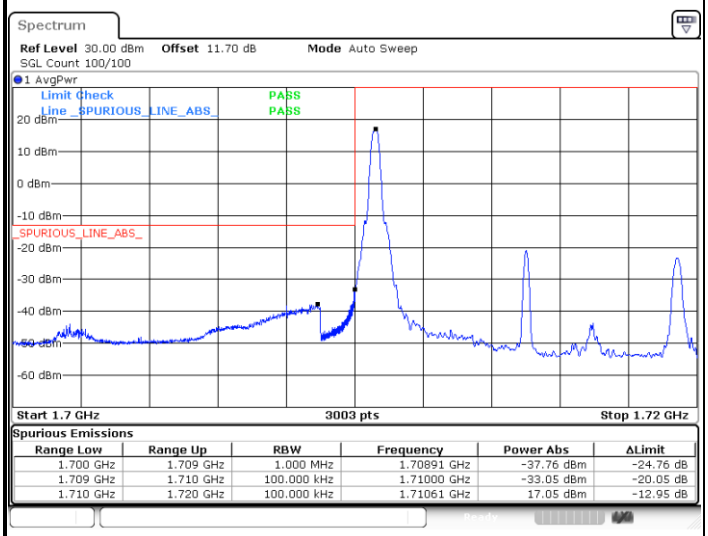
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

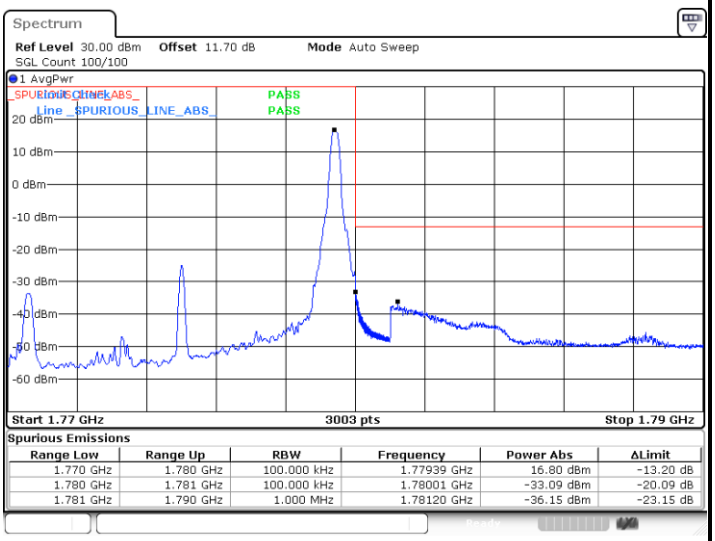


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-37.76 dBm	-24.76 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.71000 GHz	-33.05 dBm	-20.05 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71061 GHz	17.05 dBm	-12.95 dB

Date: 15.MAR.2020 18:26:14

Highest Band Edge / 1 RB

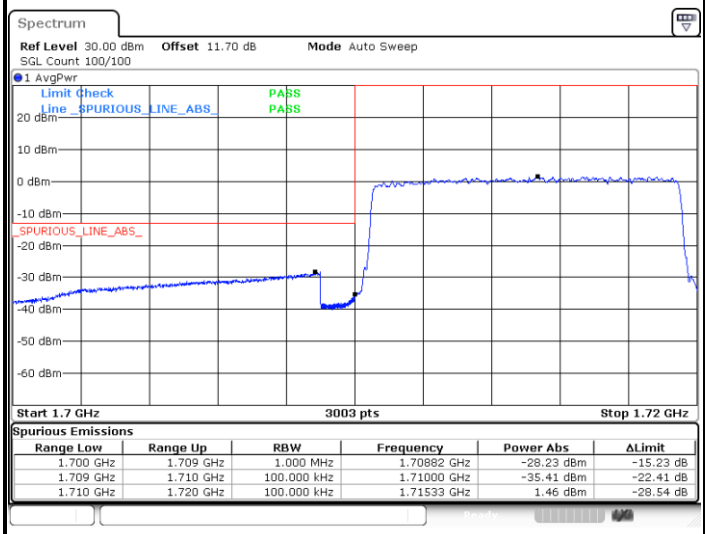


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.770 GHz	1.780 GHz	100.000 kHz	1.77939 GHz	16.80 dBm	-13.20 dB
1.780 GHz	1.781 GHz	100.000 kHz	1.78001 GHz	-33.09 dBm	-20.09 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78120 GHz	-36.15 dBm	-23.15 dB

Date: 15.MAR.2020 18:35:13

Lowest Band Edge / Full RB

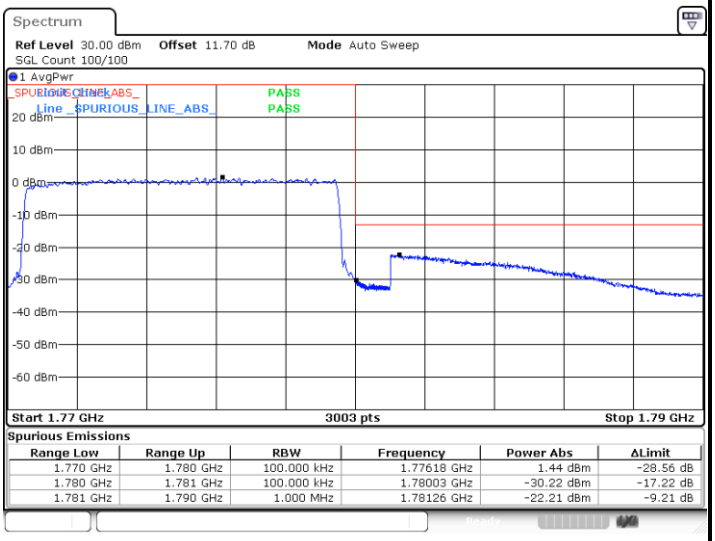


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70882 GHz	-28.23 dBm	-15.23 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.71000 GHz	-35.41 dBm	-22.41 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71533 GHz	1.46 dBm	-28.54 dB

Date: 15.MAR.2020 18:28:14

Highest Band Edge / Full RB



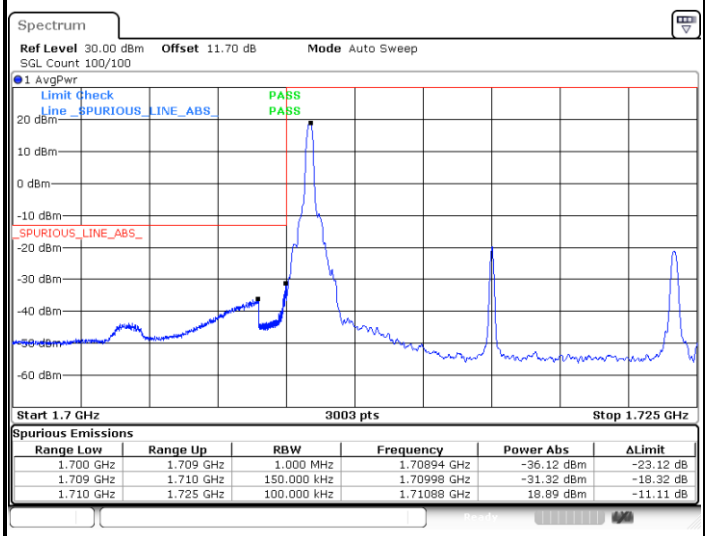
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.770 GHz	1.780 GHz	100.000 kHz	1.77618 GHz	1.44 dBm	-28.56 dB
1.780 GHz	1.781 GHz	100.000 kHz	1.78003 GHz	-30.22 dBm	-17.22 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78126 GHz	-22.21 dBm	-9.21 dB

Date: 15.MAR.2020 18:37:13

LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB

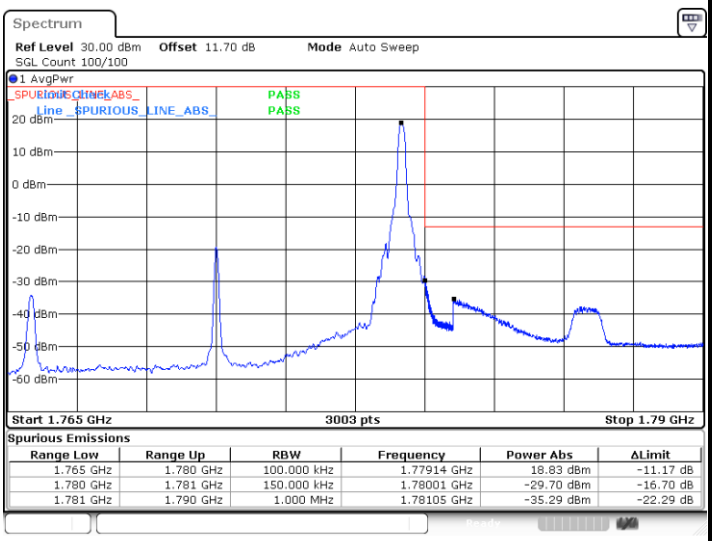


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70894 GHz	-36.12 dBm	-23.12 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70998 GHz	-31.32 dBm	-18.32 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71088 GHz	18.89 dBm	-11.11 dB

Date: 15.MAR.2020 18:56:09

Highest Band Edge / 1 RB

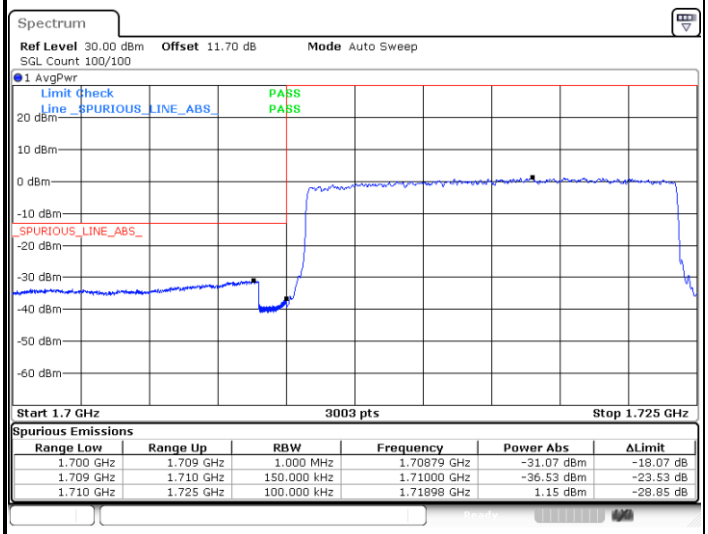


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.77914 GHz	18.83 dBm	-11.17 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78001 GHz	-29.70 dBm	-16.70 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78105 GHz	-35.29 dBm	-22.29 dB

Date: 15.MAR.2020 19:05:06

Lowest Band Edge / Full RB

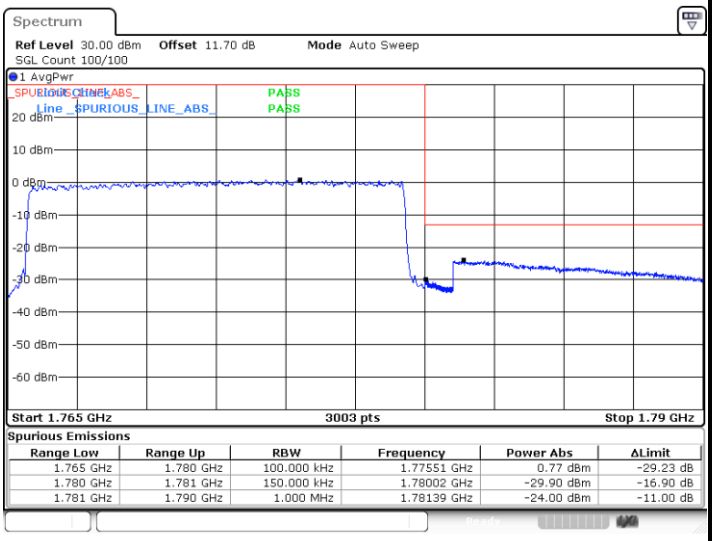


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70879 GHz	-31.07 dBm	-18.07 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.71000 GHz	-36.53 dBm	-23.53 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71898 GHz	1.15 dBm	-28.85 dB

Date: 15.MAR.2020 18:58:09

Highest Band Edge / Full RB



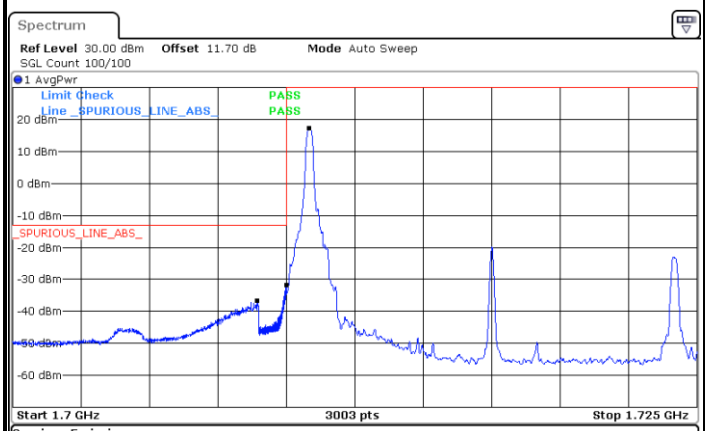
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.77551 GHz	0.77 dBm	-29.23 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78002 GHz	-29.90 dBm	-16.90 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78139 GHz	-24.00 dBm	-11.00 dB

Date: 15.MAR.2020 19:07:06

LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

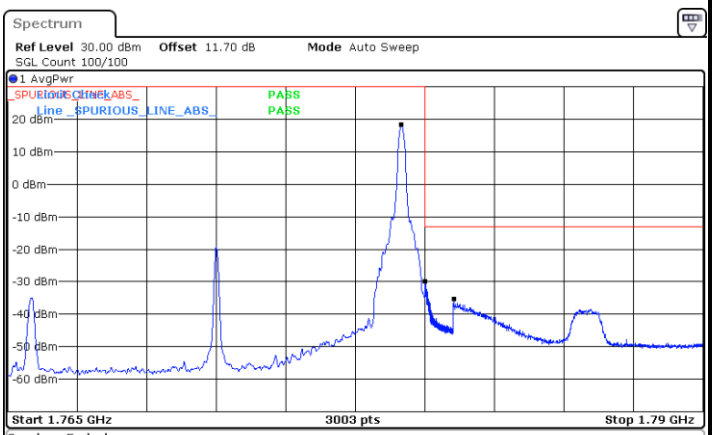


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70893 GHz	-36.78 dBm	-23.78 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.71000 GHz	-31.91 dBm	-18.91 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71083 GHz	17.23 dBm	-12.77 dB

Date: 15.MAR.2020 18:57:09

Highest Band Edge / 1 RB

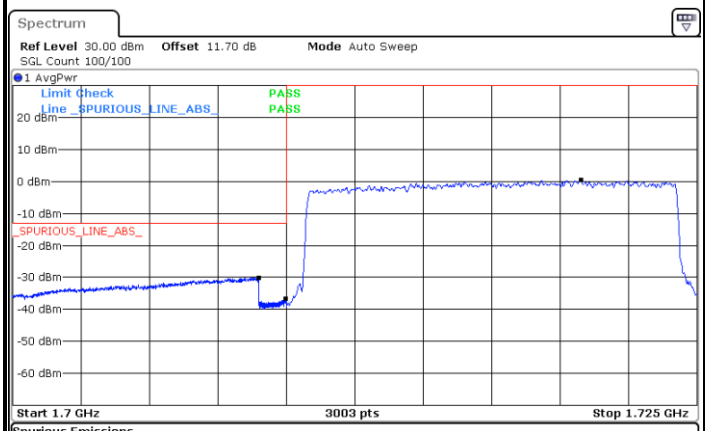


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.77915 GHz	18.40 dBm	-11.60 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78000 GHz	-30.02 dBm	-17.02 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78103 GHz	-35.36 dBm	-22.36 dB

Date: 15.MAR.2020 19:06:06

Lowest Band Edge / Full RB

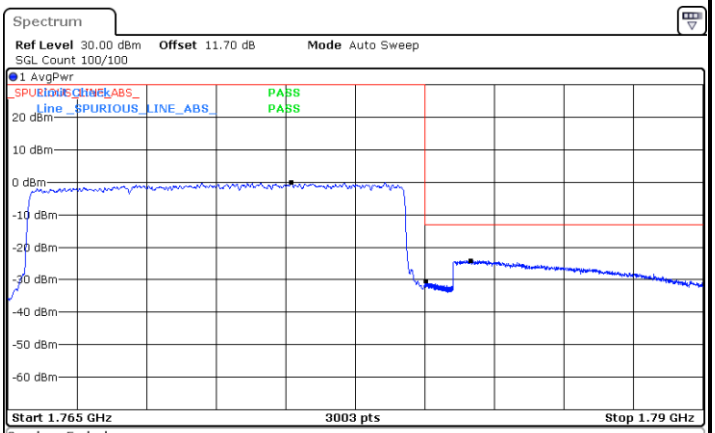


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-30.12 dBm	-17.12 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70996 GHz	-36.54 dBm	-23.54 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.72075 GHz	0.46 dBm	-29.54 dB

Date: 15.MAR.2020 18:59:09

Highest Band Edge / Full RB



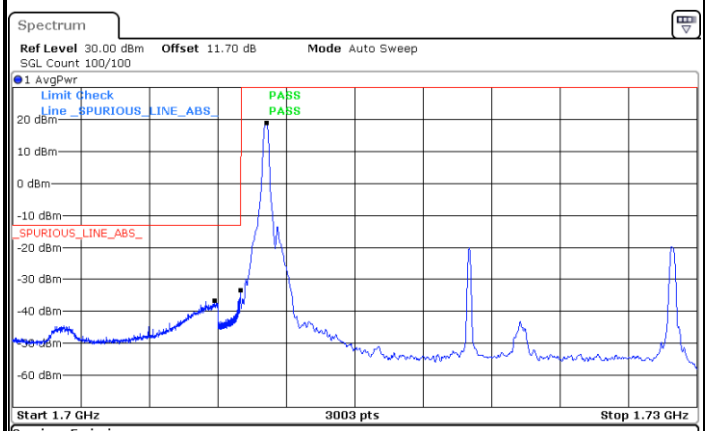
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.77520 GHz	-0.01 dBm	-30.01 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78003 GHz	-30.49 dBm	-17.49 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78163 GHz	-24.11 dBm	-11.11 dB

Date: 15.MAR.2020 19:08:06

LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB

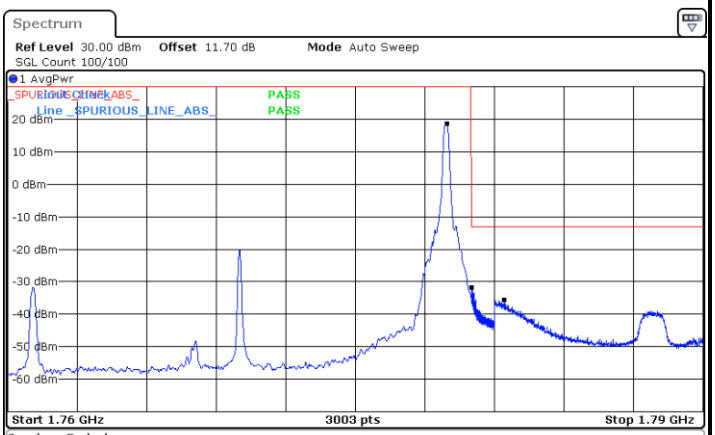


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70884 GHz	-36.80 dBm	-23.80 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-33.33 dBm	-20.33 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71111 GHz	18.96 dBm	-11.04 dB

Date: 15.MAR.2020 20:21:43

Highest Band Edge / 1 RB

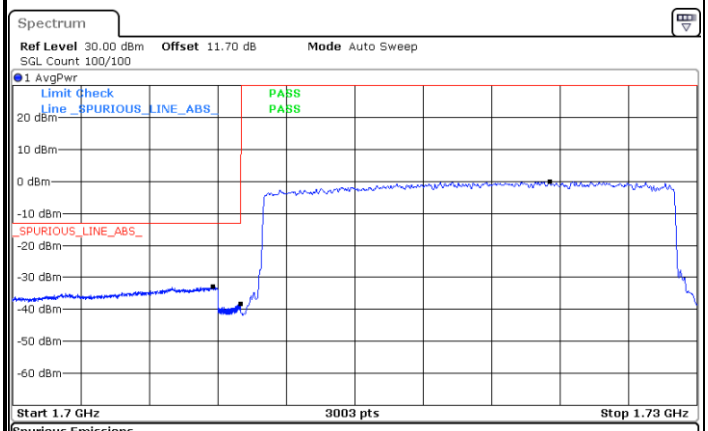


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77893 GHz	18.59 dBm	-11.41 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78002 GHz	-31.87 dBm	-18.87 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78143 GHz	-35.61 dBm	-22.61 dB

Date: 15.MAR.2020 20:30:41

Lowest Band Edge / Full RB

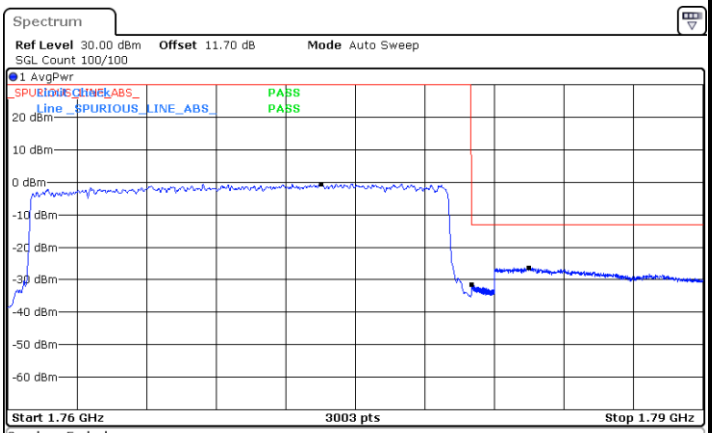


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70876 GHz	-32.90 dBm	-19.90 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-38.18 dBm	-25.18 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72354 GHz	-0.06 dBm	-30.06 dB

Date: 15.MAR.2020 20:23:43

Highest Band Edge / Full RB



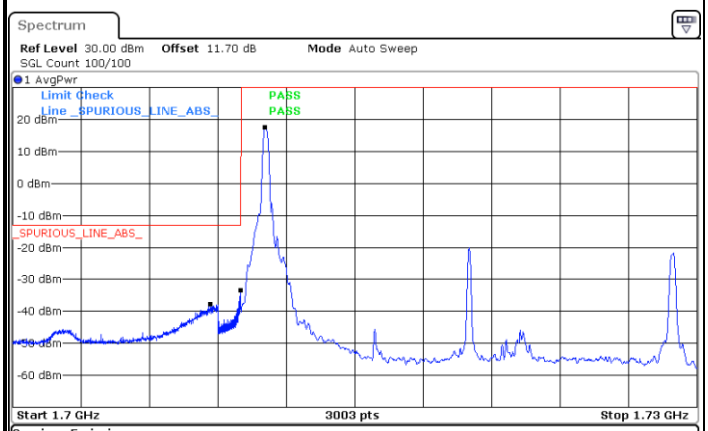
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77352 GHz	-0.53 dBm	-30.53 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78001 GHz	-31.54 dBm	-18.54 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78247 GHz	-26.33 dBm	-13.33 dB

Date: 15.MAR.2020 20:32:41

LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

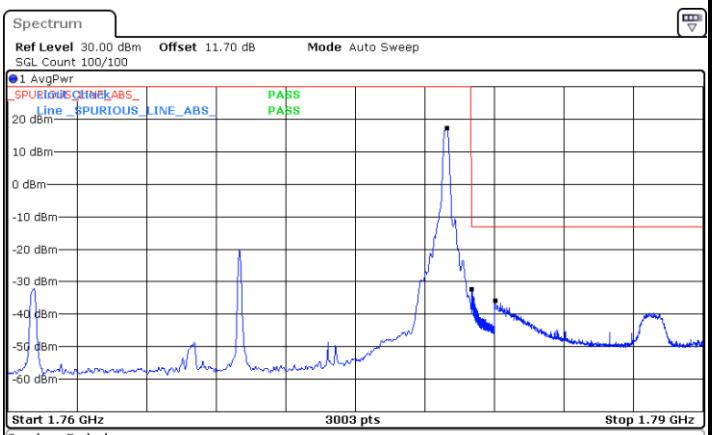


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70866 GHz	-37.65 dBm	-24.65 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-33.46 dBm	-20.46 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71107 GHz	17.62 dBm	-12.38 dB

Date: 15.MAR.2020 20:22:43

Highest Band Edge / 1 RB

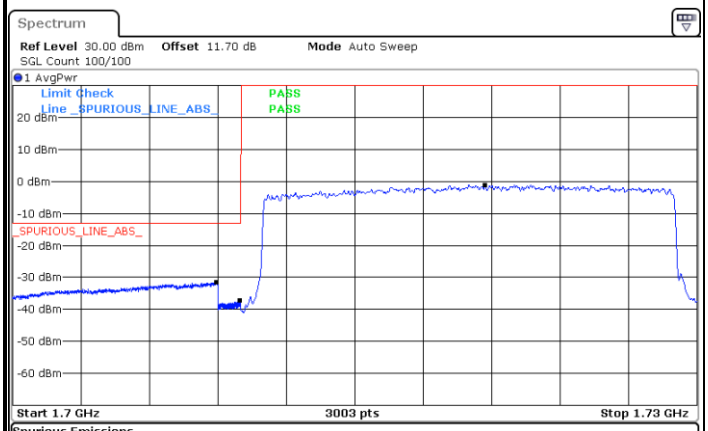


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77893 GHz	17.34 dBm	-12.66 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78001 GHz	-32.41 dBm	-19.41 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78102 GHz	-35.94 dBm	-22.94 dB

Date: 15.MAR.2020 20:31:40

Lowest Band Edge / Full RB

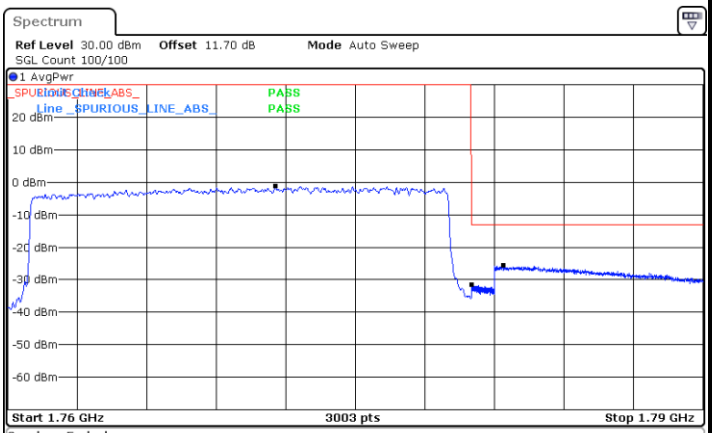


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-31.45 dBm	-18.45 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70997 GHz	-37.24 dBm	-24.24 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72070 GHz	-1.18 dBm	-31.18 dB

Date: 15.MAR.2020 20:24:43

Highest Band Edge / Full RB



Spurious Emissions

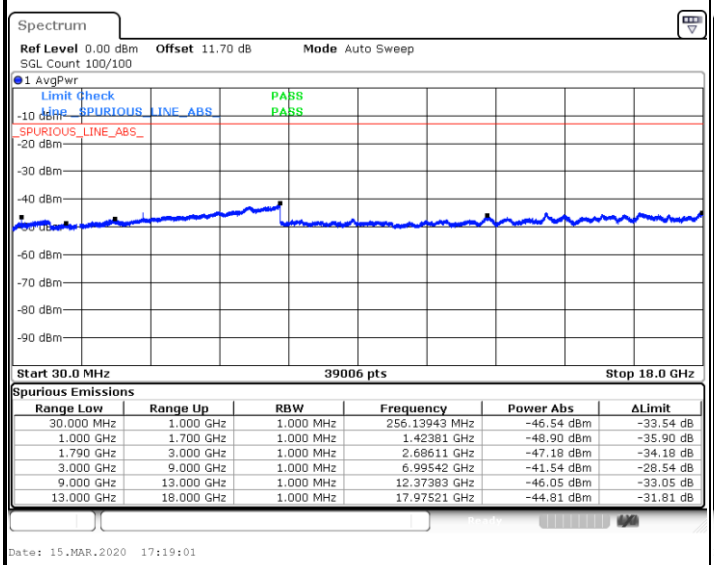
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77154 GHz	-1.28 dBm	-31.28 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78003 GHz	-31.62 dBm	-18.62 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78136 GHz	-25.67 dBm	-12.67 dB

Date: 15.MAR.2020 20:33:40

Conducted Spurious Emission

LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

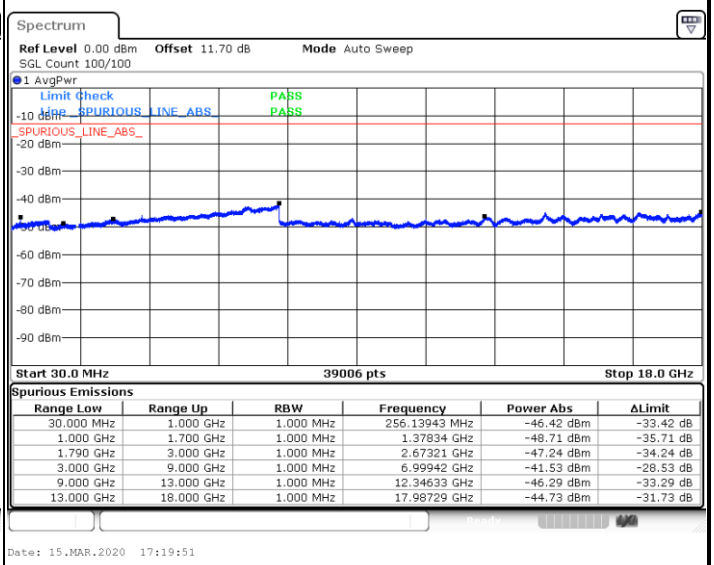


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.54 dBm	-33.54 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.42381 GHz	-48.90 dBm	-35.90 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.68611 GHz	-47.18 dBm	-34.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99542 GHz	-41.54 dBm	-28.54 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37383 GHz	-46.05 dBm	-33.05 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.97521 GHz	-44.81 dBm	-31.81 dB

Date: 15.MAR.2020 17:19:01

Lowest Channel / 16QAM

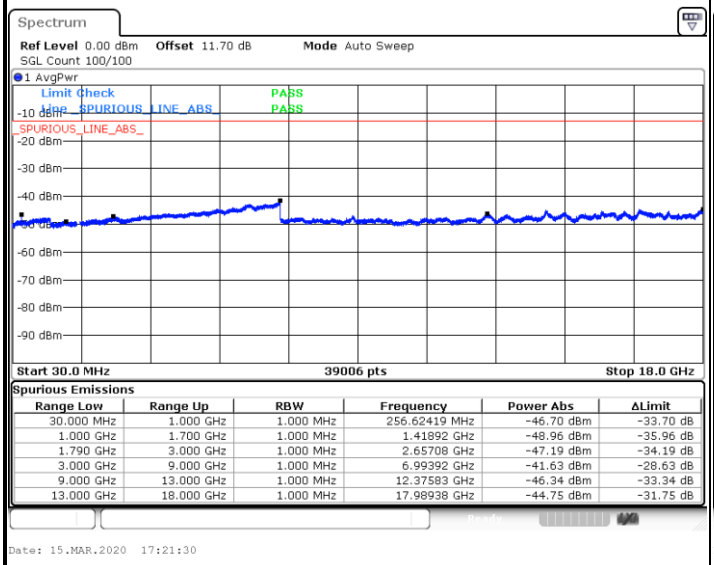


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.42 dBm	-33.42 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.37834 GHz	-48.71 dBm	-35.71 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.67321 GHz	-47.24 dBm	-34.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99942 GHz	-41.53 dBm	-28.53 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.34633 GHz	-46.29 dBm	-33.29 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98729 GHz	-44.73 dBm	-31.73 dB

Date: 15.MAR.2020 17:19:51

Middle Channel / QPSK

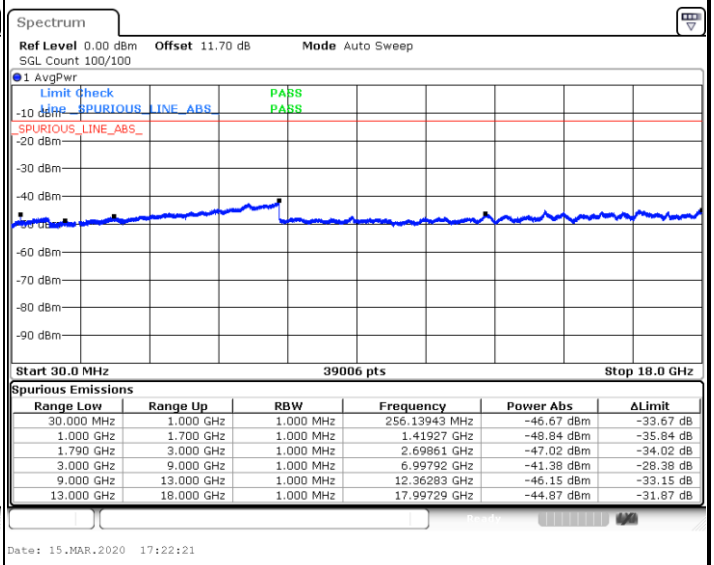


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.62419 MHz	-46.70 dBm	-33.70 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.41892 GHz	-48.96 dBm	-35.96 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.65708 GHz	-47.19 dBm	-34.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99392 GHz	-41.63 dBm	-28.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37583 GHz	-46.34 dBm	-33.34 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98938 GHz	-44.75 dBm	-31.75 dB

Date: 15.MAR.2020 17:21:30

Middle Channel / 16QAM



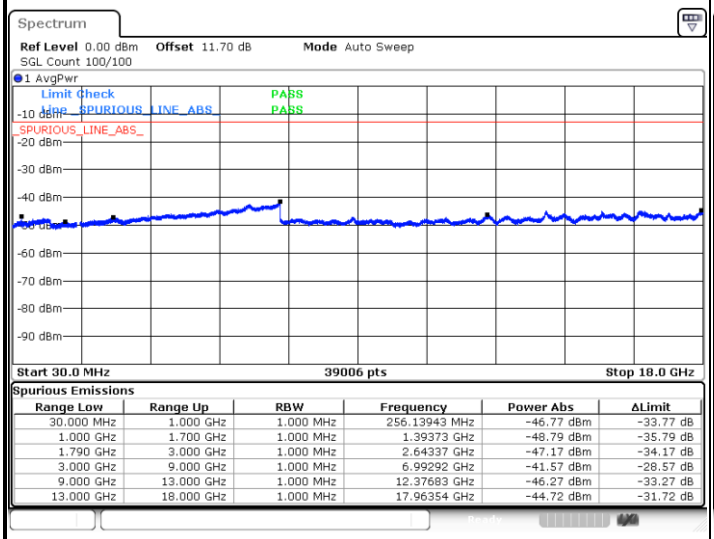
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.67 dBm	-33.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.41927 GHz	-48.84 dBm	-35.84 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.69861 GHz	-47.02 dBm	-34.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99792 GHz	-41.38 dBm	-28.38 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36283 GHz	-46.15 dBm	-33.15 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99729 GHz	-44.87 dBm	-31.87 dB

Date: 15.MAR.2020 17:22:21

LTE Band 66 / 1.4MHz

Highest Channel / QPSK

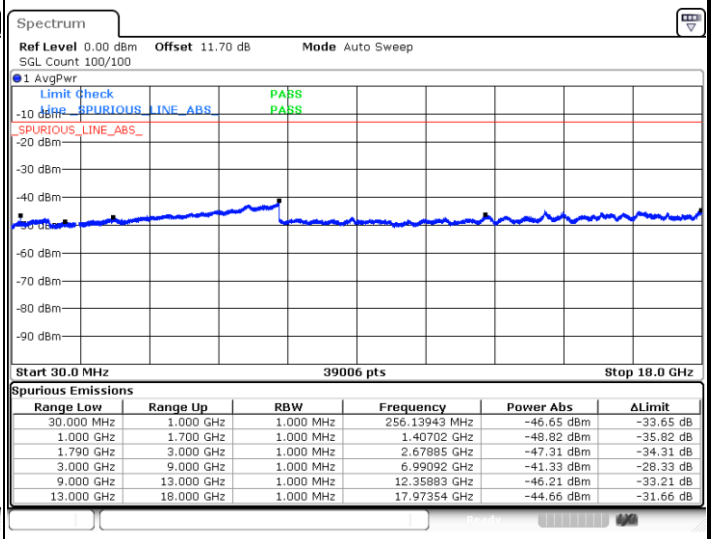


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.77 dBm	-33.77 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.39373 GHz	-48.79 dBm	-35.79 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.64337 GHz	-47.17 dBm	-34.17 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99292 GHz	-41.57 dBm	-28.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37683 GHz	-46.27 dBm	-33.27 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.96354 GHz	-44.72 dBm	-31.72 dB

Date: 15.MAR.2020 17:28:14

Highest Channel / 16QAM



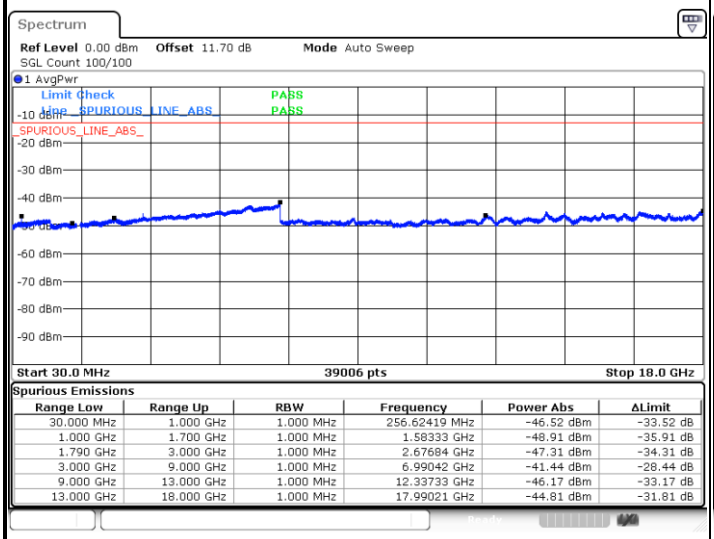
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.65 dBm	-33.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.40702 GHz	-48.82 dBm	-35.82 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.67885 GHz	-47.31 dBm	-34.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-41.33 dBm	-28.33 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.35883 GHz	-46.21 dBm	-33.21 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.97354 GHz	-44.66 dBm	-31.66 dB

Date: 15.MAR.2020 17:29:04

LTE Band 66 / 3MHz

Lowest Channel / QPSK

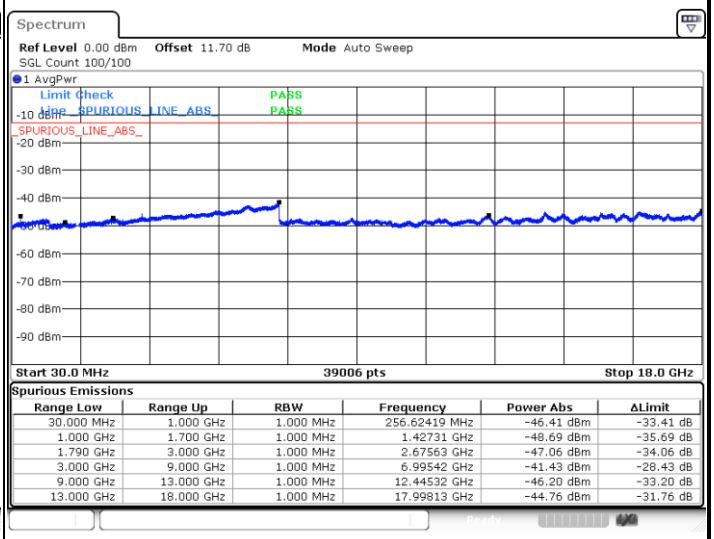


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.62419 MHz	-46.52 dBm	-33.52 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.58333 GHz	-48.91 dBm	-35.91 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.67684 GHz	-47.31 dBm	-34.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.44 dBm	-28.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.33733 GHz	-46.17 dBm	-33.17 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99021 GHz	-44.81 dBm	-31.81 dB

Date: 15.MAR.2020 17:42:42

Lowest Channel / 16QAM



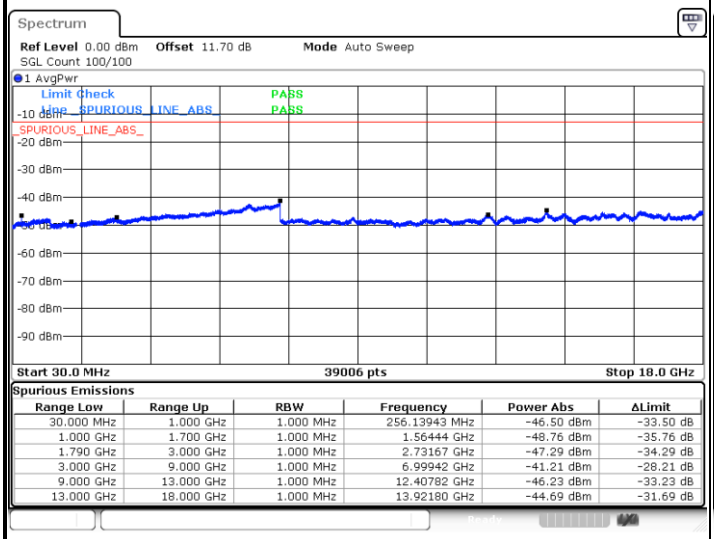
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.62419 MHz	-46.41 dBm	-33.41 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.42731 GHz	-48.69 dBm	-35.69 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.67563 GHz	-47.06 dBm	-34.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99542 GHz	-41.43 dBm	-28.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44532 GHz	-46.20 dBm	-33.20 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99813 GHz	-44.76 dBm	-31.76 dB

Date: 15.MAR.2020 17:43:32

LTE Band 66 / 3MHz

Middle Channel / QPSK

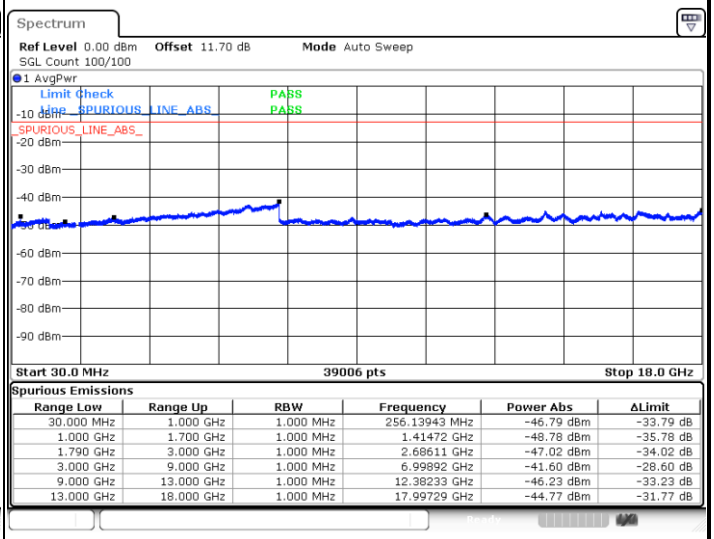


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.50 dBm	-33.50 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.56444 GHz	-48.76 dBm	-35.76 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.73167 GHz	-47.29 dBm	-34.29 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99942 GHz	-41.21 dBm	-28.21 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40782 GHz	-46.23 dBm	-33.23 dB
13.000 GHz	18.000 GHz	1.000 MHz	13.92180 GHz	-44.69 dBm	-31.69 dB

Date: 15.MAR.2020 17:45:12

Middle Channel / 16QAM

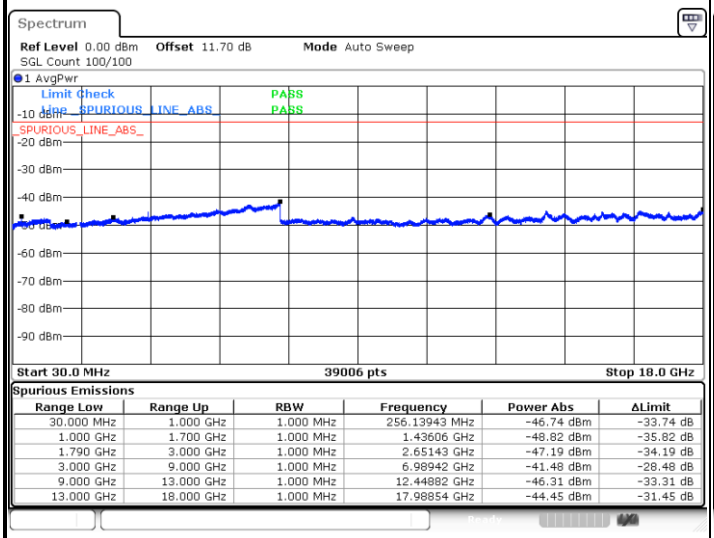


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.79 dBm	-33.79 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.41472 GHz	-48.78 dBm	-35.78 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.68611 GHz	-47.02 dBm	-34.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99892 GHz	-41.60 dBm	-28.60 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.38233 GHz	-46.23 dBm	-33.23 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99729 GHz	-44.77 dBm	-31.77 dB

Date: 15.MAR.2020 17:46:02

Highest Channel / QPSK

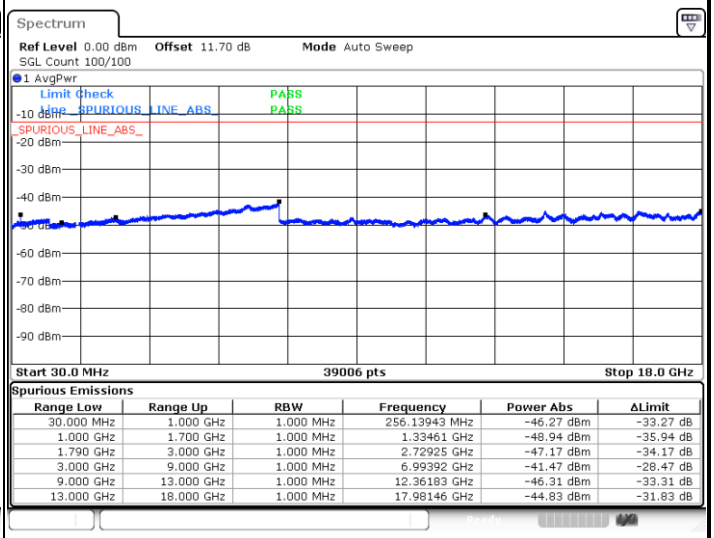


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.74 dBm	-33.74 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.43606 GHz	-48.82 dBm	-35.82 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.65143 GHz	-47.19 dBm	-34.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98942 GHz	-41.48 dBm	-28.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44882 GHz	-46.31 dBm	-33.31 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98854 GHz	-44.45 dBm	-31.45 dB

Date: 15.MAR.2020 17:51:41

Highest Channel / 16QAM



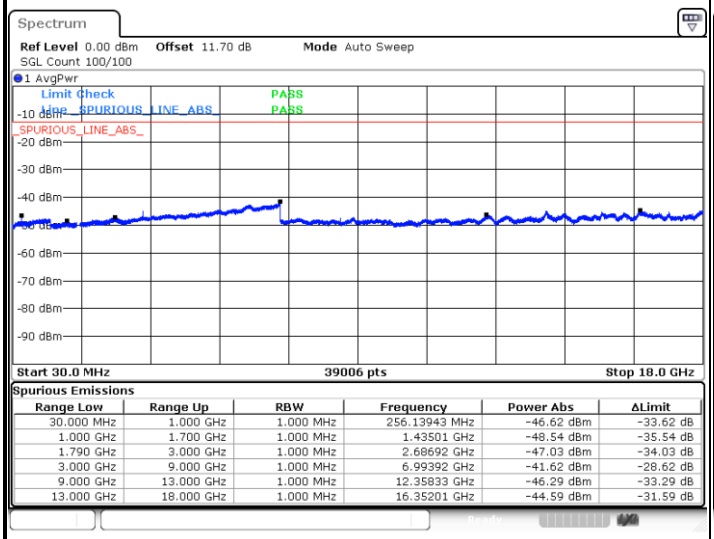
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.27 dBm	-33.27 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.33461 GHz	-48.94 dBm	-35.94 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.72925 GHz	-47.17 dBm	-34.17 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99392 GHz	-41.47 dBm	-28.47 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36183 GHz	-46.31 dBm	-33.31 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98146 GHz	-44.83 dBm	-31.83 dB

Date: 15.MAR.2020 17:52:31

LTE Band 66 / 5MHz

Lowest Channel / QPSK

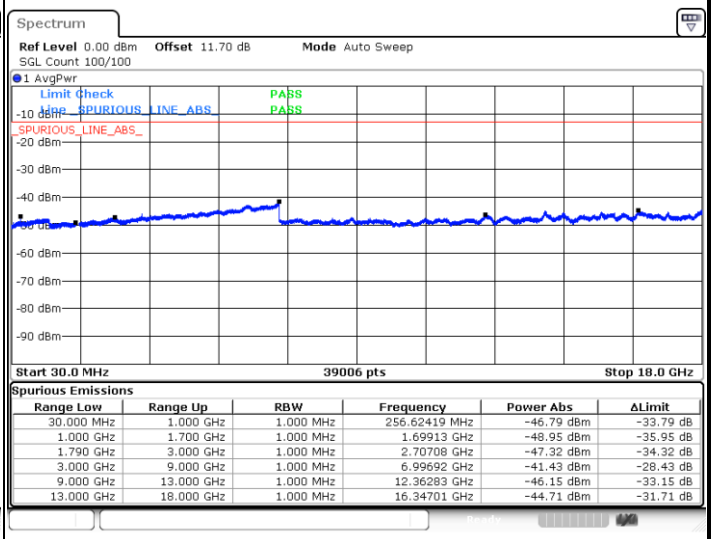


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.62 dBm	-33.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.43501 GHz	-48.54 dBm	-35.54 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.68692 GHz	-47.03 dBm	-34.03 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99392 GHz	-41.62 dBm	-28.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.35833 GHz	-46.29 dBm	-33.29 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.35201 GHz	-44.59 dBm	-31.59 dB

Date: 15.MAR.2020 18:13:37

Lowest Channel / 16QAM

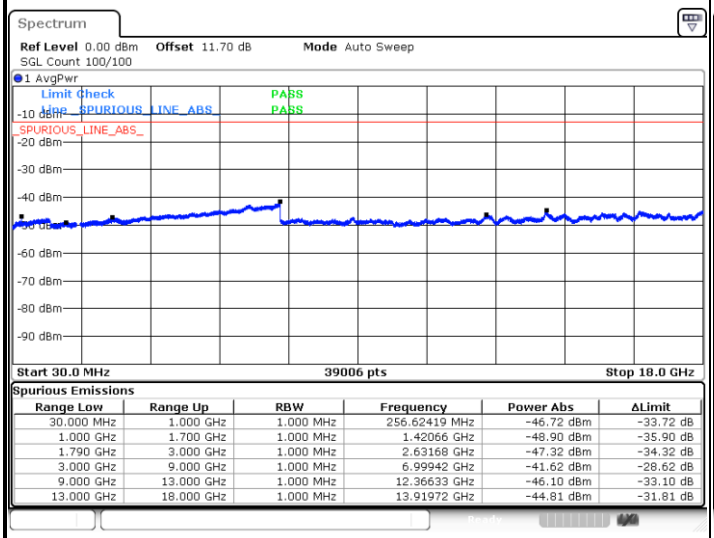


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.62419 MHz	-46.79 dBm	-33.79 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69913 GHz	-48.95 dBm	-35.95 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.70708 GHz	-47.32 dBm	-34.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99692 GHz	-41.43 dBm	-28.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36283 GHz	-46.15 dBm	-33.15 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.34701 GHz	-44.71 dBm	-31.71 dB

Date: 15.MAR.2020 18:14:26

Middle Channel / QPSK

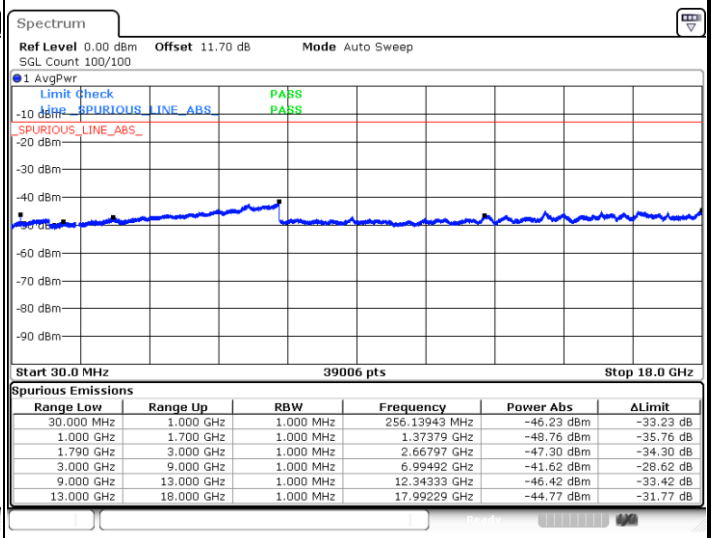


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.62419 MHz	-46.72 dBm	-33.72 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.42066 GHz	-48.90 dBm	-35.90 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.63168 GHz	-47.32 dBm	-34.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99942 GHz	-41.62 dBm	-28.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36633 GHz	-46.10 dBm	-33.10 dB
13.000 GHz	18.000 GHz	1.000 MHz	13.91972 GHz	-44.81 dBm	-31.81 dB

Date: 15.MAR.2020 18:16:06

Middle Channel / 16QAM



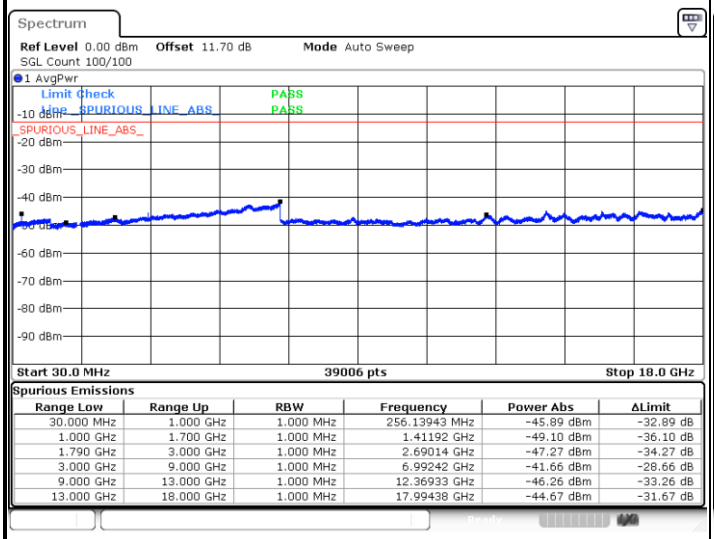
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.23 dBm	-33.23 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.37379 GHz	-48.76 dBm	-35.76 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.66797 GHz	-47.30 dBm	-34.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99492 GHz	-41.62 dBm	-28.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.34333 GHz	-46.42 dBm	-33.42 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99229 GHz	-44.77 dBm	-31.77 dB

Date: 15.MAR.2020 18:16:56

LTE Band 66 / 5MHz

Highest Channel / QPSK

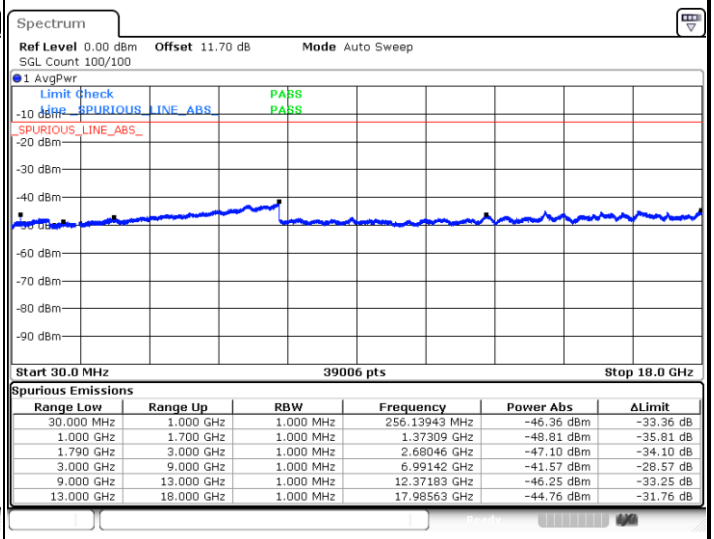


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-45.89 dBm	-32.89 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.41192 GHz	-49.10 dBm	-36.10 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.69014 GHz	-47.27 dBm	-34.27 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99242 GHz	-41.66 dBm	-28.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36933 GHz	-46.26 dBm	-33.26 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99438 GHz	-44.67 dBm	-31.67 dB

Date: 15.MAR.2020 18:22:35

Highest Channel / 16QAM



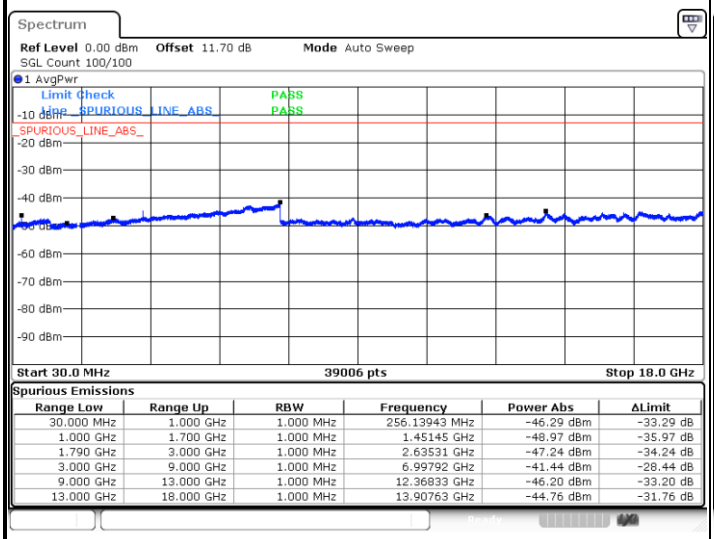
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.36 dBm	-33.36 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.37309 GHz	-48.81 dBm	-35.81 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.68046 GHz	-47.10 dBm	-34.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99142 GHz	-41.57 dBm	-28.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37183 GHz	-46.25 dBm	-33.25 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98563 GHz	-44.76 dBm	-31.76 dB

Date: 15.MAR.2020 18:23:24

LTE Band 66 / 10MHz

Lowest Channel / QPSK

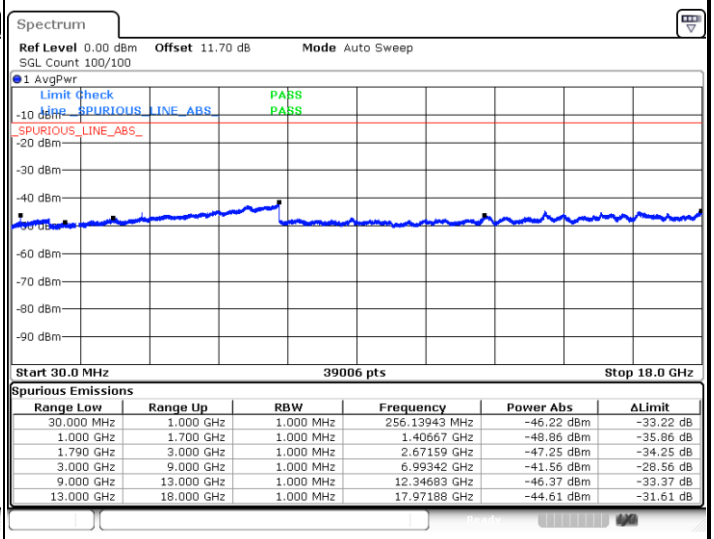


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.29 dBm	-33.29 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.45145 GHz	-48.97 dBm	-35.97 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.63531 GHz	-47.24 dBm	-34.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99792 GHz	-41.44 dBm	-28.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36833 GHz	-46.20 dBm	-33.20 dB
13.000 GHz	18.000 GHz	1.000 MHz	13.90763 GHz	-44.76 dBm	-31.76 dB

Date: 15.MAR.2020 18:29:04

Lowest Channel / 16QAM



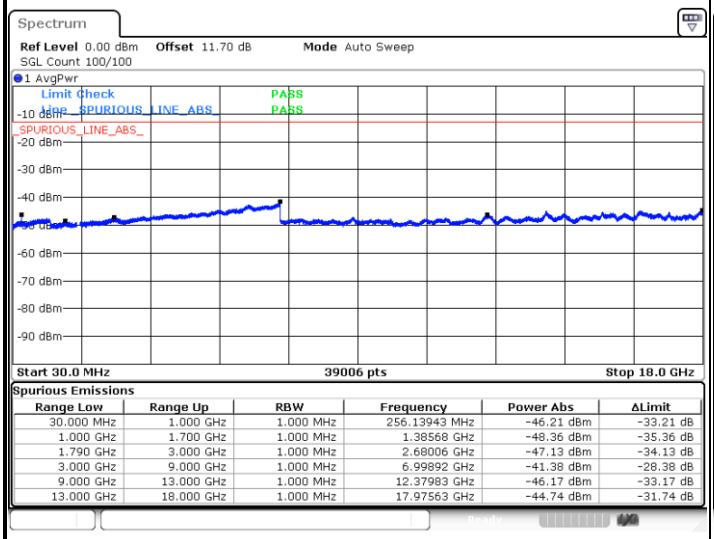
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.22 dBm	-33.22 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.40667 GHz	-48.86 dBm	-35.86 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.67159 GHz	-47.25 dBm	-34.25 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99342 GHz	-41.56 dBm	-28.56 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.34683 GHz	-46.37 dBm	-33.37 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.97188 GHz	-44.61 dBm	-31.61 dB

Date: 15.MAR.2020 18:29:54

LTE Band 66 / 10MHz

Middle Channel / QPSK

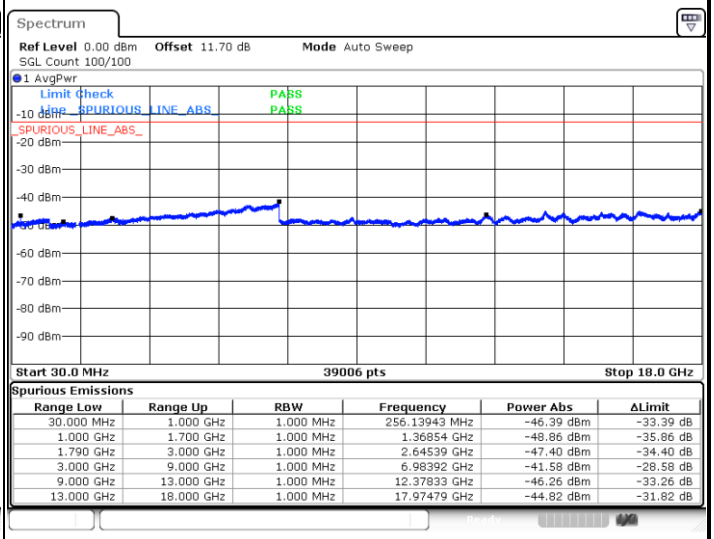


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.21 dBm	-33.21 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.38568 GHz	-48.36 dBm	-35.36 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.68006 GHz	-47.13 dBm	-34.13 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99892 GHz	-41.38 dBm	-28.38 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37983 GHz	-46.17 dBm	-33.17 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.97563 GHz	-44.74 dBm	-31.74 dB

Date: 15.MAR.2020 18:31:34

Middle Channel / 16QAM

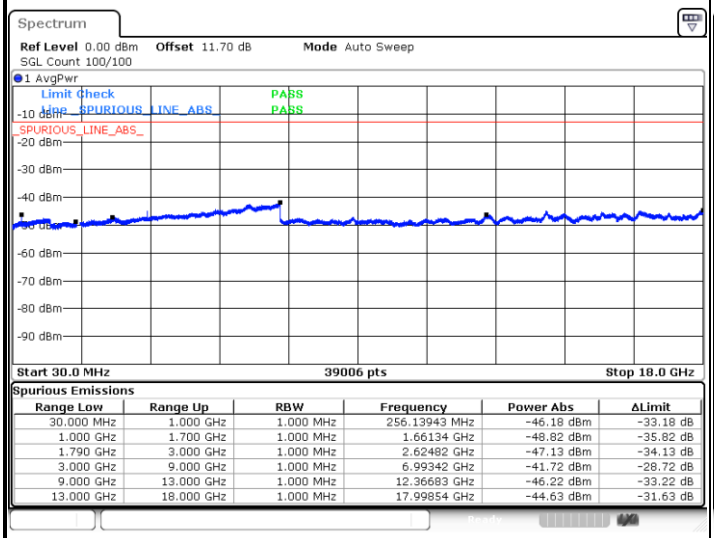


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.39 dBm	-33.39 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.36854 GHz	-48.86 dBm	-35.86 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.64539 GHz	-47.40 dBm	-34.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98392 GHz	-41.58 dBm	-28.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37833 GHz	-46.26 dBm	-33.26 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.97479 GHz	-44.82 dBm	-31.82 dB

Date: 15.MAR.2020 18:32:24

Highest Channel / QPSK

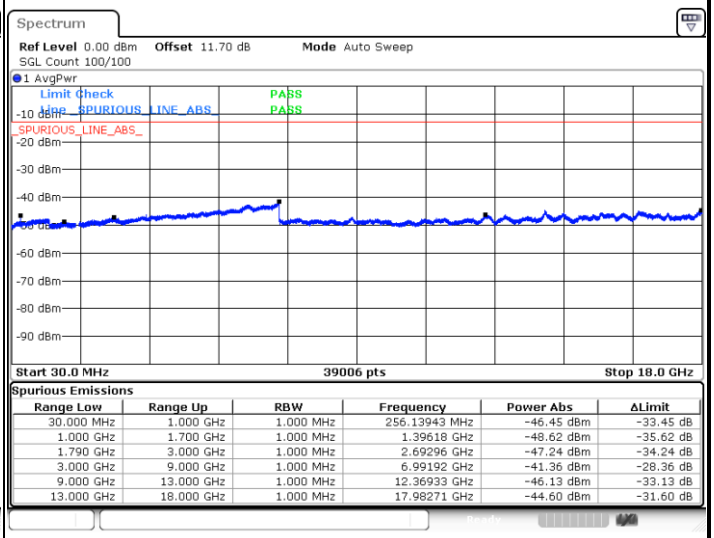


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.18 dBm	-33.18 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66134 GHz	-48.82 dBm	-35.82 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.62482 GHz	-47.13 dBm	-34.13 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99342 GHz	-41.72 dBm	-28.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36683 GHz	-46.22 dBm	-33.22 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99854 GHz	-44.63 dBm	-31.63 dB

Date: 15.MAR.2020 18:38:04

Highest Channel / 16QAM



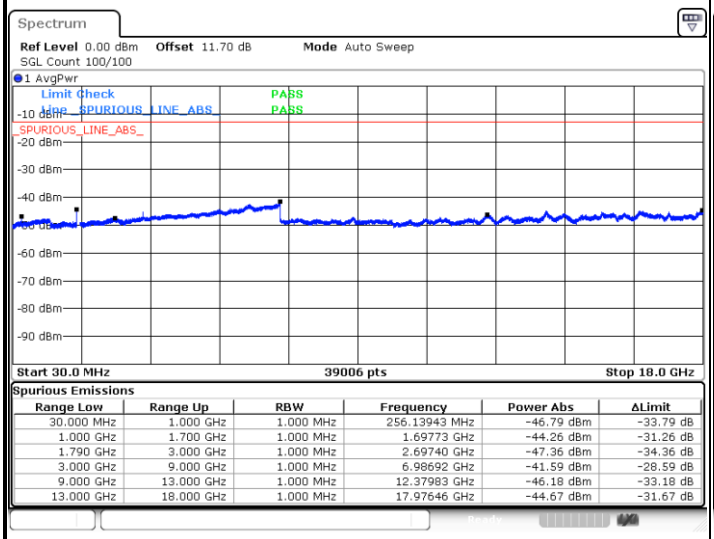
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.45 dBm	-33.45 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.39618 GHz	-48.62 dBm	-35.62 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.69296 GHz	-47.24 dBm	-34.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99192 GHz	-41.36 dBm	-28.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36933 GHz	-46.13 dBm	-33.13 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98271 GHz	-44.60 dBm	-31.60 dB

Date: 15.MAR.2020 18:38:54

LTE Band 66 / 15MHz

Lowest Channel / QPSK

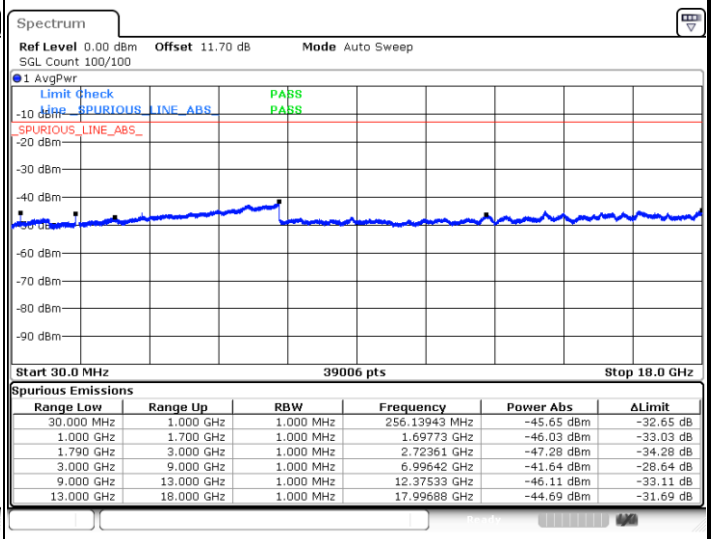


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.79 dBm	-33.79 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-44.26 dBm	-31.26 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.69740 GHz	-47.36 dBm	-34.36 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98692 GHz	-41.59 dBm	-28.59 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37983 GHz	-46.18 dBm	-33.18 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.97646 GHz	-44.67 dBm	-31.67 dB

Date: 15.MAR.2020 18:59:59

Lowest Channel / 16QAM

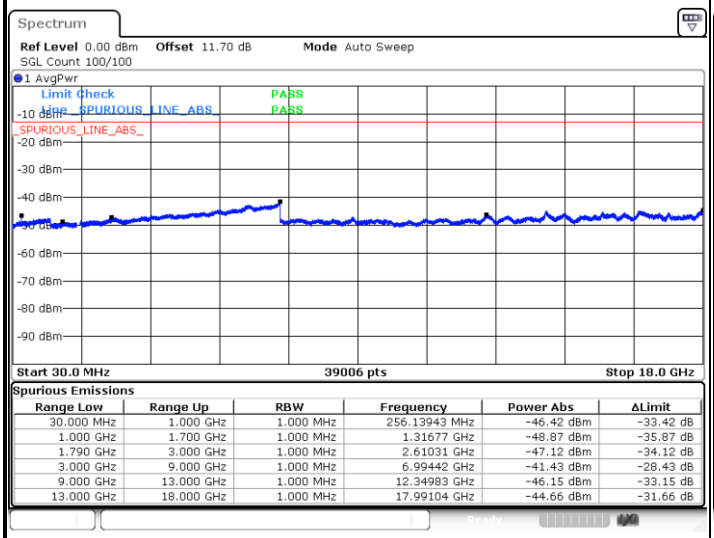


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-45.65 dBm	-32.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-46.03 dBm	-33.03 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.72361 GHz	-47.28 dBm	-34.28 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99642 GHz	-41.64 dBm	-28.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37533 GHz	-46.11 dBm	-33.11 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99688 GHz	-44.69 dBm	-31.69 dB

Date: 15.MAR.2020 19:00:49

Middle Channel / QPSK

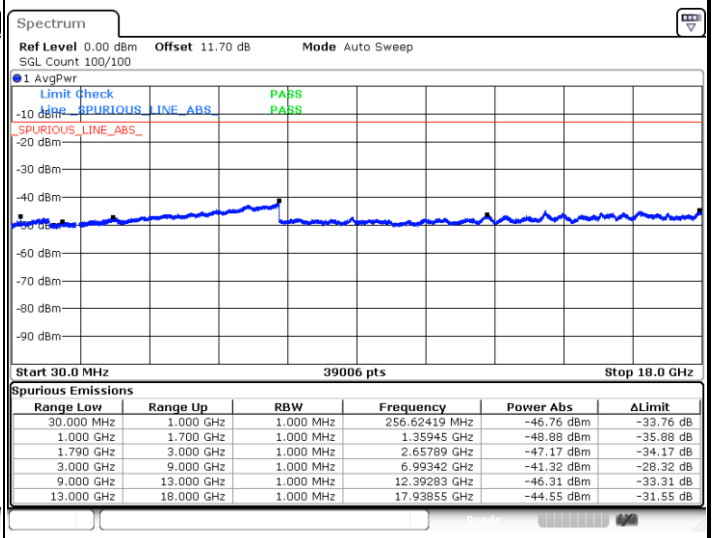


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.42 dBm	-33.42 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.31677 GHz	-48.87 dBm	-35.87 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.61031 GHz	-47.12 dBm	-34.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99442 GHz	-41.43 dBm	-28.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.34983 GHz	-46.15 dBm	-33.15 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99104 GHz	-44.66 dBm	-31.66 dB

Date: 15.MAR.2020 19:02:28

Middle Channel / 16QAM



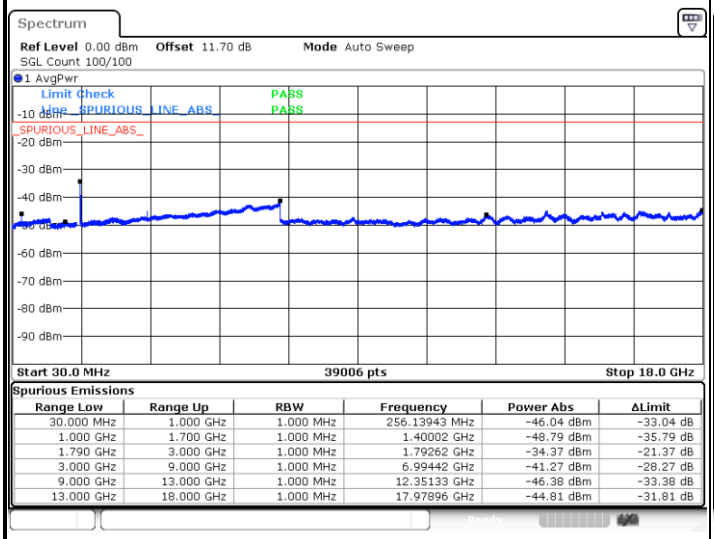
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.62419 MHz	-46.76 dBm	-33.76 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.35945 GHz	-48.88 dBm	-35.88 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.65789 GHz	-47.17 dBm	-34.17 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99342 GHz	-41.32 dBm	-28.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39283 GHz	-46.31 dBm	-33.31 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.93855 GHz	-44.55 dBm	-31.55 dB

Date: 15.MAR.2020 19:03:18

LTE Band 66 / 15MHz

Highest Channel / QPSK

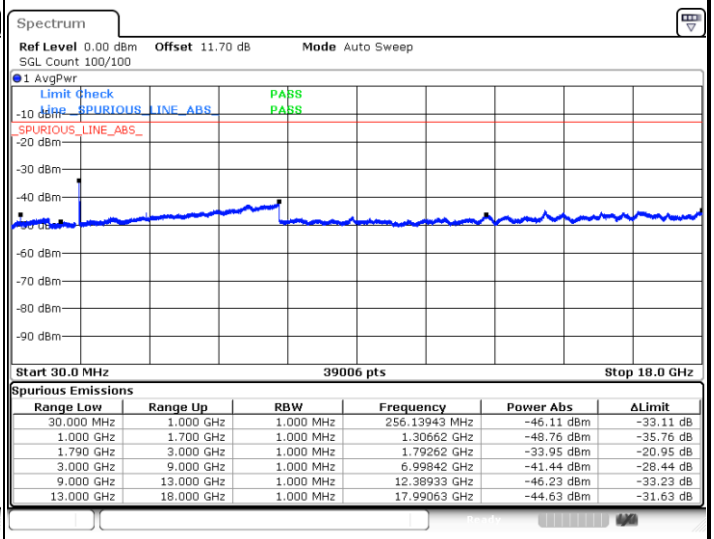


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.04 dBm	-33.04 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.40002 GHz	-48.79 dBm	-35.79 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79262 GHz	-34.37 dBm	-21.37 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99442 GHz	-41.27 dBm	-28.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.35133 GHz	-46.38 dBm	-33.38 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.97896 GHz	-44.81 dBm	-31.81 dB

Date: 15.MAR.2020 19:08:56

Highest Channel / 16QAM



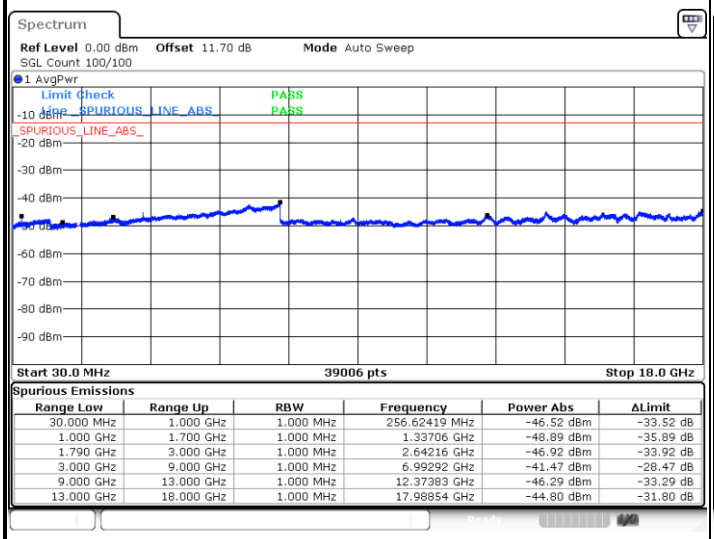
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.11 dBm	-33.11 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.30662 GHz	-48.76 dBm	-35.76 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79262 GHz	-33.95 dBm	-20.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99842 GHz	-41.44 dBm	-28.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.38933 GHz	-46.23 dBm	-33.23 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99063 GHz	-44.63 dBm	-31.63 dB

Date: 15.MAR.2020 19:09:45

LTE Band 66 / 20MHz

Lowest Channel / QPSK

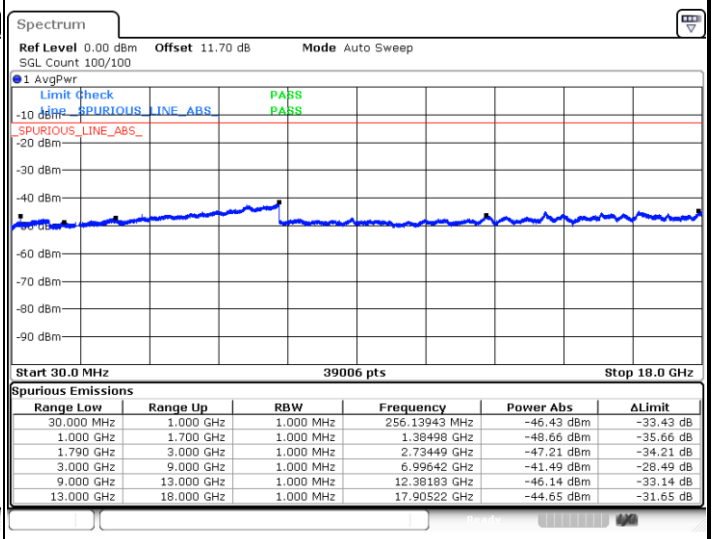


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.62419 MHz	-46.52 dBm	-33.52 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.33706 GHz	-48.89 dBm	-35.89 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.64216 GHz	-46.92 dBm	-33.92 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99292 GHz	-41.47 dBm	-28.47 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37383 GHz	-46.29 dBm	-33.29 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98854 GHz	-44.80 dBm	-31.80 dB

Date: 15.MAR.2020 20:25:33

Lowest Channel / 16QAM



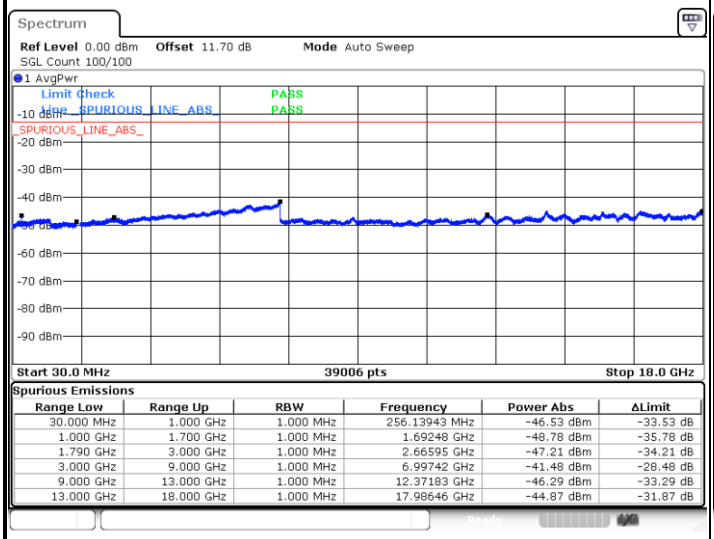
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.43 dBm	-33.43 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.38498 GHz	-48.66 dBm	-35.66 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.73449 GHz	-47.21 dBm	-34.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99642 GHz	-41.49 dBm	-28.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.38183 GHz	-46.14 dBm	-33.14 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.90522 GHz	-44.65 dBm	-31.65 dB

Date: 15.MAR.2020 20:26:23

LTE Band 66 / 20MHz

Middle Channel / QPSK

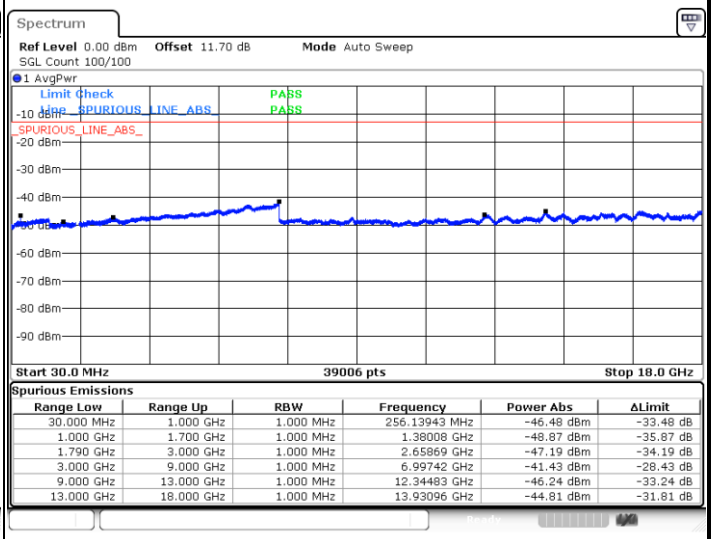


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.53 dBm	-33.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69248 GHz	-48.78 dBm	-35.78 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.66595 GHz	-47.21 dBm	-34.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99742 GHz	-41.48 dBm	-28.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37183 GHz	-46.29 dBm	-33.29 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98646 GHz	-44.87 dBm	-31.87 dB

Date: 15.MAR.2020 20:28:02

Middle Channel / 16QAM

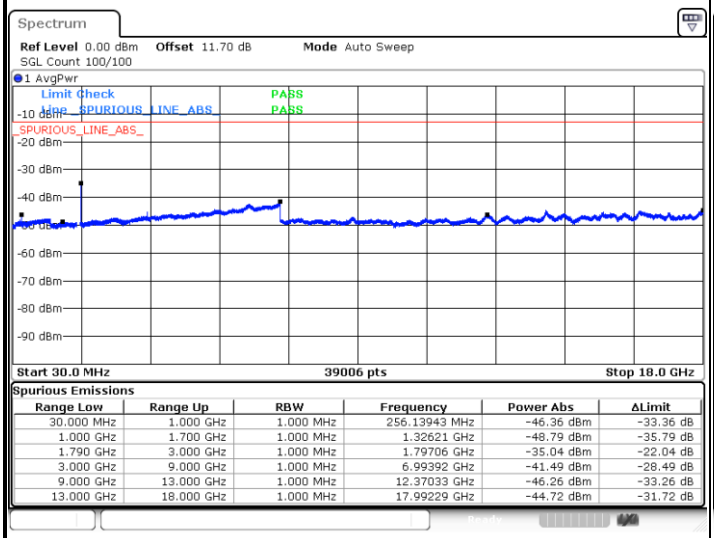


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.48 dBm	-33.48 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.38008 GHz	-48.87 dBm	-35.87 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.65869 GHz	-47.19 dBm	-34.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99742 GHz	-41.43 dBm	-28.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.34483 GHz	-46.24 dBm	-33.24 dB
13.000 GHz	18.000 GHz	1.000 MHz	13.93096 GHz	-44.81 dBm	-31.81 dB

Date: 15.MAR.2020 20:28:52

Highest Channel / QPSK

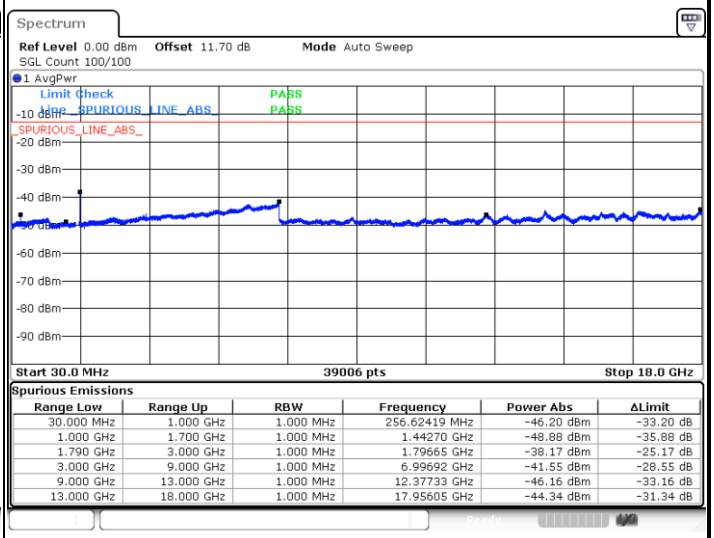


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.13943 MHz	-46.36 dBm	-33.36 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.32621 GHz	-48.79 dBm	-35.79 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79706 GHz	-35.04 dBm	-22.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99392 GHz	-41.49 dBm	-28.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37033 GHz	-46.26 dBm	-33.26 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99229 GHz	-44.72 dBm	-31.72 dB

Date: 15.MAR.2020 20:34:30

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	256.62419 MHz	-46.20 dBm	-33.20 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.44270 GHz	-48.88 dBm	-35.88 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79665 GHz	-38.17 dBm	-25.17 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99692 GHz	-41.55 dBm	-28.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37733 GHz	-46.16 dBm	-33.16 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.95605 GHz	-44.34 dBm	-31.34 dB

Date: 15.MAR.2020 20:35:20

Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0061	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0057	
0	Normal Voltage	0.0085	
-10	Normal Voltage	0.0044	
-20	Normal Voltage	0.0030	
-30	Normal Voltage	0.0096	
20	Maximum Voltage	0.0042	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0039	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

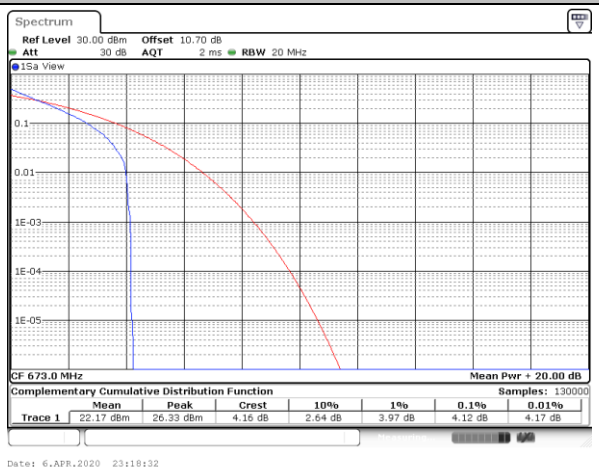
LTE Band 71

Peak-to-Average Ratio

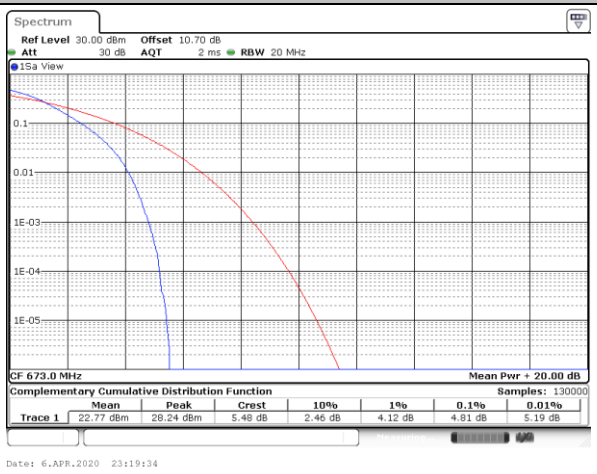
Mode	LTE Band 71 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.12	4.81	4.93	5.71	PASS
Middle CH	4.32	4.64	5.45	5.77	
Highest CH	4.49	4.87	5.01	5.83	

LTE Band 71 / 20MHz / QPSK

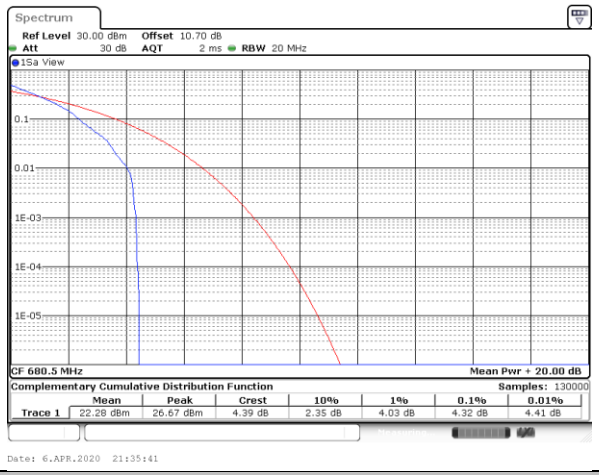
Lowest Channel / 1RB



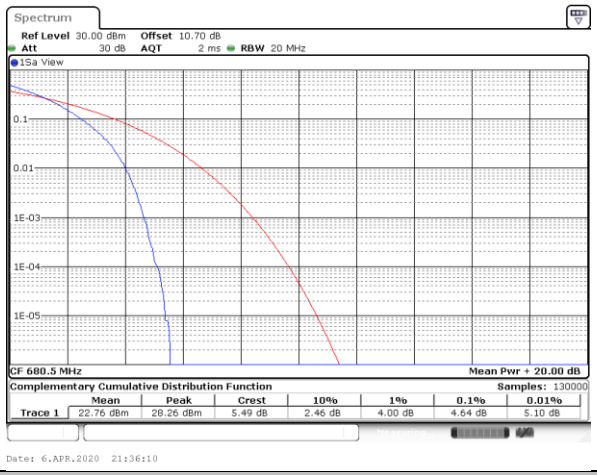
Lowest Channel / Full RB



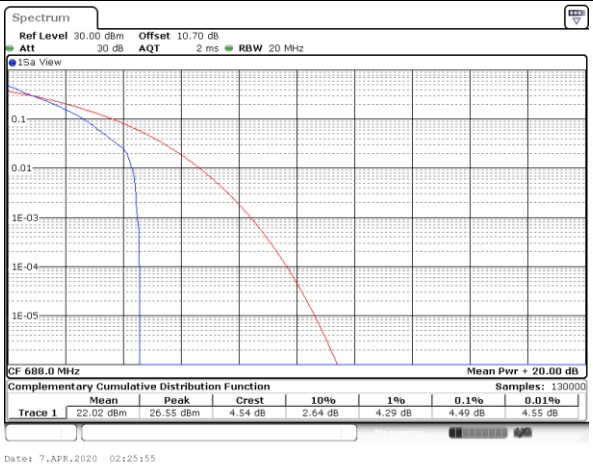
Middle Channel / 1RB



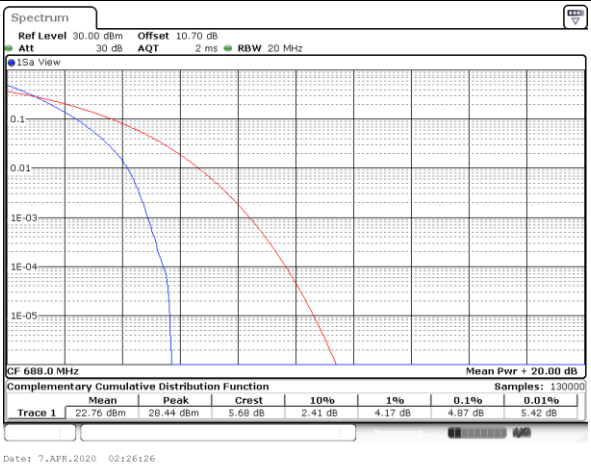
Middle Channel / Full RB



Highest Channel / 1RB

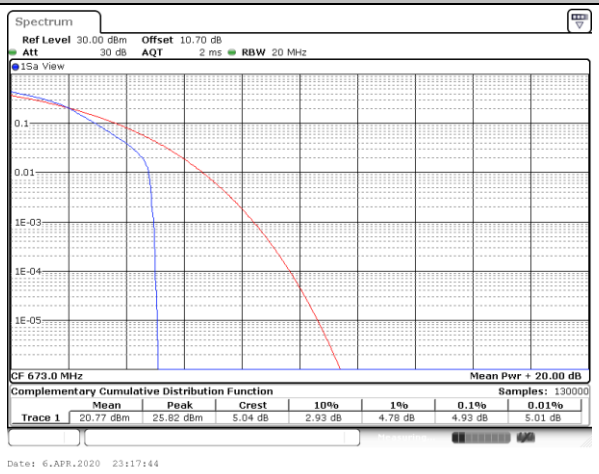


Highest Channel / Full RB

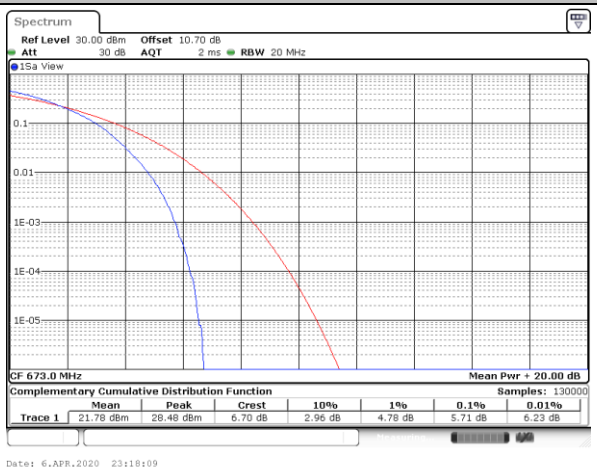


LTE Band 71 / 20MHz / 16QAM

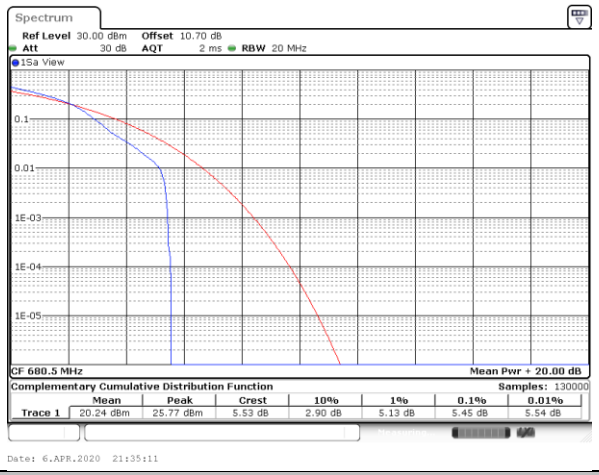
Lowest Channel / 1RB



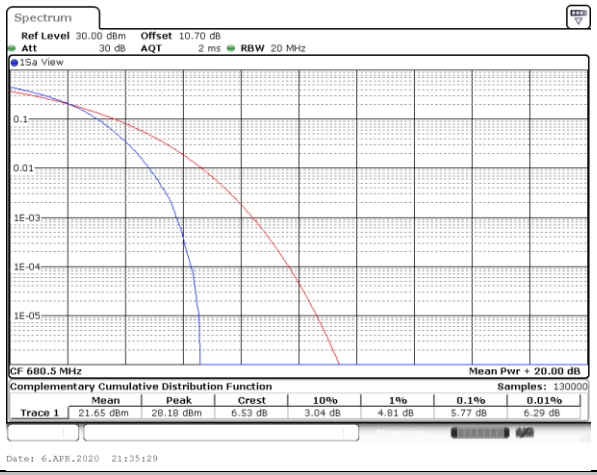
Lowest Channel / Full RB



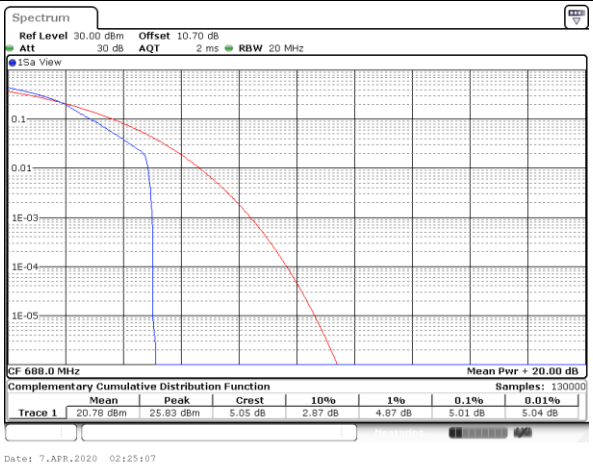
Middle Channel / 1RB



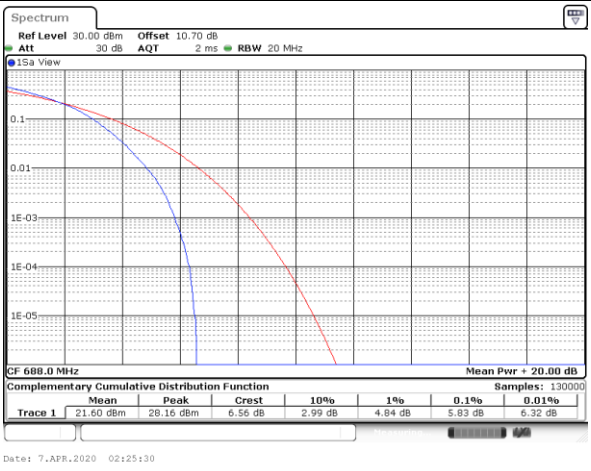
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

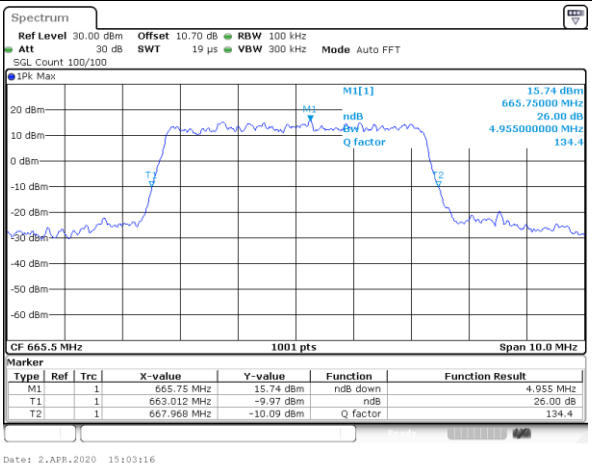


26dB Bandwidth

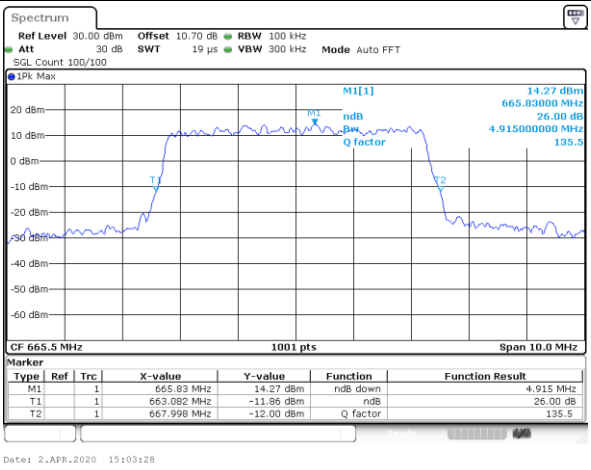
Mode	LTE Band 71 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.96	4.92	9.79	9.69	14.45	14.51	18.82	18.86
Middle CH	-	-	-	-	4.88	5.04	9.71	9.59	14.48	14.42	19.22	18.98
Highest CH	-	-	-	-	4.86	4.91	9.75	9.73	14.42	14.21	18.98	19.10

LTE Band 71

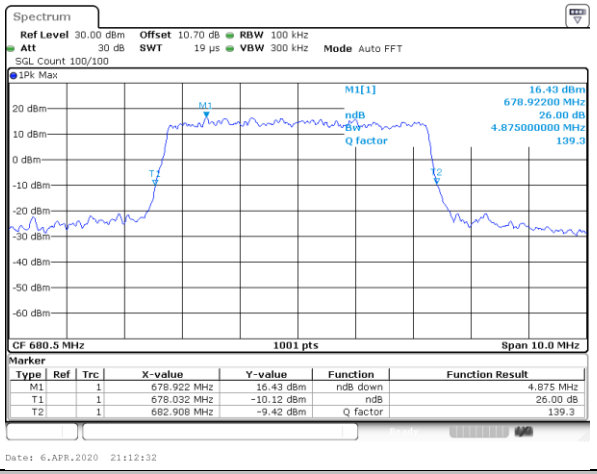
Lowest Channel / 5MHz / QPSK



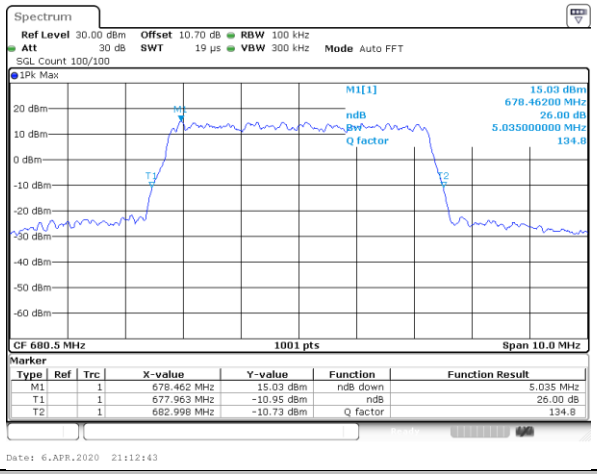
Lowest Channel / 5MHz / 16QAM



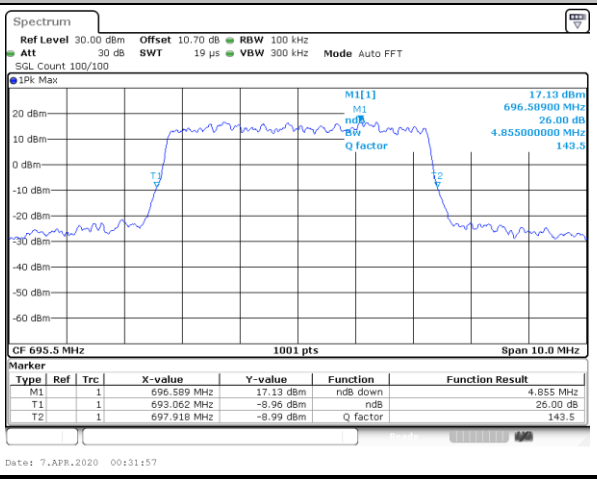
Middle Channel / 5MHz / QPSK



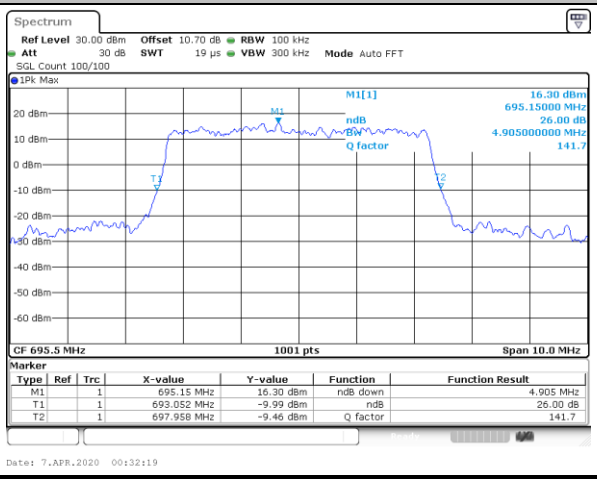
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

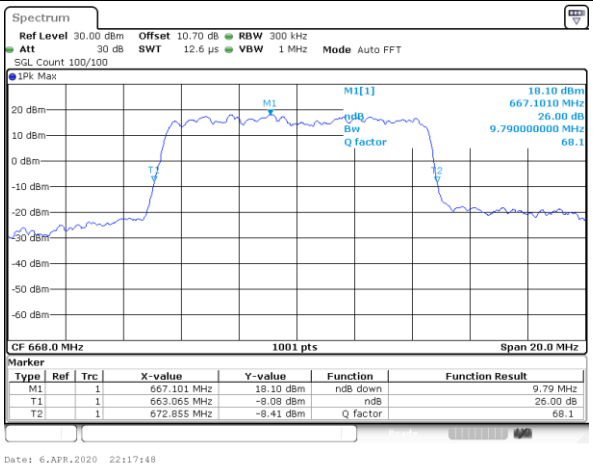


Highest Channel / 5MHz / 16QAM

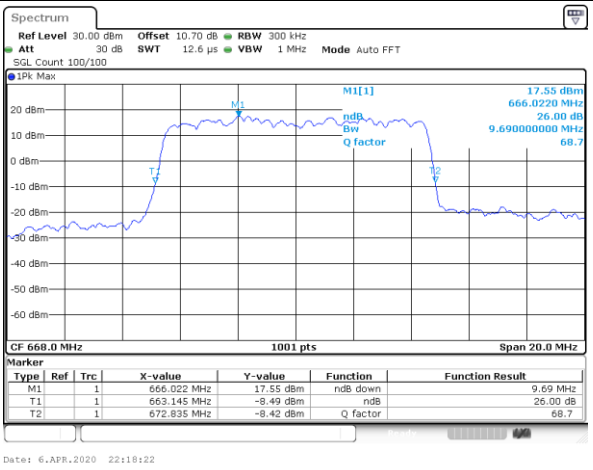


LTE Band 71

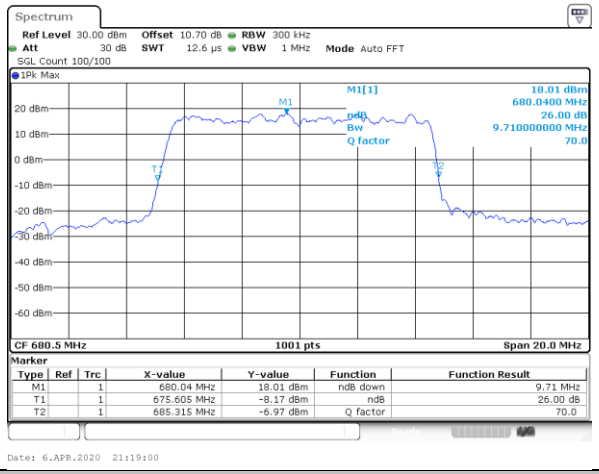
Lowest Channel / 10MHz / QPSK



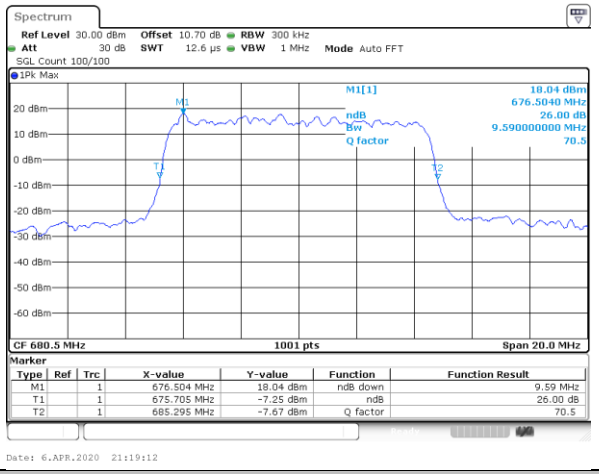
Lowest Channel / 10MHz / 16QAM



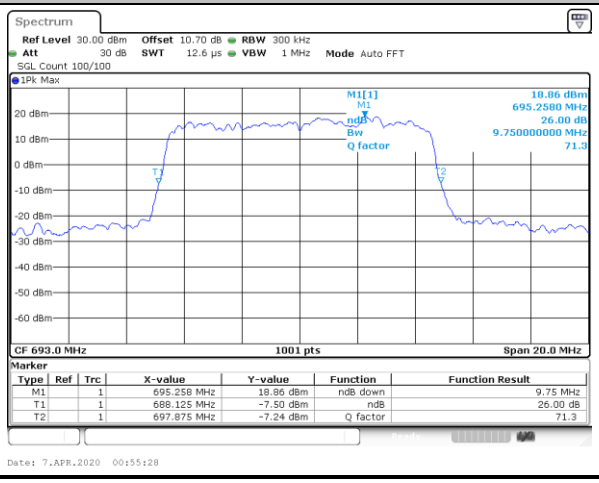
Middle Channel / 10MHz / QPSK



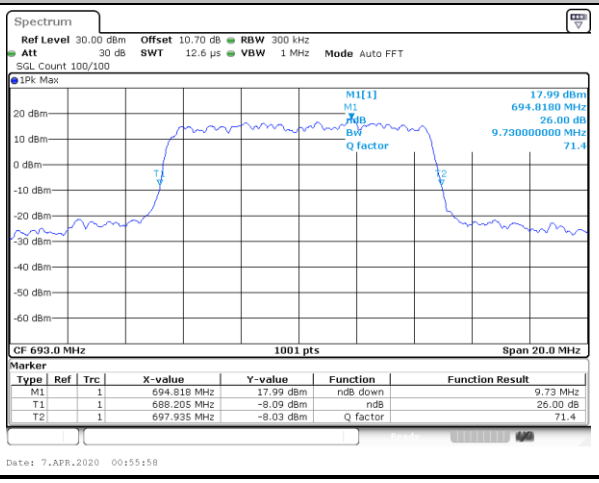
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

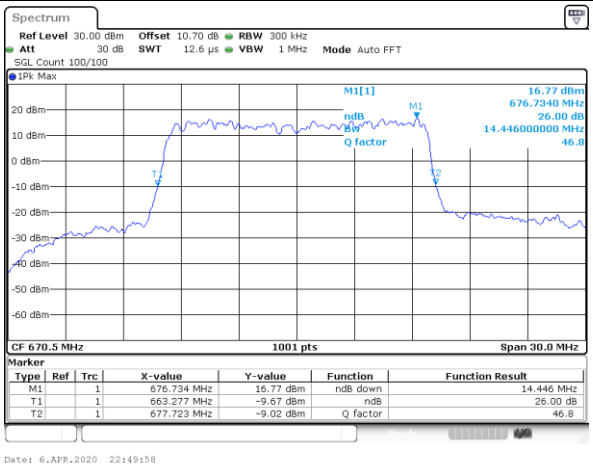


Highest Channel / 10MHz / 16QAM

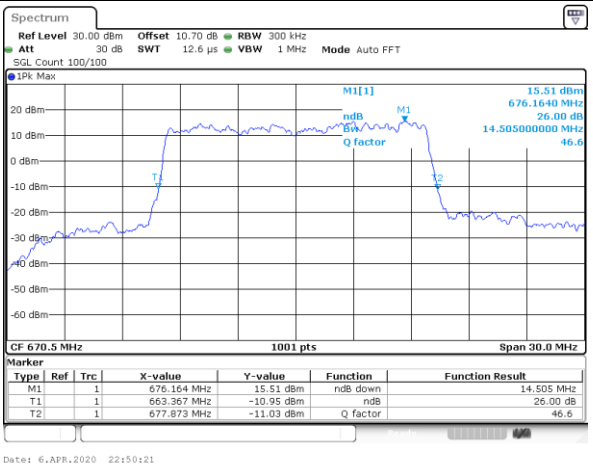


LTE Band 71

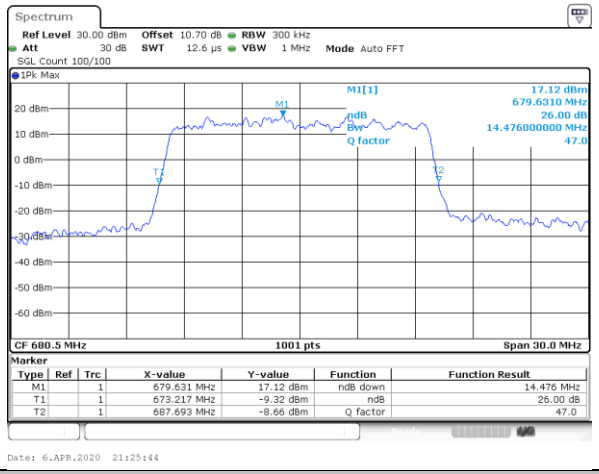
Lowest Channel / 15MHz / QPSK



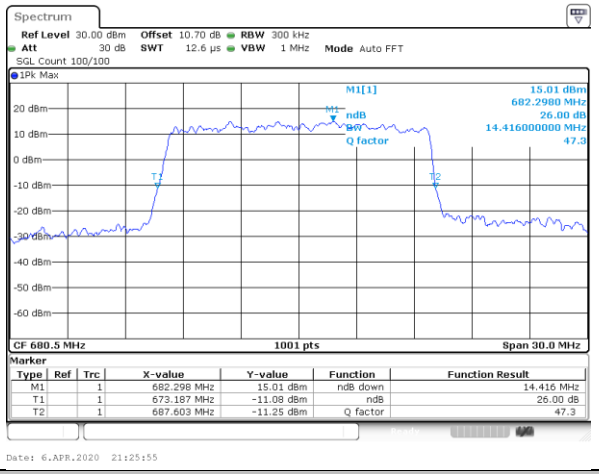
Lowest Channel / 15MHz / 16QAM



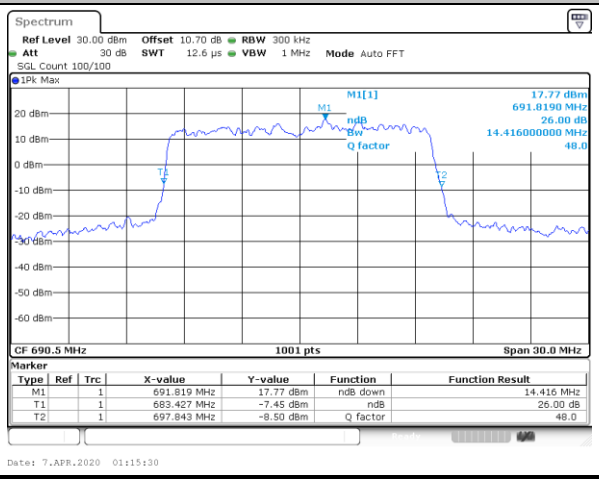
Middle Channel / 15MHz / QPSK



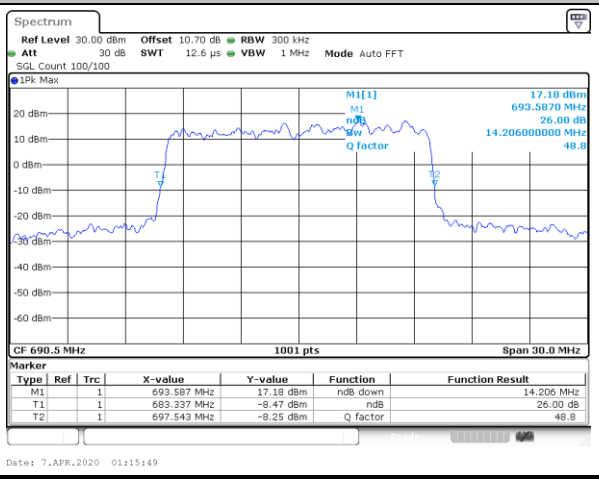
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

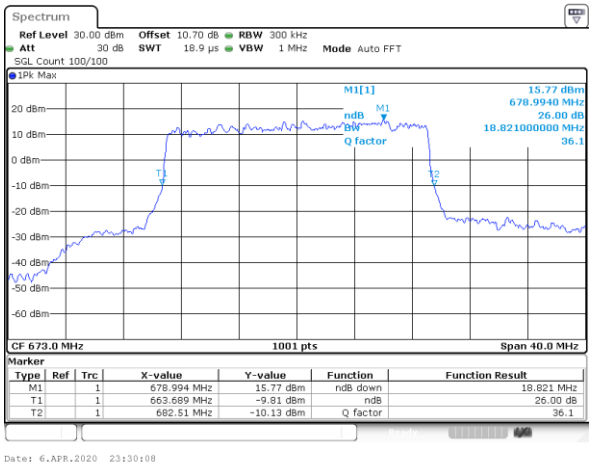


Highest Channel / 15MHz / 16QAM

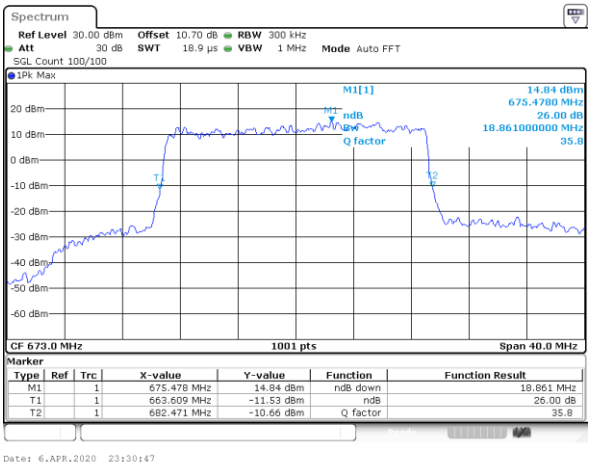


LTE Band 71

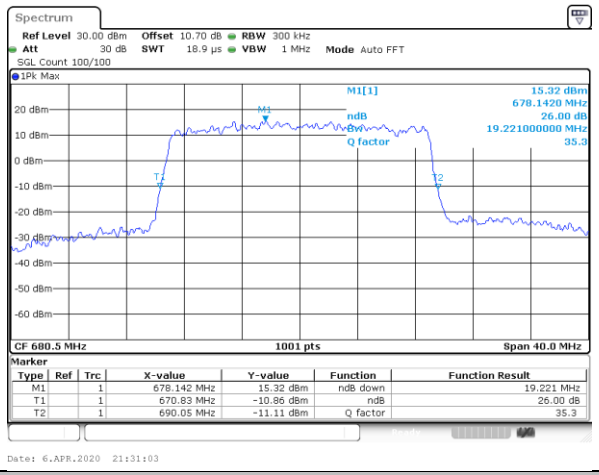
Lowest Channel / 20MHz / QPSK



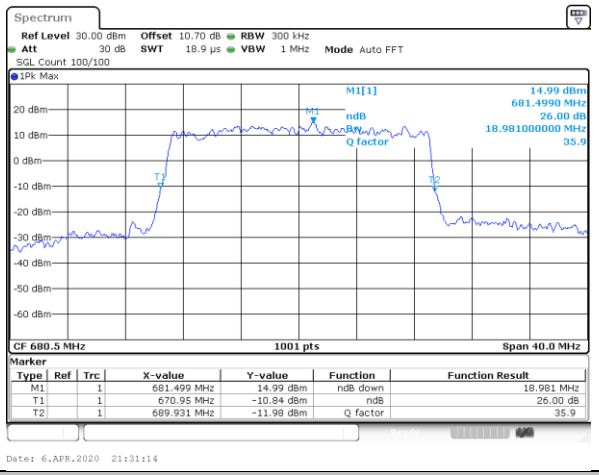
Lowest Channel / 20MHz / 16QAM



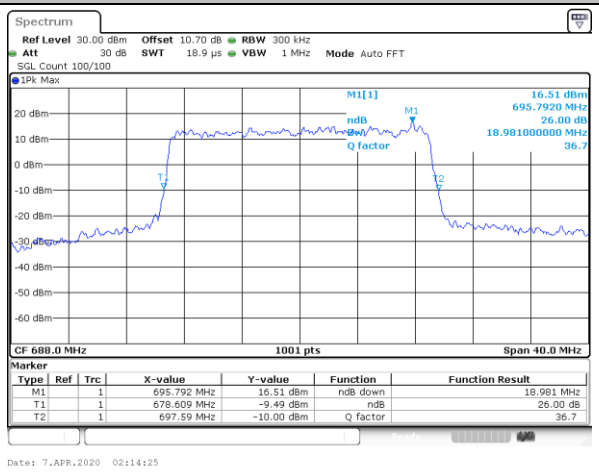
Middle Channel / 20MHz / QPSK



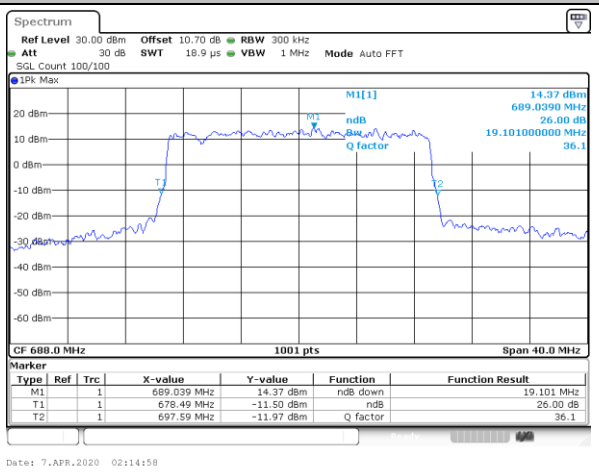
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

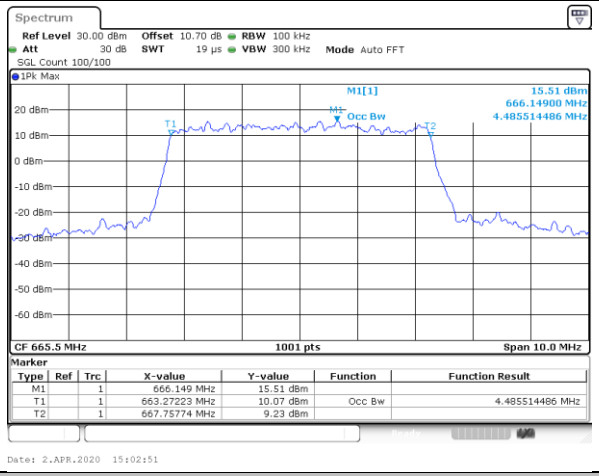


Occupied Bandwidth

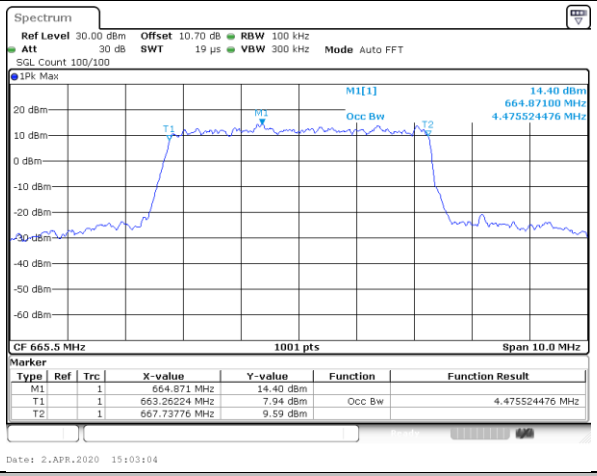
Mode	LTE Band 71 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.48	9.05	8.93	13.40	13.37	17.82	17.78
Middle CH	-	-	-	-	4.51	4.48	8.97	8.99	13.34	13.46	17.86	17.74
Highest CH	-	-	-	-	4.53	4.48	9.03	9.01	13.52	13.52	17.90	17.90

LTE Band 71

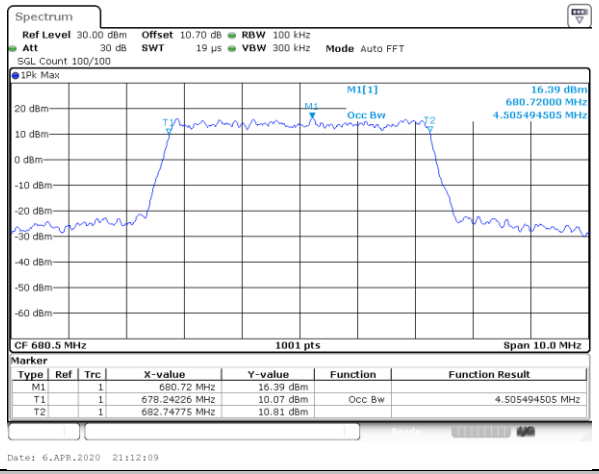
Lowest Channel / 5MHz / QPSK



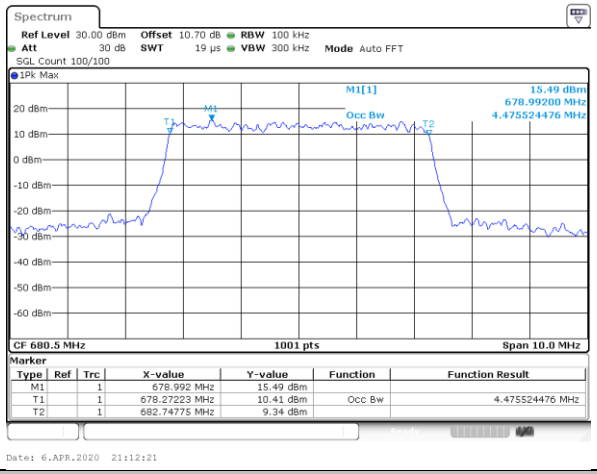
Lowest Channel / 5MHz / 16QAM



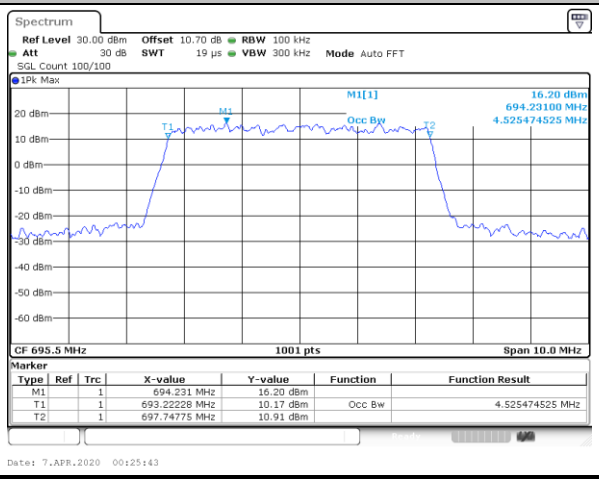
Middle Channel / 5MHz / QPSK



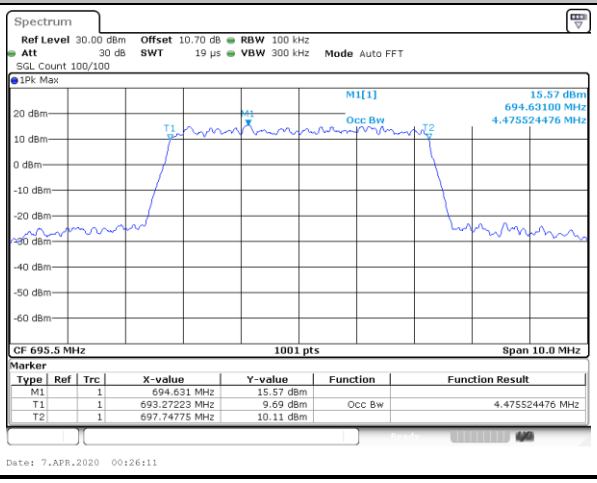
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

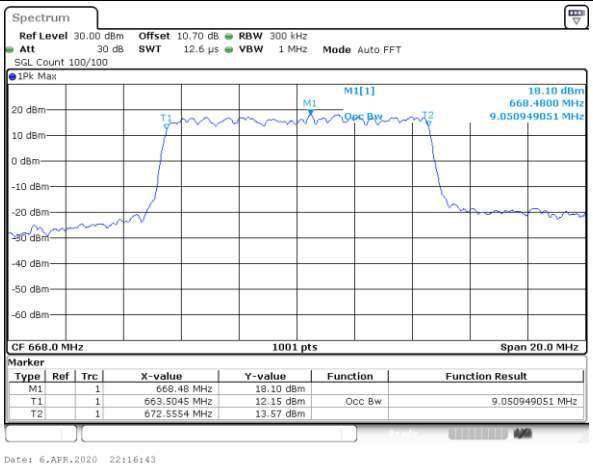


Highest Channel / 5MHz / 16QAM

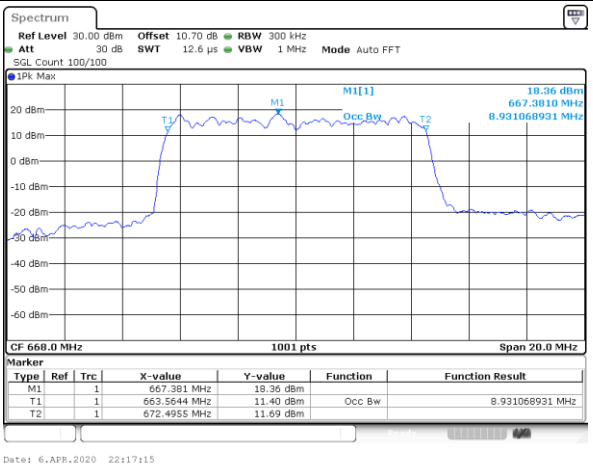


LTE Band 71

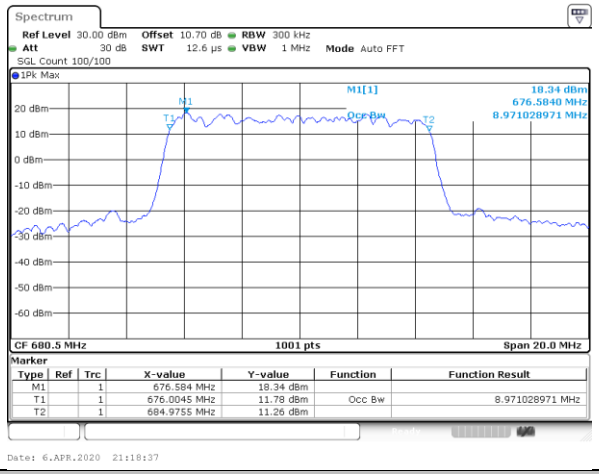
Lowest Channel / 10MHz / QPSK



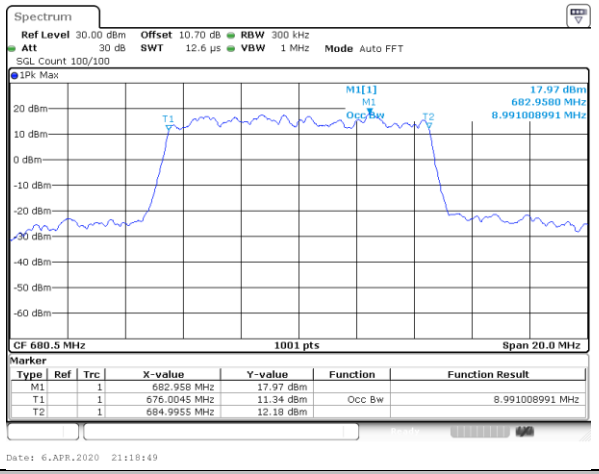
Lowest Channel / 10MHz / 16QAM



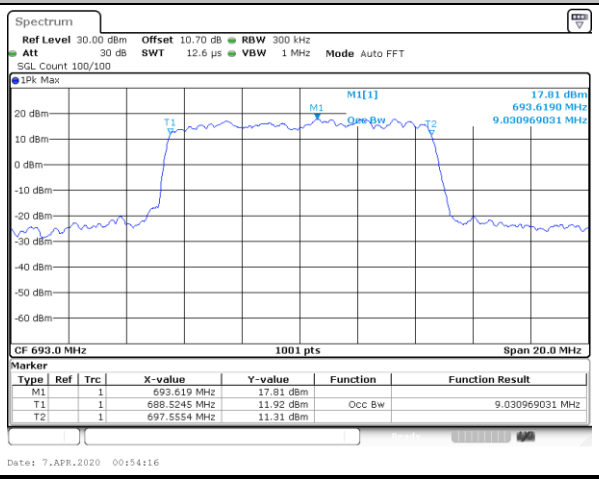
Middle Channel / 10MHz / QPSK



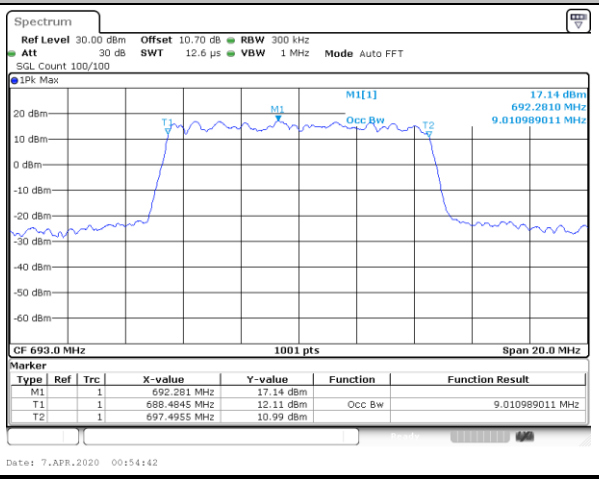
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

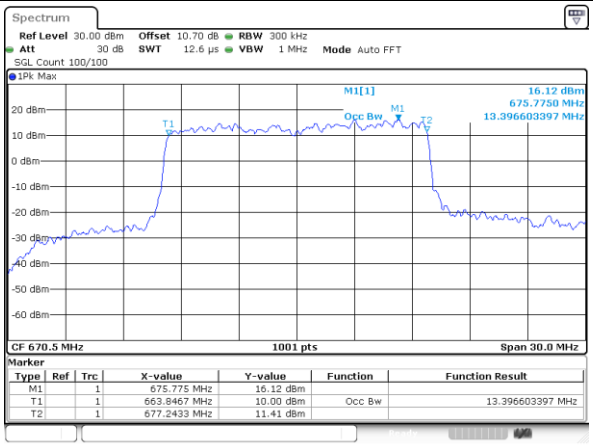


Highest Channel / 10MHz / 16QAM

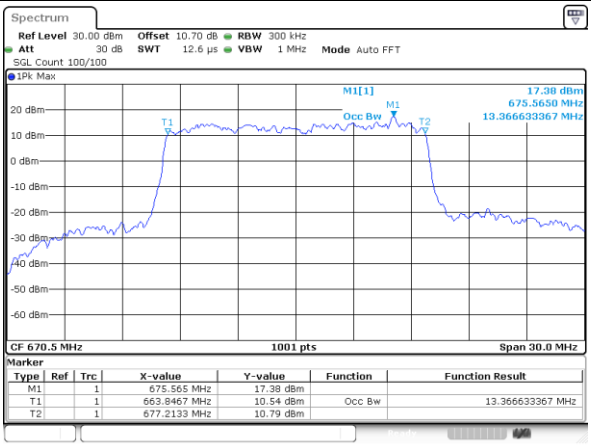


LTE Band 71

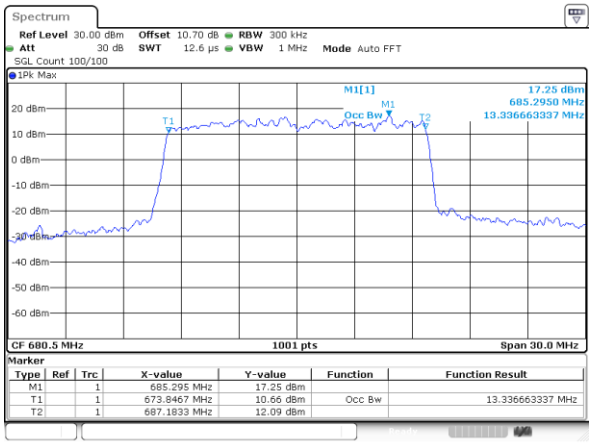
Lowest Channel / 15MHz / QPSK



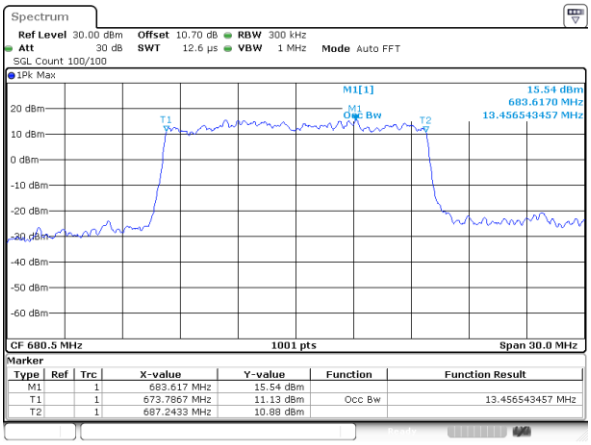
Lowest Channel / 15MHz / 16QAM



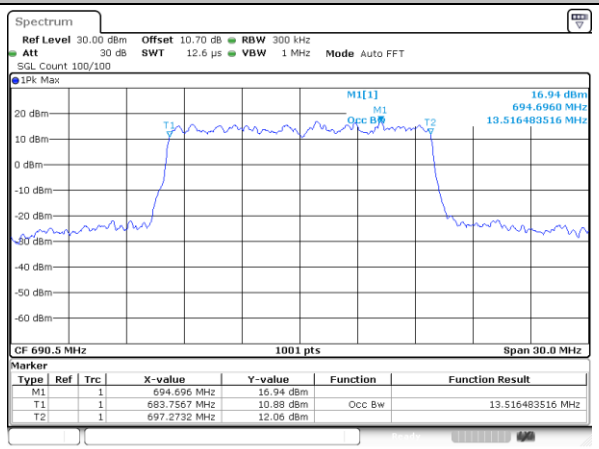
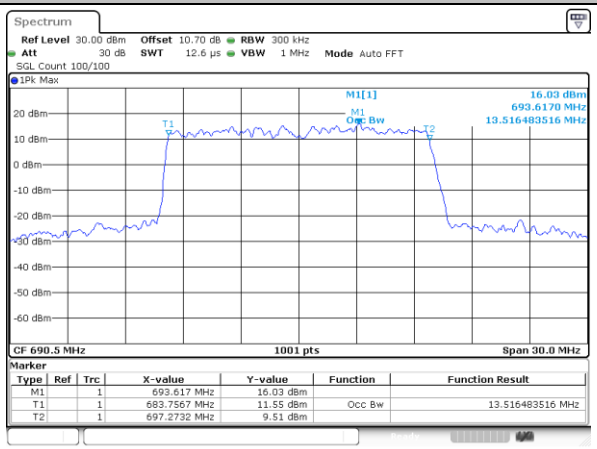
Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



Highest Channel / 15MHz / 16QAM