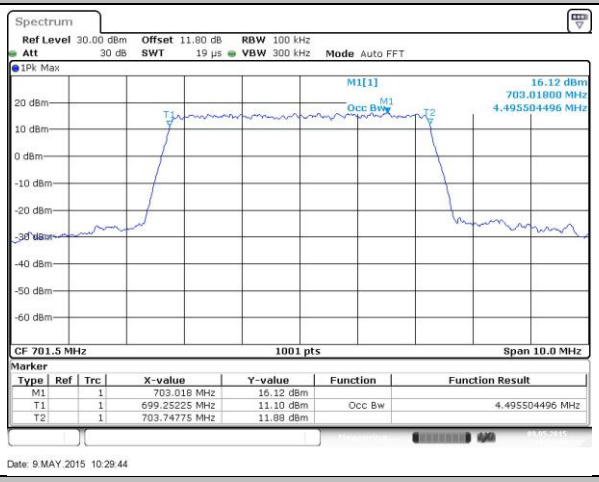
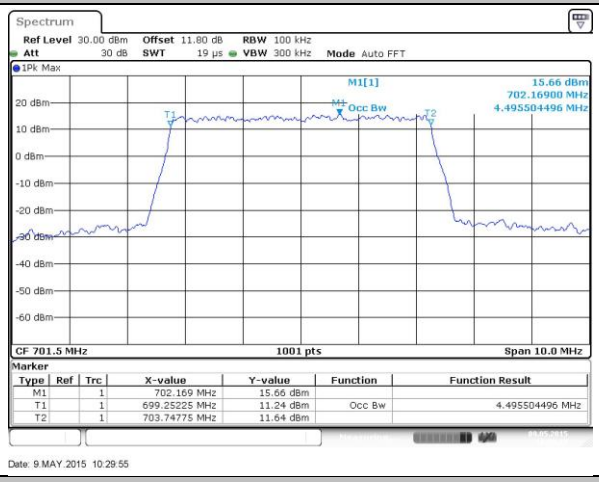
LTE Band 12

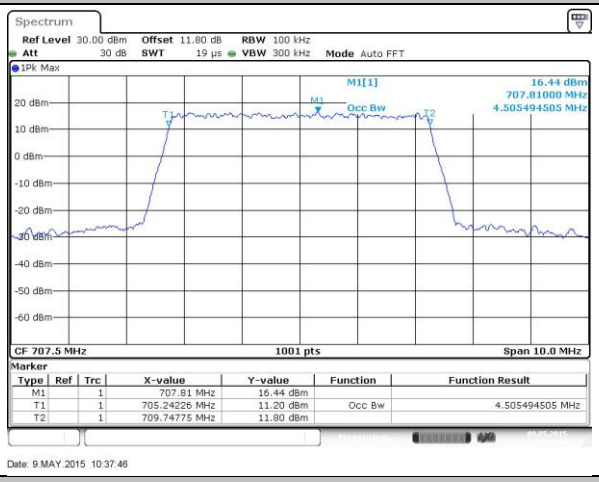
Lowest Channel / 5MHz / QPSK



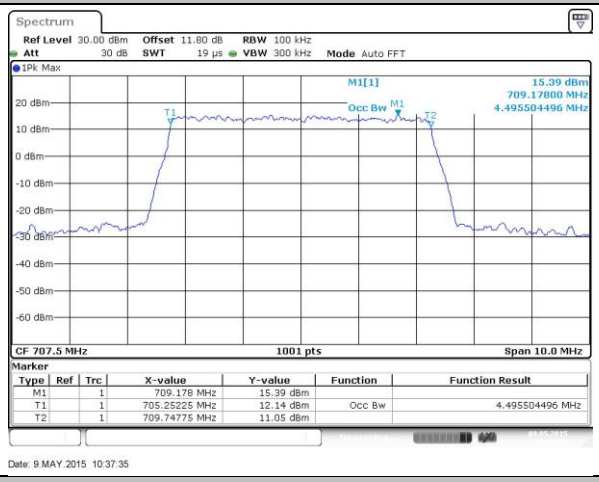
Lowest Channel / 5MHz / 16QAM



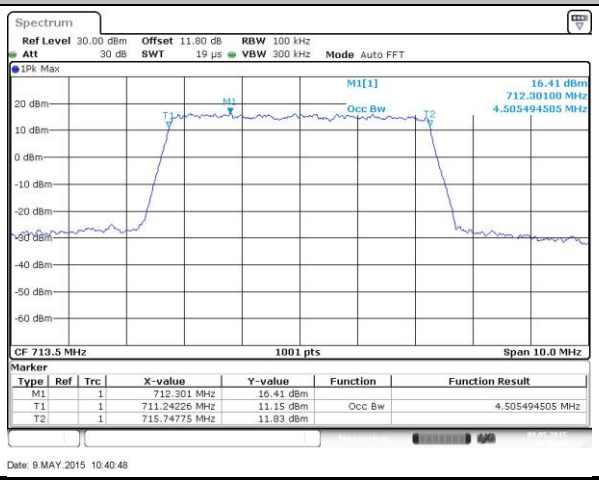
Middle Channel / 5MHz / QPSK



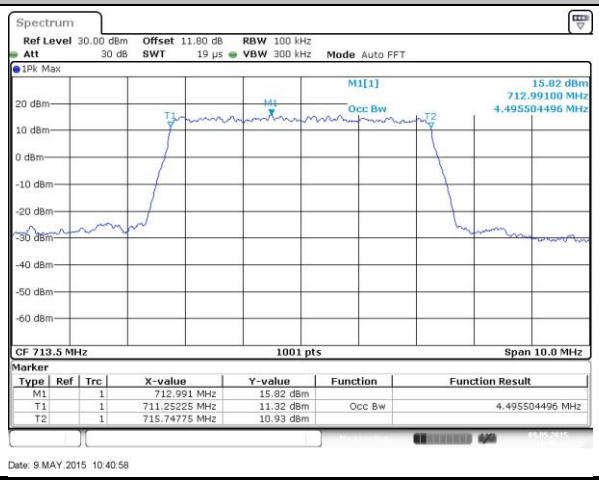
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

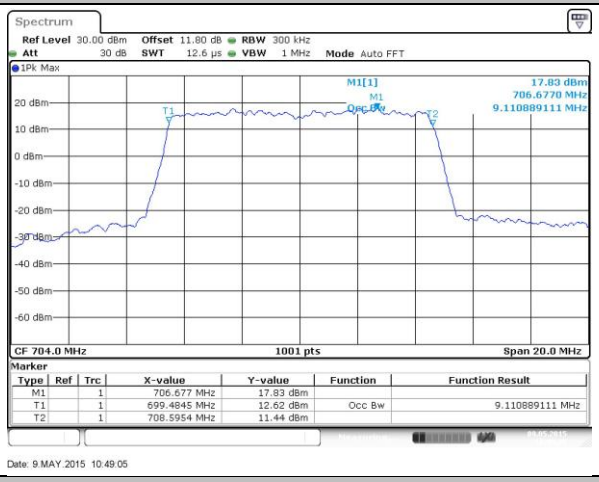


Highest Channel / 5MHz / 16QAM

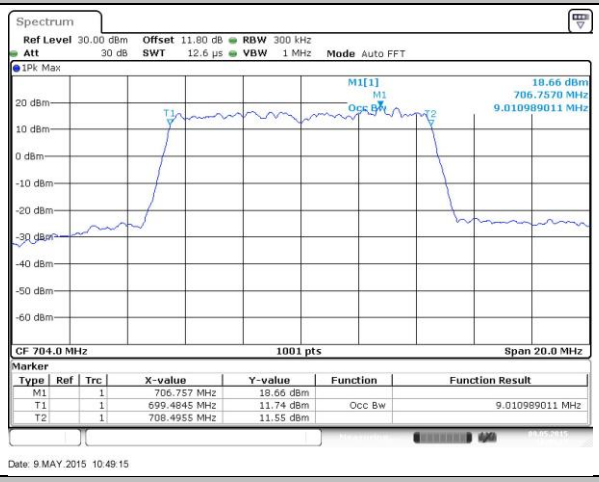


LTE Band 12

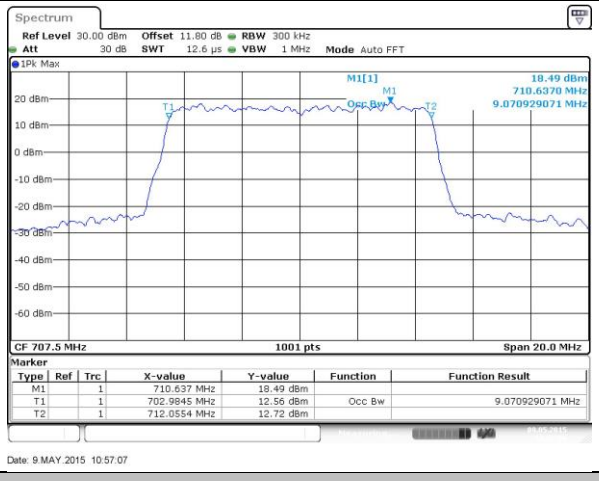
Lowest Channel / 10MHz / QPSK



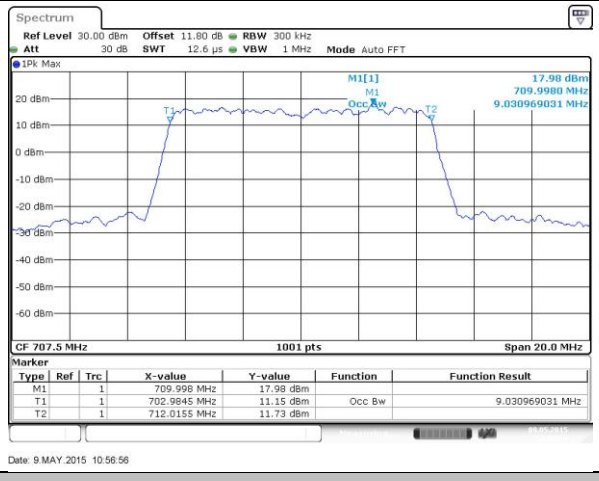
Lowest Channel / 10MHz / 16QAM



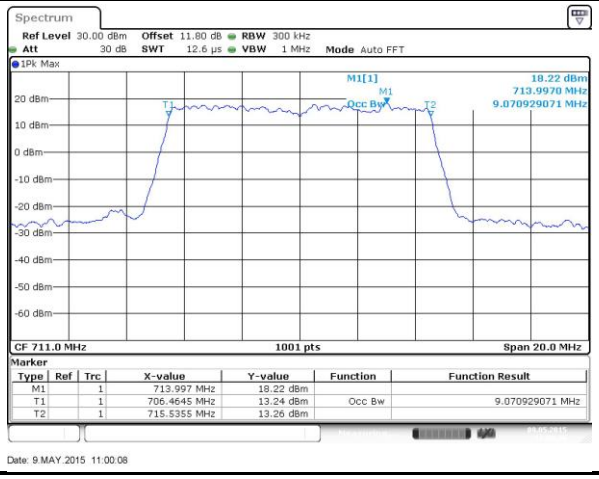
Middle Channel / 10MHz / QPSK



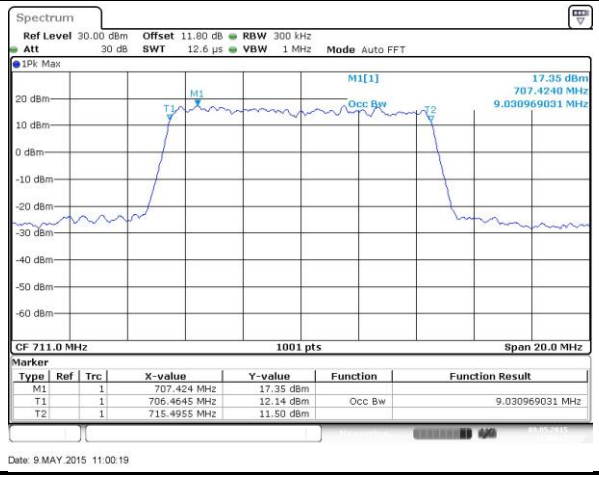
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



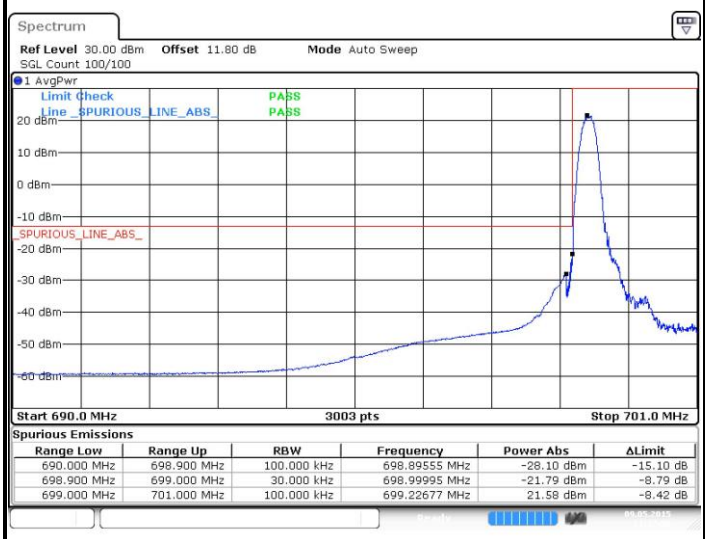
Highest Channel / 10MHz / 16QAM



Conducted Band Edge

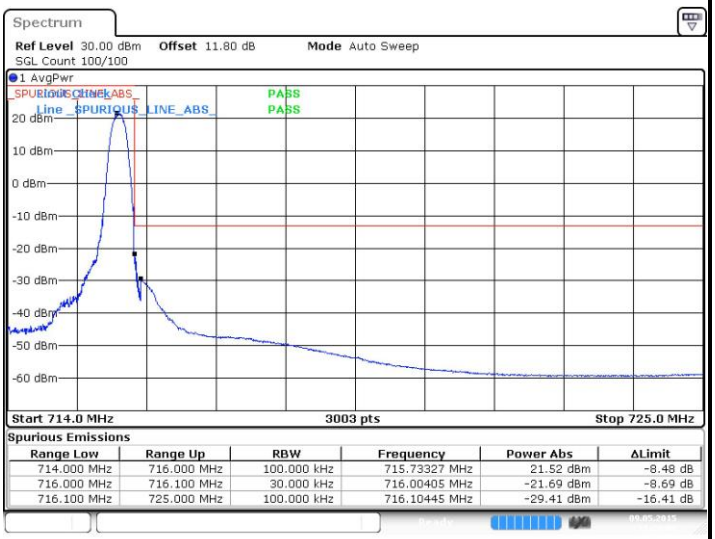
LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1 RB



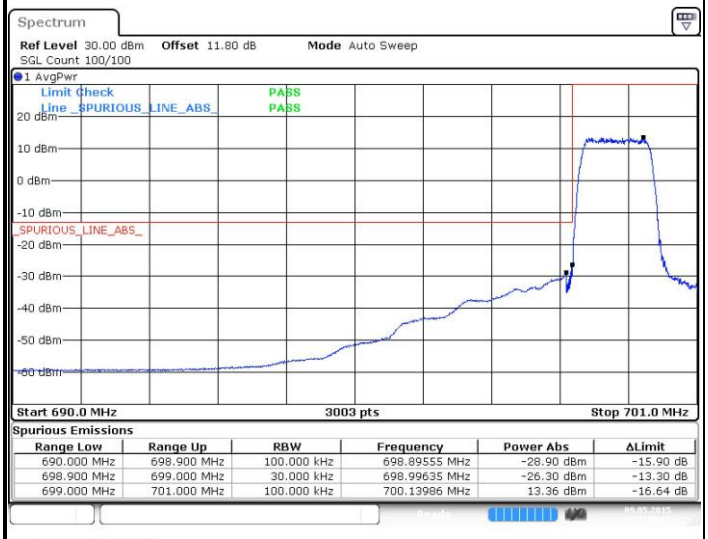
Date: 9.MAY.2015 11:17:58

Highest Band Edge / 1RB



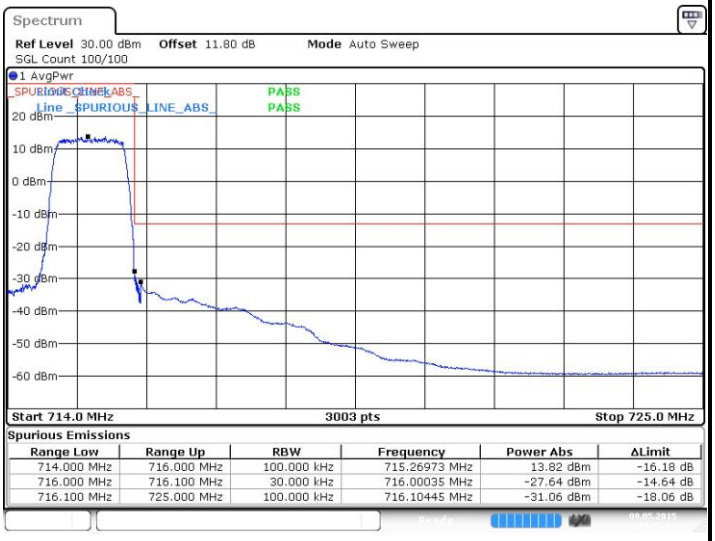
Date: 9.MAY.2015 11:29:02

Lowest Band Edge / Full RB



Date: 9.MAY.2015 11:14:28

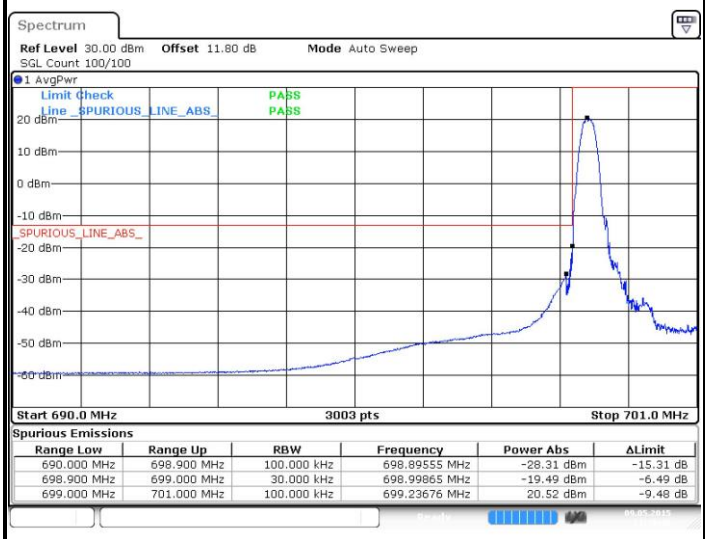
Highest Band Edge / Full RB



Date: 9.MAY.2015 11:25:32

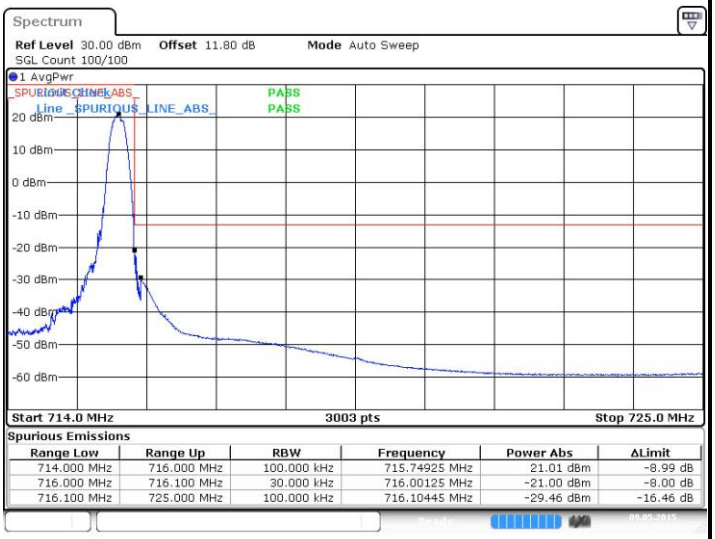
LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



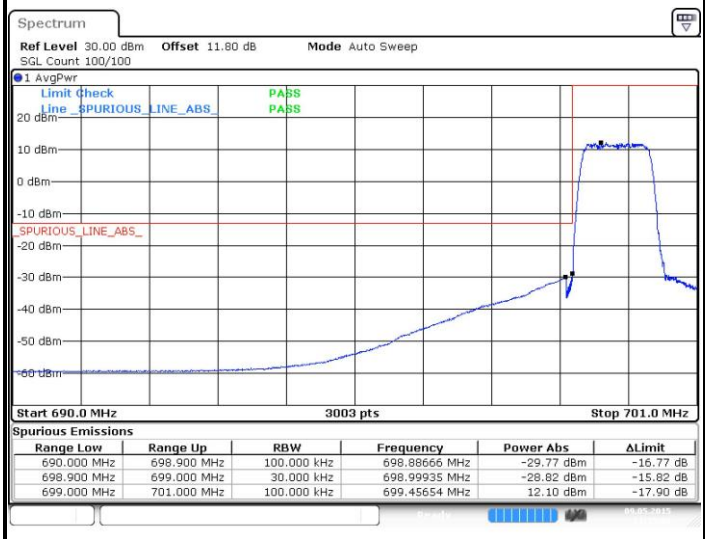
Date: 9.MAY.2015 11:16:48

Highest Band Edge / 1 RB



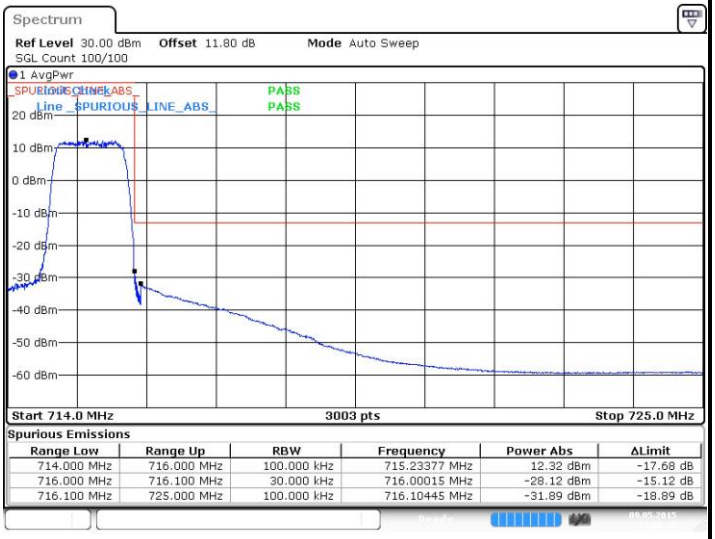
Date: 9.MAY.2015 11:27:52

Lowest Band Edge / Full RB

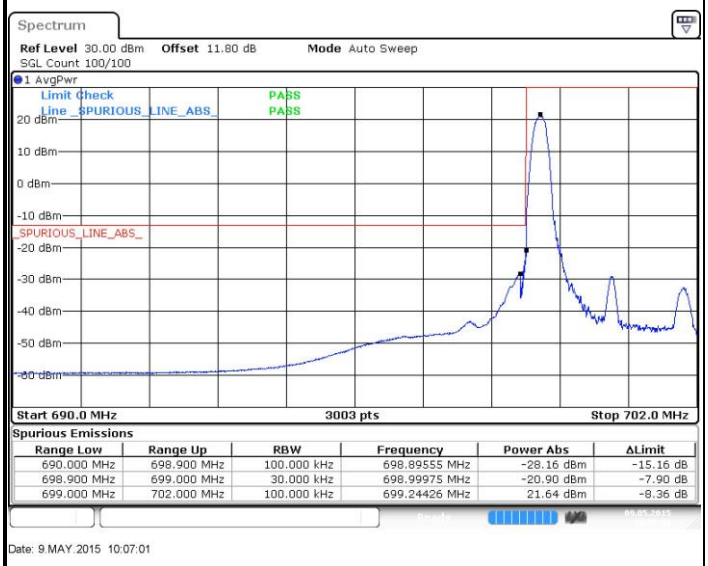
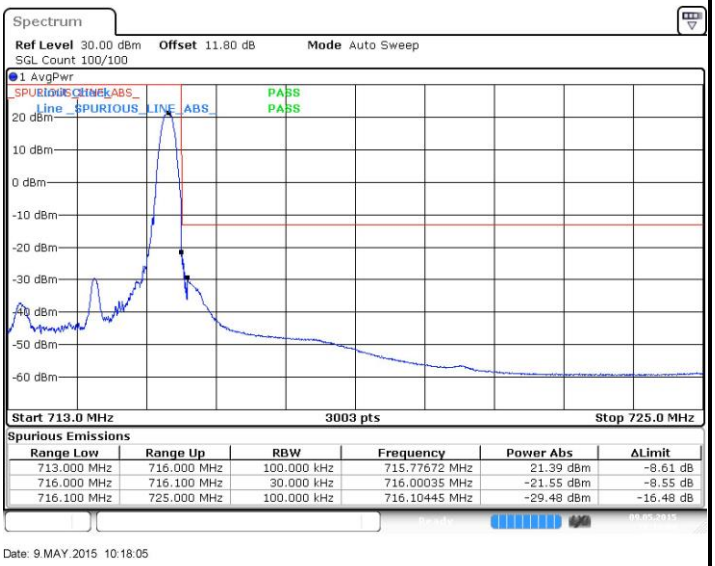
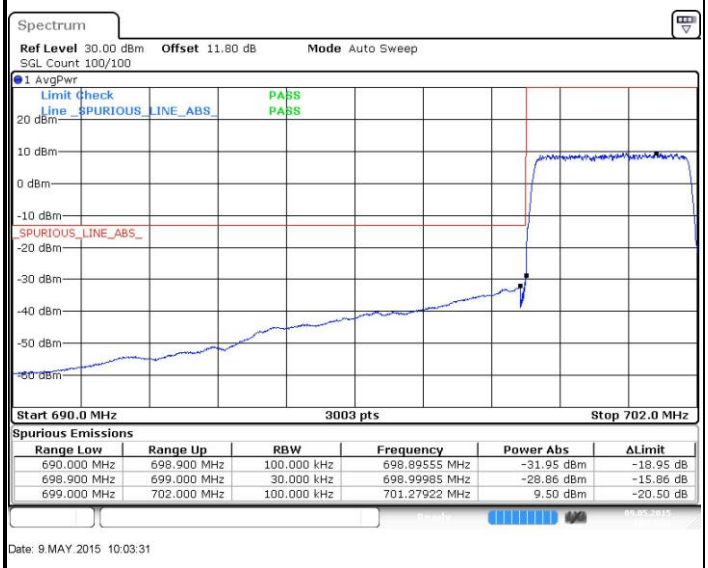
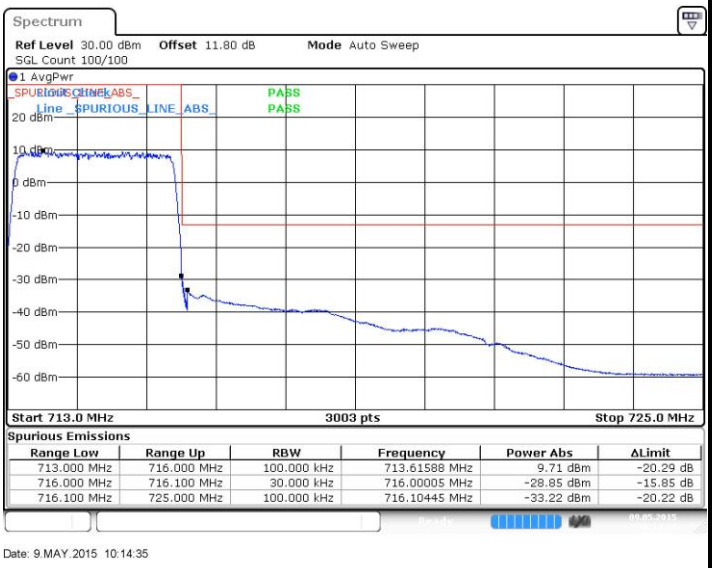


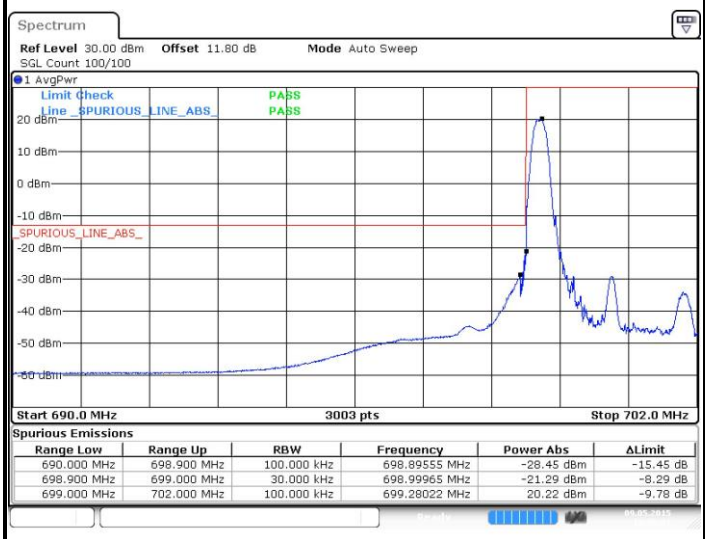
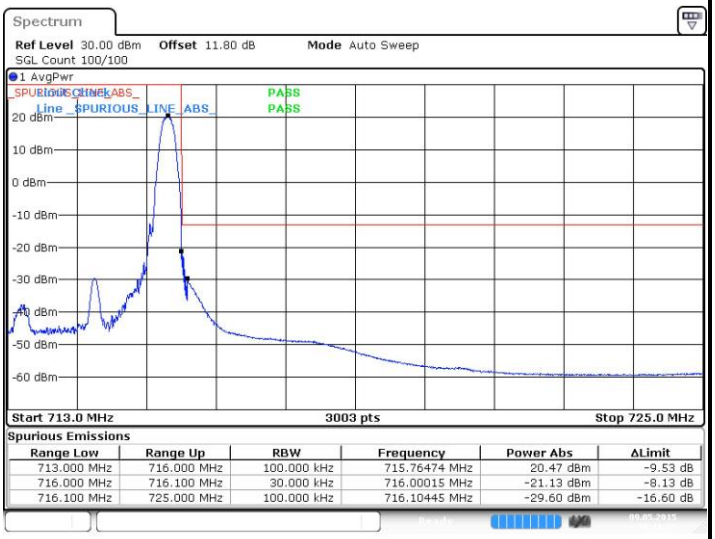
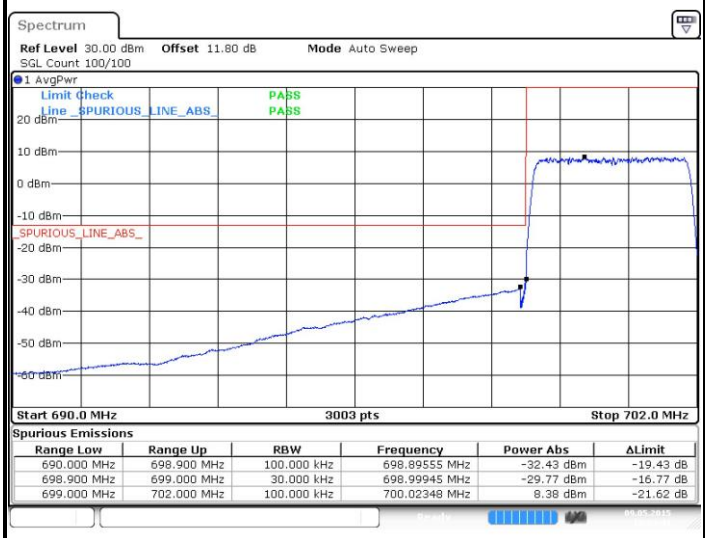
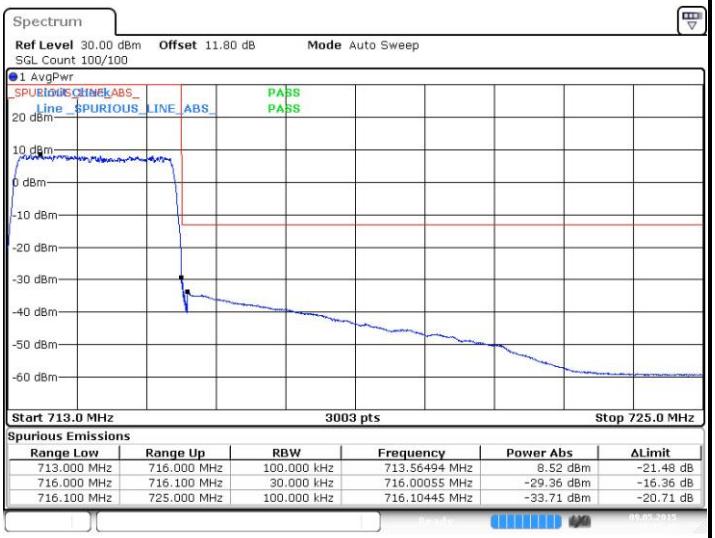
Date: 9.MAY.2015 11:15:38

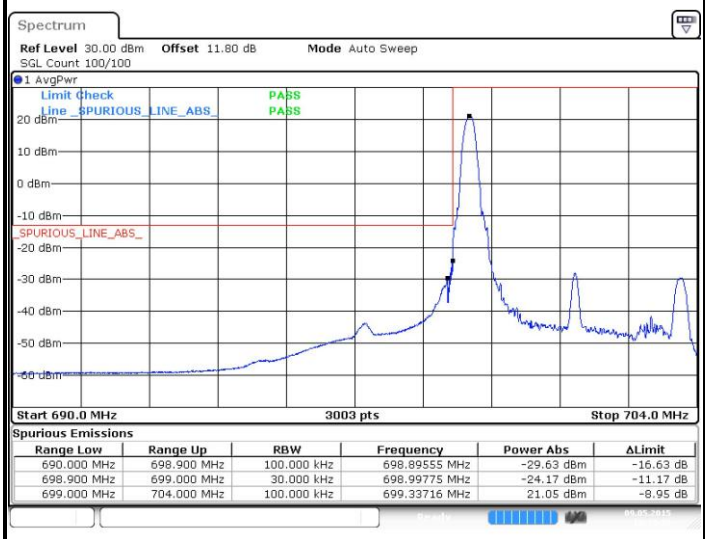
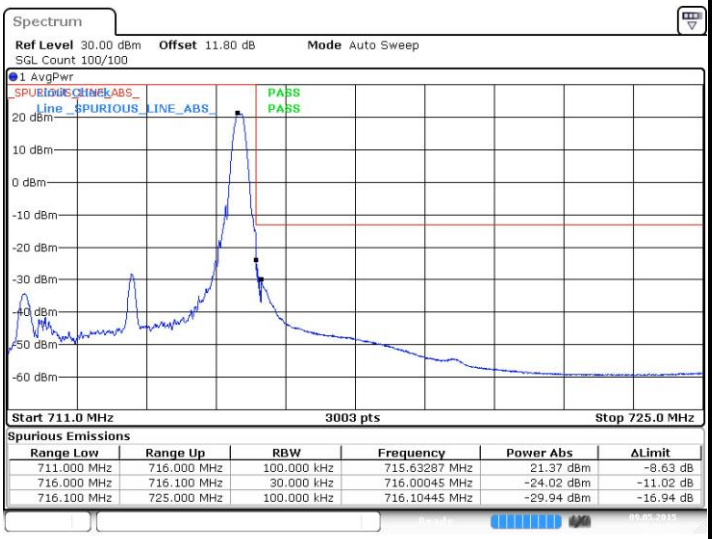
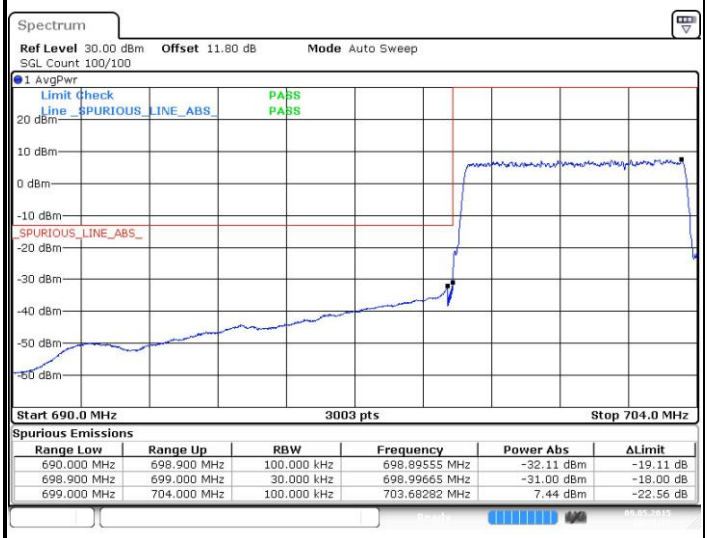
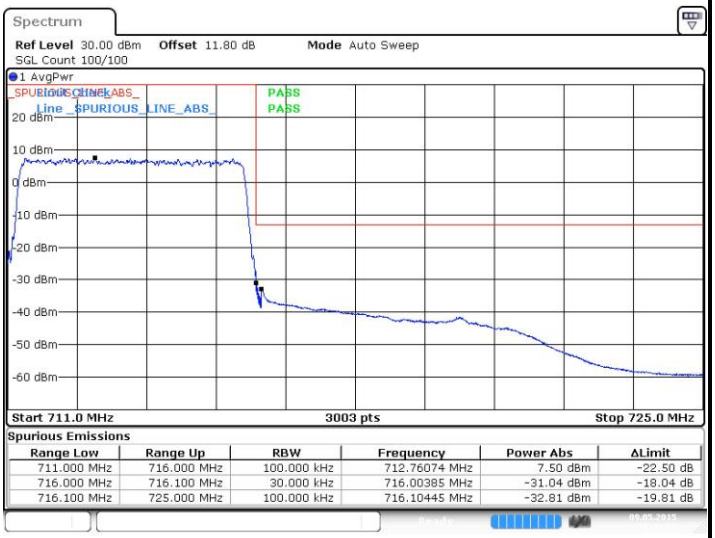
Highest Band Edge / Full RB

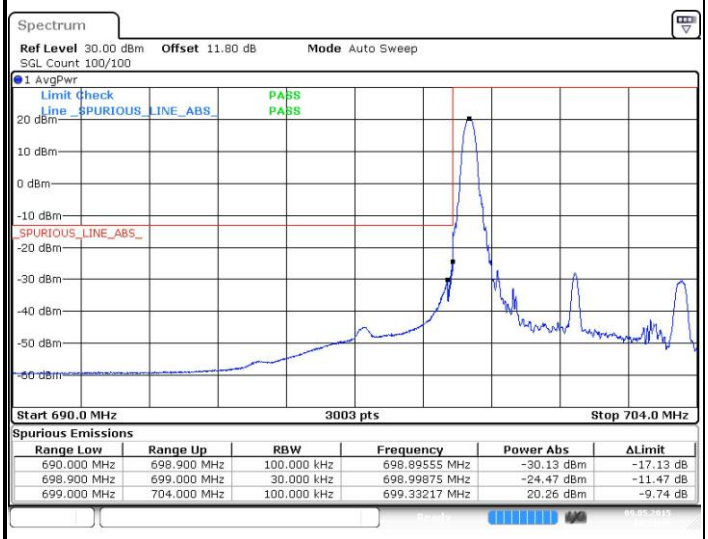
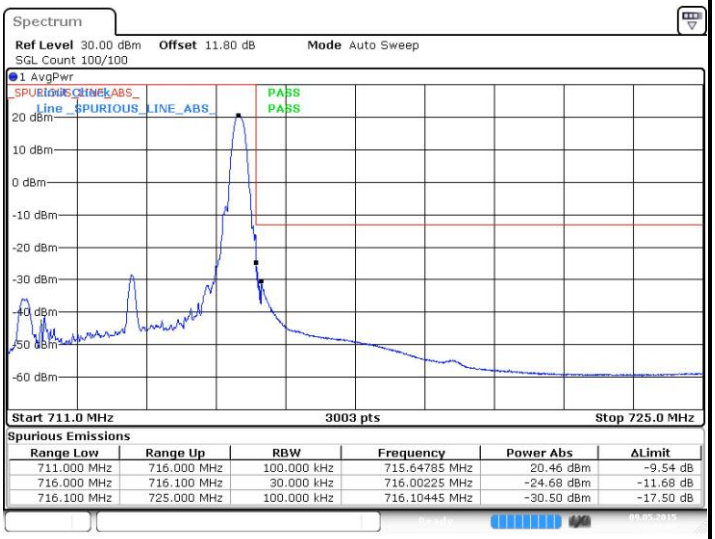
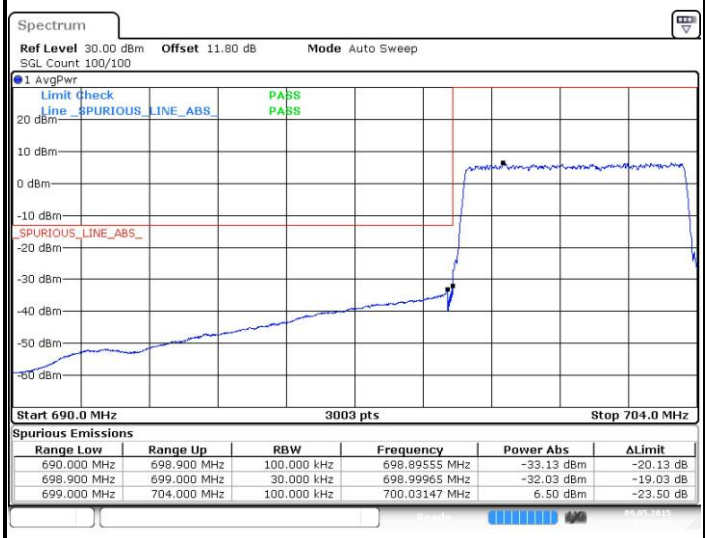
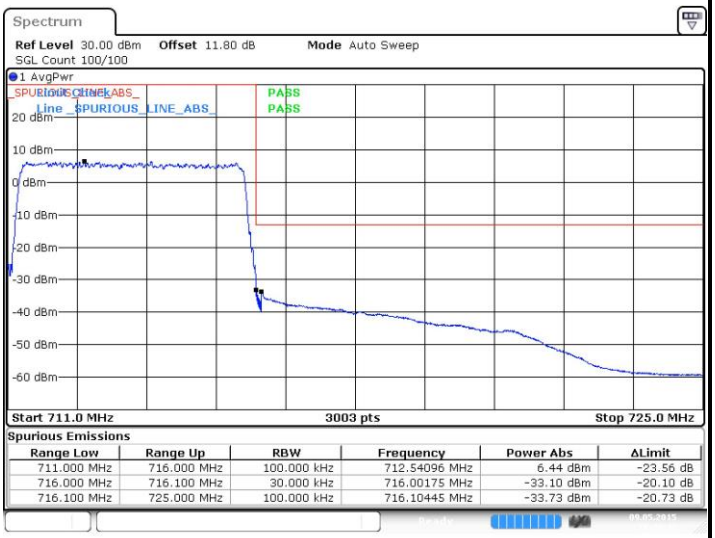


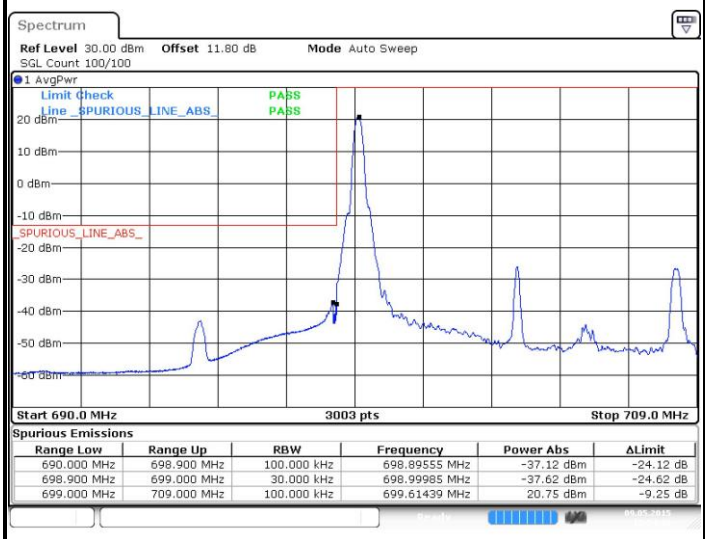
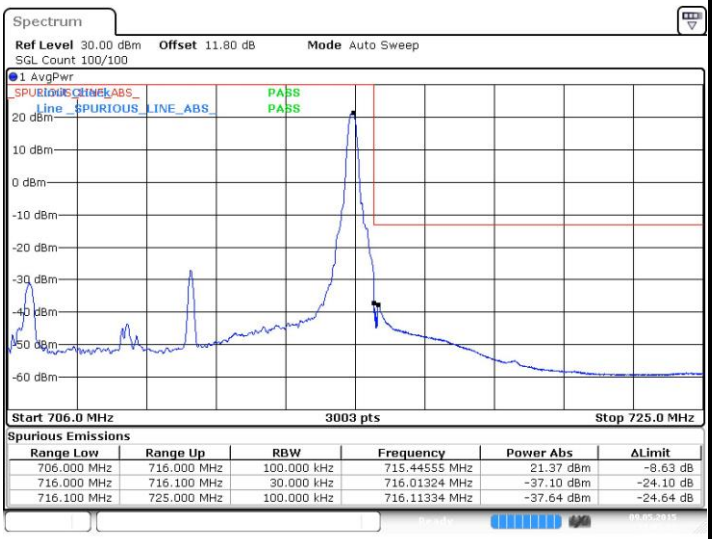
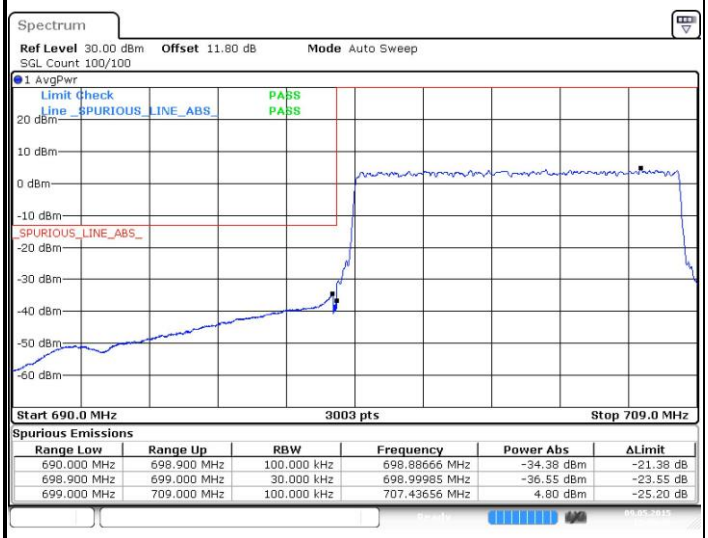
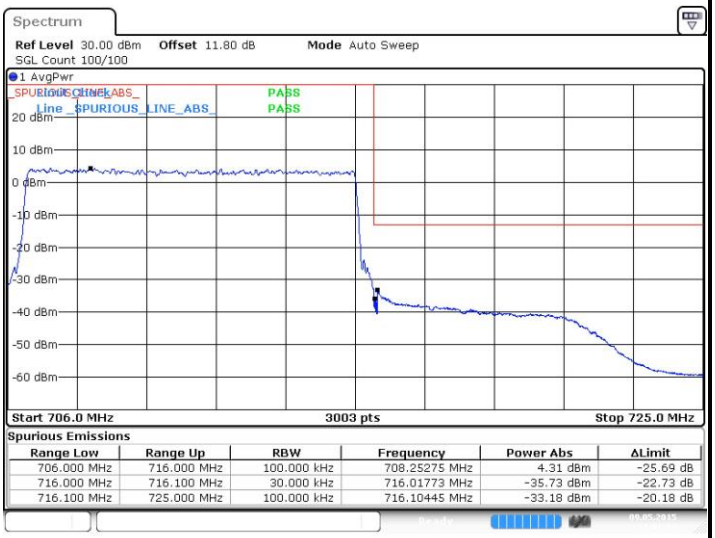
Date: 9.MAY.2015 11:26:42

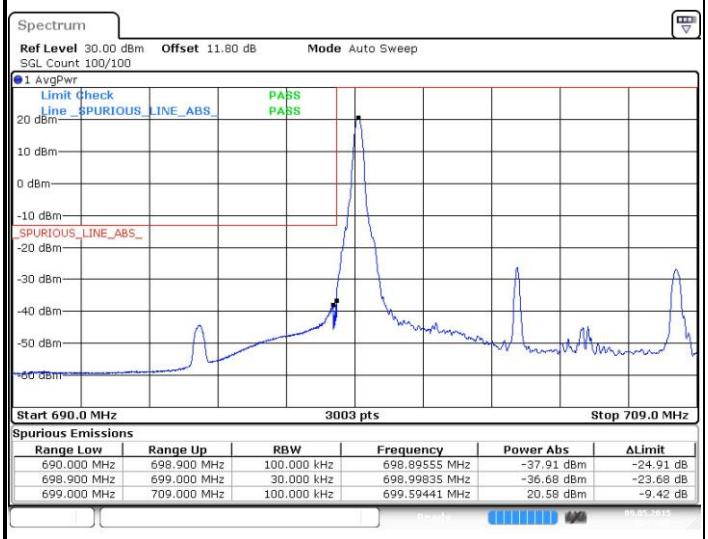
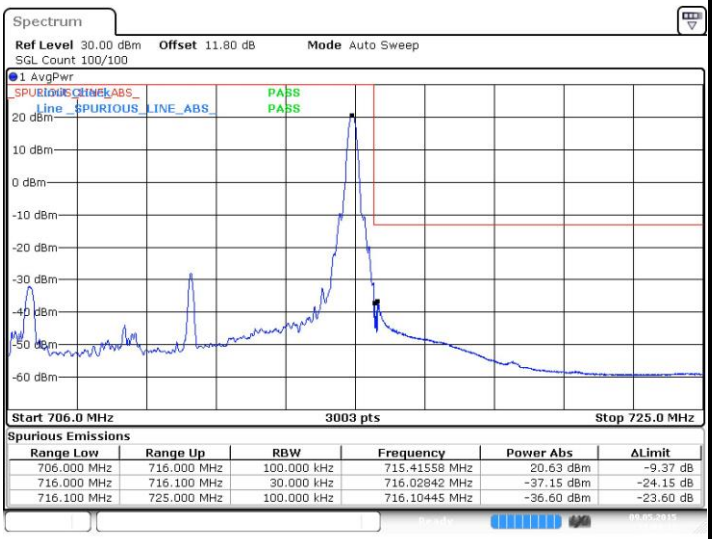
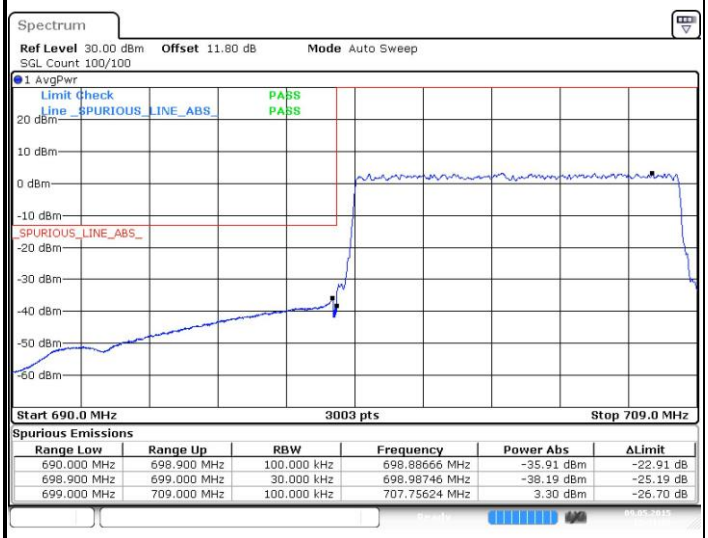
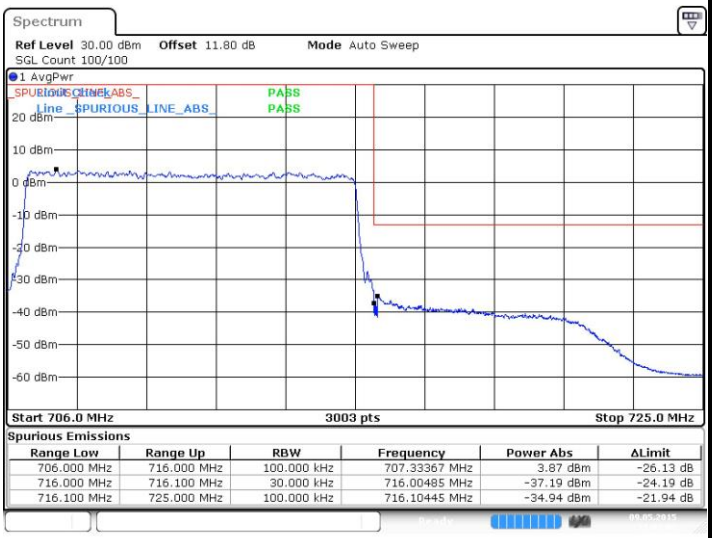
LTE Band 12 / 3MHz / QPSK	
Lowest Band Edge / 1RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 12 / 3MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 12 / 5MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 12 / 5MHz / 16QAM	
Lowest Band Edge / 1RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

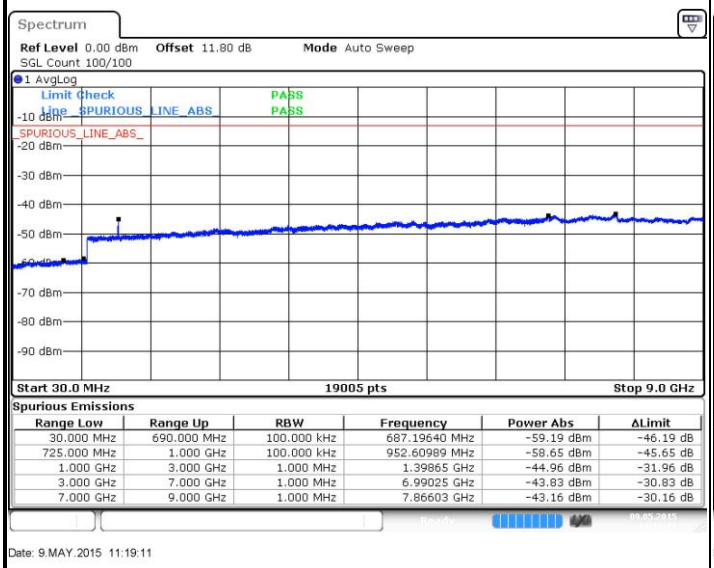
LTE Band 12 / 10MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 12 / 10MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

Conducted Spurious Emission

LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

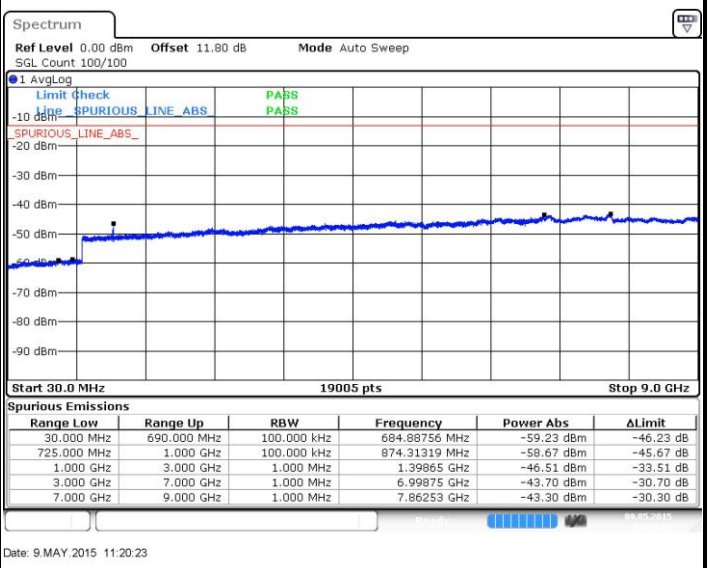


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	687.19640 MHz	-59.19 dBm	-46.19 dB
725.000 MHz	1.000 GHz	100.000 kHz	952.60989 MHz	-58.65 dBm	-45.65 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-44.96 dBm	-31.96 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-43.83 dBm	-30.83 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86603 GHz	-43.16 dBm	-30.16 dB

Date: 9.MAY.2015 11:19:11

Lowest Channel / 16QAM

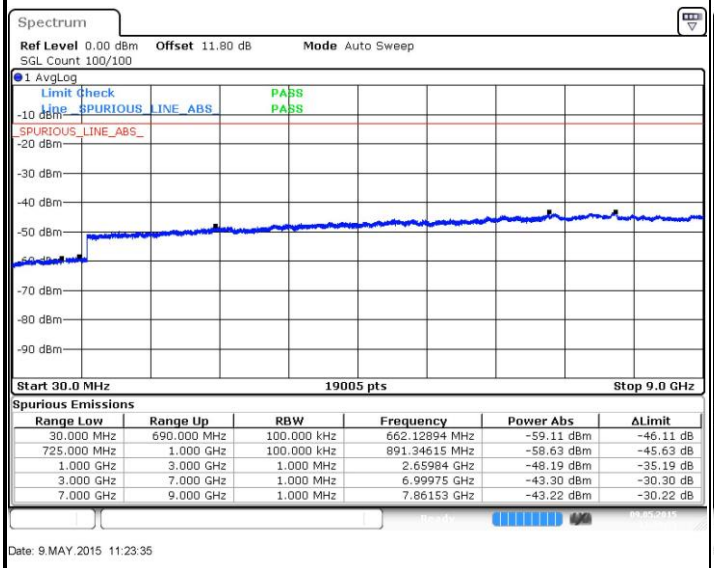


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	684.88756 MHz	-59.23 dBm	-46.23 dB
725.000 MHz	1.000 GHz	100.000 kHz	874.31319 MHz	-58.67 dBm	-45.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-46.51 dBm	-33.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-43.70 dBm	-30.70 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86253 GHz	-43.30 dBm	-30.30 dB

Date: 9.MAY.2015 11:20:23

Middle Channel / QPSK

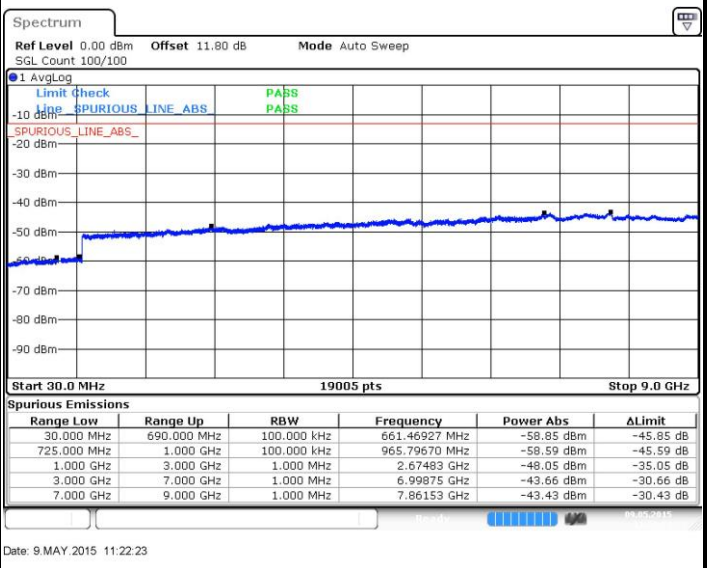


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	662.12894 MHz	-59.11 dBm	-46.11 dB
725.000 MHz	1.000 GHz	100.000 kHz	891.34615 MHz	-58.63 dBm	-45.63 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.65984 GHz	-48.19 dBm	-35.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-43.30 dBm	-30.30 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86153 GHz	-43.22 dBm	-30.22 dB

Date: 9.MAY.2015 11:23:35

Middle Channel / 16QAM



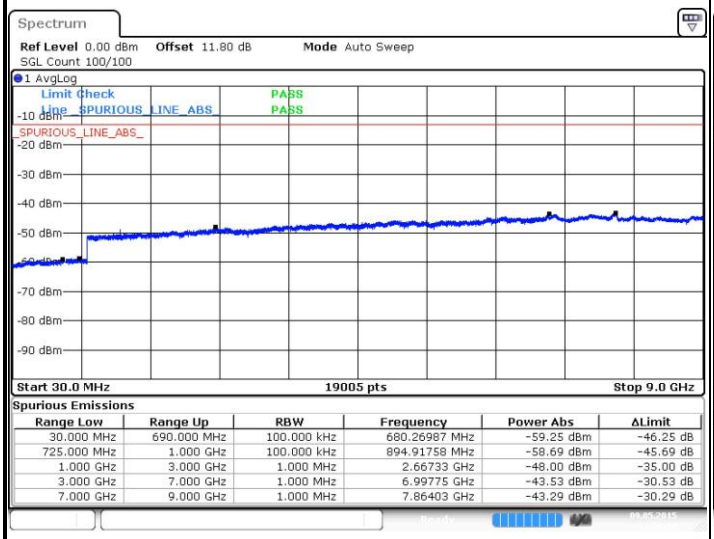
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	661.46927 MHz	-58.85 dBm	-45.85 dB
725.000 MHz	1.000 GHz	100.000 kHz	965.79670 MHz	-58.59 dBm	-45.59 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.67483 GHz	-48.05 dBm	-35.05 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-43.66 dBm	-30.66 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86153 GHz	-43.43 dBm	-30.43 dB

Date: 9.MAY.2015 11:22:23

LTE Band 12 / 1.4MHz

Highest Channel / QPSK

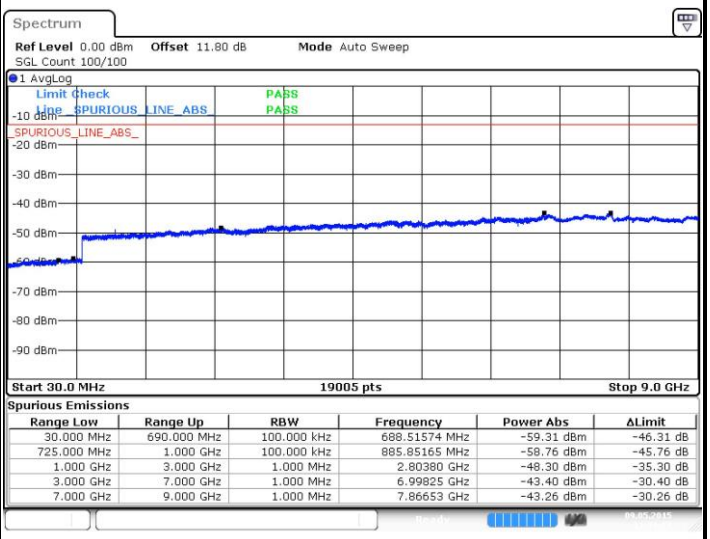


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	680.26987 MHz	-59.25 dBm	-46.25 dB
725.000 MHz	1.000 GHz	100.000 kHz	894.91758 MHz	-58.69 dBm	-45.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.66733 GHz	-48.00 dBm	-35.00 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-43.53 dBm	-30.53 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86403 GHz	-43.29 dBm	-30.29 dB

Date: 9.MAY.2015 11:30:14

Highest Channel / 16QAM



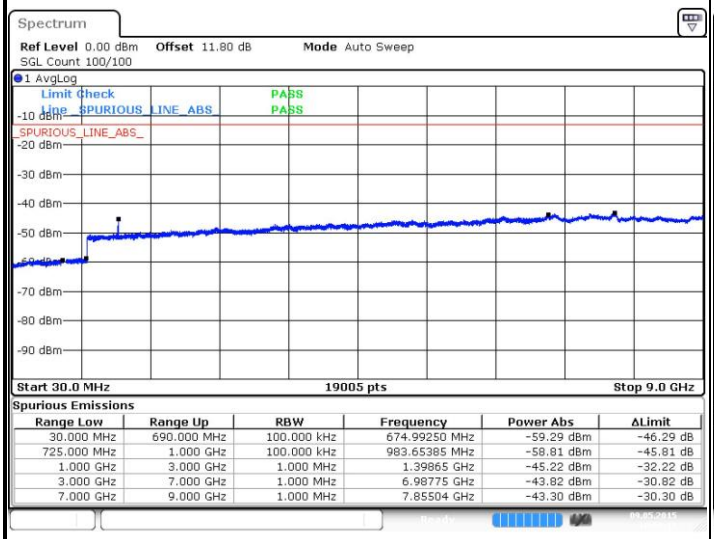
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	688.51574 MHz	-59.31 dBm	-46.31 dB
725.000 MHz	1.000 GHz	100.000 kHz	885.85165 MHz	-58.76 dBm	-45.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.80380 GHz	-48.30 dBm	-35.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-43.40 dBm	-30.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86653 GHz	-43.26 dBm	-30.26 dB

Date: 9.MAY.2015 11:31:26

LTE Band 12 / 3MHz

Lowest Channel / QPSK

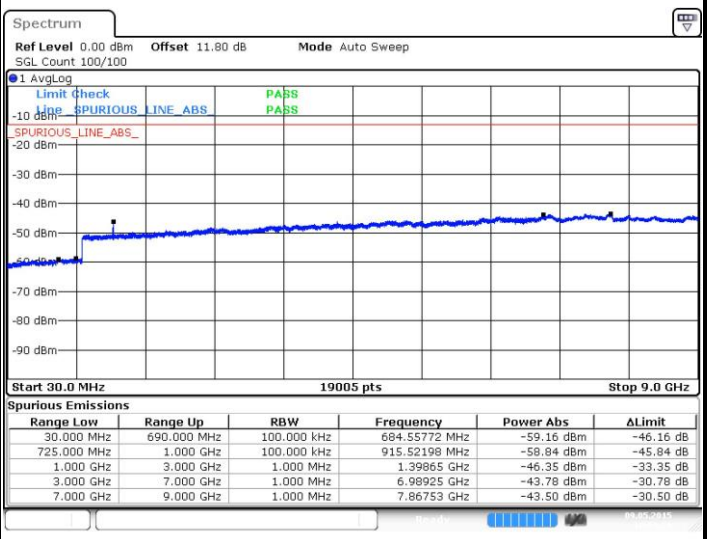


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	674.99250 MHz	-59.29 dBm	-46.29 dB
725.000 MHz	1.000 GHz	100.000 kHz	983.65385 MHz	-58.81 dBm	-45.81 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-45.22 dBm	-32.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-43.82 dBm	-30.82 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85504 GHz	-43.30 dBm	-30.30 dB

Date: 9.MAY.2015 10:08:13

Lowest Channel / 16QAM



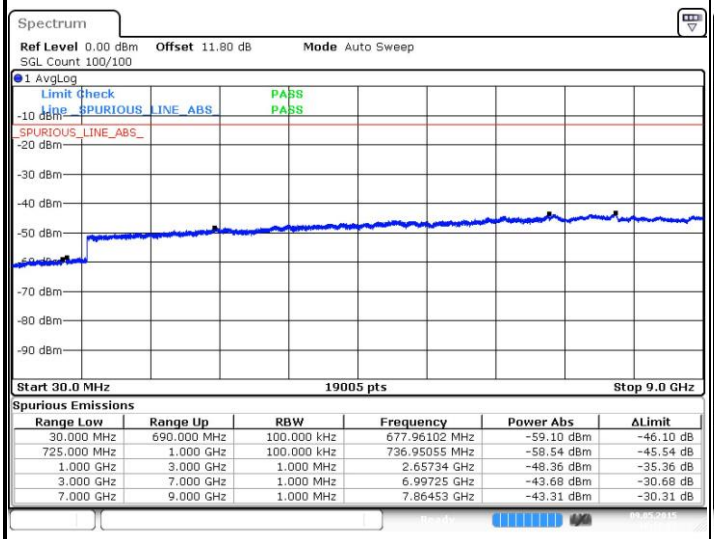
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	684.55772 MHz	-59.16 dBm	-46.16 dB
725.000 MHz	1.000 GHz	100.000 kHz	915.52198 MHz	-58.84 dBm	-45.84 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-46.35 dBm	-33.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-43.78 dBm	-30.78 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86753 GHz	-43.50 dBm	-30.50 dB

Date: 9.MAY.2015 10:09:25

LTE Band 12 / 3MHz

Middle Channel / QPSK

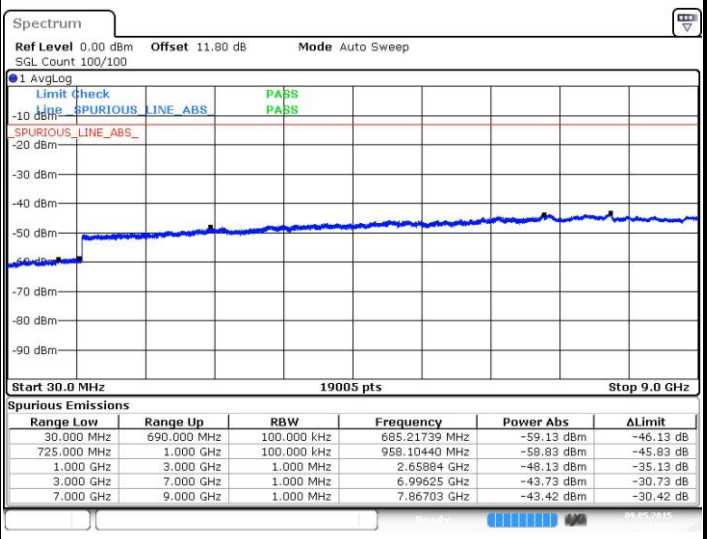


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	677.96102 MHz	-59.10 dBm	-46.10 dB
725.000 MHz	1.000 GHz	100.000 kHz	736.95055 MHz	-58.54 dBm	-45.54 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.65734 GHz	-48.36 dBm	-35.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-43.68 dBm	-30.68 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86453 GHz	-43.31 dBm	-30.31 dB

Date: 9.MAY.2015 10:12:37

Middle Channel / 16QAM

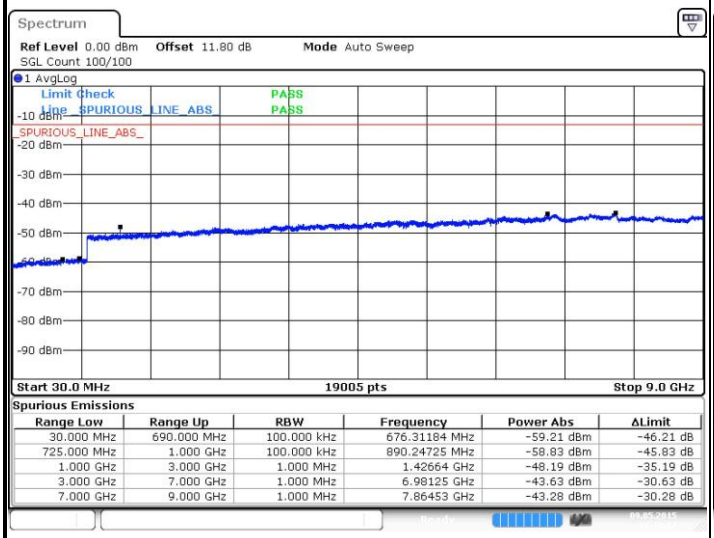


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.21739 MHz	-59.13 dBm	-46.13 dB
725.000 MHz	1.000 GHz	100.000 kHz	958.10440 MHz	-58.83 dBm	-45.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.65884 GHz	-48.13 dBm	-35.13 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-43.73 dBm	-30.73 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86703 GHz	-43.42 dBm	-30.42 dB

Date: 9.MAY.2015 10:11:25

Highest Channel / QPSK

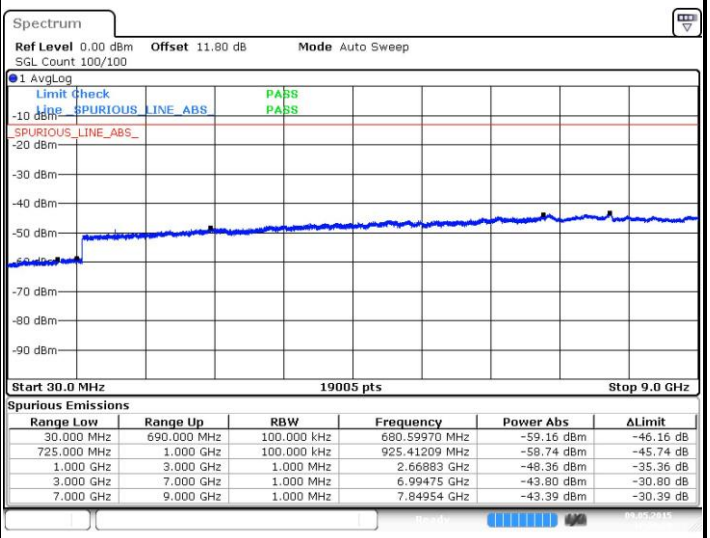


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	676.31184 MHz	-59.21 dBm	-46.21 dB
725.000 MHz	1.000 GHz	100.000 kHz	890.24725 MHz	-58.83 dBm	-45.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-48.19 dBm	-35.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98125 GHz	-43.63 dBm	-30.63 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86453 GHz	-43.28 dBm	-30.28 dB

Date: 9.MAY.2015 10:19:17

Highest Channel / 16QAM



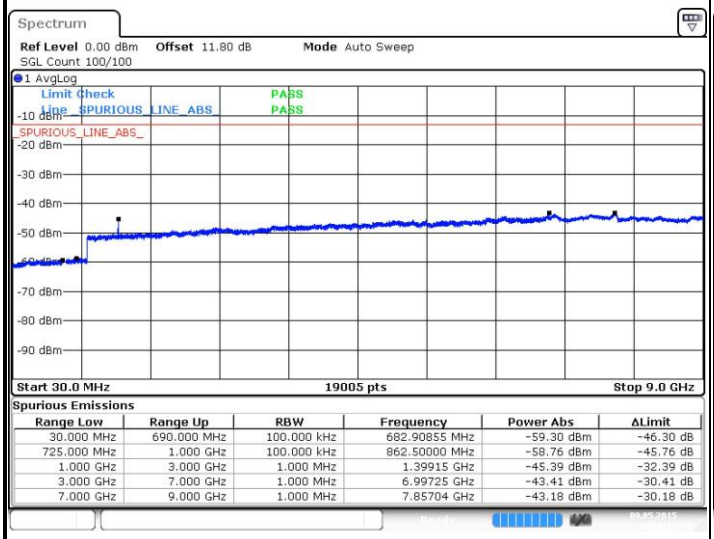
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	680.59970 MHz	-59.16 dBm	-46.16 dB
725.000 MHz	1.000 GHz	100.000 kHz	925.41209 MHz	-58.74 dBm	-45.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.66883 GHz	-48.36 dBm	-35.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-43.80 dBm	-30.80 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.84954 GHz	-43.39 dBm	-30.39 dB

Date: 9.MAY.2015 10:20:29

LTE Band 12 / 5MHz

Lowest Channel / QPSK

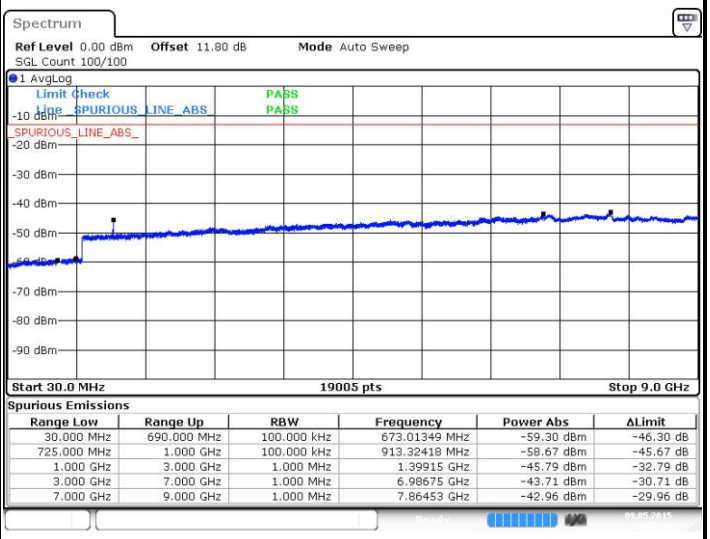


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	682.90855 MHz	-59.30 dBm	-46.30 dB
725.000 MHz	1.000 GHz	100.000 kHz	862.50000 MHz	-58.76 dBm	-45.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-45.39 dBm	-32.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-43.41 dBm	-30.41 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85704 GHz	-43.18 dBm	-30.18 dB

Date: 9.MAY.2015 10:36:11

Lowest Channel / 16QAM

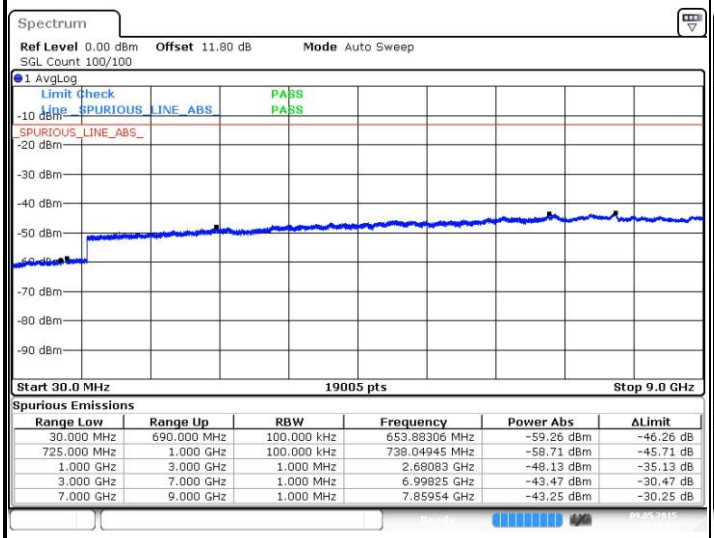


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	673.01349 MHz	-59.30 dBm	-46.30 dB
725.000 MHz	1.000 GHz	100.000 kHz	913.32418 MHz	-58.67 dBm	-45.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-45.79 dBm	-32.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98675 GHz	-43.71 dBm	-30.71 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86453 GHz	-42.96 dBm	-29.96 dB

Date: 9.MAY.2015 10:37:24

Middle Channel / QPSK

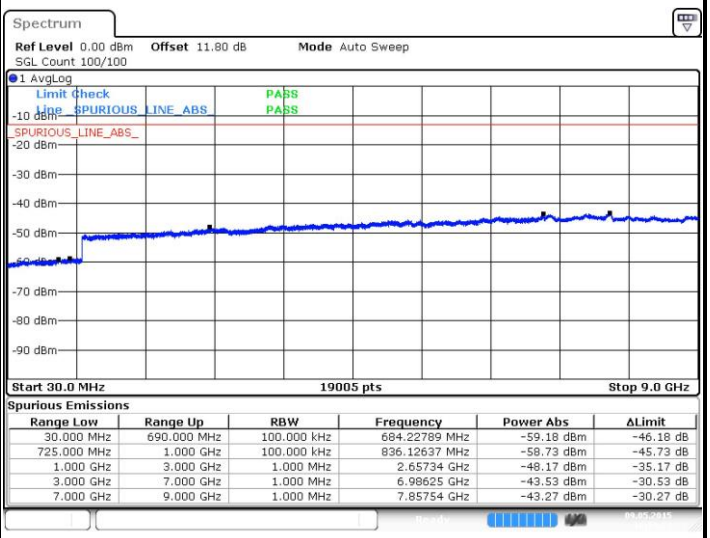


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	653.88306 MHz	-59.26 dBm	-46.26 dB
725.000 MHz	1.000 GHz	100.000 kHz	738.04945 MHz	-58.71 dBm	-45.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.68083 GHz	-48.13 dBm	-35.13 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-43.47 dBm	-30.47 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85954 GHz	-43.25 dBm	-30.25 dB

Date: 9.MAY.2015 10:40:36

Middle Channel / 16QAM



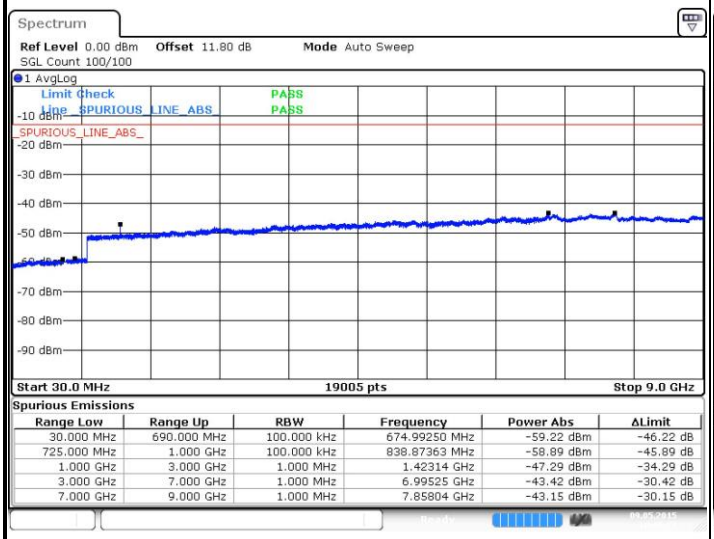
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	684.22789 MHz	-59.18 dBm	-46.18 dB
725.000 MHz	1.000 GHz	100.000 kHz	836.12637 MHz	-58.73 dBm	-45.73 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.65734 GHz	-48.17 dBm	-35.17 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98625 GHz	-43.53 dBm	-30.53 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85754 GHz	-43.27 dBm	-30.27 dB

Date: 9.MAY.2015 10:39:23

LTE Band 12 / 5MHz

Highest Channel / QPSK

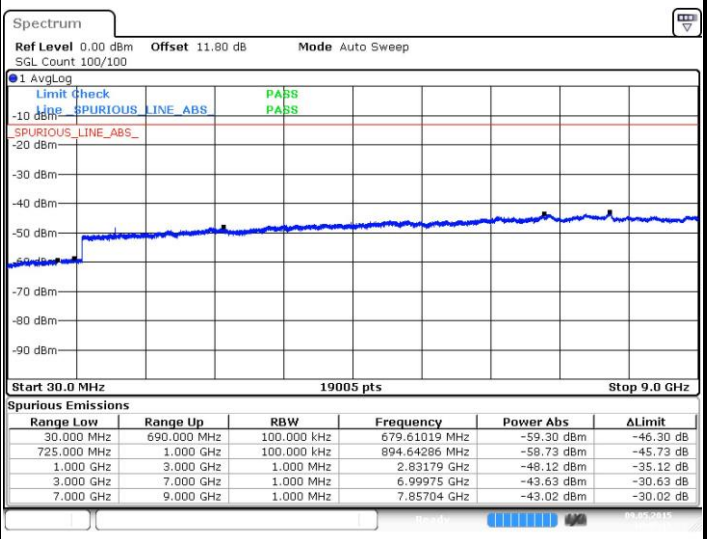


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	674.99250 MHz	-59.22 dBm	-46.22 dB
725.000 MHz	1.000 GHz	100.000 kHz	838.87363 MHz	-58.89 dBm	-45.89 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-47.29 dBm	-34.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-43.42 dBm	-30.42 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85804 GHz	-43.15 dBm	-30.15 dB

Date: 9.MAY.2015 10:48:28

Highest Channel / 16QAM



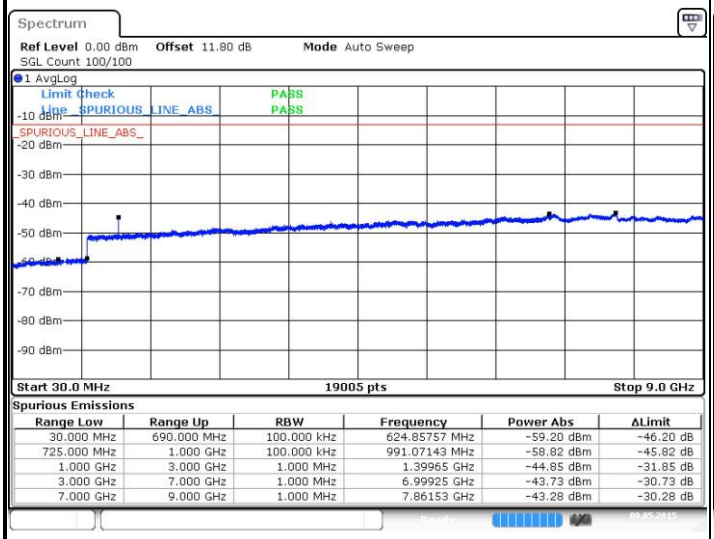
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	679.61019 MHz	-59.30 dBm	-46.30 dB
725.000 MHz	1.000 GHz	100.000 kHz	894.64286 MHz	-58.73 dBm	-45.73 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.83179 GHz	-48.12 dBm	-35.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-43.63 dBm	-30.63 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85704 GHz	-43.02 dBm	-30.02 dB

Date: 9.MAY.2015 10:47:15

LTE Band 12 / 10MHz

Lowest Channel / QPSK

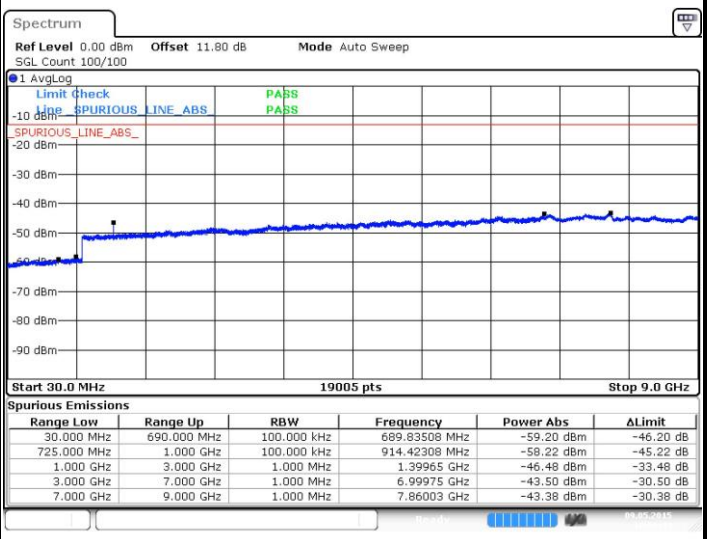


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	624.85757 MHz	-59.20 dBm	-46.20 dB
725.000 MHz	1.000 GHz	100.000 kHz	991.07143 MHz	-58.82 dBm	-45.82 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-44.85 dBm	-31.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-43.73 dBm	-30.73 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86153 GHz	-43.28 dBm	-30.28 dB

Date: 9.MAY.2015 10:55:32

Lowest Channel / 16QAM



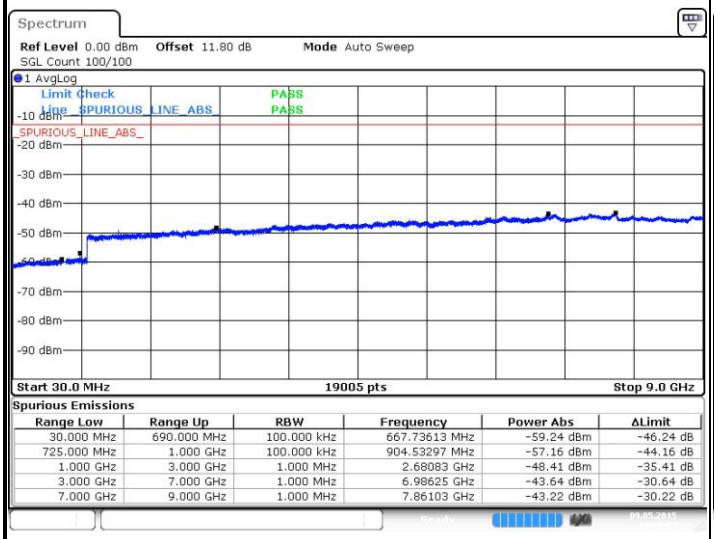
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.83508 MHz	-59.20 dBm	-46.20 dB
725.000 MHz	1.000 GHz	100.000 kHz	914.42308 MHz	-58.22 dBm	-45.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-46.48 dBm	-33.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-43.50 dBm	-30.50 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86003 GHz	-43.38 dBm	-30.38 dB

Date: 9.MAY.2015 10:56:44

LTE Band 12 / 10MHz

Middle Channel / QPSK

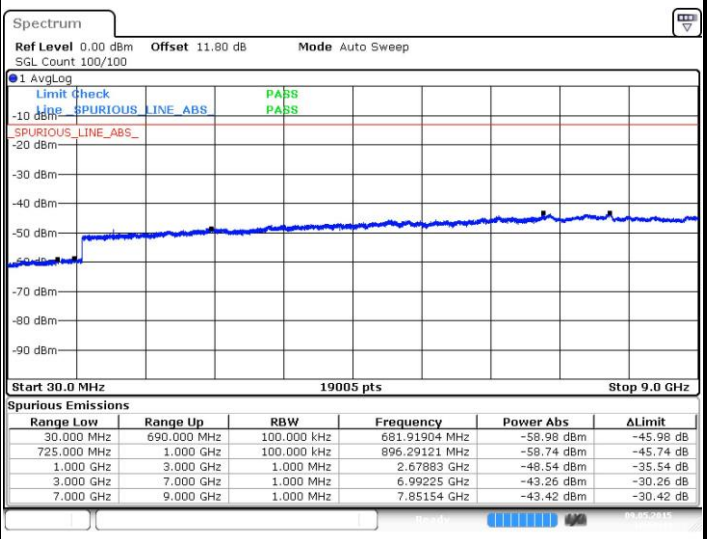


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	667.73613 MHz	-59.24 dBm	-46.24 dB
725.000 MHz	1.000 GHz	100.000 kHz	904.53297 MHz	-57.16 dBm	-44.16 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.68083 GHz	-48.41 dBm	-35.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98625 GHz	-43.64 dBm	-30.64 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86103 GHz	-43.22 dBm	-30.22 dB

Date: 9.MAY.2015 10:59:57

Middle Channel / 16QAM

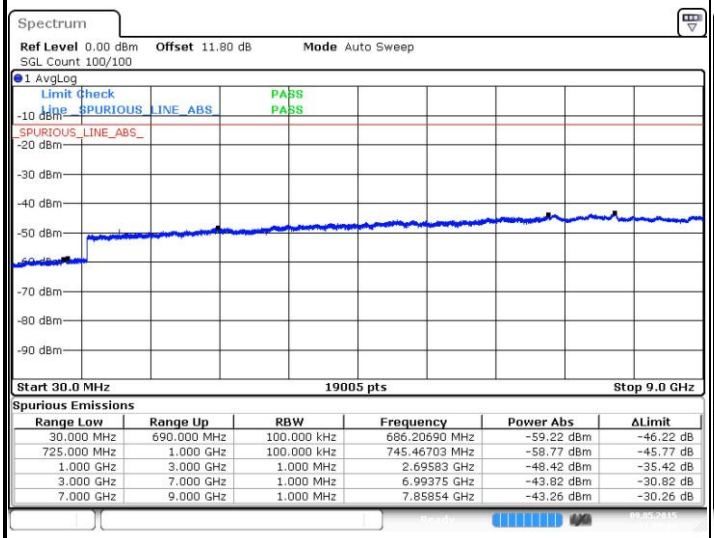


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	681.91904 MHz	-58.98 dBm	-45.98 dB
725.000 MHz	1.000 GHz	100.000 kHz	896.29121 MHz	-58.74 dBm	-45.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.67883 GHz	-48.54 dBm	-35.54 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-43.26 dBm	-30.26 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85154 GHz	-43.42 dBm	-30.42 dB

Date: 9.MAY.2015 10:58:44

Highest Channel / QPSK

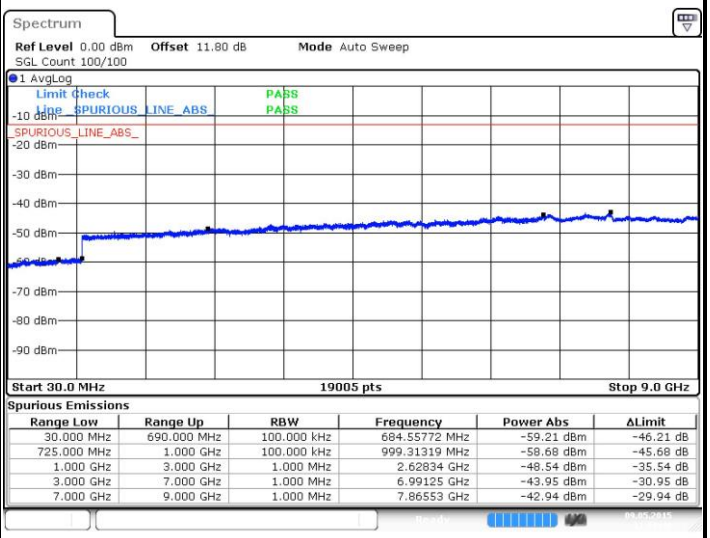


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	686.20690 MHz	-59.22 dBm	-46.22 dB
725.000 MHz	1.000 GHz	100.000 kHz	745.46703 MHz	-58.77 dBm	-45.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.69583 GHz	-48.42 dBm	-35.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-43.82 dBm	-30.82 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85854 GHz	-43.26 dBm	-30.26 dB

Date: 9.MAY.2015 11:06:36

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	684.55772 MHz	-59.21 dBm	-46.21 dB
725.000 MHz	1.000 GHz	100.000 kHz	999.31319 MHz	-58.68 dBm	-45.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.62834 GHz	-48.54 dBm	-35.54 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-43.95 dBm	-30.95 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86553 GHz	-42.94 dBm	-29.94 dB

Date: 9.MAY.2015 11:07:48