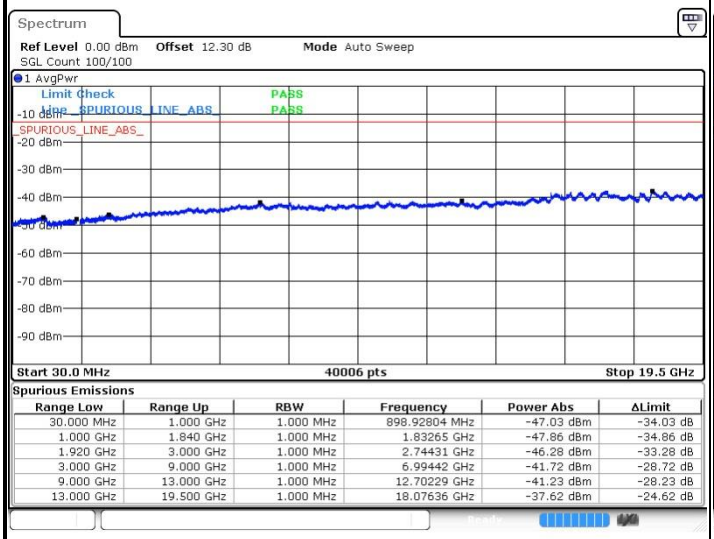
LTE Band 2 / 1.4MHz

Highest Channel / QPSK

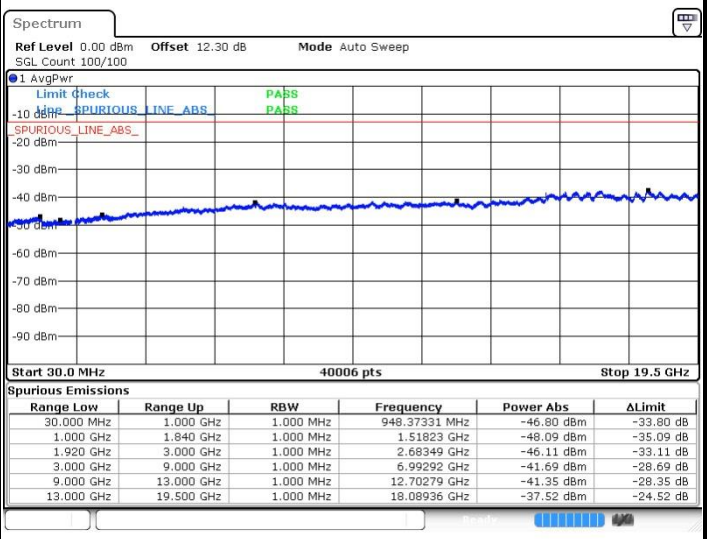


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.92804 MHz	-47.03 dBm	-34.03 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83265 GHz	-47.86 dBm	-34.86 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.74431 GHz	-46.28 dBm	-33.28 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99442 GHz	-41.72 dBm	-28.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70229 GHz	-41.23 dBm	-28.23 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07636 GHz	-37.62 dBm	-24.62 dB

Date: 25.AUG.2015 12:03:55

Highest Channel / 16QAM



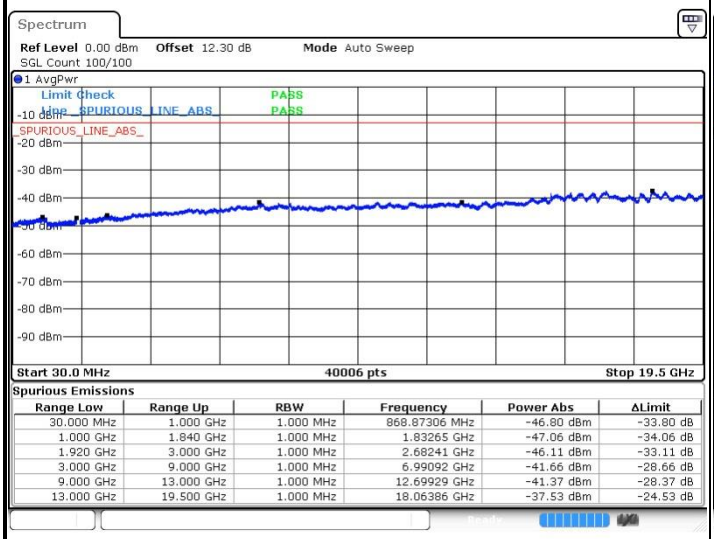
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	948.37331 MHz	-46.80 dBm	-33.80 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.51823 GHz	-48.09 dBm	-35.09 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68349 GHz	-46.11 dBm	-33.11 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99292 GHz	-41.69 dBm	-28.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70279 GHz	-41.35 dBm	-28.35 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.08936 GHz	-37.52 dBm	-24.52 dB

Date: 25.AUG.2015 12:04:49

LTE Band 2 / 3MHz

Lowest Channel / QPSK

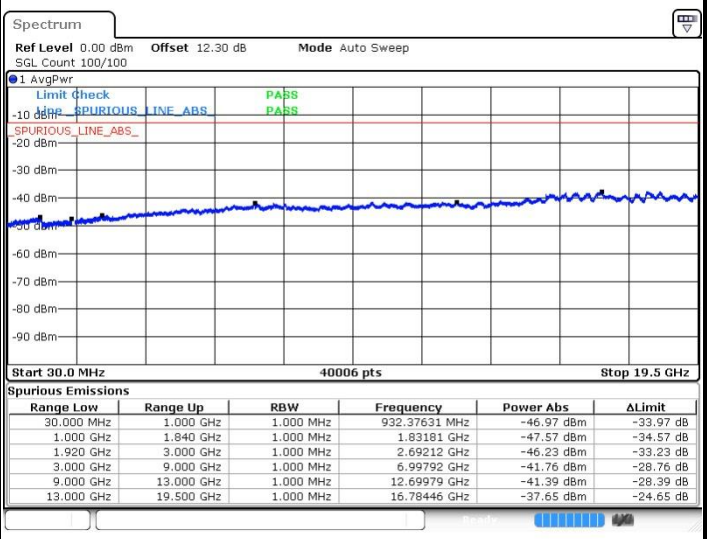


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	868.87306 MHz	-46.80 dBm	-33.80 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83265 GHz	-47.06 dBm	-34.06 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68241 GHz	-46.11 dBm	-33.11 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-41.66 dBm	-28.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69929 GHz	-41.37 dBm	-28.37 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06386 GHz	-37.53 dBm	-24.53 dB

Date: 25.AUG.2015 10:23:40

Lowest Channel / 16QAM



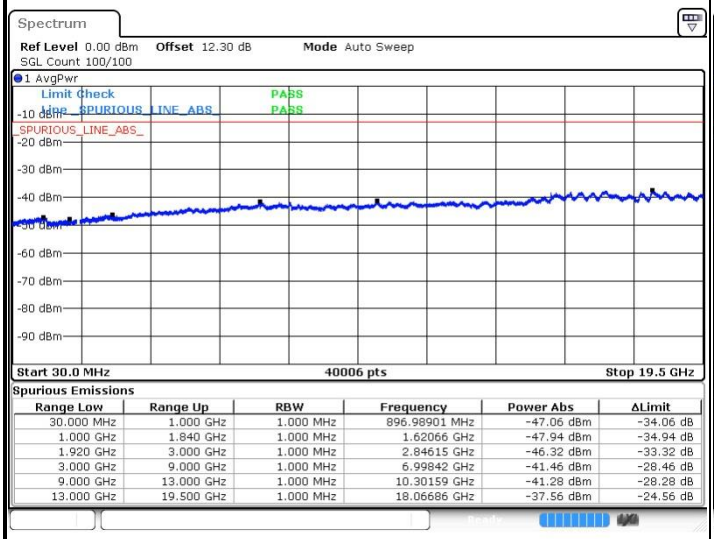
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.37631 MHz	-46.97 dBm	-33.97 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83181 GHz	-47.57 dBm	-34.57 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.69212 GHz	-46.23 dBm	-33.23 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99792 GHz	-41.76 dBm	-28.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69979 GHz	-41.39 dBm	-28.39 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78446 GHz	-37.65 dBm	-24.65 dB

Date: 25.AUG.2015 10:24:35

LTE Band 2 / 3MHz

Middle Channel / QPSK

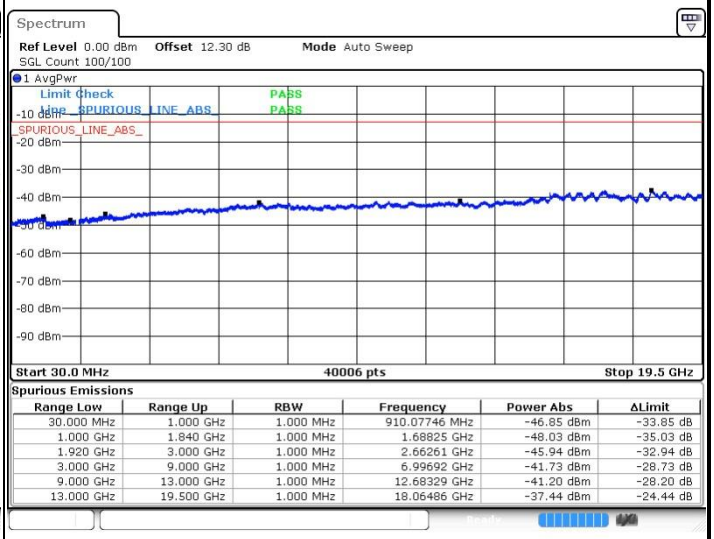


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.98901 MHz	-47.06 dBm	-34.06 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62066 GHz	-47.94 dBm	-34.94 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.84615 GHz	-46.32 dBm	-33.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99842 GHz	-41.46 dBm	-28.46 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30159 GHz	-41.28 dBm	-28.28 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06686 GHz	-37.56 dBm	-24.56 dB

Date: 25.AUG.2015 10:26:11

Middle Channel / 16QAM

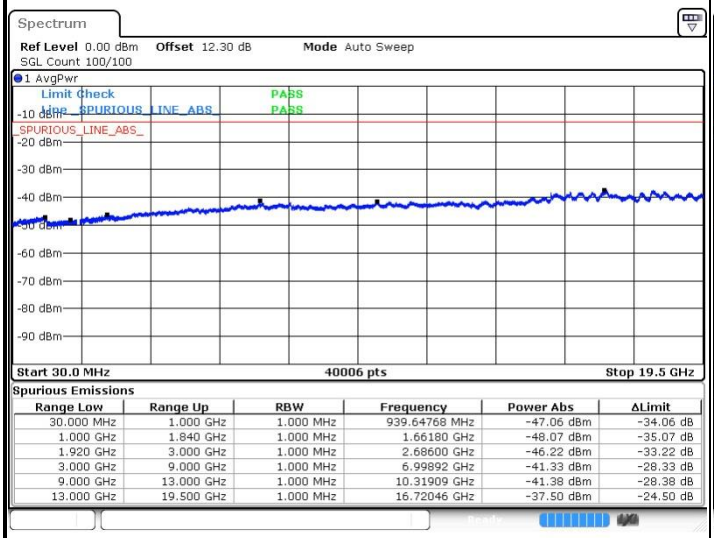


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	910.07746 MHz	-46.85 dBm	-33.85 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.68825 GHz	-48.03 dBm	-35.03 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66261 GHz	-45.94 dBm	-32.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99692 GHz	-41.73 dBm	-28.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68329 GHz	-41.20 dBm	-28.20 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06486 GHz	-37.44 dBm	-24.44 dB

Date: 25.AUG.2015 10:27:06

Highest Channel / QPSK

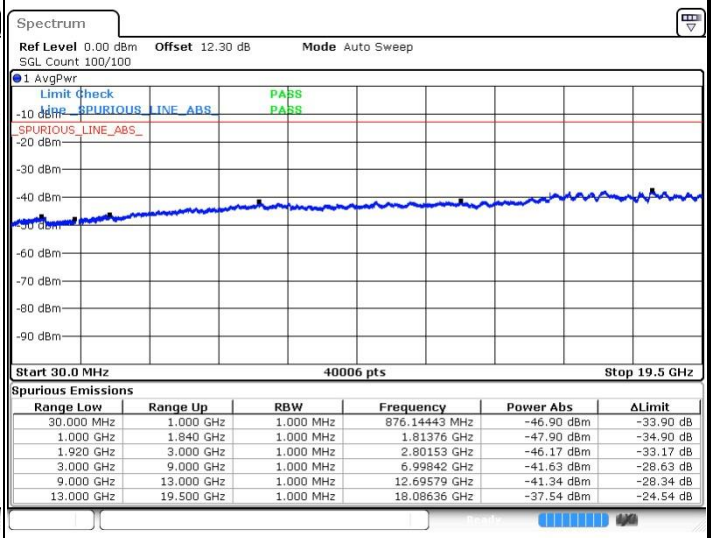


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.64768 MHz	-47.06 dBm	-34.06 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.66180 GHz	-48.07 dBm	-35.07 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68600 GHz	-46.22 dBm	-33.22 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99892 GHz	-41.33 dBm	-28.33 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31909 GHz	-41.38 dBm	-28.38 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.72046 GHz	-37.50 dBm	-24.50 dB

Date: 25.AUG.2015 10:33:20

Highest Channel / 16QAM



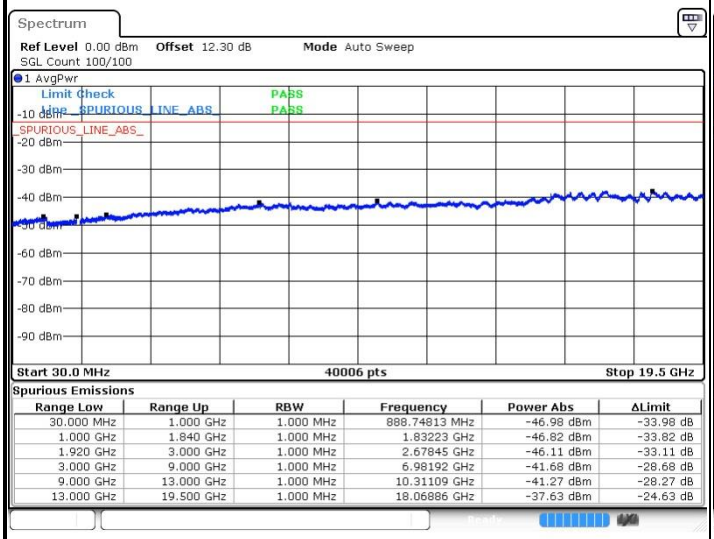
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	876.14443 MHz	-46.90 dBm	-33.90 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81376 GHz	-47.90 dBm	-34.90 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.80153 GHz	-46.17 dBm	-33.17 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99842 GHz	-41.63 dBm	-28.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69579 GHz	-41.34 dBm	-28.34 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.08636 GHz	-37.54 dBm	-24.54 dB

Date: 25.AUG.2015 10:34:15

LTE Band 2 / 5MHz

Lowest Channel / QPSK

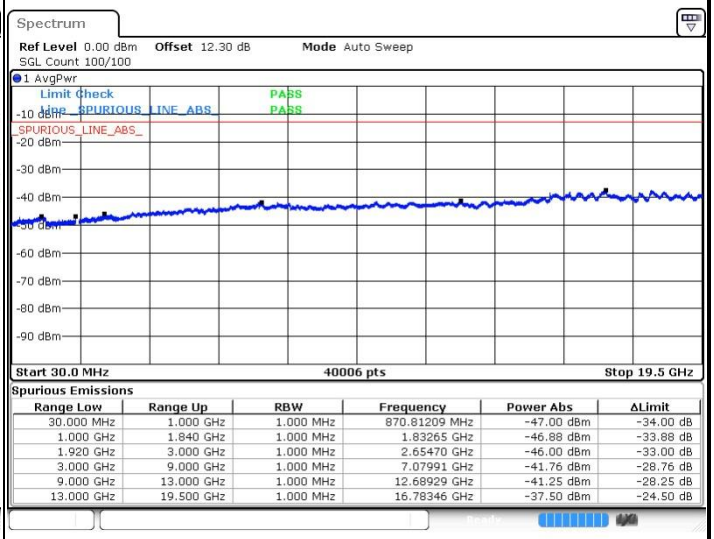


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	888.74813 MHz	-46.98 dBm	-33.98 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83223 GHz	-46.82 dBm	-33.82 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67845 GHz	-46.11 dBm	-33.11 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98192 GHz	-41.68 dBm	-28.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31109 GHz	-41.27 dBm	-28.27 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06886 GHz	-37.63 dBm	-24.63 dB

Date: 25.AUG.2015 10:40:29

Lowest Channel / 16QAM

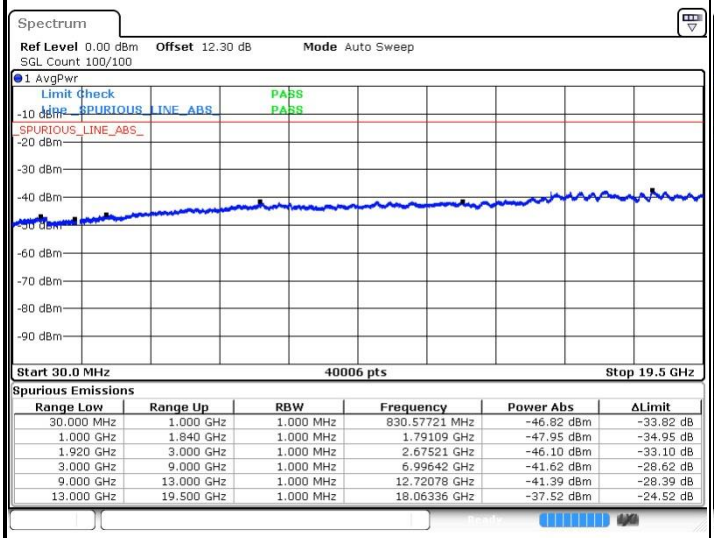


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	870.81209 MHz	-47.00 dBm	-34.00 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83265 GHz	-46.88 dBm	-33.88 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65470 GHz	-46.00 dBm	-33.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.07991 GHz	-41.76 dBm	-28.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68929 GHz	-41.25 dBm	-28.25 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78346 GHz	-37.50 dBm	-24.50 dB

Date: 25.AUG.2015 10:41:24

Middle Channel / QPSK

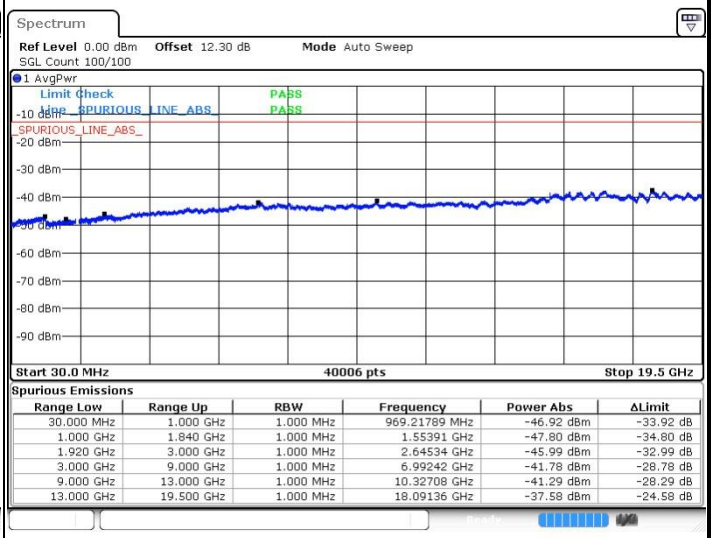


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	830.57721 MHz	-46.82 dBm	-33.82 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79109 GHz	-47.95 dBm	-34.95 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67521 GHz	-46.10 dBm	-33.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99642 GHz	-41.62 dBm	-28.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.72078 GHz	-41.39 dBm	-28.39 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06336 GHz	-37.52 dBm	-24.52 dB

Date: 25.AUG.2015 10:43:00

Middle Channel / 16QAM



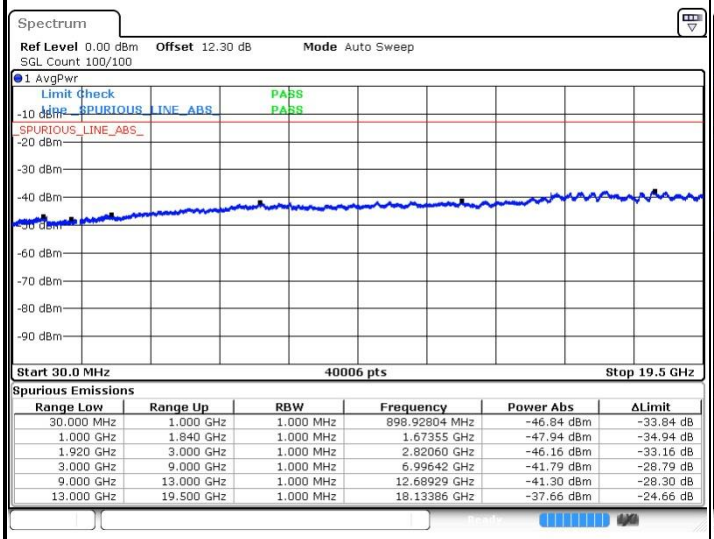
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.21789 MHz	-46.92 dBm	-33.92 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.55391 GHz	-47.80 dBm	-34.80 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.64534 GHz	-45.99 dBm	-32.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99242 GHz	-41.78 dBm	-28.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32708 GHz	-41.29 dBm	-28.29 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.09136 GHz	-37.58 dBm	-24.58 dB

Date: 25.AUG.2015 10:43:55

LTE Band 2 / 5MHz

Highest Channel / QPSK

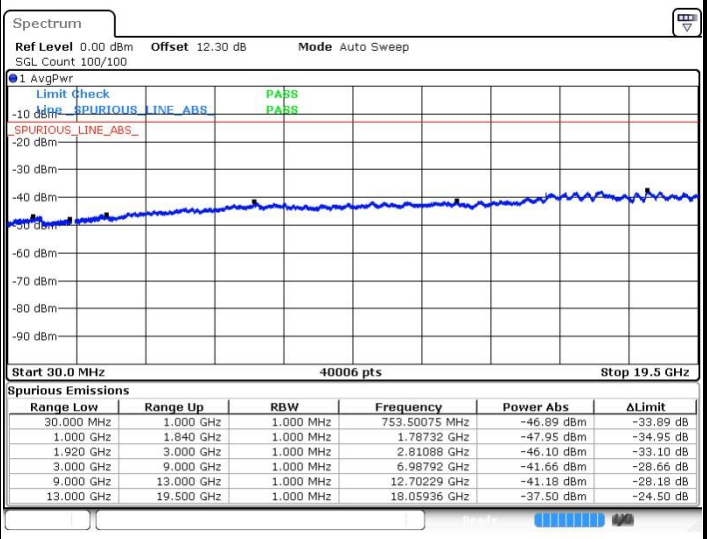


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.92804 MHz	-46.84 dBm	-33.84 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.67355 GHz	-47.94 dBm	-34.94 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.82060 GHz	-46.16 dBm	-33.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99642 GHz	-41.79 dBm	-28.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68929 GHz	-41.30 dBm	-28.30 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.13386 GHz	-37.66 dBm	-24.66 dB

Date: 25.AUG.2015 10:50:09

Highest Channel / 16QAM



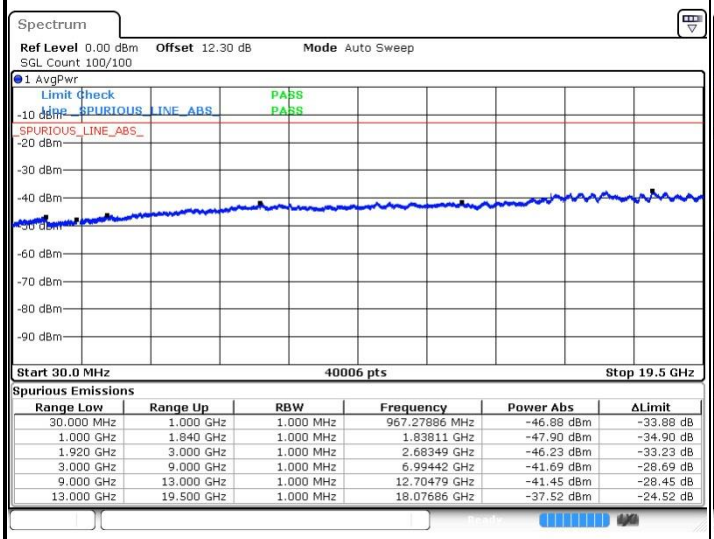
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	753.50075 MHz	-46.89 dBm	-33.89 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78732 GHz	-47.95 dBm	-34.95 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.81088 GHz	-46.10 dBm	-33.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98792 GHz	-41.66 dBm	-28.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70229 GHz	-41.18 dBm	-28.18 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.05936 GHz	-37.50 dBm	-24.50 dB

Date: 25.AUG.2015 10:51:04

LTE Band 2 / 10MHz

Lowest Channel / QPSK

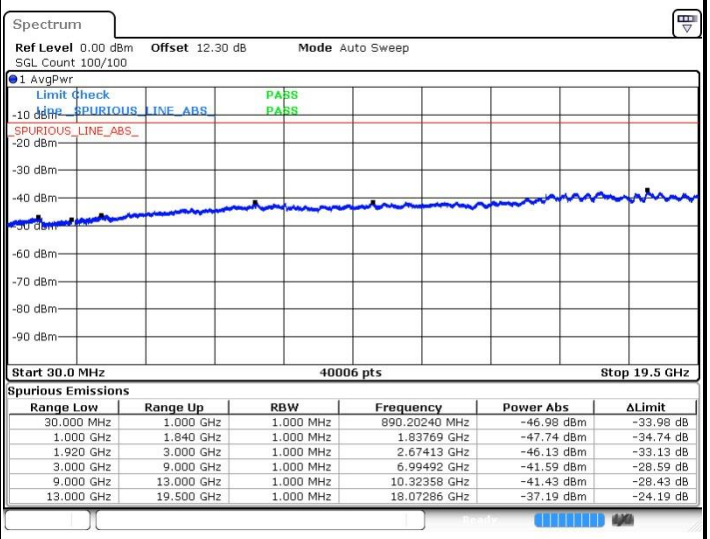


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.27886 MHz	-46.88 dBm	-33.88 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-47.90 dBm	-34.90 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68349 GHz	-46.23 dBm	-33.23 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99442 GHz	-41.69 dBm	-28.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70479 GHz	-41.45 dBm	-28.45 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07686 GHz	-37.52 dBm	-24.52 dB

Date: 25.AUG.2015 10:57:18

Lowest Channel / 16QAM



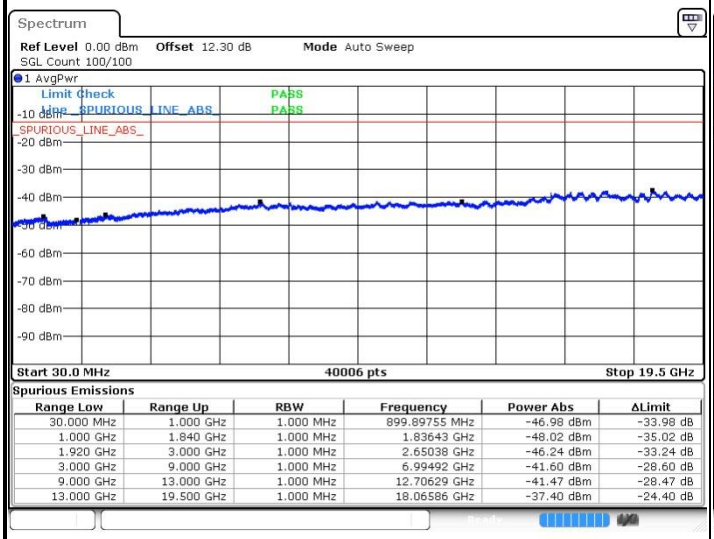
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.20240 MHz	-46.98 dBm	-33.98 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-47.74 dBm	-34.74 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67413 GHz	-46.13 dBm	-33.13 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99492 GHz	-41.59 dBm	-28.59 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32358 GHz	-41.43 dBm	-28.43 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07286 GHz	-37.19 dBm	-24.19 dB

Date: 25.AUG.2015 10:58:13

LTE Band 2 / 10MHz

Middle Channel / QPSK

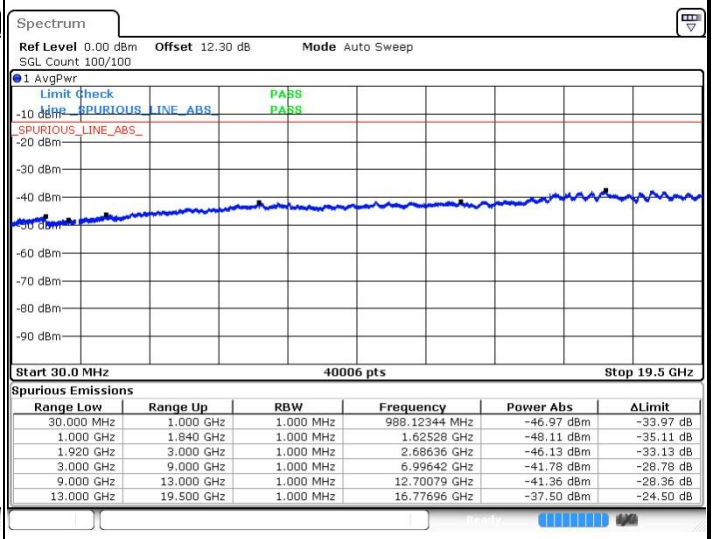


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	899.89755 MHz	-46.98 dBm	-33.98 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83643 GHz	-48.02 dBm	-35.02 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65038 GHz	-46.24 dBm	-33.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99492 GHz	-41.60 dBm	-28.60 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70629 GHz	-41.47 dBm	-28.47 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06586 GHz	-37.40 dBm	-24.40 dB

Date: 25.AUG.2015 10:59:50

Middle Channel / 16QAM

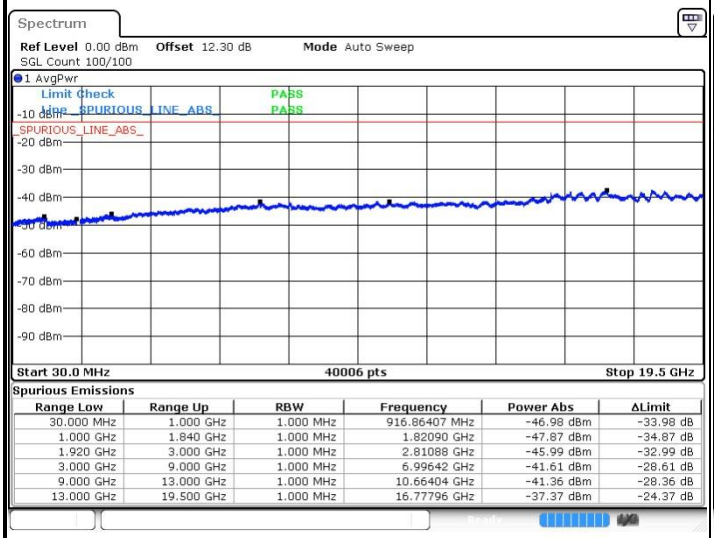


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.12344 MHz	-46.97 dBm	-33.97 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62528 GHz	-48.11 dBm	-35.11 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68636 GHz	-46.13 dBm	-33.13 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99642 GHz	-41.78 dBm	-28.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70079 GHz	-41.36 dBm	-28.36 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.77696 GHz	-37.50 dBm	-24.50 dB

Date: 25.AUG.2015 11:00:45

Highest Channel / QPSK

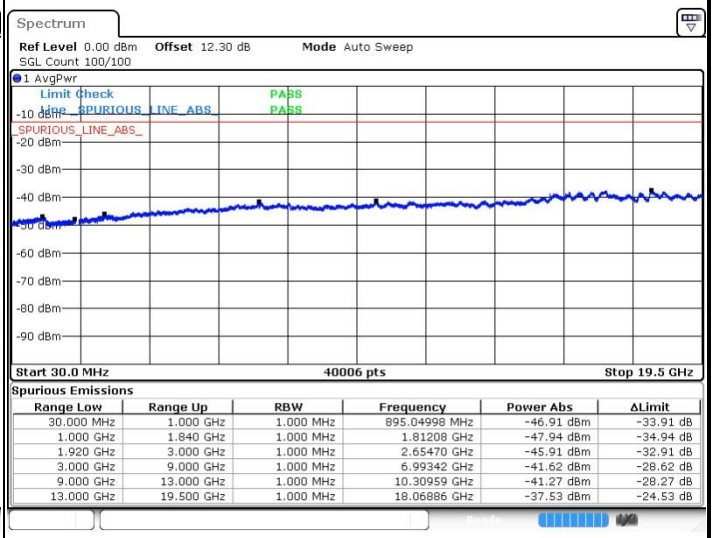


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.86407 MHz	-46.98 dBm	-33.98 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82090 GHz	-47.87 dBm	-34.87 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.81088 GHz	-45.99 dBm	-32.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99642 GHz	-41.61 dBm	-28.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.66404 GHz	-41.36 dBm	-28.36 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.77796 GHz	-37.37 dBm	-24.37 dB

Date: 25.AUG.2015 11:06:59

Highest Channel / 16QAM



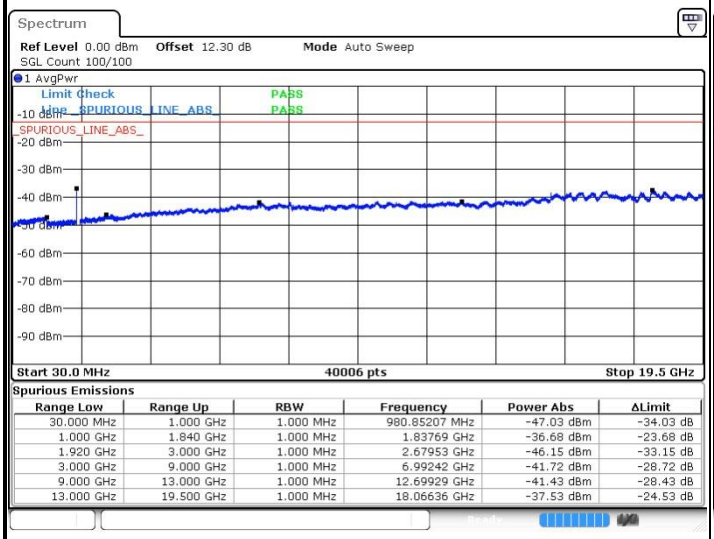
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	895.04998 MHz	-46.91 dBm	-33.91 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81208 GHz	-47.94 dBm	-34.94 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65470 GHz	-45.91 dBm	-32.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99342 GHz	-41.62 dBm	-28.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30959 GHz	-41.27 dBm	-28.27 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06886 GHz	-37.53 dBm	-24.53 dB

Date: 25.AUG.2015 11:07:54

LTE Band 2 / 15MHz

Lowest Channel / QPSK

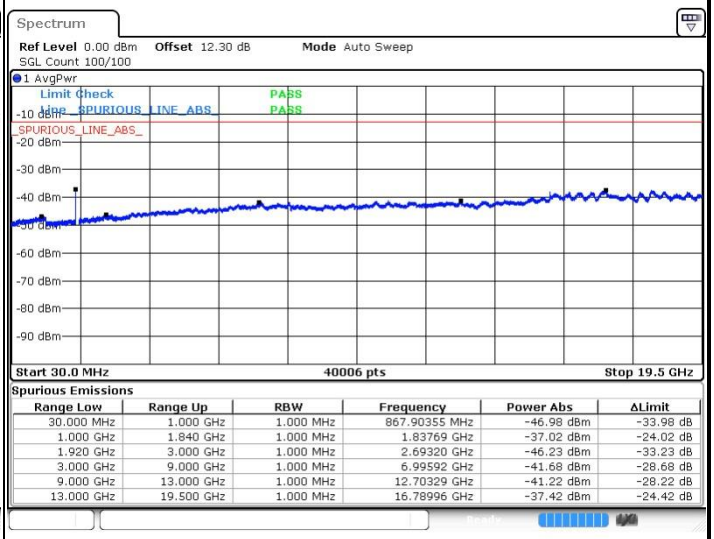


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.85207 MHz	-47.03 dBm	-34.03 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-36.68 dBm	-23.68 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67953 GHz	-46.15 dBm	-33.15 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99242 GHz	-41.72 dBm	-28.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69929 GHz	-41.43 dBm	-28.43 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06636 GHz	-37.53 dBm	-24.53 dB

Date: 25.AUG.2015 11:14:08

Lowest Channel / 16QAM

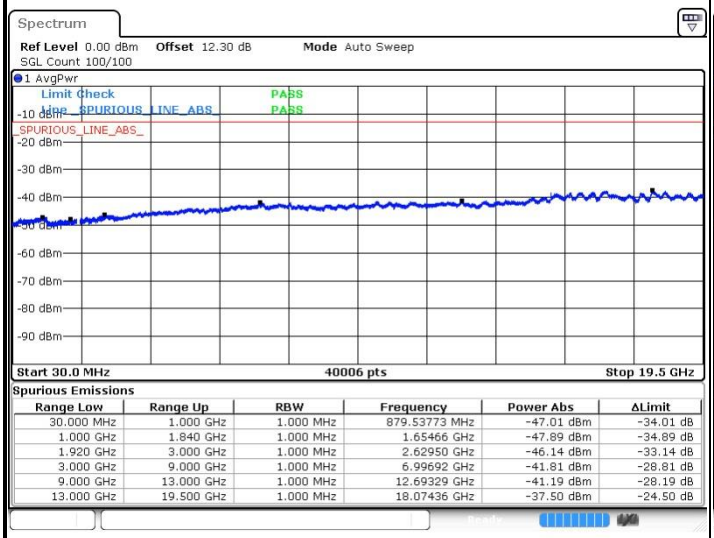


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	867.90355 MHz	-46.98 dBm	-33.98 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-37.02 dBm	-24.02 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.69320 GHz	-46.23 dBm	-33.23 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99592 GHz	-41.68 dBm	-28.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70329 GHz	-41.22 dBm	-28.22 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78996 GHz	-37.42 dBm	-24.42 dB

Date: 25.AUG.2015 11:15:03

Middle Channel / QPSK

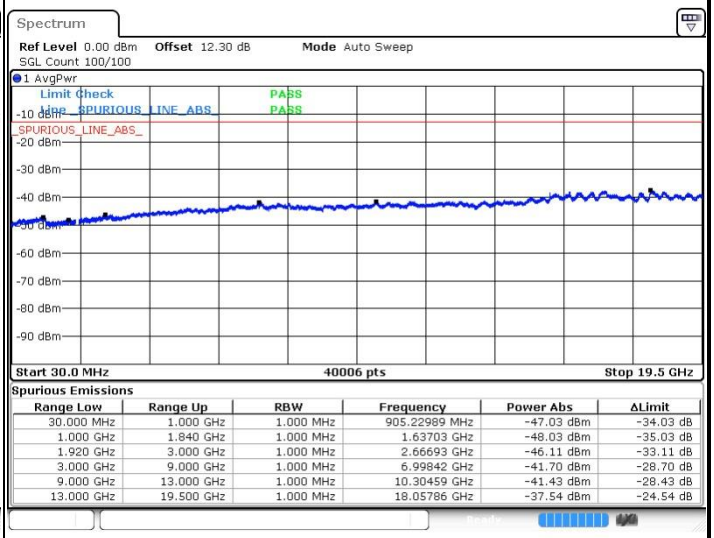


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	879.53773 MHz	-47.01 dBm	-34.01 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65466 GHz	-47.89 dBm	-34.89 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.62950 GHz	-46.14 dBm	-33.14 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99692 GHz	-41.81 dBm	-28.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69329 GHz	-41.19 dBm	-28.19 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07436 GHz	-37.50 dBm	-24.50 dB

Date: 25.AUG.2015 11:16:40

Middle Channel / 16QAM



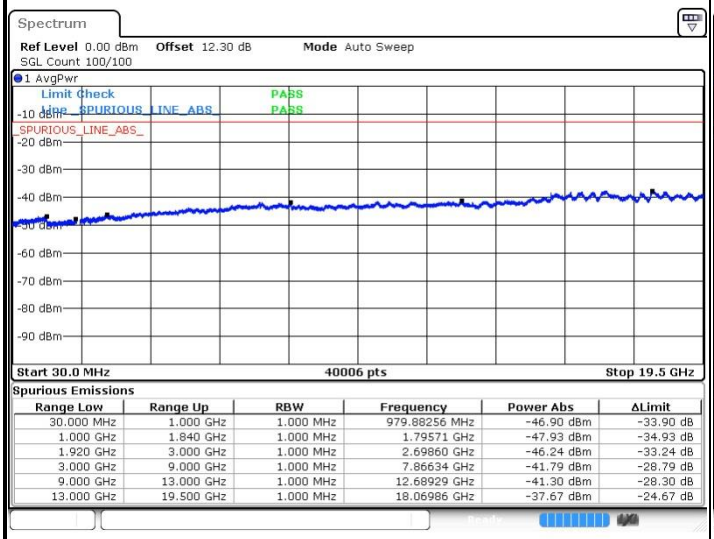
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	905.22989 MHz	-47.03 dBm	-34.03 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.63703 GHz	-48.03 dBm	-35.03 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66693 GHz	-46.11 dBm	-33.11 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99842 GHz	-41.70 dBm	-28.70 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30459 GHz	-41.43 dBm	-28.43 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.05786 GHz	-37.54 dBm	-24.54 dB

Date: 25.AUG.2015 11:17:35

LTE Band 2 / 15MHz

Highest Channel / QPSK

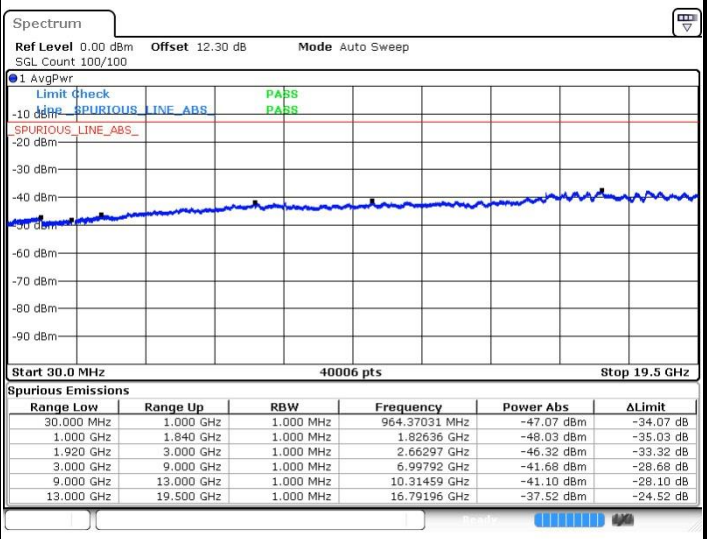


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.88256 MHz	-46.90 dBm	-33.90 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79571 GHz	-47.93 dBm	-34.93 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.69860 GHz	-46.24 dBm	-33.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86634 GHz	-41.79 dBm	-28.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68929 GHz	-41.30 dBm	-28.30 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06986 GHz	-37.67 dBm	-24.67 dB

Date: 25.AUG.2015 11:23:49

Highest Channel / 16QAM



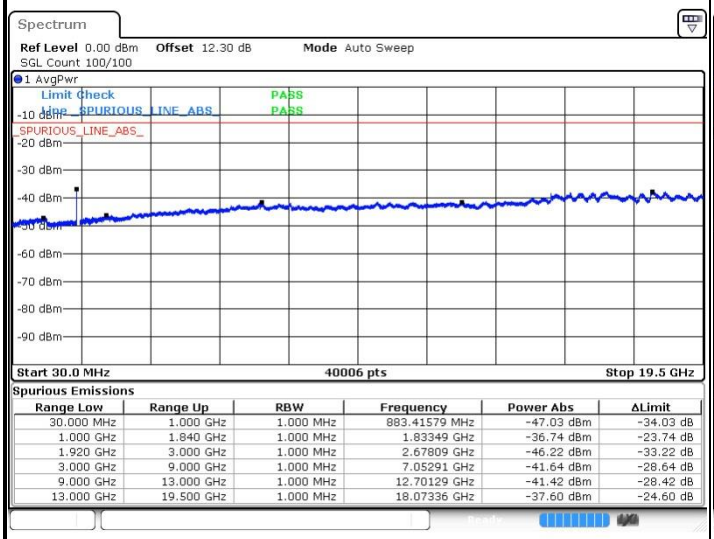
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.37031 MHz	-47.07 dBm	-34.07 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82636 GHz	-48.03 dBm	-35.03 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66297 GHz	-46.32 dBm	-33.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99792 GHz	-41.68 dBm	-28.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31459 GHz	-41.10 dBm	-28.10 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.79196 GHz	-37.52 dBm	-24.52 dB

Date: 25.AUG.2015 11:24:43

LTE Band 2 / 20MHz

Lowest Channel / QPSK

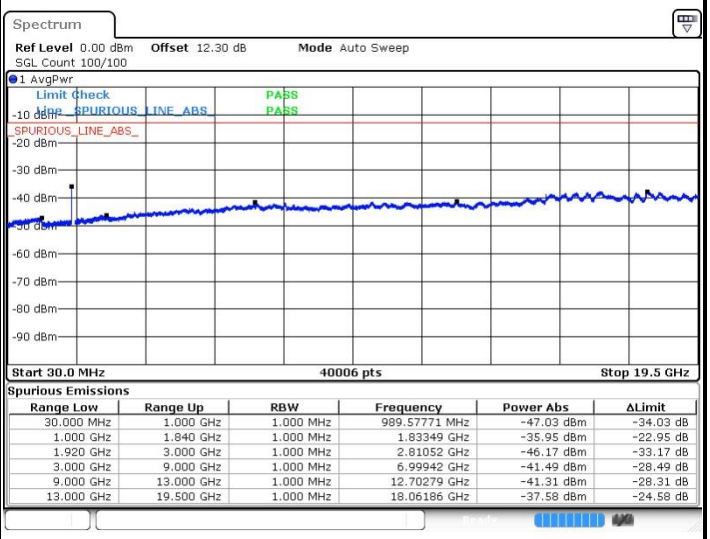


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	883.41579 MHz	-47.03 dBm	-34.03 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-36.74 dBm	-23.74 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67809 GHz	-46.22 dBm	-33.22 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05291 GHz	-41.64 dBm	-28.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70129 GHz	-41.42 dBm	-28.42 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07336 GHz	-37.60 dBm	-24.60 dB

Date: 25.AUG.2015 11:30:57

Lowest Channel / 16QAM



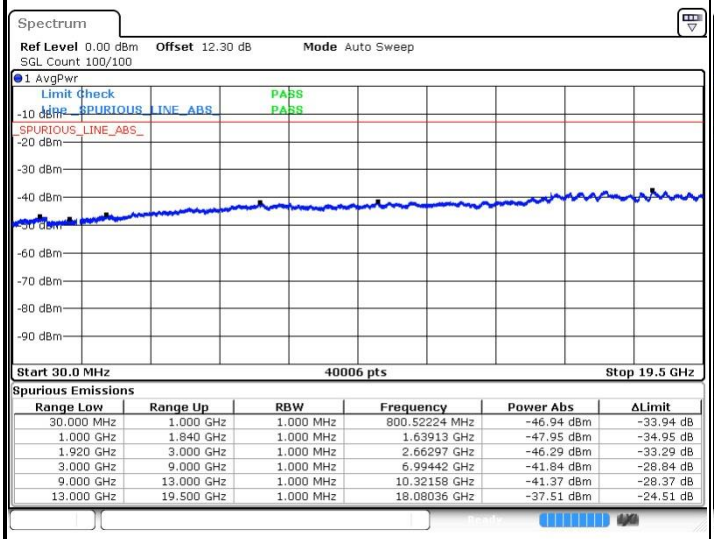
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.57771 MHz	-47.03 dBm	-34.03 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-35.95 dBm	-22.95 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.81052 GHz	-46.17 dBm	-33.17 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99942 GHz	-41.49 dBm	-28.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70279 GHz	-41.31 dBm	-28.31 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06186 GHz	-37.58 dBm	-24.58 dB

Date: 25.AUG.2015 11:31:51

LTE Band 2 / 20MHz

Middle Channel / QPSK

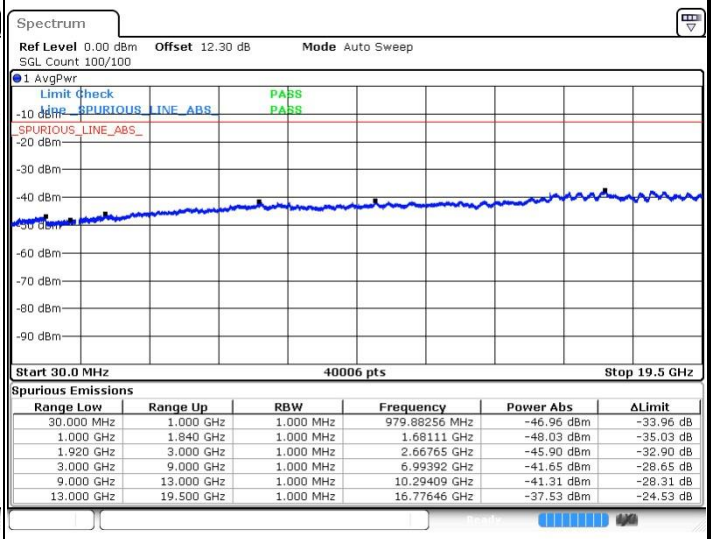


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	800.52224 MHz	-46.94 dBm	-33.94 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.63913 GHz	-47.95 dBm	-34.95 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66297 GHz	-46.29 dBm	-33.29 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99442 GHz	-41.84 dBm	-28.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32158 GHz	-41.37 dBm	-28.37 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.08036 GHz	-37.51 dBm	-24.51 dB

Date: 25.AUG.2015 11:33:28

Middle Channel / 16QAM

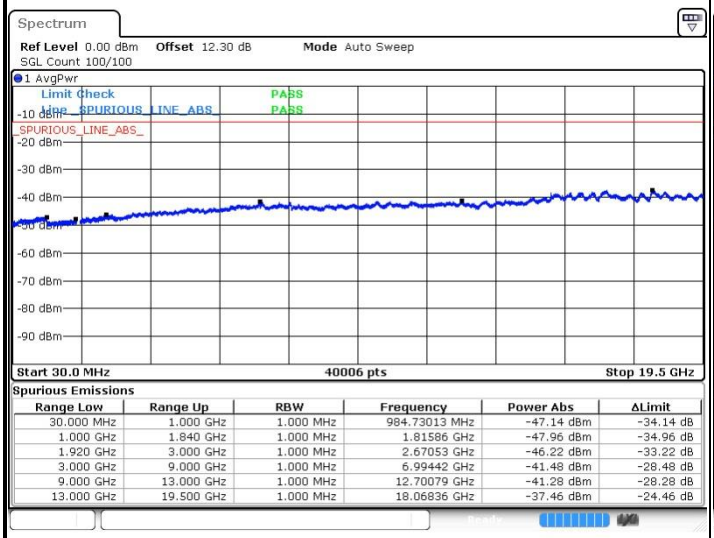


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.88256 MHz	-46.96 dBm	-33.96 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.68111 GHz	-48.03 dBm	-35.03 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66765 GHz	-45.90 dBm	-32.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99392 GHz	-41.65 dBm	-28.65 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.29409 GHz	-41.31 dBm	-28.31 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.77646 GHz	-37.53 dBm	-24.53 dB

Date: 25.AUG.2015 11:34:22

Highest Channel / QPSK

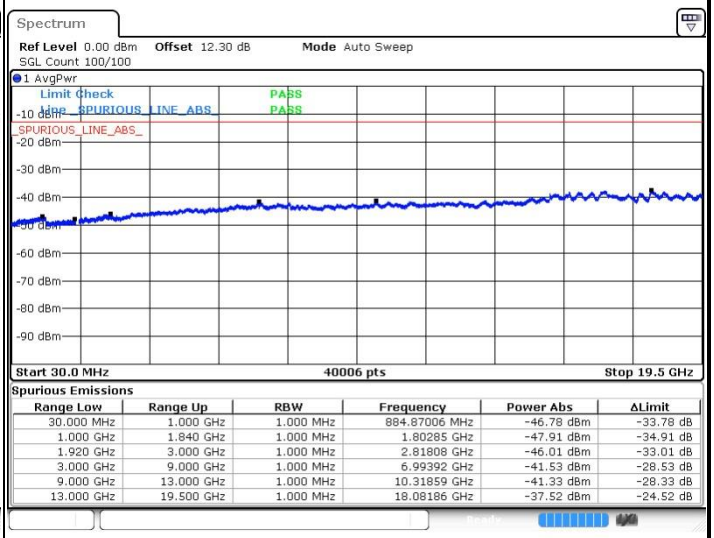


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.73013 MHz	-47.14 dBm	-34.14 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81586 GHz	-47.96 dBm	-34.96 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67053 GHz	-46.22 dBm	-33.22 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99442 GHz	-41.48 dBm	-28.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70079 GHz	-41.28 dBm	-28.28 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06836 GHz	-37.46 dBm	-24.46 dB

Date: 25.AUG.2015 11:40:35

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	884.87006 MHz	-46.78 dBm	-33.78 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80285 GHz	-47.91 dBm	-34.91 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.81808 GHz	-46.01 dBm	-33.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99392 GHz	-41.53 dBm	-28.53 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31859 GHz	-41.33 dBm	-28.33 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.08186 GHz	-37.52 dBm	-24.52 dB

Date: 25.AUG.2015 11:41:30

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.6 V.；Maximum Voltage =4.2 V

2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 4

Peak-to-Average Ratio

Mode	LTE Band 4 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.09	4.93	4.72	5.48	PASS
Middle CH	4.06	4.49	5.10	5.74	
Highest CH	4.72	4.61	4.32	5.68	

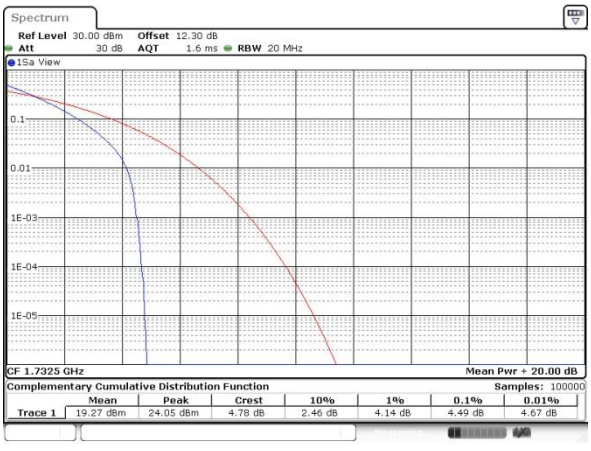
LTE Band 4 / 20MHz / QPSK

Lowest Channel / 1RB

Lowest Channel / Full RB

Middle Channel / 1RB

Middle Channel / Full RB

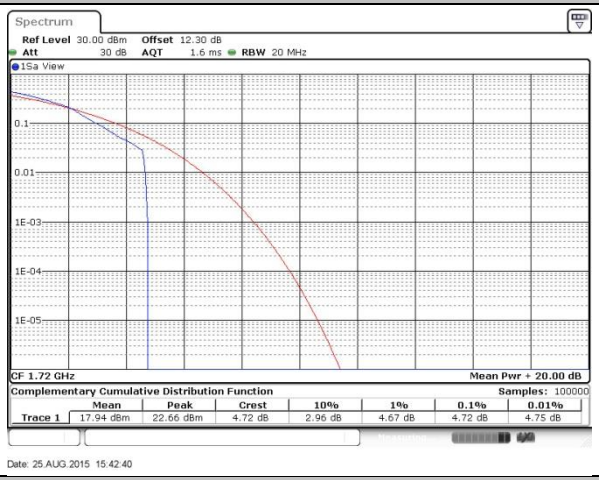


Highest Channel / 1RB

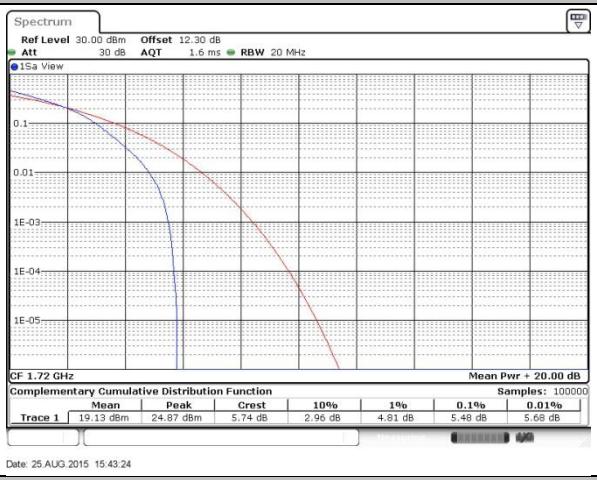
Highest Channel / Full RB

LTE Band 4 / 20MHz / 16QAM

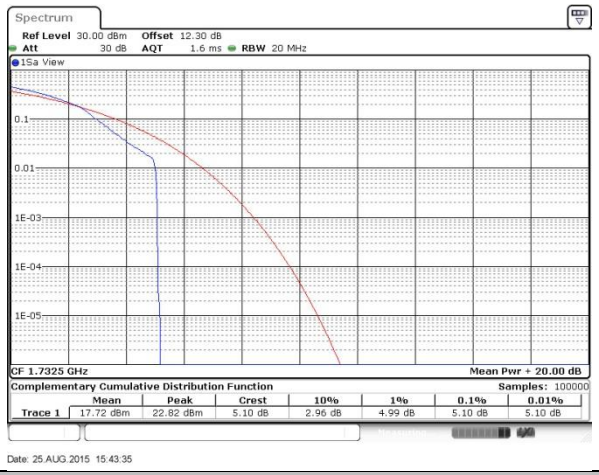
Lowest Channel / 1RB



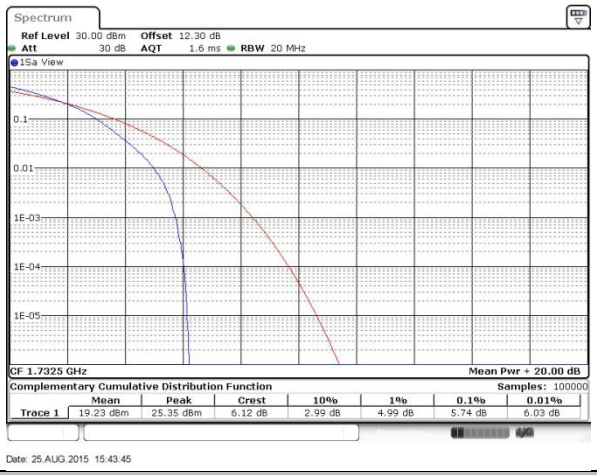
Lowest Channel / Full RB



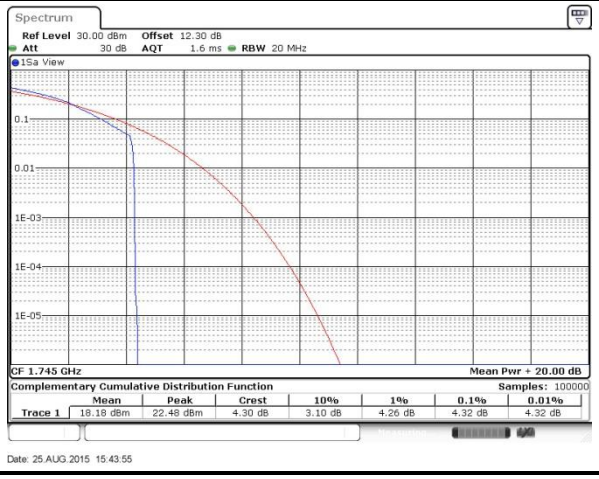
Middle Channel / 1RB



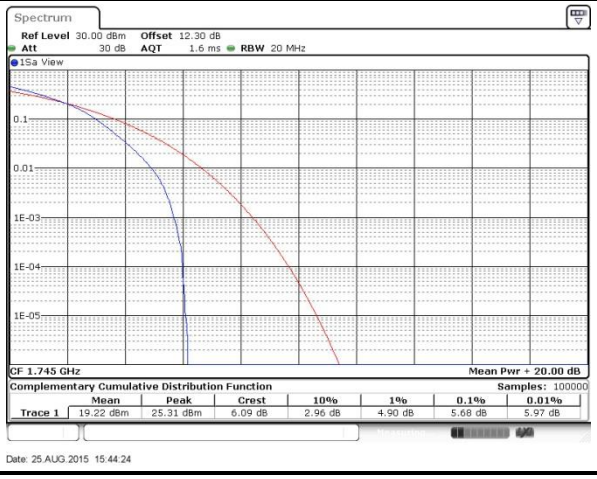
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

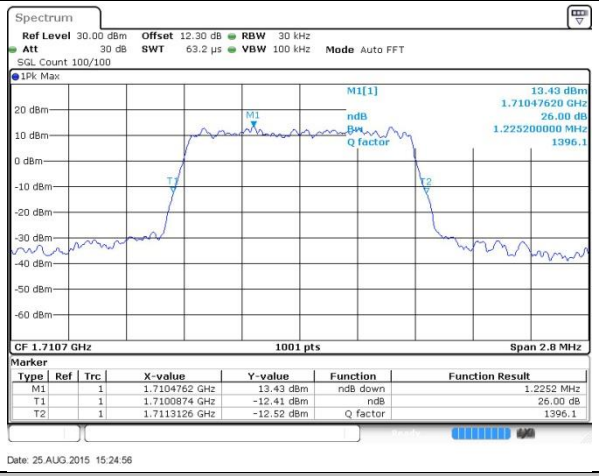


26dB Bandwidth

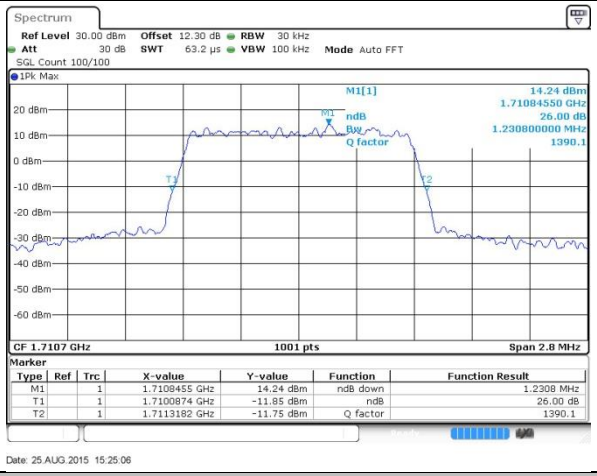
Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.23	1.23	3.04	3.06	4.91	4.90	9.77	9.87	14.42	14.72	20.10	20.26
Middle CH	1.22	1.23	3.00	3.03	4.90	4.91	9.79	9.77	14.45	14.42	20.18	20.14
Highest CH	1.23	1.22	3.04	2.98	4.89	4.89	9.71	9.77	14.48	14.24	20.22	20.18

LTE Band 4

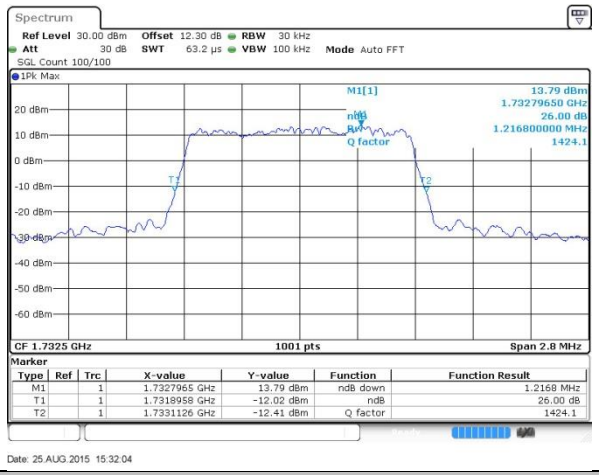
Lowest Channel / 1.4MHz / QPSK



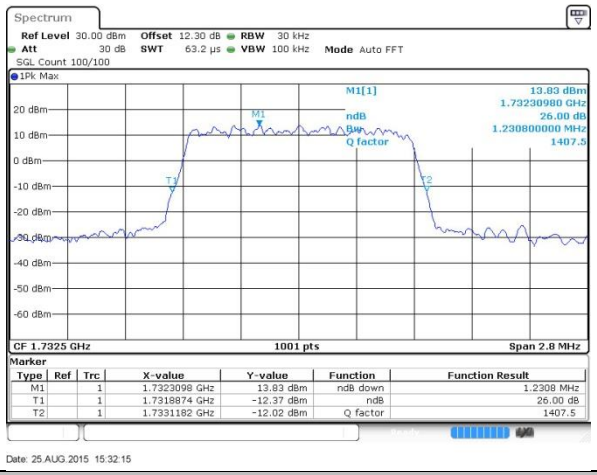
Lowest Channel / 1.4MHz / 16QAM



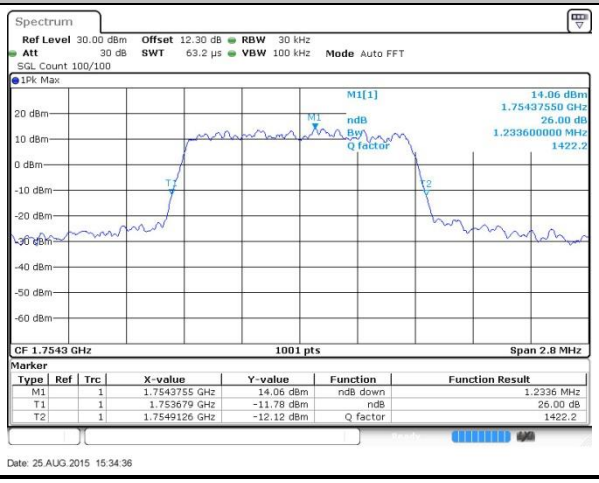
Middle Channel / 1.4MHz / QPSK



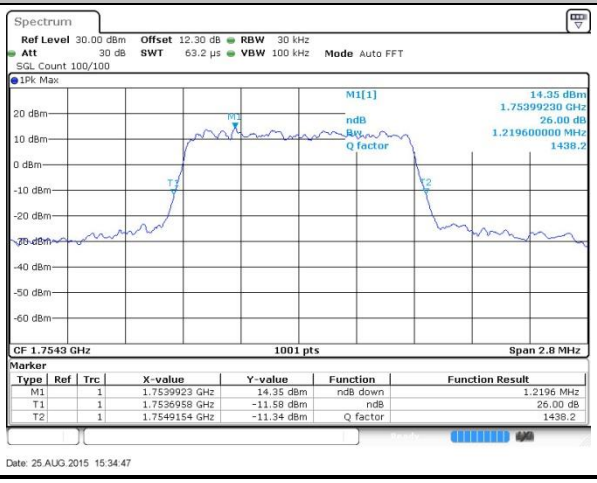
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

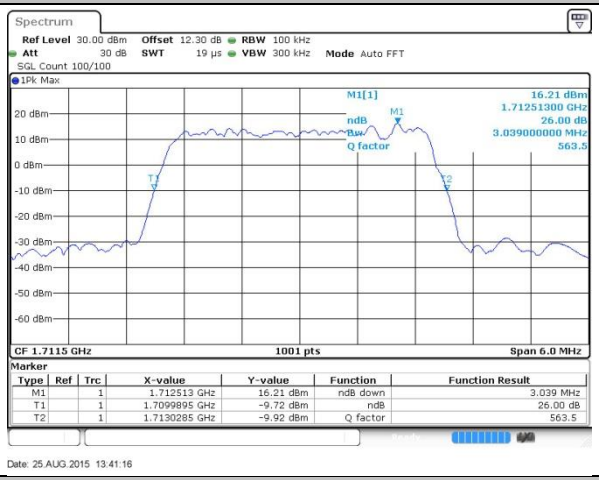


Highest Channel / 1.4MHz / 16QAM

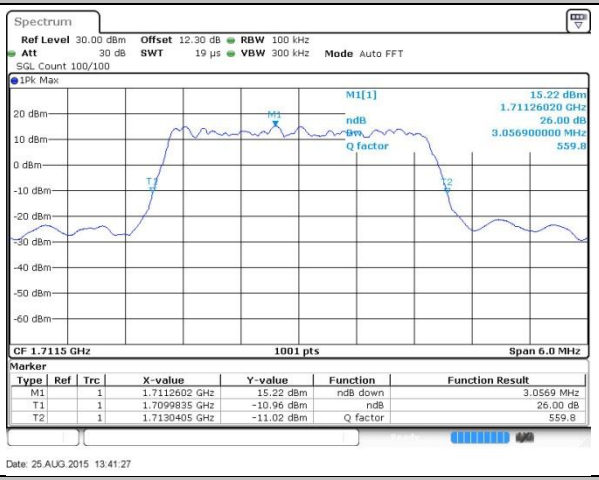


LTE Band 4

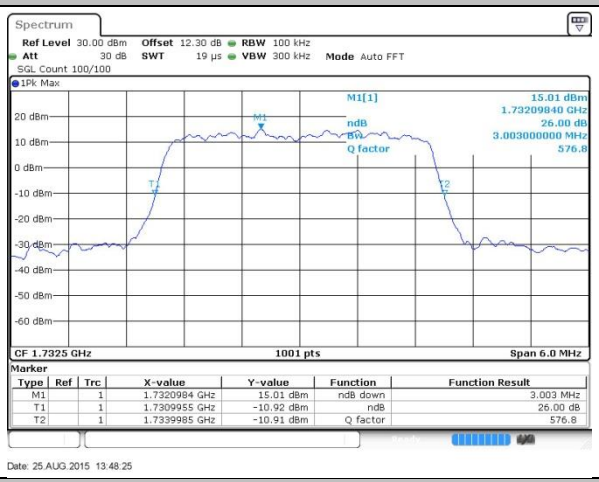
Lowest Channel / 3MHz / QPSK



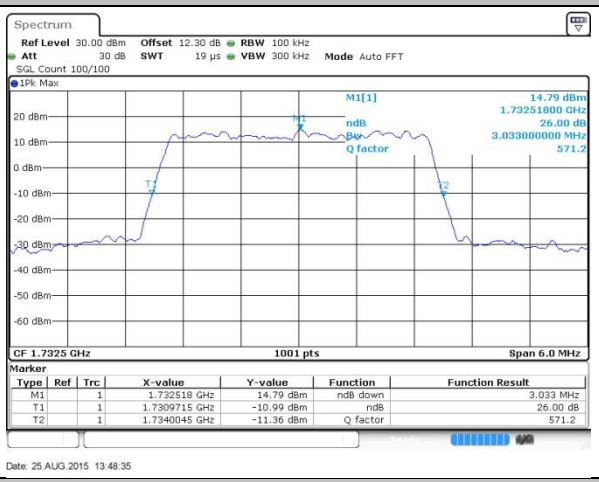
Lowest Channel / 3MHz / 16QAM



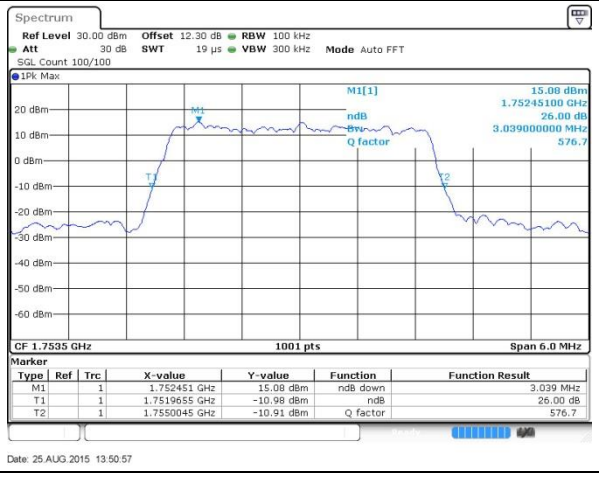
Middle Channel / 3MHz / QPSK



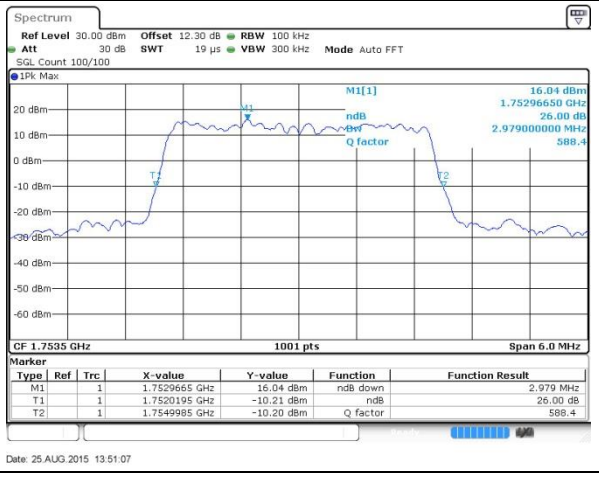
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

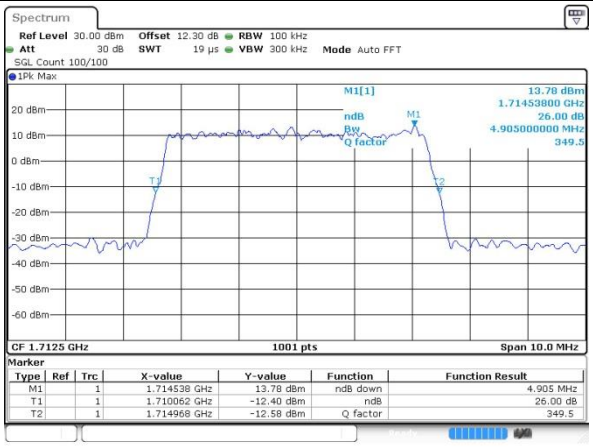


Highest Channel /3MHz / 16QAM

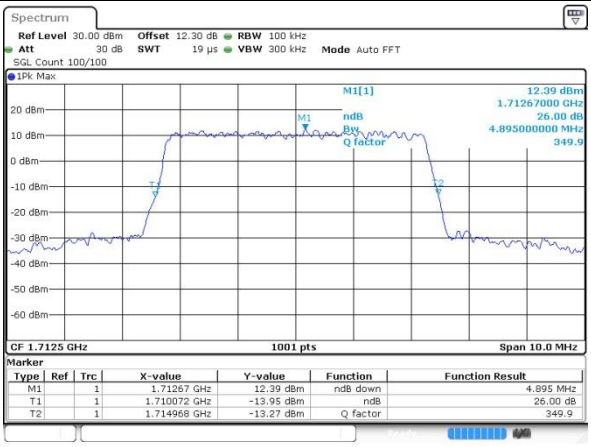


LTE Band 4

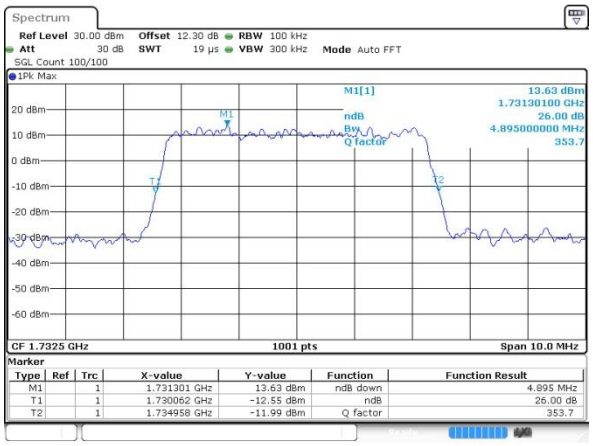
Lowest Channel / 5MHz / QPSK



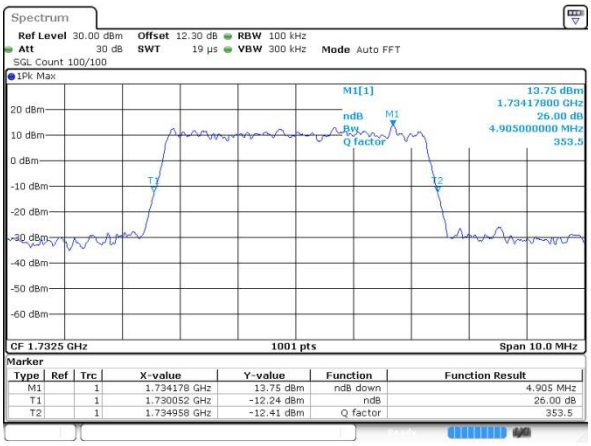
Lowest Channel / 5MHz / 16QAM



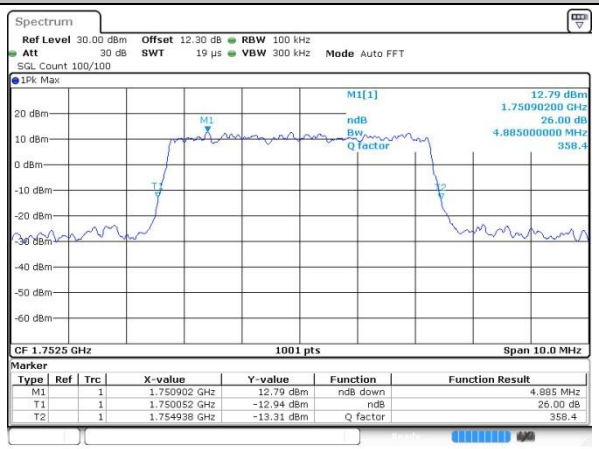
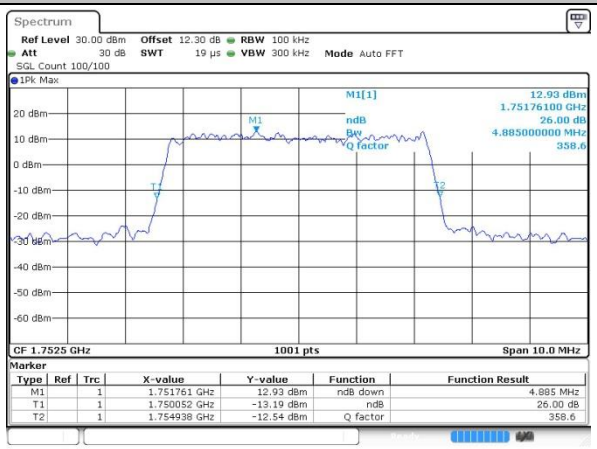
Middle Channel / 5MHz / QPSK



Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



Highest Channel / 5MHz / 16QAM