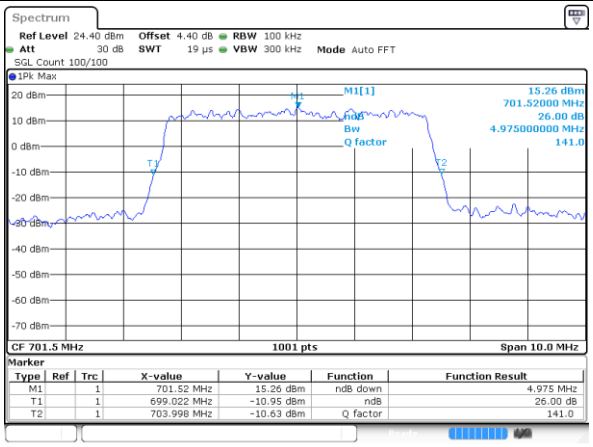
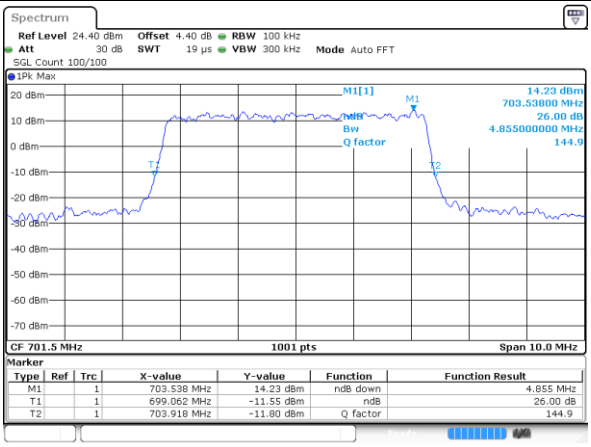
LTE Band 12

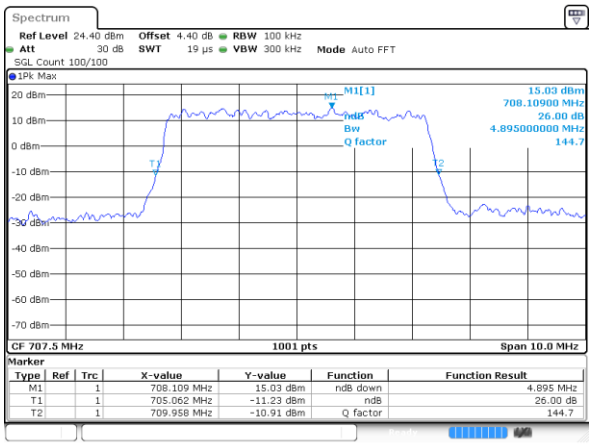
Lowest Channel / 5MHz / QPSK



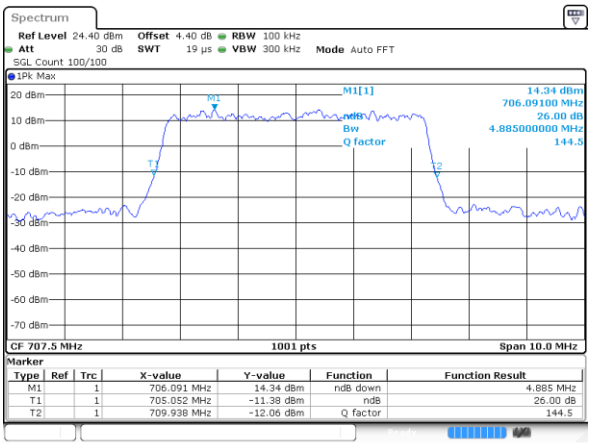
Lowest Channel / 5MHz / 16QAM



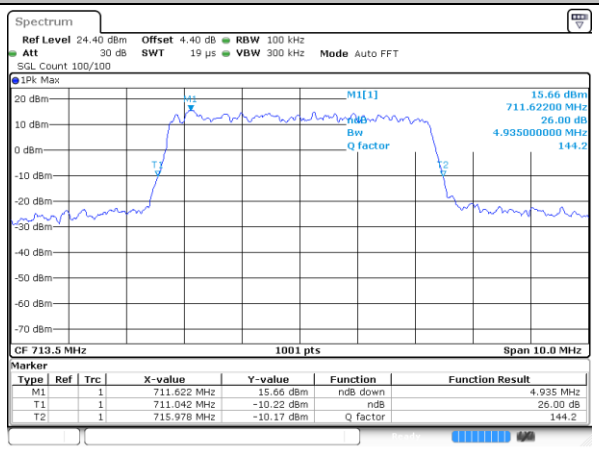
Middle Channel / 5MHz / QPSK



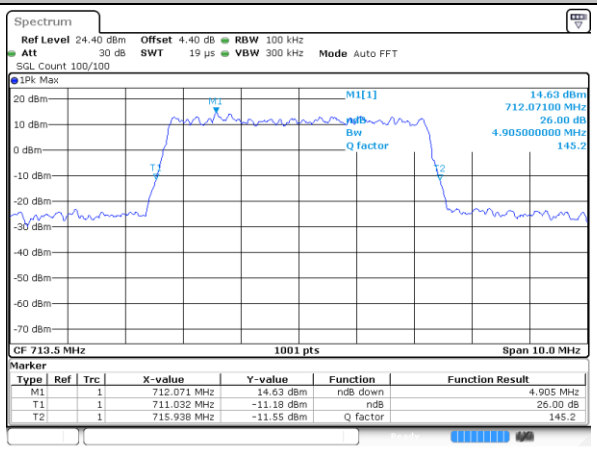
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

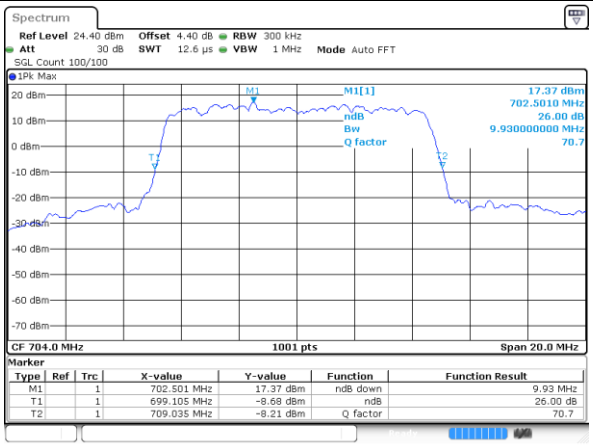


Highest Channel / 5MHz / 16QAM

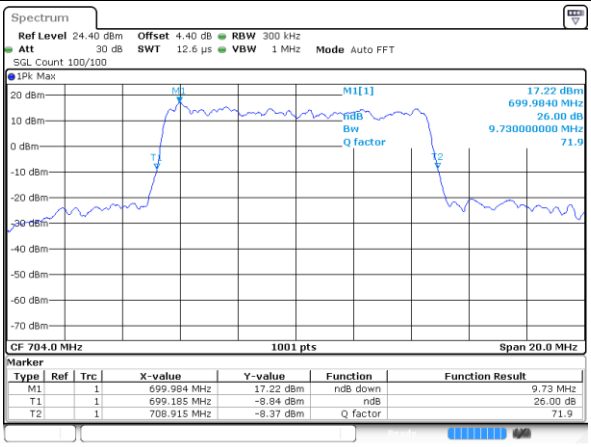


LTE Band 12

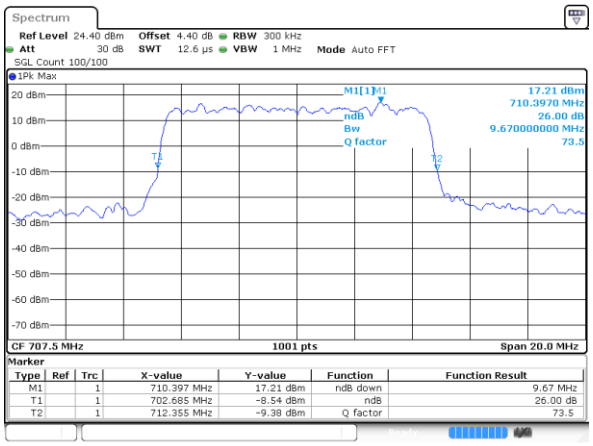
Lowest Channel / 10MHz / QPSK



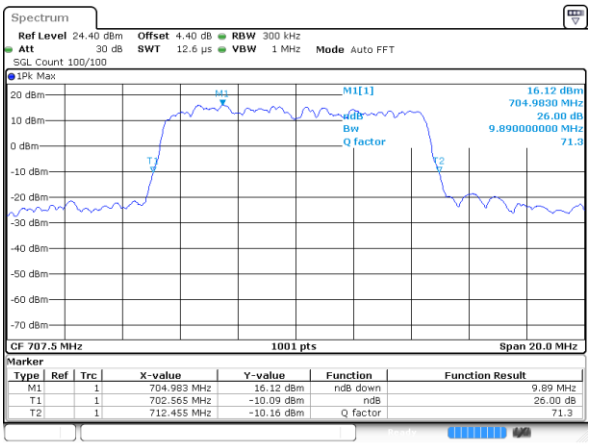
Lowest Channel / 10MHz / 16QAM



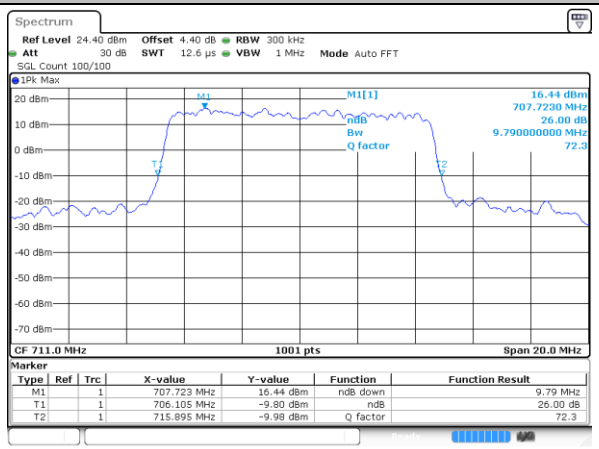
Middle Channel / 10MHz / QPSK



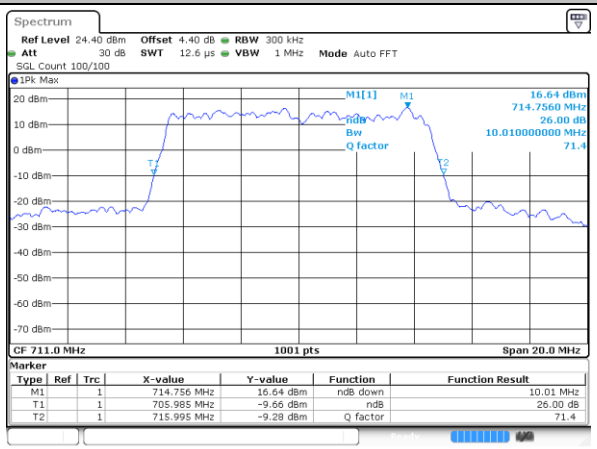
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

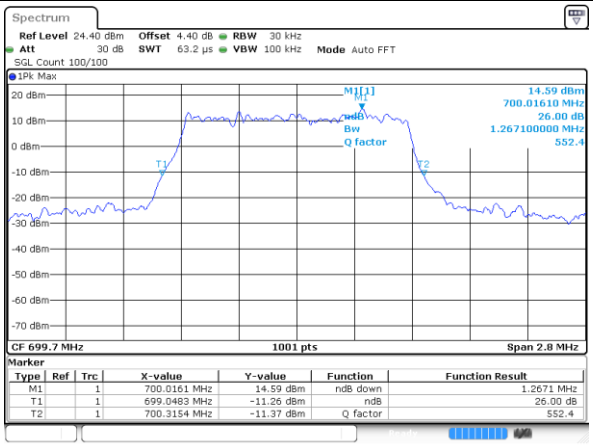


Highest Channel / 10MHz / 16QAM

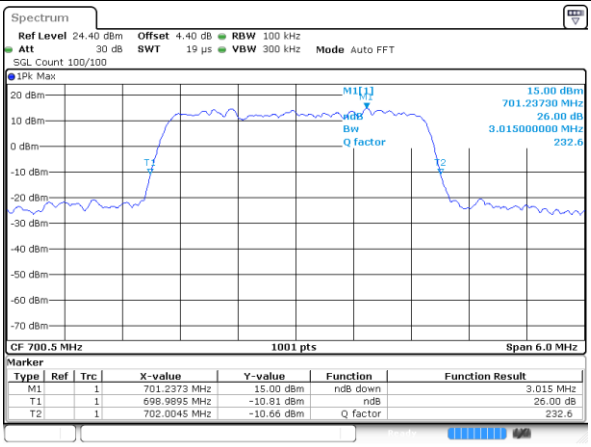


LTE Band 12

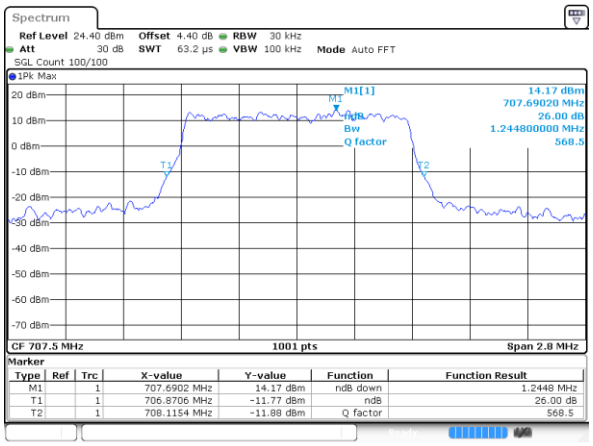
Lowest Channel / 1.4MHz / 64QAM



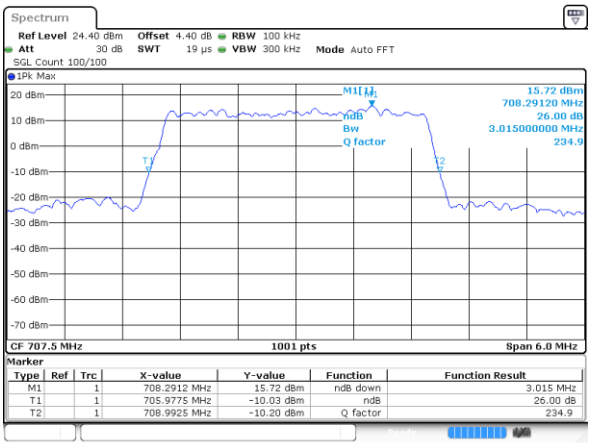
Lowest Channel / 3MHz / 64QAM



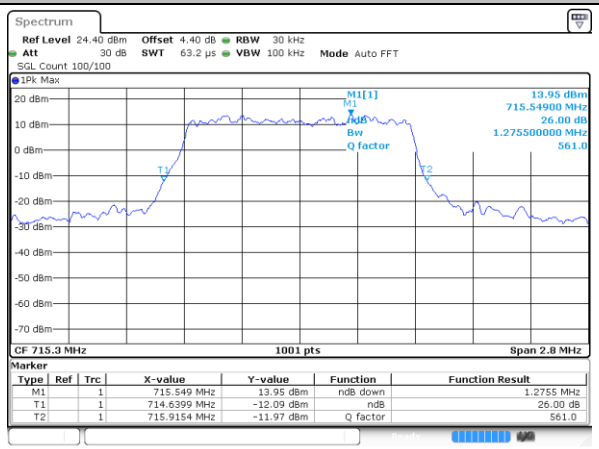
Middle Channel / 1.4MHz / 64QAM



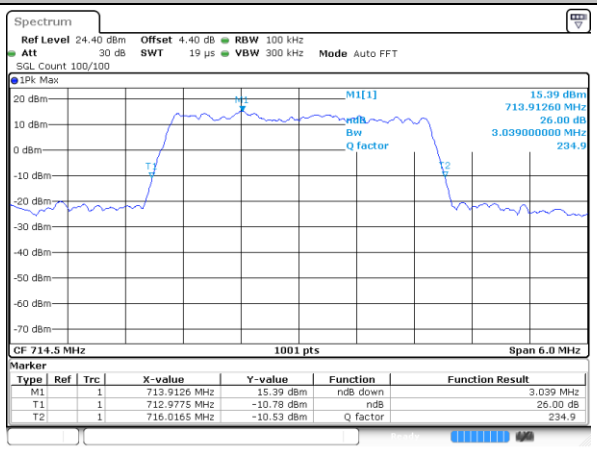
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

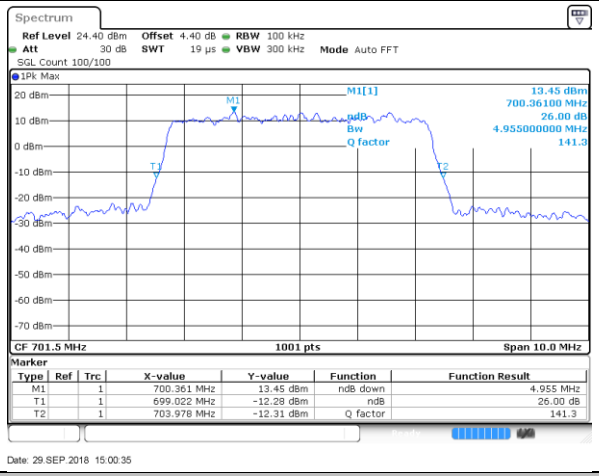


Highest Channel / 3MHz / 64QAM

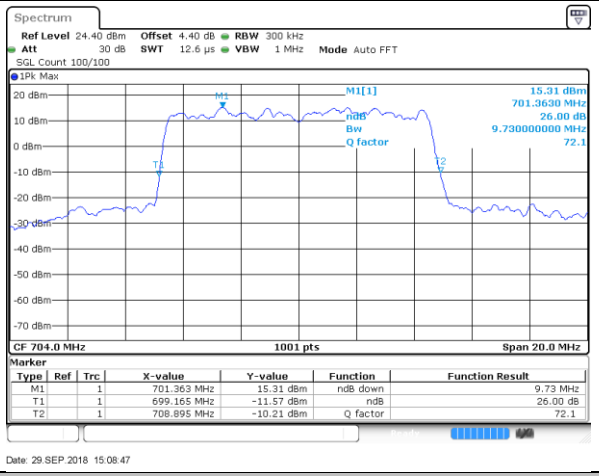


LTE Band 12

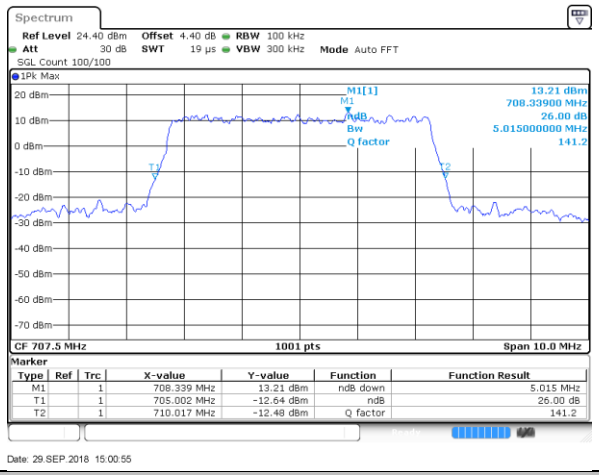
Lowest Channel / 5MHz / 64QAM



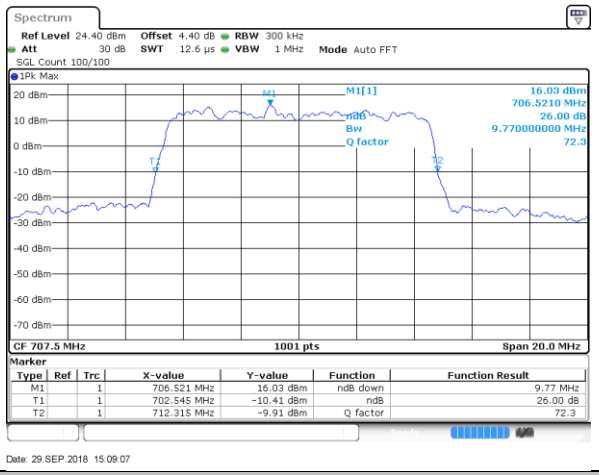
Lowest Channel / 10MHz / 64QAM



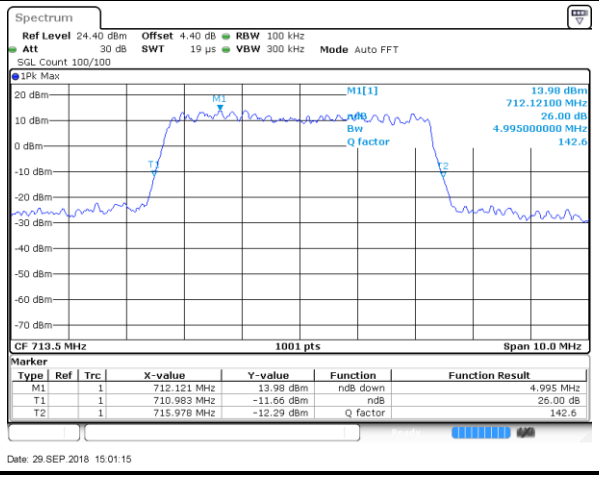
Middle Channel / 5MHz / 64QAM



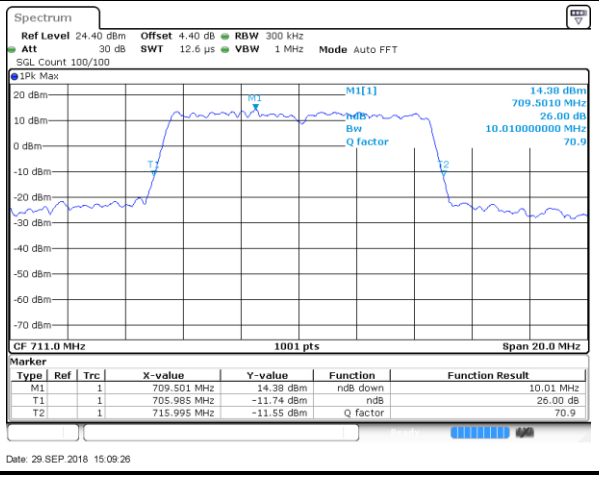
Middle Channel /10MHz / 64QAM



Highest Channel /5MHz / 64QAM



Highest Channel /10MHz / 64QAM

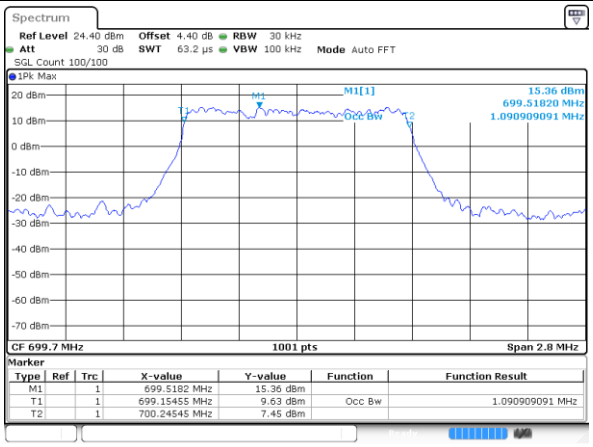


Occupied Bandwidth

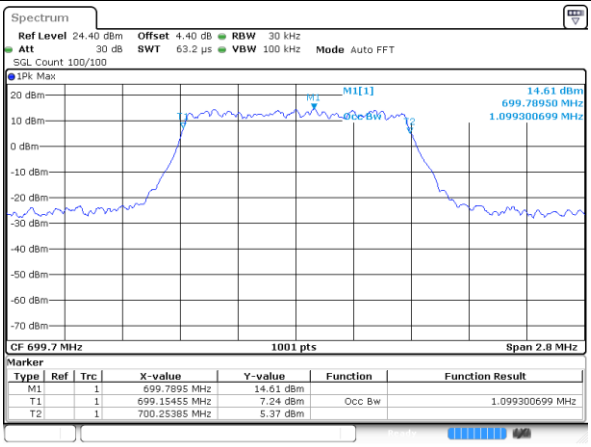
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.09	1.1	2.71	2.73	4.51	4.47	9.03	9.01	1.10	2.71	4.49	9.05
Middle CH	1.09	1.09	2.73	2.72	4.5	4.51	9.03	8.99	1.10	2.72	4.52	8.99
Highest CH	1.1	1.09	2.71	2.73	4.49	4.49	8.99	9.01	1.09	2.72	4.49	9.03

LTE Band 12

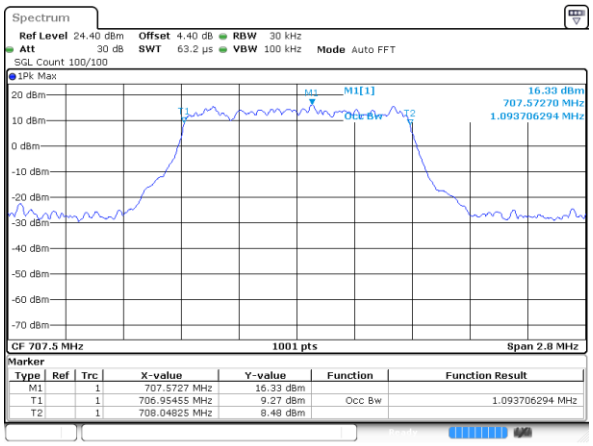
Lowest Channel / 1.4MHz / QPSK



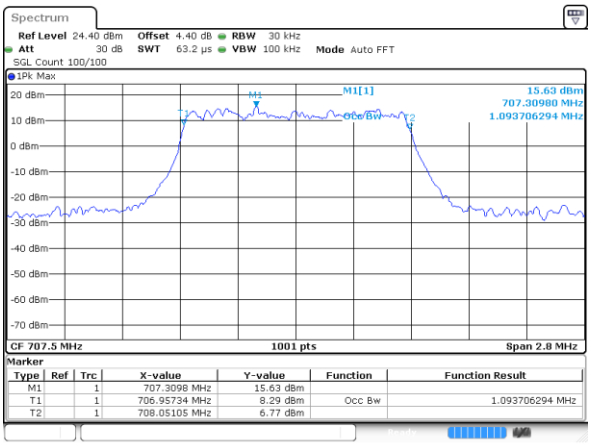
Lowest Channel / 1.4MHz / 16QAM



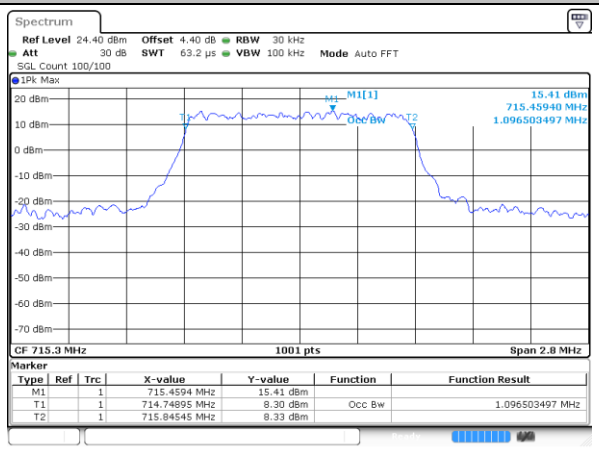
Middle Channel / 1.4MHz / QPSK



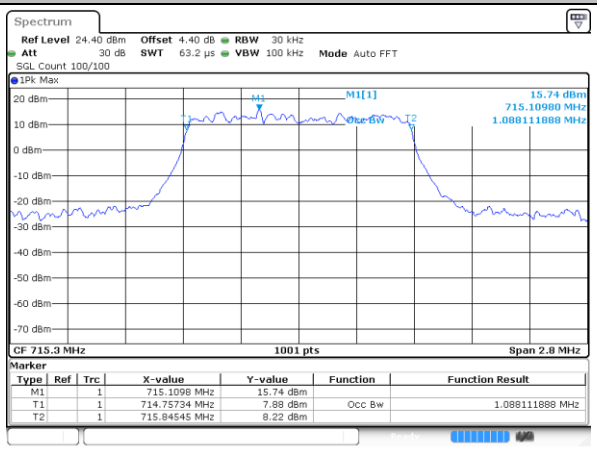
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

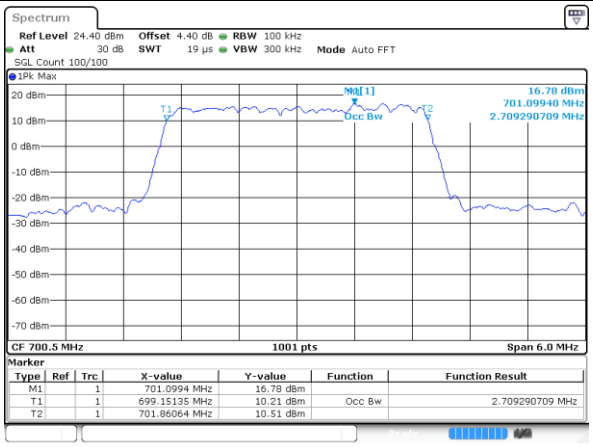


Highest Channel / 1.4MHz / 16QAM

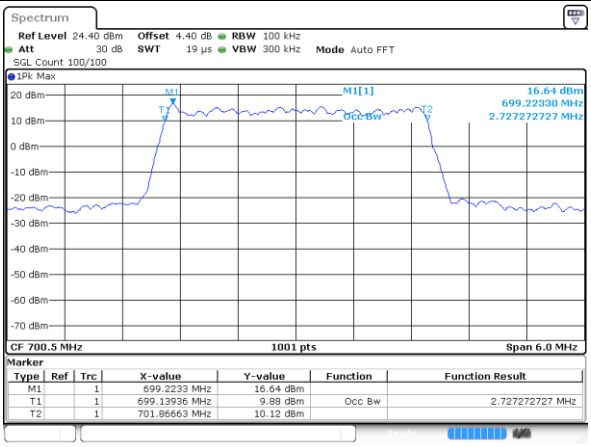


LTE Band 12

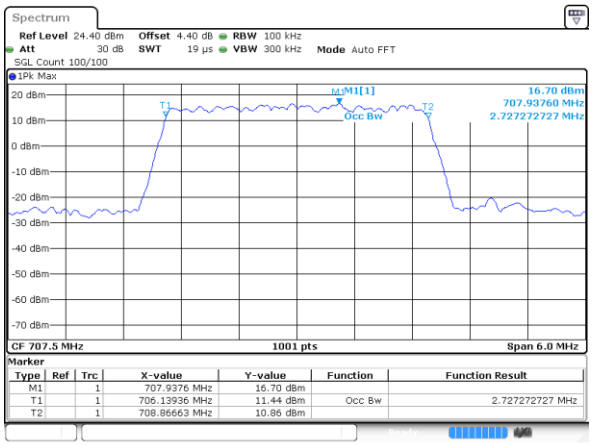
Lowest Channel / 3MHz / QPSK



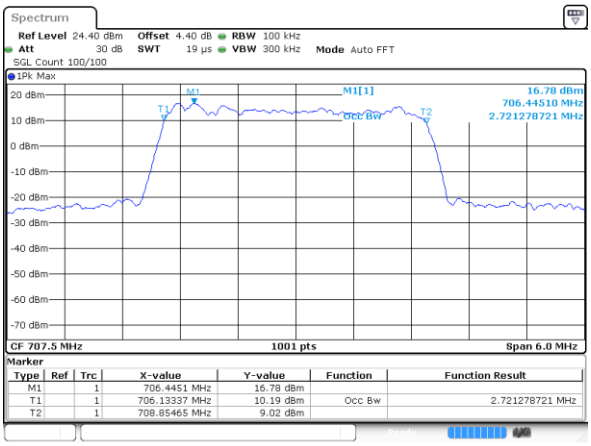
Lowest Channel / 3MHz / 16QAM



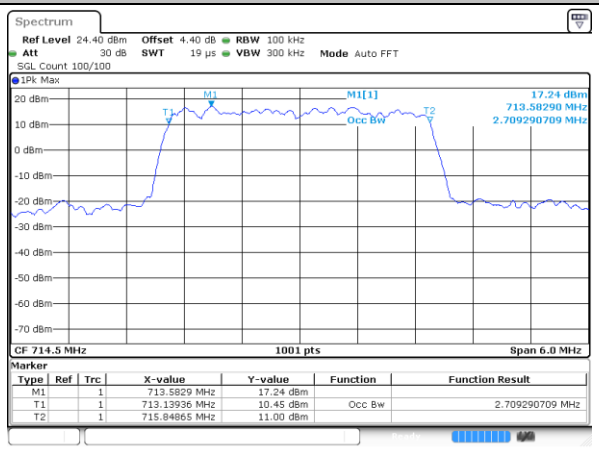
Middle Channel / 3MHz / QPSK



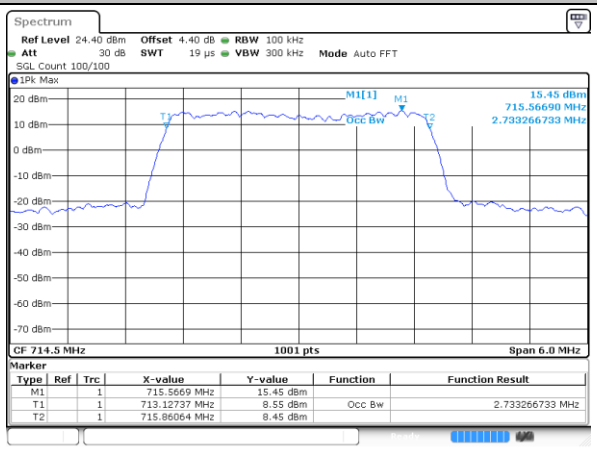
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

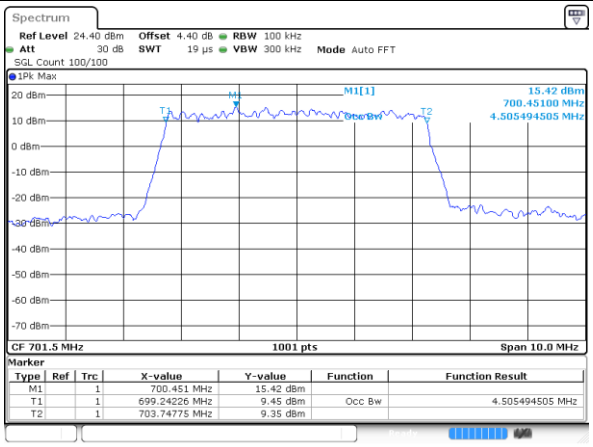


Highest Channel / 3MHz / 16QAM

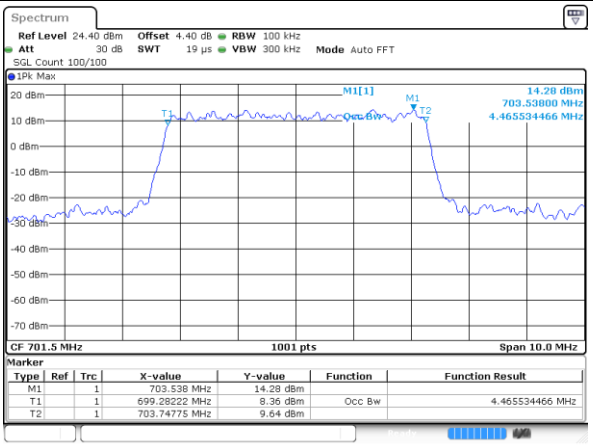


LTE Band 12

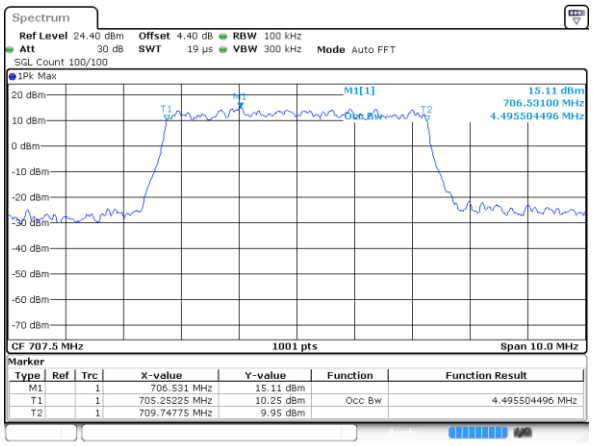
Lowest Channel / 5MHz / QPSK



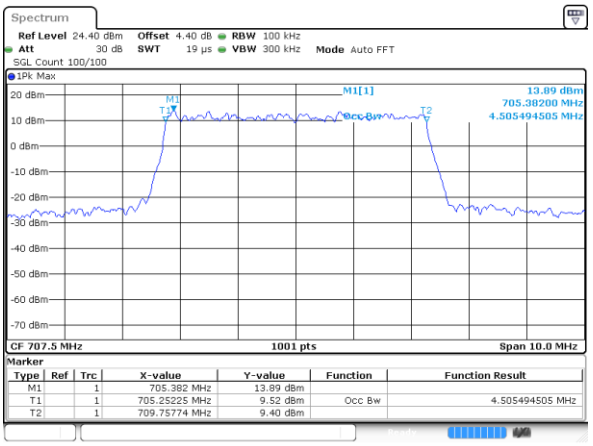
Lowest Channel / 5MHz / 16QAM



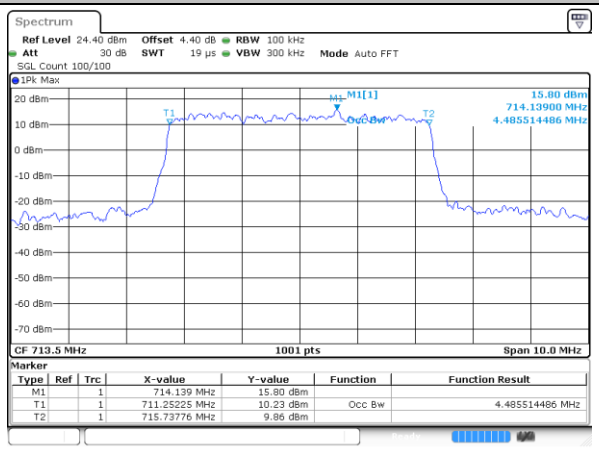
Middle Channel / 5MHz / QPSK



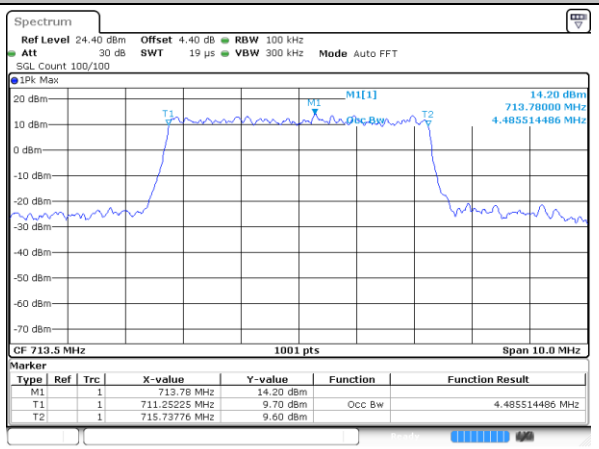
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

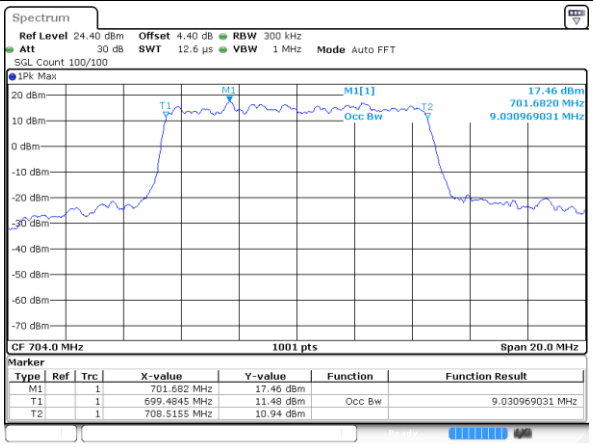


Highest Channel / 5MHz / 16QAM

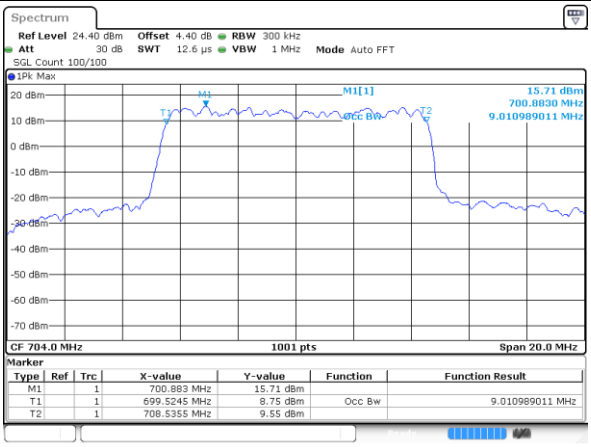


LTE Band 12

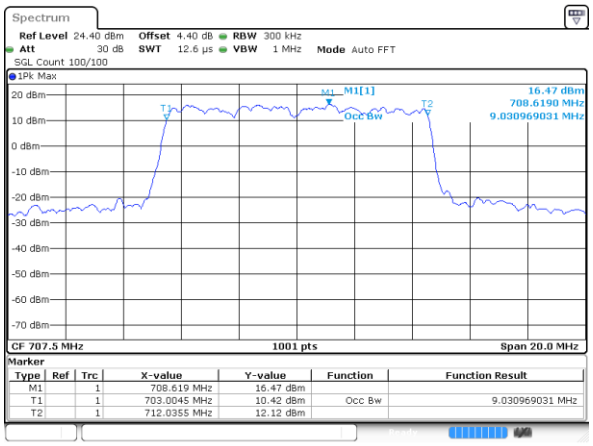
Lowest Channel / 10MHz / QPSK



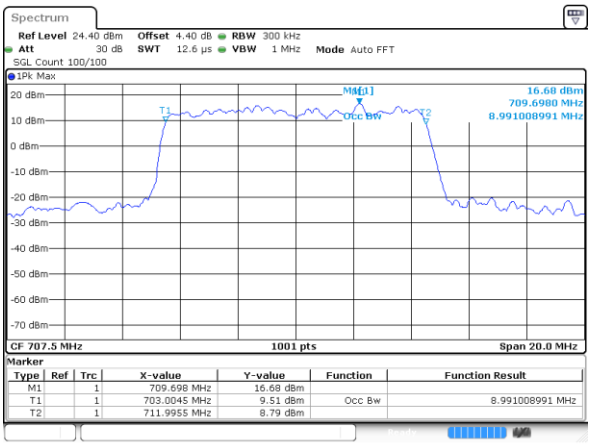
Lowest Channel / 10MHz / 16QAM



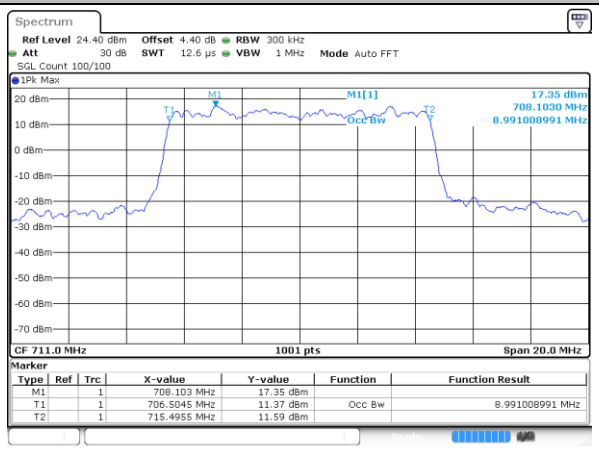
Middle Channel / 10MHz / QPSK



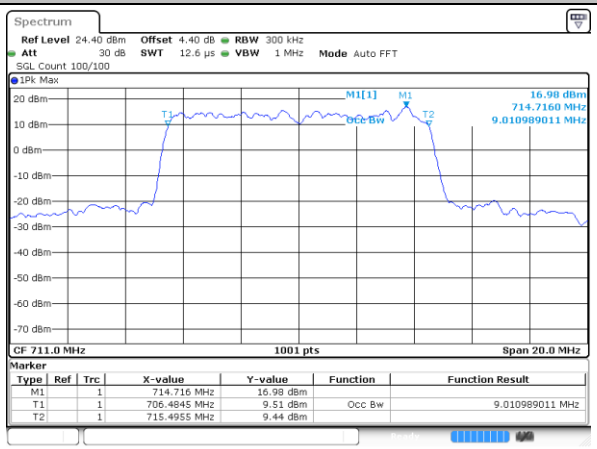
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

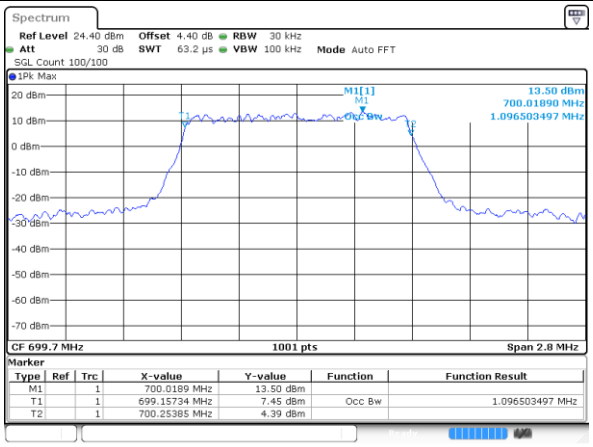


Highest Channel / 10MHz / 16QAM

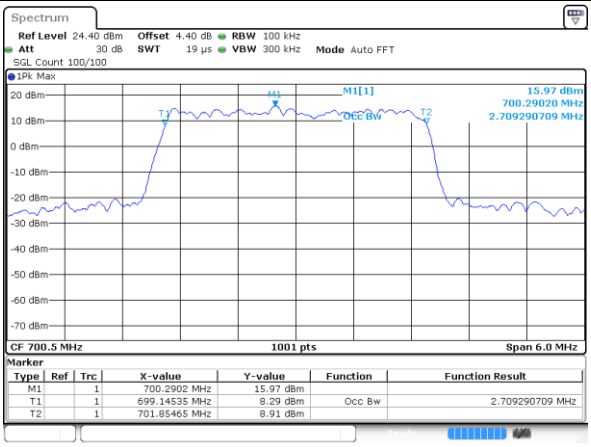


LTE Band 12

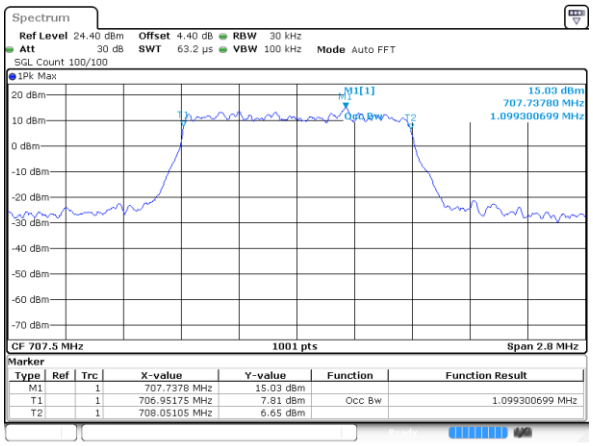
Lowest Channel / 1.4MHz / 64QAM



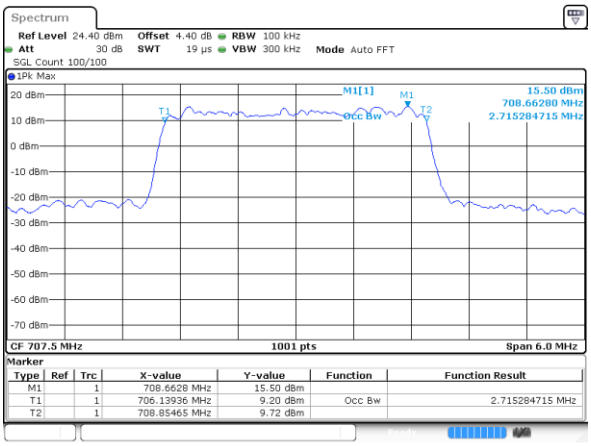
Lowest Channel / 3MHz / 64QAM



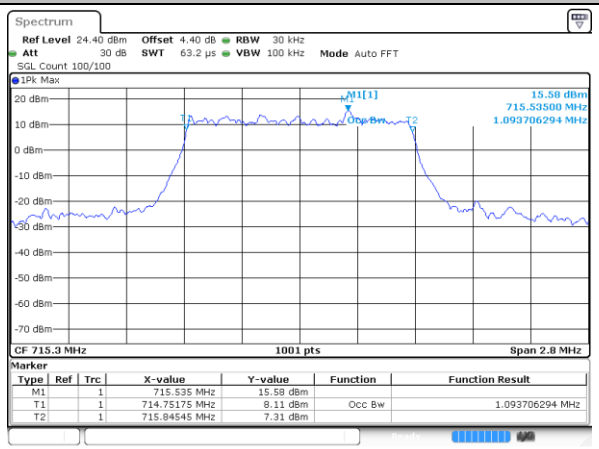
Middle Channel / 1.4MHz / 64QAM



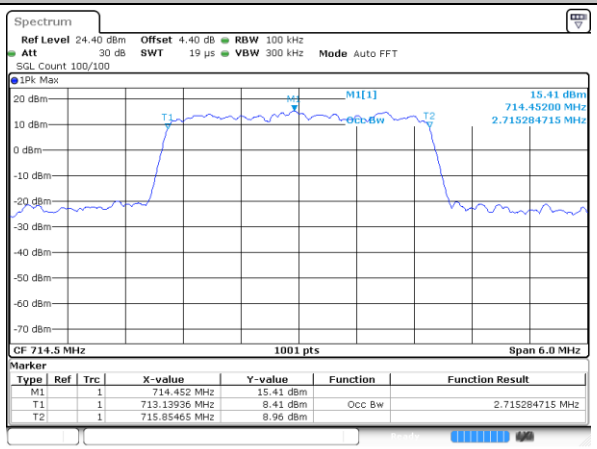
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

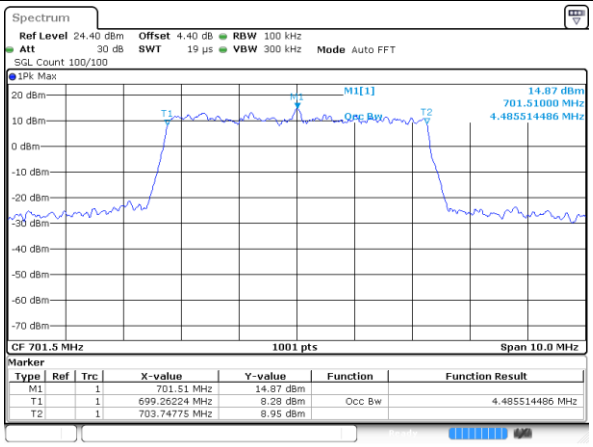


Highest Channel / 3MHz / 64QAM

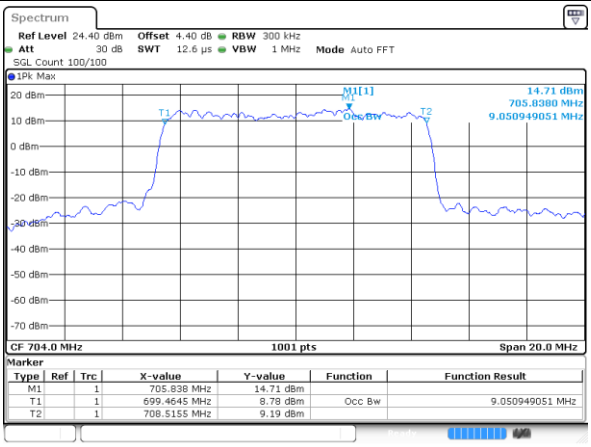


LTE Band 12

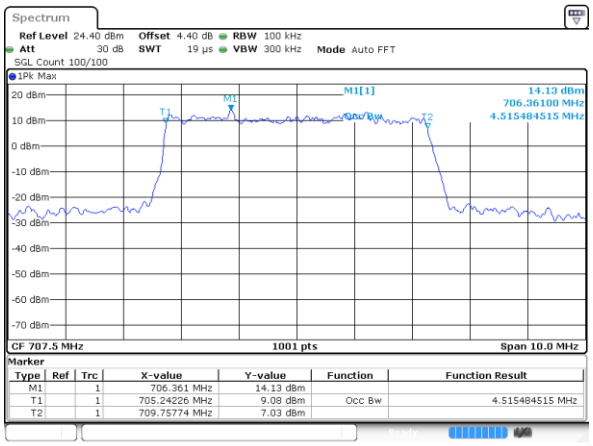
Lowest Channel / 5MHz / 64QAM



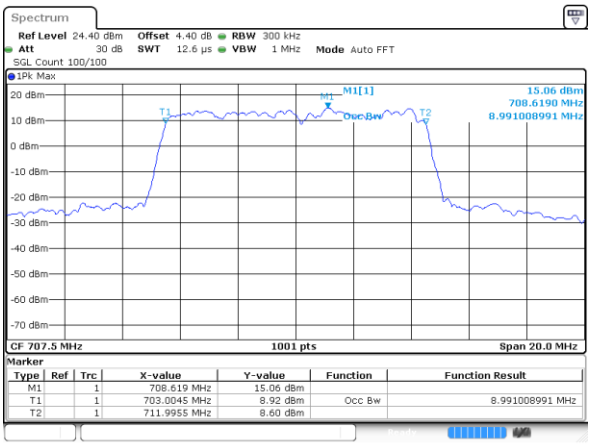
Lowest Channel / 10MHz / 64QAM



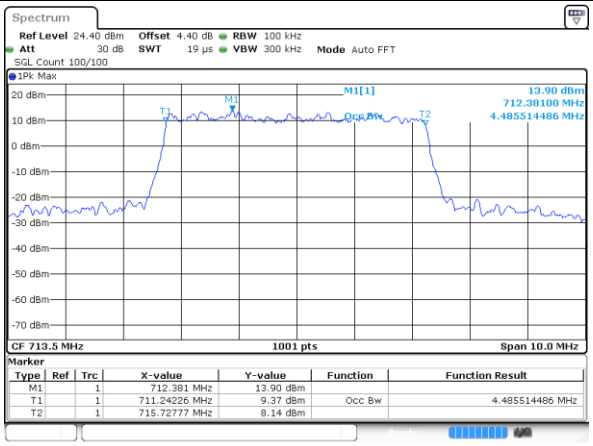
Middle Channel / 5MHz / 64QAM



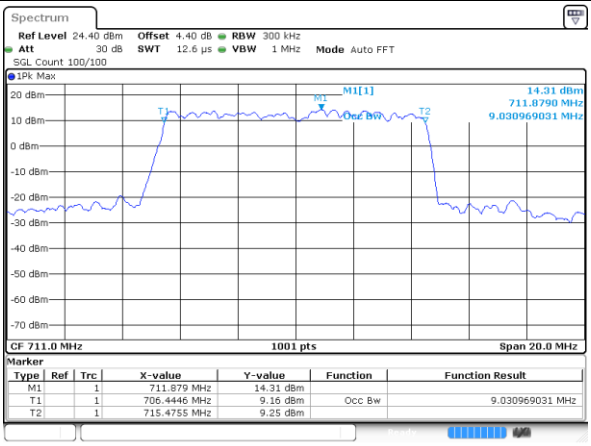
Middle Channel /10MHz / 64QAM



Highest Channel /5MHz / 64QAM



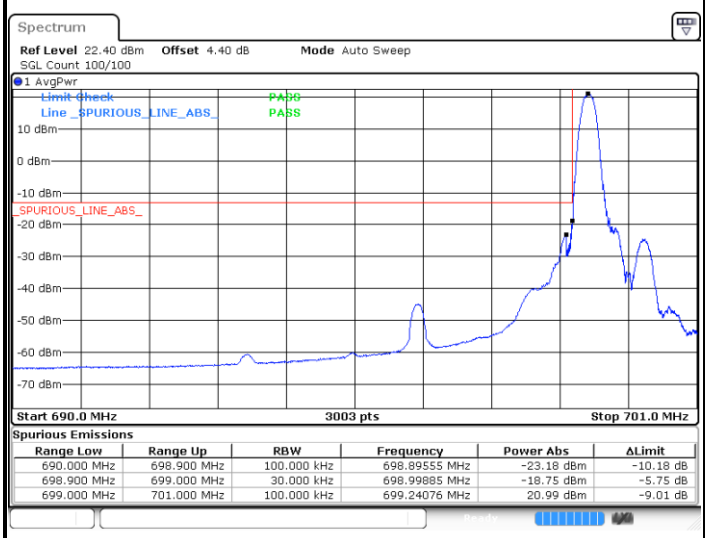
Highest Channel /10MHz / 64QAM



Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1 RB

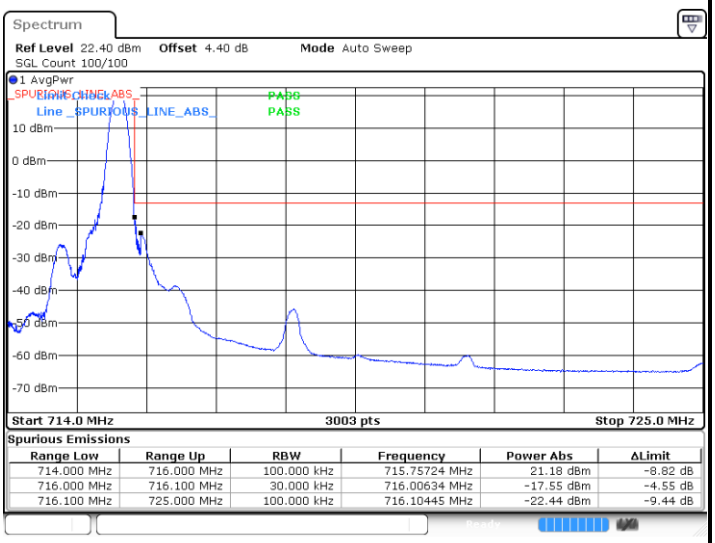


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-23.18 dBm	-10.18 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99885 MHz	-18.75 dBm	-5.75 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.24076 MHz	20.99 dBm	-9.01 dB

Date: 29.SEP.2018 13:44:12

Highest Band Edge / 1RB

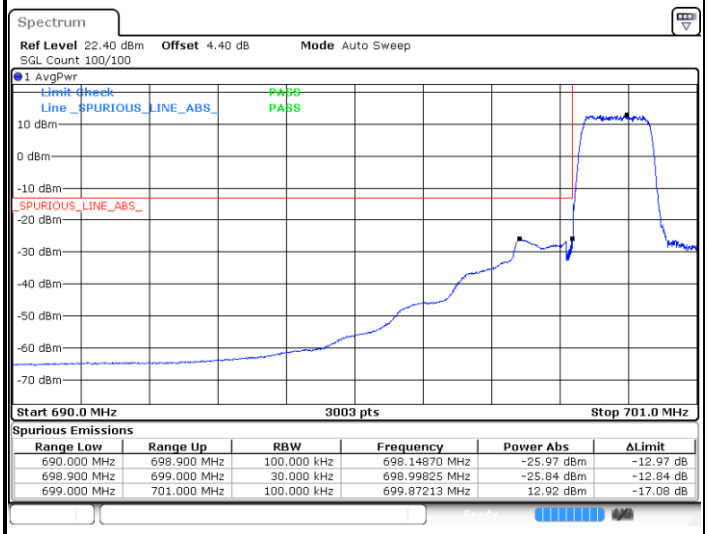


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.75724 MHz	21.18 dBm	-8.82 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00634 MHz	-17.55 dBm	-4.55 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-22.44 dBm	-9.44 dB

Date: 29.SEP.2018 13:49:48

Lowest Band Edge / Full RB

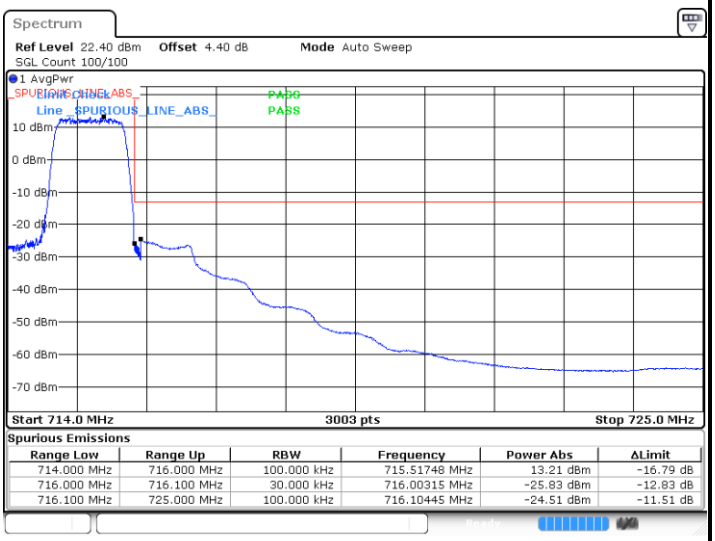


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.14870 MHz	-25.97 dBm	-12.97 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99825 MHz	-25.84 dBm	-12.84 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.87213 MHz	12.92 dBm	-17.08 dB

Date: 29.SEP.2018 13:45:19

Highest Band Edge / Full RB



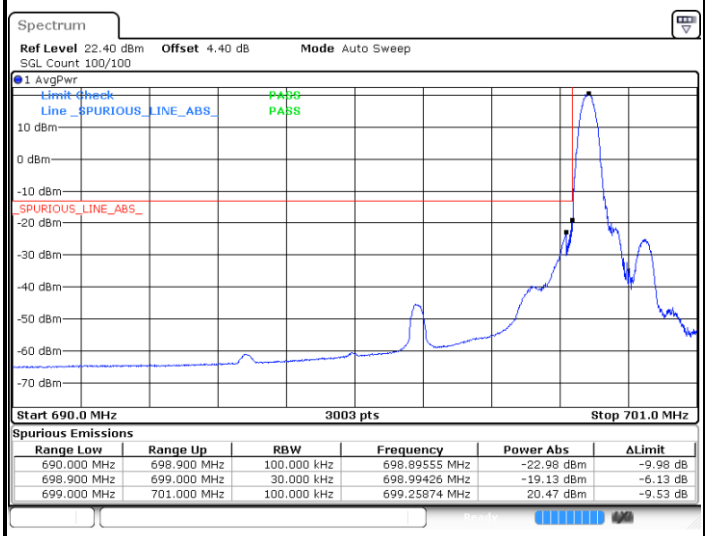
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.51748 MHz	13.21 dBm	-16.79 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00315 MHz	-25.83 dBm	-12.83 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-24.51 dBm	-11.51 dB

Date: 29.SEP.2018 13:48:41

LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

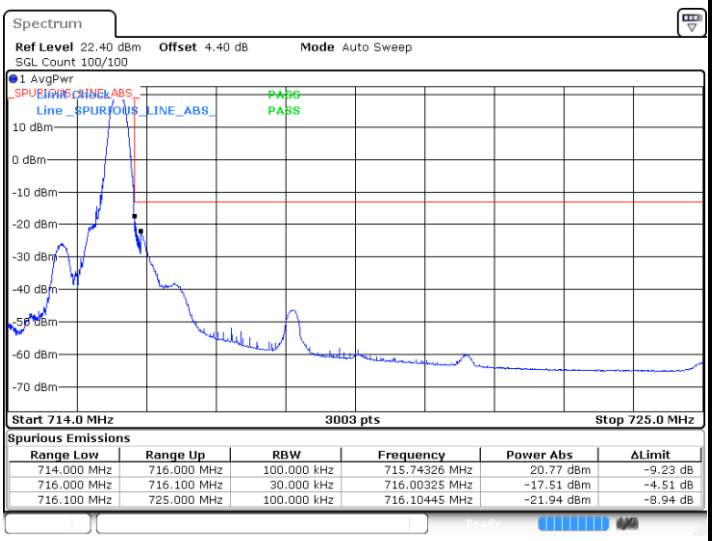


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-22.98 dBm	-9.98 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99426 MHz	-19.13 dBm	-6.13 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.25874 MHz	20.47 dBm	-9.53 dB

Date: 29.SEP.2018 13:43:04

Highest Band Edge / 1 RB

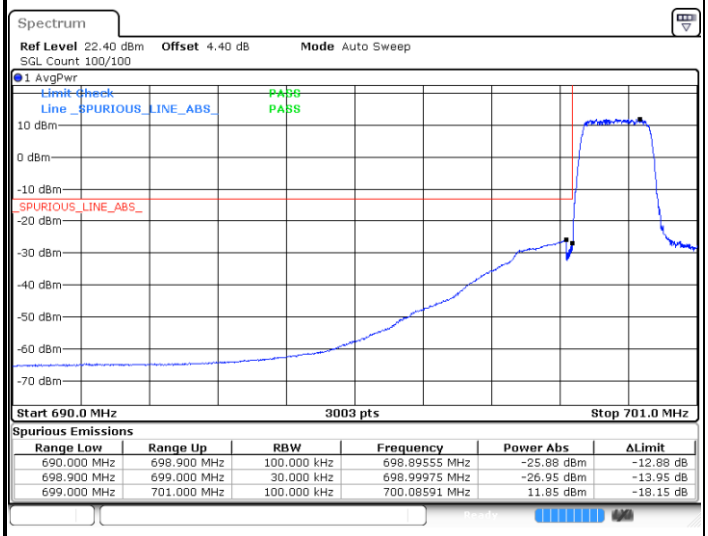


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.74326 MHz	20.77 dBm	-9.23 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00325 MHz	-17.51 dBm	-4.51 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-21.94 dBm	-8.94 dB

Date: 29.SEP.2018 13:50:56

Lowest Band Edge / Full RB

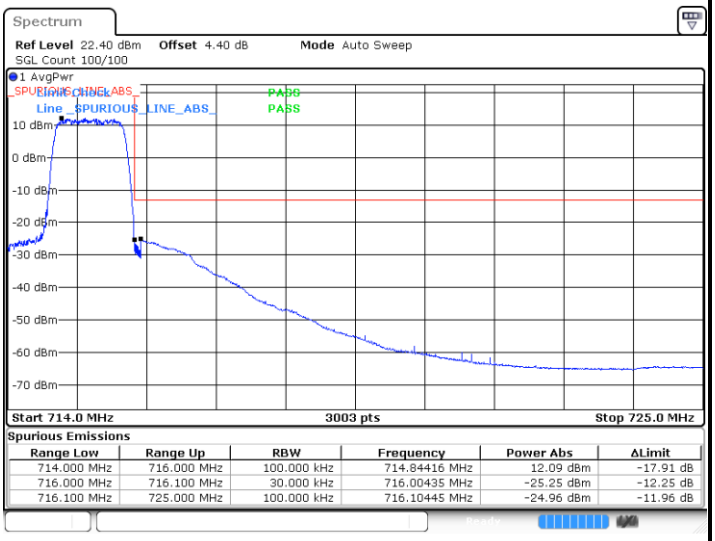


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-25.88 dBm	-12.88 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99975 MHz	-26.95 dBm	-13.95 dB
699.000 MHz	701.000 MHz	100.000 kHz	700.08591 MHz	11.85 dBm	-18.15 dB

Date: 29.SEP.2018 13:46:26

Highest Band Edge / Full RB



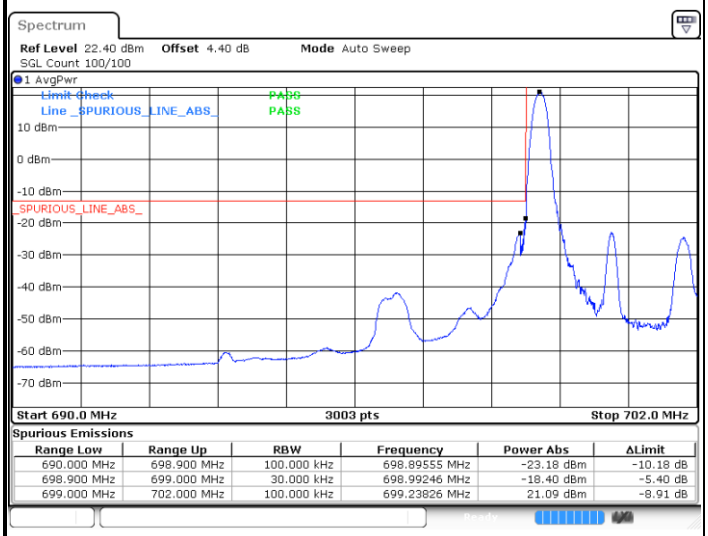
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	714.84416 MHz	12.09 dBm	-17.91 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00435 MHz	-25.25 dBm	-12.25 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-24.96 dBm	-11.96 dB

Date: 29.SEP.2018 13:47:34

LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB

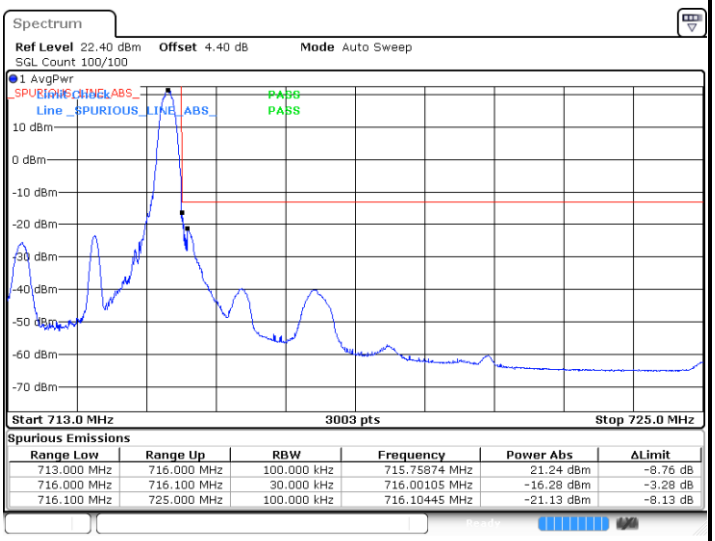


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-23.18 dBm	-10.18 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99246 MHz	-18.40 dBm	-5.40 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.23826 MHz	21.09 dBm	-8.91 dB

Date: 29.SEP.2018 14:00:34

Highest Band Edge / 1 RB

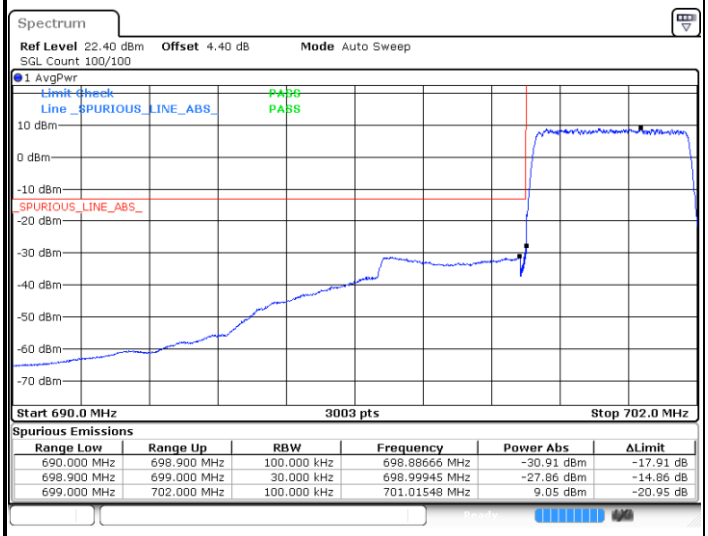


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.75874 MHz	21.24 dBm	-8.76 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00105 MHz	-16.28 dBm	-3.28 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-21.13 dBm	-8.13 dB

Date: 29.SEP.2018 14:06:11

Lowest Band Edge / Full RB

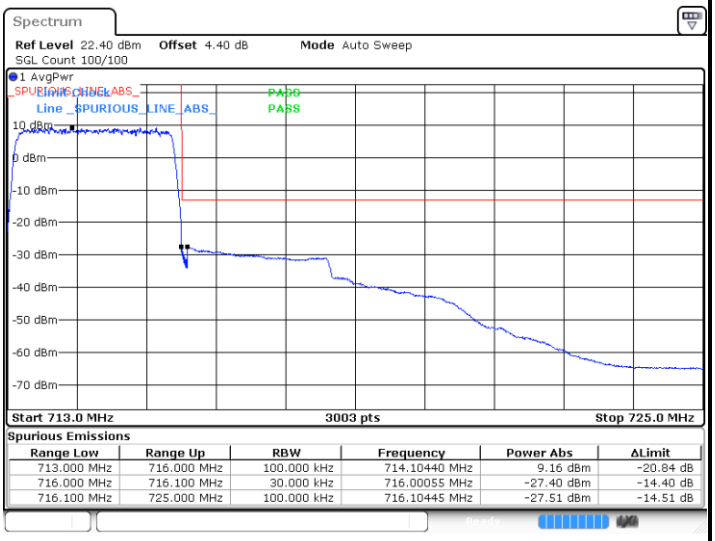


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-30.91 dBm	-17.91 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99945 MHz	-27.86 dBm	-14.86 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.01548 MHz	9.05 dBm	-20.95 dB

Date: 29.SEP.2018 14:01:42

Highest Band Edge / Full RB



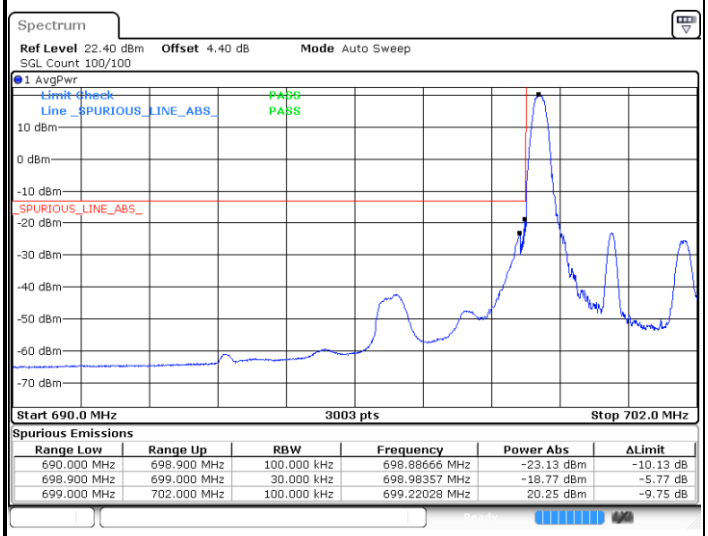
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	714.10440 MHz	9.16 dBm	-20.84 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00055 MHz	-27.40 dBm	-14.40 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-27.51 dBm	-14.51 dB

Date: 29.SEP.2018 14:05:04

LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

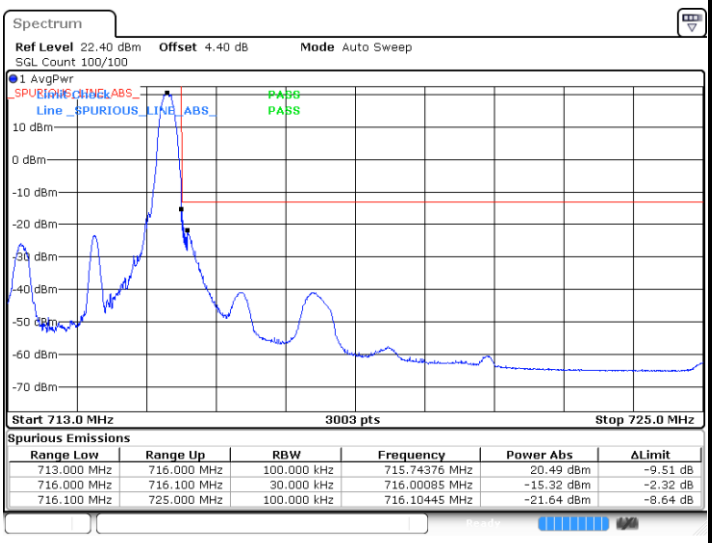


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-23.13 dBm	-10.13 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98357 MHz	-18.77 dBm	-5.77 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.22028 MHz	20.25 dBm	-9.75 dB

Date: 29.SEP.2018 13:59:27

Highest Band Edge / 1 RB

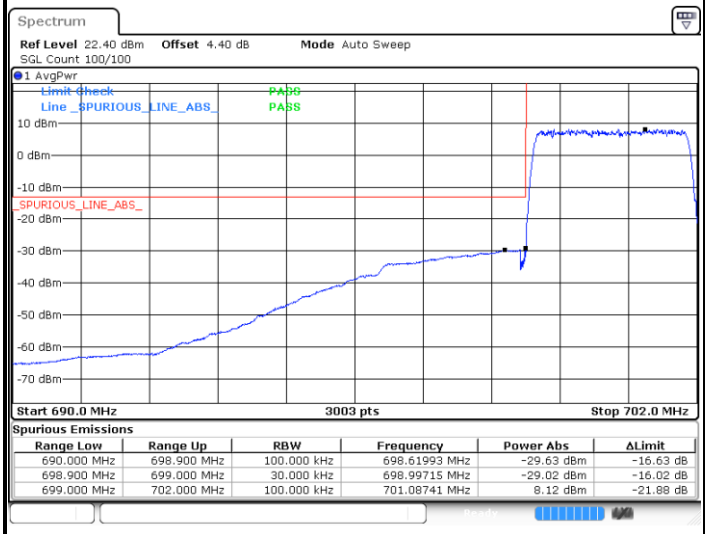


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.74376 MHz	20.49 dBm	-9.51 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00085 MHz	-15.32 dBm	-2.32 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-21.64 dBm	-8.64 dB

Date: 29.SEP.2018 14:07:18

Lowest Band Edge / Full RB

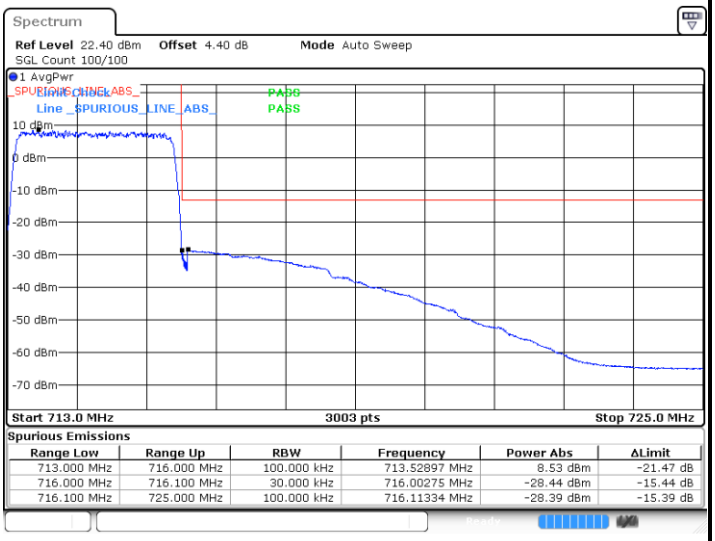


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.61993 MHz	-29.63 dBm	-16.63 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99715 MHz	-29.02 dBm	-16.02 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.08741 MHz	8.12 dBm	-21.88 dB

Date: 29.SEP.2018 14:02:49

Highest Band Edge / Full RB



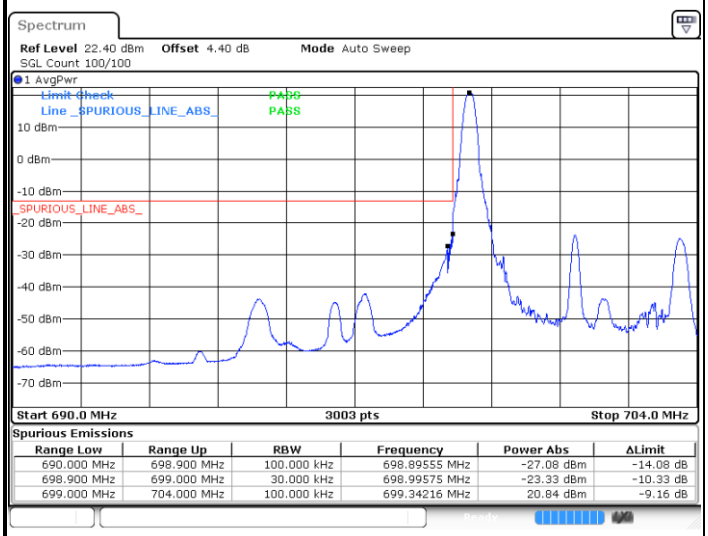
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.52897 MHz	8.53 dBm	-21.47 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00275 MHz	-28.44 dBm	-15.44 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-28.39 dBm	-15.39 dB

Date: 29.SEP.2018 14:03:56

LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB

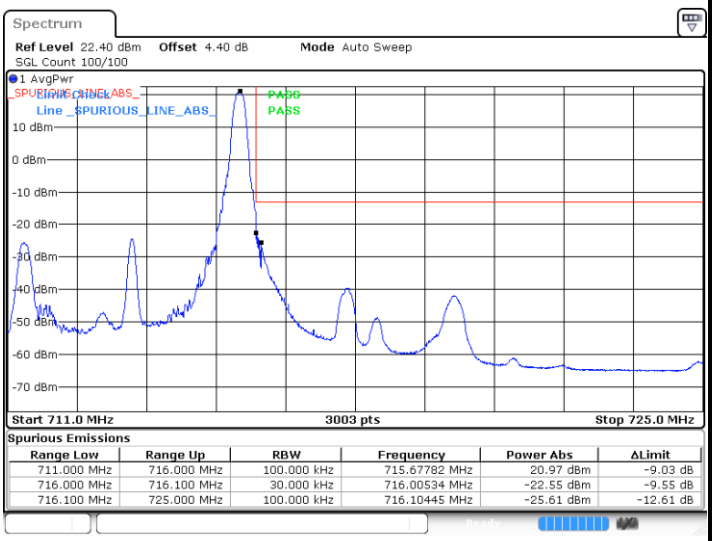


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.08 dBm	-14.08 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99575 MHz	-23.33 dBm	-10.33 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.34216 MHz	20.84 dBm	-9.16 dB

Date: 29.SEP.2018 14:16:57

Highest Band Edge / 1 RB

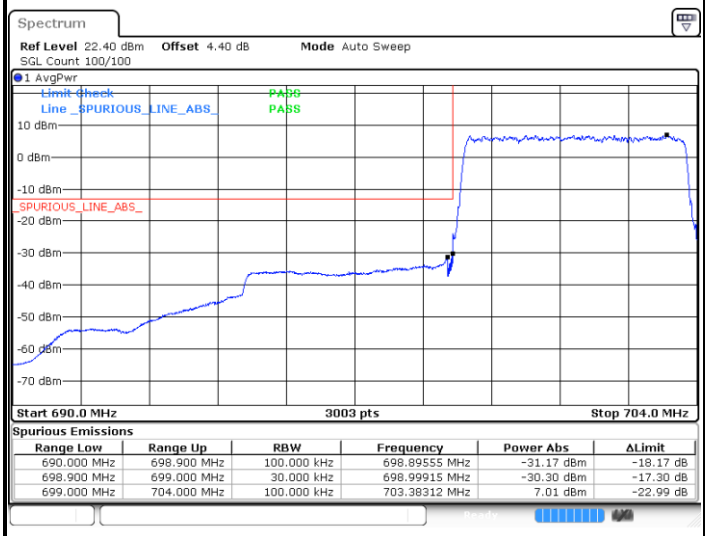


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.67782 MHz	20.97 dBm	-9.03 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00534 MHz	-22.55 dBm	-9.55 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-25.61 dBm	-12.61 dB

Date: 29.SEP.2018 14:22:34

Lowest Band Edge / Full RB

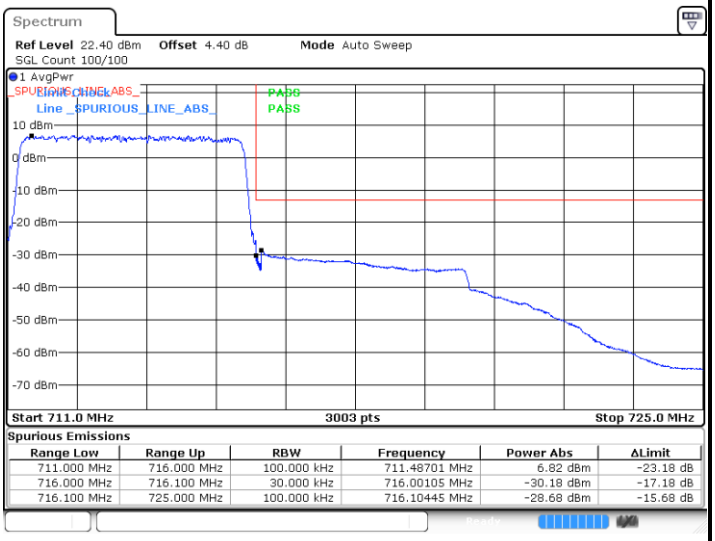


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.17 dBm	-18.17 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99915 MHz	-30.30 dBm	-17.30 dB
699.000 MHz	704.000 MHz	100.000 kHz	703.38312 MHz	7.01 dBm	-22.99 dB

Date: 29.SEP.2018 14:18:05

Highest Band Edge / Full RB



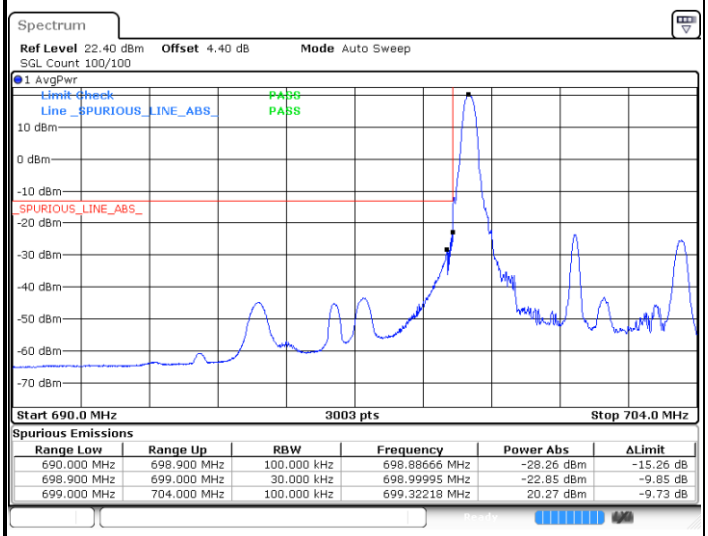
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.48701 MHz	6.82 dBm	-23.18 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00105 MHz	-30.18 dBm	-17.18 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.68 dBm	-15.68 dB

Date: 29.SEP.2018 14:21:26

LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB

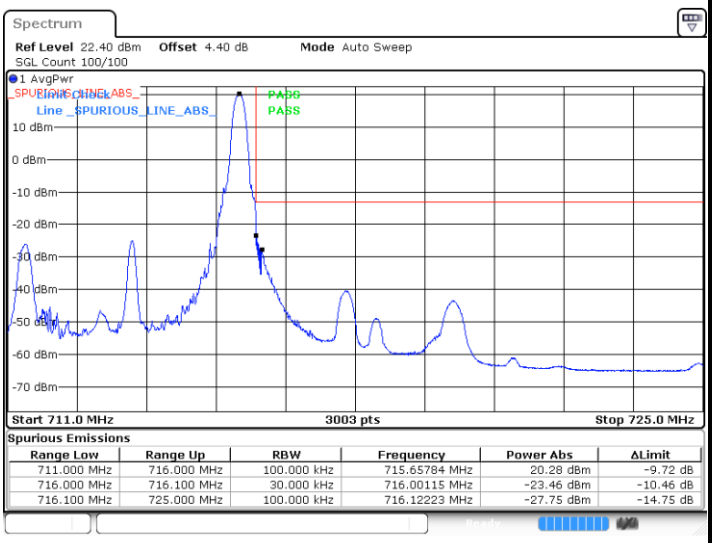


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-28.26 dBm	-15.26 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-22.85 dBm	-9.85 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.32218 MHz	20.27 dBm	-9.73 dB

Date: 29.SEP.2018 14:15:50

Highest Band Edge / 1 RB

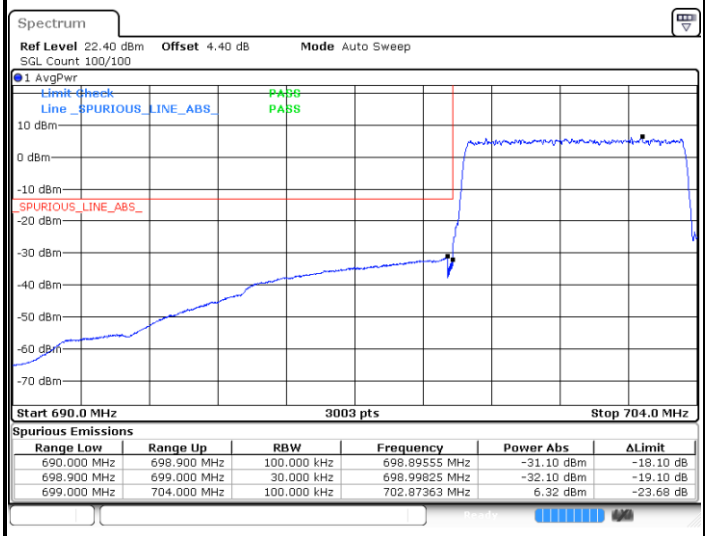


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.65784 MHz	20.28 dBm	-9.72 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00115 MHz	-23.46 dBm	-10.46 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.12223 MHz	-27.75 dBm	-14.75 dB

Date: 29.SEP.2018 14:23:41

Lowest Band Edge / Full RB

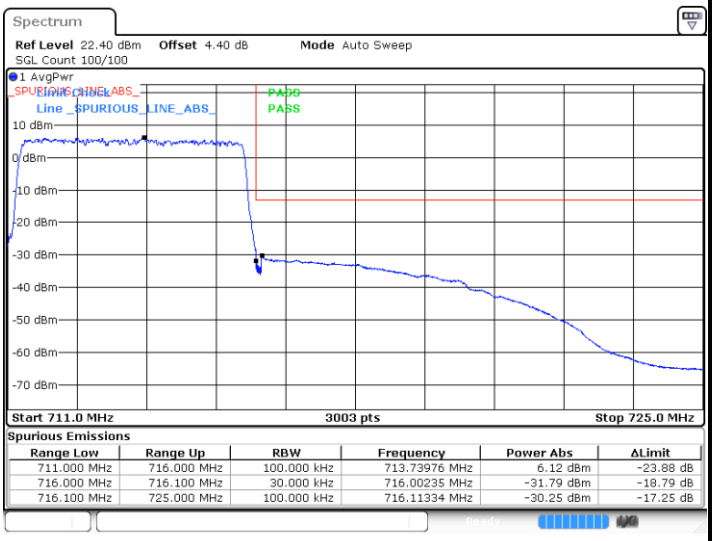


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.10 dBm	-18.10 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99825 MHz	-32.10 dBm	-19.10 dB
699.000 MHz	704.000 MHz	100.000 kHz	702.87363 MHz	6.32 dBm	-23.68 dB

Date: 29.SEP.2018 14:19:12

Highest Band Edge / Full RB



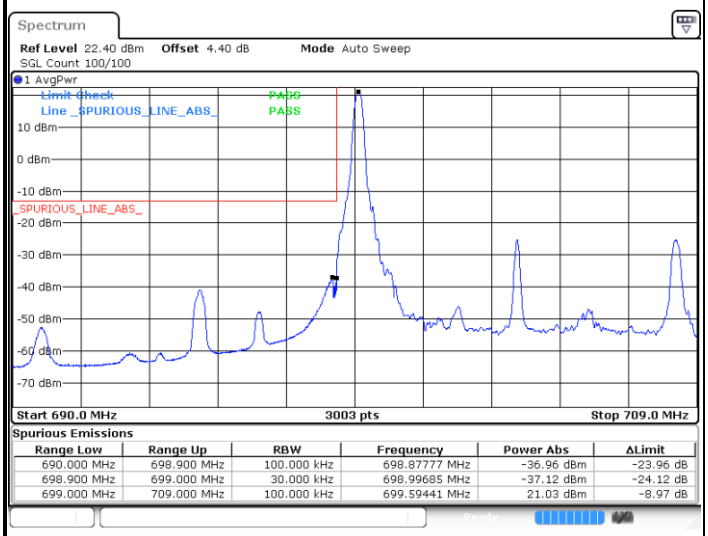
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	713.73976 MHz	6.12 dBm	-23.88 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00235 MHz	-31.79 dBm	-18.79 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-30.25 dBm	-17.25 dB

Date: 29.SEP.2018 14:20:19

LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB

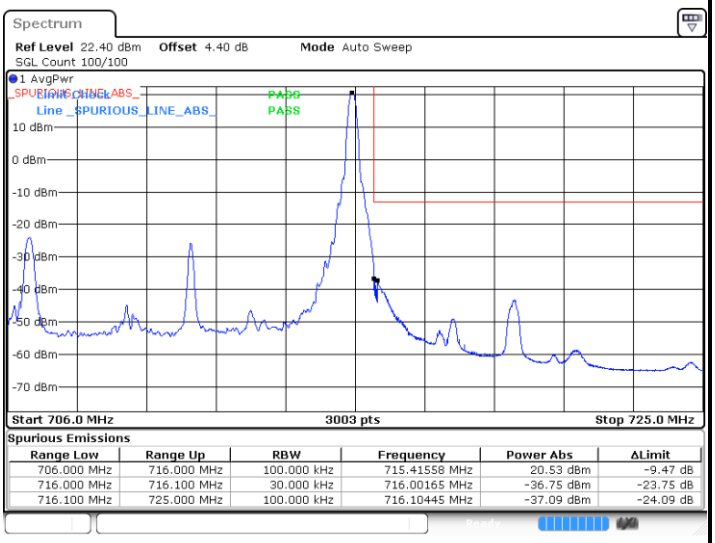


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.87777 MHz	-36.96 dBm	-23.96 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99685 MHz	-37.12 dBm	-24.12 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.59441 MHz	21.03 dBm	-8.97 dB

Date: 29.SEP.2018 14:33:20

Highest Band Edge / 1 RB

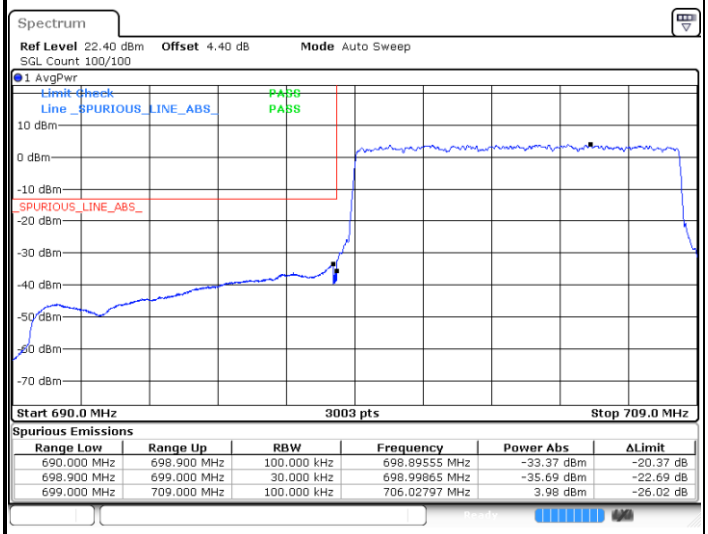


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.41558 MHz	20.53 dBm	-9.47 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00165 MHz	-36.75 dBm	-23.75 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-37.09 dBm	-24.09 dB

Date: 29.SEP.2018 14:38:56

Lowest Band Edge / Full RB

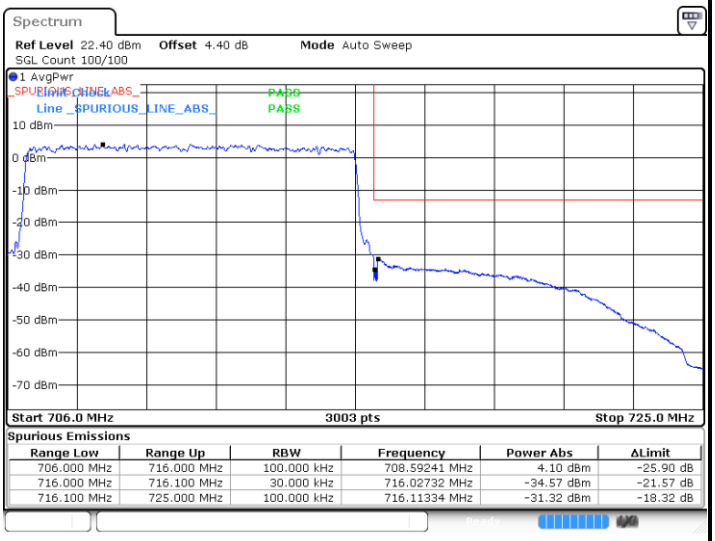


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-33.37 dBm	-20.37 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99865 MHz	-35.69 dBm	-22.69 dB
699.000 MHz	709.000 MHz	100.000 kHz	706.02797 MHz	3.98 dBm	-26.02 dB

Date: 29.SEP.2018 14:34:27

Highest Band Edge / Full RB



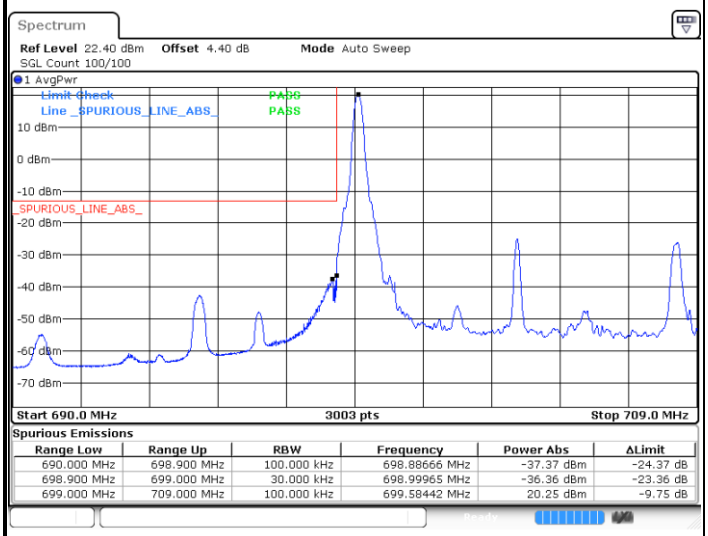
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	708.59241 MHz	4.10 dBm	-25.90 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.02732 MHz	-34.57 dBm	-21.57 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-31.32 dBm	-18.32 dB

Date: 29.SEP.2018 14:37:49

LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

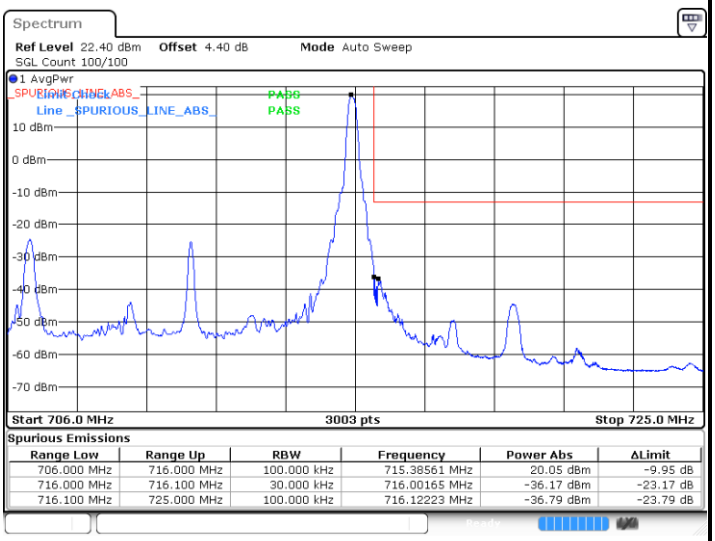


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-37.37 dBm	-24.37 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99965 MHz	-36.36 dBm	-23.36 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.58442 MHz	20.25 dBm	-9.75 dB

Date: 29.SEP.2018 14:32:13

Highest Band Edge / 1 RB

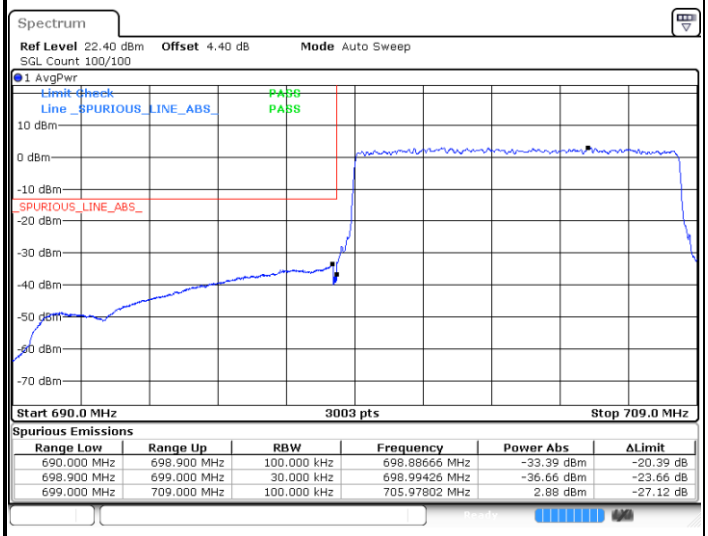


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.38561 MHz	20.05 dBm	-9.95 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00165 MHz	-36.17 dBm	-23.17 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.12223 MHz	-36.79 dBm	-23.79 dB

Date: 29.SEP.2018 14:40:04

Lowest Band Edge / Full RB

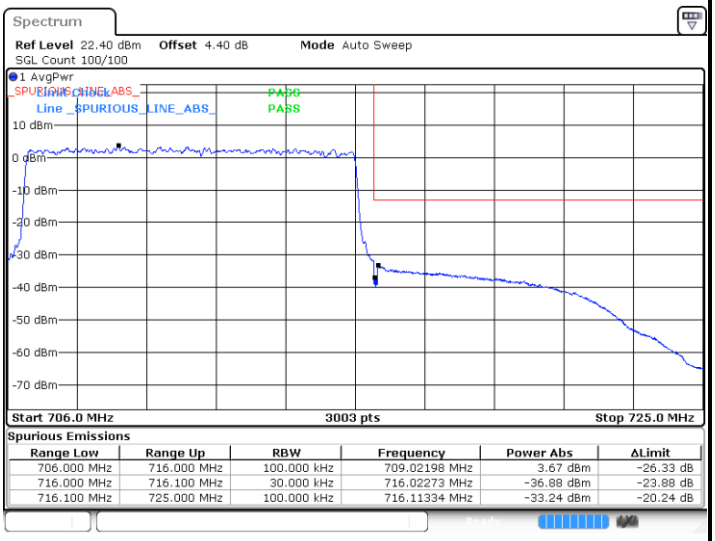


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-33.39 dBm	-20.39 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99426 MHz	-36.66 dBm	-23.66 dB
699.000 MHz	709.000 MHz	100.000 kHz	705.97802 MHz	2.88 dBm	-27.12 dB

Date: 29.SEP.2018 14:35:34

Highest Band Edge / Full RB



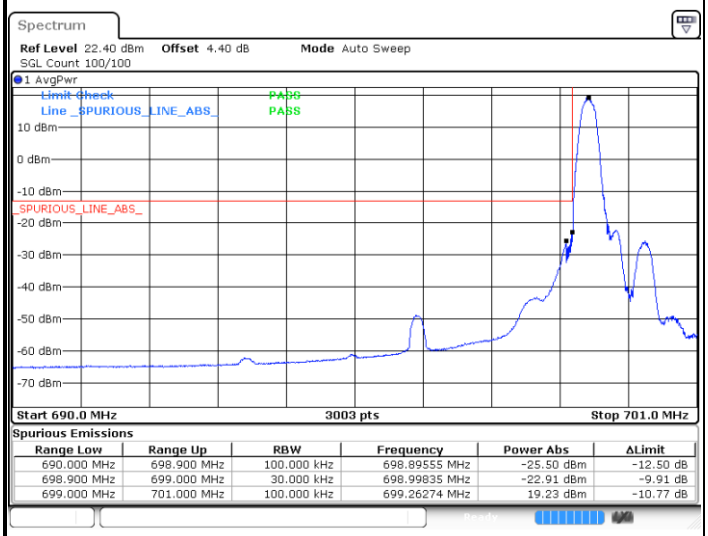
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	709.02198 MHz	3.67 dBm	-26.33 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.02273 MHz	-36.88 dBm	-23.88 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-33.24 dBm	-20.24 dB

Date: 29.SEP.2018 14:36:42

LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1RB

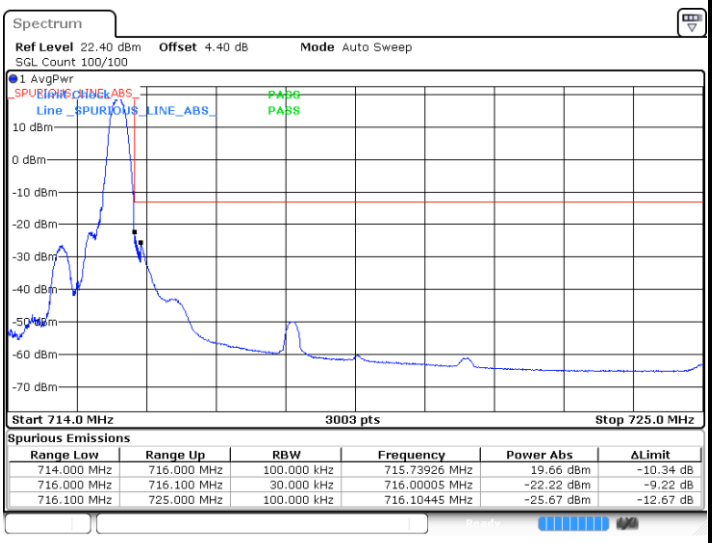


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-25.50 dBm	-12.50 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99835 MHz	-22.91 dBm	-9.91 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.26274 MHz	19.23 dBm	-10.77 dB

Date: 29.SEP.2018 14:46:00

Highest Band Edge / 1RB

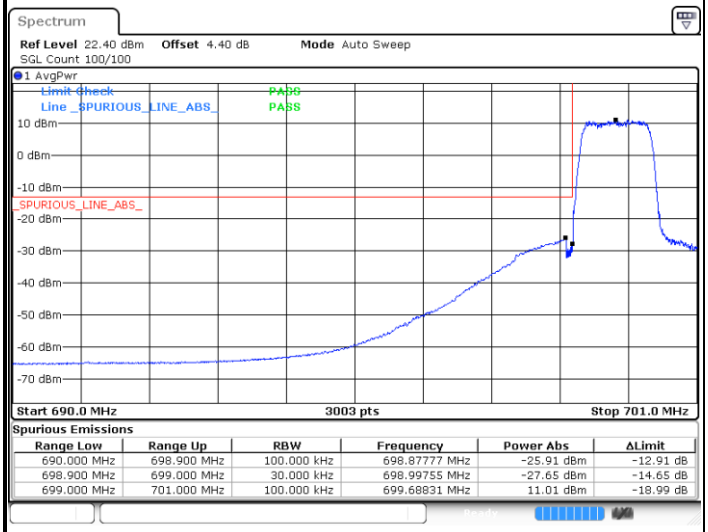


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.73926 MHz	19.66 dBm	-10.34 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00005 MHz	-22.22 dBm	-9.22 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-25.67 dBm	-12.67 dB

Date: 29.SEP.2018 14:49:22

Lowest Band Edge / Full RB

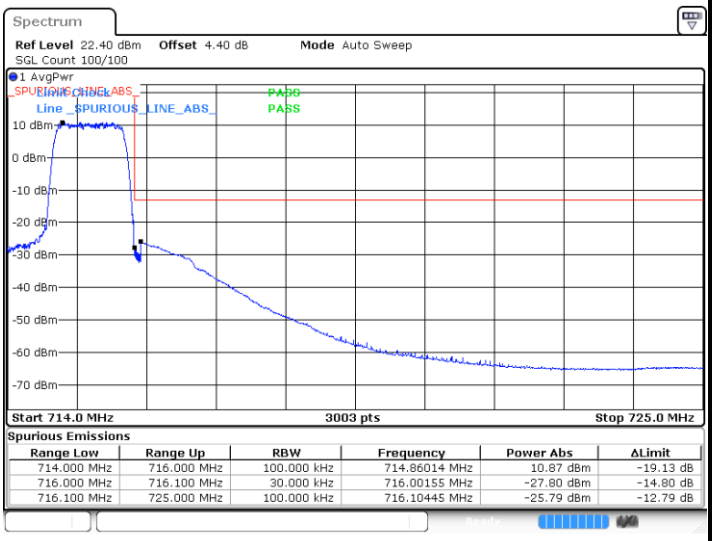


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.87777 MHz	-25.91 dBm	-12.91 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99755 MHz	-27.65 dBm	-14.65 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.68831 MHz	11.01 dBm	-18.99 dB

Date: 29.SEP.2018 14:47:07

Highest Band Edge / Full RB



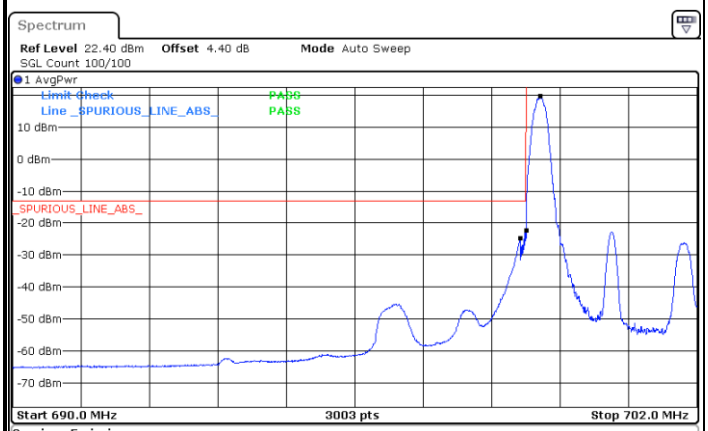
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	714.86014 MHz	10.87 dBm	-19.13 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00155 MHz	-27.80 dBm	-14.80 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-25.79 dBm	-12.79 dB

Date: 29.SEP.2018 14:48:14

LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1RB

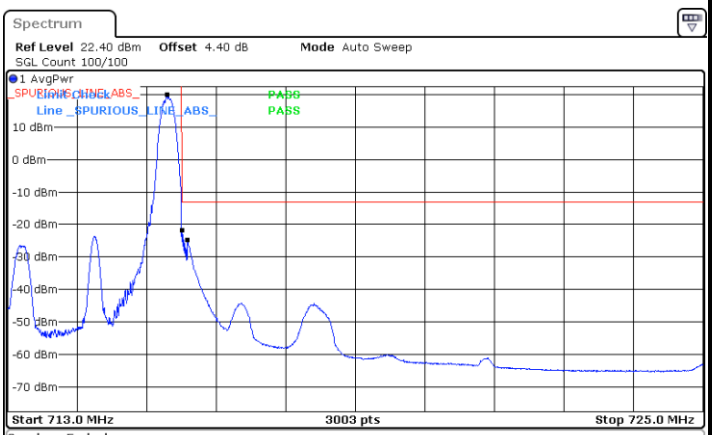


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-24.75 dBm	-11.75 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99935 MHz	-22.43 dBm	-9.43 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.24426 MHz	19.70 dBm	-10.30 dB

Date: 29.SEP.2018 14:54:11

Highest Band Edge / 1 RB

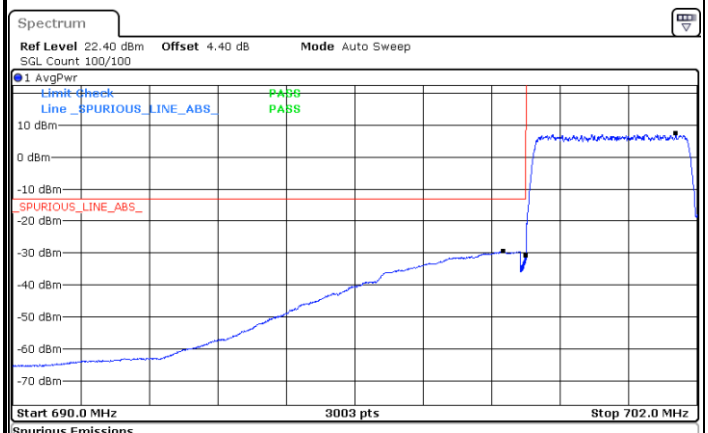


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.74376 MHz	19.88 dBm	-10.12 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00375 MHz	-21.71 dBm	-8.71 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-24.66 dBm	-11.66 dB

Date: 29.SEP.2018 14:57:33

Lowest Band Edge / Full RB

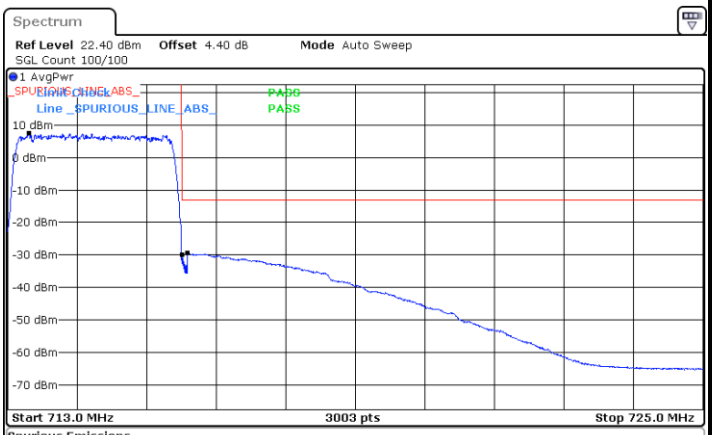


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.59326 MHz	-29.46 dBm	-16.46 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99885 MHz	-30.58 dBm	-17.58 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.62088 MHz	7.48 dBm	-22.52 dB

Date: 29.SEP.2018 14:55:19

Highest Band Edge / Full RB



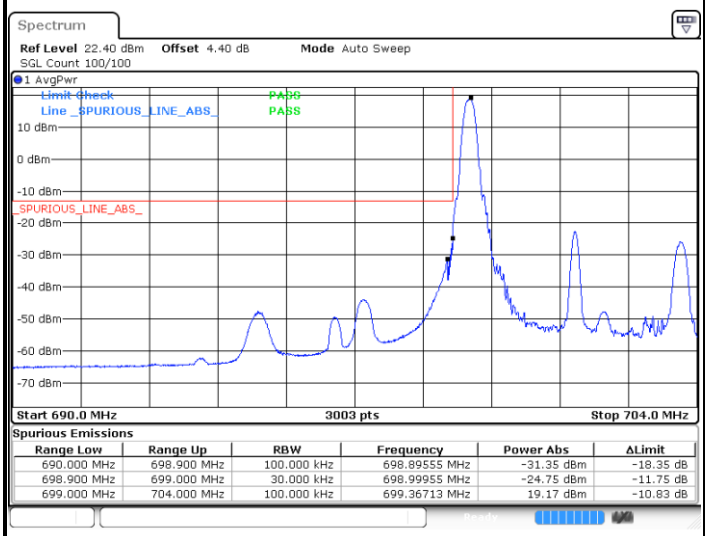
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.36114 MHz	7.40 dBm	-22.60 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00105 MHz	-29.84 dBm	-16.84 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.33 dBm	-16.33 dB

Date: 29.SEP.2018 14:56:26

LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

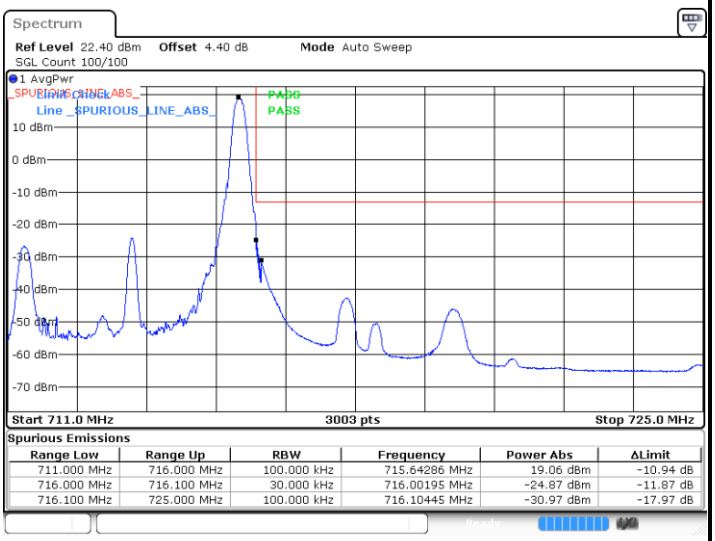


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.35 dBm	-18.35 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99955 MHz	-24.75 dBm	-11.75 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.36713 MHz	19.17 dBm	-10.83 dB

Date: 29.SEP.2018 15:02:23

Highest Band Edge / 1 RB

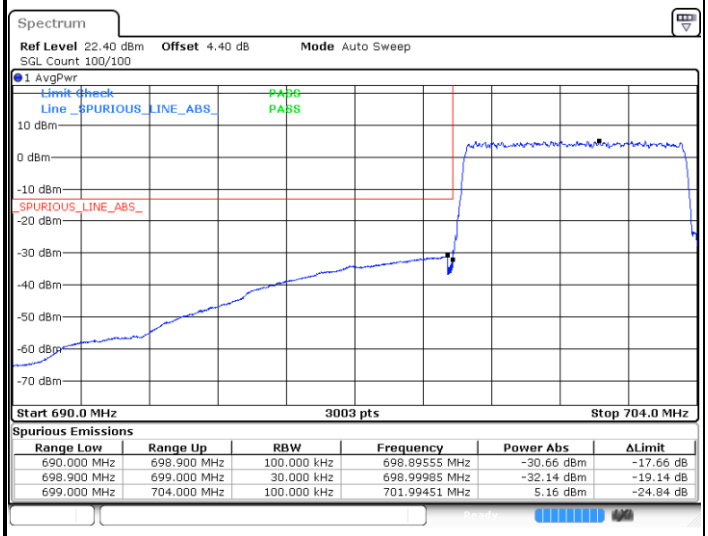


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.64286 MHz	19.06 dBm	-10.94 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00195 MHz	-24.87 dBm	-11.87 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.97 dBm	-17.97 dB

Date: 29.SEP.2018 15:05:45

Lowest Band Edge / Full RB

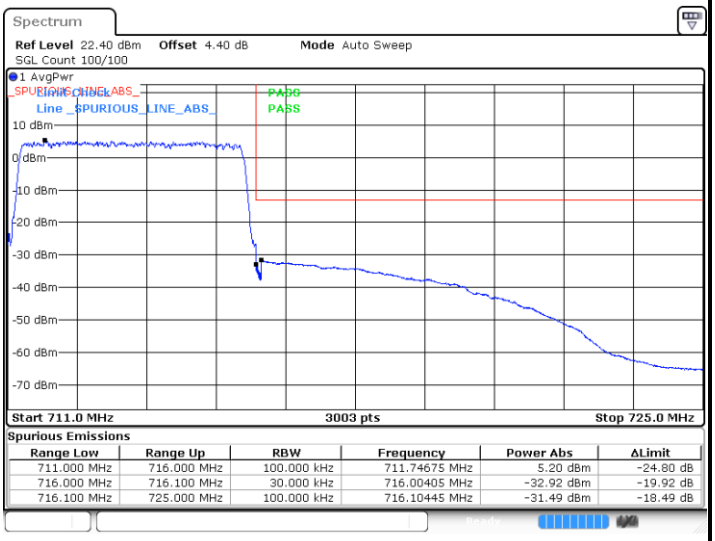


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.66 dBm	-17.66 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99985 MHz	-32.14 dBm	-19.14 dB
699.000 MHz	704.000 MHz	100.000 kHz	701.99451 MHz	5.16 dBm	-24.84 dB

Date: 29.SEP.2018 15:03:30

Highest Band Edge / Full RB



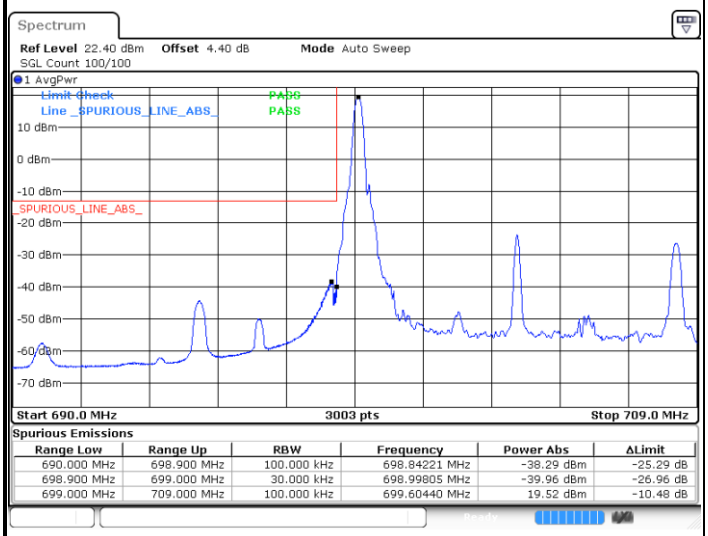
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.74675 MHz	5.20 dBm	-24.80 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00405 MHz	-32.92 dBm	-19.92 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.49 dBm	-18.49 dB

Date: 29.SEP.2018 15:04:37

LTE Band 12 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

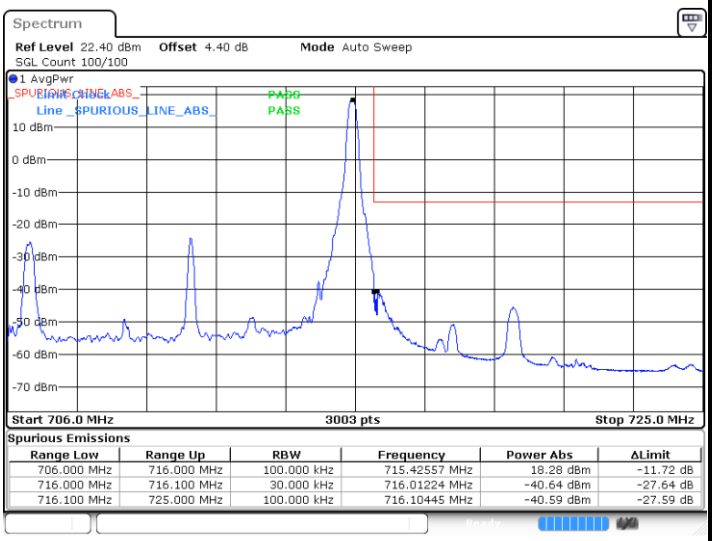


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.84221 MHz	-38.29 dBm	-25.29 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99805 MHz	-39.96 dBm	-26.96 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.60440 MHz	19.52 dBm	-10.48 dB

Date: 29.SEP.2018 15:10:34

Highest Band Edge / 1 RB

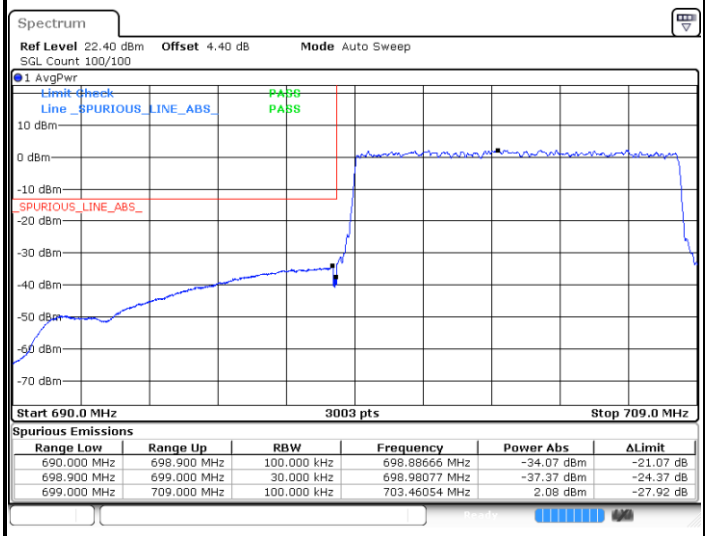


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.42557 MHz	18.28 dBm	-11.72 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01224 MHz	-40.64 dBm	-27.64 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-40.59 dBm	-27.59 dB

Date: 29.SEP.2018 15:13:56

Lowest Band Edge / Full RB

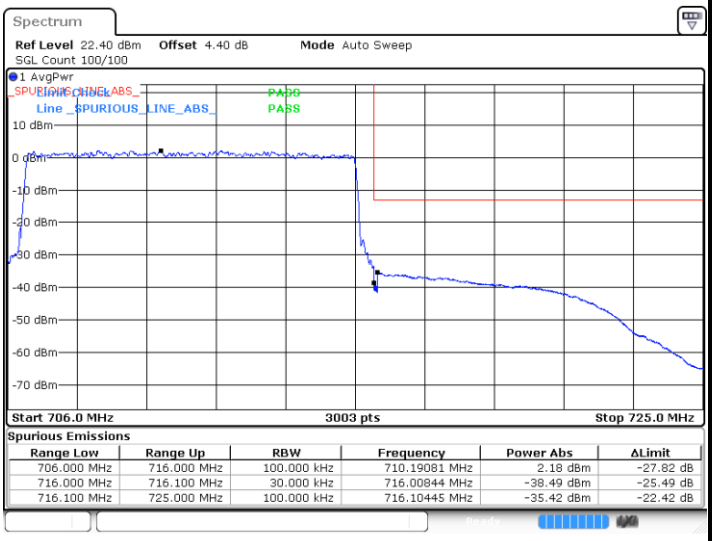


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-34.07 dBm	-21.07 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98077 MHz	-37.37 dBm	-24.37 dB
699.000 MHz	709.000 MHz	100.000 kHz	703.46054 MHz	2.08 dBm	-27.92 dB

Date: 29.SEP.2018 15:11:41

Highest Band Edge / Full RB



Spurious Emissions

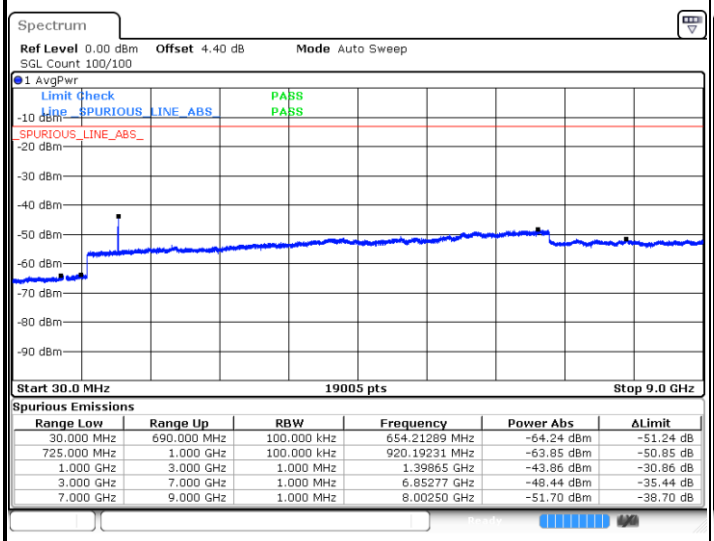
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	710.19081 MHz	2.18 dBm	-27.82 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00844 MHz	-38.49 dBm	-25.49 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-35.42 dBm	-22.42 dB

Date: 29.SEP.2018 15:12:49

Conducted Spurious Emission

LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

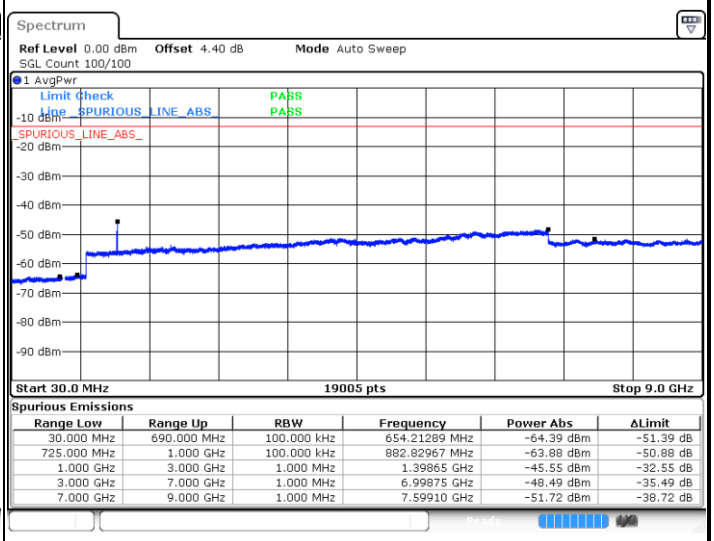


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	654.21289 MHz	-64.24 dBm	-51.24 dB
725.000 MHz	1.000 GHz	100.000 kHz	920.19231 MHz	-63.85 dBm	-50.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-43.86 dBm	-30.86 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85277 GHz	-48.44 dBm	-35.44 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00250 GHz	-51.70 dBm	-38.70 dB

Date: 29.SEP.2018 13:37:25

Lowest Channel / 16QAM

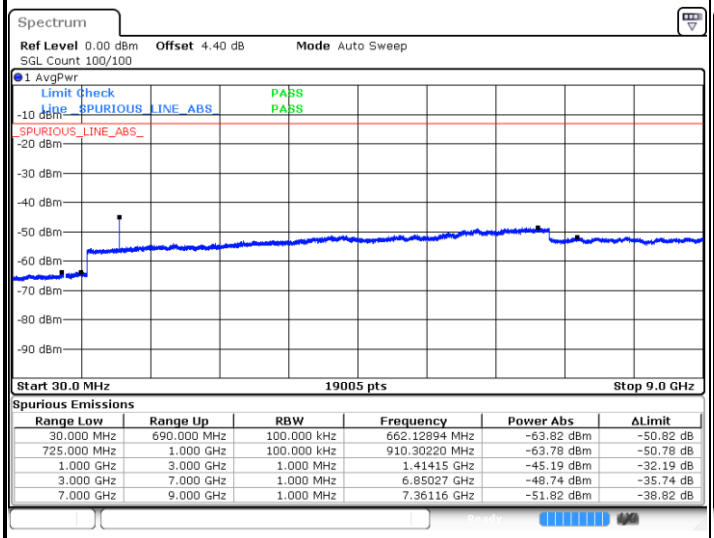


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	654.21289 MHz	-64.39 dBm	-51.39 dB
725.000 MHz	1.000 GHz	100.000 kHz	882.82967 MHz	-63.88 dBm	-50.88 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-45.55 dBm	-32.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-48.49 dBm	-35.49 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.59910 GHz	-51.72 dBm	-38.72 dB

Date: 29.SEP.2018 13:38:19

Middle Channel / QPSK

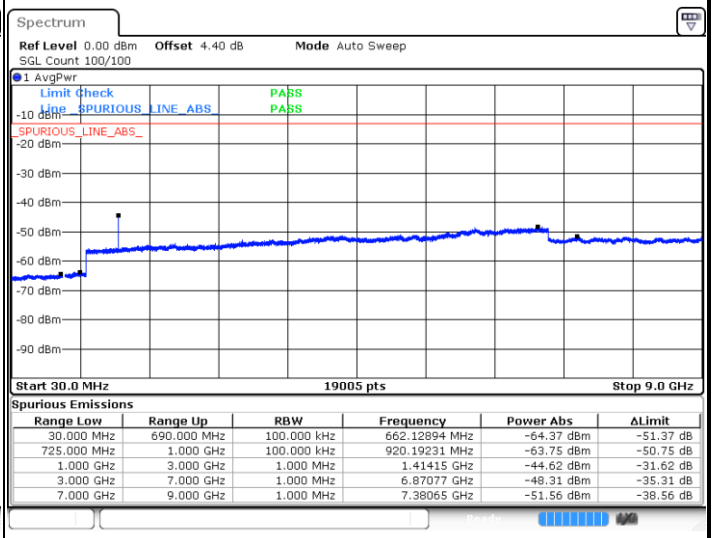


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	662.12894 MHz	-63.82 dBm	-50.82 dB
725.000 MHz	1.000 GHz	100.000 kHz	910.30220 MHz	-63.78 dBm	-50.78 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41415 GHz	-45.19 dBm	-32.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85027 GHz	-48.74 dBm	-35.74 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.36116 GHz	-51.82 dBm	-38.82 dB

Date: 29.SEP.2018 13:40:08

Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	662.12894 MHz	-64.37 dBm	-51.37 dB
725.000 MHz	1.000 GHz	100.000 kHz	920.19231 MHz	-63.75 dBm	-50.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41415 GHz	-44.62 dBm	-31.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87077 GHz	-48.31 dBm	-35.31 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.38065 GHz	-51.56 dBm	-38.56 dB

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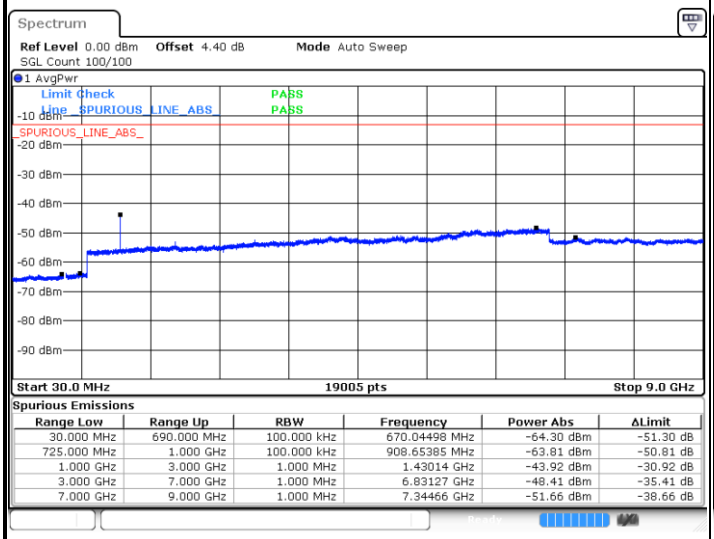
LTE Band 12 / 1.4MHz

Highest Channel / QPSK

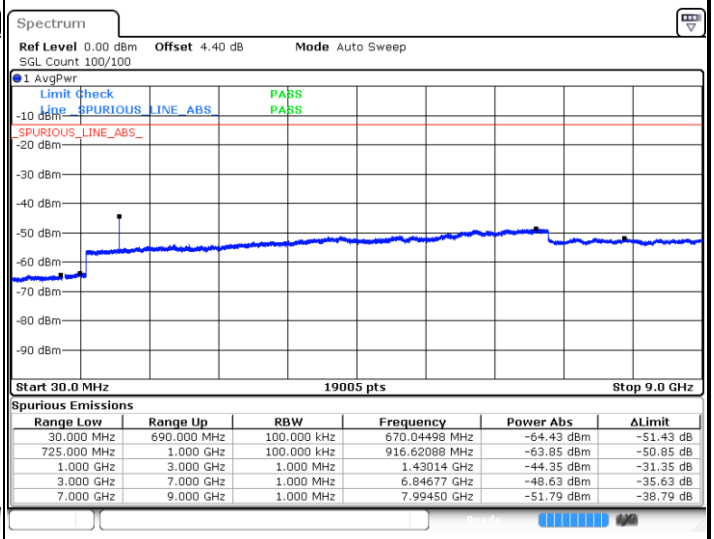


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	670.04498 MHz	-64.30 dBm	-51.30 dB
725.000 MHz	1.000 GHz	100.000 kHz	908.65385 MHz	-63.81 dBm	-50.81 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-43.92 dBm	-30.92 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83127 GHz	-48.41 dBm	-35.41 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34466 GHz	-51.66 dBm	-38.66 dB

Date: 29.SEP.2018 13:41:02

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	670.04498 MHz	-64.43 dBm	-51.43 dB
725.000 MHz	1.000 GHz	100.000 kHz	916.62088 MHz	-63.85 dBm	-50.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-44.35 dBm	-31.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84677 GHz	-48.63 dBm	-35.63 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.99450 GHz	-51.79 dBm	-38.79 dB

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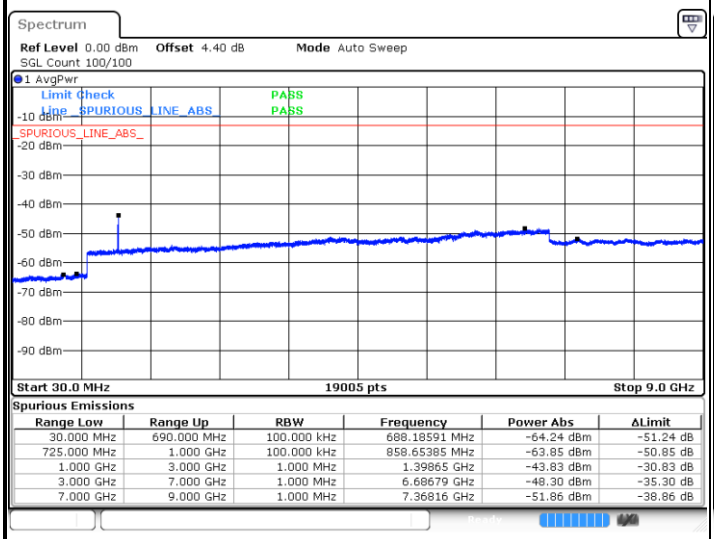
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	688.18591 MHz	-64.24 dBm	-51.24 dB
725.000 MHz	1.000 GHz	100.000 kHz	858.65385 MHz	-63.85 dBm	-50.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-43.83 dBm	-30.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.68679 GHz	-48.30 dBm	-35.30 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.36816 GHz	-51.86 dBm	-38.86 dB

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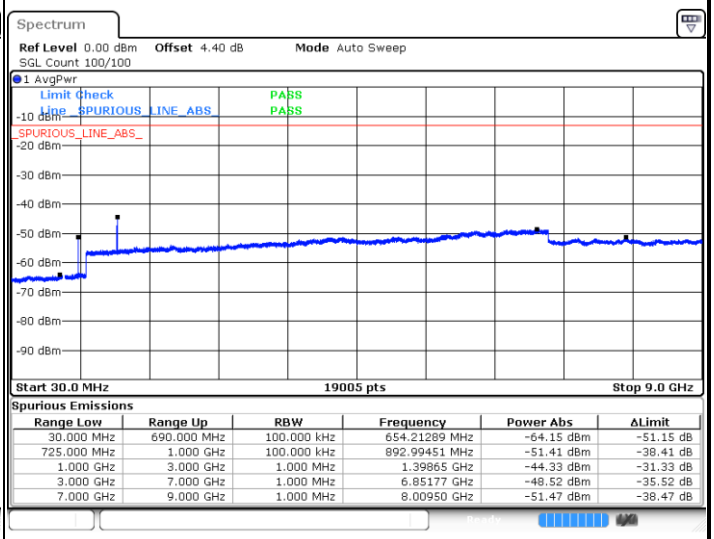
Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	654.21289 MHz	-64.15 dBm	-51.15 dB
725.000 MHz	1.000 GHz	100.000 kHz	892.99451 MHz	-51.41 dBm	-38.41 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-44.33 dBm	-31.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85177 GHz	-48.52 dBm	-35.52 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00950 GHz	-51.47 dBm	-38.47 dB

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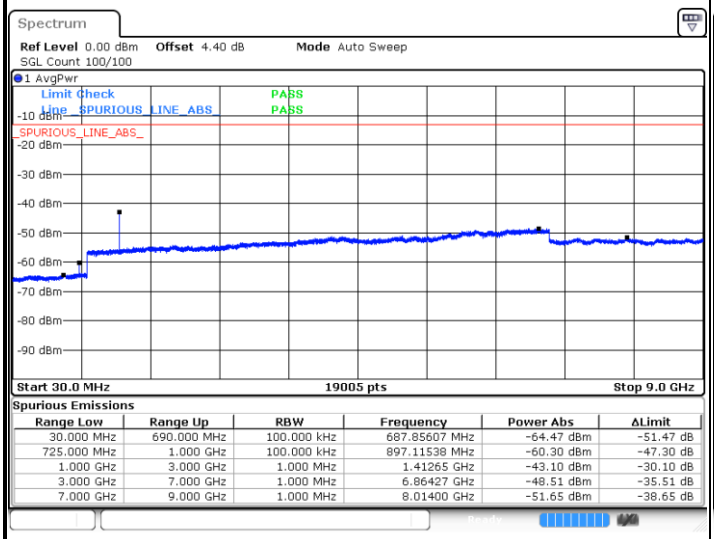
LTE Band 12 / 3MHz

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	687.85607 MHz	-64.47 dBm	-51.47 dB
725.000 MHz	1.000 GHz	100.000 kHz	897.11538 MHz	-60.30 dBm	-47.30 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-43.10 dBm	-30.10 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86427 GHz	-48.51 dBm	-35.51 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.01400 GHz	-51.65 dBm	-38.65 dB

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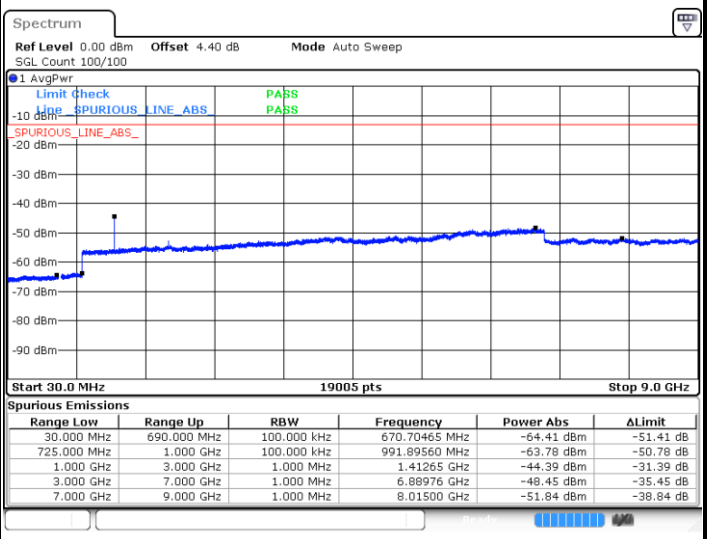
Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	670.70465 MHz	-64.41 dBm	-51.41 dB
725.000 MHz	1.000 GHz	100.000 kHz	991.89560 MHz	-63.78 dBm	-50.78 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-44.39 dBm	-31.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88976 GHz	-48.45 dBm	-35.45 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.01500 GHz	-51.84 dBm	-38.84 dB

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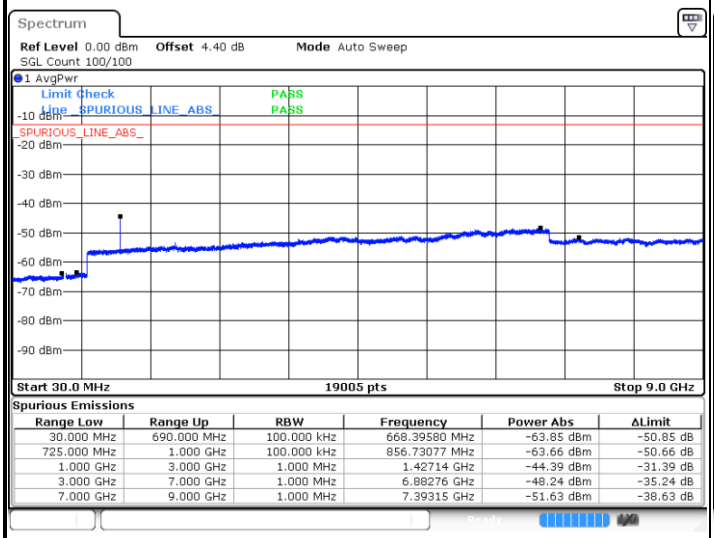
Highest Channel / QPSK

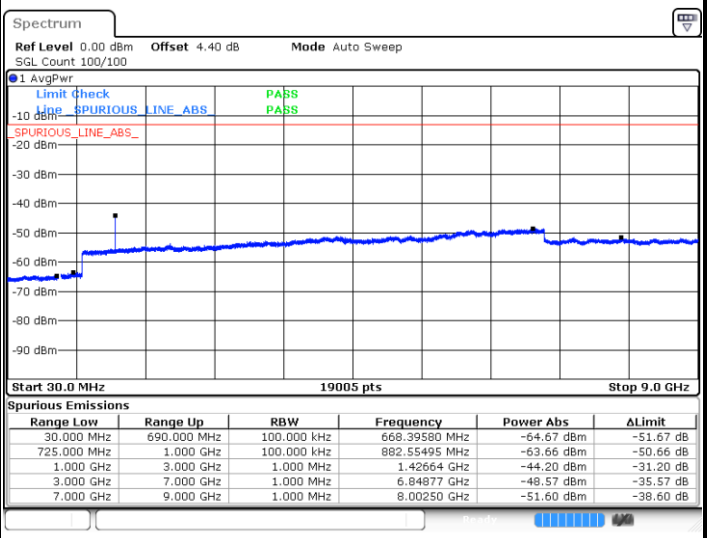


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	668.39580 MHz	-63.85 dBm	-50.85 dB
725.000 MHz	1.000 GHz	100.000 kHz	856.73077 MHz	-63.66 dBm	-50.66 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42714 GHz	-44.39 dBm	-31.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88276 GHz	-48.24 dBm	-35.24 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.39315 GHz	-51.63 dBm	-38.63 dB

Date: 29.SEP.2018 13:57:25

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	668.39580 MHz	-64.67 dBm	-51.67 dB
725.000 MHz	1.000 GHz	100.000 kHz	882.55495 MHz	-63.66 dBm	-50.66 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-44.20 dBm	-31.20 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84877 GHz	-48.57 dBm	-35.57 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00250 GHz	-51.60 dBm	-38.60 dB

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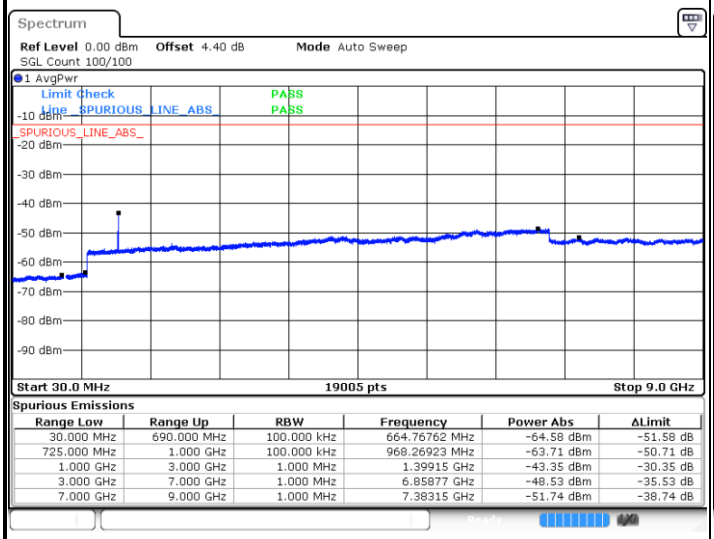
LTE Band 12 / 5MHz

Lowest Channel / QPSK

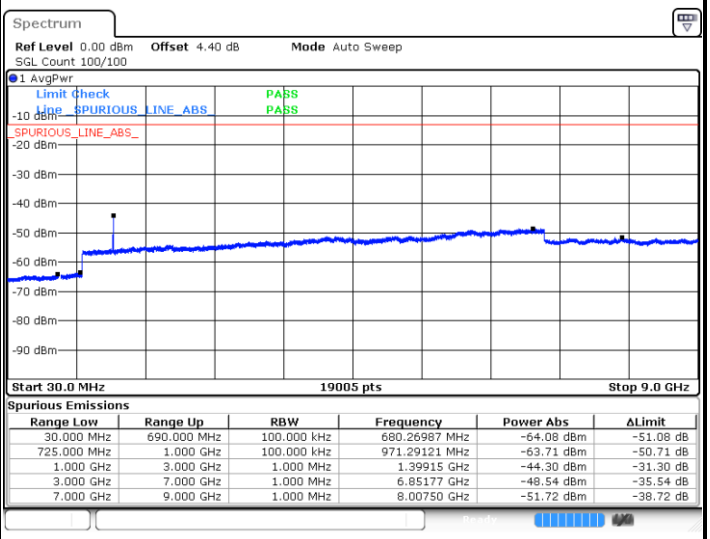


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	664.76762 MHz	-64.58 dBm	-51.58 dB
725.000 MHz	1.000 GHz	100.000 kHz	968.26923 MHz	-63.71 dBm	-50.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-43.35 dBm	-30.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85877 GHz	-48.53 dBm	-35.53 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.38315 GHz	-51.74 dBm	-38.74 dB

Date: 29.SEP.2018 14:10:10

Lowest Channel / 16QAM

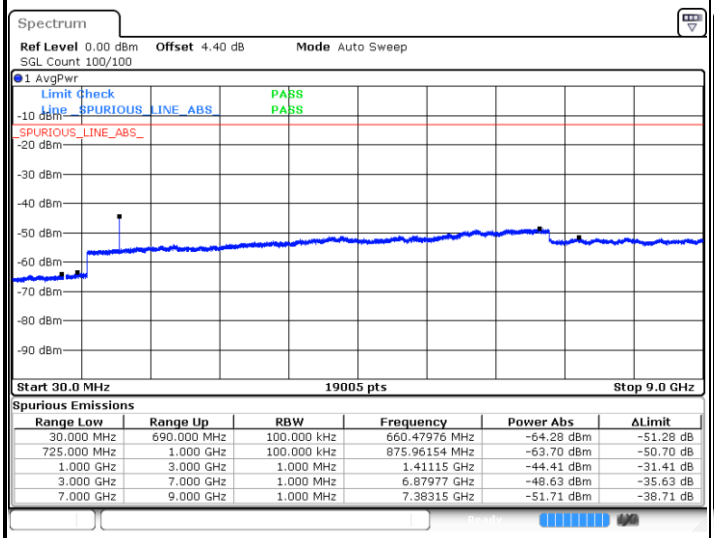


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	680.26987 MHz	-64.08 dBm	-51.08 dB
725.000 MHz	1.000 GHz	100.000 kHz	971.29121 MHz	-63.71 dBm	-50.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-44.30 dBm	-31.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85177 GHz	-48.54 dBm	-35.54 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00750 GHz	-51.72 dBm	-38.72 dB

Date: 29.SEP.2018 14:11:05

Middle Channel / QPSK

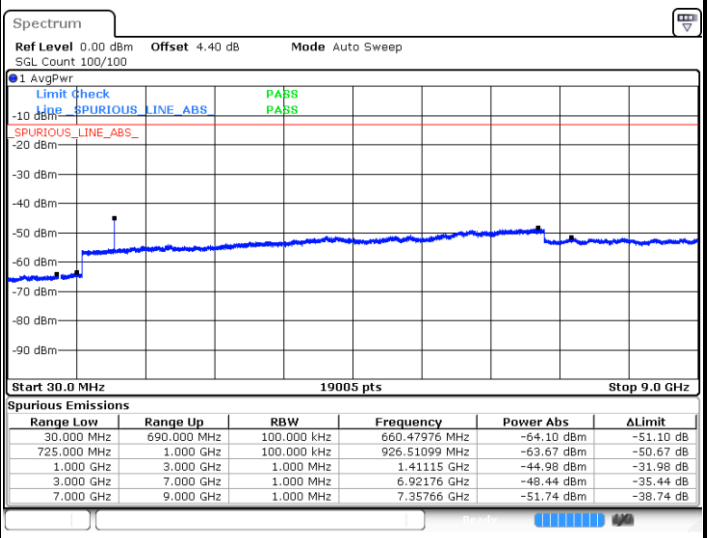


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	660.47976 MHz	-64.28 dBm	-51.28 dB
725.000 MHz	1.000 GHz	100.000 kHz	875.96154 MHz	-63.70 dBm	-50.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-44.41 dBm	-31.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87977 GHz	-48.63 dBm	-35.63 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.38315 GHz	-51.71 dBm	-38.71 dB

Date: 29.SEP.2018 14:12:53

Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	660.47976 MHz	-64.10 dBm	-51.10 dB
725.000 MHz	1.000 GHz	100.000 kHz	926.51099 MHz	-63.67 dBm	-50.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-44.98 dBm	-31.98 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92176 GHz	-48.44 dBm	-35.44 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.35766 GHz	-51.74 dBm	-38.74 dB

Date: 29.SEP.2018 14:11:59