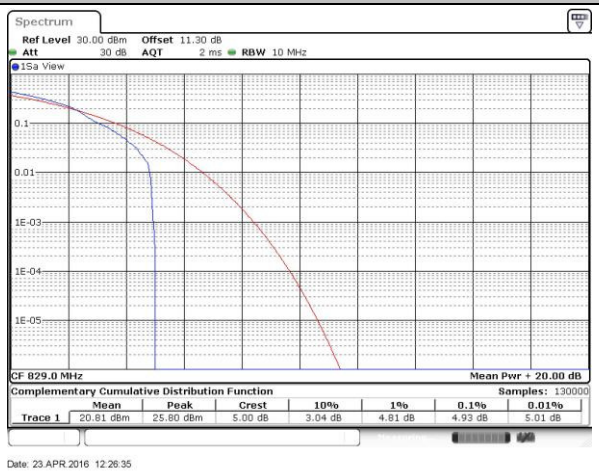
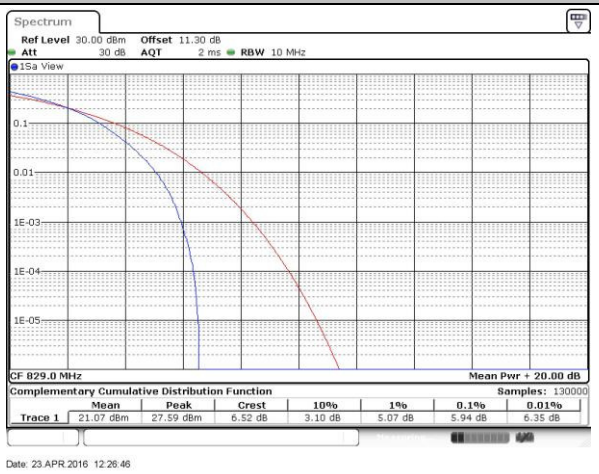
LTE Band 5 / 10MHz / 16QAM

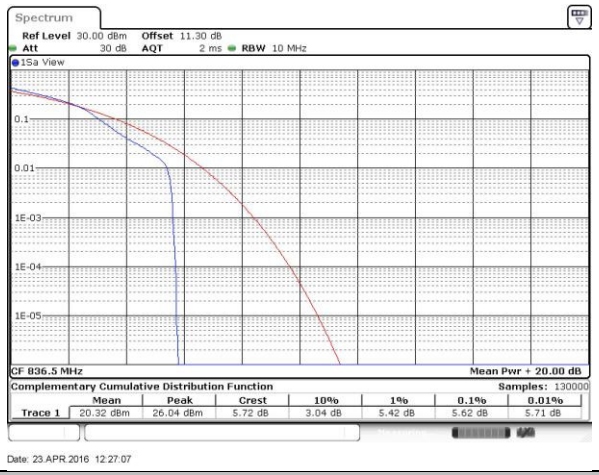
Lowest Channel / 1RB



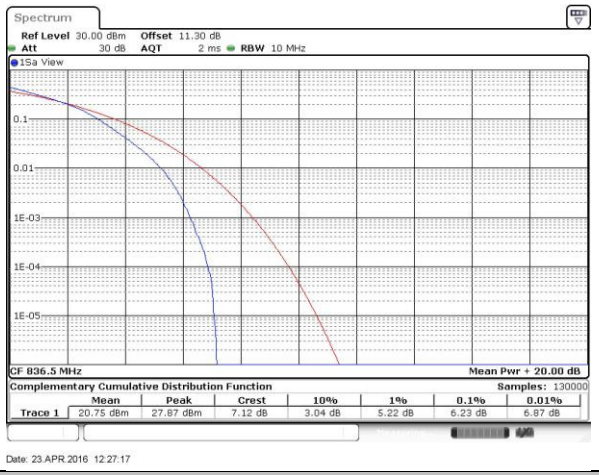
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB

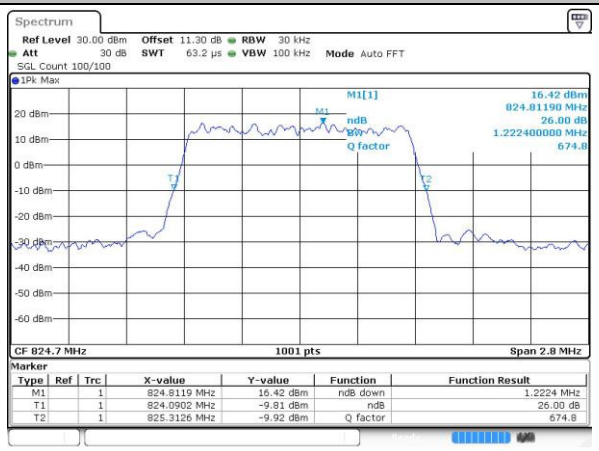
Highest Channel / Full RB

26dB Bandwidth

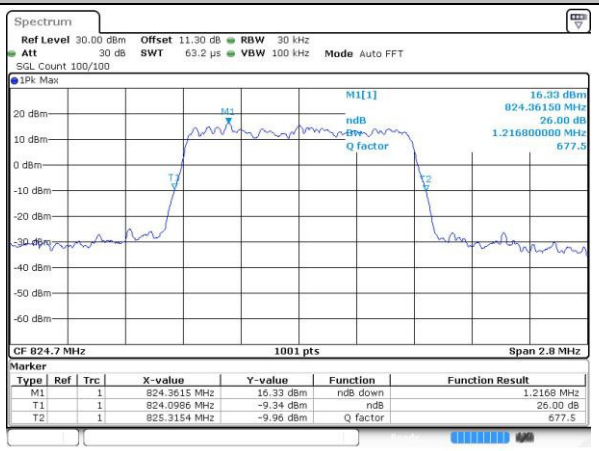
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.22	1.22	2.99	3.06	4.96	4.90	9.81	9.75	-	-	-	-
Middle CH	1.23	1.23	3.05	3.05	4.92	4.92	9.99	9.81	-	-	-	-
Highest CH	1.23	1.24	3.00	3.02	4.93	4.88	9.79	9.67	-	-	-	-

LTE Band 5

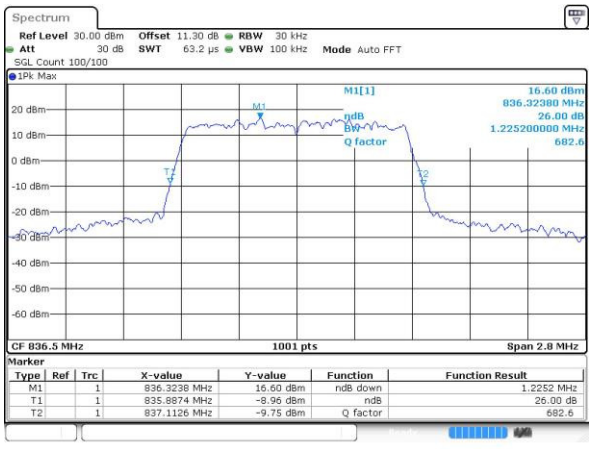
Lowest Channel / 1.4MHz / QPSK



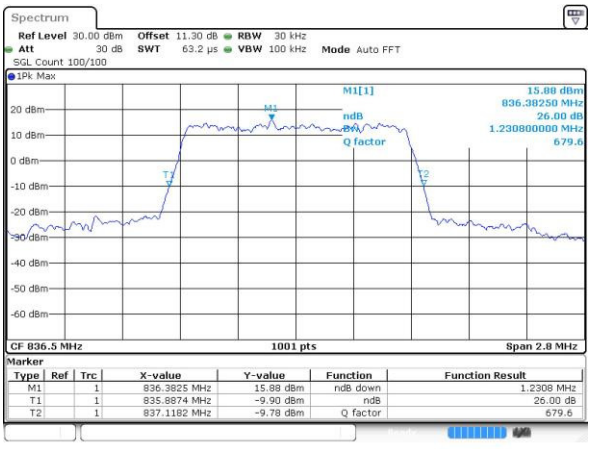
Lowest Channel / 1.4MHz / 16QAM



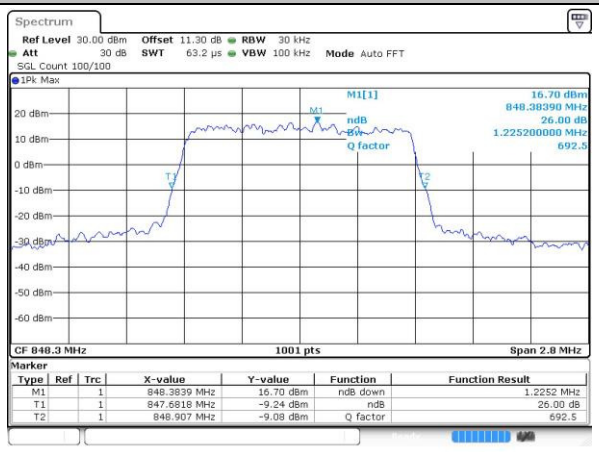
Middle Channel / 1.4MHz / QPSK



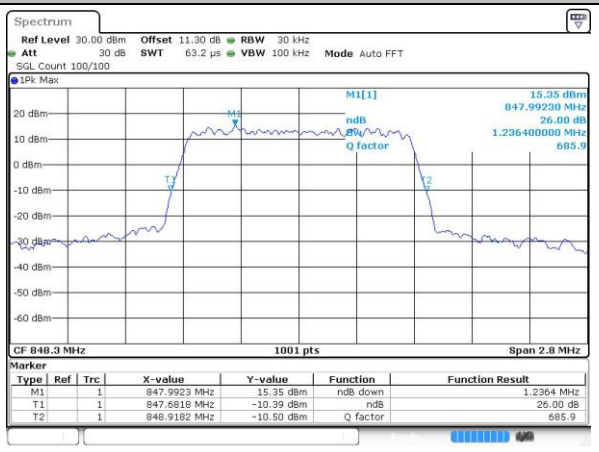
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

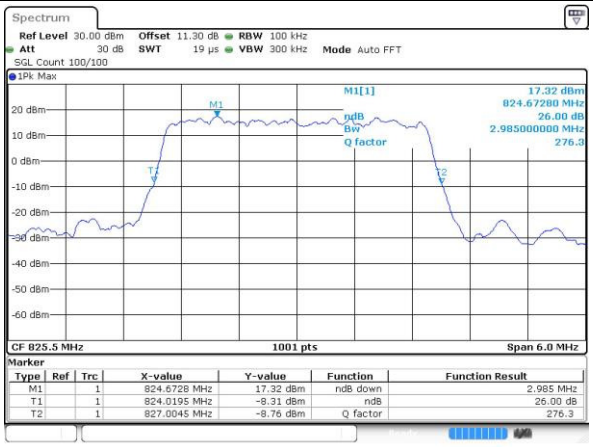


Highest Channel / 1.4MHz / 16QAM

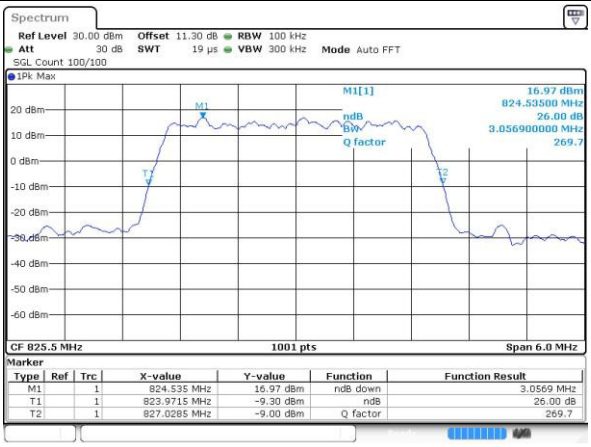


LTE Band 5

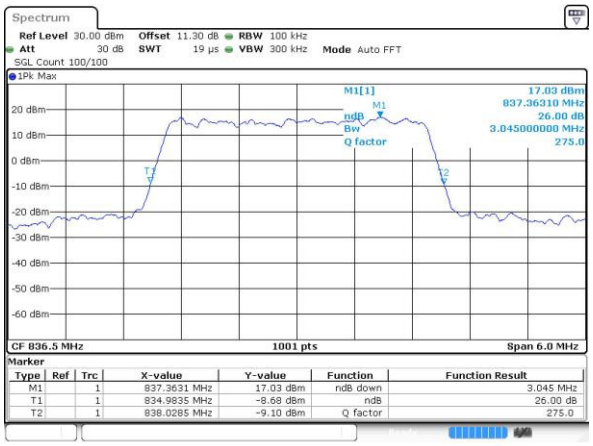
Lowest Channel / 3MHz / QPSK



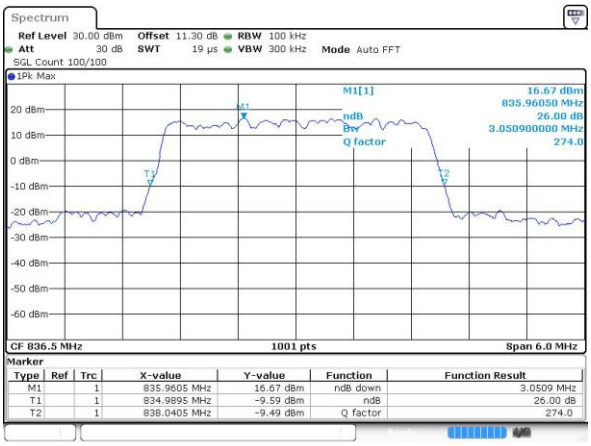
Lowest Channel / 3MHz / 16QAM



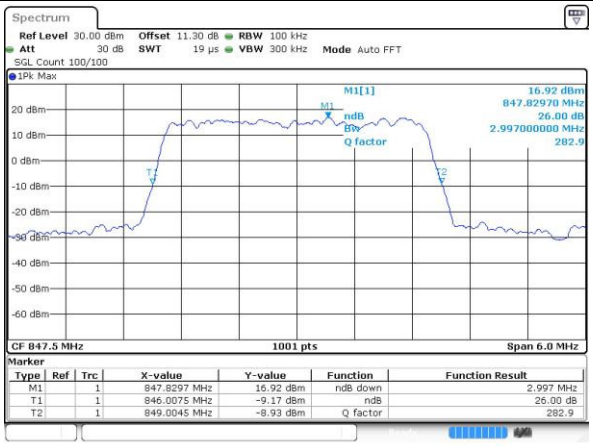
Middle Channel / 3MHz / QPSK



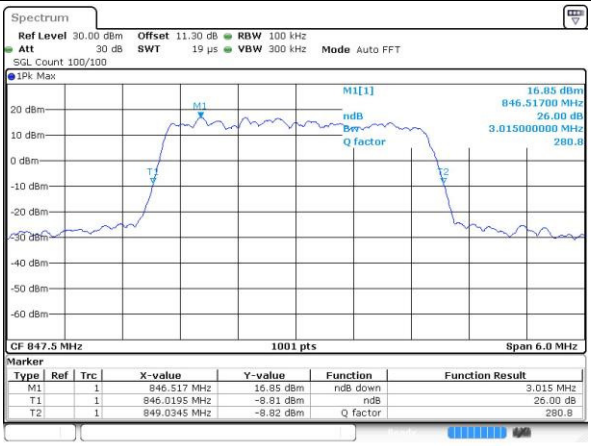
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

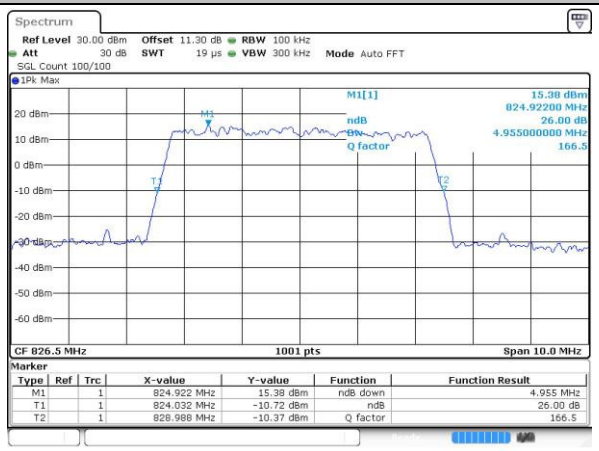


Highest Channel /3MHz / 16QAM

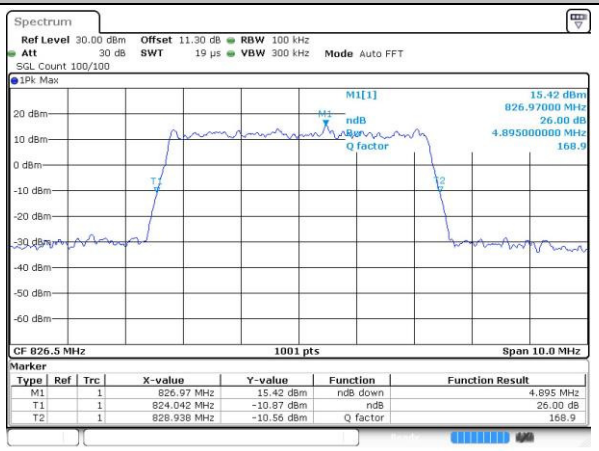


LTE Band 5

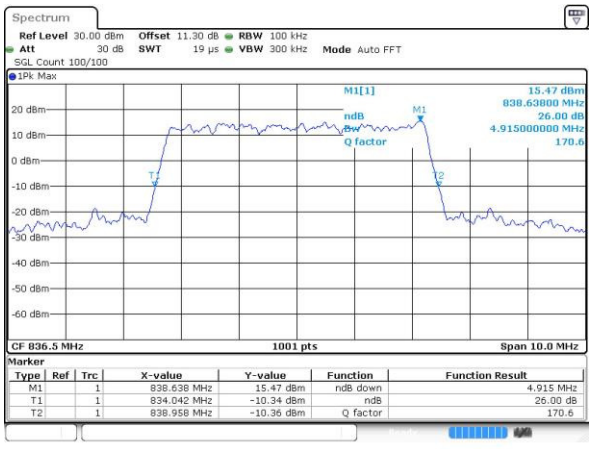
Lowest Channel / 5MHz / QPSK



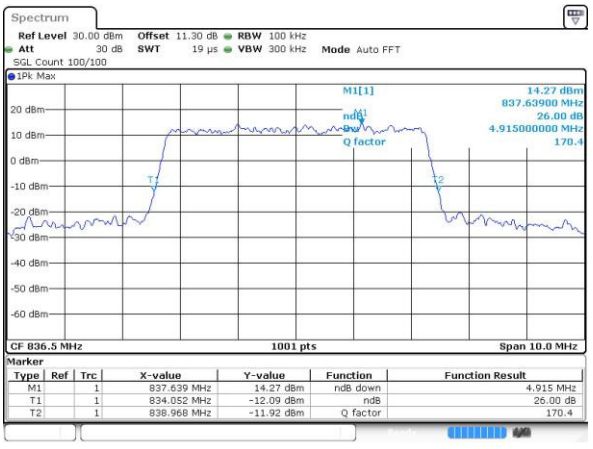
Lowest Channel / 5MHz / 16QAM



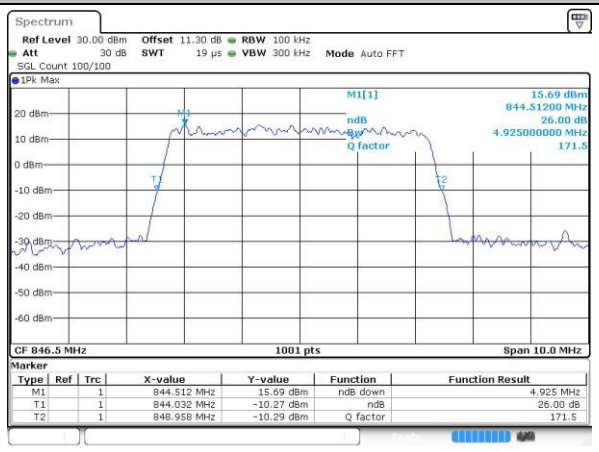
Middle Channel / 5MHz / QPSK



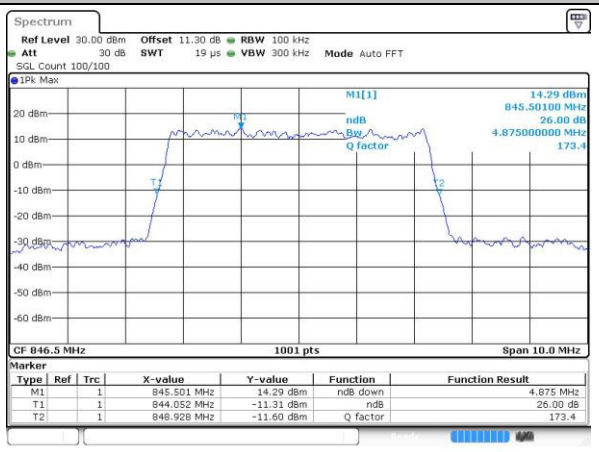
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

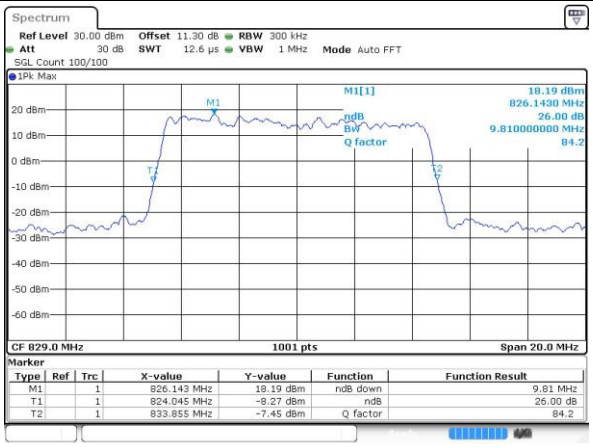


Highest Channel / 5MHz / 16QAM

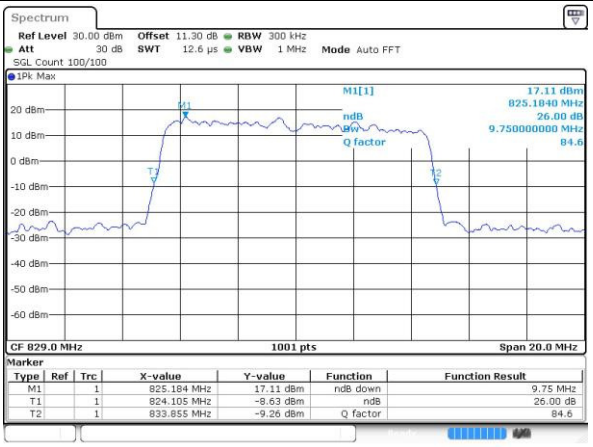


LTE Band 5

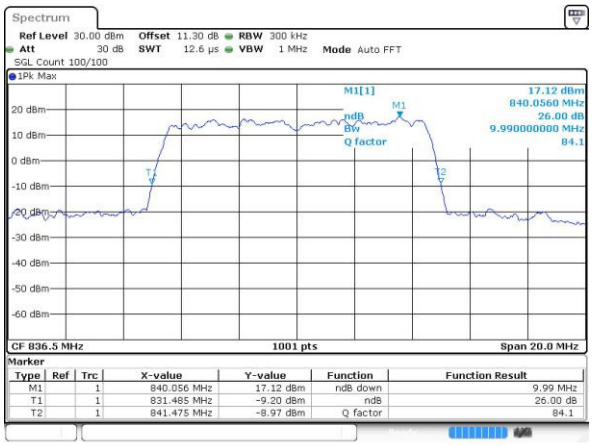
Lowest Channel / 10MHz / QPSK



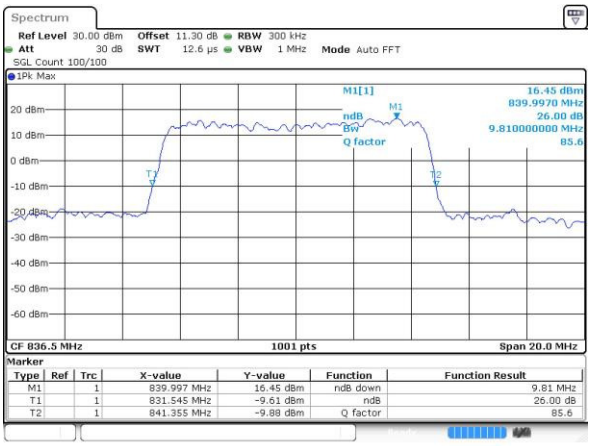
Lowest Channel / 10MHz / 16QAM



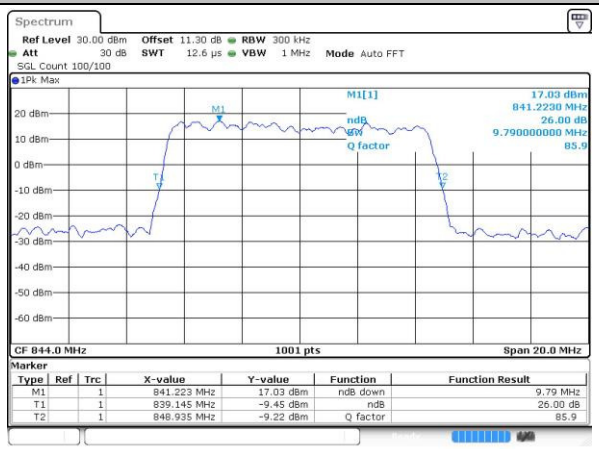
Middle Channel / 10MHz / QPSK



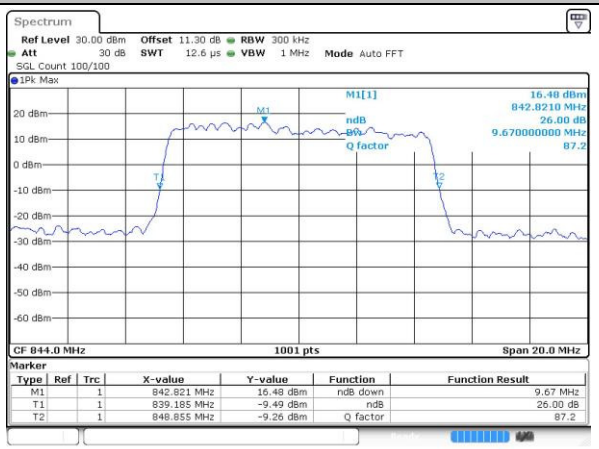
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

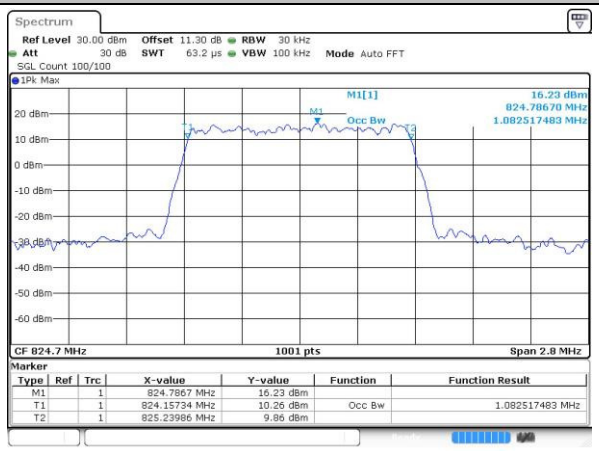


Occupied Bandwidth

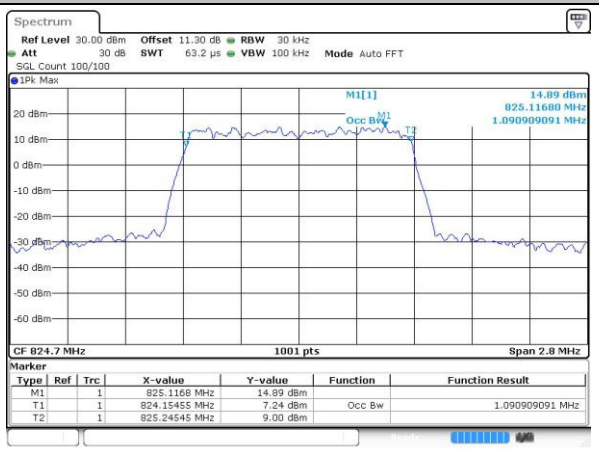
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.08	1.09	2.7	2.71	4.5	4.48	9.03	8.99	-	-	-	-
Middle CH	1.08	1.09	2.7	2.72	4.48	4.47	9.05	9.05	-	-	-	-
Highest CH	1.09	1.08	2.73	2.72	4.48	4.5	8.97	8.95	-	-	-	-

LTE Band 5

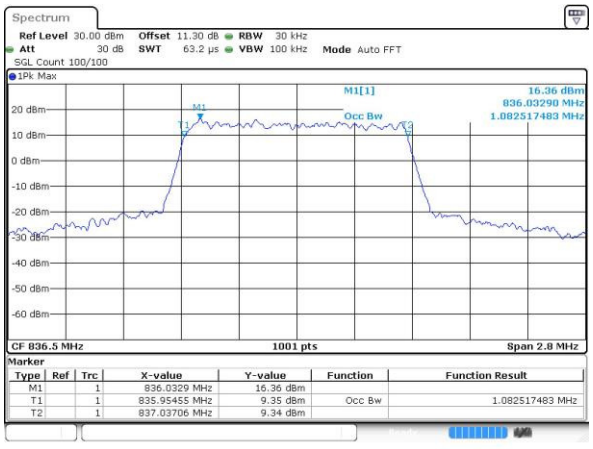
Lowest Channel / 1.4MHz / QPSK



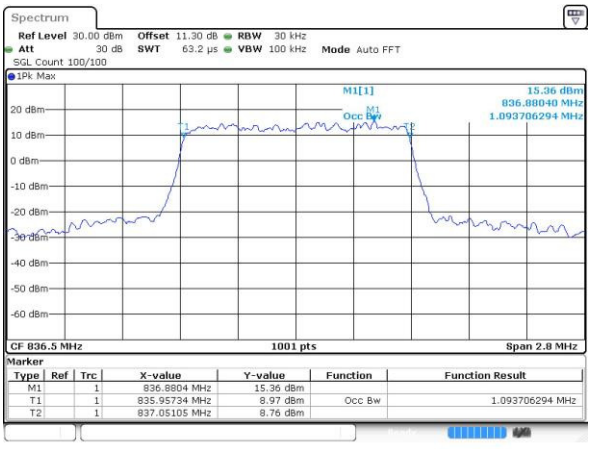
Lowest Channel / 1.4MHz / 16QAM



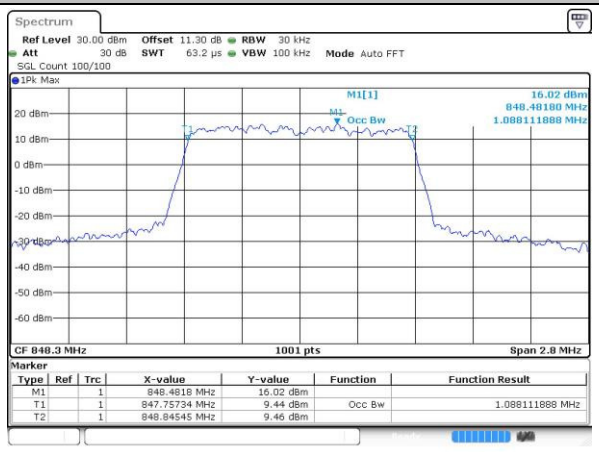
Middle Channel / 1.4MHz / QPSK



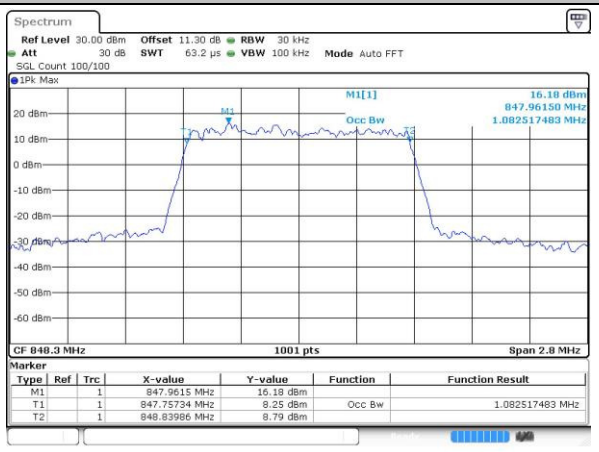
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

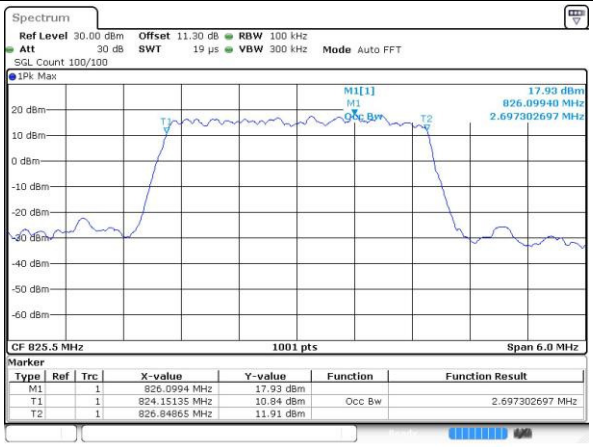


Highest Channel / 1.4MHz / 16QAM

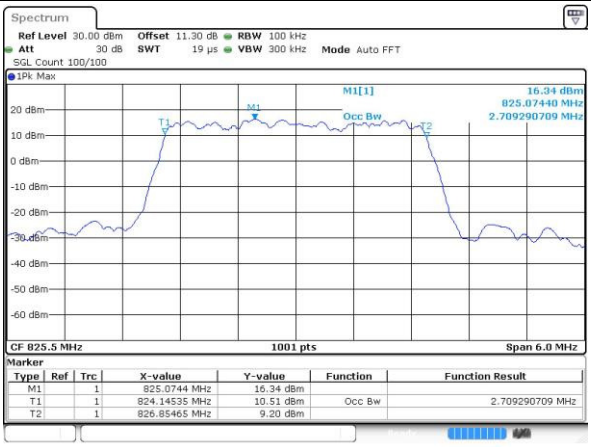


LTE Band 5

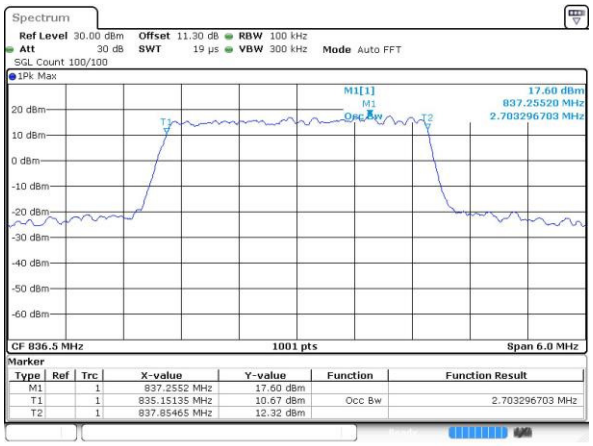
Lowest Channel / 3MHz / QPSK



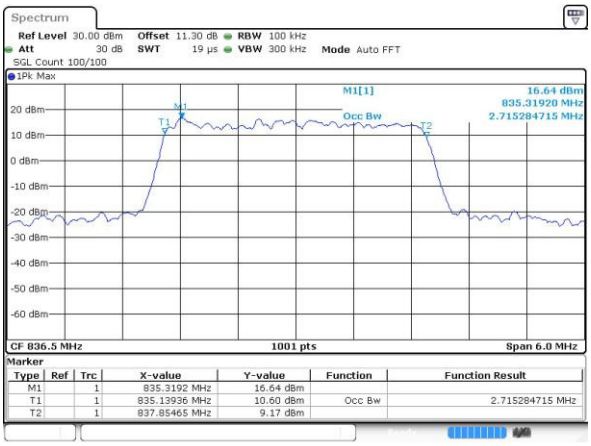
Lowest Channel / 3MHz / 16QAM



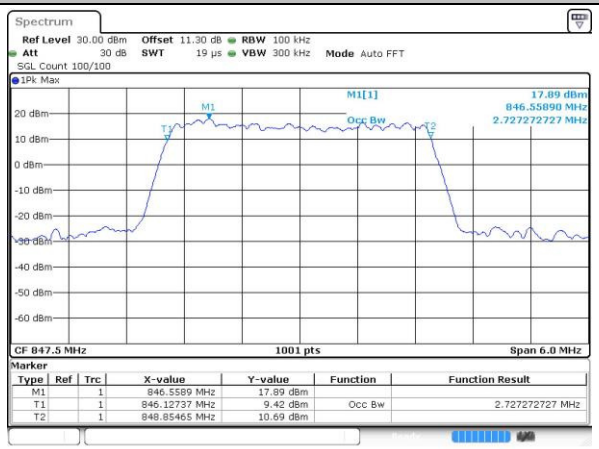
Middle Channel / 3MHz / QPSK



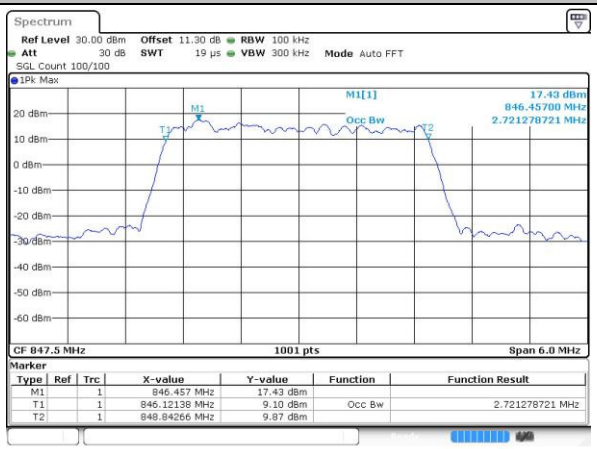
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

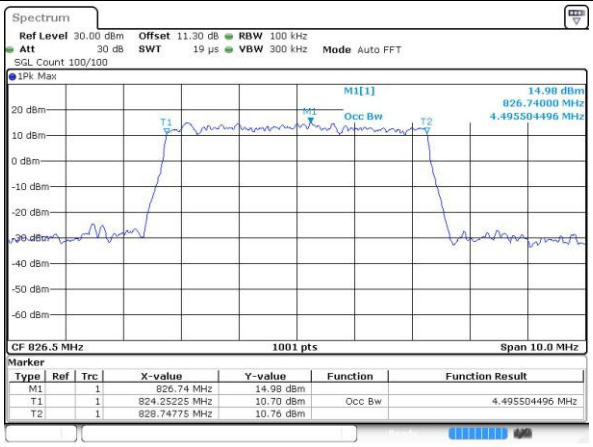


Highest Channel / 3MHz / 16QAM

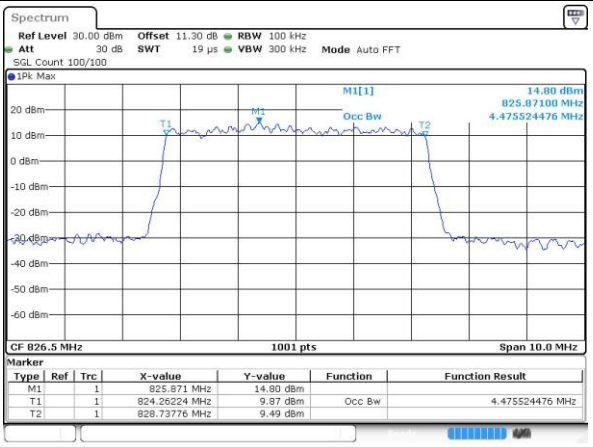


LTE Band 5

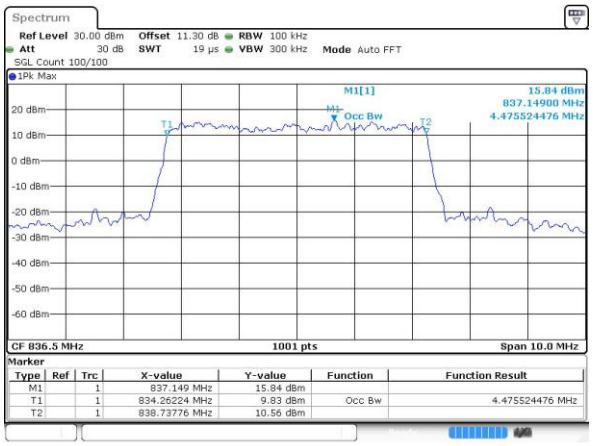
Lowest Channel / 5MHz / QPSK



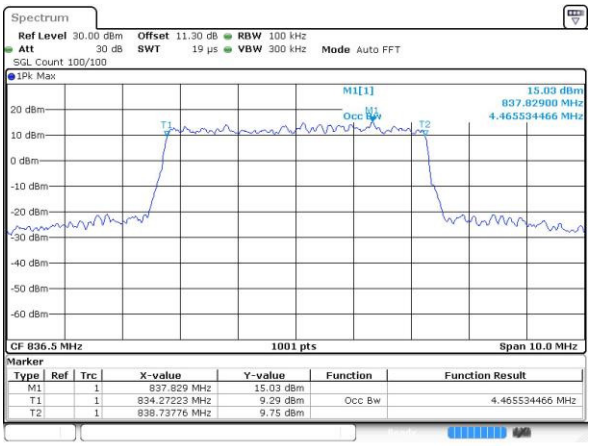
Lowest Channel / 5MHz / 16QAM



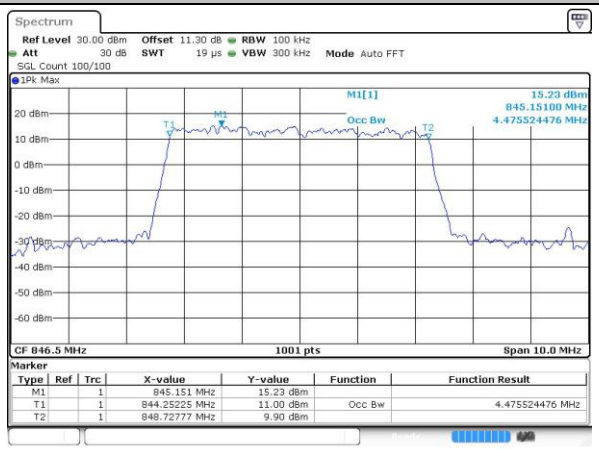
Middle Channel / 5MHz / QPSK



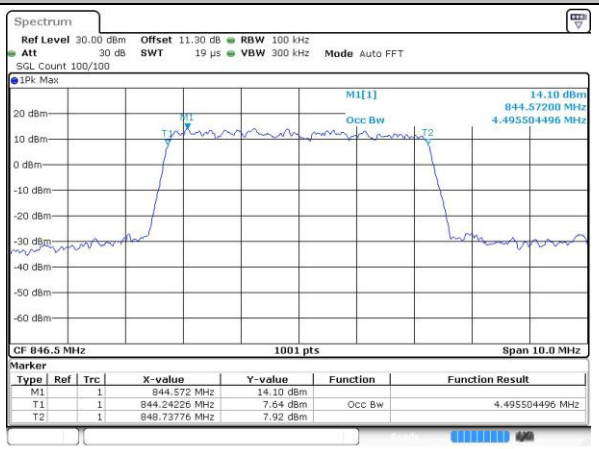
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

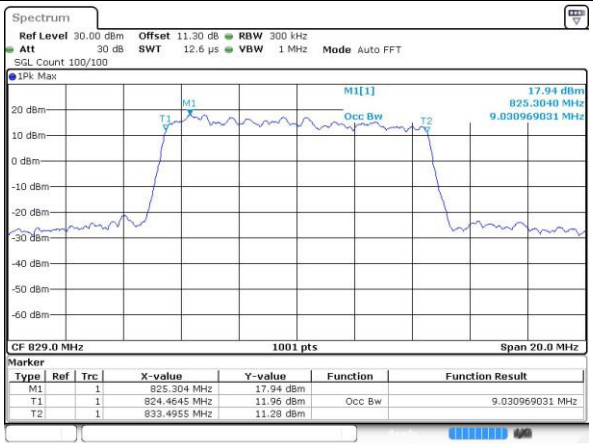


Highest Channel / 5MHz / 16QAM

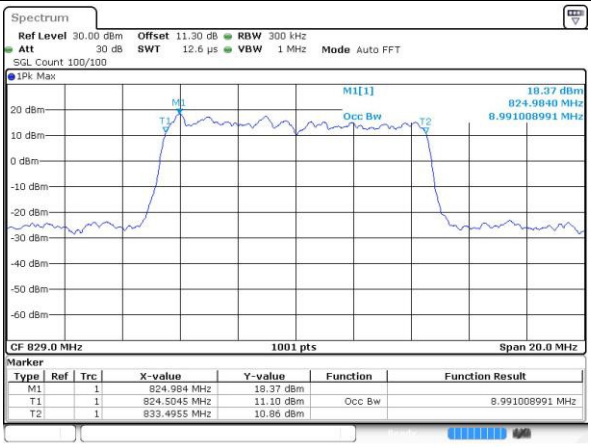


LTE Band 5

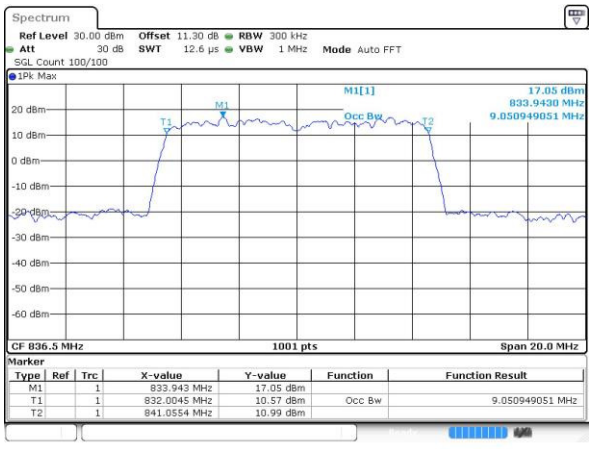
Lowest Channel / 10MHz / QPSK



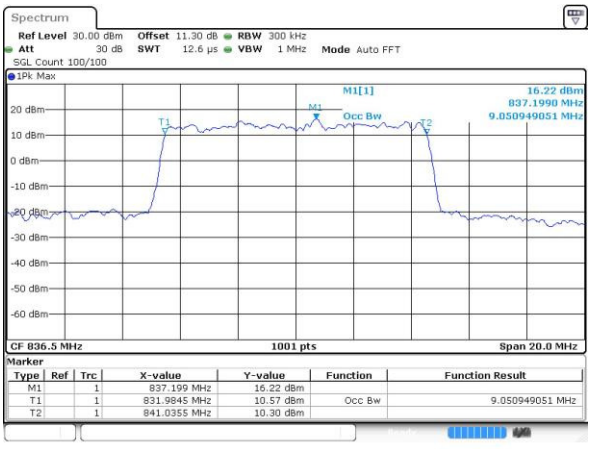
Lowest Channel / 10MHz / 16QAM



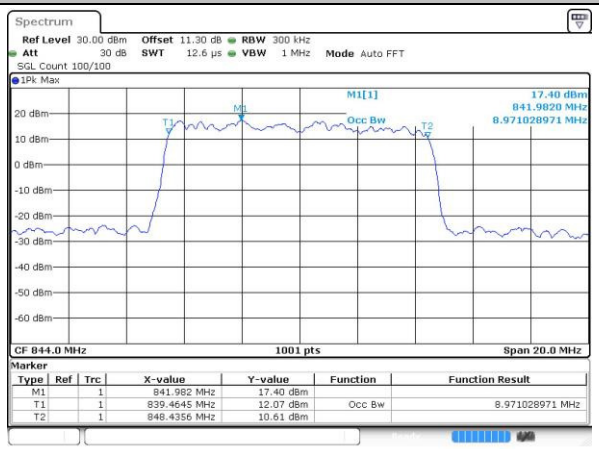
Middle Channel / 10MHz / QPSK



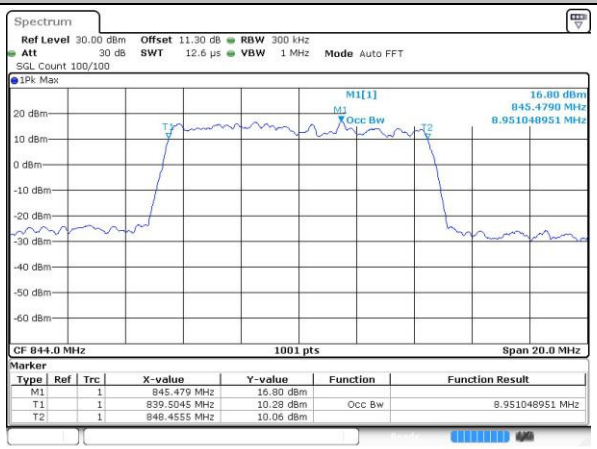
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



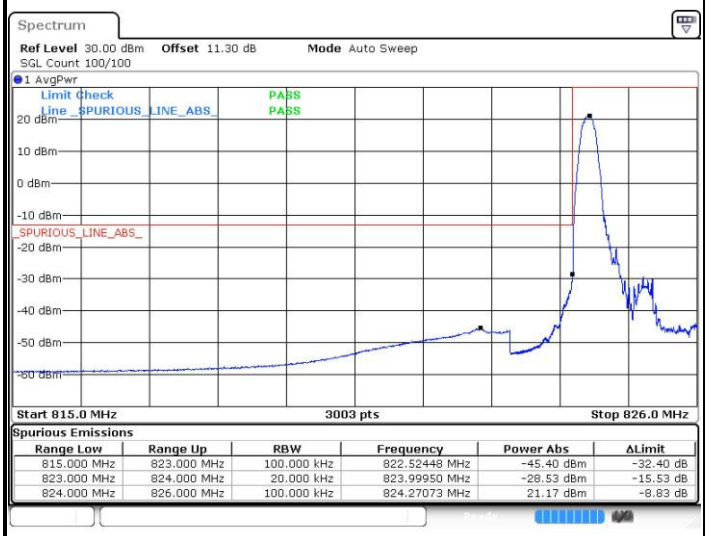
Highest Channel / 10MHz / 16QAM



Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

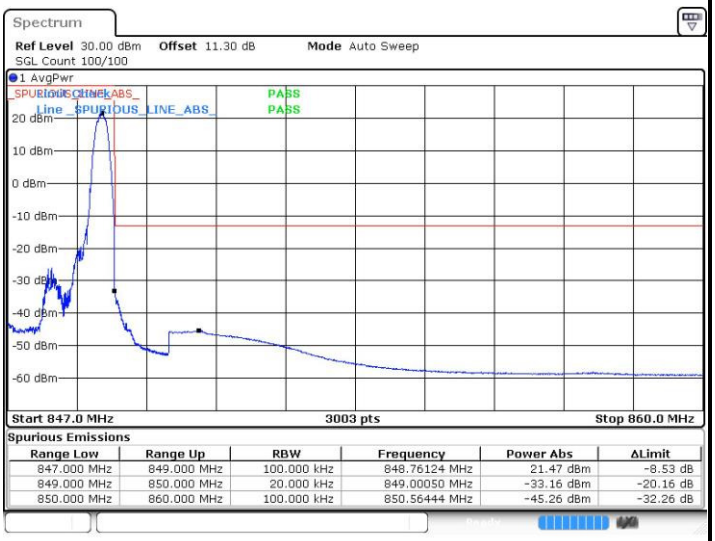


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.52448 MHz	-45.40 dBm	-32.40 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-28.53 dBm	-15.53 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.27073 MHz	21.17 dBm	-8.83 dB

Date: 23.APR.2016 11:41:07

Highest Band Edge / 1RB

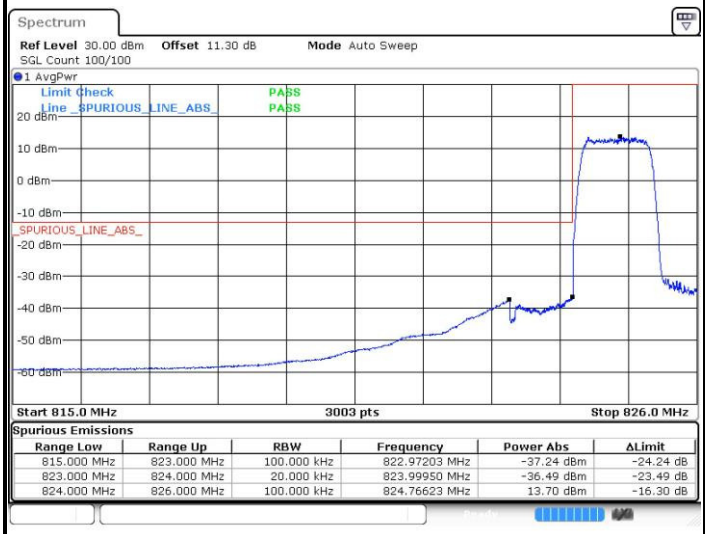


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.76124 MHz	21.47 dBm	-8.53 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-33.16 dBm	-20.16 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.56444 MHz	-45.26 dBm	-32.26 dB

Date: 23.APR.2016 11:58:22

Lowest Band Edge / Full RB

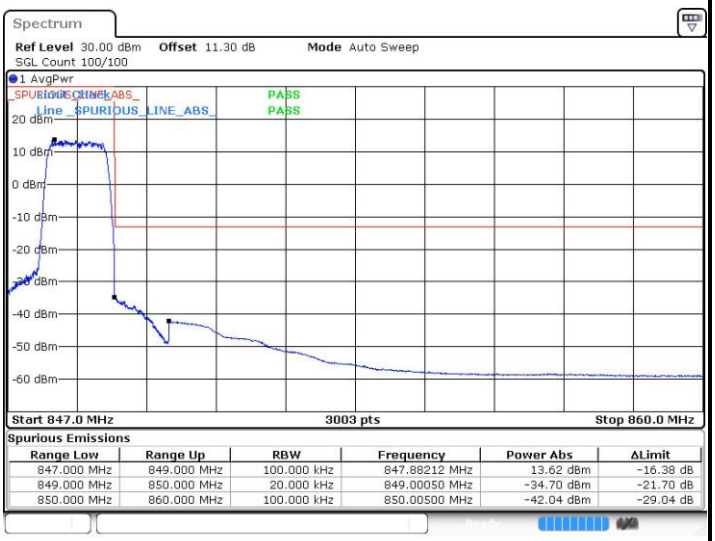


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.97203 MHz	-37.24 dBm	-24.24 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-36.49 dBm	-23.49 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.76623 MHz	13.70 dBm	-16.30 dB

Date: 23.APR.2016 11:45:11

Highest Band Edge / Full RB



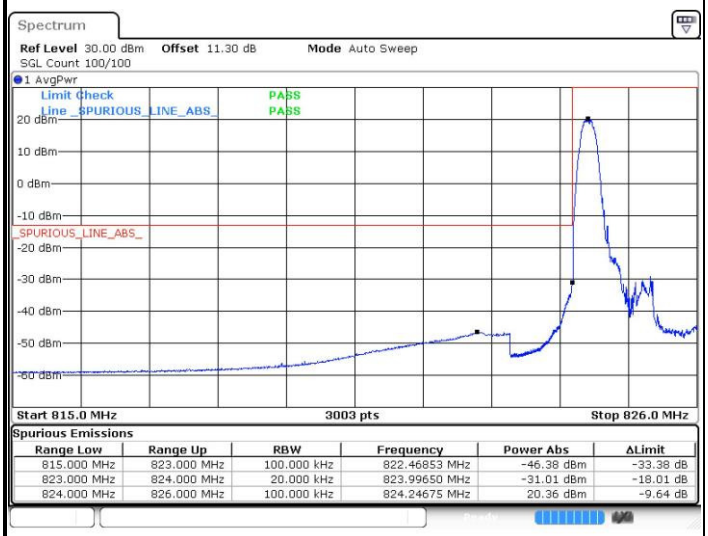
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	847.88212 MHz	13.62 dBm	-16.38 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-34.70 dBm	-21.70 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-42.04 dBm	-29.04 dB

Date: 23.APR.2016 11:54:17

LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

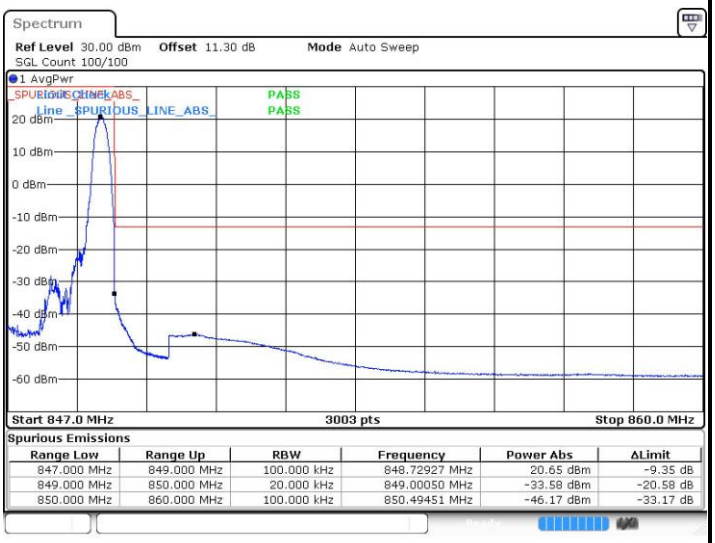


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.46853 MHz	-46.38 dBm	-33.38 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99650 MHz	-31.01 dBm	-18.01 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.24675 MHz	20.36 dBm	-9.64 dB

Date: 23.APR.2016 11:43:09

Highest Band Edge / 1 RB

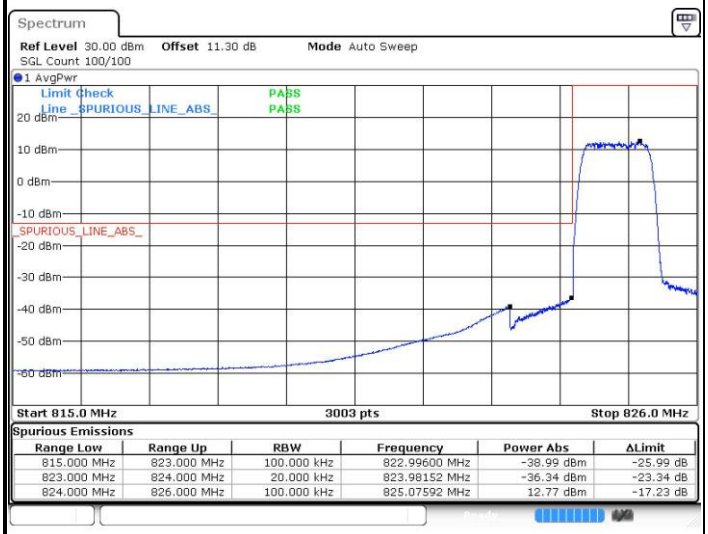


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.72927 MHz	20.65 dBm	-9.35 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-33.58 dBm	-20.58 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.49451 MHz	-46.17 dBm	-33.17 dB

Date: 23.APR.2016 12:00:24

Lowest Band Edge / Full RB

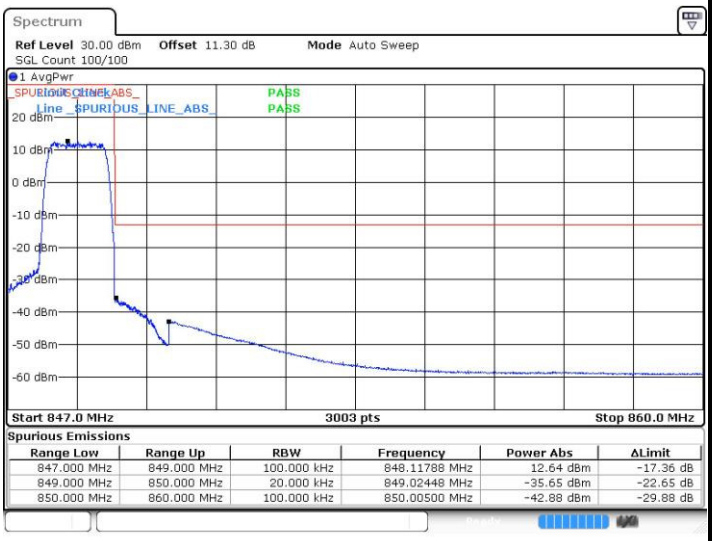


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-38.99 dBm	-25.99 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.98152 MHz	-36.34 dBm	-23.34 dB
824.000 MHz	826.000 MHz	100.000 kHz	825.07592 MHz	12.77 dBm	-17.23 dB

Date: 23.APR.2016 11:47:14

Highest Band Edge / Full RB



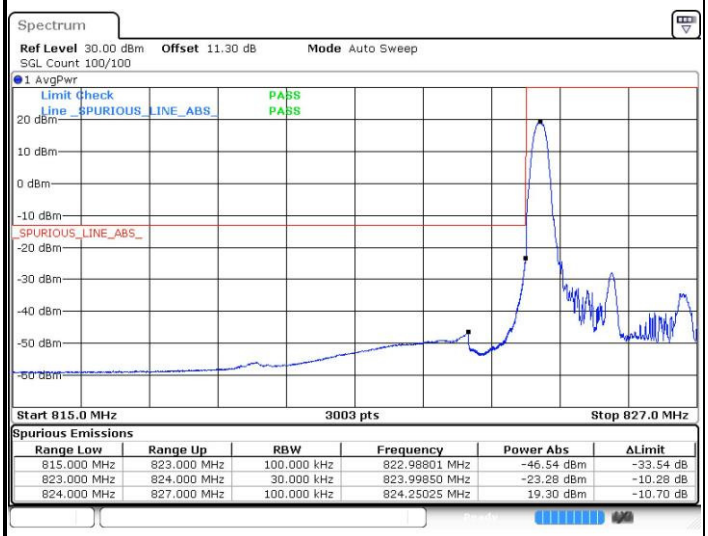
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.11788 MHz	12.64 dBm	-17.36 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.02448 MHz	-35.65 dBm	-22.65 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-42.88 dBm	-29.88 dB

Date: 23.APR.2016 11:56:19

LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB

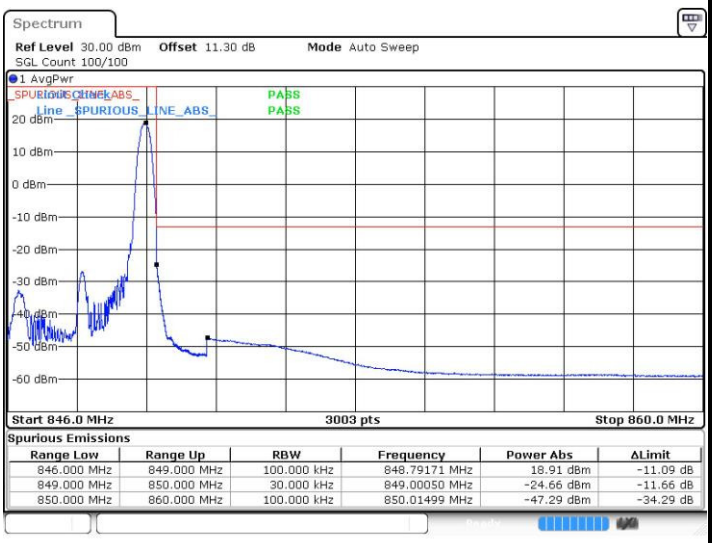


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-46.54 dBm	-33.54 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99850 MHz	-23.28 dBm	-10.28 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.25025 MHz	19.30 dBm	-10.70 dB

Date: 23.APR.2016 10:28:28

Highest Band Edge / 1 RB

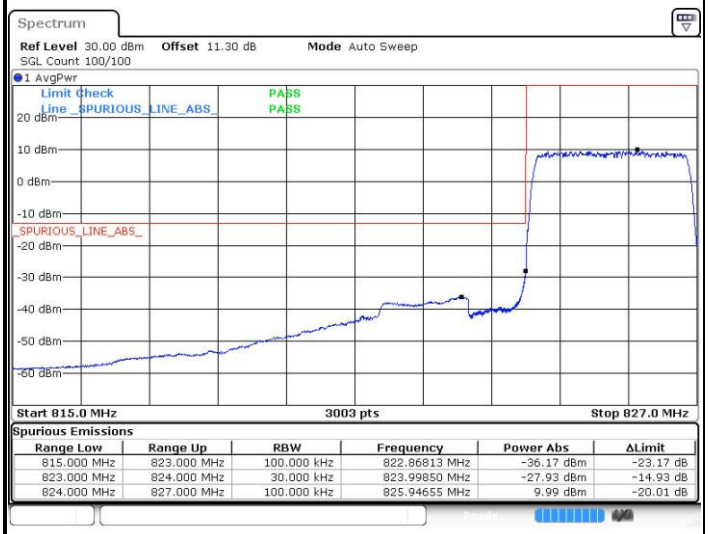


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.79171 MHz	18.91 dBm	-11.09 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-24.66 dBm	-11.66 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-47.29 dBm	-34.29 dB

Date: 23.APR.2016 10:41:40

Lowest Band Edge / Full RB

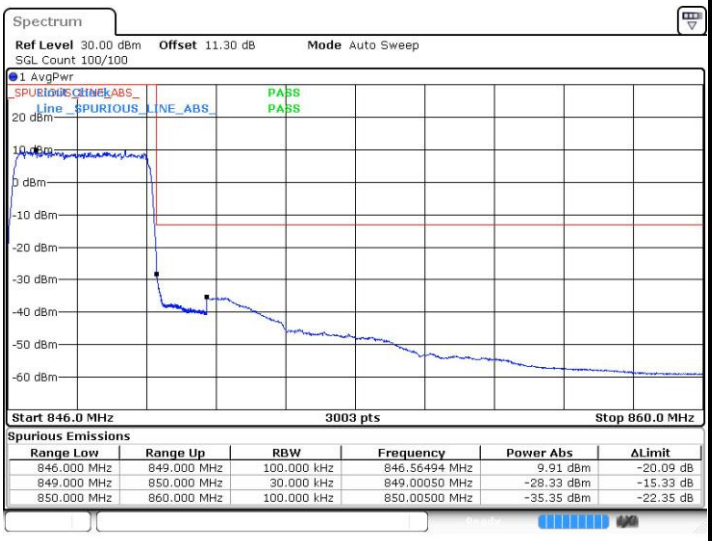


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.86813 MHz	-36.17 dBm	-23.17 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99850 MHz	-27.93 dBm	-14.93 dB
824.000 MHz	827.000 MHz	100.000 kHz	825.94655 MHz	9.99 dBm	-20.01 dB

Date: 23.APR.2016 10:32:33

Highest Band Edge / Full RB



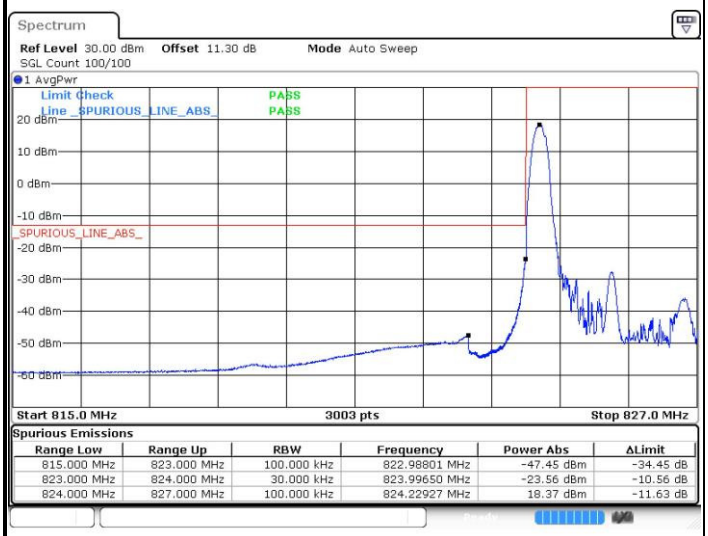
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	846.56494 MHz	9.91 dBm	-20.09 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-28.33 dBm	-15.33 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-35.35 dBm	-22.35 dB

Date: 23.APR.2016 10:45:44

LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

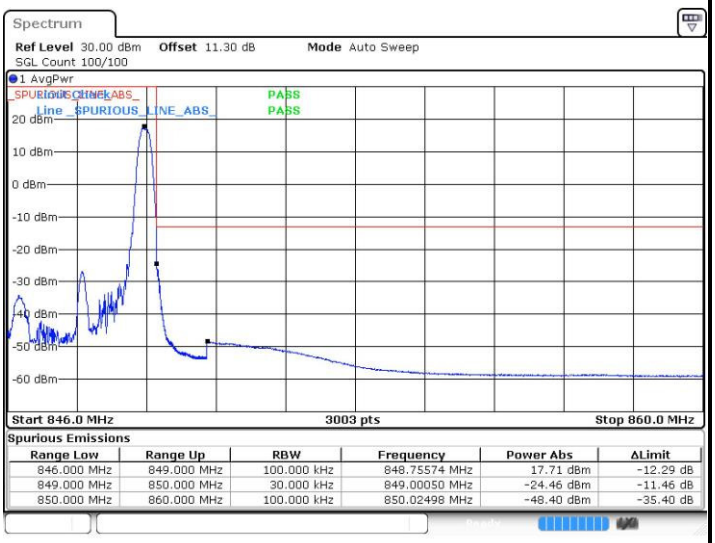


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-47.45 dBm	-34.45 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99650 MHz	-23.56 dBm	-10.56 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.22927 MHz	18.37 dBm	-11.63 dB

Date: 23.APR.2016 10:30:31

Highest Band Edge /1 RB

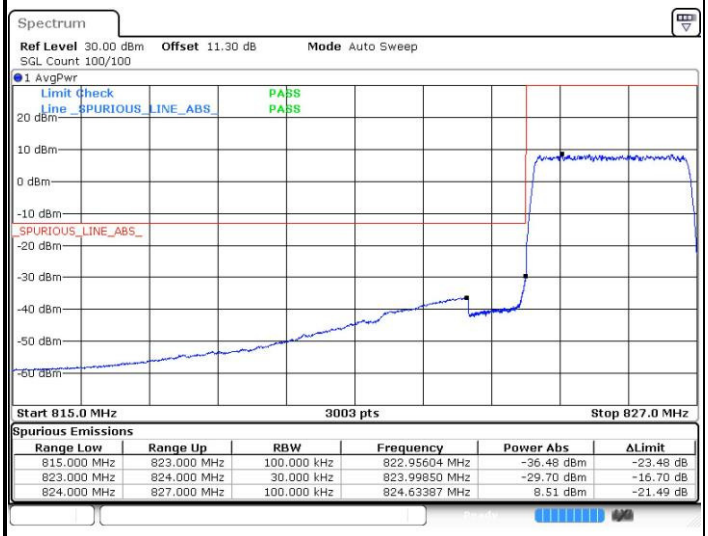


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.75574 MHz	17.71 dBm	-12.29 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-24.46 dBm	-11.46 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.02498 MHz	-48.40 dBm	-35.40 dB

Date: 23.APR.2016 10:43:42

Lowest Band Edge / Full RB

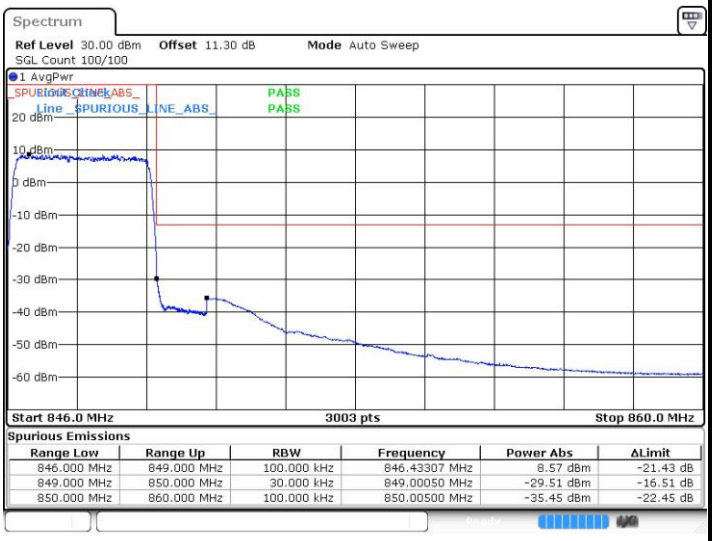


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.95604 MHz	-36.48 dBm	-23.48 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99850 MHz	-29.70 dBm	-16.70 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.63387 MHz	8.51 dBm	-21.49 dB

Date: 23.APR.2016 10:34:35

Highest Band Edge / Full RB



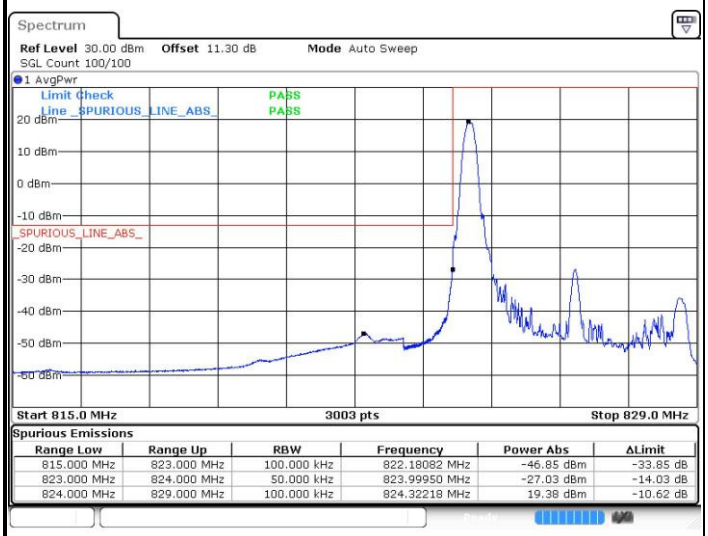
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	846.43307 MHz	8.57 dBm	-21.43 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-29.51 dBm	-16.51 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-35.45 dBm	-22.45 dB

Date: 23.APR.2016 10:47:47

LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB

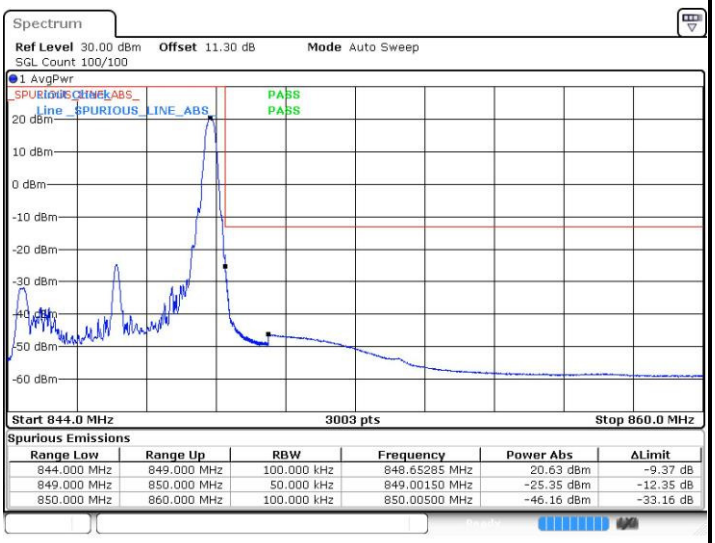


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.18082 MHz	-46.85 dBm	-33.85 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-27.03 dBm	-14.03 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.32218 MHz	19.38 dBm	-10.62 dB

Date: 23.APR.2016 10:52:20

Highest Band Edge / 1 RB

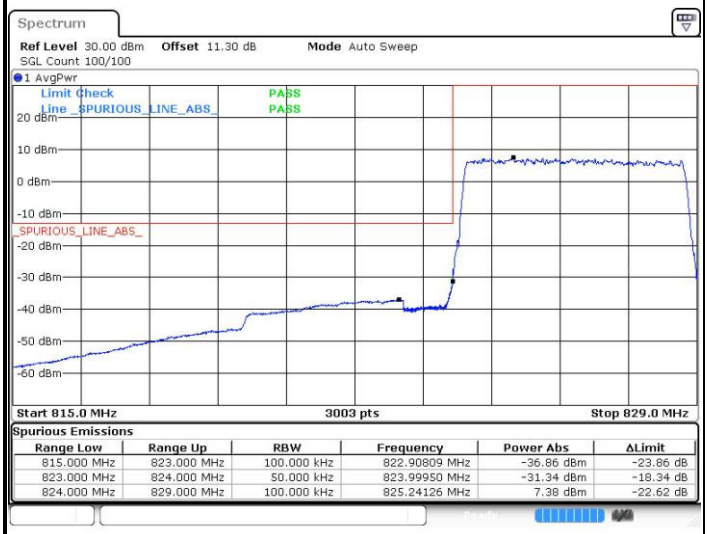


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.65285 MHz	20.63 dBm	-9.37 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00150 MHz	-25.35 dBm	-12.35 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-46.16 dBm	-33.16 dB

Date: 23.APR.2016 11:05:30

Lowest Band Edge / Full RB

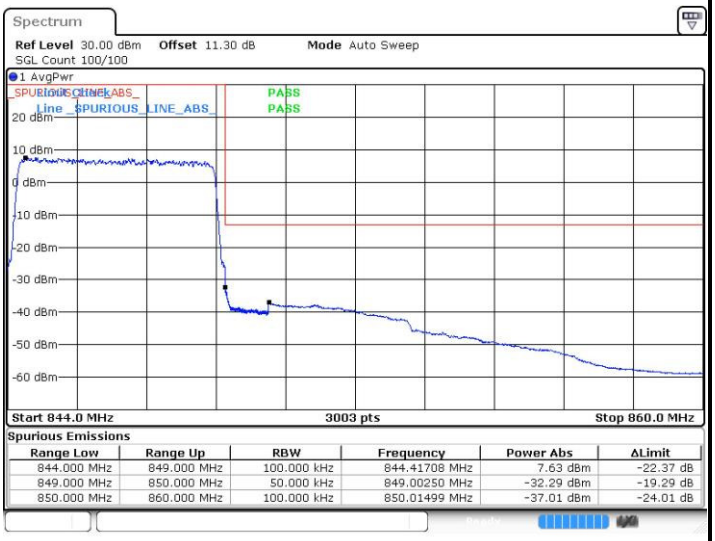


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.90809 MHz	-36.86 dBm	-23.86 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-31.34 dBm	-18.34 dB
824.000 MHz	829.000 MHz	100.000 kHz	825.24126 MHz	7.38 dBm	-22.62 dB

Date: 23.APR.2016 10:56:24

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	844.41708 MHz	7.63 dBm	-22.37 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00250 MHz	-32.29 dBm	-19.29 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-37.01 dBm	-24.01 dB

Date: 23.APR.2016 11:09:34