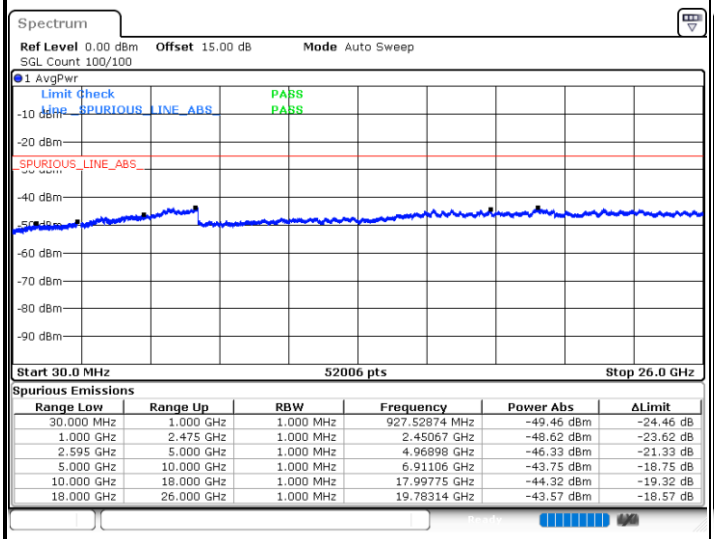
LTE Band 7 / 5MHz

Highest Channel / QPSK

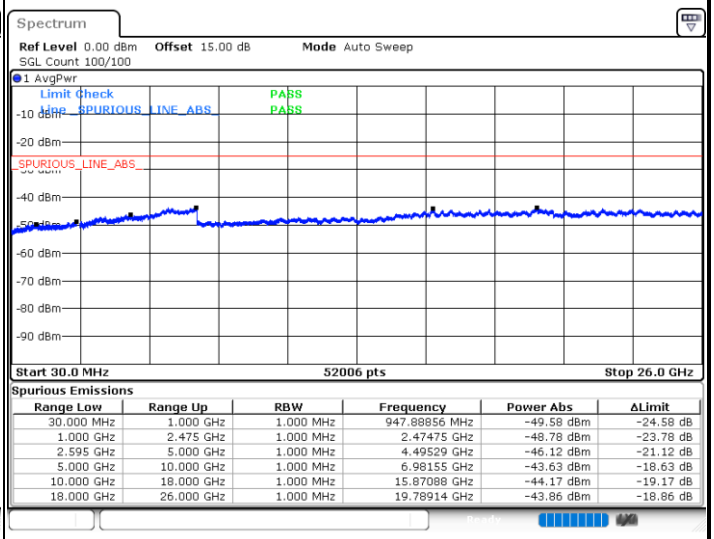


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	927.52874 MHz	-49.46 dBm	-24.46 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45067 GHz	-48.62 dBm	-23.62 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.96898 GHz	-46.33 dBm	-21.33 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.91106 GHz	-43.75 dBm	-18.75 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.99775 GHz	-44.32 dBm	-19.32 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78314 GHz	-43.57 dBm	-18.57 dB

Date: 12.JUN.2022 13:29:17

Highest Channel / 16QAM



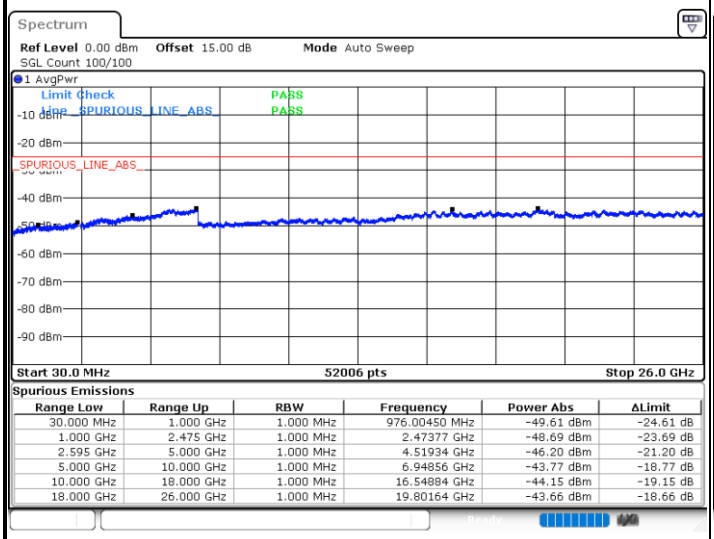
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.88856 MHz	-49.58 dBm	-24.58 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47475 GHz	-48.78 dBm	-23.78 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.49529 GHz	-46.12 dBm	-21.12 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98155 GHz	-43.63 dBm	-18.63 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.87088 GHz	-44.17 dBm	-19.17 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78914 GHz	-43.86 dBm	-18.86 dB

Date: 12.JUN.2022 13:30:40

LTE Band 7 / 10MHz

Lowest Channel / QPSK

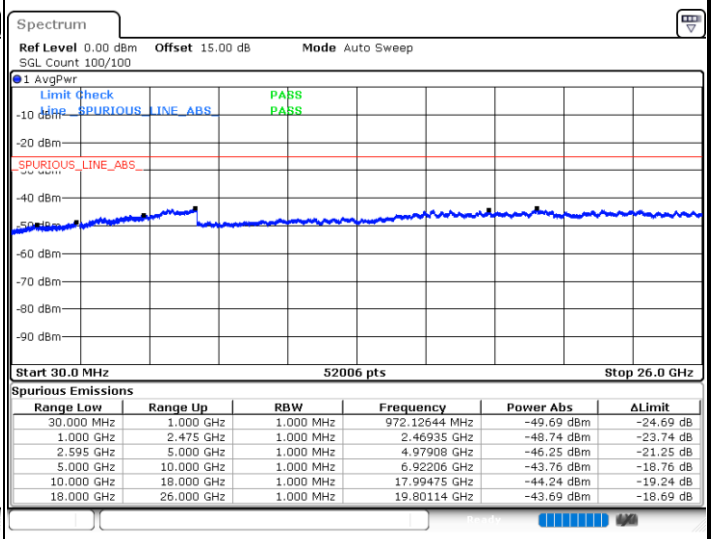


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-49.61 dBm	-24.61 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47377 GHz	-48.69 dBm	-23.69 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.51934 GHz	-46.20 dBm	-21.20 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94856 GHz	-43.77 dBm	-18.77 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54884 GHz	-44.15 dBm	-19.15 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80164 GHz	-43.66 dBm	-18.66 dB

Date: 12.JUN.2022 13:45:33

Lowest Channel / 16QAM



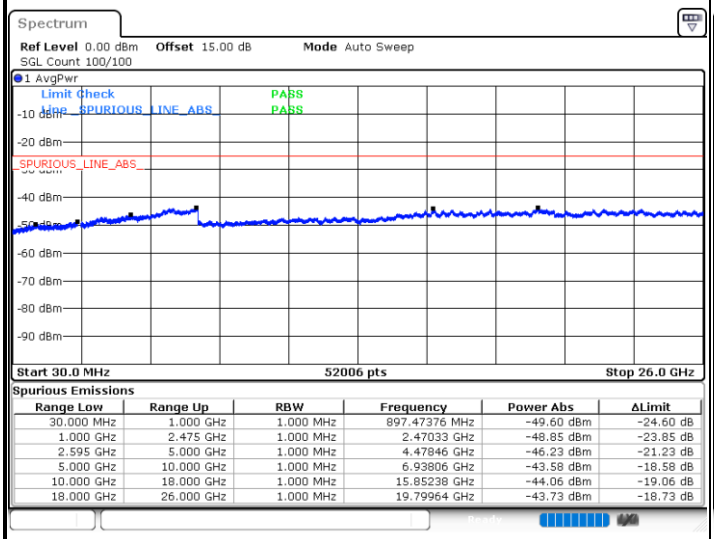
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-49.69 dBm	-24.69 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46935 GHz	-48.74 dBm	-23.74 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.97908 GHz	-46.25 dBm	-21.25 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.92206 GHz	-43.76 dBm	-18.76 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.99475 GHz	-44.24 dBm	-19.24 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80114 GHz	-43.69 dBm	-18.69 dB

Date: 12.JUN.2022 13:46:55

LTE Band 7 / 10MHz

Middle Channel / QPSK

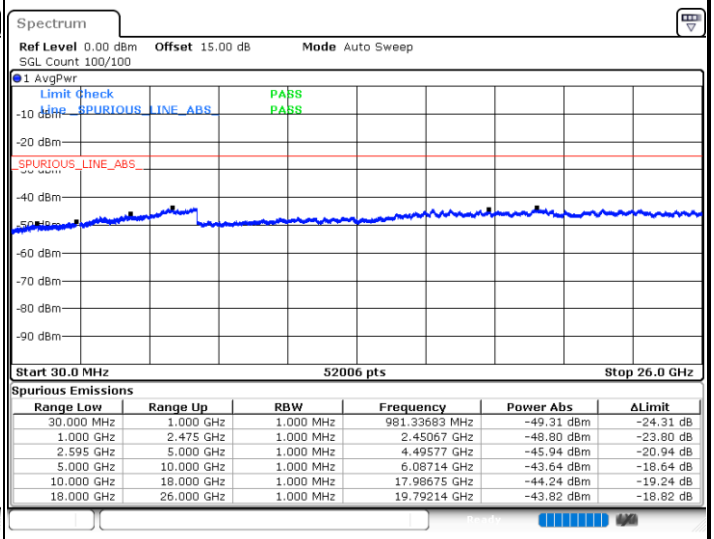


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.47376 MHz	-49.60 dBm	-24.60 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47033 GHz	-48.85 dBm	-23.85 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.47846 GHz	-46.23 dBm	-21.23 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.93806 GHz	-43.58 dBm	-18.58 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.85238 GHz	-44.06 dBm	-19.06 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79964 GHz	-43.73 dBm	-18.73 dB

Date: 12.JUN.2022 13:49:53

Middle Channel / 16QAM

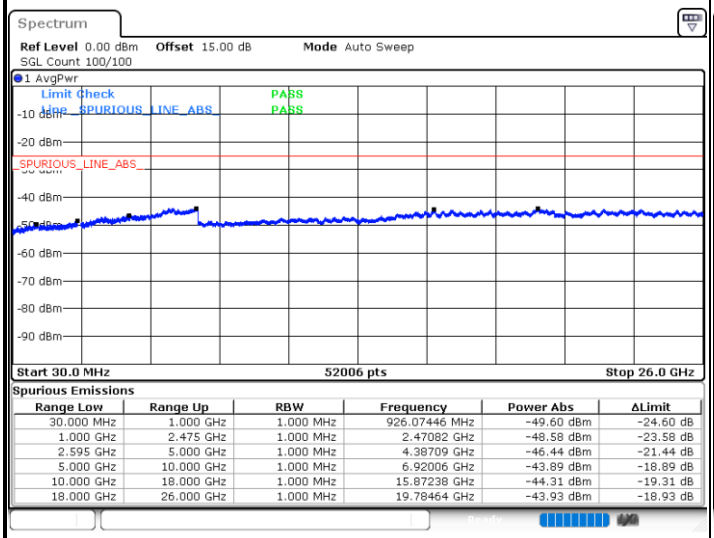


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.33683 MHz	-49.31 dBm	-24.31 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45067 GHz	-48.80 dBm	-23.80 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.49577 GHz	-45.94 dBm	-20.94 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.08714 GHz	-43.64 dBm	-18.64 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.98675 GHz	-44.24 dBm	-19.24 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79214 GHz	-43.82 dBm	-18.82 dB

Date: 12.JUN.2022 13:51:15

Highest Channel / QPSK

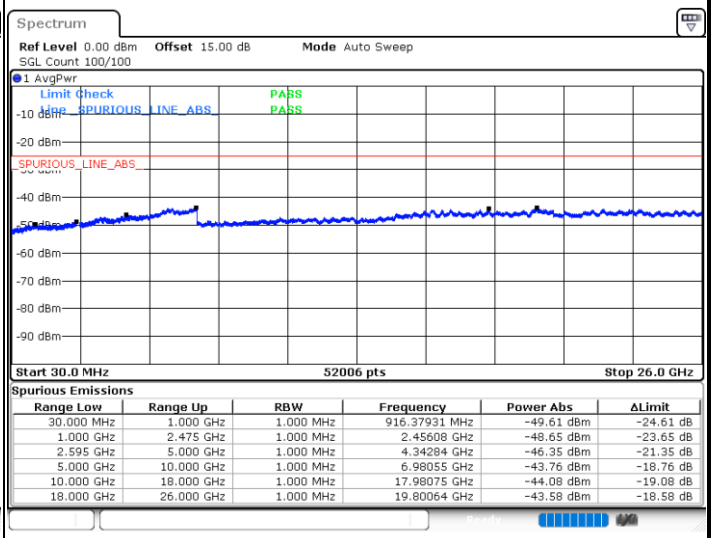


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	926.07446 MHz	-49.60 dBm	-24.60 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47082 GHz	-48.58 dBm	-23.58 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.38709 GHz	-46.44 dBm	-21.44 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.92006 GHz	-43.89 dBm	-18.89 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.87238 GHz	-44.31 dBm	-19.31 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78464 GHz	-43.93 dBm	-18.93 dB

Date: 12.JUN.2022 13:57:09

Highest Channel / 16QAM



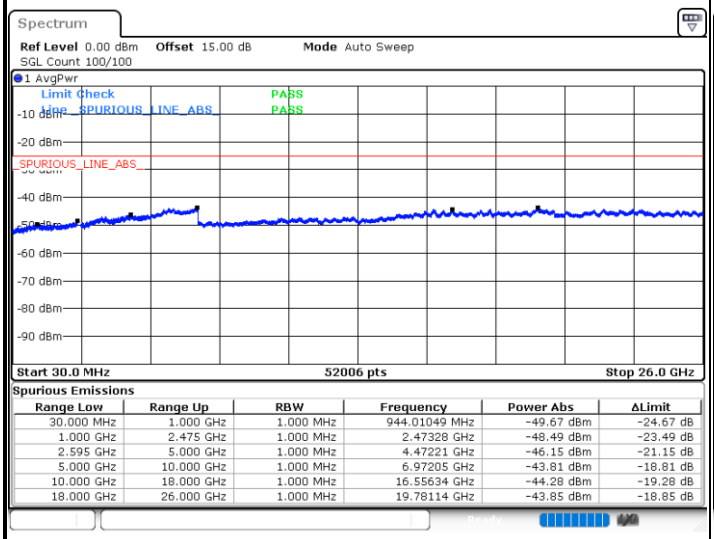
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.37931 MHz	-49.61 dBm	-24.61 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45608 GHz	-48.65 dBm	-23.65 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.34284 GHz	-46.35 dBm	-21.35 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98055 GHz	-43.76 dBm	-18.76 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.98075 GHz	-44.08 dBm	-19.08 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80064 GHz	-43.58 dBm	-18.58 dB

Date: 12.JUN.2022 13:58:31

LTE Band 7 / 15MHz

Lowest Channel / QPSK

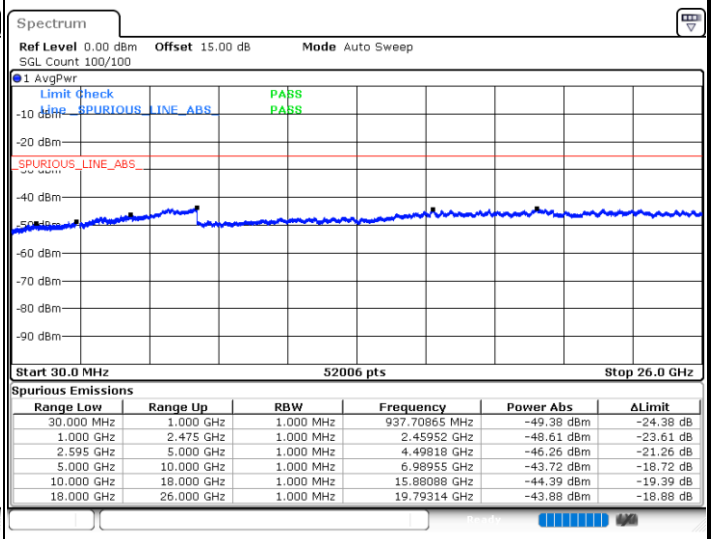


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.01049 MHz	-49.67 dBm	-24.67 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47328 GHz	-48.49 dBm	-23.49 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.47221 GHz	-46.15 dBm	-21.15 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97205 GHz	-43.81 dBm	-18.81 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.55634 GHz	-44.28 dBm	-19.28 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78114 GHz	-43.85 dBm	-18.85 dB

Date: 12.JUN.2022 14:13:26

Lowest Channel / 16QAM

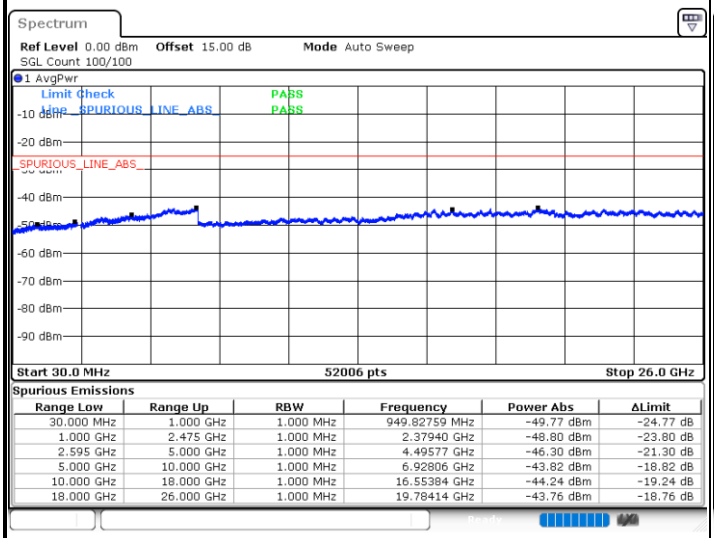


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	937.70865 MHz	-49.38 dBm	-24.38 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45952 GHz	-48.61 dBm	-23.61 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.49818 GHz	-46.26 dBm	-21.26 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98955 GHz	-43.72 dBm	-18.72 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.88088 GHz	-44.39 dBm	-19.39 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79314 GHz	-43.88 dBm	-18.88 dB

Date: 12.JUN.2022 14:14:49

Middle Channel / QPSK

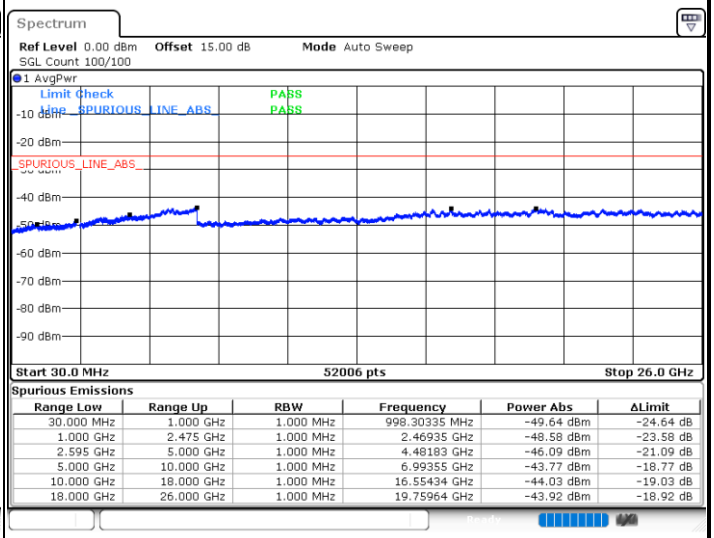


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.82759 MHz	-49.77 dBm	-24.77 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.37940 GHz	-48.80 dBm	-23.80 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.49577 GHz	-46.30 dBm	-21.30 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.92806 GHz	-43.82 dBm	-18.82 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.55384 GHz	-44.24 dBm	-19.24 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78414 GHz	-43.76 dBm	-18.76 dB

Date: 12.JUN.2022 14:17:47

Middle Channel / 16QAM



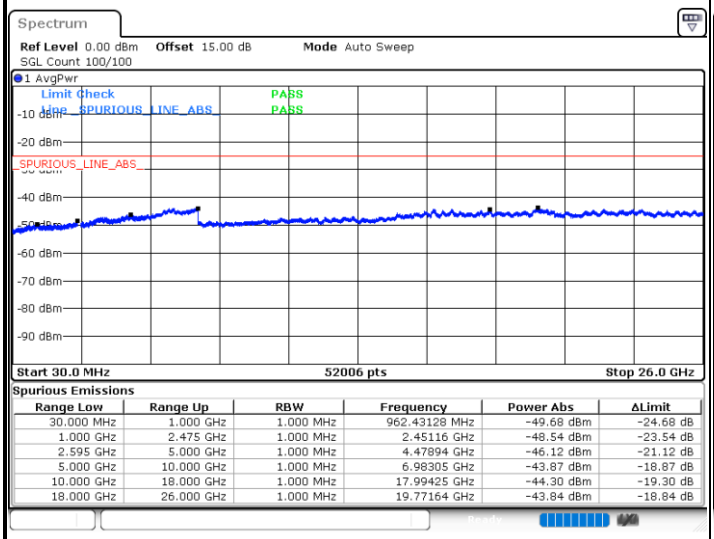
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-49.64 dBm	-24.64 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46935 GHz	-48.58 dBm	-23.58 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.48183 GHz	-46.09 dBm	-21.09 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99355 GHz	-43.77 dBm	-18.77 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.55434 GHz	-44.03 dBm	-19.03 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.75964 GHz	-43.92 dBm	-18.92 dB

Date: 12.JUN.2022 14:19:09

LTE Band7 / 15MHz

Highest Channel / QPSK

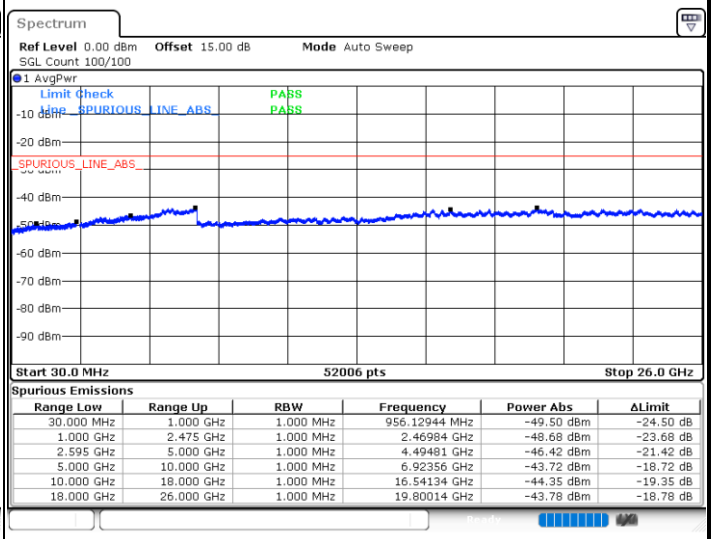


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.43128 MHz	-49.68 dBm	-24.68 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45116 GHz	-48.54 dBm	-23.54 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.47894 GHz	-46.12 dBm	-21.12 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98305 GHz	-43.87 dBm	-18.87 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.99425 GHz	-44.30 dBm	-19.30 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.77164 GHz	-43.84 dBm	-18.84 dB

Date: 12.JUN.2022 14:24:22

Highest Channel / 16QAM



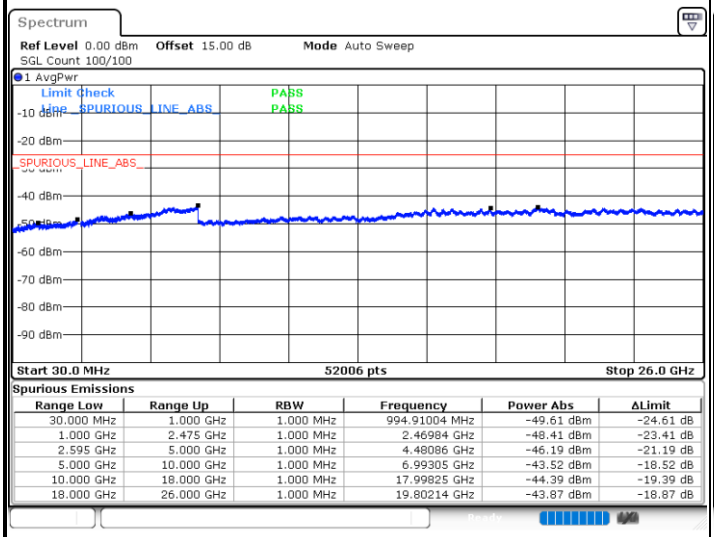
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	956.12944 MHz	-49.50 dBm	-24.50 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46984 GHz	-48.68 dBm	-23.68 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.49481 GHz	-46.42 dBm	-21.42 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.92356 GHz	-43.72 dBm	-18.72 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54134 GHz	-44.35 dBm	-19.35 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80014 GHz	-43.78 dBm	-18.78 dB

Date: 12.JUN.2022 14:25:45

LTE Band 7 / 20MHz

Lowest Channel / QPSK

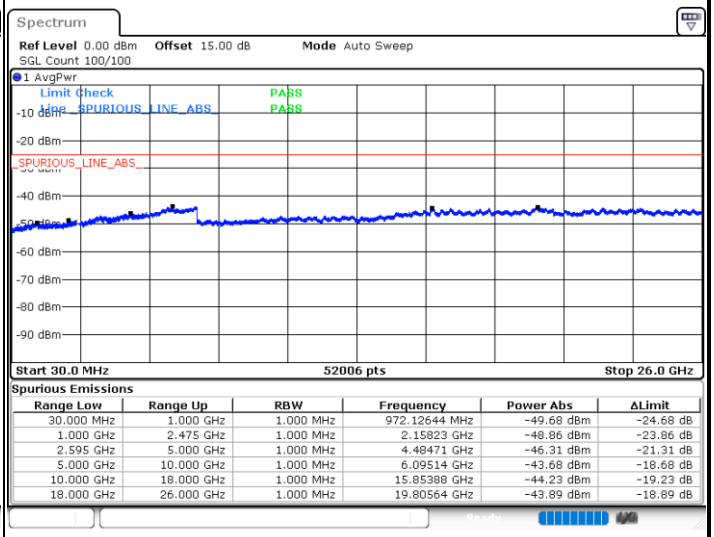


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-49.61 dBm	-24.61 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46984 GHz	-48.41 dBm	-23.41 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.48086 GHz	-46.19 dBm	-21.19 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99305 GHz	-43.52 dBm	-18.52 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.99825 GHz	-44.39 dBm	-19.39 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80214 GHz	-43.87 dBm	-18.87 dB

Date: 12.JUN.2022 14:39:20

Lowest Channel / 16QAM



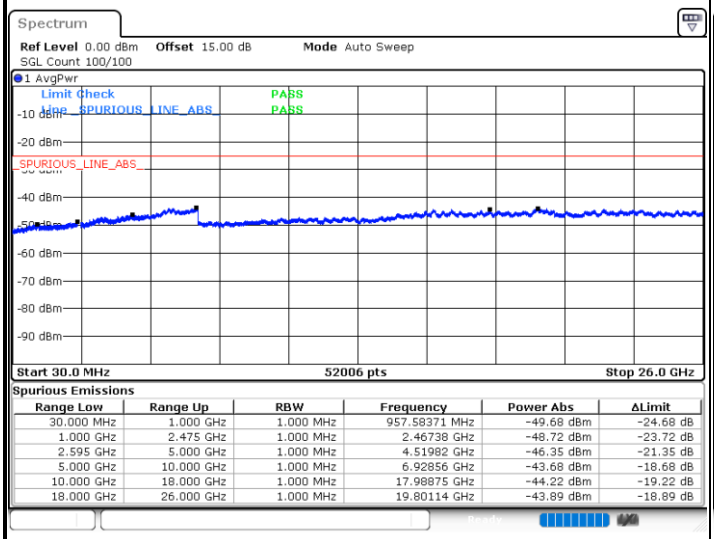
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-49.68 dBm	-24.68 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.15823 GHz	-48.86 dBm	-23.86 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.48471 GHz	-46.31 dBm	-21.31 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.09514 GHz	-43.68 dBm	-18.68 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.85388 GHz	-44.23 dBm	-19.23 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80564 GHz	-43.89 dBm	-18.89 dB

Date: 12.JUN.2022 14:40:42

LTE Band 7 / 20MHz

Middle Channel / QPSK

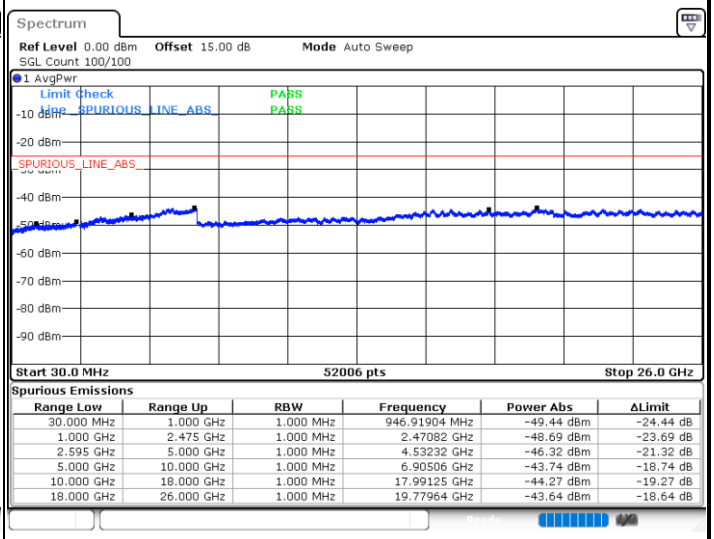


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	957.58371 MHz	-49.68 dBm	-24.68 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46738 GHz	-48.72 dBm	-23.72 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.51982 GHz	-46.35 dBm	-21.35 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.92856 GHz	-43.68 dBm	-18.68 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.98875 GHz	-44.22 dBm	-19.22 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80114 GHz	-43.89 dBm	-18.89 dB

Date: 12.JUN.2022 14:43:40

Middle Channel / 16QAM

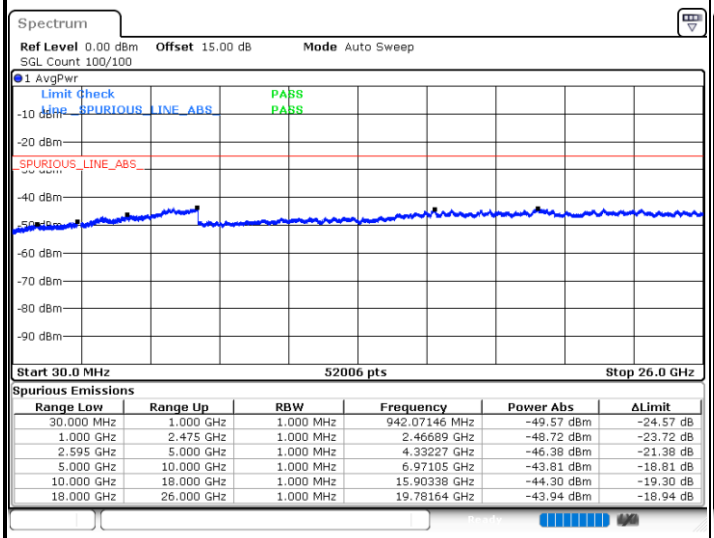


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-49.44 dBm	-24.44 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47082 GHz	-48.69 dBm	-23.69 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.53232 GHz	-46.32 dBm	-21.32 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.90506 GHz	-43.74 dBm	-18.74 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.99125 GHz	-44.27 dBm	-19.27 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.77964 GHz	-43.64 dBm	-18.64 dB

Date: 12.JUN.2022 14:45:02

Highest Channel / QPSK

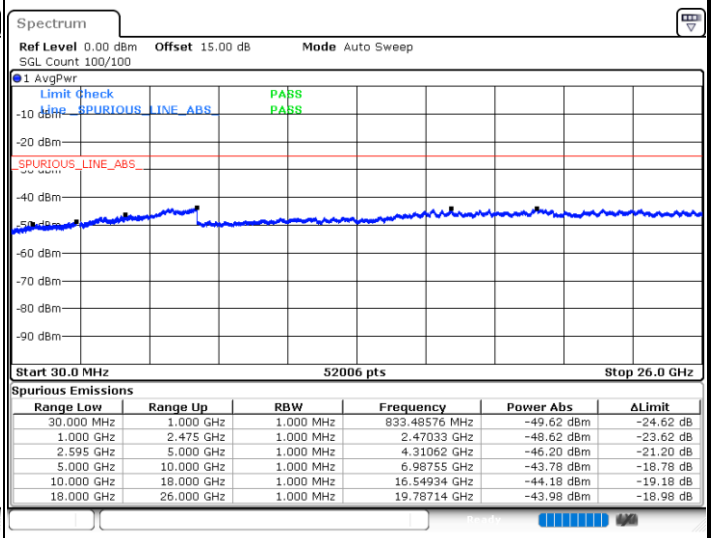


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.07146 MHz	-49.57 dBm	-24.57 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46689 GHz	-48.72 dBm	-23.72 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.33227 GHz	-46.38 dBm	-21.38 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97105 GHz	-43.81 dBm	-18.81 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.90338 GHz	-44.30 dBm	-19.30 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78164 GHz	-43.94 dBm	-18.94 dB

Date: 12.JUN.2022 14:50:15

Highest Channel / 16QAM



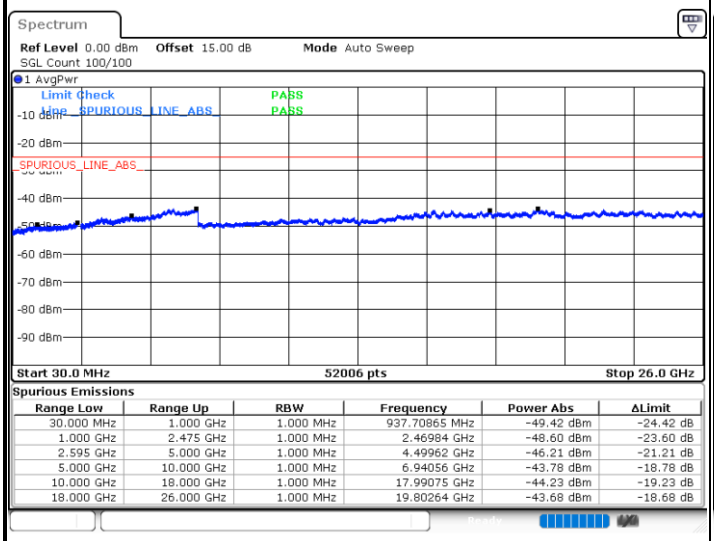
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-49.62 dBm	-24.62 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47033 GHz	-48.62 dBm	-23.62 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.31062 GHz	-46.20 dBm	-21.20 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98755 GHz	-43.78 dBm	-18.78 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54934 GHz	-44.18 dBm	-19.18 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78714 GHz	-43.98 dBm	-18.98 dB

Date: 12.JUN.2022 14:51:37

LTE Band 7 / 5MHz

Lowest Channel / 64QAM

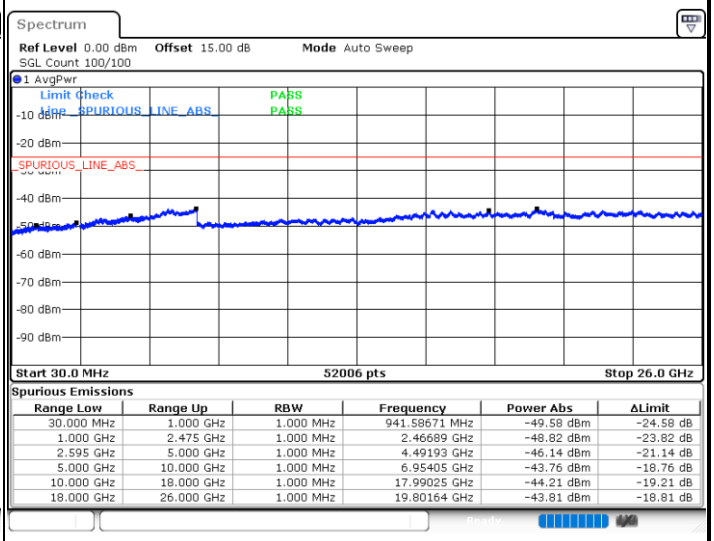


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	937.70865 MHz	-49.42 dBm	-24.42 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46984 GHz	-48.60 dBm	-23.60 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.49962 GHz	-46.21 dBm	-21.21 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94056 GHz	-43.78 dBm	-18.78 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.99075 GHz	-44.23 dBm	-19.23 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80264 GHz	-43.68 dBm	-18.68 dB

Date: 12.JUN.2022 13:34:09

Middle Channel / 64QAM

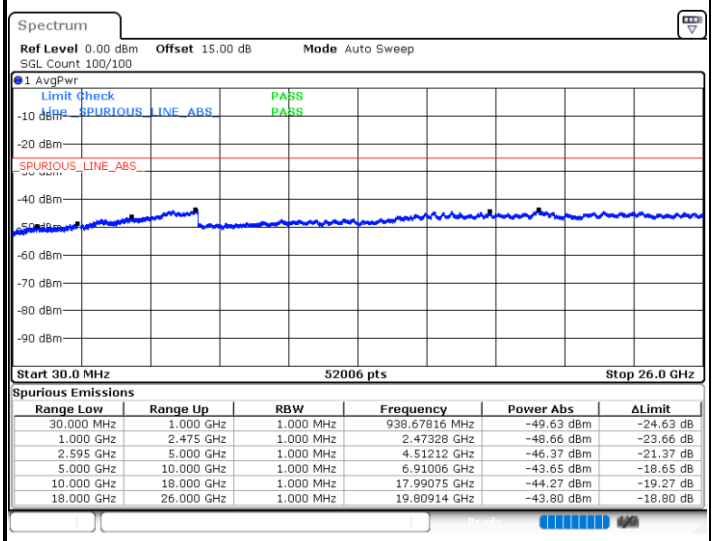


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	941.58671 MHz	-49.58 dBm	-24.58 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46689 GHz	-48.82 dBm	-23.82 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.49193 GHz	-46.14 dBm	-21.14 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95405 GHz	-43.76 dBm	-18.76 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.99025 GHz	-44.21 dBm	-19.21 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80164 GHz	-43.81 dBm	-18.81 dB

Date: 12.JUN.2022 13:36:09

Highest Channel / 64QAM



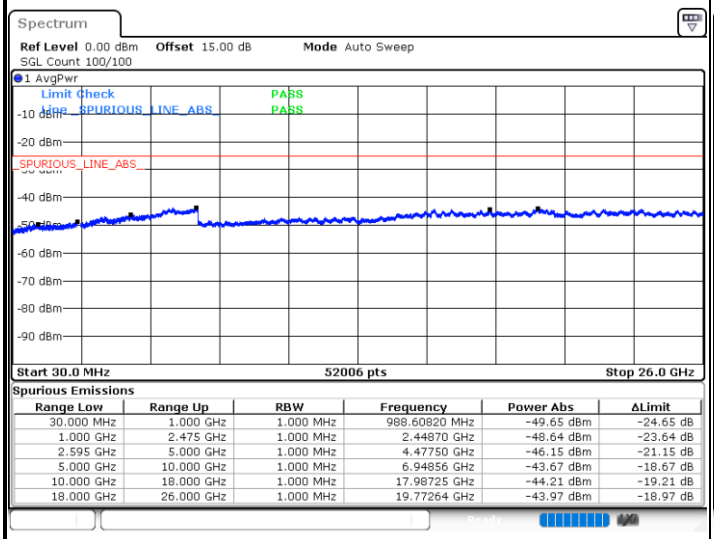
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.67816 MHz	-49.63 dBm	-24.63 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47328 GHz	-48.66 dBm	-23.66 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.51212 GHz	-46.37 dBm	-21.37 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.91006 GHz	-43.65 dBm	-18.65 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.99075 GHz	-44.27 dBm	-19.27 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80914 GHz	-43.80 dBm	-18.80 dB

Date: 12.JUN.2022 13:39:38

LTE Band 7 / 10MHz

Lowest Channel / 64QAM

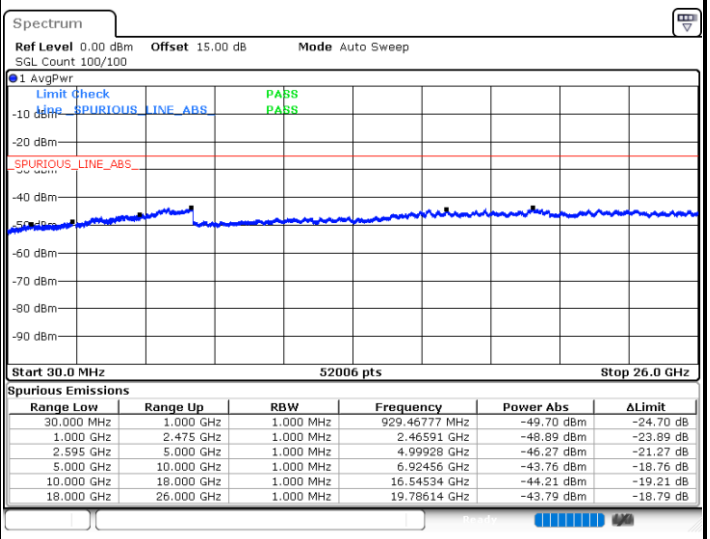


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.60820 MHz	-49.65 dBm	-24.65 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.44870 GHz	-48.64 dBm	-23.64 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.47750 GHz	-46.15 dBm	-21.15 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94856 GHz	-43.67 dBm	-18.67 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.98725 GHz	-44.21 dBm	-19.21 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.77264 GHz	-43.97 dBm	-18.97 dB

Date: 12.JUN.2022 14:02:00

Middle Channel / 64QAM

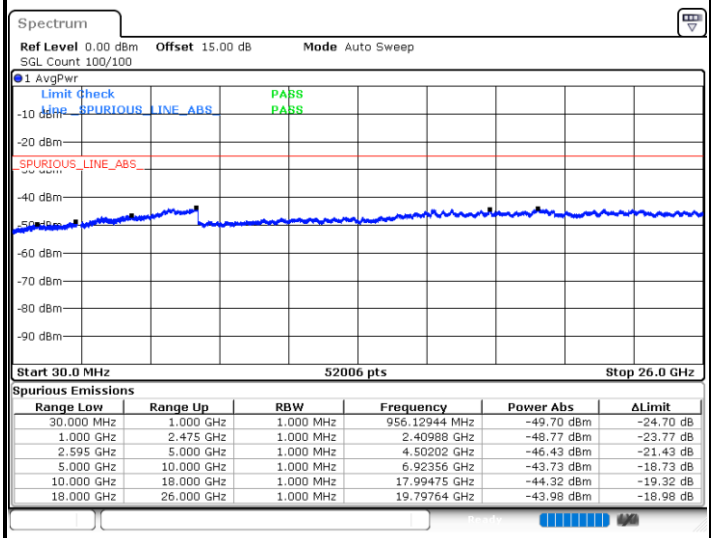


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.46777 MHz	-49.70 dBm	-24.70 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46591 GHz	-48.89 dBm	-23.89 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.99928 GHz	-46.27 dBm	-21.27 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.92456 GHz	-43.76 dBm	-18.76 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54534 GHz	-44.21 dBm	-19.21 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78614 GHz	-43.79 dBm	-18.79 dB

Date: 12.JUN.2022 14:04:01

Highest Channel / 64QAM



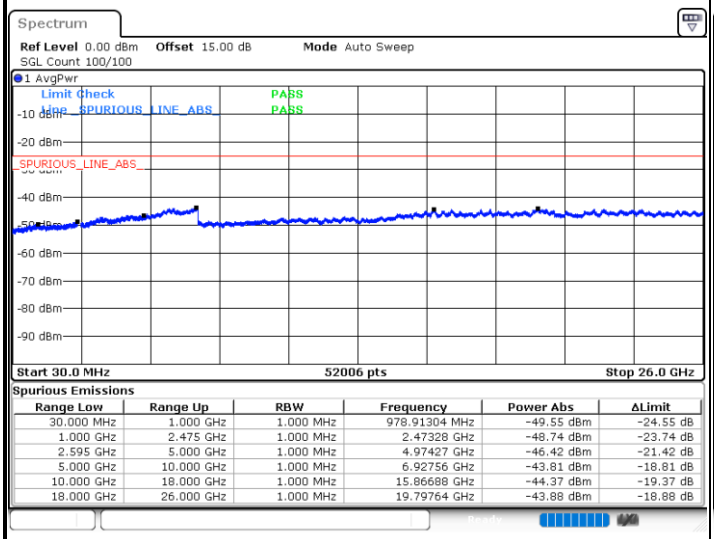
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	956.12944 MHz	-49.70 dBm	-24.70 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.40988 GHz	-48.77 dBm	-23.77 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.50202 GHz	-46.43 dBm	-21.43 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.92356 GHz	-43.73 dBm	-18.73 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.99475 GHz	-44.32 dBm	-19.32 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79764 GHz	-43.98 dBm	-18.98 dB

Date: 12.JUN.2022 14:07:29

LTE Band 7 / 15MHz

Lowest Channel / 64QAM

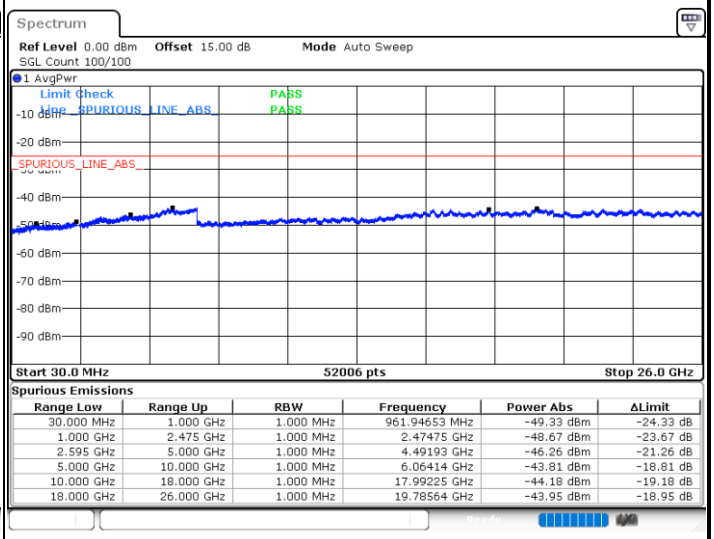


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.91304 MHz	-49.55 dBm	-24.55 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47328 GHz	-48.74 dBm	-23.74 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.97427 GHz	-46.42 dBm	-21.42 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.92756 GHz	-43.81 dBm	-18.81 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.86688 GHz	-44.37 dBm	-19.37 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79764 GHz	-43.88 dBm	-18.88 dB

Date: 12.JUN.2022 14:28:54

Middle Channel / 64QAM

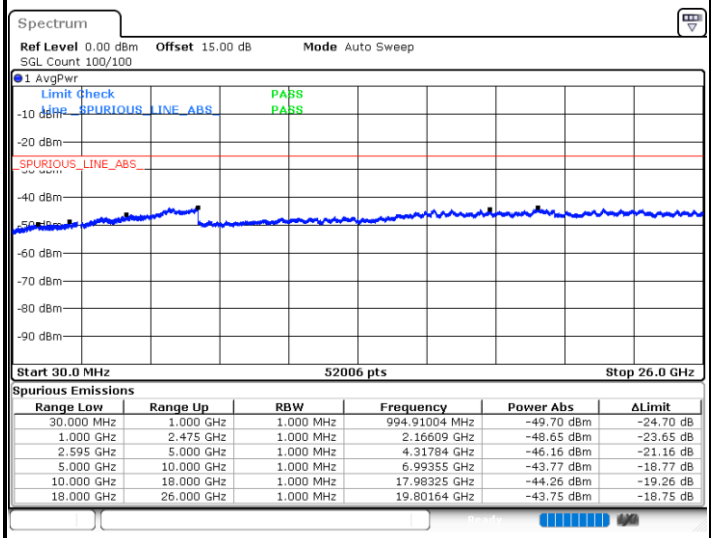


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.94653 MHz	-49.33 dBm	-24.33 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47475 GHz	-48.67 dBm	-23.67 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.49193 GHz	-46.26 dBm	-21.26 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.06414 GHz	-43.81 dBm	-18.81 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.99225 GHz	-44.18 dBm	-19.18 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78564 GHz	-43.95 dBm	-18.95 dB

Date: 12.JUN.2022 14:30:55

Highest Channel / 64QAM



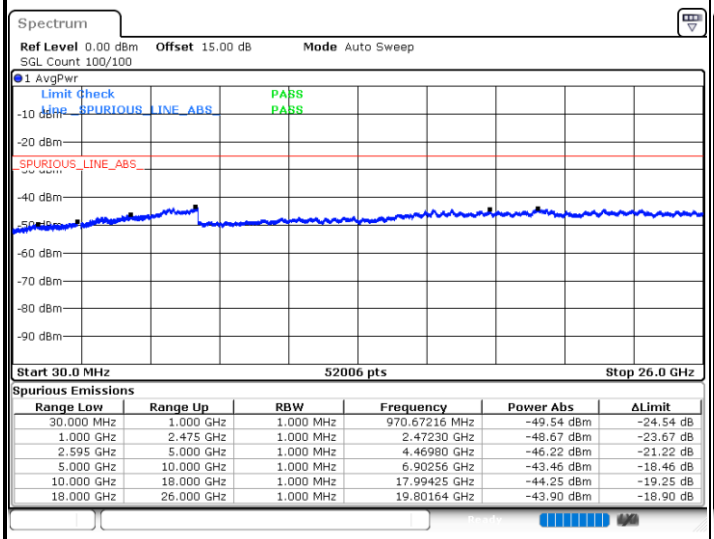
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-49.70 dBm	-24.70 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.16609 GHz	-48.65 dBm	-23.65 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.31784 GHz	-46.16 dBm	-21.16 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99355 GHz	-43.77 dBm	-18.77 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.98325 GHz	-44.26 dBm	-19.26 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80164 GHz	-43.75 dBm	-18.75 dB

Date: 12.JUN.2022 14:34:03

LTE Band 7 / 20MHz

Lowest Channel / 64QAM

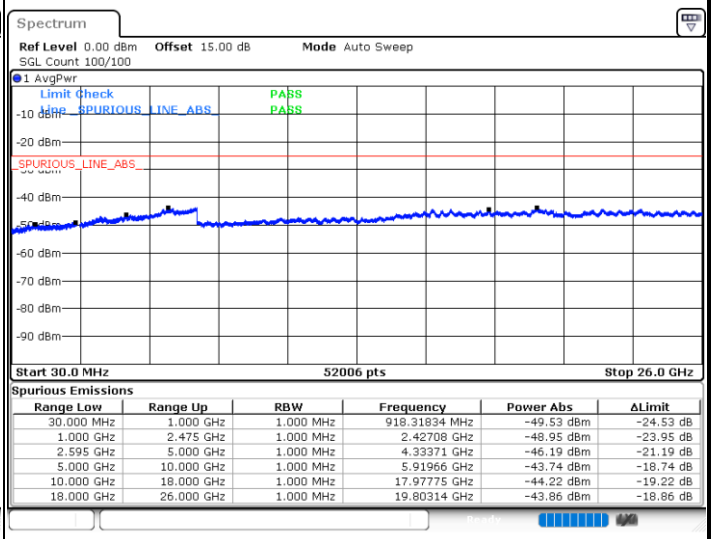


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	970.67216 MHz	-49.54 dBm	-24.54 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47230 GHz	-48.67 dBm	-23.67 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.46980 GHz	-46.22 dBm	-21.22 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.90256 GHz	-43.46 dBm	-18.46 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.99425 GHz	-44.25 dBm	-19.25 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80164 GHz	-43.90 dBm	-18.90 dB

Date: 12.JUN.2022 14:54:47

Middle Channel / 64QAM

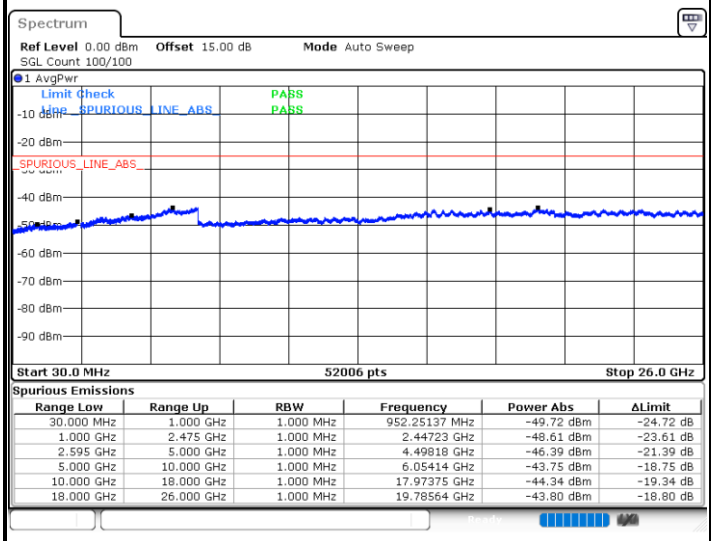


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.31834 MHz	-49.53 dBm	-24.53 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.42708 GHz	-48.95 dBm	-23.95 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.33371 GHz	-46.19 dBm	-21.19 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.91966 GHz	-43.74 dBm	-18.74 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.97775 GHz	-44.22 dBm	-19.22 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80314 GHz	-43.86 dBm	-18.86 dB

Date: 12.JUN.2022 14:56:47

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.25137 MHz	-49.72 dBm	-24.72 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.44723 GHz	-48.61 dBm	-23.61 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.49818 GHz	-46.39 dBm	-21.39 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.05414 GHz	-43.75 dBm	-18.75 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.97375 GHz	-44.34 dBm	-19.34 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78564 GHz	-43.80 dBm	-18.80 dB

Date: 12.JUN.2022 14:59:56

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.25 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

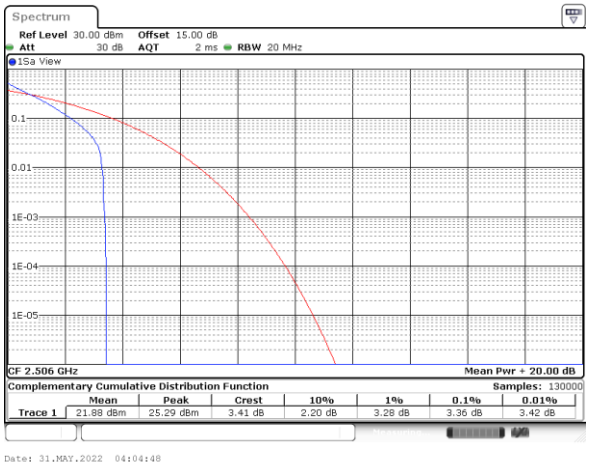
LTE Band 41

Peak-to-Average Ratio

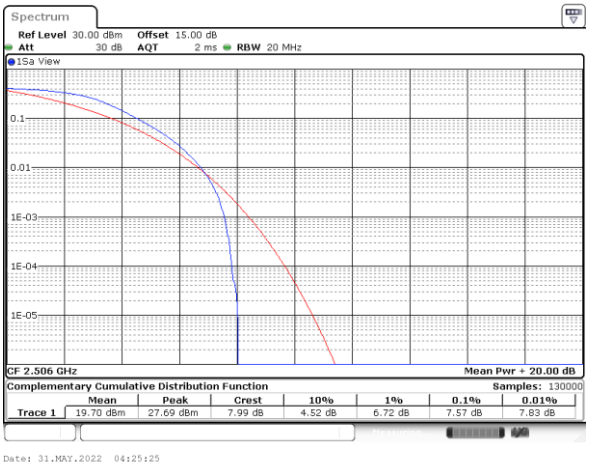
Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.36	7.57	4.38	6.00	PASS
Middle CH	3.54	4.75	4.46	5.83	
Highest CH	6.32	4.87	6.67	5.88	
Mode	LTE Band 41 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.81	7.57	-	-	PASS
Middle CH	5.51	6.26	-	-	
Highest CH	5.57	6.52	-	-	

LTE Band 41 / 20MHz / QPSK

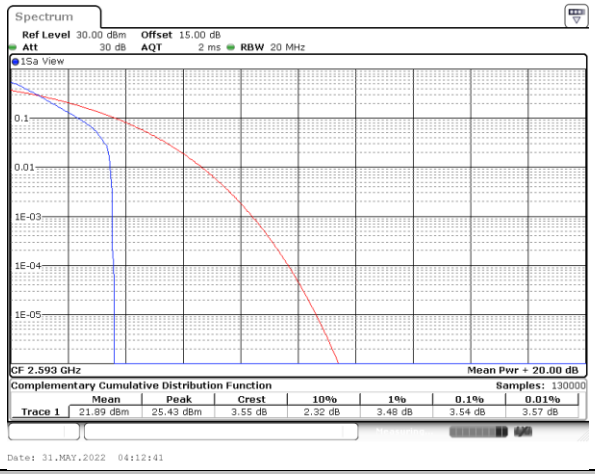
Lowest Channel / 1RB



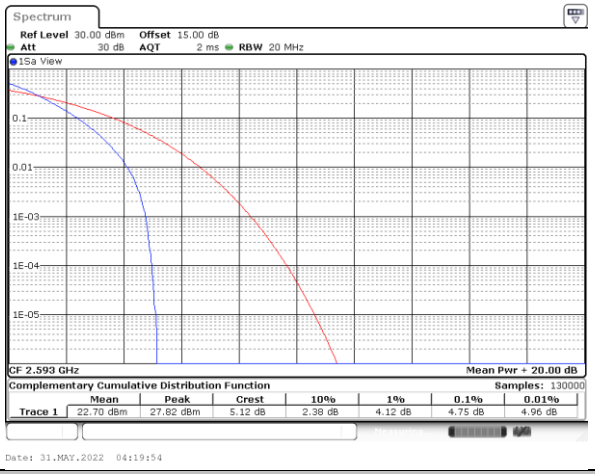
Lowest Channel / Full RB



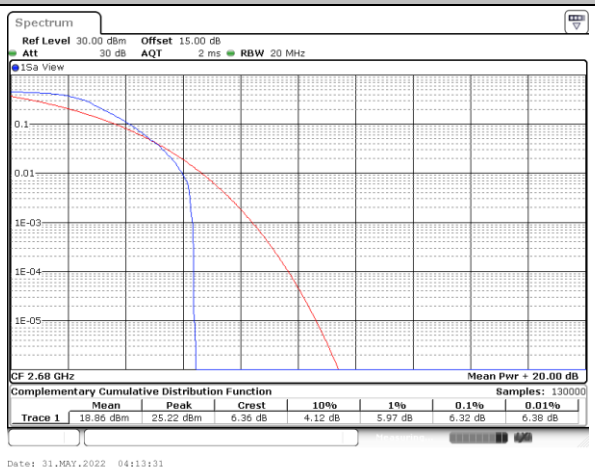
Middle Channel / 1RB



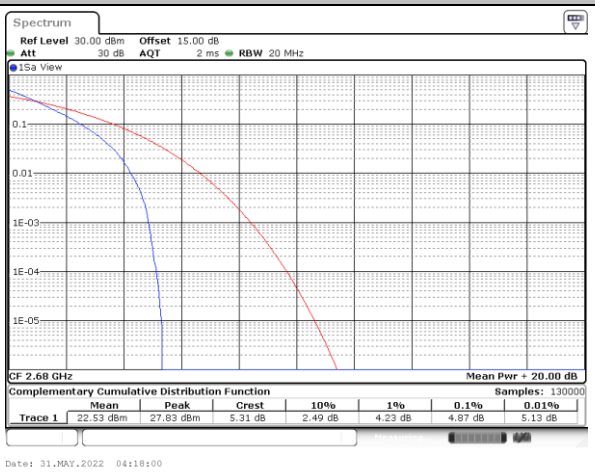
Middle Channel / Full RB



Highest Channel / 1RB

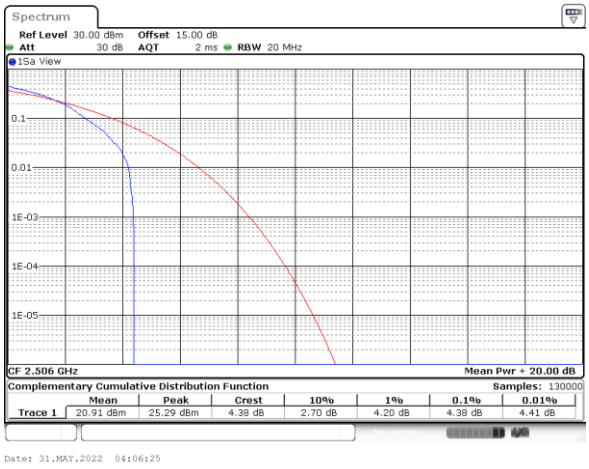


Highest Channel / Full RB

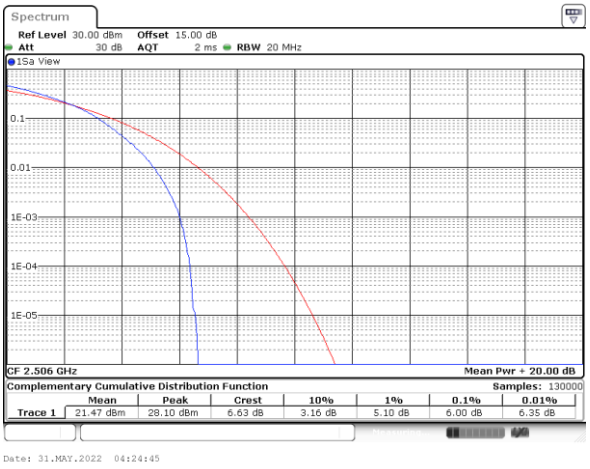


LTE Band 41 / 20MHz / 16QAM

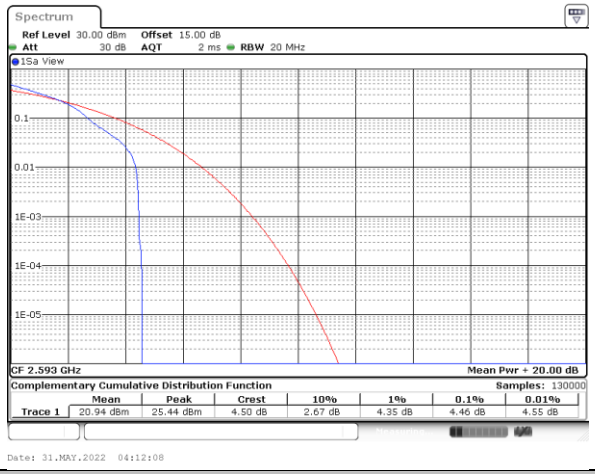
Lowest Channel / 1RB



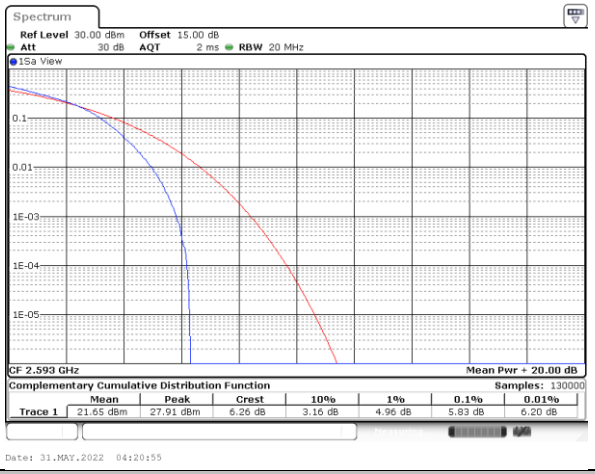
Lowest Channel / Full RB



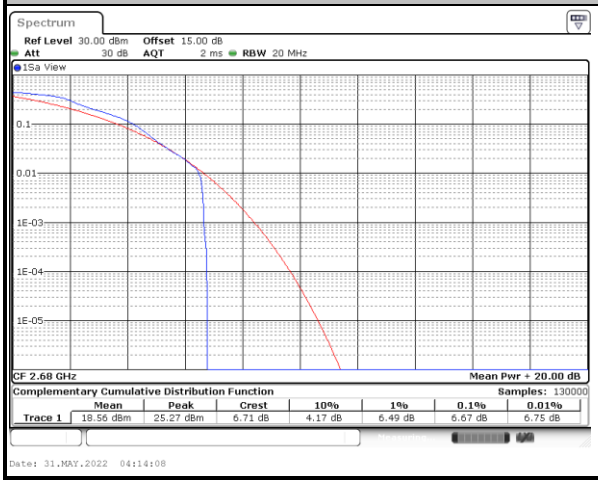
Middle Channel / 1RB



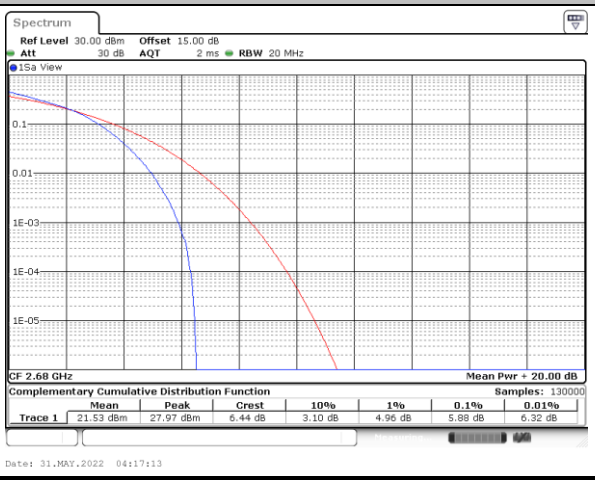
Middle Channel / Full RB



Highest Channel / 1RB

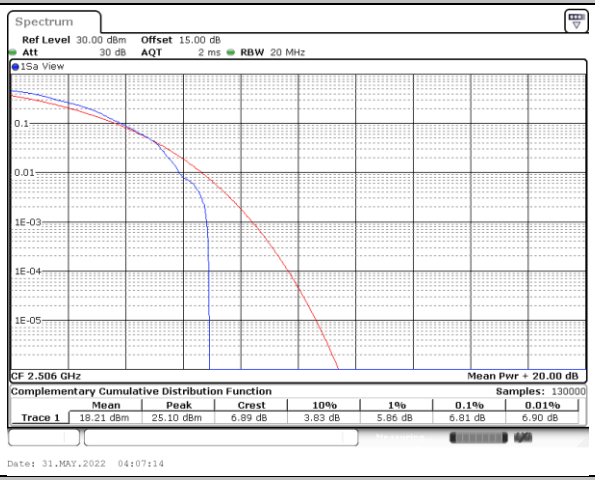


Highest Channel / Full RB

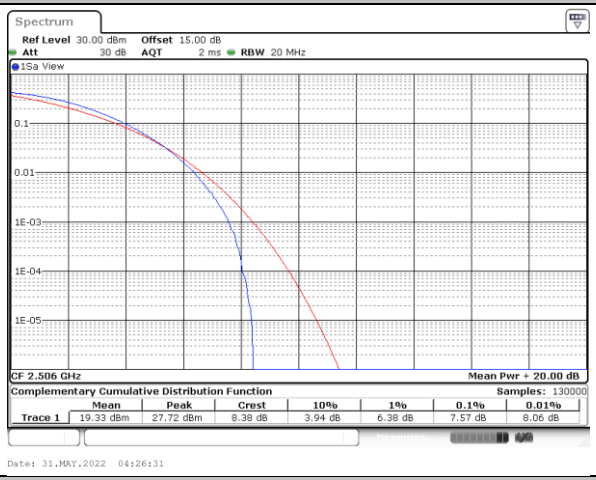


LTE Band 41 / 20MHz / 64QAM

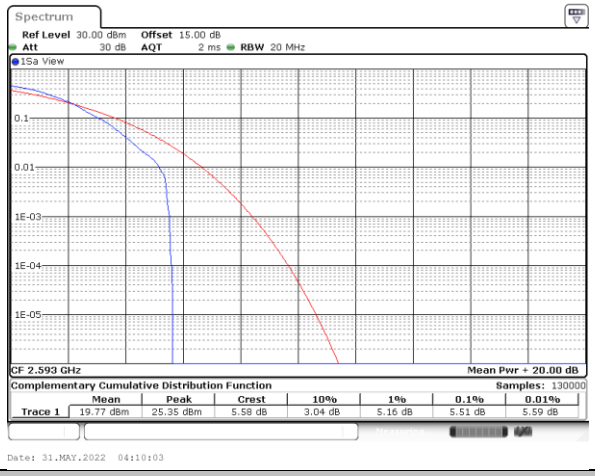
Lowest Channel / 1RB



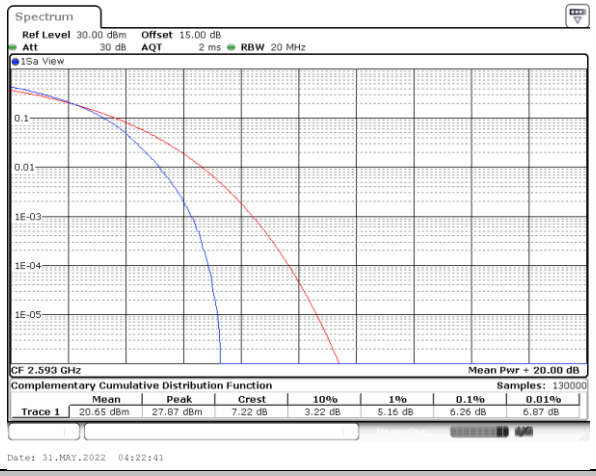
Lowest Channel / Full RB



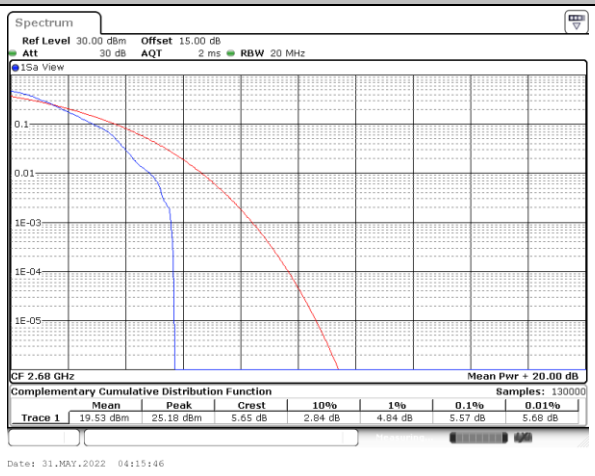
Middle Channel / 1RB



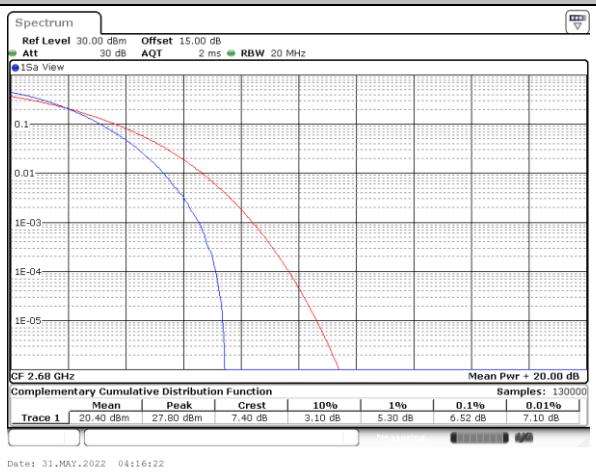
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

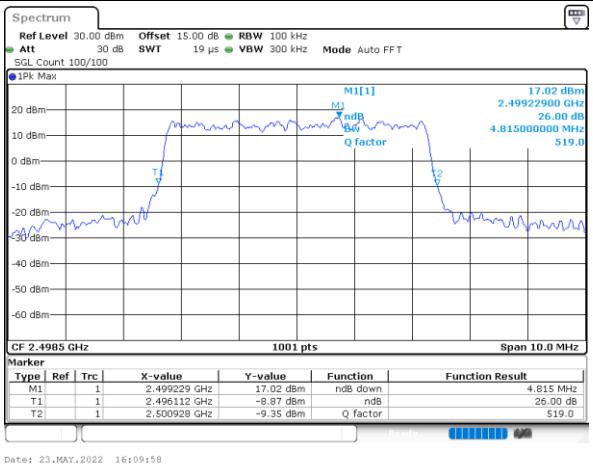


26dB Bandwidth

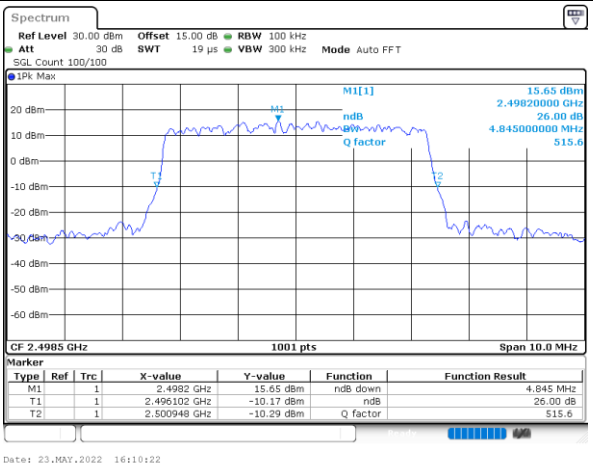
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.82	4.85	9.77	9.71	14.12	14.12	19.02	18.62
Middle CH	-	-	-	-	4.91	4.70	9.73	9.65	14.30	14.51	18.94	18.90
Highest CH	-	-	-	-	4.80	4.91	9.73	9.63	14.45	14.30	18.74	18.62
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.82	-	9.73	-	14.42	-	18.70	-
Middle CH	-	-	-	-	4.74	-	9.69	-	14.21	-	18.62	-
Highest CH	-	-	-	-	4.85	-	9.79	-	14.12	-	18.66	-

LTE Band 41

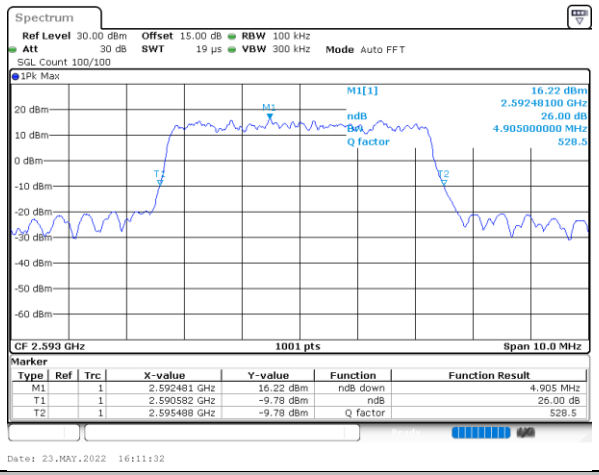
Lowest Channel / 5MHz / QPSK



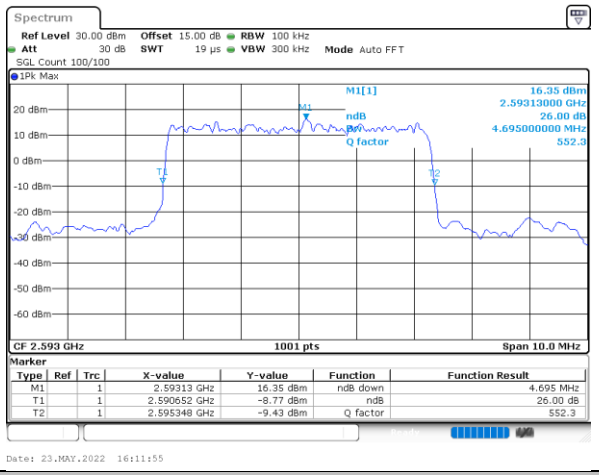
Lowest Channel / 5MHz / 16QAM



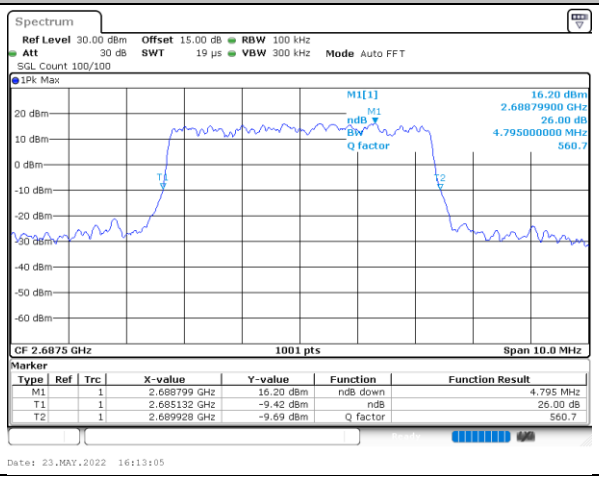
Middle Channel / 5MHz / QPSK



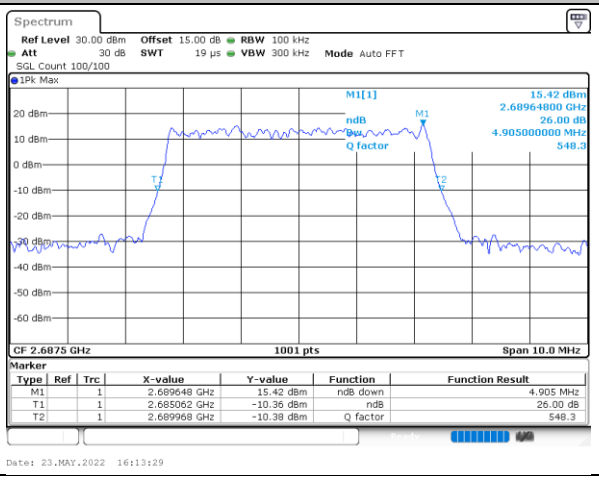
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

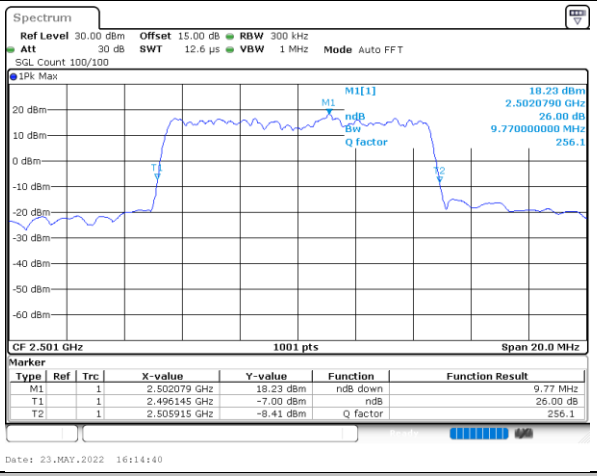


Highest Channel / 5MHz / 16QAM

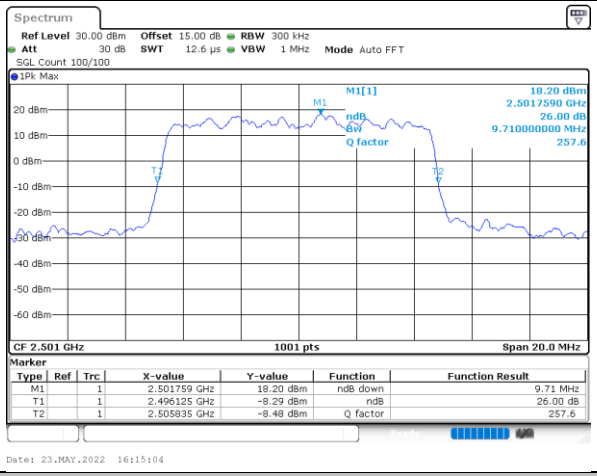


LTE Band 41

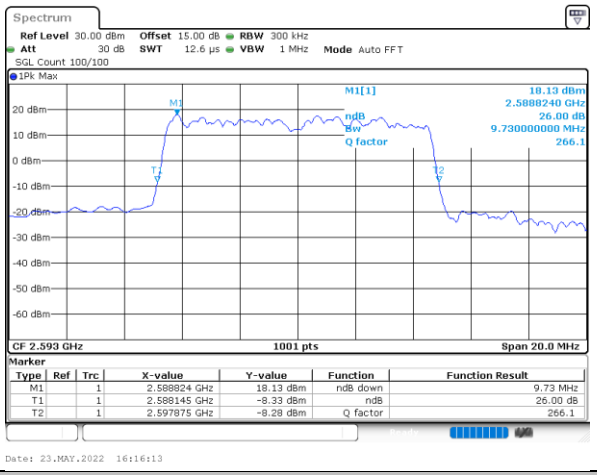
Lowest Channel / 10MHz / QPSK



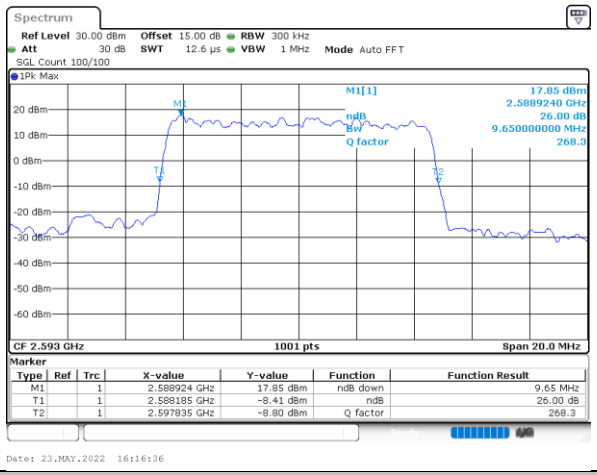
Lowest Channel / 10MHz / 16QAM



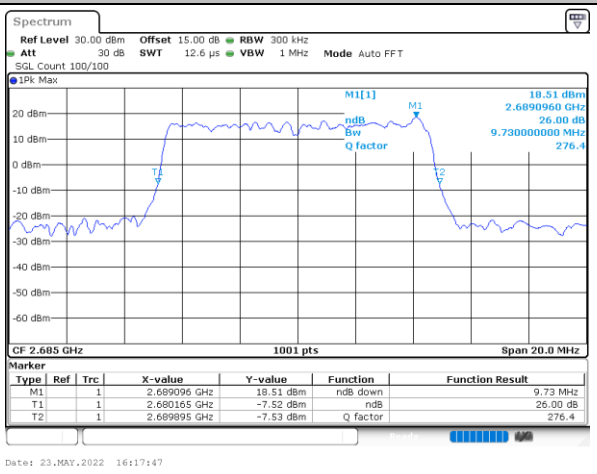
Middle Channel / 10MHz / QPSK



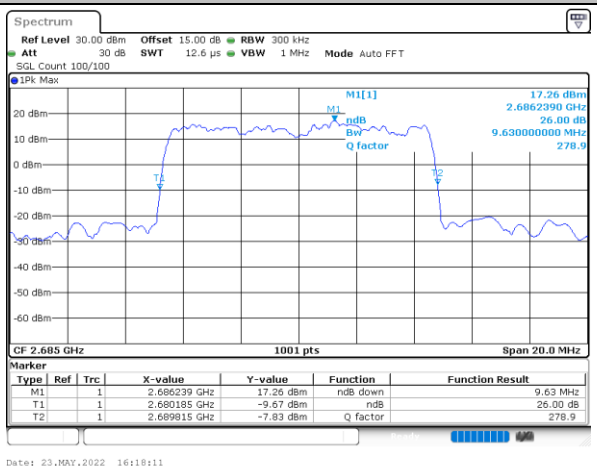
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

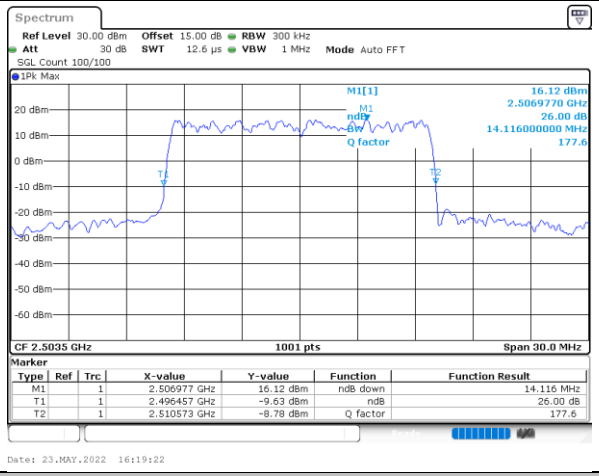


Highest Channel / 10MHz / 16QAM

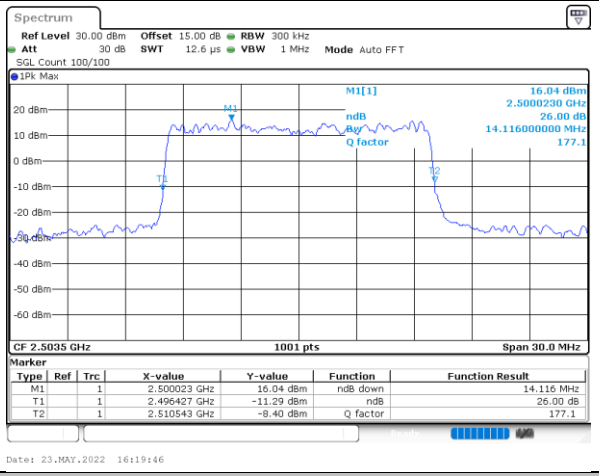


LTE Band 41

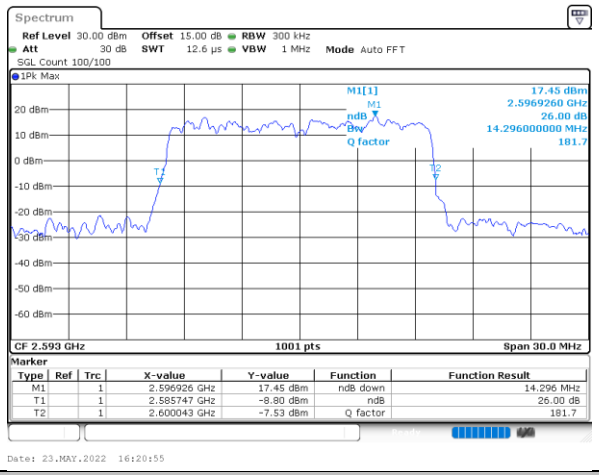
Lowest Channel / 15MHz / QPSK



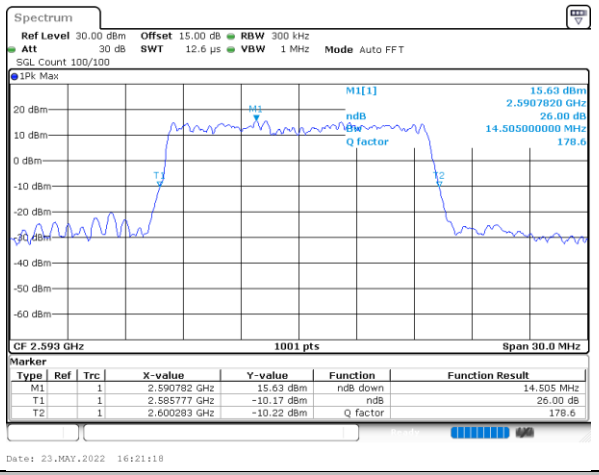
Lowest Channel / 15MHz / 16QAM



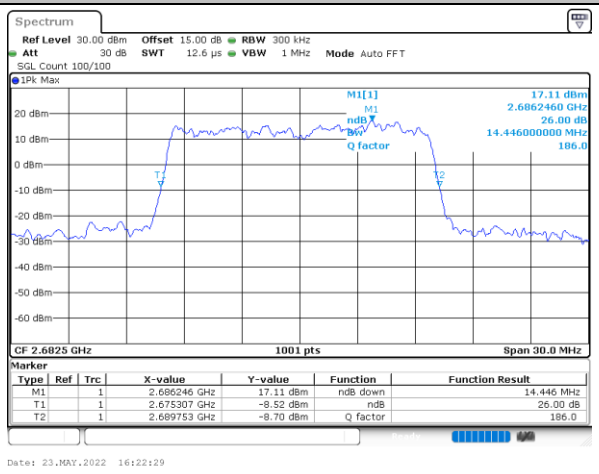
Middle Channel / 15MHz / QPSK



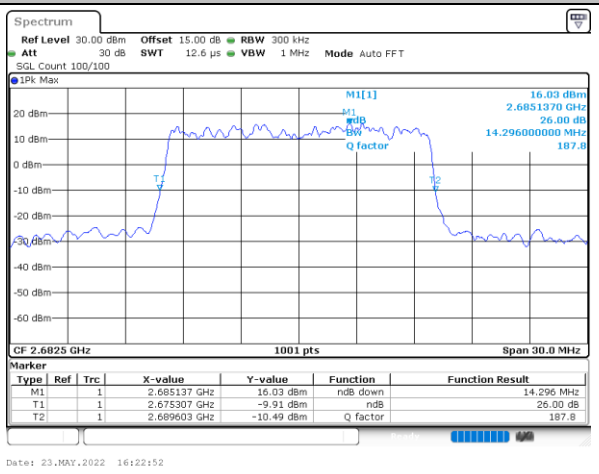
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

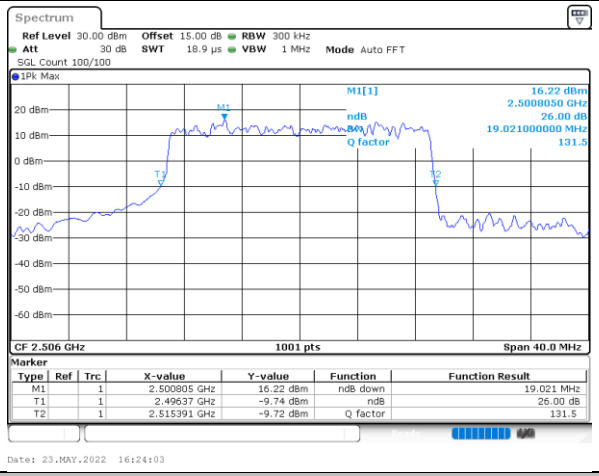


Highest Channel / 15MHz / 16QAM

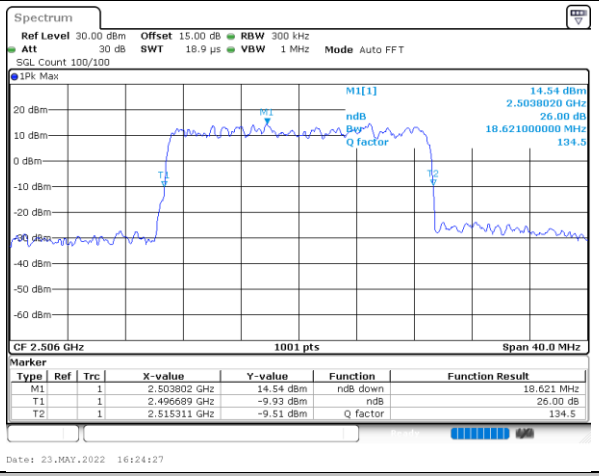


LTE Band 41

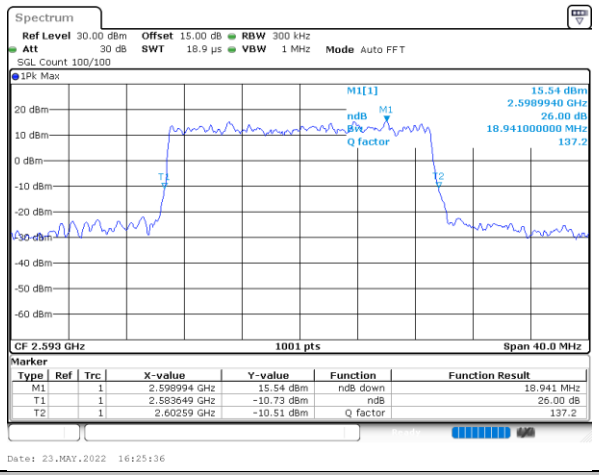
Lowest Channel / 20MHz / QPSK



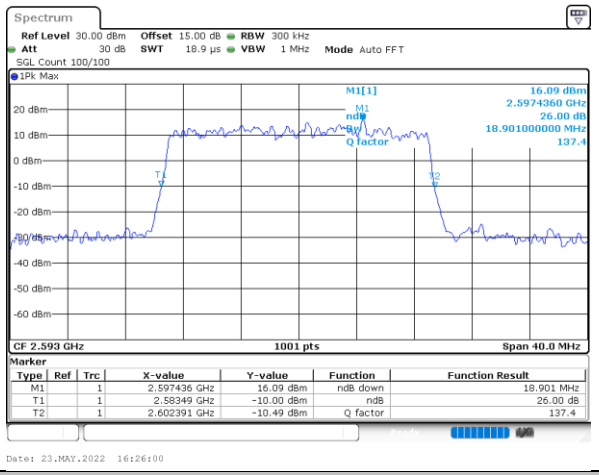
Lowest Channel / 20MHz / 16QAM



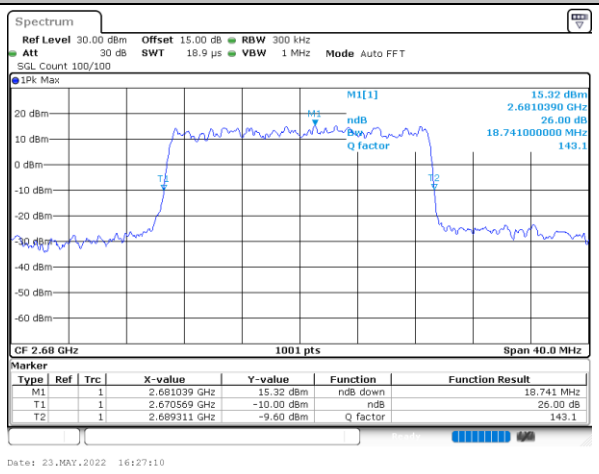
Middle Channel / 20MHz / QPSK



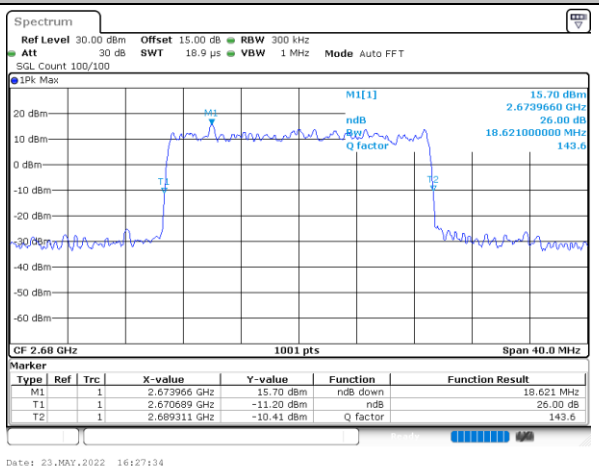
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

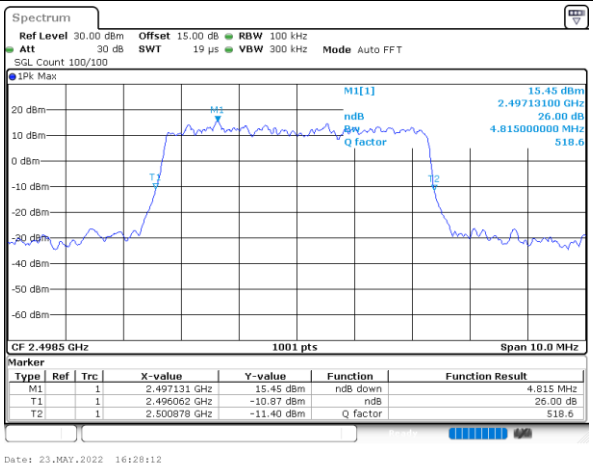


Highest Channel / 20MHz / 16QAM

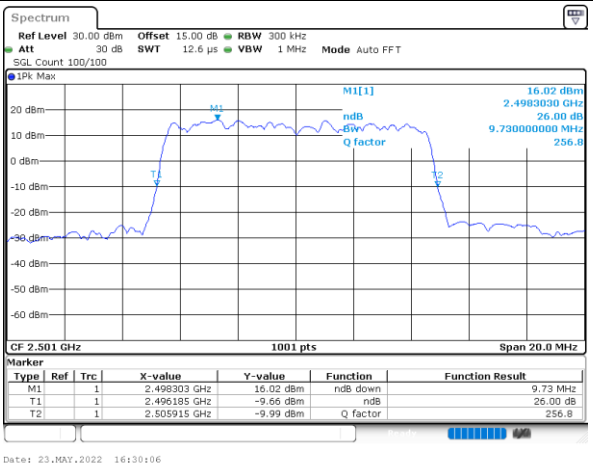


LTE Band 41

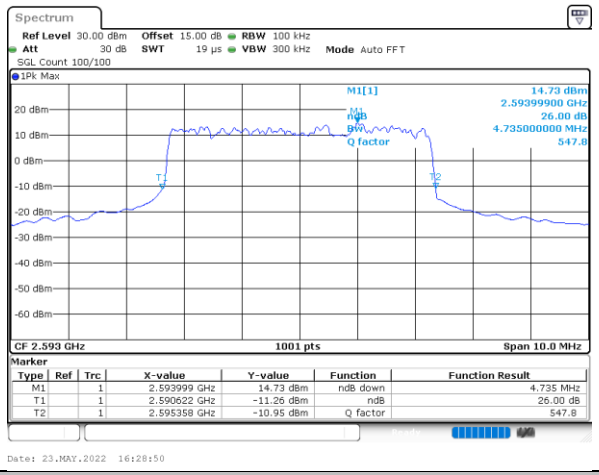
Lowest Channel / 5MHz / 64QAM



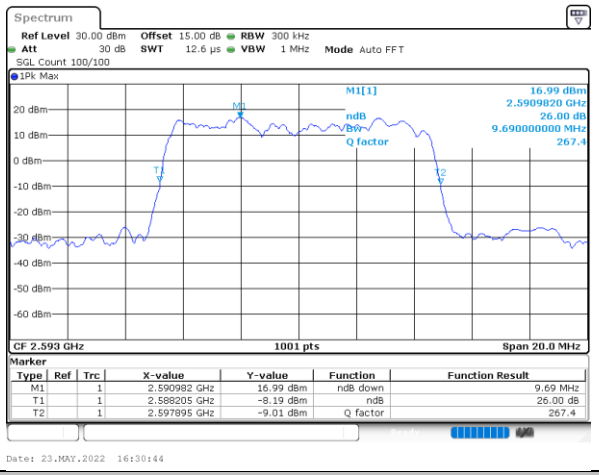
Lowest Channel / 10MHz / 64QAM



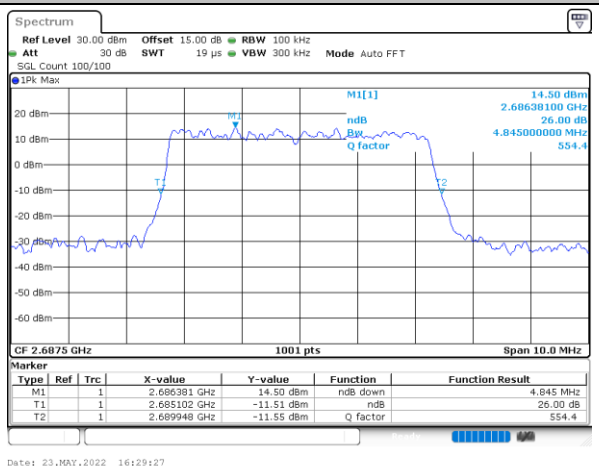
Middle Channel / 5MHz / 64QAM



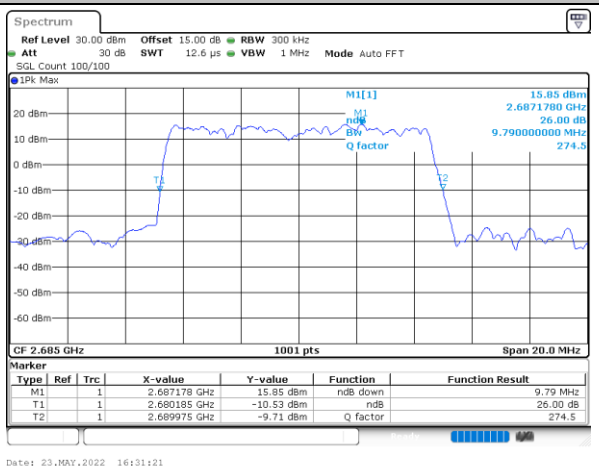
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

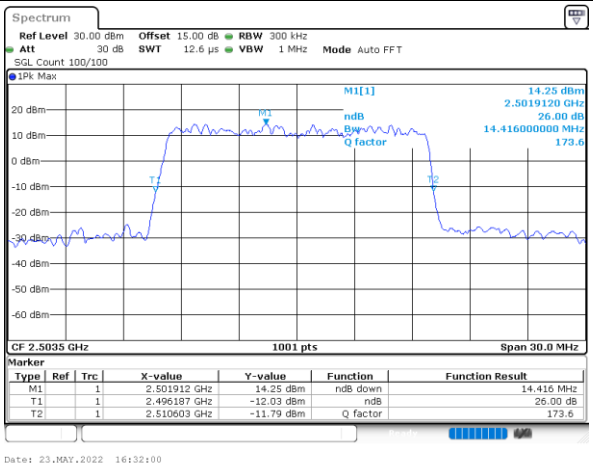


Highest Channel / 10MHz / 64QAM

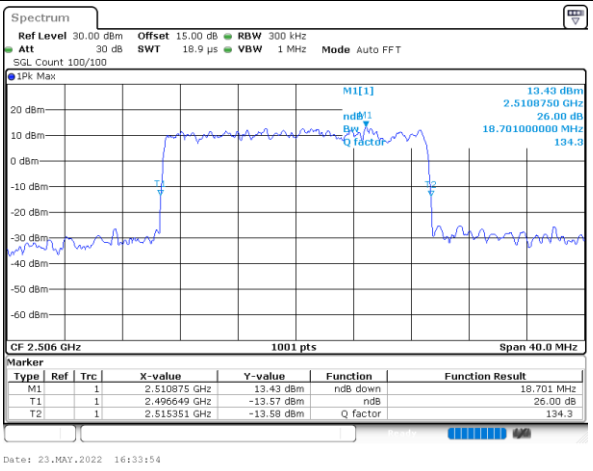


LTE Band 41

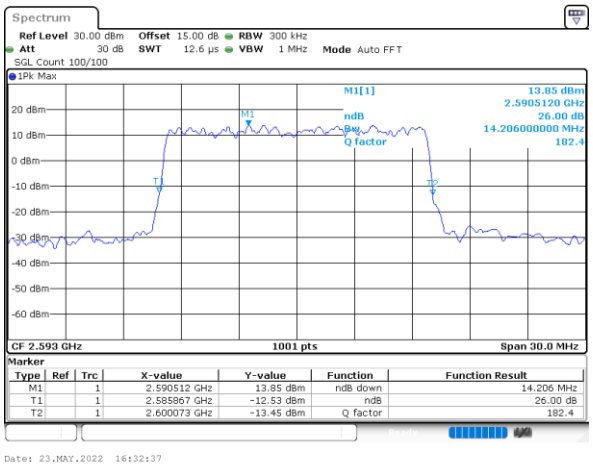
Lowest Channel / 15MHz / 64QAM



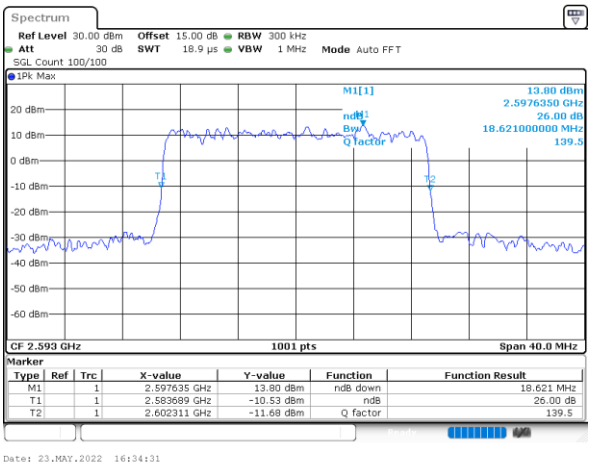
Lowest Channel / 20MHz / 64QAM



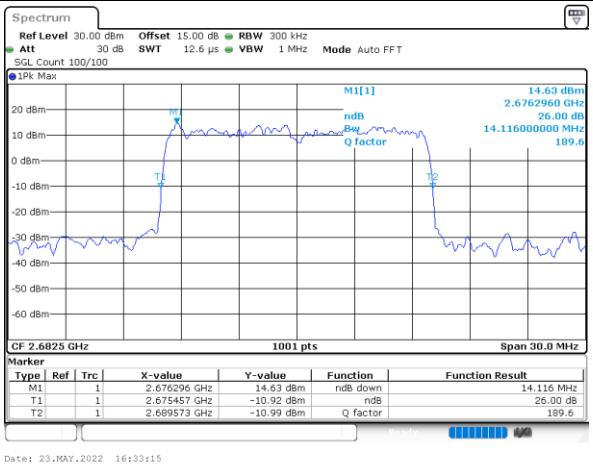
Middle Channel / 15MHz / 64QAM



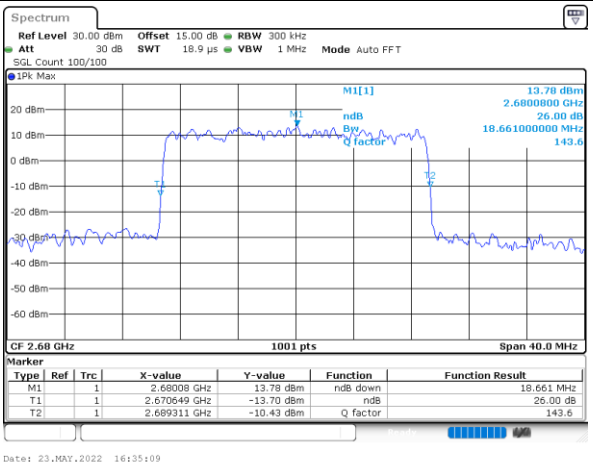
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM

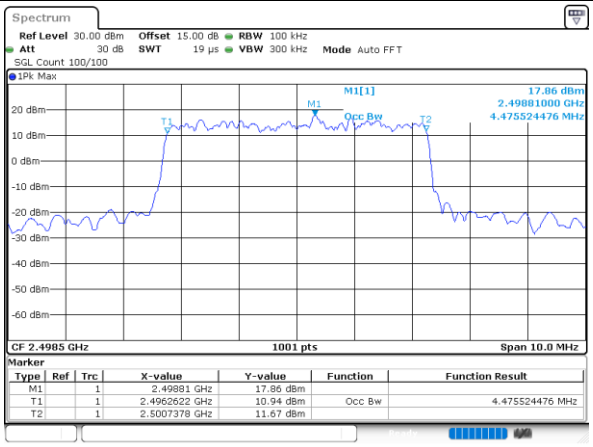


Occupied Bandwidth

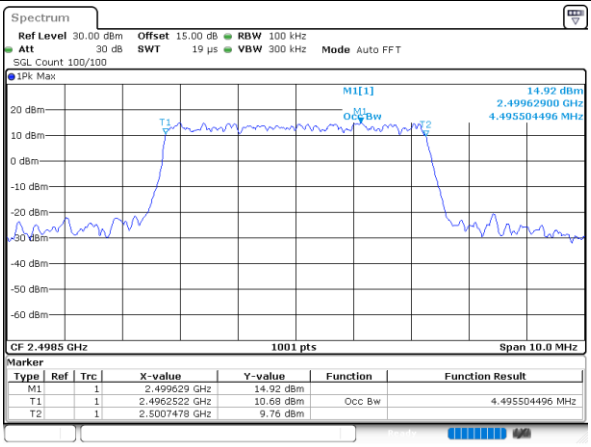
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.48	4.50	9.05	9.01	13.49	13.40	17.82	17.98
Middle CH	-	-	-	-	4.47	4.51	9.07	8.99	13.49	13.40	17.90	17.82
Highest CH	-	-	-	-	4.49	4.48	9.13	9.03	13.40	13.49	17.86	17.86
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.51	-	9.01	-	13.34	-	17.90	-
Middle CH	-	-	-	-	4.51	-	8.99	-	13.46	-	17.90	-
Highest CH	-	-	-	-	4.50	-	9.05	-	13.49	-	17.82	-

LTE Band 41

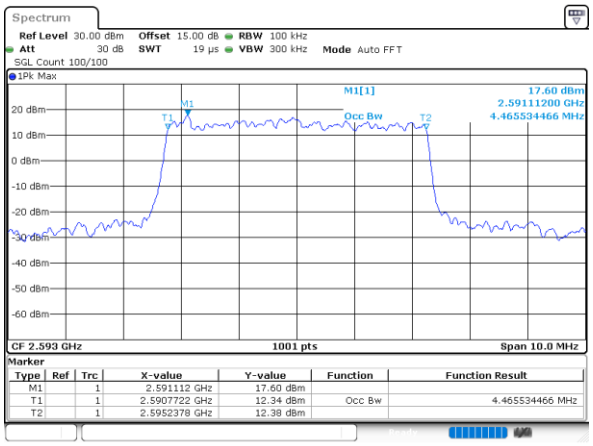
Lowest Channel / 5MHz / QPSK



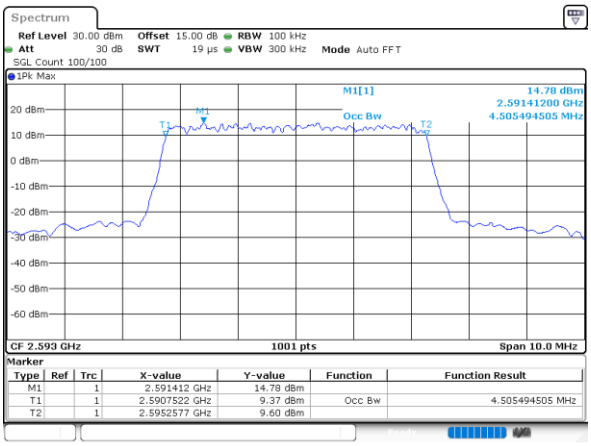
Lowest Channel / 5MHz / 16QAM



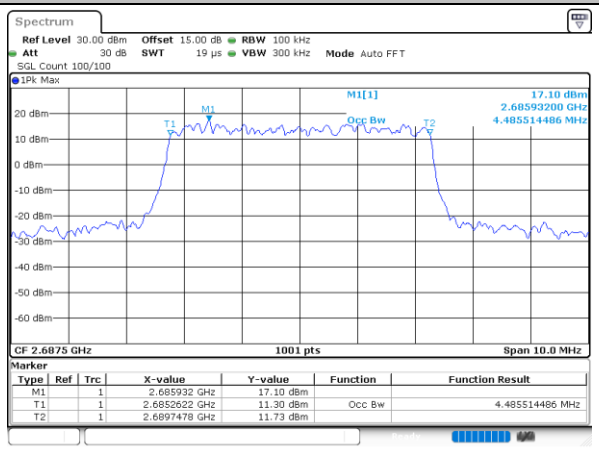
Middle Channel / 5MHz / QPSK



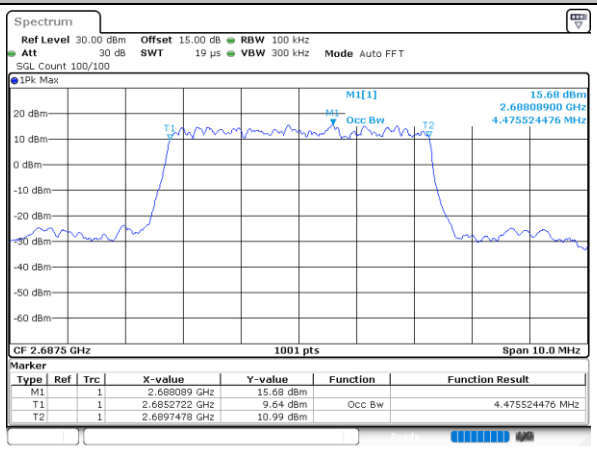
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

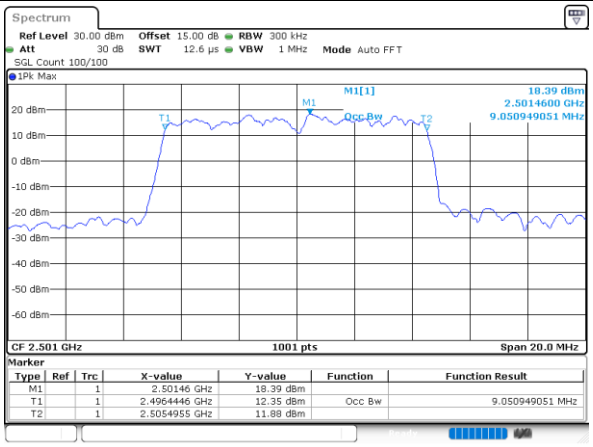


Highest Channel / 5MHz / 16QAM

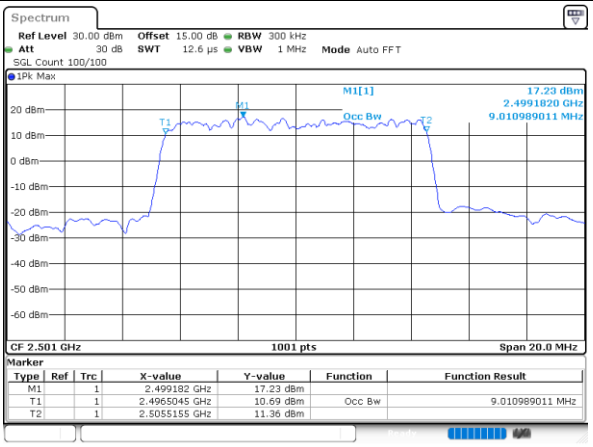


LTE Band 41

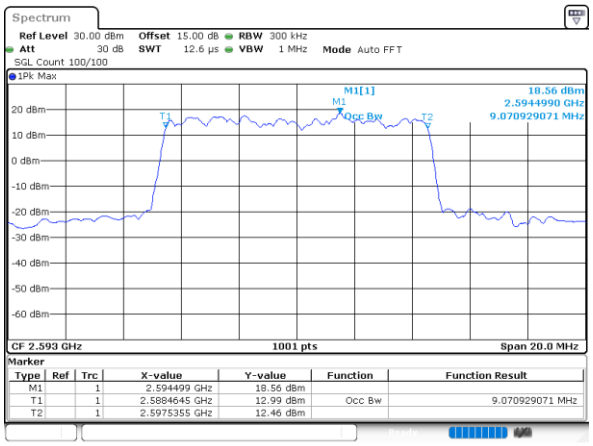
Lowest Channel / 10MHz / QPSK



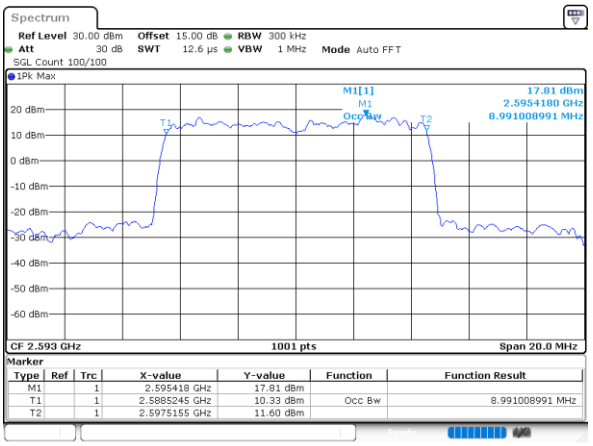
Lowest Channel / 10MHz / 16QAM



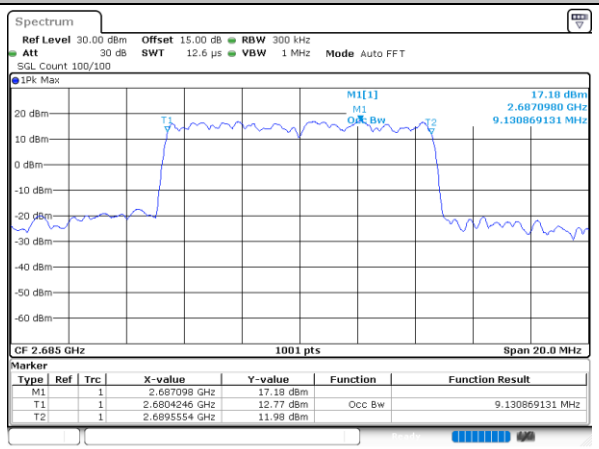
Middle Channel / 10MHz / QPSK



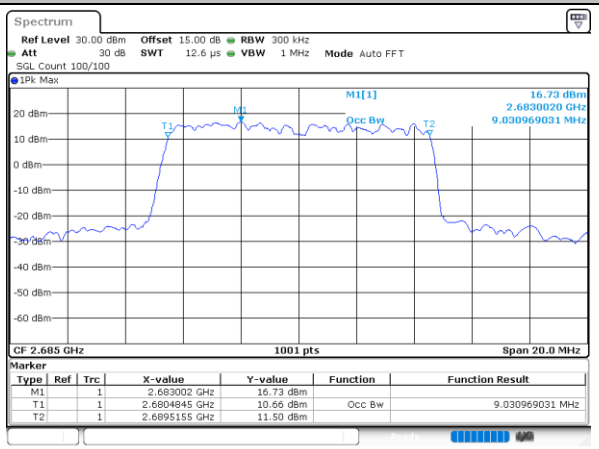
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

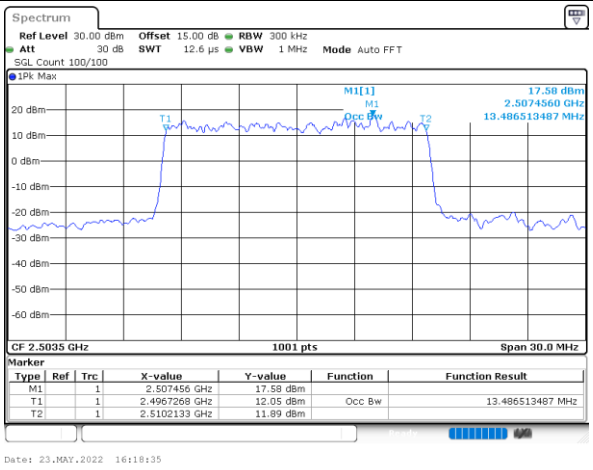


Highest Channel / 10MHz / 16QAM

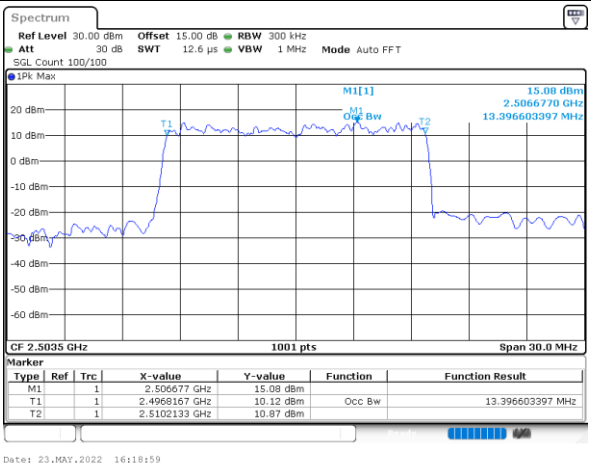


LTE Band 41

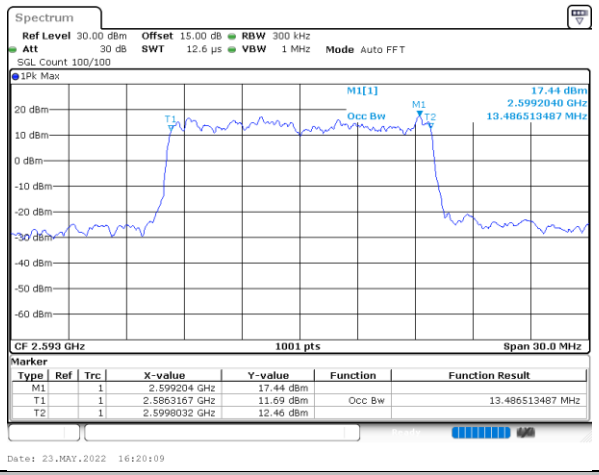
Lowest Channel / 15MHz / QPSK



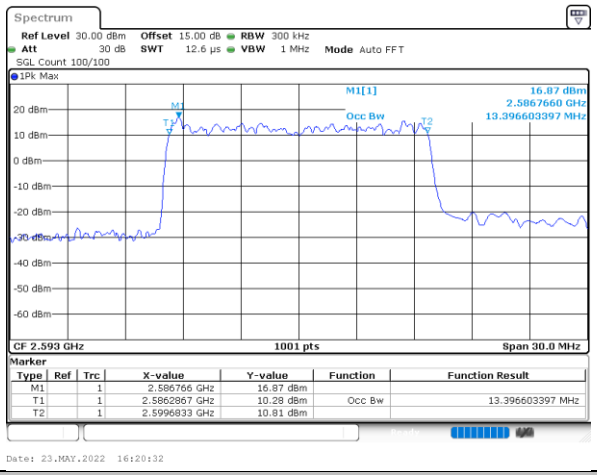
Lowest Channel / 15MHz / 16QAM



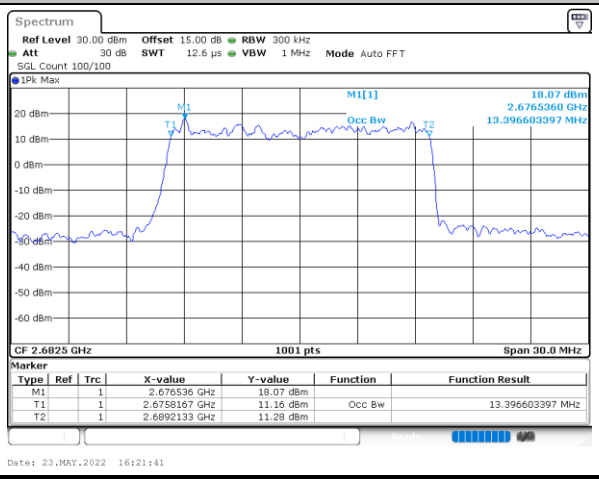
Middle Channel / 15MHz / QPSK



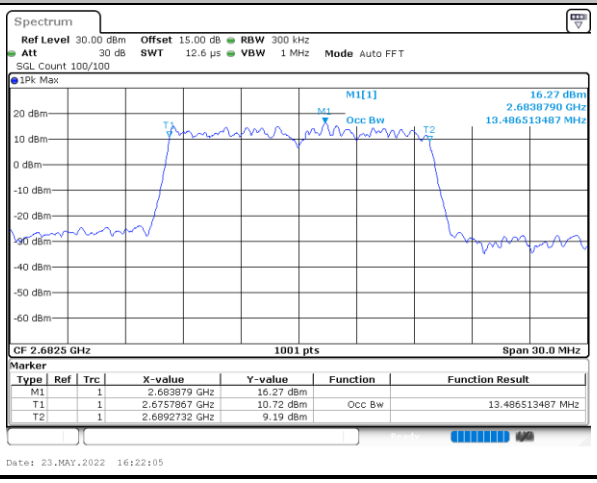
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

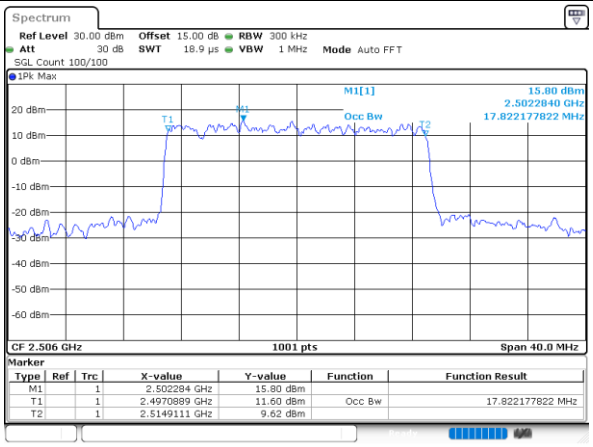


Highest Channel / 15MHz / 16QAM

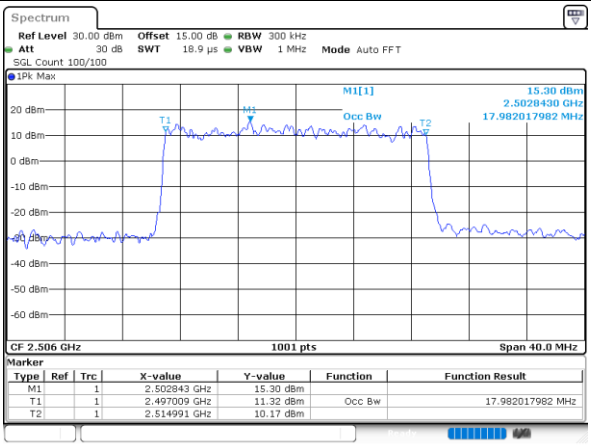


LTE Band 41

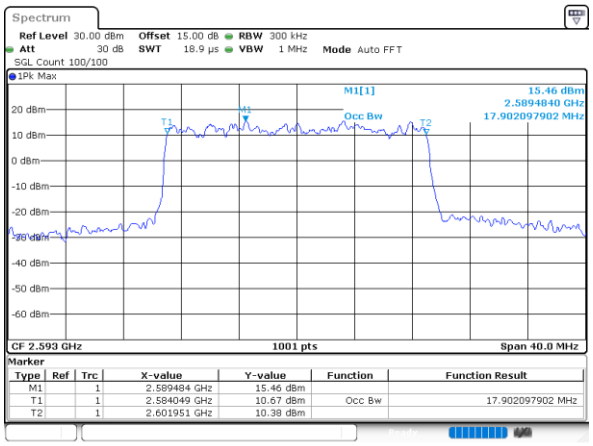
Lowest Channel / 20MHz / QPSK



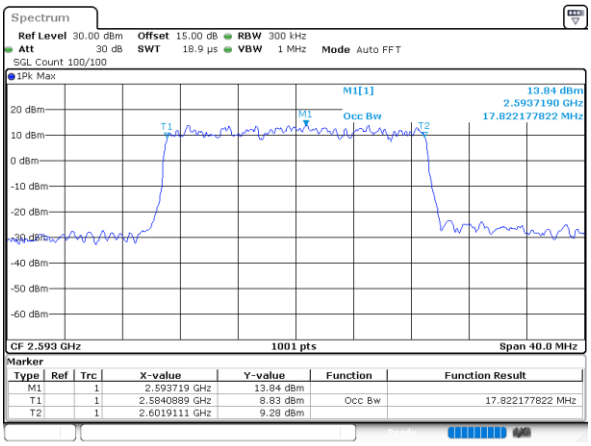
Lowest Channel / 20MHz / 16QAM



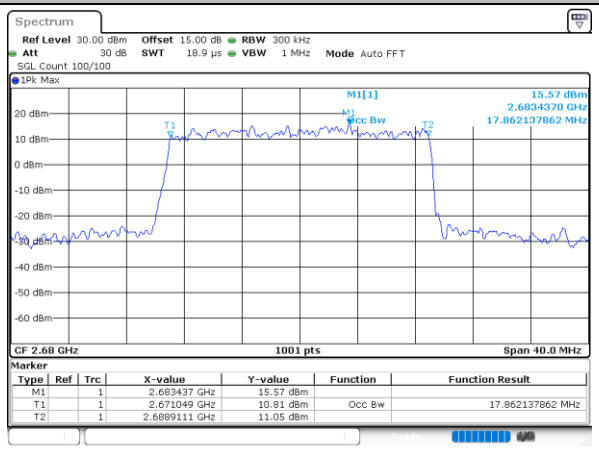
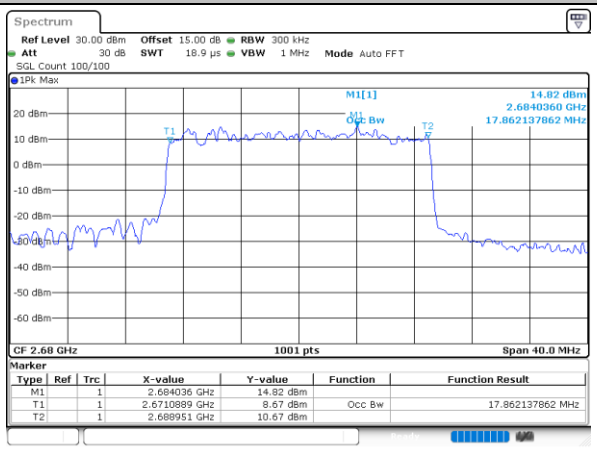
Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM