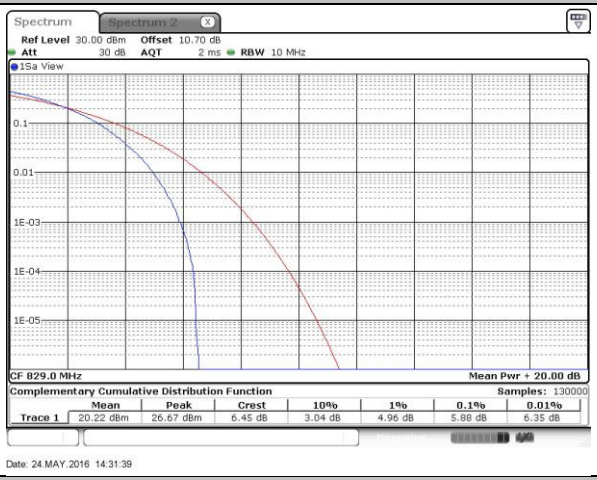
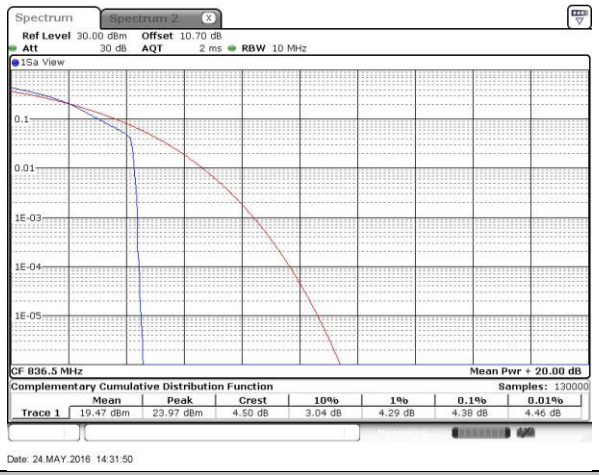
LTE Band 5 / 10MHz / 16QAM

Lowest Channel / 1RB

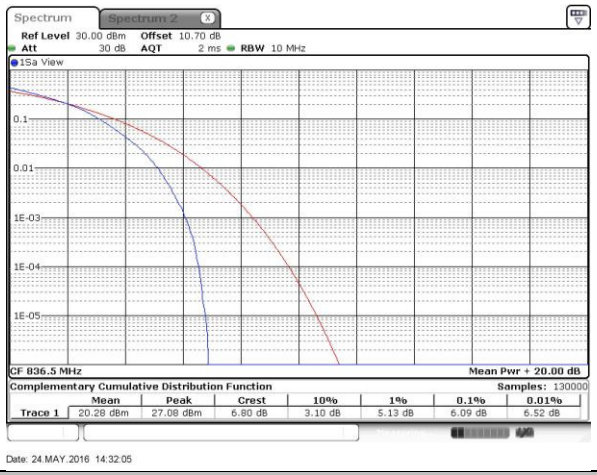
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB

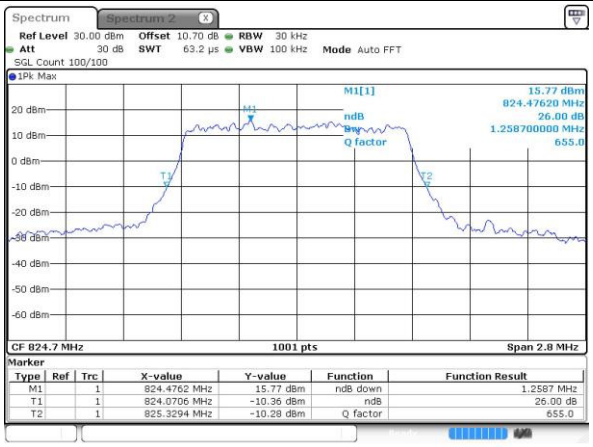
Highest Channel / Full RB

26dB Bandwidth

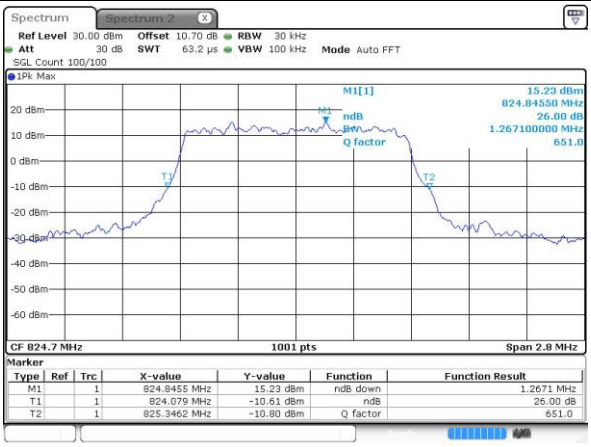
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.26	1.27	3.03	3.02	4.96	4.93	9.75	9.91	-	-	-	-
Middle CH	1.28	1.30	3.01	3.03	4.97	4.77	9.83	9.85	-	-	-	-
Highest CH	1.28	1.28	3.00	3.00	4.98	4.91	9.79	9.81	-	-	-	-

LTE Band 5

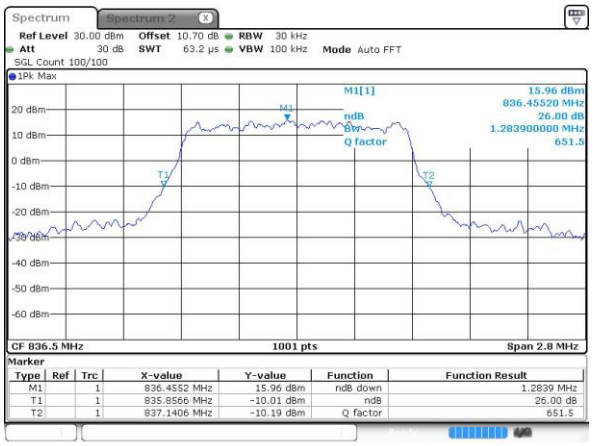
Lowest Channel / 1.4MHz / QPSK



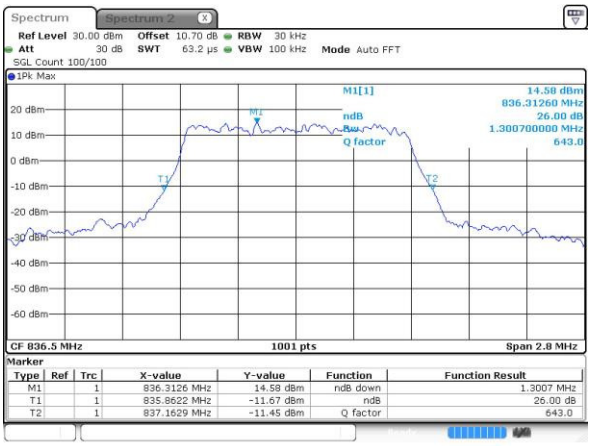
Lowest Channel / 1.4MHz / 16QAM



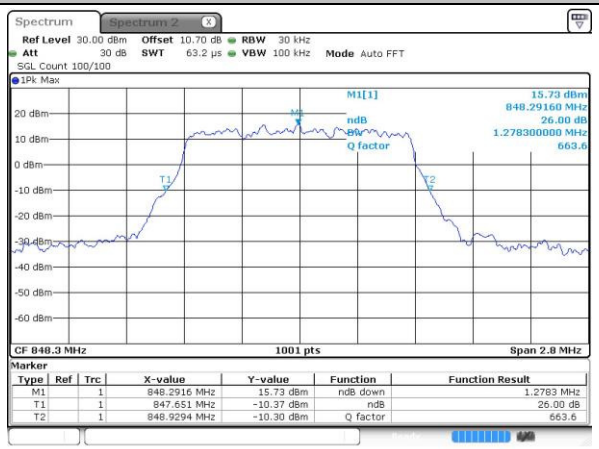
Middle Channel / 1.4MHz / QPSK



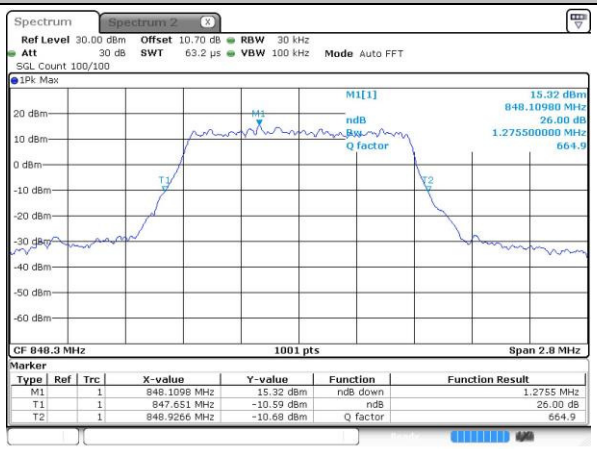
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

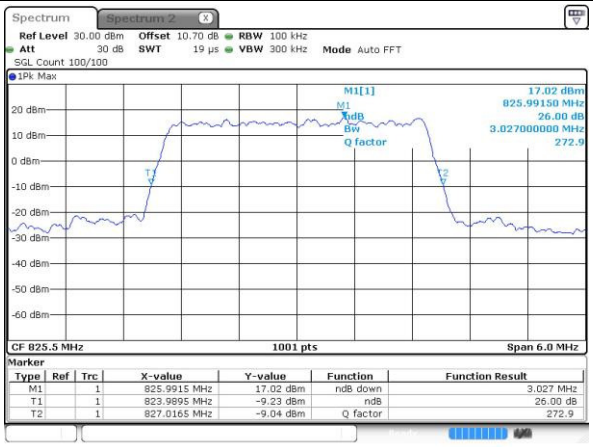


Highest Channel / 1.4MHz / 16QAM

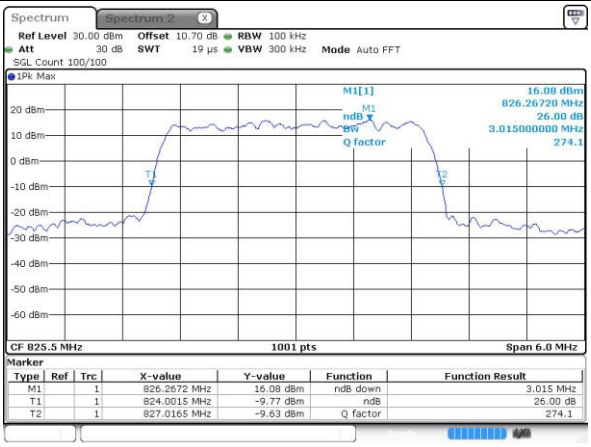


LTE Band 5

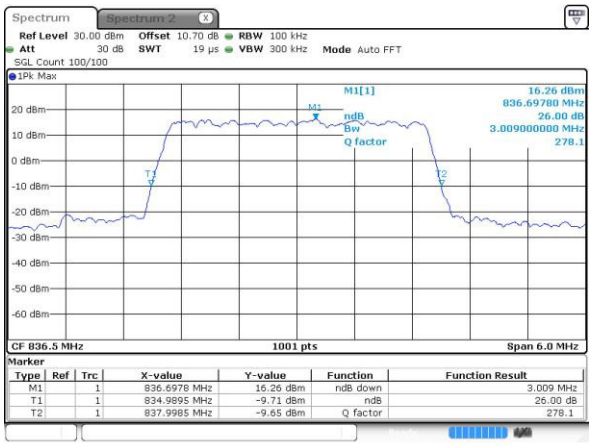
Lowest Channel / 3MHz / QPSK



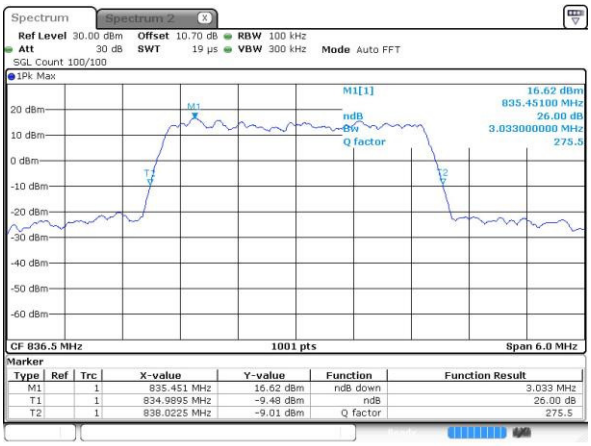
Lowest Channel / 3MHz / 16QAM



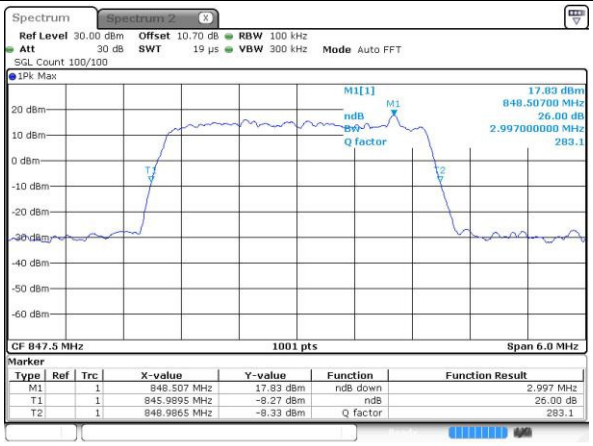
Middle Channel / 3MHz / QPSK



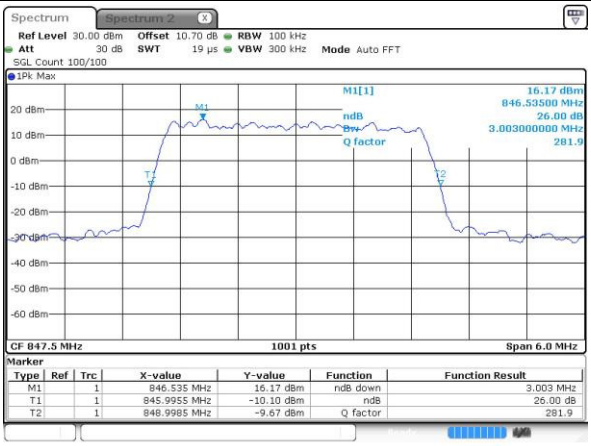
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

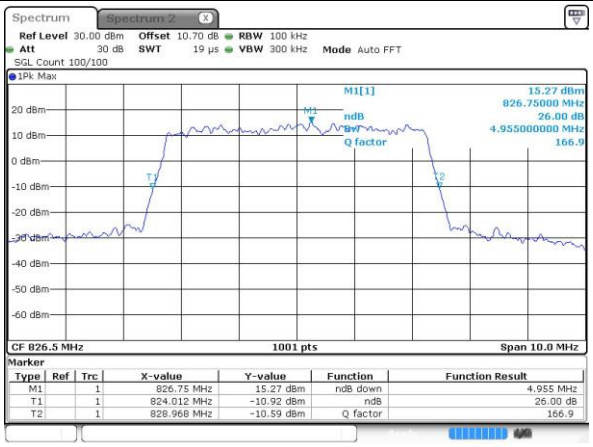


Highest Channel /3MHz / 16QAM

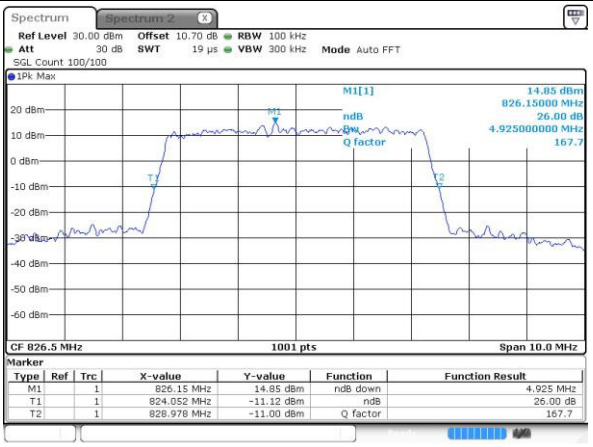


LTE Band 5

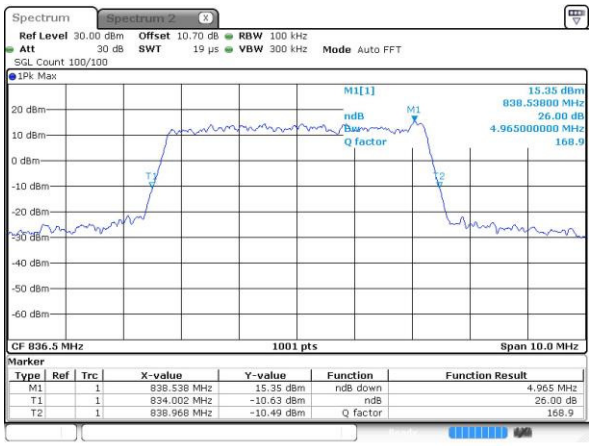
Lowest Channel / 5MHz / QPSK



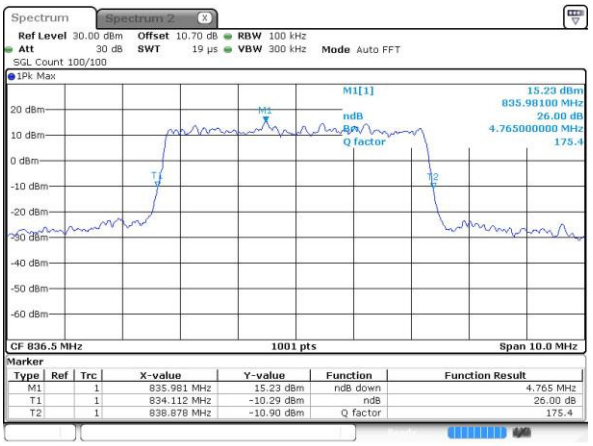
Lowest Channel / 5MHz / 16QAM



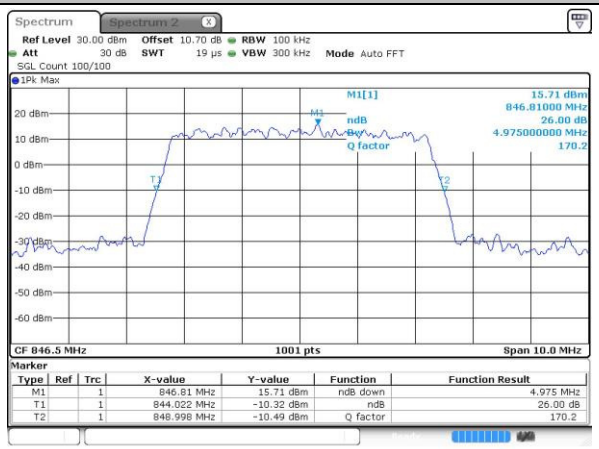
Middle Channel / 5MHz / QPSK



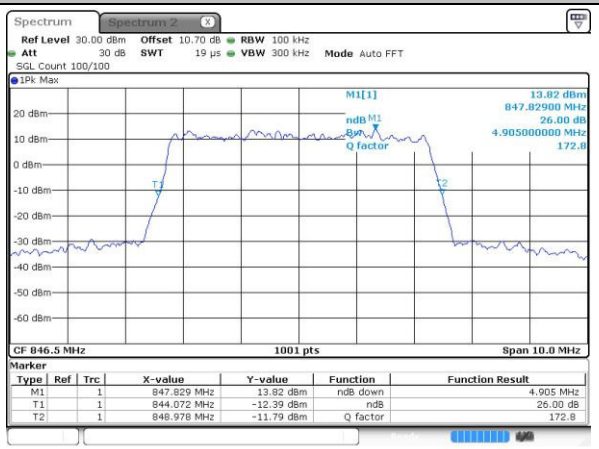
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

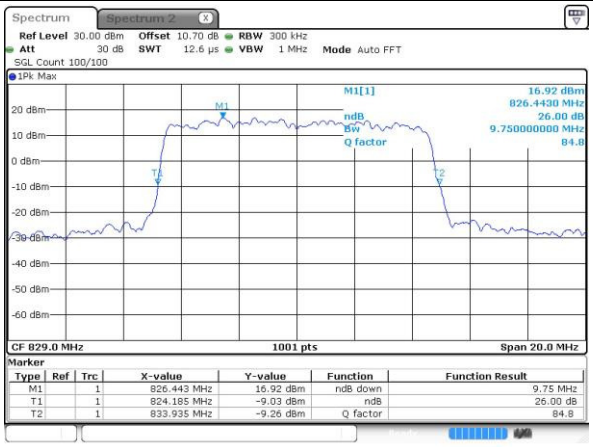


Highest Channel / 5MHz / 16QAM

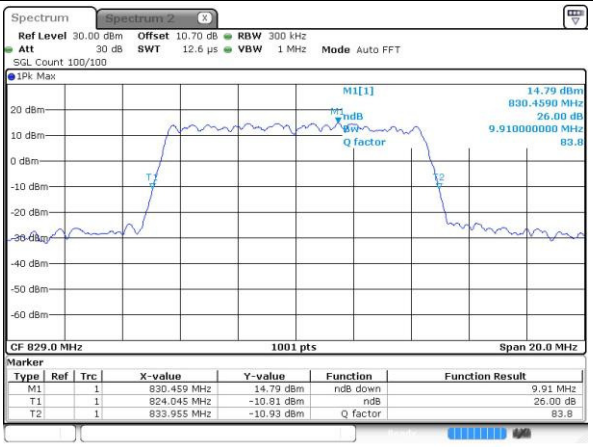


LTE Band 5

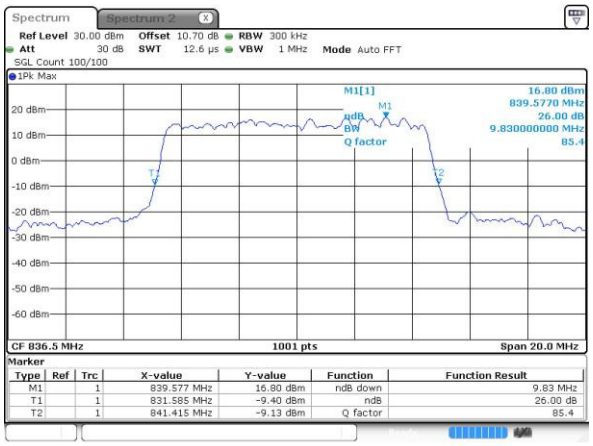
Lowest Channel / 10MHz / QPSK



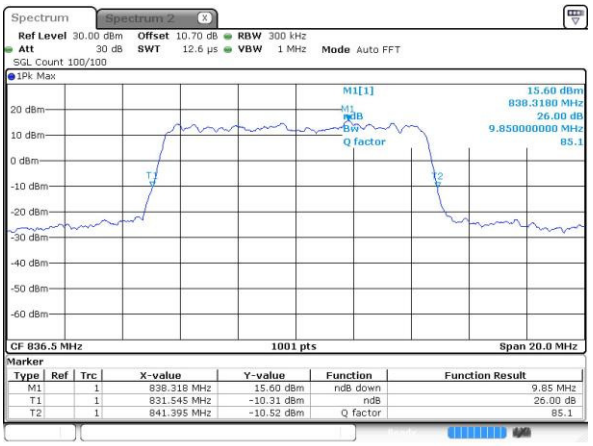
Lowest Channel / 10MHz / 16QAM



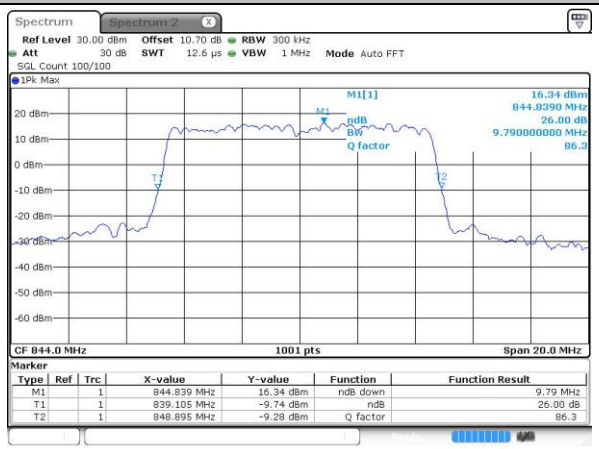
Middle Channel / 10MHz / QPSK



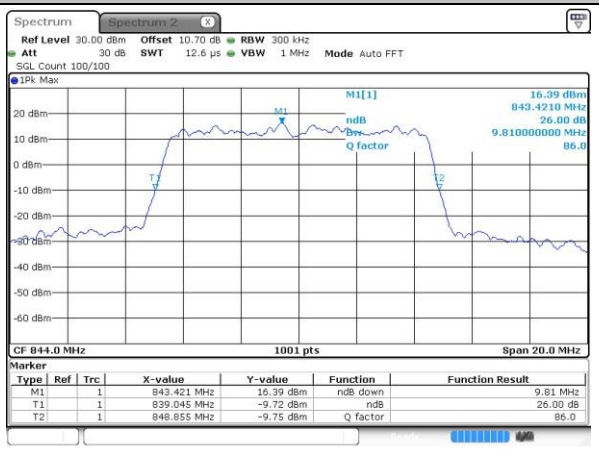
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

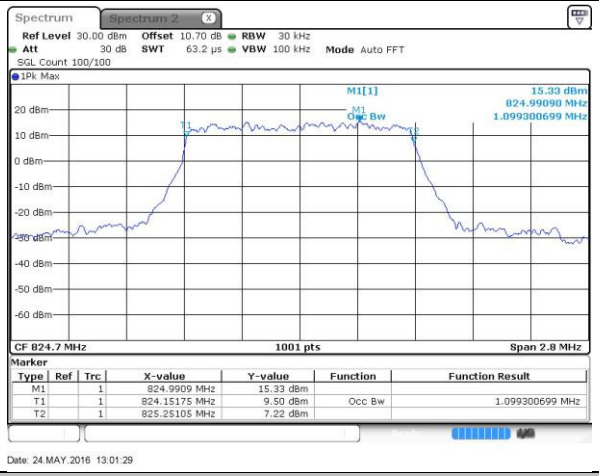


Occupied Bandwidth

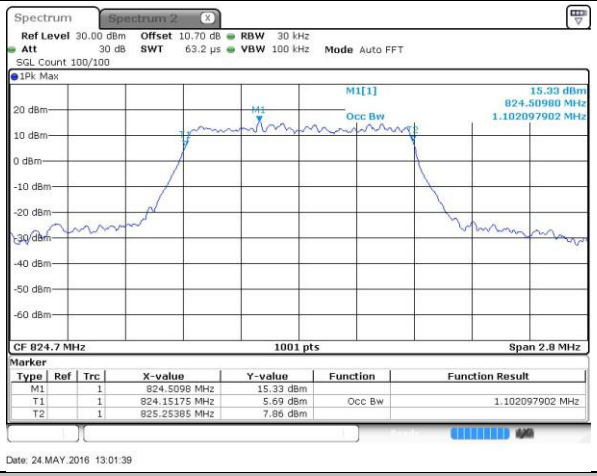
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.10	2.73	2.72	4.48	4.48	8.99	8.97	-	-	-	-
Middle CH	1.09	1.09	2.71	2.69	4.47	4.51	9.03	9.03	-	-	-	-
Highest CH	1.10	1.09	2.72	2.72	4.49	4.48	9.01	8.99	-	-	-	-

LTE Band 5

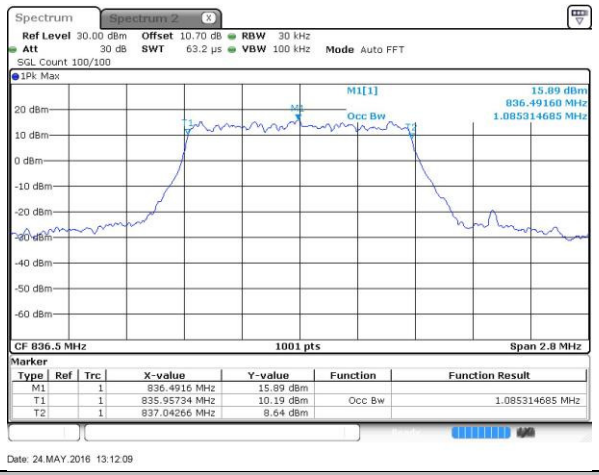
Lowest Channel / 1.4MHz / QPSK



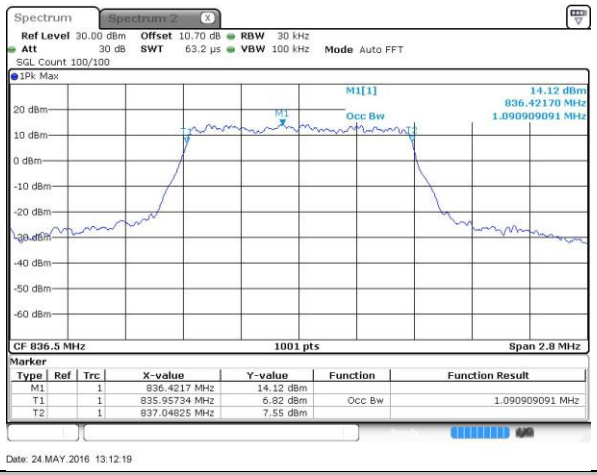
Lowest Channel / 1.4MHz / 16QAM



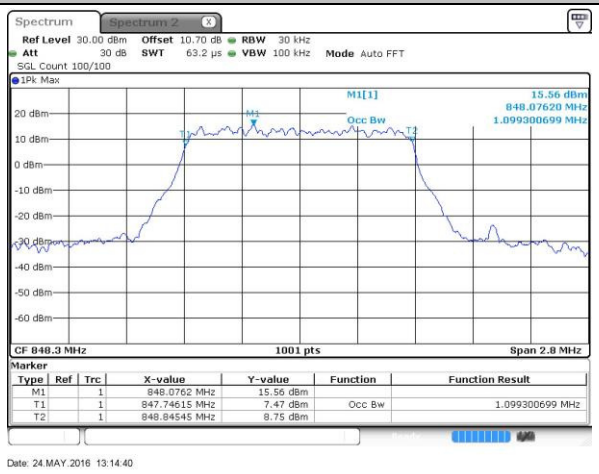
Middle Channel / 1.4MHz / QPSK



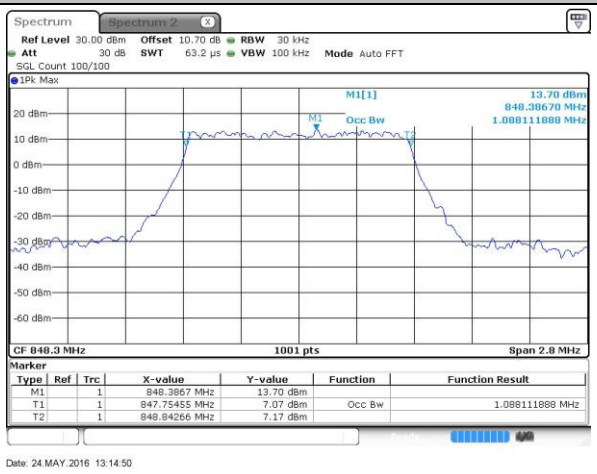
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

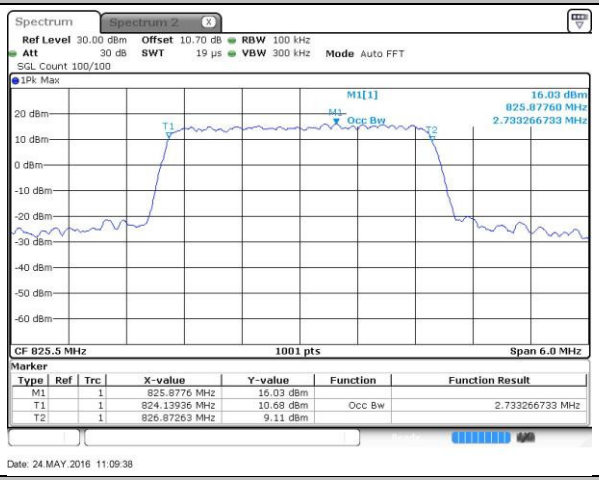


Highest Channel / 1.4MHz / 16QAM

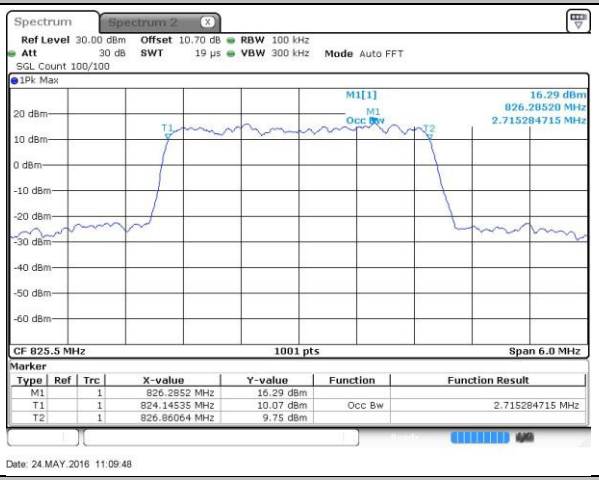


LTE Band 5

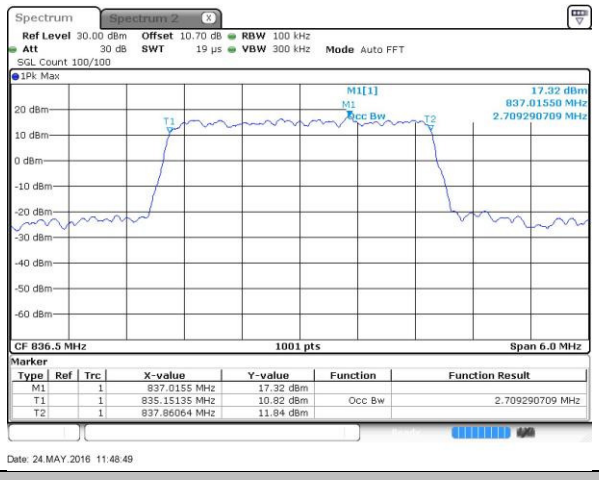
Lowest Channel / 3MHz / QPSK



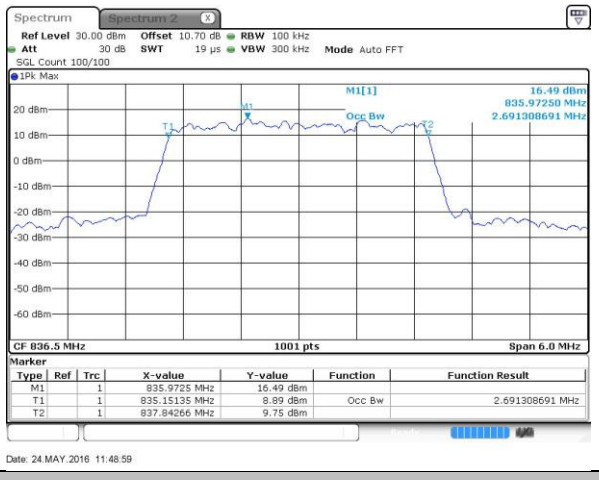
Lowest Channel / 3MHz / 16QAM



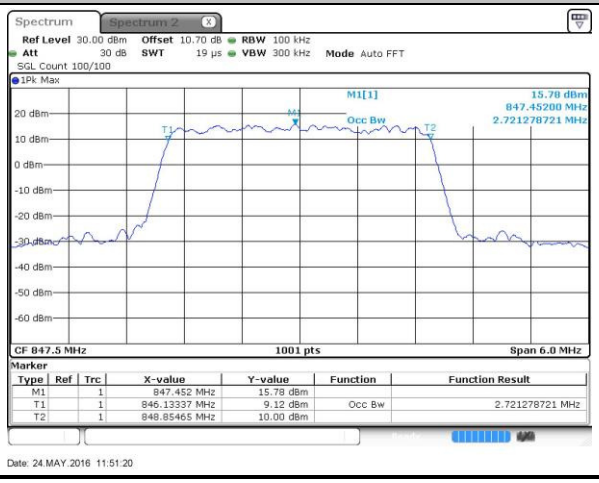
Middle Channel / 3MHz / QPSK



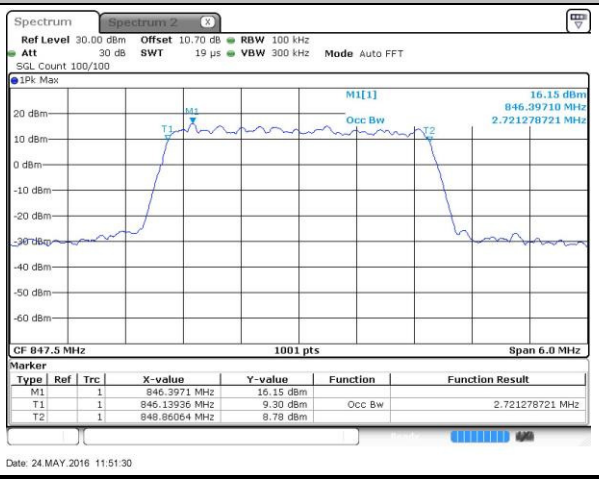
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

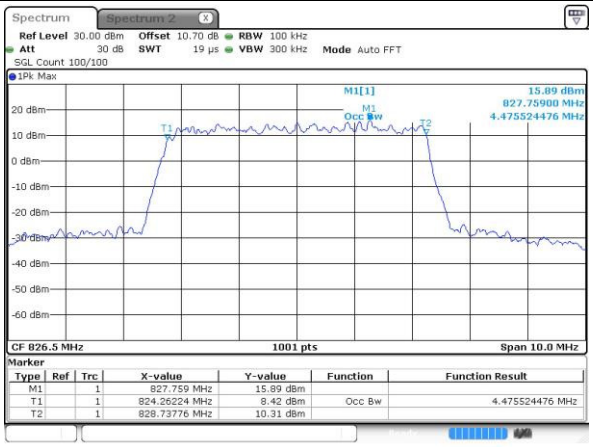


Highest Channel / 3MHz / 16QAM



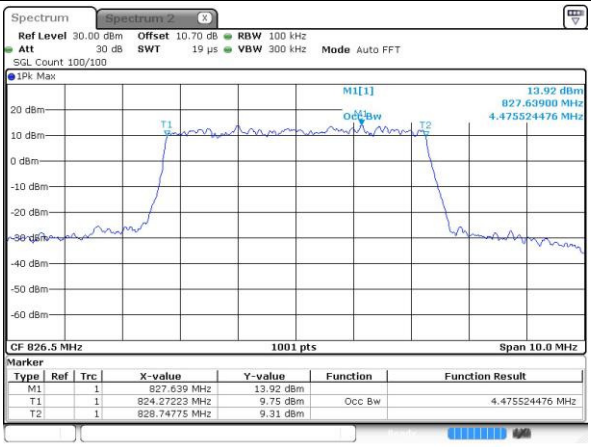
LTE Band 5

Lowest Channel / 5MHz / QPSK



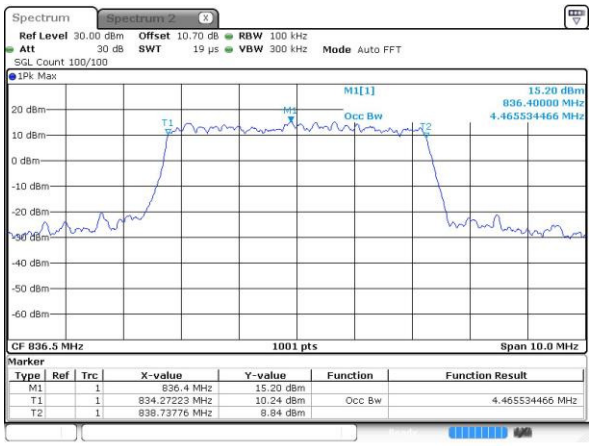
Date: 24.MAY.2016 12:02:00

Lowest Channel / 5MHz / 16QAM



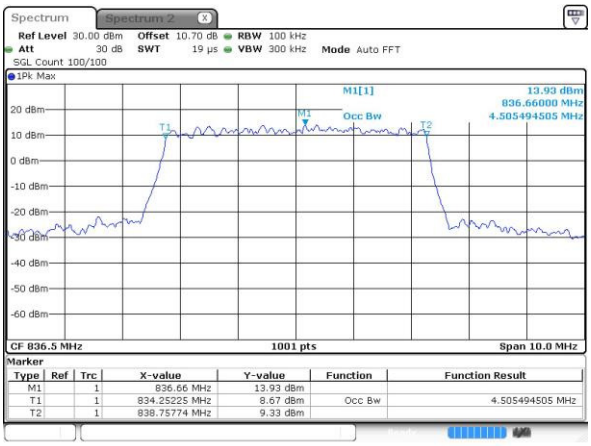
Date: 24.MAY.2016 12:02:10

Middle Channel / 5MHz / QPSK



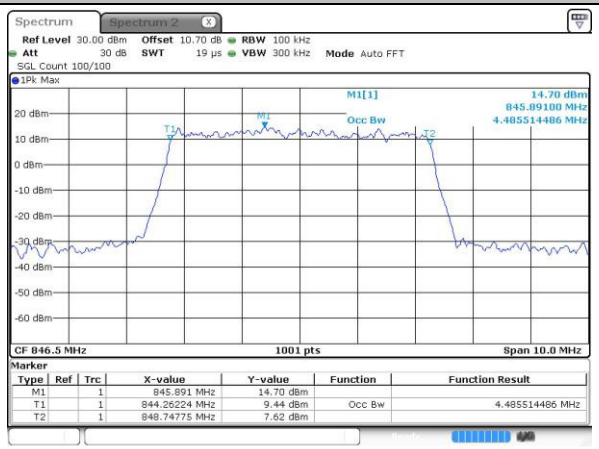
Date: 24.MAY.2016 12:12:40

Middle Channel / 5MHz / 16QAM



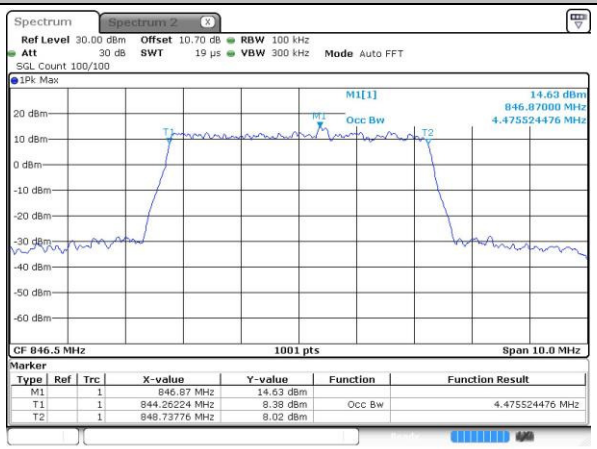
Date: 24.MAY.2016 12:12:50

Highest Channel / 5MHz / QPSK



Date: 24.MAY.2016 12:15:11

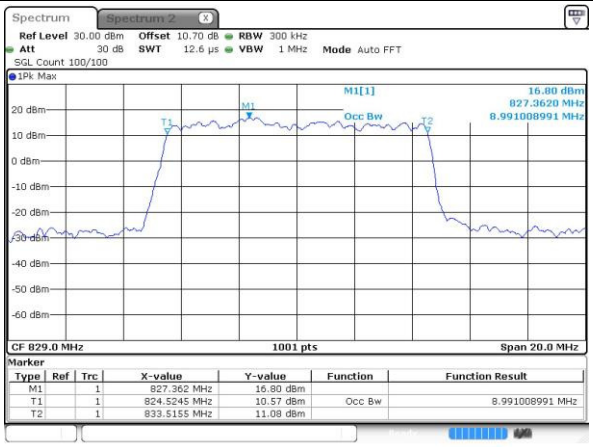
Highest Channel / 5MHz / 16QAM



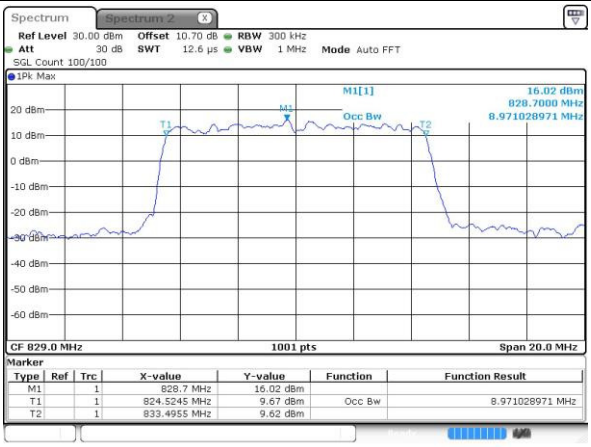
Date: 24.MAY.2016 12:15:21

LTE Band 5

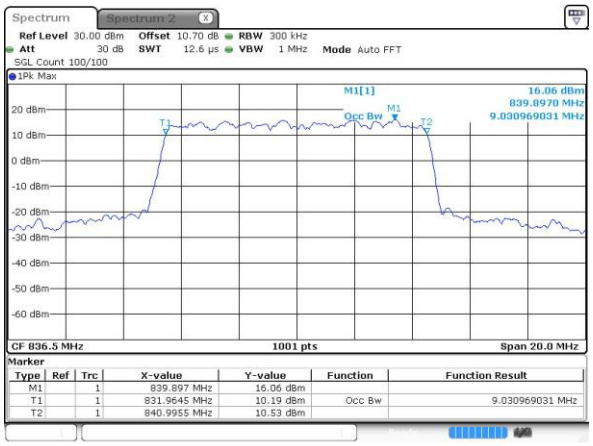
Lowest Channel / 10MHz / QPSK



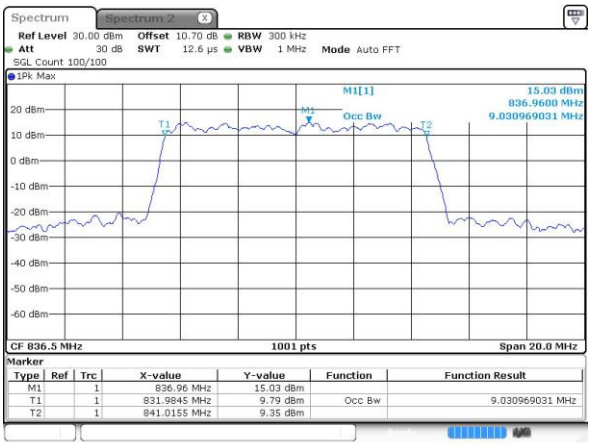
Lowest Channel / 10MHz / 16QAM



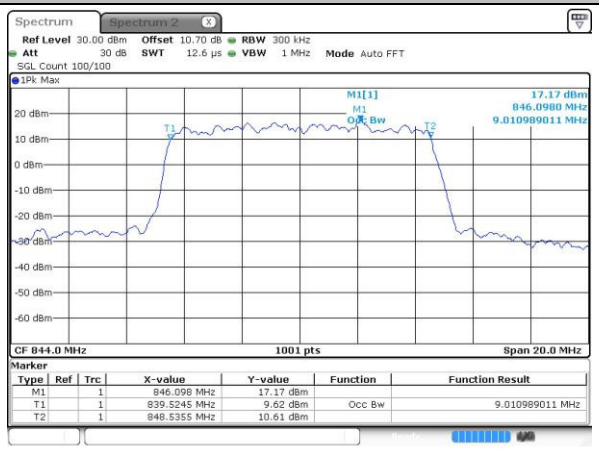
Middle Channel / 10MHz / QPSK



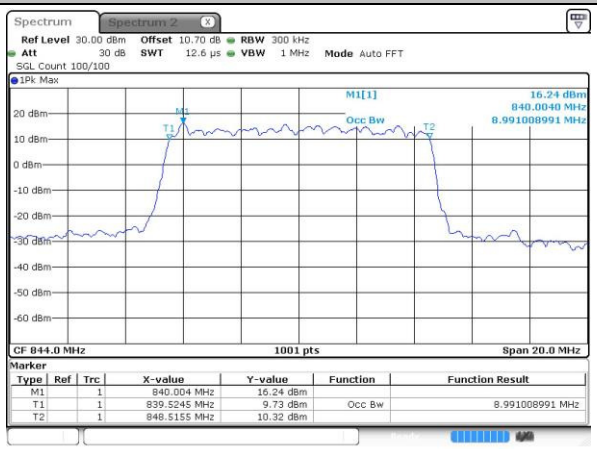
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



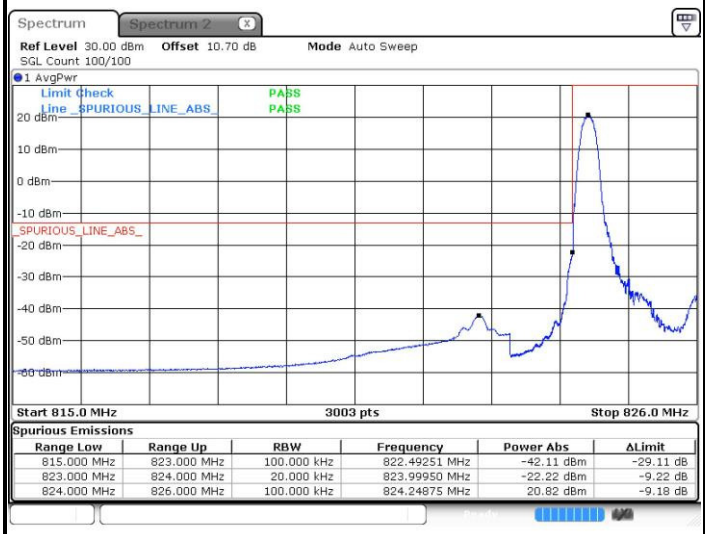
Highest Channel / 10MHz / 16QAM



Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

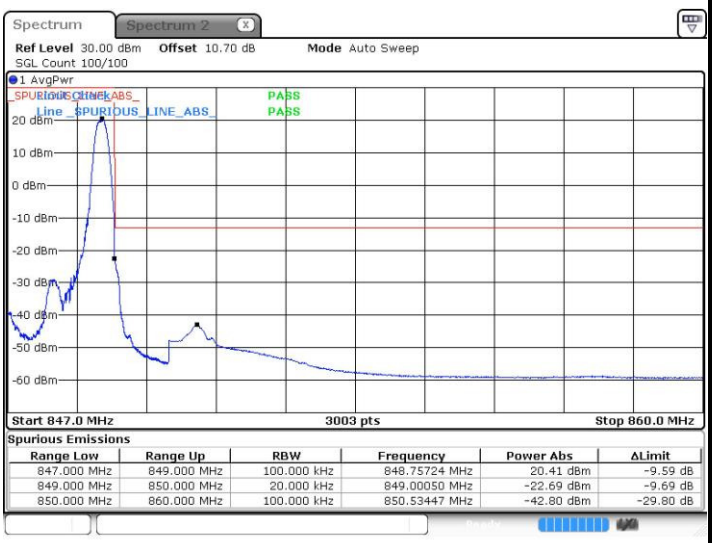


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.49251 MHz	-42.11 dBm	-29.11 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-22.22 dBm	-9.22 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.24875 MHz	20.82 dBm	-9.18 dB

Date: 24.MAY.2016 13:04:02

Highest Band Edge / 1RB

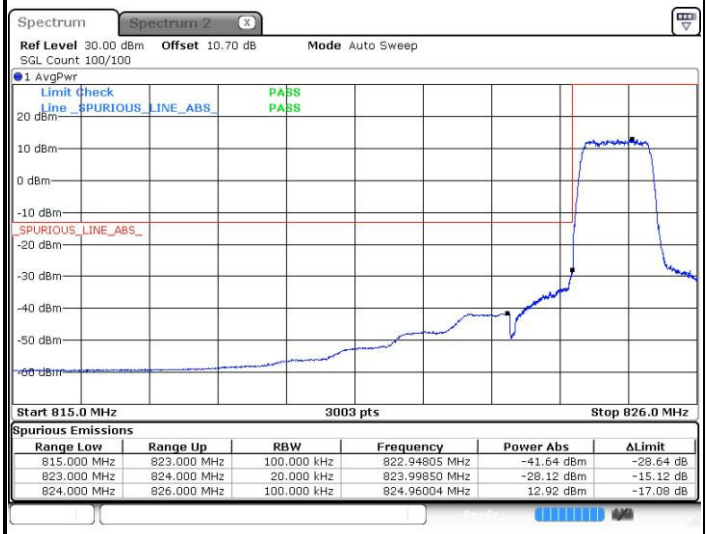


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.75724 MHz	20.41 dBm	-9.59 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-22.69 dBm	-9.69 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.53447 MHz	-42.80 dBm	-29.80 dB

Date: 24.MAY.2016 13:21:17

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	822.94805 MHz	-41.64 dBm	-28.64 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99850 MHz	-28.12 dBm	-15.12 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.96004 MHz	12.92 dBm	-17.08 dB

Date: 24.MAY.2016 13:08:07

Highest Band Edge / Full RB

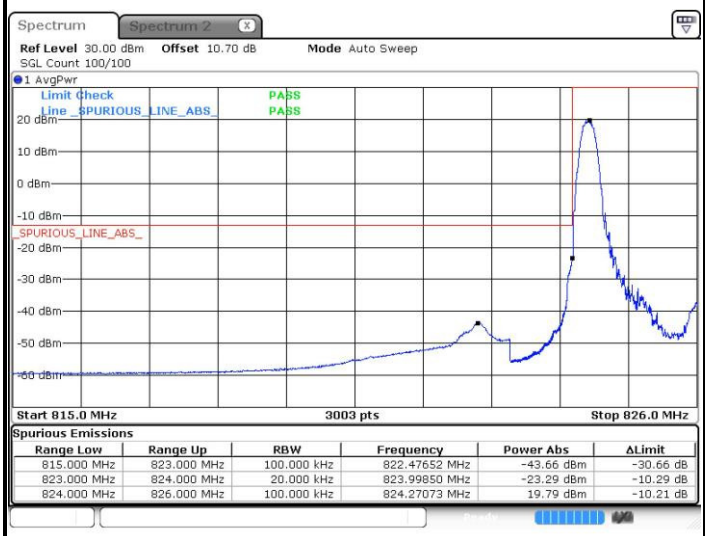
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.49950 MHz	12.49 dBm	-17.51 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-29.38 dBm	-16.38 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.11489 MHz	-43.37 dBm	-30.37 dB

Date: 24.MAY.2016 13:17:13

LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

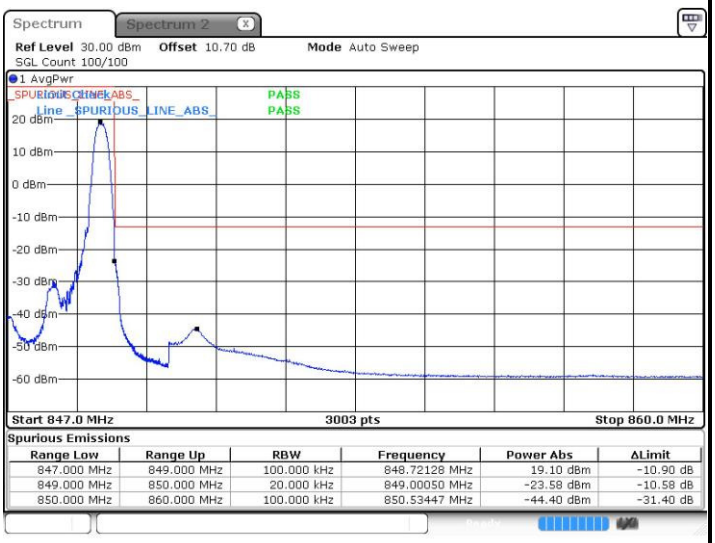


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.47652 MHz	-43.66 dBm	-30.66 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99850 MHz	-23.29 dBm	-10.29 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.27073 MHz	19.79 dBm	-10.21 dB

Date: 24.MAY.2016 13:06:04

Highest Band Edge / 1 RB

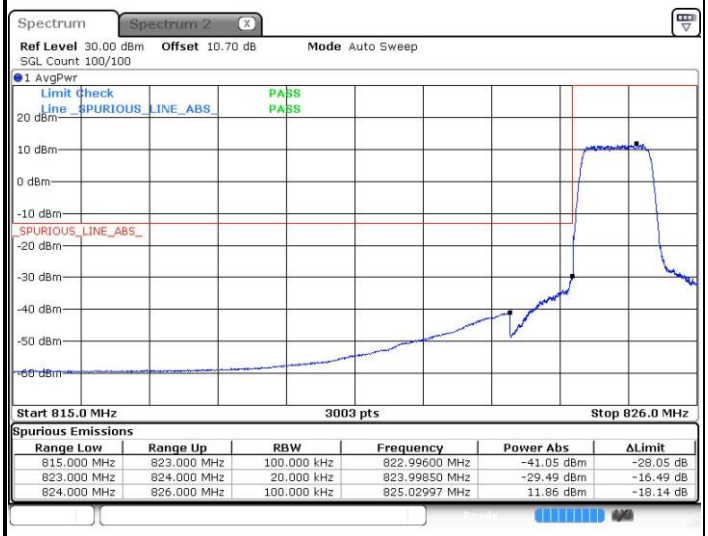


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.72128 MHz	19.10 dBm	-10.90 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-23.58 dBm	-10.58 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.53447 MHz	-44.40 dBm	-31.40 dB

Date: 24.MAY.2016 13:23:20

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	-41.05 dBm	-28.05 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99850 MHz	-29.49 dBm	-16.49 dB
824.000 MHz	826.000 MHz	100.000 kHz	825.02997 MHz	11.86 dBm	-18.14 dB

Date: 24.MAY.2016 13:10:09

Highest Band Edge / Full RB

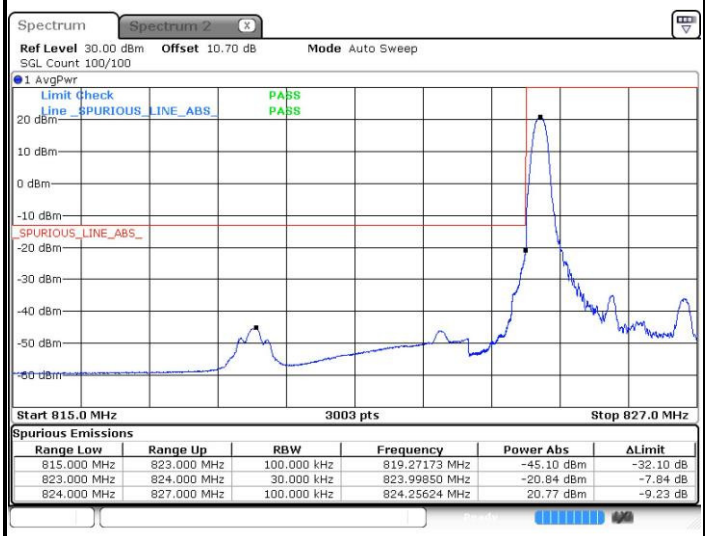
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.12587 MHz	11.46 dBm	-18.54 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-30.48 dBm	-17.48 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.05495 MHz	-43.09 dBm	-30.09 dB

Date: 24.MAY.2016 13:19:15

LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB

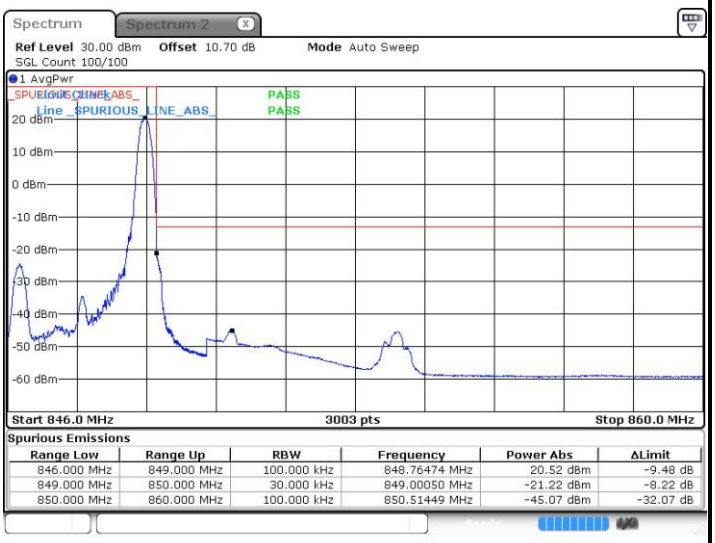


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	819.27173 MHz	-45.10 dBm	-32.10 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99850 MHz	-20.84 dBm	-7.84 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.25624 MHz	20.77 dBm	-9.23 dB

Date: 24.MAY.2016 11:12:11

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	848.76474 MHz	20.52 dBm	-9.48 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-21.22 dBm	-8.22 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.51449 MHz	-45.07 dBm	-32.07 dB

Date: 24.MAY.2016 11:53:53

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	822.78821 MHz	-33.41 dBm	-20.41 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-29.15 dBm	-16.15 dB
824.000 MHz	827.000 MHz	100.000 kHz	826.05145 MHz	9.21 dBm	-20.79 dB

Date: 24.MAY.2016 11:16:16

Highest Band Edge / Full RB

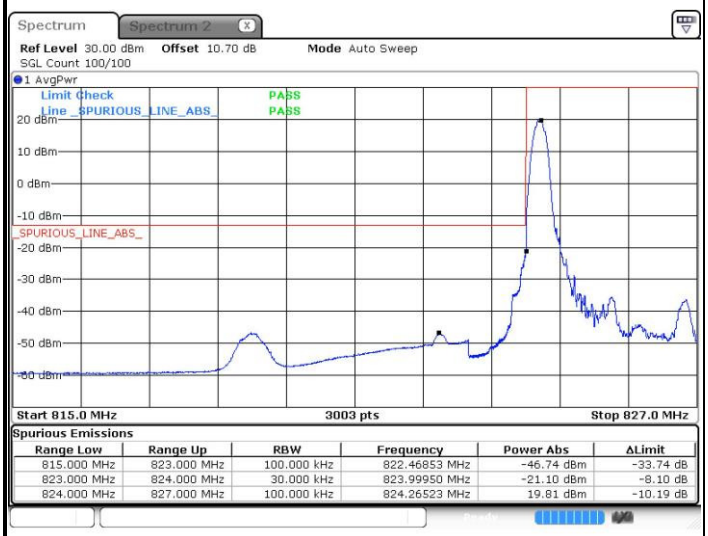
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	847.00250 MHz	8.88 dBm	-21.12 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-29.88 dBm	-16.88 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.19481 MHz	-37.37 dBm	-24.37 dB

Date: 24.MAY.2016 11:57:58

LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

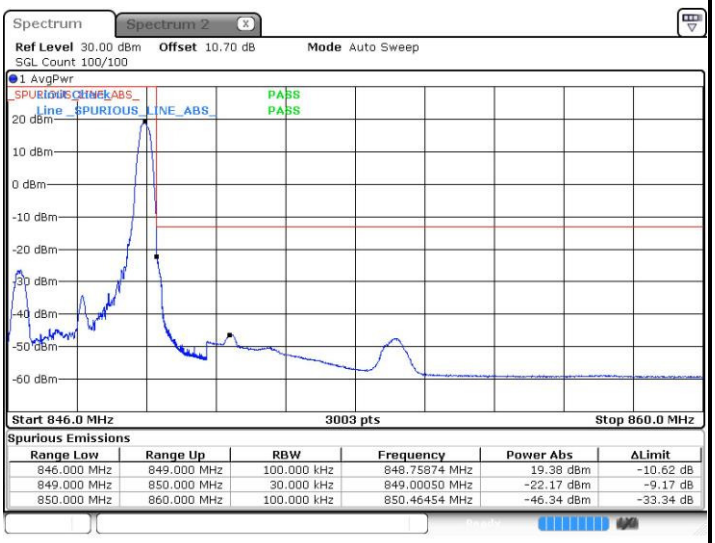


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.46853 MHz	-46.74 dBm	-33.74 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-21.10 dBm	-8.10 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.26523 MHz	19.81 dBm	-10.19 dB

Date: 24.MAY.2016 11:14:13

Highest Band Edge /1 RB

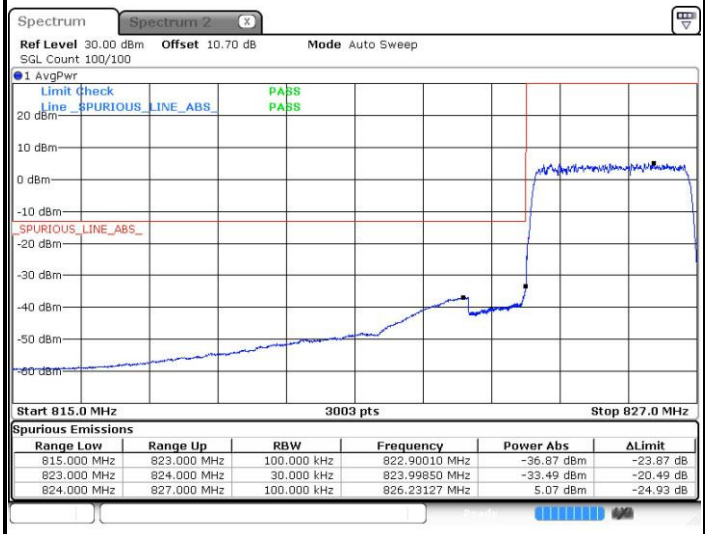


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.75874 MHz	19.38 dBm	-10.62 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-22.17 dBm	-9.17 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.46454 MHz	-46.34 dBm	-33.34 dB

Date: 24.MAY.2016 11:55:55

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	822.90010 MHz	-36.87 dBm	-23.87 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99850 MHz	-33.49 dBm	-20.49 dB
824.000 MHz	827.000 MHz	100.000 kHz	826.23127 MHz	5.07 dBm	-24.93 dB

Date: 24.MAY.2016 11:18:18

Highest Band Edge / Full RB

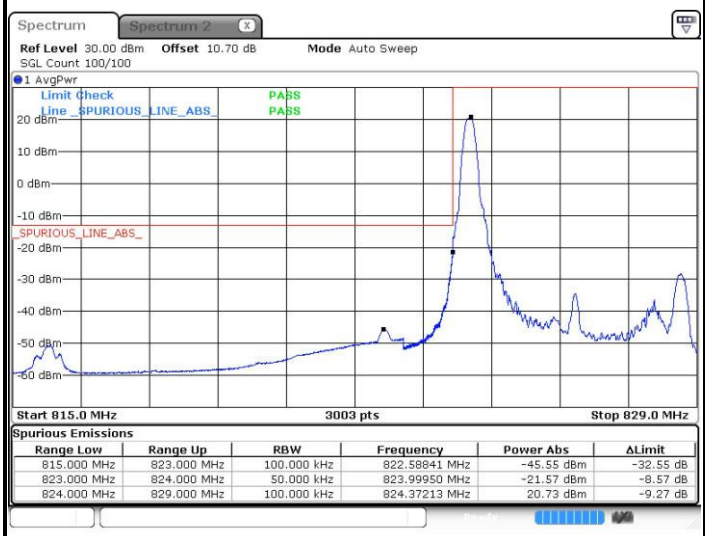
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	847.85964 MHz	7.81 dBm	-22.19 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00150 MHz	-30.56 dBm	-17.56 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.11489 MHz	-37.68 dBm	-24.68 dB

Date: 24.MAY.2016 12:00:00

LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB

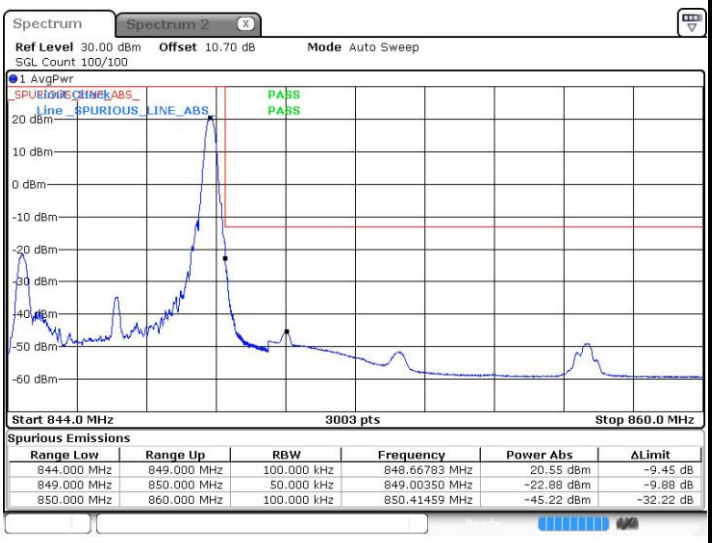


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.58841 MHz	-45.55 dBm	-32.55 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-21.57 dBm	-8.57 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.37213 MHz	20.73 dBm	-9.27 dB

Date: 24.MAY.2016 12:04:33

Highest Band Edge / 1 RB

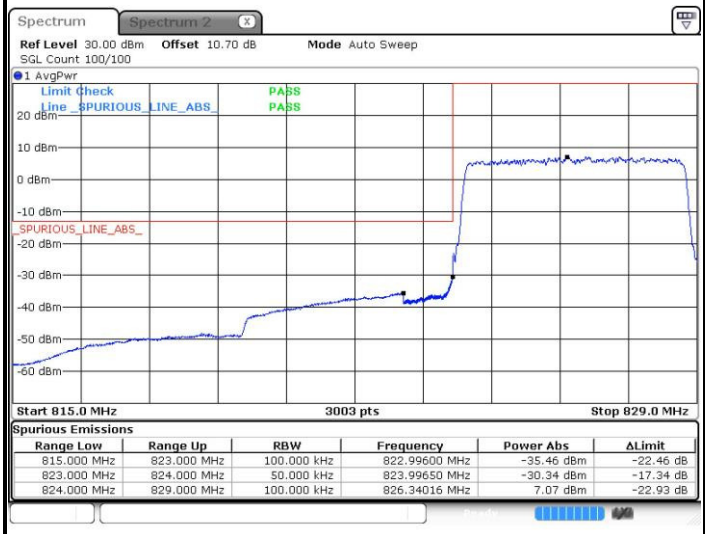


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.66783 MHz	20.55 dBm	-9.45 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00350 MHz	-22.88 dBm	-9.88 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.41459 MHz	-45.22 dBm	-32.22 dB

Date: 24.MAY.2016 12:17:44

Lowest Band Edge / Full RB

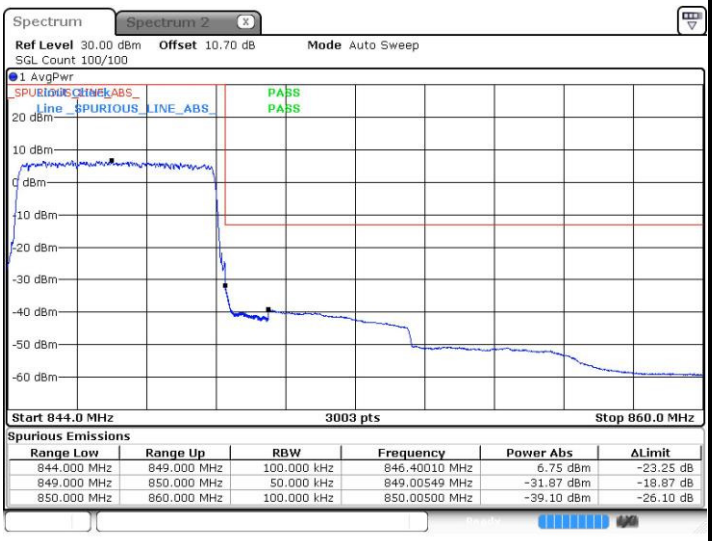


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-35.46 dBm	-22.46 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99650 MHz	-30.34 dBm	-17.34 dB
824.000 MHz	829.000 MHz	100.000 kHz	826.34016 MHz	7.07 dBm	-22.93 dB

Date: 24.MAY.2016 12:08:38

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	846.40010 MHz	6.75 dBm	-23.25 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00549 MHz	-31.87 dBm	-18.87 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-39.10 dBm	-26.10 dB

Date: 24.MAY.2016 12:21:49