



Appendix C

Occupied Bandwidth According to FCC Part 2.1049 & Part 22 Subpart H



TABLE OF CONTENTS

TABLE OF CONTENTS.....	2
TABLE 1 MEASUREMENT RESULTS CDMA&EVDO	4
TABLE 2 MEASUREMENT RESULTS (LTE) BAND 5	4
1 FOR CDMA 800	5
1.1 TEST MODE = TM1.....	5
1.1.1.1 Channel = B.....	5
1.1.1.2 Channel = M.....	6
1.1.1.3 Channel = T.....	7
1.2 TEST MODE = TM3.....	8
1.2.1.1 Channel = B.....	8
1.2.1.2 Channel = M.....	9
1.2.1.3 Channel = T.....	10
2 FOR EVDO 800	11
2.1 TEST MODE = SUBTYPE 0.....	11
2.1.1.1 Channel = B.....	11
2.1.1.2 Channel = M.....	12
2.1.1.3 Channel = T.....	13
2.2 TEST MODE = SUBTYPE 2.....	14
2.2.1.1 Channel = B.....	14
2.2.1.2 Channel = M.....	15
2.2.1.3 Channel = T.....	16
3 FOR BAND 5.....	17
3.1 TEST MODE=TM4.....	17
3.1.1 Channel Bandwidth = Lowest (1.4 MHz)	17
3.1.1.1 Channel = B.....	17
3.1.1.1.1 QPSK/full RBs.....	17
3.1.1.2 Channel =M.....	18
3.1.1.2.1 QPSK/full RBs.....	18
3.1.1.3 Channel =T.....	19
3.1.1.3.1 QPSK/full RBs.....	19
3.1.2 Channel Bandwidth = 3 MHz	20
3.1.2.1 Channel = B.....	20
3.1.2.1.1 QPSK/full RBs.....	20
3.1.2.2 Channel =M.....	21
3.1.2.2.1 QPSK/full RBs.....	21
3.1.2.3 Channel =T.....	22
3.1.2.3.1 QPSK/full RBs.....	22
3.1.3 Channel Bandwidth = 5 MHz	23
3.1.3.1 Channel = B.....	23
3.1.3.1.1 QPSK/full RBs.....	23
3.1.3.2 Channel =M.....	24
3.1.3.2.1 QPSK/full RBs.....	24
3.1.3.3 Channel =T.....	25
3.1.3.3.1 QPSK/full RBs.....	25
3.1.4 Channel Bandwidth = 10 MHz	26
3.1.4.1 Channel = B.....	26
3.1.4.1.1 QPSK/full RBs.....	26



3.1.4.2	Channel =M.....	27
3.1.4.2.1	QPSK/full RBs.....	27
3.1.4.3	Channel =T.....	28
3.1.4.3.1	QPSK/full RBs.....	28
3.2	TEST MODE=TM5.....	29
3.2.1	<i>Channel Bandwidth = Lowest (1.4 MHz)</i>	29
3.2.1.1	Channel = B.....	29
3.2.1.1.1	16QAM/full RBs.....	29
3.2.1.2	Channel =M.....	30
3.2.1.2.1	16QAM /full RBs.....	30
3.2.1.3	Channel =T.....	31
3.2.1.3.1	16QAM /full RBs.....	31
3.2.2	<i>Channel Bandwidth = 3 MHz</i>	32
3.2.2.1	Channel = B.....	32
3.2.2.1.1	16QAM /full RBs.....	32
3.2.2.2	Channel =M.....	33
3.2.2.2.1	16QAM /full RBs.....	33
3.2.2.3	Channel =T.....	34
3.2.2.3.1	16QAM /full RBs.....	34
3.2.3	<i>Channel Bandwidth = 5 MHz</i>	35
3.2.3.1	Channel = B.....	35
3.2.3.1.1	16QAM /full RBs.....	35
3.2.3.2	Channel =M.....	36
3.2.3.2.1	16QAM /full RBs.....	36
3.2.3.3	Channel =T.....	37
3.2.3.3.1	16QAM /full RBs.....	37
3.2.4	<i>Channel Bandwidth = 10 MHz</i>	38
3.2.4.1	Channel = B.....	38
3.2.4.1.1	16QAM /full RBs.....	38
3.2.4.2	Channel =M.....	39
3.2.4.2.1	16QAM /full RBs.....	39
3.2.4.3	Channel =T.....	40
3.2.4.3.1	16QAM /full RBs.....	40



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	1.28	Pass
	M	1.28	Pass
	T	1.28	Pass
Subtype 0	B	1.28	Pass
	M	1.27	Pass
	T	1.27	Pass
Subtype 2	B	1.28	Pass
	M	1.27	Pass
	T	1.27	Pass

Table 2 Measurement Results (LTE) BAND 5

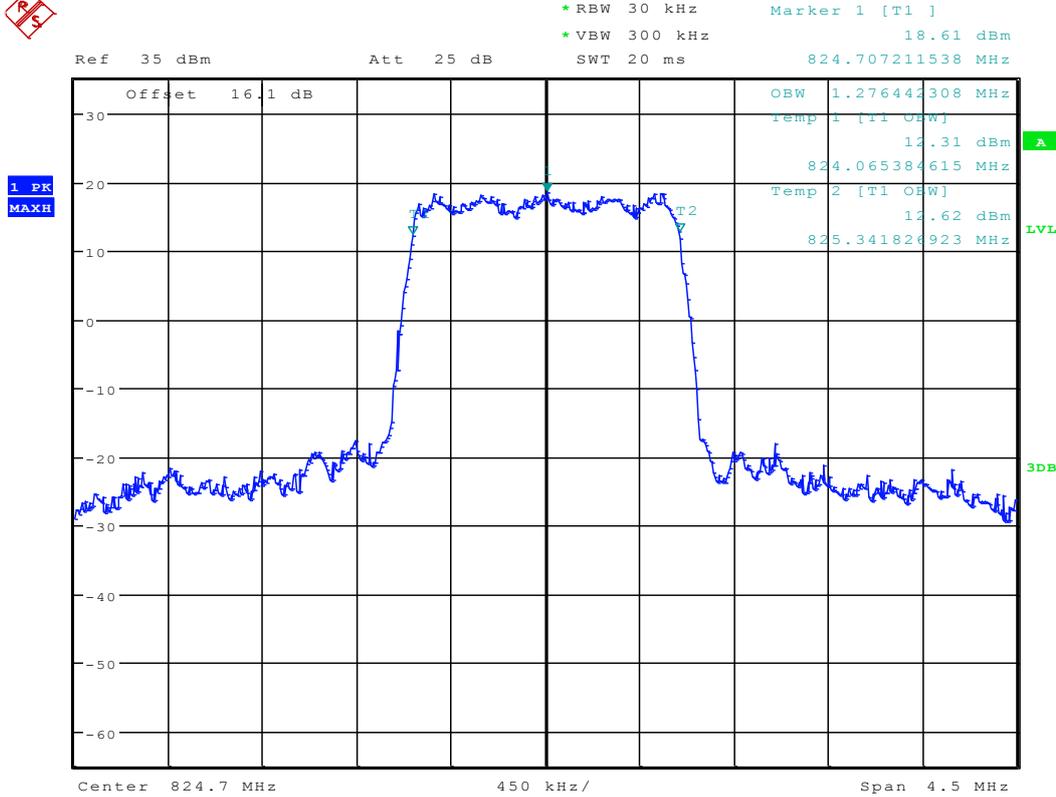
Test Mode	Carrier Conf.	RF Ch.	Occupied Bandwidth [MHz]	Verdict
TM4	1.4 MHz	B	1.09	Pass
		M	1.09	Pass
		T	1.09	Pass
	3 MHz	B	2.70	Pass
		M	2.70	Pass
		T	2.70	Pass
	5 MHz	B	4.49	Pass
		M	4.47	Pass
		T	4.49	Pass
	10 MHz	B	8.92	Pass
		M	8.97	Pass
		T	8.94	Pass
TM5	1.4 MHz	B	1.10	Pass
		M	1.10	Pass
		T	1.09	Pass
	3 MHz	B	2.69	Pass
		M	2.69	Pass
		T	2.68	Pass
	5 MHz	B	4.49	Pass
		M	4.50	Pass
		T	4.49	Pass
	10 MHz	B	8.89	Pass
		M	8.97	Pass
		T	8.92	Pass



1 For CDMA 800

1.1 Test Mode = TM1

1.1.1.1 Channel = B



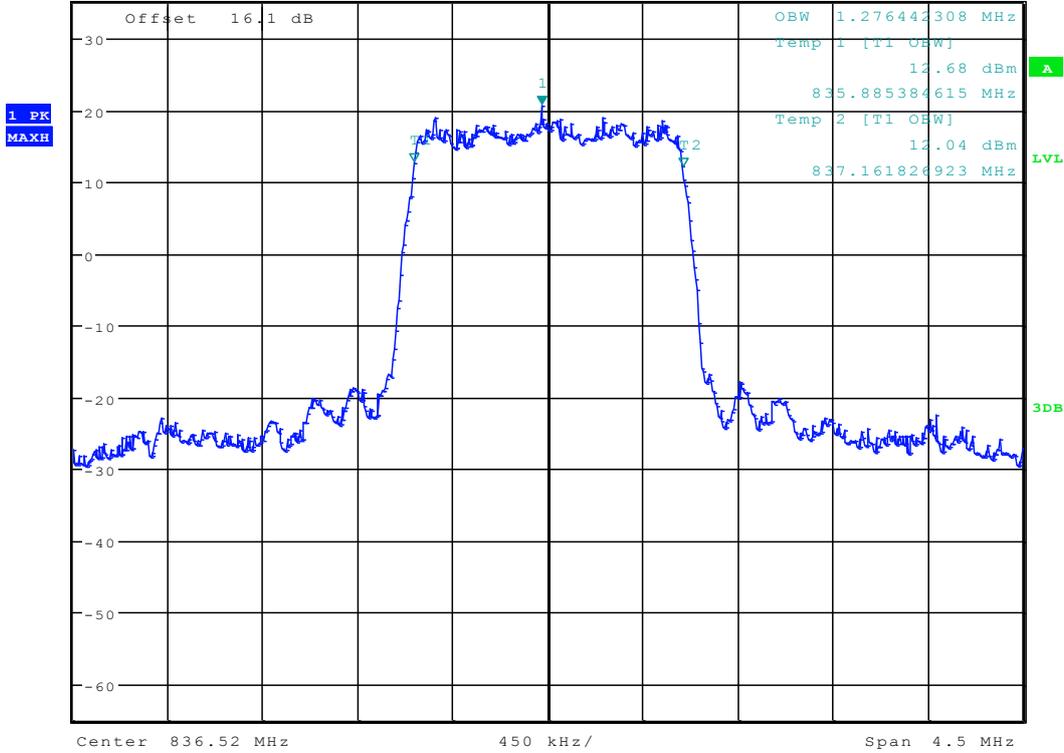
Date: 13.APR.2012 23:06:21



1.1.1.2 Channel = M



*RBW 30 kHz Marker 1 [T1]
*VBW 300 kHz 20.53 dBm
Ref 35 dBm Att 25 dB SWT 20 ms 836.491153846 MHz



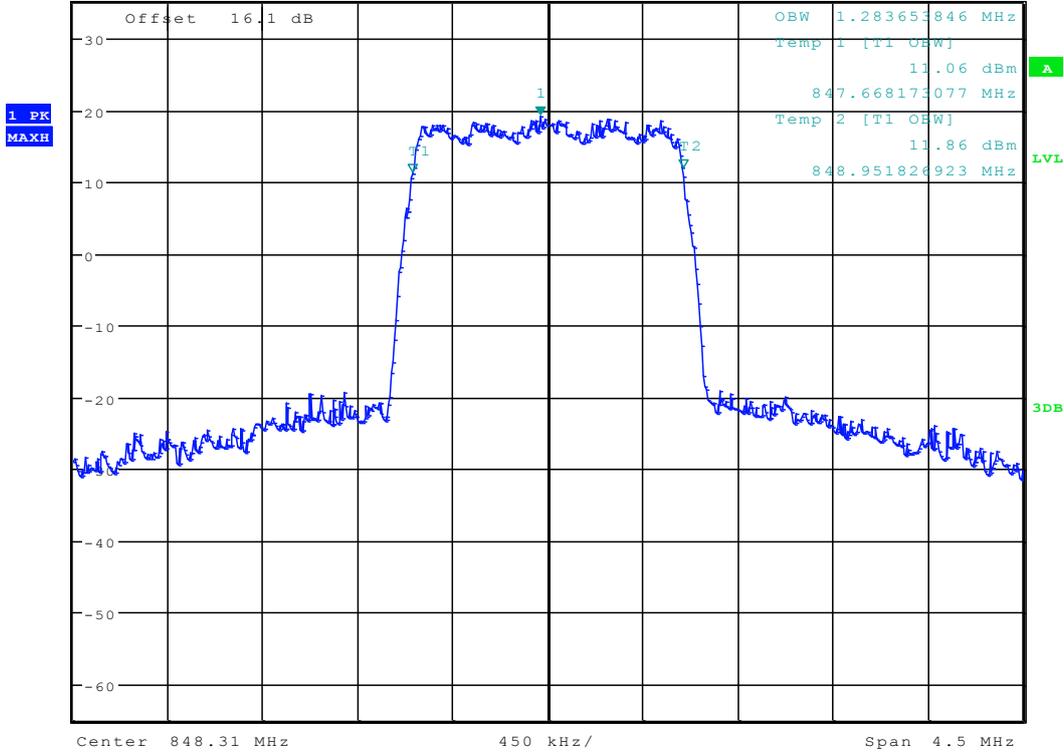
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1.1.1.3 Channel = T



*RBW 30 kHz Marker 1 [T1]
*VBW 300 kHz 19.21 dBm
Ref 35 dBm Att 25 dB SWT 20 ms 848.273942308 MHz

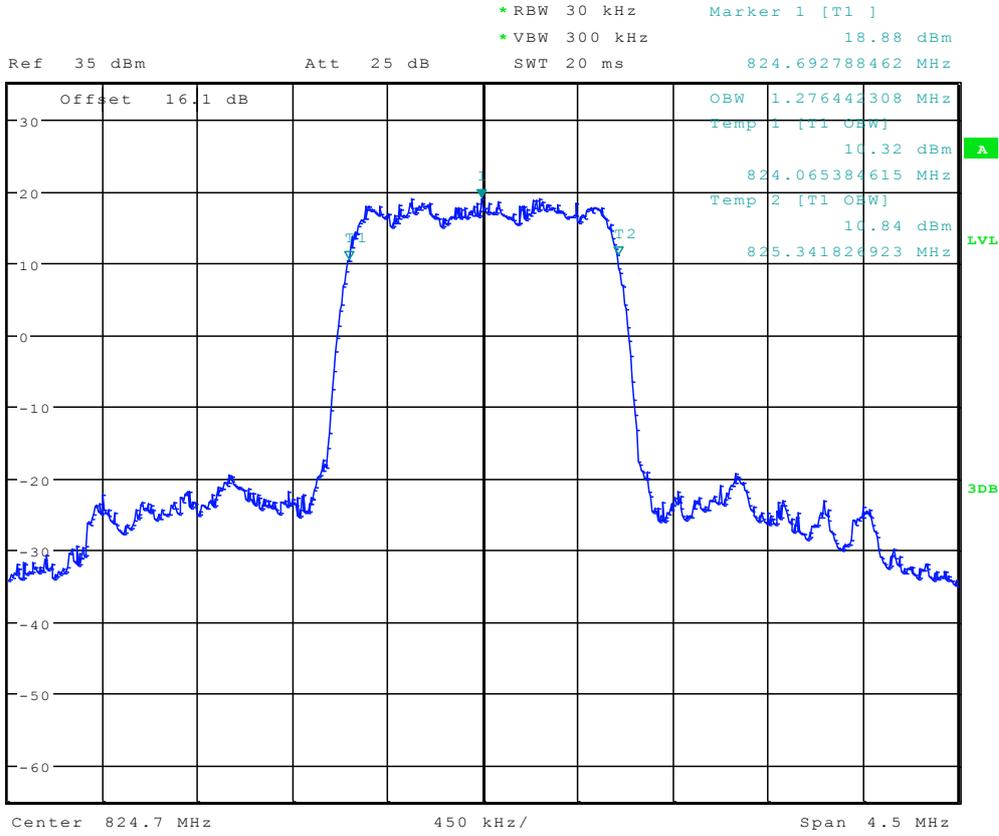


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1.2 Test Mode = TM3

1.2.1.1 Channel = B



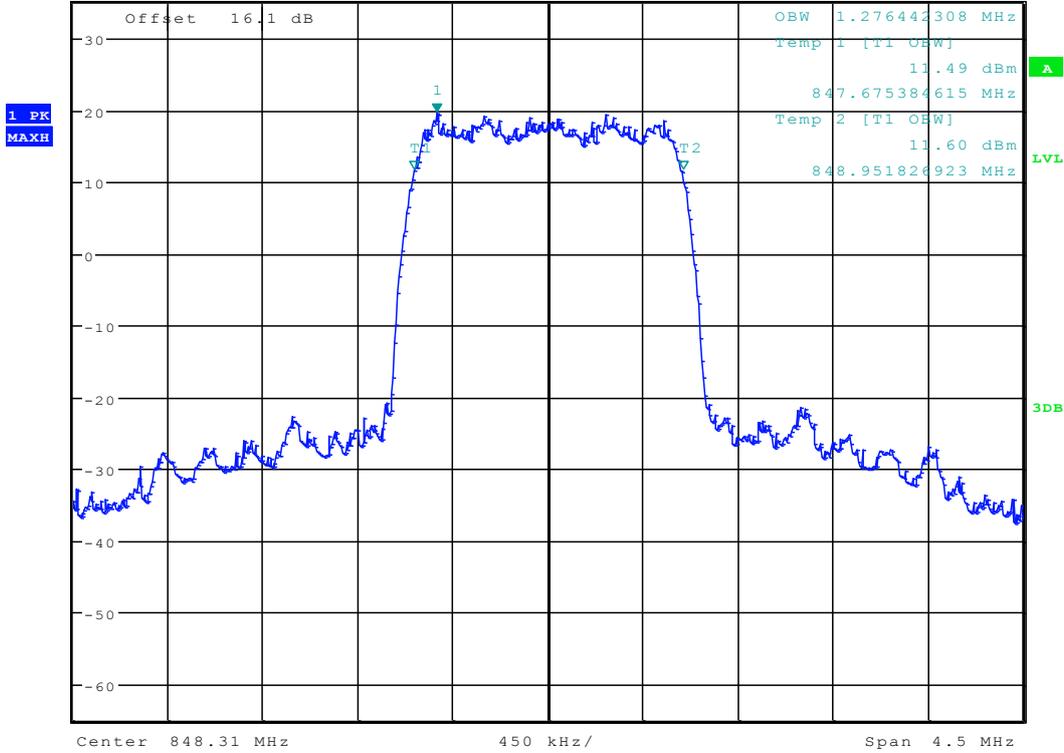
Date: 13.APR.2012 23:07:03



1.2.1.3 Channel = T



*RBW 30 kHz Marker 1 [T1]
*VBW 300 kHz 19.52 dBm
Ref 35 dBm Att 25 dB SWT 20 ms 847.783557692 MHz



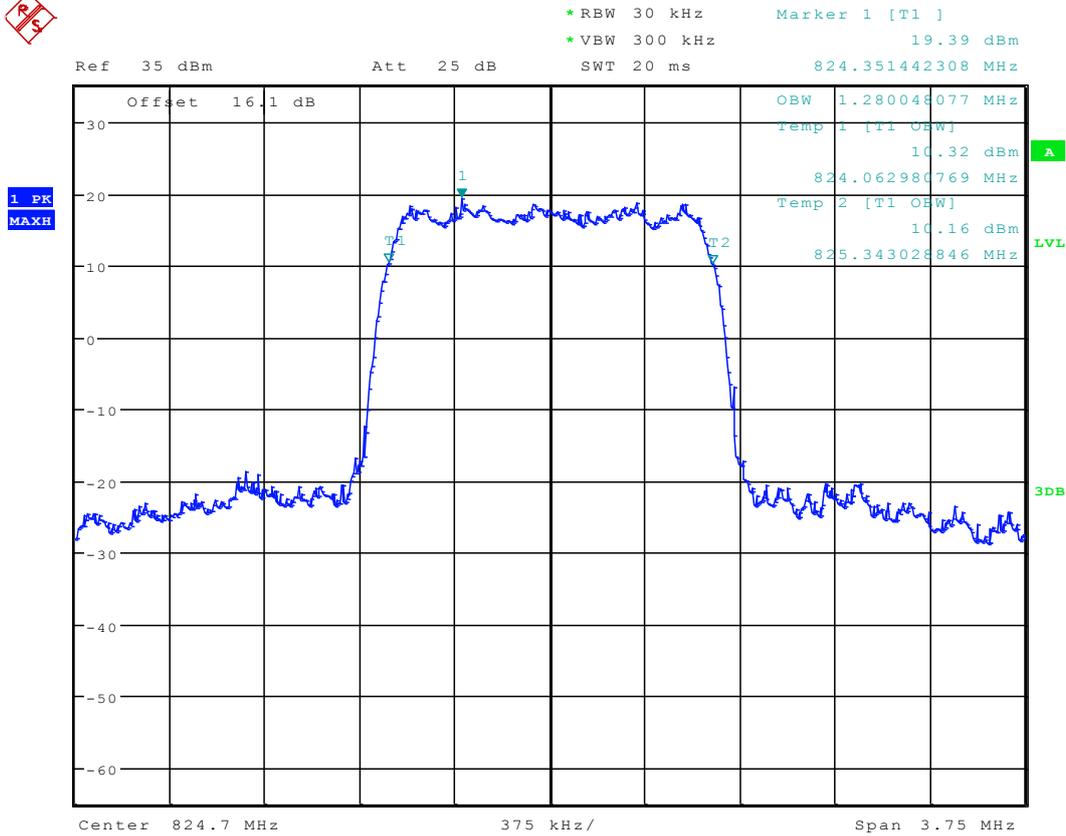
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2 For EVDO 800

2.1 Test Mode = Subtype 0

2.1.1.1 Channel = B



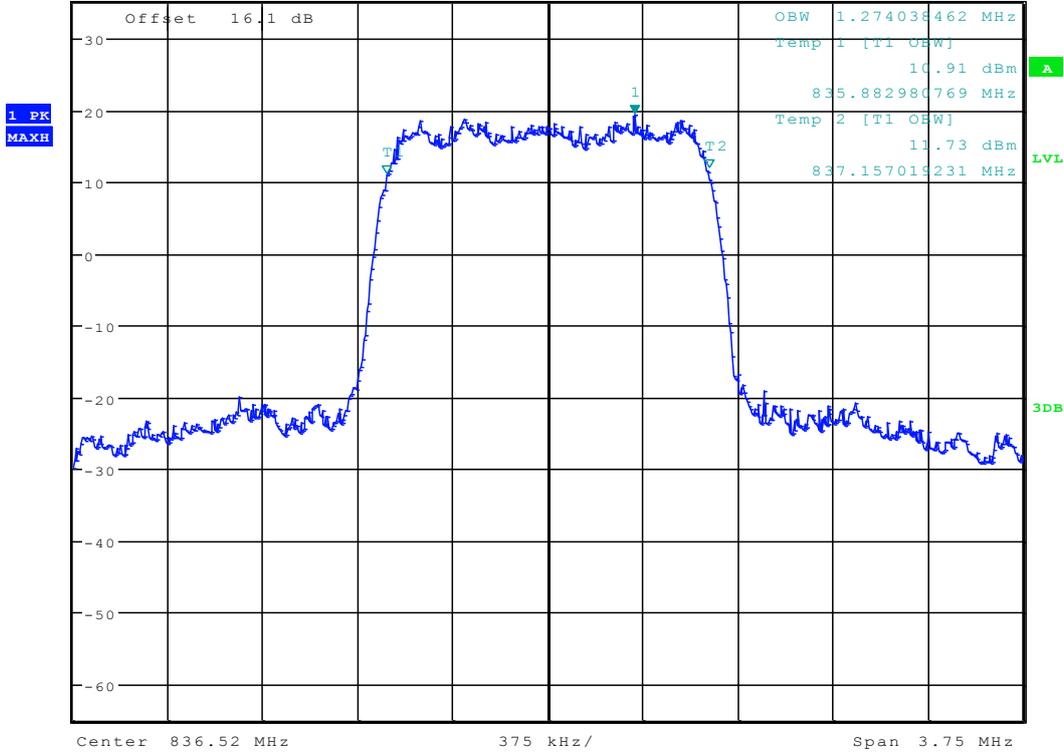
Date: 13.APR.2012 23:42:05



2.1.1.2 Channel = M



*RBW 30 kHz Marker 1 [T1]
*VBW 300 kHz 19.39 dBm
Ref 35 dBm Att 25 dB SWT 20 ms 836.862548077 MHz



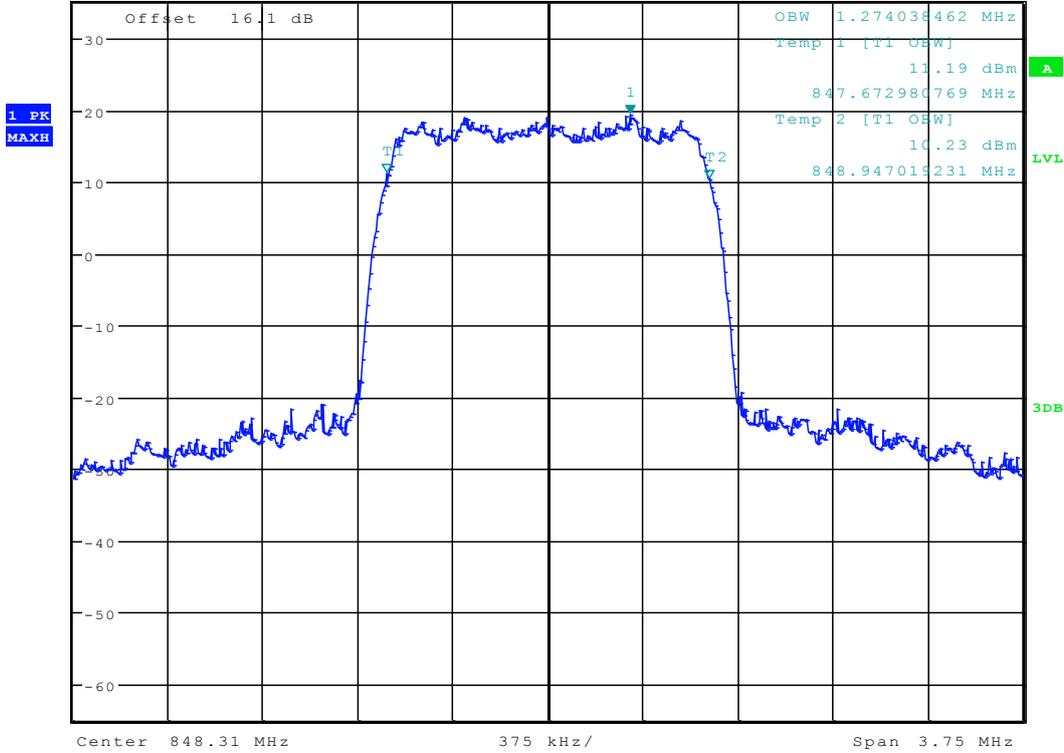
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2.1.1.3 Channel = T



*RBW 30 kHz Marker 1 [T1]
*VBW 300 kHz 19.29 dBm
Ref 35 dBm Att 25 dB SWT 20 ms 848.634519231 MHz

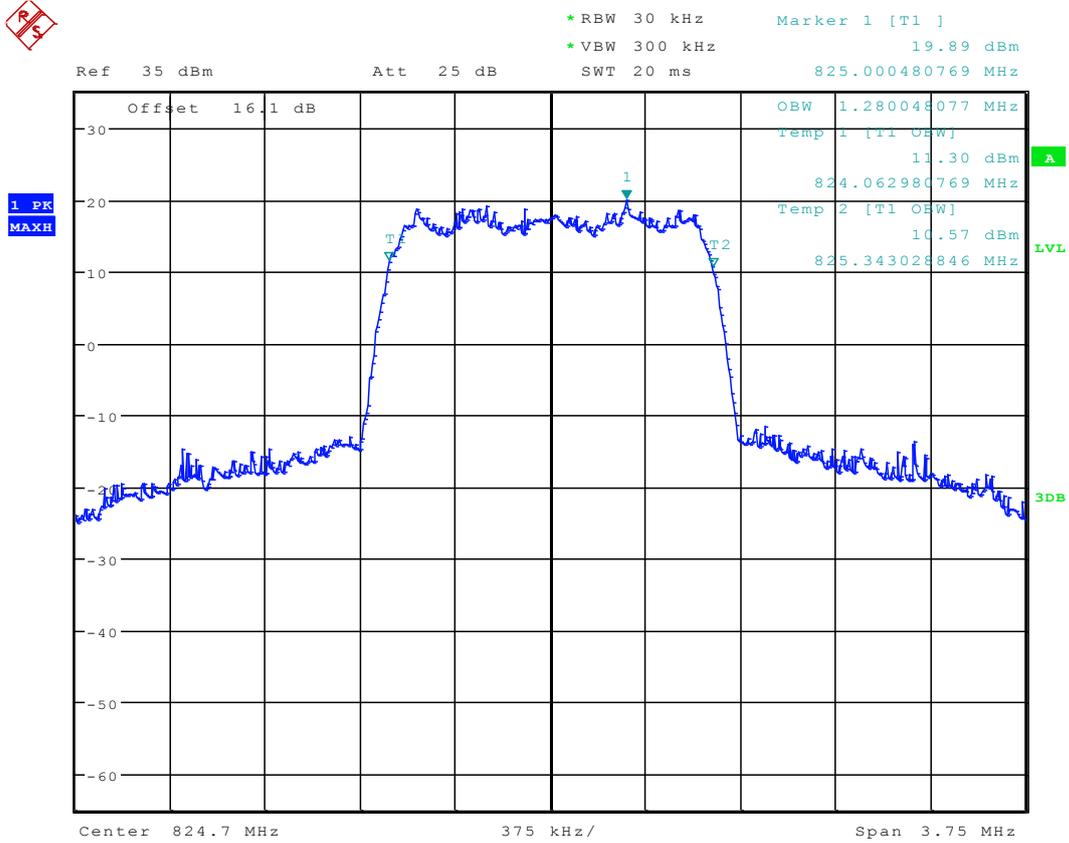


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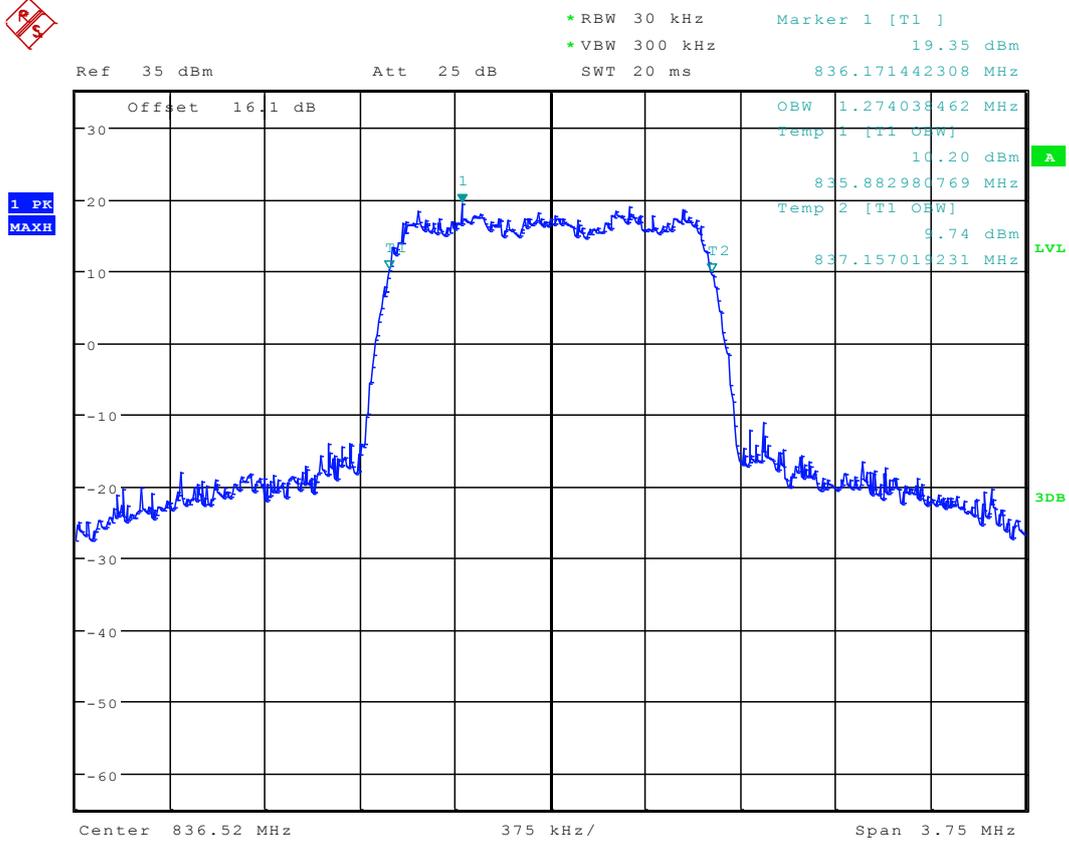
2.2 Test Mode = Subtype 2

2.2.1.1 Channel = B



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2.2.1.2 Channel = M



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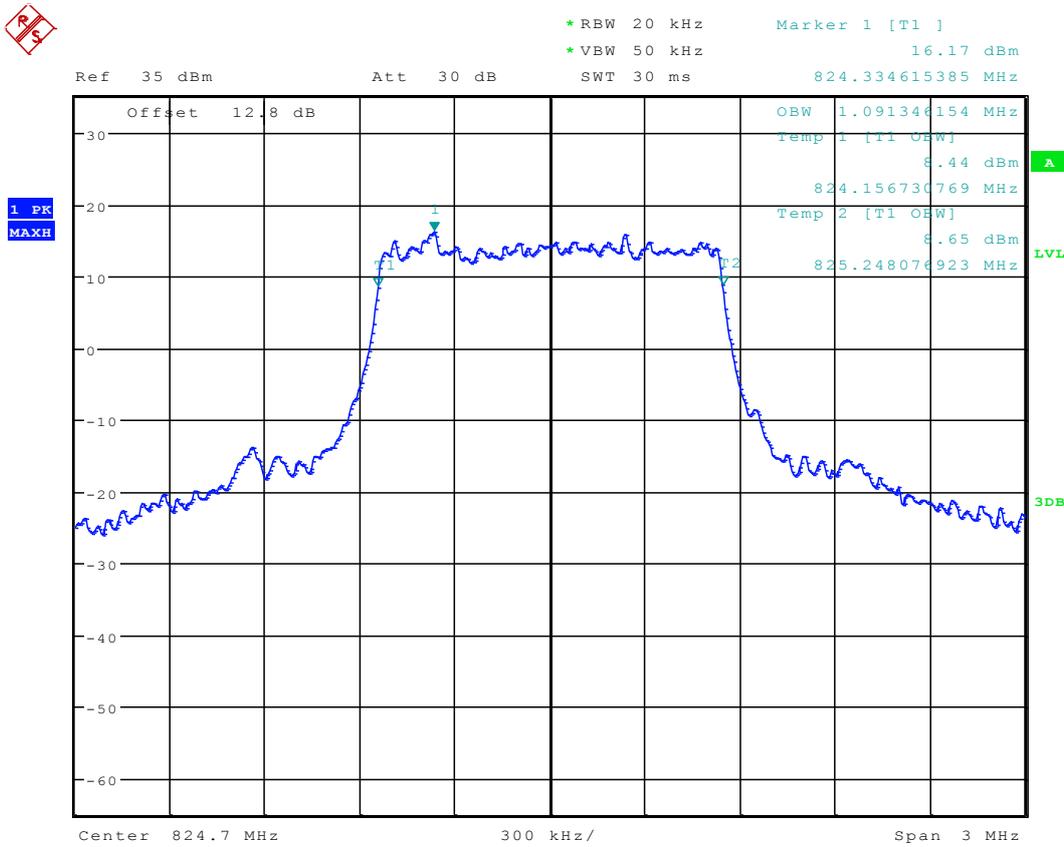
3 For Band 5

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

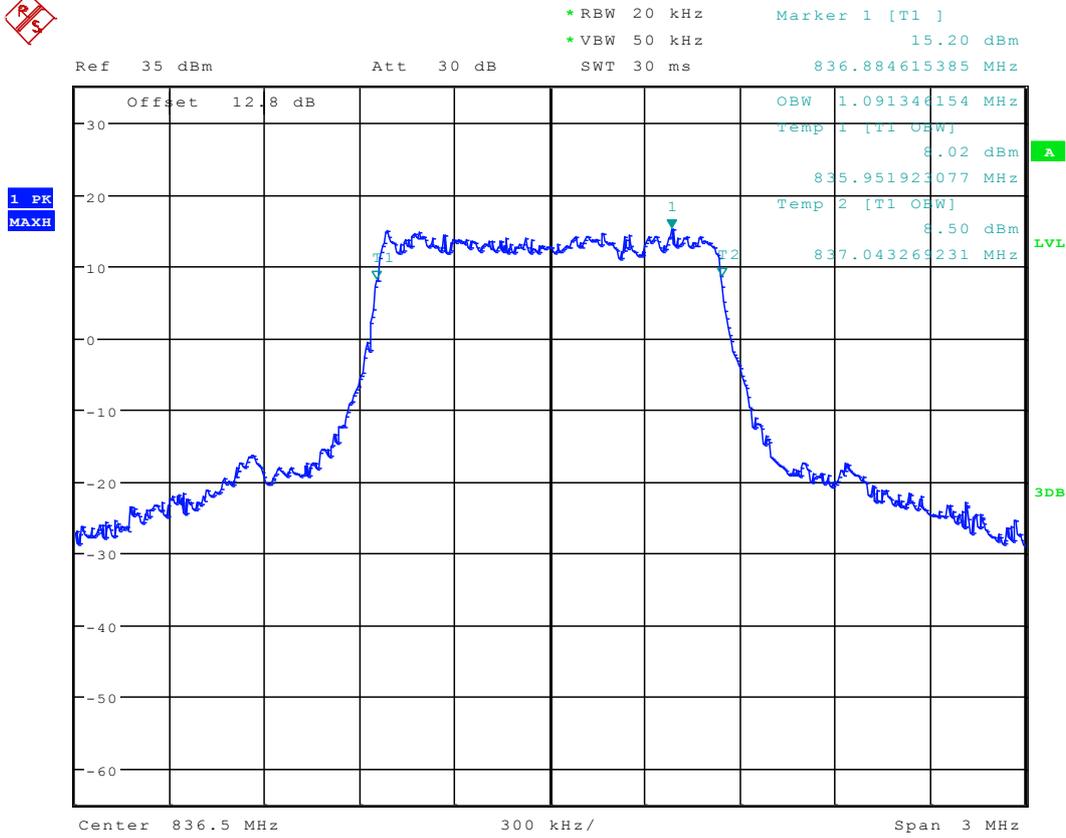


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3.1.1.2 Channel =M

3.1.1.2.1 QPSK/full RBs

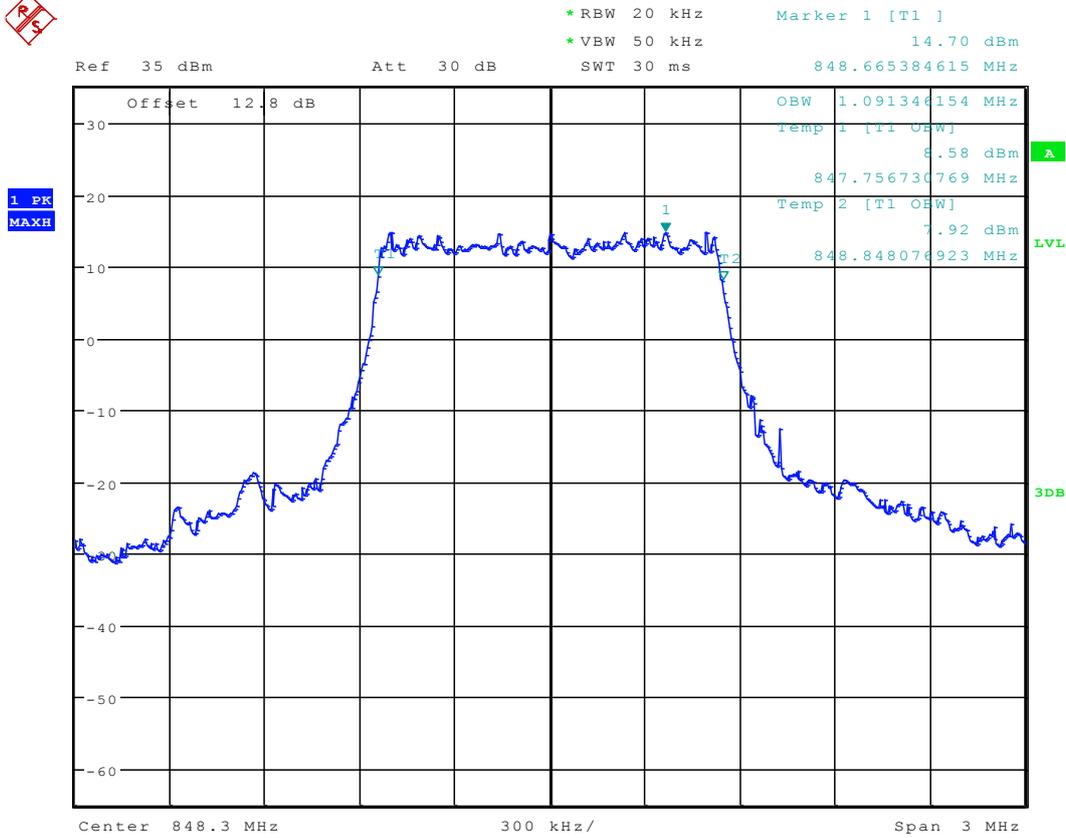


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3.1.1.3 Channel =T

3.1.1.3.1 QPSK/full RBs



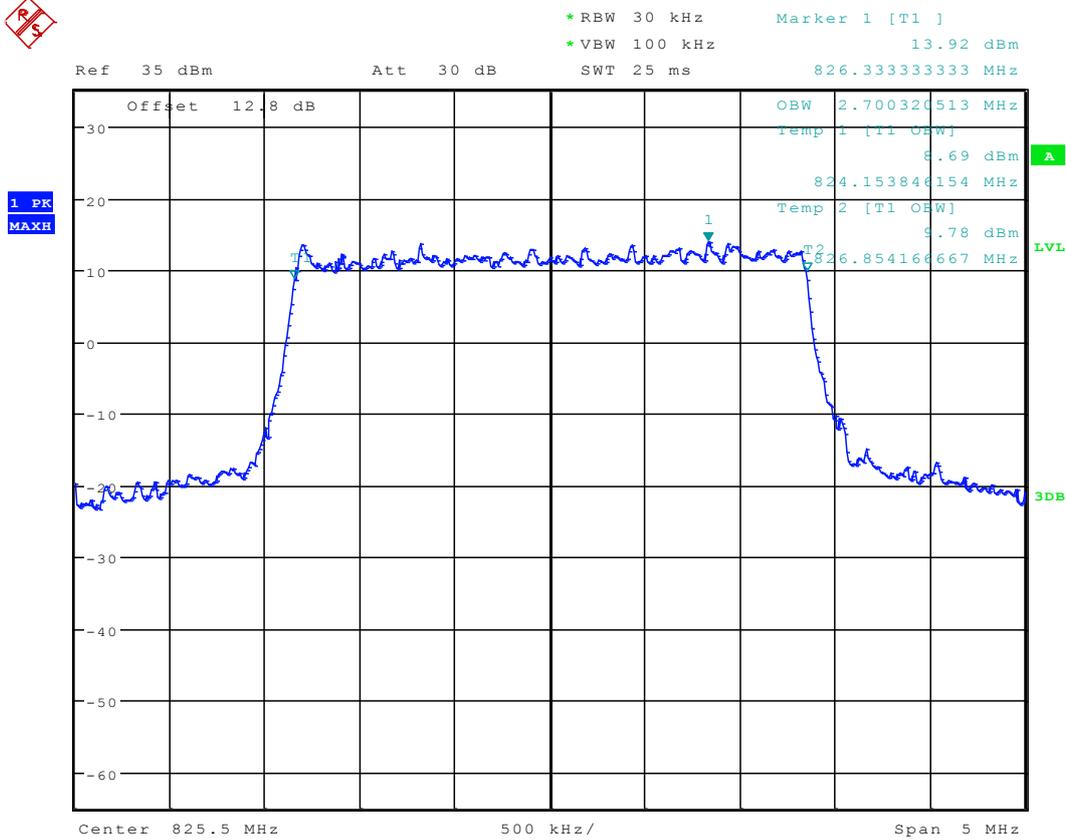
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3.1.2 Channel Bandwidth = 3 MHz

3.1.2.1 Channel = B

3.1.2.1.1 QPSK/full RBs

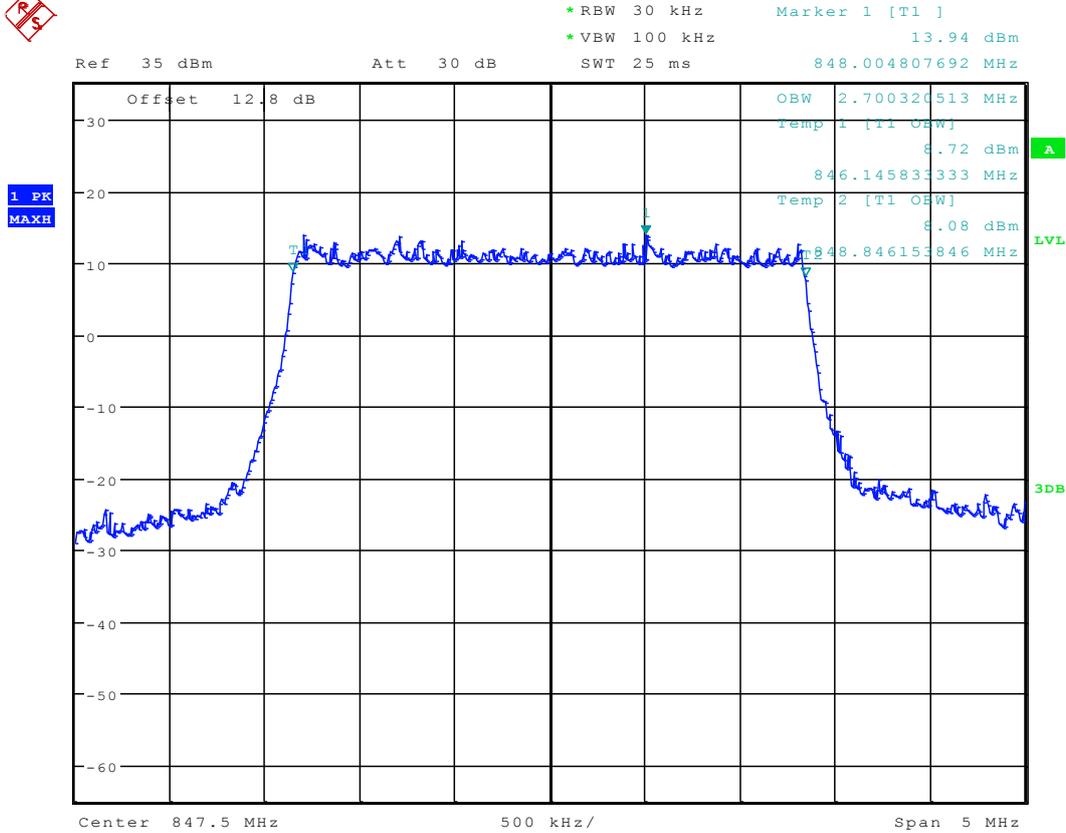


Date: 18.APR.2012 11:08:11



3.1.2.3 Channel =T

3.1.2.3.1 QPSK/full RBs



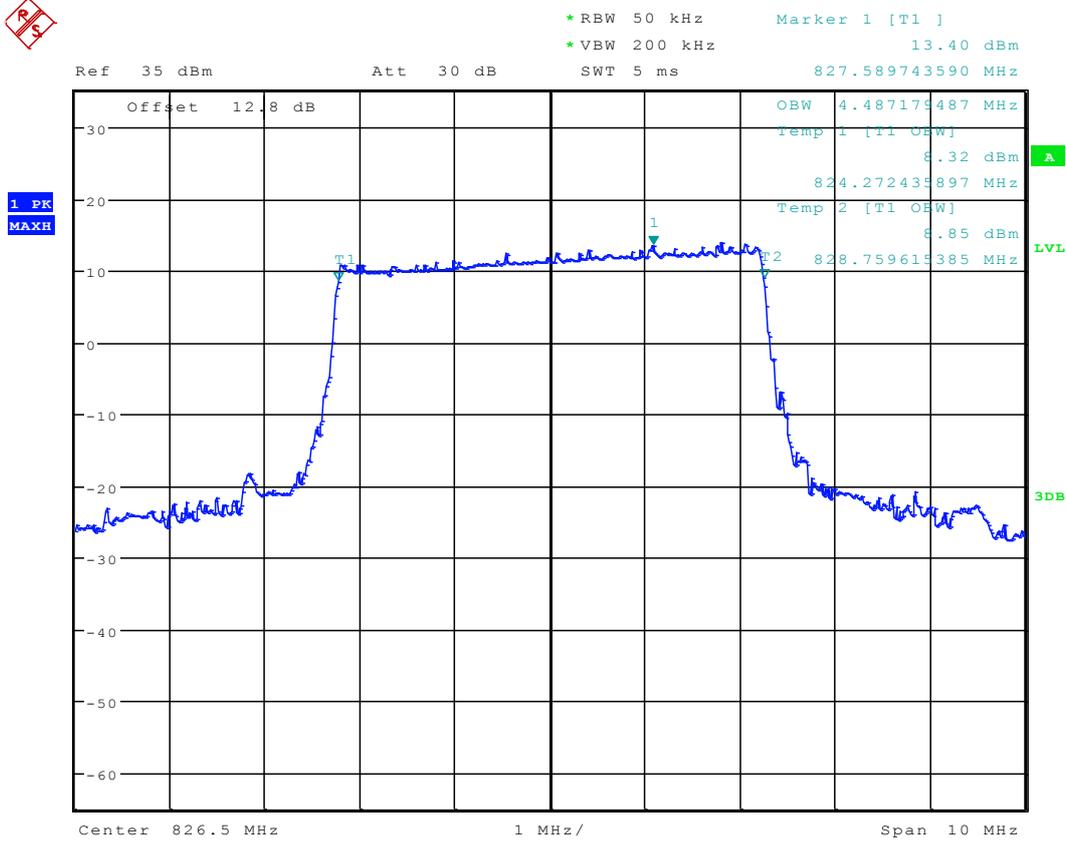
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3.1.3 Channel Bandwidth = 5 MHz

3.1.3.1 Channel = B

3.1.3.1.1 QPSK/full RBs

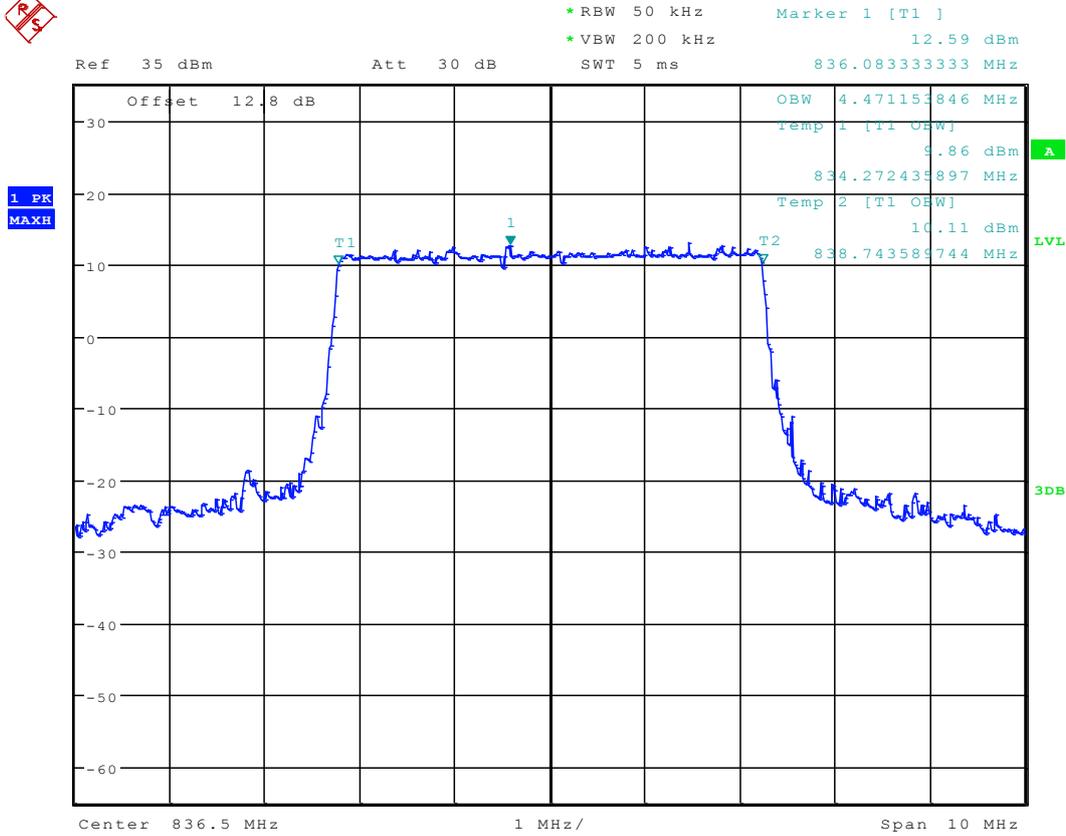


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3.1.3.2 Channel =M

3.1.3.2.1 QPSK/full RBs



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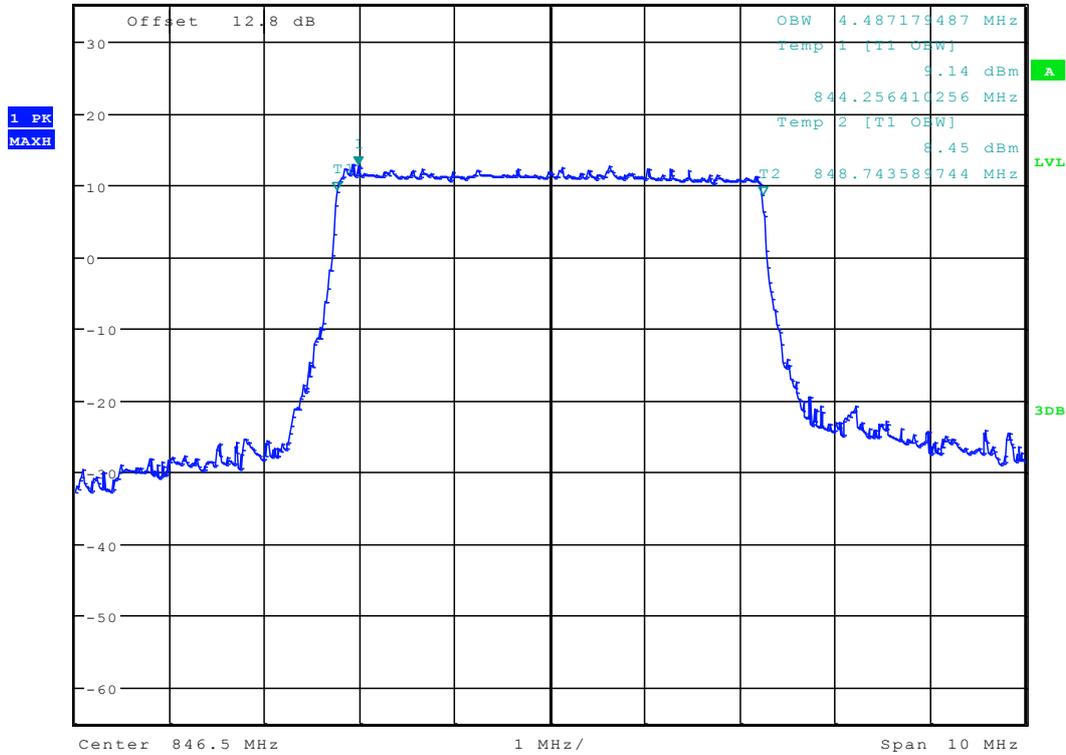


3.1.3.3 Channel =T

3.1.3.3.1 QPSK/full RBs



*RBW 50 kHz Marker 1 [T1]
*VBW 200 kHz 12.62 dBm
Ref 35 dBm Att 30 dB SWT 5 ms 844.480769231 MHz



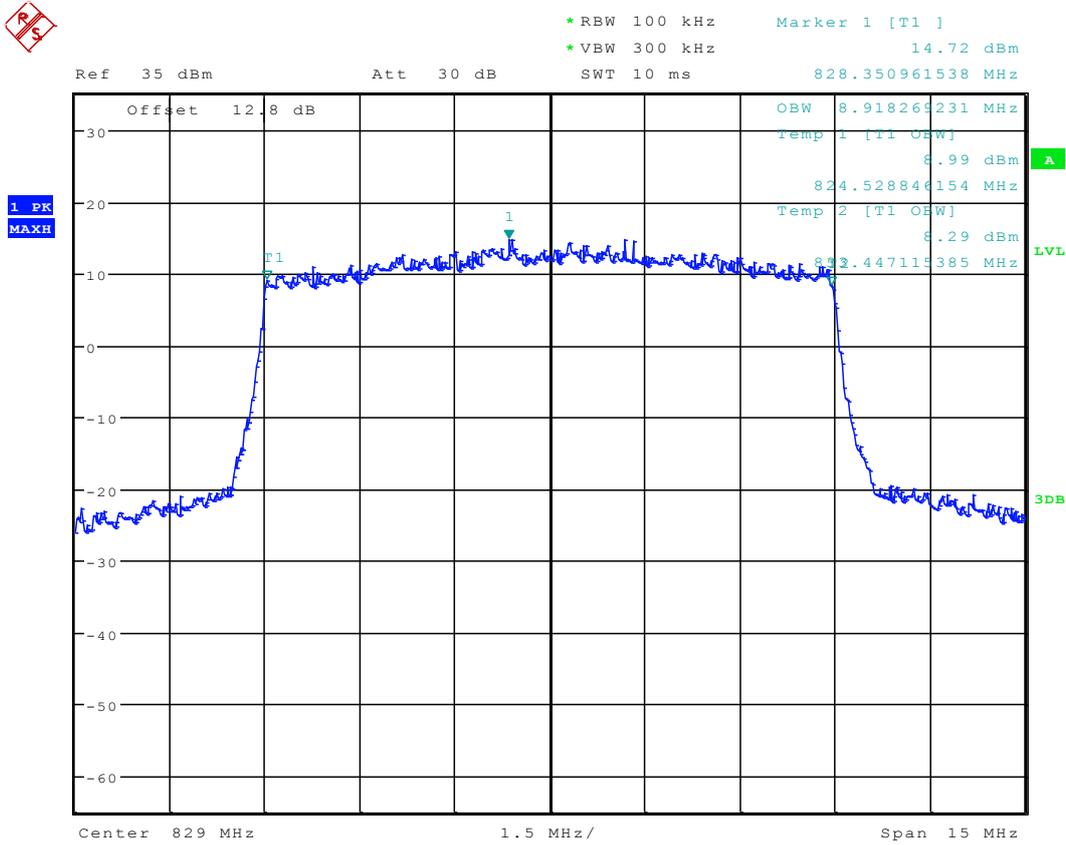
Date: 18.APR.2012 11:19:27



3.1.4 Channel Bandwidth = 10 MHz

3.1.4.1 Channel = B

3.1.4.1.1 QPSK/full RBs

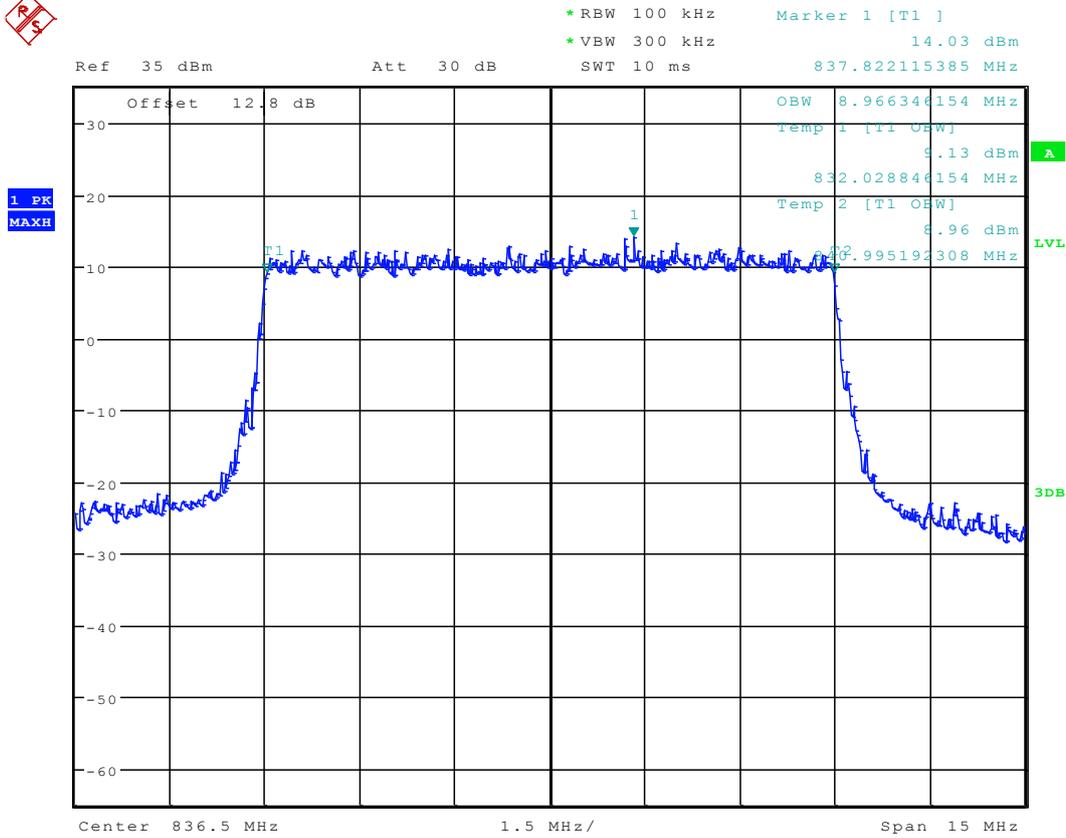


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3.1.4.2 Channel =M

3.1.4.2.1 QPSK/full RBs

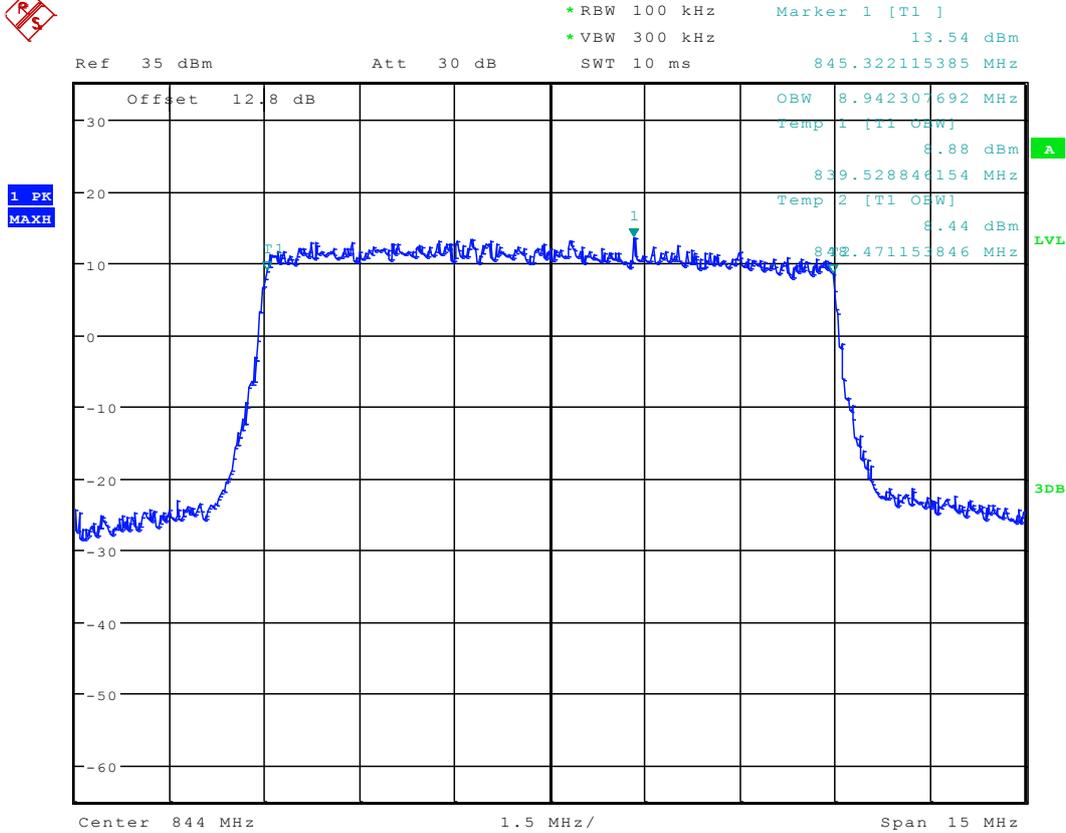


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3.1.4.3 Channel =T

3.1.4.3.1 QPSK/full RBs



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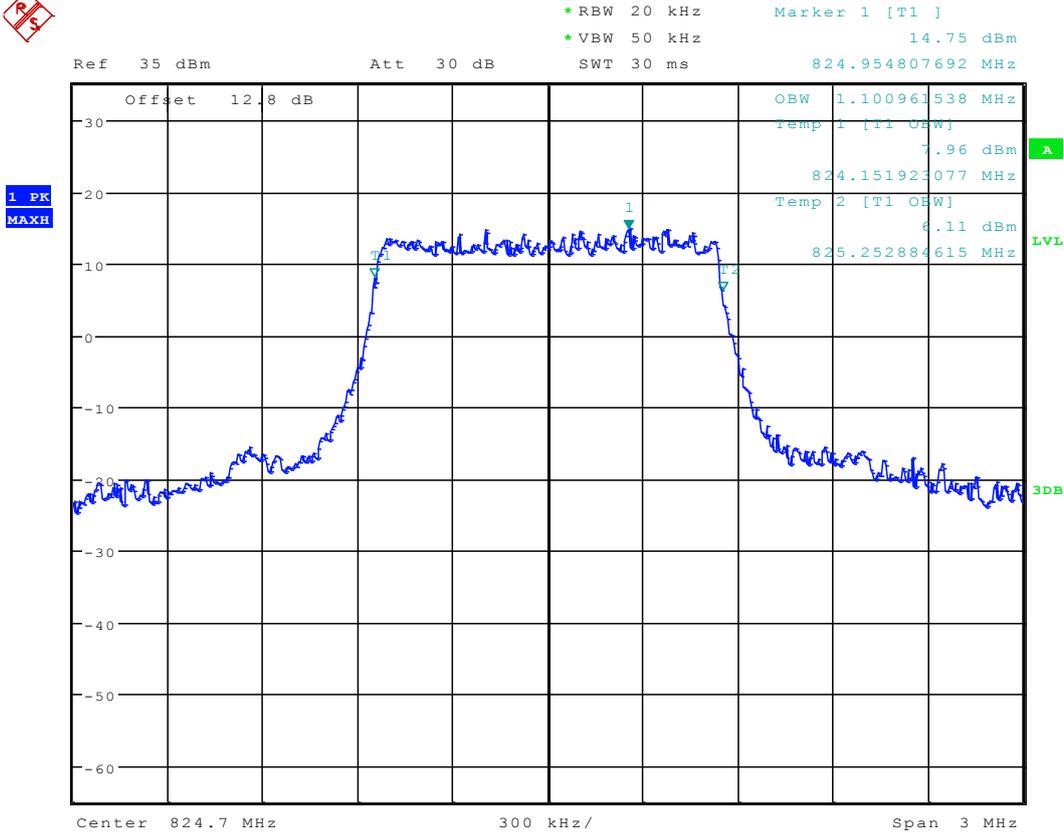


3.2 Test Mode=TM5

3.2.1 Channel Bandwidth = Lowest (1.4 MHz)

3.2.1.1 Channel = B

3.2.1.1.1 16QAM/full RBs

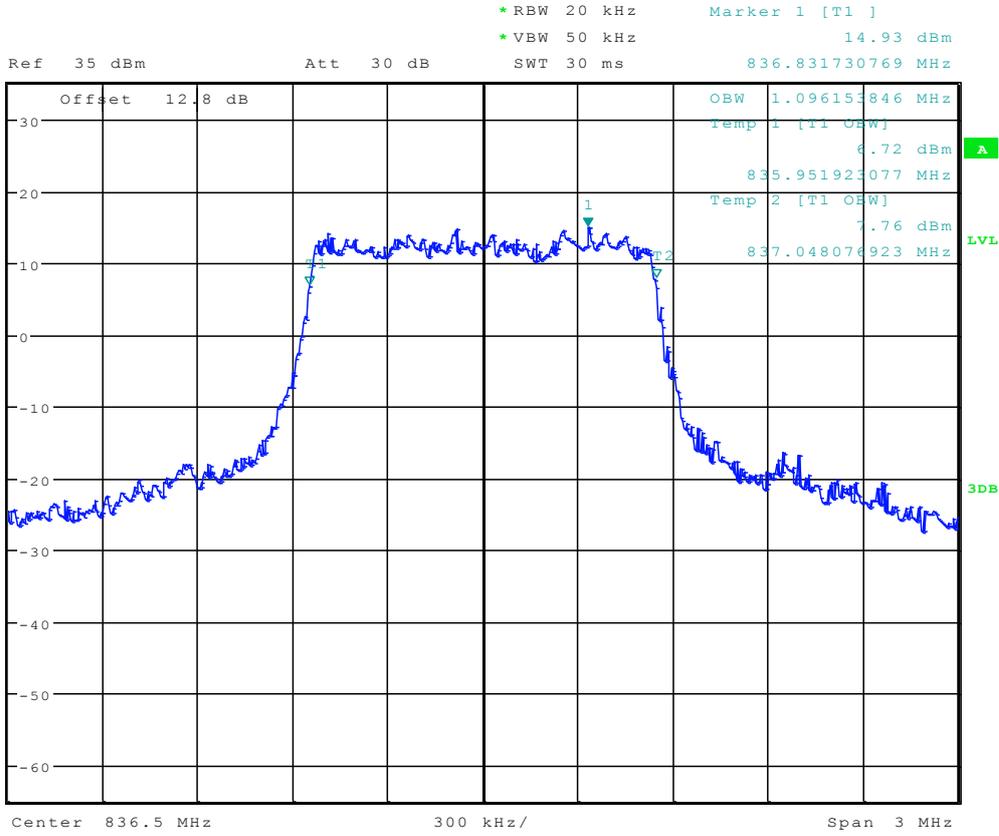


Date: 18.APR.2012 11:02:37



3.2.1.2 Channel =M

3.2.1.2.1 16QAM /full RBs

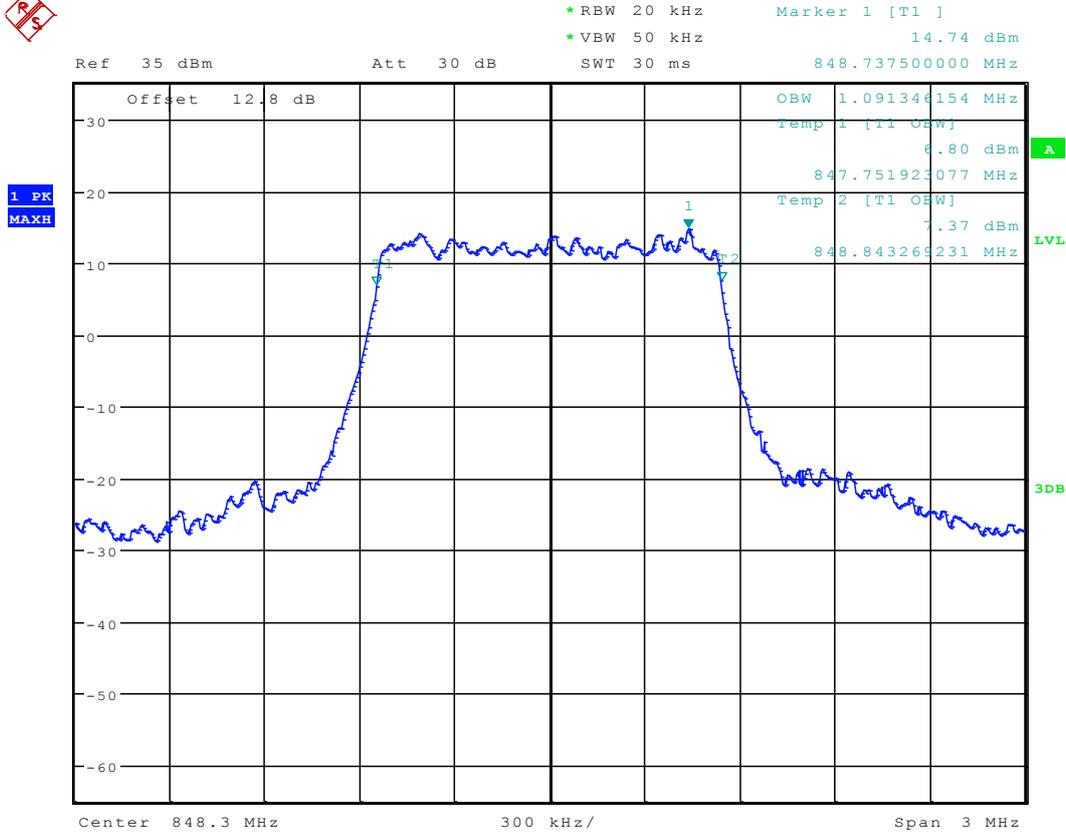


Date: 18.APR.2012 11:03:49



3.2.1.3 Channel =T

3.2.1.3.1 16QAM /full RBs



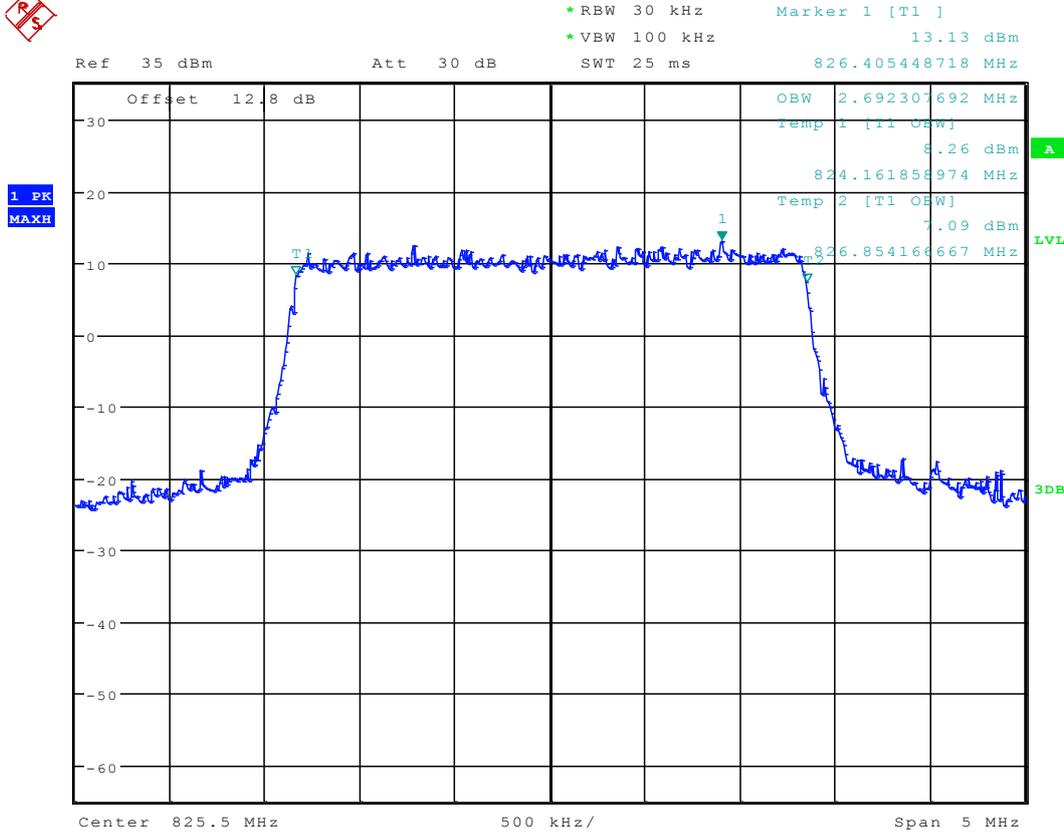
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3.2.2 Channel Bandwidth = 3 MHz

3.2.2.1 Channel = B

3.2.2.1.1 16QAM /full RBs

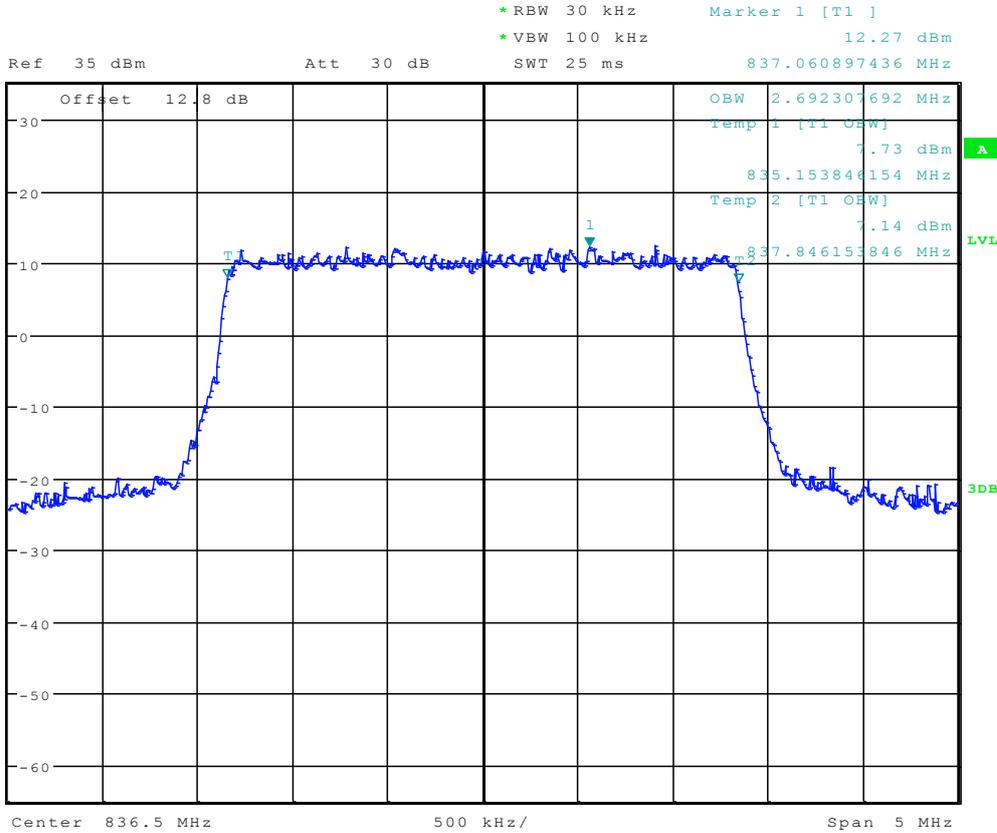


Date: 18.APR.2012 11:08:34



3.2.2.2 Channel =M

3.2.2.2.1 16QAM /full RBs

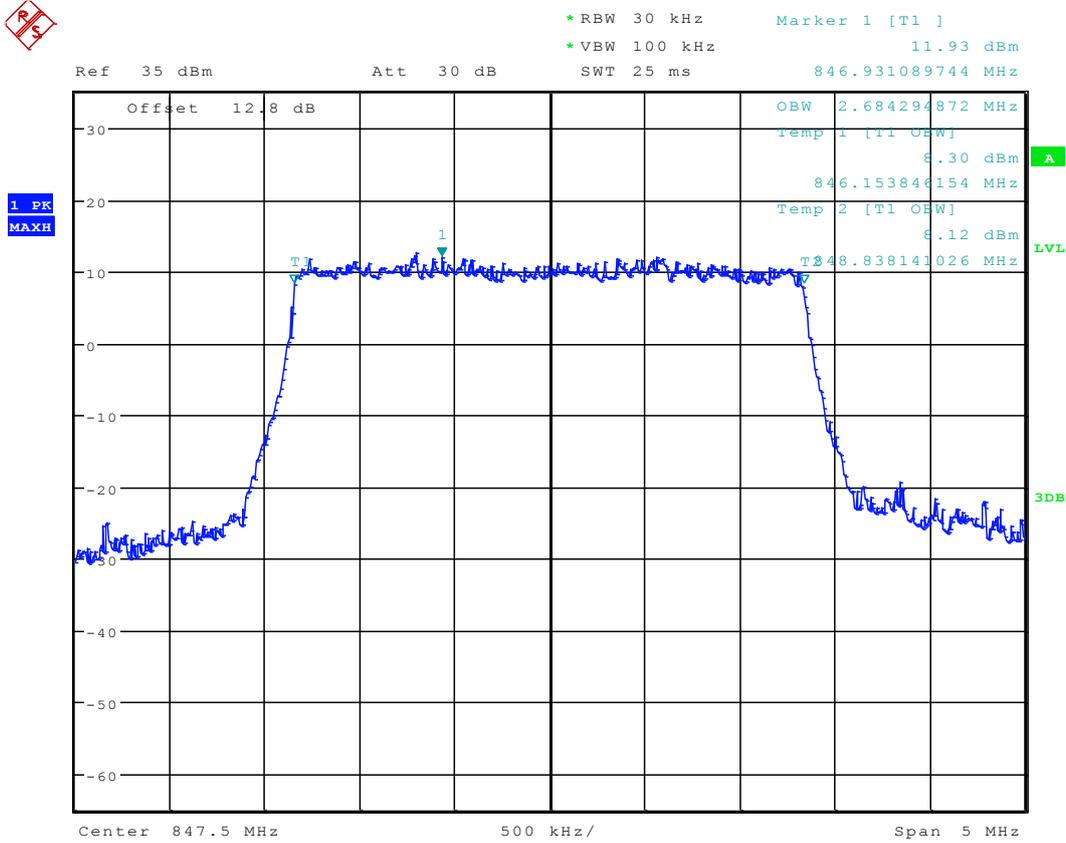


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3.2.2.3 Channel =T

3.2.2.3.1 16QAM /full RBs



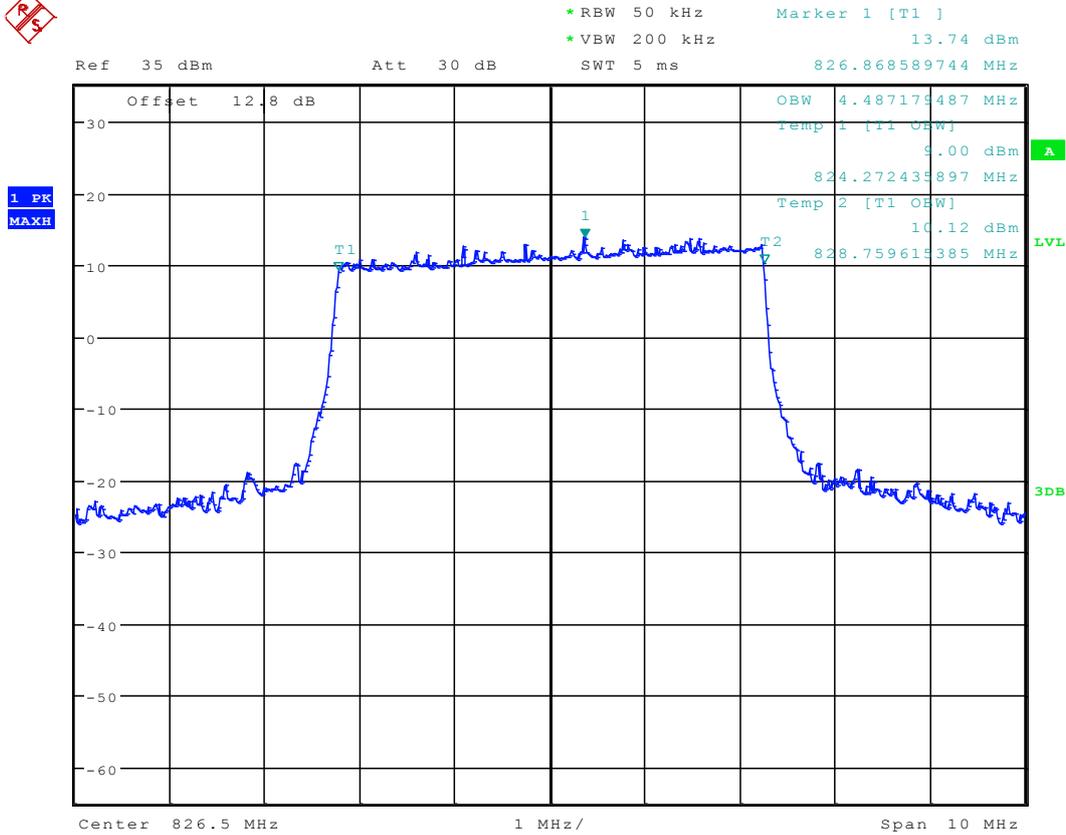
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3.2.3 Channel Bandwidth = 5 MHz

3.2.3.1 Channel = B

3.2.3.1.1 16QAM /full RBs

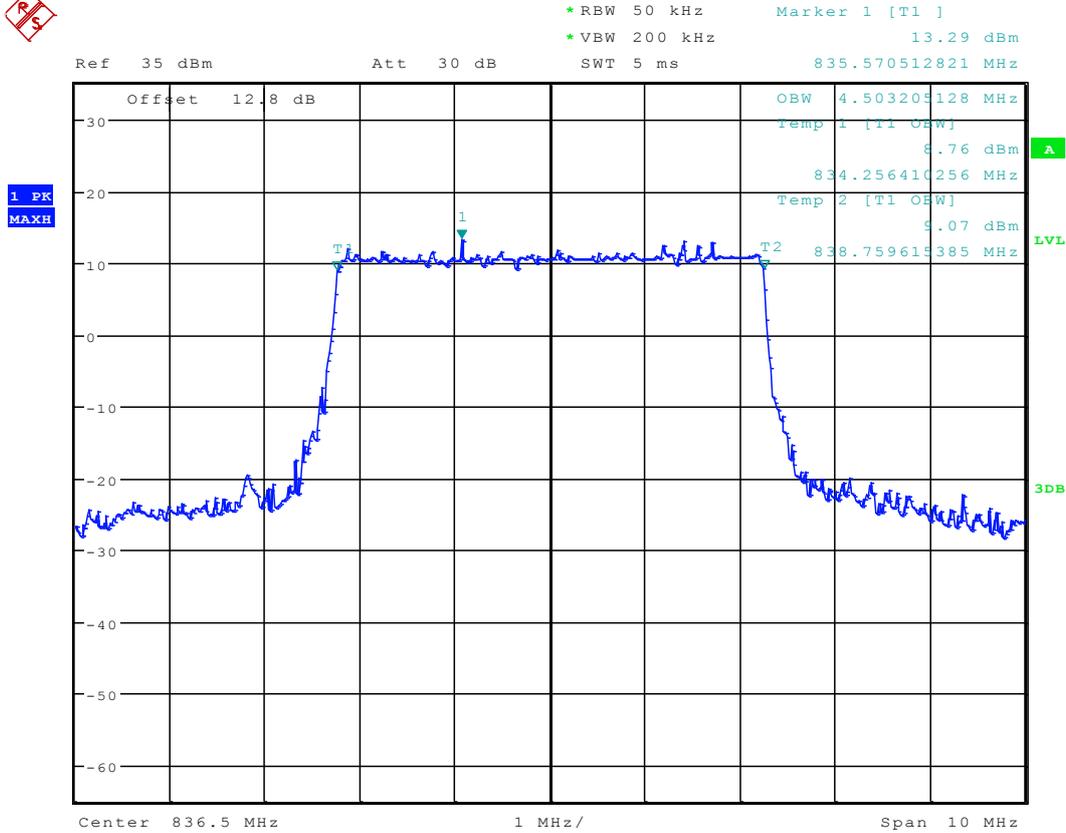


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3.2.3.2 Channel =M

3.2.3.2.1 16QAM /full RBs

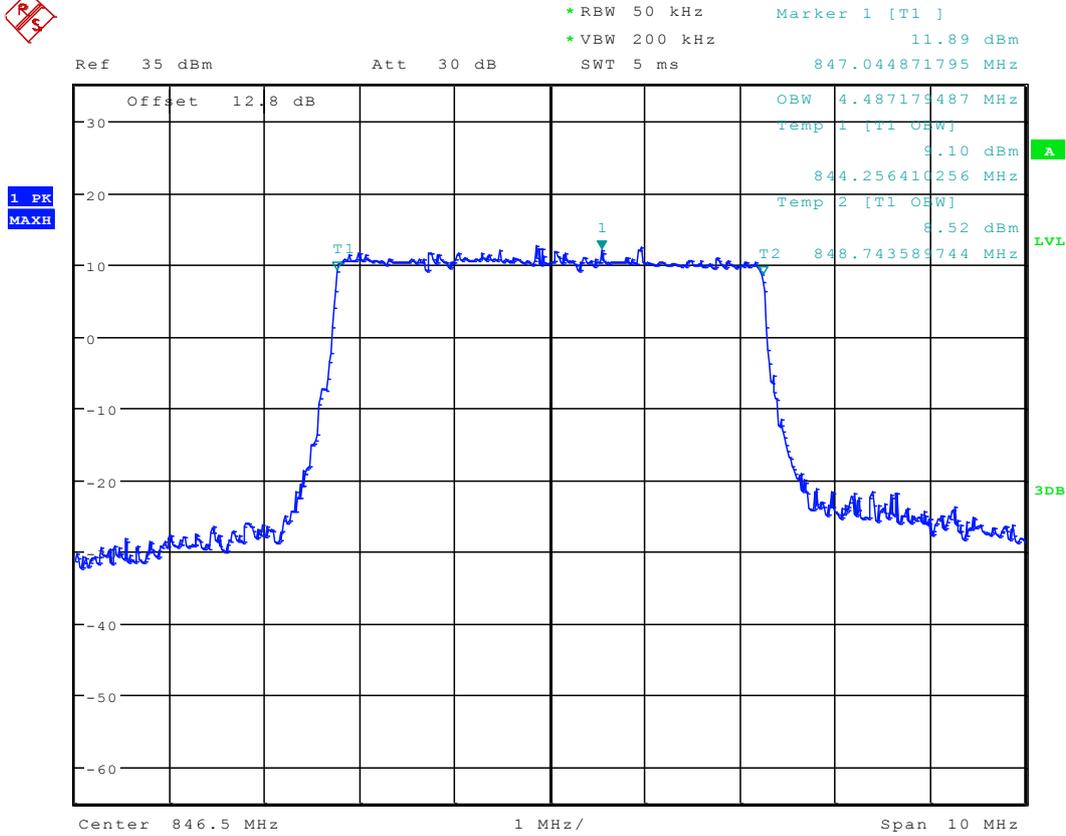


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3.2.3.3 Channel =T

3.2.3.3.1 16QAM /full RBs



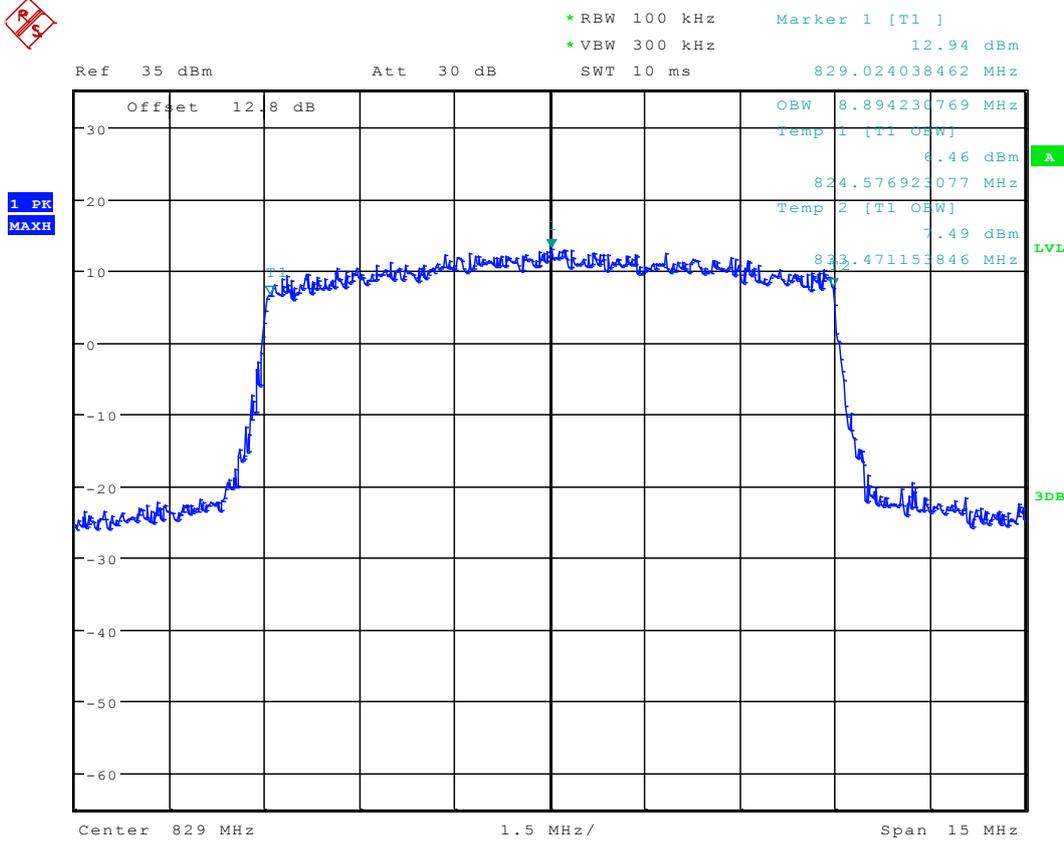
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3.2.4 Channel Bandwidth = 10 MHz

3.2.4.1 Channel = B

3.2.4.1.1 16QAM /full RBs

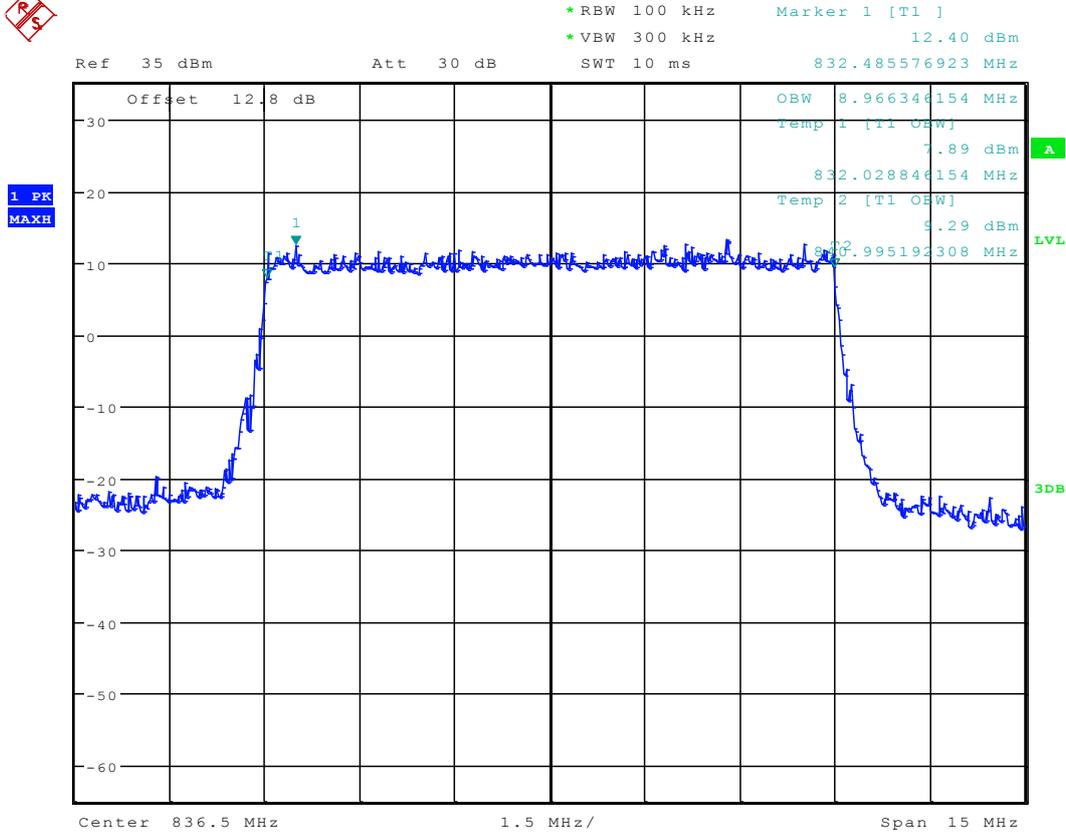


Date: 18.APR.2012 11:22:30



3.2.4.2 Channel =M

3.2.4.2.1 16QAM /full RBs

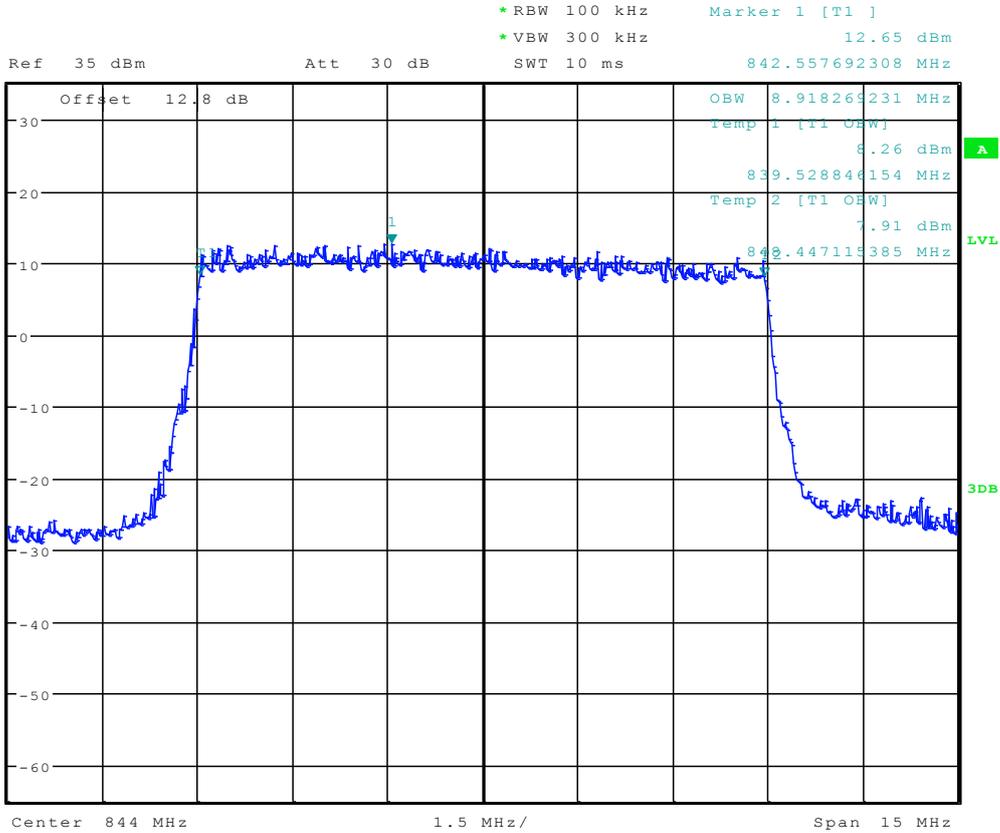


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3.2.4.3 Channel =T

3.2.4.3.1 16QAM /full RBs



Date: 18.APR.2012 11:25:47

-----END-----