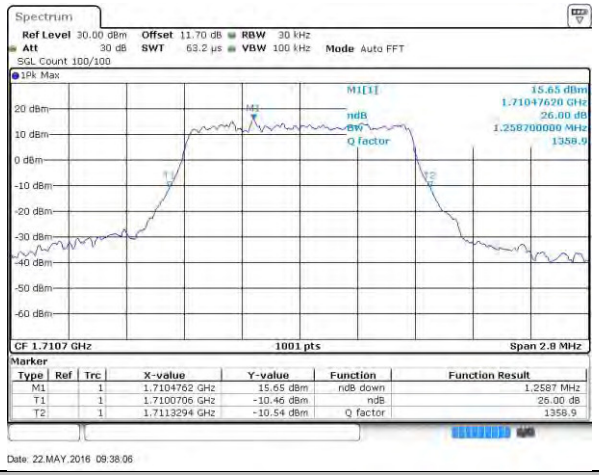
26dB Bandwidth

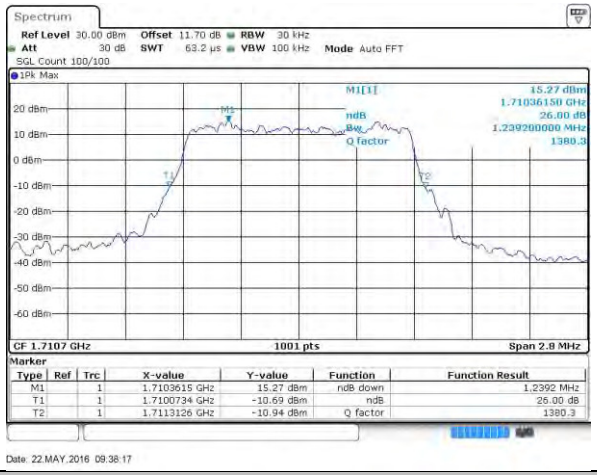
Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.26	1.24	2.99	3.03	4.92	4.96	9.83	9.77	14.42	14.66	20.18	20.02
Middle CH	1.26	1.27	3	3.04	4.97	4.92	9.75	9.73	14.27	14.33	20.26	20.14
Highest CH	1.27	1.25	2.99	3.02	4.97	4.93	9.91	9.81	14.57	14.63	20.46	20.14

LTE Band 4

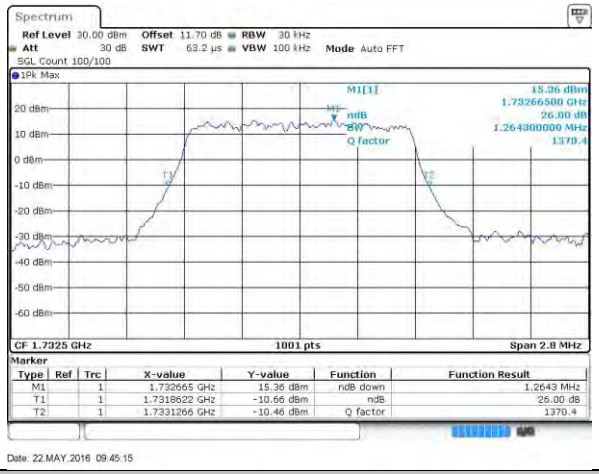
Lowest Channel / 1.4MHz / QPSK



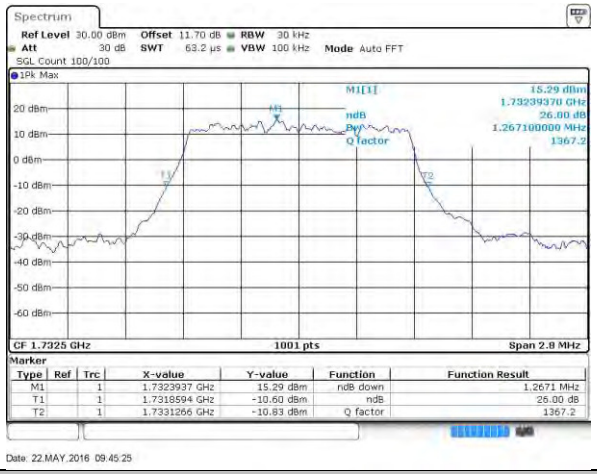
Lowest Channel / 1.4MHz / 16QAM



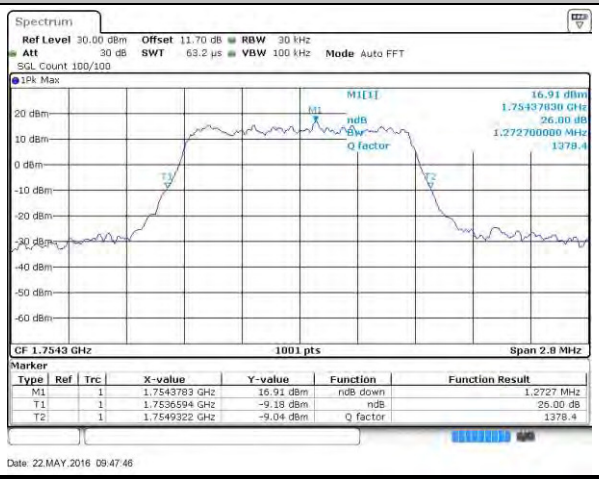
Middle Channel / 1.4MHz / QPSK



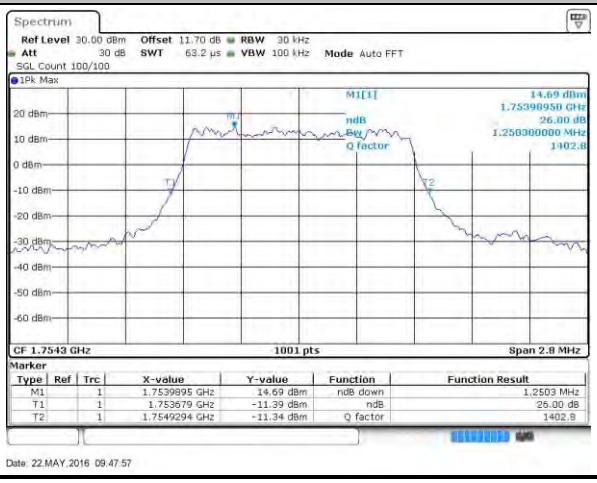
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

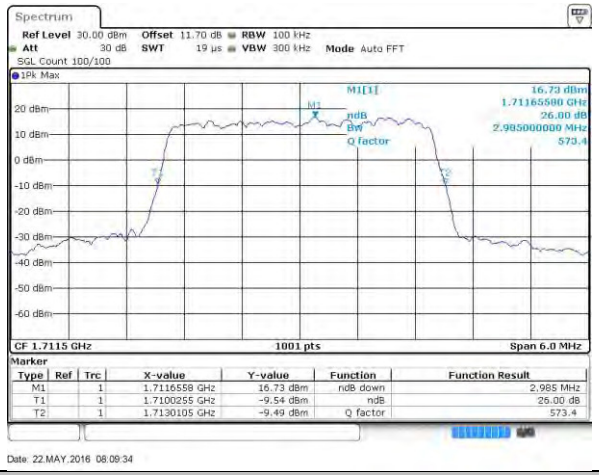


Highest Channel / 1.4MHz / 16QAM

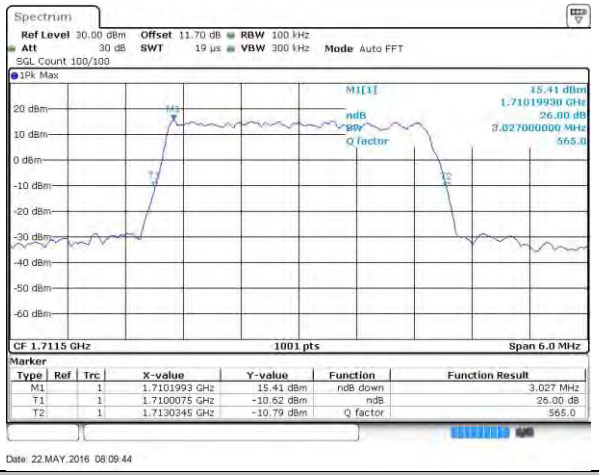


LTE Band 4

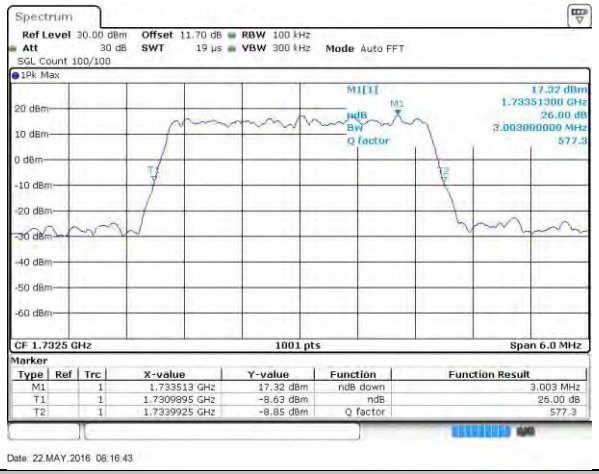
Lowest Channel / 3MHz / QPSK



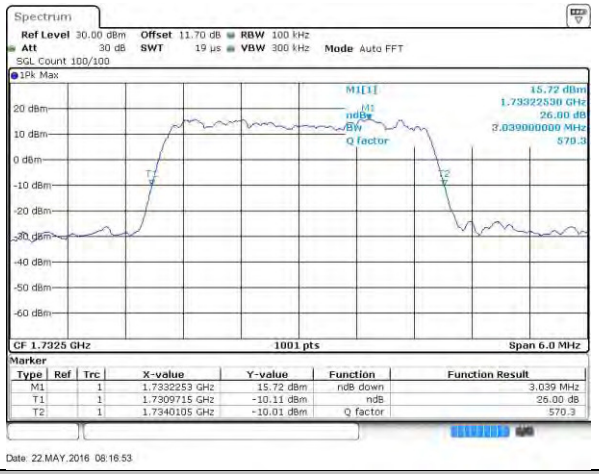
Lowest Channel / 3MHz / 16QAM



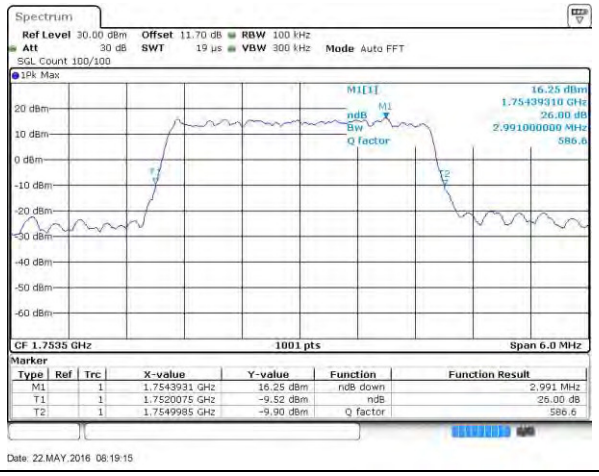
Middle Channel / 3MHz / QPSK



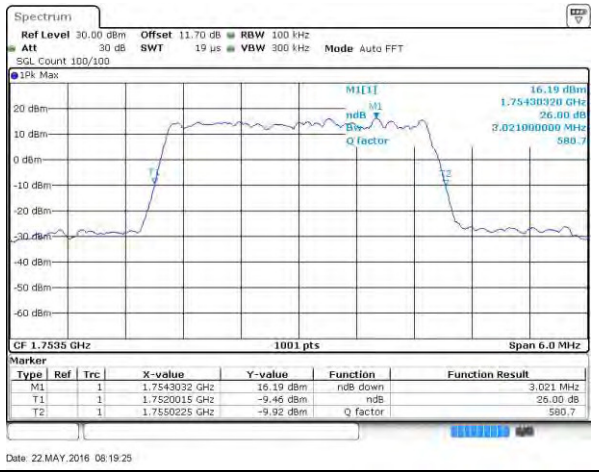
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

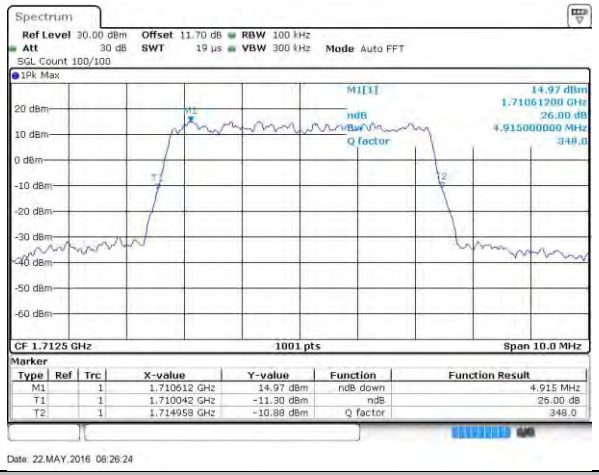


Highest Channel /3MHz / 16QAM

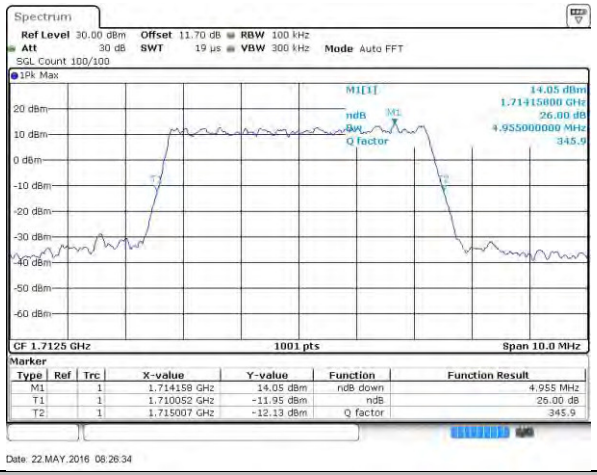


LTE Band 4

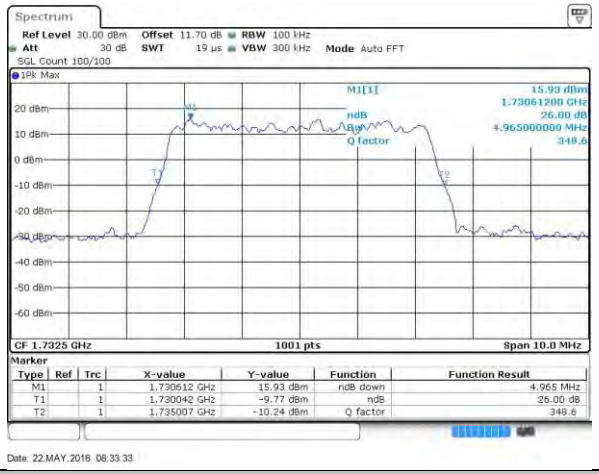
Lowest Channel / 5MHz / QPSK



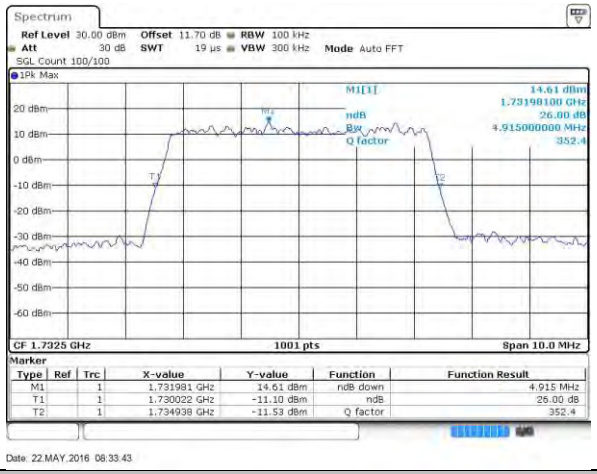
Lowest Channel / 5MHz / 16QAM



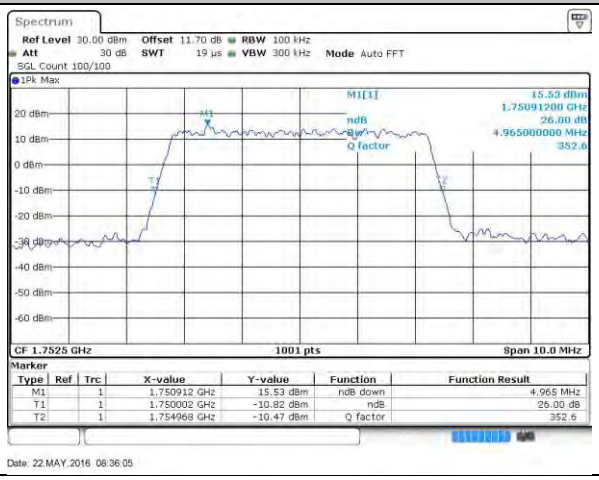
Middle Channel / 5MHz / QPSK



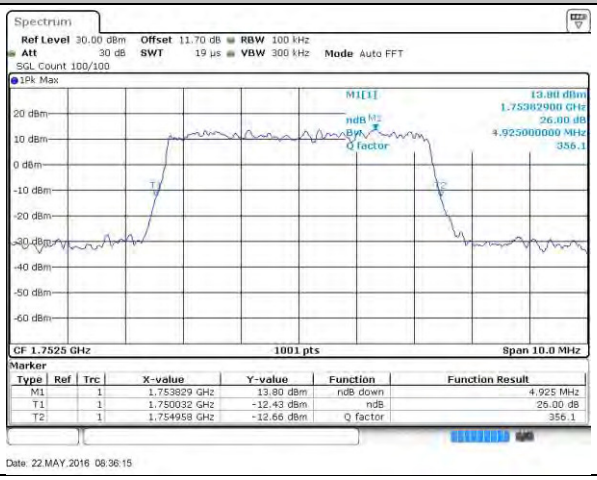
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

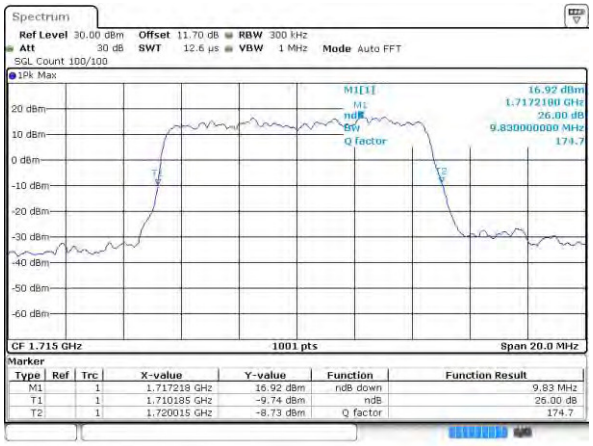


Highest Channel / 5MHz / 16QAM

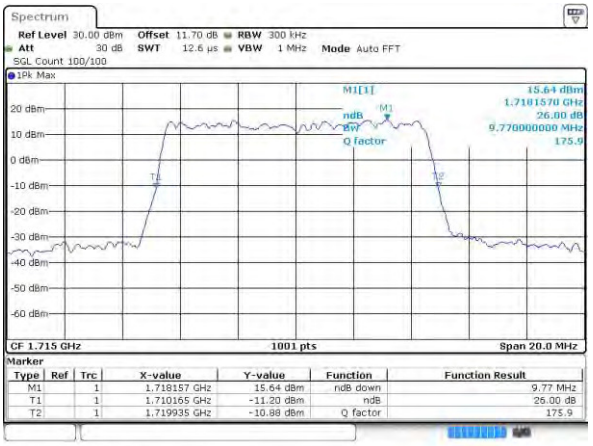


LTE Band 4

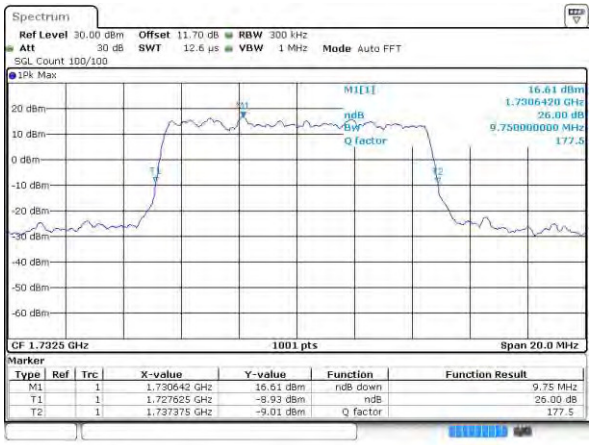
Lowest Channel / 10MHz / QPSK



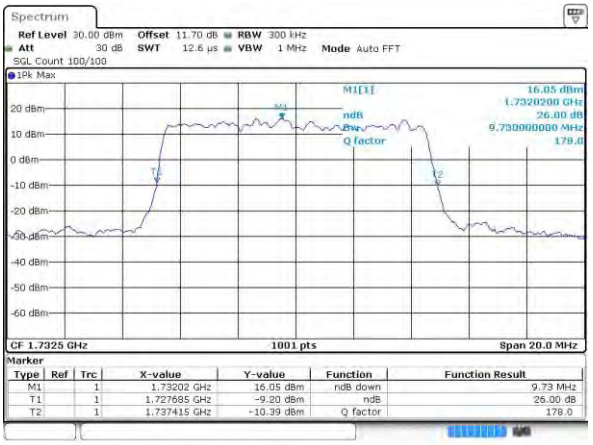
Lowest Channel / 10MHz / 16QAM



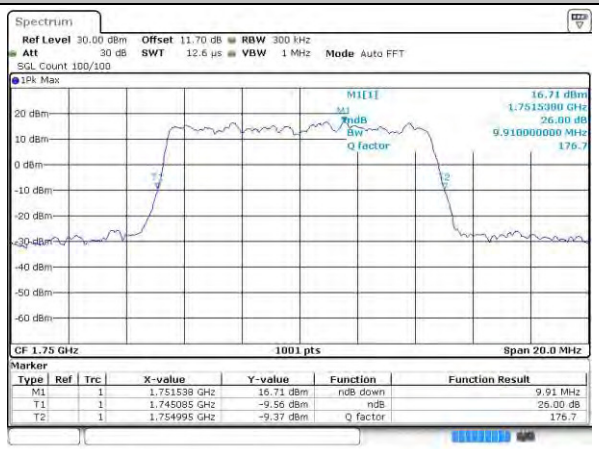
Middle Channel / 10MHz / QPSK



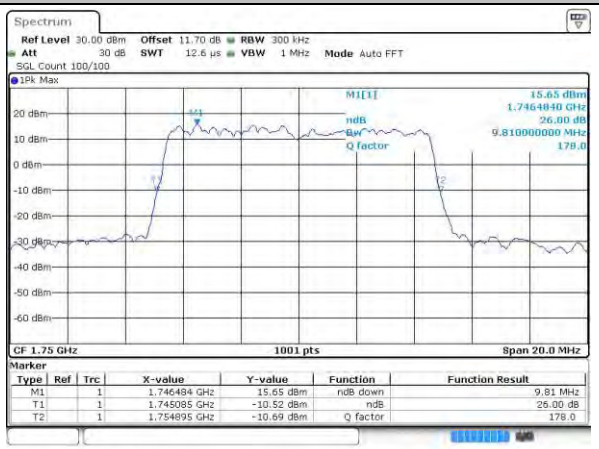
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

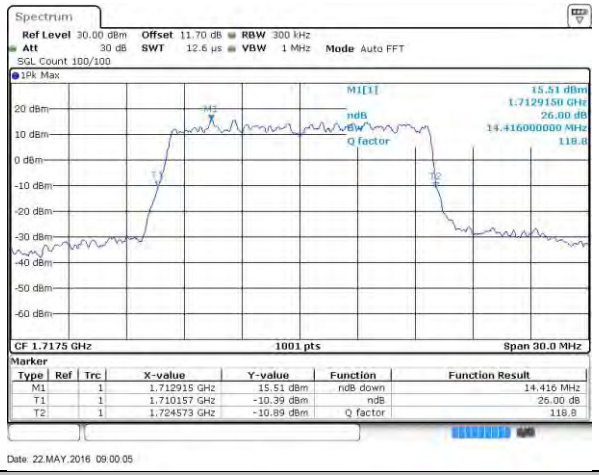


Highest Channel / 10MHz / 16QAM

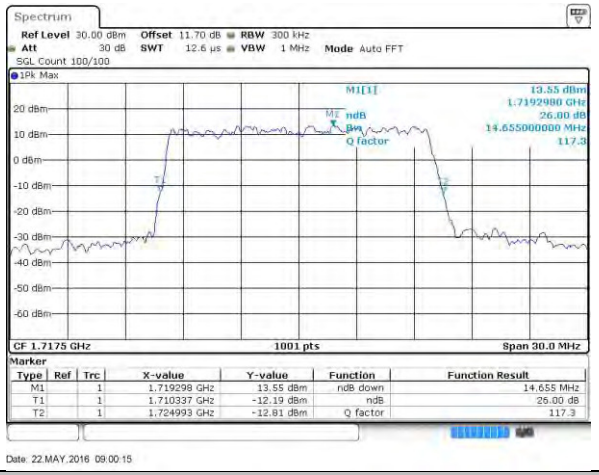


LTE Band 4

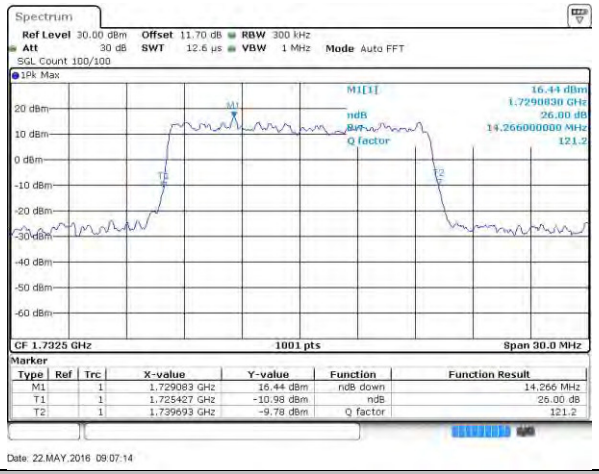
Lowest Channel / 15MHz / QPSK



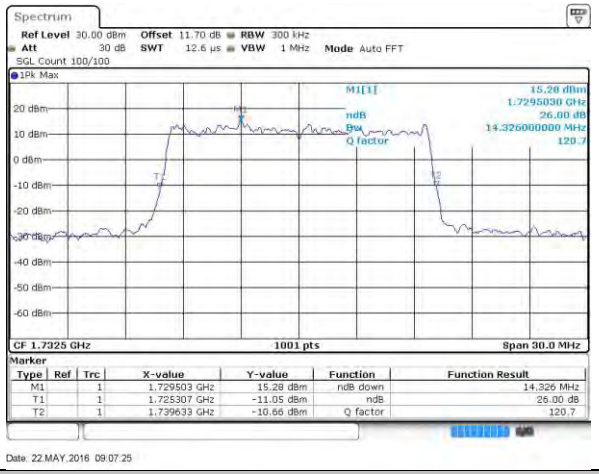
Lowest Channel / 15MHz / 16QAM



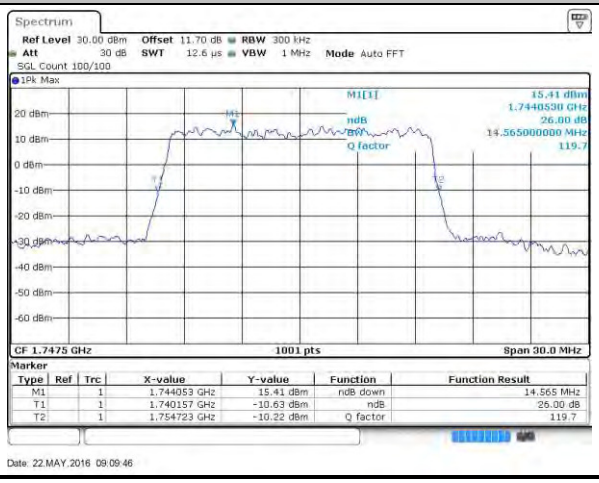
Middle Channel / 15MHz / QPSK



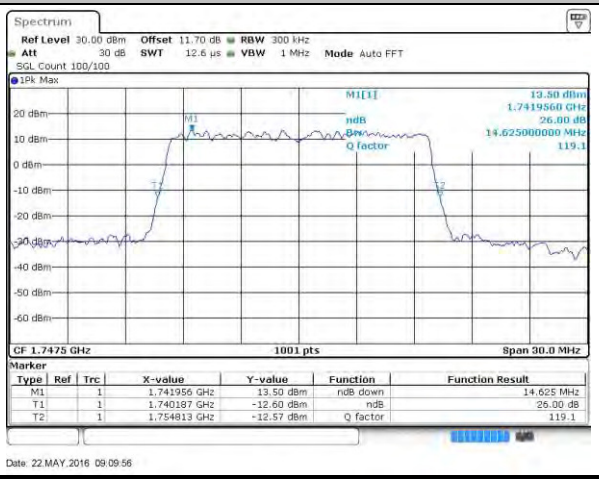
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

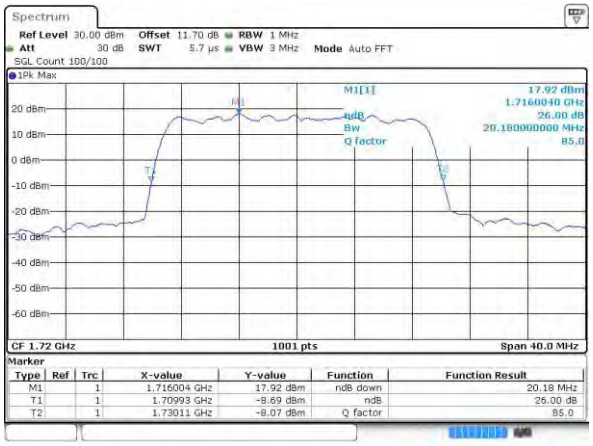


Highest Channel / 15MHz / 16QAM

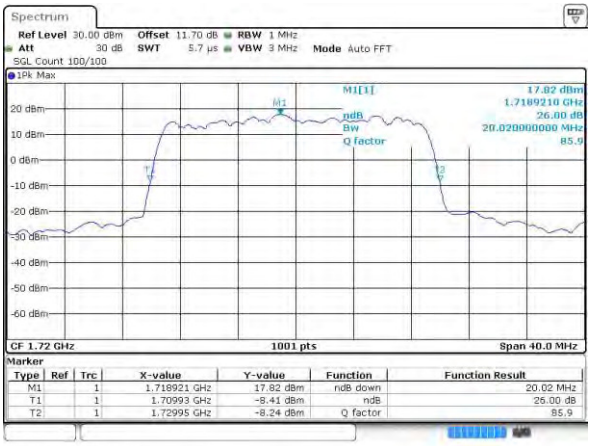


LTE Band 4

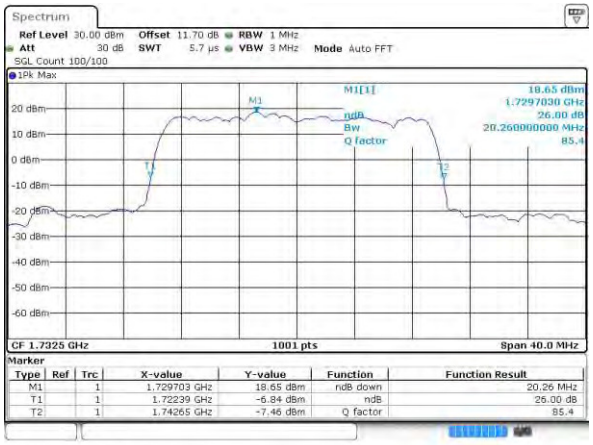
Lowest Channel / 20MHz / QPSK



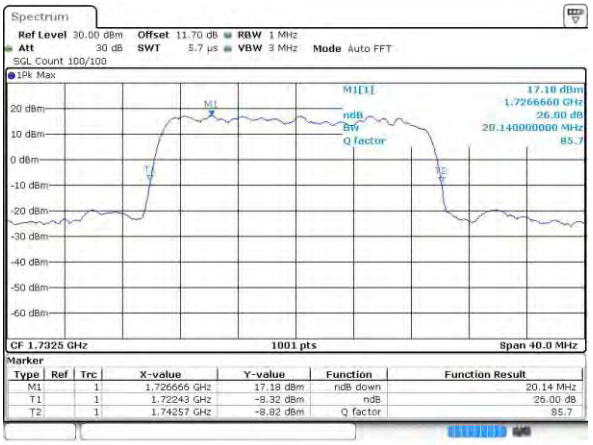
Lowest Channel / 20MHz / 16QAM



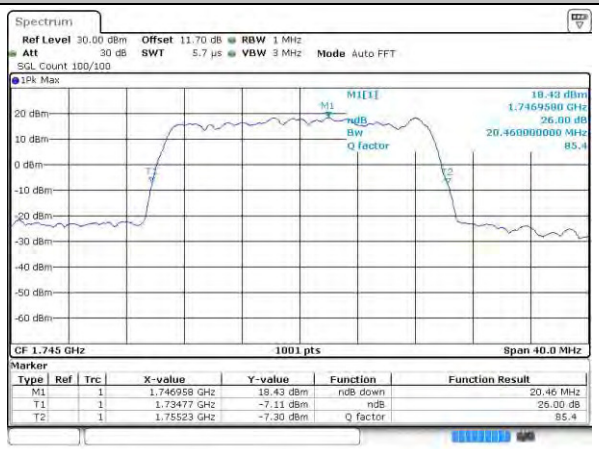
Middle Channel / 20MHz / QPSK



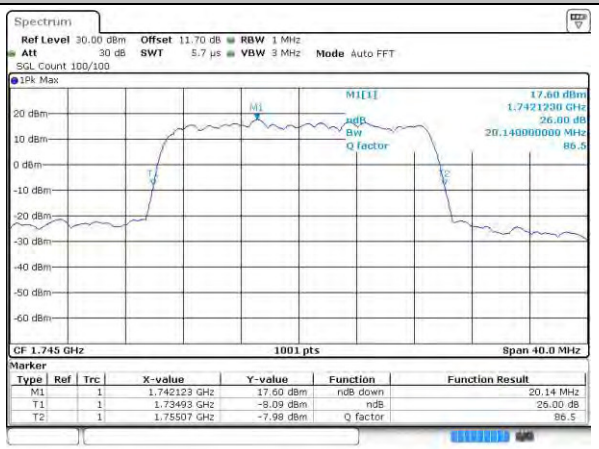
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

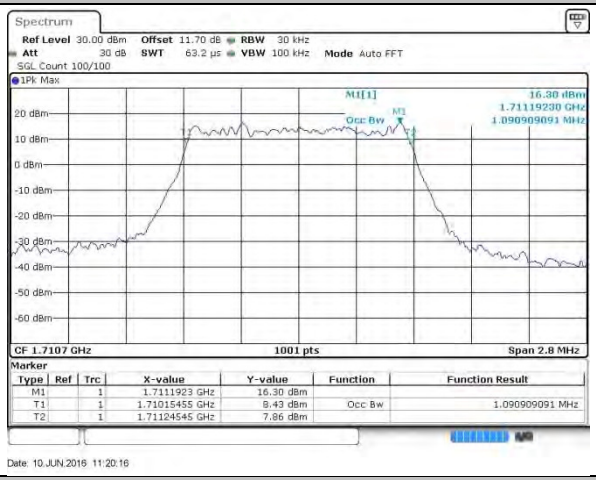


Occupied Bandwidth

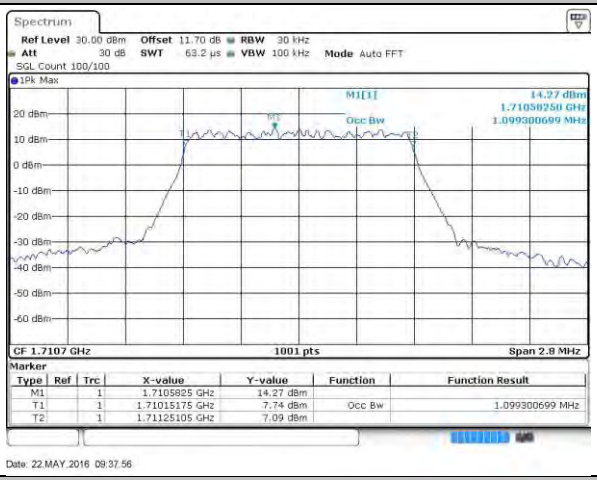
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.1	2.71	2.74	4.5	4.49	9.03	9.03	13.43	13.43	18.22	18.14
Middle CH	1.09	1.09	2.7	2.73	4.5	4.52	9.05	9.01	13.43	13.4	18.42	18.5
Highest CH	1.1	1.09	2.72	2.7	4.49	4.49	8.99	9.03	13.43	13.4	18.34	18.46

LTE Band 4

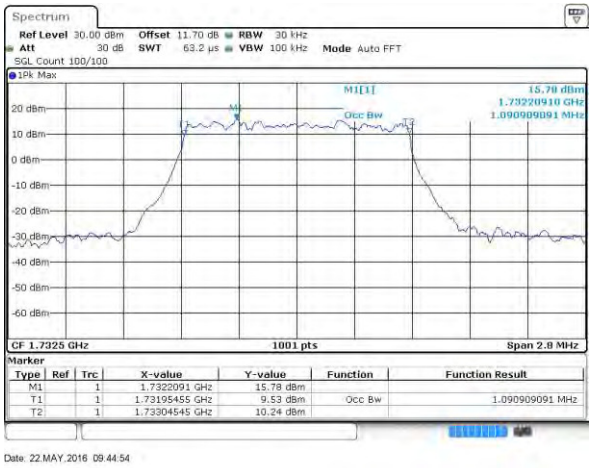
Lowest Channel / 1.4MHz / QPSK



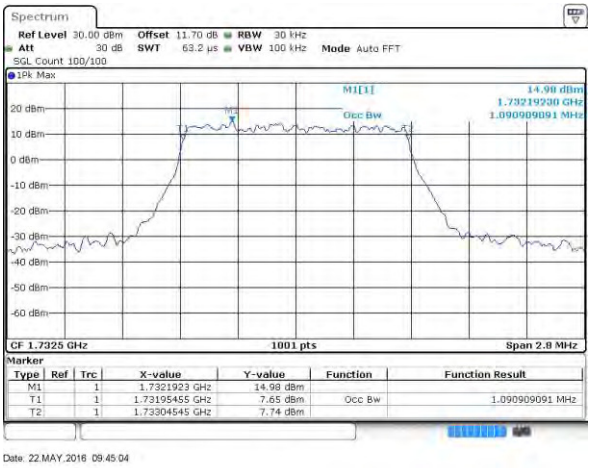
Lowest Channel / 1.4MHz / 16QAM



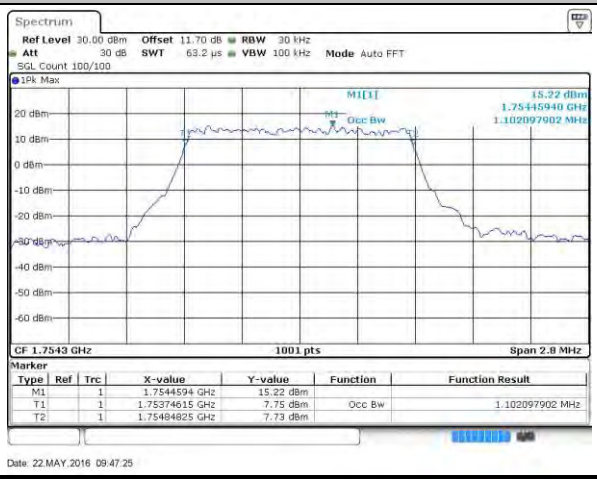
Middle Channel / 1.4MHz / QPSK



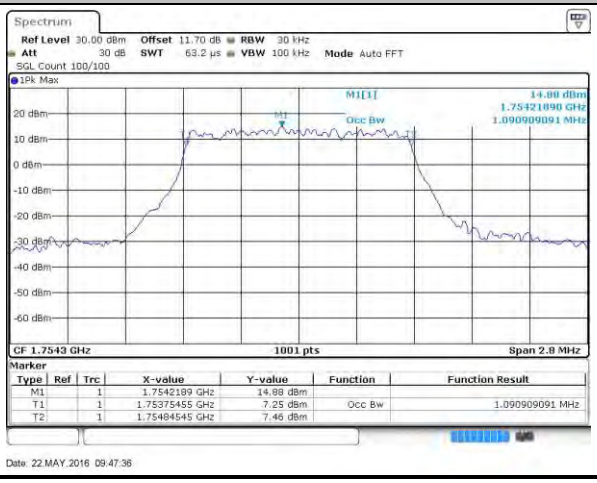
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

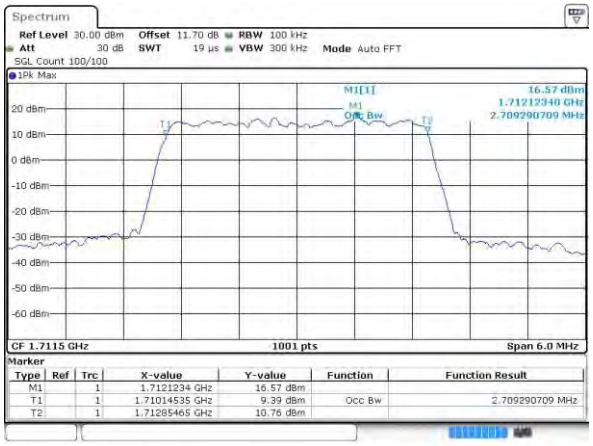


Highest Channel / 1.4MHz / 16QAM

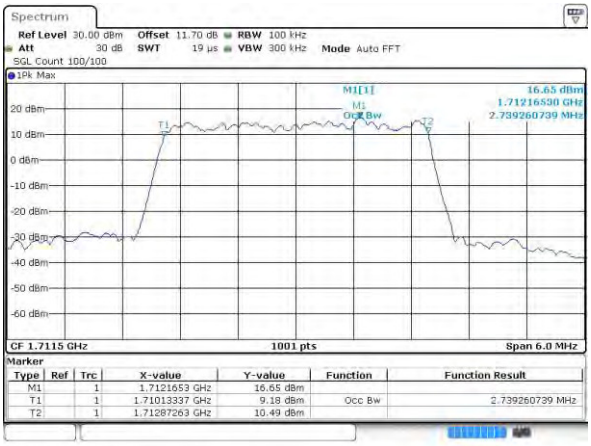


LTE Band 4

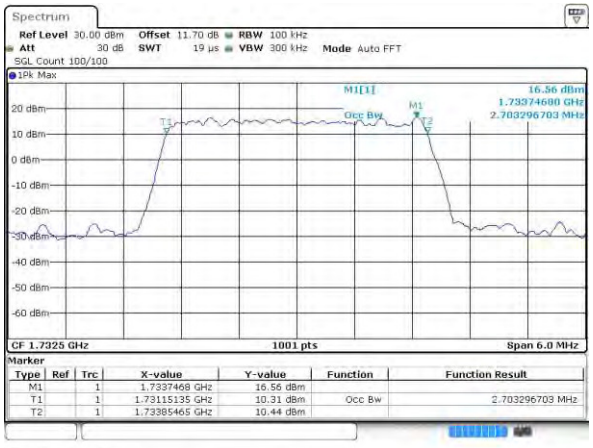
Lowest Channel / 3MHz / QPSK



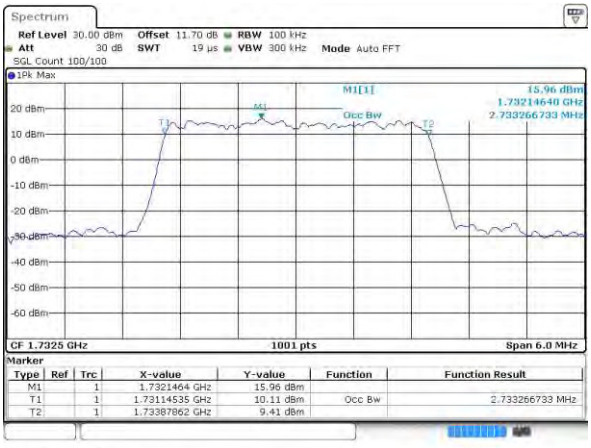
Lowest Channel / 3MHz / 16QAM



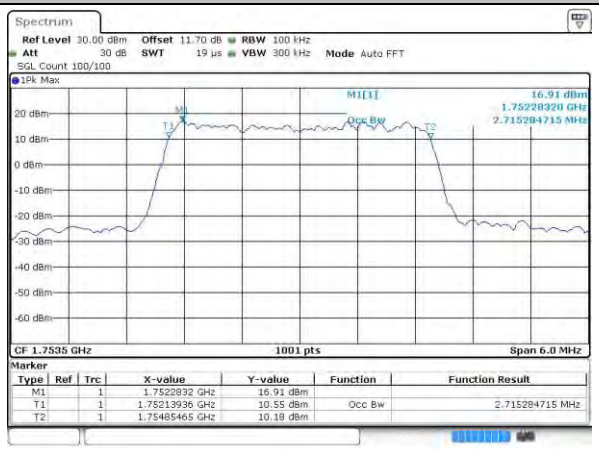
Middle Channel / 3MHz / QPSK



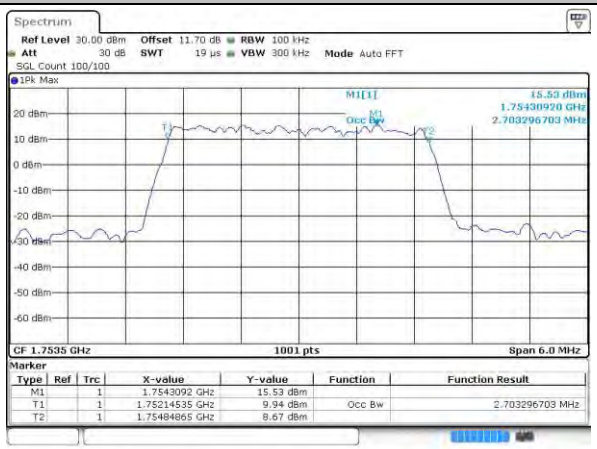
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

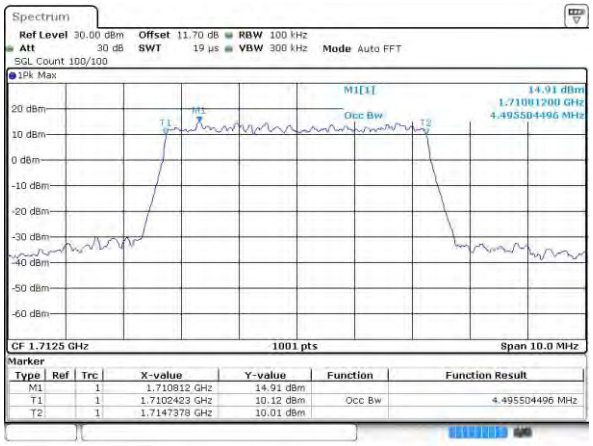


Highest Channel / 3MHz / 16QAM

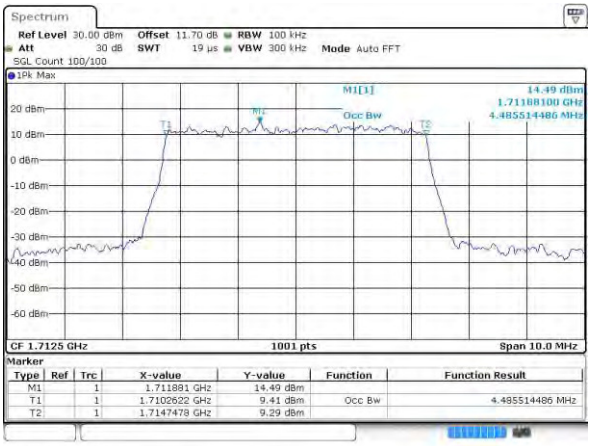


LTE Band 4

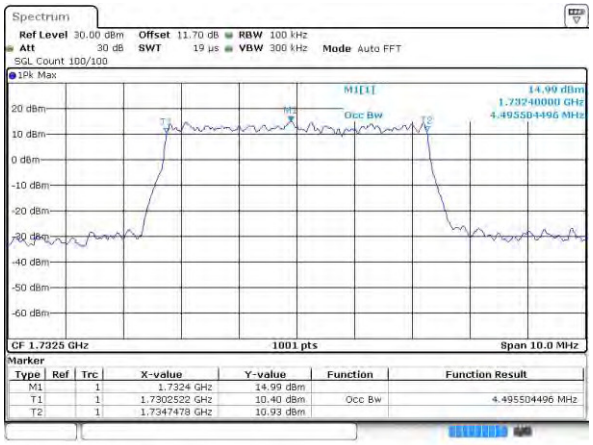
Lowest Channel / 5MHz / QPSK



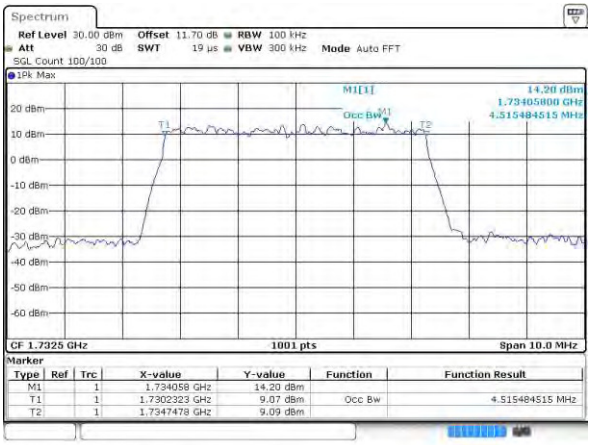
Lowest Channel / 5MHz / 16QAM



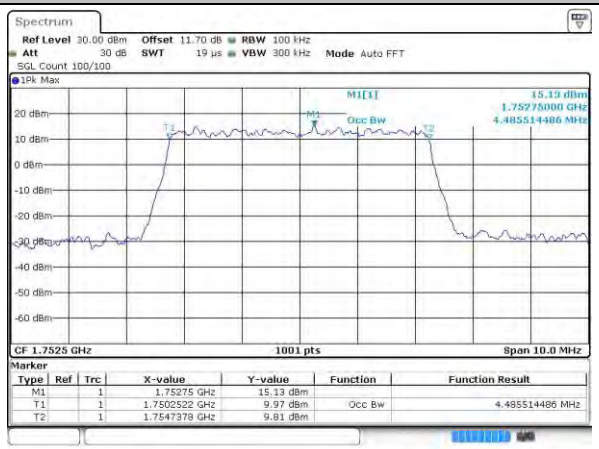
Middle Channel / 5MHz / QPSK



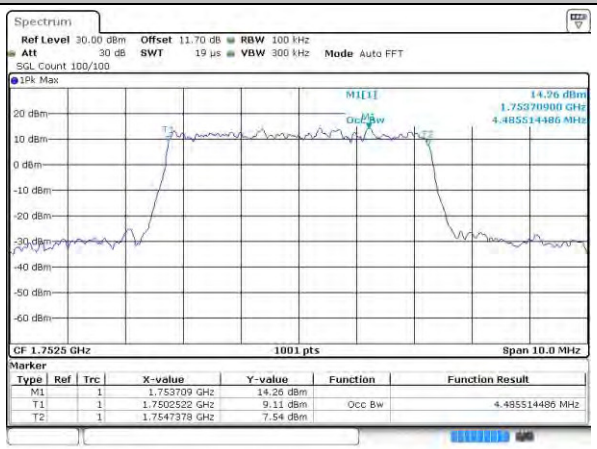
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

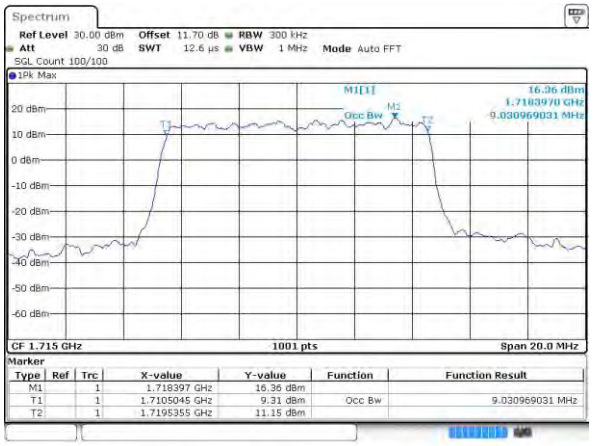


Highest Channel / 5MHz / 16QAM

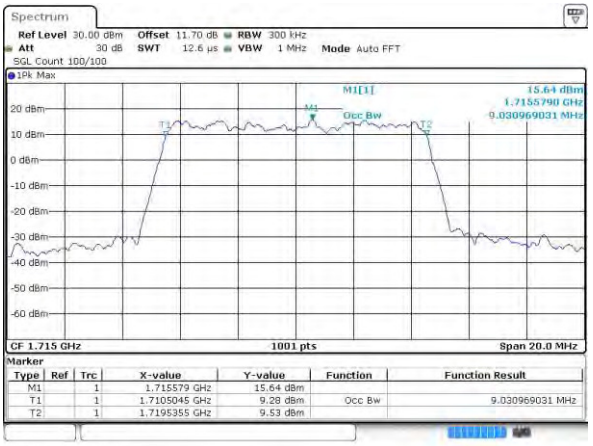


LTE Band 4

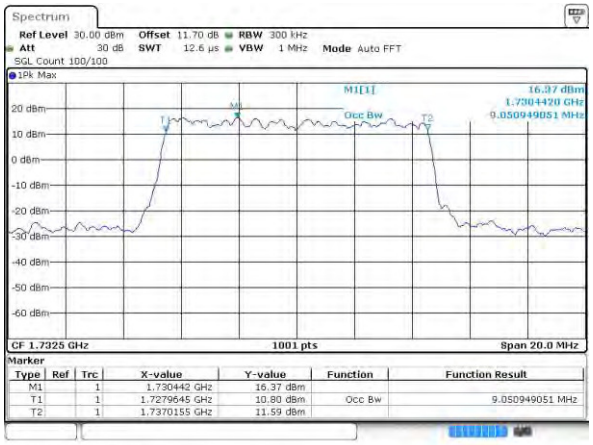
Lowest Channel / 10MHz / QPSK



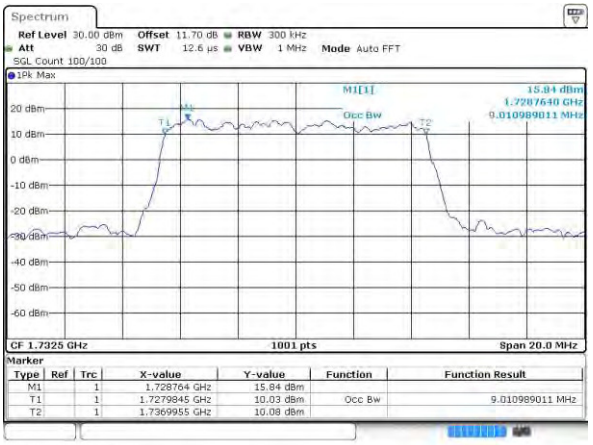
Lowest Channel / 10MHz / 16QAM



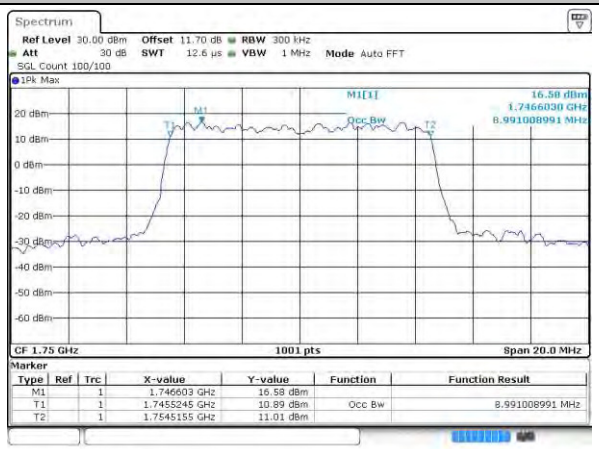
Middle Channel / 10MHz / QPSK



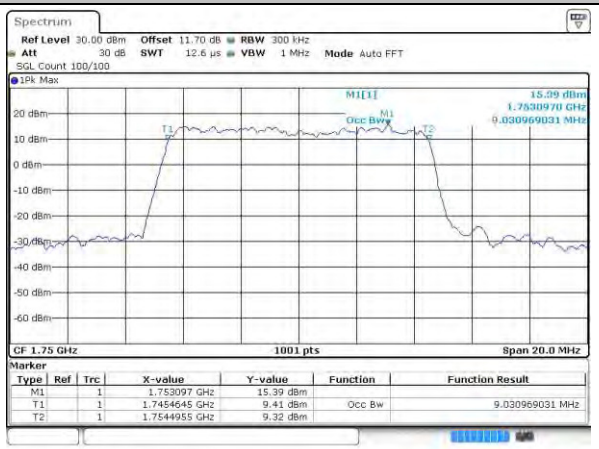
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

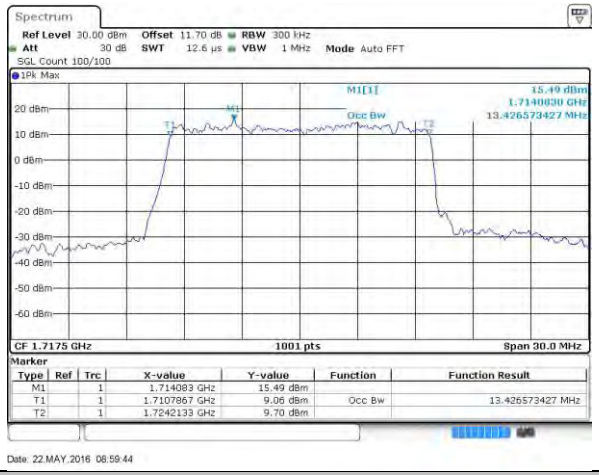


Highest Channel / 10MHz / 16QAM

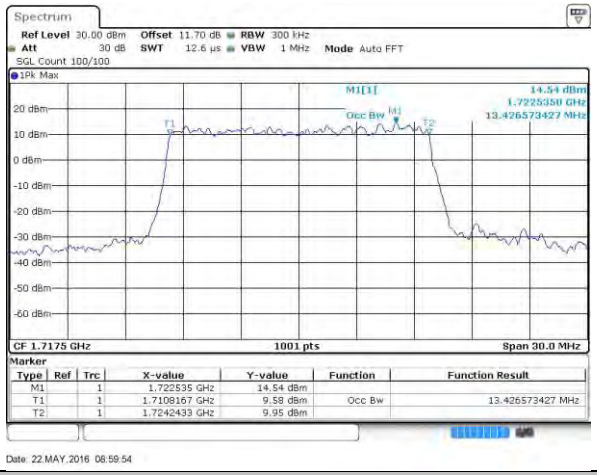


LTE Band 4

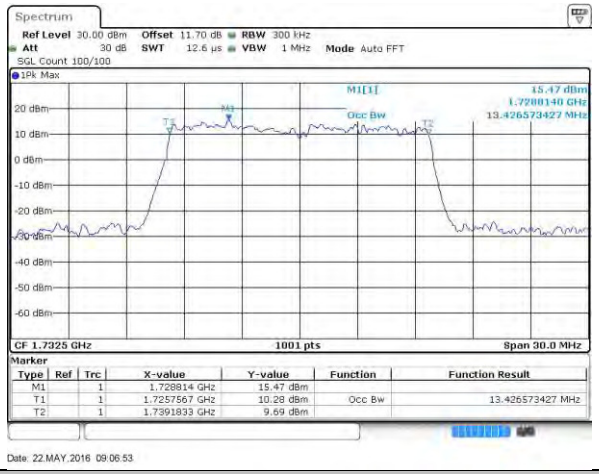
Lowest Channel / 15MHz / QPSK



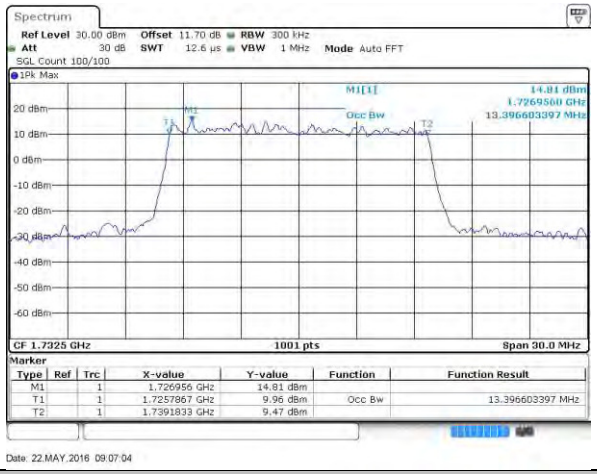
Lowest Channel / 15MHz / 16QAM



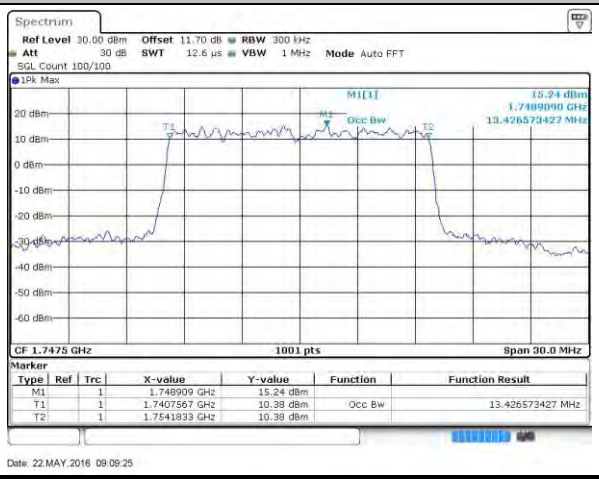
Middle Channel / 15MHz / QPSK



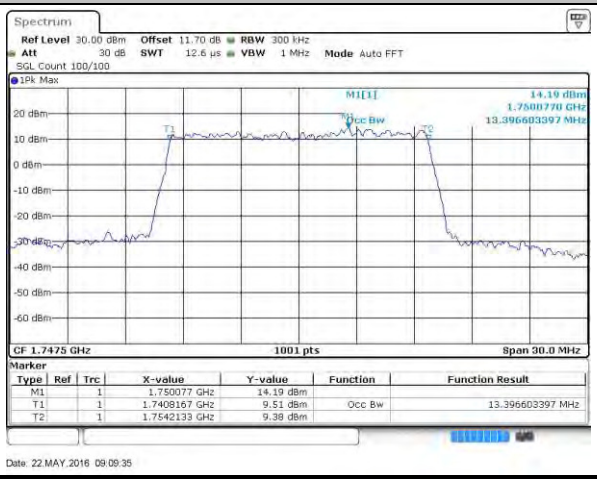
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

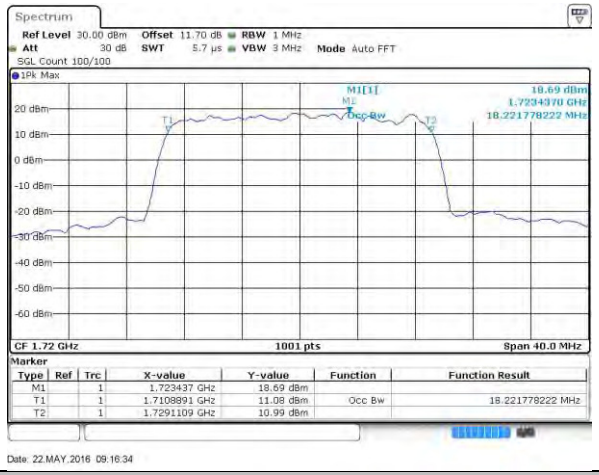


Highest Channel / 15MHz / 16QAM

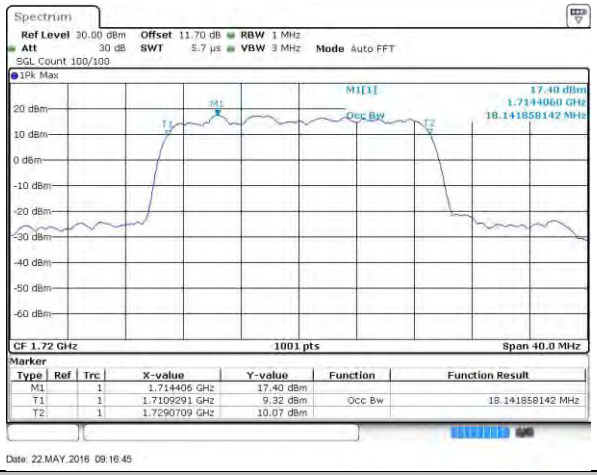


LTE Band 4

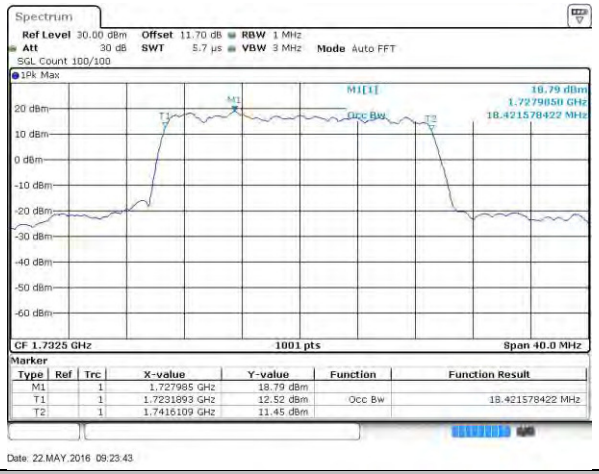
Lowest Channel / 20MHz / QPSK



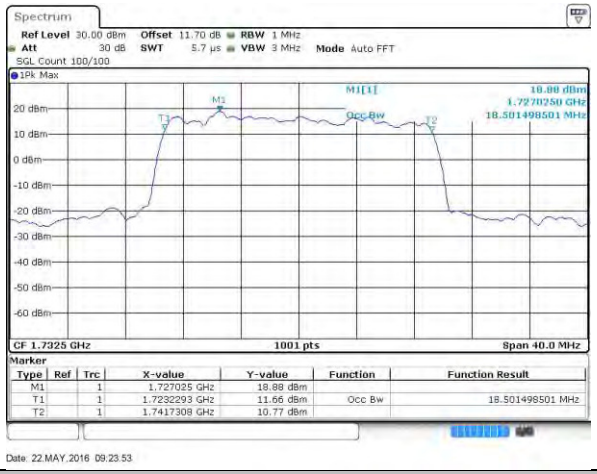
Lowest Channel / 20MHz / 16QAM



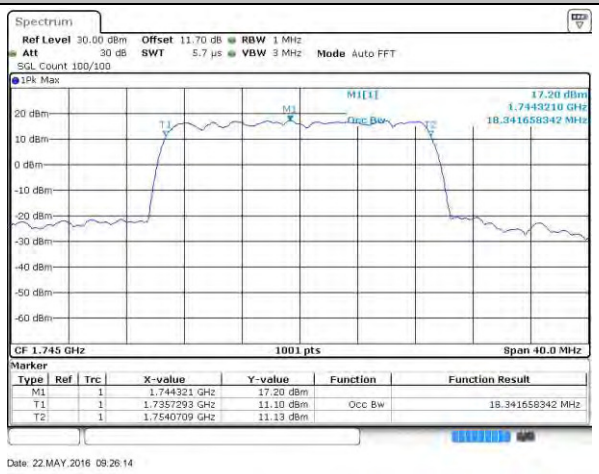
Middle Channel / 20MHz / QPSK



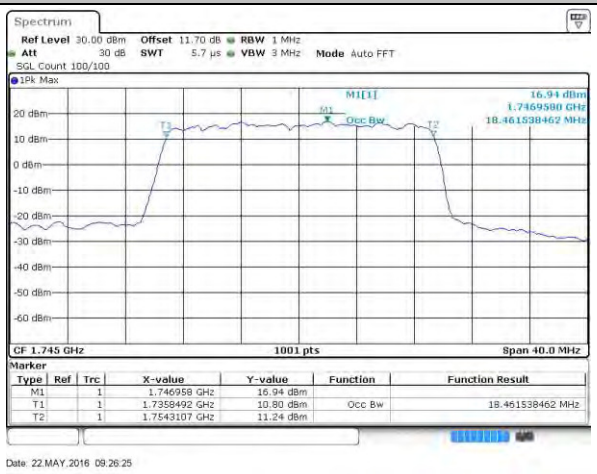
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



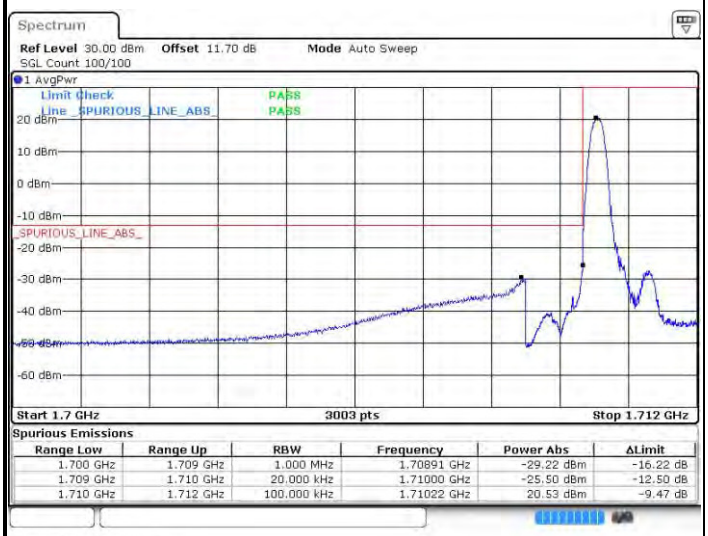
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 4 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

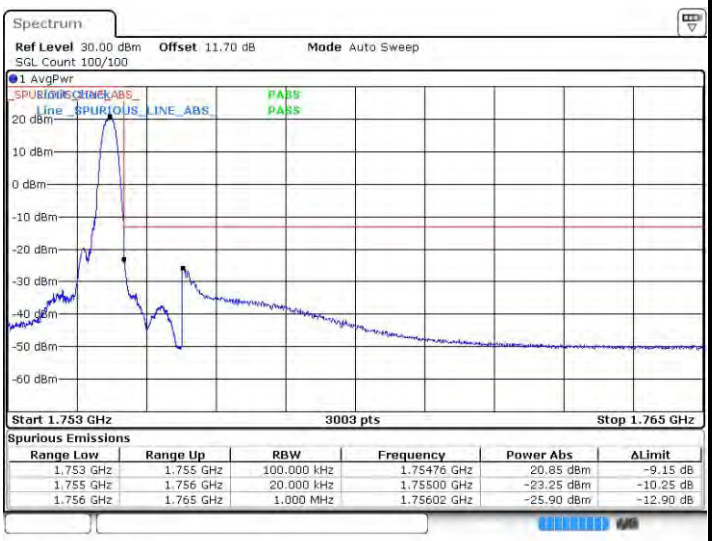


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-29.22 dBm	-16.22 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-25.50 dBm	-12.50 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71022 GHz	20.53 dBm	-9.47 dB

Date: 22.MAY.2016 09:39:26

Highest Band Edge / 1RB

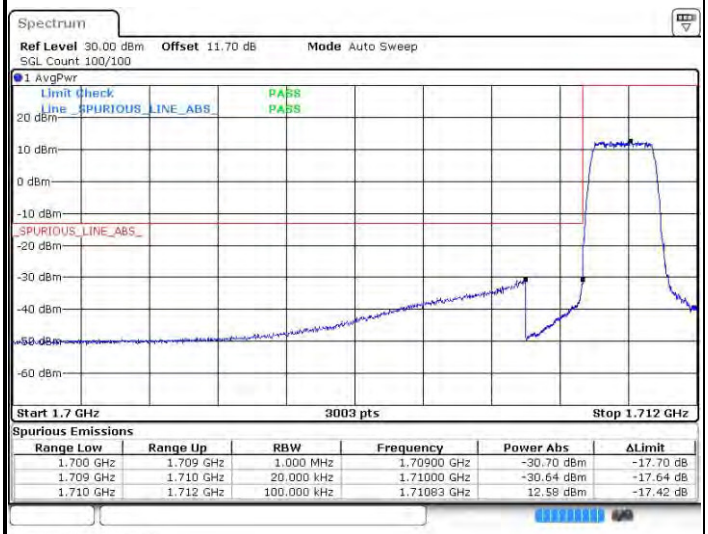


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75476 GHz	20.85 dBm	-9.15 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-23.25 dBm	-10.25 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75602 GHz	-25.90 dBm	-12.90 dB

Date: 22.MAY.2016 09:49:06

Lowest Band Edge / Full RB

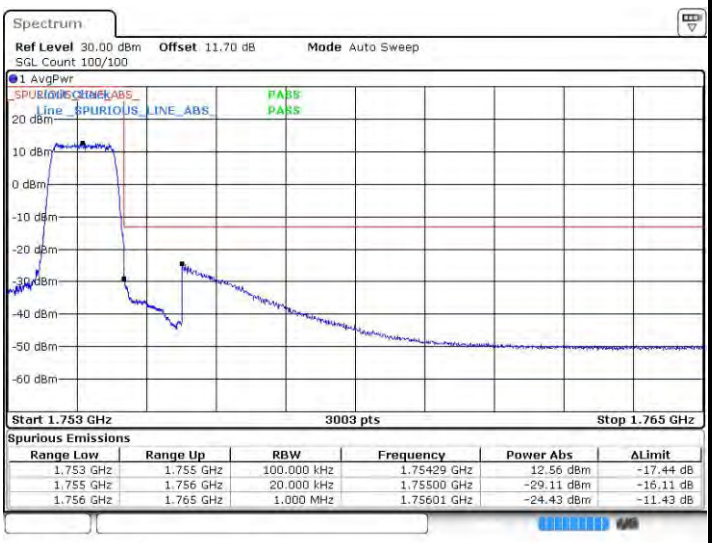


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-30.70 dBm	-17.70 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-30.64 dBm	-17.64 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71083 GHz	12.58 dBm	-17.42 dB

Date: 22.MAY.2016 09:41:44

Highest Band Edge / Full RB



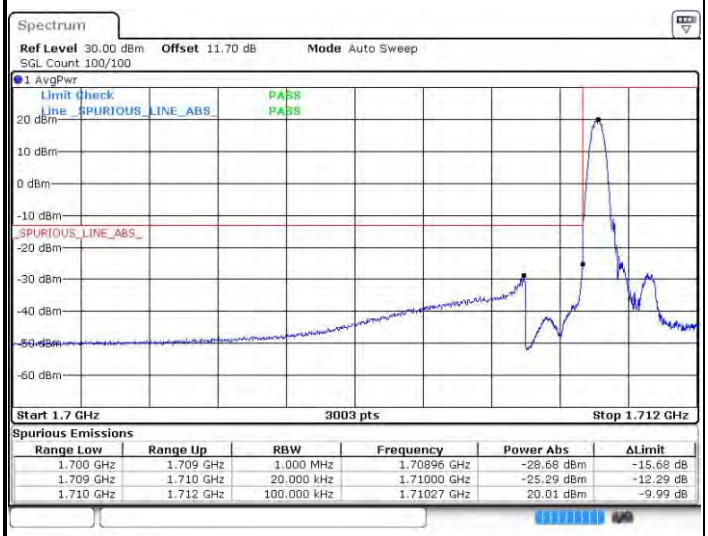
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75429 GHz	12.56 dBm	-17.44 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-29.11 dBm	-16.11 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75601 GHz	-24.43 dBm	-11.43 dB

Date: 22.MAY.2016 09:51:24

LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

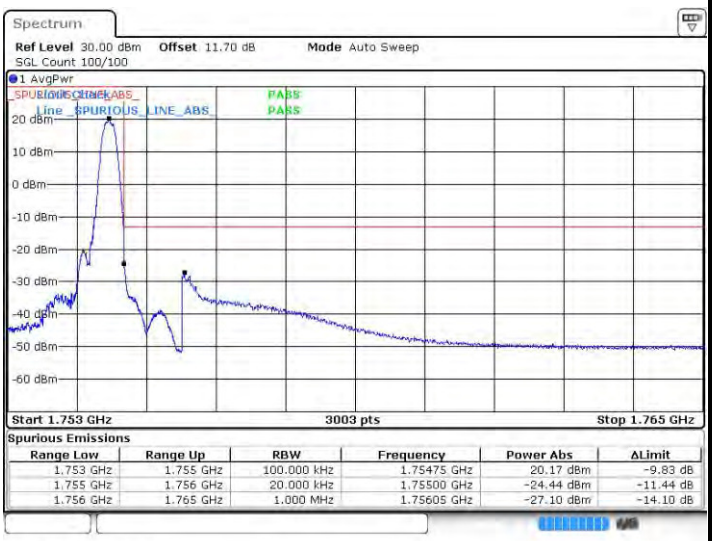


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70896 GHz	-28.68 dBm	-15.68 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-25.29 dBm	-12.29 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71027 GHz	20.01 dBm	-9.99 dB

Date: 22.MAY.2016 09:40:35

Highest Band Edge / 1 RB

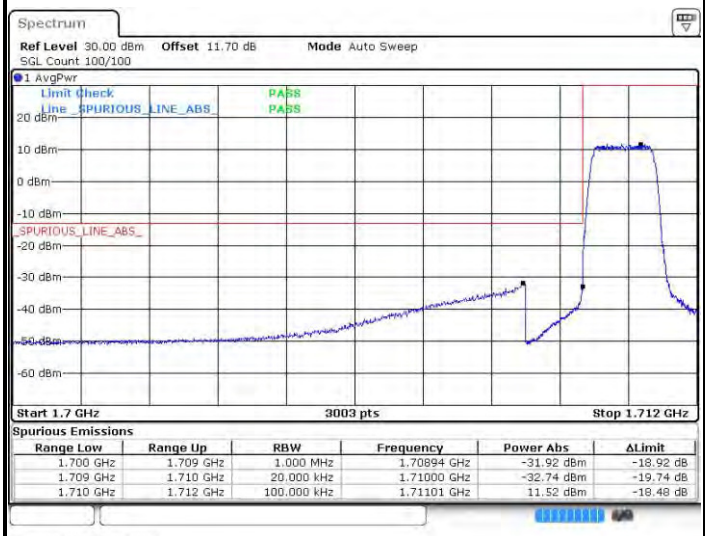


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75475 GHz	20.17 dBm	-9.83 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-24.44 dBm	-11.44 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75605 GHz	-27.10 dBm	-14.10 dB

Date: 22.MAY.2016 09:50:15

Lowest Band Edge / Full RB

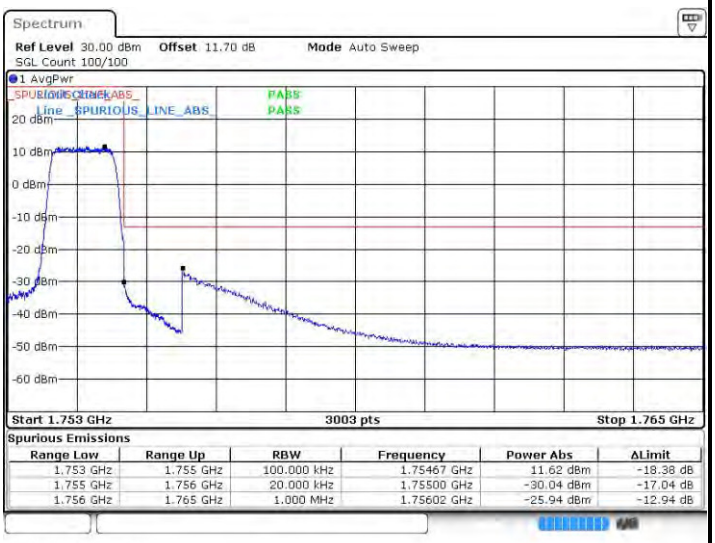


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70894 GHz	-31.92 dBm	-18.92 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-32.74 dBm	-19.74 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71101 GHz	11.52 dBm	-18.48 dB

Date: 22.MAY.2016 09:42:54

Highest Band Edge / Full RB



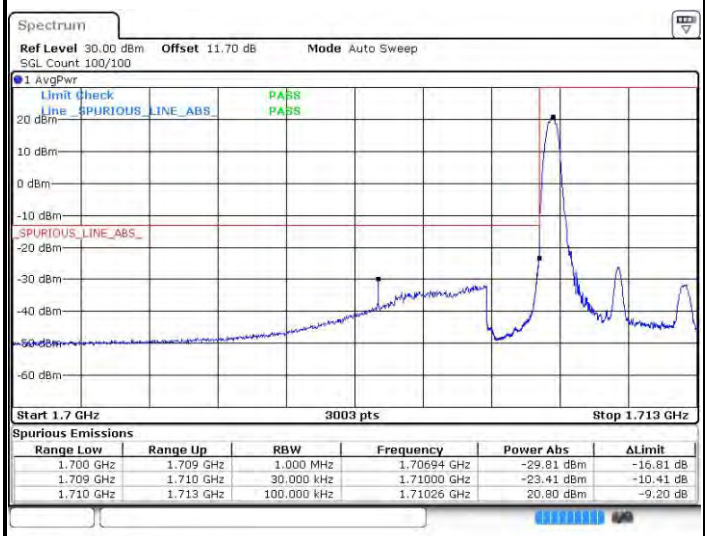
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75467 GHz	11.62 dBm	-18.38 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-30.04 dBm	-17.04 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75602 GHz	-25.94 dBm	-12.94 dB

Date: 22.MAY.2016 09:52:34

LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB

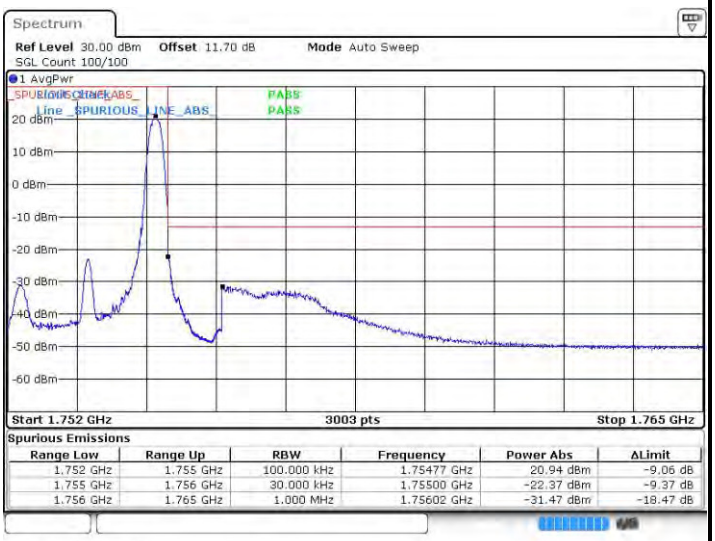


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70694 GHz	-29.81 dBm	-16.81 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-23.41 dBm	-10.41 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71026 GHz	20.80 dBm	-9.20 dB

Date: 22.MAY.2016 08:10:53

Highest Band Edge / 1 RB

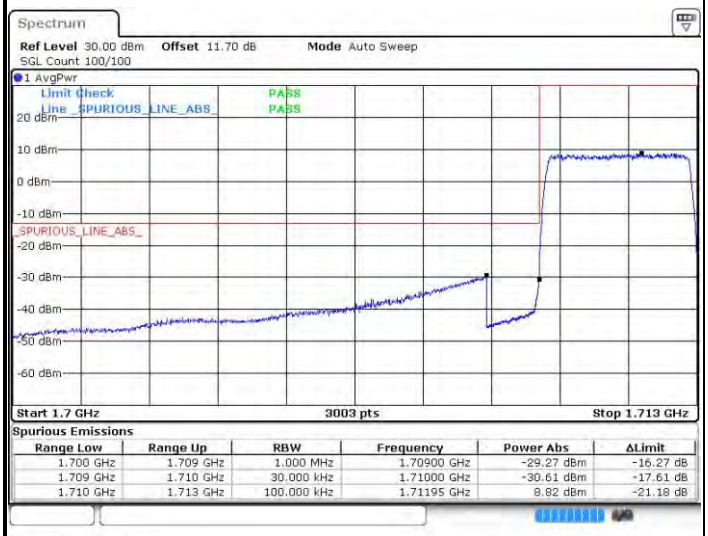


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75477 GHz	20.94 dBm	-9.06 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-22.37 dBm	-9.37 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75602 GHz	-31.47 dBm	-18.47 dB

Date: 22.MAY.2016 08:20:34

Lowest Band Edge / Full RB

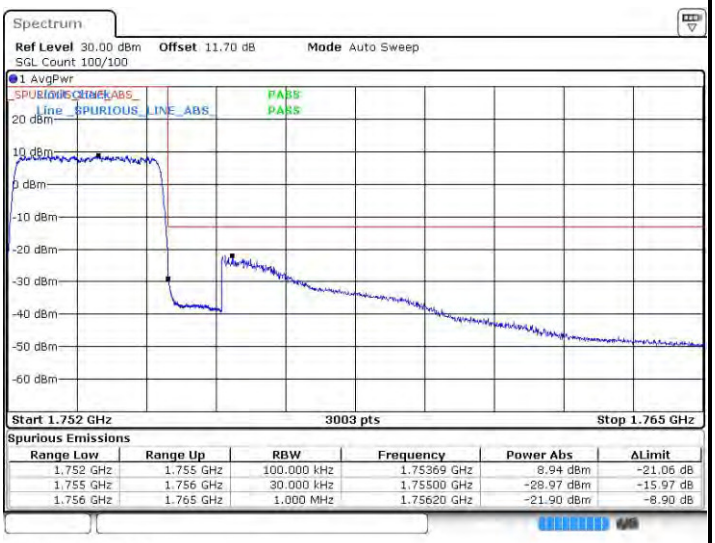


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-29.27 dBm	-16.27 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-30.61 dBm	-17.61 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71195 GHz	8.82 dBm	-21.18 dB

Date: 22.MAY.2016 08:13:12

Highest Band Edge / Full RB



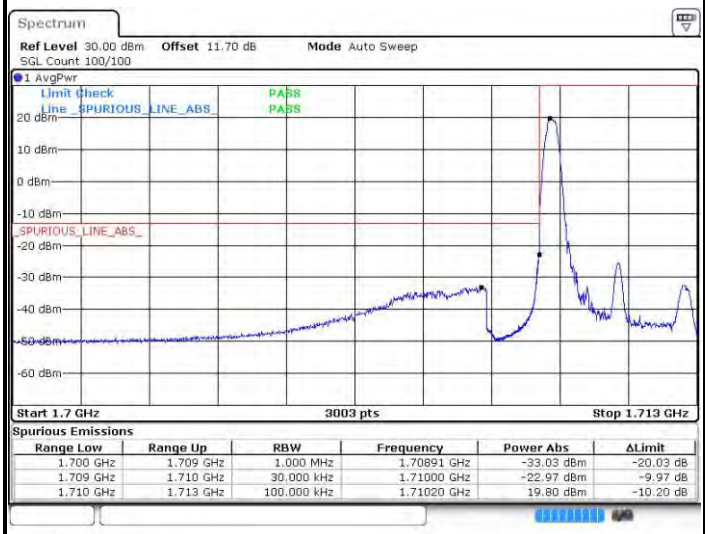
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75369 GHz	8.94 dBm	-21.06 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-28.97 dBm	-15.97 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75620 GHz	-21.90 dBm	-8.90 dB

Date: 22.MAY.2016 08:22:53

LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

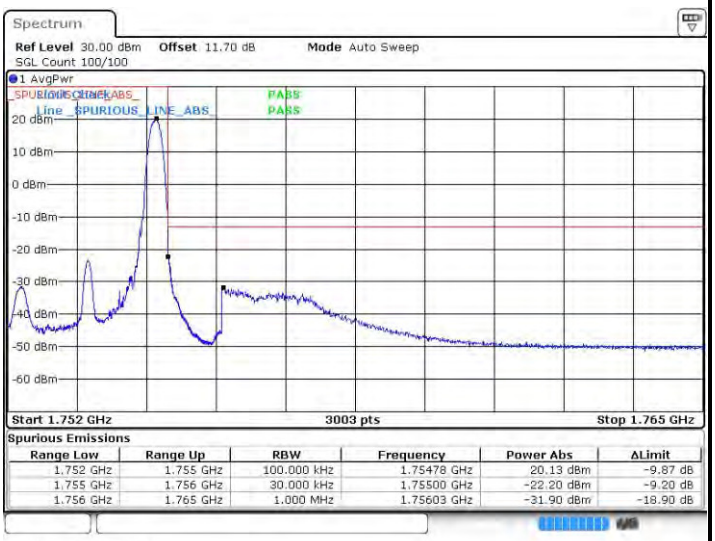


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-33.03 dBm	-20.03 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-22.97 dBm	-9.97 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71020 GHz	19.80 dBm	-10.20 dB

Date: 22.MAY.2016 08:12:02

Highest Band Edge /1 RB

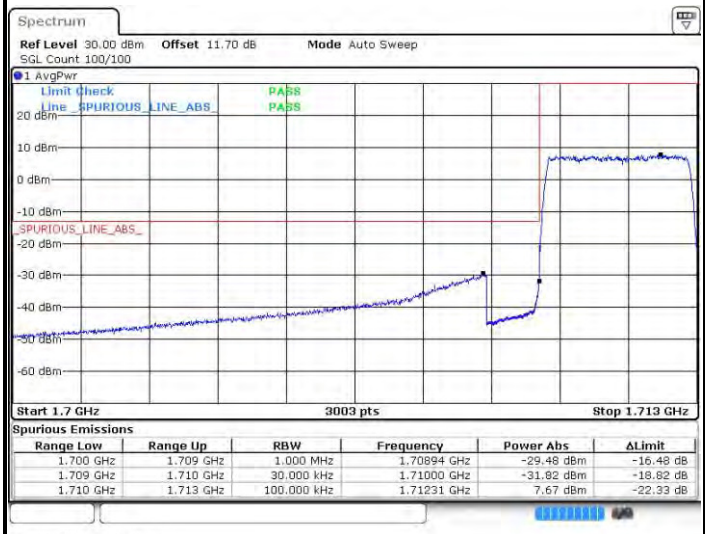


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75478 GHz	20.13 dBm	-9.87 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-22.20 dBm	-9.20 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75603 GHz	-31.90 dBm	-18.90 dB

Date: 22.MAY.2016 08:21:43

Lowest Band Edge / Full RB

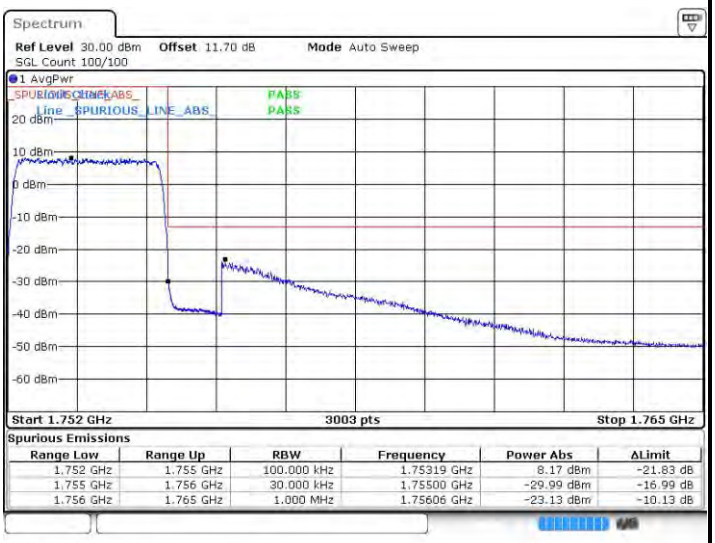


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70894 GHz	-29.48 dBm	-16.48 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-31.82 dBm	-18.82 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71231 GHz	7.67 dBm	-22.33 dB

Date: 22.MAY.2016 08:14:21

Highest Band Edge / Full RB



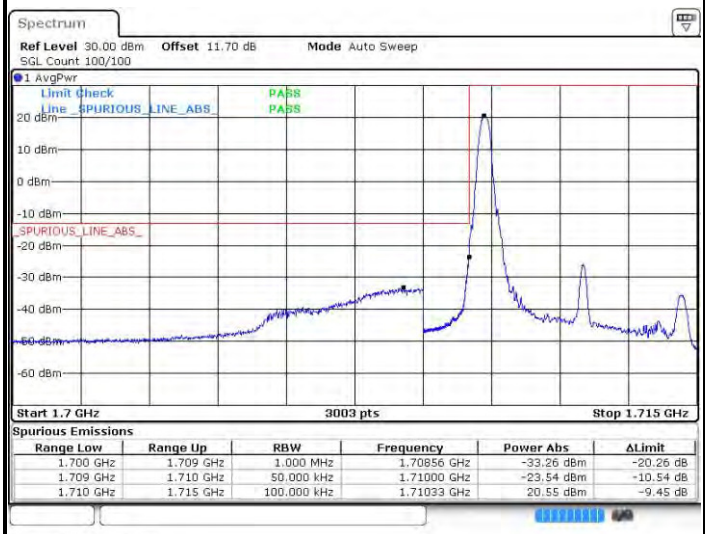
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75319 GHz	8.17 dBm	-21.83 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-29.99 dBm	-16.99 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75606 GHz	-23.13 dBm	-10.13 dB

Date: 22.MAY.2016 08:24:02

LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB

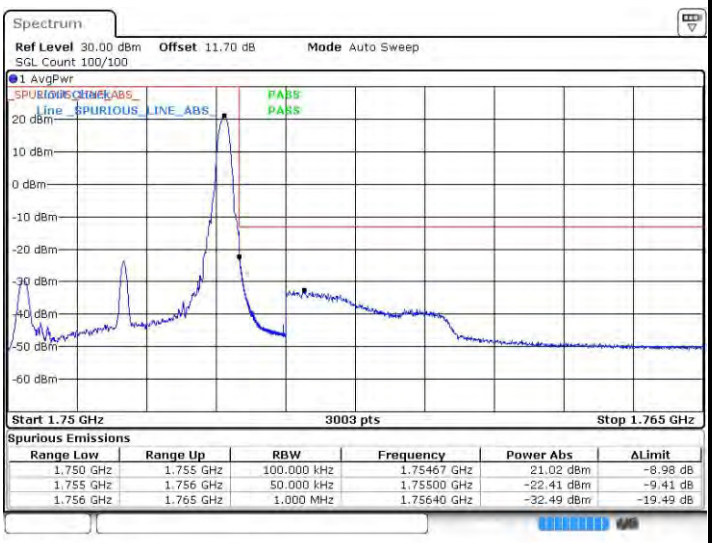


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70856 GHz	-33.26 dBm	-20.26 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-23.54 dBm	-10.54 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71033 GHz	20.55 dBm	-9.45 dB

Date: 22.MAY.2016 08:27:43

Highest Band Edge / 1 RB

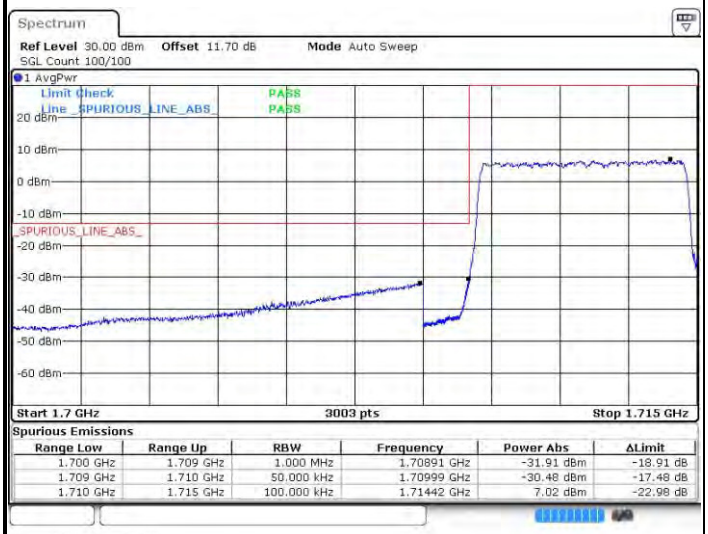


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75467 GHz	21.02 dBm	-8.98 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-22.41 dBm	-9.41 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75640 GHz	-32.49 dBm	-19.49 dB

Date: 22.MAY.2016 08:37:24

Lowest Band Edge / Full RB

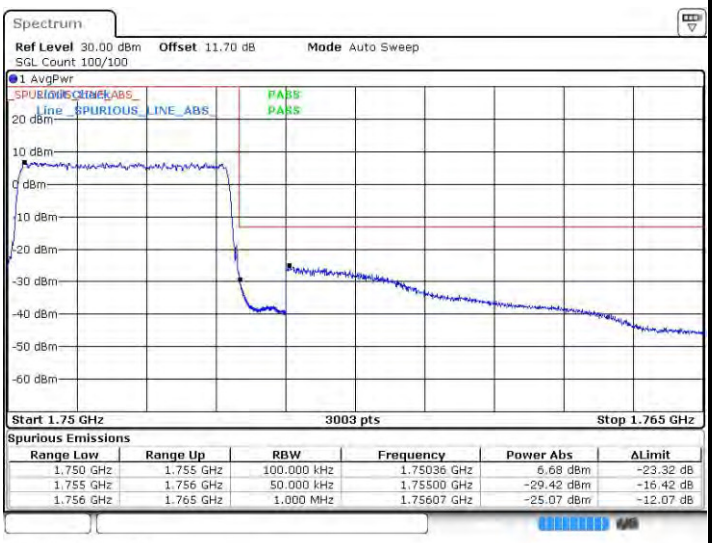


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-31.91 dBm	-18.91 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.70999 GHz	-30.48 dBm	-17.48 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71442 GHz	7.02 dBm	-22.98 dB

Date: 22.MAY.2016 08:30:02

Highest Band Edge / Full RB



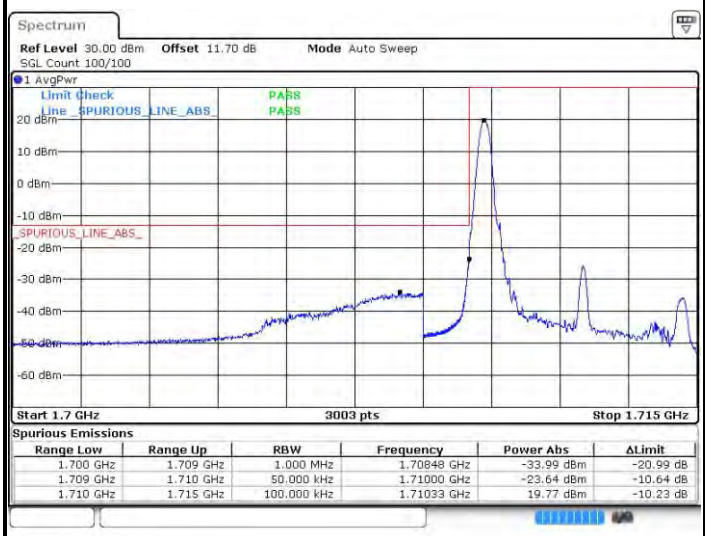
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75036 GHz	6.68 dBm	-23.32 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-29.42 dBm	-16.42 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75607 GHz	-25.07 dBm	-12.07 dB

Date: 22.MAY.2016 08:39:43

LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB

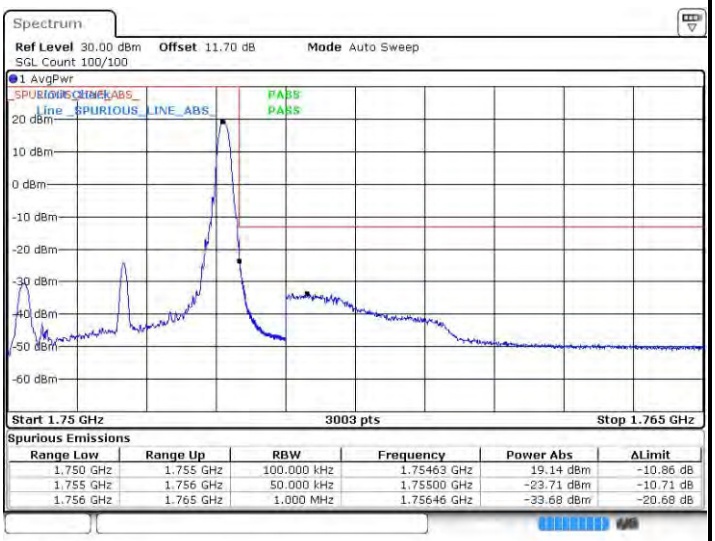


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70848 GHz	-33.99 dBm	-20.99 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-23.64 dBm	-10.64 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71033 GHz	19.77 dBm	-10.23 dB

Date: 22.MAY.2016 08:28:53

Highest Band Edge / 1 RB

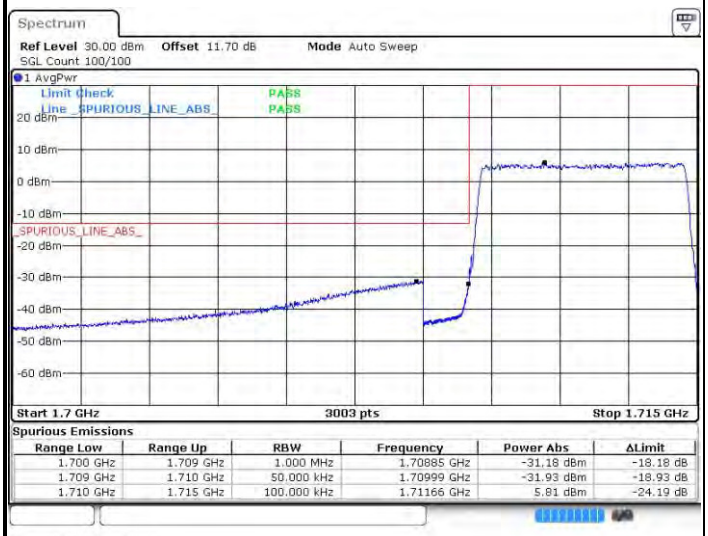


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75463 GHz	19.14 dBm	-10.86 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-23.71 dBm	-10.71 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75646 GHz	-33.68 dBm	-20.68 dB

Date: 22.MAY.2016 08:38:34

Lowest Band Edge / Full RB

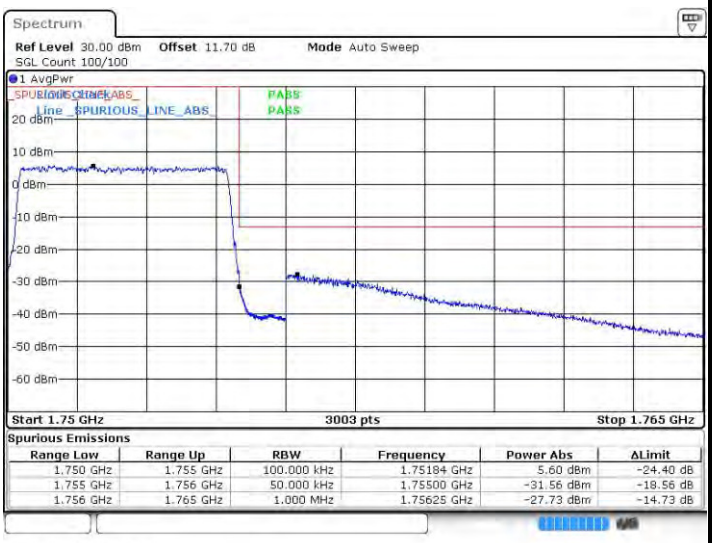


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70885 GHz	-31.18 dBm	-18.18 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.70999 GHz	-31.93 dBm	-18.93 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71166 GHz	5.81 dBm	-24.19 dB

Date: 22.MAY.2016 08:31:11

Highest Band Edge / Full RB



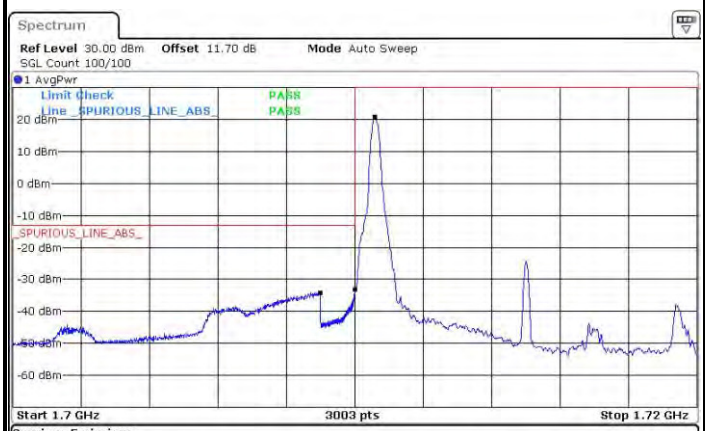
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75184 GHz	5.60 dBm	-24.40 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-31.56 dBm	-18.56 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75625 GHz	-27.73 dBm	-14.73 dB

Date: 22.MAY.2016 08:40:53

LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / 1 RB

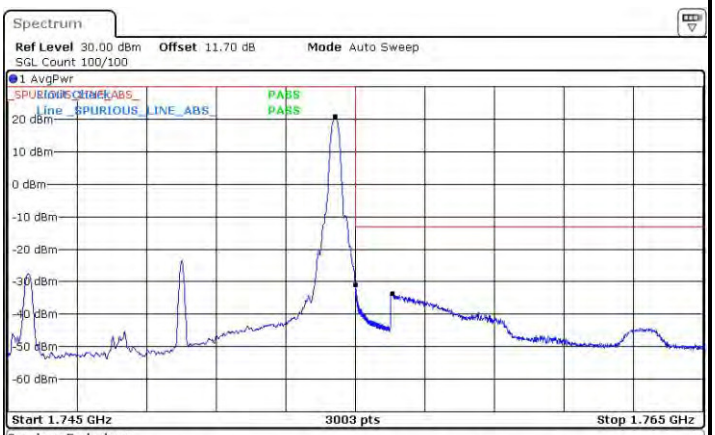


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-34.09 dBm	-21.09 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70999 GHz	-33.04 dBm	-20.04 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71058 GHz	20.69 dBm	-9.31 dB

Date: 22.MAY.2016 08:44:34

Highest Band Edge / 1 RB

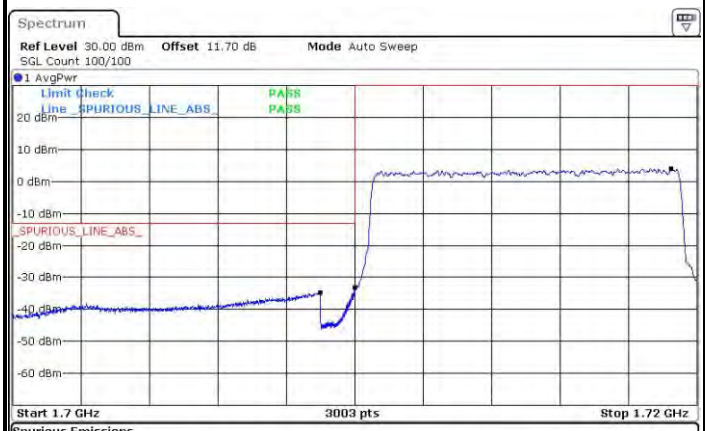


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75443 GHz	20.69 dBm	-9.31 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75501 GHz	-31.07 dBm	-18.07 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75606 GHz	-33.67 dBm	-20.67 dB

Date: 22.MAY.2016 08:54:15

Lowest Band Edge / Full RB

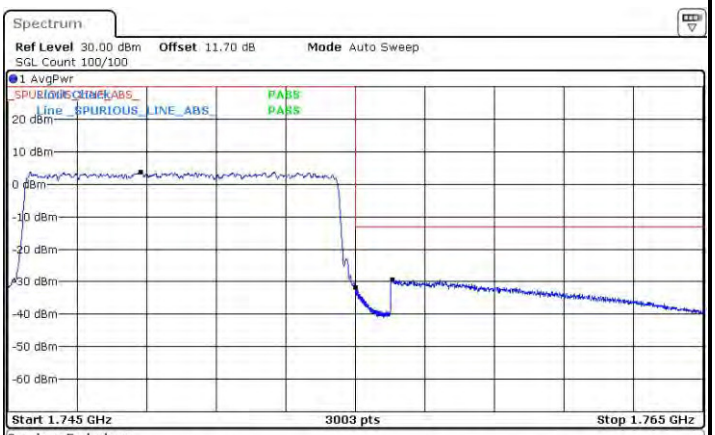


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70898 GHz	-34.71 dBm	-21.71 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.71000 GHz	-33.16 dBm	-20.16 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71925 GHz	4.02 dBm	-25.98 dB

Date: 22.MAY.2016 08:46:53

Highest Band Edge / Full RB



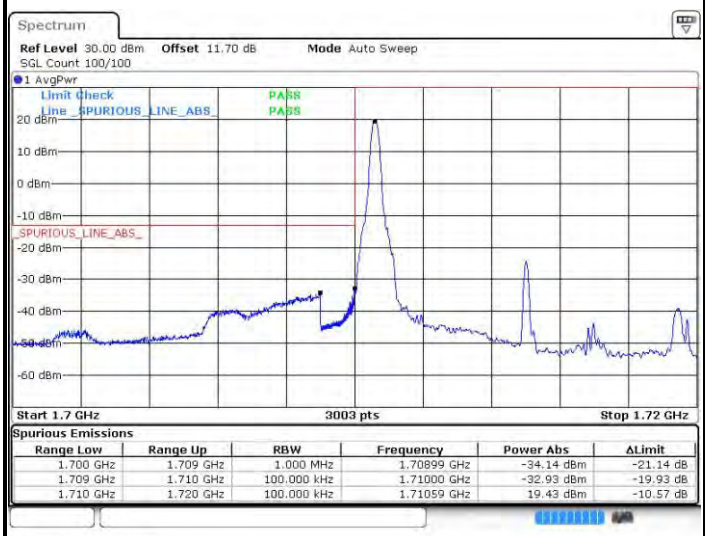
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.74883 GHz	3.75 dBm	-26.25 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75500 GHz	-31.79 dBm	-18.79 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75607 GHz	-29.30 dBm	-16.30 dB

Date: 22.MAY.2016 08:56:34

LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

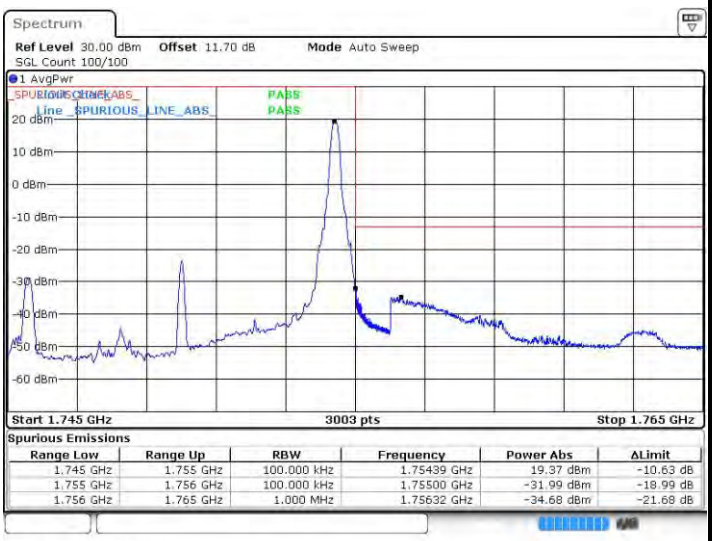


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-34.14 dBm	-21.14 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.71000 GHz	-32.93 dBm	-19.93 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71059 GHz	19.43 dBm	-10.57 dB

Date: 22.MAY.2016 08:45:43

Highest Band Edge / 1 RB

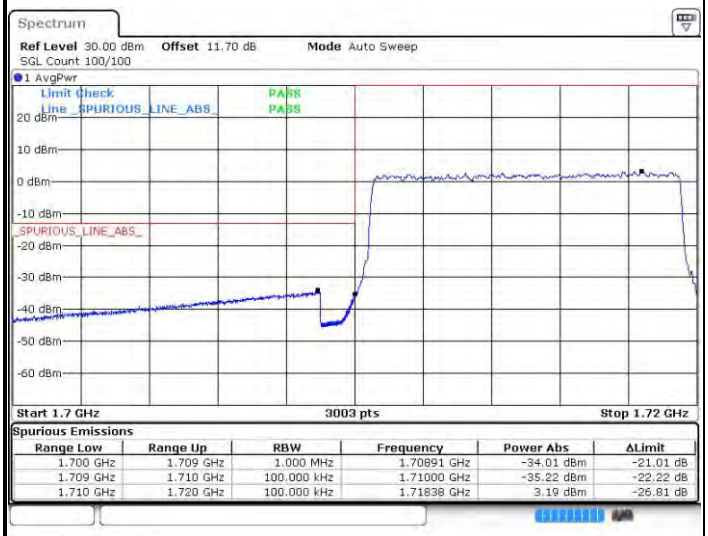


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75439 GHz	19.37 dBm	-10.63 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75500 GHz	-31.99 dBm	-18.99 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75632 GHz	-34.68 dBm	-21.68 dB

Date: 22.MAY.2016 08:55:24

Lowest Band Edge / Full RB

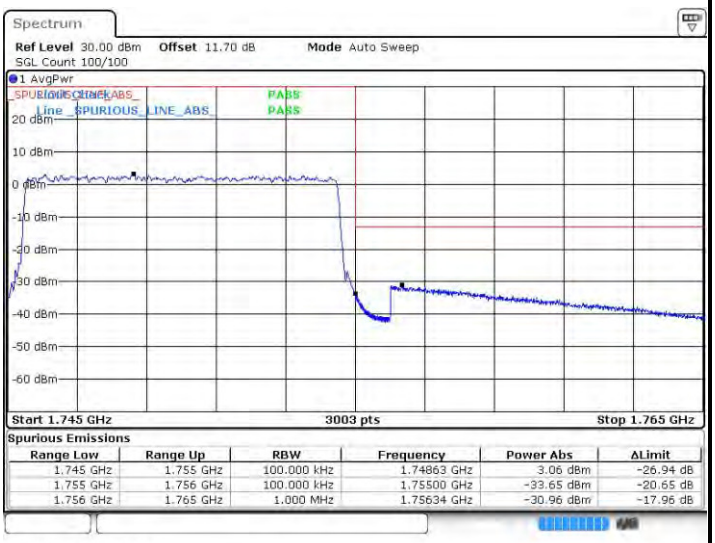


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-34.01 dBm	-21.01 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.71000 GHz	-35.22 dBm	-22.22 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71838 GHz	3.19 dBm	-26.81 dB

Date: 22.MAY.2016 08:48:02

Highest Band Edge / Full RB



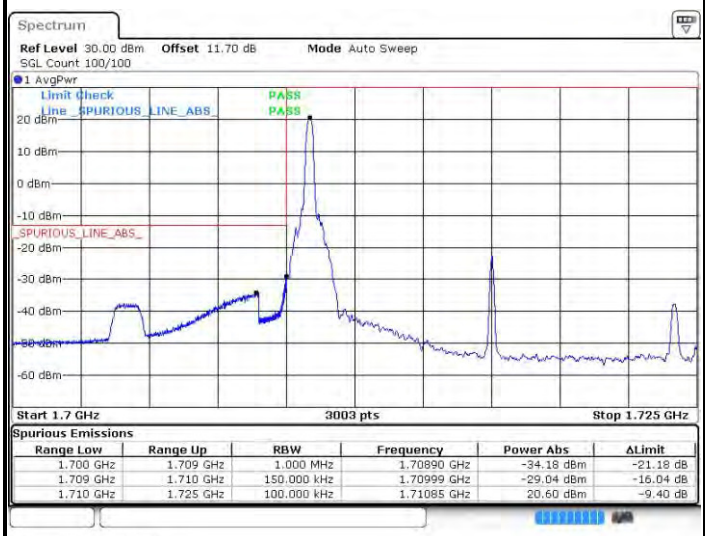
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.74863 GHz	3.06 dBm	-26.94 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75500 GHz	-33.65 dBm	-20.65 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75634 GHz	-30.96 dBm	-17.96 dB

Date: 22.MAY.2016 08:57:43

LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / 1 RB

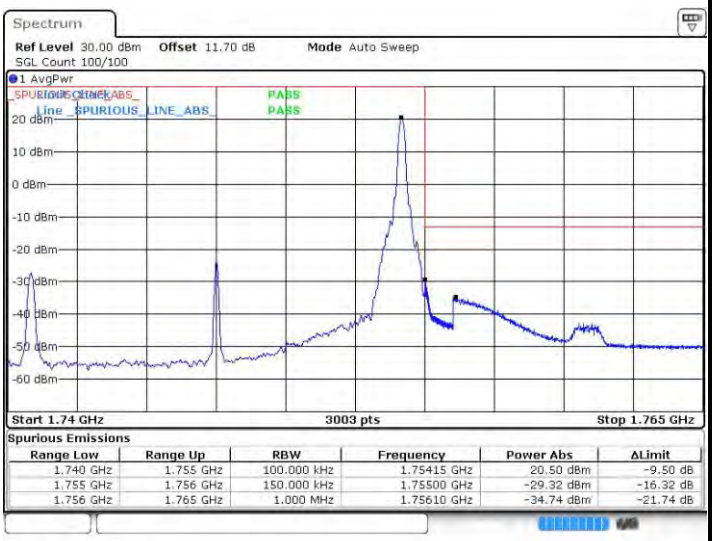


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70890 GHz	-34.18 dBm	-21.18 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70999 GHz	-29.04 dBm	-16.04 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71085 GHz	20.60 dBm	-9.40 dB

Date: 22.MAY.2016 09:01:24

Highest Band Edge / 1 RB

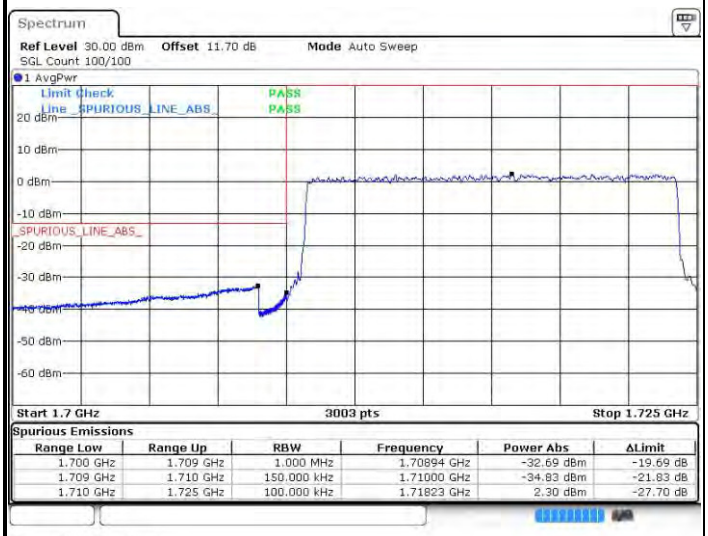


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.75415 GHz	20.50 dBm	-9.50 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75500 GHz	-29.32 dBm	-16.32 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75610 GHz	-34.74 dBm	-21.74 dB

Date: 22.MAY.2016 09:11:05

Lowest Band Edge / Full RB

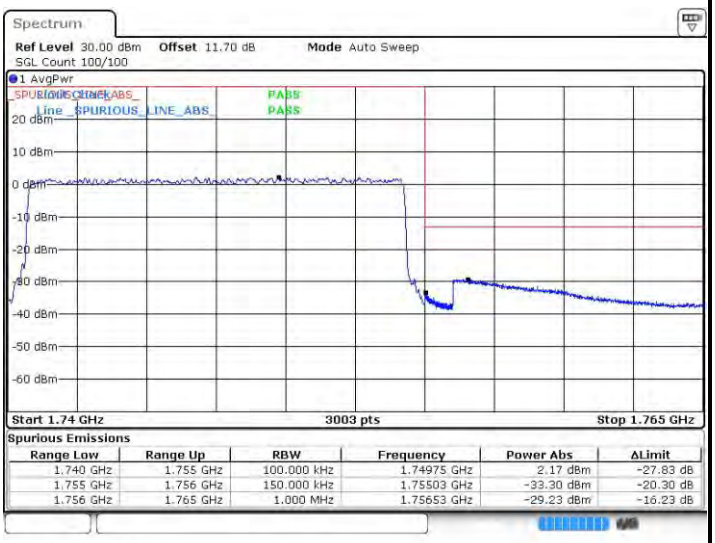


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70894 GHz	-32.69 dBm	-19.69 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.71000 GHz	-34.83 dBm	-21.83 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71823 GHz	2.30 dBm	-27.70 dB

Date: 22.MAY.2016 09:03:43

Highest Band Edge / Full RB



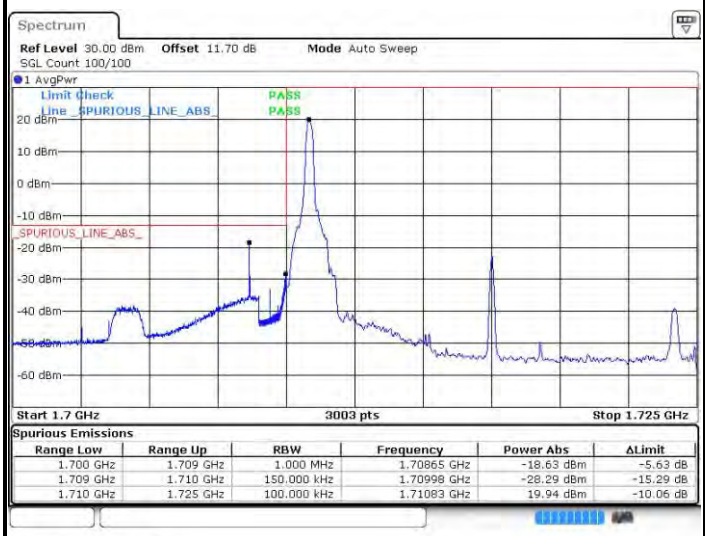
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.74975 GHz	2.17 dBm	-27.83 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75503 GHz	-33.30 dBm	-20.30 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75653 GHz	-29.23 dBm	-16.23 dB

Date: 22.MAY.2016 09:13:24

LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

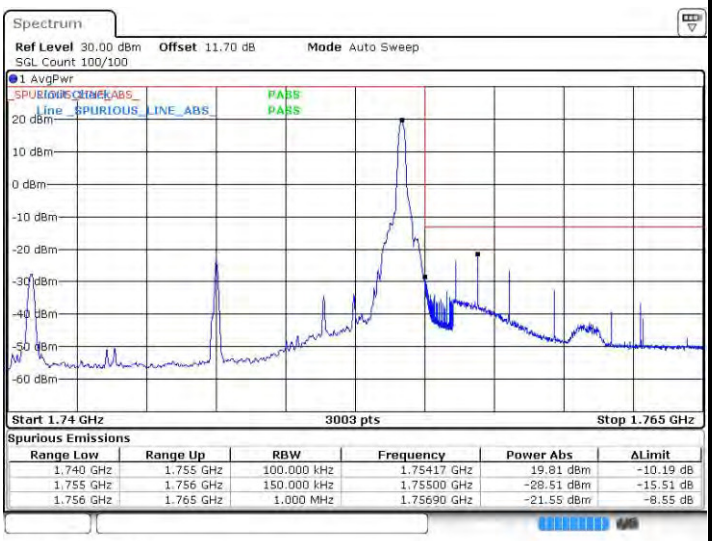


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70865 GHz	-18.63 dBm	-5.63 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70998 GHz	-28.29 dBm	-15.29 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71083 GHz	19.94 dBm	-10.06 dB

Date: 22.MAY.2016 09:02:34

Highest Band Edge / 1 RB

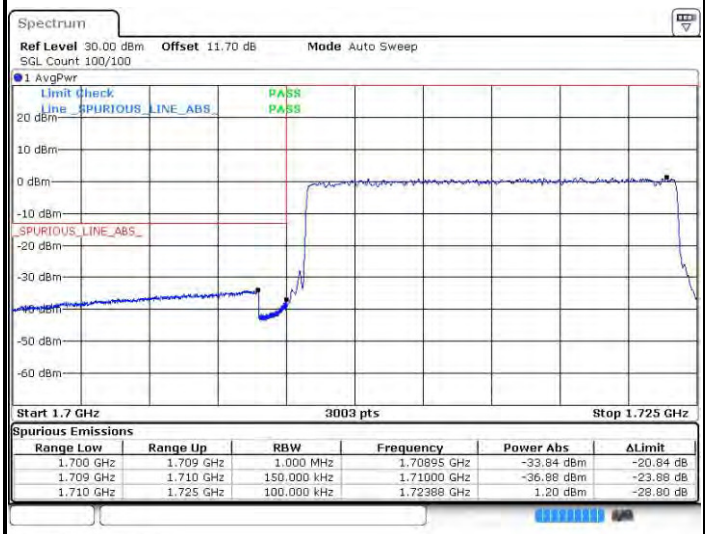


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.75417 GHz	19.81 dBm	-10.19 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75500 GHz	-28.51 dBm	-15.51 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75690 GHz	-21.55 dBm	-8.55 dB

Date: 22.MAY.2016 09:12:15

Lowest Band Edge / Full RB

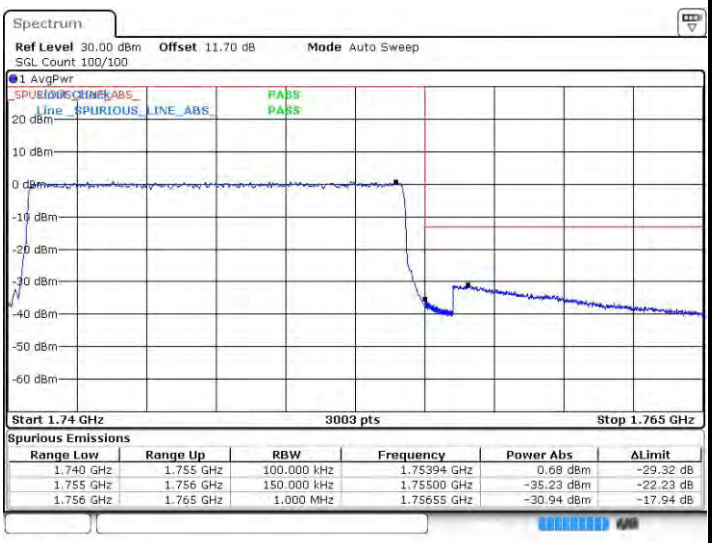


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70895 GHz	-33.84 dBm	-20.84 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.71000 GHz	-36.88 dBm	-23.88 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.72388 GHz	1.20 dBm	-28.80 dB

Date: 22.MAY.2016 09:04:53

Highest Band Edge / Full RB



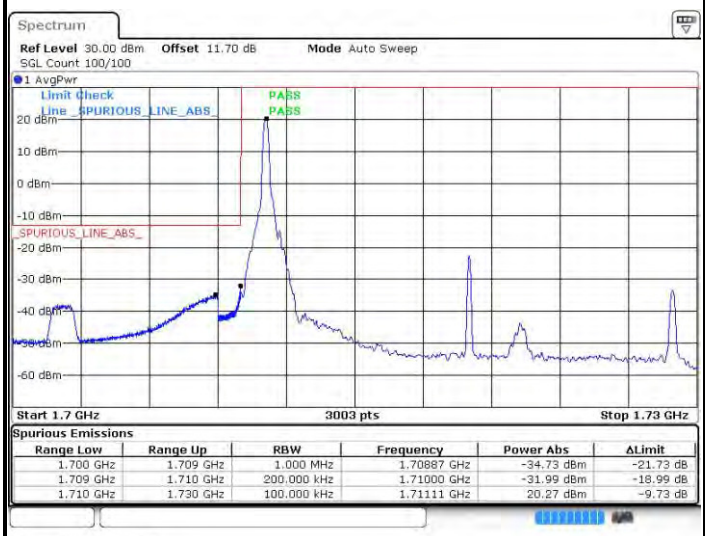
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.75394 GHz	0.68 dBm	-29.32 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75500 GHz	-35.23 dBm	-22.23 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75655 GHz	-30.94 dBm	-17.94 dB

Date: 22.MAY.2016 09:14:33

LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB

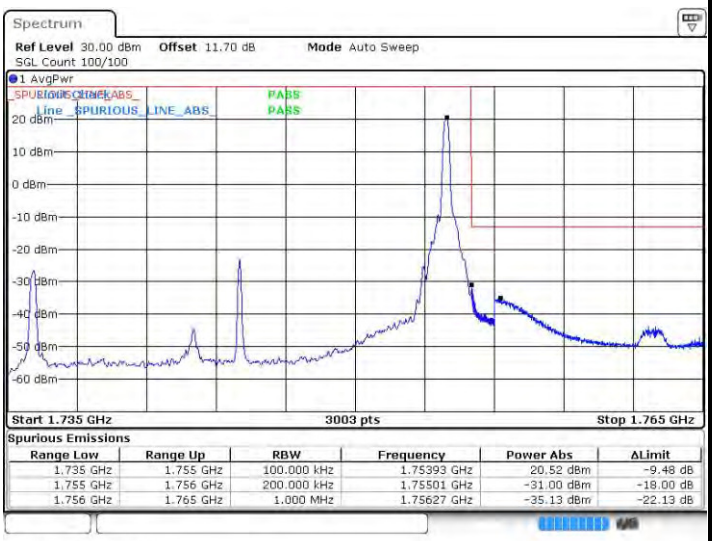


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70887 GHz	-34.73 dBm	-21.73 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-31.99 dBm	-18.99 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71111 GHz	20.27 dBm	-9.73 dB

Date: 22.MAY.2016 09:18:15

Highest Band Edge / 1 RB

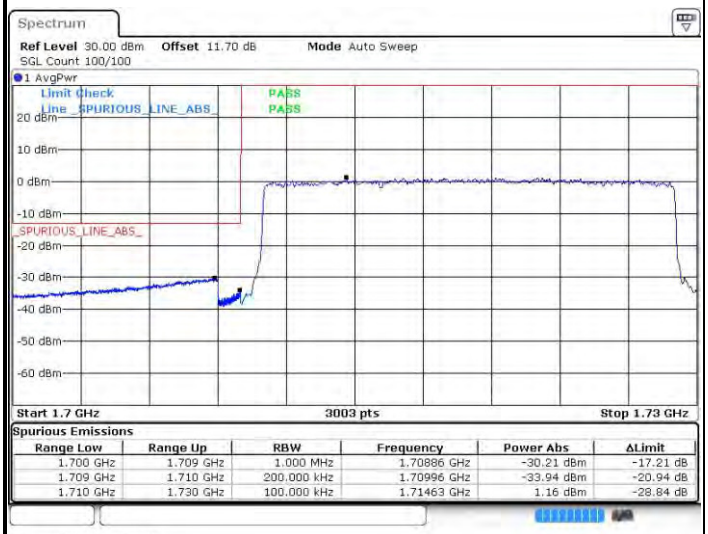


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75393 GHz	20.52 dBm	-9.48 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75501 GHz	-31.00 dBm	-18.00 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75627 GHz	-35.13 dBm	-22.13 dB

Date: 22.MAY.2016 09:27:54

Lowest Band Edge / Full RB

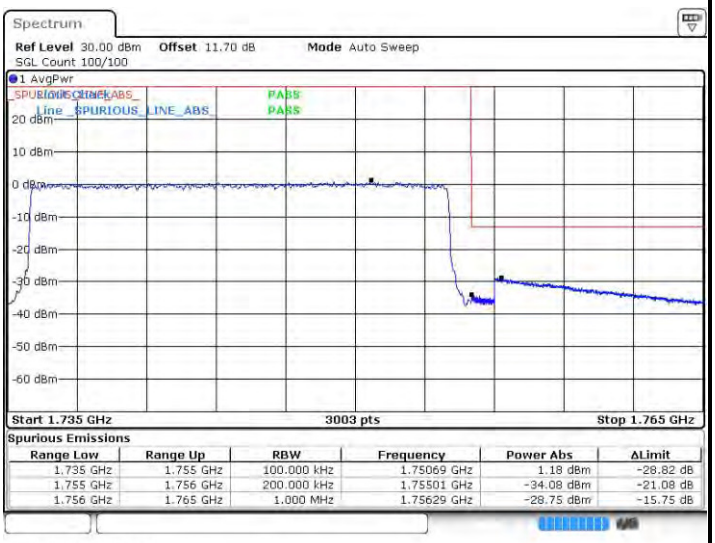


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70886 GHz	-30.21 dBm	-17.21 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70996 GHz	-33.94 dBm	-20.94 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71463 GHz	1.16 dBm	-28.84 dB

Date: 22.MAY.2016 09:20:33

Highest Band Edge / Full RB



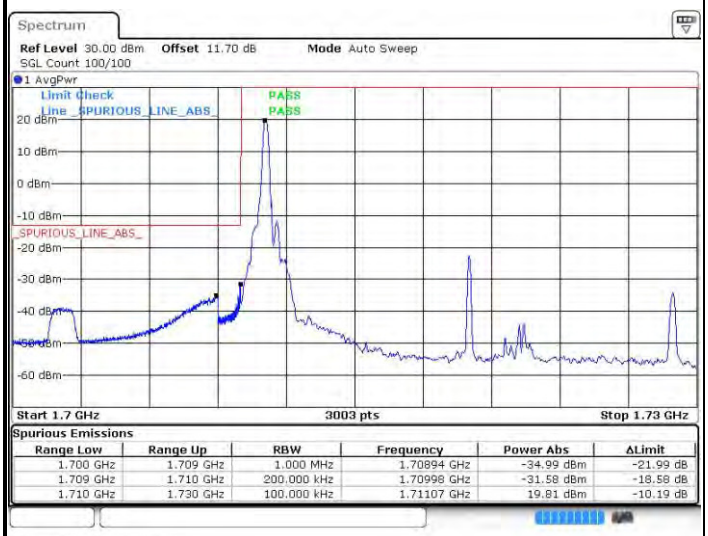
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75069 GHz	1.18 dBm	-28.82 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75501 GHz	-34.08 dBm	-21.08 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75629 GHz	-28.75 dBm	-15.75 dB

Date: 22.MAY.2016 09:30:13

LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

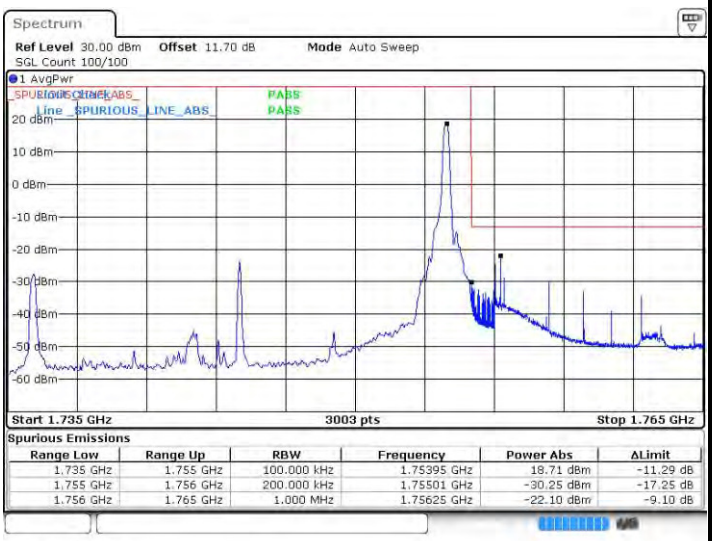


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70894 GHz	-34.99 dBm	-21.99 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70998 GHz	-31.58 dBm	-18.58 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71107 GHz	19.81 dBm	-10.19 dB

Date: 22.MAY.2016 09:19:24

Highest Band Edge / 1 RB

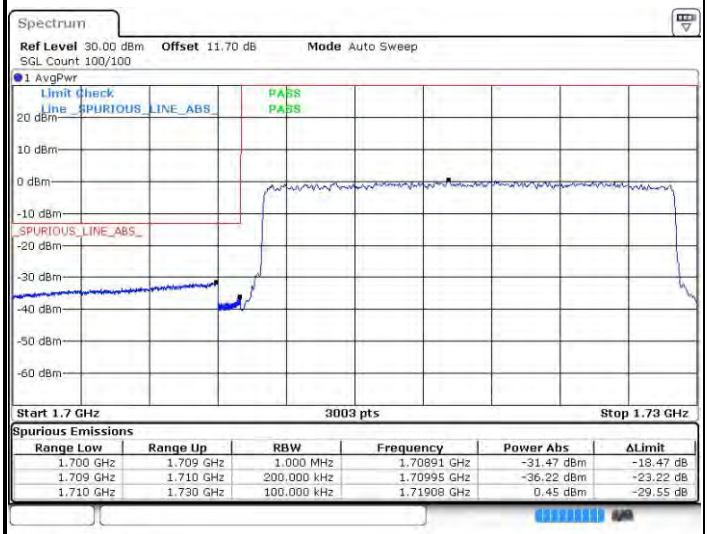


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75395 GHz	18.71 dBm	-11.29 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75501 GHz	-30.25 dBm	-17.25 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75625 GHz	-22.10 dBm	-9.10 dB

Date: 22.MAY.2016 09:29:04

Lowest Band Edge / Full RB

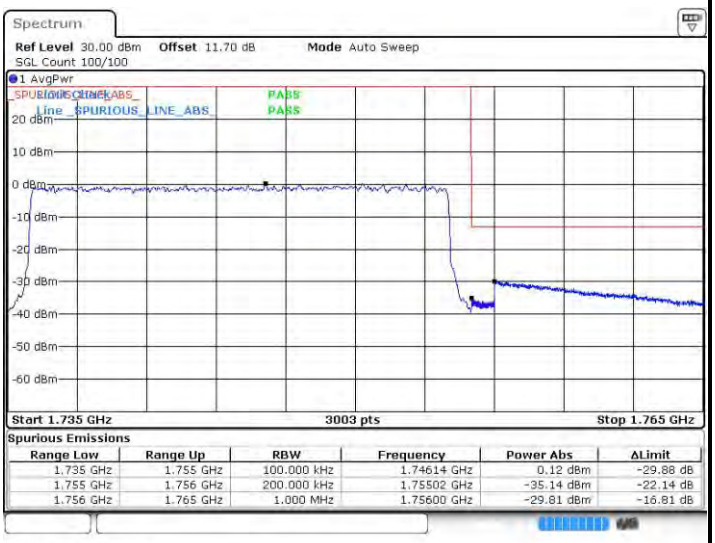


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-31.47 dBm	-18.47 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70995 GHz	-36.22 dBm	-23.22 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71908 GHz	0.45 dBm	-29.55 dB

Date: 22.MAY.2016 09:21:43

Highest Band Edge / Full RB



Spurious Emissions

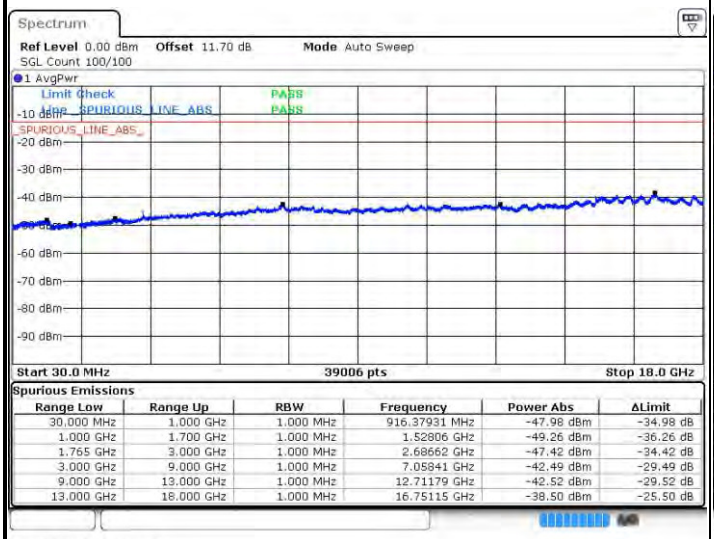
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.74614 GHz	0.12 dBm	-29.88 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75502 GHz	-35.14 dBm	-22.14 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75600 GHz	-29.81 dBm	-16.81 dB

Date: 22.MAY.2016 09:31:23

Conducted Spurious Emission

LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

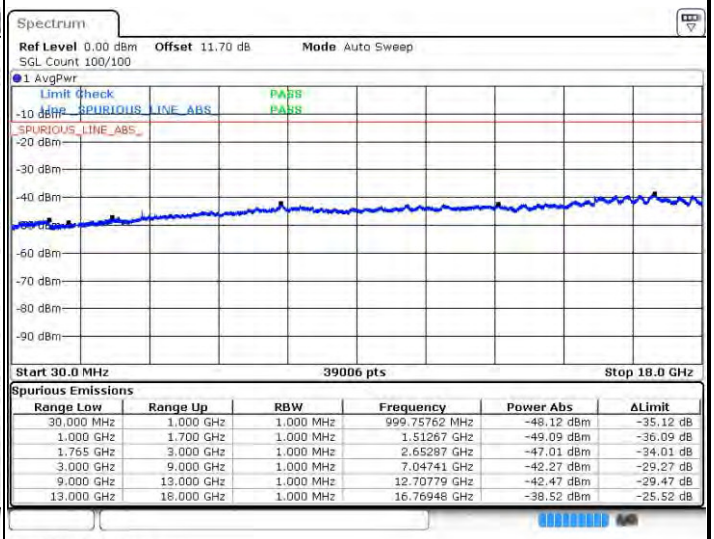


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.37931 MHz	-47.98 dBm	-34.98 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.52806 GHz	-49.26 dBm	-36.26 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.68662 GHz	-47.42 dBm	-34.42 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05841 GHz	-42.49 dBm	-29.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71179 GHz	-42.52 dBm	-29.52 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.75115 GHz	-38.50 dBm	-25.50 dB

Date: 22.MAY.2016 09:43:49

Lowest Channel / 16QAM

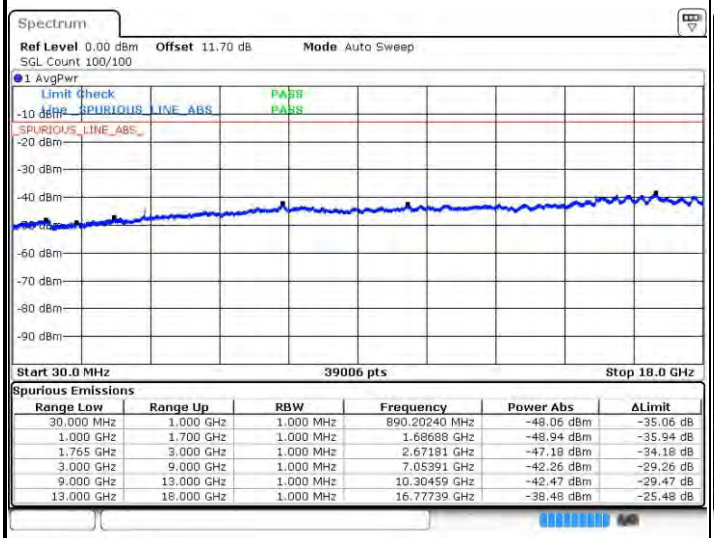


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.75762 MHz	-48.12 dBm	-35.12 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.51267 GHz	-49.09 dBm	-36.09 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.65287 GHz	-47.01 dBm	-34.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04741 GHz	-42.27 dBm	-29.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70779 GHz	-42.47 dBm	-29.47 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.76948 GHz	-38.52 dBm	-25.52 dB

Date: 22.MAY.2016 09:44:43

Middle Channel / QPSK

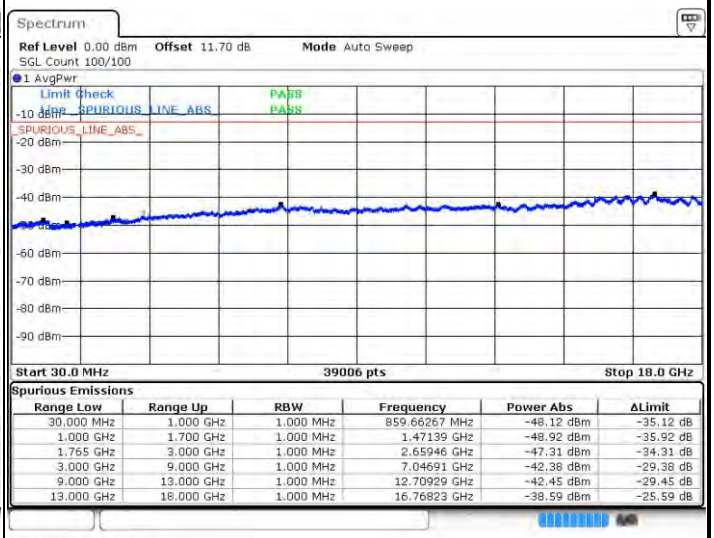


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.20240 MHz	-48.06 dBm	-35.06 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68688 GHz	-48.94 dBm	-35.94 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.67181 GHz	-47.18 dBm	-34.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05391 GHz	-42.26 dBm	-29.26 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30459 GHz	-42.47 dBm	-29.47 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77739 GHz	-38.48 dBm	-25.48 dB

Date: 22.MAY.2016 09:46:20

Middle Channel / 16QAM



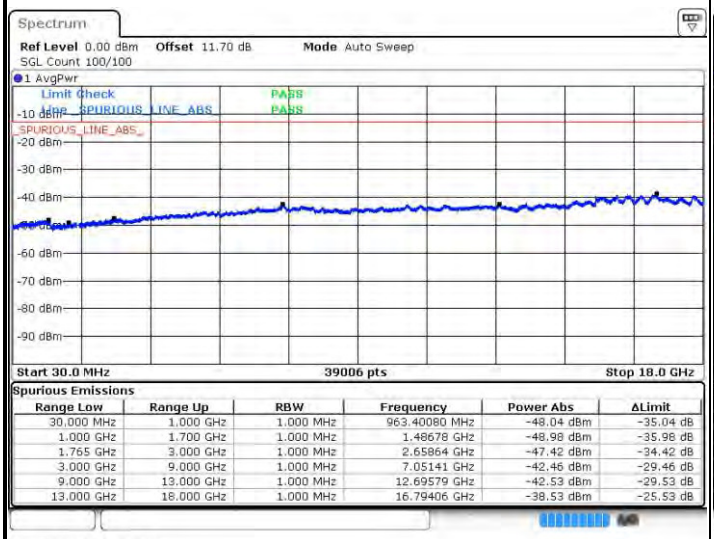
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	859.66267 MHz	-48.12 dBm	-35.12 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.47139 GHz	-48.92 dBm	-35.92 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.65946 GHz	-47.31 dBm	-34.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04691 GHz	-42.38 dBm	-29.38 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70929 GHz	-42.45 dBm	-29.45 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.76823 GHz	-38.59 dBm	-25.59 dB

Date: 22.MAY.2016 09:47:14

LTE Band 4 / 1.4MHz

Highest Channel / QPSK

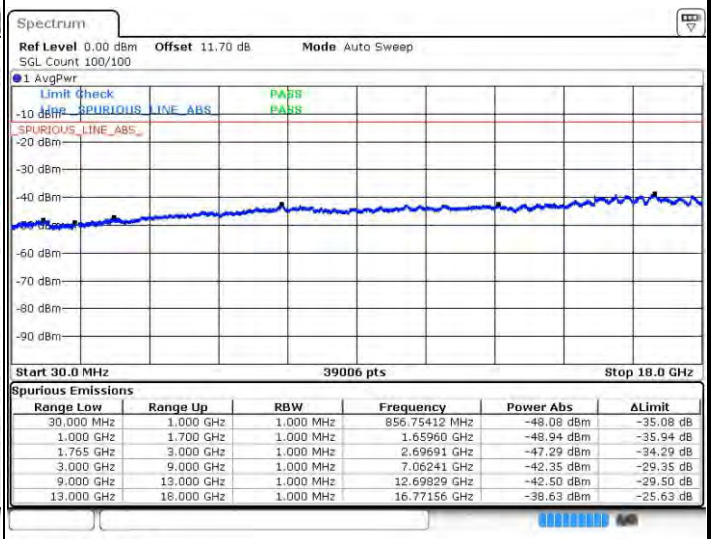


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.40080 MHz	-48.04 dBm	-35.04 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.48678 GHz	-48.98 dBm	-35.98 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.65864 GHz	-47.42 dBm	-34.42 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05141 GHz	-42.46 dBm	-29.46 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69579 GHz	-42.53 dBm	-29.53 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.79406 GHz	-38.53 dBm	-25.53 dB

Date: 22.MAY.2016 09:53:29

Highest Channel / 16QAM



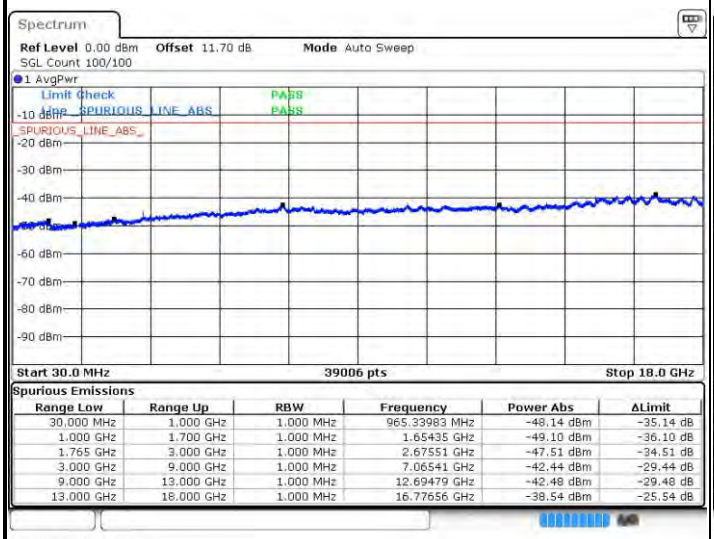
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	856.75412 MHz	-48.08 dBm	-35.08 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65960 GHz	-48.94 dBm	-35.94 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.69691 GHz	-47.29 dBm	-34.29 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06241 GHz	-42.35 dBm	-29.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69829 GHz	-42.50 dBm	-29.50 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77156 GHz	-38.63 dBm	-25.63 dB

Date: 22.MAY.2016 09:54:23

LTE Band 4 / 3MHz

Lowest Channel / QPSK

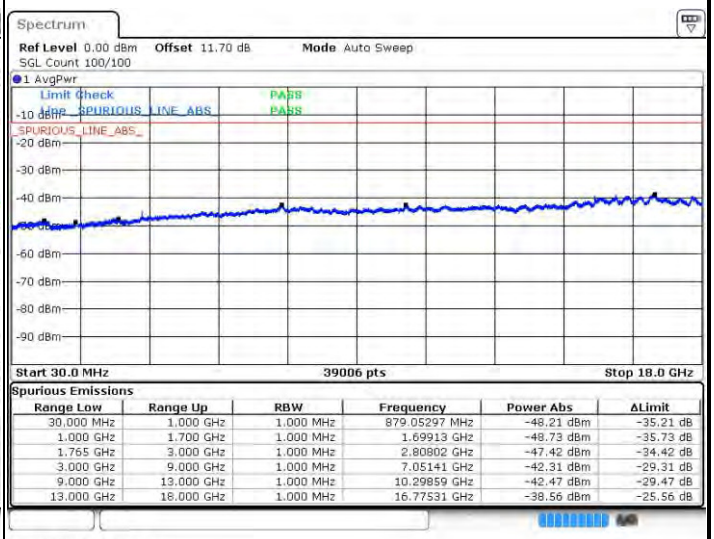


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.33983 MHz	-48.14 dBm	-35.14 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65435 GHz	-49.10 dBm	-36.10 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.67551 GHz	-47.51 dBm	-34.51 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06541 GHz	-42.44 dBm	-29.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69479 GHz	-42.48 dBm	-29.48 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77656 GHz	-38.54 dBm	-25.54 dB

Date: 22.MAY.2016 08:15:16

Lowest Channel / 16QAM



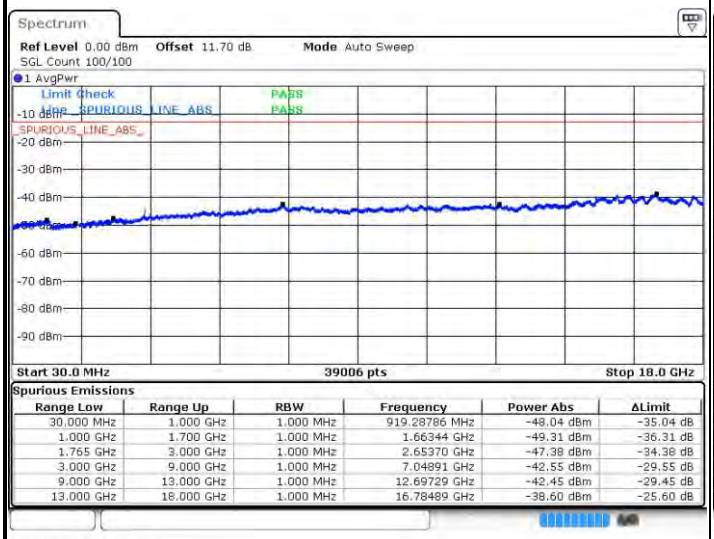
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	879.05297 MHz	-48.21 dBm	-35.21 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69913 GHz	-48.73 dBm	-35.73 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.80802 GHz	-47.42 dBm	-34.42 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05141 GHz	-42.31 dBm	-29.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.29859 GHz	-42.47 dBm	-29.47 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77531 GHz	-38.56 dBm	-25.56 dB

Date: 22.MAY.2016 08:16:11

LTE Band 4 / 3MHz

Middle Channel / QPSK

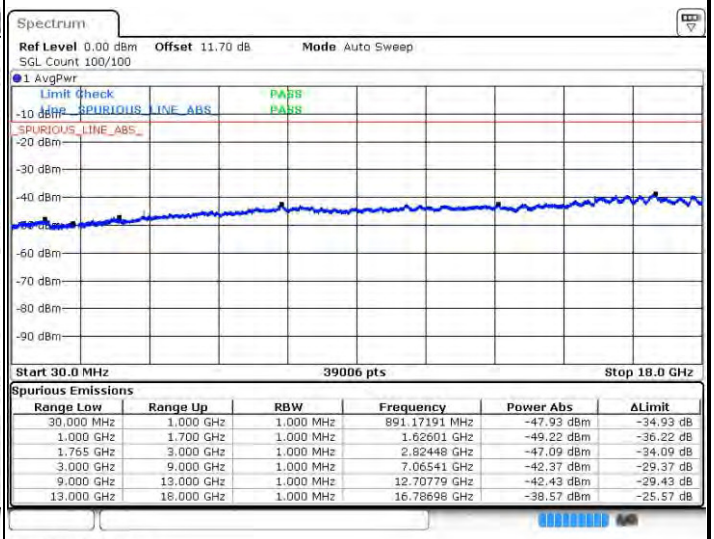


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.28786 MHz	-48.04 dBm	-35.04 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66344 GHz	-49.31 dBm	-36.31 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.65370 GHz	-47.38 dBm	-34.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04891 GHz	-42.55 dBm	-29.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69729 GHz	-42.45 dBm	-29.45 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78489 GHz	-38.60 dBm	-25.60 dB

Date: 22.MAY.2016 08:17:48

Middle Channel / 16QAM

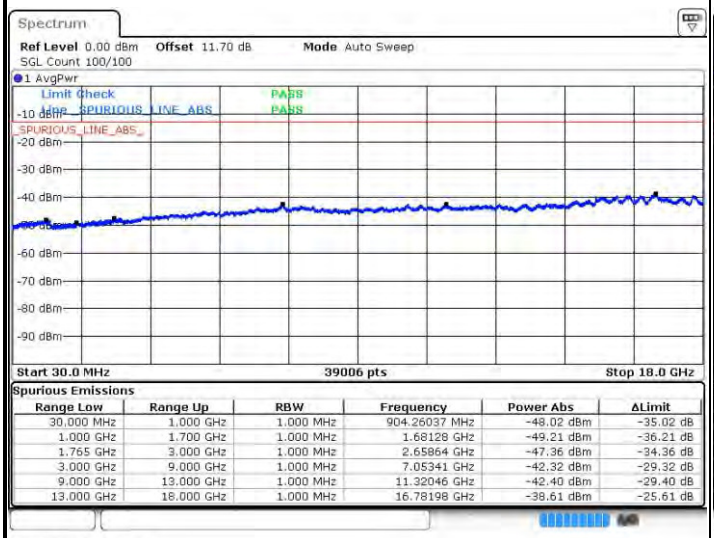


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	891.17191 MHz	-47.93 dBm	-34.93 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62601 GHz	-49.22 dBm	-36.22 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.82448 GHz	-47.09 dBm	-34.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06541 GHz	-42.37 dBm	-29.37 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70779 GHz	-42.43 dBm	-29.43 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78698 GHz	-38.57 dBm	-25.57 dB

Date: 22.MAY.2016 08:18:43

Highest Channel / QPSK

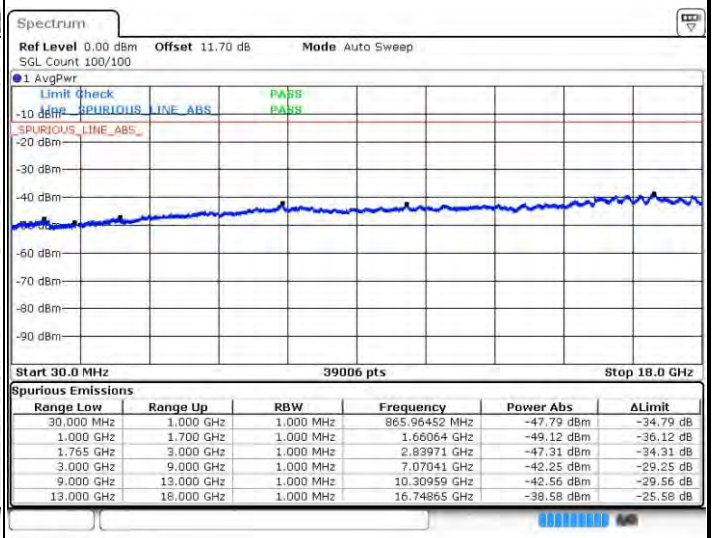


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	904.26037 MHz	-48.02 dBm	-35.02 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68128 GHz	-49.21 dBm	-36.21 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.65864 GHz	-47.36 dBm	-34.36 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05341 GHz	-42.32 dBm	-29.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.32046 GHz	-42.40 dBm	-29.40 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78198 GHz	-38.61 dBm	-25.61 dB

Date: 22.MAY.2016 08:24:57

Highest Channel / 16QAM



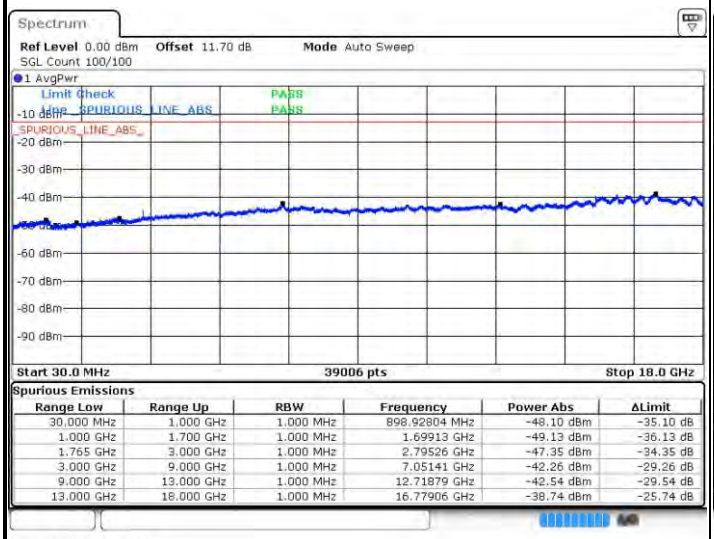
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	865.96452 MHz	-47.79 dBm	-34.79 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66064 GHz	-49.12 dBm	-36.12 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.83971 GHz	-47.31 dBm	-34.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.07041 GHz	-42.25 dBm	-29.25 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30959 GHz	-42.56 dBm	-29.56 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.74865 GHz	-38.58 dBm	-25.58 dB

Date: 22.MAY.2016 08:25:52

LTE Band 4 / 5MHz

Lowest Channel / QPSK

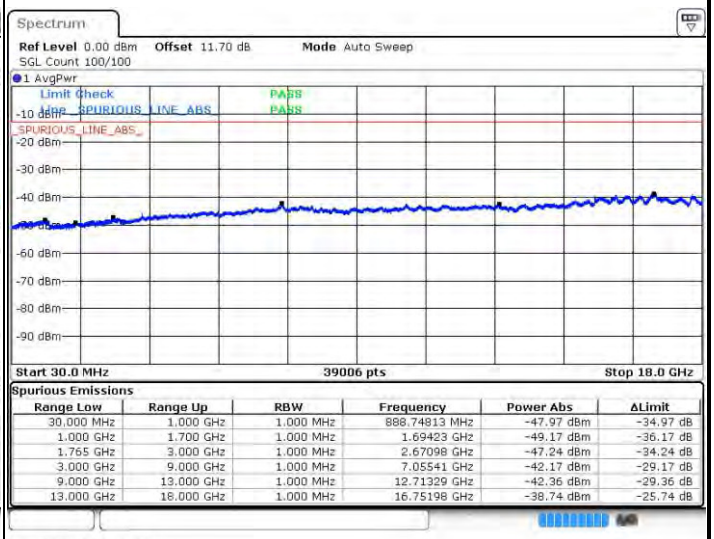


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.92804 MHz	-48.10 dBm	-35.10 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69913 GHz	-49.13 dBm	-36.13 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.79526 GHz	-47.35 dBm	-34.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05141 GHz	-42.26 dBm	-29.26 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71879 GHz	-42.54 dBm	-29.54 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77906 GHz	-38.74 dBm	-25.74 dB

Date: 22.MAY.2016 08:32:06

Lowest Channel / 16QAM

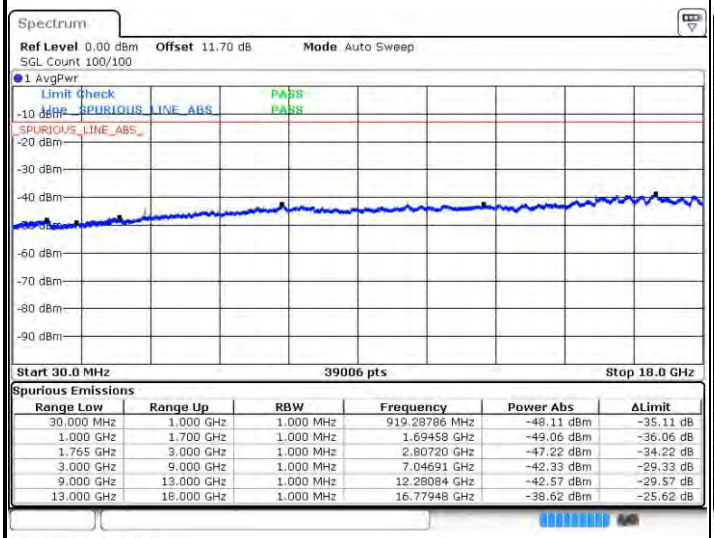


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	888.74813 MHz	-47.97 dBm	-34.97 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69423 GHz	-49.17 dBm	-36.17 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.67098 GHz	-47.24 dBm	-34.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05541 GHz	-42.17 dBm	-29.17 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71329 GHz	-42.36 dBm	-29.36 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.75198 GHz	-38.74 dBm	-25.74 dB

Date: 22.MAY.2016 08:33:01

Middle Channel / QPSK

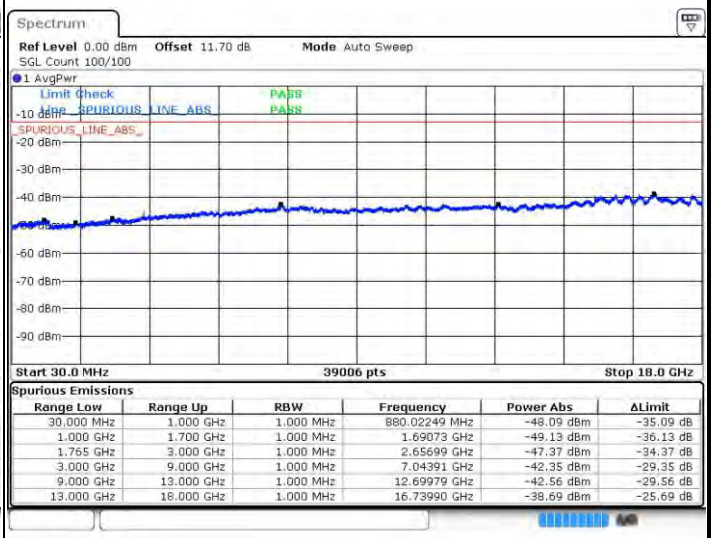


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.28786 MHz	-48.11 dBm	-35.11 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69458 GHz	-49.06 dBm	-36.06 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.80720 GHz	-47.22 dBm	-34.22 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04691 GHz	-42.33 dBm	-29.33 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.28084 GHz	-42.57 dBm	-29.57 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77948 GHz	-38.62 dBm	-25.62 dB

Date: 22.MAY.2016 08:34:38

Middle Channel / 16QAM



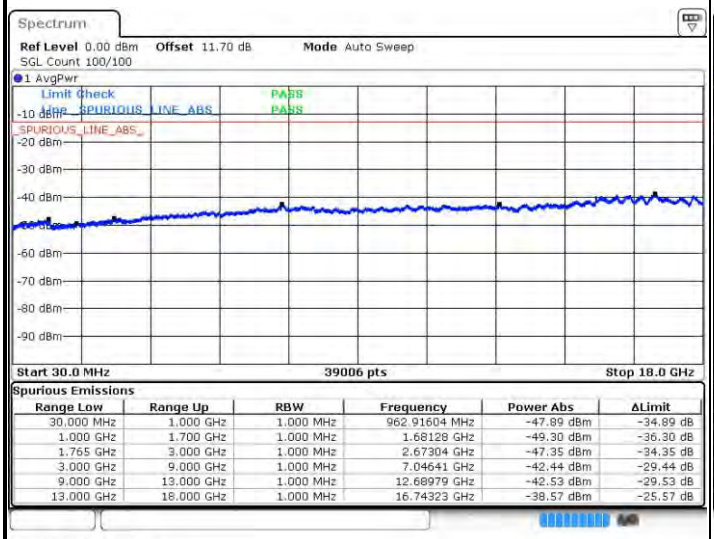
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.02249 MHz	-48.09 dBm	-35.09 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69073 GHz	-49.13 dBm	-36.13 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.65699 GHz	-47.37 dBm	-34.37 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04391 GHz	-42.35 dBm	-29.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69979 GHz	-42.56 dBm	-29.56 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.73990 GHz	-38.69 dBm	-25.69 dB

Date: 22.MAY.2016 08:35:33

LTE Band 4 / 5MHz

Highest Channel / QPSK

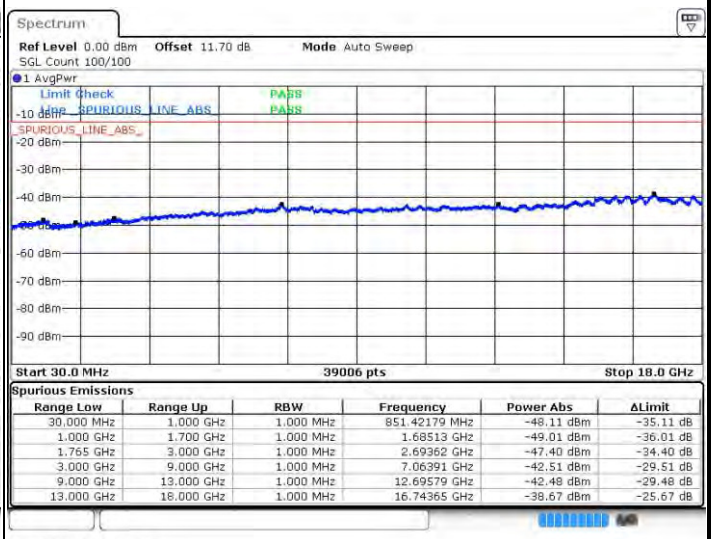


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.91604 MHz	-47.89 dBm	-34.89 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68128 GHz	-49.30 dBm	-36.30 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.67304 GHz	-47.35 dBm	-34.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04641 GHz	-42.44 dBm	-29.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68979 GHz	-42.53 dBm	-29.53 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.74323 GHz	-38.57 dBm	-25.57 dB

Date: 22.MAY.2016 08:41:48

Highest Channel / 16QAM



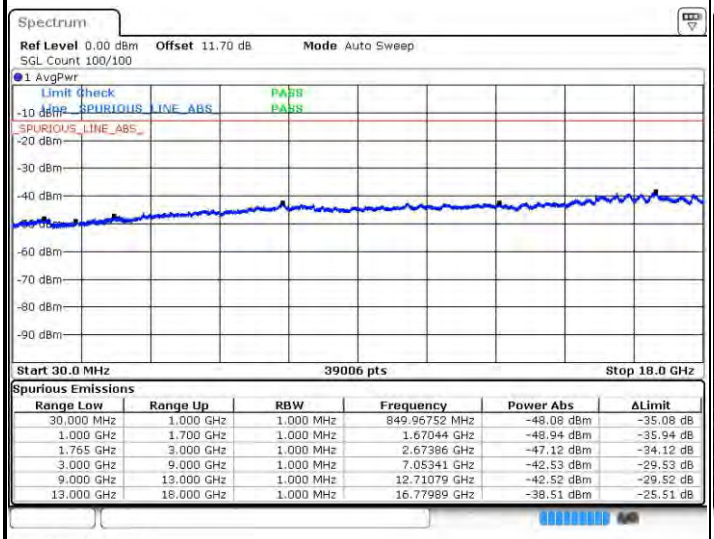
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	851.42179 MHz	-48.11 dBm	-35.11 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68513 GHz	-49.01 dBm	-36.01 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.69362 GHz	-47.40 dBm	-34.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06391 GHz	-42.51 dBm	-29.51 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69579 GHz	-42.48 dBm	-29.48 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.74365 GHz	-38.67 dBm	-25.67 dB

Date: 22.MAY.2016 08:42:42

LTE Band 4 / 10MHz

Lowest Channel / QPSK

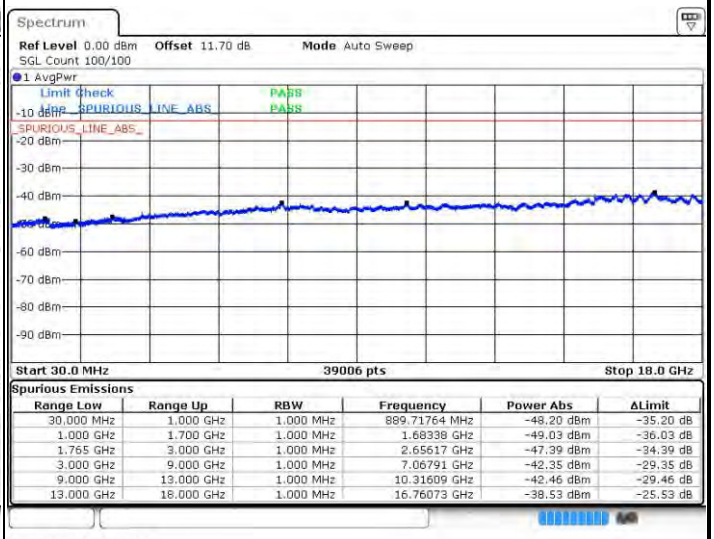


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	849.96752 MHz	-48.08 dBm	-35.08 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67044 GHz	-48.94 dBm	-35.94 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.67386 GHz	-47.12 dBm	-34.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05341 GHz	-42.53 dBm	-29.53 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71079 GHz	-42.52 dBm	-29.52 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77989 GHz	-38.51 dBm	-25.51 dB

Date: 22.MAY.2016 08:48:57

Lowest Channel / 16QAM



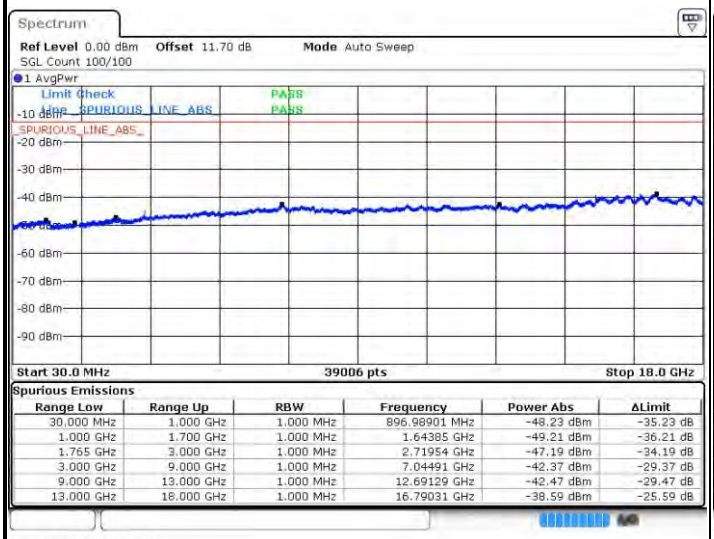
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	889.71764 MHz	-48.20 dBm	-35.20 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68338 GHz	-49.03 dBm	-36.03 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.65617 GHz	-47.39 dBm	-34.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06791 GHz	-42.35 dBm	-29.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31609 GHz	-42.46 dBm	-29.46 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.76073 GHz	-38.53 dBm	-25.53 dB

Date: 22.MAY.2016 08:49:52

LTE Band 4 / 10MHz

Middle Channel / QPSK

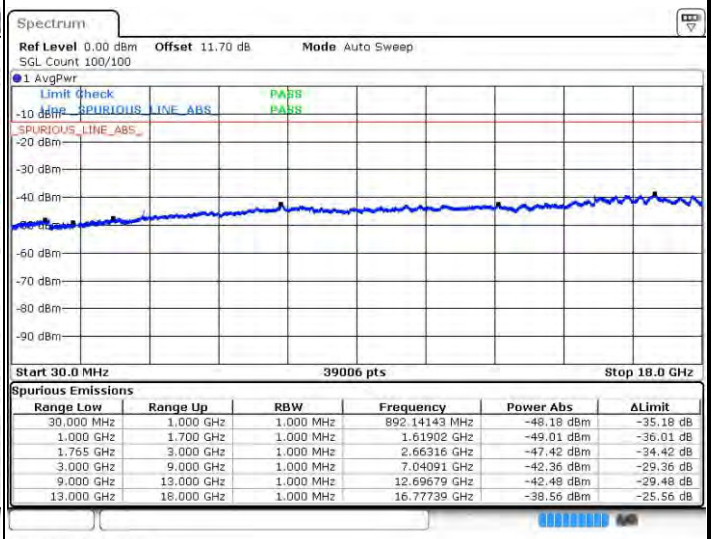


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.98901 MHz	-48.23 dBm	-35.23 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64385 GHz	-49.21 dBm	-36.21 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.71954 GHz	-47.19 dBm	-34.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04491 GHz	-42.37 dBm	-29.37 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69129 GHz	-42.47 dBm	-29.47 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.79031 GHz	-38.59 dBm	-25.59 dB

Date: 22.MAY.2016 08:51:29

Middle Channel / 16QAM

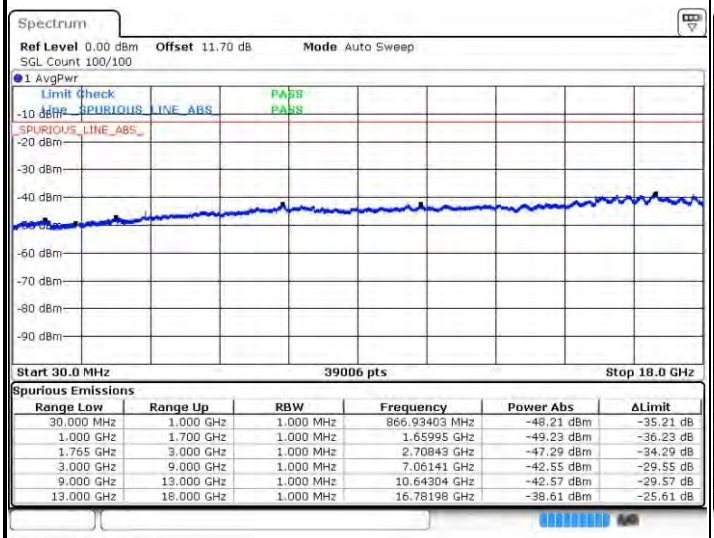


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.14143 MHz	-48.18 dBm	-35.18 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61902 GHz	-49.01 dBm	-36.01 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.66316 GHz	-47.42 dBm	-34.42 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04091 GHz	-42.36 dBm	-29.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69679 GHz	-42.48 dBm	-29.48 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77739 GHz	-38.56 dBm	-25.56 dB

Date: 22.MAY.2016 08:52:23

Highest Channel / QPSK

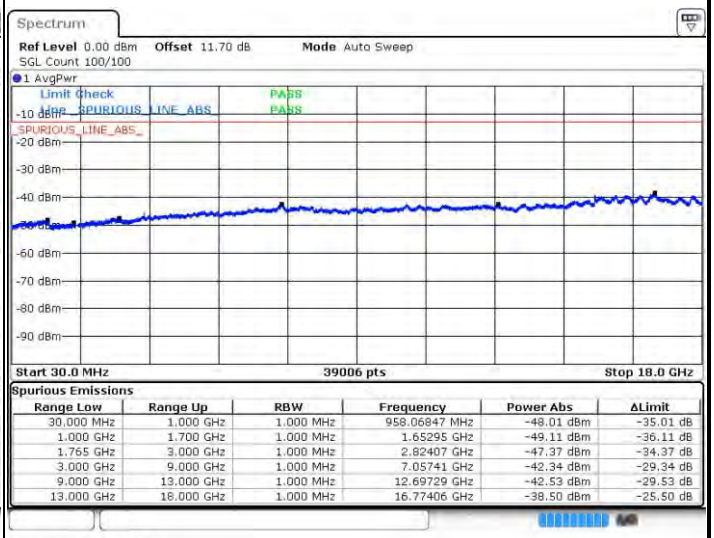


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	866.93403 MHz	-48.21 dBm	-35.21 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65995 GHz	-49.23 dBm	-36.23 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.70843 GHz	-47.29 dBm	-34.29 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06141 GHz	-42.55 dBm	-29.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.64304 GHz	-42.57 dBm	-29.57 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78198 GHz	-38.61 dBm	-25.61 dB

Date: 22.MAY.2016 08:58:38

Highest Channel / 16QAM



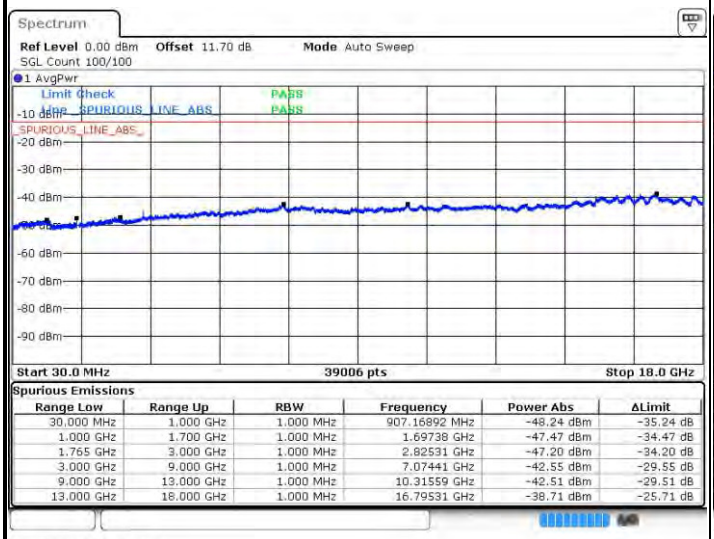
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.06847 MHz	-48.01 dBm	-35.01 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65295 GHz	-49.11 dBm	-36.11 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.82407 GHz	-47.37 dBm	-34.37 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05741 GHz	-42.34 dBm	-29.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69729 GHz	-42.53 dBm	-29.53 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77406 GHz	-38.50 dBm	-25.50 dB

Date: 22.MAY.2016 08:59:33

LTE Band 4 / 15MHz

Lowest Channel / QPSK

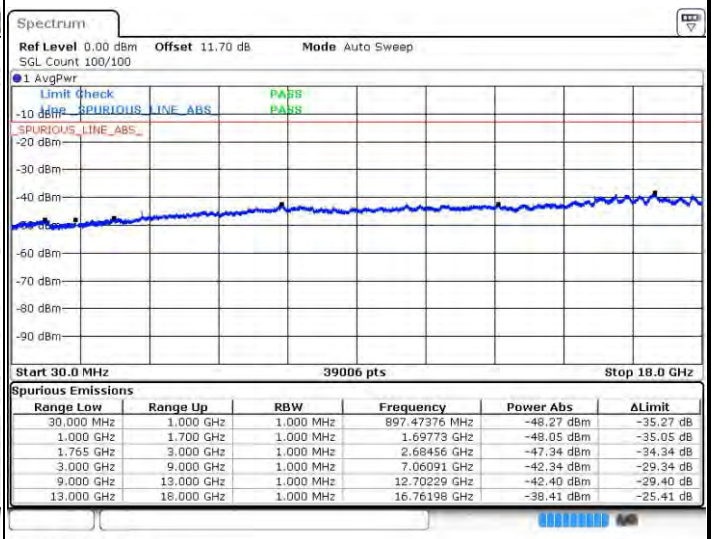


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	907.16892 MHz	-48.24 dBm	-35.24 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69738 GHz	-47.47 dBm	-34.47 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.82531 GHz	-47.20 dBm	-34.20 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.07441 GHz	-42.55 dBm	-29.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31559 GHz	-42.51 dBm	-29.51 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.79531 GHz	-38.71 dBm	-25.71 dB

Date: 22.MAY.2016 09:05:48

Lowest Channel / 16QAM

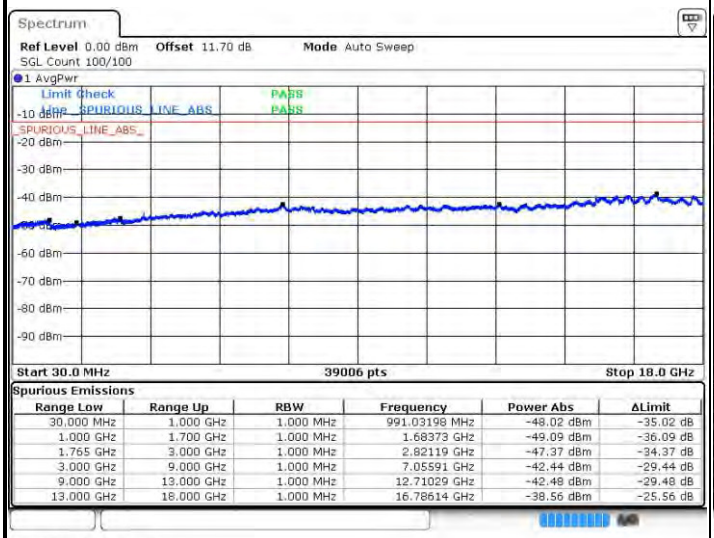


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.47376 MHz	-48.27 dBm	-35.27 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-48.05 dBm	-35.05 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.68456 GHz	-47.34 dBm	-34.34 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06091 GHz	-42.34 dBm	-29.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70229 GHz	-42.40 dBm	-29.40 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.76198 GHz	-38.41 dBm	-25.41 dB

Date: 22.MAY.2016 09:06:42

Middle Channel / QPSK

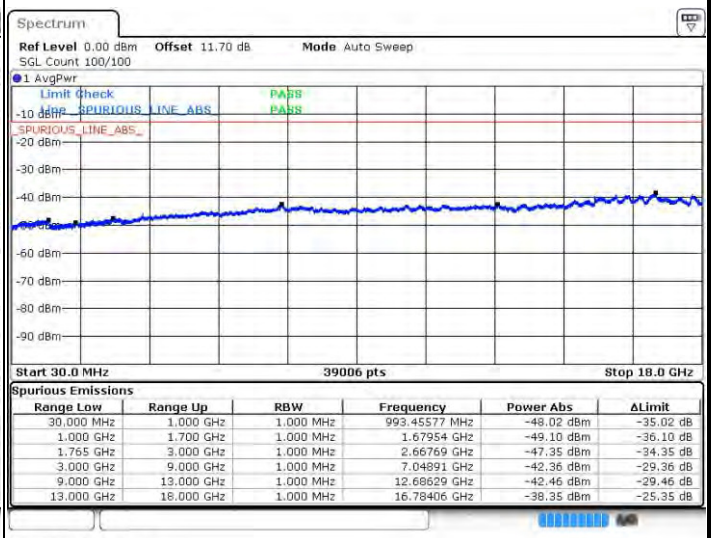


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.03198 MHz	-48.02 dBm	-35.02 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68373 GHz	-49.09 dBm	-36.09 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.82119 GHz	-47.37 dBm	-34.37 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05591 GHz	-42.44 dBm	-29.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71029 GHz	-42.48 dBm	-29.48 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78614 GHz	-38.56 dBm	-25.56 dB

Date: 22.MAY.2016 09:08:19

Middle Channel / 16QAM



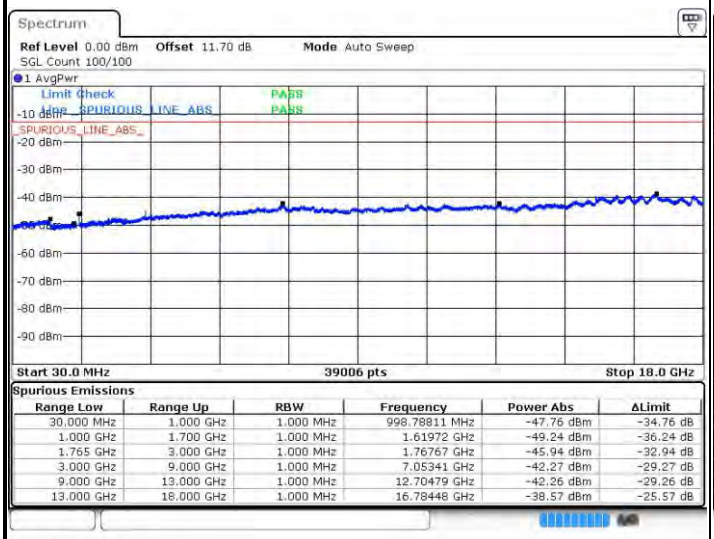
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-48.02 dBm	-35.02 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67954 GHz	-49.10 dBm	-36.10 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.66769 GHz	-47.35 dBm	-34.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04891 GHz	-42.36 dBm	-29.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68629 GHz	-42.46 dBm	-29.46 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78406 GHz	-38.35 dBm	-25.35 dB

Date: 22.MAY.2016 09:09:14

LTE Band 4 / 15MHz

Highest Channel / QPSK

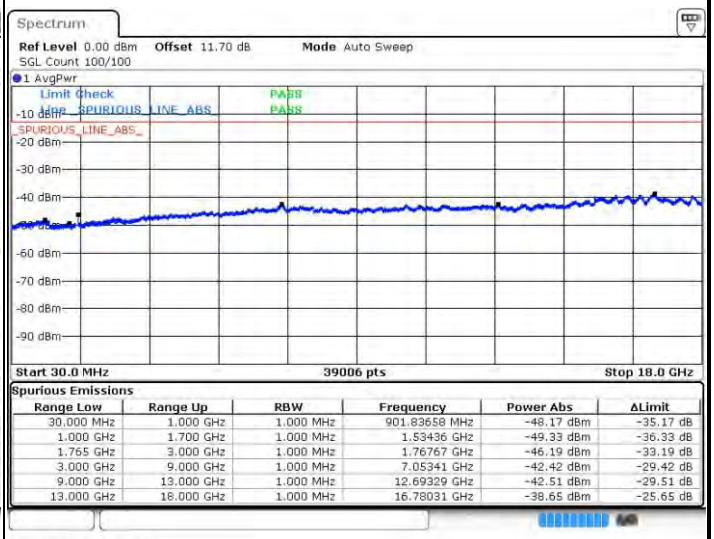


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-47.76 dBm	-34.76 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61972 GHz	-49.24 dBm	-36.24 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-45.94 dBm	-32.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05341 GHz	-42.27 dBm	-29.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70479 GHz	-42.26 dBm	-29.26 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78448 GHz	-38.57 dBm	-25.57 dB

Date: 22.MAY.2016 09:15:28

Highest Channel / 16QAM



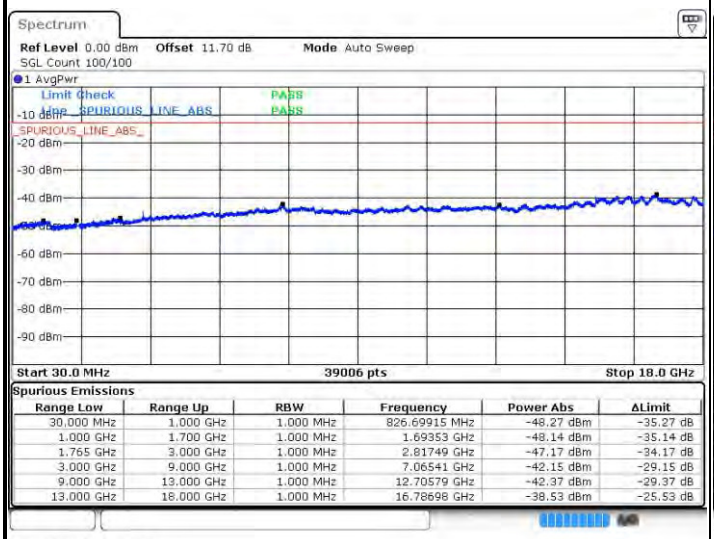
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.83658 MHz	-48.17 dBm	-35.17 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.53436 GHz	-49.33 dBm	-36.33 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-46.19 dBm	-33.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05341 GHz	-42.42 dBm	-29.42 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69329 GHz	-42.51 dBm	-29.51 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78031 GHz	-38.65 dBm	-25.65 dB

Date: 22.MAY.2016 09:16:23

LTE Band 4 / 20MHz

Lowest Channel / QPSK

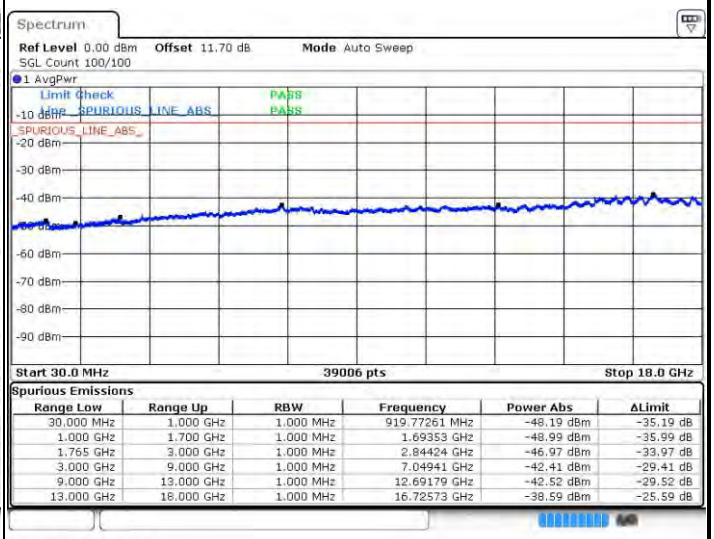


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	826.69915 MHz	-48.27 dBm	-35.27 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-48.14 dBm	-35.14 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.81749 GHz	-47.17 dBm	-34.17 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06541 GHz	-42.15 dBm	-29.15 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70579 GHz	-42.37 dBm	-29.37 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78698 GHz	-38.53 dBm	-25.53 dB

Date: 22.MAY.2016 09:22:37

Lowest Channel / 16QAM



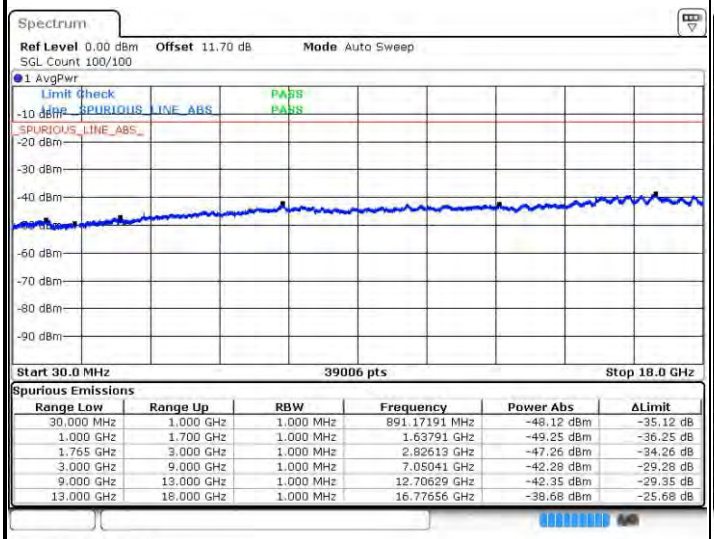
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.77261 MHz	-48.19 dBm	-35.19 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-48.99 dBm	-35.99 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.84424 GHz	-46.97 dBm	-33.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04941 GHz	-42.41 dBm	-29.41 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69179 GHz	-42.52 dBm	-29.52 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.72573 GHz	-38.59 dBm	-25.59 dB

Date: 22.MAY.2016 09:23:32

LTE Band 4 / 20MHz

Middle Channel / QPSK

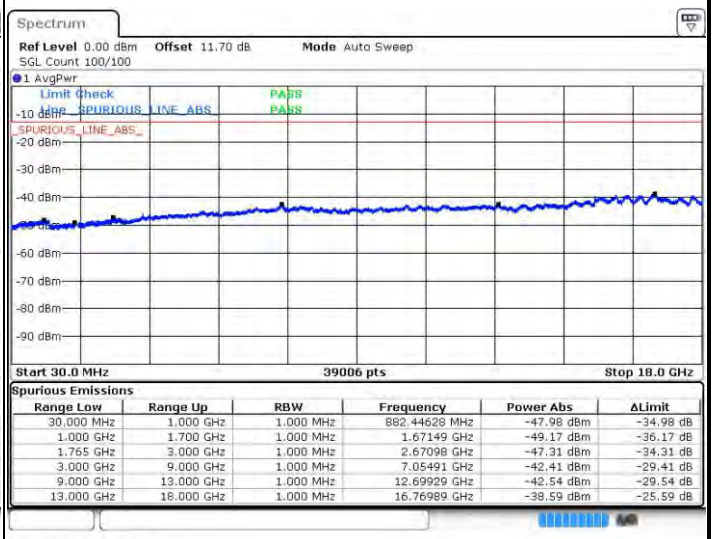


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	891.17191 MHz	-48.12 dBm	-35.12 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63791 GHz	-49.25 dBm	-36.25 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.82613 GHz	-47.26 dBm	-34.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05041 GHz	-42.28 dBm	-29.28 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70629 GHz	-42.35 dBm	-29.35 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77656 GHz	-38.68 dBm	-25.68 dB

Date: 22.MAY.2016 09:25:09

Middle Channel / 16QAM

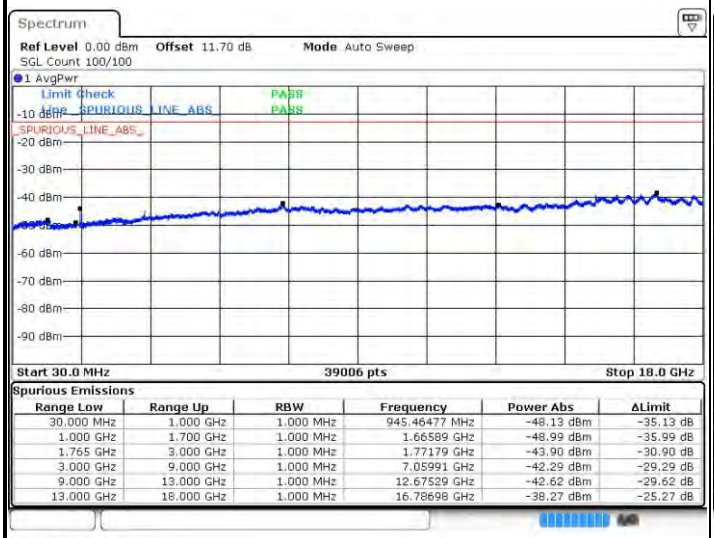


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	882.44628 MHz	-47.98 dBm	-34.98 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67149 GHz	-49.17 dBm	-36.17 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.67098 GHz	-47.31 dBm	-34.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05491 GHz	-42.41 dBm	-29.41 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69929 GHz	-42.54 dBm	-29.54 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.76989 GHz	-38.59 dBm	-25.59 dB

Date: 22.MAY.2016 09:26:03

Highest Channel / QPSK

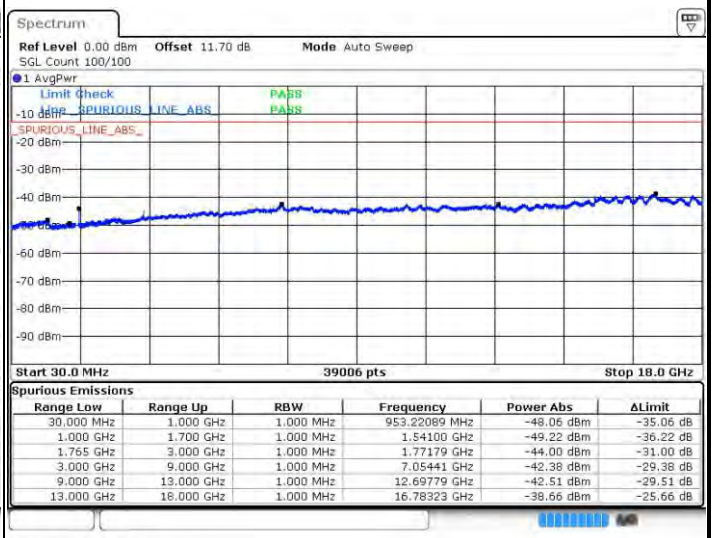


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	945.46477 MHz	-48.13 dBm	-35.13 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66589 GHz	-48.99 dBm	-35.99 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77179 GHz	-43.90 dBm	-30.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05991 GHz	-42.29 dBm	-29.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67529 GHz	-42.62 dBm	-29.62 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78698 GHz	-38.27 dBm	-25.27 dB

Date: 22.MAY.2016 09:32:17

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.22089 MHz	-48.06 dBm	-35.06 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.54100 GHz	-49.22 dBm	-36.22 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77179 GHz	-44.00 dBm	-31.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05441 GHz	-42.38 dBm	-29.38 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69779 GHz	-42.51 dBm	-29.51 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78323 GHz	-38.66 dBm	-25.66 dB

Date: 22.MAY.2016 09:33:12

Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0059	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0062	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0065	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.3 V.；Maximum Voltage =4.4 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

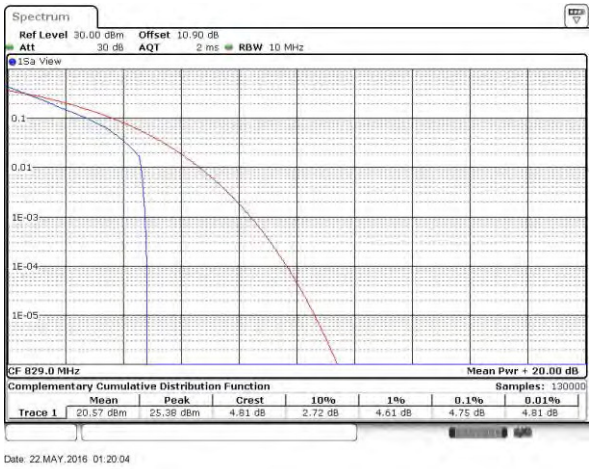
LTE Band 5

Peak-to-Average Ratio

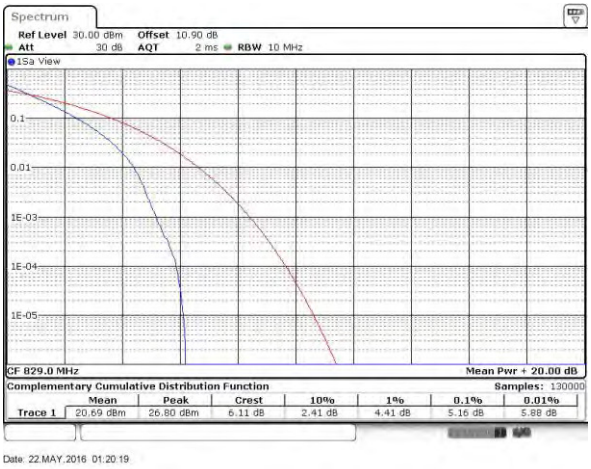
Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.75	5.16	5.57	6.03	PASS
Middle CH	4.64	5.01	5.16	5.8	
Highest CH	4.52	4.96	5.54	5.94	

LTE Band 5 / 10MHz / QPSK

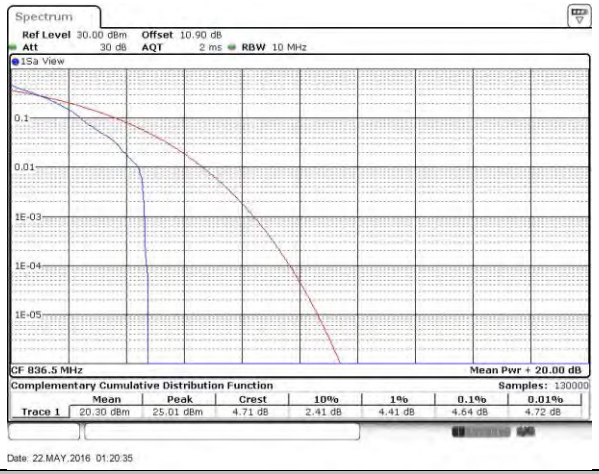
Lowest Channel / 1RB



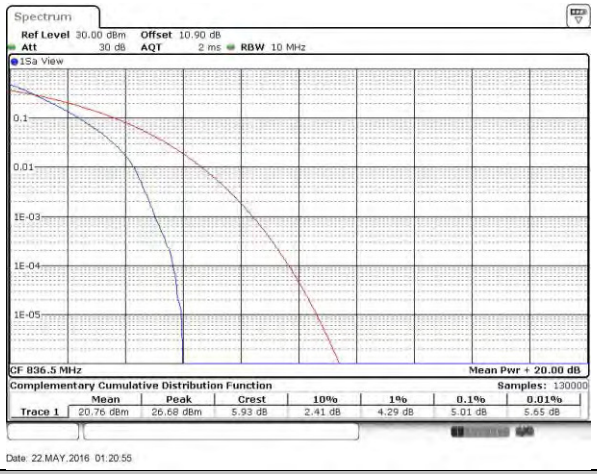
Lowest Channel / Full RB



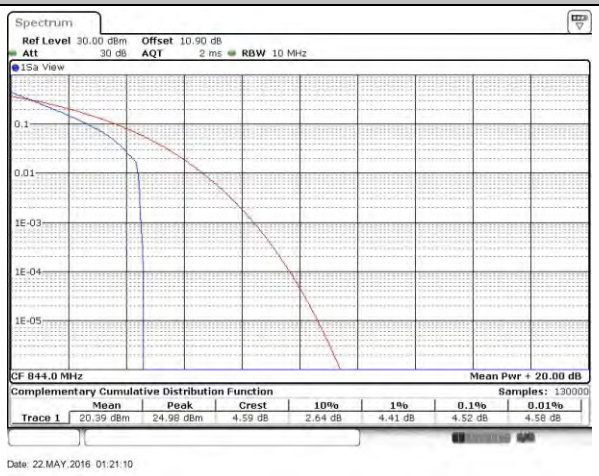
Middle Channel / 1RB



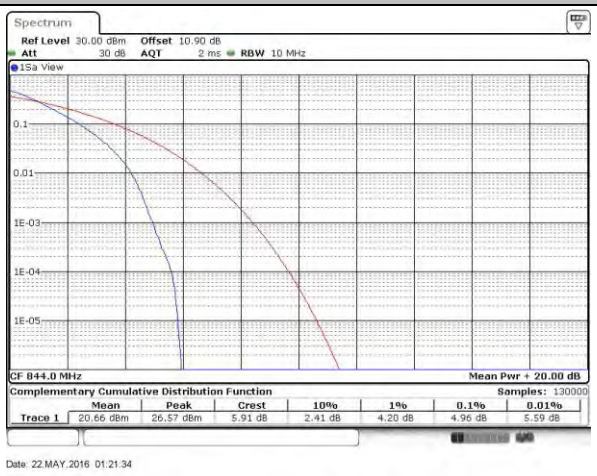
Middle Channel / Full RB



Highest Channel / 1RB

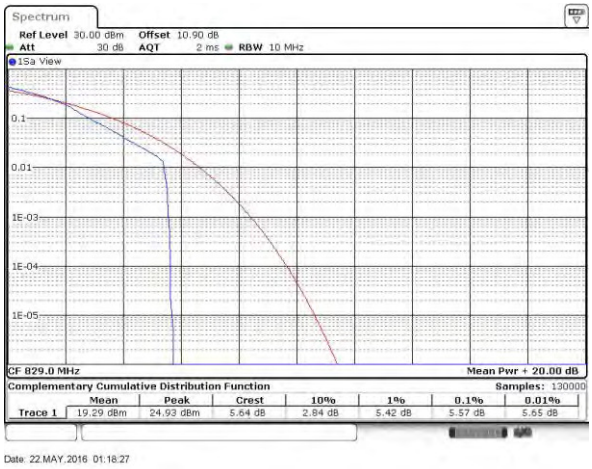


Highest Channel / Full RB

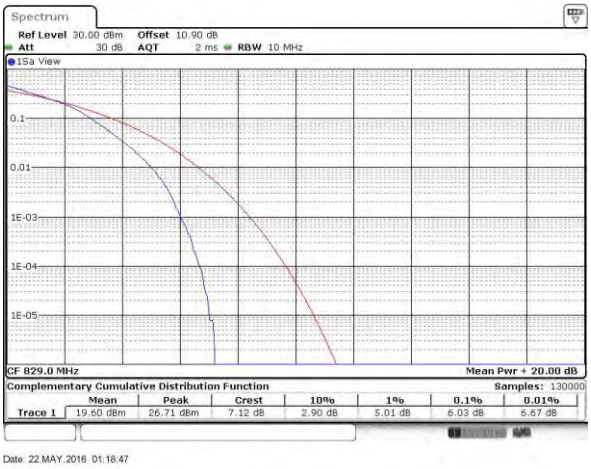


LTE Band 5 / 10MHz / 16QAM

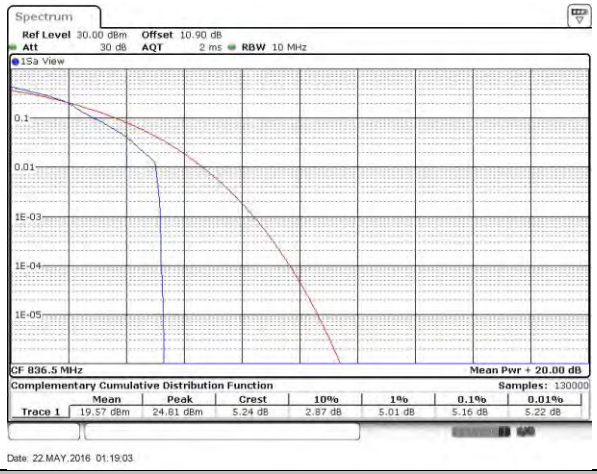
Lowest Channel / 1RB



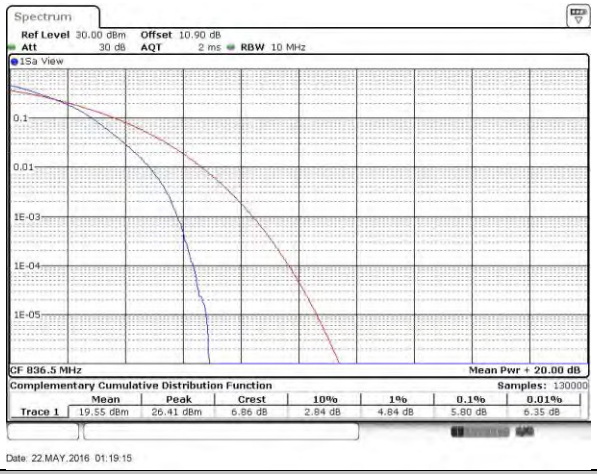
Lowest Channel / Full RB



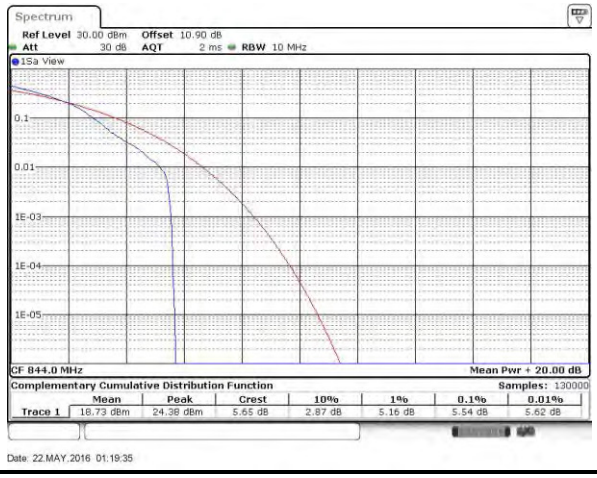
Middle Channel / 1RB



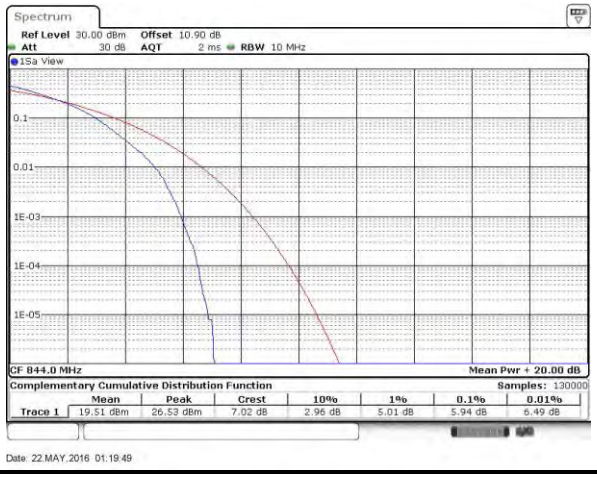
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

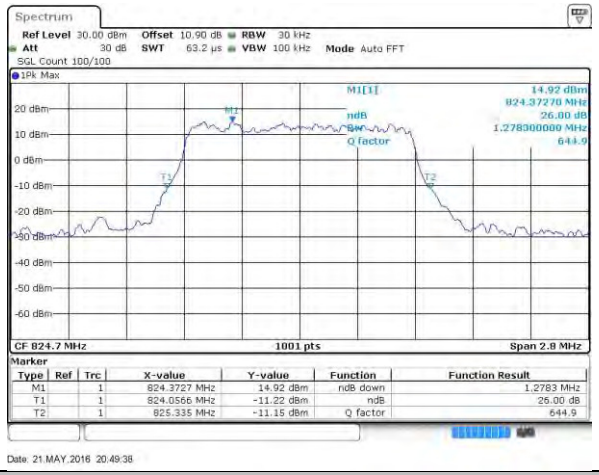


26dB Bandwidth

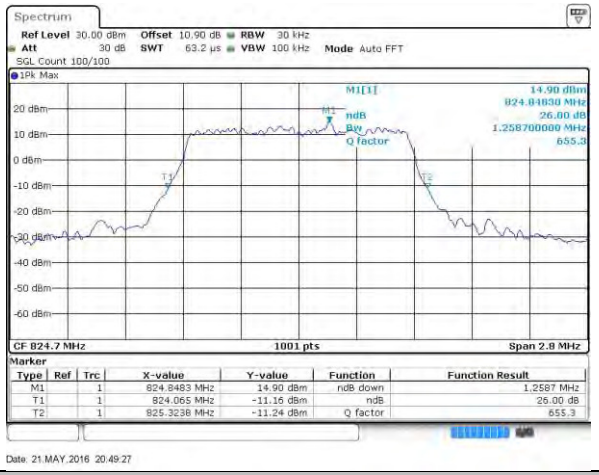
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.28	1.26	3	3.03	4.92	4.93	9.77	9.89	-	-	-	-
Middle CH	1.28	1.27	2.98	2.97	4.92	4.91	9.85	9.95	-	-	-	-
Highest CH	1.27	1.3	3.03	3.01	5.02	4.91	10.05	9.81	-	-	-	-

LTE Band 5

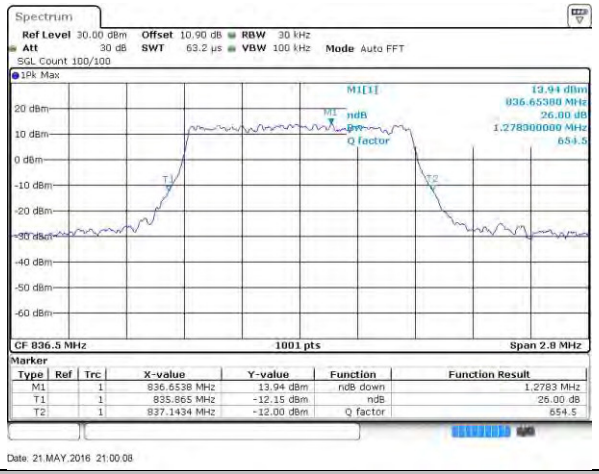
Lowest Channel / 1.4MHz / QPSK



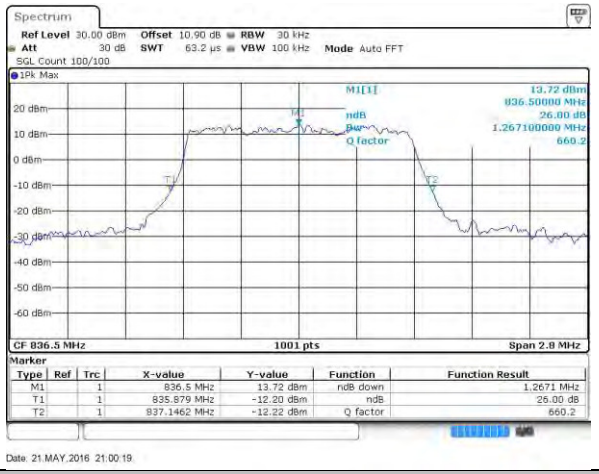
Lowest Channel / 1.4MHz / 16QAM



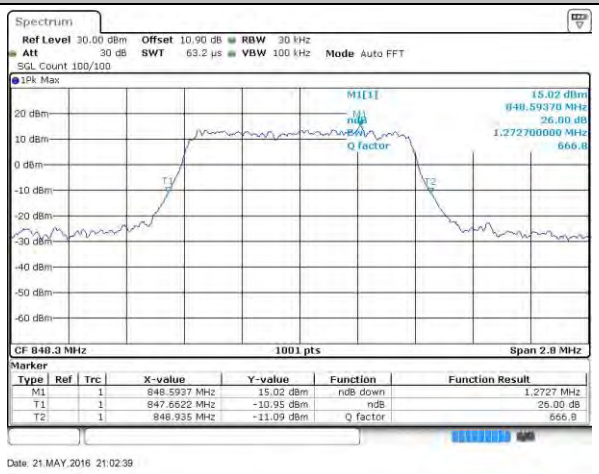
Middle Channel / 1.4MHz / QPSK



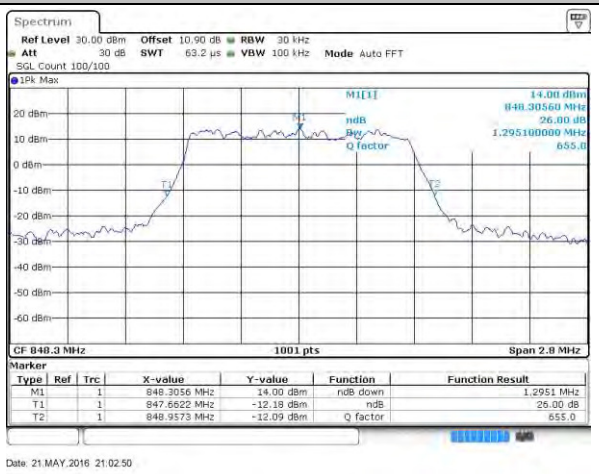
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

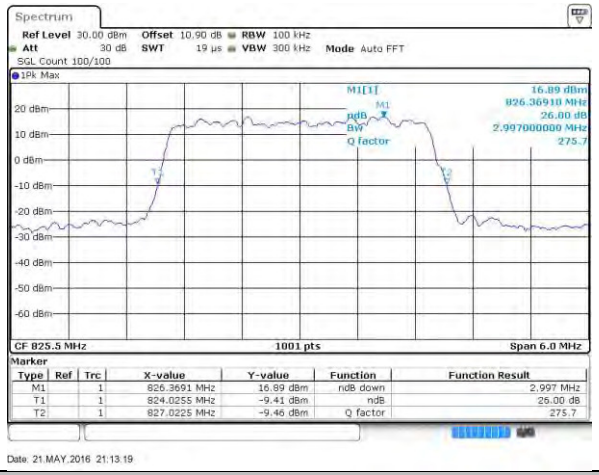


Highest Channel / 1.4MHz / 16QAM

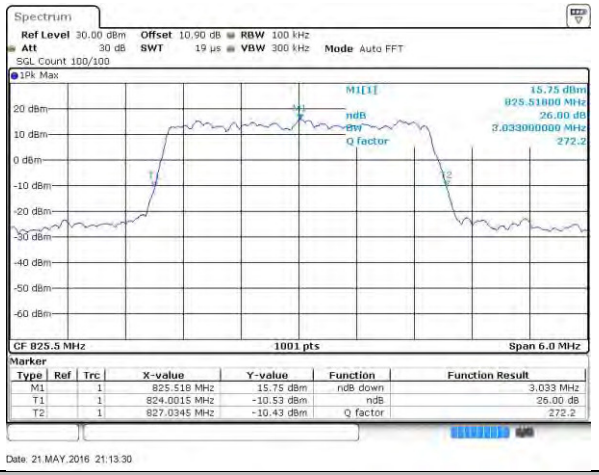


LTE Band 5

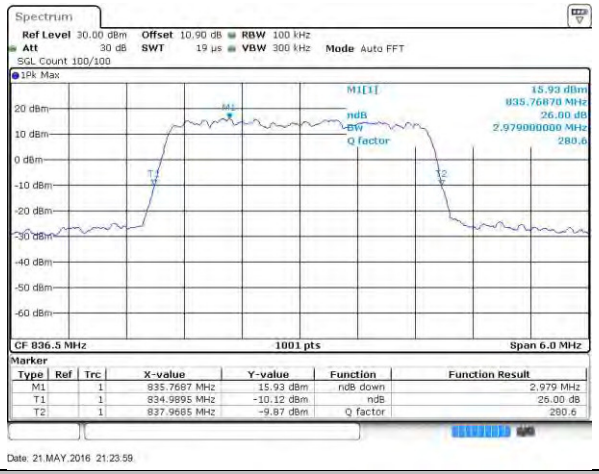
Lowest Channel / 3MHz / QPSK



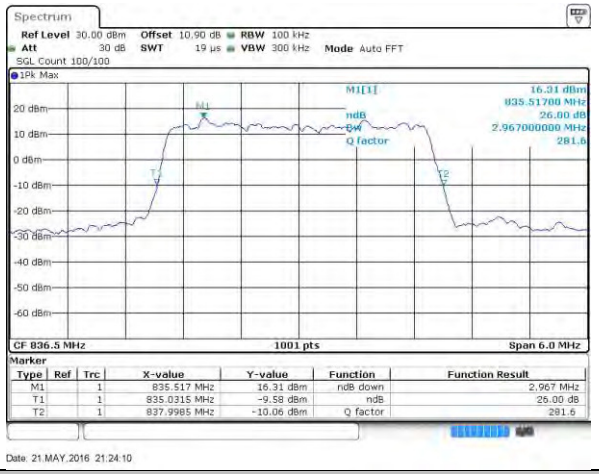
Lowest Channel / 3MHz / 16QAM



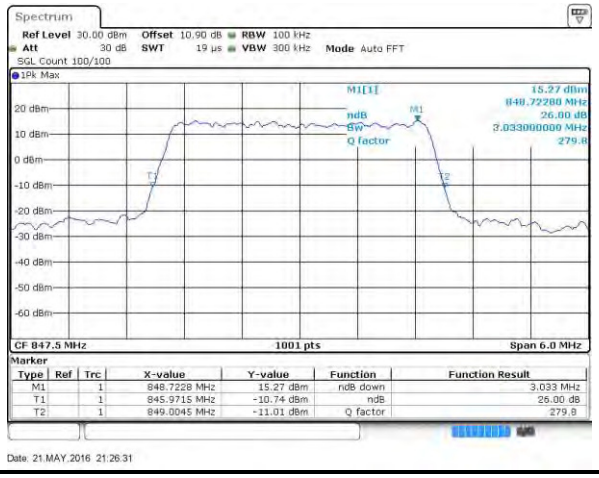
Middle Channel / 3MHz / QPSK



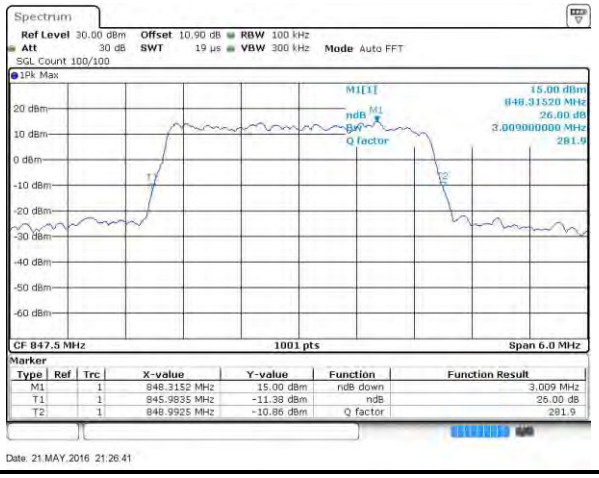
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

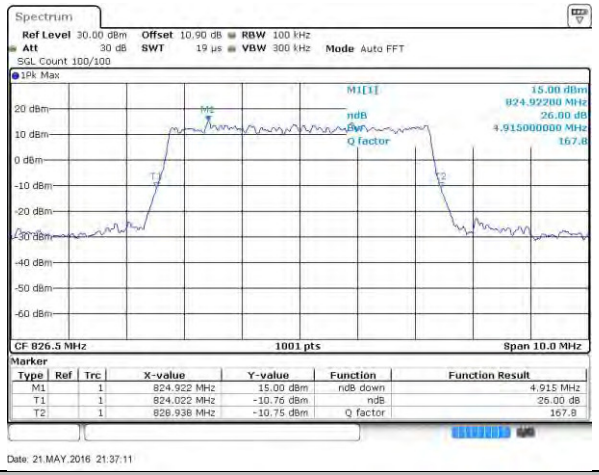


Highest Channel /3MHz / 16QAM

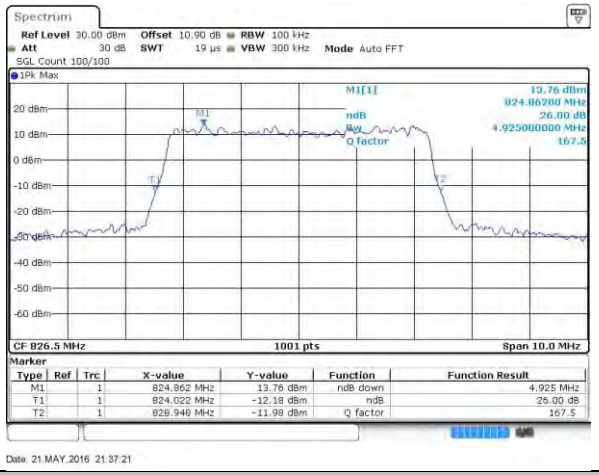


LTE Band 5

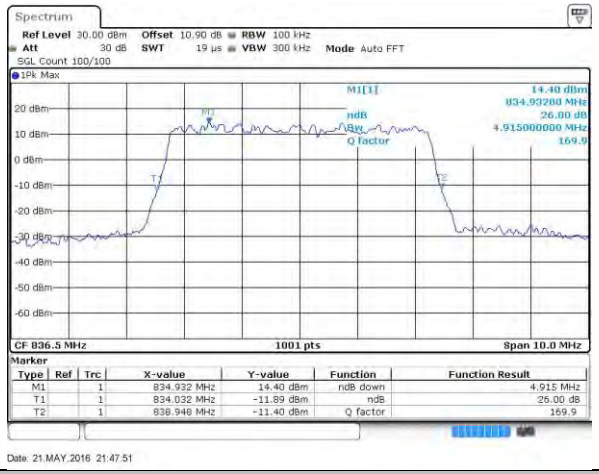
Lowest Channel / 5MHz / QPSK



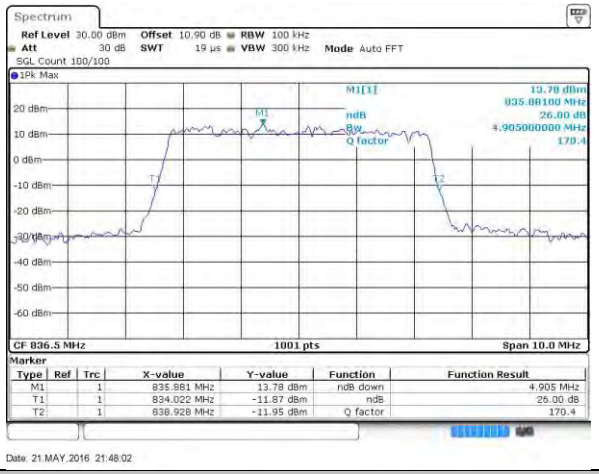
Lowest Channel / 5MHz / 16QAM



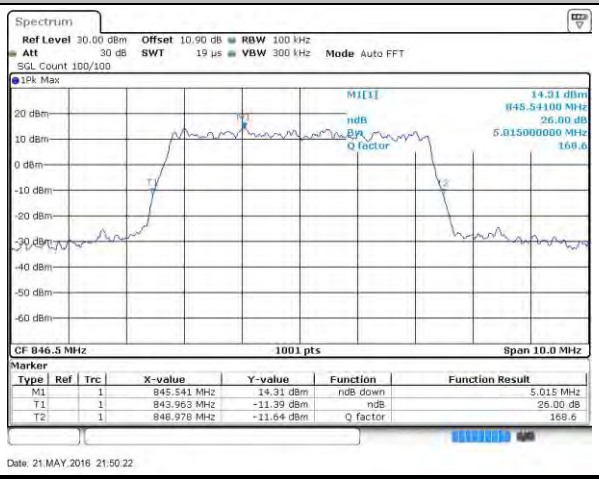
Middle Channel / 5MHz / QPSK



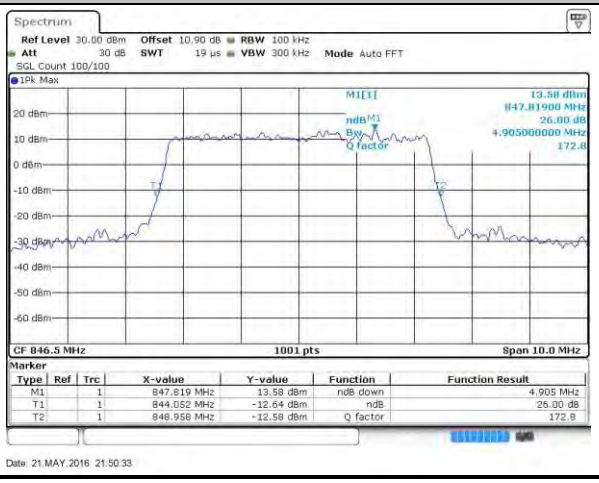
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

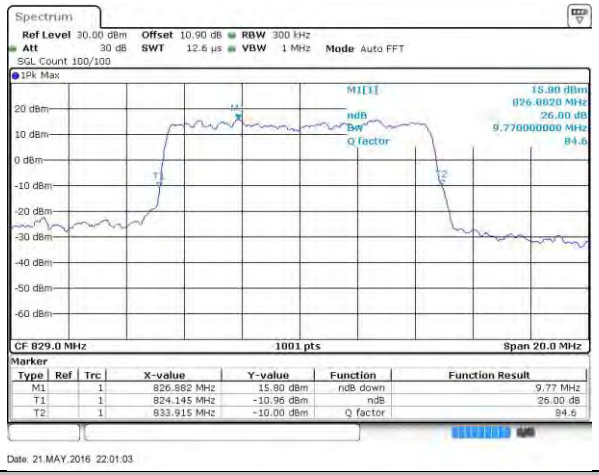


Highest Channel / 5MHz / 16QAM

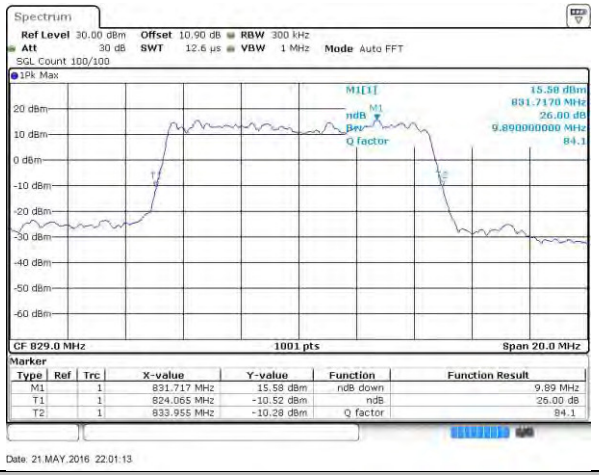


LTE Band 5

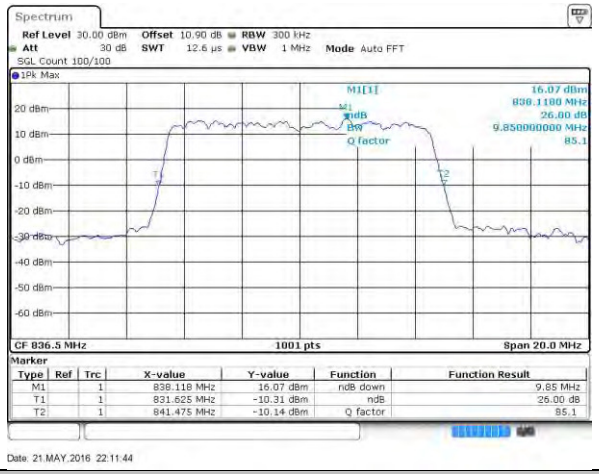
Lowest Channel / 10MHz / QPSK



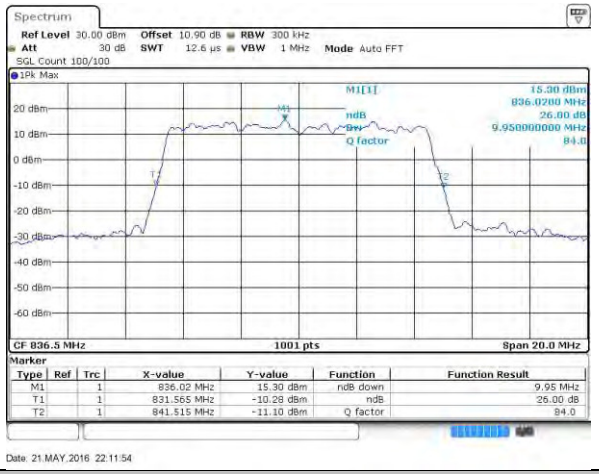
Lowest Channel / 10MHz / 16QAM



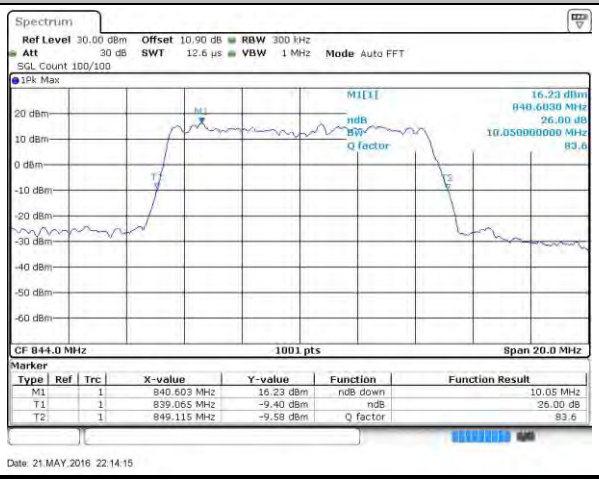
Middle Channel / 10MHz / QPSK



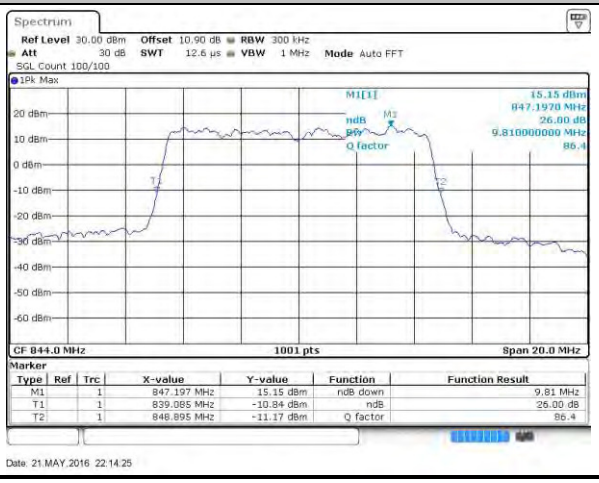
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

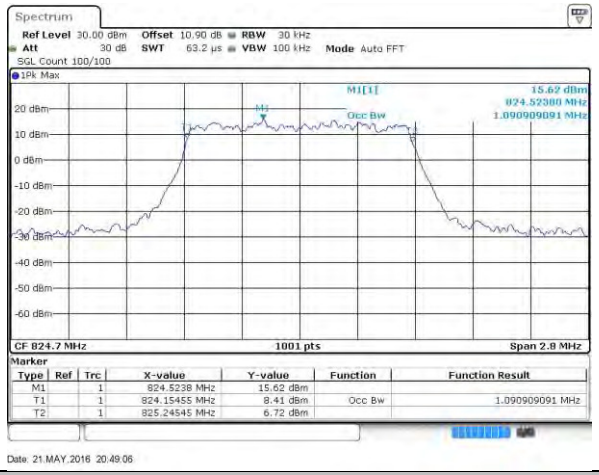


Occupied Bandwidth

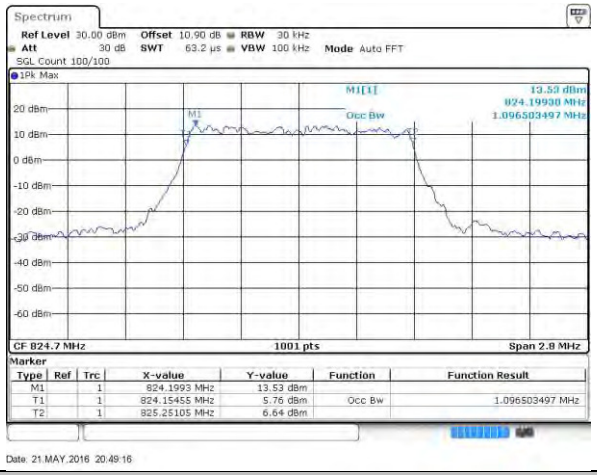
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.1	2.7	2.73	4.48	4.5	9.05	9.09	-	-	-	-
Middle CH	1.1	1.09	2.73	2.72	4.5	4.51	8.99	9.05	-	-	-	-
Highest CH	1.09	1.09	2.72	2.72	4.48	4.5	9.01	8.99	-	-	-	-

LTE Band 5

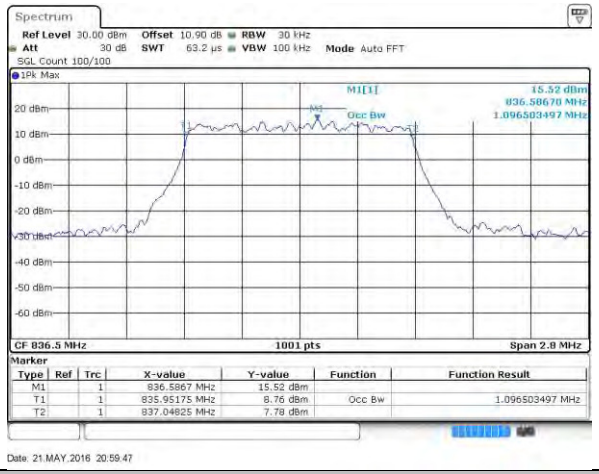
Lowest Channel / 1.4MHz / QPSK



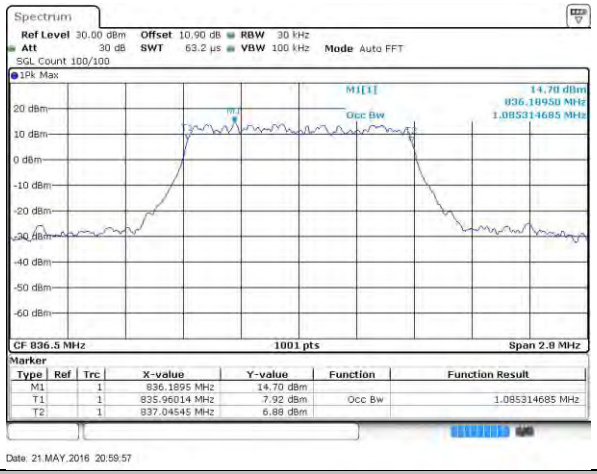
Lowest Channel / 1.4MHz / 16QAM



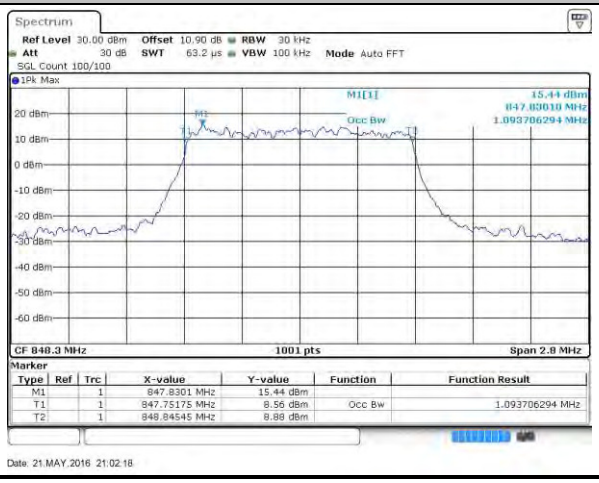
Middle Channel / 1.4MHz / QPSK



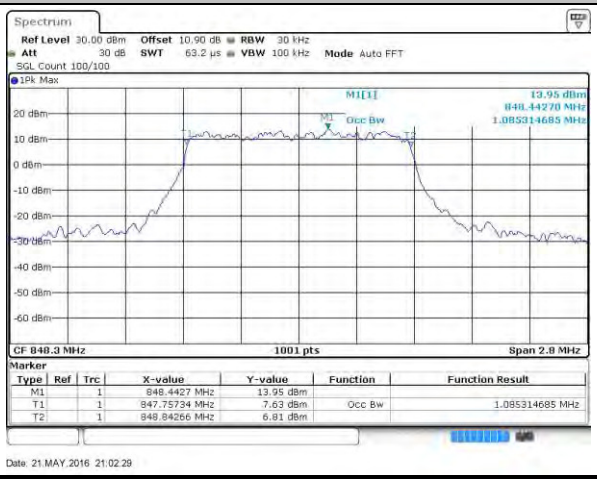
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

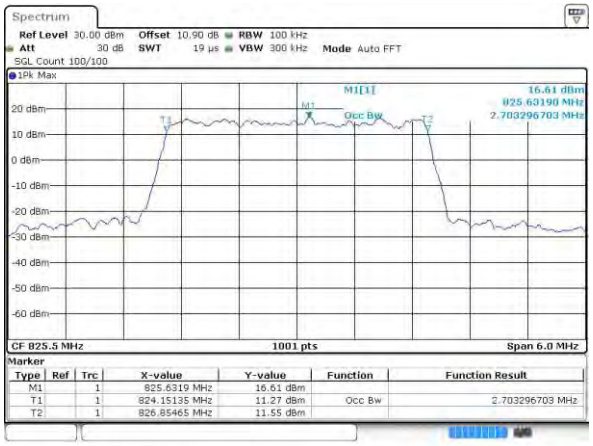


Highest Channel / 1.4MHz / 16QAM

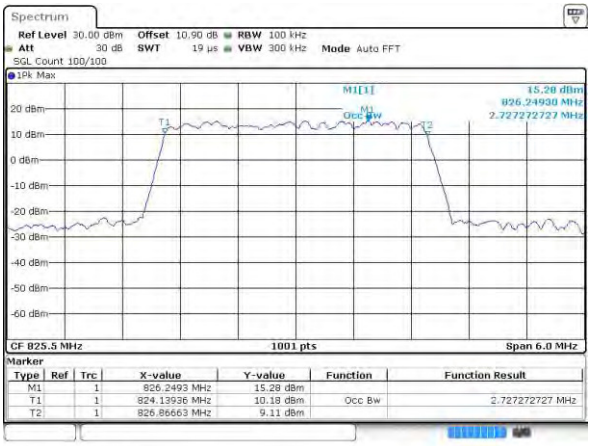


LTE Band 5

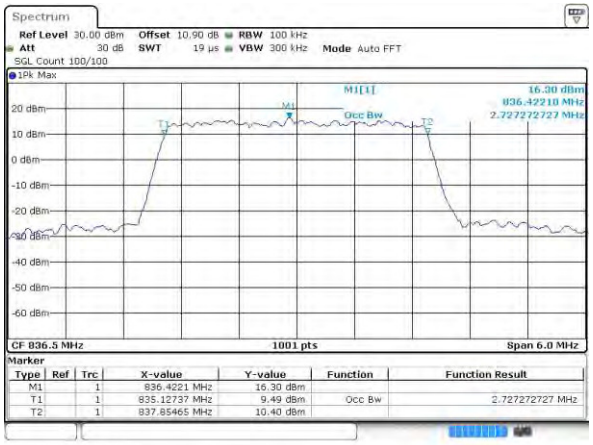
Lowest Channel / 3MHz / QPSK



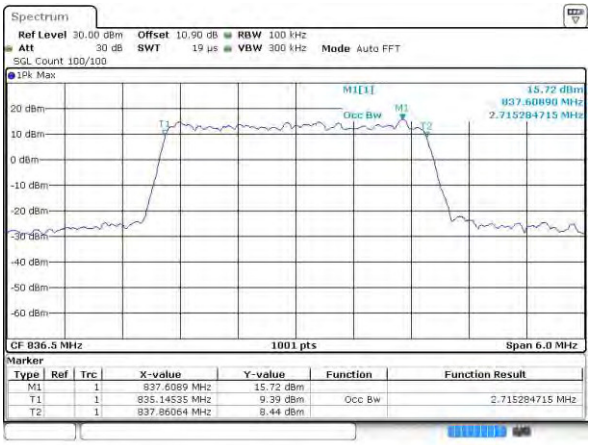
Lowest Channel / 3MHz / 16QAM



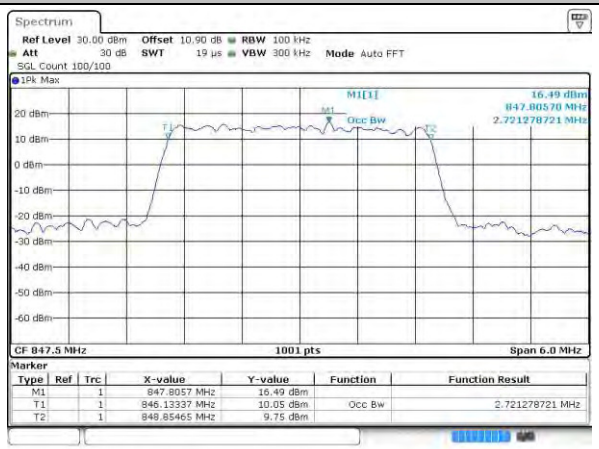
Middle Channel / 3MHz / QPSK



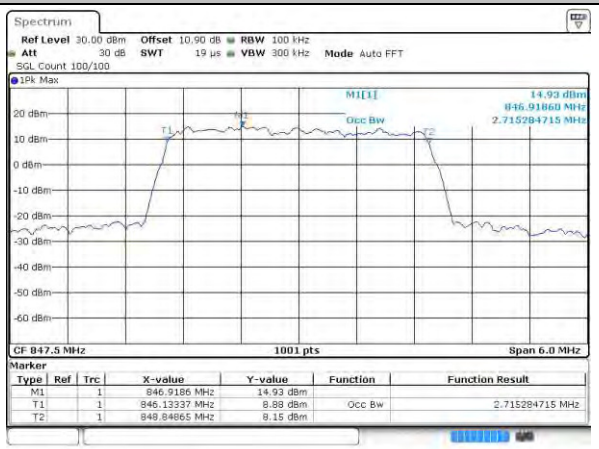
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

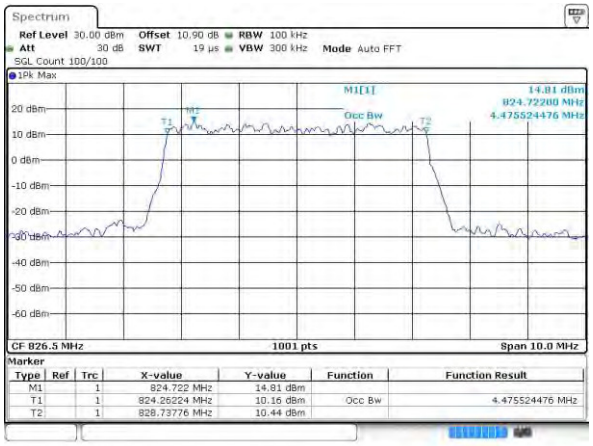


Highest Channel / 3MHz / 16QAM

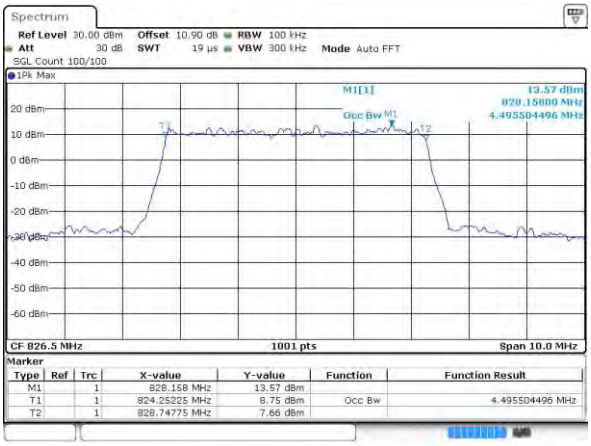


LTE Band 5

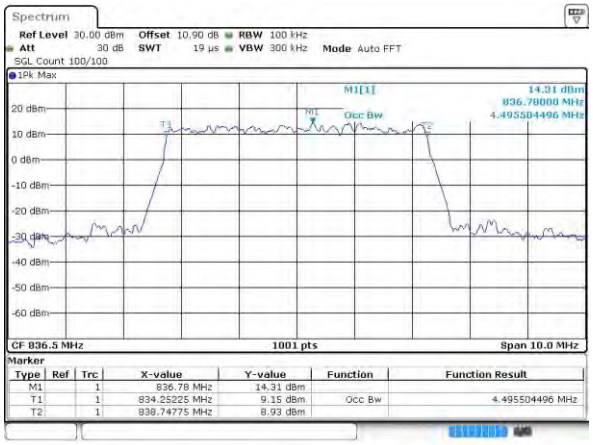
Lowest Channel / 5MHz / QPSK



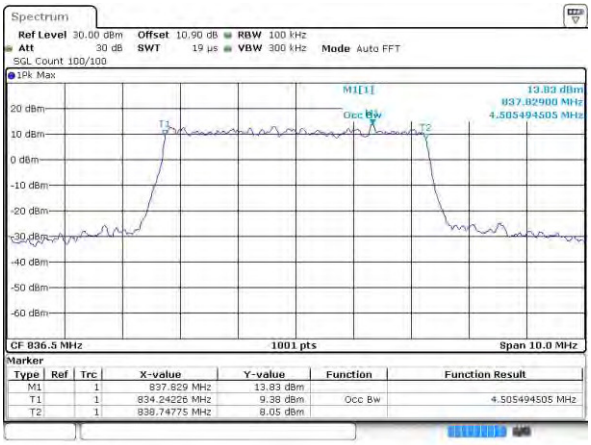
Lowest Channel / 5MHz / 16QAM



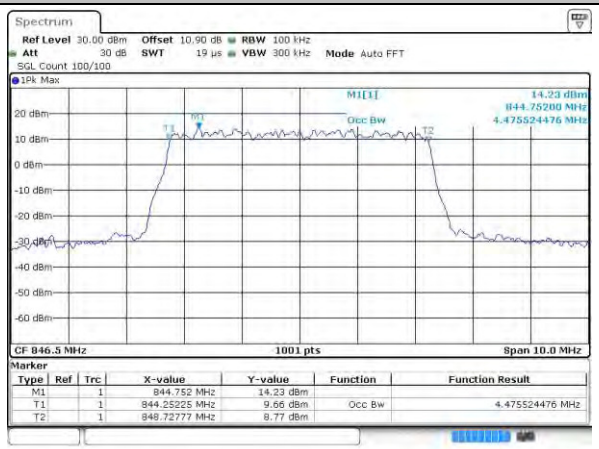
Middle Channel / 5MHz / QPSK



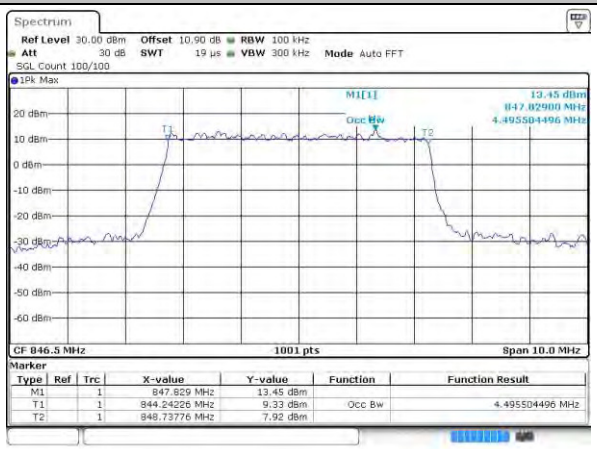
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

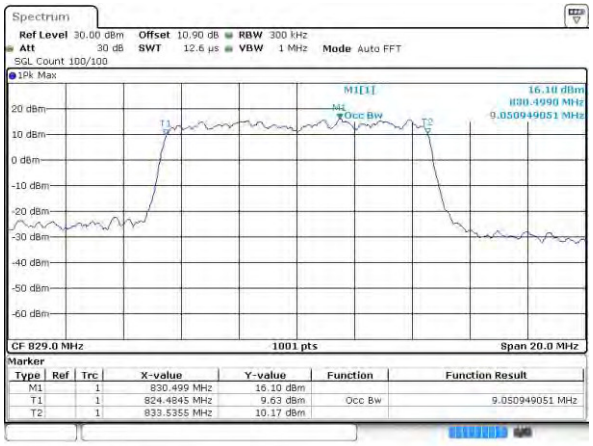


Highest Channel / 5MHz / 16QAM

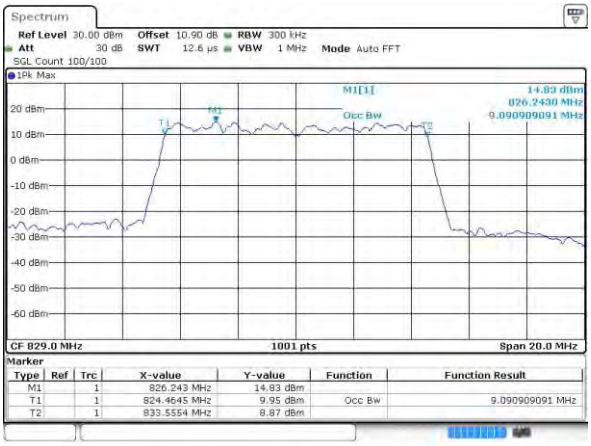


LTE Band 5

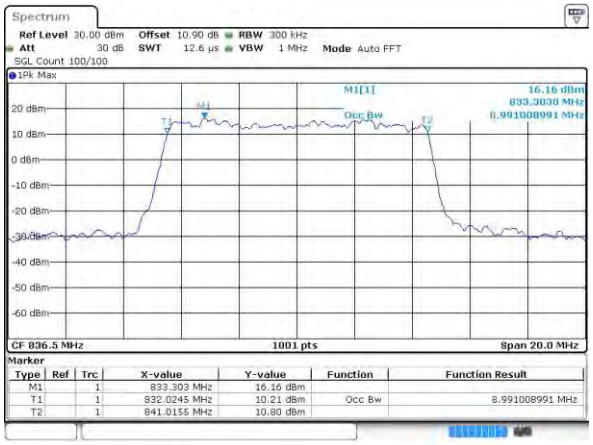
Lowest Channel / 10MHz / QPSK



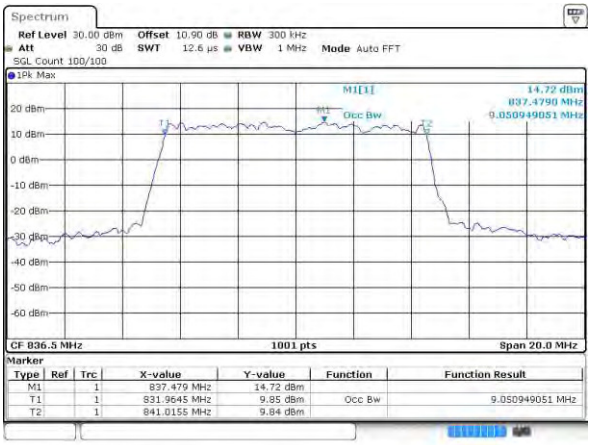
Lowest Channel / 10MHz / 16QAM



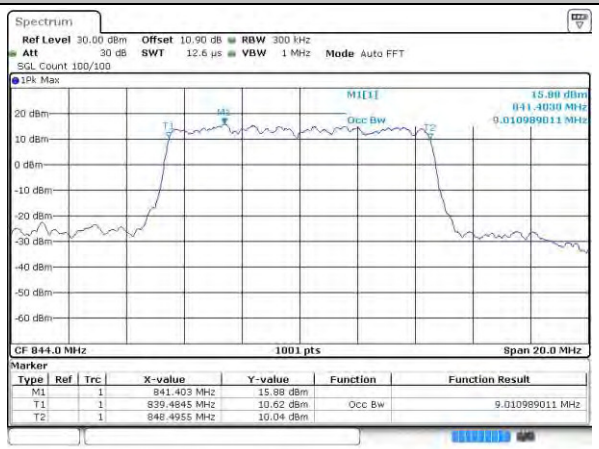
Middle Channel / 10MHz / QPSK



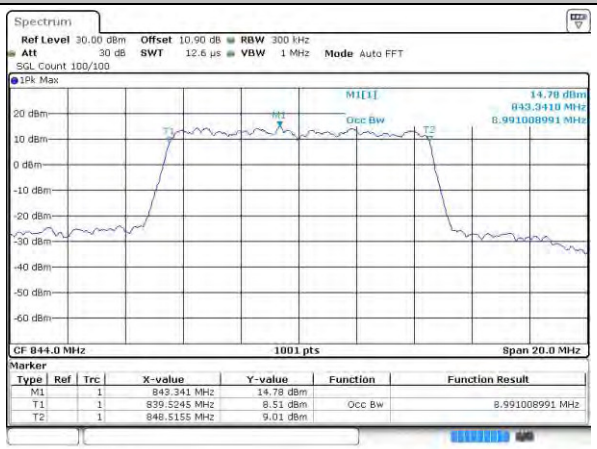
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



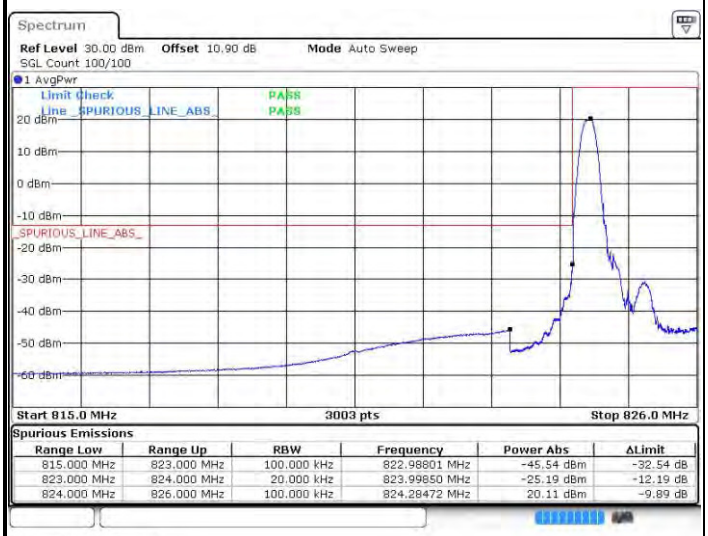
Highest Channel / 10MHz / 16QAM



Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

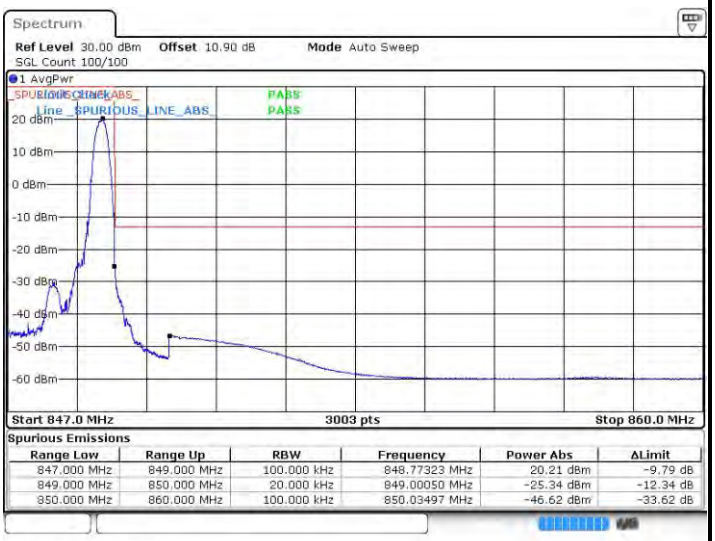


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-45.54 dBm	-32.54 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99850 MHz	-25.19 dBm	-12.19 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.28472 MHz	20.11 dBm	-9.89 dB

Date: 21.MAY.2016 20:51:39

Highest Band Edge / 1RB

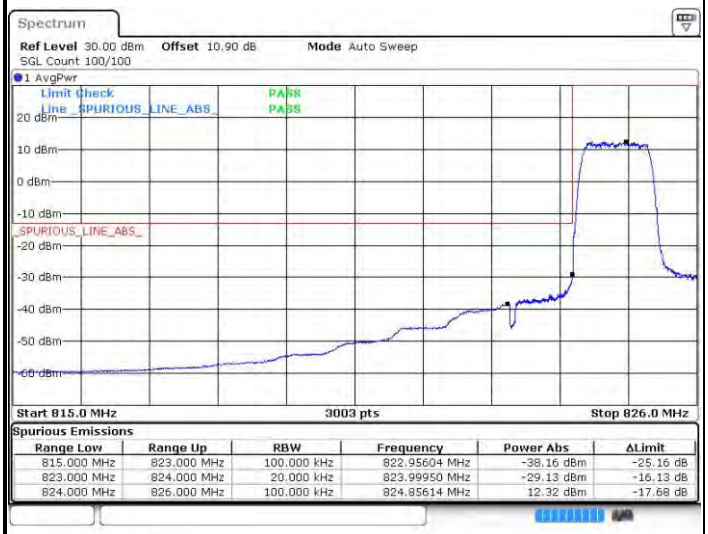


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.77323 MHz	20.21 dBm	-9.79 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-25.34 dBm	-12.34 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.03497 MHz	-46.62 dBm	-33.62 dB

Date: 21.MAY.2016 21:08:56

Lowest Band Edge / Full RB

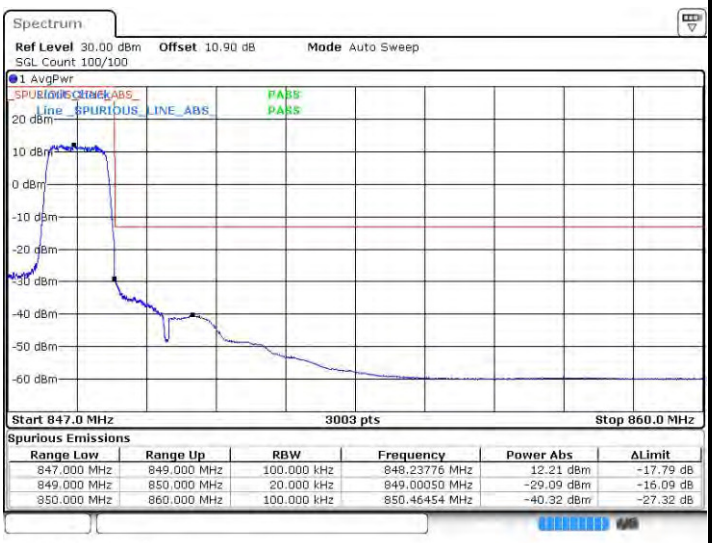


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.95604 MHz	-38.16 dBm	-25.16 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-29.13 dBm	-16.13 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.85614 MHz	12.32 dBm	-17.68 dB

Date: 21.MAY.2016 20:55:44

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	848.23776 MHz	12.21 dBm	-17.79 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-29.09 dBm	-16.09 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.46454 MHz	-40.32 dBm	-27.32 dB

Date: 21.MAY.2016 21:04:52