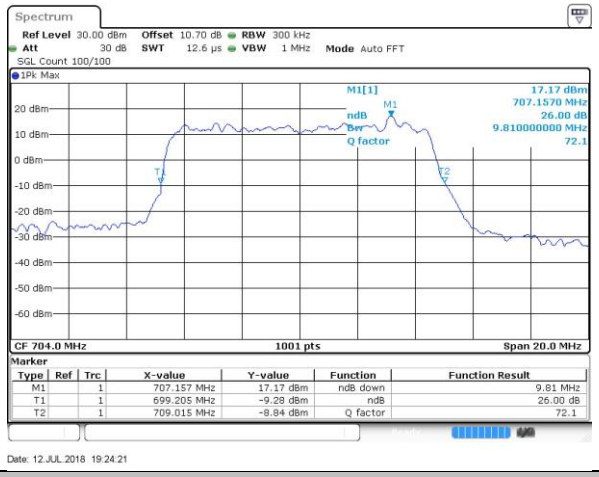
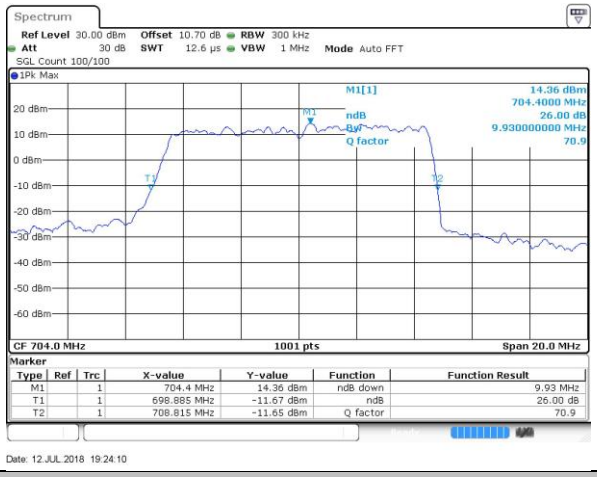
LTE Band 12

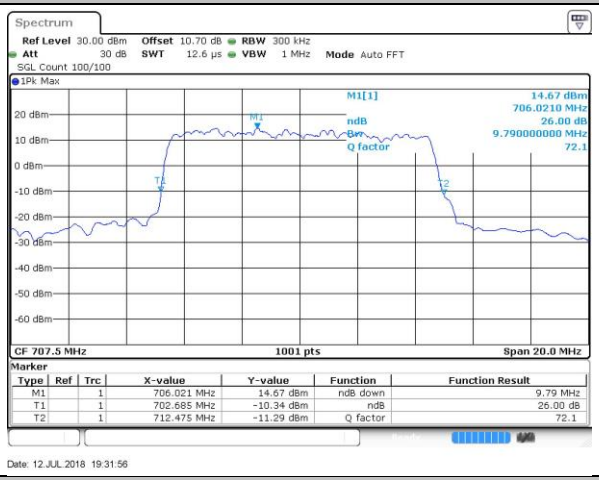
Lowest Channel / 10MHz / QPSK



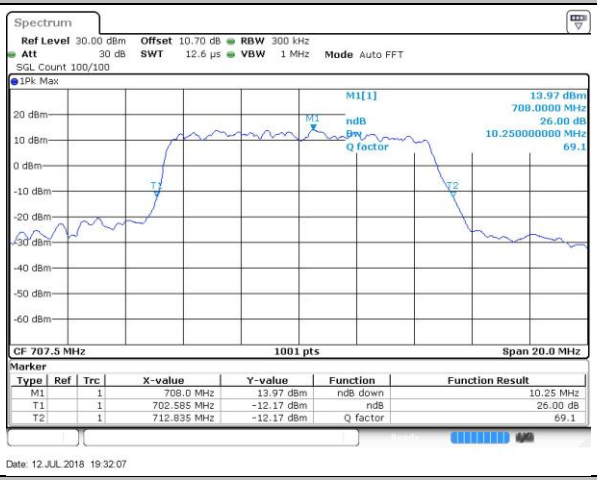
Lowest Channel / 10MHz / 16QAM



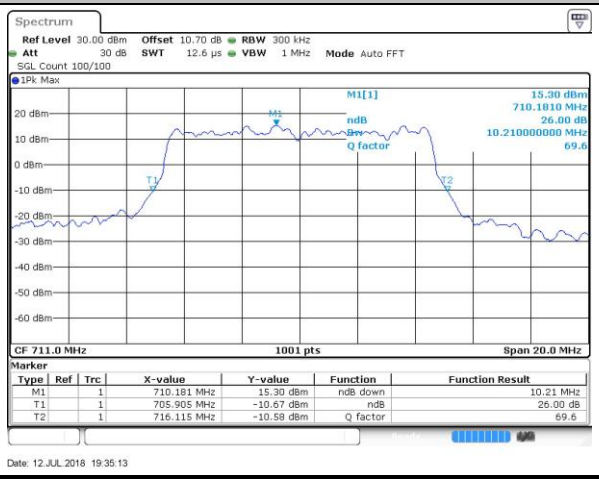
Middle Channel / 10MHz / QPSK



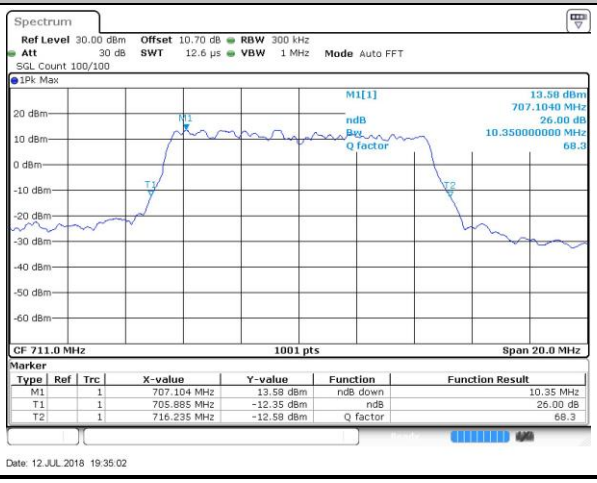
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

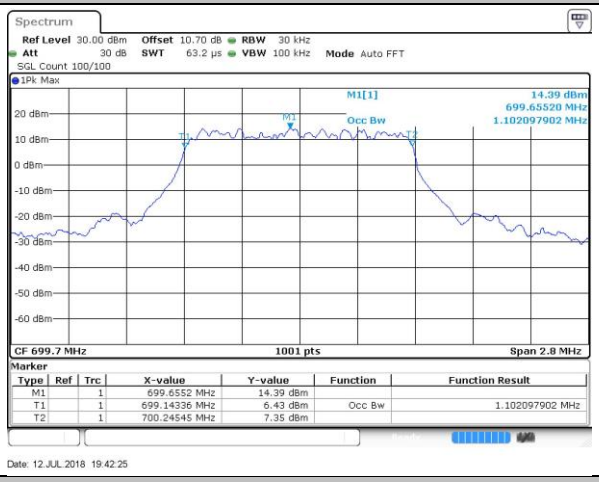


Occupied Bandwidth

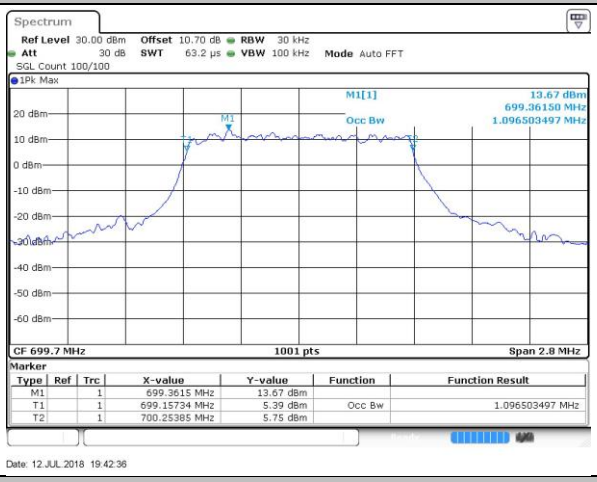
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.1	1.1	2.71	2.71	4.48	4.49	9.03	9.07	-	-	-	-
Middle CH	1.1	1.09	2.72	2.72	4.49	4.48	9.01	9.03	-	-	-	-
Highest CH	1.09	1.1	2.72	2.73	4.5	4.5	9.03	9.09	-	-	-	-

LTE Band 12

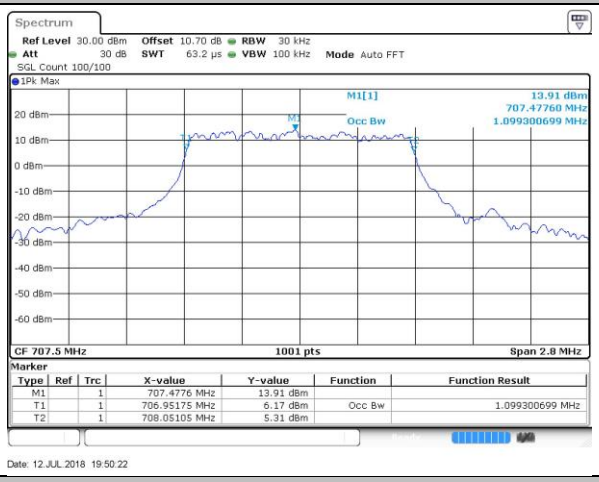
Lowest Channel / 1.4MHz / QPSK



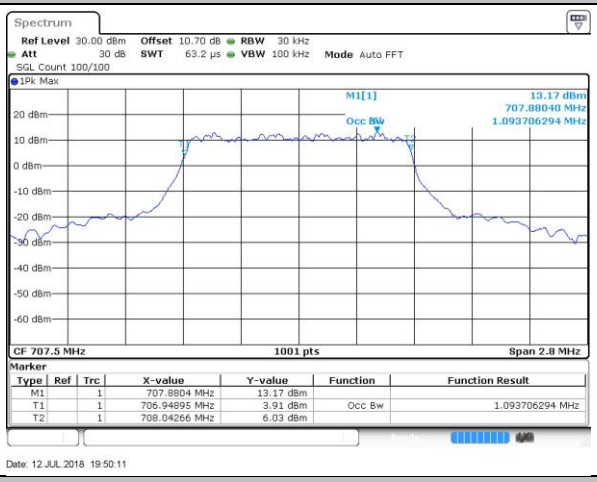
Lowest Channel / 1.4MHz / 16QAM



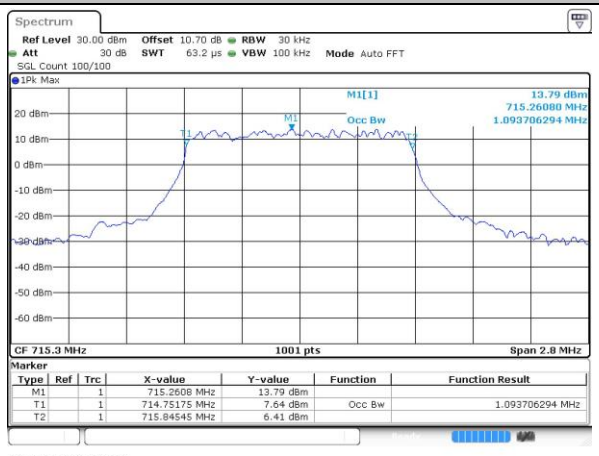
Middle Channel / 1.4MHz / QPSK



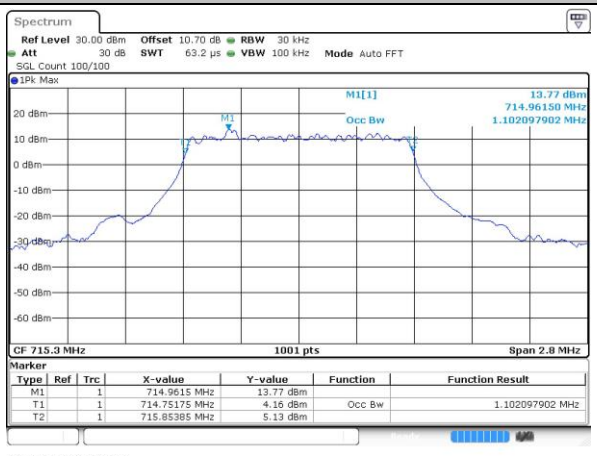
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

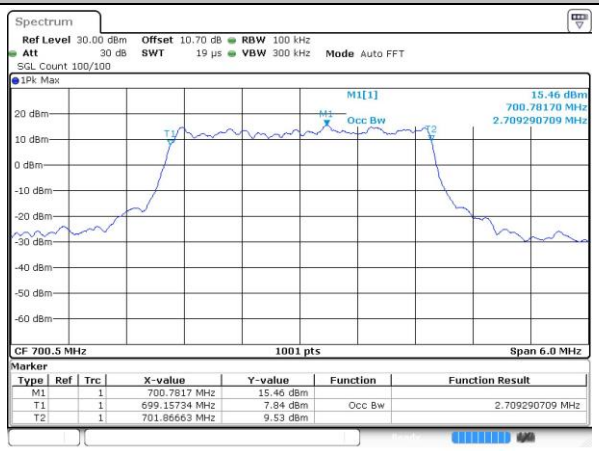


Highest Channel / 1.4MHz / 16QAM

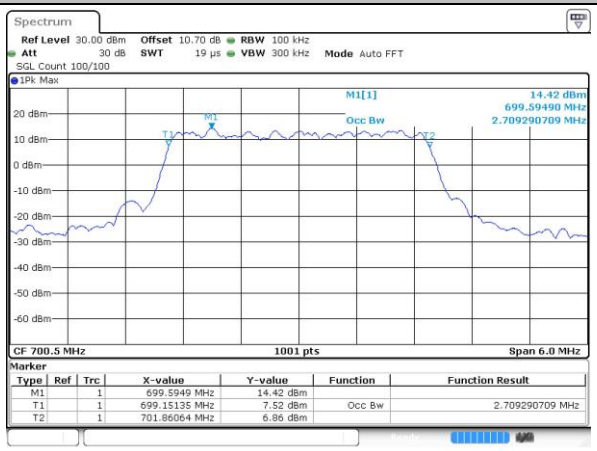


LTE Band 12

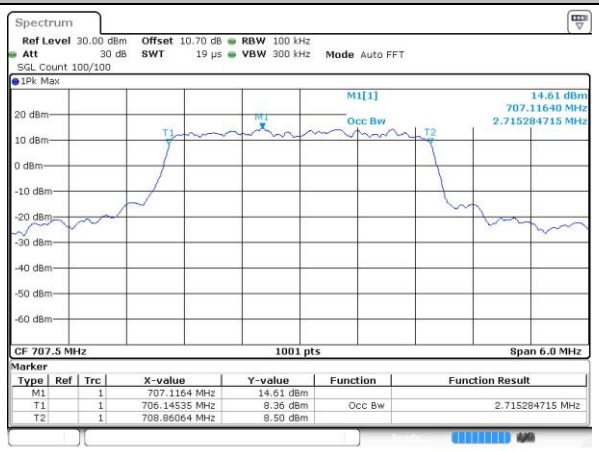
Lowest Channel / 3MHz / QPSK



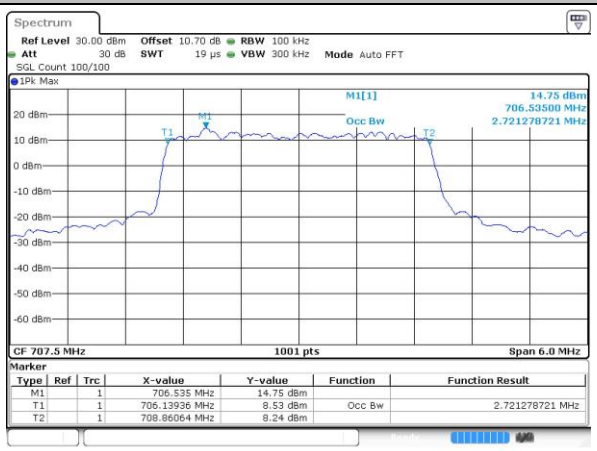
Lowest Channel / 3MHz / 16QAM



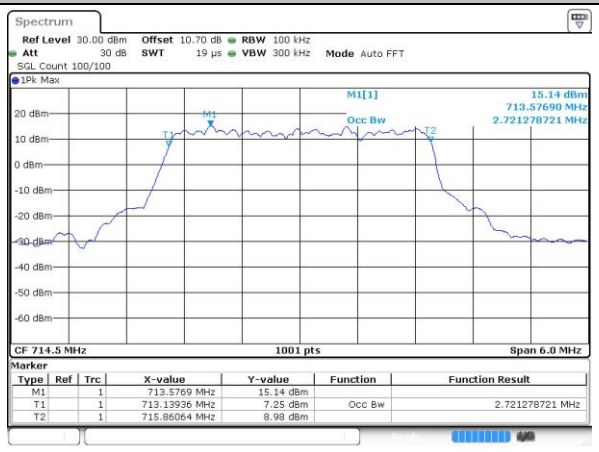
Middle Channel / 3MHz / QPSK



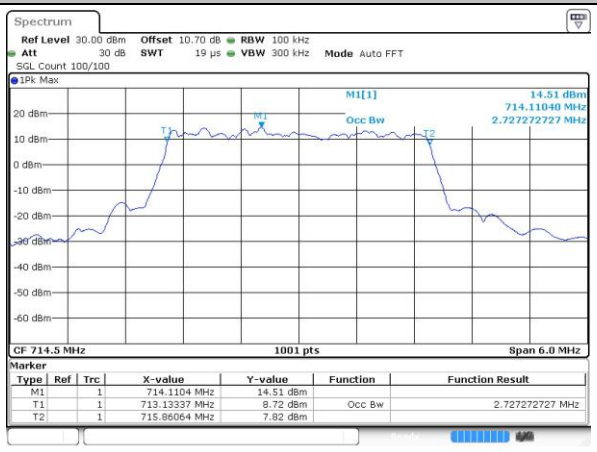
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

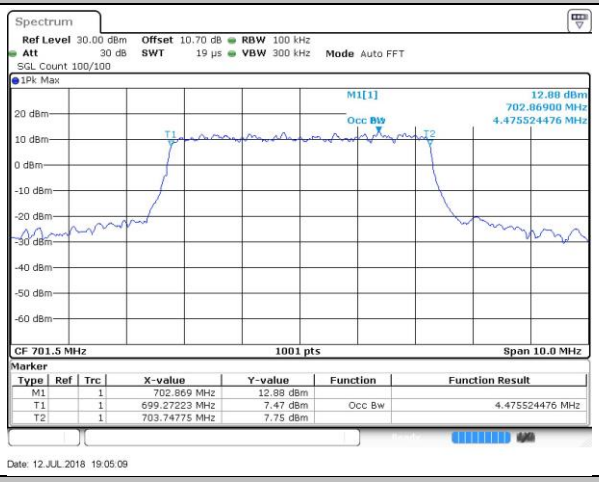


Highest Channel / 3MHz / 16QAM

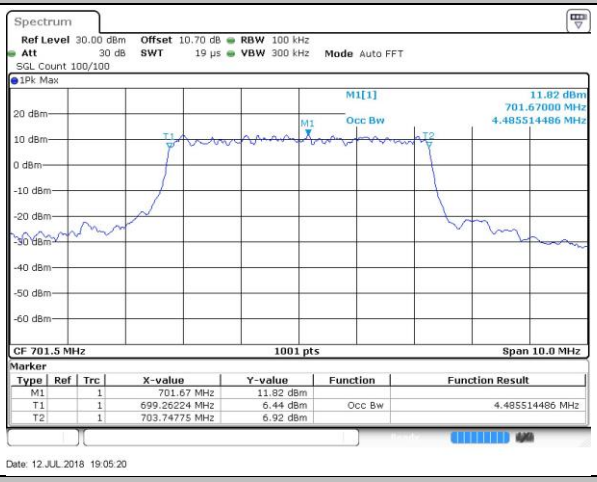


LTE Band 12

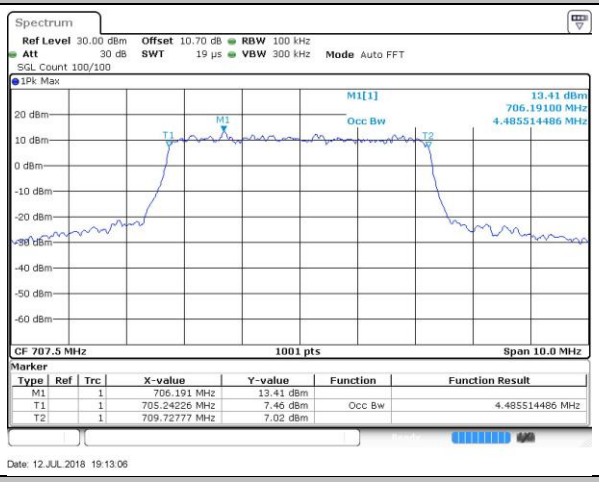
Lowest Channel / 5MHz / QPSK



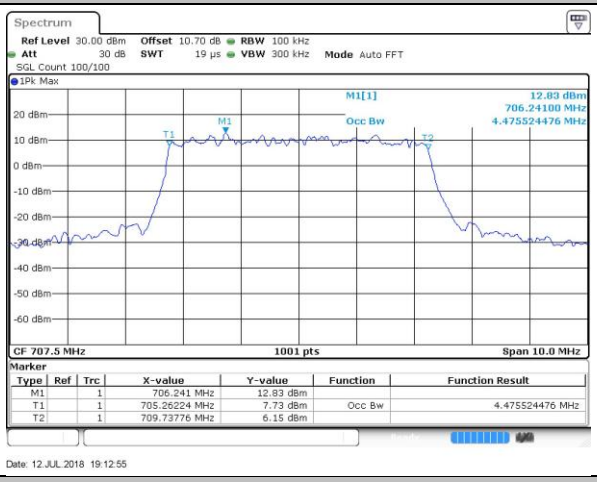
Lowest Channel / 5MHz / 16QAM



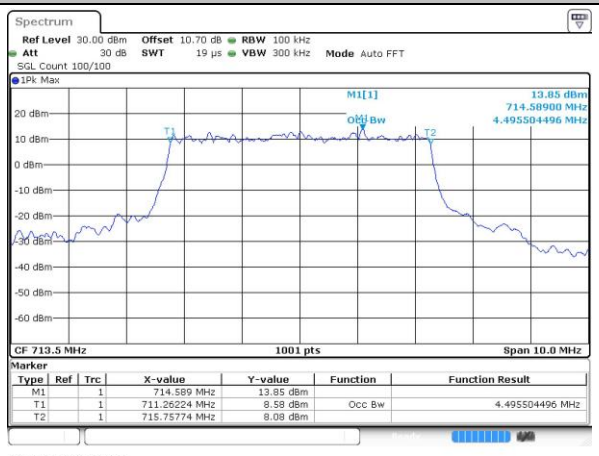
Middle Channel / 5MHz / QPSK



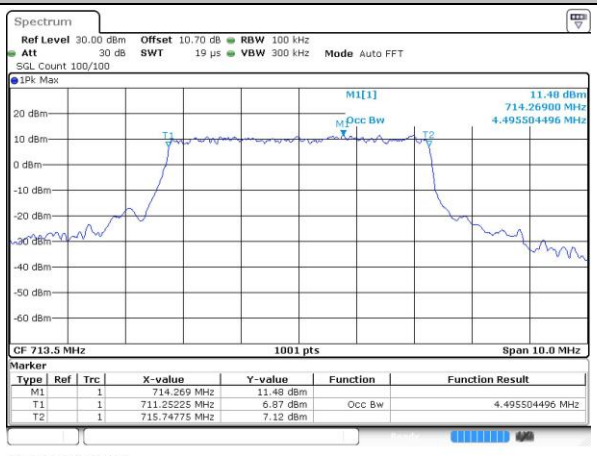
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

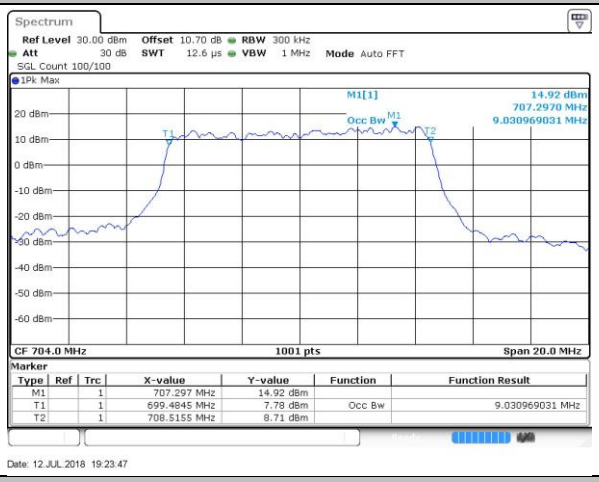


Highest Channel / 5MHz / 16QAM

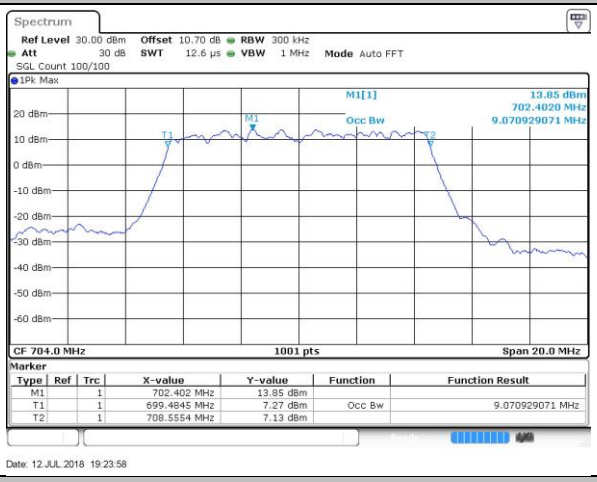


LTE Band 12

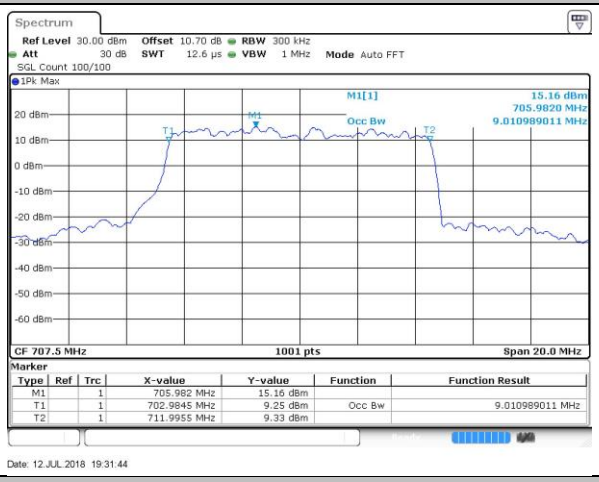
Lowest Channel / 10MHz / QPSK



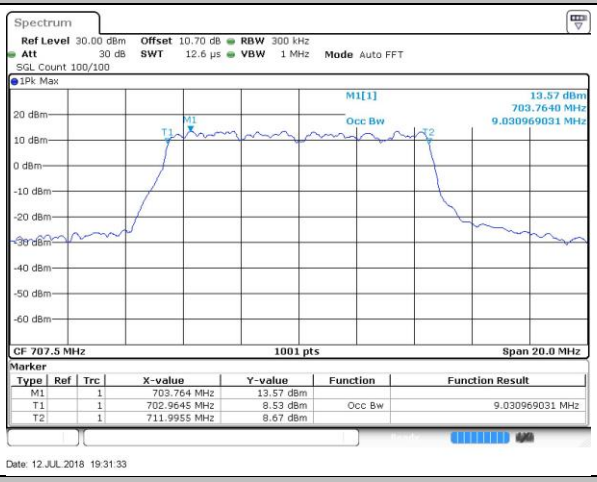
Lowest Channel / 10MHz / 16QAM



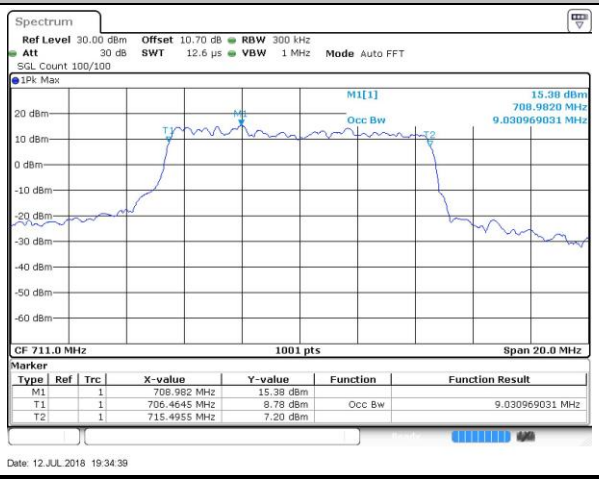
Middle Channel / 10MHz / QPSK



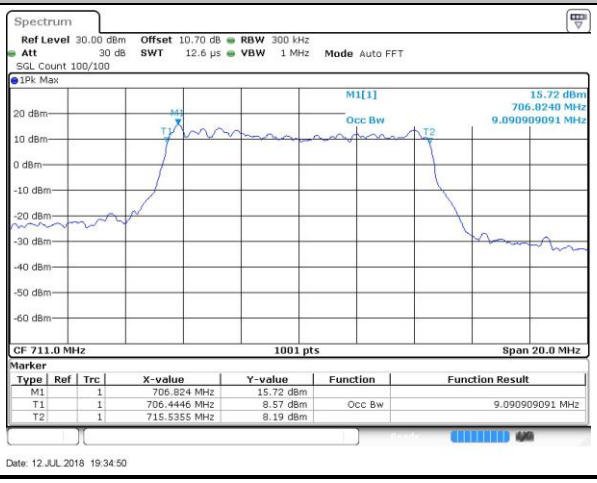
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



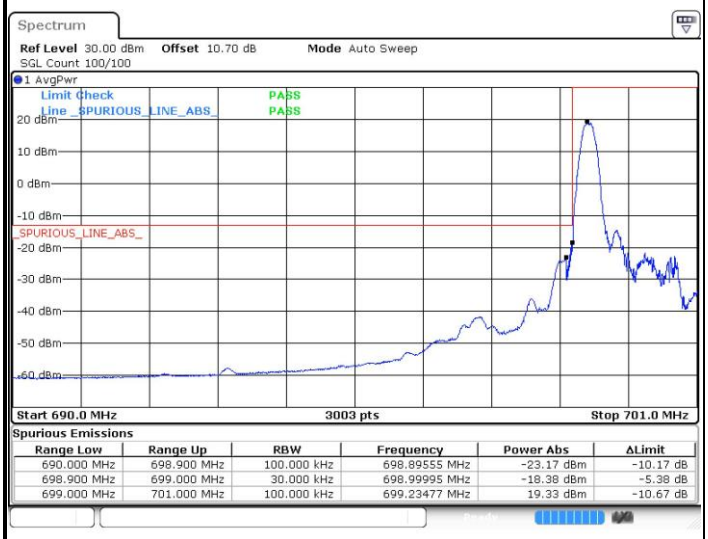
Highest Channel / 10MHz / 16QAM



Conducted Band Edge

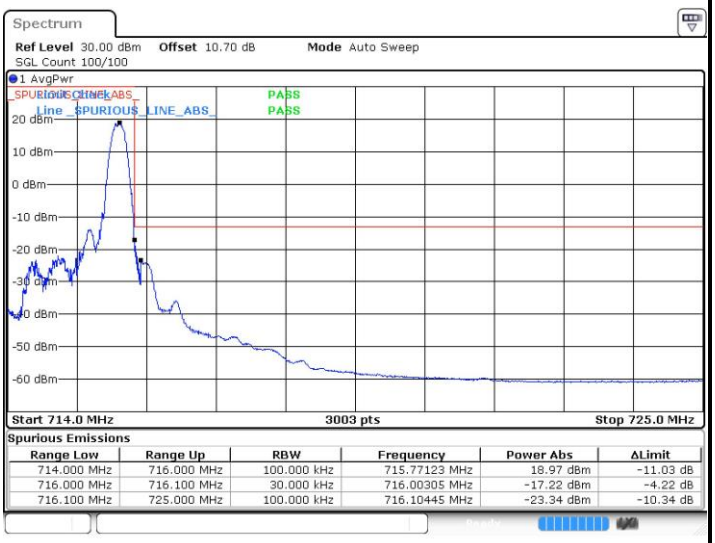
LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1 RB



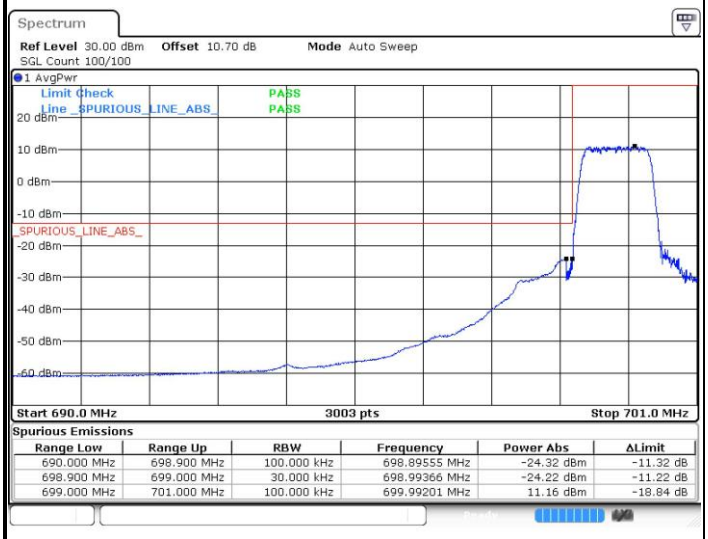
Date: 12.JUL.2018 19:47:38

Highest Band Edge / 1RB



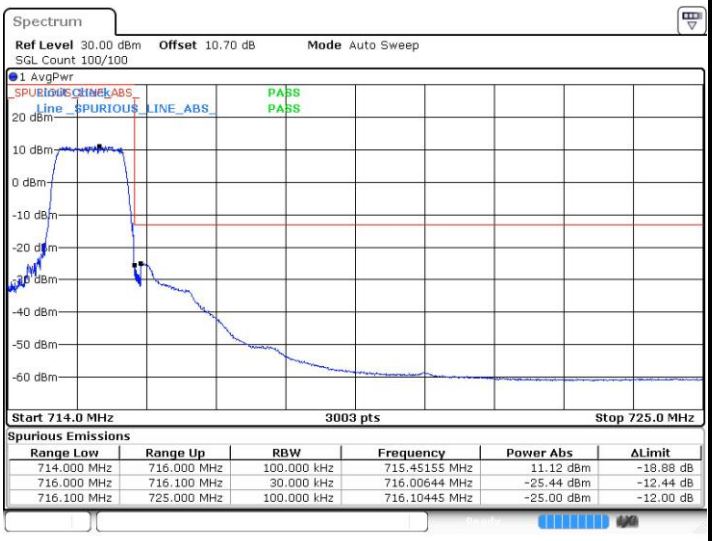
Date: 12.JUL.2018 19:58:31

Lowest Band Edge / Full RB

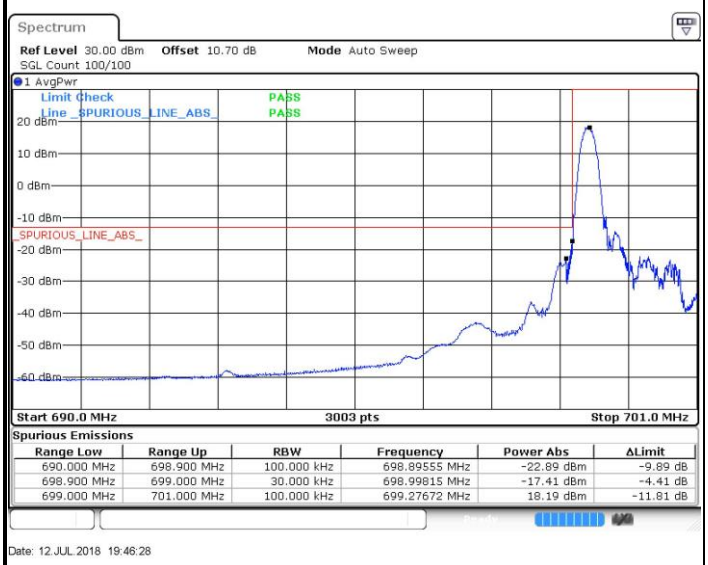
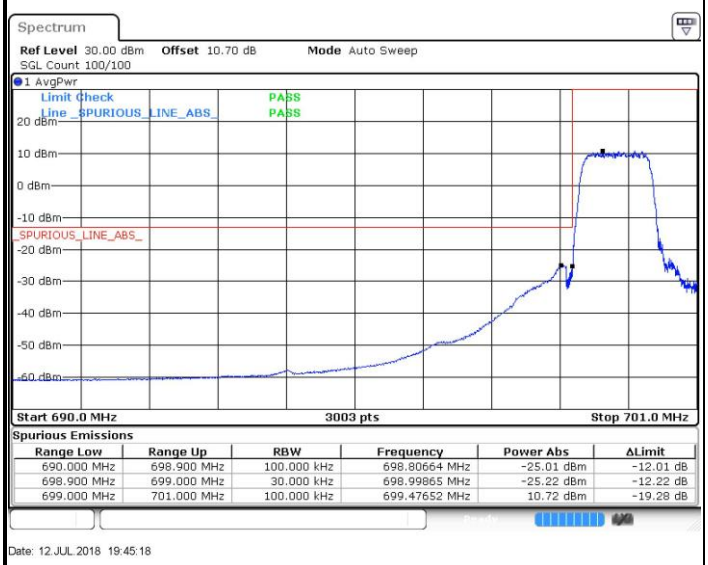
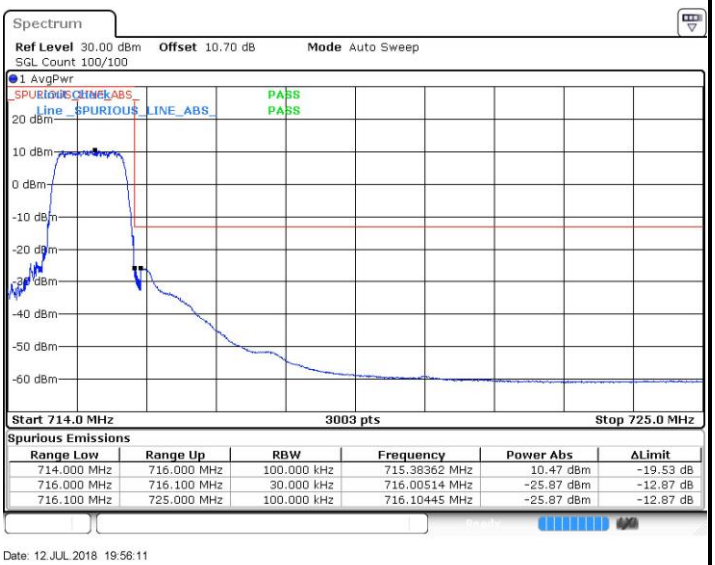


Date: 12.JUL.2018 19:44:08

Highest Band Edge / Full RB

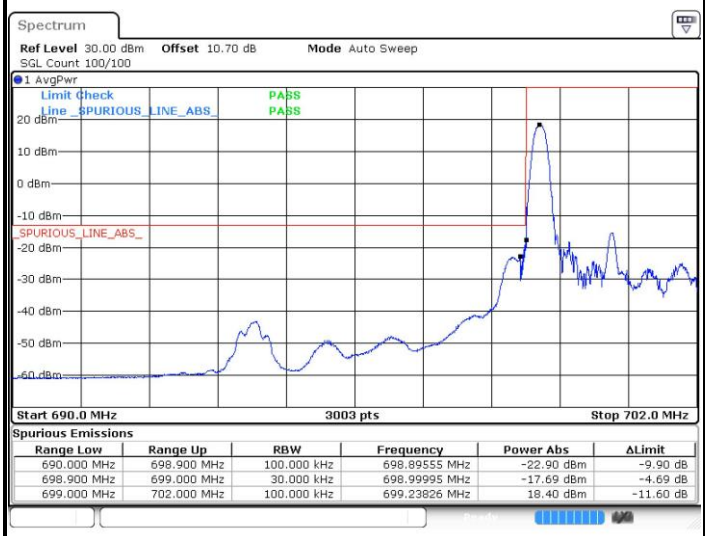


Date: 12.JUL.2018 19:55:01

LTE Band 12 / 1.4MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB

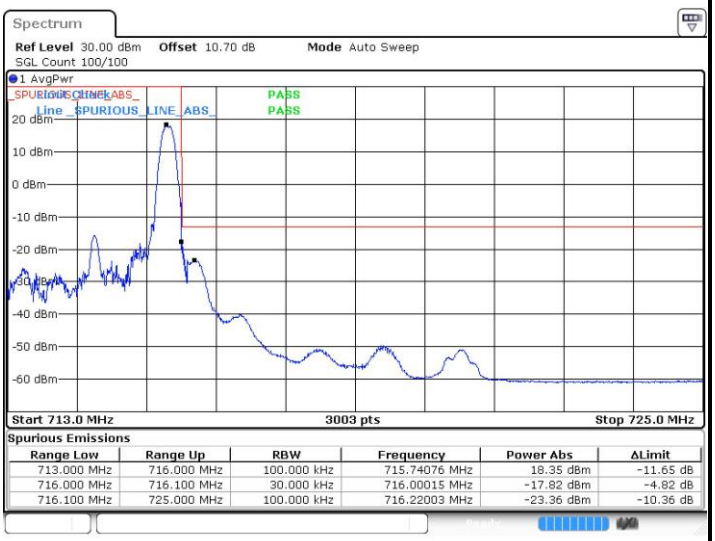


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-22.90 dBm	-9.90 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-17.69 dBm	-4.69 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.23826 MHz	18.40 dBm	-11.60 dB

Date: 12.JUL.2018 18:51:45

Highest Band Edge / 1 RB

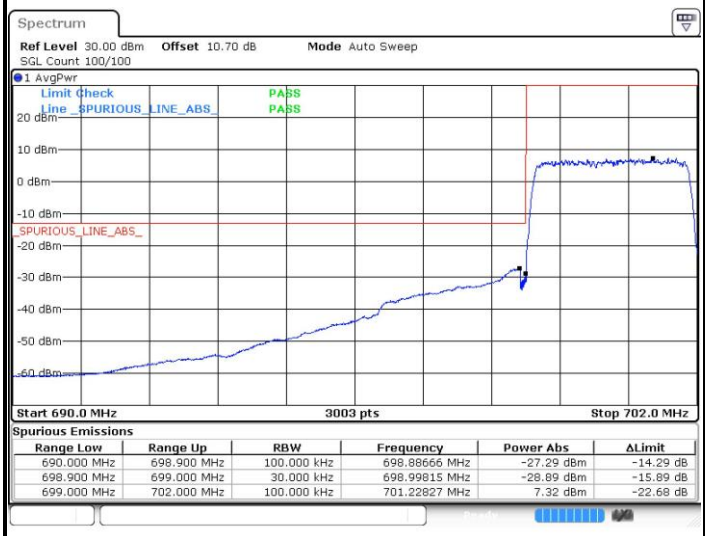


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.74076 MHz	18.35 dBm	-11.65 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00015 MHz	-17.82 dBm	-4.82 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.22003 MHz	-23.36 dBm	-10.36 dB

Date: 12.JUL.2018 19:02:37

Lowest Band Edge / Full RB

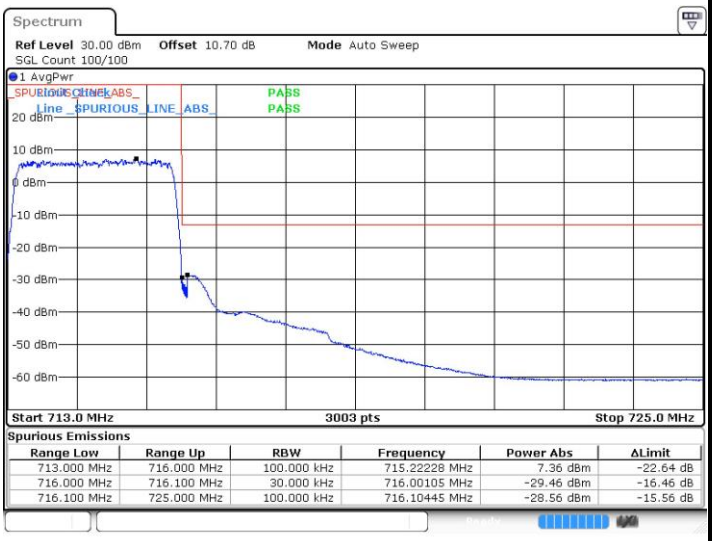


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-27.29 dBm	-14.29 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99815 MHz	-28.89 dBm	-15.89 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.22827 MHz	7.32 dBm	-22.68 dB

Date: 12.JUL.2018 18:48:14

Highest Band Edge / Full RB



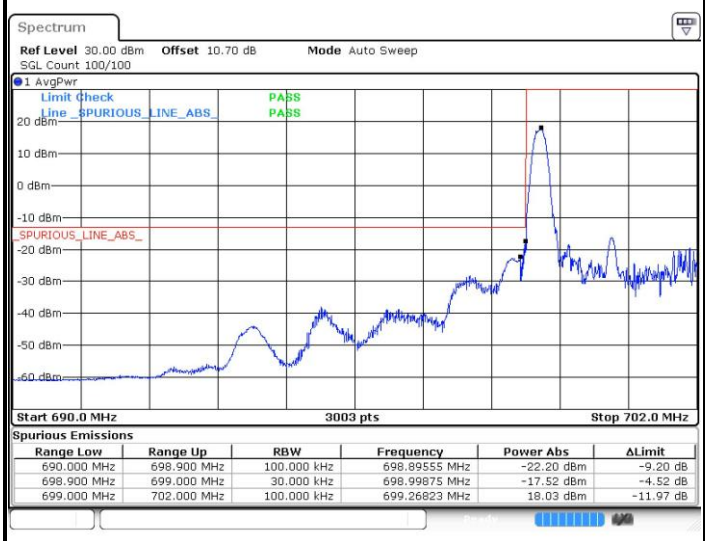
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.22228 MHz	7.36 dBm	-22.64 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00105 MHz	-29.46 dBm	-16.46 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.56 dBm	-15.56 dB

Date: 12.JUL.2018 18:59:06

LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

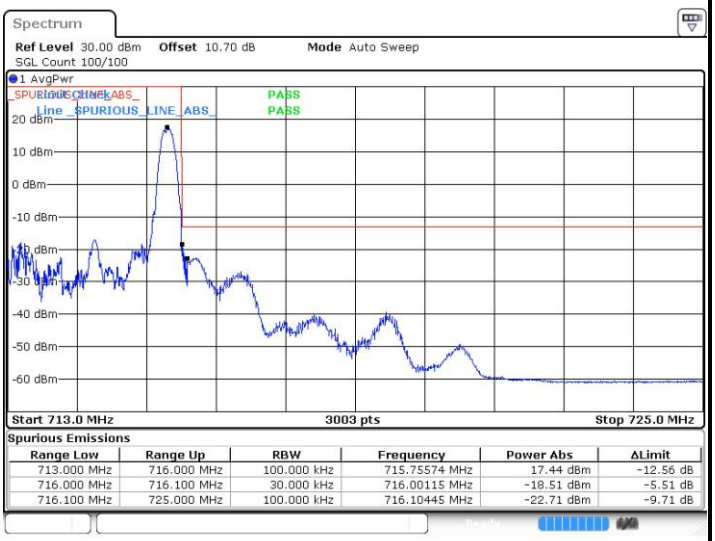


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-22.20 dBm	-9.20 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99875 MHz	-17.52 dBm	-4.52 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.26823 MHz	18.03 dBm	-11.97 dB

Date: 12.JUL.2018 18:50:35

Highest Band Edge / 1 RB

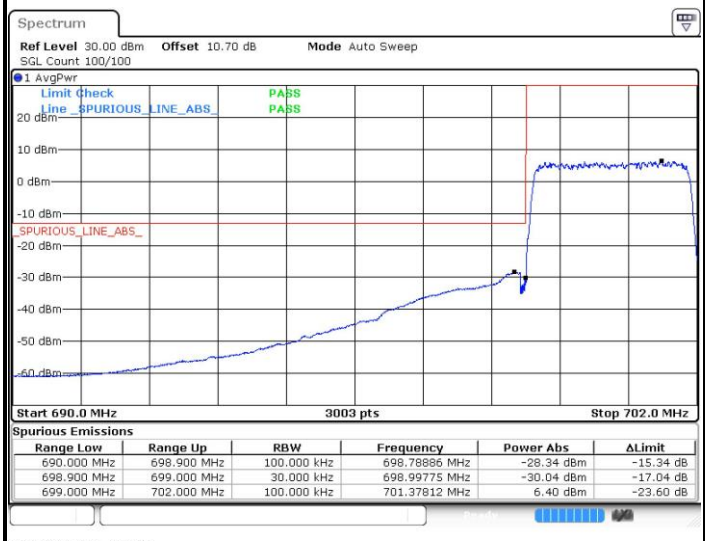


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.75574 MHz	17.44 dBm	-12.56 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00115 MHz	-18.51 dBm	-5.51 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-22.71 dBm	-9.71 dB

Date: 12.JUL.2018 19:01:26

Lowest Band Edge / Full RB

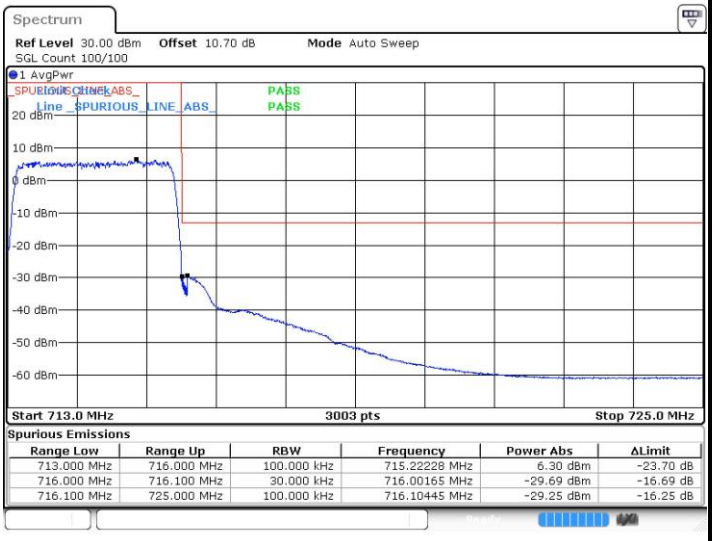


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.78886 MHz	-28.34 dBm	-15.34 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99775 MHz	-30.04 dBm	-17.04 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.37812 MHz	6.40 dBm	-23.60 dB

Date: 12.JUL.2018 18:49:24

Highest Band Edge / Full RB



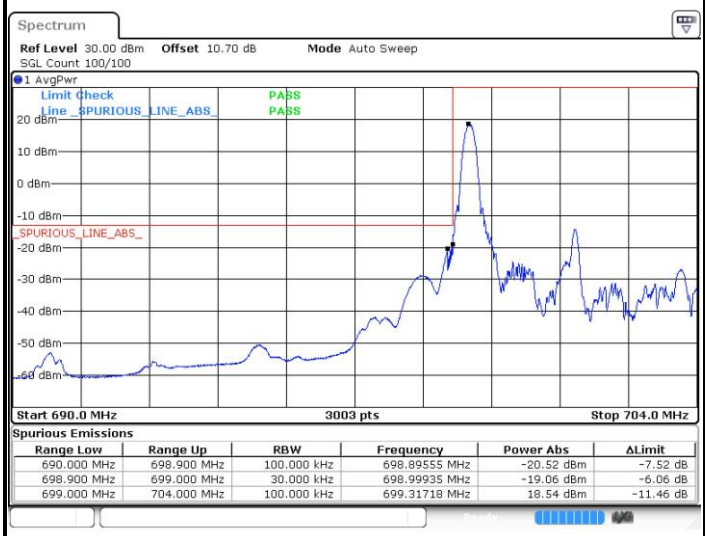
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.22228 MHz	6.30 dBm	-23.70 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00165 MHz	-29.69 dBm	-16.69 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.25 dBm	-16.25 dB

Date: 12.JUL.2018 19:00:16

LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB

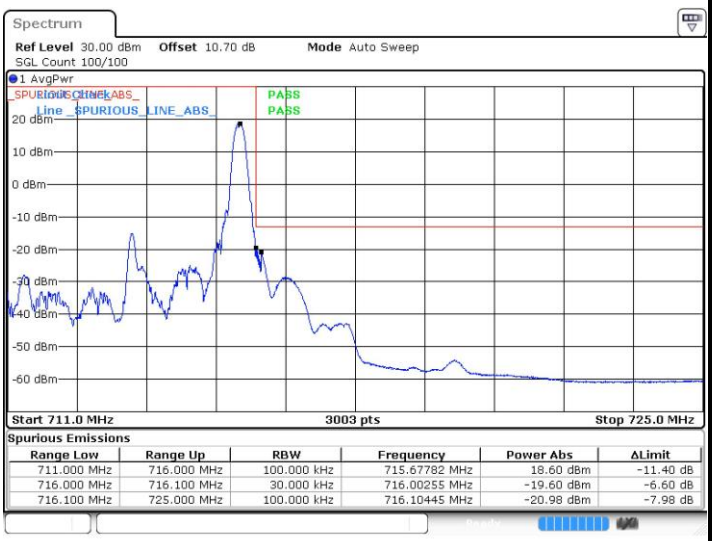


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-20.52 dBm	-7.52 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99935 MHz	-19.06 dBm	-6.06 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.31718 MHz	18.54 dBm	-11.46 dB

Date: 12.JUL.2018 19:10:23

Highest Band Edge / 1 RB

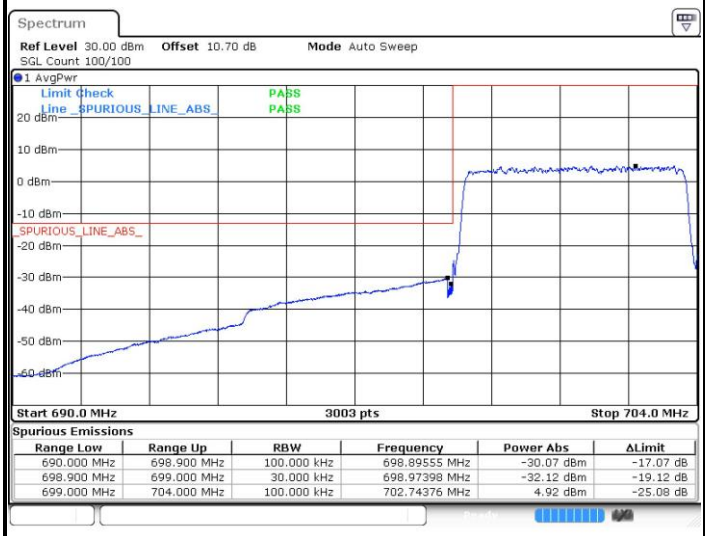


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.67782 MHz	18.60 dBm	-11.40 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00255 MHz	-19.60 dBm	-6.60 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-20.98 dBm	-7.98 dB

Date: 12.JUL.2018 19:20:05

Lowest Band Edge / Full RB

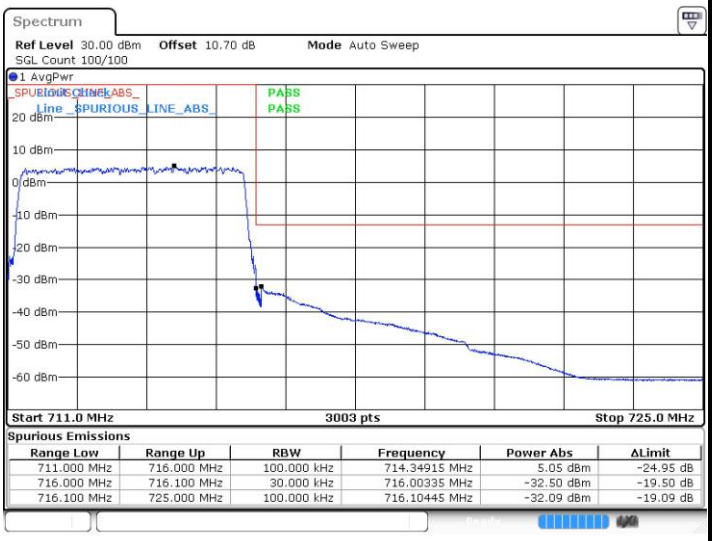


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.07 dBm	-17.07 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.97398 MHz	-32.12 dBm	-19.12 dB
699.000 MHz	704.000 MHz	100.000 kHz	702.74376 MHz	4.92 dBm	-25.08 dB

Date: 12.JUL.2018 19:06:53

Highest Band Edge / Full RB



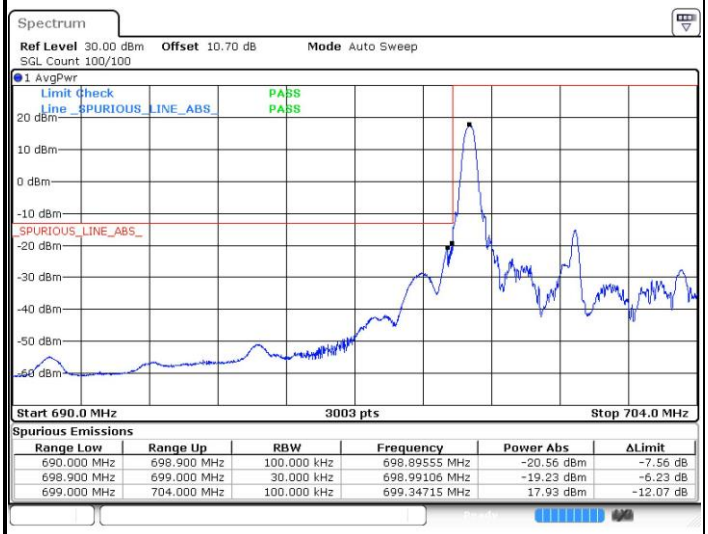
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	714.34915 MHz	5.05 dBm	-24.95 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00335 MHz	-32.50 dBm	-19.50 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.09 dBm	-19.09 dB

Date: 12.JUL.2018 19:17:45

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	698.89555 MHz	-20.56 dBm	-7.56 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99106 MHz	-19.23 dBm	-6.23 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.34715 MHz	17.93 dBm	-12.07 dB

Date: 12.JUL.2018 19:09:13

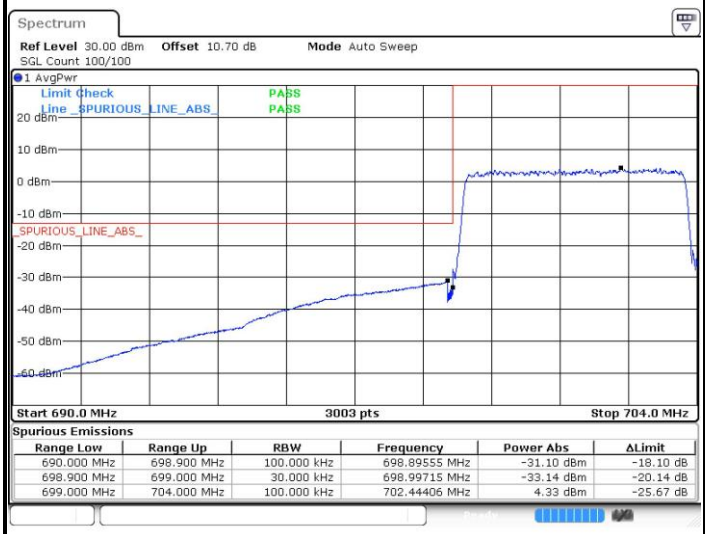
Highest Band Edge / 1 RB

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.67782 MHz	17.51 dBm	-12.49 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00335 MHz	-20.03 dBm	-7.03 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-20.92 dBm	-7.92 dB

Date: 12.JUL.2018 19:21:15

Lowest Band Edge / Full RB

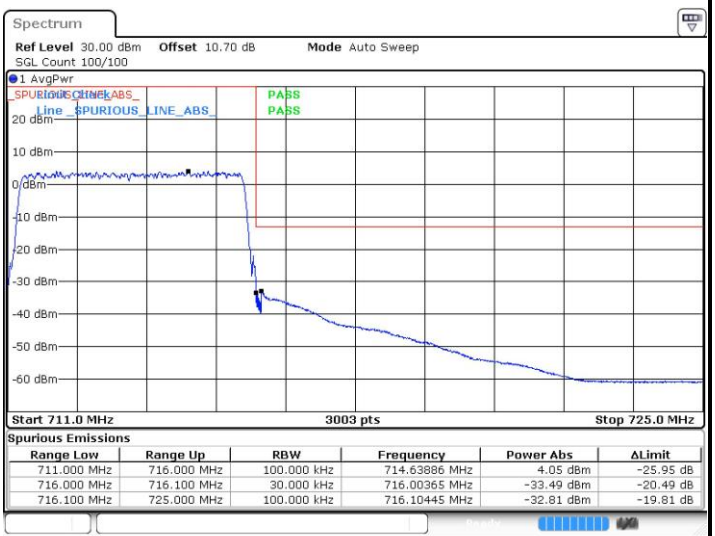


Spurious Emissions

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	698.99715 MHz	-33.14 dBm	-20.14 dB
699.000 MHz	704.000 MHz	100.000 kHz	702.44406 MHz	4.33 dBm	-25.67 dB

Date: 12.JUL.2018 19:08:03

Highest Band Edge / Full RB



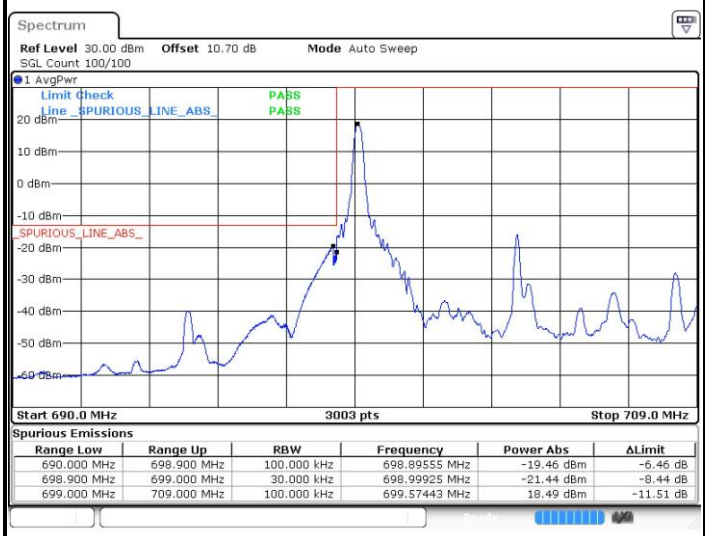
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	714.63886 MHz	4.05 dBm	-25.95 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00365 MHz	-33.49 dBm	-20.49 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.81 dBm	-19.81 dB

Date: 12.JUL.2018 19:18:55

LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB

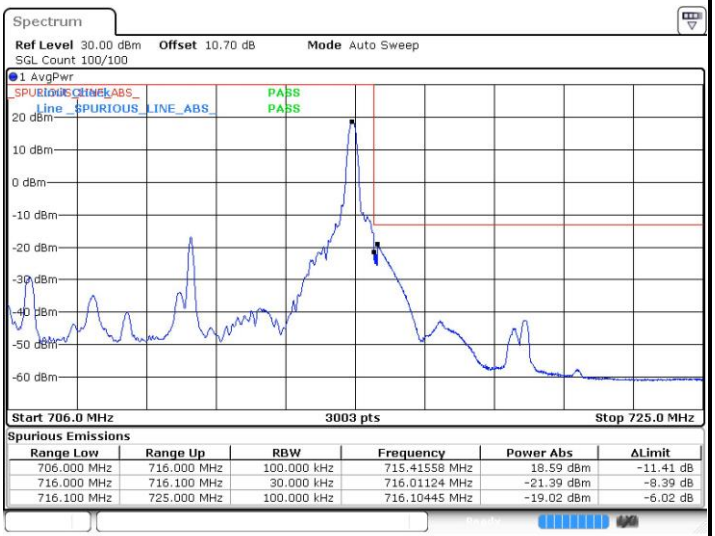


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-19.46 dBm	-6.46 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99925 MHz	-21.44 dBm	-8.44 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.57443 MHz	18.49 dBm	-11.51 dB

Date: 12.JUL.2018 19:29:01

Highest Band Edge / 1 RB

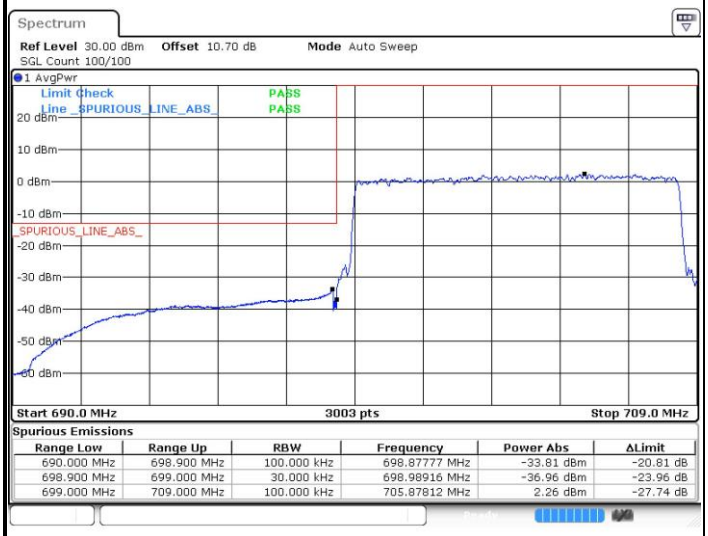


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.41558 MHz	18.59 dBm	-11.41 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01124 MHz	-21.39 dBm	-8.39 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-19.02 dBm	-6.02 dB

Date: 12.JUL.2018 19:39:53

Lowest Band Edge / Full RB

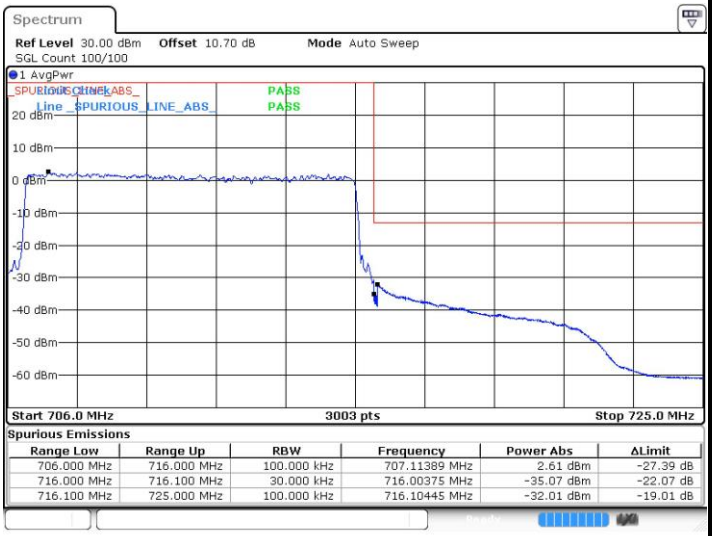


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.87777 MHz	-33.81 dBm	-20.81 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98916 MHz	-36.96 dBm	-23.96 dB
699.000 MHz	709.000 MHz	100.000 kHz	705.87812 MHz	2.26 dBm	-27.74 dB

Date: 12.JUL.2018 19:25:31

Highest Band Edge / Full RB



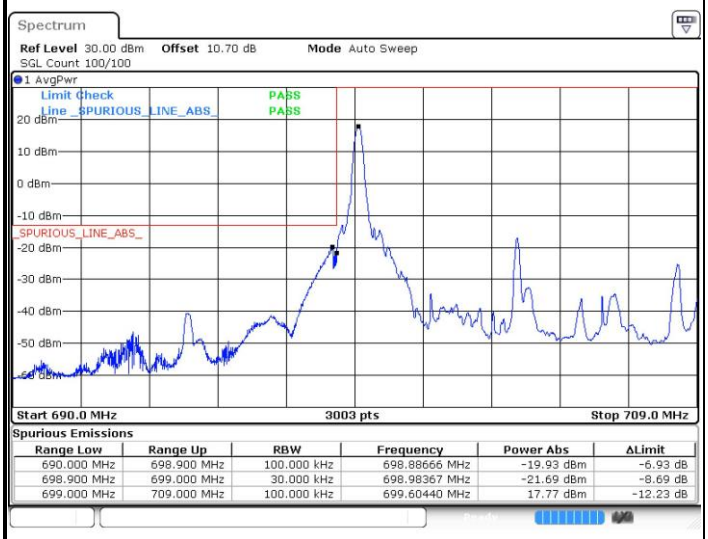
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	707.11389 MHz	2.61 dBm	-27.39 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00375 MHz	-35.07 dBm	-22.07 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.01 dBm	-19.01 dB

Date: 12.JUL.2018 19:36:23

LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

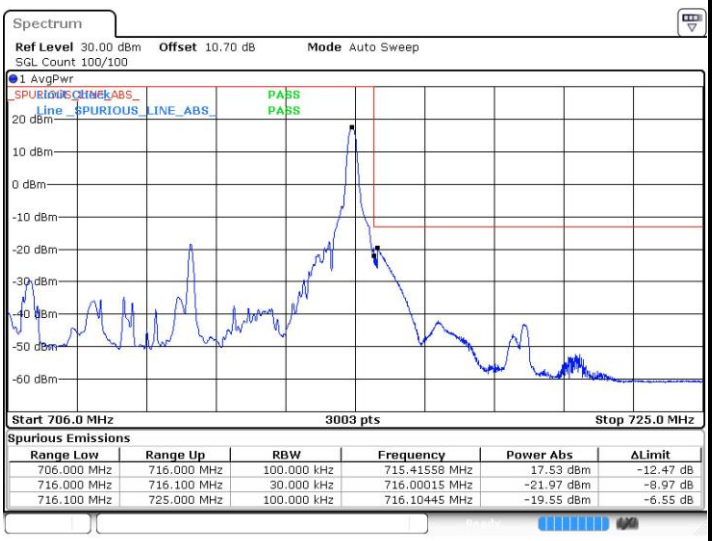


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-19.93 dBm	-6.93 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98367 MHz	-21.69 dBm	-8.69 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.60440 MHz	17.77 dBm	-12.23 dB

Date: 12.JUL.2018 19:27:51

Highest Band Edge / 1 RB

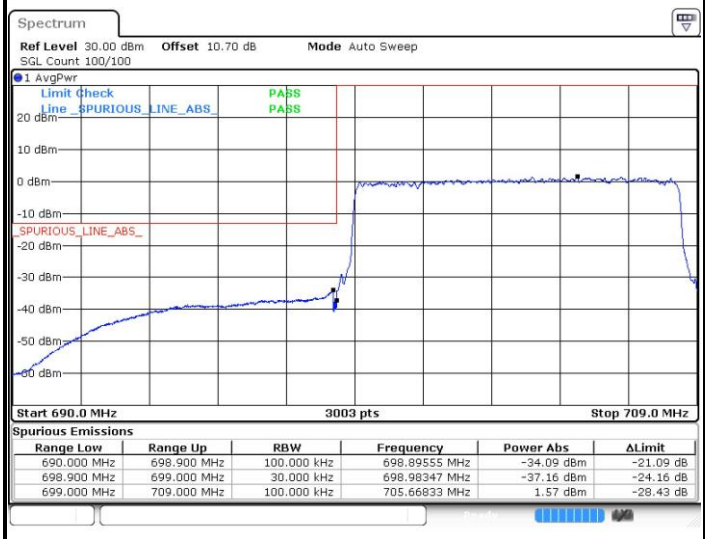


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.41558 MHz	17.53 dBm	-12.47 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00015 MHz	-21.97 dBm	-8.97 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-19.55 dBm	-6.55 dB

Date: 12.JUL.2018 19:38:43

Lowest Band Edge / Full RB

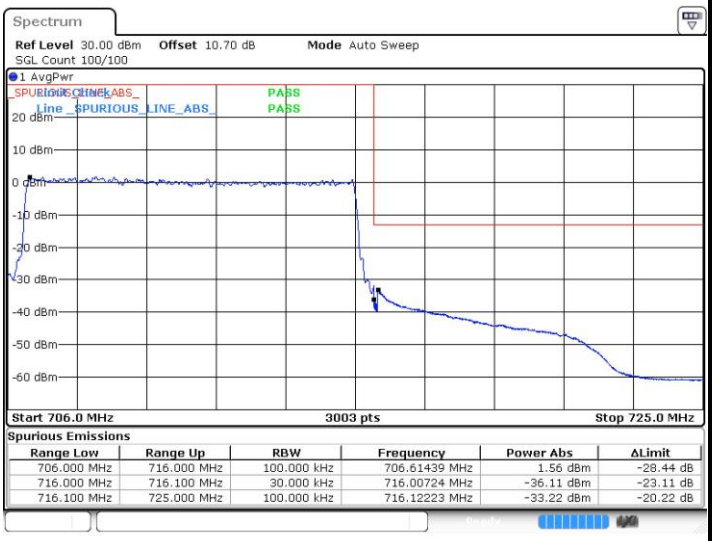


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-34.09 dBm	-21.09 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98347 MHz	-37.16 dBm	-24.16 dB
699.000 MHz	709.000 MHz	100.000 kHz	705.66833 MHz	1.57 dBm	-28.43 dB

Date: 12.JUL.2018 19:26:41

Highest Band Edge / Full RB



Spurious Emissions

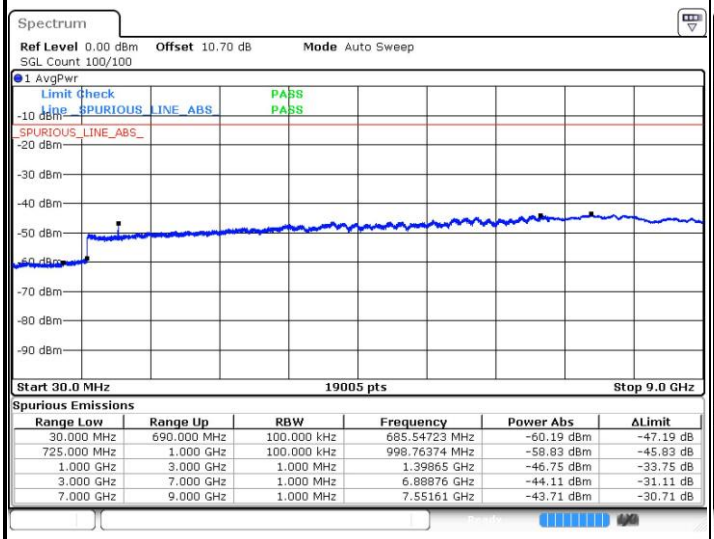
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	706.61439 MHz	1.56 dBm	-28.44 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00724 MHz	-36.11 dBm	-23.11 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.12223 MHz	-33.22 dBm	-20.22 dB

Date: 12.JUL.2018 19:37:33

Conducted Spurious Emission

LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

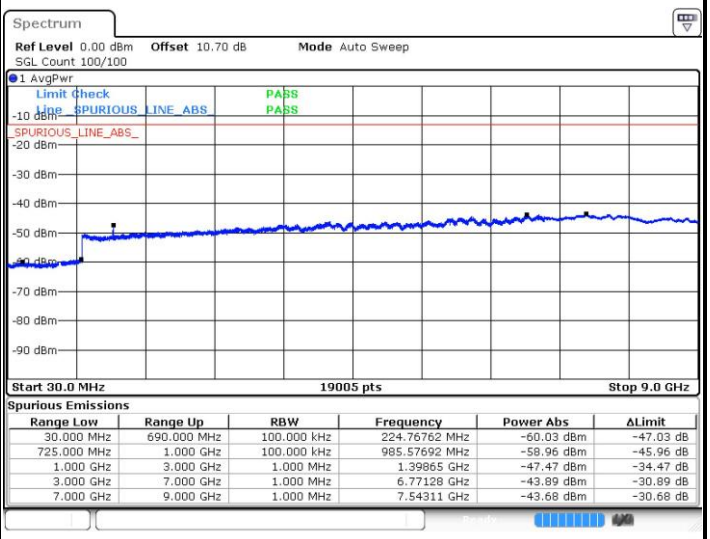


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.54723 MHz	-60.19 dBm	-47.19 dB
725.000 MHz	1.000 GHz	100.000 kHz	998.76374 MHz	-58.83 dBm	-45.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-46.75 dBm	-33.75 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88876 GHz	-44.11 dBm	-31.11 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55161 GHz	-43.71 dBm	-30.71 dB

Date: 12.JUL.2018 19:48:49

Lowest Channel / 16QAM

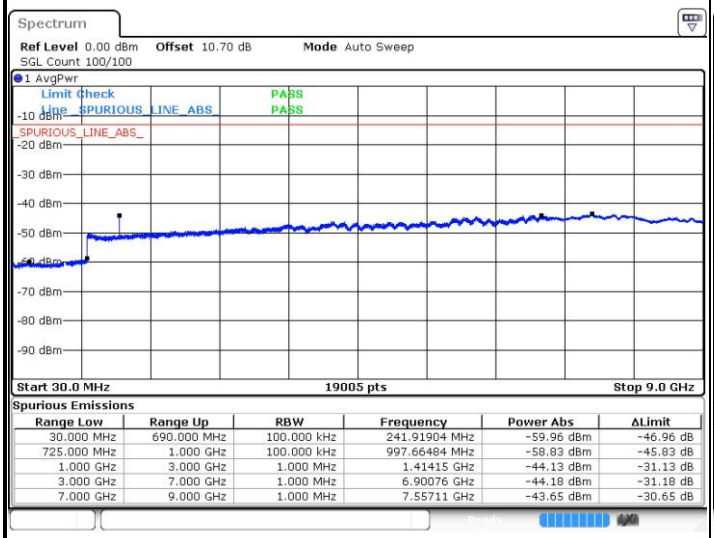


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	224.76762 MHz	-60.03 dBm	-47.03 dB
725.000 MHz	1.000 GHz	100.000 kHz	985.57692 MHz	-58.96 dBm	-45.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-47.47 dBm	-34.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.77128 GHz	-43.89 dBm	-30.89 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54311 GHz	-43.68 dBm	-30.68 dB

Date: 12.JUL.2018 19:49:59

Middle Channel / QPSK

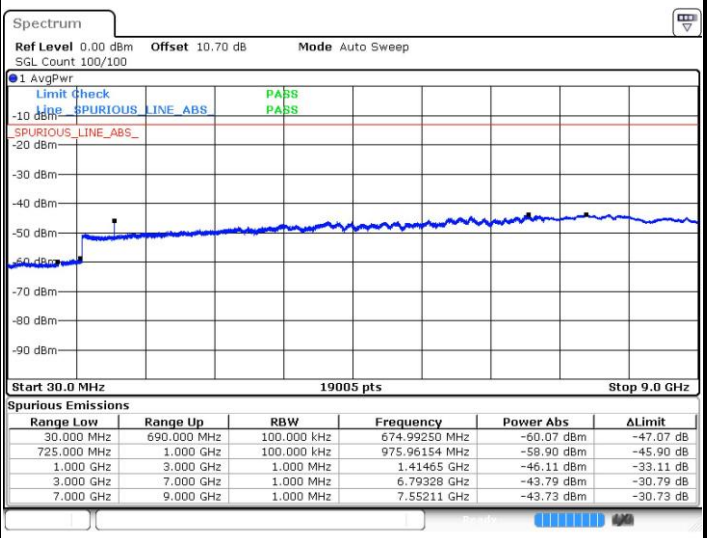


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	241.91904 MHz	-59.96 dBm	-46.96 dB
725.000 MHz	1.000 GHz	100.000 kHz	997.66484 MHz	-58.83 dBm	-45.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41415 GHz	-44.13 dBm	-31.13 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90076 GHz	-44.18 dBm	-31.18 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55711 GHz	-43.65 dBm	-30.65 dB

Date: 12.JUL.2018 19:53:05

Middle Channel / 16QAM



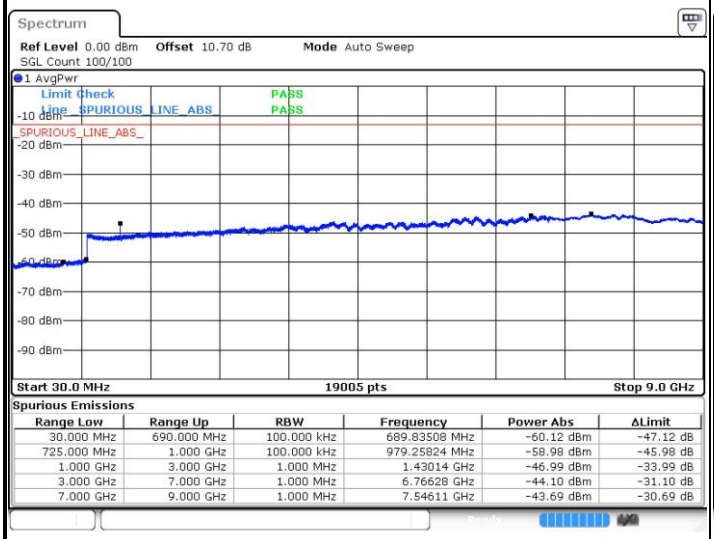
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	674.99250 MHz	-60.07 dBm	-47.07 dB
725.000 MHz	1.000 GHz	100.000 kHz	975.96154 MHz	-58.90 dBm	-45.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41465 GHz	-46.11 dBm	-33.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79328 GHz	-43.79 dBm	-30.79 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55211 GHz	-43.73 dBm	-30.73 dB

Date: 12.JUL.2018 19:51:55

LTE Band 12 / 1.4MHz

Highest Channel / QPSK

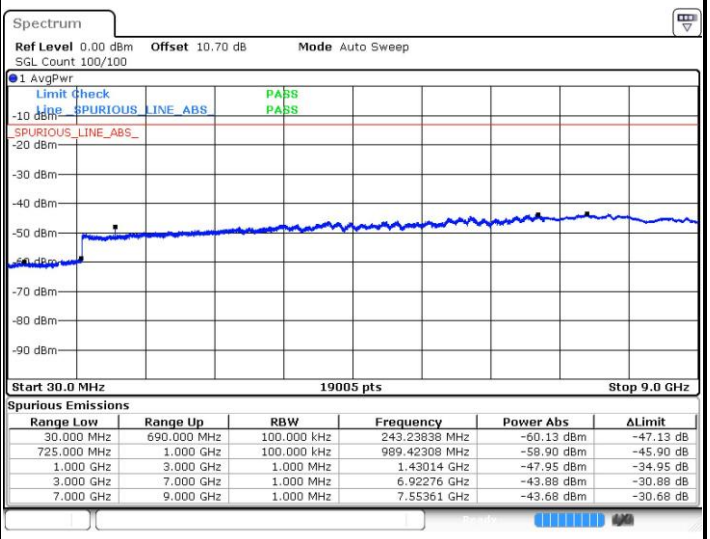


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.83508 MHz	-60.12 dBm	-47.12 dB
725.000 MHz	1.000 GHz	100.000 kHz	979.25824 MHz	-58.98 dBm	-45.98 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-46.99 dBm	-33.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.76628 GHz	-44.10 dBm	-31.10 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54611 GHz	-43.69 dBm	-30.69 dB

Date: 12.JUL.2018 19:59:42

Highest Channel / 16QAM



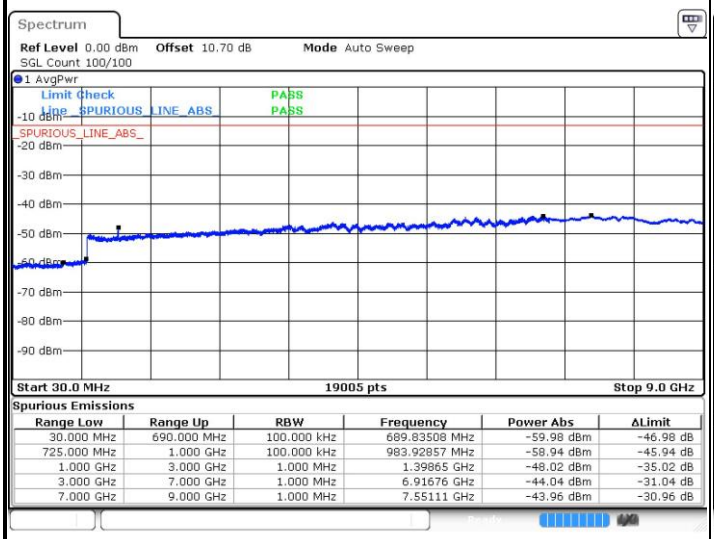
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	243.23838 MHz	-60.13 dBm	-47.13 dB
725.000 MHz	1.000 GHz	100.000 kHz	989.42308 MHz	-58.90 dBm	-45.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-47.95 dBm	-34.95 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92276 GHz	-43.88 dBm	-30.88 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55361 GHz	-43.68 dBm	-30.68 dB

Date: 12.JUL.2018 20:00:52

LTE Band 12 / 3MHz

Lowest Channel / QPSK

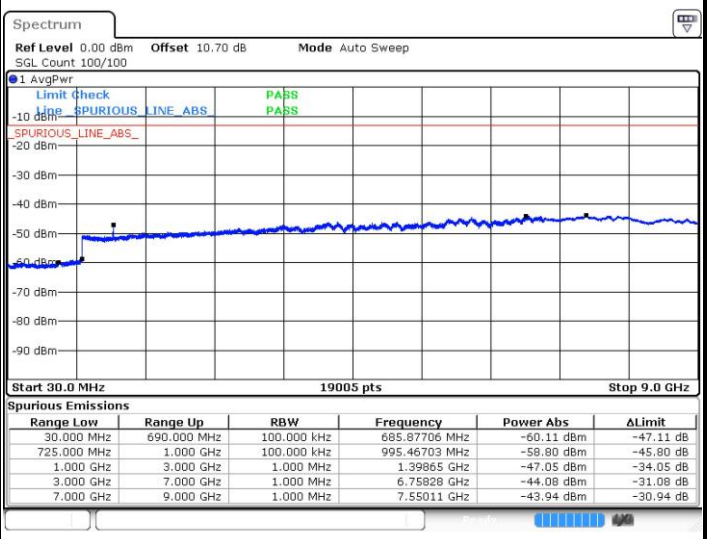


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.83508 MHz	-59.98 dBm	-46.98 dB
725.000 MHz	1.000 GHz	100.000 kHz	983.92857 MHz	-58.94 dBm	-45.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-48.02 dBm	-35.02 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91676 GHz	-44.04 dBm	-31.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55111 GHz	-43.96 dBm	-30.96 dB

Date: 12.JUL.2018 18:52:55

Lowest Channel / 16QAM



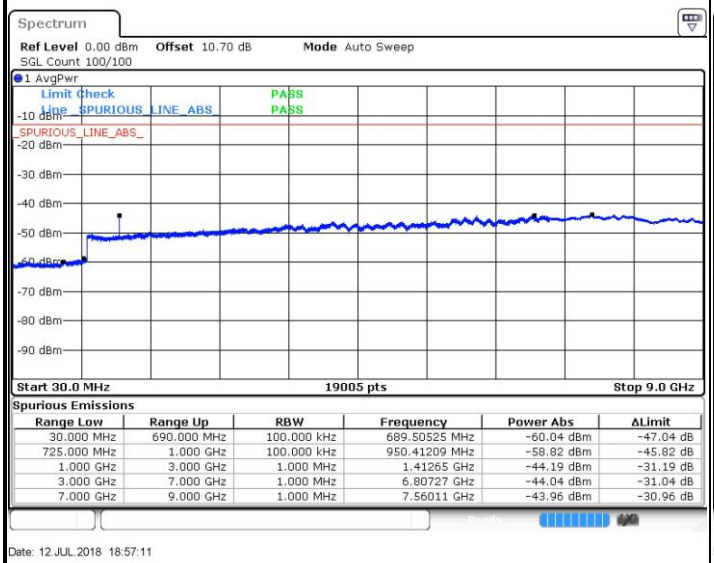
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.87706 MHz	-60.11 dBm	-47.11 dB
725.000 MHz	1.000 GHz	100.000 kHz	995.46703 MHz	-58.80 dBm	-45.80 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-47.05 dBm	-34.05 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.75828 GHz	-44.08 dBm	-31.08 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55011 GHz	-43.94 dBm	-30.94 dB

Date: 12.JUL.2018 18:54:05

LTE Band 12 / 3MHz

Middle Channel / QPSK

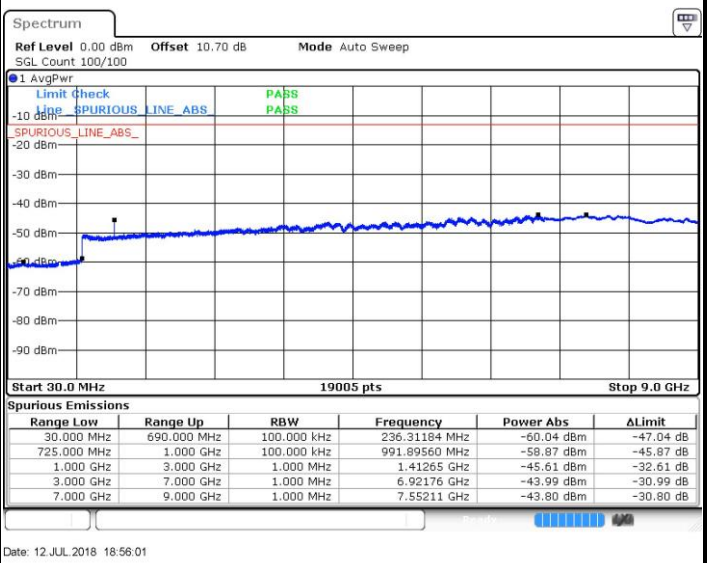


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.50525 MHz	-60.04 dBm	-47.04 dB
725.000 MHz	1.000 GHz	100.000 kHz	950.41209 MHz	-58.82 dBm	-45.82 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-44.19 dBm	-31.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80727 GHz	-44.04 dBm	-31.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.56011 GHz	-43.96 dBm	-30.96 dB

Date: 12.JUL.2018 18:57:11

Middle Channel / 16QAM

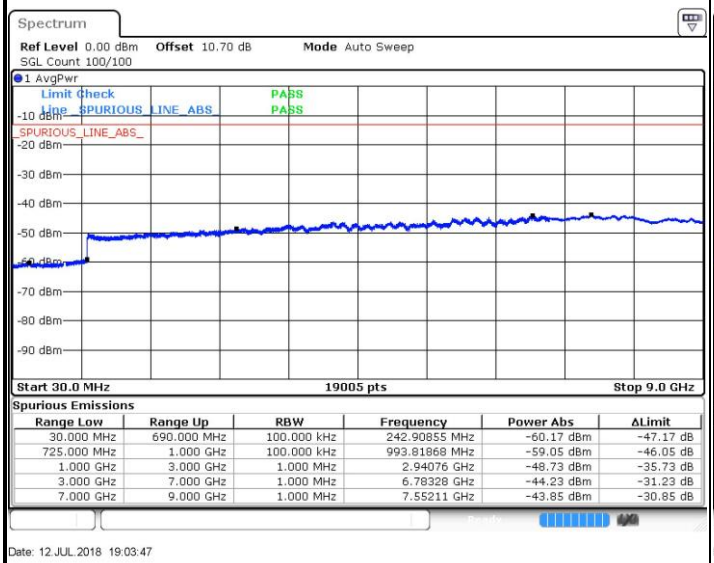


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	236.31184 MHz	-60.04 dBm	-47.04 dB
725.000 MHz	1.000 GHz	100.000 kHz	991.89560 MHz	-58.87 dBm	-45.87 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-45.61 dBm	-32.61 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92176 GHz	-43.99 dBm	-30.99 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55211 GHz	-43.80 dBm	-30.80 dB

Date: 12.JUL.2018 18:56:01

Highest Channel / QPSK

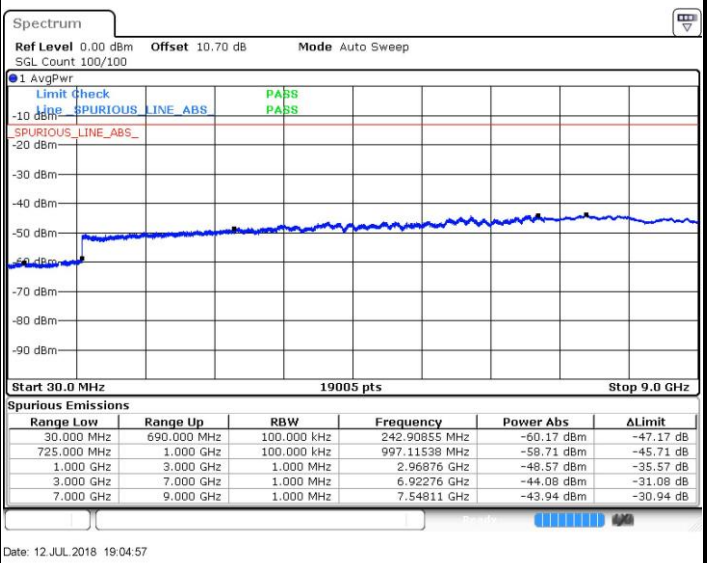


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	242.90855 MHz	-60.17 dBm	-47.17 dB
725.000 MHz	1.000 GHz	100.000 kHz	993.81868 MHz	-59.05 dBm	-46.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.94076 GHz	-48.73 dBm	-35.73 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78328 GHz	-44.23 dBm	-31.23 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55211 GHz	-43.85 dBm	-30.85 dB

Date: 12.JUL.2018 19:03:47

Highest Channel / 16QAM



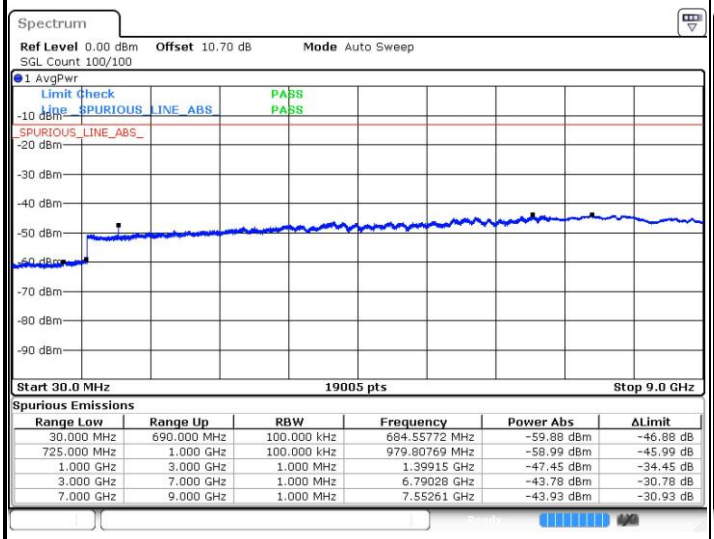
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	242.90855 MHz	-60.17 dBm	-47.17 dB
725.000 MHz	1.000 GHz	100.000 kHz	997.11538 MHz	-58.71 dBm	-45.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96876 GHz	-48.57 dBm	-35.57 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92276 GHz	-44.08 dBm	-31.08 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54811 GHz	-43.94 dBm	-30.94 dB

Date: 12.JUL.2018 19:04:57

LTE Band 12 / 5MHz

Lowest Channel / QPSK

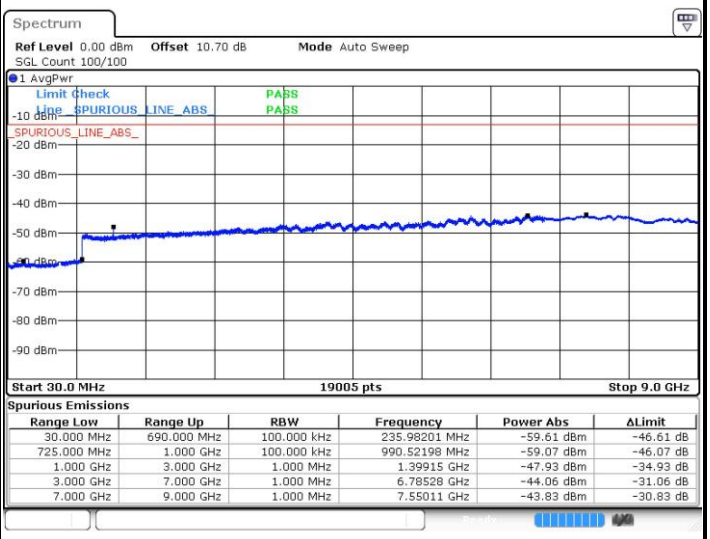


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	684.55772 MHz	-59.88 dBm	-46.88 dB
725.000 MHz	1.000 GHz	100.000 kHz	979.80769 MHz	-58.99 dBm	-45.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-47.45 dBm	-34.45 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79028 GHz	-43.78 dBm	-30.78 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55261 GHz	-43.93 dBm	-30.93 dB

Date: 12.JUL.2018 19:11:33

Lowest Channel / 16QAM

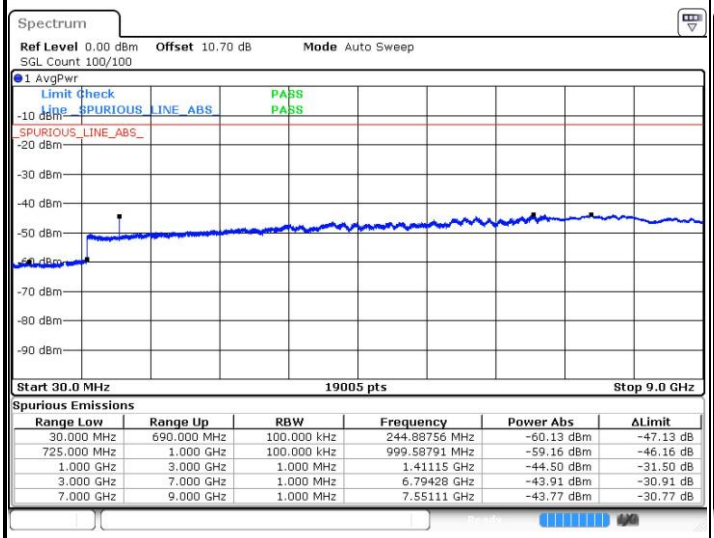


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	235.98201 MHz	-59.61 dBm	-46.61 dB
725.000 MHz	1.000 GHz	100.000 kHz	990.52198 MHz	-59.07 dBm	-46.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-47.93 dBm	-34.93 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78528 GHz	-44.06 dBm	-31.06 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55011 GHz	-43.83 dBm	-30.83 dB

Date: 12.JUL.2018 19:12:44

Middle Channel / QPSK

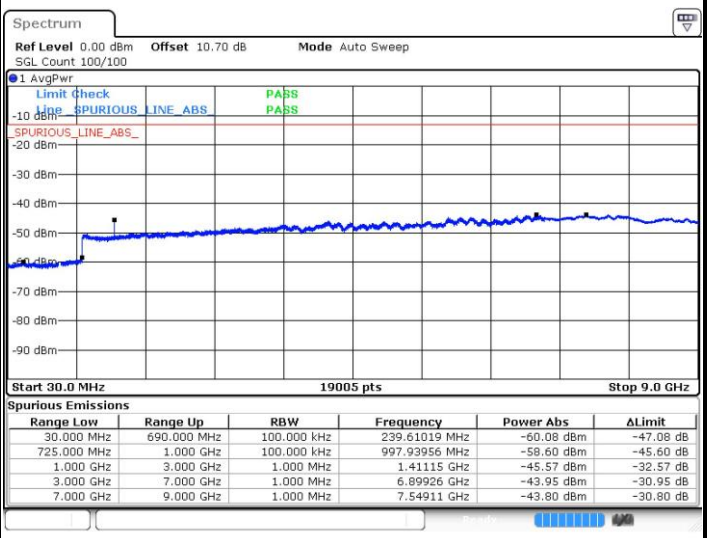


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	244.88756 MHz	-60.13 dBm	-47.13 dB
725.000 MHz	1.000 GHz	100.000 kHz	999.58791 MHz	-59.16 dBm	-46.16 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-44.50 dBm	-31.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79428 GHz	-43.91 dBm	-30.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55111 GHz	-43.77 dBm	-30.77 dB

Date: 12.JUL.2018 19:15:50

Middle Channel / 16QAM



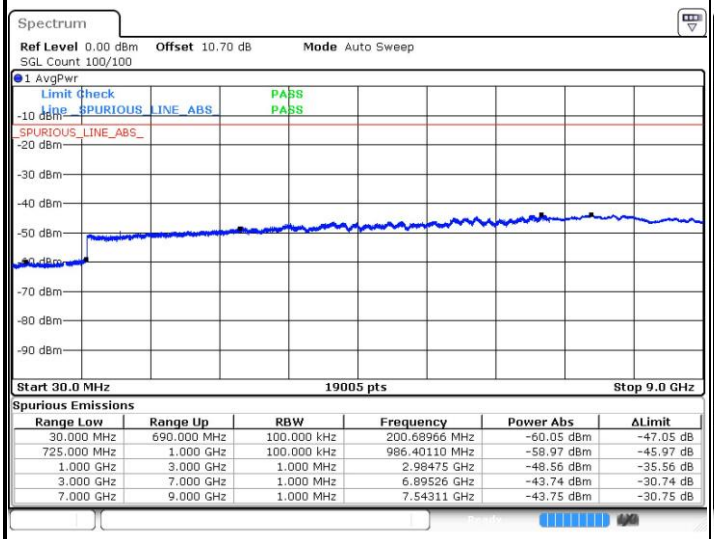
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	239.61019 MHz	-60.08 dBm	-47.08 dB
725.000 MHz	1.000 GHz	100.000 kHz	997.93956 MHz	-58.60 dBm	-45.60 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-45.57 dBm	-32.57 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89926 GHz	-43.95 dBm	-30.95 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54911 GHz	-43.80 dBm	-30.80 dB

Date: 12.JUL.2018 19:14:39

LTE Band 12 / 5MHz

Highest Channel / QPSK

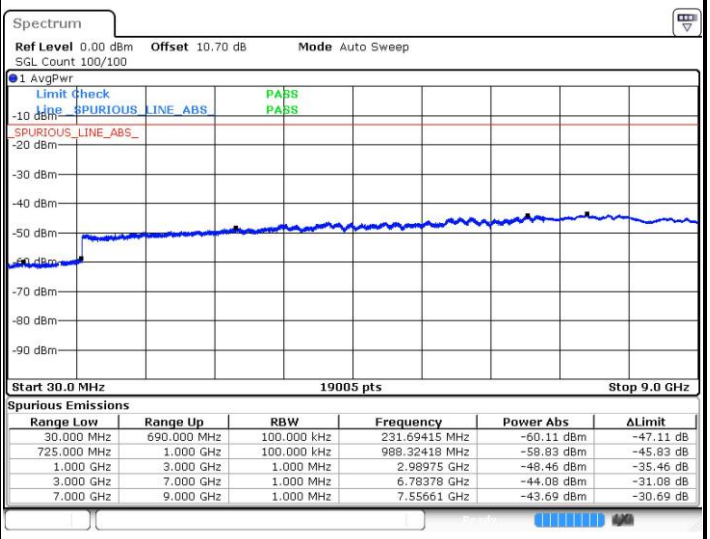


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	200.68966 MHz	-60.05 dBm	-47.05 dB
725.000 MHz	1.000 GHz	100.000 kHz	986.40110 MHz	-58.97 dBm	-45.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98475 GHz	-48.56 dBm	-35.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89526 GHz	-43.74 dBm	-30.74 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54311 GHz	-43.75 dBm	-30.75 dB

Date: 12.JUL.2018 19:23:36

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	231.69415 MHz	-60.11 dBm	-47.11 dB
725.000 MHz	1.000 GHz	100.000 kHz	988.32418 MHz	-58.83 dBm	-45.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98975 GHz	-48.46 dBm	-35.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78378 GHz	-44.08 dBm	-31.08 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55661 GHz	-43.69 dBm	-30.69 dB

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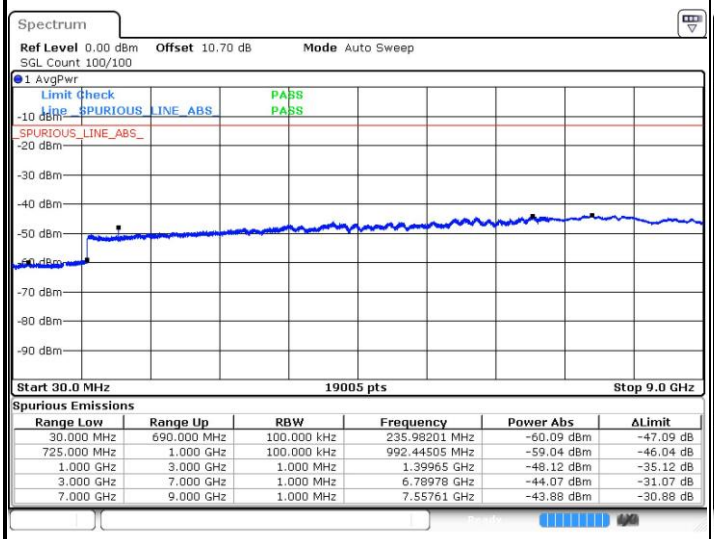
LTE Band 12 / 10MHz

Lowest Channel / QPSK

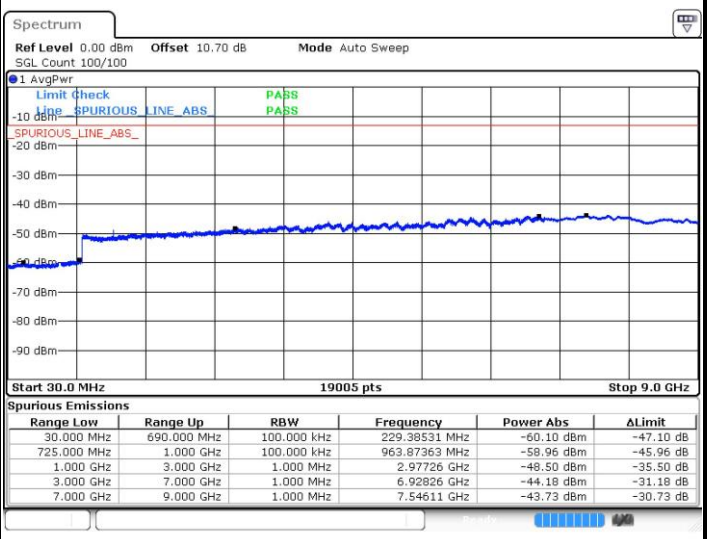


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	235.98201 MHz	-60.09 dBm	-47.09 dB
725.000 MHz	1.000 GHz	100.000 kHz	992.44505 MHz	-59.04 dBm	-46.04 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-48.12 dBm	-35.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78978 GHz	-44.07 dBm	-31.07 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55761 GHz	-43.88 dBm	-30.88 dB

Date: 12.JUL.2018 19:30:12

Lowest Channel / 16QAM



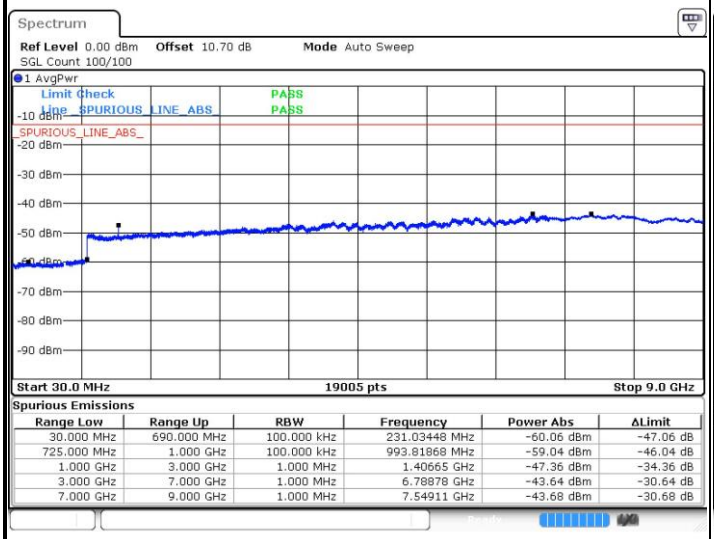
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	229.38531 MHz	-60.10 dBm	-47.10 dB
725.000 MHz	1.000 GHz	100.000 kHz	963.87363 MHz	-58.96 dBm	-45.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97726 GHz	-48.50 dBm	-35.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92826 GHz	-44.18 dBm	-31.18 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54611 GHz	-43.73 dBm	-30.73 dB

Date: 12.JUL.2018 19:31:22

LTE Band 12 / 10MHz

Middle Channel / QPSK

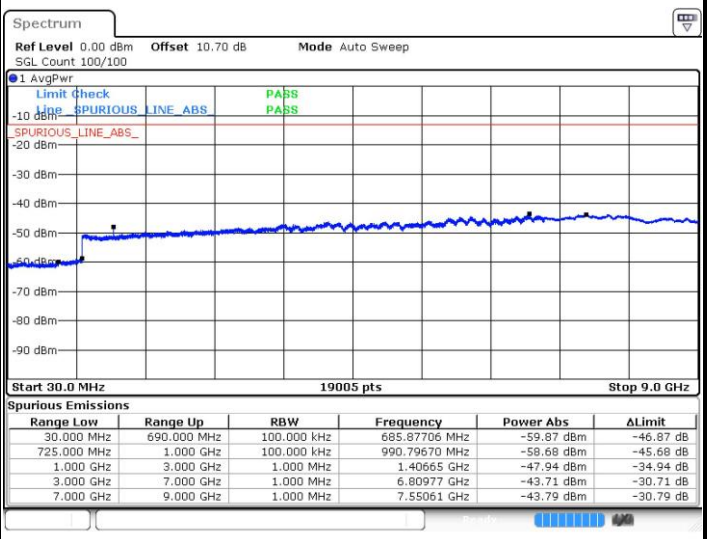


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	231.03448 MHz	-60.06 dBm	-47.06 dB
725.000 MHz	1.000 GHz	100.000 kHz	993.81868 MHz	-59.04 dBm	-46.04 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40665 GHz	-47.36 dBm	-34.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78878 GHz	-43.64 dBm	-30.64 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54911 GHz	-43.68 dBm	-30.68 dB

Date: 12.JUL.2018 19:34:28

Middle Channel / 16QAM

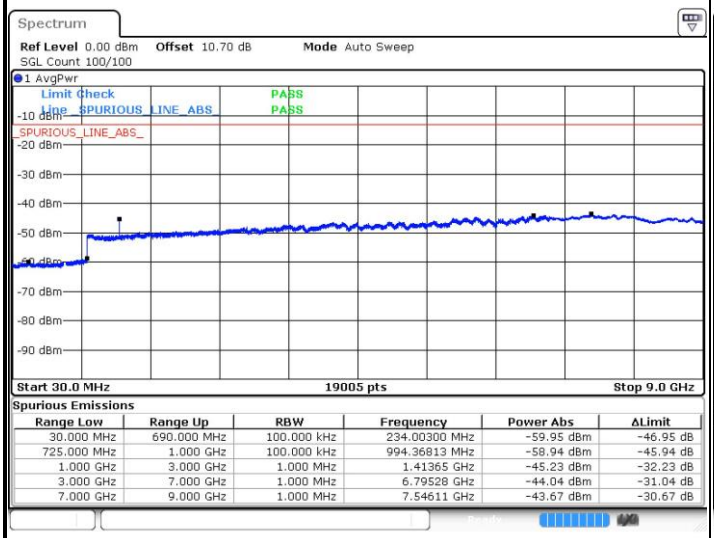


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.87706 MHz	-59.87 dBm	-46.87 dB
725.000 MHz	1.000 GHz	100.000 kHz	990.79670 MHz	-58.68 dBm	-45.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40665 GHz	-47.94 dBm	-34.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80977 GHz	-43.71 dBm	-30.71 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55061 GHz	-43.79 dBm	-30.79 dB

Date: 12.JUL.2018 19:33:17

Highest Channel / QPSK

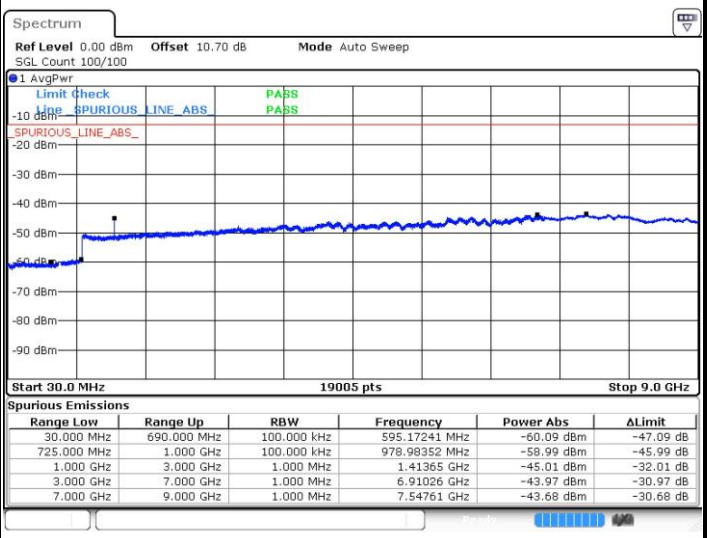


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	234.00300 MHz	-59.95 dBm	-46.95 dB
725.000 MHz	1.000 GHz	100.000 kHz	994.36813 MHz	-58.94 dBm	-45.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-45.23 dBm	-32.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79528 GHz	-44.04 dBm	-31.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54611 GHz	-43.67 dBm	-30.67 dB

Date: 12.JUL.2018 19:41:03

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	595.17241 MHz	-60.09 dBm	-47.09 dB
725.000 MHz	1.000 GHz	100.000 kHz	978.98352 MHz	-58.99 dBm	-45.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-45.01 dBm	-32.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91026 GHz	-43.97 dBm	-30.97 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54761 GHz	-43.68 dBm	-30.68 dB

Date: 12.JUL.2018 19:42:13

Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0058	
30	Normal Voltage	0.0038	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0047	
-10	Normal Voltage	0.0059	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0038	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0059	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.2 V.

2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of ERP/EIRP and Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz (Average) (GT - LC = 1.98 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	22.56	0.1803	24.54	0.2844
Middle		3	0	22.55	0.1799	24.53	0.2838
Highest		3	0	22.62	0.1828	24.60	0.2884
Lowest	16QAM	1	3	21.85	0.1531	23.83	0.2415
Middle		1	3	21.80	0.1514	23.78	0.2388
Highest		1	3	21.96	0.1570	23.94	0.2477
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = 1.98 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.53	0.1791	24.51	0.2825
Middle		1	0	22.47	0.1766	24.45	0.2786
Highest		1	0	22.61	0.1824	24.59	0.2877
Lowest	16QAM	1	0	21.78	0.1507	23.76	0.2377
Middle		1	0	21.67	0.1469	23.65	0.2317
Highest		1	0	21.92	0.1556	23.90	0.2455
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = 1.98 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.54	0.1795	24.52	0.2831
Middle		1	0	22.49	0.1774	24.47	0.2799
Highest		1	0	22.64	0.1837	24.62	0.2897
Lowest	16QAM	1	12	21.74	0.1493	23.72	0.2355
Middle		1	12	21.74	0.1493	23.72	0.2355
Highest		1	12	21.94	0.1563	23.92	0.2466
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 10MHz (Average) (GT - LC = 1.98 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.73	0.1875	24.71	0.2958
Middle		1	0	22.64	0.1837	24.62	0.2897
Highest		1	0	22.84	0.1923	24.82	0.3034
Lowest	16QAM	1	0	21.92	0.1556	23.90	0.2455
Middle		1	0	21.92	0.1556	23.90	0.2455
Highest		1	0	21.99	0.1581	23.97	0.2495
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = 1.98 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.85	0.1928	24.83	0.3041
Middle		1	0	22.80	0.1905	24.78	0.3006
Highest		1	0	22.95	0.1972	24.93	0.3112
Lowest	16QAM	1	0	21.92	0.1556	23.90	0.2455
Middle		1	0	21.90	0.1549	23.88	0.2443
Highest		1	0	21.96	0.1570	23.94	0.2477
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = 1.98 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.82	0.1914	24.80	0.3020
Middle		1	0	22.77	0.1892	24.75	0.2985
Highest		1	0	22.96	0.1977	24.94	0.3119
Lowest	16QAM	1	0	21.90	0.1549	23.88	0.2443
Middle		1	0	21.94	0.1563	23.92	0.2466
Highest		1	0	21.91	0.1552	23.89	0.2449
Limit	EIRP < 2W			Result		PASS	

LTE Band 4 / 1.4MHz (Average) (GT - LC = 2.18 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	22.48	0.1770	24.66	0.2924
Middle		3	0	22.58	0.1811	24.76	0.2992
Highest		3	0	22.30	0.1698	24.48	0.2805
Lowest	16QAM	1	3	21.78	0.1507	23.96	0.2489
Middle		1	3	21.87	0.1538	24.05	0.2541
Highest		1	3	21.51	0.1416	23.69	0.2339
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = 2.18 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.45	0.1758	24.63	0.2904
Middle		1	0	22.55	0.1799	24.73	0.2972
Highest		1	0	22.22	0.1667	24.40	0.2754
Lowest	16QAM	1	0	21.64	0.1459	23.82	0.2410
Middle		1	0	21.82	0.1521	24.00	0.2512
Highest		1	0	21.41	0.1384	23.59	0.2286
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = 2.18 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.46	0.1762	24.64	0.2911
Middle		1	0	22.57	0.1807	24.75	0.2985
Highest		1	0	22.25	0.1679	24.43	0.2773
Lowest	16QAM	1	12	21.61	0.1449	23.79	0.2393
Middle		1	12	21.90	0.1549	24.08	0.2559
Highest		1	12	21.40	0.1380	23.58	0.2280
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 10MHz (Average) (GT - LC = 2.18 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.61	0.1824	24.79	0.3013
Middle		1	0	22.72	0.1871	24.90	0.3090
Highest		1	0	22.51	0.1782	24.69	0.2944
Lowest	16QAM	1	0	21.86	0.1535	24.04	0.2535
Middle		1	0	21.94	0.1563	24.12	0.2582
Highest		1	0	21.76	0.1500	23.94	0.2477
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = 2.18 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.77	0.1892	24.95	0.3126
Middle		1	0	22.84	0.1923	25.02	0.3177
Highest		1	0	22.78	0.1897	24.96	0.3133
Lowest	16QAM	1	0	21.96	0.1570	24.14	0.2594
Middle		1	0	21.97	0.1574	24.15	0.2600
Highest		1	0	21.98	0.1578	24.16	0.2606
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = 2.18 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.55	0.1799	24.73	0.2972
Middle		1	0	22.86	0.1932	25.04	0.3192
Highest		1	0	22.80	0.1905	24.98	0.3148
Lowest	16QAM	1	0	21.78	0.1507	23.96	0.2489
Middle		1	0	21.95	0.1567	24.13	0.2588
Highest		1	0	21.99	0.1581	24.17	0.2612
Limit	EIRP < 1W			Result		PASS	

LTE Band 12 / 1.4MHz (Average) (GT - LC = -0.72 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	22.52	0.1786	19.65	0.0923
Middle		3	0	22.46	0.1762	19.59	0.0910
Highest		3	0	22.42	0.1746	19.55	0.0902
Lowest	16QAM	1	3	21.78	0.1507	18.91	0.0778
Middle		1	3	21.70	0.1479	18.83	0.0764
Highest		1	3	21.68	0.1472	18.81	0.0760
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -0.72 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.46	0.1762	19.59	0.0910
Middle		1	0	22.38	0.1730	19.51	0.0893
Highest		1	0	22.38	0.1730	19.51	0.0893
Lowest	16QAM	1	0	21.72	0.1486	18.85	0.0767
Middle		1	0	21.66	0.1466	18.79	0.0757
Highest		1	0	21.64	0.1459	18.77	0.0753
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -0.72 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.44	0.1754	19.57	0.0906
Middle		1	0	22.42	0.1746	19.55	0.0902
Highest		1	0	22.42	0.1746	19.55	0.0902
Lowest	16QAM	1	12	21.78	0.1507	18.91	0.0778
Middle		1	12	21.70	0.1479	18.83	0.0764
Highest		1	12	21.73	0.1489	18.86	0.0769
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz (Average) (GT - LC = -0.72 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.46	0.1762	19.59	0.0910
Middle		1	0	22.53	0.1791	19.66	0.0925
Highest		1	0	22.43	0.1750	19.56	0.0904
Lowest	16QAM	1	0	21.76	0.1500	18.89	0.0774
Middle		1	0	21.81	0.1517	18.94	0.0783
Highest		1	0	21.73	0.1489	18.86	0.0769
Limit	ERP < 3W			Result		PASS	

Radiated Spurious Emission

LTE Band 2

LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-54.40	-13	-41.40	-74.95	-65.43	1.43	12.46	H
	5555	-52.17	-13	-39.17	-76.14	-63.45	2.01	13.29	H
	7403	-48.43	-13	-35.43	-76.33	-57.62	2.21	11.40	H
	3700	-55.03	-13	-42.03	-75.27	-66.06	1.43	12.46	V
	5555	-52.35	-13	-39.35	-76.52	-63.63	2.01	13.29	V
	7403	-47.92	-13	-34.92	-76.36	-57.11	2.21	11.40	V
Middle	3742	-53.56	-13	-40.56	-74.21	-64.59	1.46	12.49	H
	5613	-52.33	-13	-39.33	-76.29	-63.61	2.00	13.28	H
	7484	-48.28	-13	-35.28	-76.23	-57.42	2.18	11.32	H
	3742	-54.70	-13	-41.70	-75.08	-65.73	1.46	12.49	V
	5613	-52.11	-13	-39.11	-76.38	-63.39	2.00	13.28	V
	7484	-48.36	-13	-35.36	-76.34	-57.50	2.18	11.32	V
Highest	3782	-54.72	-13	-41.72	-75.46	-65.75	1.50	12.53	H
	5673	-53.39	-13	-40.39	-77.43	-64.66	2.00	13.27	H
	7564	-48.79	-13	-35.79	-76.34	-57.86	2.21	11.29	H
	3782	-55.60	-13	-42.60	-76.1	-66.63	1.50	12.53	V
	5673	-52.88	-13	-39.88	-77.2	-64.15	2.00	13.27	V
	7564	-48.35	-13	-35.35	-76.1	-57.42	2.21	11.29	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4

LTE Band 4 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3423	-44.19	-13	-31.19	-75.99	-55.09	1.23	12.13	H
	5135	-52.22	-13	-39.22	-76.07	-63.12	1.97	12.86	H
	6846	-50.88	-13	-37.88	-75.91	-59.84	2.34	11.31	H
	3423	-57.64	-13	-44.64	-76.06	-68.54	1.23	12.13	V
	5135	-52.81	-13	-39.81	-76.4	-63.71	1.97	12.86	V
	6846	-51.25	-13	-38.25	-76.16	-60.21	2.34	11.31	V
Middle	3447	-57.18	-13	-44.18	-76.26	-68.13	1.24	12.18	H
	5170	-49.77	-13	-36.77	-73.73	-60.70	1.97	12.90	H
	6892	-50.07	-13	-37.07	-75.55	-59.17	2.35	11.45	H
	3447	-57.25	-13	-44.25	-76	-68.20	1.24	12.18	V
	5170	-52.72	-13	-39.72	-76.32	-63.65	1.97	12.90	V
	6892	-50.18	-13	-37.18	-75.65	-59.28	2.35	11.45	V
Highest	3470	-56.92	-13	-43.92	-76.26	-67.91	1.24	12.23	H
	5205	-49.55	-13	-36.55	-73.59	-60.52	1.97	12.95	H
	6940	-49.91	-13	-36.91	-75.8	-59.16	2.36	11.61	H
	3470	-57.12	-13	-44.12	-76.21	-68.11	1.24	12.23	V
	5205	-50.26	-13	-37.26	-73.86	-61.23	1.97	12.95	V
	6940	-49.66	-13	-36.66	-75.95	-58.91	2.36	11.61	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 12

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-51.43	-13.00	-38.43	-63.63	-56.38	0.58	7.68	H
	2100	-59.82	-13.00	-46.82	-75.20	-67.01	0.90	10.24	H
	2800	-58.83	-13.00	-45.83	-75.78	-66.66	1.06	11.04	H
	1400	-57.94	-13.00	-44.94	-70.20	-62.89	0.58	7.68	V
	2100	-59.95	-13.00	-46.95	-75.32	-67.14	0.90	10.24	V
	2800	-58.38	-13.00	-45.38	-75.92	-66.21	1.06	11.04	V
Middle	1408	-51.27	-13.00	-38.27	-63.40	-56.25	0.58	7.71	H
	2112	-59.76	-13.00	-46.76	-75.38	-66.96	0.90	10.26	H
	2812	-58.67	-13.00	-45.67	-75.67	-66.51	1.06	11.05	H
	1408	-57.26	-13.00	-44.26	-69.41	-62.24	0.58	7.71	V
	2112	-59.93	-13.00	-46.93	-75.46	-67.13	0.90	10.26	V
	2812	-58.16	-13.00	-45.16	-75.70	-66.00	1.06	11.05	V
Highest	1416	-56.51	-13.00	-43.51	-68.56	-61.52	0.59	7.75	H
	2124	-59.95	-13.00	-46.95	-75.79	-67.17	0.90	10.27	H
	2832	-59.12	-13.00	-46.12	-76.22	-66.97	1.07	11.07	H
	1416	-60.07	-13.00	-47.07	-72.10	-65.08	0.59	7.75	V
	2124	-59.43	-13.00	-46.43	-75.24	-66.65	0.90	10.27	V
	2832	-58.56	-13.00	-45.56	-76.08	-66.41	1.07	11.07	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.