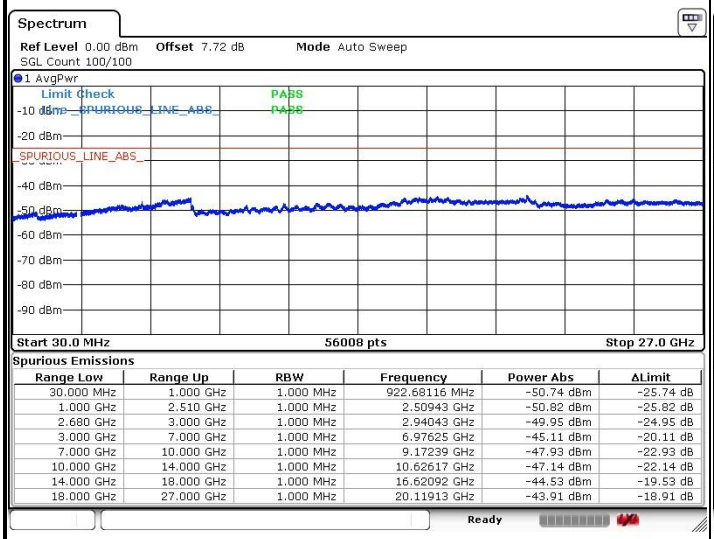
LTE Band 41 / 15MHz

Lowest Channel / QPSK

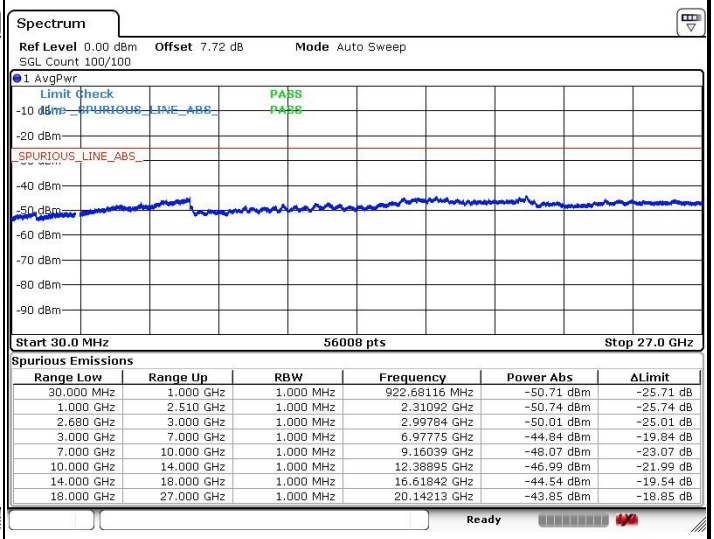


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.68116 MHz	-50.74 dBm	-25.74 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.50943 GHz	-50.82 dBm	-25.82 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.94043 GHz	-49.95 dBm	-24.95 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97625 GHz	-45.11 dBm	-20.11 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.17239 GHz	-47.93 dBm	-22.93 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.62617 GHz	-47.14 dBm	-22.14 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.62092 GHz	-44.53 dBm	-19.53 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.11913 GHz	-43.91 dBm	-18.91 dB

Date: 22.MAY.2018 22:30:44

Lowest Channel / 16QAM

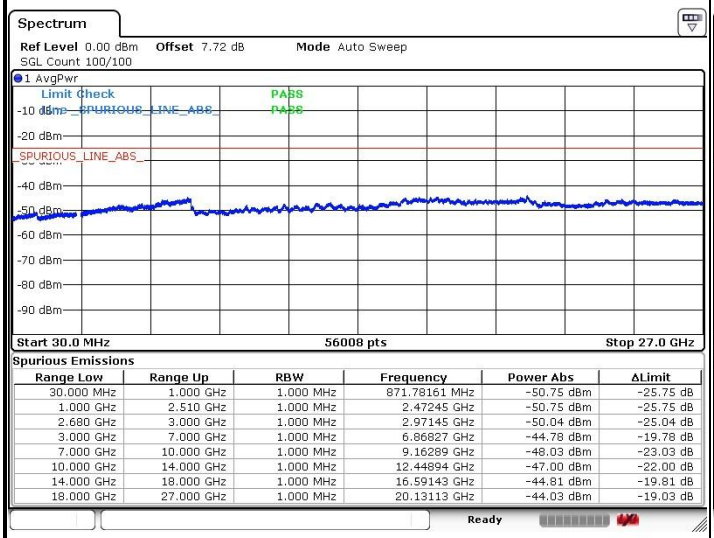


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.68116 MHz	-50.71 dBm	-25.71 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.31092 GHz	-50.74 dBm	-25.74 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.99784 GHz	-50.01 dBm	-25.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97775 GHz	-44.84 dBm	-19.84 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.16039 GHz	-48.07 dBm	-23.07 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.38895 GHz	-46.99 dBm	-21.99 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.61842 GHz	-44.54 dBm	-19.54 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.14213 GHz	-43.85 dBm	-18.85 dB

Date: 22.MAY.2018 22:32:12

Middle Channel / QPSK

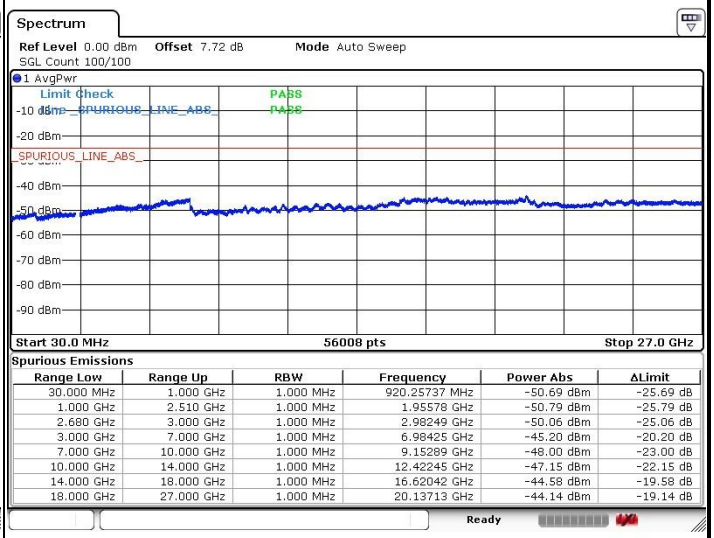


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	871.78161 MHz	-50.75 dBm	-25.75 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.47245 GHz	-50.75 dBm	-25.75 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.97145 GHz	-50.04 dBm	-25.04 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86827 GHz	-44.78 dBm	-19.78 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.16289 GHz	-48.03 dBm	-23.03 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44894 GHz	-47.00 dBm	-22.00 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.59143 GHz	-44.81 dBm	-19.81 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.13113 GHz	-44.03 dBm	-19.03 dB

Date: 22.MAY.2018 22:37:02

Middle Channel / 16QAM

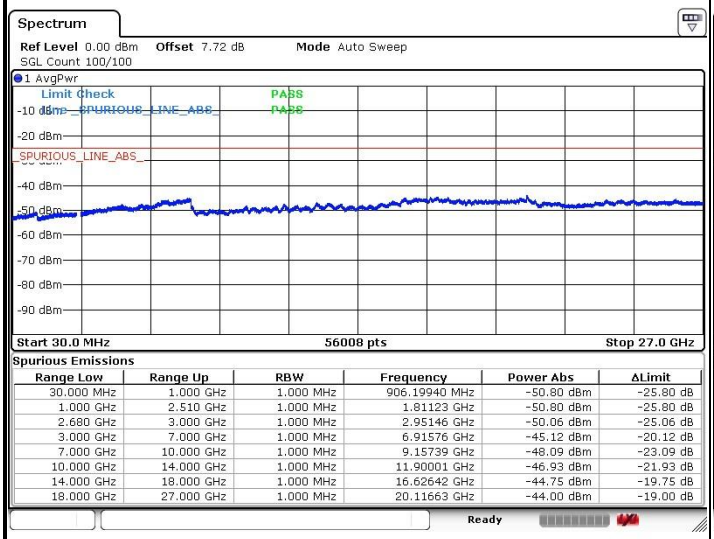


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.25737 MHz	-50.69 dBm	-25.69 dB
1.000 GHz	2.510 GHz	1.000 MHz	1.95578 GHz	-50.79 dBm	-25.79 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.98249 GHz	-50.06 dBm	-25.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98425 GHz	-45.20 dBm	-20.20 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.15289 GHz	-48.00 dBm	-23.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42245 GHz	-47.15 dBm	-22.15 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.62042 GHz	-44.58 dBm	-19.58 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.13713 GHz	-44.14 dBm	-19.14 dB

Date: 22.MAY.2018 22:35:46

Highest Channel / QPSK

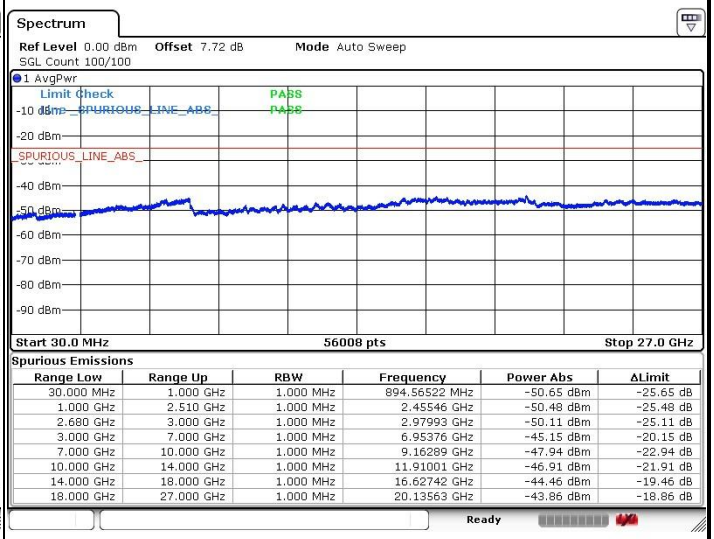


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	906.19940 MHz	-50.80 dBm	-25.80 dB
1.000 GHz	2.510 GHz	1.000 MHz	1.81123 GHz	-50.80 dBm	-25.80 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.95146 GHz	-50.06 dBm	-25.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91576 GHz	-45.12 dBm	-20.12 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.15739 GHz	-48.09 dBm	-23.09 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.90001 GHz	-46.93 dBm	-21.93 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.62642 GHz	-44.75 dBm	-19.75 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.11663 GHz	-44.00 dBm	-19.00 dB

Date: 22.MAY.2018 22:38:08

Highest Channel / 16QAM



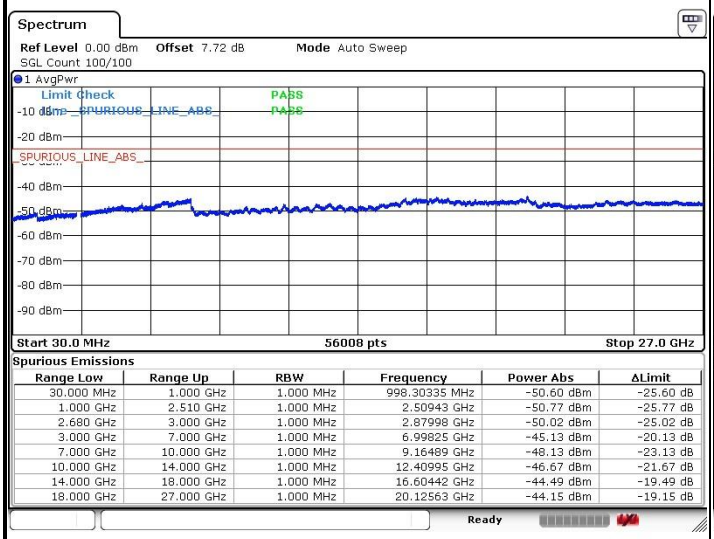
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	894.56522 MHz	-50.65 dBm	-25.65 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.45546 GHz	-50.48 dBm	-25.48 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.97993 GHz	-50.11 dBm	-25.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95376 GHz	-45.15 dBm	-20.15 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.16289 GHz	-47.94 dBm	-22.94 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.91001 GHz	-46.91 dBm	-21.91 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.62742 GHz	-44.46 dBm	-19.46 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.13563 GHz	-43.86 dBm	-18.86 dB

Date: 22.MAY.2018 22:39:24

LTE Band 41 / 20MHz

Lowest Channel / QPSK

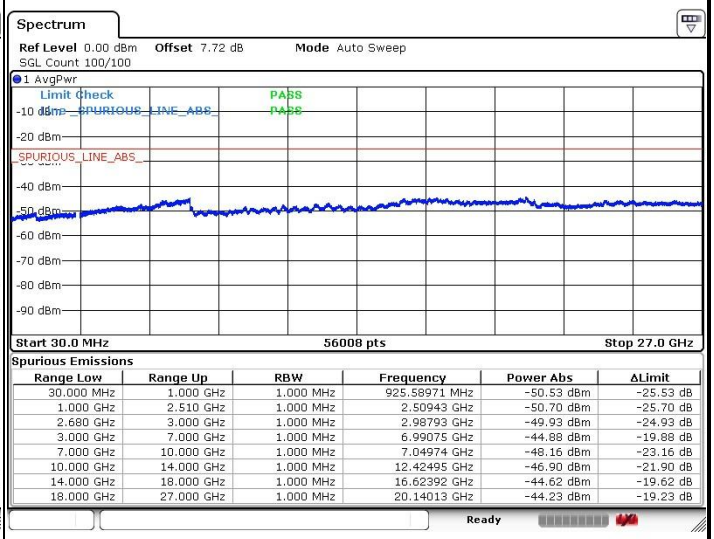


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-50.60 dBm	-25.60 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.50943 GHz	-50.77 dBm	-25.77 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.87998 GHz	-50.02 dBm	-25.02 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-45.13 dBm	-20.13 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.16489 GHz	-48.13 dBm	-23.13 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.40995 GHz	-46.67 dBm	-21.67 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.60442 GHz	-44.49 dBm	-19.49 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.12563 GHz	-44.15 dBm	-19.15 dB

Date: 22.MAY.2018 22:46:55

Lowest Channel / 16QAM



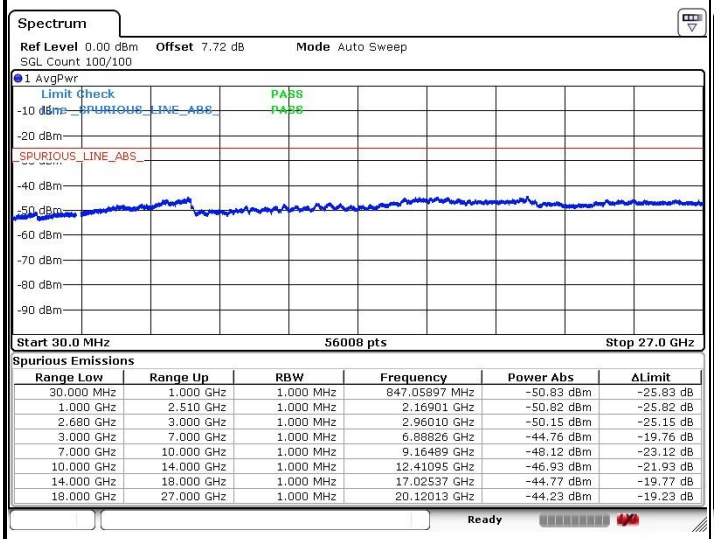
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.58971 MHz	-50.53 dBm	-25.53 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.50943 GHz	-50.70 dBm	-25.70 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.98793 GHz	-49.93 dBm	-24.93 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-44.88 dBm	-19.88 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.04974 GHz	-48.16 dBm	-23.16 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42495 GHz	-46.90 dBm	-21.90 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.62392 GHz	-44.62 dBm	-19.62 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.14013 GHz	-44.23 dBm	-19.23 dB

Date: 22.MAY.2018 22:45:52

LTE Band 41 / 20MHz

Middle Channel / QPSK

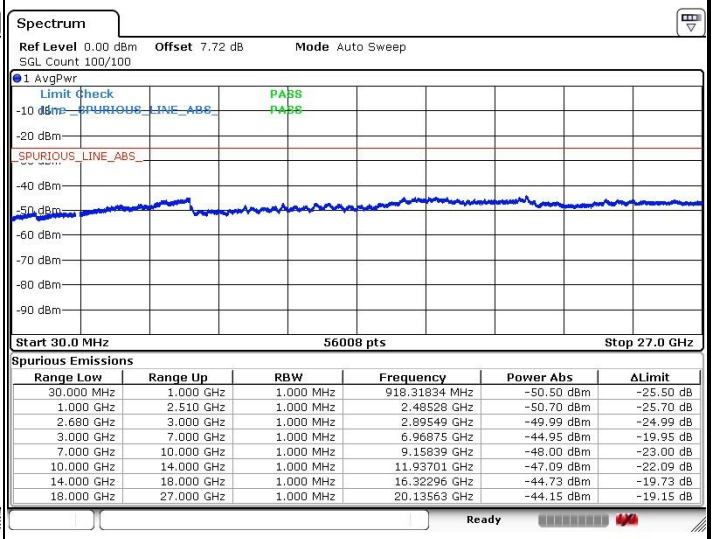


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	847.05897 MHz	-50.83 dBm	-25.83 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.16901 GHz	-50.82 dBm	-25.82 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.96010 GHz	-50.15 dBm	-25.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88826 GHz	-44.76 dBm	-19.76 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.16489 GHz	-48.12 dBm	-23.12 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.41095 GHz	-46.93 dBm	-21.93 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.02537 GHz	-44.77 dBm	-19.77 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.12013 GHz	-44.23 dBm	-19.23 dB

Date: 22.MAY.2018 22:47:52

Middle Channel / 16QAM

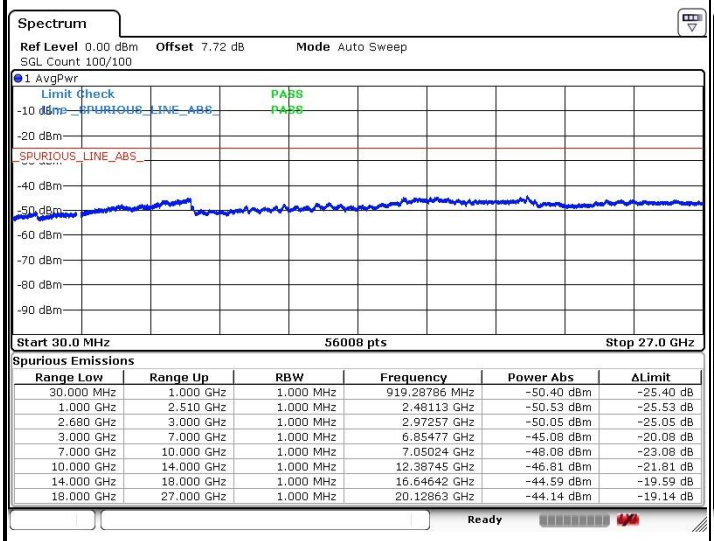


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.31834 MHz	-50.50 dBm	-25.50 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.48528 GHz	-50.70 dBm	-25.70 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.89549 GHz	-49.99 dBm	-24.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96875 GHz	-44.95 dBm	-19.95 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.15839 GHz	-48.00 dBm	-23.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.93701 GHz	-47.09 dBm	-22.09 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.32296 GHz	-44.73 dBm	-19.73 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.13563 GHz	-44.15 dBm	-19.15 dB

Date: 22.MAY.2018 22:48:53

Highest Channel / QPSK

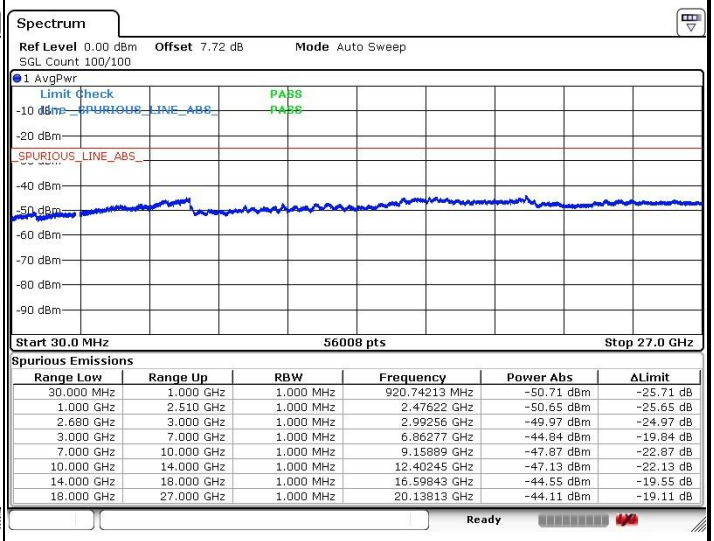


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.28786 MHz	-50.40 dBm	-25.40 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.48113 GHz	-50.53 dBm	-25.53 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.97257 GHz	-50.05 dBm	-25.05 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85477 GHz	-45.08 dBm	-20.08 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.05024 GHz	-48.08 dBm	-23.08 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.38745 GHz	-46.81 dBm	-21.81 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.64642 GHz	-44.59 dBm	-19.59 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.12863 GHz	-44.14 dBm	-19.14 dB

Date: 22.MAY.2018 22:52:51

Highest Channel / 16QAM



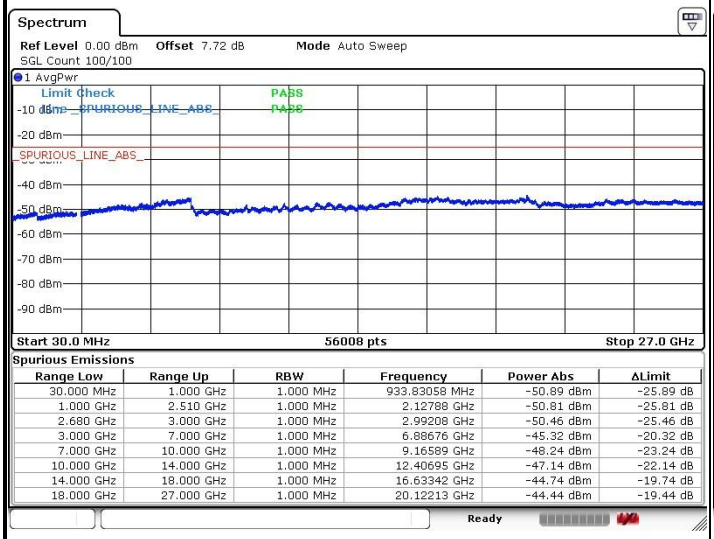
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.74213 MHz	-50.71 dBm	-25.71 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.47622 GHz	-50.65 dBm	-25.65 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.99256 GHz	-49.97 dBm	-24.97 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86277 GHz	-44.84 dBm	-19.84 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.15889 GHz	-47.87 dBm	-22.87 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.40245 GHz	-47.13 dBm	-22.13 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.59843 GHz	-44.55 dBm	-19.55 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.13813 GHz	-44.11 dBm	-19.11 dB

Date: 22.MAY.2018 22:51:59

LTE Band 41 / 5MHz

Lowest Channel / 64QAM

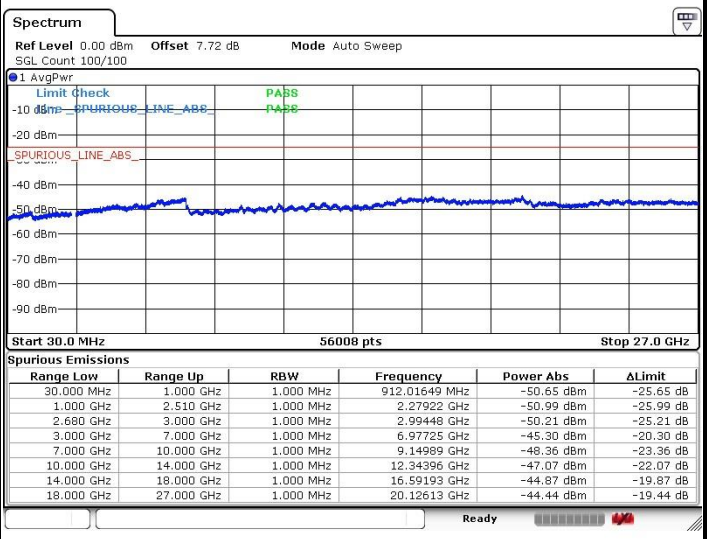


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.83058 MHz	-50.89 dBm	-25.89 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.12788 GHz	-50.81 dBm	-25.81 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.99208 GHz	-50.46 dBm	-25.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88676 GHz	-45.32 dBm	-20.32 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.16589 GHz	-48.24 dBm	-23.24 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.40695 GHz	-47.14 dBm	-22.14 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.63342 GHz	-44.74 dBm	-19.74 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.12213 GHz	-44.44 dBm	-19.44 dB

Date: 21.MAY.2018 16:59:42

Middle Channel / 64QAM

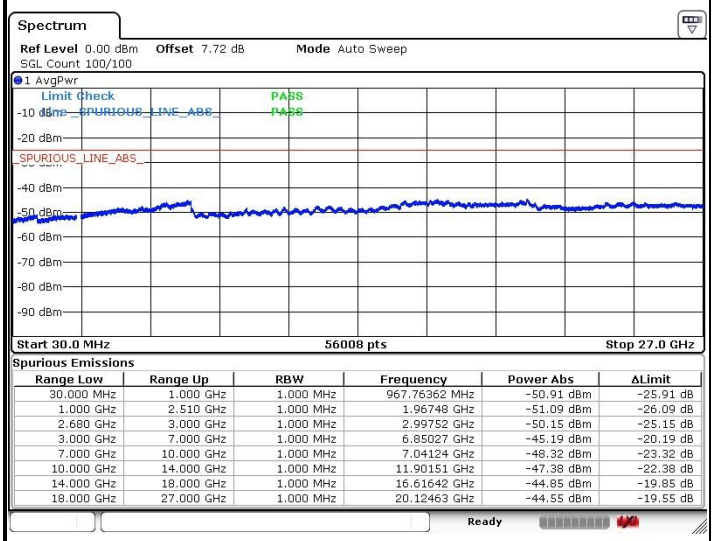


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.01649 MHz	-50.65 dBm	-25.65 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.27922 GHz	-50.99 dBm	-25.99 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.99448 GHz	-50.21 dBm	-25.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97725 GHz	-45.30 dBm	-20.30 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.14989 GHz	-48.36 dBm	-23.36 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.34396 GHz	-47.07 dBm	-22.07 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.59193 GHz	-44.87 dBm	-19.87 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.12613 GHz	-44.44 dBm	-19.44 dB

Date: 21.MAY.2018 17:04:18

Highest Channel / 64QAM



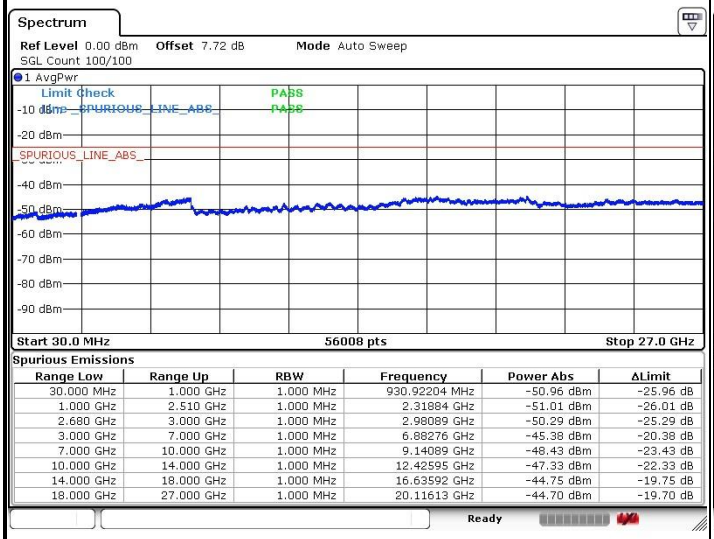
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.76362 MHz	-50.91 dBm	-25.91 dB
1.000 GHz	2.510 GHz	1.000 MHz	1.96748 GHz	-51.09 dBm	-26.09 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.99752 GHz	-50.15 dBm	-25.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85027 GHz	-45.19 dBm	-20.19 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.04124 GHz	-48.32 dBm	-23.32 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.90151 GHz	-47.38 dBm	-22.38 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.61642 GHz	-44.85 dBm	-19.85 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.12463 GHz	-44.55 dBm	-19.55 dB

Date: 21.MAY.2018 17:05:31

LTE Band 41 / 10MHz

Lowest Channel / 64QAM

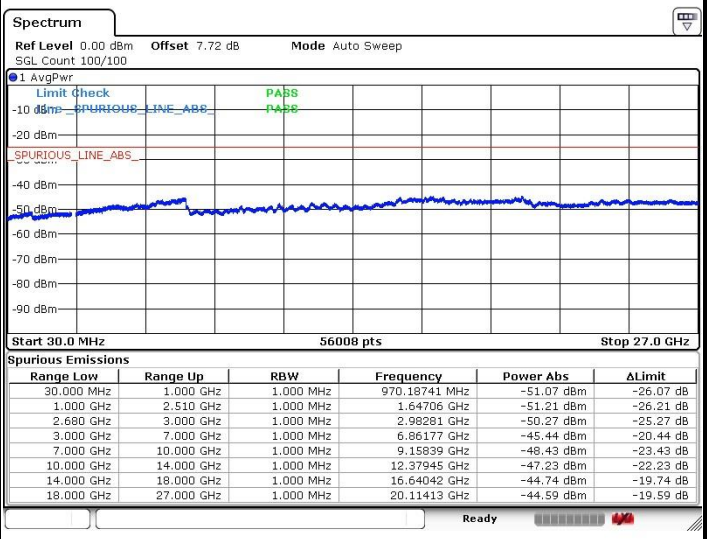


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	930.92204 MHz	-50.96 dBm	-25.96 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.31884 GHz	-51.01 dBm	-26.01 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.98089 GHz	-50.29 dBm	-25.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88276 GHz	-45.38 dBm	-20.38 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.14089 GHz	-48.43 dBm	-23.43 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42595 GHz	-47.33 dBm	-22.33 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.63592 GHz	-44.75 dBm	-19.75 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.11613 GHz	-44.70 dBm	-19.70 dB

Date: 21.MAY.2018 17:19:46

Middle Channel / 64QAM

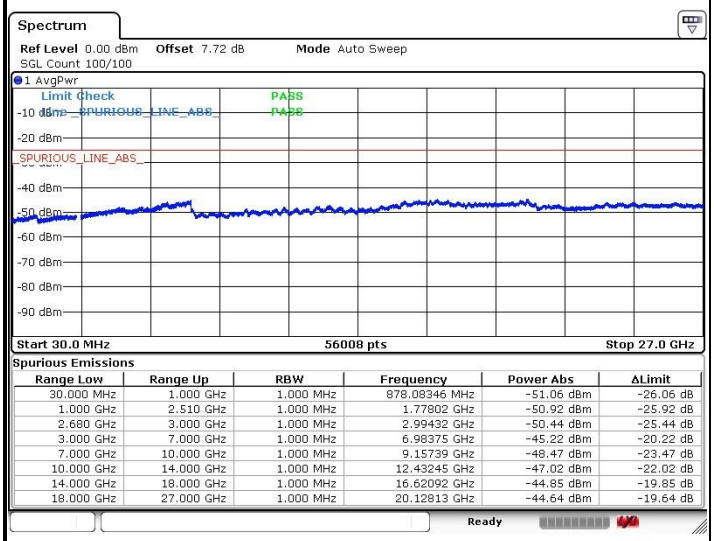


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	970.18741 MHz	-51.07 dBm	-26.07 dB
1.000 GHz	2.510 GHz	1.000 MHz	1.64706 GHz	-51.21 dBm	-26.21 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.98281 GHz	-50.27 dBm	-25.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86177 GHz	-45.44 dBm	-20.44 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.15839 GHz	-48.43 dBm	-23.43 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.37945 GHz	-47.23 dBm	-22.23 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.64042 GHz	-44.74 dBm	-19.74 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.11413 GHz	-44.59 dBm	-19.59 dB

Date: 21.MAY.2018 17:20:34

Highest Channel / 64QAM



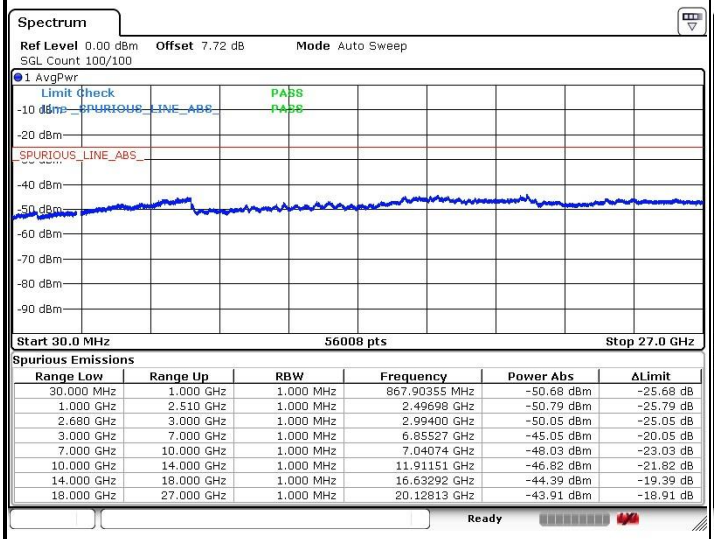
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	878.08346 MHz	-51.06 dBm	-26.06 dB
1.000 GHz	2.510 GHz	1.000 MHz	1.77802 GHz	-50.92 dBm	-25.92 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.99432 GHz	-50.44 dBm	-25.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98375 GHz	-45.22 dBm	-20.22 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.15739 GHz	-48.47 dBm	-23.47 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43245 GHz	-47.02 dBm	-22.02 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.62092 GHz	-44.85 dBm	-19.85 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.12813 GHz	-44.64 dBm	-19.64 dB

Date: 21.MAY.2018 17:28:07

LTE Band 41 / 15MHz

Lowest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	867.90355 MHz	-50.68 dBm	-25.68 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.49698 GHz	-50.79 dBm	-25.79 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.99400 GHz	-50.05 dBm	-25.05 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85527 GHz	-45.05 dBm	-20.05 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.04074 GHz	-48.03 dBm	-23.03 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.91151 GHz	-46.82 dBm	-21.82 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.63292 GHz	-44.39 dBm	-19.39 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.12813 GHz	-43.91 dBm	-18.91 dB

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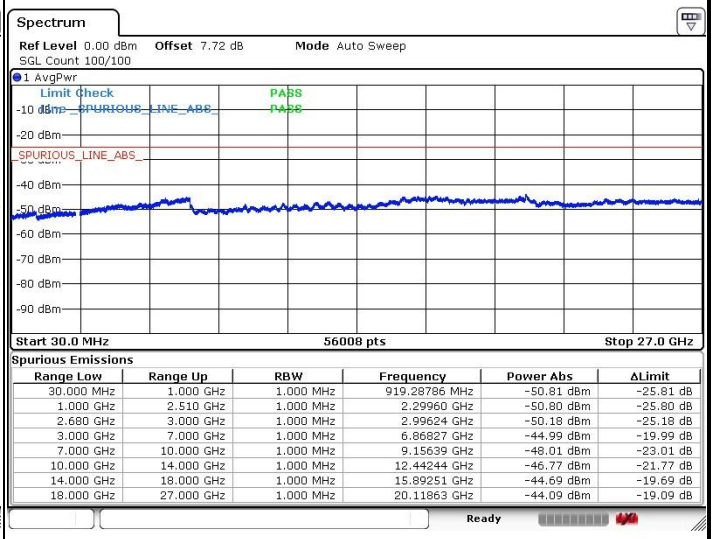
Middle Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.28786 MHz	-50.81 dBm	-25.81 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.29960 GHz	-50.80 dBm	-25.80 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.99624 GHz	-50.18 dBm	-25.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86827 GHz	-44.99 dBm	-19.99 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.15639 GHz	-48.01 dBm	-23.01 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44244 GHz	-46.77 dBm	-21.77 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.89251 GHz	-44.69 dBm	-19.69 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.11863 GHz	-44.09 dBm	-19.09 dB

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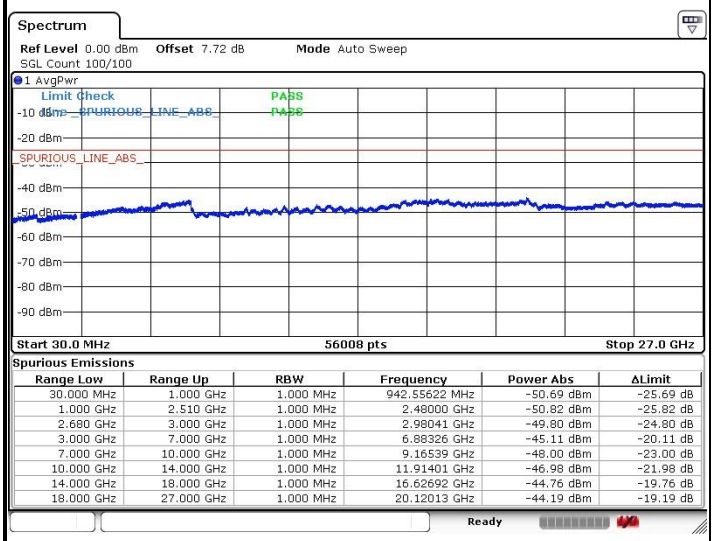
Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.55622 MHz	-50.69 dBm	-25.69 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.48000 GHz	-50.82 dBm	-25.82 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.98041 GHz	-49.80 dBm	-24.80 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88326 GHz	-45.11 dBm	-20.11 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.16539 GHz	-48.00 dBm	-23.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.91401 GHz	-46.98 dBm	-21.98 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.62692 GHz	-44.76 dBm	-19.76 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.12013 GHz	-44.19 dBm	-19.19 dB

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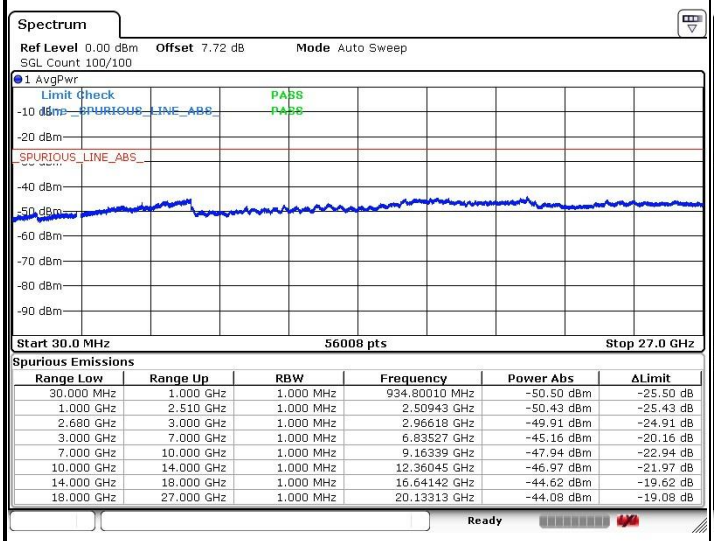
LTE Band 41 / 20MHz

Lowest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	934.80010 MHz	-50.50 dBm	-25.50 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.50943 GHz	-50.43 dBm	-25.43 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.96618 GHz	-49.91 dBm	-24.91 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83527 GHz	-45.16 dBm	-20.16 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.16339 GHz	-47.94 dBm	-22.94 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.36045 GHz	-46.97 dBm	-21.97 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.64142 GHz	-44.62 dBm	-19.62 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.13313 GHz	-44.08 dBm	-19.08 dB

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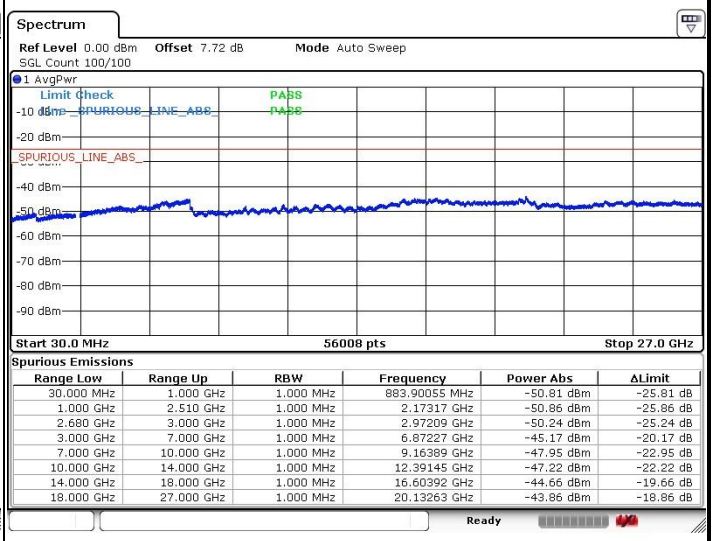
Middle Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	883.90055 MHz	-50.81 dBm	-25.81 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.17317 GHz	-50.86 dBm	-25.86 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.97209 GHz	-50.24 dBm	-25.24 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87227 GHz	-45.17 dBm	-20.17 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.16389 GHz	-47.95 dBm	-22.95 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.39145 GHz	-47.22 dBm	-22.22 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.60392 GHz	-44.66 dBm	-19.66 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.13263 GHz	-43.86 dBm	-18.86 dB

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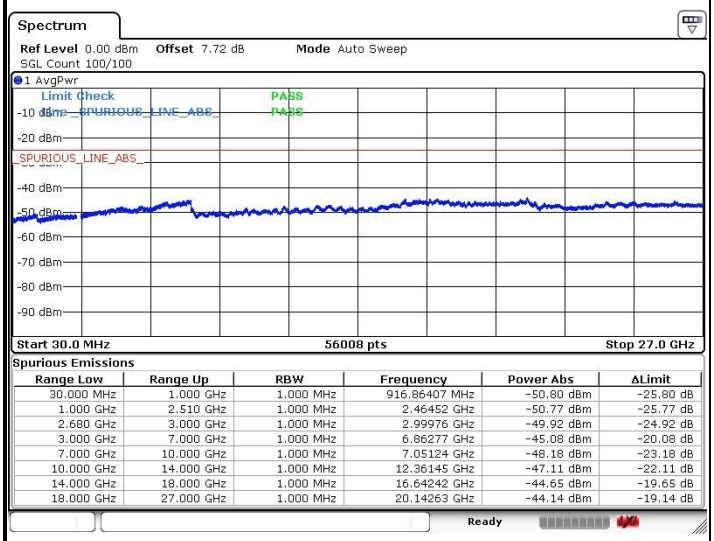
Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.86407 MHz	-50.80 dBm	-25.80 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.46452 GHz	-50.77 dBm	-25.77 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.99976 GHz	-49.92 dBm	-24.92 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86277 GHz	-45.08 dBm	-20.08 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.05124 GHz	-48.18 dBm	-23.18 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.36145 GHz	-47.11 dBm	-22.11 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.64242 GHz	-44.65 dBm	-19.65 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.14263 GHz	-44.14 dBm	-19.14 dB

Date: 22.MAY.2018 22:50:49

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0017	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0036	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0044	
0	Normal Voltage	0.0049	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0050	
-30	Normal Voltage	0.0060	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0004	
20	Battery End Point	0.0041	

Note: Normal Voltage =3.85 V.；Battery End Point (BEP) =3.7 V.；Maximum Voltage =4.4 V.

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0002	
20	Battery End Point	0.0015	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.7 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0015	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.7 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 5 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-59.16	-13	-46.16	-61.79	1.22	6.00	H
	2496	-58.64	-13	-45.64	-60.98	1.53	6.02	H
	3327	-59.46	-13	-46.46	-63.65	1.76	8.10	H
	1664	-58.82	-13	-45.82	-61.45	1.22	6.00	V
	2496	-59.24	-13	-46.24	-61.58	1.53	6.02	V
	3327	-59.34	-13	-46.34	-63.53	1.76	8.10	V

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

LTE Band 7 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052	-64.00	-25	-39.00	-71.36	1.76	9.12	H
	7578	-48.47	-25	-23.47	-58.44	2.16	12.13	H
	10107	-60.50	-25	-35.50	-70.38	2.22	12.10	H
	5052	-63.81	-25	-38.81	-71.17	1.76	9.12	V
	7578	-53.69	-25	-28.69	-63.66	2.16	12.13	V
	10107	-61.25	-25	-36.25	-71.13	2.22	12.10	V

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

LTE Band 41 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5169	-62.24	-25	-37.24	-69.22	2.40	9.38	H
	7752	-53.52	-25	-28.52	-63.07	2.97	12.51	H
	10332	-60.68	-25	-35.68	-69.29	3.49	12.10	H
	5169	-61.93	-25	-36.93	-68.91	2.40	9.38	V
	7752	-48.77	-25	-23.77	-58.32	2.97	12.51	V
	10332	-59.58	-25	-34.58	-68.19	3.49	12.10	V

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