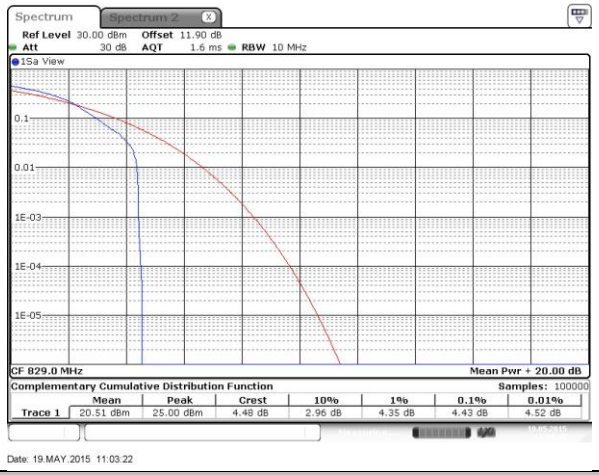
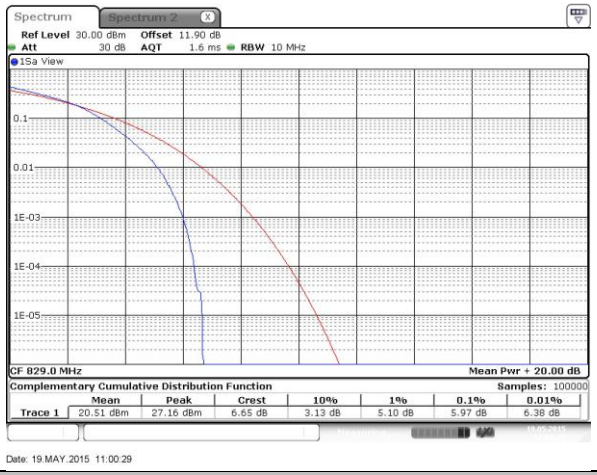
LTE Band 5 / 10MHz / 16QAM

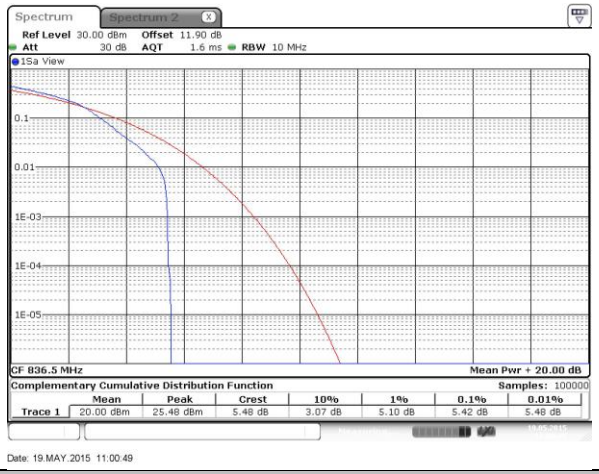
Lowest Channel / 1RB



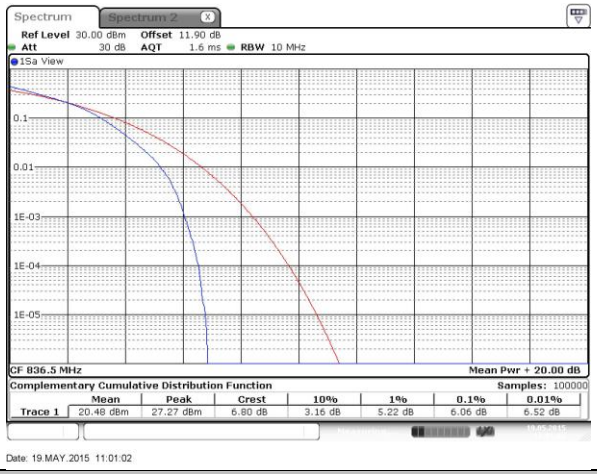
Lowest Channel / Full RB



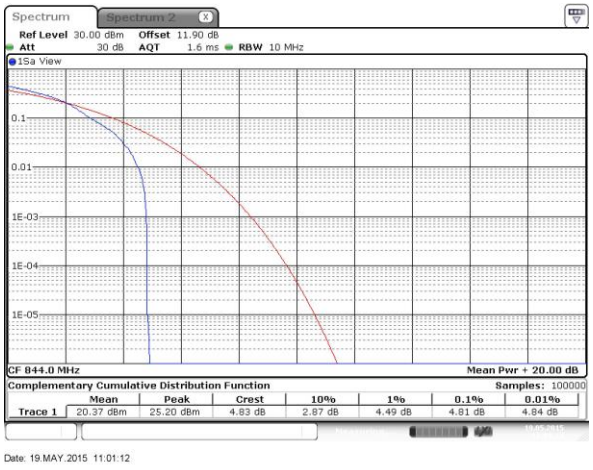
Middle Channel / 1RB



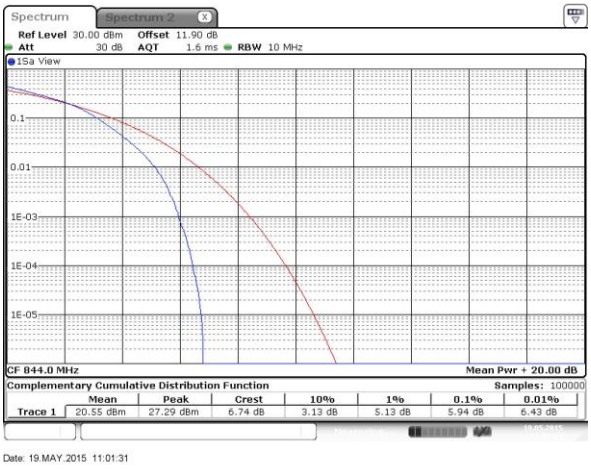
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

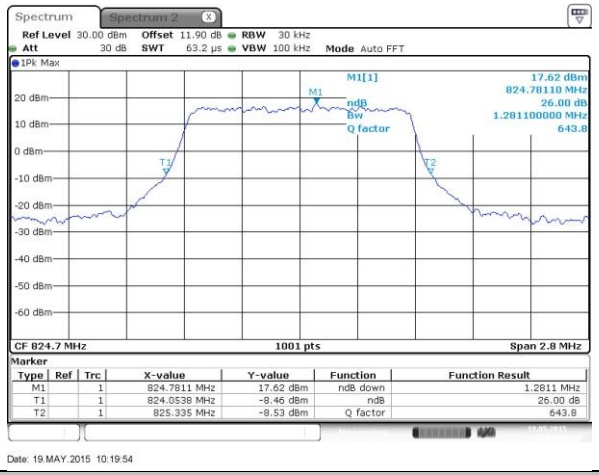


26dB Bandwidth

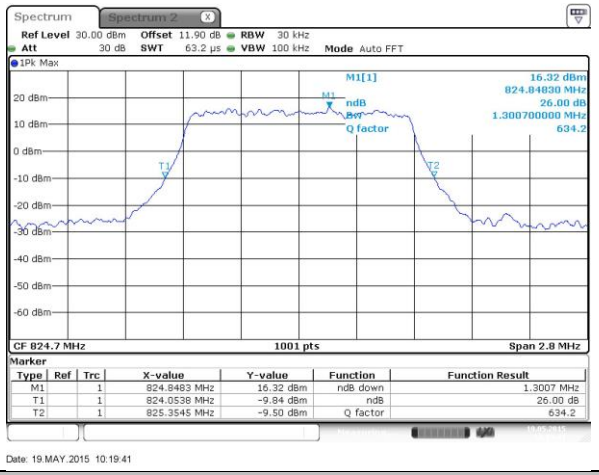
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.28	1.30	3.05	3.05	5.02	5.06	10.07	9.95	-	-	-	-
Middle CH	1.29	1.30	3.06	3.06	5.05	5.06	9.99	10.07	-	-	-	-
Highest CH	1.28	1.30	3.05	3.05	5.04	5.03	9.99	10.01	-	-	-	-

LTE Band 5

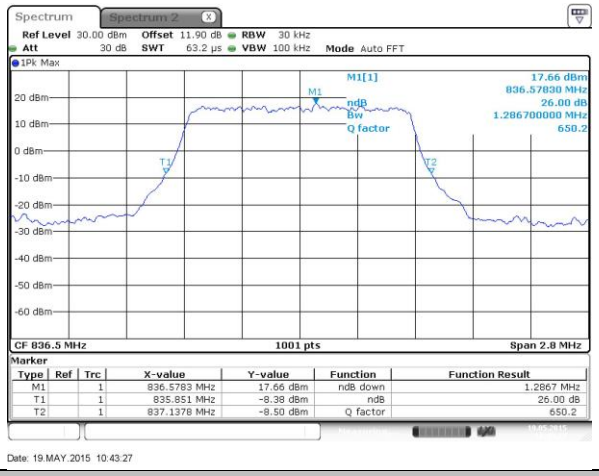
Lowest Channel / 1.4MHz / QPSK



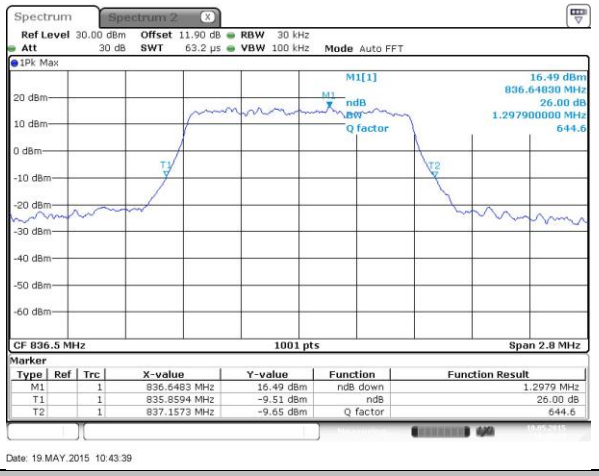
Lowest Channel / 1.4MHz / 16QAM



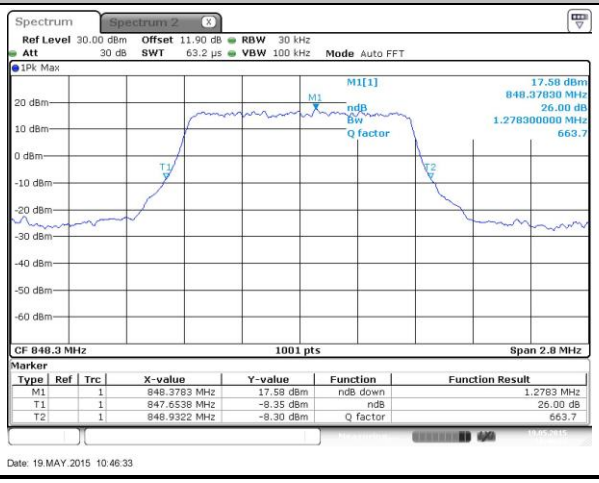
Middle Channel / 1.4MHz / QPSK



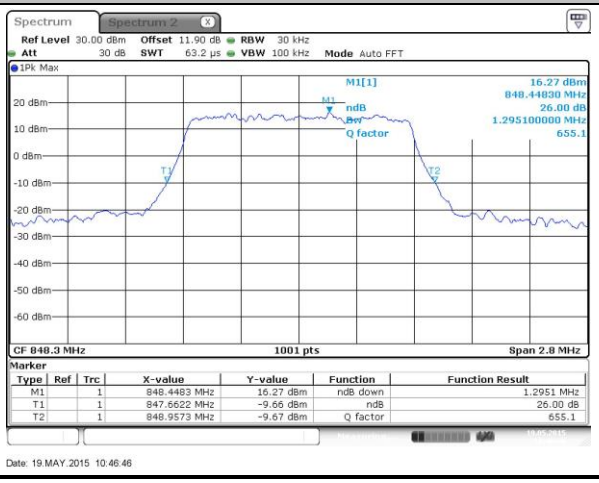
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

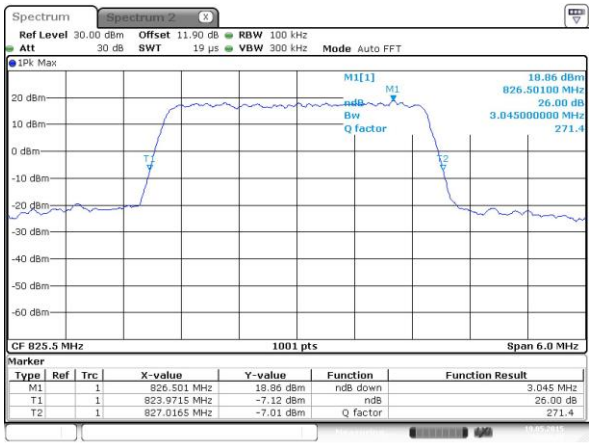


Highest Channel / 1.4MHz / 16QAM

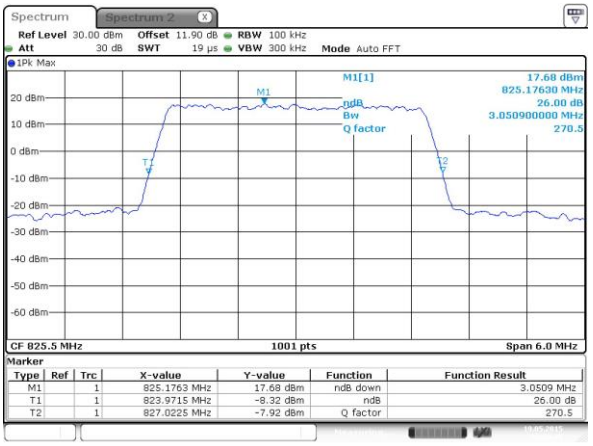


LTE Band 5

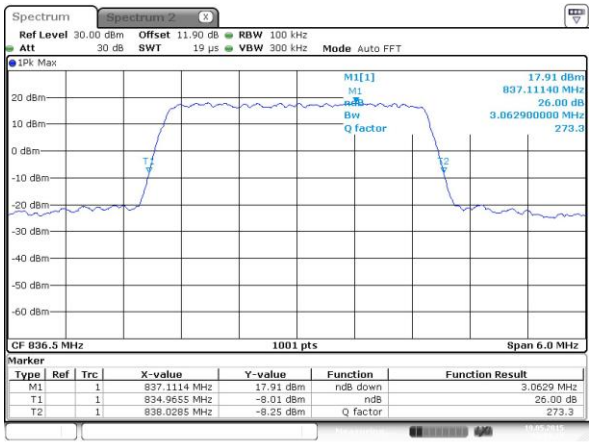
Lowest Channel / 3MHz / QPSK



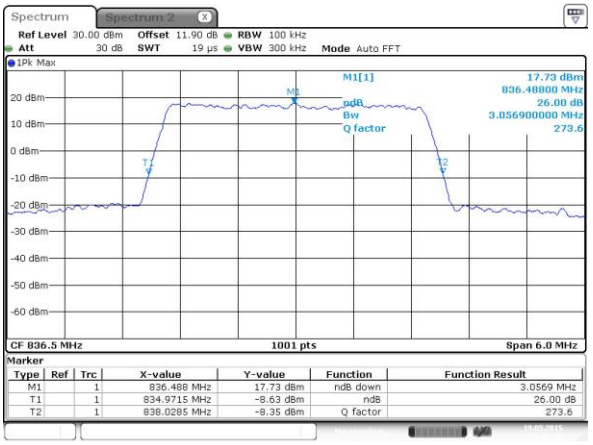
Lowest Channel / 3MHz / 16QAM



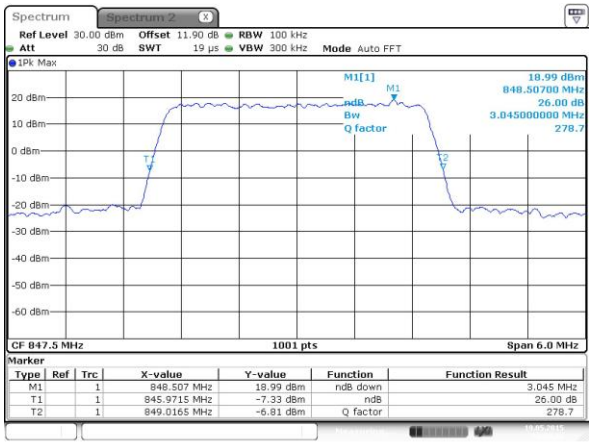
Middle Channel / 3MHz / QPSK



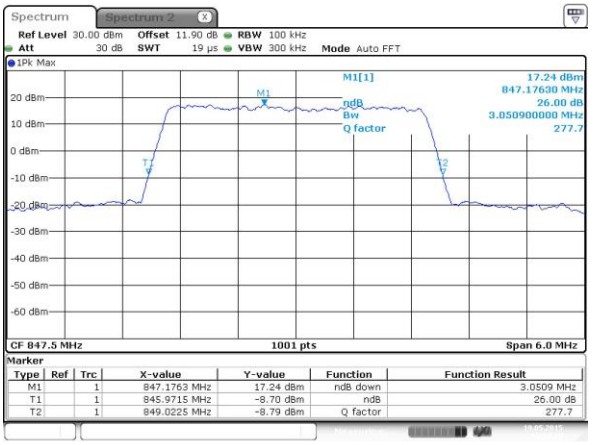
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

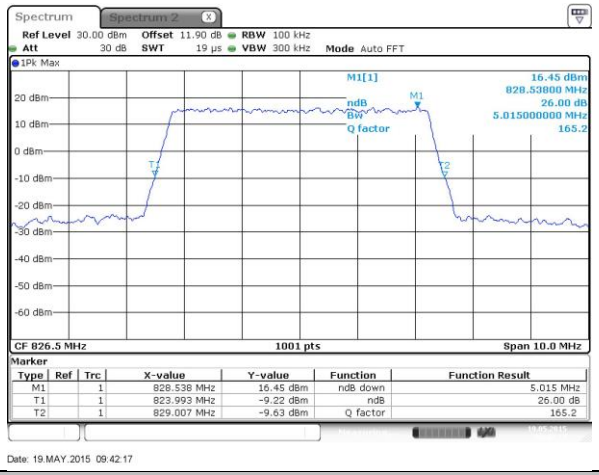


Highest Channel /3MHz / 16QAM

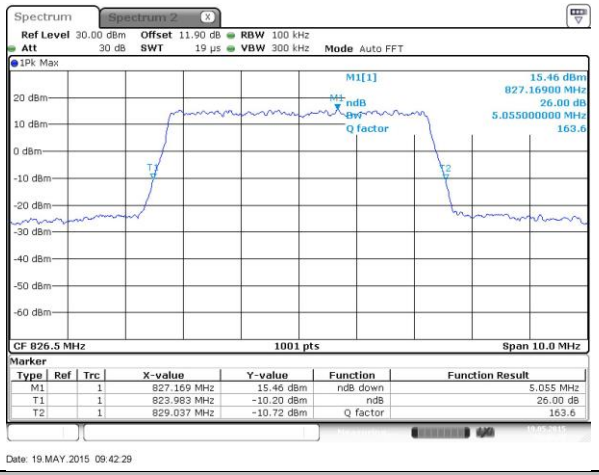


LTE Band 5

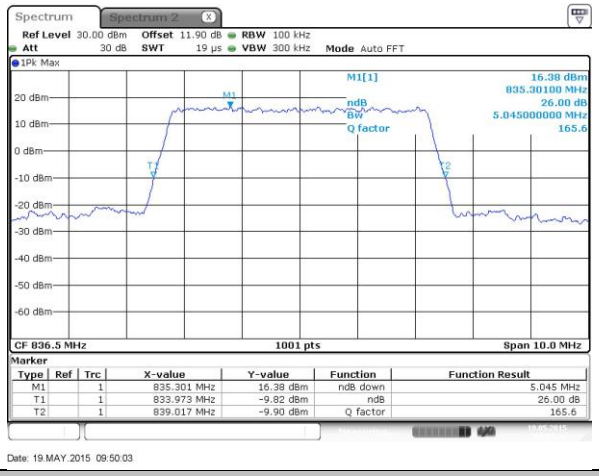
Lowest Channel / 5MHz / QPSK



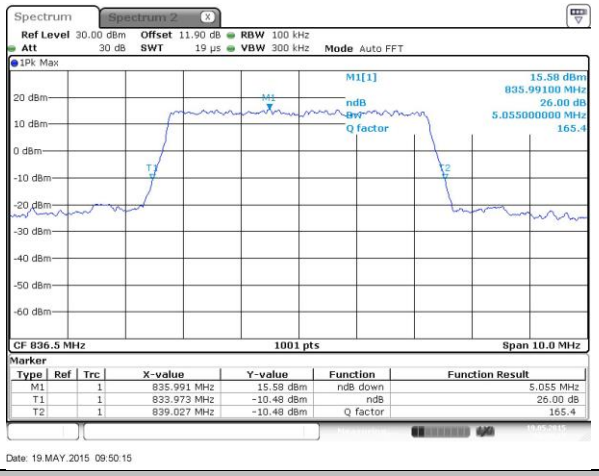
Lowest Channel / 5MHz / 16QAM



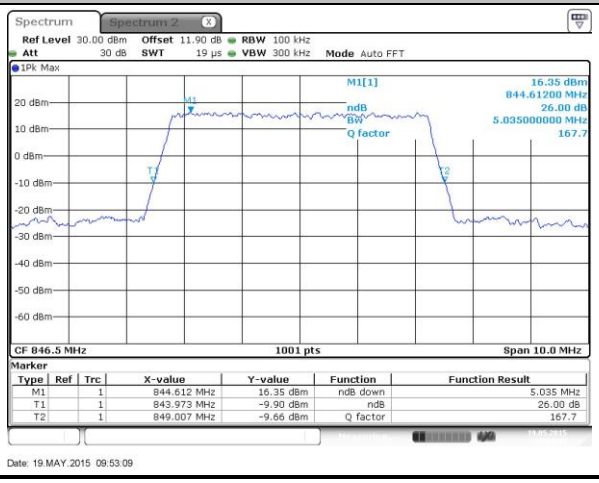
Middle Channel / 5MHz / QPSK



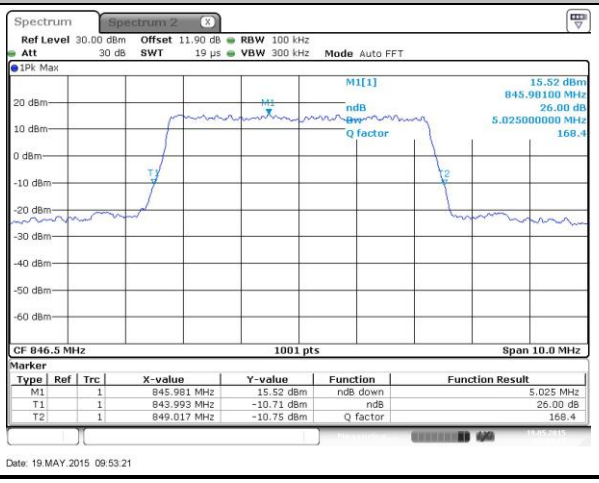
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

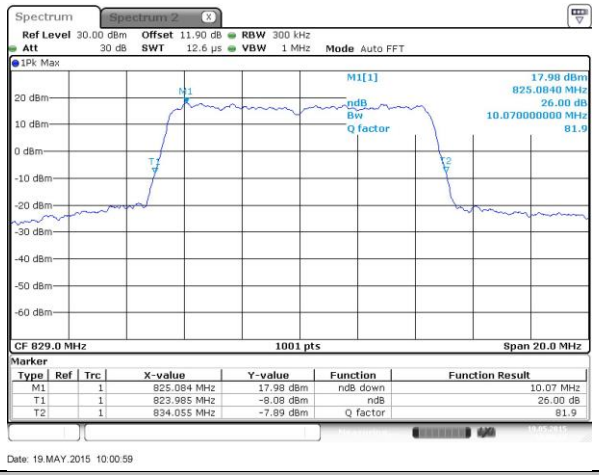


Highest Channel / 5MHz / 16QAM

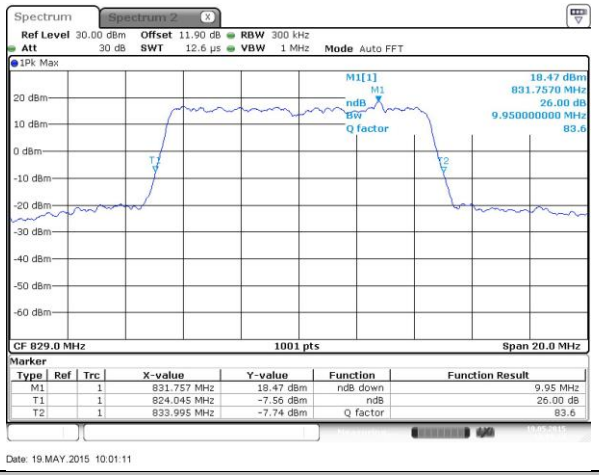


LTE Band 5

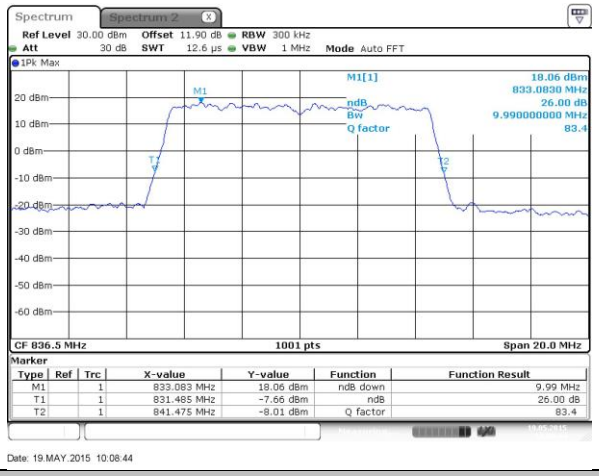
Lowest Channel / 10MHz / QPSK



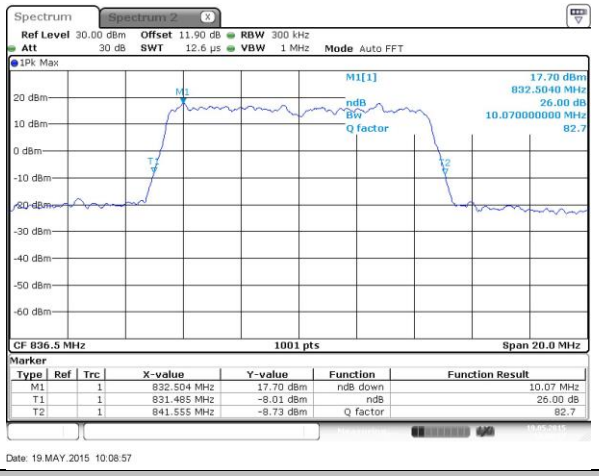
Lowest Channel / 10MHz / 16QAM



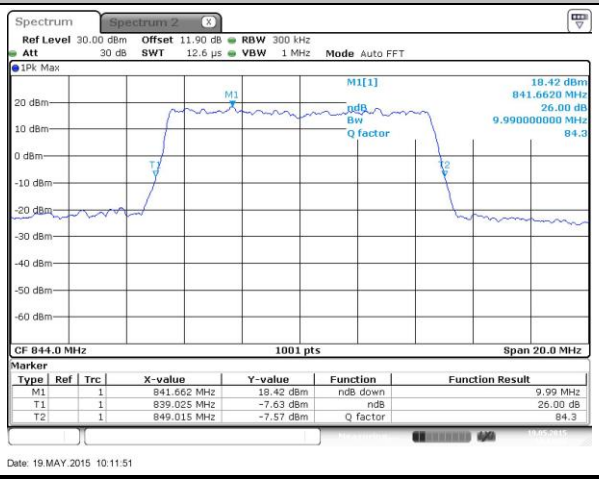
Middle Channel / 10MHz / QPSK



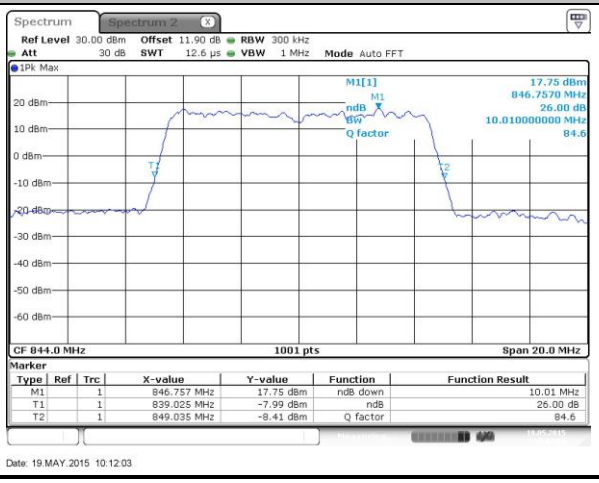
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

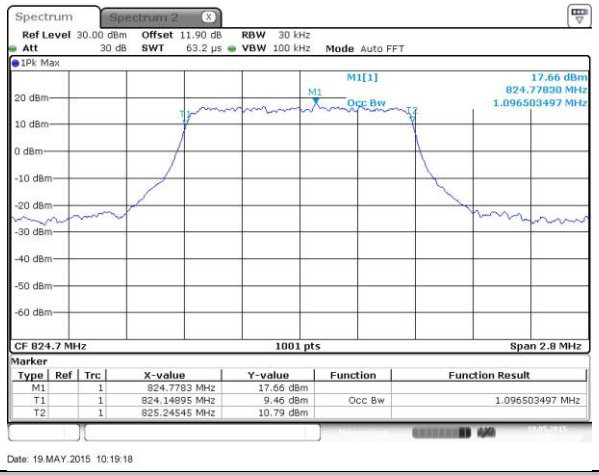


Occupied Bandwidth

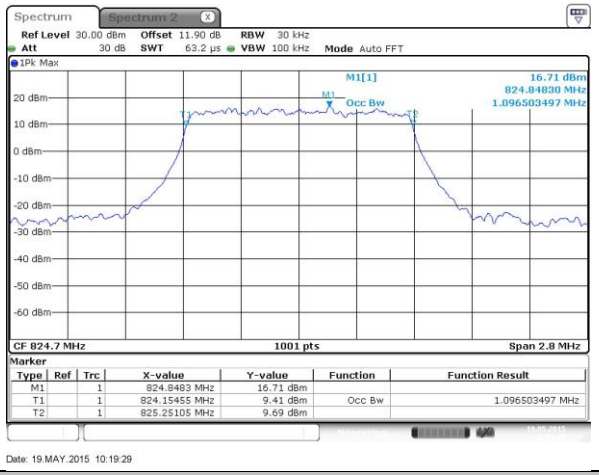
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.10	2.73	2.72	4.51	4.50	9.09	9.05	-	-	-	-
Middle CH	1.10	1.10	2.73	2.72	4.51	4.51	9.07	9.03	-	-	-	-
Highest CH	1.09	1.10	2.73	2.72	4.51	4.51	9.09	9.05	-	-	-	-

LTE Band 5

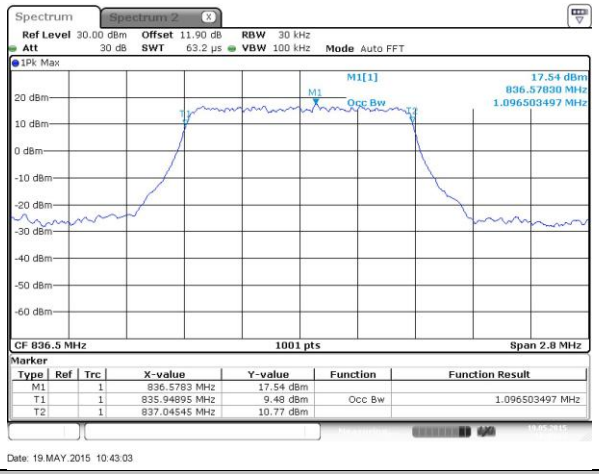
Lowest Channel / 1.4MHz / QPSK



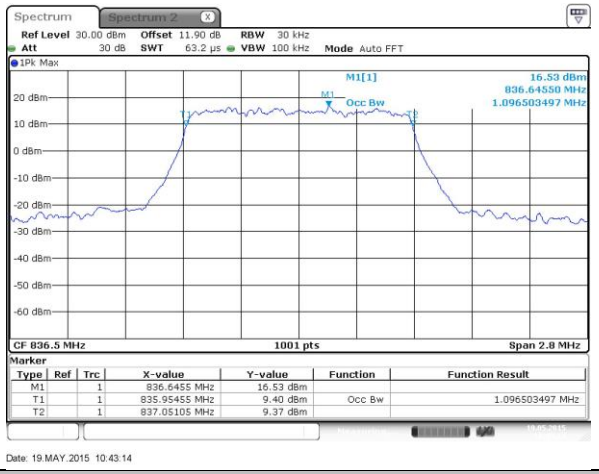
Lowest Channel / 1.4MHz / 16QAM



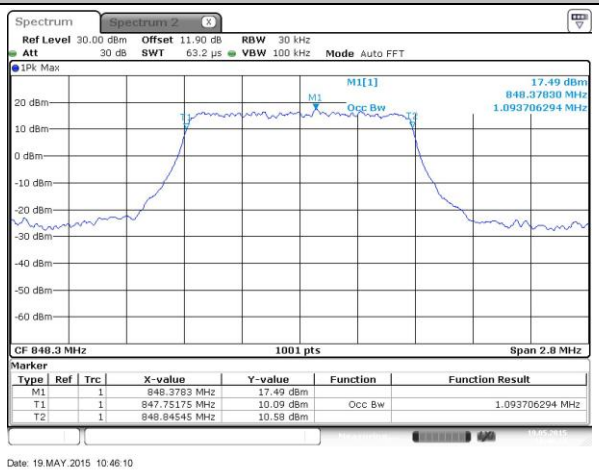
Middle Channel / 1.4MHz / QPSK



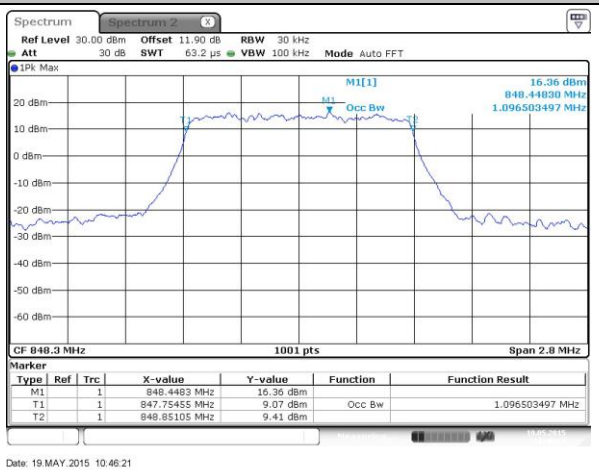
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

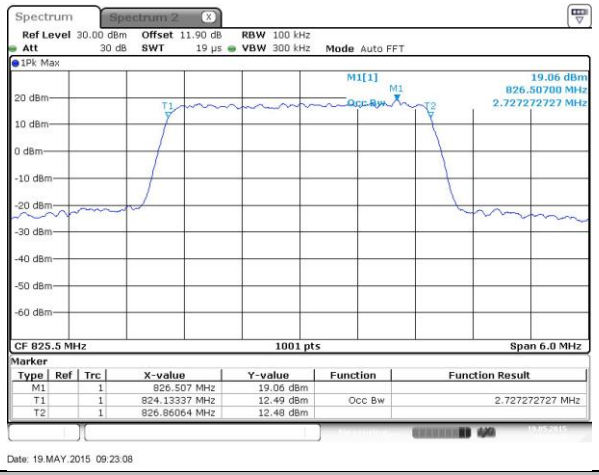


Highest Channel / 1.4MHz / 16QAM

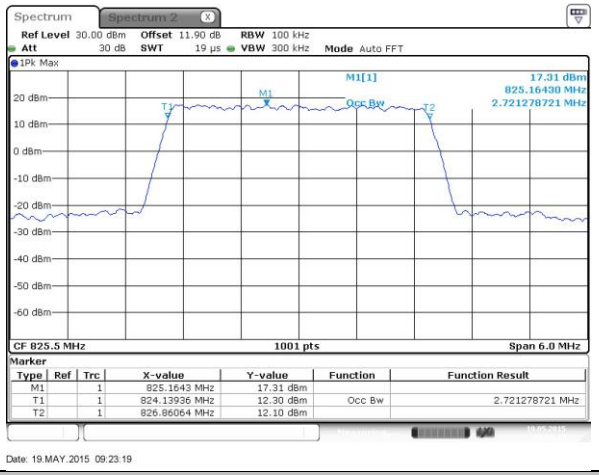


LTE Band 5

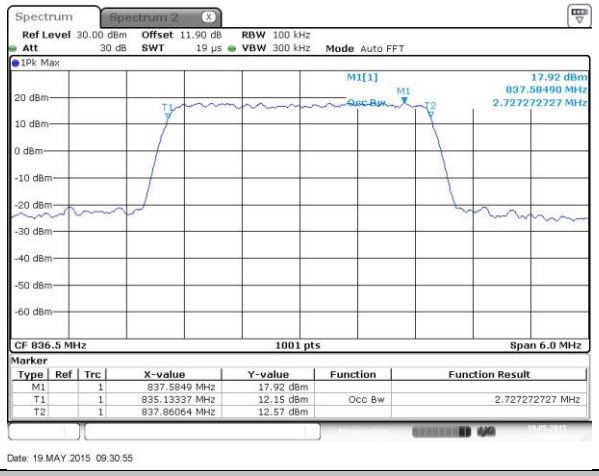
Lowest Channel / 3MHz / QPSK



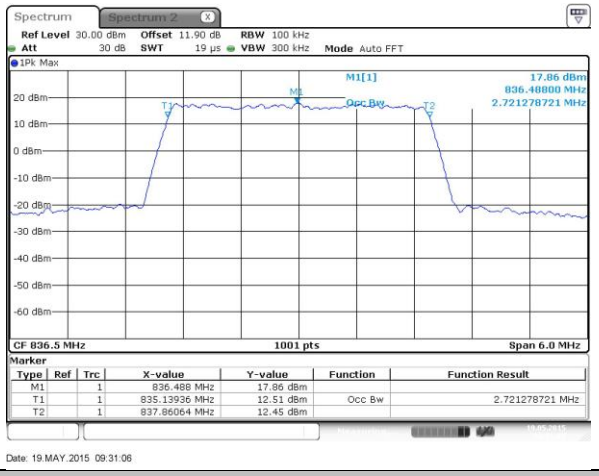
Lowest Channel / 3MHz / 16QAM



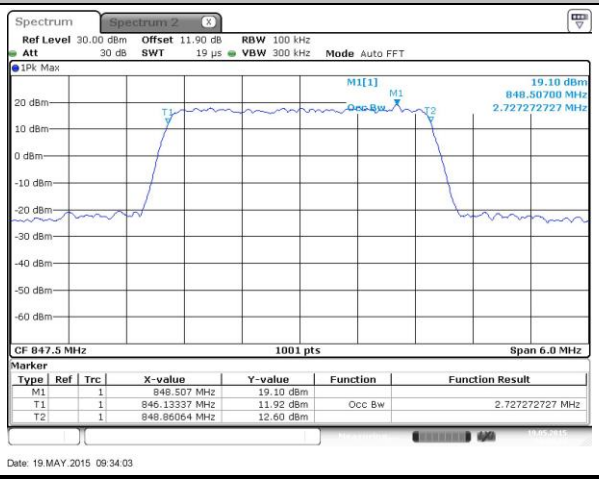
Middle Channel / 3MHz / QPSK



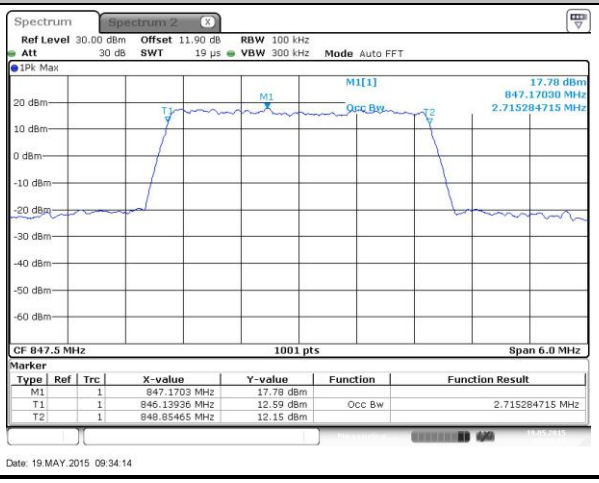
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

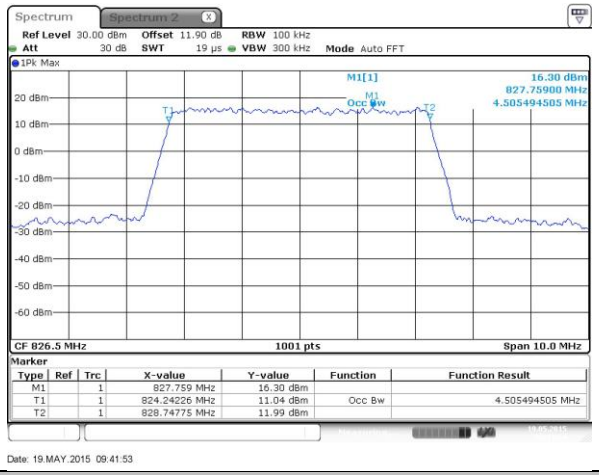


Highest Channel / 3MHz / 16QAM

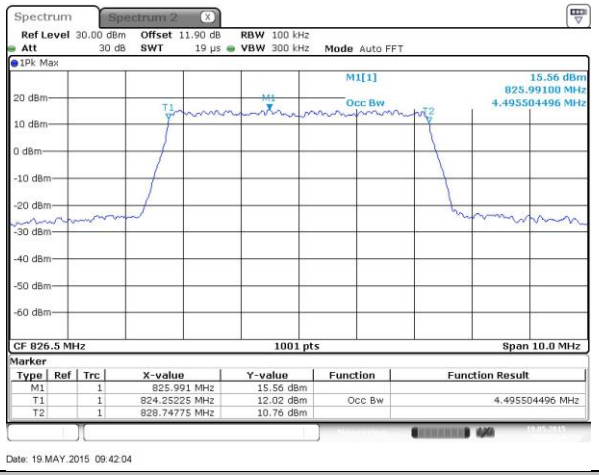


LTE Band 5

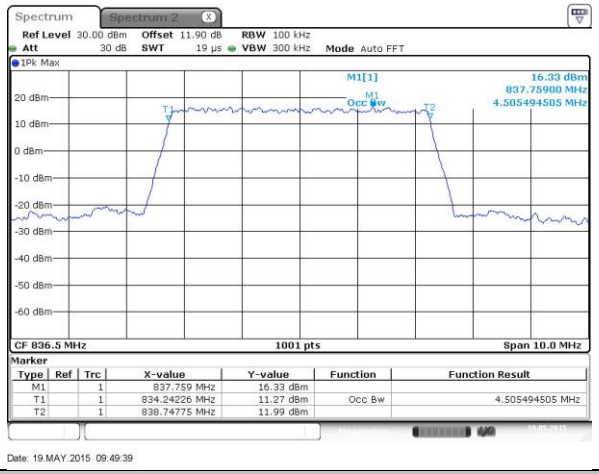
Lowest Channel / 5MHz / QPSK



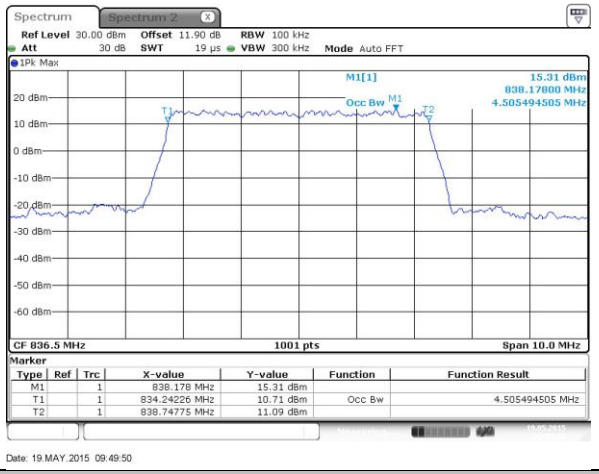
Lowest Channel / 5MHz / 16QAM



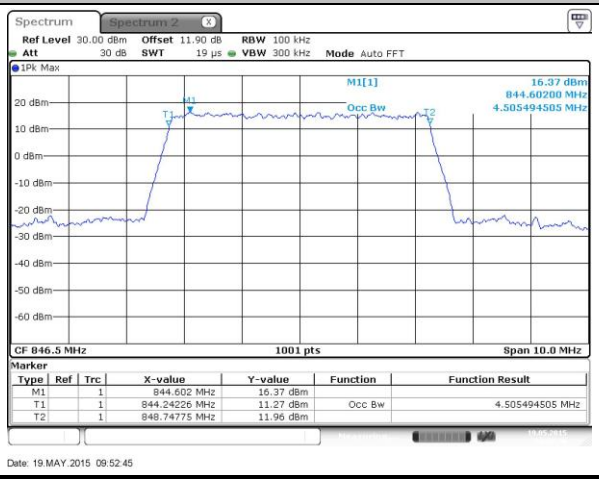
Middle Channel / 5MHz / QPSK



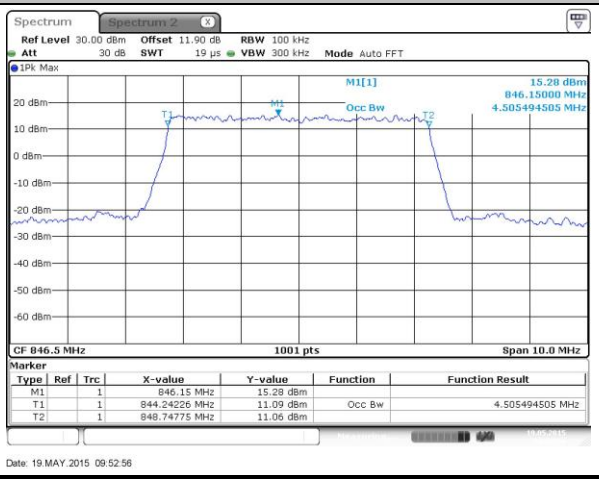
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

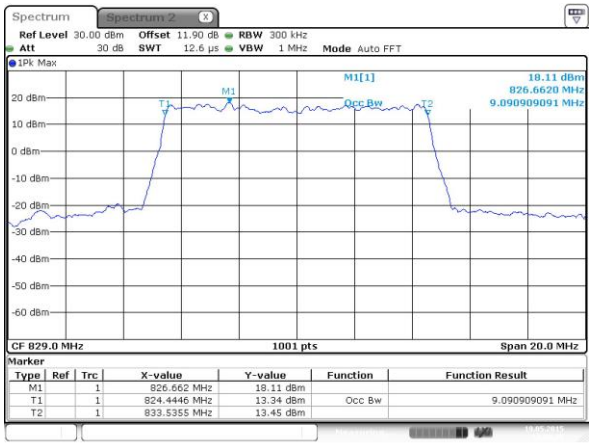


Highest Channel / 5MHz / 16QAM

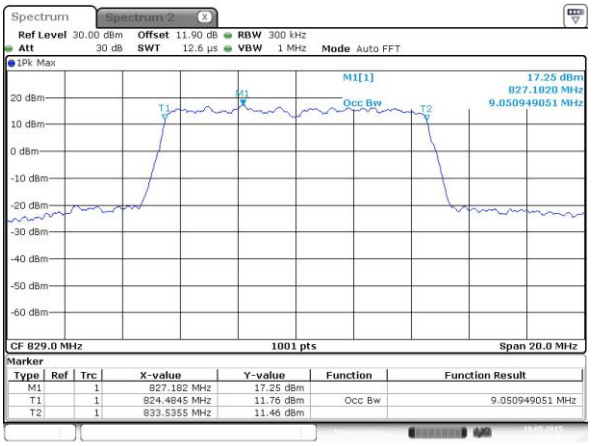


LTE Band 5

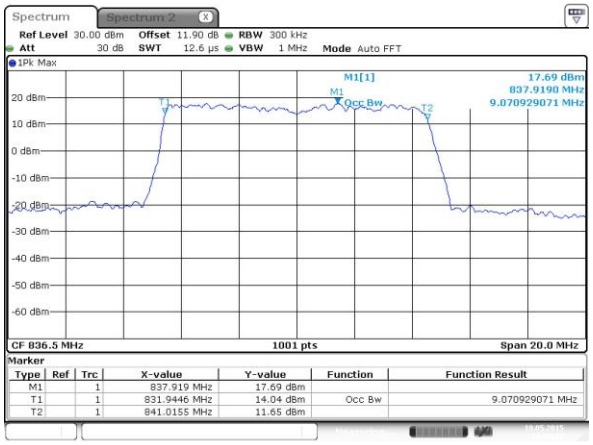
Lowest Channel / 10MHz / QPSK



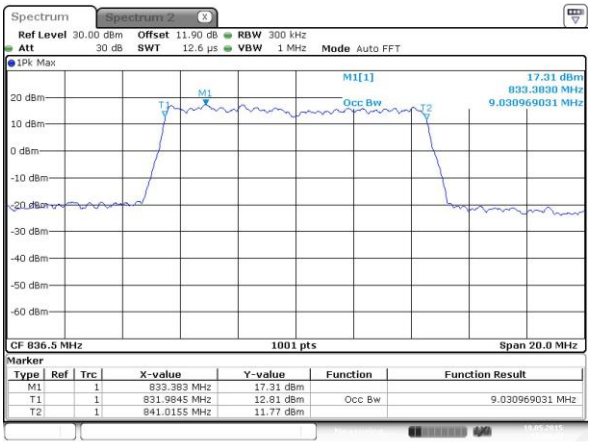
Lowest Channel / 10MHz / 16QAM



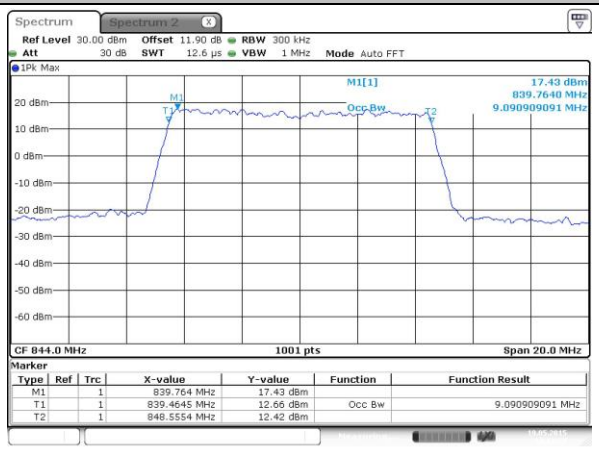
Middle Channel / 10MHz / QPSK



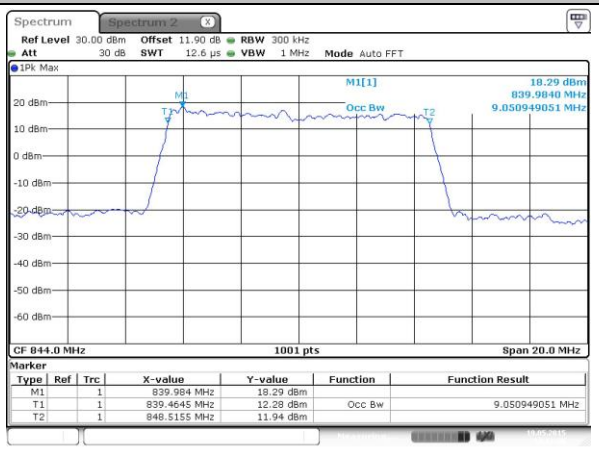
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



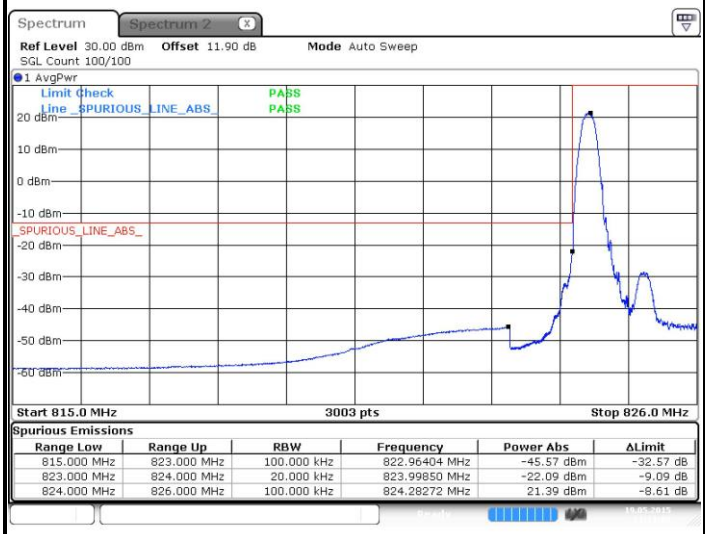
Highest Channel / 10MHz / 16QAM



Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

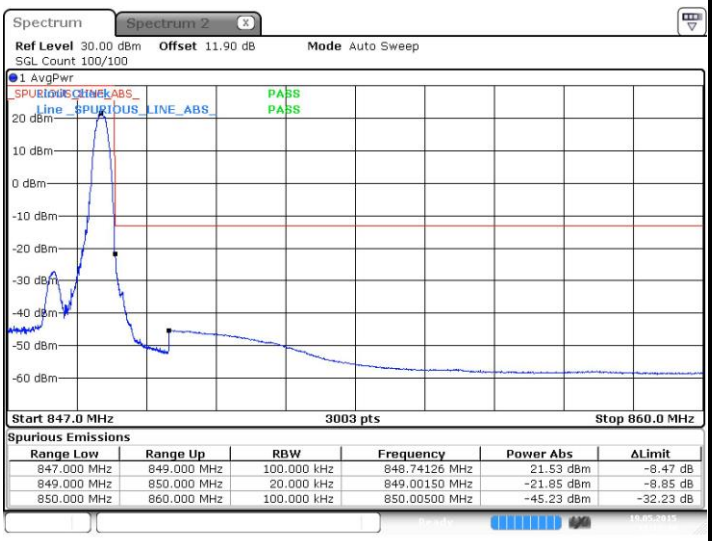


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.96404 MHz	-45.57 dBm	-32.57 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99850 MHz	-22.09 dBm	-9.09 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.28272 MHz	21.39 dBm	-8.61 dB

Date: 19.MAY.2015 11:11:05

Highest Band Edge / 1RB

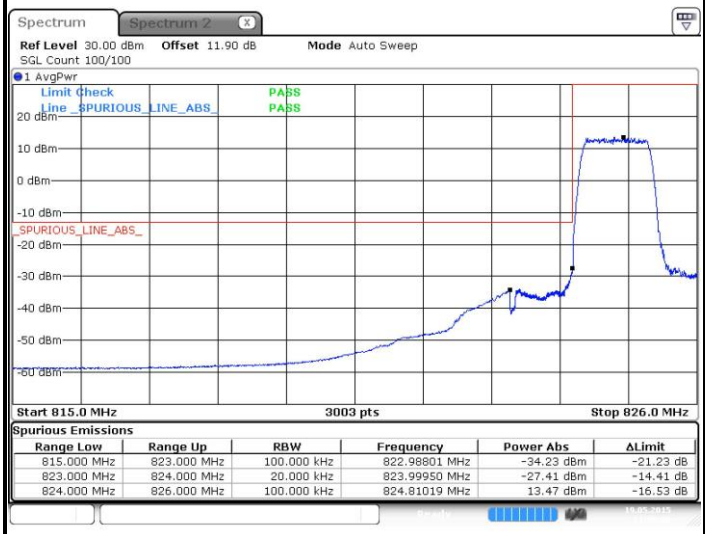


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.74126 MHz	21.53 dBm	-8.47 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00150 MHz	-21.85 dBm	-8.85 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-45.23 dBm	-32.23 dB

Date: 19.MAY.2015 11:13:44

Lowest Band Edge / Full RB

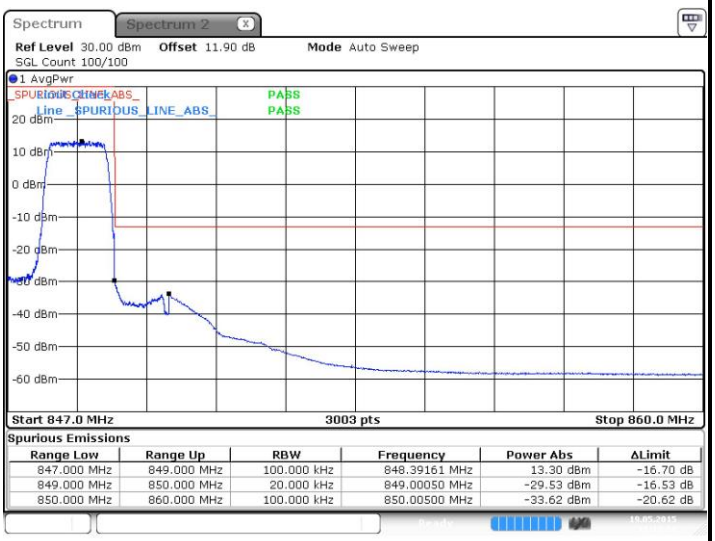


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-34.23 dBm	-21.23 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-27.41 dBm	-14.41 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.81019 MHz	13.47 dBm	-16.53 dB

Date: 19.MAY.2015 11:05:56

Highest Band Edge / Full RB



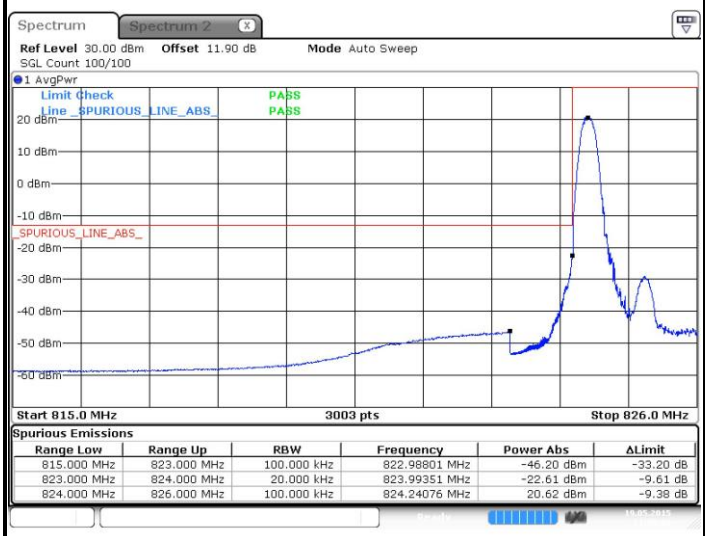
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.39161 MHz	13.30 dBm	-16.70 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-29.53 dBm	-16.53 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-33.62 dBm	-20.62 dB

Date: 19.MAY.2015 11:19:52

LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

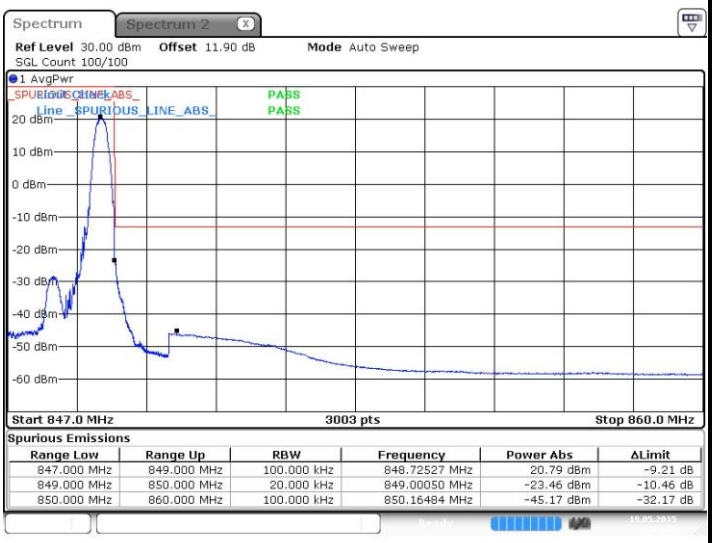


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-46.20 dBm	-33.20 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99351 MHz	-22.61 dBm	-9.61 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.24076 MHz	20.62 dBm	-9.38 dB

Date: 19.MAY.2015 11:09:31

Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.72527 MHz	20.79 dBm	-9.21 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-23.46 dBm	-10.46 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.16484 MHz	-45.17 dBm	-32.17 dB

Date: 19.MAY.2015 11:15:21

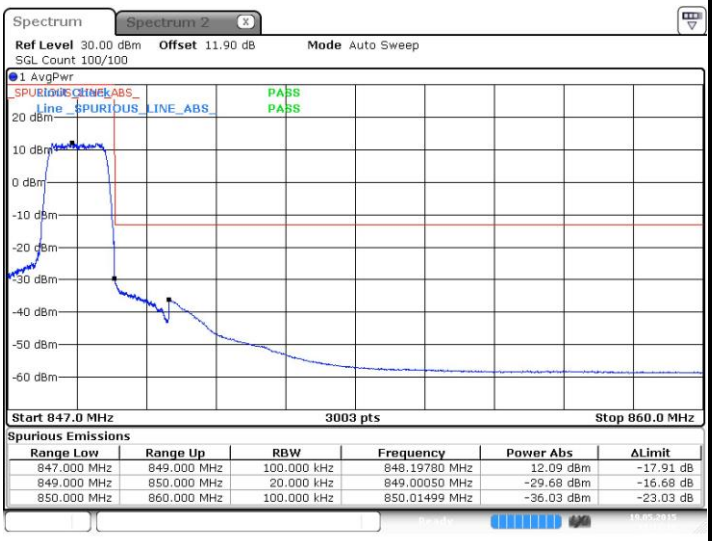
Lowest Band Edge / Full RB

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-35.48 dBm	-22.48 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99850 MHz	-30.04 dBm	-17.04 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.40460 MHz	12.63 dBm	-17.37 dB

Date: 19.MAY.2015 11:07:36

Highest Band Edge / Full RB



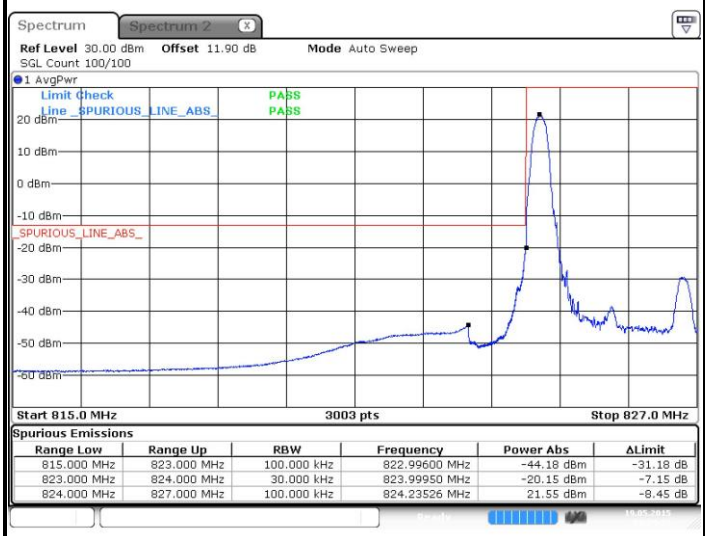
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.19780 MHz	12.09 dBm	-17.91 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-29.68 dBm	-16.68 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-36.03 dBm	-23.03 dB

Date: 19.MAY.2015 11:17:16

LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB

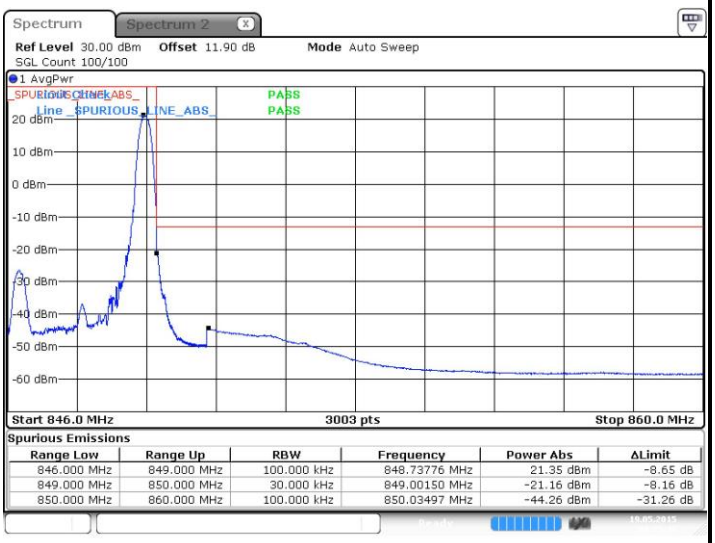


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-44.18 dBm	-31.18 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-20.15 dBm	-7.15 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.23526 MHz	21.55 dBm	-8.45 dB

Date: 19.MAY.2015 09:24:54

Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.73776 MHz	21.35 dBm	-8.65 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00150 MHz	-21.16 dBm	-8.16 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.03497 MHz	-44.26 dBm	-31.26 dB

Date: 19.MAY.2015 09:35:48

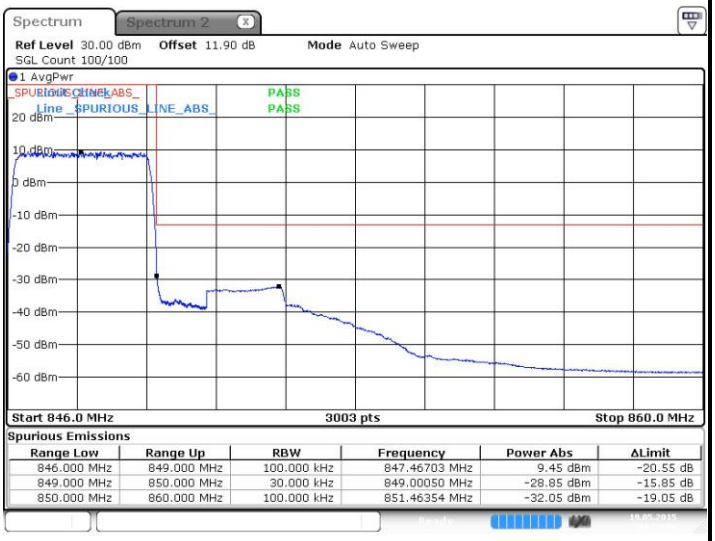
Lowest Band Edge / Full RB

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	821.62138 MHz	-31.99 dBm	-18.99 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99850 MHz	-28.40 dBm	-15.40 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.81069 MHz	9.66 dBm	-20.34 dB

Date: 19.MAY.2015 09:27:13

Highest Band Edge / Full RB



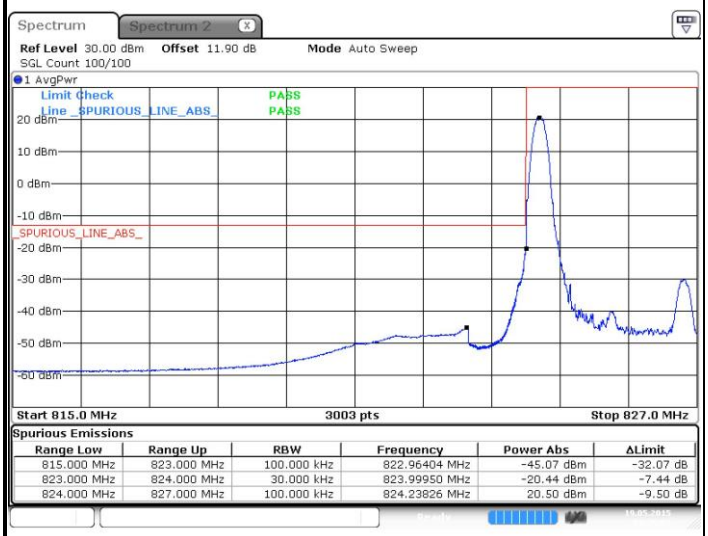
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	847.46703 MHz	9.45 dBm	-20.55 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-28.85 dBm	-15.85 dB
850.000 MHz	860.000 MHz	100.000 kHz	851.46354 MHz	-32.05 dBm	-19.05 dB

Date: 19.MAY.2015 09:38:08

LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

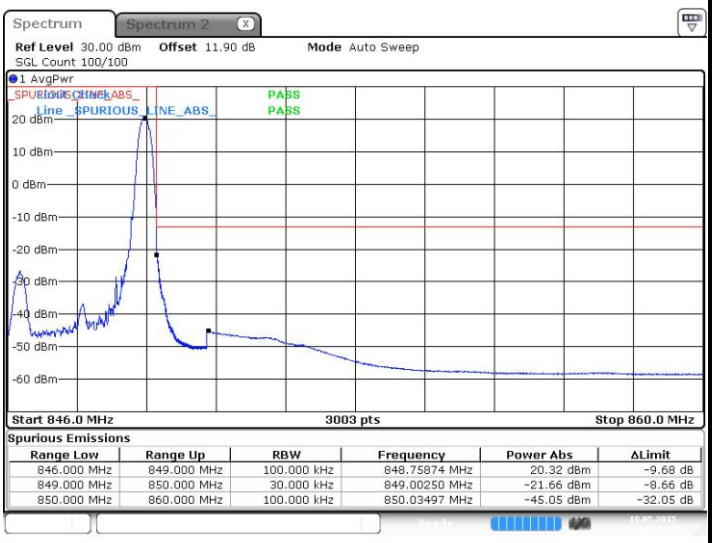


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.96404 MHz	-45.07 dBm	-32.07 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-20.44 dBm	-7.44 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.23826 MHz	20.50 dBm	-9.50 dB

Date: 19.MAY.2015 09:26:03

Highest Band Edge /1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.75874 MHz	20.32 dBm	-9.68 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00250 MHz	-21.66 dBm	-8.66 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.03497 MHz	-45.05 dBm	-32.05 dB

Date: 19.MAY.2015 09:36:58

Lowest Band Edge / Full RB

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.95604 MHz	-33.51 dBm	-20.51 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-29.80 dBm	-16.80 dB
824.000 MHz	827.000 MHz	100.000 kHz	826.16533 MHz	8.42 dBm	-21.58 dB

Date: 19.MAY.2015 09:28:23

Highest Band Edge / Full RB

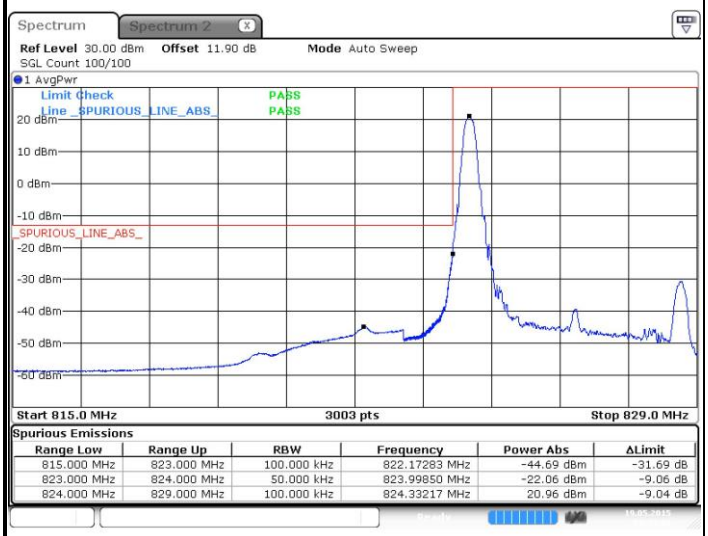
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.21329 MHz	8.67 dBm	-21.33 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00250 MHz	-29.39 dBm	-16.39 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.13487 MHz	-31.76 dBm	-18.76 dB

Date: 19.MAY.2015 09:39:18

LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB

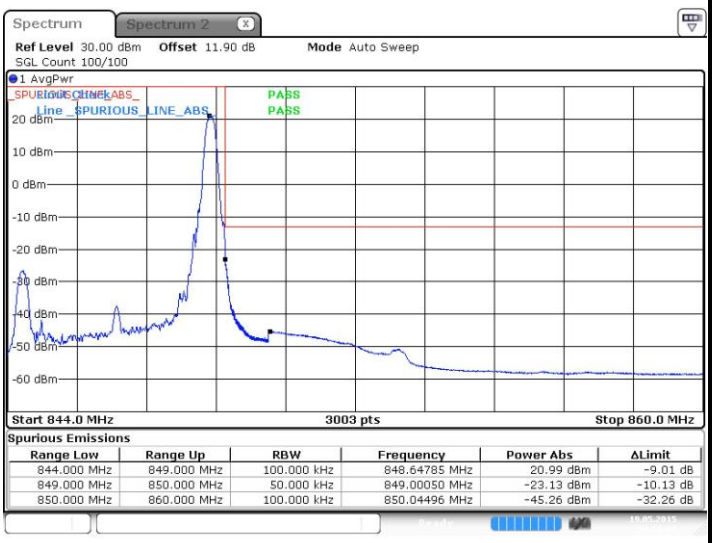


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.17283 MHz	-44.69 dBm	-31.69 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99850 MHz	-22.06 dBm	-9.06 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.33217 MHz	20.96 dBm	-9.04 dB

Date: 19.MAY.2015 09:43:38

Highest Band Edge / 1 RB

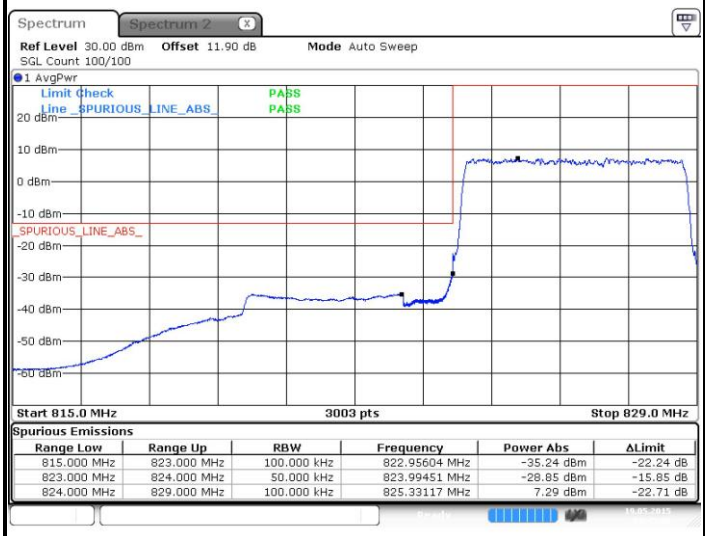


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.64785 MHz	20.99 dBm	-9.01 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-23.13 dBm	-10.13 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.04496 MHz	-45.26 dBm	-32.26 dB

Date: 19.MAY.2015 09:54:30

Lowest Band Edge / Full RB

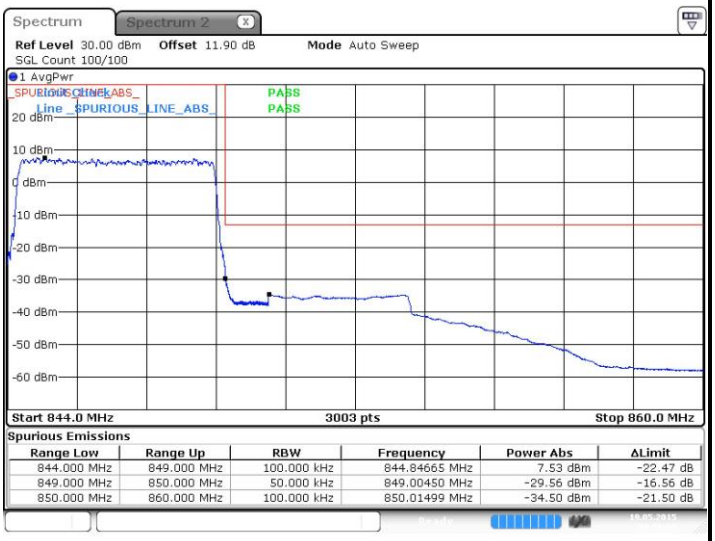


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.95604 MHz	-35.24 dBm	-22.24 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99451 MHz	-28.85 dBm	-15.85 dB
824.000 MHz	829.000 MHz	100.000 kHz	825.33117 MHz	7.29 dBm	-22.71 dB

Date: 19.MAY.2015 09:45:58

Highest Band Edge / Full RB



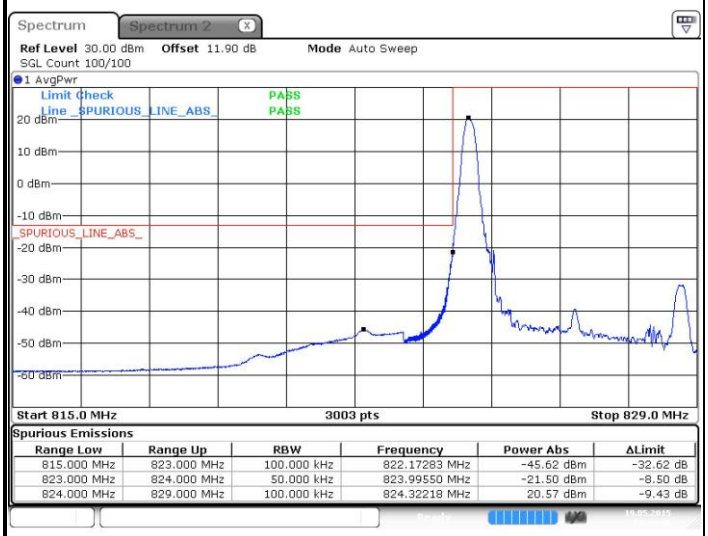
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	844.84665 MHz	7.53 dBm	-22.47 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00450 MHz	-29.56 dBm	-16.56 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-34.50 dBm	-21.50 dB

Date: 19.MAY.2015 09:56:50

LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB

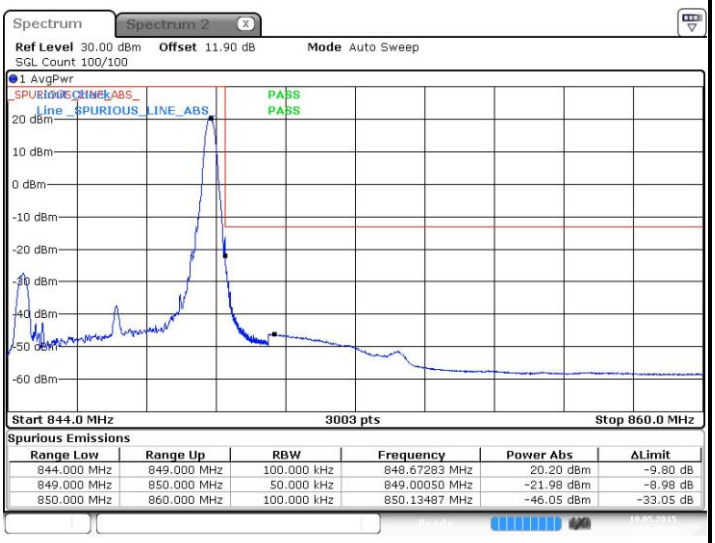


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.17283 MHz	-45.62 dBm	-32.62 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99550 MHz	-21.50 dBm	-8.50 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.32218 MHz	20.57 dBm	-9.43 dB

Date: 19.MAY.2015 09:44:48

Highest Band Edge / 1 RB

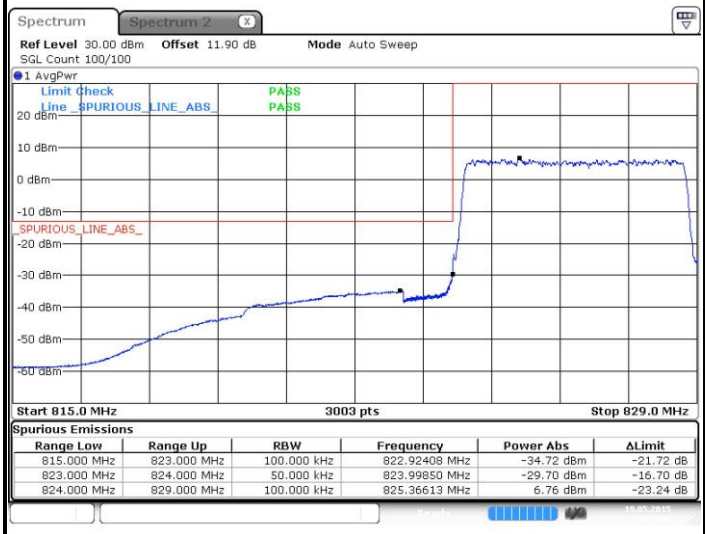


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.67283 MHz	20.20 dBm	-9.80 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-21.98 dBm	-8.98 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.13487 MHz	-46.05 dBm	-33.05 dB

Date: 19.MAY.2015 09:55:40

Lowest Band Edge / Full RB

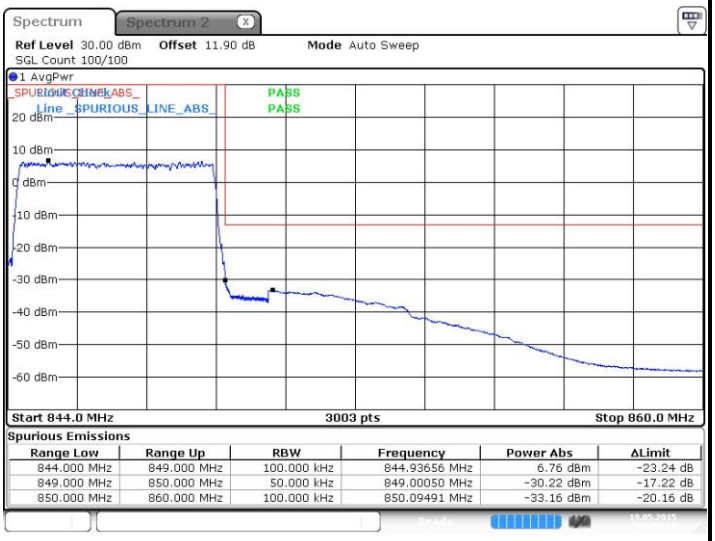


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.92408 MHz	-34.72 dBm	-21.72 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99850 MHz	-29.70 dBm	-16.70 dB
824.000 MHz	829.000 MHz	100.000 kHz	825.36613 MHz	6.76 dBm	-23.24 dB

Date: 19.MAY.2015 09:47:08

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	844.93656 MHz	6.76 dBm	-23.24 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-30.22 dBm	-17.22 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.09491 MHz	-33.16 dBm	-20.16 dB

Date: 19.MAY.2015 09:58:00