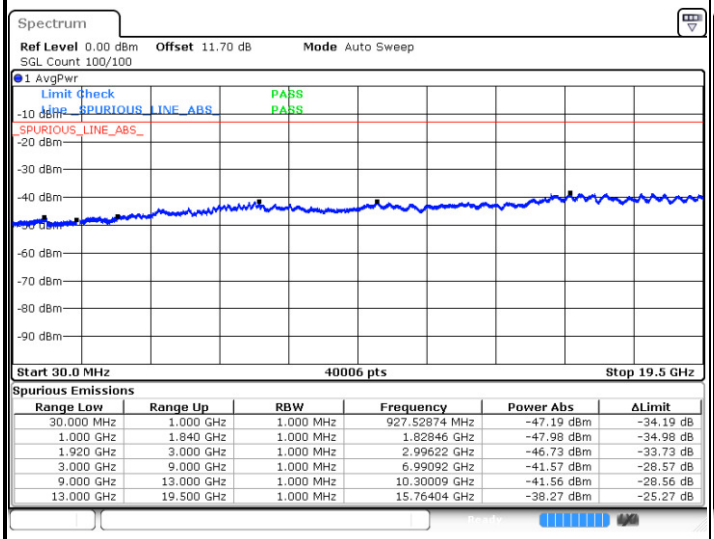
LTE Band 2 / 10MHz

Middle Channel / QPSK

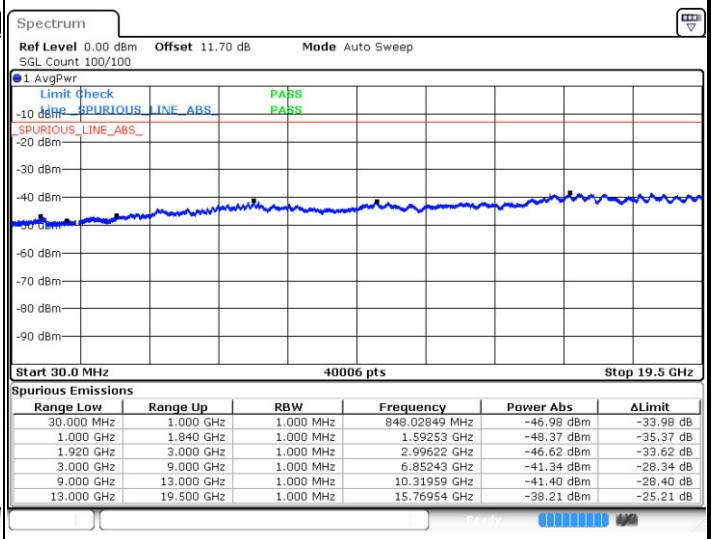


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	927.52874 MHz	-47.19 dBm	-34.19 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82846 GHz	-47.98 dBm	-34.98 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99622 GHz	-46.73 dBm	-33.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-41.57 dBm	-28.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30009 GHz	-41.56 dBm	-28.56 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76404 GHz	-38.27 dBm	-25.27 dB

Date: 5.JAN.2018 10:07:23

Middle Channel / 16QAM

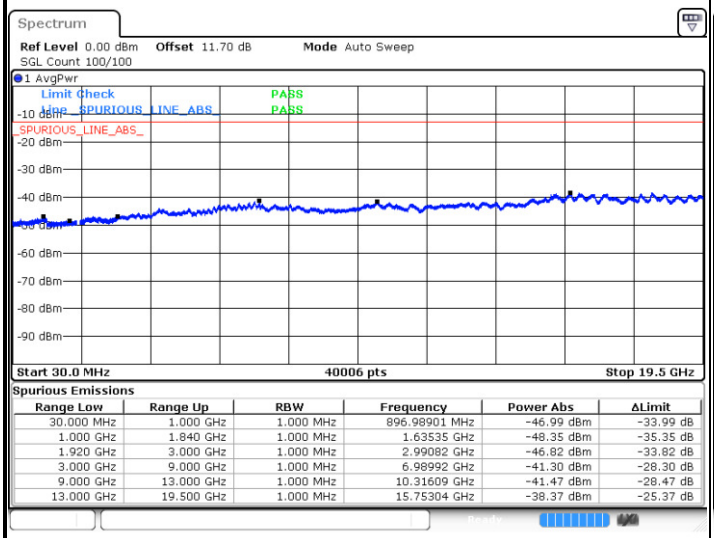


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	848.02849 MHz	-46.98 dBm	-33.98 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.59253 GHz	-48.37 dBm	-35.37 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99622 GHz	-46.62 dBm	-33.62 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.85243 GHz	-41.34 dBm	-28.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31959 GHz	-41.40 dBm	-28.40 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76954 GHz	-38.21 dBm	-25.21 dB

Date: 5.JAN.2018 10:08:17

Highest Channel / QPSK

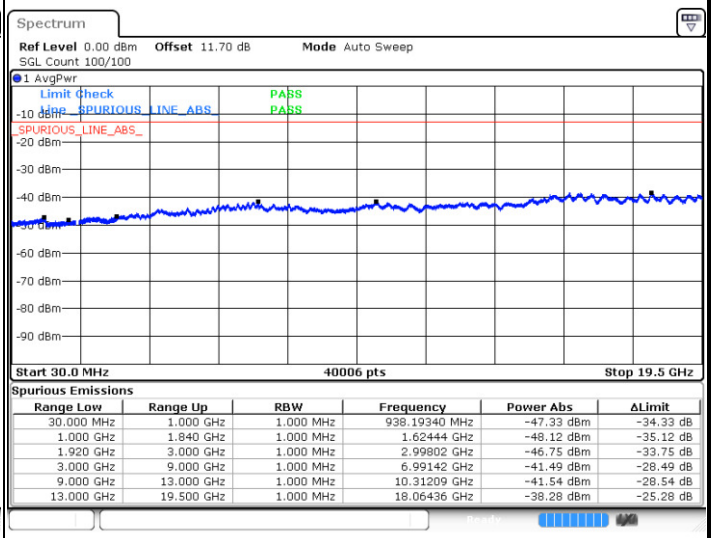


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.98901 MHz	-46.99 dBm	-33.99 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.63535 GHz	-48.35 dBm	-35.35 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99082 GHz	-46.82 dBm	-33.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98992 GHz	-41.30 dBm	-28.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31609 GHz	-41.47 dBm	-28.47 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75304 GHz	-38.37 dBm	-25.37 dB

Date: 5.JAN.2018 10:14:26

Highest Channel / 16QAM



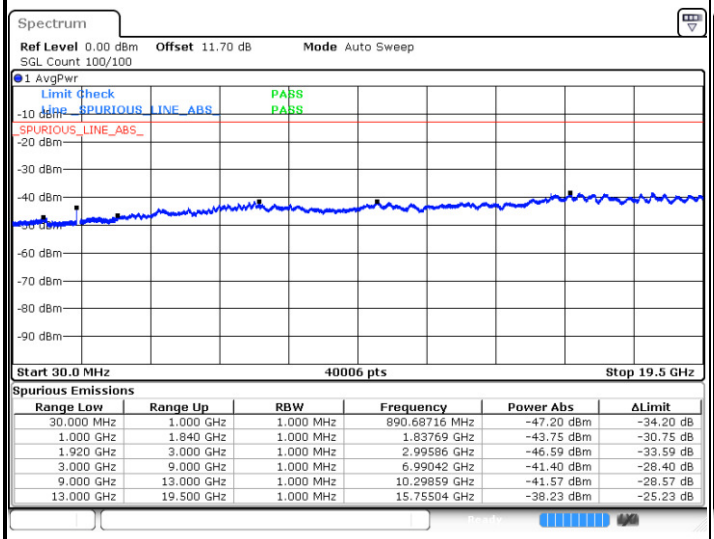
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.19340 MHz	-47.33 dBm	-34.33 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62444 GHz	-48.12 dBm	-35.12 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99802 GHz	-46.75 dBm	-33.75 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99142 GHz	-41.49 dBm	-28.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31209 GHz	-41.54 dBm	-28.54 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06436 GHz	-38.28 dBm	-25.28 dB

Date: 5.JAN.2018 10:15:20

LTE Band 2 / 15MHz

Lowest Channel / QPSK

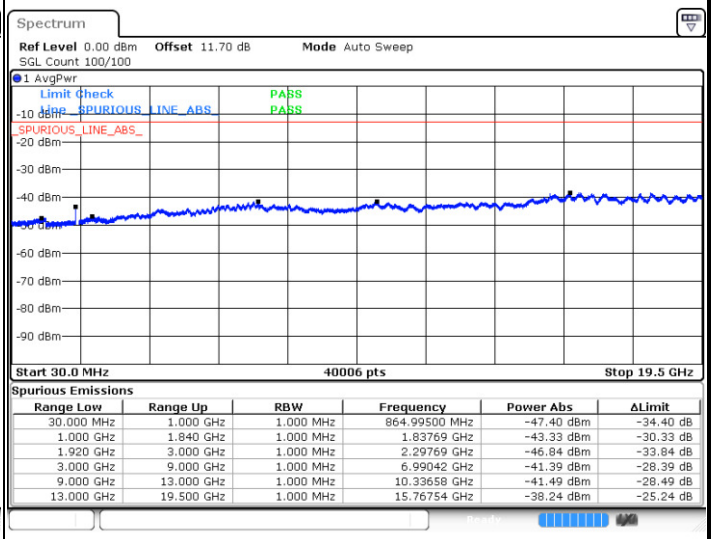


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.68716 MHz	-47.20 dBm	-34.20 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-43.75 dBm	-30.75 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99586 GHz	-46.59 dBm	-33.59 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.40 dBm	-28.40 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.29859 GHz	-41.57 dBm	-28.57 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75504 GHz	-38.23 dBm	-25.23 dB

Date: 5.JAN.2018 10:21:29

Lowest Channel / 16QAM

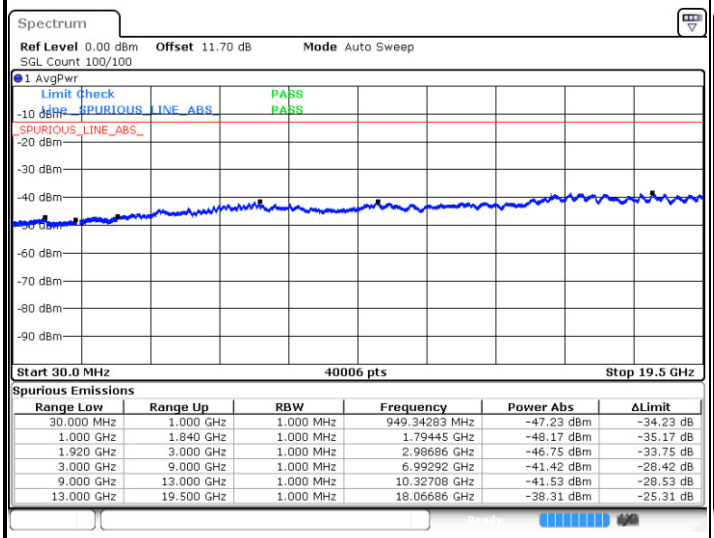


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	864.99500 MHz	-47.40 dBm	-34.40 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-43.33 dBm	-30.33 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.29769 GHz	-46.84 dBm	-33.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.39 dBm	-28.39 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.33658 GHz	-41.49 dBm	-28.49 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76754 GHz	-38.24 dBm	-25.24 dB

Date: 5.JAN.2018 10:22:23

Middle Channel / QPSK

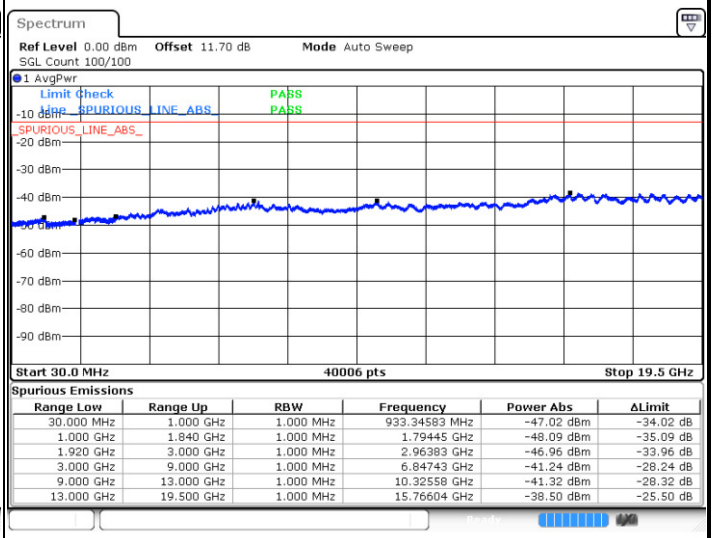


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.34283 MHz	-47.23 dBm	-34.23 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79445 GHz	-48.17 dBm	-35.17 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98686 GHz	-46.75 dBm	-33.75 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99292 GHz	-41.42 dBm	-28.42 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32708 GHz	-41.53 dBm	-28.53 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06686 GHz	-38.31 dBm	-25.31 dB

Date: 5.JAN.2018 10:23:57

Middle Channel / 16QAM



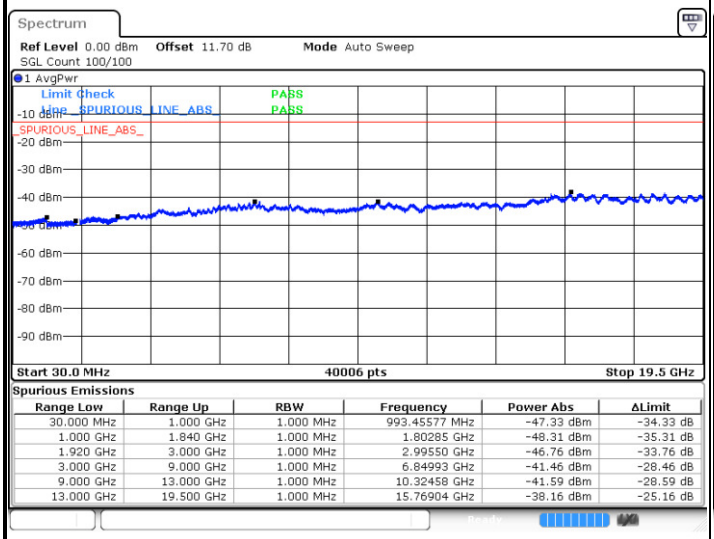
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.34583 MHz	-47.02 dBm	-34.02 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79445 GHz	-48.09 dBm	-35.09 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96383 GHz	-46.96 dBm	-33.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.84743 GHz	-41.24 dBm	-28.24 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32558 GHz	-41.32 dBm	-28.32 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76604 GHz	-38.50 dBm	-25.50 dB

Date: 5.JAN.2018 10:24:51

LTE Band 2 / 15MHz

Highest Channel / QPSK

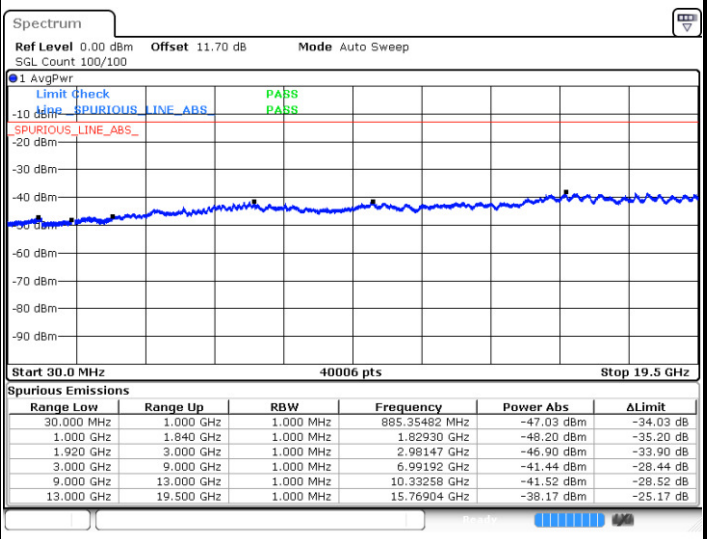


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-47.33 dBm	-34.33 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80285 GHz	-48.31 dBm	-35.31 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99550 GHz	-46.76 dBm	-33.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.84993 GHz	-41.46 dBm	-28.46 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32458 GHz	-41.59 dBm	-28.59 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76904 GHz	-38.16 dBm	-25.16 dB

Date: 5.JAN.2018 10:31:00

Highest Channel / 16QAM



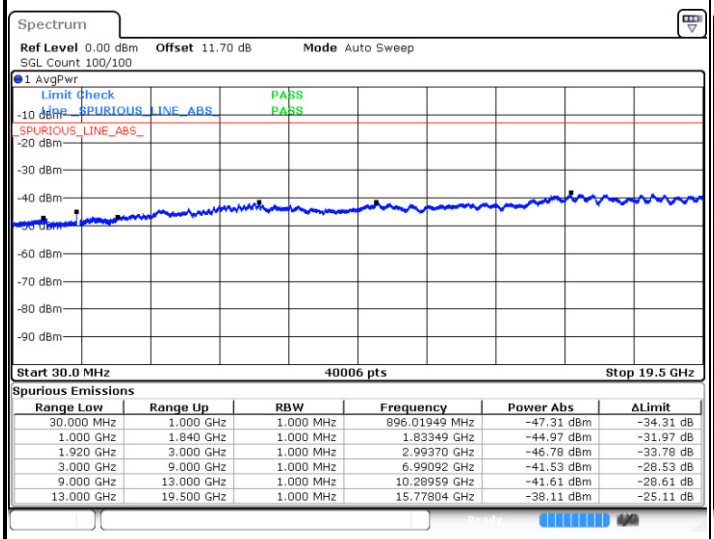
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	885.35482 MHz	-47.03 dBm	-34.03 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82930 GHz	-48.20 dBm	-35.20 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98147 GHz	-46.90 dBm	-33.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99192 GHz	-41.44 dBm	-28.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.33258 GHz	-41.52 dBm	-28.52 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76904 GHz	-38.17 dBm	-25.17 dB

Date: 5.JAN.2018 10:31:54

LTE Band 2 / 20MHz

Lowest Channel / QPSK

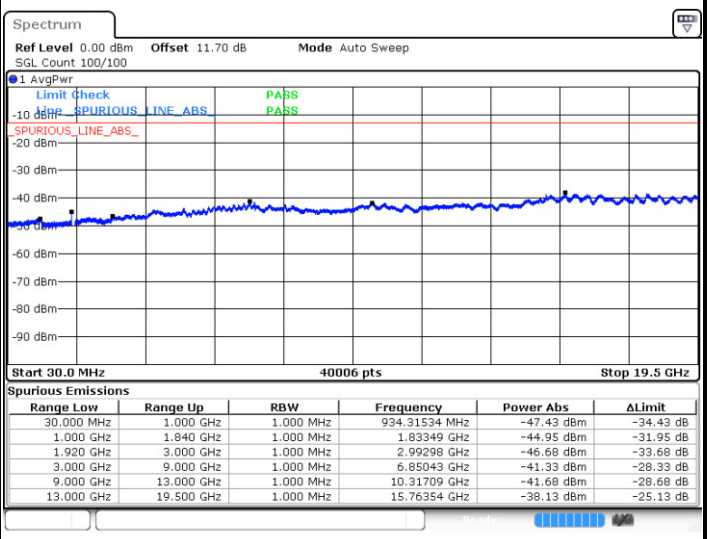


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.01949 MHz	-47.31 dBm	-34.31 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-44.97 dBm	-31.97 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99370 GHz	-46.78 dBm	-33.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-41.53 dBm	-28.53 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.28959 GHz	-41.61 dBm	-28.61 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77804 GHz	-38.11 dBm	-25.11 dB

Date: 5.JAN.2018 10:38:03

Lowest Channel / 16QAM



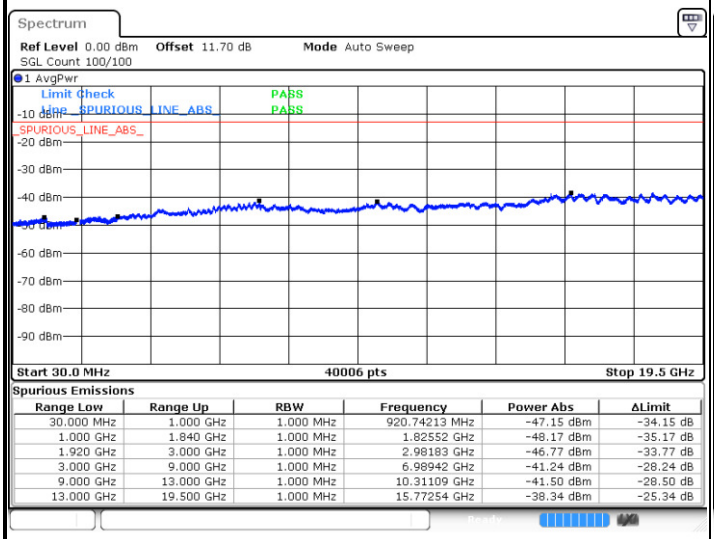
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	934.31534 MHz	-47.43 dBm	-34.43 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-44.95 dBm	-31.95 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99298 GHz	-46.68 dBm	-33.68 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.85043 GHz	-41.33 dBm	-28.33 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31709 GHz	-41.68 dBm	-28.68 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76354 GHz	-38.13 dBm	-25.13 dB

Date: 5.JAN.2018 10:38:57

LTE Band 2 / 20MHz

Middle Channel / QPSK

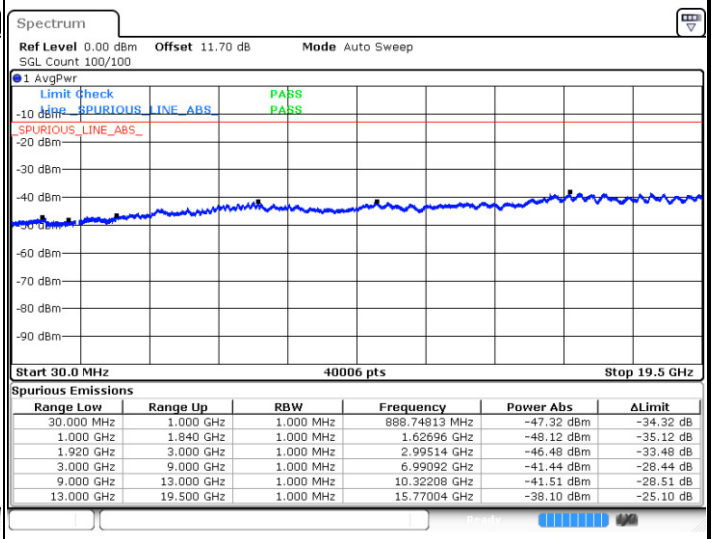


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.74213 MHz	-47.15 dBm	-34.15 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82552 GHz	-48.17 dBm	-35.17 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98183 GHz	-46.77 dBm	-33.77 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98942 GHz	-41.24 dBm	-28.24 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31109 GHz	-41.50 dBm	-28.50 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77254 GHz	-38.34 dBm	-25.34 dB

Date: 5.JAN.2018 10:40:31

Middle Channel / 16QAM

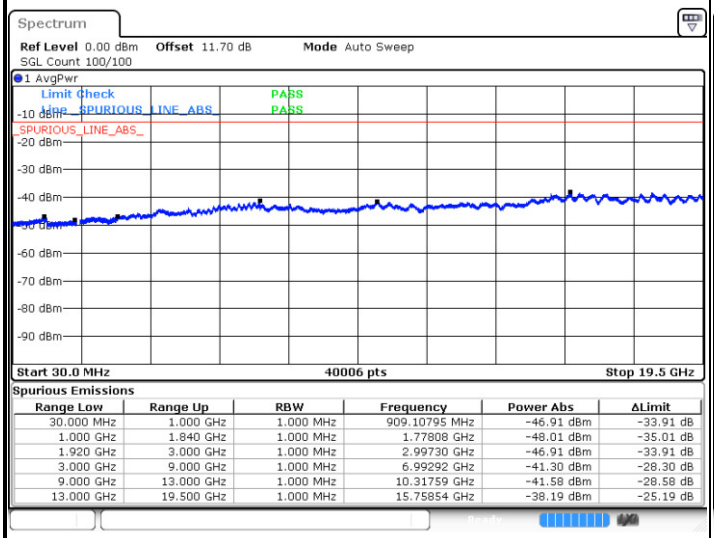


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	888.74813 MHz	-47.32 dBm	-34.32 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62696 GHz	-48.12 dBm	-35.12 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99514 GHz	-46.48 dBm	-33.48 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-41.44 dBm	-28.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32208 GHz	-41.51 dBm	-28.51 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77004 GHz	-38.10 dBm	-25.10 dB

Date: 5.JAN.2018 10:41:25

Highest Channel / QPSK

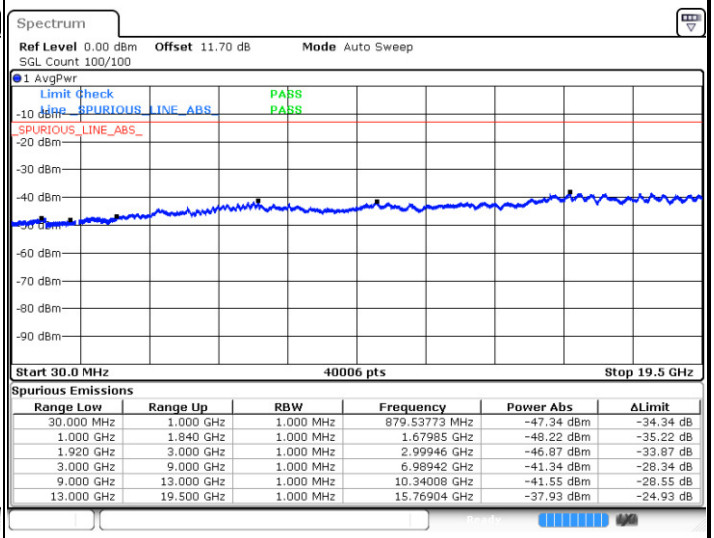


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.10795 MHz	-46.91 dBm	-33.91 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.77808 GHz	-48.01 dBm	-35.01 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99730 GHz	-46.91 dBm	-33.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99292 GHz	-41.30 dBm	-28.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31759 GHz	-41.58 dBm	-28.58 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75854 GHz	-38.19 dBm	-25.19 dB

Date: 5.JAN.2018 10:47:35

Highest Channel / 16QAM



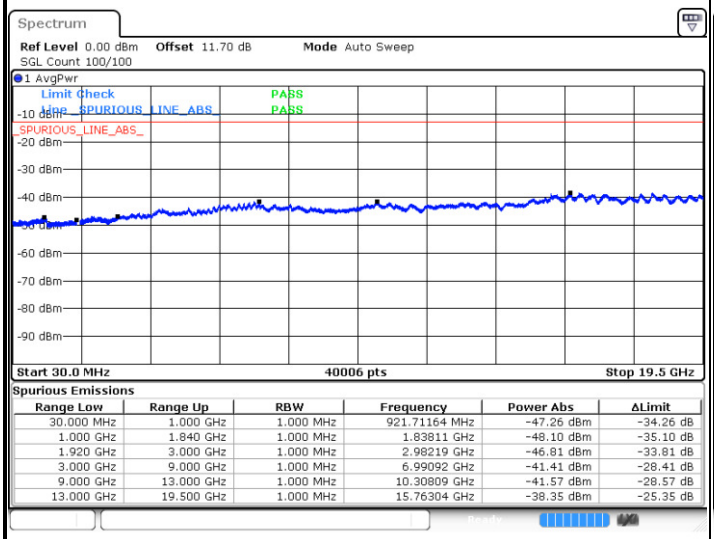
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	879.53773 MHz	-47.34 dBm	-34.34 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.67985 GHz	-48.22 dBm	-35.22 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99946 GHz	-46.87 dBm	-33.87 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98942 GHz	-41.34 dBm	-28.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.34008 GHz	-41.55 dBm	-28.55 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76904 GHz	-37.93 dBm	-24.93 dB

Date: 5.JAN.2018 10:48:29

LTE Band 2 / 1.4MHz

Lowest Channel / 64QAM

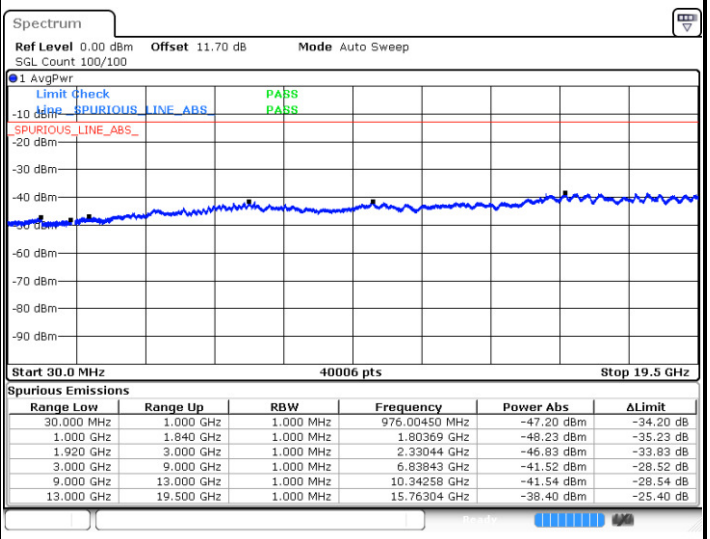


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.71164 MHz	-47.26 dBm	-34.26 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-48.10 dBm	-35.10 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98219 GHz	-46.81 dBm	-33.81 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-41.41 dBm	-28.41 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30809 GHz	-41.57 dBm	-28.57 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76304 GHz	-38.35 dBm	-25.35 dB

Date: 31.JAN.2018 21:30:40

Middle Channel / 64QAM

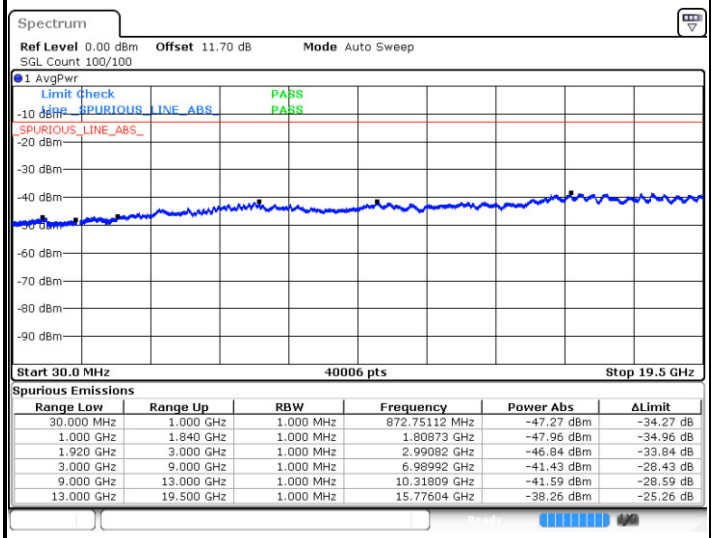


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-47.20 dBm	-34.20 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80369 GHz	-48.23 dBm	-35.23 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.33044 GHz	-46.83 dBm	-33.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.83843 GHz	-41.52 dBm	-28.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.34258 GHz	-41.54 dBm	-28.54 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76304 GHz	-38.40 dBm	-25.40 dB

Date: 31.JAN.2018 21:31:54

Highest Channel / 64QAM



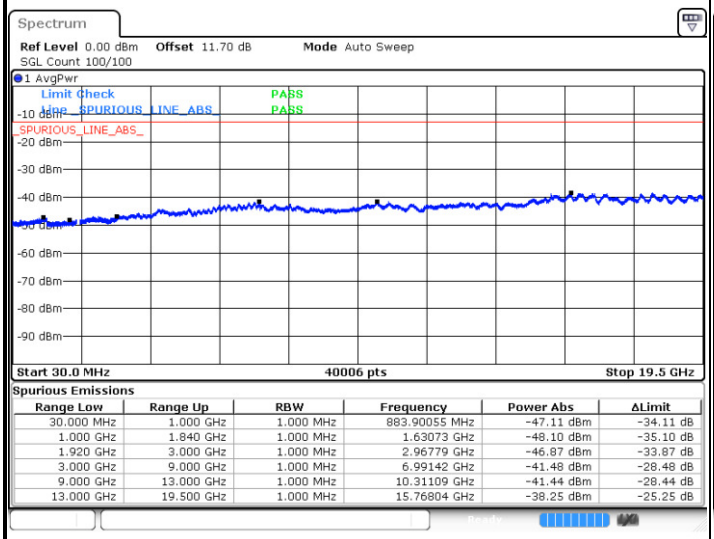
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	872.75112 MHz	-47.27 dBm	-34.27 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80873 GHz	-47.96 dBm	-34.96 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99082 GHz	-46.84 dBm	-33.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98992 GHz	-41.43 dBm	-28.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31809 GHz	-41.59 dBm	-28.59 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77604 GHz	-38.26 dBm	-25.26 dB

Date: 31.JAN.2018 21:35:26

LTE Band 2 / 3MHz

Lowest Channel / 64QAM

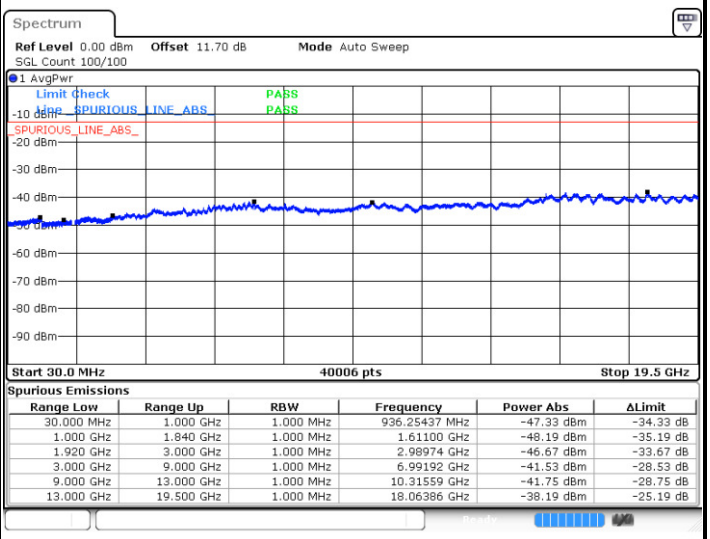


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	883.90055 MHz	-47.11 dBm	-34.11 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.63073 GHz	-48.10 dBm	-35.10 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96779 GHz	-46.87 dBm	-33.87 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99142 GHz	-41.48 dBm	-28.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31109 GHz	-41.44 dBm	-28.44 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76804 GHz	-38.25 dBm	-25.25 dB

Date: 31.JAN.2018 20:49:15

Middle Channel / 64QAM

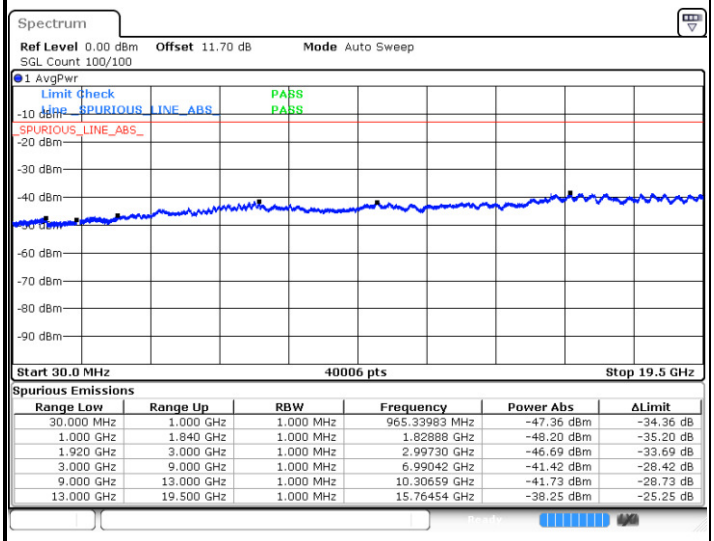


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.25437 MHz	-47.33 dBm	-34.33 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.61100 GHz	-48.19 dBm	-35.19 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98974 GHz	-46.67 dBm	-33.67 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99192 GHz	-41.53 dBm	-28.53 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31559 GHz	-41.75 dBm	-28.75 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06386 GHz	-38.19 dBm	-25.19 dB

Date: 31.JAN.2018 20:50:29

Highest Channel / 64QAM



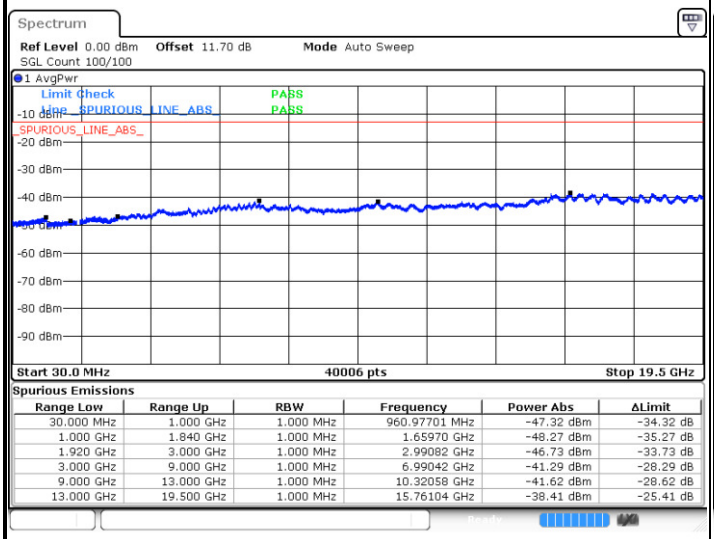
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.33983 MHz	-47.36 dBm	-34.36 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82888 GHz	-48.20 dBm	-35.20 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99730 GHz	-46.69 dBm	-33.69 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.42 dBm	-28.42 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30659 GHz	-41.73 dBm	-28.73 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76454 GHz	-38.25 dBm	-25.25 dB

Date: 31.JAN.2018 20:54:01

LTE Band 2 / 5MHz

Lowest Channel / 64QAM

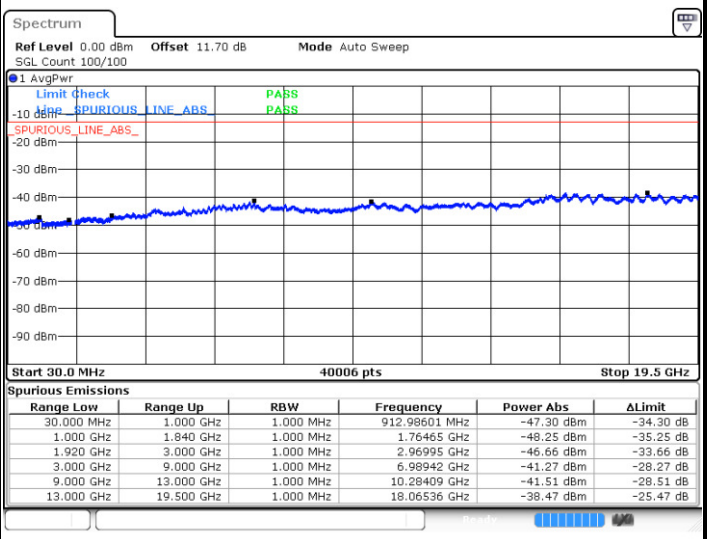


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.97701 MHz	-47.32 dBm	-34.32 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65970 GHz	-48.27 dBm	-35.27 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99082 GHz	-46.73 dBm	-33.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.29 dBm	-28.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32058 GHz	-41.62 dBm	-28.62 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76104 GHz	-38.41 dBm	-25.41 dB

Date: 31.JAN.2018 20:57:32

Middle Channel / 64QAM

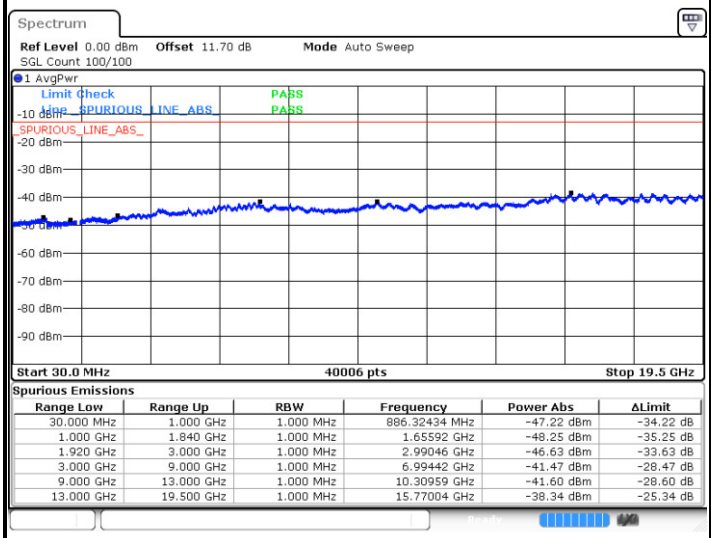


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.98601 MHz	-47.30 dBm	-34.30 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.76465 GHz	-48.25 dBm	-35.25 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96995 GHz	-46.66 dBm	-33.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98942 GHz	-41.27 dBm	-28.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.28409 GHz	-41.51 dBm	-28.51 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06536 GHz	-38.47 dBm	-25.47 dB

Date: 31.JAN.2018 20:58:46

Highest Channel / 64QAM



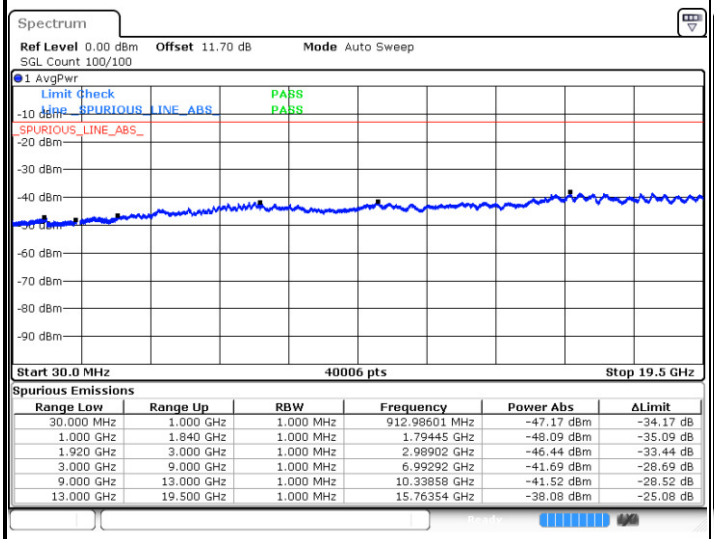
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	886.32434 MHz	-47.22 dBm	-34.22 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65592 GHz	-48.25 dBm	-35.25 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99046 GHz	-46.63 dBm	-33.63 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99442 GHz	-41.47 dBm	-28.47 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30959 GHz	-41.60 dBm	-28.60 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77004 GHz	-38.34 dBm	-25.34 dB

Date: 31.JAN.2018 21:02:18

LTE Band 2 / 10MHz

Lowest Channel / 64QAM

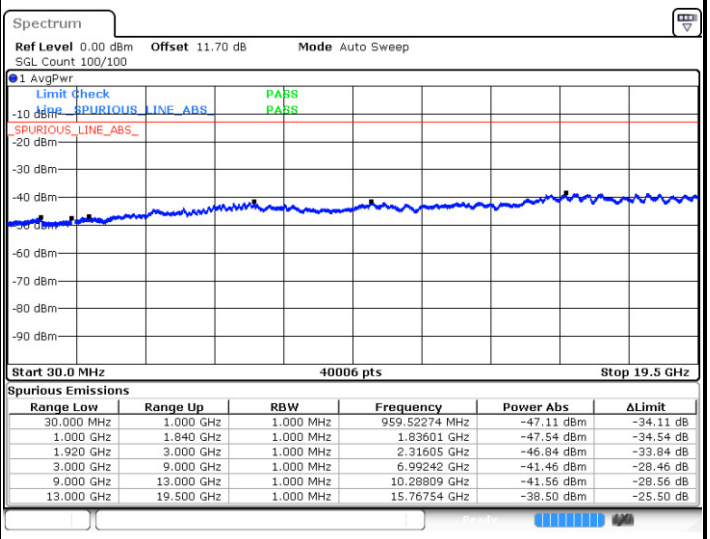


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.98601 MHz	-47.17 dBm	-34.17 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79445 GHz	-48.09 dBm	-35.09 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98902 GHz	-46.44 dBm	-33.44 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99292 GHz	-41.69 dBm	-28.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.33858 GHz	-41.52 dBm	-28.52 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76354 GHz	-38.08 dBm	-25.08 dB

Date: 31.JAN.2018 21:05:49

Middle Channel / 64QAM

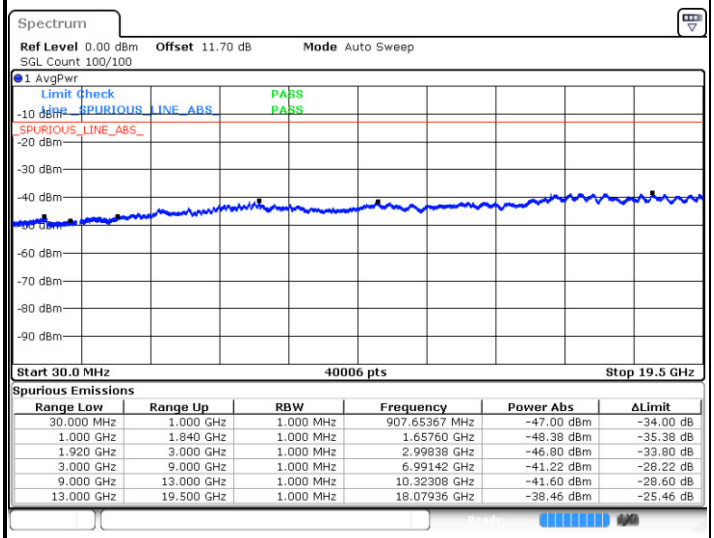


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.52274 MHz	-47.11 dBm	-34.11 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83601 GHz	-47.54 dBm	-34.54 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.31605 GHz	-46.84 dBm	-33.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99242 GHz	-41.46 dBm	-28.46 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.28809 GHz	-41.56 dBm	-28.56 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76754 GHz	-38.50 dBm	-25.50 dB

Date: 31.JAN.2018 21:07:03

Highest Channel / 64QAM



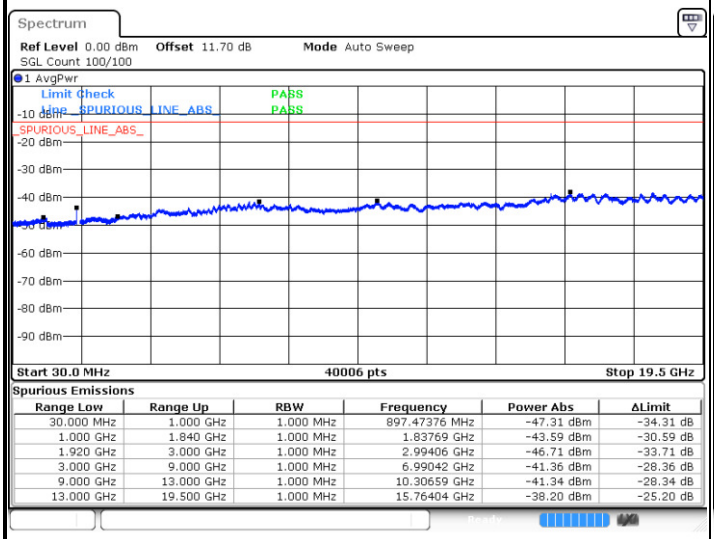
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	907.65367 MHz	-47.00 dBm	-34.00 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65760 GHz	-48.38 dBm	-35.38 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99838 GHz	-46.80 dBm	-33.80 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99142 GHz	-41.22 dBm	-28.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32308 GHz	-41.60 dBm	-28.60 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07936 GHz	-38.46 dBm	-25.46 dB

Date: 31.JAN.2018 21:10:35

LTE Band 2 / 15MHz

Lowest Channel / 64QAM

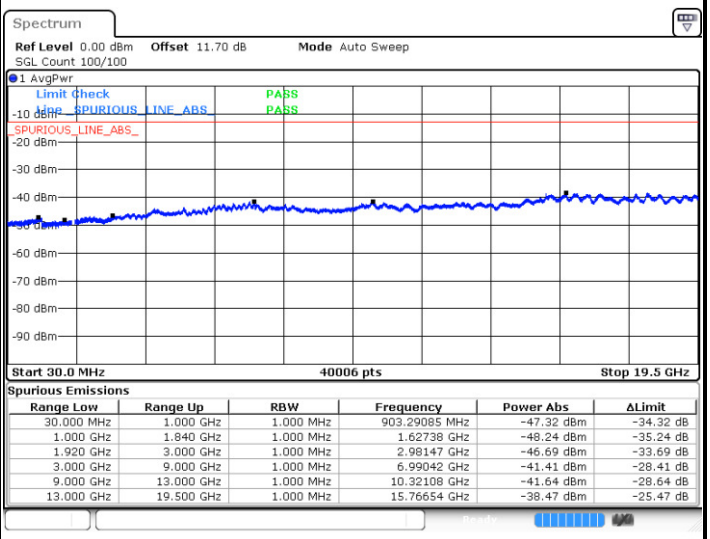


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.47376 MHz	-47.31 dBm	-34.31 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-43.59 dBm	-30.59 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99406 GHz	-46.71 dBm	-33.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.36 dBm	-28.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30659 GHz	-41.34 dBm	-28.34 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76404 GHz	-38.20 dBm	-25.20 dB

Date: 31.JAN.2018 21:14:06

Middle Channel / 64QAM

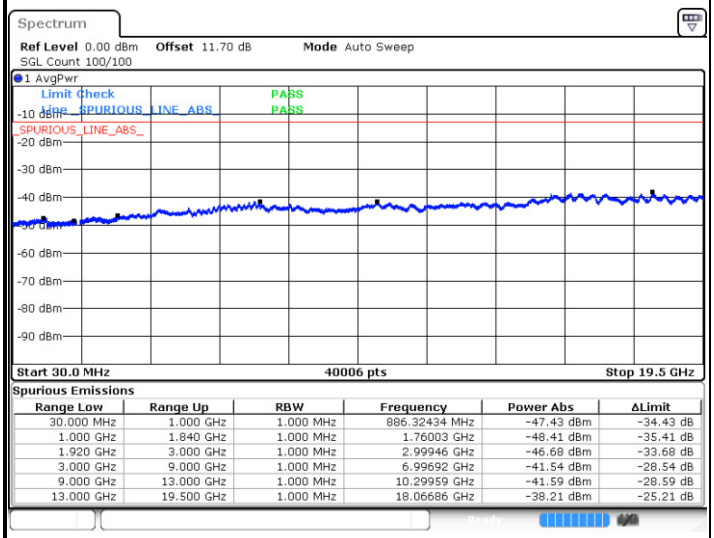


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.29085 MHz	-47.32 dBm	-34.32 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62738 GHz	-48.24 dBm	-35.24 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98147 GHz	-46.69 dBm	-33.69 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.41 dBm	-28.41 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32108 GHz	-41.64 dBm	-28.64 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76654 GHz	-38.47 dBm	-25.47 dB

Date: 31.JAN.2018 21:15:20

Highest Channel / 64QAM



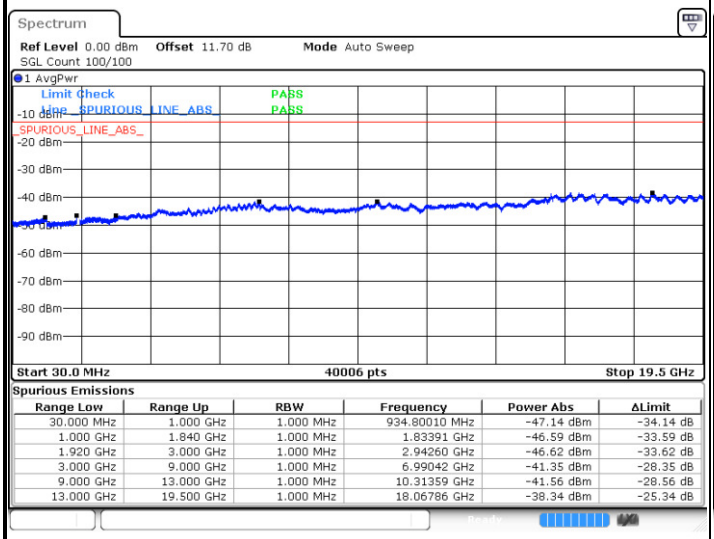
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	886.32434 MHz	-47.43 dBm	-34.43 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.76003 GHz	-48.41 dBm	-35.41 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99946 GHz	-46.68 dBm	-33.68 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99692 GHz	-41.54 dBm	-28.54 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.29959 GHz	-41.59 dBm	-28.59 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06686 GHz	-38.21 dBm	-25.21 dB

Date: 31.JAN.2018 21:18:52

LTE Band 2 / 20MHz

Lowest Channel / 64QAM

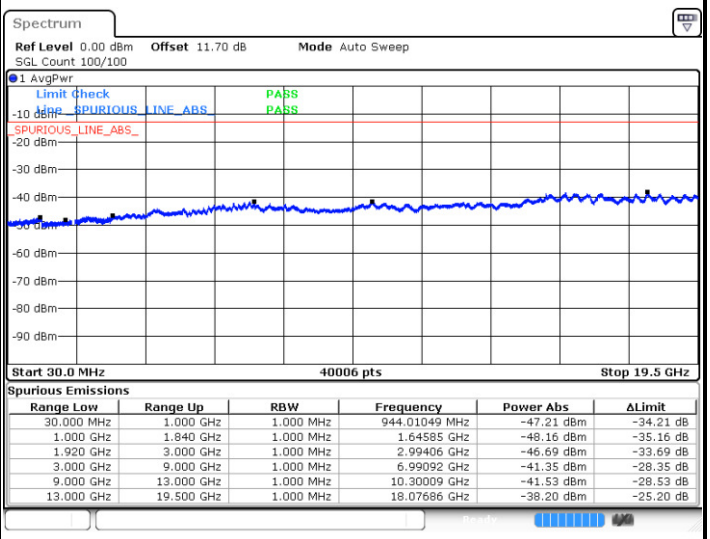


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	934.80010 MHz	-47.14 dBm	-34.14 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83391 GHz	-46.59 dBm	-33.59 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.94260 GHz	-46.62 dBm	-33.62 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.35 dBm	-28.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31359 GHz	-41.56 dBm	-28.56 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06786 GHz	-38.34 dBm	-25.34 dB

Date: 31.JAN.2018 21:22:23

Middle Channel / 64QAM

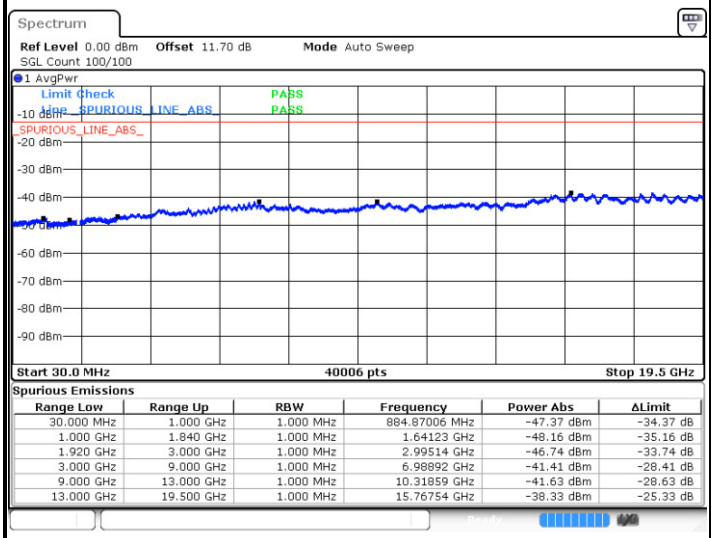


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.01049 MHz	-47.21 dBm	-34.21 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.64585 GHz	-48.16 dBm	-35.16 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99406 GHz	-46.69 dBm	-33.69 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-41.35 dBm	-28.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30009 GHz	-41.53 dBm	-28.53 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07686 GHz	-38.20 dBm	-25.20 dB

Date: 31.JAN.2018 21:23:37

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	884.87006 MHz	-47.37 dBm	-34.37 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.64123 GHz	-48.16 dBm	-35.16 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99514 GHz	-46.74 dBm	-33.74 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98892 GHz	-41.41 dBm	-28.41 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31859 GHz	-41.63 dBm	-28.63 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76754 GHz	-38.33 dBm	-25.33 dB

Date: 31.JAN.2018 21:27:09

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

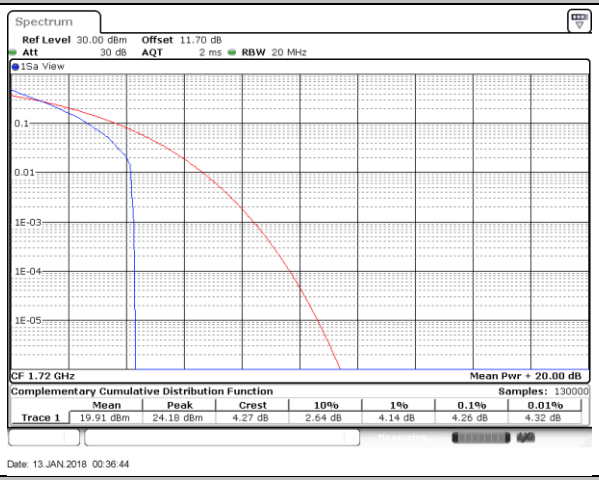
LTE Band 4

Peak-to-Average Ratio

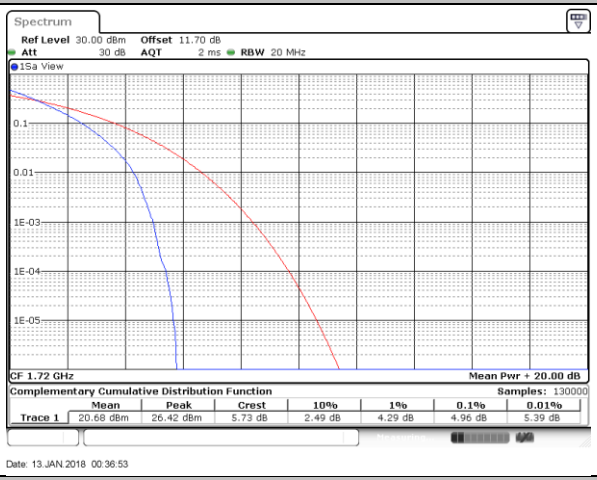
Mode	LTE Band 4 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.26	4.96	4.81	5.77	PASS
Middle CH	4.55	4.9	5.1	5.86	
Highest CH	4.38	4.96	5.19	5.8	
Mode	LTE Band 4 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	4.67	6.20	-	-	PASS
Middle CH	5.80	6.12	-	-	
Highest CH	5.39	6.23	-	-	

LTE Band 4 / 20MHz / QPSK

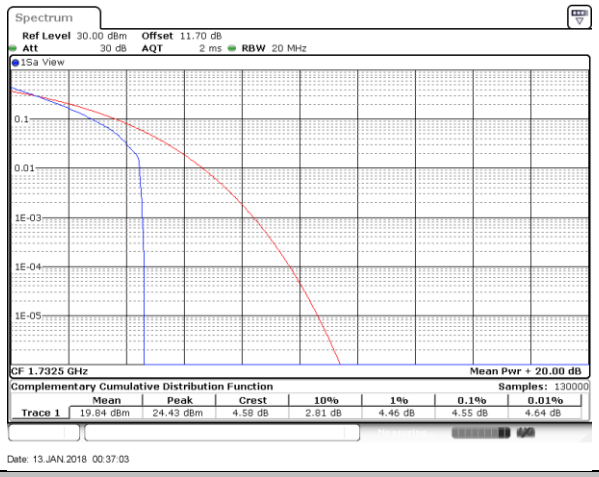
Lowest Channel / 1RB



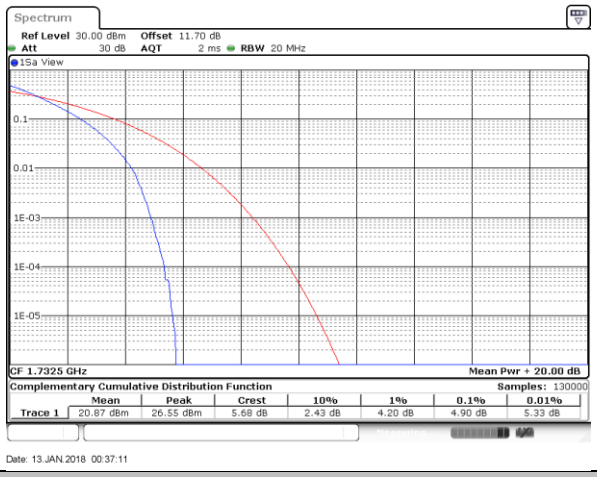
Lowest Channel / Full RB



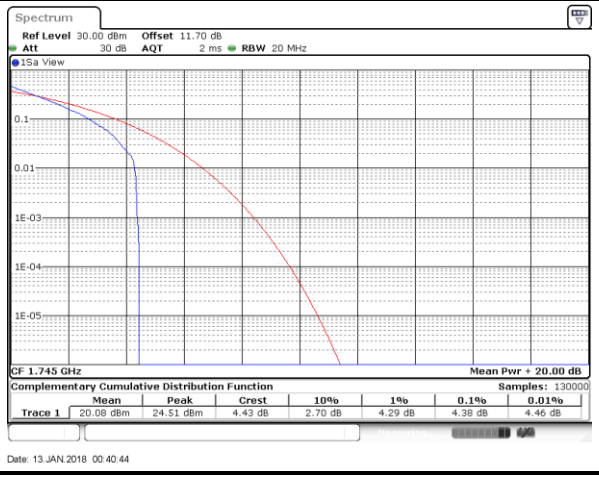
Middle Channel / 1RB



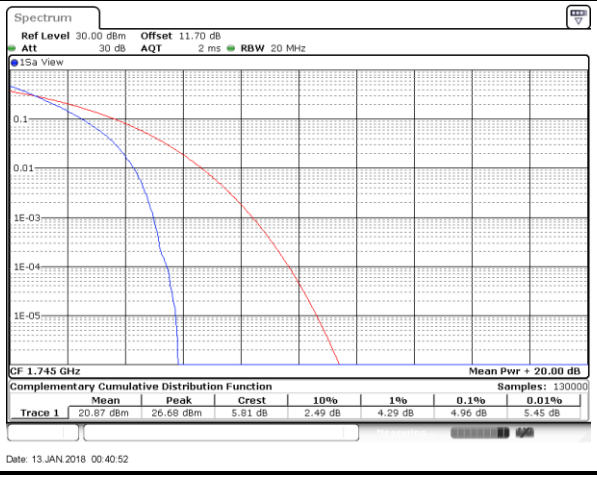
Middle Channel / Full RB



Highest Channel / 1RB

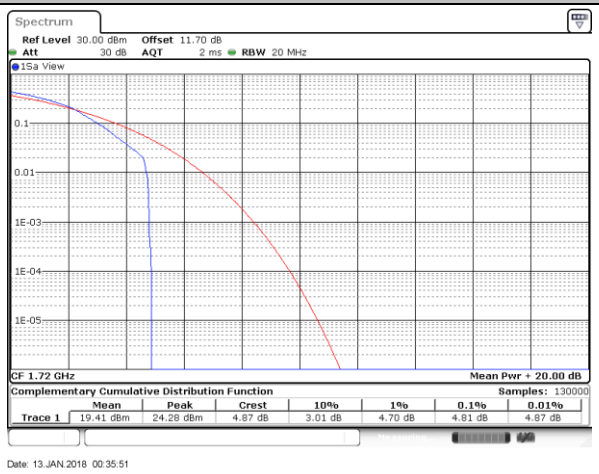


Highest Channel / Full RB

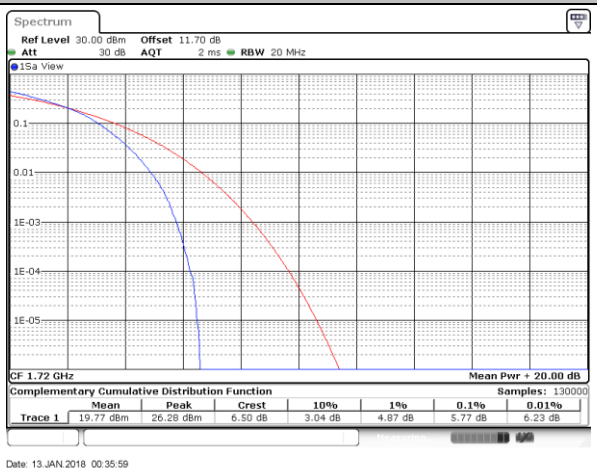


LTE Band 4 / 20MHz / 16QAM

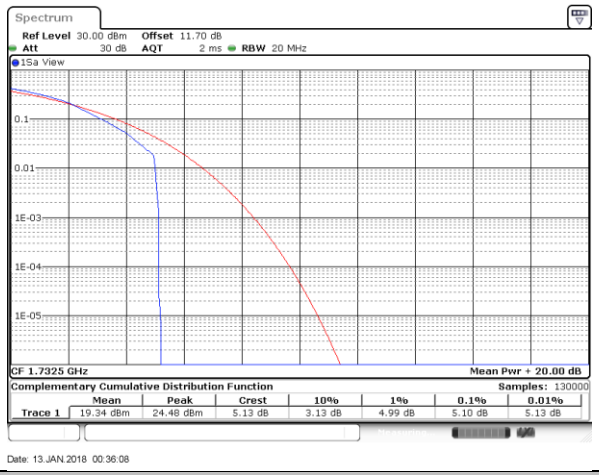
Lowest Channel / 1RB



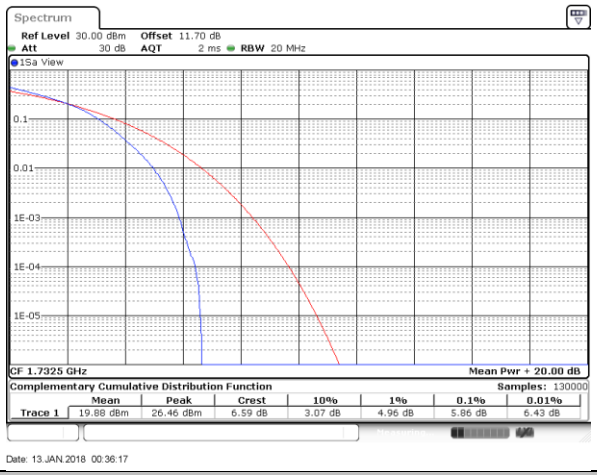
Lowest Channel / Full RB



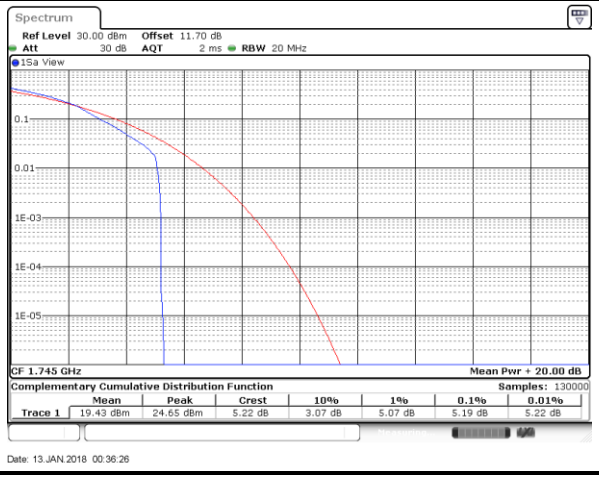
Middle Channel / 1RB



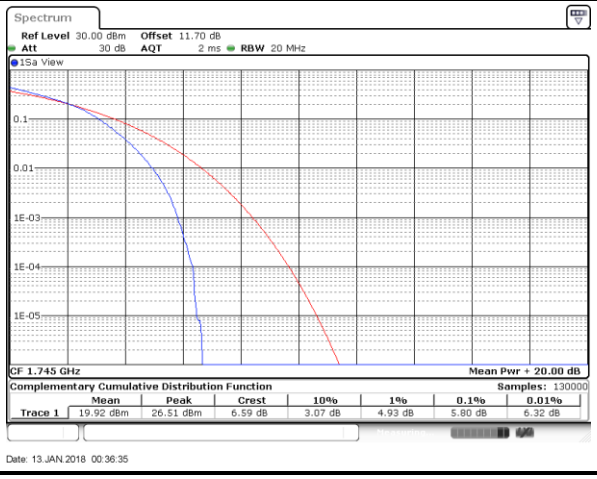
Middle Channel / Full RB



Highest Channel / 1RB

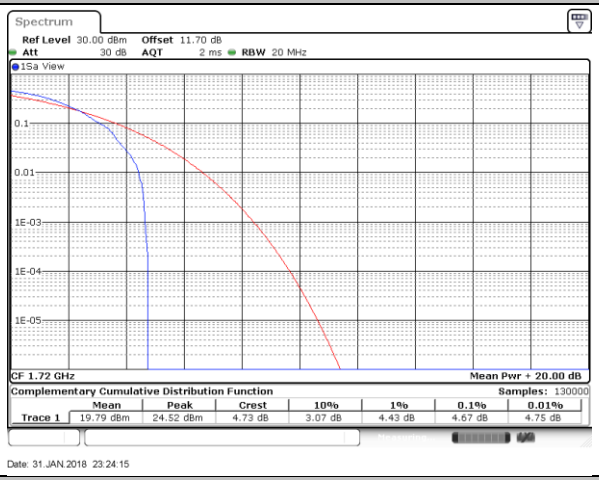


Highest Channel / Full RB

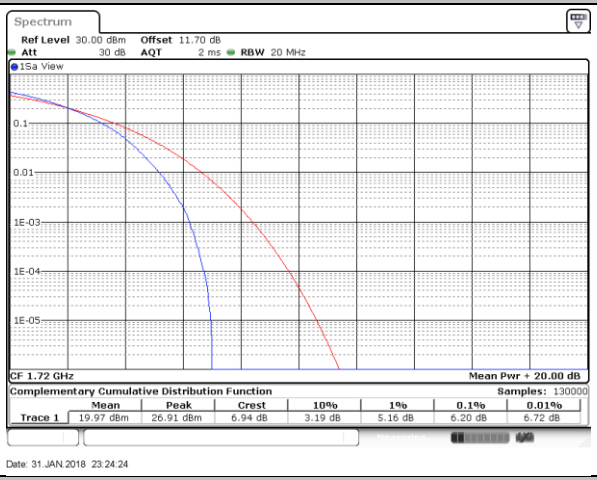


LTE Band 4 / 20MHz / 64QAM

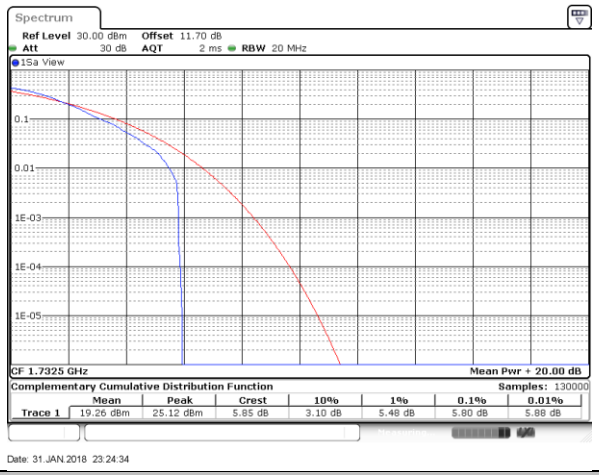
Lowest Channel / 1RB



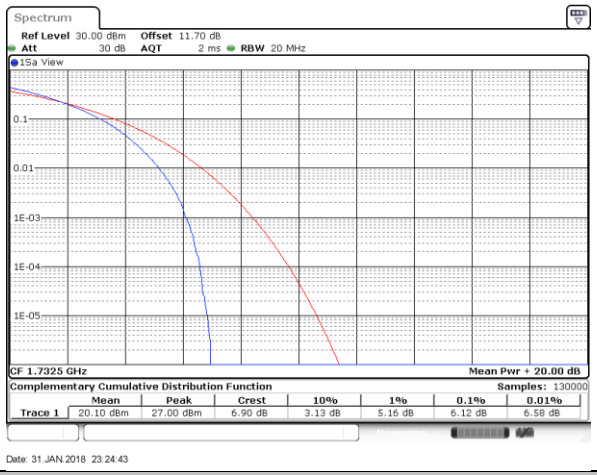
Lowest Channel / Full RB



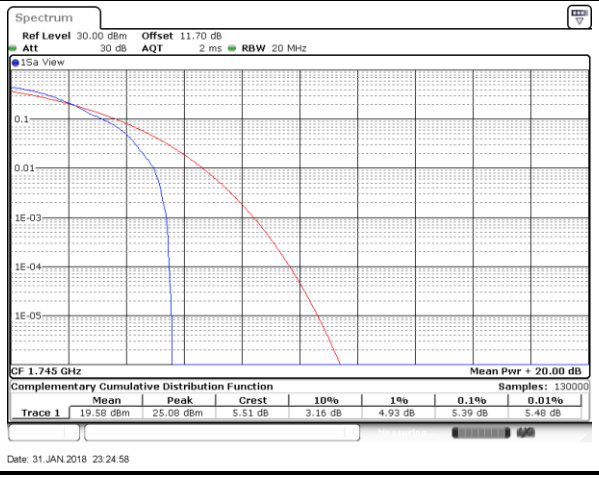
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



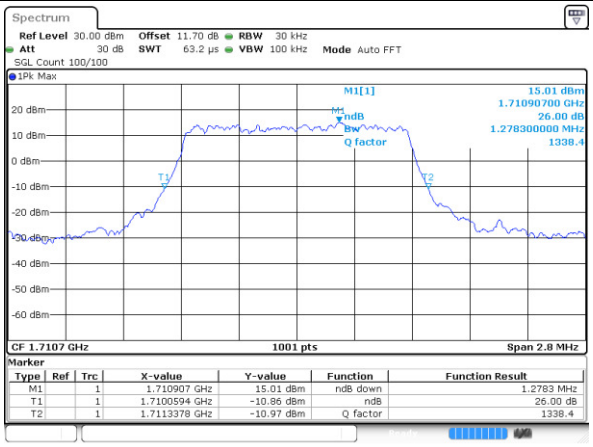
Highest Channel / Full RB

26dB Bandwidth

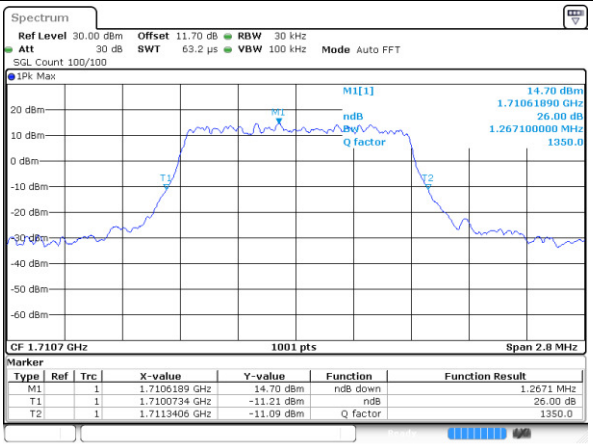
Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.28	1.27	3.03	3.01	4.83	4.85	9.93	9.73	14.24	14.39	20.14	20.22
Middle CH	1.28	1.26	3.02	3.01	4.94	4.92	9.75	9.79	14.39	14.30	20.14	20.34
Highest CH	1.26	1.28	3.02	3.01	4.99	4.88	9.87	9.75	14.66	14.24	20.34	20.18
Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.30	-	3.01	-	4.90	-	10.03	-	14.39	-	20.22	-
Middle CH	1.28	-	2.97	-	4.97	-	9.91	-	14.48	-	20.10	-
Highest CH	1.28	-	3.02	-	4.88	-	9.83	-	14.39	-	20.14	-

LTE Band 4

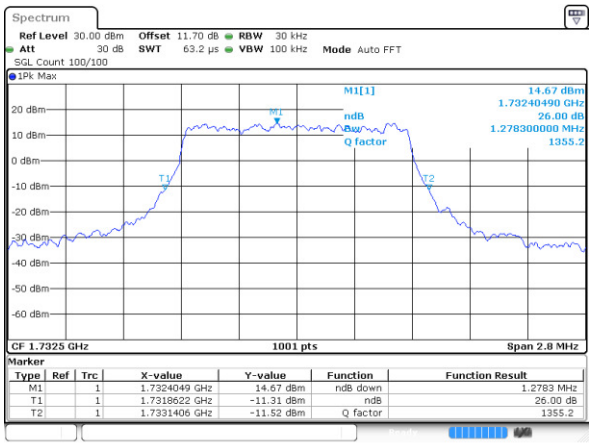
Lowest Channel / 1.4MHz / QPSK



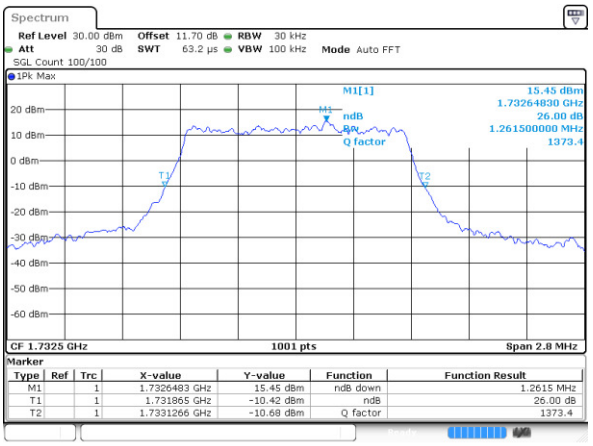
Lowest Channel / 1.4MHz / 16QAM



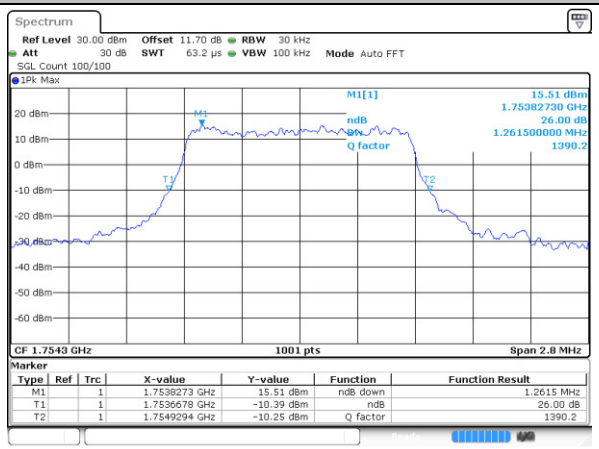
Middle Channel / 1.4MHz / QPSK



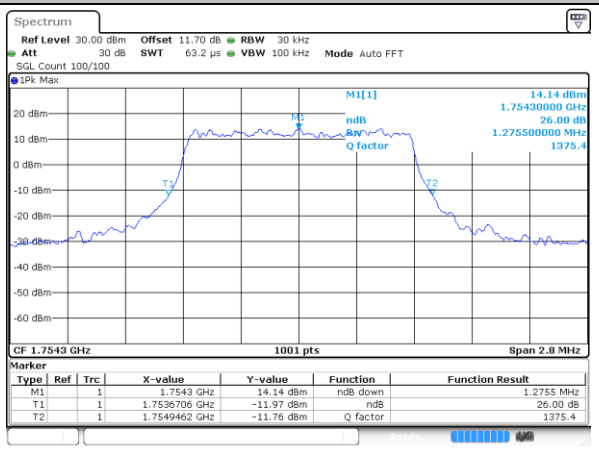
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

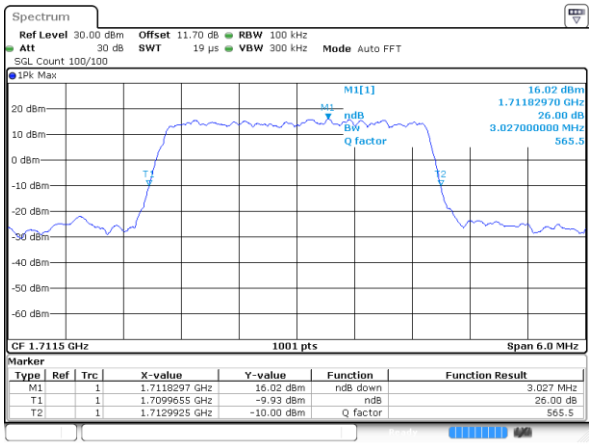


Highest Channel / 1.4MHz / 16QAM

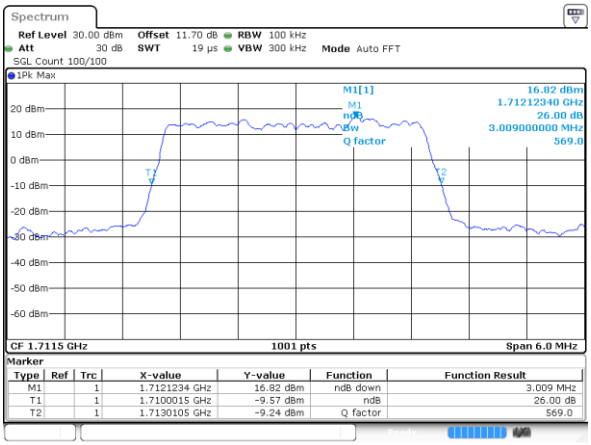


LTE Band 4

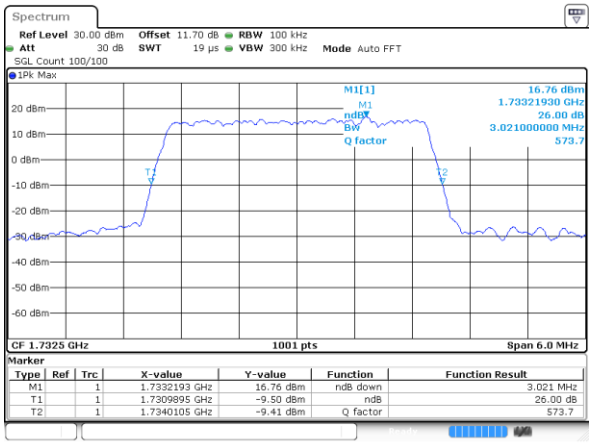
Lowest Channel / 3MHz / QPSK



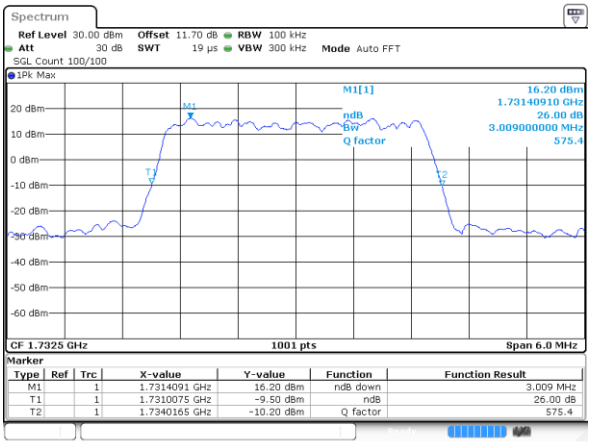
Lowest Channel / 3MHz / 16QAM



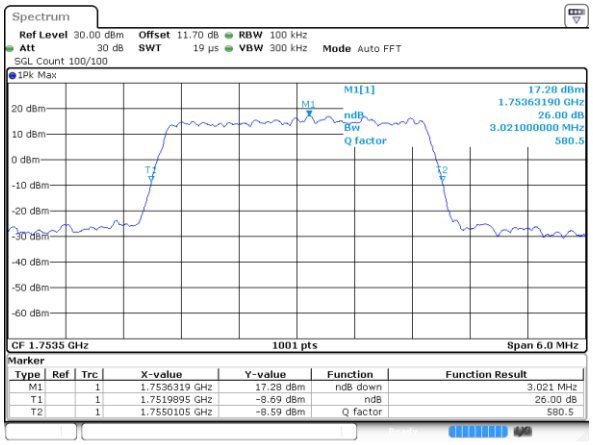
Middle Channel / 3MHz / QPSK



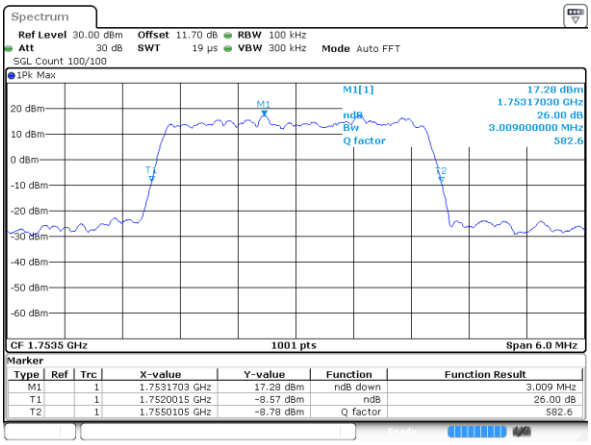
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

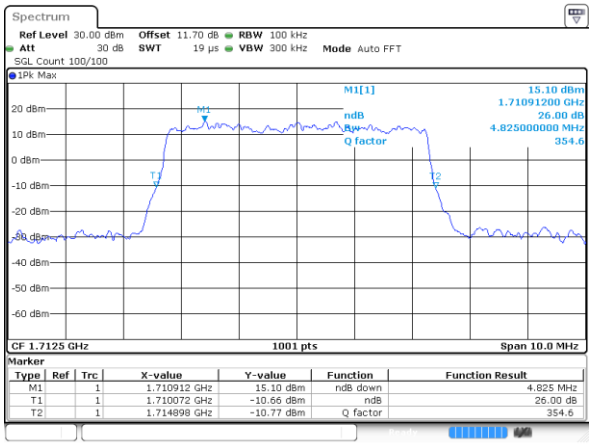


Highest Channel / 3MHz / 16QAM

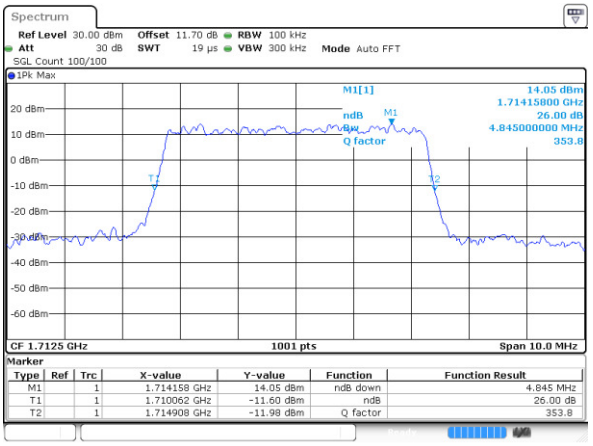


LTE Band 4

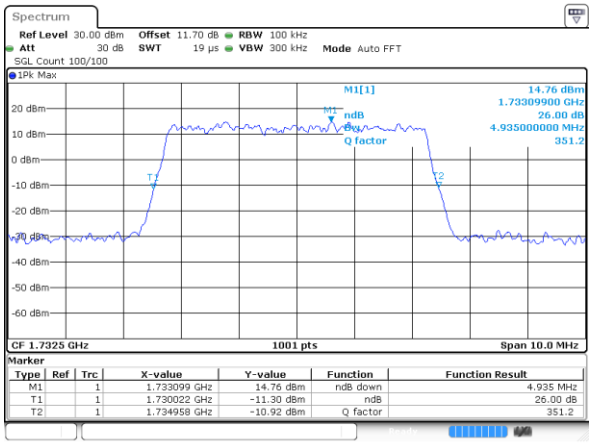
Lowest Channel / 5MHz / QPSK



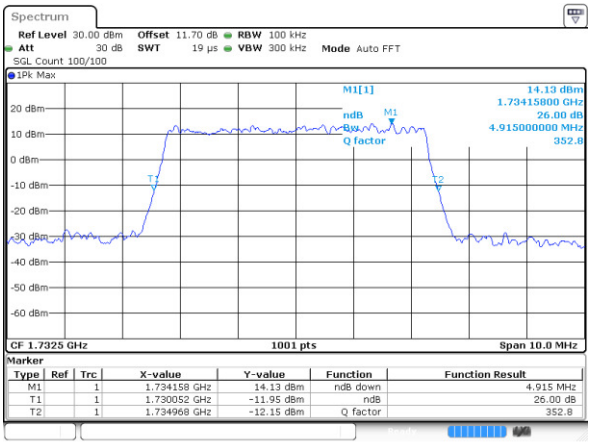
Lowest Channel / 5MHz / 16QAM



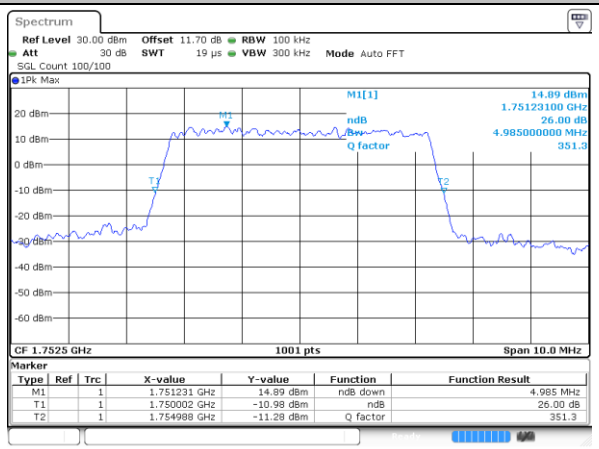
Middle Channel / 5MHz / QPSK



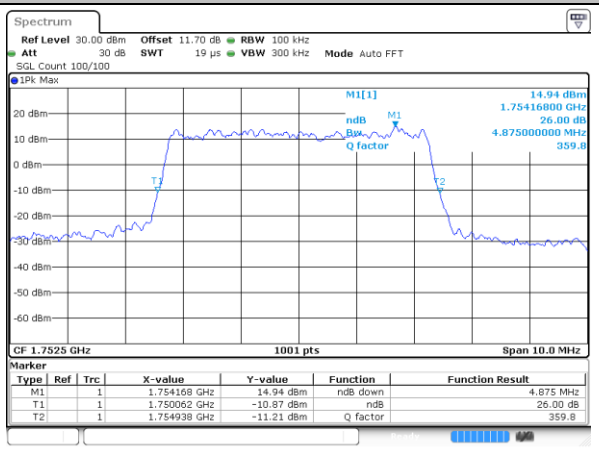
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

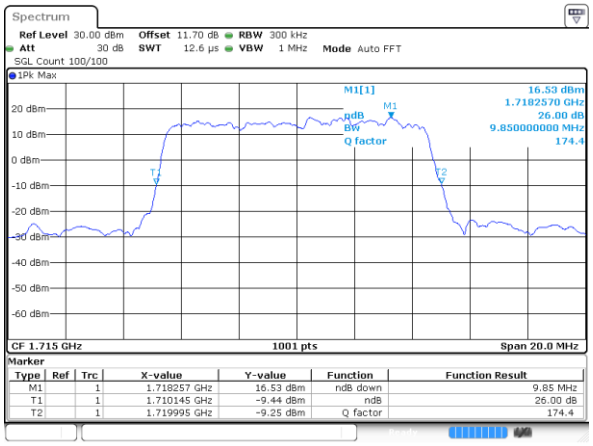


Highest Channel / 5MHz / 16QAM

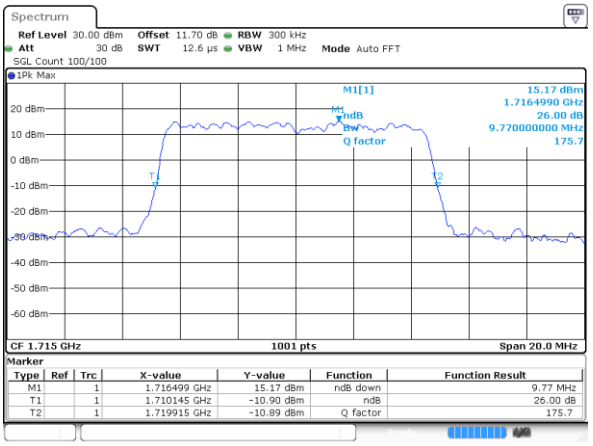


LTE Band 4

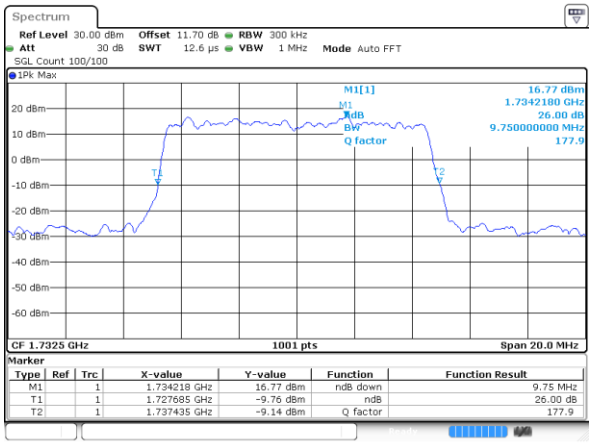
Lowest Channel / 10MHz / QPSK



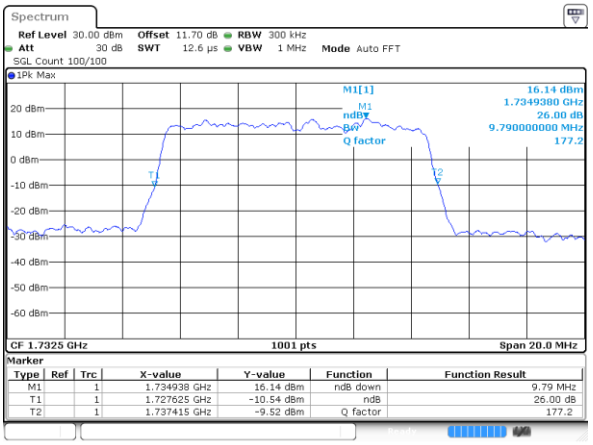
Lowest Channel / 10MHz / 16QAM



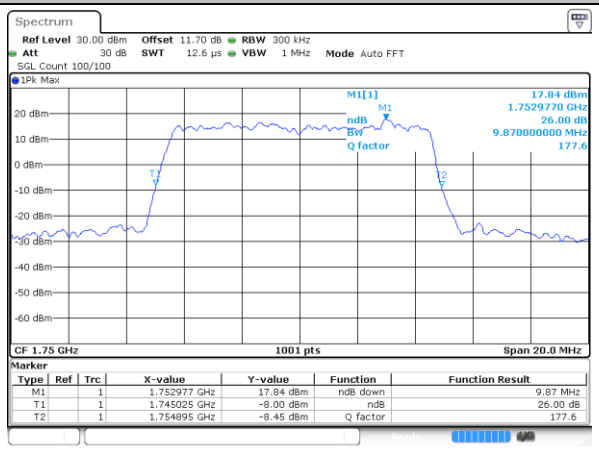
Middle Channel / 10MHz / QPSK



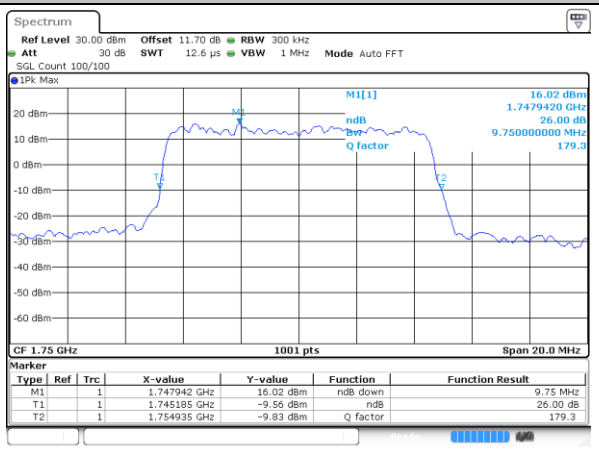
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

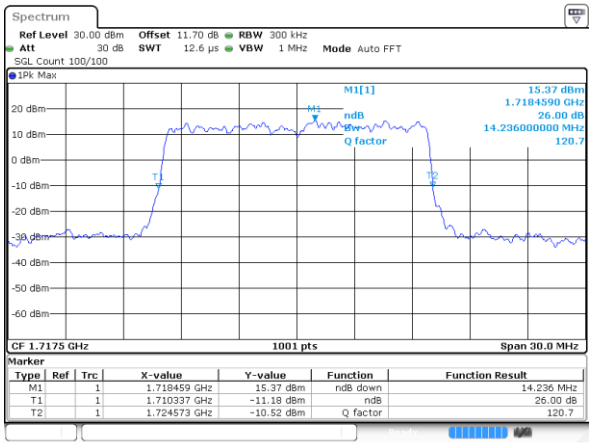


Highest Channel / 10MHz / 16QAM

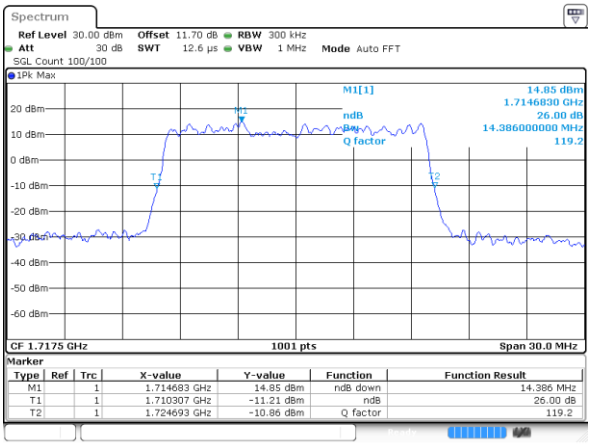


LTE Band 4

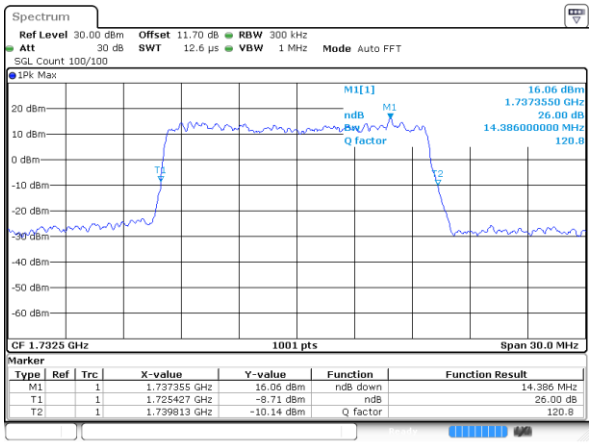
Lowest Channel / 15MHz / QPSK



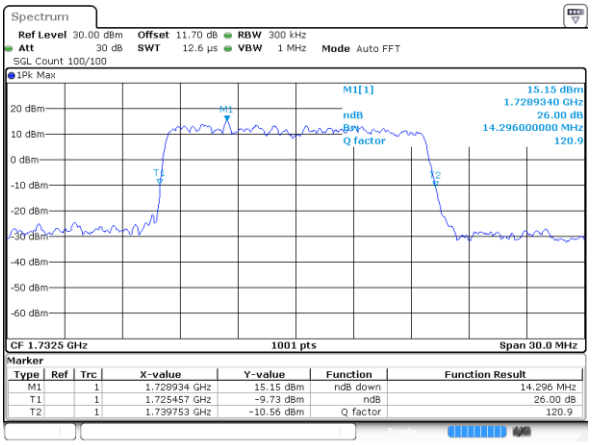
Lowest Channel / 15MHz / 16QAM



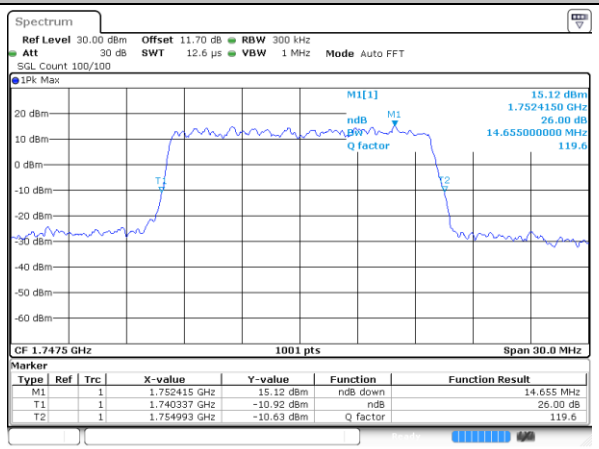
Middle Channel / 15MHz / QPSK



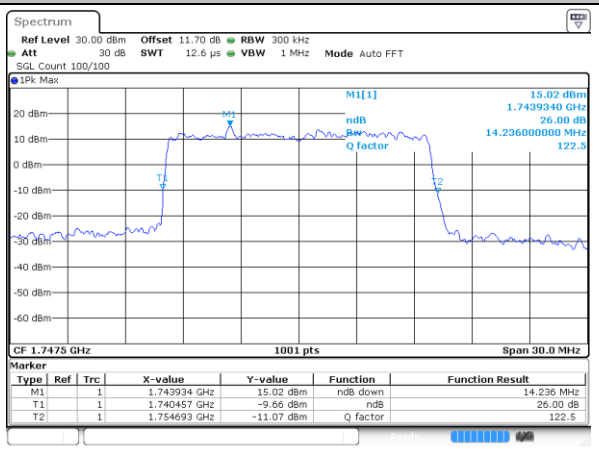
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

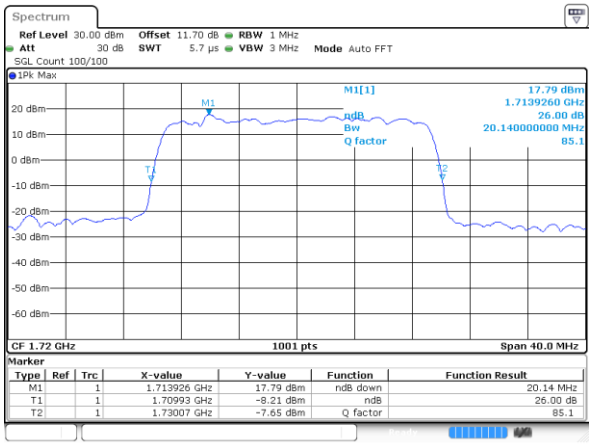


Highest Channel / 15MHz / 16QAM

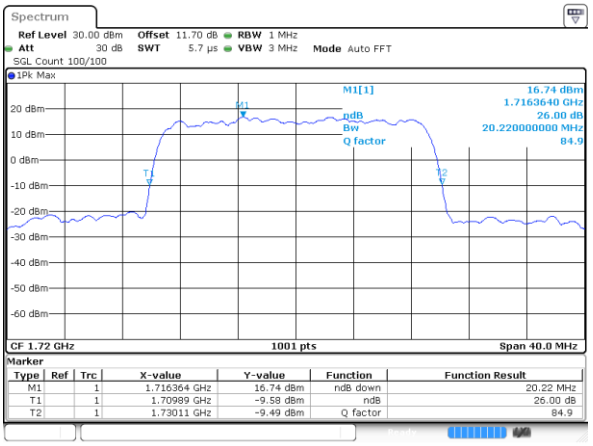


LTE Band 4

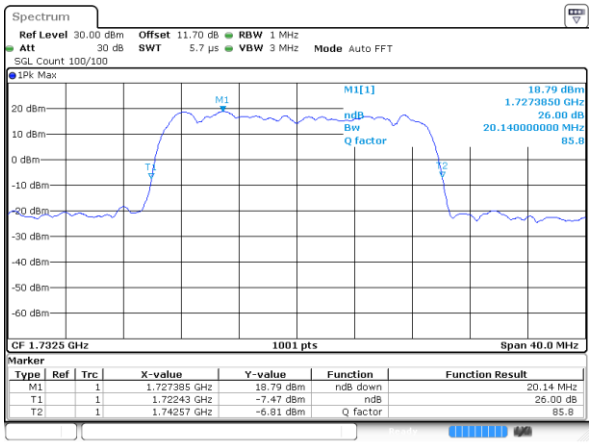
Lowest Channel / 20MHz / QPSK



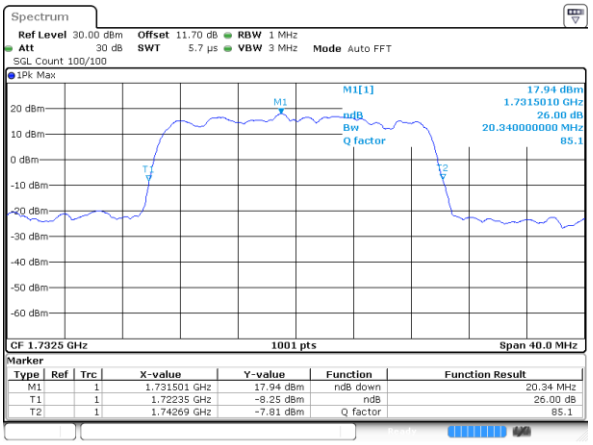
Lowest Channel / 20MHz / 16QAM



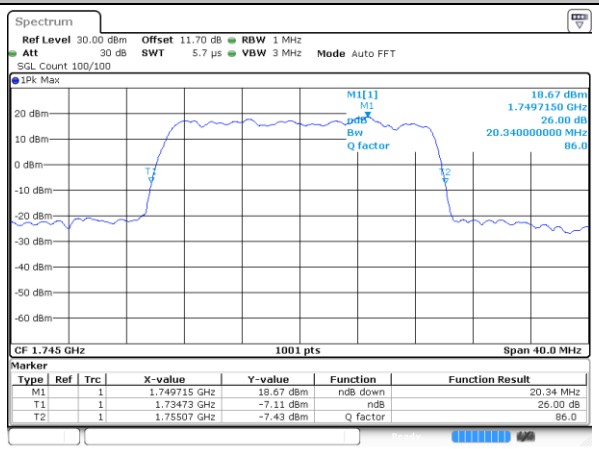
Middle Channel / 20MHz / QPSK



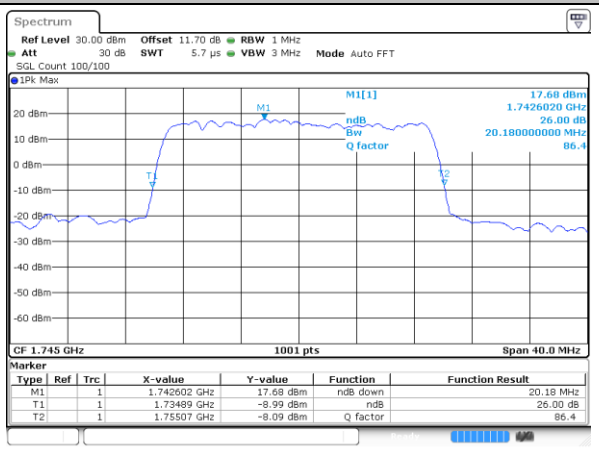
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

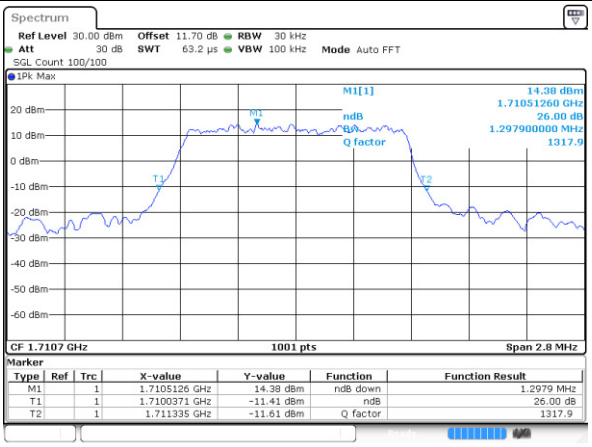


Highest Channel / 20MHz / 16QAM

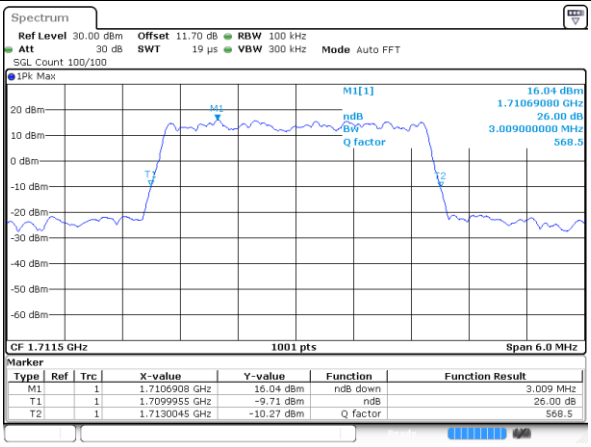


LTE Band 4

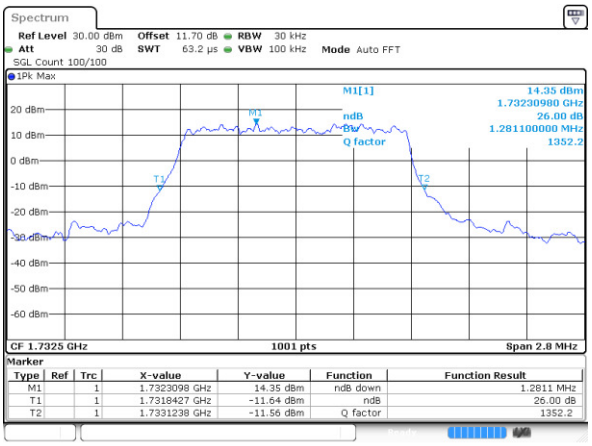
Lowest Channel / 1.4MHz / 64QAM



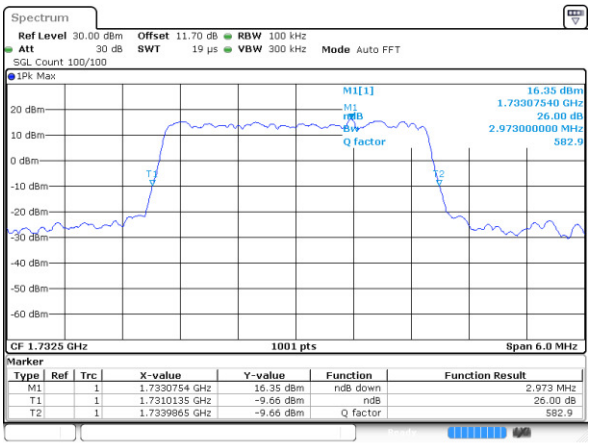
Lowest Channel / 3MHz / 64QAM



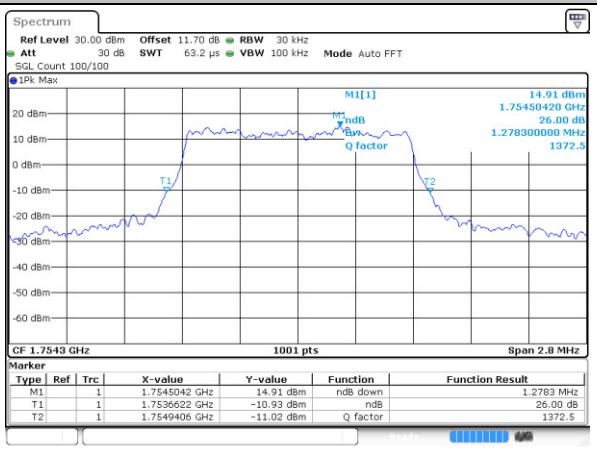
Middle Channel / 1.4MHz / 64QAM



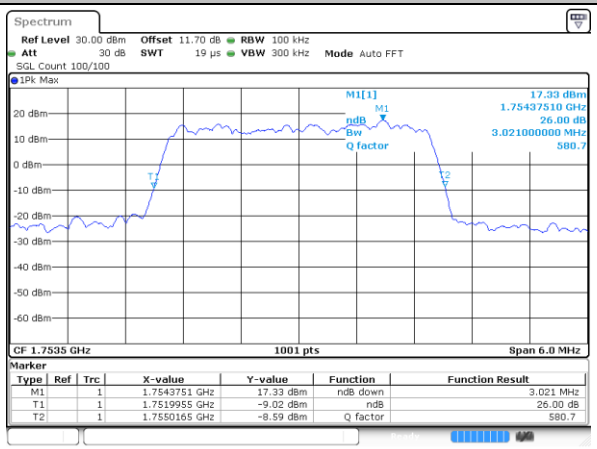
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

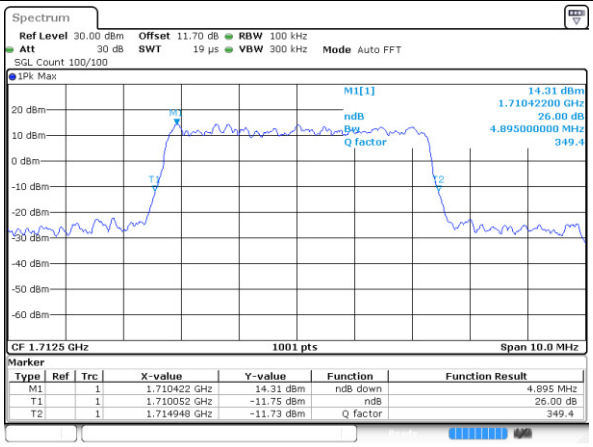


Highest Channel / 3MHz / 64QAM

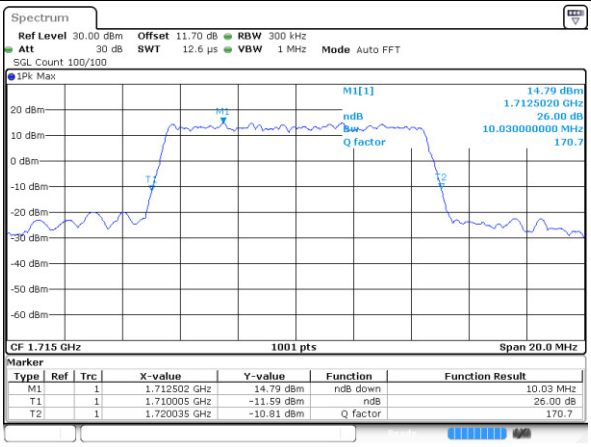


LTE Band 4

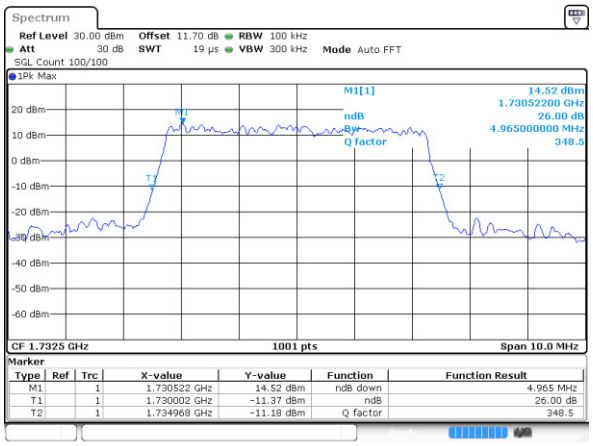
Lowest Channel / 5MHz / 64QAM



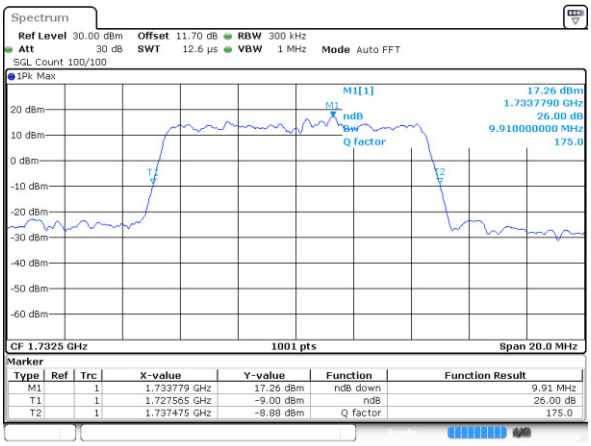
Lowest Channel / 10MHz / 64QAM



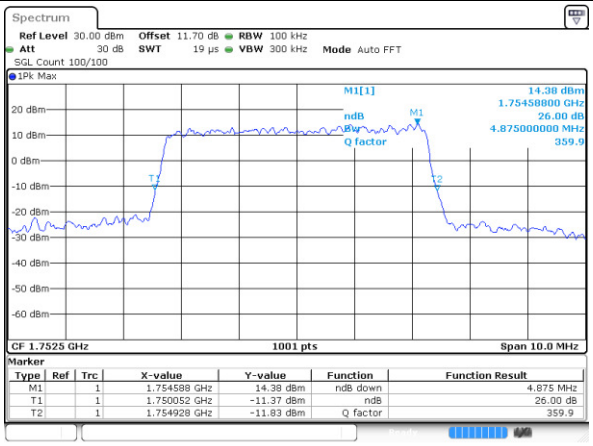
Middle Channel / 5MHz / 64QAM



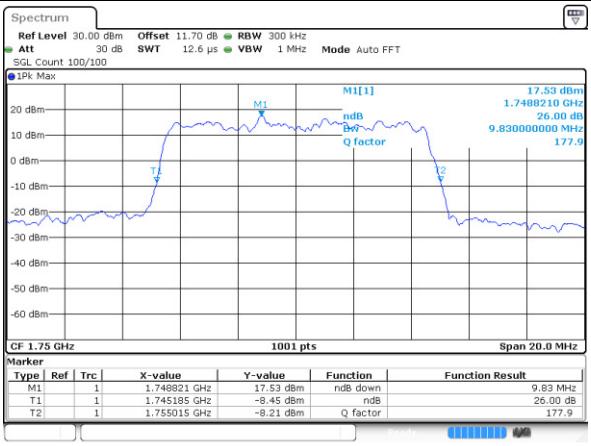
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

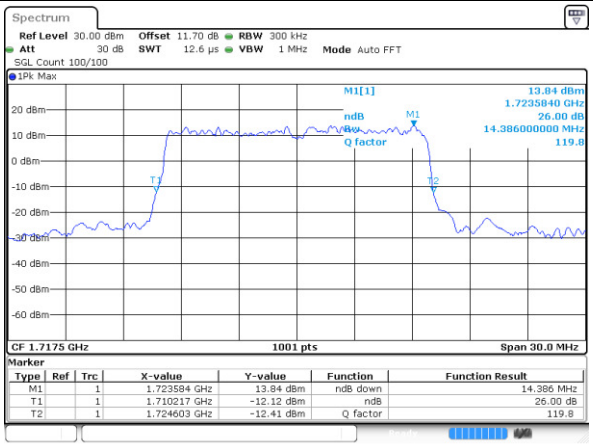


Highest Channel / 10MHz / 64QAM

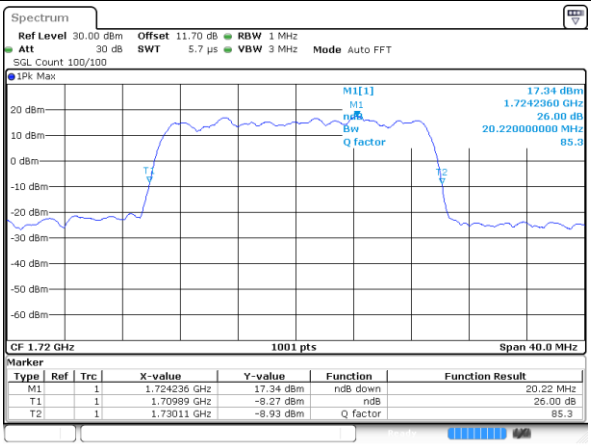


LTE Band 4

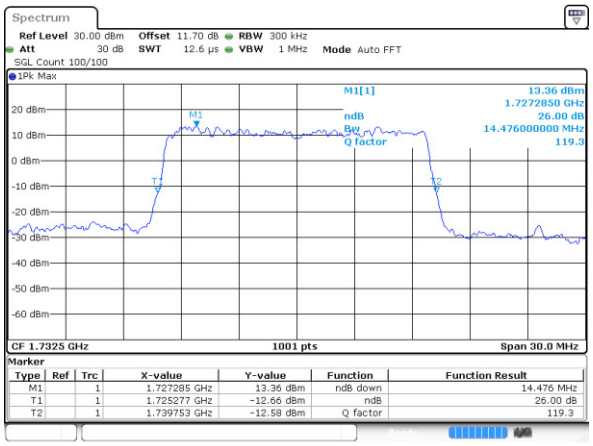
Lowest Channel / 15MHz / 64QAM



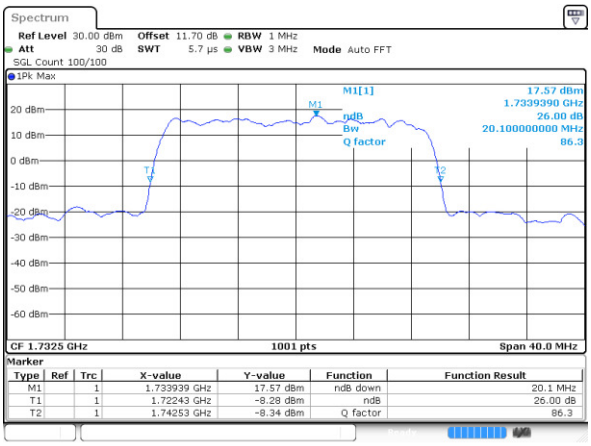
Lowest Channel / 20MHz / 64QAM



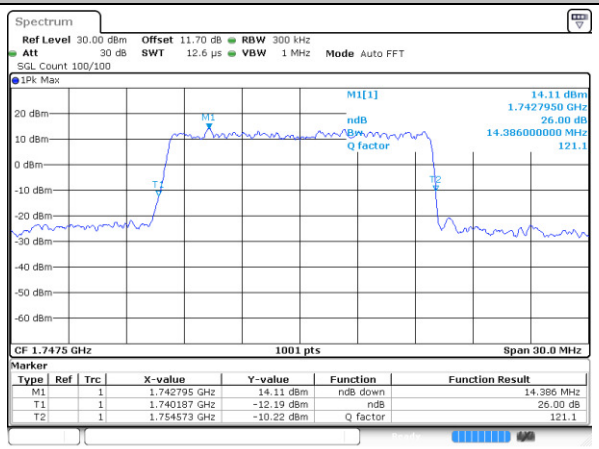
Middle Channel / 15MHz / 64QAM



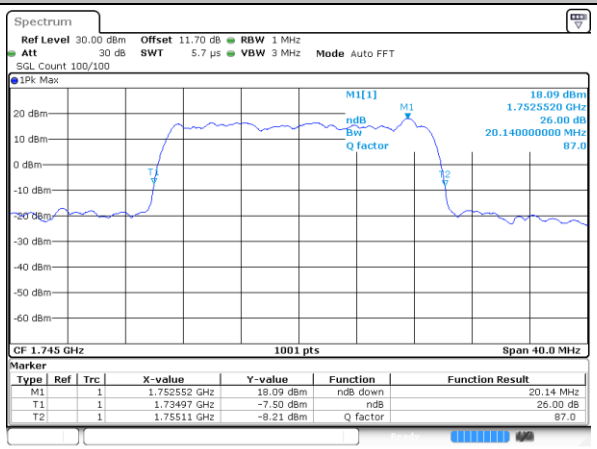
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM

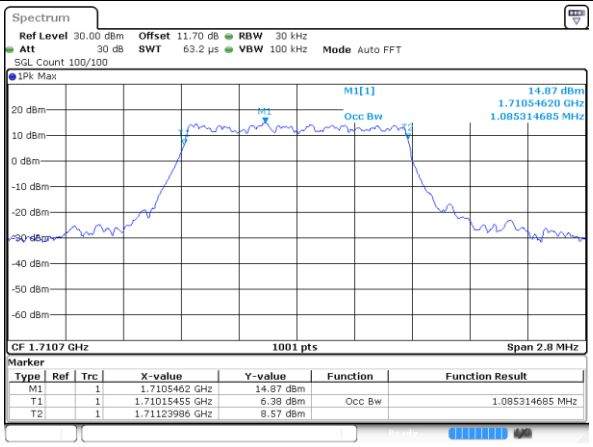


Occupied Bandwidth

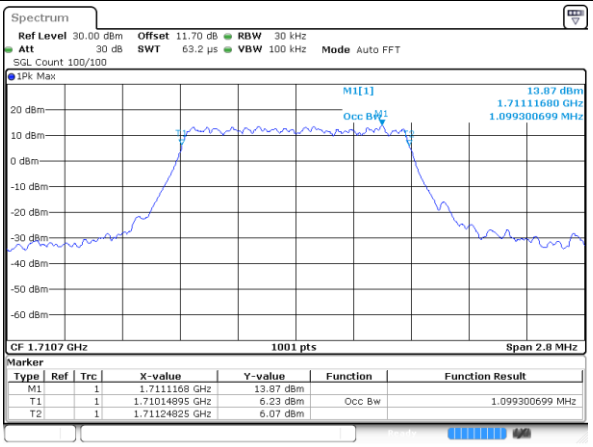
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.10	2.72	2.70	4.51	4.49	8.97	9.03	13.40	13.52	18.34	18.38
Middle CH	1.09	1.09	2.72	2.7	4.51	4.5	9.05	9.03	13.46	13.46	18.42	18.46
Highest CH	1.09	1.09	2.72	2.73	4.5	4.5	9.07	9.01	13.43	13.43	18.42	18.22
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.72	-	4.50	-	9.01	-	13.46	-	18.42	-
Middle CH	1.09	-	2.73	-	4.54	-	9.07	-	13.43	-	18.30	-
Highest CH	1.08	-	2.72	-	4.51	-	9.03	-	13.46	-	18.42	-

LTE Band 4

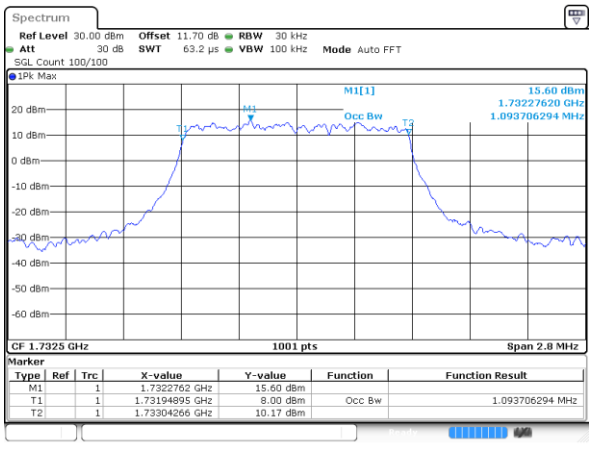
Lowest Channel / 1.4MHz / QPSK



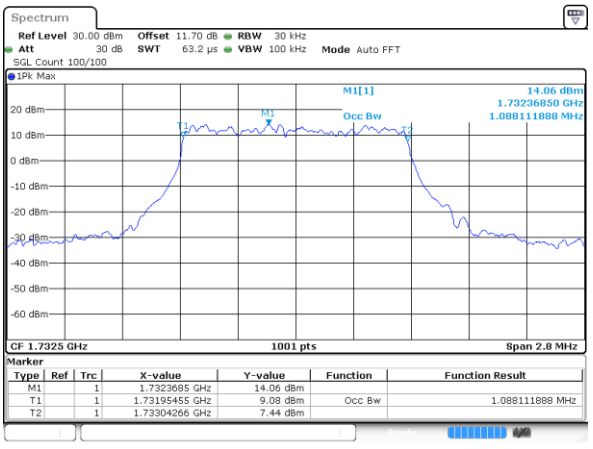
Lowest Channel / 1.4MHz / 16QAM



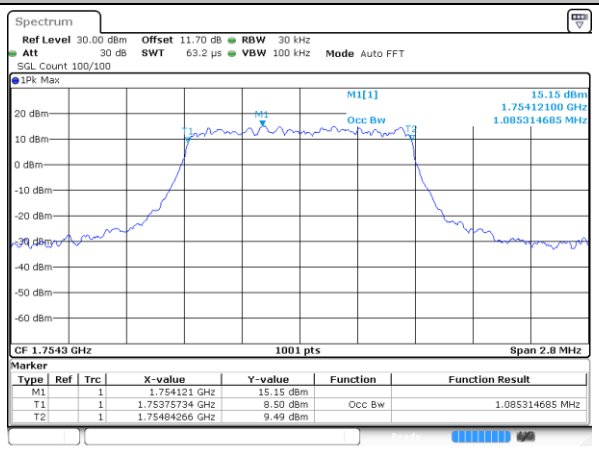
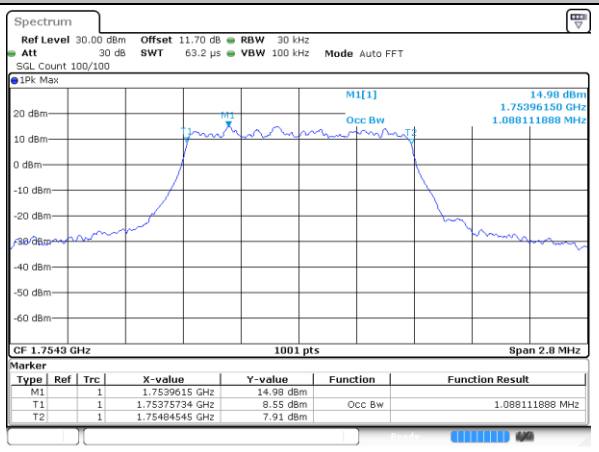
Middle Channel / 1.4MHz / QPSK



Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



Highest Channel / 1.4MHz / 16QAM