Appendix C

Occupied Bandwidth

According to FCC Part 2.1047 & Part27 Subpart C&L

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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(LTE) BAND 4

Test Mode	Carrier Conf.	RF Ch.	Occupied Bandwidth [MHz]	Verdict
TM1	1.4MHz	B	1.08	Pass
		M	1.08	Pass
		T	1.08	Pass
	3 MHz	B	2.68	Pass
		M	2.70	Pass
		T	2.68	Pass
	5 MHz	B	4.49	Pass
		M	4.49	Pass
		T	4.49	Pass
	10 MHz	B	8.97	Pass
		M	8.99	Pass
		T	8.94	Pass
	20MHz	B	17.88	Pass
		M	17.74	Pass
		T	17.88	Pass
TM2	1.4MHz	B	1.08	Pass
		M	1.08	Pass
		T	1.08	Pass
	3 MHz	B	2.68	Pass
		M	2.68	Pass
		T	2.68	Pass
	5 MHz	B	4.47	Pass
		M	4.49	Pass
		T	4.49	Pass
	10 MHz	B	8.94	Pass
		M	8.92	Pass
		T	8.92	Pass
	20MHz	B	17.88	Pass
		M	17.93	Pass
		T	17.84	Pass

Table 2 Measurement Results (LTE) BAND 17

Test Mode	Carrier Conf.	RF Ch.	Occupied Bandwidth [MHz]	Verdict
TM1	5 MHz	B	4.49	Pass
		M	4.47	Pass
		T	4.47	Pass
	10 MHz	B	9.13	Pass
		M	8.97	Pass
		T	9.11	Pass
TM2	5 MHz	B	4.49	Pass
		M	4.49	Pass
		T	4.47	Pass
	10 MHz	B	9.06	Pass
		M	8.92	Pass
		T	9.06	Pass

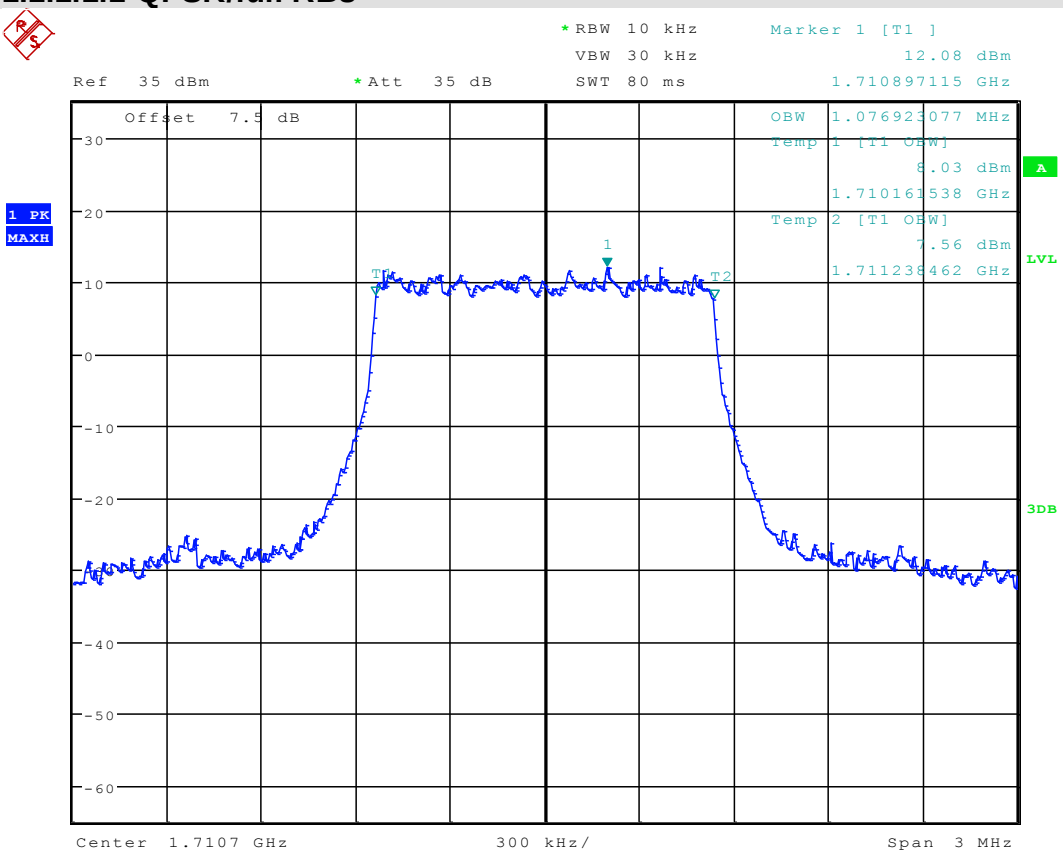
1 For Band 4

1.1 Test Mode=TM1

1.1.1 Channel Bandwidth = Lowest (1.4 MHz)

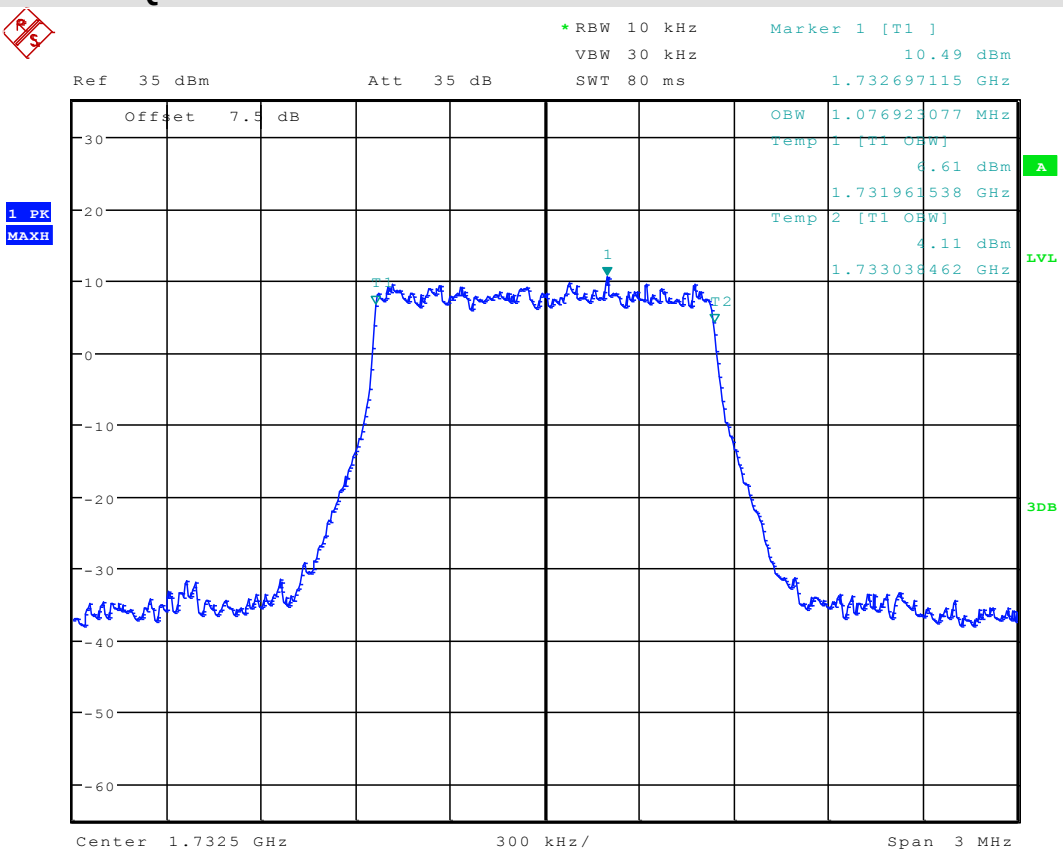
1.1.1.1 Channel = B

1.1.1.1.1 QPSK/full RBs



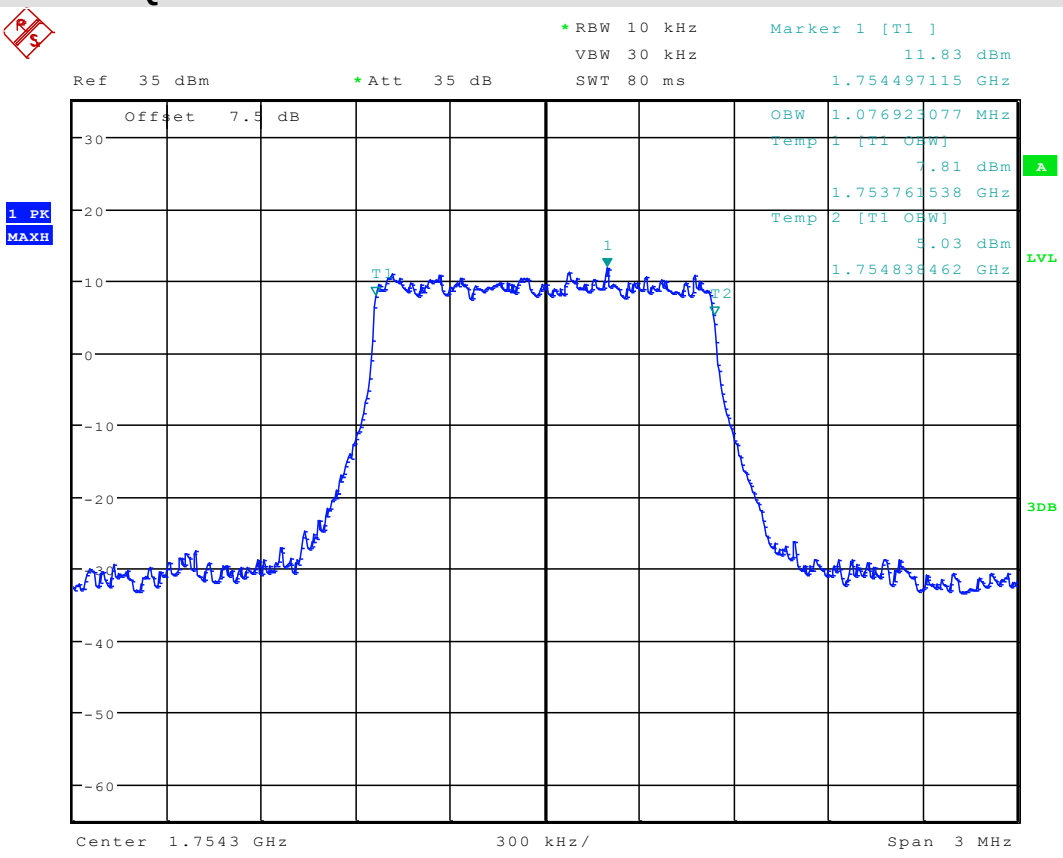
1.1.1.2 Channel =M

1.1.1.2.1 QPSK/full RBs



1.1.1.3 Channel =T

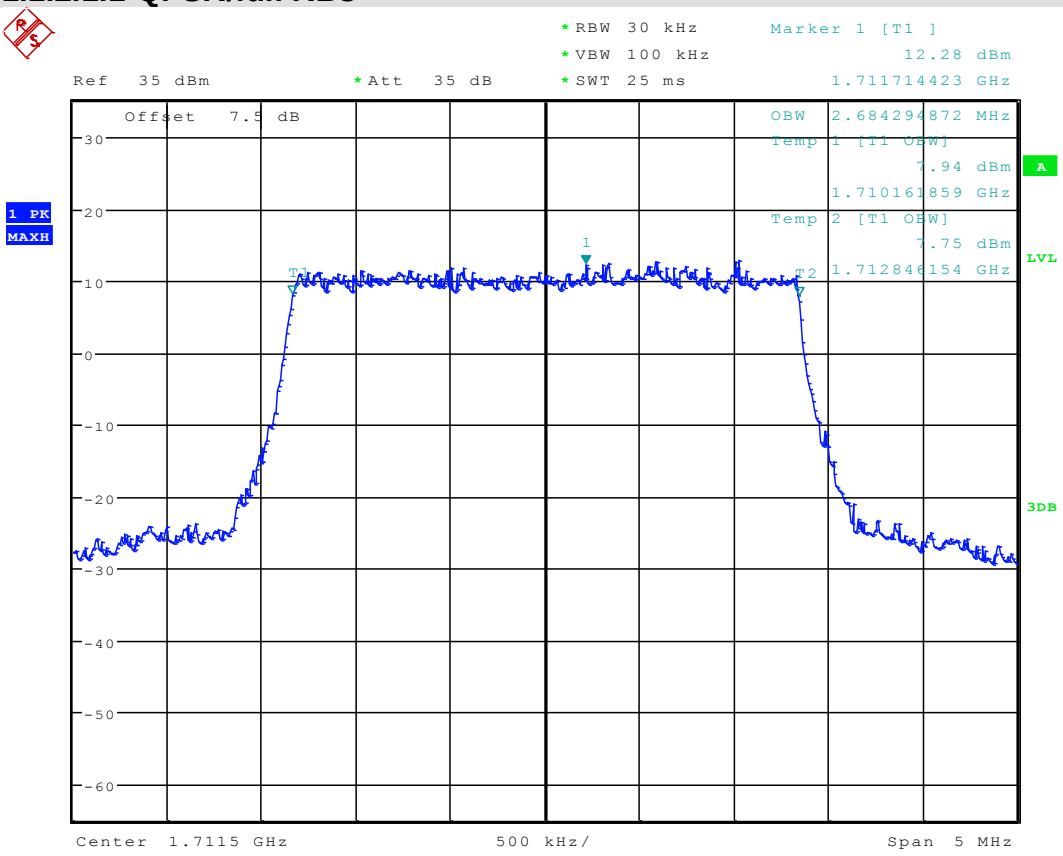
1.1.1.3.1 QPSK/full RBs



1.1.2 Channel Bandwidth = 3 MHz

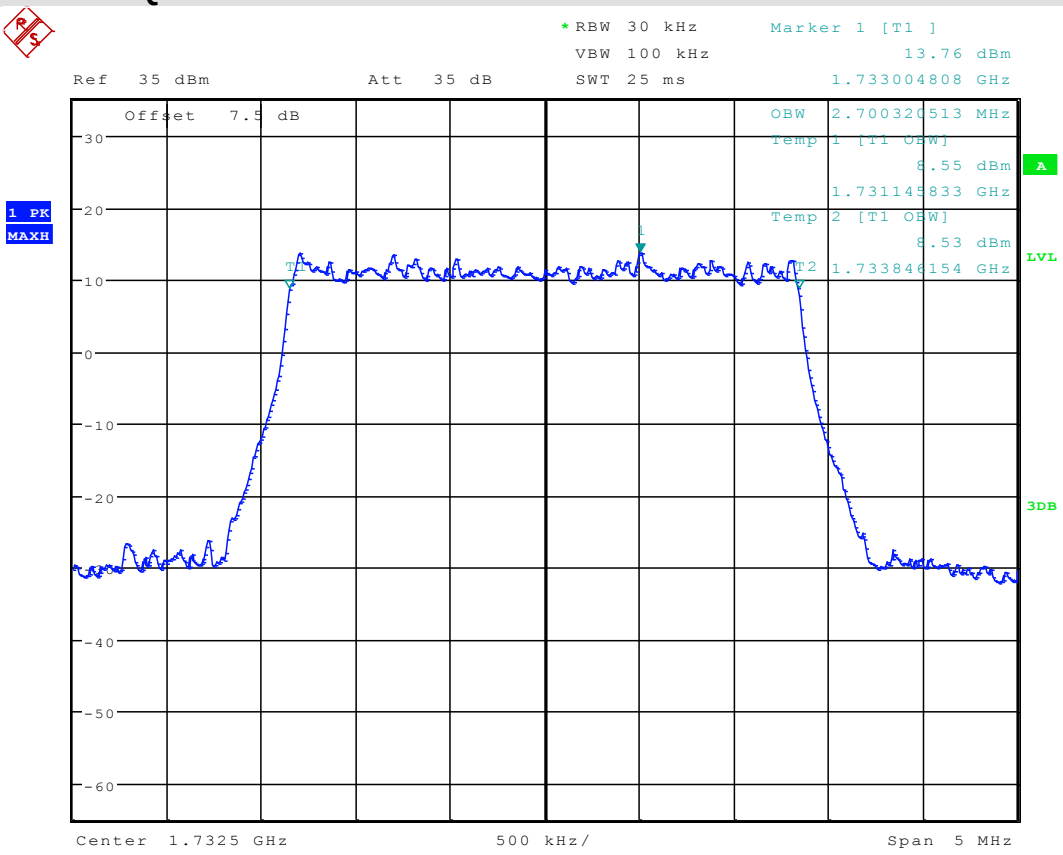
1.1.2.1 Channel = B

1.1.2.1.1 QPSK/full RBs



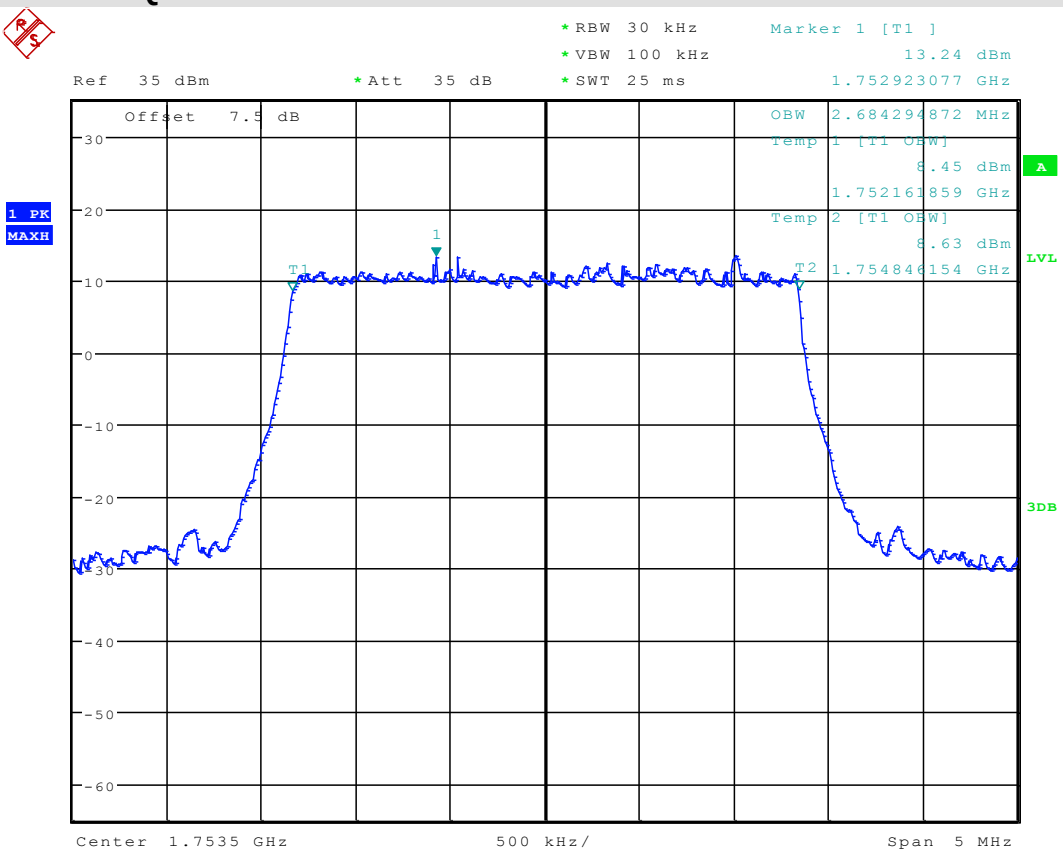
1.1.2.2 Channel =M

1.1.2.2.1 QPSK/full RBs



1.1.2.3 Channel =T

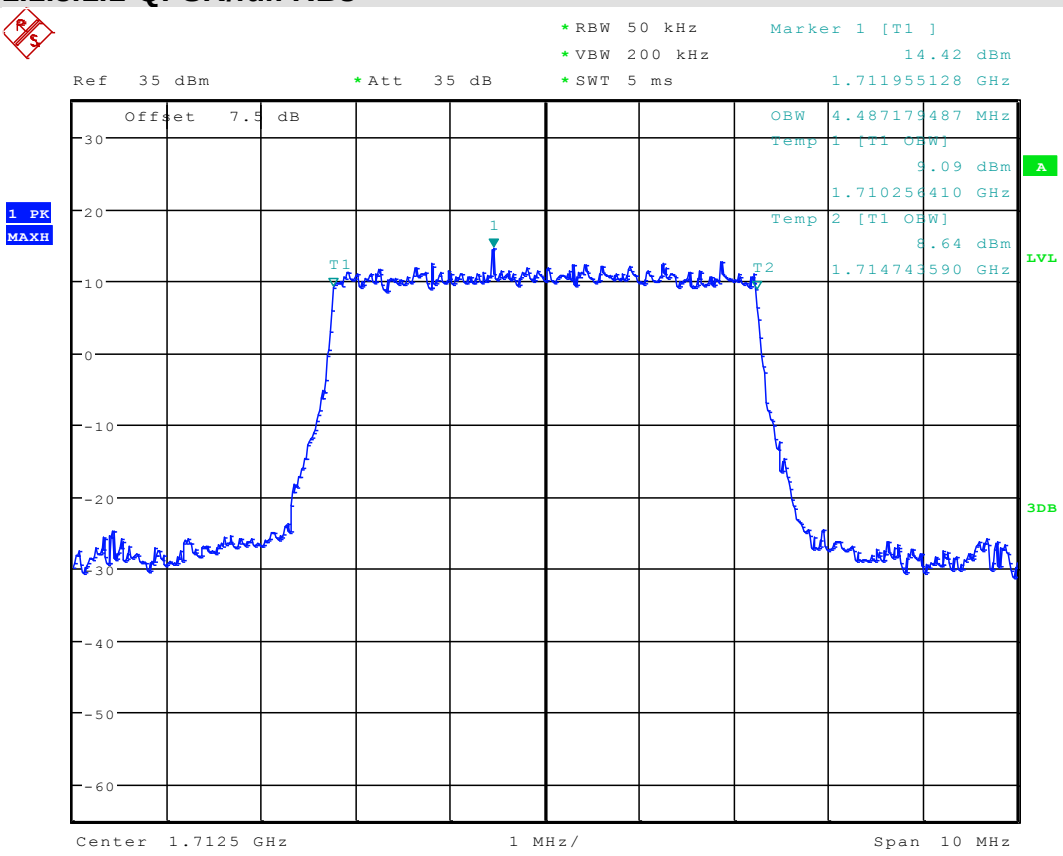
1.1.2.3.1 QPSK/full RBs



1.1.3 Channel Bandwidth = 5 MHz

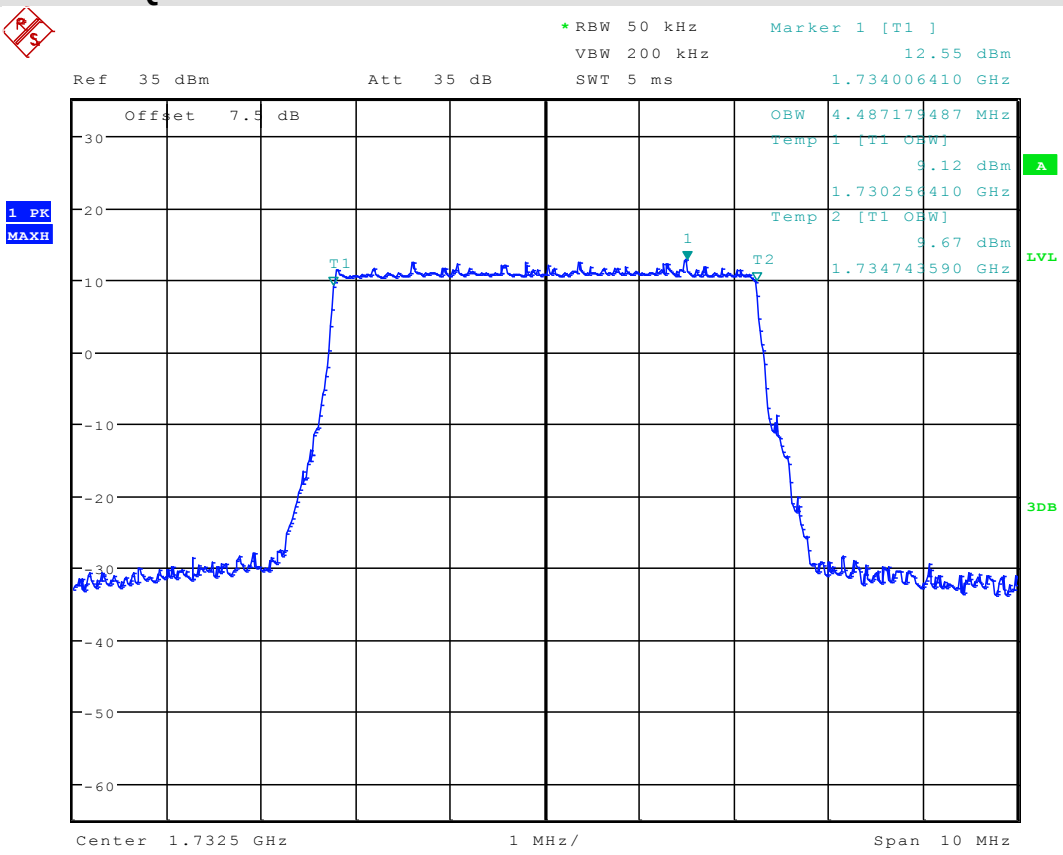
1.1.3.1 Channel = B

1.1.3.1.1 QPSK/full RBs



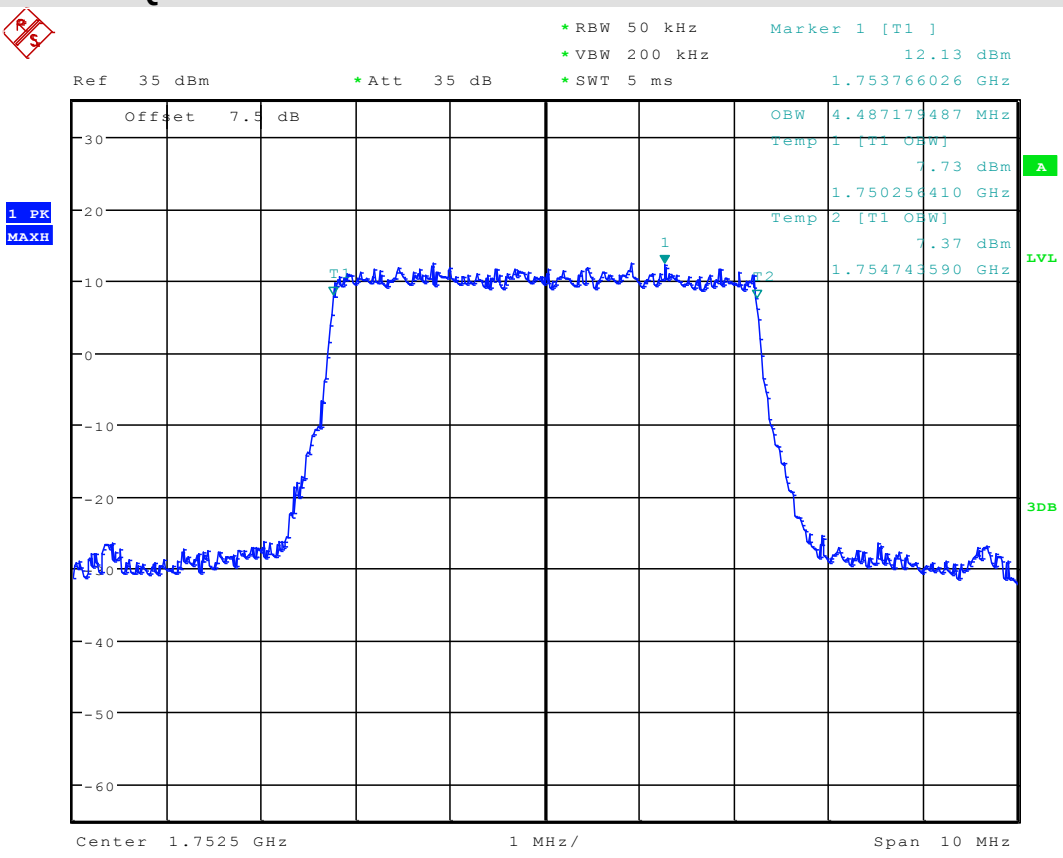
1.1.3.2 Channel =M

1.1.3.2.1 QPSK/full RBs



1.1.3.3 Channel =T

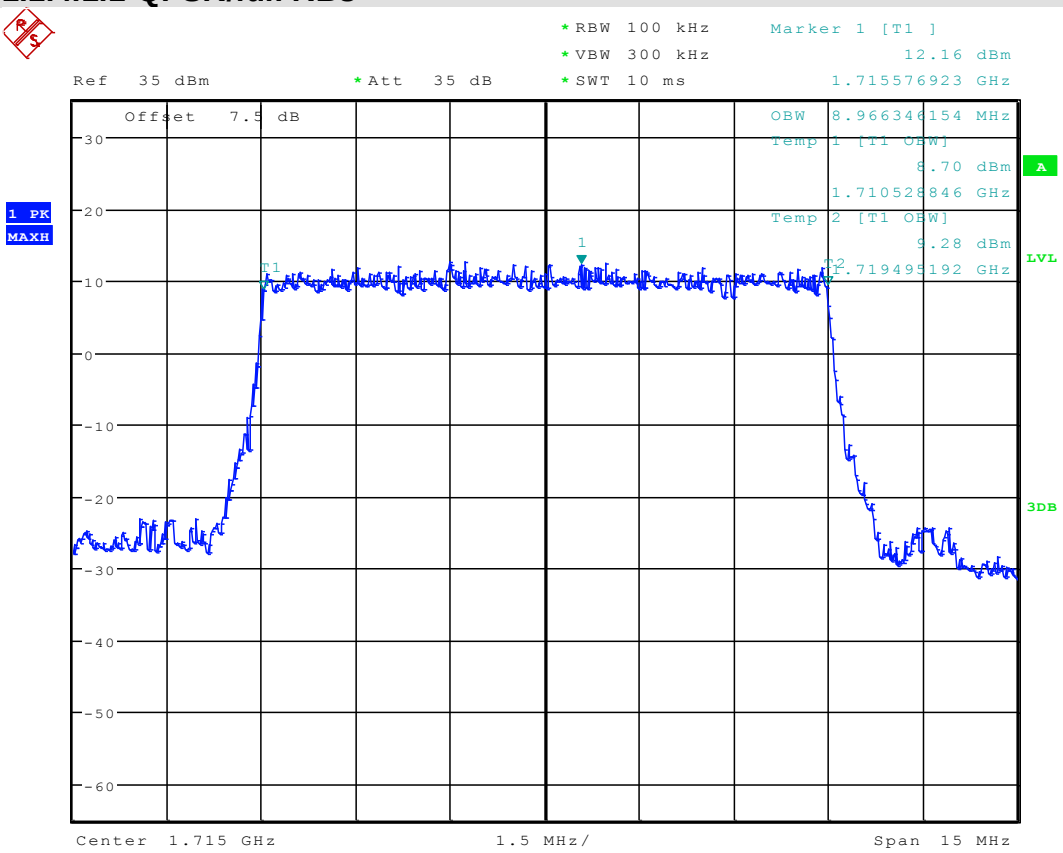
1.1.3.3.1 QPSK/full RBs



1.1.4 Channel Bandwidth = 10 MHz

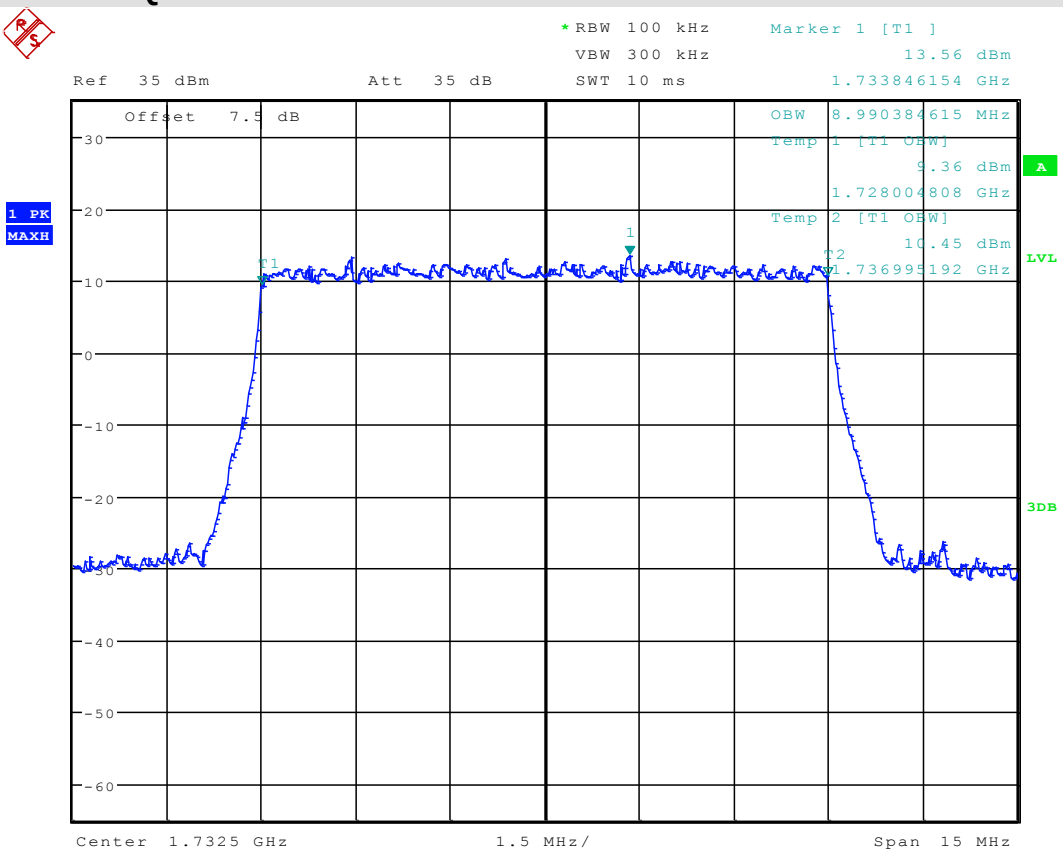
1.1.4.1 Channel = B

1.1.4.1.1 QPSK/full RBs



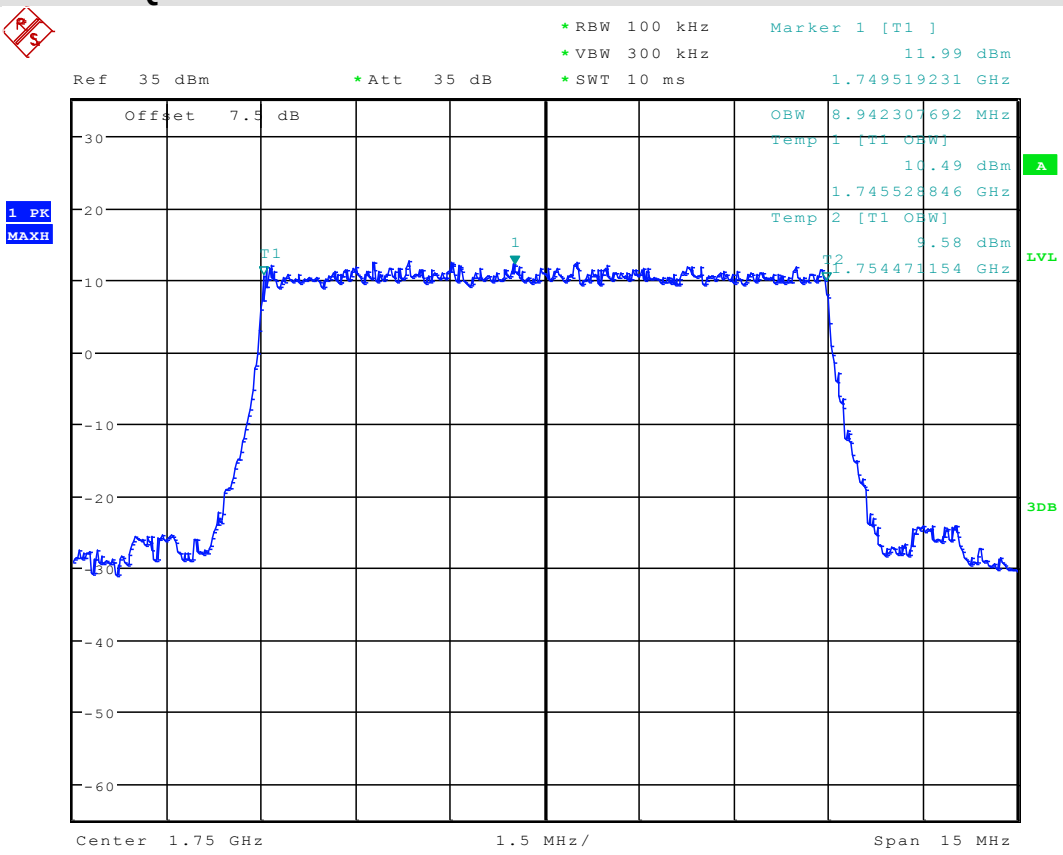
1.1.4.2 Channel =M

1.1.4.2.1 QPSK/full RBs



1.1.4.3 Channel =T

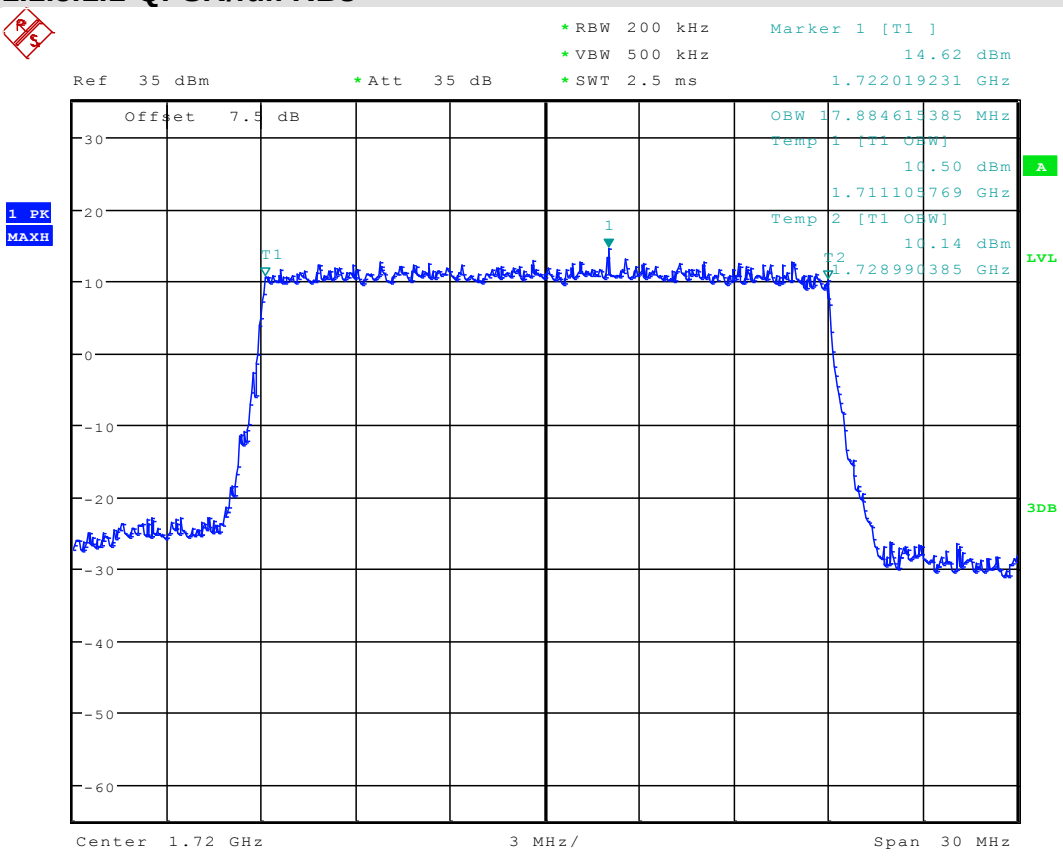
1.1.4.3.1 QPSK/full RBs



1.1.5 Channel Bandwidth = 20 MHz

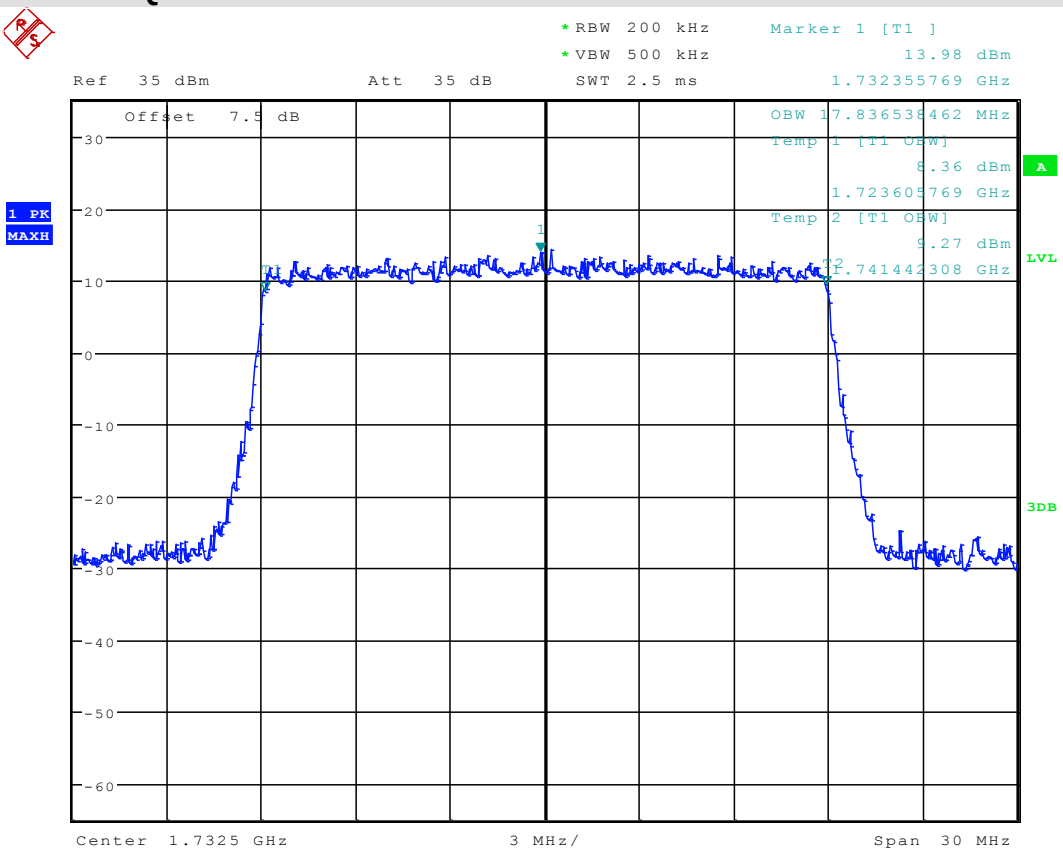
1.1.5.1 Channel = B

1.1.5.1.1 QPSK/full RBs



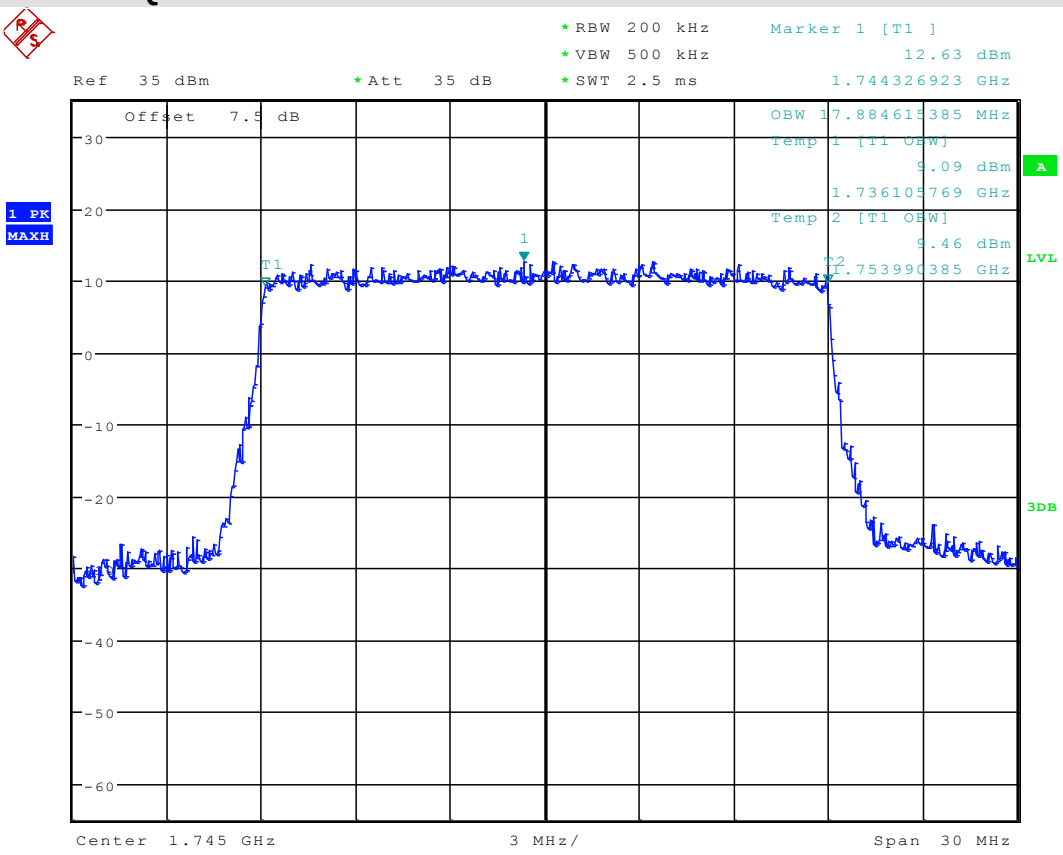
1.1.5.2 Channel =M

1.1.5.2.1 QPSK/full RBs



1.1.5.3 Channel =T

1.1.5.3.1 QPSK/full RBs

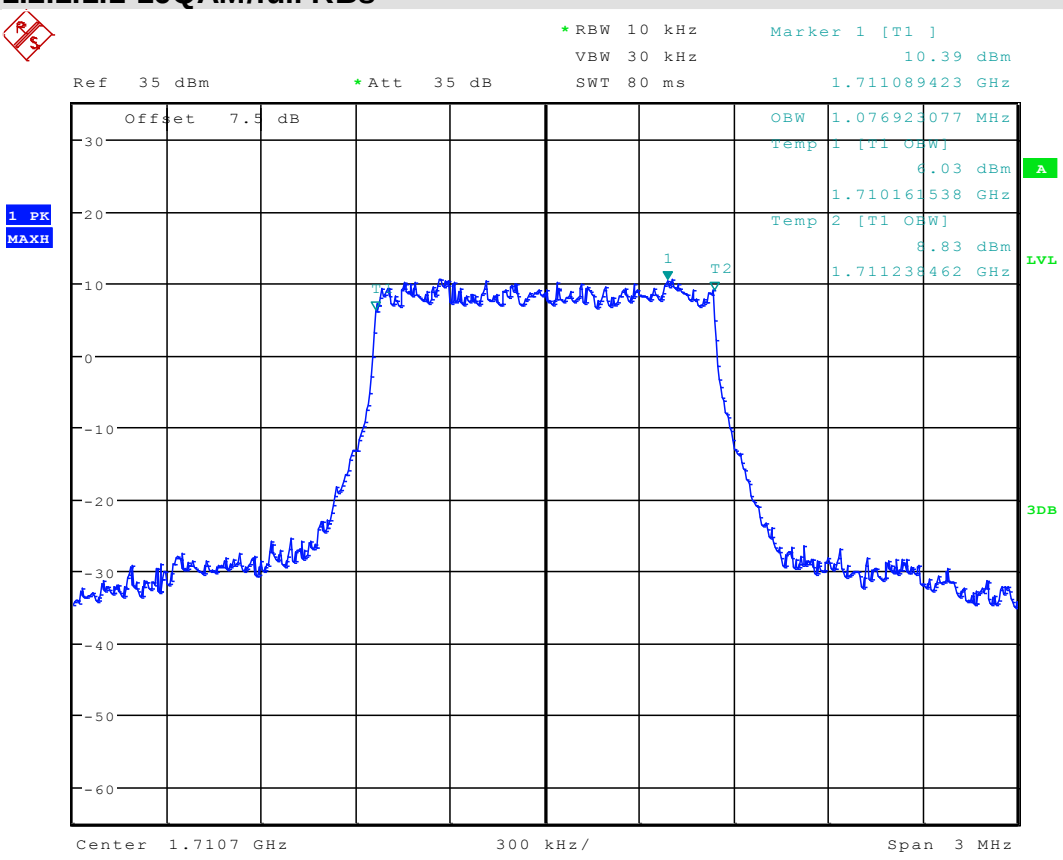


1.2 Test Mode=TM2

1.2.1 Channel Bandwidth = Lowest (1.4 MHz)

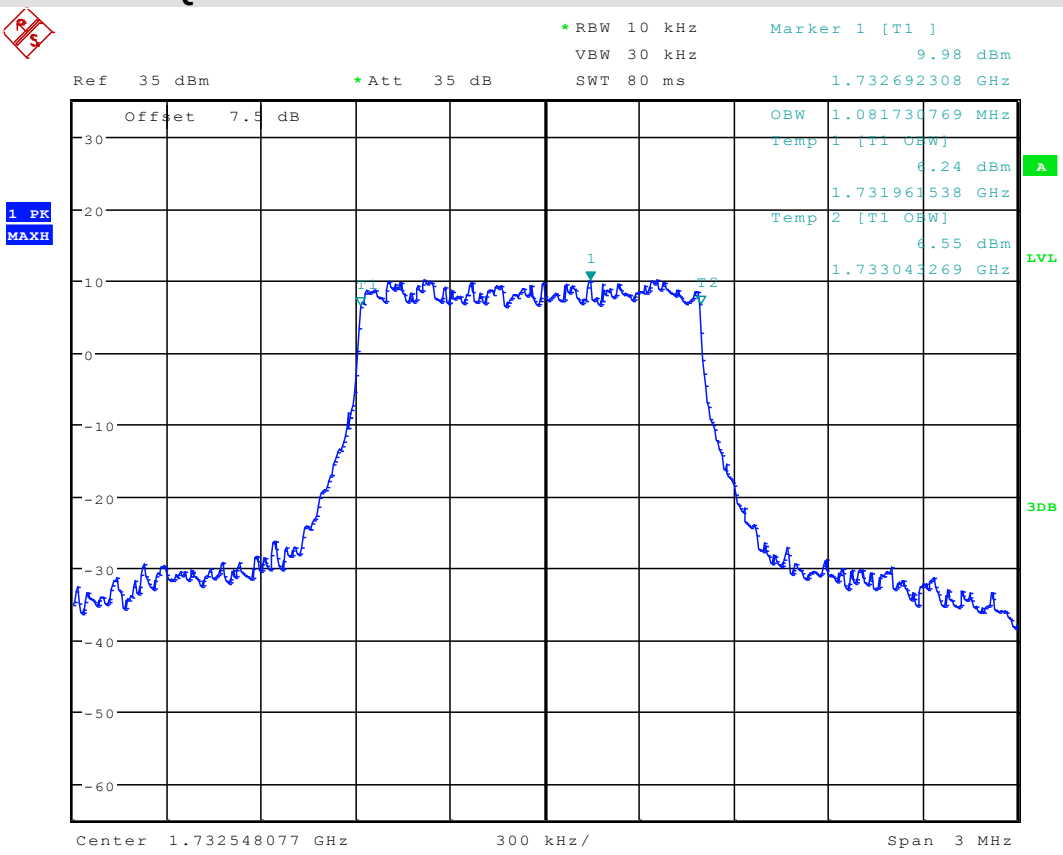
1.2.1.1 Channel = B

1.2.1.1.1 16QAM/full RBs



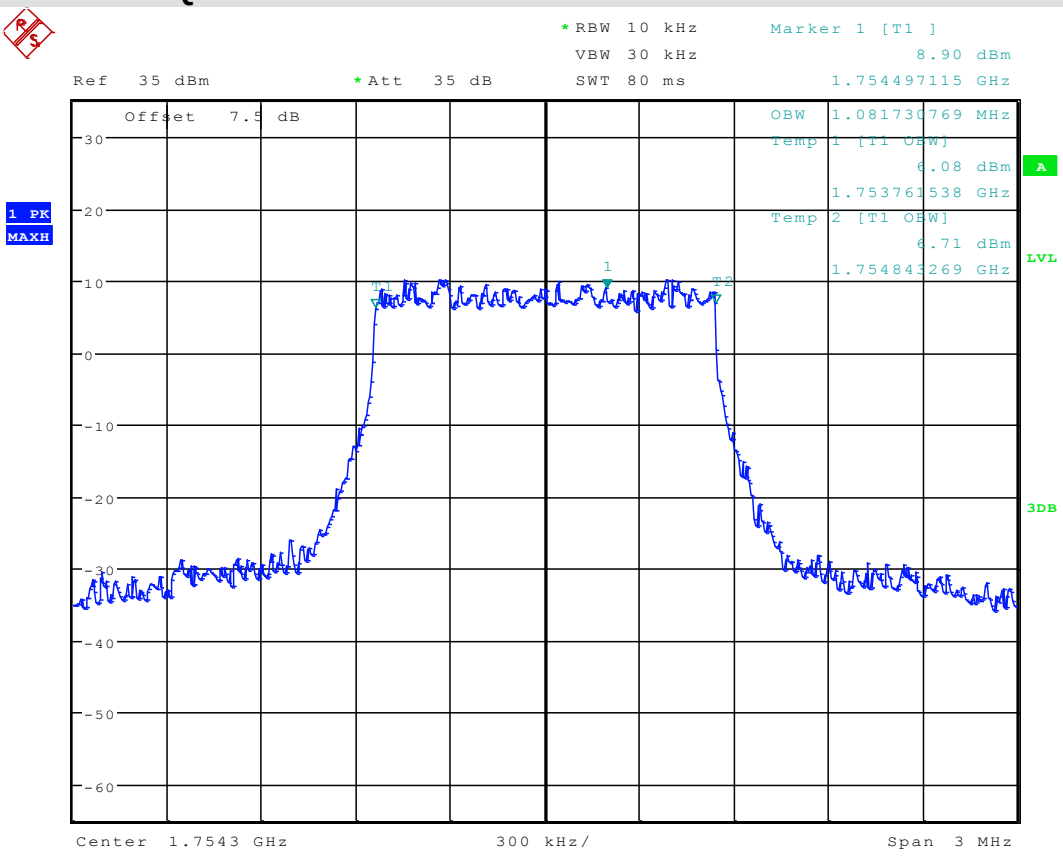
1.2.1.2 Channel =M

1.2.1.2.1 16QAM /full RBs



1.2.1.3 Channel =T

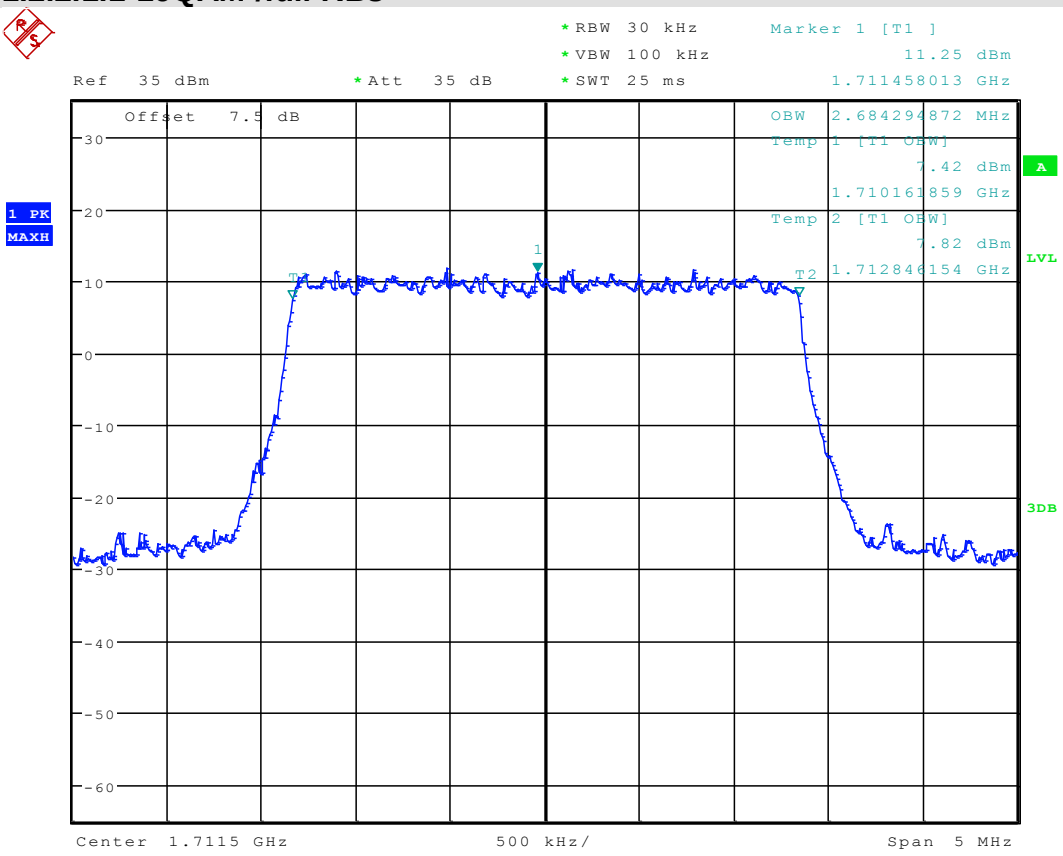
1.2.1.3.1 16QAM /full RBs



1.2.2 Channel Bandwidth = 3 MHz

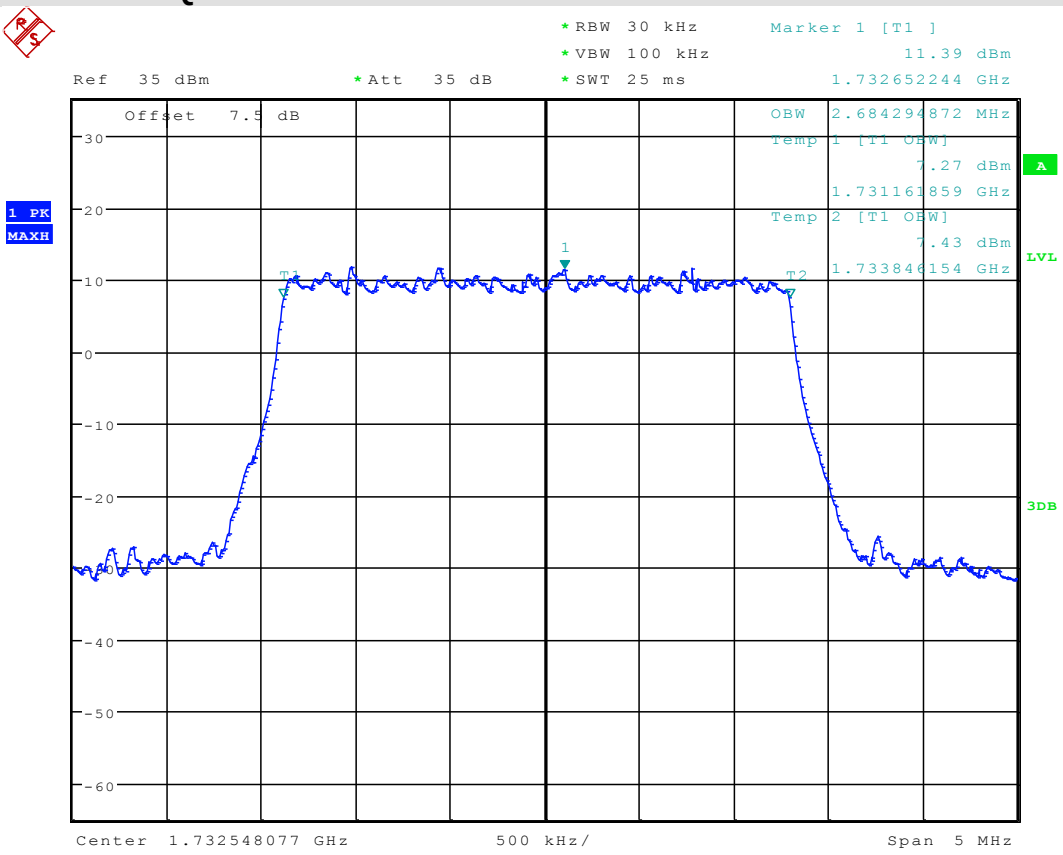
1.2.2.1 Channel = B

1.2.2.1.1 16QAM /full RBs



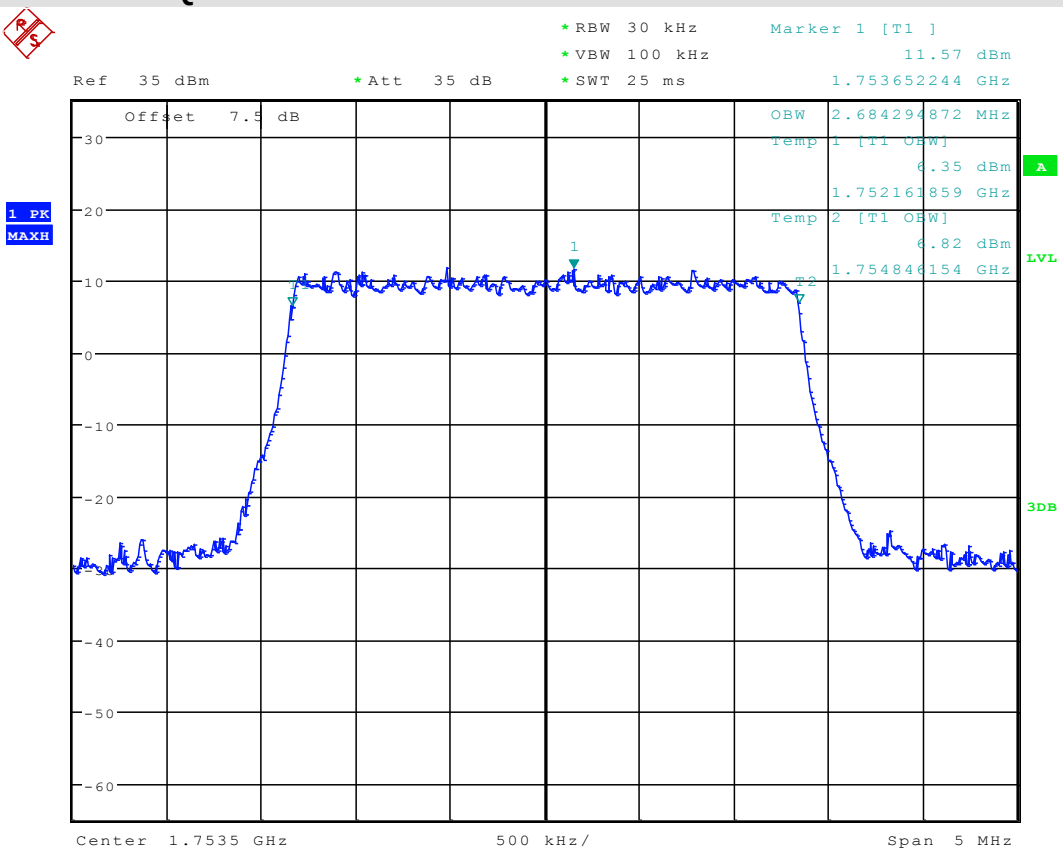
1.2.2.2 Channel =M

1.2.2.2.1 16QAM /full RBs



1.2.2.3 Channel =T

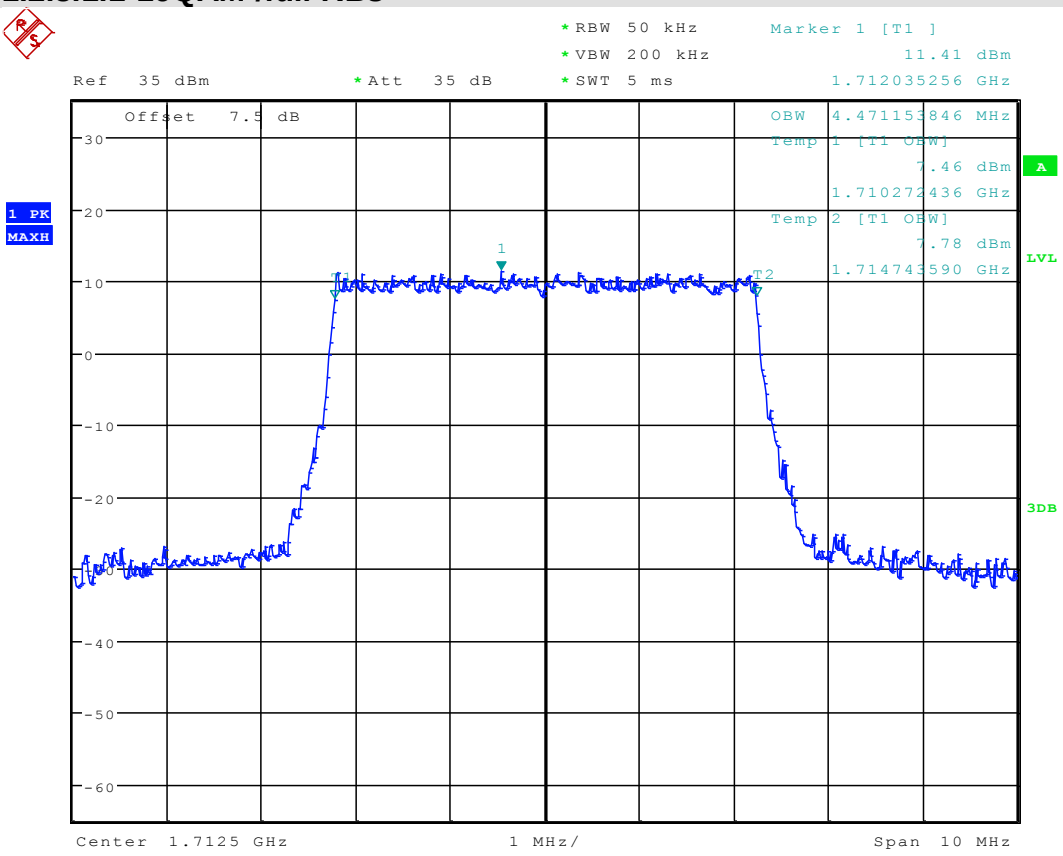
1.2.2.3.1 16QAM /full RBs



1.2.3 Channel Bandwidth = 5 MHz

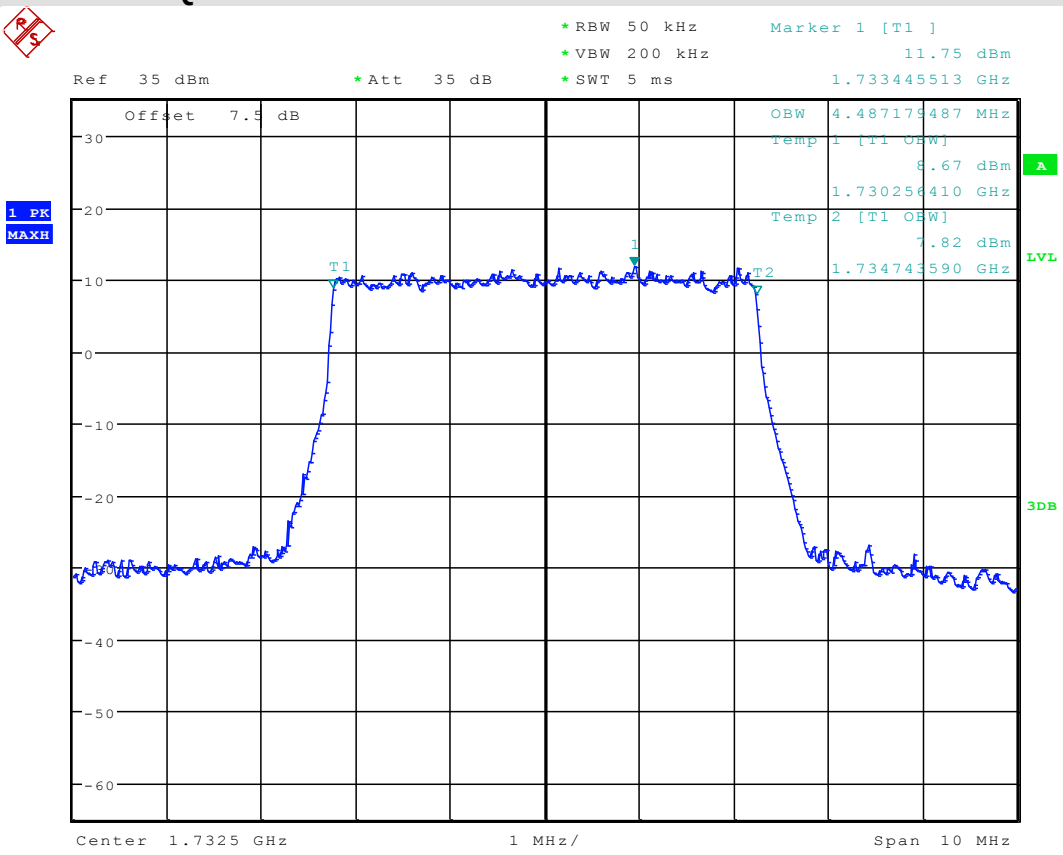
1.2.3.1 Channel = B

1.2.3.1.1 16QAM /full RBs



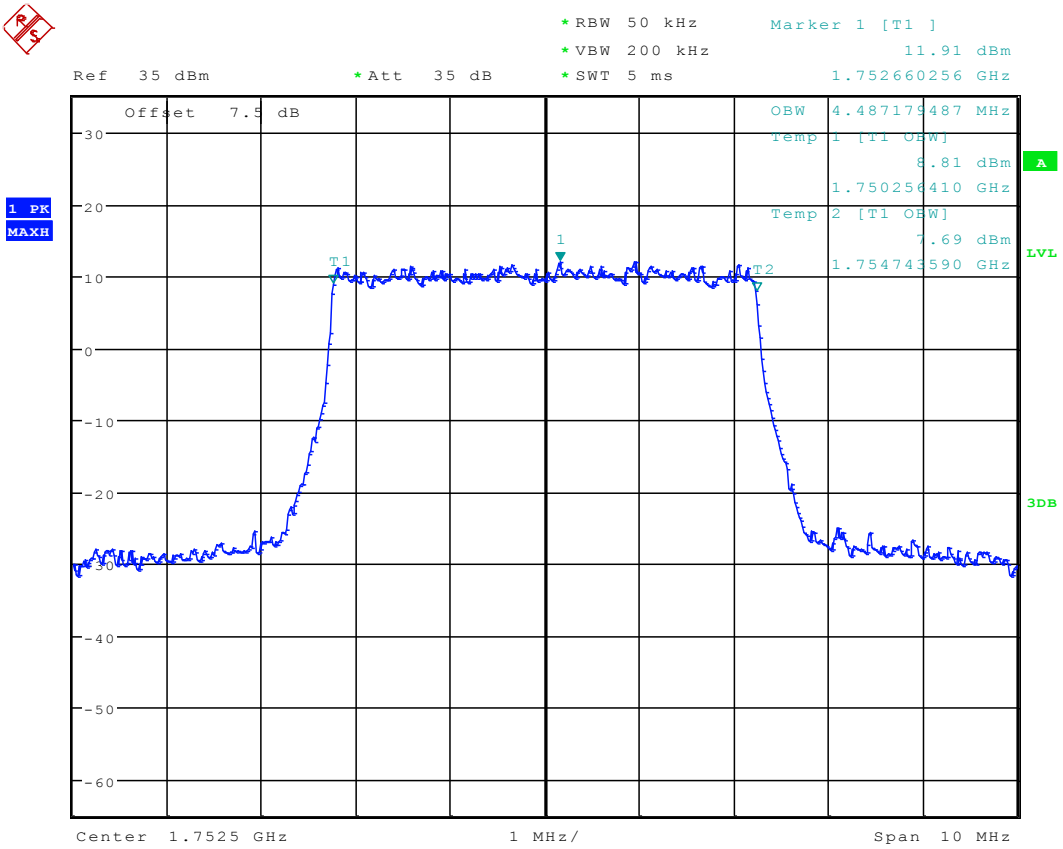
1.2.3.2 Channel =M

1.2.3.2.1 16QAM /full RBs



1.2.3.3 Channel =T

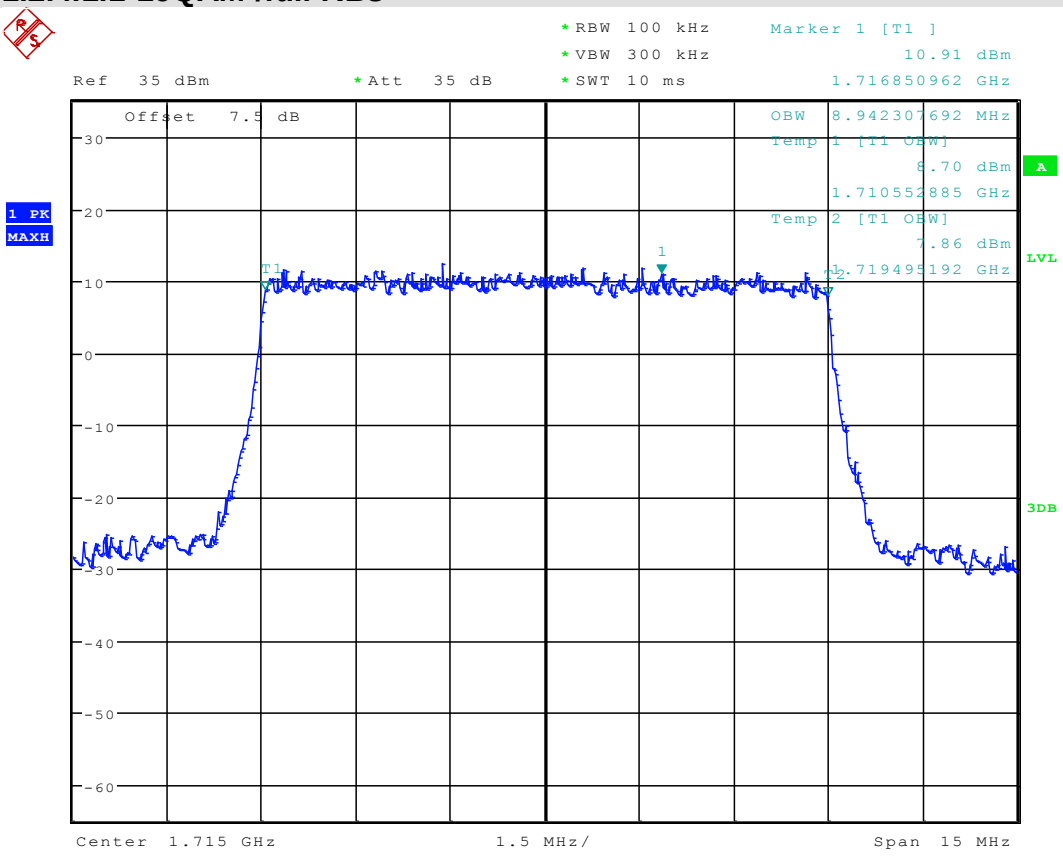
1.2.3.3.1 16QAM /full RBs



1.2.4 Channel Bandwidth = 10 MHz

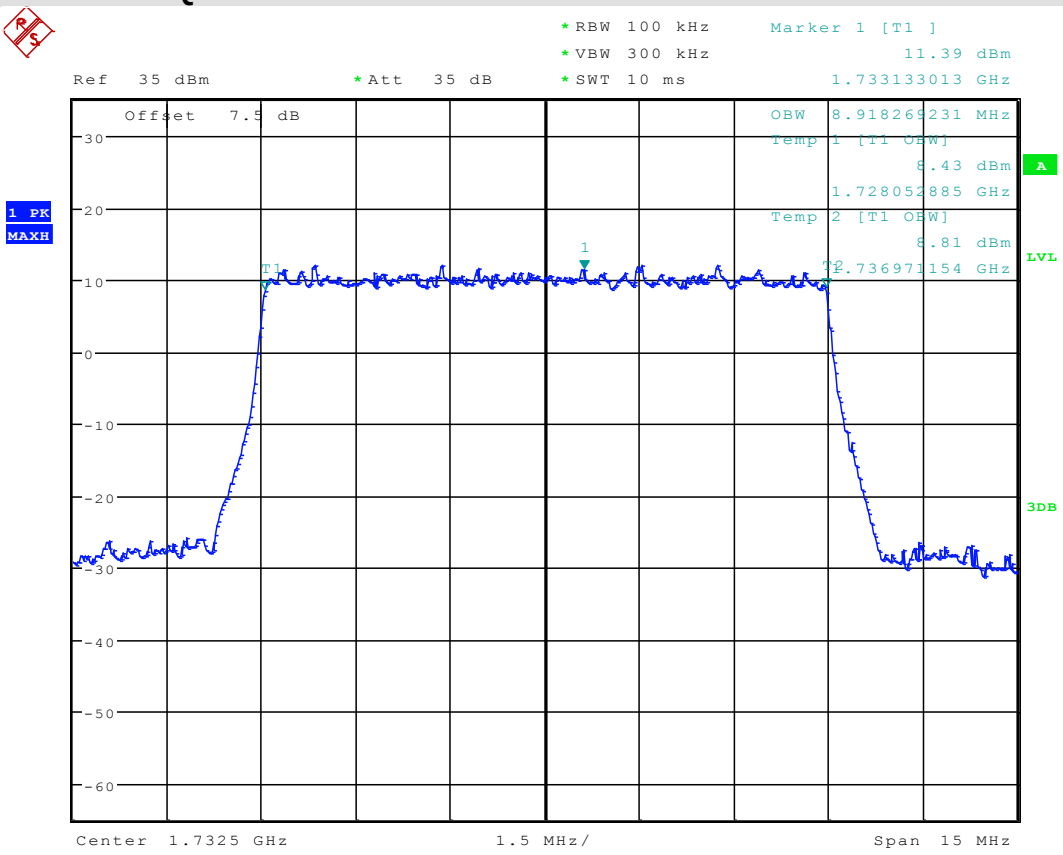
1.2.4.1 Channel = B

1.2.4.1.1 16QAM /full RBs



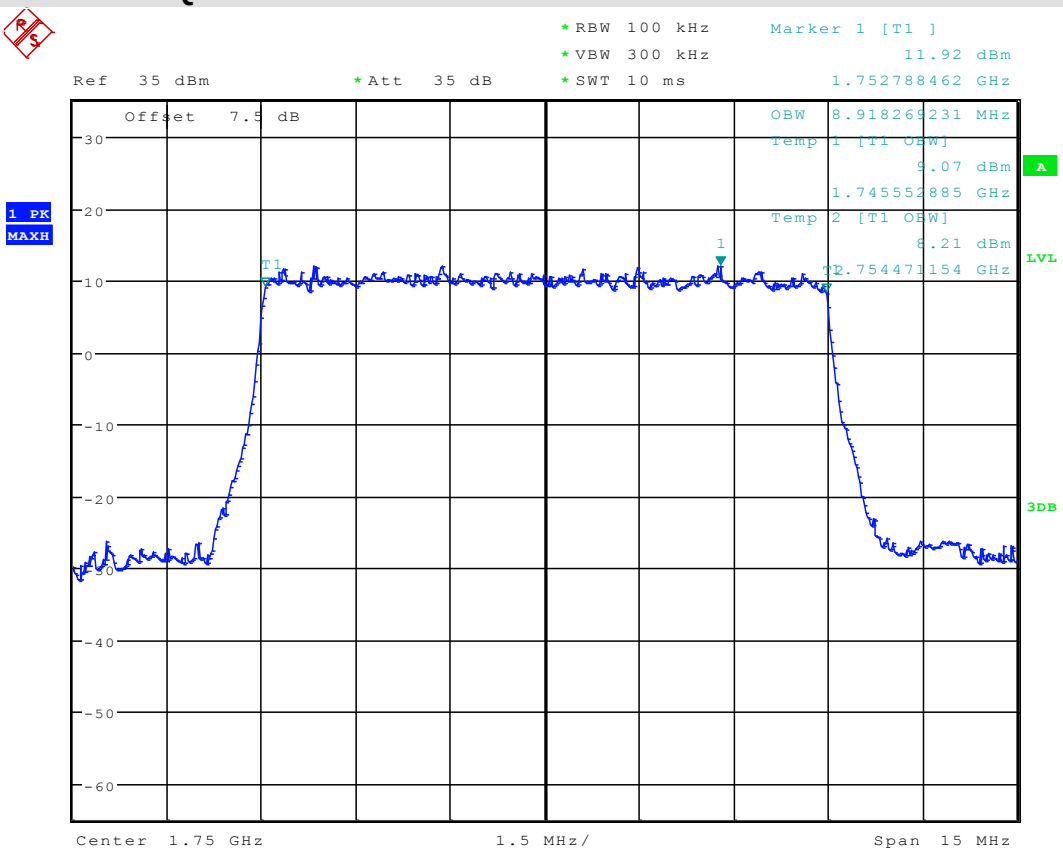
1.2.4.2 Channel =M

1.2.4.2.1 16QAM /full RBs



1.2.4.3 Channel =T

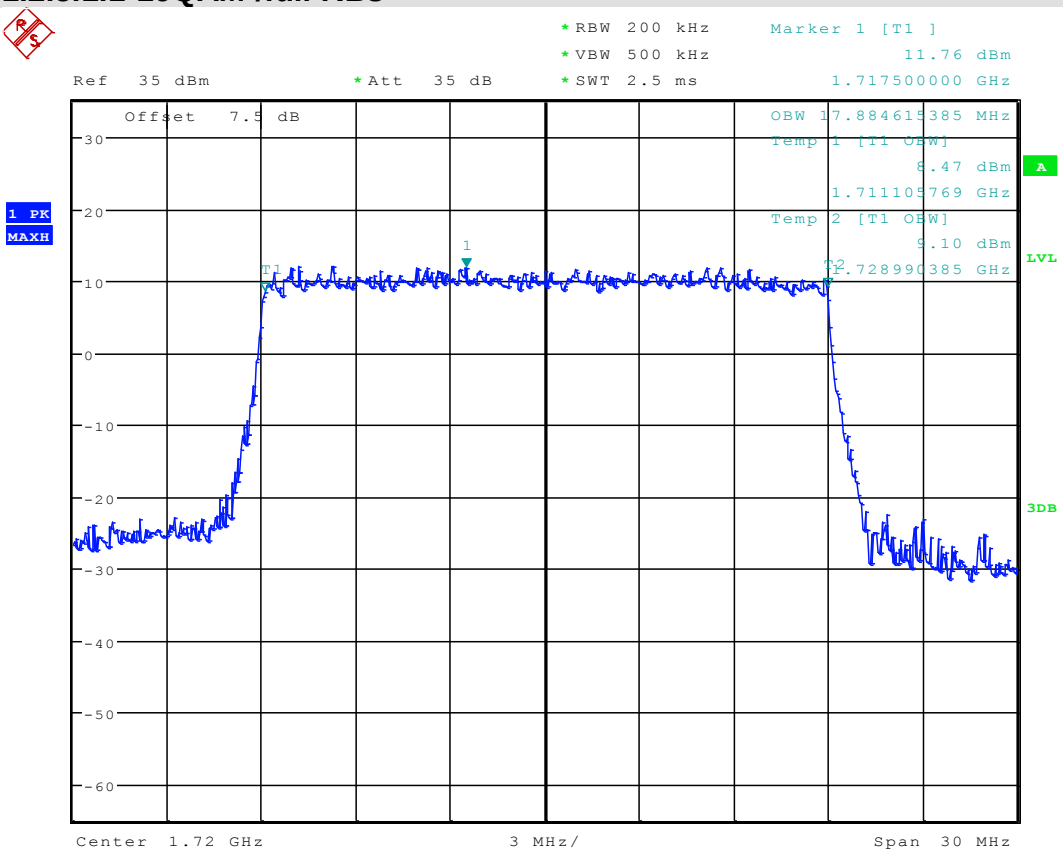
1.2.4.3.1 16QAM /full RBs



1.2.5 Channel Bandwidth = 20 MHz

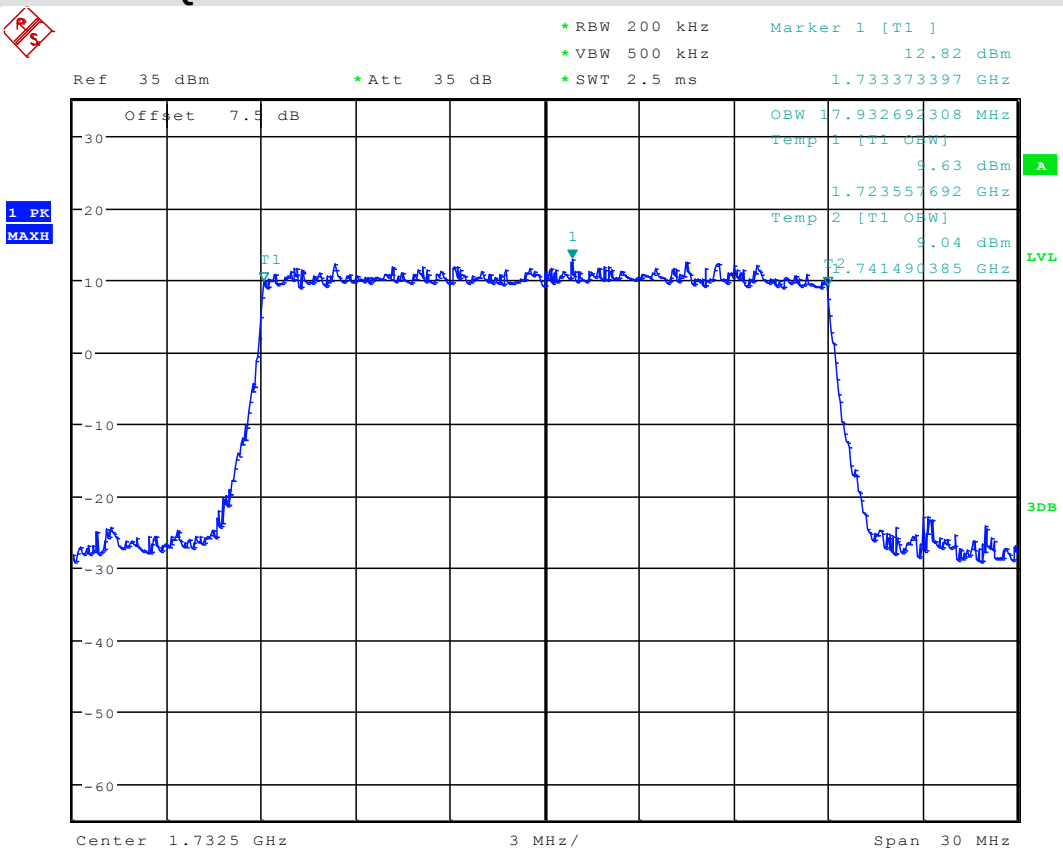
1.2.5.1 Channel = B

1.2.5.1.1 16QAM /full RBs



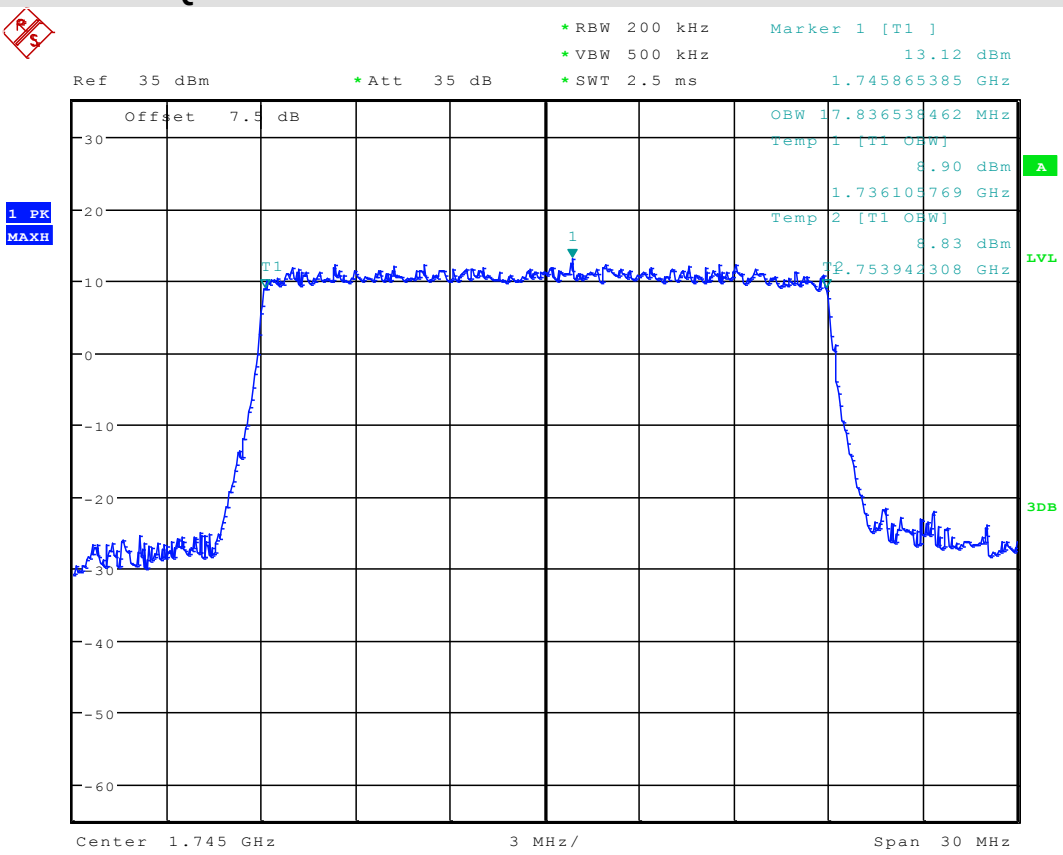
1.2.5.2 Channel =M

1.2.5.2.1 16QAM /full RBs



1.2.5.3 Channel =T

1.2.5.3.1 16QAM /full RBs



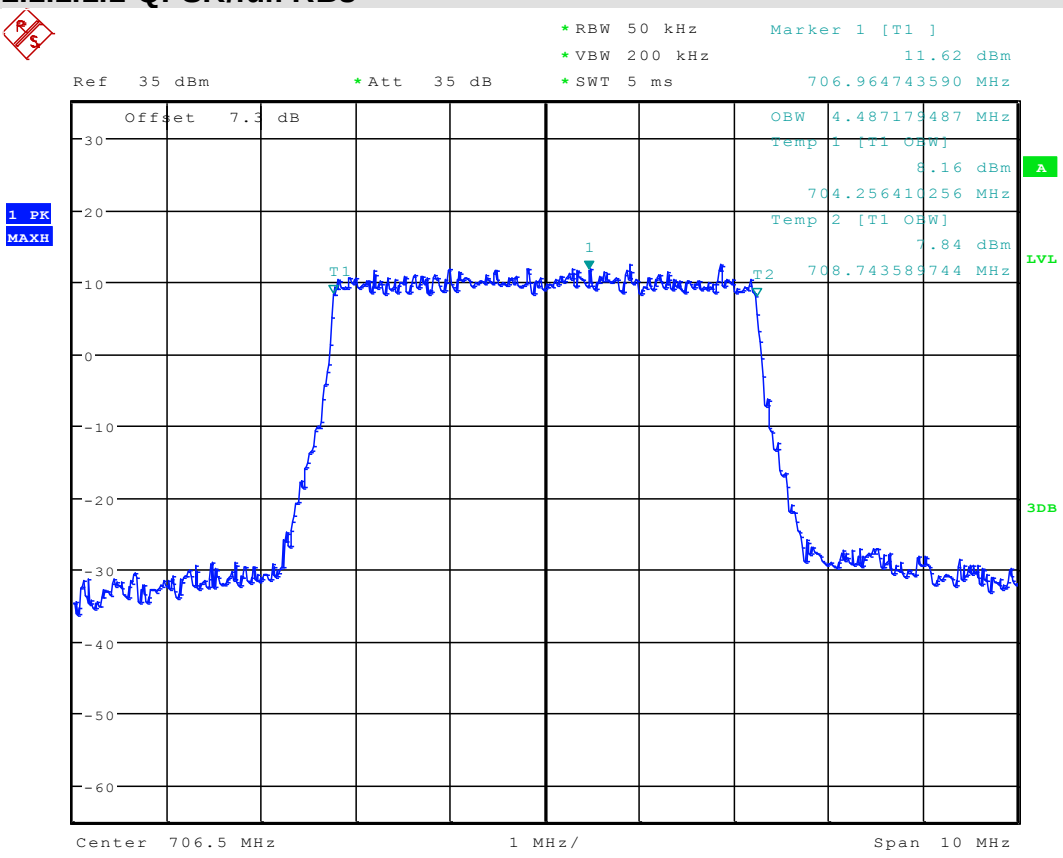
2 For Band 17

2.1 Test Mode=TM1

2.1.1 Channel Bandwidth = 5 MHz

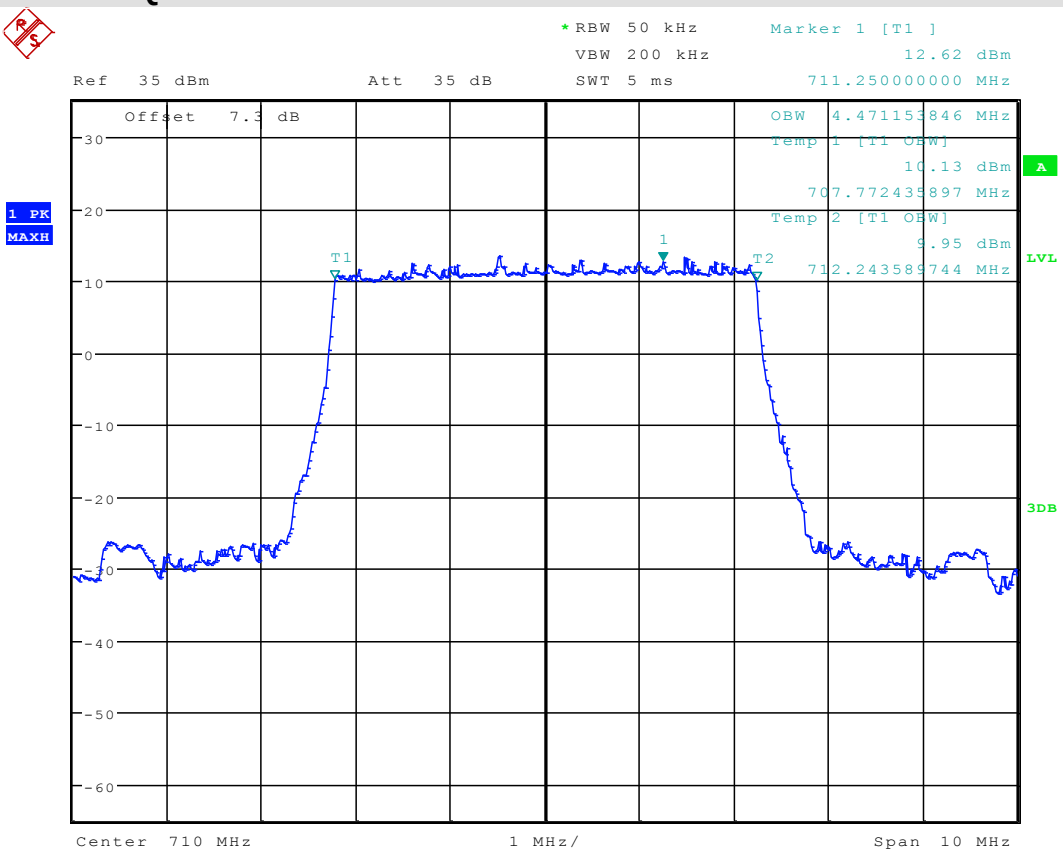
2.1.1.1 Channel = B

2.1.1.1.1 QPSK/full RBs



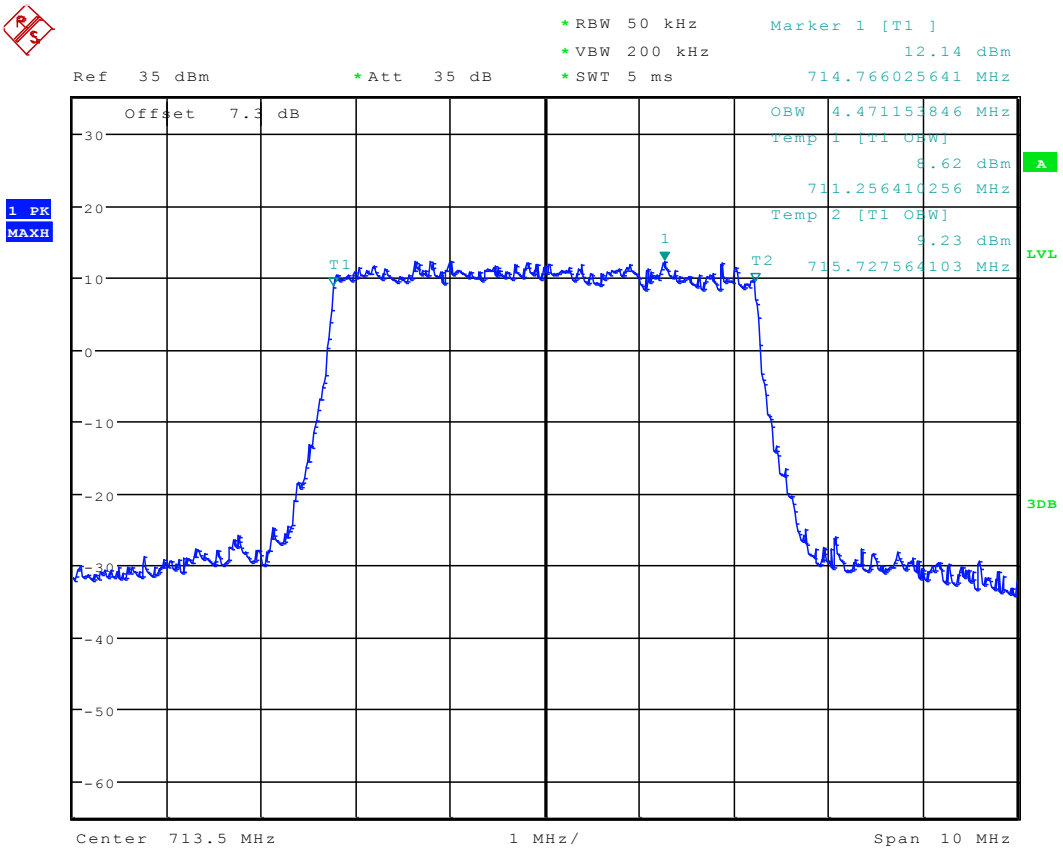
2.1.1.2 Channel =M

2.1.1.2.1 QPSK/full RBs



2.1.1.3 Channel =T

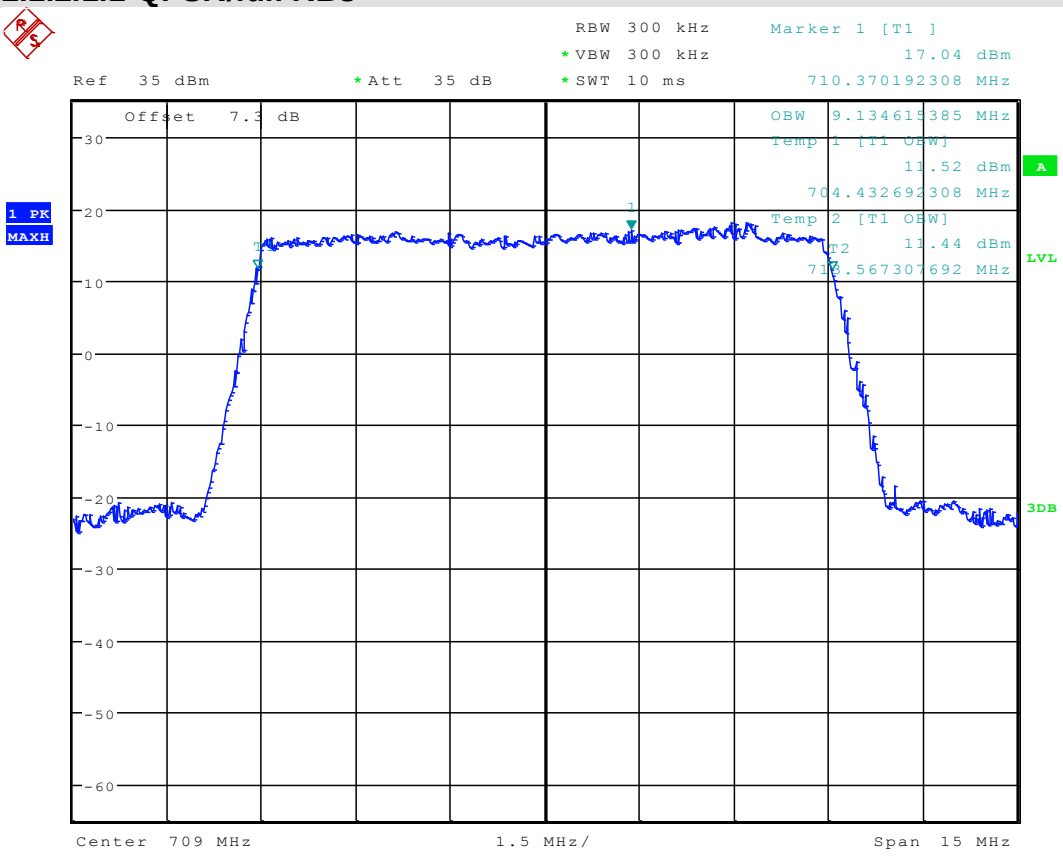
2.1.1.3.1 QPSK/full RBs



2.1.2 Channel Bandwidth = 10 MHz

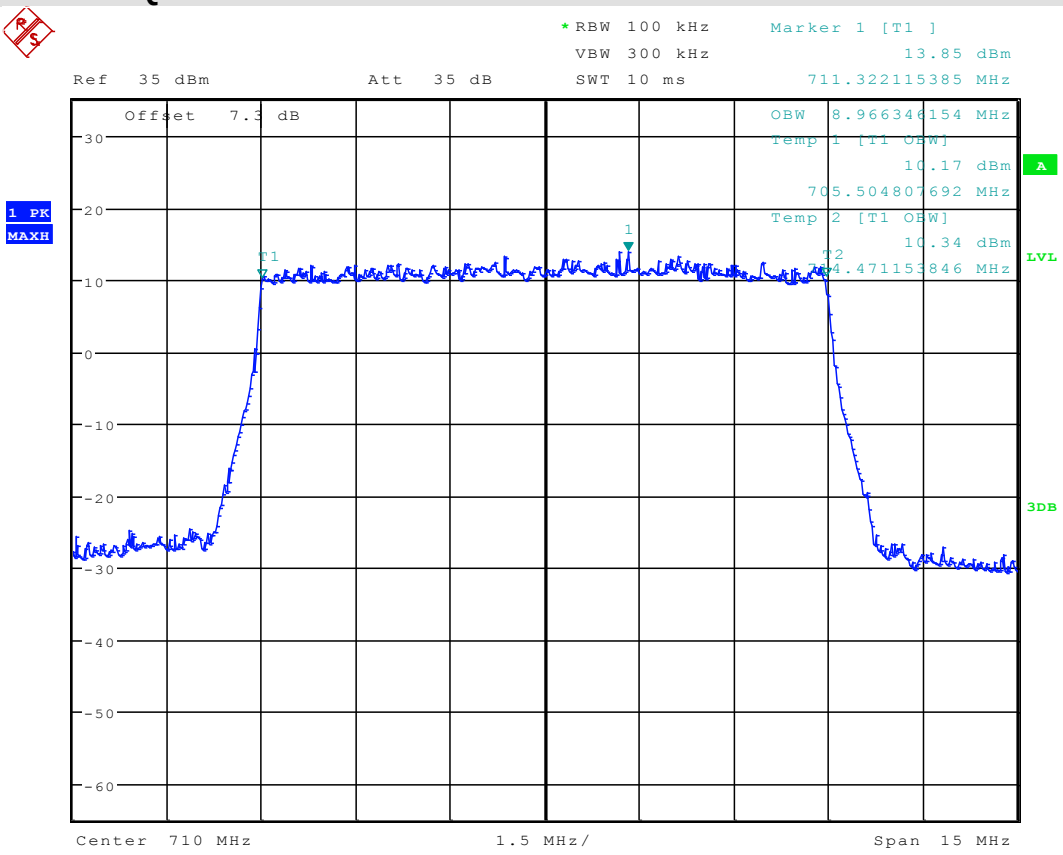
2.1.2.1 Channel = B

2.1.2.1.1 QPSK/full RBs



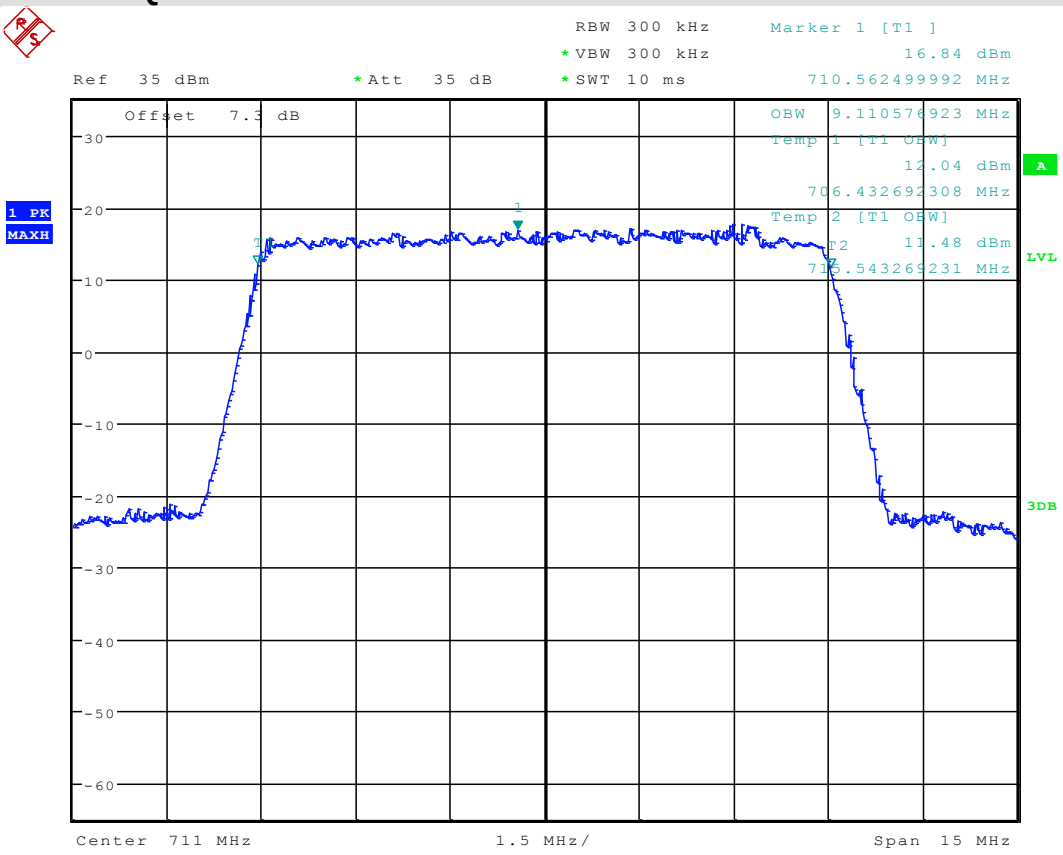
2.1.2.2 Channel =M

2.1.2.2.1 QPSK/full RBs



2.1.2.3 Channel =T

2.1.2.3.1 QPSK/full RBs

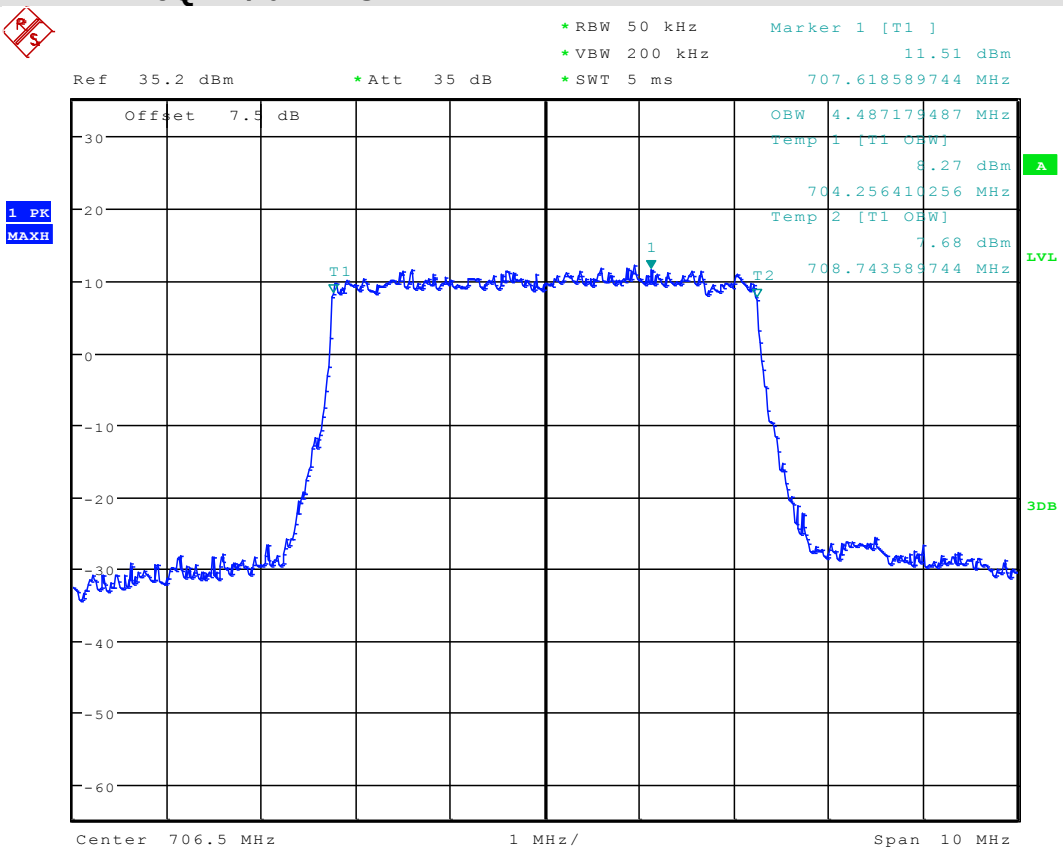


2.2 Test Mode=TM2

2.2.1 Channel Bandwidth = 5 MHz

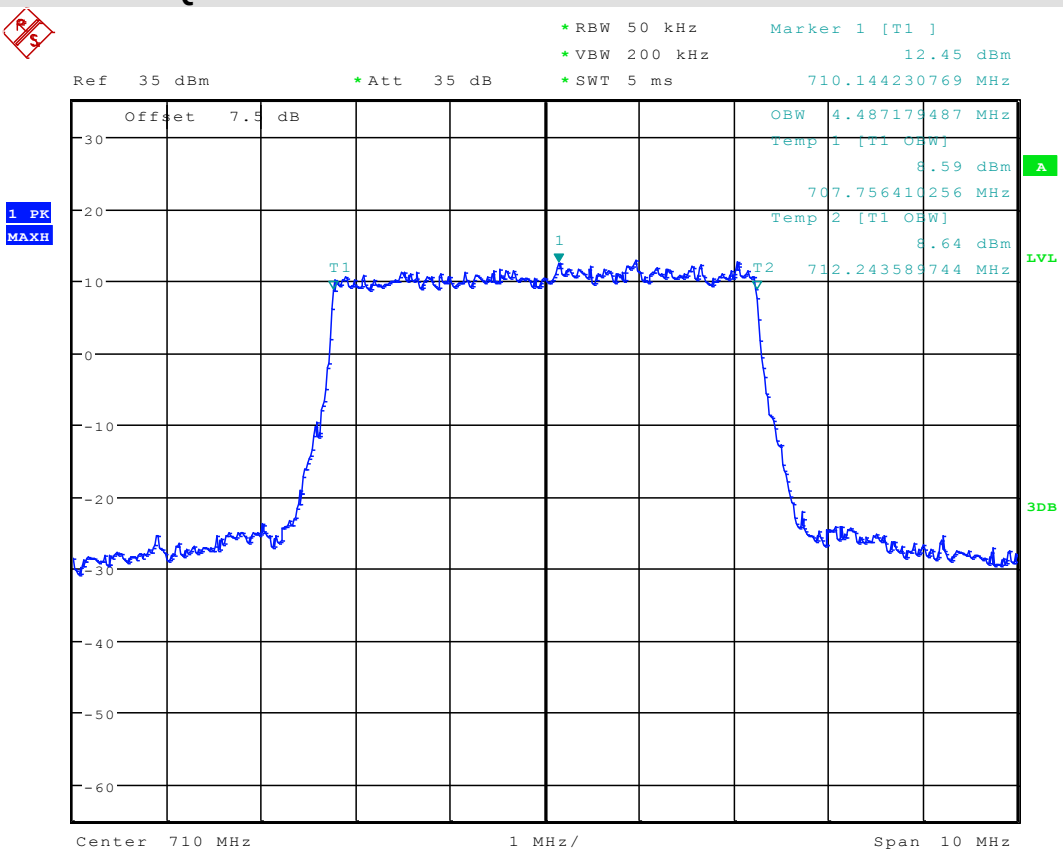
2.2.1.1 Channel = B

2.2.1.1.1 16QAM/full RBs



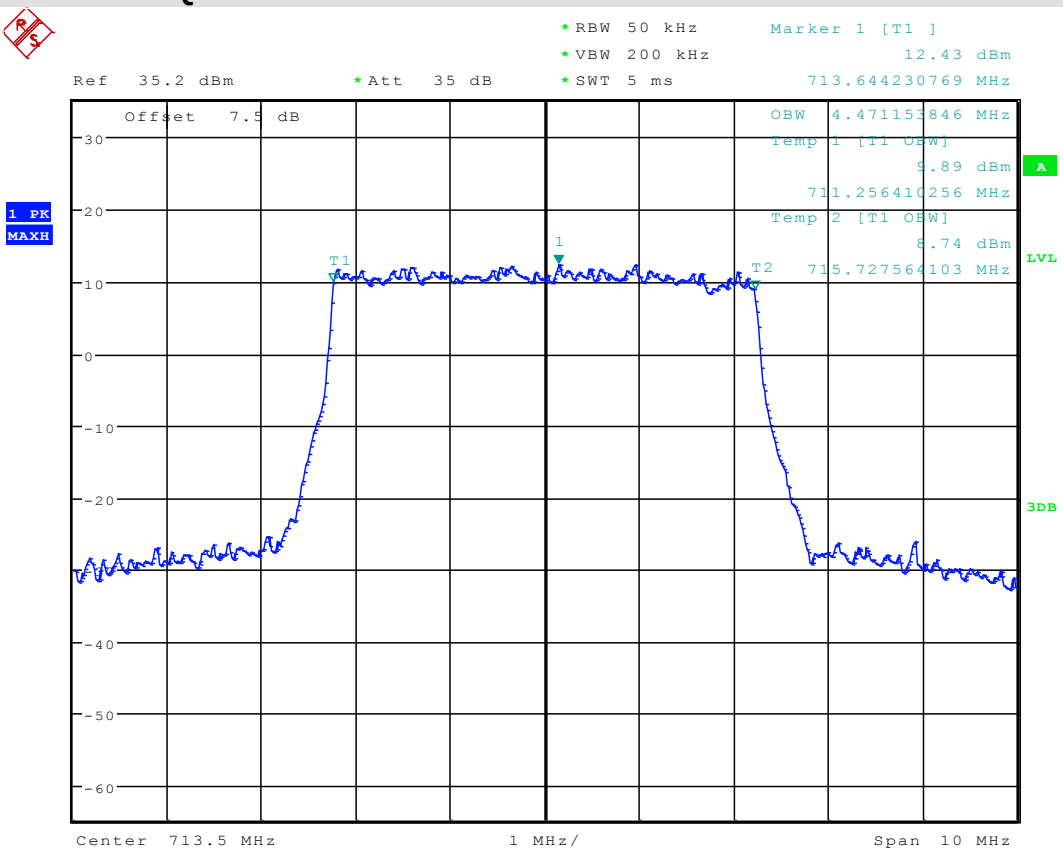
2.2.1.2 Channel =M

2.2.1.2.1 16QAM /full RBs



2.2.1.3 Channel =T

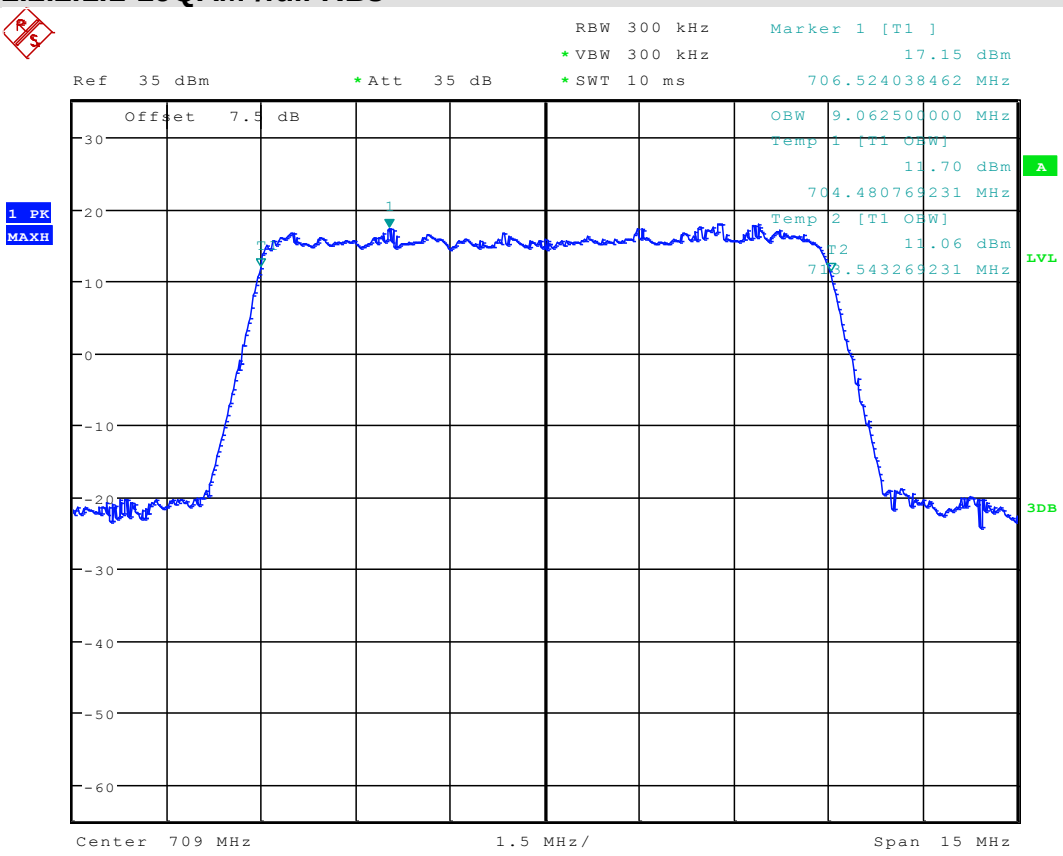
2.2.1.3.1 16QAM /full RBs



2.2.2 Channel Bandwidth = 10 MHz

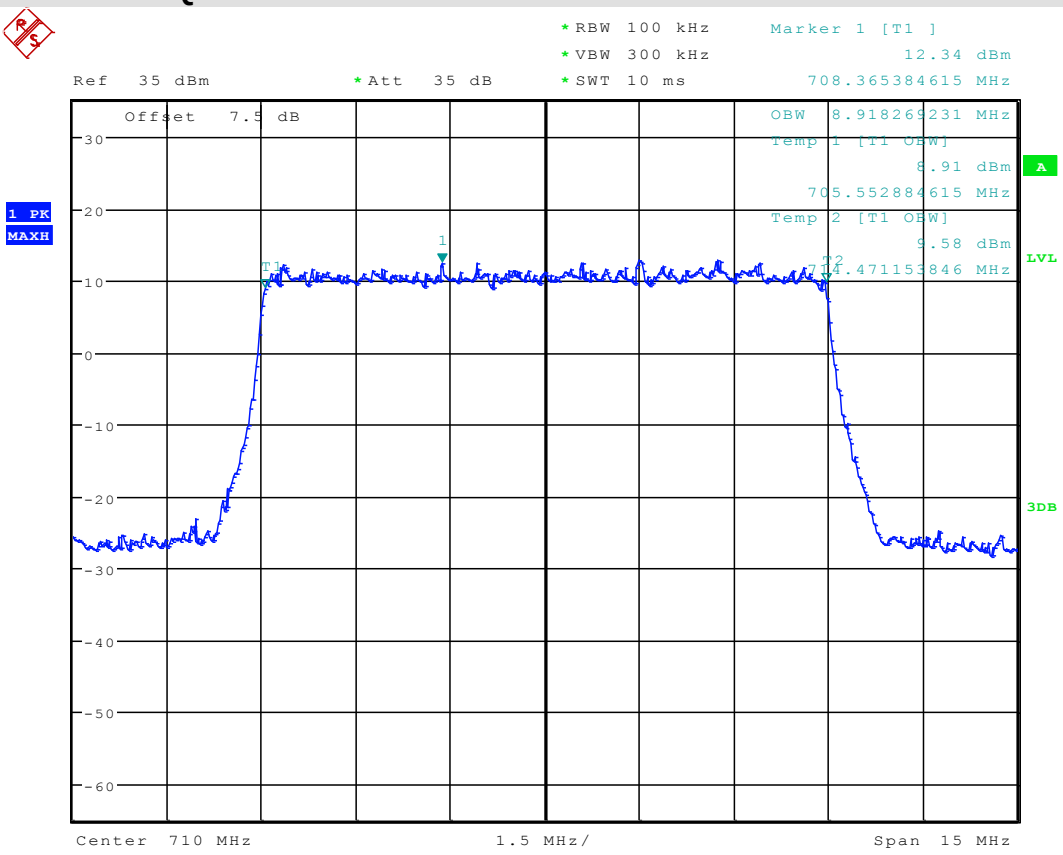
2.2.2.1 Channel = B

2.2.2.1.1 16QAM /full RBs



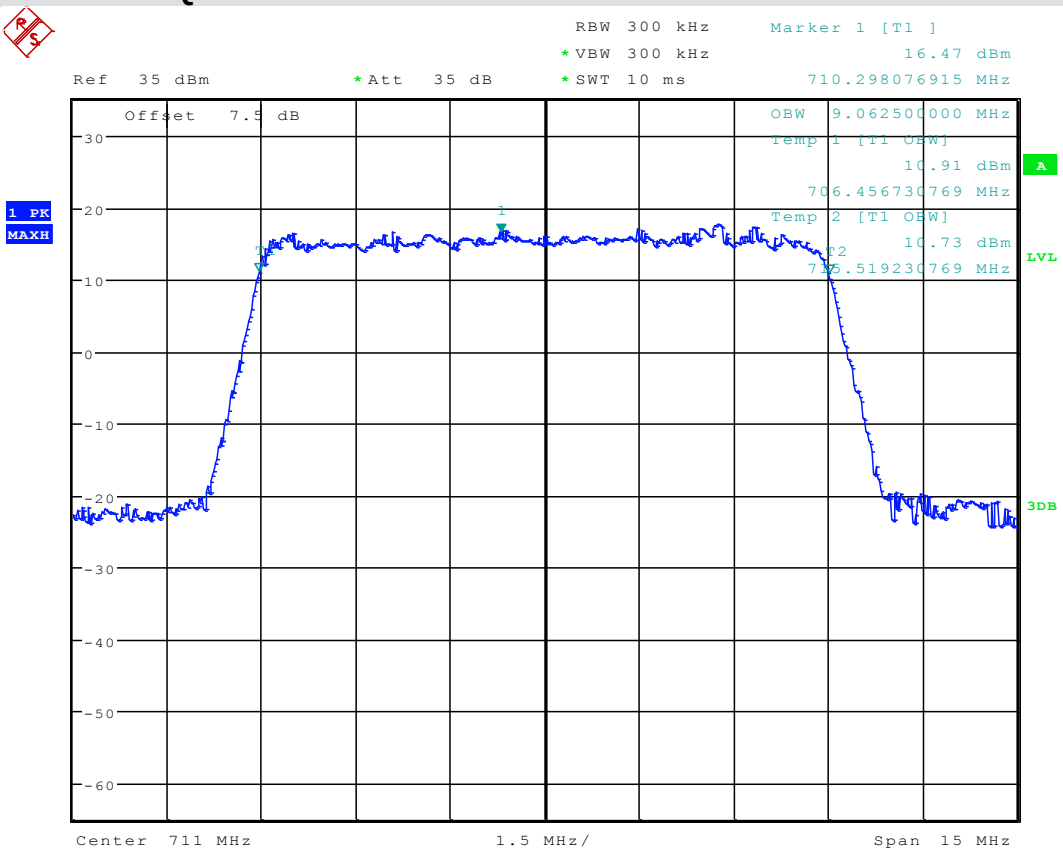
2.2.2.2 Channel =M

2.2.2.2.1 16QAM /full RBs



2.2.2.3 Channel =T

2.2.2.3.1 16QAM /full RBs



END