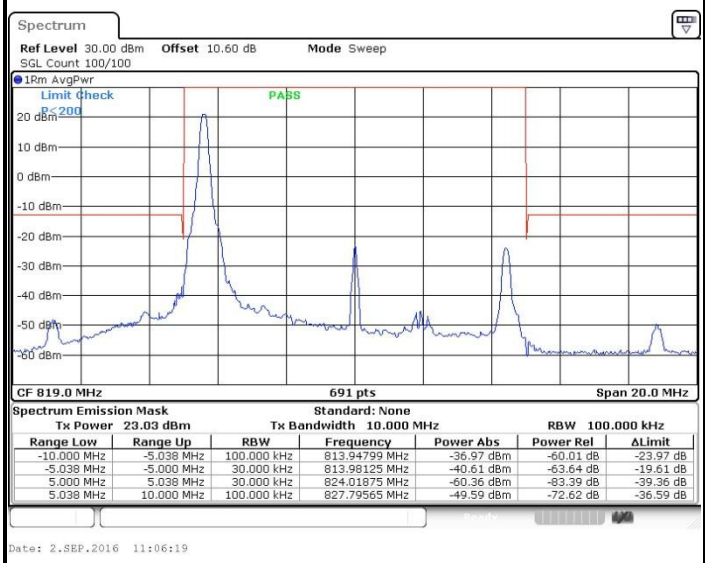
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB

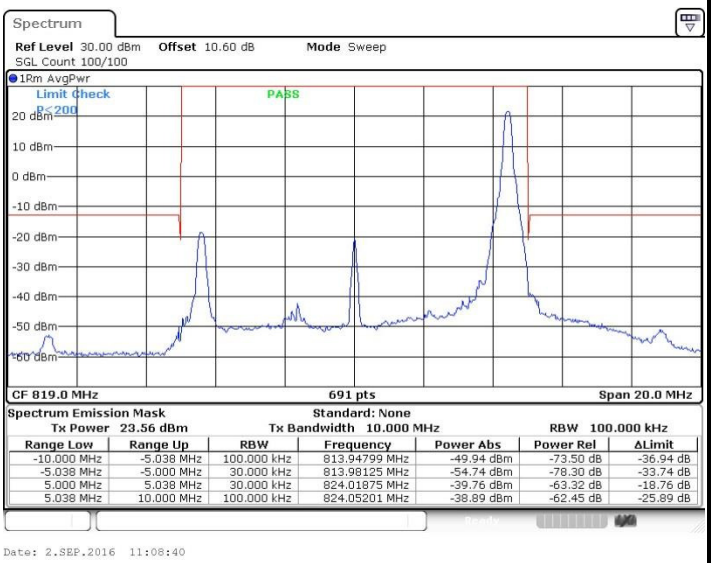


Spectrum Emission Mask Standard: None
Tx Power 23.03 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.94799 MHz	-36.97 dBm	-60.01 dB	-23.97 dB
-5.038 MHz	-5.000 MHz	30.000 kHz	813.98125 MHz	-40.61 dBm	-63.64 dB	-19.61 dB
5.000 MHz	5.038 MHz	30.000 kHz	824.01875 MHz	-60.36 dBm	-83.39 dB	-39.36 dB
5.038 MHz	10.000 MHz	100.000 kHz	827.79565 MHz	-49.59 dBm	-72.62 dB	-36.59 dB

Date: 2.SEP.2016 11:06:19

Highest Band Edge / 1 RB

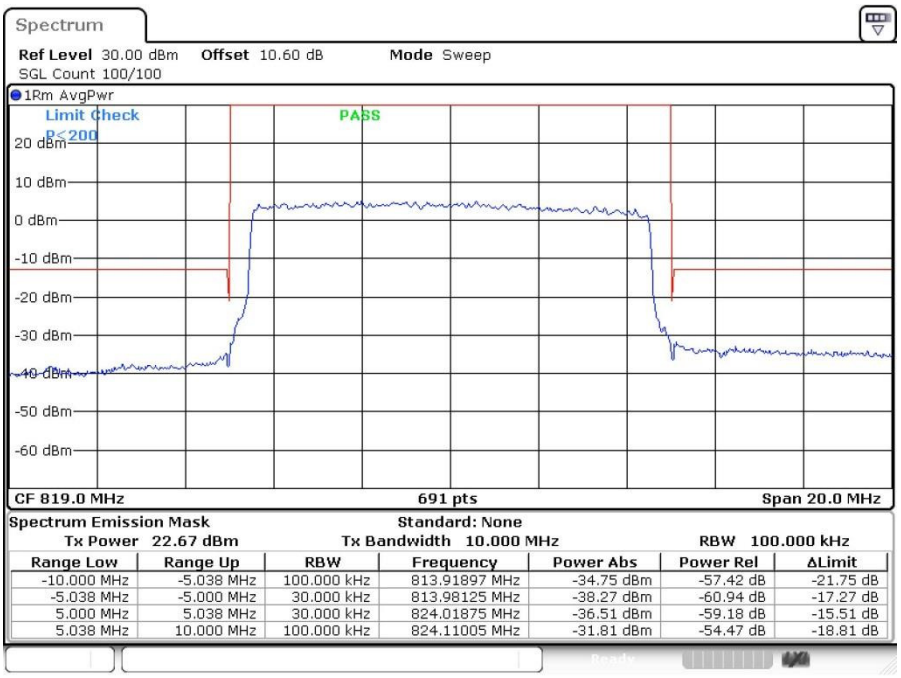


Spectrum Emission Mask Standard: None
Tx Power 23.56 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.94799 MHz	-49.94 dBm	-73.50 dB	-36.94 dB
-5.038 MHz	-5.000 MHz	30.000 kHz	813.98125 MHz	-54.74 dBm	-78.30 dB	-33.74 dB
5.000 MHz	5.038 MHz	30.000 kHz	824.01875 MHz	-39.76 dBm	-63.32 dB	-18.76 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.05201 MHz	-38.89 dBm	-62.45 dB	-25.89 dB

Date: 2.SEP.2016 11:08:40

Band Edge / Full RB



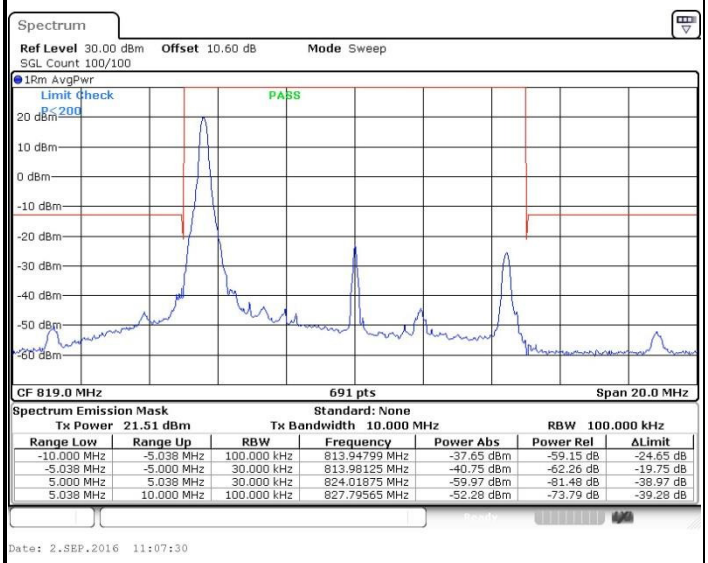
Spectrum Emission Mask Standard: None
Tx Power 22.67 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.91897 MHz	-34.75 dBm	-57.42 dB	-21.75 dB
-5.038 MHz	-5.000 MHz	30.000 kHz	813.98125 MHz	-38.27 dBm	-60.94 dB	-17.27 dB
5.000 MHz	5.038 MHz	30.000 kHz	824.01875 MHz	-36.51 dBm	-59.18 dB	-15.51 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.11005 MHz	-31.81 dBm	-54.47 dB	-18.81 dB

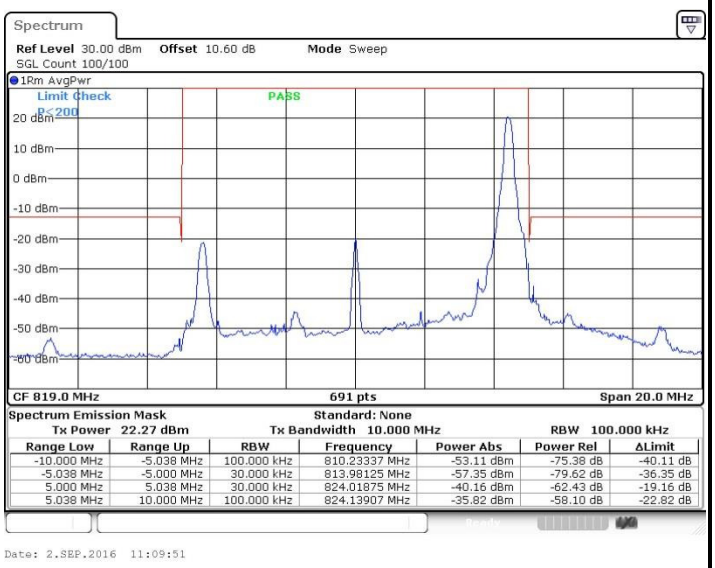
Date: 2.SEP.2016 11:11:01

LTE Band 26 / 10MHz / 16QAM

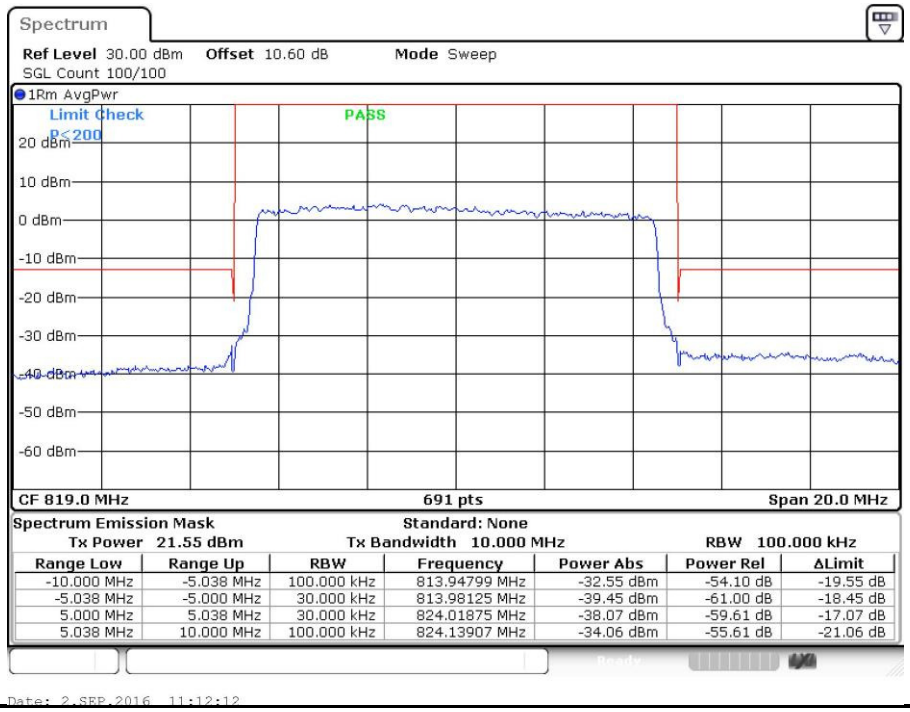
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

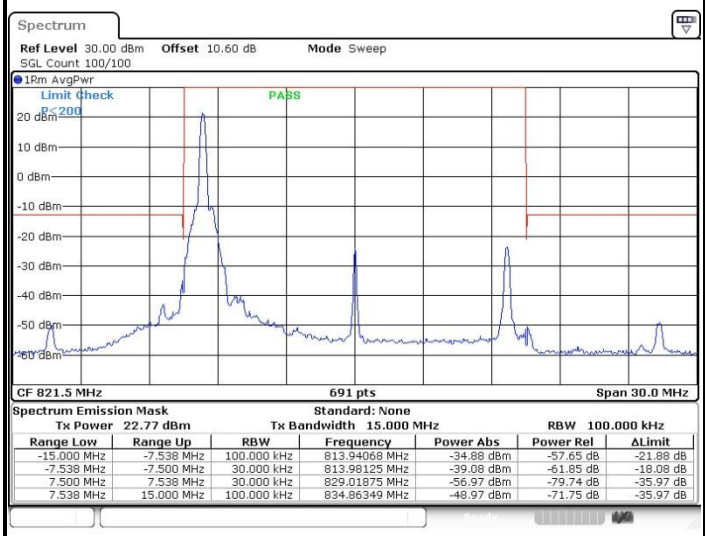


Band Edge / Full RB

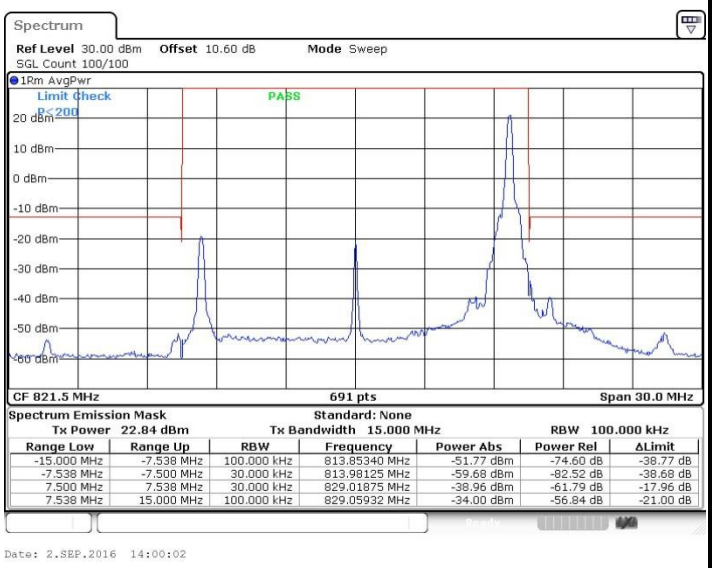


LTE Band 26 / 15MHz QPSK

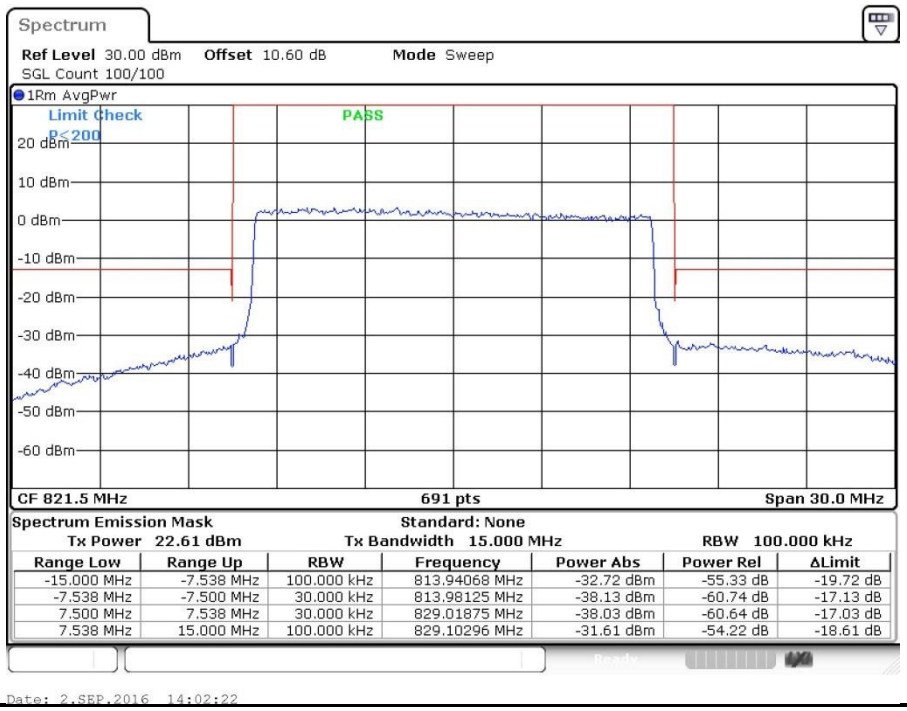
Lowest Band Edge / 1 RB



Lowest Band Edge / Full RB

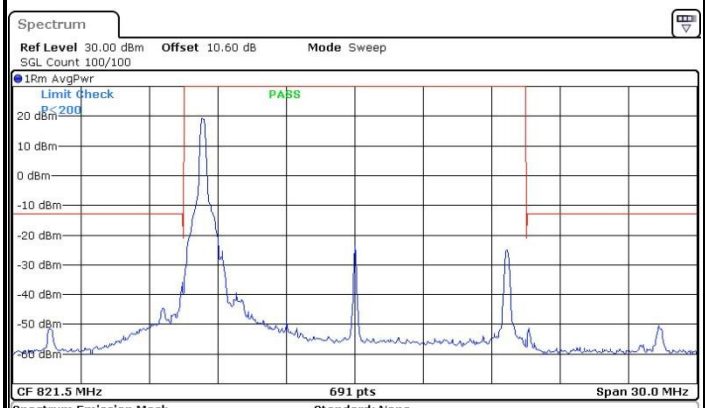


LTE Band 26 / 15MHz QPSK



LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB

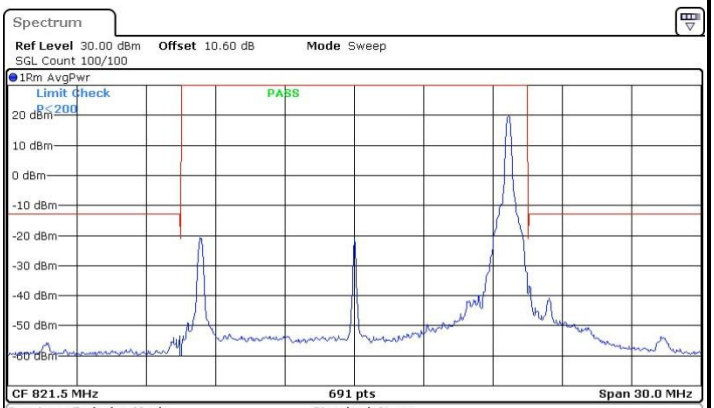


Spectrum Emission Mask Standard: None
Tx Power 21.43 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.94068 MHz	-35.86 dBm	-57.29 dB	-22.86 dB
-7.538 MHz	-7.500 MHz	30.000 kHz	813.98125 MHz	-39.58 dBm	-61.01 dB	-18.58 dB
7.500 MHz	7.538 MHz	30.000 kHz	829.01875 MHz	-57.84 dBm	-79.27 dB	-36.84 dB
7.538 MHz	15.000 MHz	100.000 kHz	834.81985 MHz	-50.47 dBm	-71.90 dB	-37.47 dB

Date: 2.SEP.2016 13:58:52

Lowest Band Edge / Full RB

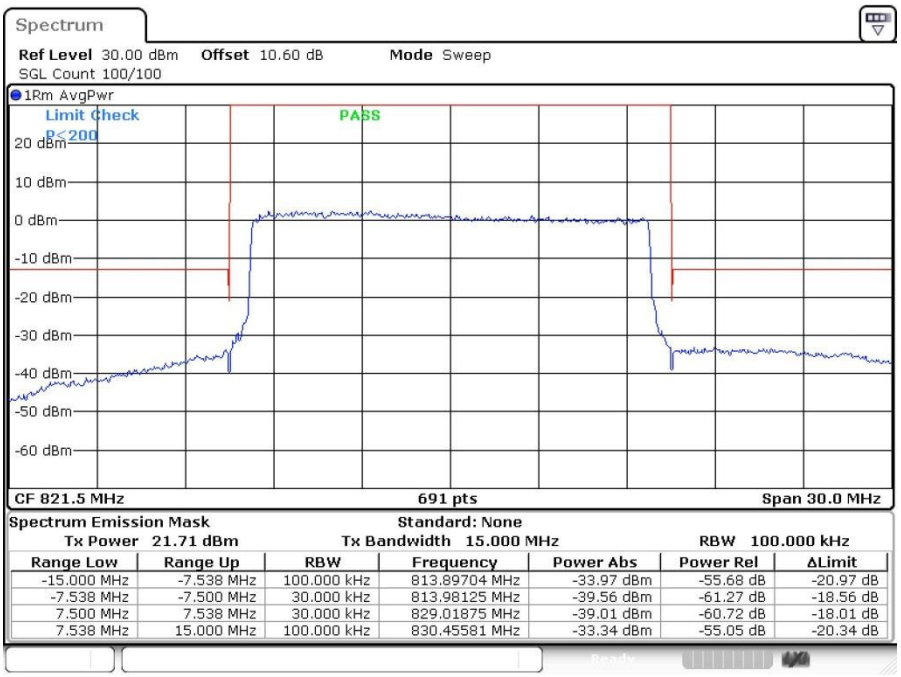


Spectrum Emission Mask Standard: None
Tx Power 21.51 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.94068 MHz	-53.40 dBm	-74.91 dB	-40.40 dB
-7.538 MHz	-7.500 MHz	30.000 kHz	813.98125 MHz	-59.99 dBm	-81.49 dB	-38.99 dB
7.500 MHz	7.538 MHz	30.000 kHz	829.01875 MHz	-39.43 dBm	-60.94 dB	-18.43 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.05932 MHz	-36.67 dBm	-58.18 dB	-23.67 dB

Date: 2.SEP.2016 14:01:12

LTE Band 26 / 15MHz 16QAM



Spectrum Emission Mask Standard: None
Tx Power 21.71 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz

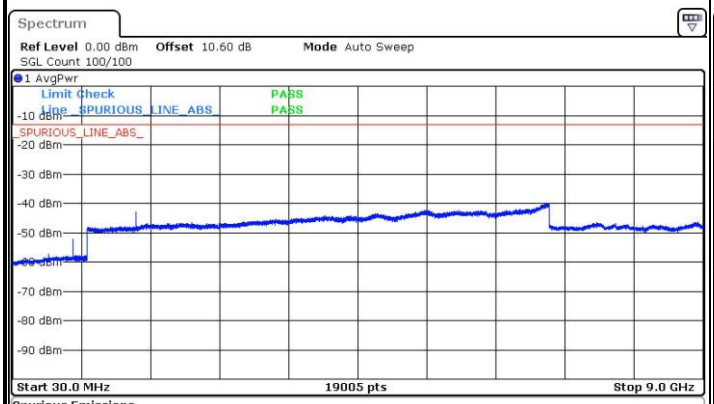
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.89704 MHz	-33.97 dBm	-55.68 dB	-20.97 dB
-7.538 MHz	-7.500 MHz	30.000 kHz	813.98125 MHz	-39.56 dBm	-61.27 dB	-18.56 dB
7.500 MHz	7.538 MHz	30.000 kHz	829.01875 MHz	-39.01 dBm	-60.72 dB	-18.01 dB
7.538 MHz	15.000 MHz	100.000 kHz	830.45581 MHz	-33.34 dBm	-55.05 dB	-20.34 dB

Date: 2.SEP.2016 14:03:32

Conducted Spurious Emission

LTE Band 26 / 1.4MHz

Lowest Channel / QPSK

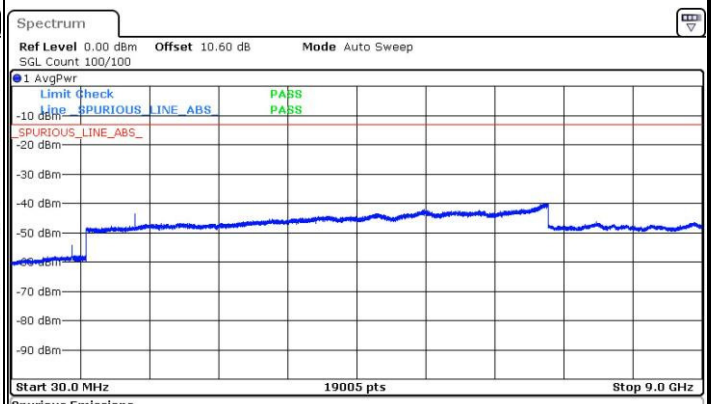


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	810.80485 MHz	-52.34 dBm	-39.34 dB
827.000 MHz	1.000 GHz	100.000 kHz	909.00649 MHz	-57.79 dBm	-44.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62859 GHz	-43.05 dBm	-30.05 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97625 GHz	-39.96 dBm	-26.96 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92627 GHz	-46.37 dBm	-33.37 dB

Date: 2.SEP.2016 13:44:02

Lowest Channel / 16QAM

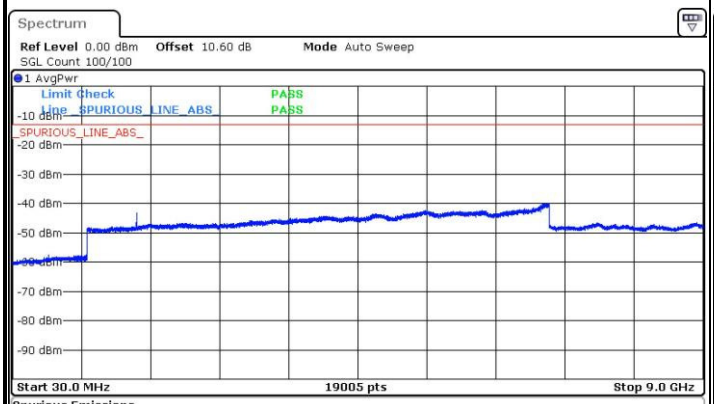


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	810.80485 MHz	-54.45 dBm	-41.45 dB
827.000 MHz	1.000 GHz	100.000 kHz	837.80170 MHz	-57.85 dBm	-44.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62859 GHz	-43.70 dBm	-30.70 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-40.17 dBm	-27.17 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.63059 GHz	-46.40 dBm	-33.40 dB

Date: 2.SEP.2016 13:45:01

Middle Channel / QPSK

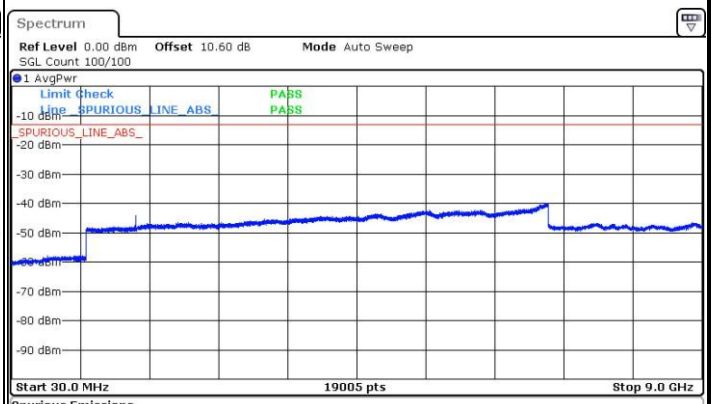


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	490.36457 MHz	-57.52 dBm	-44.52 dB
827.000 MHz	1.000 GHz	100.000 kHz	986.95155 MHz	-57.60 dBm	-44.60 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63759 GHz	-43.34 dBm	-30.34 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-40.06 dBm	-27.06 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92127 GHz	-46.44 dBm	-33.44 dB

Date: 2.SEP.2016 13:46:46

Middle Channel / 16QAM



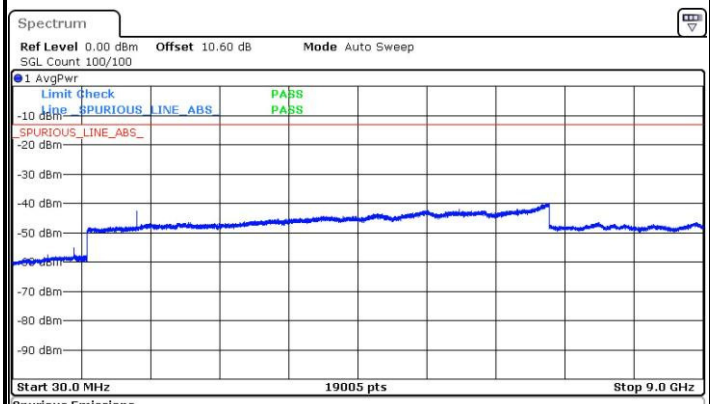
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	490.36457 MHz	-58.00 dBm	-45.00 dB
827.000 MHz	1.000 GHz	100.000 kHz	925.07942 MHz	-57.79 dBm	-44.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63759 GHz	-44.25 dBm	-31.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-39.86 dBm	-26.86 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.87978 GHz	-46.71 dBm	-33.71 dB

Date: 2.SEP.2016 13:47:45

LTE Band 26 / 1.4MHz

Highest Channel / QPSK

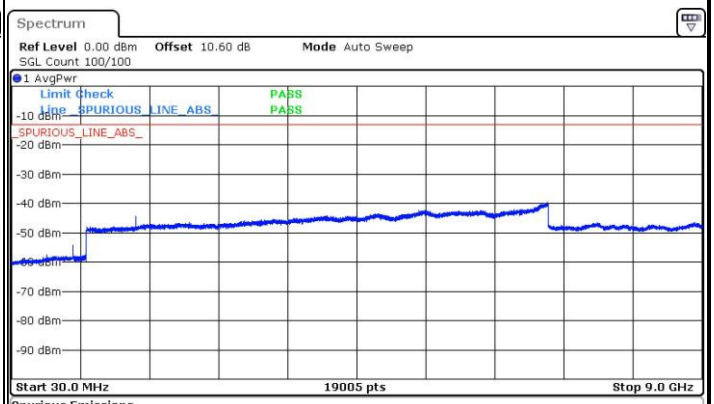


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	485.29060 MHz	-57.58 dBm	-44.58 dB
827.000 MHz	1.000 GHz	100.000 kHz	827.25924 MHz	-55.13 dBm	-42.13 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64609 GHz	-42.78 dBm	-29.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97725 GHz	-39.95 dBm	-26.95 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.64159 GHz	-46.42 dBm	-33.42 dB

Date: 2.SEP.2016 13:49:31

Highest Channel / 16QAM



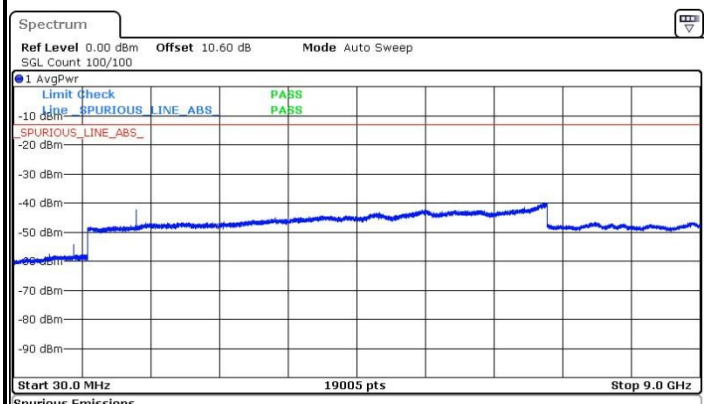
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	485.29060 MHz	-57.71 dBm	-44.71 dB
827.000 MHz	1.000 GHz	100.000 kHz	827.08641 MHz	-54.47 dBm	-41.47 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64609 GHz	-44.39 dBm	-31.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-39.58 dBm	-26.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88328 GHz	-46.67 dBm	-33.67 dB

Date: 2.SEP.2016 13:50:29

LTE Band 26 / 3MHz

Lowest Channel / QPSK

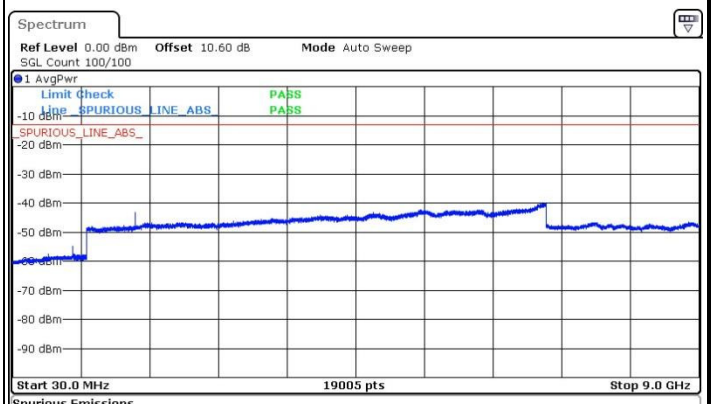


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	810.80485 MHz	-54.21 dBm	-41.21 dB
827.000 MHz	1.000 GHz	100.000 kHz	957.57093 MHz	-57.83 dBm	-44.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62859 GHz	-42.53 dBm	-29.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-40.02 dBm	-27.02 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.62209 GHz	-46.71 dBm	-33.71 dB

Date: 2.SEP.2016 11:27:09

Lowest Channel / 16QAM



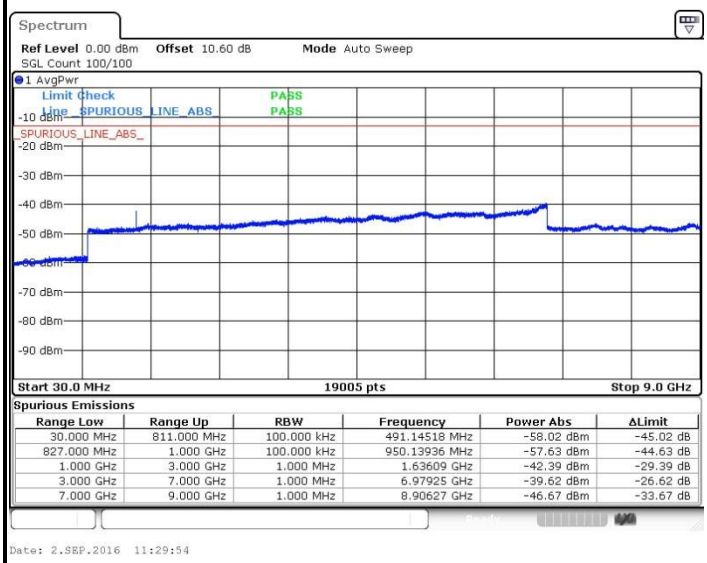
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	810.80485 MHz	-54.99 dBm	-41.99 dB
827.000 MHz	1.000 GHz	100.000 kHz	836.07343 MHz	-57.61 dBm	-44.61 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62859 GHz	-43.17 dBm	-30.17 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-39.93 dBm	-26.93 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.86378 GHz	-46.70 dBm	-33.70 dB

Date: 2.SEP.2016 11:28:08

LTE Band 26 / 3MHz

Middle Channel / QPSK

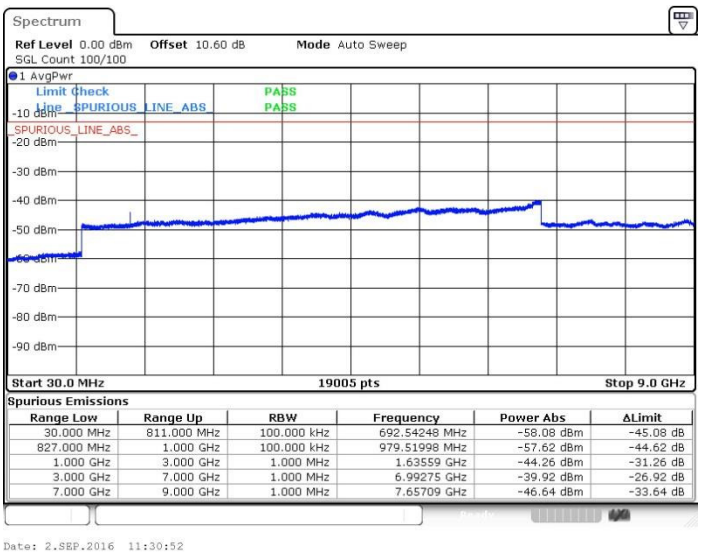


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	491.14518 MHz	-58.02 dBm	-45.02 dB
827.000 MHz	1.000 GHz	100.000 kHz	950.13936 MHz	-57.63 dBm	-44.63 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63609 GHz	-42.39 dBm	-29.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97925 GHz	-39.62 dBm	-26.62 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90627 GHz	-46.67 dBm	-33.67 dB

Date: 2.SEP.2016 11:29:54

Middle Channel / 16QAM

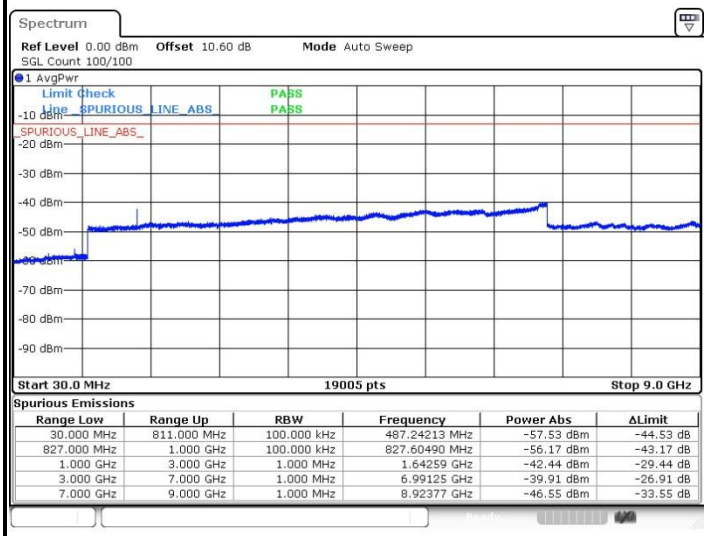


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	692.54248 MHz	-58.08 dBm	-45.08 dB
827.000 MHz	1.000 GHz	100.000 kHz	979.51998 MHz	-57.62 dBm	-44.62 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63559 GHz	-44.26 dBm	-31.26 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-39.92 dBm	-26.92 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.65709 GHz	-46.64 dBm	-33.64 dB

Date: 2.SEP.2016 11:30:52

Highest Channel / QPSK

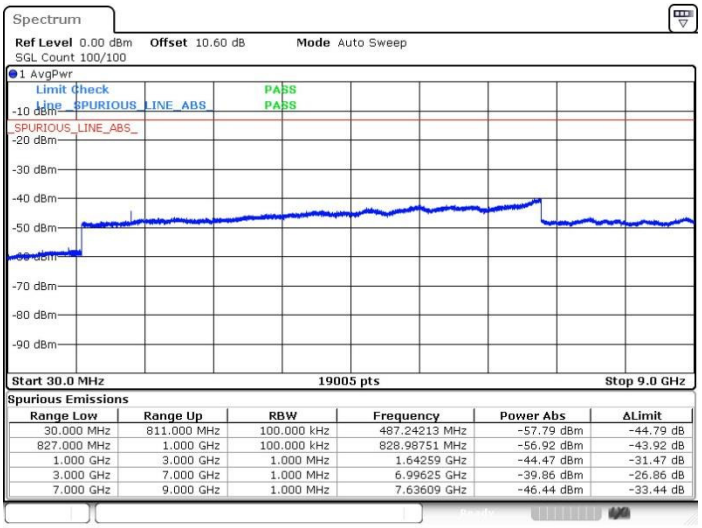


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	487.24213 MHz	-57.53 dBm	-44.53 dB
827.000 MHz	1.000 GHz	100.000 kHz	827.60490 MHz	-56.17 dBm	-43.17 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64259 GHz	-42.44 dBm	-29.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-39.91 dBm	-26.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92377 GHz	-46.55 dBm	-33.55 dB

Date: 2.SEP.2016 11:32:38

Highest Channel / 16QAM



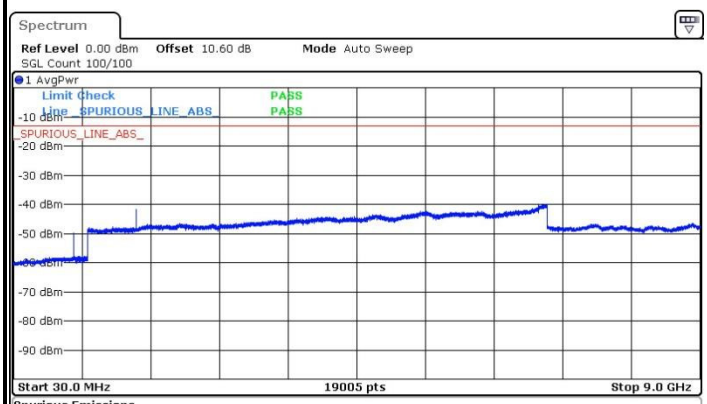
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	487.24213 MHz	-57.79 dBm	-44.79 dB
827.000 MHz	1.000 GHz	100.000 kHz	828.98751 MHz	-56.92 dBm	-43.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64259 GHz	-44.47 dBm	-31.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-39.86 dBm	-26.86 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.63609 GHz	-46.44 dBm	-33.44 dB

Date: 2.SEP.2016 11:33:37

LTE Band 26 / 5MHz

Lowest Channel / QPSK

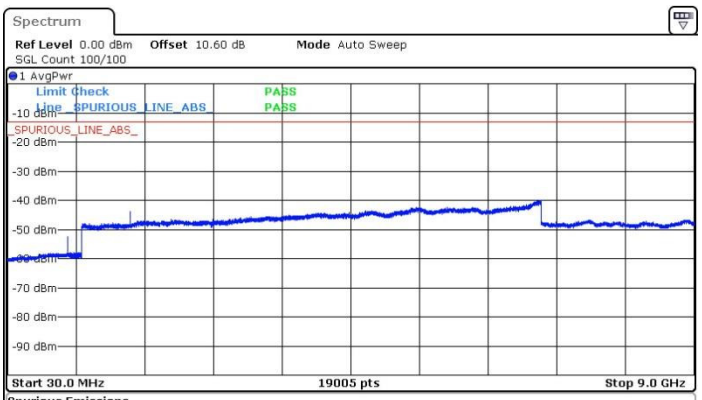


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	810.02424 MHz	-49.78 dBm	-36.78 dB
827.000 MHz	1.000 GHz	100.000 kHz	984.70480 MHz	-57.90 dBm	-44.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62909 GHz	-41.71 dBm	-28.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97425 GHz	-39.95 dBm	-26.95 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90477 GHz	-46.57 dBm	-33.57 dB

Date: 2.SEP.2016 11:35:22

Lowest Channel / 16QAM

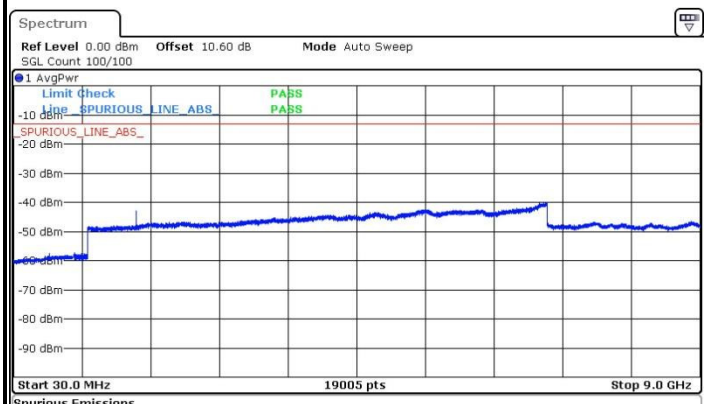


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	810.02424 MHz	-52.41 dBm	-39.41 dB
827.000 MHz	1.000 GHz	100.000 kHz	954.97852 MHz	-57.77 dBm	-44.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62909 GHz	-43.80 dBm	-30.80 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-40.09 dBm	-27.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90577 GHz	-46.73 dBm	-33.73 dB

Date: 2.SEP.2016 11:36:21

Middle Channel / QPSK

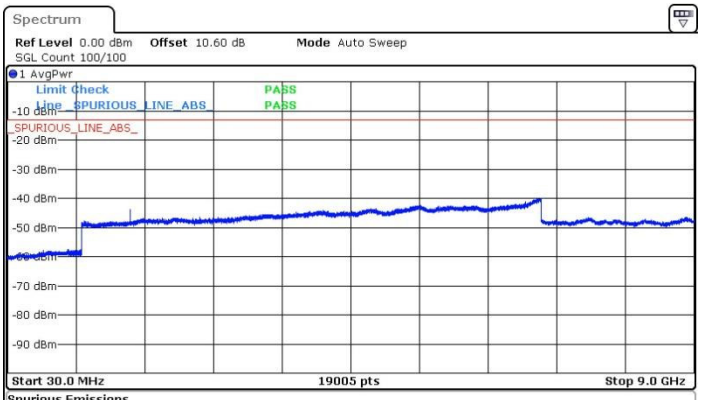


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	492.31609 MHz	-57.69 dBm	-44.69 dB
827.000 MHz	1.000 GHz	100.000 kHz	827.60490 MHz	-57.44 dBm	-44.44 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63409 GHz	-43.06 dBm	-30.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-40.04 dBm	-27.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89028 GHz	-46.58 dBm	-33.58 dB

Date: 2.SEP.2016 11:38:06

Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	810.41454 MHz	-57.65 dBm	-44.65 dB
827.000 MHz	1.000 GHz	100.000 kHz	981.59391 MHz	-57.58 dBm	-44.58 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63409 GHz	-43.98 dBm	-30.98 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95176 GHz	-39.94 dBm	-26.94 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90077 GHz	-46.54 dBm	-33.54 dB

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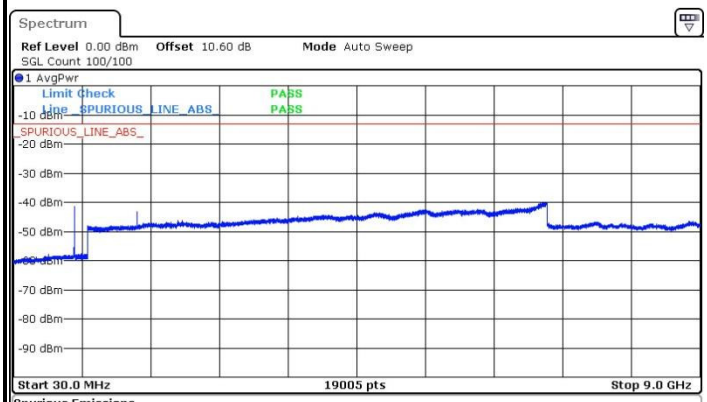
LTE Band 26 / 5MHz

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	810.80485 MHz	-55.52 dBm	-42.52 dB
827.000 MHz	1.000 GHz	100.000 kHz	827.95055 MHz	-41.52 dBm	-28.52 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63909 GHz	-43.22 dBm	-30.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-39.91 dBm	-26.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90777 GHz	-46.50 dBm	-33.50 dB

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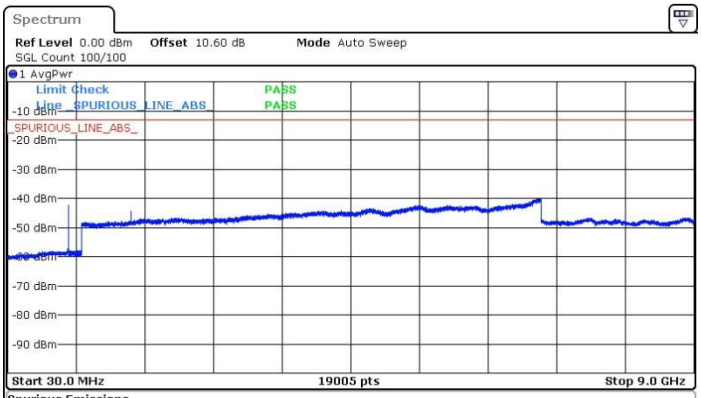
Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	810.80485 MHz	-57.25 dBm	-44.25 dB
827.000 MHz	1.000 GHz	100.000 kHz	827.95055 MHz	-42.49 dBm	-29.49 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63909 GHz	-44.37 dBm	-31.37 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-39.97 dBm	-26.97 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.65409 GHz	-46.83 dBm	-33.83 dB

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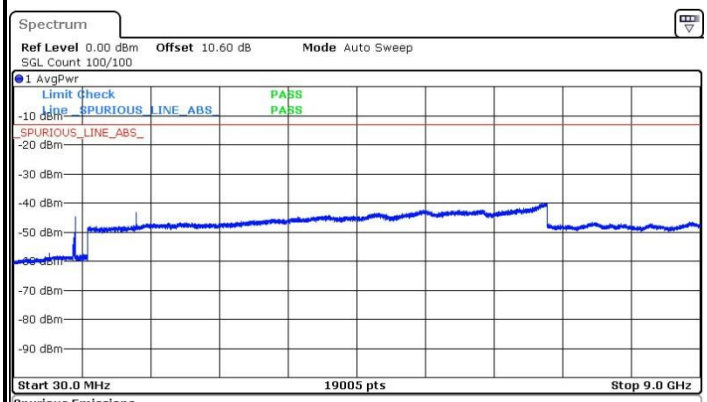
LTE Band 26 / 10MHz

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	810.41454 MHz	-51.95 dBm	-38.95 dB
827.000 MHz	1.000 GHz	100.000 kHz	832.27123 MHz	-44.86 dBm	-31.86 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62959 GHz	-43.18 dBm	-30.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97725 GHz	-39.94 dBm	-26.94 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.85829 GHz	-46.58 dBm	-33.58 dB

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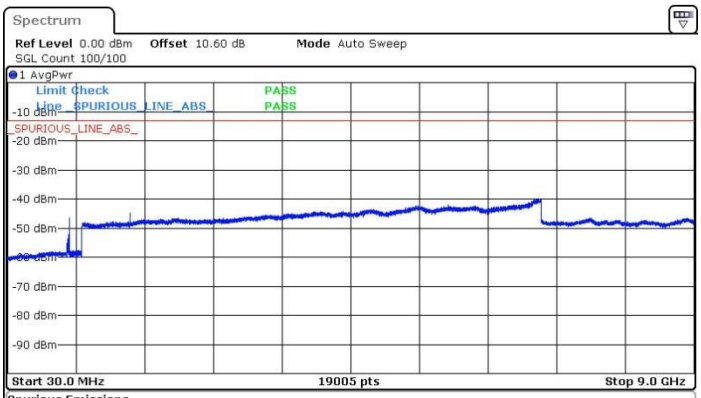
Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	811.000 MHz	100.000 kHz	810.41454 MHz	-53.73 dBm	-40.73 dB
827.000 MHz	1.000 GHz	100.000 kHz	832.27123 MHz	-46.62 dBm	-33.62 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62959 GHz	-44.83 dBm	-31.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96925 GHz	-40.05 dBm	-27.05 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.63909 GHz	-46.59 dBm	-33.59 dB

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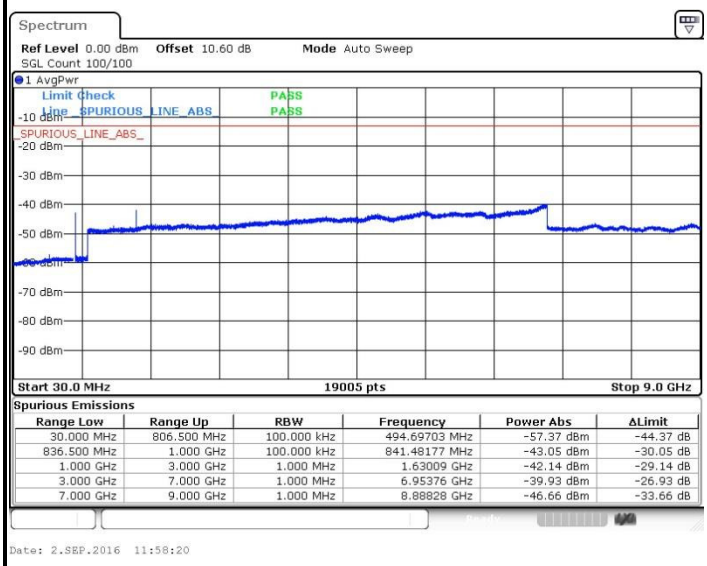
LTE Band 26 / 15MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	494.69703 MHz	-57.37 dBm	-44.37 dB
836.500 MHz	1.000 GHz	100.000 kHz	841.48177 MHz	-43.05 dBm	-30.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63009 GHz	-42.14 dBm	-29.14 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95376 GHz	-39.93 dBm	-26.93 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88828 GHz	-46.66 dBm	-33.66 dB

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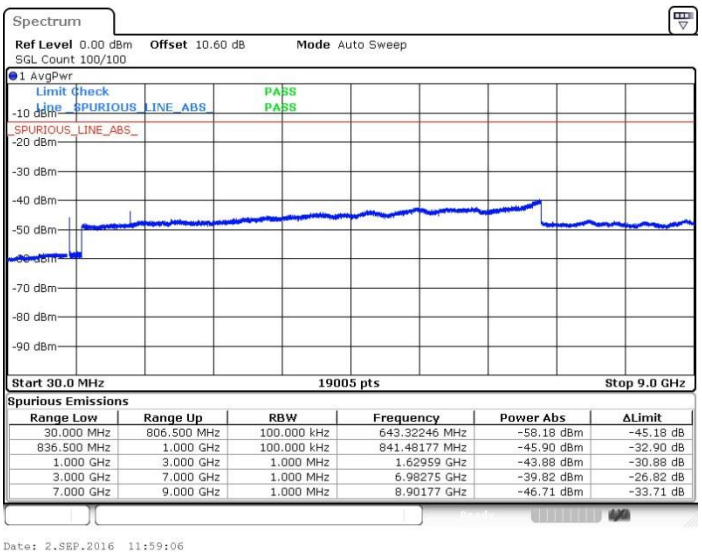
Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	643.32246 MHz	-58.18 dBm	-45.18 dB
836.500 MHz	1.000 GHz	100.000 kHz	841.48177 MHz	-45.90 dBm	-32.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62959 GHz	-43.88 dBm	-30.88 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98275 GHz	-39.82 dBm	-26.82 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90177 GHz	-46.71 dBm	-33.71 dB

Date: 2.SEP.2016 11:59:06

Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0095	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0100	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0021	

Note:

1. Normal Voltage =3.9 V.；Battery End Point (BEP) =3.7 V.；Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0086	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0097	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0090	
-20	Normal Voltage	0.0097	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.9 V.；Battery End Point (BEP) =3.7 V.；Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Radiated Spurious Emission

LTE Band 26(814~824MHz)

LTE Band 26 / 1.4MHz / QPSK									
Channel	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)
Lowest	1624	-59.08	-13	-46.08	-68.71	-60.92	0.97	4.95	H
	2440	-50.04	-13	-37.04	-63.55	-51.84	1.27	5.22	H
	3256	-53.95	-13	-40.95	-69.89	-57.2	1.53	6.93	H
									H
									H
									H
									H
	1624	-58.72	-13	-45.72	-68.29	-60.56	0.97	4.95	V
	2440	-46.15	-13	-33.15	-59.69	-47.95	1.27	5.22	V
	3256	-54.78	-13	-41.78	-70.61	-58.03	1.53	6.93	V
									V
									V
									V
									V
Middle	1636	-56.50	-13	-43.50	-66.17	-58.3	0.97	4.92	H
	2455	-55.77	-13	-42.77	-69.36	-57.61	1.28	5.27	H
	3273	-54.00	-13	-41.00	-69.95	-57.32	1.53	7.00	H
									H
									H
									H
									H
	1636	-58.31	-13	-45.31	-67.92	-60.11	0.97	4.92	V
	2455	-55.84	-13	-42.84	-69.47	-57.68	1.28	5.27	V
	3273	-54.21	-13	-41.21	-70.08	-57.53	1.53	7.00	V
									V
									V
									V
Highest	1648	-54.58	-13	-41.58	-64.3	-56.34	0.98	4.89	H
	2468	-55.37	-13	-42.37	-68.98	-57.24	1.28	5.30	H
	3290	-53.96	-13	-40.96	-69.94	-57.35	1.54	7.08	H
									H
									H
									H
									H
	1648	-55.21	-13	-42.21	-64.87	-56.97	0.98	4.89	V
	2468	-55.04	-13	-42.04	-68.69	-56.91	1.28	5.30	V
	3290	-52.80	-13	-39.80	-68.72	-56.19	1.54	7.08	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 26 / 3MHz / QPSK									
Channel	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)
Lowest	1632	-58.78	-13	-45.78	-68.45	-60.59	0.97	4.93	H
	2448	-55.50	-13	-42.50	-69.02	-57.32	1.27	5.24	H
	3264	-54.82	-13	-41.82	-70.76	-58.1	1.53	6.96	H
									H
									H
									H
									H
	1632	-59.35	-13	-46.35	-68.96	-61.16	0.97	4.93	V
	2448	-56.27	-13	-43.27	-69.82	-58.09	1.27	5.24	V
	3264	-54.55	-13	-41.55	-70.38	-57.83	1.53	6.96	V
									V
									V
									V
									V
Middle	1635	-58.28	-13	-45.28	-67.95	-60.08	0.97	4.92	H
	2453	-55.75	-13	-42.75	-69.27	-57.58	1.28	5.26	H
	3270	-54.37	-13	-41.37	-70.32	-57.68	1.53	6.99	H
									H
									H
									H
									H
	1635	-58.64	-13	-45.64	-68.27	-60.44	0.97	4.92	V
	2453	-54.97	-13	-41.97	-68.52	-56.8	1.28	5.26	V
	3270	-53.57	-13	-40.57	-69.44	-56.88	1.53	6.99	V
									V
									V
									V
									V
Highest	1642	-56.07	-13	-43.07	-65.79	-57.85	0.98	4.90	H
	2463	-52.16	-13	-39.16	-65.75	-54.02	1.28	5.29	H
	3284	-54.50	-13	-41.50	-70.46	-57.86	1.54	7.05	H
									H
									H
									H
									H
	1642	-58.17	-13	-45.17	-67.83	-59.95	0.98	4.90	V
	2463	-55.58	-13	-42.58	-69.21	-57.44	1.28	5.29	V
	3284	-54.35	-13	-41.35	-70.23	-57.71	1.54	7.05	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 26 / 5MHz / QPSK									
Channel	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)
Lowest	1632	-58.49	-13	-45.49	-68.16	-60.3	0.97	4.93	H
	2448	-55.96	-13	-42.96	-69.48	-57.78	1.27	5.24	H
	3264	-53.71	-13	-40.71	-69.65	-56.99	1.53	6.96	H
									H
									H
									H
									H
	1632	-58.25	-13	-45.25	-67.83	-60.06	0.97	4.93	V
	2448	-56.30	-13	-43.30	-69.85	-58.12	1.27	5.24	V
	3264	-54.95	-13	-41.95	-70.78	-58.23	1.53	6.96	V
									V
									V
									V
									V
Middle	1633	-57.65	-13	-44.65	-67.32	-59.46	0.97	4.93	H
	2450	-56.75	-13	-43.75	-70.27	-58.57	1.28	5.25	H
	3266	-53.36	-13	-40.36	-69.3	-56.65	1.53	6.97	H
									H
									H
									H
									H
	1633	-57.78	-13	-44.78	-67.39	-59.59	0.97	4.93	V
	2450	-54.94	-13	-41.94	-68.49	-56.76	1.28	5.25	V
	3266	-54.39	-13	-41.39	-70.22	-57.68	1.53	6.97	V
									V
									V
									V
									V
Highest	1638	-57.76	-13	-44.76	-67.48	-59.55	0.97	4.91	H
	2457	-56.53	-13	-43.53	-70.12	-58.37	1.28	5.27	H
	3276	-54.81	-13	-41.81	-70.76	-58.14	1.53	7.01	H
									H
									H
									H
									H
	1638	-55.24	-13	-42.24	-64.9	-57.03	0.97	4.91	V
	2457	-55.99	-13	-42.99	-69.62	-57.83	1.28	5.27	V
	3276	-54.74	-13	-41.74	-70.61	-58.07	1.53	7.01	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 26 / 10MHz / QPSK									
Channel	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)
Middle	1629	-57.05	-13	-44.05	-66.72	-58.87	0.97	4.94	H
	2444	-56.49	-13	-43.49	-70.01	-58.3	1.27	5.23	H
	3258	-53.87	-13	-40.87	-69.81	-57.13	1.53	6.94	H
									H
									H
									H
									H
	1629	-58.66	-13	-45.66	-68.27	-60.48	0.97	4.94	V
	2444	-56.74	-13	-43.74	-70.29	-58.55	1.27	5.23	V
	3258	-54.10	-13	-41.10	-69.93	-57.36	1.53	6.94	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.