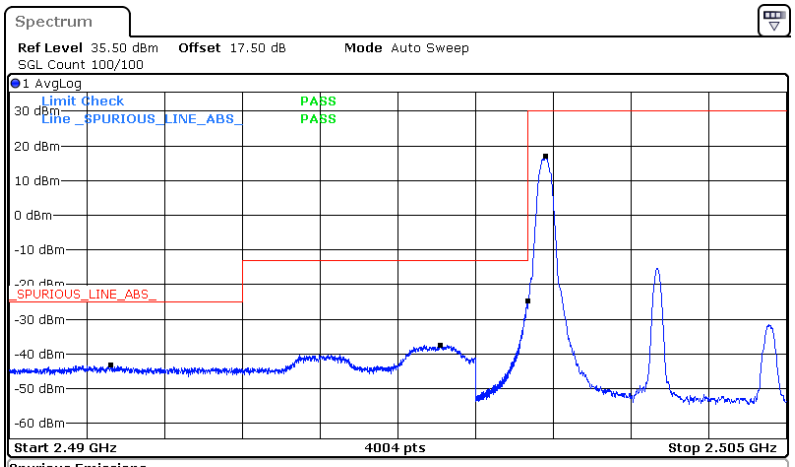
Band :	LTE Band 7	Band Width :	5MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

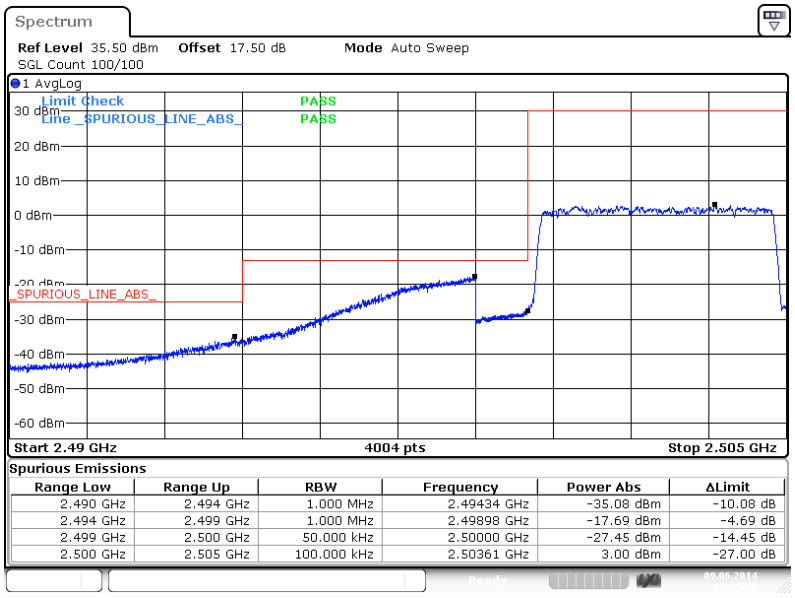


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.490 GHz	2.494 GHz	1.000 MHz	2.49196 GHz	-43.10 dBm	-18.10 dB
2.494 GHz	2.499 GHz	1.000 MHz	2.49831 GHz	-37.47 dBm	-24.47 dB
2.499 GHz	2.500 GHz	50.000 kHz	2.50000 GHz	-24.76 dBm	-11.76 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50035 GHz	17.01 dBm	-12.99 dB

Date: 9.JUN.2014 13:49:17

Lower Band Edge Plot for 16QAM-RB Size 25, RB Offset 0

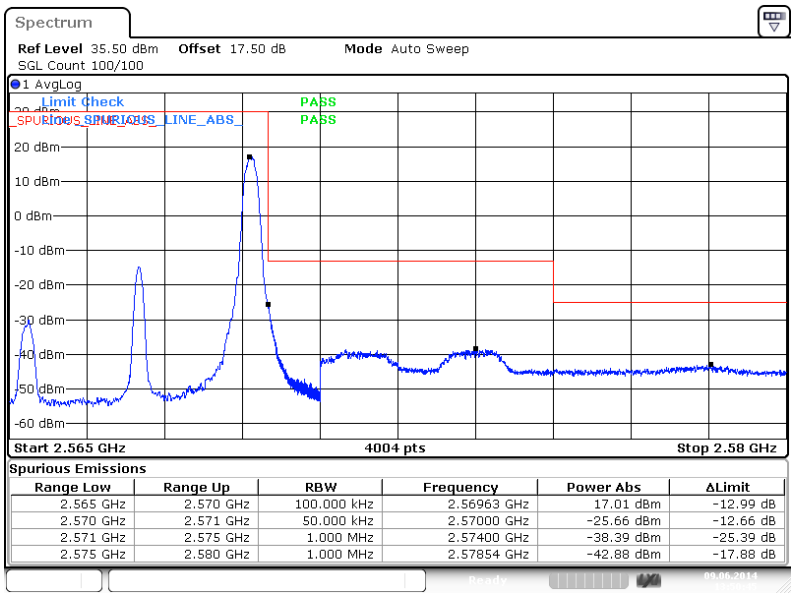


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.490 GHz	2.494 GHz	1.000 MHz	2.49434 GHz	-35.08 dBm	-10.08 dB
2.494 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-17.69 dBm	-4.69 dB
2.499 GHz	2.500 GHz	50.000 kHz	2.50000 GHz	-27.45 dBm	-14.45 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50361 GHz	3.00 dBm	-27.00 dB

Date: 9.JUN.2014 13:45:48

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 24

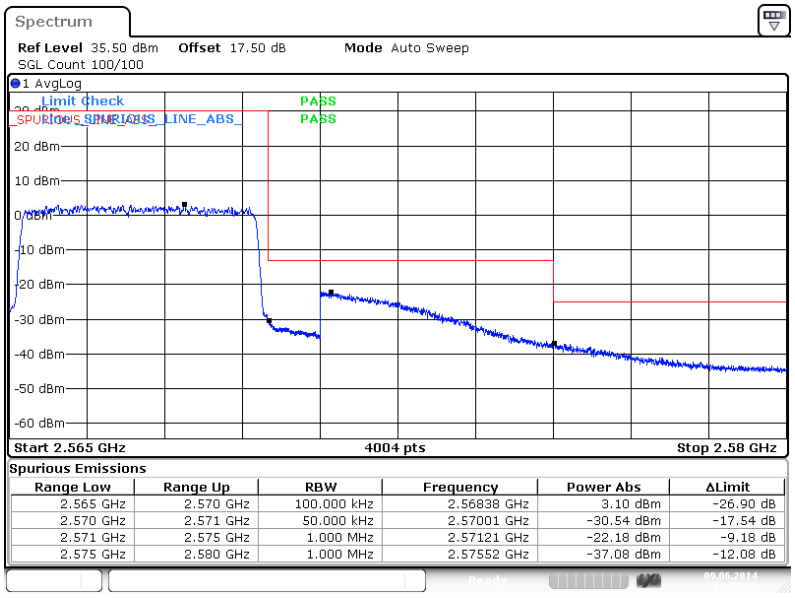


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56963 GHz	17.01 dBm	-12.99 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57000 GHz	-25.66 dBm	-12.66 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57400 GHz	-38.39 dBm	-25.39 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57854 GHz	-42.88 dBm	-17.88 dB

Date: 9.JUN.2014 13:50:45

Higher Band Edge Plot for 16QAM-RB Size 25, RB Offset 0



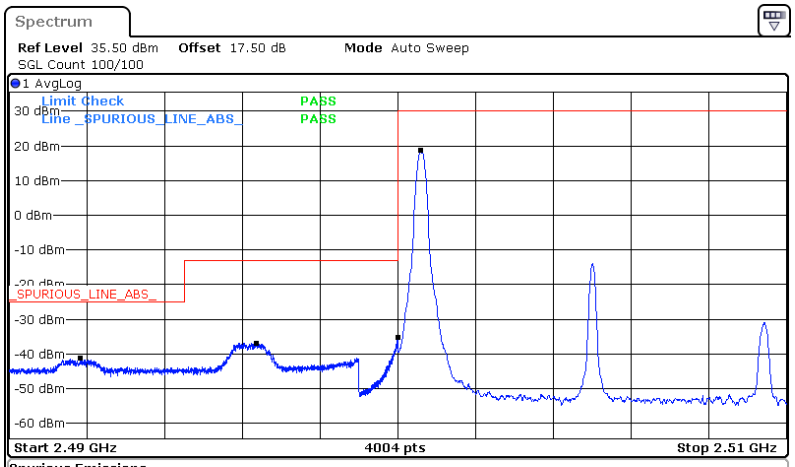
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56838 GHz	3.10 dBm	-26.90 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57001 GHz	-30.54 dBm	-17.54 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57121 GHz	-22.18 dBm	-9.18 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57552 GHz	-37.08 dBm	-12.08 dB

Date: 9.JUN.2014 13:55:02

Band :	LTE Band 7	Band Width :	10MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

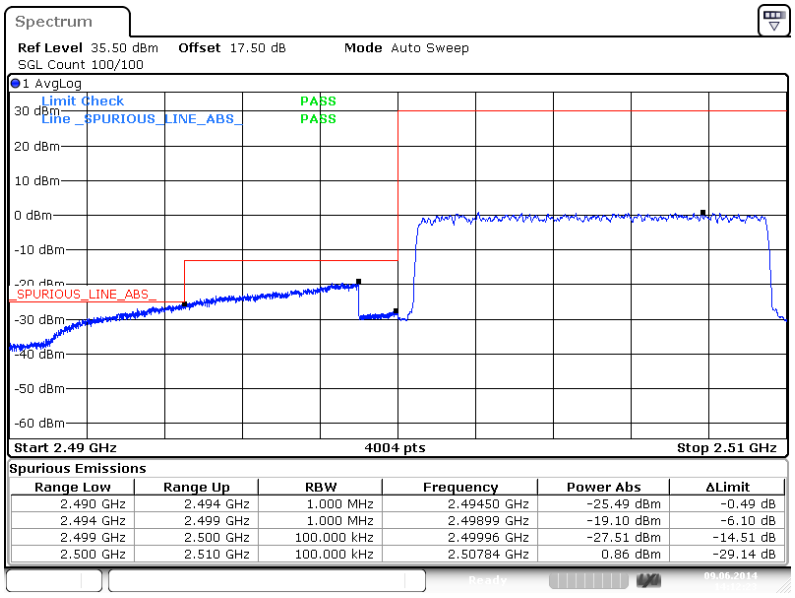


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.490 GHz	2.494 GHz	1.000 MHz	2.49182 GHz	-41.24 dBm	-16.24 dB
2.494 GHz	2.499 GHz	1.000 MHz	2.49635 GHz	-36.86 dBm	-23.86 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-35.34 dBm	-22.34 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50057 GHz	18.78 dBm	-11.22 dB

Date: 9.JUN.2014 14:13:27

Lower Band Edge Plot for QPSK-RB Size 50, RB Offset 0

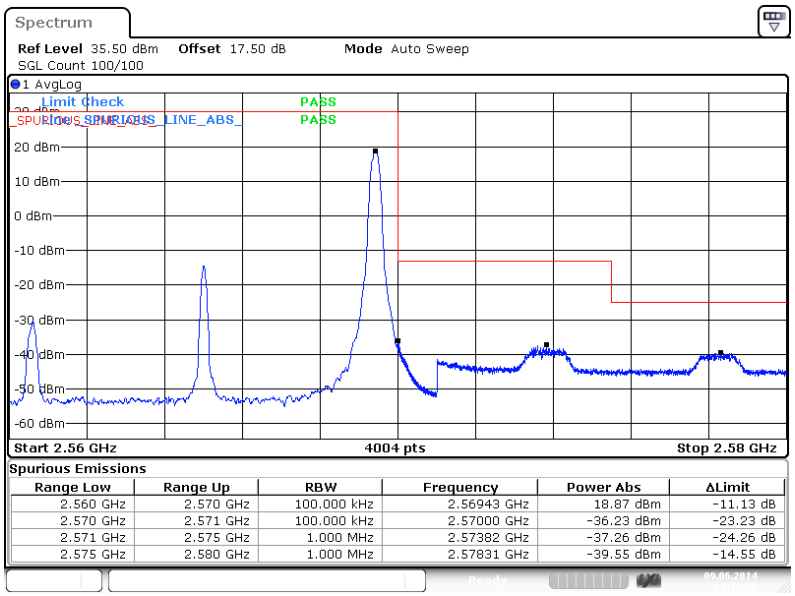


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.490 GHz	2.494 GHz	1.000 MHz	2.49450 GHz	-25.49 dBm	-0.49 dB
2.494 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-19.10 dBm	-6.10 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49996 GHz	-27.51 dBm	-14.51 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50784 GHz	0.86 dBm	-29.14 dB

Date: 9.JUN.2014 14:12:23

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 49

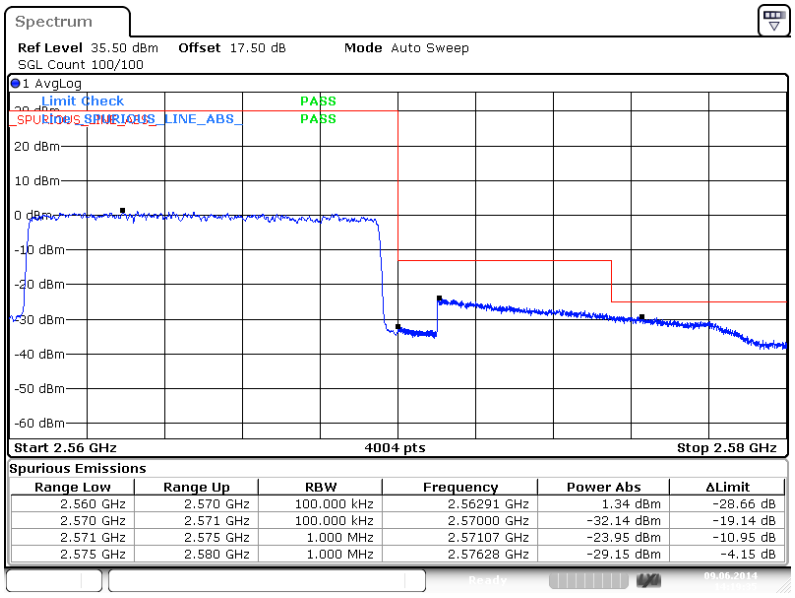


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56943 GHz	18.87 dBm	-11.13 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-36.23 dBm	-23.23 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57382 GHz	-37.26 dBm	-24.26 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57831 GHz	-39.55 dBm	-14.55 dB

Date: 9.JUN.2014 14:18:55

Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0



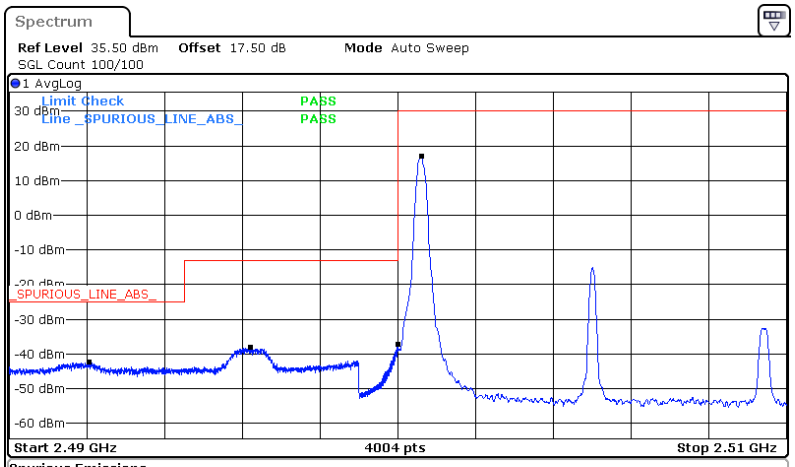
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56291 GHz	1.34 dBm	-28.66 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-32.14 dBm	-19.14 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-23.95 dBm	-10.95 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57628 GHz	-29.15 dBm	-4.15 dB

Date: 9.JUN.2014 14:19:35

Band :	LTE Band 7	Band Width :	10MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

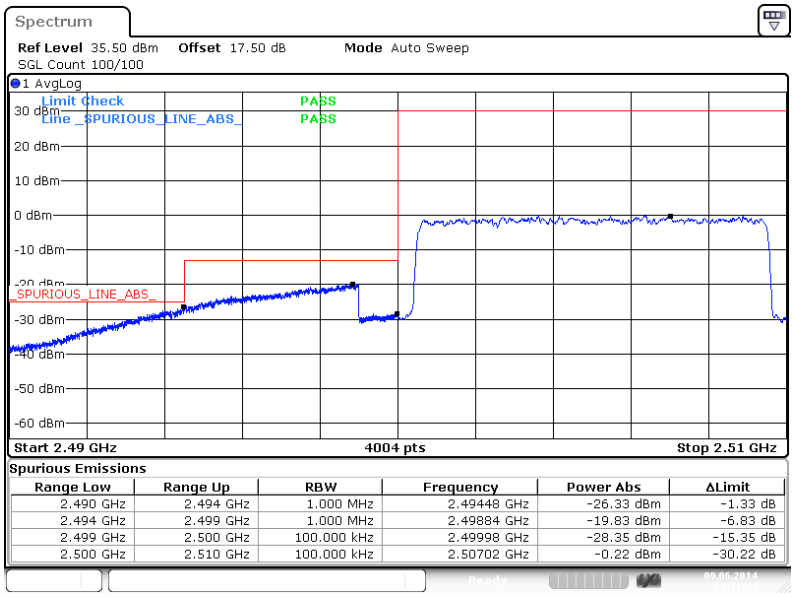


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.490 GHz	2.494 GHz	1.000 MHz	2.49205 GHz	-42.33 dBm	-17.33 dB
2.494 GHz	2.499 GHz	1.000 MHz	2.49620 GHz	-37.94 dBm	-24.94 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49999 GHz	-37.16 dBm	-24.16 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50060 GHz	17.06 dBm	-12.94 dB

Date: 9.JUN.2014 14:14:34

Lower Band Edge Plot for 16QAM-RB Size 50, RB Offset 0

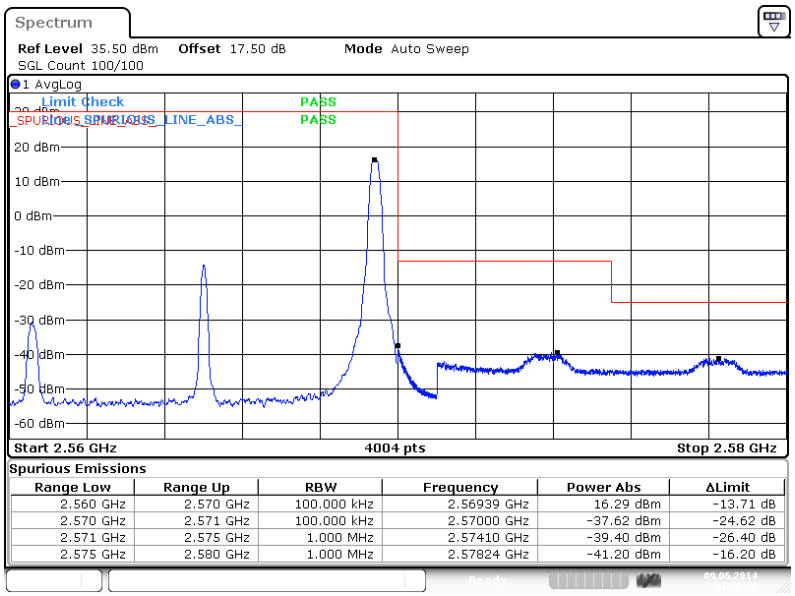


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.490 GHz	2.494 GHz	1.000 MHz	2.49448 GHz	-26.33 dBm	-1.33 dB
2.494 GHz	2.499 GHz	1.000 MHz	2.49884 GHz	-19.83 dBm	-6.83 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49998 GHz	-28.35 dBm	-15.35 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50702 GHz	-0.22 dBm	-30.22 dB

Date: 9.JUN.2014 14:11:44

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 49

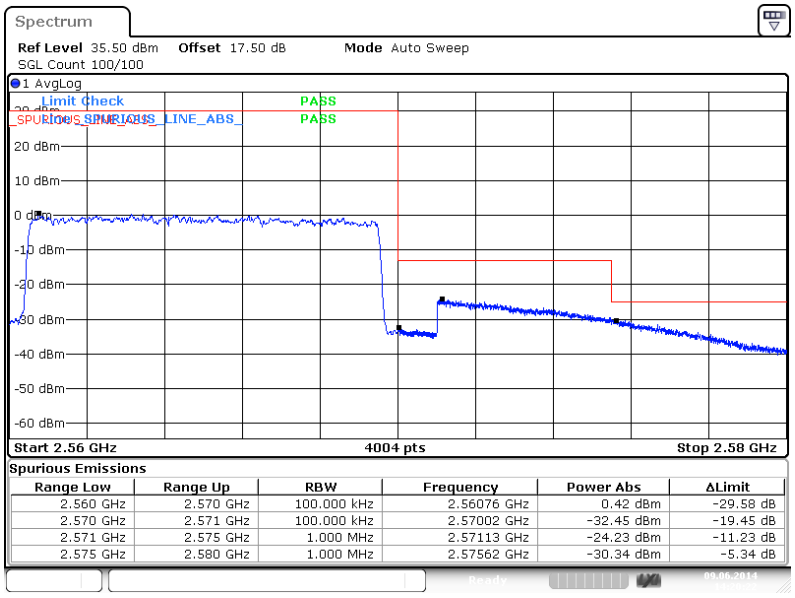


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56939 GHz	16.29 dBm	-13.71 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-37.62 dBm	-24.62 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57410 GHz	-39.40 dBm	-26.40 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57824 GHz	-41.20 dBm	-16.20 dB

Date: 9.JUN.2014 14:18:10

Higher Band Edge Plot for 16QAM-RB Size 50, RB Offset 0



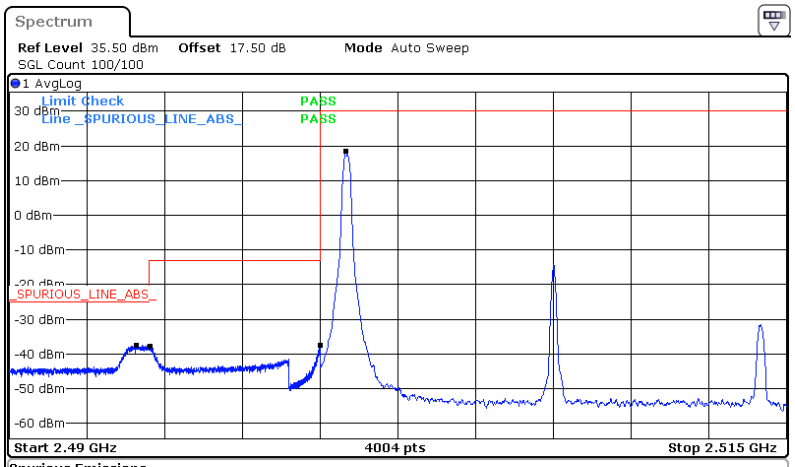
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56076 GHz	0.42 dBm	-29.58 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57002 GHz	-32.45 dBm	-19.45 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57113 GHz	-24.23 dBm	-11.23 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57562 GHz	-30.34 dBm	-5.34 dB

Date: 9.JUN.2014 14:20:22

Band :	LTE Band 7	Band Width :	15MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

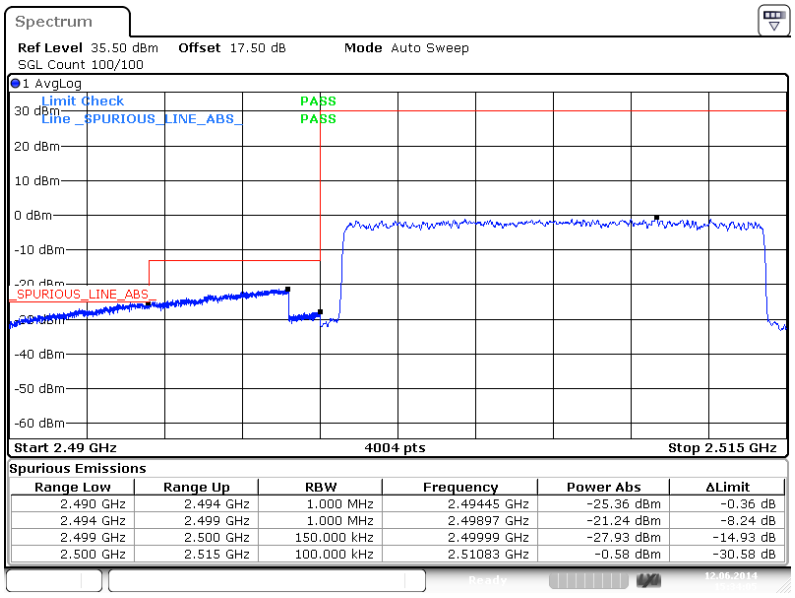


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.490 GHz	2.494 GHz	1.000 MHz	2.49409 GHz	-37.39 dBm	-12.39 dB
2.494 GHz	2.499 GHz	1.000 MHz	2.49454 GHz	-37.70 dBm	-24.70 dB
2.499 GHz	2.500 GHz	150.000 kHz	2.49999 GHz	-37.47 dBm	-24.47 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50082 GHz	18.52 dBm	-11.48 dB

Date: 9.JUN.2014 14:56:09

Lower Band Edge Plot for QPSK-RB Size 75, RB Offset 0

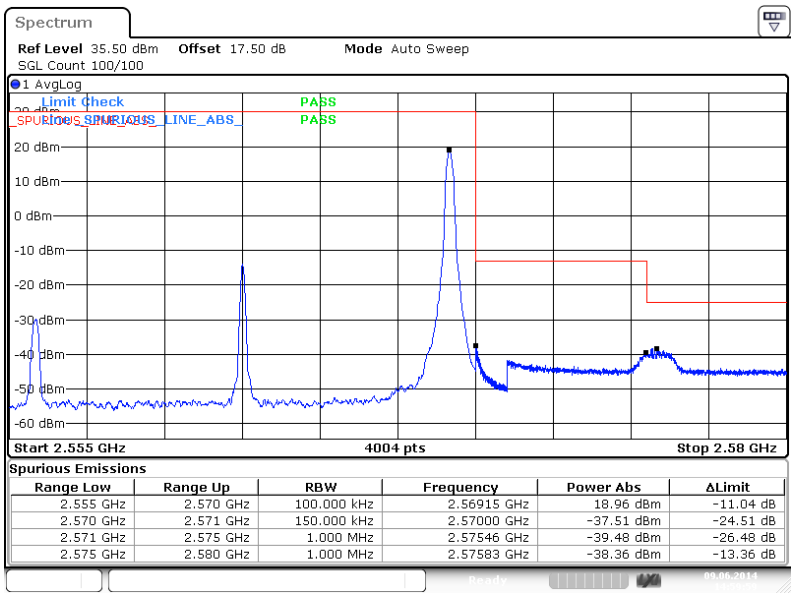


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.490 GHz	2.494 GHz	1.000 MHz	2.49445 GHz	-25.36 dBm	-0.36 dB
2.494 GHz	2.499 GHz	1.000 MHz	2.49897 GHz	-21.24 dBm	-8.24 dB
2.499 GHz	2.500 GHz	150.000 kHz	2.49999 GHz	-27.93 dBm	-14.93 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.51083 GHz	-0.58 dBm	-30.58 dB

Date: 12.JUN.2014 15:34:05

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 74

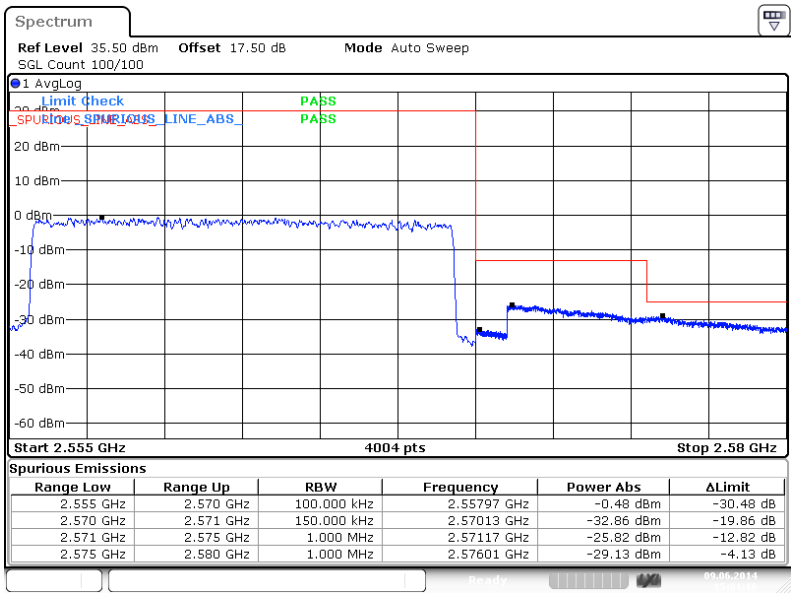


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56915 GHz	18.96 dBm	-11.04 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57000 GHz	-37.51 dBm	-24.51 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57546 GHz	-39.48 dBm	-26.48 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57583 GHz	-38.36 dBm	-13.36 dB

Date: 9.JUN.2014 14:59:59

Higher Band Edge Plot for QPSK-RB Size 75, RB Offset 0



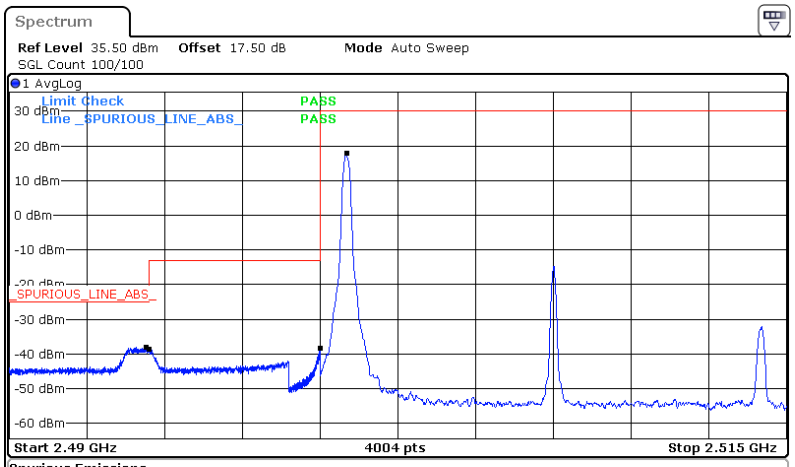
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55797 GHz	-0.48 dBm	-30.48 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57013 GHz	-32.86 dBm	-19.86 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57117 GHz	-25.82 dBm	-12.82 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57601 GHz	-29.13 dBm	-4.13 dB

Date: 9.JUN.2014 15:01:16

Band :	LTE Band 7	Band Width :	15MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

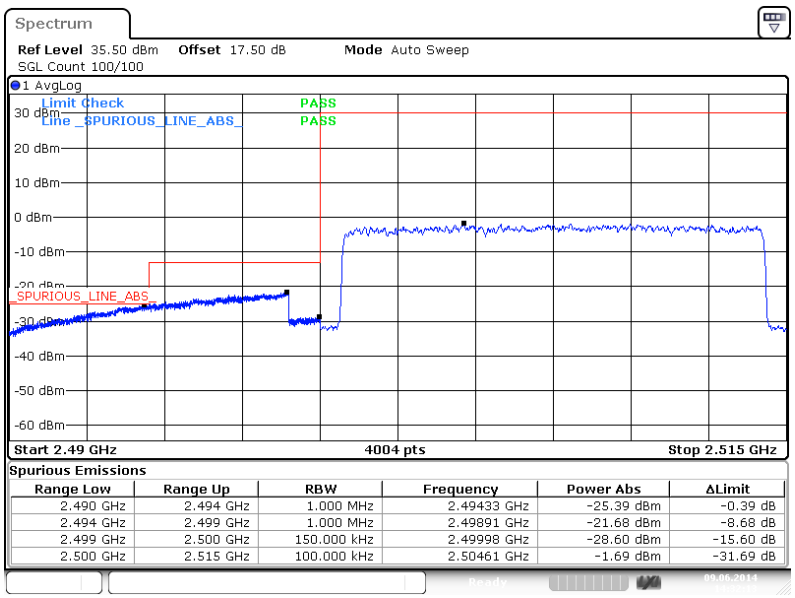


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.490 GHz	2.494 GHz	1.000 MHz	2.49439 GHz	-38.13 dBm	-13.13 dB
2.494 GHz	2.499 GHz	1.000 MHz	2.49450 GHz	-38.65 dBm	-25.65 dB
2.499 GHz	2.500 GHz	150.000 kHz	2.50000 GHz	-38.46 dBm	-25.46 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50085 GHz	17.79 dBm	-12.21 dB

Date: 9.JUN.2014 14:56:53

Lower Band Edge Plot for 16QAM-RB Size 75, RB Offset 0

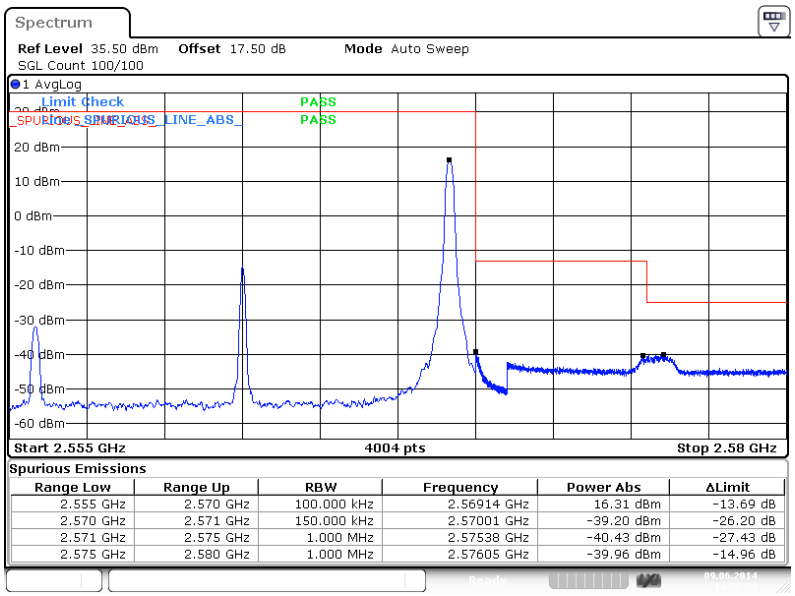


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.490 GHz	2.494 GHz	1.000 MHz	2.49433 GHz	-25.39 dBm	-0.39 dB
2.494 GHz	2.499 GHz	1.000 MHz	2.49891 GHz	-21.68 dBm	-8.68 dB
2.499 GHz	2.500 GHz	150.000 kHz	2.49998 GHz	-28.60 dBm	-15.60 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50461 GHz	-1.69 dBm	-31.69 dB

Date: 9.JUN.2014 14:32:13

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 74

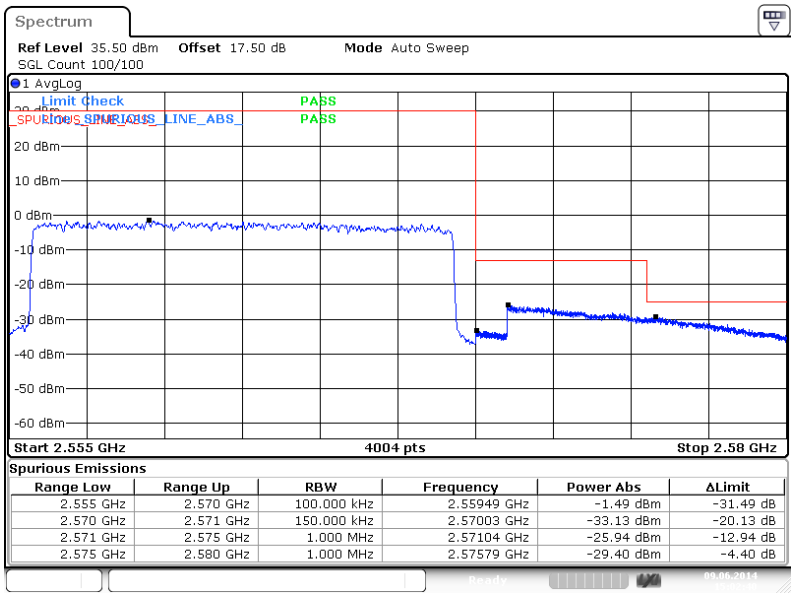


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56914 GHz	16.31 dBm	-13.69 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57001 GHz	-39.20 dBm	-26.20 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57538 GHz	-40.43 dBm	-27.43 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57605 GHz	-39.96 dBm	-14.96 dB

Date: 9.JUN.2014 14:58:33

Higher Band Edge Plot for 16QAM-RB Size 75, RB Offset 0



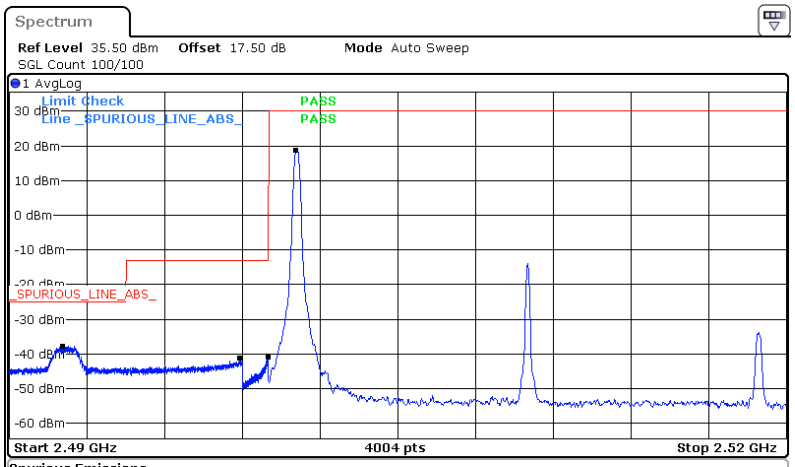
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55949 GHz	-1.49 dBm	-31.49 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57003 GHz	-33.13 dBm	-20.13 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57104 GHz	-25.94 dBm	-12.94 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57579 GHz	-29.40 dBm	-4.40 dB

Date: 9.JUN.2014 15:02:40

Band :	LTE Band 7	Band Width :	20MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

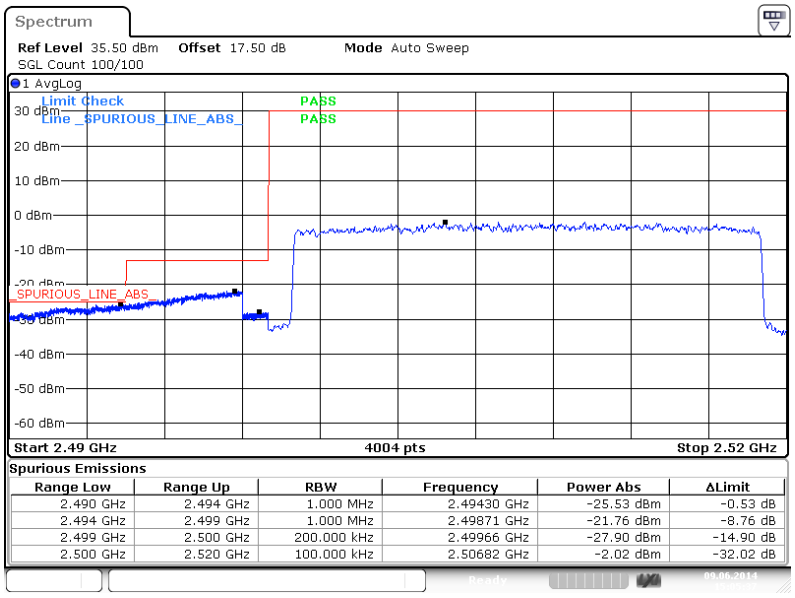


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.490 GHz	2.494 GHz	1.000 MHz	2.49205 GHz	-37.68 dBm	-12.68 dB
2.494 GHz	2.499 GHz	1.000 MHz	2.49889 GHz	-41.35 dBm	-28.35 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-40.88 dBm	-27.88 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50107 GHz	18.86 dBm	-11.14 dB

Date: 9.JUN.2014 15:06:23

Lower Band Edge Plot for QPSK-RB Size 100, RB Offset 0

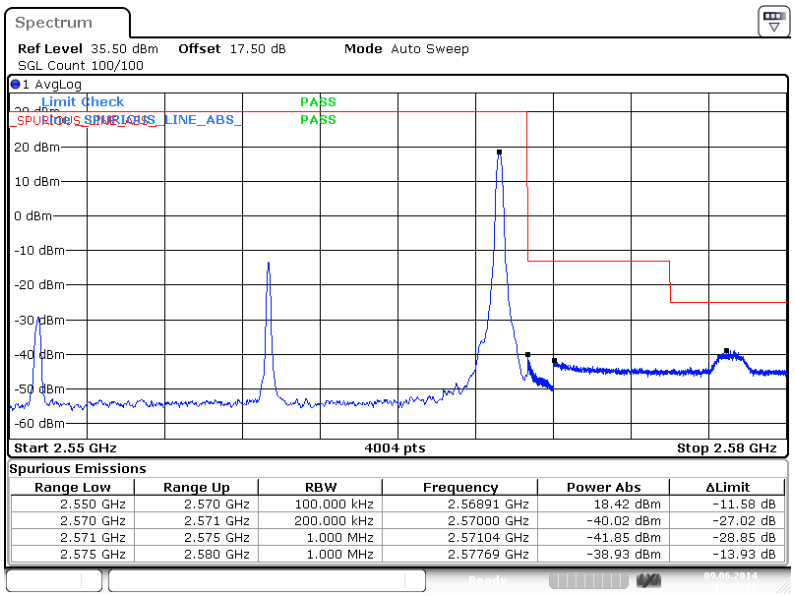


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.490 GHz	2.494 GHz	1.000 MHz	2.49430 GHz	-25.53 dBm	-0.53 dB
2.494 GHz	2.499 GHz	1.000 MHz	2.49871 GHz	-21.76 dBm	-8.76 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49966 GHz	-27.90 dBm	-14.90 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50682 GHz	-2.02 dBm	-32.02 dB

Date: 9.JUN.2014 15:05:38

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 99

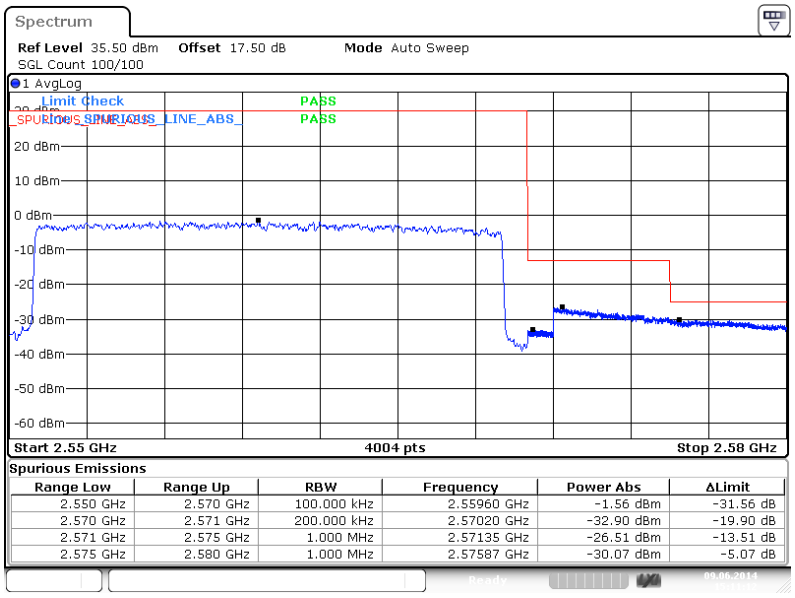


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56891 GHz	18.42 dBm	-11.58 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-40.02 dBm	-27.02 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57104 GHz	-41.85 dBm	-28.85 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57769 GHz	-38.93 dBm	-13.93 dB

Date: 9.JUN.2014 15:09:19

Higher Band Edge Plot for QPSK-RB Size 100, RB Offset 0



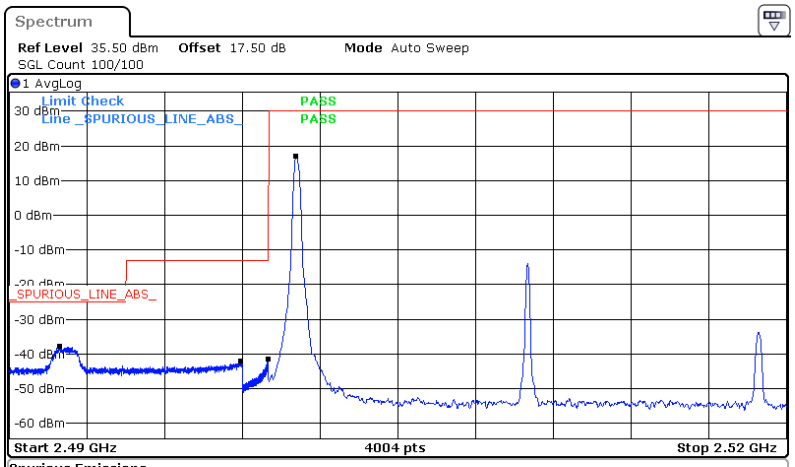
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55960 GHz	-1.56 dBm	-31.56 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57020 GHz	-32.90 dBm	-19.90 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57135 GHz	-26.51 dBm	-13.51 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57587 GHz	-30.07 dBm	-5.07 dB

Date: 9.JUN.2014 15:11:12

Band :	LTE Band 7	Band Width :	20MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

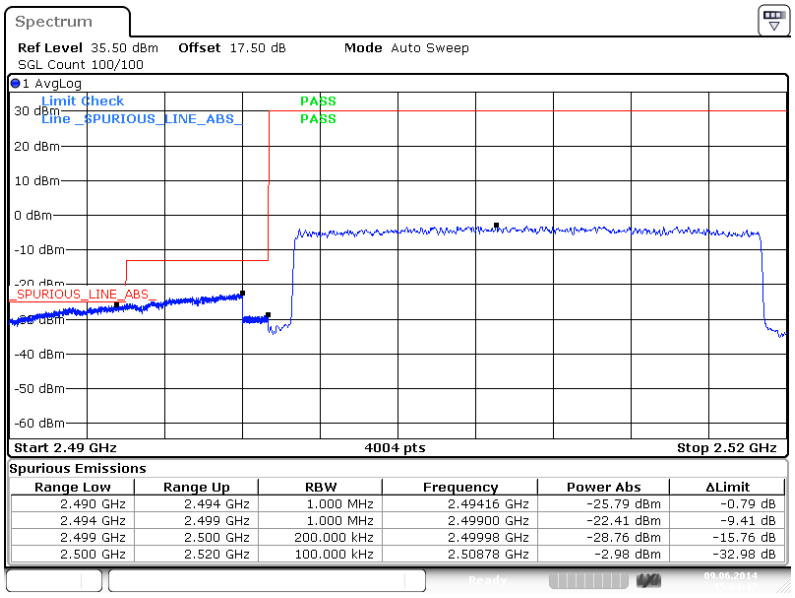


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.490 GHz	2.494 GHz	1.000 MHz	2.49194 GHz	-37.81 dBm	-12.81 dB
2.494 GHz	2.499 GHz	1.000 MHz	2.49894 GHz	-42.05 dBm	-29.05 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49999 GHz	-41.54 dBm	-28.54 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50107 GHz	17.02 dBm	-12.98 dB

Date: 9.JUN.2014 15:07:12

Lower Band Edge Plot for 16QAM-RB Size 100, RB Offset 0

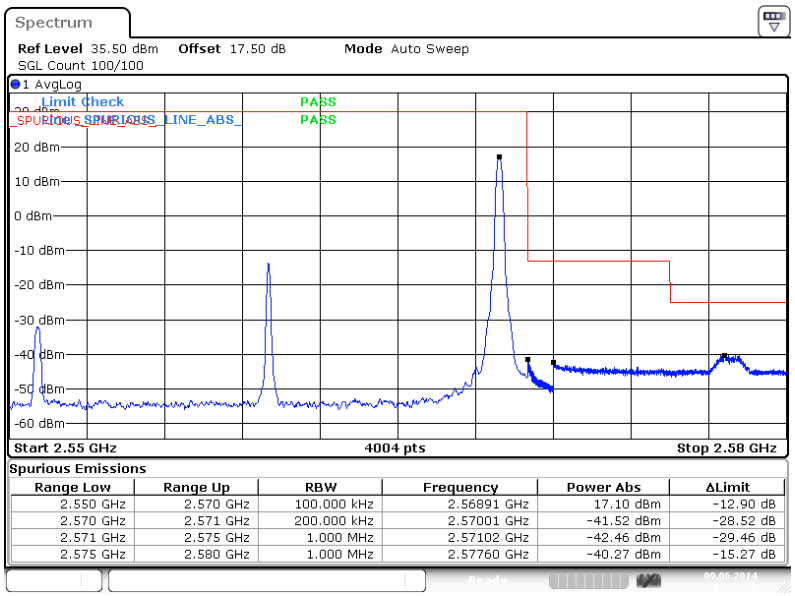


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.490 GHz	2.494 GHz	1.000 MHz	2.49416 GHz	-25.79 dBm	-0.79 dB
2.494 GHz	2.499 GHz	1.000 MHz	2.49900 GHz	-22.41 dBm	-9.41 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49998 GHz	-28.76 dBm	-15.76 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50878 GHz	-2.98 dBm	-32.98 dB

Date: 9.JUN.2014 15:04:47

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 99

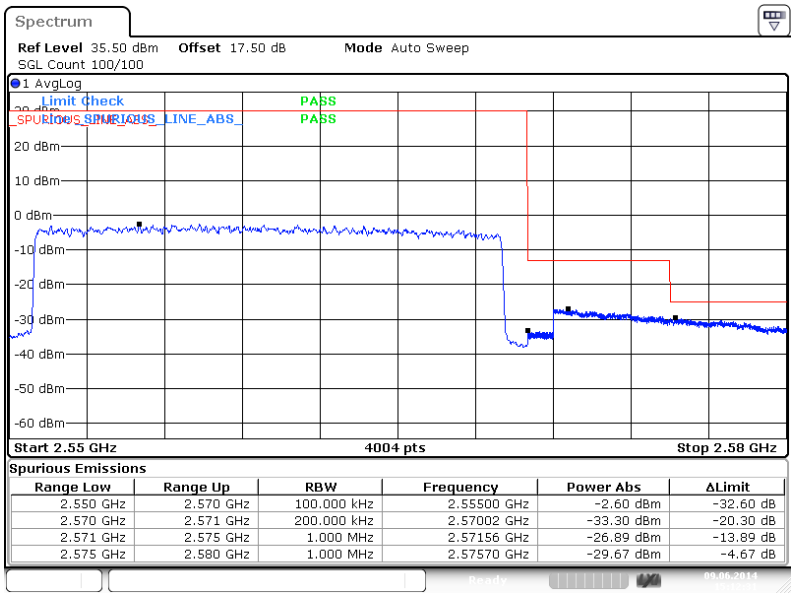


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56891 GHz	17.10 dBm	-12.90 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-41.52 dBm	-28.52 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-42.46 dBm	-29.46 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57760 GHz	-40.27 dBm	-15.27 dB

Date: 9.JUN.2014 15:08:26

Higher Band Edge Plot for 16QAM-RB Size 100, RB Offset 0



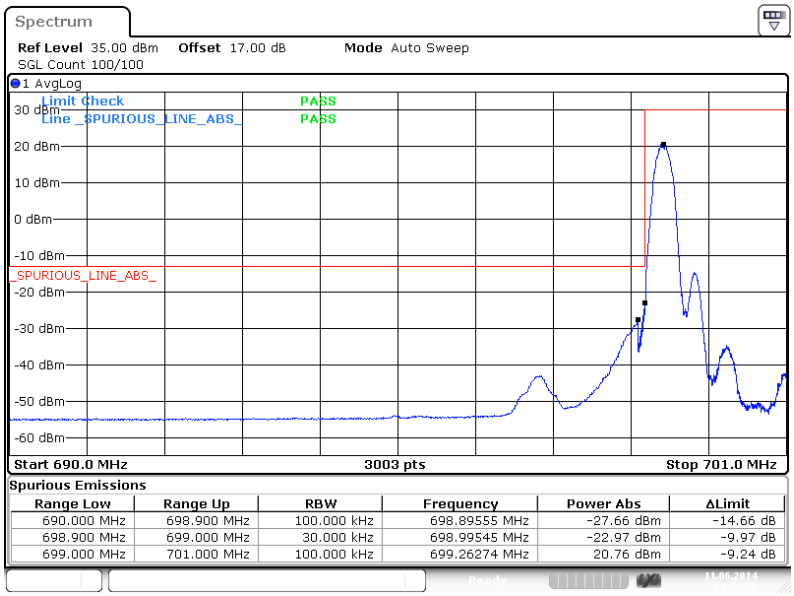
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55500 GHz	-2.60 dBm	-32.60 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-33.30 dBm	-20.30 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57156 GHz	-26.89 dBm	-13.89 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57570 GHz	-29.67 dBm	-4.67 dB

Date: 9.JUN.2014 15:12:31

Band :	LTE Band 12	Band Width :	1.4MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

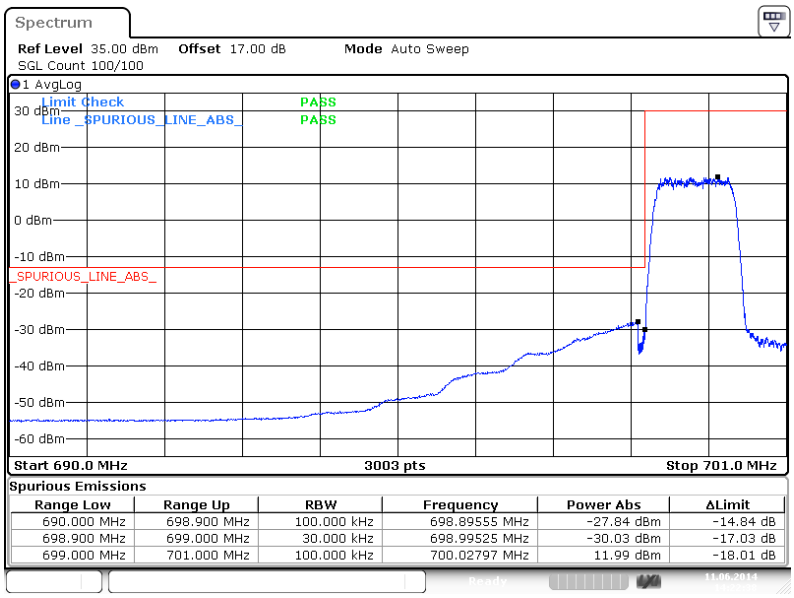


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.66 dBm	-14.66 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99545 MHz	-22.97 dBm	-9.97 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.26274 MHz	20.76 dBm	-9.24 dB

Date: 11.JUN.2014 14:24:50

Lower Band Edge Plot for QPSK-RB Size 6, RB Offset 0

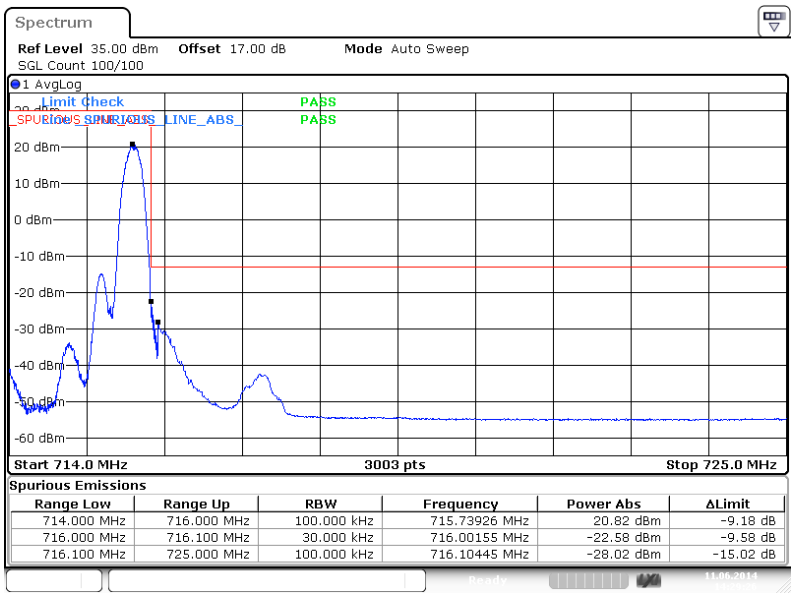


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.84 dBm	-14.84 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99525 MHz	-30.03 dBm	-17.03 dB
699.000 MHz	701.000 MHz	100.000 kHz	700.02797 MHz	11.99 dBm	-18.01 dB

Date: 11.JUN.2014 14:22:38

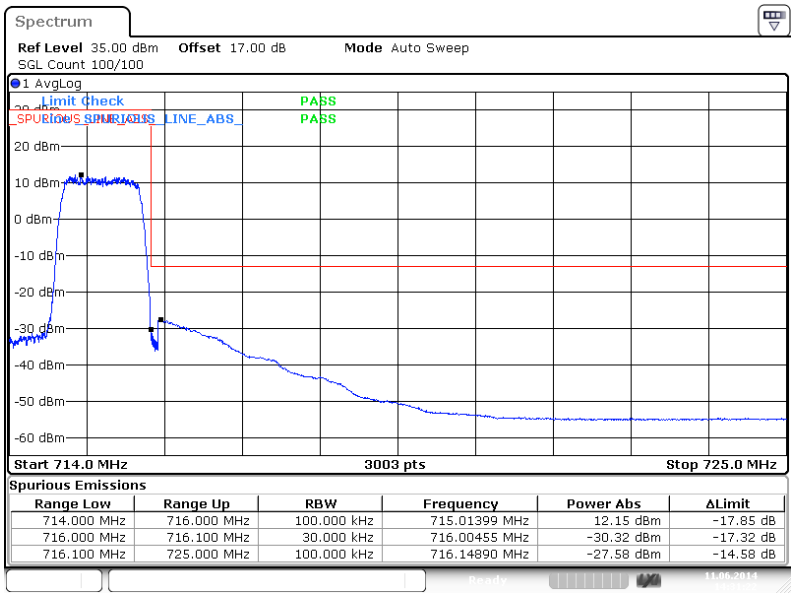
Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 5



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.73926 MHz	20.82 dBm	-9.18 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00155 MHz	-22.58 dBm	-9.58 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.02 dBm	-15.02 dB

Date: 11.JUN.2014 14:29:26

Higher Band Edge Plot for QPSK-RB Size 6, RB Offset 0

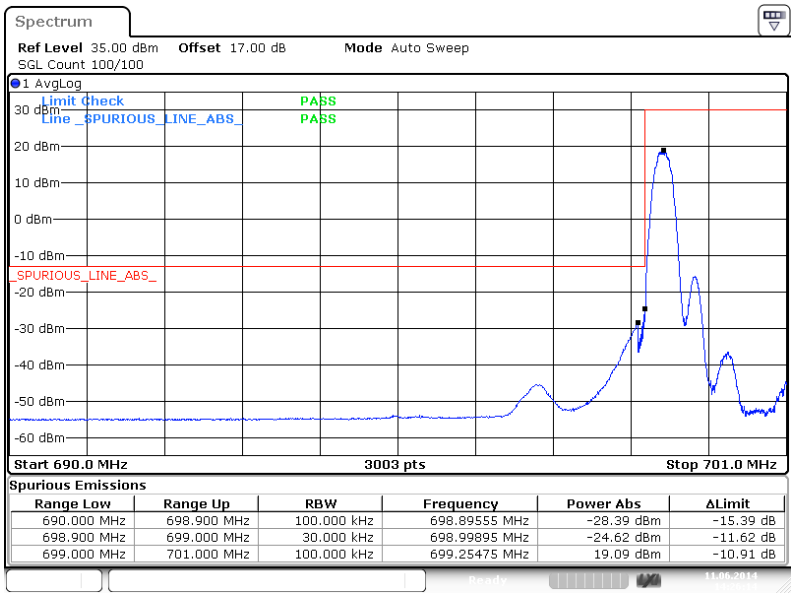


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.01399 MHz	12.15 dBm	-17.85 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00455 MHz	-30.32 dBm	-17.32 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.14890 MHz	-27.58 dBm	-14.58 dB

Date: 11.JUN.2014 14:31:22

Band :	LTE Band 12	Band Width :	1.4MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

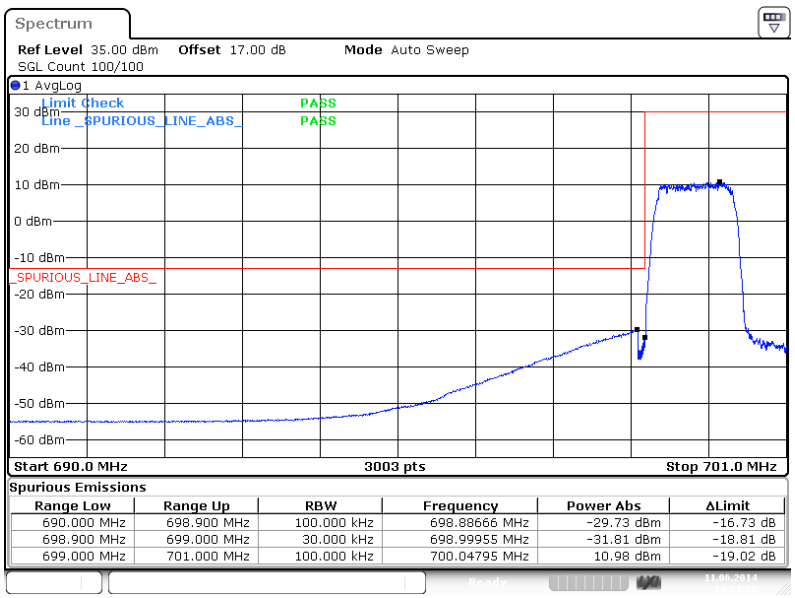


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.39 dBm	-15.39 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99895 MHz	-24.62 dBm	-11.62 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.25475 MHz	19.09 dBm	-10.91 dB

Date: 11.JUN.2014 14:26:14

Lower Band Edge Plot for 16QAM-RB Size 6, RB Offset 0

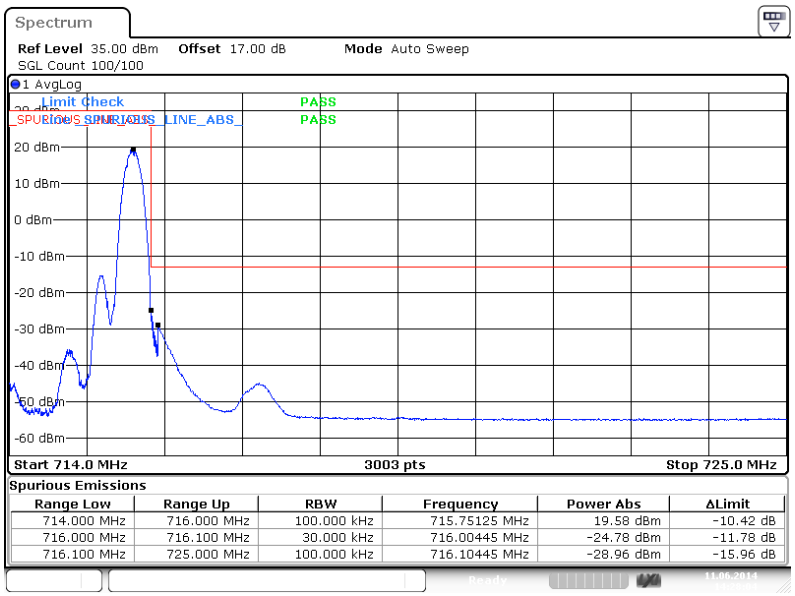


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-29.73 dBm	-16.73 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99955 MHz	-31.81 dBm	-18.81 dB
699.000 MHz	701.000 MHz	100.000 kHz	700.04795 MHz	10.98 dBm	-19.02 dB

Date: 11.JUN.2014 14:21:38

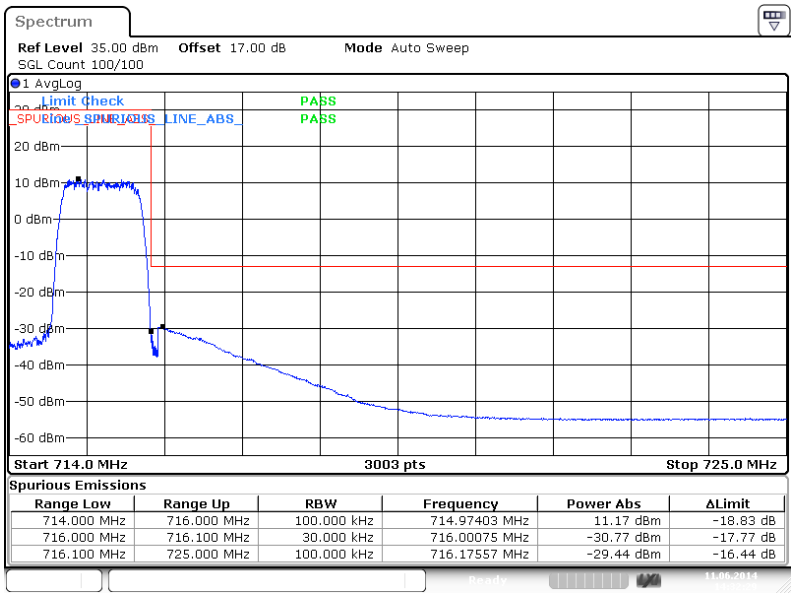
Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 5



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.75125 MHz	19.58 dBm	-10.42 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00445 MHz	-24.78 dBm	-11.78 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.96 dBm	-15.96 dB

Date: 11.JUN.2014 14:28:04

Higher Band Edge Plot for 16QAM-RB Size 6, RB Offset 0

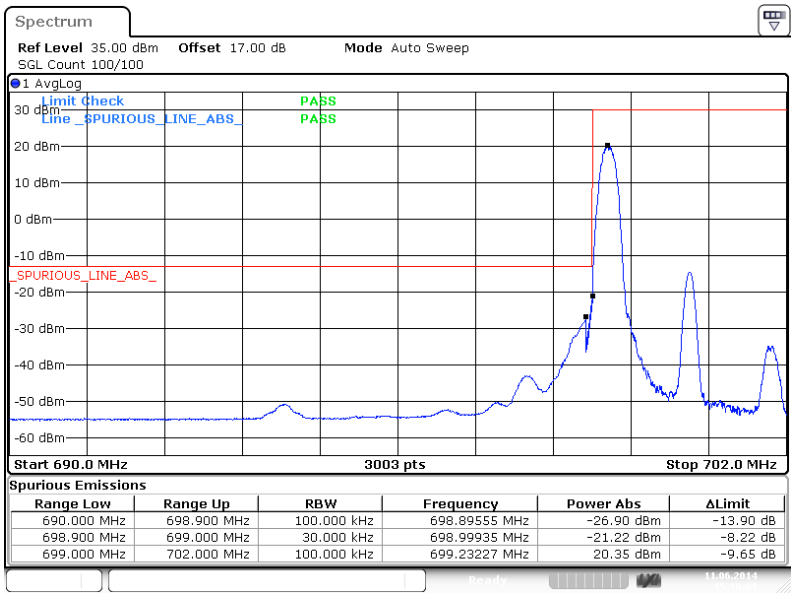


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	714.97403 MHz	11.17 dBm	-18.83 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00075 MHz	-30.77 dBm	-17.77 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.17557 MHz	-29.44 dBm	-16.44 dB

Date: 11.JUN.2014 14:32:29

Band :	LTE Band 12	Band Width :	3MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

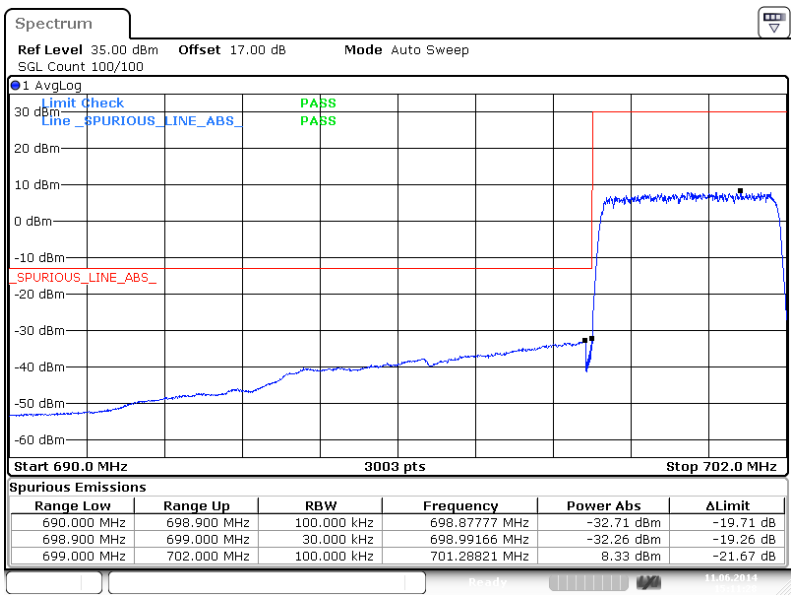


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-26.90 dBm	-13.90 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99935 MHz	-21.22 dBm	-8.22 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.23227 MHz	20.35 dBm	-9.65 dB

Date: 11.JUN.2014 15:10:02

Lower Band Edge Plot for QPSK-RB Size 15, RB Offset 0

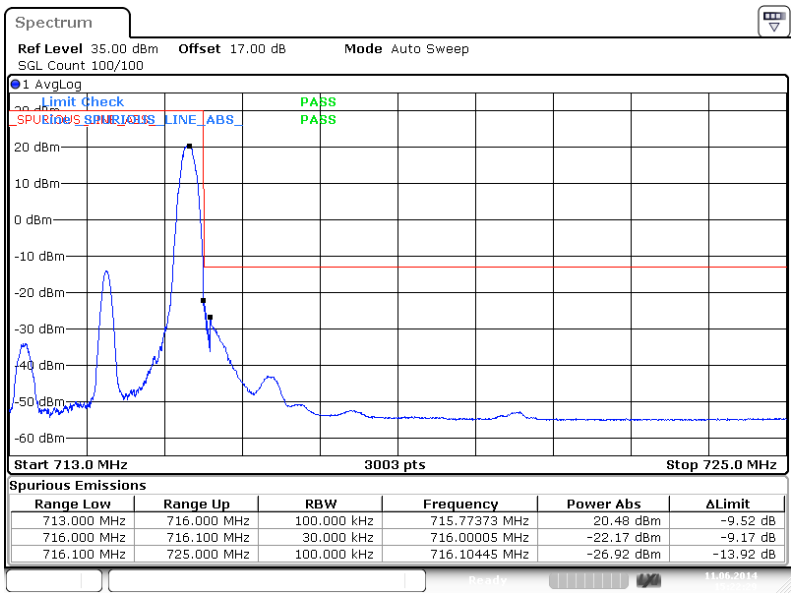


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.87777 MHz	-32.71 dBm	-19.71 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99166 MHz	-32.26 dBm	-19.26 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.28821 MHz	8.33 dBm	-21.67 dB

Date: 11.JUN.2014 15:11:28

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 14

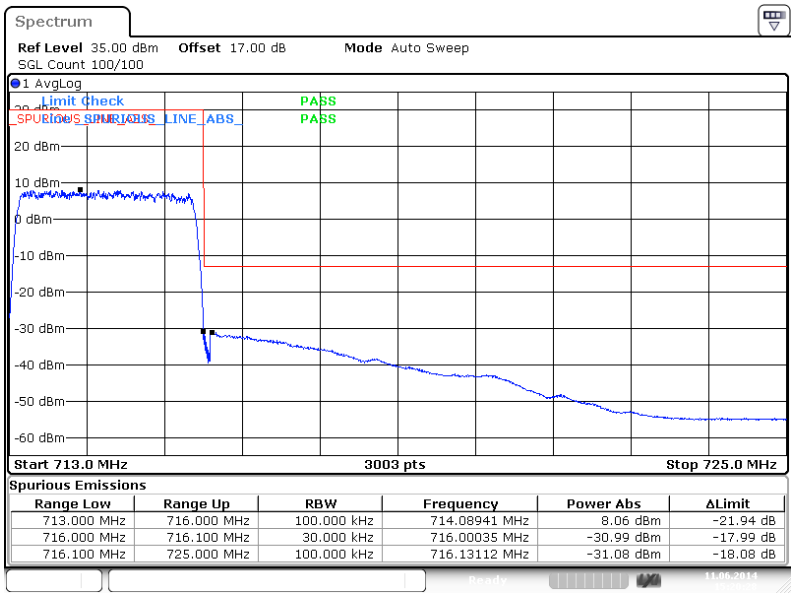


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.77373 MHz	20.48 dBm	-9.52 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00005 MHz	-22.17 dBm	-9.17 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-26.92 dBm	-13.92 dB

Date: 11.JUN.2014 15:22:29

Higher Band Edge Plot for QPSK-RB Size 15, RB Offset 0



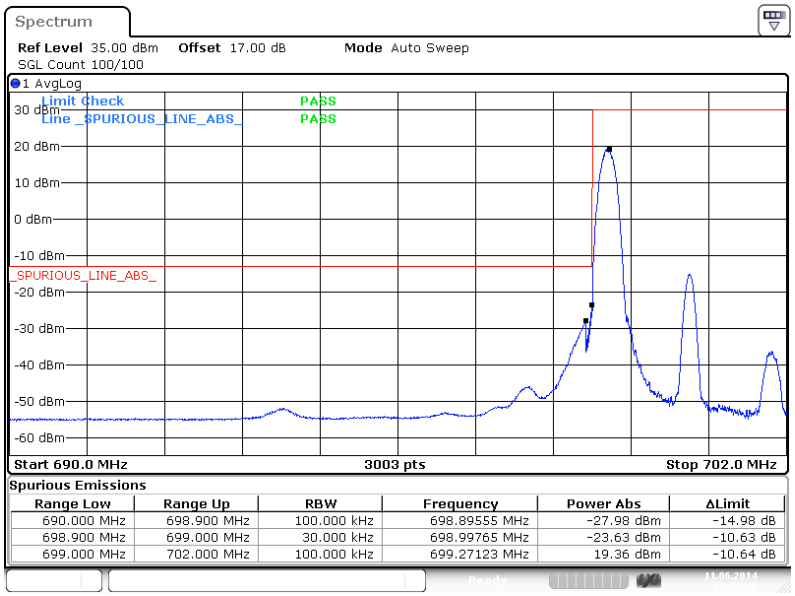
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	714.08941 MHz	8.06 dBm	-21.94 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00035 MHz	-30.99 dBm	-17.99 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.13112 MHz	-31.08 dBm	-18.08 dB

Date: 11.JUN.2014 15:20:28

Band :	LTE Band 12	Band Width :	3MHz /16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

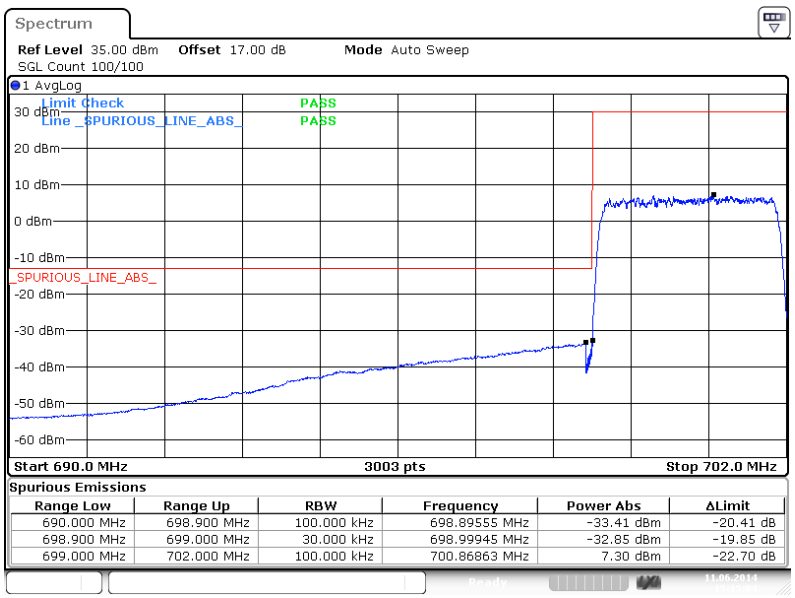


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.98 dBm	-14.98 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99765 MHz	-23.63 dBm	-10.63 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.27123 MHz	19.36 dBm	-10.64 dB

Date: 11.JUN.2014 15:08:49

Lower Band Edge Plot for 16QAM-RB Size 15, RB Offset 0

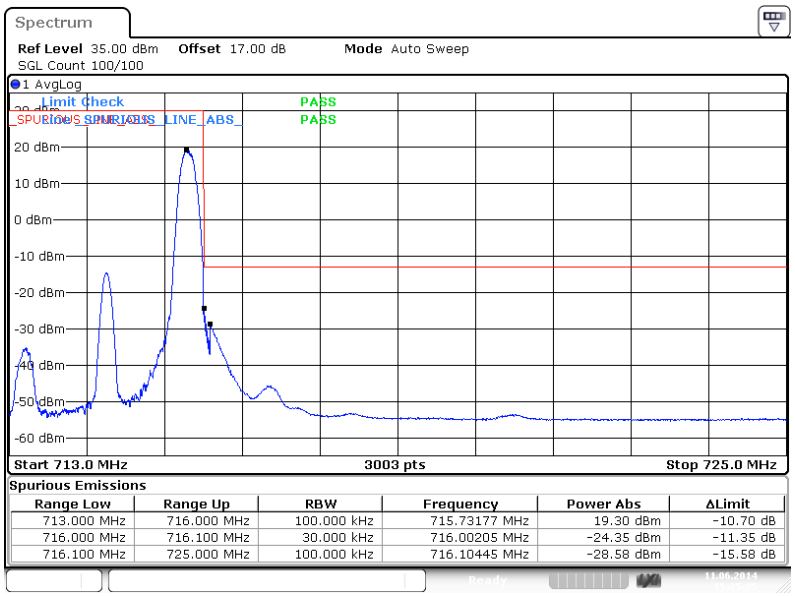


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-33.41 dBm	-20.41 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99945 MHz	-32.85 dBm	-19.85 dB
699.000 MHz	702.000 MHz	100.000 kHz	700.86863 MHz	7.30 dBm	-22.70 dB

Date: 11.JUN.2014 15:15:04

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 14

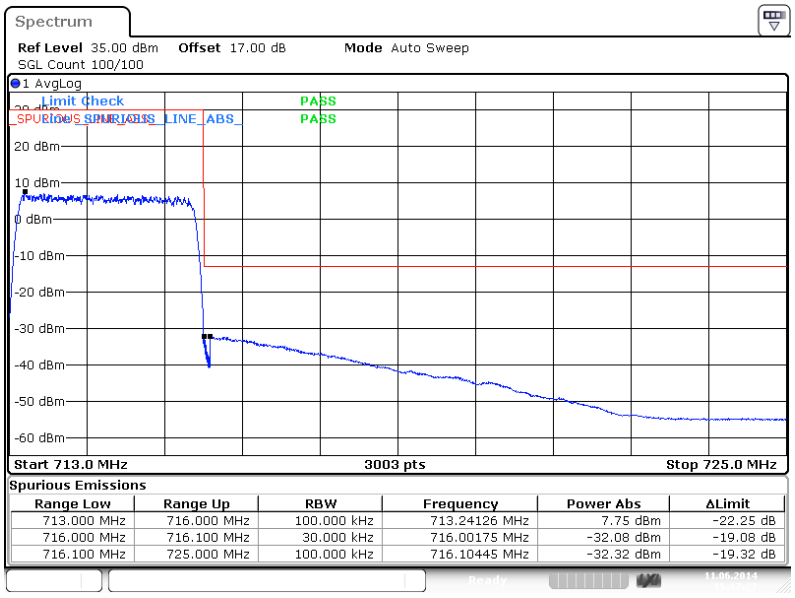


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.73177 MHz	19.30 dBm	-10.70 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00205 MHz	-24.35 dBm	-11.35 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.58 dBm	-15.58 dB

Date: 11.JUN.2014 15:25:25

Higher Band Edge Plot for 16QAM-RB Size 15, RB Offset 0



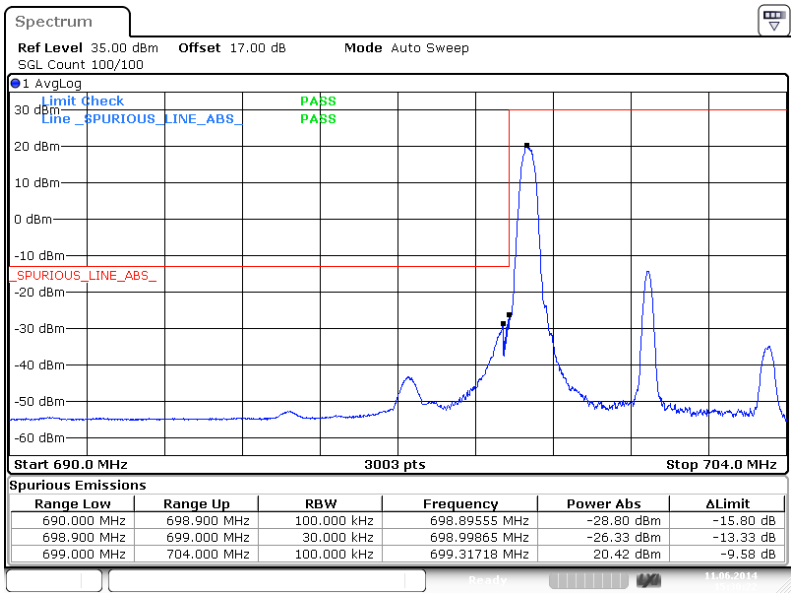
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.24126 MHz	7.75 dBm	-22.25 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00175 MHz	-32.08 dBm	-19.08 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.32 dBm	-19.32 dB

Date: 11.JUN.2014 15:17:27

Band :	LTE Band 12	Band Width :	5MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

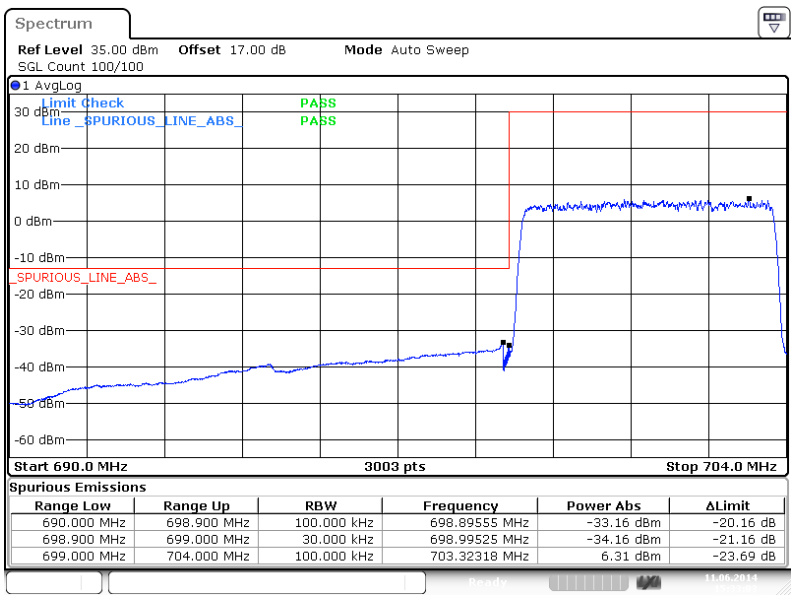


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.80 dBm	-15.80 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99865 MHz	-26.33 dBm	-13.33 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.31718 MHz	20.42 dBm	-9.58 dB

Date: 11.JUN.2014 15:30:23

Lower Band Edge Plot for QPSK-RB Size 25, RB Offset 0

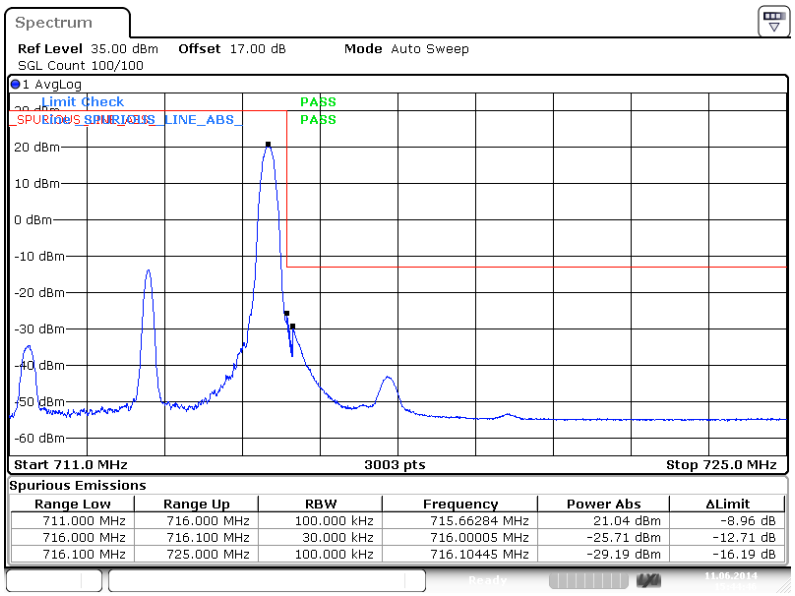


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-33.16 dBm	-20.16 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99525 MHz	-34.16 dBm	-21.16 dB
699.000 MHz	704.000 MHz	100.000 kHz	703.32318 MHz	6.31 dBm	-23.69 dB

Date: 11.JUN.2014 15:33:03

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 24

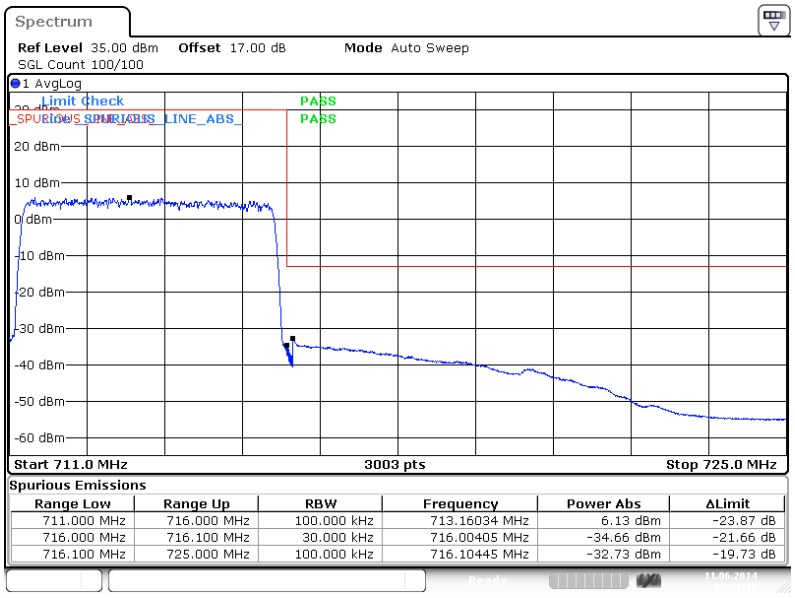


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.66284 MHz	21.04 dBm	-8.96 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00005 MHz	-25.71 dBm	-12.71 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.19 dBm	-16.19 dB

Date: 11.JUN.2014 15:44:47

Higher Band Edge Plot for QPSK-RB Size 25, RB Offset 0



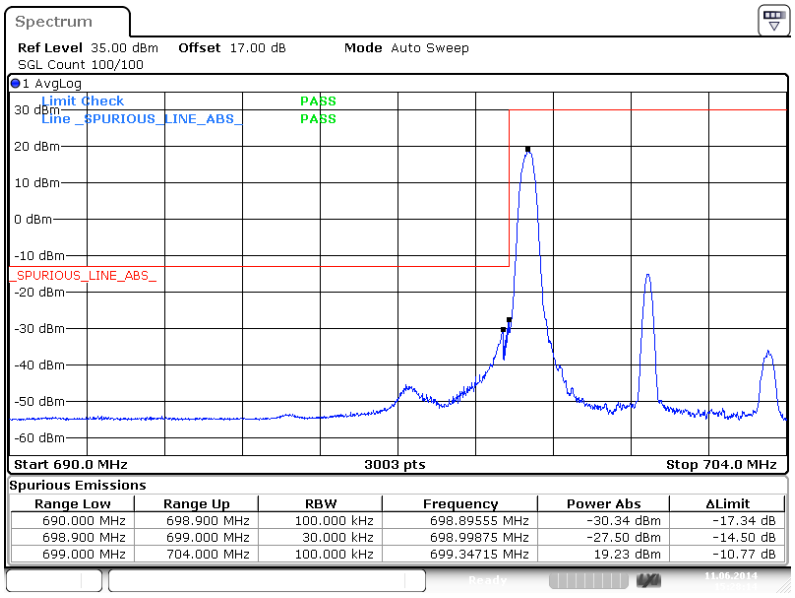
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	713.16034 MHz	6.13 dBm	-23.87 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00405 MHz	-34.66 dBm	-21.66 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.73 dBm	-19.73 dB

Date: 11.JUN.2014 15:41:19

Band :	LTE Band 12	Band Width :	5MHz /16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

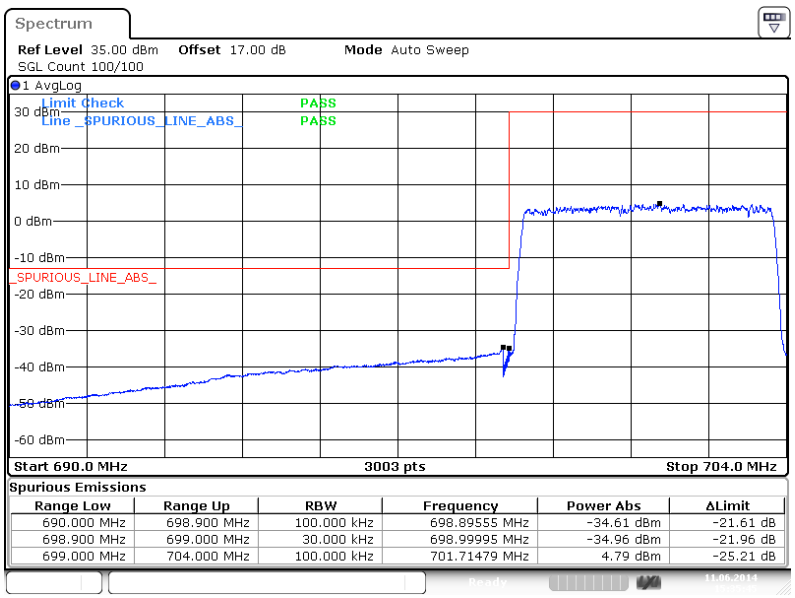


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.34 dBm	-17.34 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99875 MHz	-27.50 dBm	-14.50 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.34715 MHz	19.23 dBm	-10.77 dB

Date: 11.JUN.2014 15:28:14

Lower Band Edge Plot for 16QAM-RB Size 25, RB Offset 0

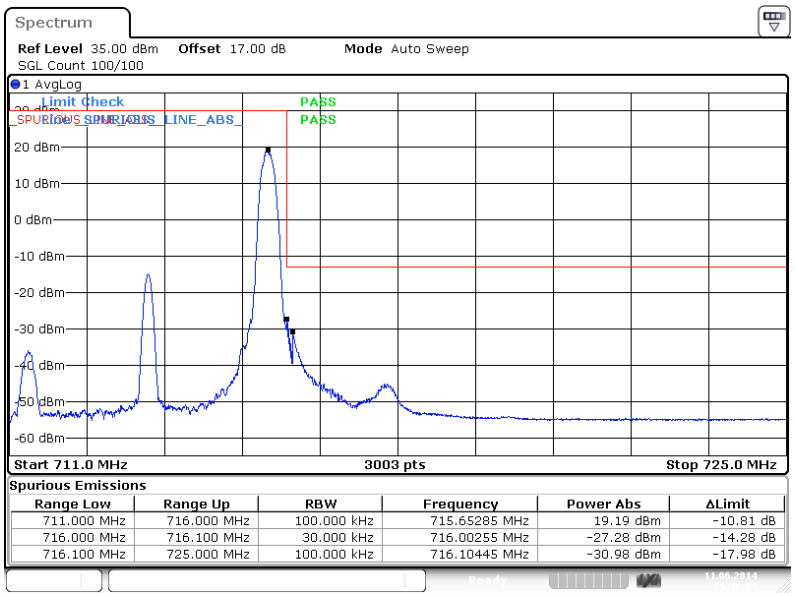


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-34.61 dBm	-21.61 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-34.96 dBm	-21.96 dB
699.000 MHz	704.000 MHz	100.000 kHz	701.71479 MHz	4.79 dBm	-25.21 dB

Date: 11.JUN.2014 15:35:45

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 24

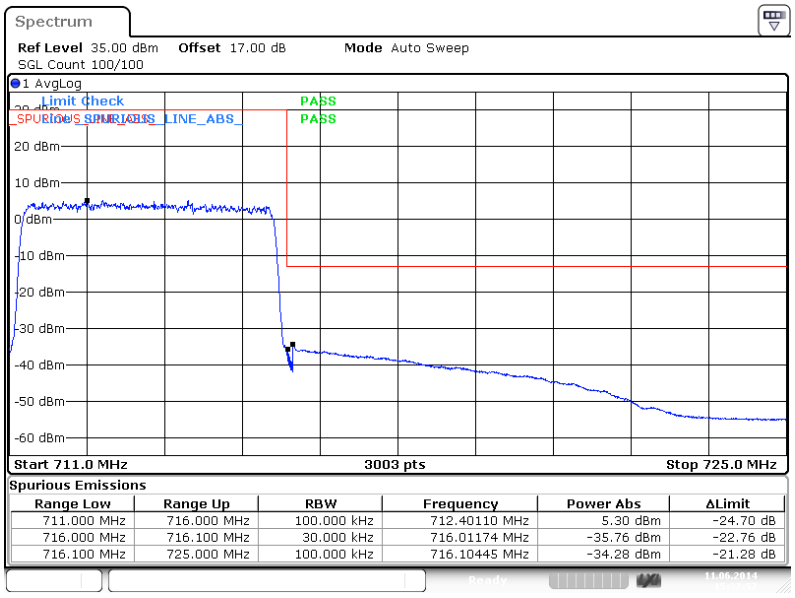


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.65285 MHz	19.19 dBm	-10.81 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00255 MHz	-27.28 dBm	-14.28 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.98 dBm	-17.98 dB

Date: 11.JUN.2014 15:46:32

Higher Band Edge Plot for 16QAM-RB Size 25, RB Offset 0



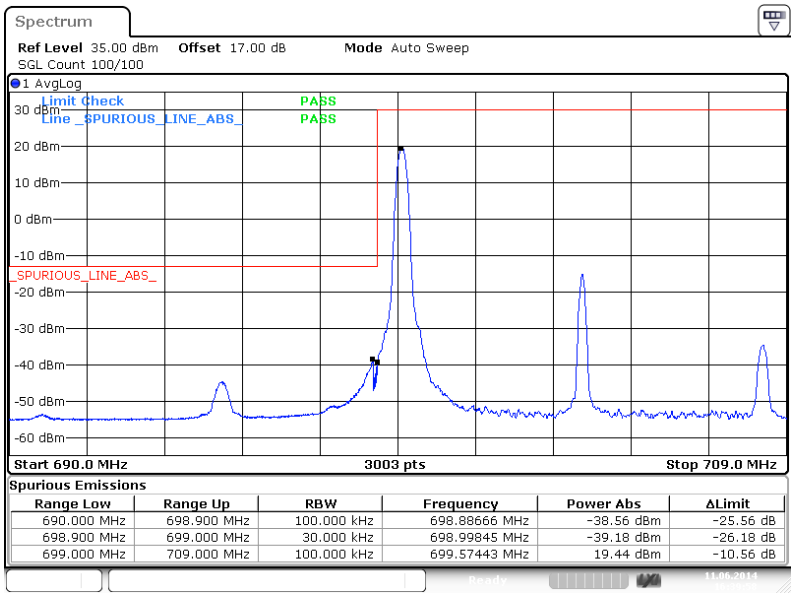
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	712.40110 MHz	5.30 dBm	-24.70 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01174 MHz	-35.76 dBm	-22.76 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.28 dBm	-21.28 dB

Date: 11.JUN.2014 15:37:57

Band :	LTE Band 12	Band Width :	10MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

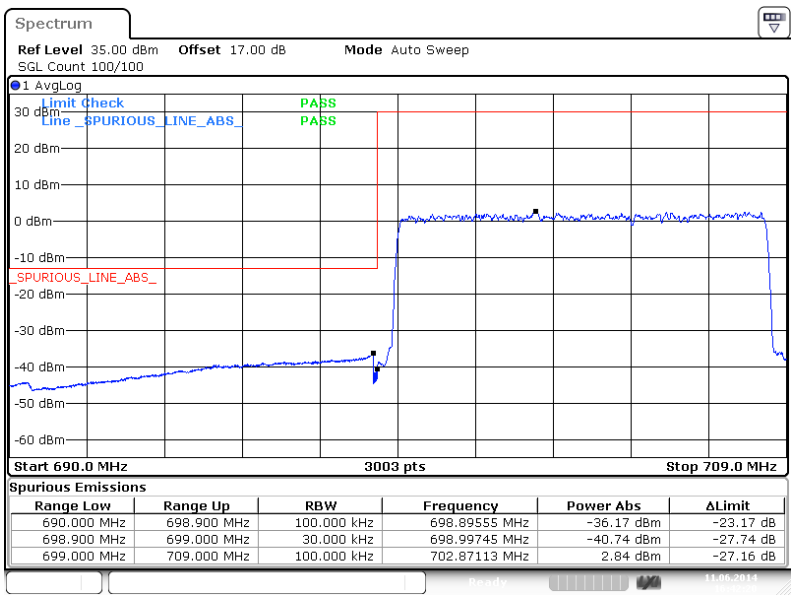


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-38.56 dBm	-25.56 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99845 MHz	-39.18 dBm	-26.18 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.57443 MHz	19.44 dBm	-10.56 dB

Date: 11.JUN.2014 16:39:59

Lower Band Edge Plot for QPSK-RB Size 50, RB Offset 0

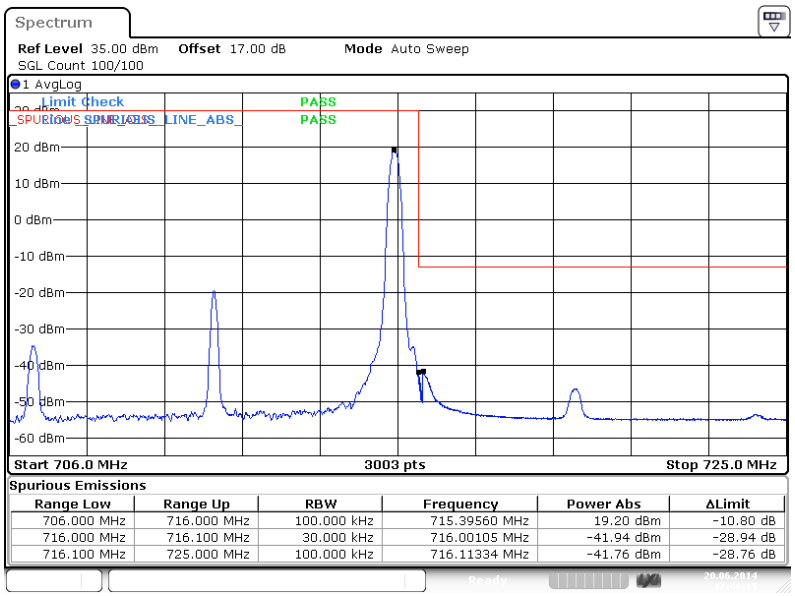


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-36.17 dBm	-23.17 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99745 MHz	-40.74 dBm	-27.74 dB
699.000 MHz	709.000 MHz	100.000 kHz	702.87113 MHz	2.84 dBm	-27.16 dB

Date: 11.JUN.2014 16:42:21

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 49

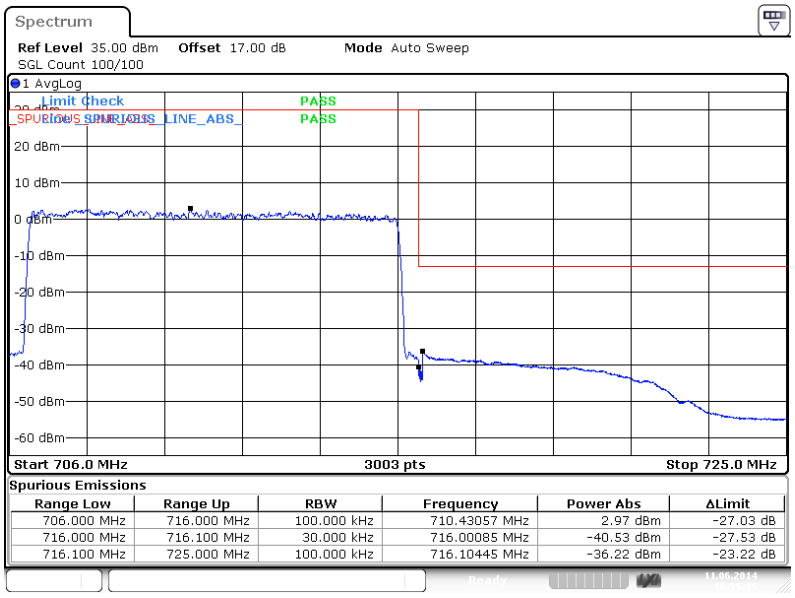


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.39560 MHz	19.20 dBm	-10.80 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00105 MHz	-41.94 dBm	-28.94 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-41.76 dBm	-28.76 dB

Date: 20.JUN.2014 17:46:15

Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0



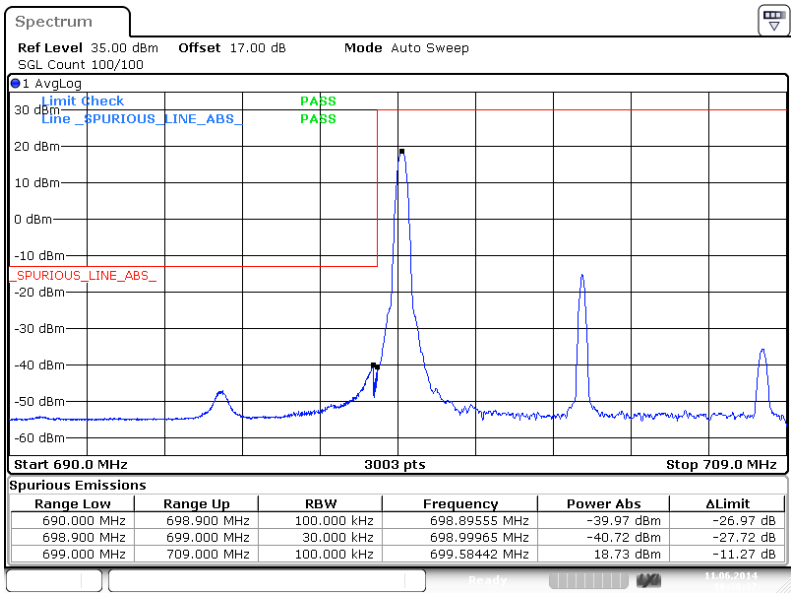
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	710.43057 MHz	2.97 dBm	-27.03 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00085 MHz	-40.53 dBm	-27.53 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-36.22 dBm	-23.22 dB

Date: 11.JUN.2014 16:55:35

Band :	LTE Band 12	Band Width :	10MHz /16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

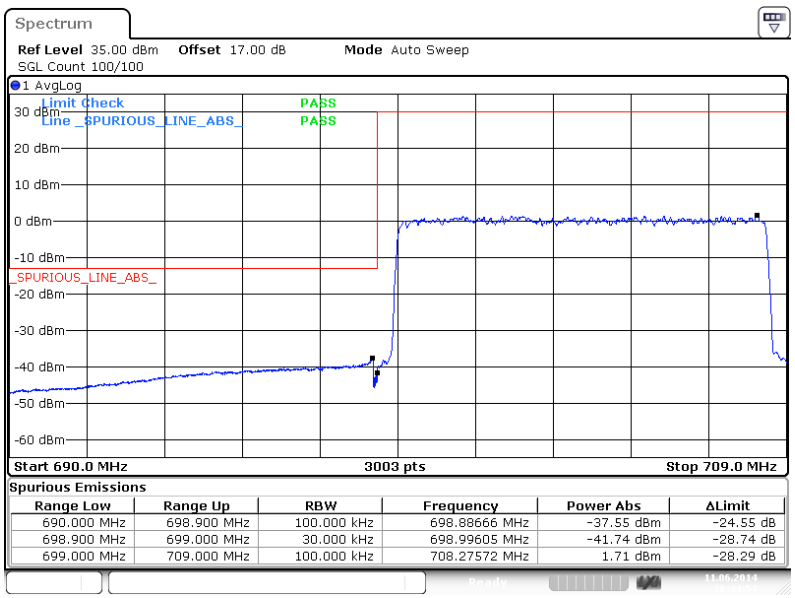


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-39.97 dBm	-26.97 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99965 MHz	-40.72 dBm	-27.72 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.58442 MHz	18.73 dBm	-11.27 dB

Date: 11.JUN.2014 16:38:37

Lower Band Edge Plot for 16QAM-RB Size 50, RB Offset 0

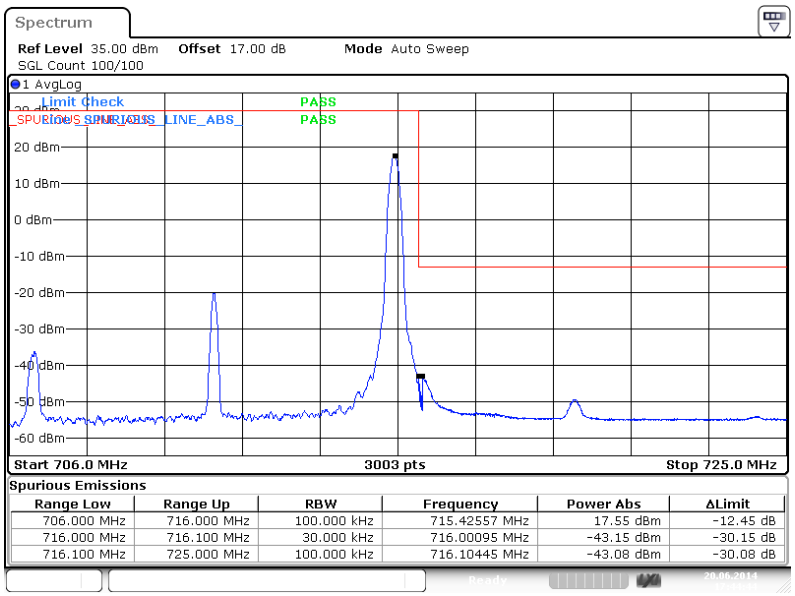


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-37.55 dBm	-24.55 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99605 MHz	-41.74 dBm	-28.74 dB
699.000 MHz	709.000 MHz	100.000 kHz	708.27572 MHz	1.71 dBm	-28.29 dB

Date: 11.JUN.2014 16:44:55

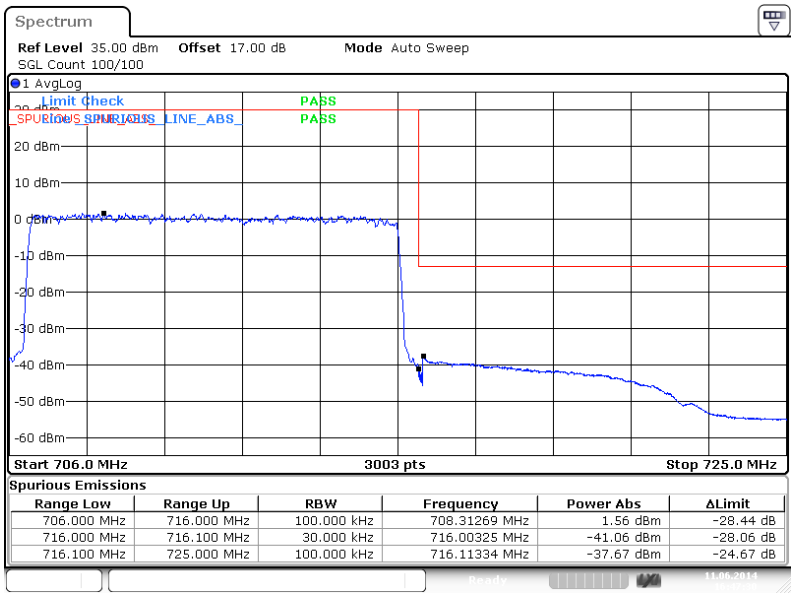
Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 49



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.42557 MHz	17.55 dBm	-12.45 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00095 MHz	-43.15 dBm	-30.15 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-43.08 dBm	-30.08 dB

Date: 20.JUN.2014 17:44:43

Higher Band Edge Plot for 16QAM-RB Size 50, RB Offset 0

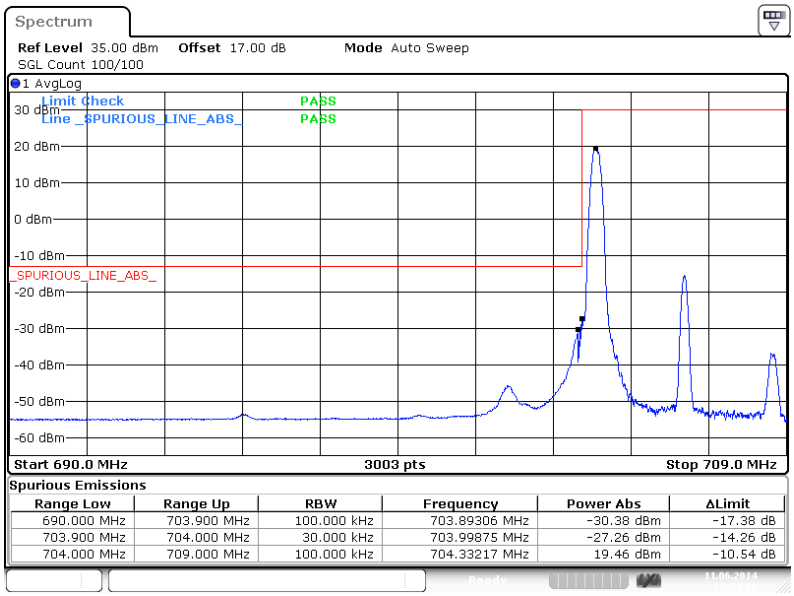


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	708.31269 MHz	1.56 dBm	-28.44 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00325 MHz	-41.06 dBm	-28.06 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-37.67 dBm	-24.67 dB

Date: 11.JUN.2014 16:47:31

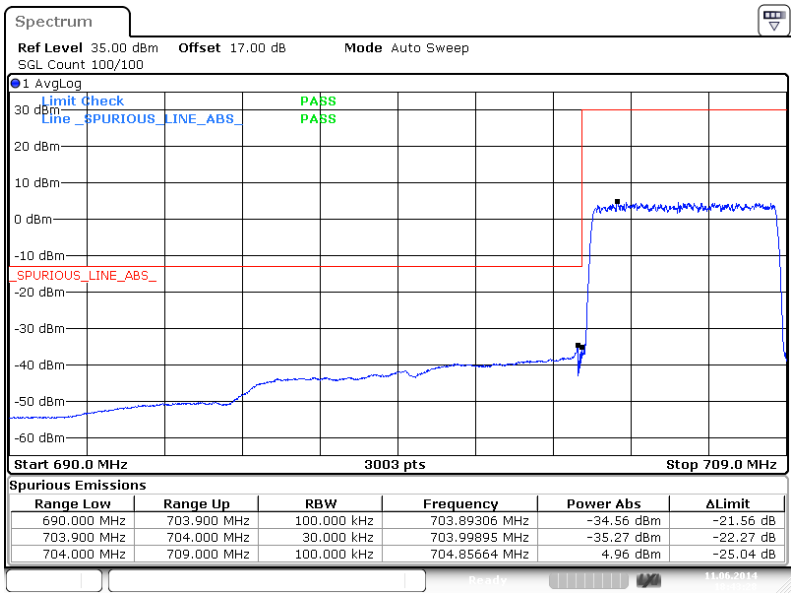
Band :	LTE Band 17	Band Width :	5MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



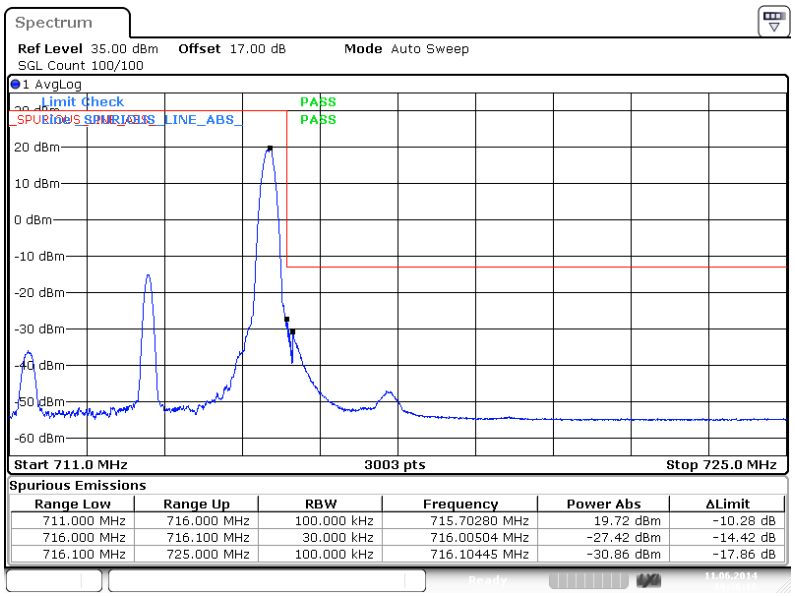
Date: 11.JUN.2014 19:34:08

Lower Band Edge Plot for QPSK-RB Size 25, RB Offset 0



Date: 11.JUN.2014 18:43:29

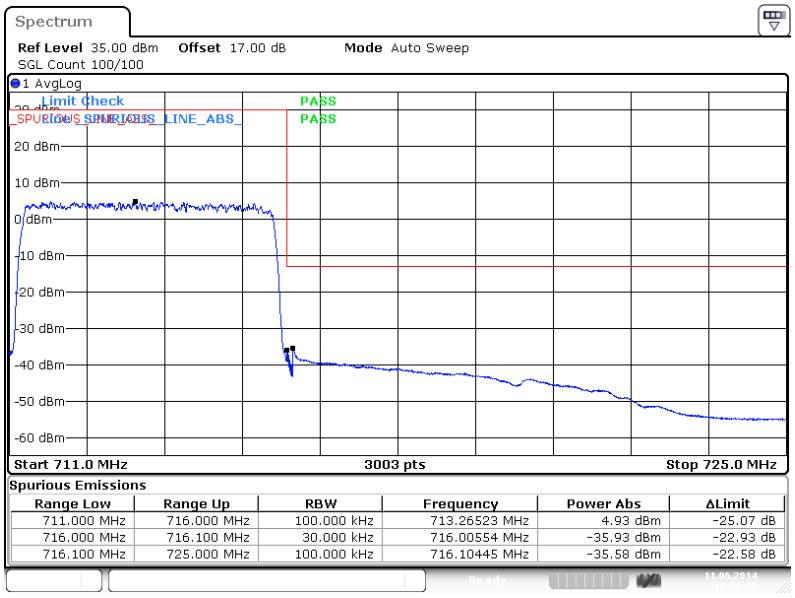
Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 24



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.70280 MHz	19.72 dBm	-10.28 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00504 MHz	-27.42 dBm	-14.42 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.86 dBm	-17.86 dB

Date: 11.JUN.2014 19:36:18

Higher Band Edge Plot for QPSK-RB Size 25, RB Offset 0

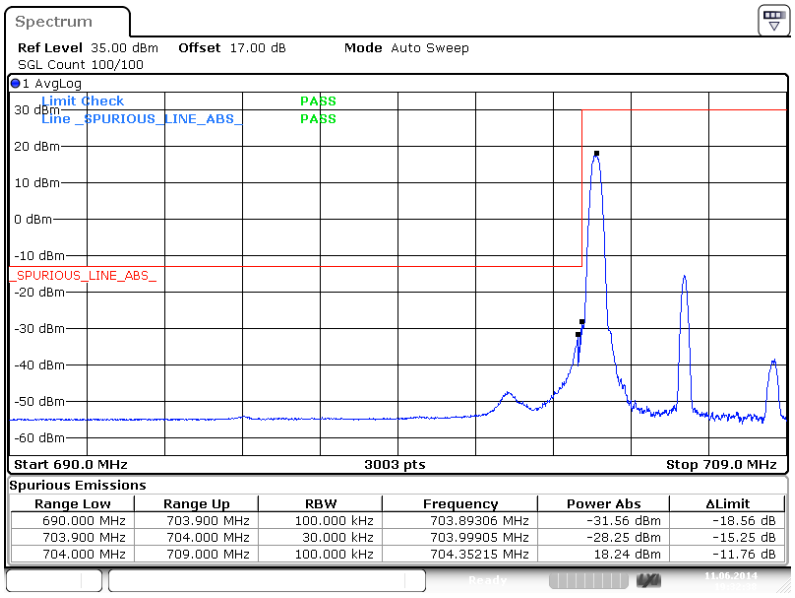


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	713.26523 MHz	4.93 dBm	-25.07 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00554 MHz	-35.93 dBm	-22.93 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-35.58 dBm	-22.58 dB

Date: 11.JUN.2014 18:56:29

Band :	LTE Band 17	Band Width :	5MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

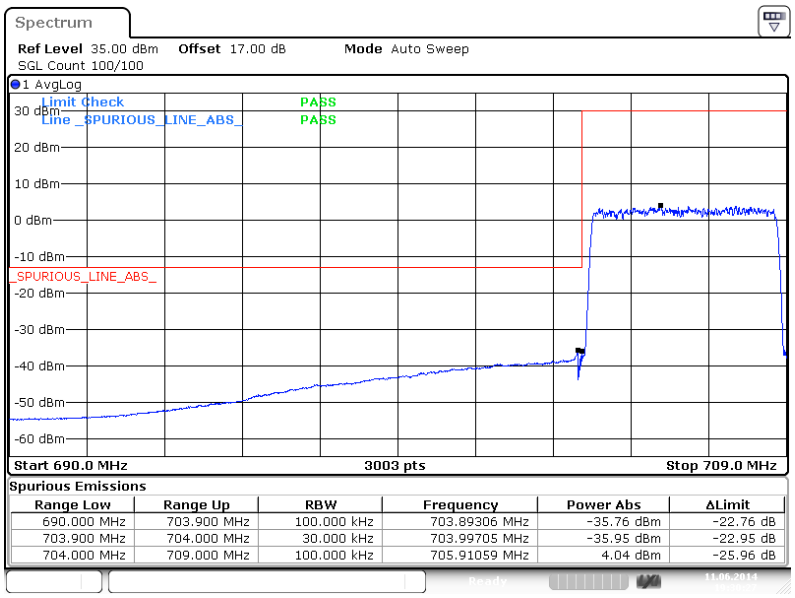


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-31.56 dBm	-18.56 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99905 MHz	-28.25 dBm	-15.25 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.35215 MHz	18.24 dBm	-11.76 dB

Date: 11.JUN.2014 19:32:38

Lower Band Edge Plot for 16QAM-RB Size 25, RB Offset 0

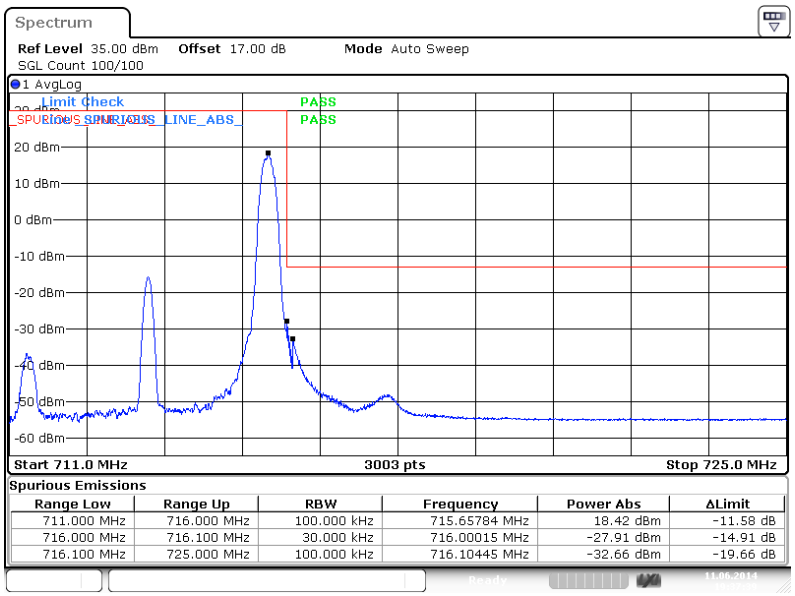


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-35.76 dBm	-22.76 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99705 MHz	-35.95 dBm	-22.95 dB
704.000 MHz	709.000 MHz	100.000 kHz	705.91059 MHz	4.04 dBm	-25.96 dB

Date: 11.JUN.2014 19:30:27

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 24

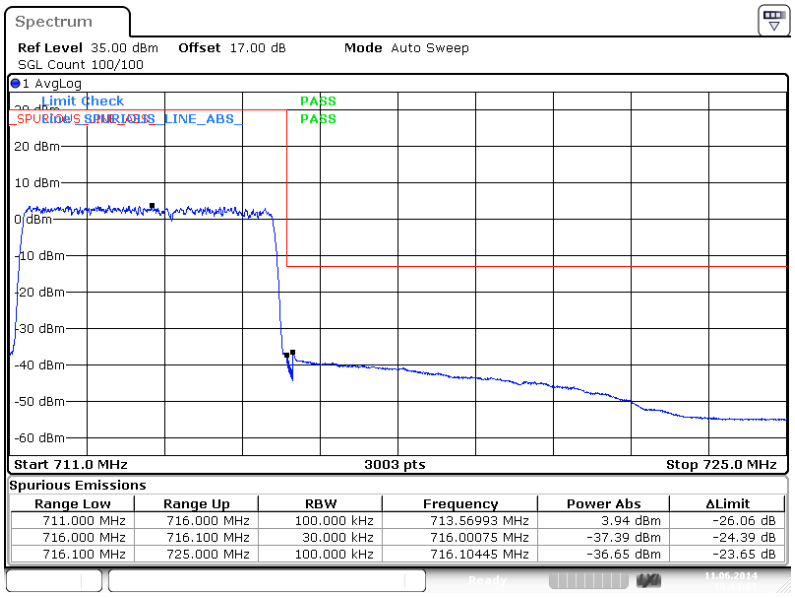


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.65784 MHz	18.42 dBm	-11.58 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00015 MHz	-27.91 dBm	-14.91 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.66 dBm	-19.66 dB

Date: 11.JUN.2014 19:37:39

Higher Band Edge Plot for 16QAM-RB Size 25, RB Offset 0



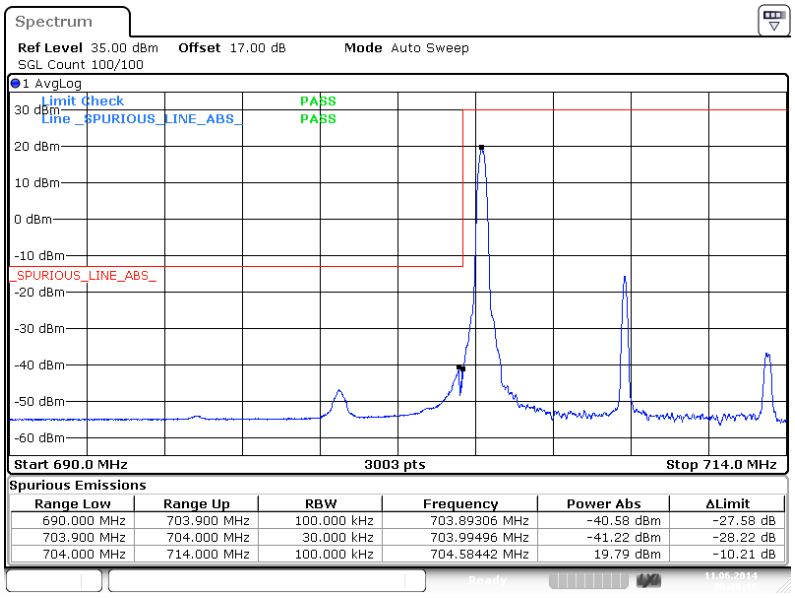
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	713.56993 MHz	3.94 dBm	-26.06 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00075 MHz	-37.39 dBm	-24.39 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-36.65 dBm	-23.65 dB

Date: 11.JUN.2014 19:13:02

Band :	LTE Band 17	Band Width :	10MHz / QPSK

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

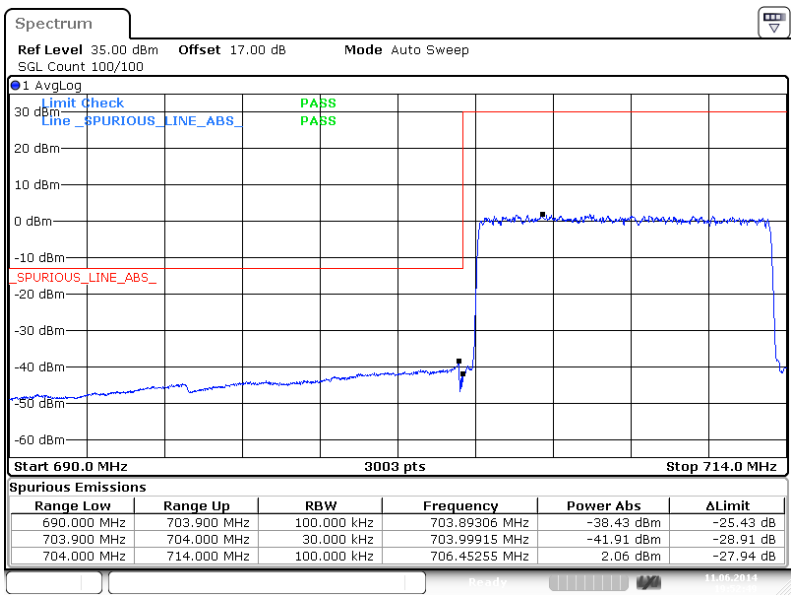


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-40.58 dBm	-27.58 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99496 MHz	-41.22 dBm	-28.22 dB
704.000 MHz	714.000 MHz	100.000 kHz	704.58442 MHz	19.79 dBm	-10.21 dB

Date: 11.JUN.2014 20:28:19

Lower Band Edge Plot for QPSK-RB Size 50, RB Offset 0

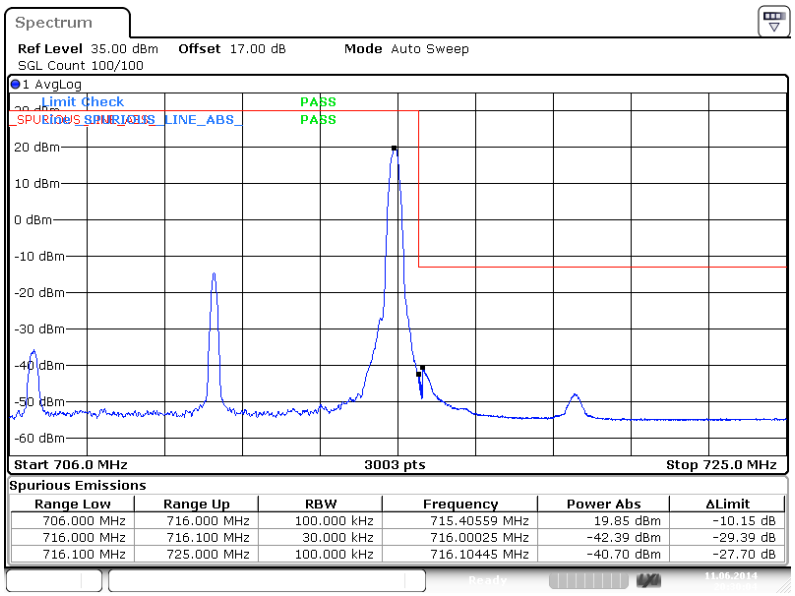


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-38.43 dBm	-25.43 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99915 MHz	-41.91 dBm	-28.91 dB
704.000 MHz	714.000 MHz	100.000 kHz	706.45255 MHz	2.06 dBm	-27.94 dB

Date: 11.JUN.2014 19:52:50

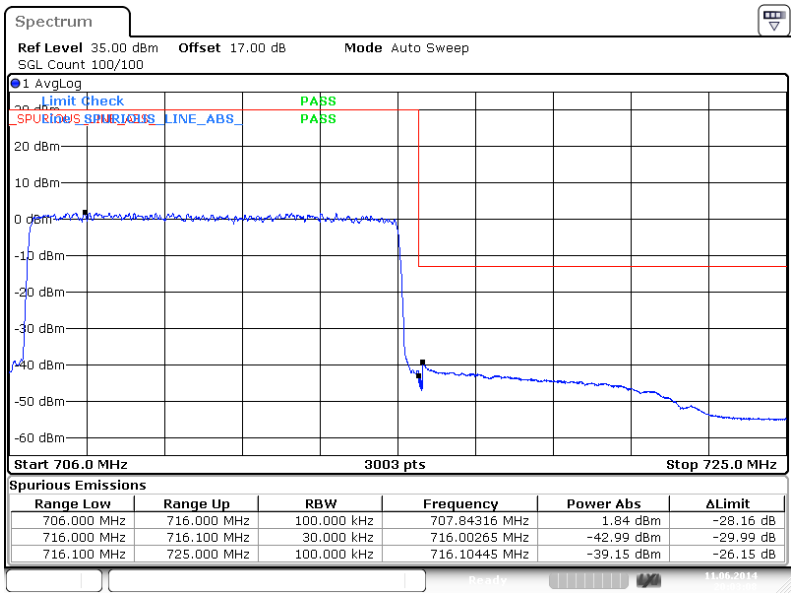
Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 49



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.40559 MHz	19.85 dBm	-10.15 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00025 MHz	-42.39 dBm	-29.39 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-40.70 dBm	-27.70 dB

Date: 11.JUN.2014 20:30:04

Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0

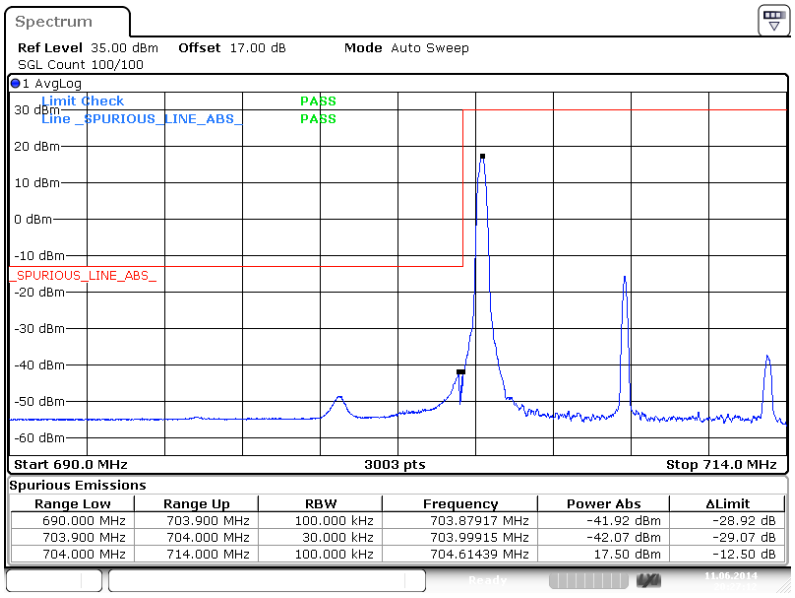


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	707.84316 MHz	1.84 dBm	-28.16 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00265 MHz	-42.99 dBm	-29.99 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-39.15 dBm	-26.15 dB

Date: 11.JUN.2014 20:03:08

Band :	LTE Band 17	Band Width :	10MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0

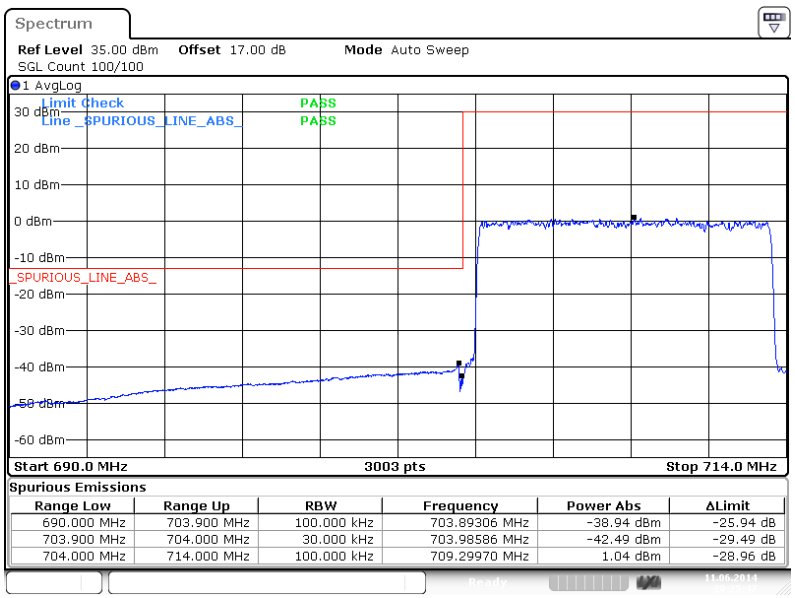


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.87917 MHz	-41.92 dBm	-28.92 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99915 MHz	-42.07 dBm	-29.07 dB
704.000 MHz	714.000 MHz	100.000 kHz	704.61439 MHz	17.50 dBm	-12.50 dB

Date: 11.JUN.2014 20:27:12

Lower Band Edge Plot for 16QAM-RB Size 50, RB Offset 0

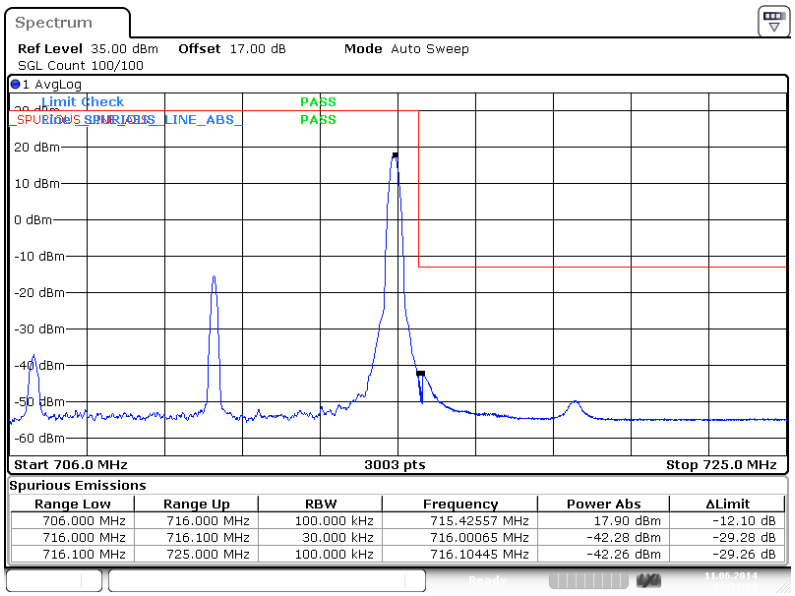


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-38.94 dBm	-25.94 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.98586 MHz	-42.49 dBm	-29.49 dB
704.000 MHz	714.000 MHz	100.000 kHz	709.29970 MHz	1.04 dBm	-28.96 dB

Date: 11.JUN.2014 20:25:47

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 49

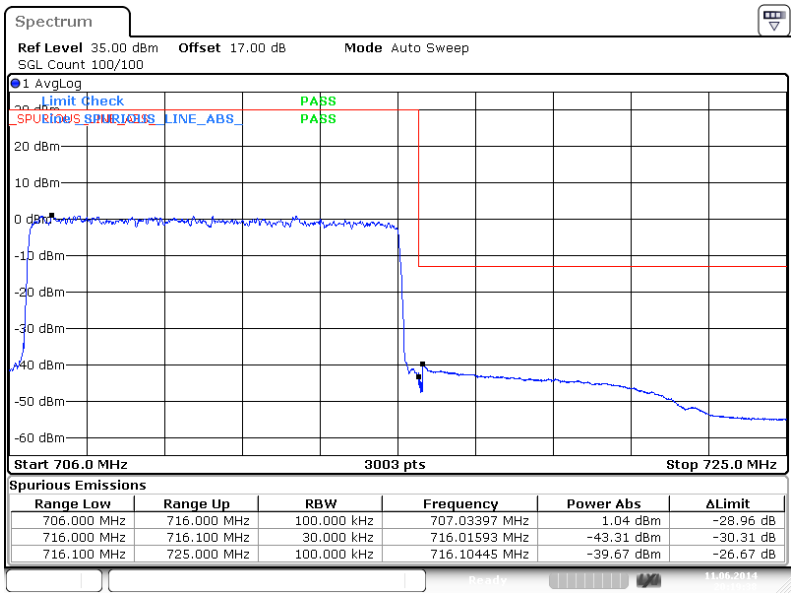


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.42557 MHz	17.90 dBm	-12.10 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00065 MHz	-42.28 dBm	-29.28 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-42.26 dBm	-29.26 dB

Date: 11.JUN.2014 20:31:03

Higher Band Edge Plot for 16QAM-RB Size 50, RB Offset 0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	707.03397 MHz	1.04 dBm	-28.96 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01593 MHz	-43.31 dBm	-30.31 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-39.67 dBm	-26.67 dB

Date: 11.JUN.2014 20:19:39

3.6 Conducted Spurious Emission Measurement

3.6.1 Description of Conducted Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

For Band 7

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 55 + 10 log (P) dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30MHz up to a frequency including its 10th harmonic.

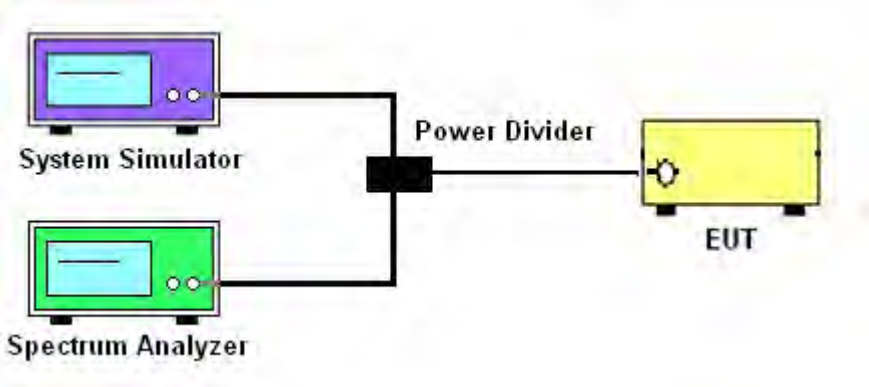
3.6.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.6.3 Test Procedures

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. The middle channel for the highest RF power within the transmitting frequency was measured.
4. The conducted spurious emission for the whole frequency range was taken.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
   = P(W)- [43 + 10log(P)] (dB)
   = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
   = -13dBm.
8. For Band 7
   The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)

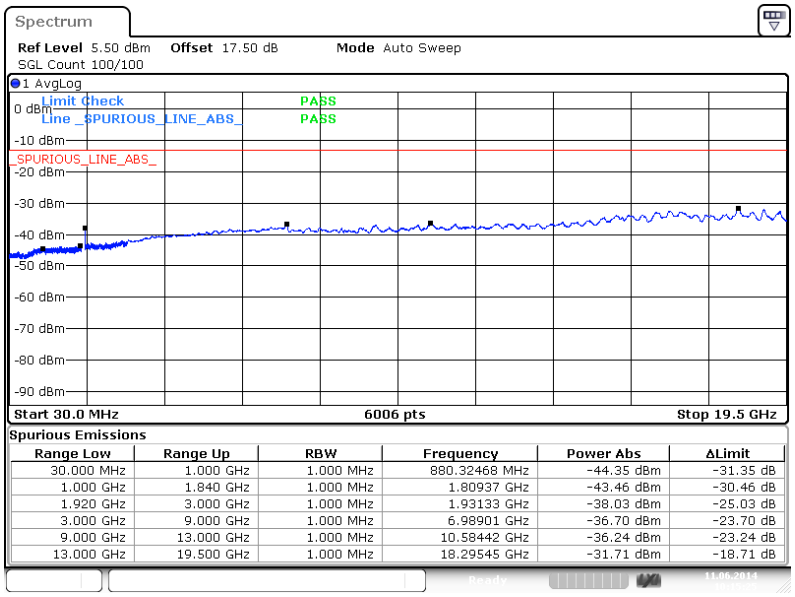
3.6.4 Test Setup



3.6.5 Test Result (Plots) of Conducted Spurious Emission

Band :	LTE Band 2	Channel :	CH18607 (Low)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)

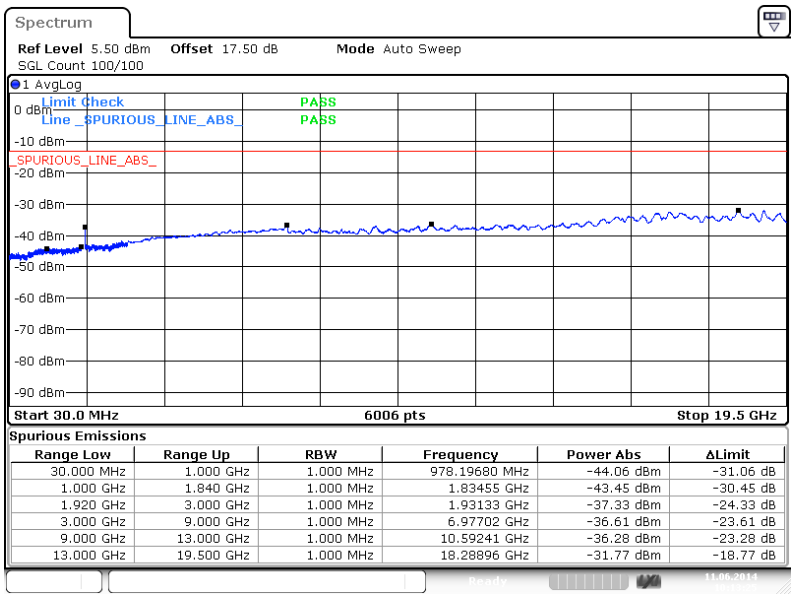


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.32468 MHz	-44.35 dBm	-31.35 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80937 GHz	-43.46 dBm	-30.46 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.93133 GHz	-38.03 dBm	-25.03 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98901 GHz	-36.70 dBm	-23.70 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58442 GHz	-36.24 dBm	-23.24 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.29545 GHz	-31.71 dBm	-18.71 dB

Date: 11.JUN.2014 10:15:26

16QAM (RB Size 1, RB Offset 0)



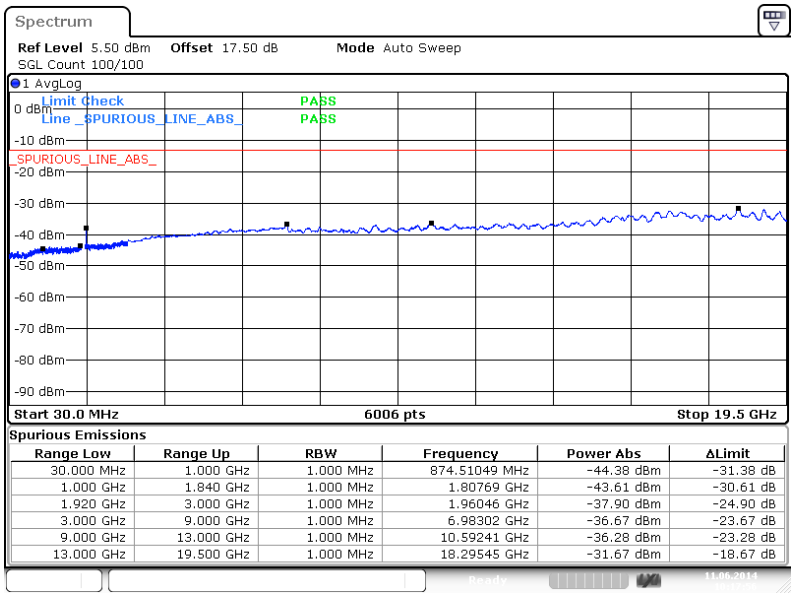
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.19680 MHz	-44.06 dBm	-31.06 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83455 GHz	-43.45 dBm	-30.45 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.93133 GHz	-37.33 dBm	-24.33 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97702 GHz	-36.61 dBm	-23.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59241 GHz	-36.28 dBm	-23.28 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28896 GHz	-31.77 dBm	-18.77 dB

Date: 11.JUN.2014 10:13:26

Band :	LTE Band 2	Channel :	CH18900 (Middle)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)

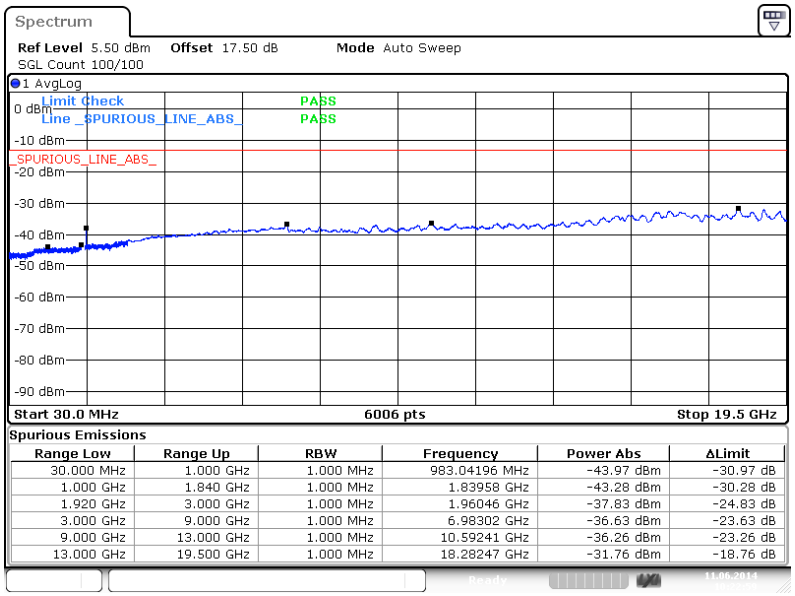


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	874.51049 MHz	-44.38 dBm	-31.38 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80769 GHz	-43.61 dBm	-30.61 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.96046 GHz	-37.90 dBm	-24.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-36.67 dBm	-23.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59241 GHz	-36.28 dBm	-23.28 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.29545 GHz	-31.67 dBm	-18.67 dB

Date: 11.JUN.2014 10:17:57

16QAM (RB Size 1, RB Offset 0)



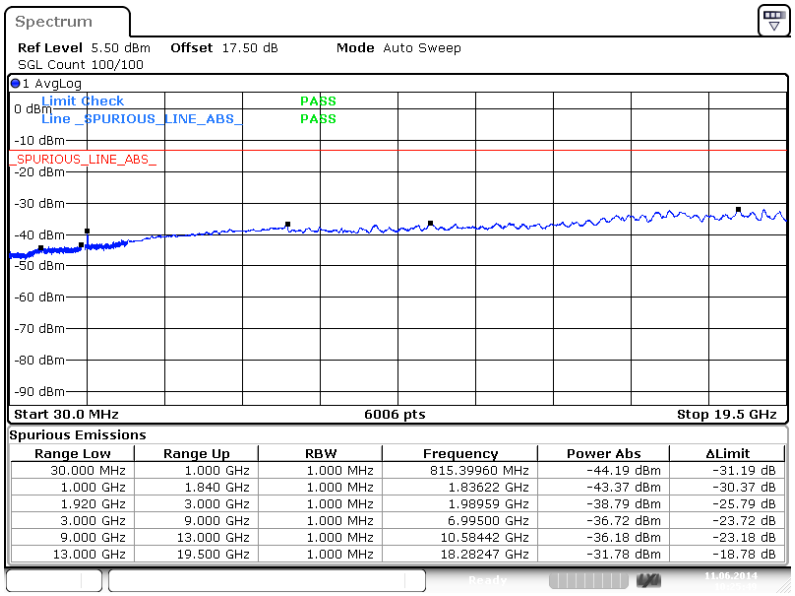
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.04196 MHz	-43.97 dBm	-30.97 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83958 GHz	-43.28 dBm	-30.28 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.96046 GHz	-37.83 dBm	-24.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-36.63 dBm	-23.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59241 GHz	-36.26 dBm	-23.26 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28247 GHz	-31.76 dBm	-18.76 dB

Date: 11.JUN.2014 10:22:59

Band :	LTE Band 2	Channel :	CH19193 (High)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)

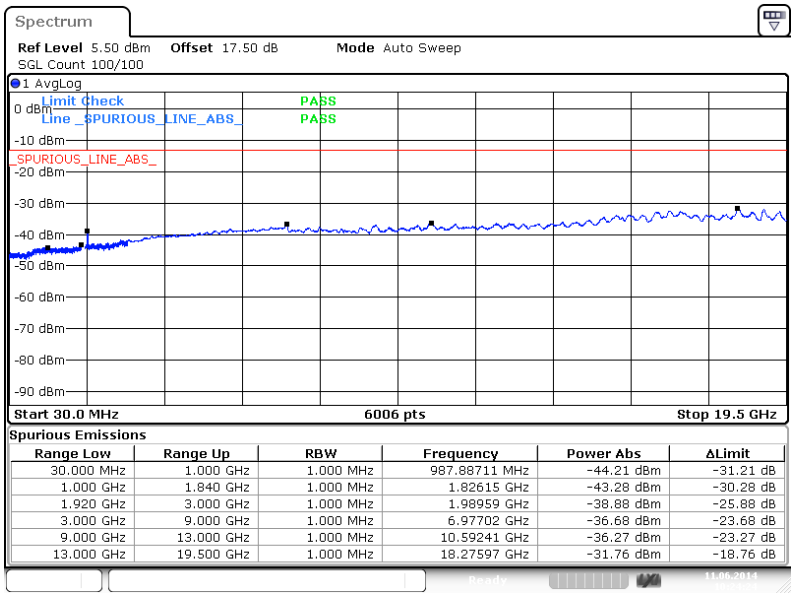


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	815.39960 MHz	-44.19 dBm	-31.19 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83622 GHz	-43.37 dBm	-30.37 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.98959 GHz	-38.79 dBm	-25.79 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99500 GHz	-36.72 dBm	-23.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58442 GHz	-36.18 dBm	-23.18 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28247 GHz	-31.78 dBm	-18.78 dB

Date: 11.JUN.2014 10:25:49

16QAM (RB Size 1, RB Offset 0)



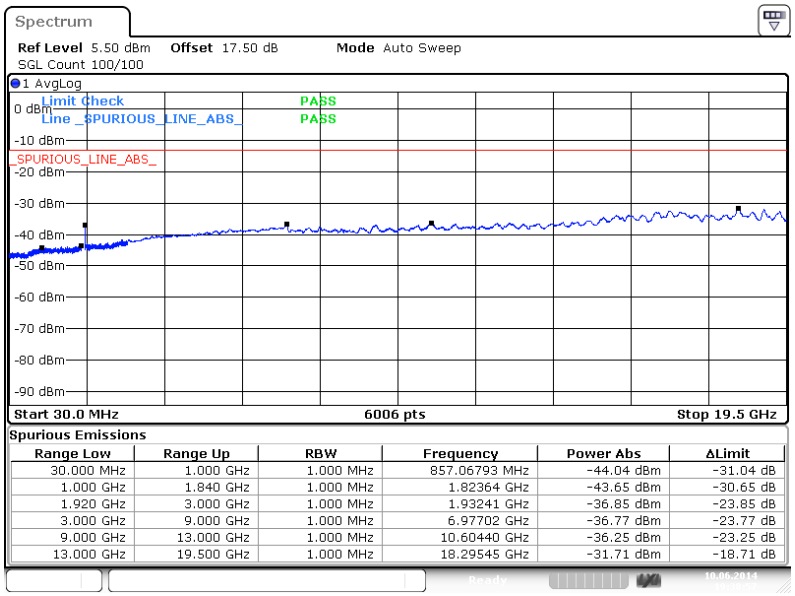
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.88711 MHz	-44.21 dBm	-31.21 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82615 GHz	-43.28 dBm	-30.28 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.98959 GHz	-38.88 dBm	-25.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97702 GHz	-36.68 dBm	-23.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59241 GHz	-36.27 dBm	-23.27 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.27597 GHz	-31.76 dBm	-18.76 dB

Date: 11.JUN.2014 10:24:24

Band :	LTE Band 2	Channel :	CH18615 (Low)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)

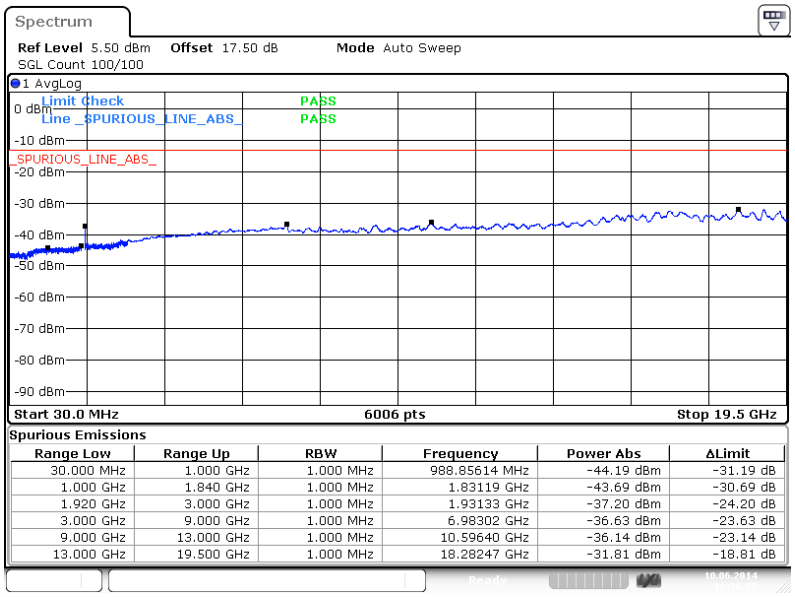


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	857.06793 MHz	-44.04 dBm	-31.04 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82364 GHz	-43.65 dBm	-30.65 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.93241 GHz	-36.85 dBm	-23.85 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97702 GHz	-36.77 dBm	-23.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60440 GHz	-36.25 dBm	-23.25 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.29545 GHz	-31.71 dBm	-18.71 dB

Date: 10.JUN.2014 19:38:57

16QAM (RB Size 1, RB Offset 0)



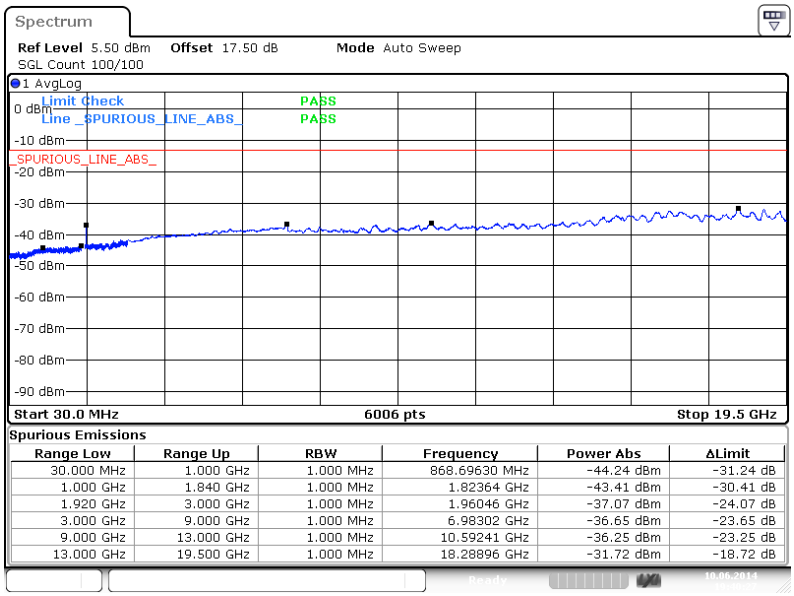
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.85614 MHz	-44.19 dBm	-31.19 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83119 GHz	-43.69 dBm	-30.69 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.93133 GHz	-37.20 dBm	-24.20 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-36.63 dBm	-23.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59640 GHz	-36.14 dBm	-23.14 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28247 GHz	-31.81 dBm	-18.81 dB

Date: 10.JUN.2014 19:36:57

Band :	LTE Band 2	Channel :	CH18900 (Middle)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)

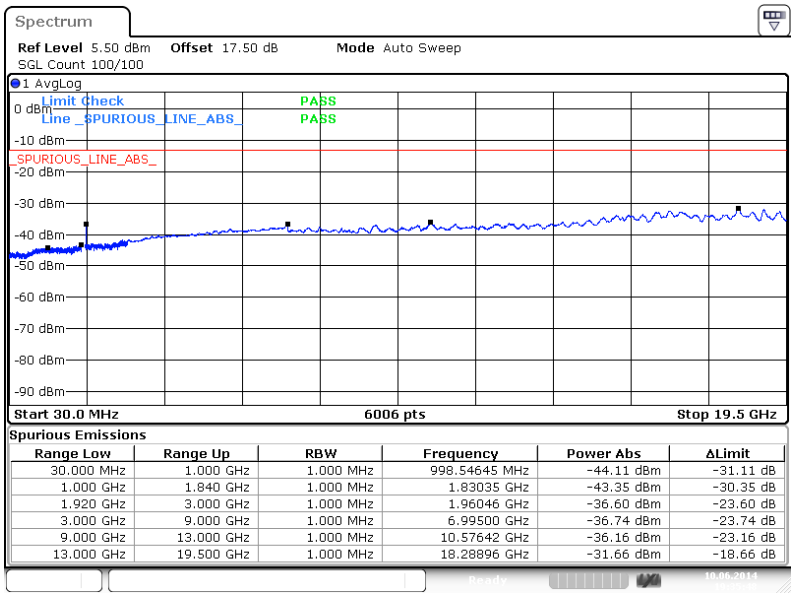


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	868.69630 MHz	-44.24 dBm	-31.24 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82364 GHz	-43.41 dBm	-30.41 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.96046 GHz	-37.07 dBm	-24.07 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-36.65 dBm	-23.65 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59241 GHz	-36.25 dBm	-23.25 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28896 GHz	-31.72 dBm	-18.72 dB

Date: 10.JUN.2014 19:40:27

16QAM (RB Size 1, RB Offset 0)



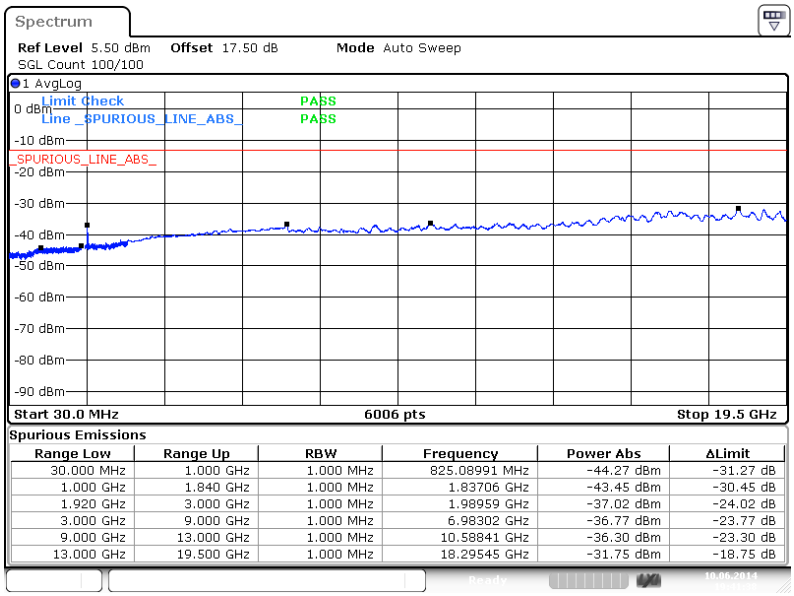
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.54645 MHz	-44.11 dBm	-31.11 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83035 GHz	-43.35 dBm	-30.35 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.96046 GHz	-36.60 dBm	-23.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99500 GHz	-36.74 dBm	-23.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57642 GHz	-36.16 dBm	-23.16 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28896 GHz	-31.66 dBm	-18.66 dB

Date: 10.JUN.2014 19:35:49

Band :	LTE Band 2	Channel :	CH19185 (High)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)

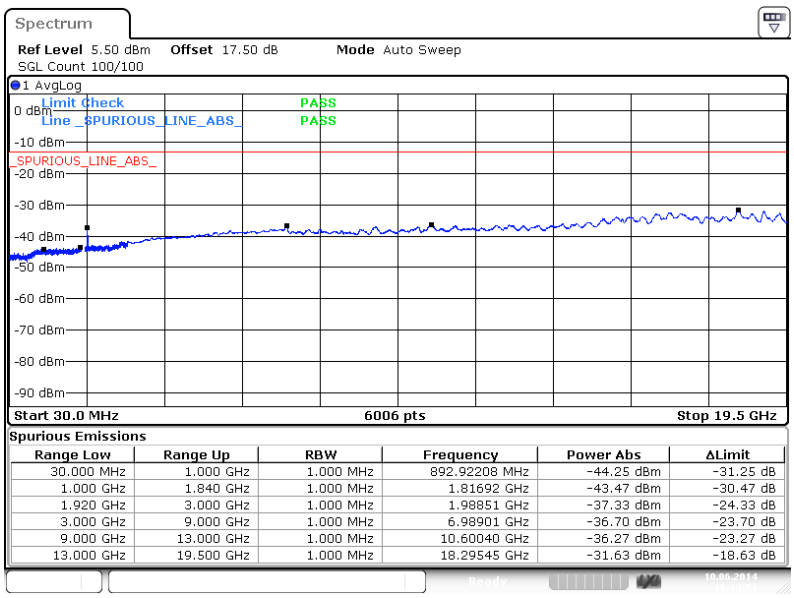


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	825.08991 MHz	-44.27 dBm	-31.27 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83706 GHz	-43.45 dBm	-30.45 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.98959 GHz	-37.02 dBm	-24.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-36.77 dBm	-23.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58841 GHz	-36.30 dBm	-23.30 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.29545 GHz	-31.75 dBm	-18.75 dB

Date: 10.JUN.2014 19:41:39

16QAM (RB Size 1, RB Offset 0)



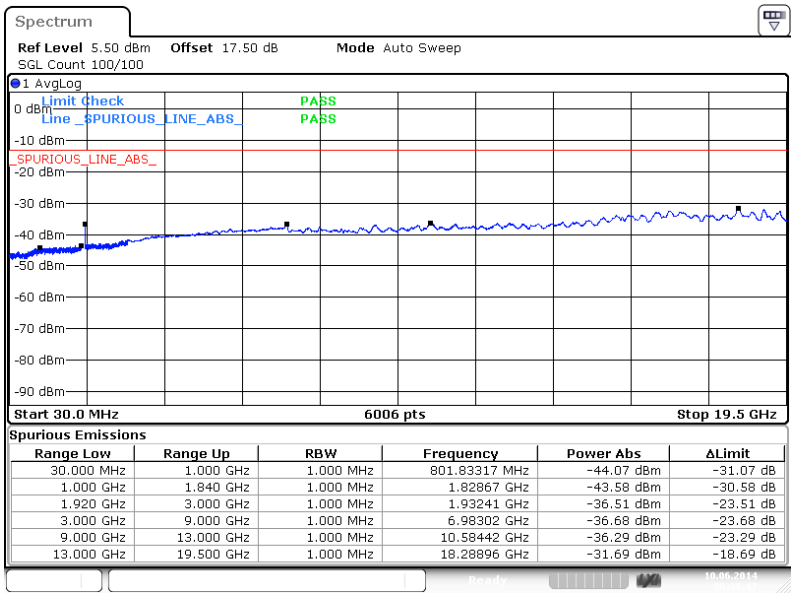
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.92208 MHz	-44.25 dBm	-31.25 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81692 GHz	-43.47 dBm	-30.47 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.98851 GHz	-37.33 dBm	-24.33 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98901 GHz	-36.70 dBm	-23.70 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60040 GHz	-36.27 dBm	-23.27 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.29545 GHz	-31.63 dBm	-18.63 dB

Date: 10.JUN.2014 19:34:51

Band :	LTE Band 2	Channel :	CH18625 (Low)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

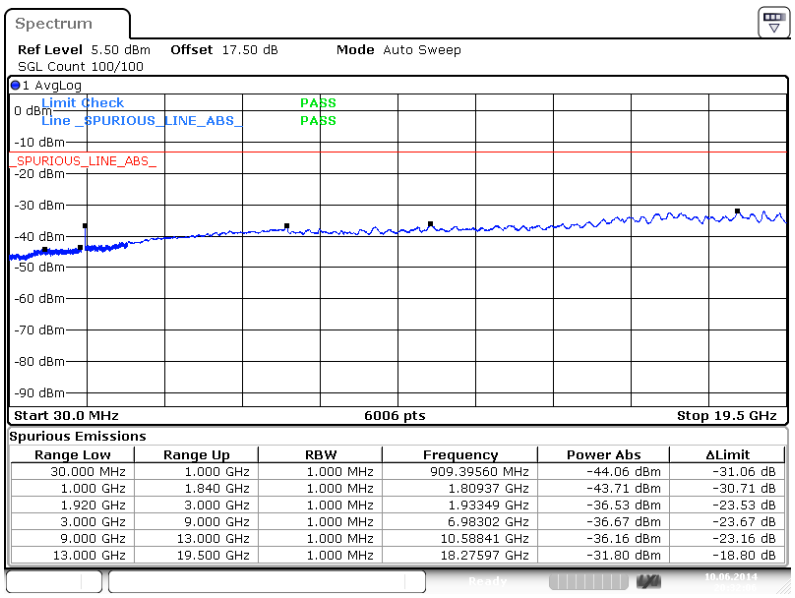


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	801.83317 MHz	-44.07 dBm	-31.07 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82867 GHz	-43.58 dBm	-30.58 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.93241 GHz	-36.51 dBm	-23.51 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-36.68 dBm	-23.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58442 GHz	-36.29 dBm	-23.29 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28896 GHz	-31.69 dBm	-18.69 dB

Date: 10.JUN.2014 20:38:47

16QAM (RB Size 1, RB Offset 0)



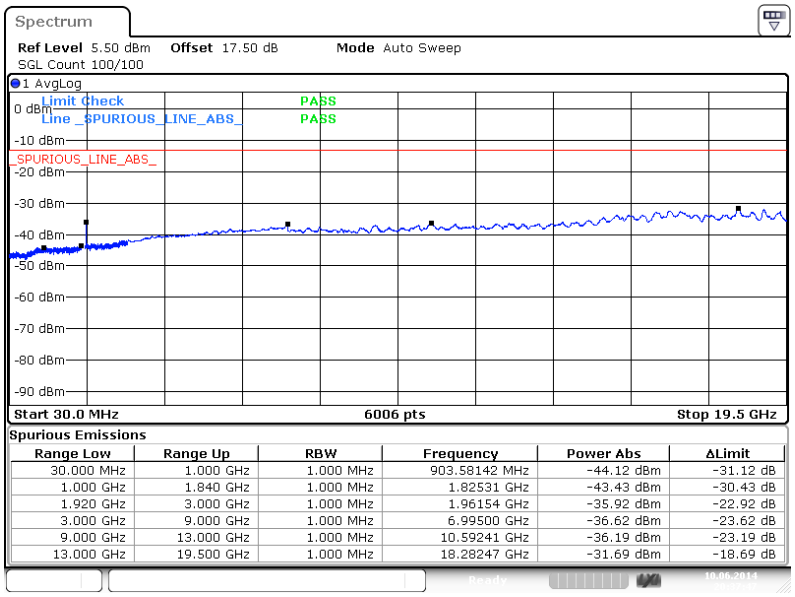
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.39560 MHz	-44.06 dBm	-31.06 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80937 GHz	-43.71 dBm	-30.71 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.93349 GHz	-36.53 dBm	-23.53 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-36.67 dBm	-23.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58841 GHz	-36.16 dBm	-23.16 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.27597 GHz	-31.80 dBm	-18.80 dB

Date: 10.JUN.2014 20:32:06

Band :	LTE Band 2	Channel :	CH18900 (Middle)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

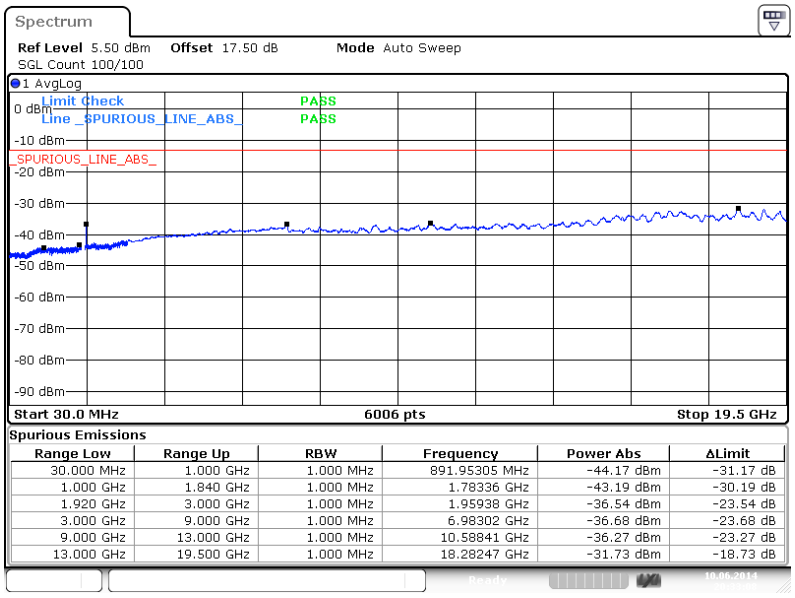


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.58142 MHz	-44.12 dBm	-31.12 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82531 GHz	-43.43 dBm	-30.43 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.96154 GHz	-35.92 dBm	-22.92 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99500 GHz	-36.62 dBm	-23.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59241 GHz	-36.19 dBm	-23.19 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28247 GHz	-31.69 dBm	-18.69 dB

Date: 10.JUN.2014 20:37:48

16QAM (RB Size 1, RB Offset 0)



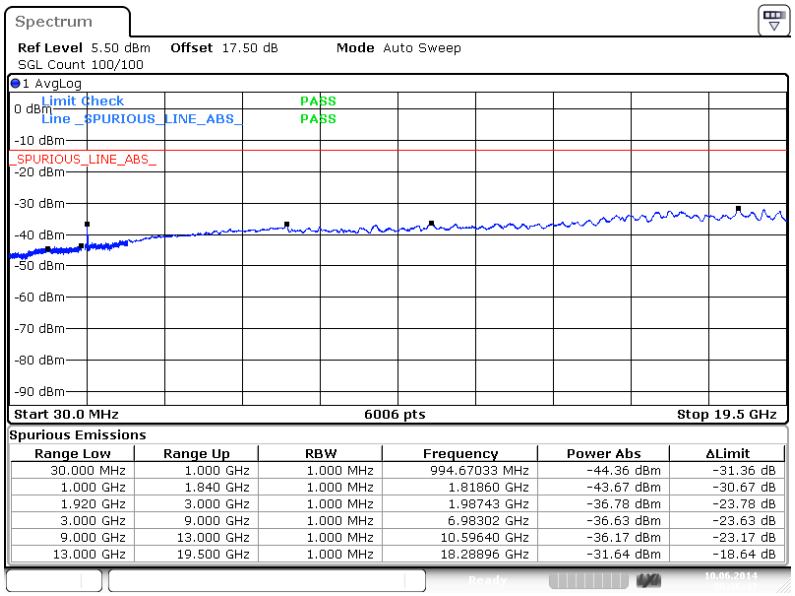
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	891.95305 MHz	-44.17 dBm	-31.17 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78336 GHz	-43.19 dBm	-30.19 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.95938 GHz	-36.54 dBm	-23.54 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-36.68 dBm	-23.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58841 GHz	-36.27 dBm	-23.27 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28247 GHz	-31.73 dBm	-18.73 dB

Date: 10.JUN.2014 20:33:08

Band :	LTE Band 2	Channel :	CH19175 (High)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

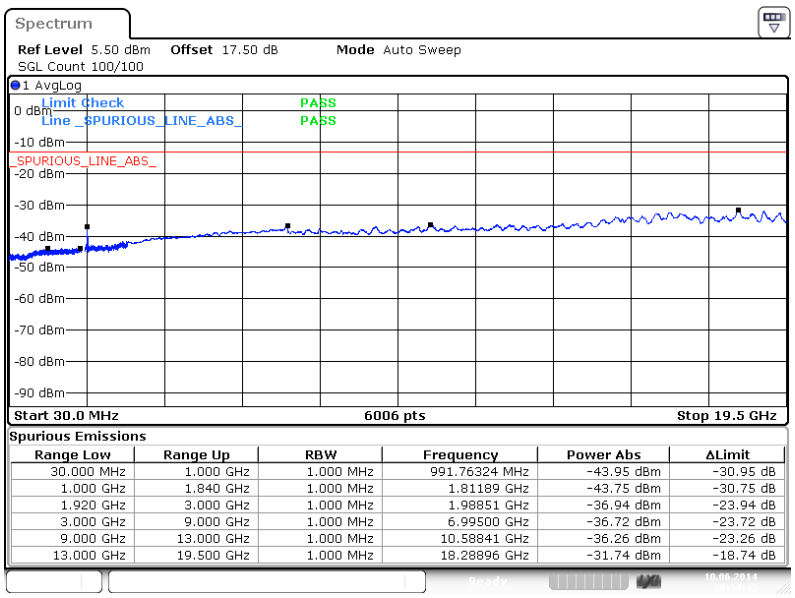


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.67033 MHz	-44.36 dBm	-31.36 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81860 GHz	-43.67 dBm	-30.67 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.98743 GHz	-36.78 dBm	-23.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-36.63 dBm	-23.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59640 GHz	-36.17 dBm	-23.17 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28896 GHz	-31.64 dBm	-18.64 dB

Date: 10.JUN.2014 20:36:44

16QAM (RB Size 1, RB Offset 0)



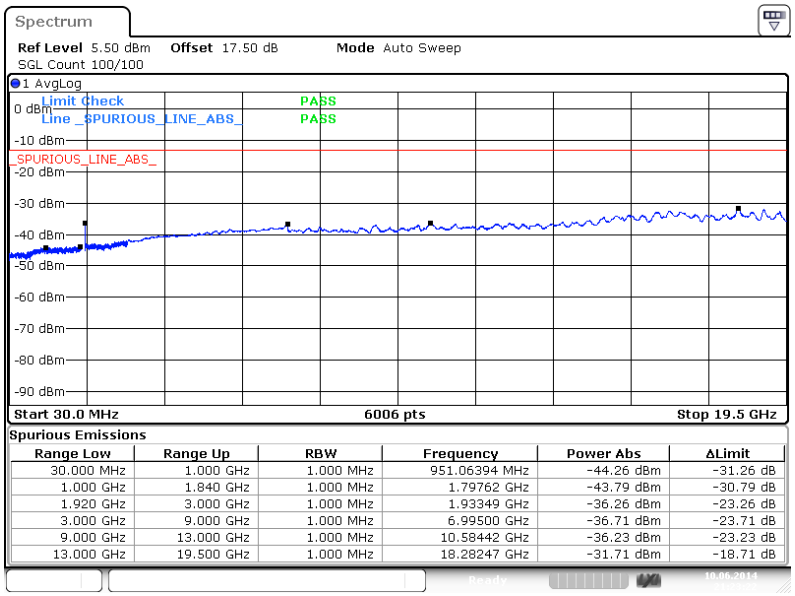
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.76324 MHz	-43.95 dBm	-30.95 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81189 GHz	-43.75 dBm	-30.75 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.98851 GHz	-36.94 dBm	-23.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99500 GHz	-36.72 dBm	-23.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58841 GHz	-36.26 dBm	-23.26 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28896 GHz	-31.74 dBm	-18.74 dB

Date: 10.JUN.2014 20:34:35

Band :	LTE Band 2	Channel :	CH18650 (Low)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

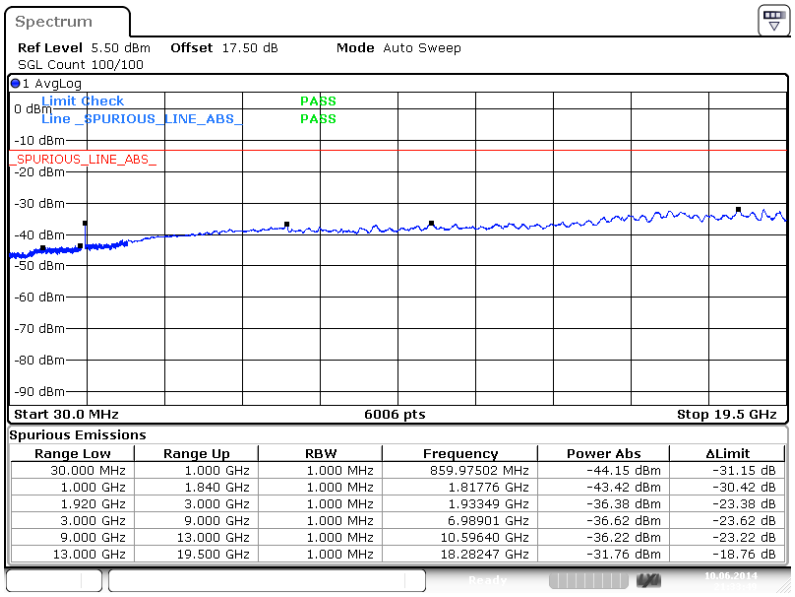


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	951.06394 MHz	-44.26 dBm	-31.26 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79762 GHz	-43.79 dBm	-30.79 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.93349 GHz	-36.26 dBm	-23.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99500 GHz	-36.71 dBm	-23.71 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58442 GHz	-36.23 dBm	-23.23 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28247 GHz	-31.71 dBm	-18.71 dB

Date: 10.JUN.2014 21:23:22

16QAM (RB Size 1, RB Offset 0)



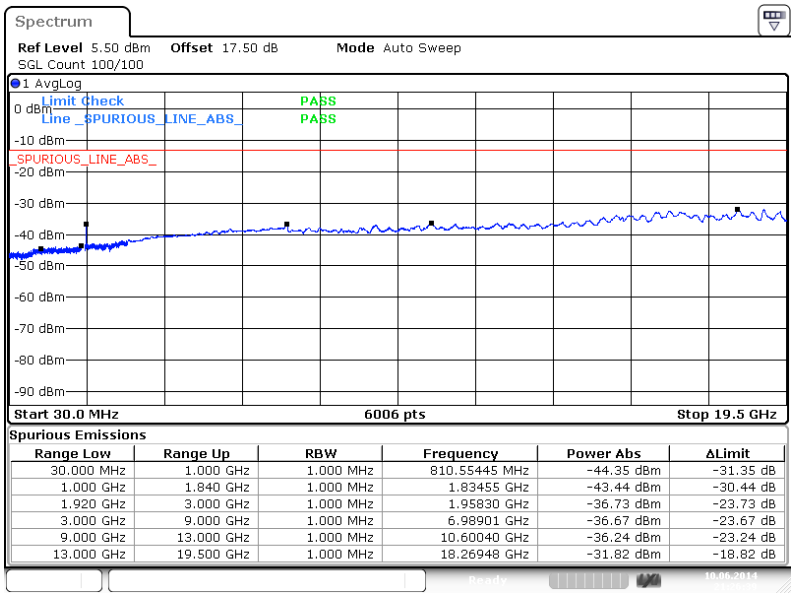
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	859.97502 MHz	-44.15 dBm	-31.15 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81776 GHz	-43.42 dBm	-30.42 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.93349 GHz	-36.38 dBm	-23.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98901 GHz	-36.62 dBm	-23.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59640 GHz	-36.22 dBm	-23.22 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28247 GHz	-31.76 dBm	-18.76 dB

Date: 10.JUN.2014 21:33:49

Band :	LTE Band 2	Channel :	CH18900 (Middle)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

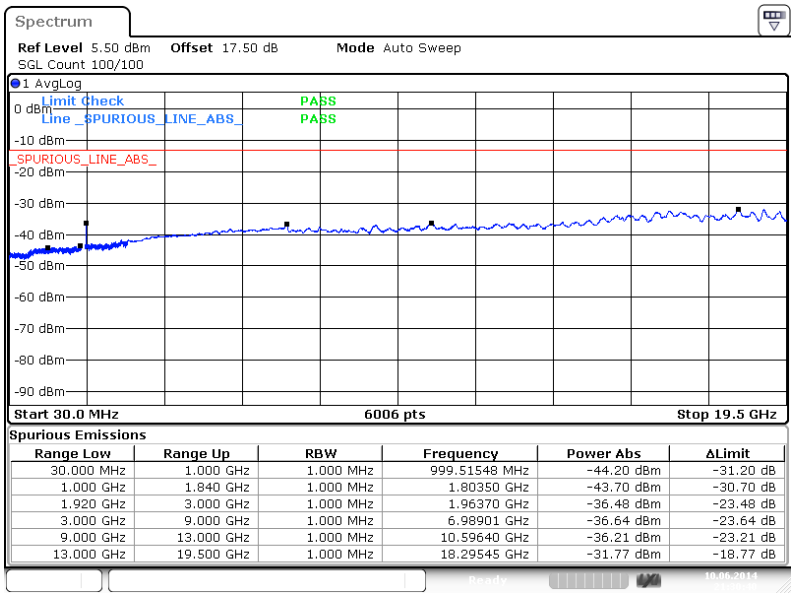


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	810.55445 MHz	-44.35 dBm	-31.35 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83455 GHz	-43.44 dBm	-30.44 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.95830 GHz	-36.73 dBm	-23.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98901 GHz	-36.67 dBm	-23.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60040 GHz	-36.24 dBm	-23.24 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.26948 GHz	-31.82 dBm	-18.82 dB

Date: 10.JUN.2014 21:26:40

16QAM (RB Size 1, RB Offset 0)



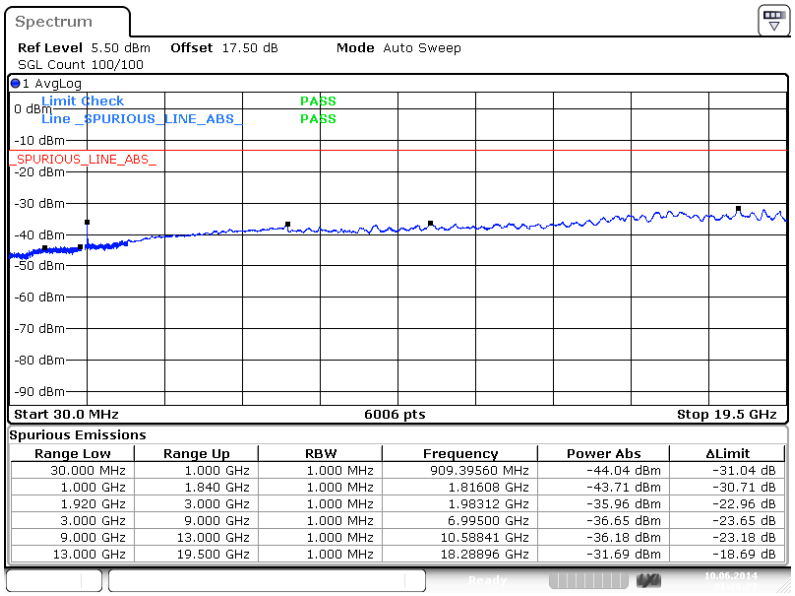
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.51548 MHz	-44.20 dBm	-31.20 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80350 GHz	-43.70 dBm	-30.70 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.96370 GHz	-36.48 dBm	-23.48 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98901 GHz	-36.64 dBm	-23.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59640 GHz	-36.21 dBm	-23.21 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.29545 GHz	-31.77 dBm	-18.77 dB

Date: 10.JUN.2014 21:30:40

Band :	LTE Band 2	Channel :	CH19150 (High)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

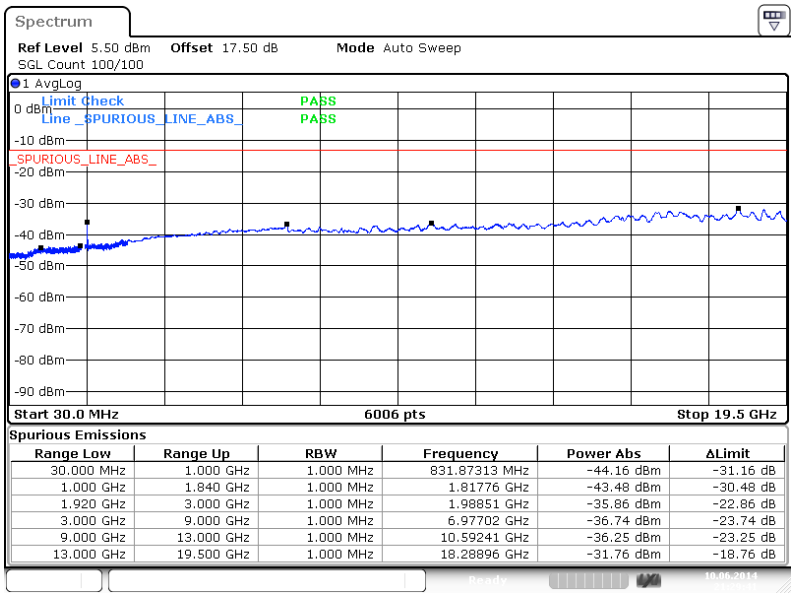


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.39560 MHz	-44.04 dBm	-31.04 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81608 GHz	-43.71 dBm	-30.71 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.98312 GHz	-35.96 dBm	-22.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99500 GHz	-36.65 dBm	-23.65 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58841 GHz	-36.18 dBm	-23.18 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28896 GHz	-31.69 dBm	-18.69 dB

Date: 10.JUN.2014 21:28:23

16QAM (RB Size 1, RB Offset 0)



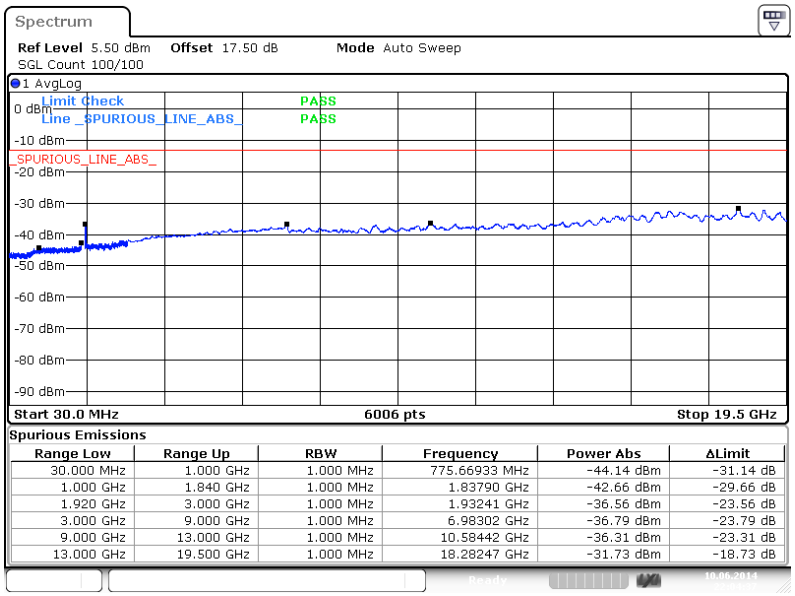
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	831.87313 MHz	-44.16 dBm	-31.16 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81776 GHz	-43.48 dBm	-30.48 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.98851 GHz	-35.86 dBm	-22.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97702 GHz	-36.74 dBm	-23.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59241 GHz	-36.25 dBm	-23.25 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28896 GHz	-31.76 dBm	-18.76 dB

Date: 10.JUN.2014 21:29:41

Band :	LTE Band 2	Channel :	CH18675 (Low)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)

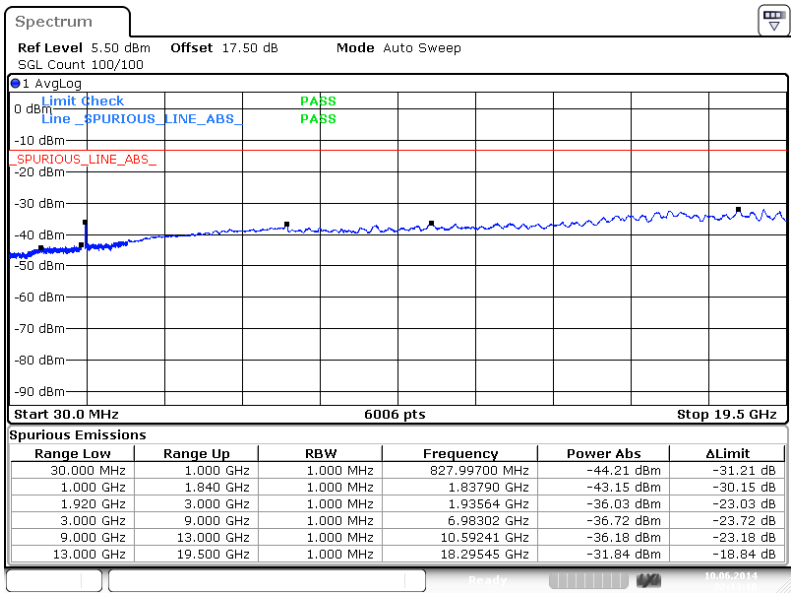


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	775.66933 MHz	-44.14 dBm	-31.14 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83790 GHz	-42.66 dBm	-29.66 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.93241 GHz	-36.56 dBm	-23.56 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-36.79 dBm	-23.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58442 GHz	-36.31 dBm	-23.31 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28247 GHz	-31.73 dBm	-18.73 dB

Date: 10.JUN.2014 22:04:38

16QAM (RB Size 1, RB Offset 0)



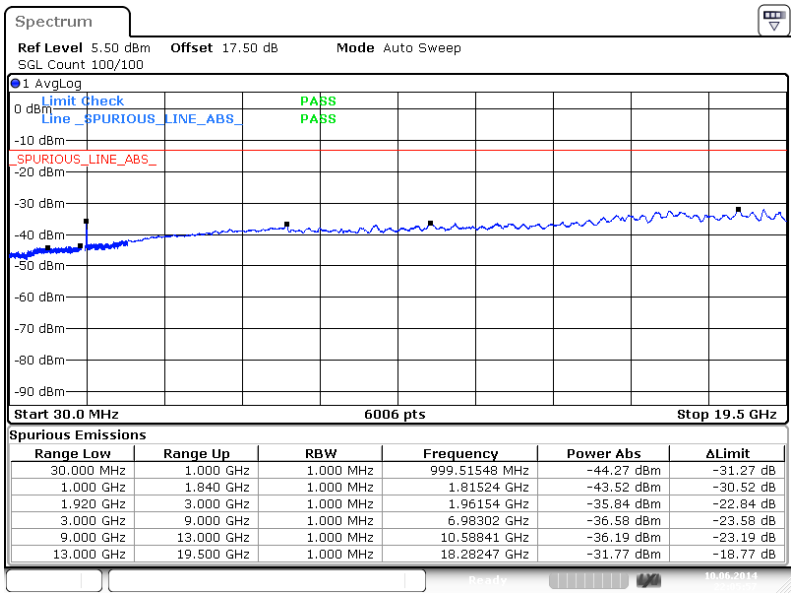
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	827.99700 MHz	-44.21 dBm	-31.21 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83790 GHz	-43.15 dBm	-30.15 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.93564 GHz	-36.03 dBm	-23.03 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-36.72 dBm	-23.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59241 GHz	-36.18 dBm	-23.18 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.29545 GHz	-31.84 dBm	-18.84 dB

Date: 10.JUN.2014 22:13:10

Band :	LTE Band 2	Channel :	CH18900 (Middle)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)

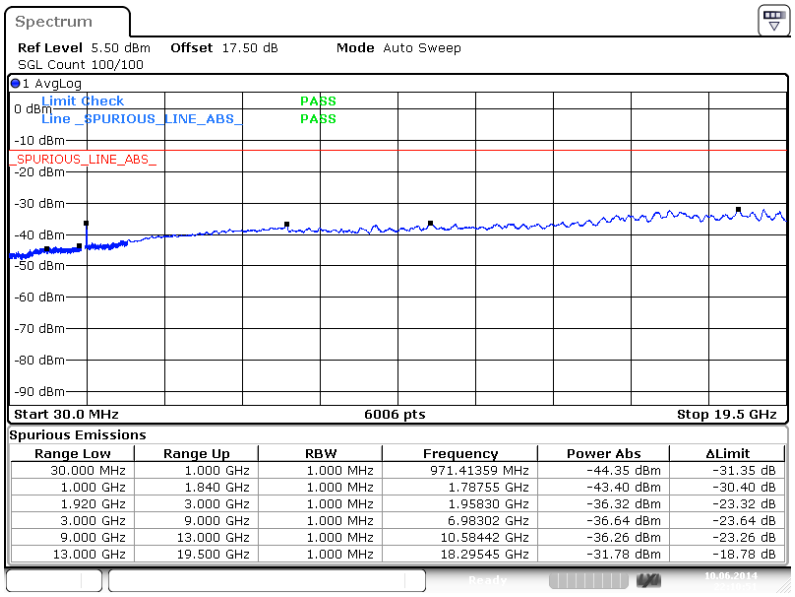


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.51548 MHz	-44.27 dBm	-31.27 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81524 GHz	-43.52 dBm	-30.52 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.96154 GHz	-35.84 dBm	-22.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-36.58 dBm	-23.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58841 GHz	-36.19 dBm	-23.19 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28247 GHz	-31.77 dBm	-18.77 dB

Date: 10.JUN.2014 22:05:57

16QAM (RB Size 1, RB Offset 0)



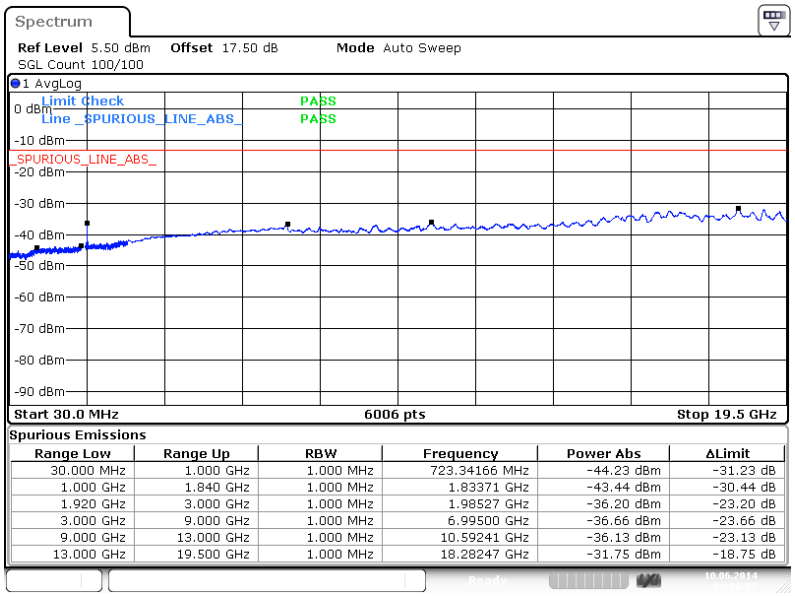
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.41359 MHz	-44.35 dBm	-31.35 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78755 GHz	-43.40 dBm	-30.40 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.95830 GHz	-36.32 dBm	-23.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-36.64 dBm	-23.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58442 GHz	-36.26 dBm	-23.26 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.29545 GHz	-31.78 dBm	-18.78 dB

Date: 10.JUN.2014 22:10:51

Band :	LTE Band 2	Channel :	CH19125 (High)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)

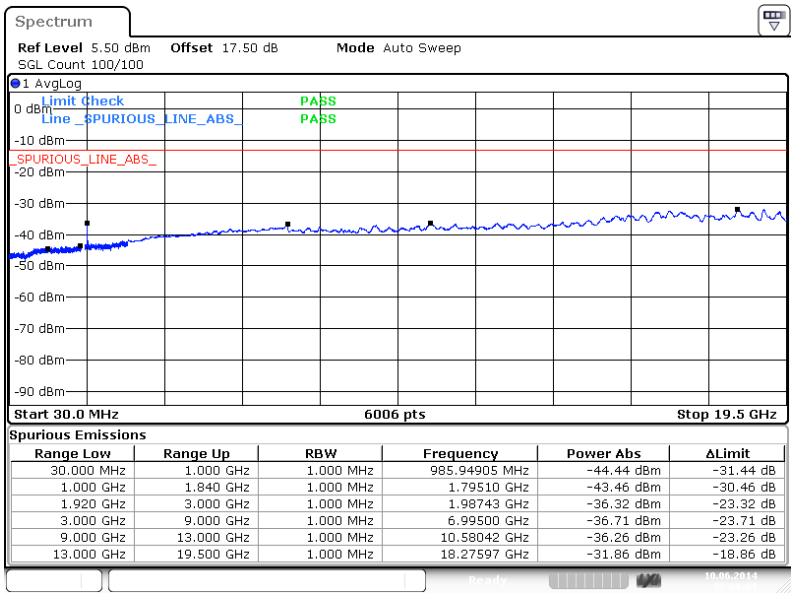


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	723.34166 MHz	-44.23 dBm	-31.23 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83371 GHz	-43.44 dBm	-30.44 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.98527 GHz	-36.20 dBm	-23.20 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99500 GHz	-36.66 dBm	-23.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59241 GHz	-36.13 dBm	-23.13 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28247 GHz	-31.75 dBm	-18.75 dB

Date: 10.JUN.2014 22:06:58

16QAM (RB Size 1, RB Offset 0)



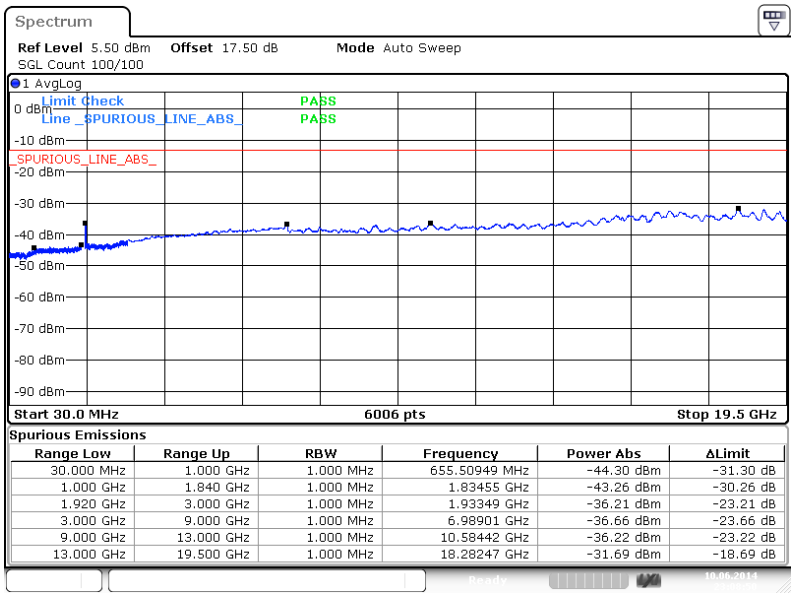
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.94905 MHz	-44.44 dBm	-31.44 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79510 GHz	-43.46 dBm	-30.46 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.98743 GHz	-36.32 dBm	-23.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99500 GHz	-36.71 dBm	-23.71 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58042 GHz	-36.26 dBm	-23.26 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.27597 GHz	-31.86 dBm	-18.86 dB

Date: 10.JUN.2014 22:08:01

Band :	LTE Band 2	Channel :	CH18700 (Low)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)

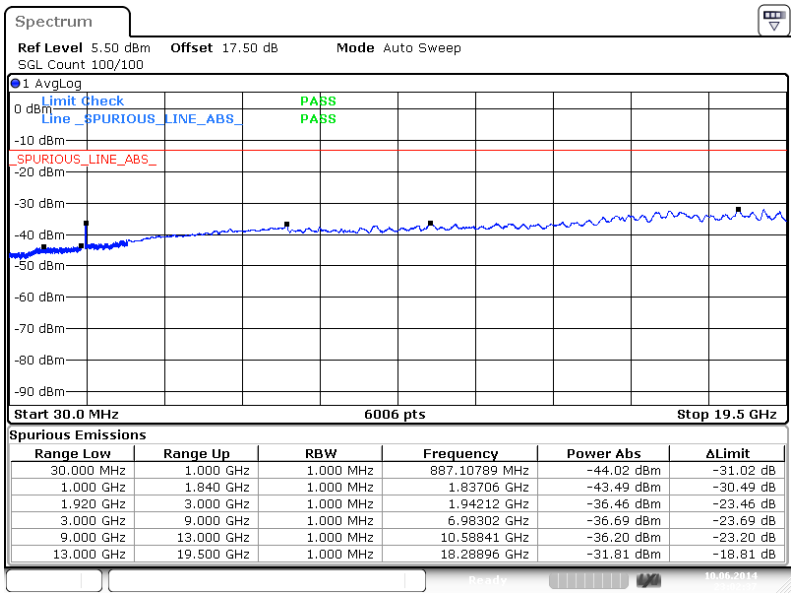


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	655.50949 MHz	-44.30 dBm	-31.30 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83455 GHz	-43.26 dBm	-30.26 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.93349 GHz	-36.21 dBm	-23.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98901 GHz	-36.66 dBm	-23.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58442 GHz	-36.22 dBm	-23.22 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28247 GHz	-31.69 dBm	-18.69 dB

Date: 10.JUN.2014 23:08:50

16QAM (RB Size 1, RB Offset 0)



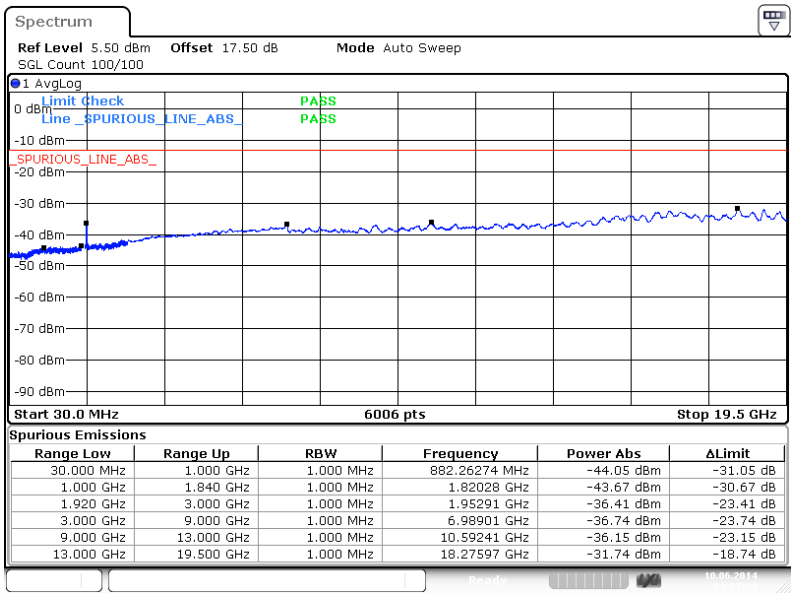
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.10789 MHz	-44.02 dBm	-31.02 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83706 GHz	-43.49 dBm	-30.49 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.94212 GHz	-36.46 dBm	-23.46 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-36.69 dBm	-23.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58841 GHz	-36.20 dBm	-23.20 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28896 GHz	-31.81 dBm	-18.81 dB

Date: 10.JUN.2014 23:02:37

Band :	LTE Band 2	Channel :	CH18900 (Middle)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)

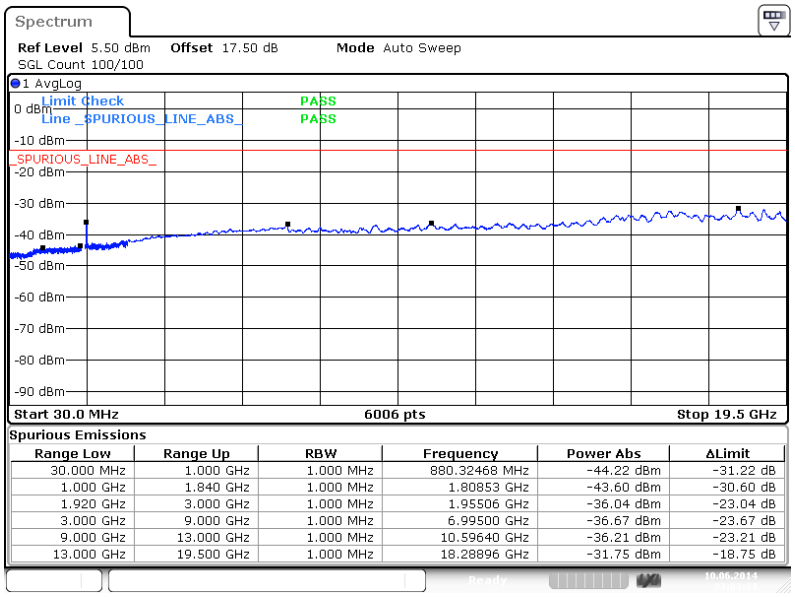


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	882.26274 MHz	-44.05 dBm	-31.05 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82028 GHz	-43.67 dBm	-30.67 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.95291 GHz	-36.41 dBm	-23.41 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98901 GHz	-36.74 dBm	-23.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59241 GHz	-36.15 dBm	-23.15 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.27597 GHz	-31.74 dBm	-18.74 dB

Date: 10.JUN.2014 23:07:33

16QAM (RB Size 1, RB Offset 0)



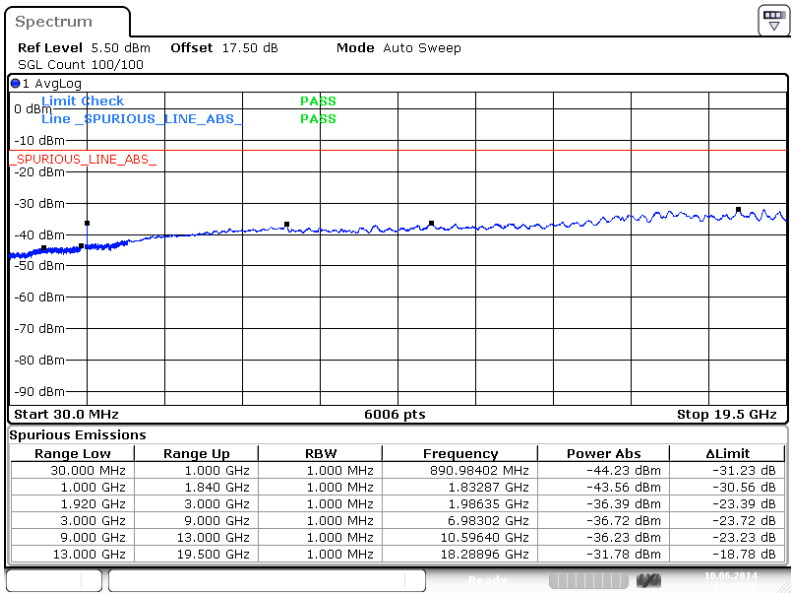
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.32468 MHz	-44.22 dBm	-31.22 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80853 GHz	-43.60 dBm	-30.60 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.95506 GHz	-36.04 dBm	-23.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99500 GHz	-36.67 dBm	-23.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59640 GHz	-36.21 dBm	-23.21 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28896 GHz	-31.75 dBm	-18.75 dB

Date: 10.JUN.2014 23:03:34

Band :	LTE Band 2	Channel :	CH19100 (High)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)

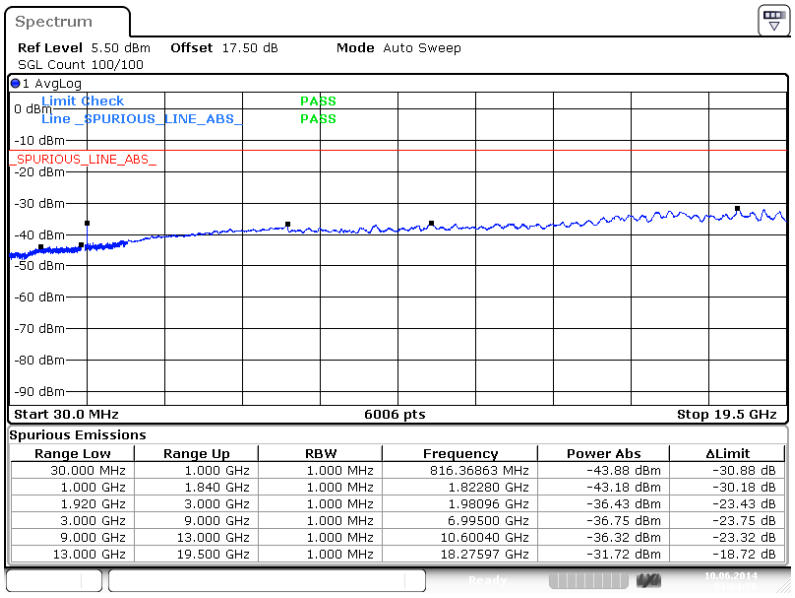


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.98402 MHz	-44.23 dBm	-31.23 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83287 GHz	-43.56 dBm	-30.56 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.98635 GHz	-36.39 dBm	-23.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-36.72 dBm	-23.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59640 GHz	-36.23 dBm	-23.23 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28896 GHz	-31.78 dBm	-18.78 dB

Date: 10.JUN.2014 23:06:27

16QAM (RB Size 1, RB Offset 0)



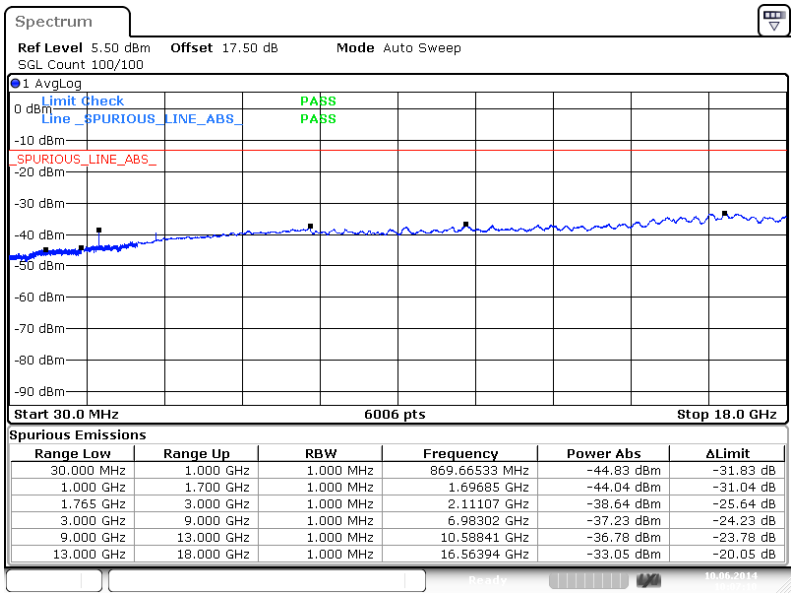
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	816.36863 MHz	-43.88 dBm	-30.88 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82280 GHz	-43.18 dBm	-30.18 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.98096 GHz	-36.43 dBm	-23.43 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99500 GHz	-36.75 dBm	-23.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60040 GHz	-36.32 dBm	-23.32 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.27597 GHz	-31.72 dBm	-18.72 dB

Date: 10.JUN.2014 23:04:56

Band :	LTE Band 4	Channel :	CH19957 (Low)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)

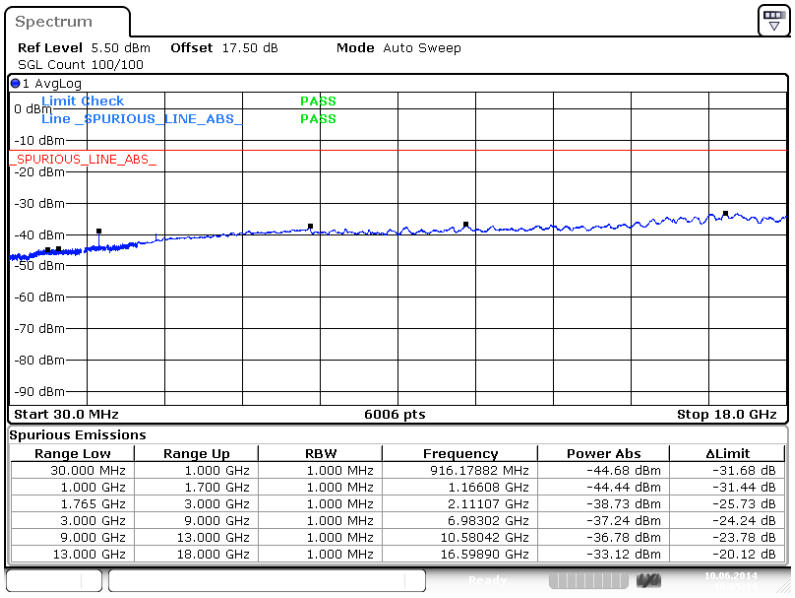


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	869.66533 MHz	-44.83 dBm	-31.83 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69685 GHz	-44.04 dBm	-31.04 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11107 GHz	-38.64 dBm	-25.64 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-37.23 dBm	-24.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58841 GHz	-36.78 dBm	-23.78 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56394 GHz	-33.05 dBm	-20.05 dB

Date: 10.JUN.2014 10:07:10

16QAM (RB Size 1, RB Offset 0)



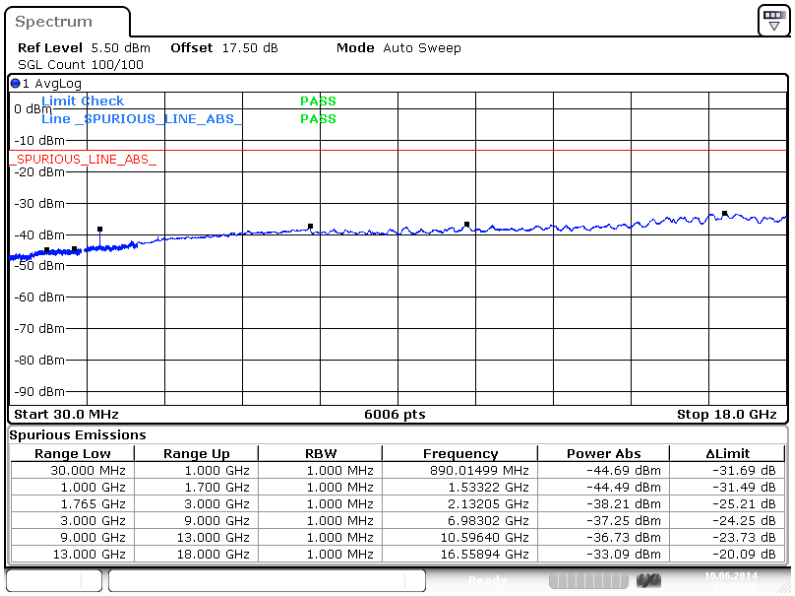
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.17882 MHz	-44.68 dBm	-31.68 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.16608 GHz	-44.44 dBm	-31.44 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11107 GHz	-38.73 dBm	-25.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-37.24 dBm	-24.24 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58042 GHz	-36.78 dBm	-23.78 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.59890 GHz	-33.12 dBm	-20.12 dB

Date: 10.JUN.2014 10:05:34

Band :	LTE Band 4	Channel :	CH20175 (Middle)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)

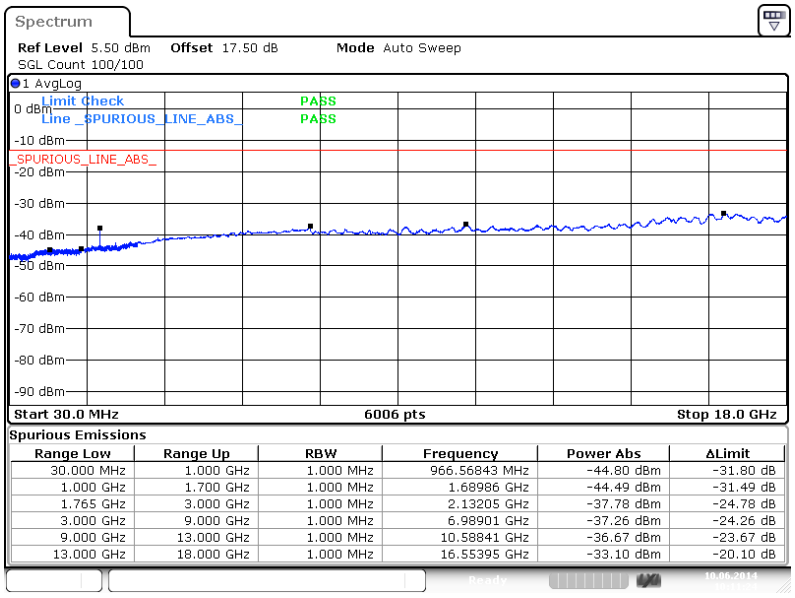


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.01499 MHz	-44.69 dBm	-31.69 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.53322 GHz	-44.49 dBm	-31.49 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13205 GHz	-38.21 dBm	-25.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-37.25 dBm	-24.25 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59640 GHz	-36.73 dBm	-23.73 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55894 GHz	-33.09 dBm	-20.09 dB

Date: 10.JUN.2014 10:09:50

16QAM (RB Size 1, RB Offset 0)



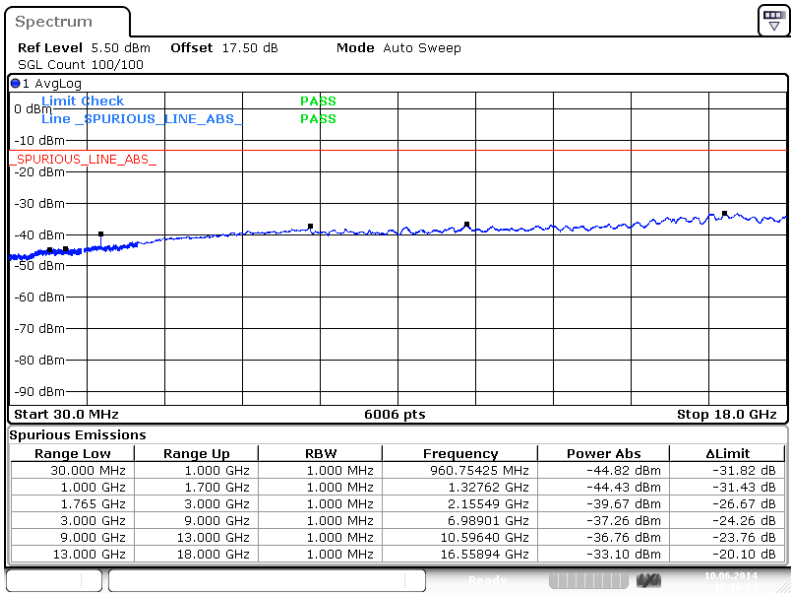
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.56843 MHz	-44.80 dBm	-31.80 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68986 GHz	-44.49 dBm	-31.49 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13205 GHz	-37.78 dBm	-24.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98901 GHz	-37.26 dBm	-24.26 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58841 GHz	-36.67 dBm	-23.67 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55395 GHz	-33.10 dBm	-20.10 dB

Date: 10.JUN.2014 10:11:25

Band :	LTE Band 4	Channel :	CH20393 (High)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)

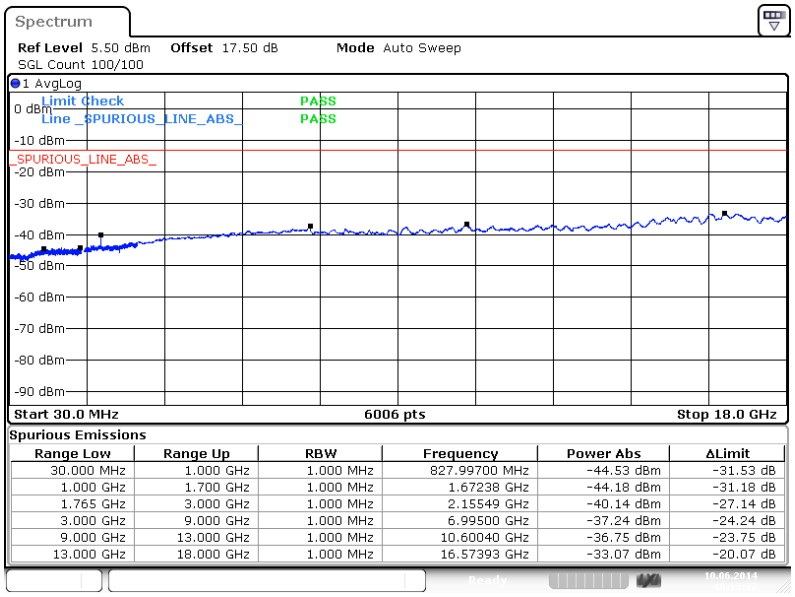


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.75425 MHz	-44.82 dBm	-31.82 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.32762 GHz	-44.43 dBm	-31.43 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.15549 GHz	-39.67 dBm	-26.67 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98901 GHz	-37.26 dBm	-24.26 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59640 GHz	-36.76 dBm	-23.76 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55894 GHz	-33.10 dBm	-20.10 dB

Date: 10.JUN.2014 10:16:04

16QAM (RB Size 1, RB Offset 0)



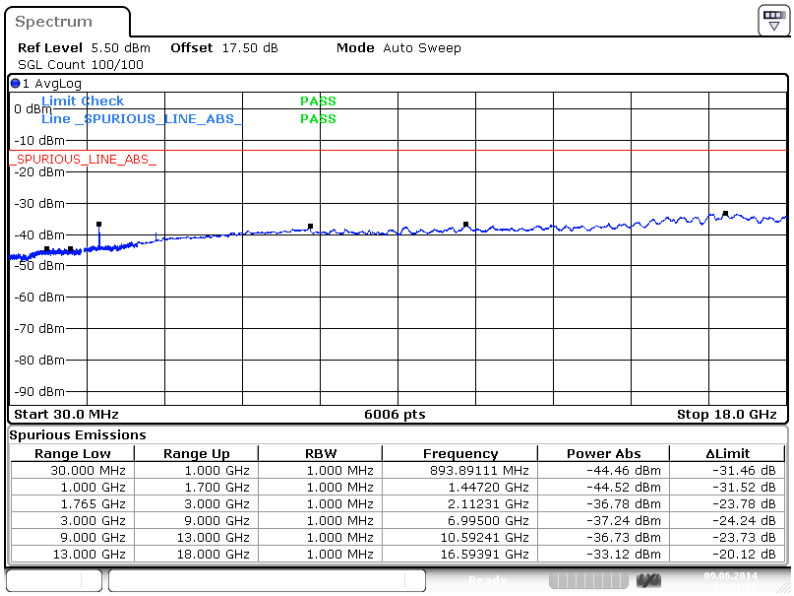
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	827.99700 MHz	-44.53 dBm	-31.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67238 GHz	-44.18 dBm	-31.18 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.15549 GHz	-40.14 dBm	-27.14 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99500 GHz	-37.24 dBm	-24.24 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60040 GHz	-36.75 dBm	-23.75 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.57393 GHz	-33.07 dBm	-20.07 dB

Date: 10.JUN.2014 10:13:22

Band :	LTE Band 4	Channel :	CH19965 (Low)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)

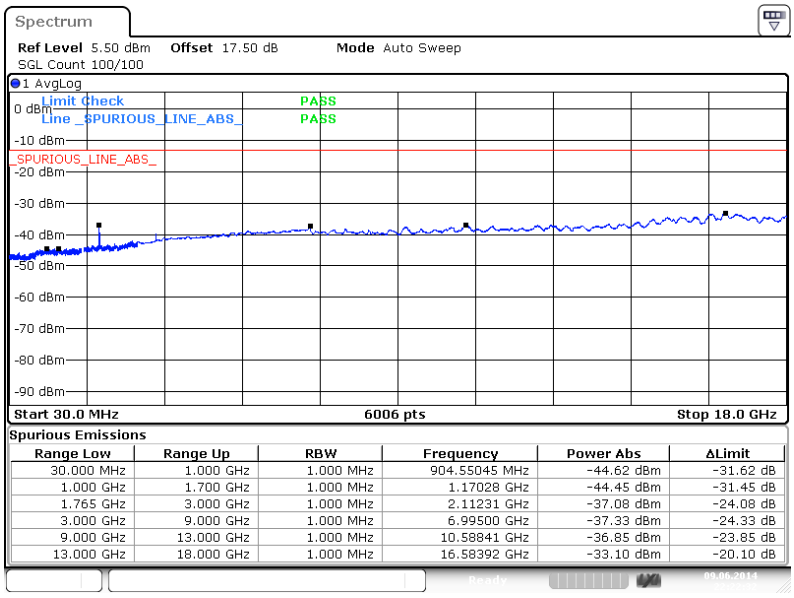


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	893.89111 MHz	-44.46 dBm	-31.46 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.44720 GHz	-44.52 dBm	-31.52 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11231 GHz	-36.78 dBm	-23.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99500 GHz	-37.24 dBm	-24.24 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59241 GHz	-36.73 dBm	-23.73 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.59391 GHz	-33.12 dBm	-20.12 dB

Date: 9.JUN.2014 22:21:13

16QAM (RB Size 1, RB Offset 0)



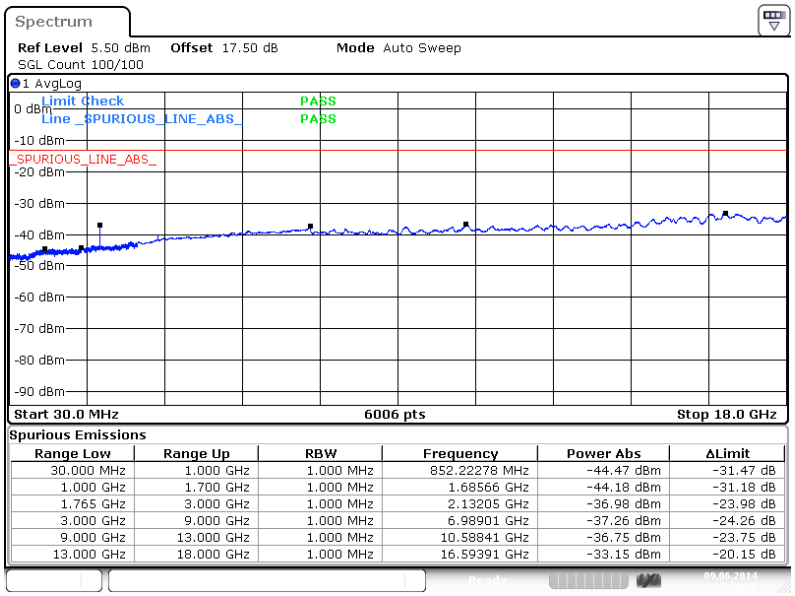
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	904.55045 MHz	-44.62 dBm	-31.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.17028 GHz	-44.45 dBm	-31.45 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11231 GHz	-37.08 dBm	-24.08 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99500 GHz	-37.33 dBm	-24.33 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58841 GHz	-36.85 dBm	-23.85 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58392 GHz	-33.10 dBm	-20.10 dB

Date: 9.JUN.2014 22:22:32

Band :	LTE Band 4	Channel :	CH20175 (Middle)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)

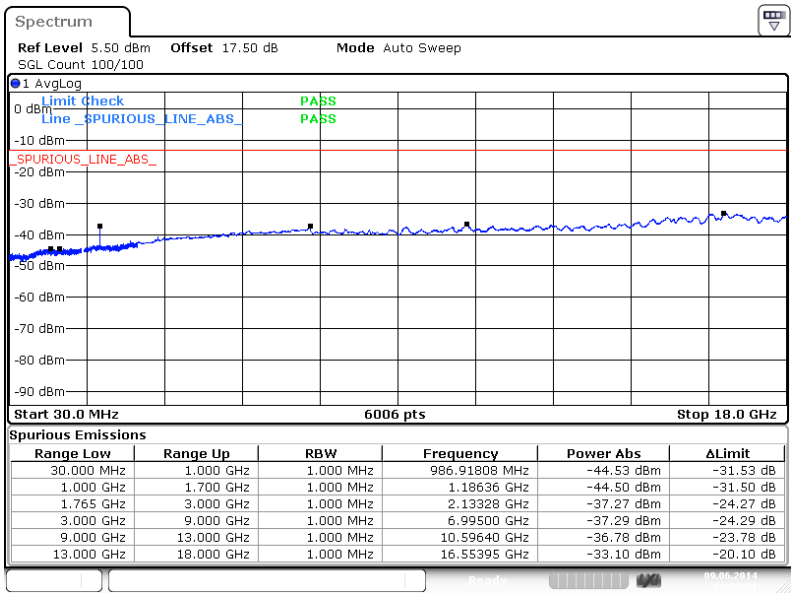


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	852.22278 MHz	-44.47 dBm	-31.47 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68566 GHz	-44.18 dBm	-31.18 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13205 GHz	-36.98 dBm	-23.98 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98901 GHz	-37.26 dBm	-24.26 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58841 GHz	-36.75 dBm	-23.75 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.59391 GHz	-33.15 dBm	-20.15 dB

Date: 9.JUN.2014 22:20:22

16QAM (RB Size 1, RB Offset 0)



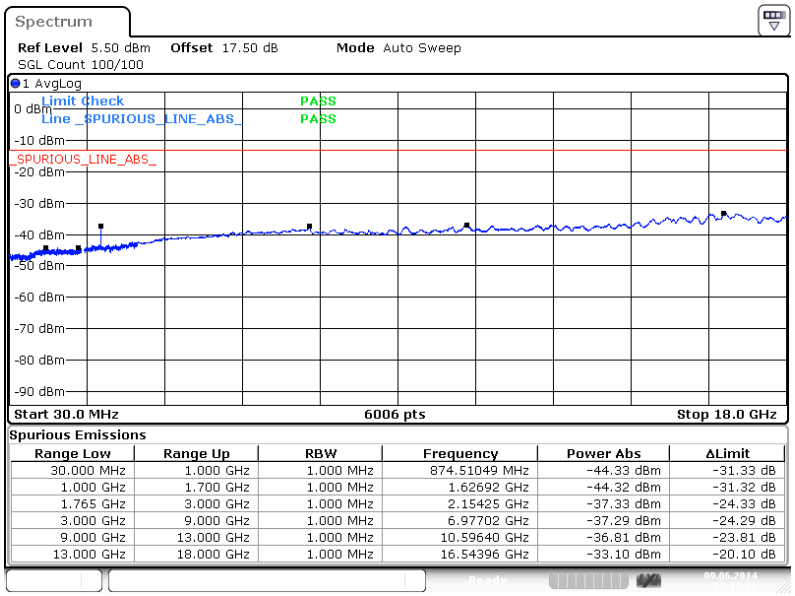
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	986.91808 MHz	-44.53 dBm	-31.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.18636 GHz	-44.50 dBm	-31.50 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13328 GHz	-37.27 dBm	-24.27 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99500 GHz	-37.29 dBm	-24.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59640 GHz	-36.78 dBm	-23.78 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55395 GHz	-33.10 dBm	-20.10 dB

Date: 9.JUN.2014 22:23:31

Band :	LTE Band 4	Channel :	CH20385 (High)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)

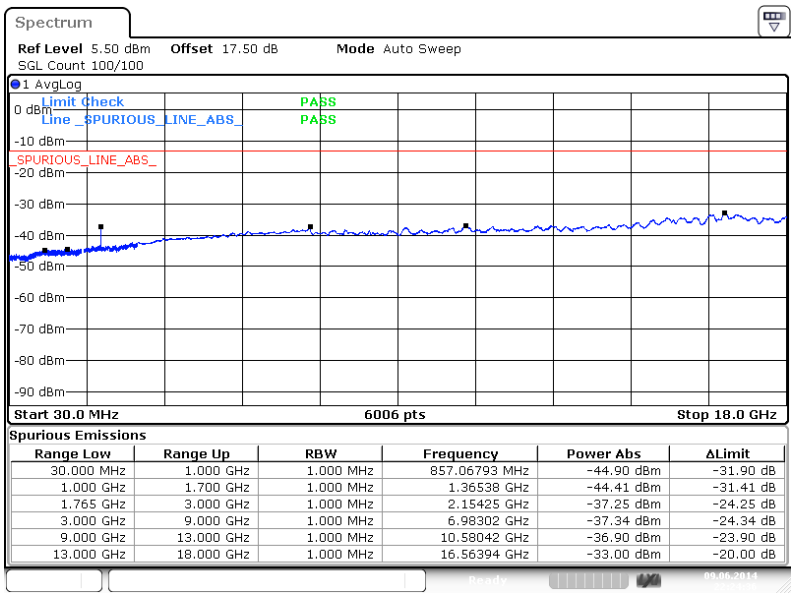


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	874.51049 MHz	-44.33 dBm	-31.33 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62692 GHz	-44.32 dBm	-31.32 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.15425 GHz	-37.33 dBm	-24.33 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97702 GHz	-37.29 dBm	-24.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59640 GHz	-36.81 dBm	-23.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54396 GHz	-33.10 dBm	-20.10 dB

Date: 9.JUN.2014 22:19:19

16QAM (RB Size 1, RB Offset 0)



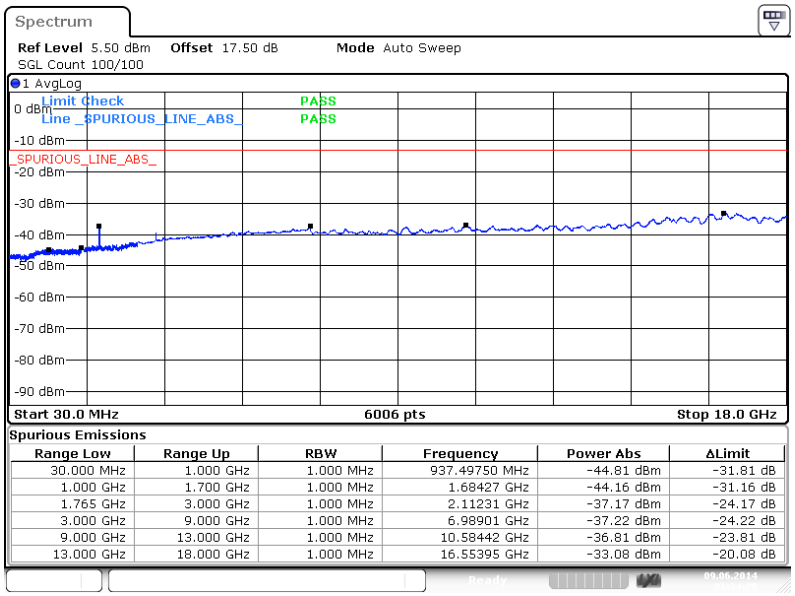
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	857.06793 MHz	-44.90 dBm	-31.90 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.36538 GHz	-44.41 dBm	-31.41 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.15425 GHz	-37.25 dBm	-24.25 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-37.34 dBm	-24.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58042 GHz	-36.90 dBm	-23.90 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56394 GHz	-33.00 dBm	-20.00 dB

Date: 9.JUN.2014 22:24:36

Band :	LTE Band 4	Channel :	CH19975 (Low)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

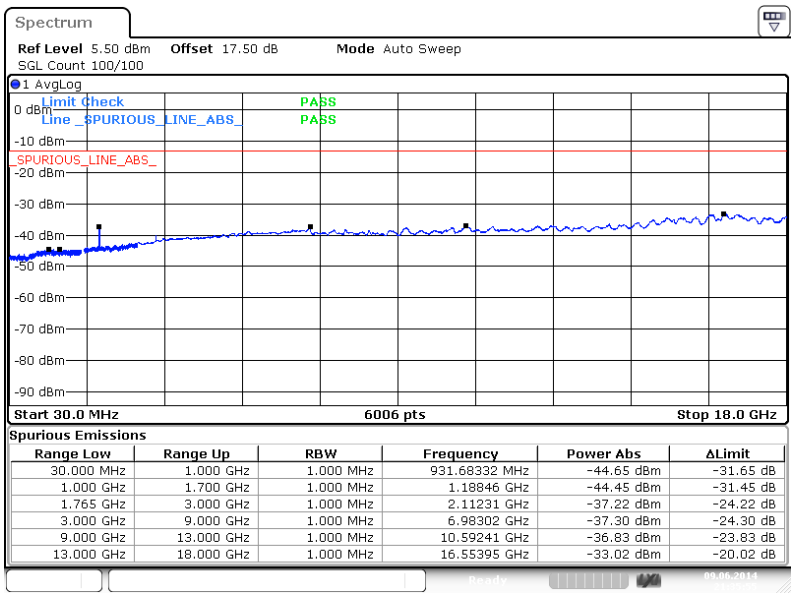


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	937.49750 MHz	-44.81 dBm	-31.81 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68427 GHz	-44.16 dBm	-31.16 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11231 GHz	-37.17 dBm	-24.17 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98901 GHz	-37.22 dBm	-24.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58442 GHz	-36.81 dBm	-23.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55395 GHz	-33.08 dBm	-20.08 dB

Date: 9.JUN.2014 21:34:29

16QAM (RB Size 1, RB Offset 0)



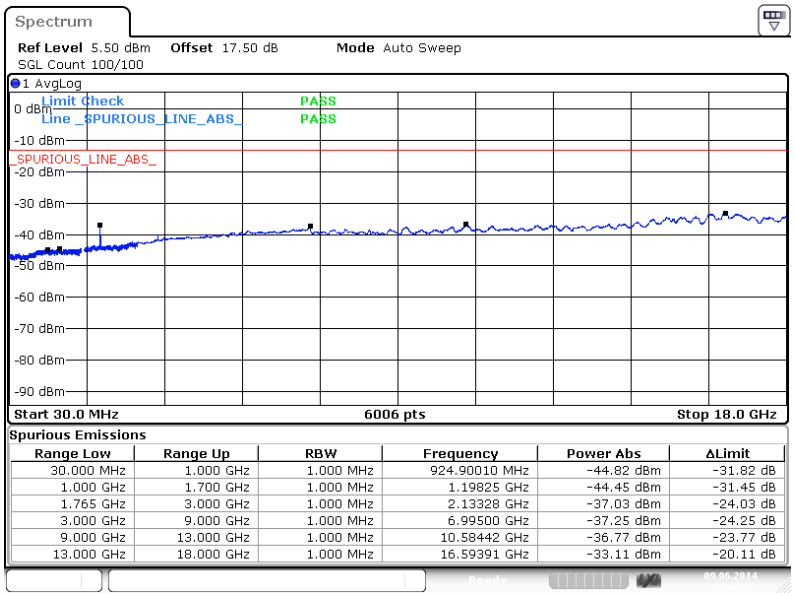
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.68332 MHz	-44.65 dBm	-31.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.18846 GHz	-44.45 dBm	-31.45 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11231 GHz	-37.22 dBm	-24.22 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-37.30 dBm	-24.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59241 GHz	-36.83 dBm	-23.83 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55395 GHz	-33.02 dBm	-20.02 dB

Date: 9.JUN.2014 21:35:55

Band :	LTE Band 4	Channel :	CH20175 (Middle)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

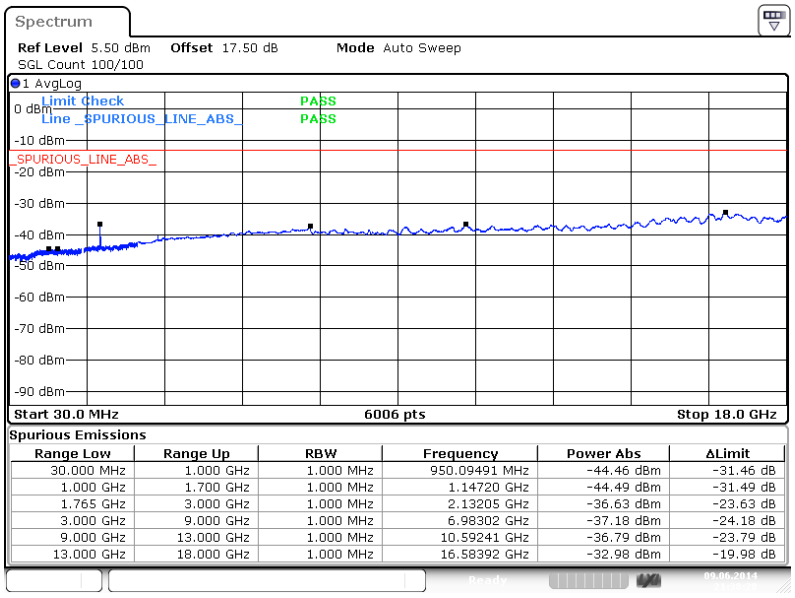


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	924.90010 MHz	-44.82 dBm	-31.82 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.19825 GHz	-44.45 dBm	-31.45 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13328 GHz	-37.03 dBm	-24.03 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99500 GHz	-37.25 dBm	-24.25 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58442 GHz	-36.77 dBm	-23.77 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.59391 GHz	-33.11 dBm	-20.11 dB

Date: 9.JUN.2014 21:39:23

16QAM (RB Size 1, RB Offset 0)



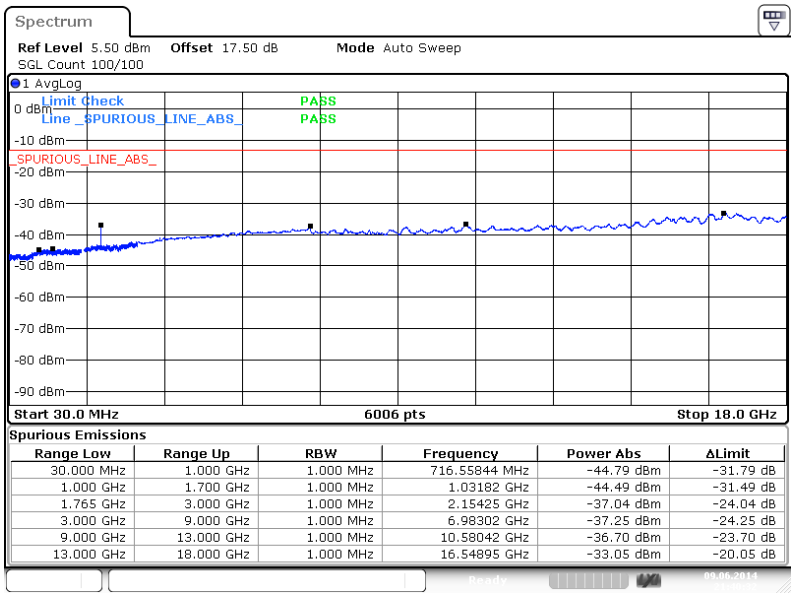
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	950.09491 MHz	-44.46 dBm	-31.46 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.14720 GHz	-44.49 dBm	-31.49 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13205 GHz	-36.63 dBm	-23.63 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-37.18 dBm	-24.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59241 GHz	-36.79 dBm	-23.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58392 GHz	-32.98 dBm	-19.98 dB

Date: 9.JUN.2014 21:38:28

Band :	LTE Band 4	Channel :	CH20375 (High)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

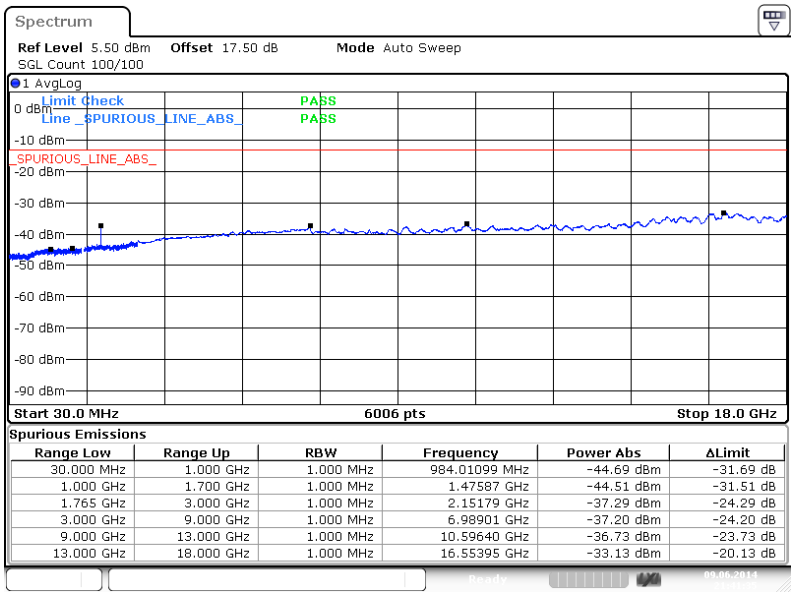


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	716.55844 MHz	-44.79 dBm	-31.79 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.03182 GHz	-44.49 dBm	-31.49 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.15425 GHz	-37.04 dBm	-24.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-37.25 dBm	-24.25 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58042 GHz	-36.70 dBm	-23.70 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54895 GHz	-33.05 dBm	-20.05 dB

Date: 9.JUN.2014 21:40:32

16QAM (RB Size 1, RB Offset 0)



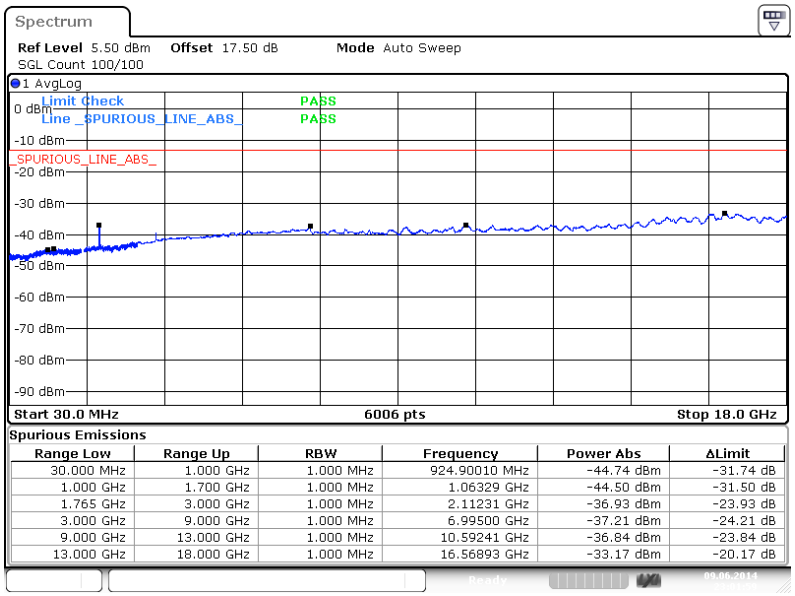
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.01099 MHz	-44.69 dBm	-31.69 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.47587 GHz	-44.51 dBm	-31.51 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.15179 GHz	-37.29 dBm	-24.29 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98901 GHz	-37.20 dBm	-24.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59640 GHz	-36.73 dBm	-23.73 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55395 GHz	-33.13 dBm	-20.13 dB

Date: 9.JUN.2014 21:41:35

Band :	LTE Band 4	Channel :	CH20000 (Low)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

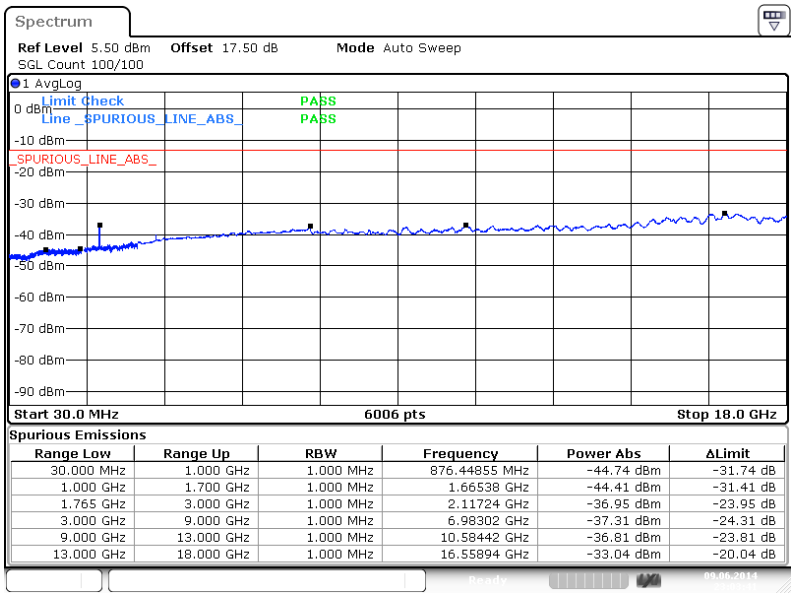


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	924.90010 MHz	-44.74 dBm	-31.74 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.06329 GHz	-44.50 dBm	-31.50 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11231 GHz	-36.93 dBm	-23.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99500 GHz	-37.21 dBm	-24.21 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59241 GHz	-36.84 dBm	-23.84 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56893 GHz	-33.17 dBm	-20.17 dB

Date: 9.JUN.2014 23:01:59

16QAM (RB Size 1, RB Offset 0)



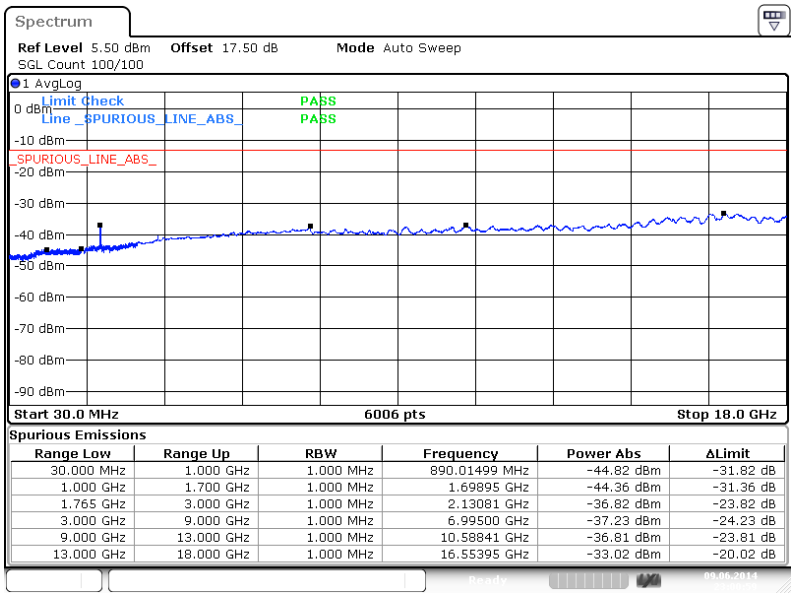
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	876.44855 MHz	-44.74 dBm	-31.74 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66538 GHz	-44.41 dBm	-31.41 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11724 GHz	-36.95 dBm	-23.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-37.31 dBm	-24.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58442 GHz	-36.81 dBm	-23.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55894 GHz	-33.04 dBm	-20.04 dB

Date: 9.JUN.2014 23:03:41

Band :	LTE Band 4	Channel :	CH20175 (Middle)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

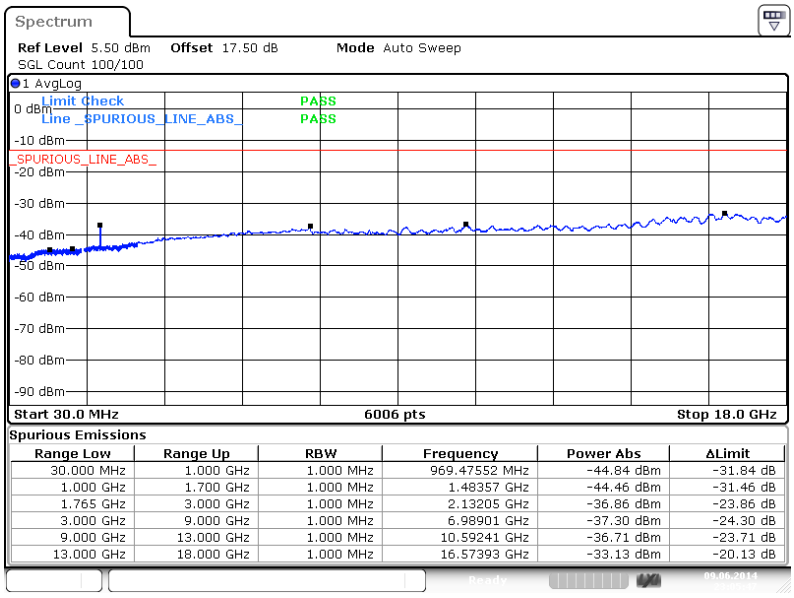


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.01499 MHz	-44.82 dBm	-31.82 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69895 GHz	-44.36 dBm	-31.36 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13081 GHz	-36.82 dBm	-23.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99500 GHz	-37.23 dBm	-24.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58841 GHz	-36.81 dBm	-23.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55395 GHz	-33.02 dBm	-20.02 dB

Date: 9.JUN.2014 23:00:59

16QAM (RB Size 1, RB Offset 0)



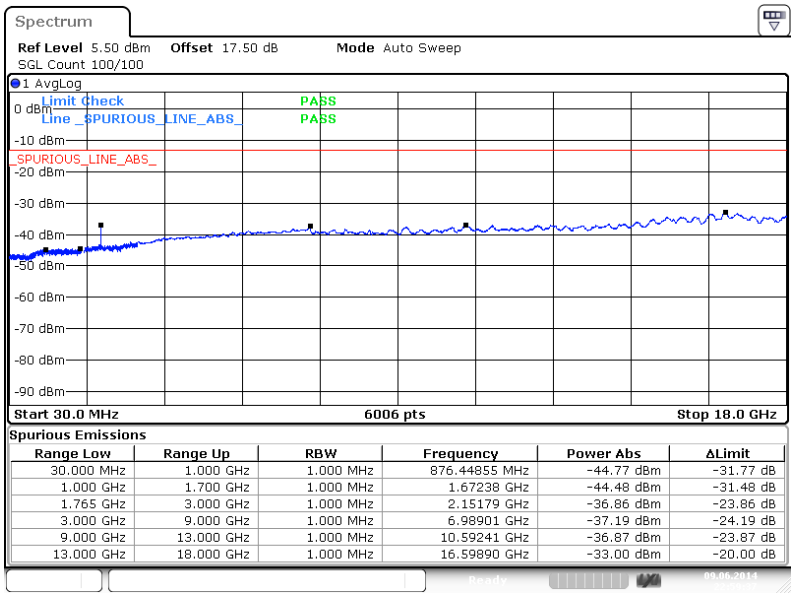
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.47552 MHz	-44.84 dBm	-31.84 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.48357 GHz	-44.46 dBm	-31.46 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13205 GHz	-36.86 dBm	-23.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98901 GHz	-37.30 dBm	-24.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59241 GHz	-36.71 dBm	-23.71 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.57393 GHz	-33.13 dBm	-20.13 dB

Date: 9.JUN.2014 23:05:47

Band :	LTE Band 4	Channel :	CH20350 (High)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

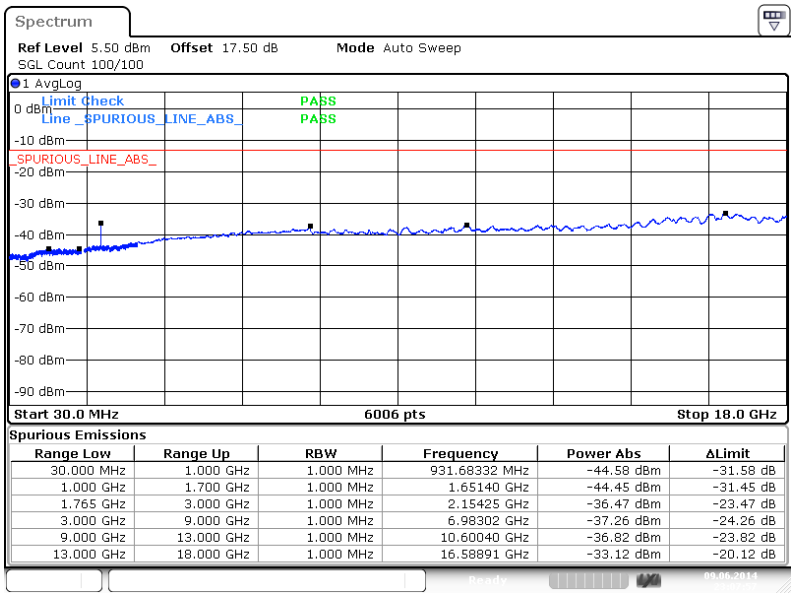


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	876.44855 MHz	-44.77 dBm	-31.77 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67238 GHz	-44.48 dBm	-31.48 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.15179 GHz	-36.86 dBm	-23.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98901 GHz	-37.19 dBm	-24.19 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59241 GHz	-36.87 dBm	-23.87 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.59890 GHz	-33.00 dBm	-20.00 dB

Date: 9.JUN.2014 22:59:37

16QAM (RB Size 1, RB Offset 0)



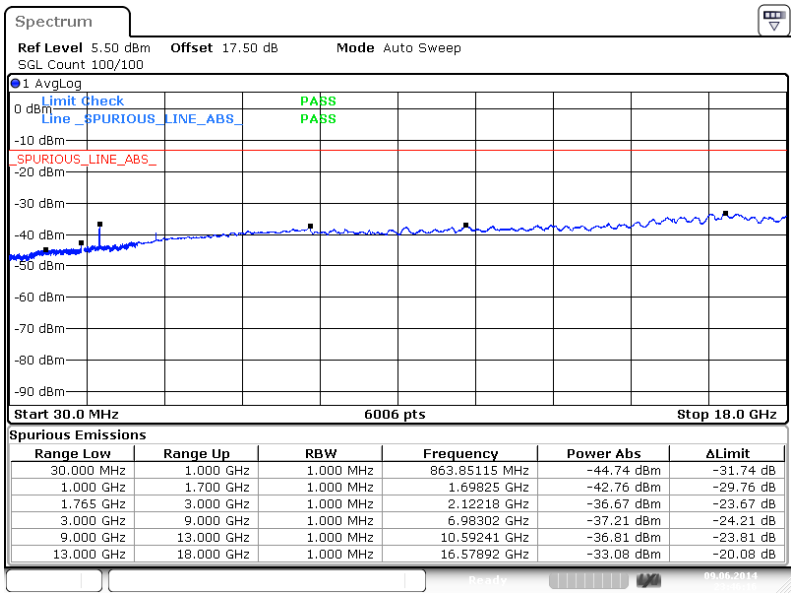
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.68332 MHz	-44.58 dBm	-31.58 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65140 GHz	-44.45 dBm	-31.45 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.15425 GHz	-36.47 dBm	-23.47 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-37.26 dBm	-24.26 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60040 GHz	-36.82 dBm	-23.82 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58891 GHz	-33.12 dBm	-20.12 dB

Date: 9.JUN.2014 23:07:58

Band :	LTE Band 4	Channel :	CH20025 (Low)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)

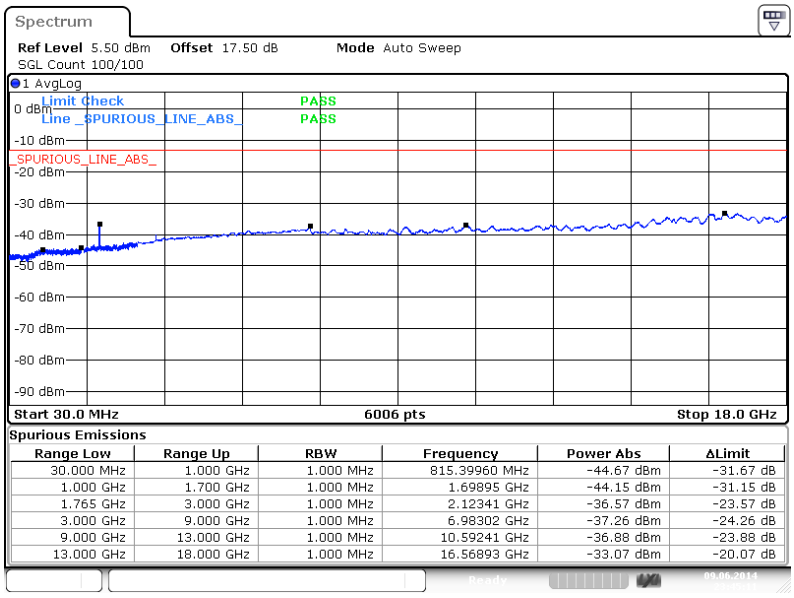


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	863.85115 MHz	-44.74 dBm	-31.74 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69825 GHz	-42.76 dBm	-29.76 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.12218 GHz	-36.67 dBm	-23.67 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-37.21 dBm	-24.21 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59241 GHz	-36.81 dBm	-23.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.57892 GHz	-33.08 dBm	-20.08 dB

Date: 9.JUN.2014 23:46:16

16QAM (RB Size 1, RB Offset 0)



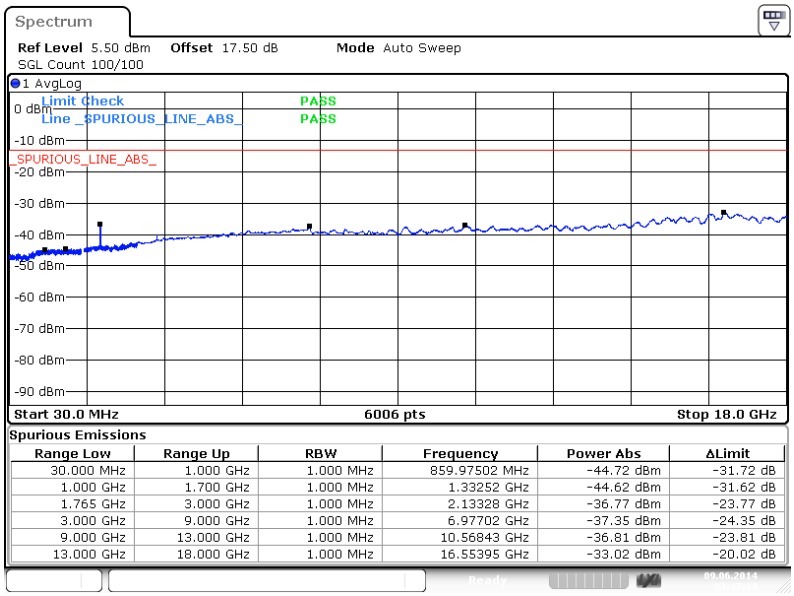
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	815.39960 MHz	-44.67 dBm	-31.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69895 GHz	-44.15 dBm	-31.15 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.12341 GHz	-36.57 dBm	-23.57 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-37.26 dBm	-24.26 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59241 GHz	-36.88 dBm	-23.88 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56893 GHz	-33.07 dBm	-20.07 dB

Date: 9.JUN.2014 23:45:11

Band :	LTE Band 4	Channel :	CH20175 (Middle)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)

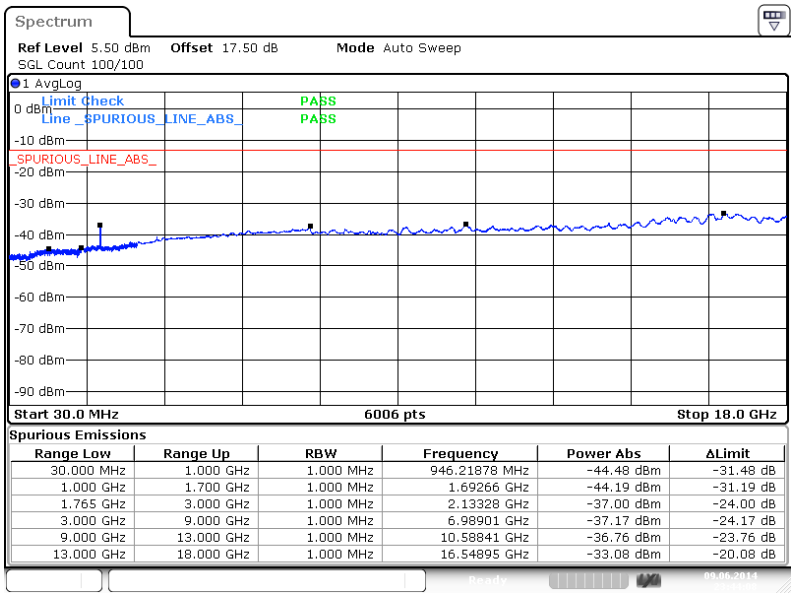


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	859.97502 MHz	-44.72 dBm	-31.72 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.33252 GHz	-44.62 dBm	-31.62 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13328 GHz	-36.77 dBm	-23.77 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97702 GHz	-37.35 dBm	-24.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.56843 GHz	-36.81 dBm	-23.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55395 GHz	-33.02 dBm	-20.02 dB

Date: 9.JUN.2014 23:47:34

16QAM (RB Size 1, RB Offset 0)



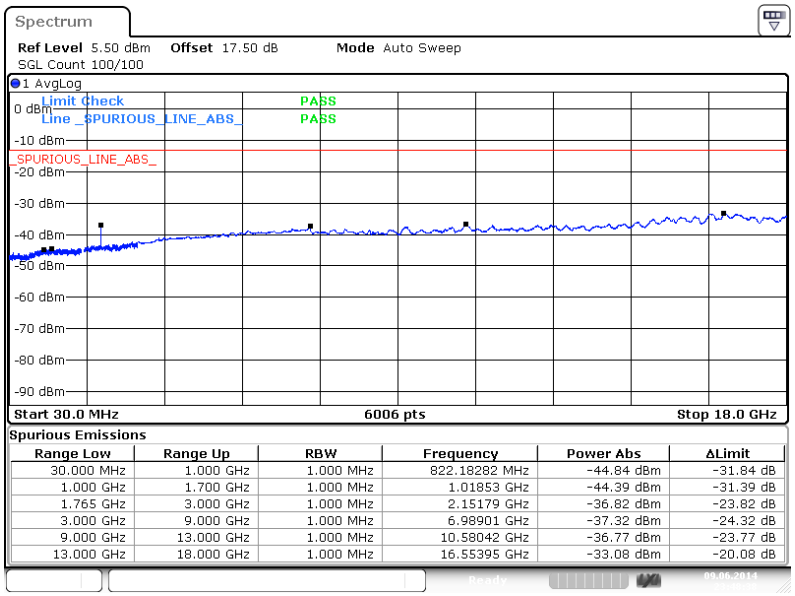
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.21878 MHz	-44.48 dBm	-31.48 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69266 GHz	-44.19 dBm	-31.19 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13328 GHz	-37.00 dBm	-24.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98901 GHz	-37.17 dBm	-24.17 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58841 GHz	-36.76 dBm	-23.76 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54895 GHz	-33.08 dBm	-20.08 dB

Date: 9.JUN.2014 23:44:08

Band :	LTE Band 4	Channel :	CH20325 (High)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)

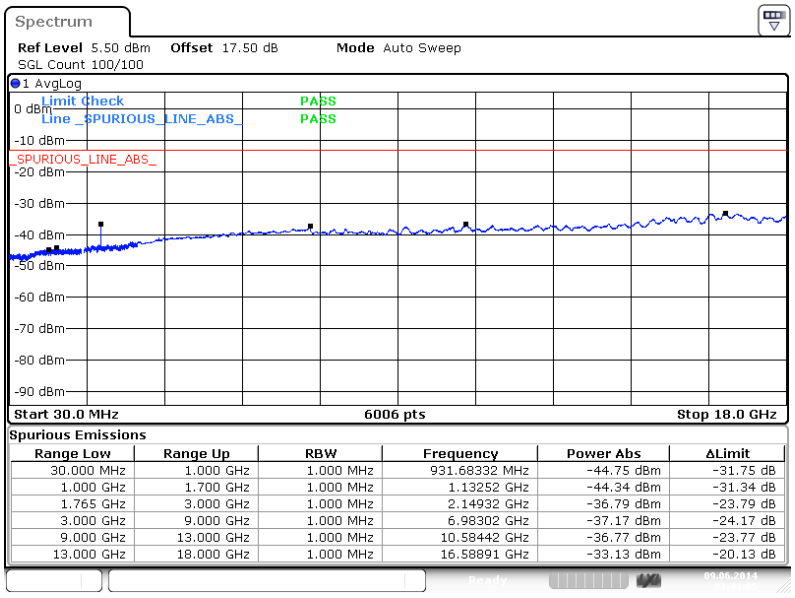


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	822.18282 MHz	-44.84 dBm	-31.84 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.01853 GHz	-44.39 dBm	-31.39 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.15179 GHz	-36.82 dBm	-23.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98901 GHz	-37.32 dBm	-24.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58042 GHz	-36.77 dBm	-23.77 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55395 GHz	-33.08 dBm	-20.08 dB

Date: 9.JUN.2014 23:48:38

16QAM (RB Size 1, RB Offset 0)



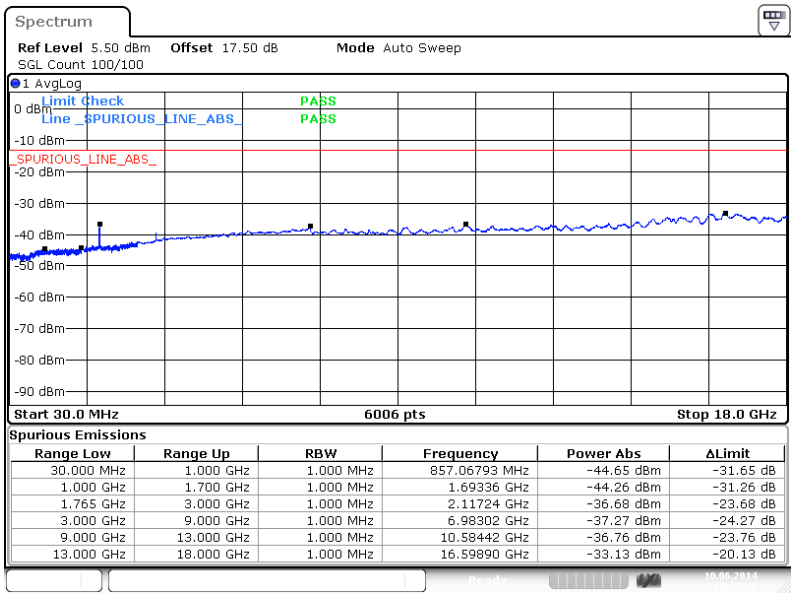
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.68332 MHz	-44.75 dBm	-31.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.13252 GHz	-44.34 dBm	-31.34 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.14932 GHz	-36.79 dBm	-23.79 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-37.17 dBm	-24.17 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58442 GHz	-36.77 dBm	-23.77 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58891 GHz	-33.13 dBm	-20.13 dB

Date: 9.JUN.2014 23:43:05

Band :	LTE Band 4	Channel :	CH20050 (Low)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)

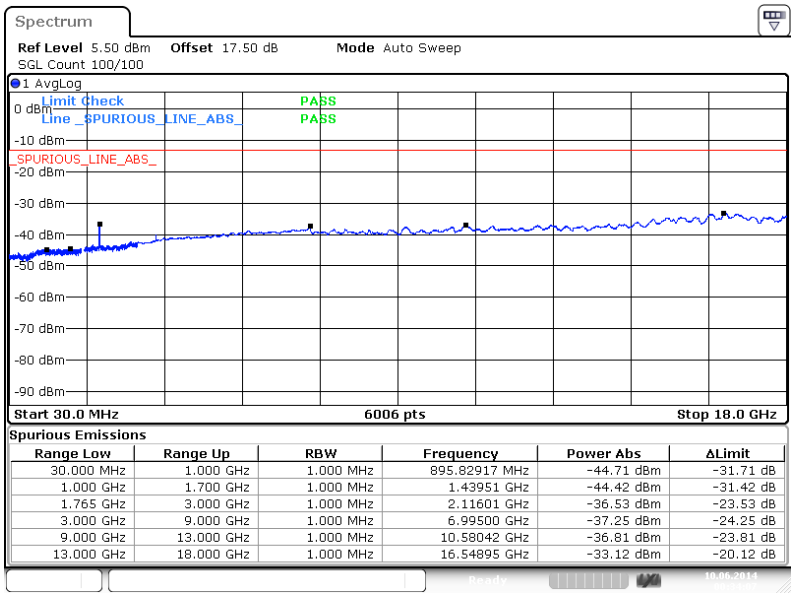


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	857.06793 MHz	-44.65 dBm	-31.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69336 GHz	-44.26 dBm	-31.26 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11724 GHz	-36.68 dBm	-23.68 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-37.27 dBm	-24.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58442 GHz	-36.76 dBm	-23.76 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.59890 GHz	-33.13 dBm	-20.13 dB

Date: 10.JUN.2014 00:35:49

16QAM (RB Size 1, RB Offset 0)



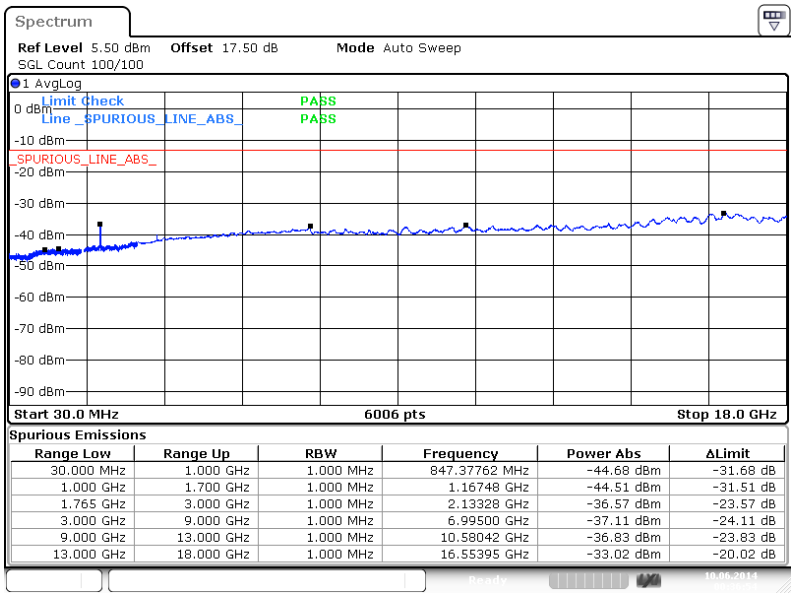
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	895.82917 MHz	-44.71 dBm	-31.71 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.43951 GHz	-44.42 dBm	-31.42 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11601 GHz	-36.53 dBm	-23.53 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99500 GHz	-37.25 dBm	-24.25 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58042 GHz	-36.81 dBm	-23.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54895 GHz	-33.12 dBm	-20.12 dB

Date: 10.JUN.2014 00:34:07

Band :	LTE Band 4	Channel :	CH20175 (Middle)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)

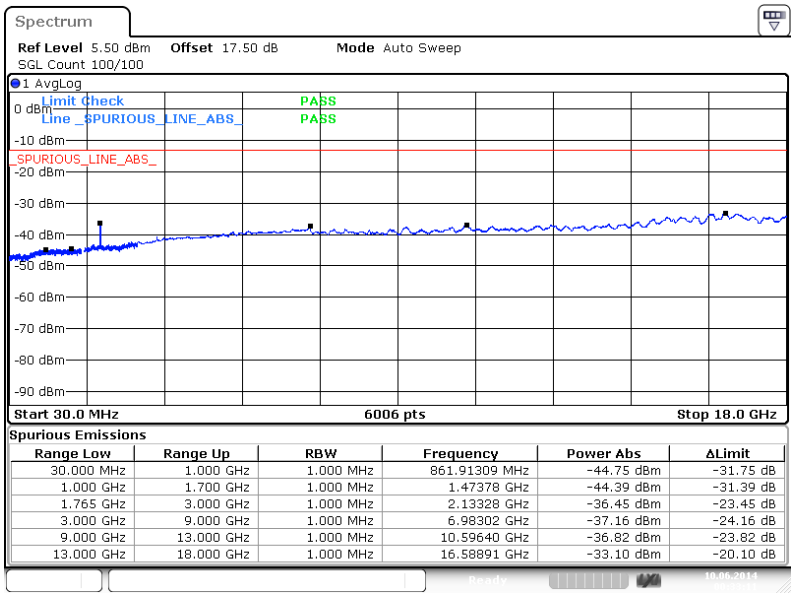


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	847.37762 MHz	-44.68 dBm	-31.68 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.16748 GHz	-44.51 dBm	-31.51 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13328 GHz	-36.57 dBm	-23.57 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99500 GHz	-37.11 dBm	-24.11 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58042 GHz	-36.83 dBm	-23.83 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55395 GHz	-33.02 dBm	-20.02 dB

Date: 10.JUN.2014 00:36:54

16QAM (RB Size 1, RB Offset 0)



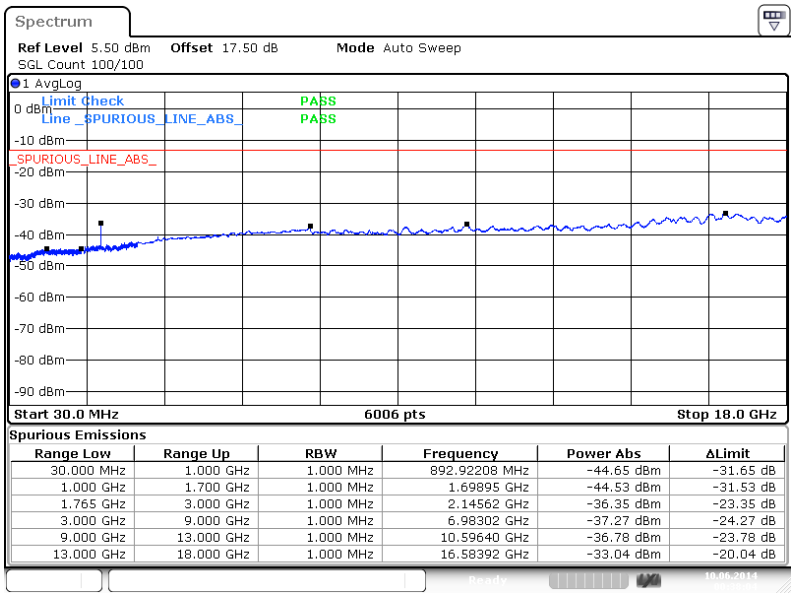
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	861.91309 MHz	-44.75 dBm	-31.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.47378 GHz	-44.39 dBm	-31.39 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13328 GHz	-36.45 dBm	-23.45 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-37.16 dBm	-24.16 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59640 GHz	-36.82 dBm	-23.82 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58891 GHz	-33.10 dBm	-20.10 dB

Date: 10.JUN.2014 00:33:11

Band :	LTE Band 4	Channel :	CH20300 (High)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)

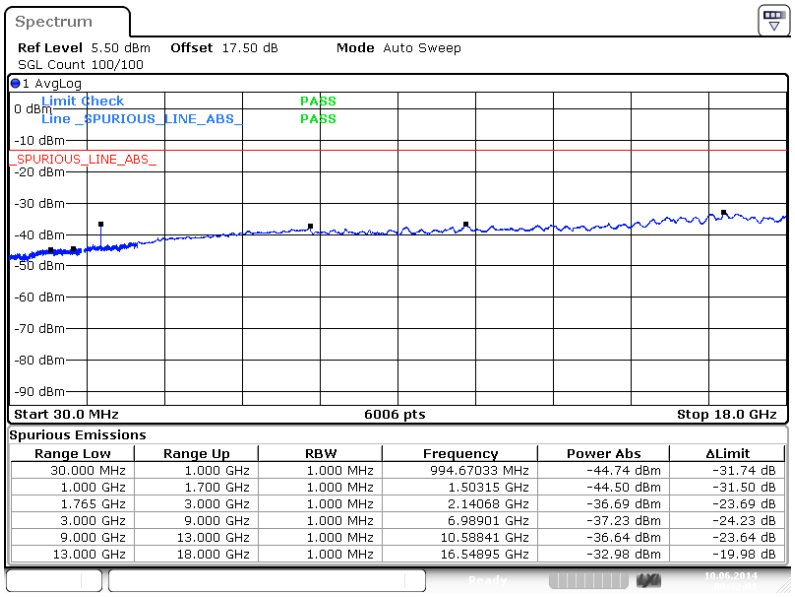


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.92208 MHz	-44.65 dBm	-31.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69895 GHz	-44.53 dBm	-31.53 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.14562 GHz	-36.35 dBm	-23.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98302 GHz	-37.27 dBm	-24.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59640 GHz	-36.78 dBm	-23.78 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58392 GHz	-33.04 dBm	-20.04 dB

Date: 10.JUN.2014 00:38:04

16QAM (RB Size 1, RB Offset 0)



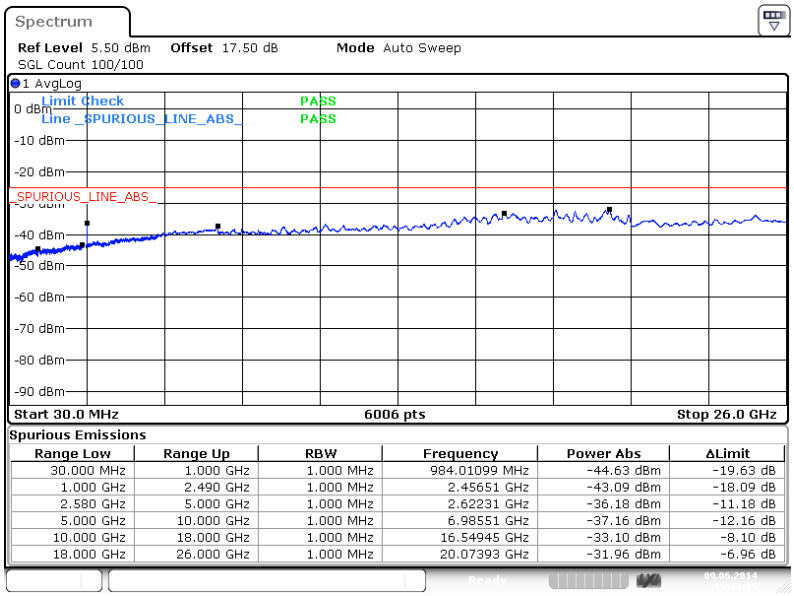
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.67033 MHz	-44.74 dBm	-31.74 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.50315 GHz	-44.50 dBm	-31.50 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.14068 GHz	-36.69 dBm	-23.69 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98901 GHz	-37.23 dBm	-24.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58841 GHz	-36.64 dBm	-23.64 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54895 GHz	-32.98 dBm	-19.98 dB

Date: 10.JUN.2014 00:32:01

Band :	LTE Band 7	Channel :	CH20775 (Low)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

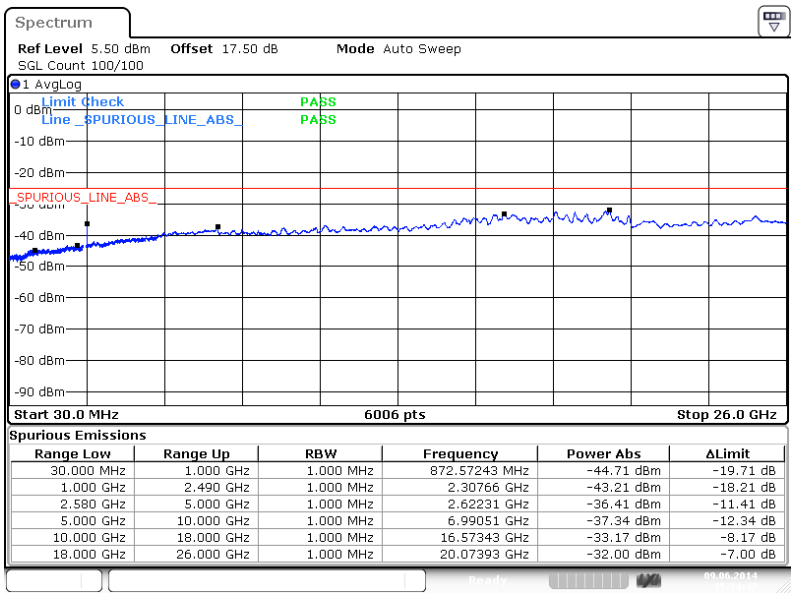


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.01099 MHz	-44.63 dBm	-19.63 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45651 GHz	-43.09 dBm	-18.09 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.62231 GHz	-36.18 dBm	-11.18 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98551 GHz	-37.16 dBm	-12.16 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54945 GHz	-33.10 dBm	-8.10 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.07393 GHz	-31.96 dBm	-6.96 dB

Date: 9.JUN.2014 15:53:36

16QAM (RB Size 1, RB Offset 0)



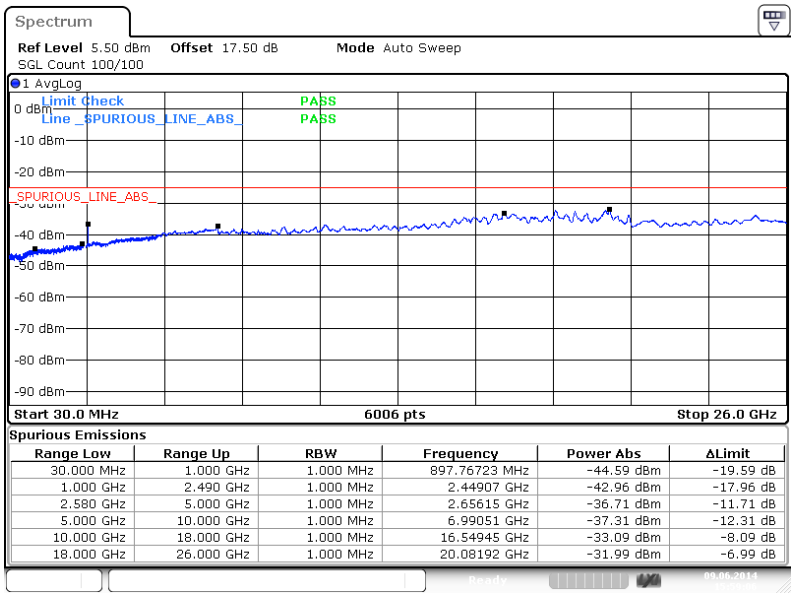
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	872.57243 MHz	-44.71 dBm	-19.71 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.30766 GHz	-43.21 dBm	-18.21 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.62231 GHz	-36.41 dBm	-11.41 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99051 GHz	-37.34 dBm	-12.34 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.57343 GHz	-33.17 dBm	-8.17 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.07393 GHz	-32.00 dBm	-7.00 dB

Date: 9.JUN.2014 15:54:47

Band :	LTE Band 7	Channel :	CH21100 (Middle)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

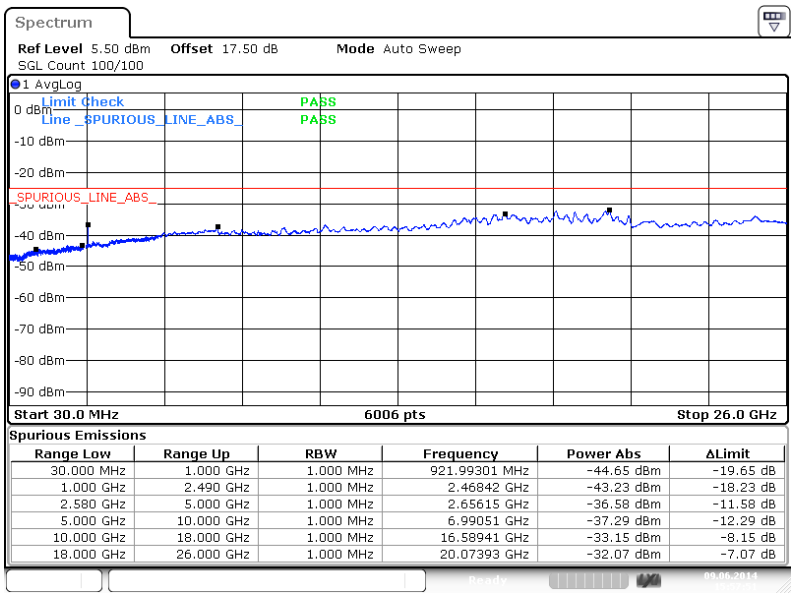


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.76723 MHz	-44.59 dBm	-19.59 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.44907 GHz	-42.96 dBm	-17.96 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.65615 GHz	-36.71 dBm	-11.71 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99051 GHz	-37.31 dBm	-12.31 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54945 GHz	-33.09 dBm	-8.09 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08192 GHz	-31.99 dBm	-6.99 dB

Date: 9.JUN.2014 15:59:06

16QAM (RB Size 1, RB Offset 0)



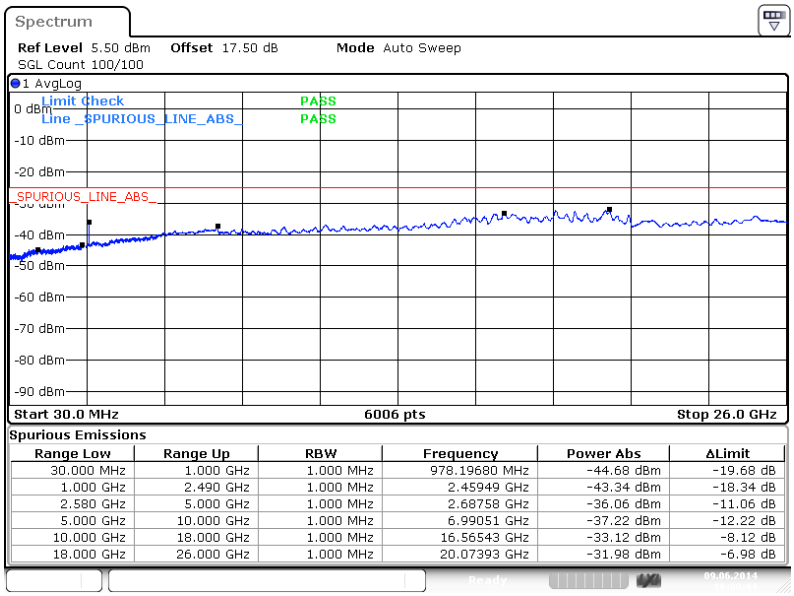
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.99301 MHz	-44.65 dBm	-19.65 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46842 GHz	-43.23 dBm	-18.23 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.65615 GHz	-36.58 dBm	-11.58 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99051 GHz	-37.29 dBm	-12.29 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.58941 GHz	-33.15 dBm	-8.15 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.07393 GHz	-32.07 dBm	-7.07 dB

Date: 9.JUN.2014 15:57:51

Band :	LTE Band 7	Channel :	CH21425 (High)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

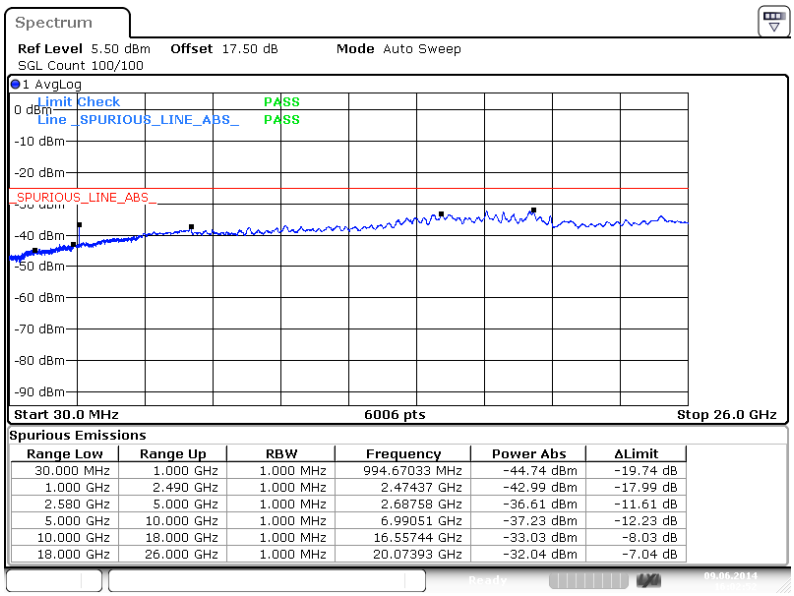


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.19680 MHz	-44.68 dBm	-19.68 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45949 GHz	-43.34 dBm	-18.34 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.68758 GHz	-36.06 dBm	-11.06 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99051 GHz	-37.22 dBm	-12.22 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.56543 GHz	-33.12 dBm	-8.12 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.07393 GHz	-31.98 dBm	-6.98 dB

Date: 9.JUN.2014 16:00:44

16QAM (RB Size 1, RB Offset 0)



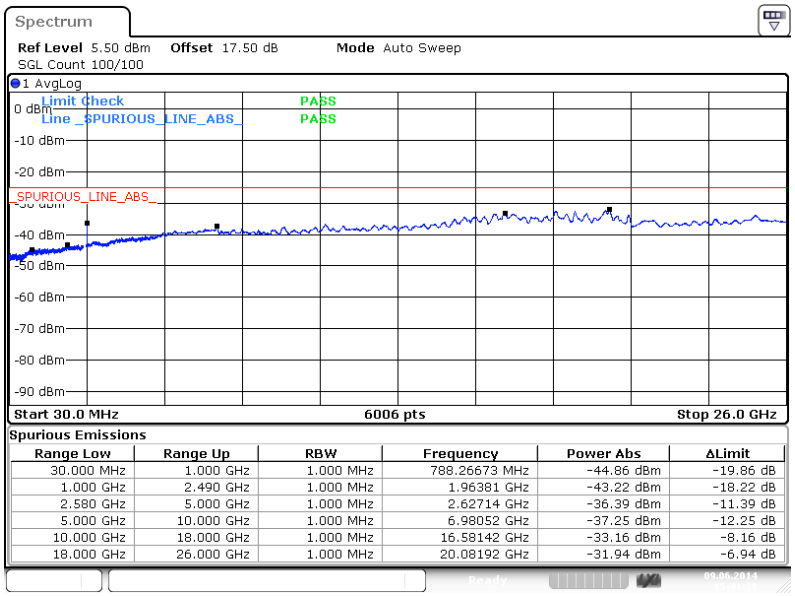
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.67033 MHz	-44.74 dBm	-19.74 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47437 GHz	-42.99 dBm	-17.99 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.68758 GHz	-36.61 dBm	-11.61 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99051 GHz	-37.23 dBm	-12.23 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.55744 GHz	-33.03 dBm	-8.03 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.07393 GHz	-32.04 dBm	-7.04 dB

Date: 9.JUN.2014 16:02:52

Band :	LTE Band 7	Channel :	CH20800 (Low)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

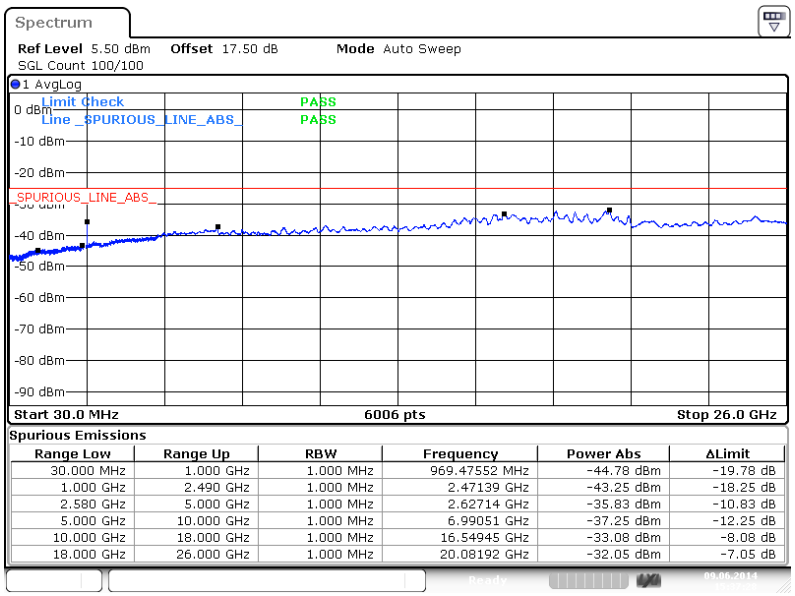


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	788.26673 MHz	-44.86 dBm	-19.86 dB
1.000 GHz	2.490 GHz	1.000 MHz	1.96381 GHz	-43.22 dBm	-18.22 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.62714 GHz	-36.39 dBm	-11.39 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98052 GHz	-37.25 dBm	-12.25 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.58142 GHz	-33.16 dBm	-8.16 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08192 GHz	-31.94 dBm	-6.94 dB

Date: 9.JUN.2014 15:41:21

16QAM (RB Size 1, RB Offset 0)



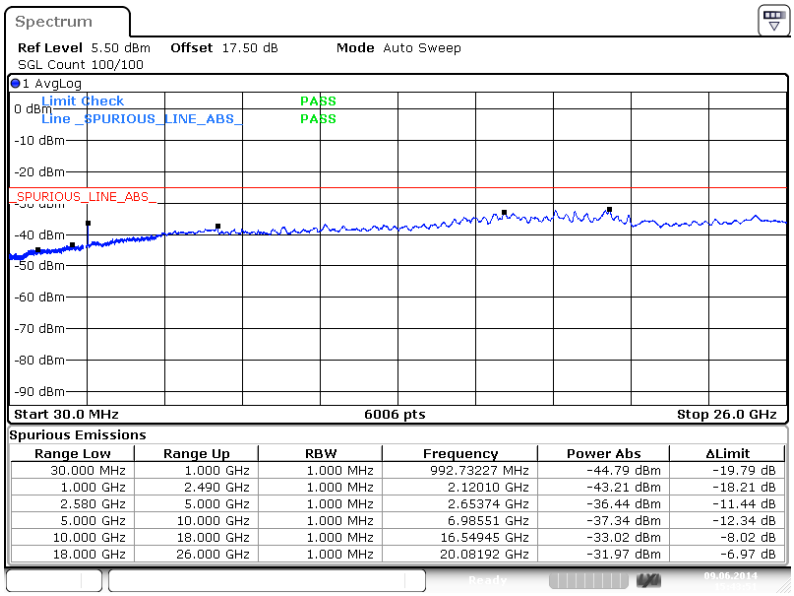
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.47552 MHz	-44.78 dBm	-19.78 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47139 GHz	-43.25 dBm	-18.25 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.62714 GHz	-35.83 dBm	-10.83 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99051 GHz	-37.25 dBm	-12.25 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54945 GHz	-33.08 dBm	-8.08 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08192 GHz	-32.05 dBm	-7.05 dB

Date: 9.JUN.2014 15:37:28

Band :	LTE Band 7	Channel :	CH21100 (Middle)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

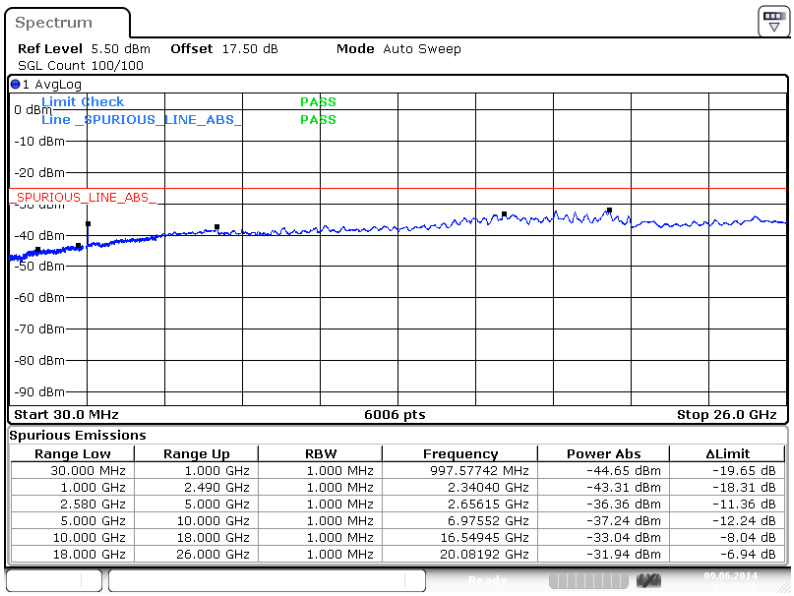


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.73227 MHz	-44.79 dBm	-19.79 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12010 GHz	-43.21 dBm	-18.21 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.65374 GHz	-36.44 dBm	-11.44 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98551 GHz	-37.34 dBm	-12.34 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54945 GHz	-33.02 dBm	-8.02 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08192 GHz	-31.97 dBm	-6.97 dB

Date: 9.JUN.2014 15:43:51

16QAM (RB Size 1, RB Offset 0)



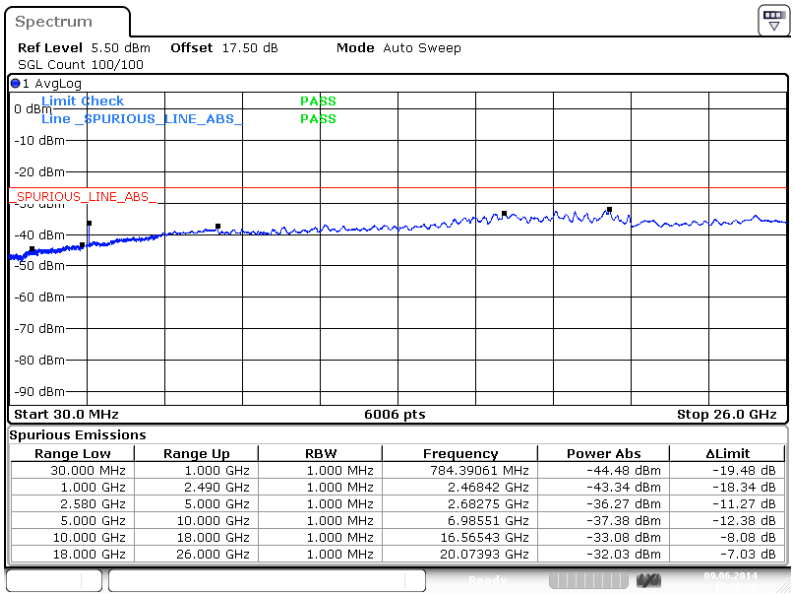
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.57742 MHz	-44.65 dBm	-19.65 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.34040 GHz	-43.31 dBm	-18.31 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.65615 GHz	-36.36 dBm	-11.36 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97552 GHz	-37.24 dBm	-12.24 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54945 GHz	-33.04 dBm	-8.04 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08192 GHz	-31.94 dBm	-6.94 dB

Date: 9.JUN.2014 15:45:28

Band :	LTE Band 7	Channel :	CH21400 (High)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

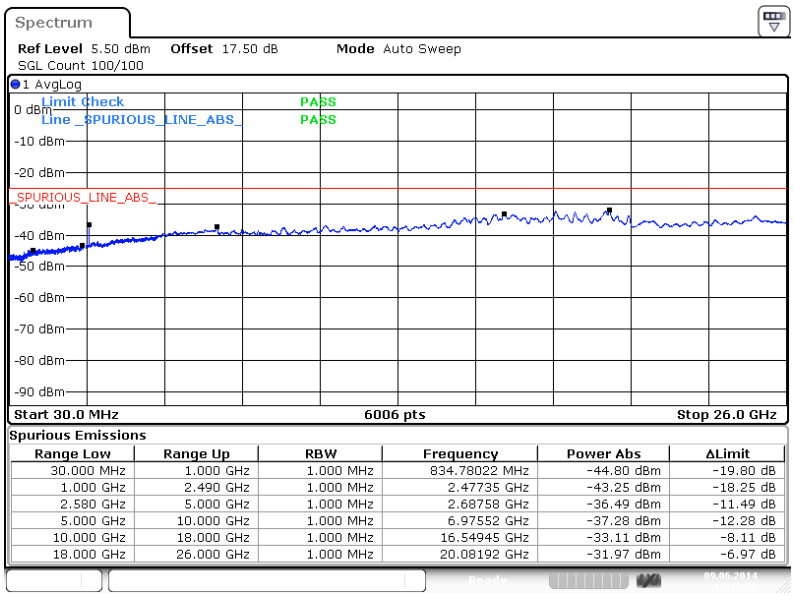


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	784.39061 MHz	-44.48 dBm	-19.48 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46842 GHz	-43.34 dBm	-18.34 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.68275 GHz	-36.27 dBm	-11.27 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98551 GHz	-37.38 dBm	-12.38 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.56543 GHz	-33.08 dBm	-8.08 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.07393 GHz	-32.03 dBm	-7.03 dB

Date: 9.JUN.2014 15:50:20

16QAM (RB Size 1, RB Offset 0)



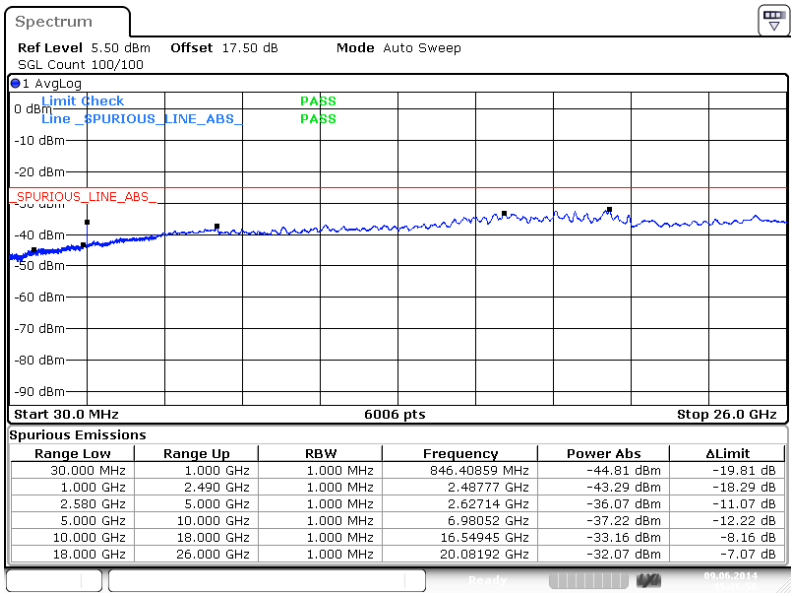
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	834.78022 MHz	-44.80 dBm	-19.80 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47735 GHz	-43.25 dBm	-18.25 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.68758 GHz	-36.49 dBm	-11.49 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97552 GHz	-37.28 dBm	-12.28 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54945 GHz	-33.11 dBm	-8.11 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08192 GHz	-31.97 dBm	-6.97 dB

Date: 9.JUN.2014 15:47:59

Band :	LTE Band 7	Channel :	CH20825 (Low)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)

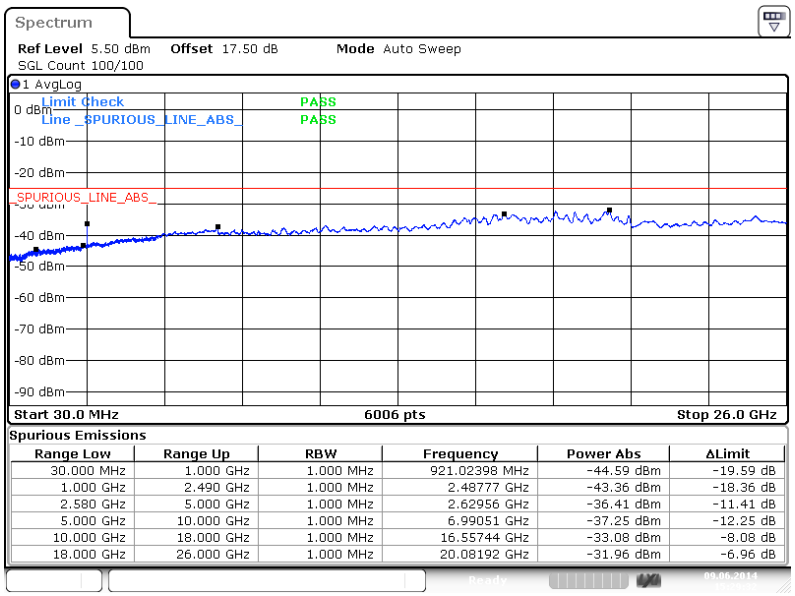


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	846.40859 MHz	-44.81 dBm	-19.81 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-43.29 dBm	-18.29 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.62714 GHz	-36.07 dBm	-11.07 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98052 GHz	-37.22 dBm	-12.22 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54945 GHz	-33.16 dBm	-8.16 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08192 GHz	-32.07 dBm	-7.07 dB

Date: 9.JUN.2014 15:26:50

16QAM (RB Size 1, RB Offset 0)



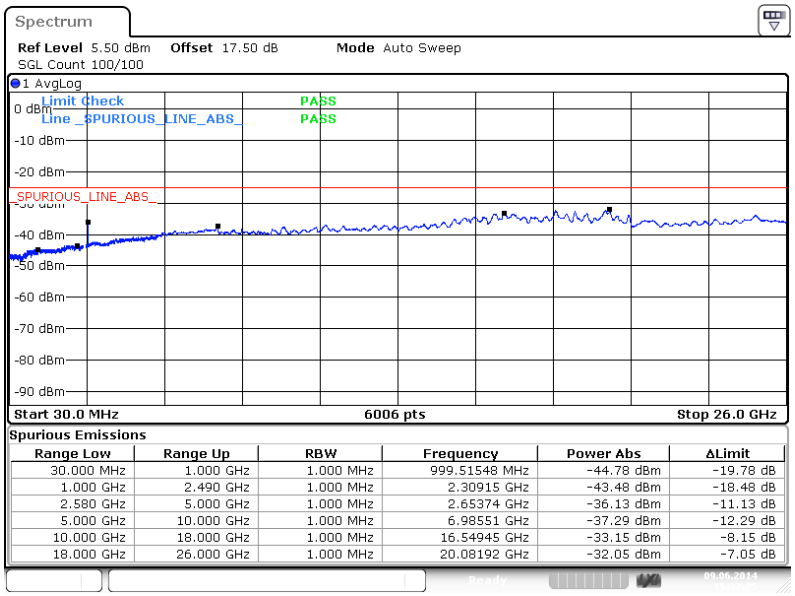
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.02398 MHz	-44.59 dBm	-19.59 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-43.36 dBm	-18.36 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.62956 GHz	-36.41 dBm	-11.41 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99051 GHz	-37.25 dBm	-12.25 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.55744 GHz	-33.08 dBm	-8.08 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08192 GHz	-31.96 dBm	-6.96 dB

Date: 9.JUN.2014 15:29:32

Band :	LTE Band 7	Channel :	CH21100 (Middle)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)

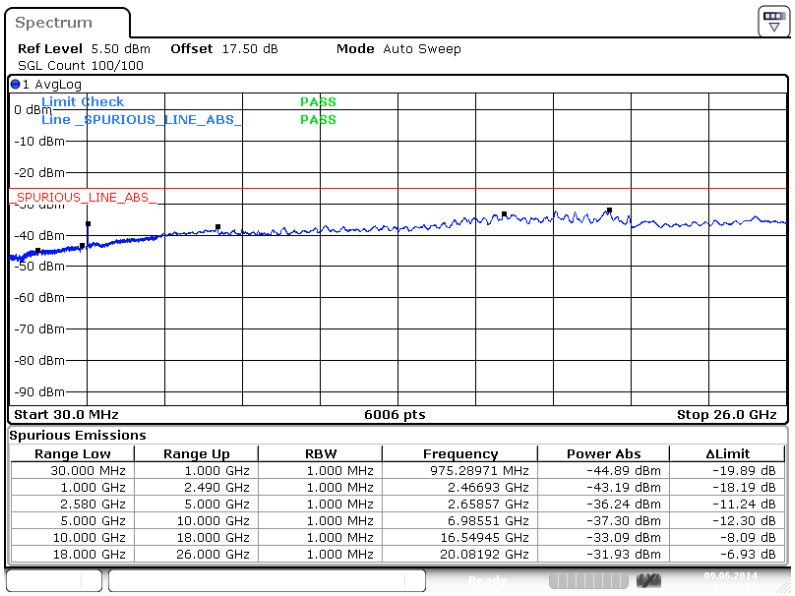


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.51548 MHz	-44.78 dBm	-19.78 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.30915 GHz	-43.48 dBm	-18.48 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.65374 GHz	-36.13 dBm	-11.13 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98551 GHz	-37.29 dBm	-12.29 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54945 GHz	-33.15 dBm	-8.15 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08192 GHz	-32.05 dBm	-7.05 dB

Date: 9.JUN.2014 15:32:25

16QAM (RB Size 1, RB Offset 0)



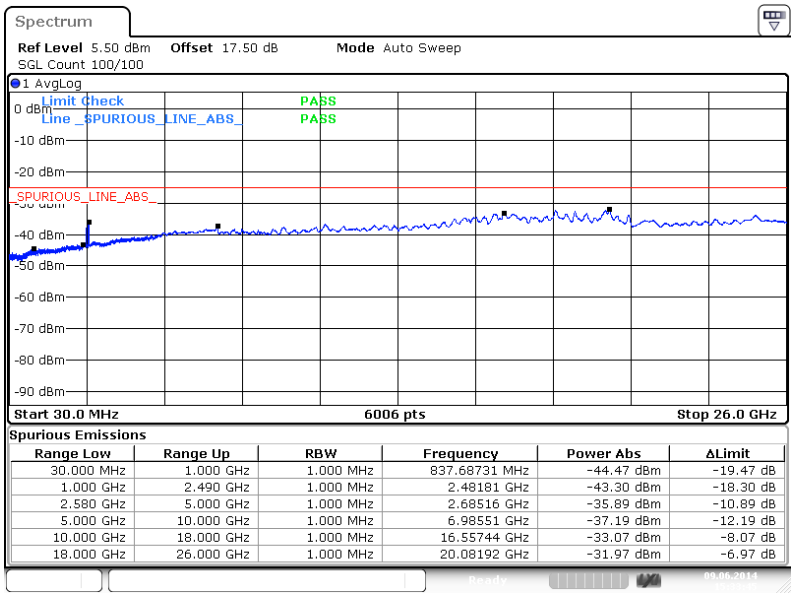
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	975.28971 MHz	-44.89 dBm	-19.89 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46693 GHz	-43.19 dBm	-18.19 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.65857 GHz	-36.24 dBm	-11.24 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98551 GHz	-37.30 dBm	-12.30 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54945 GHz	-33.09 dBm	-8.09 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08192 GHz	-31.93 dBm	-6.93 dB

Date: 9.JUN.2014 15:30:53

Band :	LTE Band 7	Channel :	CH21375 (High)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)

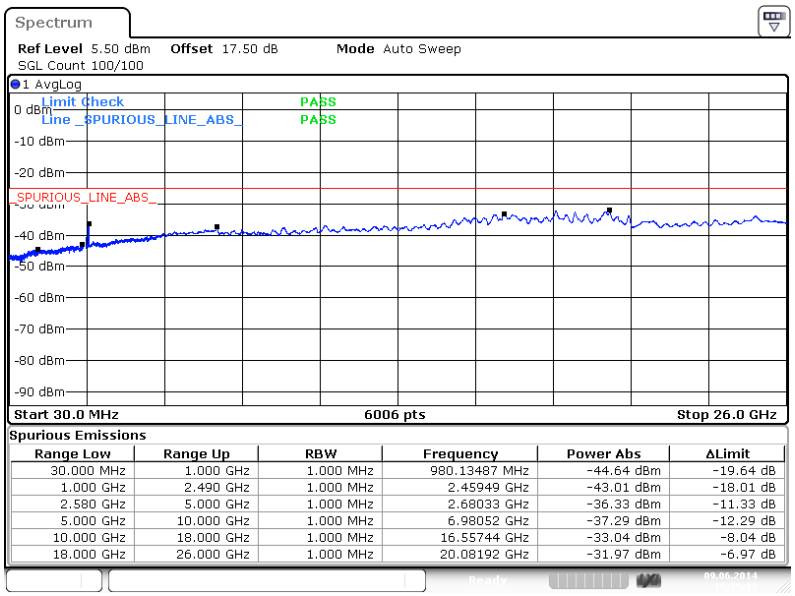


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	837.68731 MHz	-44.47 dBm	-19.47 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48181 GHz	-43.30 dBm	-18.30 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.68516 GHz	-35.89 dBm	-10.89 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98551 GHz	-37.19 dBm	-12.19 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.55744 GHz	-33.07 dBm	-8.07 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08192 GHz	-31.97 dBm	-6.97 dB

Date: 9.JUN.2014 15:33:45

16QAM (RB Size 1, RB Offset 0)



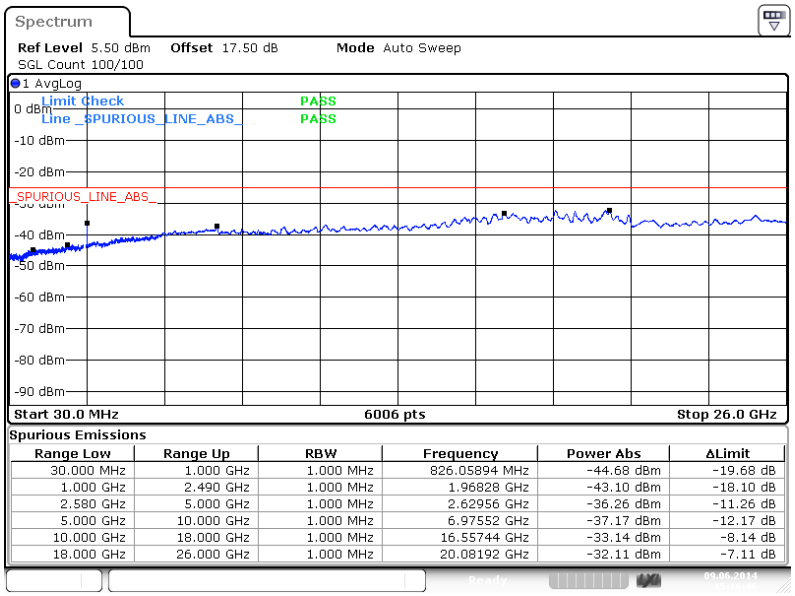
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.13487 MHz	-44.64 dBm	-19.64 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45949 GHz	-43.01 dBm	-18.01 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.68033 GHz	-36.33 dBm	-11.33 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98052 GHz	-37.29 dBm	-12.29 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.55744 GHz	-33.04 dBm	-8.04 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08192 GHz	-31.97 dBm	-6.97 dB

Date: 9.JUN.2014 15:35:33

Band :	LTE Band 7	Channel :	CH20850 (Low)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)

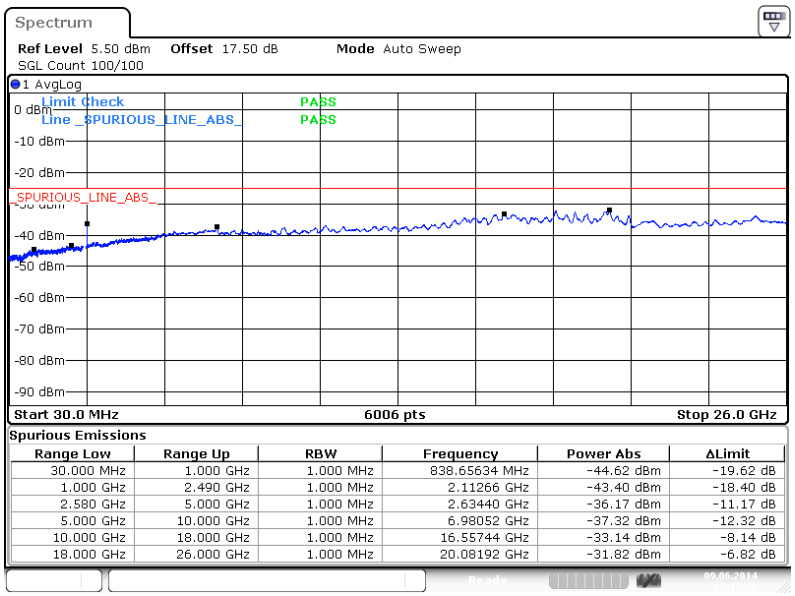


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	826.05894 MHz	-44.68 dBm	-19.68 dB
1.000 GHz	2.490 GHz	1.000 MHz	1.96828 GHz	-43.10 dBm	-18.10 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.62956 GHz	-36.26 dBm	-11.26 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97552 GHz	-37.17 dBm	-12.17 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.55744 GHz	-33.14 dBm	-8.14 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08192 GHz	-32.11 dBm	-7.11 dB

Date: 9.JUN.2014 15:16:46

16QAM (RB Size 1, RB Offset 0)



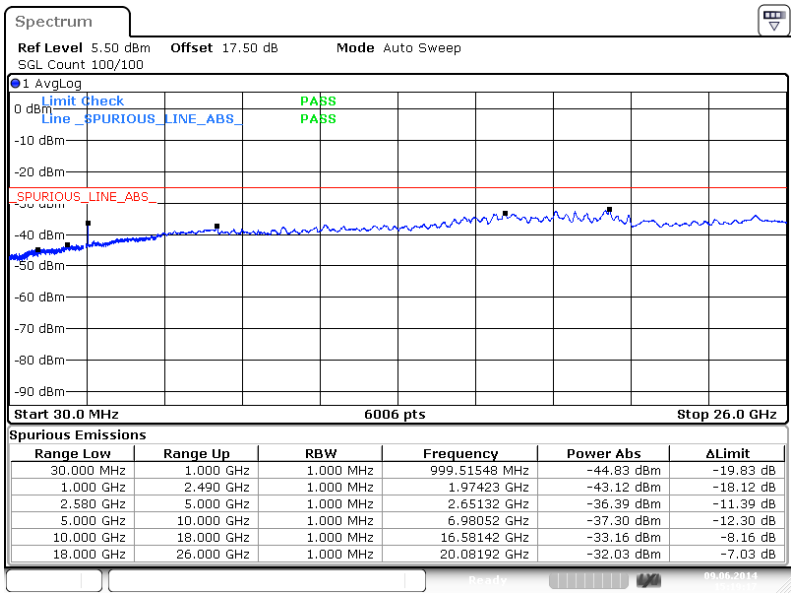
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	838.65634 MHz	-44.62 dBm	-19.62 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.11266 GHz	-43.40 dBm	-18.40 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.63440 GHz	-36.17 dBm	-11.17 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98052 GHz	-37.32 dBm	-12.32 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.55744 GHz	-33.14 dBm	-8.14 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08192 GHz	-31.82 dBm	-6.82 dB

Date: 9.JUN.2014 15:15:41

Band :	LTE Band 7	Channel :	CH21100 (Middle)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)

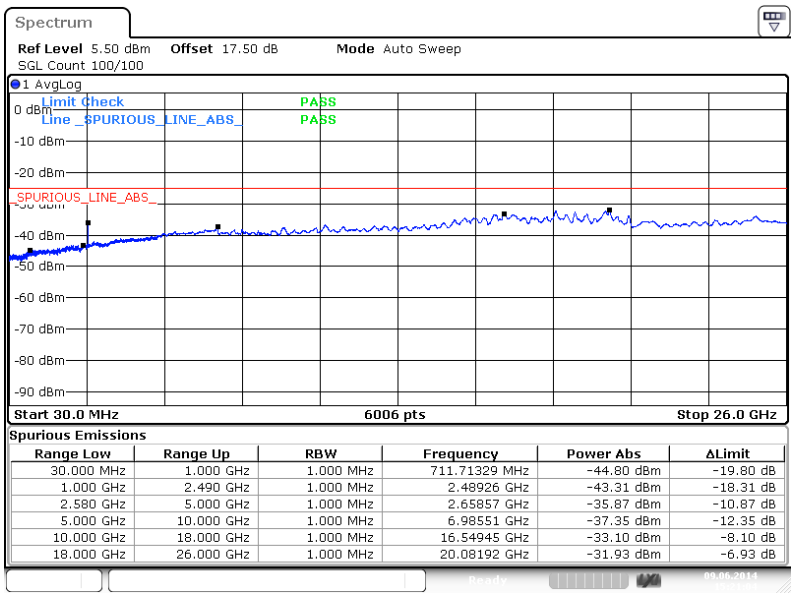


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.51548 MHz	-44.83 dBm	-19.83 dB
1.000 GHz	2.490 GHz	1.000 MHz	1.97423 GHz	-43.12 dBm	-18.12 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.65132 GHz	-36.39 dBm	-11.39 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98052 GHz	-37.30 dBm	-12.30 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.58142 GHz	-33.16 dBm	-8.16 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08192 GHz	-32.03 dBm	-7.03 dB

Date: 9.JUN.2014 15:19:17

16QAM (RB Size 1, RB Offset 0)



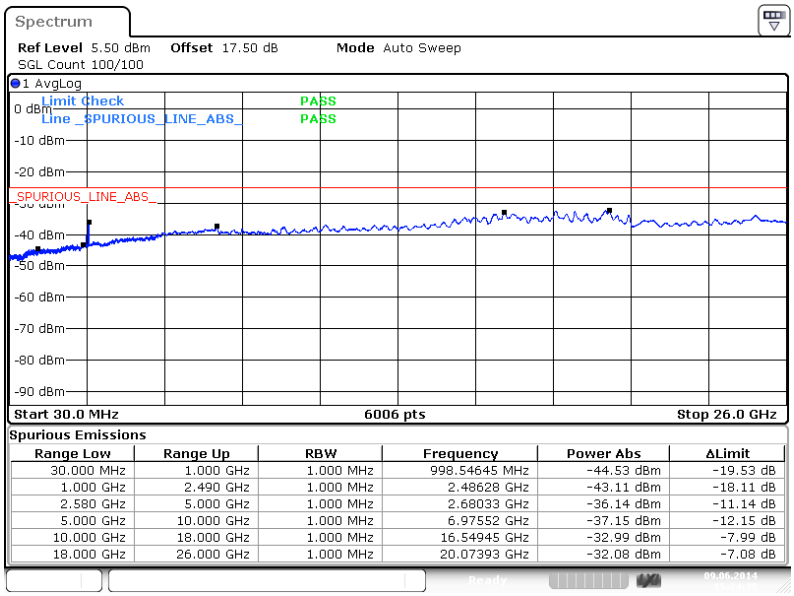
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	711.71329 MHz	-44.80 dBm	-19.80 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48926 GHz	-43.31 dBm	-18.31 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.65857 GHz	-35.87 dBm	-10.87 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98551 GHz	-37.35 dBm	-12.35 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54945 GHz	-33.10 dBm	-8.10 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08192 GHz	-31.93 dBm	-6.93 dB

Date: 9.JUN.2014 15:21:04

Band :	LTE Band 7	Channel :	CH21350 (High)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)

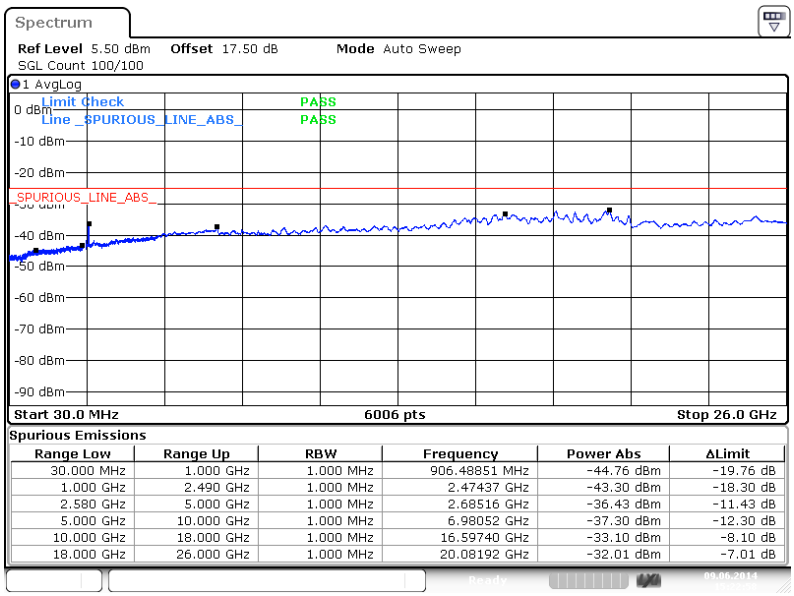


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.54645 MHz	-44.53 dBm	-19.53 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48628 GHz	-43.11 dBm	-18.11 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.68033 GHz	-36.14 dBm	-11.14 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97552 GHz	-37.15 dBm	-12.15 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54945 GHz	-32.99 dBm	-7.99 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.07393 GHz	-32.08 dBm	-7.08 dB

Date: 9.JUN.2014 15:24:39

16QAM (RB Size 1, RB Offset 0)



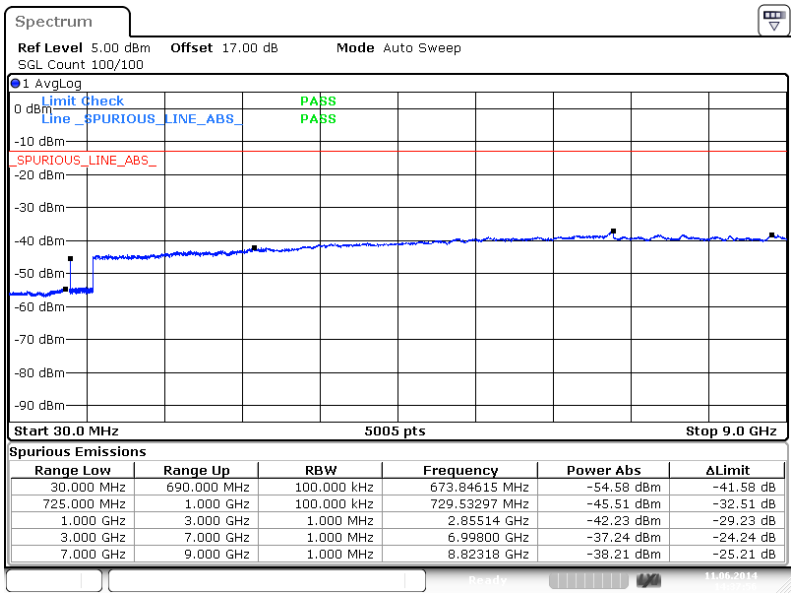
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	906.48851 MHz	-44.76 dBm	-19.76 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47437 GHz	-43.30 dBm	-18.30 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.68516 GHz	-36.43 dBm	-11.43 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98052 GHz	-37.30 dBm	-12.30 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.59740 GHz	-33.10 dBm	-8.10 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08192 GHz	-32.01 dBm	-7.01 dB

Date: 9.JUN.2014 15:22:58

Band :	LTE Band 12	Channel :	CH23017 (Low)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)

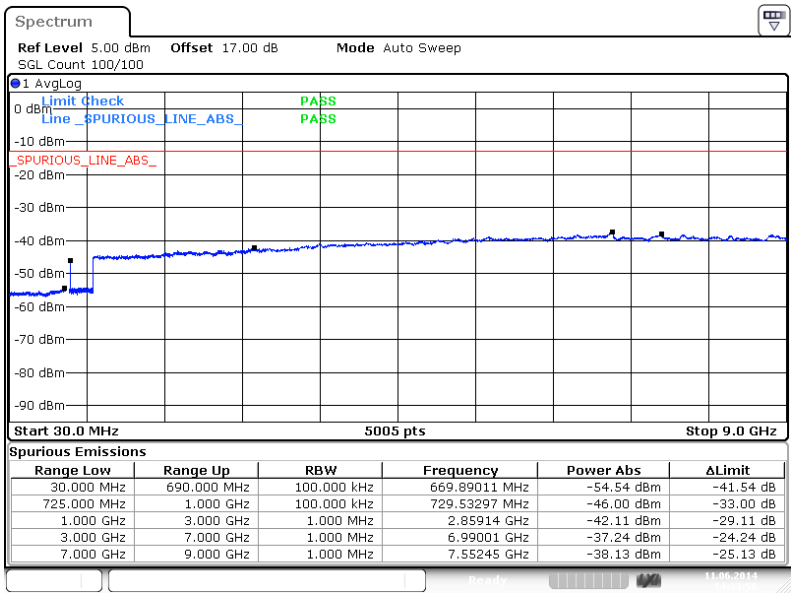


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	673.84615 MHz	-54.58 dBm	-41.58 dB
725.000 MHz	1.000 GHz	100.000 kHz	729.53297 MHz	-45.51 dBm	-32.51 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85514 GHz	-42.23 dBm	-29.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99800 GHz	-37.24 dBm	-24.24 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.82318 GHz	-38.21 dBm	-25.21 dB

Date: 11.JUN.2014 14:37:56

16QAM (RB Size 1, RB Offset 0)



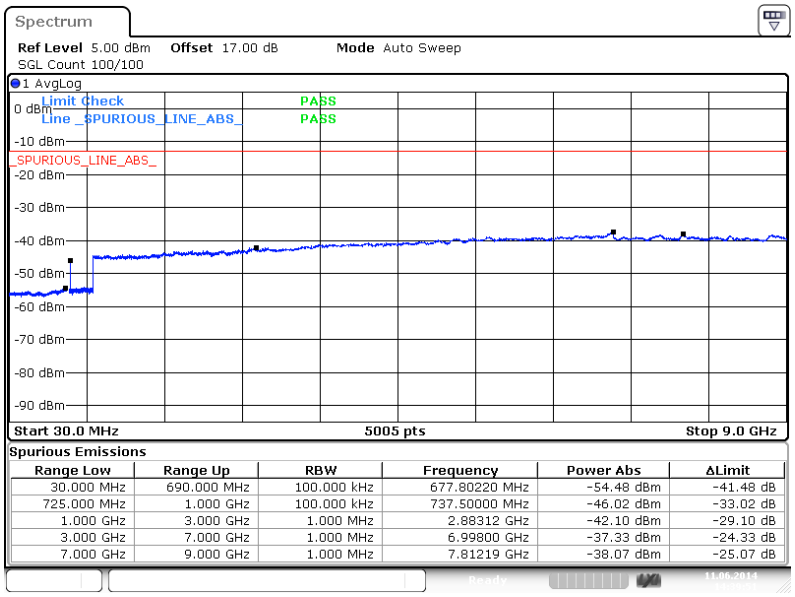
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	669.89011 MHz	-54.54 dBm	-41.54 dB
725.000 MHz	1.000 GHz	100.000 kHz	729.53297 MHz	-46.00 dBm	-33.00 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85914 GHz	-42.11 dBm	-29.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99001 GHz	-37.24 dBm	-24.24 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55245 GHz	-38.13 dBm	-25.13 dB

Date: 11.JUN.2014 14:33:56

Band :	LTE Band 12	Channel :	CH23095 (Middle)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)

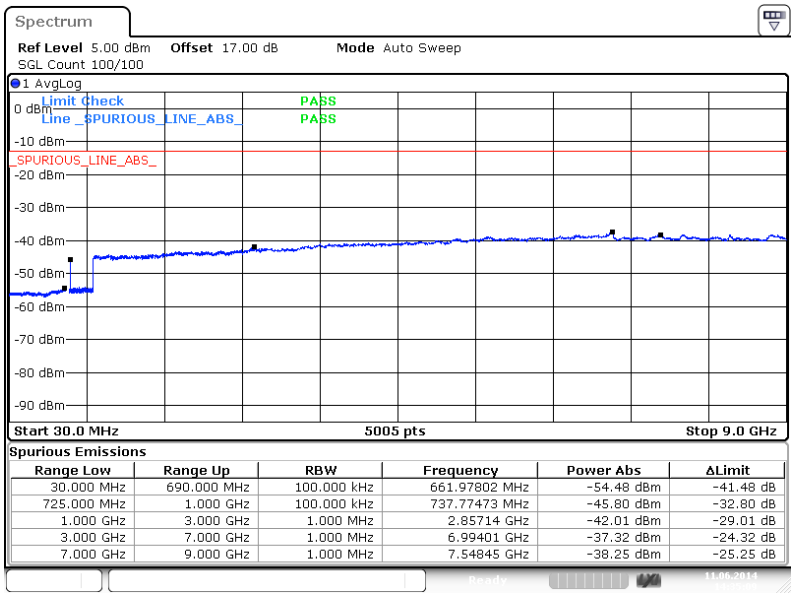


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	677.80220 MHz	-54.48 dBm	-41.48 dB
725.000 MHz	1.000 GHz	100.000 kHz	737.50000 MHz	-46.02 dBm	-33.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.88312 GHz	-42.10 dBm	-29.10 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99800 GHz	-37.33 dBm	-24.33 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.81219 GHz	-38.07 dBm	-25.07 dB

Date: 11.JUN.2014 14:39:51

16QAM (RB Size 1, RB Offset 0)



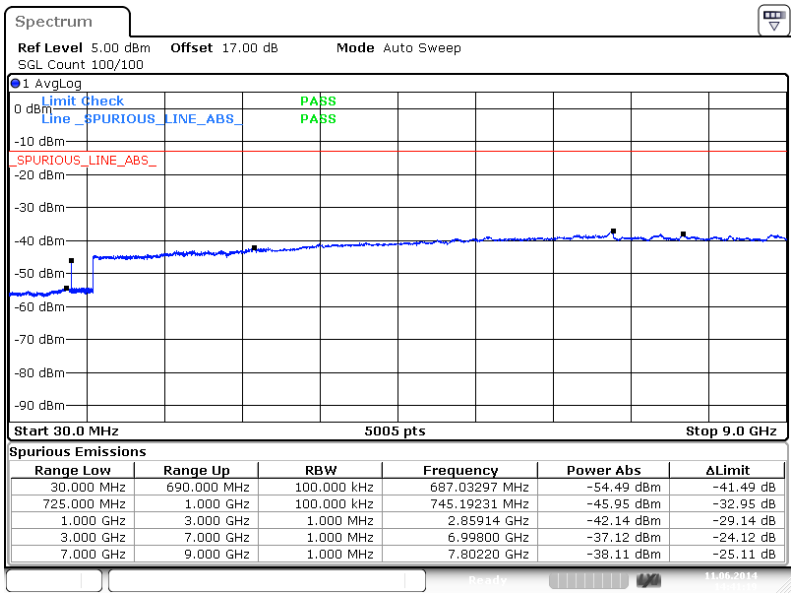
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	661.97802 MHz	-54.48 dBm	-41.48 dB
725.000 MHz	1.000 GHz	100.000 kHz	737.77473 MHz	-45.80 dBm	-32.80 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85714 GHz	-42.01 dBm	-29.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99401 GHz	-37.32 dBm	-24.32 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54845 GHz	-38.25 dBm	-25.25 dB

Date: 11.JUN.2014 14:35:10

Band :	LTE Band 12	Channel :	CH23173 (High)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)

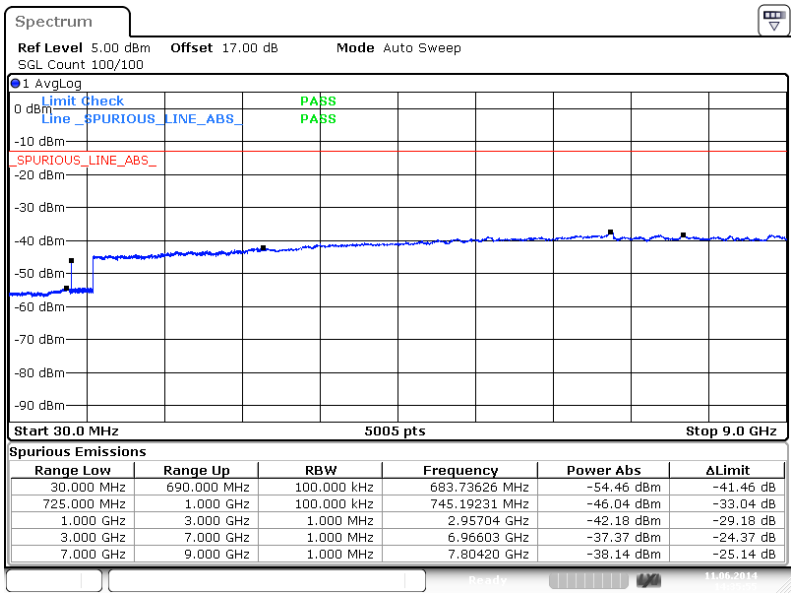


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	687.03297 MHz	-54.49 dBm	-41.49 dB
725.000 MHz	1.000 GHz	100.000 kHz	745.19231 MHz	-45.95 dBm	-32.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85914 GHz	-42.14 dBm	-29.14 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99800 GHz	-37.12 dBm	-24.12 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.80220 GHz	-38.11 dBm	-25.11 dB

Date: 11.JUN.2014 14:41:19

16QAM (RB Size 1, RB Offset 0)



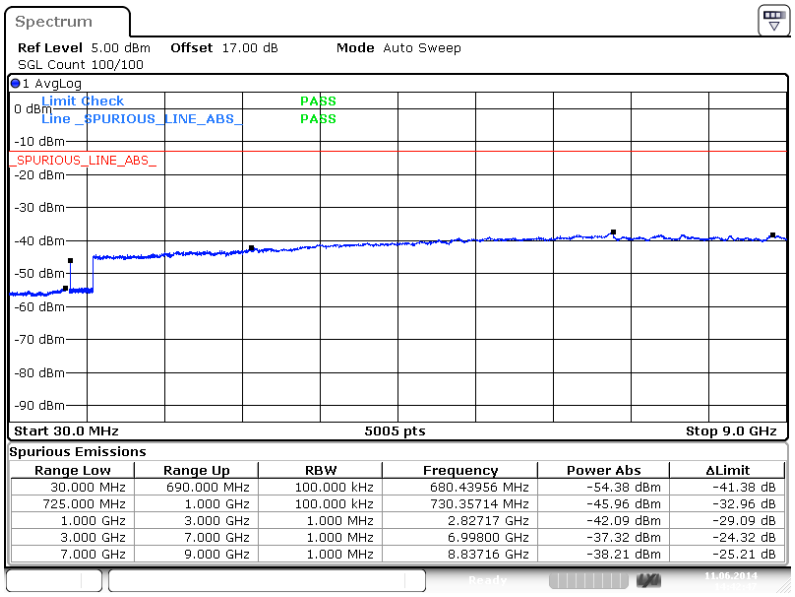
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	683.73626 MHz	-54.46 dBm	-41.46 dB
725.000 MHz	1.000 GHz	100.000 kHz	745.19231 MHz	-46.04 dBm	-33.04 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.95704 GHz	-42.18 dBm	-29.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96603 GHz	-37.37 dBm	-24.37 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.80420 GHz	-38.14 dBm	-25.14 dB

Date: 11.JUN.2014 14:35:55

Band :	LTE Band 12	Channel :	CH23025 (Low)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)

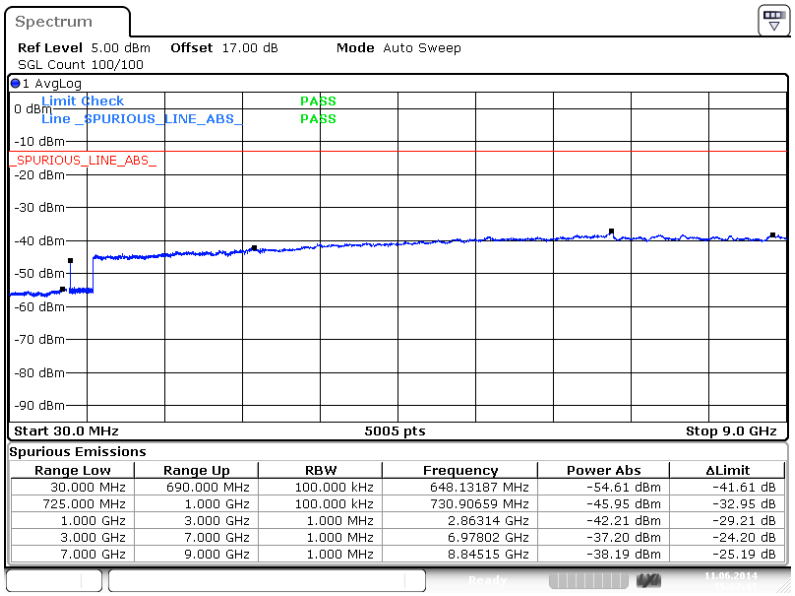


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	680.43956 MHz	-54.38 dBm	-41.38 dB
725.000 MHz	1.000 GHz	100.000 kHz	730.35714 MHz	-45.96 dBm	-32.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.82717 GHz	-42.09 dBm	-29.09 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99800 GHz	-37.32 dBm	-24.32 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.83716 GHz	-38.21 dBm	-25.21 dB

Date: 11.JUN.2014 14:42:48

16QAM (RB Size 1, RB Offset 0)



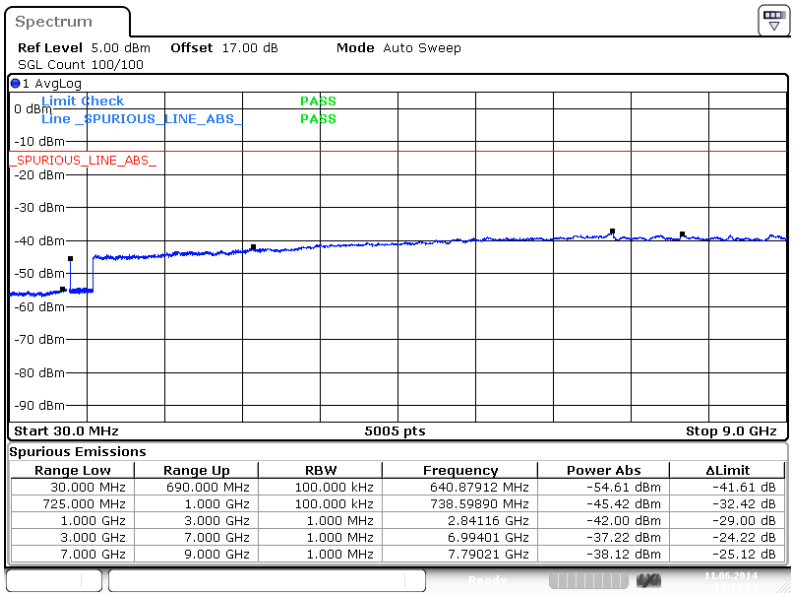
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	648.13187 MHz	-54.61 dBm	-41.61 dB
725.000 MHz	1.000 GHz	100.000 kHz	730.90659 MHz	-45.95 dBm	-32.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.86314 GHz	-42.21 dBm	-29.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97802 GHz	-37.20 dBm	-24.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.84515 GHz	-38.19 dBm	-25.19 dB

Date: 11.JUN.2014 15:02:42

Band :	LTE Band 12	Channel :	CH23095 (Middle)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)

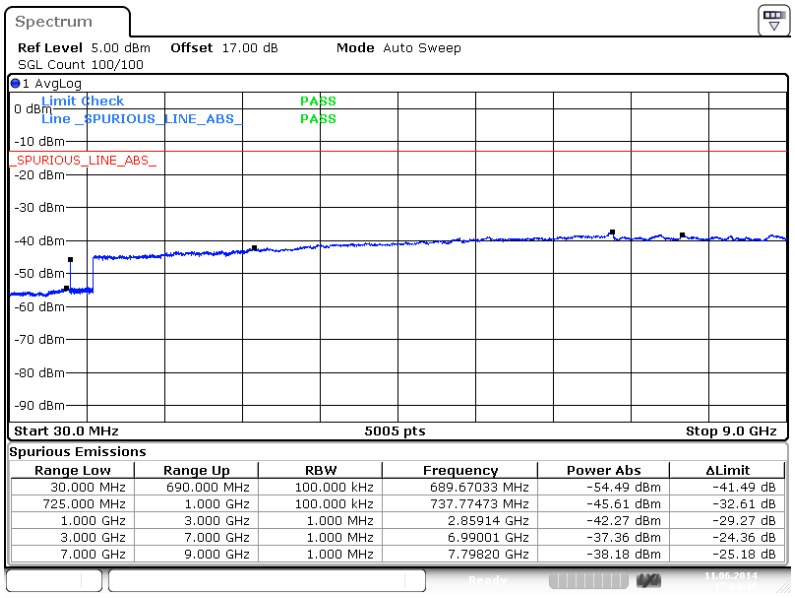


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	640.87912 MHz	-54.61 dBm	-41.61 dB
725.000 MHz	1.000 GHz	100.000 kHz	738.59890 MHz	-45.42 dBm	-32.42 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84116 GHz	-42.00 dBm	-29.00 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99401 GHz	-37.22 dBm	-24.22 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.79021 GHz	-38.12 dBm	-25.12 dB

Date: 11.JUN.2014 14:44:03

16QAM (RB Size 1, RB Offset 0)



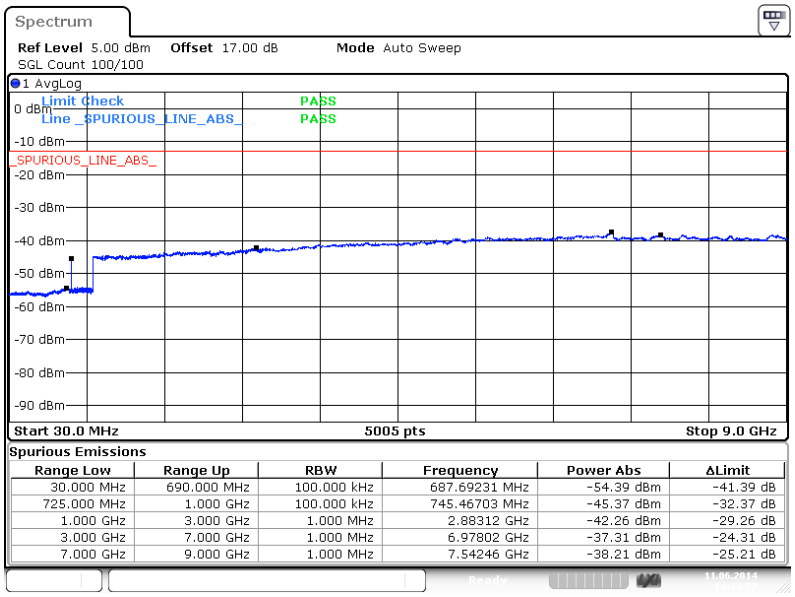
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.67033 MHz	-54.49 dBm	-41.49 dB
725.000 MHz	1.000 GHz	100.000 kHz	737.77473 MHz	-45.61 dBm	-32.61 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85914 GHz	-42.27 dBm	-29.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99001 GHz	-37.36 dBm	-24.36 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.79820 GHz	-38.18 dBm	-25.18 dB

Date: 11.JUN.2014 15:04:40

Band :	LTE Band 12	Channel :	CH23165 (High)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)

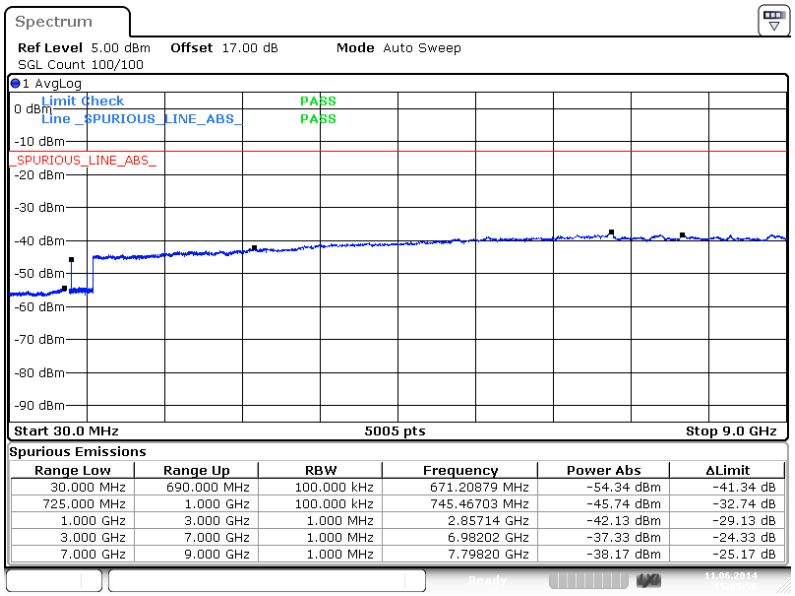


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	687.69231 MHz	-54.39 dBm	-41.39 dB
725.000 MHz	1.000 GHz	100.000 kHz	745.46703 MHz	-45.37 dBm	-32.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.88312 GHz	-42.26 dBm	-29.26 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97802 GHz	-37.31 dBm	-24.31 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54246 GHz	-38.21 dBm	-25.21 dB

Date: 11.JUN.2014 14:44:57

16QAM (RB Size 1, RB Offset 0)



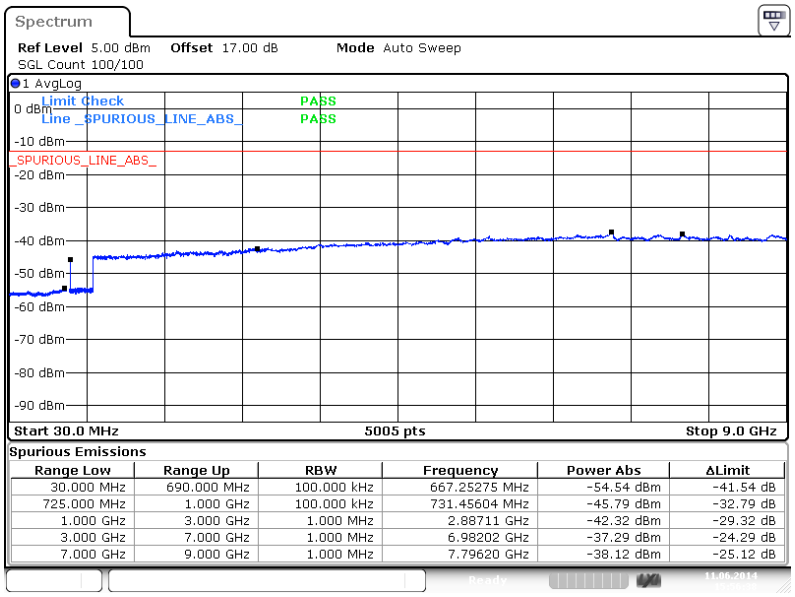
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	671.20879 MHz	-54.34 dBm	-41.34 dB
725.000 MHz	1.000 GHz	100.000 kHz	745.46703 MHz	-45.74 dBm	-32.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85714 GHz	-42.13 dBm	-29.13 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98202 GHz	-37.33 dBm	-24.33 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.79820 GHz	-38.17 dBm	-25.17 dB

Date: 11.JUN.2014 15:05:56

Band :	LTE Band 12	Channel :	CH23035 (Low)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

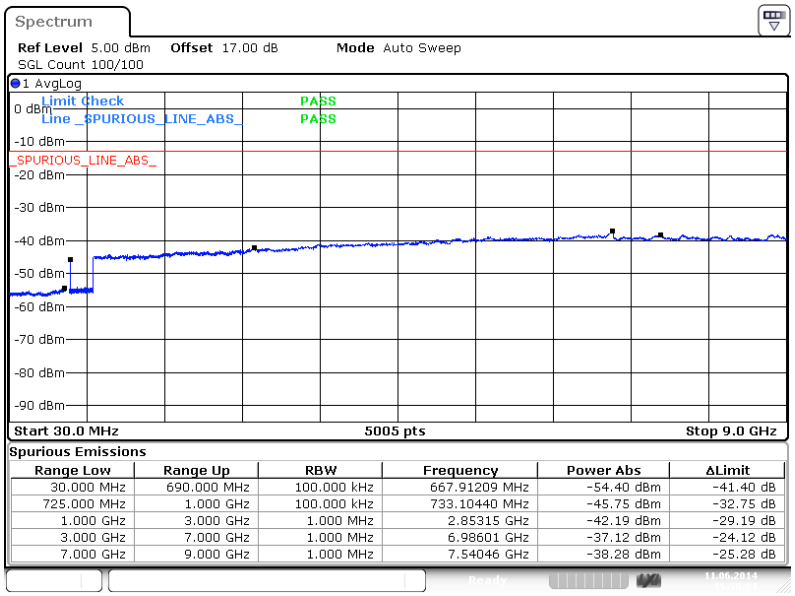


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	667.25275 MHz	-54.54 dBm	-41.54 dB
725.000 MHz	1.000 GHz	100.000 kHz	731.45604 MHz	-45.79 dBm	-32.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.88711 GHz	-42.32 dBm	-29.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98202 GHz	-37.29 dBm	-24.29 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.79620 GHz	-38.12 dBm	-25.12 dB

Date: 11.JUN.2014 15:56:38

16QAM (RB Size 1, RB Offset 0)



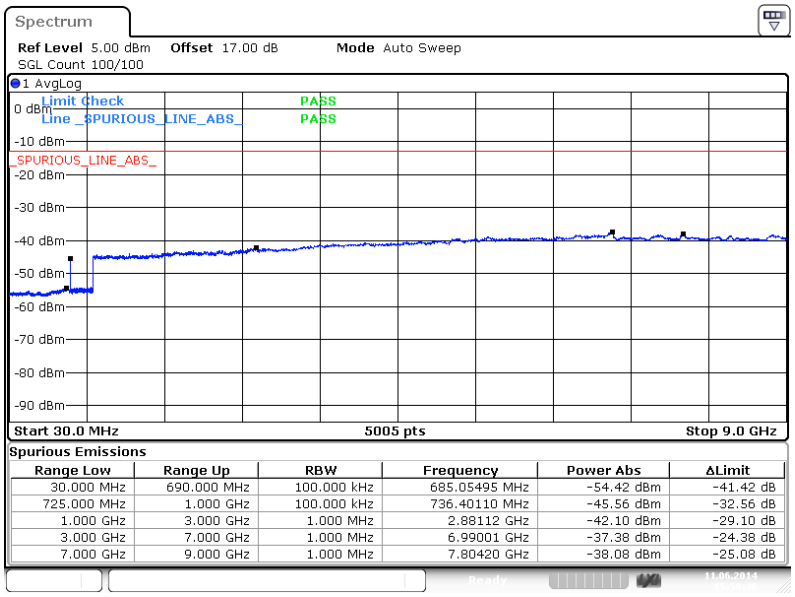
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	667.91209 MHz	-54.40 dBm	-41.40 dB
725.000 MHz	1.000 GHz	100.000 kHz	733.10440 MHz	-45.75 dBm	-32.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85315 GHz	-42.19 dBm	-29.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98601 GHz	-37.12 dBm	-24.12 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54046 GHz	-38.28 dBm	-25.28 dB

Date: 11.JUN.2014 15:50:24

Band :	LTE Band 12	Channel :	CH23095 (Middle)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

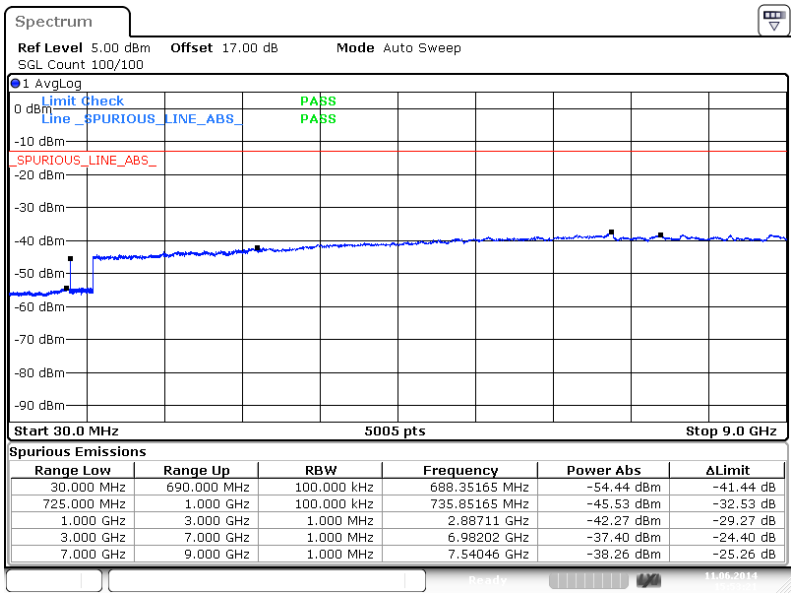


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.05495 MHz	-54.42 dBm	-41.42 dB
725.000 MHz	1.000 GHz	100.000 kHz	736.40110 MHz	-45.56 dBm	-32.56 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.88112 GHz	-42.10 dBm	-29.10 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99001 GHz	-37.38 dBm	-24.38 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.80420 GHz	-38.08 dBm	-25.08 dB

Date: 11.JUN.2014 15:59:46

16QAM (RB Size 1, RB Offset 0)



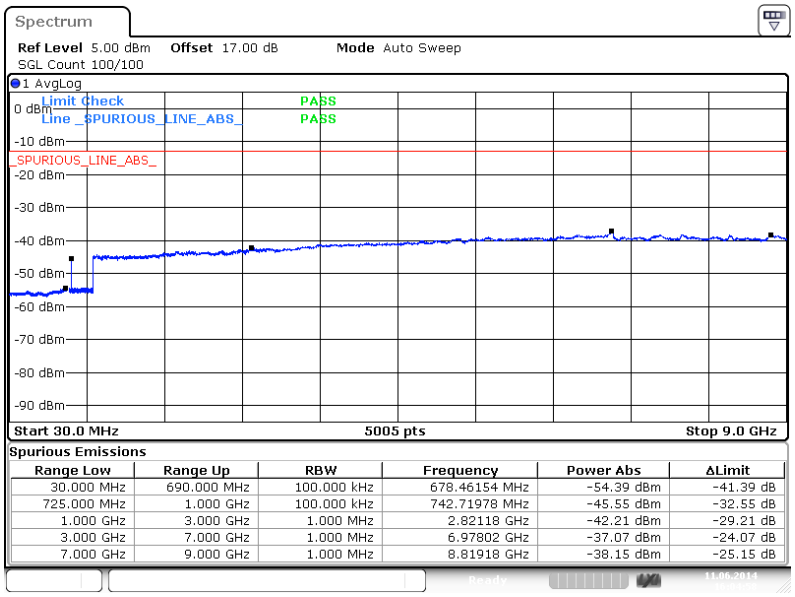
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	688.35165 MHz	-54.44 dBm	-41.44 dB
725.000 MHz	1.000 GHz	100.000 kHz	735.85165 MHz	-45.53 dBm	-32.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.88711 GHz	-42.27 dBm	-29.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98202 GHz	-37.40 dBm	-24.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54046 GHz	-38.26 dBm	-25.26 dB

Date: 11.JUN.2014 15:53:21

Band :	LTE Band 12	Channel :	CH23155 (High)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

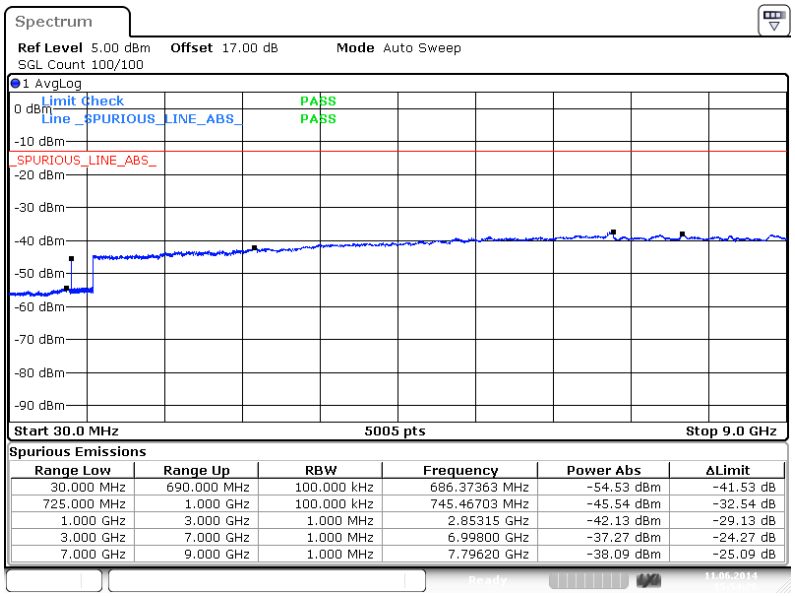


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	678.46154 MHz	-54.39 dBm	-41.39 dB
725.000 MHz	1.000 GHz	100.000 kHz	742.71978 MHz	-45.55 dBm	-32.55 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.82118 GHz	-42.21 dBm	-29.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97802 GHz	-37.07 dBm	-24.07 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.81918 GHz	-38.15 dBm	-25.15 dB

Date: 11.JUN.2014 16:04:58

16QAM (RB Size 1, RB Offset 0)



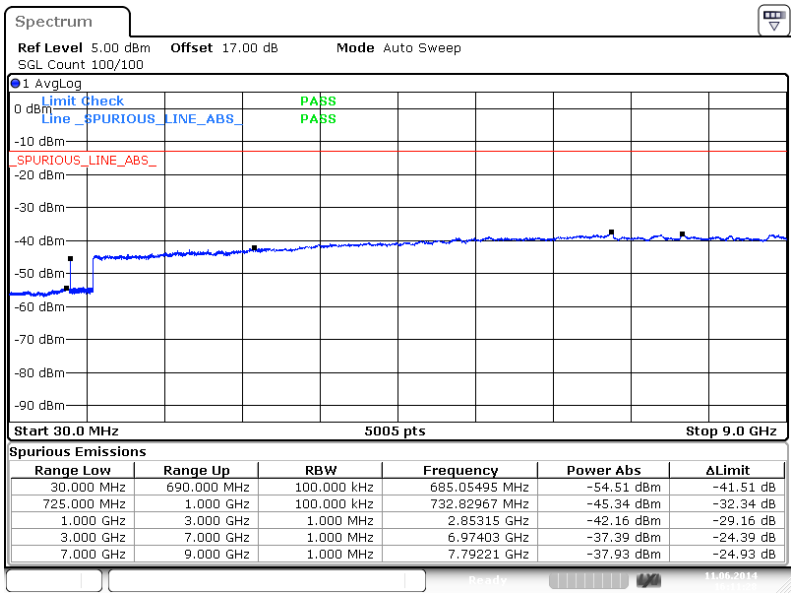
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	686.37363 MHz	-54.53 dBm	-41.53 dB
725.000 MHz	1.000 GHz	100.000 kHz	745.46703 MHz	-45.54 dBm	-32.54 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85315 GHz	-42.13 dBm	-29.13 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99800 GHz	-37.27 dBm	-24.27 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.79620 GHz	-38.09 dBm	-25.09 dB

Date: 11.JUN.2014 15:54:29

Band :	LTE Band 12	Channel :	CH23060 (Low)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

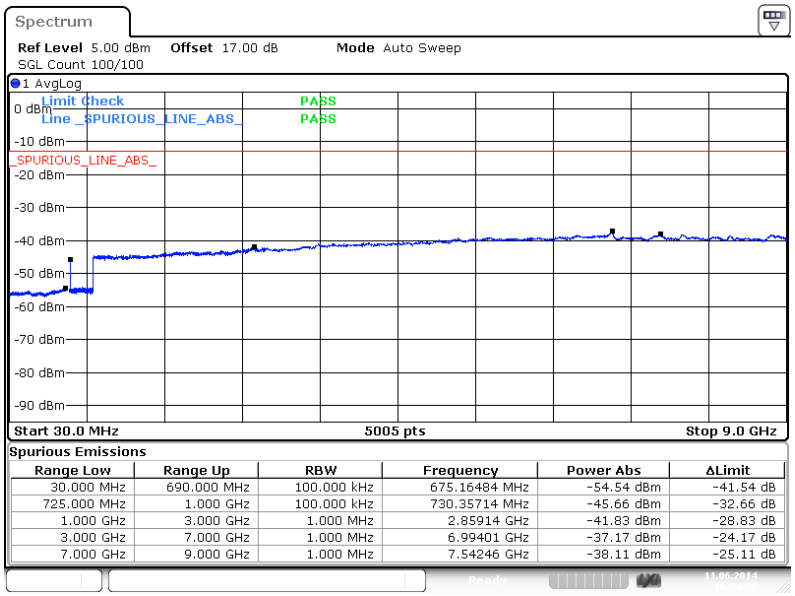


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.05495 MHz	-54.51 dBm	-41.51 dB
725.000 MHz	1.000 GHz	100.000 kHz	732.82967 MHz	-45.34 dBm	-32.34 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85315 GHz	-42.16 dBm	-29.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97403 GHz	-37.39 dBm	-24.39 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.79221 GHz	-37.93 dBm	-24.93 dB

Date: 11.JUN.2014 16:11:28

16QAM (RB Size 1, RB Offset 0)



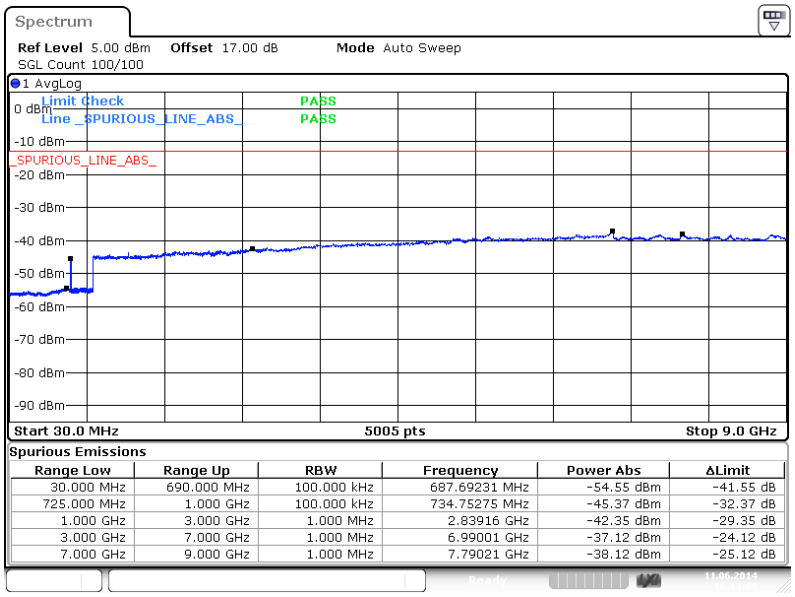
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	675.16484 MHz	-54.54 dBm	-41.54 dB
725.000 MHz	1.000 GHz	100.000 kHz	730.35714 MHz	-45.66 dBm	-32.66 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85914 GHz	-41.83 dBm	-28.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99401 GHz	-37.17 dBm	-24.17 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54246 GHz	-38.11 dBm	-25.11 dB

Date: 11.JUN.2014 16:24:05

Band :	LTE Band 12	Channel :	CH23095 (Middle)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

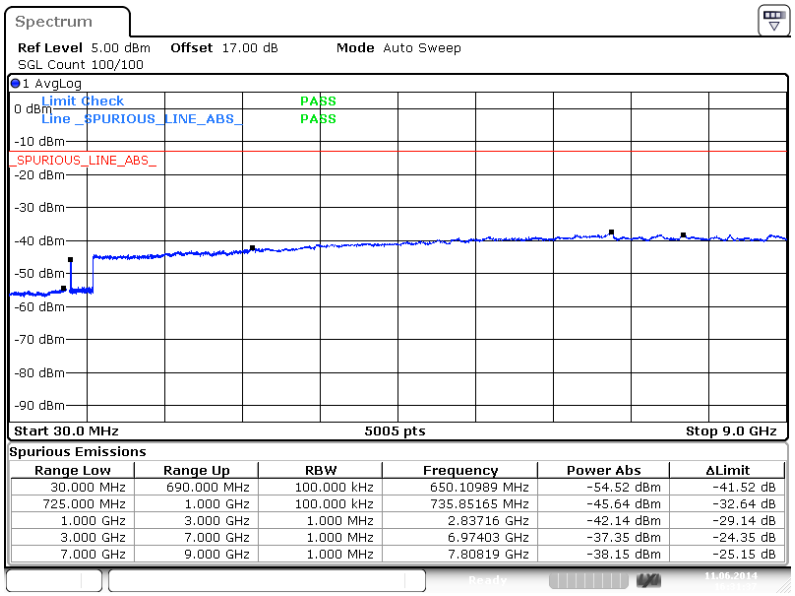


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	687.69231 MHz	-54.55 dBm	-41.55 dB
725.000 MHz	1.000 GHz	100.000 kHz	734.75275 MHz	-45.37 dBm	-32.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.83916 GHz	-42.35 dBm	-29.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99001 GHz	-37.12 dBm	-24.12 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.79021 GHz	-38.12 dBm	-25.12 dB

Date: 11.JUN.2014 16:13:09

16QAM (RB Size 1, RB Offset 0)



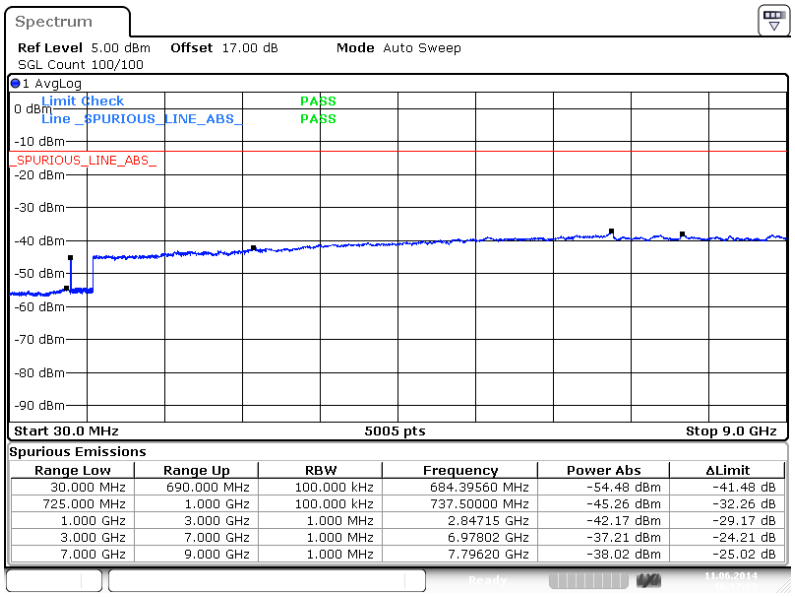
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	650.10989 MHz	-54.52 dBm	-41.52 dB
725.000 MHz	1.000 GHz	100.000 kHz	735.85165 MHz	-45.64 dBm	-32.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.83716 GHz	-42.14 dBm	-29.14 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97403 GHz	-37.35 dBm	-24.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.80819 GHz	-38.15 dBm	-25.15 dB

Date: 11.JUN.2014 16:31:37

Band :	LTE Band 12	Channel :	CH23130 (High)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

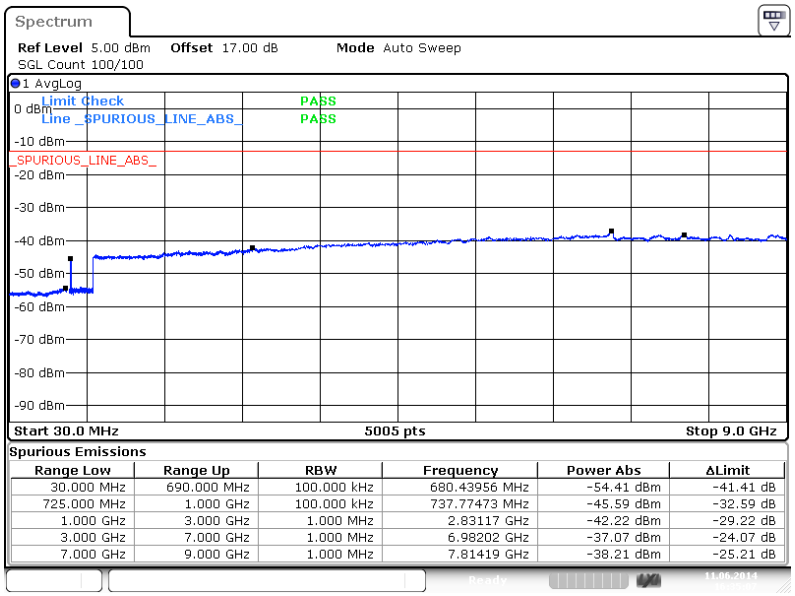


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	684.39560 MHz	-54.48 dBm	-41.48 dB
725.000 MHz	1.000 GHz	100.000 kHz	737.50000 MHz	-45.26 dBm	-32.26 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84715 GHz	-42.17 dBm	-29.17 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97802 GHz	-37.21 dBm	-24.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.79620 GHz	-38.02 dBm	-25.02 dB

Date: 11.JUN.2014 16:17:23

16QAM (RB Size 1, RB Offset 0)



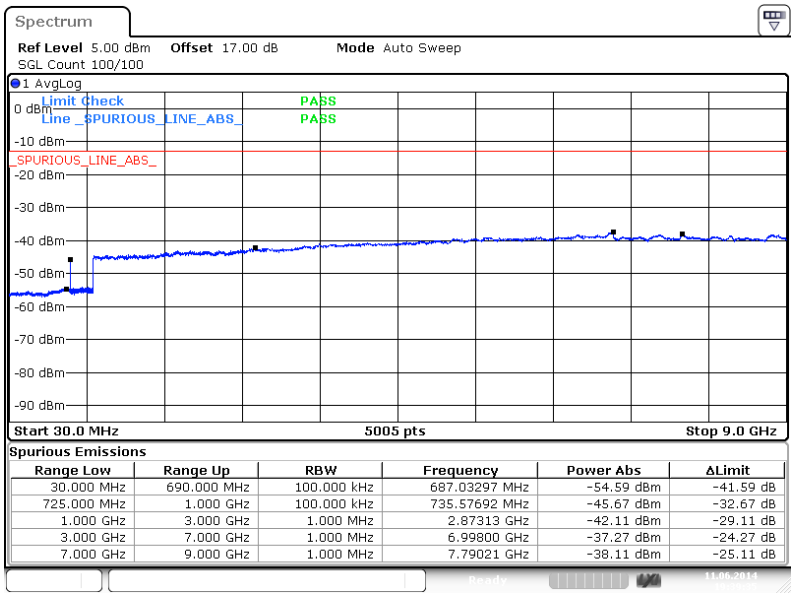
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	680.43956 MHz	-54.41 dBm	-41.41 dB
725.000 MHz	1.000 GHz	100.000 kHz	737.77473 MHz	-45.59 dBm	-32.59 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.83117 GHz	-42.22 dBm	-29.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98202 GHz	-37.07 dBm	-24.07 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.81419 GHz	-38.21 dBm	-25.21 dB

Date: 11.JUN.2014 16:35:07

Band :	LTE Band 17	Channel :	CH23755 (Low)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

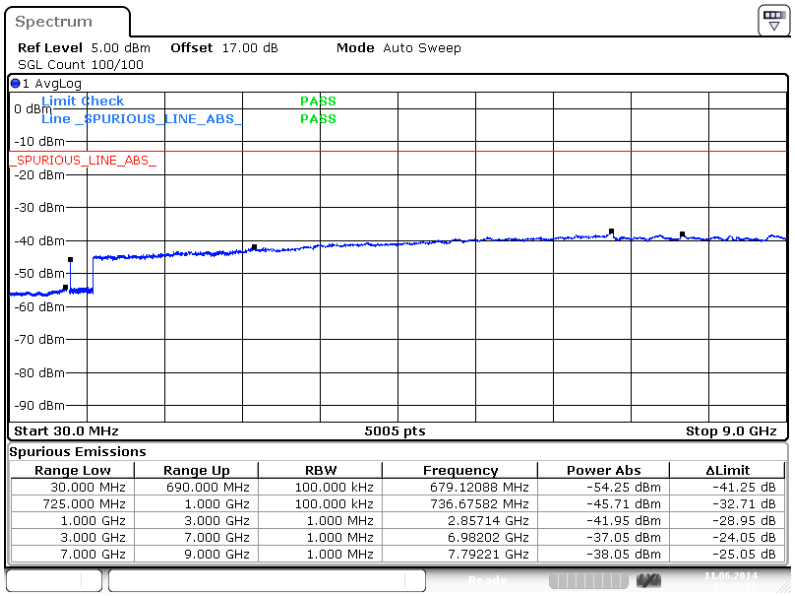


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	687.03297 MHz	-54.59 dBm	-41.59 dB
725.000 MHz	1.000 GHz	100.000 kHz	735.57692 MHz	-45.67 dBm	-32.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.87313 GHz	-42.11 dBm	-29.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99800 GHz	-37.27 dBm	-24.27 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.79021 GHz	-38.11 dBm	-25.11 dB

Date: 11.JUN.2014 19:39:36

16QAM (RB Size 1, RB Offset 0)



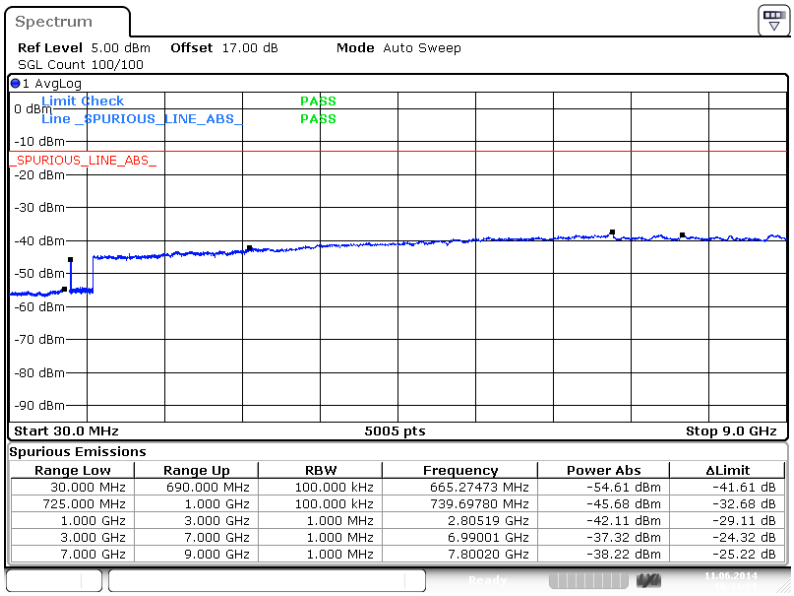
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	679.12088 MHz	-54.25 dBm	-41.25 dB
725.000 MHz	1.000 GHz	100.000 kHz	736.67582 MHz	-45.71 dBm	-32.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85714 GHz	-41.95 dBm	-28.95 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98202 GHz	-37.05 dBm	-24.05 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.79221 GHz	-38.05 dBm	-25.05 dB

Date: 11.JUN.2014 19:47:09

Band :	LTE Band 17	Channel :	CH23790 (Middle)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

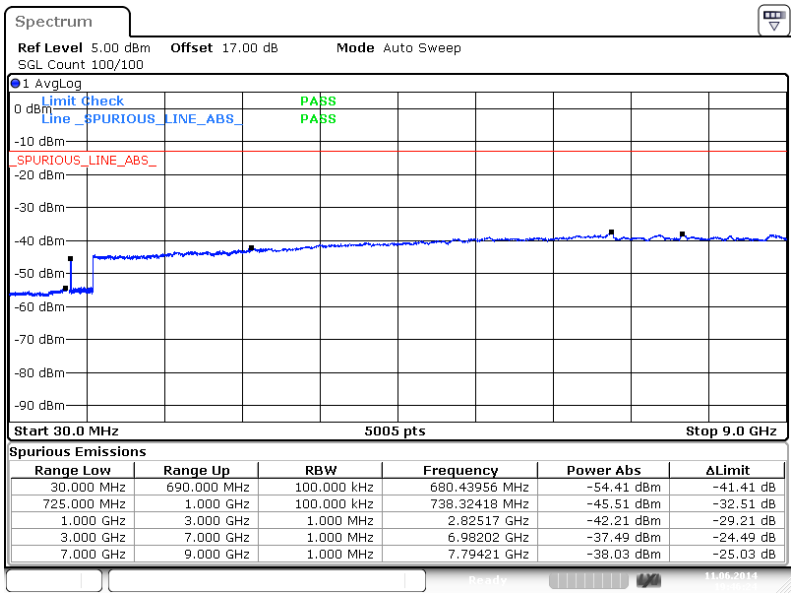


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	665.27473 MHz	-54.61 dBm	-41.61 dB
725.000 MHz	1.000 GHz	100.000 kHz	739.69780 MHz	-45.68 dBm	-32.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.80519 GHz	-42.11 dBm	-29.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99001 GHz	-37.32 dBm	-24.32 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.80020 GHz	-38.22 dBm	-25.22 dB

Date: 11.JUN.2014 19:41:22

16QAM (RB Size 1, RB Offset 0)



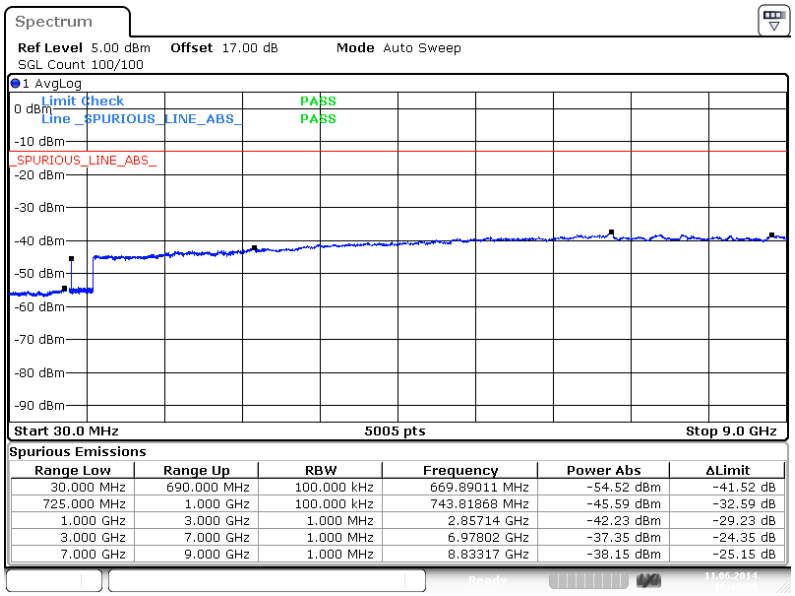
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	680.43956 MHz	-54.41 dBm	-41.41 dB
725.000 MHz	1.000 GHz	100.000 kHz	738.32418 MHz	-45.51 dBm	-32.51 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.82517 GHz	-42.21 dBm	-29.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98202 GHz	-37.49 dBm	-24.49 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.79421 GHz	-38.03 dBm	-25.03 dB

Date: 11.JUN.2014 19:46:24

Band :	LTE Band 17	Channel :	CH23825 (High)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

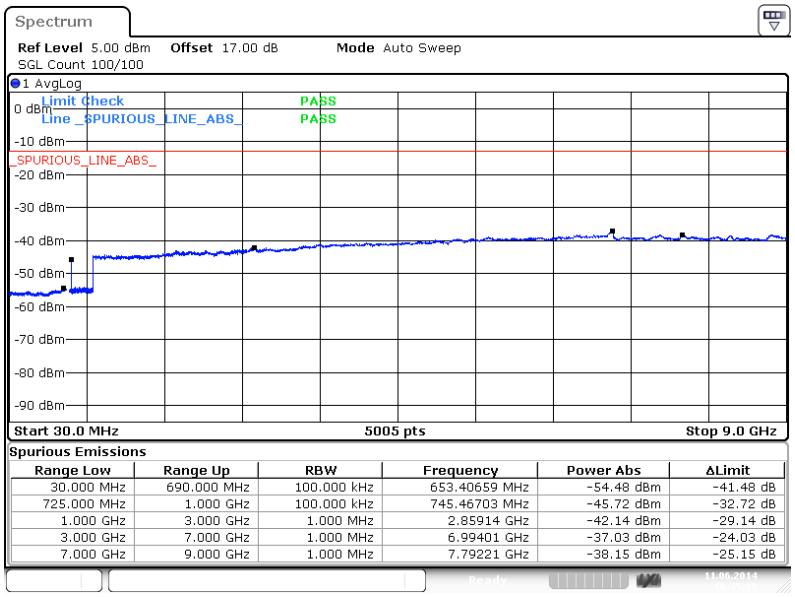


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	669.89011 MHz	-54.52 dBm	-41.52 dB
725.000 MHz	1.000 GHz	100.000 kHz	743.81868 MHz	-45.59 dBm	-32.59 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85714 GHz	-42.23 dBm	-29.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97802 GHz	-37.35 dBm	-24.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.83317 GHz	-38.15 dBm	-25.15 dB

Date: 11.JUN.2014 19:43:39

16QAM (RB Size 1, RB Offset 0)



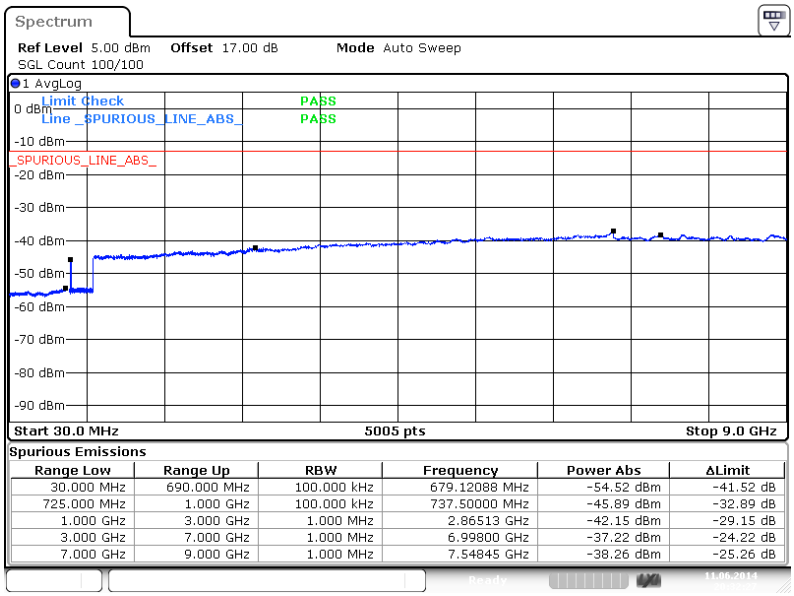
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	653.40659 MHz	-54.48 dBm	-41.48 dB
725.000 MHz	1.000 GHz	100.000 kHz	745.46703 MHz	-45.72 dBm	-32.72 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85914 GHz	-42.14 dBm	-29.14 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99401 GHz	-37.03 dBm	-24.03 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.79221 GHz	-38.15 dBm	-25.15 dB

Date: 11.JUN.2014 19:45:19

Band :	LTE Band 17	Channel :	CH23780 (Low)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

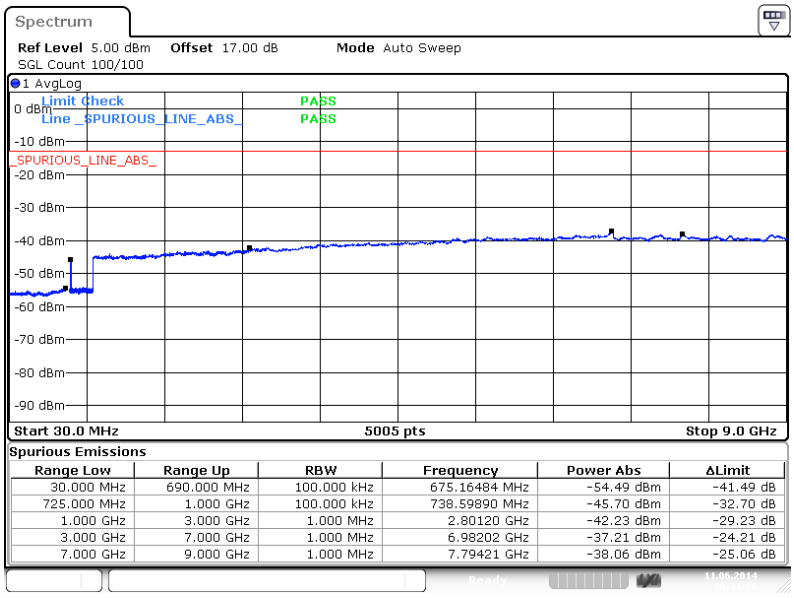


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	679.12088 MHz	-54.52 dBm	-41.52 dB
725.000 MHz	1.000 GHz	100.000 kHz	737.50000 MHz	-45.89 dBm	-32.89 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.86513 GHz	-42.15 dBm	-29.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99800 GHz	-37.22 dBm	-24.22 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54845 GHz	-38.26 dBm	-25.26 dB

Date: 11.JUN.2014 20:32:28

16QAM (RB Size 1, RB Offset 0)



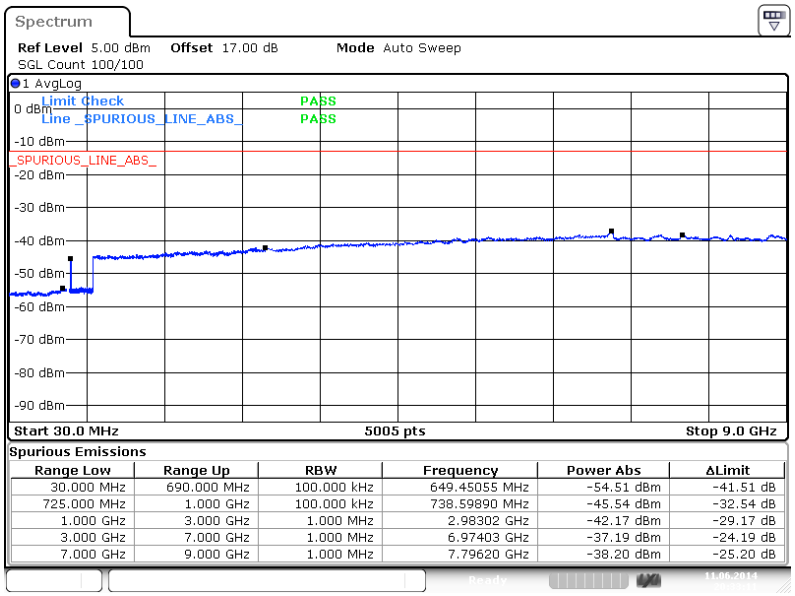
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	675.16484 MHz	-54.49 dBm	-41.49 dB
725.000 MHz	1.000 GHz	100.000 kHz	738.59890 MHz	-45.70 dBm	-32.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.80120 GHz	-42.23 dBm	-29.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98202 GHz	-37.21 dBm	-24.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.79421 GHz	-38.06 dBm	-25.06 dB

Date: 11.JUN.2014 20:41:26

Band :	LTE Band 17	Channel :	CH23790 (Middle)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

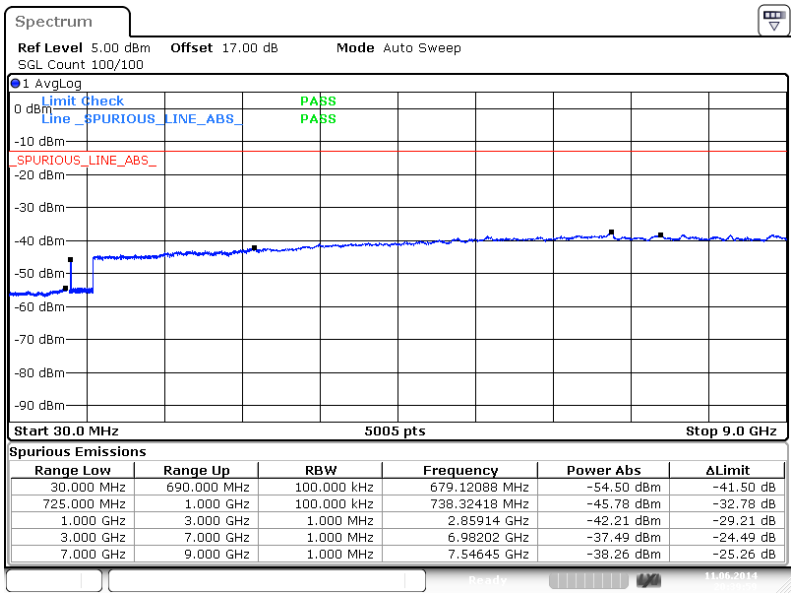


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	649.45055 MHz	-54.51 dBm	-41.51 dB
725.000 MHz	1.000 GHz	100.000 kHz	738.59890 MHz	-45.54 dBm	-32.54 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98302 GHz	-42.17 dBm	-29.17 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97403 GHz	-37.19 dBm	-24.19 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.79620 GHz	-38.20 dBm	-25.20 dB

Date: 11.JUN.2014 20:33:12

16QAM (RB Size 1, RB Offset 0)



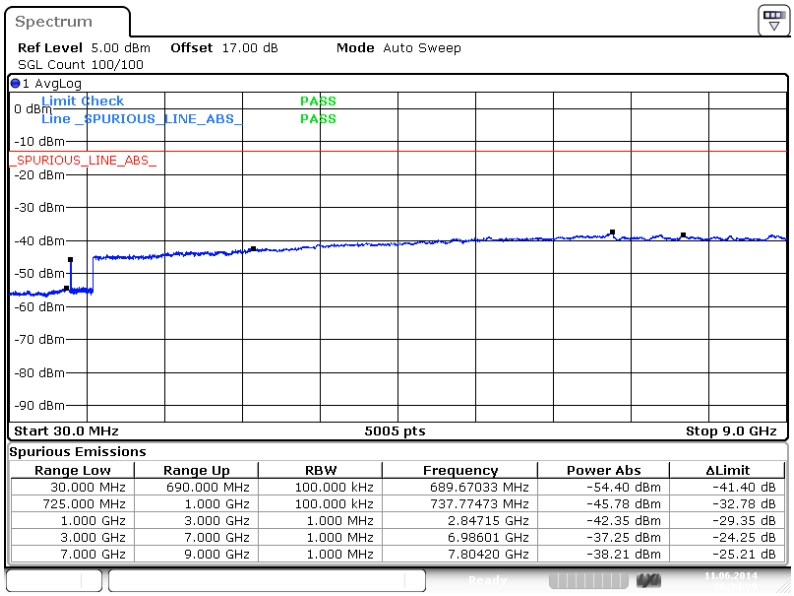
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	679.12088 MHz	-54.50 dBm	-41.50 dB
725.000 MHz	1.000 GHz	100.000 kHz	738.32418 MHz	-45.78 dBm	-32.78 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85914 GHz	-42.21 dBm	-29.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98202 GHz	-37.49 dBm	-24.49 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54645 GHz	-38.26 dBm	-25.26 dB

Date: 11.JUN.2014 20:40:00

Band :	LTE Band 17	Channel :	CH23800 (High)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

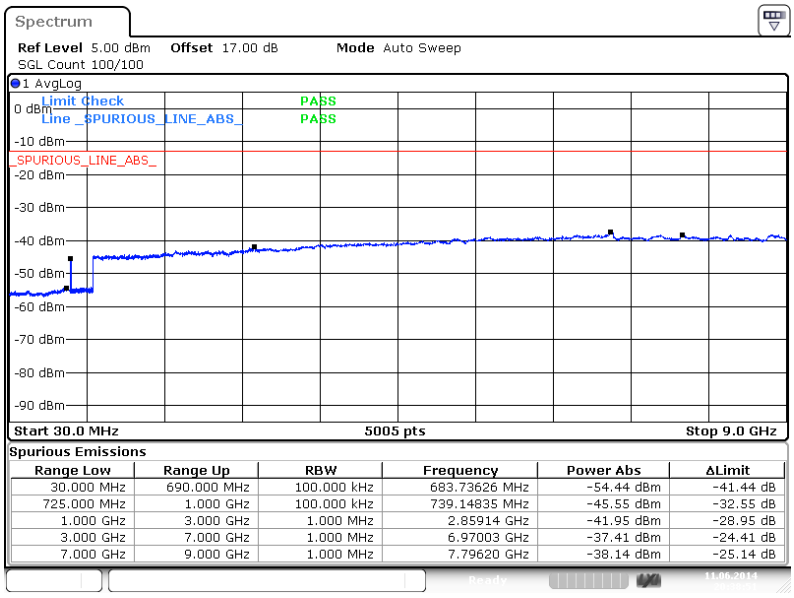


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.67033 MHz	-54.40 dBm	-41.40 dB
725.000 MHz	1.000 GHz	100.000 kHz	737.77473 MHz	-45.78 dBm	-32.78 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84715 GHz	-42.35 dBm	-29.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98601 GHz	-37.25 dBm	-24.25 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.80420 GHz	-38.21 dBm	-25.21 dB

Date: 11.JUN.2014 20:34:09

16QAM (RB Size 1, RB Offset 0)



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	683.73626 MHz	-54.44 dBm	-41.44 dB
725.000 MHz	1.000 GHz	100.000 kHz	739.14835 MHz	-45.55 dBm	-32.55 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85914 GHz	-41.95 dBm	-28.95 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97003 GHz	-37.41 dBm	-24.41 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.79620 GHz	-38.14 dBm	-25.14 dB

Date: 11.JUN.2014 20:38:52

3.7 Radiated Spurious Emission Measurement

3.7.1 Description of Radiated Spurious Emission

The radiated spurious emission was measured by substitution method according to ANSI / TIA / EIA-603-C-2004. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

For Band 7

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 55 + 10 log (P) dB.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

3.7.2 Measuring Instruments

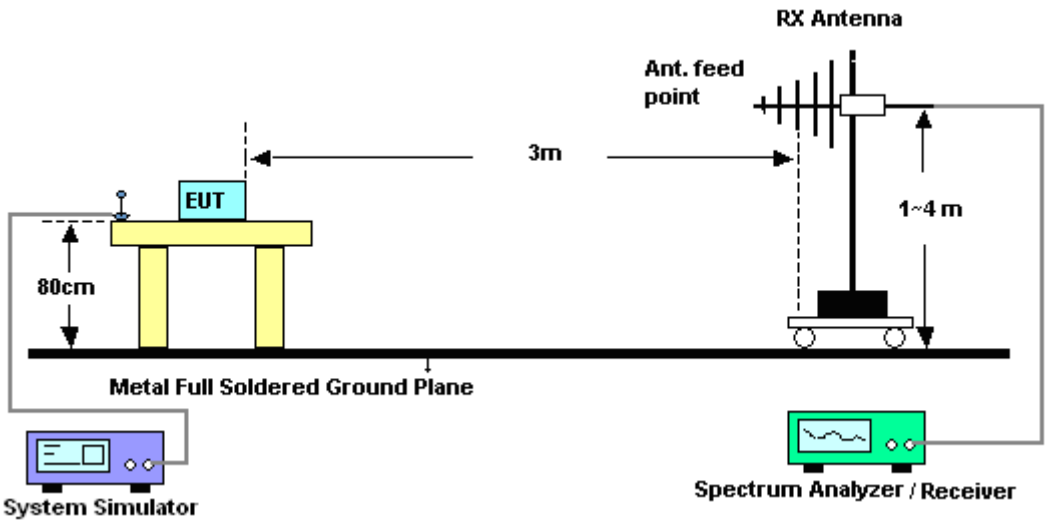
The measuring equipment is listed in the section 4 of this test report.

3.7.3 Test Procedures

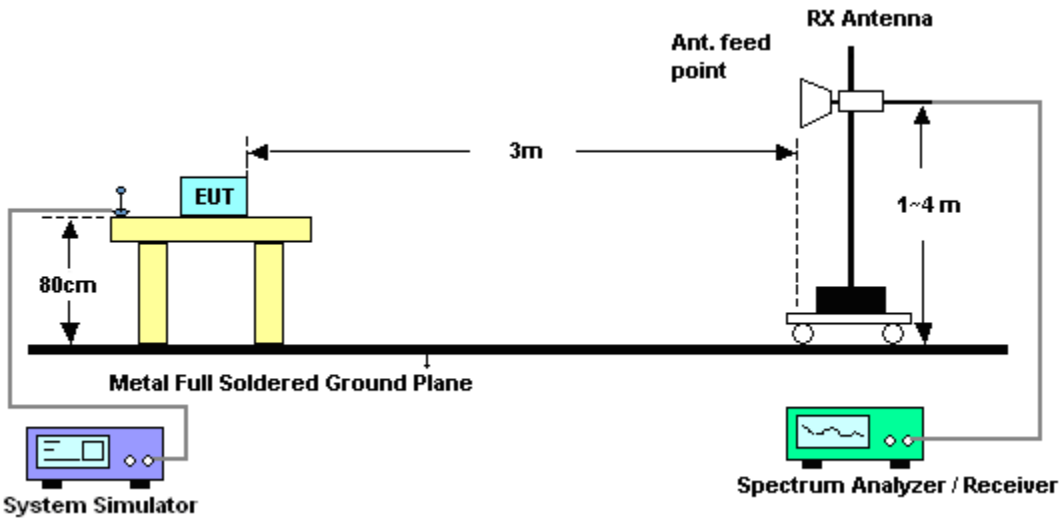
1. The EUT was placed on a rotatable wooden table with 0.8 meter above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.
10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
    The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
    = P(W)- [43 + 10log(P)] (dB)
    = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
    = -13dBm.
    For Band 7
    The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)
11. EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
12. ERP (dBm) = EIRP - 2.15

3.7.4 Test Setup

For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



3.7.5 Test Result of Field Strength of Spurious Radiated

Band :	LTE Band 2	**Temperature :**	21~24°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3756	-46.17	-13	-33.17	-61.07	-52.47	2.51	8.81	H	Pass
5639	-27.61	-13	-14.61	-48	-35.32	2.99	10.70	H	Pass
7522	-34.74	-13	-21.74	-59.27	-43.27	3.59	12.12	H	Pass

Band :	LTE Band 2	**Temperature :**	21~24°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3756	-47.36	-13	-34.36	-62.52	-53.66	2.51	8.81	V	Pass
5639	-30.44	-13	-17.44	-49.79	-38.15	2.99	10.70	V	Pass
7522	-34.02	-13	-21.02	-57.37	-42.55	3.59	12.12	V	Pass

Band :	LTE Band 2	**Temperature :**	21~24°C
Test Mode :	3MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3756	-46.72	-13	-33.72	-61.6	-53.02	2.51	8.81	H	Pass
5639	-28.62	-13	-15.62	-49.03	-36.33	2.99	10.70	H	Pass
7515	-36.26	-13	-23.26	-60.99	-44.79	3.59	12.12	H	Pass

Band :	LTE Band 2	**Temperature :**	21~24°C
Test Mode :	3MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3756	-49.58	-13	-36.58	-64.58	-55.88	2.51	8.81	V	Pass
5639	-29.98	-13	-16.98	-48.99	-37.69	2.99	10.70	V	Pass
7515	-32.01	-13	-19.01	-55.59	-40.54	3.59	12.12	V	Pass

Band :	LTE Band 2	**Temperature :**	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3756	-47.25	-13	-34.25	-62.3	-53.55	2.51	8.81	H	Pass
5632	-27.62	-13	-14.62	-47.88	-35.33	2.99	10.70	H	Pass
7508	-34.69	-13	-21.69	-59.34	-43.22	3.59	12.12	H	Pass

Band :	LTE Band 2	**Temperature :**	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3756	-49.49	-13	-36.49	-64.74	-55.79	2.51	8.81	V	Pass
5632	-27.02	-13	-14.02	-46.19	-34.73	2.99	10.70	V	Pass
7506	-35.58	-13	-22.58	-59.2	-44.11	3.59	12.12	V	Pass

Band :	LTE Band 2	**Temperature :**	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3749	-47.18	-13	-34.18	-62.44	-53.48	2.51	8.81	H	Pass
5625	-28.50	-13	-15.50	-48.78	-36.21	2.99	10.70	H	Pass
7501	-39.93	-13	-26.93	-64.76	-48.46	3.59	12.12	H	Pass

Band :	LTE Band 2	**Temperature :**	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3749	-49.04	-13	-36.04	-63.88	-55.34	2.51	8.81	V	Pass
5625	-31.57	-13	-18.57	-50.62	-39.28	2.99	10.70	V	Pass
7501	-39.73	-13	-26.73	-63.35	-48.26	3.59	12.12	V	Pass

Band :	LTE Band 2	**Temperature :**	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3749	-46.92	-13	-33.92	-61.91	-53.22	2.51	8.81	H	Pass
5618	-31.08	-13	-18.08	-51.47	-38.79	2.99	10.70	H	Pass
7494	-40.80	-13	-27.80	-65.47	-49.33	3.59	12.12	H	Pass

Band :	LTE Band 2	**Temperature :**	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3749	-48.39	-13	-35.39	-63.39	-54.69	2.51	8.81	V	Pass
5618	-31.41	-13	-18.41	-50.22	-39.12	2.99	10.70	V	Pass
7494	-36.49	-13	-23.49	-60.43	-45.02	3.59	12.12	V	Pass

Band :	LTE Band 2	**Temperature :**	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3742	-47.83	-13	-34.83	-62.63	-54.13	2.51	8.81	H	Pass
5611	-28.50	-13	-15.50	-48.64	-36.21	2.99	10.70	H	Pass
7487	-39.82	-13	-26.82	-64.57	-48.35	3.59	12.12	H	Pass

Band :	LTE Band 2	**Temperature :**	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3742	-47.39	-13	-34.39	-62.56	-53.69	2.51	8.81	V	Pass
5611	-31.43	-13	-18.43	-50.33	-39.14	2.99	10.70	V	Pass
7487	-39.32	-13	-26.32	-63.08	-47.85	3.59	12.12	V	Pass

Band :	LTE Band 4	**Temperature :**	21~24°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3462	-44.52	-13	-31.52	-57.6	-48.35	4.48	8.31	H	Pass
5198	-35.04	-13	-22.04	-54.5	-39.68	5.332	9.98	H	Pass
6927	-35.62	-13	-22.62	-59	-40.86	6.1	11.34	H	Pass

Band :	LTE Band 4	**Temperature :**	21~24°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3462	-46.14	-13	-33.14	-59.58	-49.97	4.48	8.31	V	Pass
5198	-30.69	-13	-17.69	-49.49	-35.33	5.332	9.98	V	Pass
6927	-30.52	-13	-17.52	-53.43	-35.76	6.1	11.34	V	Pass

Band :	LTE Band 4	**Temperature :**	21~24°C
Test Mode :	3MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3462	-46.28	-13	-33.28	-58.95	-50.11	4.48	8.31	H	Pass
5191	-40.42	-13	-27.42	-59.84	-45.06	5.332	9.98	H	Pass
6927	-33.70	-13	-20.70	-57.2	-38.94	6.1	11.34	H	Pass

Band :	LTE Band 4	**Temperature :**	21~24°C
Test Mode :	3MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3462	-45.19	-13	-32.19	-58.6	-49.02	4.48	8.31	V	Pass
5191	-36.04	-13	-23.04	-55.06	-40.68	5.332	9.98	V	Pass
6927	-35.77	-13	-22.77	-58.55	-41.01	6.1	11.34	V	Pass

Band :	LTE Band 4	**Temperature :**	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3462	-45.68	-13	-32.68	-58.57	-49.51	4.48	8.31	H	Pass
5191	-36.49	-13	-23.49	-55.85	-41.13	5.332	9.98	H	Pass
6920	-34.65	-13	-21.65	-58.12	-39.89	6.1	11.34	H	Pass

Band :	LTE Band 4	**Temperature :**	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3462	-48.10	-13	-35.10	-61.58	-51.93	4.48	8.31	V	Pass
5191	-33.47	-13	-20.47	-52.3	-38.11	5.332	9.98	V	Pass
6920	-33.43	-13	-20.43	-56.23	-38.67	6.1	11.34	V	Pass

Band :	LTE Band 4	**Temperature :**	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3455	-45.93	-13	-32.93	-58.64	-49.76	4.48	8.31	H	Pass
5184	-39.64	-13	-26.64	-58.88	-44.28	5.332	9.98	H	Pass
6913	-35.04	-13	-22.04	-58.49	-40.28	6.1	11.34	H	Pass

Band :	LTE Band 4	**Temperature :**	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3455	-43.32	-13	-30.32	-56.8	-47.15	4.48	8.31	V	Pass
5184	-31.41	-13	-18.41	-50.13	-36.05	5.332	9.98	V	Pass
6913	41.75	-13	54.75	-54.26	36.51	6.1	11.34	V	Pass

Band :	LTE Band 4	**Temperature :**	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3455	-43.27	-13	-30.27	-55.99	-47.1	4.48	8.31	H	Pass
5177	-36.37	-13	-23.37	-55.59	-41.01	5.332	9.98	H	Pass
6906	-37.19	-13	-24.19	-60.53	-42.43	6.1	11.34	H	Pass

Band :	LTE Band 4	**Temperature :**	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3455	-45.28	-13	-32.28	-58.82	-49.11	4.48	8.31	V	Pass
5177	-36.38	-13	-23.38	-54.98	-41.02	5.332	9.98	V	Pass
6906	-33.24	-13	-20.24	-55.97	-38.48	6.1	11.34	V	Pass

Band :	LTE Band 4	**Temperature :**	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3448	-45.52	-13	-32.52	-58.49	-49.35	4.48	8.31	H	Pass
5170	-38.62	-13	-25.62	-58.12	-43.26	5.332	9.98	H	Pass
6892	-37.31	-13	-24.31	-60.53	-42.55	6.1	11.34	H	Pass

Band :	LTE Band 4	**Temperature :**	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3448	-46.45	-13	-33.45	-60	-50.28	4.48	8.31	V	Pass
5170	-35.04	-13	-22.04	-53.78	-39.68	5.332	9.98	V	Pass
6892	-33.81	-13	-20.81	-56.3	-39.05	6.1	11.34	V	Pass

Band :	LTE Band 7	**Temperature :**	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5065	-33.85	-25	-8.85	-53.2	-37.34	6.86	10.35	H	Pass
7599	-37.50	-25	-12.50	-62.19	-40.39	9.34	12.23	H	Pass
10135	-36.57	-25	-11.57	-63.03	-40.67	8.64	12.74	H	Pass

Band :	LTE Band 7	**Temperature :**	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5065	-37.03	-25	-12.03	-55.52	-40.52	6.86	10.35	V	Pass
7599	-36.15	-25	-11.15	-59.15	-39.04	9.34	12.23	V	Pass
10135	-38.77	-25	-13.77	-64	-42.87	8.64	12.74	V	Pass

Band :	LTE Band 7	**Temperature :**	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5058	-40.02	-25	-15.02	-59.28	-43.51	6.86	10.35	H	Pass
7592	-37.16	-25	-12.16	-61.82	-40.05	9.34	12.23	H	Pass
10144	-39.47	-25	-14.47	-66.16	-43.57	8.64	12.74	H	Pass

Band :	LTE Band 7	**Temperature :**	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5065	-35.10	-25	-10.10	-53.71	-38.59	6.86	10.35	V	Pass
7592	-36.32	-25	-11.32	-59.41	-39.21	9.34	12.23	V	Pass
10144	-40.42	-25	-15.42	-65.79	-44.52	8.64	12.74	V	Pass

Band :	LTE Band 7	**Temperature :**	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5058	-38.52	-25	-13.52	-57.91	-42.01	6.86	10.35	H	Pass
7585	-38.42	-25	-13.42	-62.93	-41.31	9.34	12.23	H	Pass
10117	-37.51	-25	-12.51	-63.96	-41.61	8.64	12.74	H	Pass

Band :	LTE Band 7	**Temperature :**	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5058	-40.56	-25	-15.56	-58.95	-44.05	6.86	10.35	V	Pass
7585	-40.36	-25	-15.36	-63.71	-43.25	9.34	12.23	V	Pass
10117	-39.08	-25	-14.08	-64.58	-43.18	8.64	12.74	V	Pass

Band :	LTE Band 7	**Temperature :**	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5051	-41.12	-25	-16.12	-60.32	-44.61	6.86	10.35	H	Pass
7578	-39.44	-25	-14.44	-63.9	-42.33	9.34	12.23	H	Pass
10099	-39.65	-25	-14.65	-66.12	-43.75	8.64	12.74	H	Pass

Band :	LTE Band 7	**Temperature :**	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5051	-40.12	-25	-15.12	-58.77	-43.61	6.86	10.35	V	Pass
7578	-40.36	-25	-15.36	-63.73	-43.25	9.34	12.23	V	Pass
10099	-40.28	-25	-15.28	-65.67	-44.38	8.64	12.74	V	Pass

Band :	LTE Band 12	**Temperature :**	21~24°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1416	-49.06	-13	-36.06	-53.81	-50.76	1.47	5.32	H	Pass
2120	-52.95	-13	-39.95	-61.92	-54.92	1.86	5.98	H	Pass
2832	-50.64	-13	-37.64	-60.81	-53.71	2.21	7.43	H	Pass

Band :	LTE Band 12	**Temperature :**	21~24°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1416	-52.14	-13	-39.14	-56.54	-53.84	1.47	5.32	V	Pass
2120	-53.72	-13	-40.72	-63.14	-55.69	1.86	5.98	V	Pass
2832	-50.69	-13	-37.69	-62.48	-53.76	2.21	7.43	V	Pass

Band :	LTE Band 12	**Temperature :**	21~24°C
Test Mode :	3MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1416	-51.01	-13	-38.01	-55.97	-52.71	1.47	5.32	H	Pass
2120	-53.88	-13	-40.88	-62.79	-55.85	1.86	5.98	H	Pass
2832	-52.36	-13	-39.36	-62.38	-55.43	2.21	7.43	H	Pass

Band :	LTE Band 12	**Temperature :**	21~24°C
Test Mode :	3MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1416	-53.88	-13	-40.88	-58.38	-55.58	1.47	5.32	V	Pass
2120	-54.14	-13	-41.14	-63.54	-56.11	1.86	5.98	V	Pass
2832	-51.87	-13	-38.87	-63.61	-54.94	2.21	7.43	V	Pass

Band :	LTE Band 12	**Temperature :**	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1416	-49.98	-13	-36.98	-54.52	-51.68	1.47	5.32	H	Pass
2120	-53.93	-13	-40.93	-62.95	-55.9	1.86	5.98	H	Pass
2832	-53.65	-13	-40.65	-63.55	-56.72	2.21	7.43	H	Pass

Band :	LTE Band 12	**Temperature :**	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1416	-52.93	-13	-39.93	-56.92	-54.63	1.47	5.32	V	Pass
2120	-52.87	-13	-39.87	-62.63	-54.84	1.86	5.98	V	Pass
2832	-51.48	-13	-38.48	-63.24	-54.55	2.21	7.43	V	Pass

Band :	LTE Band 12	**Temperature :**	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1408	-45.89	-13	-32.89	-50.65	-47.59	1.47	5.32	H	Pass
2112	-53.64	-13	-40.64	-62.31	-55.61	1.86	5.98	H	Pass
2816	-50.05	-13	-37.05	-60.23	-53.12	2.21	7.43	H	Pass

Band :	LTE Band 12	**Temperature :**	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1408	-47.88	-13	-34.88	-52.21	-49.58	1.47	5.32	V	Pass
2112	-53.77	-13	-40.77	-63.04	-55.74	1.86	5.98	V	Pass
2816	-49.99	-13	-36.99	-61.84	-53.06	2.21	7.43	V	Pass

Band :	LTE Band 17	**Temperature :**	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1416	-52.24	-13	-39.24	-56.97	-56.32	1.53	5.61	H	Pass
2120	-54.58	-13	-41.58	-63.42	-58.75	1.85	6.02	H	Pass
2832	-53.14	-13	-40.14	-63.14	-57.9	2.24	7.00	H	Pass

Band :	LTE Band 17	**Temperature :**	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1416	-53.11	-13	-40.11	-57.65	-57.19	1.53	5.61	V	Pass
2120	-55.07	-13	-42.07	-64.54	-59.24	1.85	6.02	V	Pass
2832	-52.87	-13	-39.87	-64.26	-57.63	2.24	7.00	V	Pass

Band :	LTE Band 17	**Temperature :**	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Horizontal
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1408	-49.47	-13	-36.47	-54.09	-53.55	1.53	5.61	H	Pass
2112	-54.52	-13	-41.52	-63.09	-58.69	1.85	6.02	H	Pass
2816	-53.00	-13	-40.00	-62.92	-57.76	2.24	7.00	H	Pass

Band :	LTE Band 17	**Temperature :**	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	44~48%
Test Engineer :	Kyle Jhuang	**Polarization :**	Vertical
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.		

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1408	-52.18	-13	-39.18	-56.57	-56.26	1.53	5.61	V	Pass
2112	-55.64	-13	-42.64	-64.85	-59.81	1.85	6.02	V	Pass
2816	-50.70	-13	-37.70	-62.49	-55.46	2.24	7.00	V	Pass

3.8 Frequency Stability Measurement

3.8.1 Description of Frequency Stability Measurement

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within ±0.00025% (±2.5ppm) of the center frequency.

3.8.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

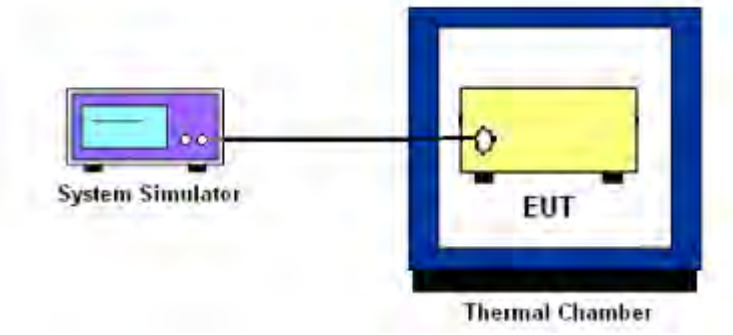
3.8.3 Test Procedures for Temperature Variation

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in 10°C step up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.8.4 Test Procedures for Voltage Variation

1. The EUT was placed in a temperature chamber at 25±5° C and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

3.8.5 Test Setup



3.8.6 Test Result of Temperature Variation (FCC)

Band :	LTE Band 2 (QPSK)	Limit (ppm) :	2.5

Temperature (°C)	BW 10MHz	Result
	Deviation (ppm)	
50	+0.0064	PASS
40	+0.0053	
30	+0.0048	
20(Ref.)	+0.0053	
10	+0.0053	
0	+0.0059	
-10	+0.0053	
-20	+0.0043	
-30	+0.0059	

Band :	LTE Band 4 (QPSK)	Limit (ppm) :	2.5

Temperature (°C)	BW 10MHz	Result
	Deviation (ppm)	
50	+0.0058	PASS
40	+0.0052	
30	+0.0058	
20(Ref.)	+0.0046	
10	+0.0052	
0	+0.0058	
-10	+0.0052	
-20	+0.0046	
-30	+0.0052	

Band :	LTE Band 7 (QPSK)	Limit (ppm) :	2.5

Temperature (°C)	BW 10MHz	Result
	Deviation (ppm)	
50	+0.0107	PASS
40	+0.0103	
30	+0.0087	
20(Ref.)	+0.0099	
10	+0.0095	
0	+0.0107	
-10	+0.0110	
-20	+0.0103	
-30	+0.0110	

Band :	LTE Band 12 (QPSK)	Limit (ppm) :	2.5

Temperature (°C)	BW 10MHz	Result
	Deviation (ppm)	
50	+0.0085	PASS
40	+0.0071	
30	+0.0085	
20(Ref.)	+0.0085	
10	+0.0057	
0	+0.0071	
-10	+0.0085	
-20	+0.0085	
-30	+0.0071	

Band :	LTE Band 17 (QPSK)	Limit (ppm) :	2.5

Temperature (°C)	BW 10MHz	Result
	Deviation (ppm)	
50	+0.0085	PASS
40	+0.0056	
30	+0.0070	
20(Ref.)	+0.0056	
10	+0.0070	
0	+0.0056	
-10	+0.0085	
-20	+0.0070	
-30	+0.0070	

3.8.7 Test Result of Voltage Variation (FCC)

Band	Bandwidth	Voltage (Volt)	Deviation (ppm)	Limit (ppm)	Result
LTE Band 2	10M	4.35	+0.0059	2.5	PASS
		Normal	+0.0064		
		3.5	+0.0053		
LTE Band 4	10M	4.35	+0.0058	2.5	PASS
		Normal	+0.0052		
		3.5	+0.0058		
LTE Band 7	10M	4.35	+0.0107	2.5	PASS
		Normal	+0.0099		
		3.5	+0.0110		
LTE Band 12	10M	4.35	+0.0085	2.5	PASS
		Normal	+0.0071		
		3.5	+0.0085		
LTE Band 17	10M	4.35	+0.0085	2.5	PASS
		Normal	+0.0070		
		3.5	+0.0085		

Remark:

1. Normal Voltage = 3.8V.
2. The manufacturer declared that the EUT could work properly between voltage 3.5V ~ 4.35V.

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	May 08, 2014	May 30, 2014~ Jun. 20, 2014	May 07, 2015	Conducted (TH01-SZ)
Thermal Chamber	Hongzhan	LP-150U	HD20120425	-40℃~150℃	Feb. 21, 2014	May 30, 2014~ Jun. 20, 2014	Feb. 20, 2015	Conducted (TH01-SZ)
Spectrum Analyzer	Rohde & Schwarz	FSV30	101749	10Hz ~ 30GHz	Feb. 10, 2014	Jun. 14, 2014	Feb. 09, 2015	Radiation (03CH07-HY)
Bilog Antenna	Schaffner	CBL6111C	2726	30MHz ~ 1GHz	Oct. 10, 2013	Jun. 14, 2014	Oct. 09, 2014	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	75962	1GHz~18GHz	Aug. 22, 2013	Jun. 14, 2014	Aug. 21, 2014	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	15GHz- 40GHz	Oct. 03, 2013	Jun. 14, 2014	Oct. 02, 2014	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10 MHz ~ 1000MHz	Mar. 17, 2014	Jun. 14, 2014	Mar. 16, 2015	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1 GHz~26.5 GHz	Nov. 29, 2013	Jun. 14, 2014	Nov. 28, 2014	Radiation (03CH07-HY)
Turn Table	ChainTek	ChainTek 3000	N/A	0 ~ 360 degree	N/A	Jun. 14, 2014	N/A	Radiation (03CH07-HY)
Antenna Mast	ChainTek	M-400-0	114/8000604/L	N/A	N/A	Jun. 14, 2014	N/A	Radiation (03CH07-HY)
Spectrum Analyzer	R&S	FSP 7	100818	9kHz~7GHz	Sep. 03, 2013	Jun. 02, 2014~ Jun. 05, 2014	Sep. 02, 2014	ERP/EIRP (OTA01-SZ)
Quad-Ridged Horn	ETS-Lindgren	3164-08	00102954	700MHz~10000MHz	NCR	Jun. 02, 2014~ Jun. 05, 2014	NCR	ERP/EIRP (OTA01-SZ)
Multi-Devices Controller	ETS-Lindgren	2090-OPT1	00108147	N/A	NCR	Jun. 02, 2014~ Jun. 05, 2014	NCR	ERP/EIRP (OTA01-SZ)
Switch Control Mainframe	Agilent	3499A	MY42005451	N/A	NCR	Jun. 02, 2014~ Jun. 05, 2014	NCR	ERP/EIRP (OTA01-SZ)

5 Uncertainty of Evaluation

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.5