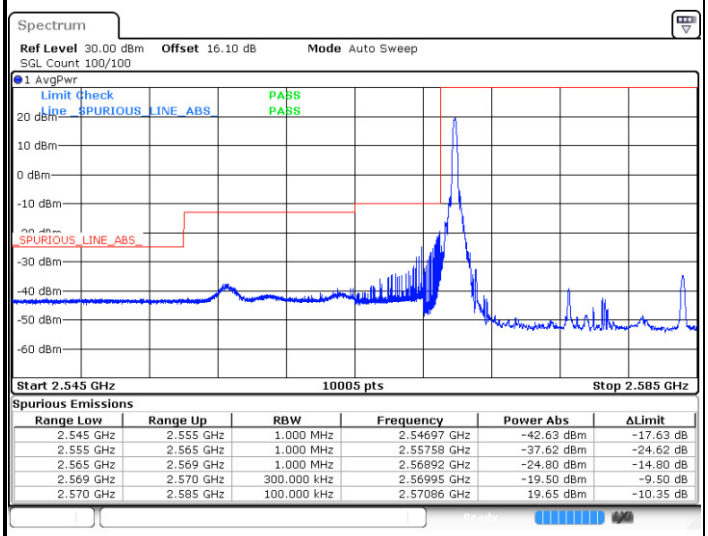
LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

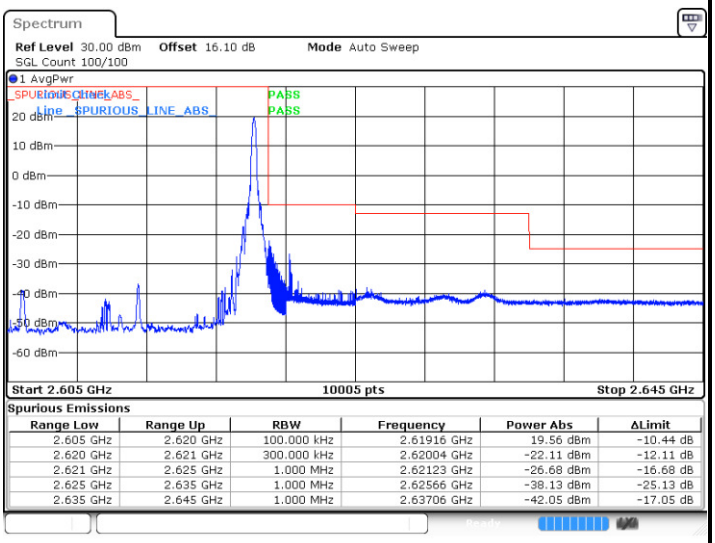


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.555 GHz	1.000 MHz	2.54697 GHz	-42.63 dBm	-17.63 dB
2.555 GHz	2.565 GHz	1.000 MHz	2.55758 GHz	-37.62 dBm	-24.62 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56892 GHz	-24.80 dBm	-14.80 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56995 GHz	-19.50 dBm	-9.50 dB
2.570 GHz	2.585 GHz	100.000 kHz	2.57086 GHz	19.65 dBm	-10.35 dB

Date: 16.FEB.2018 11:03:26

Highest Band Edge / 1 RB

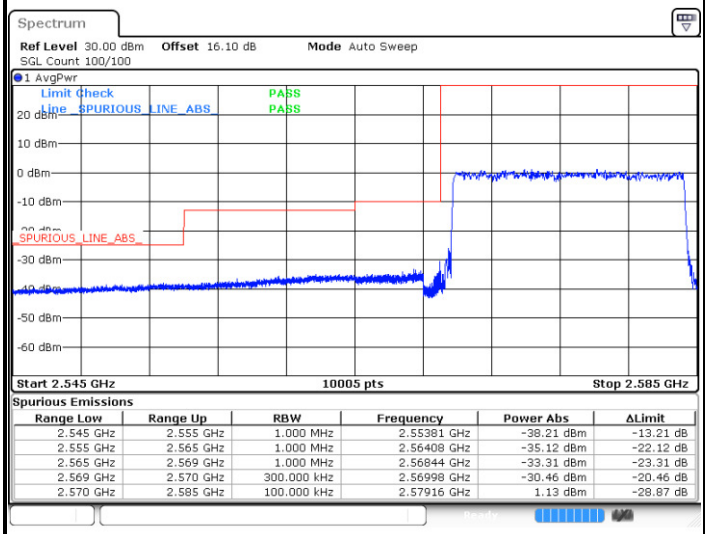


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.620 GHz	100.000 kHz	2.61916 GHz	19.56 dBm	-10.44 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62004 GHz	-22.11 dBm	-12.11 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62123 GHz	-26.68 dBm	-16.68 dB
2.625 GHz	2.635 GHz	1.000 MHz	2.62566 GHz	-38.13 dBm	-25.13 dB
2.635 GHz	2.645 GHz	1.000 MHz	2.63706 GHz	-42.05 dBm	-17.05 dB

Date: 16.FEB.2018 11:10:12

Lowest Band Edge / Full RB

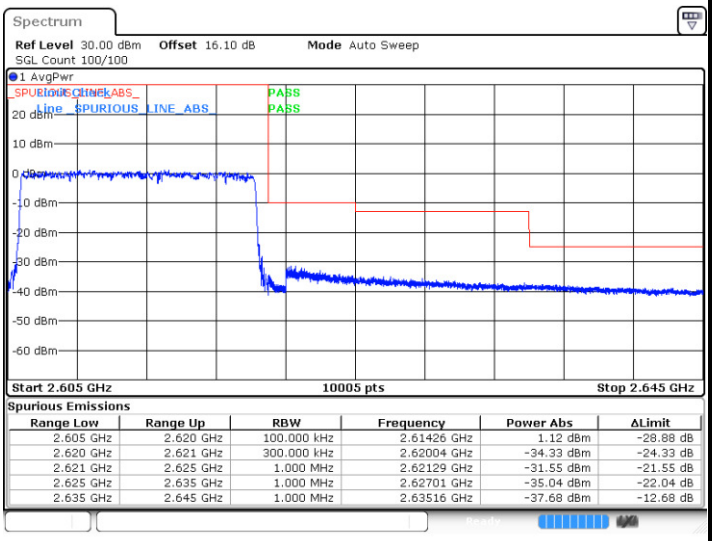


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.555 GHz	1.000 MHz	2.55381 GHz	-38.21 dBm	-13.21 dB
2.555 GHz	2.565 GHz	1.000 MHz	2.56408 GHz	-35.12 dBm	-22.12 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56844 GHz	-33.31 dBm	-23.31 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56998 GHz	-30.46 dBm	-20.46 dB
2.570 GHz	2.585 GHz	100.000 kHz	2.57916 GHz	1.13 dBm	-28.87 dB

Date: 16.FEB.2018 11:05:42

Highest Band Edge / Full RB



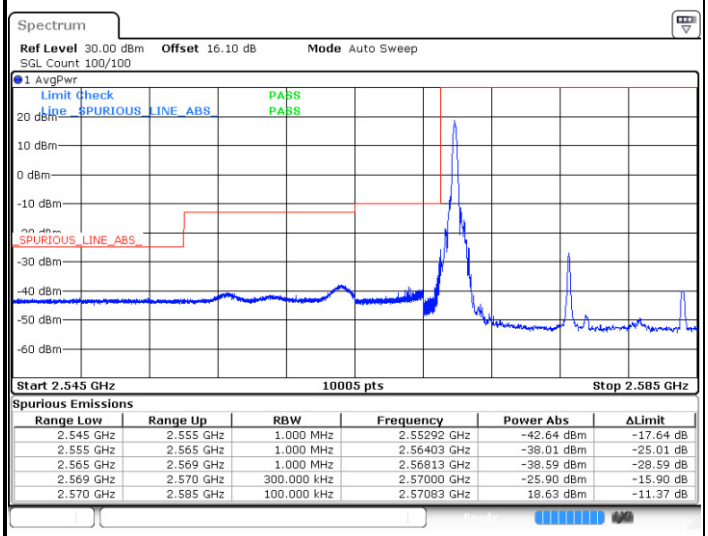
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.620 GHz	100.000 kHz	2.61426 GHz	1.12 dBm	-28.88 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62004 GHz	-34.33 dBm	-24.33 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62129 GHz	-31.55 dBm	-21.55 dB
2.625 GHz	2.635 GHz	1.000 MHz	2.62701 GHz	-35.04 dBm	-22.04 dB
2.635 GHz	2.645 GHz	1.000 MHz	2.63516 GHz	-37.68 dBm	-12.68 dB

Date: 16.FEB.2018 11:07:57

LTE Band 38 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

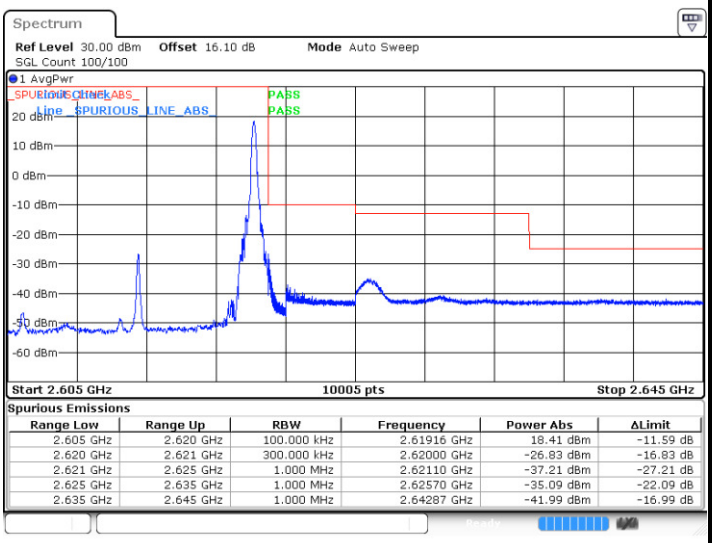


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.555 GHz	1.000 MHz	2.55292 GHz	-42.64 dBm	-17.64 dB
2.555 GHz	2.565 GHz	1.000 MHz	2.56403 GHz	-38.01 dBm	-25.01 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56813 GHz	-38.59 dBm	-28.59 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.57000 GHz	-25.90 dBm	-15.90 dB
2.570 GHz	2.585 GHz	100.000 kHz	2.57083 GHz	18.63 dBm	-11.37 dB

Date: 16.FEB.2018 12:13:02

Highest Band Edge / 1 RB

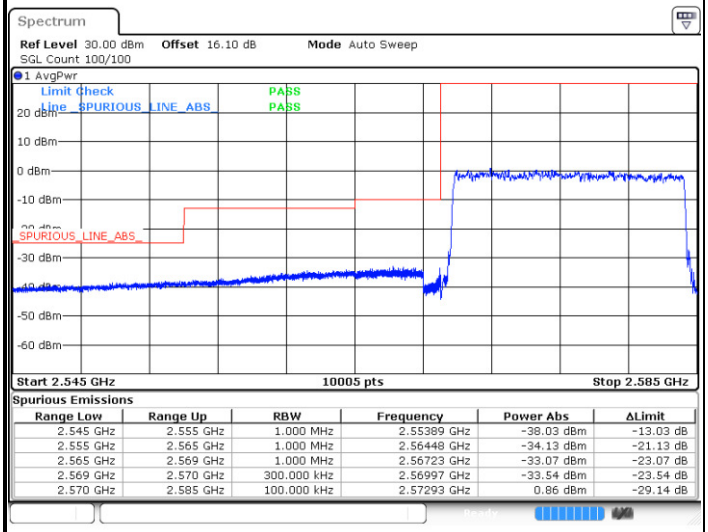


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.620 GHz	100.000 kHz	2.61916 GHz	18.41 dBm	-11.59 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62000 GHz	-26.83 dBm	-16.83 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62110 GHz	-37.21 dBm	-27.21 dB
2.625 GHz	2.635 GHz	1.000 MHz	2.62570 GHz	-35.09 dBm	-22.09 dB
2.635 GHz	2.645 GHz	1.000 MHz	2.64287 GHz	-41.99 dBm	-16.99 dB

Date: 16.FEB.2018 12:16:25

Lowest Band Edge / Full RB

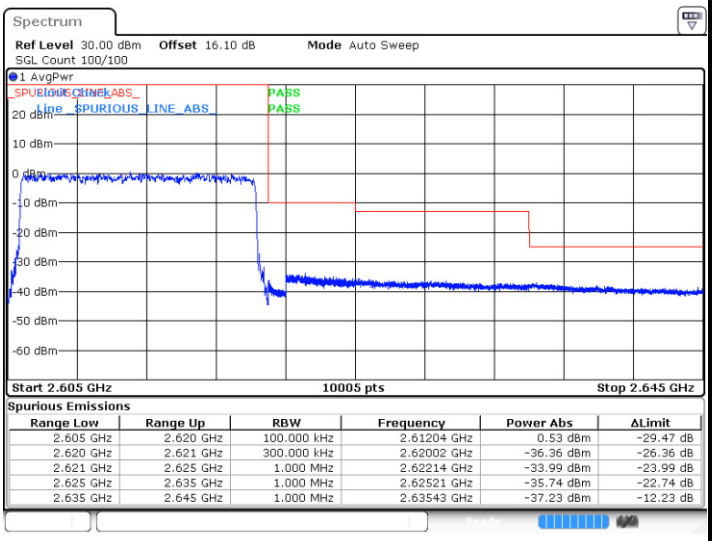


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.555 GHz	1.000 MHz	2.55389 GHz	-38.03 dBm	-13.03 dB
2.555 GHz	2.565 GHz	1.000 MHz	2.56448 GHz	-34.13 dBm	-21.13 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56723 GHz	-33.07 dBm	-23.07 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56997 GHz	-33.54 dBm	-23.54 dB
2.570 GHz	2.585 GHz	100.000 kHz	2.57293 GHz	0.86 dBm	-29.14 dB

Date: 16.FEB.2018 12:14:09

Highest Band Edge / Full RB



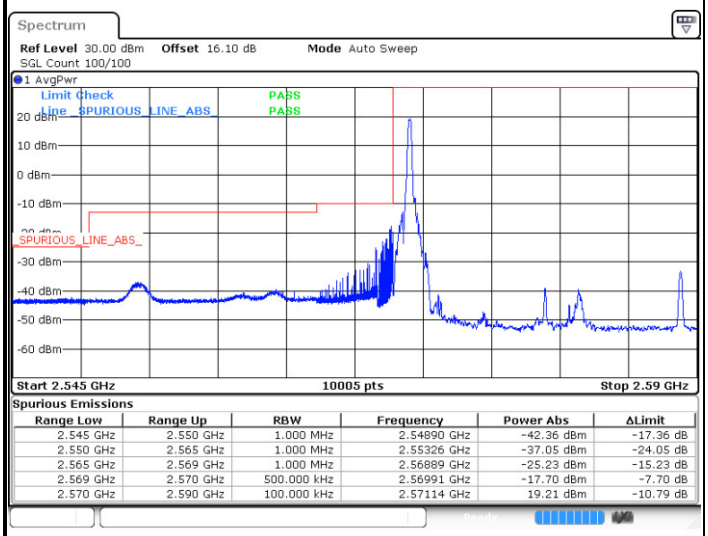
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.620 GHz	100.000 kHz	2.61204 GHz	0.53 dBm	-29.47 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62002 GHz	-36.36 dBm	-26.36 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62214 GHz	-33.99 dBm	-23.99 dB
2.625 GHz	2.635 GHz	1.000 MHz	2.62521 GHz	-35.74 dBm	-22.74 dB
2.635 GHz	2.645 GHz	1.000 MHz	2.63543 GHz	-37.23 dBm	-12.23 dB

Date: 16.FEB.2018 12:15:17

LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB

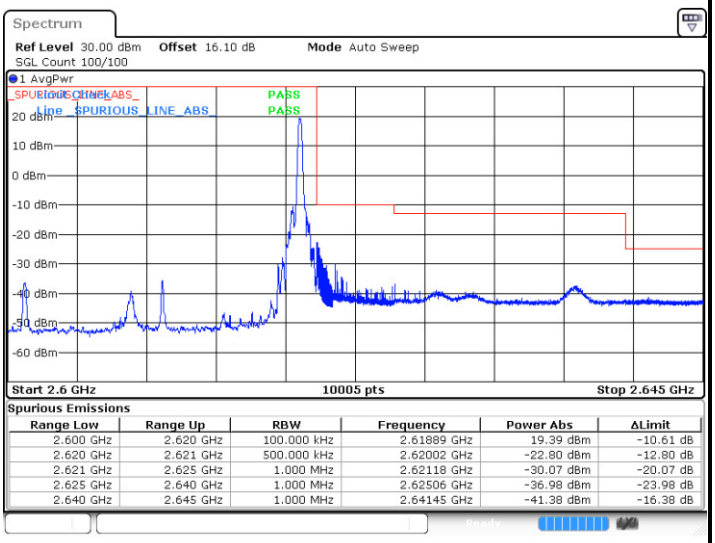


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54890 GHz	-42.36 dBm	-17.36 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.55326 GHz	-37.05 dBm	-24.05 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56889 GHz	-25.23 dBm	-15.23 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56991 GHz	-17.70 dBm	-7.70 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.57114 GHz	19.21 dBm	-10.79 dB

Date: 16.FEB.2018 11:11:19

Highest Band Edge / 1 RB

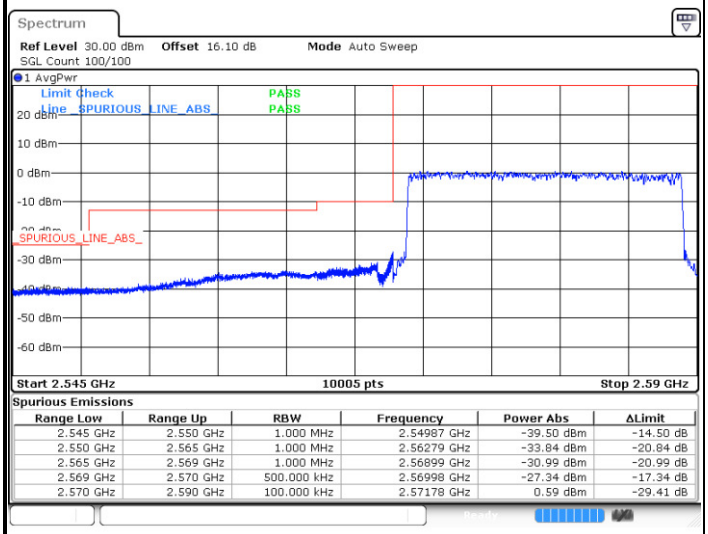


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.61889 GHz	19.39 dBm	-10.61 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62002 GHz	-22.80 dBm	-12.80 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62118 GHz	-30.07 dBm	-20.07 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62506 GHz	-36.98 dBm	-23.98 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64145 GHz	-41.38 dBm	-16.38 dB

Date: 16.FEB.2018 11:18:05

Lowest Band Edge / Full RB

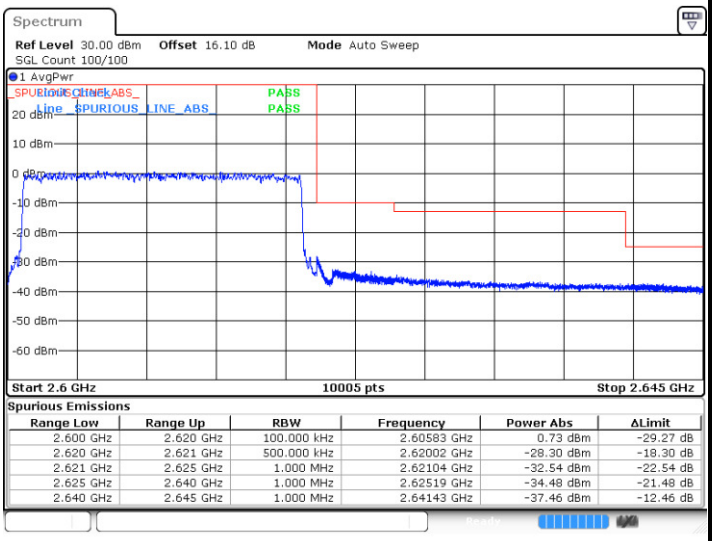


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54987 GHz	-39.50 dBm	-14.50 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56279 GHz	-33.84 dBm	-20.84 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56899 GHz	-30.99 dBm	-20.99 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56998 GHz	-27.34 dBm	-17.34 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.57178 GHz	0.59 dBm	-29.41 dB

Date: 16.FEB.2018 11:13:35

Highest Band Edge / Full RB



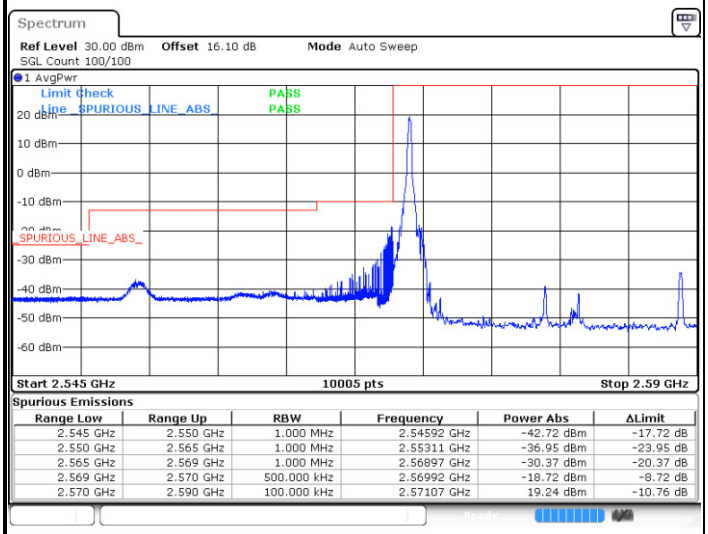
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.60583 GHz	0.73 dBm	-29.27 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62002 GHz	-28.30 dBm	-18.30 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62104 GHz	-32.54 dBm	-22.54 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62519 GHz	-34.48 dBm	-21.48 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64143 GHz	-37.46 dBm	-12.46 dB

Date: 16.FEB.2018 11:15:50

LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

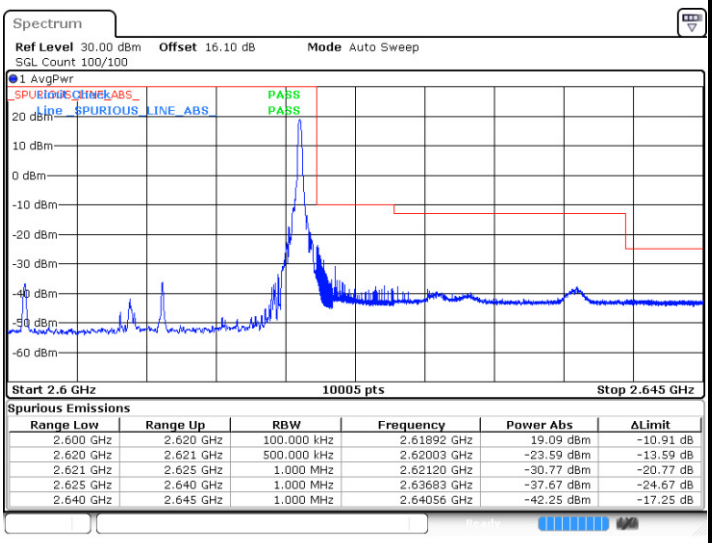


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54592 GHz	-42.72 dBm	-17.72 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.55311 GHz	-36.95 dBm	-23.95 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56897 GHz	-30.37 dBm	-20.37 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56992 GHz	-18.72 dBm	-8.72 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.57107 GHz	19.24 dBm	-10.76 dB

Date: 16.FEB.2018 11:12:27

Highest Band Edge / 1 RB

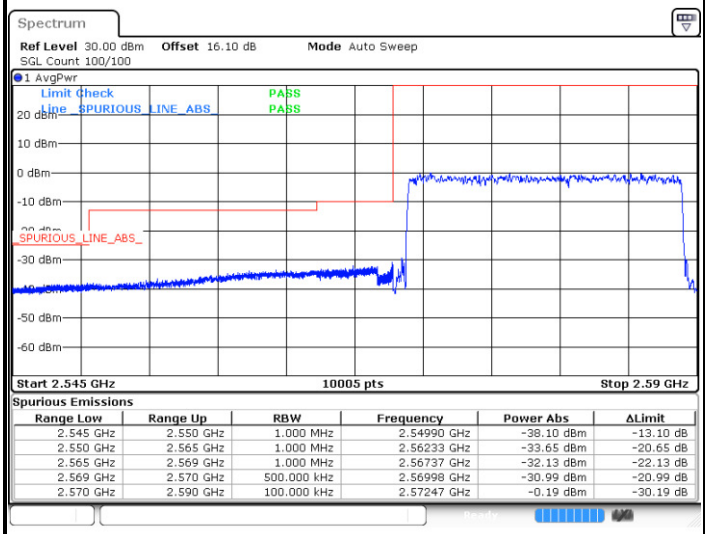


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.61892 GHz	19.09 dBm	-10.91 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62003 GHz	-23.59 dBm	-13.59 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62120 GHz	-30.77 dBm	-20.77 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.63683 GHz	-37.67 dBm	-24.67 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64056 GHz	-42.25 dBm	-17.25 dB

Date: 16.FEB.2018 11:19:13

Lowest Band Edge / Full RB

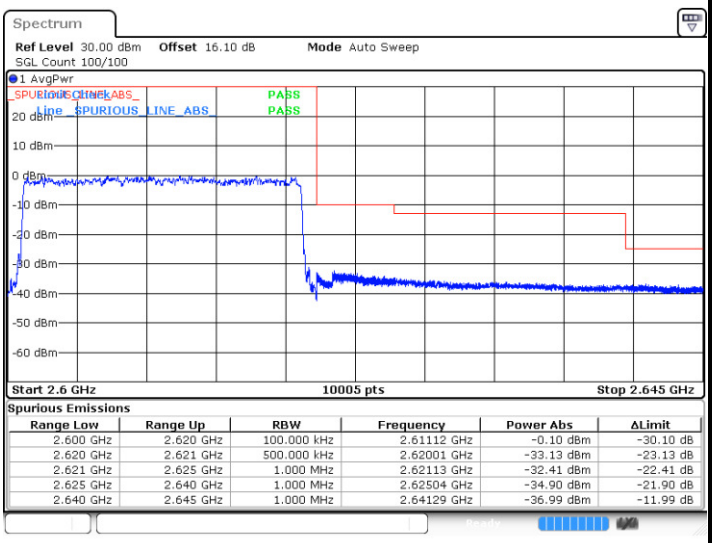


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54990 GHz	-38.10 dBm	-13.10 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56233 GHz	-33.65 dBm	-20.65 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56737 GHz	-32.13 dBm	-22.13 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56998 GHz	-30.99 dBm	-20.99 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.57247 GHz	-0.19 dBm	-30.19 dB

Date: 16.FEB.2018 11:14:42

Highest Band Edge / Full RB



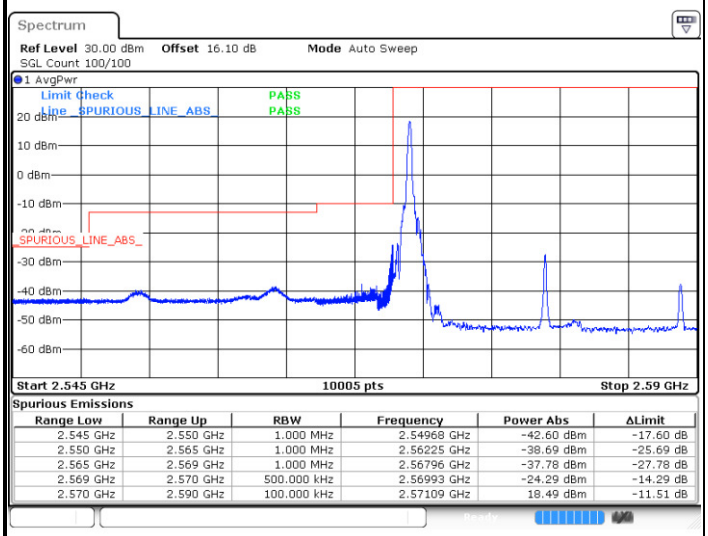
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.61112 GHz	-0.10 dBm	-30.10 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62001 GHz	-33.13 dBm	-23.13 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62113 GHz	-32.41 dBm	-22.41 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62504 GHz	-34.90 dBm	-21.90 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64129 GHz	-36.99 dBm	-11.99 dB

Date: 16.FEB.2018 11:16:57

LTE Band 38 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

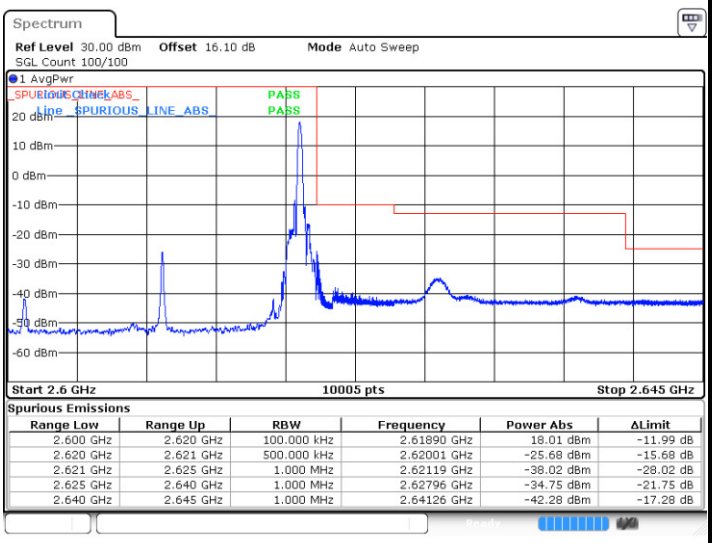


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54968 GHz	-42.60 dBm	-17.60 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56225 GHz	-38.69 dBm	-25.69 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56796 GHz	-37.78 dBm	-27.78 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56993 GHz	-24.29 dBm	-14.29 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.57109 GHz	18.49 dBm	-11.51 dB

Date: 16.FEB.2018 12:17:32

Highest Band Edge / 1 RB

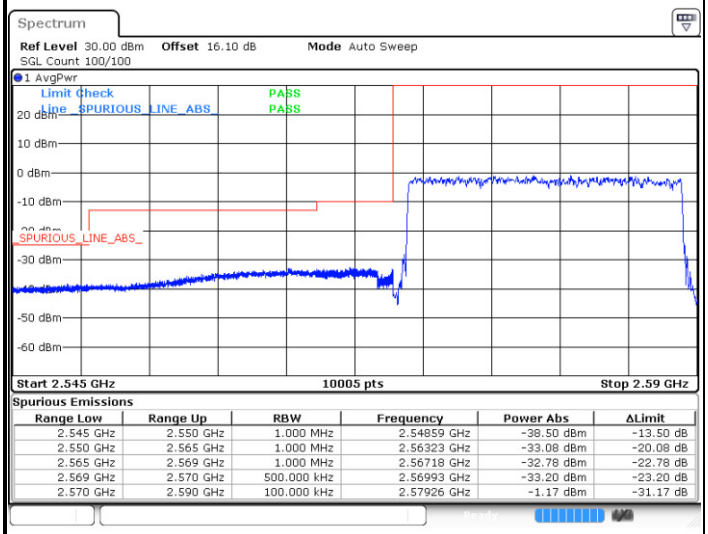


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.61890 GHz	18.01 dBm	-11.99 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62001 GHz	-25.68 dBm	-15.68 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62119 GHz	-38.02 dBm	-28.02 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62796 GHz	-34.75 dBm	-21.75 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64126 GHz	-42.28 dBm	-17.28 dB

Date: 16.FEB.2018 12:20:55

Lowest Band Edge / Full RB

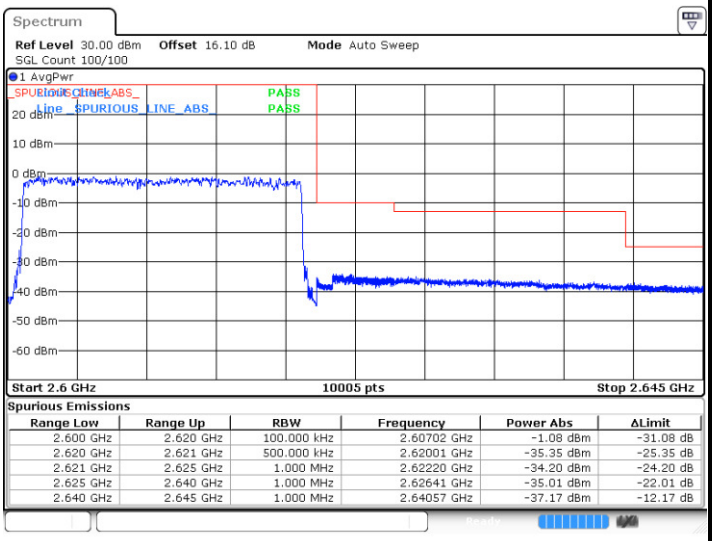


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54859 GHz	-38.50 dBm	-13.50 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56323 GHz	-33.08 dBm	-20.08 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56718 GHz	-32.78 dBm	-22.78 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56993 GHz	-33.20 dBm	-23.20 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.57926 GHz	-1.17 dBm	-31.17 dB

Date: 16.FEB.2018 12:18:40

Highest Band Edge / Full RB



Spurious Emissions

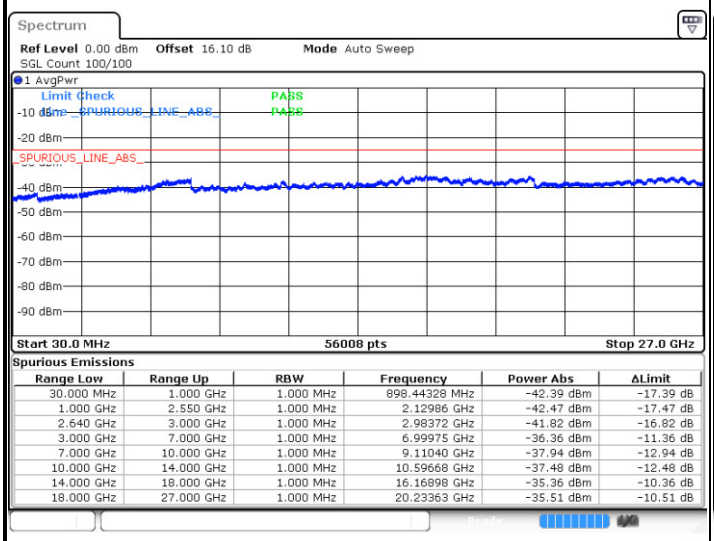
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.60702 GHz	-1.08 dBm	-31.08 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62001 GHz	-35.35 dBm	-25.35 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62220 GHz	-34.20 dBm	-24.20 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62641 GHz	-35.01 dBm	-22.01 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64057 GHz	-37.17 dBm	-12.17 dB

Date: 16.FEB.2018 12:19:47

Conducted Spurious Emission

LTE Band 38 / 5MHz

Lowest Channel / QPSK

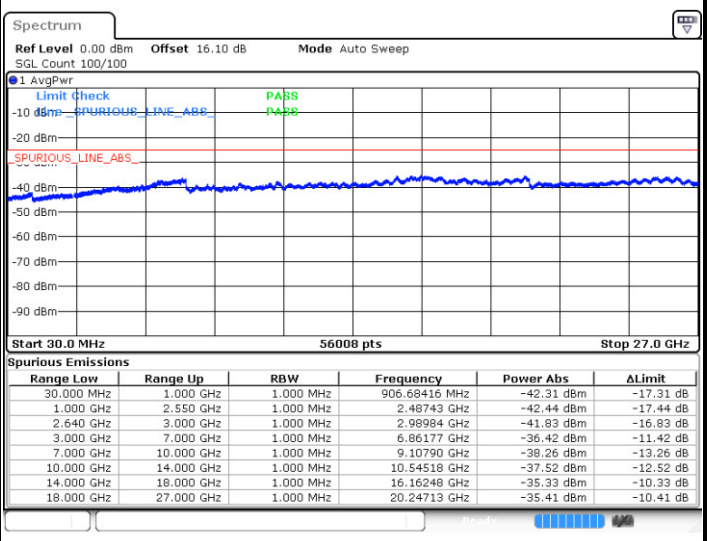


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.44328 MHz	-42.39 dBm	-17.39 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.12986 GHz	-42.47 dBm	-17.47 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98372 GHz	-41.82 dBm	-16.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-36.36 dBm	-11.36 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.11040 GHz	-37.94 dBm	-12.94 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.59668 GHz	-37.48 dBm	-12.48 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.16898 GHz	-35.36 dBm	-10.36 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.23363 GHz	-35.51 dBm	-10.51 dB

Date: 16.FEB.2018 11:20:06

Lowest Channel / 16QAM

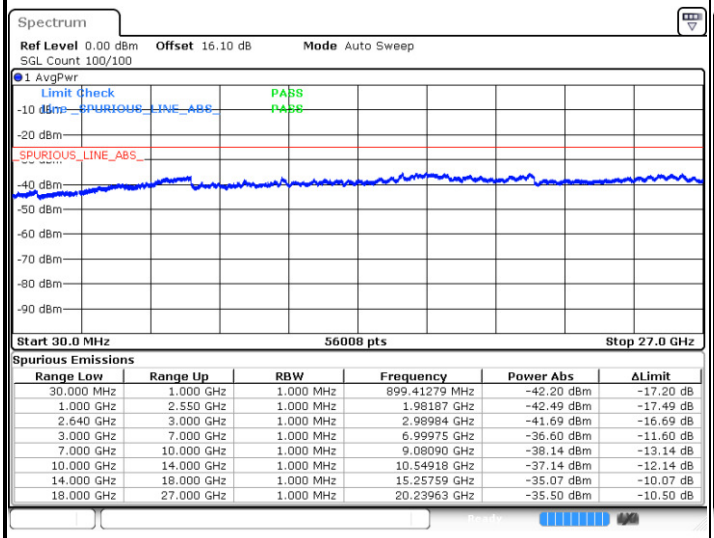


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	906.68416 MHz	-42.31 dBm	-17.31 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.48743 GHz	-42.44 dBm	-17.44 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98984 GHz	-41.83 dBm	-16.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86177 GHz	-36.42 dBm	-11.42 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.10790 GHz	-38.26 dBm	-13.26 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.54518 GHz	-37.52 dBm	-12.52 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.16248 GHz	-35.33 dBm	-10.33 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.24713 GHz	-35.41 dBm	-10.41 dB

Date: 16.FEB.2018 11:21:00

Middle Channel / QPSK

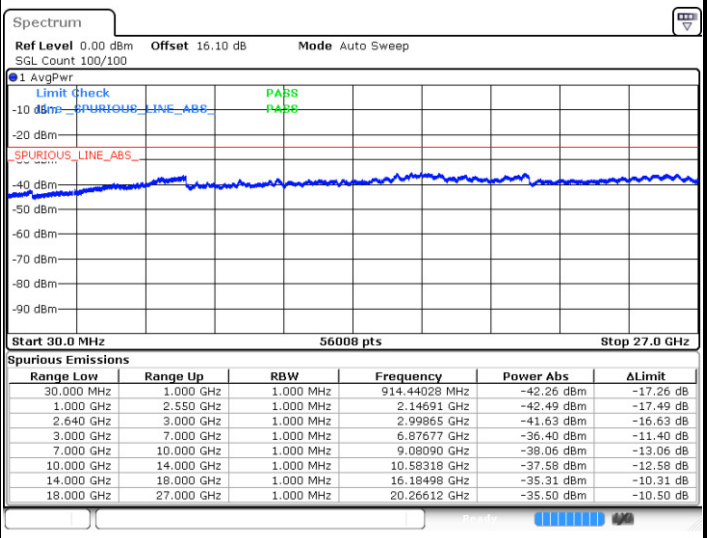


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	899.41279 MHz	-42.20 dBm	-17.20 dB
1.000 GHz	2.550 GHz	1.000 MHz	1.98187 GHz	-42.49 dBm	-17.49 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98984 GHz	-41.69 dBm	-16.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-36.60 dBm	-11.60 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.08090 GHz	-38.14 dBm	-13.14 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.54918 GHz	-37.14 dBm	-12.14 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.25759 GHz	-35.07 dBm	-10.07 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.23963 GHz	-35.50 dBm	-10.50 dB

Date: 16.FEB.2018 11:21:53

Middle Channel / 16QAM



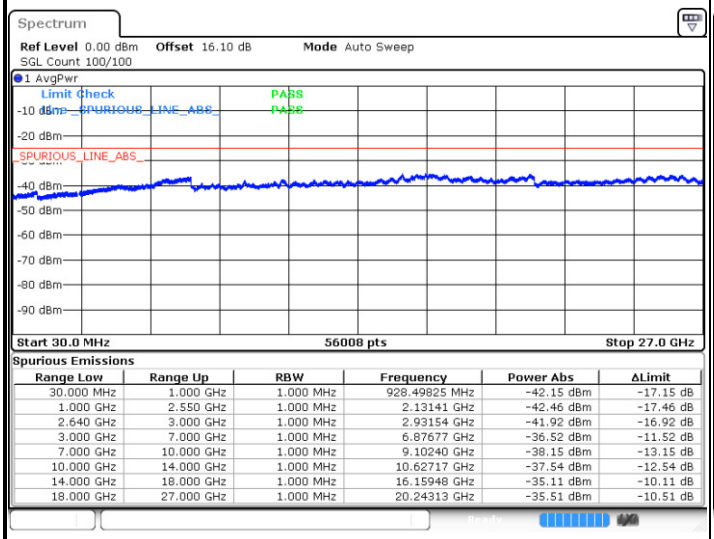
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-42.26 dBm	-17.26 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.14691 GHz	-42.49 dBm	-17.49 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99865 GHz	-41.63 dBm	-16.63 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87677 GHz	-36.40 dBm	-11.40 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.08090 GHz	-38.06 dBm	-13.06 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.58318 GHz	-37.58 dBm	-12.58 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.18498 GHz	-35.31 dBm	-10.31 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.26612 GHz	-35.50 dBm	-10.50 dB

Date: 16.FEB.2018 11:22:47

LTE Band 38 / 5MHz

Highest Channel / QPSK

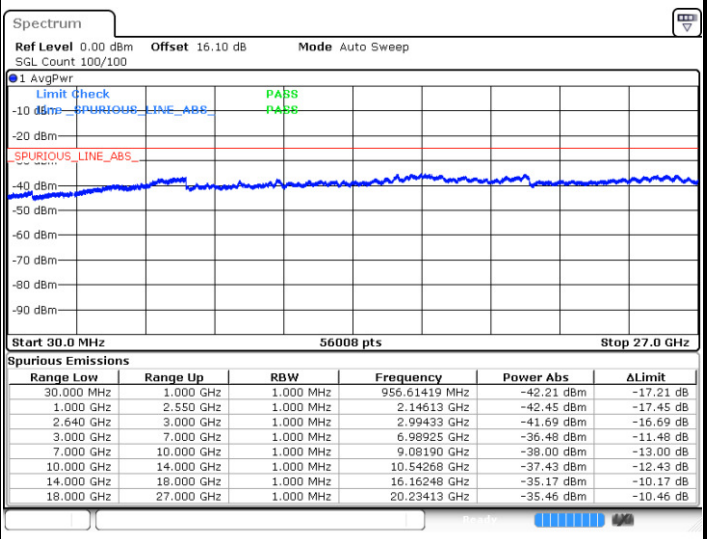


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.49825 MHz	-42.15 dBm	-17.15 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.13141 GHz	-42.46 dBm	-17.46 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.93154 GHz	-41.92 dBm	-16.92 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87677 GHz	-36.52 dBm	-11.52 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.10240 GHz	-38.15 dBm	-13.15 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.62717 GHz	-37.54 dBm	-12.54 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.15948 GHz	-35.11 dBm	-10.11 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.24313 GHz	-35.51 dBm	-10.51 dB

Date: 16.FEB.2018 11:23:41

Highest Channel / 16QAM



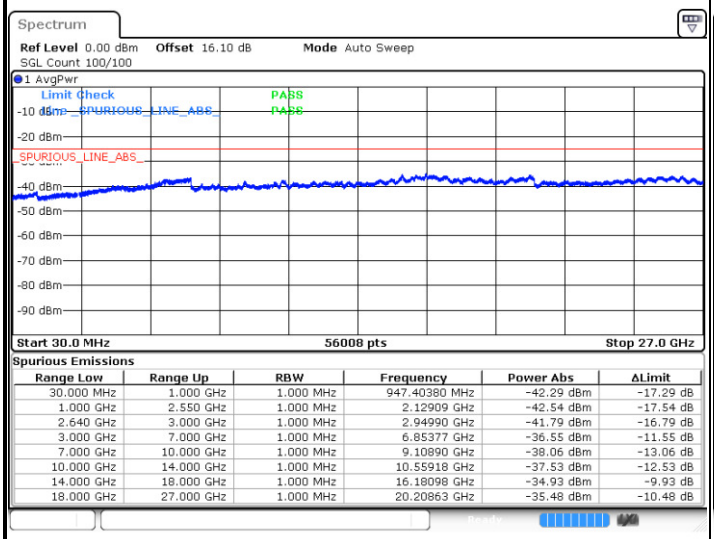
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	956.61419 MHz	-42.21 dBm	-17.21 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.14613 GHz	-42.45 dBm	-17.45 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99433 GHz	-41.69 dBm	-16.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-36.48 dBm	-11.48 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.08190 GHz	-38.00 dBm	-13.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.54268 GHz	-37.43 dBm	-12.43 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.16248 GHz	-35.17 dBm	-10.17 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.23413 GHz	-35.46 dBm	-10.46 dB

Date: 16.FEB.2018 11:24:35

LTE Band 38 / 10MHz

Lowest Channel / QPSK

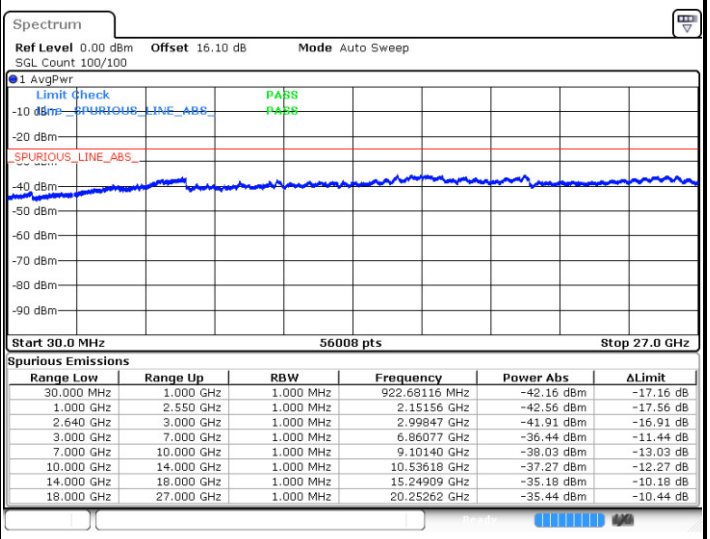


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.40380 MHz	-42.29 dBm	-17.29 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.12909 GHz	-42.54 dBm	-17.54 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.94990 GHz	-41.79 dBm	-16.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85377 GHz	-36.55 dBm	-11.55 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.10890 GHz	-38.06 dBm	-13.06 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.55918 GHz	-37.53 dBm	-12.53 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.18098 GHz	-34.93 dBm	-9.93 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.20863 GHz	-35.48 dBm	-10.48 dB

Date: 16.FEB.2018 11:25:29

Lowest Channel / 16QAM



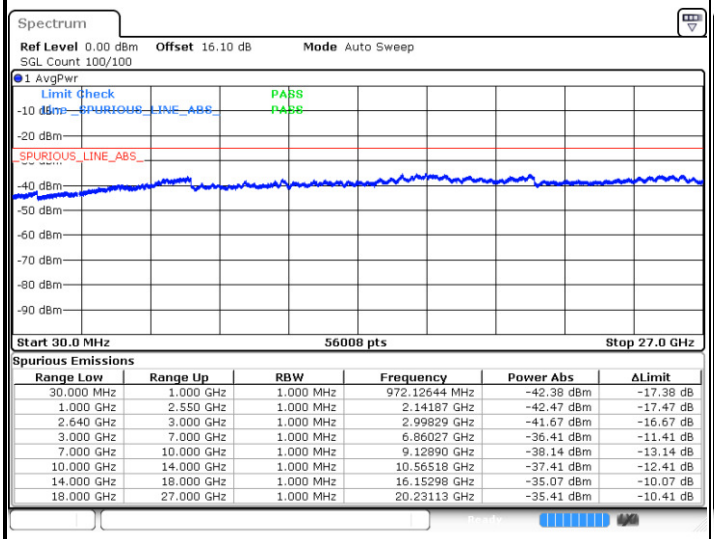
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.68116 MHz	-42.16 dBm	-17.16 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.15156 GHz	-42.56 dBm	-17.56 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99847 GHz	-41.91 dBm	-16.91 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86077 GHz	-36.44 dBm	-11.44 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.10140 GHz	-38.03 dBm	-13.03 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.53618 GHz	-37.27 dBm	-12.27 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.24909 GHz	-35.18 dBm	-10.18 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.25262 GHz	-35.44 dBm	-10.44 dB

Date: 16.FEB.2018 11:26:22

LTE Band 38 / 10MHz

Middle Channel / QPSK

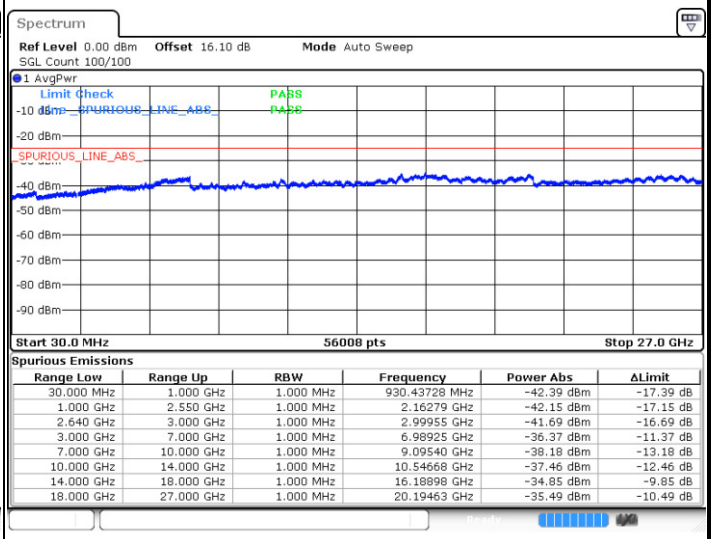


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-42.38 dBm	-17.38 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.14187 GHz	-42.47 dBm	-17.47 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99829 GHz	-41.67 dBm	-16.67 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86027 GHz	-36.41 dBm	-11.41 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.12890 GHz	-38.14 dBm	-13.14 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.56518 GHz	-37.41 dBm	-12.41 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.15298 GHz	-35.07 dBm	-10.07 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.23113 GHz	-35.41 dBm	-10.41 dB

Date: 16.FEB.2018 11:27:16

Middle Channel / 16QAM

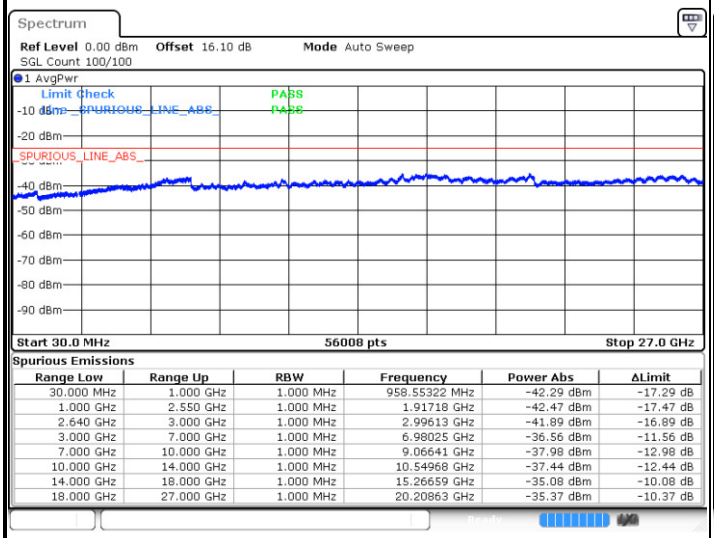


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	930.43728 MHz	-42.39 dBm	-17.39 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.16279 GHz	-42.15 dBm	-17.15 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99955 GHz	-41.69 dBm	-16.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-36.37 dBm	-11.37 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.09540 GHz	-38.18 dBm	-13.18 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.54668 GHz	-37.46 dBm	-12.46 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.18898 GHz	-34.85 dBm	-9.85 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.19463 GHz	-35.49 dBm	-10.49 dB

Date: 16.FEB.2018 11:28:10

Highest Channel / QPSK

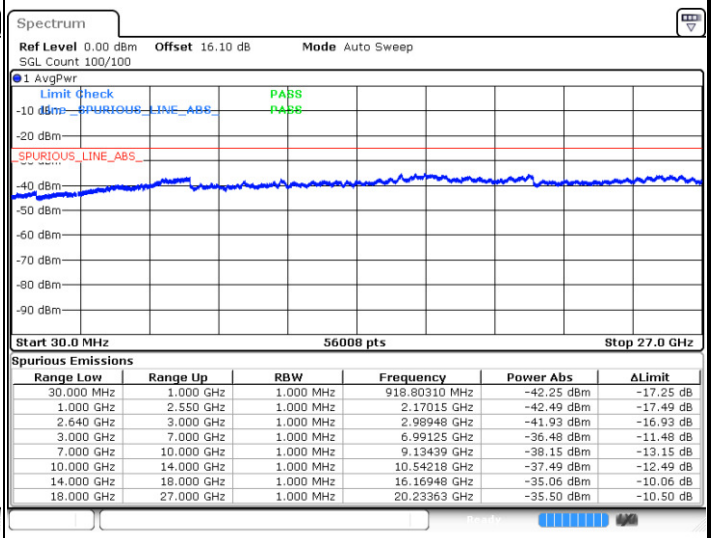


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.55322 MHz	-42.29 dBm	-17.29 dB
1.000 GHz	2.550 GHz	1.000 MHz	1.91718 GHz	-42.47 dBm	-17.47 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99613 GHz	-41.89 dBm	-16.89 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98025 GHz	-36.56 dBm	-11.56 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.06641 GHz	-37.98 dBm	-12.98 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.54968 GHz	-37.44 dBm	-12.44 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.26659 GHz	-35.08 dBm	-10.08 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.20863 GHz	-35.37 dBm	-10.37 dB

Date: 16.FEB.2018 11:29:04

Highest Channel / 16QAM



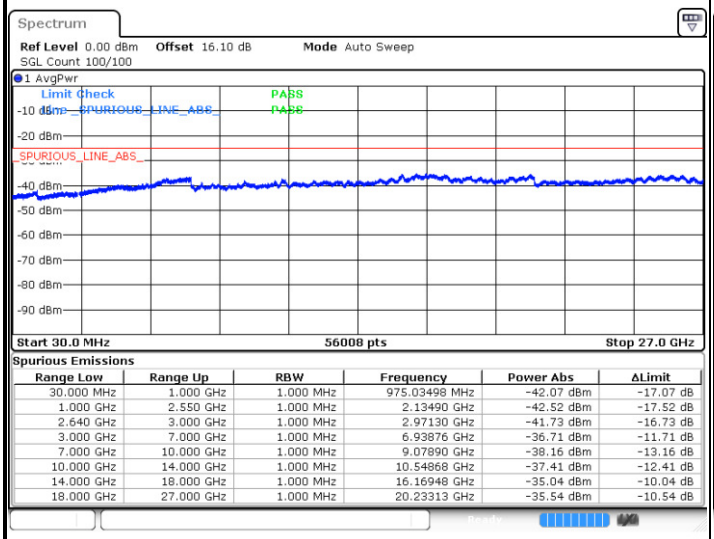
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.80310 MHz	-42.25 dBm	-17.25 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.17015 GHz	-42.49 dBm	-17.49 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98948 GHz	-41.93 dBm	-16.93 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-36.48 dBm	-11.48 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.13439 GHz	-38.15 dBm	-13.15 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.54218 GHz	-37.49 dBm	-12.49 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.16948 GHz	-35.06 dBm	-10.06 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.23363 GHz	-35.50 dBm	-10.50 dB

Date: 16.FEB.2018 11:29:57

LTE Band 38 / 15MHz

Lowest Channel / QPSK

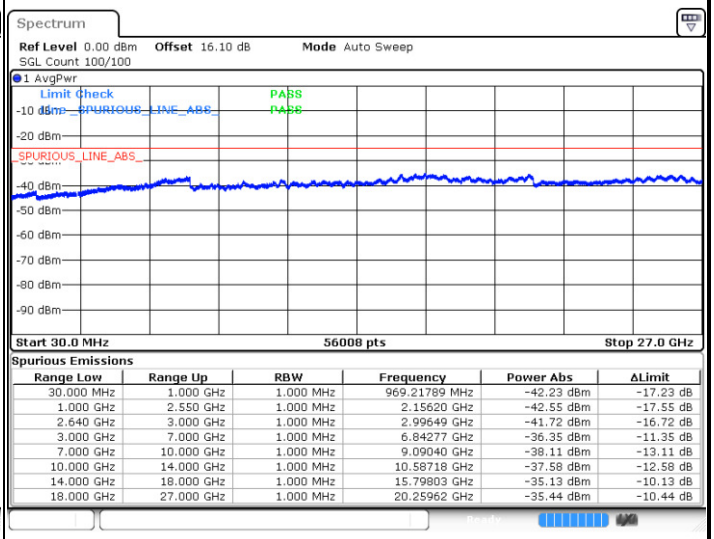


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	975.03498 MHz	-42.07 dBm	-17.07 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.13490 GHz	-42.52 dBm	-17.52 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.97130 GHz	-41.73 dBm	-16.73 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93876 GHz	-36.71 dBm	-11.71 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.07890 GHz	-38.16 dBm	-13.16 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.54868 GHz	-37.41 dBm	-12.41 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.16948 GHz	-35.04 dBm	-10.04 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.23313 GHz	-35.54 dBm	-10.54 dB

Date: 16.FEB.2018 11:30:51

Lowest Channel / 16QAM

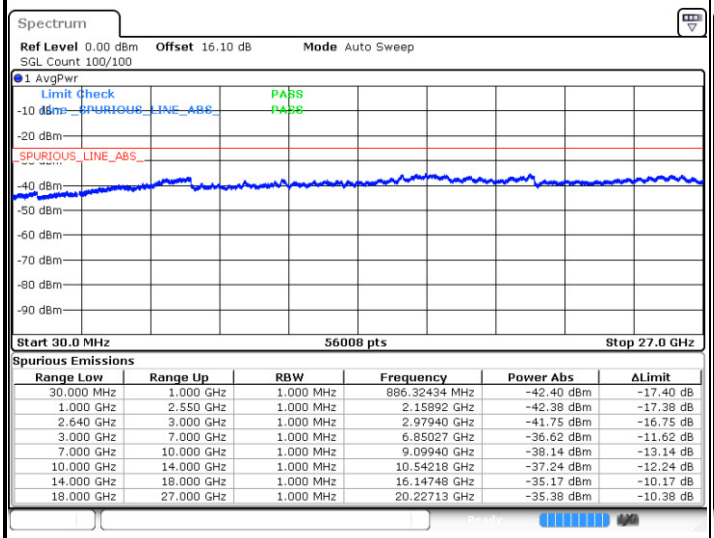


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.21789 MHz	-42.23 dBm	-17.23 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.15620 GHz	-42.55 dBm	-17.55 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99649 GHz	-41.72 dBm	-16.72 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84277 GHz	-36.35 dBm	-11.35 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.09040 GHz	-38.11 dBm	-13.11 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.58718 GHz	-37.58 dBm	-12.58 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.79803 GHz	-35.13 dBm	-10.13 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.25962 GHz	-35.44 dBm	-10.44 dB

Date: 16.FEB.2018 11:31:45

Middle Channel / QPSK

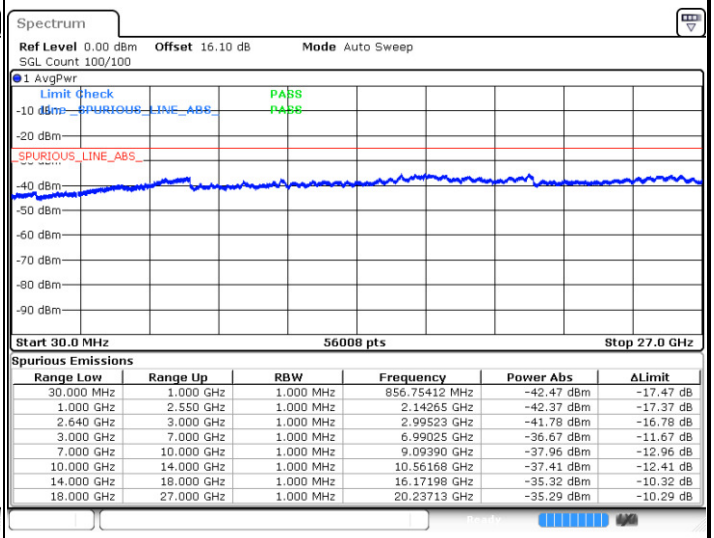


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	886.32434 MHz	-42.40 dBm	-17.40 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.15892 GHz	-42.38 dBm	-17.38 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.97940 GHz	-41.75 dBm	-16.75 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85027 GHz	-36.62 dBm	-11.62 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.09940 GHz	-38.14 dBm	-13.14 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.54218 GHz	-37.24 dBm	-12.24 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.14748 GHz	-35.17 dBm	-10.17 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.22713 GHz	-35.38 dBm	-10.38 dB

Date: 16.FEB.2018 11:32:39

Middle Channel / 16QAM



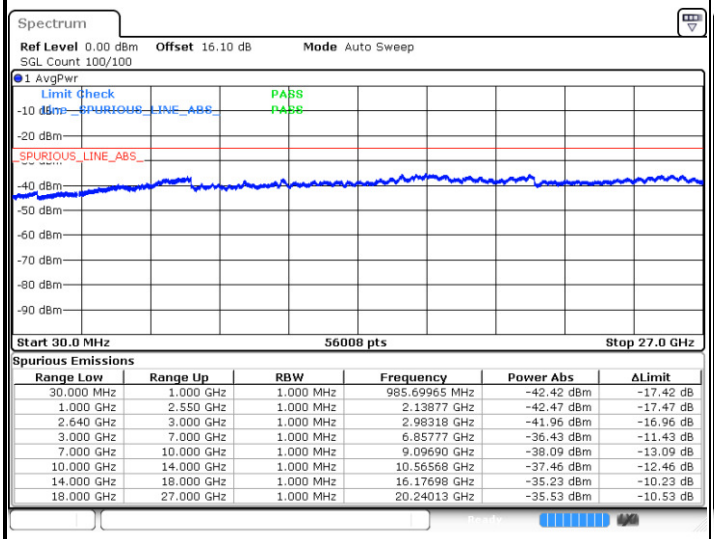
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	856.75412 MHz	-42.47 dBm	-17.47 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.14265 GHz	-42.37 dBm	-17.37 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99523 GHz	-41.78 dBm	-16.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-36.67 dBm	-11.67 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.09390 GHz	-37.96 dBm	-12.96 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.56168 GHz	-37.41 dBm	-12.41 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.17198 GHz	-35.32 dBm	-10.32 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.23713 GHz	-35.29 dBm	-10.29 dB

Date: 16.FEB.2018 11:33:32

LTE Band 38 / 15MHz

Highest Channel / QPSK

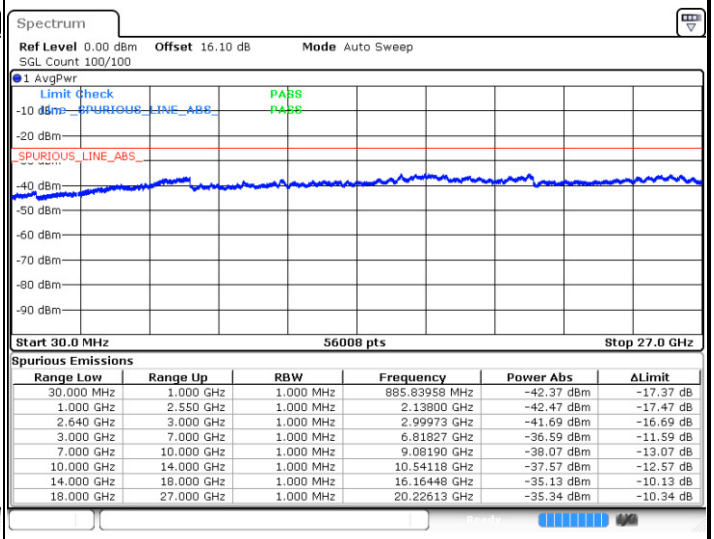


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-42.42 dBm	-17.42 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.13877 GHz	-42.47 dBm	-17.47 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98318 GHz	-41.96 dBm	-16.96 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85777 GHz	-36.43 dBm	-11.43 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.09690 GHz	-38.09 dBm	-13.09 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.56568 GHz	-37.46 dBm	-12.46 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.17698 GHz	-35.23 dBm	-10.23 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.24013 GHz	-35.53 dBm	-10.53 dB

Date: 16.FEB.2018 11:34:26

Highest Channel / 16QAM



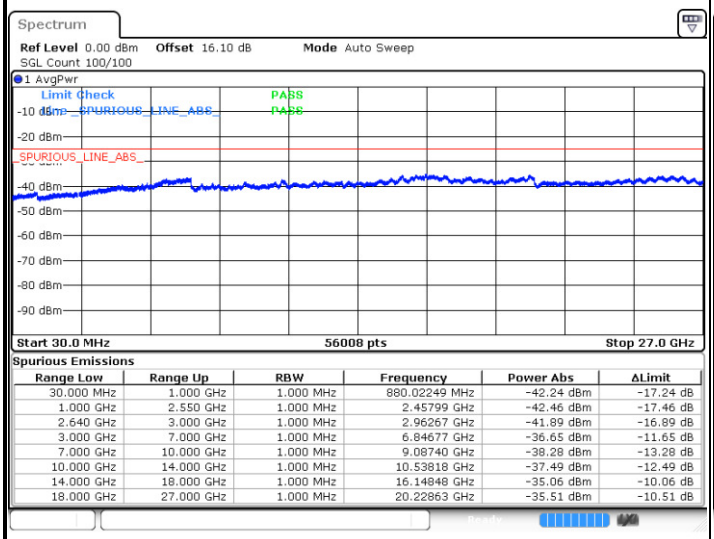
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	885.83958 MHz	-42.37 dBm	-17.37 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.13800 GHz	-42.47 dBm	-17.47 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99973 GHz	-41.69 dBm	-16.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.81827 GHz	-36.59 dBm	-11.59 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.08190 GHz	-38.07 dBm	-13.07 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.54118 GHz	-37.57 dBm	-12.57 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.16448 GHz	-35.13 dBm	-10.13 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.22613 GHz	-35.34 dBm	-10.34 dB

Date: 16.FEB.2018 11:35:20

LTE Band 38 / 20MHz

Lowest Channel / QPSK

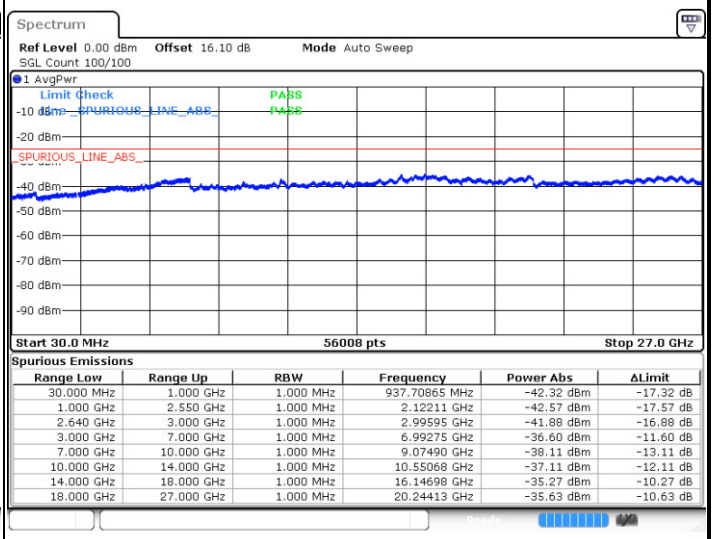


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.02249 MHz	-42.24 dBm	-17.24 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.45799 GHz	-42.46 dBm	-17.46 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.96267 GHz	-41.89 dBm	-16.89 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84677 GHz	-36.65 dBm	-11.65 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.08740 GHz	-38.28 dBm	-13.28 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.53818 GHz	-37.49 dBm	-12.49 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.14848 GHz	-35.06 dBm	-10.06 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.22863 GHz	-35.51 dBm	-10.51 dB

Date: 16.FEB.2018 11:36:14

Lowest Channel / 16QAM



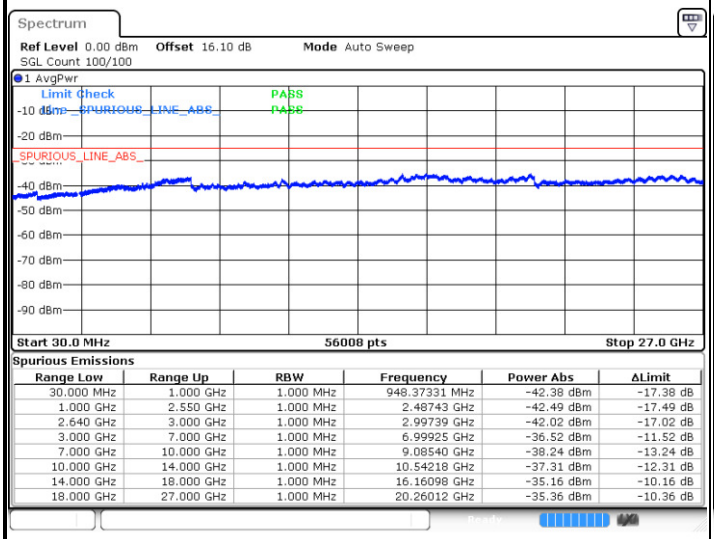
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	937.70865 MHz	-42.32 dBm	-17.32 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.12211 GHz	-42.57 dBm	-17.57 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99595 GHz	-41.88 dBm	-16.88 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-36.60 dBm	-11.60 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.07490 GHz	-38.11 dBm	-13.11 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.55068 GHz	-37.11 dBm	-12.11 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.14698 GHz	-35.27 dBm	-10.27 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.24413 GHz	-35.63 dBm	-10.63 dB

Date: 16.FEB.2018 11:37:08

LTE Band 38 / 20MHz

Middle Channel / QPSK

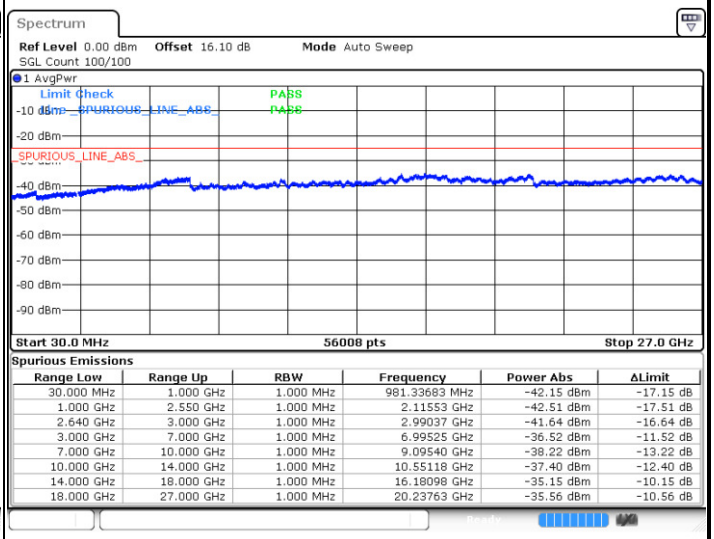


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	948.37331 MHz	-42.38 dBm	-17.38 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.48743 GHz	-42.49 dBm	-17.49 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99739 GHz	-42.02 dBm	-17.02 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-36.52 dBm	-11.52 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.08540 GHz	-38.24 dBm	-13.24 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.54218 GHz	-37.31 dBm	-12.31 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.16098 GHz	-35.16 dBm	-10.16 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.26012 GHz	-35.36 dBm	-10.36 dB

Date: 16.FEB.2018 11:38:01

Middle Channel / 16QAM

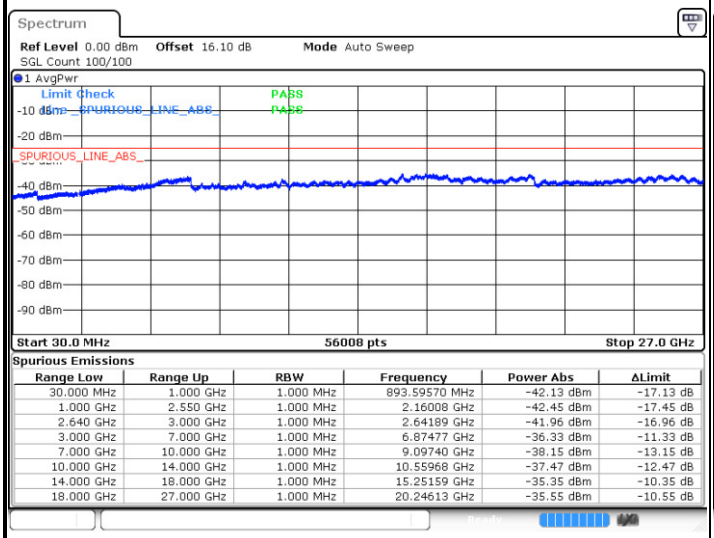


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.33683 MHz	-42.15 dBm	-17.15 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.11553 GHz	-42.51 dBm	-17.51 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99037 GHz	-41.64 dBm	-16.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-36.52 dBm	-11.52 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.09540 GHz	-38.22 dBm	-13.22 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.55118 GHz	-37.40 dBm	-12.40 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.18098 GHz	-35.15 dBm	-10.15 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.23763 GHz	-35.56 dBm	-10.56 dB

Date: 16.FEB.2018 11:38:55

Highest Channel / QPSK

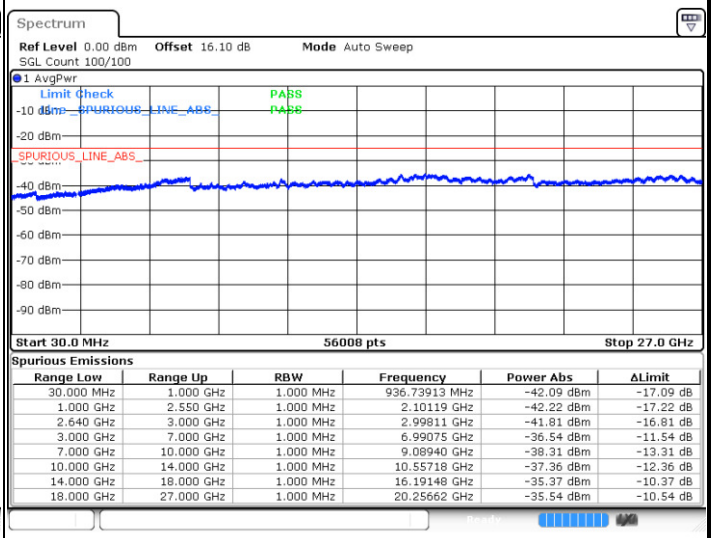


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	893.59570 MHz	-42.13 dBm	-17.13 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.16008 GHz	-42.45 dBm	-17.45 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64189 GHz	-41.96 dBm	-16.96 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87477 GHz	-36.33 dBm	-11.33 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.09740 GHz	-38.15 dBm	-13.15 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.55968 GHz	-37.47 dBm	-12.47 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.25159 GHz	-35.35 dBm	-10.35 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.24613 GHz	-35.55 dBm	-10.55 dB

Date: 16.FEB.2018 11:39:49

Highest Channel / 16QAM



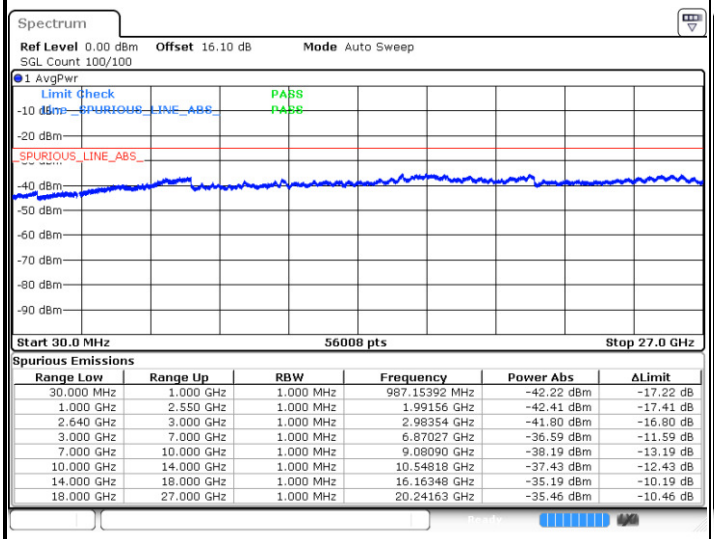
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.73913 MHz	-42.09 dBm	-17.09 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.10119 GHz	-42.22 dBm	-17.22 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99811 GHz	-41.81 dBm	-16.81 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-36.54 dBm	-11.54 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.08940 GHz	-38.31 dBm	-13.31 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.55718 GHz	-37.36 dBm	-12.36 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.19148 GHz	-35.37 dBm	-10.37 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.25662 GHz	-35.54 dBm	-10.54 dB

Date: 16.FEB.2018 11:40:43

LTE Band 38 / 5MHz

Lowest Channel / 64QAM

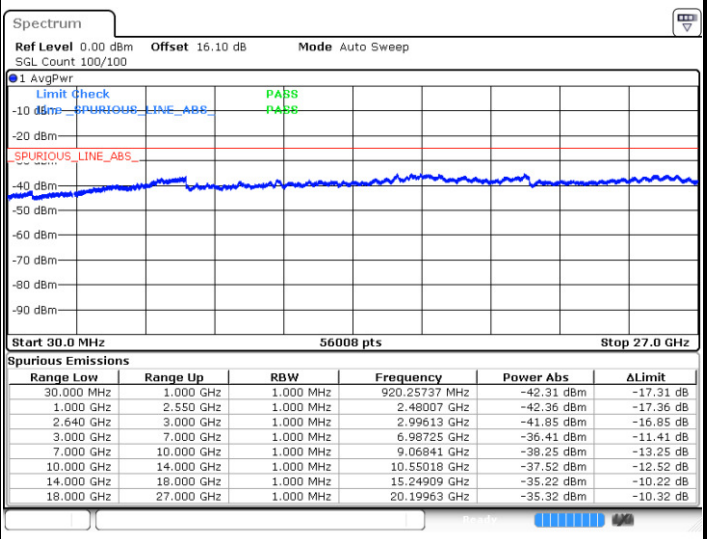


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.15392 MHz	-42.22 dBm	-17.22 dB
1.000 GHz	2.550 GHz	1.000 MHz	1.99156 GHz	-42.41 dBm	-17.41 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98354 GHz	-41.80 dBm	-16.80 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87027 GHz	-36.59 dBm	-11.59 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.08090 GHz	-38.19 dBm	-13.19 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.54818 GHz	-37.43 dBm	-12.43 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.16348 GHz	-35.19 dBm	-10.19 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.24163 GHz	-35.46 dBm	-10.46 dB

Date: 16.FEB.2018 12:21:48

Middle Channel / 64QAM

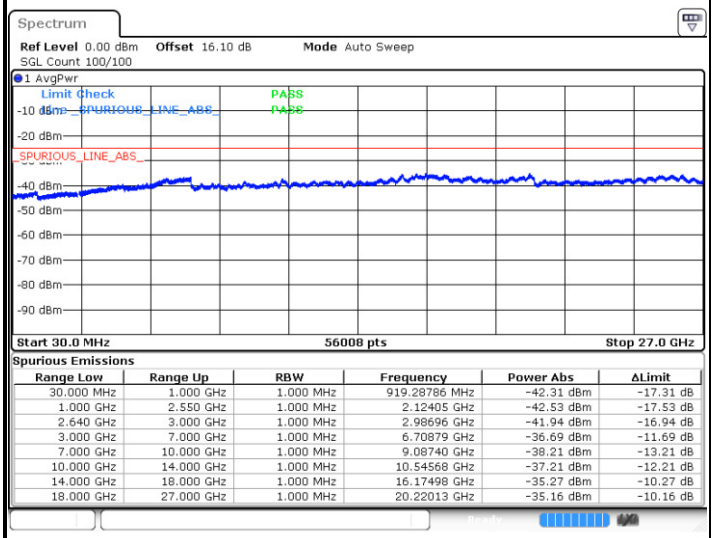


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.25737 MHz	-42.31 dBm	-17.31 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.48007 GHz	-42.36 dBm	-17.36 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99613 GHz	-41.85 dBm	-16.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98725 GHz	-36.41 dBm	-11.41 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.06841 GHz	-38.25 dBm	-13.25 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.55018 GHz	-37.52 dBm	-12.52 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.24909 GHz	-35.22 dBm	-10.22 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.19963 GHz	-35.32 dBm	-10.32 dB

Date: 16.FEB.2018 12:22:42

Highest Channel / 64QAM



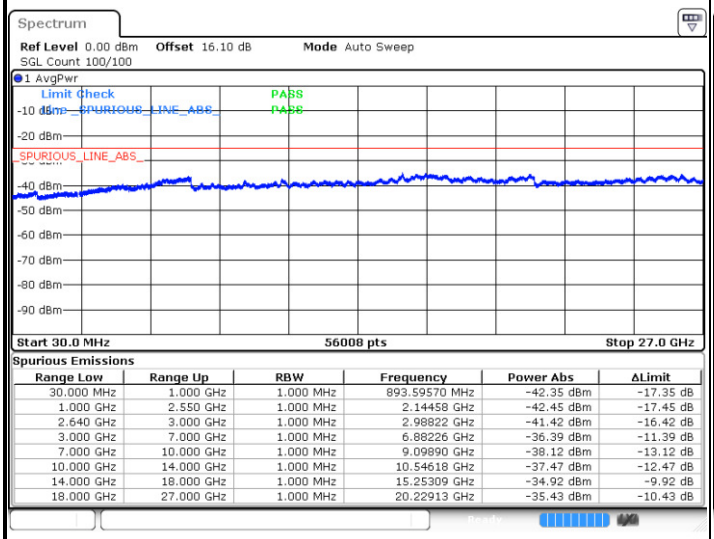
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.28786 MHz	-42.31 dBm	-17.31 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.12405 GHz	-42.53 dBm	-17.53 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98696 GHz	-41.94 dBm	-16.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.70879 GHz	-36.69 dBm	-11.69 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.08740 GHz	-38.21 dBm	-13.21 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.54568 GHz	-37.21 dBm	-12.21 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.17498 GHz	-35.27 dBm	-10.27 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.22013 GHz	-35.16 dBm	-10.16 dB

Date: 16.FEB.2018 12:23:36

LTE Band 38 / 10MHz

Lowest Channel / 64QAM

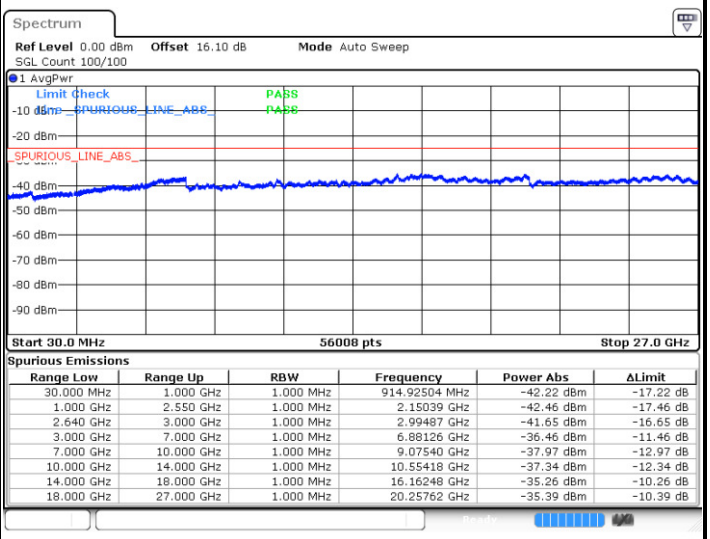


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	893.59570 MHz	-42.35 dBm	-17.35 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.14458 GHz	-42.45 dBm	-17.45 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98822 GHz	-41.42 dBm	-16.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88226 GHz	-36.39 dBm	-11.39 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.09890 GHz	-38.12 dBm	-13.12 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.54618 GHz	-37.47 dBm	-12.47 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.25309 GHz	-34.92 dBm	-9.92 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.22913 GHz	-35.43 dBm	-10.43 dB

Date: 16.FEB.2018 12:24:29

Middle Channel / 64QAM

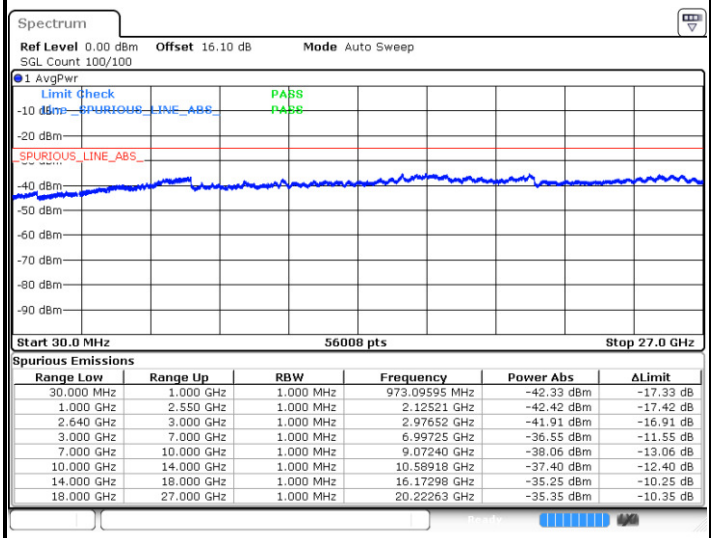


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.92504 MHz	-42.22 dBm	-17.22 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.15039 GHz	-42.46 dBm	-17.46 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99487 GHz	-41.65 dBm	-16.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88126 GHz	-36.46 dBm	-11.46 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.07540 GHz	-37.97 dBm	-12.97 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.55418 GHz	-37.34 dBm	-12.34 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.16248 GHz	-35.26 dBm	-10.26 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.25762 GHz	-35.39 dBm	-10.39 dB

Date: 16.FEB.2018 12:25:23

Highest Channel / 64QAM



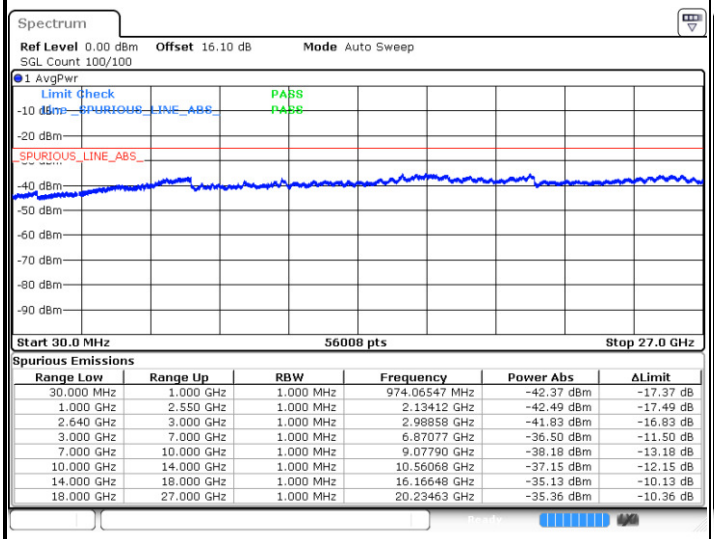
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.09595 MHz	-42.33 dBm	-17.33 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.12521 GHz	-42.42 dBm	-17.42 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.97652 GHz	-41.91 dBm	-16.91 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-36.55 dBm	-11.55 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.07240 GHz	-38.06 dBm	-13.06 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.58918 GHz	-37.40 dBm	-12.40 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.17298 GHz	-35.25 dBm	-10.25 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.22263 GHz	-35.35 dBm	-10.35 dB

Date: 16.FEB.2018 12:26:17

LTE Band 38 / 15MHz

Lowest Channel / 64QAM

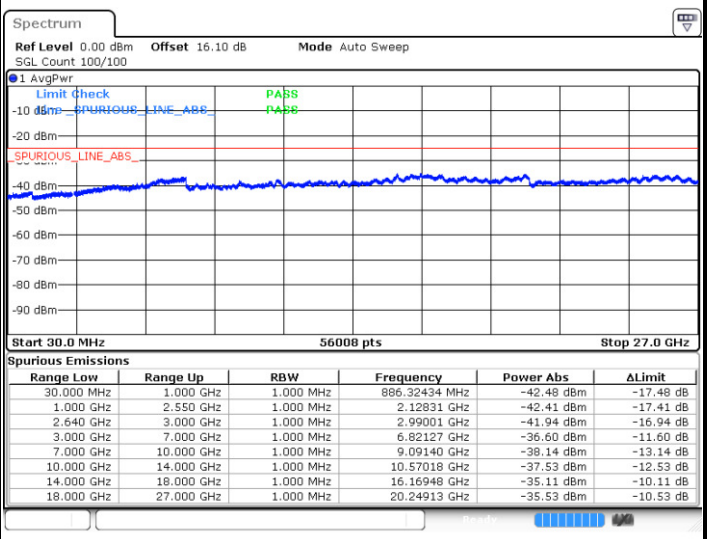


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.06547 MHz	-42.37 dBm	-17.37 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.13412 GHz	-42.49 dBm	-17.49 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98858 GHz	-41.83 dBm	-16.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87077 GHz	-36.50 dBm	-11.50 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.07790 GHz	-38.18 dBm	-13.18 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.56068 GHz	-37.15 dBm	-12.15 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.16648 GHz	-35.13 dBm	-10.13 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.23463 GHz	-35.36 dBm	-10.36 dB

Date: 16.FEB.2018 12:27:11

Middle Channel / 64QAM

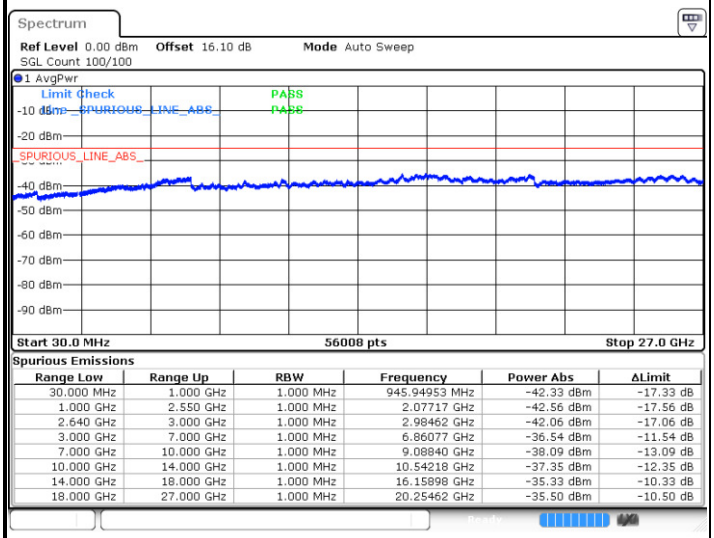


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	886.32434 MHz	-42.48 dBm	-17.48 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.12831 GHz	-42.41 dBm	-17.41 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99001 GHz	-41.94 dBm	-16.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.82127 GHz	-36.60 dBm	-11.60 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.09140 GHz	-38.14 dBm	-13.14 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.57018 GHz	-37.53 dBm	-12.53 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.16948 GHz	-35.11 dBm	-10.11 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.24913 GHz	-35.53 dBm	-10.53 dB

Date: 16.FEB.2018 12:28:05

Highest Channel / 64QAM



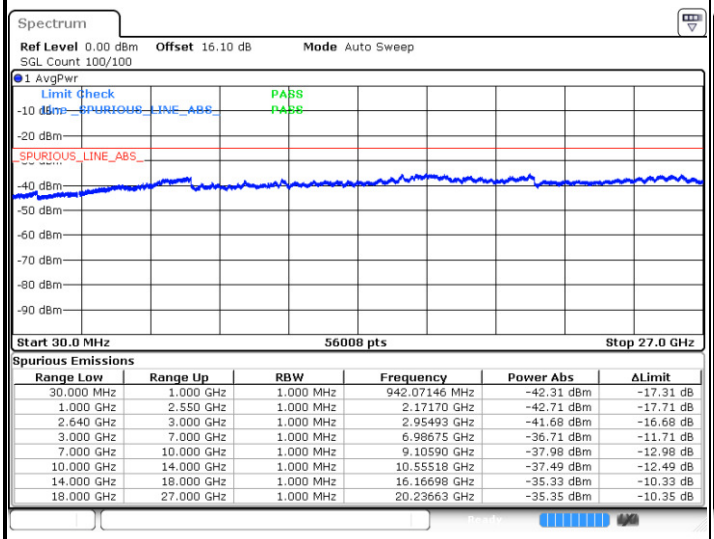
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	945.94953 MHz	-42.33 dBm	-17.33 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.07717 GHz	-42.56 dBm	-17.56 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98462 GHz	-42.06 dBm	-17.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86077 GHz	-36.54 dBm	-11.54 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.08840 GHz	-38.09 dBm	-13.09 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.54218 GHz	-37.35 dBm	-12.35 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.15898 GHz	-35.33 dBm	-10.33 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.25462 GHz	-35.50 dBm	-10.50 dB

Date: 16.FEB.2018 12:28:58

LTE Band 38 / 20MHz

Lowest Channel / 64QAM

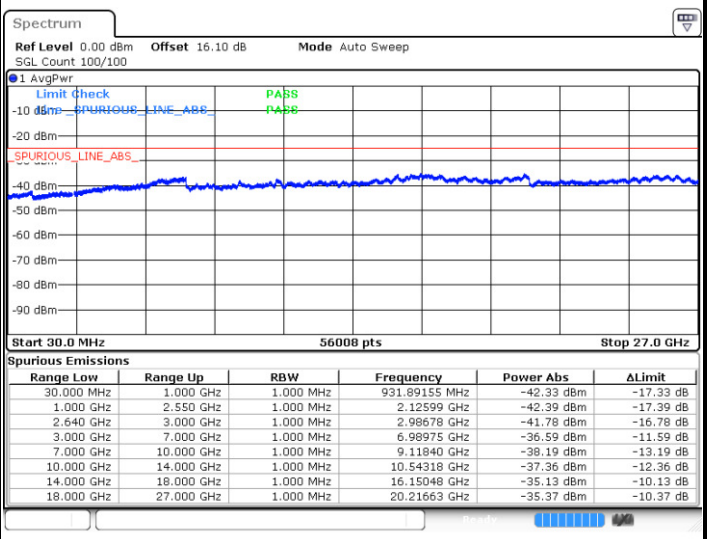


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.07146 MHz	-42.31 dBm	-17.31 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.17170 GHz	-42.71 dBm	-17.71 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.95493 GHz	-41.68 dBm	-16.68 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98675 GHz	-36.71 dBm	-11.71 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.10590 GHz	-37.98 dBm	-12.98 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.55518 GHz	-37.49 dBm	-12.49 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.16698 GHz	-35.33 dBm	-10.33 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.23663 GHz	-35.35 dBm	-10.35 dB

Date: 16.FEB.2018 12:29:52

Middle Channel / 64QAM

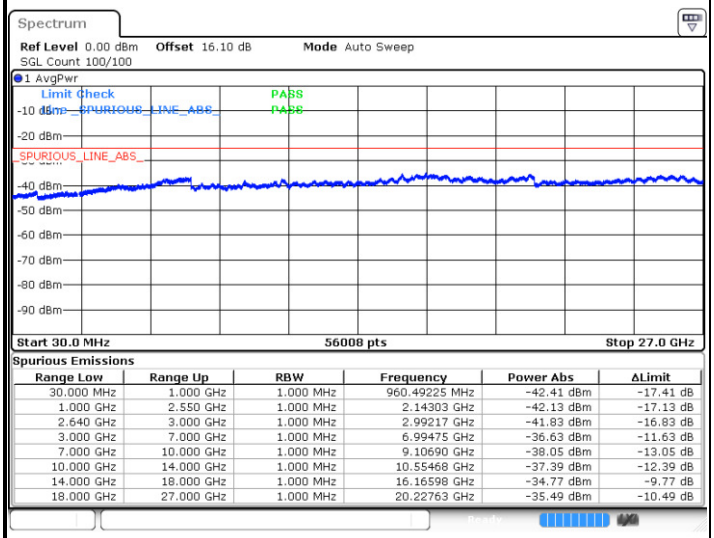


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.89155 MHz	-42.33 dBm	-17.33 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.12599 GHz	-42.39 dBm	-17.39 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98678 GHz	-41.78 dBm	-16.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-36.59 dBm	-11.59 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.11840 GHz	-38.19 dBm	-13.19 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.54318 GHz	-37.36 dBm	-12.36 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.15048 GHz	-35.13 dBm	-10.13 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.21663 GHz	-35.37 dBm	-10.37 dB

Date: 16.FEB.2018 12:30:46

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.49225 MHz	-42.41 dBm	-17.41 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.14303 GHz	-42.13 dBm	-17.13 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99217 GHz	-41.83 dBm	-16.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-36.63 dBm	-11.63 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.10690 GHz	-38.05 dBm	-13.05 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.55468 GHz	-37.39 dBm	-12.39 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.16598 GHz	-34.77 dBm	-9.77 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.22763 GHz	-35.49 dBm	-10.49 dB

Date: 16.FEB.2018 12:31:40

Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0031	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0017	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

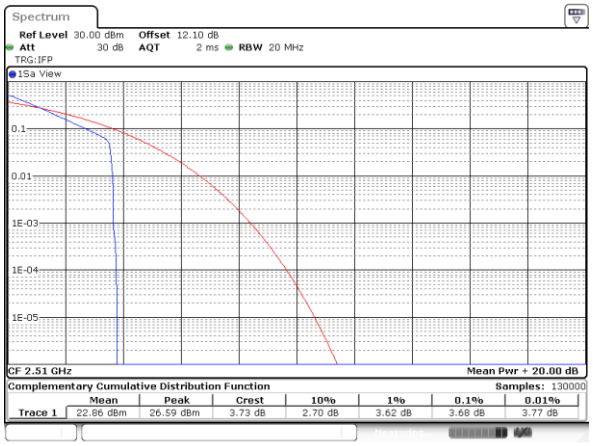
LTE Band 41

Peak-to-Average Ratio

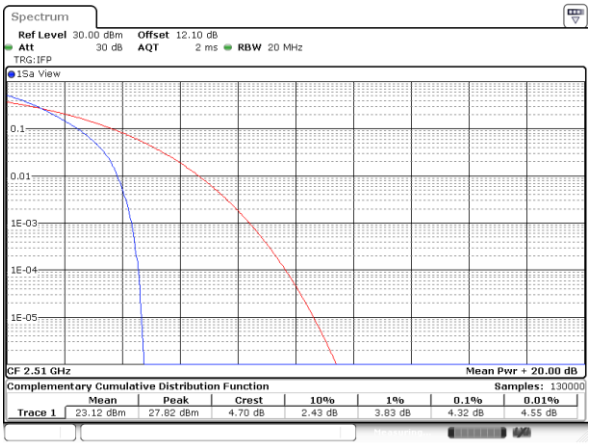
Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.74	4.38	5.07	5.74	PASS
Middle CH	3.65	4.32	5.71	5.74	
Highest CH	3.68	4.35	5.16	5.65	
Mode	LTE Band 41 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.17	6.26	-	-	PASS
Middle CH	6.61	6.23	-	-	
Highest CH	5.86	6.20	-	-	

LTE Band 41 / 20MHz / QPSK

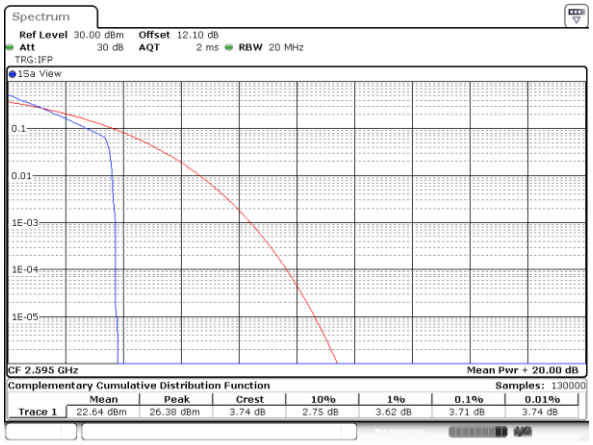
Lowest Channel / 1RB



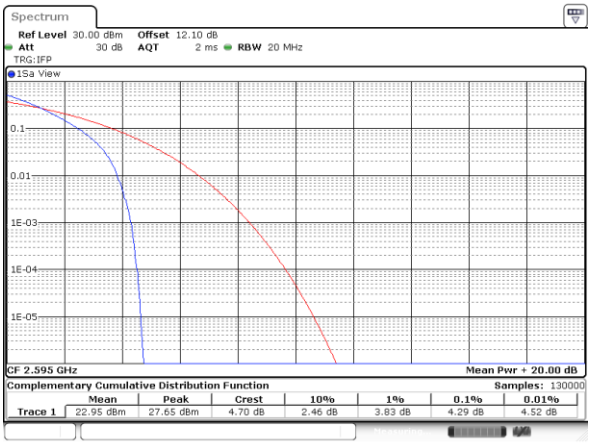
Lowest Channel / Full RB



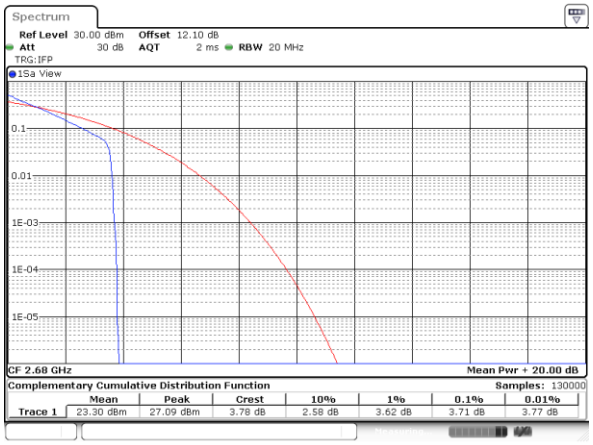
Middle Channel / 1RB



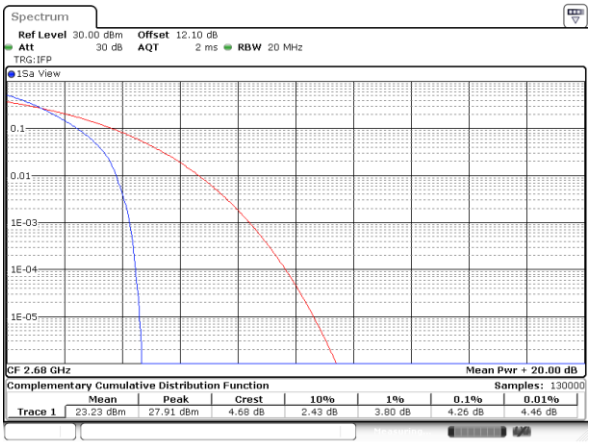
Middle Channel / Full RB



Highest Channel / 1RB

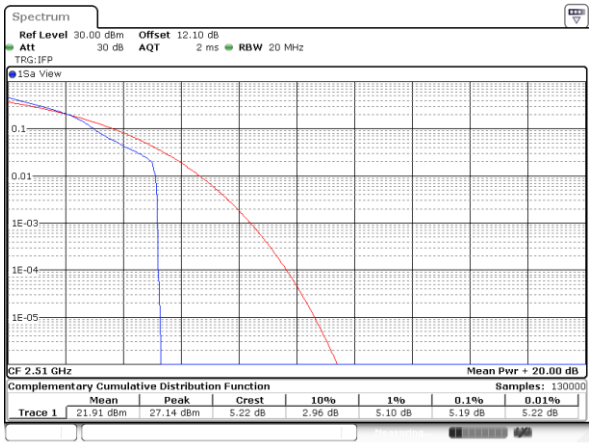


Highest Channel / Full RB

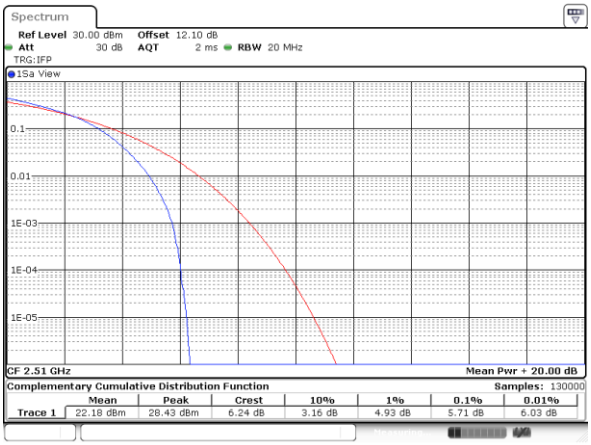


LTE Band 41 / 20MHz / 16QAM

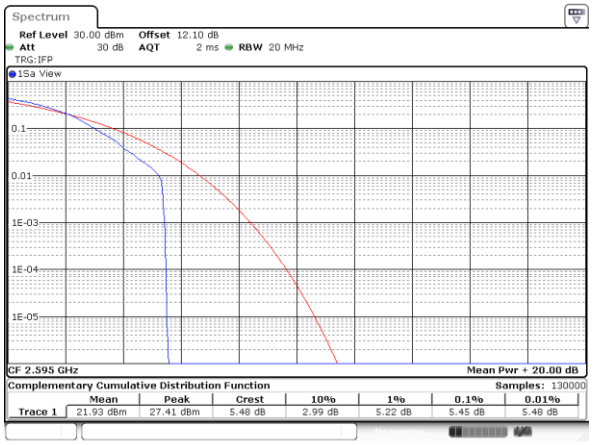
Lowest Channel / 1RB



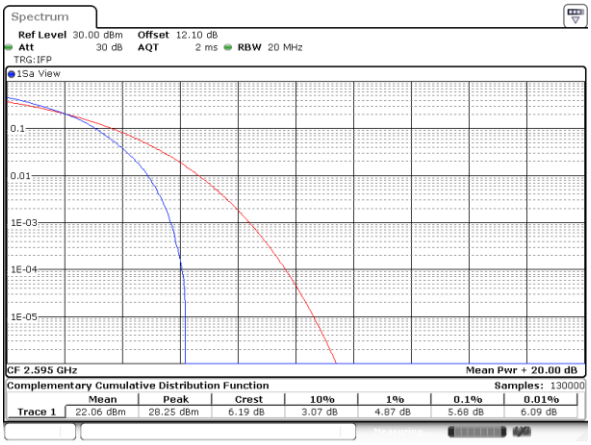
Lowest Channel / Full RB



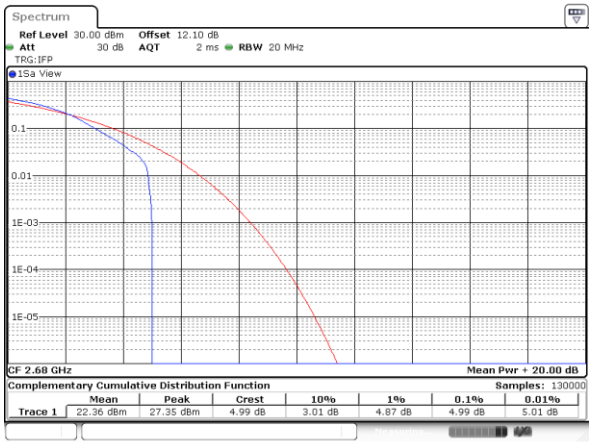
Middle Channel / 1RB



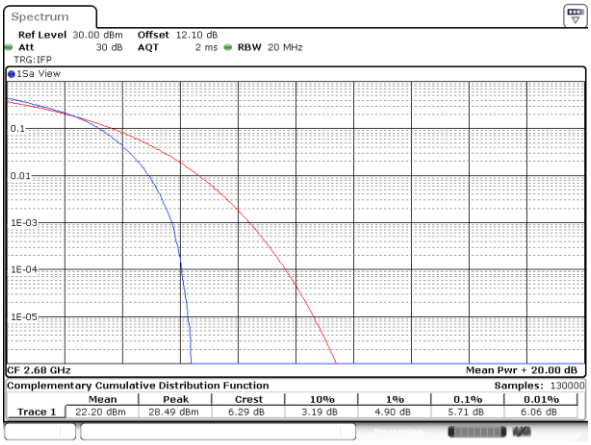
Middle Channel / Full RB



Highest Channel / 1RB

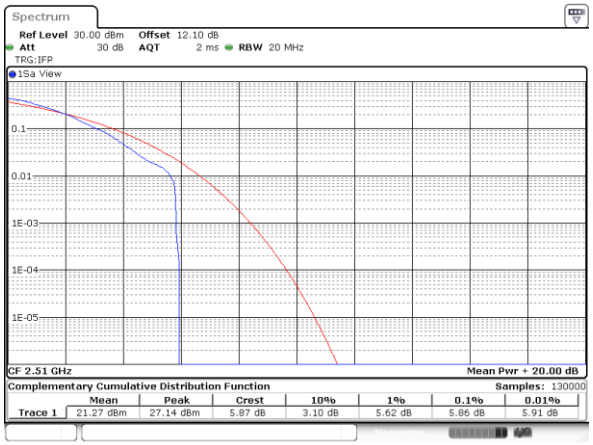


Highest Channel / Full RB

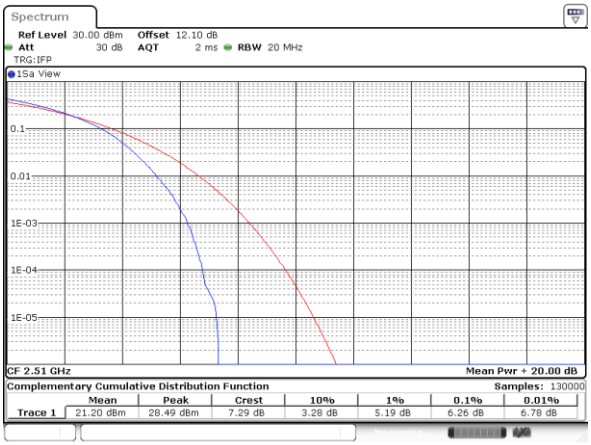


LTE Band 41 / 20MHz / 64QAM

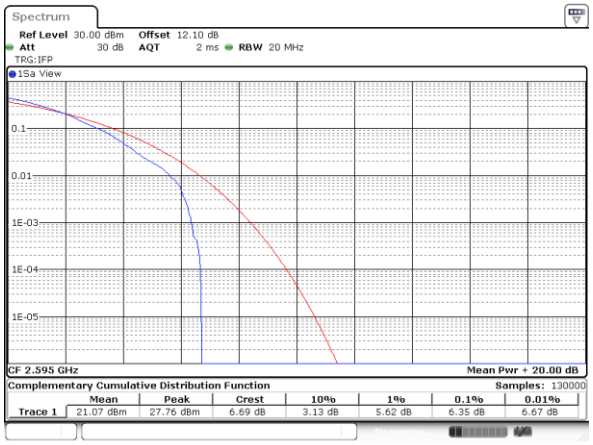
Lowest Channel / 1RB



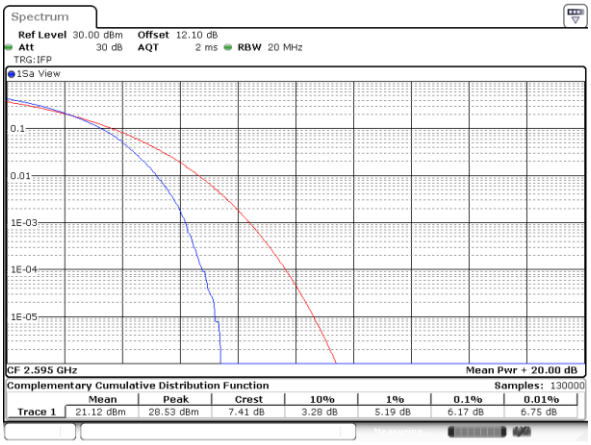
Lowest Channel / Full RB



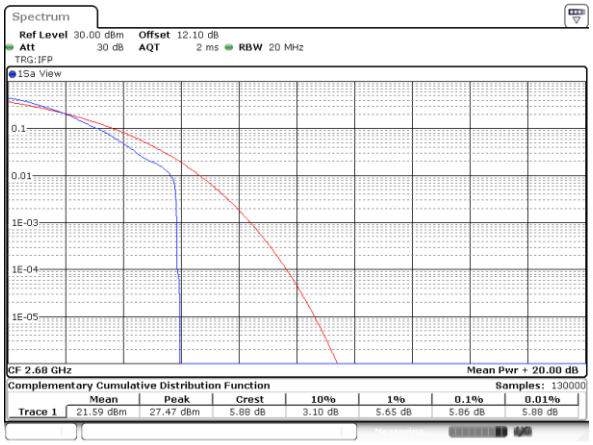
Middle Channel / 1RB



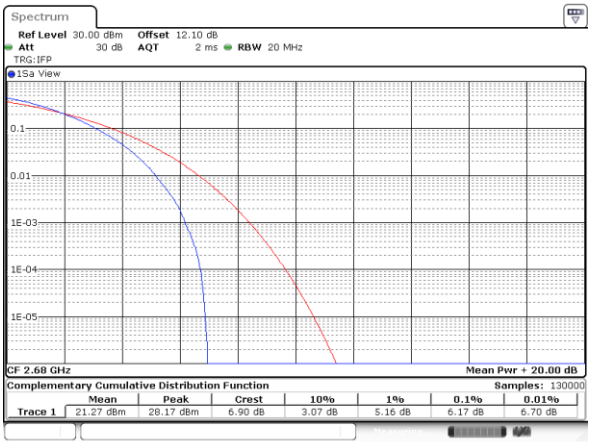
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

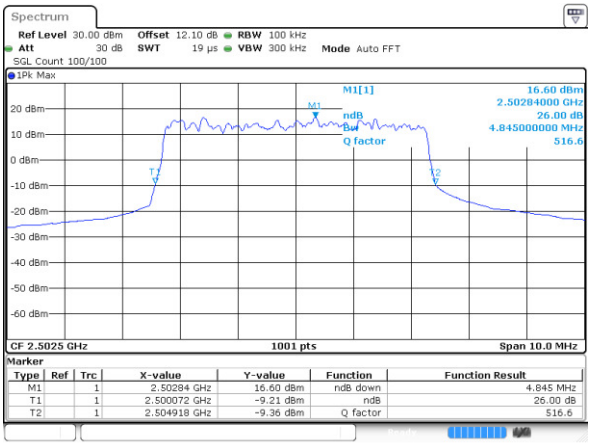


26dB Bandwidth

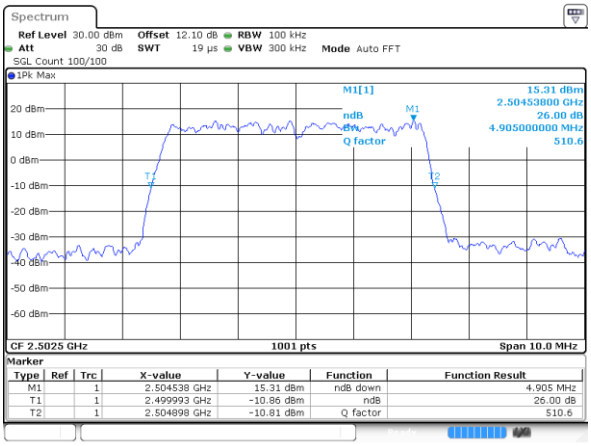
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.94	4.85	9.65	9.65	14.39	14.15	20.06	20.14
Middle CH	-	-	-	-	4.90	4.78	9.87	9.61	14.33	14.15	19.98	20.02
Highest CH	-	-	-	-	4.91	4.80	9.79	9.69	14.36	14.12	20.06	20.02
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.81	-	9.91	-	14.24	-	20.10	-
Middle CH	-	-	-	-	4.84	-	9.83	-	14.18	-	20.18	-
Highest CH	-	-	-	-	4.89	-	9.89	-	14.21	-	20.06	-

LTE Band 41

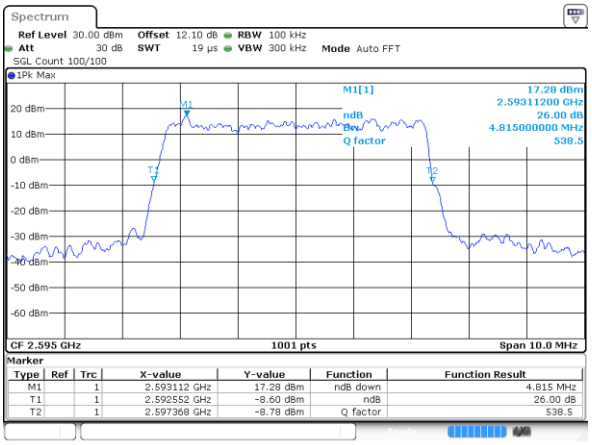
Lowest Channel / 5MHz / QPSK



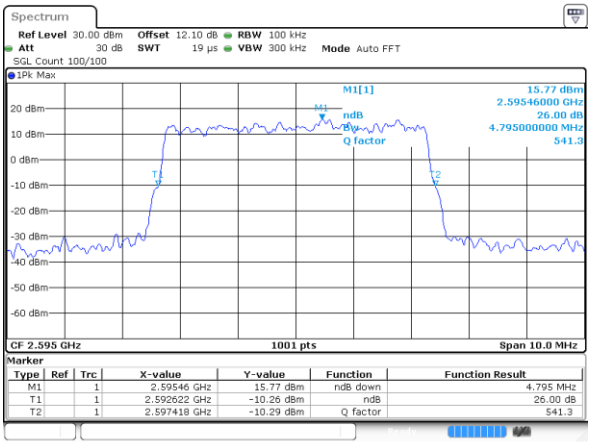
Lowest Channel / 5MHz / 16QAM



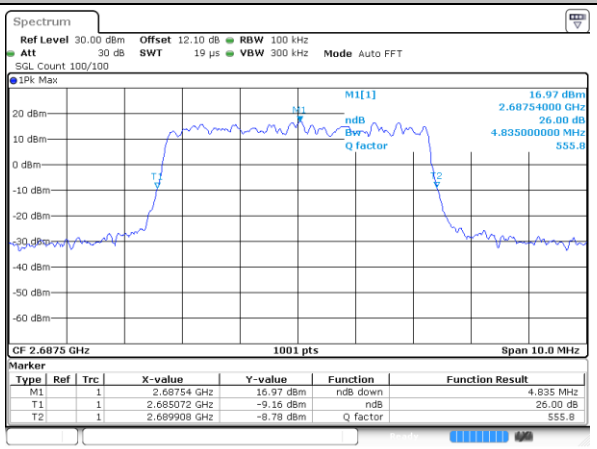
Middle Channel / 5MHz / QPSK



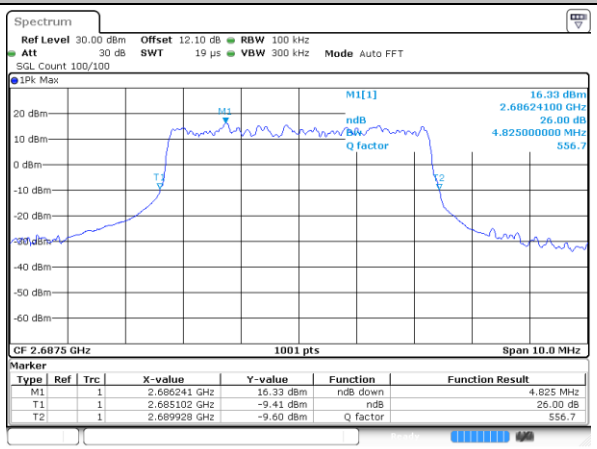
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

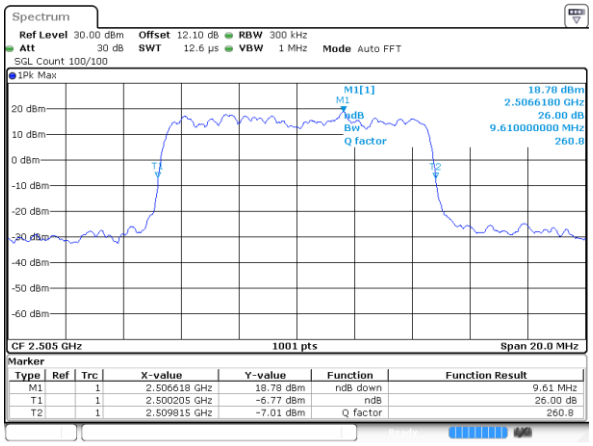


Highest Channel / 5MHz / 16QAM

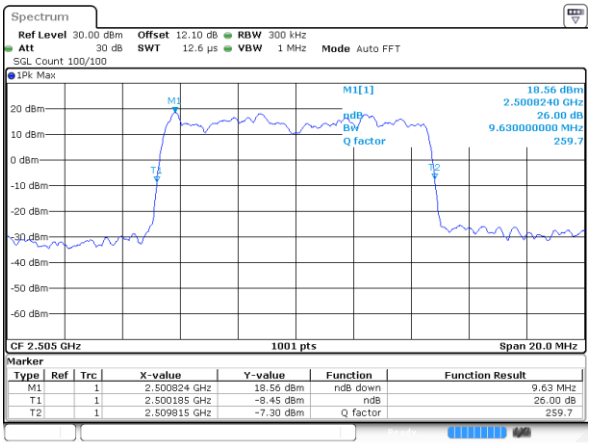


LTE Band 41

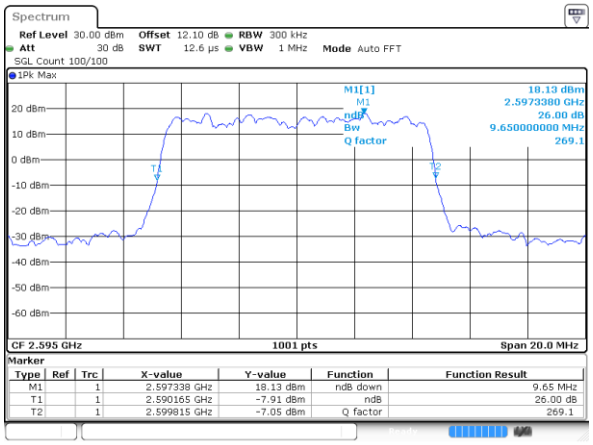
Lowest Channel / 10MHz / QPSK



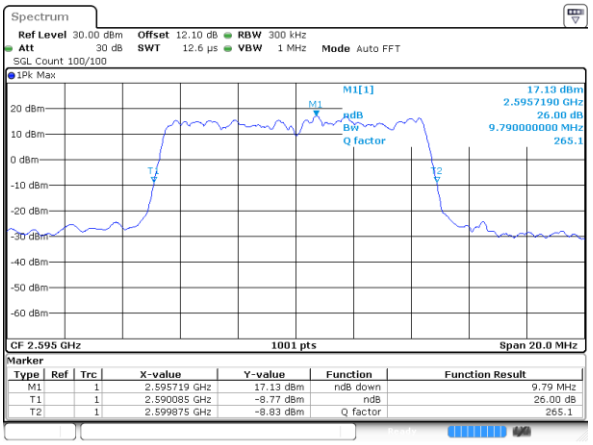
Lowest Channel / 10MHz / 16QAM



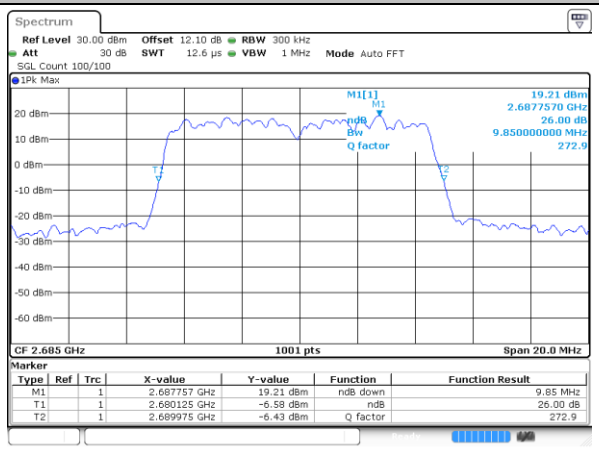
Middle Channel / 10MHz / QPSK



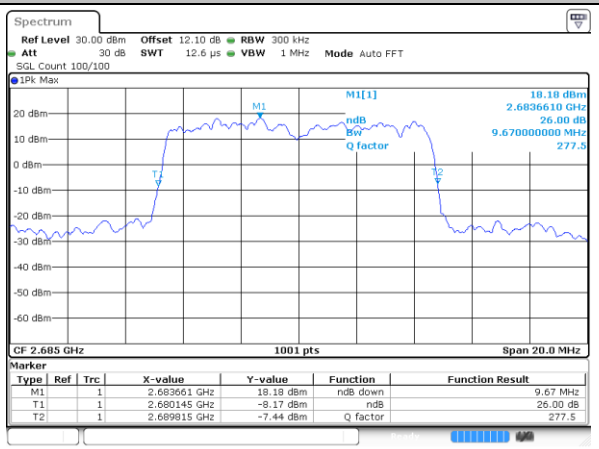
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

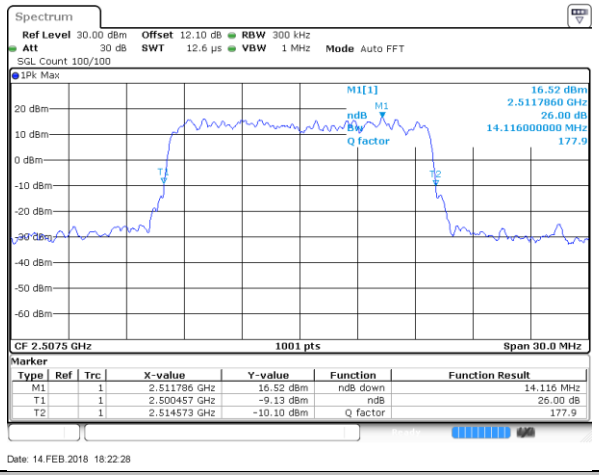


Highest Channel / 10MHz / 16QAM

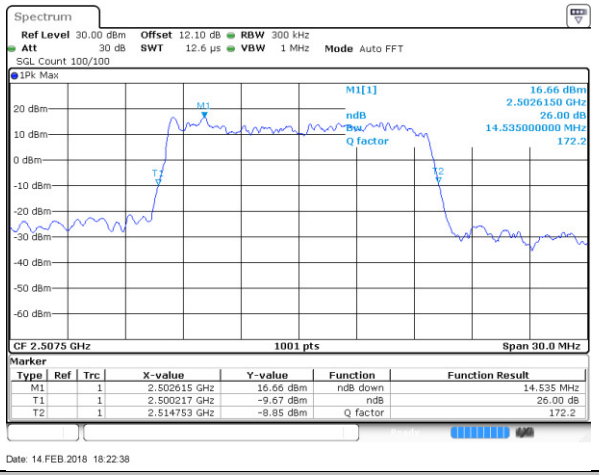


LTE Band 41

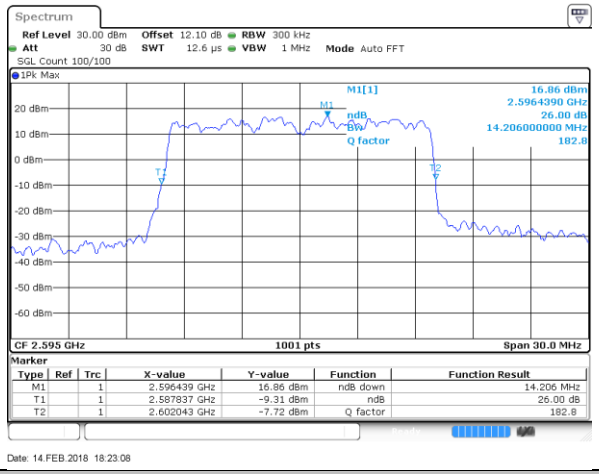
Lowest Channel / 15MHz / QPSK



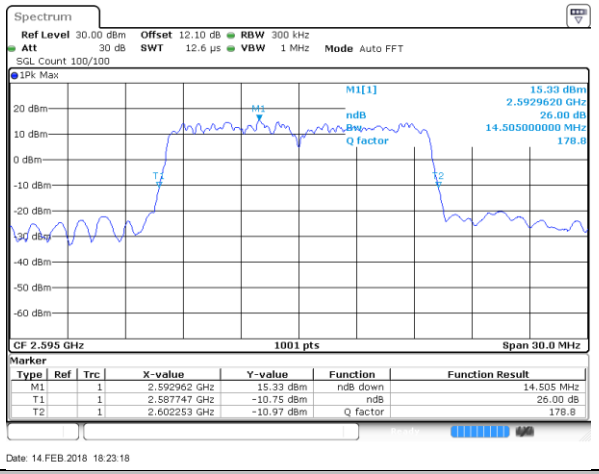
Lowest Channel / 15MHz / 16QAM



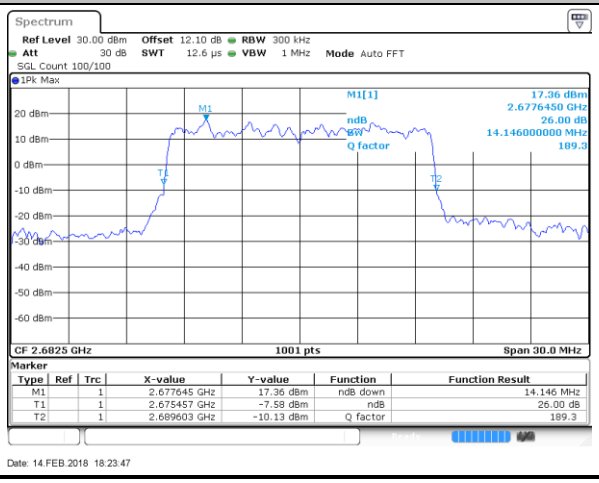
Middle Channel / 15MHz / QPSK



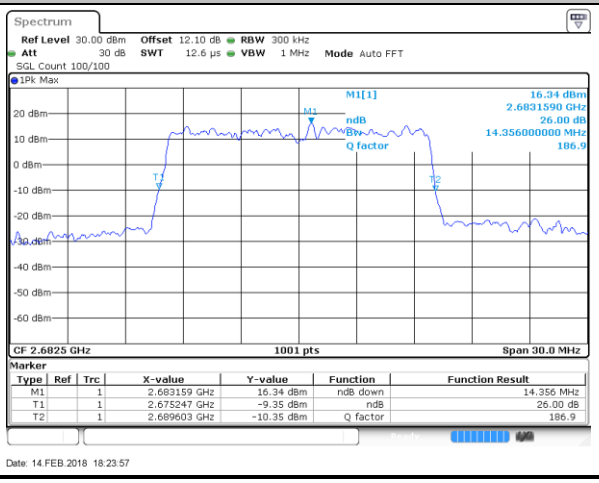
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

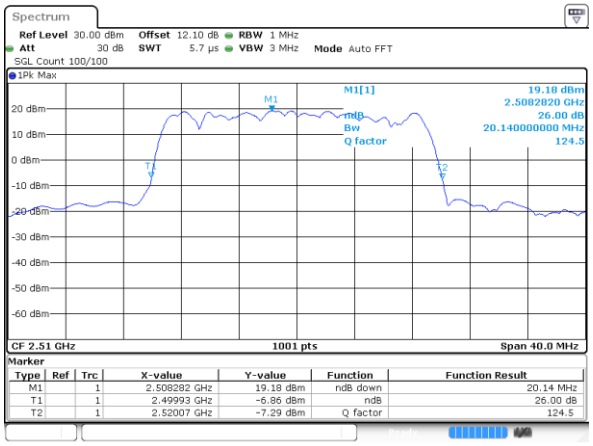


Highest Channel / 15MHz / 16QAM

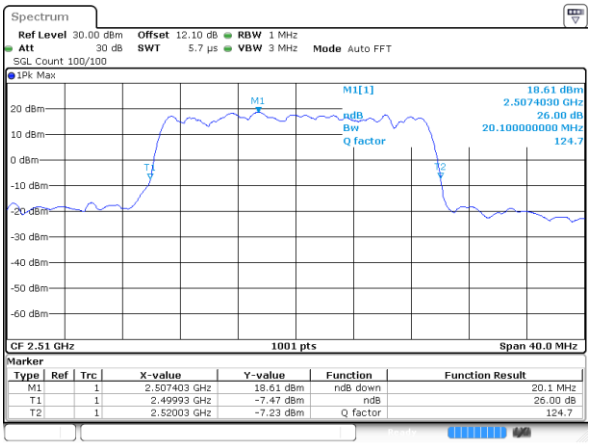


LTE Band 41

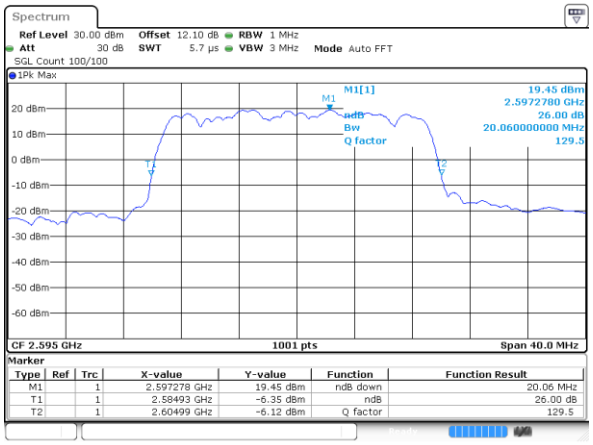
Lowest Channel / 20MHz / QPSK



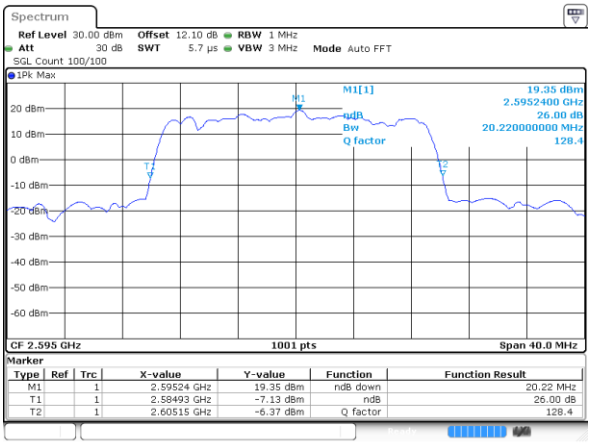
Lowest Channel / 20MHz / 16QAM



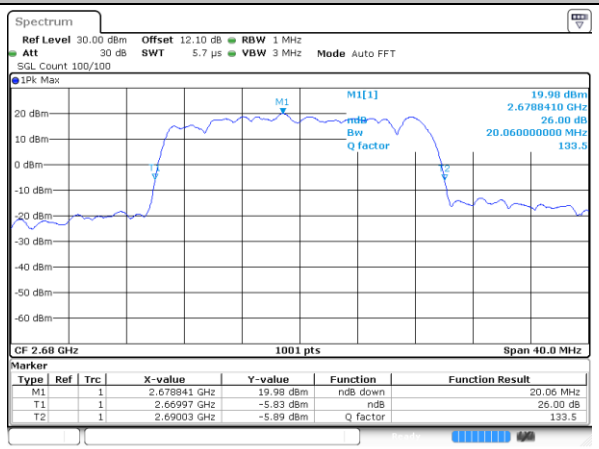
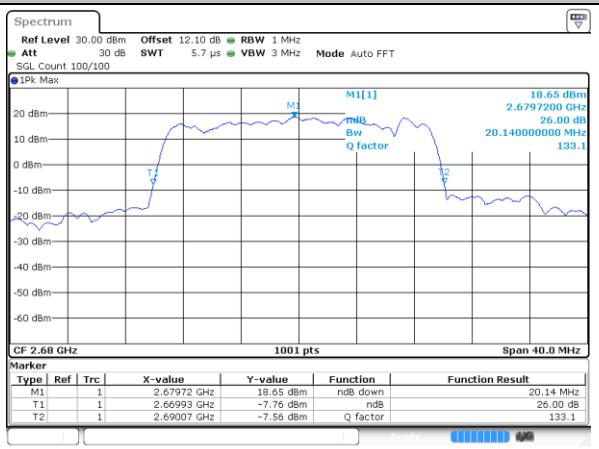
Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM