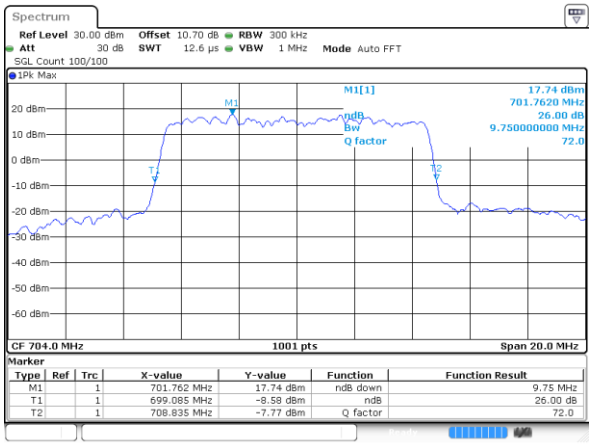
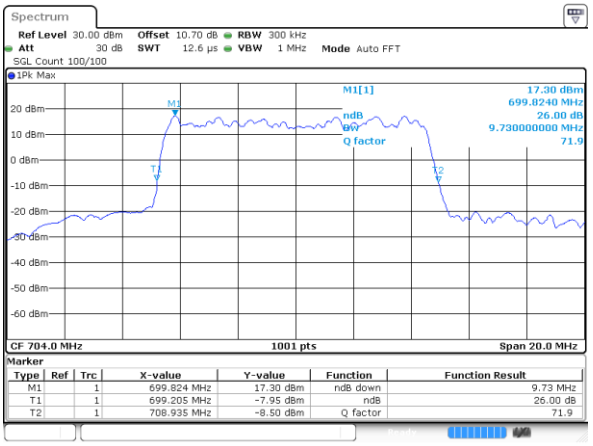
LTE Band 12

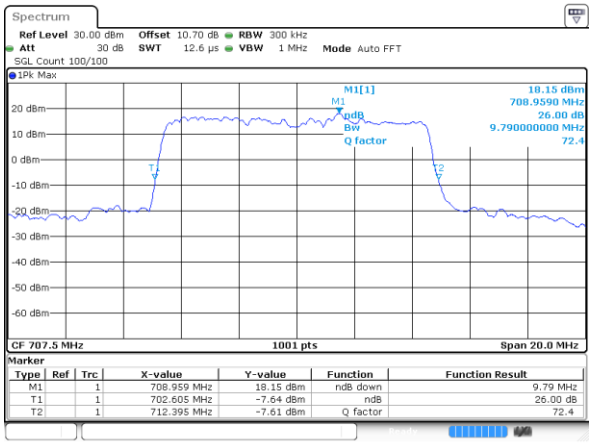
Lowest Channel / 10MHz / QPSK



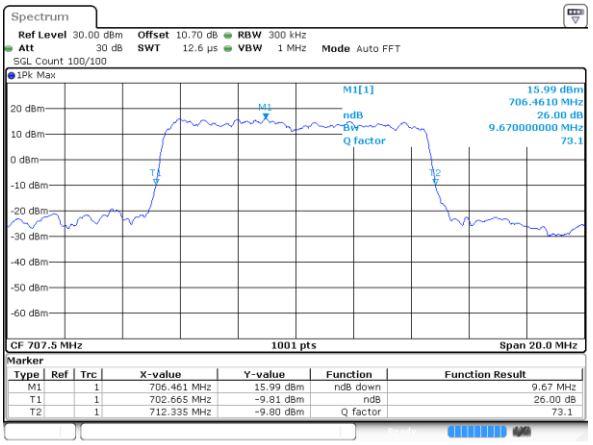
Lowest Channel / 10MHz / 16QAM



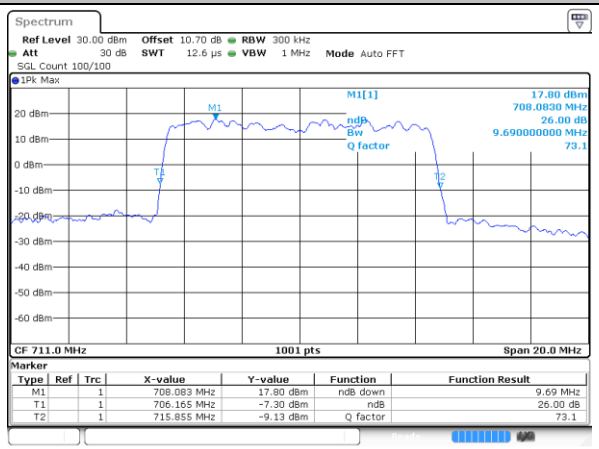
Middle Channel / 10MHz / QPSK



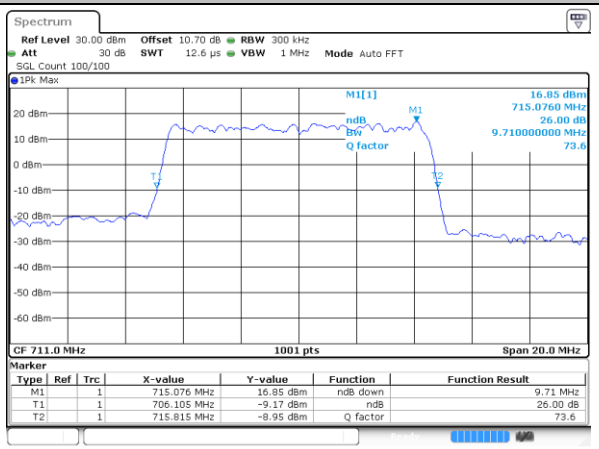
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

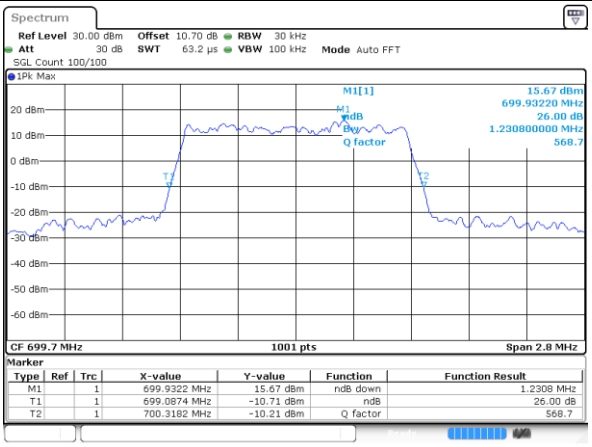


Highest Channel / 10MHz / 16QAM

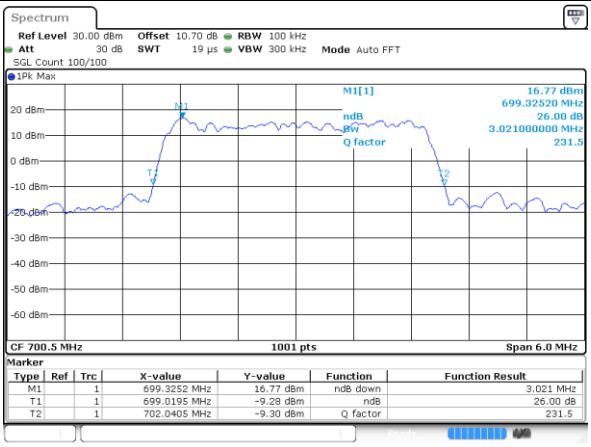


LTE Band 12

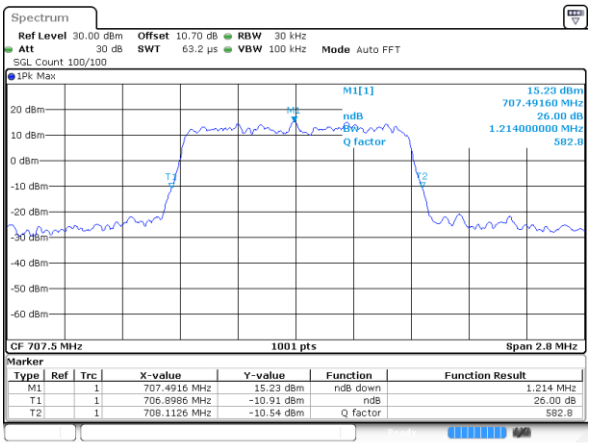
Lowest Channel / 1.4MHz / 64QAM



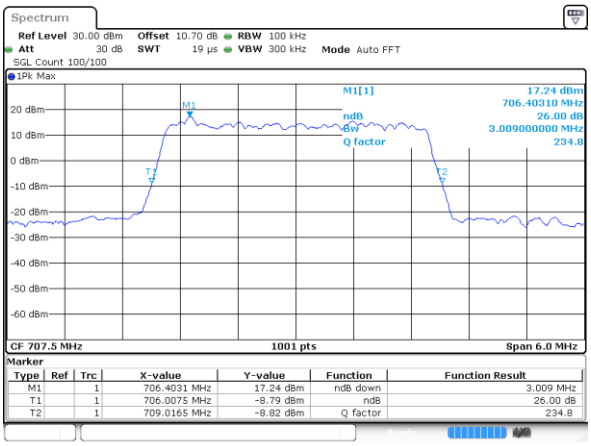
Lowest Channel / 3MHz / 64QAM



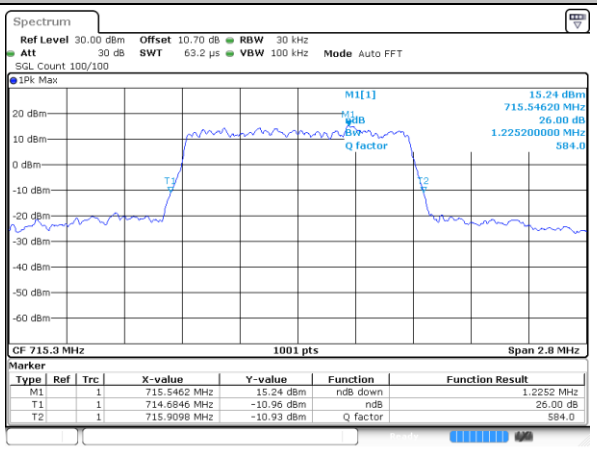
Middle Channel / 1.4MHz / 64QAM



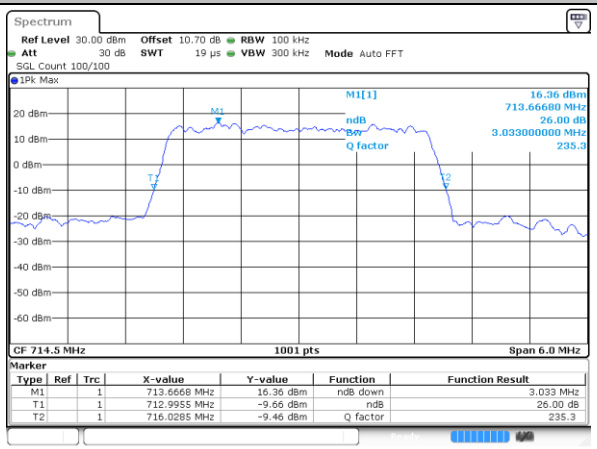
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

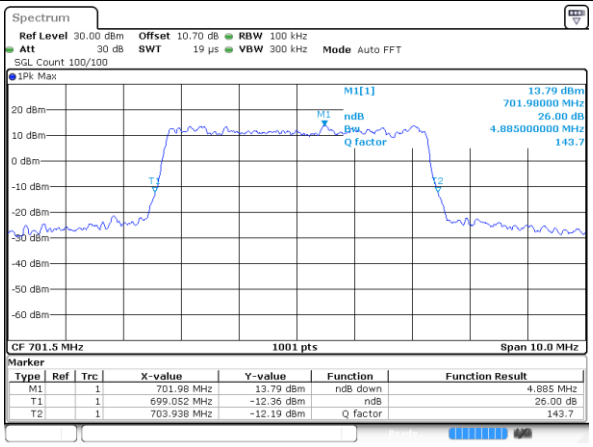


Highest Channel / 3MHz / 64QAM

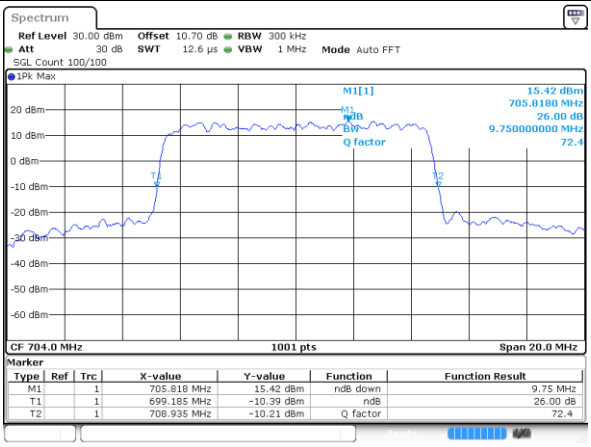


LTE Band 12

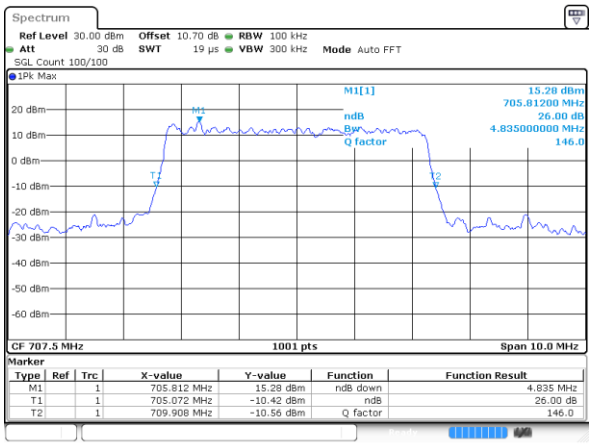
Lowest Channel / 5MHz / 64QAM



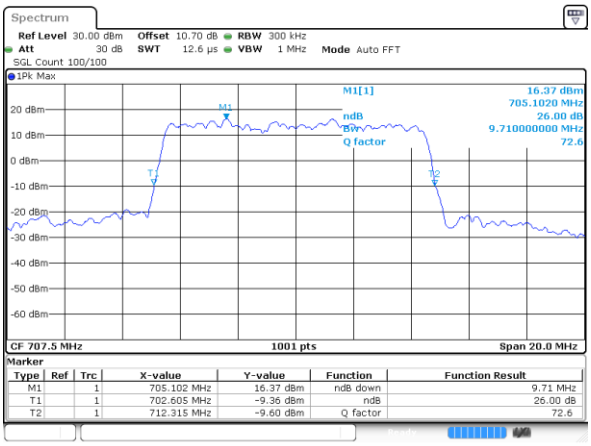
Lowest Channel / 10MHz / 64QAM



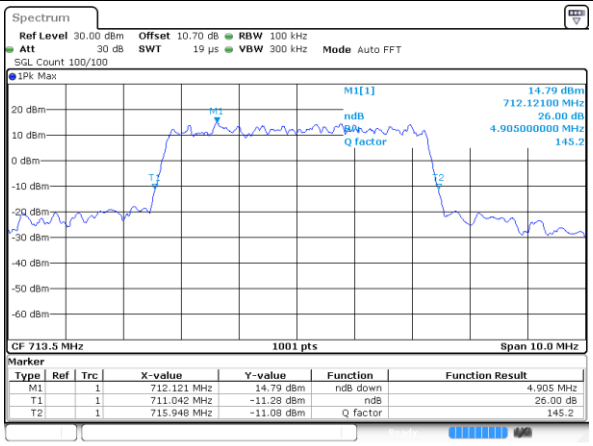
Middle Channel / 5MHz / 64QAM



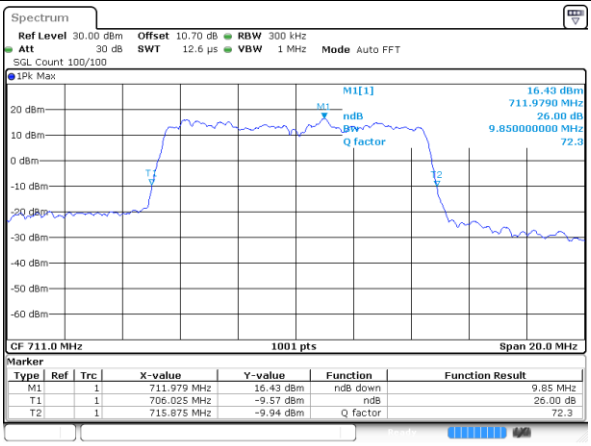
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

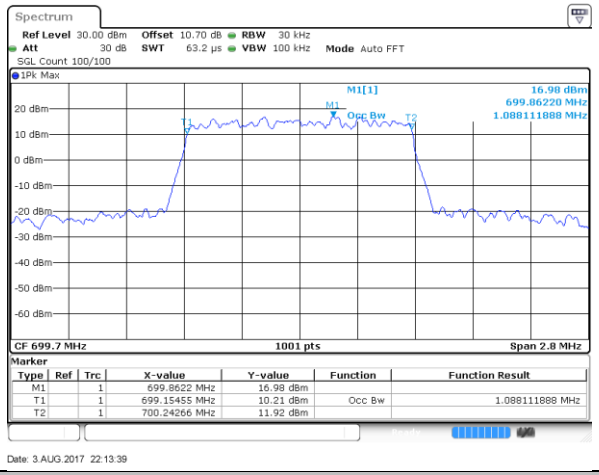


Occupied Bandwidth

Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.7	2.73	4.49	4.51	9.11	8.99	-	-	-	-
Middle CH	1.09	1.09	2.7	2.75	4.48	4.5	9.05	9.03	-	-	-	-
Highest CH	1.1	1.09	2.75	2.73	4.49	4.47	9.03	9.01	-	-	-	-
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.74	-	4.5	-	8.97	-	-	-	-	-
Middle CH	1.09	-	2.72	-	4.49	-	9.07	-	-	-	-	-
Highest CH	1.09	-	2.72	-	4.49	-	9.05	-	-	-	-	-

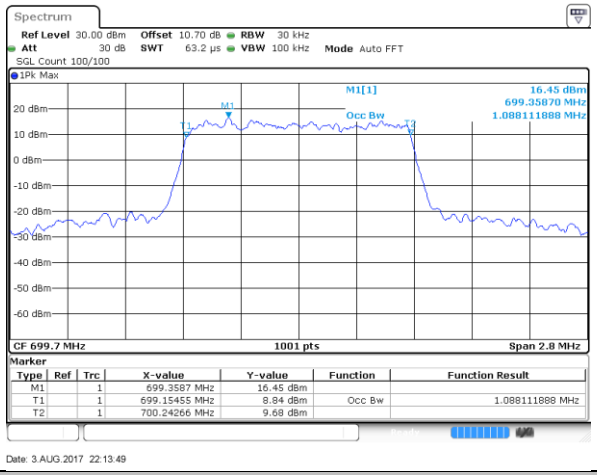
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



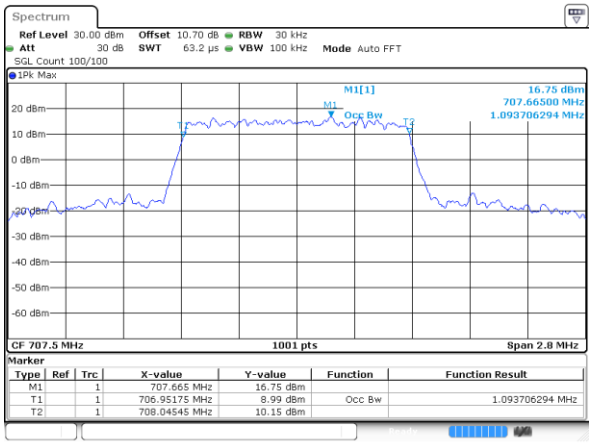
Date: 3.AUG.2017 22:13:39

Lowest Channel / 1.4MHz / 16QAM



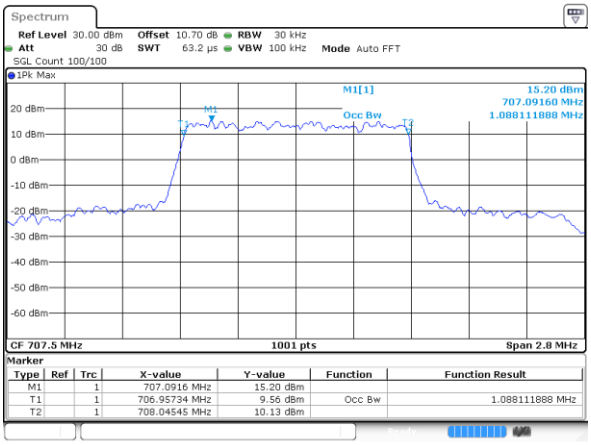
Date: 3.AUG.2017 22:13:49

Middle Channel / 1.4MHz / QPSK



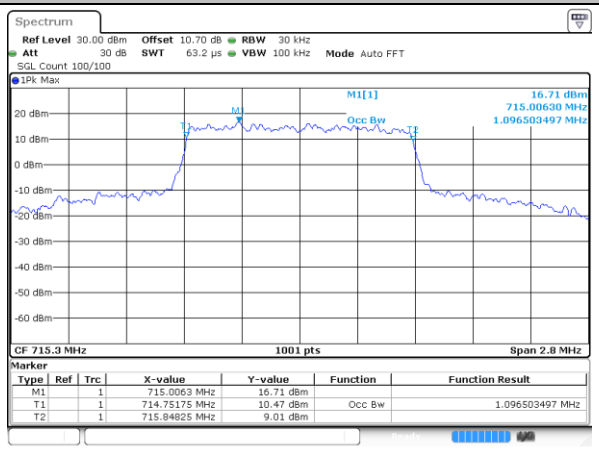
Date: 3.AUG.2017 22:20:51

Middle Channel / 1.4MHz / 16QAM



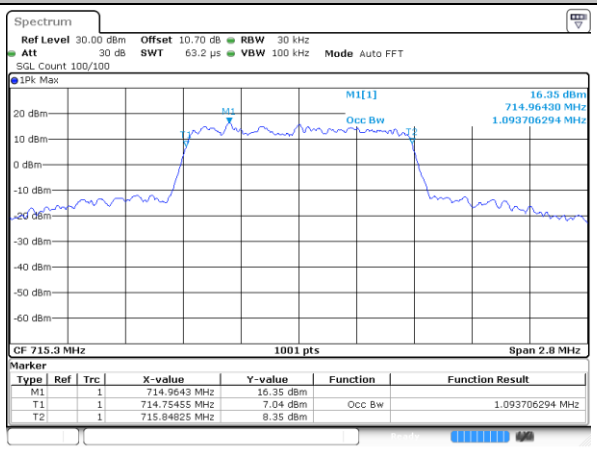
Date: 3.AUG.2017 22:20:41

Highest Channel / 1.4MHz / QPSK



Date: 3.AUG.2017 22:23:09

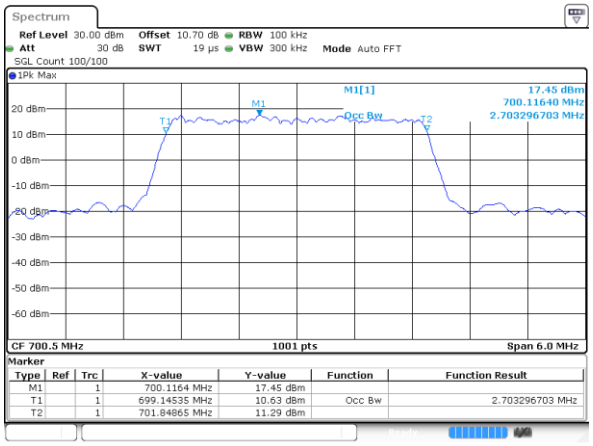
Highest Channel / 1.4MHz / 16QAM



Date: 3.AUG.2017 22:23:19

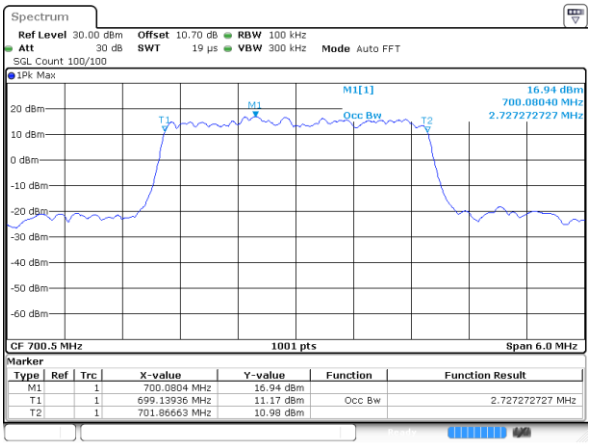
LTE Band 12

Lowest Channel / 3MHz / QPSK



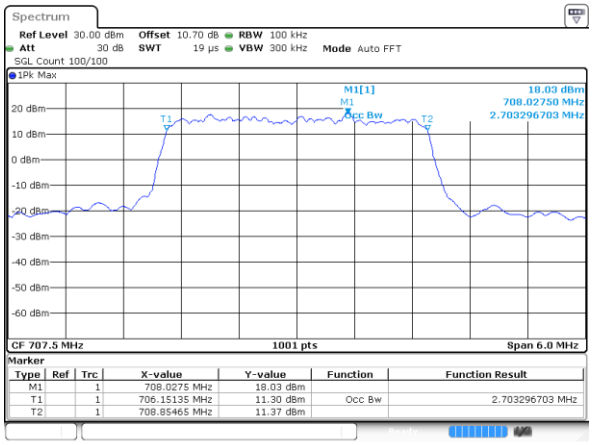
Date: 3.AUG.2017 20:52:44

Lowest Channel / 3MHz / 16QAM



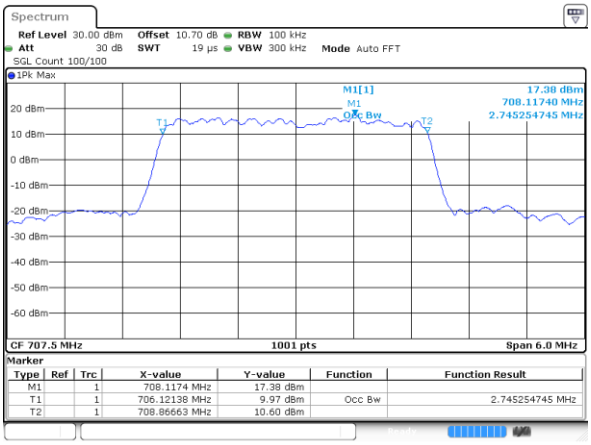
Date: 3.AUG.2017 20:52:54

Middle Channel / 3MHz / QPSK



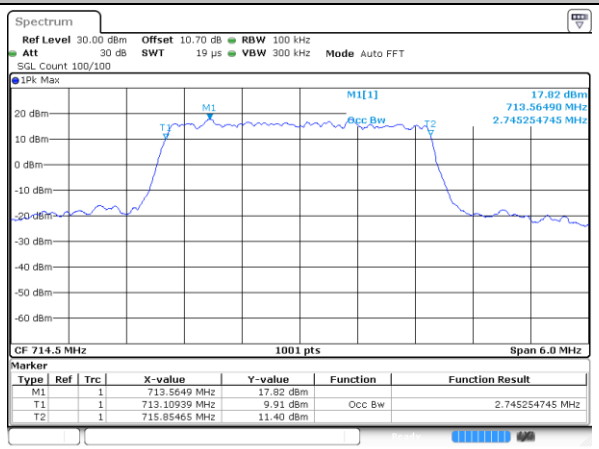
Date: 3.AUG.2017 20:59:56

Middle Channel / 3MHz / 16QAM



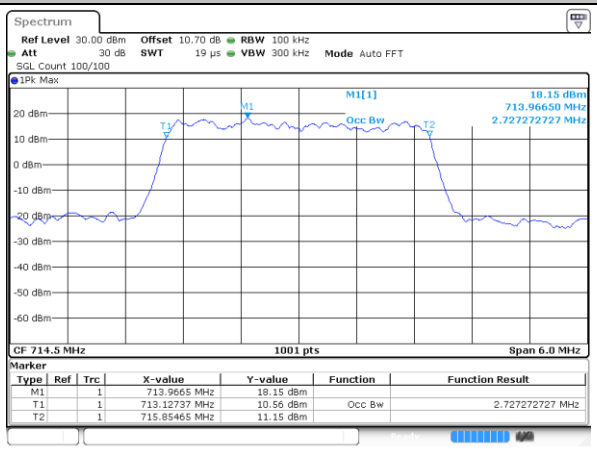
Date: 3.AUG.2017 20:59:46

Highest Channel / 3MHz / QPSK



Date: 3.AUG.2017 21:02:14

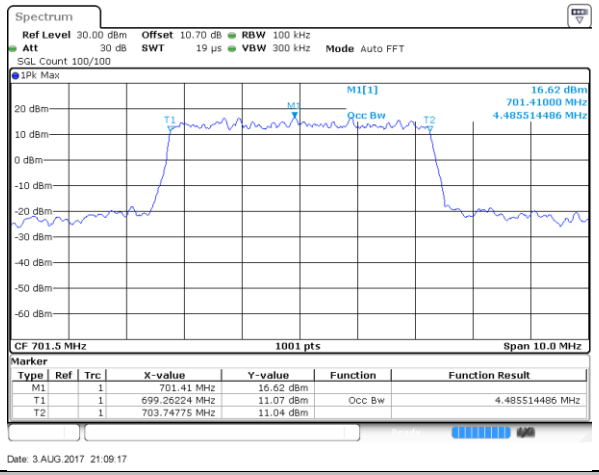
Highest Channel / 3MHz / 16QAM



Date: 3.AUG.2017 21:02:24

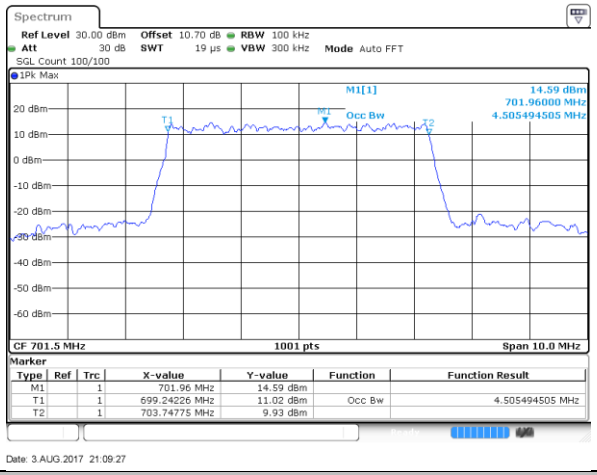
LTE Band 12

Lowest Channel / 5MHz / QPSK



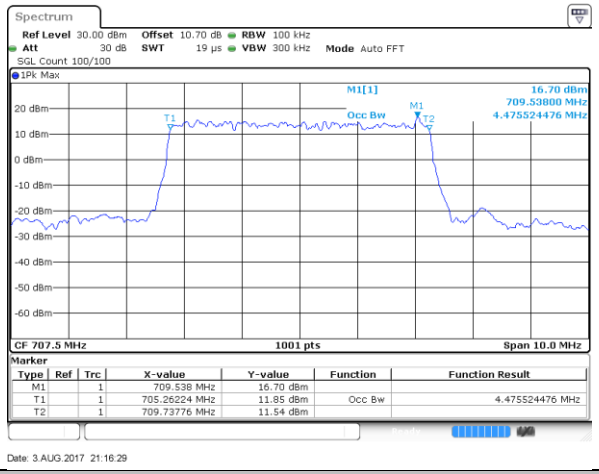
Date: 3.AUG.2017 21:09:17

Lowest Channel / 5MHz / 16QAM



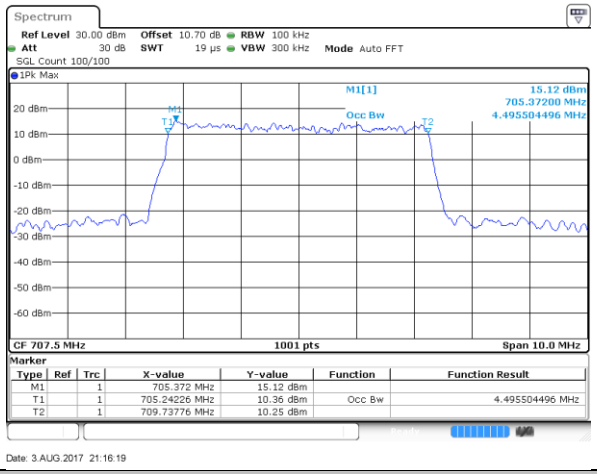
Date: 3.AUG.2017 21:09:27

Middle Channel / 5MHz / QPSK



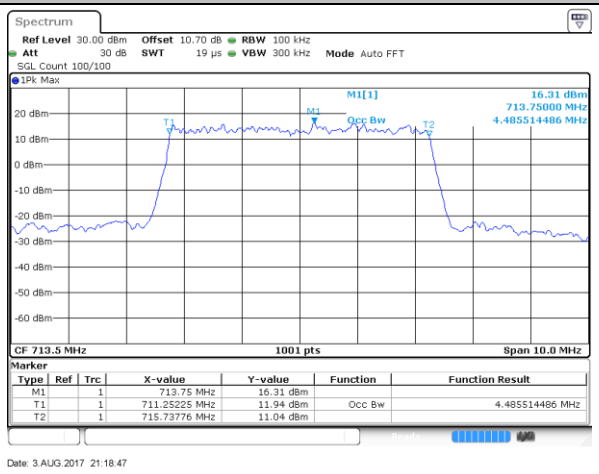
Date: 3.AUG.2017 21:16:29

Middle Channel / 5MHz / 16QAM



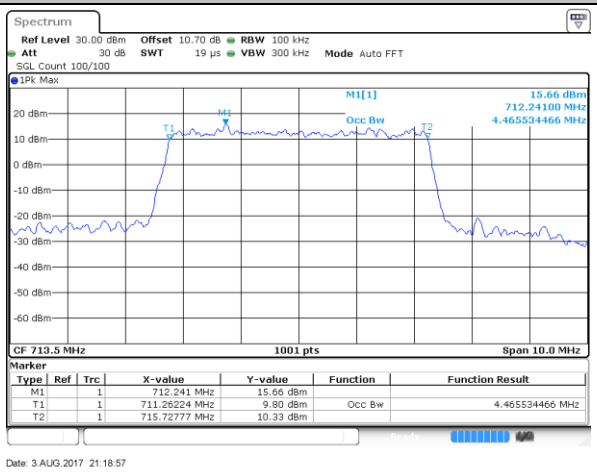
Date: 3.AUG.2017 21:16:19

Highest Channel / 5MHz / QPSK



Date: 3.AUG.2017 21:18:47

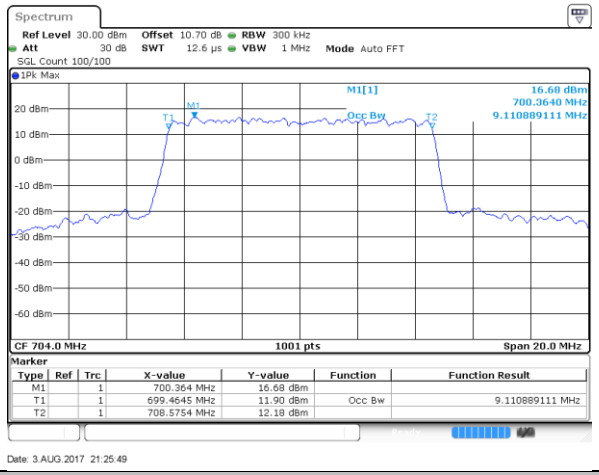
Highest Channel / 5MHz / 16QAM



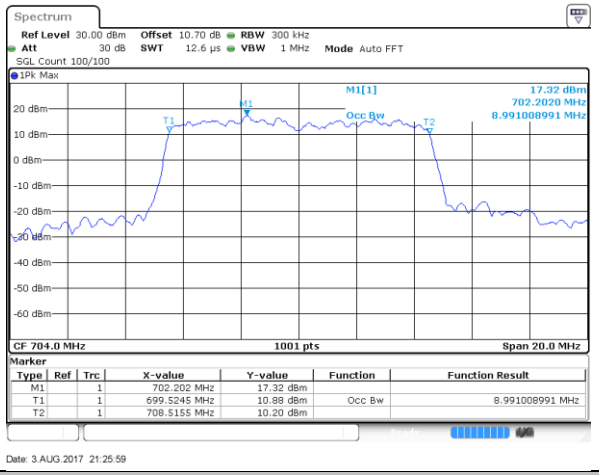
Date: 3.AUG.2017 21:18:57

LTE Band 12

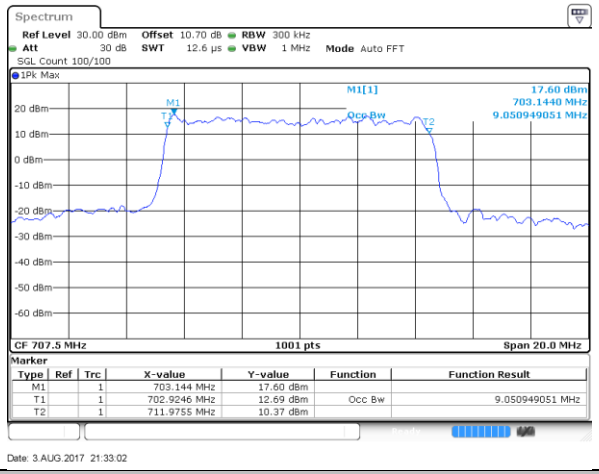
Lowest Channel / 10MHz / QPSK



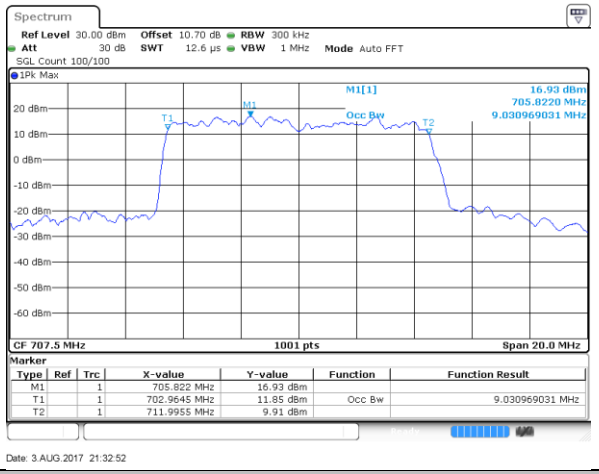
Lowest Channel / 10MHz / 16QAM



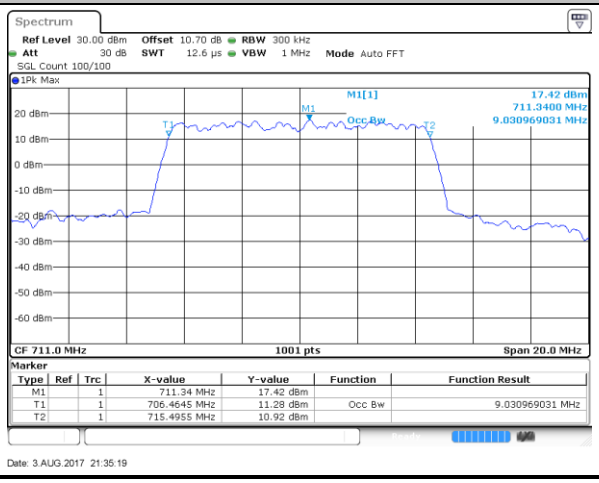
Middle Channel / 10MHz / QPSK



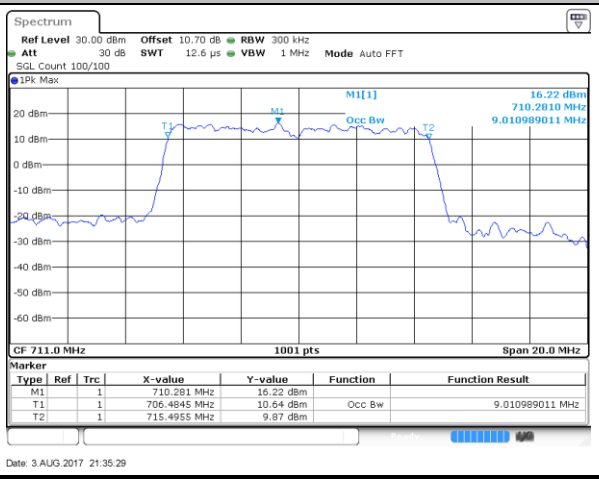
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

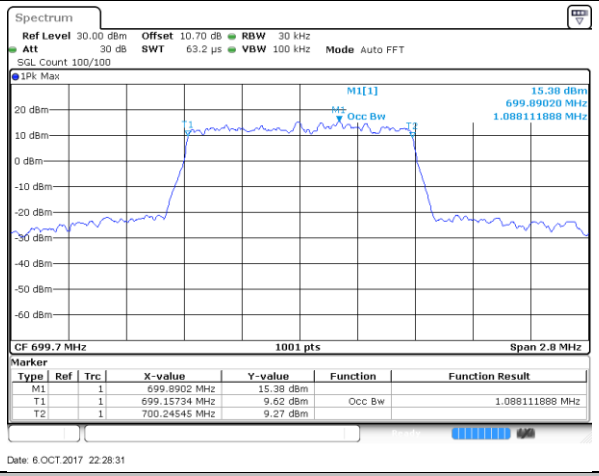


Highest Channel / 10MHz / 16QAM



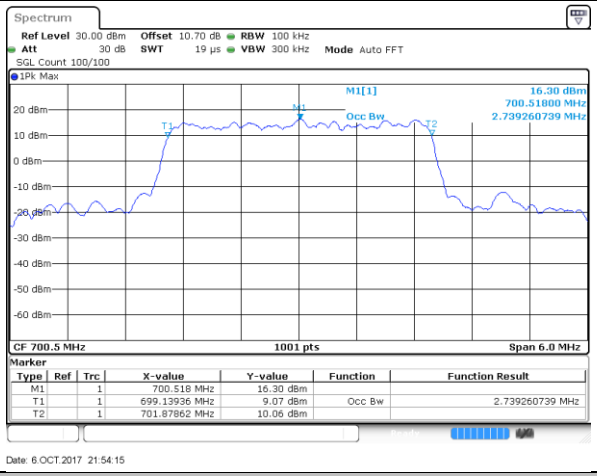
LTE Band 12

Lowest Channel / 1.4MHz / 64QAM



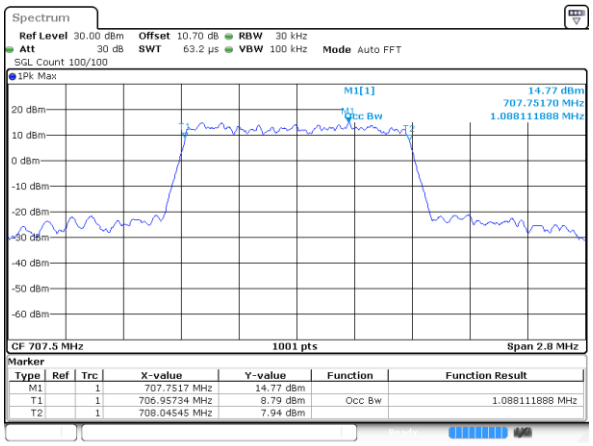
Date: 6.OCT.2017 22:28:31

Lowest Channel / 3MHz / 64QAM



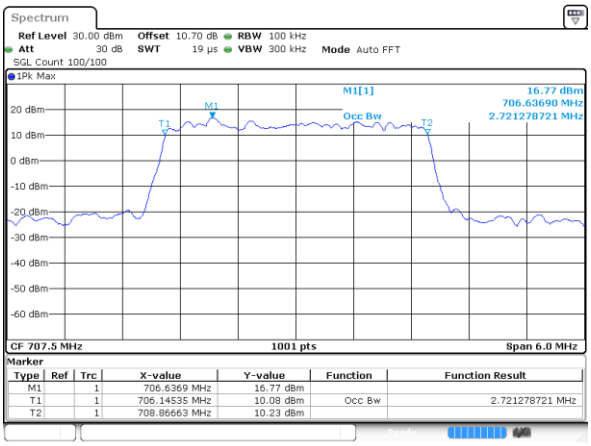
Date: 6.OCT.2017 21:54:15

Middle Channel / 1.4MHz / 64QAM



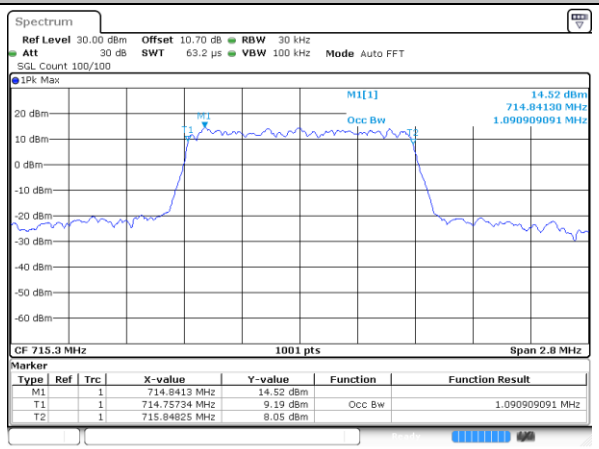
Date: 6.OCT.2017 22:32:02

Middle Channel / 3MHz / 64QAM



Date: 6.OCT.2017 22:07:13

Highest Channel / 1.4MHz / 64QAM



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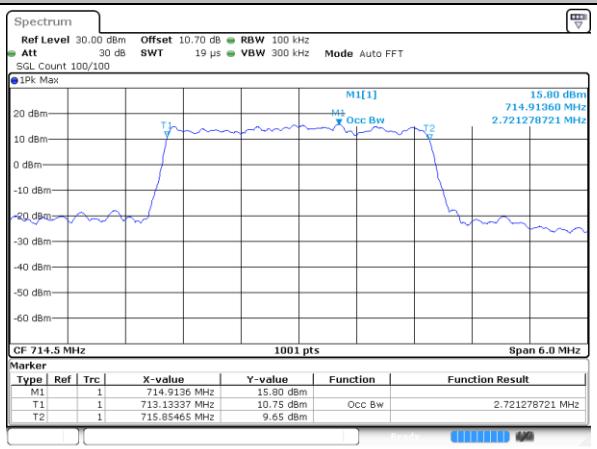
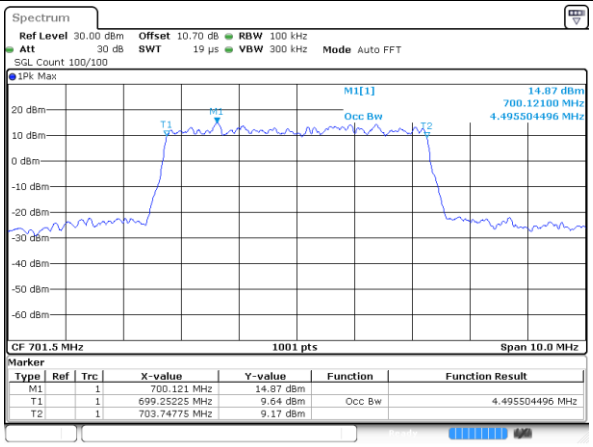
Highest Channel / 3MHz / 64QAM



Date: 6.OCT.2017 22:08:27

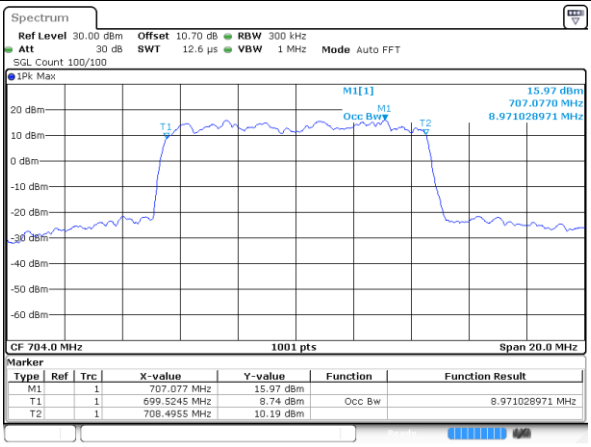
LTE Band 12

Lowest Channel / 5MHz / 64QAM



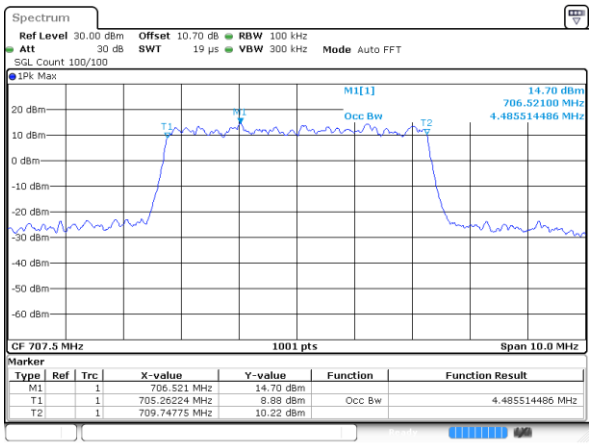
Date: 6.OCT.2017 22:11:58

Lowest Channel / 10MHz / 64QAM



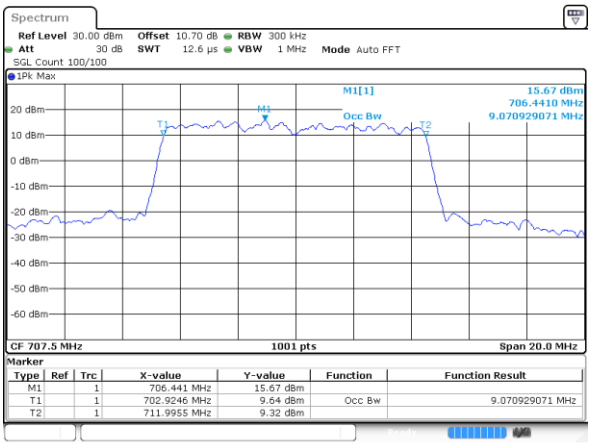
Date: 6.OCT.2017 22:20:15

Middle Channel / 5MHz / 64QAM



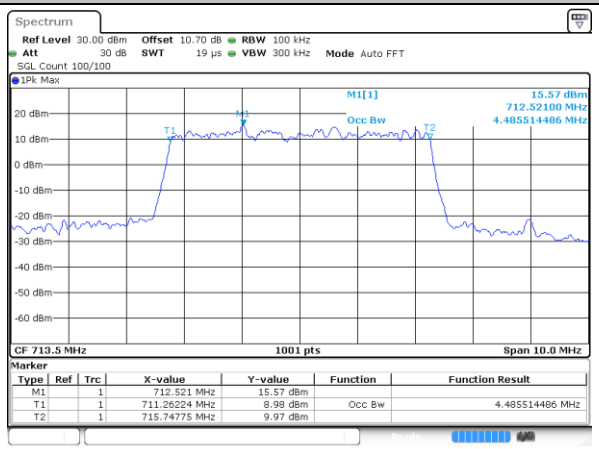
Date: 6.OCT.2017 22:15:30

Middle Channel / 10MHz / 64QAM



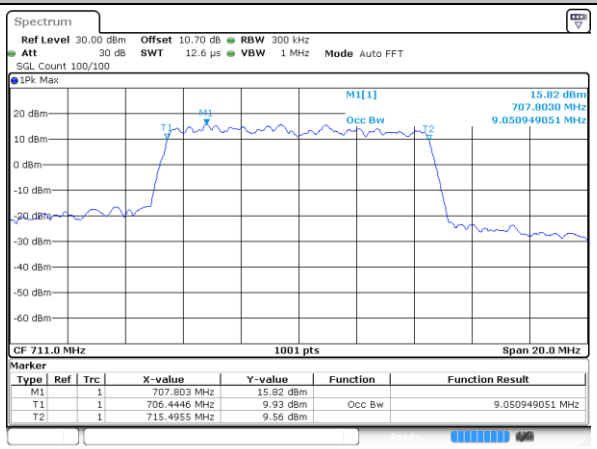
Date: 6.OCT.2017 22:23:46

Highest Channel / 5MHz / 64QAM



Date: 6.OCT.2017 22:16:43

Highest Channel / 10MHz / 64QAM

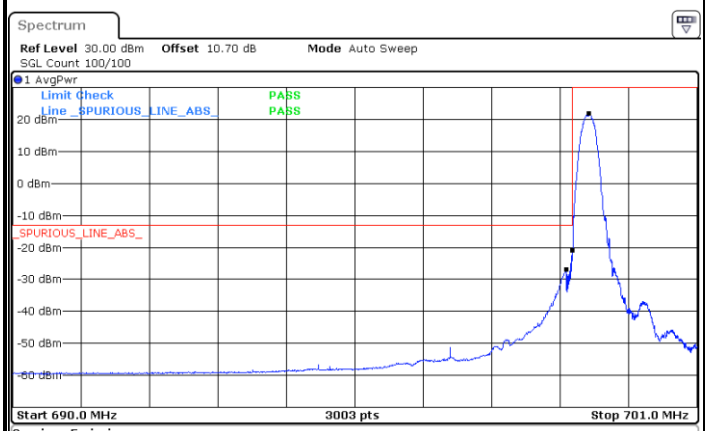


Date: 6.OCT.2017 22:25:00

Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1 RB

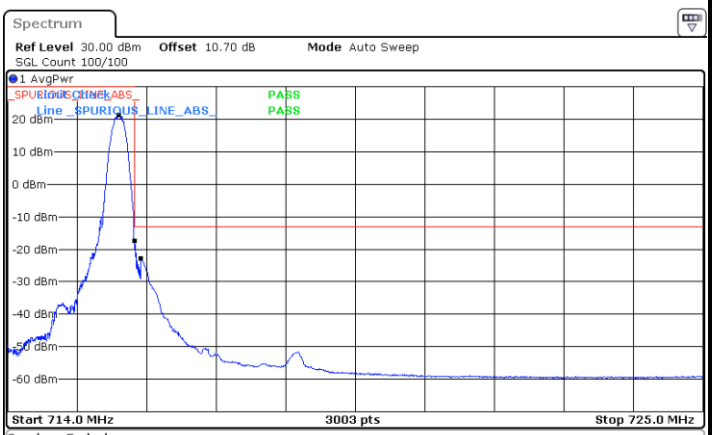


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-26.83 dBm	-13.83 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99885 MHz	-21.03 dBm	-8.03 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.26474 MHz	21.74 dBm	-8.26 dB

Date: 3.AUG.2017 22:18:43

Highest Band Edge / 1RB

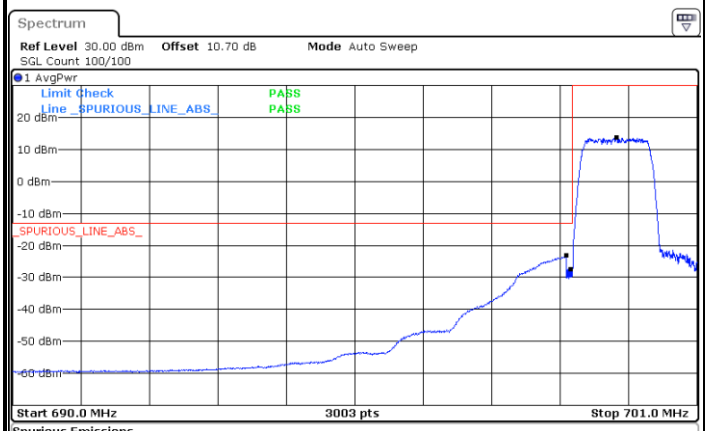


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.75924 MHz	21.23 dBm	-8.77 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00095 MHz	-17.48 dBm	-4.48 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-22.72 dBm	-9.72 dB

Date: 4.AUG.2017 00:01:05

Lowest Band Edge / Full RB

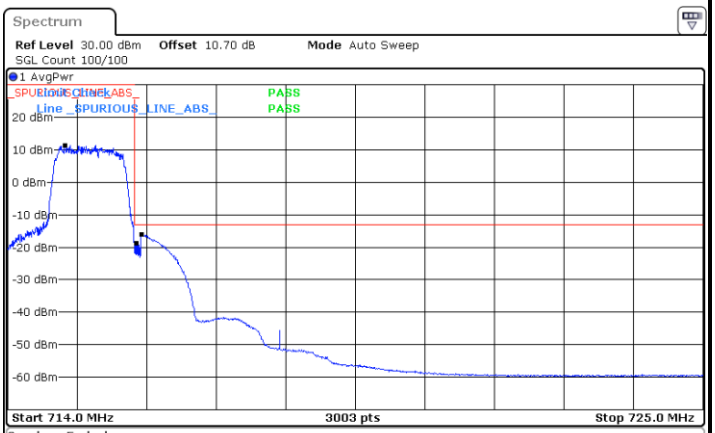


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-23.20 dBm	-10.20 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.96199 MHz	-27.33 dBm	-14.33 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.70430 MHz	13.62 dBm	-16.38 dB

Date: 3.AUG.2017 22:15:17

Highest Band Edge / Full RB



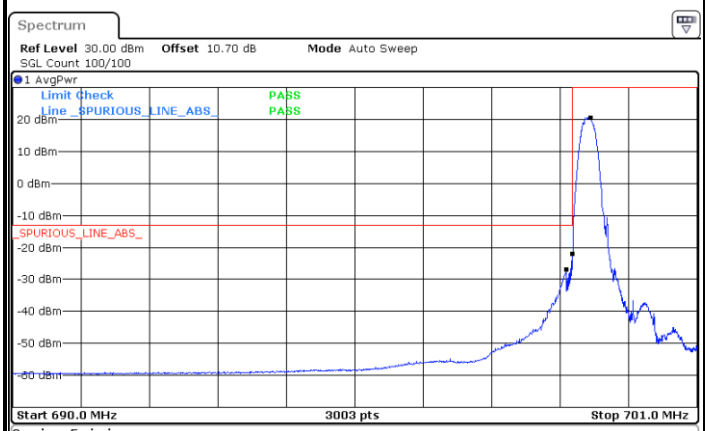
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	714.91009 MHz	11.19 dBm	-18.81 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.03721 MHz	-18.73 dBm	-5.73 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-15.98 dBm	-2.98 dB

Date: 3.AUG.2017 22:24:48

LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

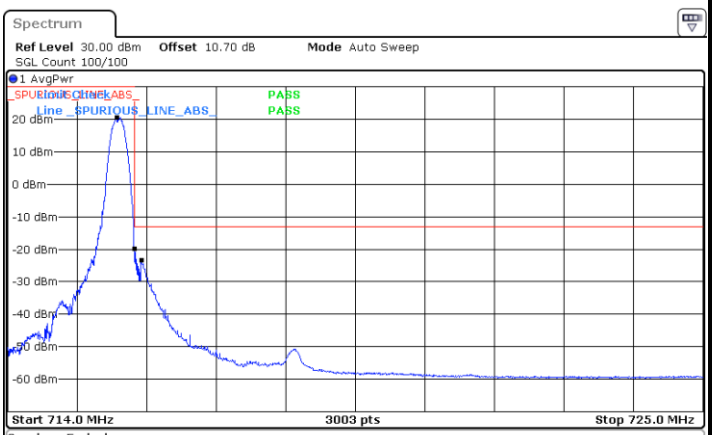


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-26.88 dBm	-13.88 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99865 MHz	-22.00 dBm	-9.00 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.28472 MHz	20.57 dBm	-9.43 dB

Date: 3.AUG.2017 22:17:35

Highest Band Edge / 1 RB

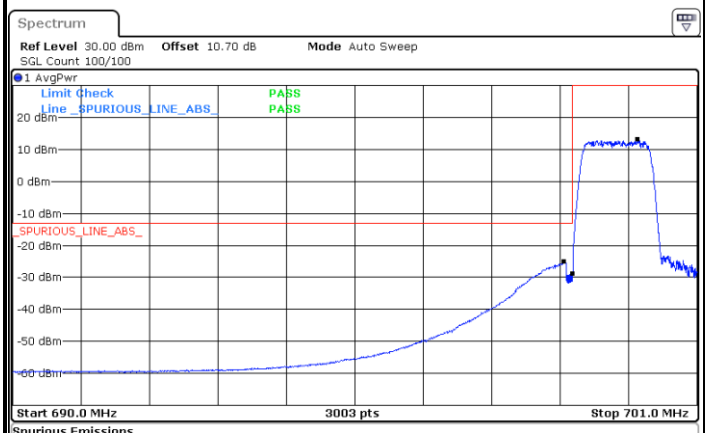


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.72328 MHz	20.61 dBm	-9.39 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00145 MHz	-19.98 dBm	-6.98 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-23.47 dBm	-10.47 dB

Date: 3.AUG.2017 23:59:57

Lowest Band Edge / Full RB

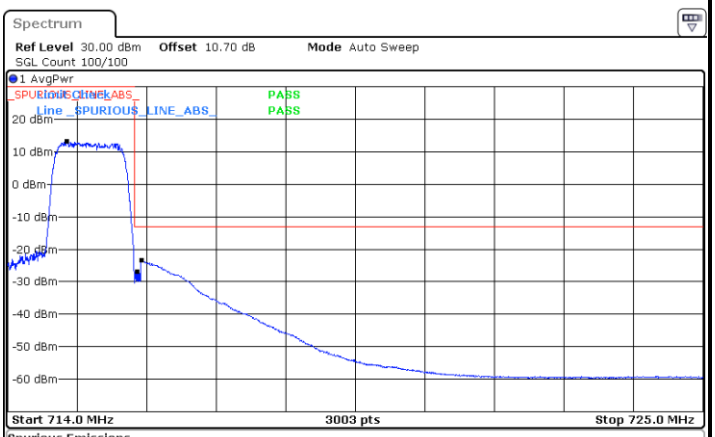


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.85999 MHz	-25.15 dBm	-12.15 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98926 MHz	-28.79 dBm	-15.79 dB
699.000 MHz	701.000 MHz	100.000 kHz	700.04396 MHz	13.11 dBm	-16.89 dB

Date: 3.AUG.2017 22:16:26

Highest Band Edge / Full RB



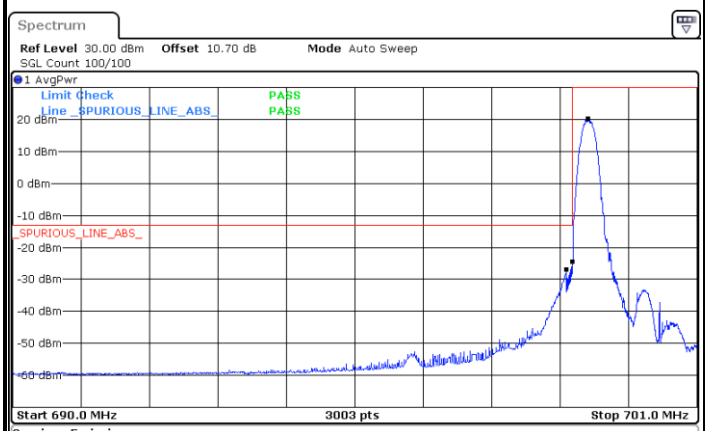
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	714.93407 MHz	13.33 dBm	-16.67 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.04181 MHz	-26.82 dBm	-13.82 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.12223 MHz	-23.35 dBm	-10.35 dB

Date: 4.AUG.2017 00:40:27

LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

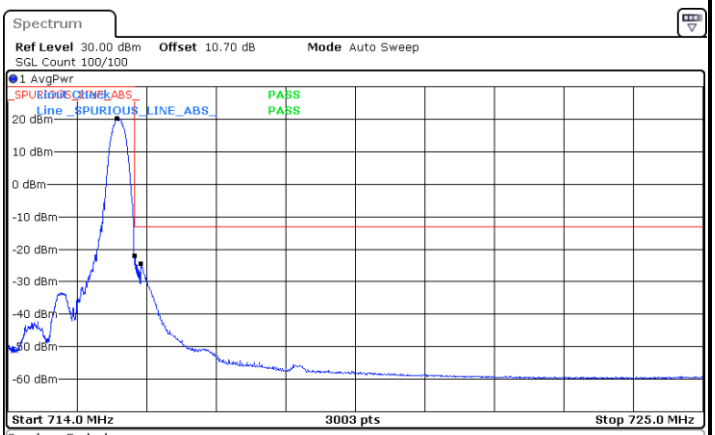


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.01 dBm	-14.01 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99605 MHz	-24.39 dBm	-11.39 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.24875 MHz	20.16 dBm	-9.84 dB

Date: 6.OCT.2017 22:30:58

Highest Band Edge / 1 RB

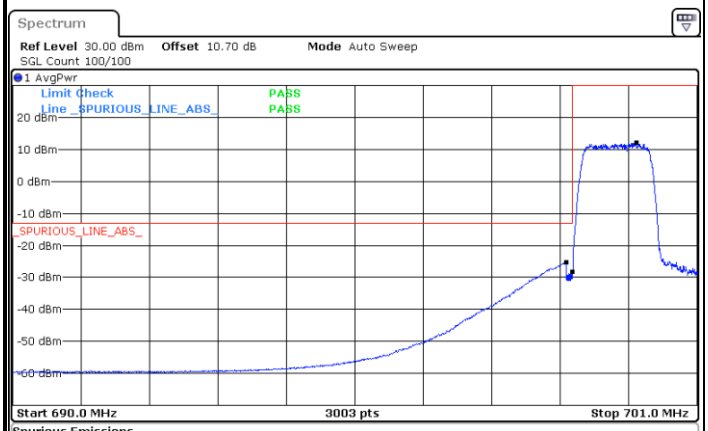


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.72128 MHz	20.25 dBm	-9.75 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00095 MHz	-22.02 dBm	-9.02 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-24.48 dBm	-11.48 dB

Date: 6.OCT.2017 22:35:43

Lowest Band Edge / Full RB

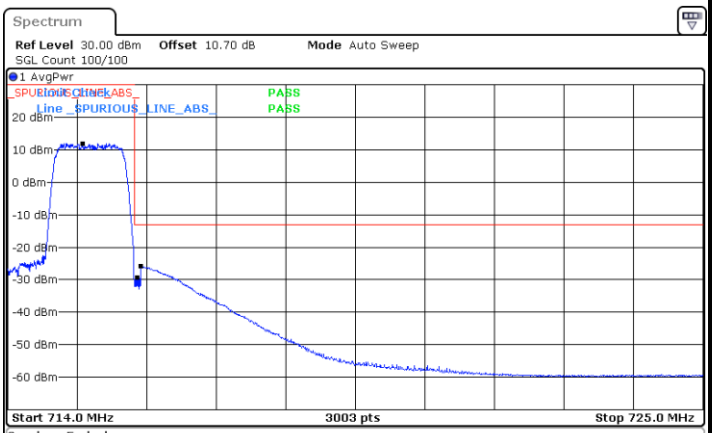


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-25.17 dBm	-12.17 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99206 MHz	-28.37 dBm	-15.37 dB
699.000 MHz	701.000 MHz	100.000 kHz	700.01798 MHz	12.25 dBm	-17.75 dB

Date: 6.OCT.2017 22:29:49

Highest Band Edge / Full RB



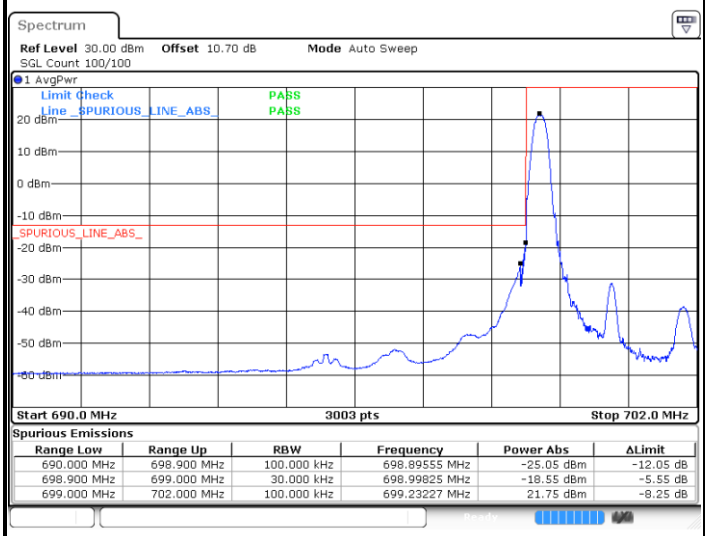
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.17982 MHz	11.94 dBm	-18.06 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.04580 MHz	-29.26 dBm	-16.26 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-25.92 dBm	-12.92 dB

Date: 6.OCT.2017 22:34:34

LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB

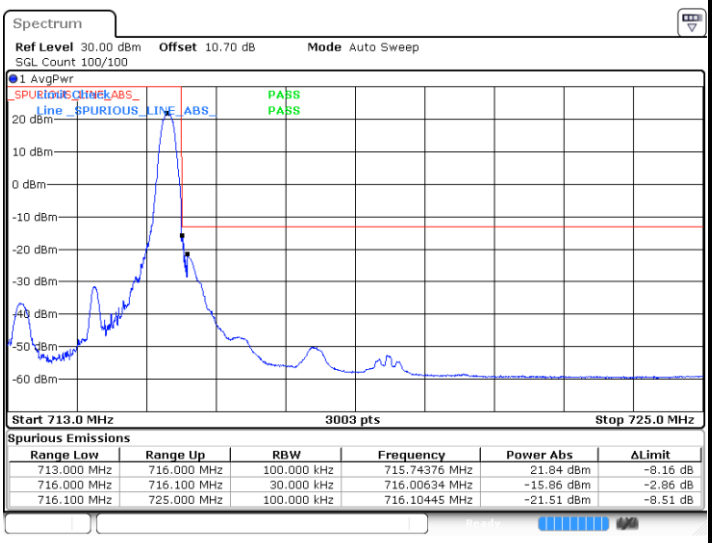


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-25.05 dBm	-12.05 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99825 MHz	-18.55 dBm	-5.55 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.23227 MHz	21.75 dBm	-8.25 dB

Date: 3.AUG.2017 20:57:48

Highest Band Edge / 1 RB

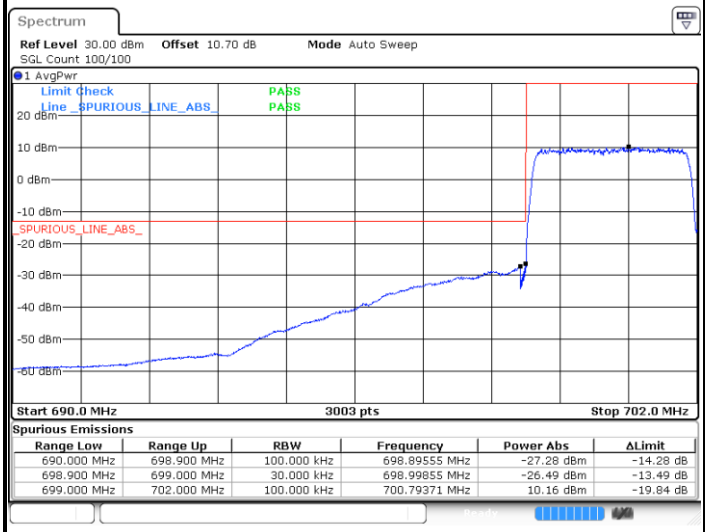


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.74376 MHz	21.84 dBm	-8.16 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00634 MHz	-15.86 dBm	-2.86 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-21.51 dBm	-8.51 dB

Date: 3.AUG.2017 21:07:19

Lowest Band Edge / Full RB

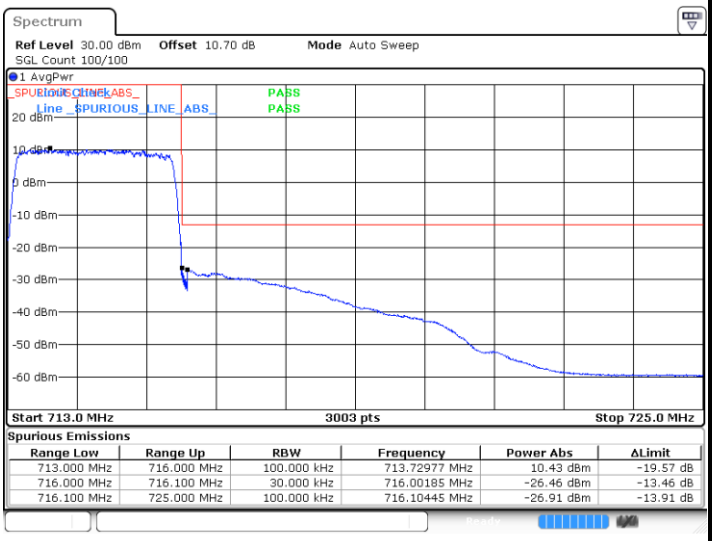


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.28 dBm	-14.28 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99855 MHz	-26.49 dBm	-13.49 dB
699.000 MHz	702.000 MHz	100.000 kHz	700.79371 MHz	10.16 dBm	-19.84 dB

Date: 3.AUG.2017 20:54:22

Highest Band Edge / Full RB



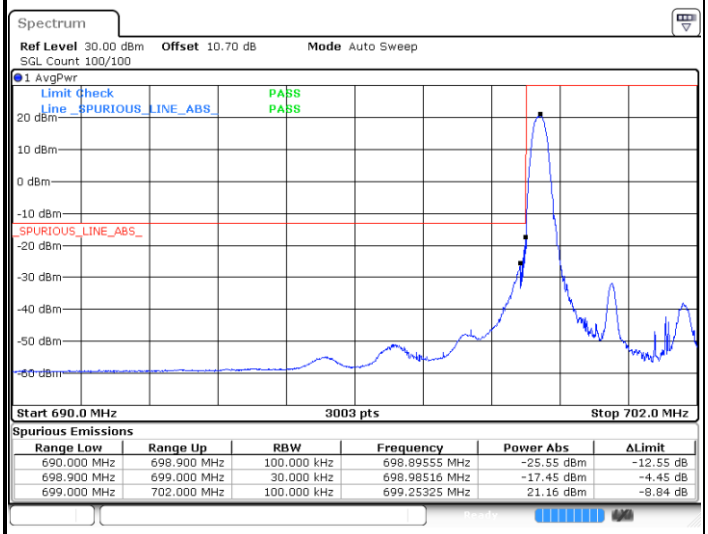
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.72977 MHz	10.43 dBm	-19.57 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00185 MHz	-26.46 dBm	-13.46 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-26.91 dBm	-13.91 dB

Date: 3.AUG.2017 21:03:53

LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

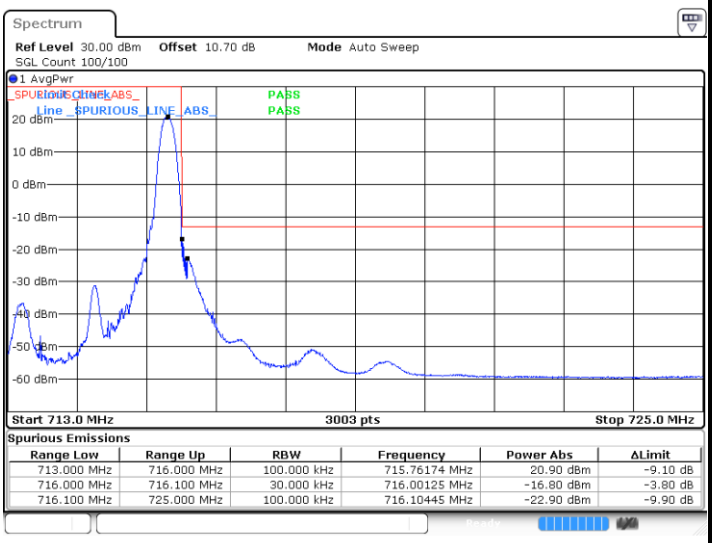


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-25.55 dBm	-12.55 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98516 MHz	-17.45 dBm	-4.45 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.25325 MHz	21.16 dBm	-8.84 dB

Date: 3.AUG.2017 20:56:40

Highest Band Edge / 1 RB

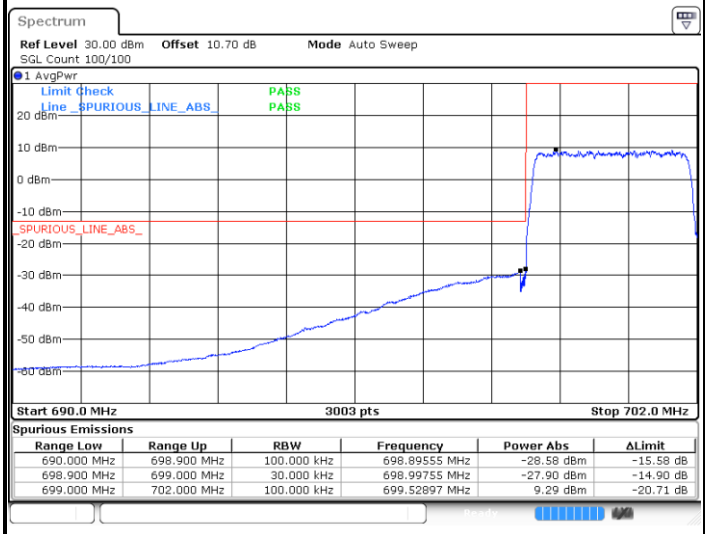


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.76174 MHz	20.90 dBm	-9.10 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00125 MHz	-16.80 dBm	-3.80 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-22.90 dBm	-9.90 dB

Date: 3.AUG.2017 21:06:10

Lowest Band Edge / Full RB

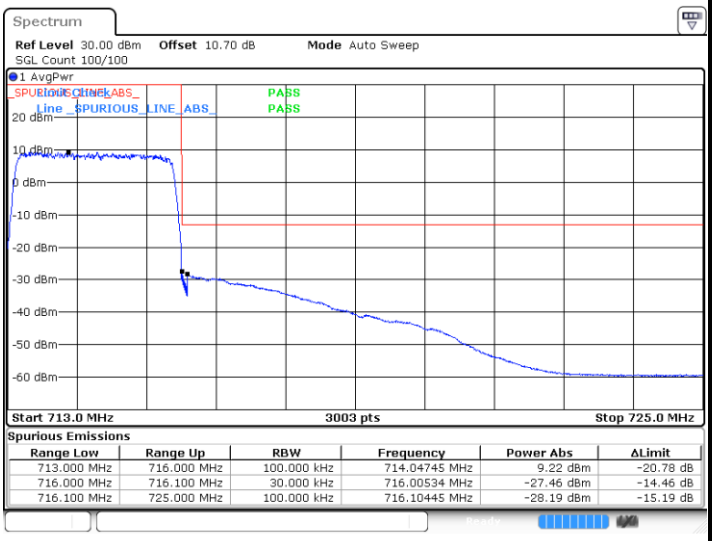


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.58 dBm	-15.58 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99755 MHz	-27.90 dBm	-14.90 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.52897 MHz	9.29 dBm	-20.71 dB

Date: 3.AUG.2017 20:55:31

Highest Band Edge / Full RB



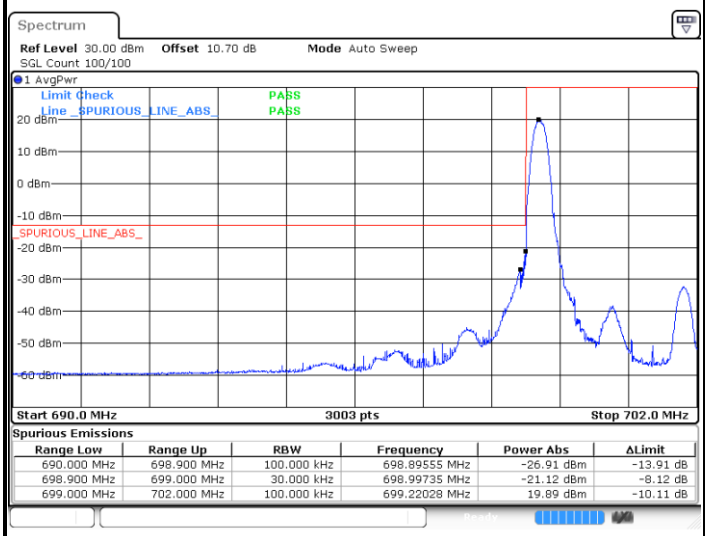
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	714.04745 MHz	9.22 dBm	-20.78 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00534 MHz	-27.46 dBm	-14.46 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.19 dBm	-15.19 dB

Date: 3.AUG.2017 21:05:01

LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB

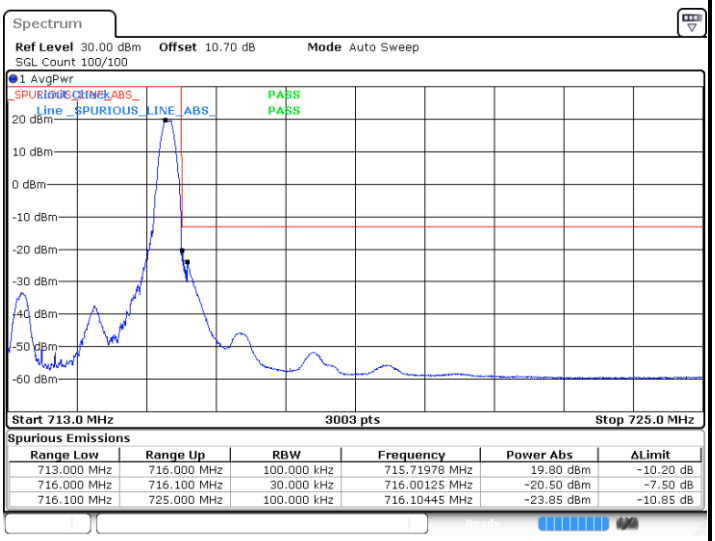


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-26.91 dBm	-13.91 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99735 MHz	-21.12 dBm	-8.12 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.22028 MHz	19.89 dBm	-10.11 dB

Date: 6.OCT.2017 22:06:09

Highest Band Edge / 1 RB

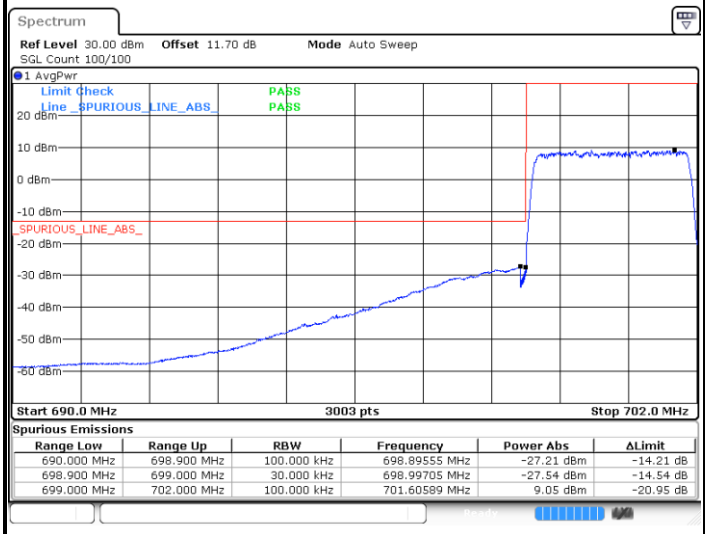


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.71978 MHz	19.80 dBm	-10.20 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00125 MHz	-20.50 dBm	-7.50 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-23.85 dBm	-10.85 dB

Date: 6.OCT.2017 22:10:54

Lowest Band Edge / Full RB

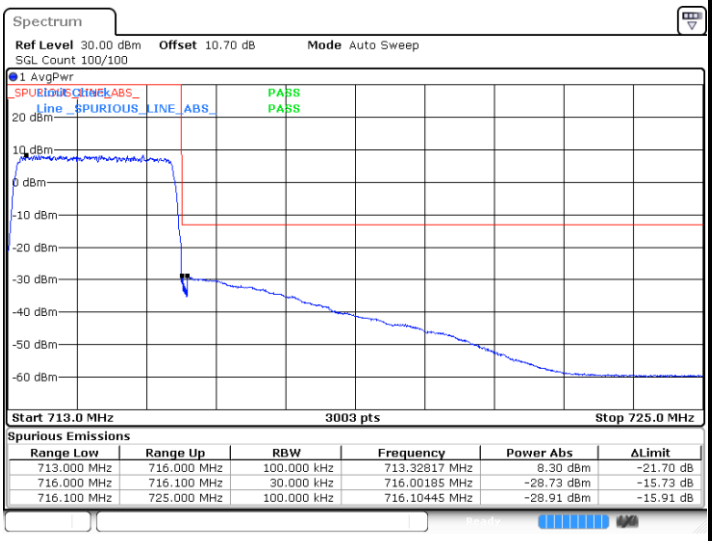


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.21 dBm	-14.21 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99705 MHz	-27.54 dBm	-14.54 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.60589 MHz	9.05 dBm	-20.95 dB

Date: 7.OCT.2017 00:27:46

Highest Band Edge / Full RB



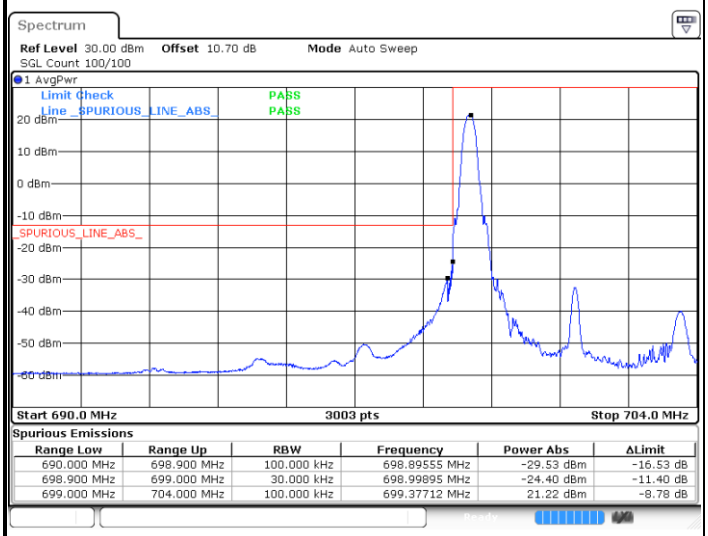
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.32817 MHz	8.30 dBm	-21.70 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00185 MHz	-28.73 dBm	-15.73 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.91 dBm	-15.91 dB

Date: 6.OCT.2017 22:09:45

LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB

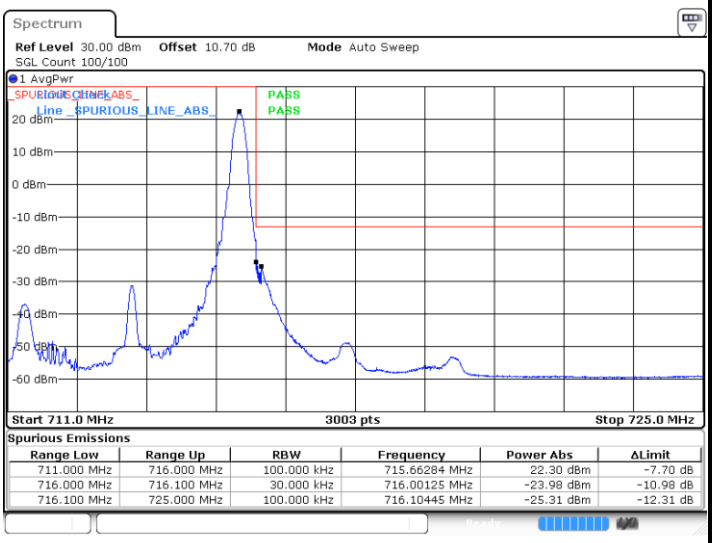


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.53 dBm	-16.53 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99895 MHz	-24.40 dBm	-11.40 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.37712 MHz	21.22 dBm	-8.78 dB

Date: 3.AUG.2017 21:14:21

Highest Band Edge / 1 RB

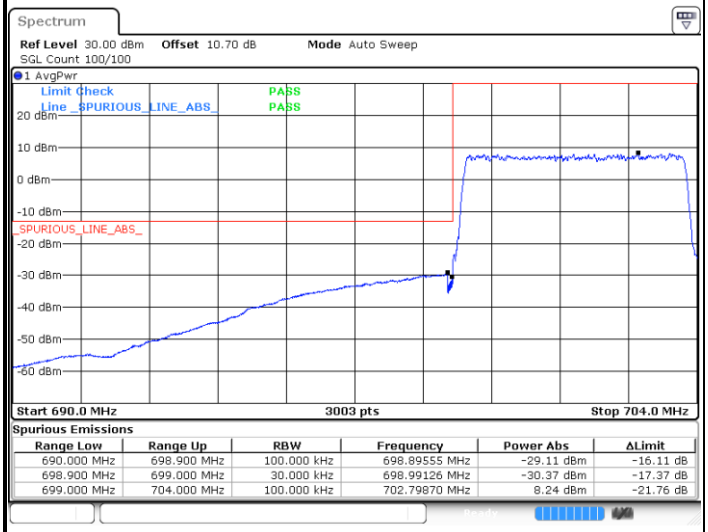


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.66284 MHz	22.30 dBm	-7.70 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00125 MHz	-23.98 dBm	-10.98 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-25.31 dBm	-12.31 dB

Date: 3.AUG.2017 21:22:42

Lowest Band Edge / Full RB

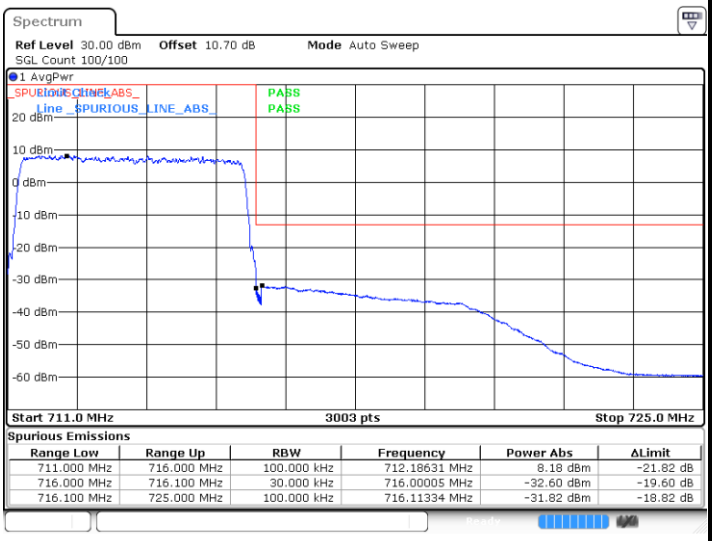


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.11 dBm	-16.11 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99126 MHz	-30.37 dBm	-17.37 dB
699.000 MHz	704.000 MHz	100.000 kHz	702.79870 MHz	8.24 dBm	-21.76 dB

Date: 3.AUG.2017 21:10:55

Highest Band Edge / Full RB



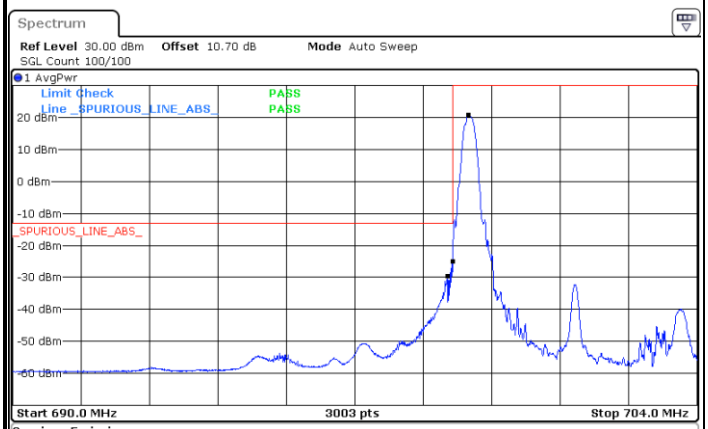
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	712.18631 MHz	8.18 dBm	-21.82 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00005 MHz	-32.60 dBm	-19.60 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-31.82 dBm	-18.82 dB

Date: 3.AUG.2017 21:20:25

LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB

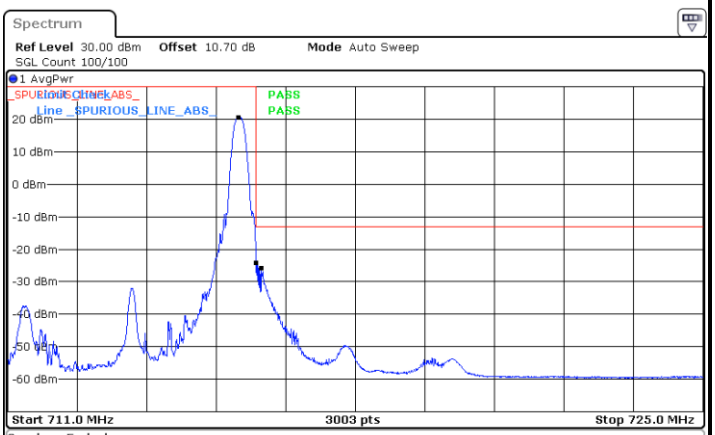


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.69 dBm	-16.69 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99975 MHz	-25.10 dBm	-12.10 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.32717 MHz	20.78 dBm	-9.22 dB

Date: 3.AUG.2017 21:13:12

Highest Band Edge / 1 RB

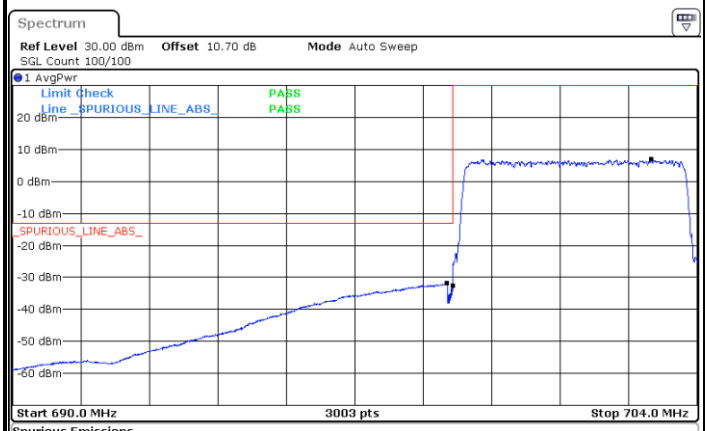


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.64286 MHz	20.60 dBm	-9.40 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00005 MHz	-24.13 dBm	-11.13 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-25.76 dBm	-12.76 dB

Date: 3.AUG.2017 21:23:51

Lowest Band Edge / Full RB

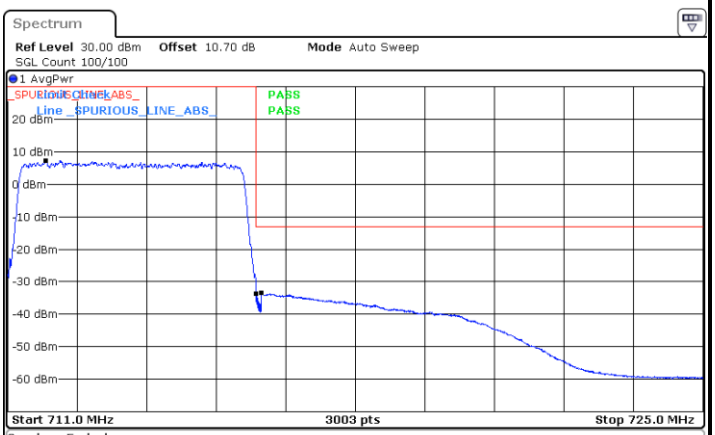


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-31.72 dBm	-18.72 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99975 MHz	-32.54 dBm	-19.54 dB
699.000 MHz	704.000 MHz	100.000 kHz	703.05844 MHz	6.98 dBm	-23.02 dB

Date: 3.AUG.2017 21:12:04

Highest Band Edge / Full RB



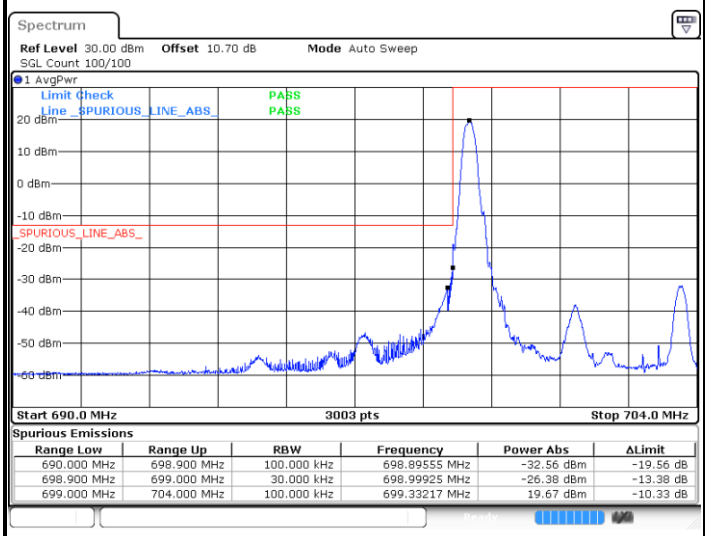
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.77173 MHz	7.30 dBm	-22.70 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00644 MHz	-33.59 dBm	-20.59 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.29 dBm	-20.29 dB

Date: 3.AUG.2017 21:21:34

LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / 1RB

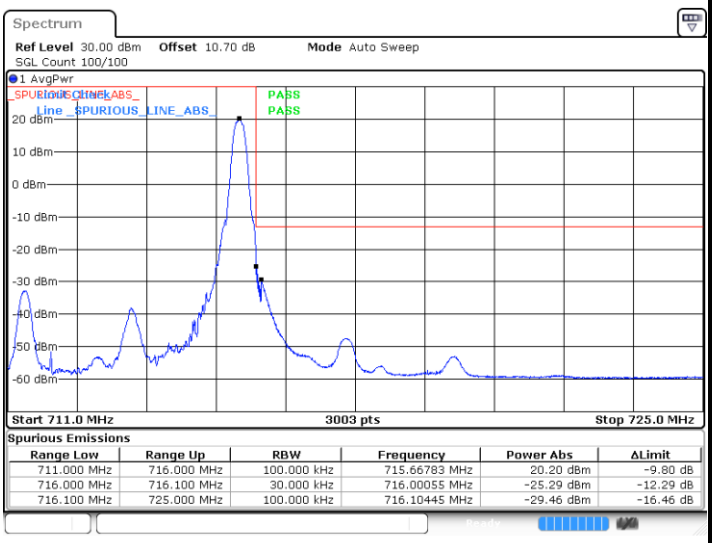


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-32.56 dBm	-19.56 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99925 MHz	-26.38 dBm	-13.38 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.33217 MHz	19.67 dBm	-10.33 dB

Date: 6.OCT.2017 22:14:25

Highest Band Edge / 1 RB

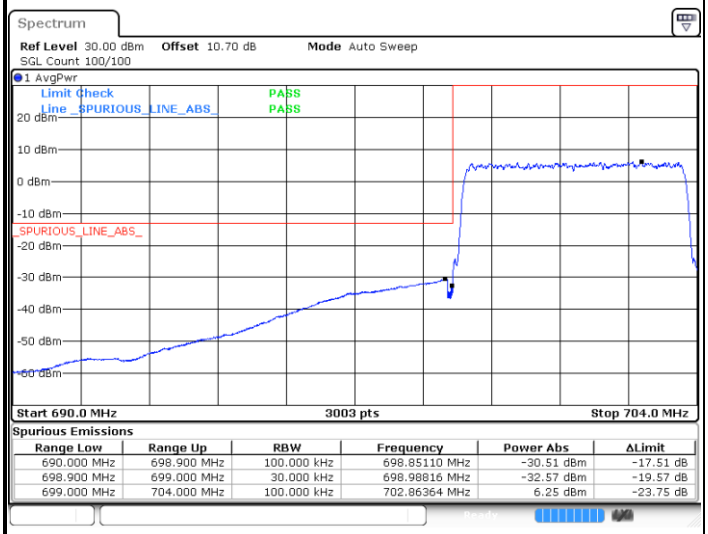


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.66783 MHz	20.20 dBm	-9.80 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00055 MHz	-25.29 dBm	-12.29 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.46 dBm	-16.46 dB

Date: 6.OCT.2017 22:19:10

Lowest Band Edge / Full RB

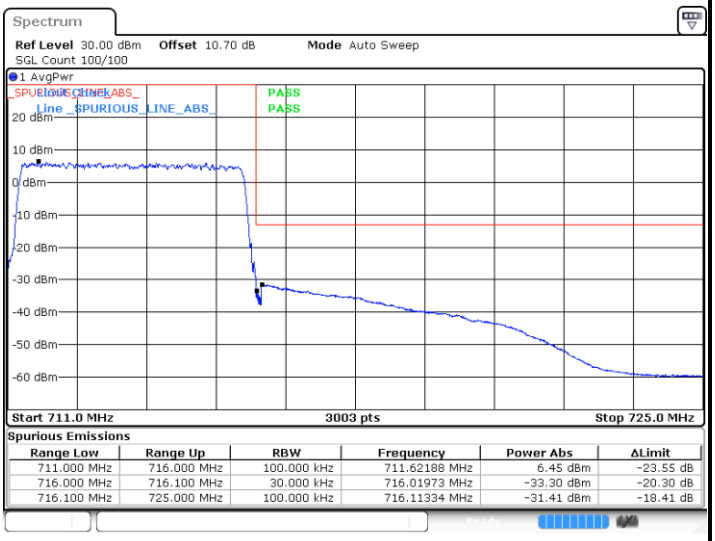


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.85110 MHz	-30.51 dBm	-17.51 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98816 MHz	-32.57 dBm	-19.57 dB
699.000 MHz	704.000 MHz	100.000 kHz	702.86364 MHz	6.25 dBm	-23.75 dB

Date: 6.OCT.2017 22:13:17

Highest Band Edge / Full RB



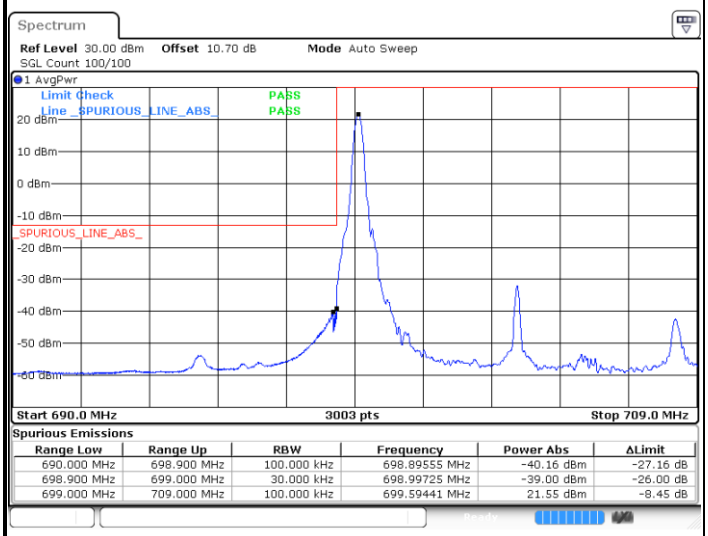
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.62188 MHz	6.45 dBm	-23.55 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01973 MHz	-33.30 dBm	-20.30 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-31.41 dBm	-18.41 dB

Date: 6.OCT.2017 22:18:02

LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB

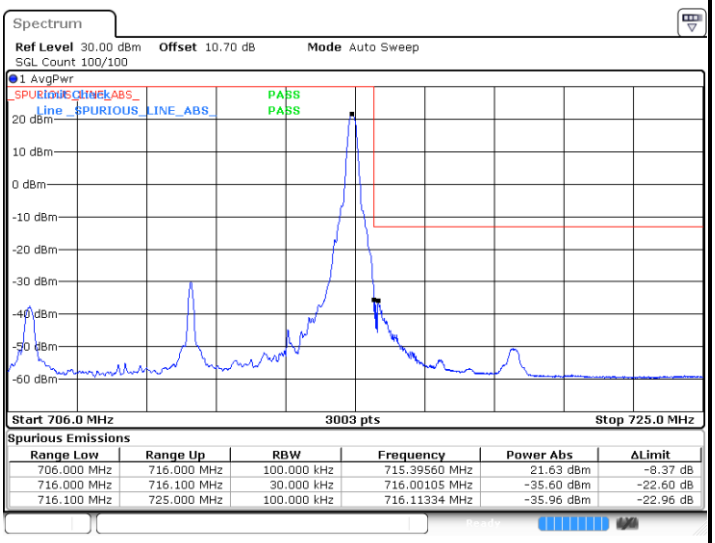


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-40.16 dBm	-27.16 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99725 MHz	-39.00 dBm	-26.00 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.59441 MHz	21.55 dBm	-8.45 dB

Date: 3.AUG.2017 21:30:54

Highest Band Edge / 1 RB

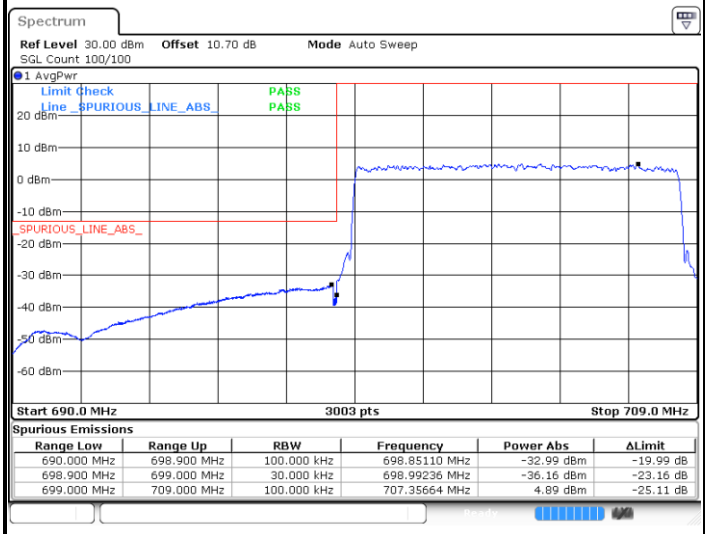


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.39560 MHz	21.63 dBm	-8.37 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00105 MHz	-35.60 dBm	-22.60 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-35.96 dBm	-22.96 dB

Date: 3.AUG.2017 21:40:24

Lowest Band Edge / Full RB

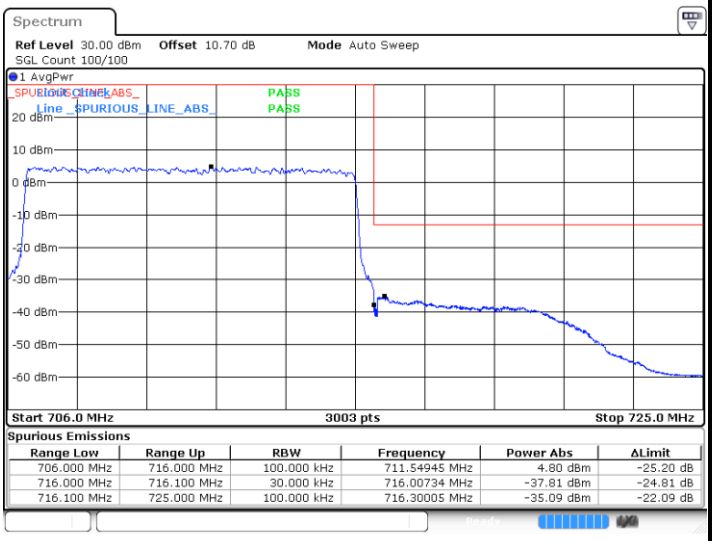


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.85110 MHz	-32.99 dBm	-19.99 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99236 MHz	-36.16 dBm	-23.16 dB
699.000 MHz	709.000 MHz	100.000 kHz	707.35664 MHz	4.89 dBm	-25.11 dB

Date: 3.AUG.2017 21:27:28

Highest Band Edge / Full RB



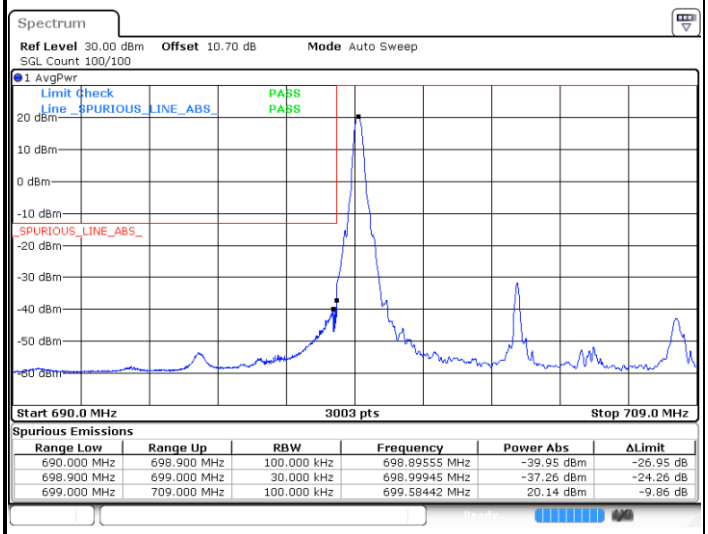
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	711.54945 MHz	4.80 dBm	-25.20 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00734 MHz	-37.81 dBm	-24.81 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.30005 MHz	-35.09 dBm	-22.09 dB

Date: 3.AUG.2017 21:36:58

LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

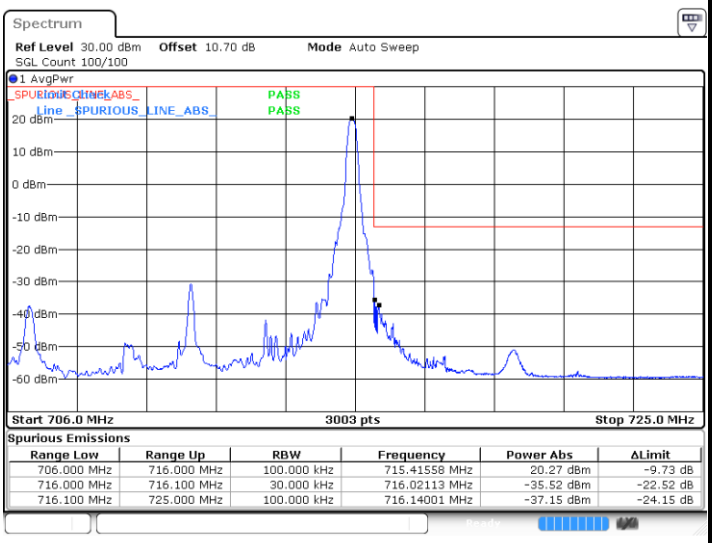


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-39.95 dBm	-26.95 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99945 MHz	-37.26 dBm	-24.26 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.58442 MHz	20.14 dBm	-9.86 dB

Date: 3.AUG.2017 21:29:45

Highest Band Edge / 1 RB

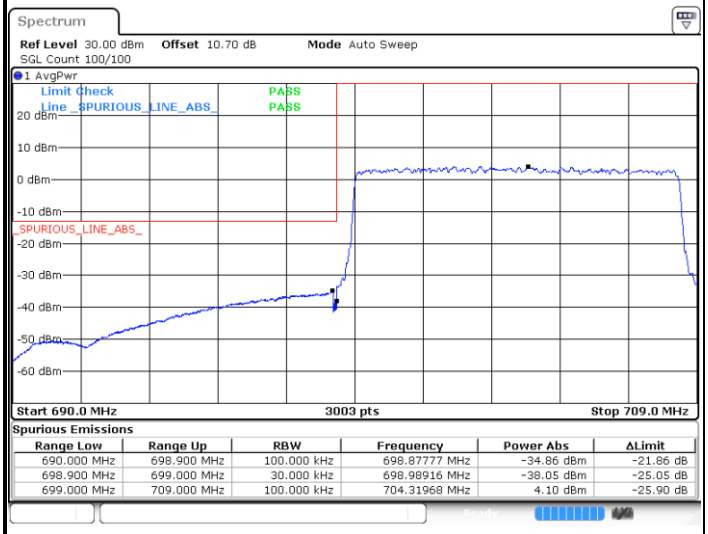


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.41558 MHz	20.27 dBm	-9.73 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.02113 MHz	-35.52 dBm	-22.52 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.14001 MHz	-37.15 dBm	-24.15 dB

Date: 3.AUG.2017 21:39:15

Lowest Band Edge / Full RB

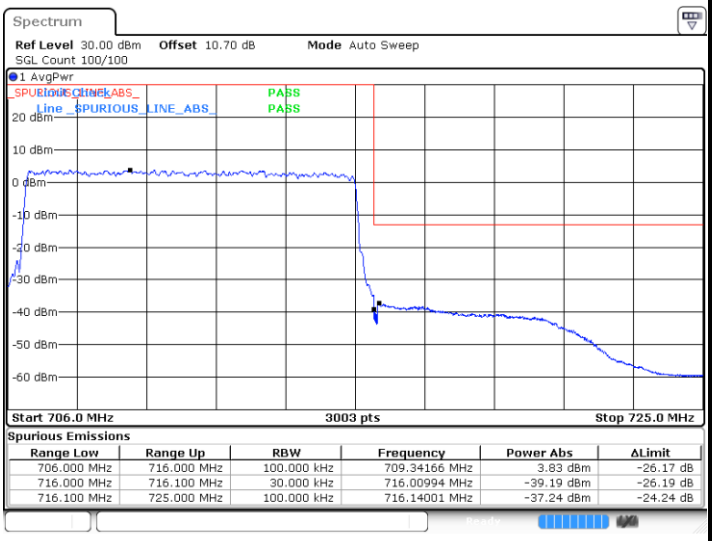


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.87777 MHz	-34.86 dBm	-21.86 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98916 MHz	-38.05 dBm	-25.05 dB
699.000 MHz	709.000 MHz	100.000 kHz	704.31968 MHz	4.10 dBm	-25.90 dB

Date: 3.AUG.2017 21:28:36

Highest Band Edge / Full RB



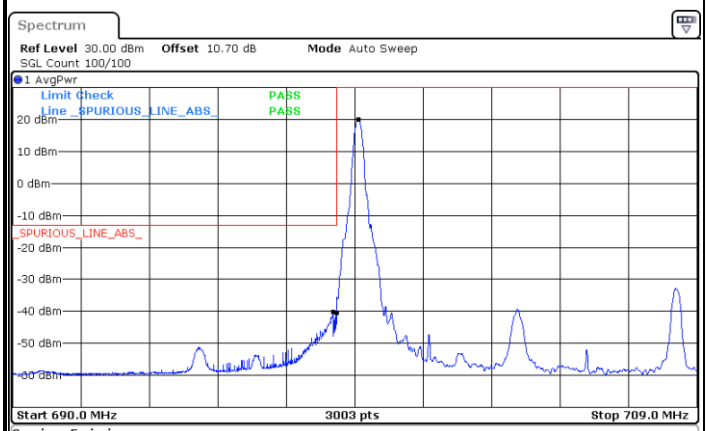
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	709.34166 MHz	3.83 dBm	-26.17 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00994 MHz	-39.19 dBm	-26.19 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.14001 MHz	-37.24 dBm	-24.24 dB

Date: 3.AUG.2017 21:38:06

LTE Band 12 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

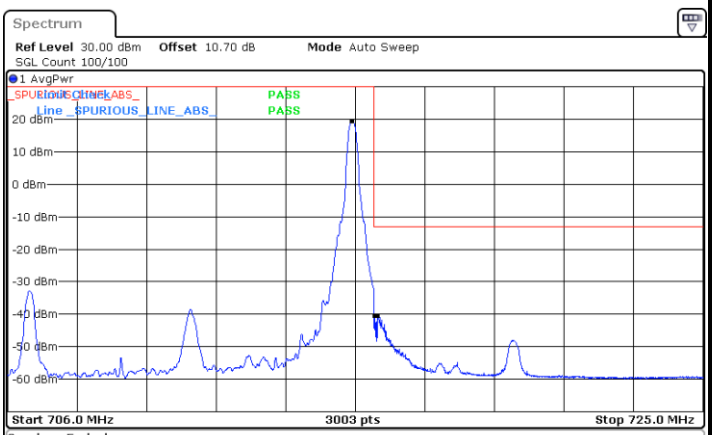


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-40.17 dBm	-27.17 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99755 MHz	-40.49 dBm	-27.49 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.59441 MHz	19.89 dBm	-10.11 dB

Date: 6.OCT.2017 22:22:42

Highest Band Edge / 1 RB

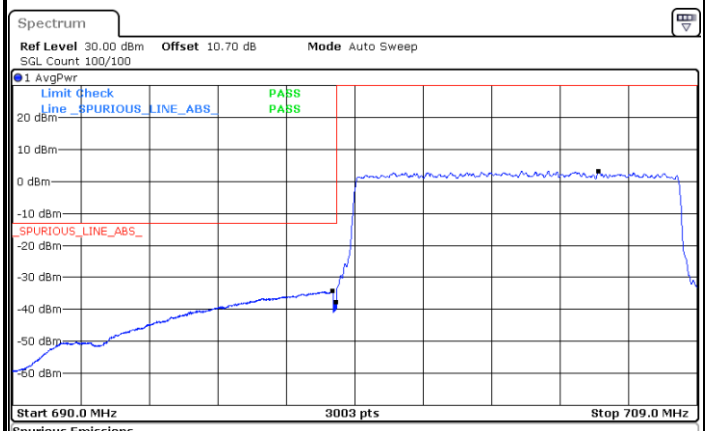


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.40559 MHz	19.52 dBm	-10.48 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.03501 MHz	-40.43 dBm	-27.43 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-40.42 dBm	-27.42 dB

Date: 6.OCT.2017 22:27:27

Lowest Band Edge / Full RB

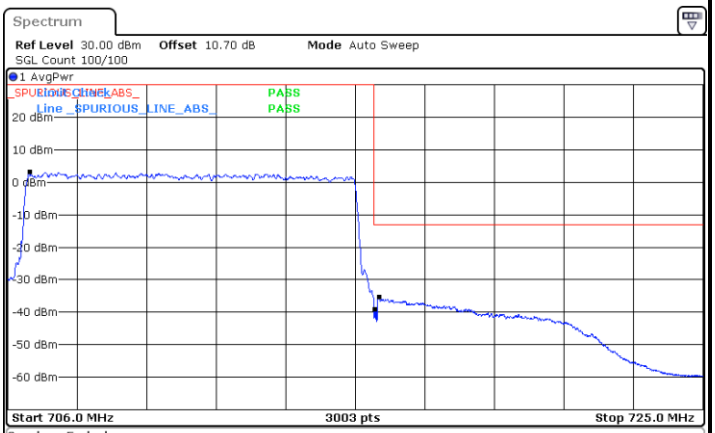


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.87777 MHz	-34.25 dBm	-21.25 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.96259 MHz	-37.74 dBm	-24.74 dB
699.000 MHz	709.000 MHz	100.000 kHz	706.26773 MHz	3.27 dBm	-26.73 dB

Date: 6.OCT.2017 22:21:33

Highest Band Edge / Full RB



Spurious Emissions

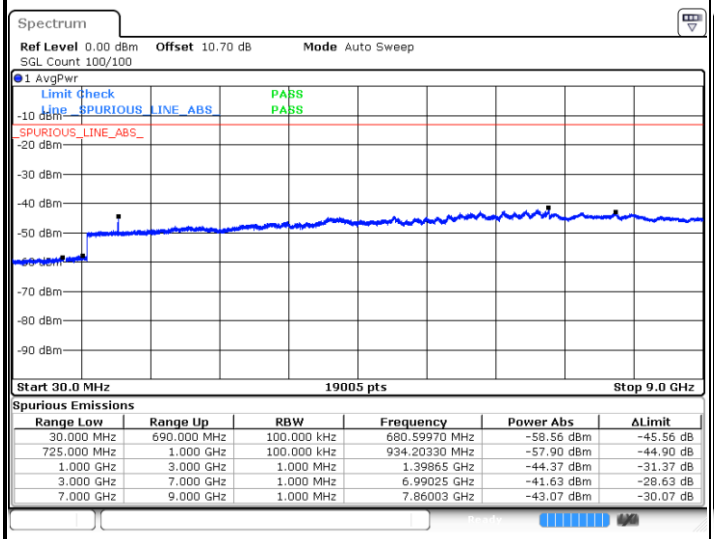
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	706.59441 MHz	3.25 dBm	-26.75 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.03501 MHz	-39.09 dBm	-26.09 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.14001 MHz	-35.43 dBm	-22.43 dB

Date: 6.OCT.2017 22:26:18

Conducted Spurious Emission

LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

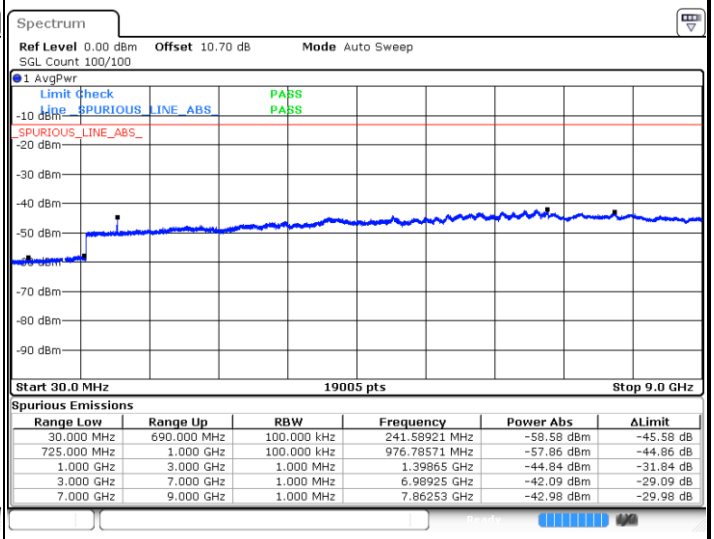


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	680.59970 MHz	-58.56 dBm	-45.56 dB
725.000 MHz	1.000 GHz	100.000 kHz	934.20330 MHz	-57.90 dBm	-44.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-44.37 dBm	-31.37 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-41.63 dBm	-28.63 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86003 GHz	-43.07 dBm	-30.07 dB

Date: 3.AUG.2017 22:19:38

Lowest Channel / 16QAM

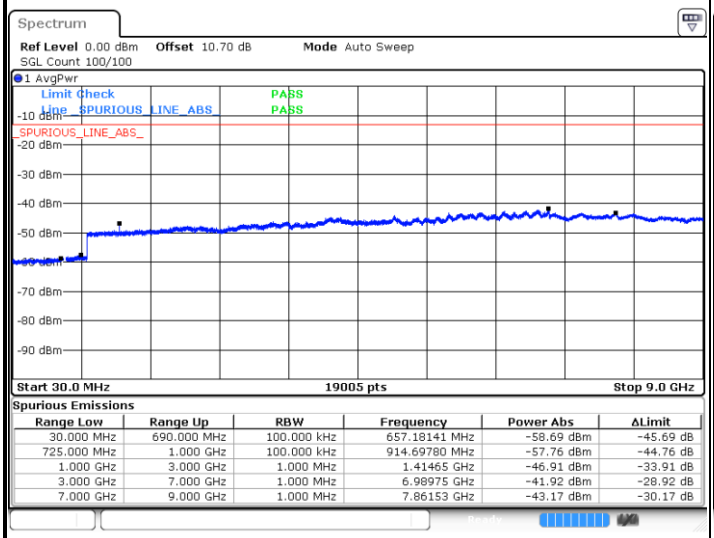


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	241.58921 MHz	-58.58 dBm	-45.58 dB
725.000 MHz	1.000 GHz	100.000 kHz	976.78571 MHz	-57.86 dBm	-44.86 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-44.84 dBm	-31.84 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-42.09 dBm	-29.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86253 GHz	-42.98 dBm	-29.98 dB

Date: 3.AUG.2017 22:20:32

Middle Channel / QPSK

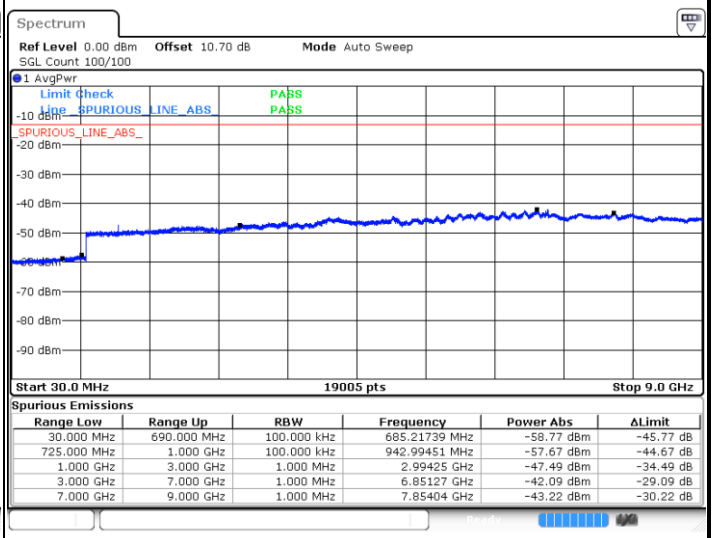


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	657.18141 MHz	-58.69 dBm	-45.69 dB
725.000 MHz	1.000 GHz	100.000 kHz	914.69780 MHz	-57.76 dBm	-44.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41465 GHz	-46.91 dBm	-33.91 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-41.92 dBm	-28.92 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86153 GHz	-43.17 dBm	-30.17 dB

Date: 3.AUG.2017 22:22:59

Middle Channel / 16QAM



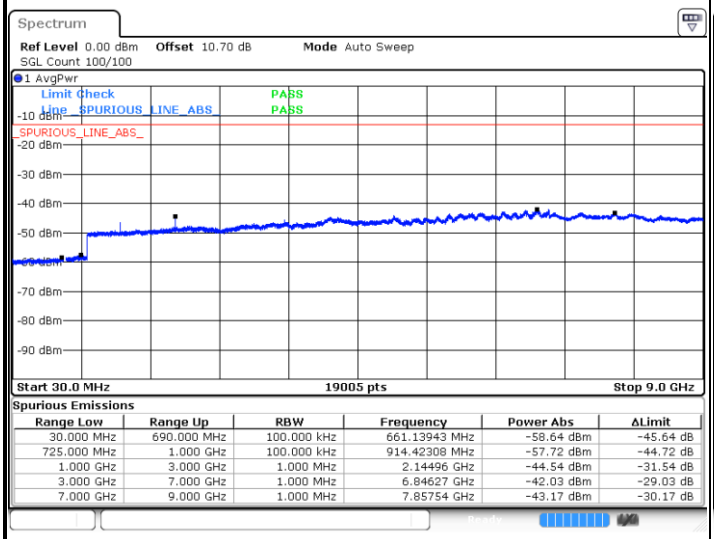
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.21739 MHz	-58.77 dBm	-45.77 dB
725.000 MHz	1.000 GHz	100.000 kHz	942.99451 MHz	-57.67 dBm	-44.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99425 GHz	-47.49 dBm	-34.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85127 GHz	-42.09 dBm	-29.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85404 GHz	-43.22 dBm	-30.22 dB

Date: 3.AUG.2017 22:22:05

LTE Band 12 / 1.4MHz

Highest Channel / QPSK

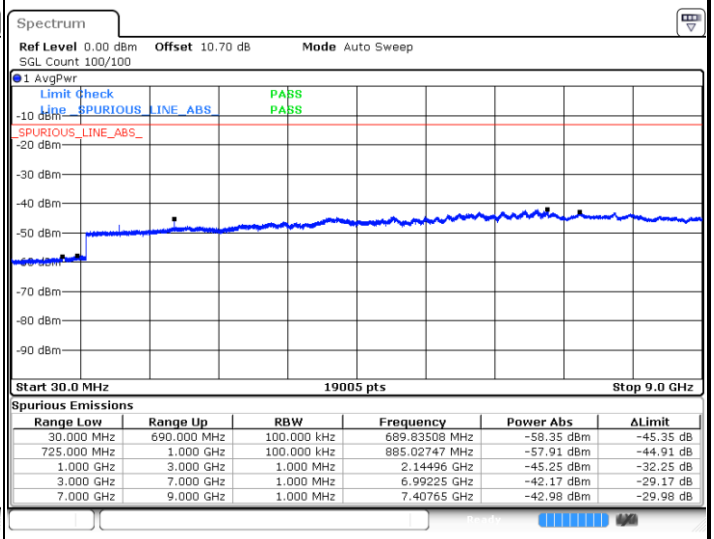


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	661.13943 MHz	-58.64 dBm	-45.64 dB
725.000 MHz	1.000 GHz	100.000 kHz	914.42308 MHz	-57.72 dBm	-44.72 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.14496 GHz	-44.54 dBm	-31.54 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84627 GHz	-42.03 dBm	-29.03 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85754 GHz	-43.17 dBm	-30.17 dB

Date: 4.AUG.2017 00:02:55

Highest Channel / 16QAM



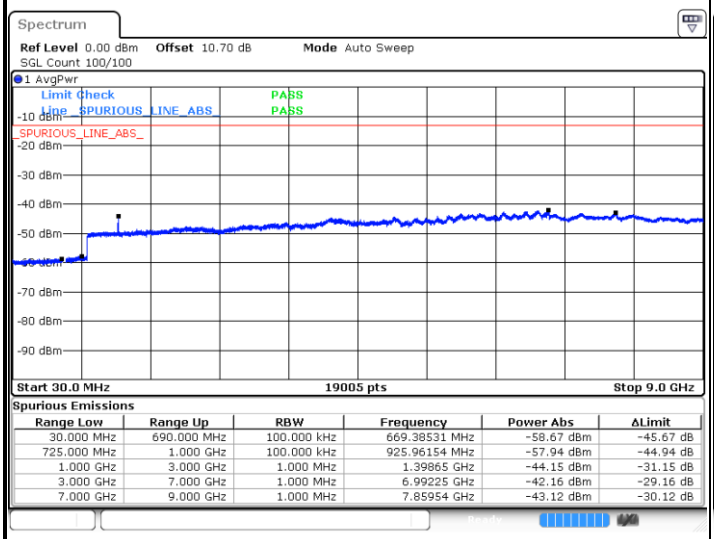
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.83508 MHz	-58.35 dBm	-45.35 dB
725.000 MHz	1.000 GHz	100.000 kHz	885.02747 MHz	-57.91 dBm	-44.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.14496 GHz	-45.25 dBm	-32.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-42.17 dBm	-29.17 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.40765 GHz	-42.98 dBm	-29.98 dB

Date: 4.AUG.2017 00:03:49

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	669.38531 MHz	-58.67 dBm	-45.67 dB
725.000 MHz	1.000 GHz	100.000 kHz	925.96154 MHz	-57.94 dBm	-44.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-44.15 dBm	-31.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-42.16 dBm	-29.16 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85954 GHz	-43.12 dBm	-30.12 dB

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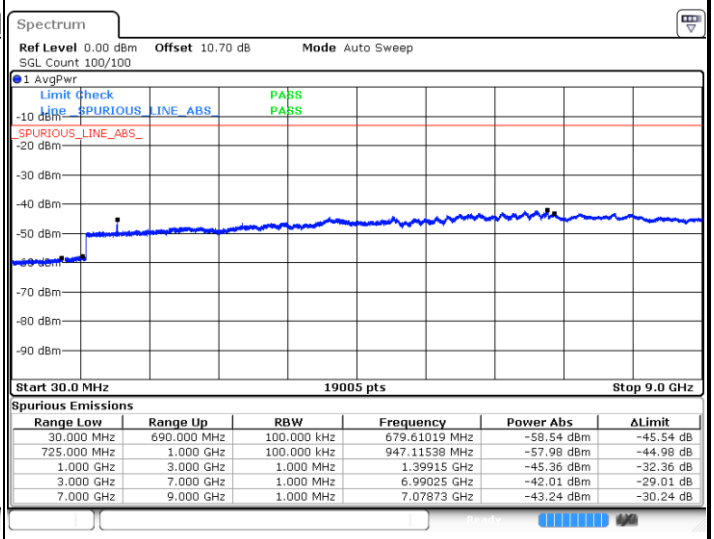
Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	679.61019 MHz	-58.54 dBm	-45.54 dB
725.000 MHz	1.000 GHz	100.000 kHz	947.11538 MHz	-57.98 dBm	-44.98 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-45.36 dBm	-32.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-42.01 dBm	-29.01 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.07873 GHz	-43.24 dBm	-30.24 dB

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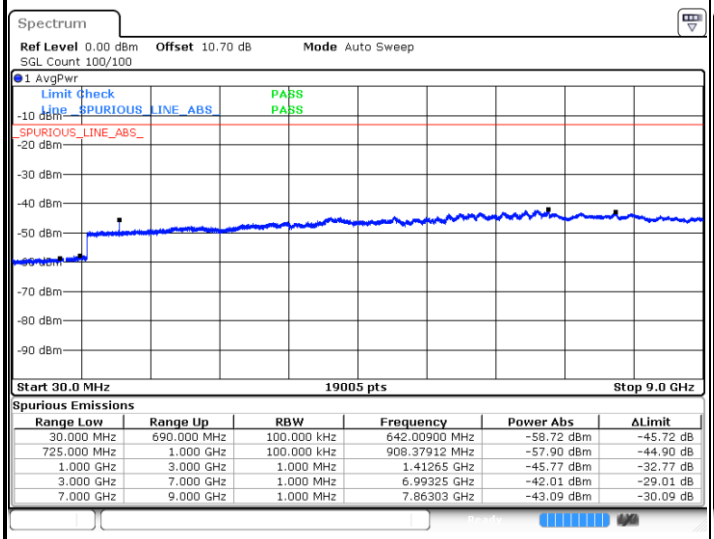
LTE Band 12 / 3MHz

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	642.00900 MHz	-58.72 dBm	-45.72 dB
725.000 MHz	1.000 GHz	100.000 kHz	908.37912 MHz	-57.90 dBm	-44.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-45.77 dBm	-32.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99325 GHz	-42.01 dBm	-29.01 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86303 GHz	-43.09 dBm	-30.09 dB

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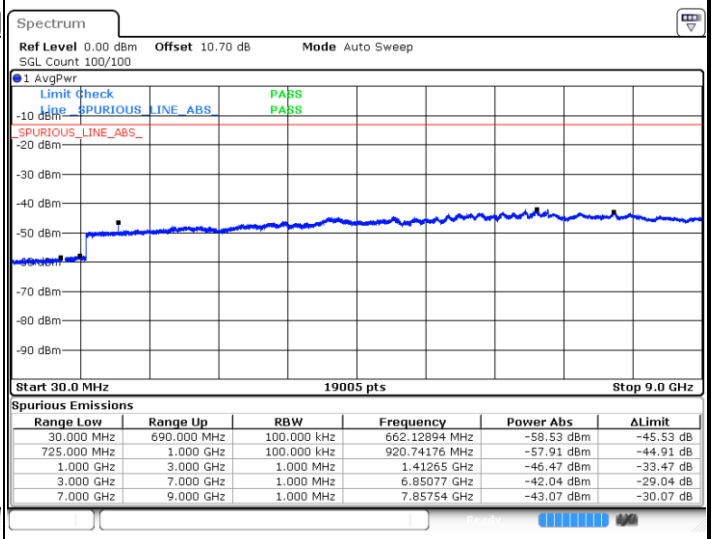
Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	662.12894 MHz	-58.53 dBm	-45.53 dB
725.000 MHz	1.000 GHz	100.000 kHz	920.74176 MHz	-57.91 dBm	-44.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-46.47 dBm	-33.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85077 GHz	-42.04 dBm	-29.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85754 GHz	-43.07 dBm	-30.07 dB

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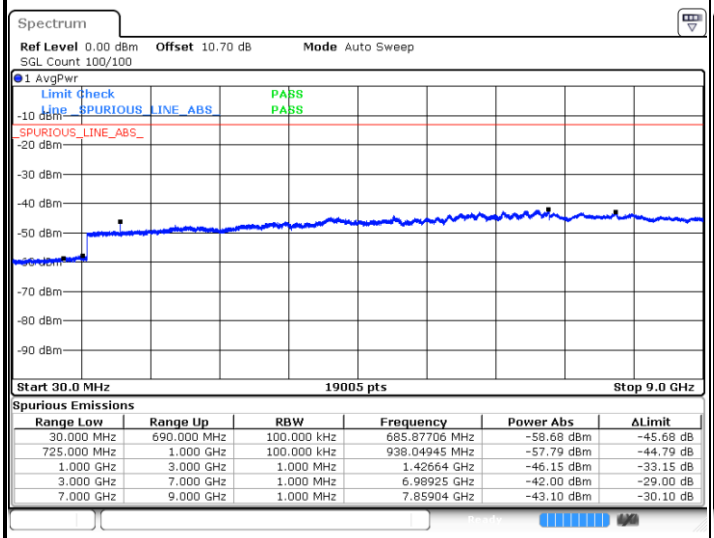
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.87706 MHz	-58.68 dBm	-45.68 dB
725.000 MHz	1.000 GHz	100.000 kHz	938.04945 MHz	-57.79 dBm	-44.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-46.15 dBm	-33.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-42.00 dBm	-29.00 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85904 GHz	-43.10 dBm	-30.10 dB

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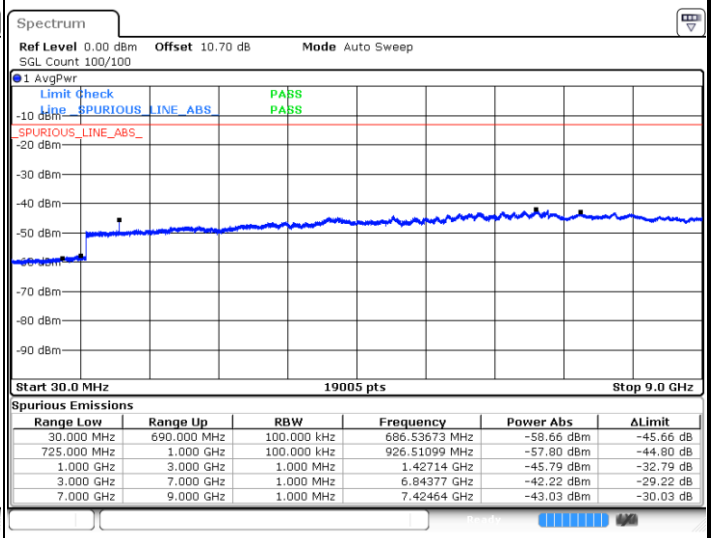
Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	686.53673 MHz	-58.66 dBm	-45.66 dB
725.000 MHz	1.000 GHz	100.000 kHz	926.51099 MHz	-57.80 dBm	-44.80 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42714 GHz	-45.79 dBm	-32.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84377 GHz	-42.22 dBm	-29.22 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.42464 GHz	-43.03 dBm	-30.03 dB

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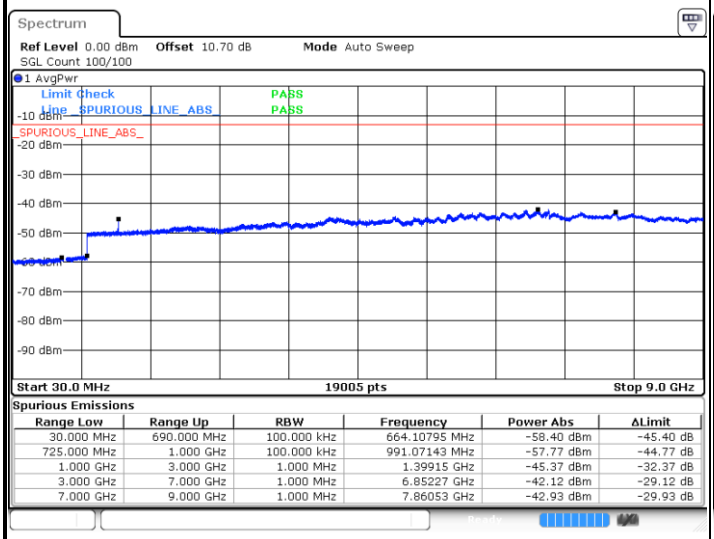
LTE Band 12 / 5MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	664.10795 MHz	-58.40 dBm	-45.40 dB
725.000 MHz	1.000 GHz	100.000 kHz	991.07143 MHz	-57.77 dBm	-44.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-45.37 dBm	-32.37 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85227 GHz	-42.12 dBm	-29.12 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86053 GHz	-42.93 dBm	-29.93 dB

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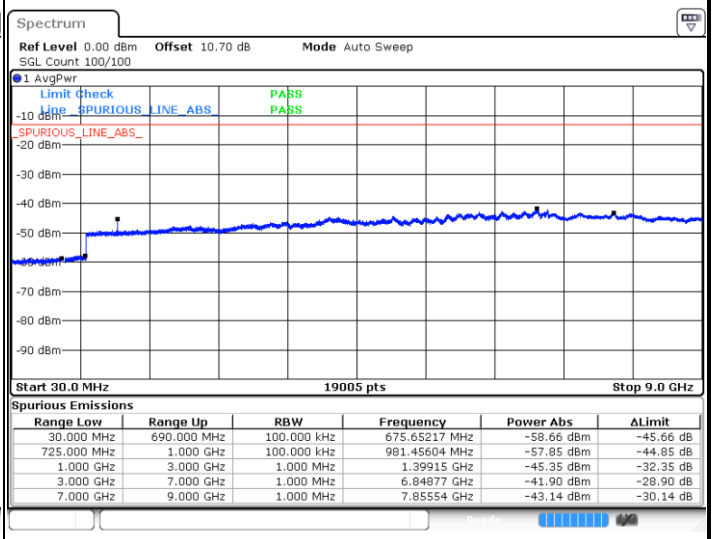
Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	675.65217 MHz	-58.66 dBm	-45.66 dB
725.000 MHz	1.000 GHz	100.000 kHz	981.45604 MHz	-57.85 dBm	-44.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-45.35 dBm	-32.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84877 GHz	-41.90 dBm	-28.90 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85554 GHz	-43.14 dBm	-30.14 dB

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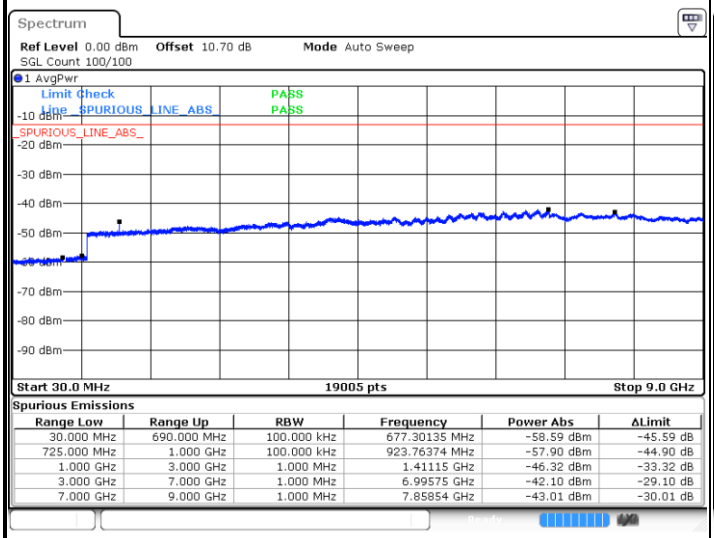
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	677.30135 MHz	-58.59 dBm	-45.59 dB
725.000 MHz	1.000 GHz	100.000 kHz	923.76374 MHz	-57.90 dBm	-44.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-46.32 dBm	-33.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99575 GHz	-42.10 dBm	-29.10 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85854 GHz	-43.01 dBm	-30.01 dB

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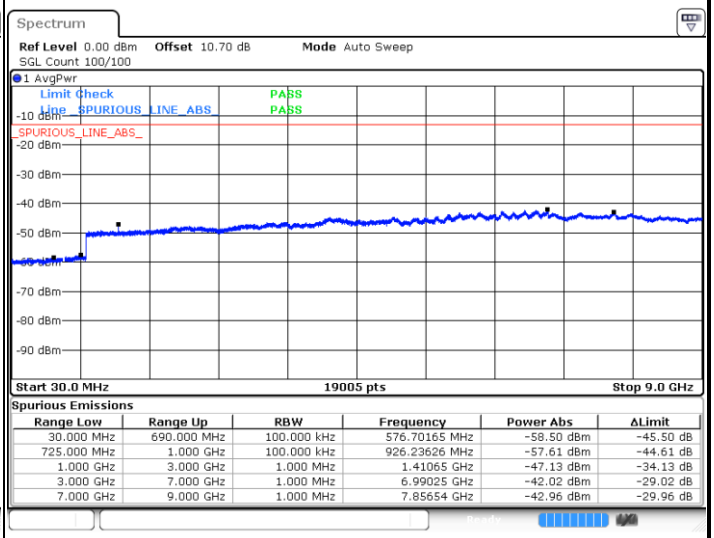
Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	576.70165 MHz	-58.50 dBm	-45.50 dB
725.000 MHz	1.000 GHz	100.000 kHz	926.23626 MHz	-57.61 dBm	-44.61 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41065 GHz	-47.13 dBm	-34.13 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-42.02 dBm	-29.02 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85654 GHz	-42.96 dBm	-29.96 dB

Date: 3.AUG.2017 21:17:43