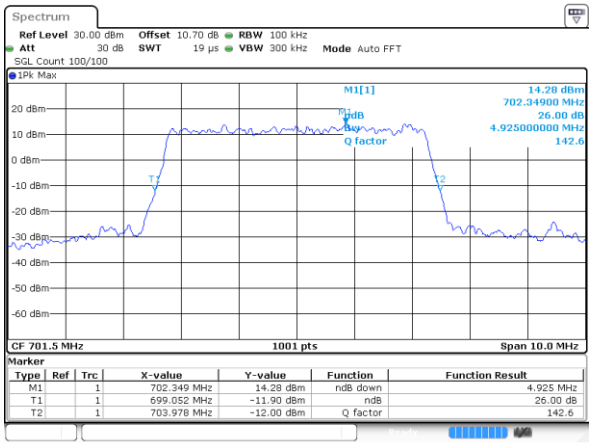
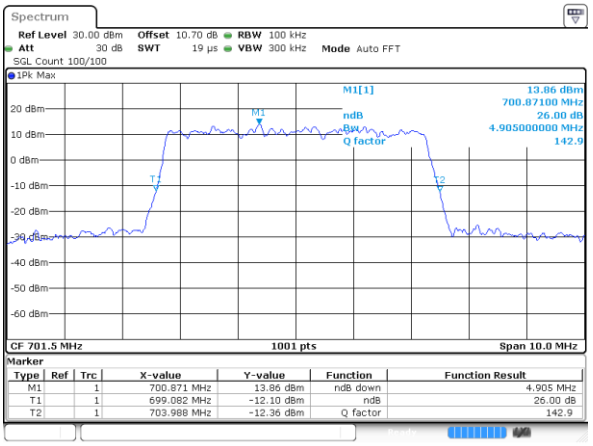
LTE Band 12

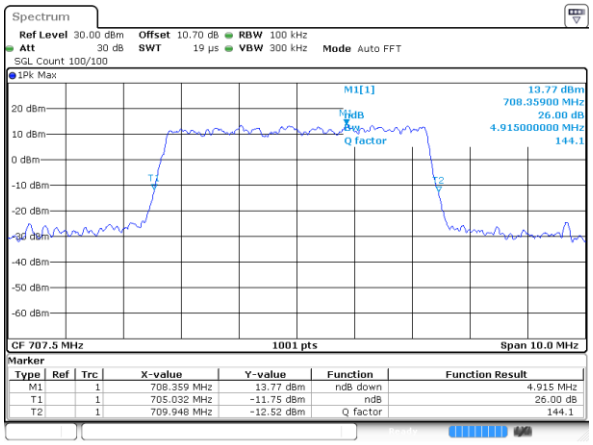
Lowest Channel / 5MHz / QPSK



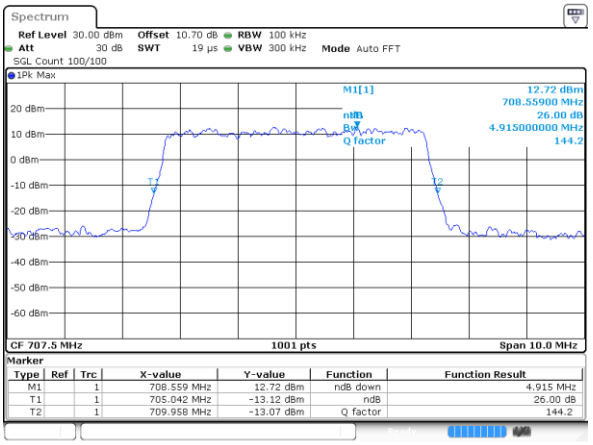
Lowest Channel / 5MHz / 16QAM



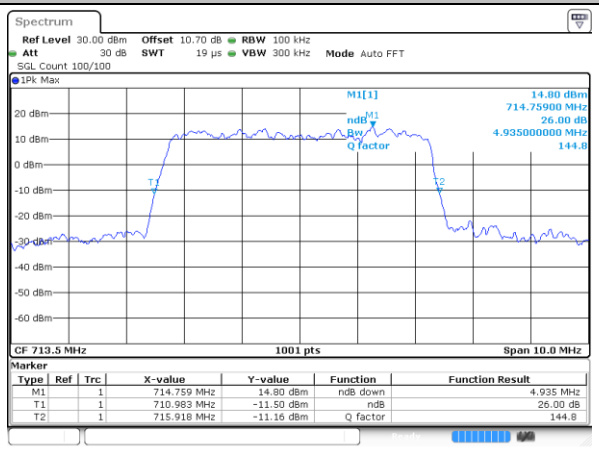
Middle Channel / 5MHz / QPSK



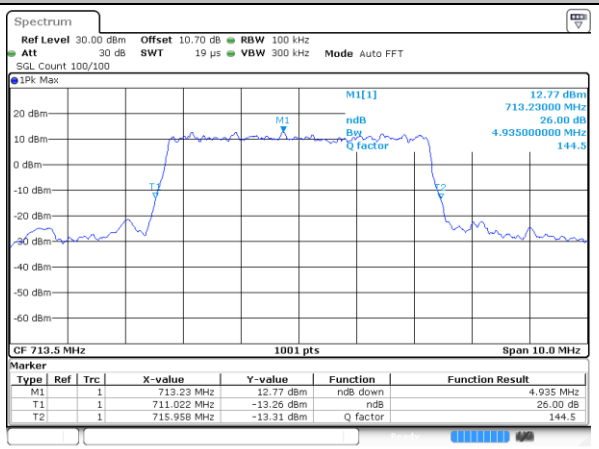
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

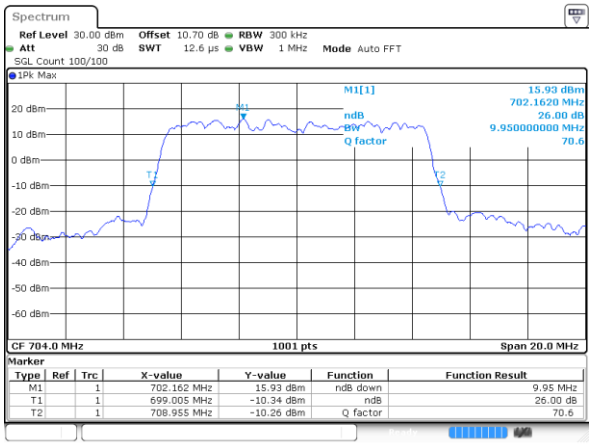


Highest Channel / 5MHz / 16QAM

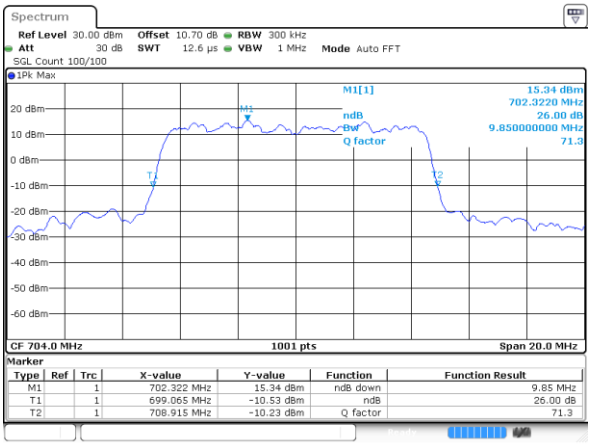


LTE Band 12

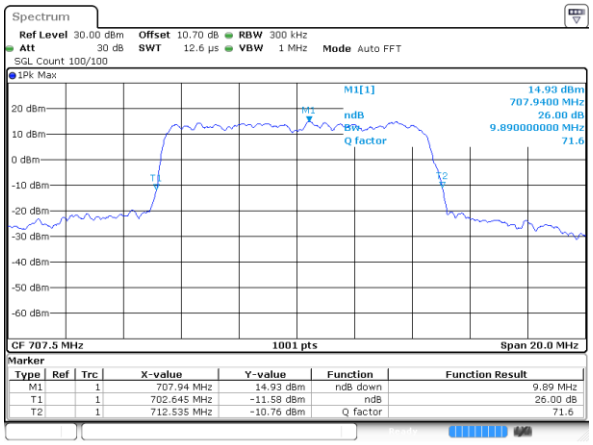
Lowest Channel / 10MHz / QPSK



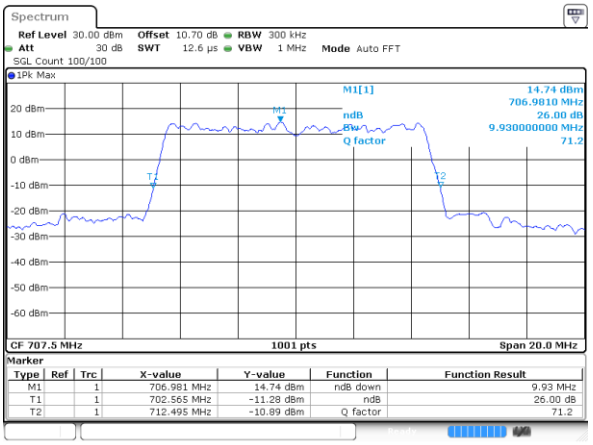
Lowest Channel / 10MHz / 16QAM



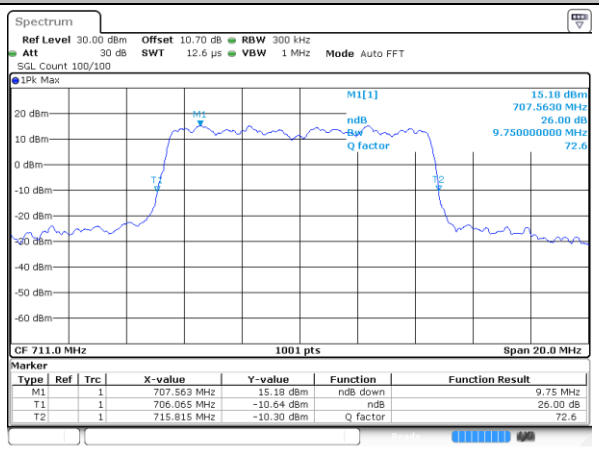
Middle Channel / 10MHz / QPSK



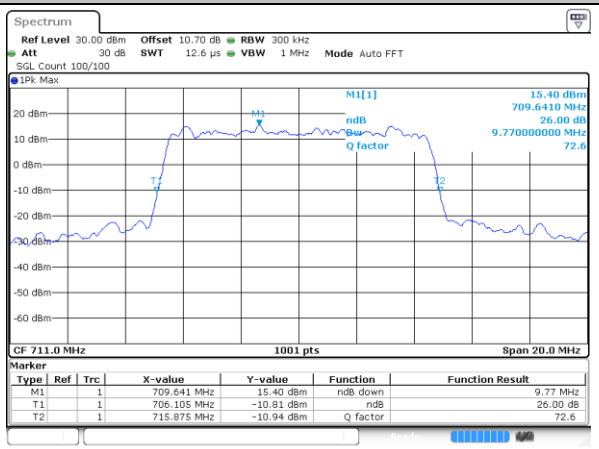
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

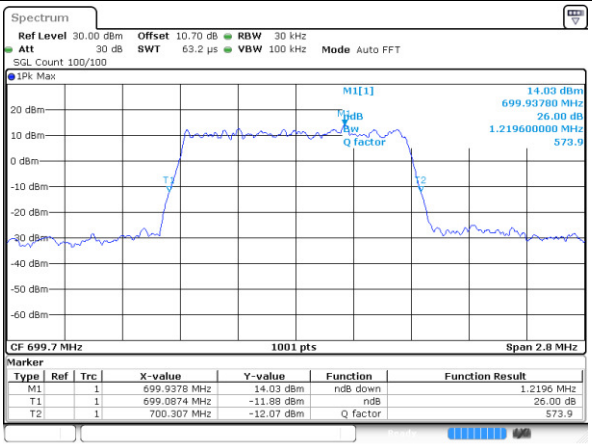


Highest Channel / 10MHz / 16QAM

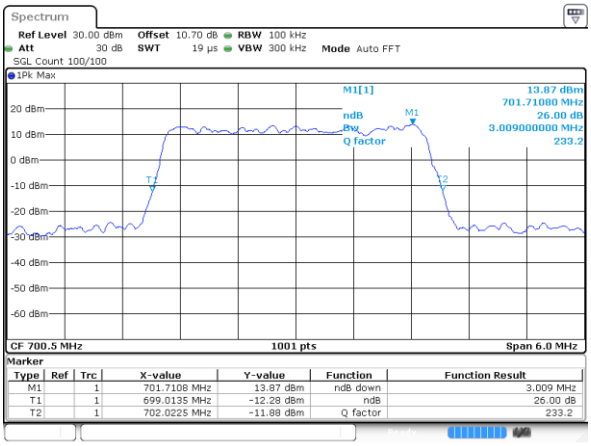


LTE Band 12

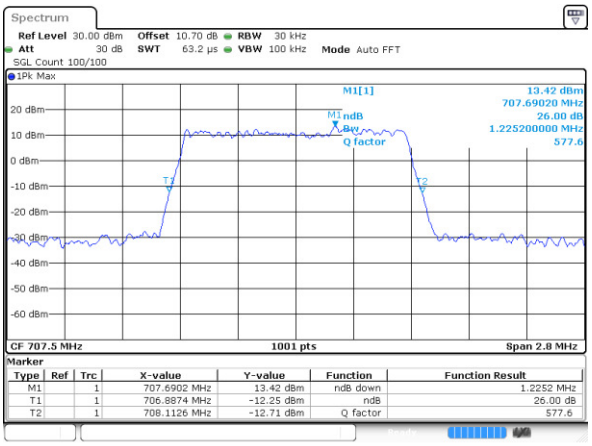
Lowest Channel / 1.4MHz / 64QAM



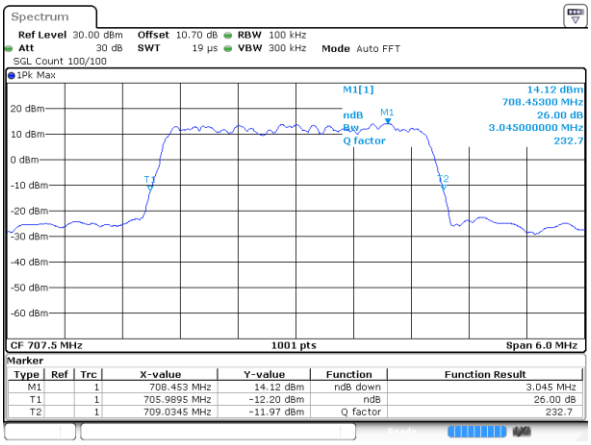
Lowest Channel / 3MHz / 64QAM



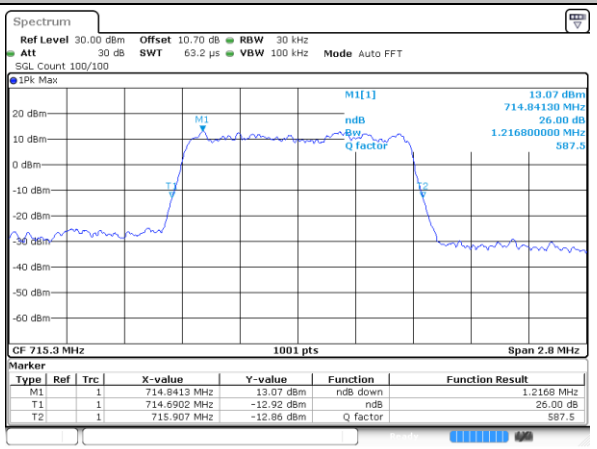
Middle Channel / 1.4MHz / 64QAM



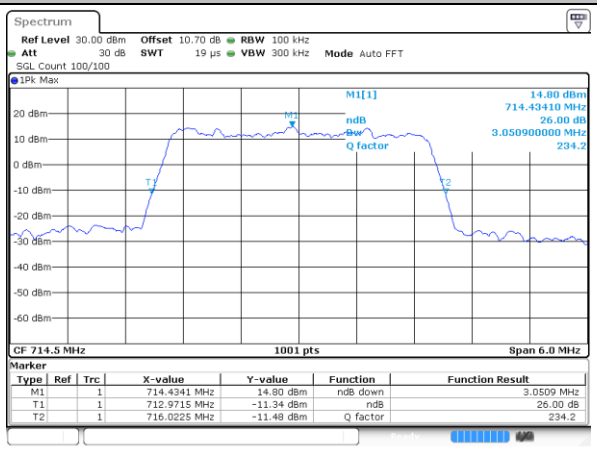
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

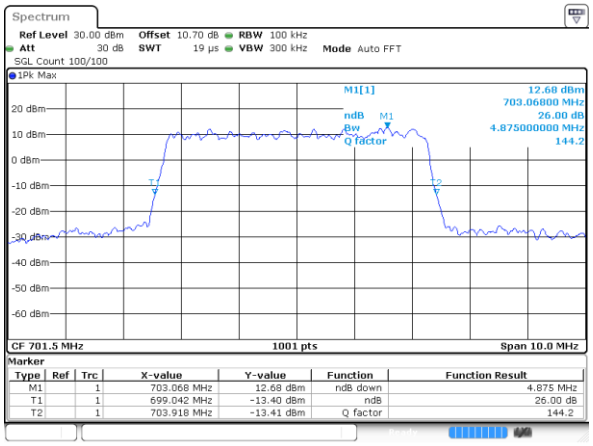


Highest Channel / 3MHz / 64QAM

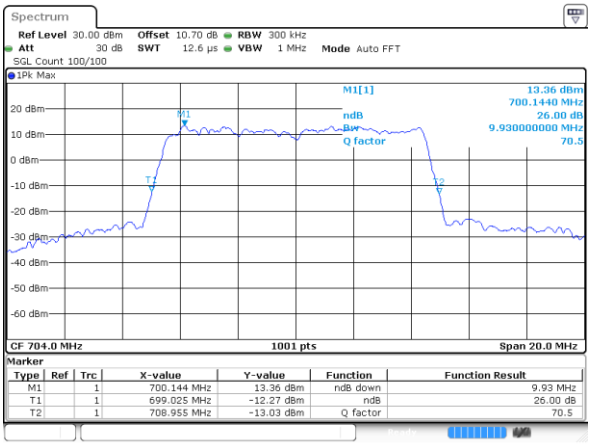


LTE Band 12

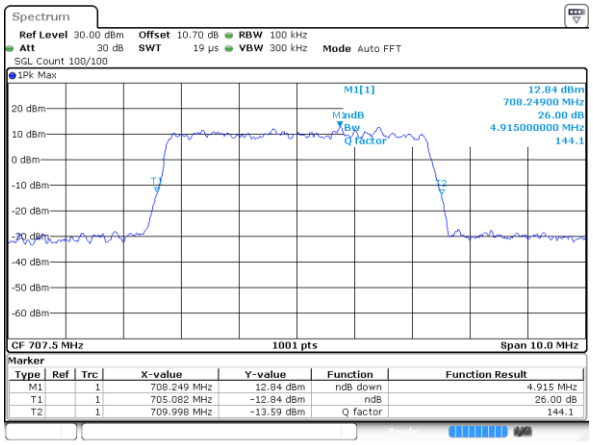
Lowest Channel / 5MHz / 64QAM



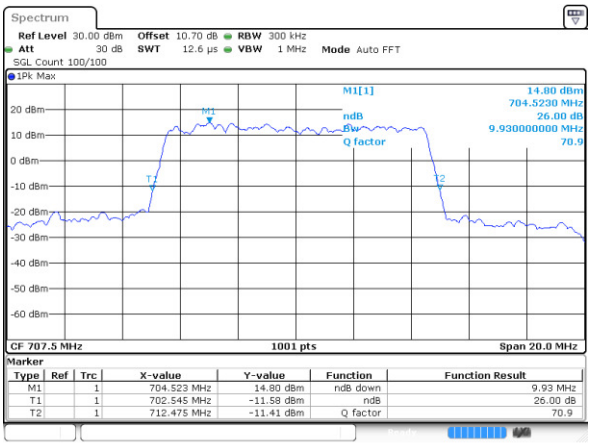
Lowest Channel / 10MHz / 64QAM



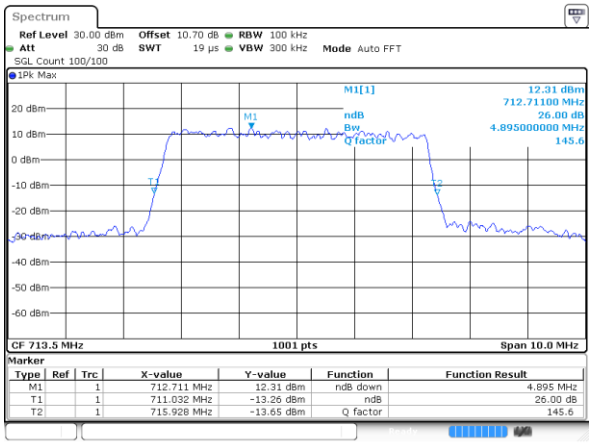
Middle Channel / 5MHz / 64QAM



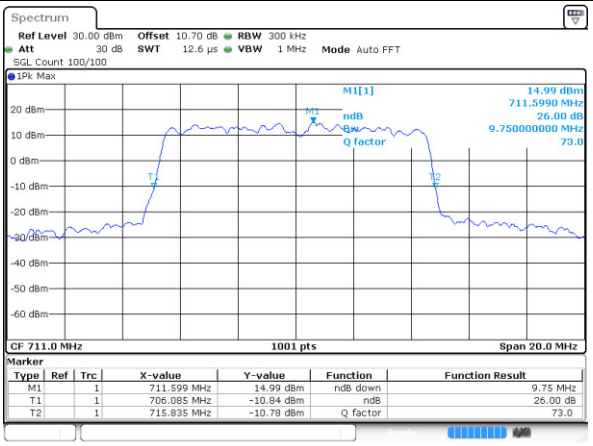
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

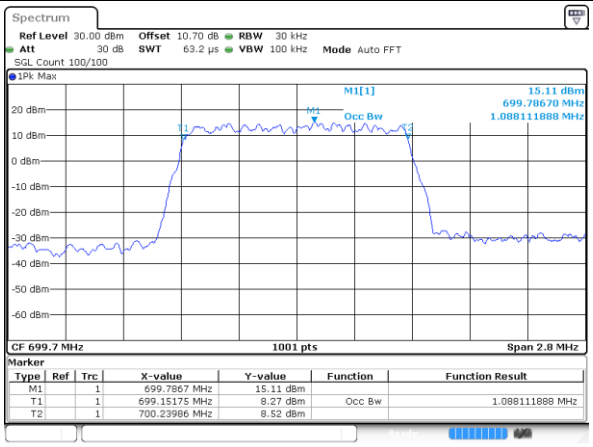


Occupied Bandwidth

Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.7	4.52	4.5	9.01	9.09	-	-	-	-
Middle CH	1.09	1.09	2.71	2.72	4.5	4.5	9.01	9.01	-	-	-	-
Highest CH	1.09	1.09	2.71	2.73	4.47	4.52	9.07	8.97	-	-	-	-
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	-	2.73	-	4.50	-	9.05	-	-	-	-	-
Middle CH	1.09	-	2.72	-	4.52	-	9.03	-	-	-	-	-
Highest CH	1.09	-	2.73	-	4.53	-	8.99	-	-	-	-	-

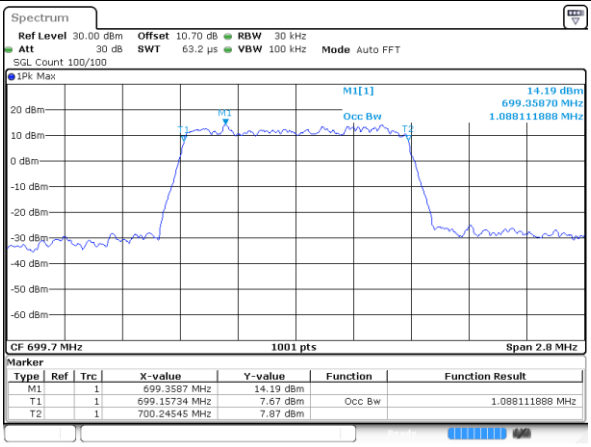
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



Date: 14.FEB.2018 12:29:52

Lowest Channel / 1.4MHz / 16QAM



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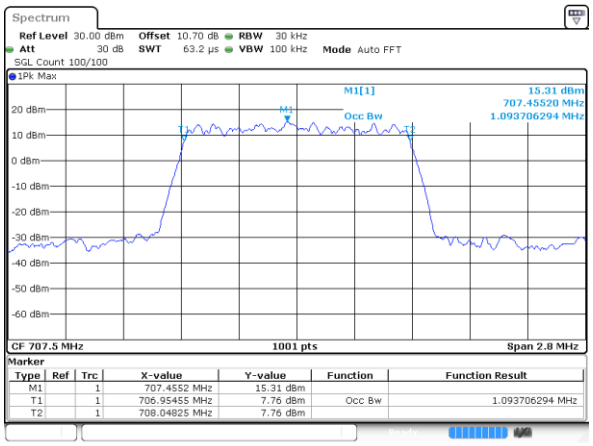
Middle Channel / 1.4MHz / QPSK



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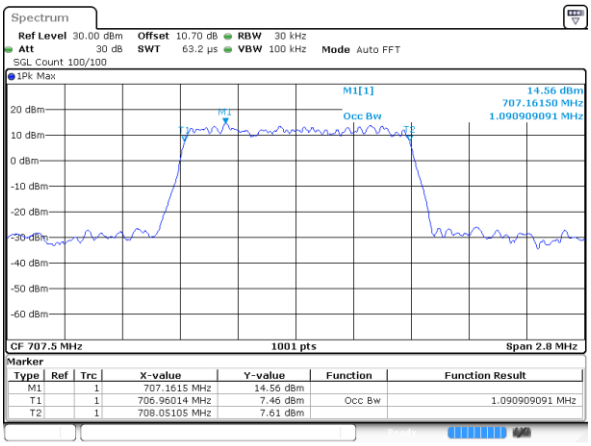
Middle Channel / 1.4MHz / 16QAM



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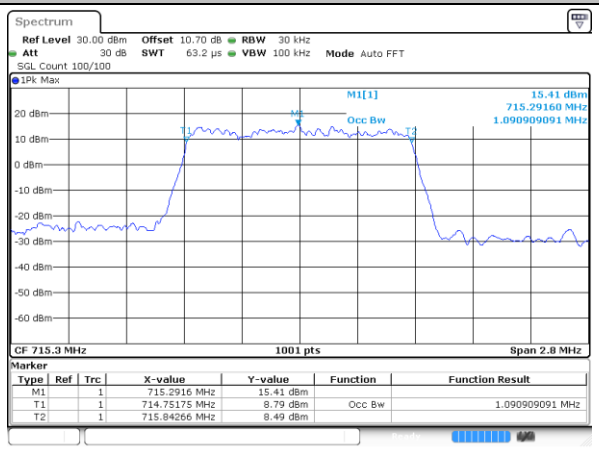
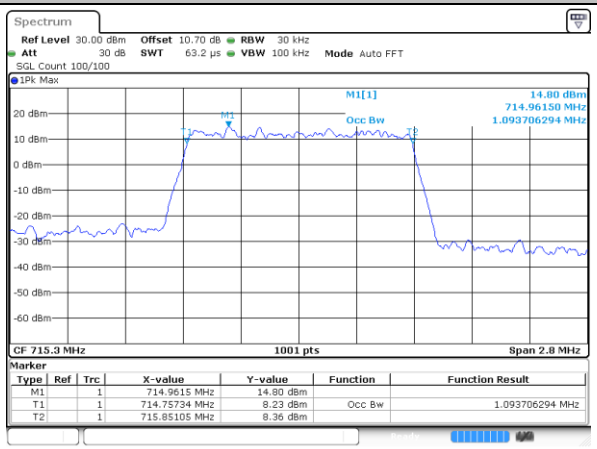
Highest Channel / 1.4MHz / QPSK



Date: 14.FEB.2018 12:39:14

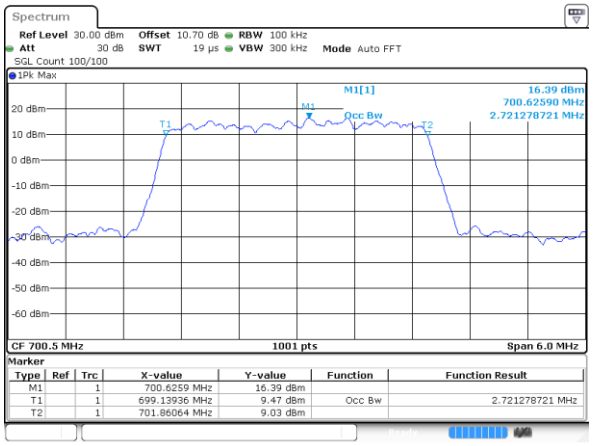
Highest Channel / 1.4MHz / 16QAM



Date: 14.FEB.2018 12:39:24

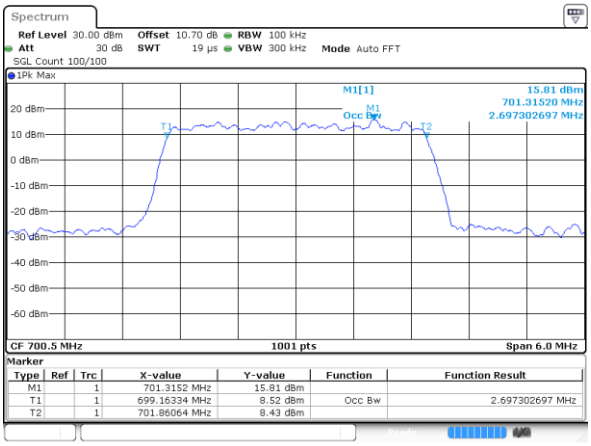
LTE Band 12

Lowest Channel / 3MHz / QPSK



Date: 13.FEB.2018 17:09:46

Lowest Channel / 3MHz / 16QAM



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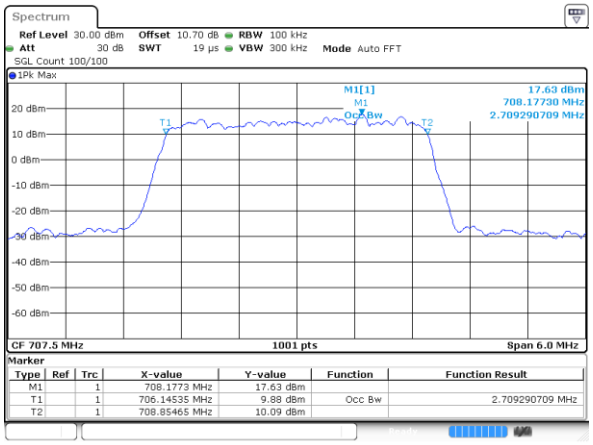
Middle Channel / 3MHz / QPSK



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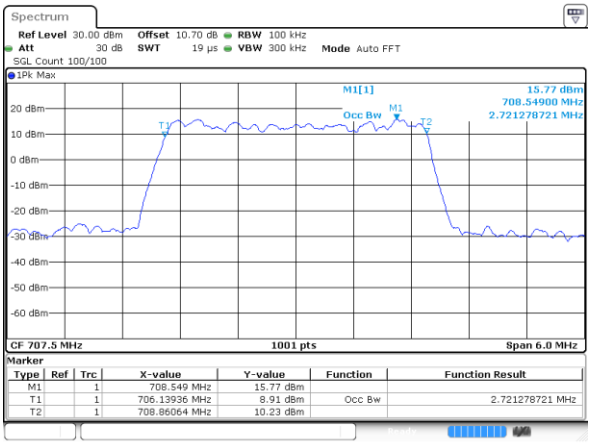
Middle Channel / 3MHz / 16QAM



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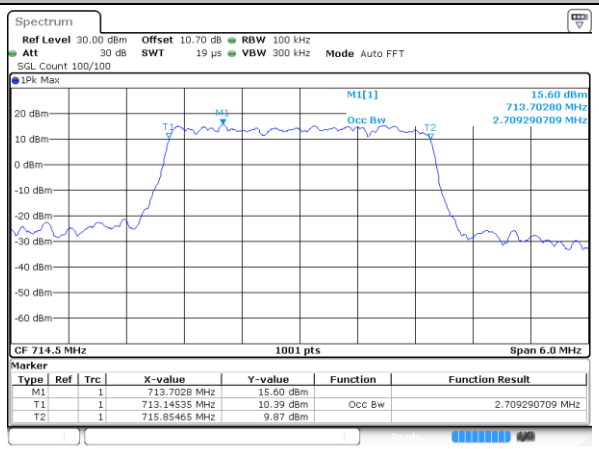
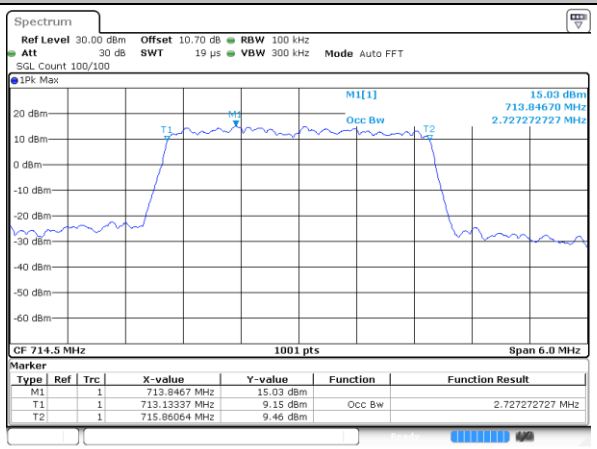
Highest Channel / 3MHz / QPSK



Date: 13.FEB.2018 17:19:09

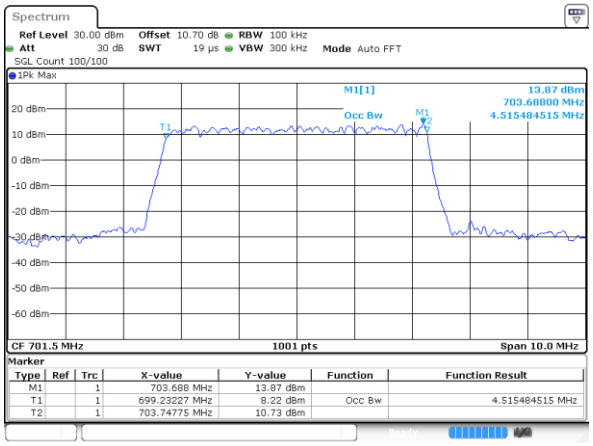
Highest Channel / 3MHz / 16QAM



Date: 13.FEB.2018 17:19:19

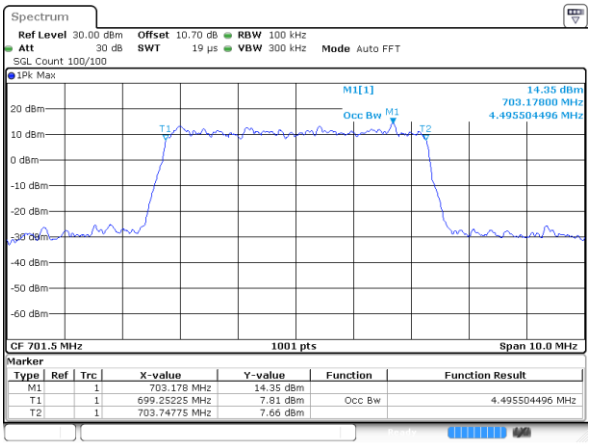
LTE Band 12

Lowest Channel / 5MHz / QPSK



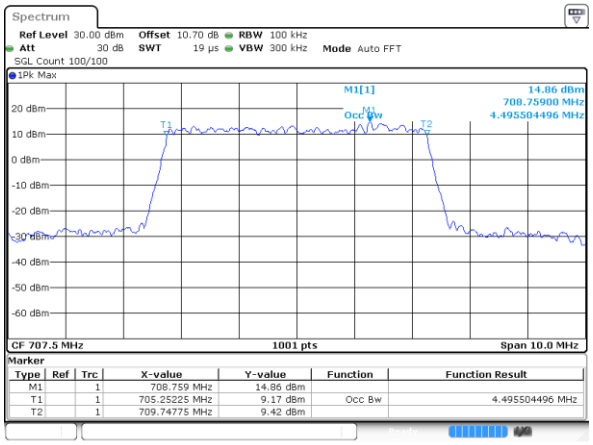
Date: 13.FEB.2018 17:26:04

Lowest Channel / 5MHz / 16QAM



Date: 13.FEB.2018 17:26:14

Middle Channel / 5MHz / QPSK



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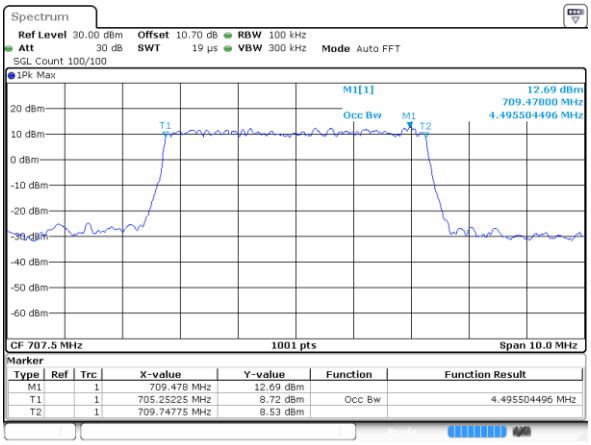
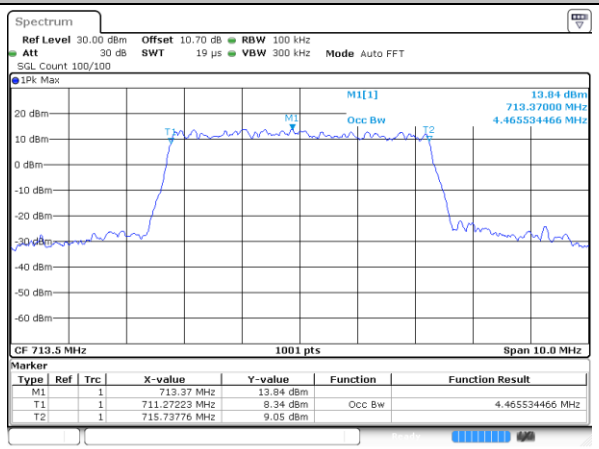
Middle Channel / 5MHz / 16QAM



Date: 13.FEB.2018 17:33:00

Highest Channel / 5MHz / QPSK



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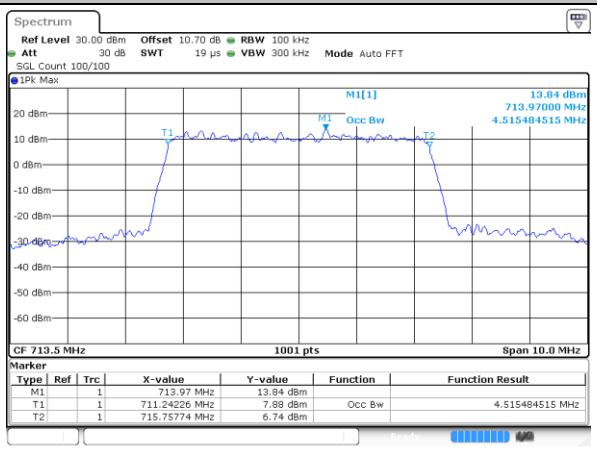
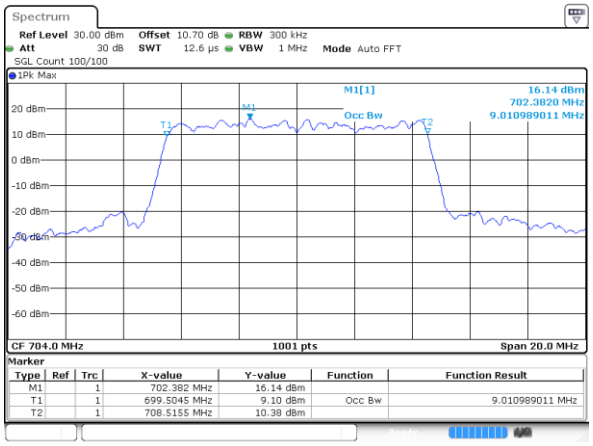
Highest Channel / 5MHz / 16QAM



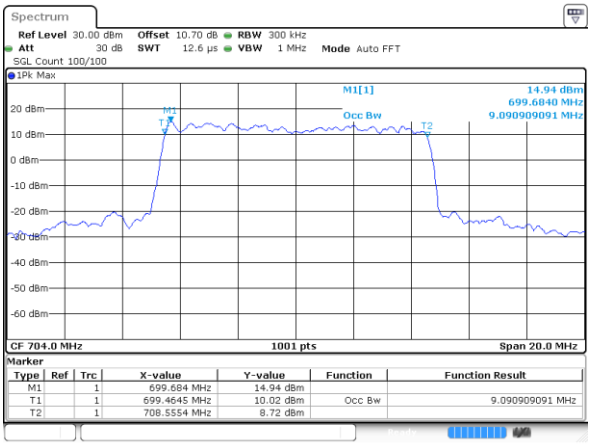
Date: 13.FEB.2018 17:35:37

LTE Band 12

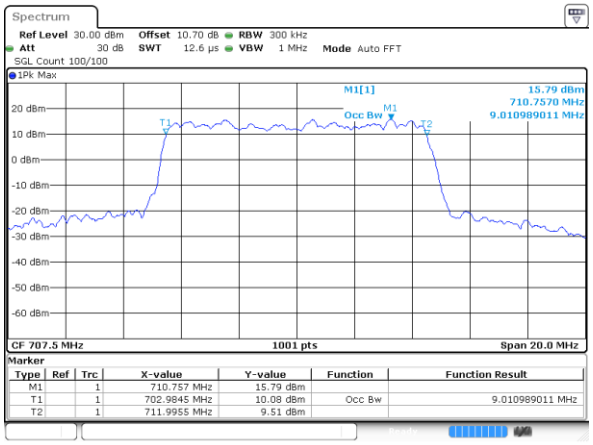
Lowest Channel / 10MHz / QPSK



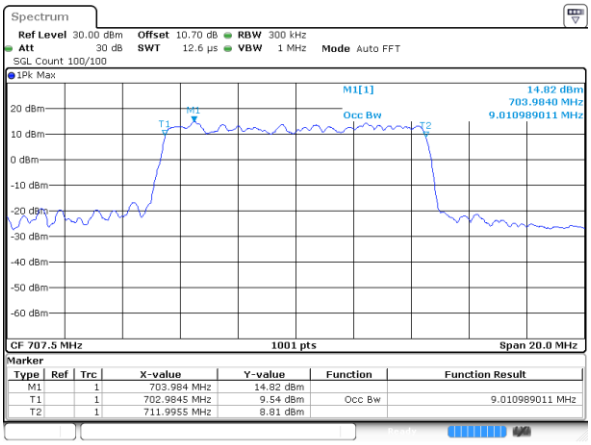
Lowest Channel / 10MHz / 16QAM



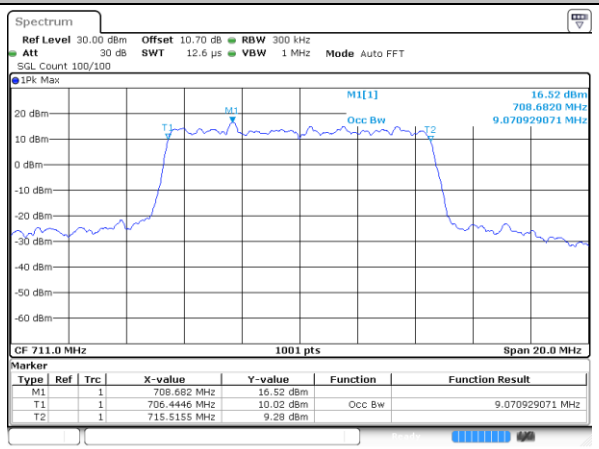
Middle Channel / 10MHz / QPSK



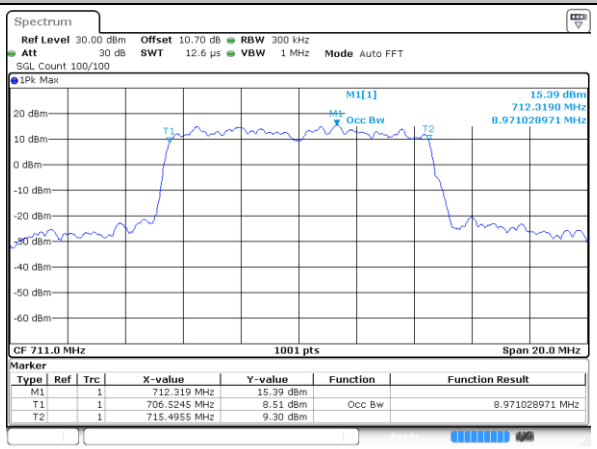
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

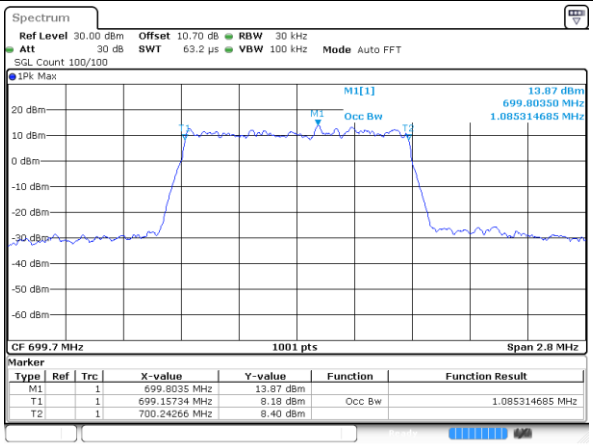


Highest Channel / 10MHz / 16QAM



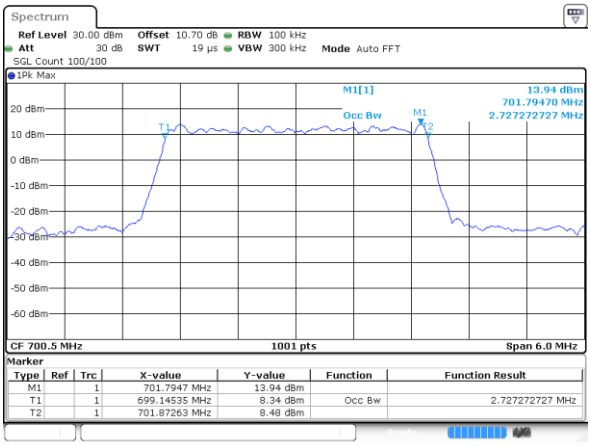
LTE Band 12

Lowest Channel / 1.4MHz / 64QAM



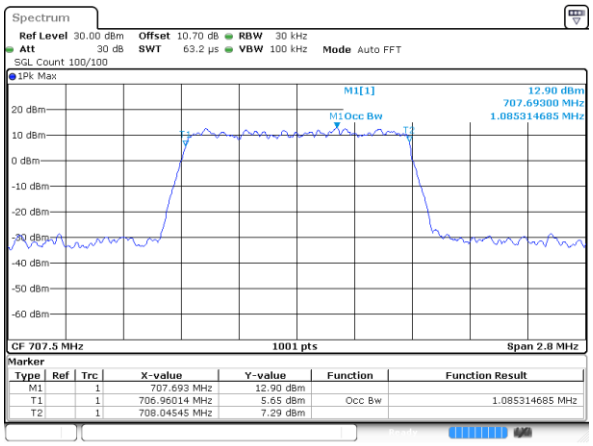
Date: 14.FEB.2018 12:21:20

Lowest Channel / 3MHz / 64QAM



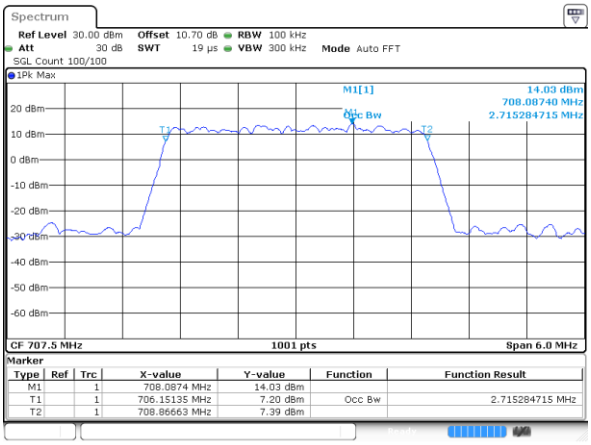
Date: 13.FEB.2018 18:47:37

Middle Channel / 1.4MHz / 64QAM



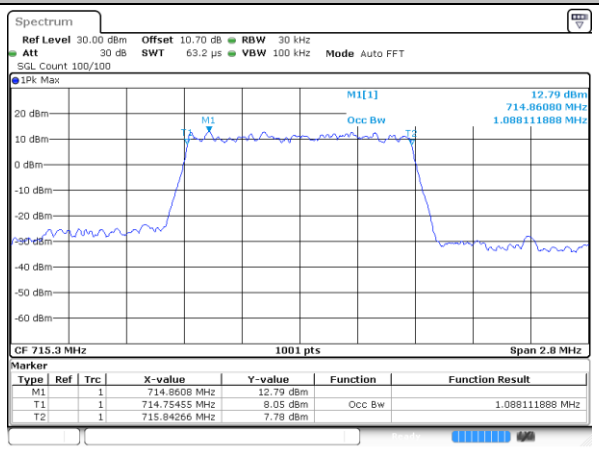
Date: 14.FEB.2018 12:25:10

Middle Channel / 3MHz / 64QAM



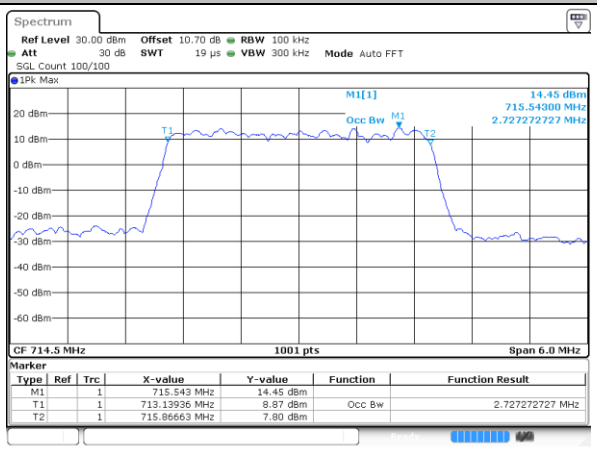
Date: 13.FEB.2018 18:51:05

Highest Channel / 1.4MHz / 64QAM



Date: 14.FEB.2018 12:26:24

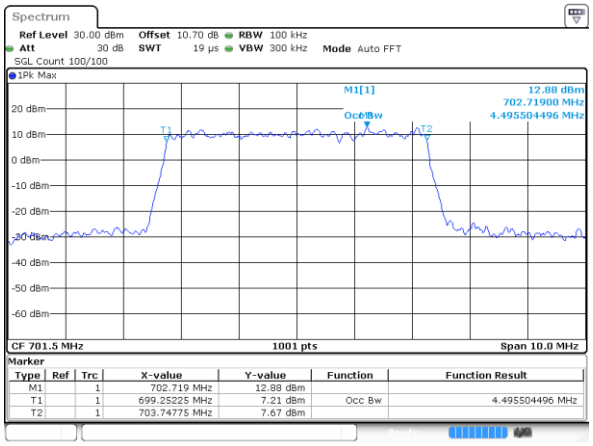
Highest Channel / 3MHz / 64QAM



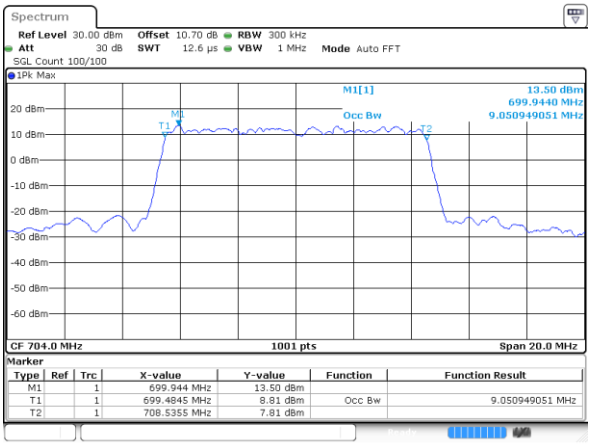
Date: 13.FEB.2018 18:52:19

LTE Band 12

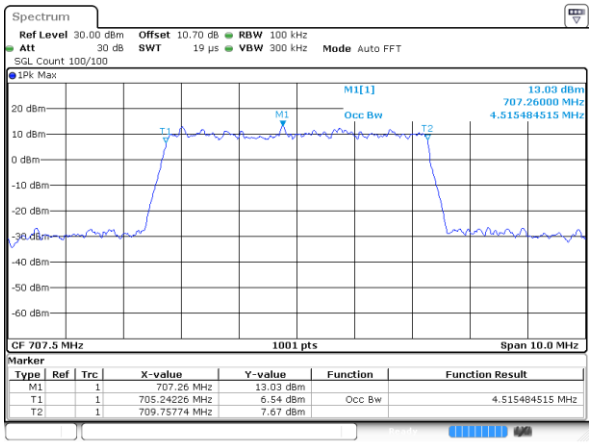
Lowest Channel / 5MHz / 64QAM



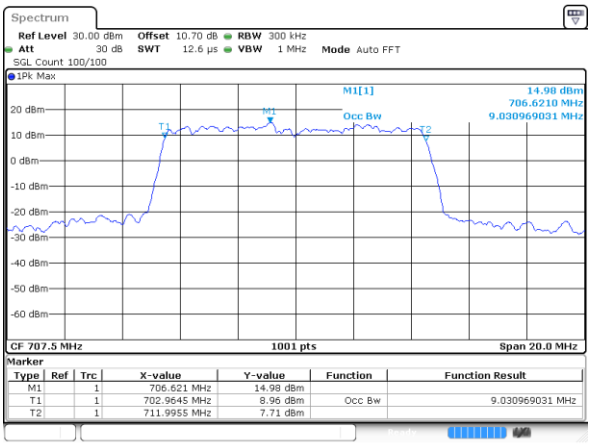
Lowest Channel / 10MHz / 64QAM



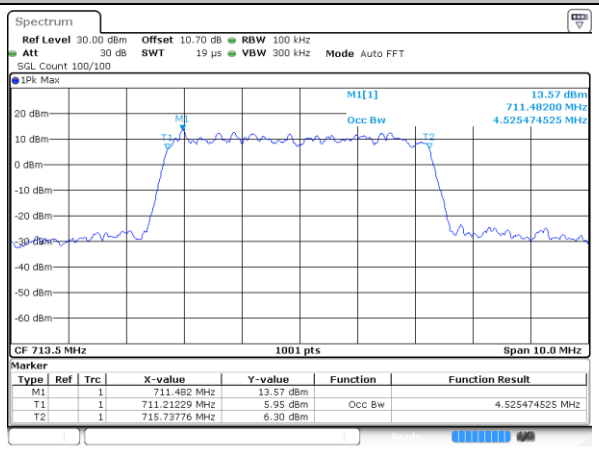
Middle Channel / 5MHz / 64QAM



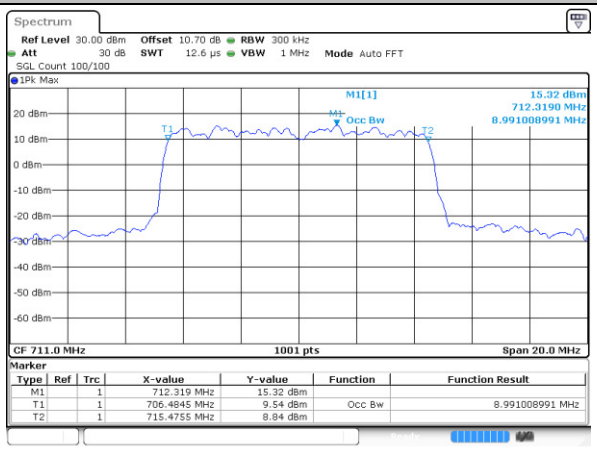
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



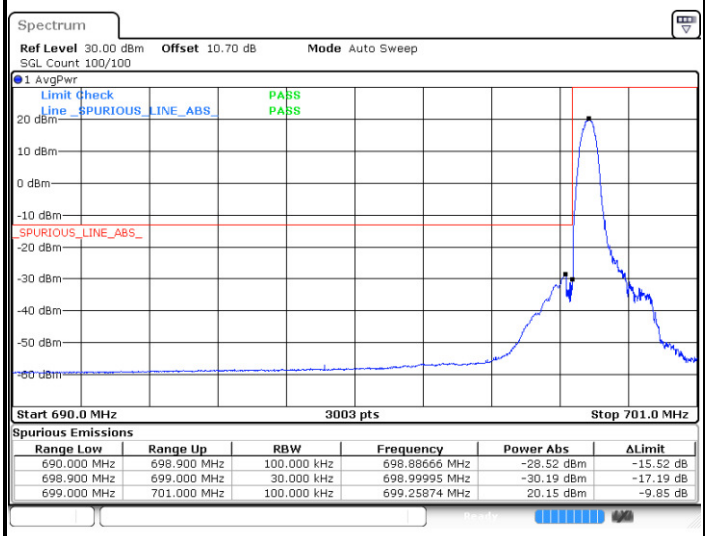
Highest Channel / 10MHz / 64QAM



Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1 RB

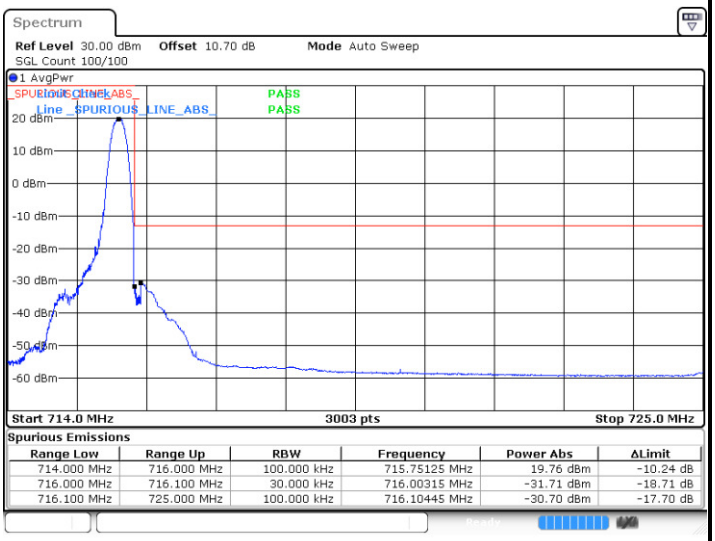


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-28.52 dBm	-15.52 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-30.19 dBm	-17.19 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.25874 MHz	20.15 dBm	-9.85 dB

Date: 14.FEB.2018 12:34:51

Highest Band Edge / 1RB

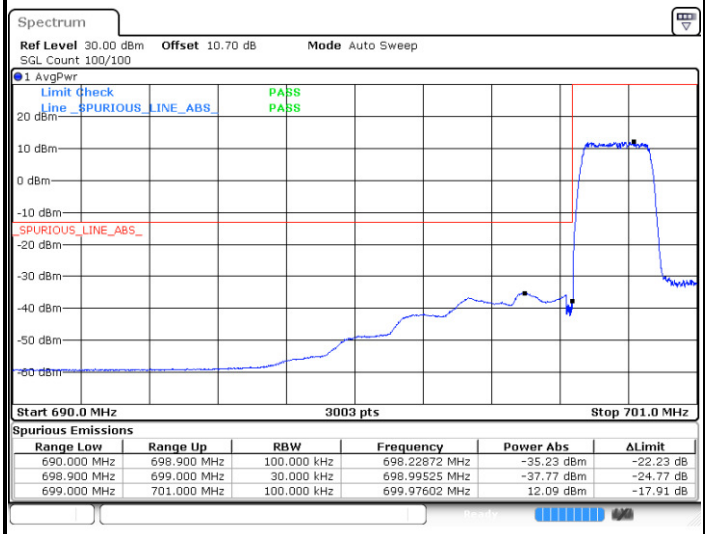


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.75125 MHz	19.76 dBm	-10.24 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00315 MHz	-31.71 dBm	-18.71 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.70 dBm	-17.70 dB

Date: 14.FEB.2018 12:44:13

Lowest Band Edge / Full RB

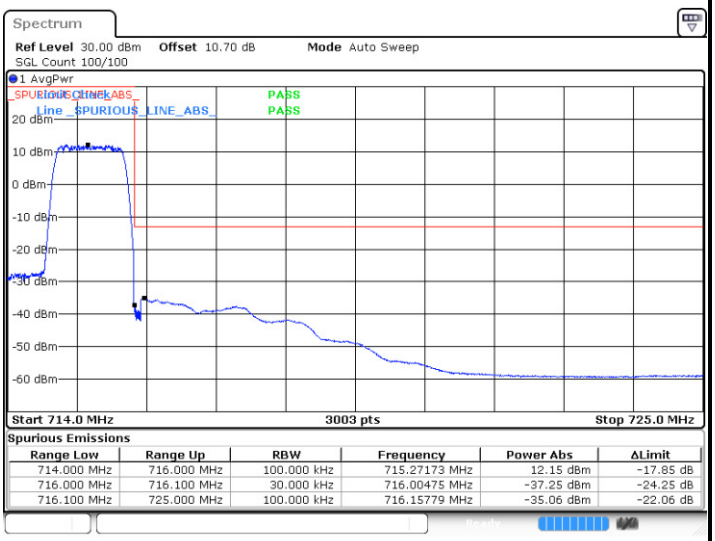


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.22872 MHz	-35.23 dBm	-22.23 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99525 MHz	-37.77 dBm	-24.77 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.97602 MHz	12.09 dBm	-17.91 dB

Date: 14.FEB.2018 12:31:29

Highest Band Edge / Full RB



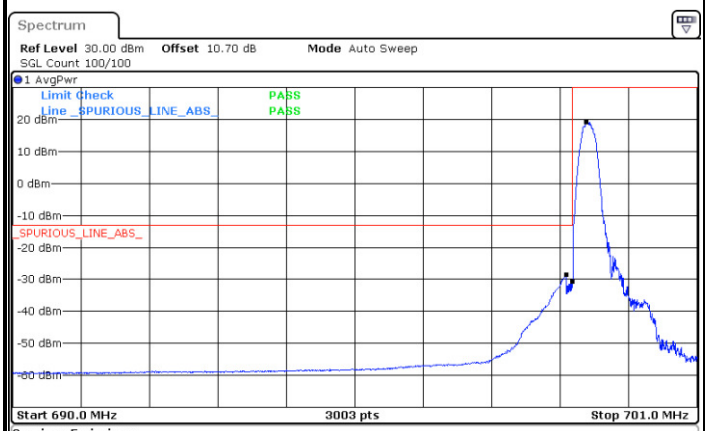
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.27173 MHz	12.15 dBm	-17.85 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00475 MHz	-37.25 dBm	-24.25 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.15779 MHz	-35.06 dBm	-22.06 dB

Date: 14.FEB.2018 12:40:51

LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

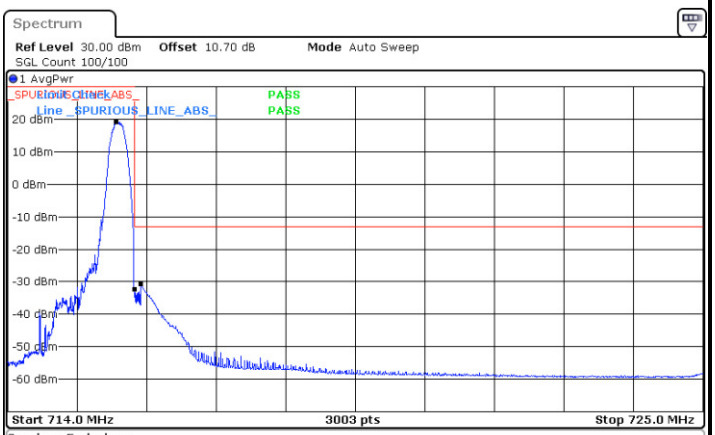


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.46 dBm	-15.46 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99925 MHz	-30.57 dBm	-17.57 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.21678 MHz	19.27 dBm	-10.73 dB

Date: 14.FEB.2018 12:33:43

Highest Band Edge / 1 RB

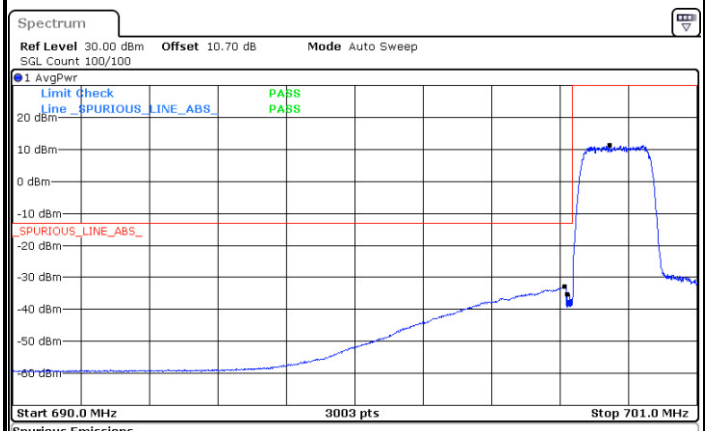


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.71528 MHz	19.17 dBm	-10.83 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00425 MHz	-32.30 dBm	-19.30 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.79 dBm	-17.79 dB

Date: 14.FEB.2018 12:43:06

Lowest Band Edge / Full RB

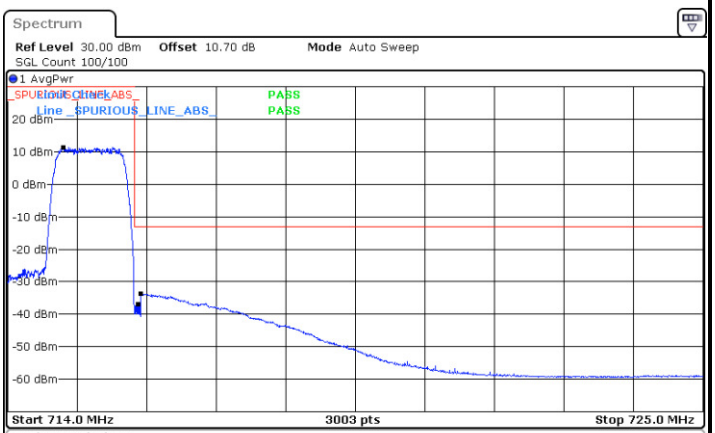


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.86888 MHz	-32.98 dBm	-19.98 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.90455 MHz	-35.22 dBm	-22.22 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.58641 MHz	11.43 dBm	-18.57 dB

Date: 14.FEB.2018 12:32:36

Highest Band Edge / Full RB



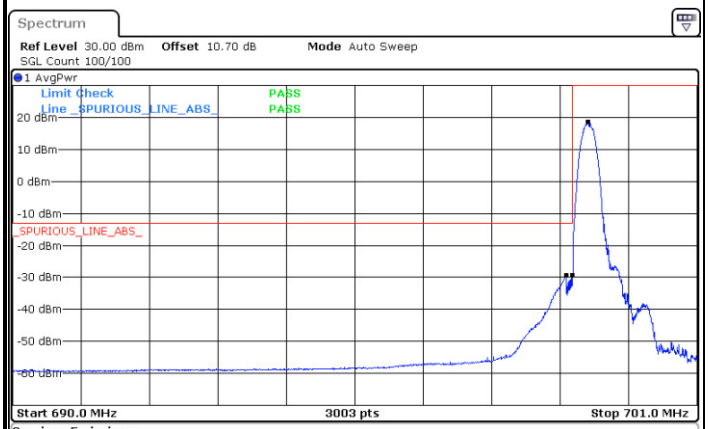
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	714.87612 MHz	11.43 dBm	-18.57 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.06229 MHz	-37.03 dBm	-24.03 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.71 dBm	-20.71 dB

Date: 14.FEB.2018 12:41:59

LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

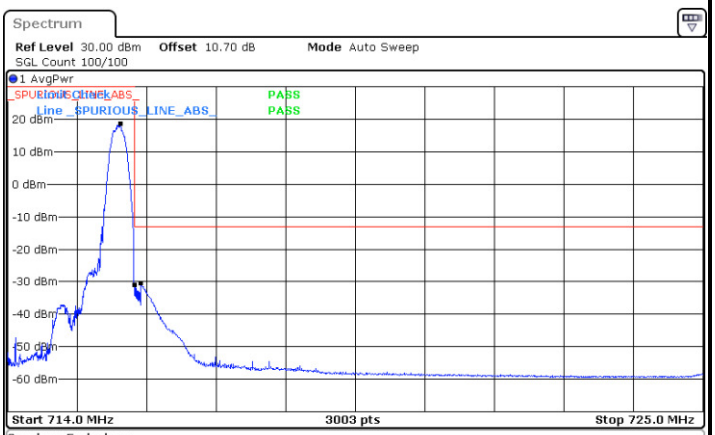


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.27 dBm	-16.27 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98916 MHz	-29.36 dBm	-16.36 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.24076 MHz	18.58 dBm	-11.42 dB

Date: 14.FEB.2018 12:24:07

Highest Band Edge / 1 RB

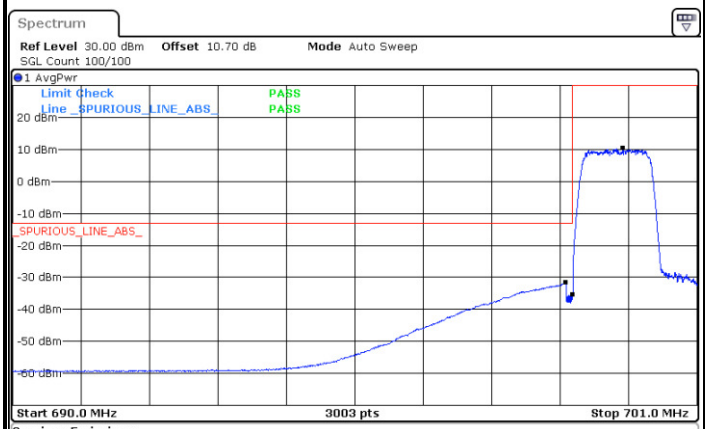


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.78122 MHz	18.62 dBm	-11.38 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00644 MHz	-31.06 dBm	-18.06 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.34 dBm	-17.34 dB

Date: 14.FEB.2018 12:28:48

Lowest Band Edge / Full RB

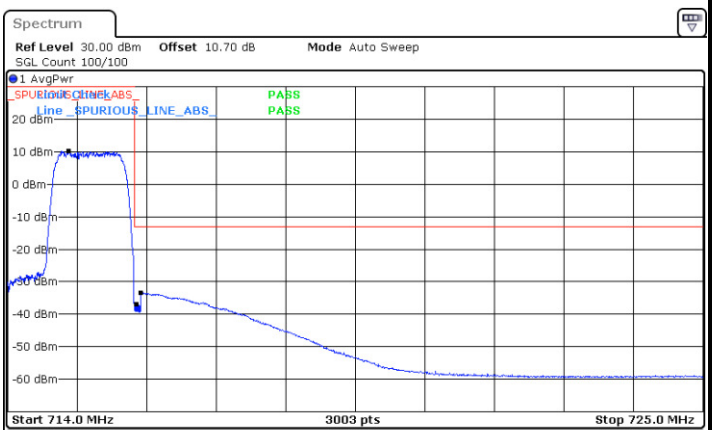


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-31.62 dBm	-18.62 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99186 MHz	-35.28 dBm	-22.28 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.80220 MHz	10.39 dBm	-19.61 dB

Date: 14.FEB.2018 12:22:38

Highest Band Edge / Full RB



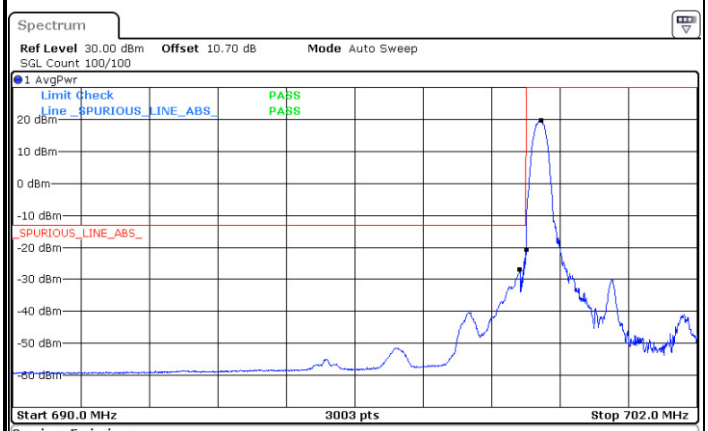
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	714.96803 MHz	10.27 dBm	-19.73 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.03621 MHz	-37.00 dBm	-24.00 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.48 dBm	-20.48 dB

Date: 14.FEB.2018 12:27:41

LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB

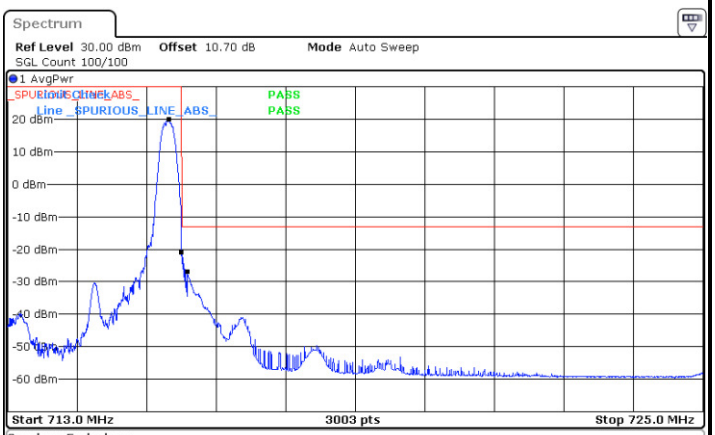


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-26.95 dBm	-13.95 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99905 MHz	-20.55 dBm	-7.55 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.26224 MHz	19.76 dBm	-10.24 dB

Date: 13.FEB.2018 17:14:45

Highest Band Edge / 1 RB

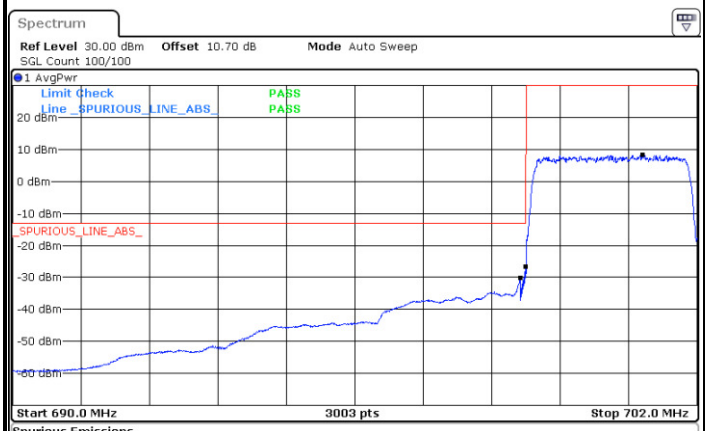


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.77972 MHz	19.91 dBm	-10.09 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00025 MHz	-20.96 dBm	-7.96 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-26.92 dBm	-13.92 dB

Date: 13.FEB.2018 17:24:08

Lowest Band Edge / Full RB

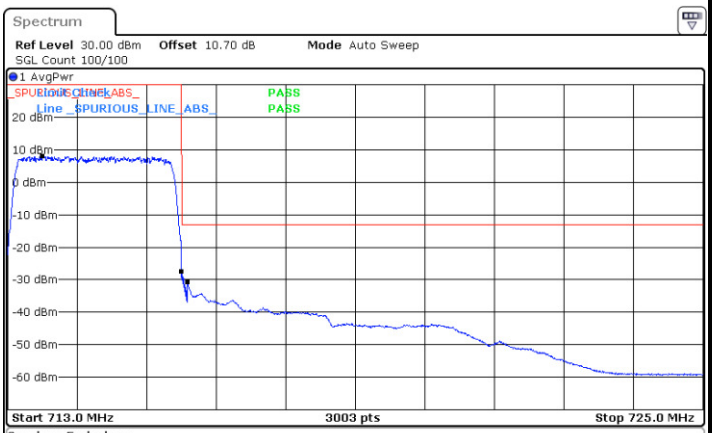


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.20 dBm	-17.20 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99635 MHz	-26.70 dBm	-13.70 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.03946 MHz	8.21 dBm	-21.79 dB

Date: 13.FEB.2018 17:11:23

Highest Band Edge / Full RB



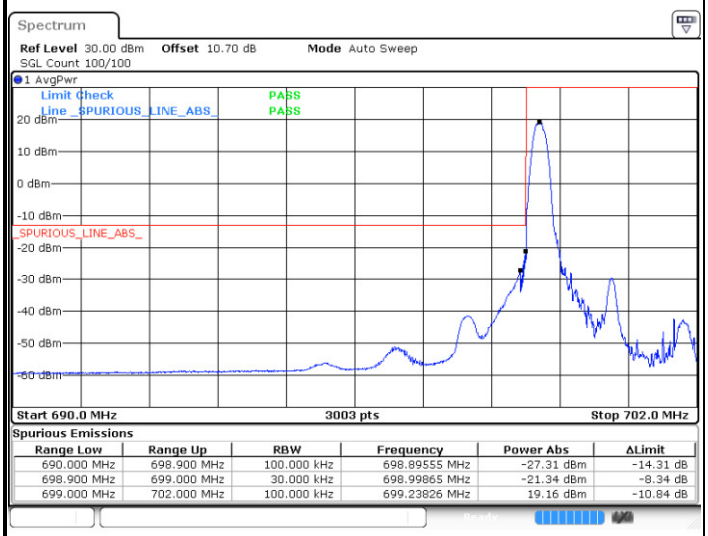
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.60090 MHz	7.99 dBm	-22.01 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00045 MHz	-27.45 dBm	-14.45 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.59 dBm	-17.59 dB

Date: 13.FEB.2018 17:20:46

LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

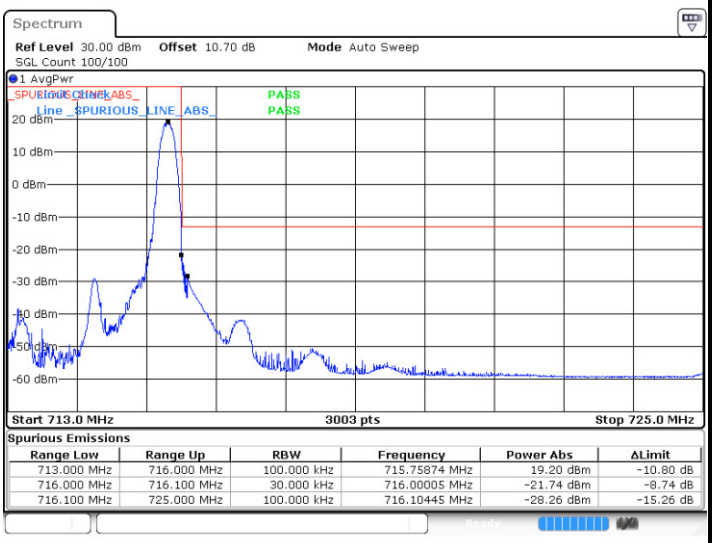


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.31 dBm	-14.31 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99865 MHz	-21.34 dBm	-8.34 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.23826 MHz	19.16 dBm	-10.84 dB

Date: 13.FEB.2018 17:13:38

Highest Band Edge / 1 RB

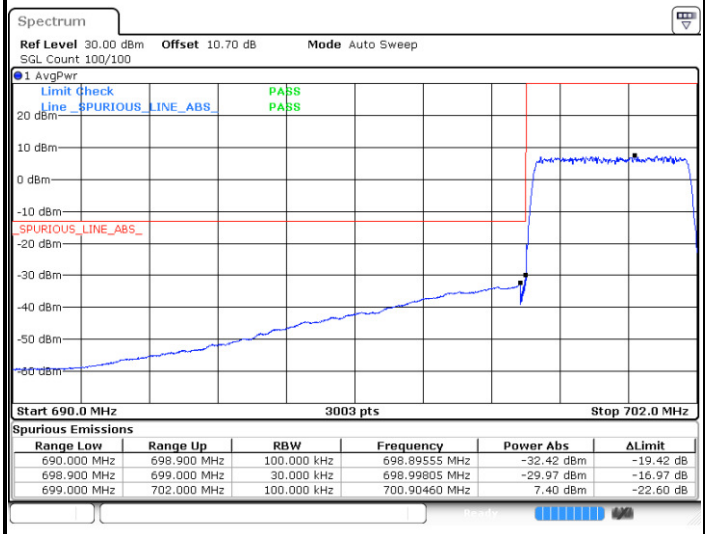


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.75874 MHz	19.20 dBm	-10.80 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00005 MHz	-21.74 dBm	-8.74 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.26 dBm	-15.26 dB

Date: 13.FEB.2018 17:23:00

Lowest Band Edge / Full RB

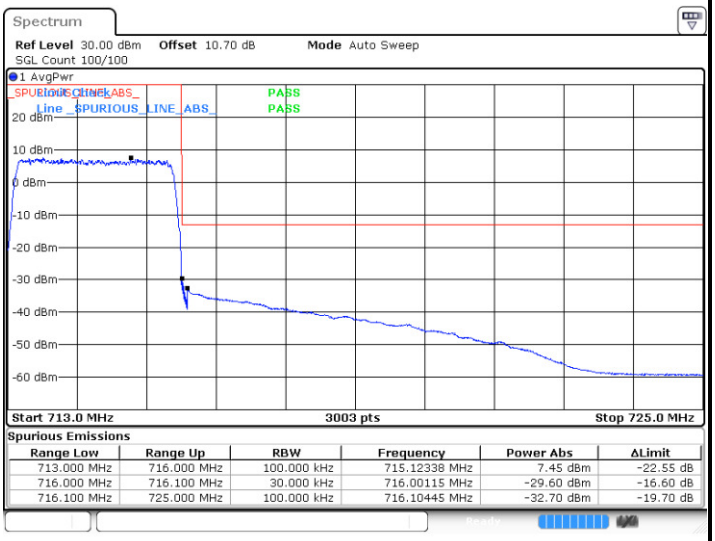


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-32.42 dBm	-19.42 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99805 MHz	-29.97 dBm	-16.97 dB
699.000 MHz	702.000 MHz	100.000 kHz	700.90460 MHz	7.40 dBm	-22.60 dB

Date: 13.FEB.2018 17:12:31

Highest Band Edge / Full RB



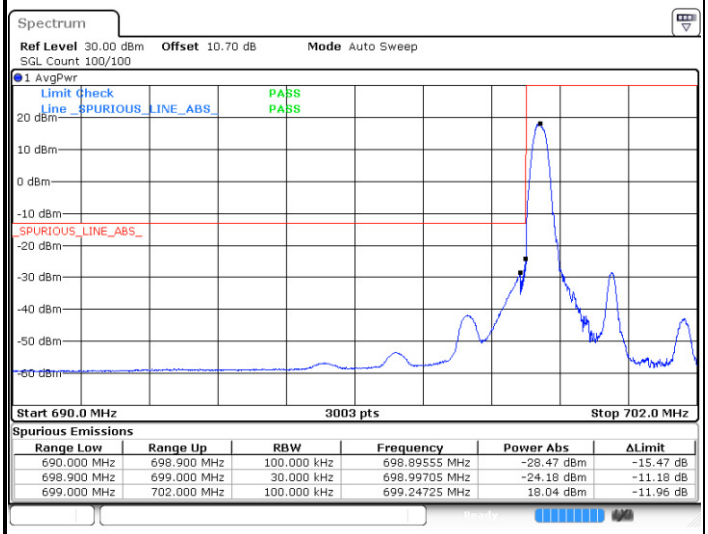
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.12338 MHz	7.45 dBm	-22.55 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00115 MHz	-29.60 dBm	-16.60 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.70 dBm	-19.70 dB

Date: 13.FEB.2018 17:21:53

LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB

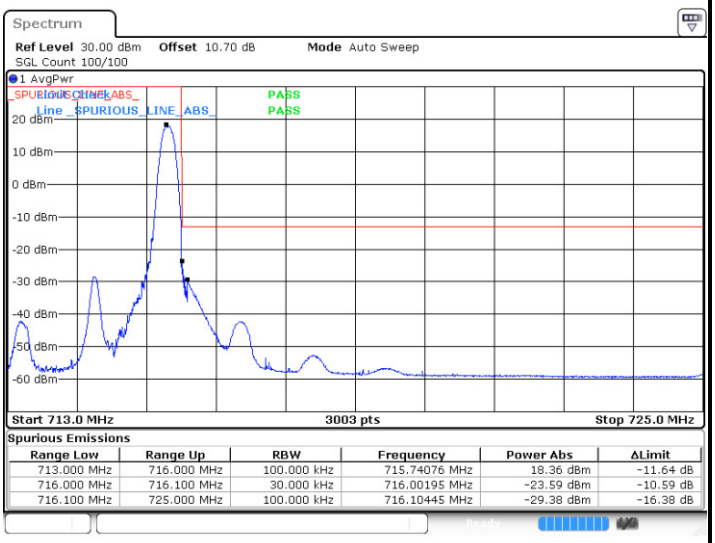


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.47 dBm	-15.47 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99705 MHz	-24.18 dBm	-11.18 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.24725 MHz	18.04 dBm	-11.96 dB

Date: 13.FEB.2018 18:50:02

Highest Band Edge / 1 RB

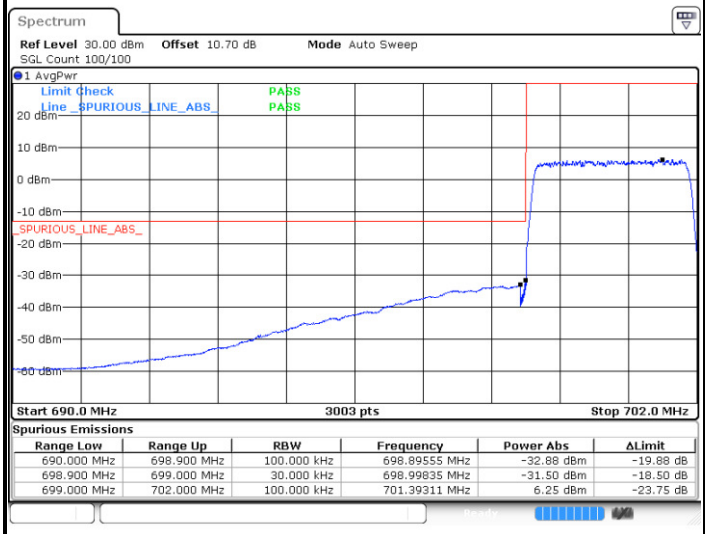


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.74076 MHz	18.36 dBm	-11.64 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00195 MHz	-23.59 dBm	-10.59 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.38 dBm	-16.38 dB

Date: 13.FEB.2018 18:54:44

Lowest Band Edge / Full RB

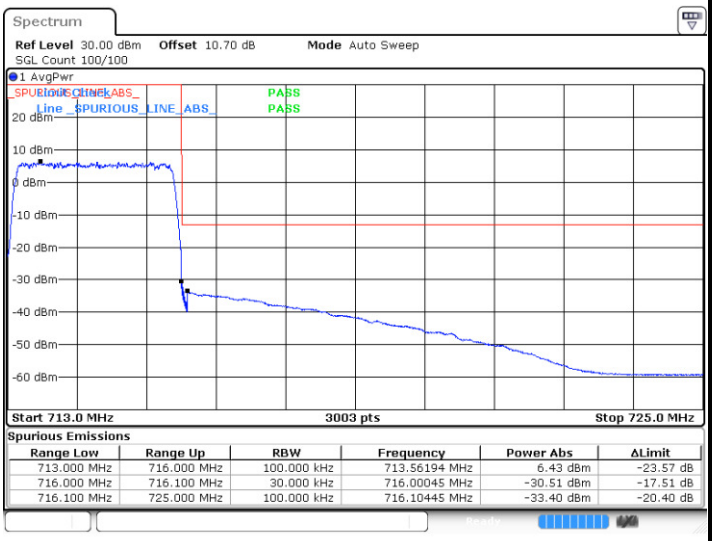


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-32.88 dBm	-19.88 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99835 MHz	-31.50 dBm	-18.50 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.39311 MHz	6.25 dBm	-23.75 dB

Date: 13.FEB.2018 18:48:55

Highest Band Edge / Full RB



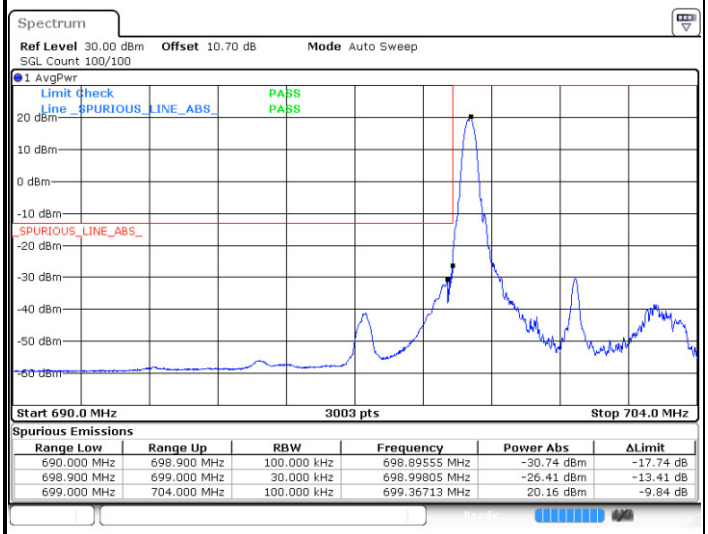
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.56194 MHz	6.43 dBm	-23.57 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00045 MHz	-30.51 dBm	-17.51 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.40 dBm	-20.40 dB

Date: 13.FEB.2018 18:53:37

LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB

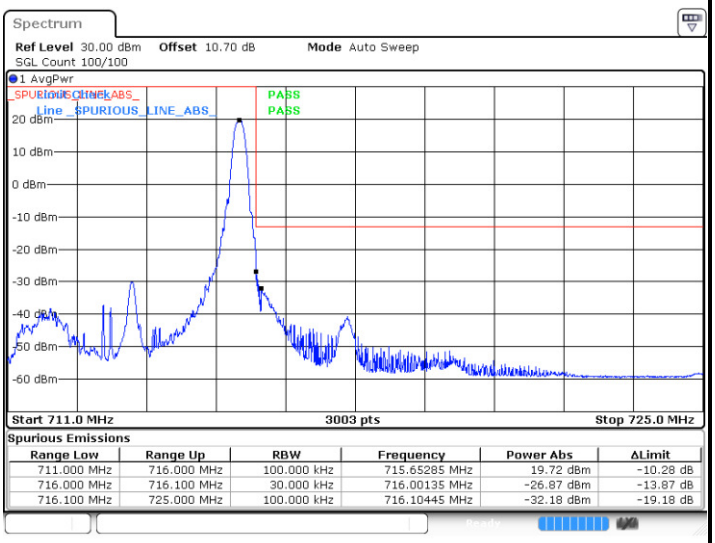


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.74 dBm	-17.74 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99805 MHz	-26.41 dBm	-13.41 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.36713 MHz	20.16 dBm	-9.84 dB

Date: 13.FEB.2018 17:31:03

Highest Band Edge / 1 RB

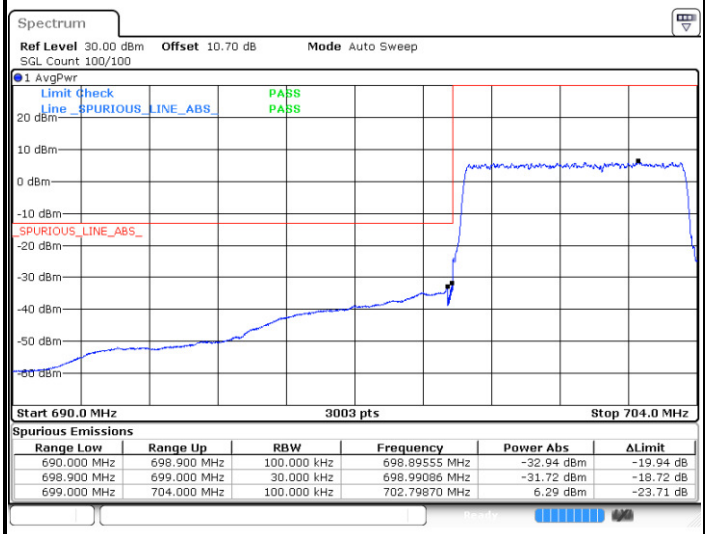


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.65285 MHz	19.72 dBm	-10.28 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00135 MHz	-26.87 dBm	-13.87 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.18 dBm	-19.18 dB

Date: 13.FEB.2018 17:39:19

Lowest Band Edge / Full RB

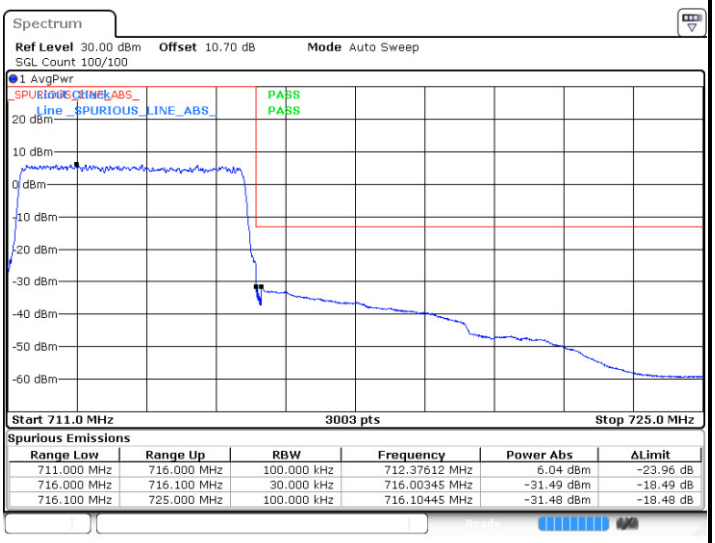


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-32.94 dBm	-19.94 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99086 MHz	-31.72 dBm	-18.72 dB
699.000 MHz	704.000 MHz	100.000 kHz	702.79870 MHz	6.29 dBm	-23.71 dB

Date: 13.FEB.2018 17:27:42

Highest Band Edge / Full RB



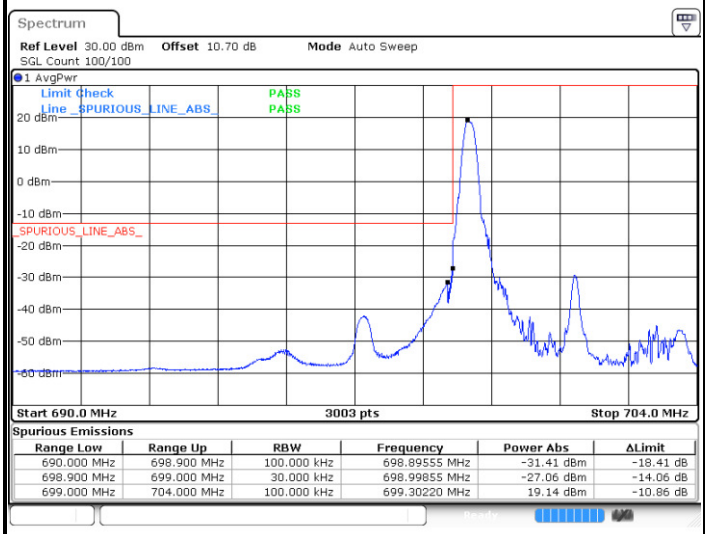
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	712.37612 MHz	6.04 dBm	-23.96 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00345 MHz	-31.49 dBm	-18.49 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.48 dBm	-18.48 dB

Date: 13.FEB.2018 17:37:04

LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB

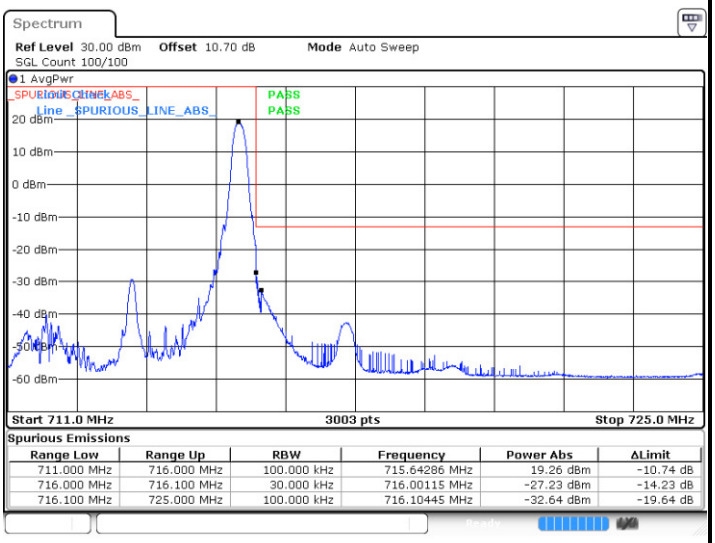


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.41 dBm	-18.41 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99855 MHz	-27.06 dBm	-14.06 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.30220 MHz	19.14 dBm	-10.86 dB

Date: 13.FEB.2018 17:29:56

Highest Band Edge / 1 RB

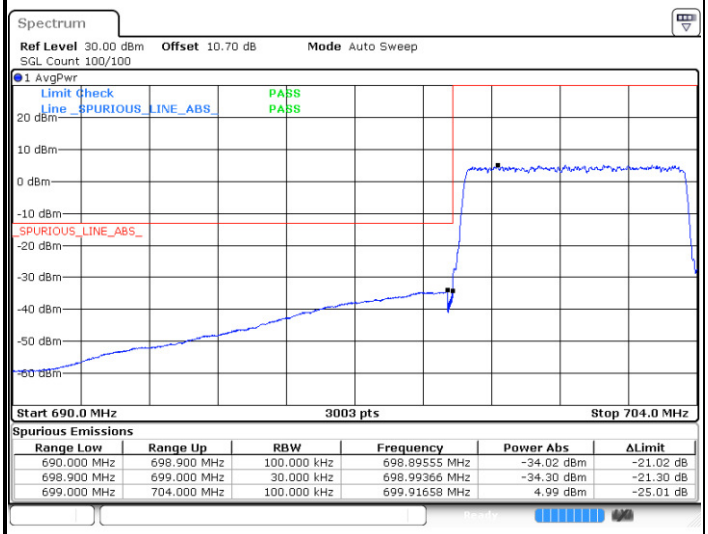


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.64286 MHz	19.26 dBm	-10.74 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00115 MHz	-27.23 dBm	-14.23 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.64 dBm	-19.64 dB

Date: 13.FEB.2018 17:40:26

Lowest Band Edge / Full RB

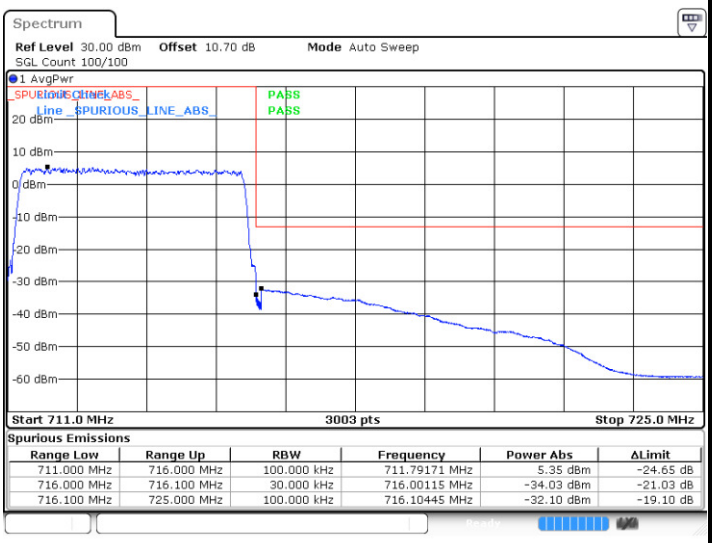


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-34.02 dBm	-21.02 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99366 MHz	-34.30 dBm	-21.30 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.91658 MHz	4.99 dBm	-25.01 dB

Date: 13.FEB.2018 17:28:49

Highest Band Edge / Full RB



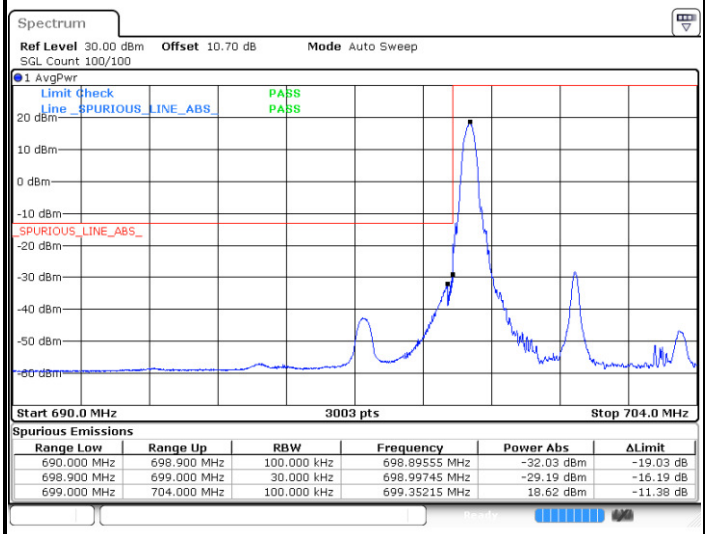
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.79171 MHz	5.35 dBm	-24.65 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00115 MHz	-34.03 dBm	-21.03 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.10 dBm	-19.10 dB

Date: 13.FEB.2018 17:38:11

LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / 1RB

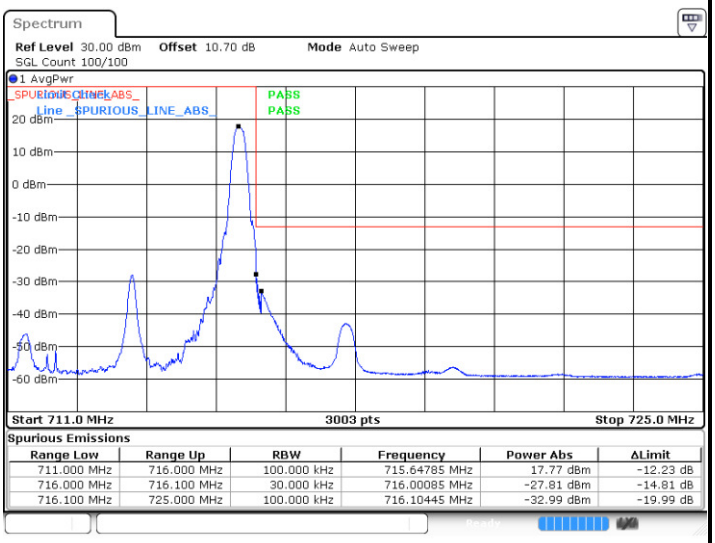


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-32.03 dBm	-19.03 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99745 MHz	-29.19 dBm	-16.19 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.35215 MHz	18.62 dBm	-11.38 dB

Date: 13.FEB.2018 18:58:12

Highest Band Edge / 1 RB

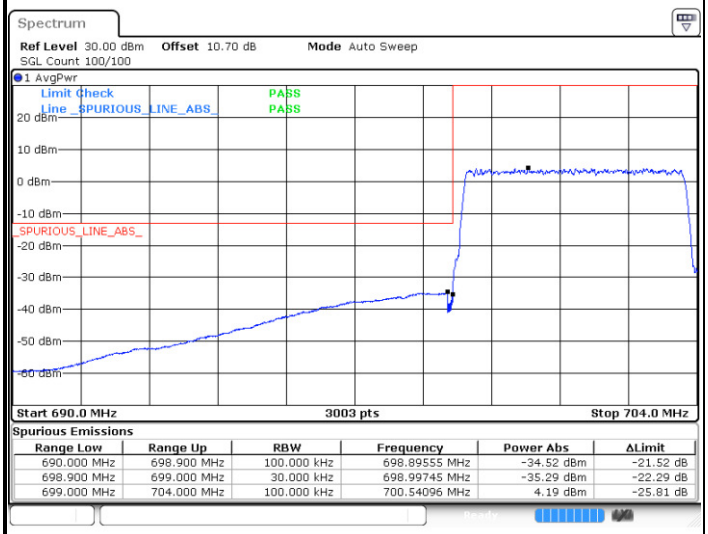


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.64785 MHz	17.77 dBm	-12.23 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00085 MHz	-27.81 dBm	-14.81 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.99 dBm	-19.99 dB

Date: 13.FEB.2018 19:02:54

Lowest Band Edge / Full RB

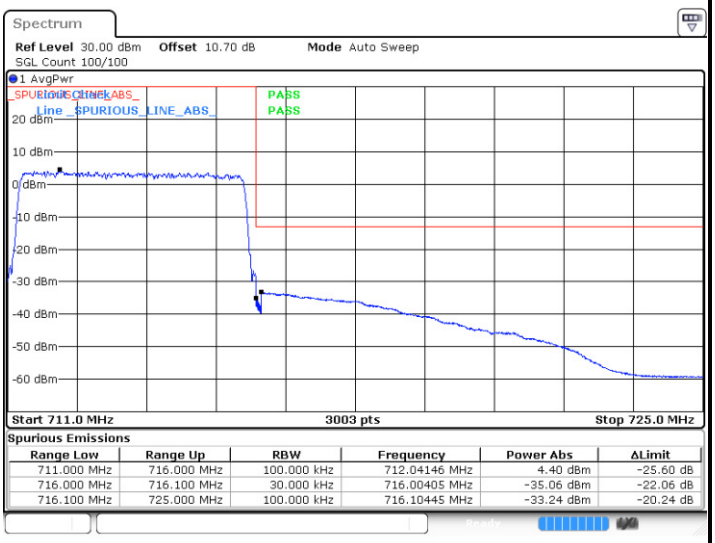


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-34.52 dBm	-21.52 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99745 MHz	-35.29 dBm	-22.29 dB
699.000 MHz	704.000 MHz	100.000 kHz	700.54096 MHz	4.19 dBm	-25.81 dB

Date: 13.FEB.2018 18:57:05

Highest Band Edge / Full RB



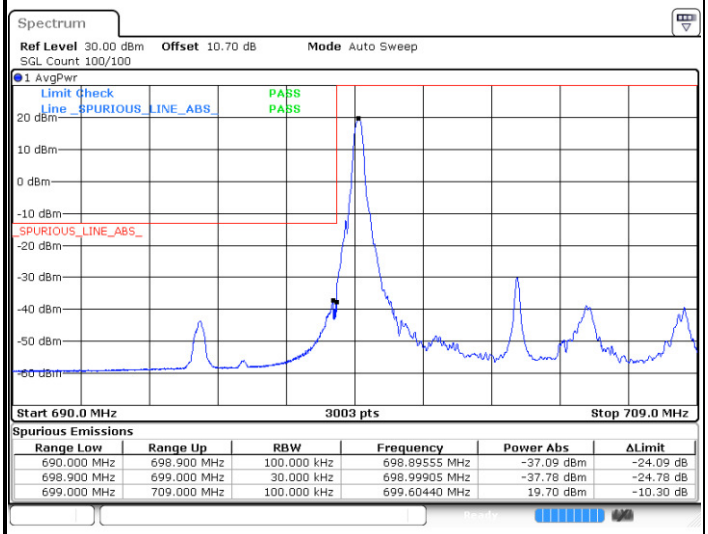
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	712.04146 MHz	4.40 dBm	-25.60 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00405 MHz	-35.06 dBm	-22.06 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.24 dBm	-20.24 dB

Date: 13.FEB.2018 19:01:46

LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB

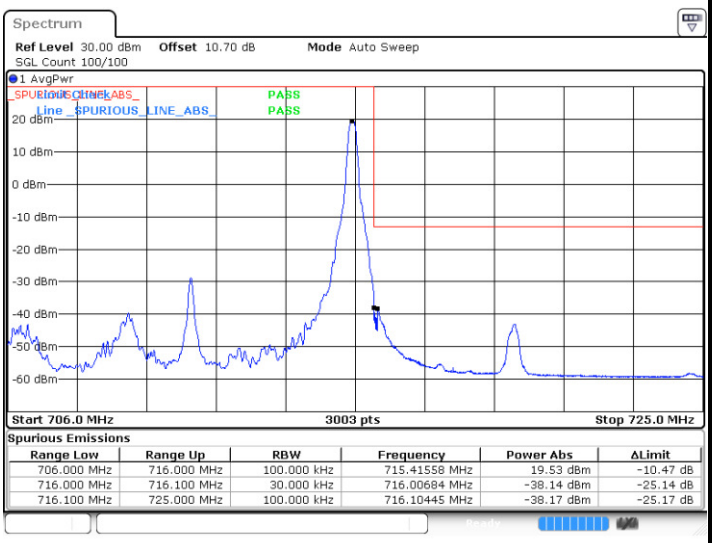


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-37.09 dBm	-24.09 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99905 MHz	-37.78 dBm	-24.78 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.60440 MHz	19.70 dBm	-10.30 dB

Date: 13.FEB.2018 17:47:22

Highest Band Edge / 1 RB

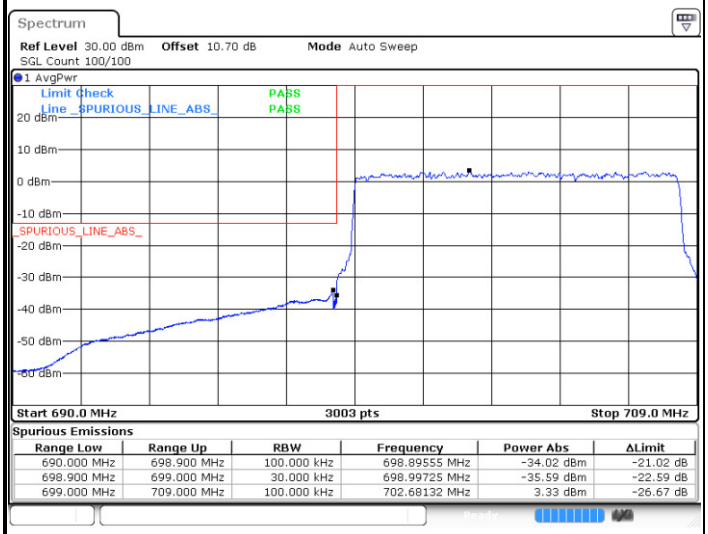


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.41558 MHz	19.53 dBm	-10.47 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00684 MHz	-38.14 dBm	-25.14 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-38.17 dBm	-25.17 dB

Date: 13.FEB.2018 17:56:44

Lowest Band Edge / Full RB

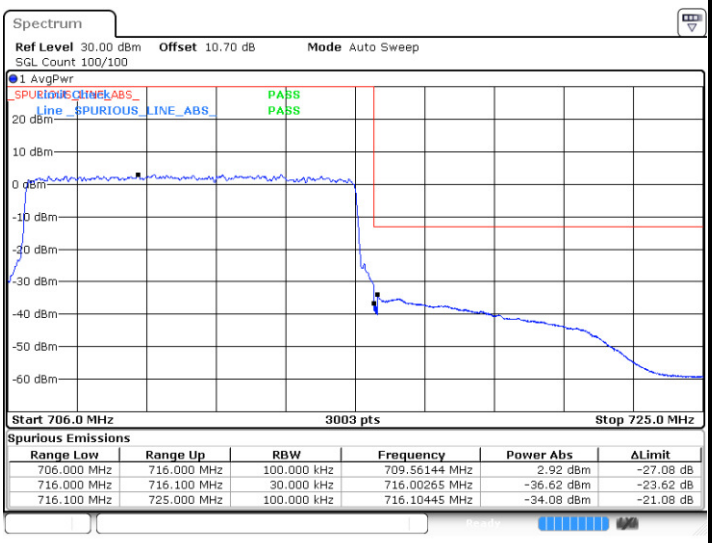


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-34.02 dBm	-21.02 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99725 MHz	-35.59 dBm	-22.59 dB
699.000 MHz	709.000 MHz	100.000 kHz	702.68132 MHz	3.33 dBm	-26.67 dB

Date: 13.FEB.2018 17:44:00

Highest Band Edge / Full RB



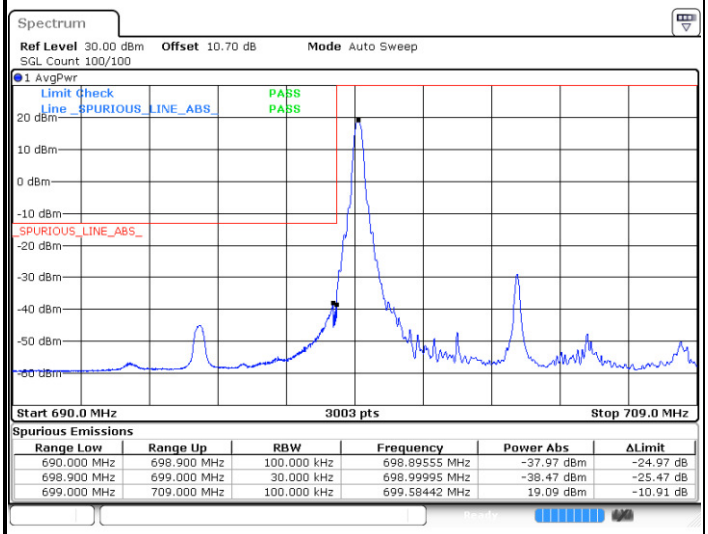
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	709.56144 MHz	2.92 dBm	-27.08 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00265 MHz	-36.62 dBm	-23.62 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.08 dBm	-21.08 dB

Date: 13.FEB.2018 17:53:23

LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

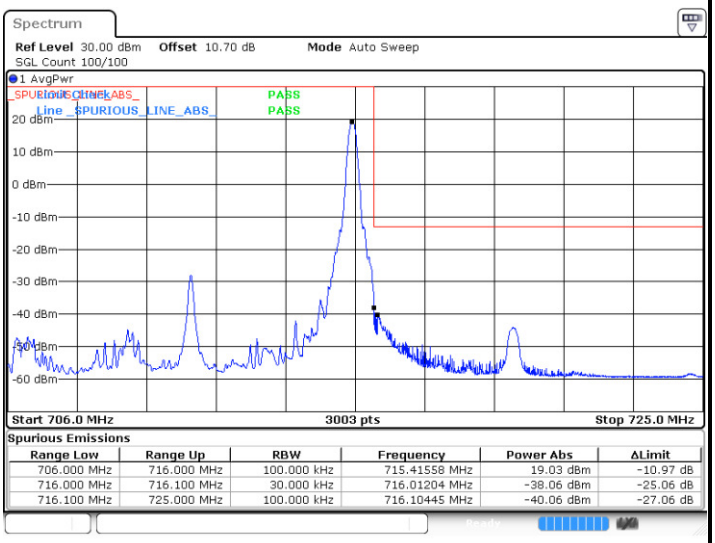


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-37.97 dBm	-24.97 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-38.47 dBm	-25.47 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.58442 MHz	19.09 dBm	-10.91 dB

Date: 13.FEB.2018 17:46:14

Highest Band Edge / 1 RB

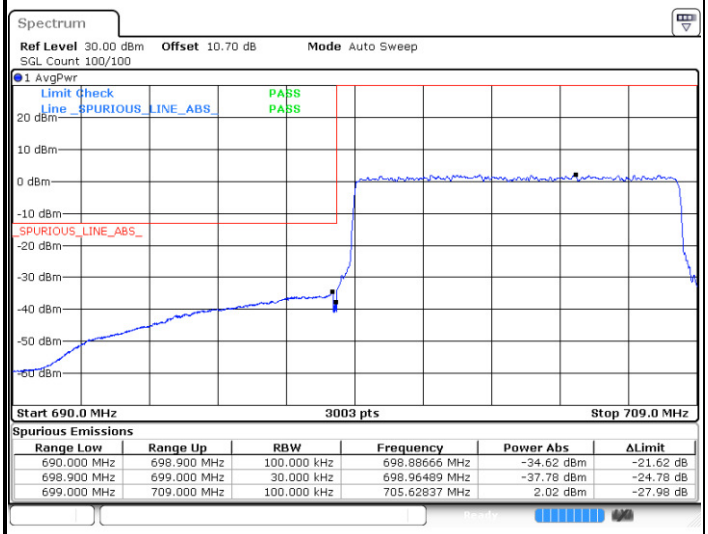


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.41558 MHz	19.03 dBm	-10.97 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01204 MHz	-38.06 dBm	-25.06 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-40.06 dBm	-27.06 dB

Date: 13.FEB.2018 17:55:37

Lowest Band Edge / Full RB

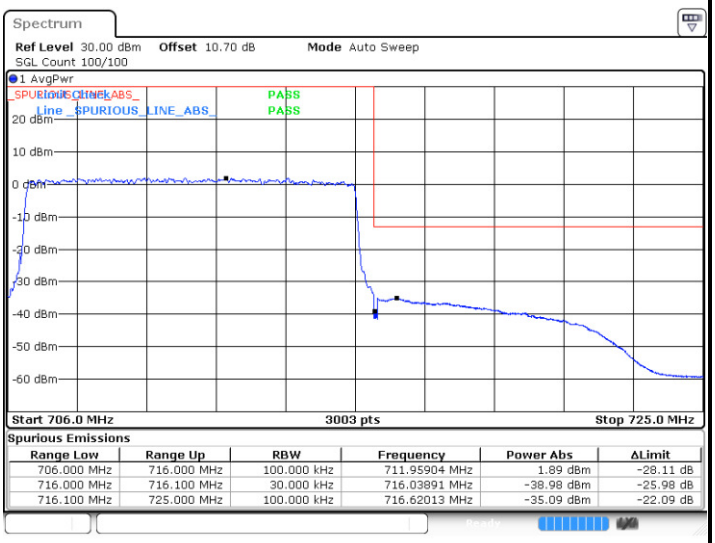


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-34.62 dBm	-21.62 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.96489 MHz	-37.78 dBm	-24.78 dB
699.000 MHz	709.000 MHz	100.000 kHz	705.62837 MHz	2.02 dBm	-27.98 dB

Date: 13.FEB.2018 17:45:07

Highest Band Edge / Full RB



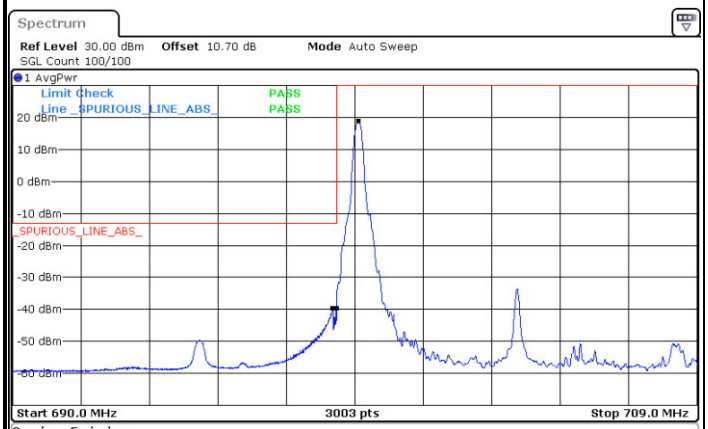
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	711.95904 MHz	1.89 dBm	-28.11 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.03891 MHz	-38.98 dBm	-25.98 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.62013 MHz	-35.09 dBm	-22.09 dB

Date: 13.FEB.2018 17:54:30

LTE Band 12 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

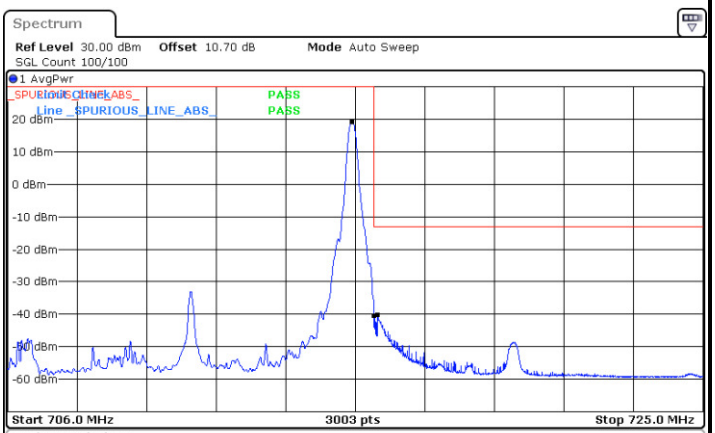


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.87777 MHz	-39.78 dBm	-26.78 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-39.66 dBm	-26.66 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.59441 MHz	18.90 dBm	-11.10 dB

Date: 14.FEB.2018 12:11:03

Highest Band Edge / 1 RB

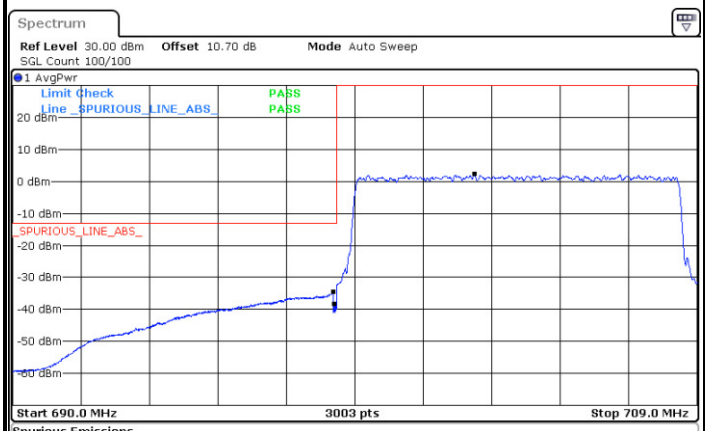


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.40559 MHz	19.06 dBm	-10.94 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00524 MHz	-40.48 dBm	-27.48 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-40.24 dBm	-27.24 dB

Date: 14.FEB.2018 12:15:44

Lowest Band Edge / Full RB

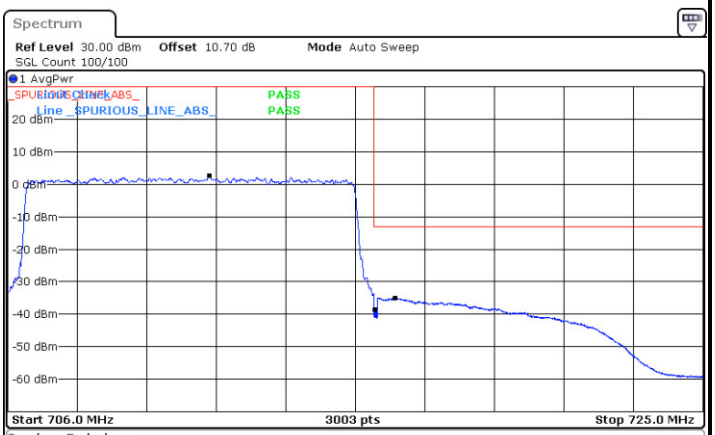


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-34.55 dBm	-21.55 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.91973 MHz	-38.21 dBm	-25.21 dB
699.000 MHz	709.000 MHz	100.000 kHz	702.82118 MHz	2.27 dBm	-27.73 dB

Date: 14.FEB.2018 12:09:55

Highest Band Edge / Full RB



Spurious Emissions

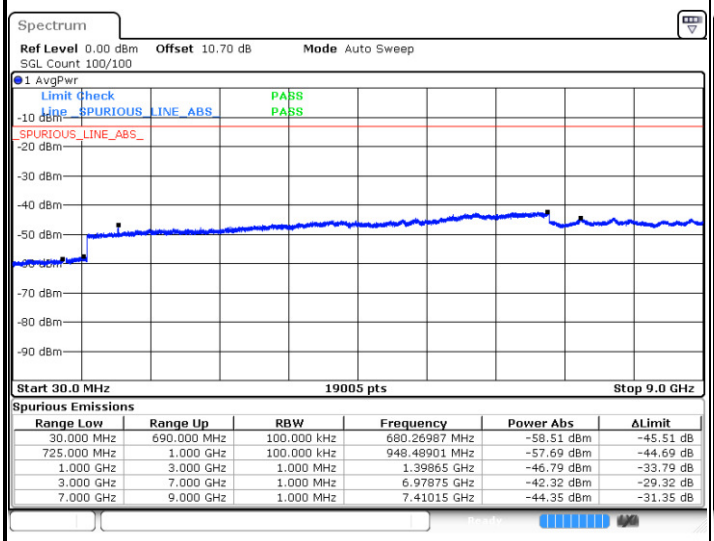
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	711.50949 MHz	2.53 dBm	-27.47 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.02802 MHz	-38.63 dBm	-25.63 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.57567 MHz	-34.99 dBm	-21.99 dB

Date: 14.FEB.2018 12:14:37

Conducted Spurious Emission

LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

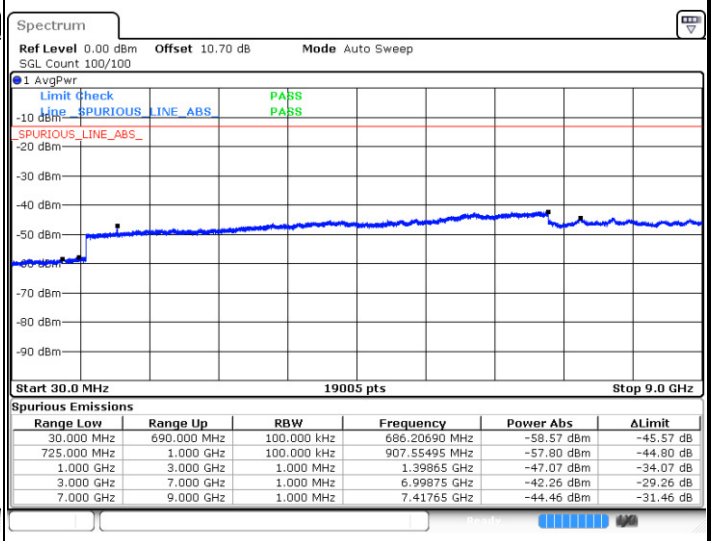


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	680.26987 MHz	-58.51 dBm	-45.51 dB
725.000 MHz	1.000 GHz	100.000 kHz	948.48901 MHz	-57.69 dBm	-44.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-46.79 dBm	-33.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97875 GHz	-42.32 dBm	-29.32 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.41015 GHz	-44.35 dBm	-31.35 dB

Date: 14.FEB.2018 12:35:44

Lowest Channel / 16QAM

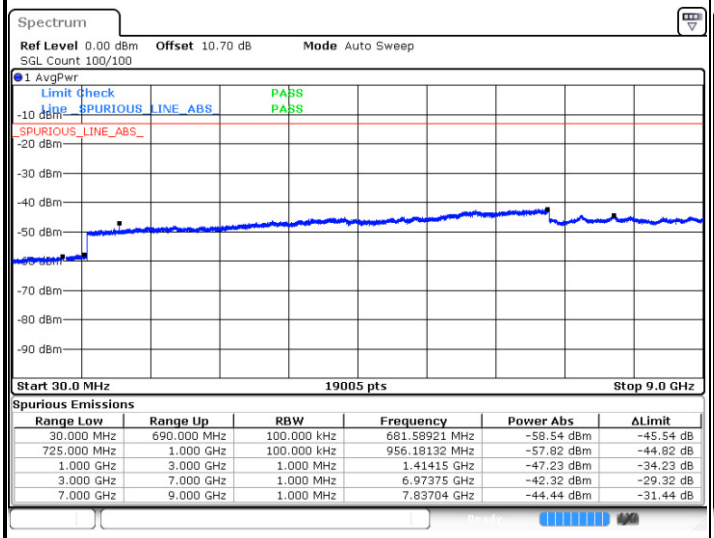


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	686.20690 MHz	-58.57 dBm	-45.57 dB
725.000 MHz	1.000 GHz	100.000 kHz	907.55495 MHz	-57.80 dBm	-44.80 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-47.07 dBm	-34.07 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-42.26 dBm	-29.26 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.41765 GHz	-44.46 dBm	-31.46 dB

Date: 14.FEB.2018 12:36:37

Middle Channel / QPSK

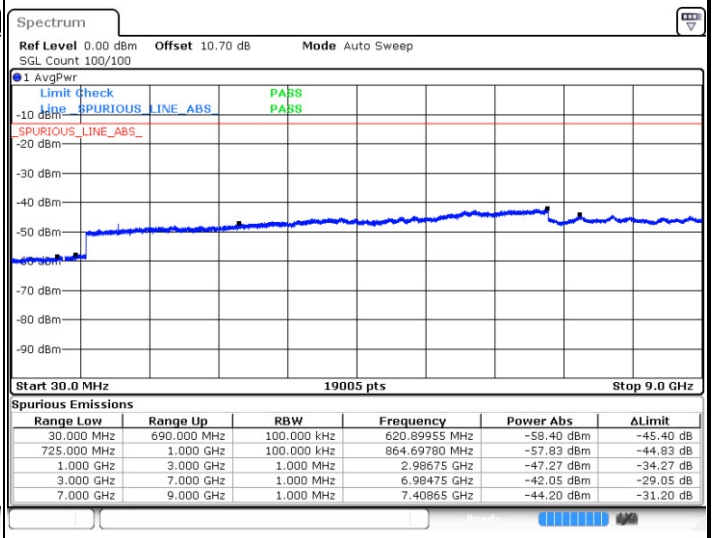


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	681.58921 MHz	-58.54 dBm	-45.54 dB
725.000 MHz	1.000 GHz	100.000 kHz	956.18132 MHz	-57.82 dBm	-44.82 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41415 GHz	-47.23 dBm	-34.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97375 GHz	-42.32 dBm	-29.32 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.83704 GHz	-44.44 dBm	-31.44 dB

Date: 14.FEB.2018 12:39:04

Middle Channel / 16QAM



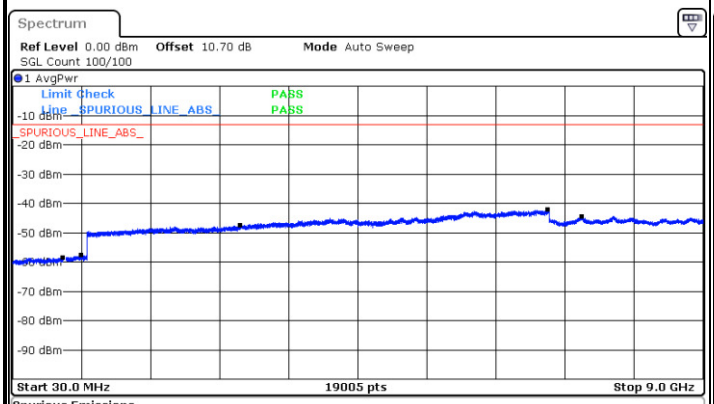
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	620.89955 MHz	-58.40 dBm	-45.40 dB
725.000 MHz	1.000 GHz	100.000 kHz	864.69780 MHz	-57.83 dBm	-44.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98675 GHz	-47.27 dBm	-34.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98475 GHz	-42.05 dBm	-29.05 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.40865 GHz	-44.20 dBm	-31.20 dB

Date: 14.FEB.2018 12:38:10

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	681.58921 MHz	-58.50 dBm	-45.50 dB
725.000 MHz	1.000 GHz	100.000 kHz	918.81868 MHz	-57.73 dBm	-44.73 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98375 GHz	-47.55 dBm	-34.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98225 GHz	-42.13 dBm	-29.13 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.41665 GHz	-44.49 dBm	-31.49 dB

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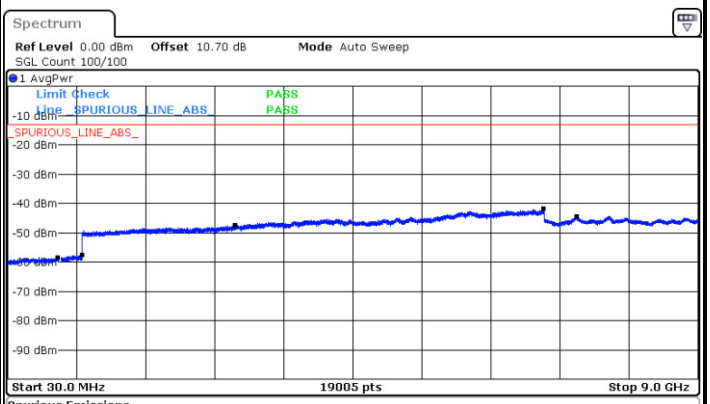
Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	682.90855 MHz	-58.45 dBm	-45.45 dB
725.000 MHz	1.000 GHz	100.000 kHz	995.74176 MHz	-57.74 dBm	-44.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98075 GHz	-47.45 dBm	-34.45 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-41.85 dBm	-28.85 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.41615 GHz	-44.49 dBm	-31.49 dB

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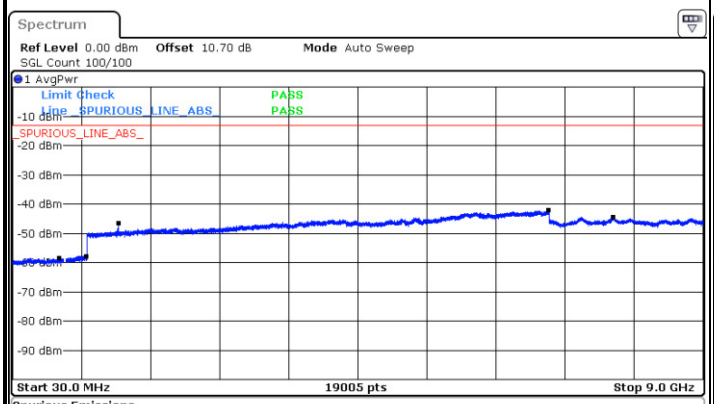
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	630.13493 MHz	-58.57 dBm	-45.57 dB
725.000 MHz	1.000 GHz	100.000 kHz	982.28022 MHz	-57.79 dBm	-44.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-46.70 dBm	-33.70 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-42.10 dBm	-29.10 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.83004 GHz	-44.38 dBm	-31.38 dB

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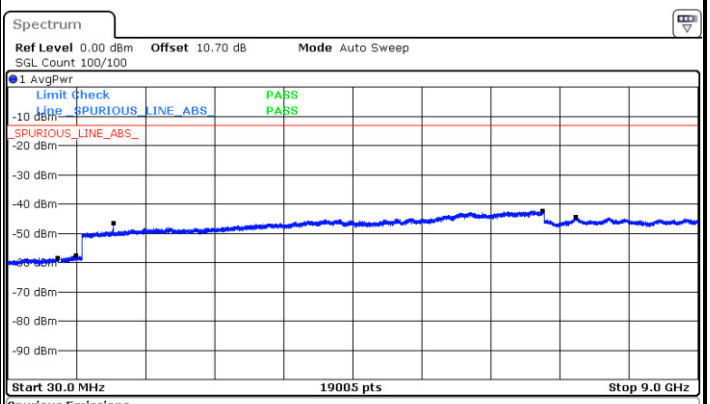
Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	681.25937 MHz	-58.52 dBm	-45.52 dB
725.000 MHz	1.000 GHz	100.000 kHz	914.69780 MHz	-57.64 dBm	-44.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-46.46 dBm	-33.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98025 GHz	-42.43 dBm	-29.43 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.41215 GHz	-44.49 dBm	-31.49 dB

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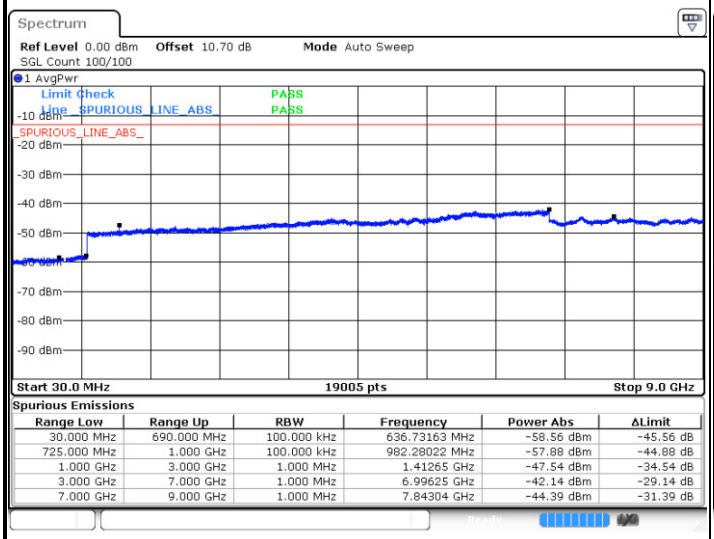
LTE Band 12 / 3MHz

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	636.73163 MHz	-58.56 dBm	-45.56 dB
725.000 MHz	1.000 GHz	100.000 kHz	982.28022 MHz	-57.88 dBm	-44.88 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-47.54 dBm	-34.54 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-42.14 dBm	-29.14 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.84304 GHz	-44.39 dBm	-31.39 dB

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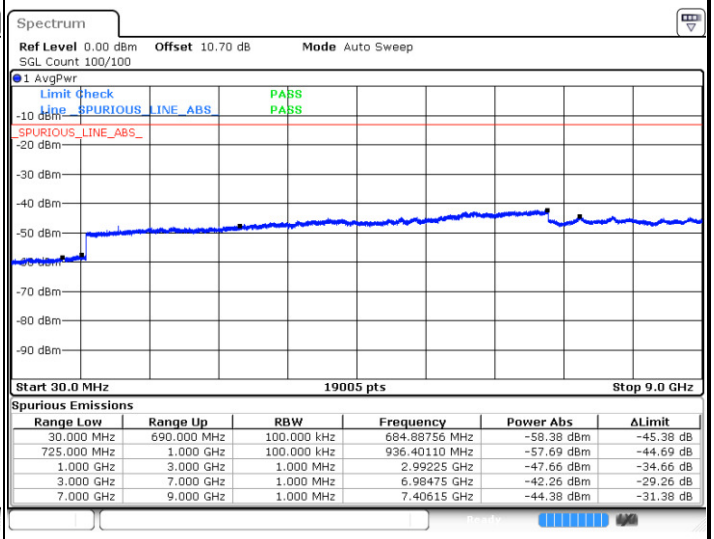
Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	684.88756 MHz	-58.38 dBm	-45.38 dB
725.000 MHz	1.000 GHz	100.000 kHz	936.40110 MHz	-57.69 dBm	-44.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99225 GHz	-47.66 dBm	-34.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98475 GHz	-42.26 dBm	-29.26 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.40615 GHz	-44.38 dBm	-31.38 dB

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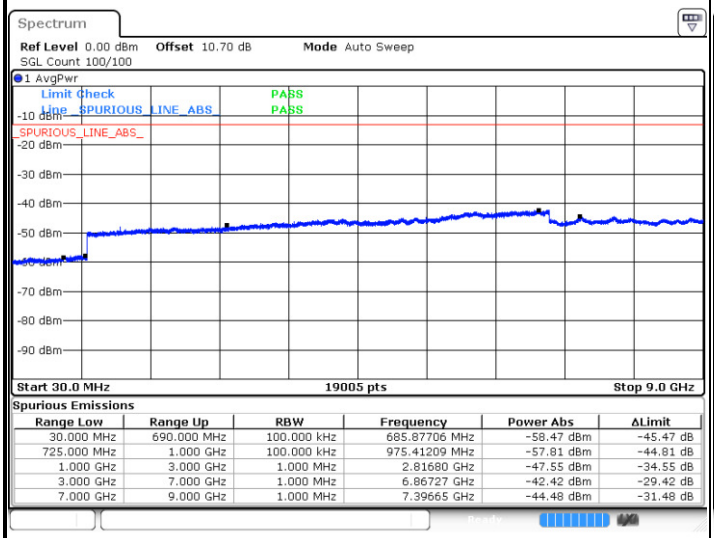
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.87706 MHz	-58.47 dBm	-45.47 dB
725.000 MHz	1.000 GHz	100.000 kHz	975.41209 MHz	-57.81 dBm	-44.81 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.81680 GHz	-47.55 dBm	-34.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86727 GHz	-42.42 dBm	-29.42 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.39665 GHz	-44.48 dBm	-31.48 dB

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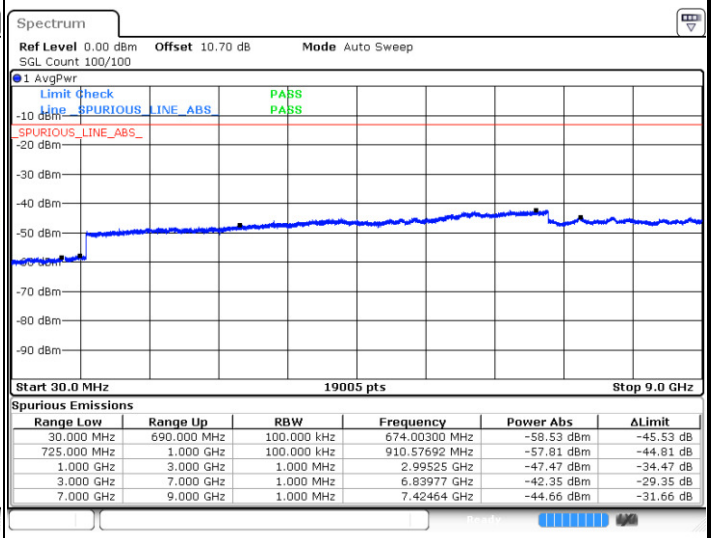
Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	674.00300 MHz	-58.53 dBm	-45.53 dB
725.000 MHz	1.000 GHz	100.000 kHz	910.57692 MHz	-57.81 dBm	-44.81 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99525 GHz	-47.47 dBm	-34.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83977 GHz	-42.35 dBm	-29.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.42464 GHz	-44.66 dBm	-31.66 dB

Date: 13.FEB.2018 17:25:54