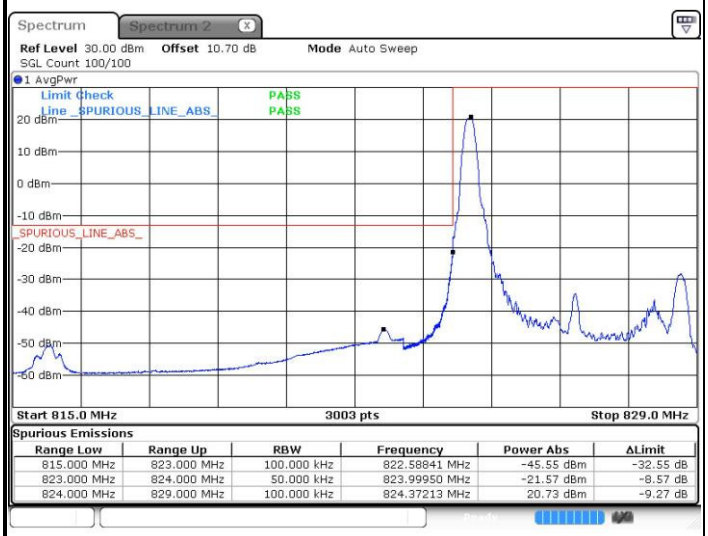
LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB

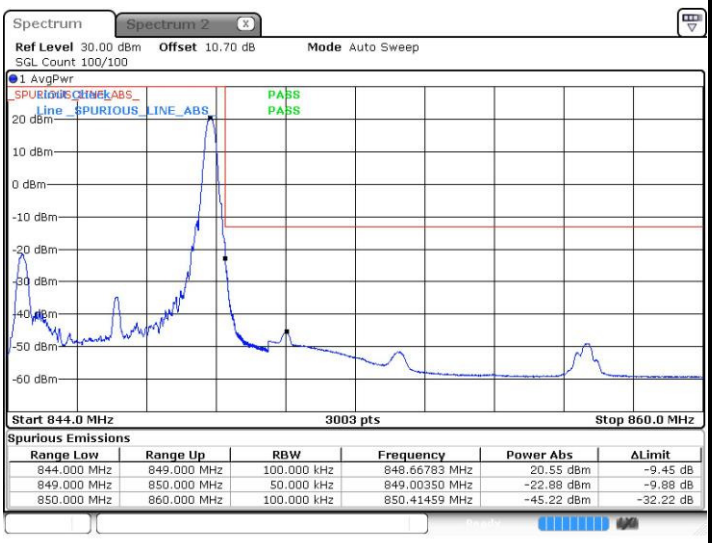


Spurious Emissions

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

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

Highest Band Edge / 1 RB

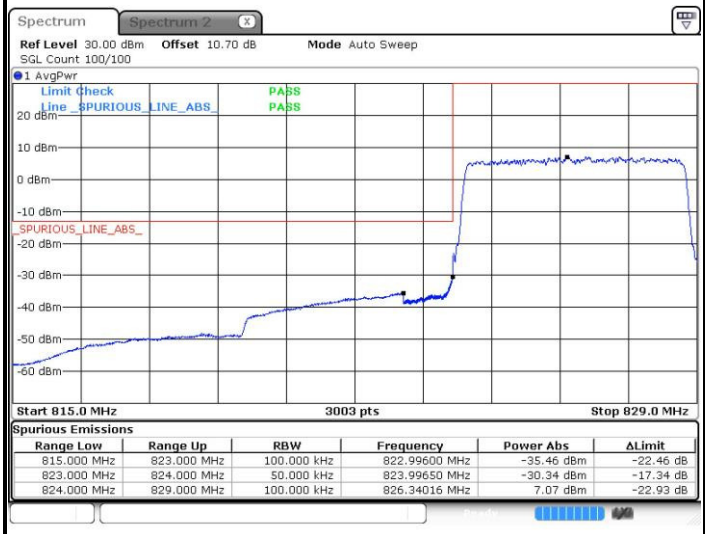


Spurious Emissions

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

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

Lowest Band Edge / Full RB

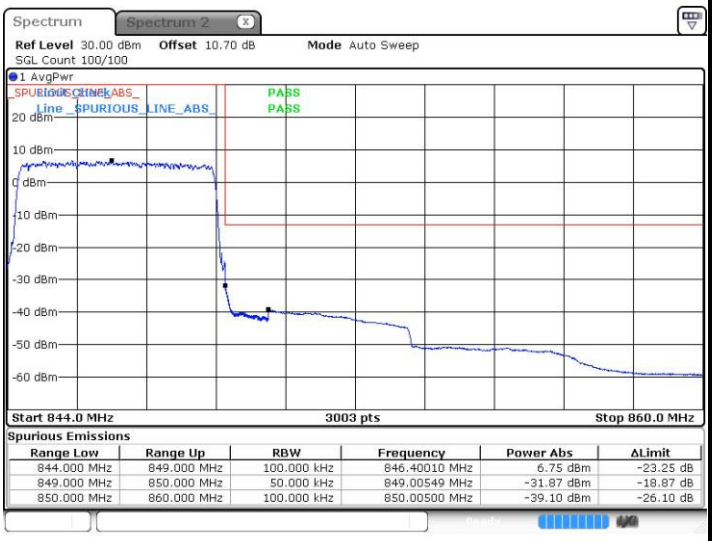


Spurious Emissions

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

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

Highest Band Edge / Full RB



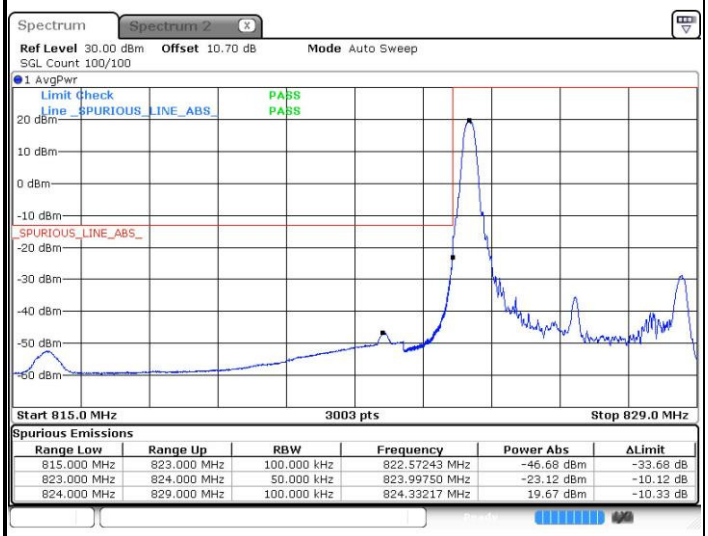
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	846.40010 MHz	6.75 dBm	-23.25 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00549 MHz	-31.87 dBm	-18.87 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-39.10 dBm	-26.10 dB

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

LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB

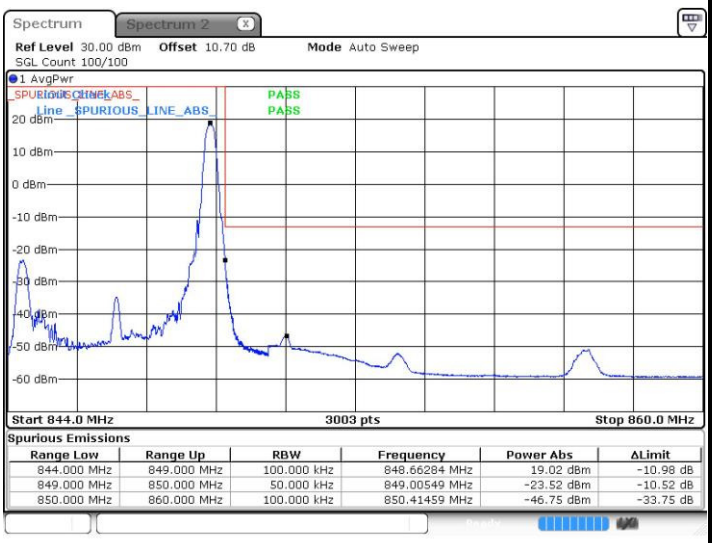


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.57243 MHz	-46.68 dBm	-33.68 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99750 MHz	-23.12 dBm	-10.12 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.33217 MHz	19.67 dBm	-10.33 dB

Date: 24.MAY.2016 12:06:36

Highest Band Edge / 1 RB

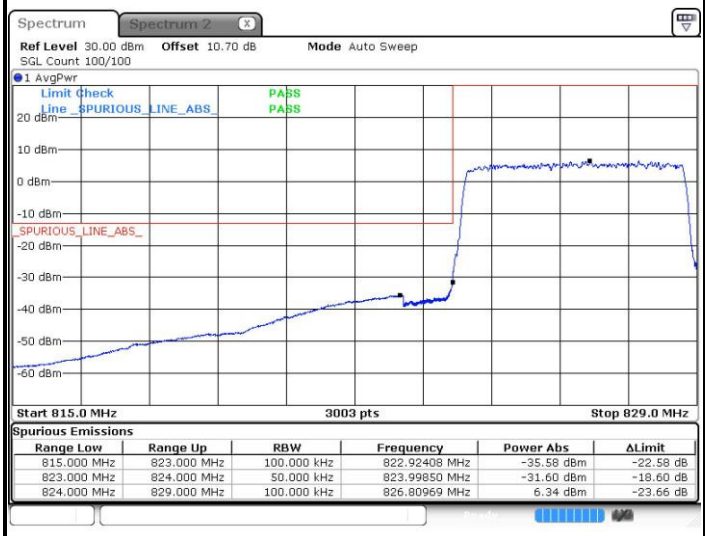


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.66284 MHz	19.02 dBm	-10.98 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00549 MHz	-23.52 dBm	-10.52 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.41459 MHz	-46.75 dBm	-33.75 dB

Date: 24.MAY.2016 12:19:46

Lowest Band Edge / Full RB

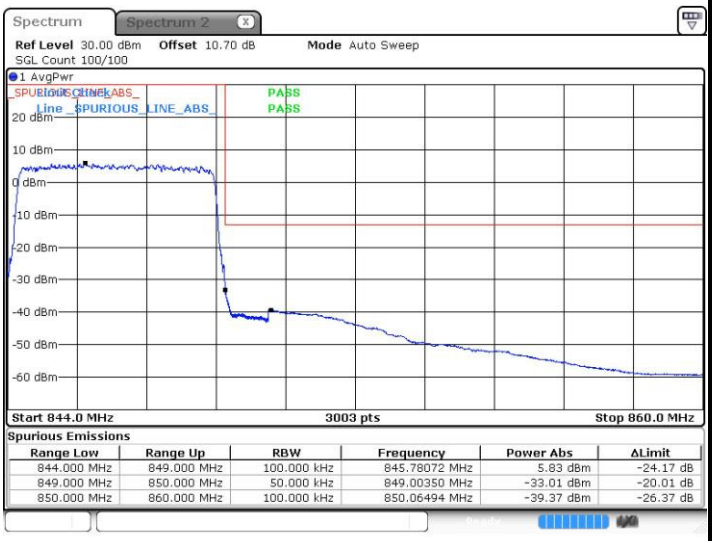


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.92408 MHz	-35.58 dBm	-22.58 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99850 MHz	-31.60 dBm	-18.60 dB
824.000 MHz	829.000 MHz	100.000 kHz	826.80969 MHz	6.34 dBm	-23.66 dB

Date: 24.MAY.2016 12:10:40

Highest Band Edge / Full RB



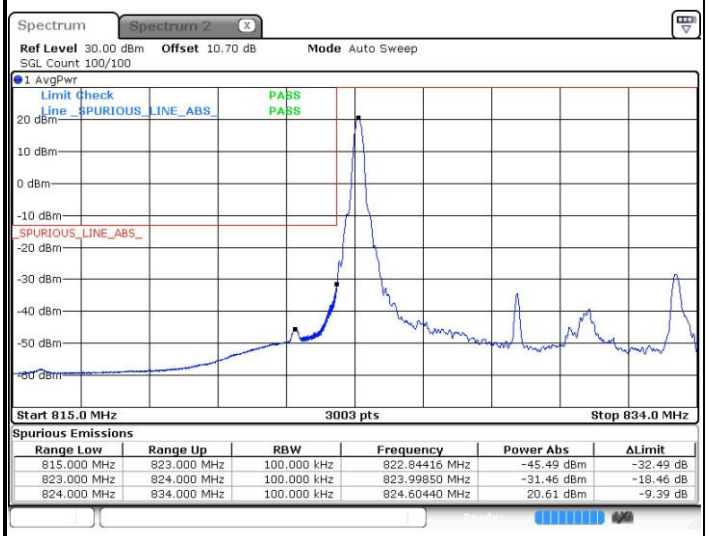
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	845.78072 MHz	5.83 dBm	-24.17 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00350 MHz	-33.01 dBm	-20.01 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.06494 MHz	-39.37 dBm	-26.37 dB

Date: 24.MAY.2016 12:23:51

LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB

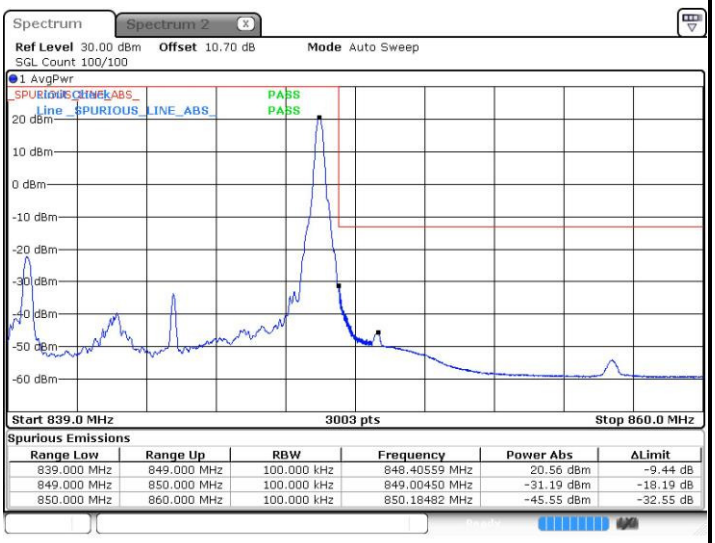


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.84416 MHz	-45.49 dBm	-32.49 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99850 MHz	-31.46 dBm	-18.46 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.60440 MHz	20.61 dBm	-9.39 dB

Date: 24.MAY.2016 12:28:24

Highest Band Edge / 1 RB

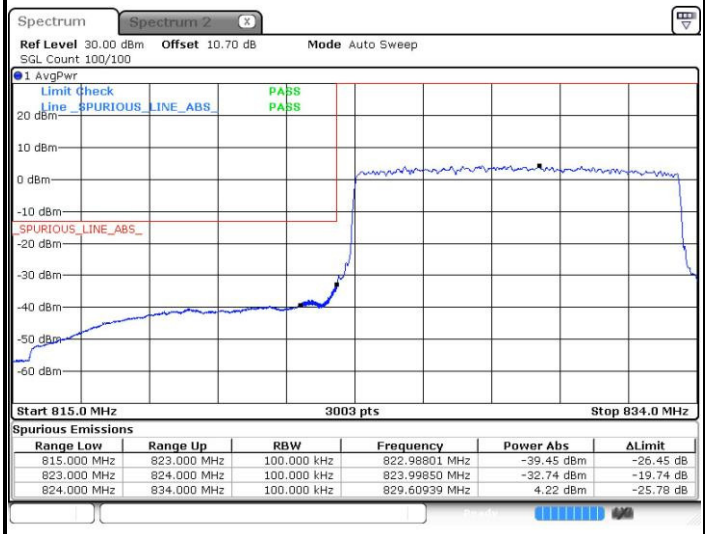


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.40559 MHz	20.56 dBm	-9.44 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00450 MHz	-31.19 dBm	-18.19 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.18482 MHz	-45.55 dBm	-32.55 dB

Date: 24.MAY.2016 12:41:34

Lowest Band Edge / Full RB

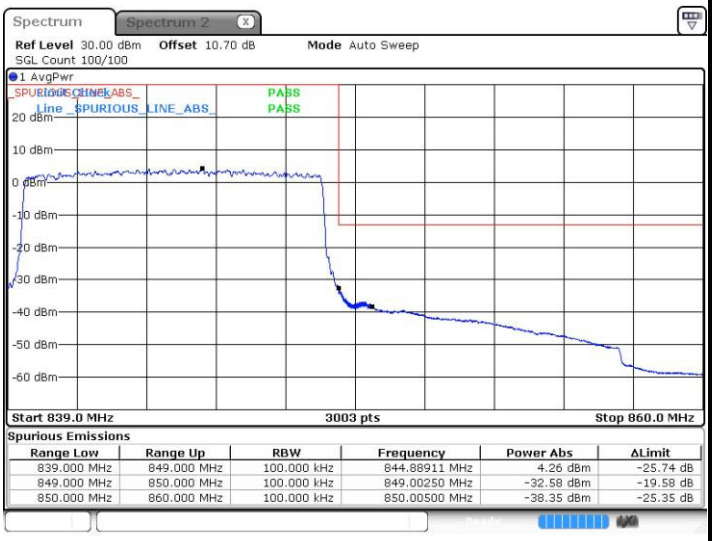


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-39.45 dBm	-26.45 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99850 MHz	-32.74 dBm	-19.74 dB
824.000 MHz	834.000 MHz	100.000 kHz	829.60939 MHz	4.22 dBm	-25.78 dB

Date: 24.MAY.2016 12:32:29

Highest Band Edge / Full RB



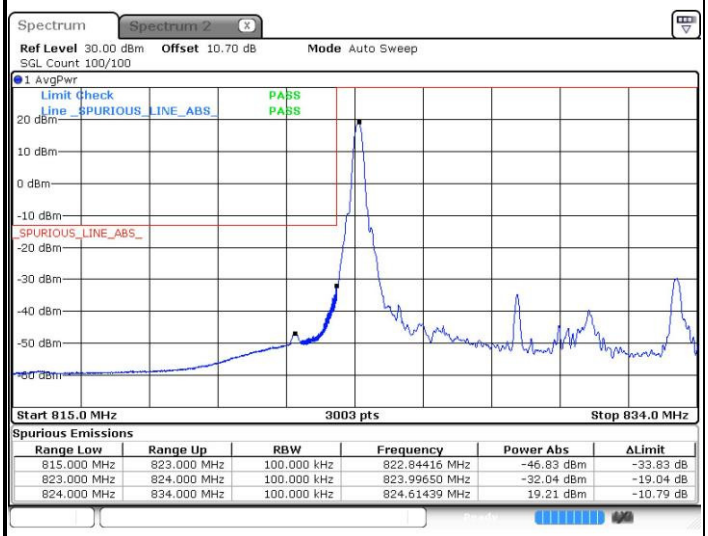
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	844.88911 MHz	4.26 dBm	-25.74 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00250 MHz	-32.58 dBm	-19.58 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-38.35 dBm	-25.35 dB

Date: 24.MAY.2016 12:45:38

LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

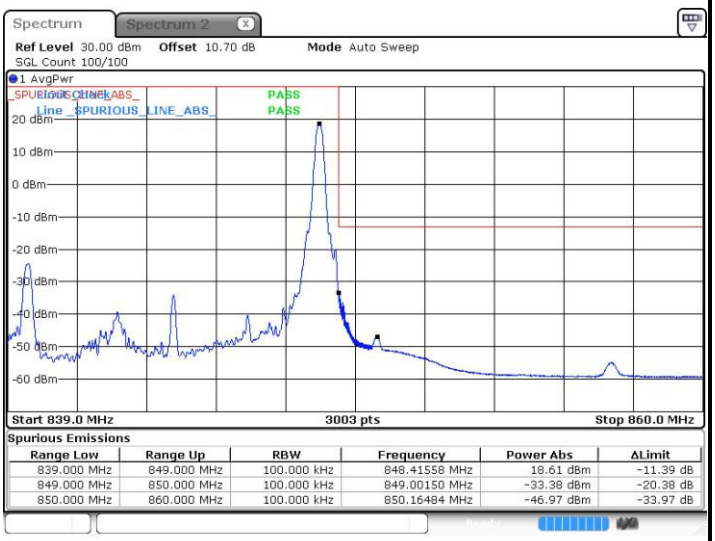


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.84416 MHz	-46.83 dBm	-33.83 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99650 MHz	-32.04 dBm	-19.04 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.61439 MHz	19.21 dBm	-10.79 dB

Date: 24.MAY.2016 12:30:26

Highest Band Edge / 1 RB

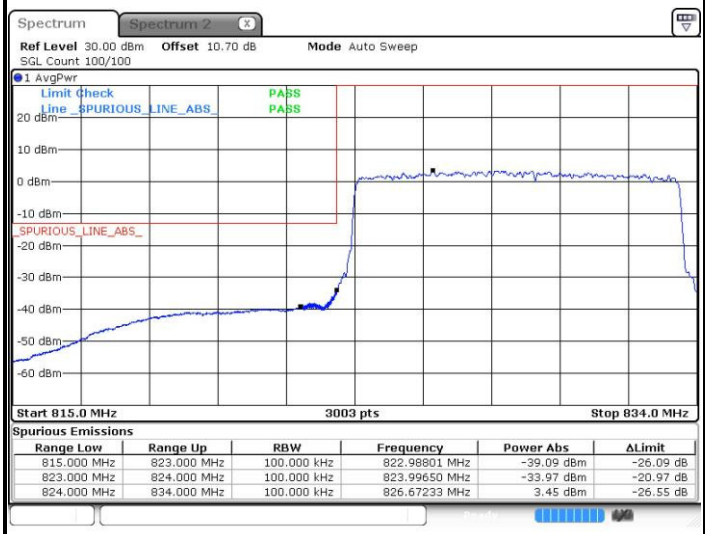


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.41558 MHz	18.61 dBm	-11.39 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00150 MHz	-33.38 dBm	-20.38 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.16484 MHz	-46.97 dBm	-33.97 dB

Date: 24.MAY.2016 12:43:36

Lowest Band Edge / Full RB

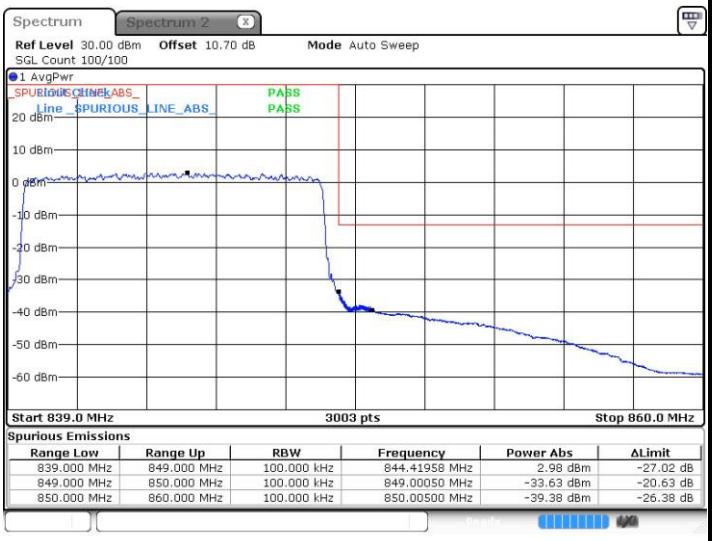


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-39.09 dBm	-26.09 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99650 MHz	-33.97 dBm	-20.97 dB
824.000 MHz	834.000 MHz	100.000 kHz	826.67233 MHz	3.45 dBm	-26.55 dB

Date: 24.MAY.2016 12:34:31

Highest Band Edge / Full RB



Spurious Emissions

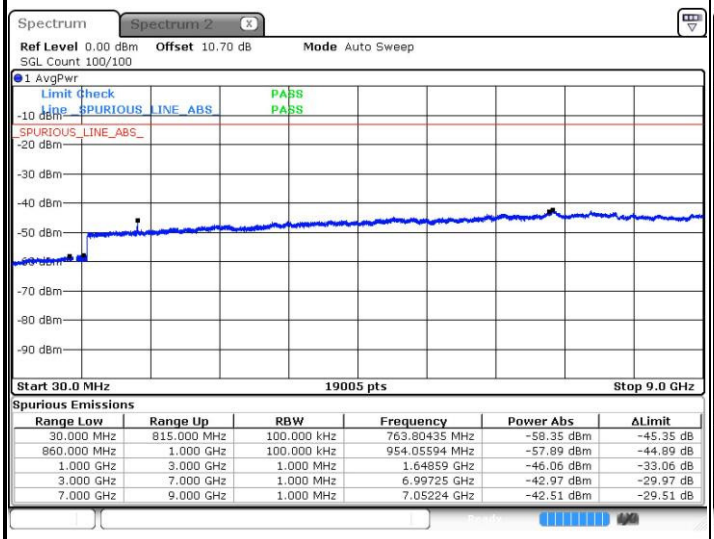
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	844.41958 MHz	2.98 dBm	-27.02 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00050 MHz	-33.63 dBm	-20.63 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-39.38 dBm	-26.38 dB

Date: 24.MAY.2016 12:47:40

Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

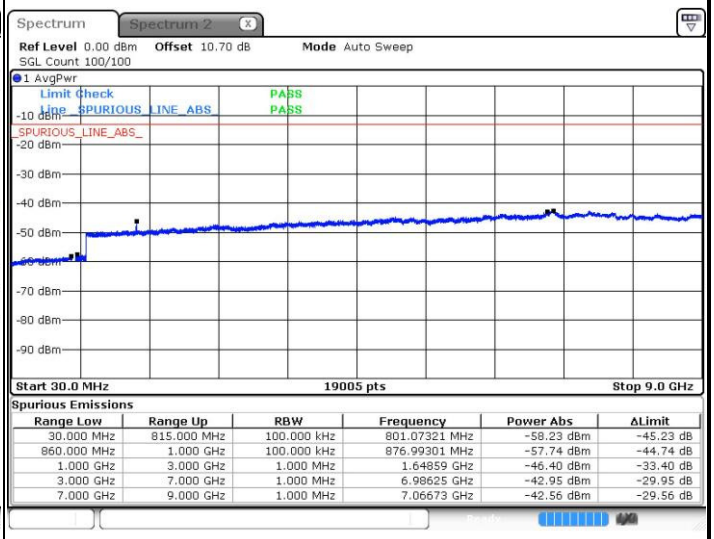


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	763.80435 MHz	-58.35 dBm	-45.35 dB
860.000 MHz	1.000 GHz	100.000 kHz	954.05594 MHz	-57.89 dBm	-44.89 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-46.06 dBm	-33.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-42.97 dBm	-29.97 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05224 GHz	-42.51 dBm	-29.51 dB

Date: 24.MAY.2016 13:11:04

Lowest Channel / 16QAM

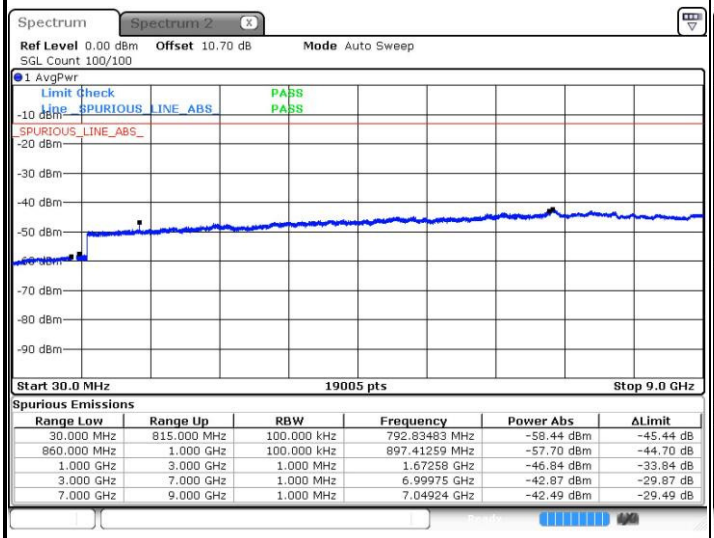


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	801.07321 MHz	-58.23 dBm	-45.23 dB
860.000 MHz	1.000 GHz	100.000 kHz	876.99301 MHz	-57.74 dBm	-44.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-46.40 dBm	-33.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98625 GHz	-42.95 dBm	-29.95 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06673 GHz	-42.56 dBm	-29.56 dB

Date: 24.MAY.2016 13:11:58

Middle Channel / QPSK

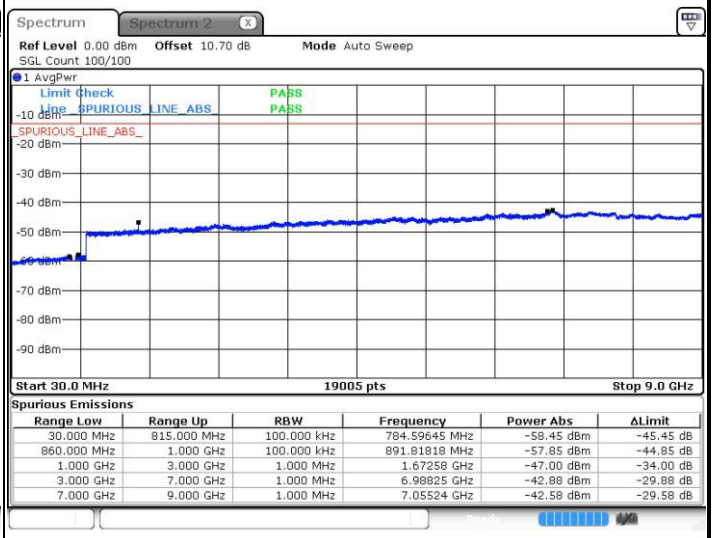


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	792.83483 MHz	-58.44 dBm	-45.44 dB
860.000 MHz	1.000 GHz	100.000 kHz	897.41259 MHz	-57.70 dBm	-44.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-46.84 dBm	-33.84 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-42.87 dBm	-29.87 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04924 GHz	-42.49 dBm	-29.49 dB

Date: 24.MAY.2016 13:13:35

Middle Channel / 16QAM



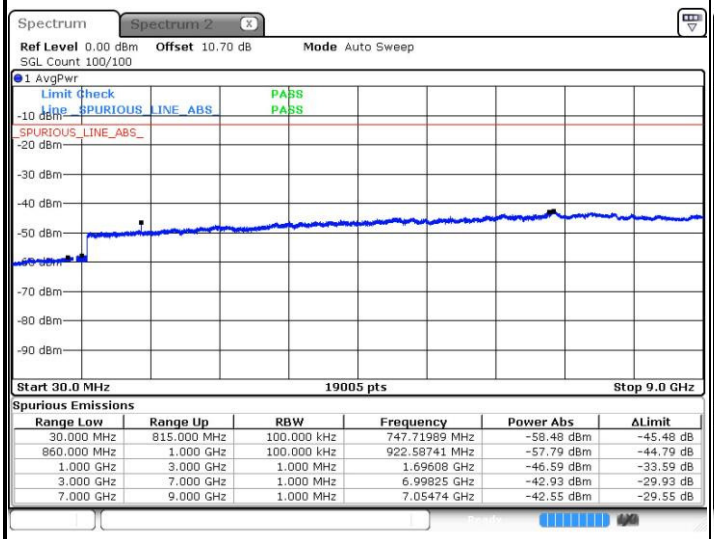
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	784.59645 MHz	-58.45 dBm	-45.45 dB
860.000 MHz	1.000 GHz	100.000 kHz	891.81818 MHz	-57.85 dBm	-44.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-47.00 dBm	-34.00 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-42.88 dBm	-29.88 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05524 GHz	-42.58 dBm	-29.58 dB

Date: 24.MAY.2016 13:14:29

LTE Band 5 / 1.4MHz

Highest Channel / QPSK

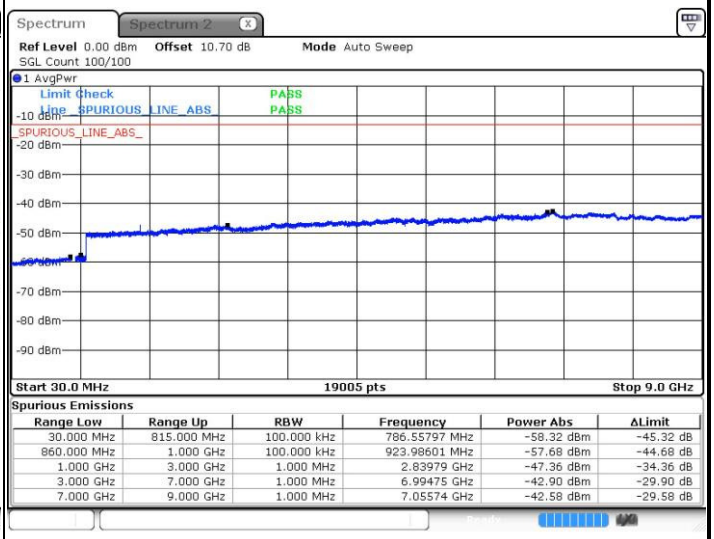


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	747.71989 MHz	-58.48 dBm	-45.48 dB
860.000 MHz	1.000 GHz	100.000 kHz	922.58741 MHz	-57.79 dBm	-44.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-46.59 dBm	-33.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-42.93 dBm	-29.93 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05474 GHz	-42.55 dBm	-29.55 dB

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

Highest Channel / 16QAM



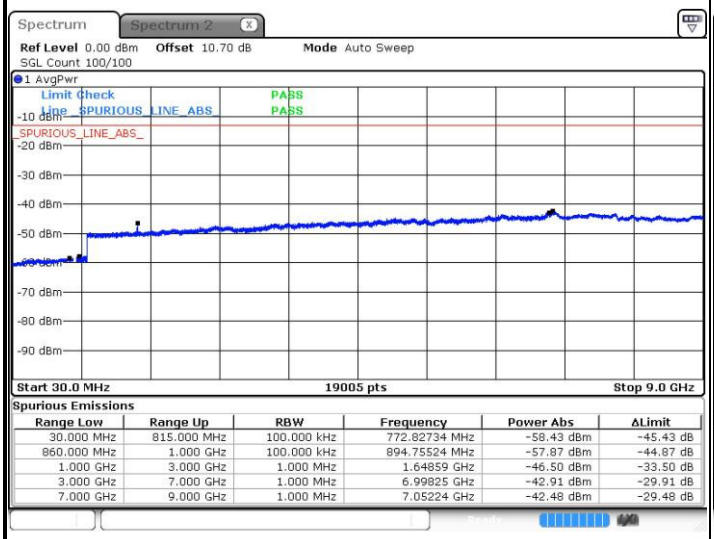
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	786.55797 MHz	-58.32 dBm	-45.32 dB
860.000 MHz	1.000 GHz	100.000 kHz	923.98601 MHz	-57.68 dBm	-44.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.83979 GHz	-47.36 dBm	-34.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-42.90 dBm	-29.90 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05574 GHz	-42.58 dBm	-29.58 dB

Date: 24.MAY.2016 13:25:09

LTE Band 5 / 3MHz

Lowest Channel / QPSK

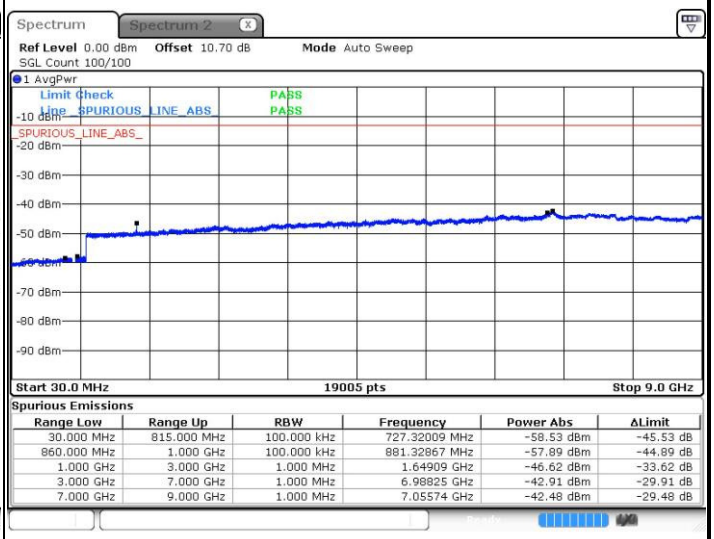


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	772.82734 MHz	-58.43 dBm	-45.43 dB
860.000 MHz	1.000 GHz	100.000 kHz	894.75524 MHz	-57.87 dBm	-44.87 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-46.50 dBm	-33.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-42.91 dBm	-29.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05224 GHz	-42.48 dBm	-29.48 dB

Date: 24.MAY.2016 11:47:44

Lowest Channel / 16QAM



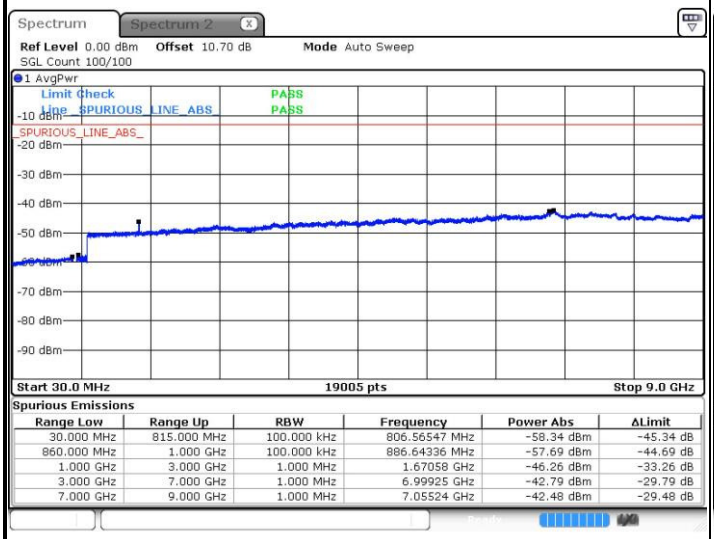
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	727.32009 MHz	-58.53 dBm	-45.53 dB
860.000 MHz	1.000 GHz	100.000 kHz	881.32867 MHz	-57.89 dBm	-44.89 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-46.62 dBm	-33.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-42.91 dBm	-29.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05574 GHz	-42.48 dBm	-29.48 dB

Date: 24.MAY.2016 11:48:38

LTE Band 5 / 3MHz

Middle Channel / QPSK

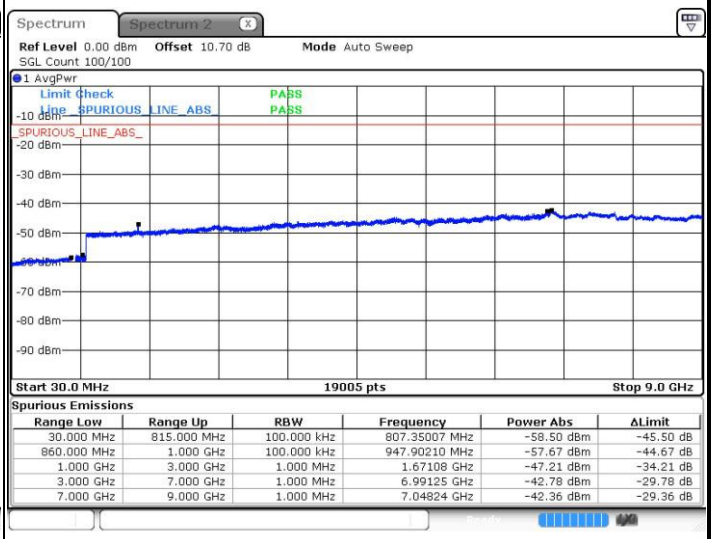


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	806.56547 MHz	-58.34 dBm	-45.34 dB
860.000 MHz	1.000 GHz	100.000 kHz	886.64336 MHz	-57.69 dBm	-44.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-46.26 dBm	-33.26 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-42.79 dBm	-29.79 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05524 GHz	-42.48 dBm	-29.48 dB

Date: 24.MAY.2016 11:50:15

Middle Channel / 16QAM

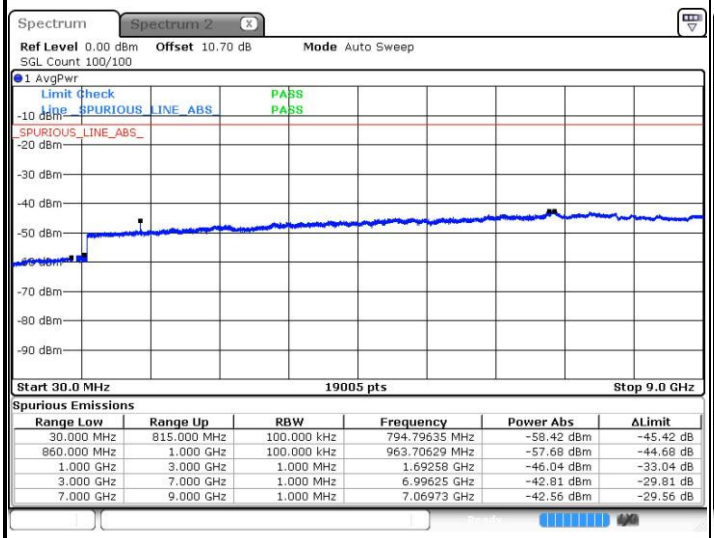


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	807.35007 MHz	-58.50 dBm	-45.50 dB
860.000 MHz	1.000 GHz	100.000 kHz	947.90210 MHz	-57.67 dBm	-44.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67108 GHz	-47.21 dBm	-34.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-42.78 dBm	-29.78 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04824 GHz	-42.36 dBm	-29.36 dB

Date: 24.MAY.2016 11:51:09

Highest Channel / QPSK

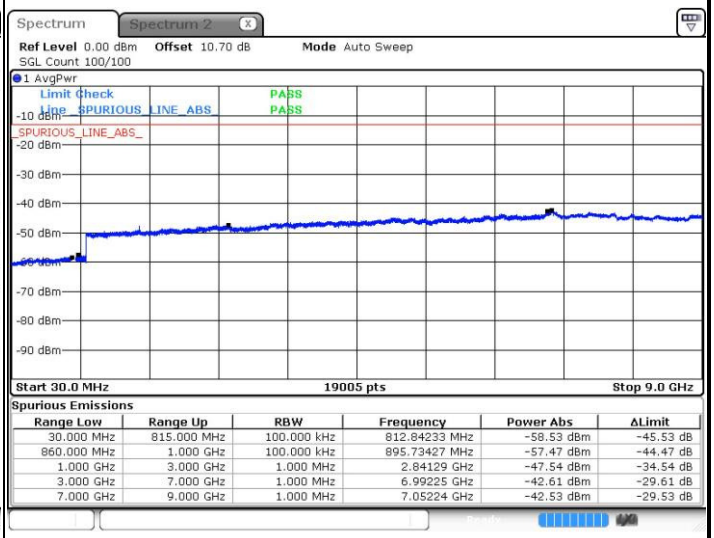


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	794.79635 MHz	-58.42 dBm	-45.42 dB
860.000 MHz	1.000 GHz	100.000 kHz	963.70629 MHz	-57.68 dBm	-44.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69258 GHz	-46.04 dBm	-33.04 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-42.81 dBm	-29.81 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06973 GHz	-42.56 dBm	-29.56 dB

Date: 24.MAY.2016 12:00:55

Highest Channel / 16QAM



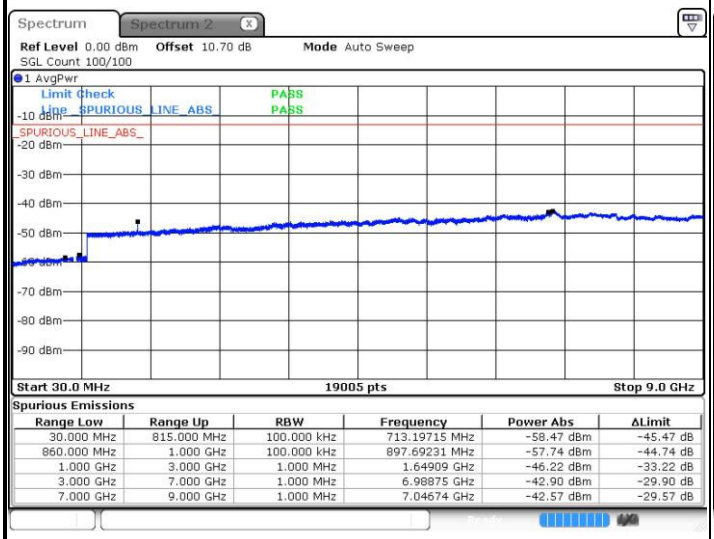
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.84233 MHz	-58.53 dBm	-45.53 dB
860.000 MHz	1.000 GHz	100.000 kHz	895.73427 MHz	-57.47 dBm	-44.47 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84129 GHz	-47.54 dBm	-34.54 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-42.61 dBm	-29.61 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05224 GHz	-42.53 dBm	-29.53 dB

Date: 24.MAY.2016 12:01:49

LTE Band 5 / 5MHz

Lowest Channel / QPSK

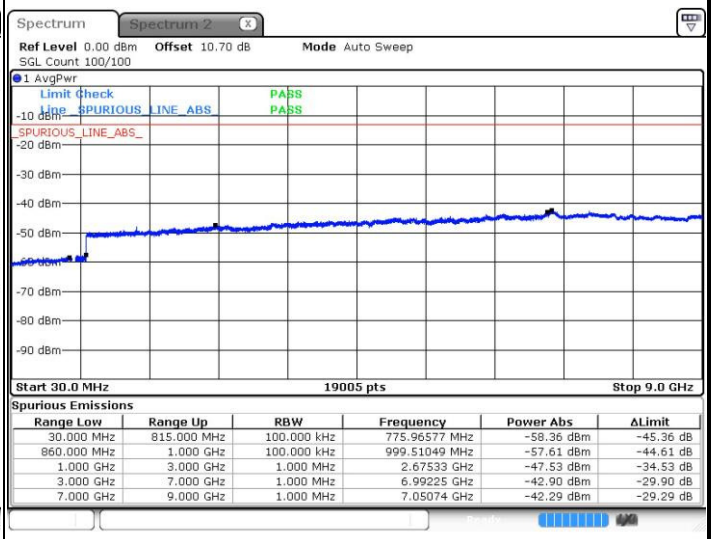


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	713.19715 MHz	-58.47 dBm	-45.47 dB
860.000 MHz	1.000 GHz	100.000 kHz	897.69231 MHz	-57.74 dBm	-44.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-46.22 dBm	-33.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98875 GHz	-42.90 dBm	-29.90 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04674 GHz	-42.57 dBm	-29.57 dB

Date: 24.MAY.2016 12:11:35

Lowest Channel / 16QAM

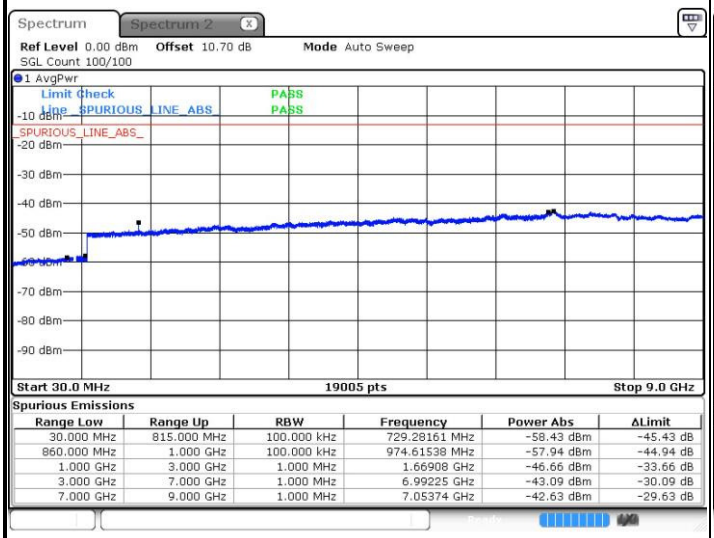


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	775.96577 MHz	-58.36 dBm	-45.36 dB
860.000 MHz	1.000 GHz	100.000 kHz	999.51049 MHz	-57.61 dBm	-44.61 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.67533 GHz	-47.53 dBm	-34.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-42.90 dBm	-29.90 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05074 GHz	-42.29 dBm	-29.29 dB

Date: 24.MAY.2016 12:12:29

Middle Channel / QPSK

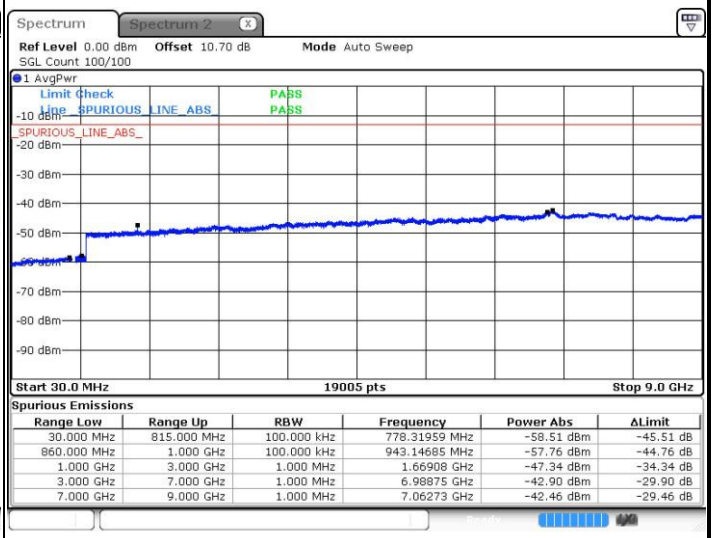


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	729.28161 MHz	-58.43 dBm	-45.43 dB
860.000 MHz	1.000 GHz	100.000 kHz	974.61538 MHz	-57.94 dBm	-44.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-46.66 dBm	-33.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-43.09 dBm	-30.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05374 GHz	-42.63 dBm	-29.63 dB

Date: 24.MAY.2016 12:14:06

Middle Channel / 16QAM



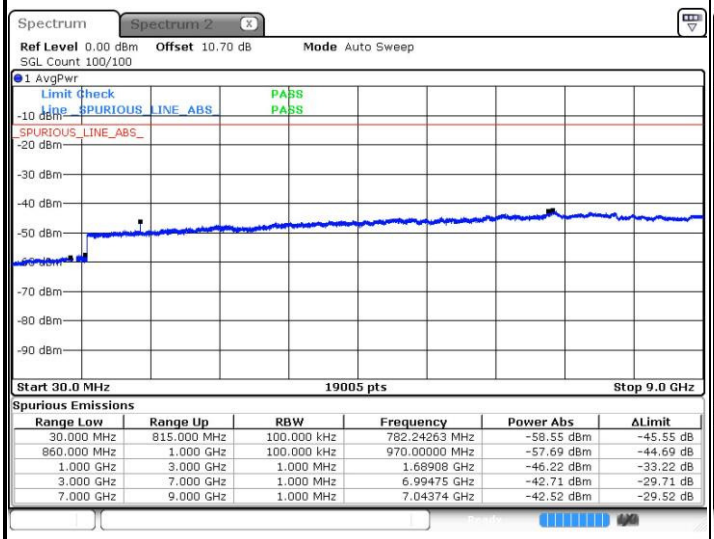
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	778.31959 MHz	-58.51 dBm	-45.51 dB
860.000 MHz	1.000 GHz	100.000 kHz	943.14685 MHz	-57.76 dBm	-44.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-47.34 dBm	-34.34 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98875 GHz	-42.90 dBm	-29.90 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06273 GHz	-42.46 dBm	-29.46 dB

Date: 24.MAY.2016 12:15:00

LTE Band 5 / 5MHz

Highest Channel / QPSK

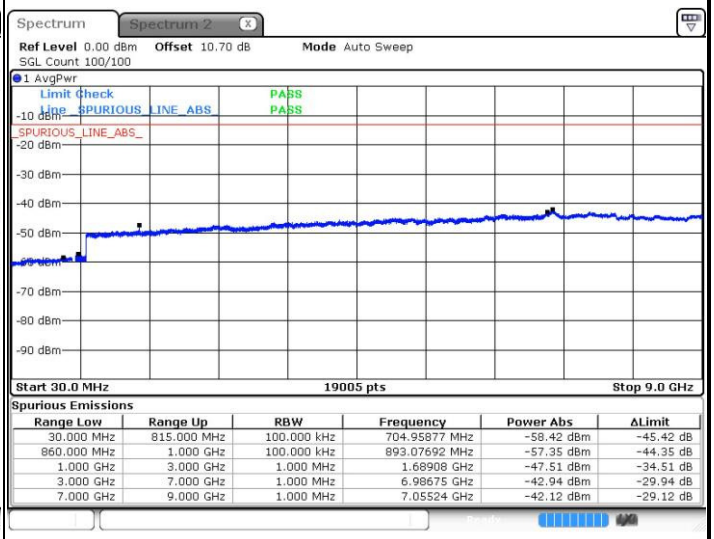


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	782.24263 MHz	-58.55 dBm	-45.55 dB
860.000 MHz	1.000 GHz	100.000 kHz	970.00000 MHz	-57.69 dBm	-44.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-46.22 dBm	-33.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-42.71 dBm	-29.71 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04374 GHz	-42.52 dBm	-29.52 dB

Date: 24.MAY.2016 12:24:46

Highest Channel / 16QAM



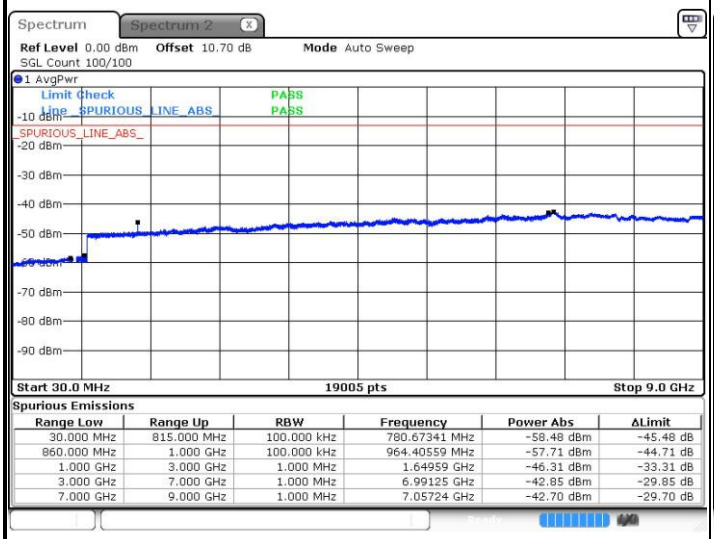
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	704.95877 MHz	-58.42 dBm	-45.42 dB
860.000 MHz	1.000 GHz	100.000 kHz	893.07692 MHz	-57.35 dBm	-44.35 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-47.51 dBm	-34.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98675 GHz	-42.94 dBm	-29.94 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05524 GHz	-42.12 dBm	-29.12 dB

Date: 24.MAY.2016 12:25:40

LTE Band 5 / 10MHz

Lowest Channel / QPSK

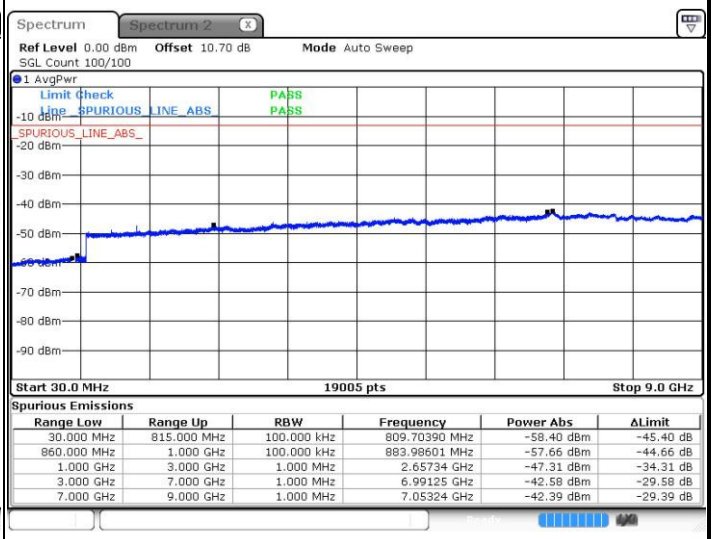


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	780.67341 MHz	-58.48 dBm	-45.48 dB
860.000 MHz	1.000 GHz	100.000 kHz	964.40559 MHz	-57.71 dBm	-44.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-46.31 dBm	-33.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-42.85 dBm	-29.85 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05724 GHz	-42.70 dBm	-29.70 dB

Date: 24.MAY.2016 12:35:26

Lowest Channel / 16QAM



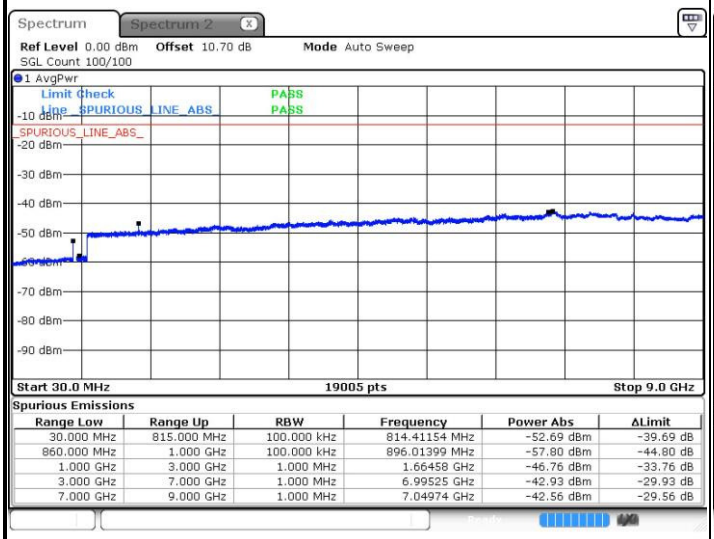
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	809.70390 MHz	-58.40 dBm	-45.40 dB
860.000 MHz	1.000 GHz	100.000 kHz	883.98601 MHz	-57.66 dBm	-44.66 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.65734 GHz	-47.31 dBm	-34.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-42.58 dBm	-29.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05324 GHz	-42.39 dBm	-29.39 dB

Date: 24.MAY.2016 12:36:20

LTE Band 5 / 10MHz

Middle Channel / QPSK

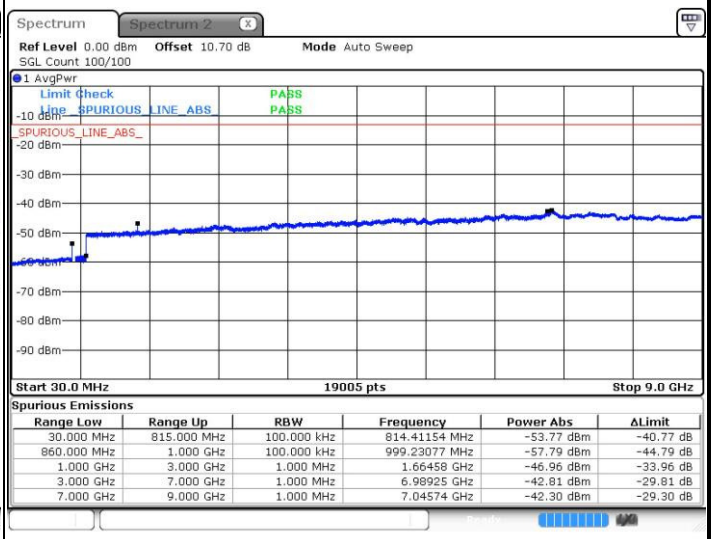


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-52.69 dBm	-39.69 dB
860.000 MHz	1.000 GHz	100.000 kHz	896.01399 MHz	-57.80 dBm	-44.80 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-46.76 dBm	-33.76 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-42.93 dBm	-29.93 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04974 GHz	-42.56 dBm	-29.56 dB

Date: 24.MAY.2016 12:37:56

Middle Channel / 16QAM

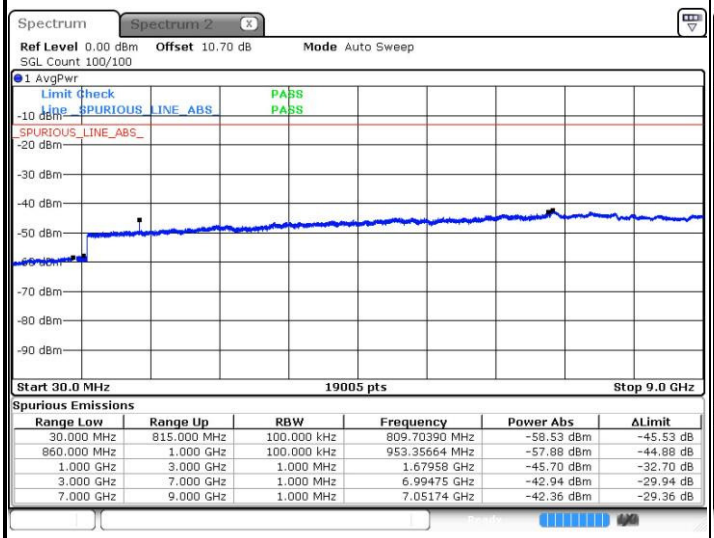


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-53.77 dBm	-40.77 dB
860.000 MHz	1.000 GHz	100.000 kHz	999.23077 MHz	-57.79 dBm	-44.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-46.96 dBm	-33.96 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-42.81 dBm	-29.81 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04574 GHz	-42.30 dBm	-29.30 dB

Date: 24.MAY.2016 12:38:50

Highest Channel / QPSK

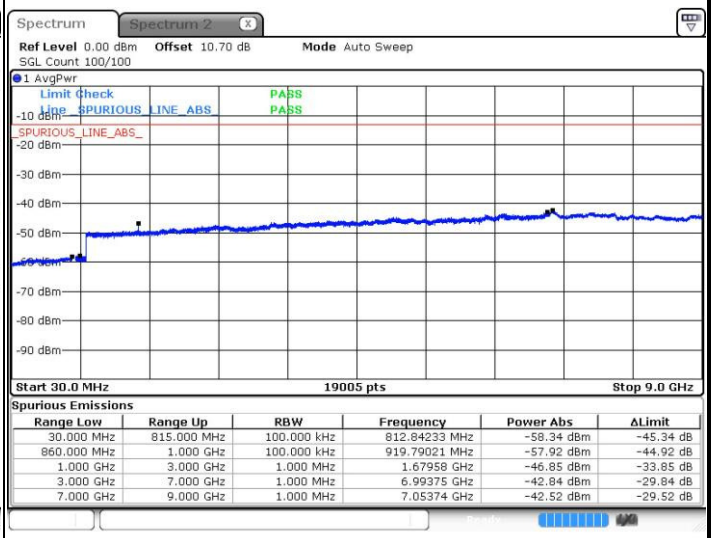


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	809.70390 MHz	-58.53 dBm	-45.53 dB
860.000 MHz	1.000 GHz	100.000 kHz	953.35664 MHz	-57.88 dBm	-44.88 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-45.70 dBm	-32.70 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-42.94 dBm	-29.94 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05174 GHz	-42.36 dBm	-29.36 dB

Date: 24.MAY.2016 12:48:35

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.84233 MHz	-58.34 dBm	-45.34 dB
860.000 MHz	1.000 GHz	100.000 kHz	919.79021 MHz	-57.92 dBm	-44.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-46.85 dBm	-33.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-42.84 dBm	-29.84 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05374 GHz	-42.52 dBm	-29.52 dB

Date: 24.MAY.2016 12:49:29

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0062	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0092	
0	Normal Voltage	0.0096	
-10	Normal Voltage	0.0071	
-20	Normal Voltage	0.0065	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0096	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0069	

Note:

1. Normal Voltage = 3.9 V. ；Battery End Point (BEP) = 3.4 V.；Maximum Voltage =4.35 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

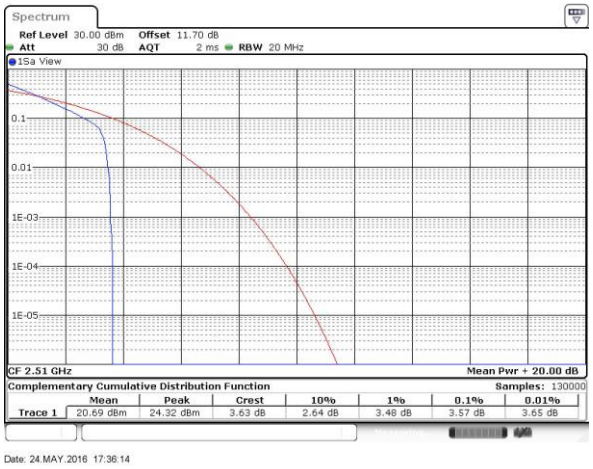
LTE Band 7

Peak-to-Average Ratio

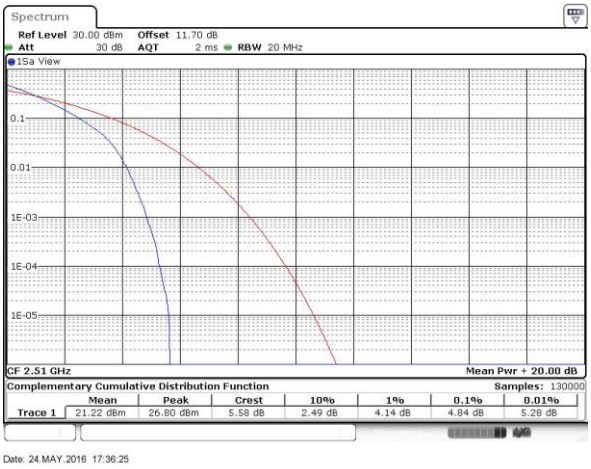
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.57	4.84	4.58	5.80	PASS
Middle CH	3.71	4.75	4.49	5.80	
Highest CH	3.57	4.84	4.35	5.80	

LTE Band 7 / 20MHz / QPSK

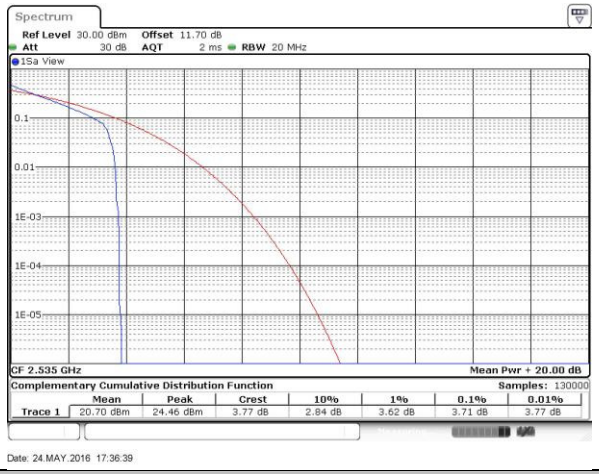
Lowest Channel / 1RB



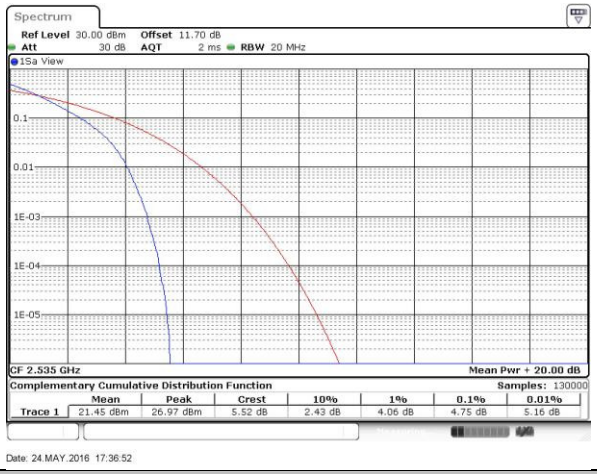
Lowest Channel / Full RB



Middle Channel / 1RB

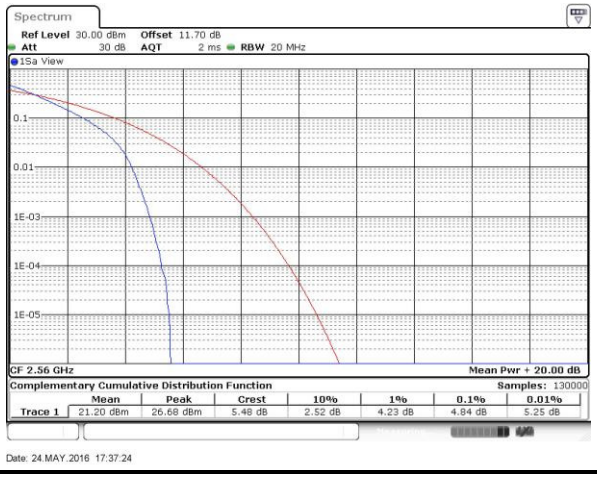


Middle Channel / Full RB



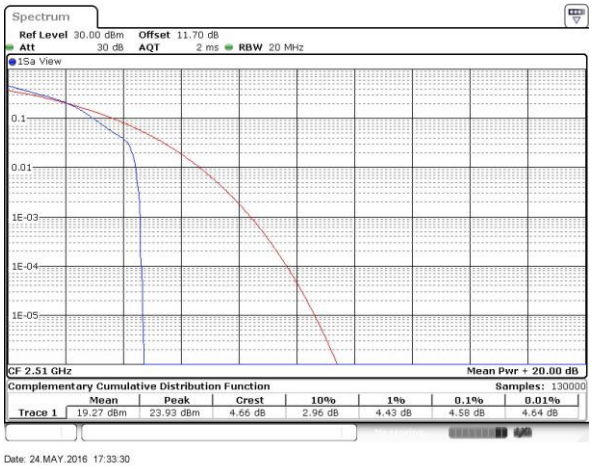
Highest Channel / 1RB

Highest Channel / Full RB

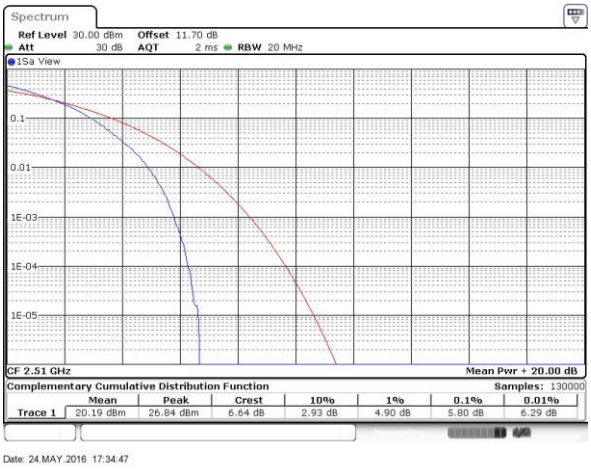


LTE Band 7 / 20MHz / 16QAM

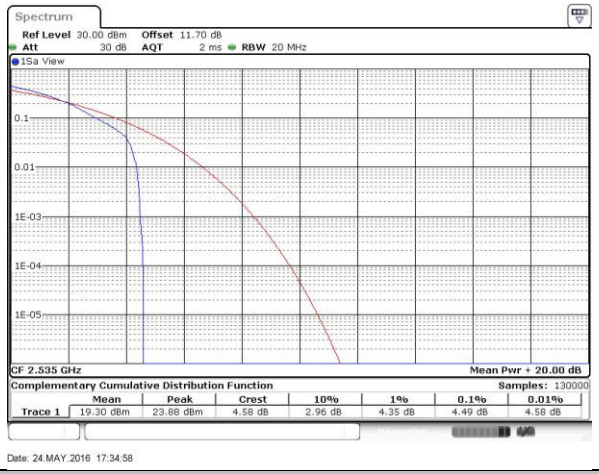
Lowest Channel / 1RB



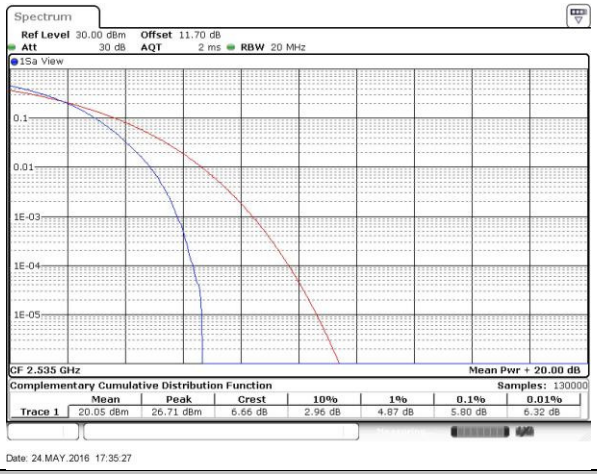
Lowest Channel / Full RB



Middle Channel / 1RB

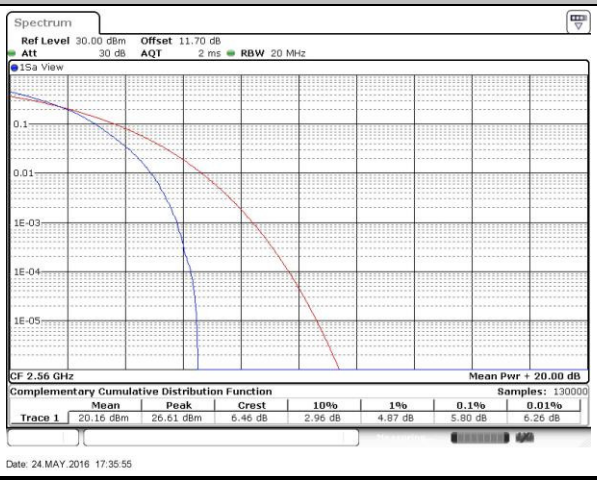


Middle Channel / Full RB



Highest Channel / 1RB

Highest Channel / Full RB

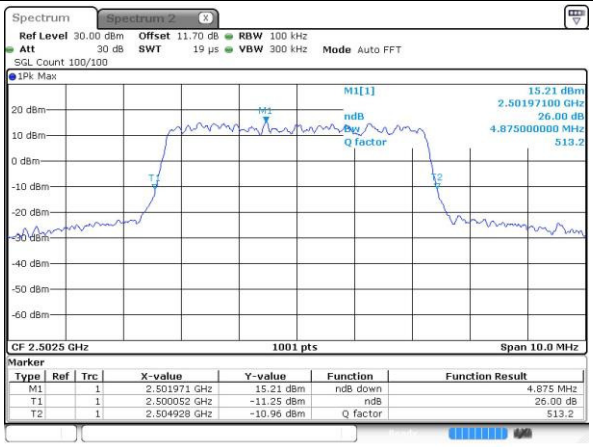


26dB Bandwidth

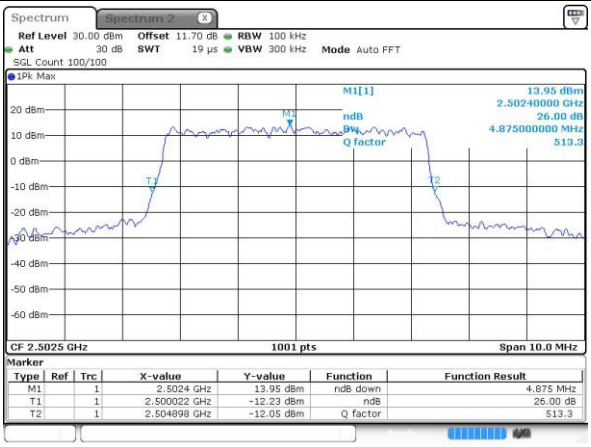
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.88	4.88	9.91	9.81	14.69	14.3	20.14	20.22
Middle CH	-	-	-	-	4.96	4.97	10.01	9.95	14.36	14.27	20.26	19.98
Highest CH	-	-	-	-	4.88	4.91	9.67	9.75	14.48	14.21	20.46	20.14

LTE Band 7

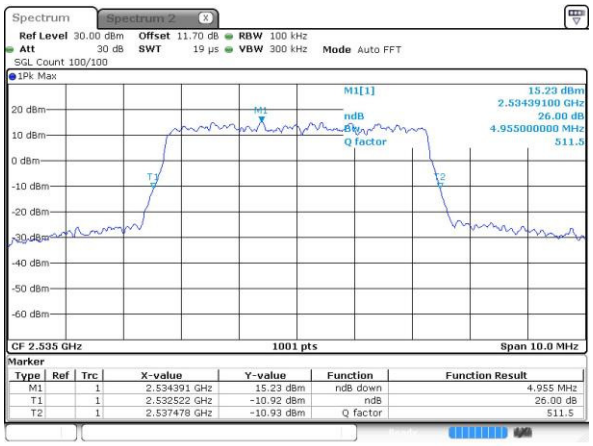
Lowest Channel / 5MHz / QPSK



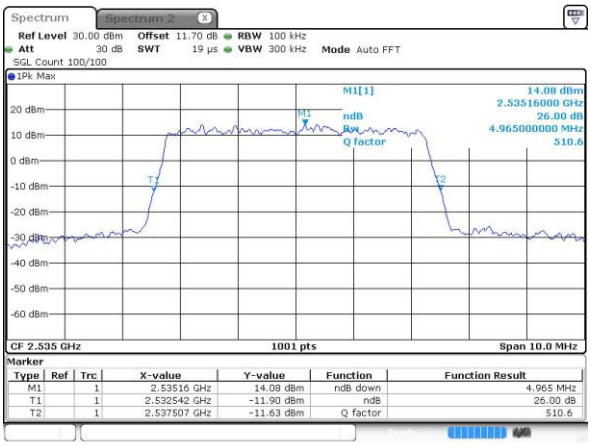
Lowest Channel / 5MHz / 16QAM



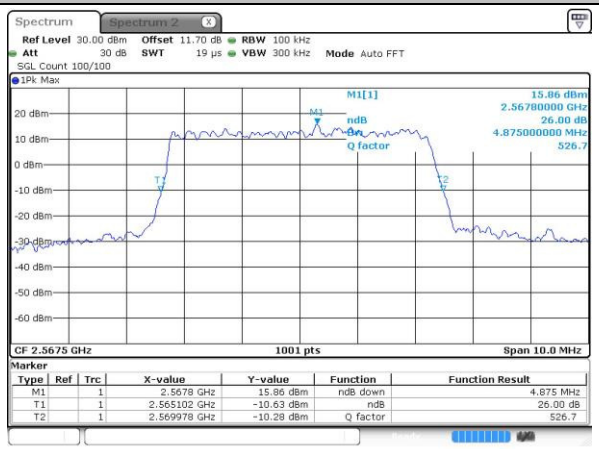
Middle Channel / 5MHz / QPSK



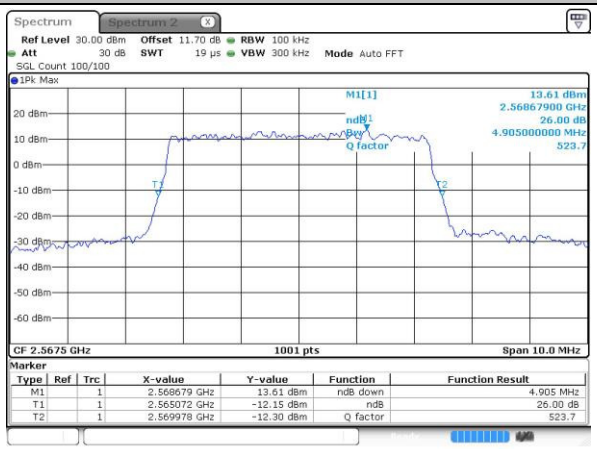
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

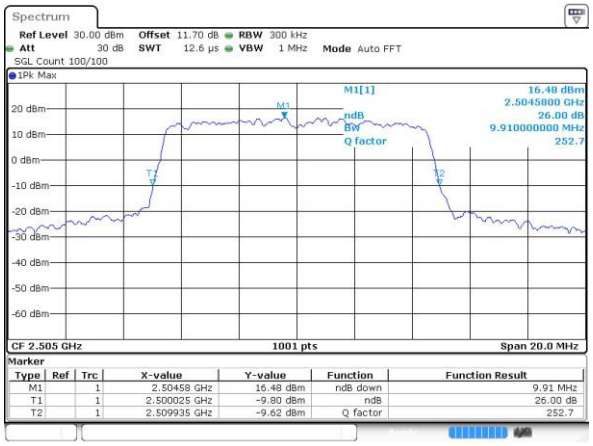


Highest Channel / 5MHz / 16QAM

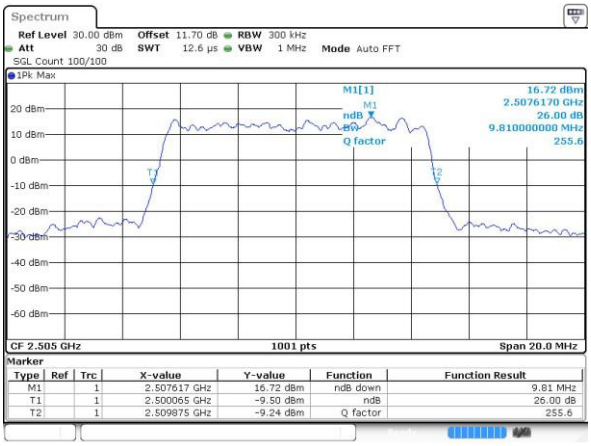


LTE Band 7

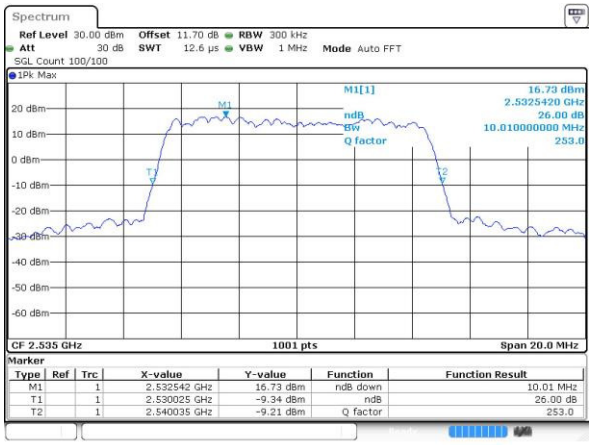
Lowest Channel / 10MHz / QPSK



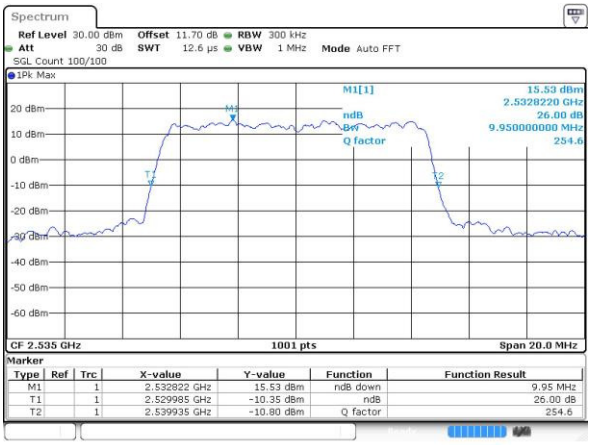
Lowest Channel / 10MHz / 16QAM



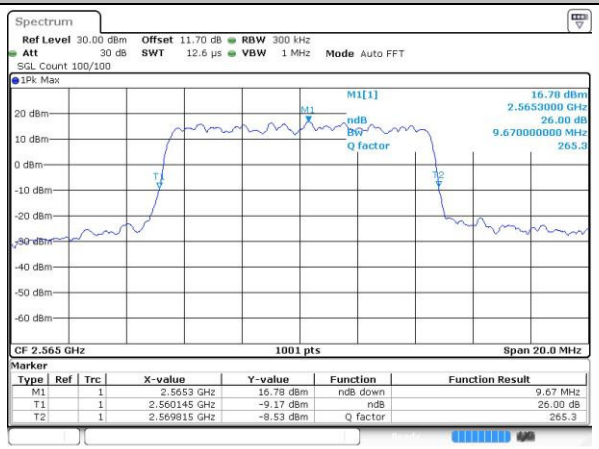
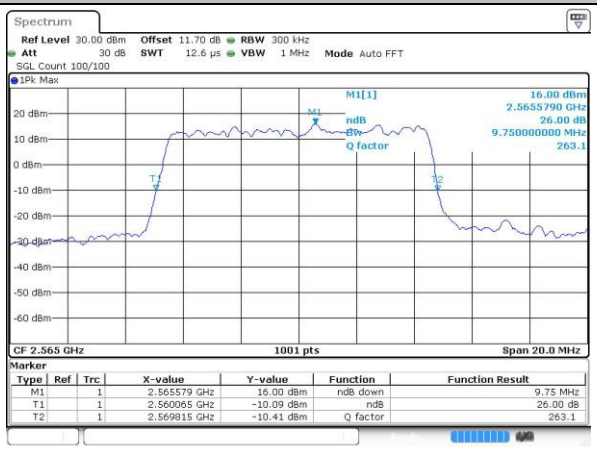
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM