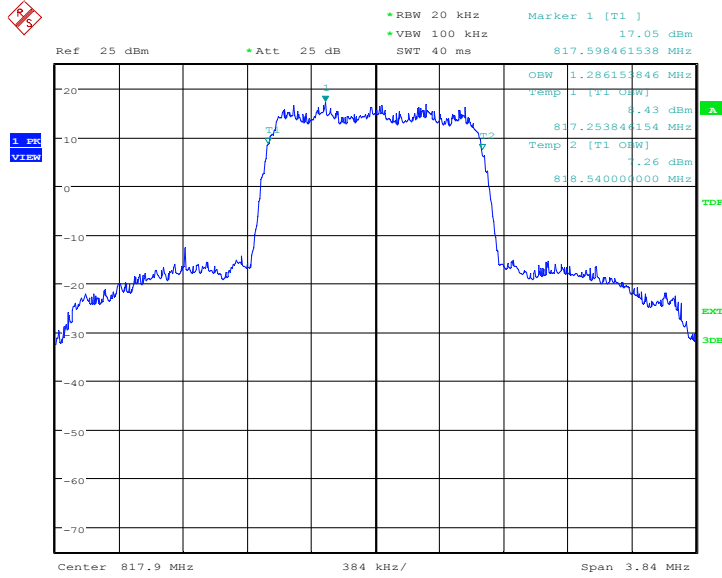


ANNEX A TEST RESULTS

A.1 Occupied Bandwidth

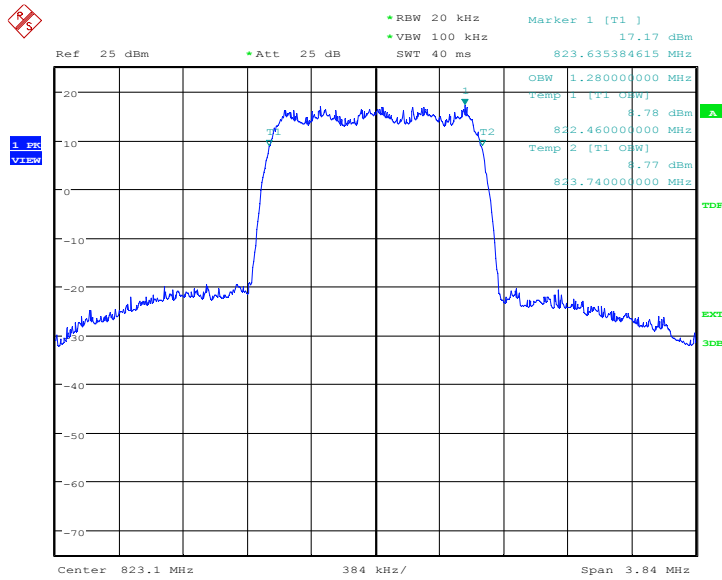
CDMA800 BC10

Plot 1.1: Channel 476-Occupied Bandwidth (99% BW)



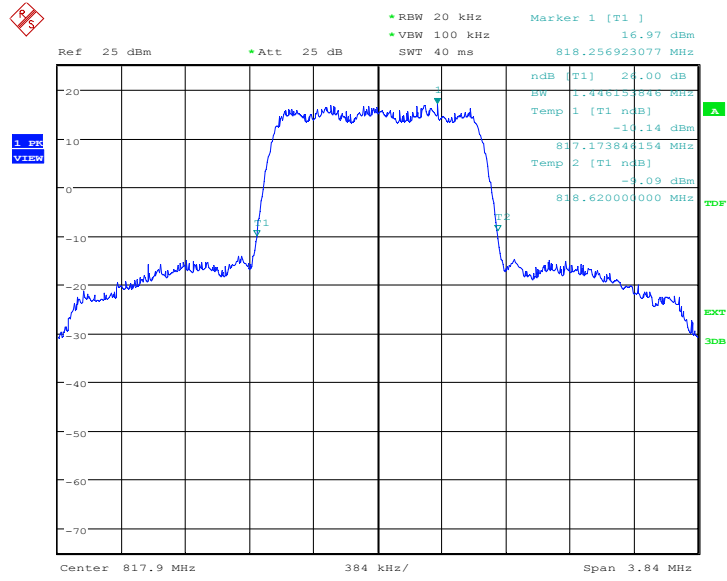
Date: 28.MAR.2019 06:36:59

Plot 1.2: Channel 684-Occupied Bandwidth (99% BW)



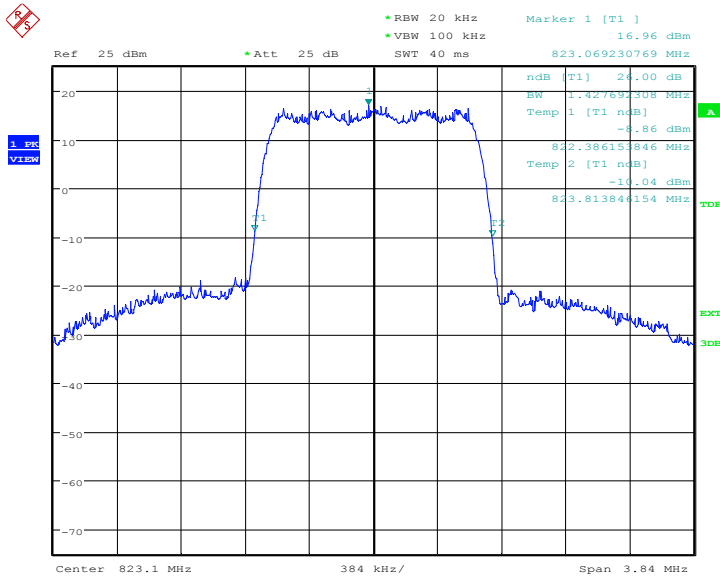
Date: 28.MAR.2019 06:39:16

Plot 1.3: Channel 1013-Occupied Bandwidth (-26dBc BW)



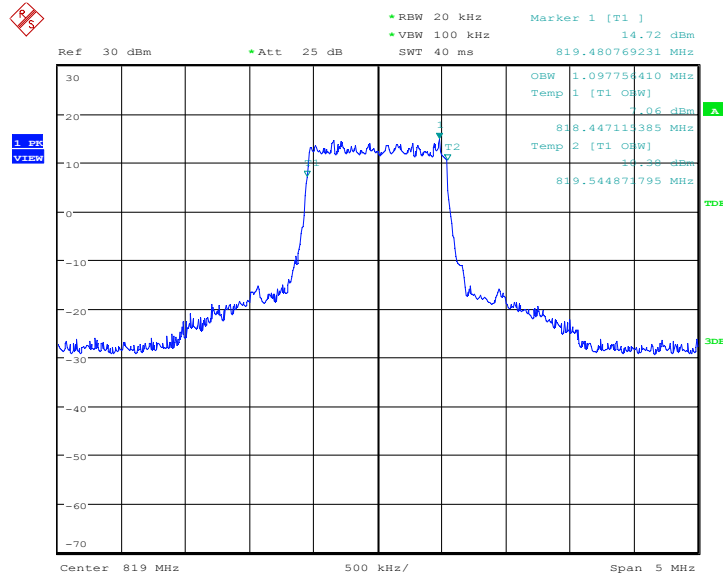
Date: 28.MAR.2019 06:37:37

Plot 1.4: Channel 384-Occupied Bandwidth (-26dBc BW)



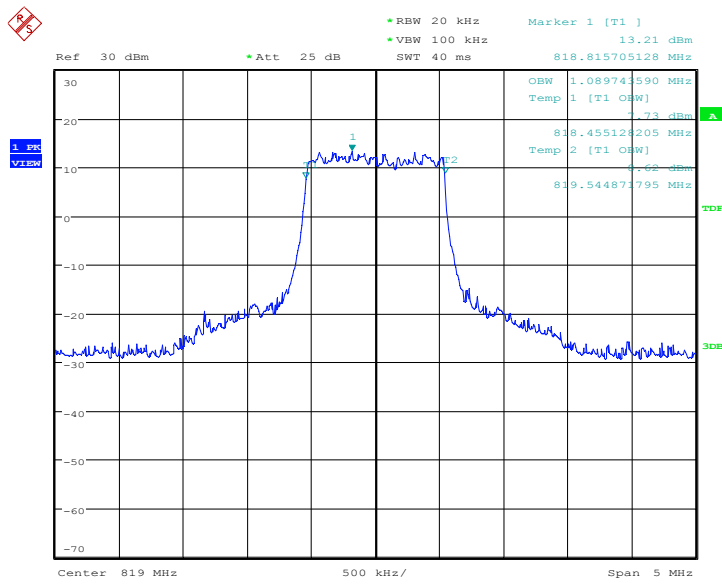
Date: 28.MAR.2019 06:38:29

Plot 1.5: LTE Band 26, 1.4MHz Bandwidth, QPSK (99% BW)



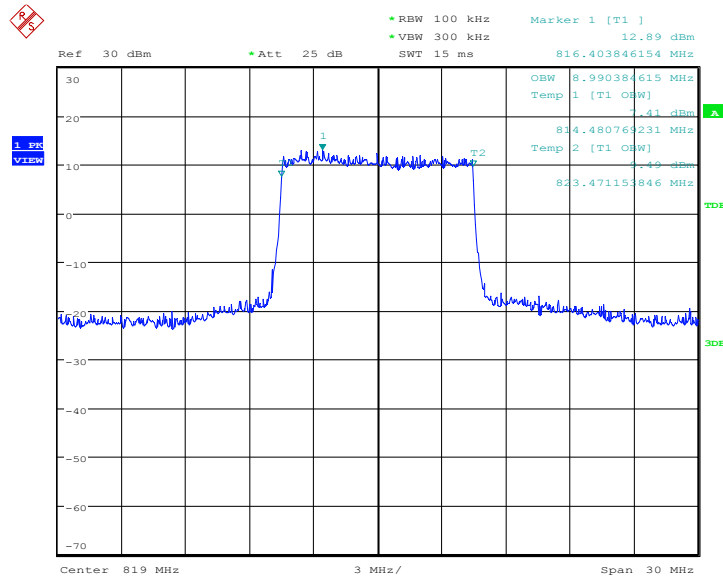
Date: 24.MAR.2019 21:07:56

Plot 1.6: LTE Band 26, 1.4MHz Bandwidth, 16QAM (99% BW)



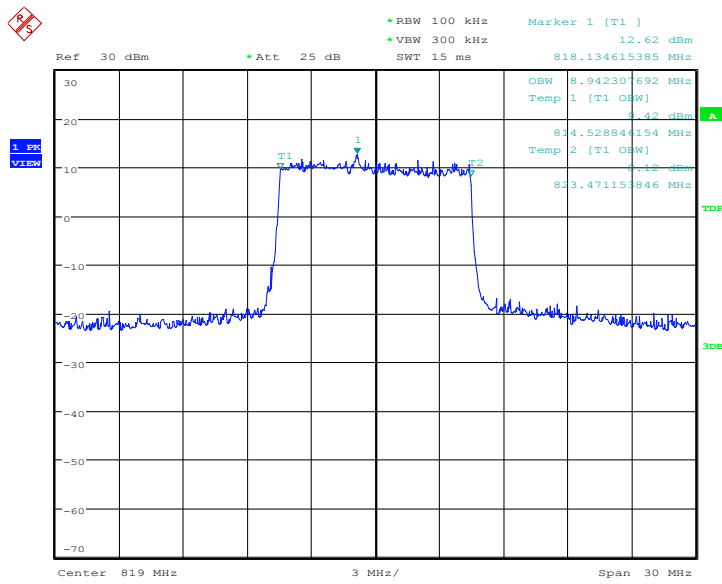
Date: 24.MAR.2019 21:08:10

Plot 1.11: LTE Band 26, 10MHz Bandwidth, QPSK (99% BW)



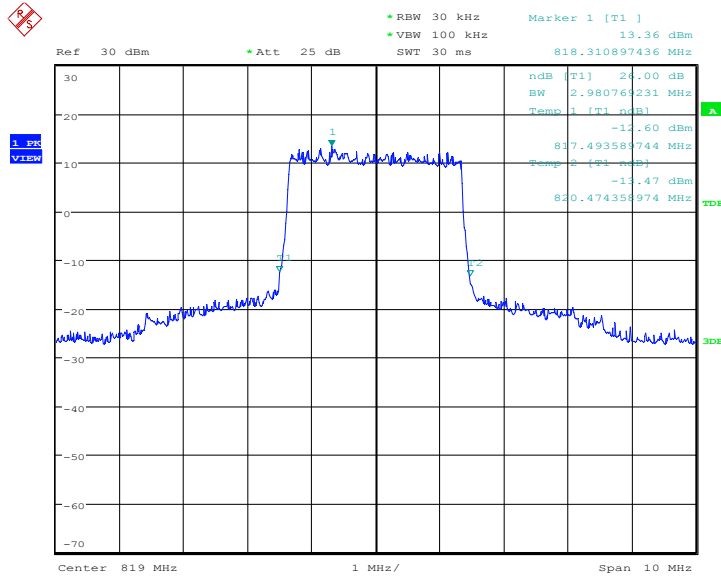
Date: 24.MAR.2019 21:17:23

Plot 1.12: LTE Band 26, 10MHz Bandwidth, 16QAM (99% BW)



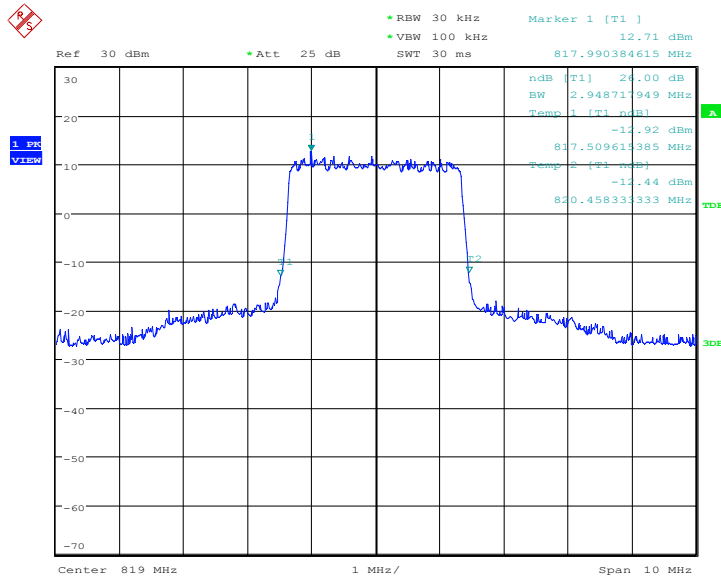
Date: 24.MAR.2019 21:17:37

Plot 1.15: LTE Band 26, 3MHz Bandwidth, QPSK (-26dBc BW)



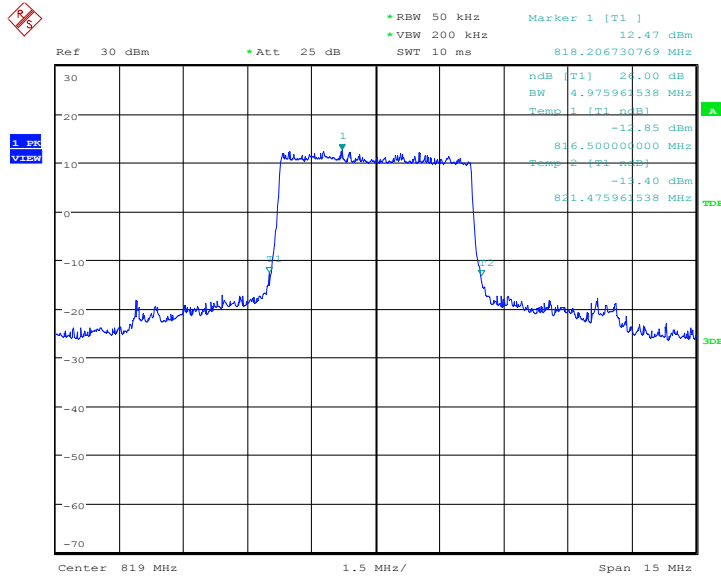
Date: 24.MAR.2019 21:12:13

Plot 1.16: LTE Band 26, 3MHz Bandwidth, 16QAM (-26dBc BW)



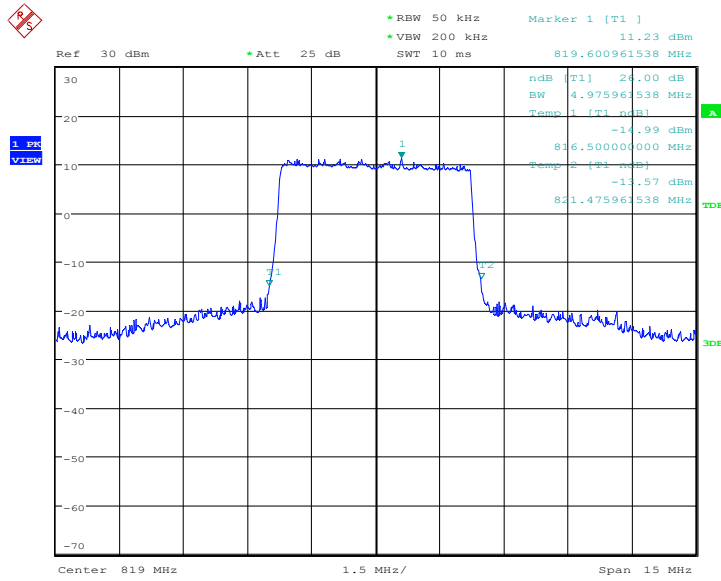
Date: 24.MAR.2019 21:12:29

Plot 1.17: LTE Band 26, 5MHz Bandwidth, QPSK (-26dBc BW)



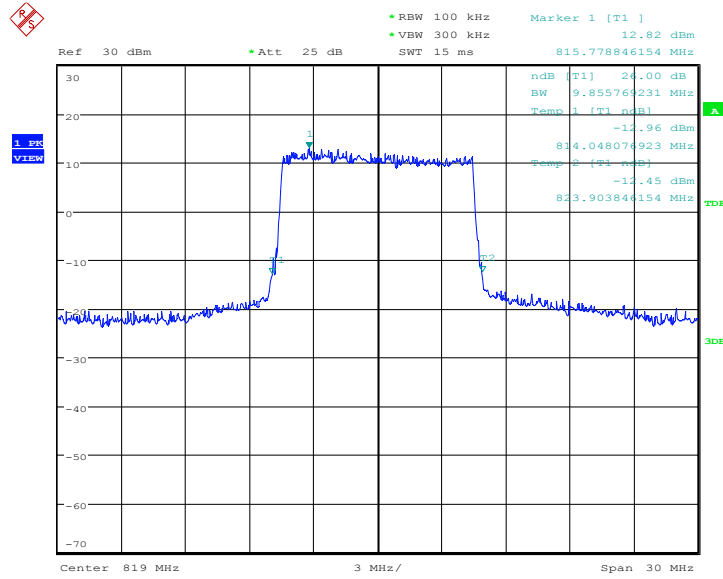
Date: 24.MAR.2019 21:15:22

Plot 1.18: LTE Band 26, 5MHz Bandwidth, 16QAM (-26dBc BW)

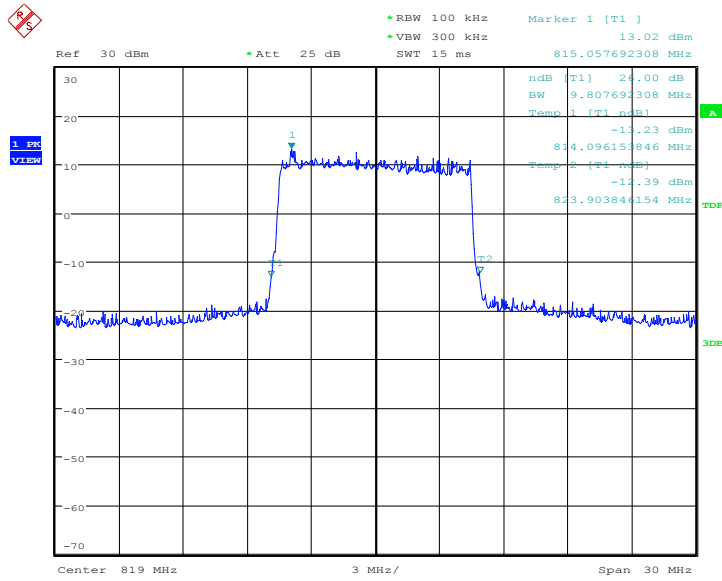


Date: 24.MAR.2019 21:15:38

Plot 1.19: LTE Band 26, 10MHz Bandwidth, QPSK (-26dBc BW)



Plot 1.20: LTE Band 26, 10MHz Bandwidth, 16QAM (-26dBc BW)



A.2 Spurious Emission at Antenna Terminals

Only worst case result is given below

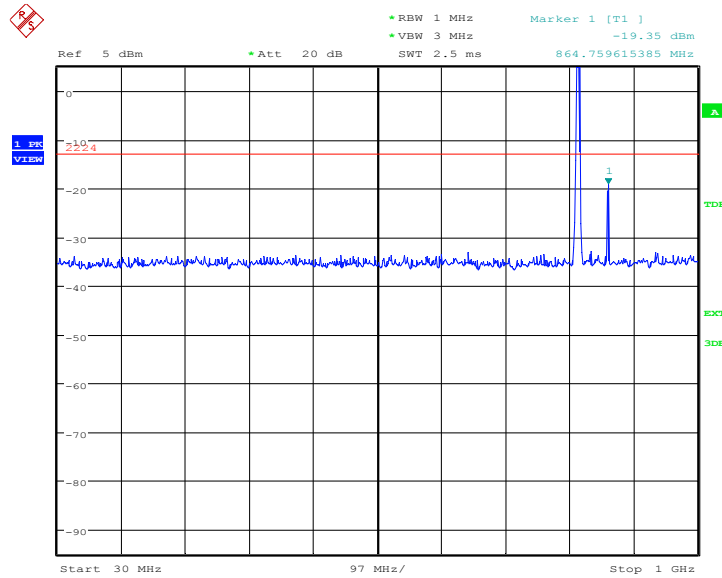
CDMA800 BC10

Channel 476: 30MHz - 1GHz

Spurious emission limit - 13dBm.

NOTE: peak above the limit line is the carrier frequency.

Plot 2.1:

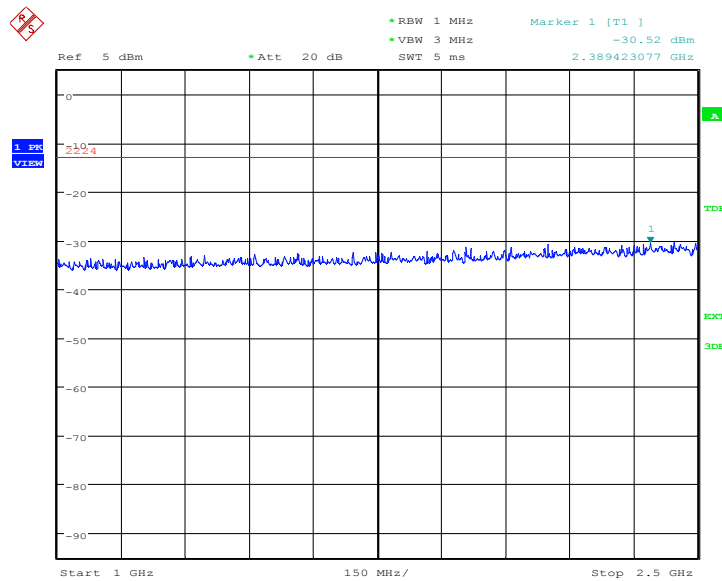


Date: 28.MAR.2019 09:39:27

Channel 476: 1GHz - 2.5GHz

Spurious emission limit - 13dBm.

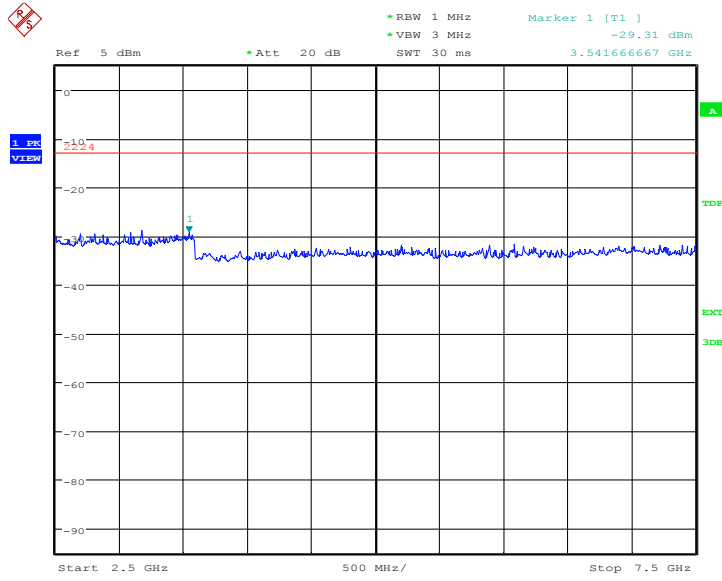
Plot 2.2:



Date: 28.MAR.2019 09:40:48

Channel 476: 2.5GHz - 7.5GHz
Spurious emission limit - 13dBm.

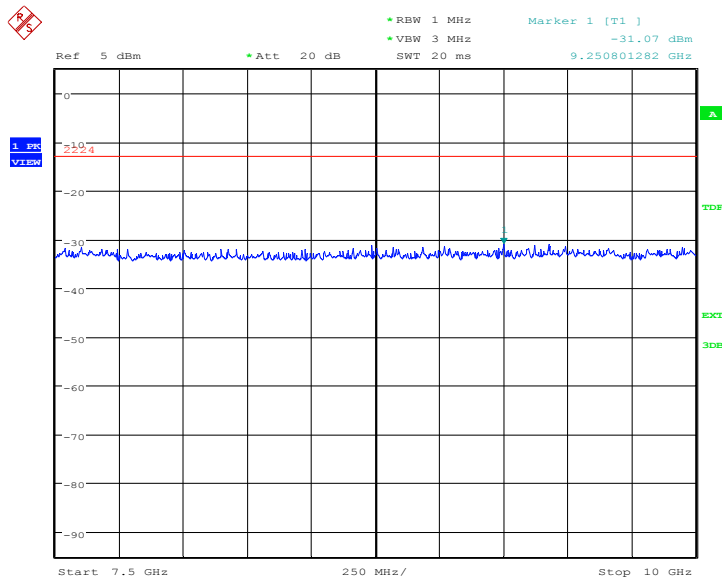
Plot 2.3:



Date: 28.MAR.2019 09:41:19

Channel 476: 7.5GHz - 10GHz
Spurious emission limit - 13dBm.

Plot 2.4:



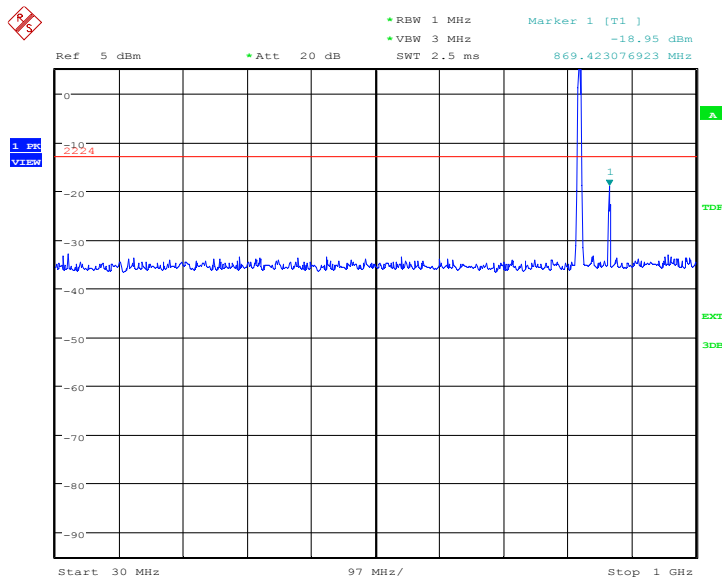
Date: 28.MAR.2019 09:42:31

Channel 684: 30MHz - 1GHz

Spurious emission limit - 13dBm.

NOTE: peak above the limit line is the carrier frequency.

Plot 2.5:

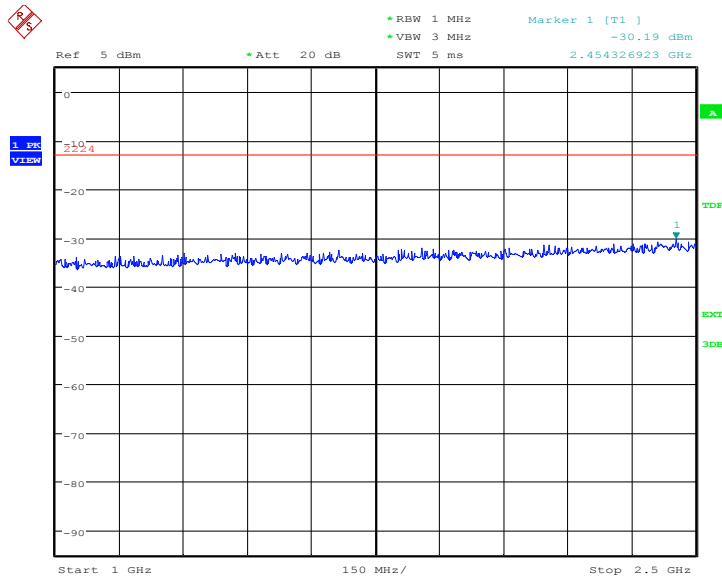


Date: 28.MAR.2019 09:39:56

Channel 684: 1GHz - 2.5GHz

Spurious emission limit - 13dBm.

Plot 2.6:

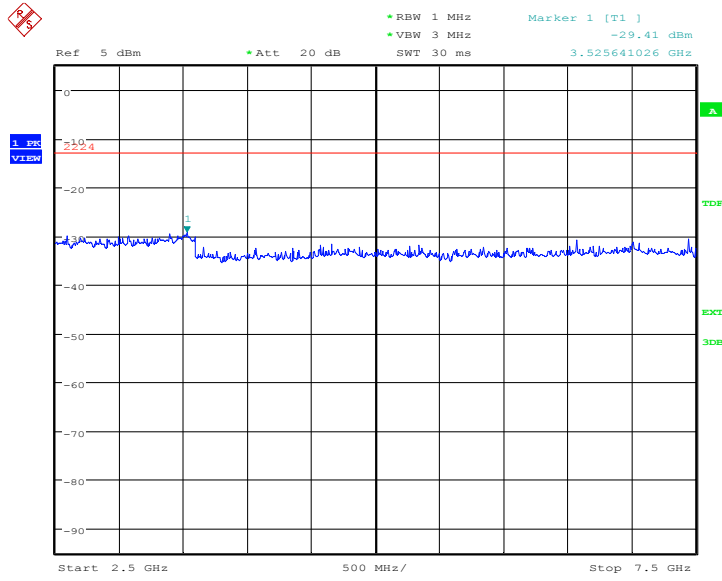


Date: 28.MAR.2019 09:40:20

Channel 684: 2.5GHz - 7.5GHz

Spurious emission limit - 13dBm.

Plot 2.7:

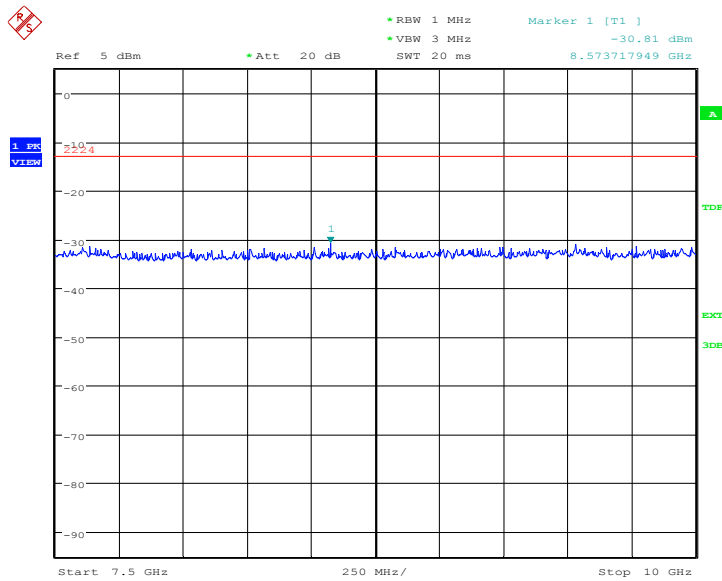


Date: 28.MAR.2019 09:41:41

Channel 684: 7.5GHz - 10GHz

Spurious emission limit - 13dBm.

Plot 2.8:



Date: 28.MAR.2019 09:42:08

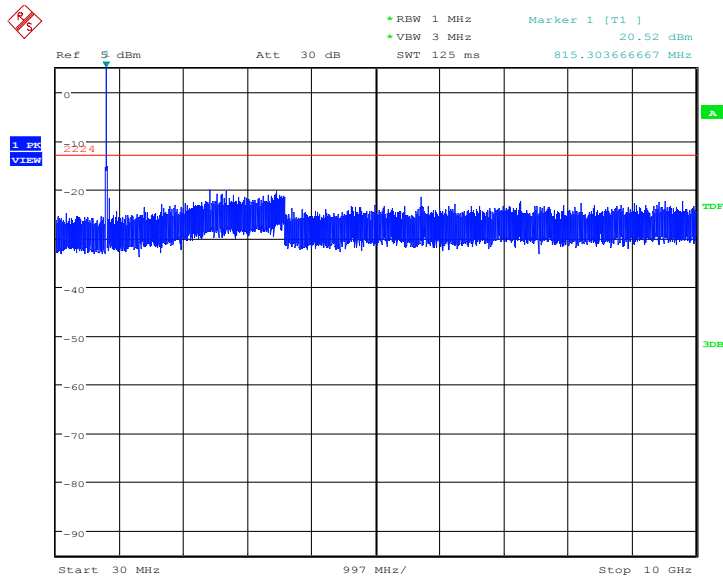
Only worst case result is given below

LTE Band 26(814MHz-824MHz): 30MHz - 10GHz

Spurious emission limit - 13dBm.

NOTE: peak above the limit line is the carrier frequency.

Plot 2.9:



Date: 24.MAR.2019 19:16:26

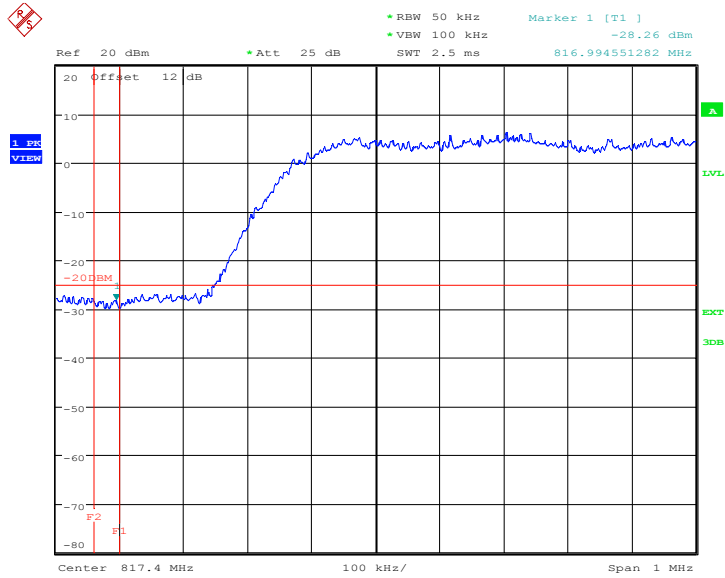
A.3 Band Edge

Only worst case result is given below

CDMA800 BC10

BAND EDGE BLOCK-Channel 476

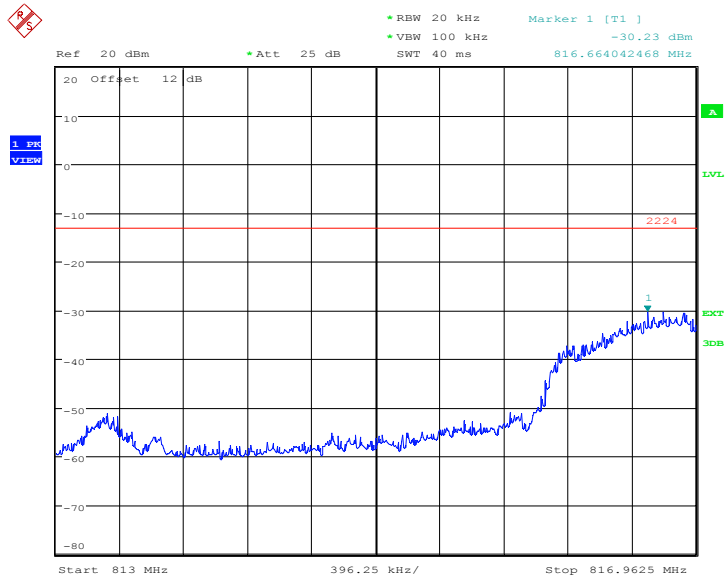
Plot 3.1:



Date: 28.MAR.2019 10:07:29

Outer Extended BAND EDGE BLOCK-Channel 476

Plot 3.2:

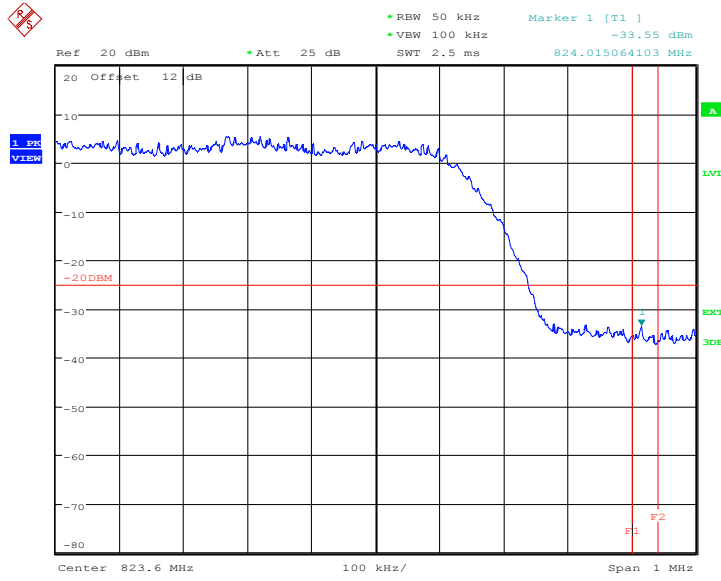


Date: 28.MAR.2019 10:14:36

CDMA800 BC10

BAND EDGE BLOCK-Channel 684

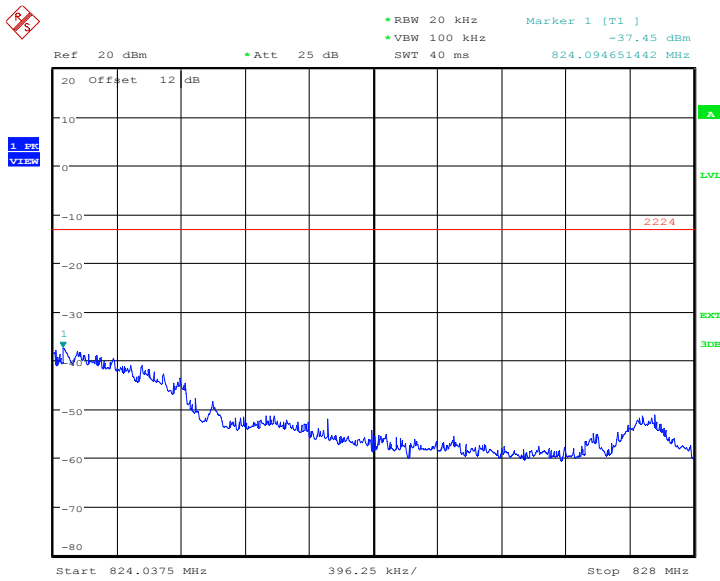
Plot 3.3:



Date: 28.MAR.2019 10:09:33

Outer Extended BAND EDGE BLOCK-Channel 684

Plot 3.4:

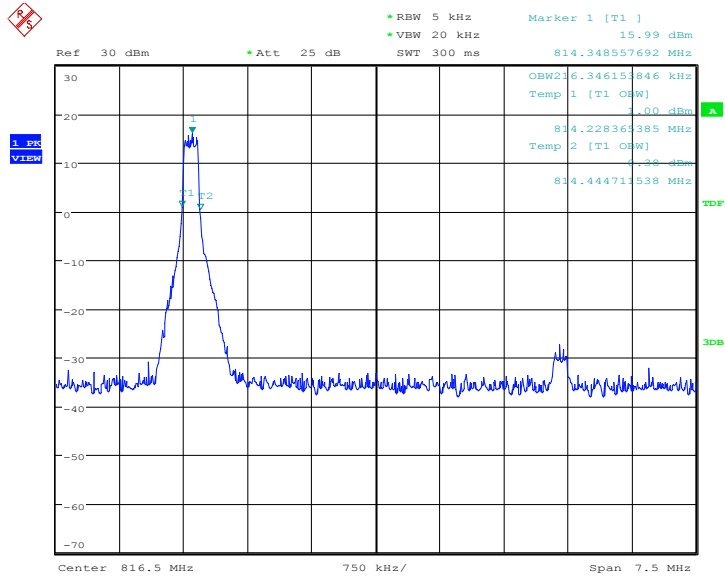


Date: 28.MAR.2019 10:12:27

LTE Band 26(814MHz-824MHz)

OBW: 1RB-low_offset

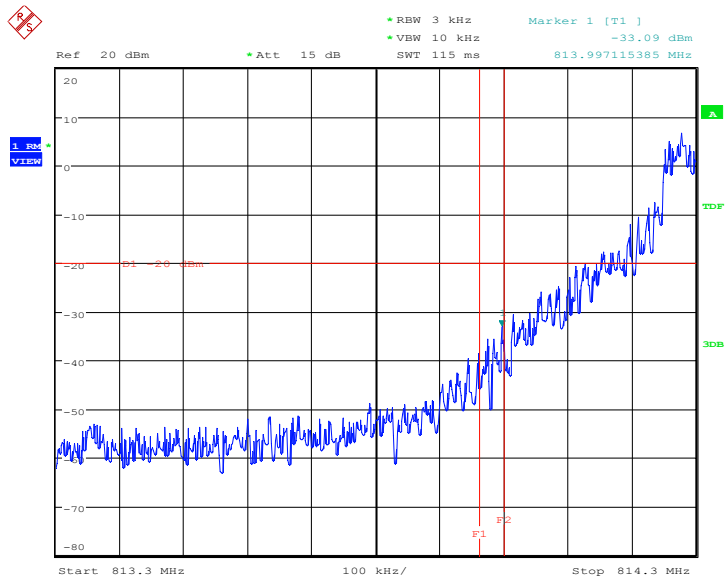
Plot 3.5:



Date: 24.MAR.2019 18:55:52

LOW Emission Mask -1RB-low_offset

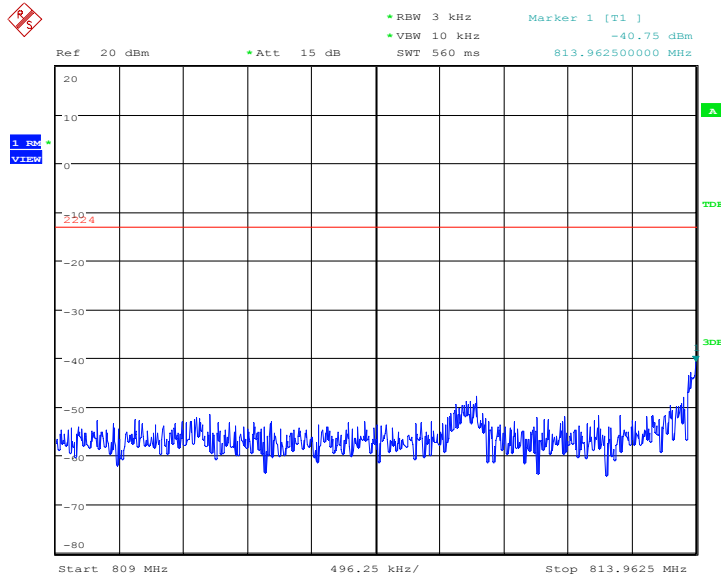
Plot 3.6:



Date: 24.MAR.2019 18:56:35

LOW BAND EDGE BLOCK-1RB-low_offset

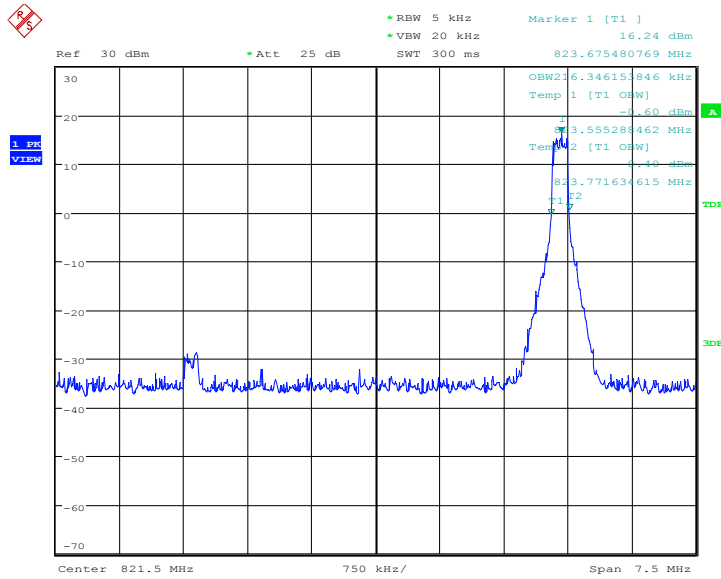
Plot 3.7:



Date: 24.MAR.2019 18:56:38

OBW: 1RB-high_offset

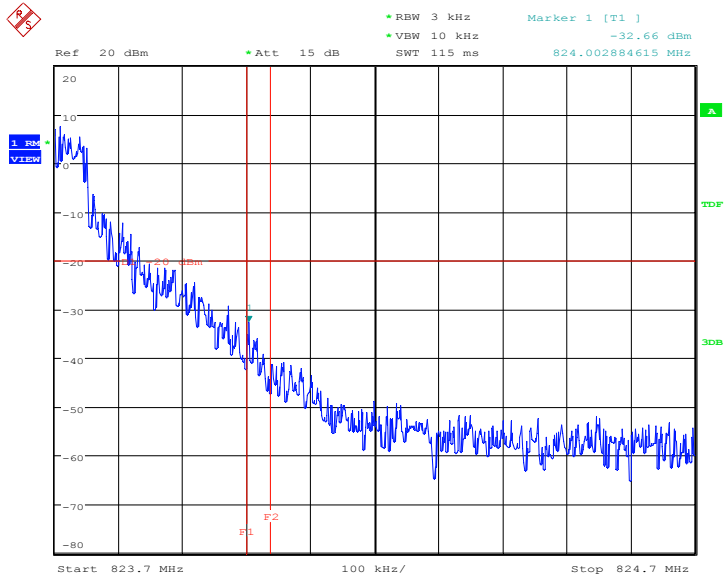
Plot 3.8:



Date: 24.MAR.2019 18:58:39

HIGH Emission Mask -1RB-high_offset

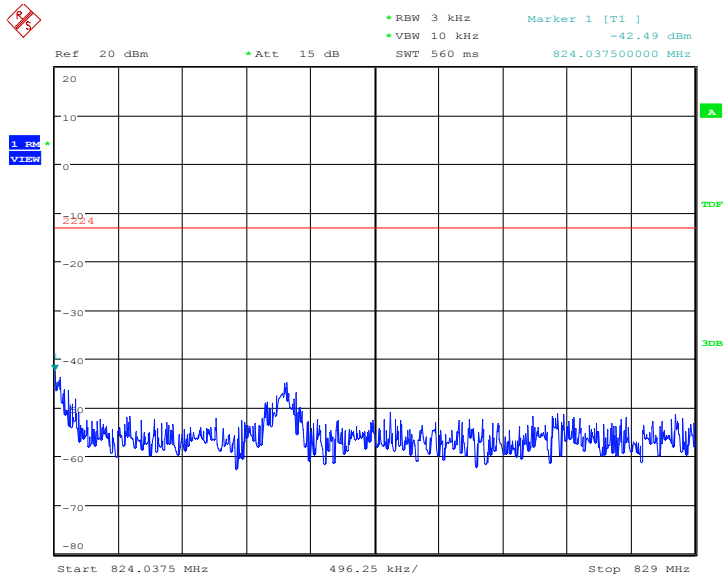
Plot 3.9:



Date: 24.MAR.2019 18:59:22

HIGH BAND EDGE BLOCK-1RB-high_offset

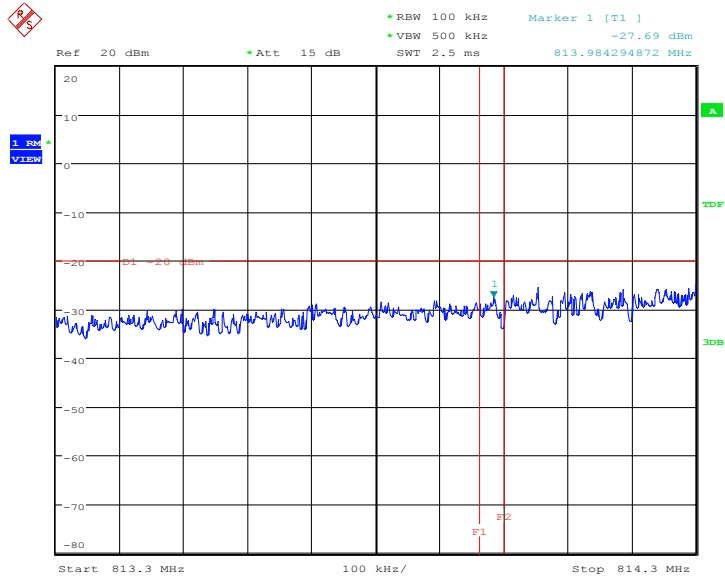
Plot 3.10:



Date: 24.MAR.2019 18:59:25

LOW Emission Mask -10MHz-100%RB

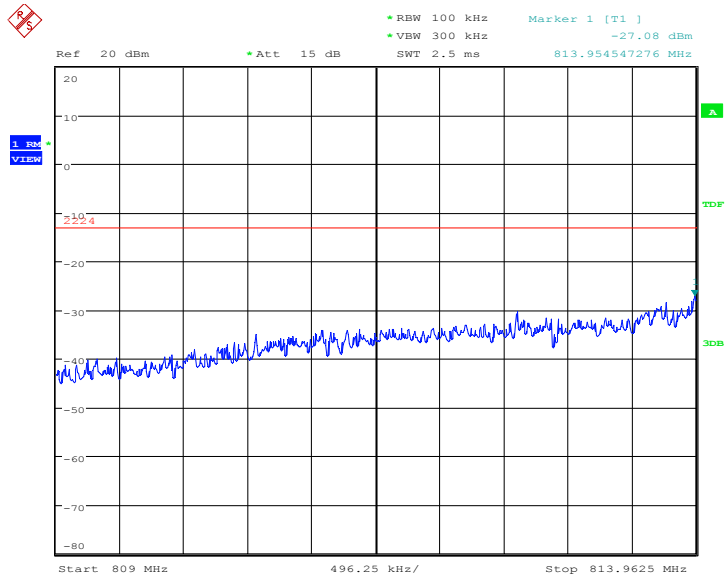
Plot 3.11:



Date: 24.MAR.2019 19:01:44

LOW BAND EDGE BLOCK-10MHz-100%RB

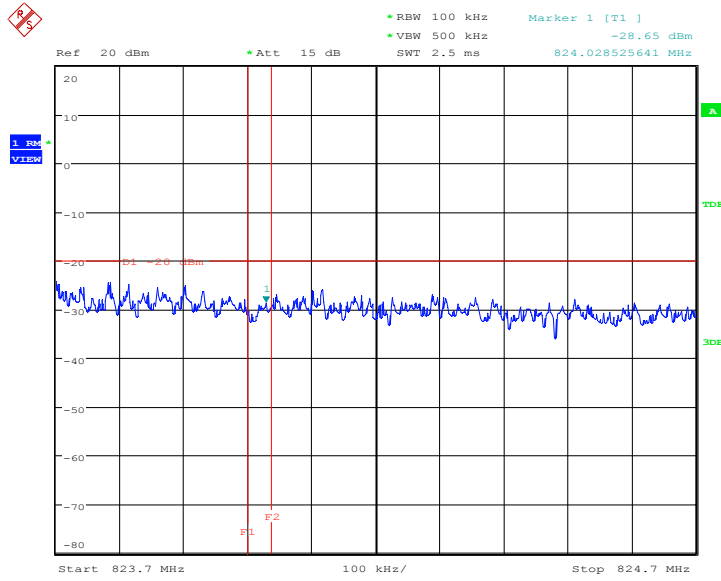
Plot 3.12:



Date: 24.MAR.2019 19:01:47

HIGH Emission Mask -10MHz-100%RB

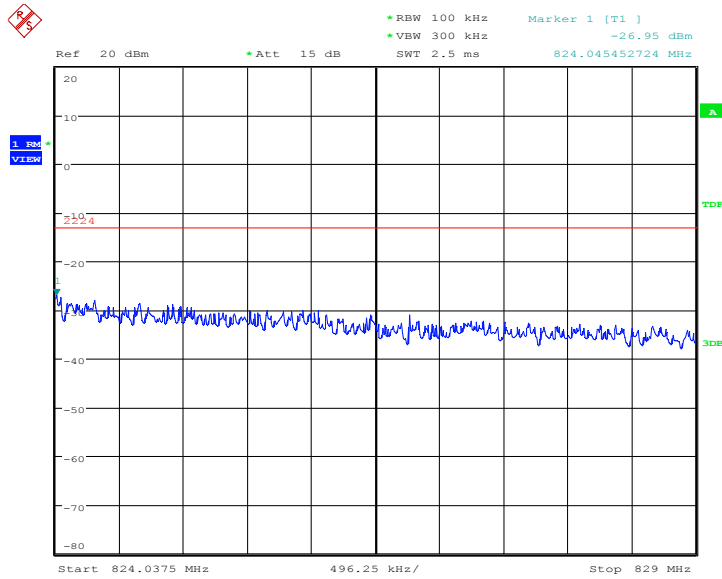
Plot 3.13:



Date: 24.MAR.2019 19:02:32

HIGH BAND EDGE BLOCK-10MHz-100%RB

Plot 3.14:



Date: 24.MAR.2019 19:02:34

A.4 Field Strength of Spurious Radiation

All modes are tested, only the worst case were reported:

Table 4.1: CDMA800 BC10 Channel 476/817.9MHz

Frequency(MHz)	P _{Mea} (dBm)	Path loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
2896.80	-41.52	1.00	11.40	-33.27	-13.00	V
3740.50	-66.74	1.10	12.60	-57.39	-13.00	V
4613.00	-65.36	1.30	12.70	-56.11	-13.00	V
6334.00	-64.71	1.60	12.80	-55.66	-13.00	V
7679.00	-62.62	1.80	11.50	-55.07	-13.00	H
8843.00	-62.08	1.90	12.00	-54.13	-13.00	V

Table 4.2: CDMA800 BC10 Channel 684/823.1MHz

Frequency(MHz)	P _{Mea} (dBm)	Path loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
2863.20	-42.75	1.00	11.40	-34.50	-13.00	H
3573.00	-65.22	1.10	12.30	-56.17	-13.00	H
4323.00	-66.42	1.30	12.70	-57.17	-13.00	H
5427.50	-65.34	1.30	13.20	-55.59	-13.00	V
6768.50	-63.46	1.60	11.90	-55.31	-13.00	H
7887.00	-62.56	1.70	11.50	-54.91	-13.00	V

Table 4.3: LTE Band 26, 1.4MHz, QPSK, Channel 26783

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
2919.20	-41.34	1.00	11.40	-33.09	-13.00	H
3594.50	-64.77	1.20	12.30	-55.82	-13.00	H
4618.00	-65.50	1.30	12.70	-56.25	-13.00	H
5822.50	-66.31	1.40	13.40	-56.46	-13.00	H
7253.50	-61.78	1.90	11.90	-53.93	-13.00	H
9243.50	-61.48	2.00	11.90	-53.73	-13.00	H

Table 4.4: LTE Band 26, 1.4MHz, QPSK, Channel 26740

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
2900.00	-41.49	1.00	11.40	-33.24	-13.00	H
3607.00	-66.12	1.20	12.30	-57.17	-13.00	V
4335.00	-64.62	1.30	12.70	-55.37	-13.00	H
5779.00	-65.41	1.50	13.40	-55.66	-13.00	H
7247.50	-63.07	1.90	11.90	-55.22	-13.00	V
8854.00	-62.27	1.90	12.00	-54.32	-13.00	V

Table 4.5: LTE Band 26, 1.4MHz, QPSK, Channel 26697

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
2944.53	-41.54	1.00	11.40	-33.29	-13.00	V
3595.50	-65.33	1.20	12.30	-56.38	-13.00	H
4739.50	-65.93	1.30	12.70	-56.68	-13.00	H
5867.00	-65.69	1.50	13.40	-55.94	-13.00	H
7771.50	-62.49	1.80	11.50	-54.94	-13.00	H
9525.50	-61.30	2.10	11.90	-53.65	-13.00	V

Table 4.6: LTE Band 26, 1.4MHz, 16QAM, Channel 26783

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
2914.67	-41.53	1.00	11.40	-33.28	-13.00	V
3592.00	-66.11	1.20	12.30	-57.16	-13.00	H
4612.00	-64.59	1.30	12.70	-55.34	-13.00	V
5915.00	-65.74	1.50	13.40	-55.99	-13.00	H
7367.00	-62.41	1.90	11.50	-54.96	-13.00	H
8923.50	-62.44	2.00	12.00	-54.59	-13.00	V

Table 4.7: LTE Band 26, 1.4MHz, 16QAM, Channel 26740

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
2945.87	-40.91	1.00	11.40	-32.66	-13.00	H
3594.00	-65.66	1.20	12.30	-56.71	-13.00	H
4591.00	-64.81	1.30	12.70	-55.56	-13.00	V
5632.00	-65.83	1.30	13.20	-56.08	-13.00	H
7273.00	-61.91	1.90	11.90	-54.06	-13.00	V
8543.00	-62.84	2.00	12.40	-54.59	-13.00	V

Table 4.8: LTE Band 26, 1.4MHz, 16QAM, Channel 26697

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
2935.47	-41.36	1.00	11.40	-33.11	-13.00	H
3687.00	-65.91	1.20	12.30	-56.96	-13.00	H
4667.00	-65.35	1.30	12.70	-56.10	-13.00	H
6163.00	-64.69	1.60	13.40	-55.04	-13.00	V
7373.50	-62.85	1.90	11.50	-55.40	-13.00	V
9229.50	-61.07	2.00	11.90	-53.32	-13.00	V