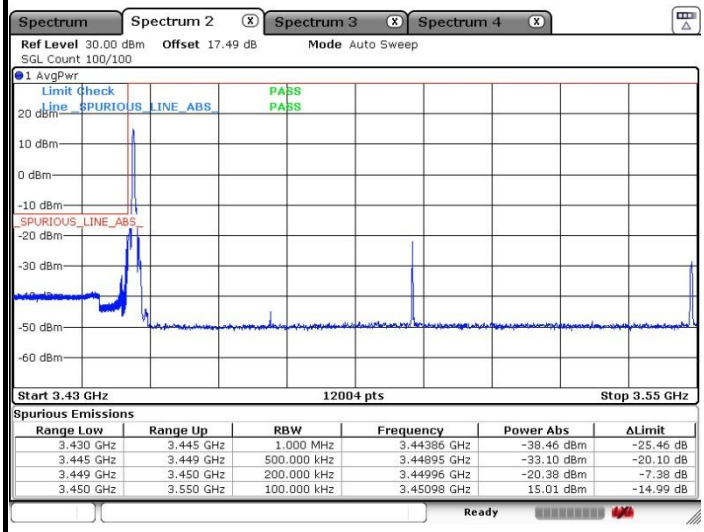
FR1 n78 /100MHz / CP OFDM / 256Q

Lowest Band Edge / 1RB0

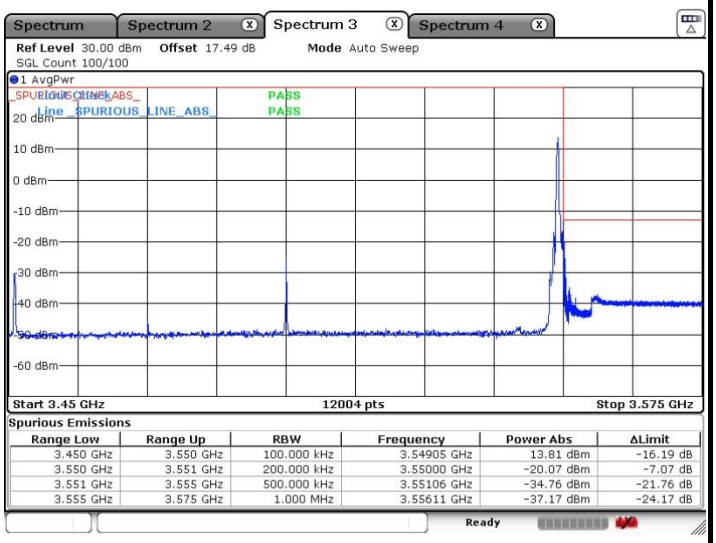


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44386 GHz	-38.46 dBm	-25.46 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44895 GHz	-33.10 dBm	-20.10 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44996 GHz	-20.38 dBm	-7.38 dB
3.450 GHz	3.550 GHz	100.000 kHz	3.45098 GHz	15.01 dBm	-14.99 dB

Date: 29.NOV.2021 15:28:31

Highest Band Edge / 1RBmax

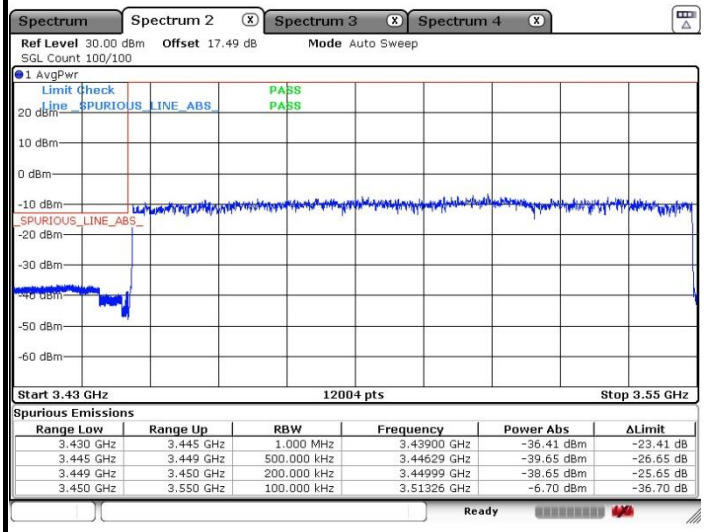


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.450 GHz	3.550 GHz	100.000 kHz	3.54905 GHz	13.81 dBm	-16.19 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55000 GHz	-20.07 dBm	-7.07 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55106 GHz	-34.76 dBm	-21.76 dB
3.555 GHz	3.575 GHz	1.000 MHz	3.55611 GHz	-37.17 dBm	-24.17 dB

Date: 29.NOV.2021 15:27:58

Lowest Band Edge / Full RB

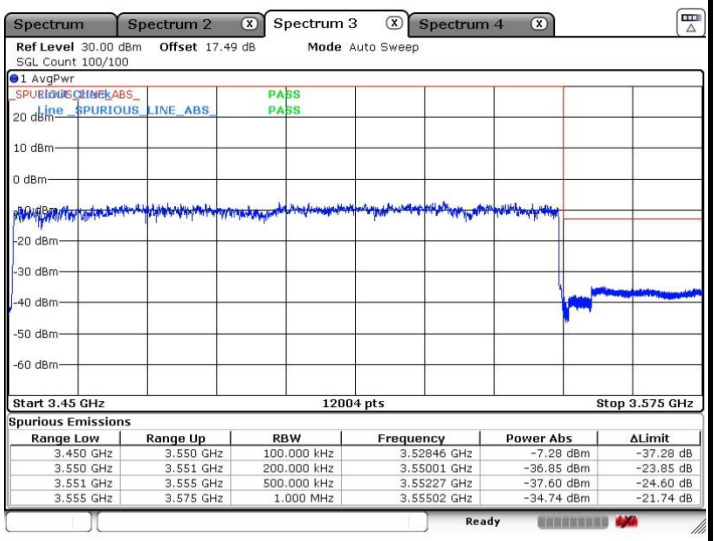


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.43900 GHz	-36.41 dBm	-23.41 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44629 GHz	-39.65 dBm	-26.65 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44999 GHz	-38.65 dBm	-25.65 dB
3.450 GHz	3.550 GHz	100.000 kHz	3.51326 GHz	-6.70 dBm	-36.70 dB

Date: 29.NOV.2021 15:23:40

Highest Band Edge / Full RB



Spurious Emissions

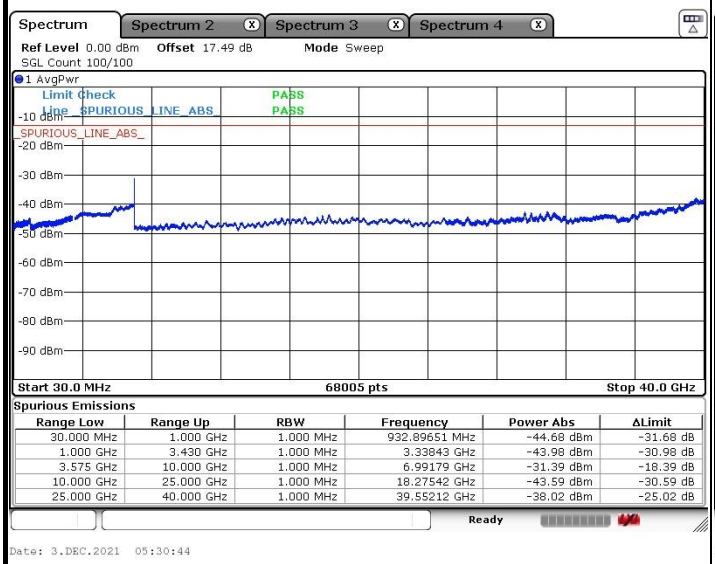
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.450 GHz	3.550 GHz	100.000 kHz	3.52846 GHz	-7.28 dBm	-37.28 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55001 GHz	-36.85 dBm	-23.85 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55227 GHz	-37.60 dBm	-24.60 dB
3.555 GHz	3.575 GHz	1.000 MHz	3.55502 GHz	-34.74 dBm	-21.74 dB

Date: 29.NOV.2021 15:24:25

Conducted Spurious Emission

FR1 n78 / 10MHz / CP OFDM / QPSK

Lowest Channel / 1RB0

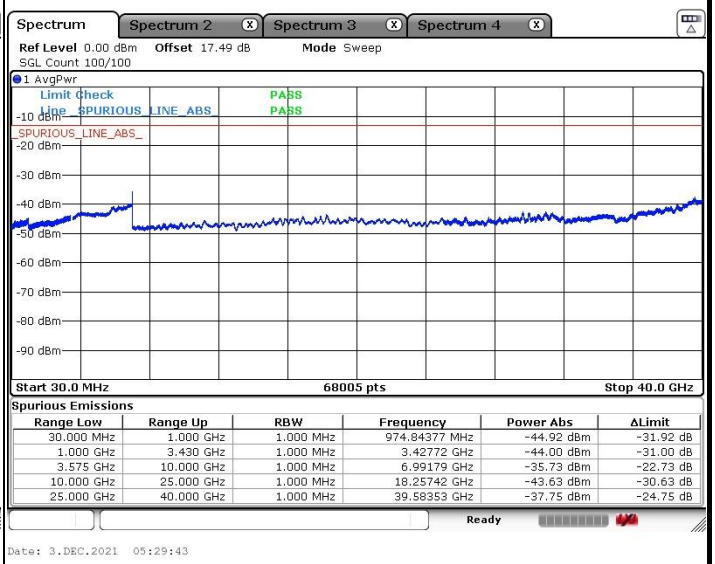


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.89651 MHz	-44.68 dBm	-31.68 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.33843 GHz	-43.98 dBm	-30.98 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.99179 GHz	-31.39 dBm	-18.39 dB
10.000 GHz	25.000 GHz	1.000 MHz	18.27542 GHz	-43.59 dBm	-30.59 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.55212 GHz	-38.02 dBm	-25.02 dB

Date: 3.DEC.2021 05:30:44

Middle Channel / 1RB0

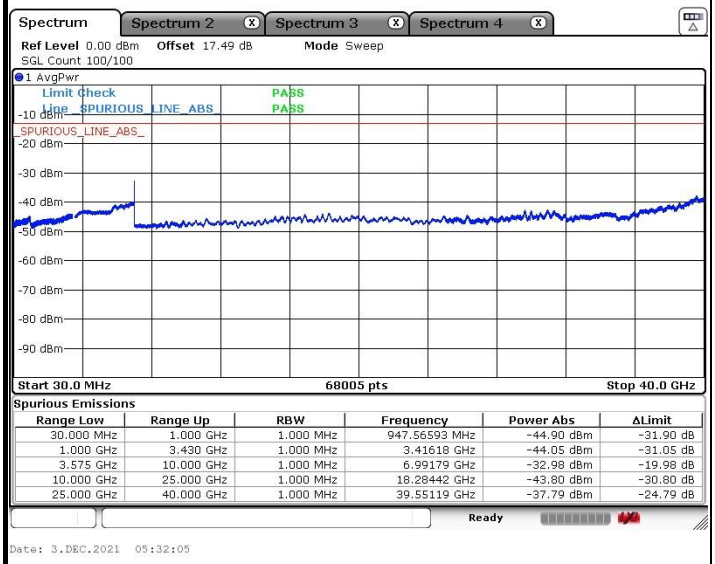


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.84377 MHz	-44.92 dBm	-31.92 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.42772 GHz	-44.00 dBm	-31.00 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.99179 GHz	-35.73 dBm	-22.73 dB
10.000 GHz	25.000 GHz	1.000 MHz	18.25742 GHz	-43.63 dBm	-30.63 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.58353 GHz	-37.75 dBm	-24.75 dB

Date: 3.DEC.2021 05:29:43

Highest Channel / 1RB0



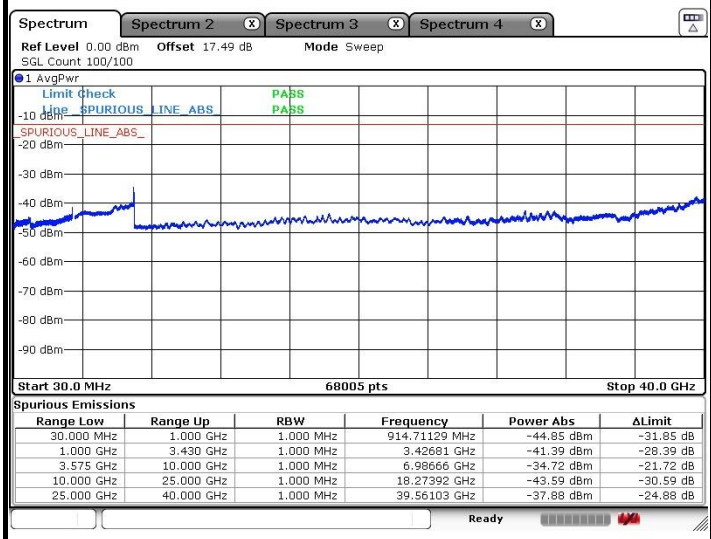
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.56593 MHz	-44.90 dBm	-31.90 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.41618 GHz	-44.05 dBm	-31.05 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.99179 GHz	-32.98 dBm	-19.98 dB
10.000 GHz	25.000 GHz	1.000 MHz	18.28442 GHz	-43.80 dBm	-30.80 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.55119 GHz	-37.79 dBm	-24.79 dB

Date: 3.DEC.2021 05:32:05

FR1 n78 / 15MHz / CP OFDM / QPSK

Lowest Channel / 1RB0

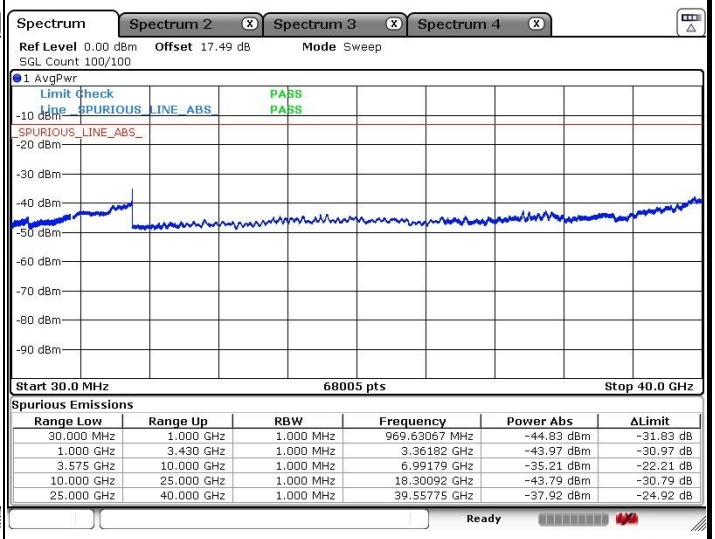


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.71129 MHz	-44.85 dBm	-31.85 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.42681 GHz	-41.39 dBm	-28.39 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.98666 GHz	-34.72 dBm	-21.72 dB
10.000 GHz	25.000 GHz	1.000 MHz	18.27392 GHz	-43.59 dBm	-30.59 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.56103 GHz	-37.88 dBm	-24.88 dB

Date: 3.DEC.2021 05:26:22

Middle Channel / 1RB0

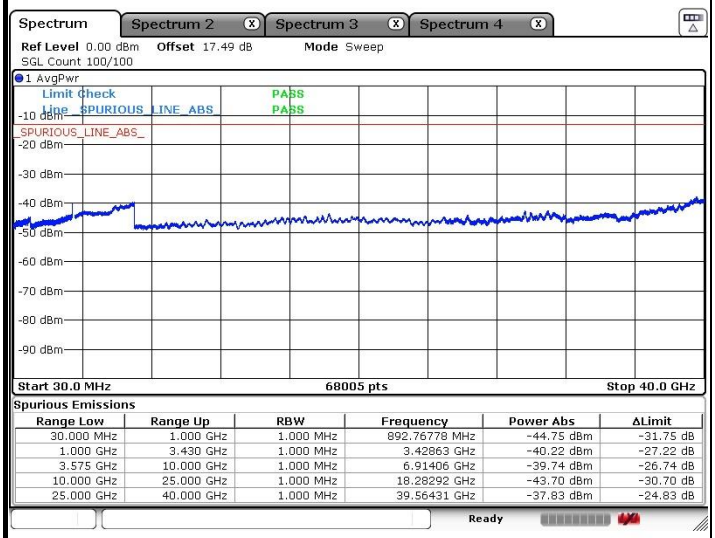


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.63067 MHz	-44.83 dBm	-31.83 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.36182 GHz	-43.97 dBm	-30.97 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.99179 GHz	-35.21 dBm	-22.21 dB
10.000 GHz	25.000 GHz	1.000 MHz	18.30092 GHz	-43.79 dBm	-30.79 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.55775 GHz	-37.92 dBm	-24.92 dB

Date: 3.DEC.2021 05:28:31

Highest Channel / 1RB0



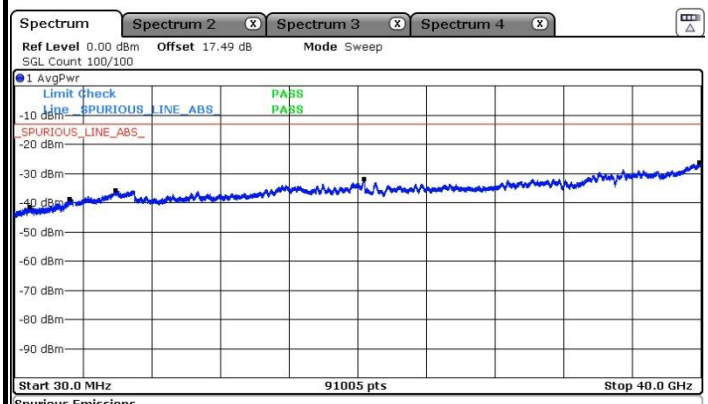
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.76778 MHz	-44.75 dBm	-31.75 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.42863 GHz	-40.22 dBm	-27.22 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.91406 GHz	-39.74 dBm	-26.74 dB
10.000 GHz	25.000 GHz	1.000 MHz	18.28292 GHz	-43.70 dBm	-30.70 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.56431 GHz	-37.83 dBm	-24.83 dB

Date: 3.DEC.2021 05:25:07

FR1 n78 / 20MHz / CP OFDM / QPSK

Lowest Channel / 1RB0



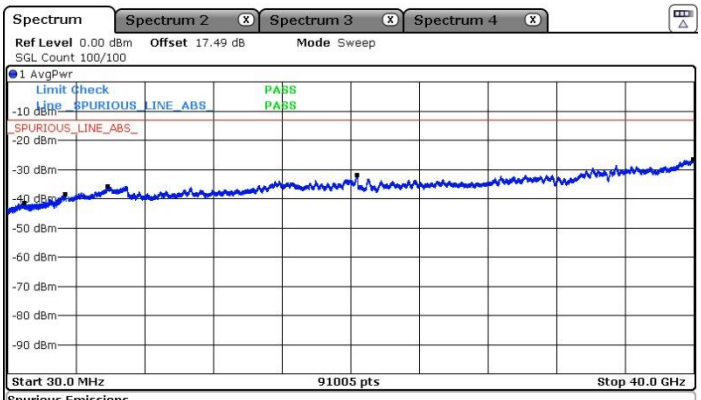
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	888.59910 MHz	-41.42 dBm	-28.42 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.22788 GHz	-38.73 dBm	-25.73 dB
3.575 GHz	10.000 GHz	1.000 MHz	5.88720 GHz	-35.77 dBm	-22.77 dB
10.000 GHz	25.000 GHz	1.000 MHz	20.35460 GHz	-31.92 dBm	-18.92 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.89758 GHz	-26.37 dBm	-13.37 dB

Ready

Date: 29.NOV.2021 18:46:59

Middle Channel / 1RB0



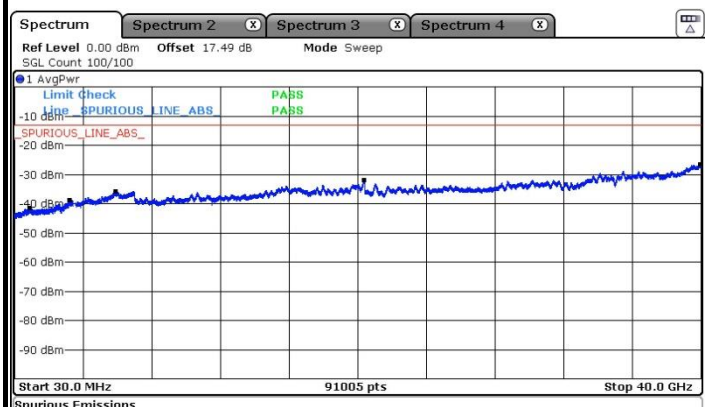
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.09048 MHz	-41.41 dBm	-28.41 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.37579 GHz	-38.58 dBm	-25.58 dB
3.575 GHz	10.000 GHz	1.000 MHz	5.86879 GHz	-35.82 dBm	-22.82 dB
10.000 GHz	25.000 GHz	1.000 MHz	20.37757 GHz	-31.83 dBm	-18.83 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.96602 GHz	-26.60 dBm	-13.60 dB

Ready

Date: 29.NOV.2021 18:45:38

Highest Channel / 1RB0



Spurious Emissions

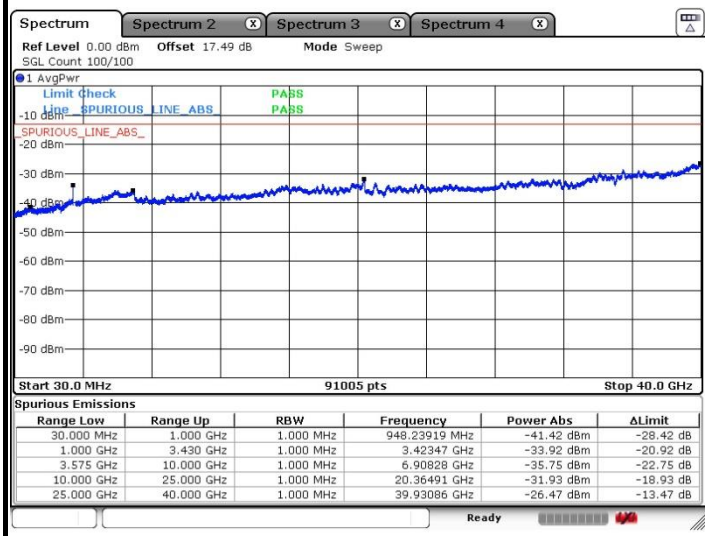
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	900.47863 MHz	-41.43 dBm	-28.43 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.22606 GHz	-38.66 dBm	-25.66 dB
3.575 GHz	10.000 GHz	1.000 MHz	5.87435 GHz	-35.78 dBm	-22.78 dB
10.000 GHz	25.000 GHz	1.000 MHz	20.35975 GHz	-32.01 dBm	-19.01 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.94211 GHz	-26.43 dBm	-13.43 dB

Ready

Date: 29.NOV.2021 18:58:26

FR1 n78 / 30MHz / CP OFDM / QPSK

Lowest Channel / 1RB0

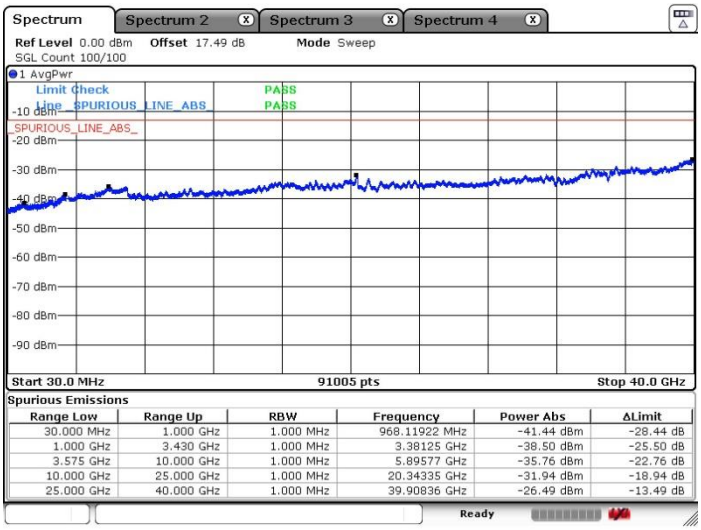


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	948.23919 MHz	-41.42 dBm	-28.42 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.42347 GHz	-33.92 dBm	-20.92 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.90828 GHz	-35.75 dBm	-22.75 dB
10.000 GHz	25.000 GHz	1.000 MHz	20.36491 GHz	-31.93 dBm	-18.93 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.93086 GHz	-26.47 dBm	-13.47 dB

Date: 29.NOV.2021 18:18:40

Middle Channel / 1RB0

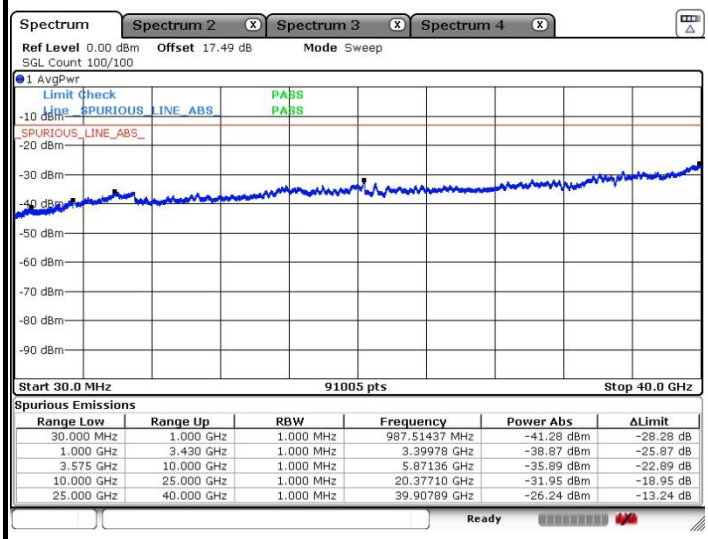


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	968.11922 MHz	-41.44 dBm	-28.44 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.38125 GHz	-38.50 dBm	-25.50 dB
3.575 GHz	10.000 GHz	1.000 MHz	5.89577 GHz	-35.76 dBm	-22.76 dB
10.000 GHz	25.000 GHz	1.000 MHz	20.34335 GHz	-31.94 dBm	-18.94 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.90836 GHz	-26.49 dBm	-13.49 dB

Date: 29.NOV.2021 18:16:33

Highest Channel / 1RB0



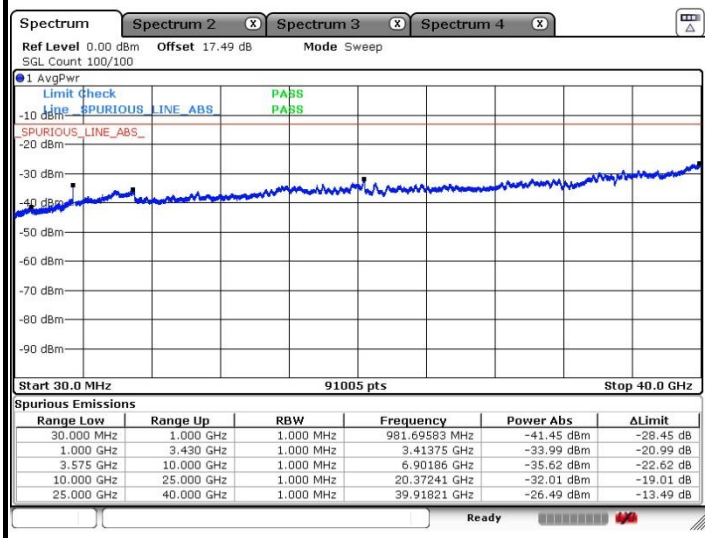
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.51437 MHz	-41.28 dBm	-28.28 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.39978 GHz	-38.87 dBm	-25.87 dB
3.575 GHz	10.000 GHz	1.000 MHz	5.87136 GHz	-35.89 dBm	-22.89 dB
10.000 GHz	25.000 GHz	1.000 MHz	20.37710 GHz	-31.95 dBm	-18.95 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.90789 GHz	-26.24 dBm	-13.24 dB

Date: 29.NOV.2021 18:28:12

FR1 n78 / 40MHz / CP OFDM / QPSK

Lowest Channel / 1RB0

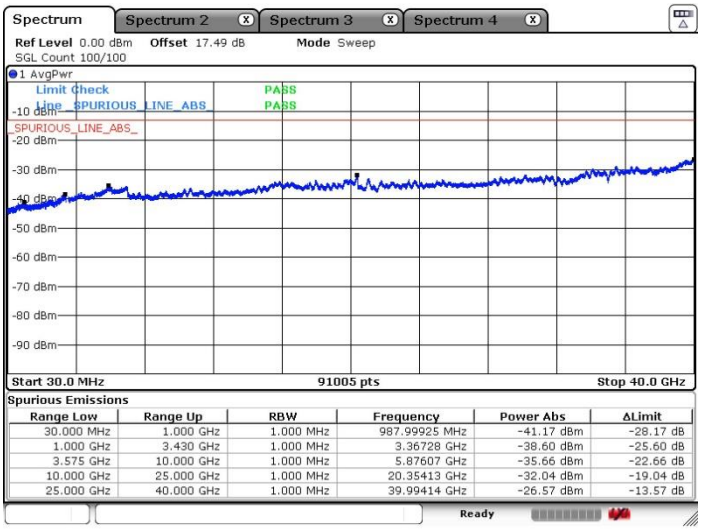


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.69583 MHz	-41.45 dBm	-28.45 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.41375 GHz	-33.99 dBm	-20.99 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.90186 GHz	-35.62 dBm	-22.62 dB
10.000 GHz	25.000 GHz	1.000 MHz	20.37241 GHz	-32.01 dBm	-19.01 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.91821 GHz	-26.49 dBm	-13.49 dB

Date: 29.NOV.2021 18:05:19

Middle Channel / 1RB0

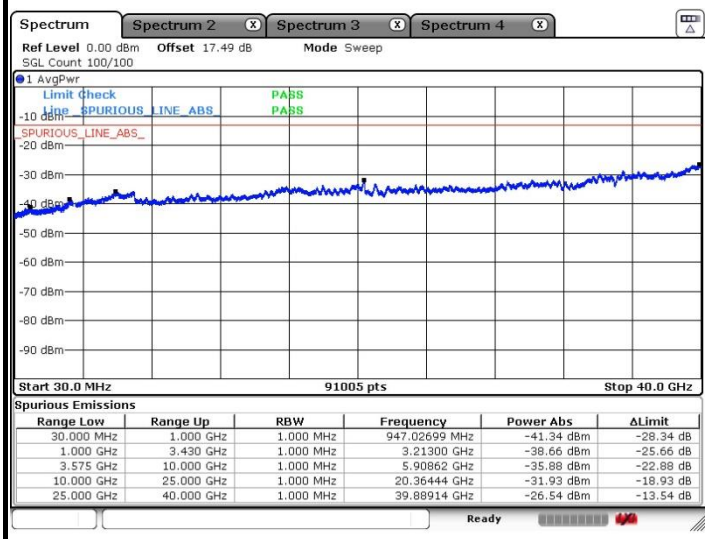


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.99925 MHz	-41.17 dBm	-28.17 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.36728 GHz	-38.60 dBm	-25.60 dB
3.575 GHz	10.000 GHz	1.000 MHz	5.87607 GHz	-35.66 dBm	-22.66 dB
10.000 GHz	25.000 GHz	1.000 MHz	20.35413 GHz	-32.04 dBm	-19.04 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99414 GHz	-26.57 dBm	-13.57 dB

Date: 29.NOV.2021 18:06:47

Highest Channel / 1RB0



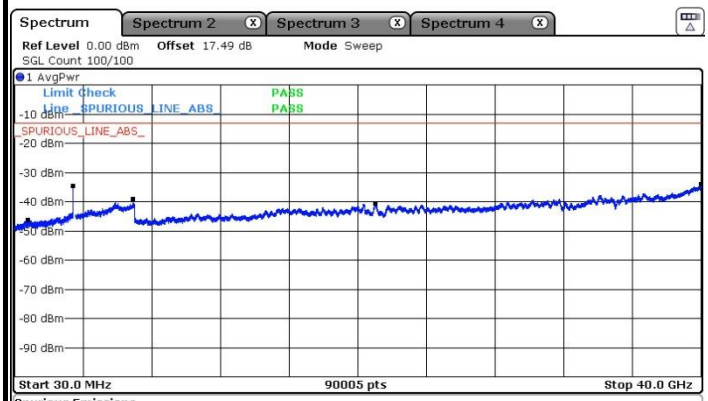
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.02699 MHz	-41.34 dBm	-28.34 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.21300 GHz	-38.66 dBm	-25.66 dB
3.575 GHz	10.000 GHz	1.000 MHz	5.90862 GHz	-35.88 dBm	-22.88 dB
10.000 GHz	25.000 GHz	1.000 MHz	20.36444 GHz	-31.93 dBm	-18.93 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.88914 GHz	-26.54 dBm	-13.54 dB

Date: 29.NOV.2021 18:14:53

FR1 n78 / 50MHz / CP OFDM / QPSK

Lowest Channel / 1RB0



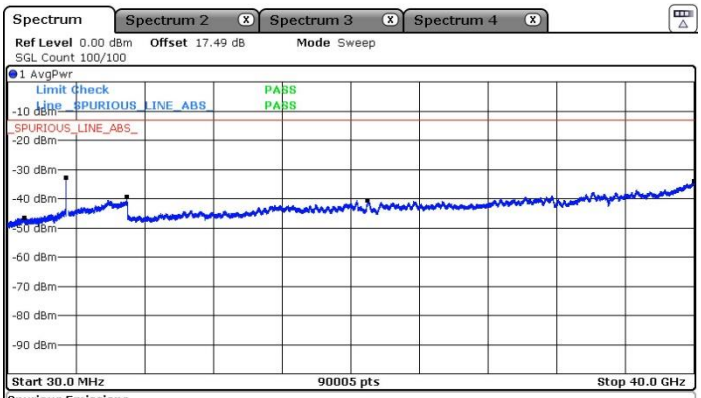
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	807.38190 MHz	-46.31 dBm	-33.31 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.40403 GHz	-34.64 dBm	-21.64 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.90274 GHz	-39.04 dBm	-26.04 dB
10.000 GHz	25.000 GHz	1.000 MHz	21.05114 GHz	-40.71 dBm	-27.71 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99275 GHz	-33.94 dBm	-20.94 dB

Ready

Date: 29.NOV.2021 16:40:03

Middle Channel / 1RB0



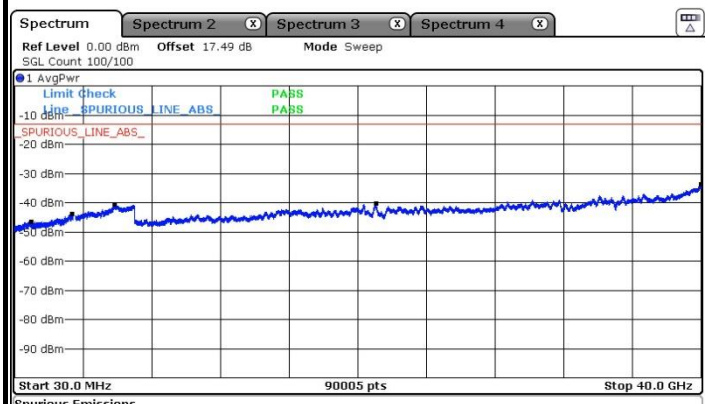
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.51337 MHz	-46.47 dBm	-33.47 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.42894 GHz	-32.92 dBm	-19.92 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.95213 GHz	-39.35 dBm	-26.35 dB
10.000 GHz	25.000 GHz	1.000 MHz	20.99911 GHz	-40.56 dBm	-27.56 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99275 GHz	-34.16 dBm	-21.16 dB

Ready

Date: 29.NOV.2021 16:38:36

Highest Channel / 1RB0



Spurious Emissions

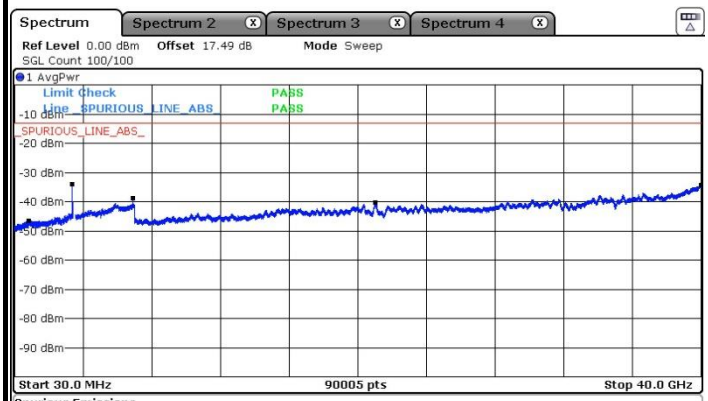
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.15146 MHz	-46.64 dBm	-33.64 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.36728 GHz	-43.80 dBm	-30.80 dB
3.575 GHz	10.000 GHz	1.000 MHz	5.85593 GHz	-40.46 dBm	-27.46 dB
10.000 GHz	25.000 GHz	1.000 MHz	21.05348 GHz	-40.43 dBm	-27.43 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99725 GHz	-33.83 dBm	-20.83 dB

Ready

Date: 29.NOV.2021 16:48:16

FR1 n78 / 60MHz / CP OFDM / QPSK

Lowest Channel / 1RB0



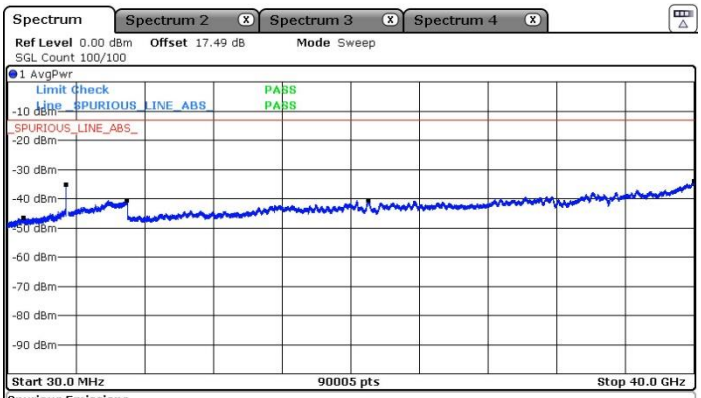
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	859.50637 MHz	-46.55 dBm	-33.55 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.39310 GHz	-34.09 dBm	-21.09 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.90234 GHz	-38.67 dBm	-25.67 dB
10.000 GHz	25.000 GHz	1.000 MHz	21.02723 GHz	-40.38 dBm	-27.38 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.97475 GHz	-34.20 dBm	-21.20 dB

Ready

Date: 29.NOV.2021 16:22:15

Middle Channel / 1RB0



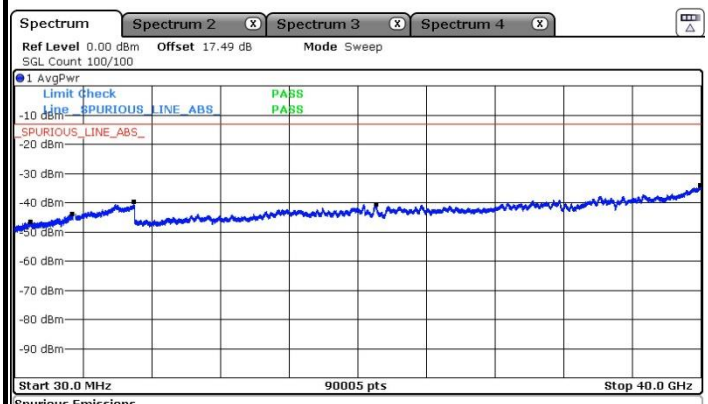
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.23819 MHz	-46.46 dBm	-33.46 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.41314 GHz	-35.17 dBm	-22.17 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.94169 GHz	-40.48 dBm	-27.48 dB
10.000 GHz	25.000 GHz	1.000 MHz	21.02770 GHz	-40.58 dBm	-27.58 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99725 GHz	-34.08 dBm	-21.08 dB

Ready

Date: 29.NOV.2021 16:20:38

Highest Channel / 1RB0



Spurious Emissions

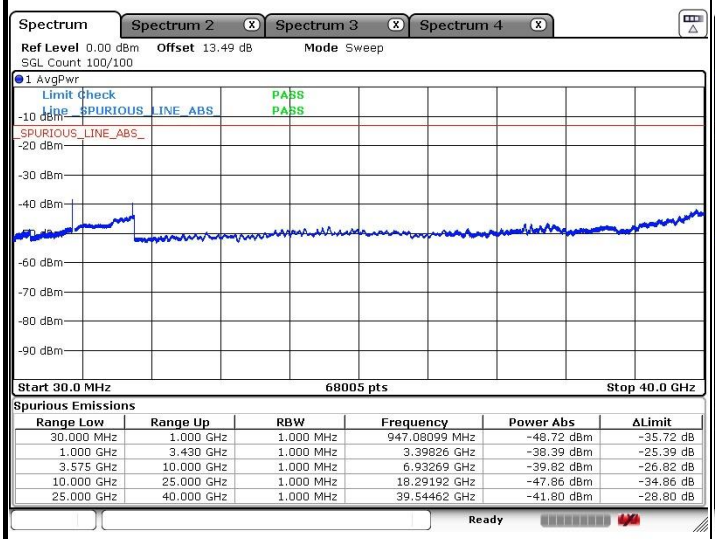
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.84554 MHz	-46.43 dBm	-33.43 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.37882 GHz	-43.88 dBm	-30.88 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.98225 GHz	-39.74 dBm	-26.74 dB
10.000 GHz	25.000 GHz	1.000 MHz	21.05395 GHz	-40.47 dBm	-27.47 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.97175 GHz	-34.07 dBm	-21.07 dB

Ready

Date: 29.NOV.2021 16:36:28

FR1 n78 / 70MHz / CP OFDM / QPSK

Lowest Channel / 1RB0

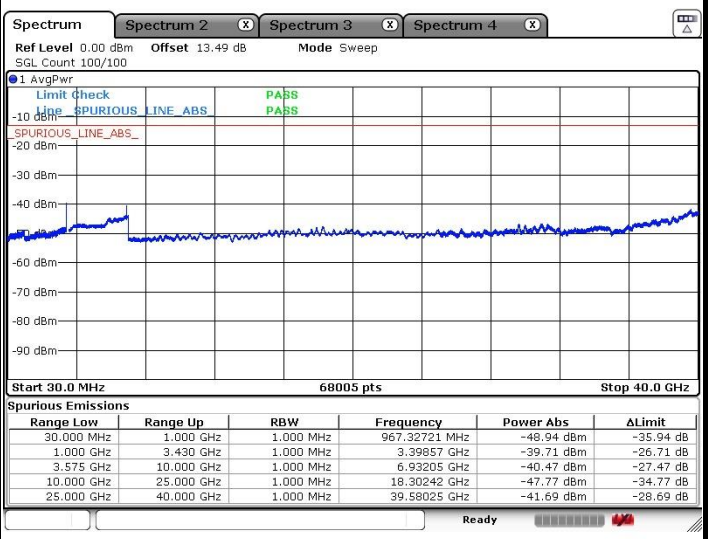


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.08099 MHz	-48.72 dBm	-35.72 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.39826 GHz	-38.39 dBm	-25.39 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.93269 GHz	-39.82 dBm	-26.82 dB
10.000 GHz	25.000 GHz	1.000 MHz	18.29192 GHz	-47.86 dBm	-34.86 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.54462 GHz	-41.80 dBm	-28.80 dB

Date: 3.DEC.2021 04:52:20

Middle Channel / 1RB0

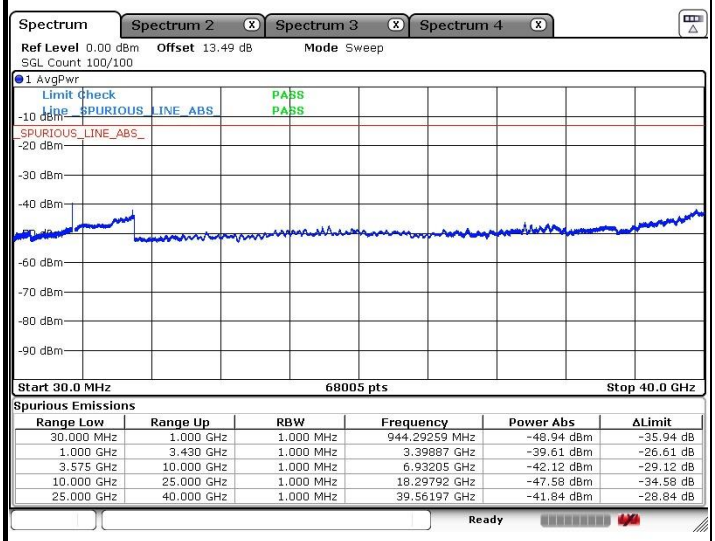


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.32721 MHz	-48.94 dBm	-35.94 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.39857 GHz	-39.71 dBm	-26.71 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.93205 GHz	-40.47 dBm	-27.47 dB
10.000 GHz	25.000 GHz	1.000 MHz	18.30242 GHz	-47.77 dBm	-34.77 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.58025 GHz	-41.69 dBm	-28.69 dB

Date: 3.DEC.2021 04:48:56

Highest Channel / 1RB0



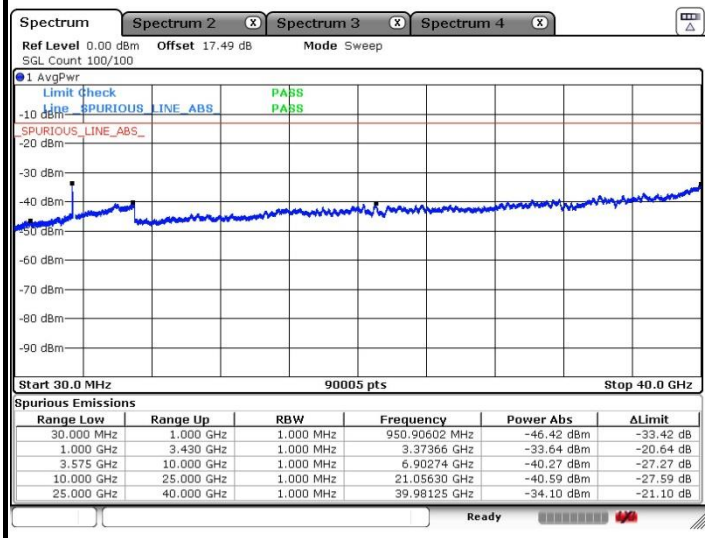
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.29259 MHz	-48.94 dBm	-35.94 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.39887 GHz	-39.61 dBm	-26.61 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.93205 GHz	-42.12 dBm	-29.12 dB
10.000 GHz	25.000 GHz	1.000 MHz	18.29792 GHz	-47.58 dBm	-34.58 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.56197 GHz	-41.84 dBm	-28.84 dB

Date: 3.DEC.2021 04:50:39

FR1 n78 / 80MHz / CP OFDM / QPSK

Lowest Channel / 1RB0

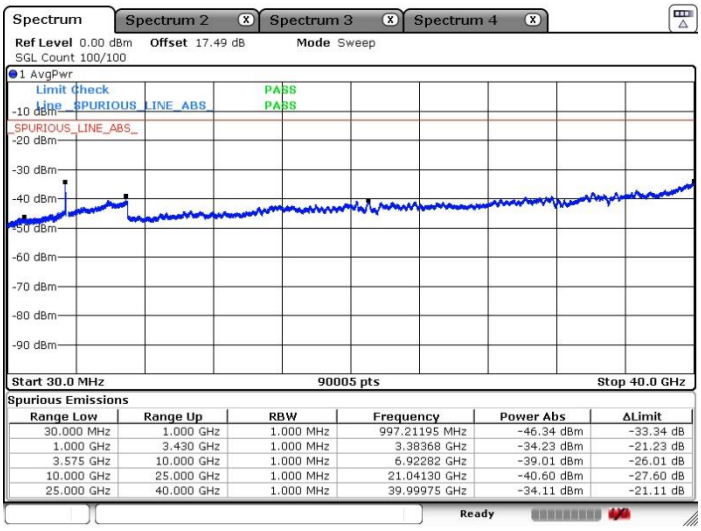


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	950.90602 MHz	-46.42 dBm	-33.42 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.37366 GHz	-33.64 dBm	-20.64 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.90274 GHz	-40.27 dBm	-27.27 dB
10.000 GHz	25.000 GHz	1.000 MHz	21.05630 GHz	-40.59 dBm	-27.59 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.98125 GHz	-34.10 dBm	-21.10 dB

Date: 29.NOV.2021 16:03:24

Middle Channel / 1RB0

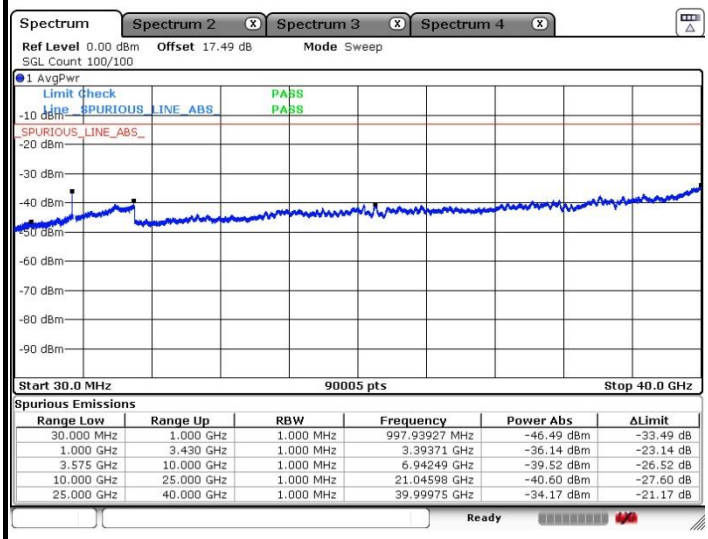


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.21195 MHz	-46.34 dBm	-33.34 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.38368 GHz	-34.23 dBm	-21.23 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.92282 GHz	-39.01 dBm	-26.01 dB
10.000 GHz	25.000 GHz	1.000 MHz	21.04130 GHz	-40.60 dBm	-27.60 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99975 GHz	-34.11 dBm	-21.11 dB

Date: 29.NOV.2021 16:01:39

Highest Channel / 1RB0



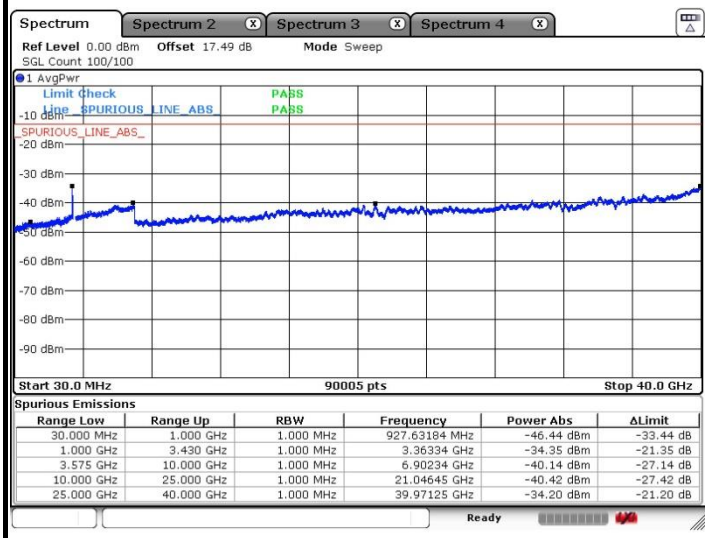
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.93927 MHz	-46.49 dBm	-33.49 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.39371 GHz	-36.14 dBm	-23.14 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.94249 GHz	-39.52 dBm	-26.52 dB
10.000 GHz	25.000 GHz	1.000 MHz	21.04598 GHz	-40.60 dBm	-27.60 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99975 GHz	-34.17 dBm	-21.17 dB

Date: 29.NOV.2021 16:18:15

FR1 n78 / 90MHz / CP OFDM / QPSK

Lowest Channel / 1RB0

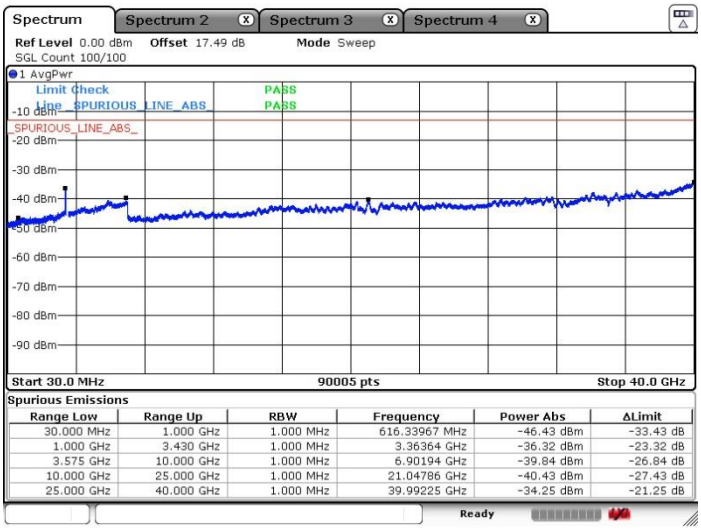


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	927.63184 MHz	-46.44 dBm	-33.44 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.36334 GHz	-34.35 dBm	-21.35 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.90234 GHz	-40.14 dBm	-27.14 dB
10.000 GHz	25.000 GHz	1.000 MHz	21.04645 GHz	-40.42 dBm	-27.42 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.97125 GHz	-34.20 dBm	-21.20 dB

Date: 29.NOV.2021 15:42:03

Middle Channel / 1RB0

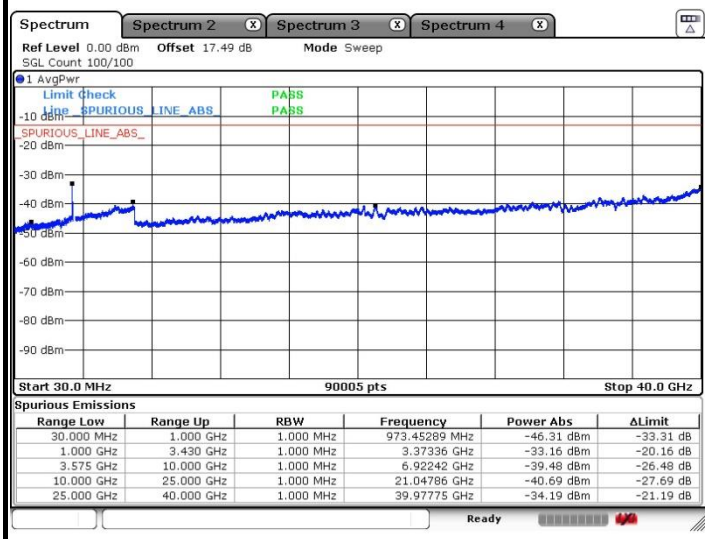


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	616.33967 MHz	-46.43 dBm	-33.43 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.36364 GHz	-36.32 dBm	-23.32 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.90194 GHz	-39.84 dBm	-26.84 dB
10.000 GHz	25.000 GHz	1.000 MHz	21.04786 GHz	-40.43 dBm	-27.43 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99225 GHz	-34.25 dBm	-21.25 dB

Date: 29.NOV.2021 15:40:31

Highest Channel / 1RB0

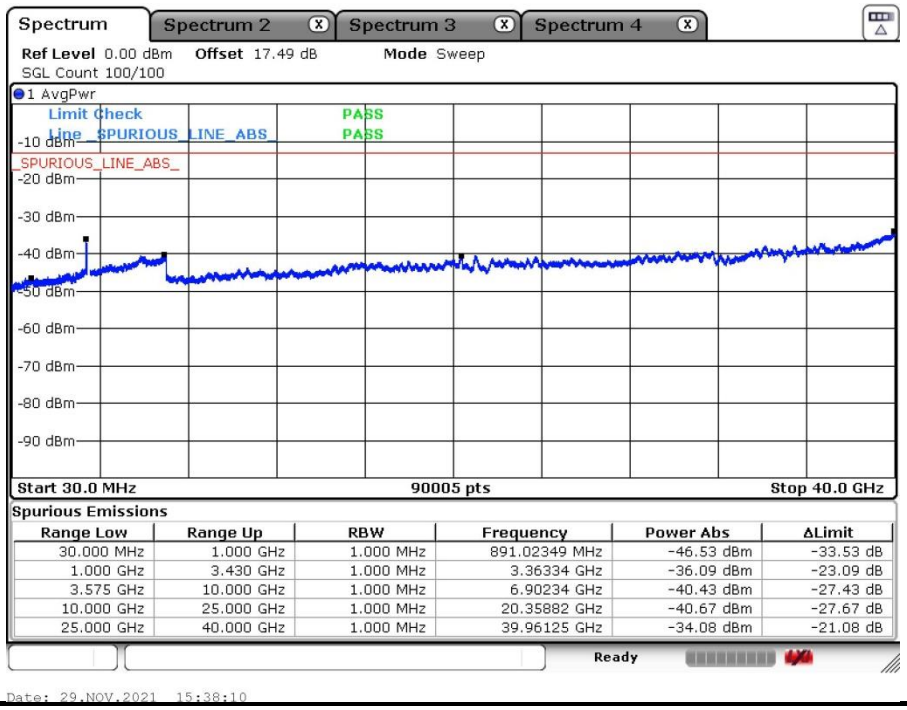


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.45289 MHz	-46.31 dBm	-33.31 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.37336 GHz	-33.16 dBm	-20.16 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.92242 GHz	-39.48 dBm	-26.48 dB
10.000 GHz	25.000 GHz	1.000 MHz	21.04786 GHz	-40.69 dBm	-27.69 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.97775 GHz	-34.19 dBm	-21.19 dB

Date: 29.NOV.2021 15:58:34

FR1 n78 / 100MHz / CP OFDM / QPSK
Middle Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	891.02349 MHz	-46.53 dBm	-33.53 dB
1.000 GHz	3.430 GHz	1.000 MHz	3.36334 GHz	-36.09 dBm	-23.09 dB
3.575 GHz	10.000 GHz	1.000 MHz	6.90234 GHz	-40.43 dBm	-27.43 dB
10.000 GHz	25.000 GHz	1.000 MHz	20.35882 GHz	-40.67 dBm	-27.67 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.96125 GHz	-34.08 dBm	-21.08 dB

Frequency Stability

Test Conditions		FR1 n78 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0045	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0039	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0077	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0001	

Note:

3. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.

4. .Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris Chen	Temperature :	22~23℃
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for the different antenna combinations for EN-DC mode, we choose the worst antenna mode to test.

SA n77 / NR 100MHz / QPSK / ANT12(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6912	-64.47	-13	-51.47	-74.95	2.76	13.24	H
	10368	-61.78	-13	-48.78	-71.37	3.42	13.01	H
	13818	-61.20	-13	-48.20	-70.81	3.83	13.44	H
	6912	-64.40	-13	-51.40	-74.84	2.80	13.24	V
	10368	-61.83	-13	-48.83	-71.38	3.46	13.01	V
	13818	-61.74	-13	-48.74	-71.30	3.88	13.44	V

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

n77 UL MIMO / NR 100MHz / QPSK / ANT11+12(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6912	-64.23	-13	-51.23	-74.71	2.76	13.24	H
	10368	-60.17	-13	-47.17	-69.76	3.42	13.01	H
	13824	-61.06	-13	-48.06	-70.67	3.83	13.44	H
	6912	-64.50	-13	-51.50	-74.94	2.80	13.24	V
	10368	-61.77	-13	-48.77	-71.32	3.46	13.01	V
	13824	-60.70	-13	-47.70	-70.26	3.88	13.44	V

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

SA n78 / NR 100MHz / QPSK / ANT12(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6912	-64.31	-13	-51.31	-74.79	2.76	13.24	H
	10368	-60.36	-13	-47.36	-69.95	3.42	13.01	H
	13818	-61.55	-13	-48.55	-71.16	3.83	13.44	H
	6912	-64.56	-13	-51.56	-75.00	2.80	13.24	V
	10368	-61.62	-13	-48.62	-71.17	3.46	13.01	V
	13818	-61.68	-13	-48.68	-71.24	3.88	13.44	V

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

n78 UL MIMO / NR 100MHz / QPSK / ANT11+12(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6906	-63.92	-13	-50.92	-74.40	2.76	13.24	H
	10362	-58.14	-13	-45.14	-67.73	3.42	13.01	H
	13818	-60.88	-13	-47.88	-70.49	3.83	13.44	H
	6906	-64.44	-13	-51.44	-74.88	2.80	13.24	V
	10362	-59.71	-13	-46.71	-69.26	3.46	13.01	V
	13818	-61.19	-13	-48.19	-70.75	3.88	13.44	V

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

EN-DC_2A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT3(LTE) & ANT12(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6900	-64.99	-13	-51.99	-75.47	2.76	13.24	H
	10350	-61.50	-13	-48.50	-71.09	3.42	13.01	H
	13800	-61.08	-13	-48.08	-70.69	3.83	13.44	H
	6900	-64.57	-13	-51.57	-75.01	2.80	13.24	V
	10350	-61.43	-13	-48.43	-70.98	3.46	13.01	V
	13800	-60.87	-13	-47.87	-70.43	3.88	13.44	V

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

EN-DC_5A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT11(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6900	-64.36	-13	-51.36	-74.84	2.76	13.24	H
	10350	-61.56	-13	-48.56	-71.15	3.42	13.01	H
	13800	-60.87	-13	-47.87	-70.48	3.83	13.44	H
	6900	-64.87	-13	-51.87	-75.31	2.80	13.24	V
	10350	-62.06	-13	-49.06	-71.61	3.46	13.01	V
	13800	-60.96	-13	-47.96	-70.52	3.88	13.44	V

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

EN-DC_7A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT3(LTE) & ANT12(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6900	-64.73	-13	-51.73	-75.21	2.76	13.24	H
	10350	-61.53	-13	-48.53	-71.12	3.42	13.01	H
	13800	-61.05	-13	-48.05	-70.66	3.83	13.44	H
	6900	-64.79	-13	-51.79	-75.23	2.80	13.24	V
	10350	-61.74	-13	-48.74	-71.29	3.46	13.01	V
	13800	-61.12	-13	-48.12	-70.68	3.88	13.44	V

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

EN-DC_38A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT3(LTE) & ANT12(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6900	-65.13	-13	-52.13	-75.61	2.76	13.24	H
	10350	-61.70	-13	-48.70	-71.29	3.42	13.01	H
	13800	-61.36	-13	-48.36	-70.97	3.83	13.44	H
	6900	-65.00	-13	-52.00	-75.44	2.80	13.24	V
	10350	-61.65	-13	-48.65	-71.20	3.46	13.01	V
	13800	-60.99	-13	-47.99	-70.55	3.88	13.44	V

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

EN-DC_41A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT3(LTE) & ANT12(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6900	-64.82	-13	-51.82	-75.30	2.76	13.24	H
	10356	-48.97	-13	-35.97	-58.56	3.42	13.01	H
	13800	-60.95	-13	-47.95	-70.56	3.83	13.44	H
	6900	-65.01	-13	-52.01	-75.45	2.80	13.24	V
	10356	-60.68	-13	-47.68	-70.23	3.46	13.01	V
	13800	-61.19	-13	-48.19	-70.75	3.88	13.44	V

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

EN-DC_66A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT3(LTE) & ANT12(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6900	-65.03	-13	-52.03	-75.51	2.76	13.24	H
	10350	-61.39	-13	-48.39	-70.98	3.42	13.01	H
	13800	-61.13	-13	-48.13	-70.74	3.83	13.44	H
	6900	-65.00	-13	-52.00	-75.44	2.80	13.24	V
	10350	-61.95	-13	-48.95	-71.50	3.46	13.01	V
	13800	-61.21	-13	-48.21	-70.77	3.88	13.44	V

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