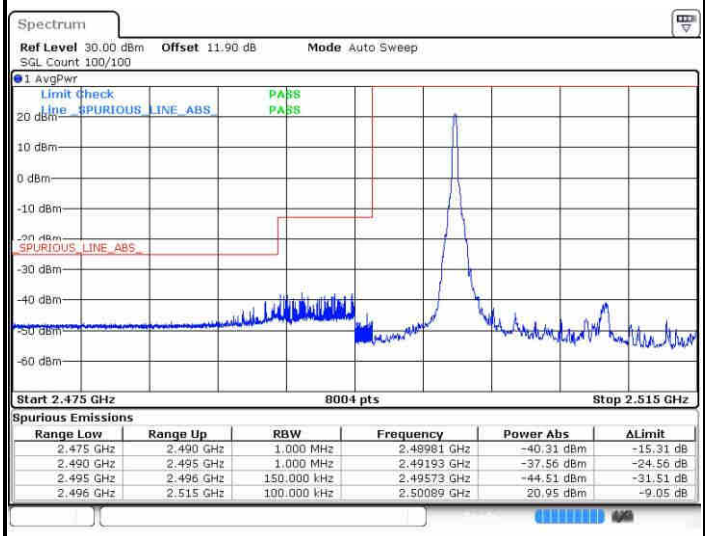
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

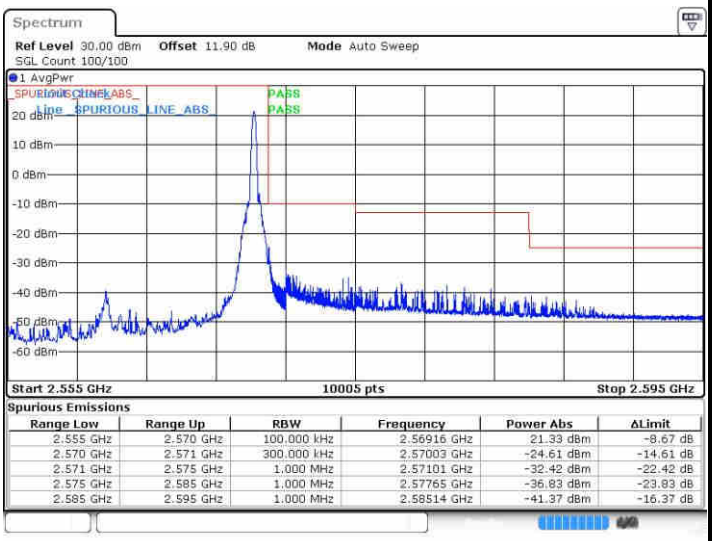


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48981 GHz	-40.31 dBm	-15.31 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49193 GHz	-37.56 dBm	-24.56 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49573 GHz	-44.51 dBm	-31.51 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50089 GHz	20.95 dBm	-9.05 dB

Date: 12.APR.2019 09:17:24

Highest Band Edge / 1 RB

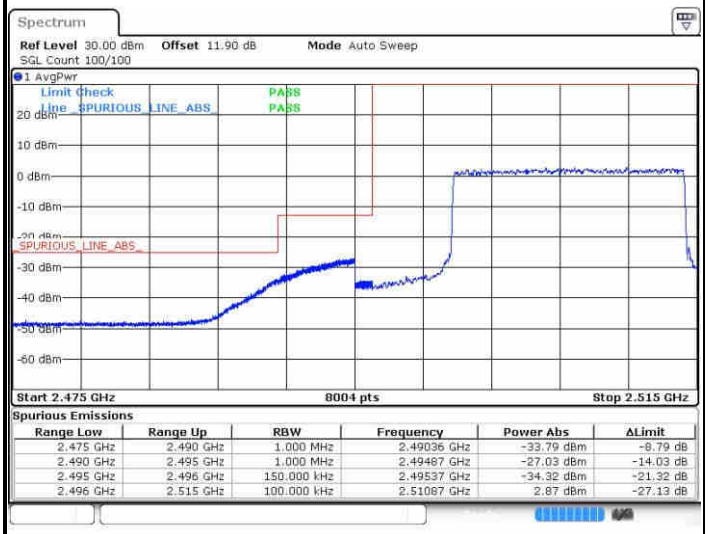


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	21.33 dBm	-8.67 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57003 GHz	-24.61 dBm	-14.61 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-32.42 dBm	-22.42 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57765 GHz	-36.83 dBm	-23.83 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58514 GHz	-41.37 dBm	-16.37 dB

Date: 12.APR.2019 09:24:03

Lowest Band Edge / Full RB

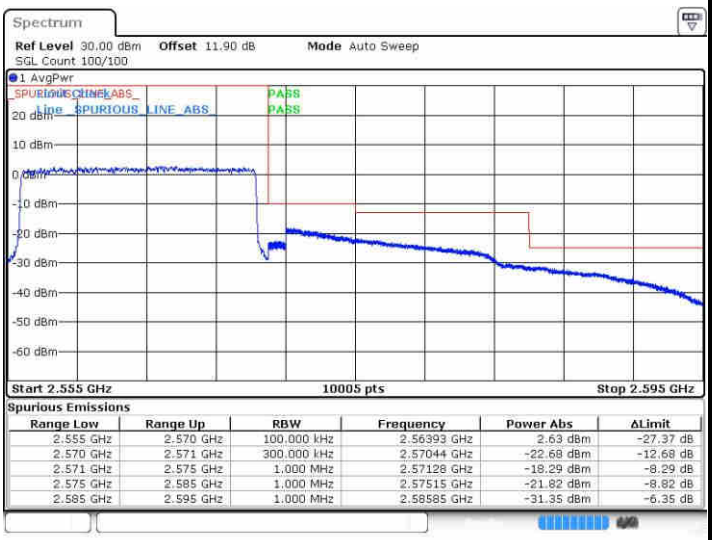


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49036 GHz	-33.79 dBm	-8.79 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49487 GHz	-27.03 dBm	-14.03 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49537 GHz	-34.32 dBm	-21.32 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51087 GHz	2.87 dBm	-27.13 dB

Date: 12.APR.2019 09:18:27

Highest Band Edge / Full RB



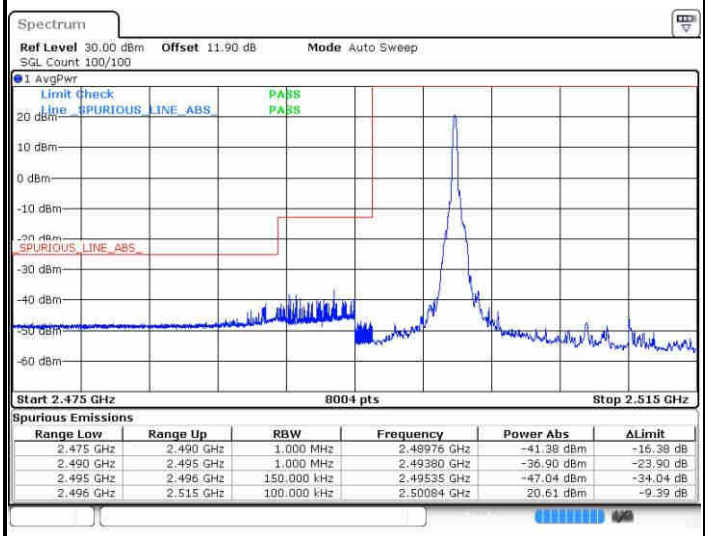
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56393 GHz	2.63 dBm	-27.37 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57044 GHz	-22.68 dBm	-12.68 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57128 GHz	-18.29 dBm	-8.29 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57515 GHz	-21.82 dBm	-8.82 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58585 GHz	-31.35 dBm	-6.35 dB

Date: 12.APR.2019 09:25:06

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

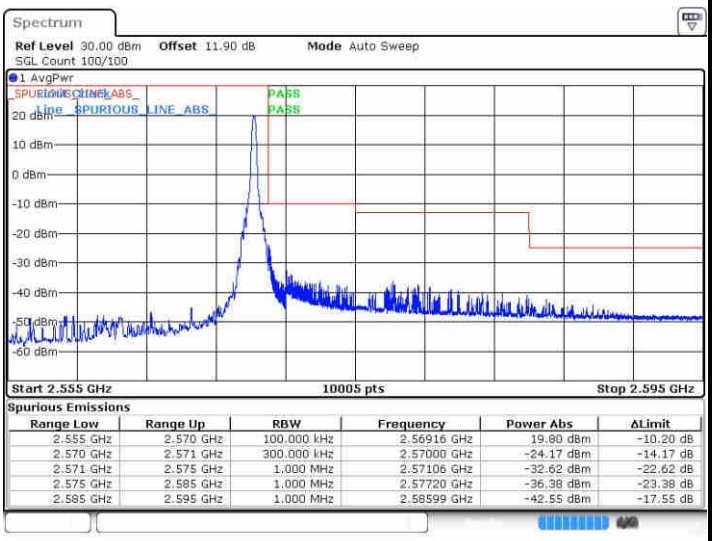


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48976 GHz	-41.38 dBm	-16.38 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49380 GHz	-36.90 dBm	-23.90 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49535 GHz	-47.04 dBm	-34.04 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50084 GHz	20.61 dBm	-9.39 dB

Date: 12.APR.2019 09:17:56

Highest Band Edge / 1 RB

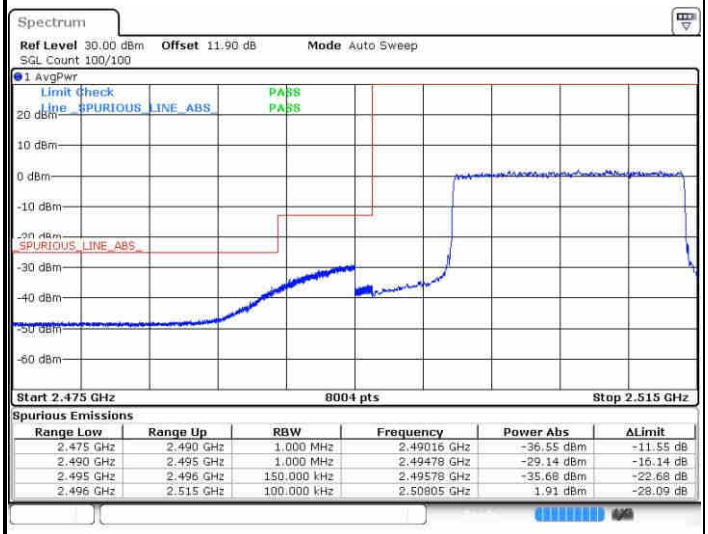


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	19.80 dBm	-10.20 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-24.17 dBm	-14.17 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57106 GHz	-32.62 dBm	-22.62 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57720 GHz	-36.38 dBm	-23.38 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58599 GHz	-42.55 dBm	-17.55 dB

Date: 12.APR.2019 09:24:34

Lowest Band Edge / Full RB

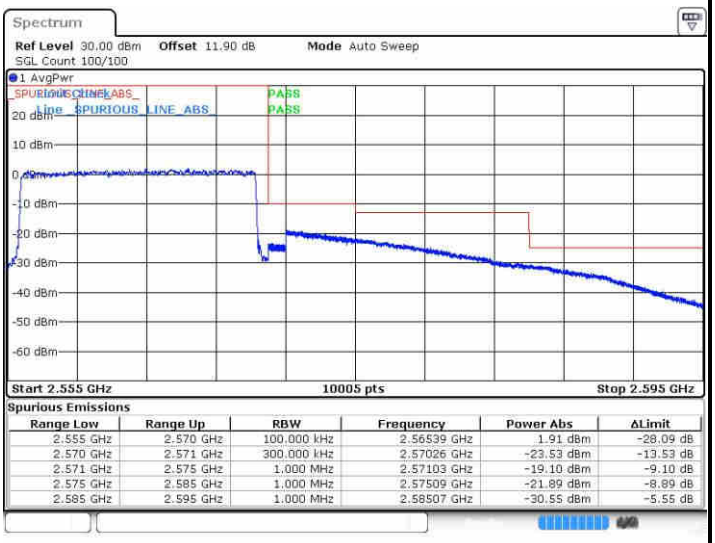


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49016 GHz	-36.55 dBm	-11.55 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49478 GHz	-29.14 dBm	-16.14 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49578 GHz	-35.68 dBm	-22.68 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50805 GHz	1.91 dBm	-28.09 dB

Date: 12.APR.2019 09:18:59

Highest Band Edge / Full RB



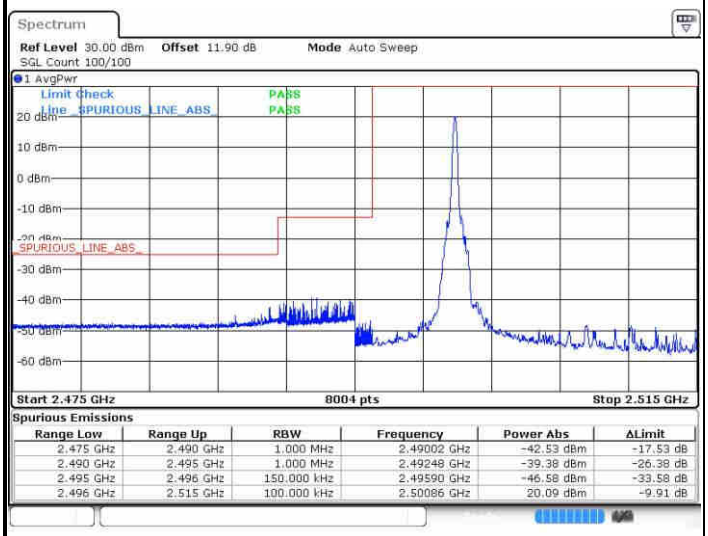
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56539 GHz	1.91 dBm	-28.09 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57026 GHz	-23.53 dBm	-13.53 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-19.10 dBm	-9.10 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57509 GHz	-21.89 dBm	-8.89 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58507 GHz	-30.55 dBm	-5.55 dB

Date: 12.APR.2019 09:25:38

LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

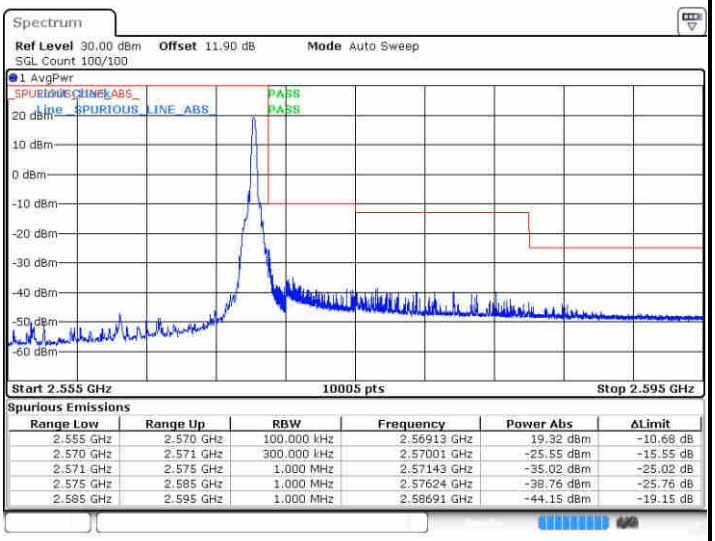


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49002 GHz	-42.53 dBm	-17.53 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49248 GHz	-39.38 dBm	-26.38 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49590 GHz	-46.58 dBm	-33.58 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50086 GHz	20.09 dBm	-9.91 dB

Date: 12.APR.2019 09:28:03

Highest Band Edge / 1 RB

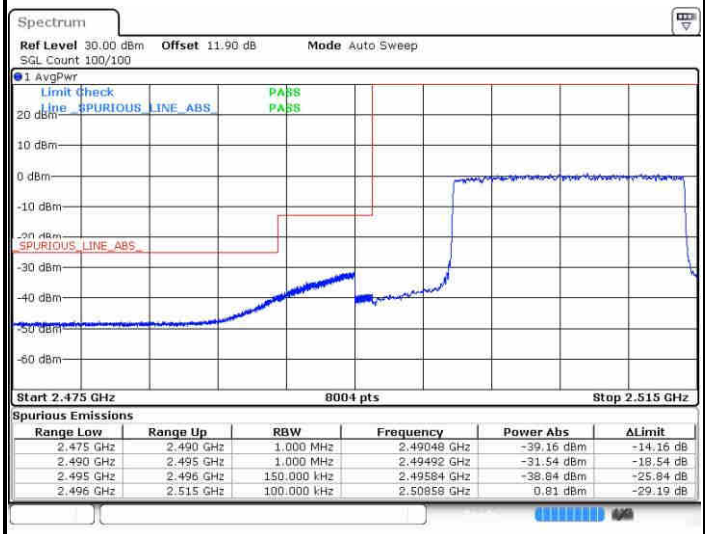


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56913 GHz	19.32 dBm	-10.68 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-25.55 dBm	-15.55 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57143 GHz	-35.02 dBm	-25.02 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57624 GHz	-38.76 dBm	-25.76 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58691 GHz	-44.15 dBm	-19.15 dB

Date: 12.APR.2019 09:31:23

Lowest Band Edge / Full RB

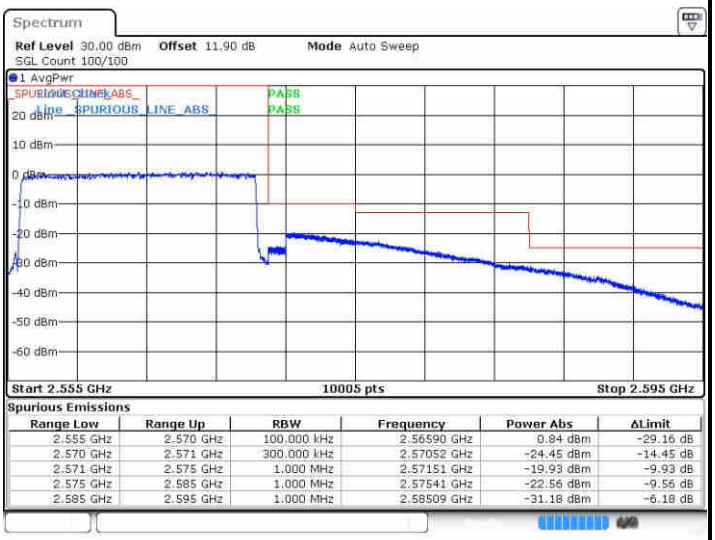


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-39.16 dBm	-14.16 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49492 GHz	-31.54 dBm	-18.54 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49584 GHz	-38.84 dBm	-25.84 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50858 GHz	0.81 dBm	-29.19 dB

Date: 12.APR.2019 09:28:35

Highest Band Edge / Full RB



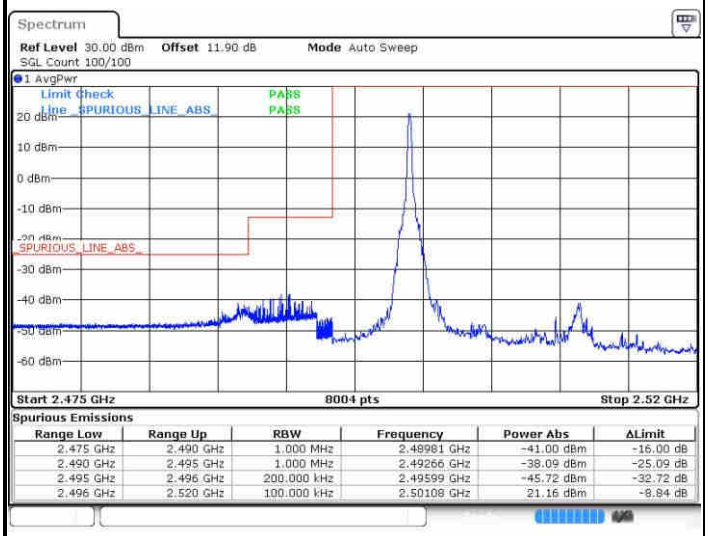
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56590 GHz	0.84 dBm	-29.16 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57052 GHz	-24.45 dBm	-14.45 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57151 GHz	-19.93 dBm	-9.93 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57541 GHz	-22.56 dBm	-9.56 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58509 GHz	-31.18 dBm	-6.18 dB

Date: 12.APR.2019 09:31:55

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

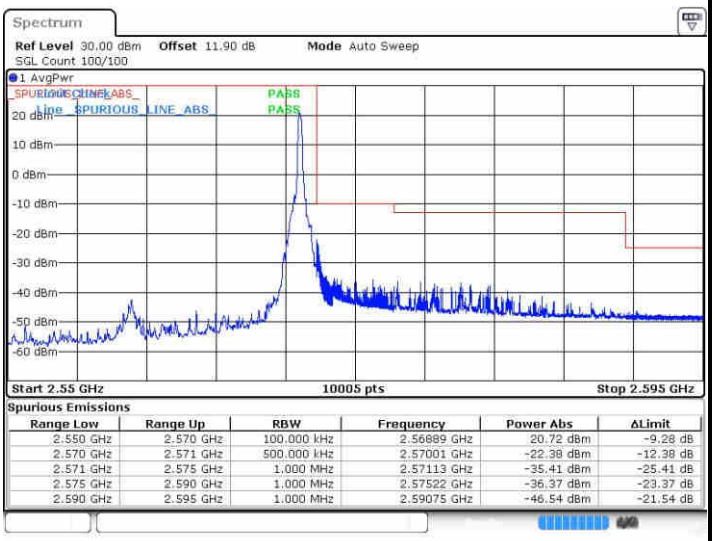


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48981 GHz	-41.00 dBm	-16.00 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49266 GHz	-38.09 dBm	-25.09 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49599 GHz	-45.72 dBm	-32.72 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50108 GHz	21.16 dBm	-8.84 dB

Date: 12.APR.2019 09:39:17

Highest Band Edge / 1 RB

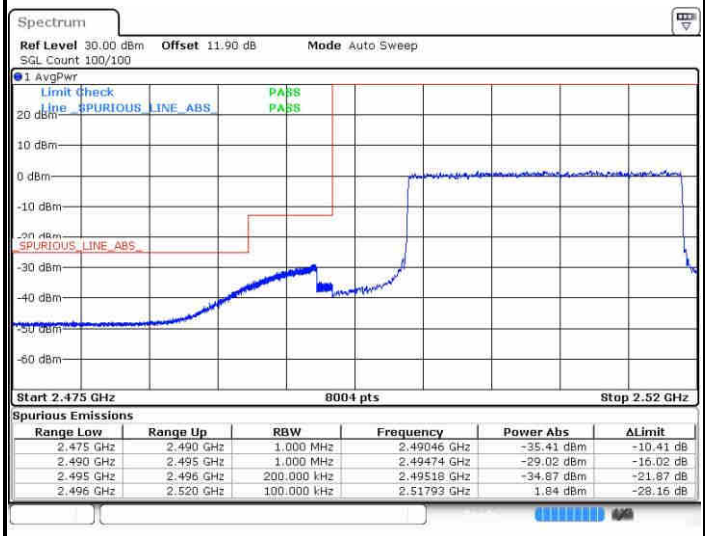


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56889 GHz	20.72 dBm	-9.28 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-22.38 dBm	-12.38 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57113 GHz	-35.41 dBm	-25.41 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57522 GHz	-36.37 dBm	-23.37 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59075 GHz	-46.54 dBm	-21.54 dB

Date: 12.APR.2019 09:45:54

Lowest Band Edge / Full RB

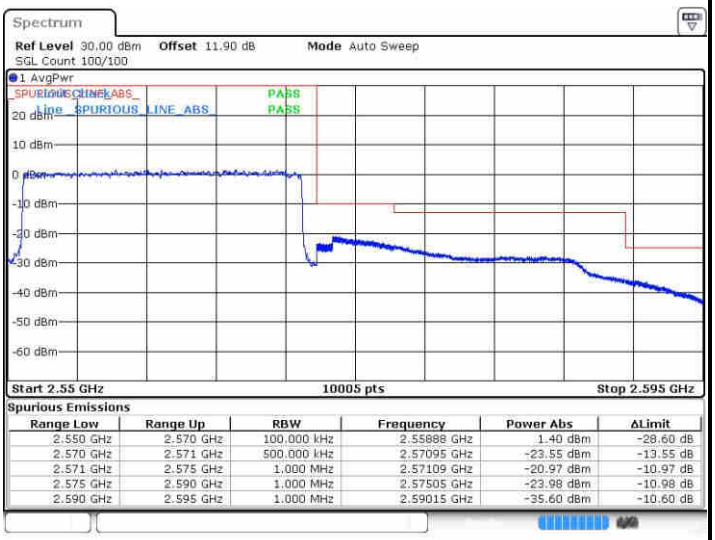


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49046 GHz	-35.41 dBm	-10.41 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49474 GHz	-29.02 dBm	-16.02 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49518 GHz	-34.87 dBm	-21.87 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51793 GHz	1.84 dBm	-28.16 dB

Date: 12.APR.2019 09:40:20

Highest Band Edge / Full RB



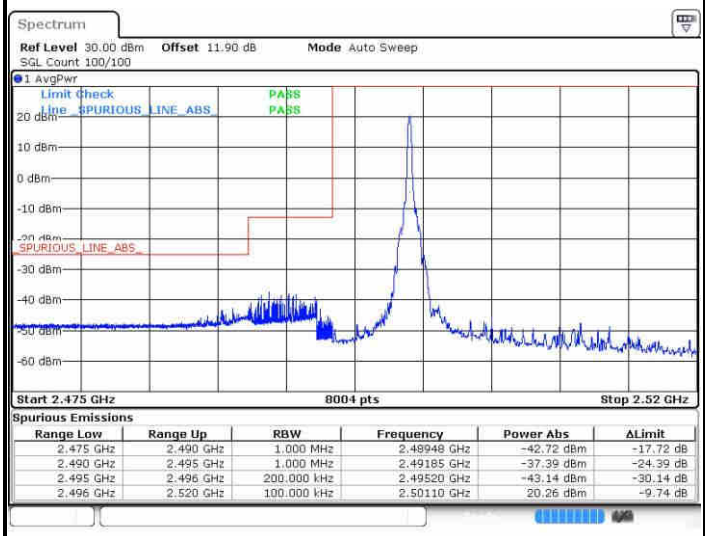
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55888 GHz	1.40 dBm	-28.60 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57095 GHz	-23.55 dBm	-13.55 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57109 GHz	-20.97 dBm	-10.97 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57505 GHz	-23.98 dBm	-10.98 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59015 GHz	-35.60 dBm	-10.60 dB

Date: 12.APR.2019 09:47:29

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge /1 RB

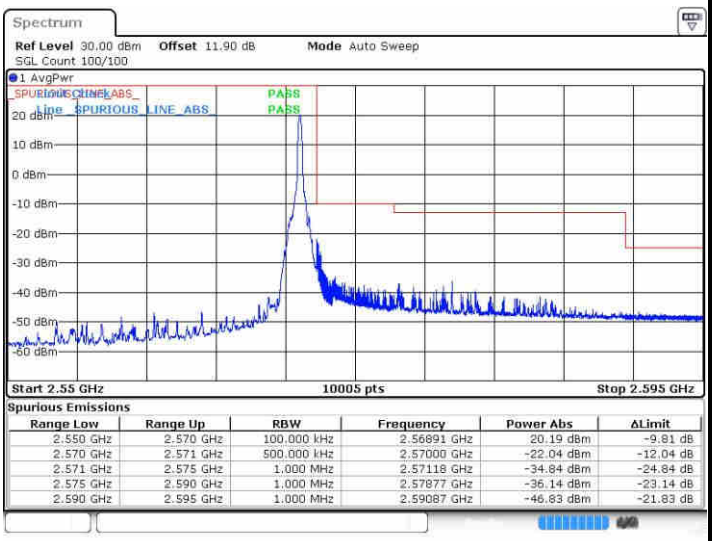


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48948 GHz	-42.72 dBm	-17.72 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49185 GHz	-37.39 dBm	-24.39 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49520 GHz	-43.14 dBm	-30.14 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50110 GHz	20.26 dBm	-9.74 dB

Date: 12.APR.2019 09:39:48

Highest Band Edge / 1RB

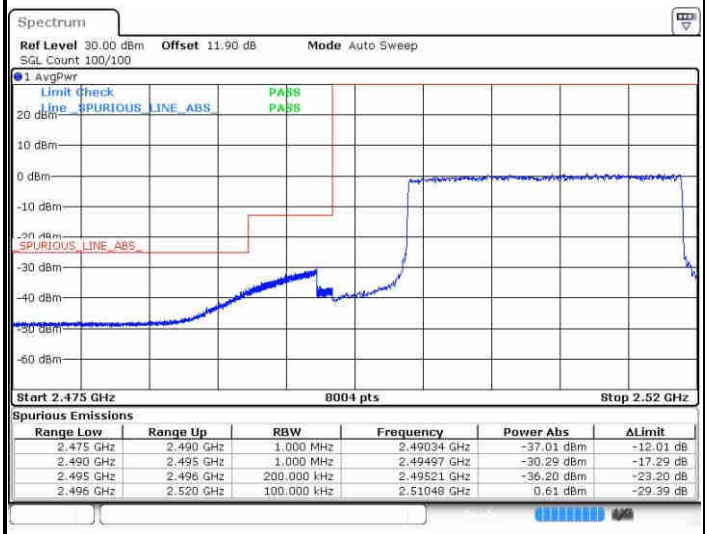


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56891 GHz	20.19 dBm	-9.81 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57000 GHz	-22.04 dBm	-12.04 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57118 GHz	-34.84 dBm	-24.84 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57877 GHz	-36.14 dBm	-23.14 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59087 GHz	-46.83 dBm	-21.83 dB

Date: 12.APR.2019 09:46:26

Lowest Band Edge / Full RB

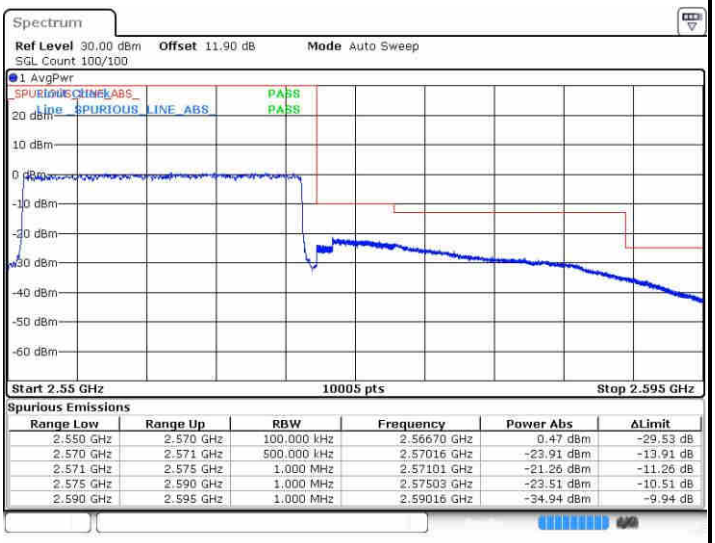


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49034 GHz	-37.01 dBm	-12.01 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49497 GHz	-30.29 dBm	-17.29 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49521 GHz	-36.20 dBm	-23.20 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51048 GHz	0.61 dBm	-29.39 dB

Date: 12.APR.2019 09:40:51

Highest Band Edge / Full RB



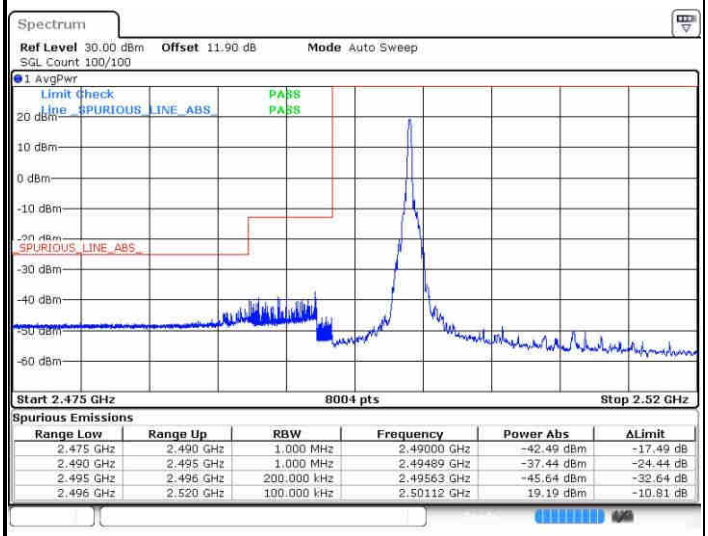
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56670 GHz	0.47 dBm	-29.53 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57016 GHz	-23.91 dBm	-13.91 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-21.26 dBm	-11.26 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57503 GHz	-23.51 dBm	-10.51 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59016 GHz	-34.94 dBm	-9.94 dB

Date: 12.APR.2019 09:46:57

LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

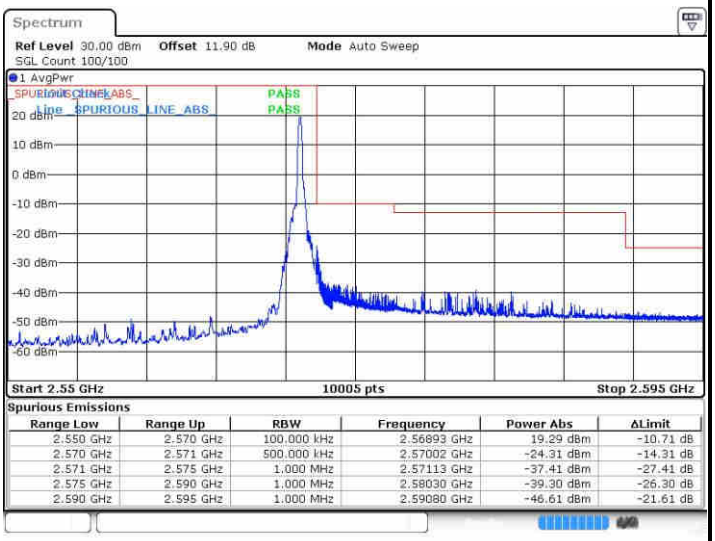


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49000 GHz	-42.49 dBm	-17.49 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49489 GHz	-37.44 dBm	-24.44 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49563 GHz	-45.64 dBm	-32.64 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50112 GHz	19.19 dBm	-10.81 dB

Date: 12.APR.2019 09:49:53

Highest Band Edge / 1 RB

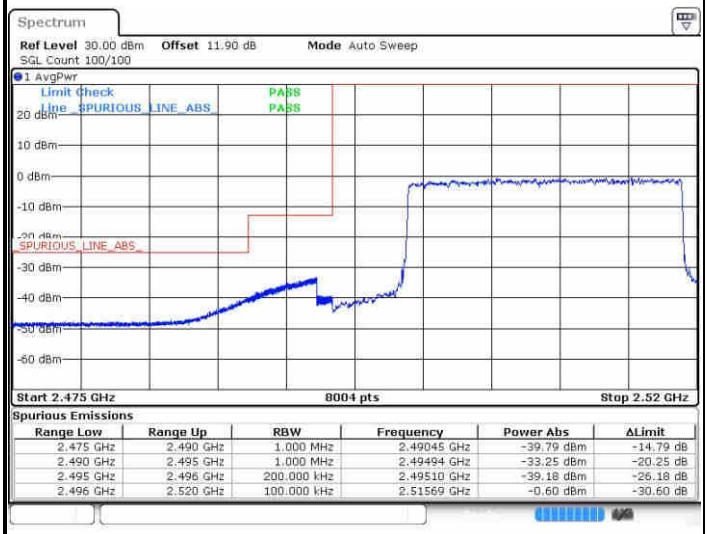


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56893 GHz	19.29 dBm	-10.71 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-24.31 dBm	-14.31 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57113 GHz	-37.41 dBm	-27.41 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.58030 GHz	-39.30 dBm	-26.30 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59080 GHz	-46.61 dBm	-21.61 dB

Date: 12.APR.2019 09:53:11

Lowest Band Edge / Full RB

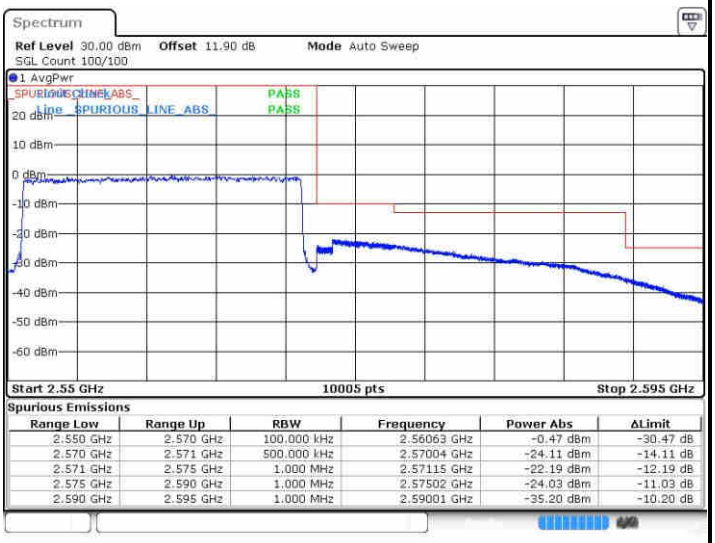


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49045 GHz	-39.79 dBm	-14.79 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49494 GHz	-33.25 dBm	-20.25 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49510 GHz	-39.18 dBm	-26.18 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51569 GHz	-0.60 dBm	-30.60 dB

Date: 12.APR.2019 09:50:25

Highest Band Edge / Full RB



Spurious Emissions

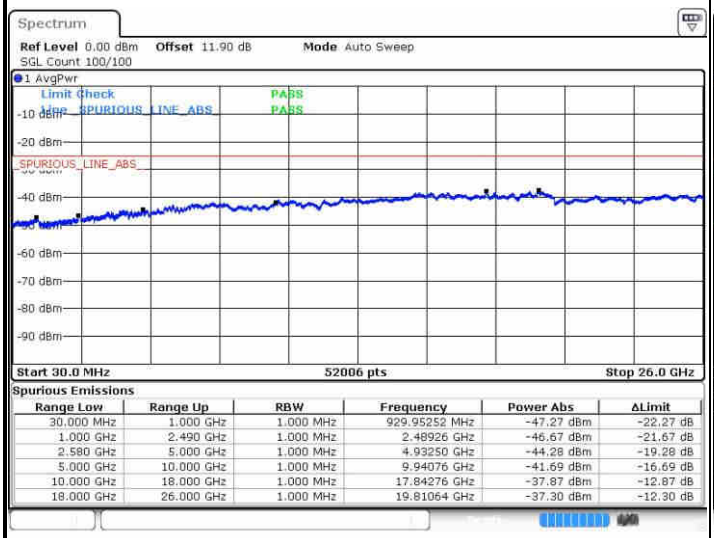
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56063 GHz	-0.47 dBm	-30.47 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57004 GHz	-24.11 dBm	-14.11 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57115 GHz	-22.19 dBm	-12.19 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57502 GHz	-24.03 dBm	-11.03 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59001 GHz	-35.20 dBm	-10.20 dB

Date: 12.APR.2019 09:53:43

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

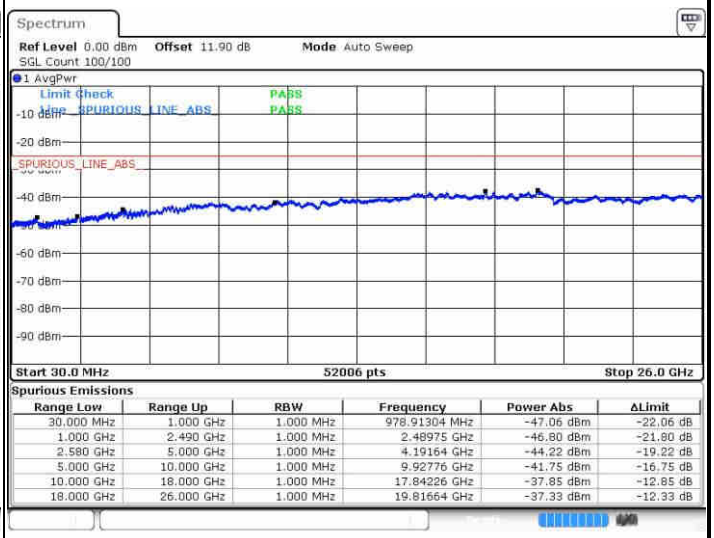


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.95252 MHz	-47.27 dBm	-22.27 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48926 GHz	-46.67 dBm	-21.67 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.93250 GHz	-44.28 dBm	-19.28 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94076 GHz	-41.69 dBm	-16.69 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84276 GHz	-37.87 dBm	-12.87 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81064 GHz	-37.30 dBm	-12.30 dB

Date: 9.APR.2019 02:59:11

Lowest Channel / 16QAM

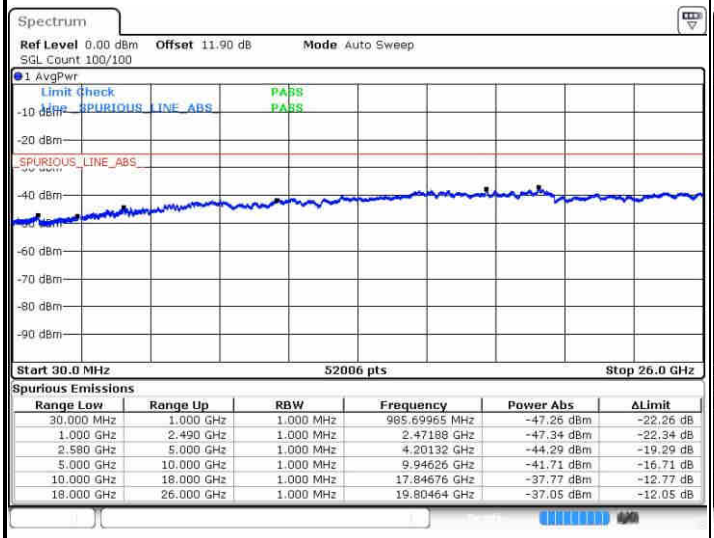


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.91304 MHz	-47.06 dBm	-22.06 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-46.80 dBm	-21.80 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19164 GHz	-44.22 dBm	-19.22 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.92776 GHz	-41.75 dBm	-16.75 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84226 GHz	-37.85 dBm	-12.85 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81664 GHz	-37.33 dBm	-12.33 dB

Date: 9.APR.2019 02:59:55

Middle Channel / QPSK

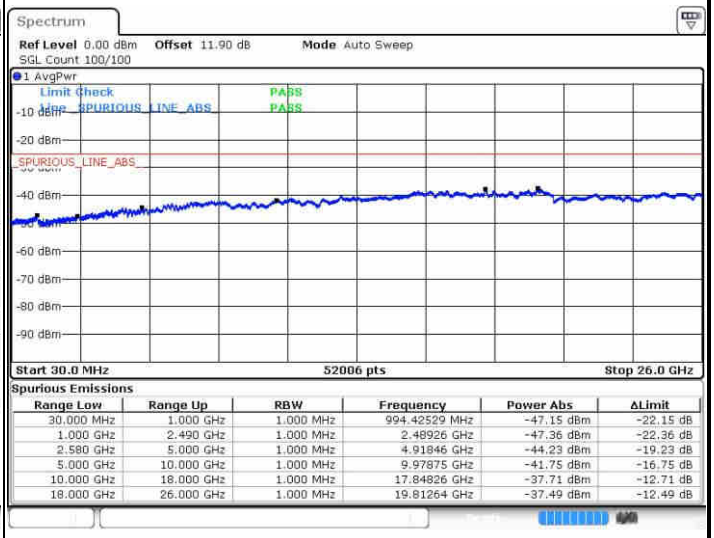


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-47.26 dBm	-22.26 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47188 GHz	-47.34 dBm	-22.34 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20132 GHz	-44.29 dBm	-19.29 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94626 GHz	-41.71 dBm	-16.71 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84676 GHz	-37.77 dBm	-12.77 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80464 GHz	-37.05 dBm	-12.05 dB

Date: 9.APR.2019 03:01:26

Middle Channel / 16QAM



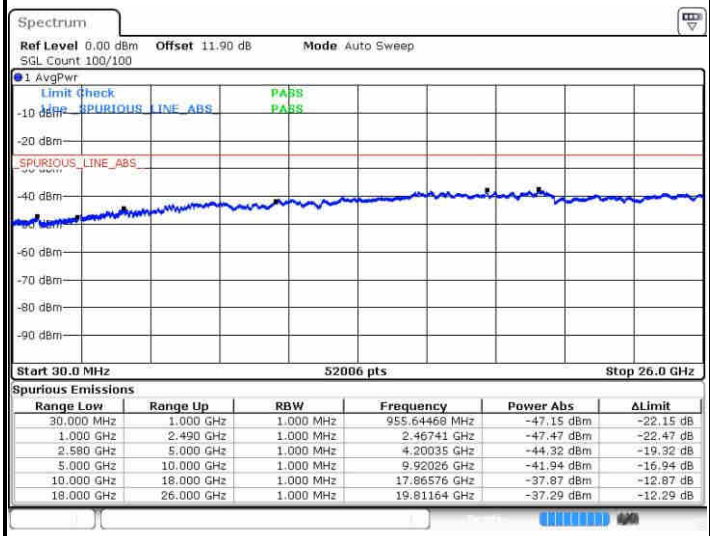
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-47.15 dBm	-22.15 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48926 GHz	-47.36 dBm	-22.36 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.91846 GHz	-44.23 dBm	-19.23 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.97875 GHz	-41.75 dBm	-16.75 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84826 GHz	-37.71 dBm	-12.71 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81264 GHz	-37.49 dBm	-12.49 dB

Date: 9.APR.2019 03:02:09

LTE Band 7 / 5MHz

Highest Channel / QPSK

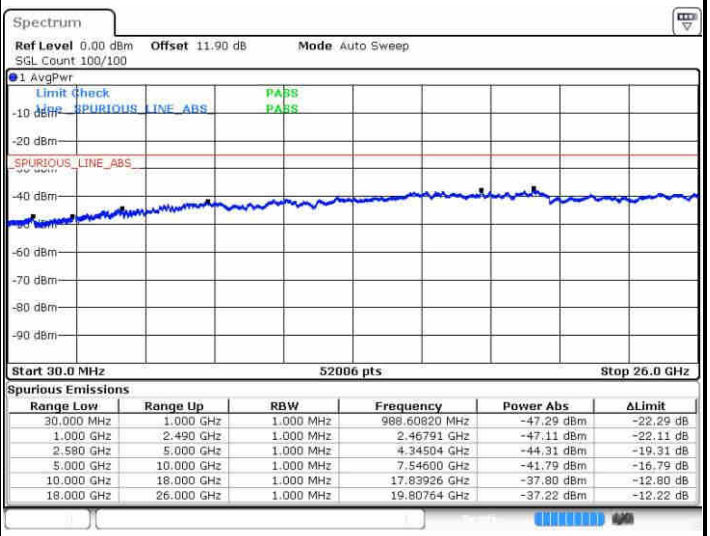


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.64468 MHz	-47.15 dBm	-22.15 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46741 GHz	-47.47 dBm	-22.47 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20035 GHz	-44.32 dBm	-19.32 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.92026 GHz	-41.94 dBm	-16.94 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.86576 GHz	-37.87 dBm	-12.87 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81164 GHz	-37.29 dBm	-12.29 dB

Date: 9.APR.2019 03:06:09

Highest Channel / 16QAM



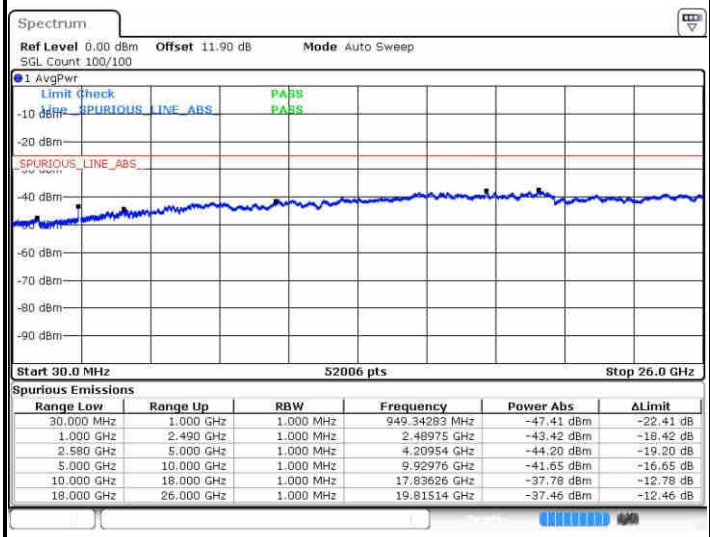
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.60820 MHz	-47.29 dBm	-22.29 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46791 GHz	-47.11 dBm	-22.11 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.34504 GHz	-44.31 dBm	-19.31 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54600 GHz	-41.79 dBm	-16.79 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83926 GHz	-37.80 dBm	-12.80 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80764 GHz	-37.22 dBm	-12.22 dB

Date: 9.APR.2019 03:06:53

LTE Band 7 / 10MHz

Lowest Channel / QPSK

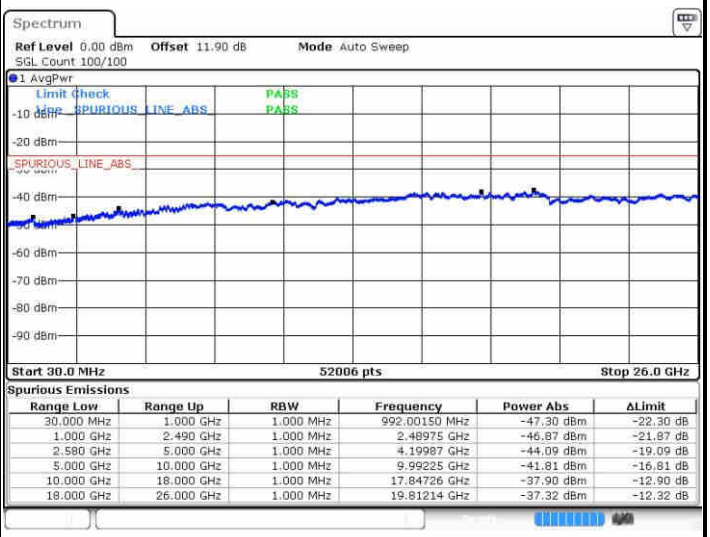


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.34283 MHz	-47.41 dBm	-22.41 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-43.42 dBm	-18.42 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20954 GHz	-44.20 dBm	-19.20 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.92976 GHz	-41.65 dBm	-16.65 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83626 GHz	-37.78 dBm	-12.78 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81514 GHz	-37.46 dBm	-12.46 dB

Date: 9.APR.2019 03:16:43

Lowest Channel / 16QAM



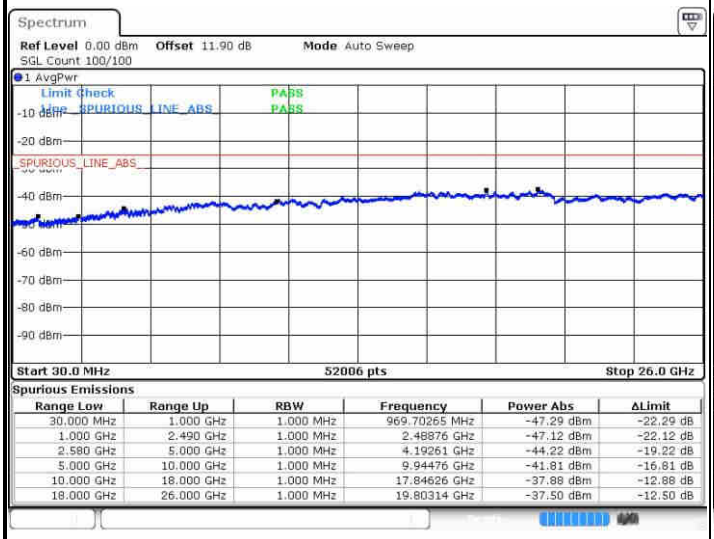
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.00150 MHz	-47.30 dBm	-22.30 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-46.87 dBm	-21.87 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19987 GHz	-44.09 dBm	-19.09 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.99225 GHz	-41.81 dBm	-16.81 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84726 GHz	-37.90 dBm	-12.90 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81214 GHz	-37.32 dBm	-12.32 dB

Date: 9.APR.2019 03:17:27

LTE Band 7 / 10MHz

Middle Channel / QPSK

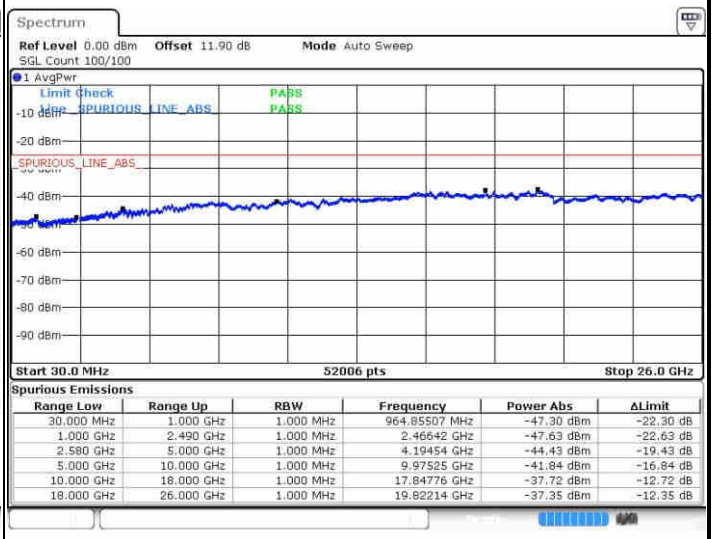


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.70265 MHz	-47.29 dBm	-22.29 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48876 GHz	-47.12 dBm	-22.12 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19261 GHz	-44.22 dBm	-19.22 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94476 GHz	-41.81 dBm	-16.81 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84626 GHz	-37.88 dBm	-12.88 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80314 GHz	-37.50 dBm	-12.50 dB

Date: 9.APR.2019 03:18:58

Middle Channel / 16QAM

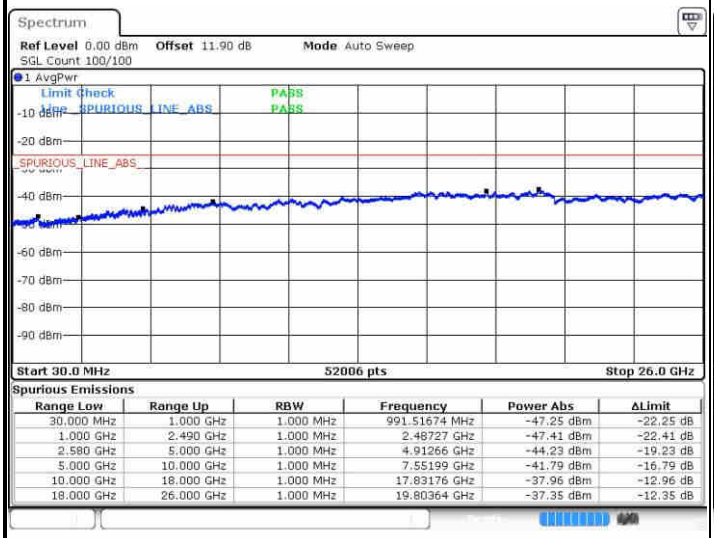


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.85507 MHz	-47.30 dBm	-22.30 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46642 GHz	-47.63 dBm	-22.63 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19454 GHz	-44.43 dBm	-19.43 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.97525 GHz	-41.84 dBm	-16.84 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84776 GHz	-37.72 dBm	-12.72 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.82214 GHz	-37.35 dBm	-12.35 dB

Date: 9.APR.2019 03:19:41

Highest Channel / QPSK

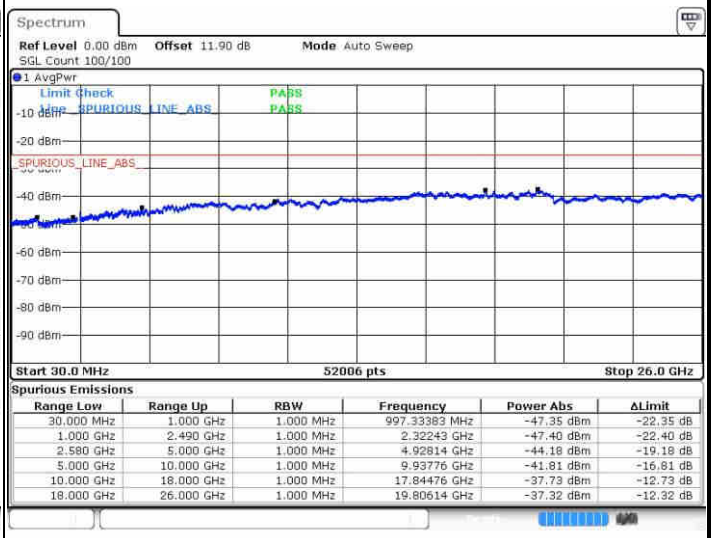


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.51674 MHz	-47.25 dBm	-22.25 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48727 GHz	-47.41 dBm	-22.41 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.91266 GHz	-44.23 dBm	-19.23 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.55199 GHz	-41.79 dBm	-16.79 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83176 GHz	-37.96 dBm	-12.96 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80364 GHz	-37.35 dBm	-12.35 dB

Date: 9.APR.2019 03:23:41

Highest Channel / 16QAM



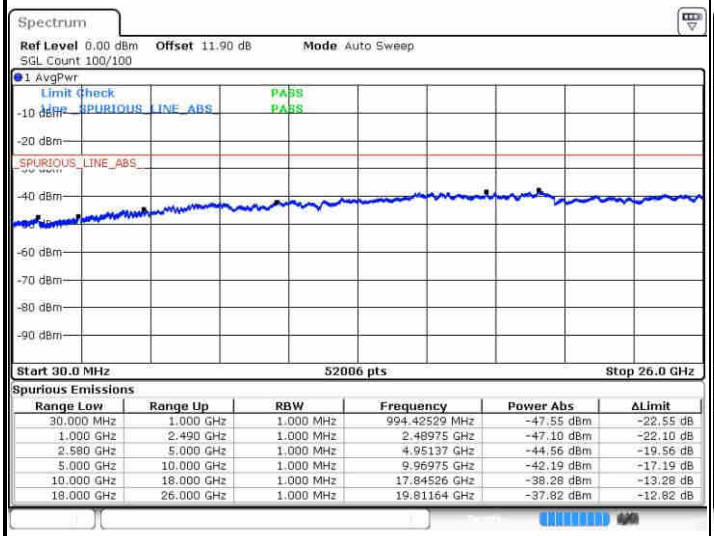
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.33383 MHz	-47.35 dBm	-22.35 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.32243 GHz	-47.40 dBm	-22.40 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.92814 GHz	-44.18 dBm	-19.18 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.93776 GHz	-41.81 dBm	-16.81 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84476 GHz	-37.73 dBm	-12.73 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80614 GHz	-37.32 dBm	-12.32 dB

Date: 9.APR.2019 03:24:25

LTE Band 7 / 15MHz

Lowest Channel / QPSK

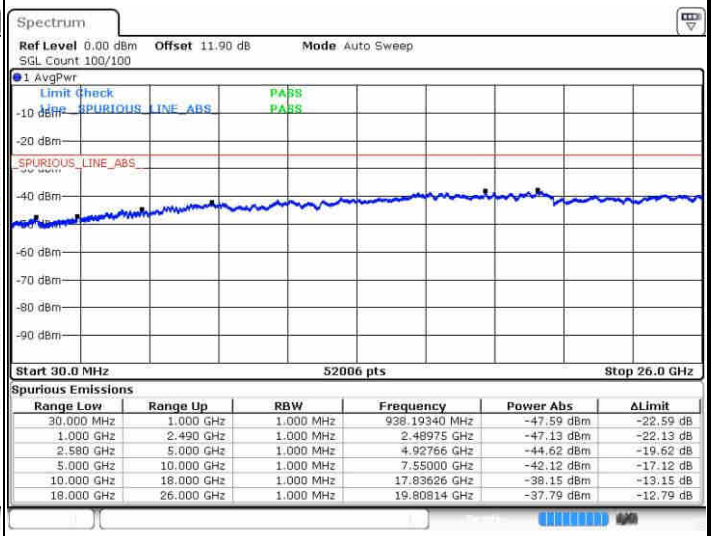


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-47.55 dBm	-22.55 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-47.10 dBm	-22.10 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.95137 GHz	-44.56 dBm	-19.56 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.96975 GHz	-42.19 dBm	-17.19 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84526 GHz	-38.28 dBm	-13.28 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81164 GHz	-37.82 dBm	-12.82 dB

Date: 12.APR.2019 09:19:43

Lowest Channel / 16QAM

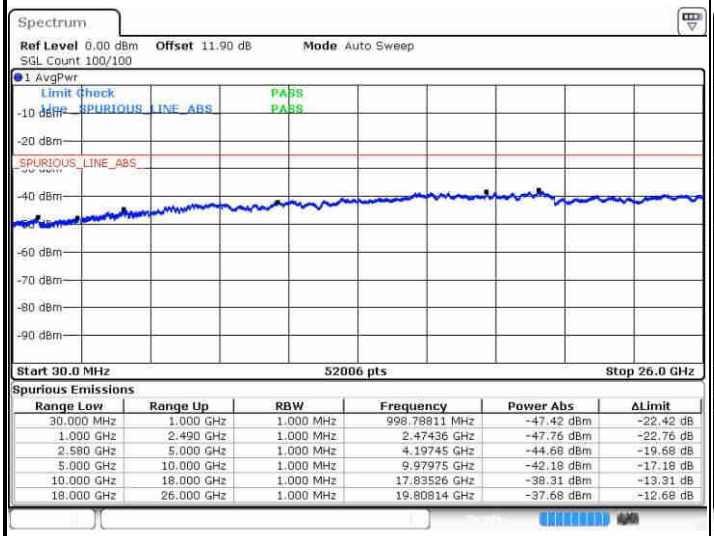


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.19340 MHz	-47.59 dBm	-22.59 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-47.13 dBm	-22.13 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.92766 GHz	-44.62 dBm	-19.62 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.55000 GHz	-42.12 dBm	-17.12 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83626 GHz	-38.15 dBm	-13.15 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80814 GHz	-37.79 dBm	-12.79 dB

Date: 12.APR.2019 09:20:27

Middle Channel / QPSK

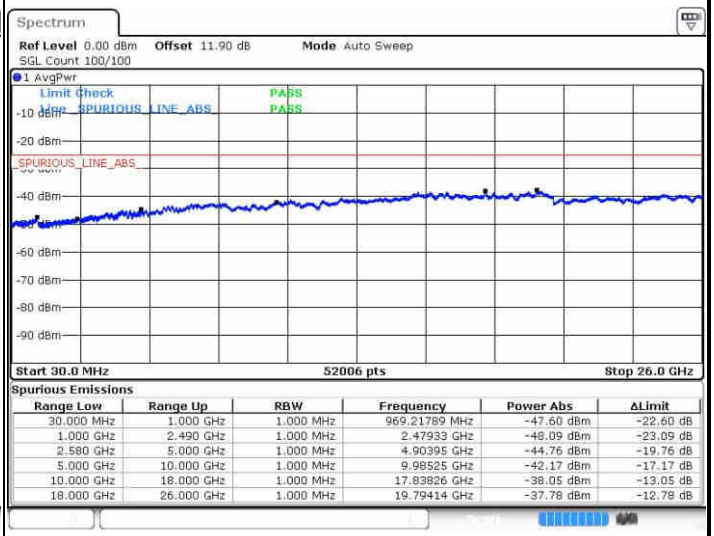


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-47.42 dBm	-22.42 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47436 GHz	-47.76 dBm	-22.76 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19745 GHz	-44.68 dBm	-19.68 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.97975 GHz	-42.18 dBm	-17.18 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83526 GHz	-38.31 dBm	-13.31 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80814 GHz	-37.68 dBm	-12.68 dB

Date: 12.APR.2019 09:21:58

Middle Channel / 16QAM



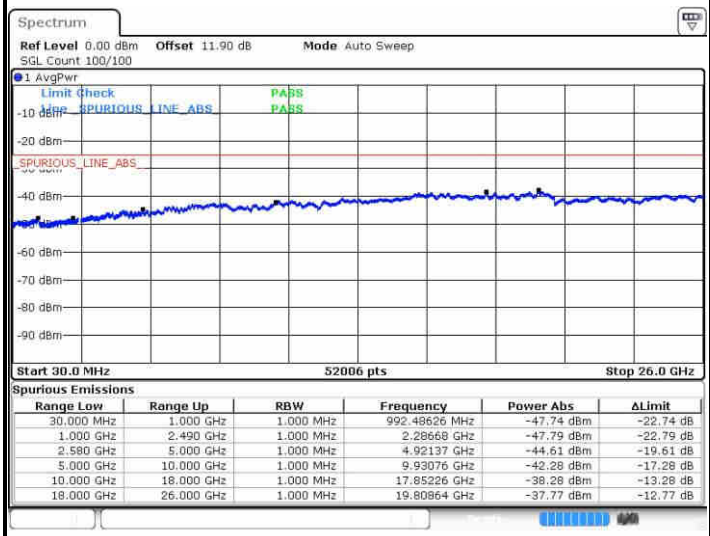
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.21789 MHz	-47.60 dBm	-22.60 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47933 GHz	-48.09 dBm	-23.09 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.90395 GHz	-44.76 dBm	-19.76 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.98525 GHz	-42.17 dBm	-17.17 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83826 GHz	-38.05 dBm	-13.05 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79414 GHz	-37.78 dBm	-12.78 dB

Date: 12.APR.2019 09:22:42

LTE Band7 / 15MHz

Highest Channel / QPSK

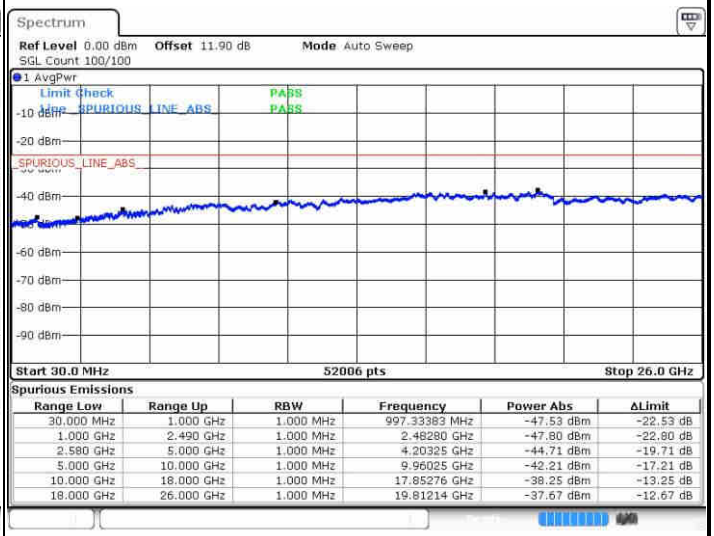


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-47.74 dBm	-22.74 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.28668 GHz	-47.79 dBm	-22.79 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.92137 GHz	-44.61 dBm	-19.61 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.93076 GHz	-42.28 dBm	-17.28 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85226 GHz	-38.28 dBm	-13.28 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80864 GHz	-37.77 dBm	-12.77 dB

Date: 12.APR.2019 09:26:22

Highest Channel / 16QAM



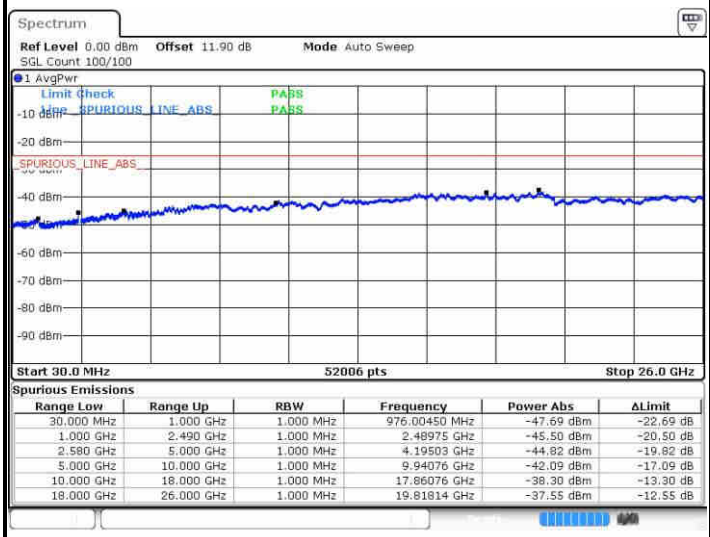
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.33383 MHz	-47.53 dBm	-22.53 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48280 GHz	-47.80 dBm	-22.80 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20325 GHz	-44.71 dBm	-19.71 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.96025 GHz	-42.21 dBm	-17.21 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85276 GHz	-38.25 dBm	-13.25 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81214 GHz	-37.67 dBm	-12.67 dB

Date: 12.APR.2019 09:27:06

LTE Band 7 / 20MHz

Lowest Channel / QPSK

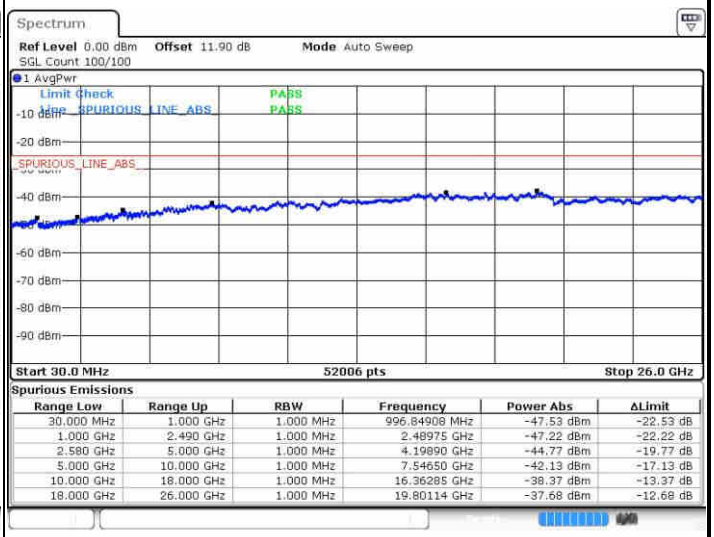


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-47.69 dBm	-22.69 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-45.50 dBm	-20.50 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19503 GHz	-44.82 dBm	-19.82 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94076 GHz	-42.09 dBm	-17.09 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.86076 GHz	-38.30 dBm	-13.30 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81814 GHz	-37.55 dBm	-12.55 dB

Date: 12.APR.2019 09:41:35

Lowest Channel / 16QAM



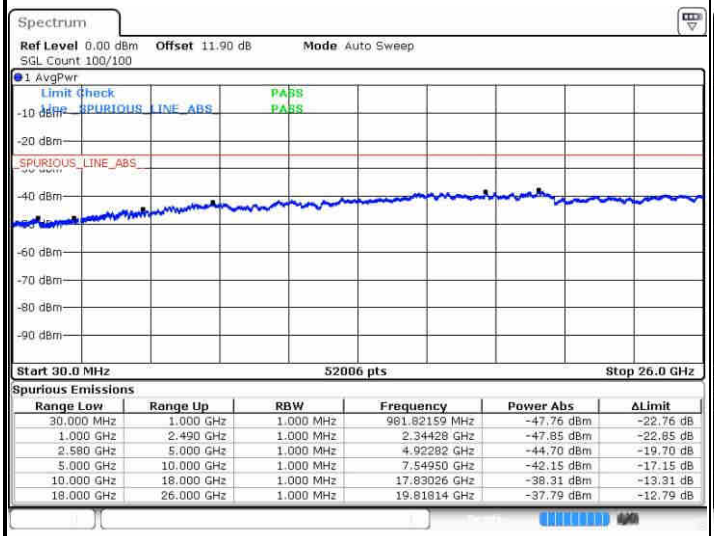
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-47.53 dBm	-22.53 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-47.22 dBm	-22.22 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19890 GHz	-44.77 dBm	-19.77 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54650 GHz	-42.13 dBm	-17.13 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.36285 GHz	-38.37 dBm	-13.37 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80114 GHz	-37.68 dBm	-12.68 dB

Date: 12.APR.2019 09:42:19

LTE Band 7 / 20MHz

Middle Channel / QPSK

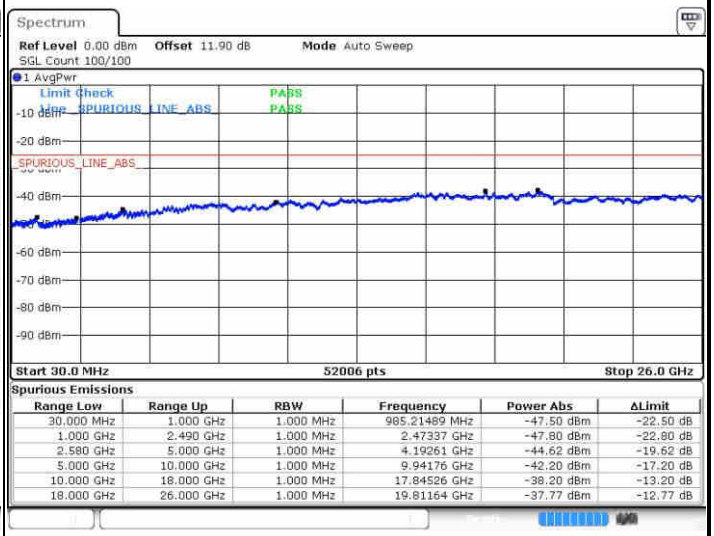


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.82159 MHz	-47.76 dBm	-22.76 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.34428 GHz	-47.85 dBm	-22.85 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.92282 GHz	-44.70 dBm	-19.70 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54950 GHz	-42.15 dBm	-17.15 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83026 GHz	-38.31 dBm	-13.31 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81814 GHz	-37.79 dBm	-12.79 dB

Date: 12.APR.2019 09:43:50

Middle Channel / 16QAM

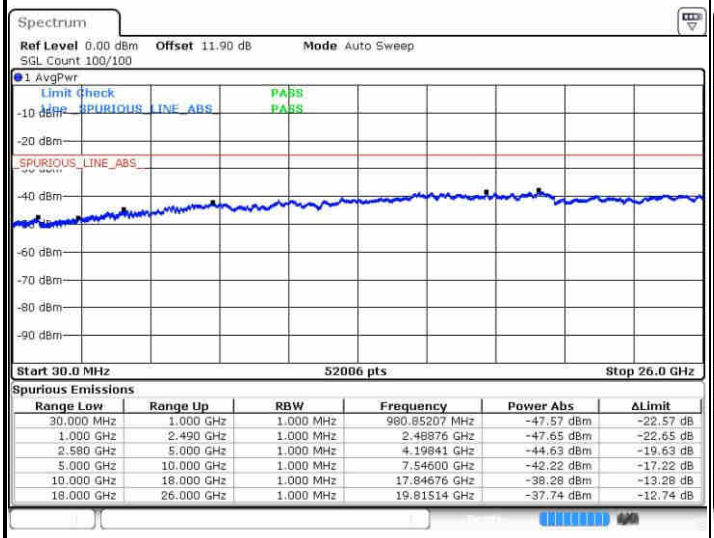


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.21489 MHz	-47.50 dBm	-22.50 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47337 GHz	-47.80 dBm	-22.80 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19261 GHz	-44.62 dBm	-19.62 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94176 GHz	-42.20 dBm	-17.20 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84526 GHz	-38.20 dBm	-13.20 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81164 GHz	-37.77 dBm	-12.77 dB

Date: 12.APR.2019 09:44:33

Highest Channel / QPSK

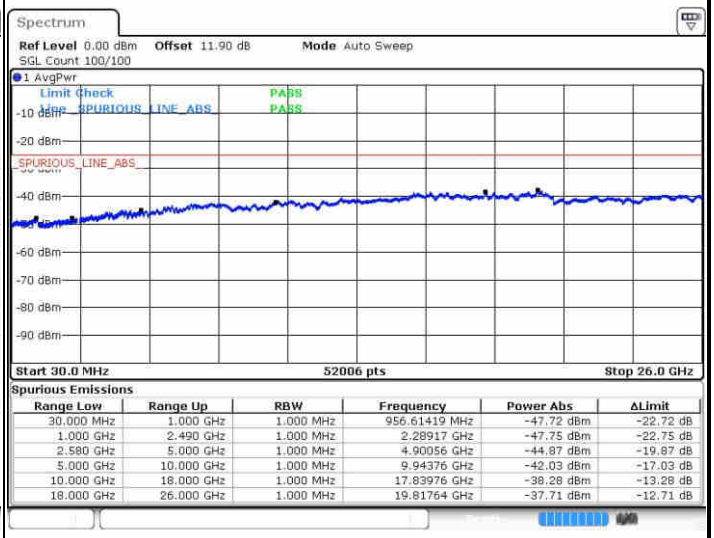


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.85207 MHz	-47.57 dBm	-22.57 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48876 GHz	-47.65 dBm	-22.65 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19841 GHz	-44.63 dBm	-19.63 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54600 GHz	-42.22 dBm	-17.22 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84676 GHz	-38.28 dBm	-13.28 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81514 GHz	-37.74 dBm	-12.74 dB

Date: 12.APR.2019 09:48:13

Highest Channel / 16QAM



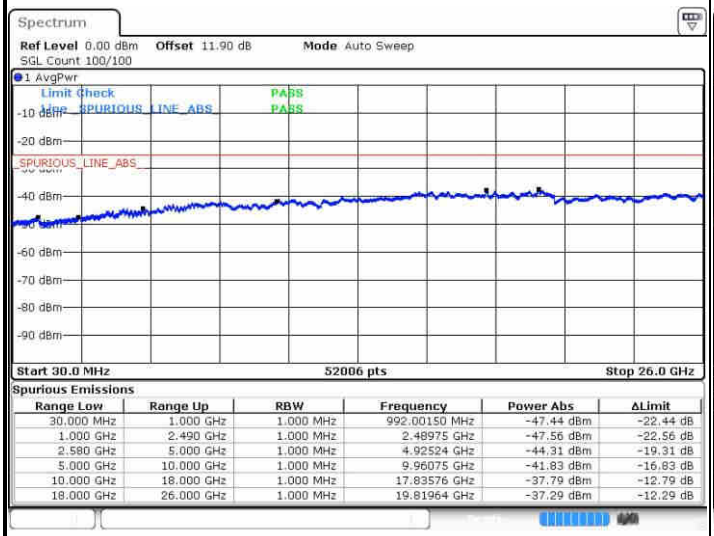
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	956.61419 MHz	-47.72 dBm	-22.72 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.28917 GHz	-47.75 dBm	-22.75 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.90056 GHz	-44.87 dBm	-19.87 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94376 GHz	-42.03 dBm	-17.03 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83976 GHz	-38.28 dBm	-13.28 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81764 GHz	-37.71 dBm	-12.71 dB

Date: 12.APR.2019 09:48:57

LTE Band 7 / 5MHz

Lowest Channel / 64QAM

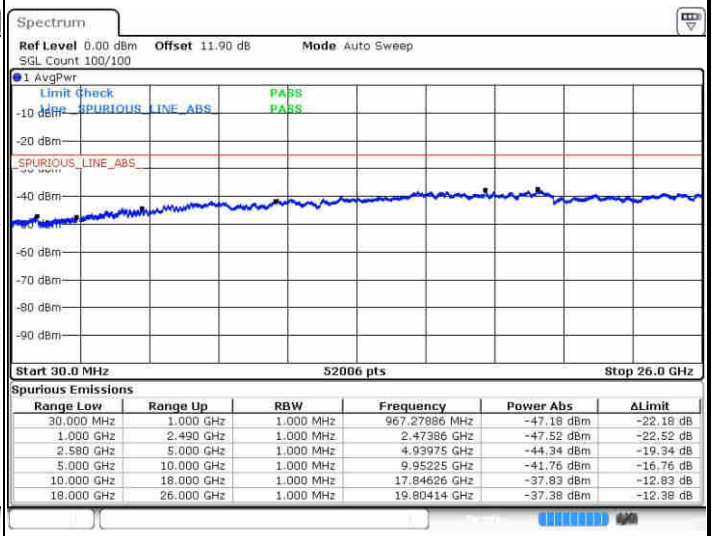


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.00150 MHz	-47.44 dBm	-22.44 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-47.56 dBm	-22.56 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.92524 GHz	-44.31 dBm	-19.31 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.96075 GHz	-41.83 dBm	-16.83 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83576 GHz	-37.79 dBm	-12.79 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81964 GHz	-37.29 dBm	-12.29 dB

Date: 9.APR.2019 03:09:14

Middle Channel / 64QAM

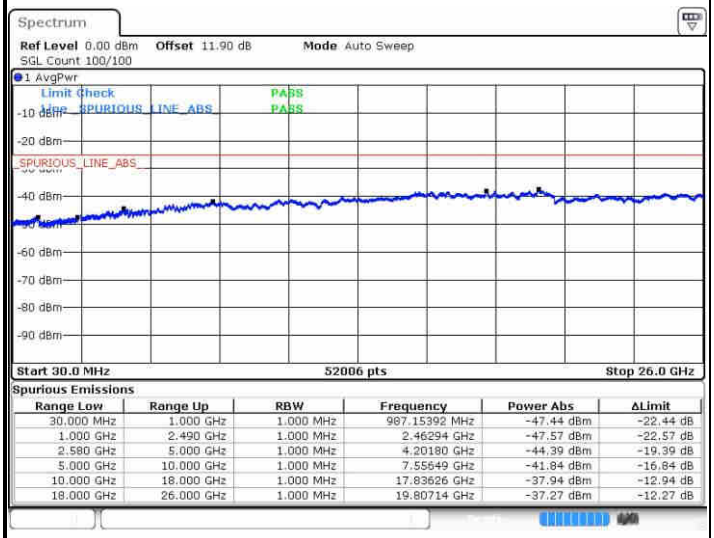


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.27886 MHz	-47.18 dBm	-22.18 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47386 GHz	-47.52 dBm	-22.52 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.93975 GHz	-44.34 dBm	-19.34 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.95225 GHz	-41.76 dBm	-16.76 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84626 GHz	-37.83 dBm	-12.83 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80414 GHz	-37.38 dBm	-12.38 dB

Date: 9.APR.2019 03:10:21

Highest Channel / 64QAM



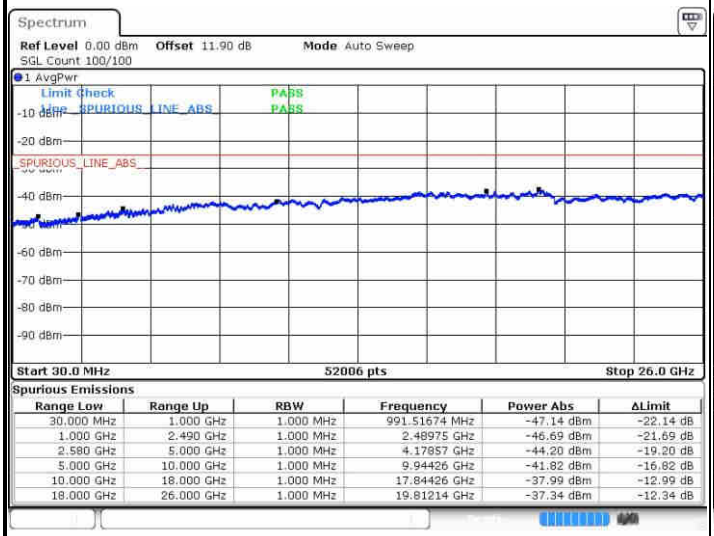
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.15392 MHz	-47.44 dBm	-22.44 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46294 GHz	-47.57 dBm	-22.57 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20180 GHz	-44.39 dBm	-19.39 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.55649 GHz	-41.84 dBm	-16.84 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83626 GHz	-37.94 dBm	-12.94 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80714 GHz	-37.27 dBm	-12.27 dB

Date: 9.APR.2019 03:12:43

LTE Band 7 / 10MHz

Lowest Channel / 64QAM

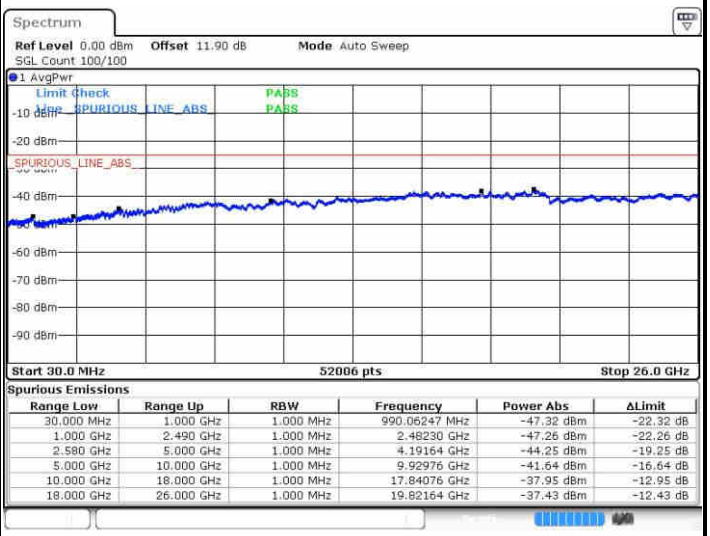


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.51674 MHz	-47.14 dBm	-22.14 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-46.69 dBm	-21.69 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.17857 GHz	-44.20 dBm	-19.20 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94426 GHz	-41.82 dBm	-16.82 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84426 GHz	-37.99 dBm	-12.99 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81214 GHz	-37.34 dBm	-12.34 dB

Date: 9.APR.2019 03:26:47

Middle Channel / 64QAM

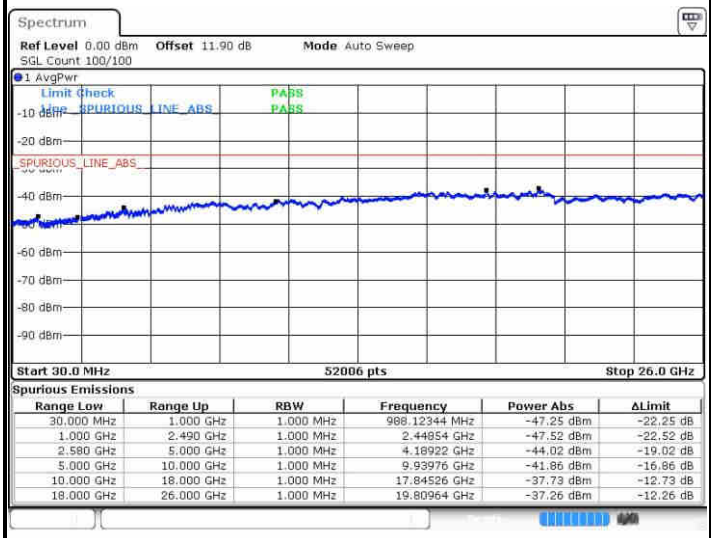


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.06247 MHz	-47.32 dBm	-22.32 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48230 GHz	-47.26 dBm	-22.26 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19164 GHz	-44.25 dBm	-19.25 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.92976 GHz	-41.64 dBm	-16.64 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84076 GHz	-37.95 dBm	-12.95 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.82164 GHz	-37.43 dBm	-12.43 dB

Date: 9.APR.2019 03:27:54

Highest Channel / 64QAM



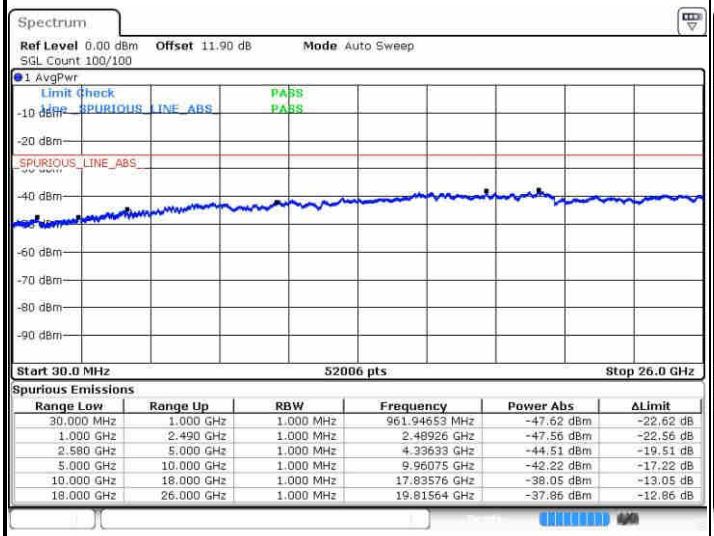
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.12344 MHz	-47.25 dBm	-22.25 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.44854 GHz	-47.52 dBm	-22.52 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.18922 GHz	-44.02 dBm	-19.02 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.93976 GHz	-41.86 dBm	-16.86 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84526 GHz	-37.73 dBm	-12.73 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80964 GHz	-37.26 dBm	-12.26 dB

Date: 9.APR.2019 03:30:16

LTE Band 7 / 15MHz

Lowest Channel / 64QAM

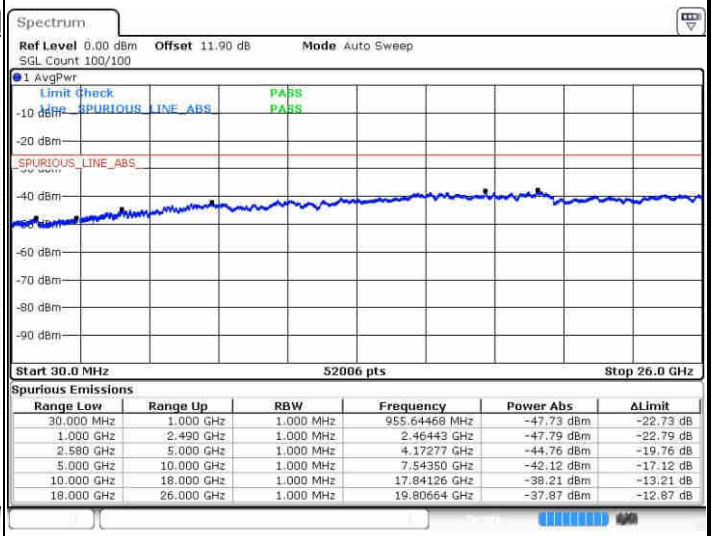


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.94653 MHz	-47.62 dBm	-22.62 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48926 GHz	-47.56 dBm	-22.56 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.33633 GHz	-44.51 dBm	-19.51 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.96075 GHz	-42.22 dBm	-17.22 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83576 GHz	-38.05 dBm	-13.05 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81564 GHz	-37.86 dBm	-12.86 dB

Date: 12.APR.2019 09:29:20

Middle Channel / 64QAM

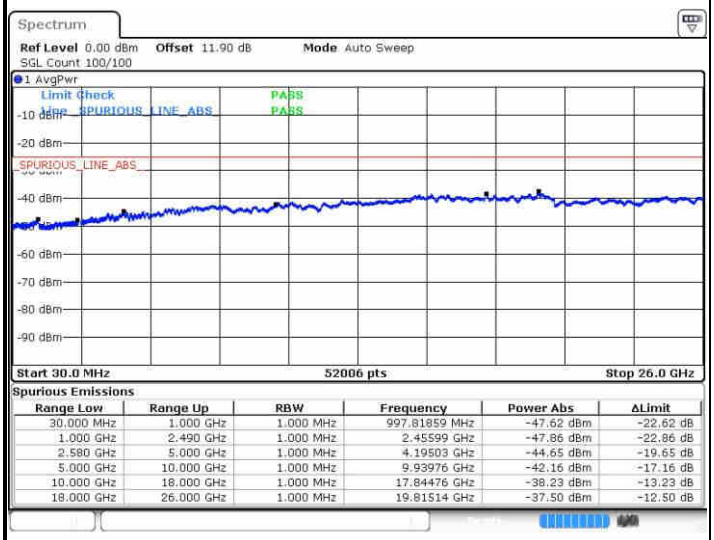


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.64468 MHz	-47.73 dBm	-22.73 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46443 GHz	-47.79 dBm	-22.79 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.17277 GHz	-44.76 dBm	-19.76 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54350 GHz	-42.12 dBm	-17.12 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84126 GHz	-38.21 dBm	-13.21 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80664 GHz	-37.87 dBm	-12.87 dB

Date: 12.APR.2019 09:30:27

Highest Channel / 64QAM



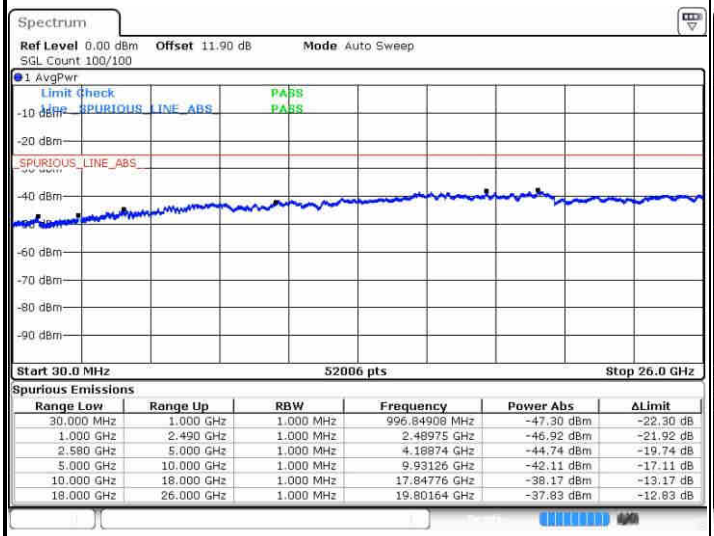
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.81859 MHz	-47.62 dBm	-22.62 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45599 GHz	-47.86 dBm	-22.86 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19503 GHz	-44.65 dBm	-19.65 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.93976 GHz	-42.16 dBm	-17.16 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84476 GHz	-38.23 dBm	-13.23 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81514 GHz	-37.50 dBm	-12.50 dB

Date: 12.APR.2019 09:32:39

LTE Band 7 / 20MHz

Lowest Channel / 64QAM

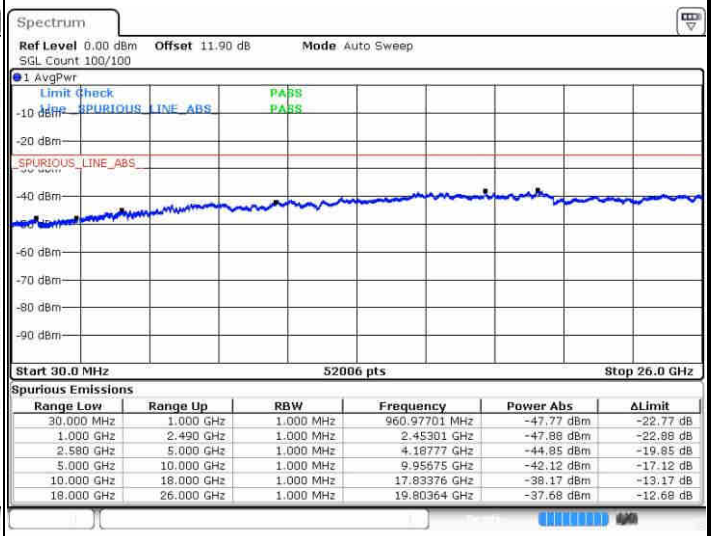


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-47.30 dBm	-22.30 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-46.92 dBm	-21.92 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.18874 GHz	-44.74 dBm	-19.74 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.93126 GHz	-42.11 dBm	-17.11 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84776 GHz	-38.17 dBm	-13.17 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80164 GHz	-37.83 dBm	-12.83 dB

Date: 12.APR.2019 09:51:09

Middle Channel / 64QAM

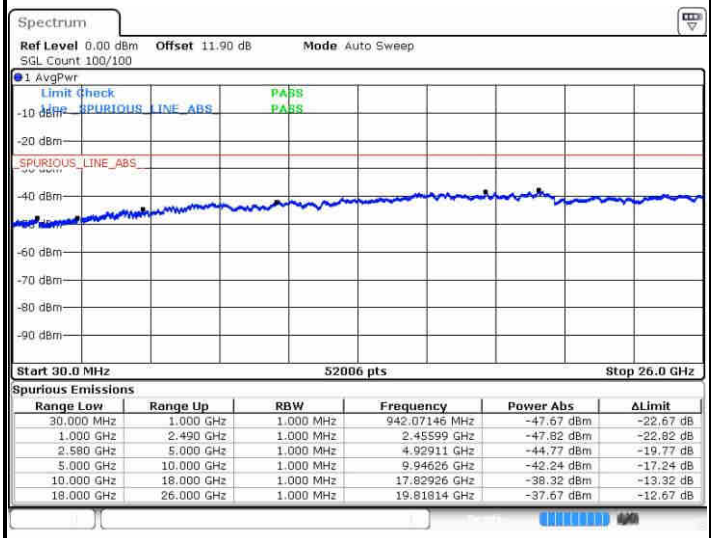


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.97701 MHz	-47.77 dBm	-22.77 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45301 GHz	-47.88 dBm	-22.88 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.18777 GHz	-44.85 dBm	-19.85 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.95675 GHz	-42.12 dBm	-17.12 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83376 GHz	-38.17 dBm	-13.17 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80364 GHz	-37.68 dBm	-12.68 dB

Date: 12.APR.2019 09:52:16

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.07146 MHz	-47.67 dBm	-22.67 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45599 GHz	-47.82 dBm	-22.82 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.92911 GHz	-44.77 dBm	-19.77 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94626 GHz	-42.24 dBm	-17.24 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.82926 GHz	-38.32 dBm	-13.32 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81814 GHz	-37.67 dBm	-12.67 dB

Date: 12.APR.2019 09:54:27

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0000	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0030	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

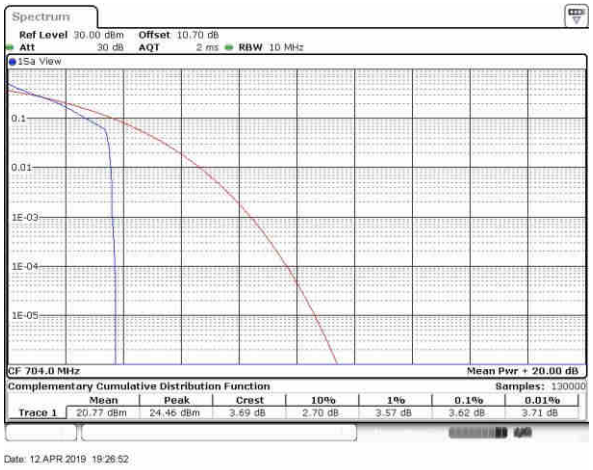
LTE Band 12

Peak-to-Average Ratio

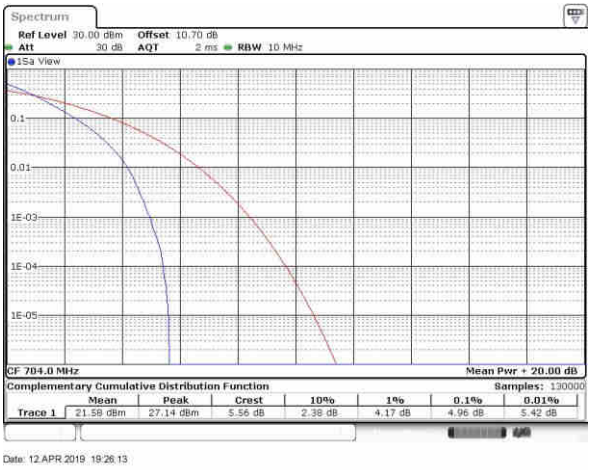
Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.62	4.96	3.97	5.86	PASS
Middle CH	3.62	4.93	4.20	5.86	
Highest CH	3.62	5.25	3.91	5.94	
Mode	LTE Band 12 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	4.55	5.86	-	-	PASS
Middle CH	4.52	5.91	-	-	
Highest CH	4.49	5.91	-	-	

LTE Band 12 / 10MHz / QPSK

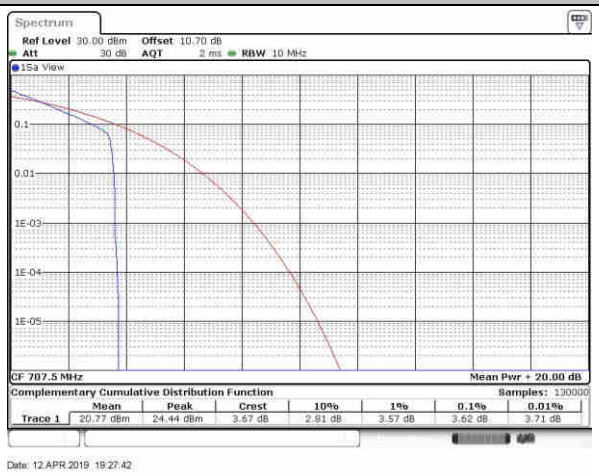
Lowest Channel / 1RB



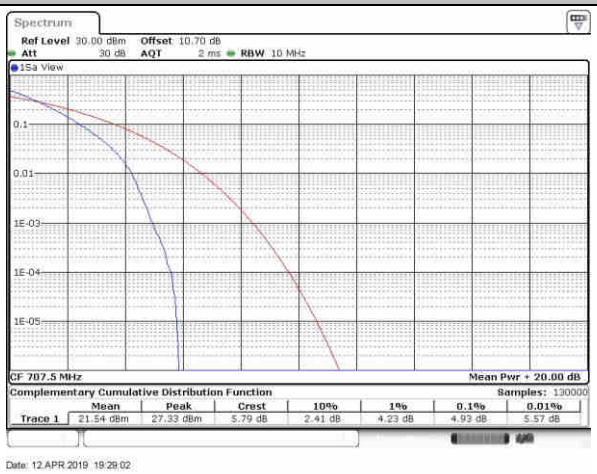
Lowest Channel / Full RB



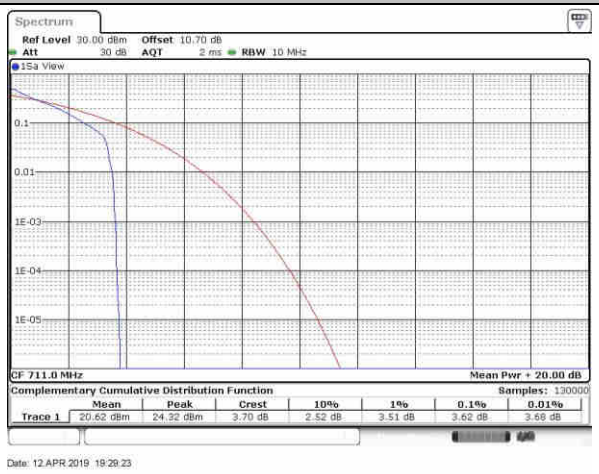
Middle Channel / 1RB



Middle Channel / Full RB



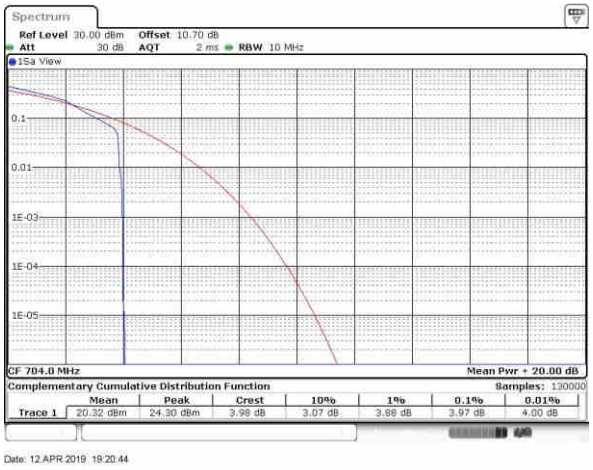
Highest Channel / 1RB



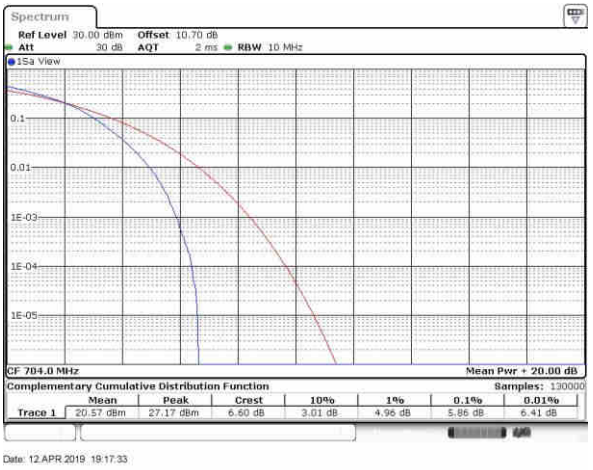
Highest Channel / Full RB

LTE Band 12 / 10MHz / 16QAM

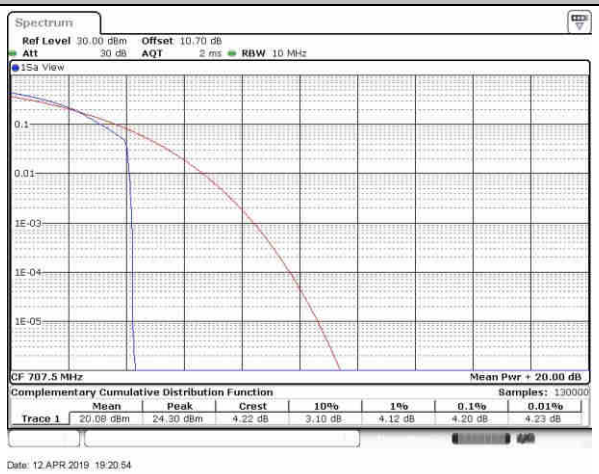
Lowest Channel / 1RB



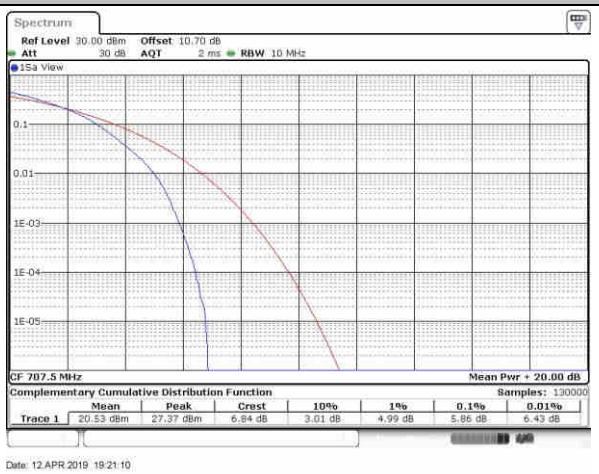
Lowest Channel / Full RB



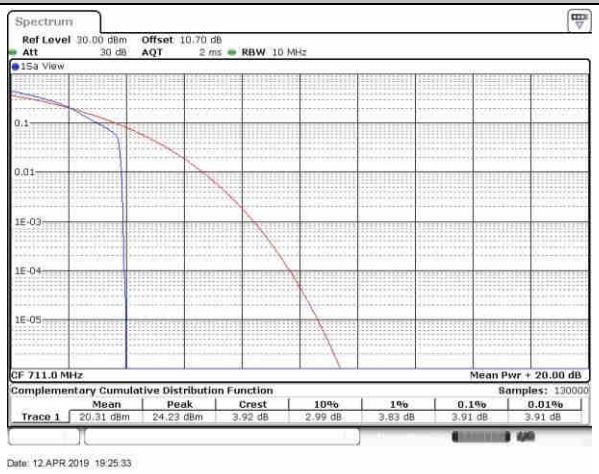
Middle Channel / 1RB



Middle Channel / Full RB



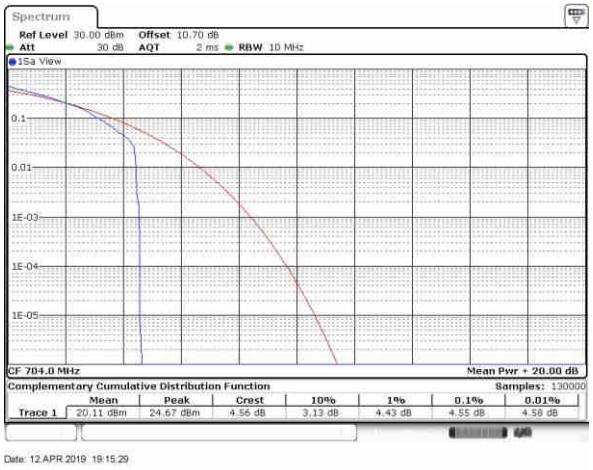
Highest Channel / 1RB



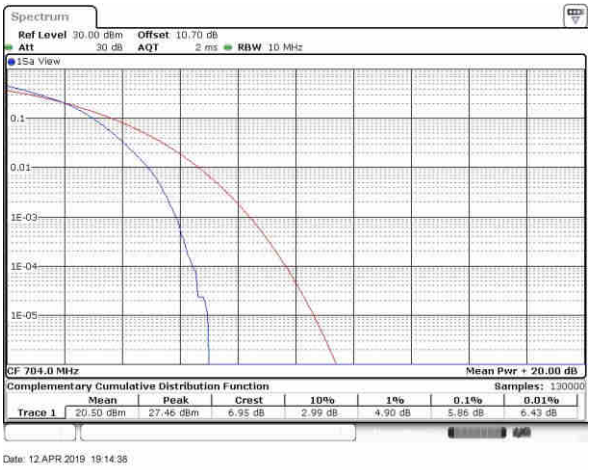
Highest Channel / Full RB

LTE Band 12 / 10MHz / 64QAM

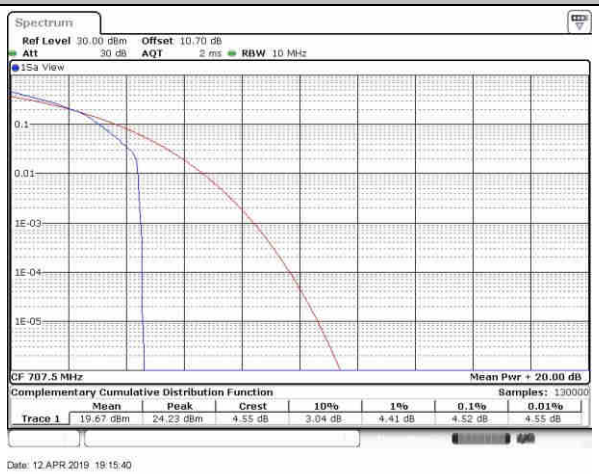
Lowest Channel / 1RB



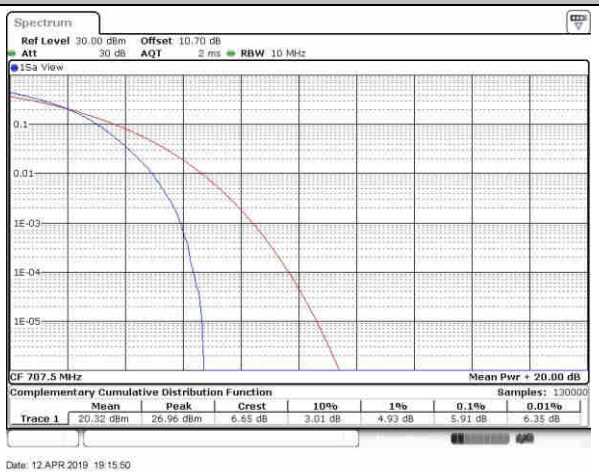
Lowest Channel / Full RB



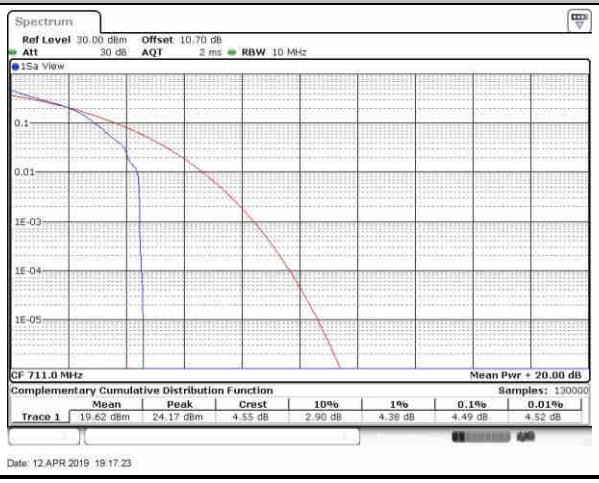
Middle Channel / 1RB



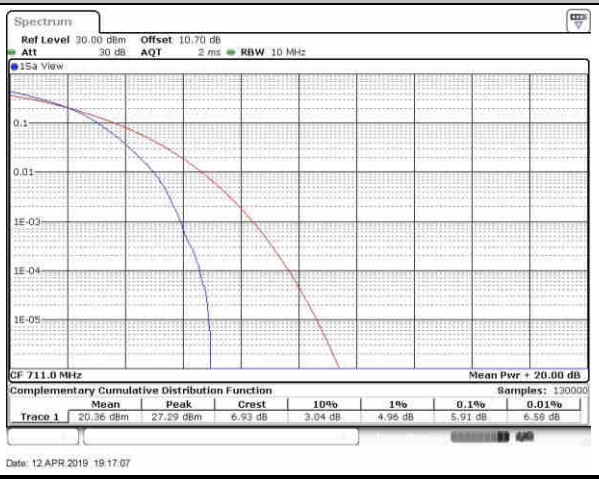
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

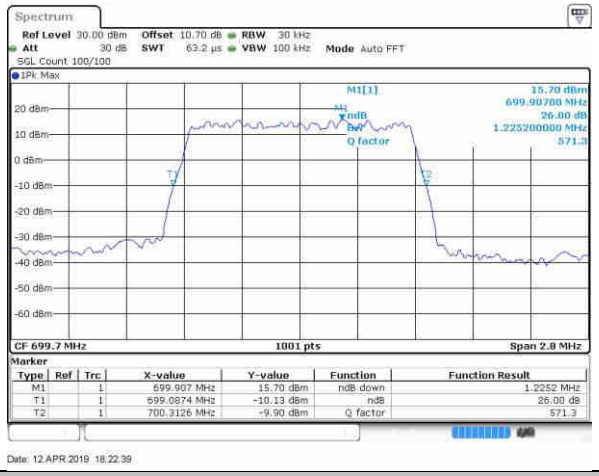


26dB Bandwidth

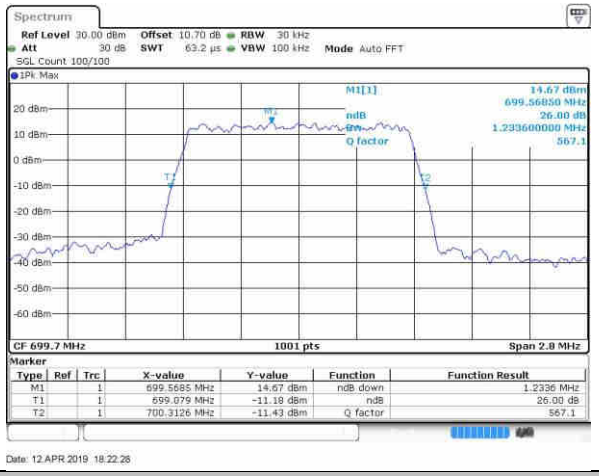
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.23	1.23	3.01	2.98	4.83	4.89	9.71	9.73	-	-	-	-
Middle CH	1.24	1.22	3.03	3.00	4.81	4.91	9.85	9.81	-	-	-	-
Highest CH	1.22	1.21	3.05	2.95	4.88	4.90	9.73	9.81	-	-	-	-
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.22	-	3.04	-	4.95	-	9.71	-	-	-	-	-
Middle CH	1.23	-	3.03	-	4.87	-	9.75	-	-	-	-	-
Highest CH	1.22	-	3.00	-	4.84	-	9.69	-	-	-	-	-

LTE Band 12

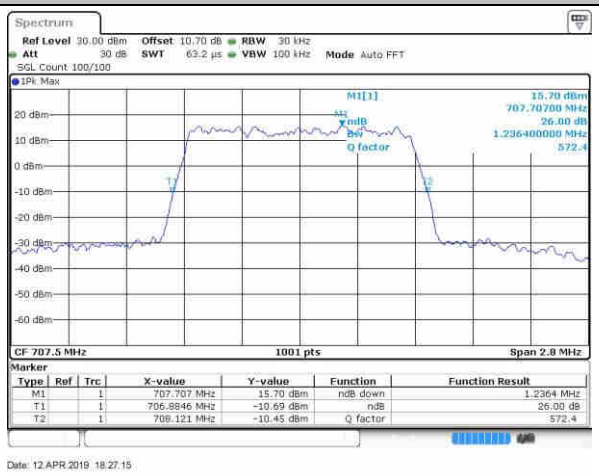
Lowest Channel / 1.4MHz / QPSK



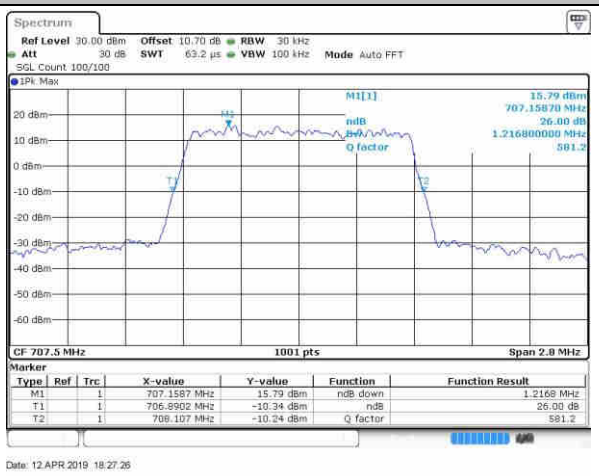
Lowest Channel / 1.4MHz / 16QAM



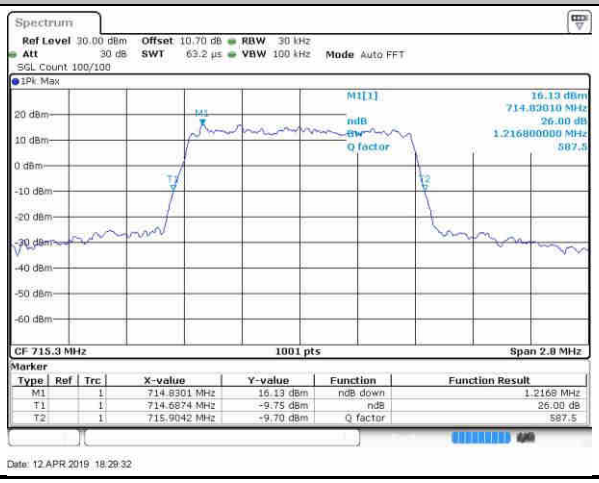
Middle Channel / 1.4MHz / QPSK



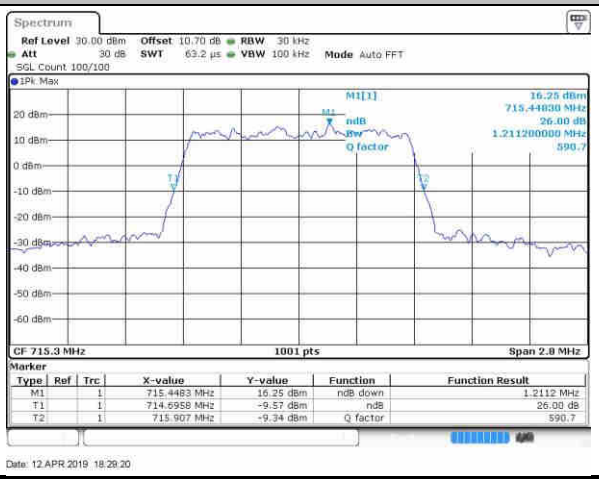
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

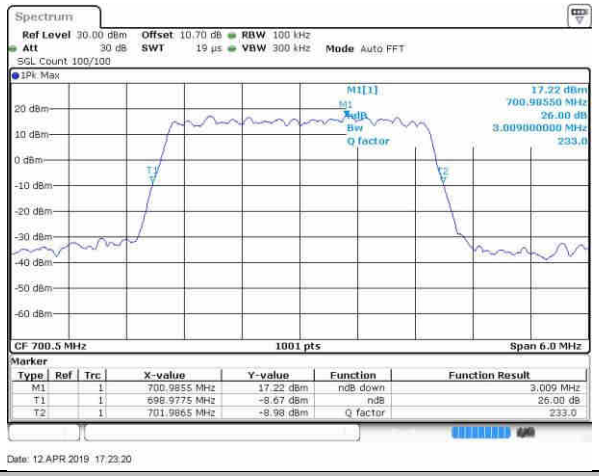


Highest Channel / 1.4MHz / 16QAM

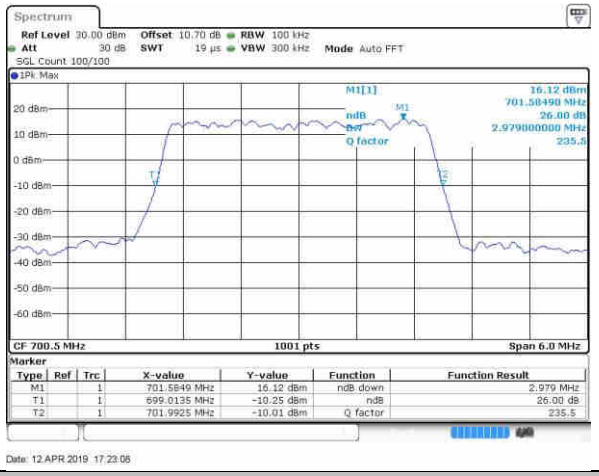


LTE Band 12

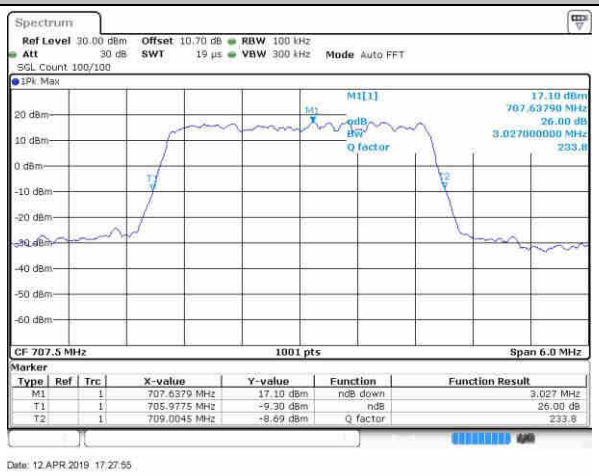
Lowest Channel / 3MHz / QPSK



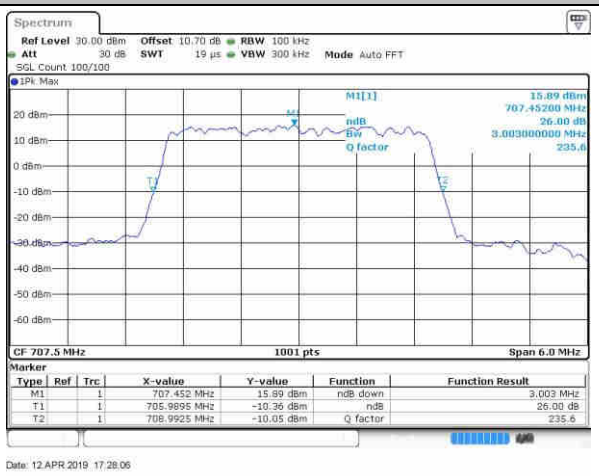
Lowest Channel / 3MHz / 16QAM



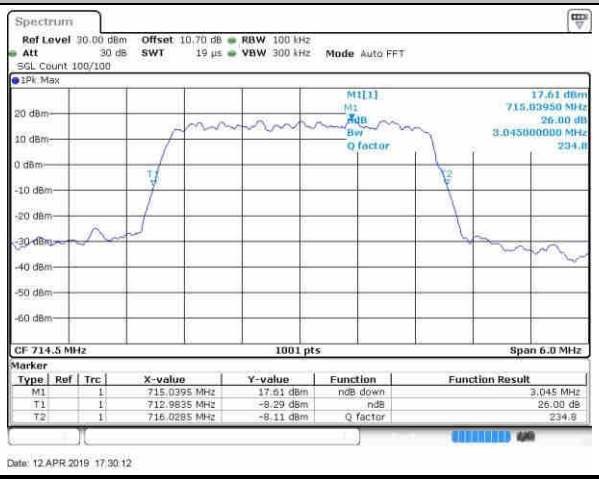
Middle Channel / 3MHz / QPSK



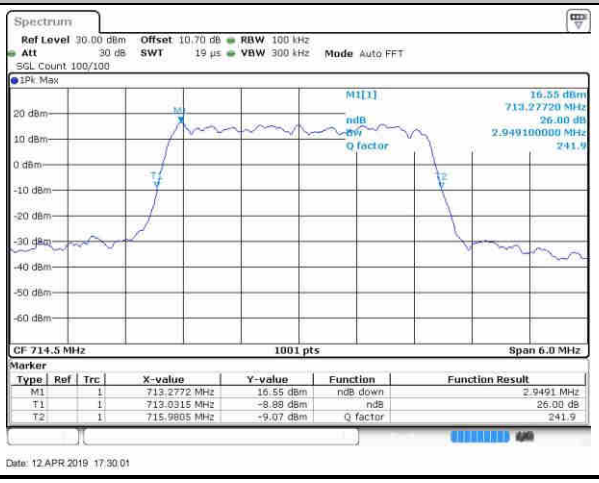
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

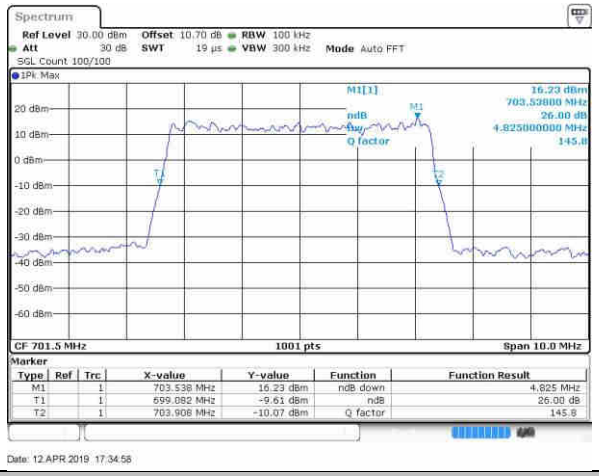


Highest Channel / 3MHz / 16QAM

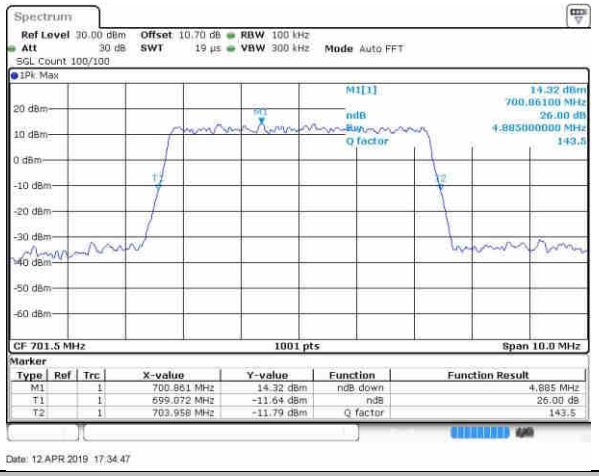


LTE Band 12

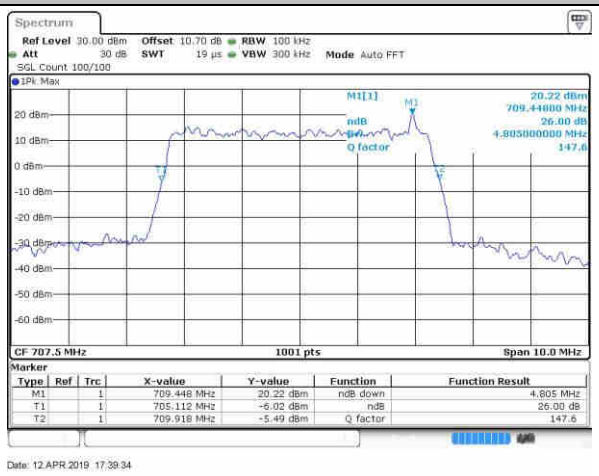
Lowest Channel / 5MHz / QPSK



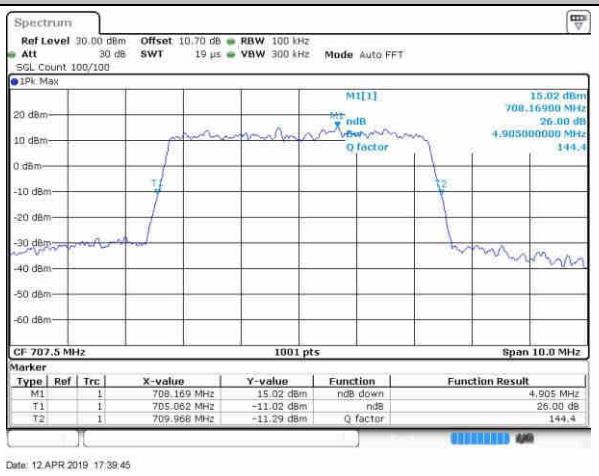
Lowest Channel / 5MHz / 16QAM



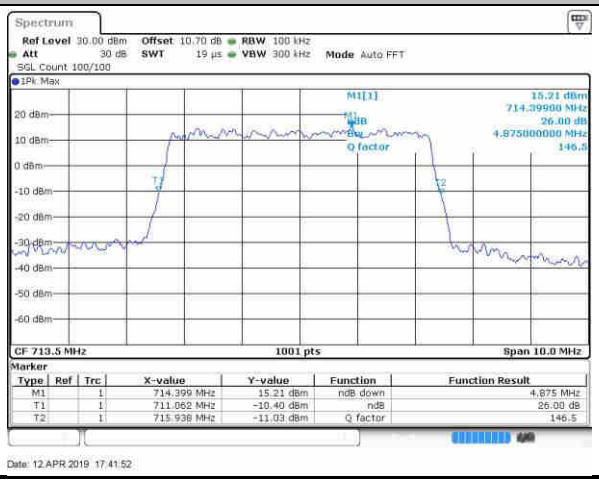
Middle Channel / 5MHz / QPSK



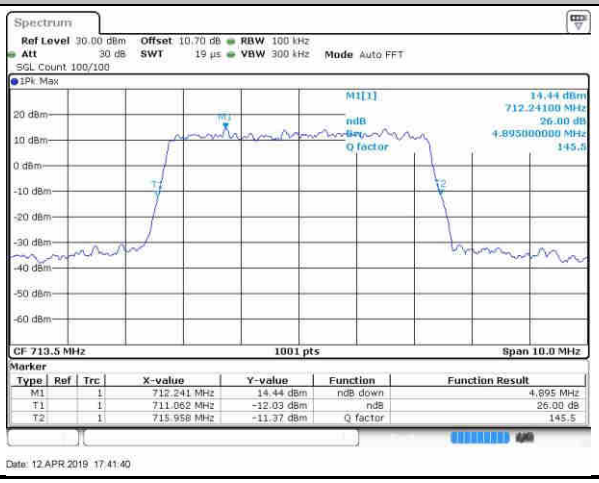
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

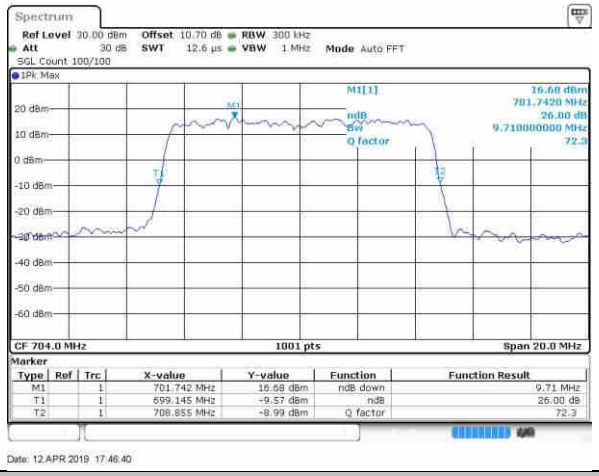


Highest Channel / 5MHz / 16QAM

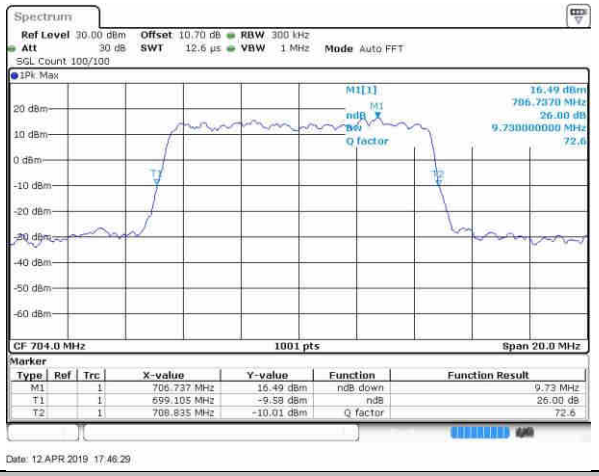


LTE Band 12

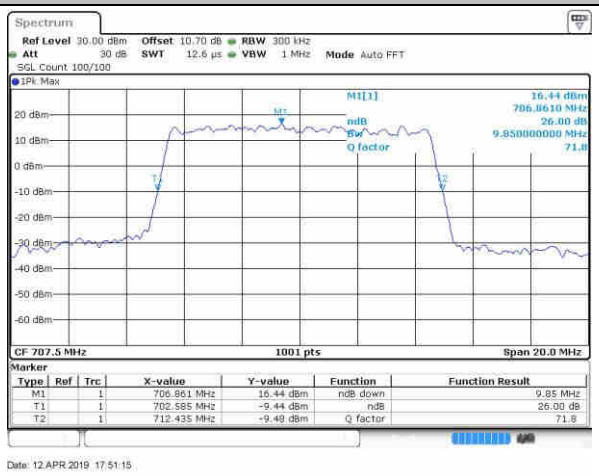
Lowest Channel / 10MHz / QPSK



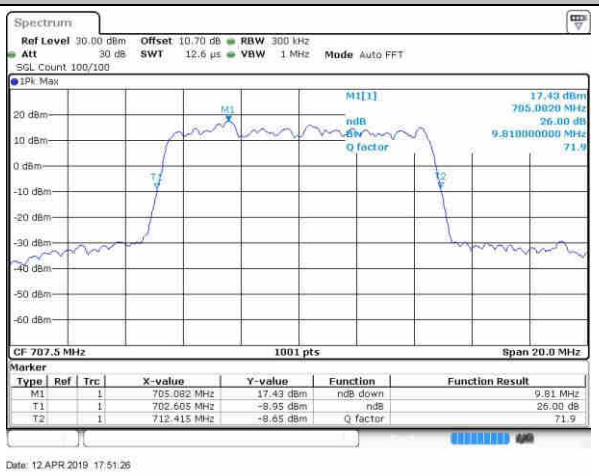
Lowest Channel / 10MHz / 16QAM



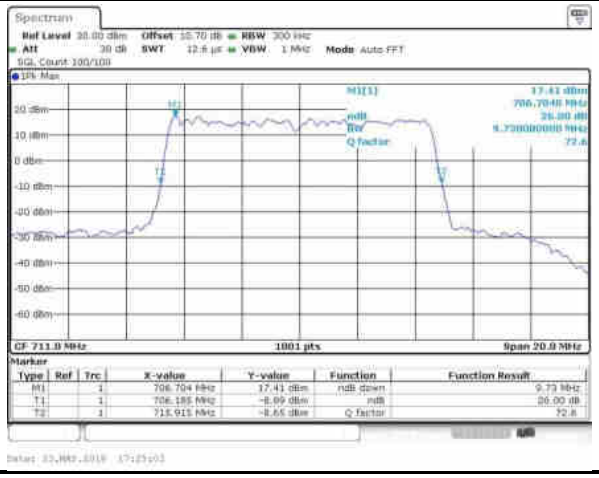
Middle Channel / 10MHz / QPSK



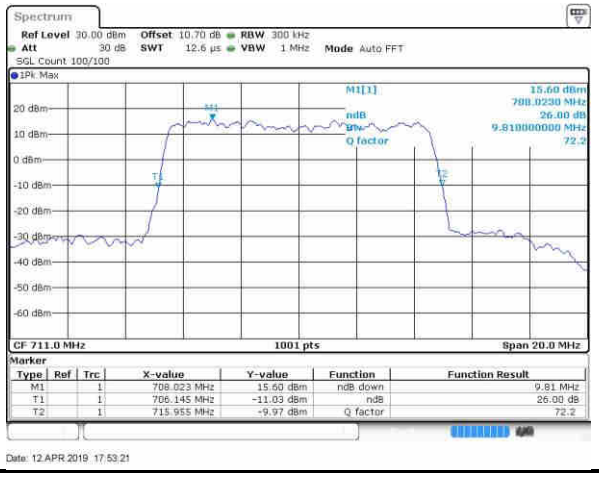
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

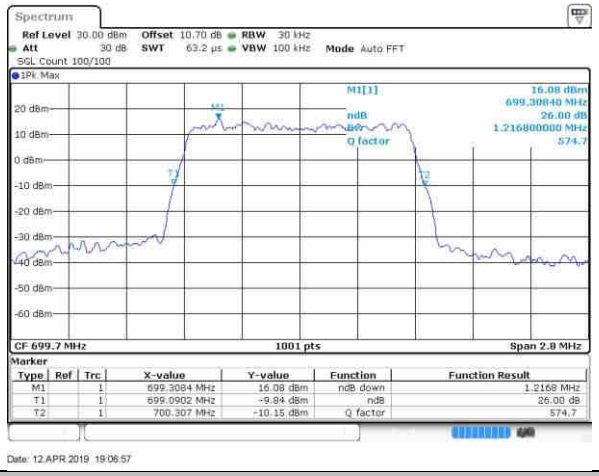


Highest Channel / 10MHz / 16QAM

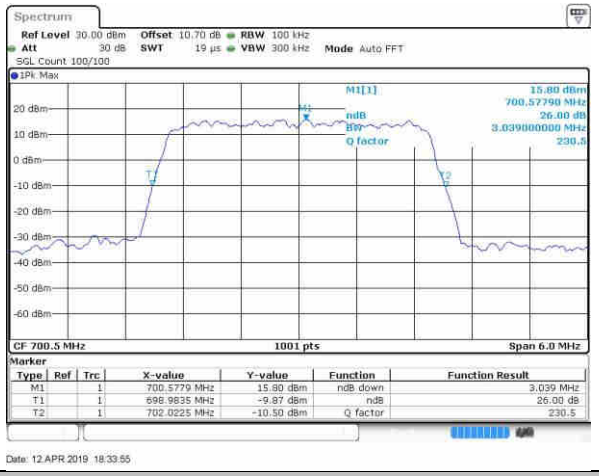


LTE Band 12

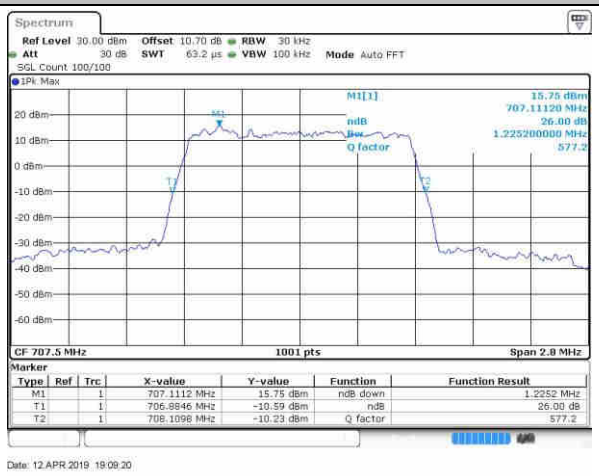
Lowest Channel / 1.4MHz / 64QAM



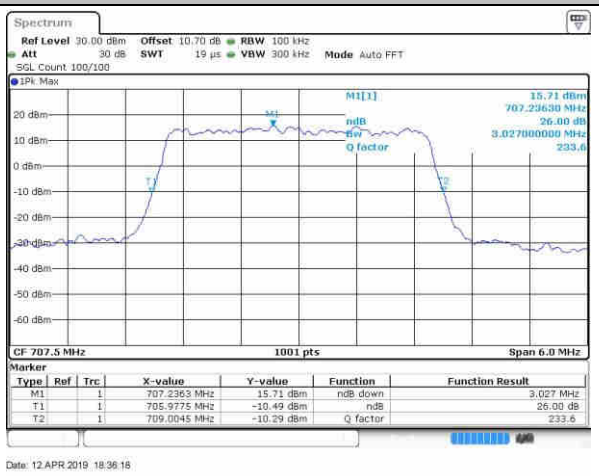
Lowest Channel / 3MHz / 64QAM



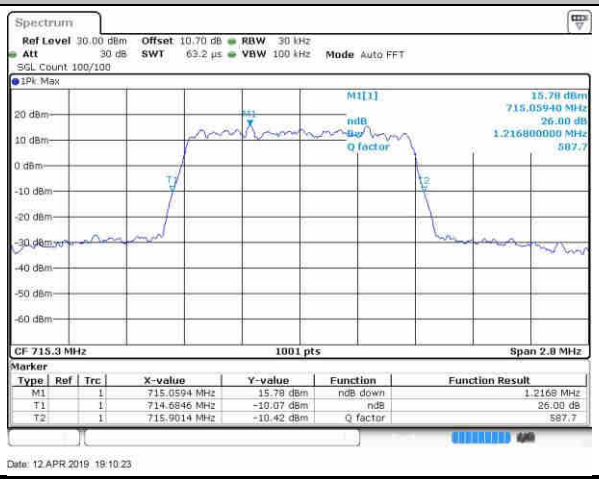
Middle Channel / 1.4MHz / 64QAM



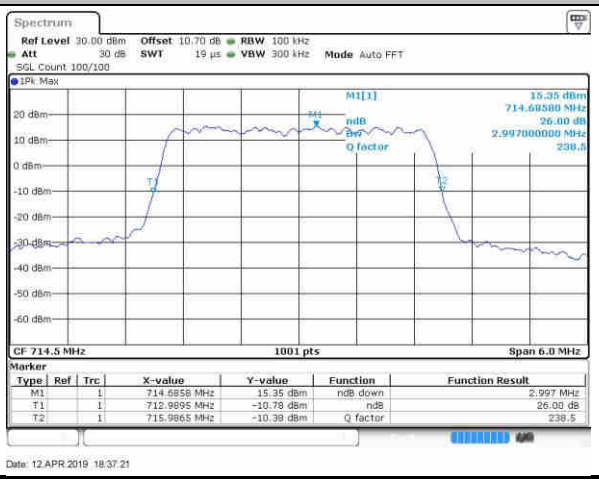
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

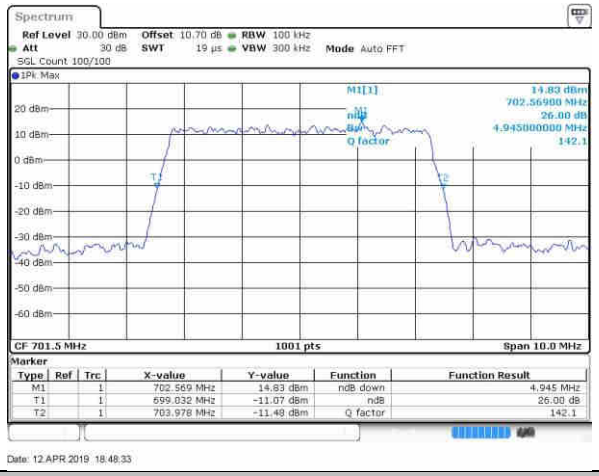


Highest Channel / 3MHz / 64QAM

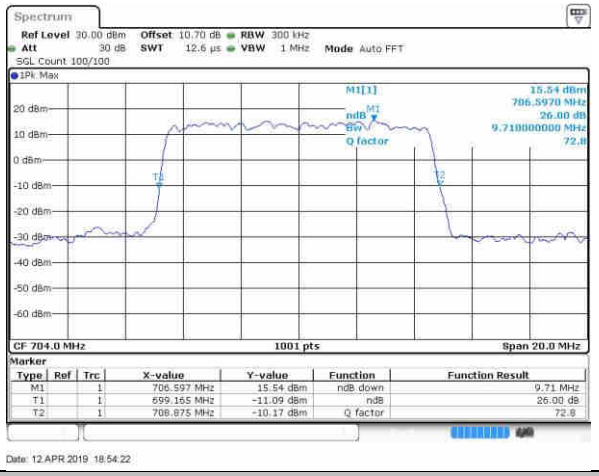


LTE Band 12

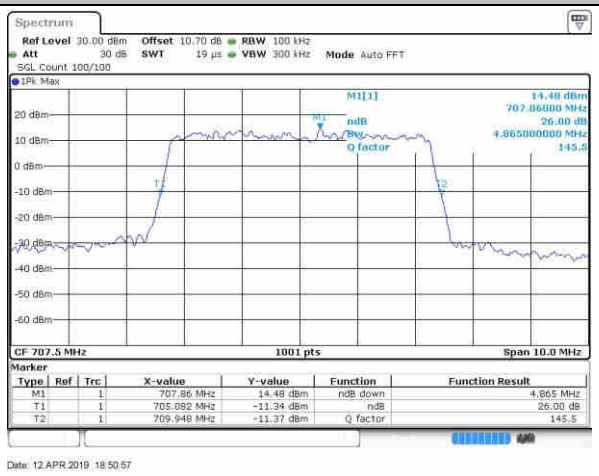
Lowest Channel / 5MHz / 64QAM



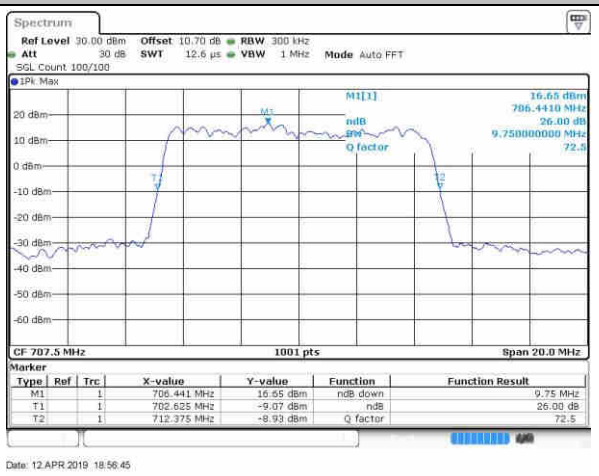
Lowest Channel / 10MHz / 64QAM



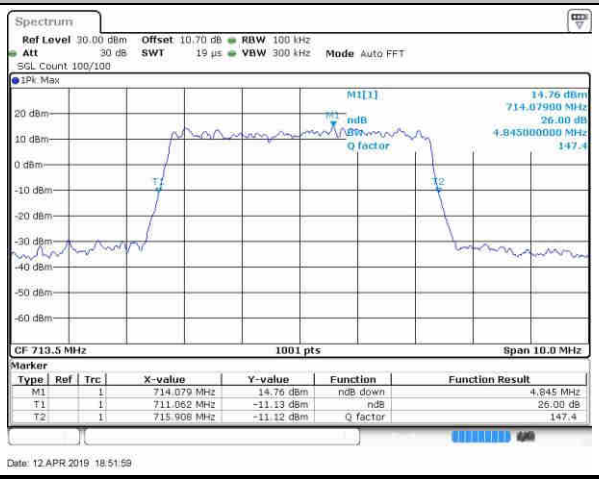
Middle Channel / 5MHz / 64QAM



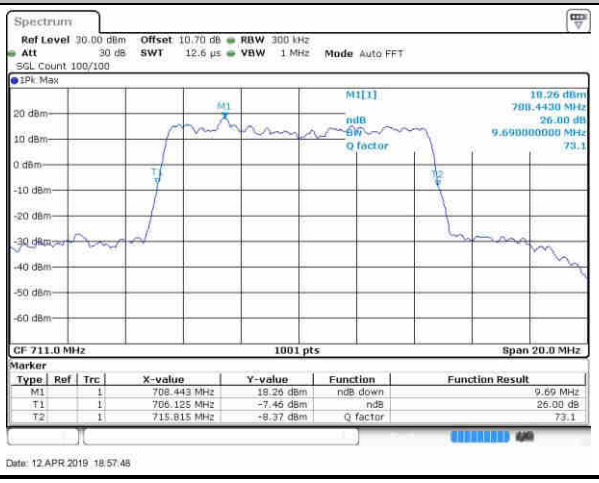
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

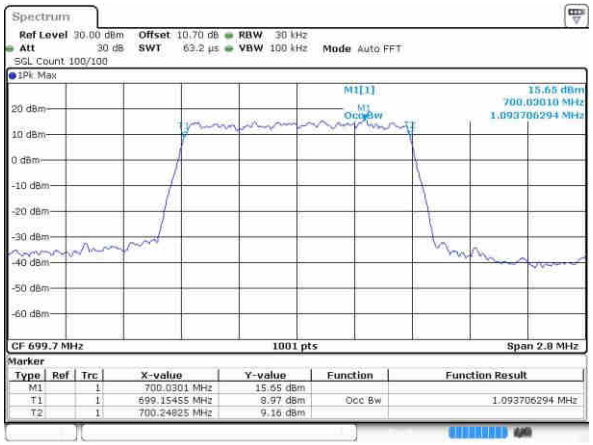


Occupied Bandwidth

Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.71	2.7	4.51	4.5	9.03	9.03	-	-	-	-
Middle CH	1.09	1.09	2.7	2.73	4.51	4.51	9.03	8.99	-	-	-	-
Highest CH	1.08	1.08	2.73	2.73	4.49	4.48	9.05	8.97	-	-	-	-
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.71	-	4.51	-	8.99	-	-	-	-	-
Middle CH	1.09	-	2.72	-	4.47	-	8.97	-	-	-	-	-
Highest CH	1.09	-	2.71	-	4.47	-	8.99	-	-	-	-	-

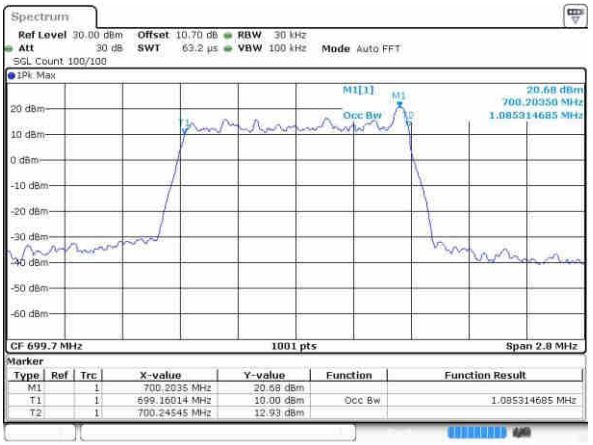
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



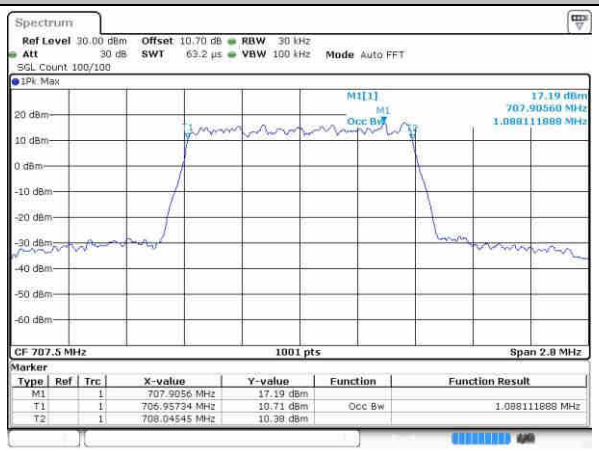
Date: 12.APR.2019 20:28:10

Lowest Channel / 1.4MHz / 16QAM



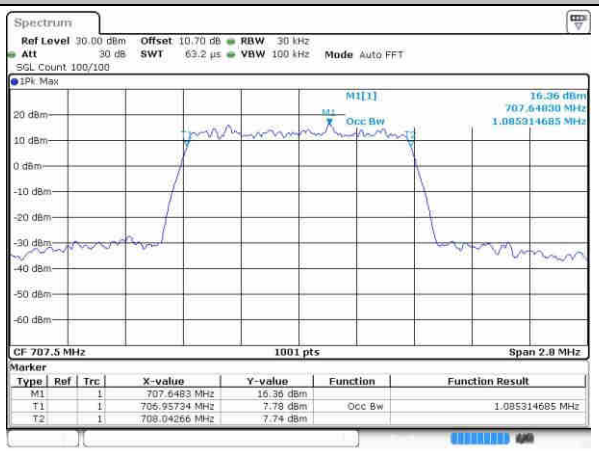
Date: 12.APR.2019 18:22:17

Middle Channel / 1.4MHz / QPSK



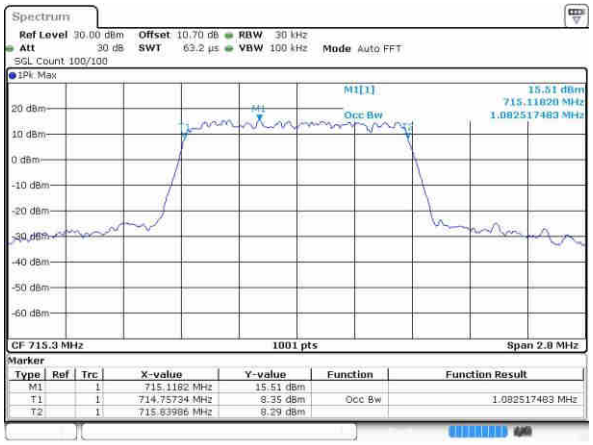
Date: 12.APR.2019 18:27:03

Middle Channel / 1.4MHz / 16QAM



Date: 12.APR.2019 18:26:52

Highest Channel / 1.4MHz / QPSK



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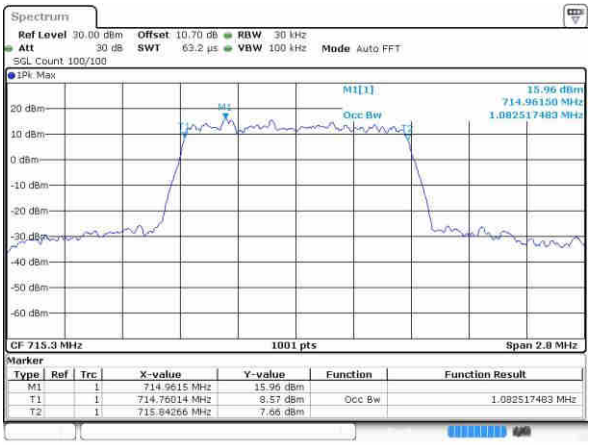
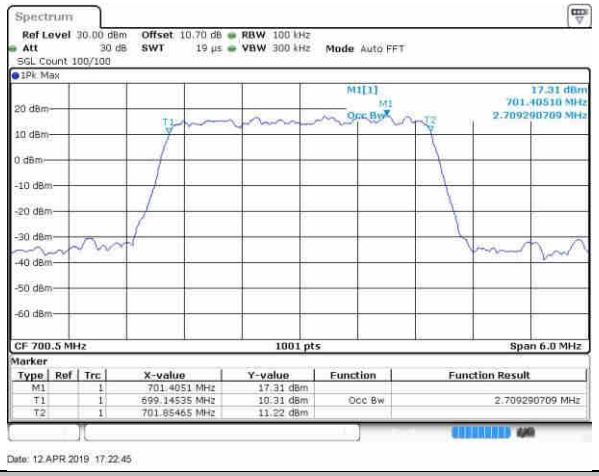
Highest Channel / 1.4MHz / 16QAM



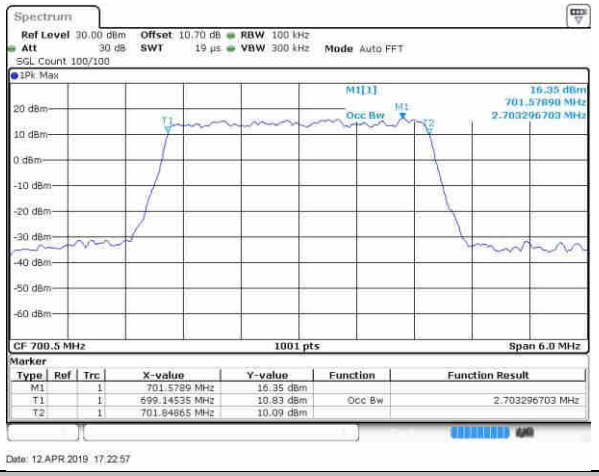
Date: 12.APR.2019 18:29:09

LTE Band 12

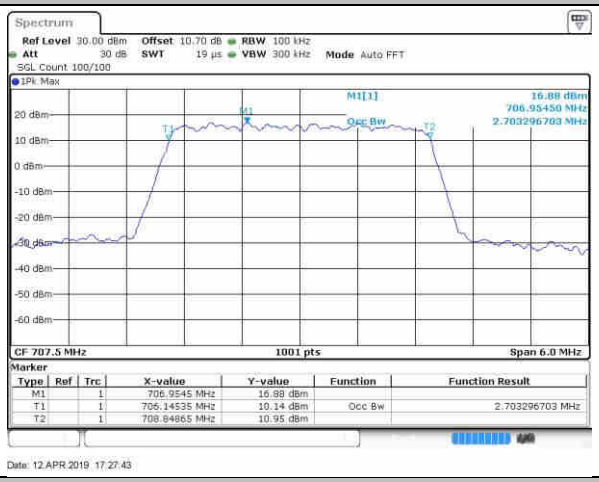
Lowest Channel / 3MHz / QPSK



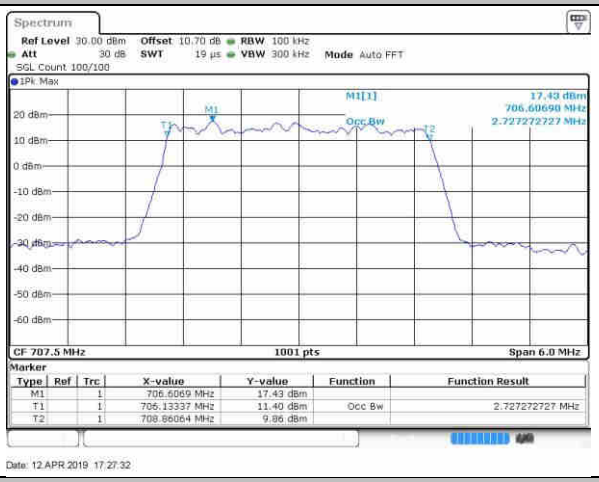
Lowest Channel / 3MHz / 16QAM



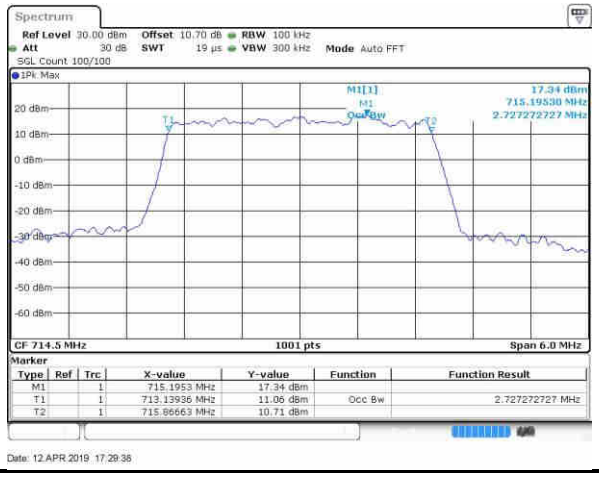
Middle Channel / 3MHz / QPSK



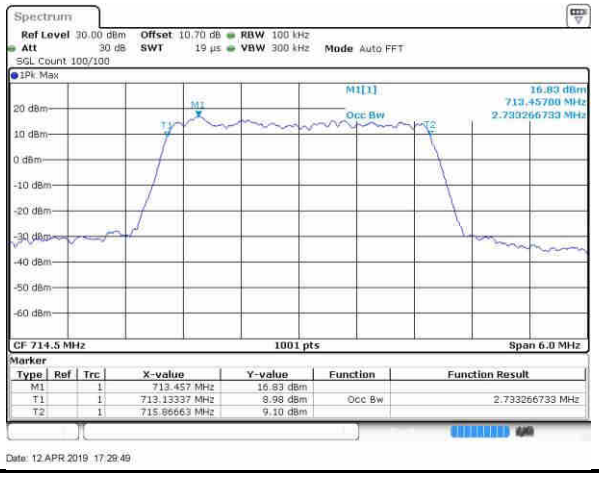
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

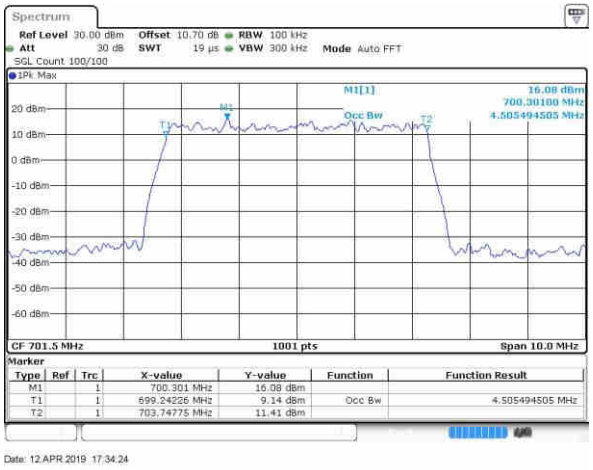


Highest Channel / 3MHz / 16QAM

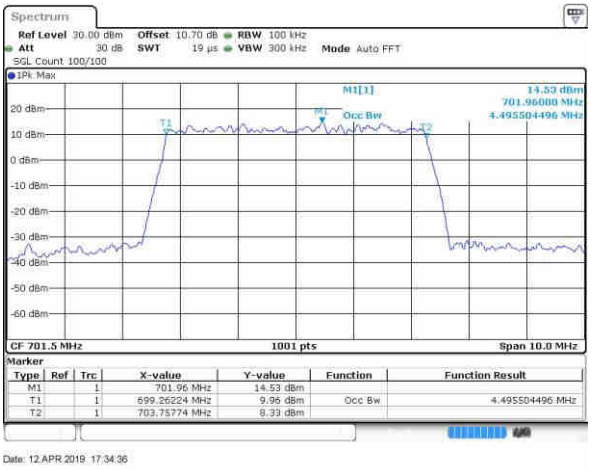


LTE Band 12

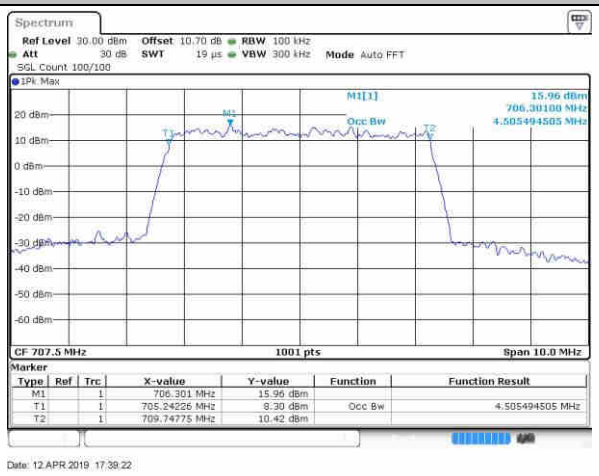
Lowest Channel / 5MHz / QPSK



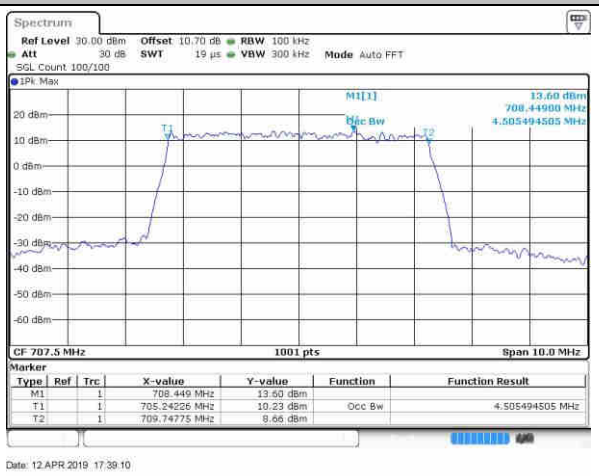
Lowest Channel / 5MHz / 16QAM



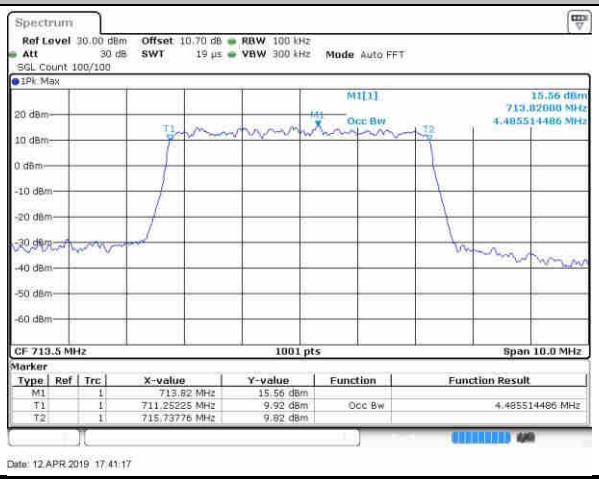
Middle Channel / 5MHz / QPSK



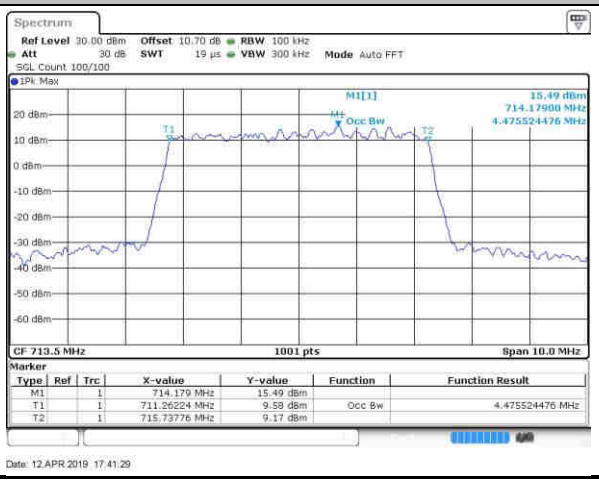
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

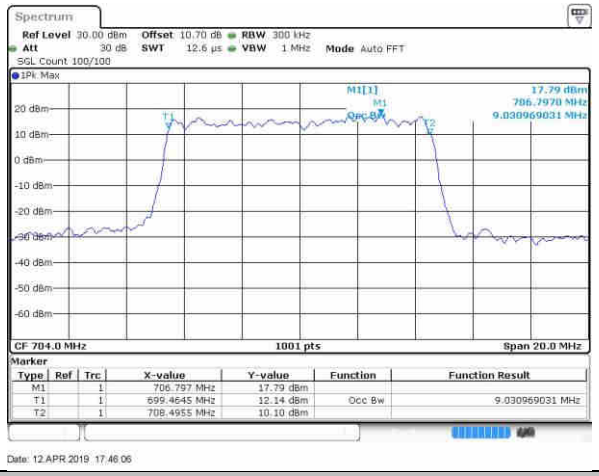


Highest Channel / 5MHz / 16QAM

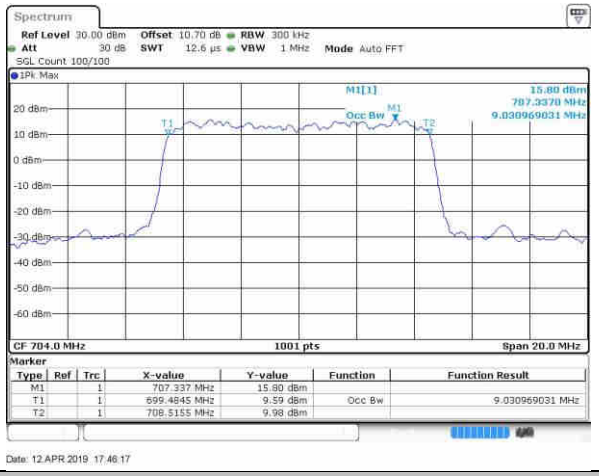


LTE Band 12

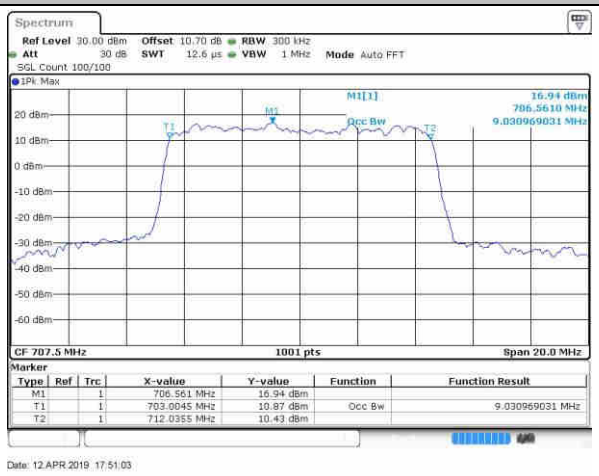
Lowest Channel / 10MHz / QPSK



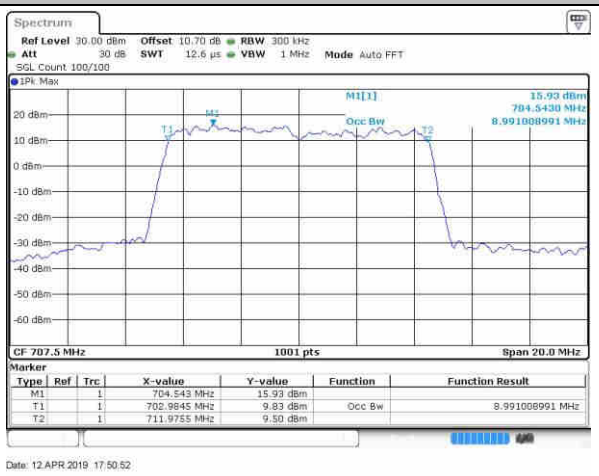
Lowest Channel / 10MHz / 16QAM



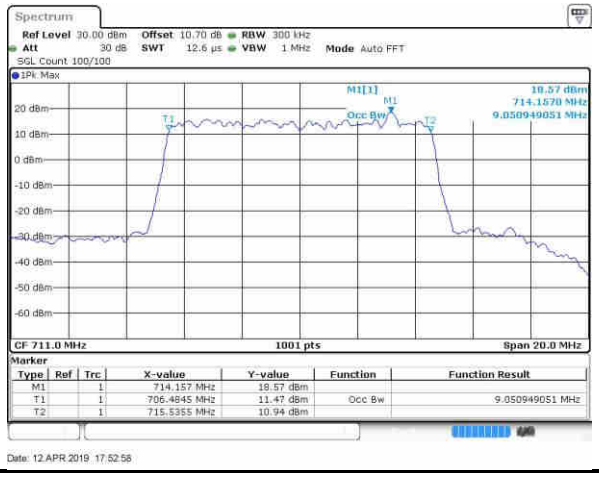
Middle Channel / 10MHz / QPSK



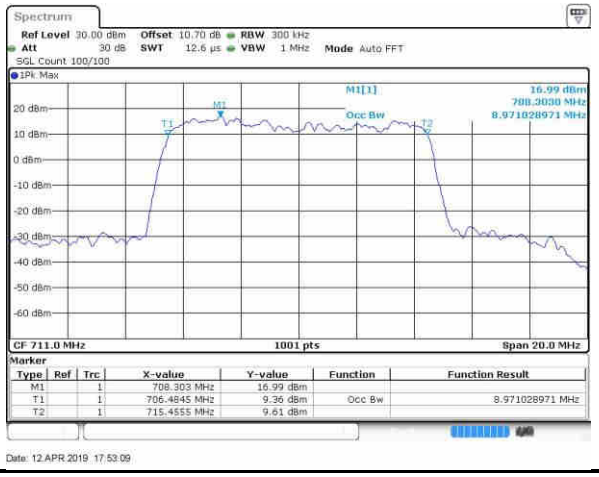
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

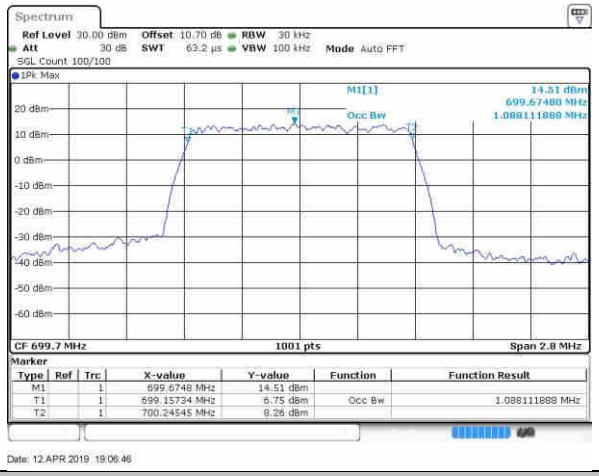


Highest Channel / 10MHz / 16QAM

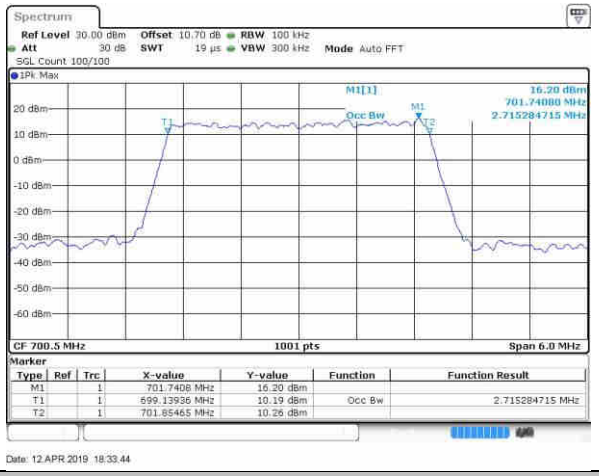


LTE Band 12

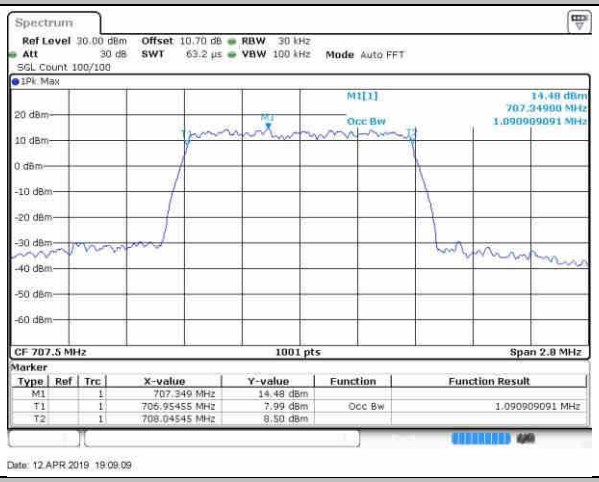
Lowest Channel / 1.4MHz / 64QAM



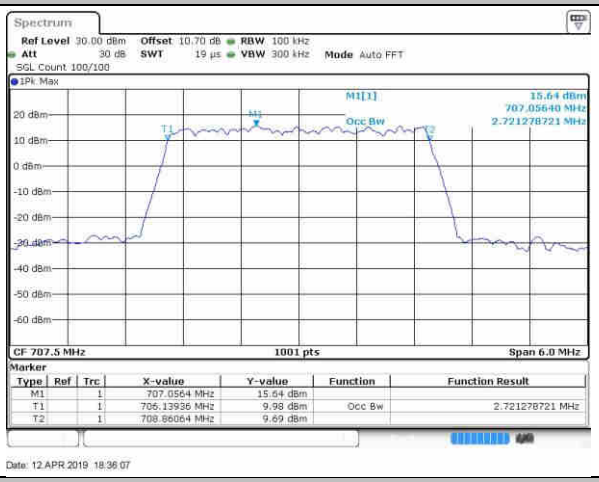
Lowest Channel / 3MHz / 64QAM



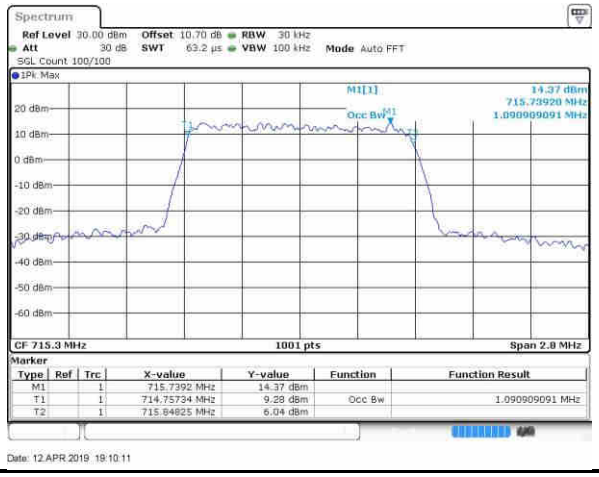
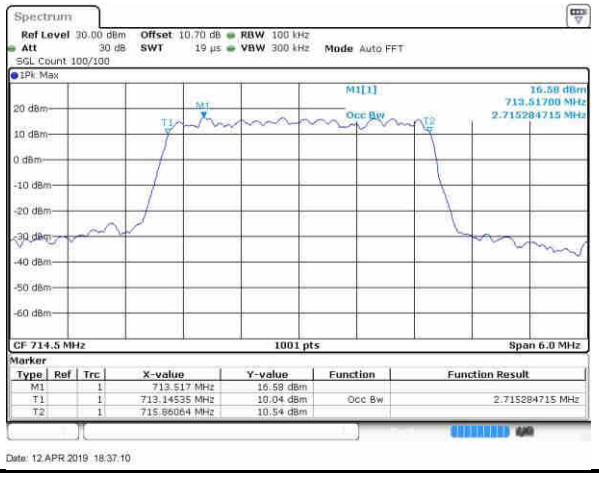
Middle Channel / 1.4MHz / 64QAM



Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



Highest Channel / 3MHz / 64QAM