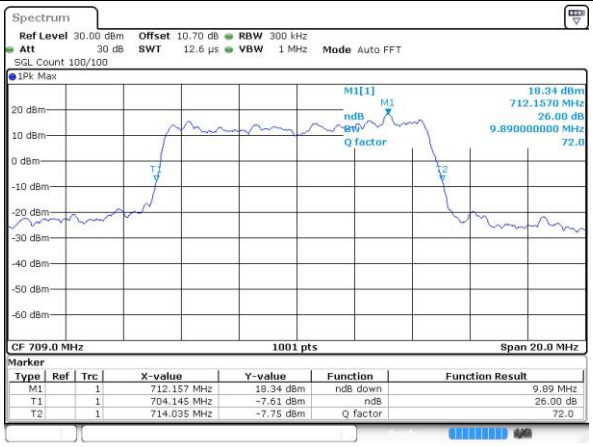
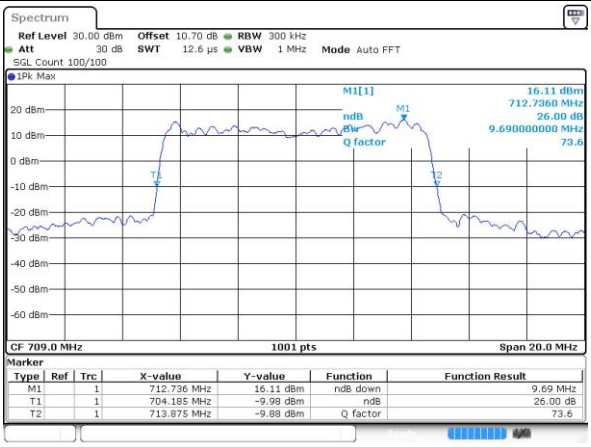
LTE Band 17

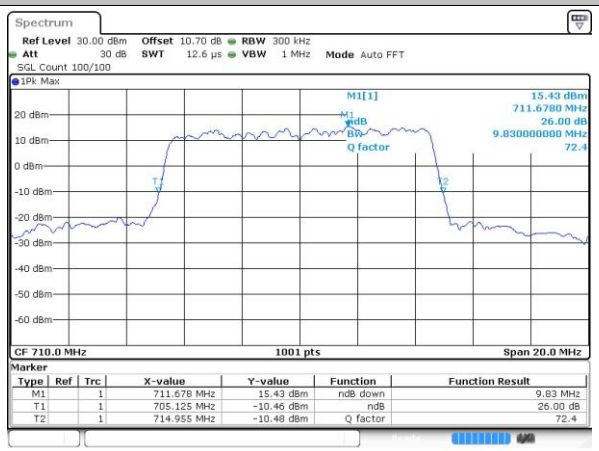
Lowest Channel / 10MHz / QPSK



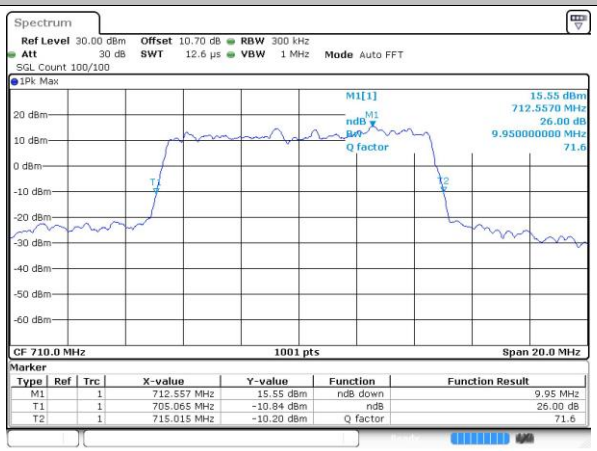
Lowest Channel / 10MHz / 16QAM



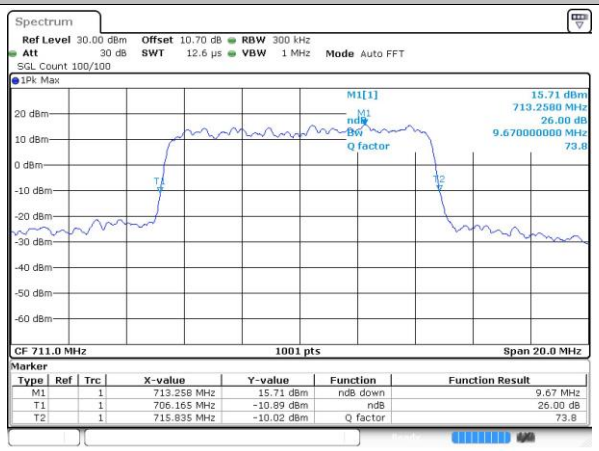
Middle Channel / 10MHz / QPSK



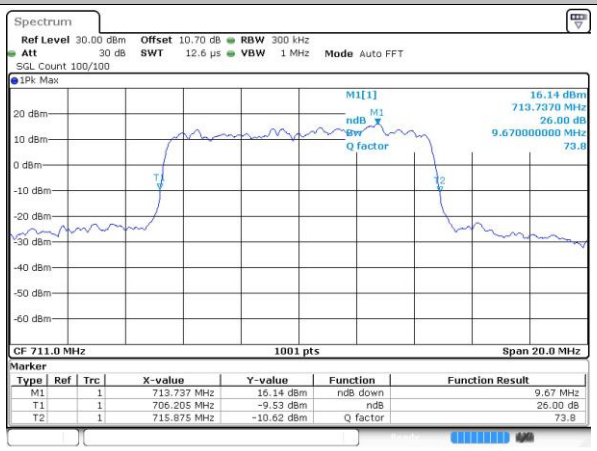
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

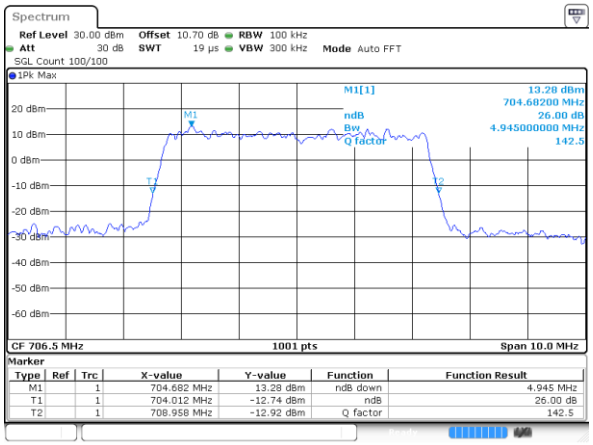


Highest Channel / 10MHz / 16QAM

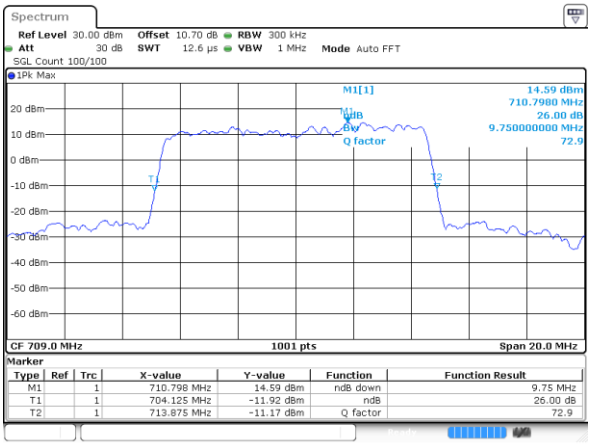


LTE Band 17

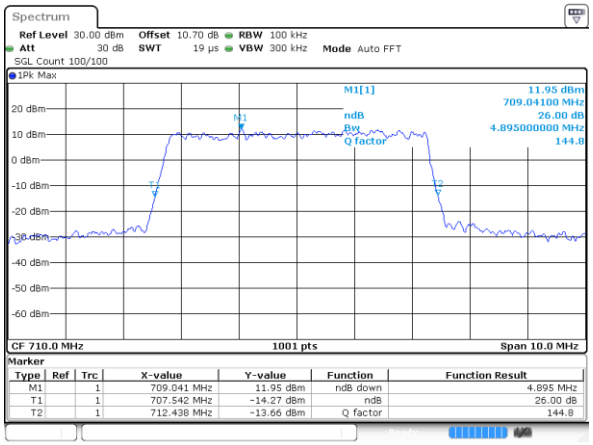
Lowest Channel / 5MHz / 64QAM



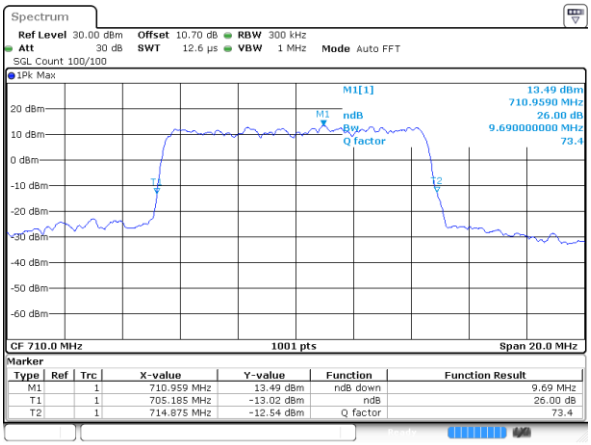
Lowest Channel / 10MHz / 64QAM



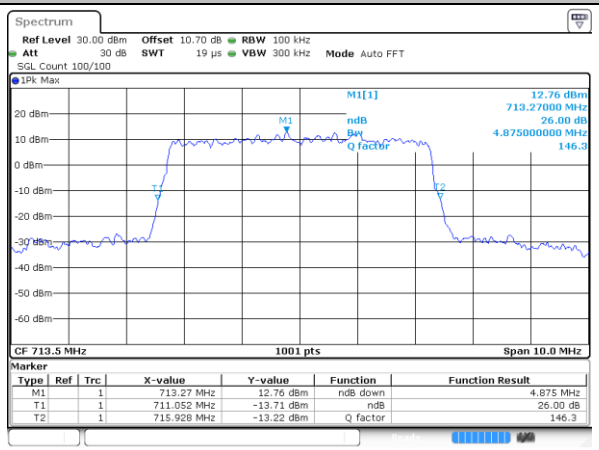
Middle Channel / 5MHz / 64QAM



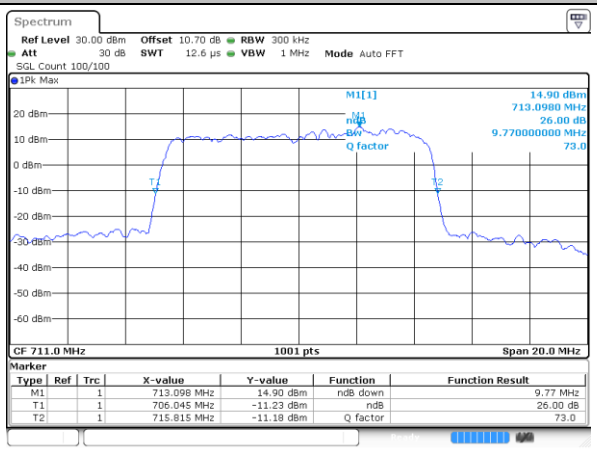
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

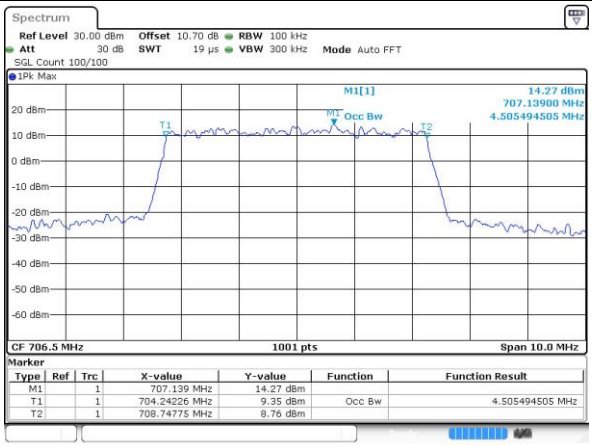


Occupied Bandwidth

Mode	LTE Band 17 : 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	-	-	-	-	4.51	4.49	9.11	9.03	-	-	-	-
Middle CH	-	-	-	-	4.51	4.51	9.01	9.07	-	-	-	-
Highest CH	-	-	-	-	4.47	4.49	9.05	8.99	-	-	-	-
Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.49	-	9.05	-	-	-	-	-
Middle CH	-	-	-	-	4.53	-	9.03	-	-	-	-	-
Highest CH	-	-	-	-	4.48	-	8.99	-	-	-	-	-

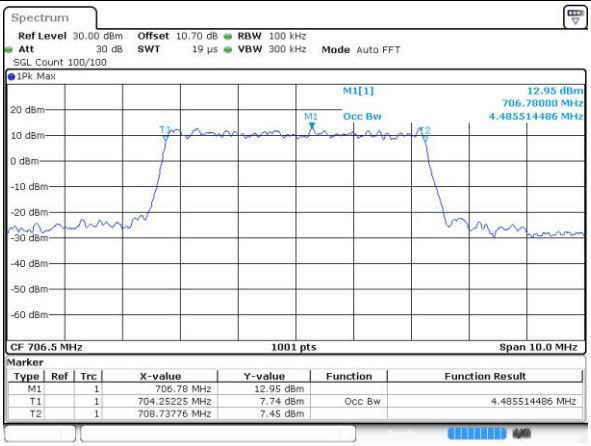
LTE Band 17

Lowest Channel / 5MHz / QPSK



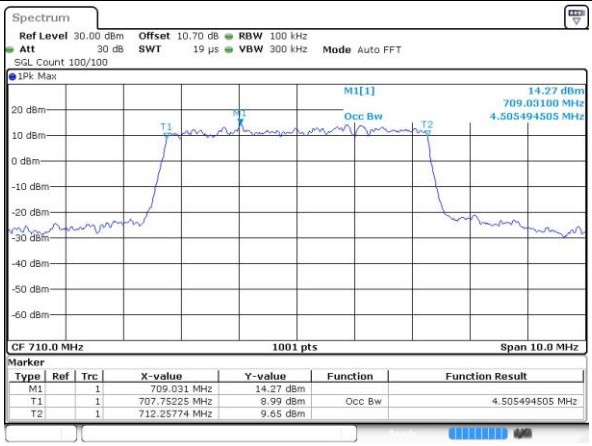
Date: 17.JUN.2017 19:53:32

Lowest Channel / 5MHz / 16QAM



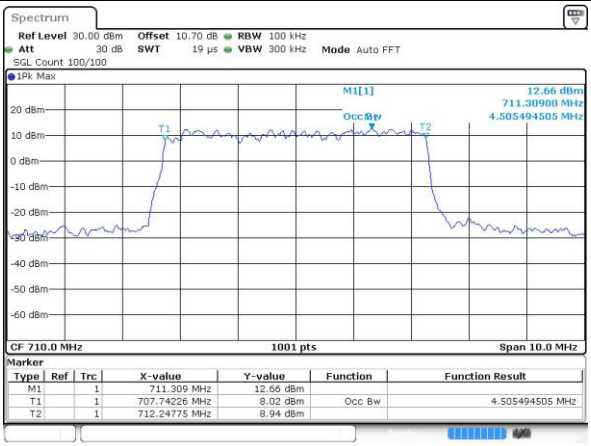
Date: 17.JUN.2017 19:53:42

Middle Channel / 5MHz / QPSK



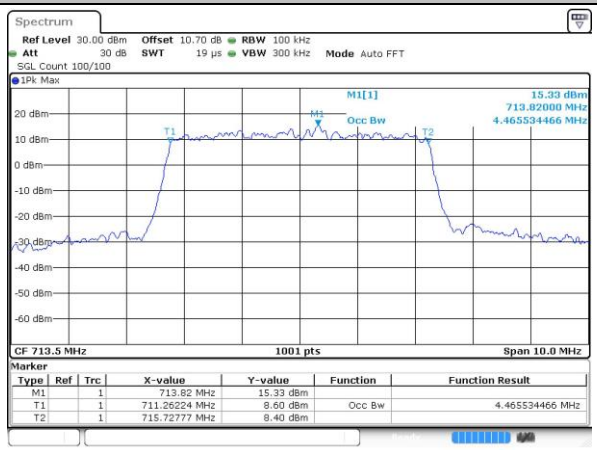
Date: 17.JUN.2017 20:00:38

Middle Channel / 5MHz / 16QAM



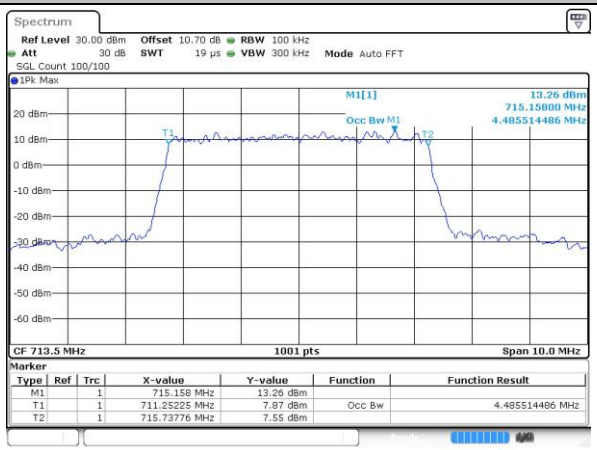
Date: 17.JUN.2017 20:00:49

Highest Channel / 5MHz / QPSK



Date: 17.JUN.2017 20:03:08

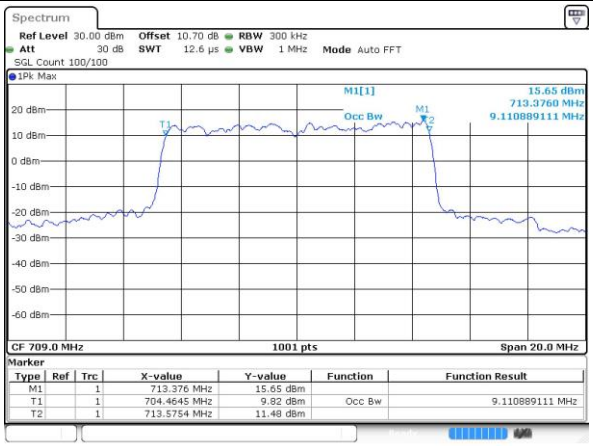
Highest Channel / 5MHz / 16QAM



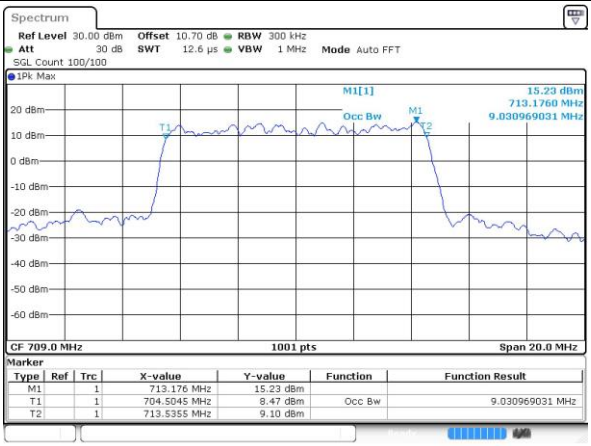
Date: 17.JUN.2017 20:03:19

LTE Band 17

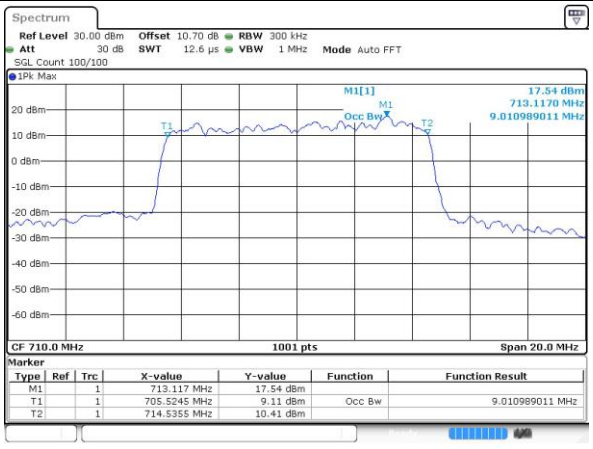
Lowest Channel / 10MHz / QPSK



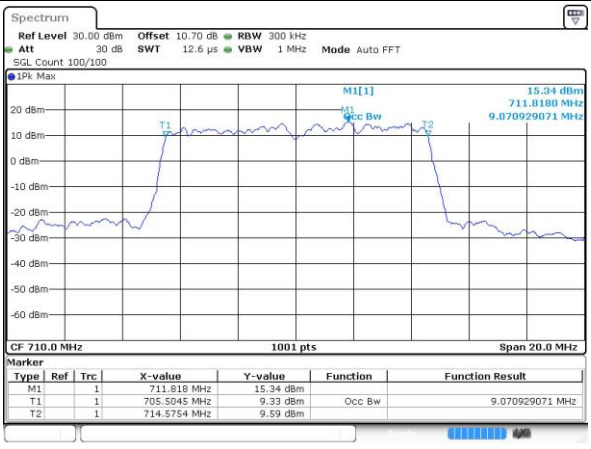
Lowest Channel / 10MHz / 16QAM



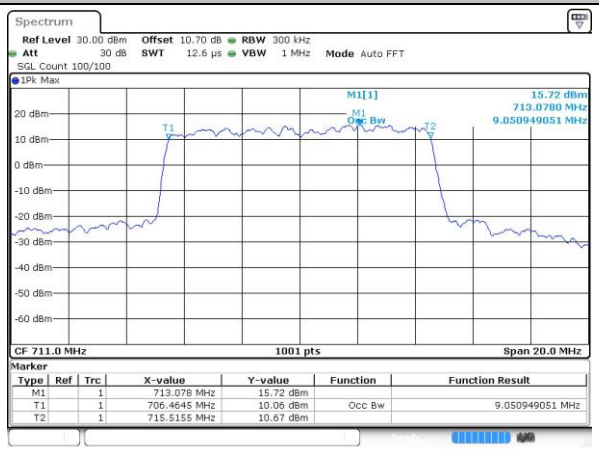
Middle Channel / 10MHz / QPSK



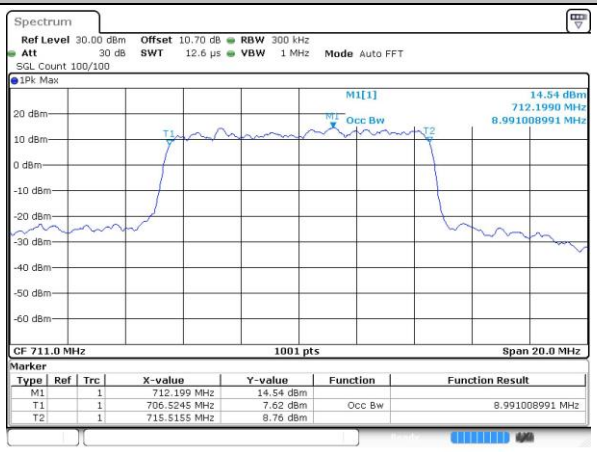
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

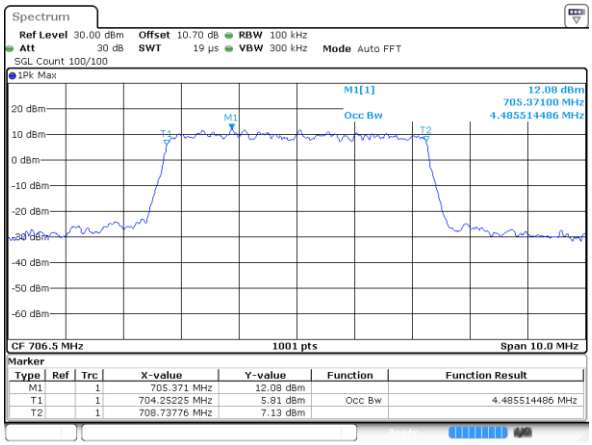


Highest Channel / 10MHz / 16QAM

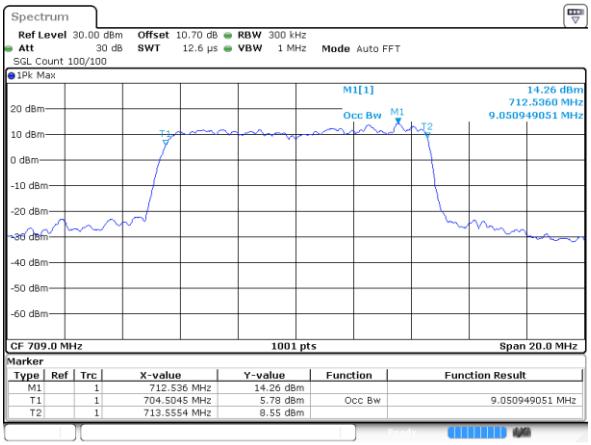


LTE Band 17

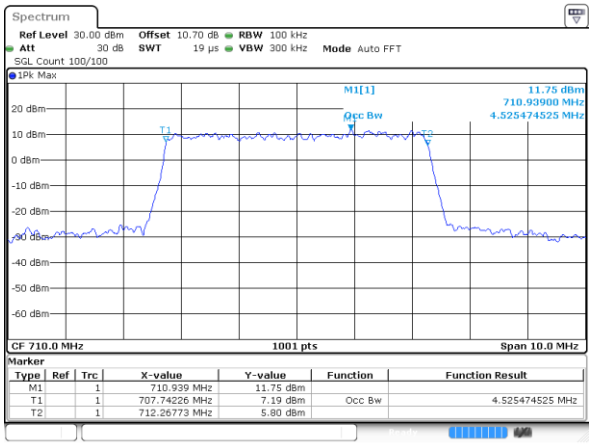
Lowest Channel / 5MHz / 64QAM



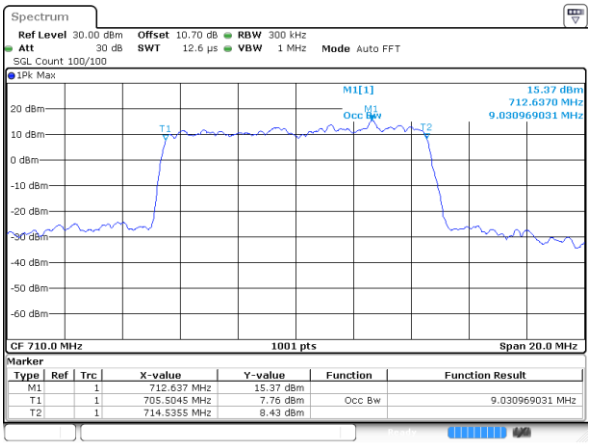
Lowest Channel / 10MHz / 64QAM



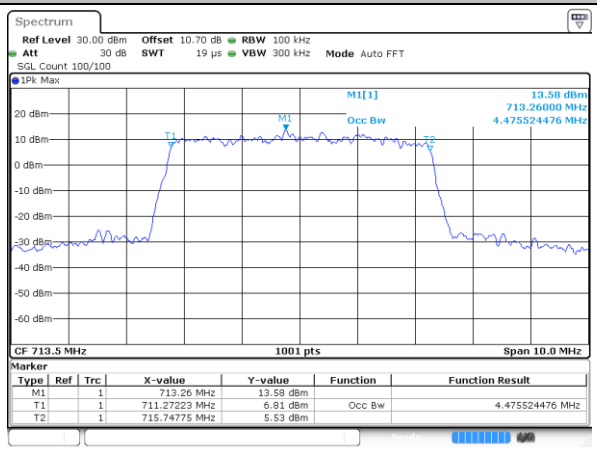
Middle Channel / 5MHz / 64QAM



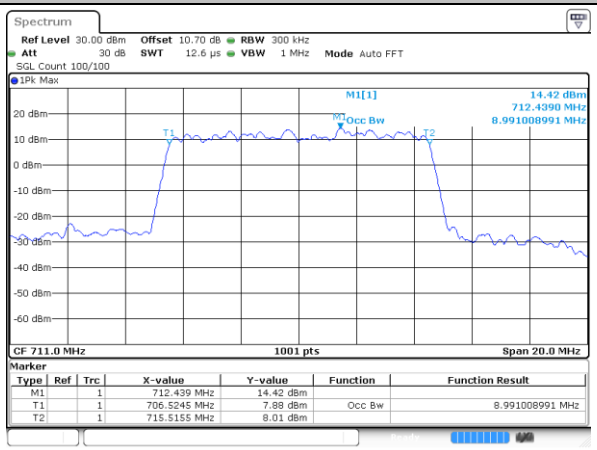
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



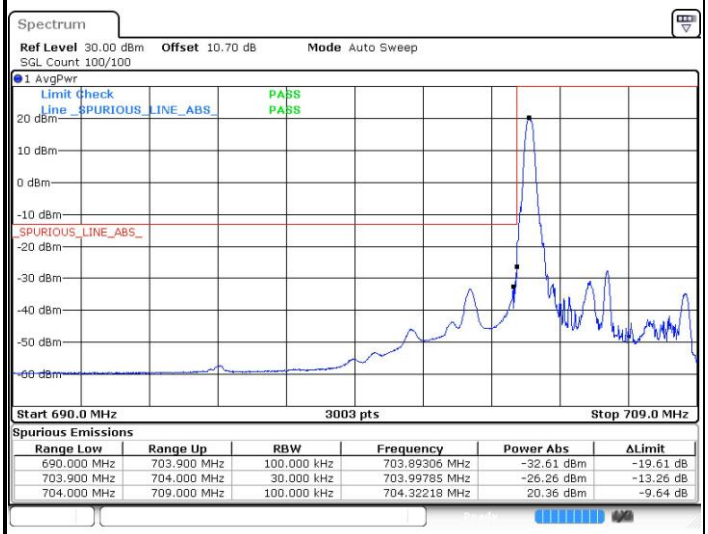
Highest Channel / 10MHz / 64QAM



Conducted Band Edge

LTE Band 17 / 5MHz / QPSK

Lowest Band Edge / 1 RB

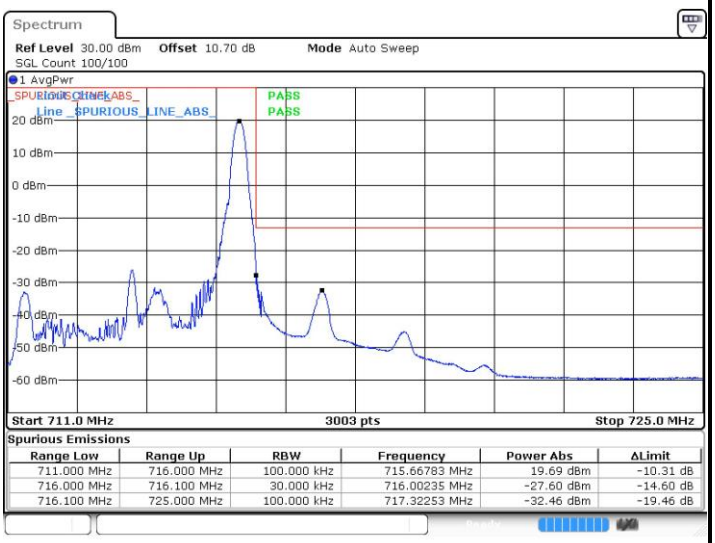


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-32.61 dBm	-19.61 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99785 MHz	-26.26 dBm	-13.26 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.32218 MHz	20.36 dBm	-9.64 dB

Date: 17.JUN.2017 19:55:12

Highest Band Edge / 1 RB

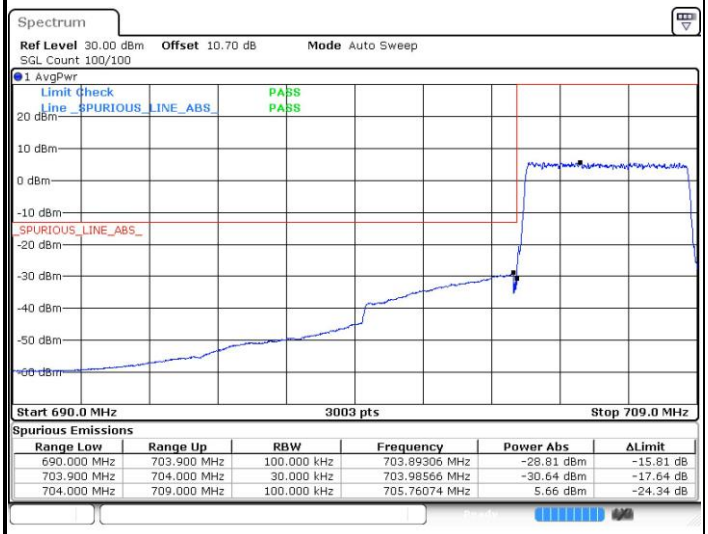


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.66783 MHz	19.69 dBm	-10.31 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00235 MHz	-27.60 dBm	-14.60 dB
716.100 MHz	725.000 MHz	100.000 kHz	717.32253 MHz	-32.46 dBm	-19.46 dB

Date: 17.JUN.2017 20:04:48

Lowest Band Edge / Full RB

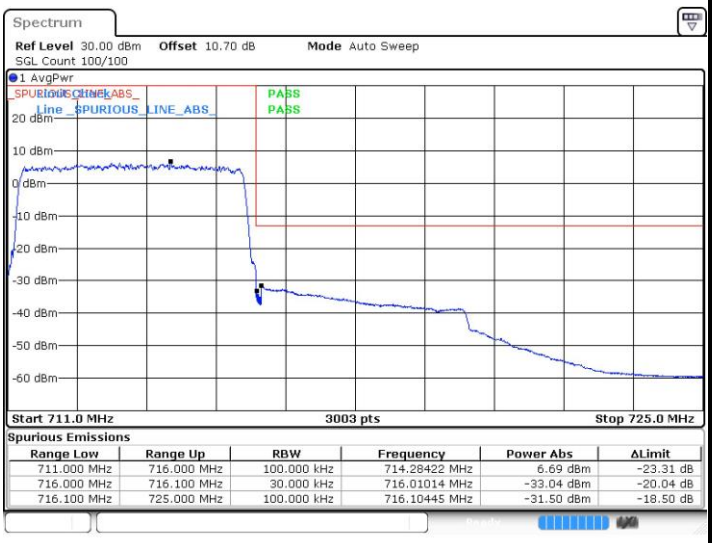


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-28.81 dBm	-15.81 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.98566 MHz	-30.64 dBm	-17.64 dB
704.000 MHz	709.000 MHz	100.000 kHz	705.76074 MHz	5.66 dBm	-24.34 dB

Date: 17.JUN.2017 19:57:30

Highest Band Edge / Full RB



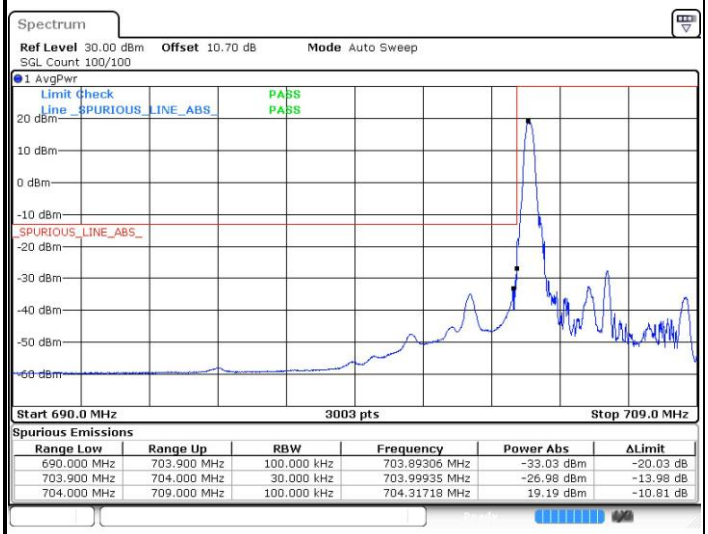
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	714.28422 MHz	6.69 dBm	-23.31 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01014 MHz	-33.04 dBm	-20.04 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.50 dBm	-18.50 dB

Date: 17.JUN.2017 20:07:06

LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

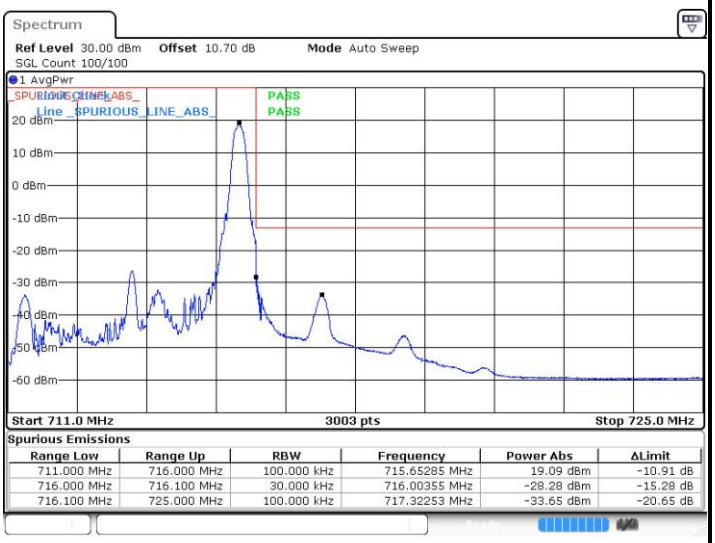


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-33.03 dBm	-20.03 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99935 MHz	-26.98 dBm	-13.98 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.31718 MHz	19.19 dBm	-10.81 dB

Date: 17.JUN.2017 19:56:21

Highest Band Edge / 1 RB

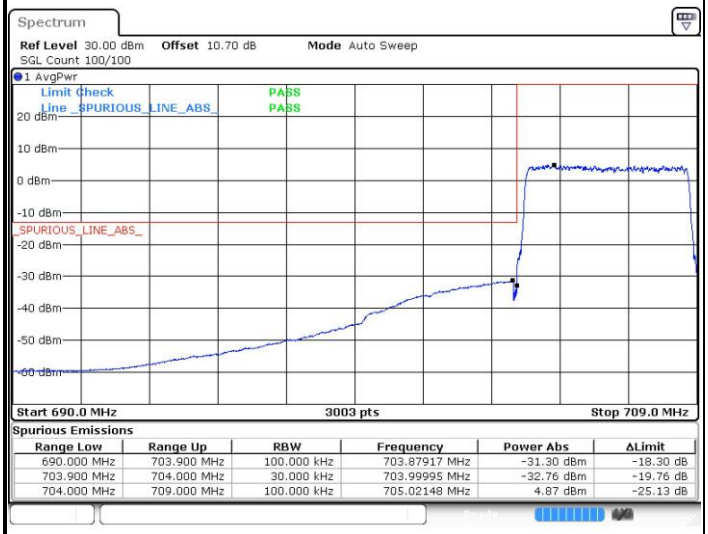


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.65285 MHz	19.09 dBm	-10.91 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00355 MHz	-28.28 dBm	-15.28 dB
716.100 MHz	725.000 MHz	100.000 kHz	717.32253 MHz	-33.65 dBm	-20.65 dB

Date: 17.JUN.2017 20:05:57

Lowest Band Edge / Full RB

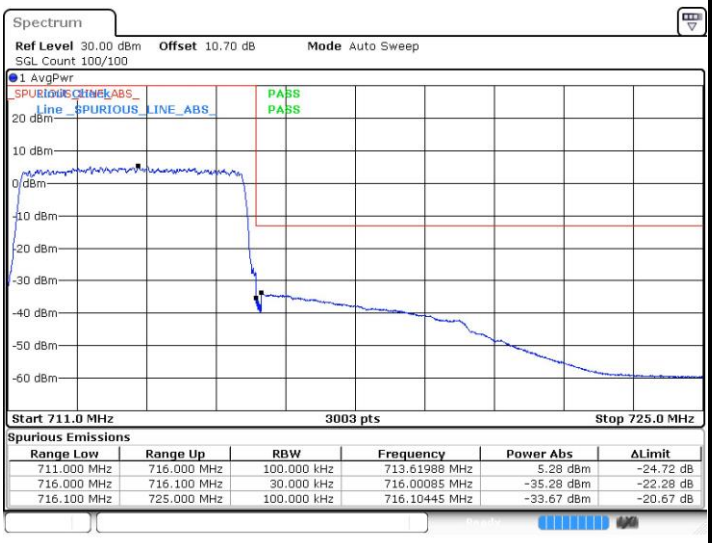


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.87917 MHz	-31.30 dBm	-18.30 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99995 MHz	-32.76 dBm	-19.76 dB
704.000 MHz	709.000 MHz	100.000 kHz	705.02148 MHz	4.87 dBm	-25.13 dB

Date: 17.JUN.2017 19:58:39

Highest Band Edge / Full RB



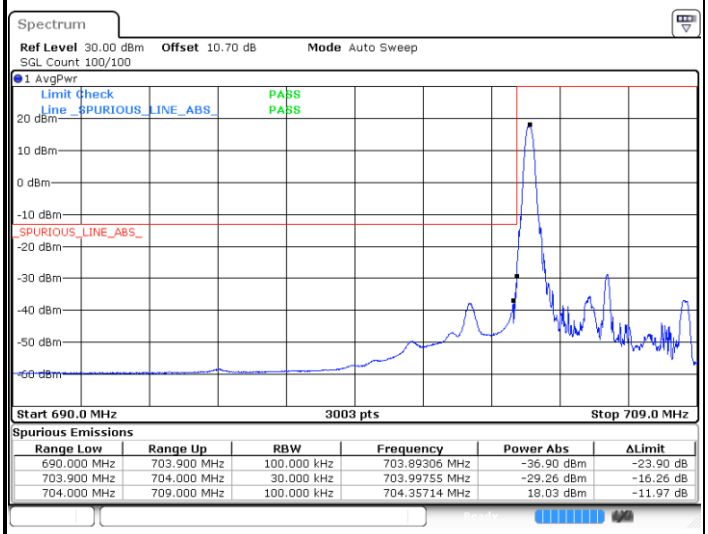
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	713.61988 MHz	5.28 dBm	-24.72 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00085 MHz	-35.28 dBm	-22.28 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.67 dBm	-20.67 dB

Date: 17.JUN.2017 20:08:15

LTE Band 17 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

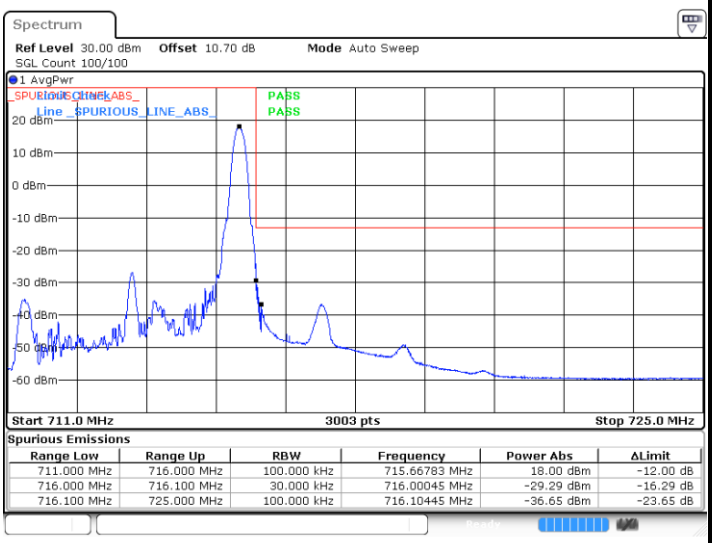


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-36.90 dBm	-23.90 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99755 MHz	-29.26 dBm	-16.26 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.35714 MHz	18.03 dBm	-11.97 dB

Date: 21.JUN.2017 23:33:50

Highest Band Edge / 1 RB

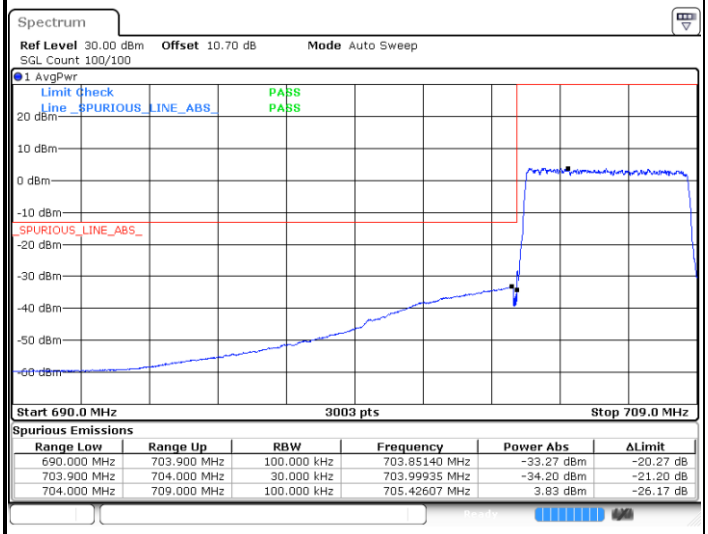


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.66783 MHz	18.00 dBm	-12.00 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00045 MHz	-29.29 dBm	-16.29 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-36.65 dBm	-23.65 dB

Date: 21.JUN.2017 23:38:35

Lowest Band Edge / Full RB

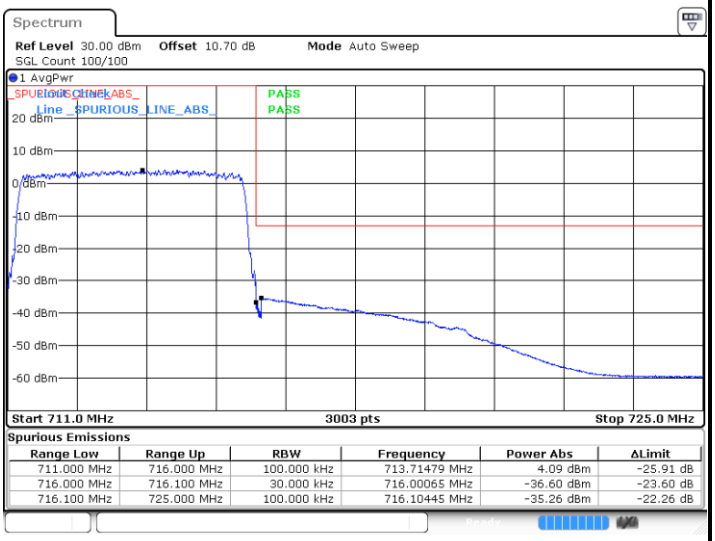


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.85140 MHz	-33.27 dBm	-20.27 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99935 MHz	-34.20 dBm	-21.20 dB
704.000 MHz	709.000 MHz	100.000 kHz	705.42607 MHz	3.83 dBm	-26.17 dB

Date: 21.JUN.2017 23:34:59

Highest Band Edge / Full RB



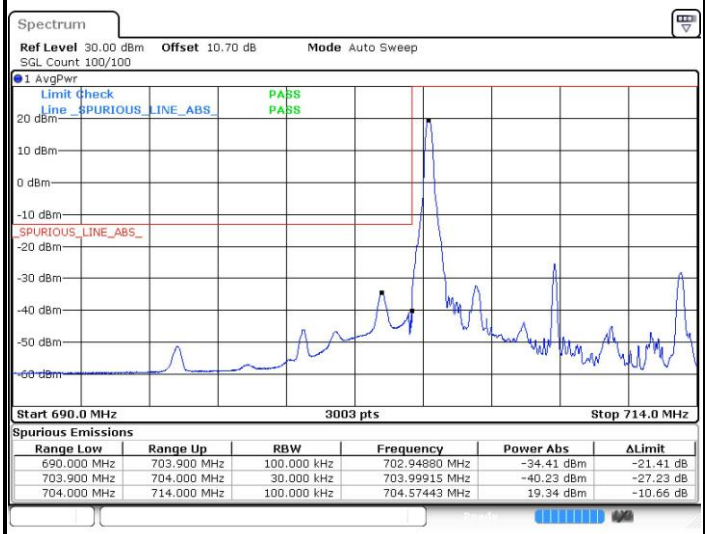
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	713.71479 MHz	4.09 dBm	-25.91 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00065 MHz	-36.60 dBm	-23.60 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-35.26 dBm	-22.26 dB

Date: 21.JUN.2017 23:39:44

LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB

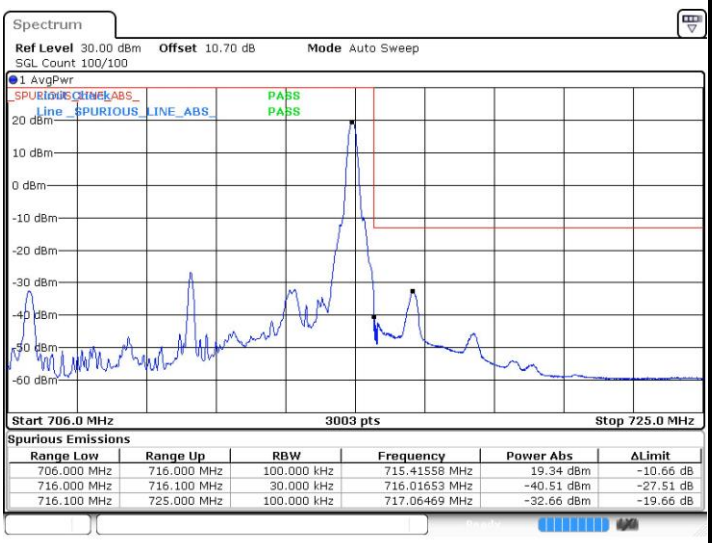


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	702.94880 MHz	-34.41 dBm	-21.41 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99915 MHz	-40.23 dBm	-27.23 dB
704.000 MHz	714.000 MHz	100.000 kHz	704.57443 MHz	19.34 dBm	-10.66 dB

Date: 17.JUN.2017 20:11:54

Highest Band Edge / 1 RB

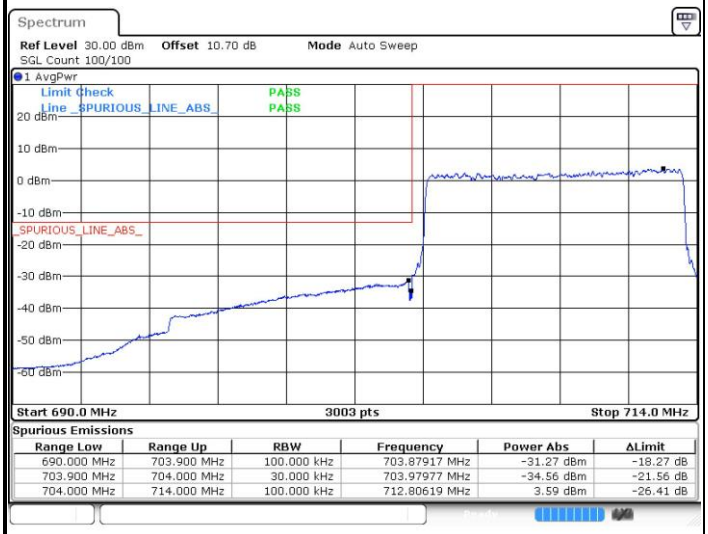


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.41558 MHz	19.34 dBm	-10.66 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01653 MHz	-40.51 dBm	-27.51 dB
716.100 MHz	725.000 MHz	100.000 kHz	717.06469 MHz	-32.66 dBm	-19.66 dB

Date: 17.JUN.2017 20:21:30

Lowest Band Edge / Full RB

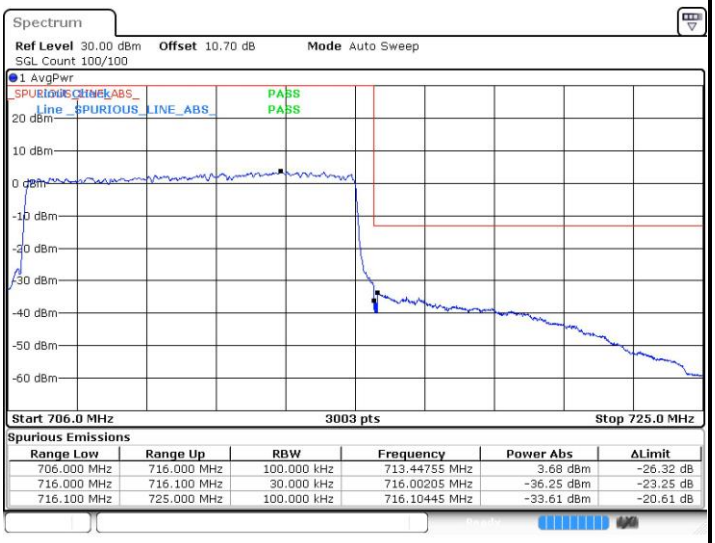


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.87917 MHz	-31.27 dBm	-18.27 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.97977 MHz	-34.56 dBm	-21.56 dB
704.000 MHz	714.000 MHz	100.000 kHz	712.80619 MHz	3.59 dBm	-26.41 dB

Date: 17.JUN.2017 20:14:12

Highest Band Edge / Full RB



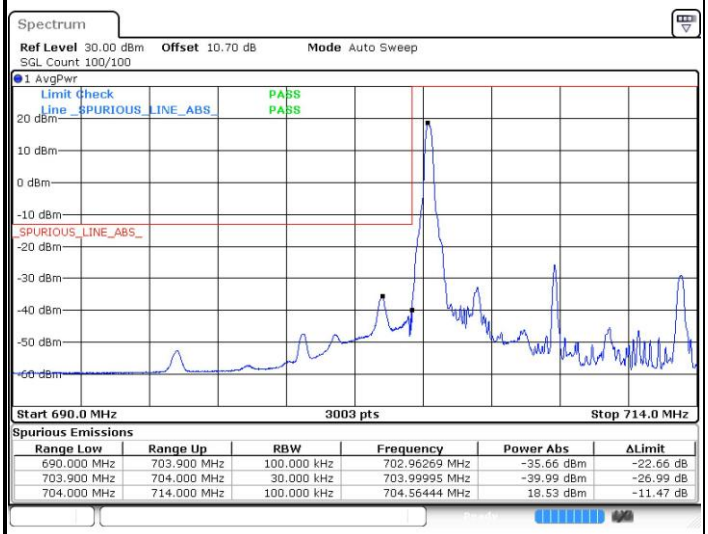
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	713.44755 MHz	3.68 dBm	-26.32 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00205 MHz	-36.25 dBm	-23.25 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.61 dBm	-20.61 dB

Date: 17.JUN.2017 20:23:49

LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

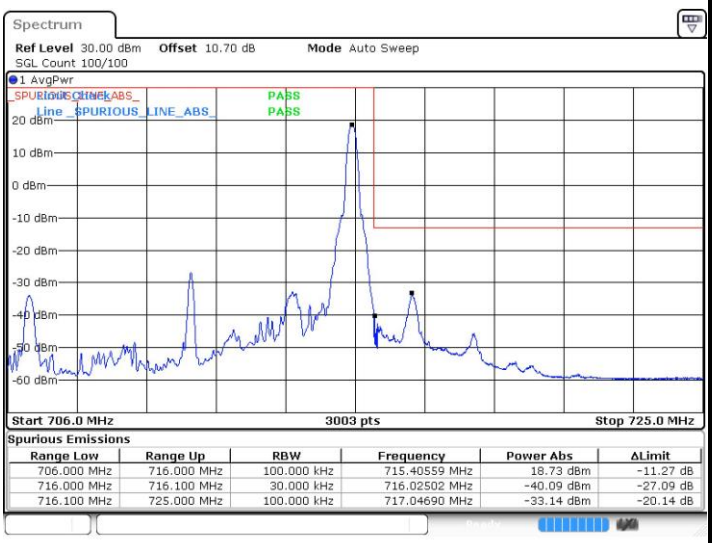


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	702.96269 MHz	-35.66 dBm	-22.66 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99995 MHz	-39.99 dBm	-26.99 dB
704.000 MHz	714.000 MHz	100.000 kHz	704.56444 MHz	18.53 dBm	-11.47 dB

Date: 17.JUN.2017 20:13:03

Highest Band Edge / 1 RB

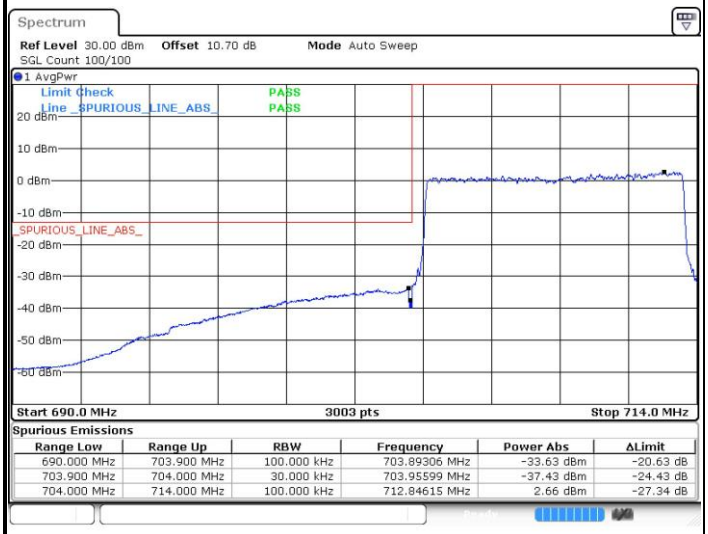


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.40559 MHz	18.73 dBm	-11.27 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.02502 MHz	-40.09 dBm	-27.09 dB
716.100 MHz	725.000 MHz	100.000 kHz	717.04690 MHz	-33.14 dBm	-20.14 dB

Date: 17.JUN.2017 20:22:40

Lowest Band Edge / Full RB

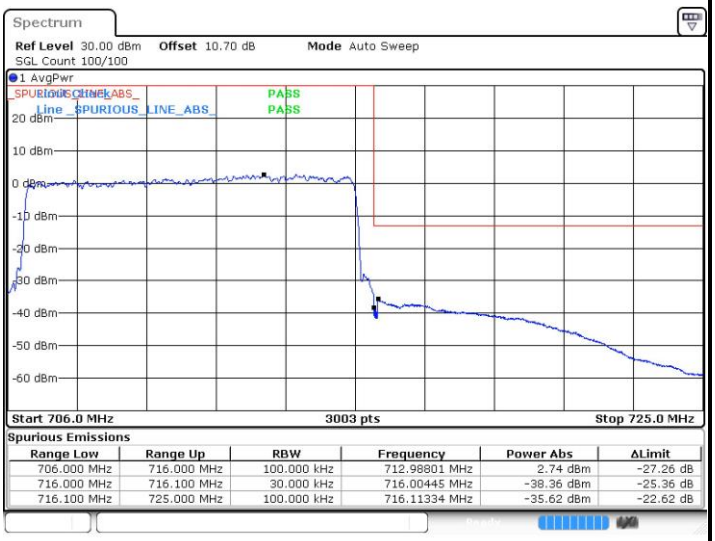


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-33.63 dBm	-20.63 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.95599 MHz	-37.43 dBm	-24.43 dB
704.000 MHz	714.000 MHz	100.000 kHz	712.84615 MHz	2.66 dBm	-27.34 dB

Date: 17.JUN.2017 20:15:22

Highest Band Edge / Full RB



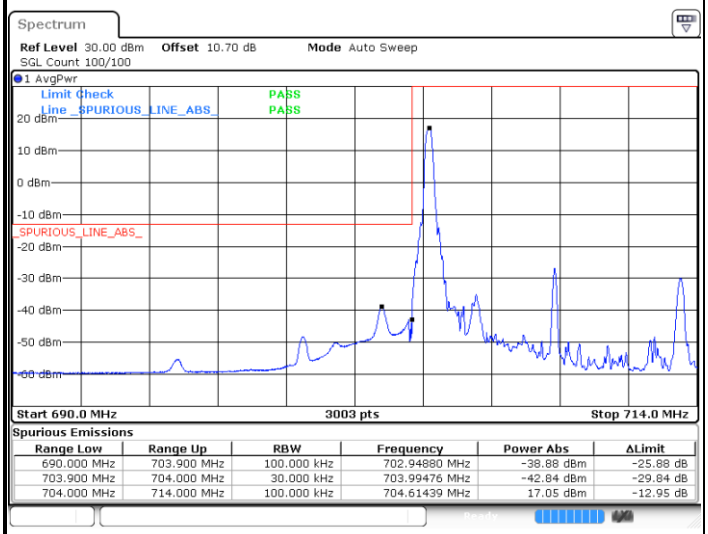
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	712.98801 MHz	2.74 dBm	-27.26 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00445 MHz	-38.36 dBm	-25.36 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-35.62 dBm	-22.62 dB

Date: 17.JUN.2017 20:24:58

LTE Band 17 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

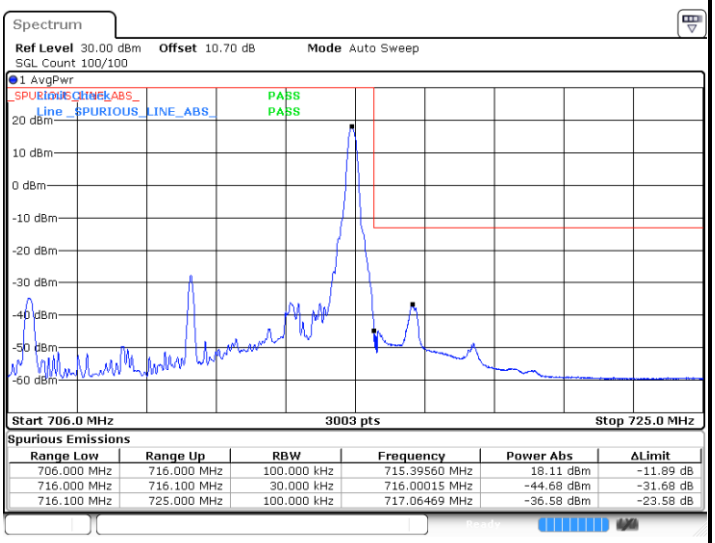


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	702.94880 MHz	-38.88 dBm	-25.88 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99476 MHz	-42.84 dBm	-29.84 dB
704.000 MHz	714.000 MHz	100.000 kHz	704.61439 MHz	17.05 dBm	-12.95 dB

Date: 21.JUN.2017 23:50:13

Highest Band Edge / 1 RB

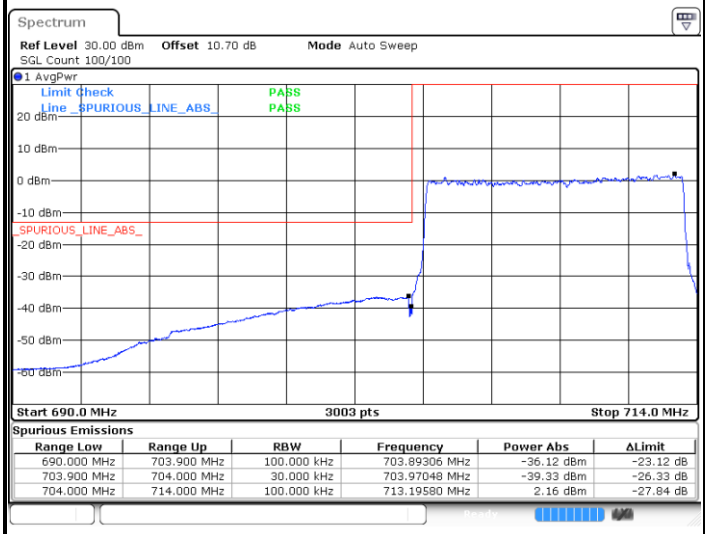


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.39560 MHz	18.11 dBm	-11.89 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00015 MHz	-44.68 dBm	-31.68 dB
716.100 MHz	725.000 MHz	100.000 kHz	717.06469 MHz	-36.58 dBm	-23.58 dB

Date: 21.JUN.2017 23:45:42

Lowest Band Edge / Full RB

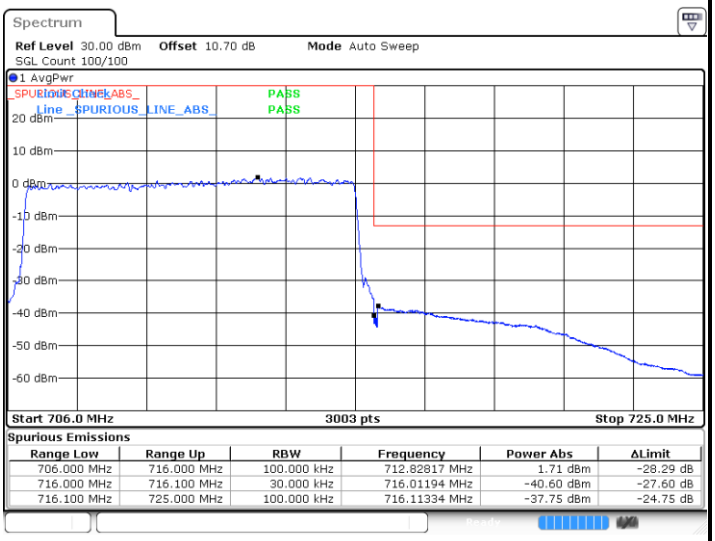


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-36.12 dBm	-23.12 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.97048 MHz	-39.33 dBm	-26.33 dB
704.000 MHz	714.000 MHz	100.000 kHz	713.19580 MHz	2.16 dBm	-27.84 dB

Date: 21.JUN.2017 23:42:06

Highest Band Edge / Full RB



Spurious Emissions

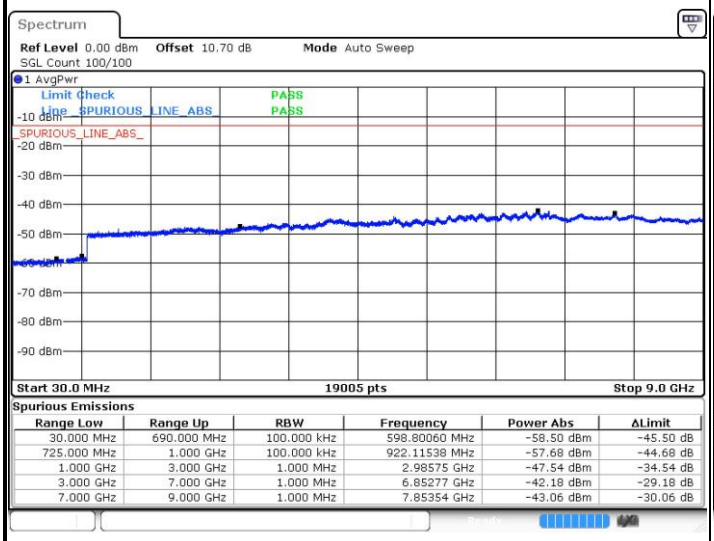
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	712.82817 MHz	1.71 dBm	-28.29 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01194 MHz	-40.60 dBm	-27.60 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-37.75 dBm	-24.75 dB

Date: 21.JUN.2017 23:46:51

Conducted Spurious Emission

LTE Band 17 / 5MHz

Lowest Channel / QPSK

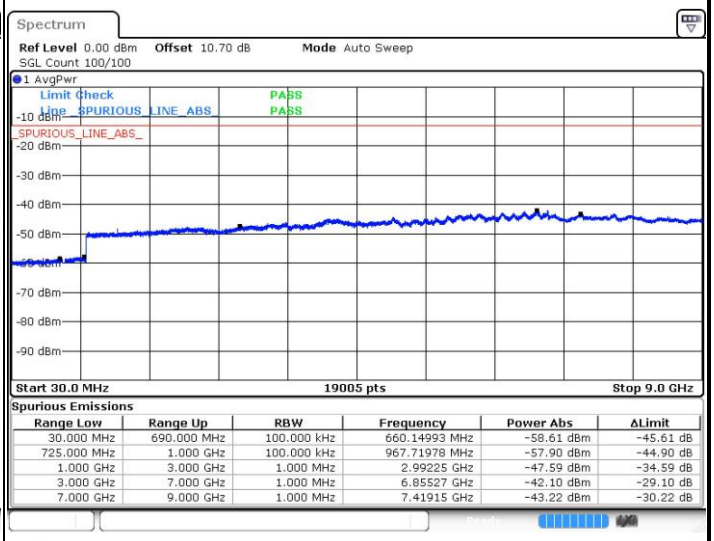


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	598.80060 MHz	-58.50 dBm	-45.50 dB
725.000 MHz	1.000 GHz	100.000 kHz	922.11538 MHz	-57.68 dBm	-44.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98575 GHz	-47.54 dBm	-34.54 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85277 GHz	-42.18 dBm	-29.18 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85354 GHz	-43.06 dBm	-30.06 dB

Date: 17.JUN.2017 19:59:34

Lowest Channel / 16QAM

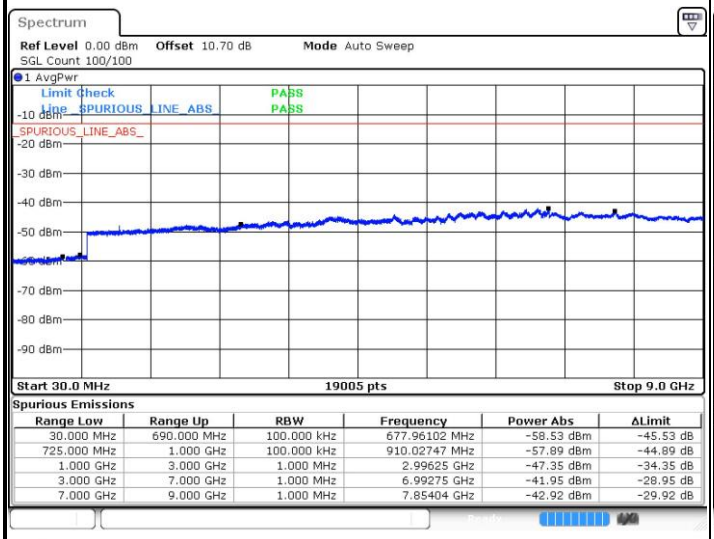


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	660.14993 MHz	-58.61 dBm	-45.61 dB
725.000 MHz	1.000 GHz	100.000 kHz	967.71978 MHz	-57.90 dBm	-44.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99225 GHz	-47.59 dBm	-34.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85527 GHz	-42.10 dBm	-29.10 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.41915 GHz	-43.22 dBm	-30.22 dB

Date: 17.JUN.2017 20:00:28

Middle Channel / QPSK

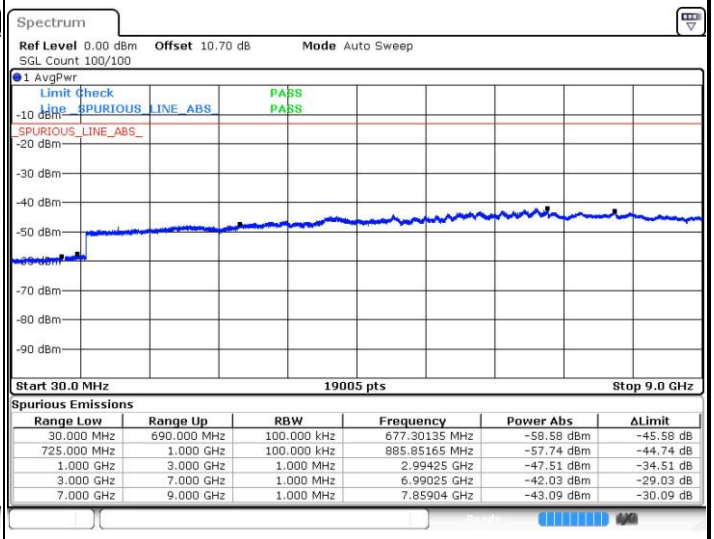


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	677.96102 MHz	-58.53 dBm	-45.53 dB
725.000 MHz	1.000 GHz	100.000 kHz	910.02747 MHz	-57.89 dBm	-44.89 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99625 GHz	-47.35 dBm	-34.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-41.95 dBm	-28.95 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85404 GHz	-42.92 dBm	-29.92 dB

Date: 17.JUN.2017 20:02:04

Middle Channel / 16QAM



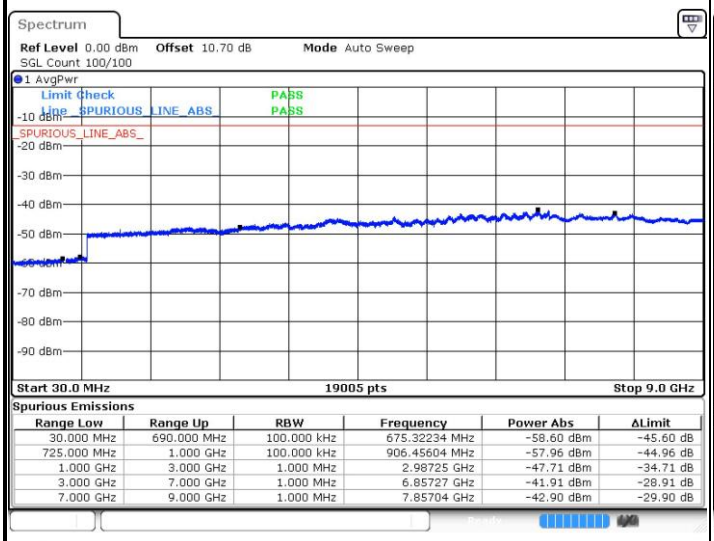
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	677.30135 MHz	-58.58 dBm	-45.58 dB
725.000 MHz	1.000 GHz	100.000 kHz	885.85165 MHz	-57.74 dBm	-44.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99425 GHz	-47.51 dBm	-34.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-42.03 dBm	-29.03 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85904 GHz	-43.09 dBm	-30.09 dB

Date: 17.JUN.2017 20:02:58

LTE Band 17 / 5MHz

Highest Channel / QPSK

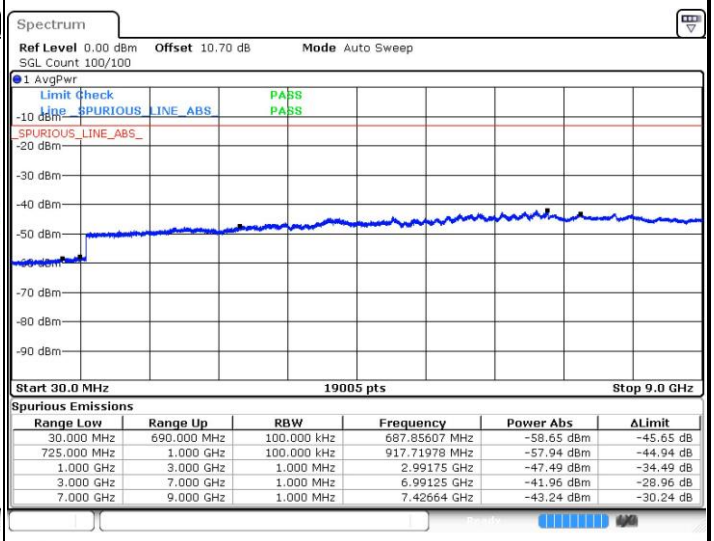


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	675.32234 MHz	-58.60 dBm	-45.60 dB
725.000 MHz	1.000 GHz	100.000 kHz	906.45604 MHz	-57.96 dBm	-44.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98725 GHz	-47.71 dBm	-34.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85727 GHz	-41.91 dBm	-28.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85704 GHz	-42.90 dBm	-29.90 dB

Date: 17.JUN.2017 20:09:10

Highest Channel / 16QAM



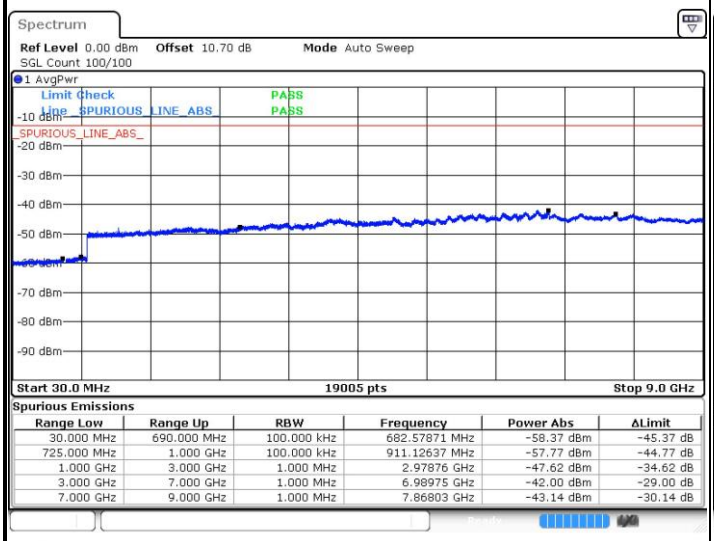
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	687.85607 MHz	-58.65 dBm	-45.65 dB
725.000 MHz	1.000 GHz	100.000 kHz	917.71978 MHz	-57.94 dBm	-44.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99175 GHz	-47.49 dBm	-34.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-41.96 dBm	-28.96 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.42664 GHz	-43.24 dBm	-30.24 dB

Date: 17.JUN.2017 20:10:04

LTE Band 17 / 10MHz

Lowest Channel / QPSK

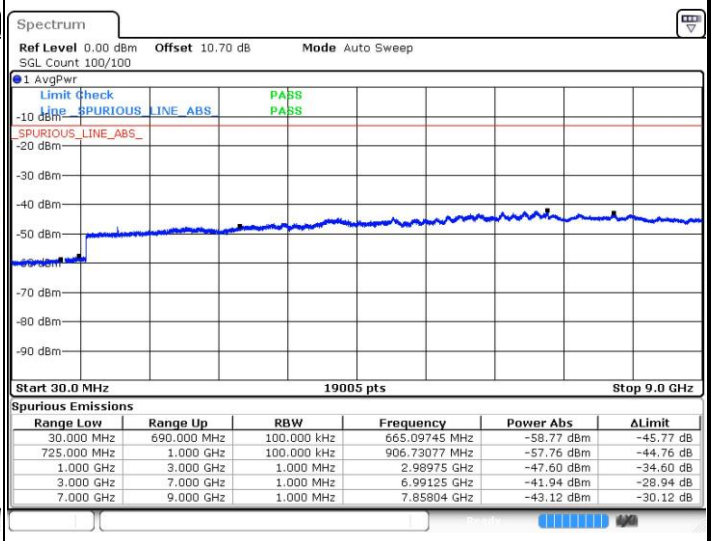


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	682.57871 MHz	-58.37 dBm	-45.37 dB
725.000 MHz	1.000 GHz	100.000 kHz	911.12637 MHz	-57.77 dBm	-44.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97876 GHz	-47.62 dBm	-34.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-42.00 dBm	-29.00 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86803 GHz	-43.14 dBm	-30.14 dB

Date: 17.JUN.2017 20:16:16

Lowest Channel / 16QAM



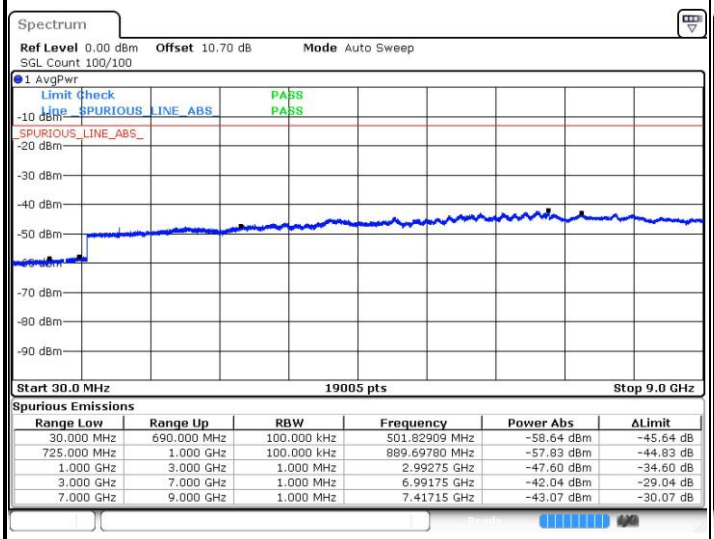
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	665.09745 MHz	-58.77 dBm	-45.77 dB
725.000 MHz	1.000 GHz	100.000 kHz	906.73077 MHz	-57.76 dBm	-44.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98975 GHz	-47.60 dBm	-34.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-41.94 dBm	-28.94 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85804 GHz	-43.12 dBm	-30.12 dB

Date: 17.JUN.2017 20:17:11

LTE Band 17 / 10MHz

Middle Channel / QPSK

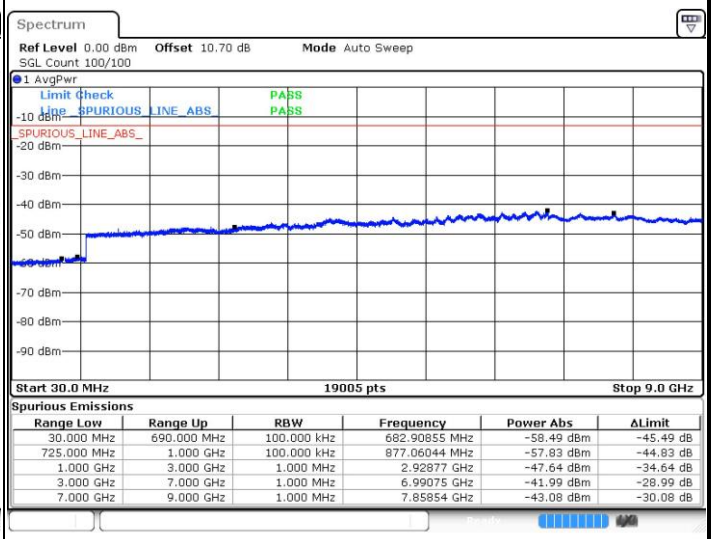


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	501.82909 MHz	-58.64 dBm	-45.64 dB
725.000 MHz	1.000 GHz	100.000 kHz	889.69780 MHz	-57.83 dBm	-44.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99275 GHz	-47.60 dBm	-34.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-42.04 dBm	-29.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.41715 GHz	-43.07 dBm	-30.07 dB

Date: 17.JUN.2017 20:18:46

Middle Channel / 16QAM

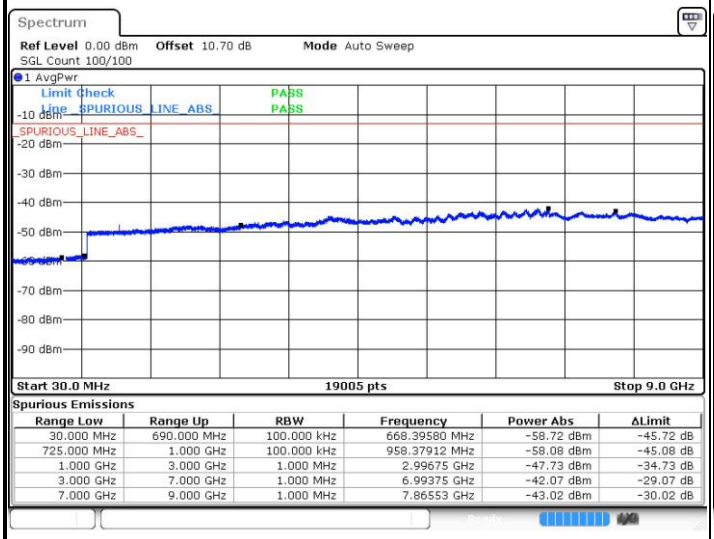


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	682.90855 MHz	-58.49 dBm	-45.49 dB
725.000 MHz	1.000 GHz	100.000 kHz	877.06044 MHz	-57.83 dBm	-44.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.92877 GHz	-47.64 dBm	-34.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-41.99 dBm	-28.99 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85854 GHz	-43.08 dBm	-30.08 dB

Date: 17.JUN.2017 20:19:40

Highest Channel / QPSK

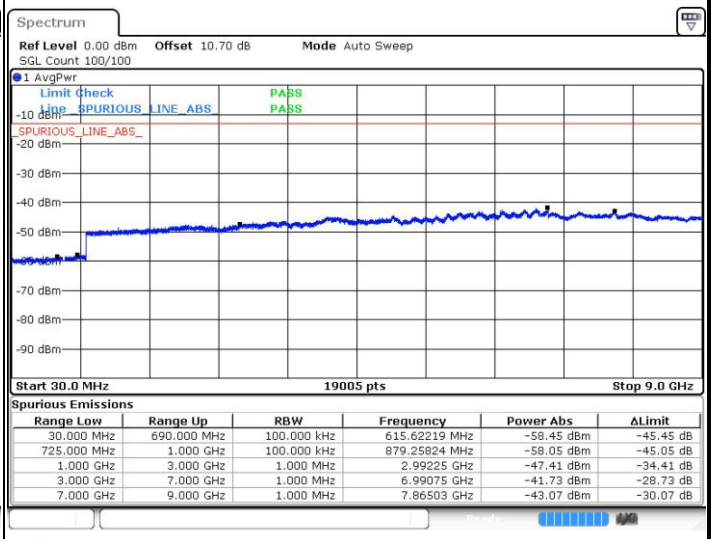


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	668.39580 MHz	-58.72 dBm	-45.72 dB
725.000 MHz	1.000 GHz	100.000 kHz	958.37912 MHz	-58.08 dBm	-45.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99675 GHz	-47.73 dBm	-34.73 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-42.07 dBm	-29.07 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86553 GHz	-43.02 dBm	-30.02 dB

Date: 17.JUN.2017 20:43:49

Highest Channel / 16QAM



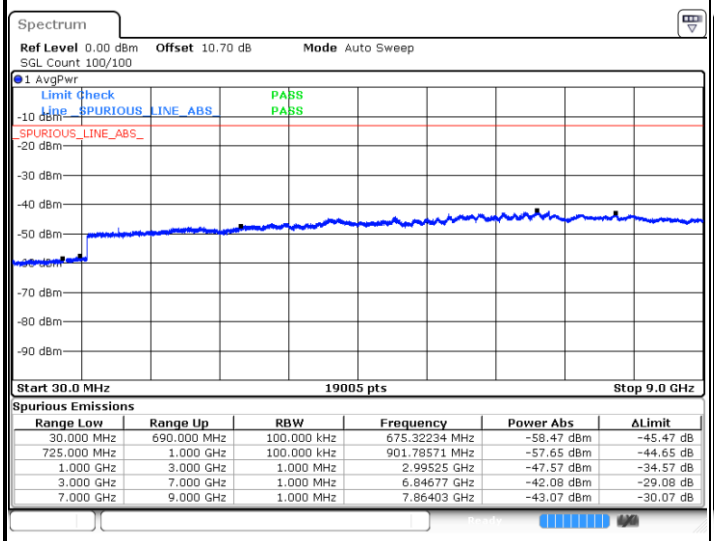
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	615.62219 MHz	-58.45 dBm	-45.45 dB
725.000 MHz	1.000 GHz	100.000 kHz	879.25824 MHz	-58.05 dBm	-45.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99225 GHz	-47.41 dBm	-34.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-41.73 dBm	-28.73 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86503 GHz	-43.07 dBm	-30.07 dB

Date: 17.JUN.2017 20:44:43

LTE Band 17 / 5MHz

Lowest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	675.32234 MHz	-58.47 dBm	-45.47 dB
725.000 MHz	1.000 GHz	100.000 kHz	901.78571 MHz	-57.65 dBm	-44.65 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99525 GHz	-47.57 dBm	-34.57 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84677 GHz	-42.08 dBm	-29.08 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86403 GHz	-43.07 dBm	-30.07 dB

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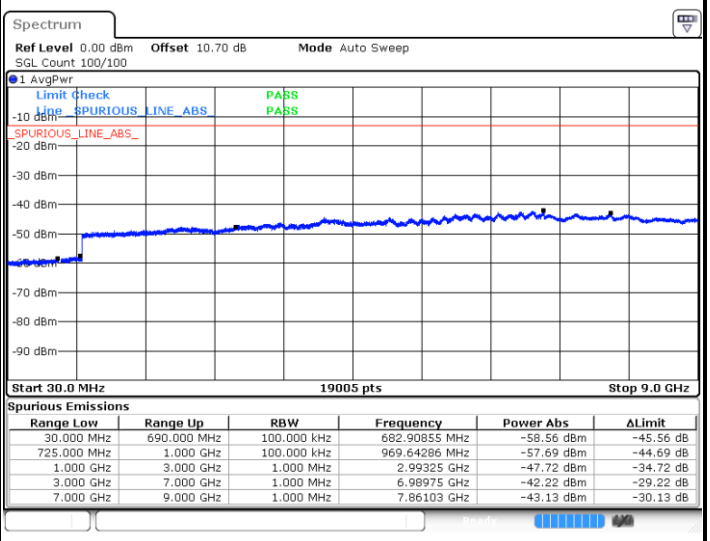
Middle Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	682.90855 MHz	-58.56 dBm	-45.56 dB
725.000 MHz	1.000 GHz	100.000 kHz	969.64286 MHz	-57.69 dBm	-44.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99325 GHz	-47.72 dBm	-34.72 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-42.22 dBm	-29.22 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86103 GHz	-43.13 dBm	-30.13 dB

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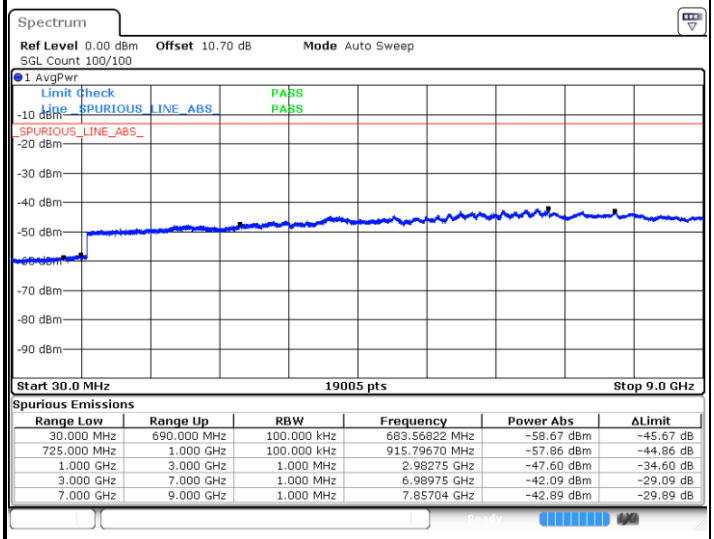
Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	683.56822 MHz	-58.67 dBm	-45.67 dB
725.000 MHz	1.000 GHz	100.000 kHz	915.79670 MHz	-57.86 dBm	-44.86 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98275 GHz	-47.60 dBm	-34.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-42.09 dBm	-29.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85704 GHz	-42.89 dBm	-29.89 dB

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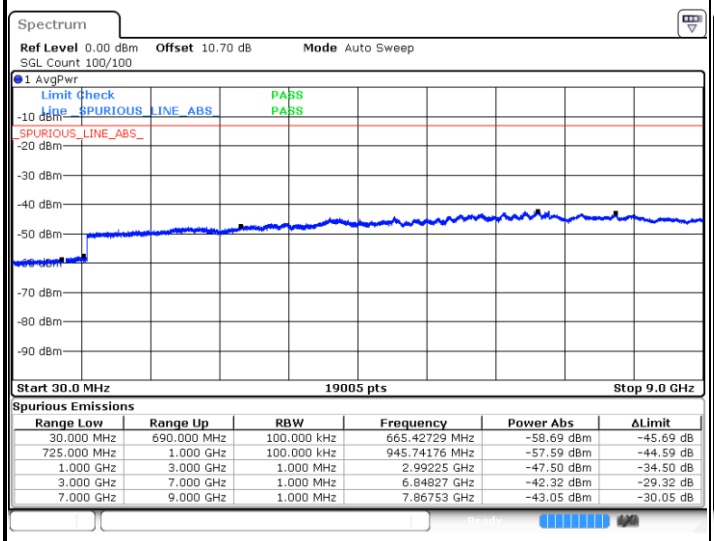
LTE Band 17 / 10MHz

Lowest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	665.42729 MHz	-58.69 dBm	-45.69 dB
725.000 MHz	1.000 GHz	100.000 kHz	945.74176 MHz	-57.59 dBm	-44.59 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99225 GHz	-47.50 dBm	-34.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84827 GHz	-42.32 dBm	-29.32 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86753 GHz	-43.05 dBm	-30.05 dB

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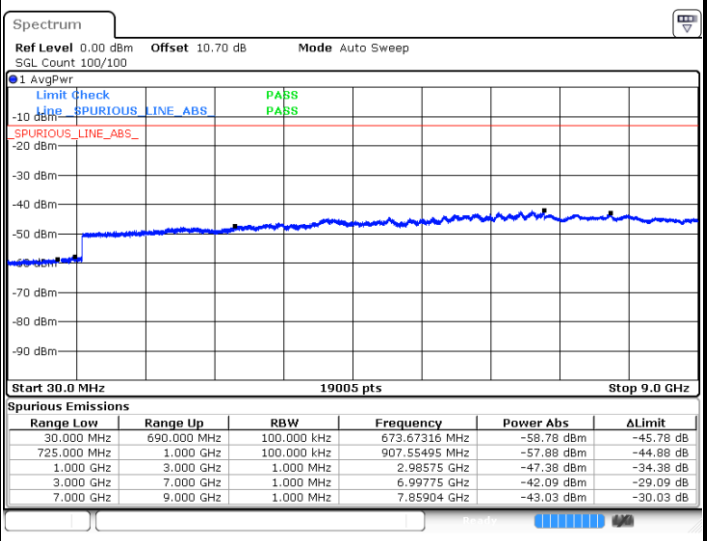
Middle Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	673.67316 MHz	-58.78 dBm	-45.78 dB
725.000 MHz	1.000 GHz	100.000 kHz	907.55495 MHz	-57.88 dBm	-44.88 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98575 GHz	-47.38 dBm	-34.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-42.09 dBm	-29.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85904 GHz	-43.03 dBm	-30.03 dB

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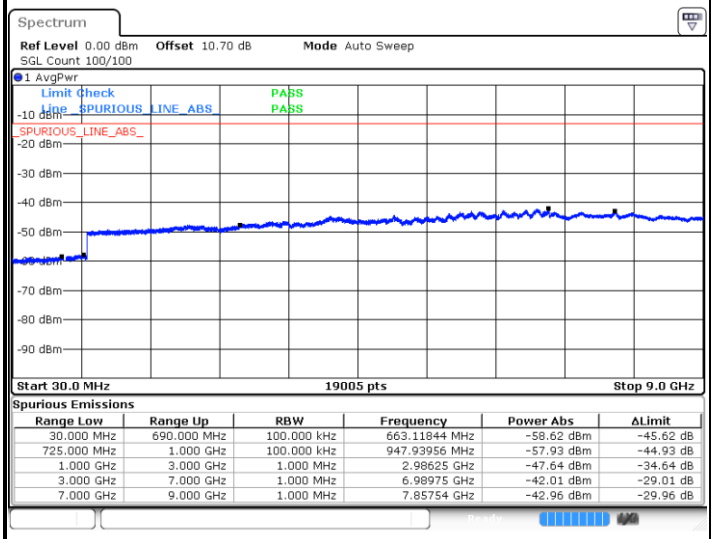
Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	663.11844 MHz	-58.62 dBm	-45.62 dB
725.000 MHz	1.000 GHz	100.000 kHz	947.93956 MHz	-57.93 dBm	-44.93 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98625 GHz	-47.64 dBm	-34.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-42.01 dBm	-29.01 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85754 GHz	-42.96 dBm	-29.96 dB

Date: 21.JUN.2017 23:47:46

Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0035	PASS
40	Normal Voltage	0.0037	
30	Normal Voltage	0.0051	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0049	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0044	
20	Maximum Voltage	0.0034	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.3 V.；Battery End Point (BEP) =3.1 V.；Maximum Voltage =3.6 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

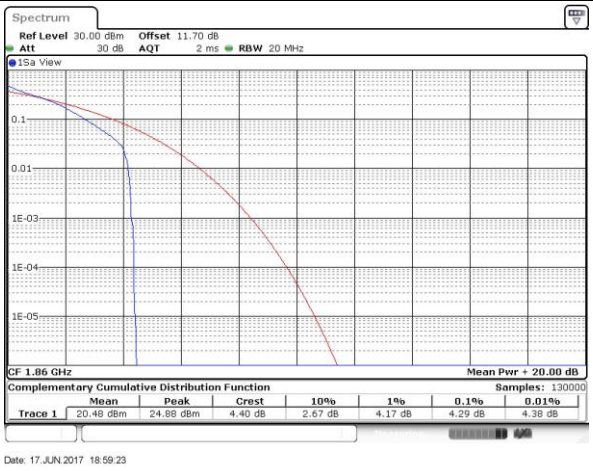
LTE Band 25

Peak-to-Average Ratio

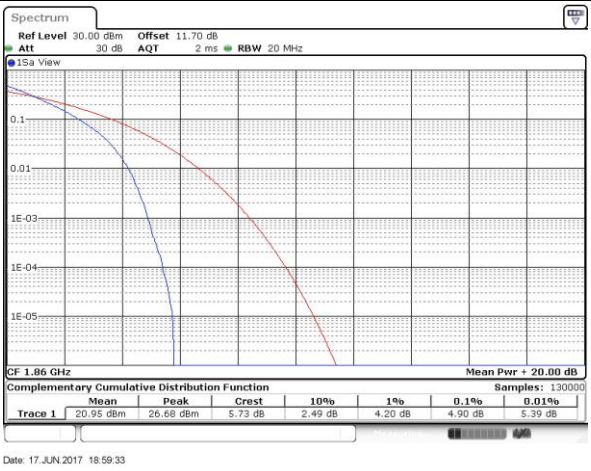
Mode	LTE Band 25 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.29	4.9	5.19	5.8	PASS
Middle CH	4.55	5.01	5.25	5.8	
Highest CH	4.41	5.01	4.96	5.97	
Mode	LTE Band 25 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.49	6.29			PASS
Middle CH	6.58	6.43			
Highest CH	6.26	6.41			

LTE Band 25 / 20MHz / QPSK

Lowest Channel / 1RB

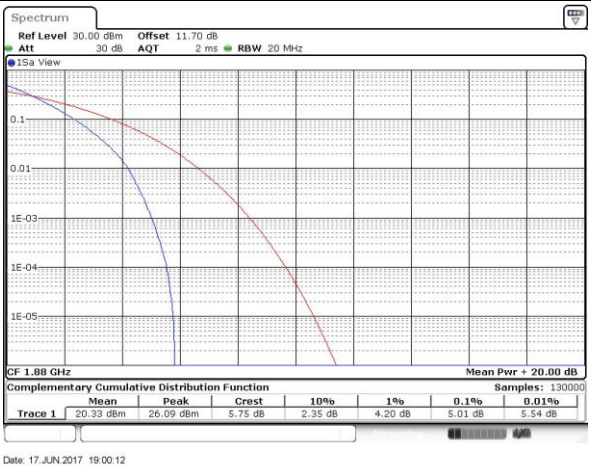


Lowest Channel / Full RB



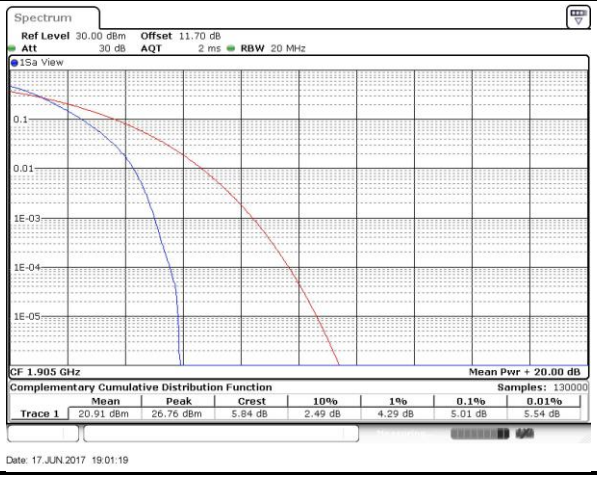
Middle Channel / 1RB

Middle Channel / Full RB



Highest Channel / 1RB

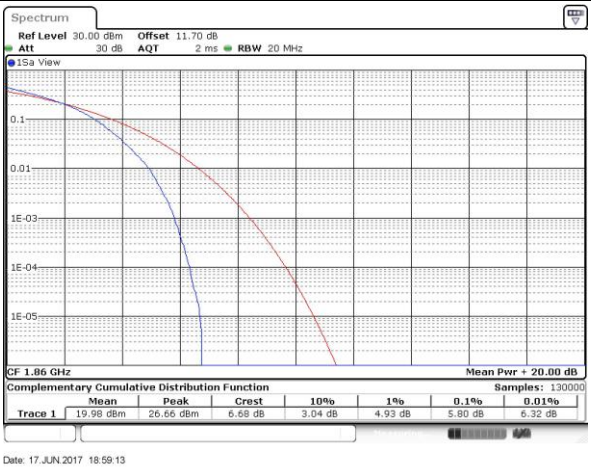
Highest Channel / Full RB



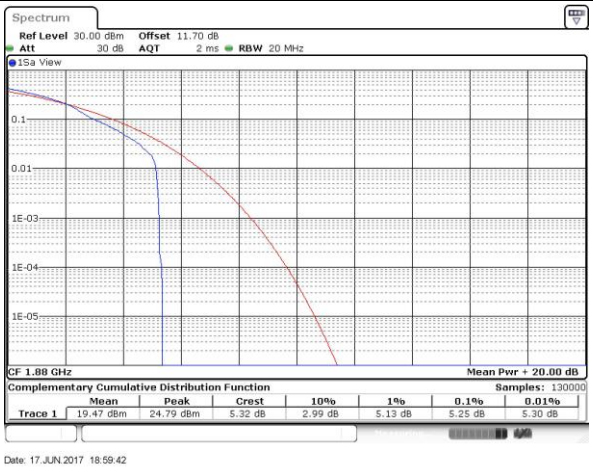
LTE Band 25 / 20MHz / 16QAM

Lowest Channel / 1RB

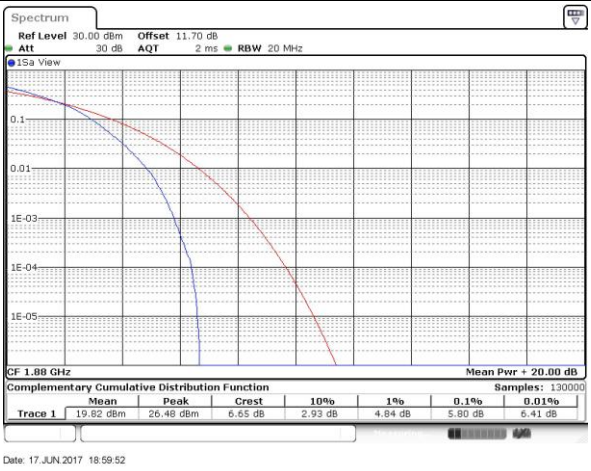
Lowest Channel / Full RB

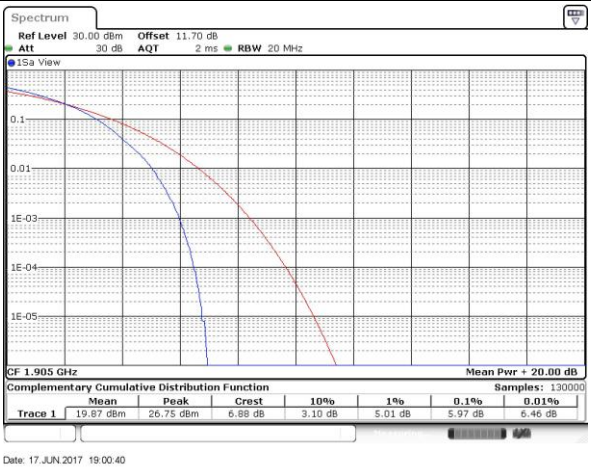


Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB

Highest Channel / Full RB