



Appendix C

Occupied Bandwidth According to FCC part 2.1049 & Part 24 Subpart E



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Result Table

NOTE: All relevant operation modes have been tested, and the full RB data is included in this report.

Table 1 Measurement Results CDMA&EVDO

Test Mode	RF Channel	Occupied Bandwidth [MHz]	Verdict
TM1	B	1.28	Pass
	M	1.28	Pass
	T	1.28	Pass
TM3	B	1.27	Pass
	M	1.28	Pass
	T	1.28	Pass
Subtype 0	B	1.28	Pass
	M	1.27	Pass
	T	1.28	Pass
Subtype 2	B	1.28	Pass
	M	1.27	Pass
	T	1.28	Pass

Table 2 Measurement Results (LTE) BAND 2

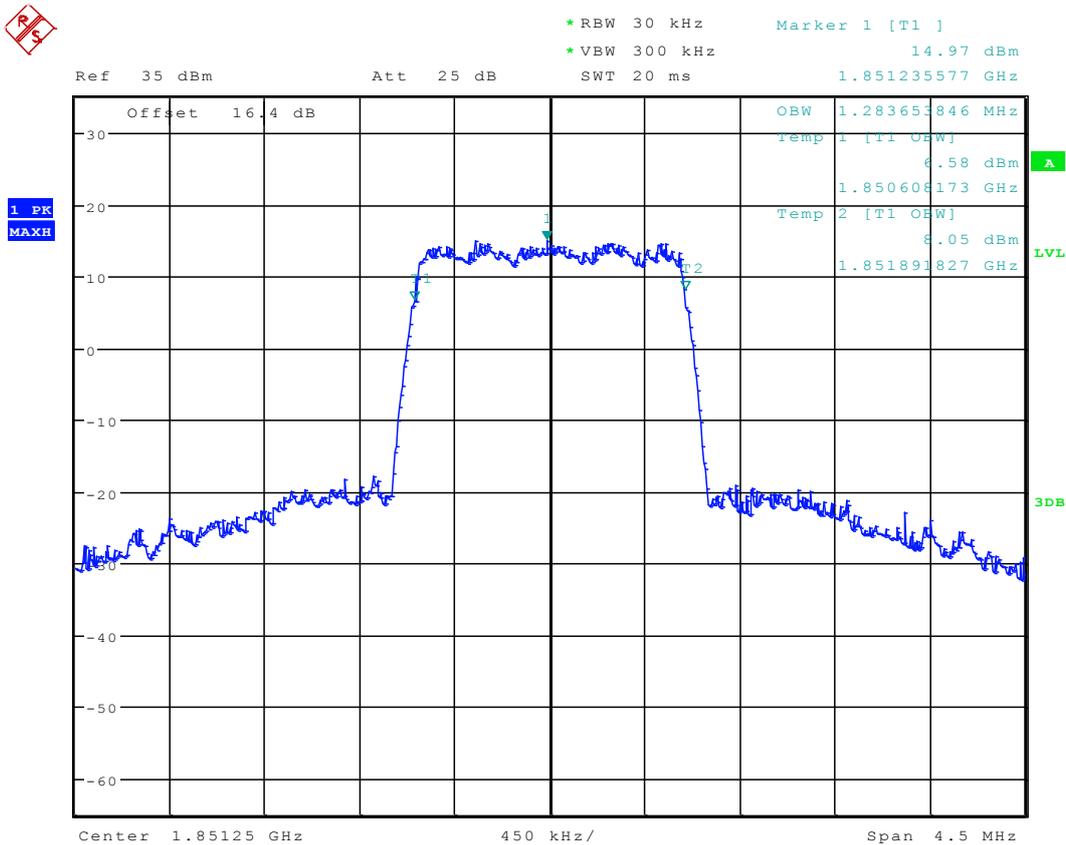
Test Mode	Carrier Conf.	RF Ch.	Occupied Bandwidth [MHz]	Verdict
TM4	1.4 MHz	B	1.09	Pass
		M	1.09	Pass
		T	1.09	Pass
	3 MHz	B	2.69	Pass
		M	2.69	Pass
		T	2.69	Pass
	5 MHz	B	4.49	Pass
		M	4.47	Pass
		T	4.49	Pass
10 MHz	B	8.94	Pass	
	M	8.94	Pass	
	T	8.97	Pass	
TM5	1.4 MHz	B	1.10	Pass
		M	1.09	Pass
		T	1.09	Pass
	3 MHz	B	2.69	Pass
		M	2.68	Pass
		T	2.69	Pass
	5 MHz	B	4.49	Pass
		M	4.49	Pass
		T	4.50	Pass
	10 MHz	B	8.97	Pass
		M	8.94	Pass
		T	8.97	Pass



1 For CDMA 1900

1.1 Test Mode = TM1

1.1.1.1 Channel = B



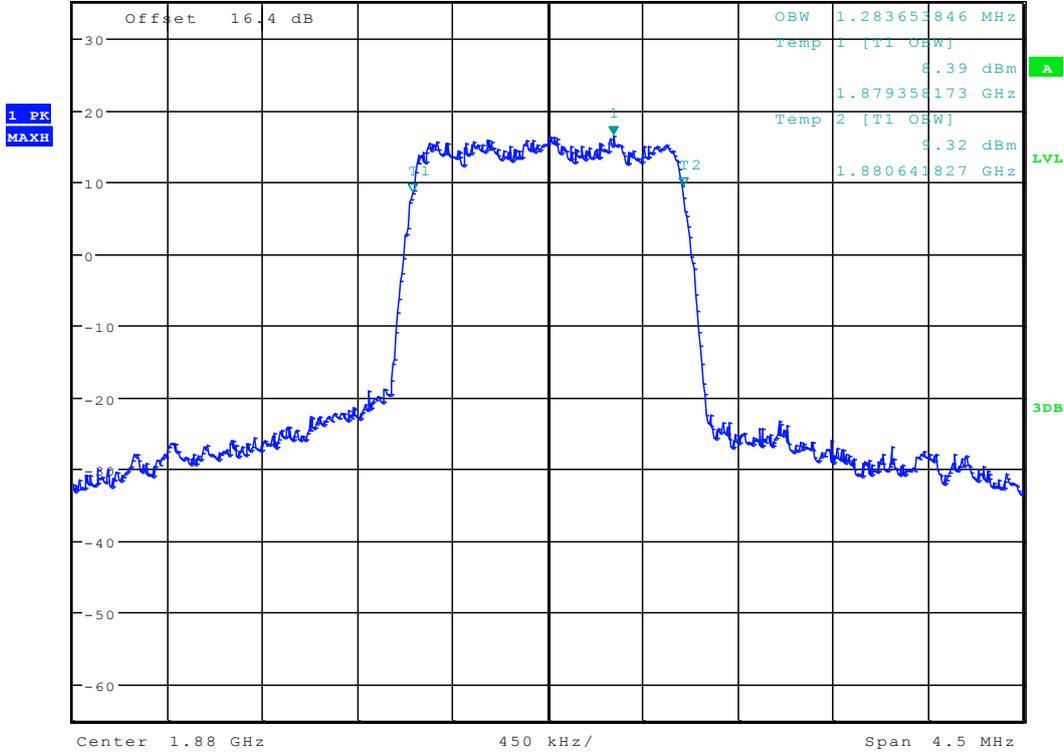
Date: 14.APR.2012 00:03:41



1.1.1.2 Channel = M



*RBW 30 kHz Marker 1 [T1]
*VBW 300 kHz 16.41 dBm
Ref 35 dBm Att 25 dB SWT 20 ms 1.880310096 GHz



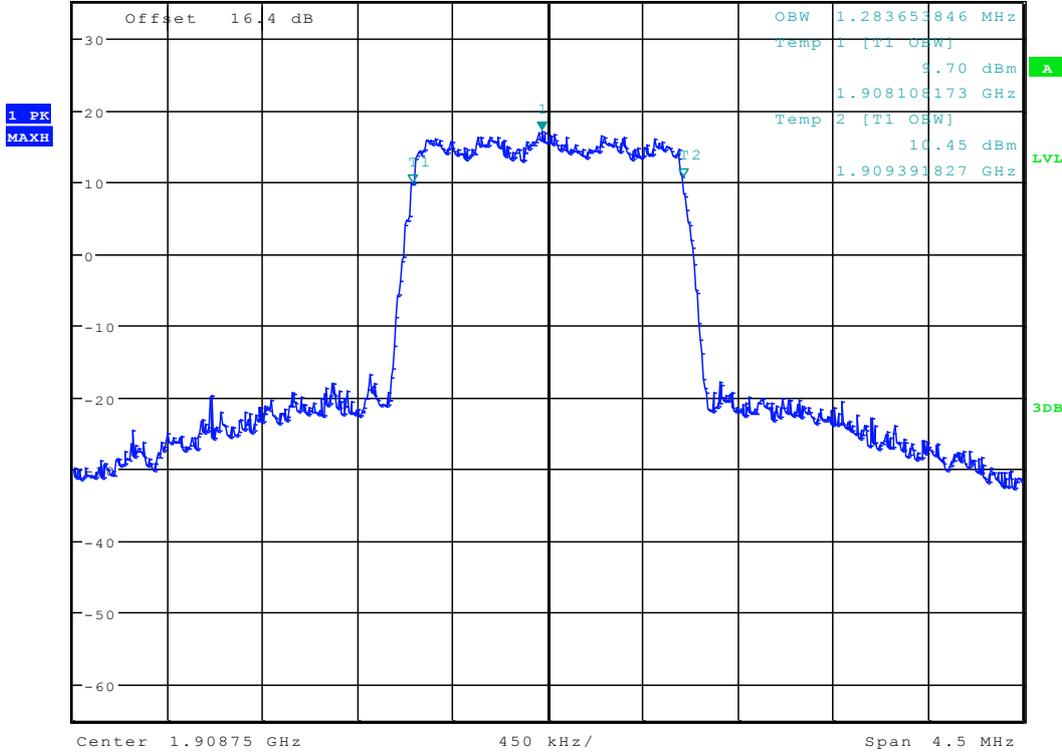
Date: 14.APR.2012 00:03:55



1.1.1.3 Channel = T



*RBW 30 kHz Marker 1 [T1]
*VBW 300 kHz 16.97 dBm
Ref 35 dBm Att 25 dB SWT 20 ms 1.908721154 GHz

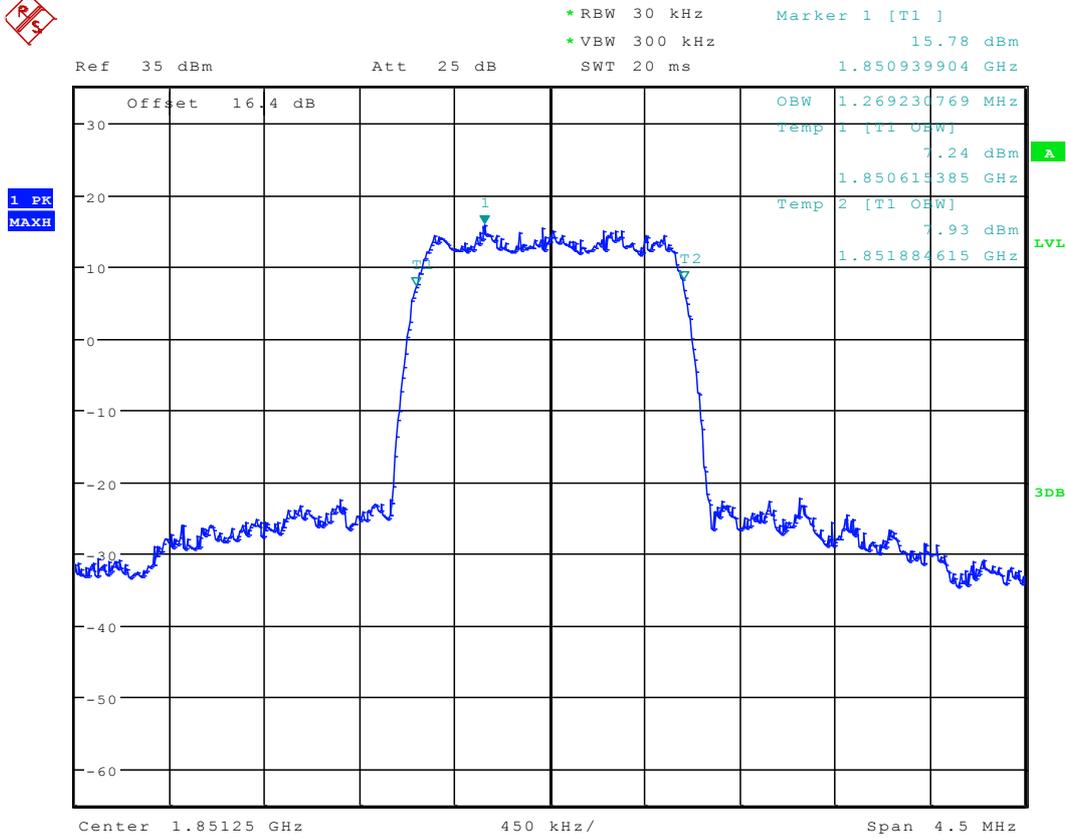


Date: 14.APR.2012 00:04:08



1.2 Test Mode = TM3

1.2.1.1 Channel = B



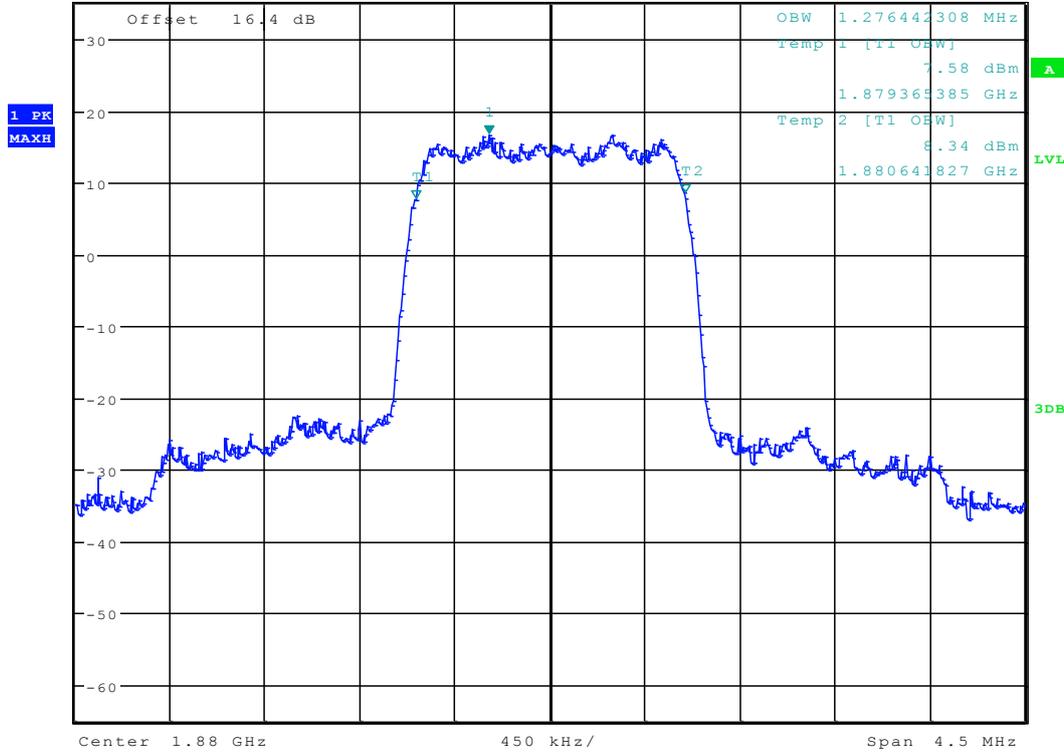
Date: 14.APR.2012 00:04:24



1.2.1.2 Channel = M



*RBW 30 kHz Marker 1 [T1]
*VBW 300 kHz 16.72 dBm
Ref 35 dBm Att 25 dB SWT 20 ms 1.879711538 GHz



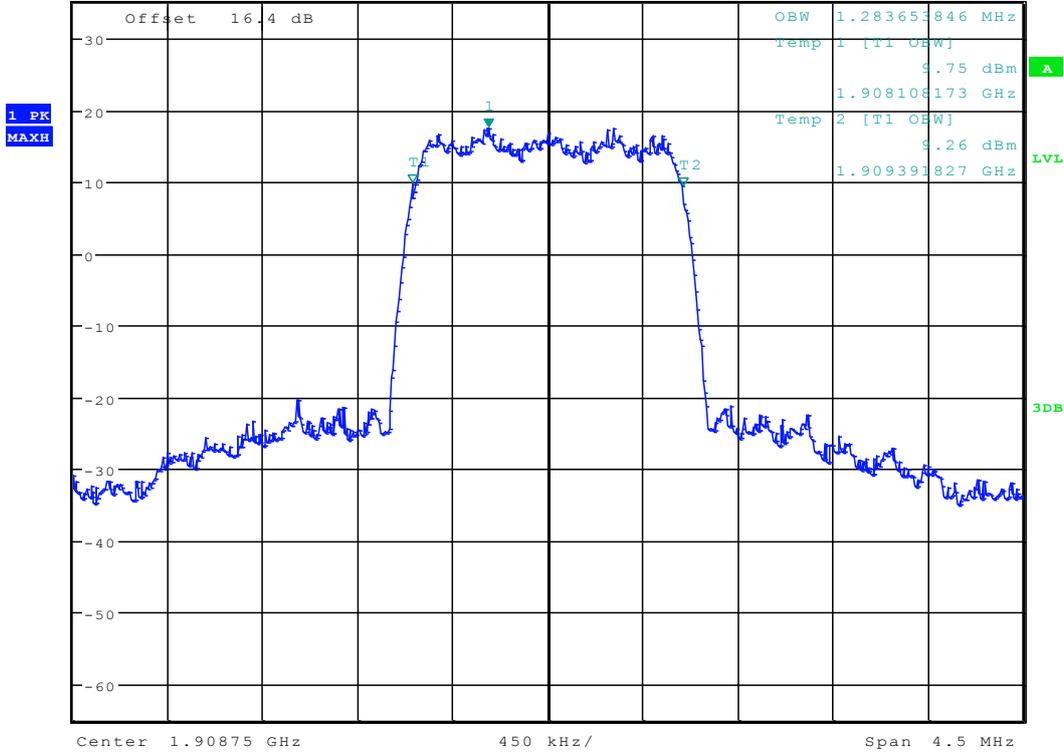
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1.2.1.3 Channel = T



*RBW 30 kHz Marker 1 [T1]
*VBW 300 kHz 17.43 dBm
Ref 35 dBm Att 25 dB SWT 20 ms 1.908468750 GHz



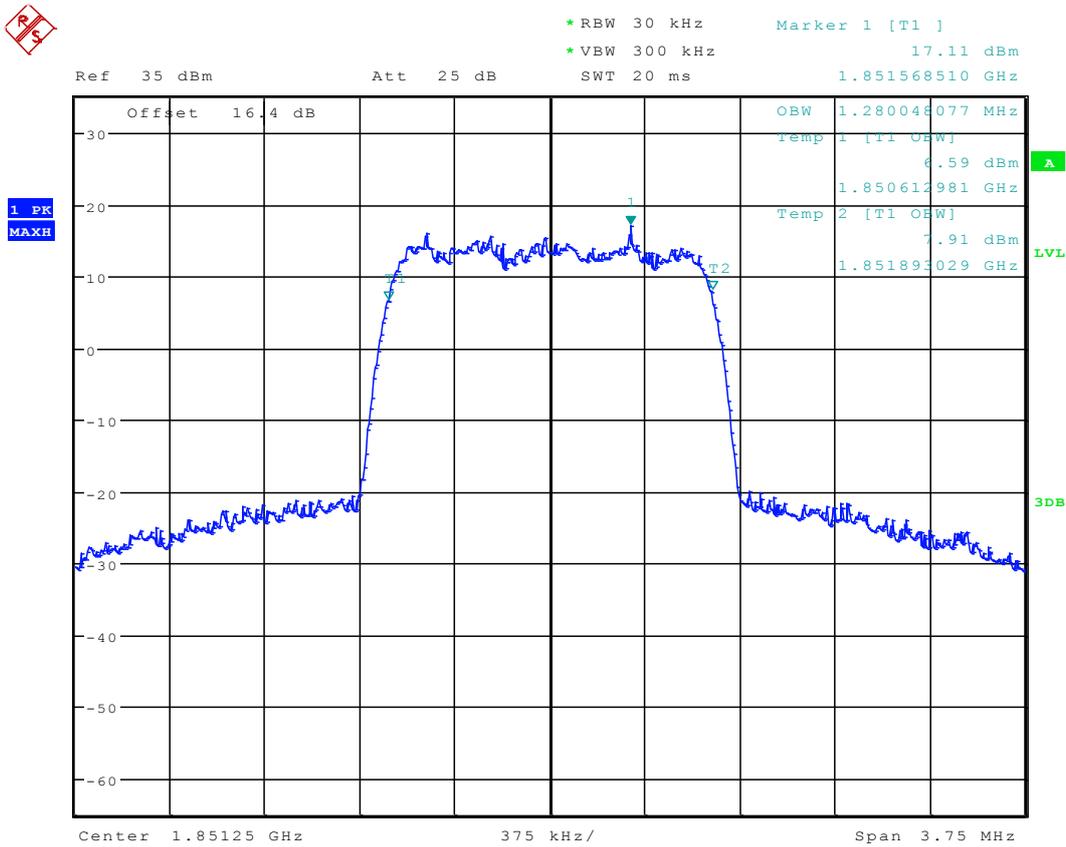
Date: 14.APR.2012 00:04:51



2 For EVDO 1900

2.1 Test Mode = Subtype 0

2.1.1.1 Channel = B



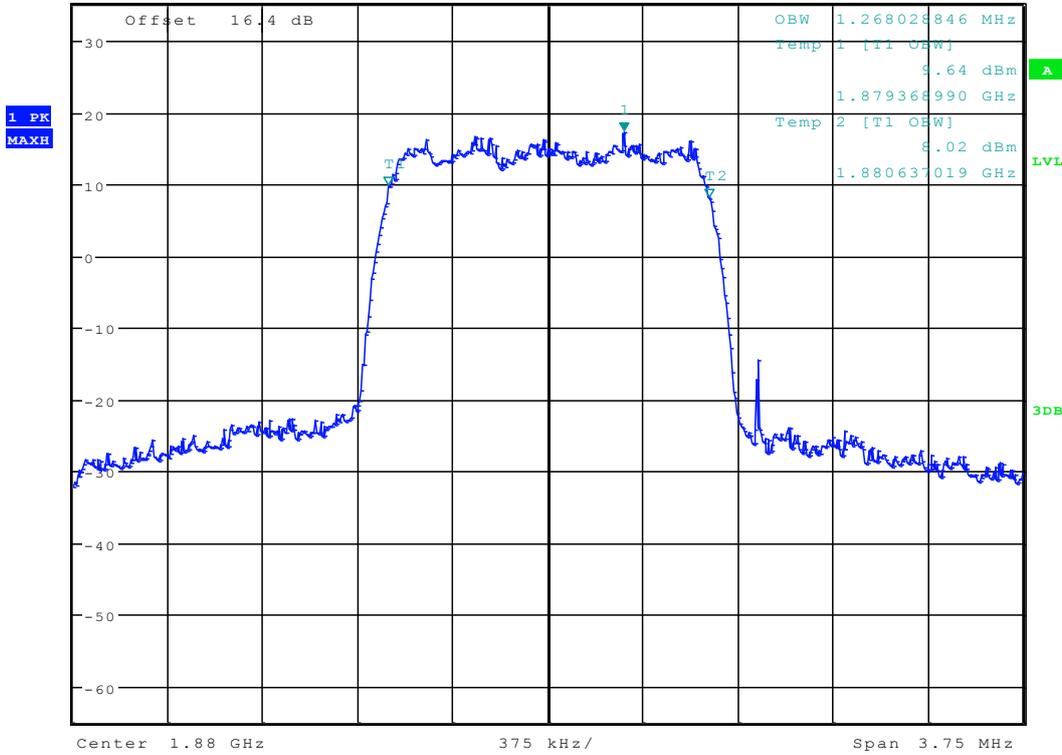
Date: 14.APR.2012 00:10:12



2.1.1.2 Channel = M



*RBW 30 kHz Marker 1 [T1]
*VBW 300 kHz 17.15 dBm
Ref 35 dBm Att 25 dB SWT 20 ms 1.880300481 GHz



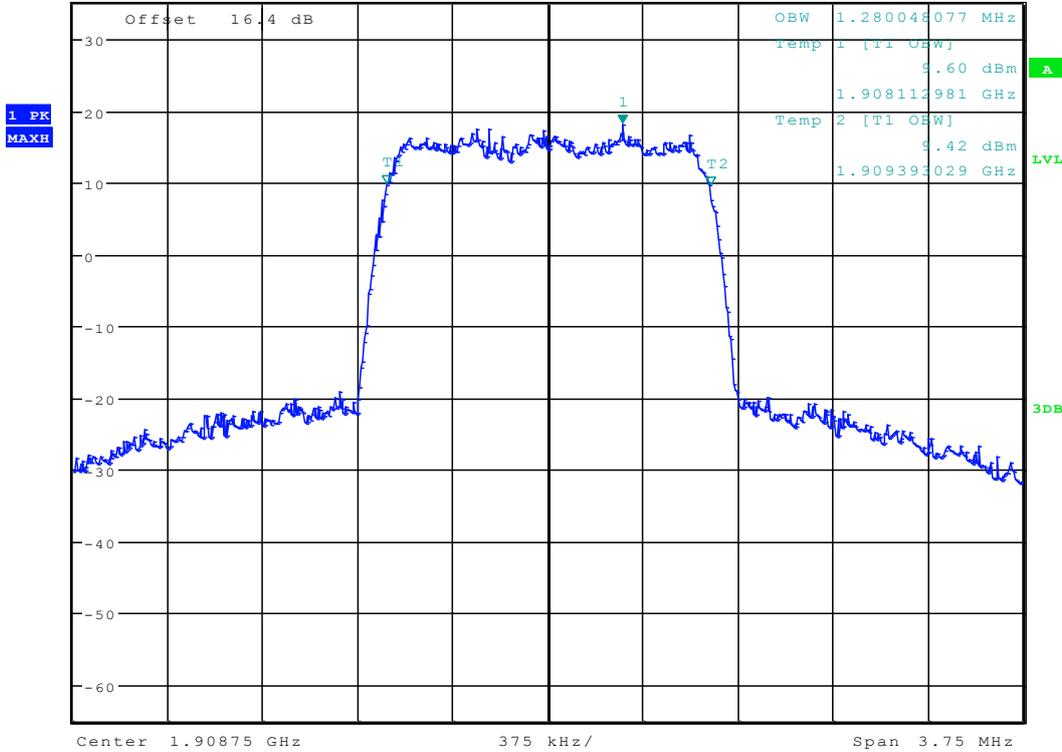
Date: 14.APR.2012 00:10:26



2.1.1.3 Channel = T



*RBW 30 kHz Marker 1 [T1]
*VBW 300 kHz 18.12 dBm
Ref 35 dBm Att 25 dB SWT 20 ms 1.909044471 GHz

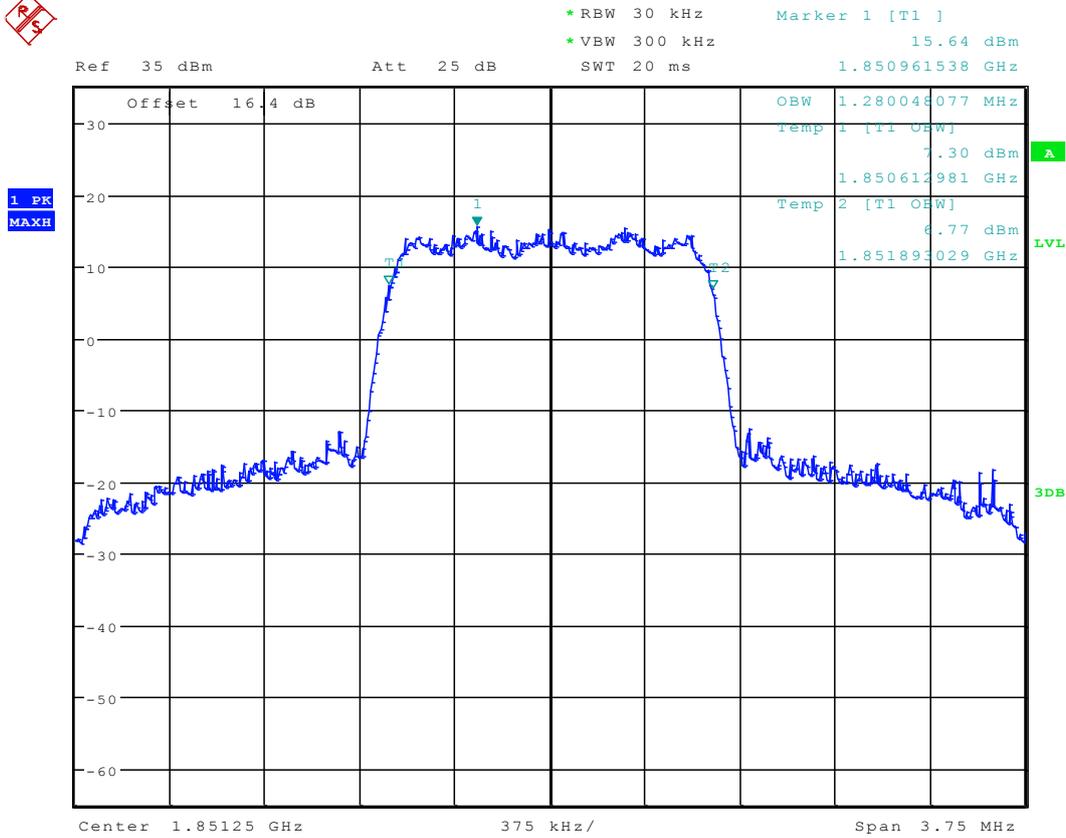


Date: 14.APR.2012 00:10:40



2.2 Test Mode = Subtype 2

2.2.1.1 Channel = B



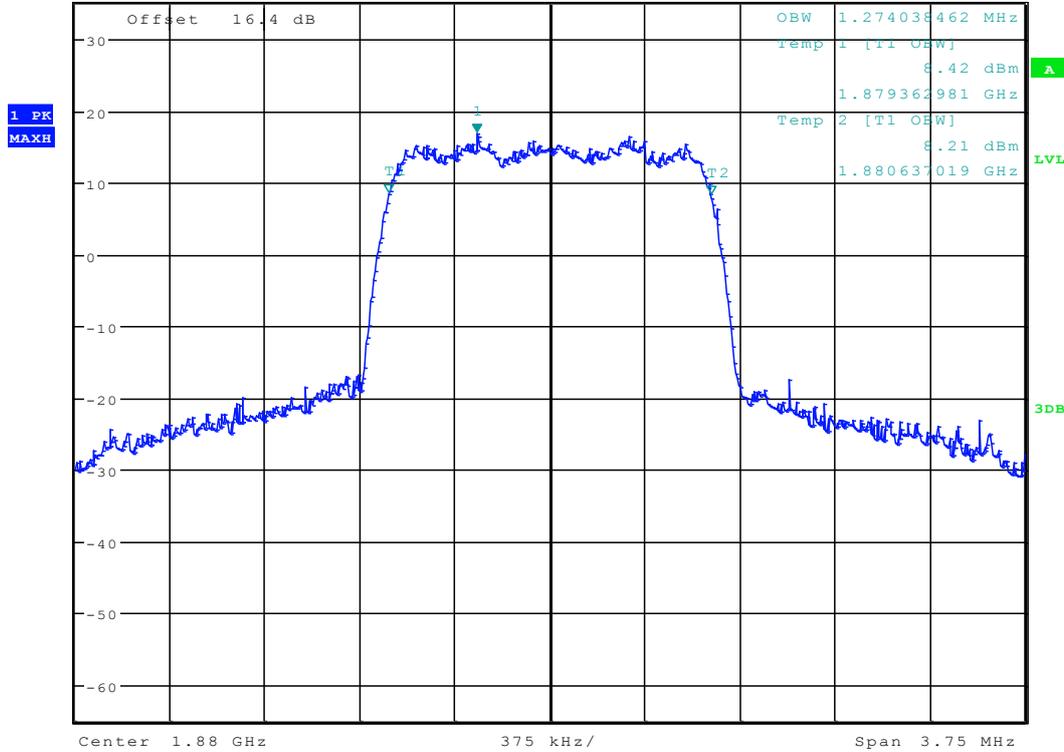
Date: 14.APR.2012 00:23:08



2.2.1.2 Channel = M



*RBW 30 kHz Marker 1 [T1]
 *VBW 300 kHz 16.75 dBm
 Ref 35 dBm Att 25 dB SWT 20 ms 1.879711538 GHz



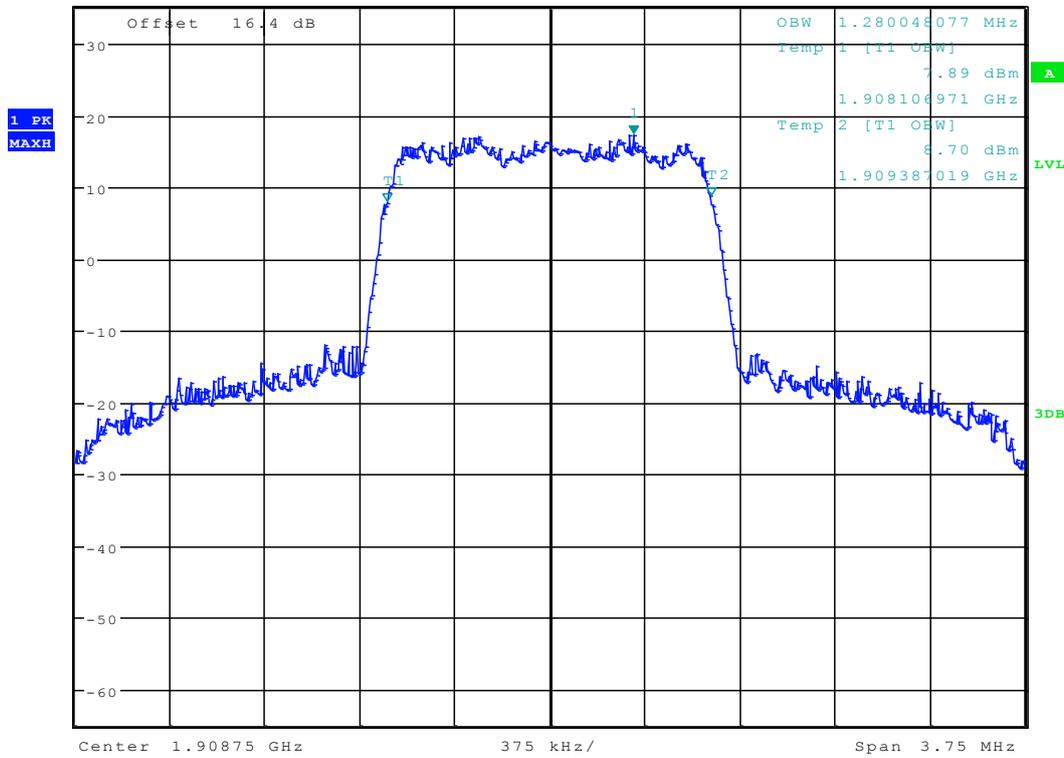
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2.2.1.3 Channel = T



*RBW 30 kHz Marker 1 [T1]
*VBW 300 kHz 17.29 dBm
Ref 35 dBm Att 25 dB SWT 20 ms 1.909080529 GHz



Date: 14.APR.2012 00:23:31



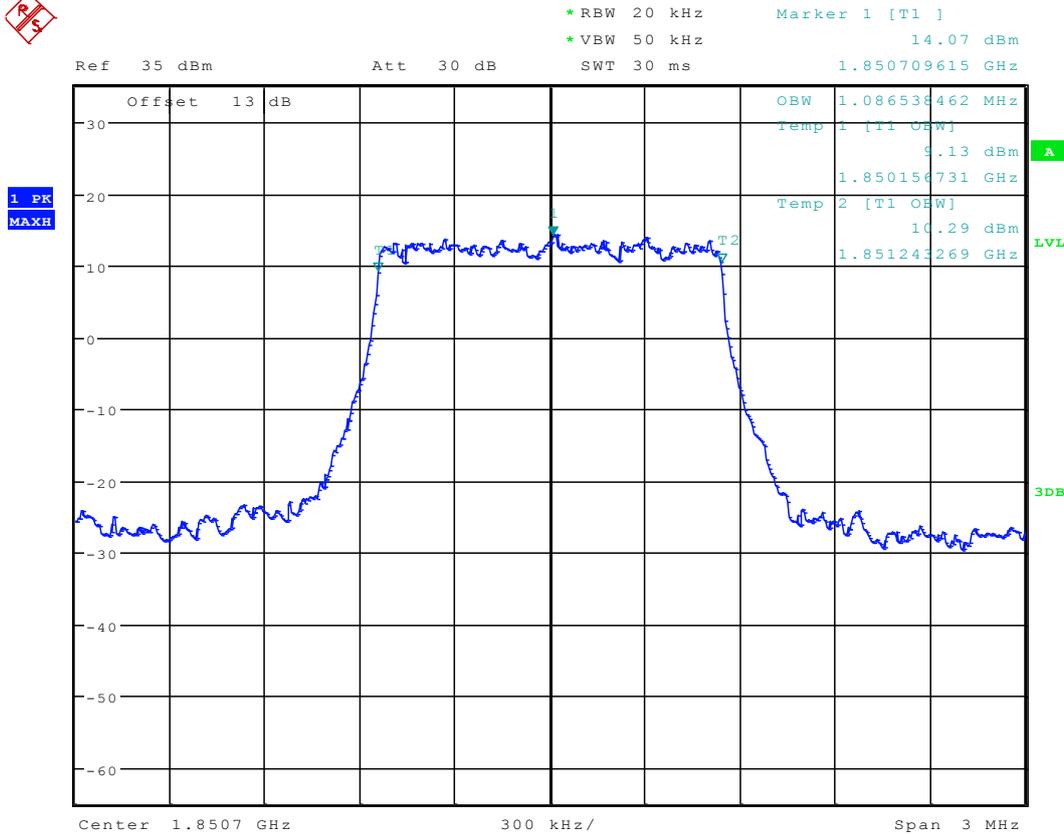
3 For Band 2

3.1 Test Mode=TM4

3.1.1 Channel Bandwidth = Lowest (1.4 MHz)

3.1.1.1 Channel = B

3.1.1.1.1 QPSK/full RBs

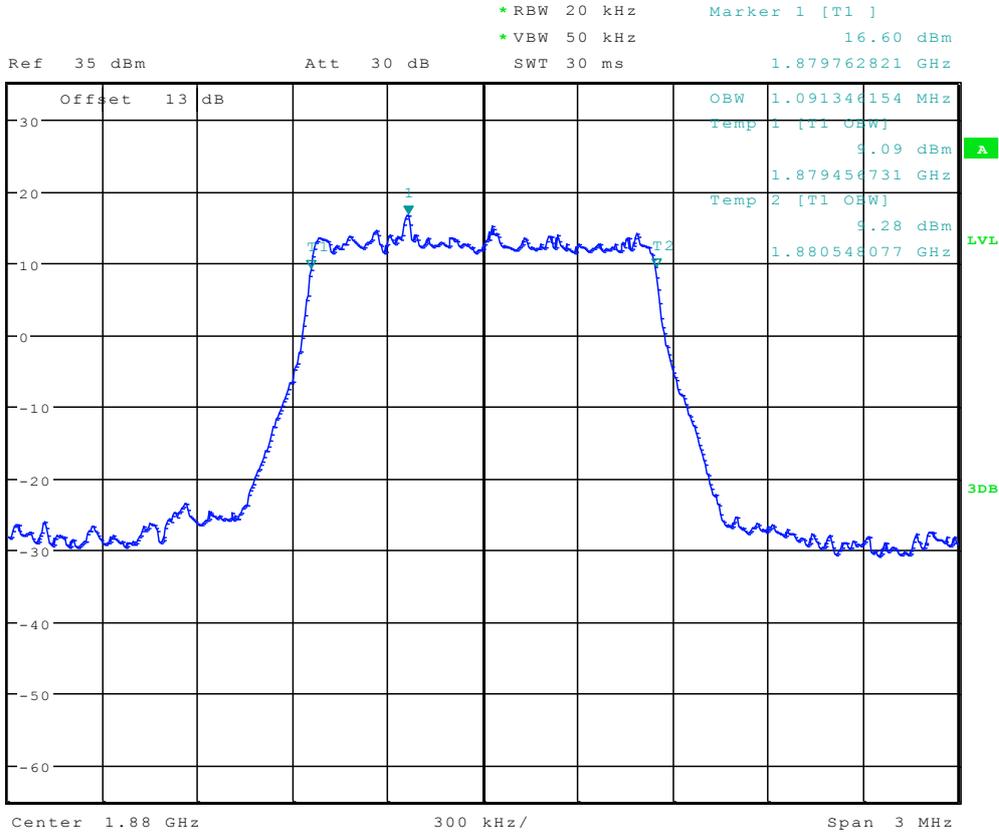


Date: 17.APR.2012 12:05:49



3.1.1.2 Channel =M

3.1.1.2.1 QPSK/full RBs

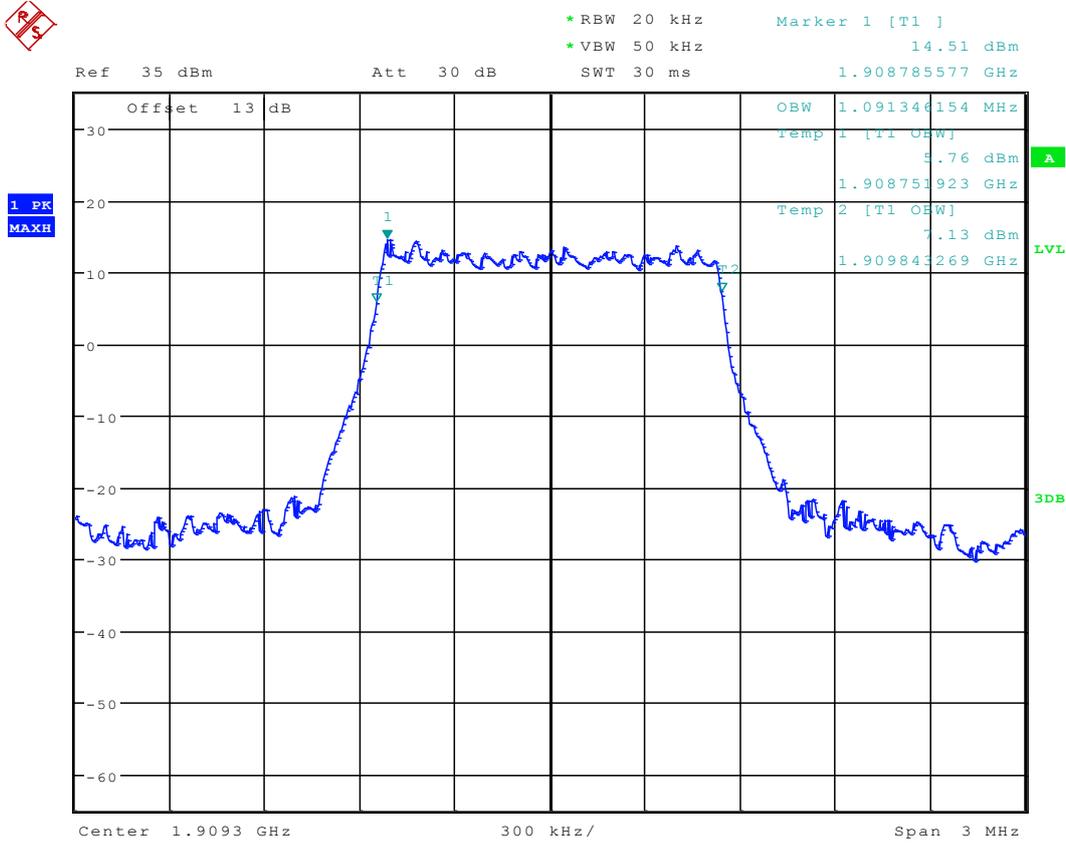


Date: 17.APR.2012 11:33:37



3.1.1.3 Channel =T

3.1.1.3.1 QPSK/full RBs



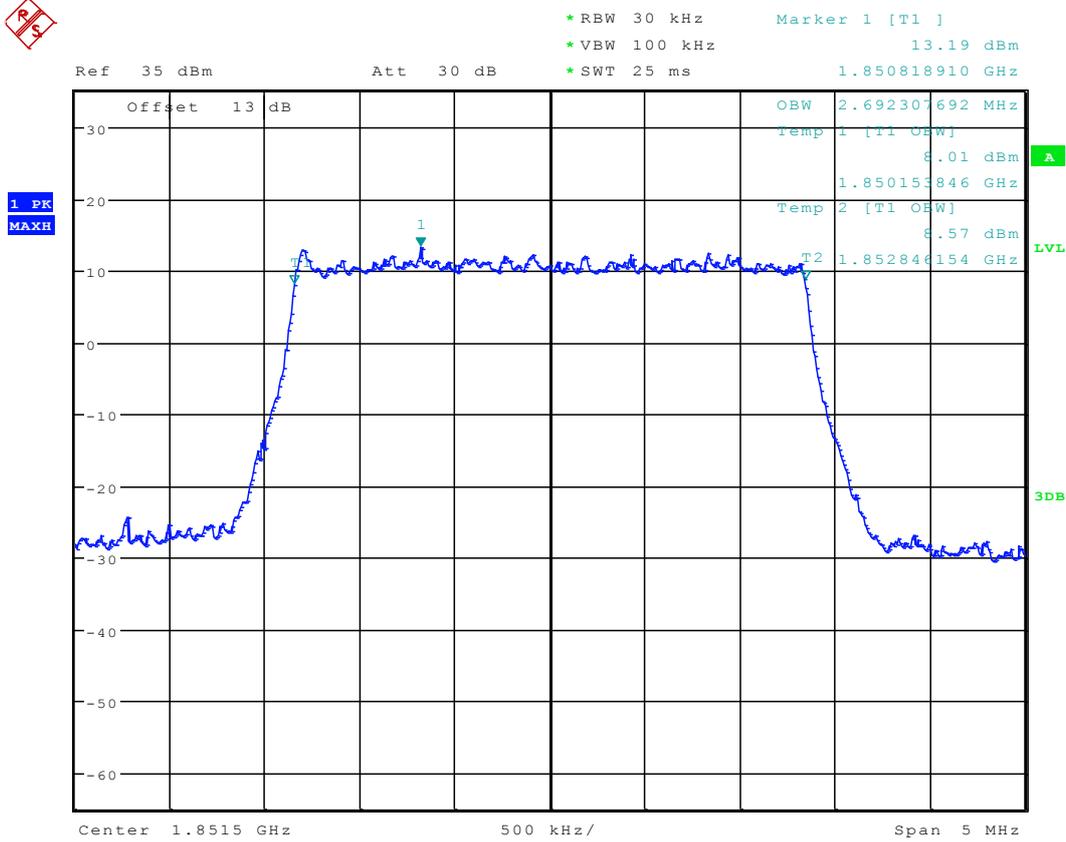
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3.1.2 Channel Bandwidth = 3 MHz

3.1.2.1 Channel = B

3.1.2.1.1 QPSK/full RBs

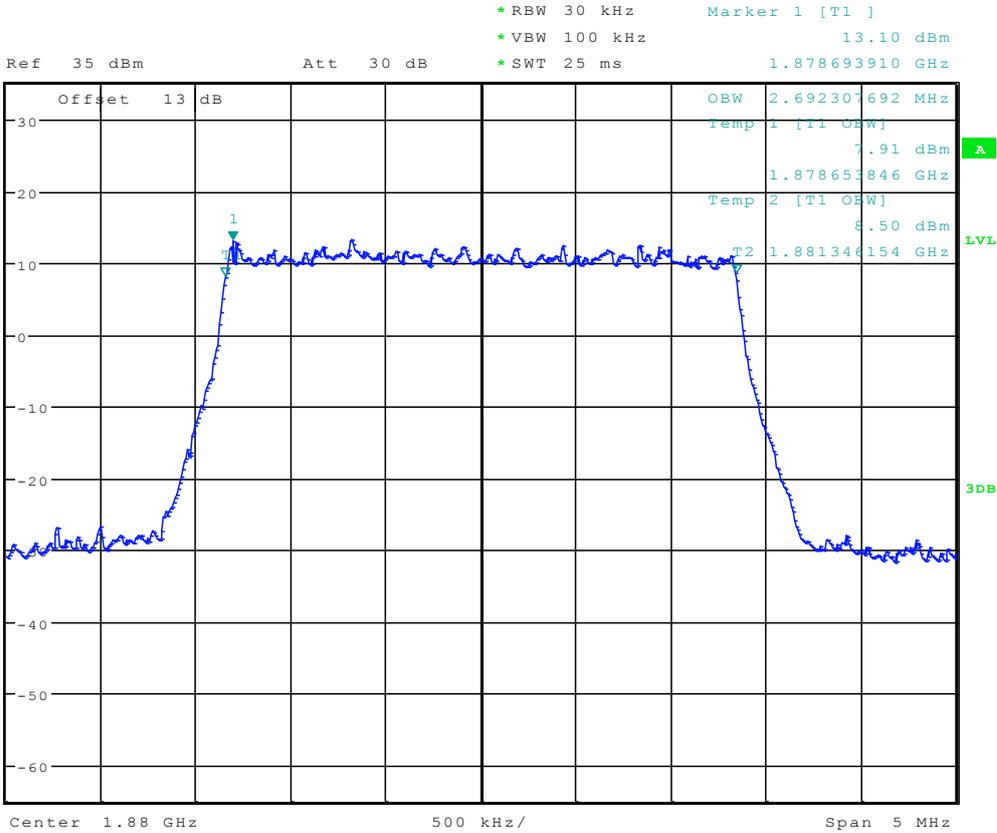


Date: 17.APR.2012 12:09:49



3.1.2.2 Channel =M

3.1.2.2.1 QPSK/full RBs

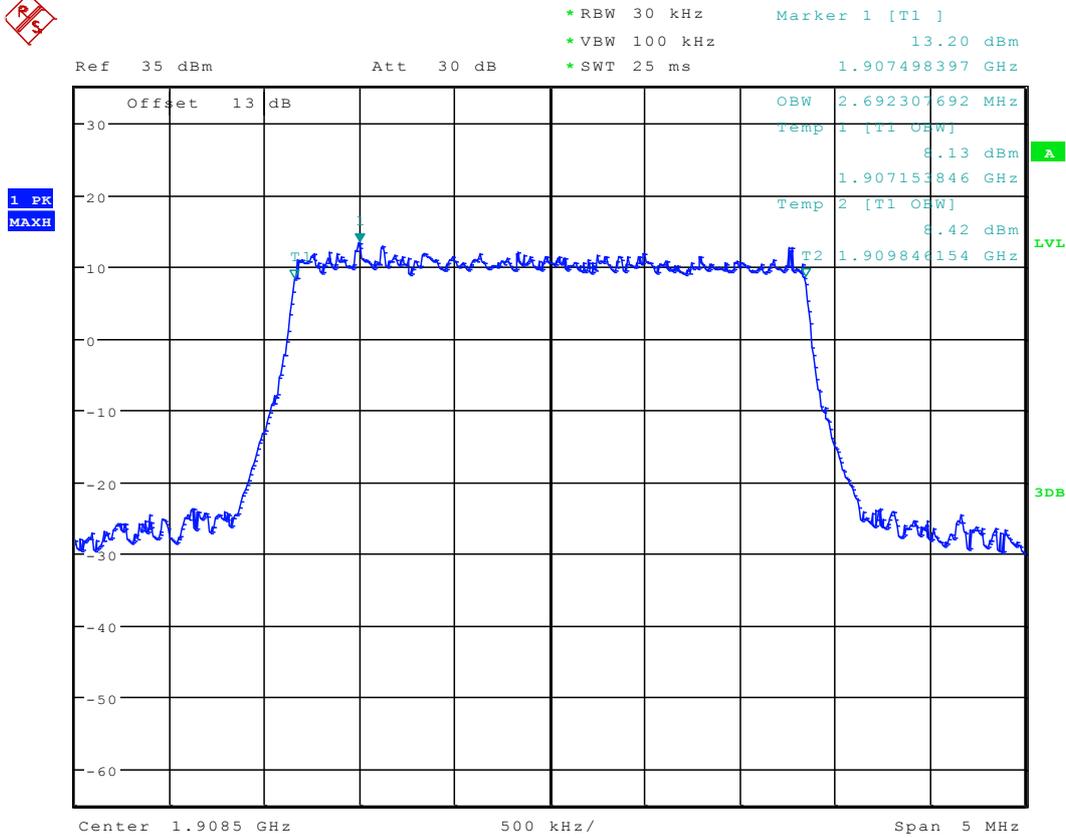


Date: 17.APR.2012 12:01:40



3.1.2.3 Channel =T

3.1.2.3.1 QPSK/full RBs

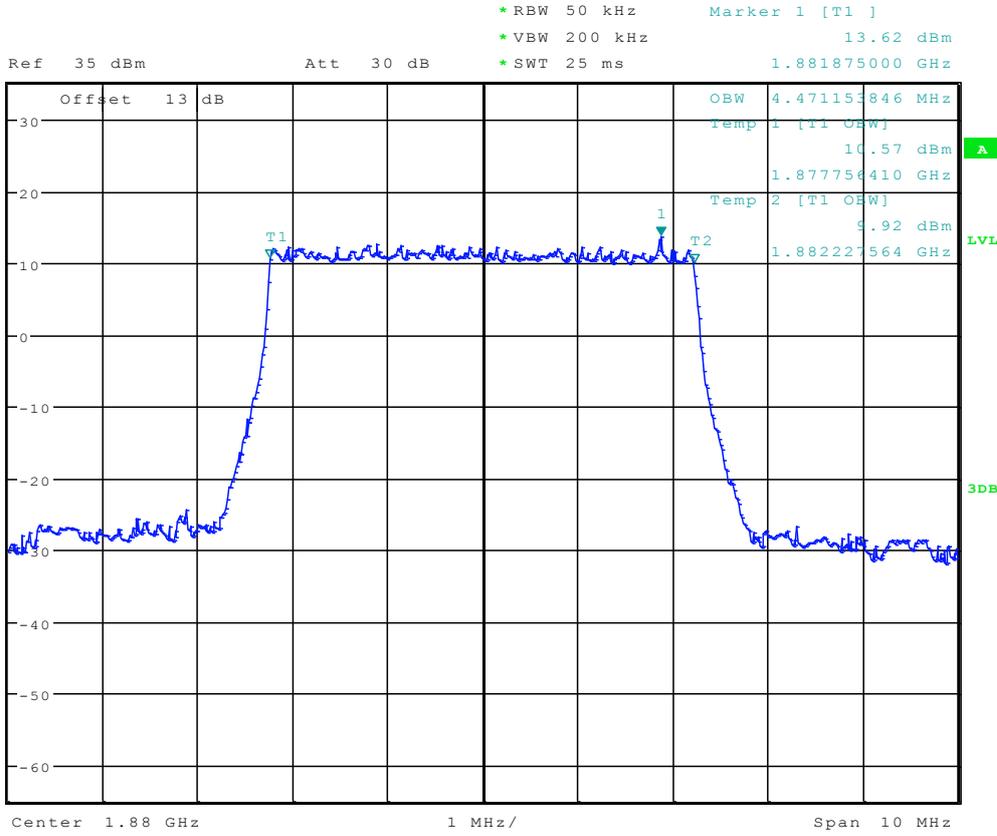


Date: 17.APR.2012 12:12:03



3.1.3.2 Channel =M

3.1.3.2.1 QPSK/full RBs

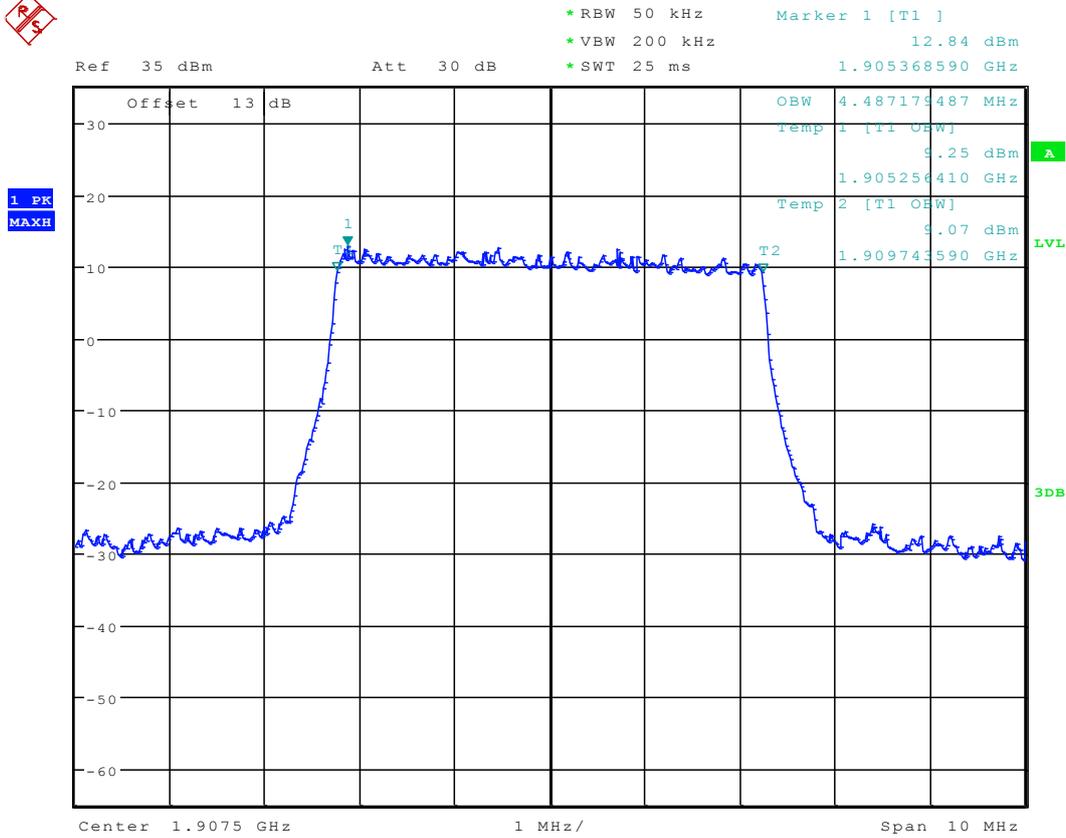


Date: 17.APR.2012 12:13:46



3.1.3.3 Channel =T

3.1.3.3.1 QPSK/full RBs



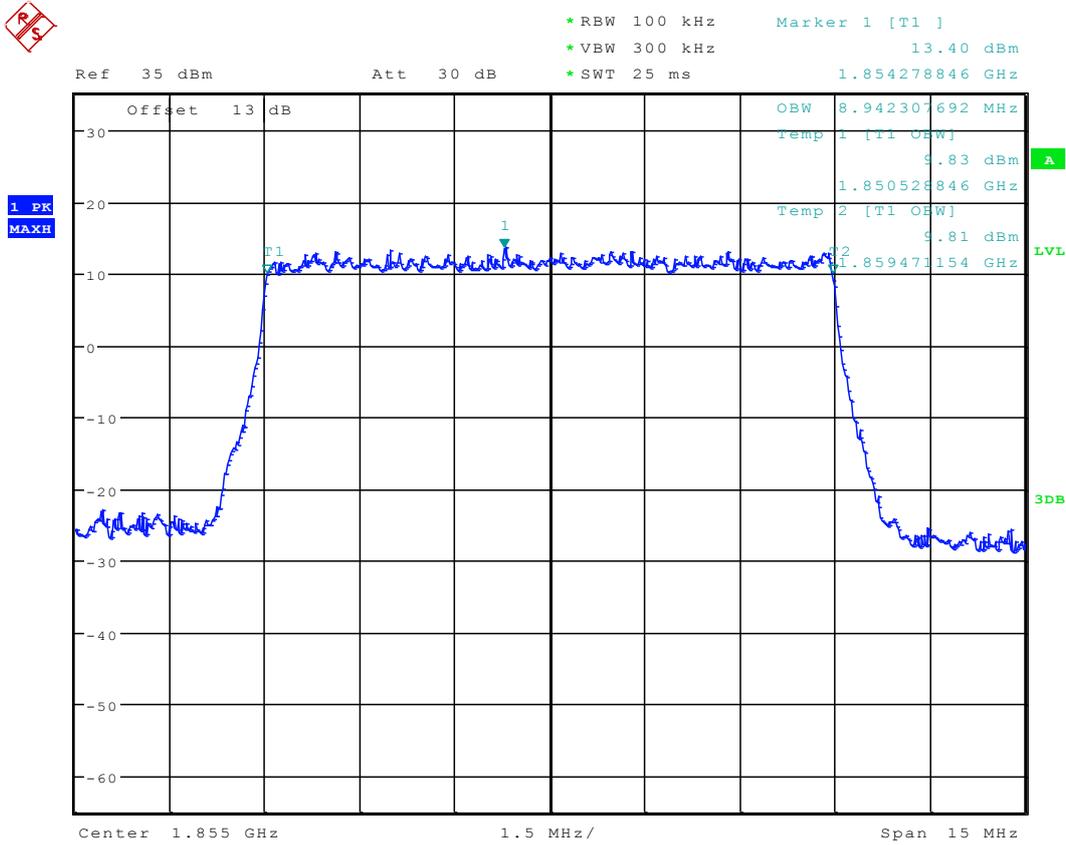
Date: 17.APR.2012 12:18:19



3.1.4 Channel Bandwidth = 10 MHz

3.1.4.1 Channel = B

3.1.4.1.1 QPSK/full RBs

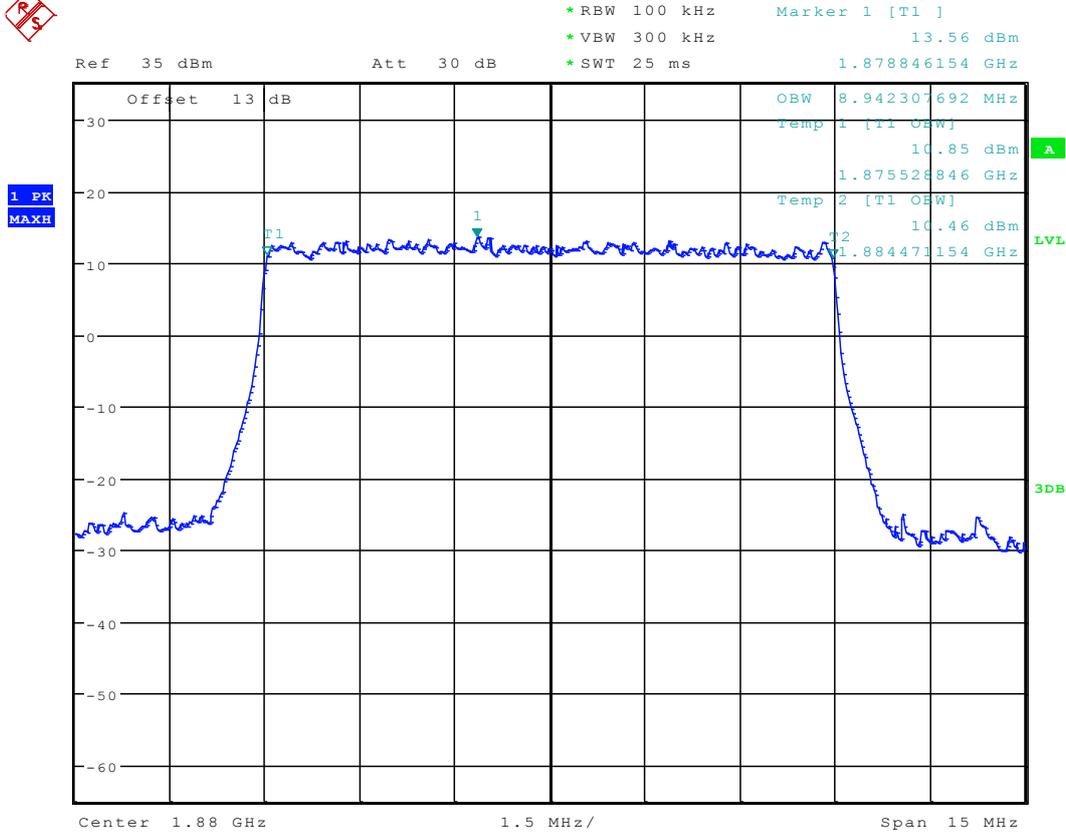


Date: 17.APR.2012 12:31:54



3.1.4.2 Channel =M

3.1.4.2.1 QPSK/full RBs

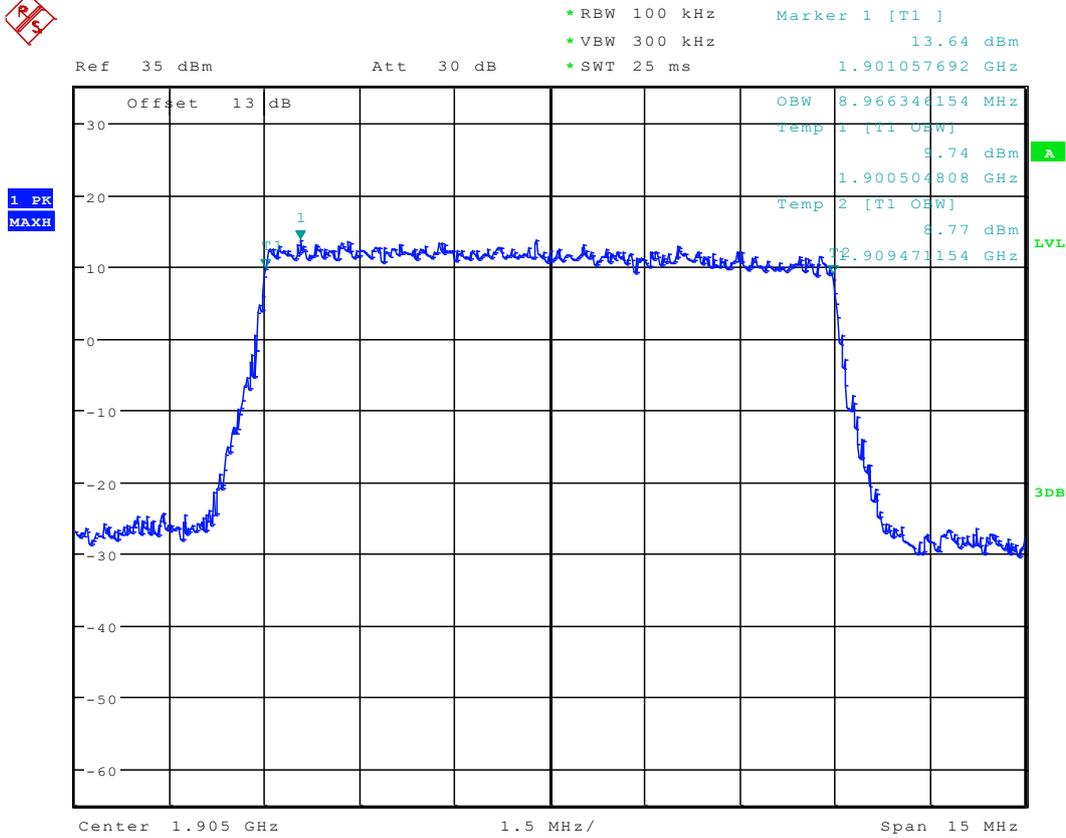


Date: 17.APR.2012 12:30:08



3.1.4.3 Channel =T

3.1.4.3.1 QPSK/full RBs



Date: 17.APR.2012 12:32:47

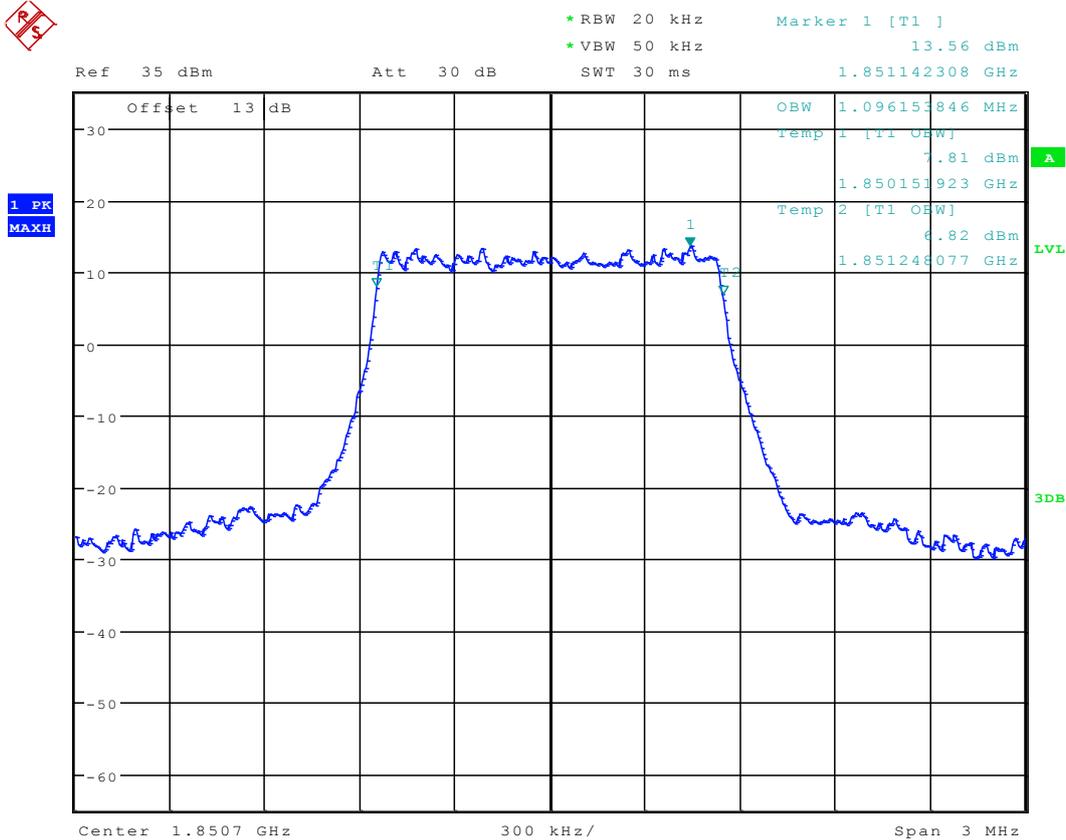


3.2 Test Mode=TM5

3.2.1 Channel Bandwidth = Lowest (1.4 MHz)

3.2.1.1 Channel = B

3.2.1.1.1 16QAM/full RBs



Date: 17.APR.2012 12:05:02

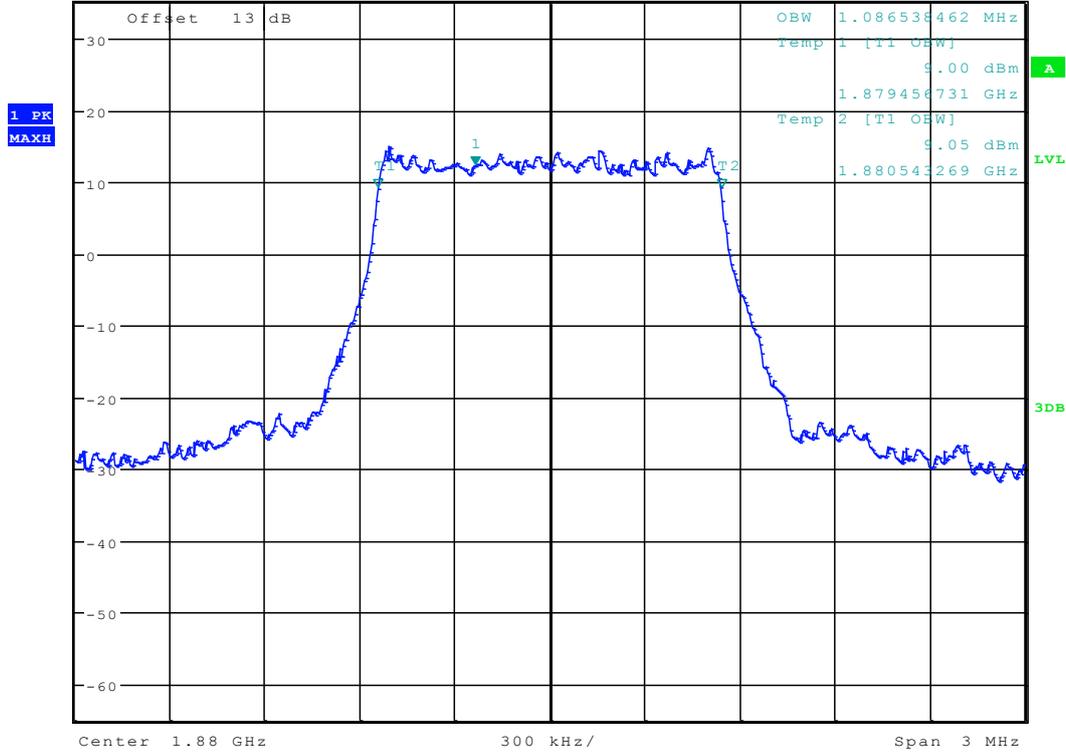


3.2.1.2 Channel =M

3.2.1.2.1 16QAM /full RBs



*RBW 20 kHz Marker 1 [T1]
 *VBW 50 kHz 12.30 dBm
 Ref 35 dBm Att 30 dB SWT 30 ms 1.879762821 GHz

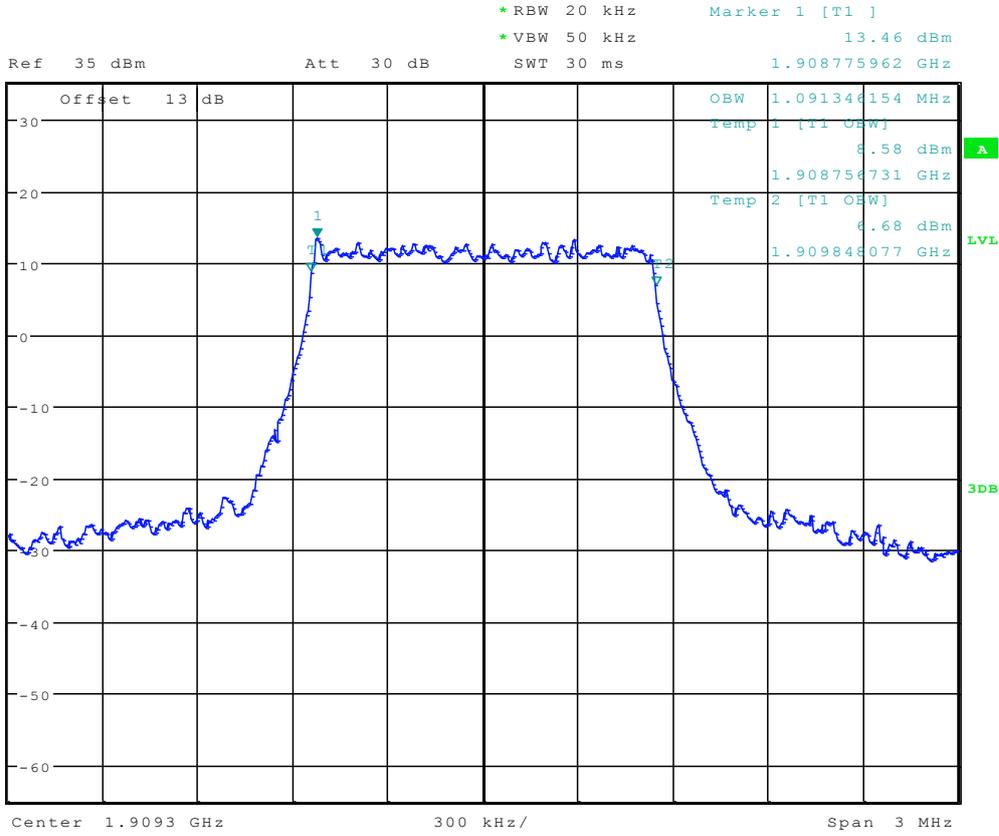


Date: 17.APR.2012 11:34:25



3.2.1.3 Channel =T

3.2.1.3.1 16QAM /full RBs



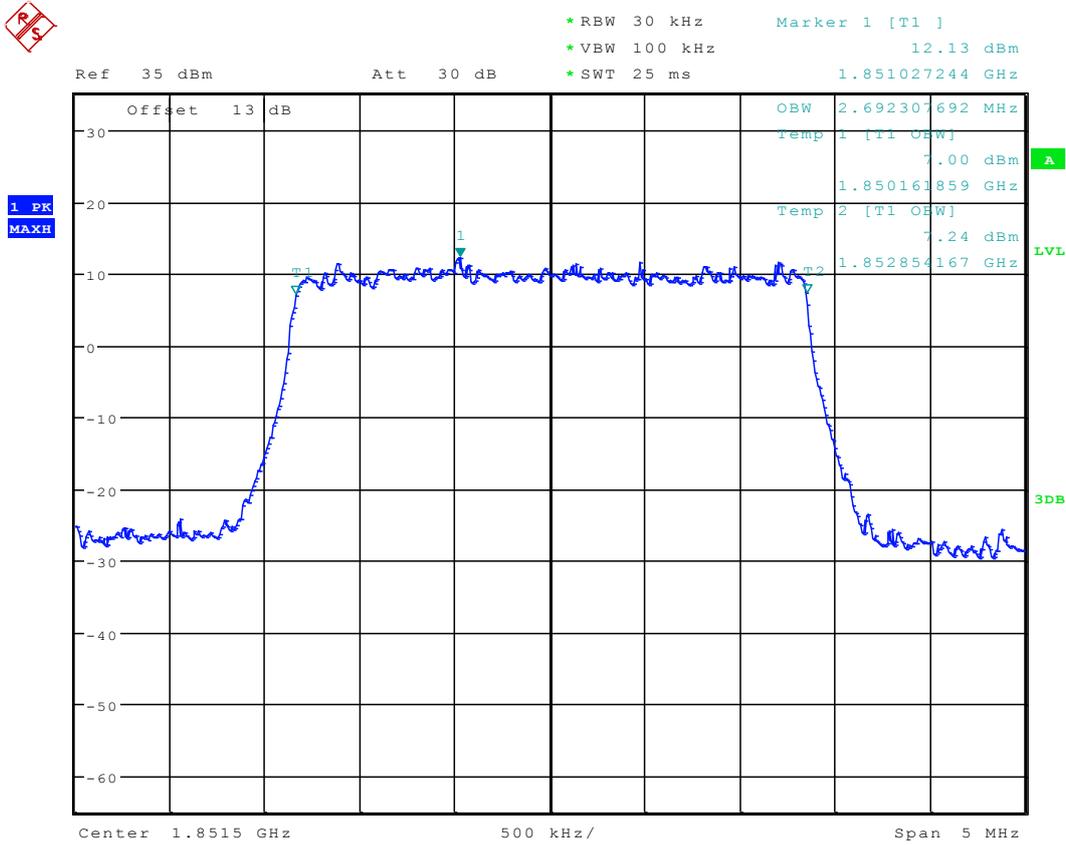
Date: 17.APR.2012 12:08:34



3.2.2 Channel Bandwidth = 3 MHz

3.2.2.1 Channel = B

3.2.2.1.1 16QAM /full RBs

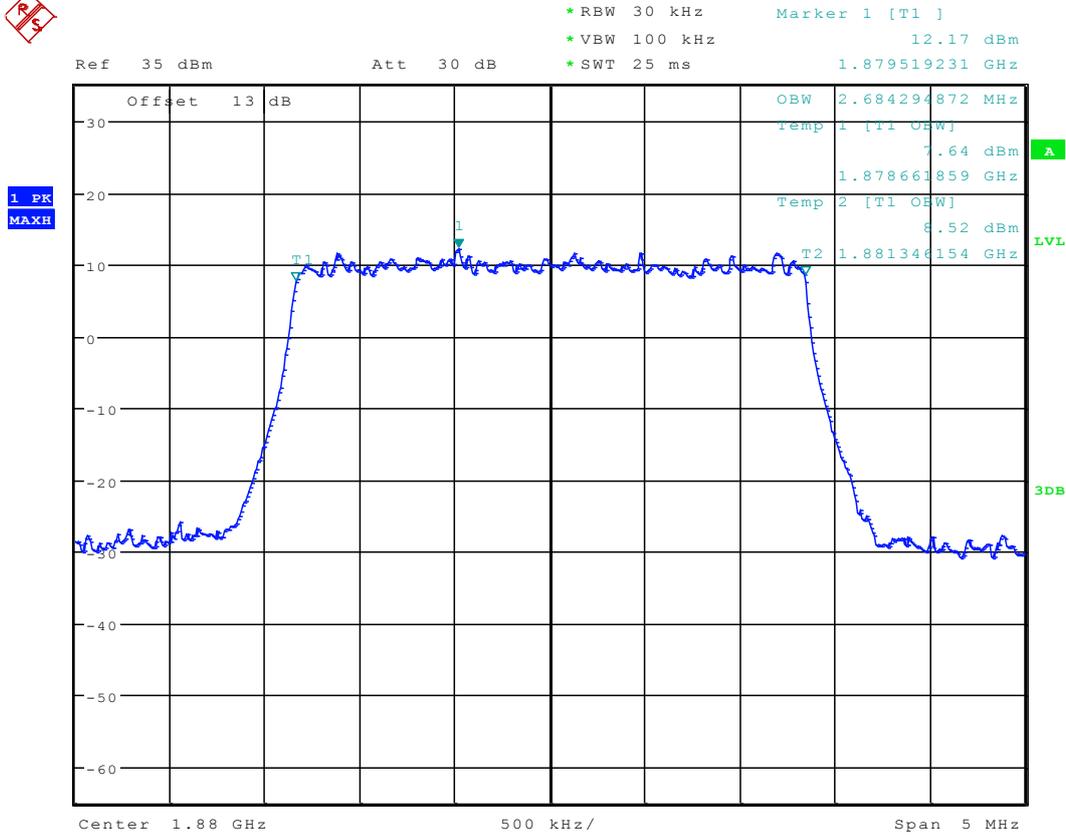


Date: 17.APR.2012 12:10:29



3.2.2.2 Channel =M

3.2.2.2.1 16QAM /full RBs

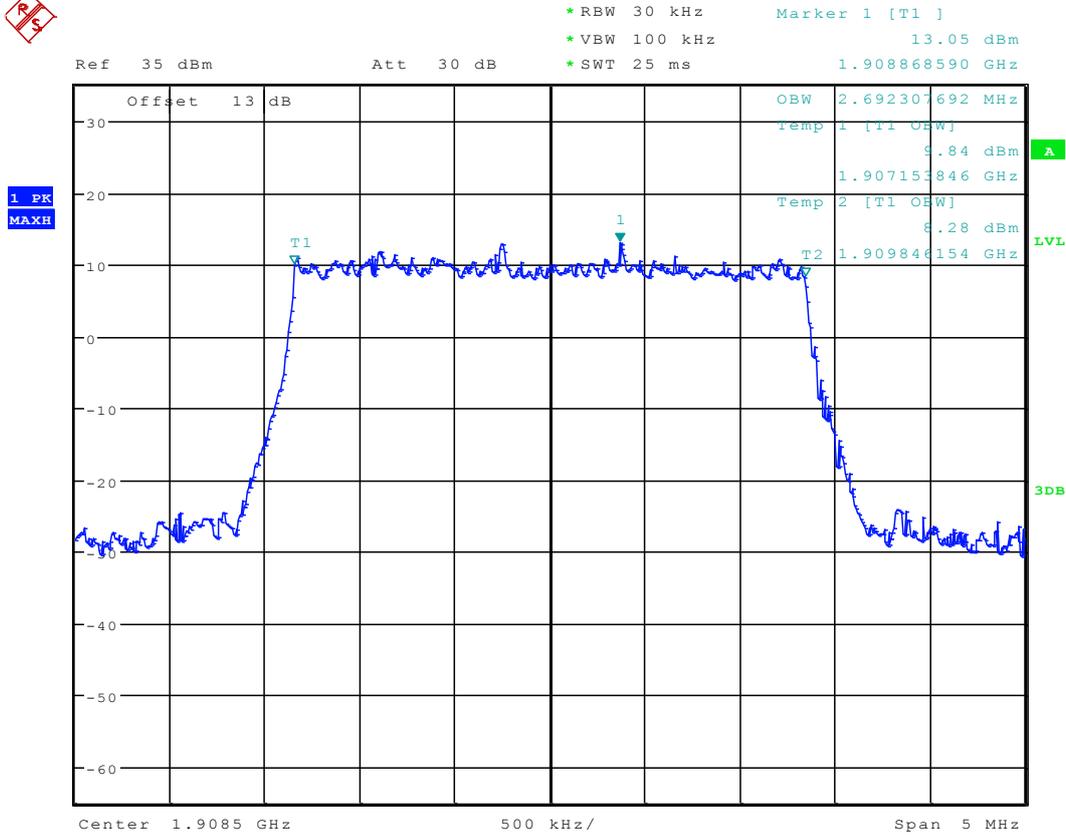


Date: 17.APR.2012 11:59:29



3.2.2.3 Channel =T

3.2.2.3.1 16QAM /full RBs



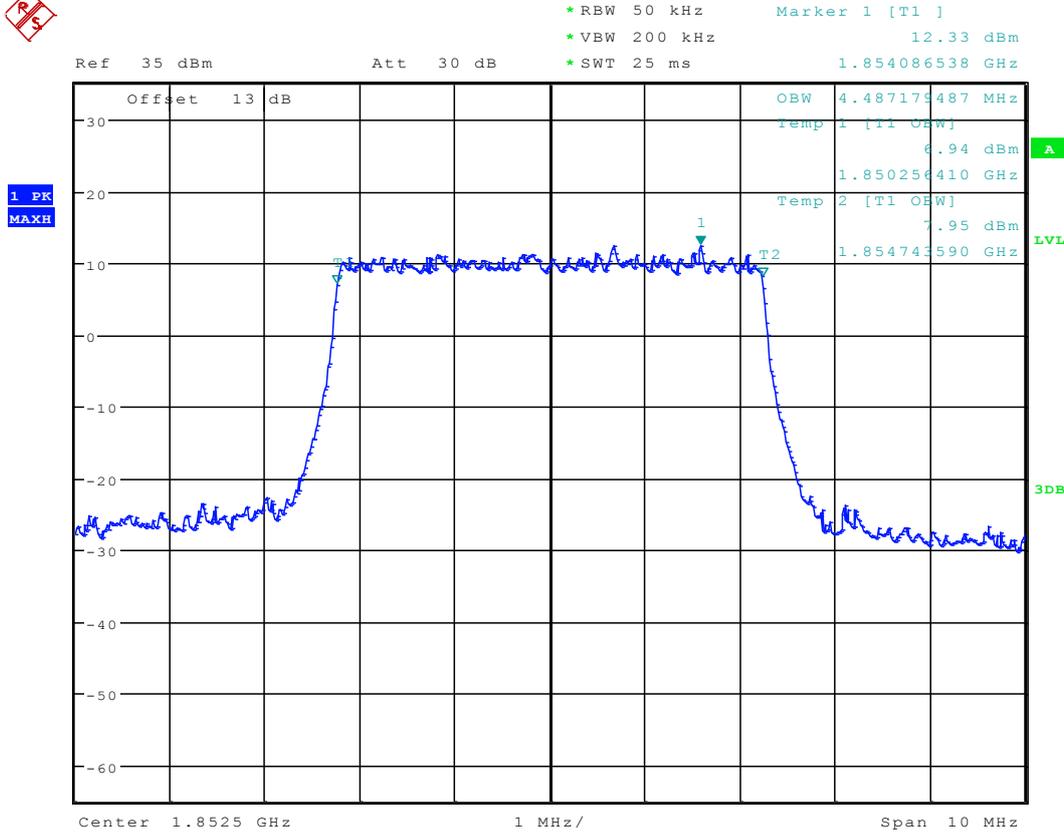
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3.2.3 Channel Bandwidth = 5 MHz

3.2.3.1 Channel = B

3.2.3.1.1 16QAM /full RBs

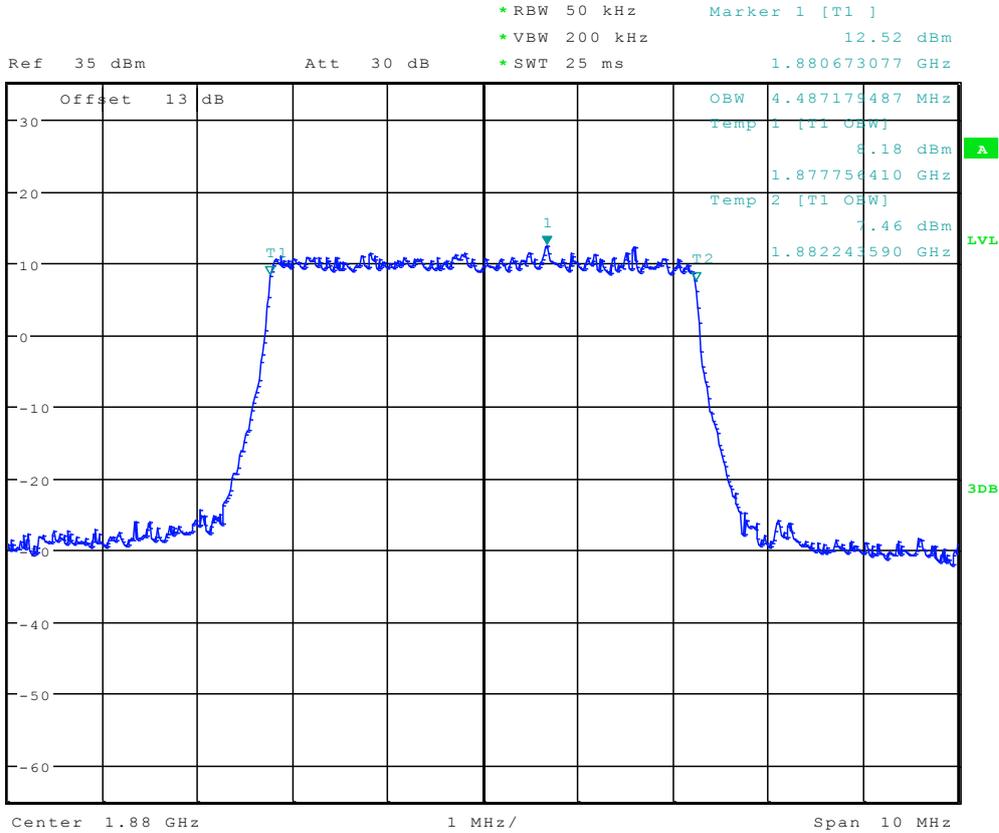


Date: 17.APR.2012 12:15:58



3.2.3.2 Channel =M

3.2.3.2.1 16QAM /full RBs

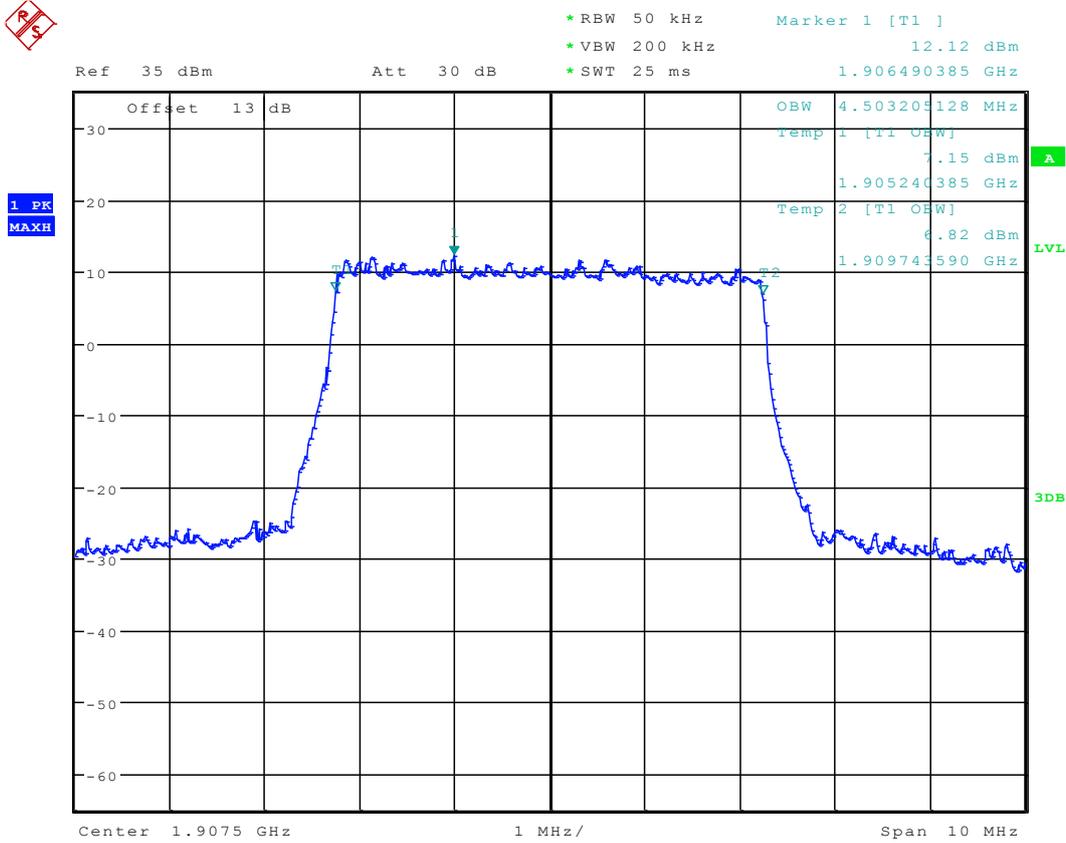


Date: 17.APR.2012 12:14:24



3.2.3.3 Channel =T

3.2.3.3.1 16QAM /full RBs



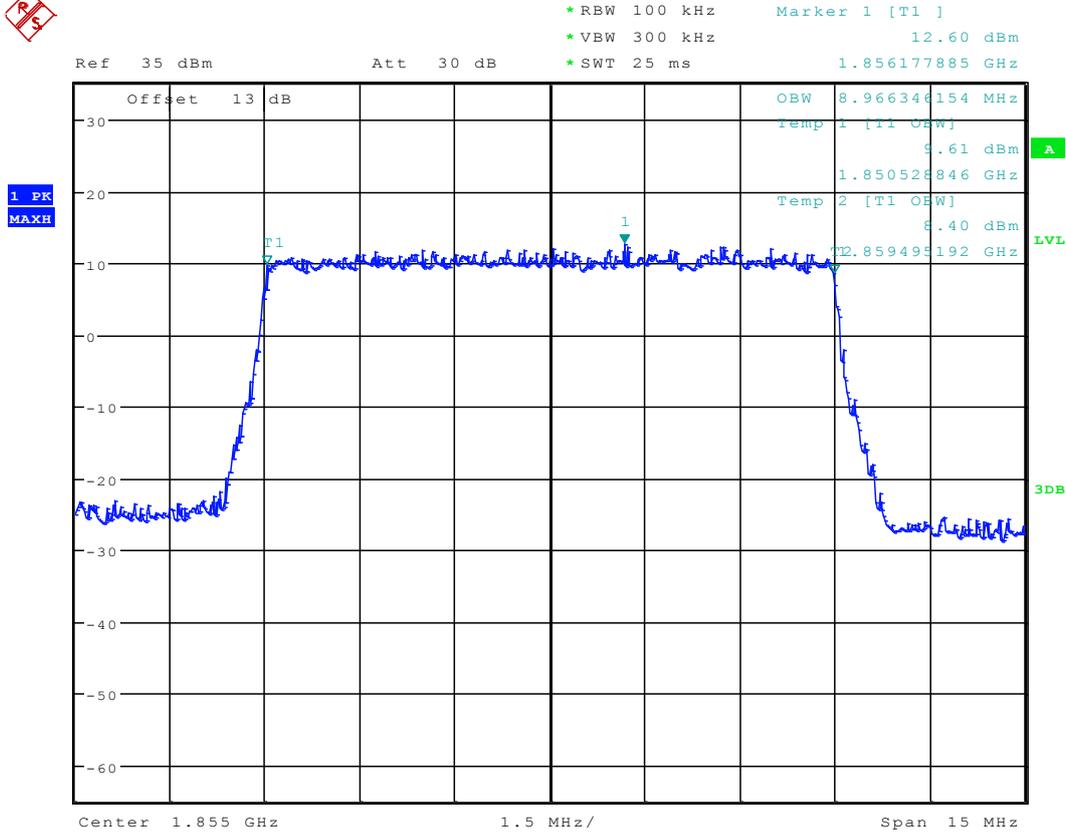
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3.2.4 Channel Bandwidth = 10 MHz

3.2.4.1 Channel = B

3.2.4.1.1 16QAM /full RBs

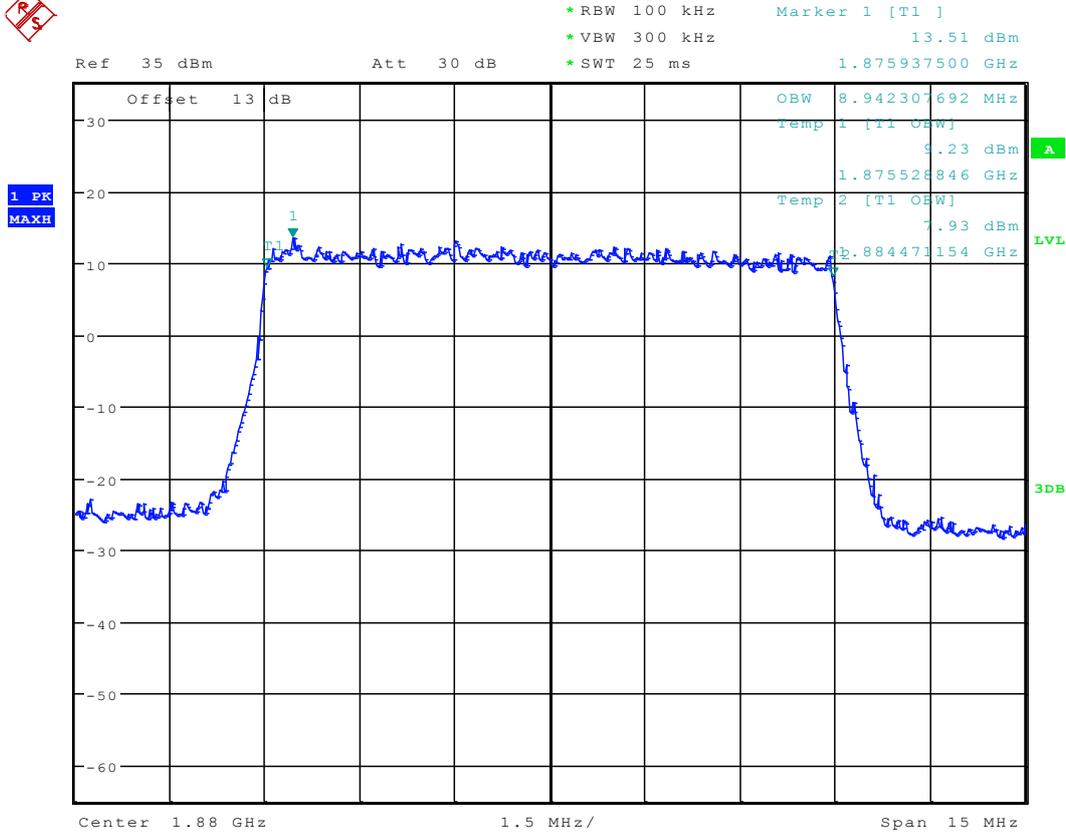


Date: 17.APR.2012 12:31:22



3.2.4.2 Channel =M

3.2.4.2.1 16QAM /full RBs

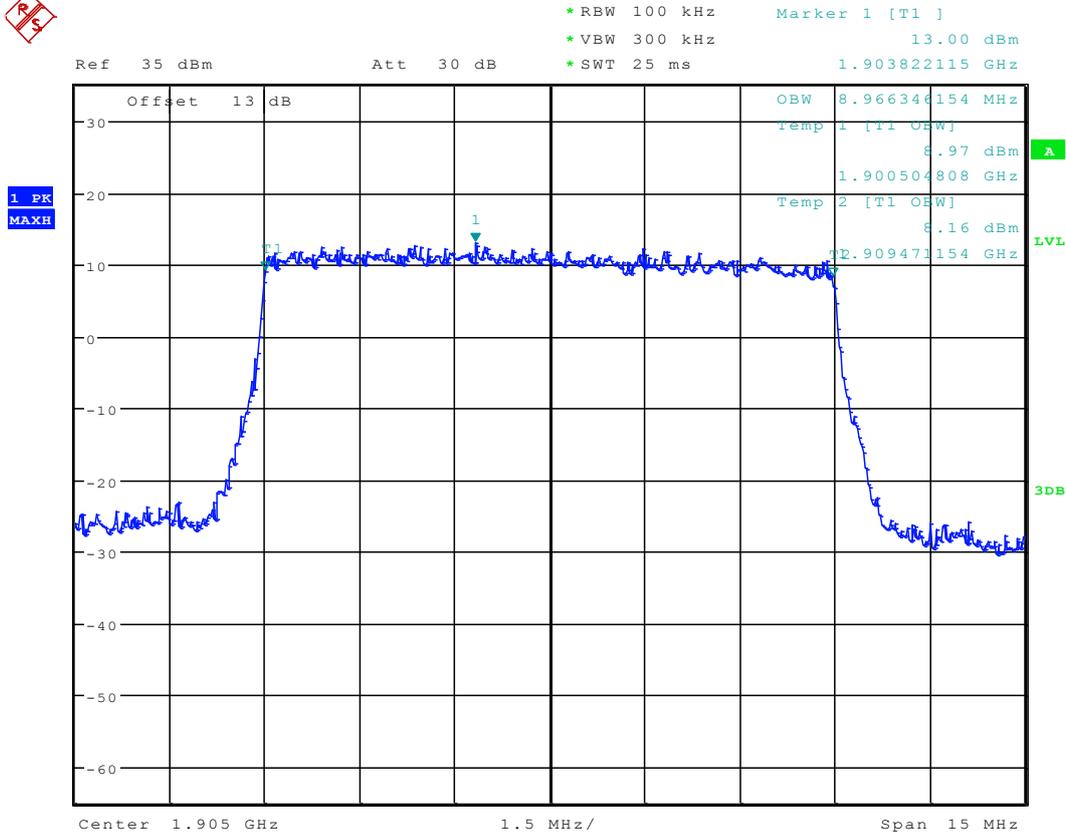


Date: 17.APR.2012 12:30:31



3.2.4.3 Channel =T

3.2.4.3.1 16QAM /full RBs



Date: 17.APR.2012 12:33:27

-----END-----