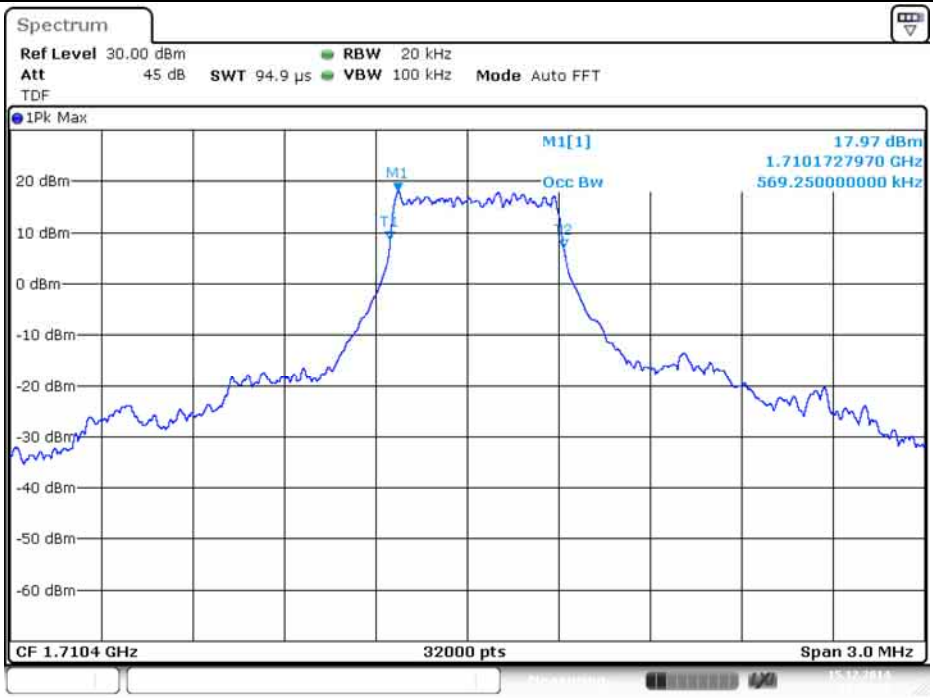
LTE Band 4

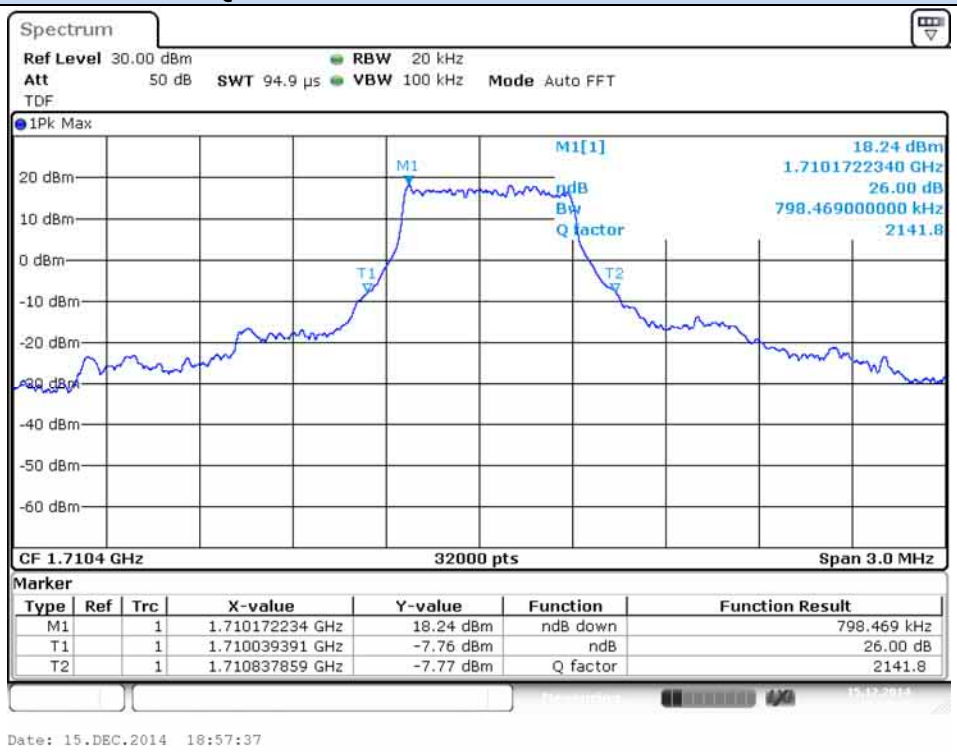
Occupied bandwidth 99%

LTE 4 QPSK BW1.4MHz Low channel 19957 3RB-0



Emission bandwidth -26dB

LTE 4 QPSK BW1.4MHz Low channel 19957 3RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710172234 GHz	18.24 dBm	ndB down	798.469 kHz
T1		1	1.710039391 GHz	-7.76 dBm	ndB	26.00 dB
T2		1	1.710837859 GHz	-7.77 dBm	Q factor	2141.8

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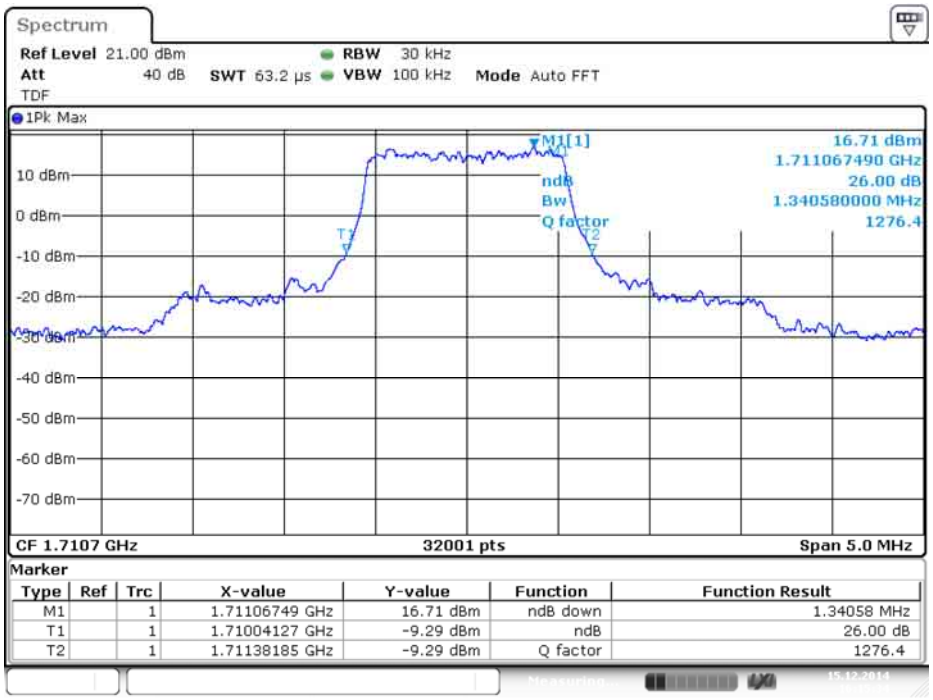
Occupied bandwidth 99%

LTE 4 QPSK BW1.4MHz Low channel 19957 6RB-0

Date: 15.DEC.2014 16:19:22

Emission bandwidth -26dB

LTE 4 QPSK BW1.4MHz Low channel 19957 6RB-0



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71106749 GHz	16.71 dBm	ndB down	1.34058 MHz
T1		1	1.71004127 GHz	-9.29 dBm	ndB	26.00 dB
T2		1	1.71138185 GHz	-9.29 dBm	Q factor	1276.4

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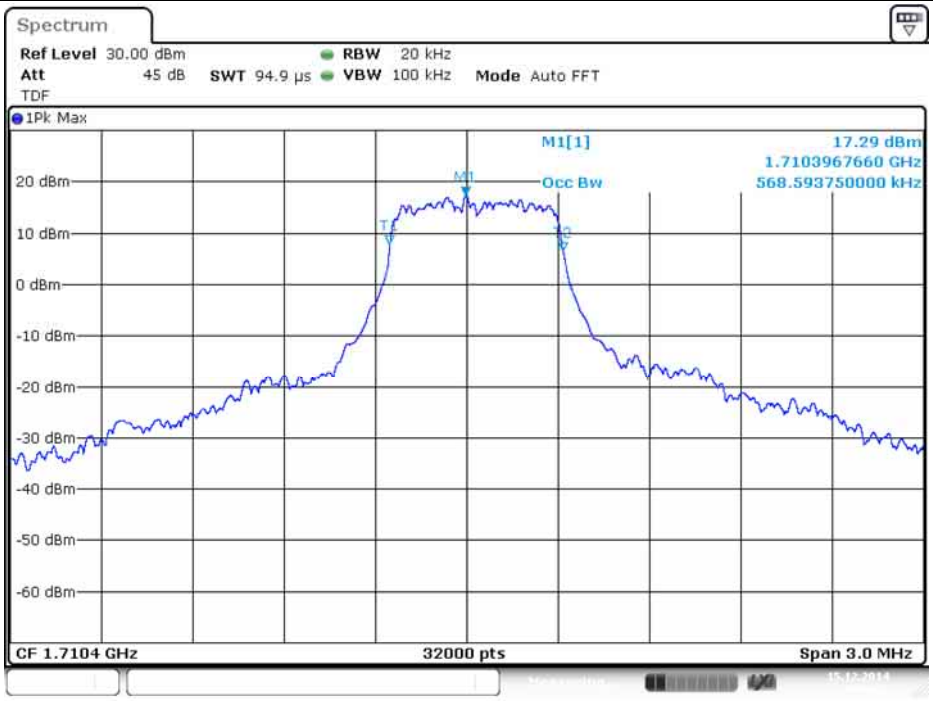
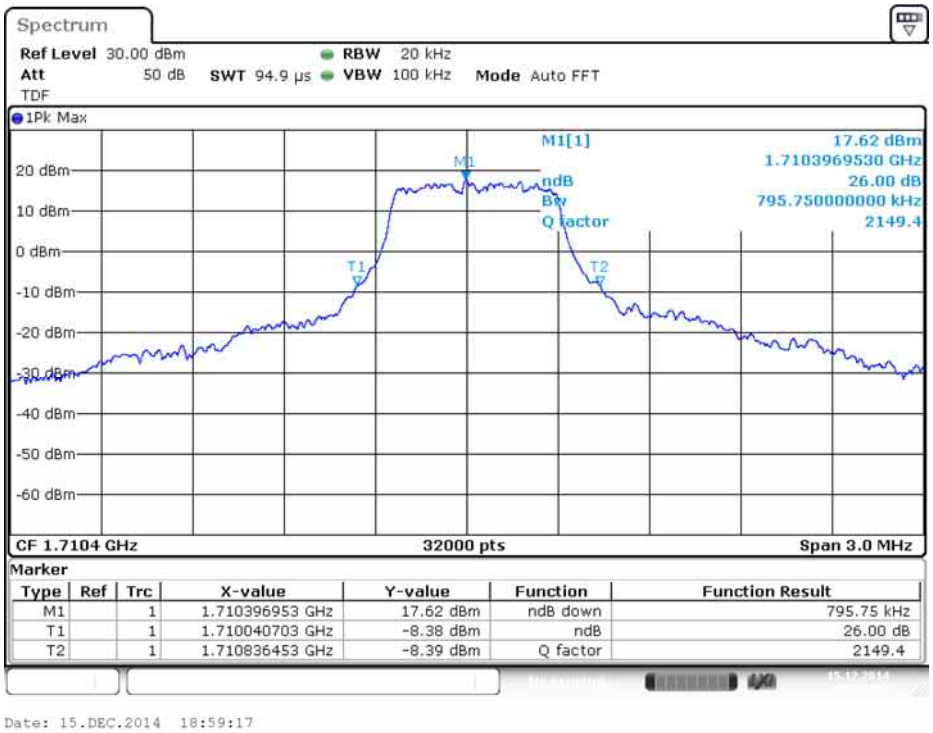
Occupied bandwidth 99%

LTE 4 16QAM BW1.4MHz Low channel 19957 3RB-0



Emission bandwidth -26dB

LTE 4 16QAM BW1.4MHz Low channel 19957 3RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710396953 GHz	17.62 dBm	ndB down	795.75 kHz
T1		1	1.710040703 GHz	-8.38 dBm	ndB	26.00 dB
T2		1	1.710836453 GHz	-8.39 dBm	Q factor	2149.4

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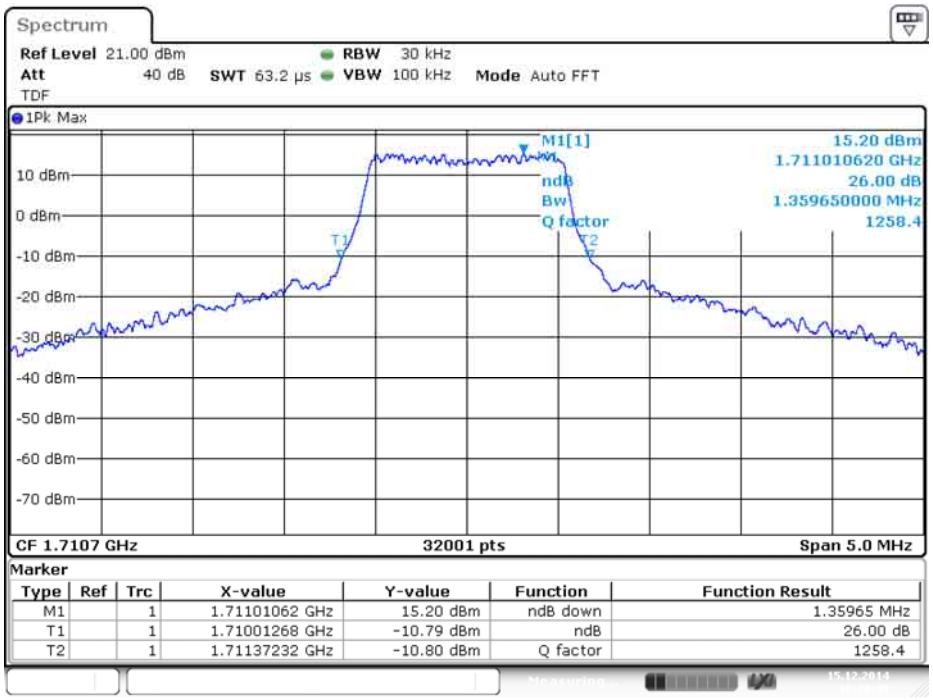
Occupied bandwidth 99%

LTE 4 16QAM BW1.4MHz Low channel 19957 6RB-0

Date: 15.DEC.2014 16:20:21

Emission bandwidth -26dB

LTE 4 16QAM BW1.4MHz Low channel 19957 6RB-0



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71101062 GHz	15.20 dBm	ndB down	1.35965 MHz
T1		1	1.71001268 GHz	-10.79 dBm	ndB	26.00 dB
T2		1	1.71137232 GHz	-10.80 dBm	Q factor	1258.4

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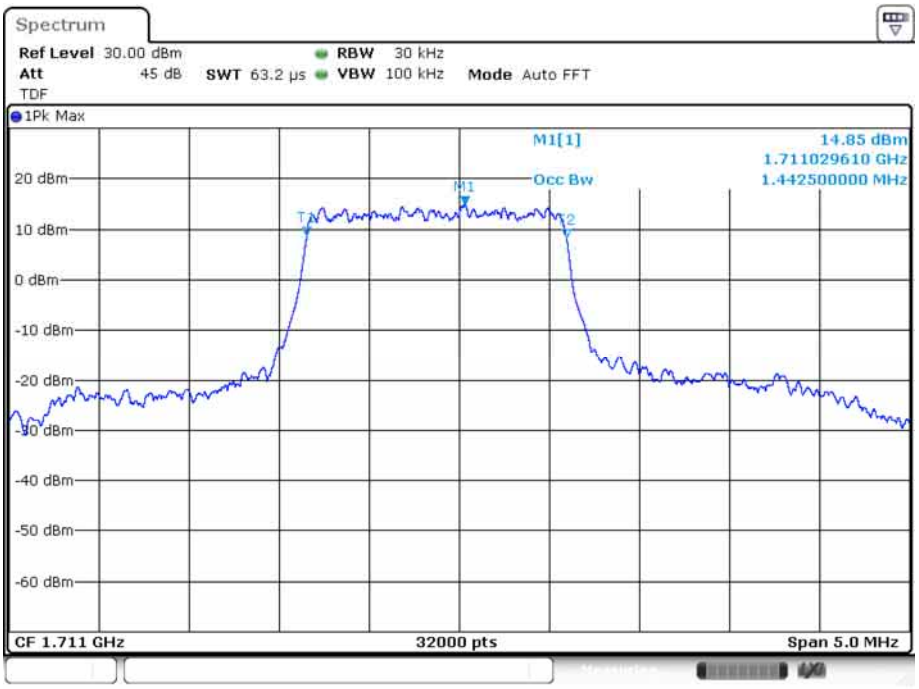
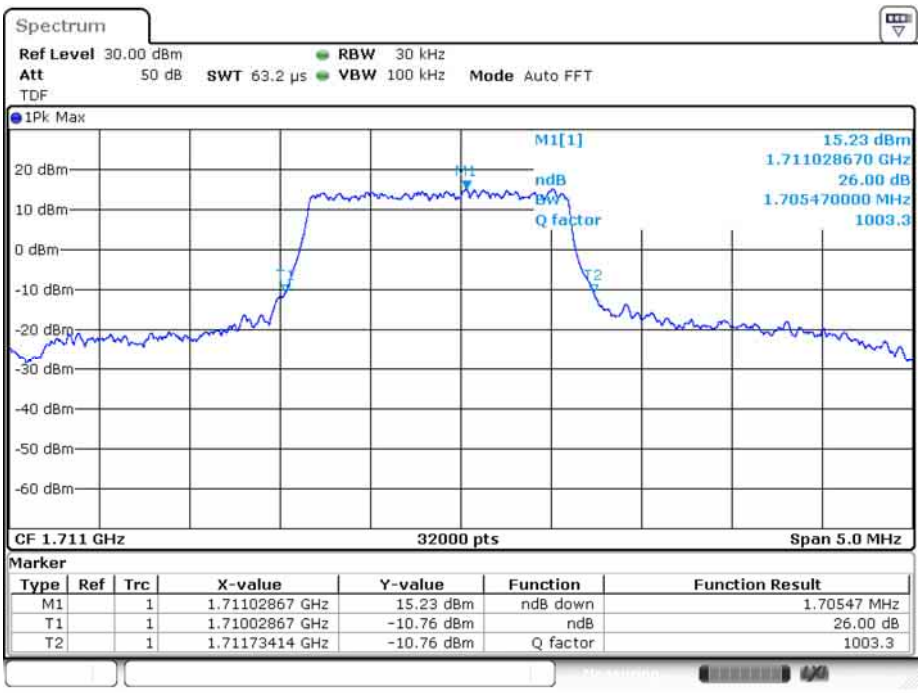
Occupied bandwidth 99%

LTE 4 QPSK BW3MHz Low channel 19965 8RB-0



Emission bandwidth -26dB

LTE 4 QPSK BW3MHz Low channel 19965 8RB-0



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71102867 GHz	15.23 dBm	ndB down	1.70547 MHz
T1		1	1.71002867 GHz	-10.76 dBm	ndB	26.00 dB
T2		1	1.71173414 GHz	-10.76 dBm	Q factor	1003.3

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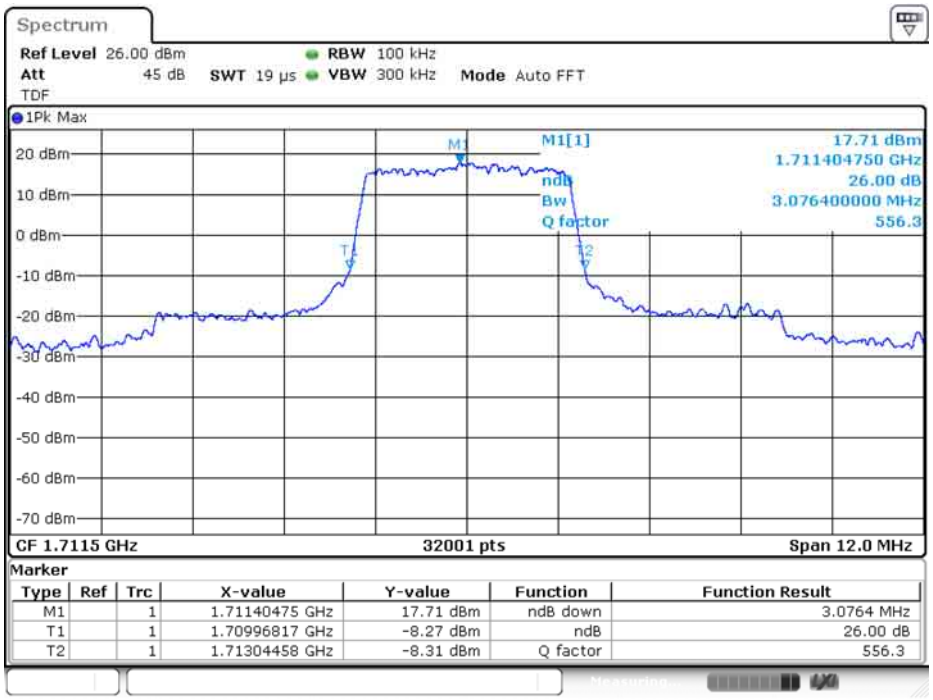
Occupied bandwidth 99%

LTE 4 QPSK BW3MHz Low channel 19965 15RB-0

Emission bandwidth -26dB

LTE 4 QPSK BW3MHz Low channel 19965 15RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71140475 GHz	17.71 dBm	ndB down	3.0764 MHz
T1		1	1.70996817 GHz	-8.27 dBm	ndB	26.00 dB
T2		1	1.71304458 GHz	-8.31 dBm	Q factor	556.3

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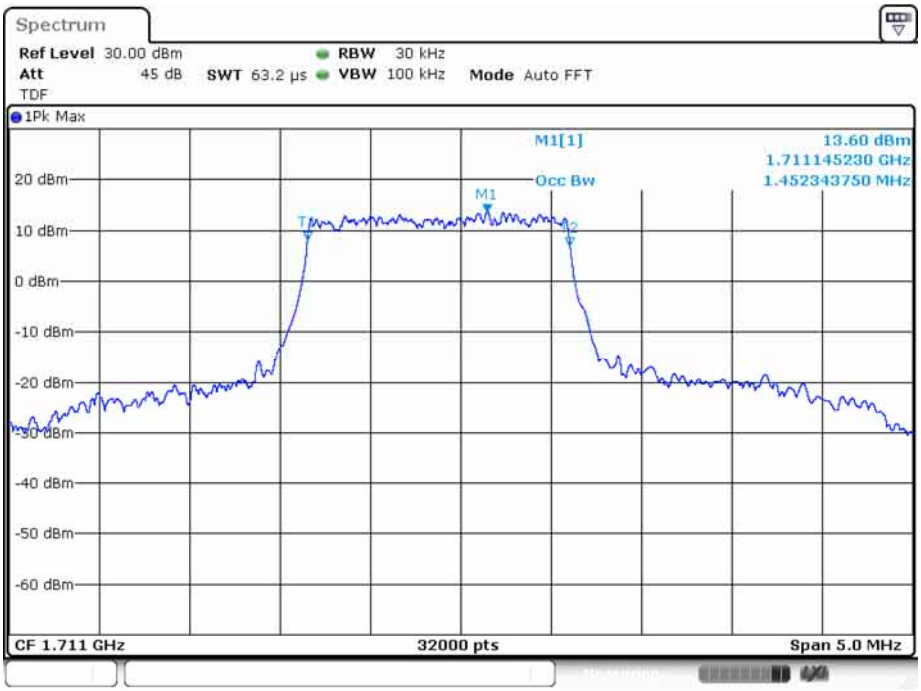
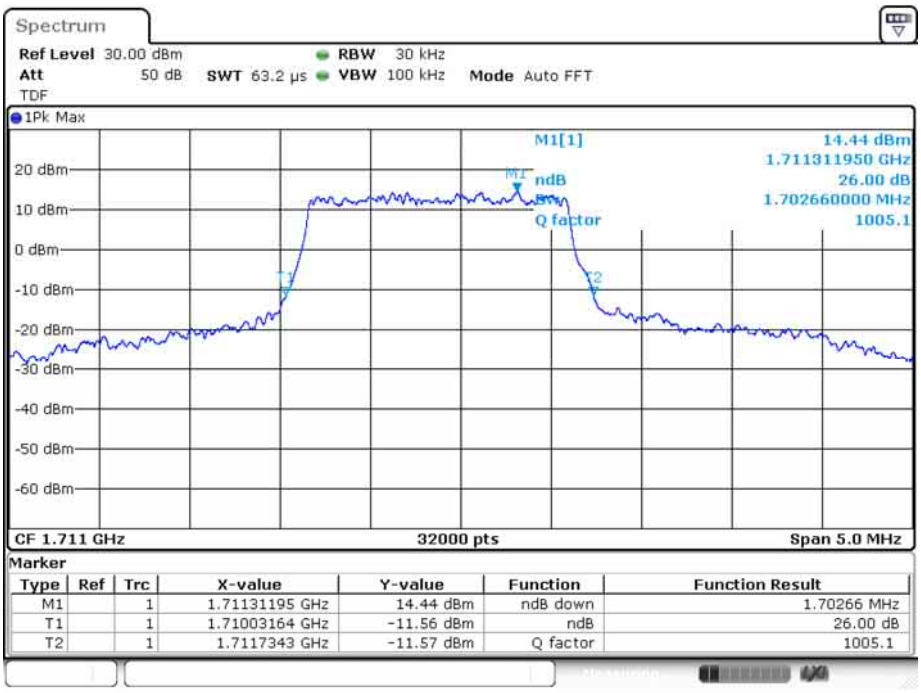
Occupied bandwidth 99%

LTE 4 16QAM BW3MHz Low channel 19965 8RB-0



Emission bandwidth -26dB

LTE 4 16QAM BW3MHz Low channel 19965 8RB-0



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71131195 GHz	14.44 dBm	ndB down	1.70266 MHz
T1		1	1.71003164 GHz	-11.56 dBm	ndB	26.00 dB
T2		1	1.7117343 GHz	-11.57 dBm	Q factor	1005.1

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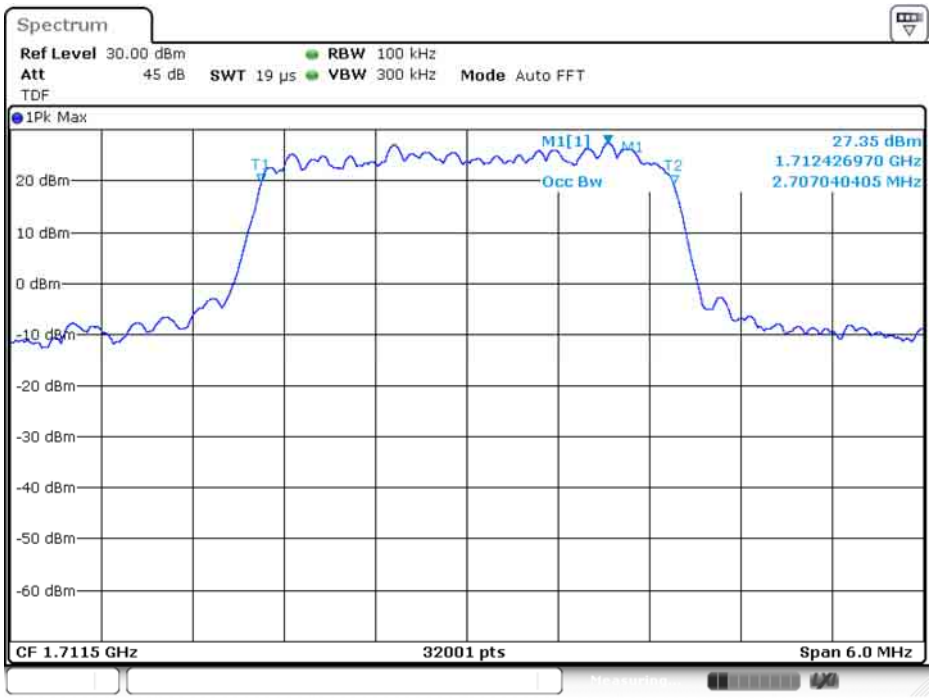
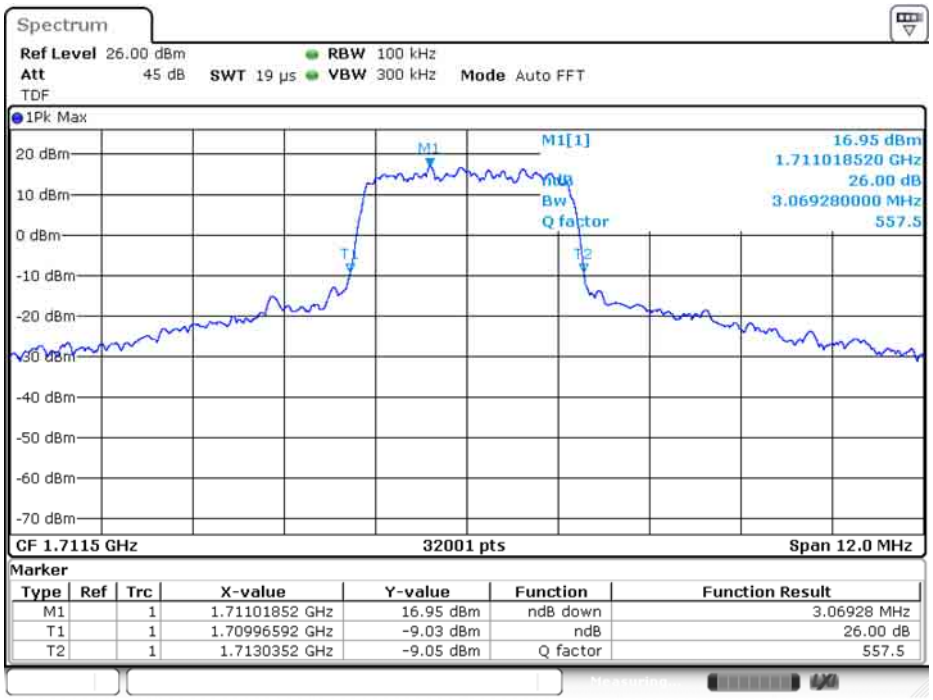
Occupied bandwidth 99%

LTE 4 16QAM BW3MHz Low channel 19965 15RB-0



Emission bandwidth -26dB

LTE 4 16QAM BW3MHz Low channel 19965 15RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71101852 GHz	16.95 dBm	ndB down	3.06928 MHz
T1		1	1.70996592 GHz	-9.03 dBm	ndB	26.00 dB
T2		1	1.7130352 GHz	-9.05 dBm	Q factor	557.5

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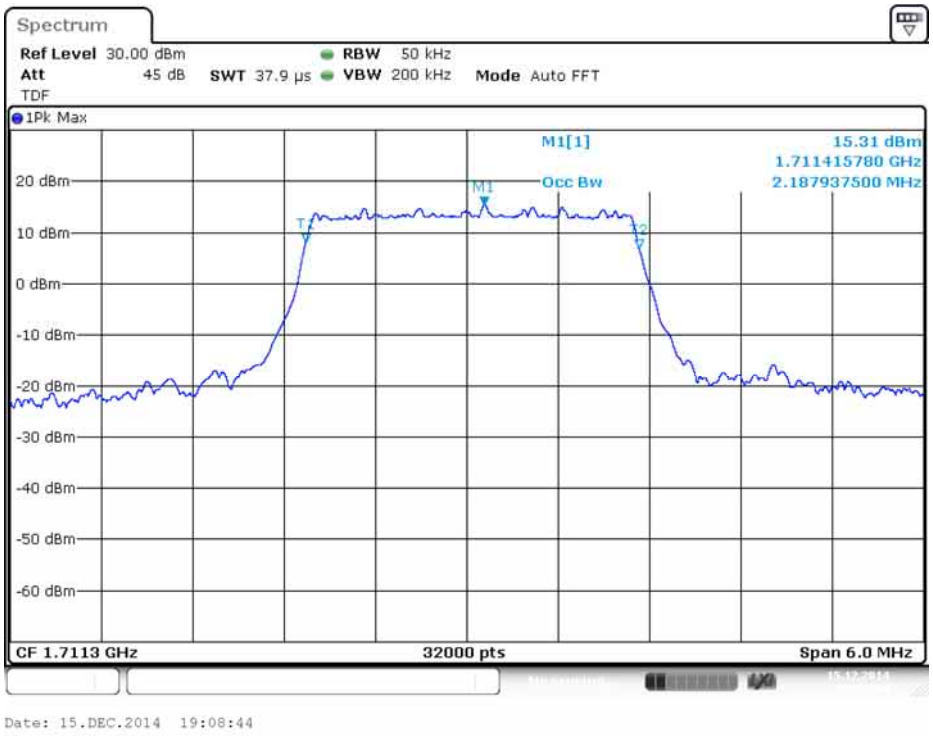
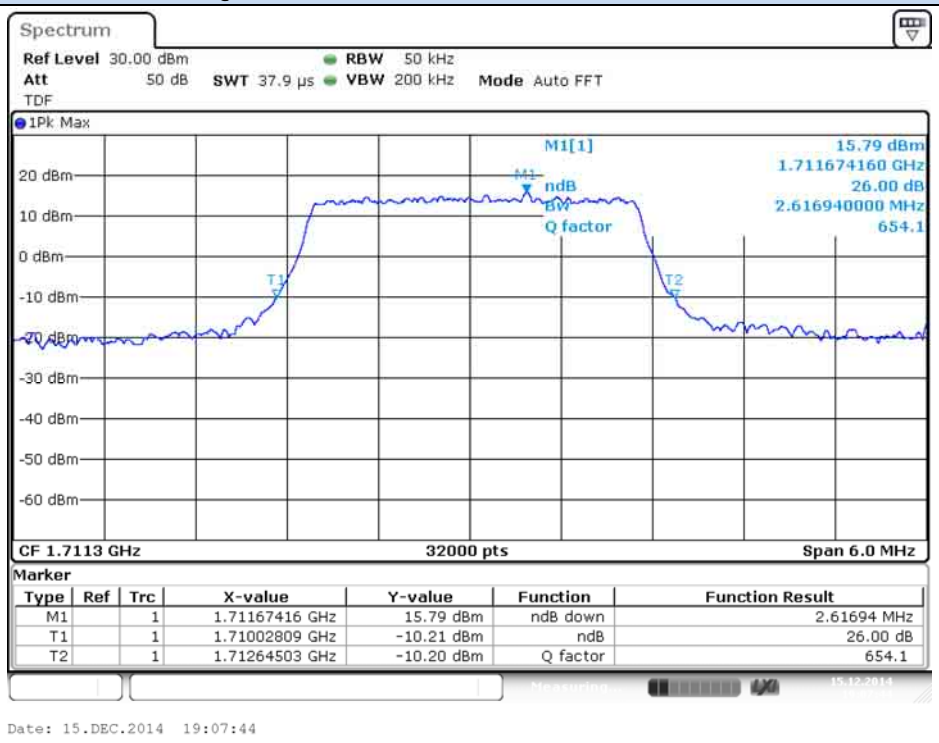
Occupied bandwidth 99%

LTE 4 QPSK BW5MHz Low channel 19975 12RB-0



Emission bandwidth -26dB

LTE 4 QPSK BW5MHz Low channel 19975 12RB-0



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71167416 GHz	15.79 dBm	ndB down	2.61694 MHz
T1		1	1.71002809 GHz	-10.21 dBm	ndB	26.00 dB
T2		1	1.71264503 GHz	-10.20 dBm	Q factor	654.1

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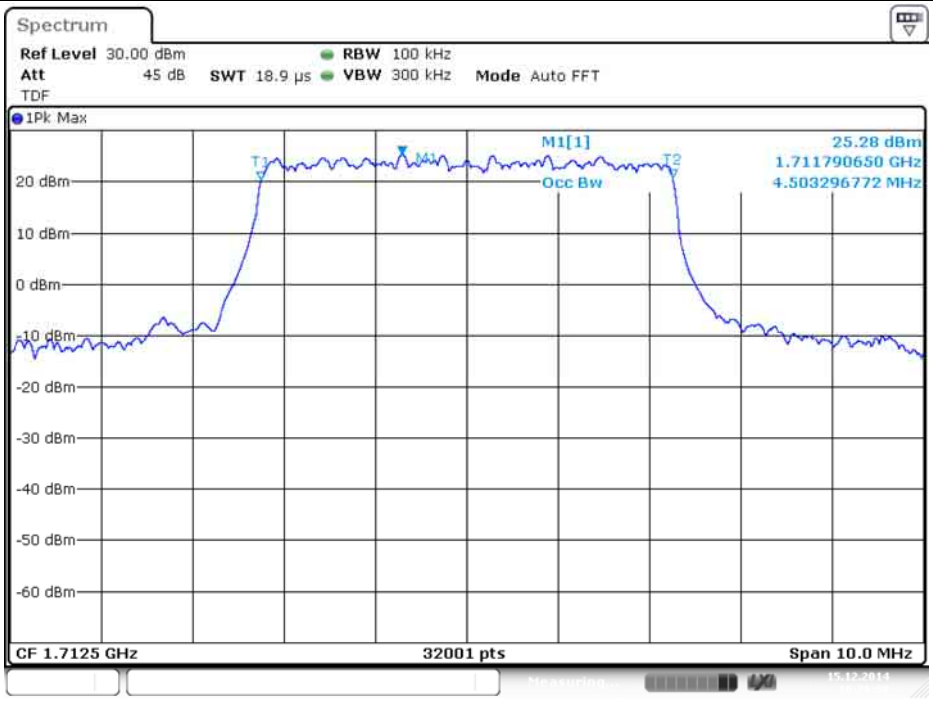
Occupied bandwidth 99%

LTE 4 QPSK BW5MHz Low channel 19975 25RB-0



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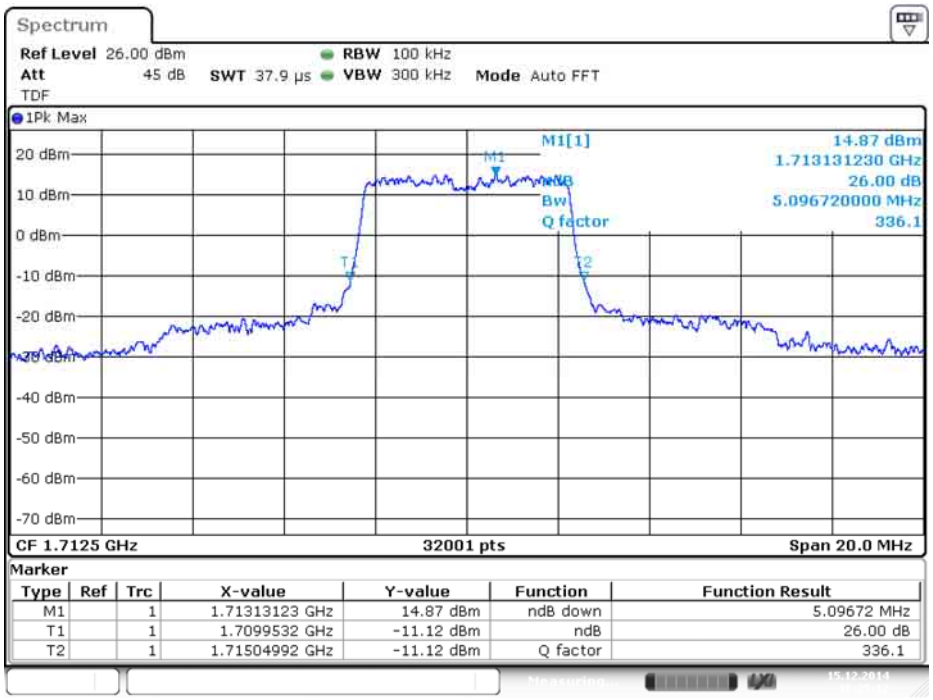
Emission bandwidth -26dB

LTE 4 QPSK BW5MHz Low channel 19975 25RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71313123 GHz	14.87 dBm	ndB down	5.09672 MHz
T1		1	1.7099532 GHz	-11.12 dBm	ndB	26.00 dB
T2		1	1.71504992 GHz	-11.12 dBm	Q factor	336.1

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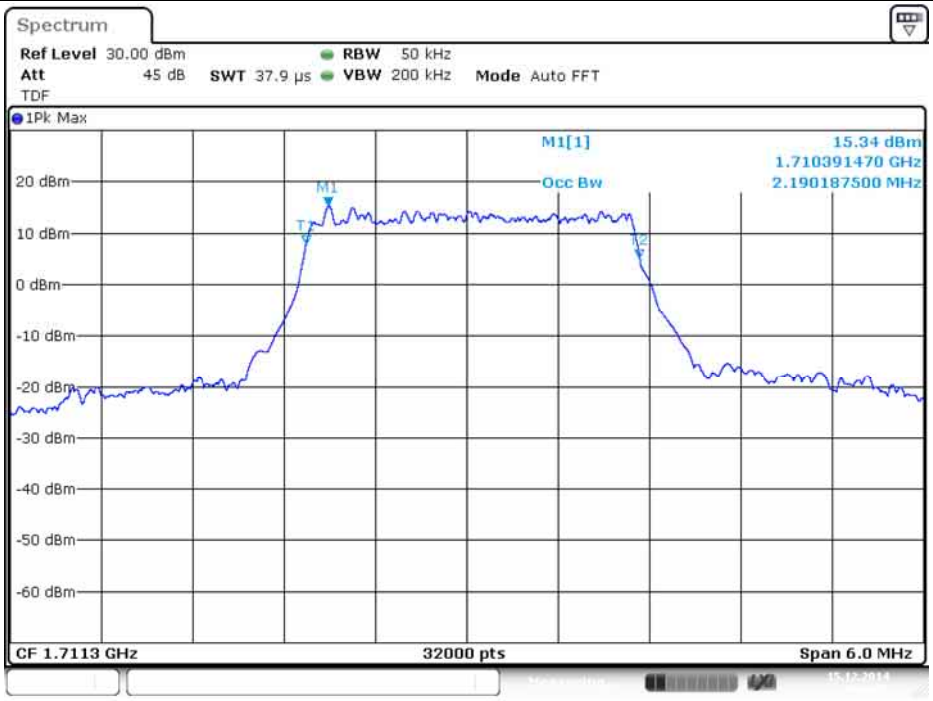
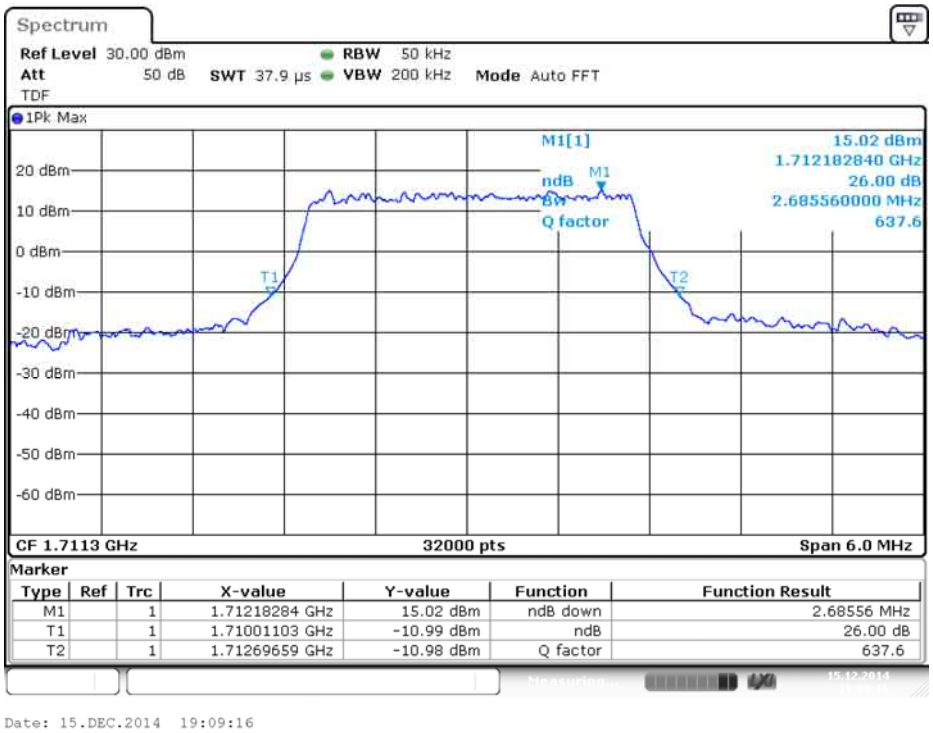
Occupied bandwidth 99%

LTE 4 16QAM BW5MHz Low channel 19975 12RB-0



Emission bandwidth -26dB

LTE 4 16QAM BW5MHz Low channel 19975 12RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71218284 GHz	15.02 dBm	ndB down	2.68556 MHz
T1		1	1.71001103 GHz	-10.99 dBm	ndB	26.00 dB
T2		1	1.71269659 GHz	-10.98 dBm	Q factor	637.6

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Occupied bandwidth 99%

LTE 4 16QAM BW5MHz Low channel 19975 25RB-0

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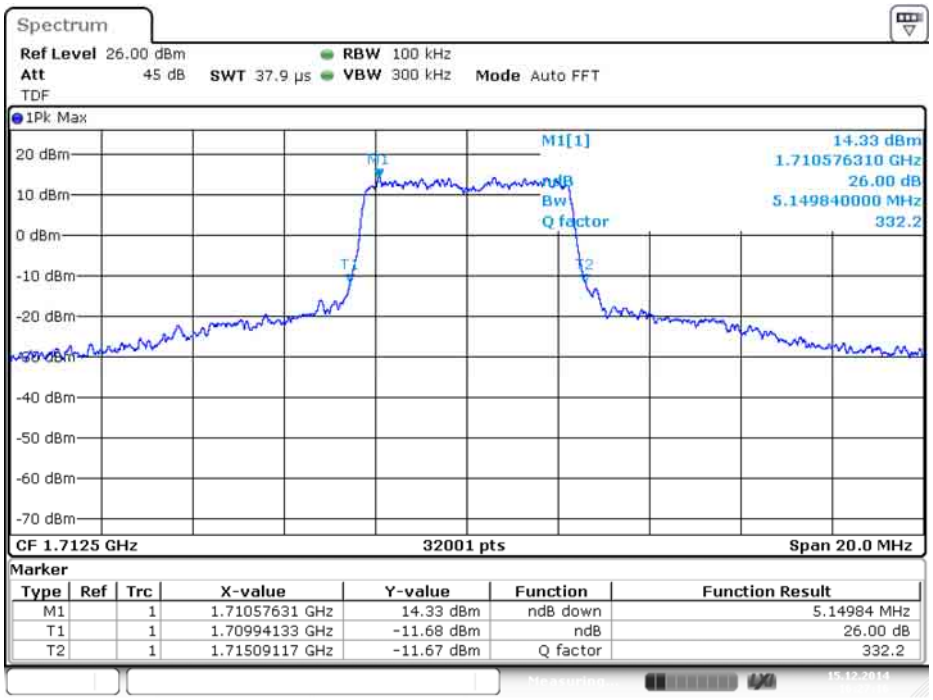
Emission bandwidth -26dB

LTE 4 16QAM BW5MHz Low channel 19975 25RB-0



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71057631 GHz	14.33 dBm	ndB down	5.14984 MHz
T1		1	1.70994133 GHz	-11.68 dBm	ndB	26.00 dB
T2		1	1.71509117 GHz	-11.67 dBm	Q factor	332.2

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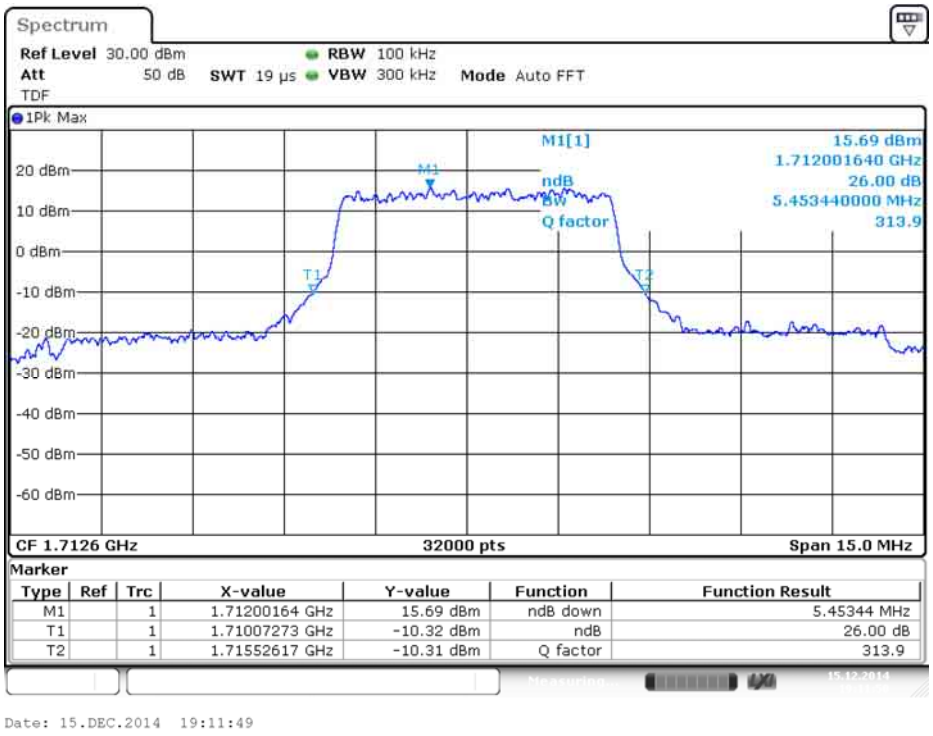
Occupied bandwidth 99%

LTE 4 QPSK BW10MHz Low channel 20000 25RB-0

Emission bandwidth -26dB

LTE 4 QPSK BW10MHz Low channel 20000 25RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71200164 GHz	15.69 dBm	ndB down	5.45344 MHz
T1		1	1.71007273 GHz	-10.32 dBm	ndB	26.00 dB
T2		1	1.71552617 GHz	-10.31 dBm	Q factor	313.9

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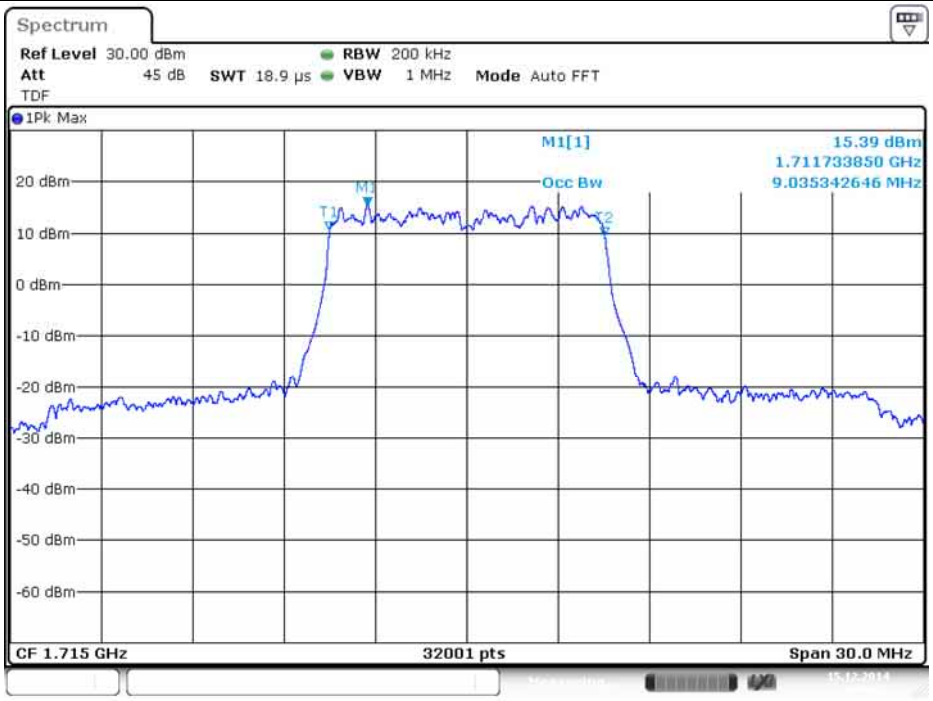
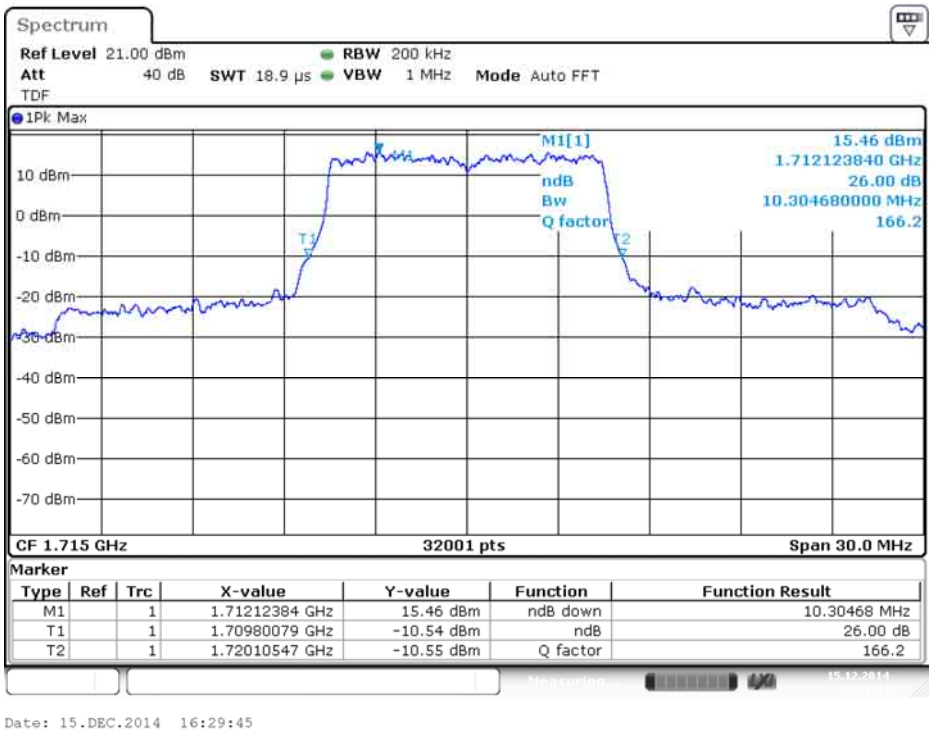
Occupied bandwidth 99%

LTE 4 QPSK BW10MHz Low channel 20000 50RB-0



Emission bandwidth -26dB

LTE 4 QPSK BW10MHz Low channel 20000 50RB-0



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71212384 GHz	15.46 dBm	ndB down	10.30468 MHz
T1		1	1.70980079 GHz	-10.54 dBm	ndB	26.00 dB
T2		1	1.72010547 GHz	-10.55 dBm	Q factor	166.2

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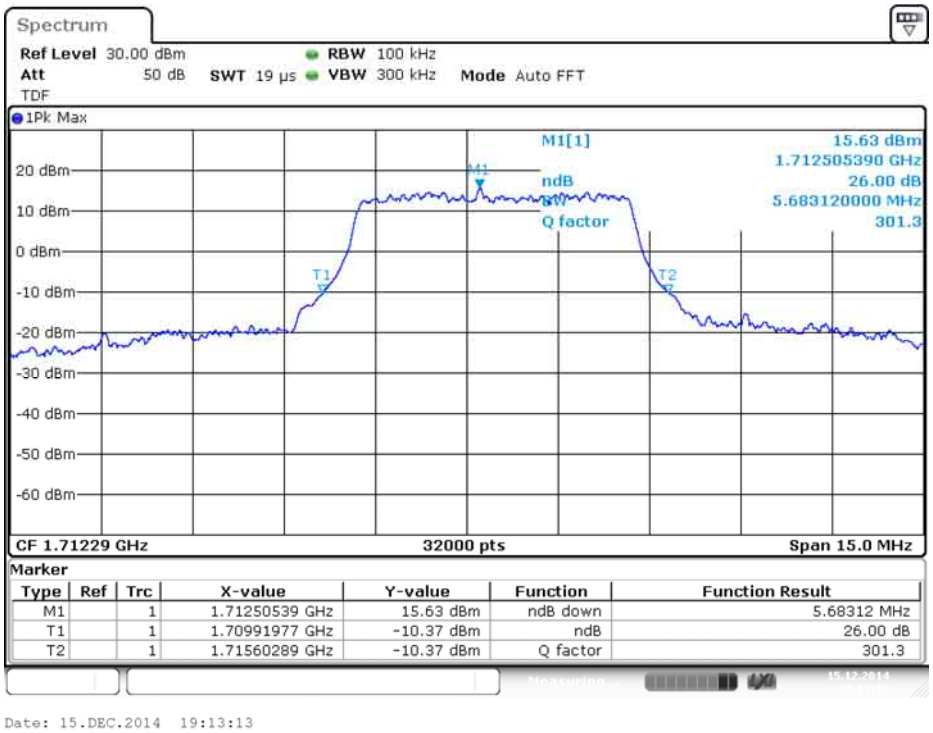
Occupied bandwidth 99%

LTE 4 16QAM BW10MHz Low channel 20000 25RB-0

Emission bandwidth -26dB

LTE 4 16QAM BW10MHz Low channel 20000 25RB-0



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71250539 GHz	15.63 dBm	ndB down	5.68312 MHz
T1		1	1.70991977 GHz	-10.37 dBm	ndB	26.00 dB
T2		1	1.71560289 GHz	-10.37 dBm	Q factor	301.3

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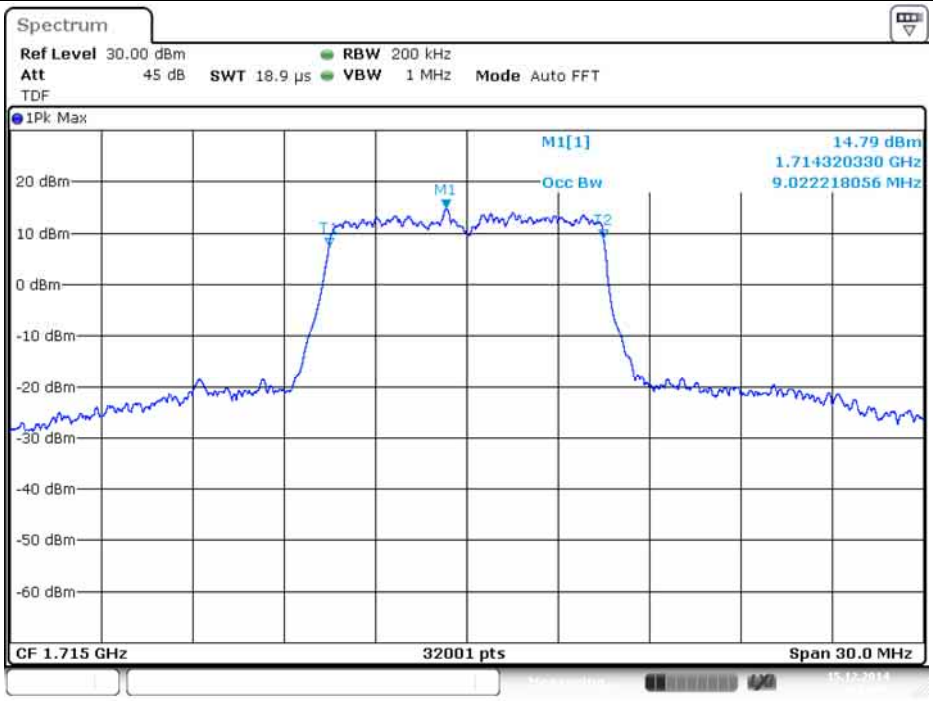
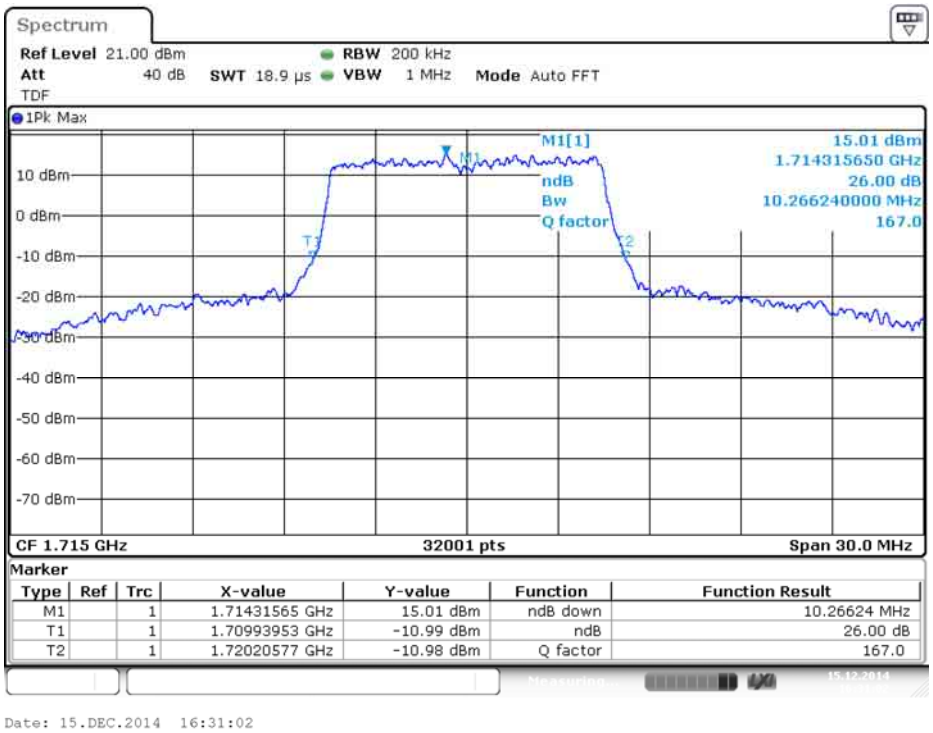
Occupied bandwidth 99%

LTE 4 16QAM BW10MHz Low channel 20000 50RB-0



Emission bandwidth -26dB

LTE 4 16QAM BW10MHz Low channel 20000 50RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71431565 GHz	15.01 dBm	ndB down	10.26624 MHz
T1		1	1.70993953 GHz	-10.99 dBm	ndB	26.00 dB
T2		1	1.72020577 GHz	-10.98 dBm	Q factor	167.0

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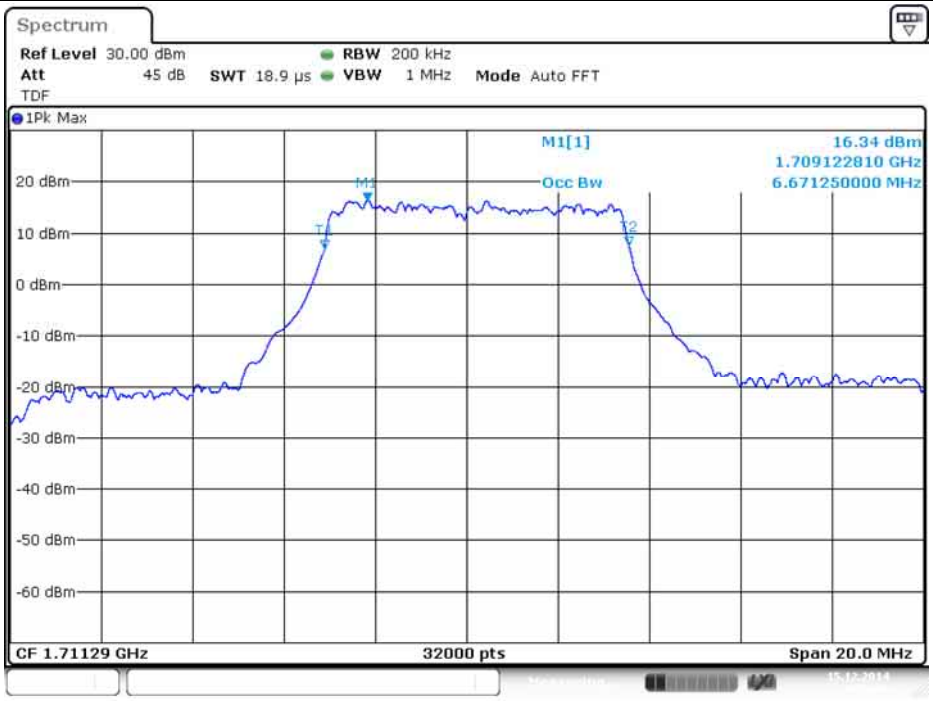
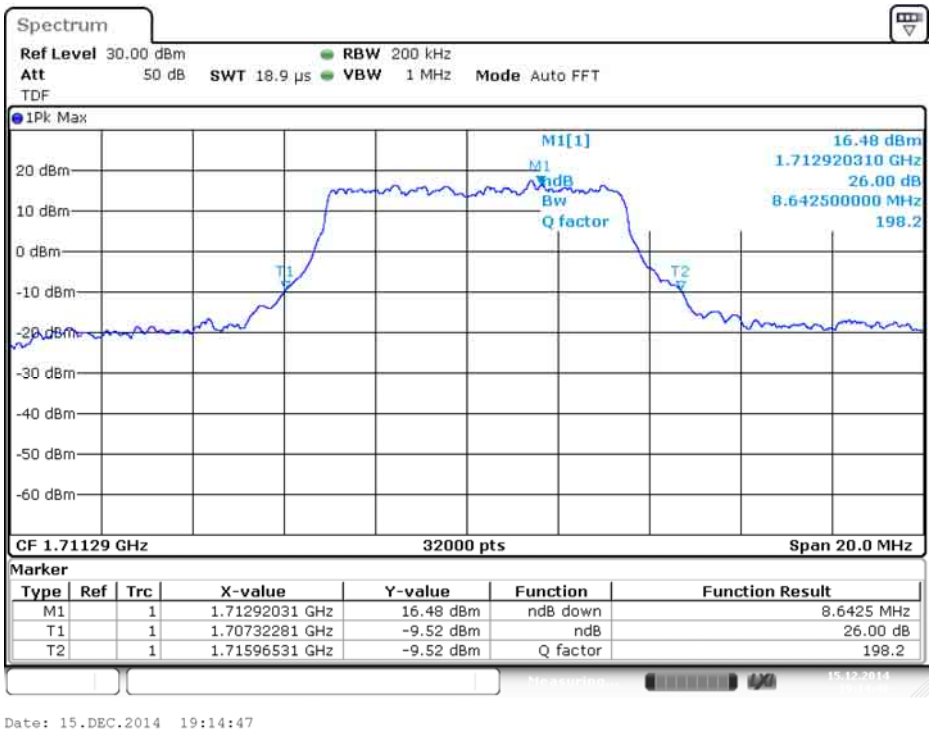
Occupied bandwidth 99%

LTE 4 QPSK BW15MHz Low channel 20025 36RB-0



Emission bandwidth -26dB

LTE 4 QPSK BW15MHz Low channel 20025 36RB-0



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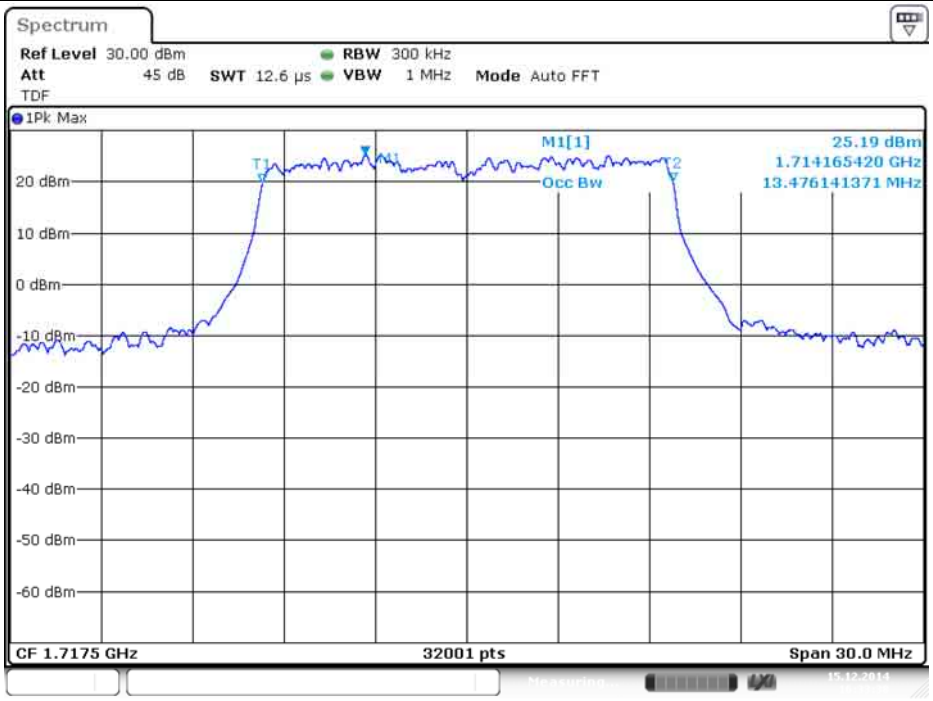
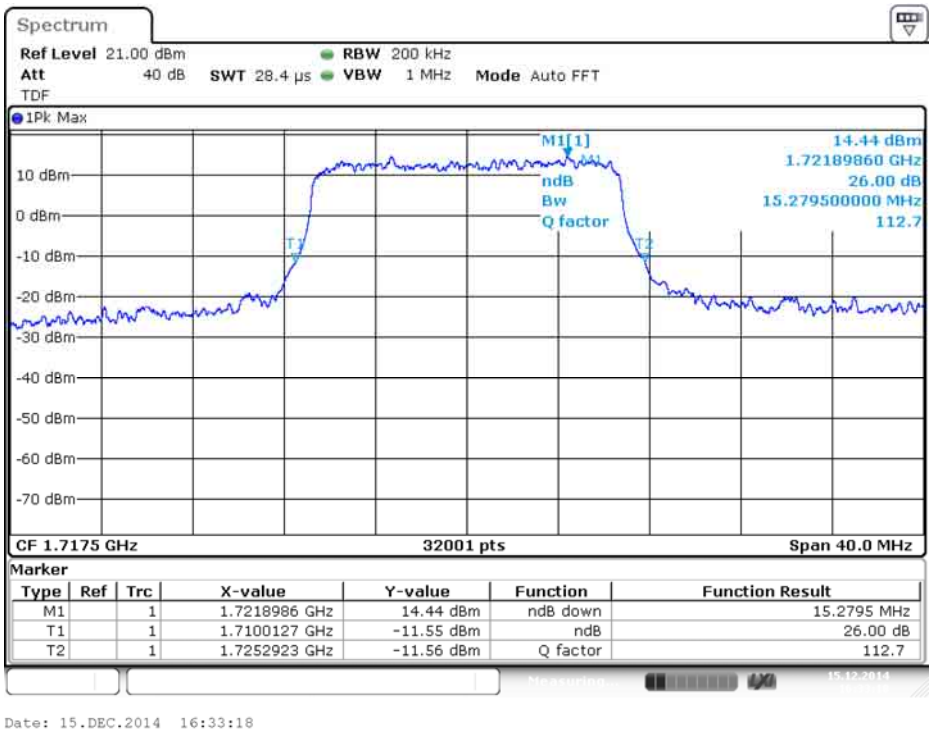
Occupied bandwidth 99%

LTE 4 QPSK BW15MHz Low channel 20025 75RB-0



Emission bandwidth -26dB

LTE 4 QPSK BW15MHz Low channel 20025 75RB-0



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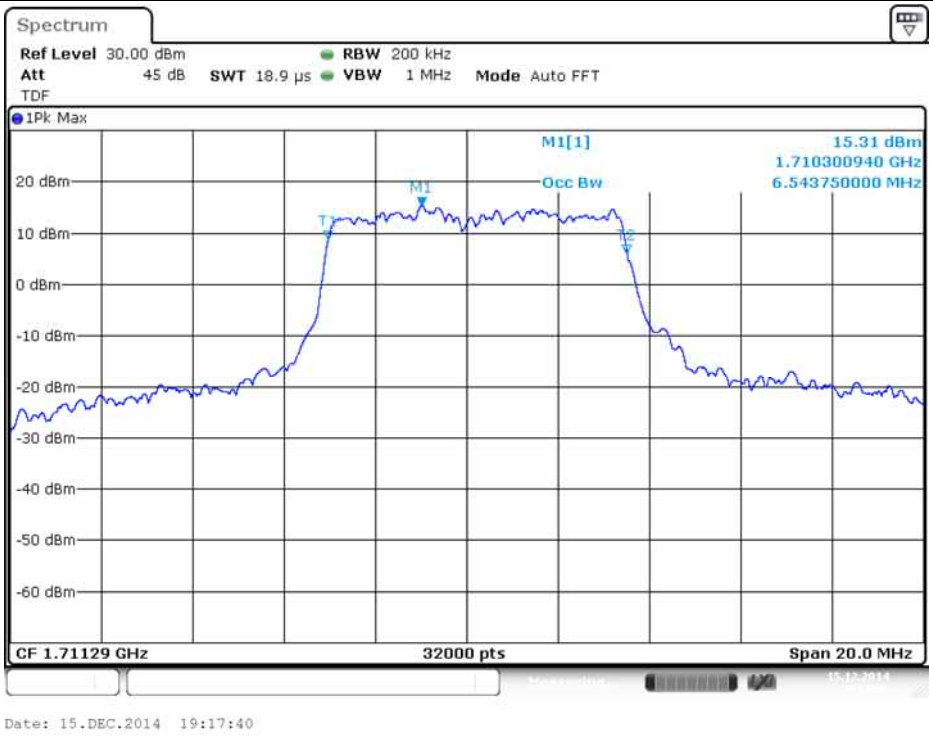
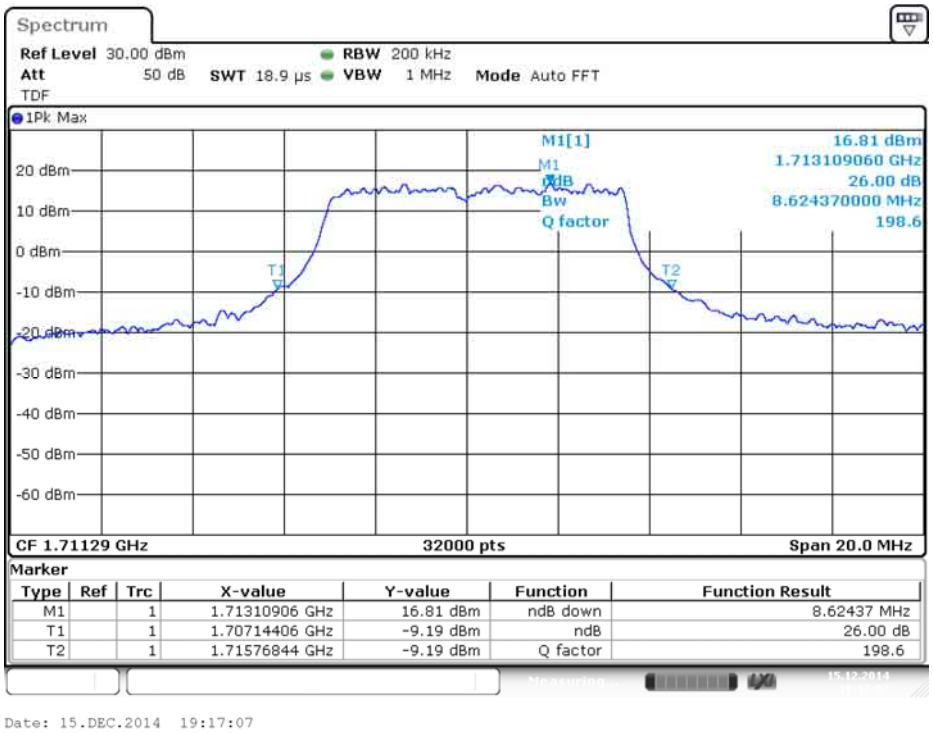
Occupied bandwidth 99%

LTE 4 16QAM BW15MHz Low channel 20025 36RB-0



Emission bandwidth -26dB

LTE 4 16QAM BW15MHz Low channel 20025 36RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71310906 GHz	16.81 dBm	ndB down	8.62437 MHz
T1		1	1.70714406 GHz	-9.19 dBm	ndB	26.00 dB
T2		1	1.71576844 GHz	-9.19 dBm	Q factor	198.6

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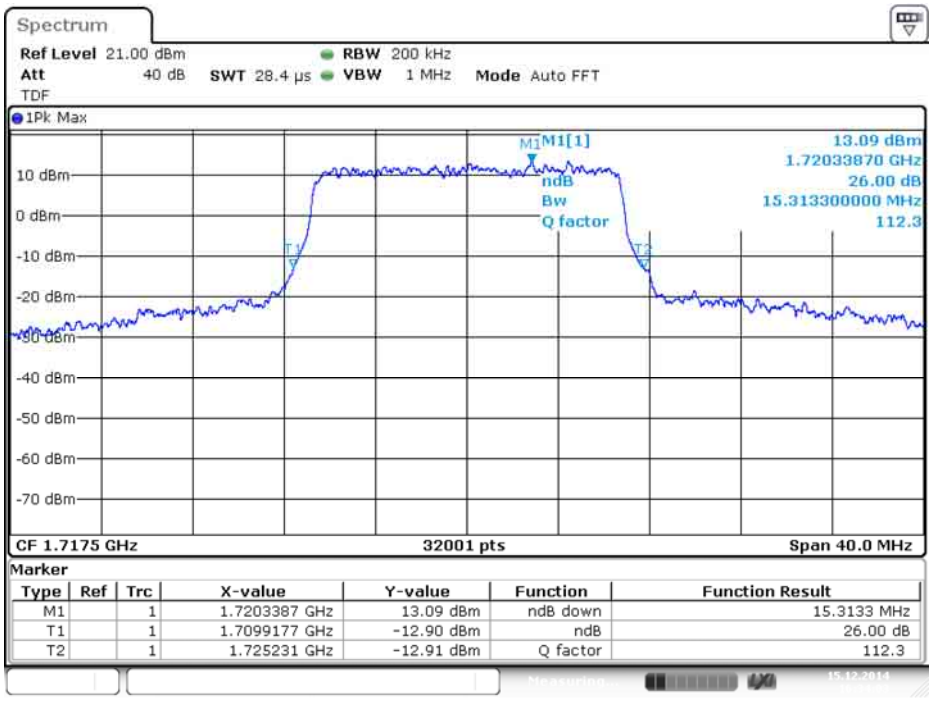
Occupied bandwidth 99%

LTE 4 16QAM BW15MHz Low channel 20025 75RB-0

Emission bandwidth -26dB

LTE 4 16QAM BW15MHz Low channel 20025 75RB-0



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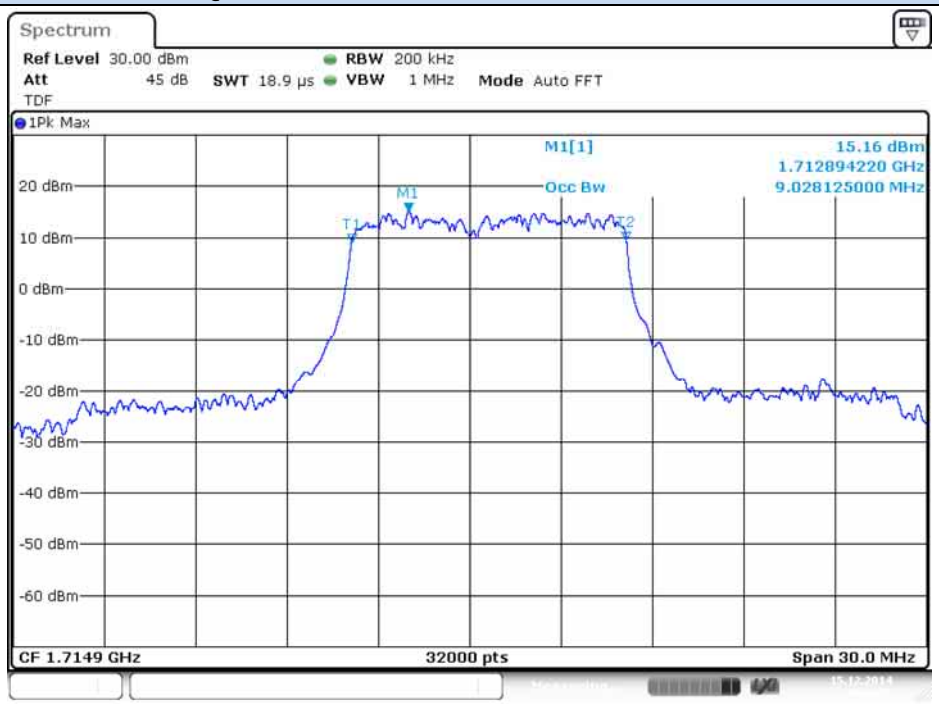
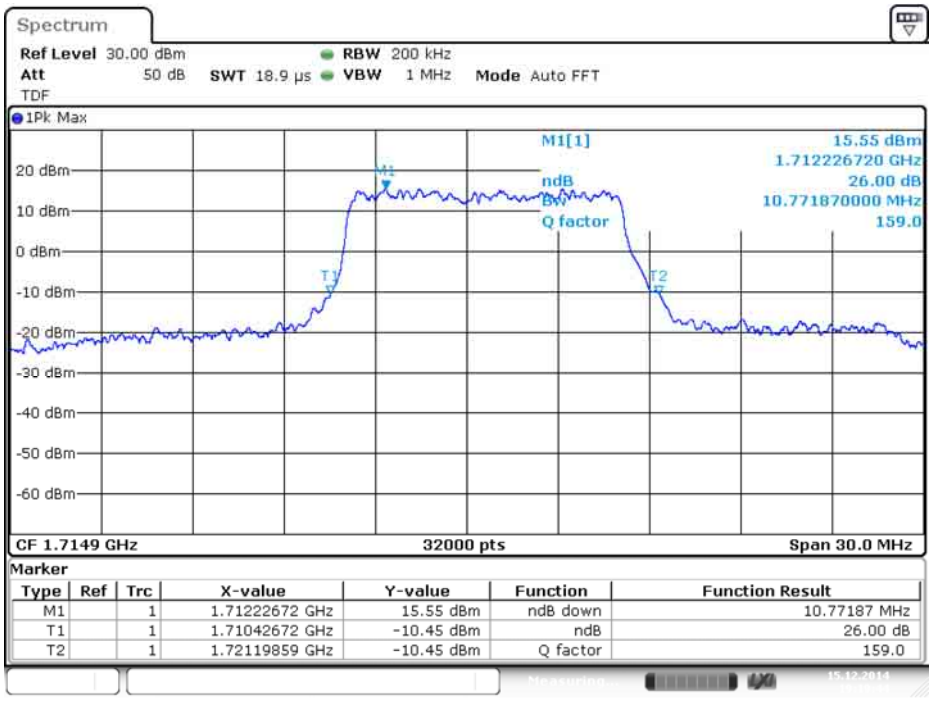
Occupied bandwidth 99%

LTE 4 QPSK BW20MHz Low channel 20050 50RB-0



Emission bandwidth -26dB

LTE 4 QPSK BW20MHz Low channel 20050 50RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71222672 GHz	15.55 dBm	ndB down	10.77187 MHz
T1		1	1.71042672 GHz	-10.45 dBm	ndB	26.00 dB
T2		1	1.72119859 GHz	-10.45 dBm	Q factor	159.0

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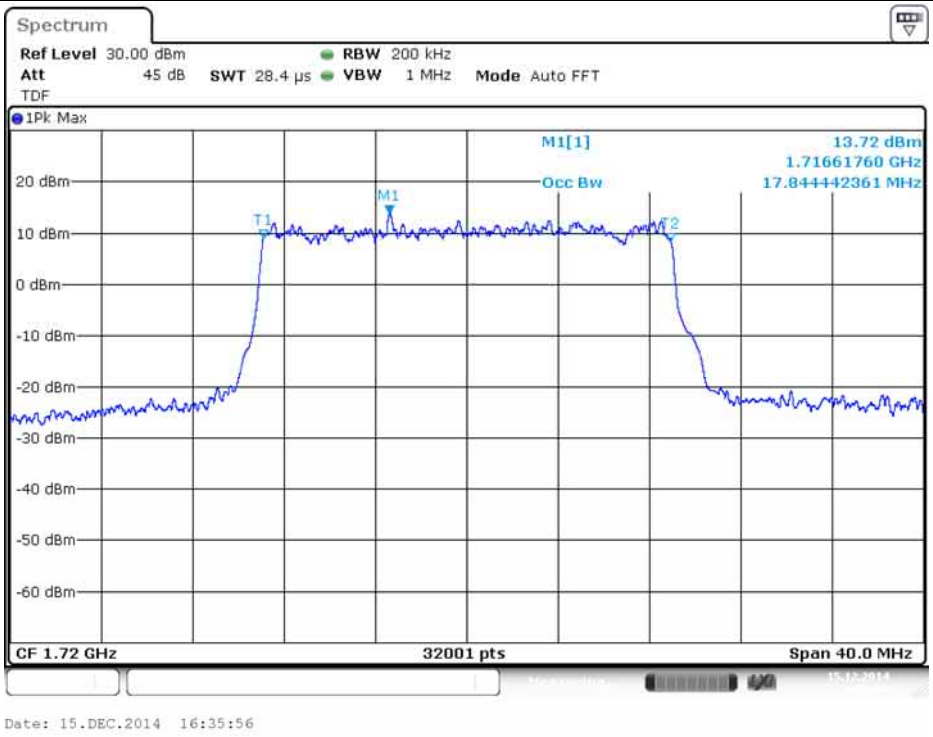
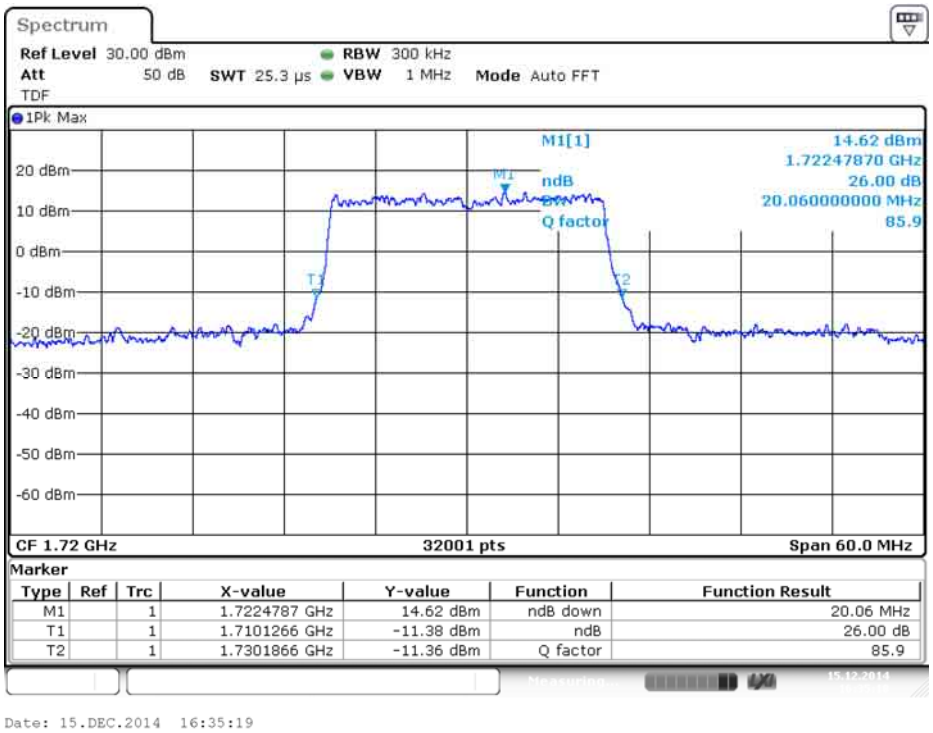
Occupied bandwidth 99%

LTE 4 QPSK BW20MHz Low channel 20050 100RB-0



Emission bandwidth -26dB

LTE 4 QPSK BW20MHz Low channel 20050 100RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7224787 GHz	14.62 dBm	ndB down	20.06 MHz
T1		1	1.7101266 GHz	-11.38 dBm	ndB	26.00 dB
T2		1	1.7301866 GHz	-11.36 dBm	Q factor	85.9

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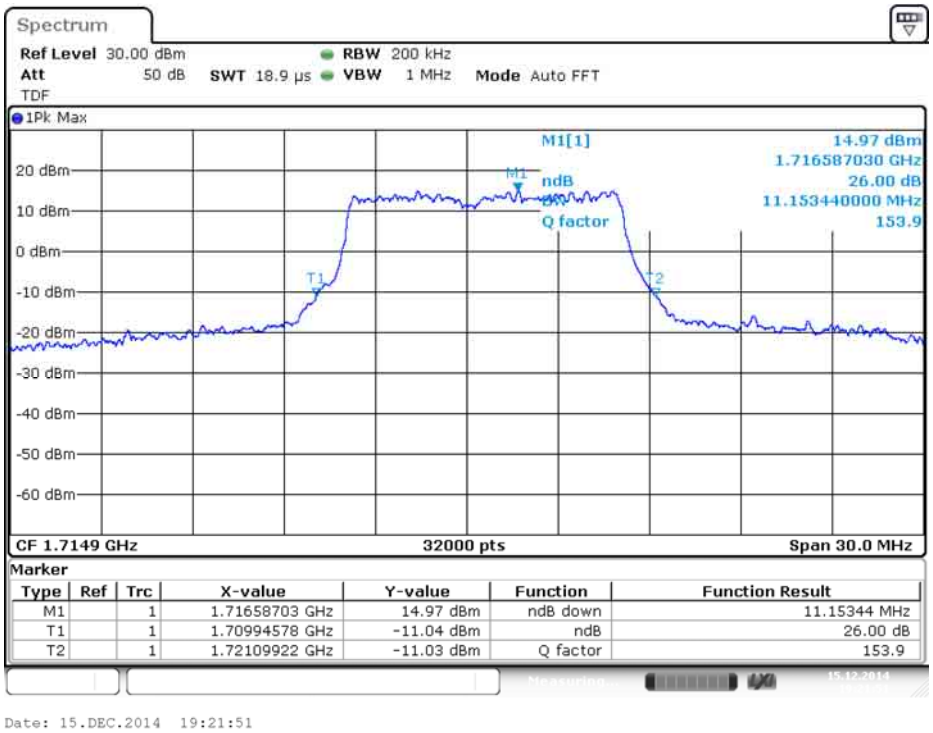
Occupied bandwidth 99%

LTE 4 16QAM BW20MHz Low channel 20050 50RB-0

Emission bandwidth -26dB

LTE 4 16QAM BW20MHz Low channel 20050 50RB-0



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71658703 GHz	14.97 dBm	ndB down	11.15344 MHz
T1		1	1.70994578 GHz	-11.04 dBm	ndB	26.00 dB
T2		1	1.72109922 GHz	-11.03 dBm	Q factor	153.9

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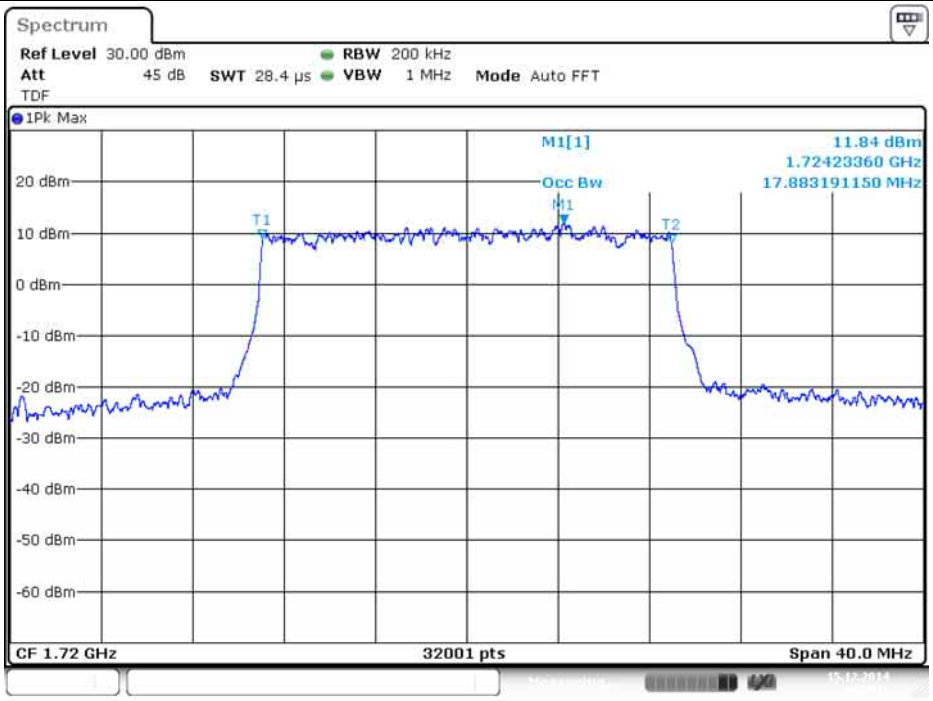
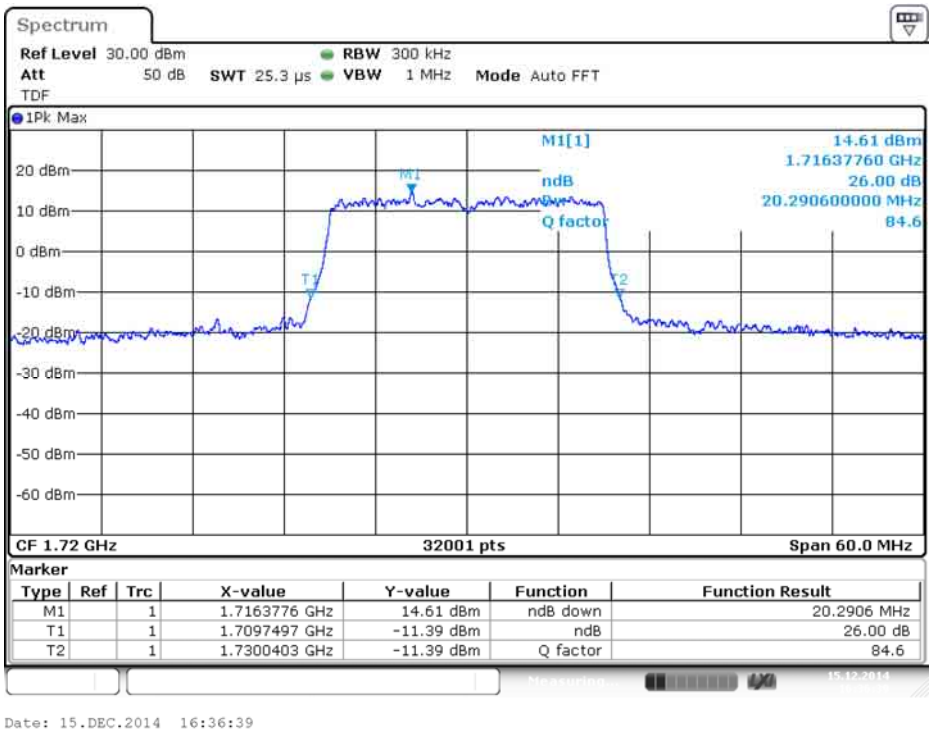
Occupied bandwidth 99%

LTE 4 16QAM BW20MHz Low channel 20050 100RB-0



Emission bandwidth -26dB

LTE 4 16QAM BW20MHz Low channel 20050 100RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7163776 GHz	14.61 dBm	ndB down	20.2906 MHz
T1		1	1.7097497 GHz	-11.39 dBm	ndB	26.00 dB
T2		1	1.7300403 GHz	-11.39 dBm	Q factor	84.6

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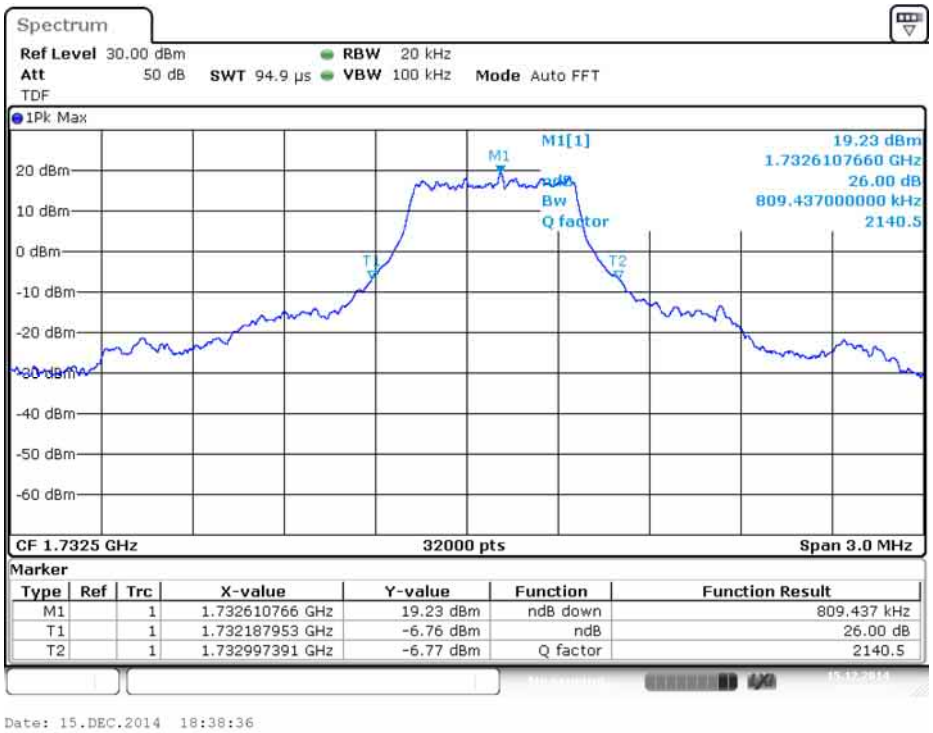
Occupied bandwidth 99%

LTE 4 QPSK BW1.4MHz Mid channel 20175 3RB-2

Emission bandwidth -26dB

LTE 4 QPSK BW1.4MHz Mid channel 20175 3RB-2



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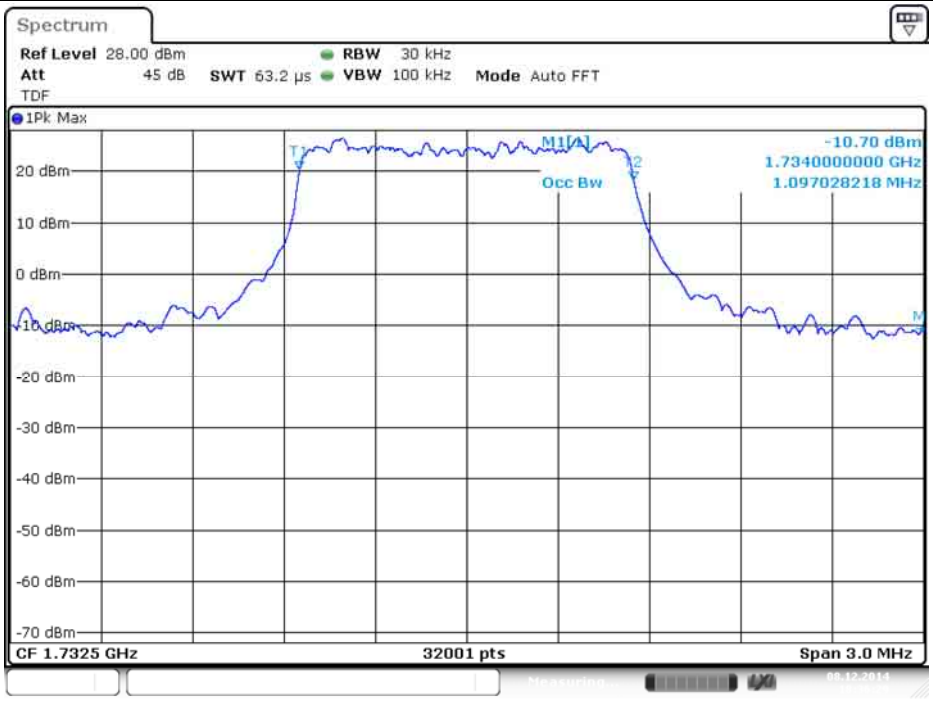
Occupied bandwidth 99%

LTE 4 QPSK BW1.4MHz Mid channel 20175 6RB-0



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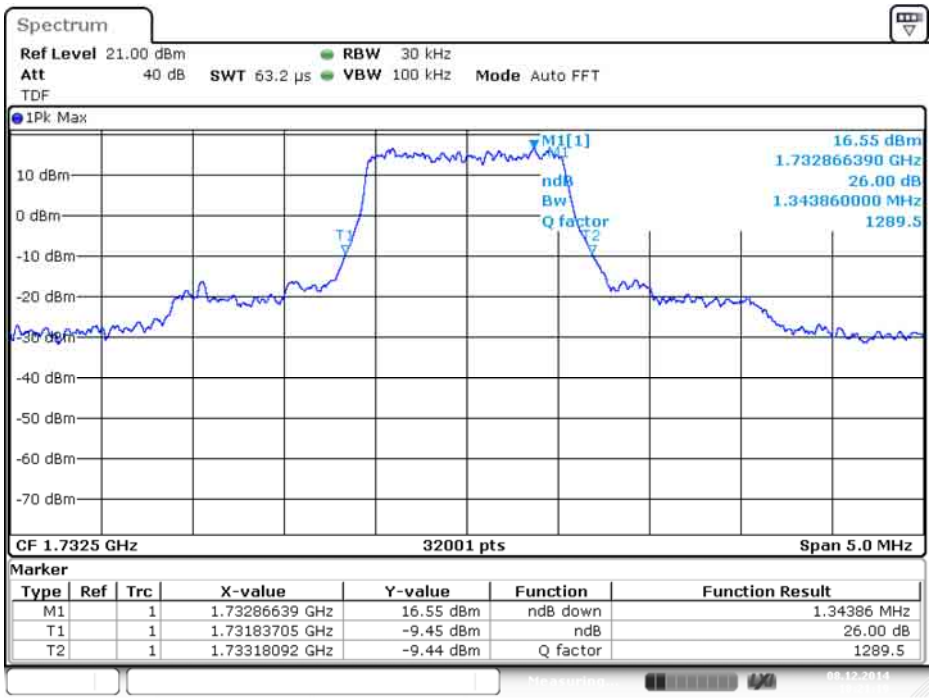
Emission bandwidth -26dB

LTE 4 QPSK BW1.4MHz Mid channel 20175 6RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73286639 GHz	16.55 dBm	ndB down	1.34386 MHz
T1		1	1.73183705 GHz	-9.45 dBm	ndB	26.00 dB
T2		1	1.73318092 GHz	-9.44 dBm	Q factor	1289.5

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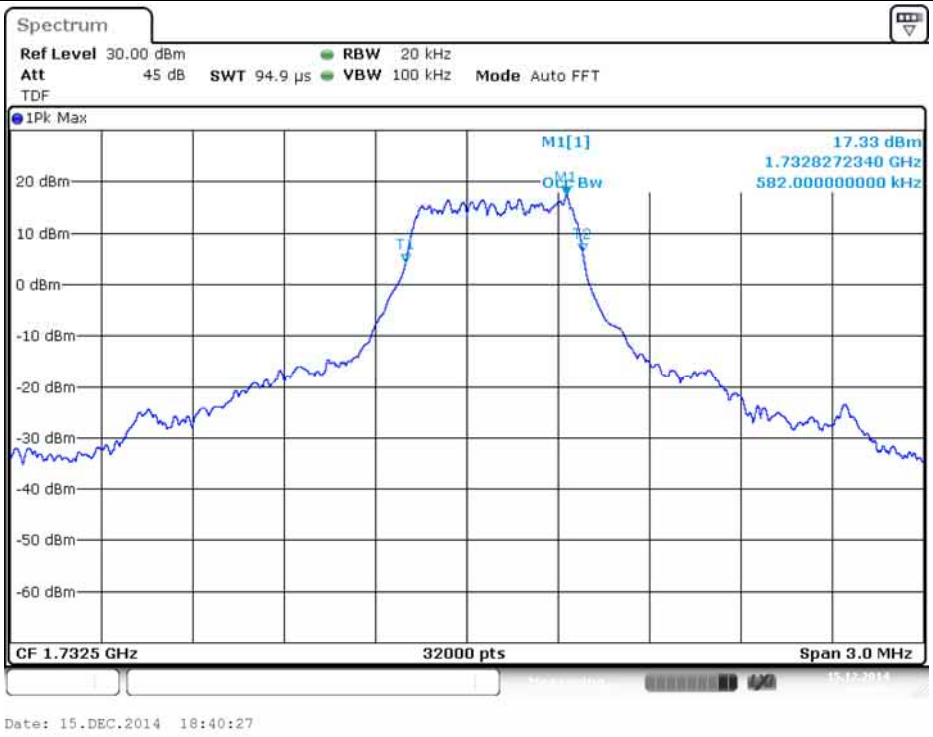
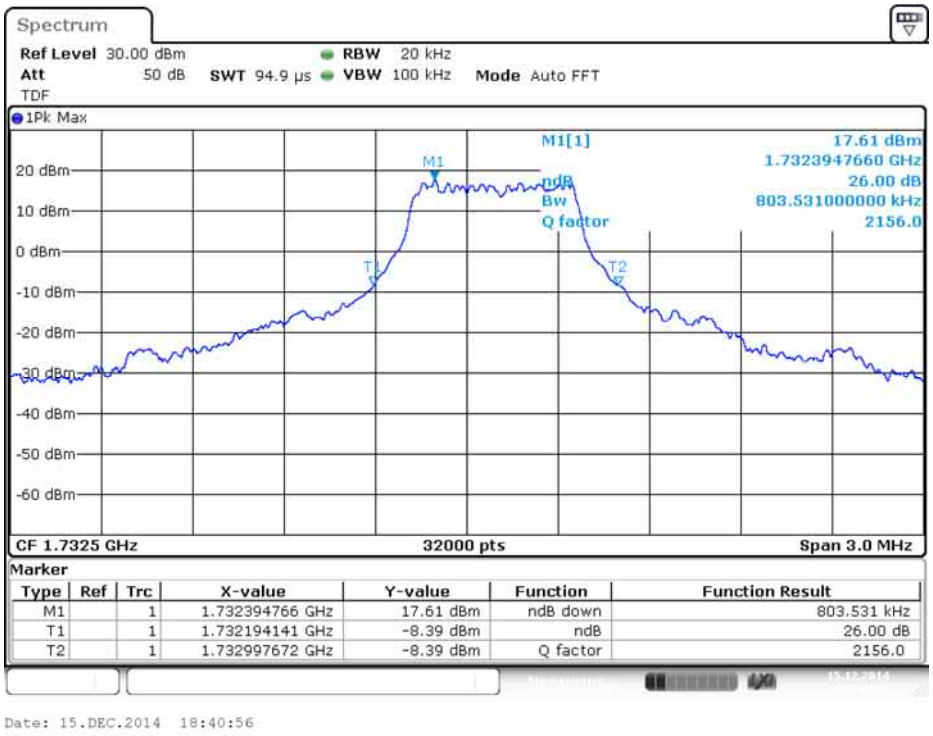
Occupied bandwidth 99%

LTE 4 16QAM BW1.4MHz Mid channel 20175 3RB-2



Emission bandwidth -26dB

LTE 4 16QAM BW1.4MHz Mid channel 20175 3RB-2



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.732394766 GHz	17.61 dBm	ndB down	803.531 kHz
T1		1	1.732194141 GHz	-8.39 dBm	ndB	26.00 dB
T2		1	1.732997672 GHz	-8.39 dBm	Q factor	2156.0

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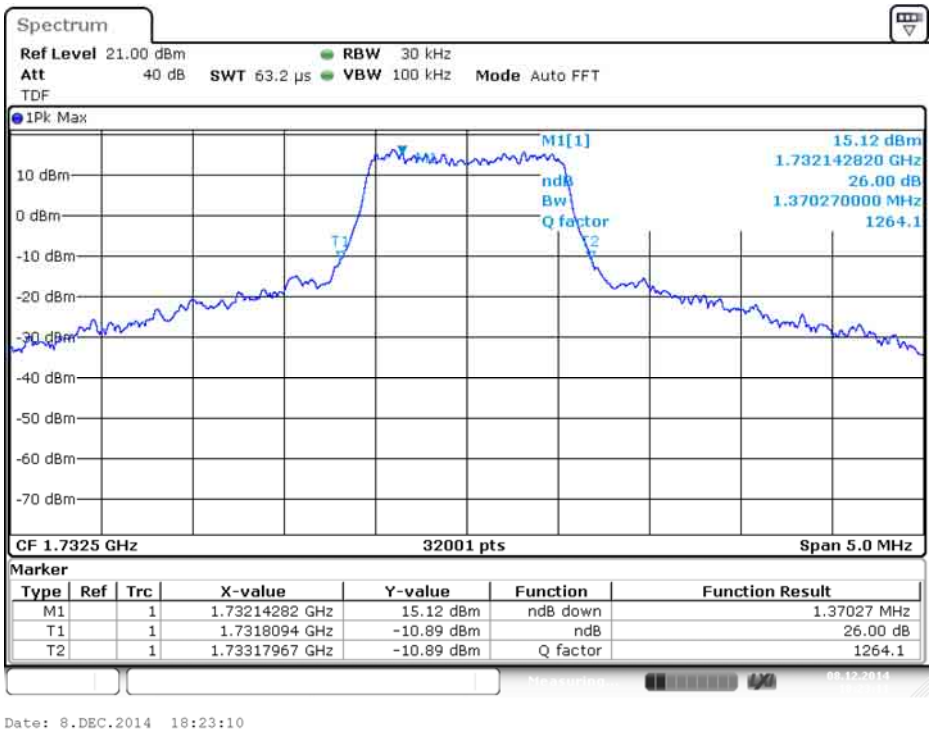
Occupied bandwidth 99%

LTE 4 16QAM BW1.4MHz Mid channel 20175 6RB-0

Emission bandwidth -26dB

LTE 4 16QAM BW1.4MHz Mid channel 20175 6RB-0



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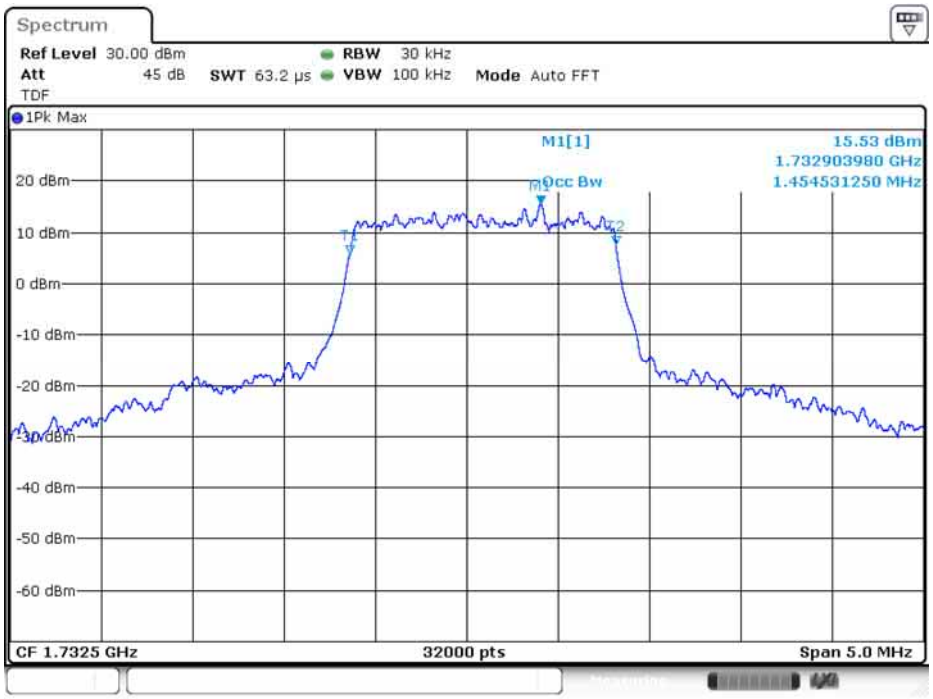
Occupied bandwidth 99%

LTE 4 QPSK BW3MHz Mid channel 20175 8RB-4



Emission bandwidth -26dB

LTE 4 QPSK BW3MHz Mid channel 20175 8RB-4

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73281727 GHz	14.65 dBm	ndB down	1.72484 MHz
T1		1	1.73172617 GHz	-11.36 dBm	ndB	26.00 dB
T2		1	1.73345102 GHz	-11.36 dBm	Q factor	1004.6

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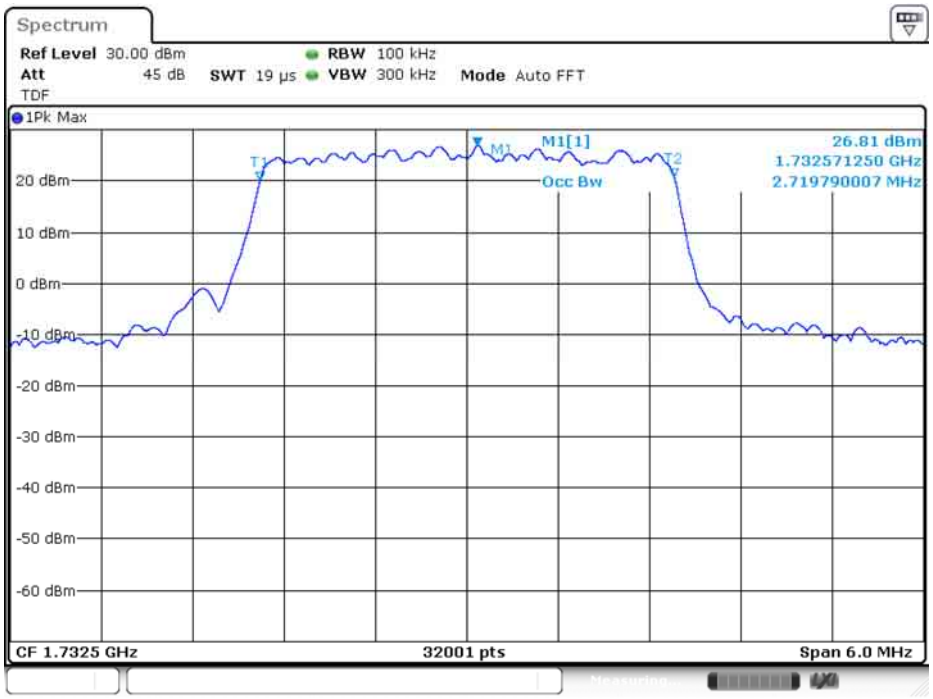
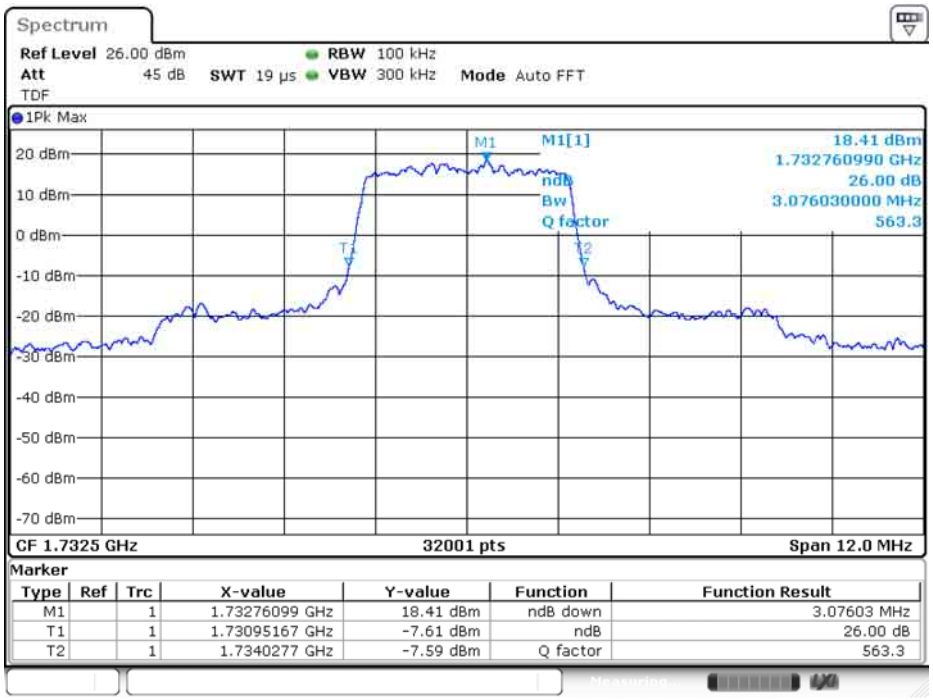
Occupied bandwidth 99%

LTE 4 QPSK BW3MHz Mid channel 20175 15RB-0



Emission bandwidth -26dB

LTE 4 QPSK BW3MHz Mid channel 20175 15RB-0



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73276099 GHz	18.41 dBm	ndB down	3.07603 MHz
T1		1	1.73095167 GHz	-7.61 dBm	ndB	26.00 dB
T2		1	1.7340277 GHz	-7.59 dBm	Q factor	563.3

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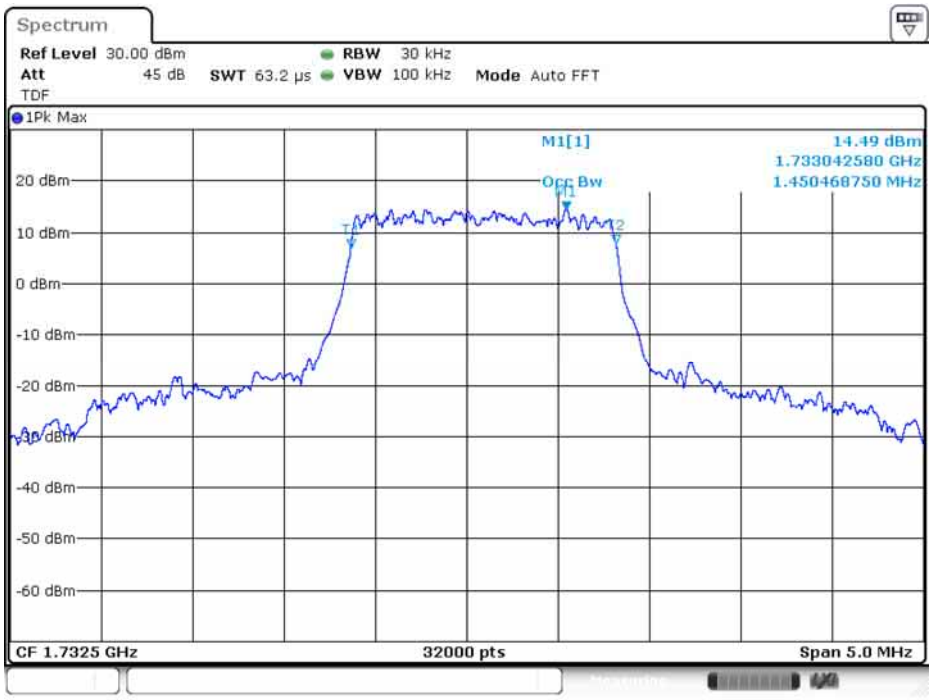
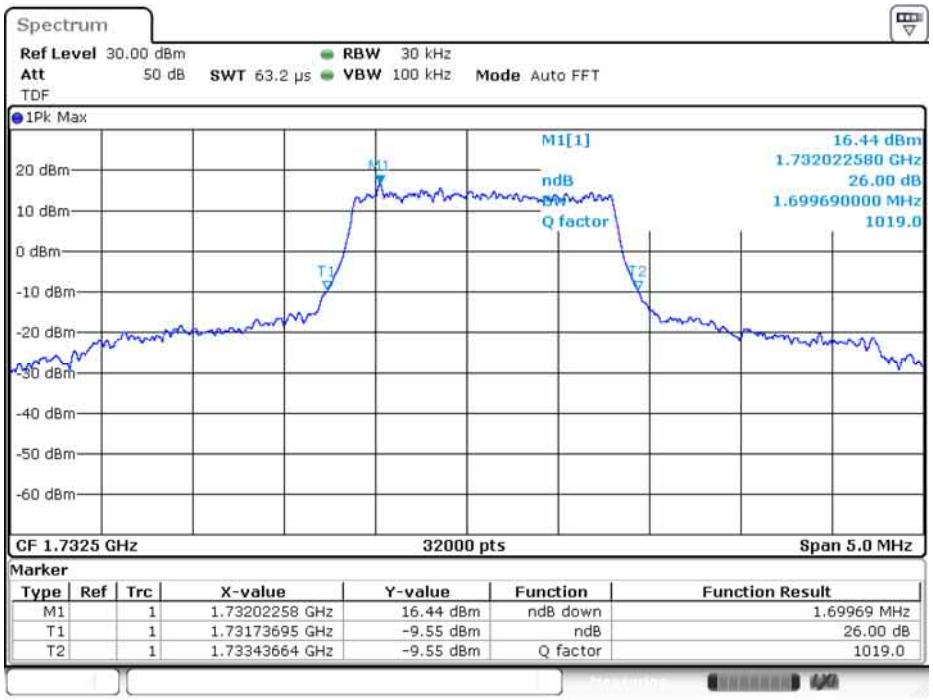
Occupied bandwidth 99%

LTE 4 16QAM BW3MHz Mid channel 20175 8RB-4



Emission bandwidth -26dB

LTE 4 16QAM BW3MHz Mid channel 20175 8RB-4



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73202258 GHz	16.44 dBm	ndB down	1.69969 MHz
T1		1	1.73173695 GHz	-9.55 dBm	ndB	26.00 dB
T2		1	1.73343664 GHz	-9.55 dBm	Q factor	1019.0

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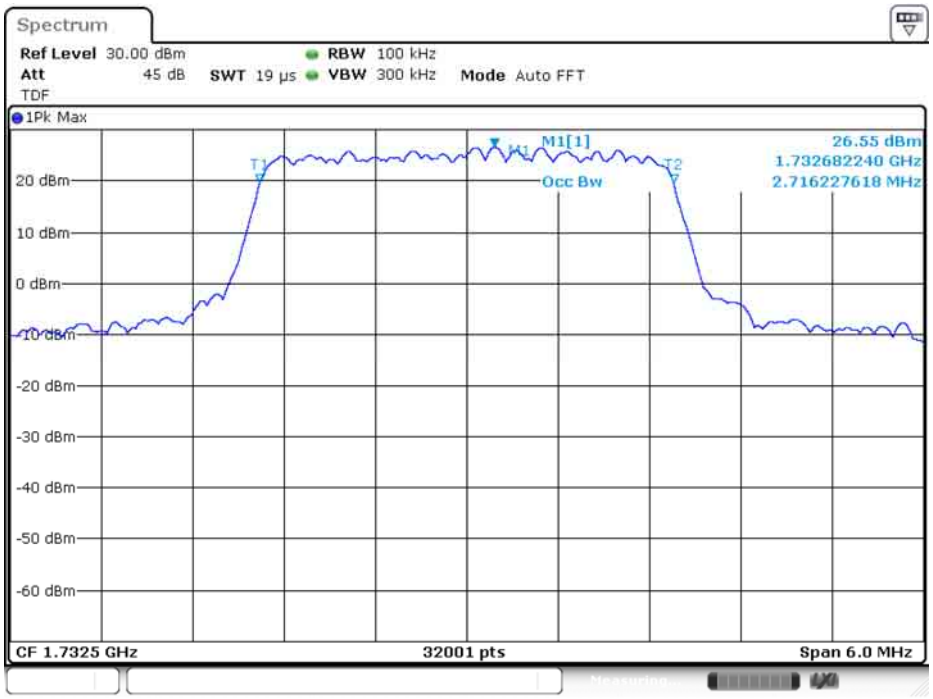
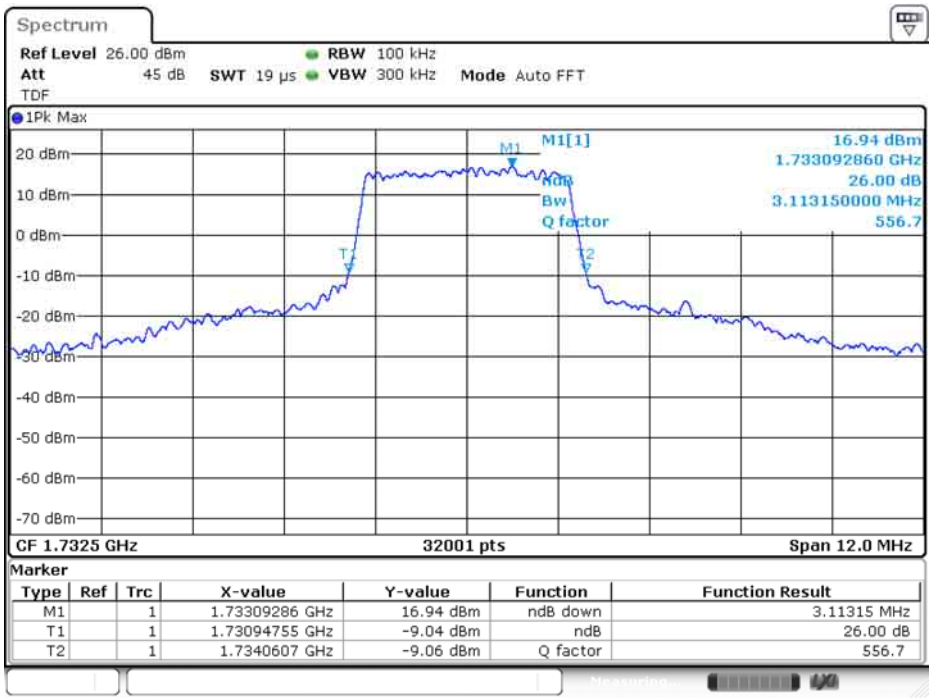
Occupied bandwidth 99%

LTE 4 16QAM BW3MHz Mid channel 20175 15RB-0



Emission bandwidth -26dB

LTE 4 16QAM BW3MHz Mid channel 20175 15RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73309286 GHz	16.94 dBm	ndB down	3.11315 MHz
T1		1	1.73094755 GHz	-9.04 dBm	ndB	26.00 dB
T2		1	1.7340607 GHz	-9.06 dBm	Q factor	556.7

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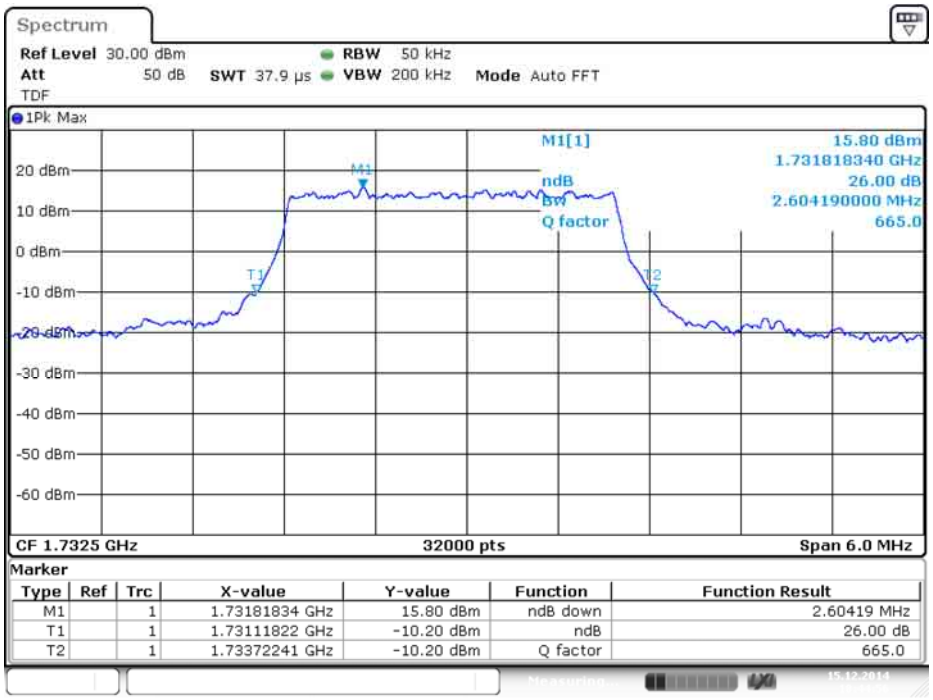
Occupied bandwidth 99%

LTE 4 QPSK BW5MHz Mid channel 20175 12RB-6

Date: 15.DEC.2014 18:45:40

Emission bandwidth -26dB

LTE 4 QPSK BW5MHz Mid channel 20175 12RB-6



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73181834 GHz	15.80 dBm	ndB down	2.60419 MHz
T1		1	1.73111822 GHz	-10.20 dBm	ndB	26.00 dB
T2		1	1.73372241 GHz	-10.20 dBm	Q factor	665.0

Date: 15.DEC.2014 18:44:56

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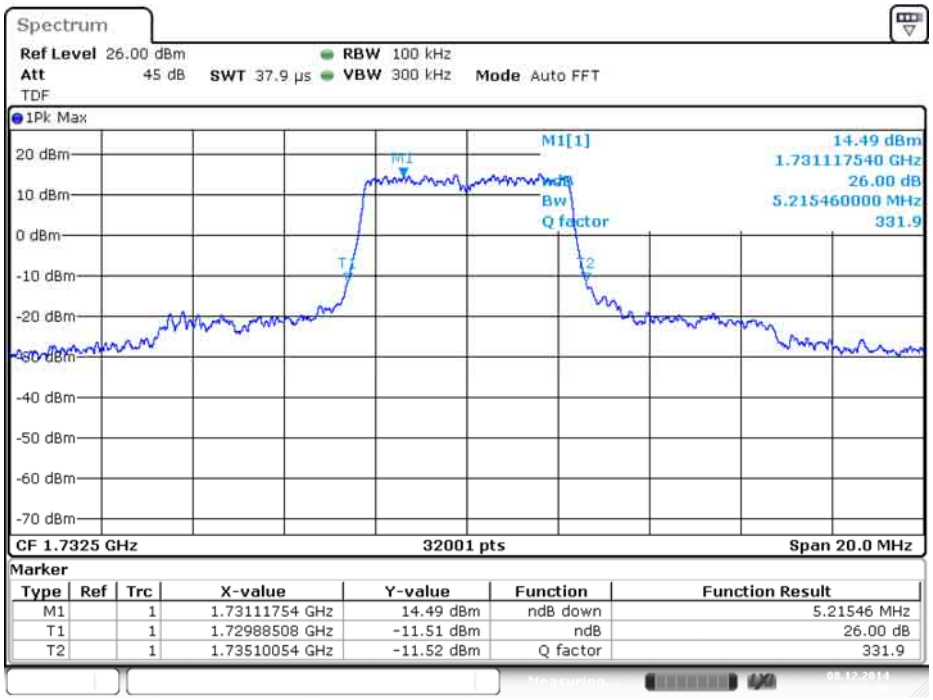
Occupied bandwidth 99%

LTE 4 QPSK BW5MHz Mid channel 20175 25RB-0

Date: 8.DEC.2014 18:43:10

Emission bandwidth -26dB

LTE 4 QPSK BW5MHz Mid channel 20175 25RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73111754 GHz	14.49 dBm	ndB down	5.21546 MHz
T1		1	1.72988508 GHz	-11.51 dBm	ndB	26.00 dB
T2		1	1.73510054 GHz	-11.52 dBm	Q factor	331.9

Date: 8.DEC.2014 18:25:49

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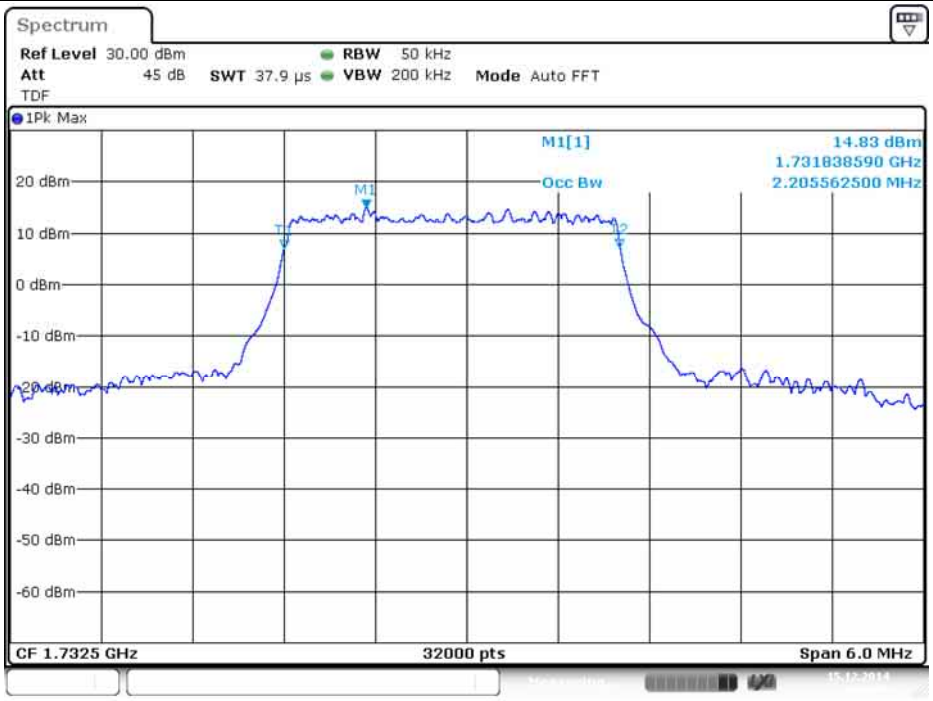
Occupied bandwidth 99%

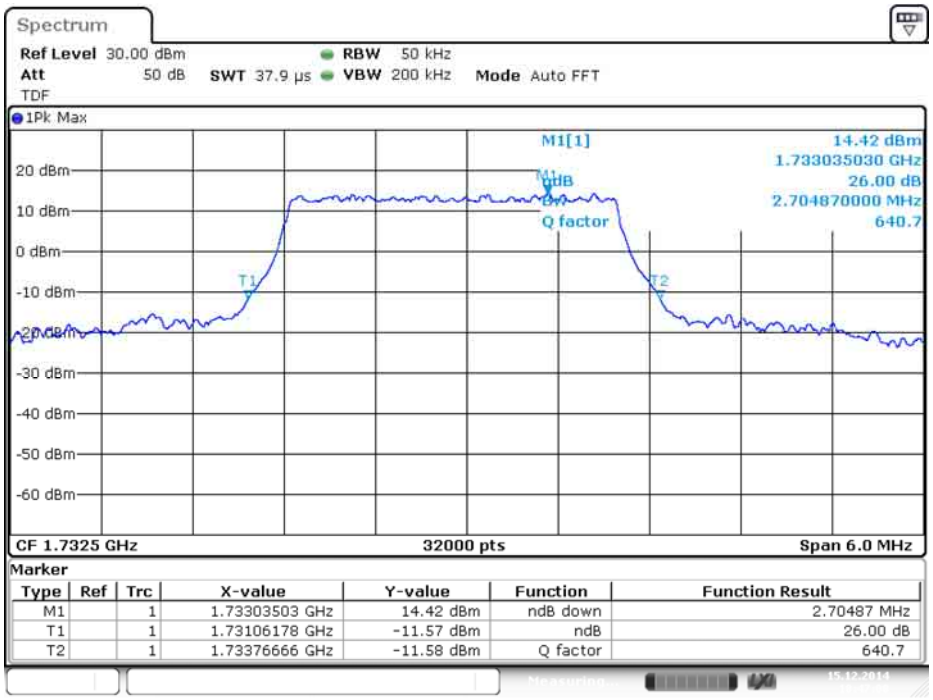
LTE 4 16QAM BW5MHz Mid channel 20175 12RB-6



Date: 15.DEC.2014 18:46:28

Emission bandwidth -26dB

LTE 4 16QAM BW5MHz Mid channel 20175 12RB-6



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73303503 GHz	14.42 dBm	ndB down	2.70487 MHz
T1		1	1.73106178 GHz	-11.57 dBm	ndB	26.00 dB
T2		1	1.73376666 GHz	-11.58 dBm	Q factor	640.7

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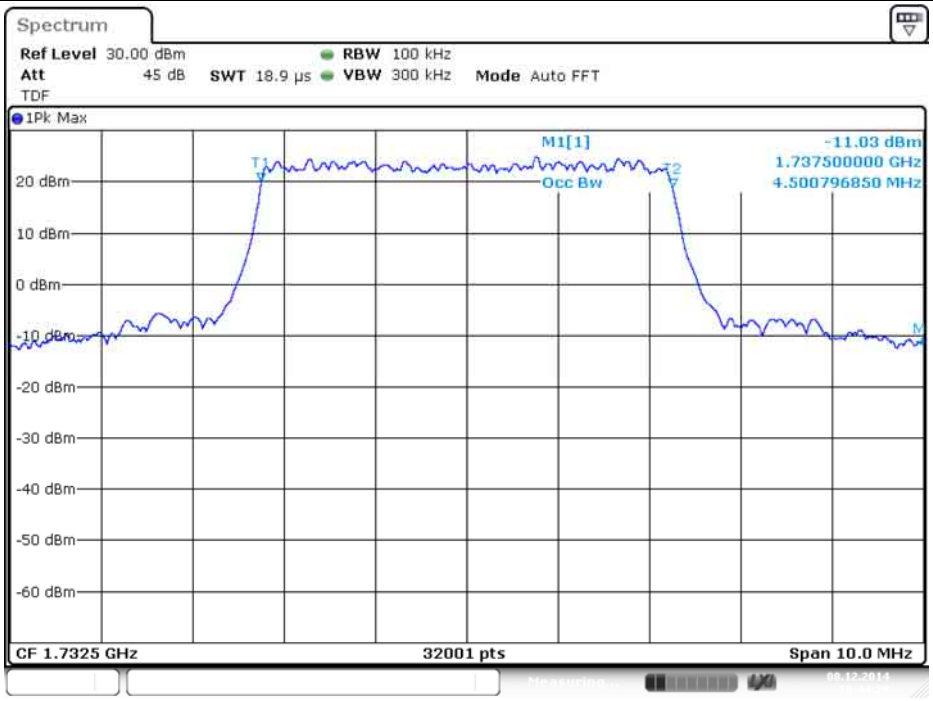
Occupied bandwidth 99%

LTE 4 16QAM BW5MHz Mid channel 20175 25RB-0



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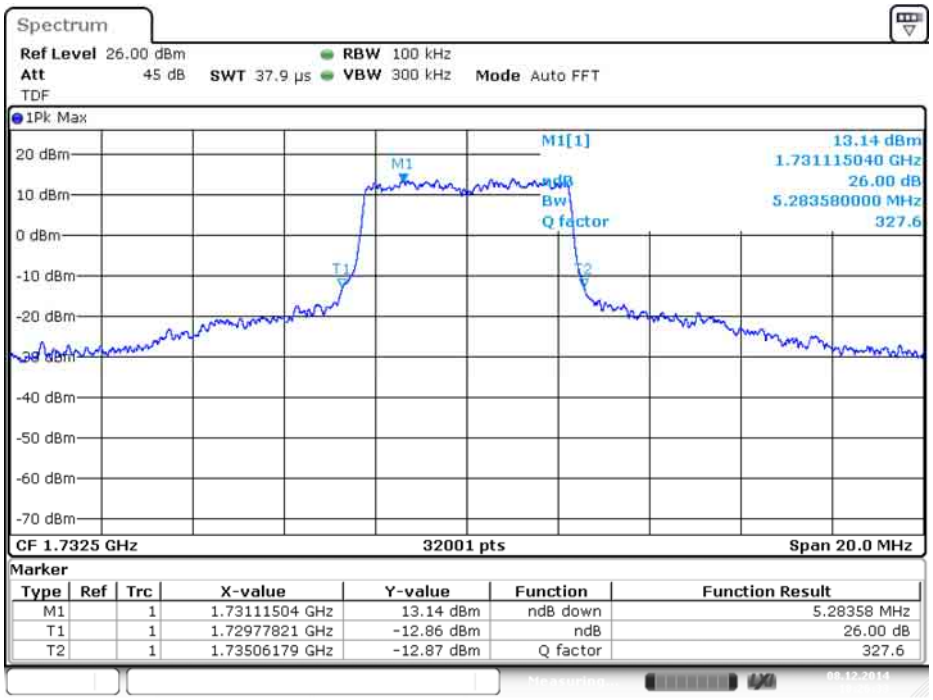
Emission bandwidth -26dB

LTE 4 16QAM BW5MHz Mid channel 20175 25RB-0



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73111504 GHz	13.14 dBm	ndB down	5.28358 MHz
T1		1	1.72977821 GHz	-12.86 dBm	ndB	26.00 dB
T2		1	1.73506179 GHz	-12.87 dBm	Q factor	327.6

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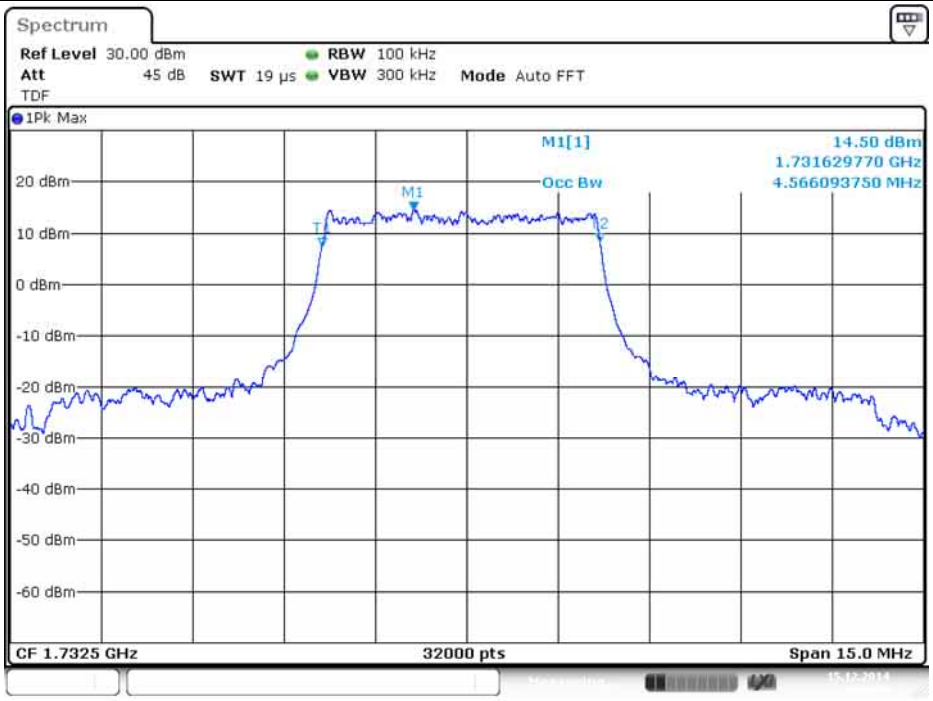
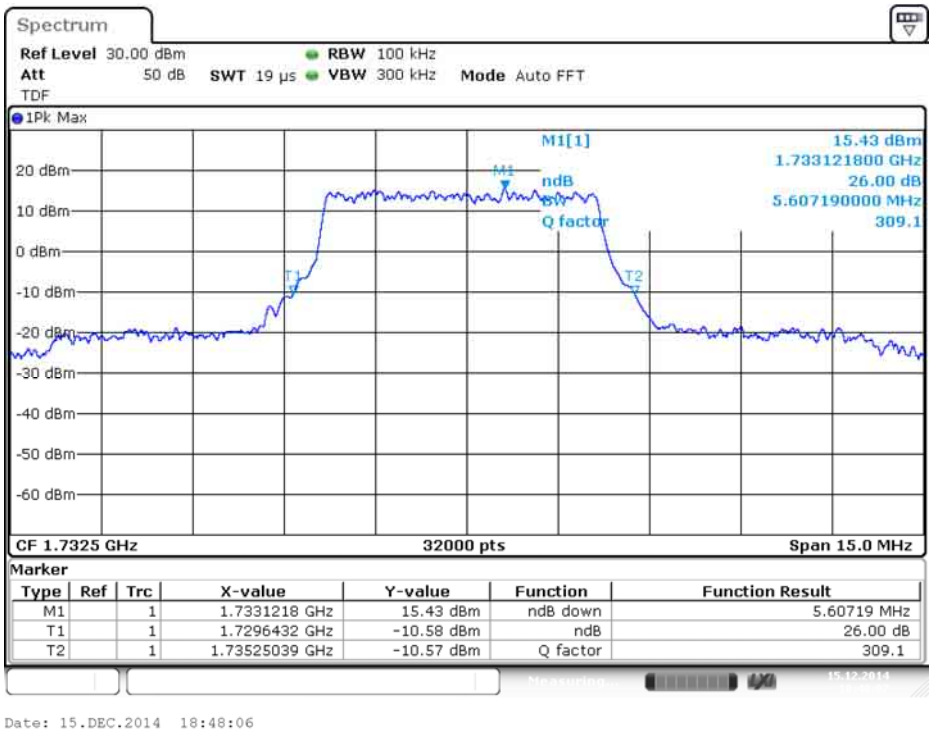
Occupied bandwidth 99%

LTE 4 QPSK BW10MHz Mid channel 20175 25RB-12



Emission bandwidth -26dB

LTE 4 QPSK BW10MHz Mid channel 20175 25RB-12



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7331218 GHz	15.43 dBm	ndB down	5.60719 MHz
T1		1	1.7296432 GHz	-10.58 dBm	ndB	26.00 dB
T2		1	1.73525039 GHz	-10.57 dBm	Q factor	309.1

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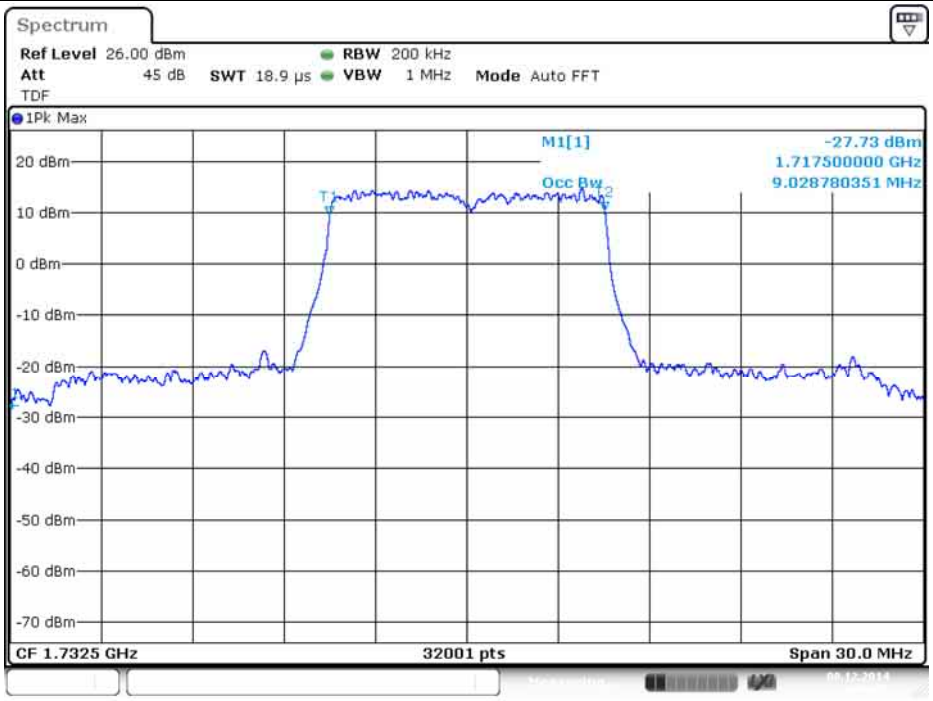
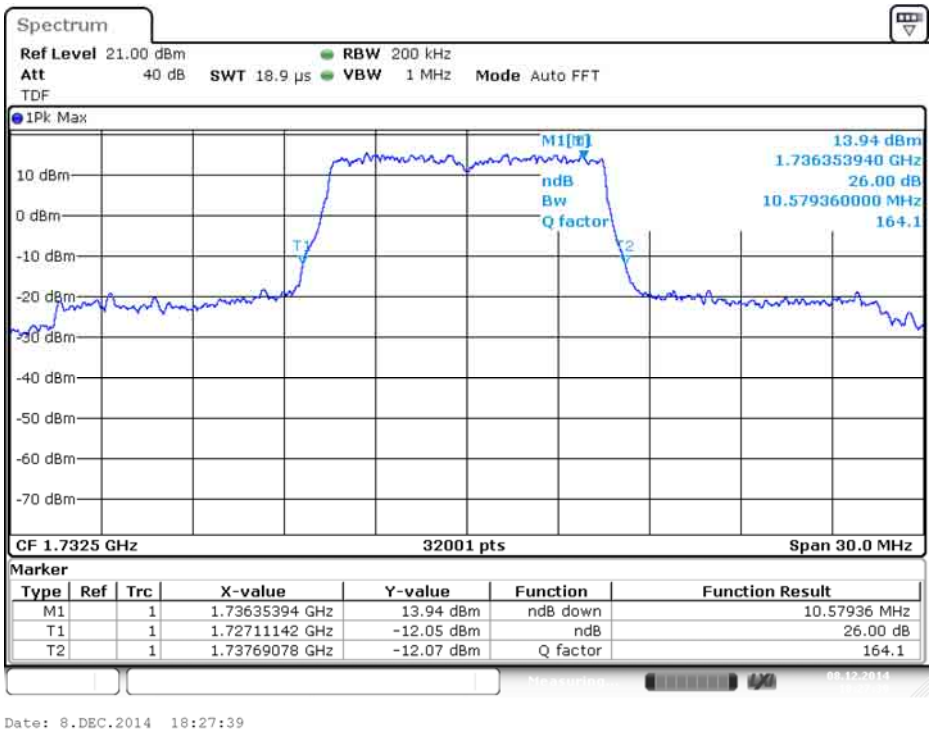
Occupied bandwidth 99%

LTE 4 QPSK BW10MHz Mid channel 20175 50RB-0



Emission bandwidth -26dB

LTE 4 QPSK BW10MHz Mid channel 20175 50RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73635394 GHz	13.94 dBm	ndB down	10.57936 MHz
T1		1	1.72711142 GHz	-12.05 dBm	ndB	26.00 dB
T2		1	1.73769078 GHz	-12.07 dBm	Q factor	164.1

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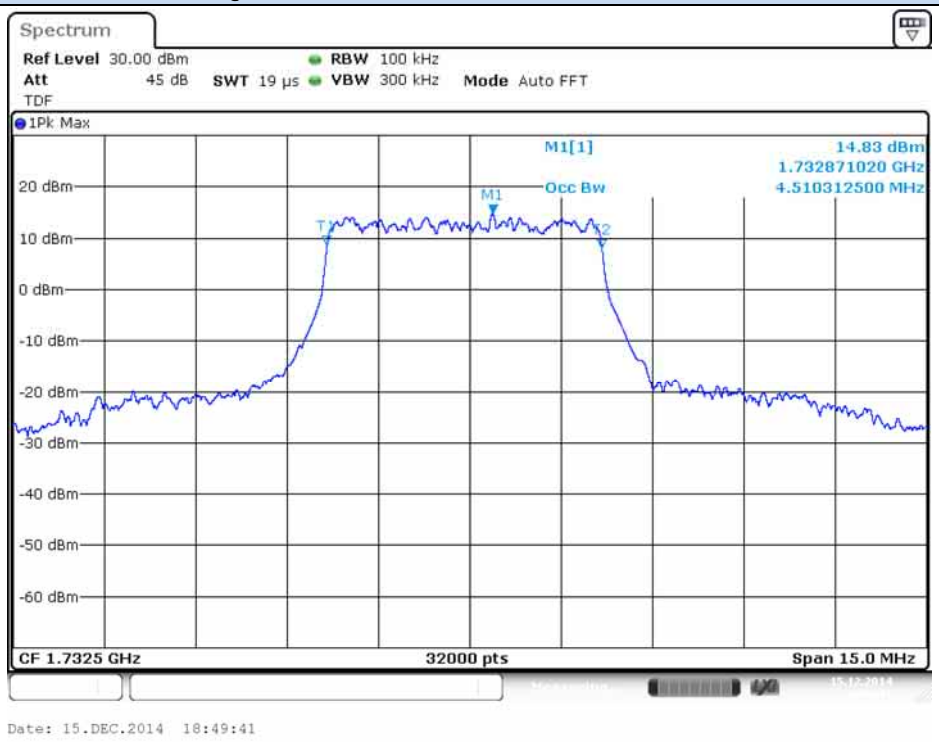
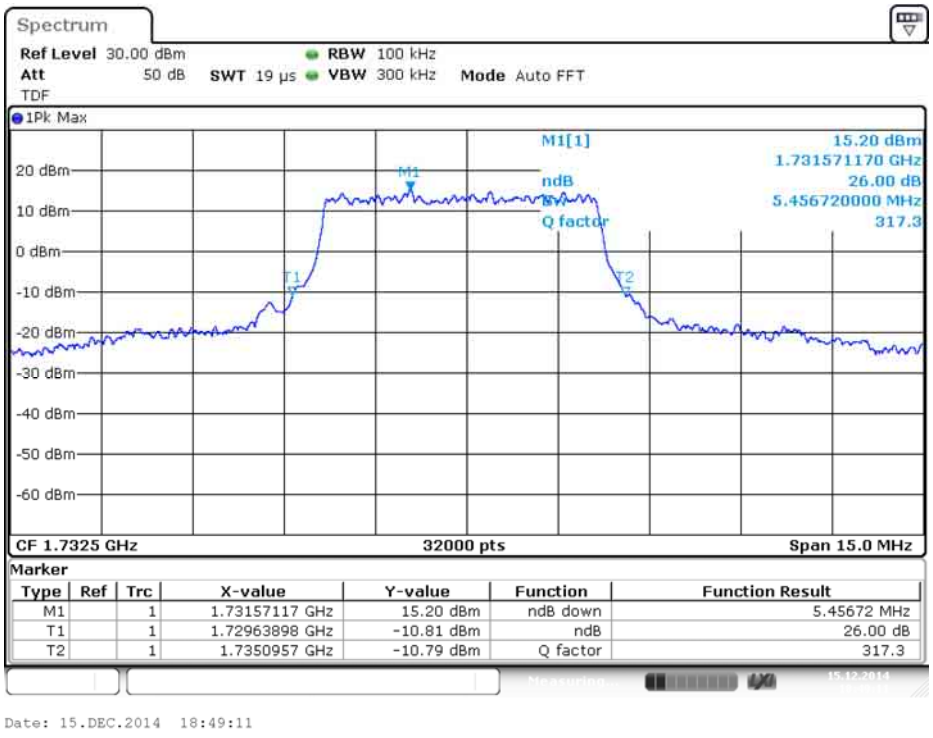
Occupied bandwidth 99%

LTE 4 16QAM BW10MHz Mid channel 20175 25RB-12



Emission bandwidth -26dB

LTE 4 16QAM BW10MHz Mid channel 20175 25RB-12



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73157117 GHz	15.20 dBm	ndB down	5.45672 MHz
T1		1	1.72963898 GHz	-10.81 dBm	ndB	26.00 dB
T2		1	1.7350957 GHz	-10.79 dBm	Q factor	317.3

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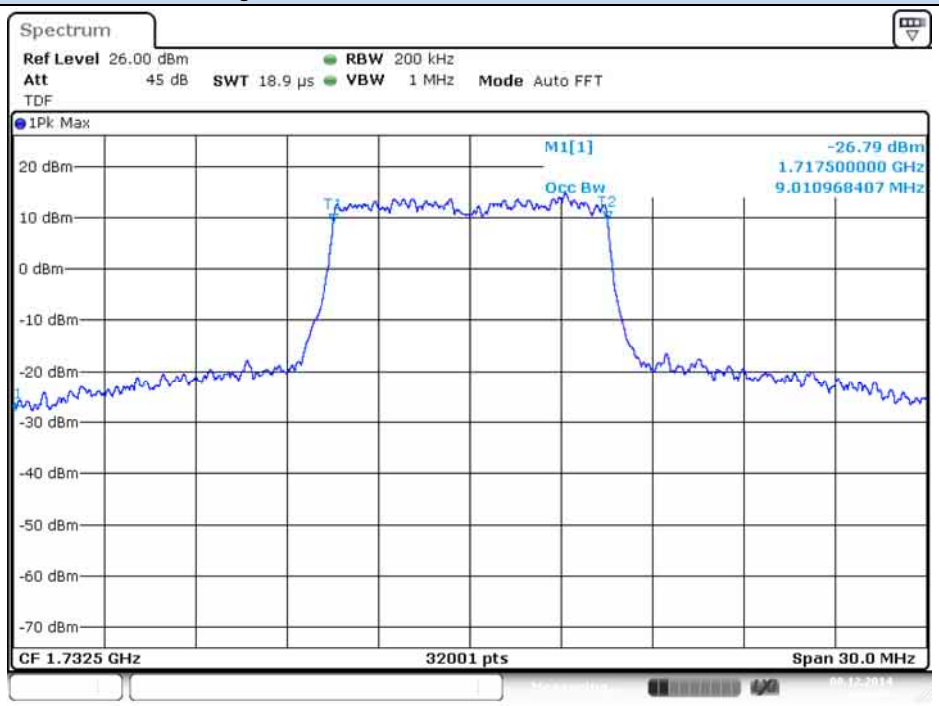
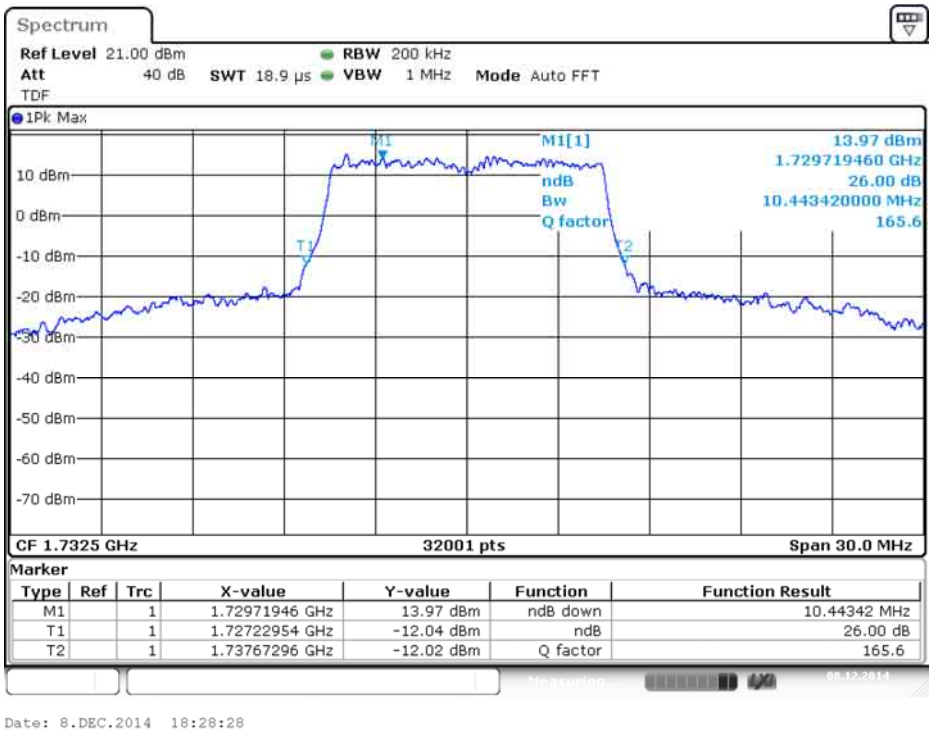
Occupied bandwidth 99%

LTE 4 16QAM BW10MHz Mid channel 20175 50RB-0



Emission bandwidth -26dB

LTE 4 16QAM BW10MHz Mid channel 20175 50RB-0



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72971946 GHz	13.97 dBm	ndB down	10.44342 MHz
T1		1	1.72722954 GHz	-12.04 dBm	ndB	26.00 dB
T2		1	1.73767296 GHz	-12.02 dBm	Q factor	165.6

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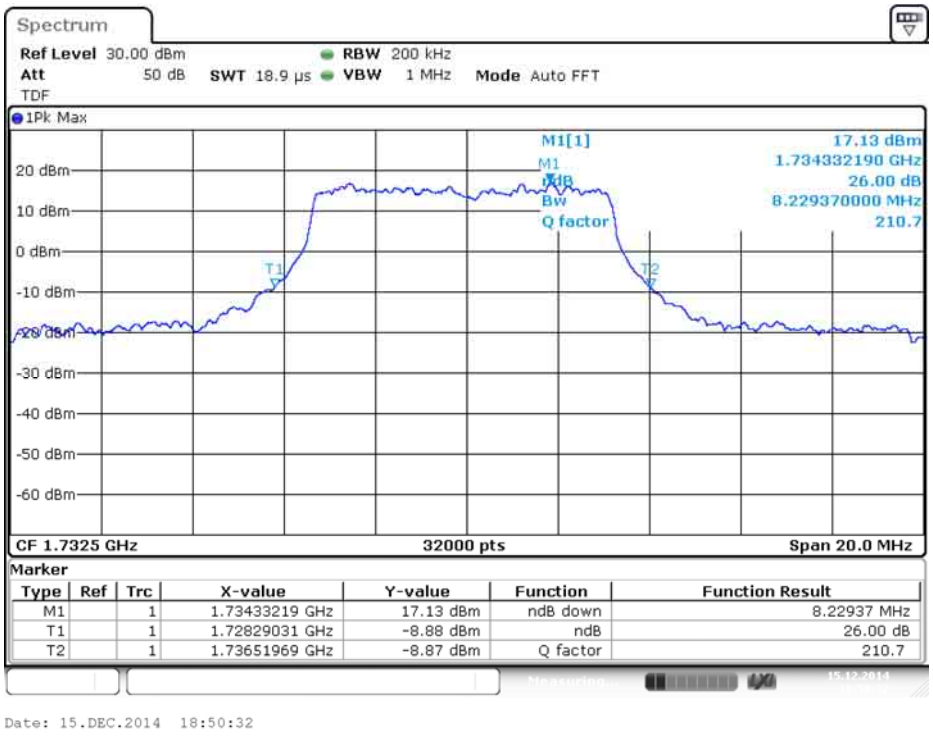
Occupied bandwidth 99%

LTE 4 QPSK BW15MHz Mid channel 20175 36RB-19

Emission bandwidth -26dB

LTE 4 QPSK BW15MHz Mid channel 20175 36RB-19



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73433219 GHz	17.13 dBm	ndB down	8.22937 MHz
T1		1	1.72829031 GHz	-8.88 dBm	ndB	26.00 dB
T2		1	1.73651969 GHz	-8.87 dBm	Q factor	210.7

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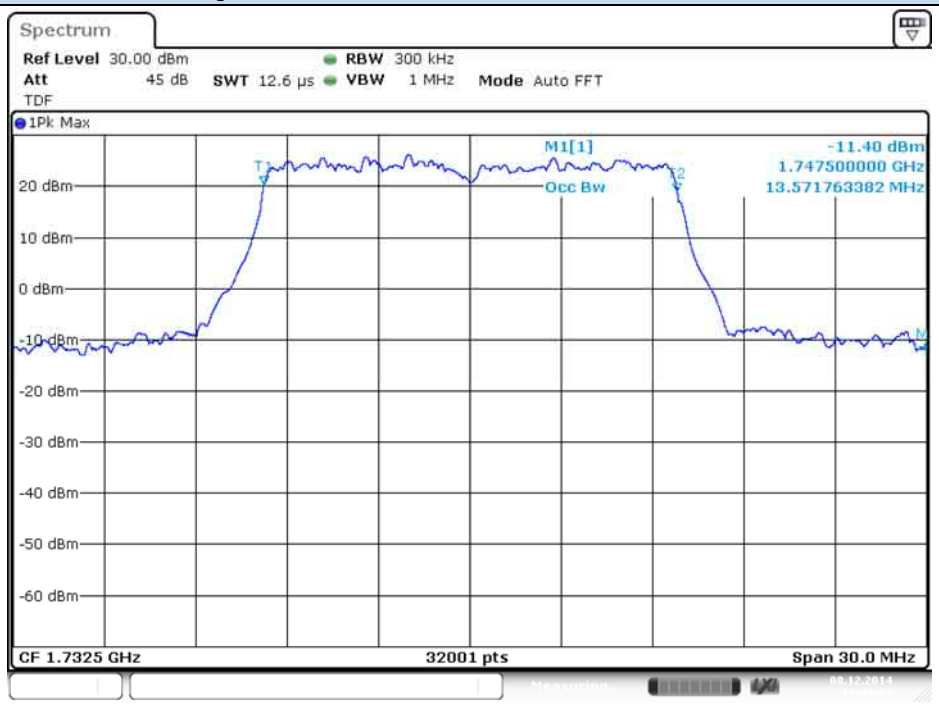
Occupied bandwidth 99%

LTE 4 QPSK BW15MHz Mid channel 20175 75RB-0



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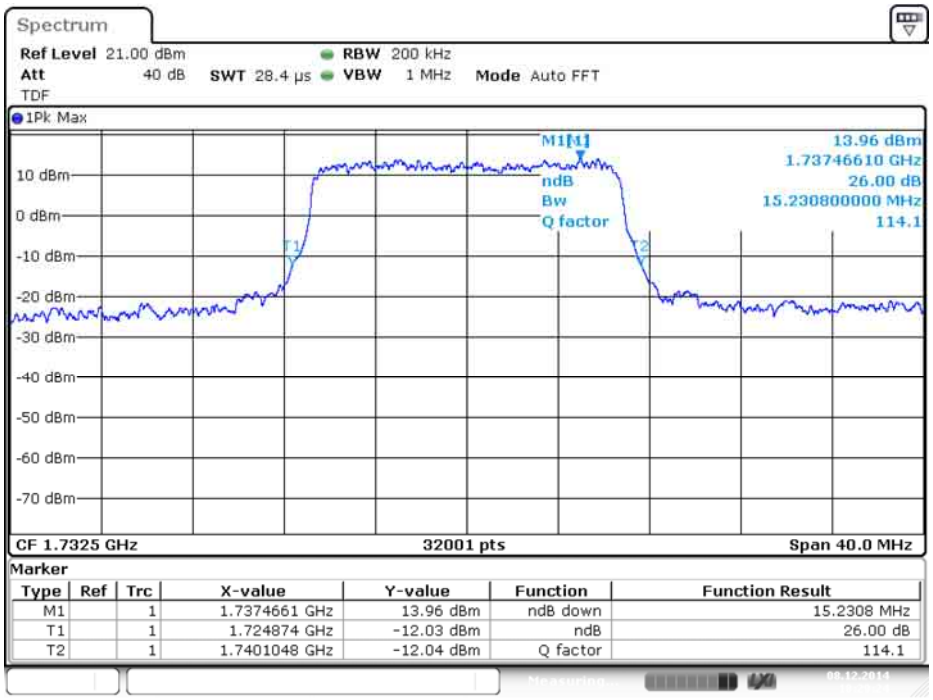
Emission bandwidth -26dB

LTE 4 QPSK BW15MHz Mid channel 20175 75RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7374661 GHz	13.96 dBm	ndB down	15.2308 MHz
T1		1	1.724874 GHz	-12.03 dBm	ndB	26.00 dB
T2		1	1.7401048 GHz	-12.04 dBm	Q factor	114.1

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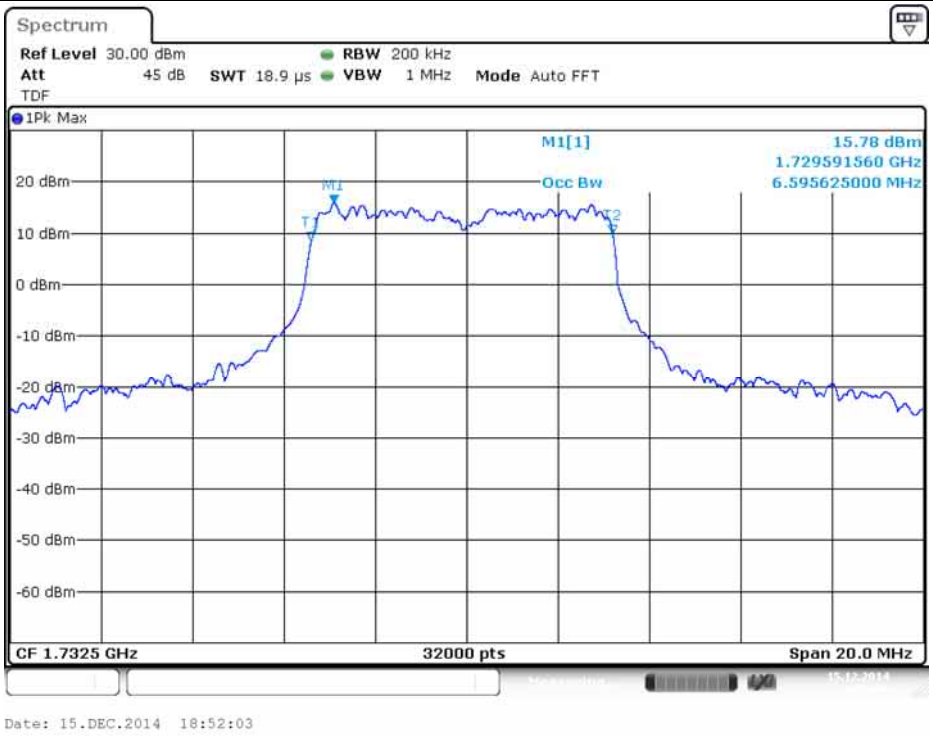
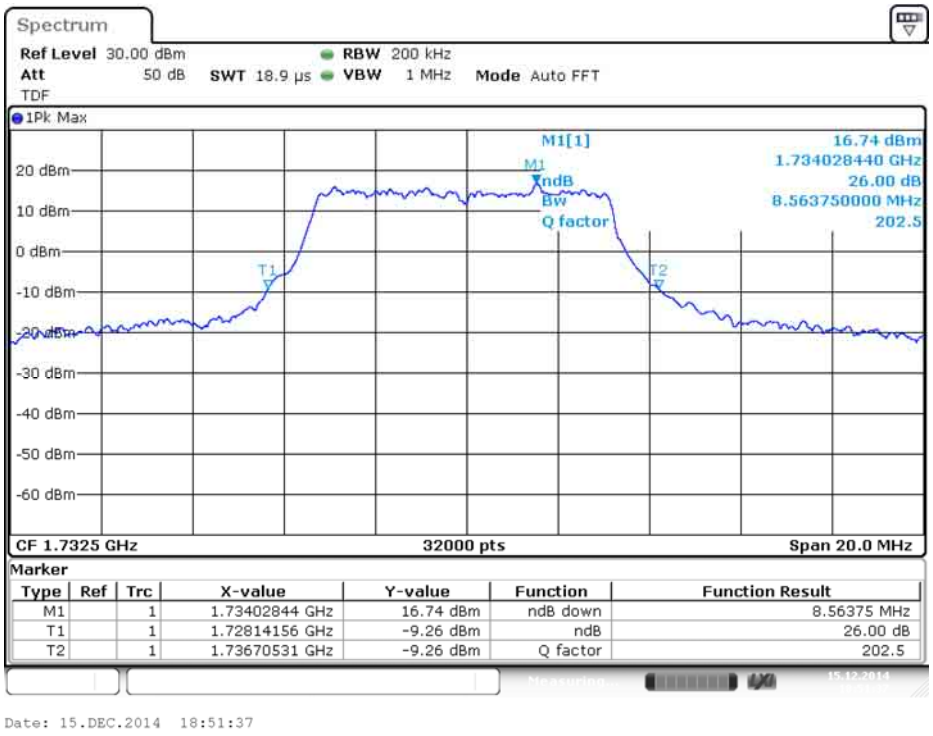
Occupied bandwidth 99%

LTE 4 16QAM BW15MHz Mid channel 20175 36RB-19



Emission bandwidth -26dB

LTE 4 16QAM BW15MHz Mid channel 20175 36RB-19



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73402844 GHz	16.74 dBm	ndB down	8.56375 MHz
T1		1	1.72814156 GHz	-9.26 dBm	ndB	26.00 dB
T2		1	1.73670531 GHz	-9.26 dBm	Q factor	202.5

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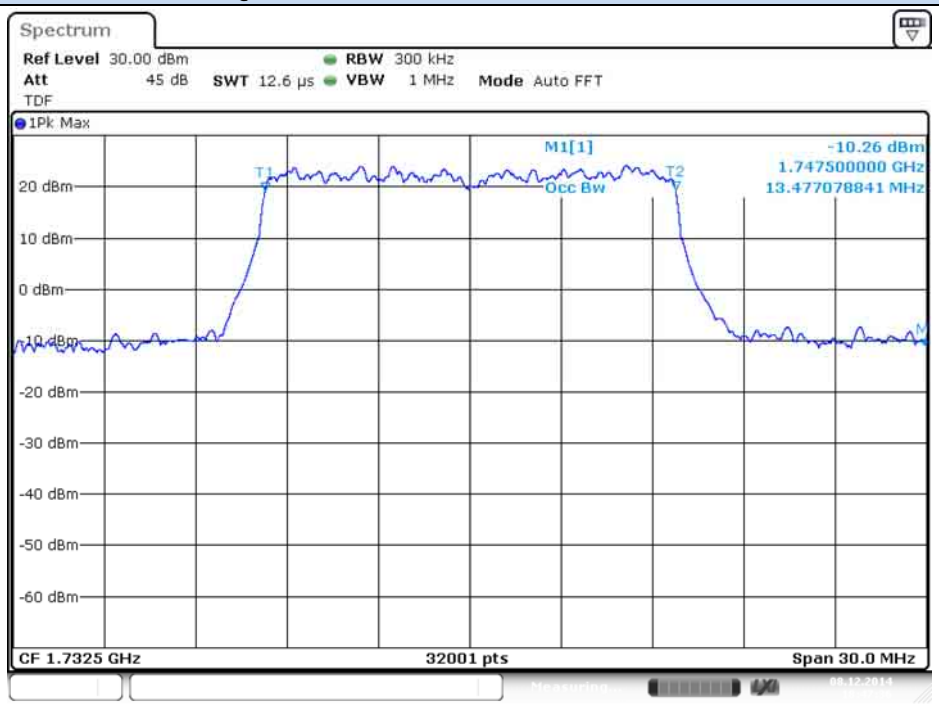
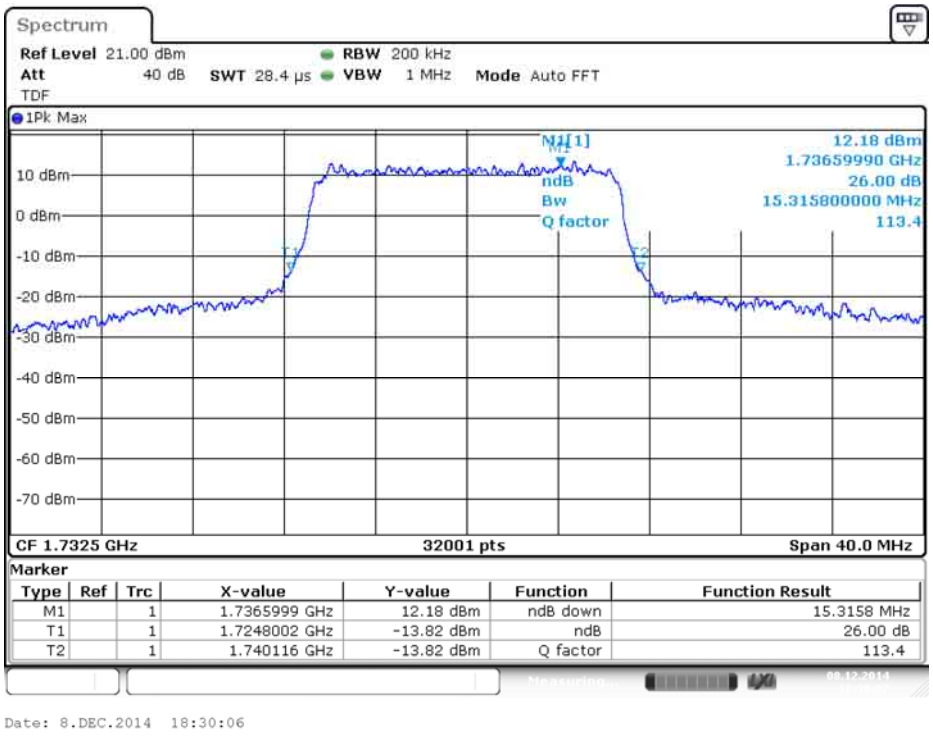
Occupied bandwidth 99%

LTE 4 16QAM BW15MHz Mid channel 20175 75RB-0



Emission bandwidth -26dB

LTE 4 16QAM BW15MHz Mid channel 20175 75RB-0



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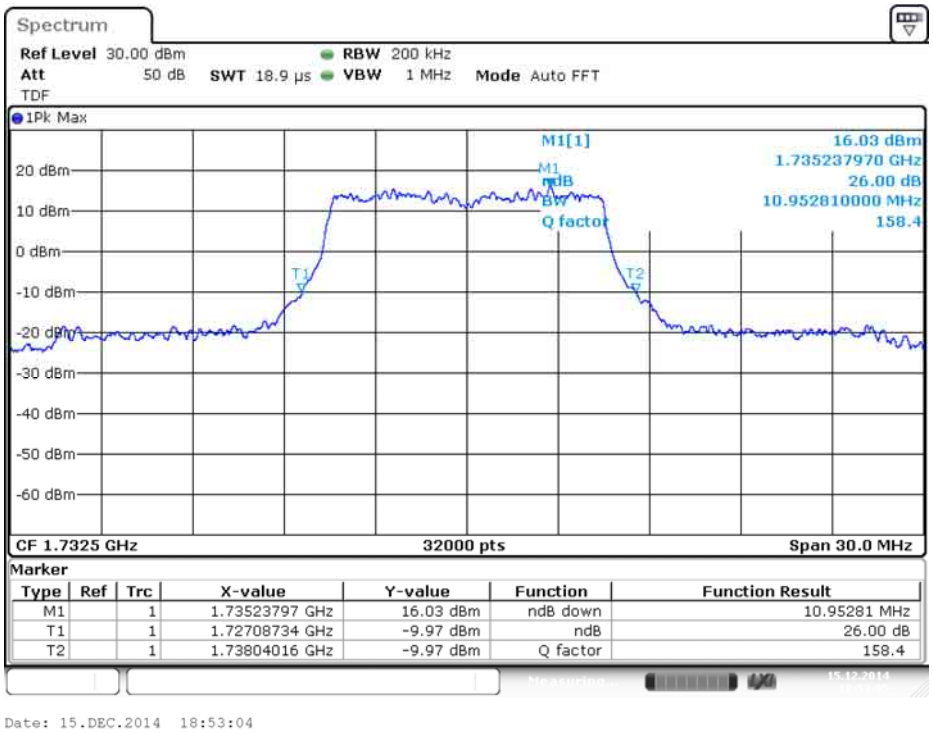
Occupied bandwidth 99%

LTE 4 QPSK BW20MHz Mid channel 20175 50RB-25

Emission bandwidth -26dB

LTE 4 QPSK BW20MHz Mid channel 20175 50RB-25



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73523797 GHz	16.03 dBm	ndB down	10.95281 MHz
T1		1	1.72708734 GHz	-9.97 dBm	ndB	26.00 dB
T2		1	1.73804016 GHz	-9.97 dBm	Q factor	158.4

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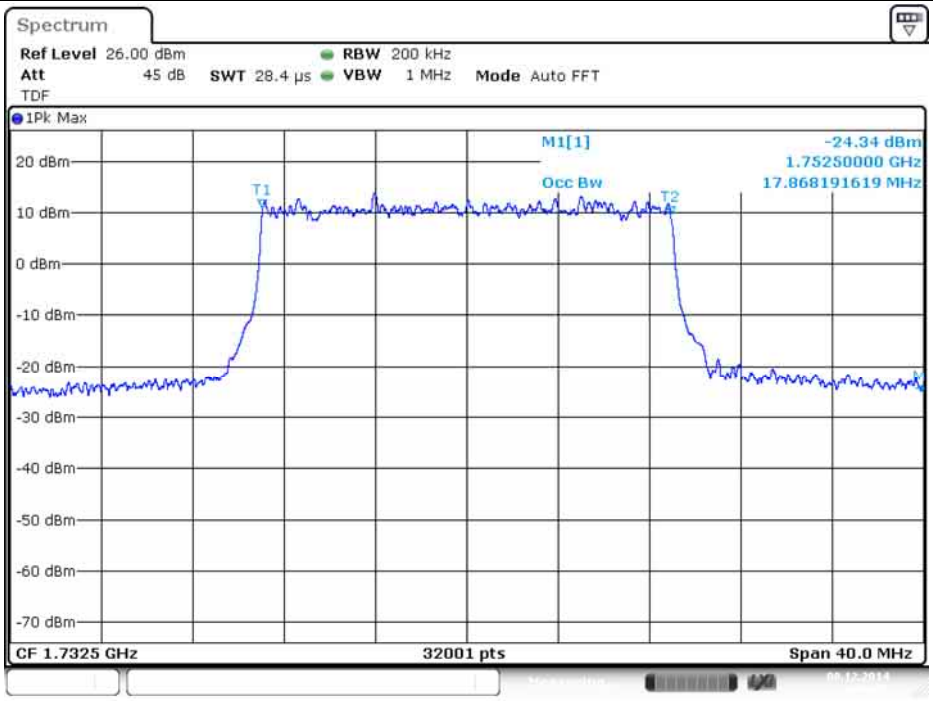
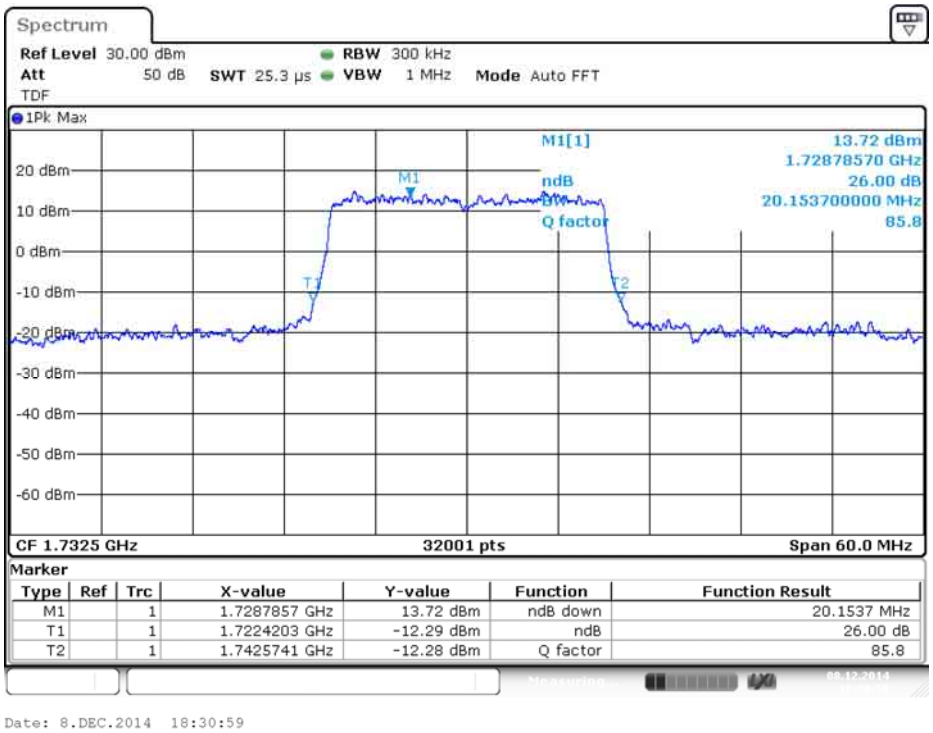
Occupied bandwidth 99%

LTE 4 QPSK BW20MHz Mid channel 20175 100RB-0



Emission bandwidth -26dB

LTE 4 QPSK BW20MHz Mid channel 20175 100RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7287857 GHz	13.72 dBm	ndB down	20.1537 MHz
T1		1	1.7224203 GHz	-12.29 dBm	ndB	26.00 dB
T2		1	1.7425741 GHz	-12.28 dBm	Q factor	85.8

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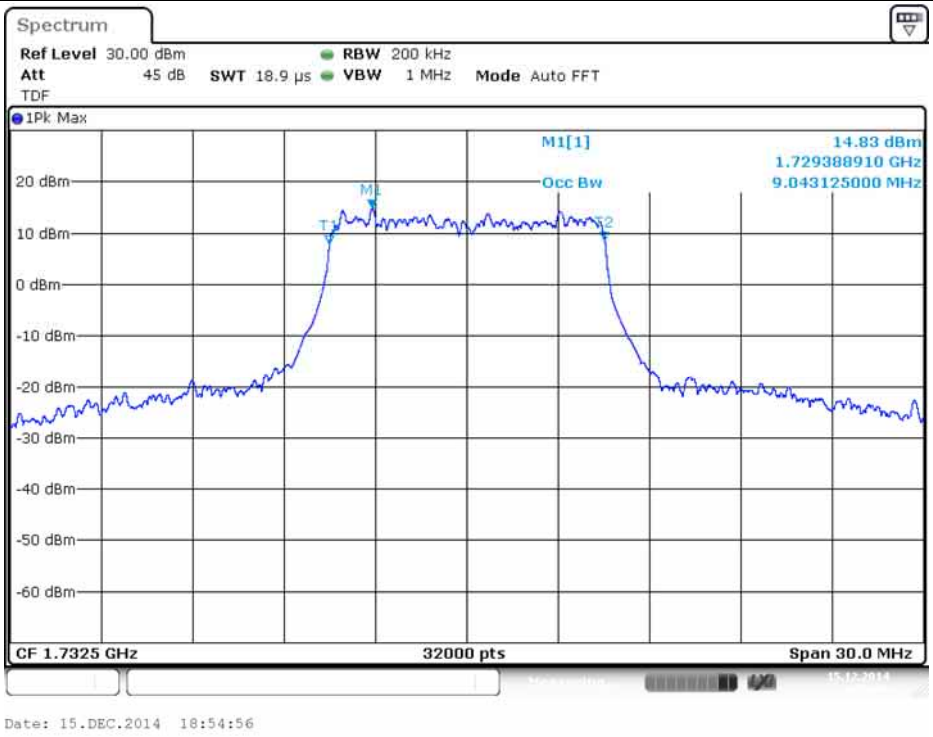
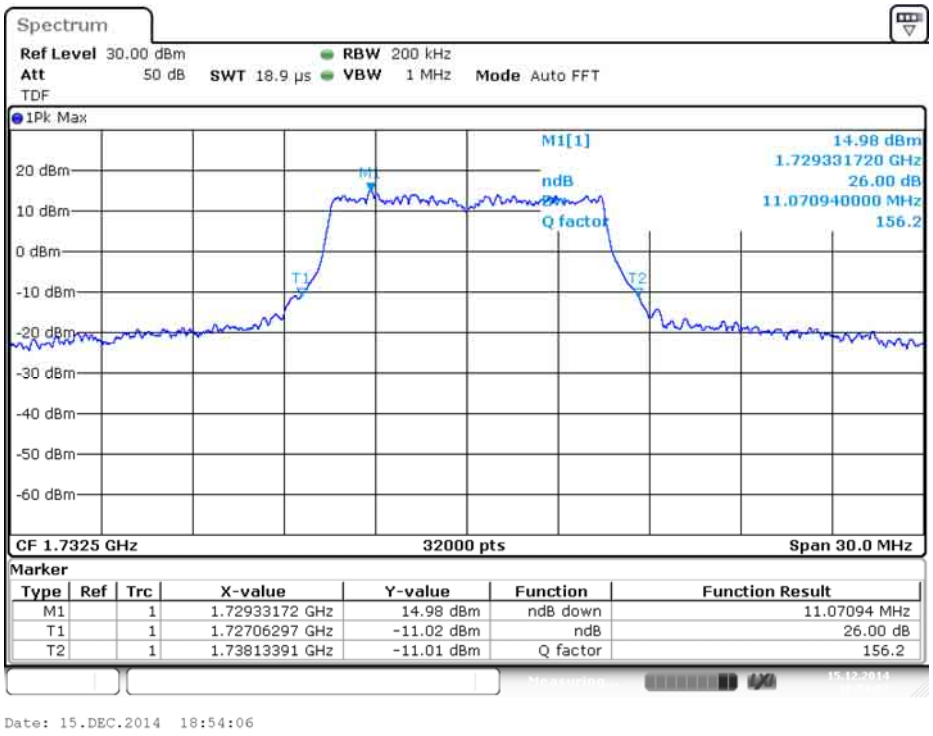
Occupied bandwidth 99%

LTE 4 16QAM BW20MHz Mid channel 20175 50RB-25



Emission bandwidth -26dB

LTE 4 16QAM BW20MHz Mid channel 20175 50RB-25



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72933172 GHz	14.98 dBm	ndB down	11.07094 MHz
T1		1	1.72706297 GHz	-11.02 dBm	ndB	26.00 dB
T2		1	1.73813391 GHz	-11.01 dBm	Q factor	156.2

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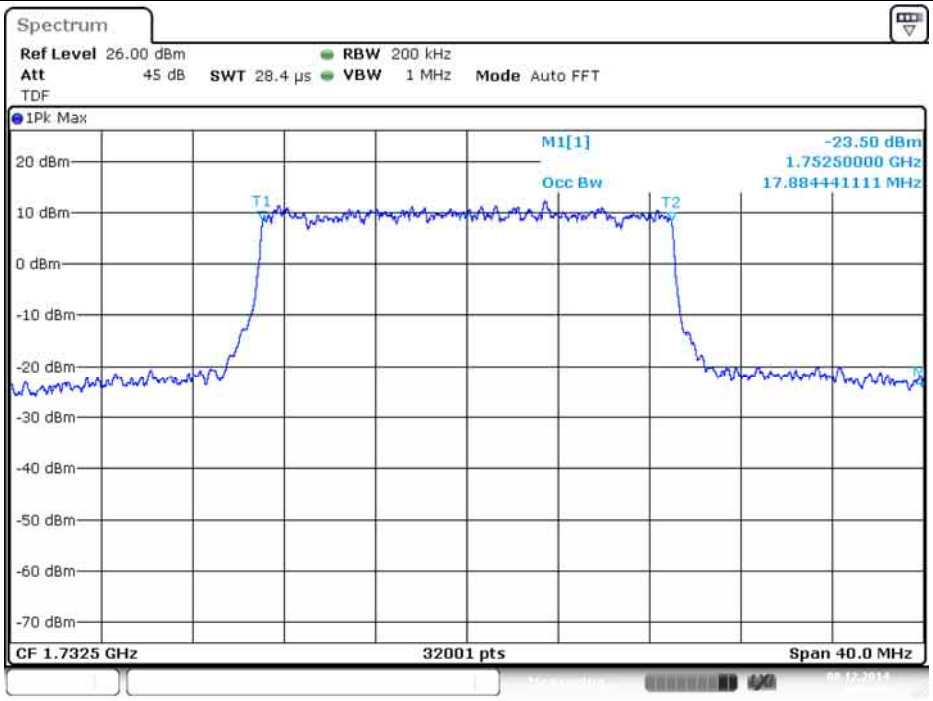
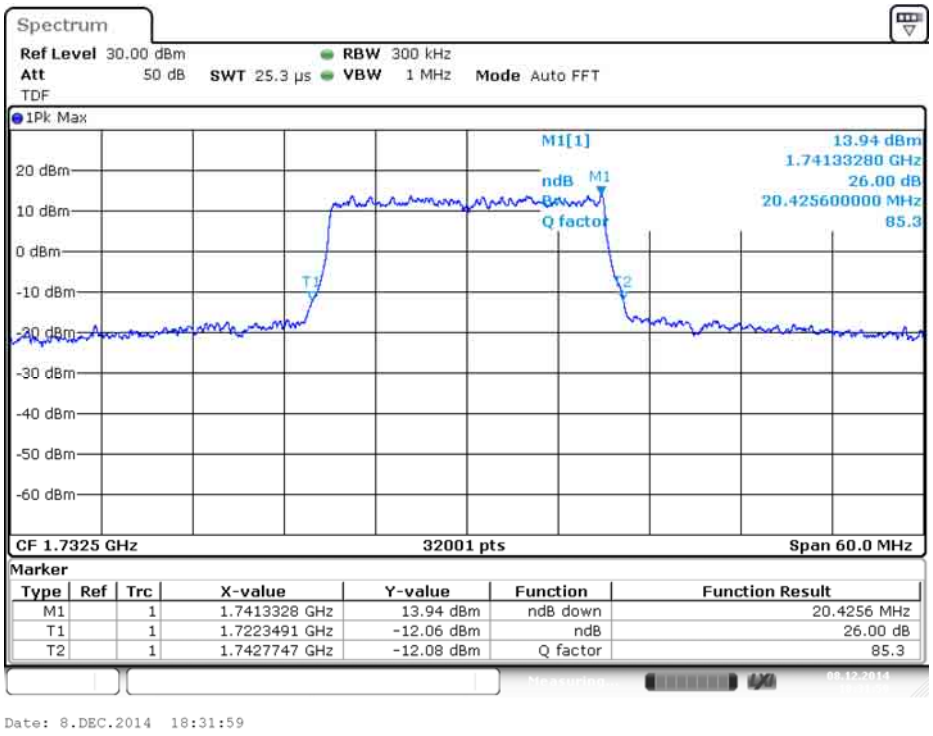
Occupied bandwidth 99%

LTE 4 16QAM BW20MHz Mid channel 20175 100RB-0



Emission bandwidth -26dB

LTE 4 16QAM BW20MHz Mid channel 20175 100RB-0



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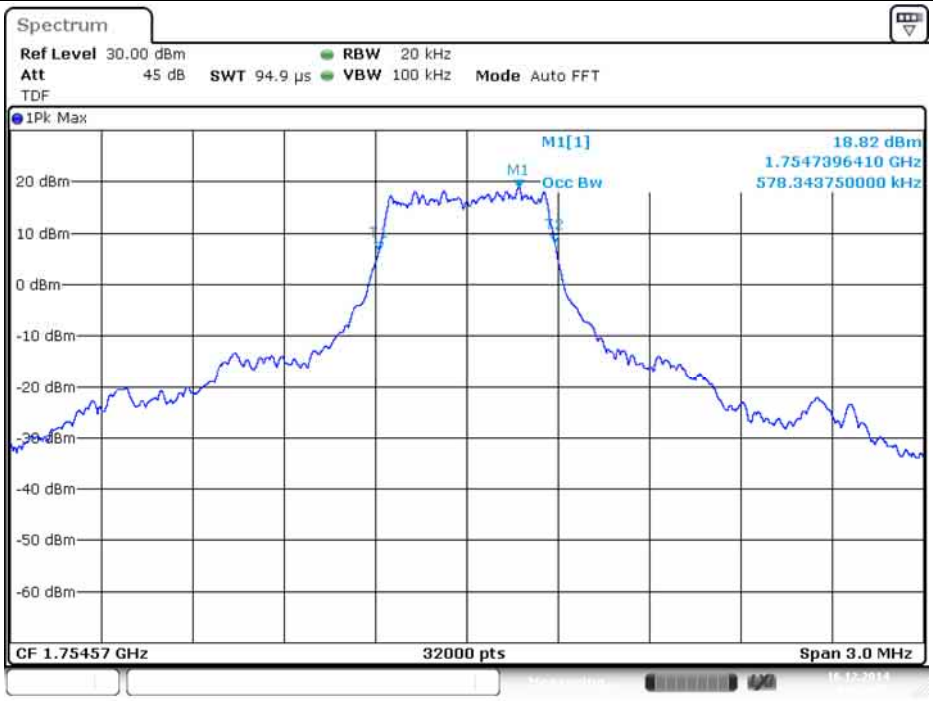
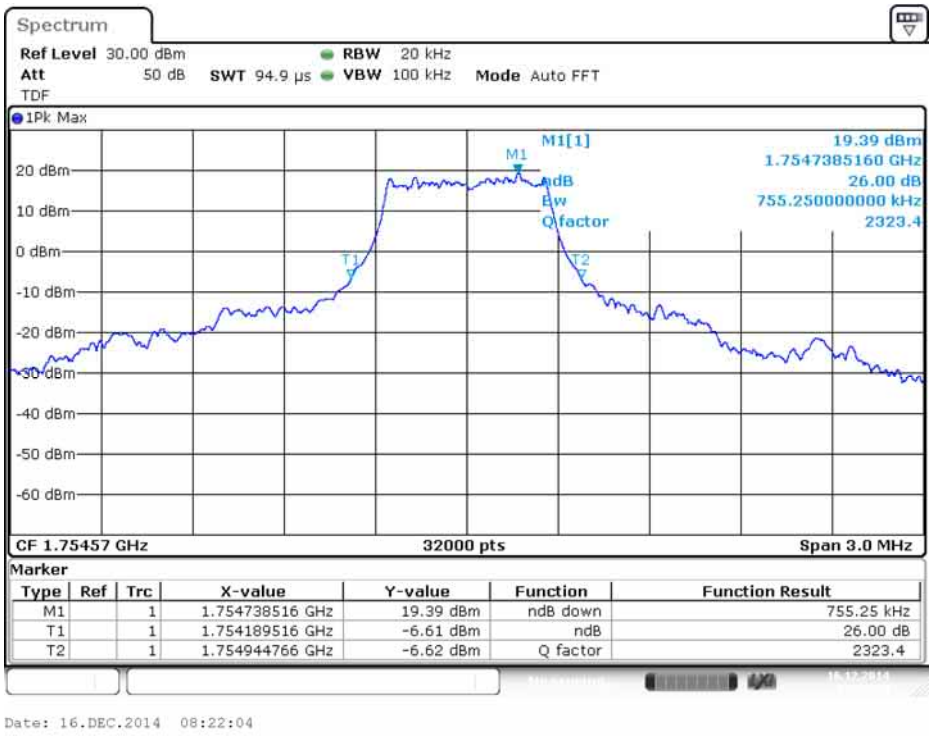
Occupied bandwidth 99%

LTE 4 QPSK BW1.4MHz High channel 20393 3RB-3



Emission bandwidth -26dB

LTE 4 QPSK BW1.4MHz High channel 20393 3RB-3



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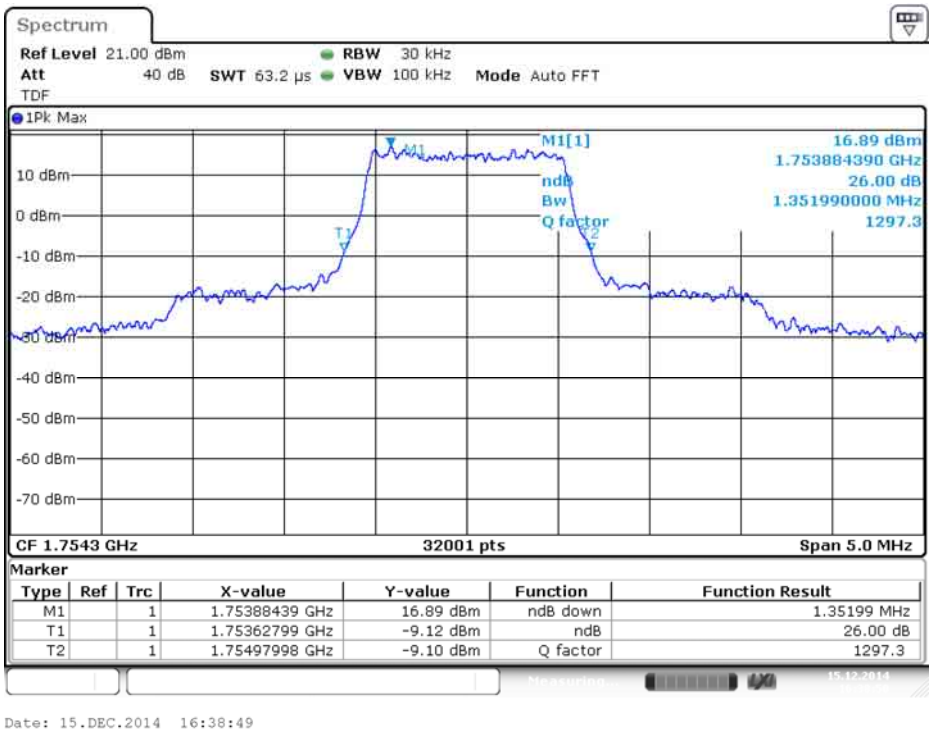
Occupied bandwidth 99%

LTE 4 QPSK BW1.4MHz High channel 20393 6RB-0

Emission bandwidth -26dB

LTE 4 QPSK BW1.4MHz High channel 20393 6RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75388439 GHz	16.89 dBm	ndB down	1.35199 MHz
T1		1	1.75362799 GHz	-9.12 dBm	ndB	26.00 dB
T2		1	1.75497998 GHz	-9.10 dBm	Q factor	1297.3

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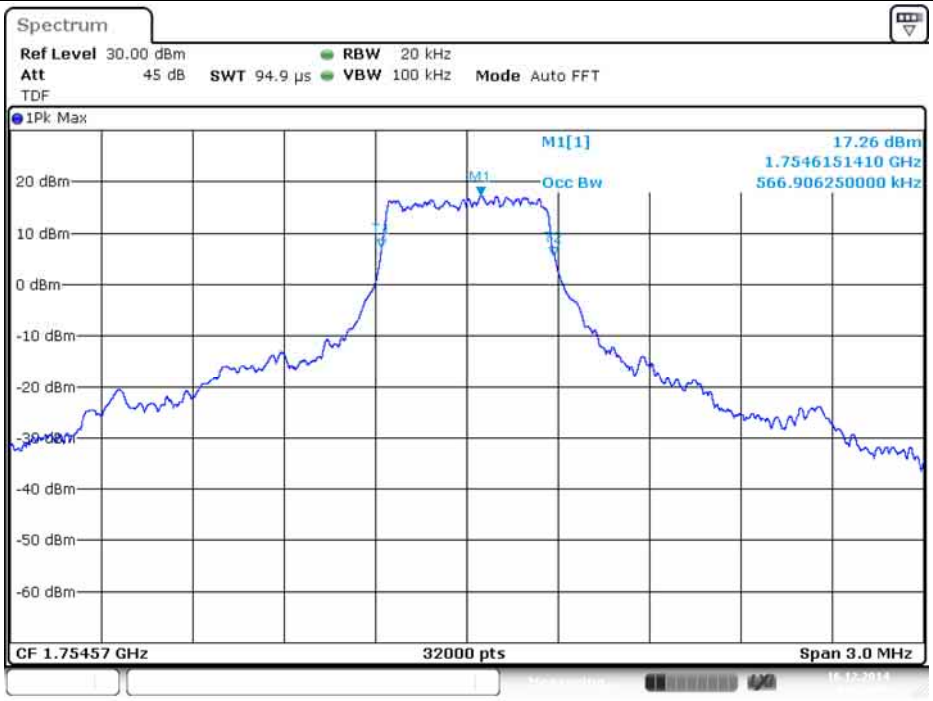
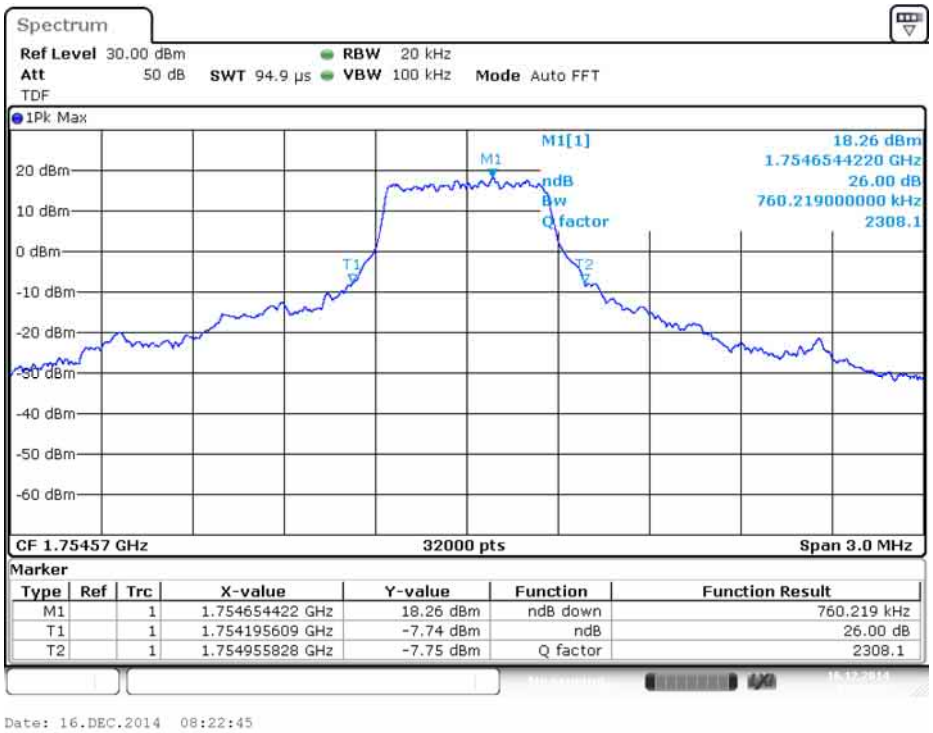
Occupied bandwidth 99%

LTE 4 16QAM BW1.4MHz High channel 20393 3RB-3



Emission bandwidth -26dB

LTE 4 16QAM BW1.4MHz High channel 20393 3RB-3



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.754654422 GHz	18.26 dBm	ndB down	760.219 kHz
T1		1	1.754195609 GHz	-7.74 dBm	ndB	26.00 dB
T2		1	1.754955828 GHz	-7.75 dBm	Q factor	2308.1

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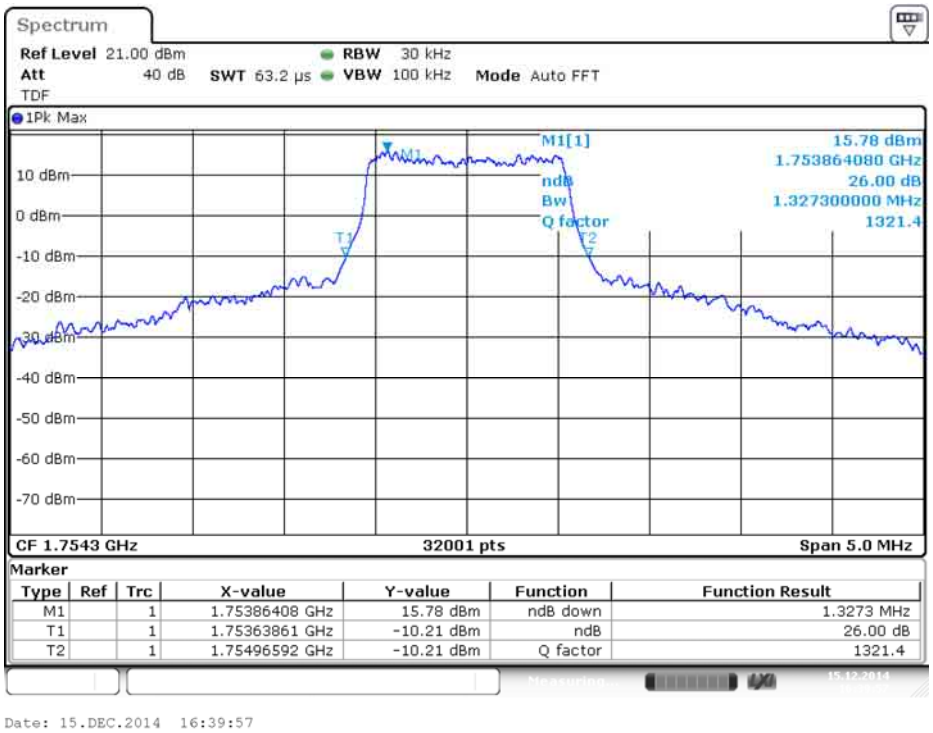
Occupied bandwidth 99%

LTE 4 16QAM BW1.4MHz High channel 20393 6RB-0

Emission bandwidth -26dB

LTE 4 16QAM BW1.4MHz High channel 20393 6RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75386408 GHz	15.78 dBm	ndB down	1.3273 MHz
T1		1	1.75363861 GHz	-10.21 dBm	ndB	26.00 dB
T2		1	1.75496592 GHz	-10.21 dBm	Q factor	1321.4

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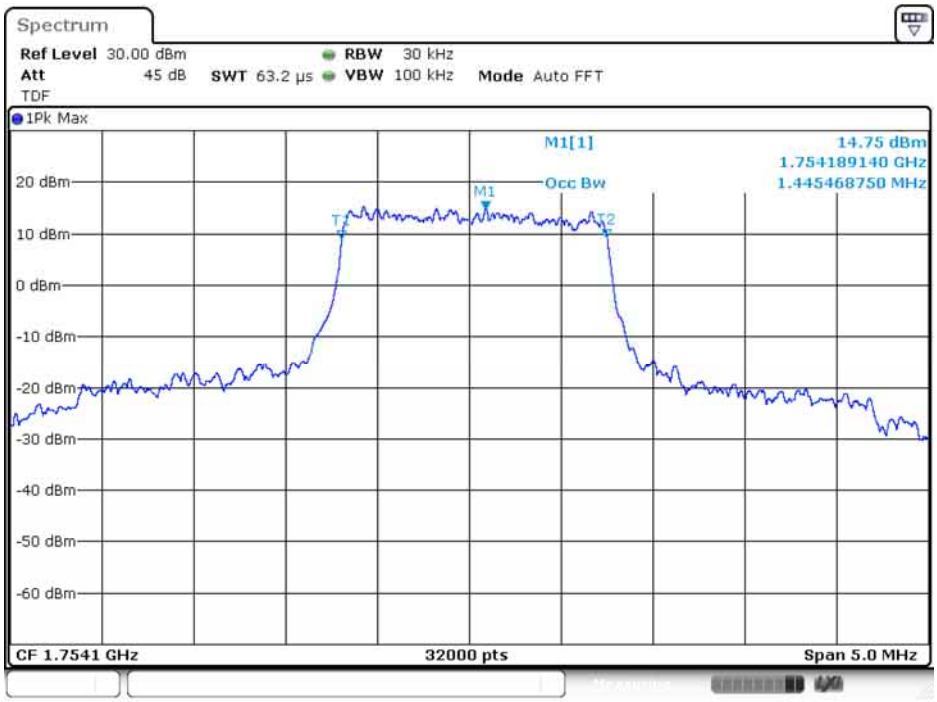
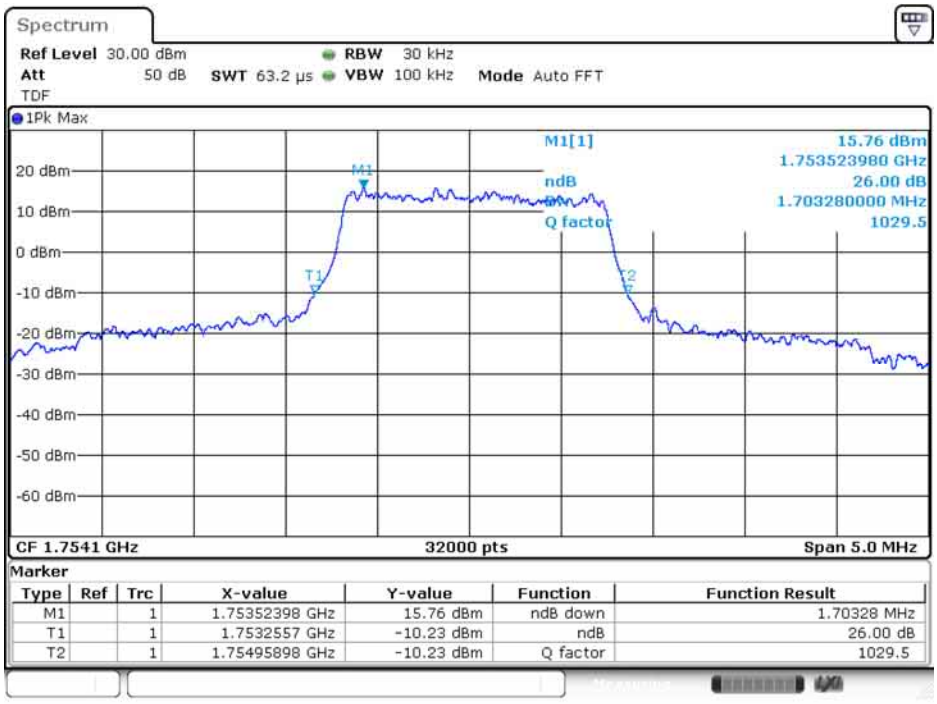
Occupied bandwidth 99%

LTE 4 QPSK BW3MHz High channel 20385 8RB-7



Emission bandwidth -26dB

LTE 4 QPSK BW3MHz High channel 20385 8RB-7



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75352398 GHz	15.76 dBm	ndB down	1.70328 MHz
T1		1	1.7532557 GHz	-10.23 dBm	ndB	26.00 dB
T2		1	1.75495898 GHz	-10.23 dBm	Q factor	1029.5

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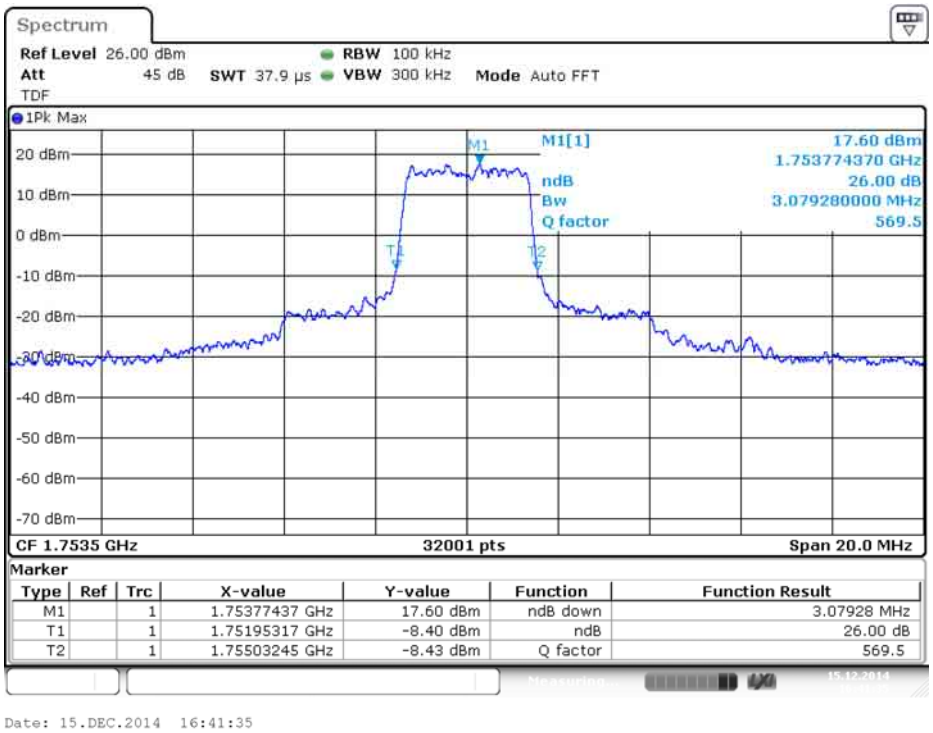
Occupied bandwidth 99%

LTE 4 QPSK BW3MHz High channel 20385 15RB-0

Emission bandwidth -26dB

LTE 4 QPSK BW3MHz High channel 20385 15RB-0



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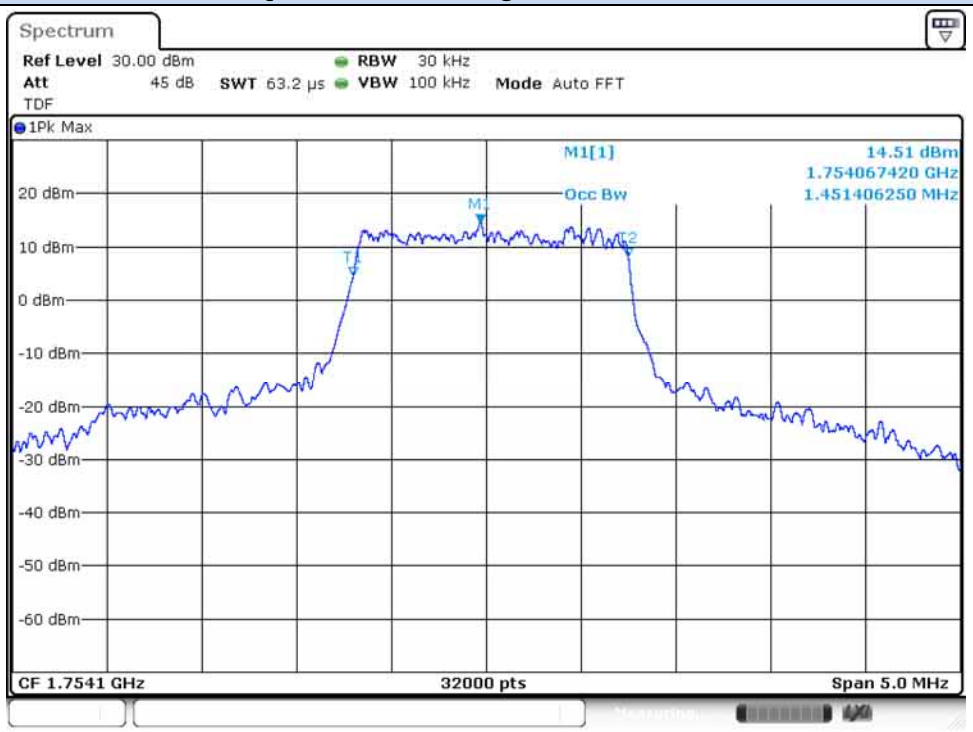
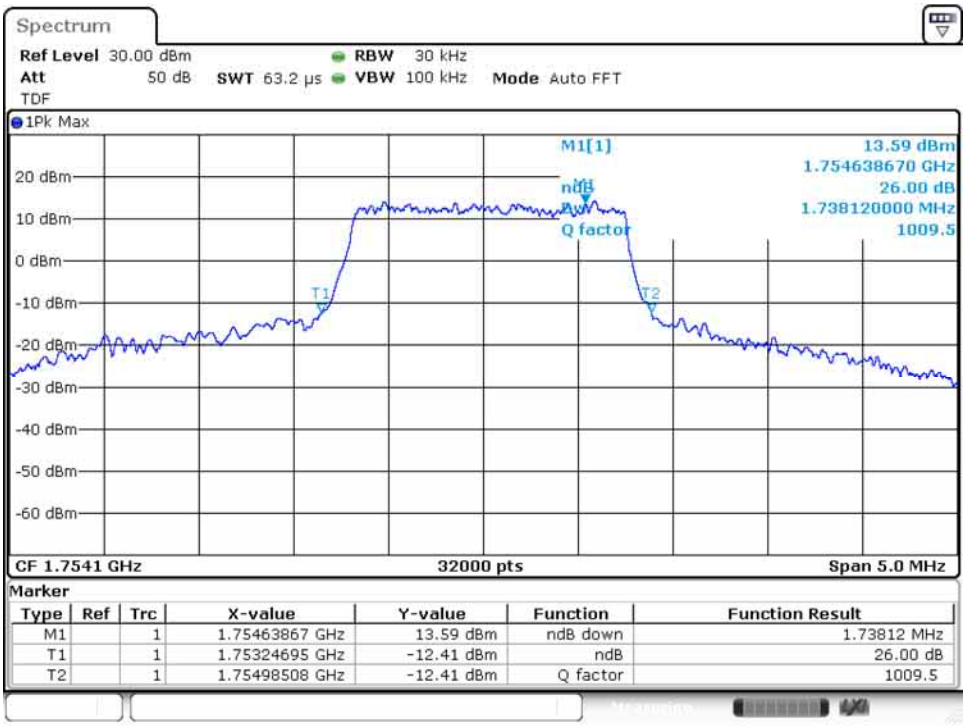
Occupied bandwidth 99%

LTE 4 16QAM BW3MHz High channel 20385 8RB-7



Emission bandwidth -26dB

LTE 4 16QAM BW3MHz High channel 20385 8RB-7



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75463867 GHz	13.59 dBm	ndB down	1.73812 MHz
T1		1	1.75324695 GHz	-12.41 dBm	ndB	26.00 dB
T2		1	1.75498508 GHz	-12.41 dBm	Q factor	1009.5

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Occupied bandwidth 99%

LTE 4 16QAM BW3MHz High channel 20385 15RB-0

Emission bandwidth -26dB

LTE 4 16QAM BW3MHz High channel 20385 15RB-0

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75285727 GHz	16.72 dBm	ndB down	3.12253 MHz
T1		1	1.7519603 GHz	-9.30 dBm	ndB	26.00 dB
T2		1	1.75508283 GHz	-9.28 dBm	Q factor	561.4

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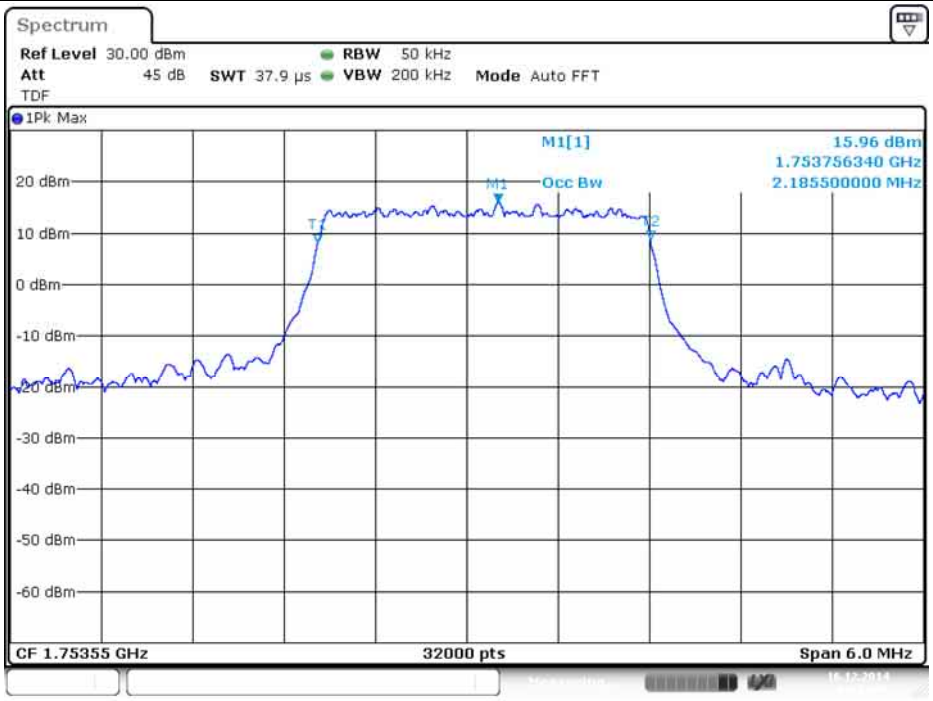
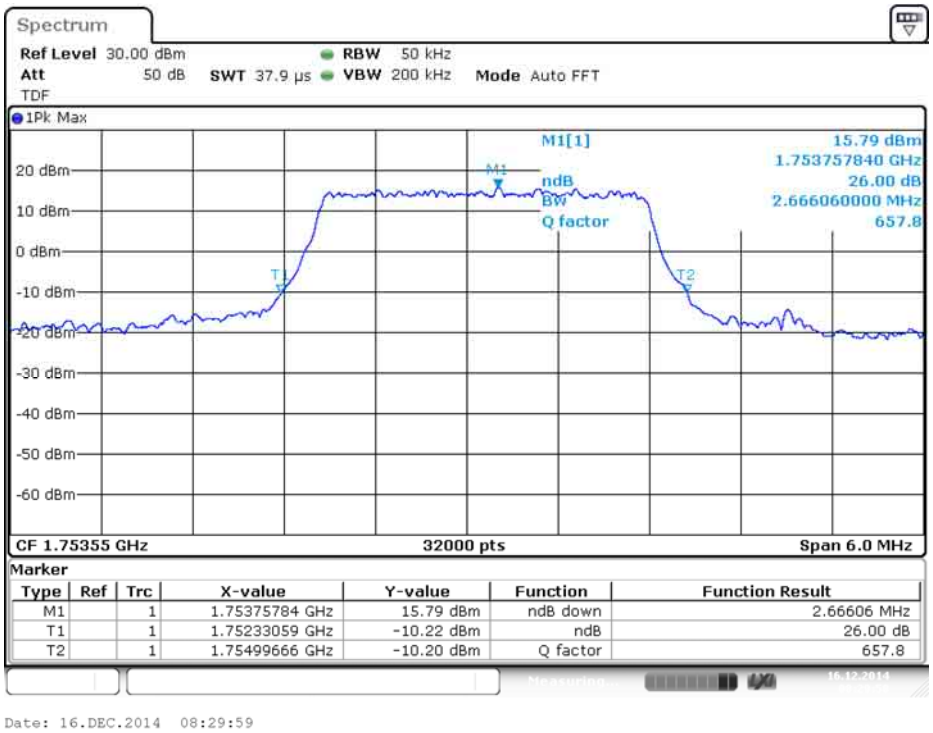
Occupied bandwidth 99%

LTE 4 QPSK BW5MHz High channel 20375 12RB-13



Emission bandwidth -26dB

LTE 4 QPSK BW5MHz High channel 20375 12RB-13



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75375784 GHz	15.79 dBm	ndB down	2.66606 MHz
T1		1	1.75233059 GHz	-10.22 dBm	ndB	26.00 dB
T2		1	1.75499666 GHz	-10.20 dBm	Q factor	657.8

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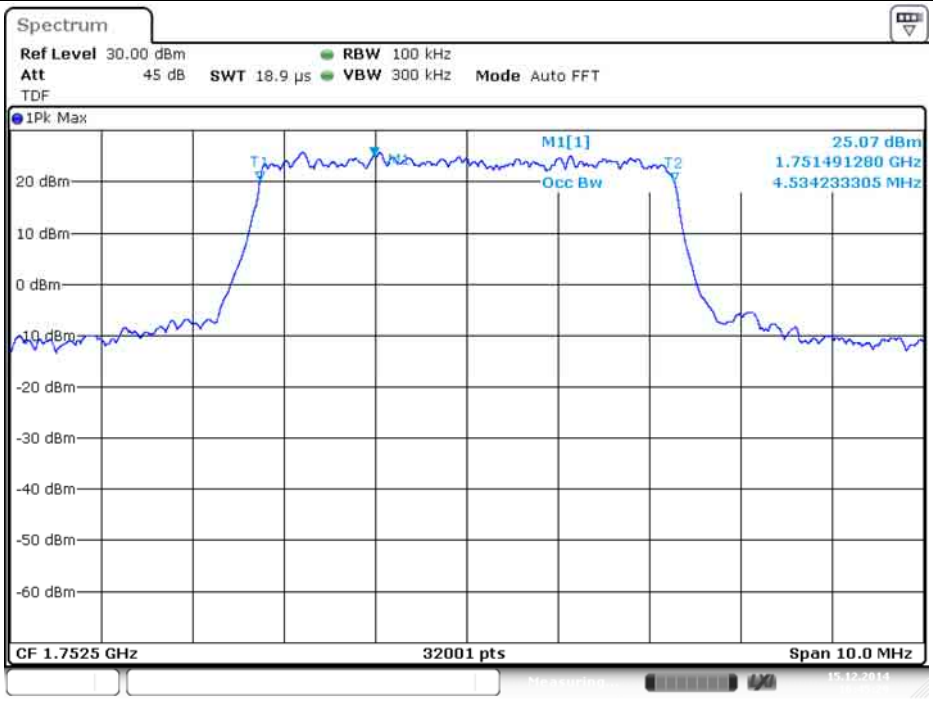
Occupied bandwidth 99%

LTE 4 QPSK BW5MHz High channel 20375 25RB-0



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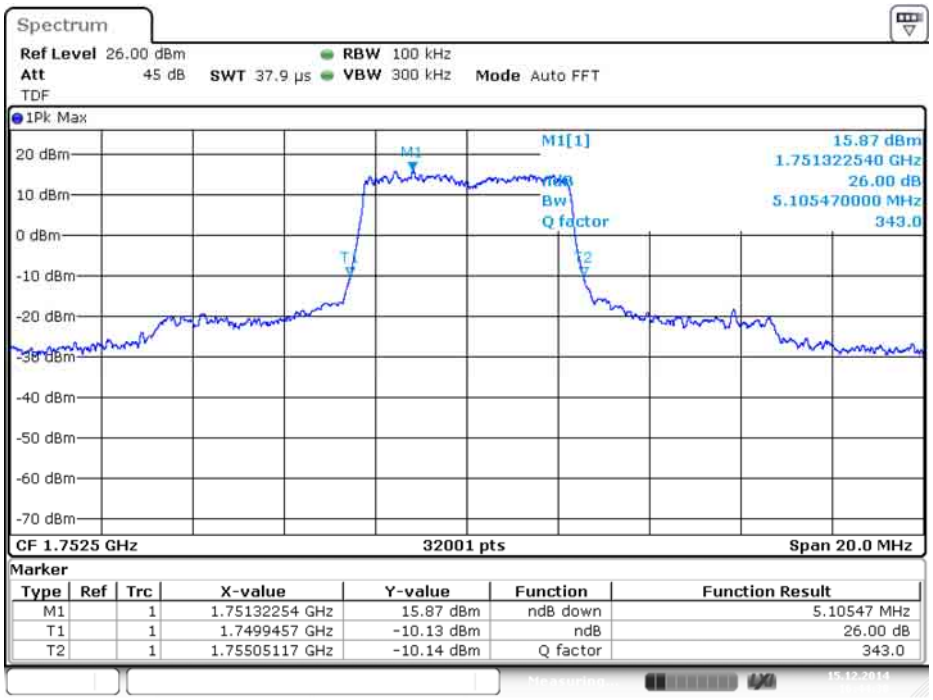
Emission bandwidth -26dB

LTE 4 QPSK BW5MHz High channel 20375 25RB-0



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75132254 GHz	15.87 dBm	ndB down	5.10547 MHz
T1		1	1.7499457 GHz	-10.13 dBm	ndB	26.00 dB
T2		1	1.75505117 GHz	-10.14 dBm	Q factor	343.0

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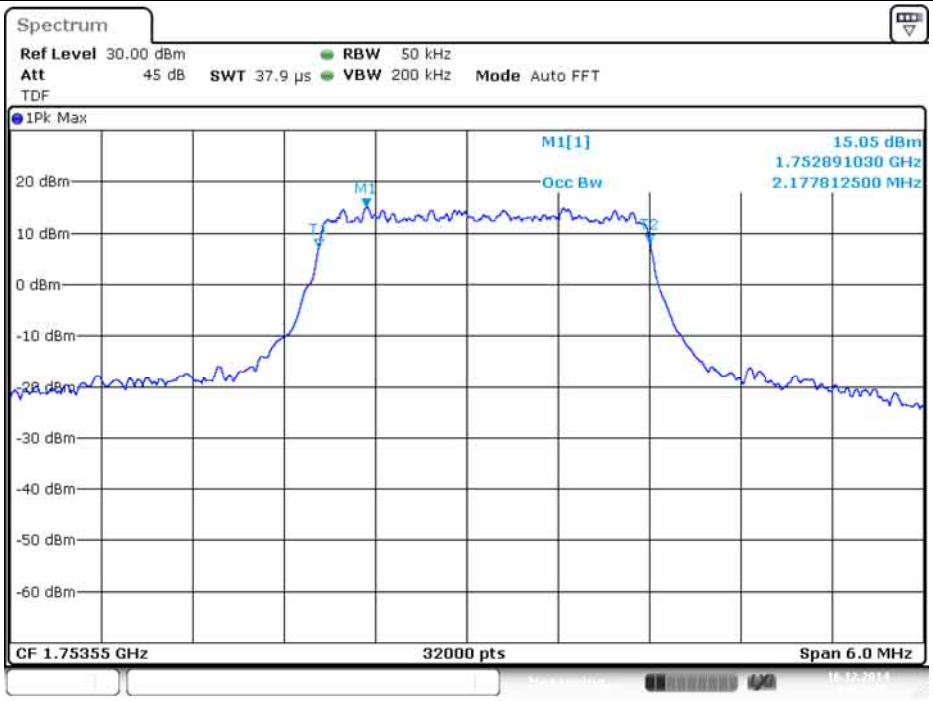
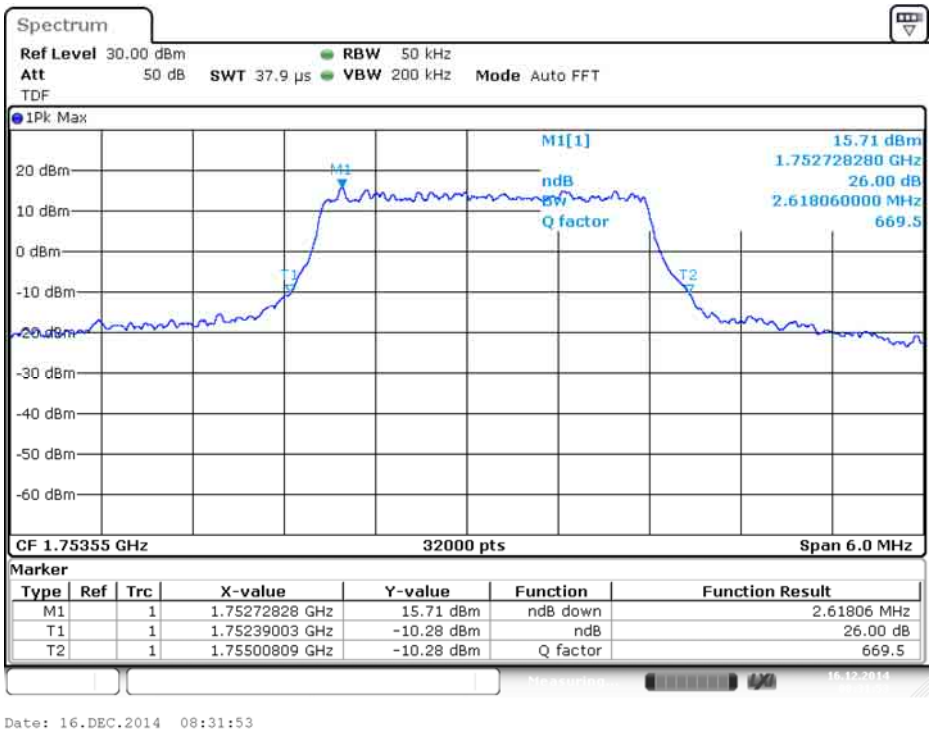
Occupied bandwidth 99%

LTE 4 16QAM BW5MHz High channel 20375 12RB-13



Emission bandwidth -26dB

LTE 4 16QAM BW5MHz High channel 20375 12RB-13



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75272828 GHz	15.71 dBm	ndB down	2.61806 MHz
T1		1	1.75239003 GHz	-10.28 dBm	ndB	26.00 dB
T2		1	1.75500809 GHz	-10.28 dBm	Q factor	669.5

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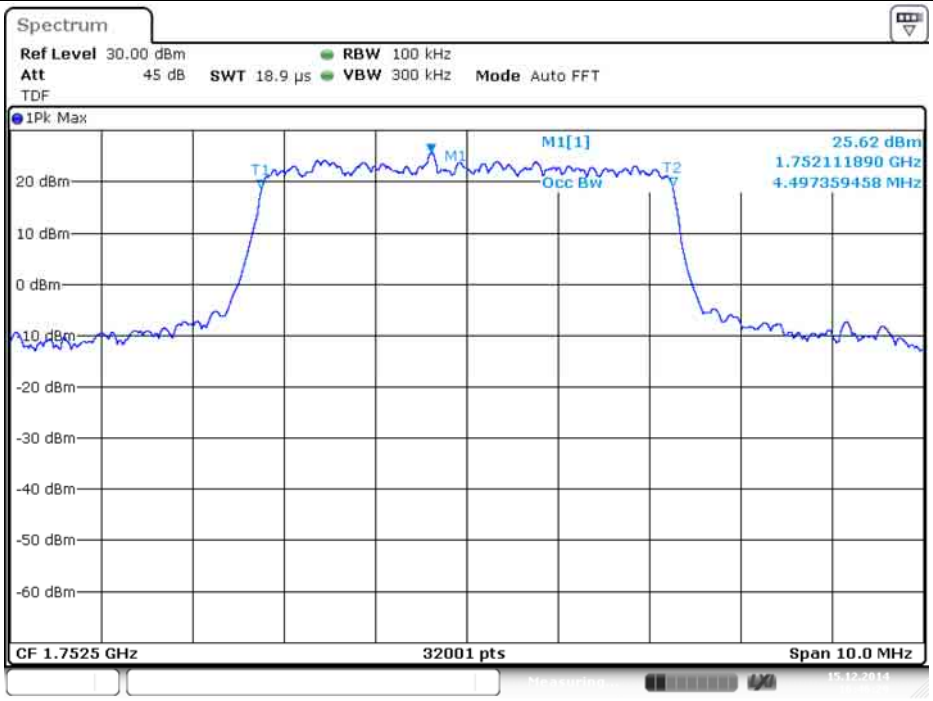
Occupied bandwidth 99%

LTE 4 16QAM BW5MHz High channel 20375 25RB-0



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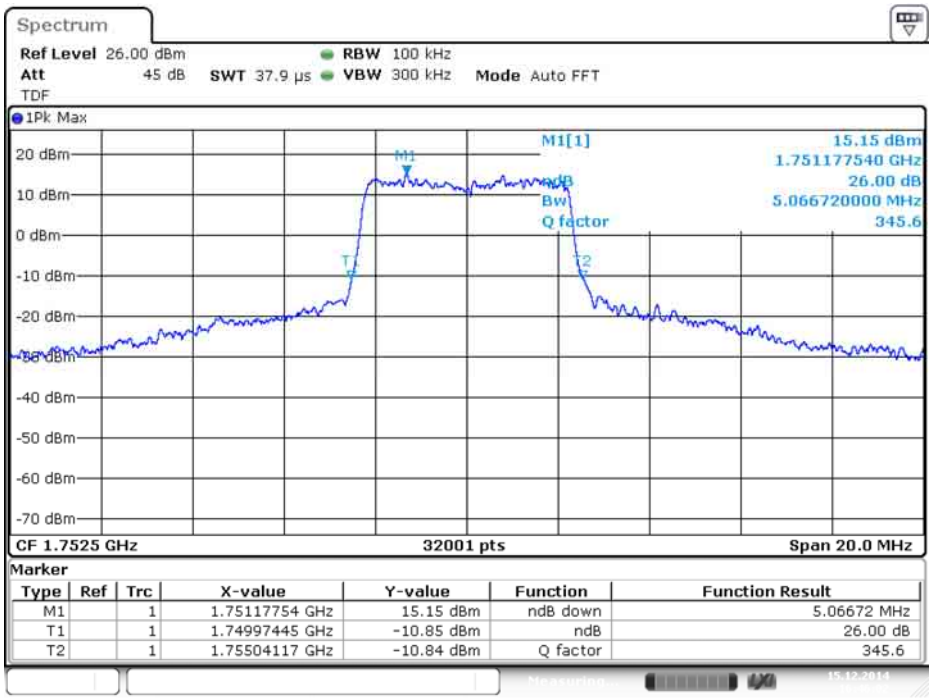
Emission bandwidth -26dB

LTE 4 16QAM BW5MHz High channel 20375 25RB-0



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75117754 GHz	15.15 dBm	ndB down	5.06672 MHz
T1		1	1.74997445 GHz	-10.85 dBm	ndB	26.00 dB
T2		1	1.75504117 GHz	-10.84 dBm	Q factor	345.6

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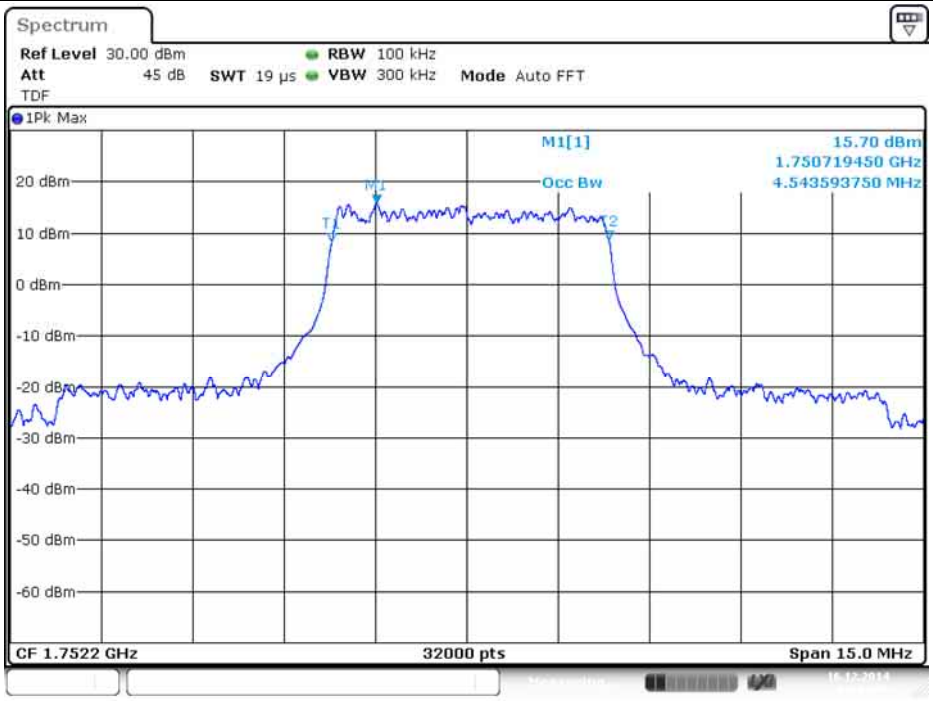
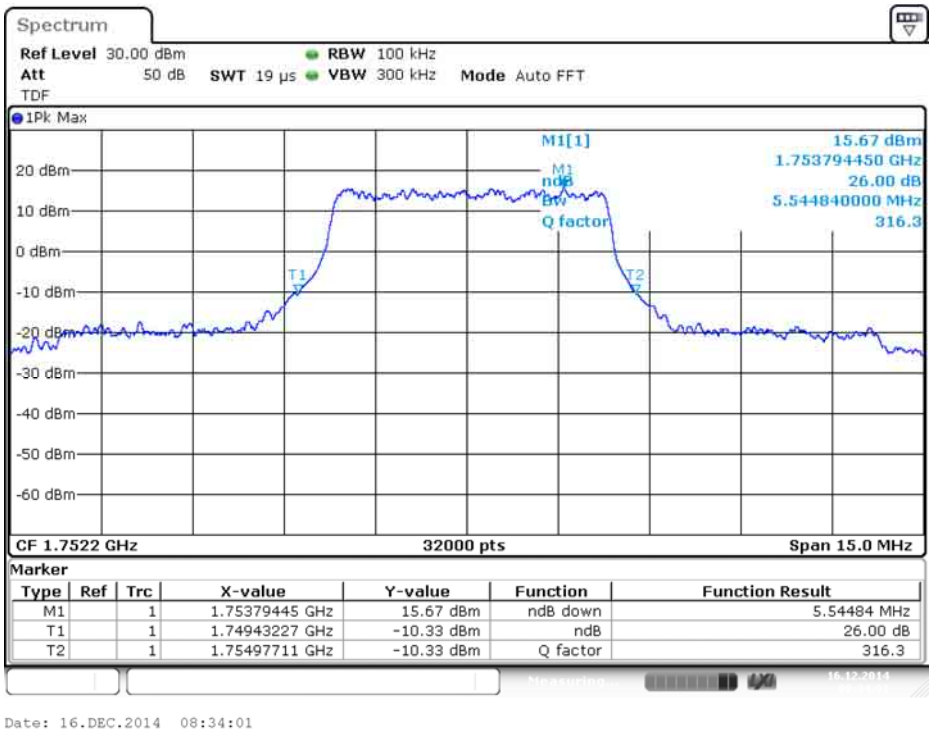
Occupied bandwidth 99%

LTE 4 QPSK BW10MHz High channel 20350 25RB-25



Emission bandwidth -26dB

LTE 4 QPSK BW10MHz High channel 20350 25RB-25



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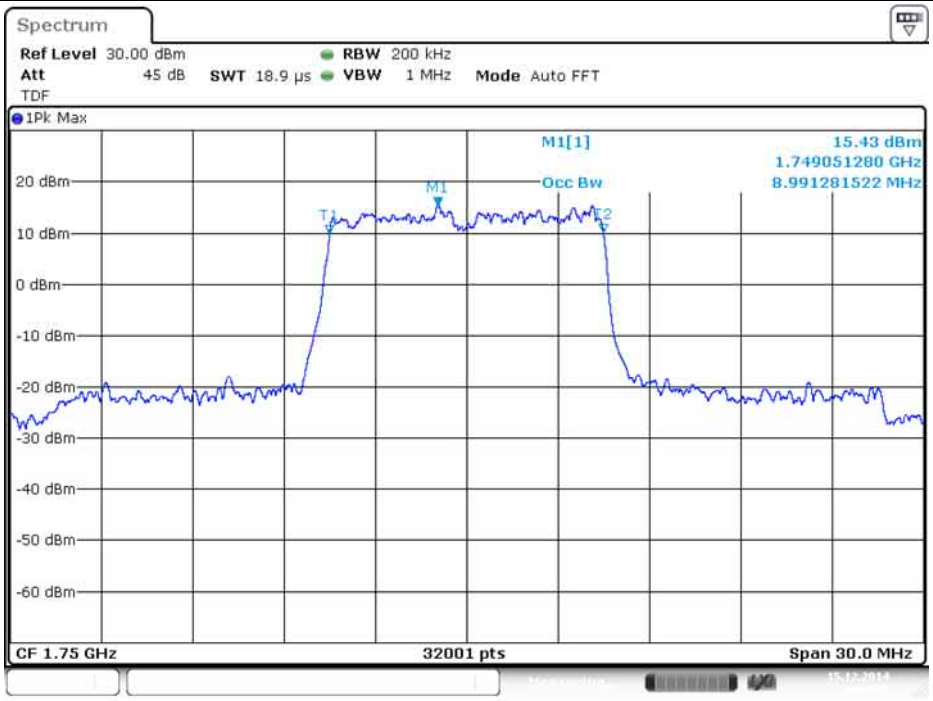
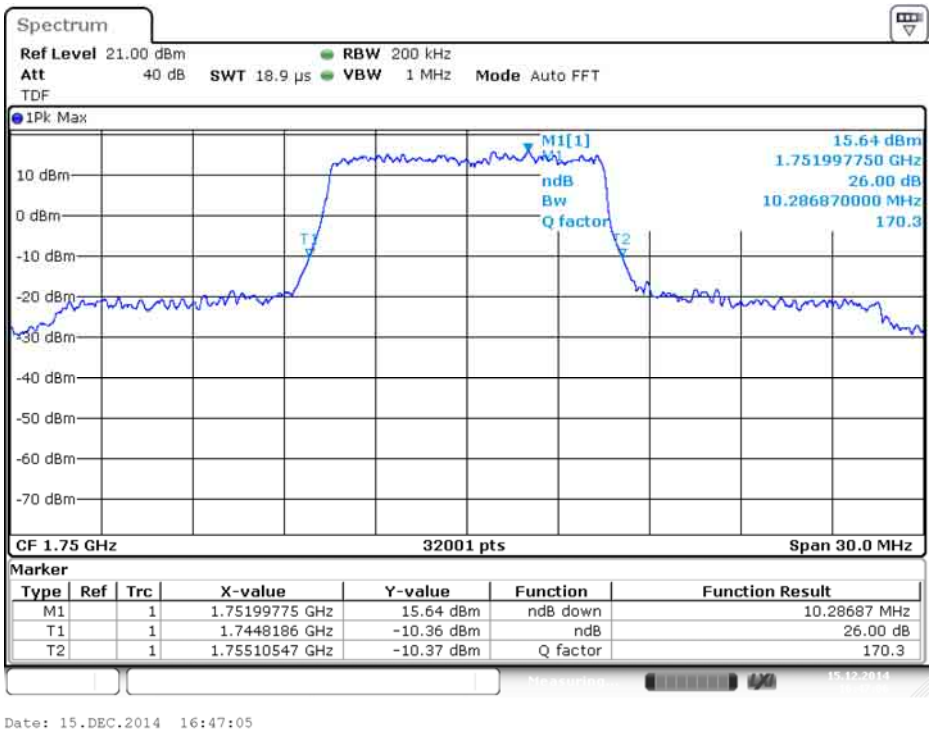
Occupied bandwidth 99%

LTE 4 QPSK BW10MHz High channel 20350 50RB-0



Emission bandwidth -26dB

LTE 4 QPSK BW10MHz High channel 20350 50RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75199775 GHz	15.64 dBm	ndB down	10.28687 MHz
T1		1	1.7448186 GHz	-10.36 dBm	ndB	26.00 dB
T2		1	1.75510547 GHz	-10.37 dBm	Q factor	170.3

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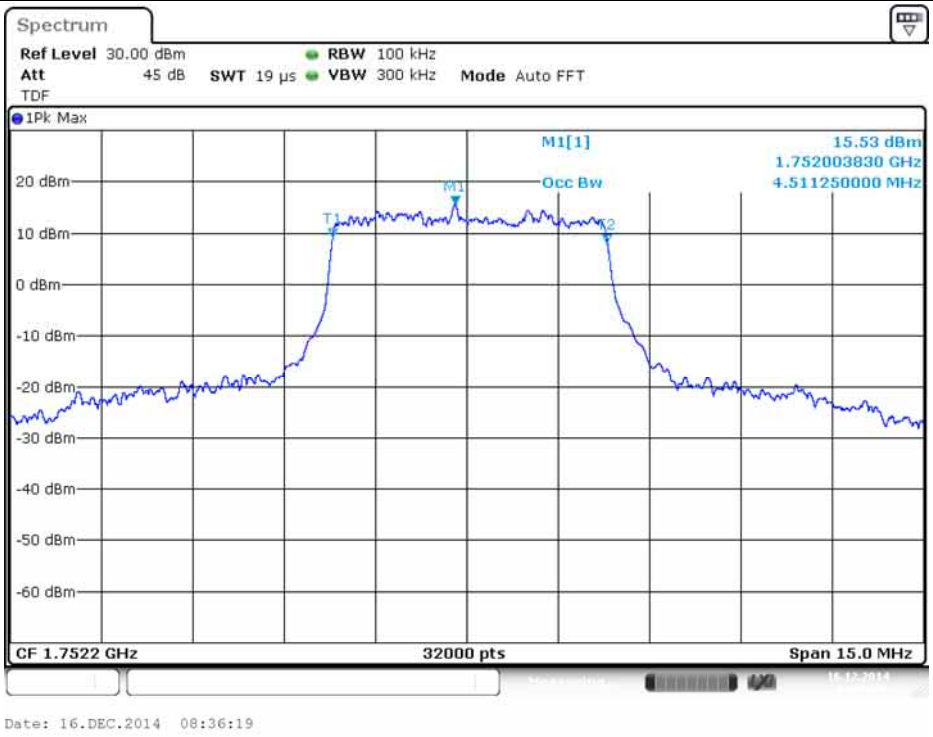
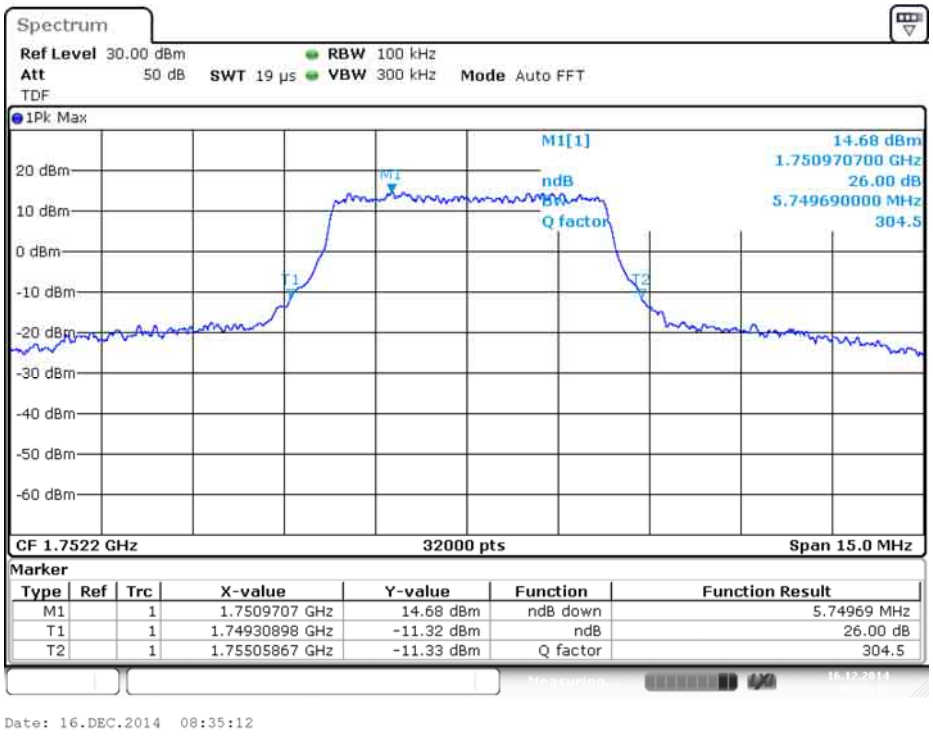
Occupied bandwidth 99%

LTE 4 16QAM BW10MHz High channel 20350 25RB-25



Emission bandwidth -26dB

LTE 4 16QAM BW10MHz High channel 20350 25RB-25



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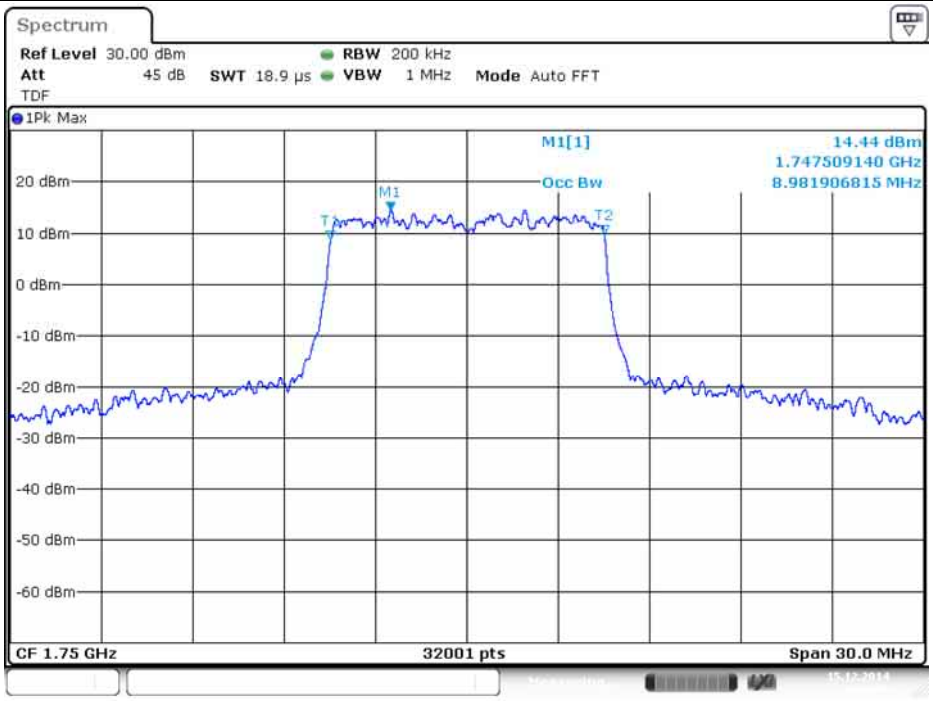
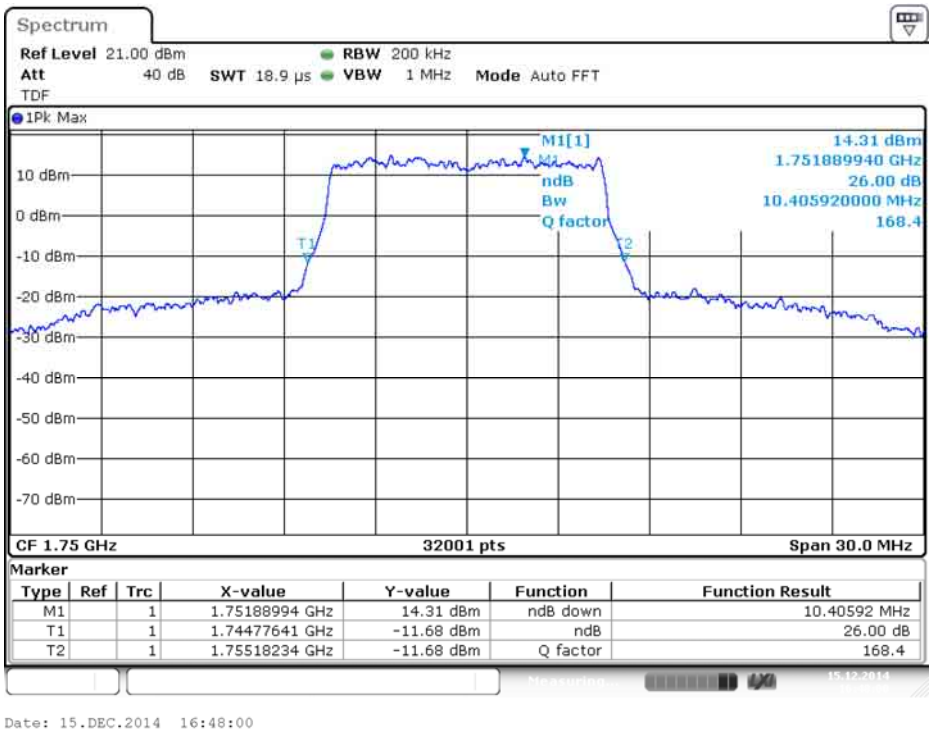
Occupied bandwidth 99%

LTE 4 16QAM BW10MHz High channel 20350 50RB-0



Emission bandwidth -26dB

LTE 4 16QAM BW10MHz High channel 20350 50RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75188994 GHz	14.31 dBm	ndB down	10.40592 MHz
T1		1	1.74477641 GHz	-11.68 dBm	ndB	26.00 dB
T2		1	1.75518234 GHz	-11.68 dBm	Q factor	168.4

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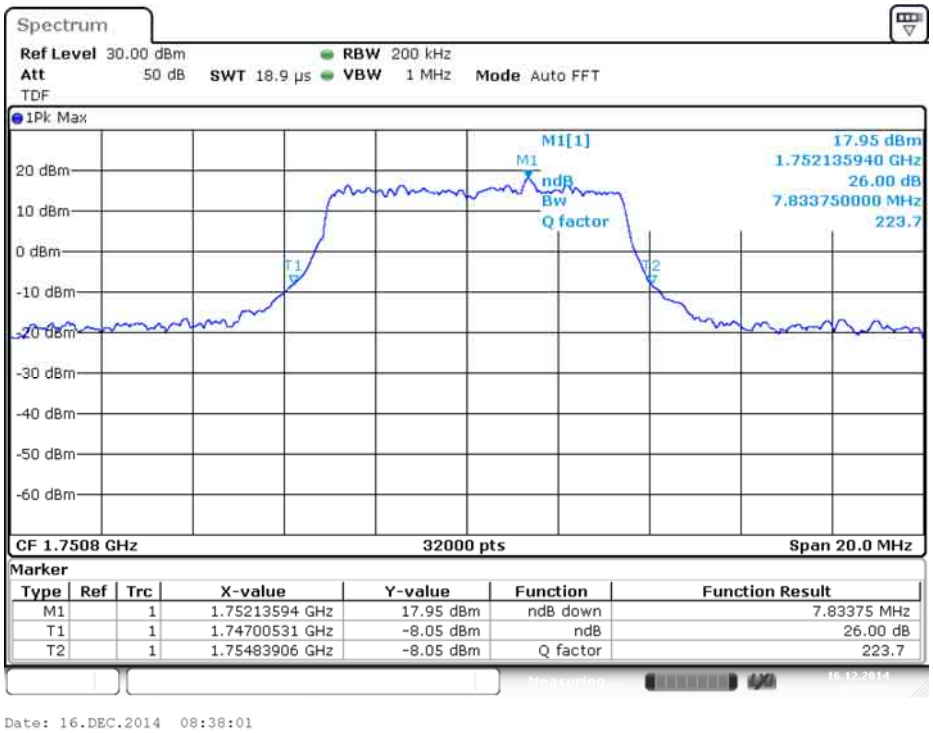
Occupied bandwidth 99%

LTE 4 QPSK BW15MHz High channel 20325 36RB-39

Emission bandwidth -26dB

LTE 4 QPSK BW15MHz High channel 20325 36RB-39



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75213594 GHz	17.95 dBm	ndB down	7.83375 MHz
T1		1	1.74700531 GHz	-8.05 dBm	ndB	26.00 dB
T2		1	1.75483906 GHz	-8.05 dBm	Q factor	223.7

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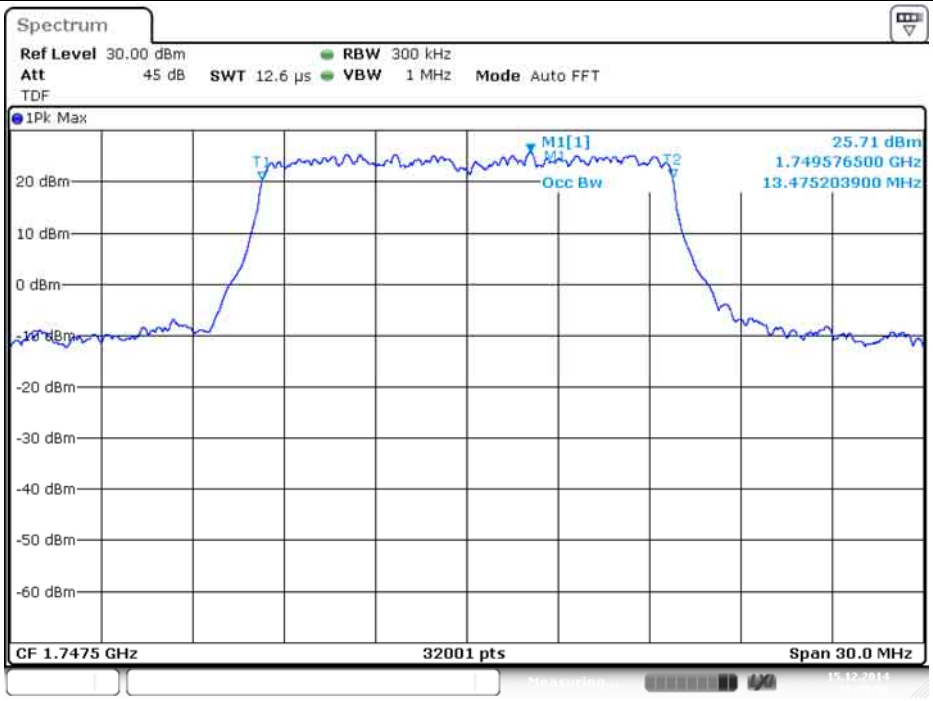
Occupied bandwidth 99%

LTE 4 QPSK BW15MHz High channel 20325 75RB-0



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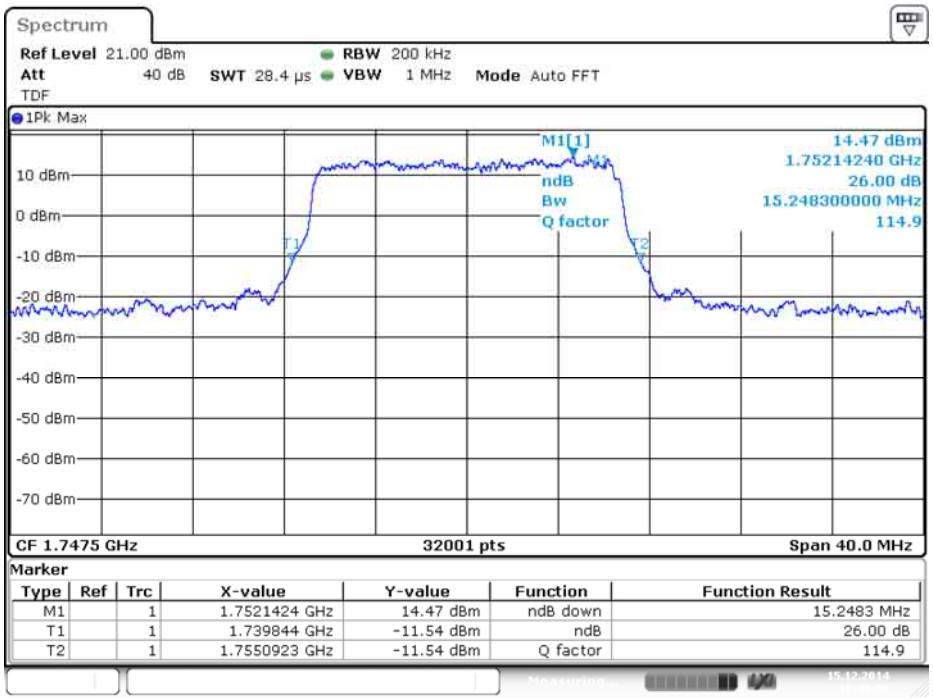
Emission bandwidth -26dB

LTE 4 QPSK BW15MHz High channel 20325 75RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7521424 GHz	14.47 dBm	ndB down	15.2483 MHz
T1		1	1.739844 GHz	-11.54 dBm	ndB	26.00 dB
T2		1	1.7550923 GHz	-11.54 dBm	Q factor	114.9

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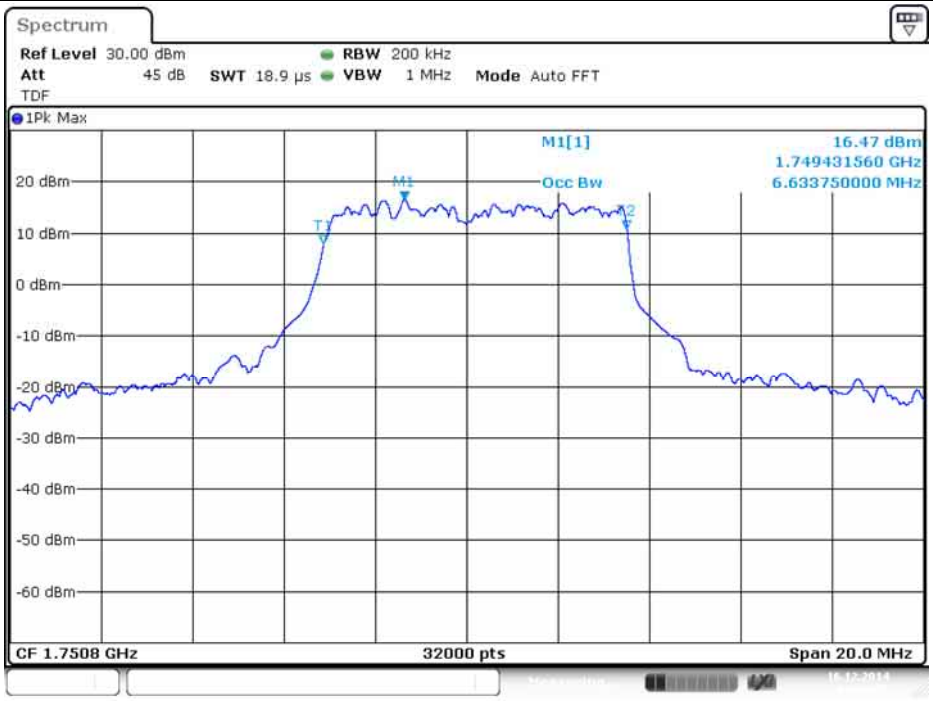
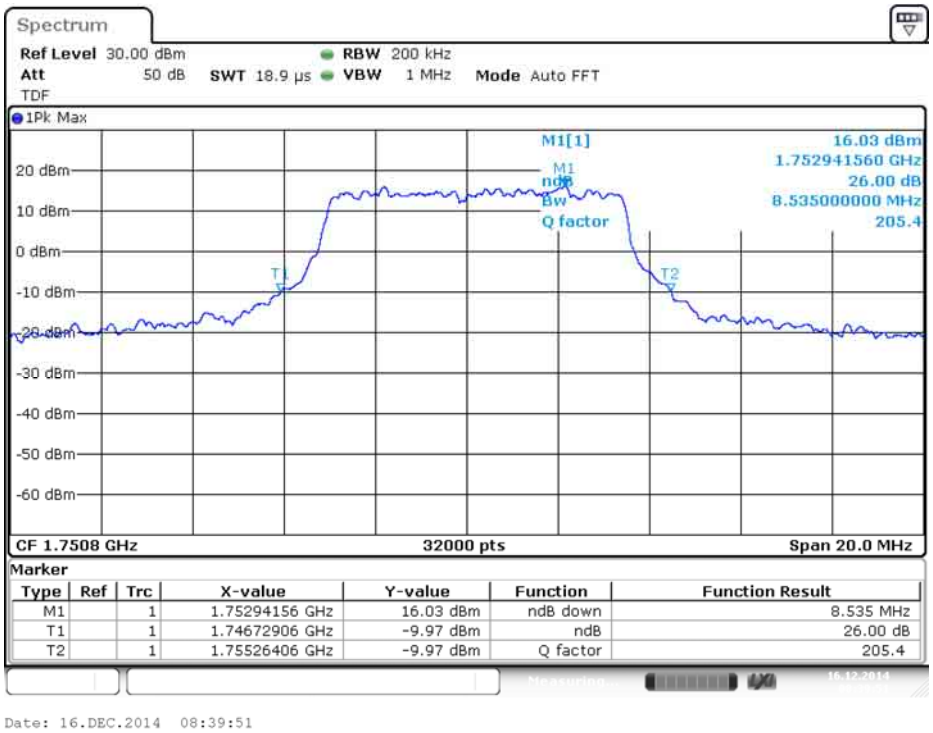
Occupied bandwidth 99%

LTE 4 16QAM BW15MHz High channel 20325 36RB-39



Emission bandwidth -26dB

LTE 4 16QAM BW15MHz High channel 20325 36RB-39



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Occupied bandwidth 99%

LTE 4 16QAM BW15MHz High channel 20325 75RB-0

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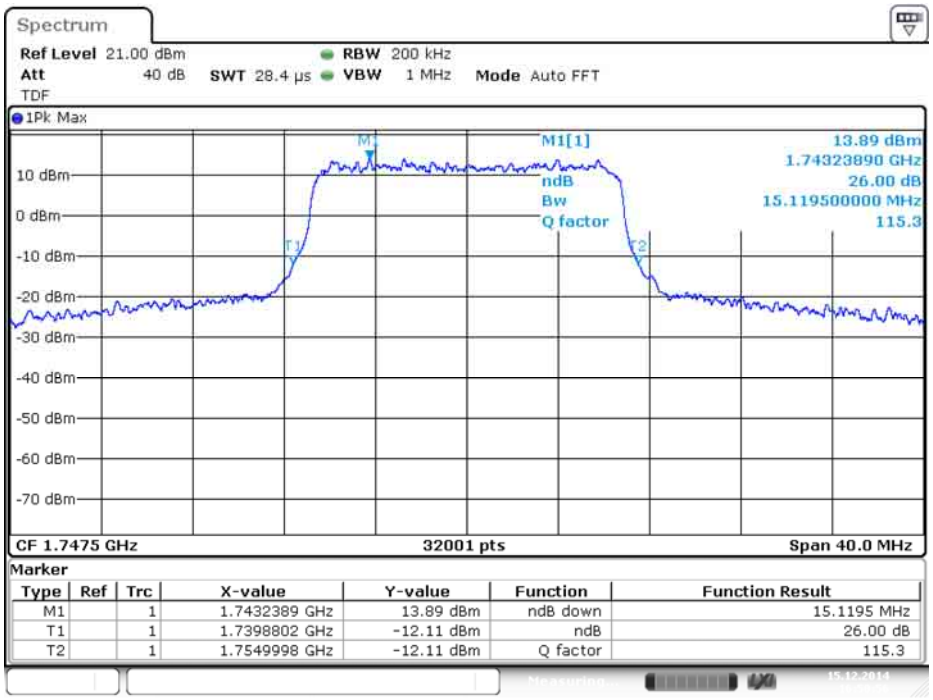
Emission bandwidth -26dB

LTE 4 16QAM BW15MHz High channel 20325 75RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7432389 GHz	13.89 dBm	ndB down	15.1195 MHz
T1		1	1.7398802 GHz	-12.11 dBm	ndB	26.00 dB
T2		1	1.7549998 GHz	-12.11 dBm	Q factor	115.3

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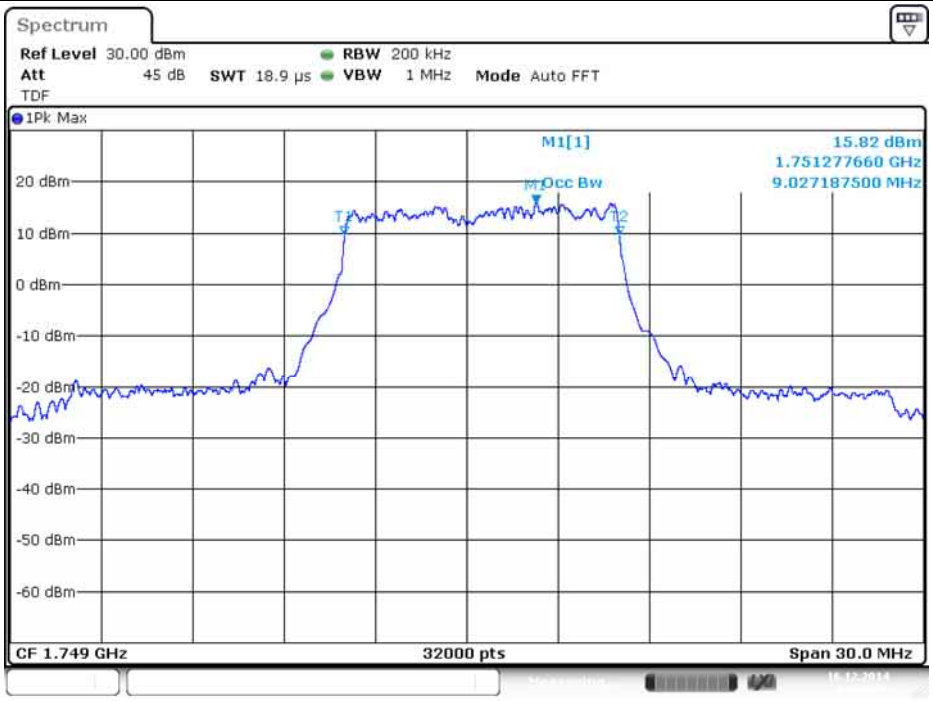
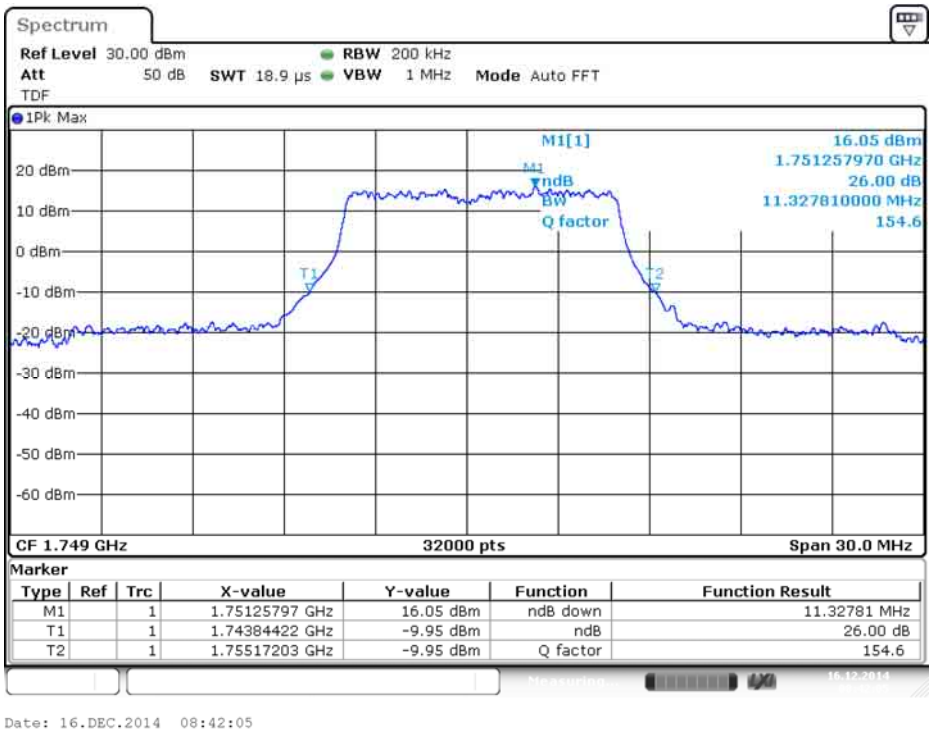
Occupied bandwidth 99%

LTE 4 QPSK BW20MHz High channel 20300 50RB-50



Emission bandwidth -26dB

LTE 4 QPSK BW20MHz High channel 20300 50RB-50



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75125797 GHz	16.05 dBm	ndB down	11.32781 MHz
T1		1	1.74384422 GHz	-9.95 dBm	ndB	26.00 dB
T2		1	1.75517203 GHz	-9.95 dBm	Q factor	154.6

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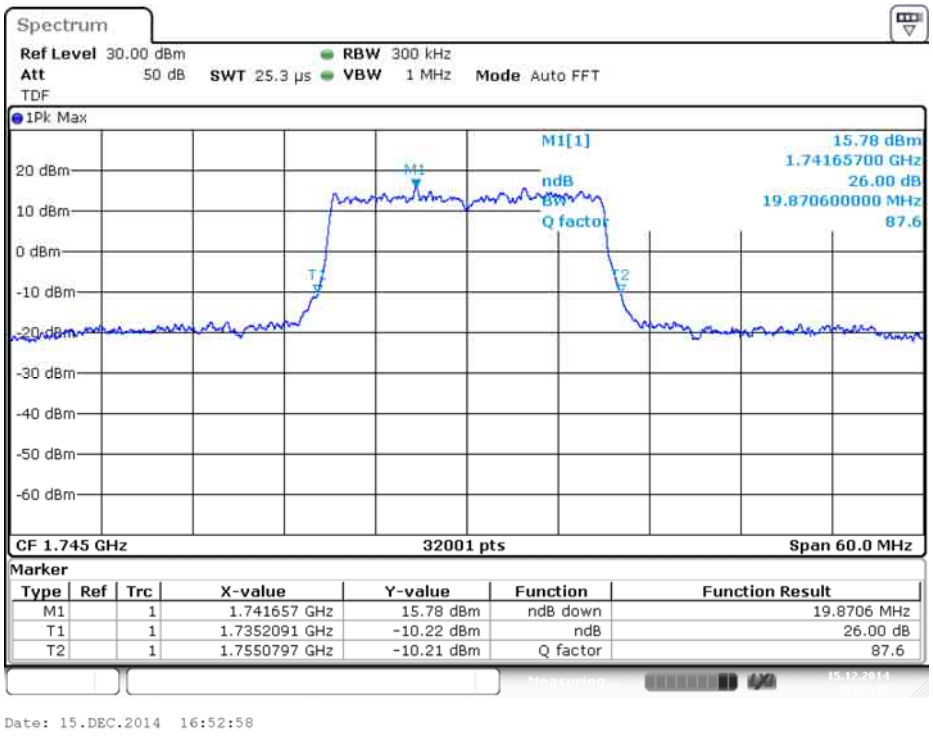
Occupied bandwidth 99%

LTE 4 QPSK BW20MHz High channel 20300 100RB-0

Emission bandwidth -26dB

LTE 4 QPSK BW20MHz High channel 20300 100RB-0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.741657 GHz	15.78 dBm	ndB down	19.8706 MHz
T1		1	1.7352091 GHz	-10.22 dBm	ndB	26.00 dB
T2		1	1.7550797 GHz	-10.21 dBm	Q factor	87.6

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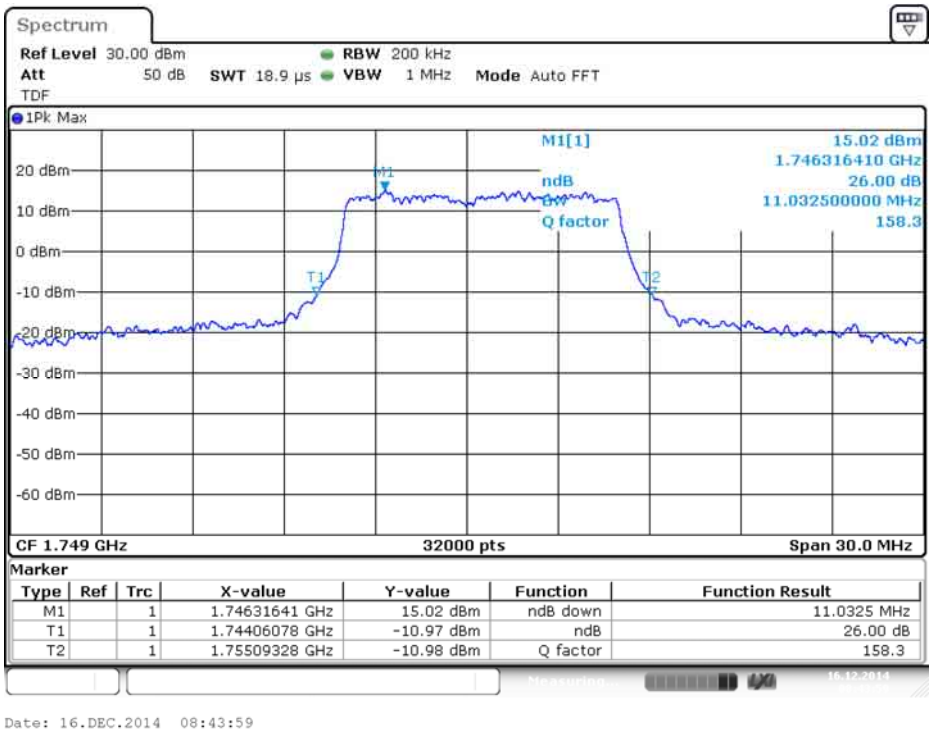
Occupied bandwidth 99%

LTE 4 16QAM BW20MHz High channel 20300 50RB-50

Emission bandwidth -26dB

LTE 4 16QAM BW20MHz High channel 20300 50RB-50



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74631641 GHz	15.02 dBm	ndB down	11.0325 MHz
T1		1	1.74406078 GHz	-10.97 dBm	ndB	26.00 dB
T2		1	1.75509328 GHz	-10.98 dBm	Q factor	158.3

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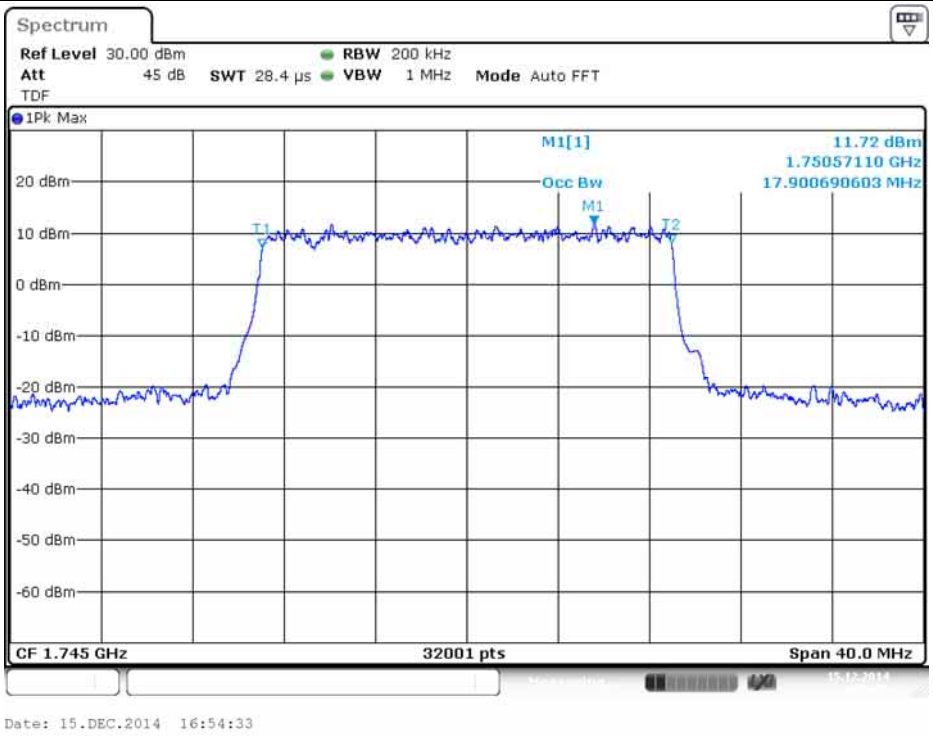
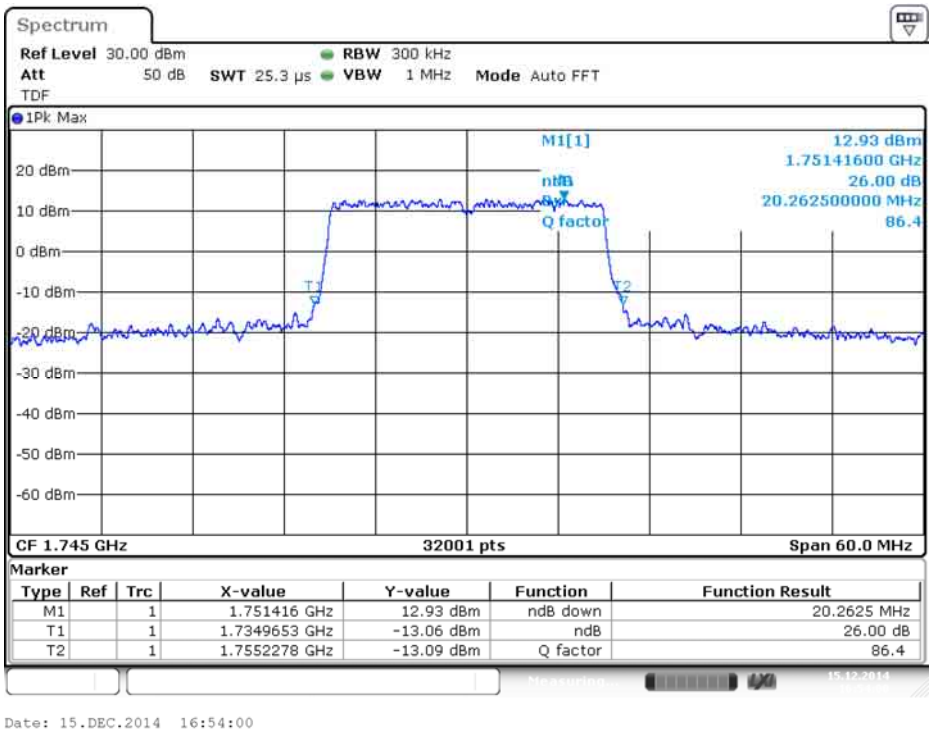
Occupied bandwidth 99%

LTE 4 16QAM BW20MHz High channel 20300 100RB-0



Emission bandwidth -26dB

LTE 4 16QAM BW20MHz High channel 20300 100RB-0



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