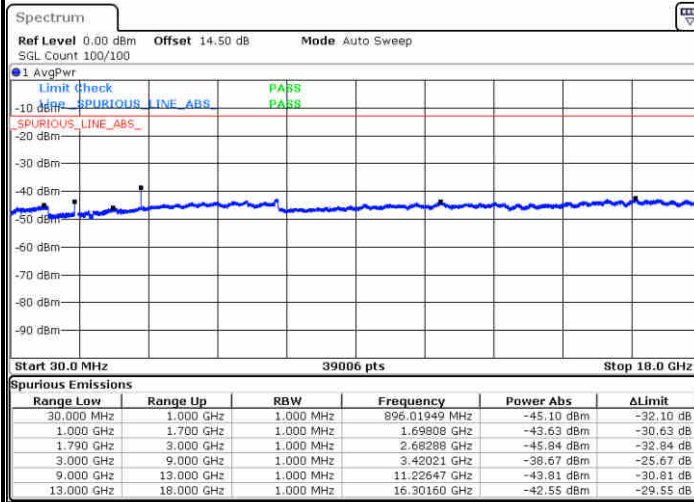




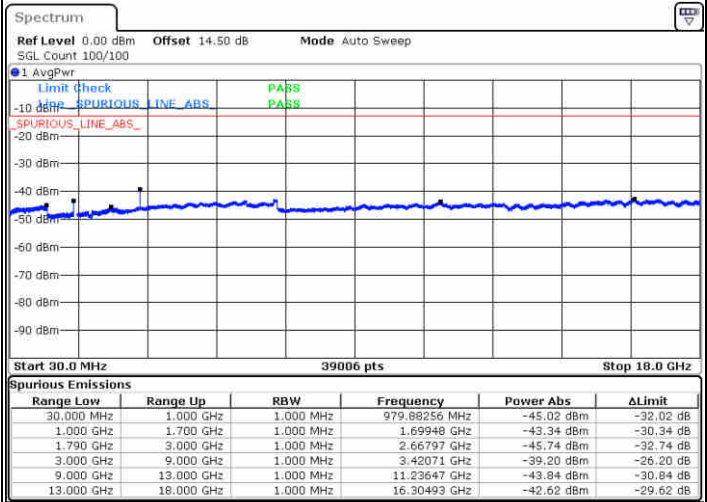
LTE Band 66 / 5MHz

Lowest Channel / QPSK



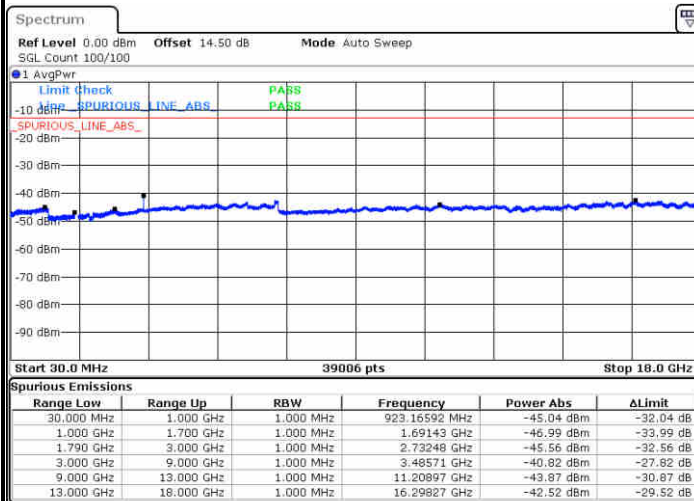
Date: 12 MAY 2019 10:13:06

Lowest Channel / 16QAM



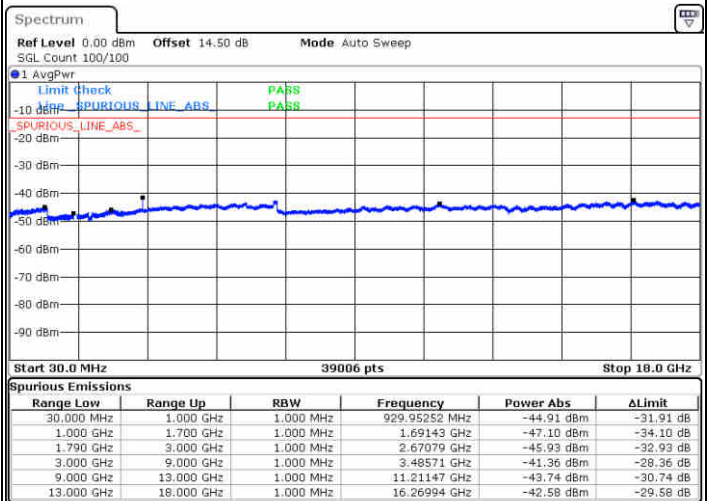
Date: 12 MAY 2019 10:14:03

Middle Channel / QPSK



Date: 12 MAY 2019 10:23:14

Middle Channel / 16QAM

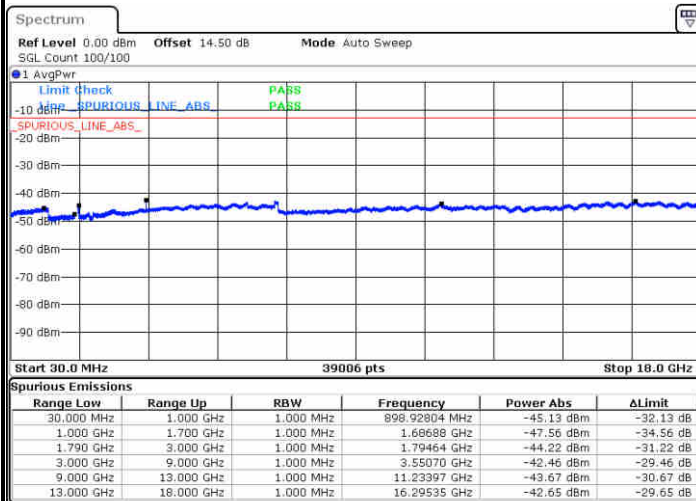


Date: 12 MAY 2019 10:24:26



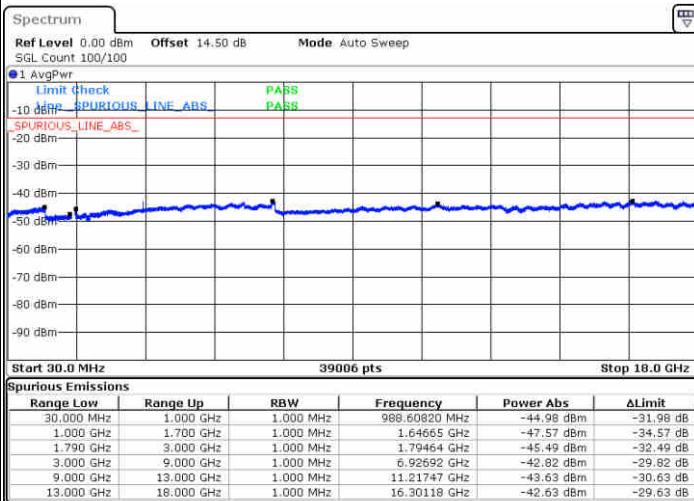
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 12 MAY 2019 10:36:07

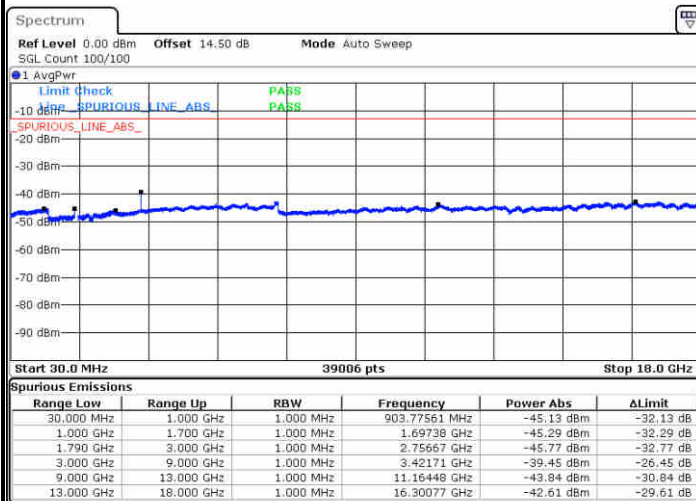
Highest Channel / 16QAM



Date: 12 MAY 2019 10:34:50

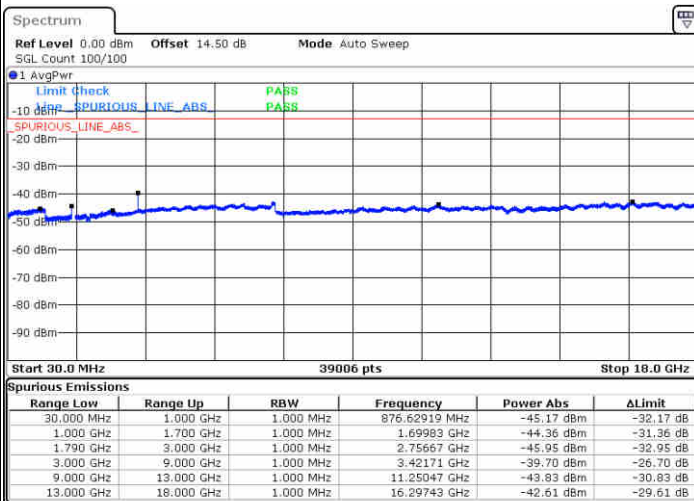
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 12 MAY 2019 11:05:48

Lowest Channel / 16QAM

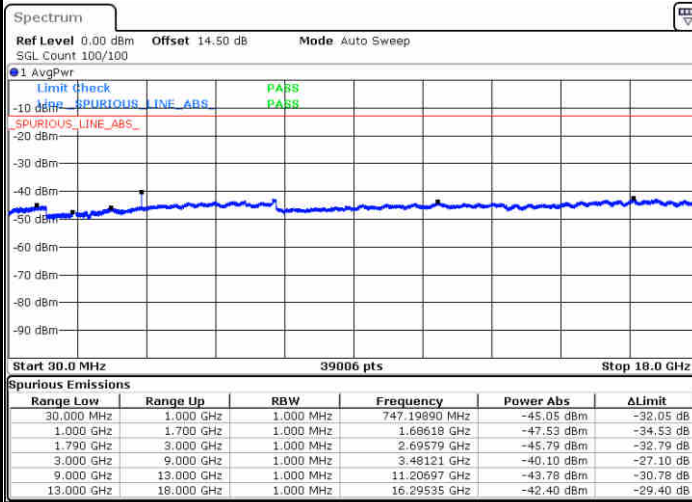


Date: 12 MAY 2019 11:04:59



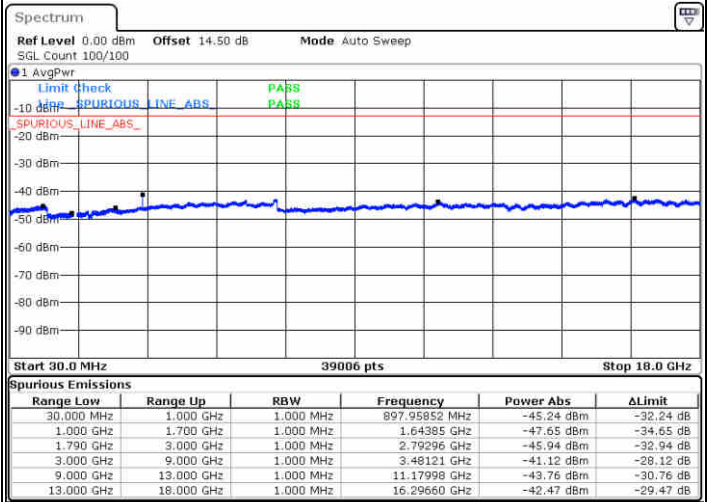
LTE Band 66 / 10MHz

Middle Channel / QPSK



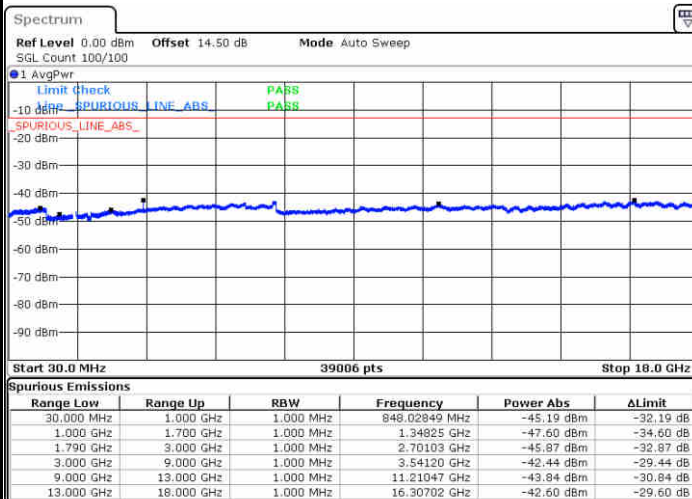
Date: 12 MAY 2019 11:07:27

Middle Channel / 16QAM



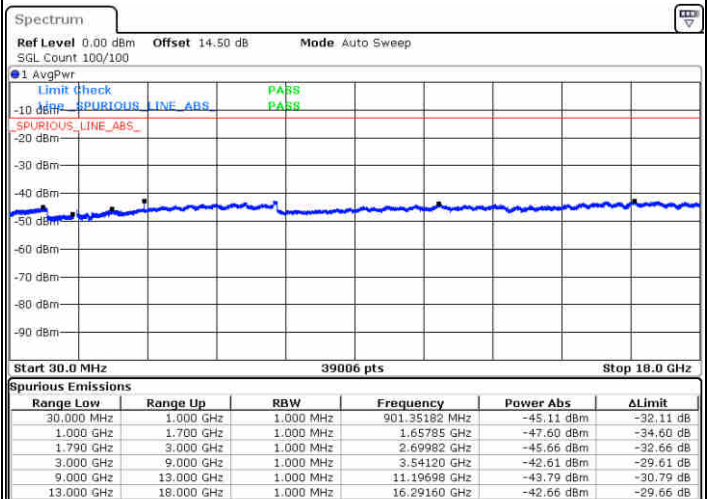
Date: 12 MAY 2019 11:08:43

Highest Channel / QPSK



Date: 12 MAY 2019 11:17:43

Highest Channel / 16QAM

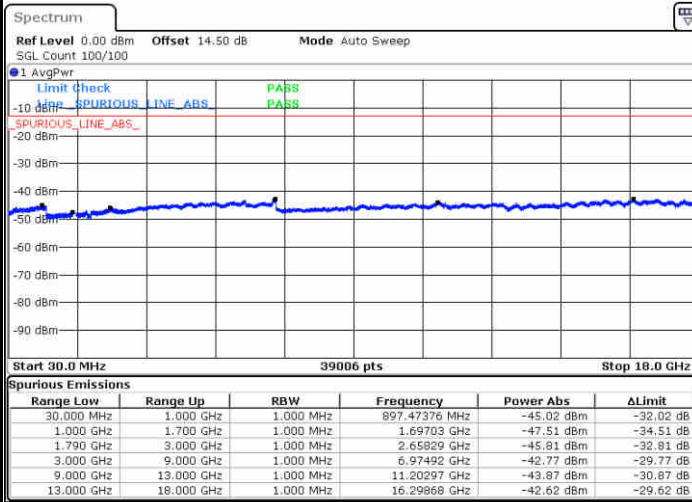


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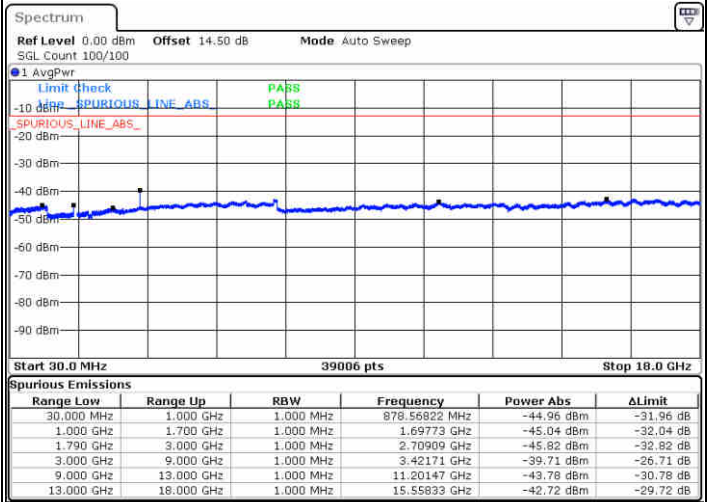
LTE Band 66 / 15MHz

Lowest Channel / QPSK



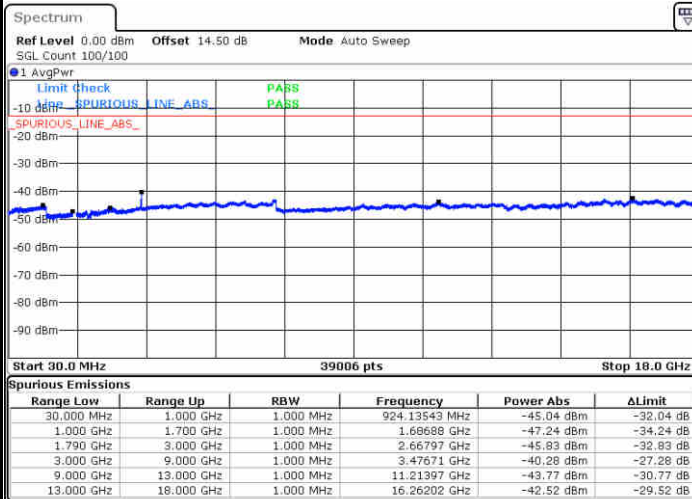
Date: 12 MAY 2019 11:36:34

Lowest Channel / 16QAM



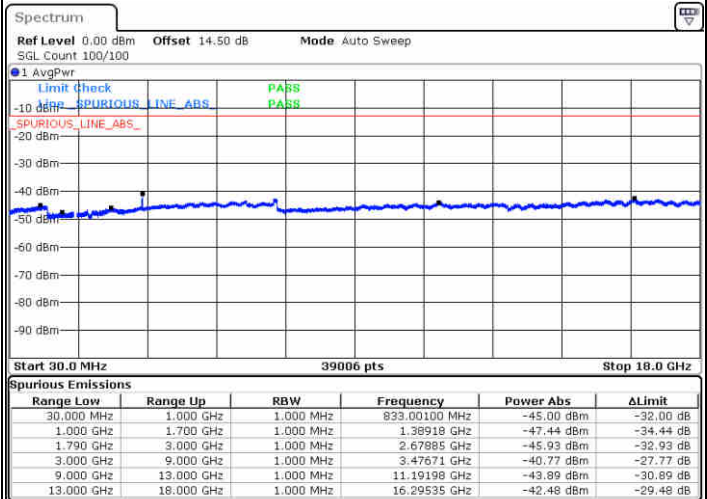
Date: 12 MAY 2019 11:39:02

Middle Channel / QPSK



Date: 12 MAY 2019 11:48:19

Middle Channel / 16QAM

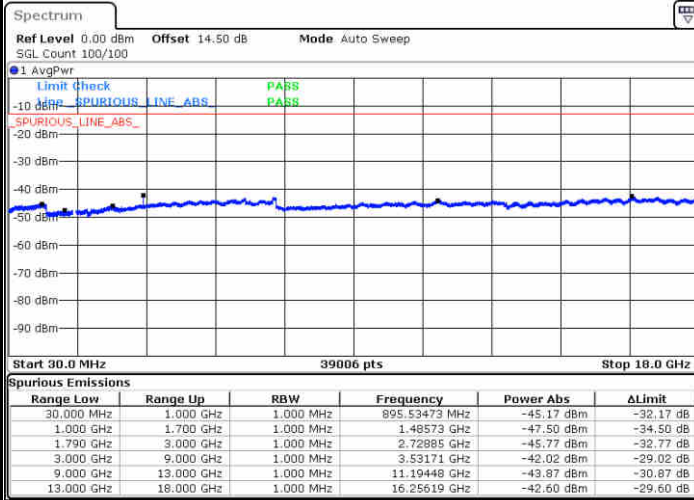


Date: 12 MAY 2019 11:47:21



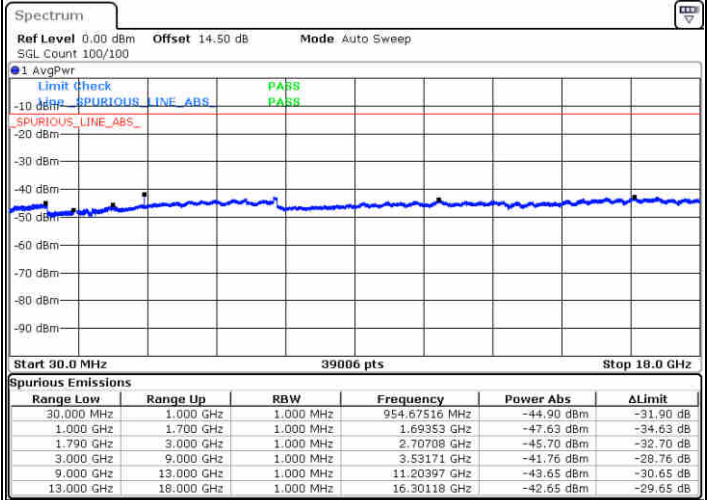
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 12 MAY 2019 11:51:47

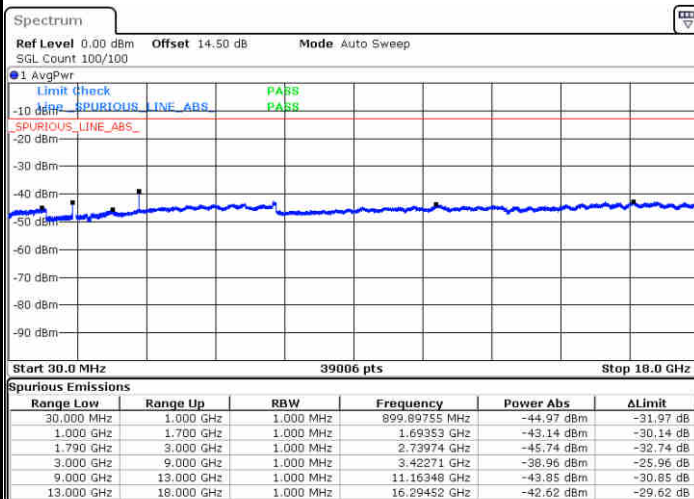
Highest Channel / 16QAM



Date: 12 MAY 2019 11:50:45

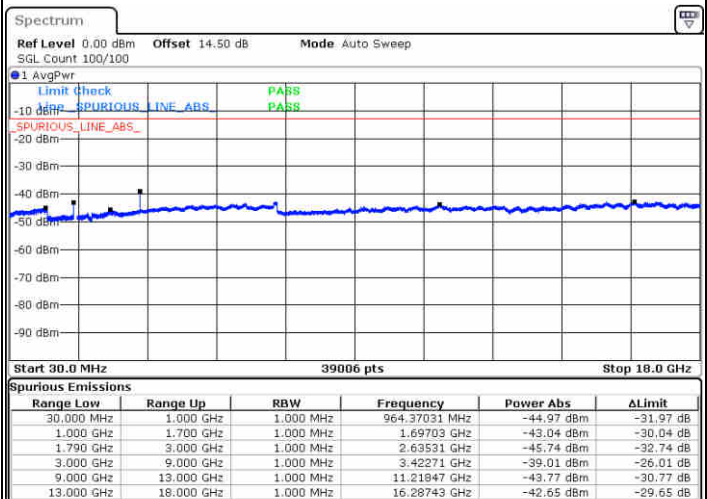
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 12 MAY 2019 12:44:30

Lowest Channel / 16QAM

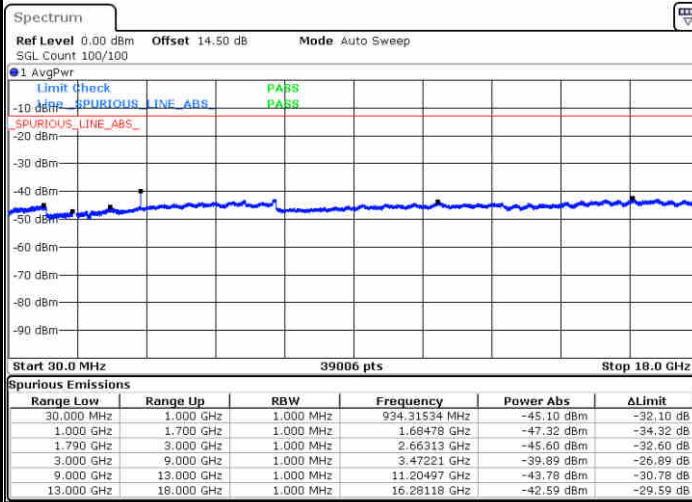


Date: 12 MAY 2019 12:45:26



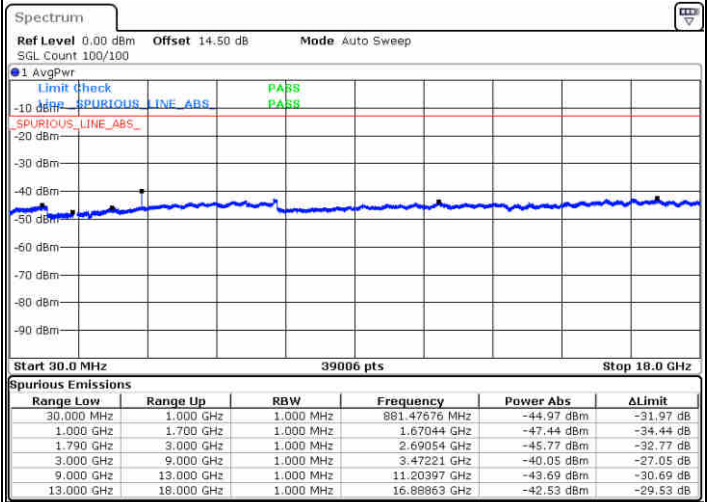
LTE Band 66 / 20MHz

Middle Channel / QPSK



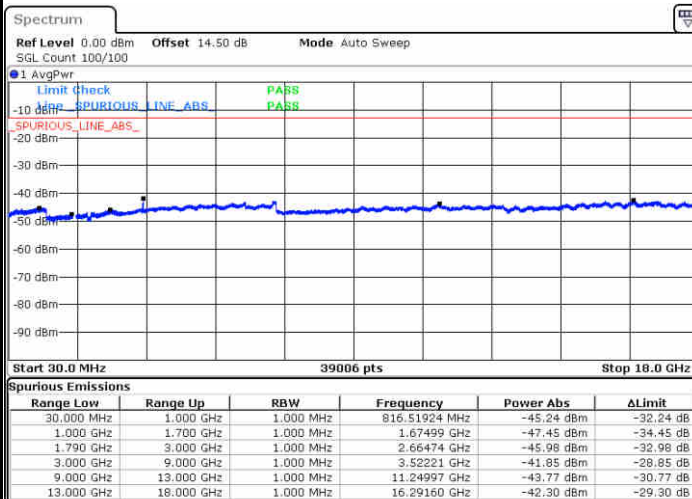
Date: 12 MAY 2019 12:53:21

Middle Channel / 16QAM



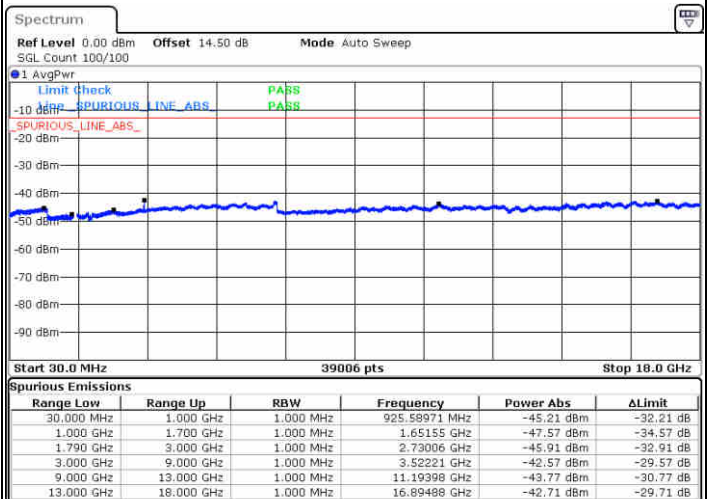
Date: 12 MAY 2019 12:54:28

Highest Channel / QPSK



Date: 12 MAY 2019 13:06:51

Highest Channel / 16QAM

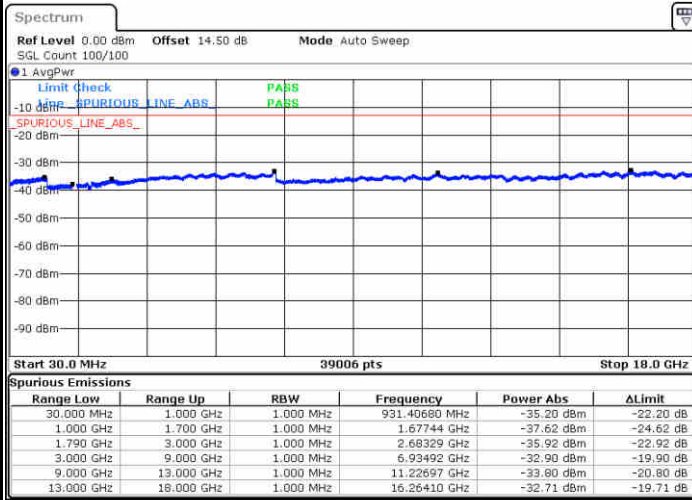


Date: 12 MAY 2019 13:05:55



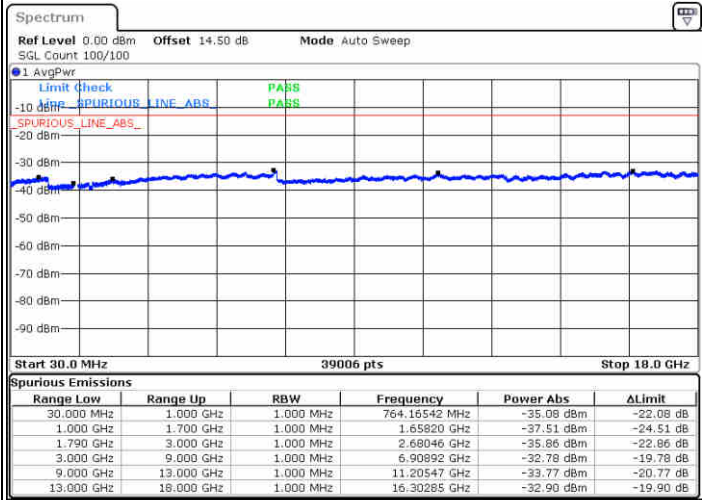
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM



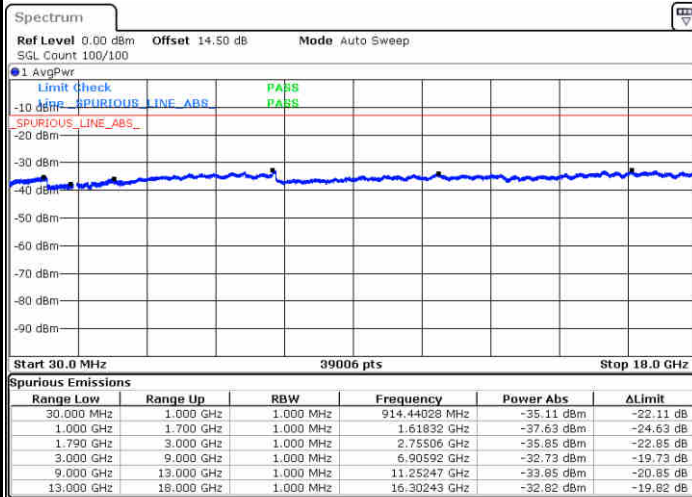
Date: 11 MAY.2019 19:27:39

Middle Channel / 64QAM



Date: 11 MAY.2019 19:26:36

Highest Channel / 64QAM

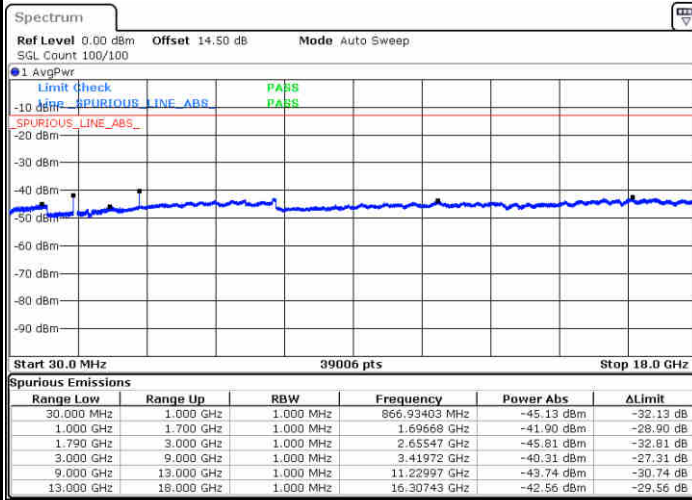


Date: 11 MAY.2019 19:20:18



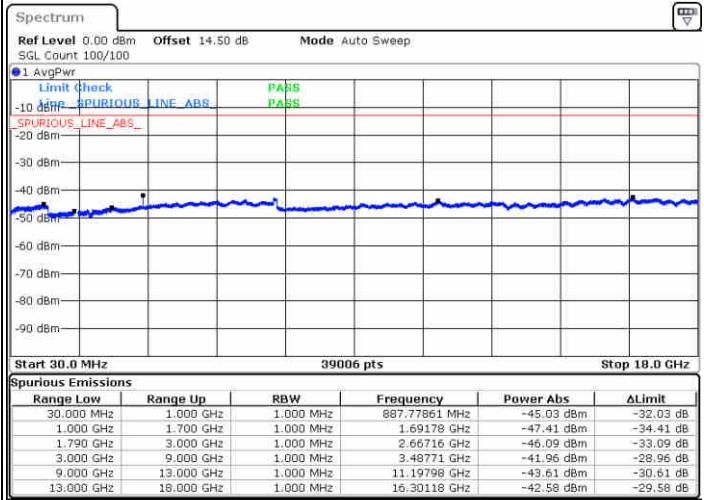
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



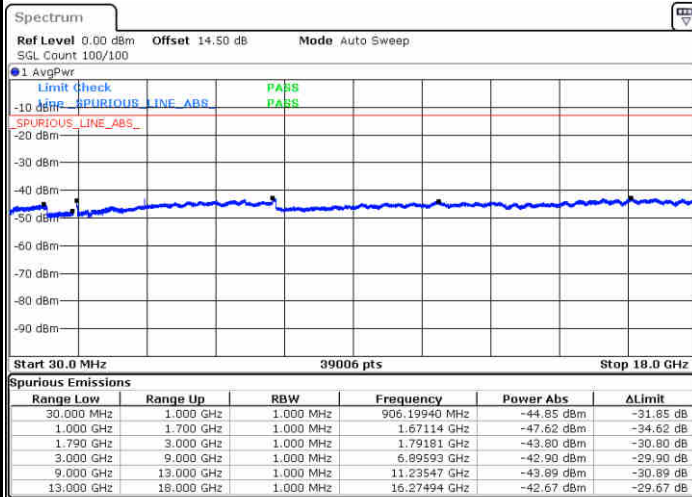
Date: 11 MAY.2019 19:58:43

Middle Channel / 64QAM



Date: 11 MAY.2019 19:57:01

Highest Channel / 64QAM

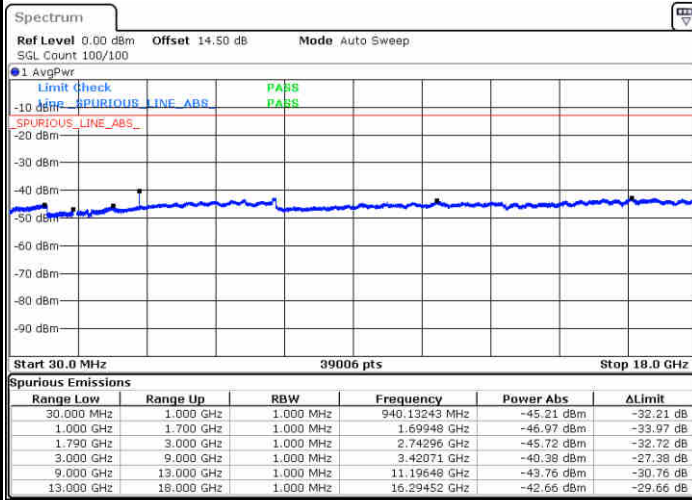


Date: 11 MAY.2019 19:54:51



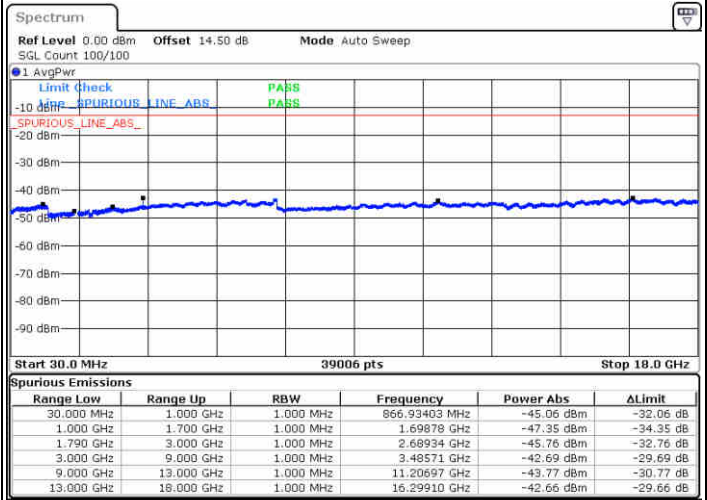
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



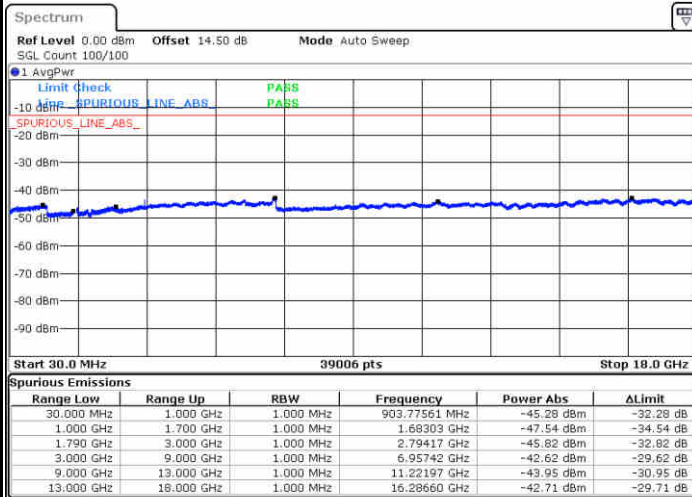
Date: 12.MAY.2019 10:47:16

Middle Channel / 64QAM



Date: 12.MAY.2019 10:45:29

Highest Channel / 64QAM

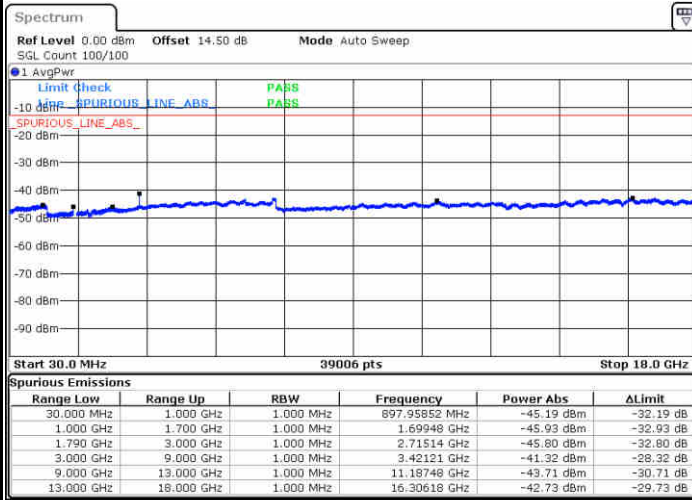


Date: 12.MAY.2019 10:41:00



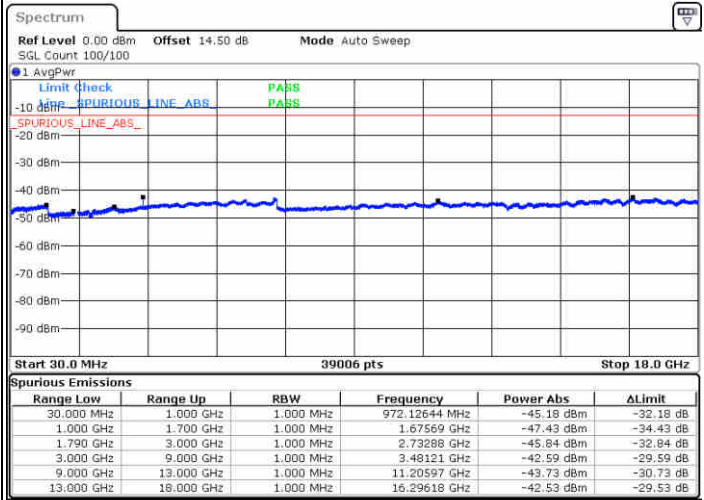
LTE Band 66 / 10MHz

Lowest Channel / 64QAM



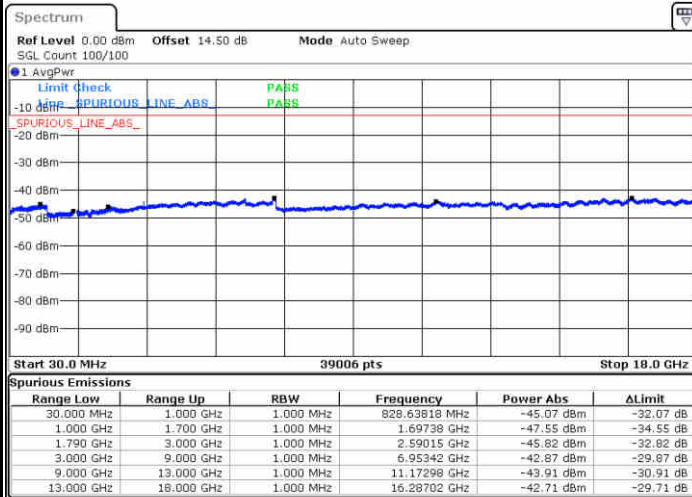
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Middle Channel / 64QAM



Date: 12.MAY.2019 11:30:59

Highest Channel / 64QAM

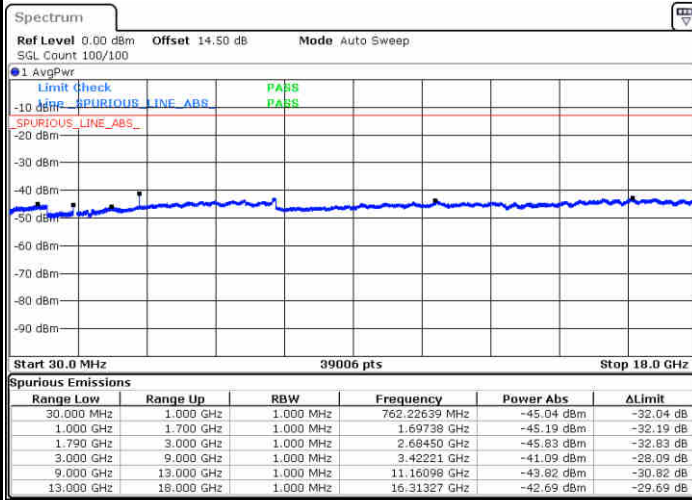


Date: 12.MAY.2019 11:33:23



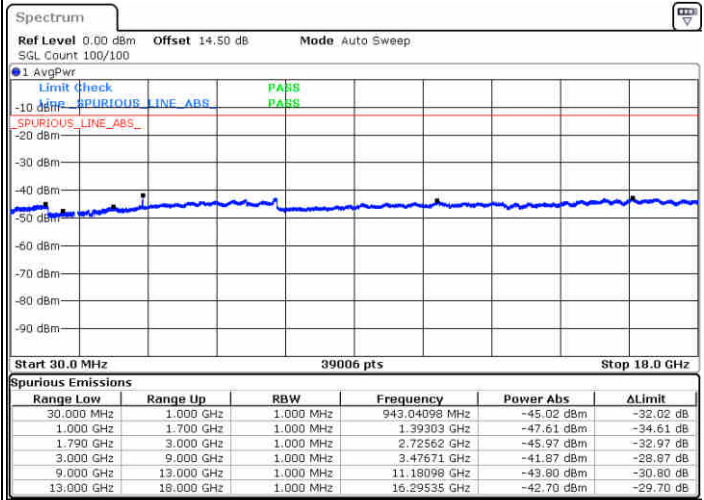
LTE Band 66 / 15MHz

Lowest Channel / 64QAM



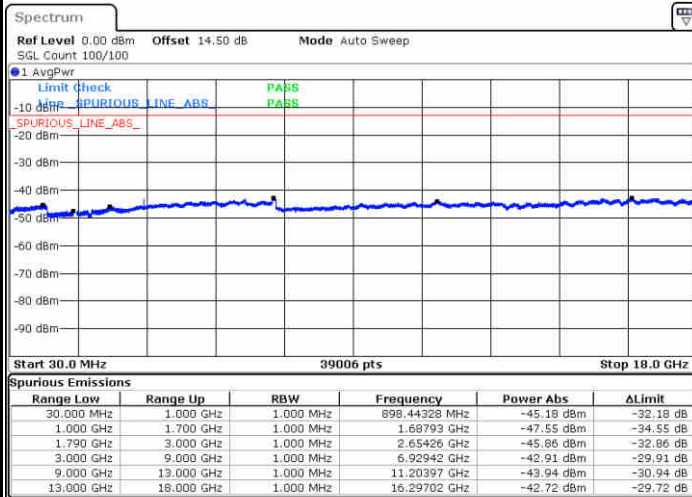
Date: 12 MAY 2019 12:41:14

Middle Channel / 64QAM



Date: 12 MAY 2019 12:38:37

Highest Channel / 64QAM

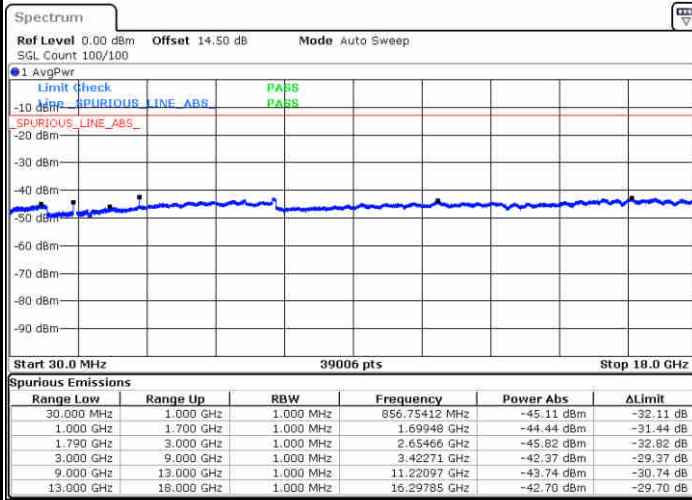


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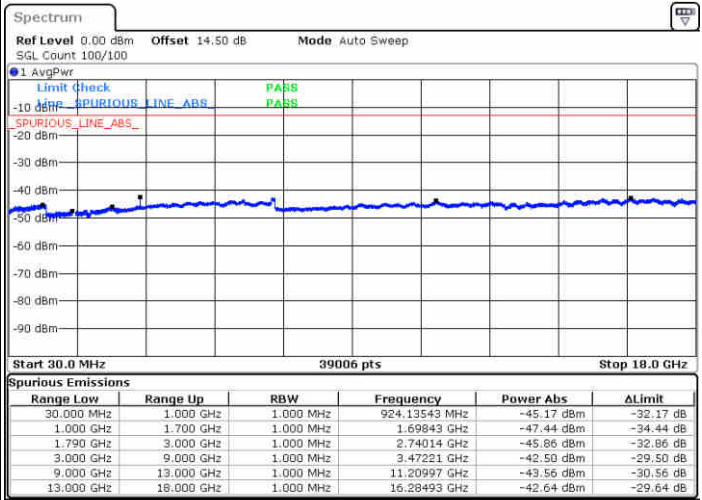
LTE Band 66 / 20MHz

Lowest Channel / 64QAM



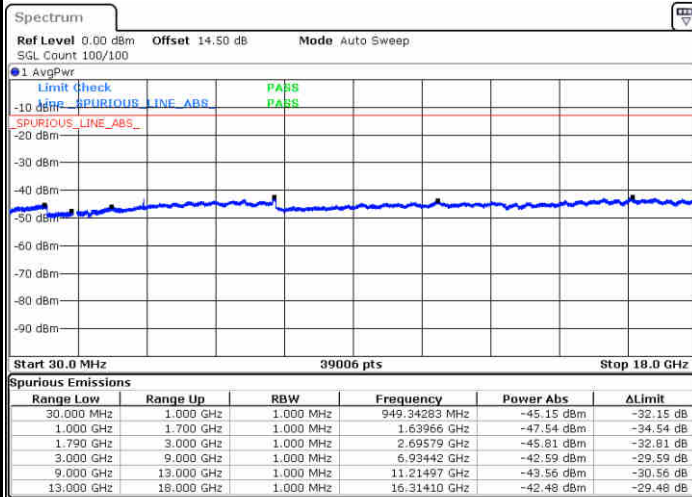
Date: 12 MAY.2019 12:46:51

Middle Channel / 64QAM



Date: 12 MAY.2019 12:55:10

Highest Channel / 64QAM



Date: 12 MAY.2019 13:04:49

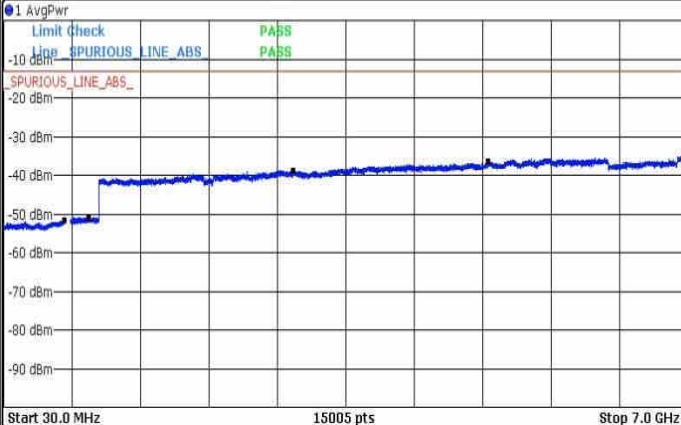


LTE Band 71 / 5MHz

Lowest Channel / QPSK

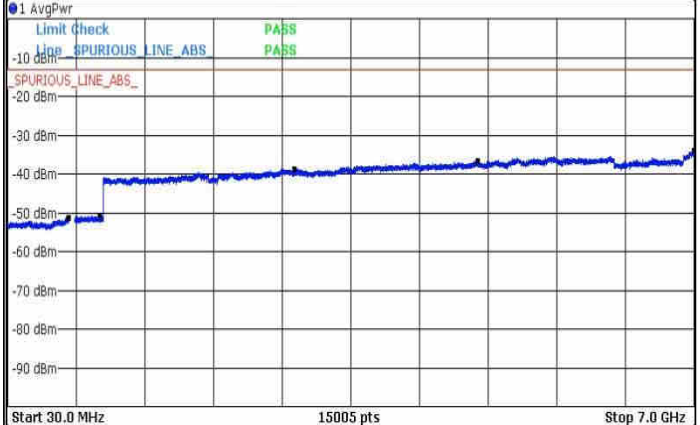
Lowest Channel / 16QAM

Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	651.53373 MHz	-51.57 dBm	-38.57 dB
709.000 MHz	1.000 GHz	100.000 kHz	894.90859 MHz	-50.94 dBm	-37.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97976 GHz	-38.83 dBm	-25.83 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.96026 GHz	-36.42 dBm	-23.42 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-34.26 dBm	-21.26 dB

Spectrum

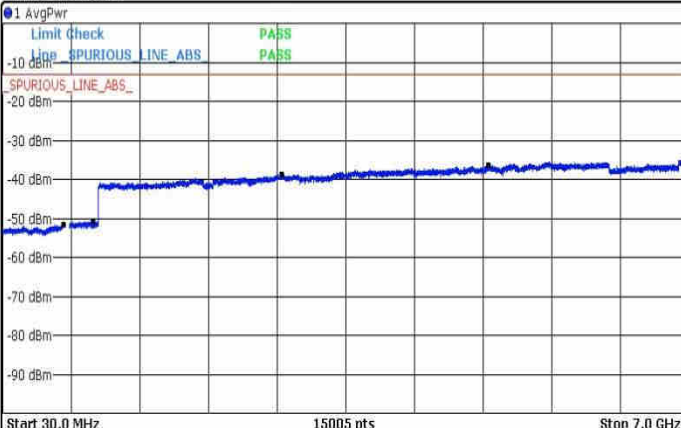
Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	643.45177 MHz	-51.28 dBm	-38.28 dB
709.000 MHz	1.000 GHz	100.000 kHz	962.93457 MHz	-50.79 dBm	-37.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.94276 GHz	-38.67 dBm	-25.67 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.80680 GHz	-36.58 dBm	-23.58 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-34.15 dBm	-21.15 dB

Middle Channel / QPSK

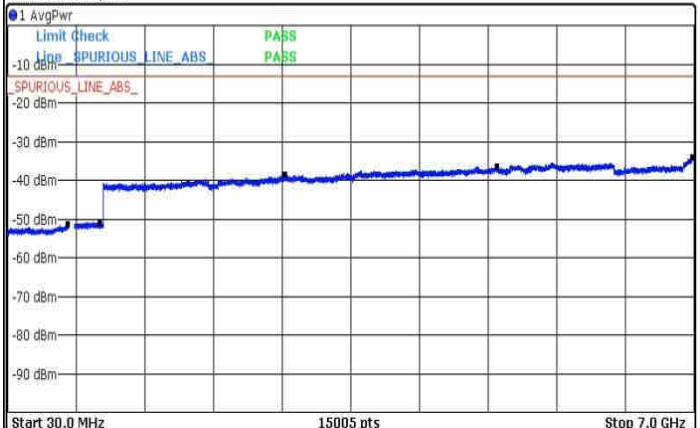
Middle Channel / 16QAM

Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	643.45177 MHz	-51.58 dBm	-38.58 dB
709.000 MHz	1.000 GHz	100.000 kHz	947.81768 MHz	-50.81 dBm	-37.81 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.86528 GHz	-38.67 dBm	-25.67 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.96126 GHz	-36.36 dBm	-23.36 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-34.00 dBm	-21.00 dB

Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	635.36982 MHz	-51.48 dBm	-38.48 dB
709.000 MHz	1.000 GHz	100.000 kHz	966.71379 MHz	-50.98 dBm	-37.98 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84679 GHz	-38.42 dBm	-25.42 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.99875 GHz	-36.41 dBm	-23.41 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98225 GHz	-33.99 dBm	-20.99 dB

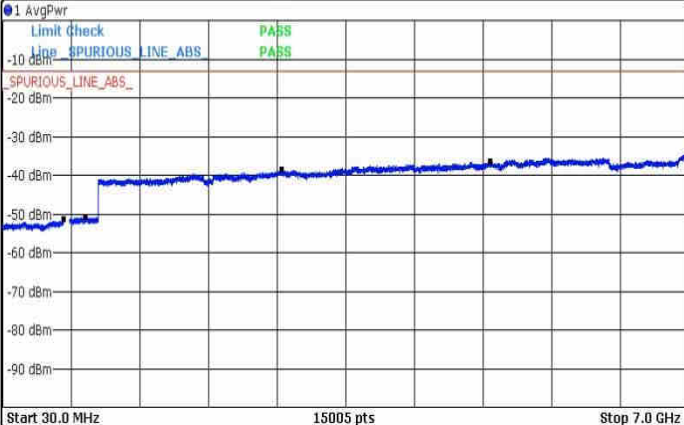


LTE Band 71 / 5MHz

Highest Channel / QPSK

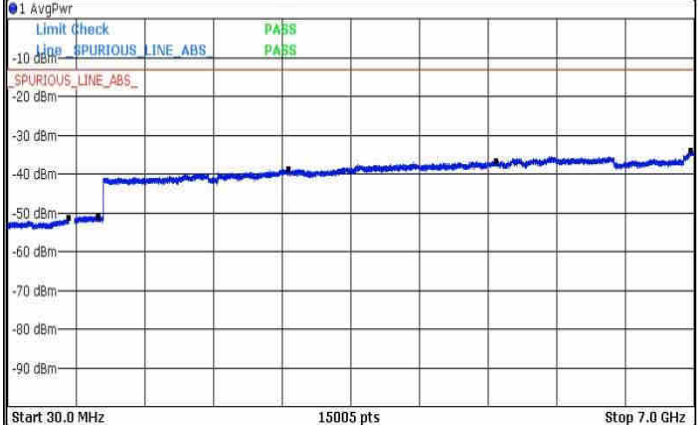
Highest Channel / 16QAM

Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	650.91204 MHz	-51.42 dBm	-38.42 dB
709.000 MHz	1.000 GHz	100.000 kHz	865.54695 MHz	-50.86 dBm	-37.86 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85829 GHz	-38.42 dBm	-25.42 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.97976 GHz	-36.41 dBm	-23.41 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97826 GHz	-33.89 dBm	-20.89 dB

Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SGL Count 100/100

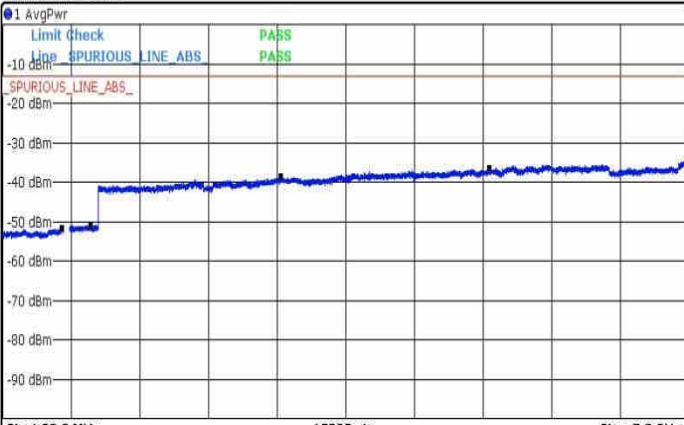
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	649.04698 MHz	-51.30 dBm	-38.30 dB
709.000 MHz	1.000 GHz	100.000 kHz	948.68981 MHz	-50.90 dBm	-37.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.87678 GHz	-38.73 dBm	-25.73 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.99025 GHz	-36.60 dBm	-23.60 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.96676 GHz	-34.10 dBm	-21.10 dB

LTE Band 71 / 10MHz

Lowest Channel / QPSK

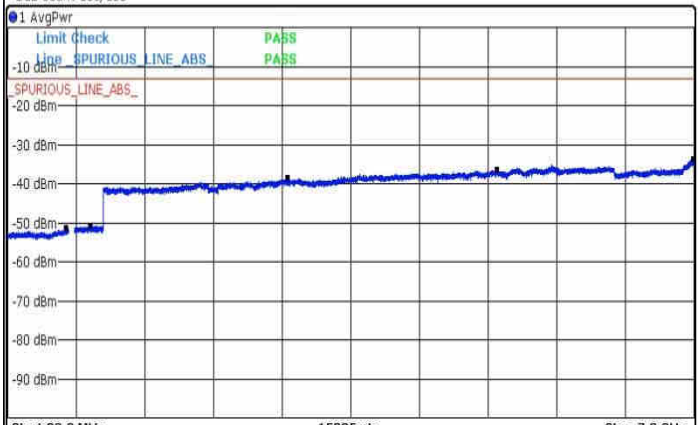
Lowest Channel / 16QAM

Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	631.32884 MHz	-51.63 dBm	-38.63 dB
709.000 MHz	1.000 GHz	100.000 kHz	921.36314 MHz	-50.91 dBm	-37.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85079 GHz	-38.65 dBm	-25.65 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.97026 GHz	-36.50 dBm	-23.50 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97176 GHz	-34.13 dBm	-21.13 dB

Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	622.31434 MHz	-51.41 dBm	-38.41 dB
709.000 MHz	1.000 GHz	100.000 kHz	868.16334 MHz	-50.86 dBm	-37.86 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.86678 GHz	-38.41 dBm	-25.41 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.99425 GHz	-36.49 dBm	-23.49 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-33.60 dBm	-20.60 dB

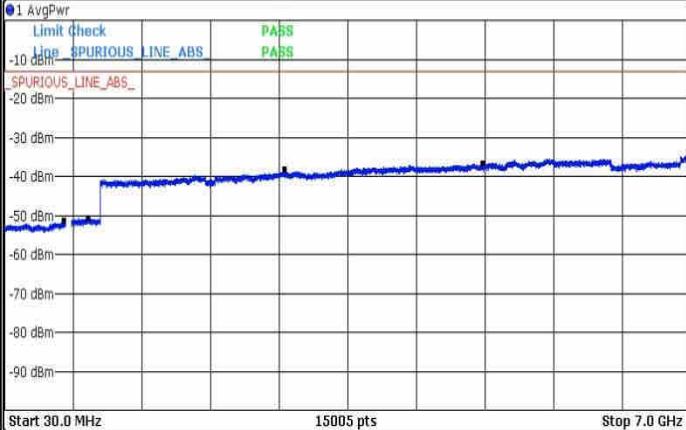


LTE Band 71 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

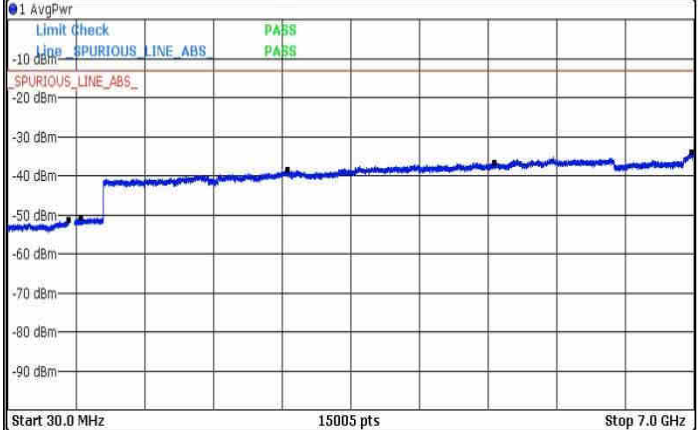
Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	633.50475 MHz	-51.44 dBm	-38.44 dB
709.000 MHz	1.000 GHz	100.000 kHz	877.17532 MHz	-50.71 dBm	-37.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.87428 GHz	-38.32 dBm	-25.32 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.88328 GHz	-36.66 dBm	-23.66 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-34.08 dBm	-21.08 dB

Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SGL Count 100/100

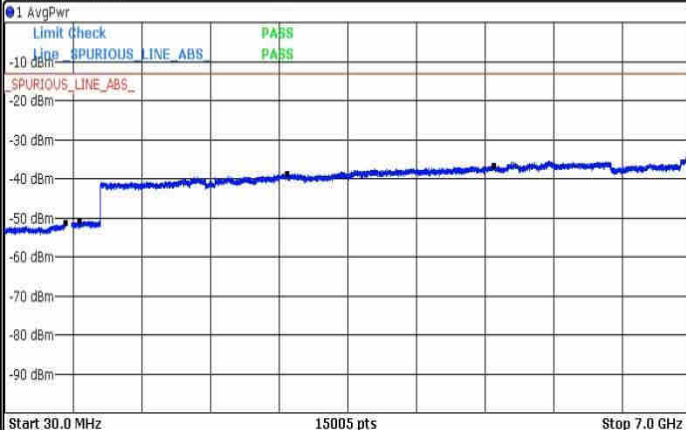
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	651.53373 MHz	-51.33 dBm	-38.33 dB
709.000 MHz	1.000 GHz	100.000 kHz	770.77572 MHz	-50.76 dBm	-37.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.87278 GHz	-38.64 dBm	-25.64 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.97376 GHz	-36.58 dBm	-23.58 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97676 GHz	-34.00 dBm	-21.00 dB

Highest Channel / QPSK

Highest Channel / 16QAM

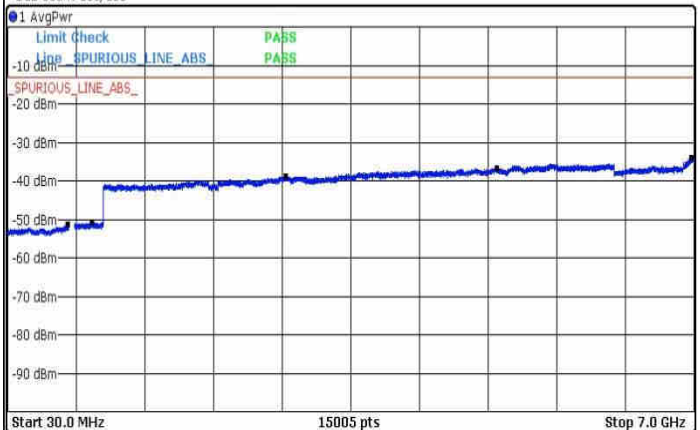
Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	649.35782 MHz	-51.44 dBm	-38.44 dB
709.000 MHz	1.000 GHz	100.000 kHz	791.70679 MHz	-50.81 dBm	-37.81 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.89378 GHz	-38.74 dBm	-25.74 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.99625 GHz	-36.59 dBm	-23.59 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97526 GHz	-34.07 dBm	-21.07 dB

Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	636.92404 MHz	-51.47 dBm	-38.47 dB
709.000 MHz	1.000 GHz	100.000 kHz	889.38511 MHz	-50.78 dBm	-37.78 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84929 GHz	-38.84 dBm	-25.84 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.99775 GHz	-36.61 dBm	-23.61 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97276 GHz	-34.10 dBm	-21.10 dB

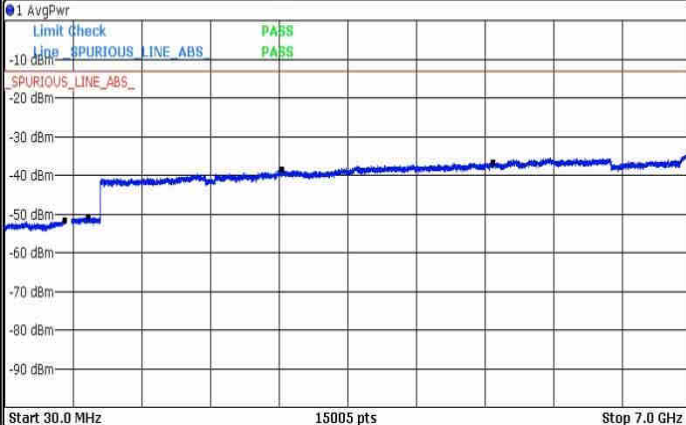


LTE Band 71 / 15MHz

Lowest Channel / QPSK

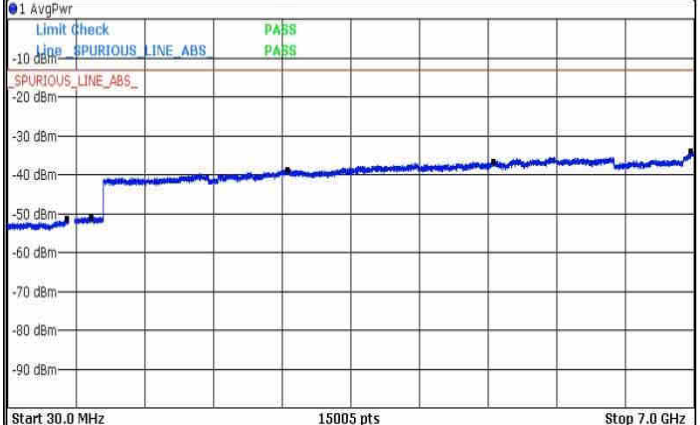
Lowest Channel / 16QAM

Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SQL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	640.34333 MHz	-51.52 dBm	-38.52 dB
709.000 MHz	1.000 GHz	100.000 kHz	874.55894 MHz	-50.89 dBm	-37.89 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84629 GHz	-38.43 dBm	-25.43 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98725 GHz	-36.65 dBm	-23.65 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.96926 GHz	-34.14 dBm	-21.14 dB

Spectrum

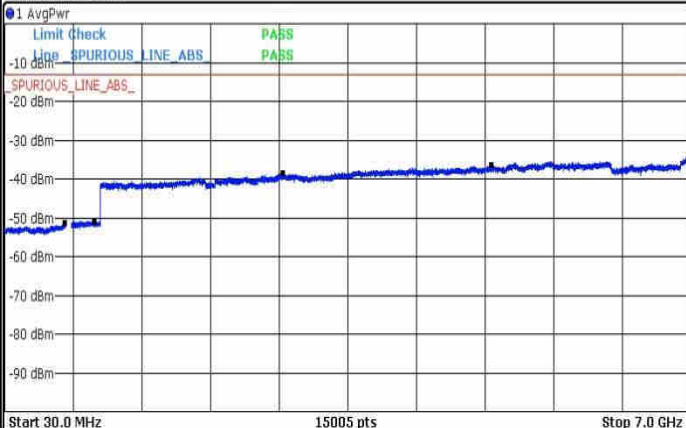
Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SQL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	628.84208 MHz	-51.47 dBm	-38.47 dB
709.000 MHz	1.000 GHz	100.000 kHz	879.21029 MHz	-50.90 dBm	-37.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.87128 GHz	-38.81 dBm	-25.81 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.95826 GHz	-36.66 dBm	-23.66 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.96776 GHz	-34.12 dBm	-21.12 dB

Middle Channel / QPSK

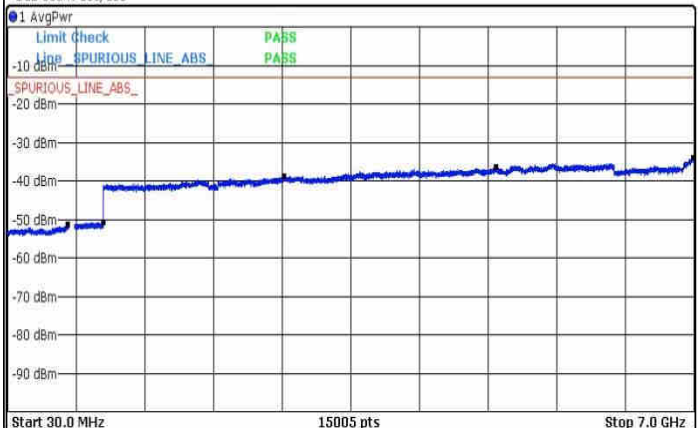
Middle Channel / 16QAM

Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SQL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	635.99150 MHz	-51.49 dBm	-38.49 dB
709.000 MHz	1.000 GHz	100.000 kHz	939.96853 MHz	-50.92 dBm	-37.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85679 GHz	-38.43 dBm	-25.43 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.97376 GHz	-36.55 dBm	-23.55 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98725 GHz	-34.01 dBm	-21.01 dB

Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SQL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	638.16742 MHz	-51.30 dBm	-38.30 dB
709.000 MHz	1.000 GHz	100.000 kHz	996.94755 MHz	-50.72 dBm	-37.72 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.83529 GHz	-38.80 dBm	-25.80 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98475 GHz	-36.40 dBm	-23.40 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-34.12 dBm	-21.12 dB

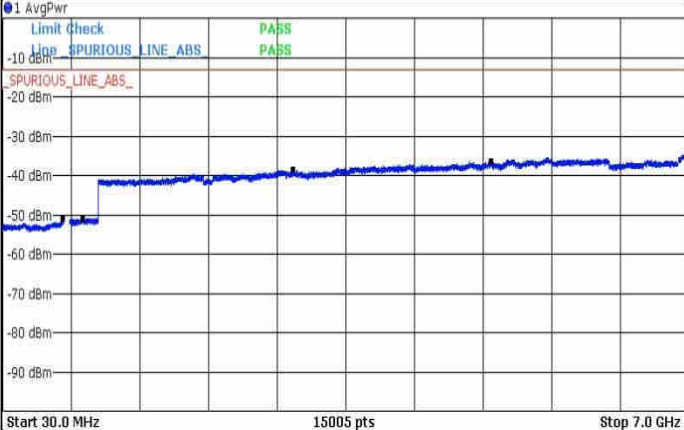


LTE Band71 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM

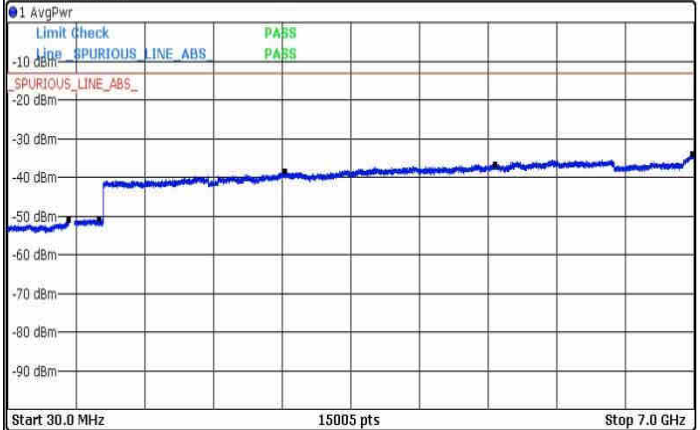
Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	640.03248 MHz	-51.17 dBm	-38.17 dB
709.000 MHz	1.000 GHz	100.000 kHz	841.70879 MHz	-50.95 dBm	-37.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97726 GHz	-38.62 dBm	-25.62 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98525 GHz	-36.49 dBm	-23.49 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98025 GHz	-34.12 dBm	-21.12 dB

Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

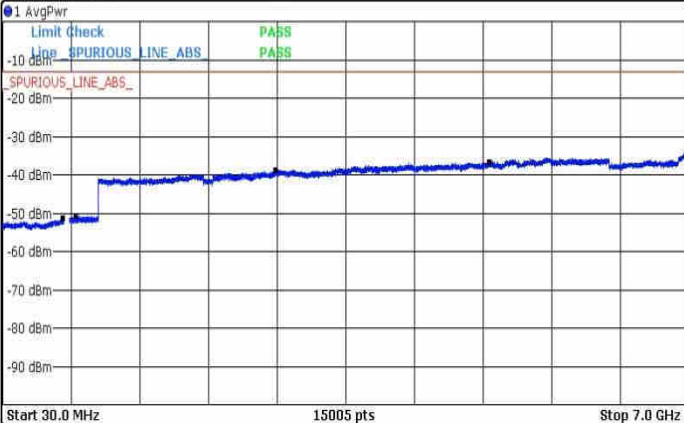
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	646.56022 MHz	-51.08 dBm	-38.08 dB
709.000 MHz	1.000 GHz	100.000 kHz	958.28322 MHz	-50.85 dBm	-37.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84779 GHz	-38.65 dBm	-25.65 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98175 GHz	-36.64 dBm	-23.64 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98525 GHz	-34.13 dBm	-21.13 dB

LTE Band 71 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

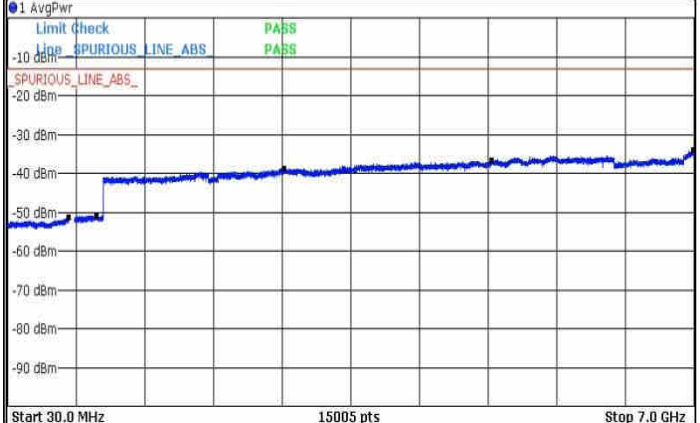
Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	635.68066 MHz	-51.20 dBm	-38.20 dB
709.000 MHz	1.000 GHz	100.000 kHz	769.90360 MHz	-50.81 dBm	-37.81 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.79630 GHz	-38.79 dBm	-25.79 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.97126 GHz	-36.68 dBm	-23.68 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97726 GHz	-33.80 dBm	-20.80 dB

Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SGL Count 100/100

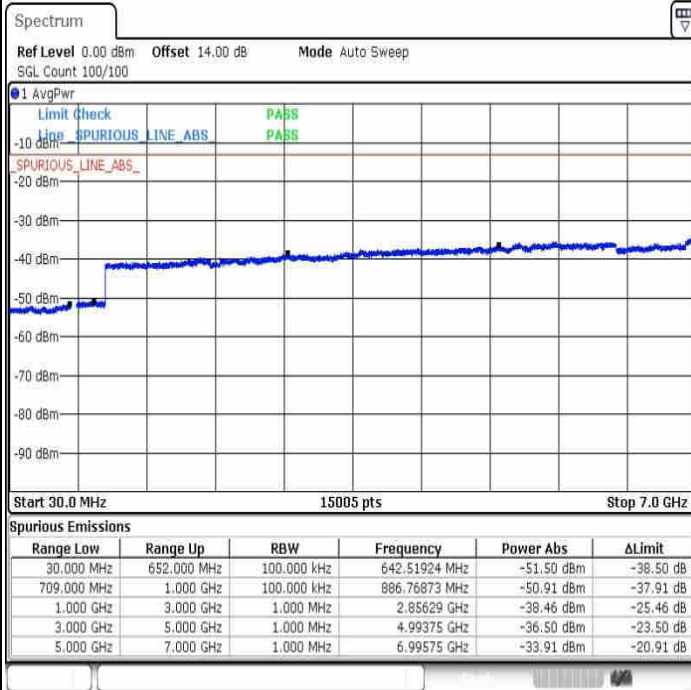
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	647.18191 MHz	-51.47 dBm	-38.47 dB
709.000 MHz	1.000 GHz	100.000 kHz	928.04945 MHz	-51.01 dBm	-38.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.83429 GHz	-38.74 dBm	-25.74 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.94676 GHz	-36.71 dBm	-23.71 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-34.01 dBm	-21.01 dB

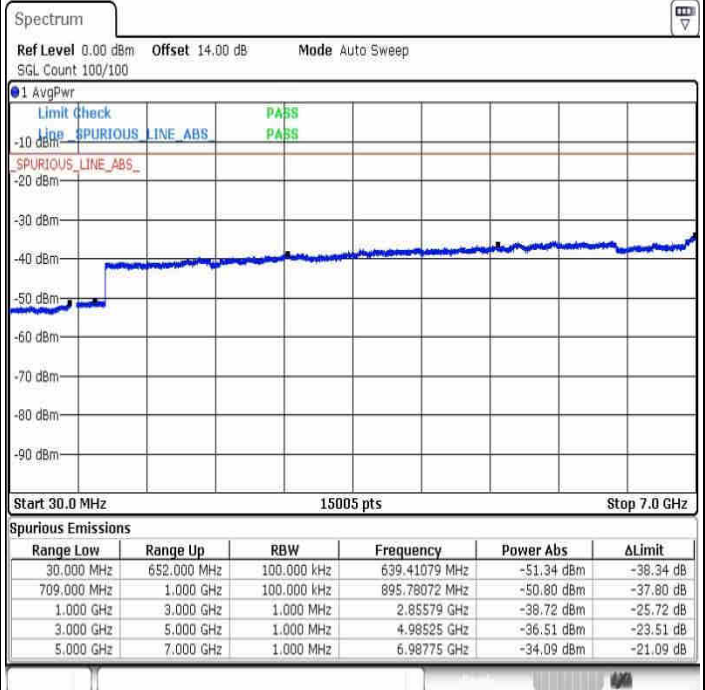


LTE Band 71 / 20MHz

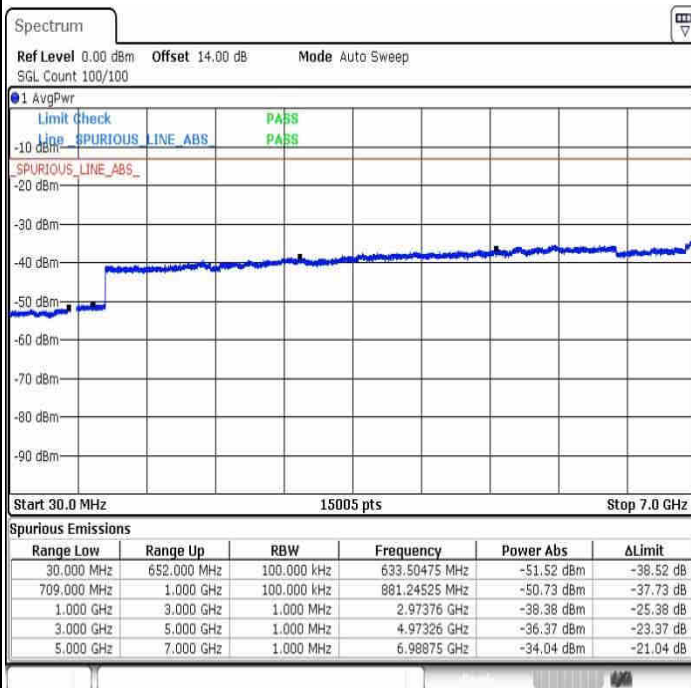
Middle Channel / QPSK



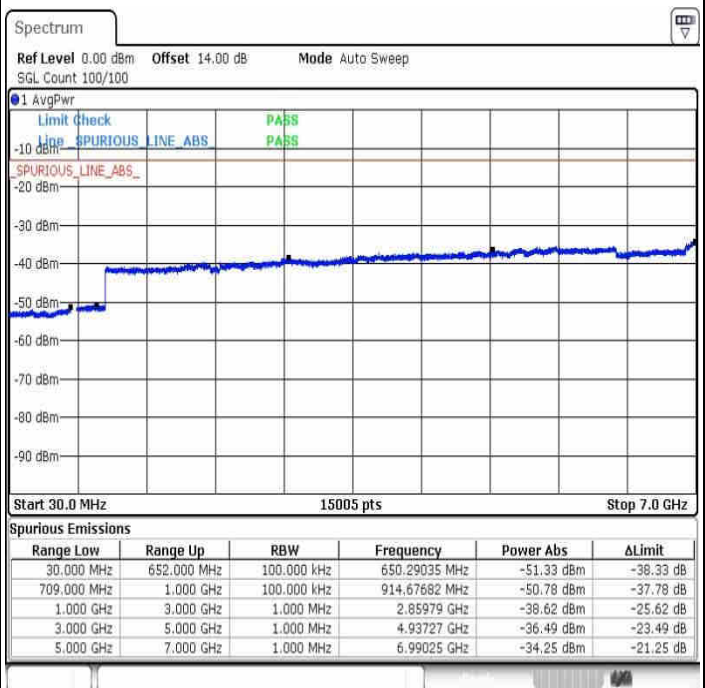
Middle Channel / 16QAM



Highest Channel / QPSK



Highest Channel / 16QAM

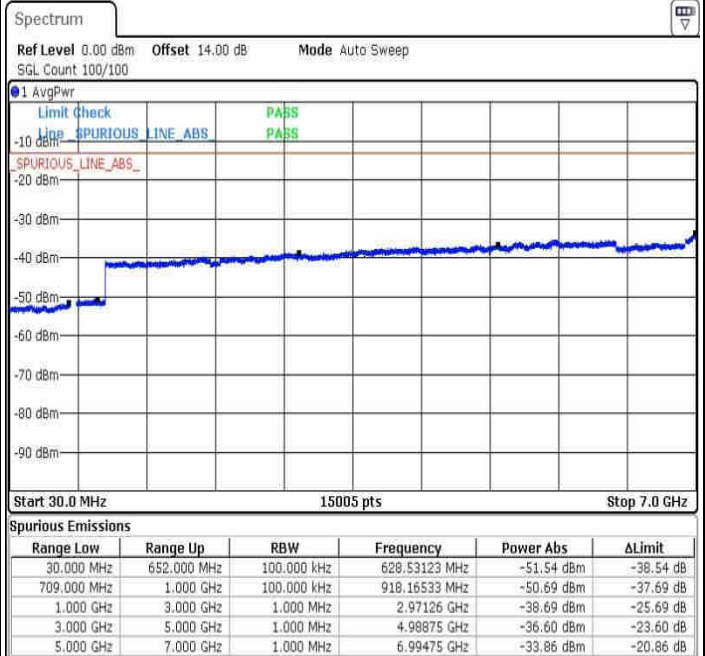
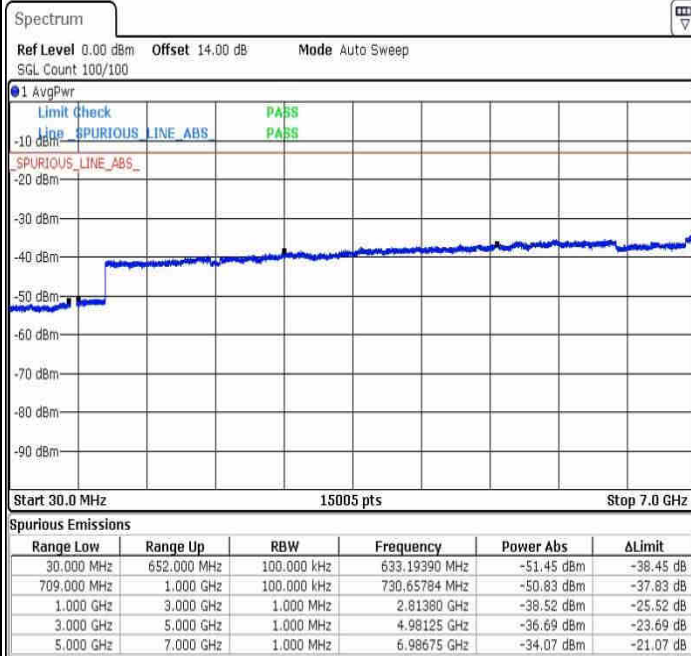




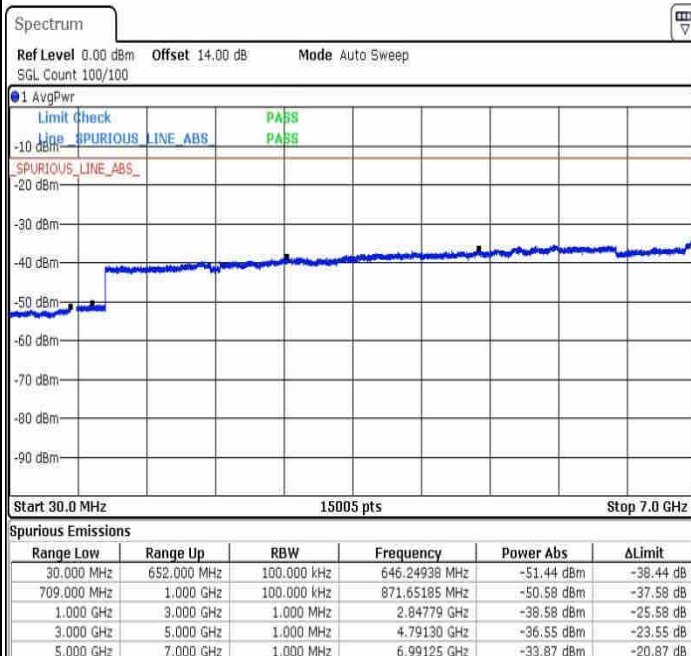
LTE Band 71 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



Highest Channel / 64QAM



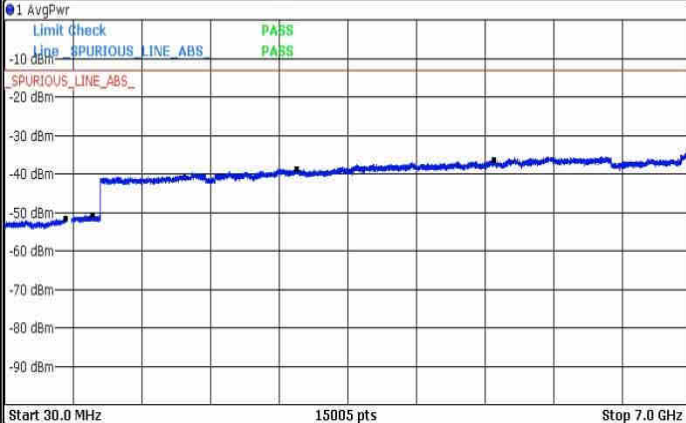


LTE Band 71 / 10MHz

Lowest Channel / 64QAM

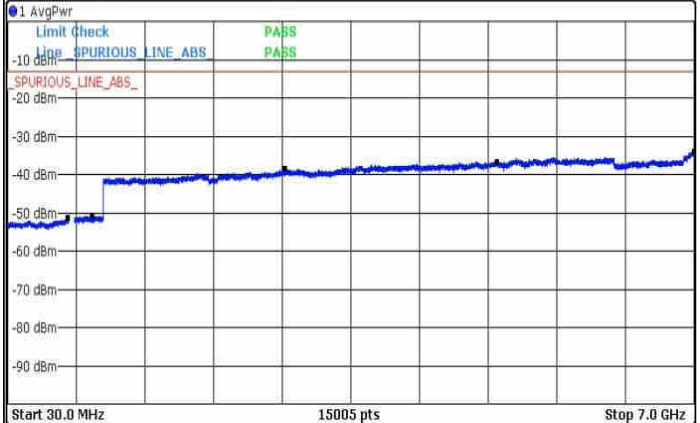
Middle Channel / 64QAM

Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	649.04698 MHz	-51.61 dBm	-38.61 dB
709.000 MHz	1.000 GHz	100.000 kHz	919.61888 MHz	-50.79 dBm	-37.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99775 GHz	-38.72 dBm	-25.72 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.99825 GHz	-36.32 dBm	-23.32 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97526 GHz	-34.08 dBm	-21.08 dB

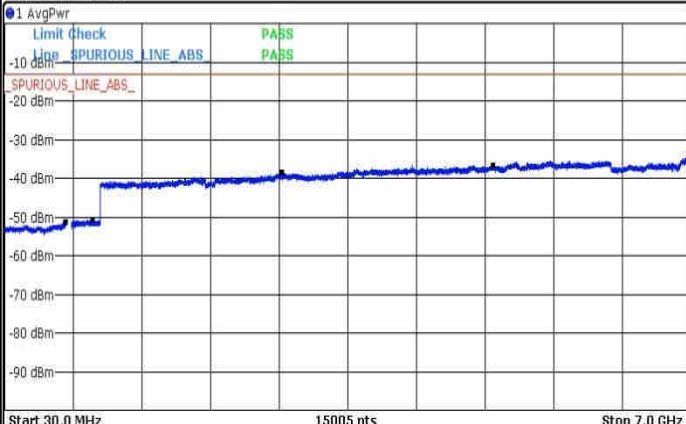
Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	641.58671 MHz	-51.29 dBm	-38.29 dB
709.000 MHz	1.000 GHz	100.000 kHz	886.47802 MHz	-50.84 dBm	-37.84 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84879 GHz	-38.49 dBm	-25.49 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.99775 GHz	-36.62 dBm	-23.62 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-33.94 dBm	-20.94 dB

Highest Channel / 64QAM

Spectrum

Ref Level 0.00 dBm Offset 14.00 dB Mode Auto Sweep
SGL Count 100/100

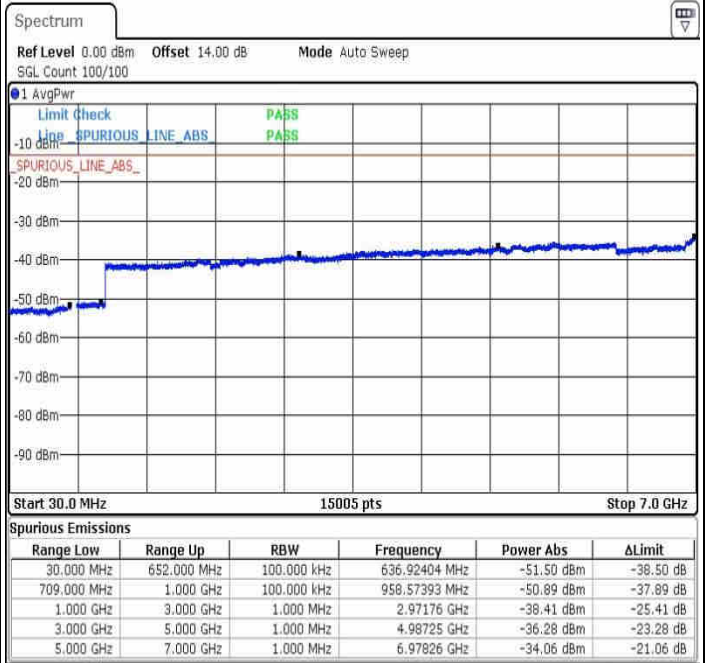
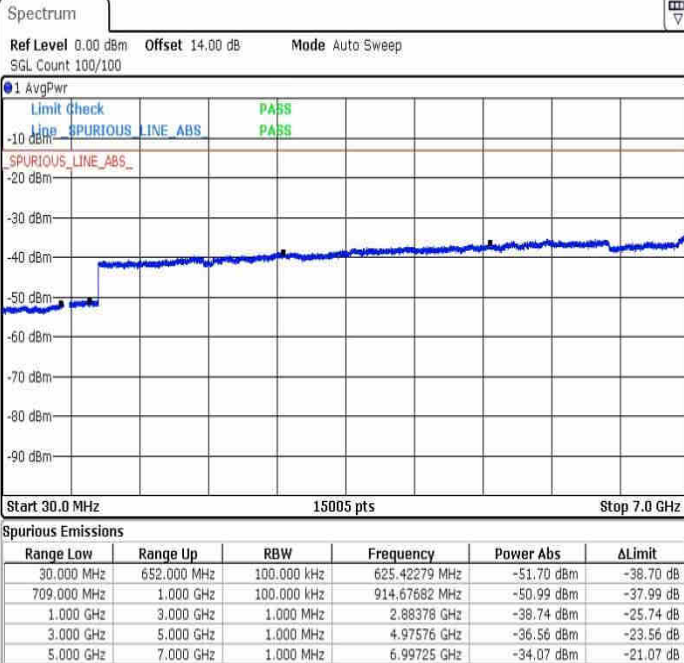
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	649.97951 MHz	-51.43 dBm	-38.43 dB
709.000 MHz	1.000 GHz	100.000 kHz	920.78172 MHz	-50.85 dBm	-37.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84229 GHz	-38.40 dBm	-25.40 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98575 GHz	-36.63 dBm	-23.63 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98325 GHz	-34.18 dBm	-21.18 dB



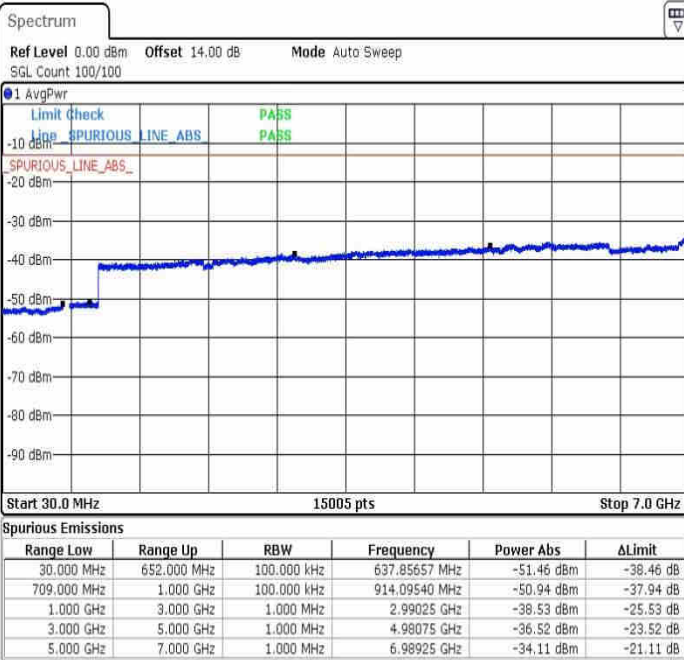
LTE Band 71 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



Highest Channel / 64QAM

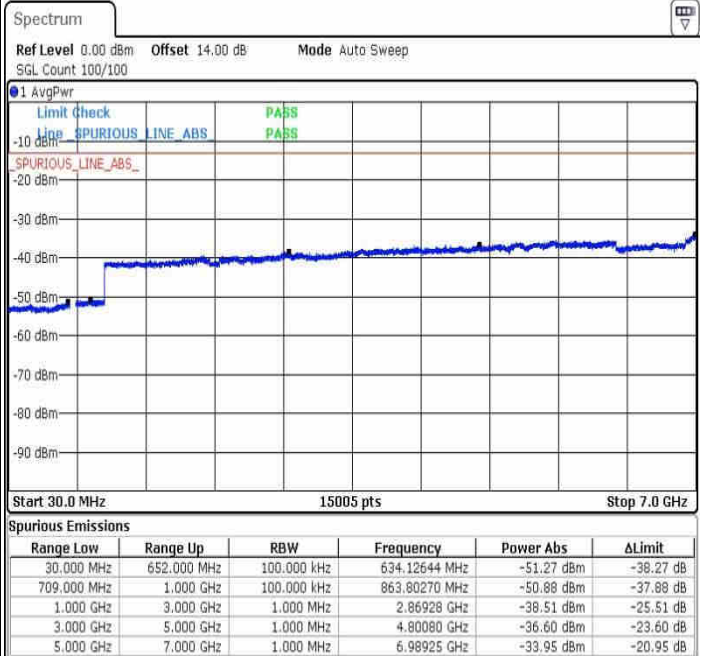
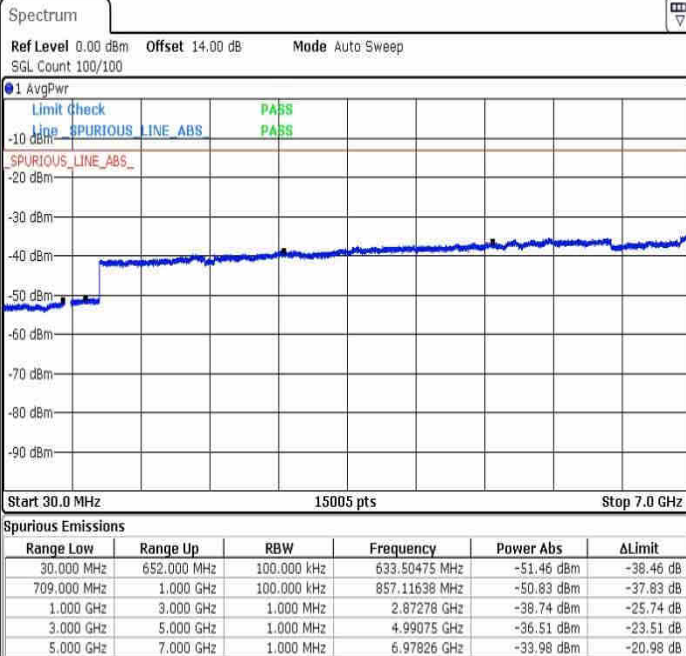




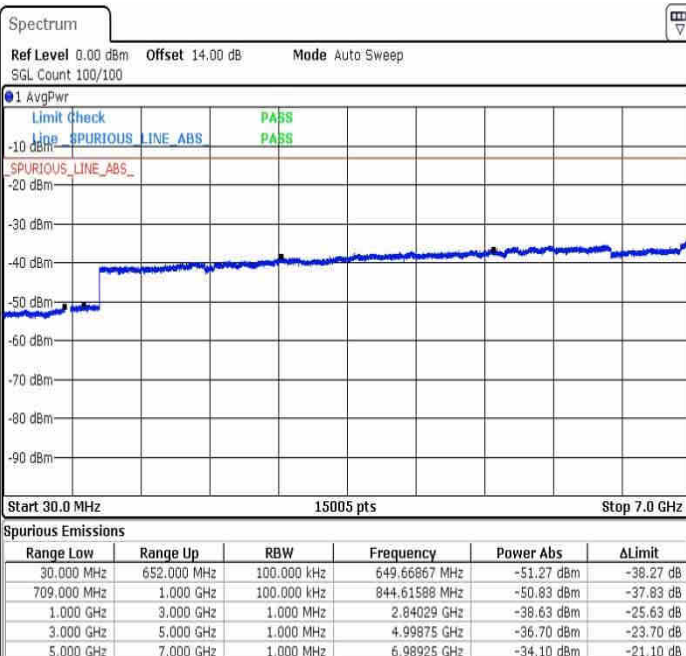
LTE Band 71 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



Highest Channel / 64QAM



Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0000	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.2 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	0.0004	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0029	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

Note:

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Top Antenna

LTE Band 71 / 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)
Middle	1356.5	-67.82	-13	-54.82	-77.00	-71.07	4.00	9.40	H
	2034.75	-67.31	-13	-54.31	-79.10	-70.88	4.88	10.60	H
	2713	-65.99	-13	-52.99	-79.53	-70.92	5.52	12.60	H
	1356.5	-67.90	-13	-54.90	-76.93	-71.15	4.00	9.40	V
	2034.75	-67.67	-13	-54.67	-79.44	-71.24	4.88	10.60	V
	2713	-65.88	-13	-52.88	-79.83	-70.81	5.52	12.60	V

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

LTE Band 71 / 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	1352	-67.91	-13	-54.91	-77.09	-71.16	4.00	9.40	H
	2028	-67.49	-13	-54.49	-79.03	-71.06	4.88	10.60	H
	2704	-66.03	-13	-53.03	-79.54	-70.96	5.52	12.60	H
	1352	-67.73	-13	-54.73	-76.76	-70.98	4.00	9.40	V
	2028	-67.22	-13	-54.22	-78.75	-70.79	4.88	10.60	V
	2704	-65.98	-13	-52.98	-79.83	-70.91	5.52	12.60	V

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

LTE Band 71 / 15MHz / 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	1347.5	-67.85	-13	-54.85	-76.99	-71.10	4.00	9.40	H
	2021.25	-67.94	-13	-54.94	-79.48	-71.51	4.88	10.60	H
	2695	-66.38	-13	-53.38	-79.88	-71.31	5.52	12.60	H
	1347.5	-68.35	-13	-55.35	-77.30	-71.60	4.00	9.40	V
	2021.25	-67.91	-13	-54.91	-79.44	-71.48	4.88	10.60	V
	2695	-65.96	-13	-52.96	-79.80	-70.89	5.52	12.60	V

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



LTE Band 71 / 20MHz / 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	1343	-67.78	-13	-54.78	-76.85	-71.03	4.00	9.40	H
	2014.5	-67.90	-13	-54.90	-79.44	-71.47	4.88	10.60	H
	2686	-66.74	-13	-53.74	-80.21	-71.67	5.52	12.60	H
	1343	-68.31	-13	-55.31	-77.19	-71.56	4.00	9.40	V
	2014.5	-66.47	-13	-53.47	-78.00	-70.04	4.88	10.60	V
	2686	-66.23	-13	-53.23	-79.98	-71.16	5.52	12.60	V

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



Bottom Antenna

LTE Band 4 / 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)
Middle	3463.74	-63.38	-13	-50.38	-79.00	-71.35	4.63	12.60	H
	5195.61	-61.26	-13	-48.26	-81.43	-67.71	6.25	12.70	H
	6927.48	-57.31	-13	-44.31	-82.61	-62.08	8.23	13.00	H
	3463.74	-62.93	-13	-49.93	-78.58	-70.90	4.63	12.6	V
	5195.61	-61.00	-13	-48.00	-81.62	-67.45	6.25	12.7	V
	6927.48	-57.38	-13	-44.38	-82.79	-62.15	8.23	13	V

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

LTE Band 4 / 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)
Middle	3462.48	-62.58	-13	-49.58	-78.20	-70.55	4.63	12.60	H
	5193.72	-61.79	-13	-48.79	-81.96	-68.24	6.25	12.70	H
	6924.96	-57.33	-13	-44.33	-82.63	-62.10	8.23	13.00	H
	3462.48	-63.70	-13	-50.70	-79.35	-71.67	4.63	12.6	V
	5193.72	-60.79	-13	-47.79	-81.41	-67.24	6.25	12.7	V
	6924.96	-57.24	-13	-44.24	-82.65	-62.01	8.23	13	V

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

LTE Band 4 / 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)
Middle	3460.68	-63.76	-13	-50.76	-79.38	-71.73	4.63	12.60	H
	5191.02	-61.61	-13	-48.61	-81.78	-68.06	6.25	12.70	H
	6921.36	-57.63	-13	-44.63	-82.84	-62.40	8.23	13.00	H
	3460.68	-63.84	-13	-50.84	-79.49	-71.81	4.63	12.6	V
	5191.02	-61.01	-13	-48.01	-81.63	-67.46	6.25	12.7	V
	6921.36	-57.64	-13	-44.64	-82.99	-62.41	8.23	13	V

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



LTE Band 4 / 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	3456.18	-63.50	-13	-50.50	-78.97	-71.47	4.63	12.60	H
	5184.27	-60.36	-13	-47.36	-80.51	-66.81	6.25	12.70	H
	6912.36	-57.64	-13	-44.64	-82.85	-62.41	8.23	13.00	H
	3456.18	-61.38	-13	-48.38	-76.88	-69.35	4.63	12.6	V
	5184.27	-61.66	-13	-48.66	-82.26	-68.11	6.25	12.7	V
	6912.36	-57.29	-13	-44.29	-82.64	-62.06	8.23	13	V

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

LTE Band 4 / 15MHz / 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	3451.68	-65.17	-13	-52.17	-80.64	-73.14	4.63	12.60	H
	5177.52	-61.48	-13	-48.48	-81.63	-67.93	6.25	12.70	H
	6903.36	-57.82	-13	-44.82	-82.94	-62.59	8.23	13.00	H
	3451.68	-64.95	-13	-51.95	-80.45	-72.92	4.63	12.6	V
	5177.52	-60.27	-13	-47.27	-80.87	-66.72	6.25	12.7	V
	6903.36	-57.49	-13	-44.49	-82.77	-62.26	8.23	13	V

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

LTE Band 4 / 20MHz / 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	3447.18	-65.19	-13	-52.19	-80.66	-73.16	4.63	12.60	H
	5170.77	-61.69	-13	-48.69	-81.82	-68.14	6.25	12.70	H
	6894.36	-57.59	-13	-44.59	-82.72	-62.36	8.23	13.00	H
	3447.18	-65.23	-13	-52.23	-80.73	-73.20	4.63	12.6	V
	5170.77	-60.51	-13	-47.51	-81.09	-66.96	6.25	12.7	V
	6894.36	-57.54	-13	-44.54	-82.83	-62.31	8.23	13	V

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



LTE Band 7 / 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)
Middle	5065.68	-55.48	-25	-30.48	-75.48	-61.04	7.14	12.70	H
	7598.52	-50.06	-25	-25.06	-76.06	-53.36	8.30	11.60	H
	10131.36	-53.35	-25	-28.35	-83.57	-54.87	10.48	12.00	H
	5065.68	-59.94	-25	-34.94	-80.36	-65.50	7.14	12.70	V
	7598.52	-51.36	-25	-26.36	-77.23	-54.66	8.30	11.60	V
	10131.36	-54.36	-25	-29.36	-83.86	-55.88	10.48	12.00	V

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

LTE Band 7 / 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	5061.18	-55.35	-25	-30.35	-75.35	-60.91	7.14	12.70	H
	7591.77	-51.11	-25	-26.11	-77.11	-54.41	8.30	11.60	H
	10122.36	-53.44	-25	-28.44	-83.66	-54.96	10.48	12.00	H
	5061.18	-59.21	-25	-34.21	-79.63	-64.77	7.14	12.70	V
	7591.77	-50.92	-25	-25.92	-76.79	-54.22	8.30	11.60	V
	10122.36	-53.83	-25	-28.83	-83.33	-55.35	10.48	12.00	V

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

LTE Band 7 / 15MHz / 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	5056.68	-55.40	-25	-30.40	-75.40	-60.96	7.14	12.70	H
	7585.02	-51.79	-25	-26.79	-77.86	-55.09	8.30	11.60	H
	10113.36	-53.16	-25	-28.16	-83.39	-54.68	10.48	12.00	H
	5056.68	-60.06	-25	-35.06	-80.48	-65.62	7.14	12.70	V
	7585.02	-51.01	-25	-26.01	-76.93	-54.31	8.30	11.60	V
	10113.36	-53.90	-25	-28.90	-83.38	-55.42	10.48	12.00	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052.18	-57.42	-25	-32.42	-77.40	-62.98	7.14	12.70	H
	7578.27	-51.71	-25	-26.71	-77.78	-55.01	8.30	11.60	H
	10104.36	-53.11	-25	-28.11	-83.34	-54.63	10.48	12.00	H
	5052.18	-60.32	-25	-35.32	-80.72	-65.88	7.14	12.70	V
	7578.27	-51.32	-25	-26.32	-77.24	-54.62	8.30	11.60	V
	10104.36	-54.13	-25	-29.13	-83.61	-55.65	10.48	12.00	V

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

LTE Band 38 / 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)
Middle	5185.50	-58.46	-25	-33.46	-78.61	-64.02	7.14	12.70	H
	7778.25	-41.35	-25	-16.35	-67.41	-44.65	8.30	11.60	H
	10371.00	-52.73	-25	-27.73	-83.01	-54.25	10.48	12.00	H
	5185.50	-62.28	-25	-37.28	-82.88	-67.84	7.14	12.70	V
	7778.25	-44.22	-25	-19.22	-70.06	-47.52	8.30	11.60	V
	10371.00	-53.57	-25	-28.57	-83.53	-55.09	10.48	12.00	V

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

LTE Band 38 / 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	5181.00	-57.35	-25	-32.35	-77.50	-62.91	7.14	12.70	H
	7771.50	-41.80	-25	-16.80	-67.85	-45.10	8.30	11.60	H
	10362.00	-53.09	-25	-28.09	-83.37	-54.61	10.48	12.00	H
	5181.00	-62.22	-25	-37.22	-82.82	-67.78	7.14	12.70	V
	7771.50	-43.16	-25	-18.16	-69	-46.46	8.30	11.60	V
	10362.00	-53.43	-25	-28.43	-83.39	-54.95	10.48	12.00	V

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



LTE Band 38 / 15MHz / 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	5176.50	-55.53	-25	-30.53	-75.68	-61.09	7.14	12.70	H
	7764.75	-41.88	-25	-16.88	-67.94	-45.18	8.30	11.60	H
	10353.00	-53.24	-25	-28.24	-83.50	-54.76	10.48	12.00	H
	5176.50	-61.56	-25	-36.56	-82.16	-67.12	7.14	12.70	V
	7764.75	-43.33	-25	-18.33	-69.18	-46.63	8.30	11.60	V
	10353.00	-53.56	-25	-28.56	-83.48	-55.08	10.48	12.00	V

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

LTE Band 38 / 20MHz / 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	5172.00	-56.02	-25	-31.02	-76.15	-61.58	7.14	12.70	H
	7758.00	-42.07	-25	-17.07	-68.13	-45.37	8.30	11.60	H
	10344.00	-53.15	-25	-28.15	-83.42	-54.67	10.48	12.00	H
	5172.00	-61.55	-25	-36.55	-82.13	-67.11	7.14	12.70	V
	7758.00	-45.77	-25	-20.77	-71.62	-49.07	8.30	11.60	V
	10344.00	-53.71	-25	-28.71	-83.64	-55.23	10.48	12.00	V

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

LTE Band 41 / 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)
Middle	5181.68	-59.23	-25	-34.23	-79.38	-64.79	7.14	12.70	H
	7772.52	-44.94	-25	-19.94	-70.99	-48.24	8.30	11.60	H
	10363.36	-53.00	-25	-28.00	-83.28	-54.52	10.48	12.00	H
	5181.68	-58.36	-25	-33.36	-78.96	-63.92	7.14	12.70	V
	7772.52	-41.54	-25	-16.54	-67.38	-44.84	8.30	11.60	V
	10363.36	-53.46	-25	-28.46	-83.42	-54.98	10.48	12.00	V

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



LTE Band 41 / 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	5177.18	-58.95	-25	-33.95	-79.10	-64.51	7.14	12.70	H
	7765.77	-49.62	-25	-24.62	-75.68	-52.92	8.30	11.60	H
	10354.36	-53.09	-25	-28.09	-83.35	-54.61	10.48	12.00	H
	5177.18	-59.46	-25	-34.46	-80.06	-65.02	7.14	12.70	V
	7765.77	-40.89	-25	-15.89	-66.74	-44.19	8.30	11.60	V
	10354.36	-53.35	-25	-28.35	-83.27	-54.87	10.48	12.00	V

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

LTE Band 41 / 15MHz / 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	5172.68	-61.48	-25	-36.48	-81.61	-67.04	7.14	12.70	H
	7759.02	-46.13	-25	-21.13	-72.19	-49.43	8.30	11.60	H
	10345.36	-53.34	-25	-28.34	-83.61	-54.86	10.48	12.00	H
	5172.68	-57.91	-25	-32.91	-78.49	-63.47	7.14	12.70	V
	7759.02	-41.88	-25	-16.88	-67.73	-45.18	8.30	11.60	V
	10345.36	-53.74	-25	-28.74	-83.67	-55.26	10.48	12.00	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5168.18	-61.79	-25	-36.79	-81.91	-67.35	7.14	12.70	H
	7752.27	-47.48	-25	-22.48	-73.53	-50.78	8.30	11.60	H
	10336.36	-53.14	-25	-28.14	-83.40	-54.66	10.48	12.00	H
	5168.18	-58.35	-25	-33.35	-78.92	-63.91	7.14	12.70	V
	7752.27	-43.42	-25	-18.42	-69.27	-46.72	8.30	11.60	V
	10336.36	-53.65	-25	-28.65	-83.54	-55.17	10.48	12.00	V

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



LTE Band 66 / 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)
Middle	3488.74	-63.71	-13	-50.71	-79.47	-71.68	4.63	12.60	H
	5233.11	-61.67	-13	-48.67	-81.49	-68.12	6.25	12.70	H
	6977.48	-57.05	-13	-44.05	-82.59	-61.82	8.23	13.00	H
	3488.74	-63.88	-13	-50.88	-79.68	-71.85	4.63	12.6	V
	5233.11	-61.17	-13	-48.17	-81.15	-67.62	6.25	12.7	V
	6977.48	-56.49	-13	-43.49	-82.07	-61.26	8.23	13	V

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

LTE Band 66 / 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)
Middle	3487.3	-63.99	-13	-50.99	-79.75	-71.96	4.63	12.60	H
	5230.95	-61.07	-13	-48.07	-80.89	-67.52	6.25	12.70	H
	6974.6	-57.35	-13	-44.35	-82.80	-62.12	8.23	13.00	H
	3487.3	-63.87	-13	-50.87	-79.67	-71.84	4.63	12.6	V
	5230.95	-61.42	-13	-48.42	-81.4	-67.87	6.25	12.7	V
	6974.6	-56.71	-13	-43.71	-82.23	-61.48	8.23	13	V

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

LTE Band 66 / 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)
Middle	3485.5	-64.50	-13	-51.50	-80.26	-72.47	4.63	12.60	H
	5228.25	-60.62	-13	-47.62	-80.44	-67.07	6.25	12.70	H
	6971	-57.29	-13	-44.29	-82.74	-62.06	8.23	13.00	H
	3485.5	-63.99	-13	-50.99	-79.79	-71.96	4.63	12.6	V
	5228.25	-59.48	-13	-46.48	-79.46	-65.93	6.25	12.7	V
	6971	-56.18	-13	-43.18	-81.7	-60.95	8.23	13	V

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



LTE Band 66 / 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	3481	-64.21	-13	-51.21	-79.97	-72.18	4.63	12.60	H
	5221.5	-56.95	-13	-43.95	-76.95	-63.40	6.25	12.70	H
	6962	-56.77	-13	-43.77	-82.22	-61.54	8.23	13.00	H
	3481	-64.15	-13	-51.15	-79.95	-72.12	4.63	12.6	V
	5221.5	-61.06	-13	-48.06	-81.36	-67.51	6.25	12.7	V
	6962	-56.54	-13	-43.54	-82.06	-61.31	8.23	13	V

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

LTE Band 66 / 15MHz / 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	3476.5	-64.26	-13	-51.26	-80.02	-72.23	4.63	12.60	H
	5214.75	-59.02	-13	-46.02	-79.01	-65.47	6.25	12.70	H
	6953	-57.46	-13	-44.46	-82.83	-62.23	8.23	13.00	H
	3476.5	-64.56	-13	-51.56	-80.36	-72.53	4.63	12.6	V
	5214.75	-61.77	-13	-48.77	-82.06	-68.22	6.25	12.7	V
	6953	-56.98	-13	-43.98	-82.44	-61.75	8.23	13	V

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

LTE Band 66 / 20MHz / 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	3472	-64.08	-13	-51.08	-79.70	-72.05	4.63	12.60	H
	5208	-59.37	-13	-46.37	-79.36	-65.82	6.25	12.70	H
	6944	-57.28	-13	-44.28	-82.65	-62.05	8.23	13.00	H
	3472	-63.56	-13	-50.56	-79.21	-71.53	4.63	12.6	V
	5208	-60.69	-13	-47.69	-80.98	-67.14	6.25	12.7	V
	6944	-56.88	-13	-43.88	-82.34	-61.65	8.23	13	V

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



LTE Band 71 / 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)
Middle	1356.5	-67.82	-13	-54.82	-77.00	-71.07	4.00	9.40	H
	2034.75	-67.93	-13	-54.93	-79.72	-71.50	4.88	10.60	H
	2713	-66.67	-13	-53.67	-80.21	-71.60	5.52	12.60	H
	1356.5	-68.61	-13	-55.61	-77.64	-71.86	4.00	9.40	V
	2034.75	-67.74	-13	-54.74	-79.51	-71.31	4.88	10.60	V
	2713	-66.40	-13	-53.40	-80.35	-71.33	5.52	12.60	V

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

LTE Band 71 / 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	1352	-67.98	-13	-54.98	-77.16	-71.23	4.00	9.40	H
	2028	-68.24	-13	-55.24	-79.78	-71.81	4.88	10.60	H
	2704	-66.85	-13	-53.85	-80.36	-71.78	5.52	12.60	H
	1352	-68.39	-13	-55.39	-77.42	-71.64	4.00	9.40	V
	2028	-68.25	-13	-55.25	-79.78	-71.82	4.88	10.60	V
	2704	-65.86	-13	-52.86	-79.71	-70.79	5.52	12.60	V

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

LTE Band 71 / 15MHz / 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	1347.5	-68.02	-13	-55.02	-77.16	-71.27	4.00	9.40	H
	2021.25	-68.22	-13	-55.22	-79.76	-71.79	4.88	10.60	H
	2695	-66.51	-13	-53.51	-80.01	-71.44	5.52	12.60	H
	1347.5	-68.26	-13	-55.26	-77.21	-71.51	4.00	9.40	V
	2021.25	-68.43	-13	-55.43	-79.96	-72.00	4.88	10.60	V
	2695	-66.33	-13	-53.33	-80.17	-71.26	5.52	12.60	V

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



LTE Band 71 / 20MHz / 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	1343	-68.18	-13	-55.18	-77.25	-71.43	4.00	9.40	H
	2014.5	-68.31	-13	-55.31	-79.85	-71.88	4.88	10.60	H
	2686	-66.44	-13	-53.44	-79.91	-71.37	5.52	12.60	H
	1343	-68.51	-13	-55.51	-77.39	-71.76	4.00	9.40	V
	2014.5	-67.86	-13	-54.86	-79.39	-71.43	4.88	10.60	V
	2686	-66.34	-13	-53.34	-80.09	-71.27	5.52	12.60	V

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