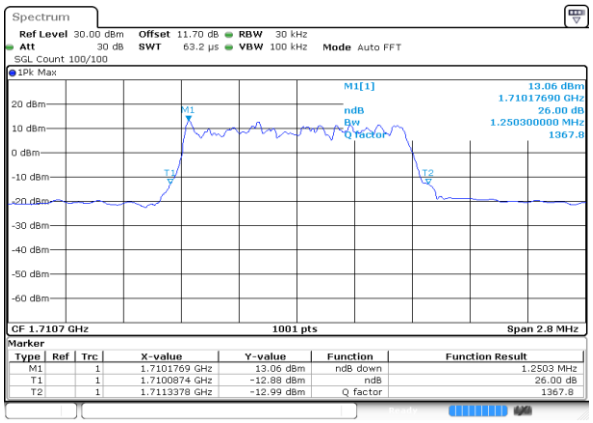
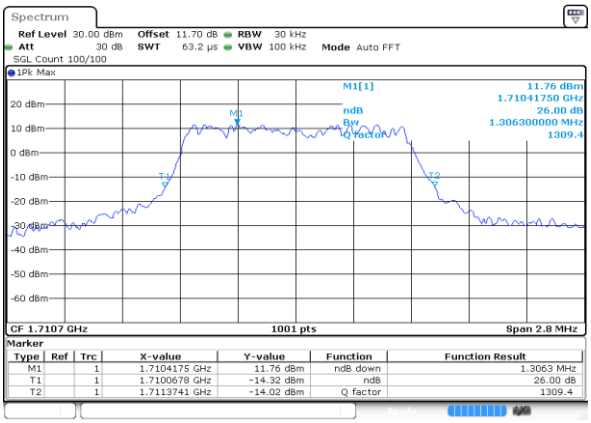
LTE Band 4

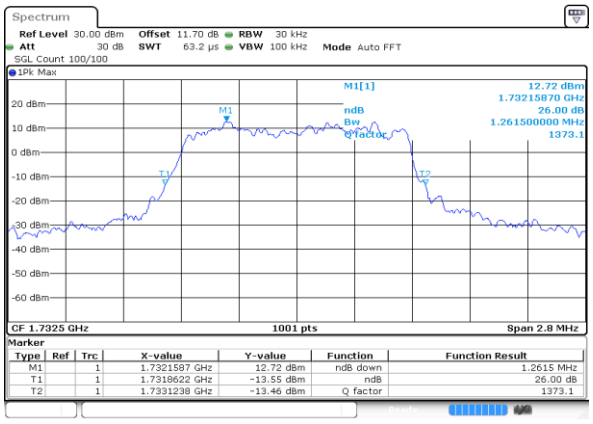
Lowest Channel / 1.4MHz / QPSK



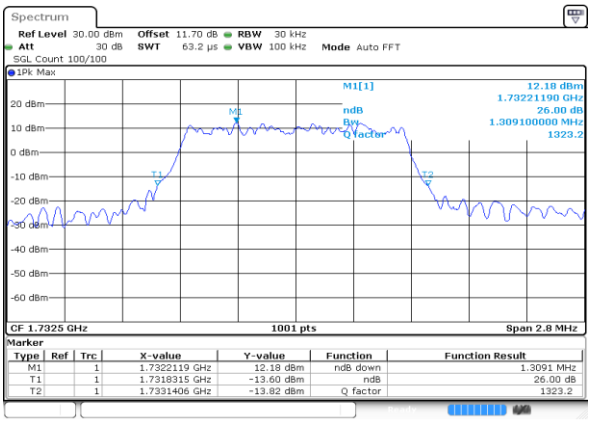
Lowest Channel / 1.4MHz / 16QAM



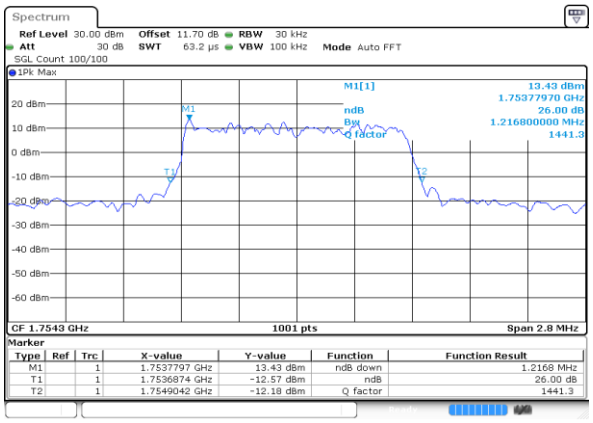
Middle Channel / 1.4MHz / QPSK



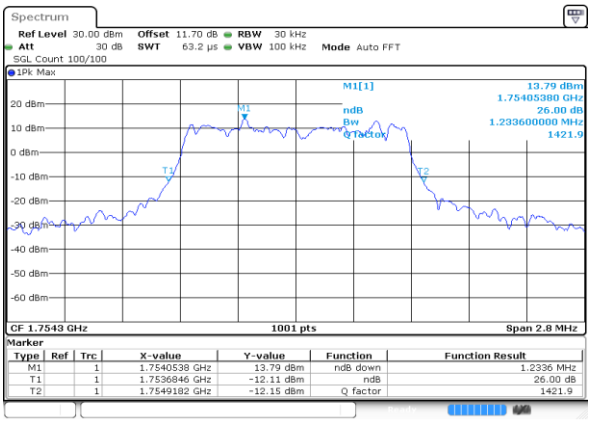
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

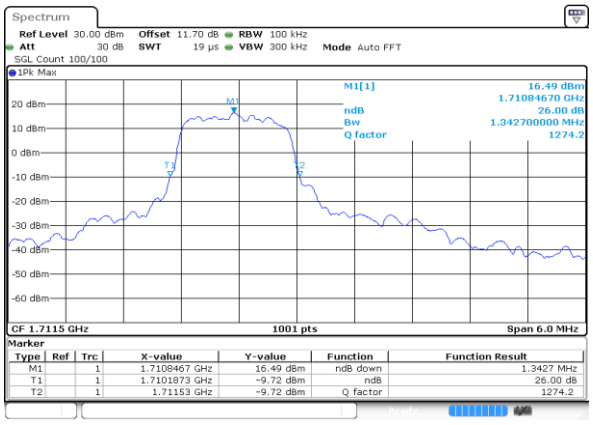


Highest Channel / 1.4MHz / 16QAM

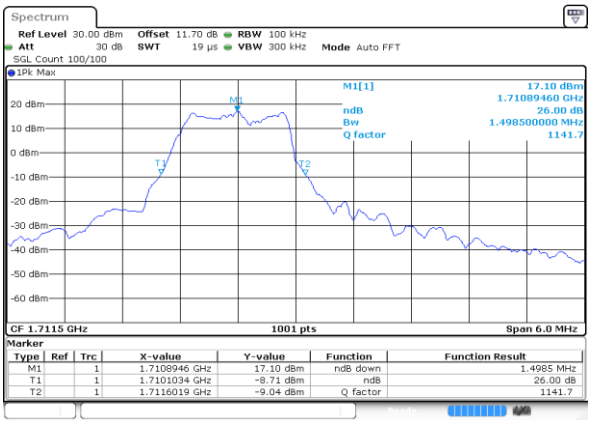


LTE Band 4

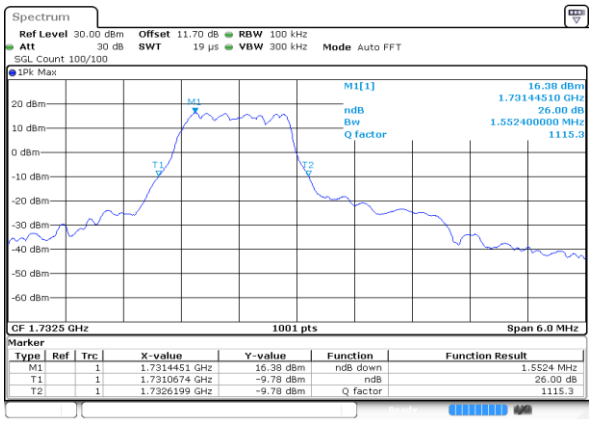
Lowest Channel / 3MHz / QPSK



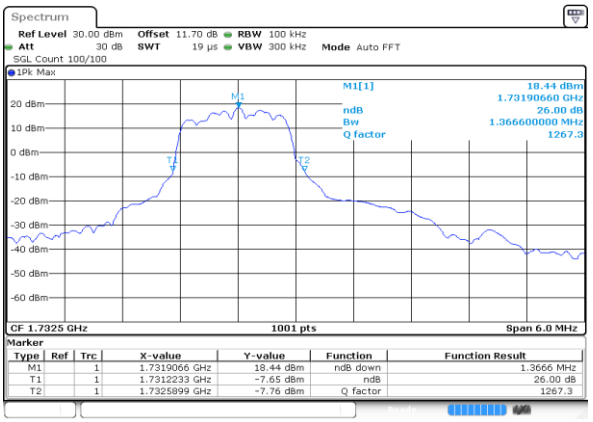
Lowest Channel / 3MHz / 16QAM



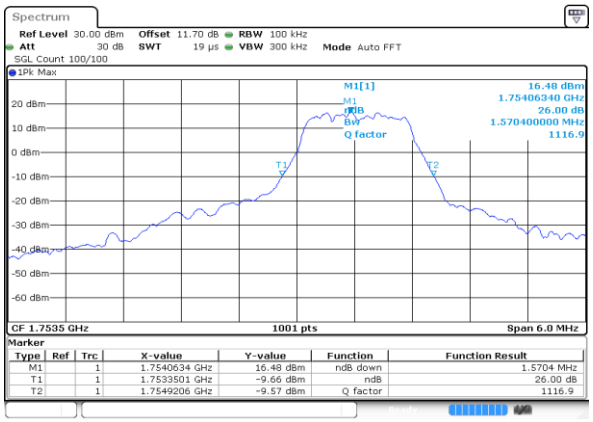
Middle Channel / 3MHz / QPSK



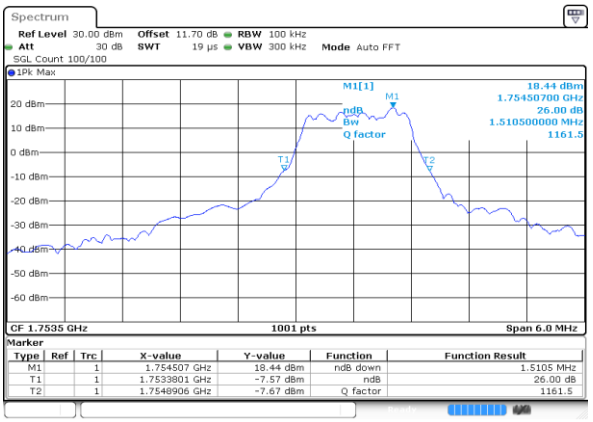
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

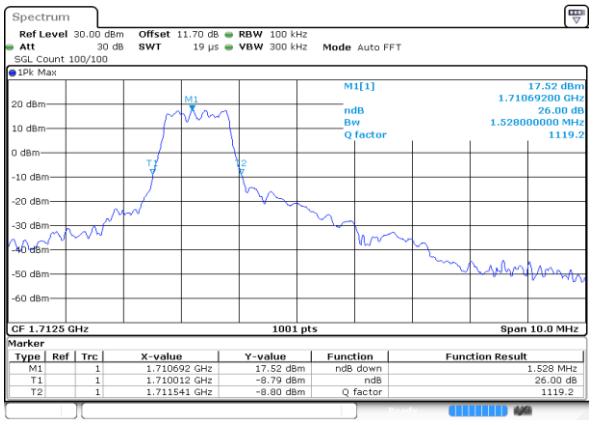


Highest Channel /3MHz / 16QAM

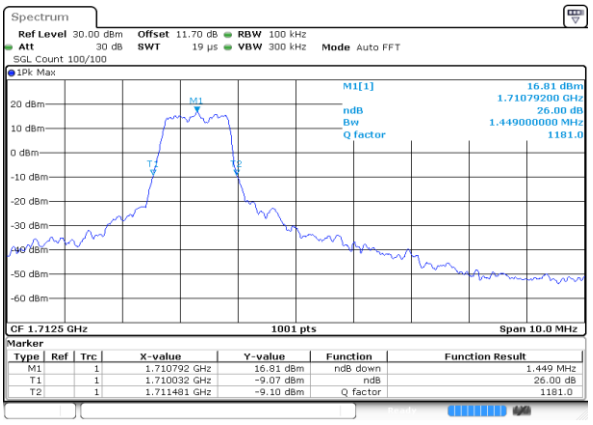


LTE Band 4

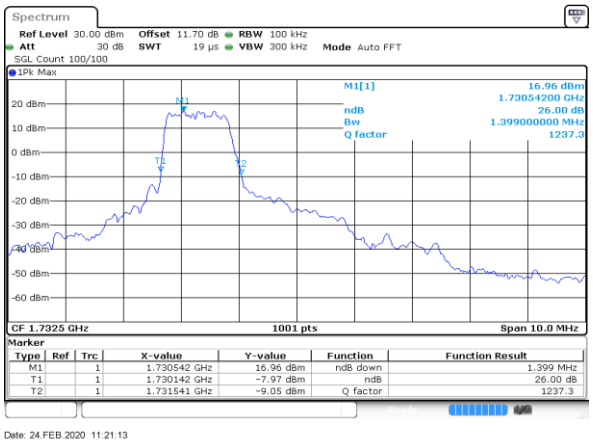
Lowest Channel / 5MHz / QPSK



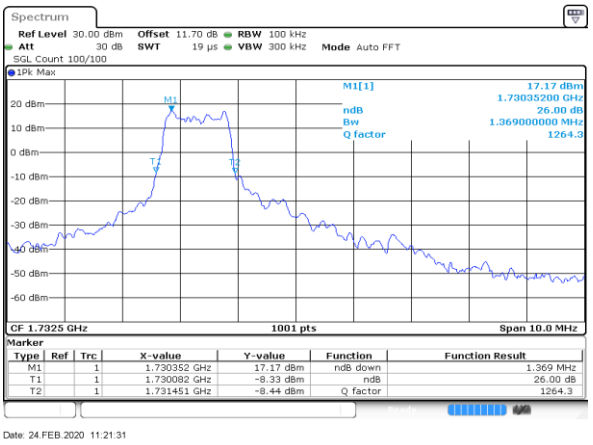
Lowest Channel / 5MHz / 16QAM



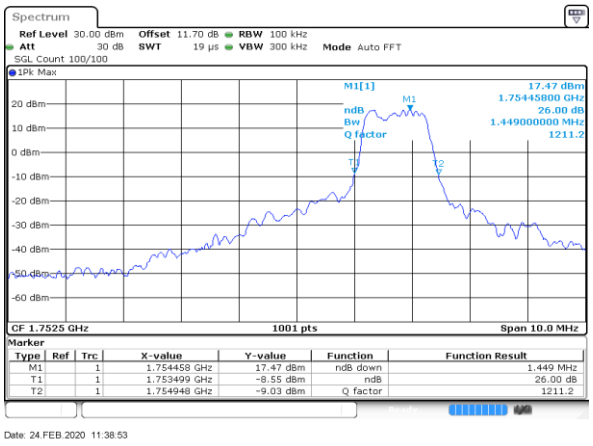
Middle Channel / 5MHz / QPSK



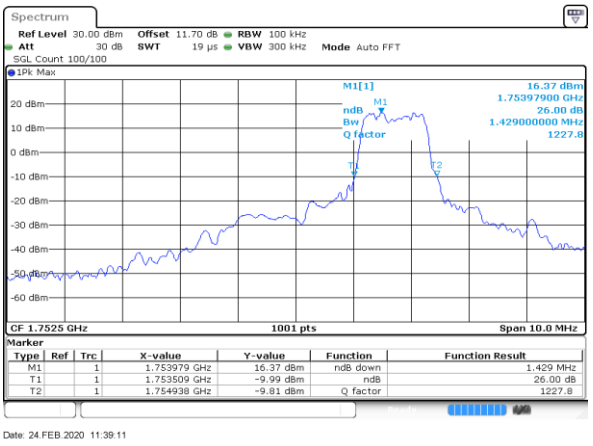
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

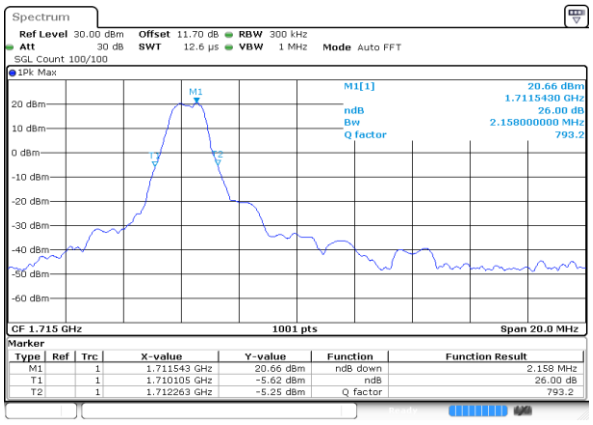


Highest Channel / 5MHz / 16QAM

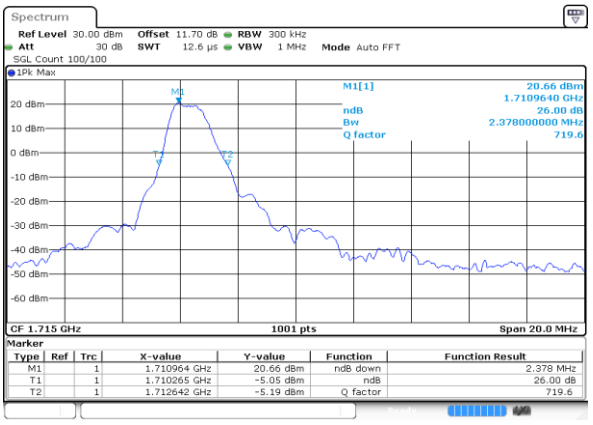


LTE Band 4

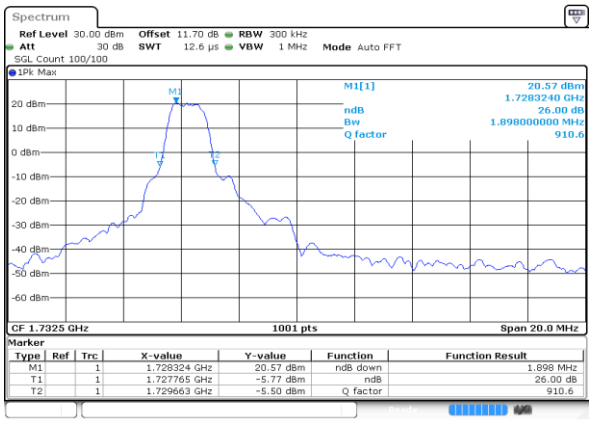
Lowest Channel / 10MHz / QPSK



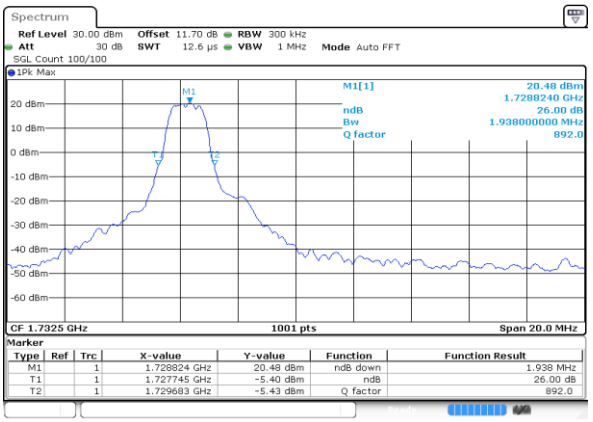
Lowest Channel / 10MHz / 16QAM



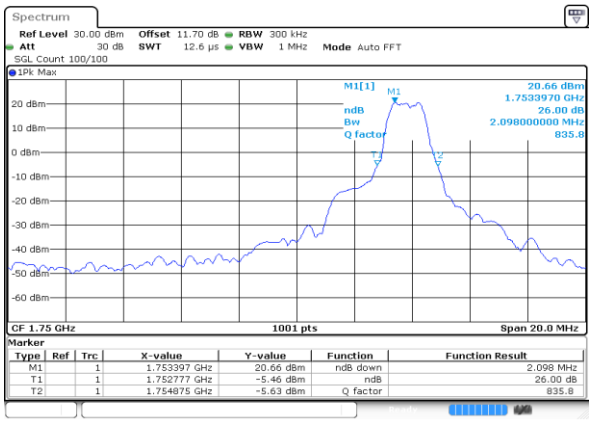
Middle Channel / 10MHz / QPSK



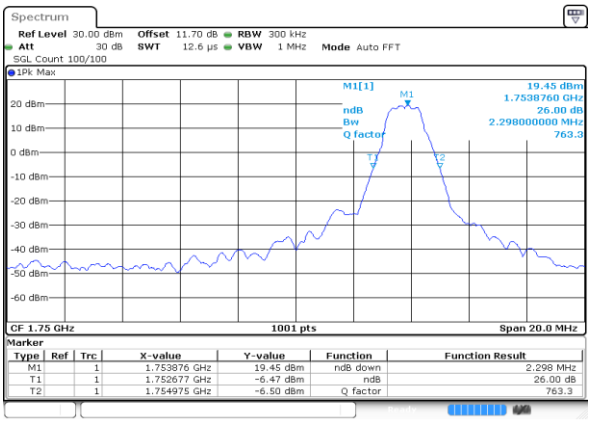
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

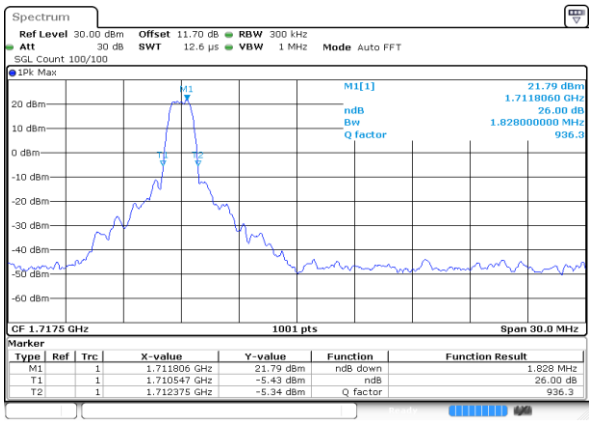


Highest Channel / 10MHz / 16QAM

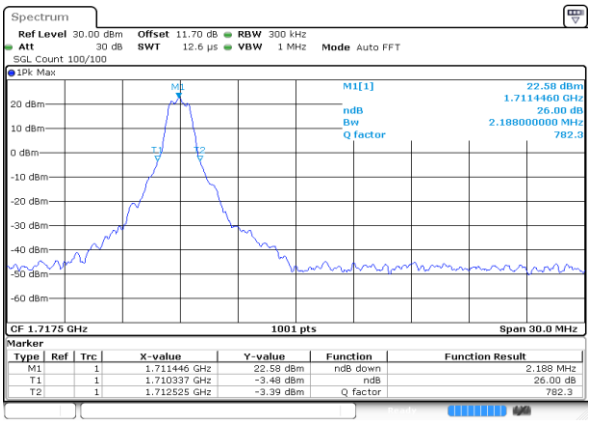


LTE Band 4

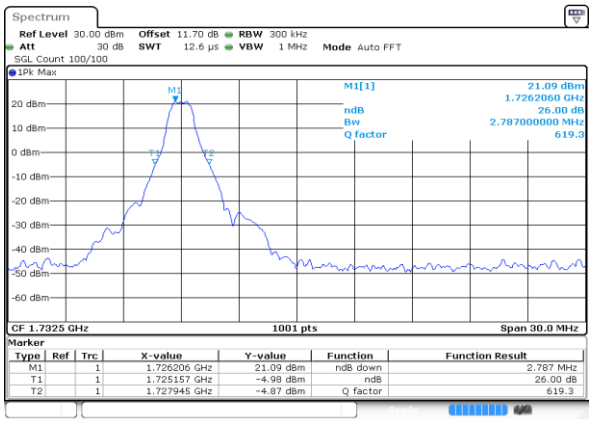
Lowest Channel / 15MHz / QPSK



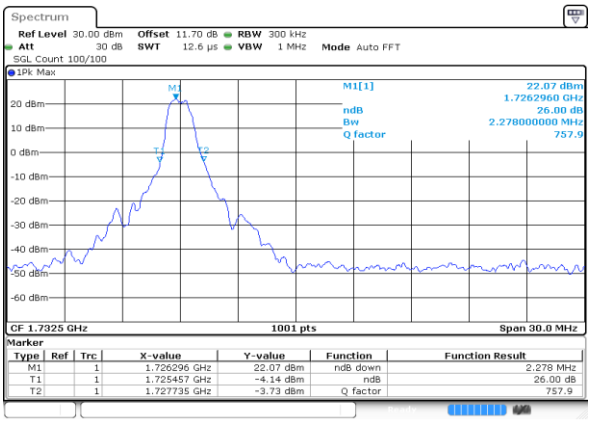
Lowest Channel / 15MHz / 16QAM



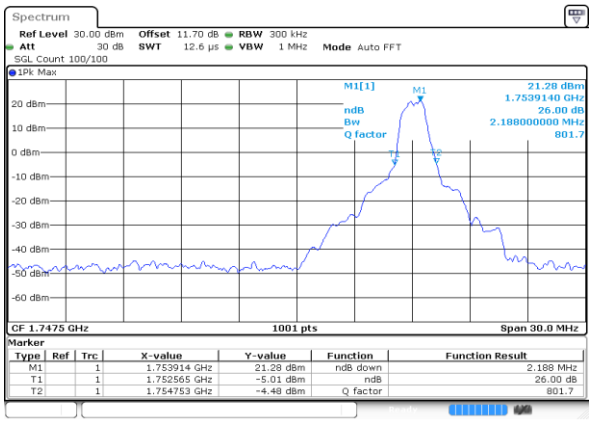
Middle Channel / 15MHz / QPSK



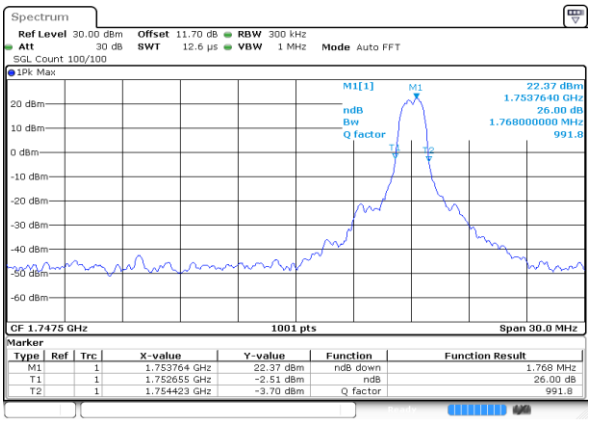
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

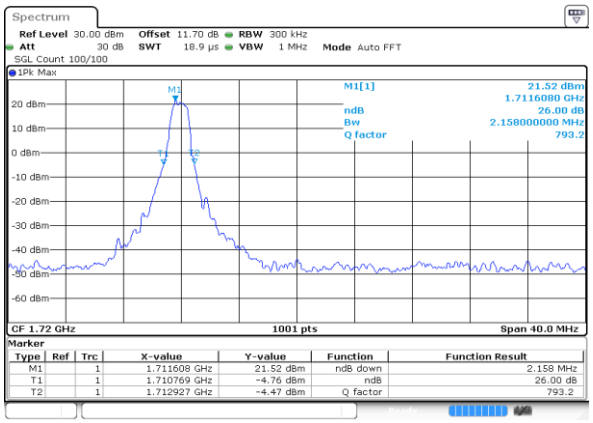


Highest Channel / 15MHz / 16QAM

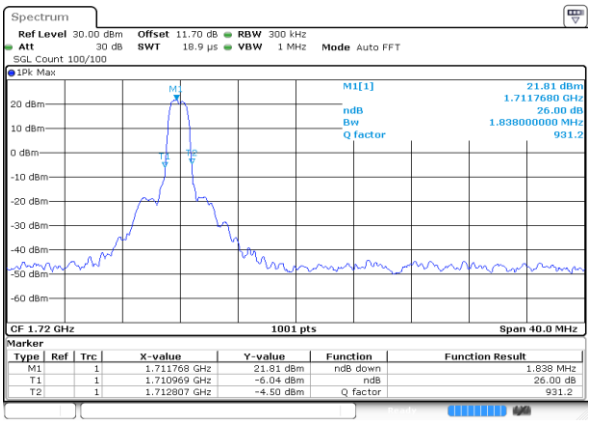


LTE Band 4

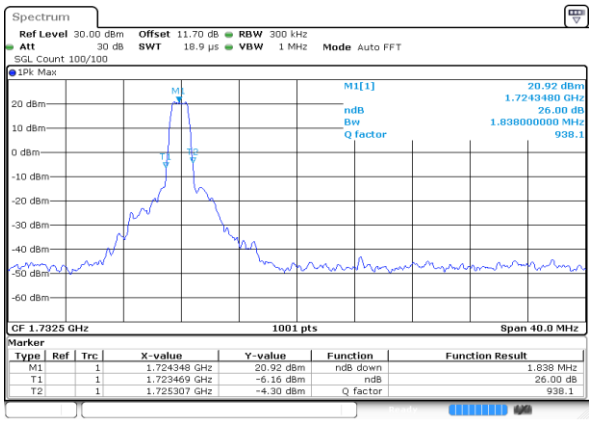
Lowest Channel / 20MHz / QPSK



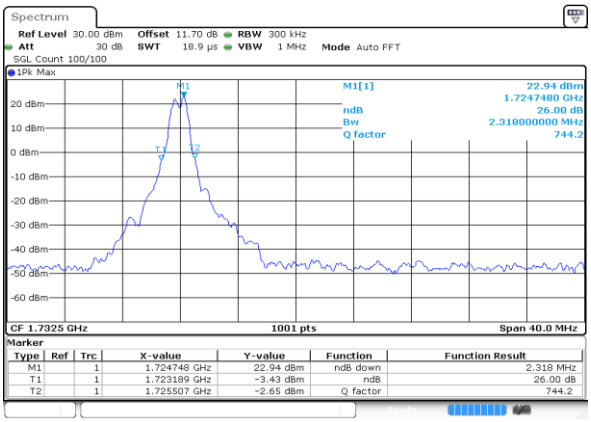
Lowest Channel / 20MHz / 16QAM



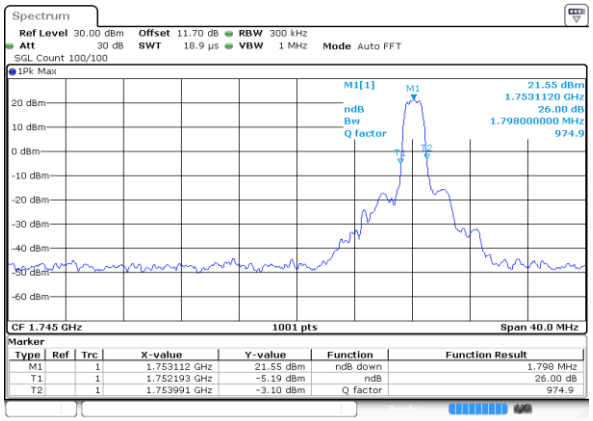
Middle Channel / 20MHz / QPSK



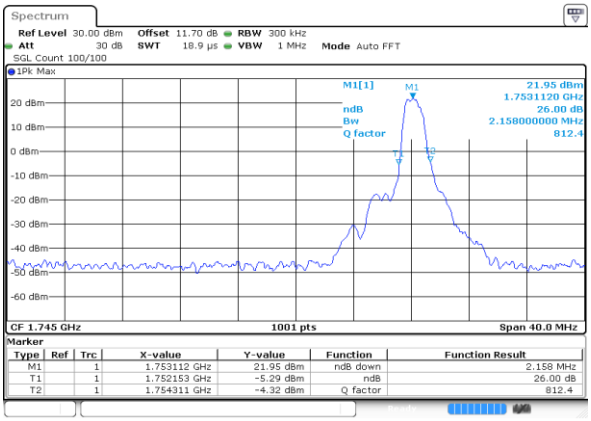
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

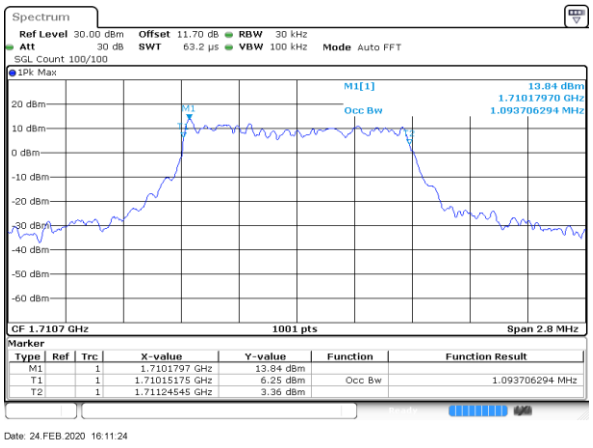


Occupied Bandwidth

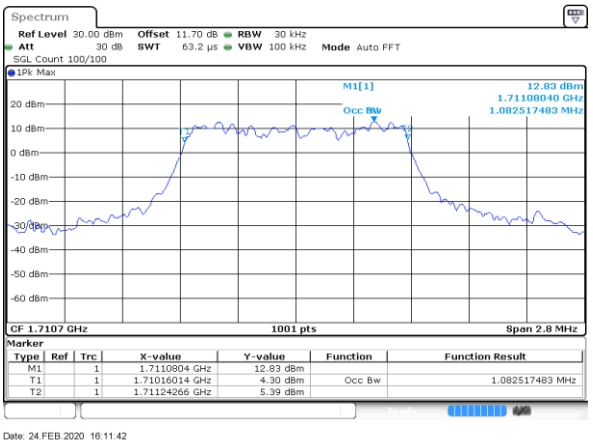
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.08	1.16	1.21	1.16	1.18	1.46	1.40	1.41	1.53	1.56	1.52
Middle CH	1.09	1.09	1.16	1.16	1.16	1.21	1.48	1.44	1.44	1.65	1.48	1.64
Highest CH	1.10	1.09	1.14	1.21	1.20	1.15	1.46	1.46	1.47	1.44	1.48	1.52

LTE Band 4

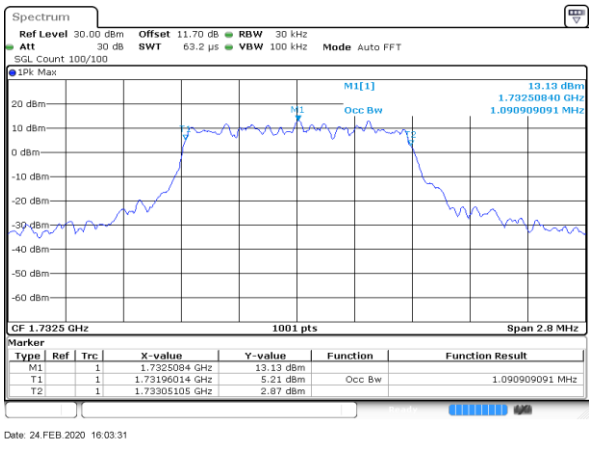
Lowest Channel / 1.4MHz / QPSK



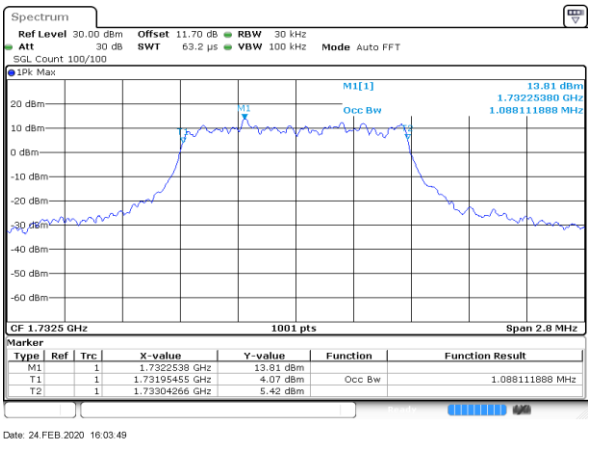
Lowest Channel / 1.4MHz / 16QAM



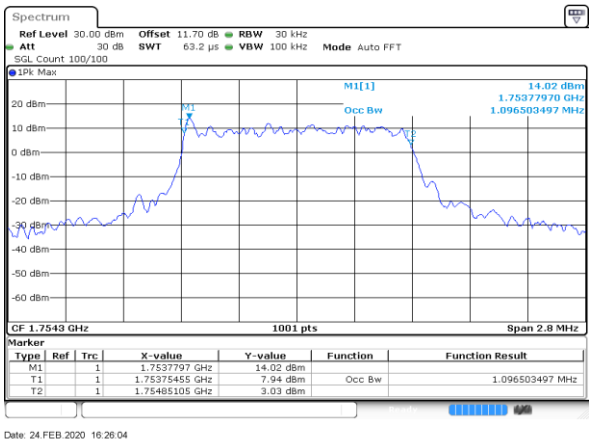
Middle Channel / 1.4MHz / QPSK



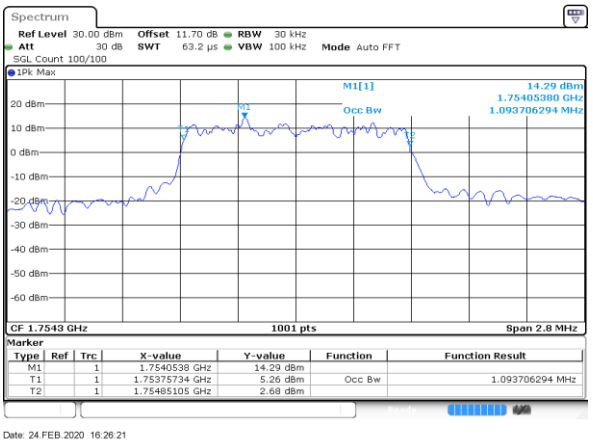
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

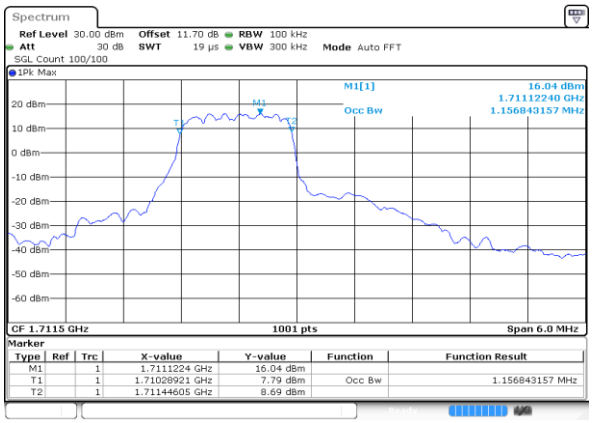


Highest Channel / 1.4MHz / 16QAM

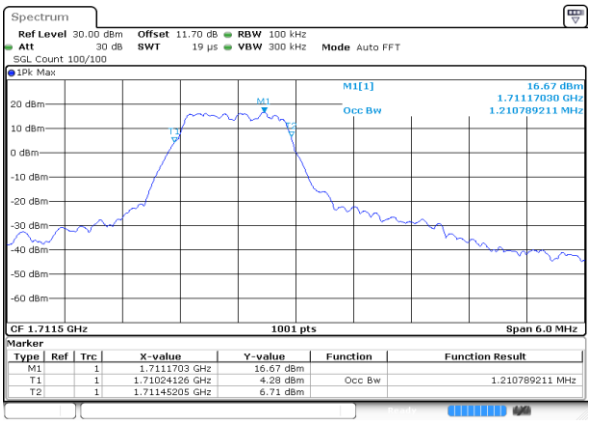


LTE Band 4

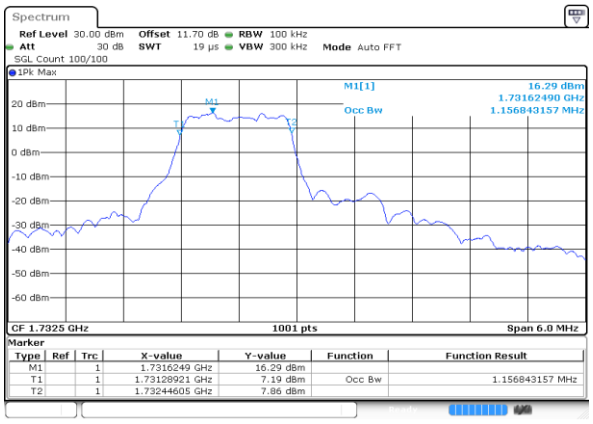
Lowest Channel / 3MHz / QPSK



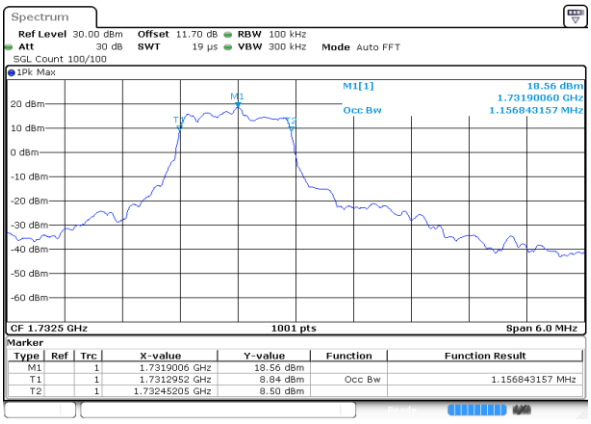
Lowest Channel / 3MHz / 16QAM



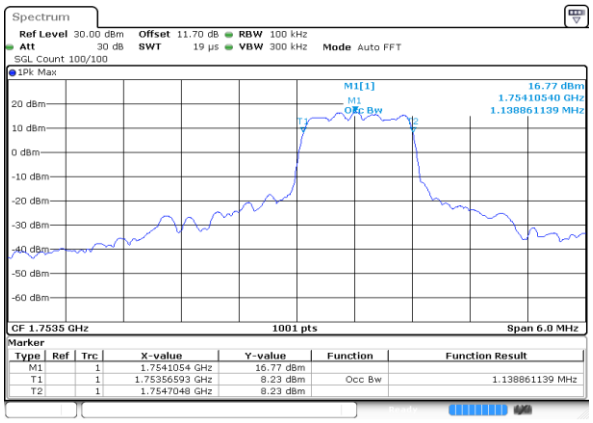
Middle Channel / 3MHz / QPSK



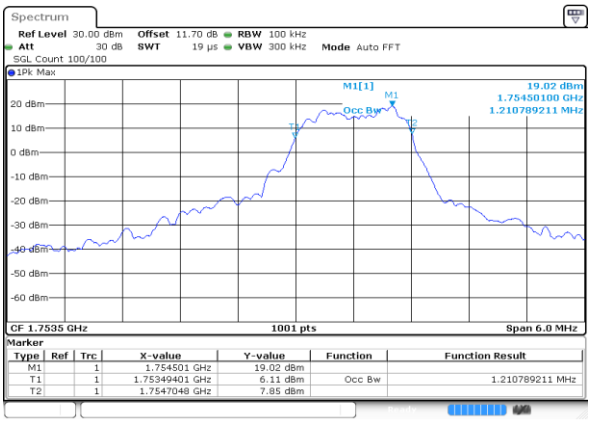
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

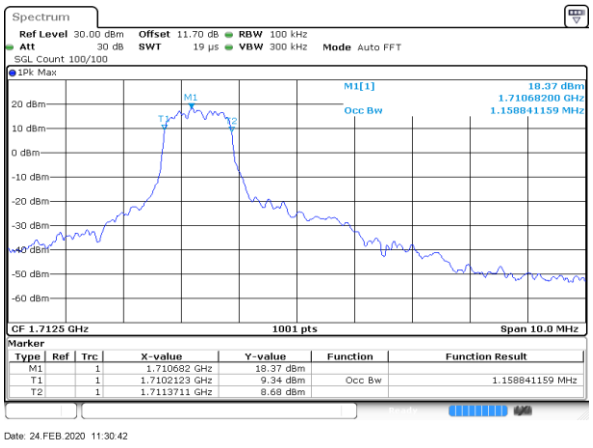


Highest Channel / 3MHz / 16QAM

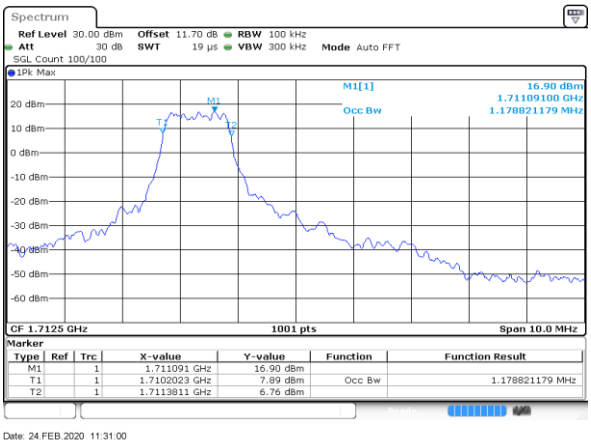


LTE Band 4

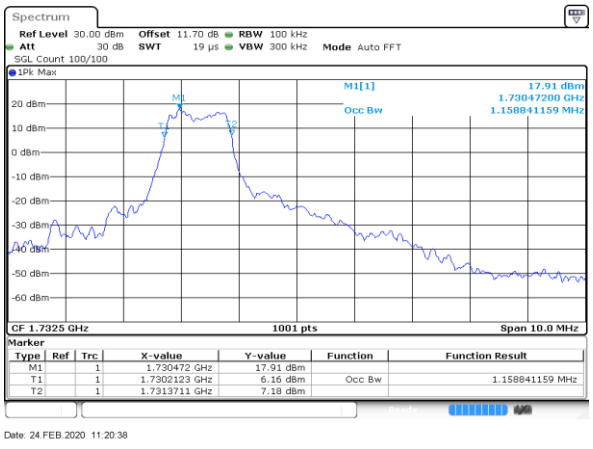
Lowest Channel / 5MHz / QPSK



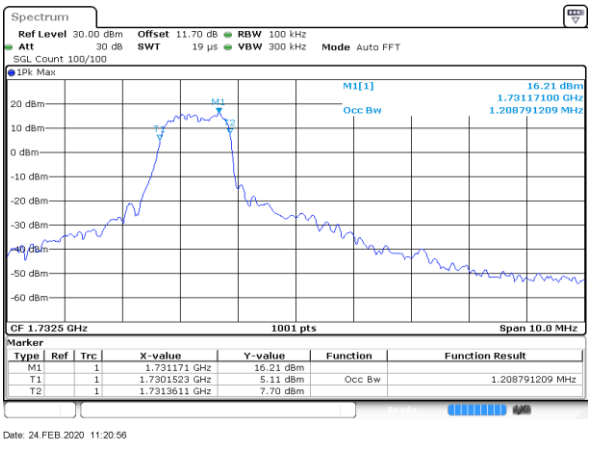
Lowest Channel / 5MHz / 16QAM



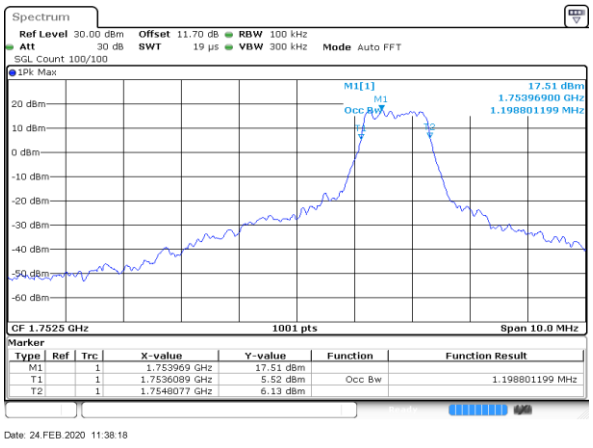
Middle Channel / 5MHz / QPSK



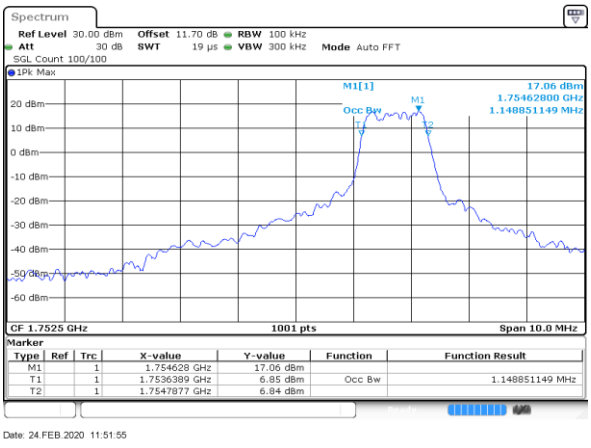
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



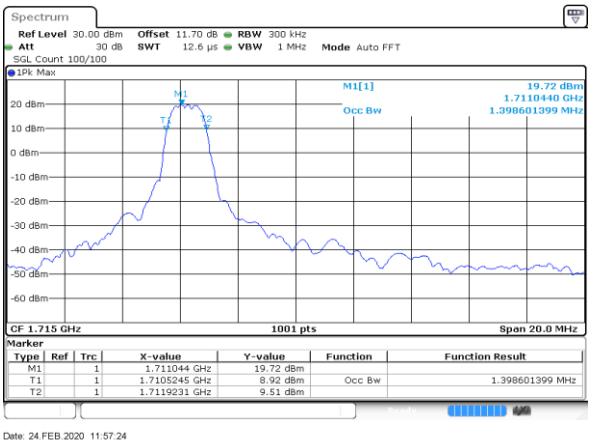
Highest Channel / 5MHz / 16QAM



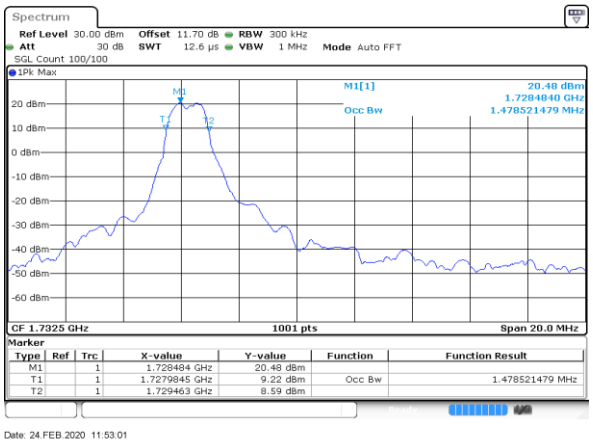
LTE Band 4

Lowest Channel / 10MHz / QPSK

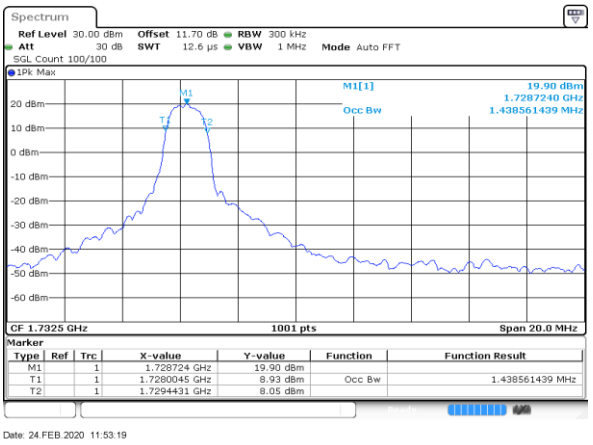
Lowest Channel / 10MHz / 16QAM



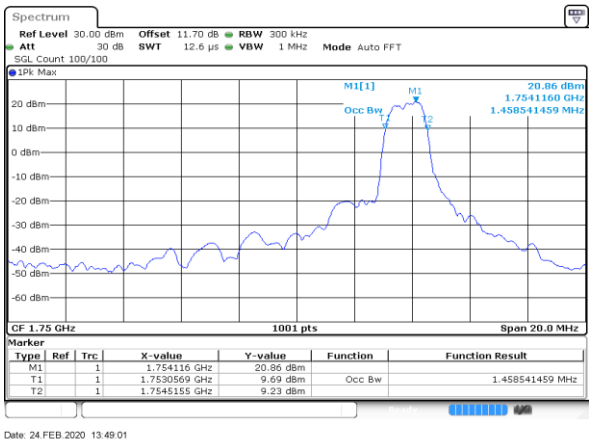
Middle Channel / 10MHz / QPSK



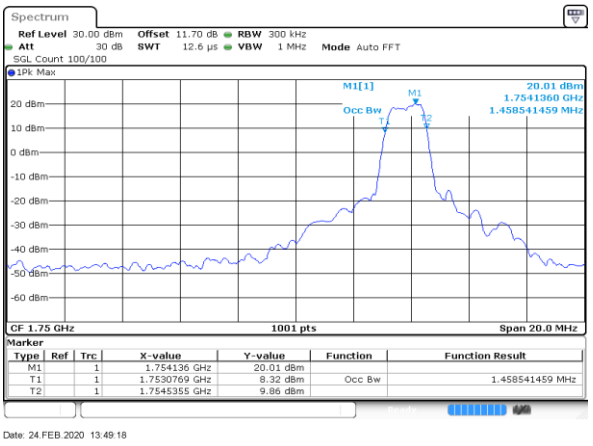
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

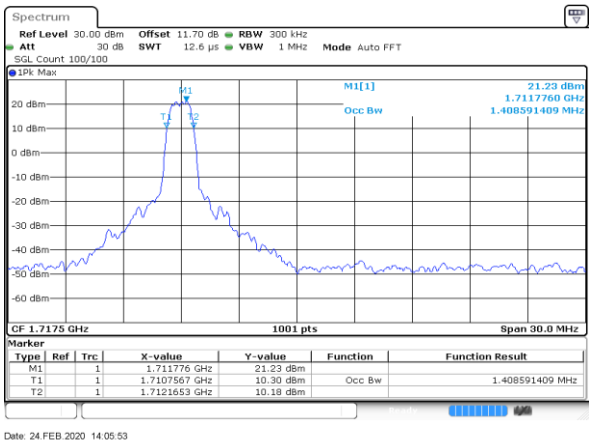


Highest Channel / 10MHz / 16QAM

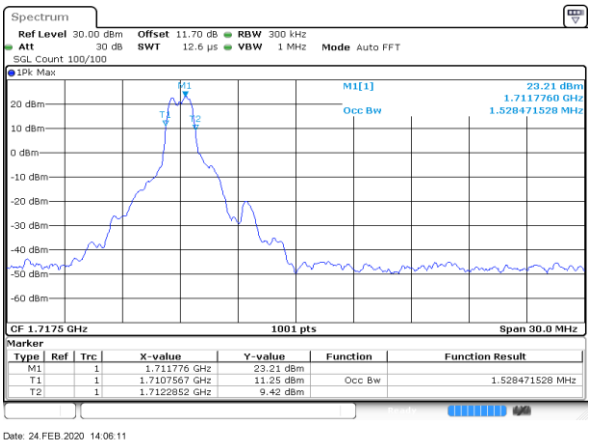


LTE Band 4

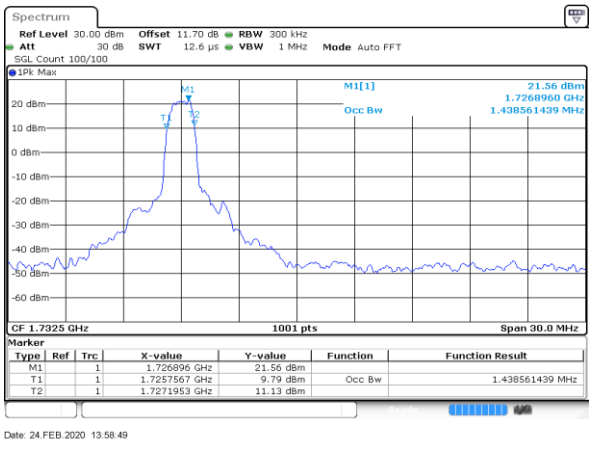
Lowest Channel / 15MHz / QPSK



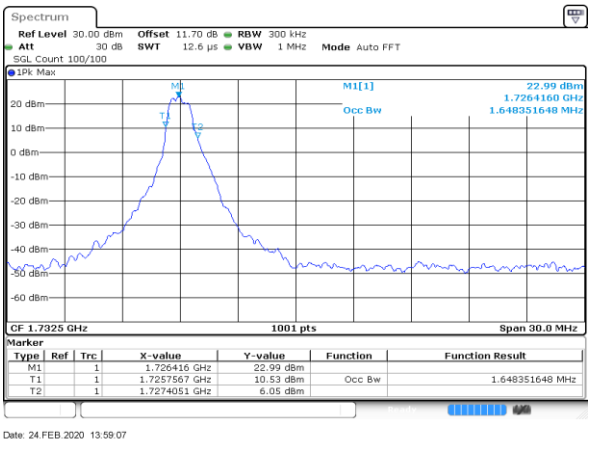
Lowest Channel / 15MHz / 16QAM



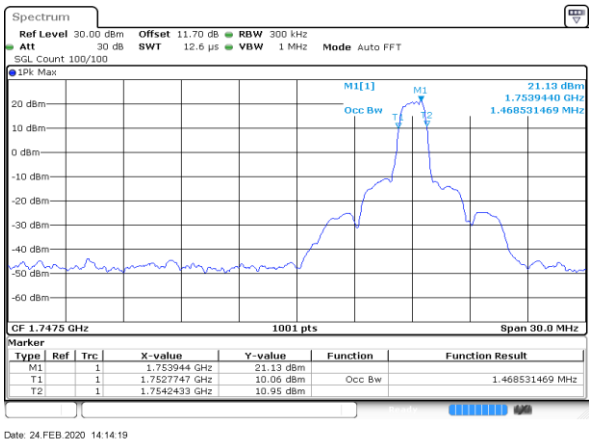
Middle Channel / 15MHz / QPSK



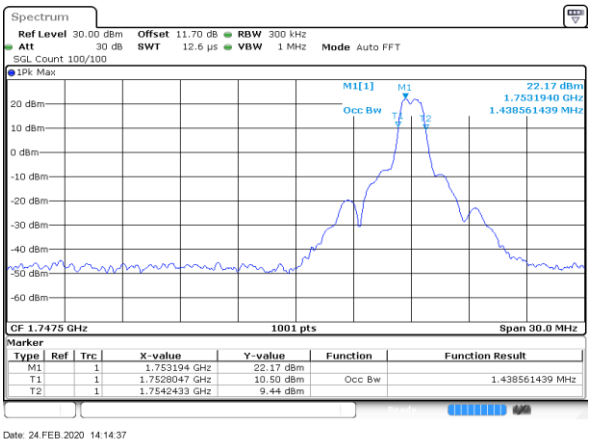
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

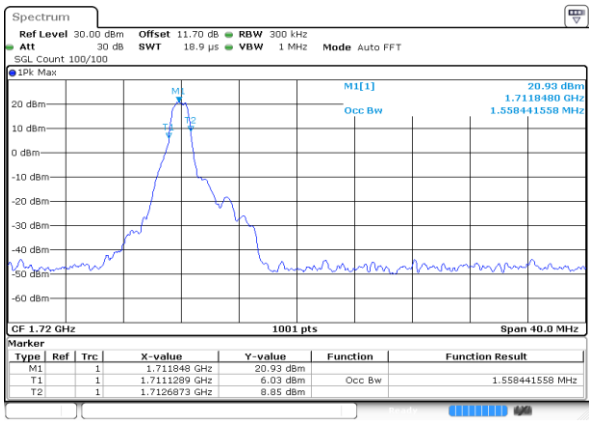


Highest Channel / 15MHz / 16QAM

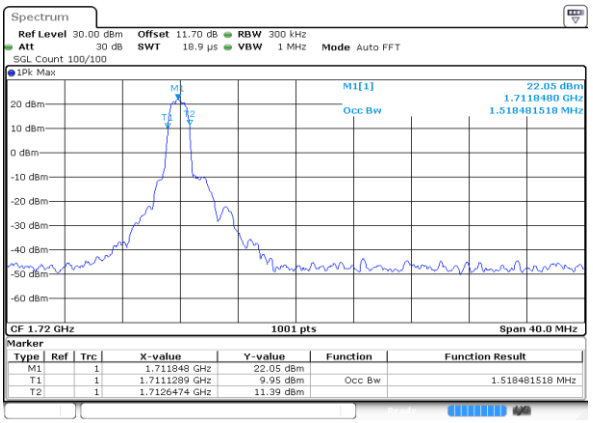


LTE Band 4

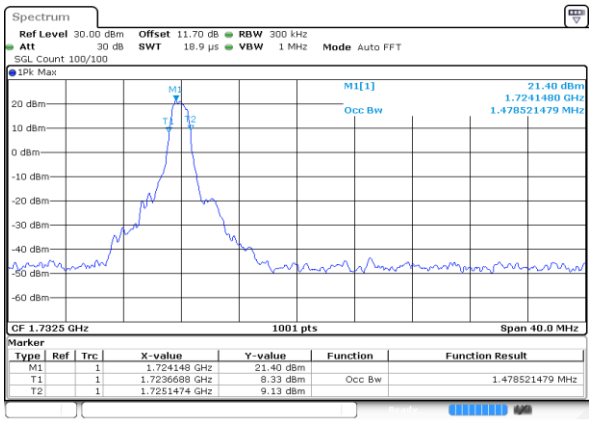
Lowest Channel / 20MHz / QPSK



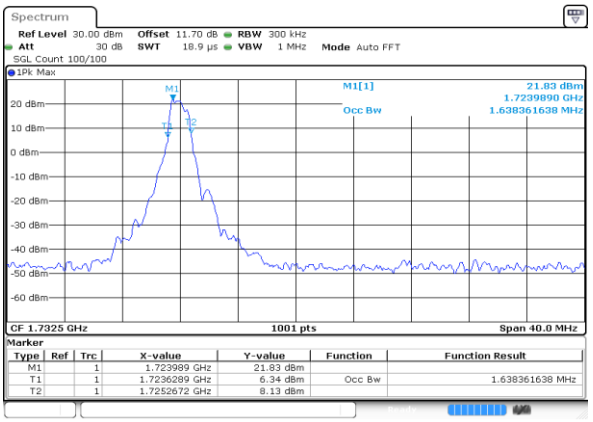
Lowest Channel / 20MHz / 16QAM



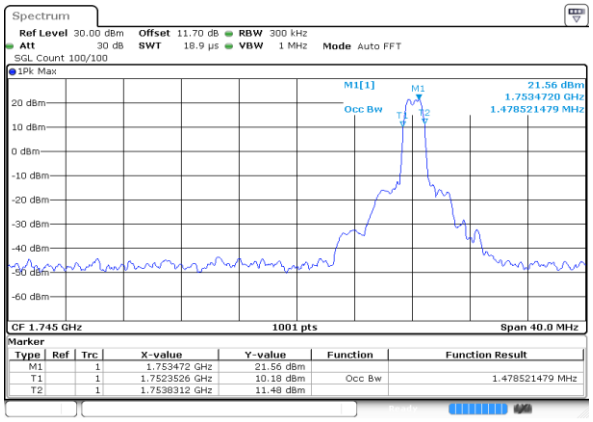
Middle Channel / 20MHz / QPSK



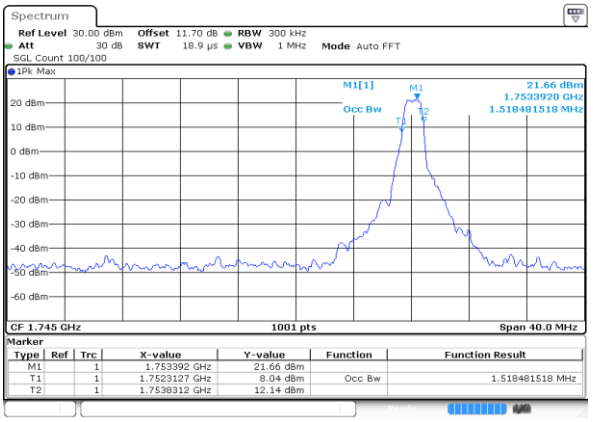
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



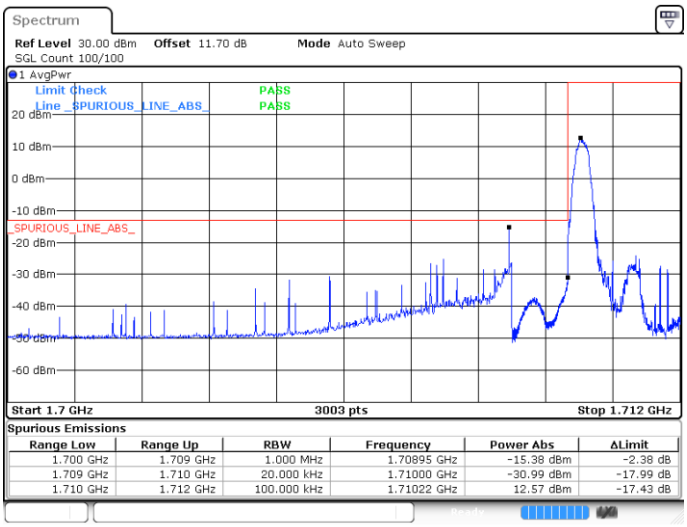
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 4 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

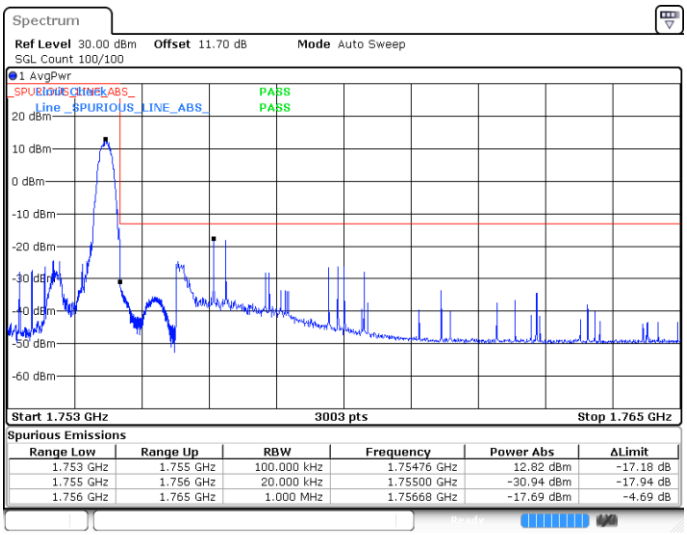


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70895 GHz	-15.38 dBm	-2.38 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-30.99 dBm	-17.99 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71022 GHz	12.57 dBm	-17.43 dB

Date: 24.FEB.2020 16:13:26

Highest Band Edge / 1RB

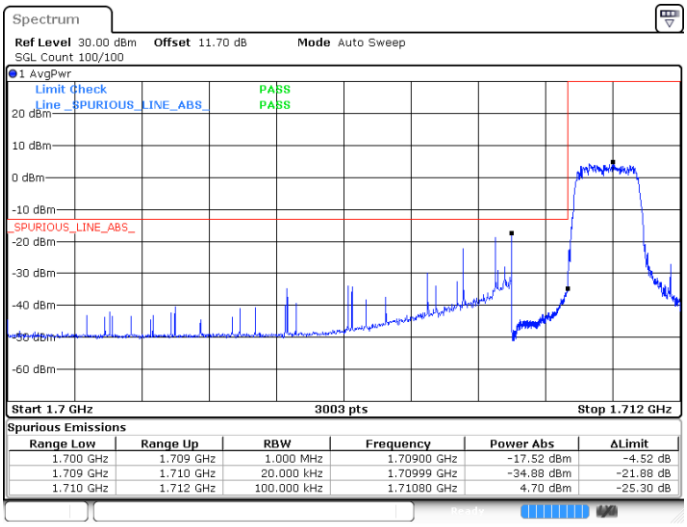


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75476 GHz	12.82 dBm	-17.18 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-30.94 dBm	-17.94 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75668 GHz	-17.69 dBm	-4.69 dB

Date: 24.FEB.2020 16:35:00

Lowest Band Edge / Full RB

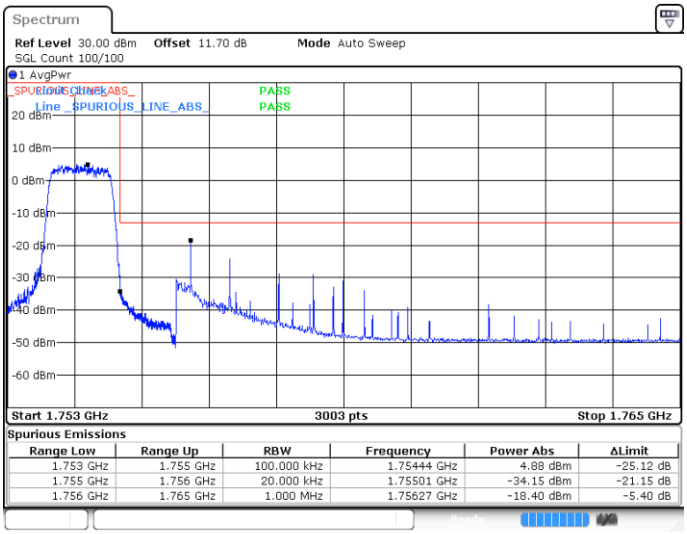


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-17.52 dBm	-4.52 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.70999 GHz	-34.88 dBm	-21.88 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71080 GHz	4.70 dBm	-25.30 dB

Date: 24.FEB.2020 16:15:45

Highest Band Edge / Full RB



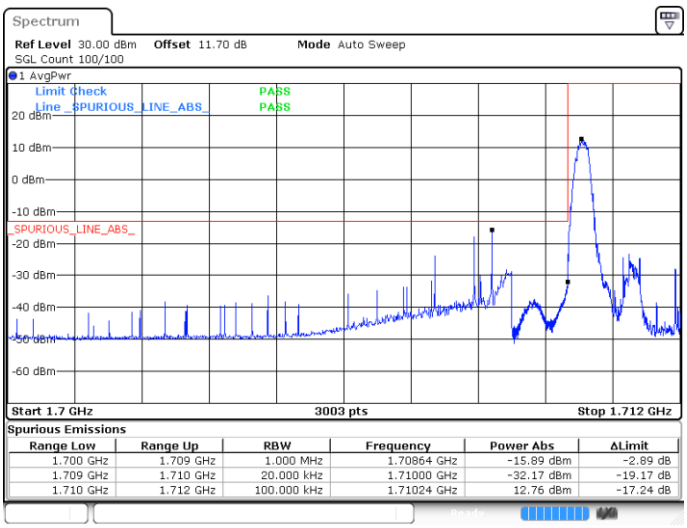
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75444 GHz	4.88 dBm	-25.12 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75501 GHz	-34.15 dBm	-21.15 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75627 GHz	-18.40 dBm	-5.40 dB

Date: 24.FEB.2020 16:30:25

LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

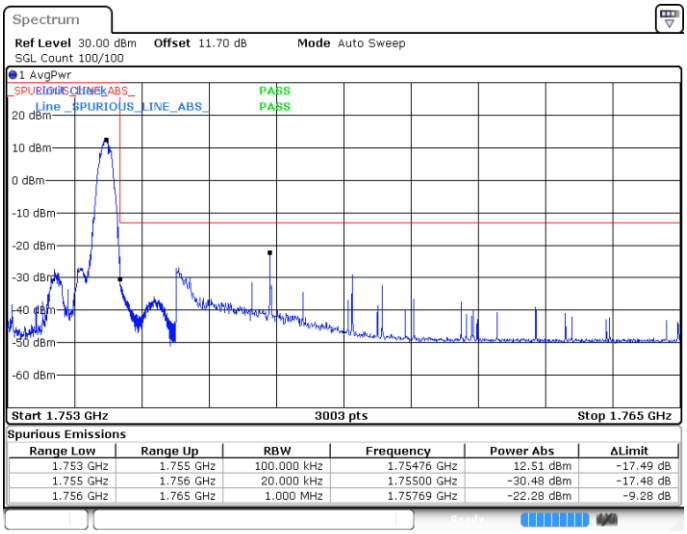


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70864 GHz	-15.89 dBm	-2.89 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-32.17 dBm	-19.17 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71024 GHz	12.76 dBm	-17.24 dB

Date: 24.FEB.2020 16:14:36

Highest Band Edge / 1 RB

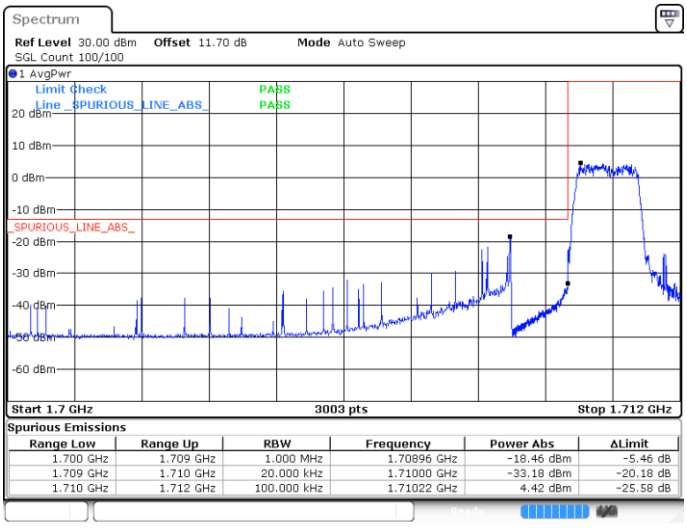


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75476 GHz	12.51 dBm	-17.49 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-30.48 dBm	-17.48 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75769 GHz	-22.28 dBm	-9.28 dB

Date: 24.FEB.2020 16:29:15

Lowest Band Edge / Full RB

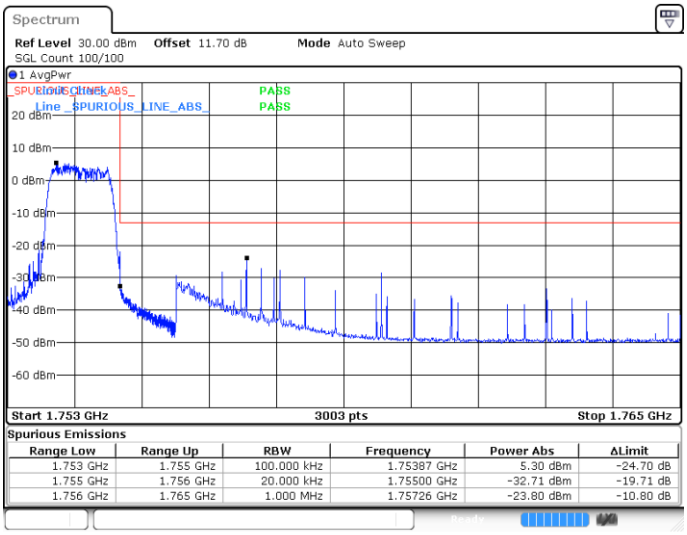


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70896 GHz	-18.46 dBm	-5.46 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-33.18 dBm	-20.18 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71022 GHz	4.42 dBm	-25.58 dB

Date: 24.FEB.2020 16:16:55

Highest Band Edge / Full RB



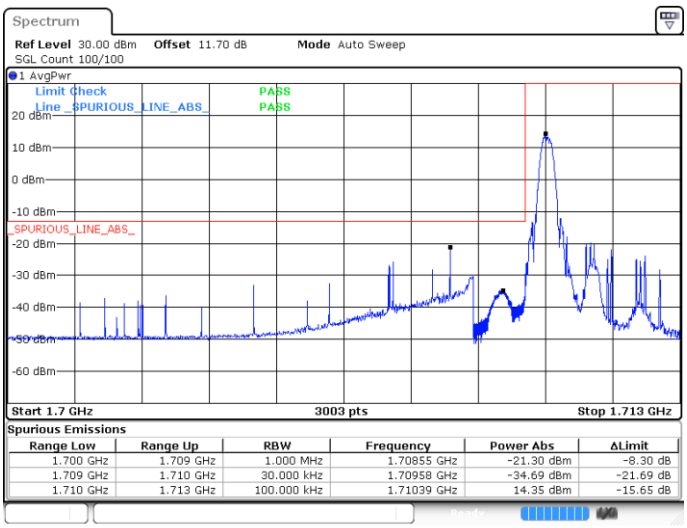
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75387 GHz	5.30 dBm	-24.70 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-32.71 dBm	-19.71 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75726 GHz	-23.80 dBm	-10.80 dB

Date: 24.FEB.2020 16:36:48

LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB

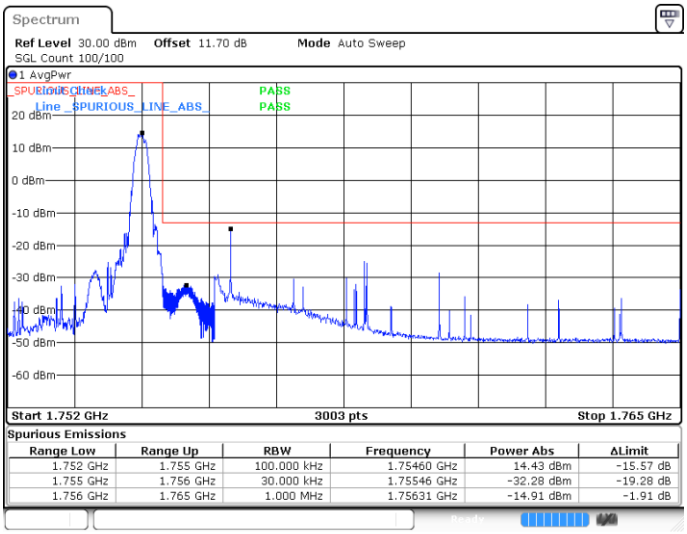


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70855 GHz	-21.30 dBm	-8.30 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.70958 GHz	-34.69 dBm	-21.69 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71039 GHz	14.35 dBm	-15.65 dB

Date: 24.FEB.2020 10:43:42

Highest Band Edge / 1 RB

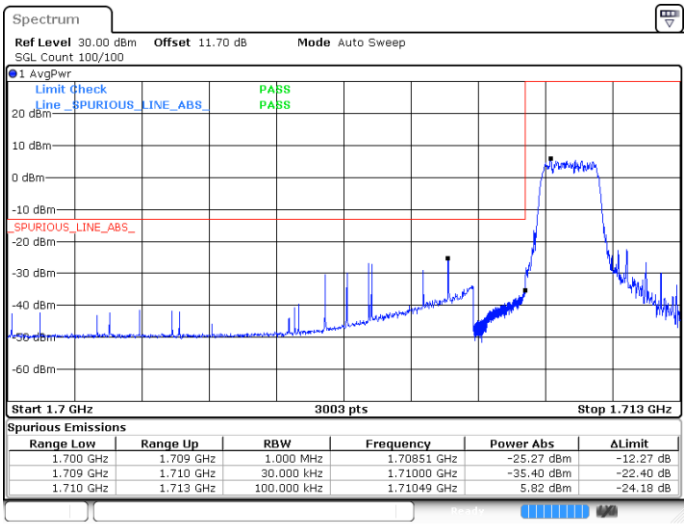


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75460 GHz	14.43 dBm	-15.57 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75546 GHz	-32.28 dBm	-19.28 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75631 GHz	-14.91 dBm	-1.91 dB

Date: 24.FEB.2020 11:10:53

Lowest Band Edge / Full RB

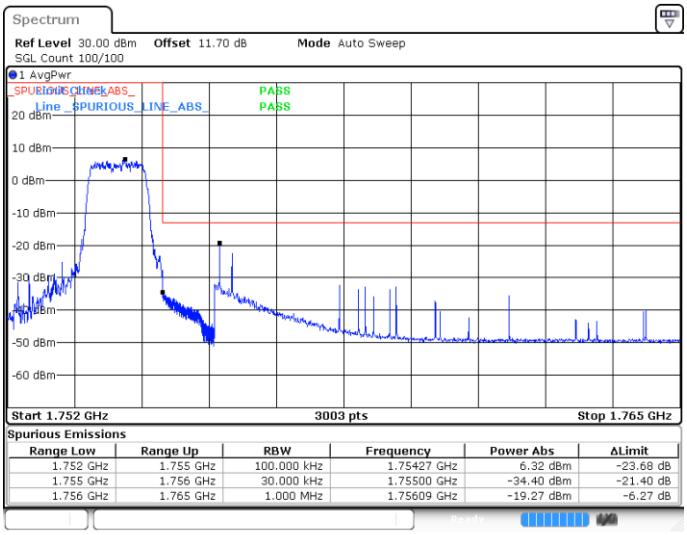


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70851 GHz	-25.27 dBm	-12.27 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-35.40 dBm	-22.40 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71049 GHz	5.82 dBm	-24.18 dB

Date: 24.FEB.2020 10:45:56

Highest Band Edge / Full RB



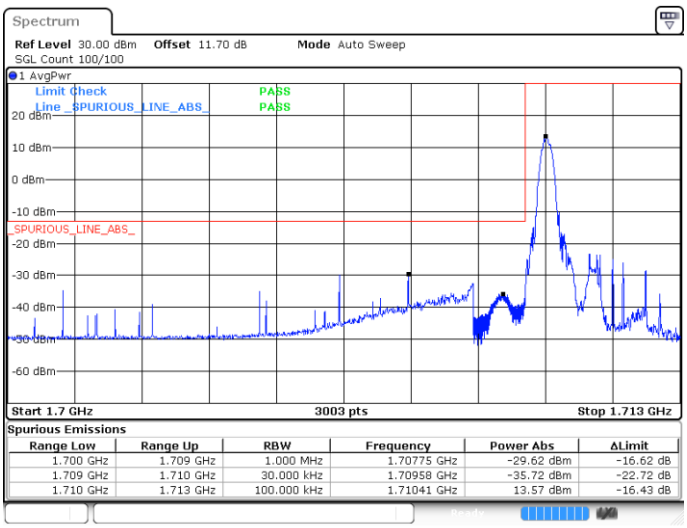
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75427 GHz	6.32 dBm	-23.68 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-34.40 dBm	-21.40 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75609 GHz	-19.27 dBm	-6.27 dB

Date: 24.FEB.2020 11:13:07

LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

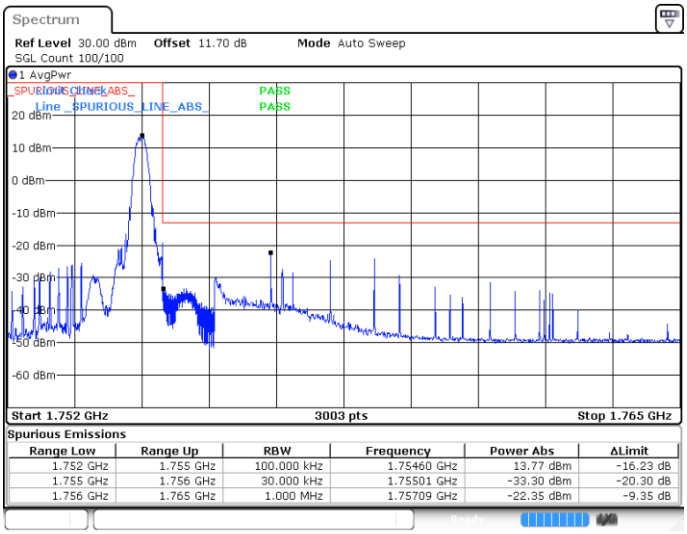


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70775 GHz	-29.62 dBm	-16.62 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.70958 GHz	-35.72 dBm	-22.72 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71041 GHz	13.57 dBm	-16.43 dB

Date: 24.FEB.2020 10:44:49

Highest Band Edge /1 RB

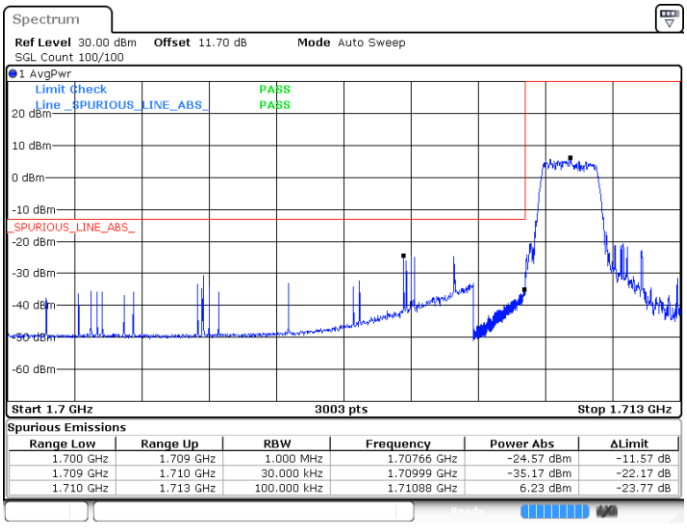


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75460 GHz	13.77 dBm	-16.23 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75501 GHz	-33.30 dBm	-20.30 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75709 GHz	-22.35 dBm	-9.35 dB

Date: 24.FEB.2020 11:12:00

Lowest Band Edge / Full RB

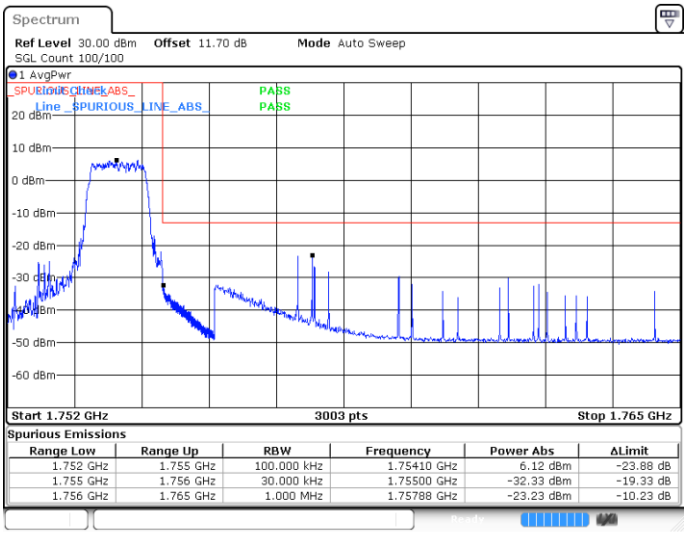


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70766 GHz	-24.57 dBm	-11.57 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.70999 GHz	-35.17 dBm	-22.17 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71088 GHz	6.23 dBm	-23.77 dB

Date: 24.FEB.2020 10:47:03

Highest Band Edge / Full RB



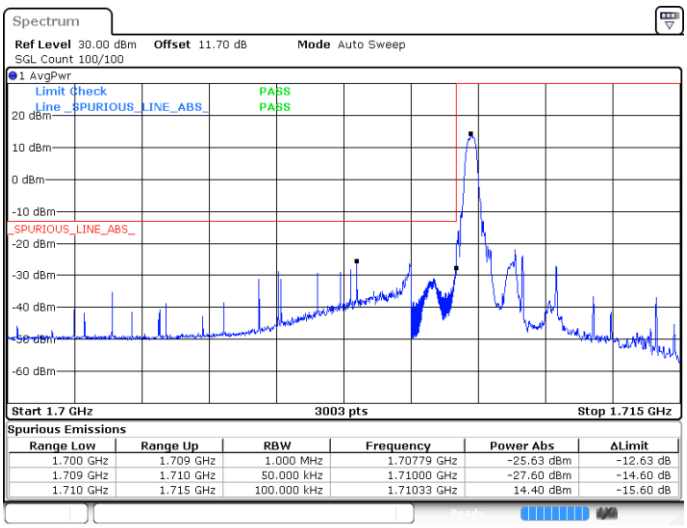
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75410 GHz	6.12 dBm	-23.88 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-32.33 dBm	-19.33 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75788 GHz	-23.23 dBm	-10.23 dB

Date: 24.FEB.2020 11:14:14

LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB

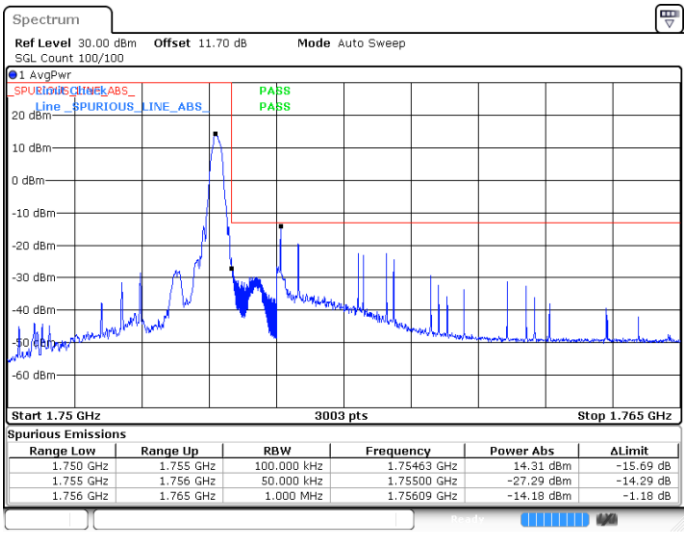


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70779 GHz	-25.63 dBm	-12.63 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-27.60 dBm	-14.60 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71033 GHz	14.40 dBm	-15.60 dB

Date: 24.FEB.2020 11:32:41

Highest Band Edge / 1 RB

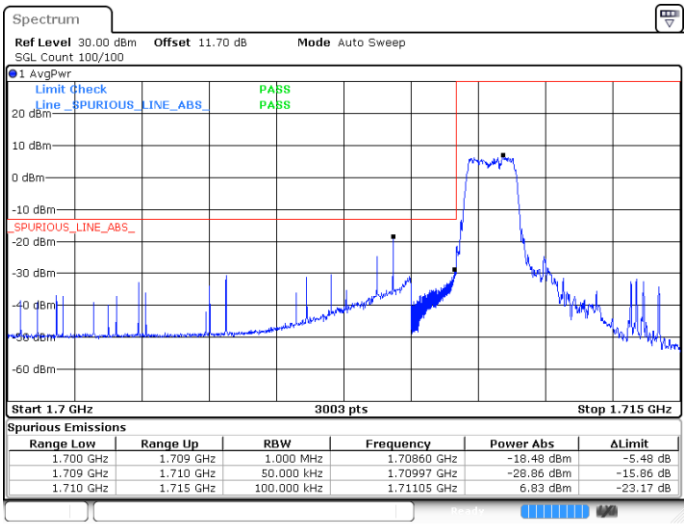


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75463 GHz	14.31 dBm	-15.69 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-27.29 dBm	-14.29 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75609 GHz	-14.18 dBm	-1.18 dB

Date: 24.FEB.2020 11:40:17

Lowest Band Edge / Full RB

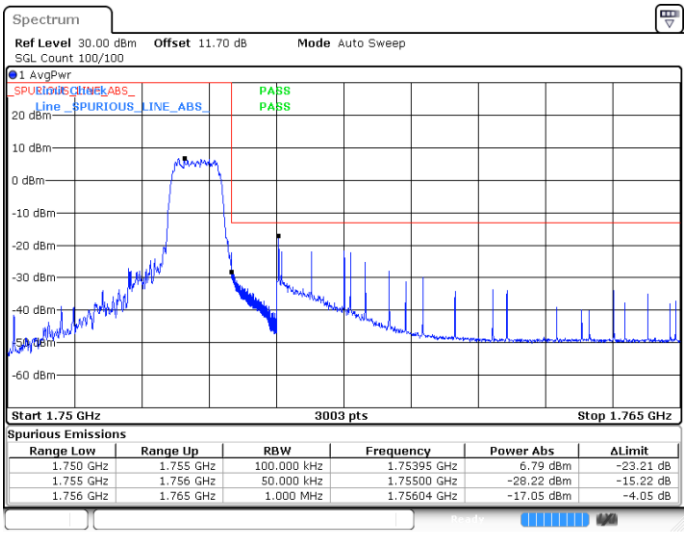


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70860 GHz	-18.48 dBm	-5.48 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.70997 GHz	-28.86 dBm	-15.86 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71105 GHz	6.83 dBm	-23.17 dB

Date: 24.FEB.2020 11:34:54

Highest Band Edge / Full RB



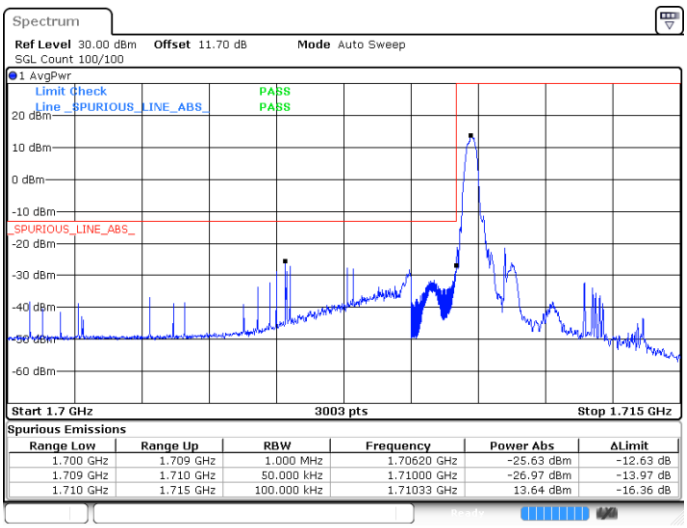
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75395 GHz	6.79 dBm	-23.21 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-28.22 dBm	-15.22 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75604 GHz	-17.05 dBm	-4.05 dB

Date: 24.FEB.2020 11:42:30

LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB

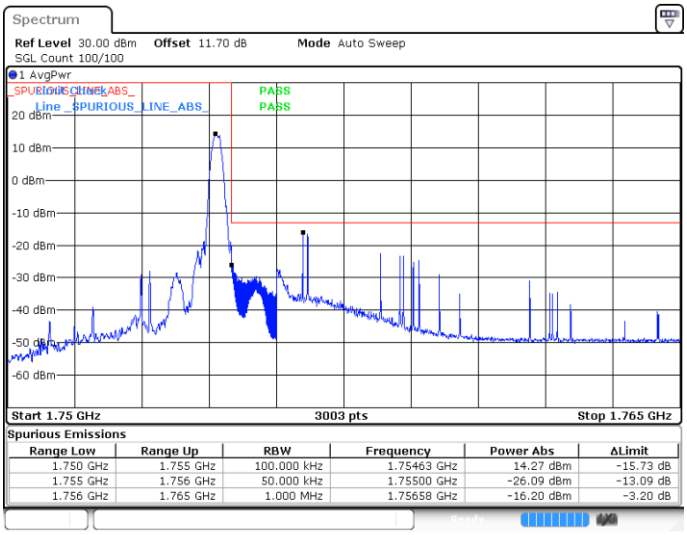


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70620 GHz	-25.63 dBm	-12.63 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-26.97 dBm	-13.97 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71033 GHz	13.64 dBm	-16.36 dB

Date: 24.FEB.2020 11:33:48

Highest Band Edge / 1 RB

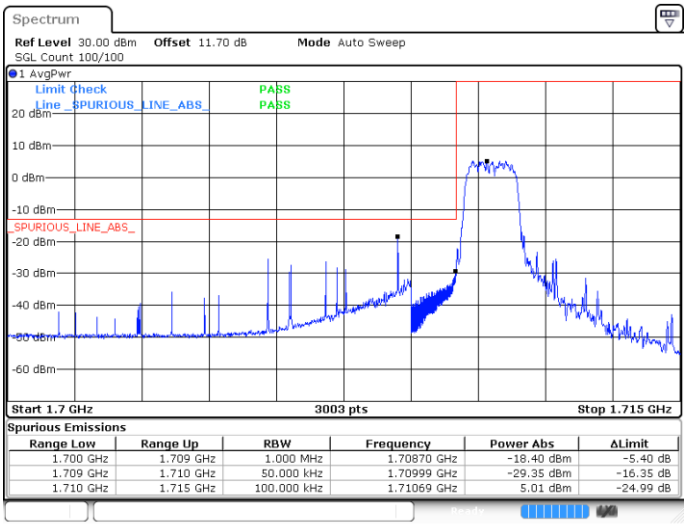


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75463 GHz	14.27 dBm	-15.73 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-26.09 dBm	-13.09 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75658 GHz	-16.20 dBm	-3.20 dB

Date: 24.FEB.2020 11:41:23

Lowest Band Edge / Full RB

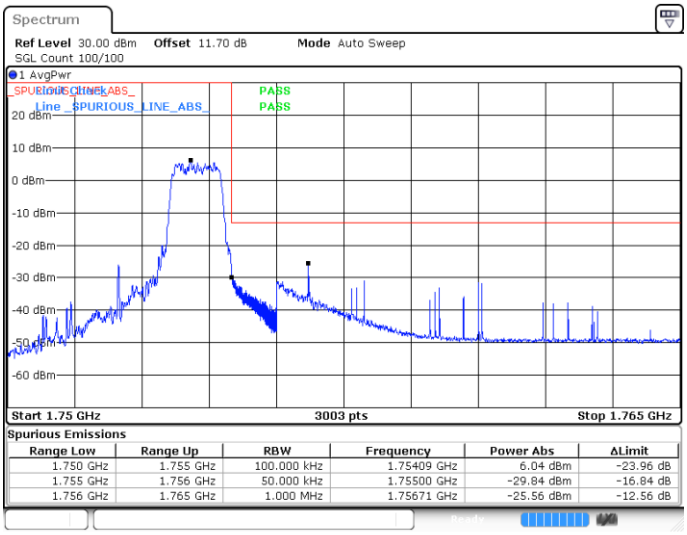


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70870 GHz	-18.40 dBm	-5.40 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.70999 GHz	-29.35 dBm	-16.35 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71069 GHz	5.01 dBm	-24.99 dB

Date: 24.FEB.2020 11:36:01

Highest Band Edge / Full RB



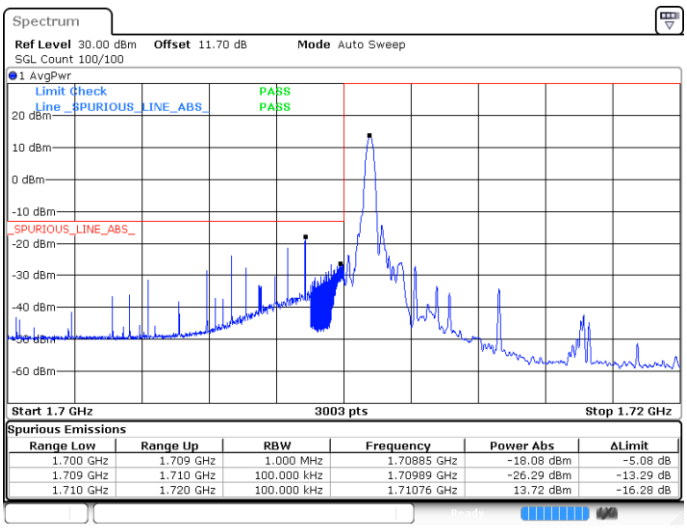
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75409 GHz	6.04 dBm	-23.96 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-29.84 dBm	-16.84 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75671 GHz	-25.56 dBm	-12.56 dB

Date: 24.FEB.2020 11:43:37

LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / 1 RB

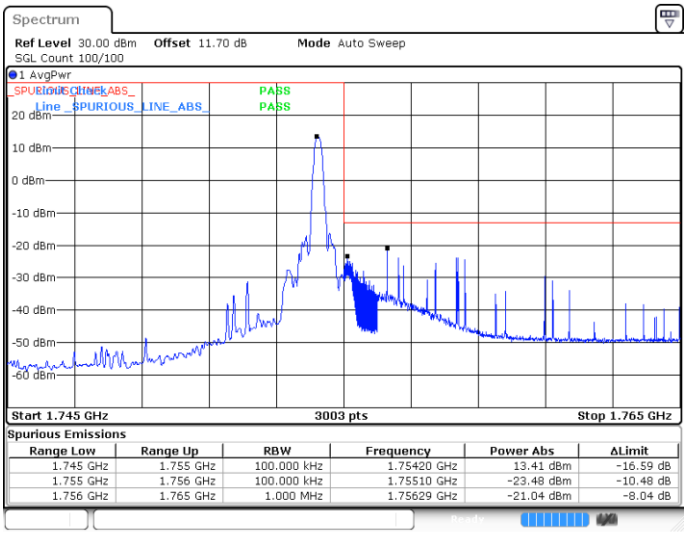


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70885 GHz	-18.08 dBm	-5.08 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70989 GHz	-26.29 dBm	-13.29 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71076 GHz	13.72 dBm	-16.28 dB

Date: 24.FEB.2020 11:59:05

Highest Band Edge / 1 RB

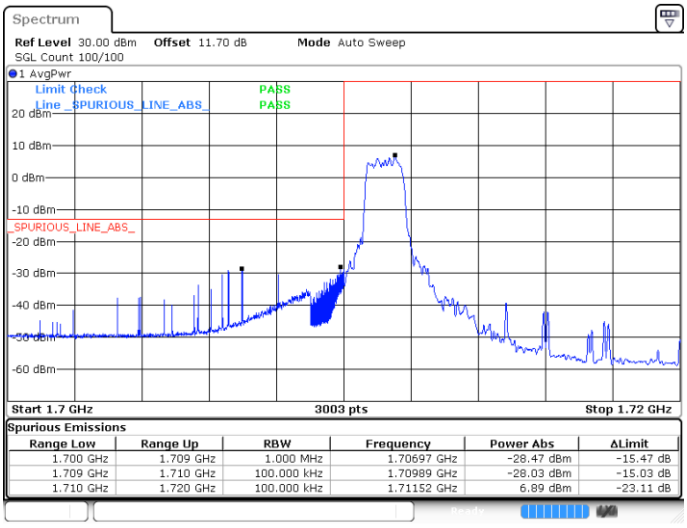


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75420 GHz	13.41 dBm	-16.59 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75510 GHz	-23.48 dBm	-10.48 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75629 GHz	-21.04 dBm	-8.04 dB

Date: 24.FEB.2020 13:51:00

Lowest Band Edge / Full RB

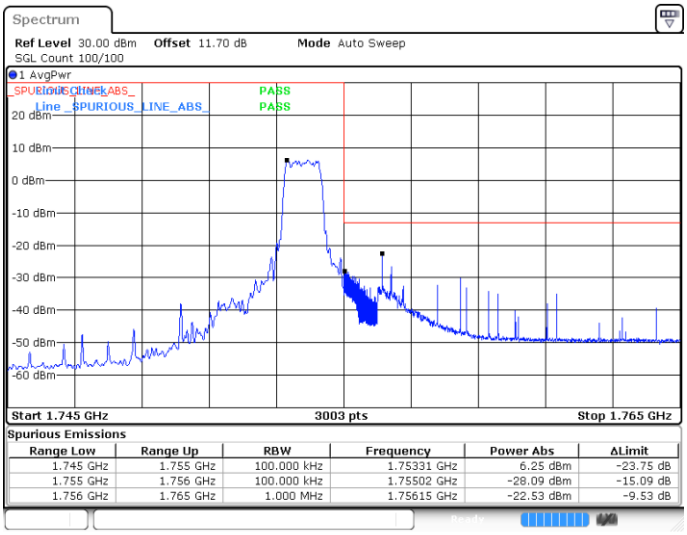


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70697 GHz	-28.47 dBm	-15.47 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70989 GHz	-28.03 dBm	-15.03 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71152 GHz	6.89 dBm	-23.11 dB

Date: 24.FEB.2020 12:01:18

Highest Band Edge / Full RB



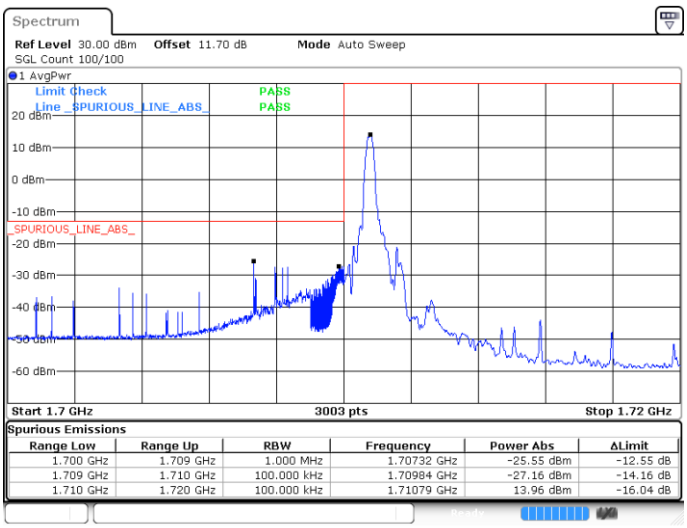
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75331 GHz	6.25 dBm	-23.75 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75502 GHz	-28.09 dBm	-15.09 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75615 GHz	-22.53 dBm	-9.53 dB

Date: 24.FEB.2020 13:53:14

LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

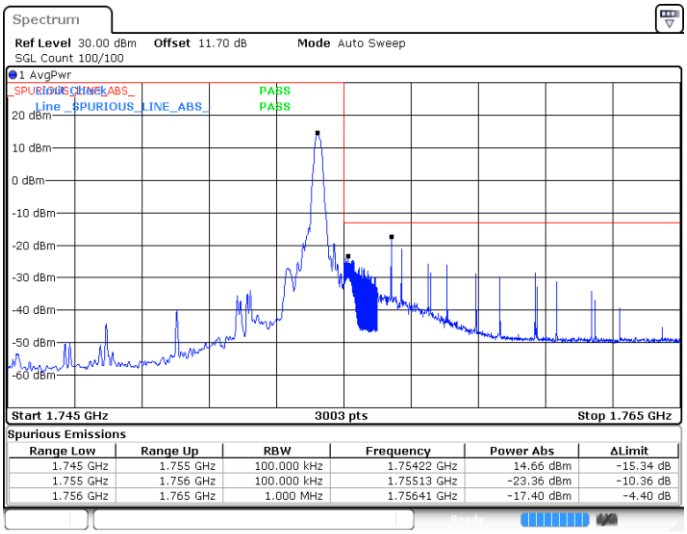


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70732 GHz	-25.55 dBm	-12.55 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70984 GHz	-27.16 dBm	-14.16 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71079 GHz	13.96 dBm	-16.04 dB

Date: 24.FEB.2020 12:00:11

Highest Band Edge / 1 RB

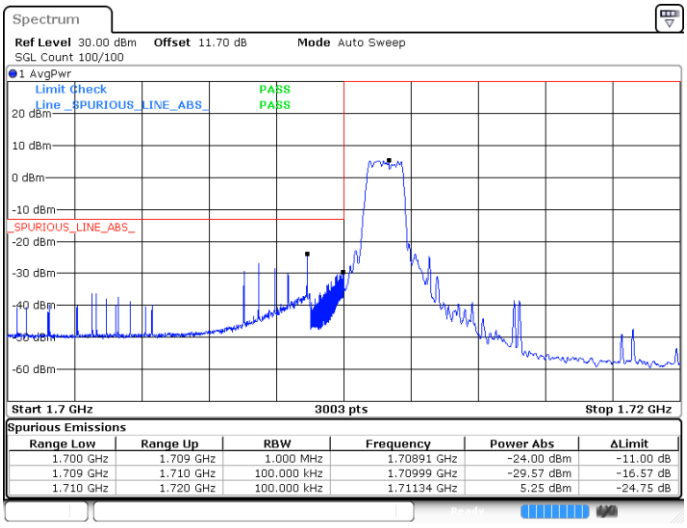


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75422 GHz	14.66 dBm	-15.34 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75513 GHz	-23.36 dBm	-10.36 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75641 GHz	-17.40 dBm	-4.40 dB

Date: 24.FEB.2020 13:52:07

Lowest Band Edge / Full RB

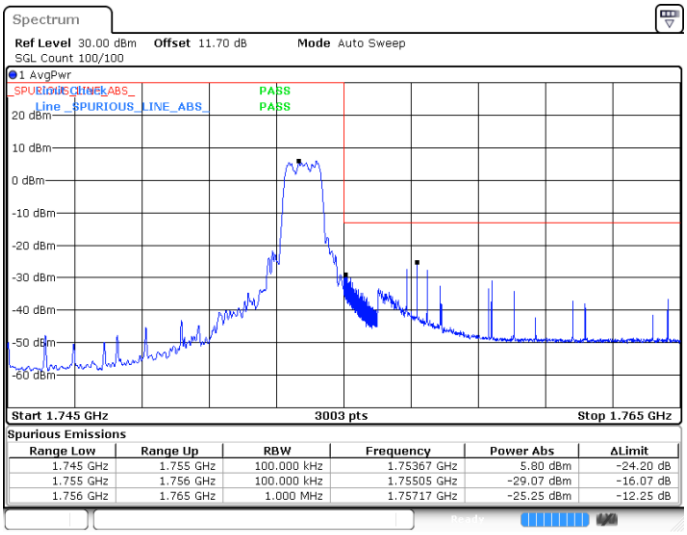


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-24.00 dBm	-11.00 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70999 GHz	-29.57 dBm	-16.57 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71134 GHz	5.25 dBm	-24.75 dB

Date: 24.FEB.2020 12:02:25

Highest Band Edge / Full RB



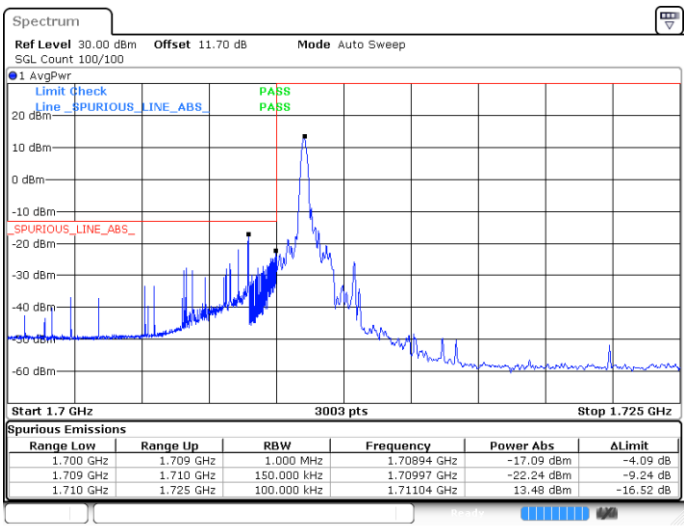
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75367 GHz	5.80 dBm	-24.20 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75505 GHz	-29.07 dBm	-16.07 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75717 GHz	-25.25 dBm	-12.25 dB

Date: 24.FEB.2020 13:54:21

LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / 1 RB

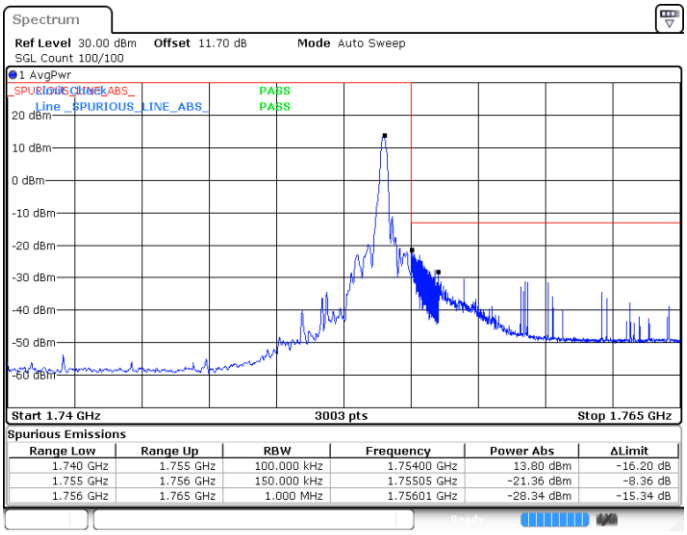


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70894 GHz	-17.09 dBm	-4.09 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70997 GHz	-22.24 dBm	-9.24 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71104 GHz	13.48 dBm	-16.52 dB

Date: 24.FEB.2020 14:07:32

Highest Band Edge / 1 RB

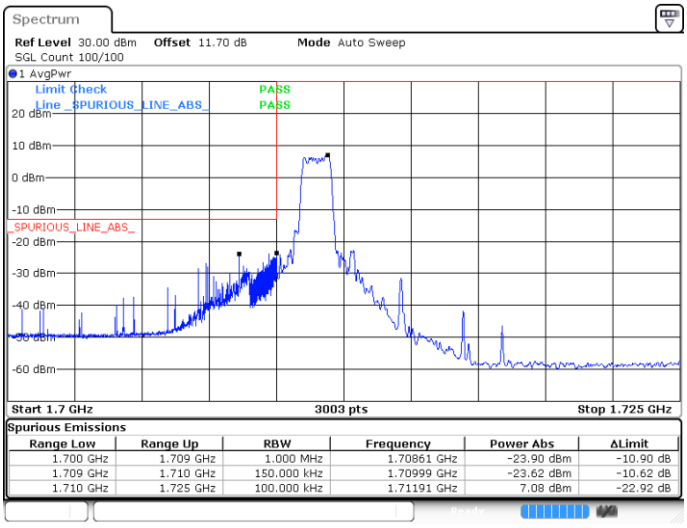


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.75400 GHz	13.80 dBm	-16.20 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75505 GHz	-21.36 dBm	-8.36 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75601 GHz	-28.34 dBm	-15.34 dB

Date: 24.FEB.2020 14:15:58

Lowest Band Edge / Full RB

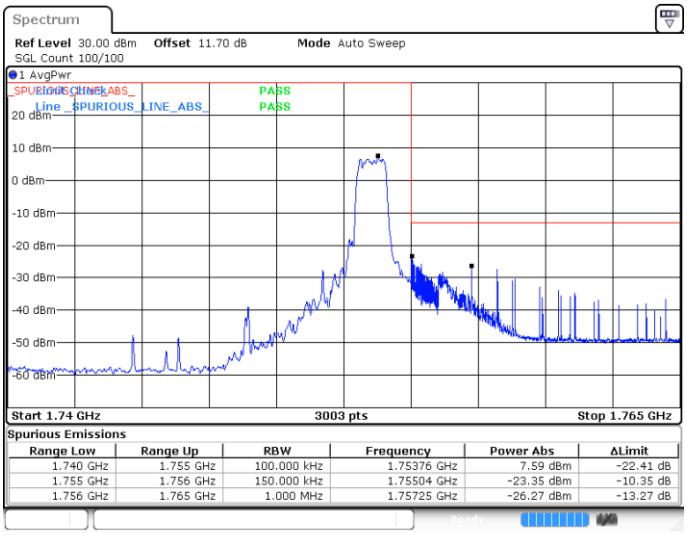


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70861 GHz	-23.90 dBm	-10.90 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70999 GHz	-23.62 dBm	-10.62 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71191 GHz	7.08 dBm	-22.92 dB

Date: 24.FEB.2020 14:09:06

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.75376 GHz	7.59 dBm	-22.41 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75504 GHz	-23.35 dBm	-10.35 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75725 GHz	-26.27 dBm	-13.27 dB

Date: 24.FEB.2020 14:17:31