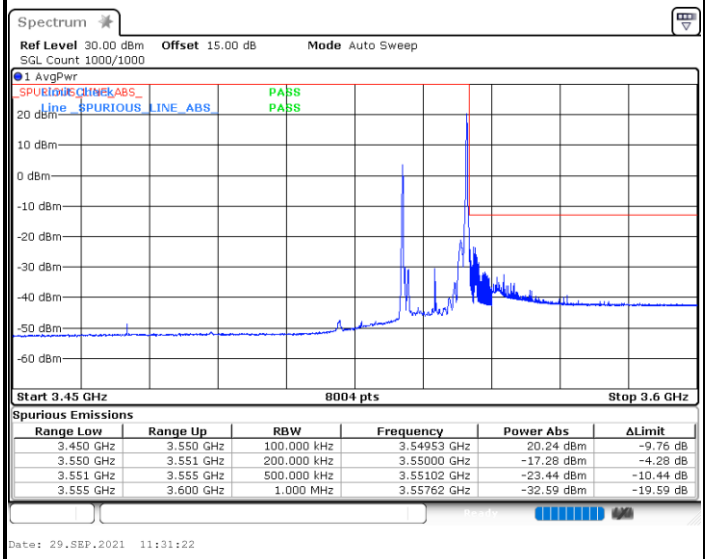
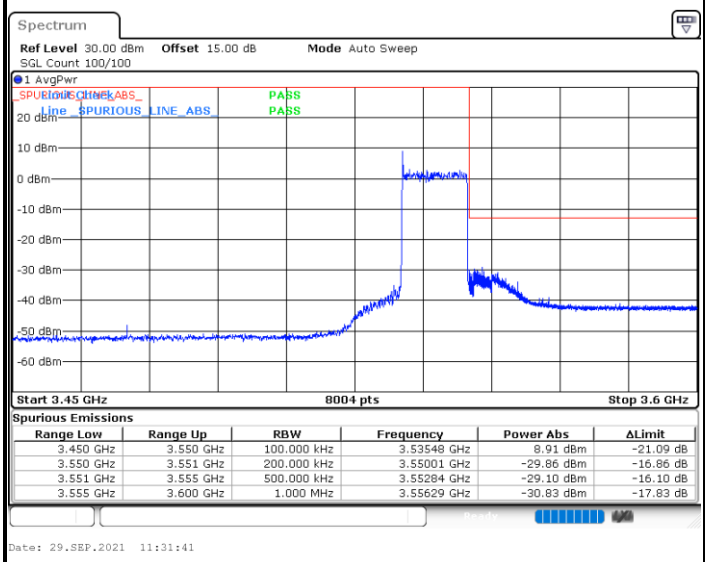
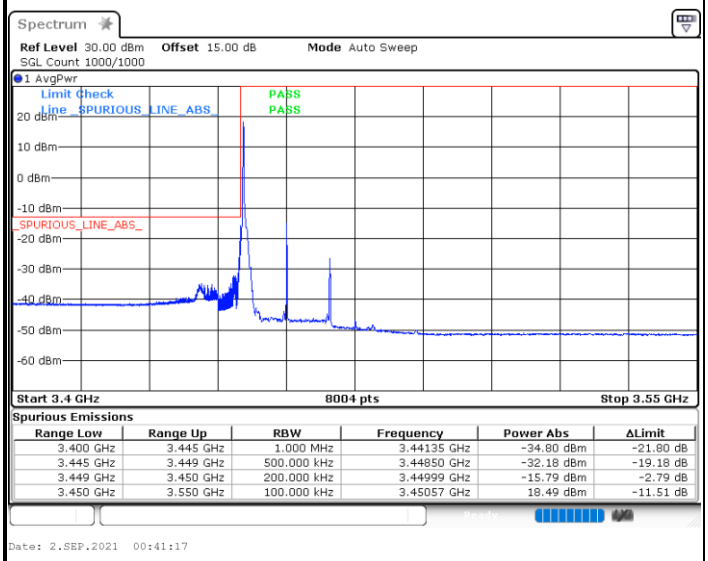
FR1 UL-MIMO n77 / 15MHz / CP-OFDM QPSK (Port 2)	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/

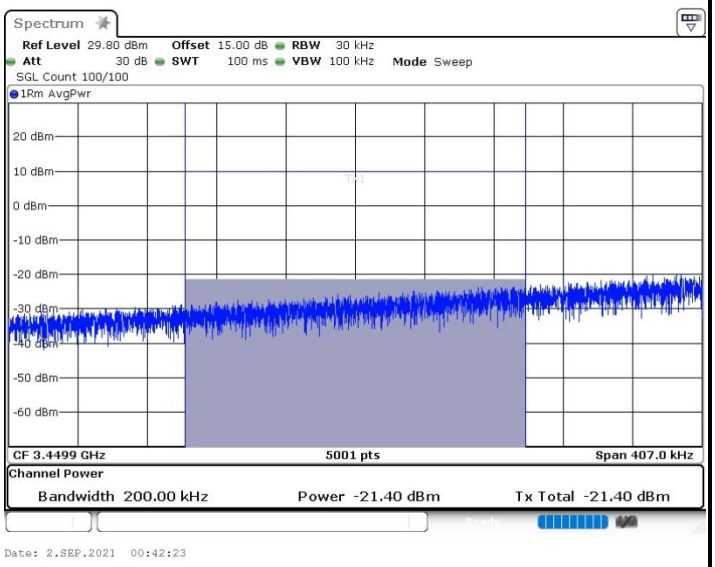
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 UL-MIMO n77 / 20MHz / CP-OFDM QPSK (Port 1)

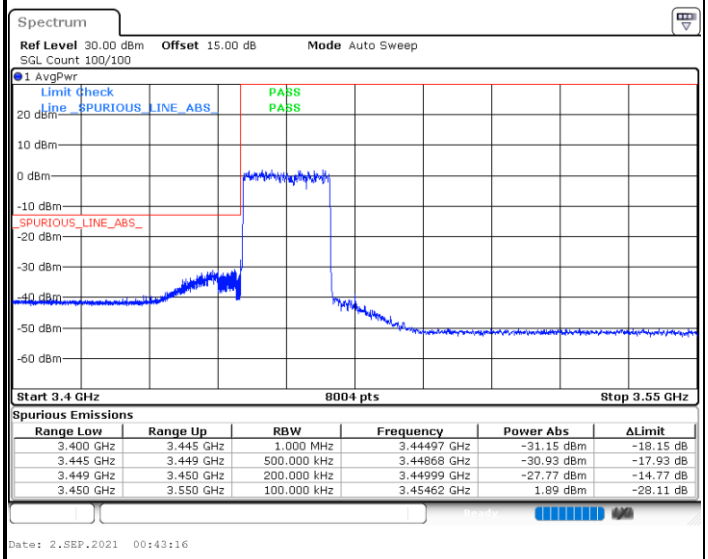
Lowest Band Edge / 1 RB



Channel Power < -13dBm Pass



Lowest Band Edge / Full RB



Channel Power < -13dBm Pass

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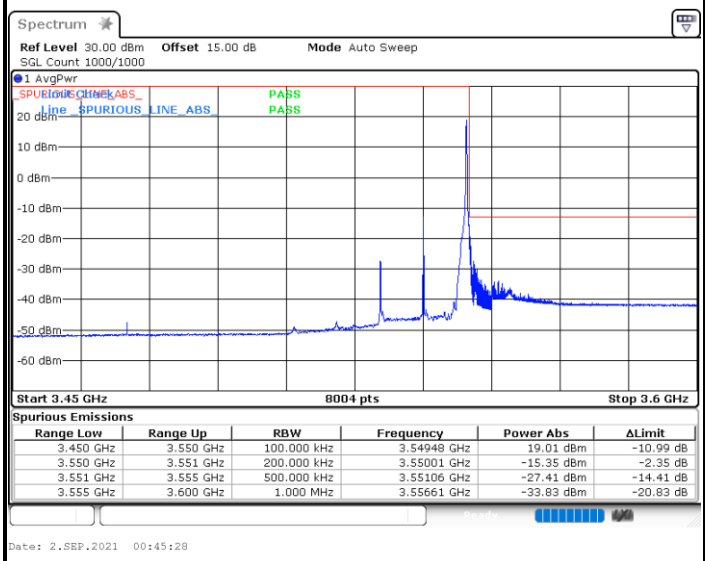
FR1 UL-MIMO n77 / 20MHz / CP-OFDM QPSK (Port 1)

Highest Band Edge / 1 RB

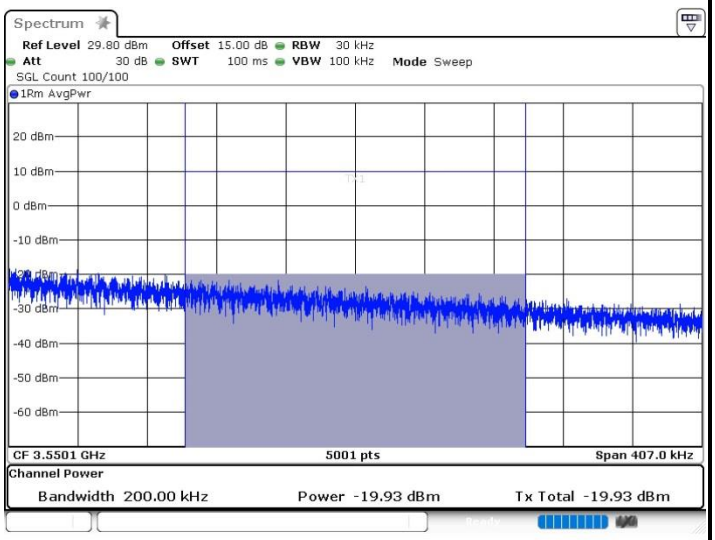


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.450 GHz	3.550 GHz	100.000 kHz	3.54948 GHz	19.01 dBm	-10.99 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55001 GHz	-15.35 dBm	-2.35 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55106 GHz	-27.41 dBm	-14.41 dB
3.555 GHz	3.600 GHz	1.000 MHz	3.55661 GHz	-33.83 dBm	-20.83 dB

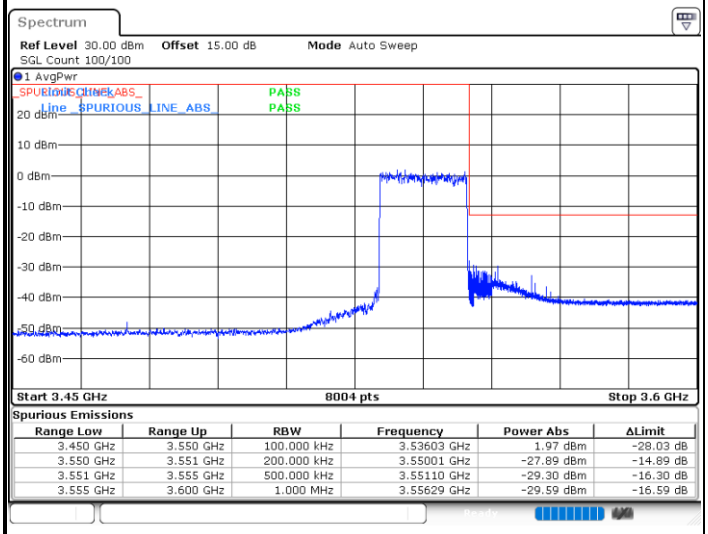
Date: 2.SEP.2021 00:45:28

Channel Power < -13dBm Pass



Date: 2.SEP.2021 00:46:14

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	3.53603 GHz	1.97 dBm	-28.03 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55001 GHz	-27.89 dBm	-14.89 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55110 GHz	-29.30 dBm	-16.30 dB
3.555 GHz	3.600 GHz	1.000 MHz	3.55629 GHz	-29.59 dBm	-16.59 dB

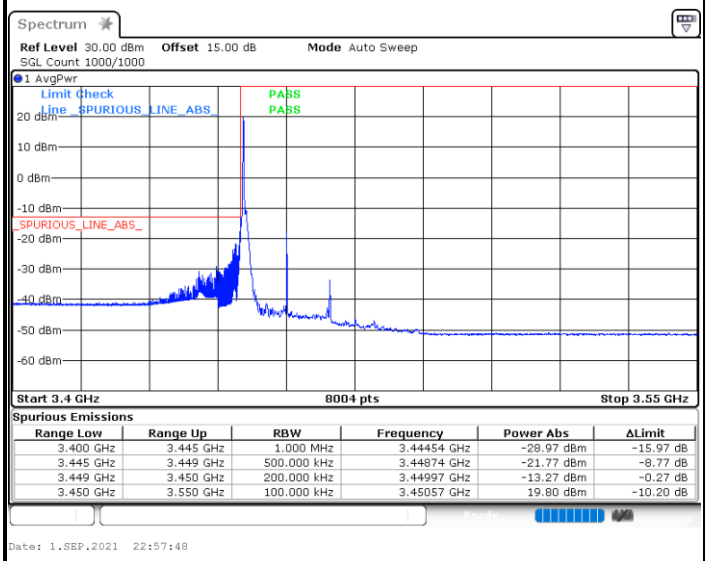
Date: 2.SEP.2021 00:43:41

Channel Power < -13dBm Pass

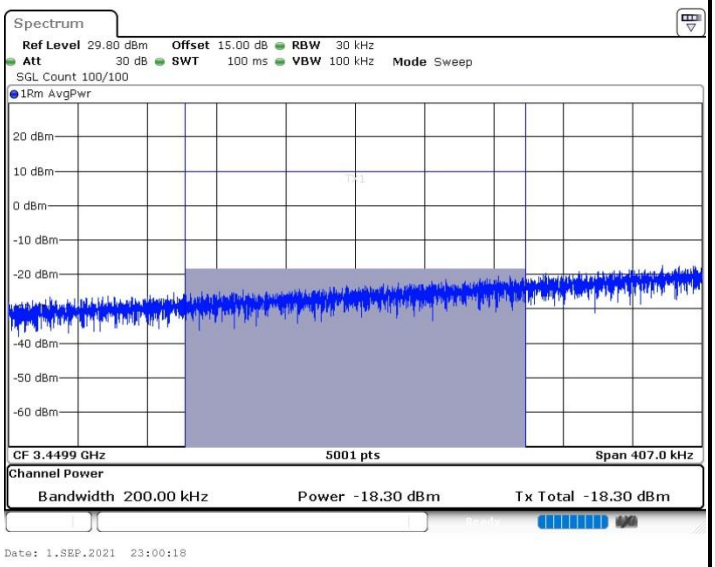
/

FR1 UL-MIMO n77 / 20MHz / CP-OFDM QPSK (Port 2)

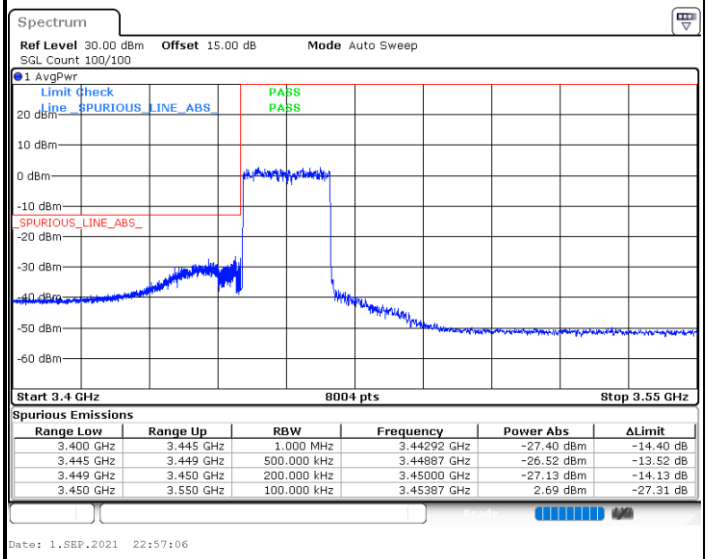
Lowest Band Edge / 1 RB



Channel Power < -13dBm Pass



Lowest Band Edge / Full RB

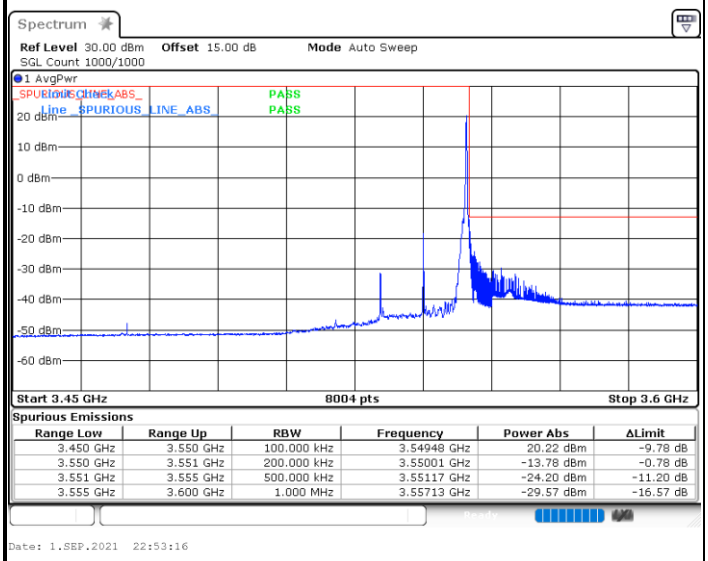


Channel Power < -13dBm Pass

/

FR1 UL-MIMO n77 / 20MHz / CP-OFDM QPSK (Port 2)

Highest Band Edge / 1 RB

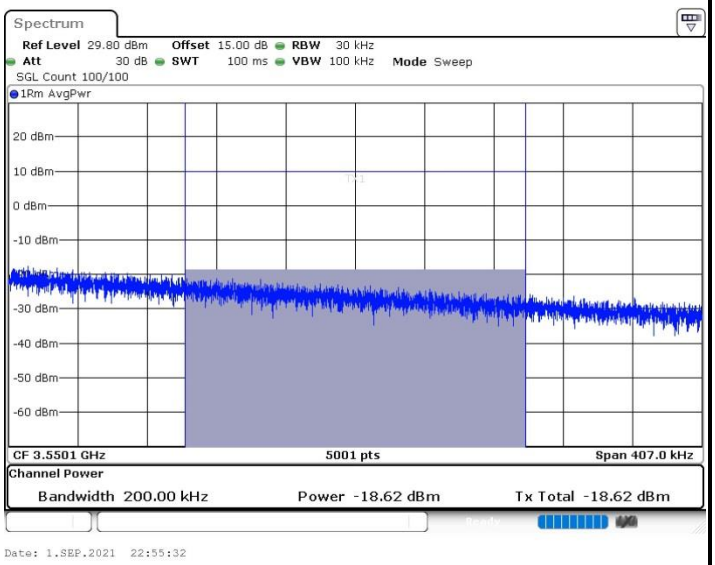


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.450 GHz	3.550 GHz	100.000 kHz	3.54948 GHz	20.22 dBm	-9.78 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55001 GHz	-13.78 dBm	-0.78 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55117 GHz	-24.20 dBm	-11.20 dB
3.555 GHz	3.600 GHz	1.000 MHz	3.55713 GHz	-29.57 dBm	-16.57 dB

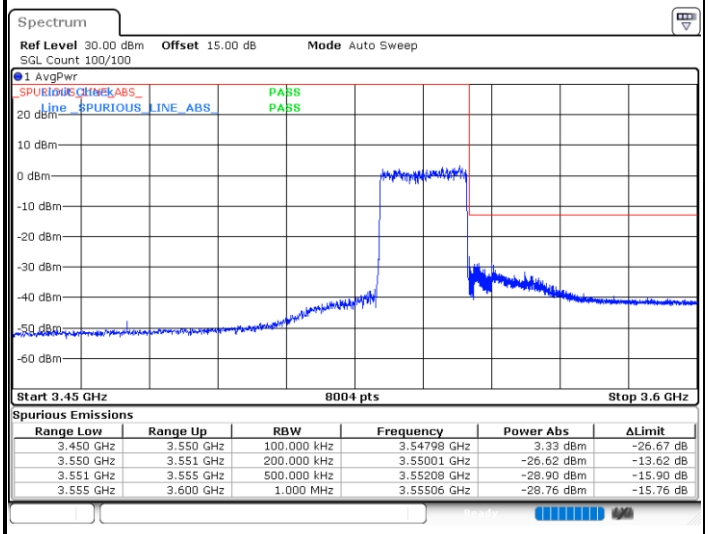
Date: 1.SEP.2021 22:53:16

Channel Power < -13dBm Pass



Date: 1.SEP.2021 22:55:32

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	3.54798 GHz	3.33 dBm	-26.67 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55001 GHz	-26.62 dBm	-13.62 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55208 GHz	-28.90 dBm	-15.90 dB
3.555 GHz	3.600 GHz	1.000 MHz	3.55506 GHz	-28.76 dBm	-15.76 dB

Date: 1.SEP.2021 22:56:03

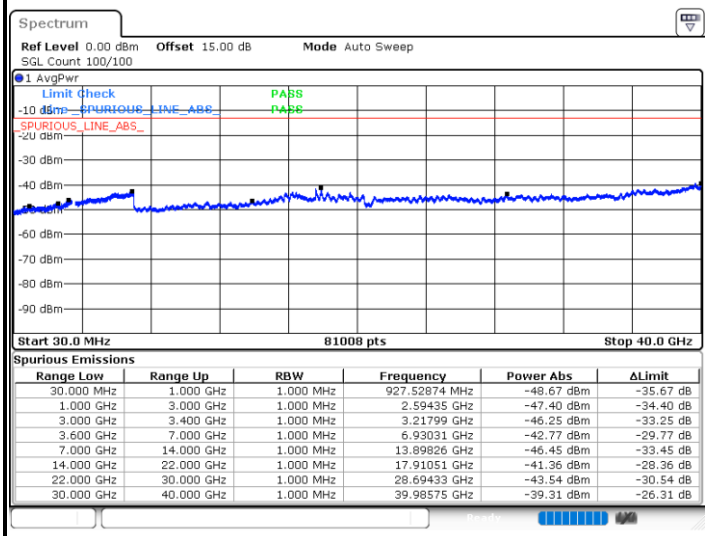
Channel Power < -13dBm Pass

/

Conducted Spurious Emission

FR1 UL-MIMO n77 / 10MHz / CP-OFDM QPSK (Port 1)

Lowest Channel / 1RB

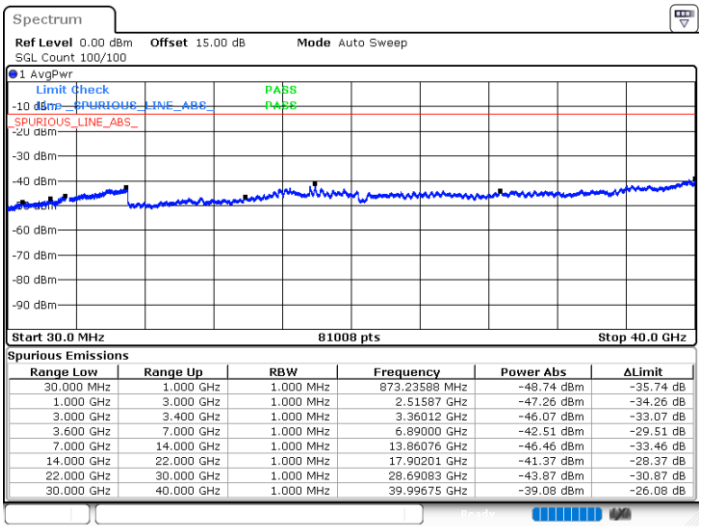


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	927.52874 MHz	-48.67 dBm	-35.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.59435 GHz	-47.40 dBm	-34.40 dB
3.000 GHz	3.400 GHz	1.000 MHz	3.21799 GHz	-46.25 dBm	-33.25 dB
3.600 GHz	7.000 GHz	1.000 MHz	6.93031 GHz	-42.77 dBm	-29.77 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.89826 GHz	-46.45 dBm	-33.45 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.91051 GHz	-41.36 dBm	-28.36 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.69433 GHz	-43.54 dBm	-30.54 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.98575 GHz	-39.31 dBm	-26.31 dB

Date: 27.SEP.2021 16:53:31

Middle Channel / 1RB

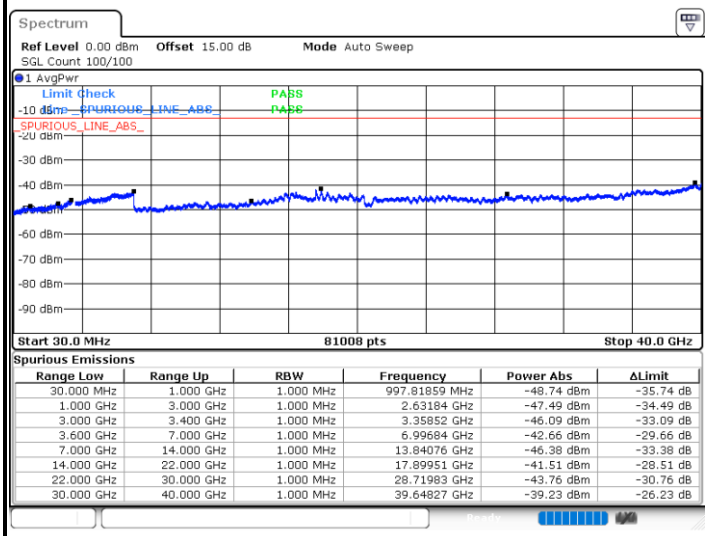


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	873.23588 MHz	-48.74 dBm	-35.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51587 GHz	-47.26 dBm	-34.26 dB
3.000 GHz	3.400 GHz	1.000 MHz	3.36012 GHz	-46.07 dBm	-33.07 dB
3.600 GHz	7.000 GHz	1.000 MHz	6.89000 GHz	-42.51 dBm	-29.51 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.86076 GHz	-46.46 dBm	-33.46 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.90201 GHz	-41.37 dBm	-28.37 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.69083 GHz	-43.87 dBm	-30.87 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.99675 GHz	-39.08 dBm	-26.08 dB

Date: 27.SEP.2021 17:06:46

Highest Channel / 1RB



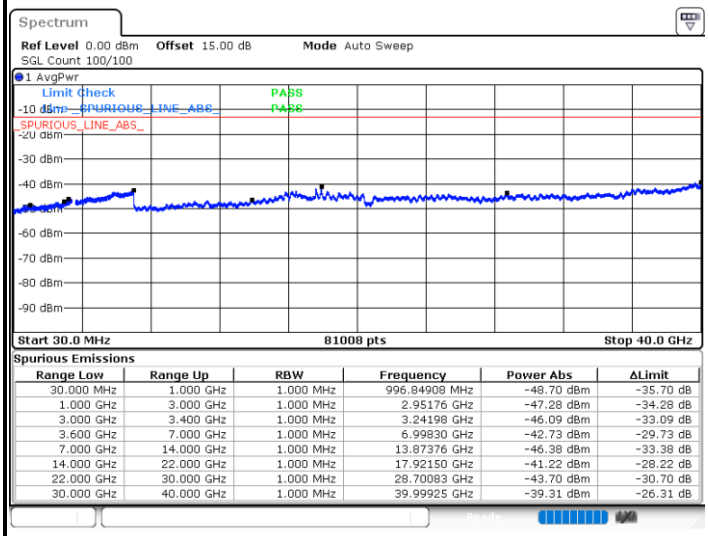
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.81859 MHz	-48.74 dBm	-35.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63184 GHz	-47.49 dBm	-34.49 dB
3.000 GHz	3.400 GHz	1.000 MHz	3.35852 GHz	-46.09 dBm	-33.09 dB
3.600 GHz	7.000 GHz	1.000 MHz	6.99684 GHz	-42.66 dBm	-29.66 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.84076 GHz	-46.38 dBm	-33.38 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.89951 GHz	-41.51 dBm	-28.51 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.71983 GHz	-43.76 dBm	-30.76 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.64827 GHz	-39.23 dBm	-26.23 dB

Date: 27.SEP.2021 17:10:22

FR1 UL-MIMO n77 / 10MHz / CP-OFDM QPSK (Port 2)

Lowest Channel / 1RB

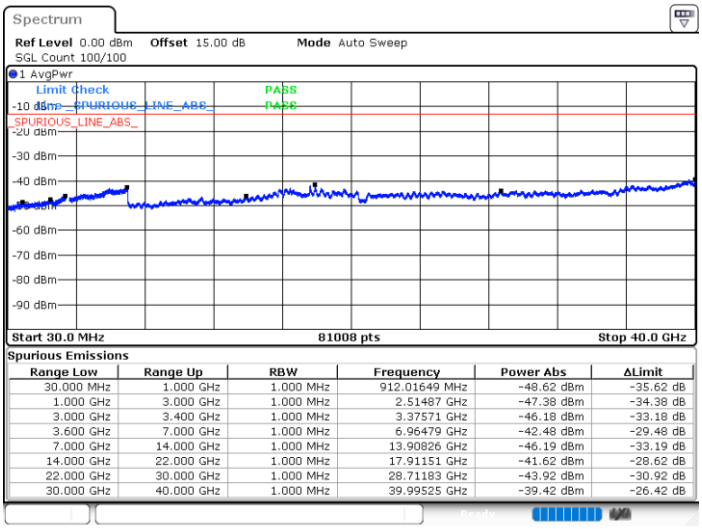


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-48.70 dBm	-35.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.95176 GHz	-47.28 dBm	-34.28 dB
3.000 GHz	3.400 GHz	1.000 MHz	3.24198 GHz	-46.09 dBm	-33.09 dB
3.600 GHz	7.000 GHz	1.000 MHz	6.99830 GHz	-42.73 dBm	-29.73 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.87376 GHz	-46.38 dBm	-33.38 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.92150 GHz	-41.22 dBm	-28.22 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.70083 GHz	-43.70 dBm	-30.70 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.99925 GHz	-39.31 dBm	-26.31 dB

Date: 27.SEP.2021 16:58:48

Middle Channel / 1RB

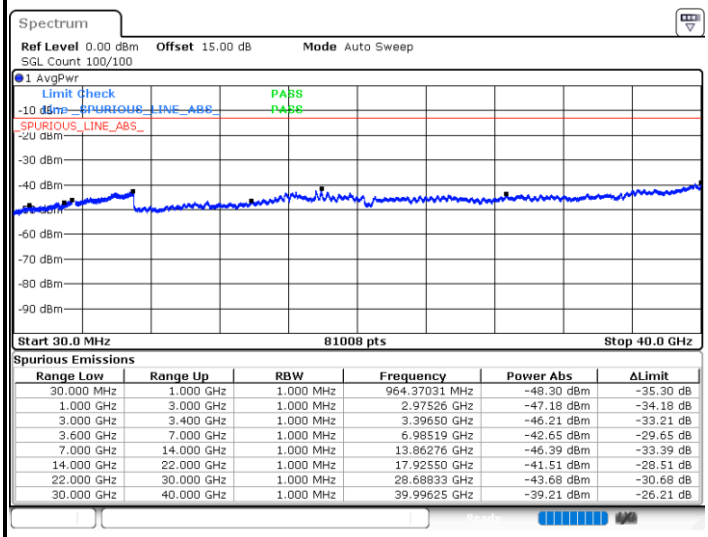


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.01649 MHz	-48.62 dBm	-35.62 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51487 GHz	-47.38 dBm	-34.38 dB
3.000 GHz	3.400 GHz	1.000 MHz	3.37571 GHz	-46.18 dBm	-33.18 dB
3.600 GHz	7.000 GHz	1.000 MHz	6.96479 GHz	-42.48 dBm	-29.48 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.90826 GHz	-46.19 dBm	-33.19 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.91151 GHz	-41.62 dBm	-28.62 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.71183 GHz	-43.92 dBm	-30.92 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.99525 GHz	-39.42 dBm	-26.42 dB

Date: 27.SEP.2021 17:01:19

Highest Channel / 1RB



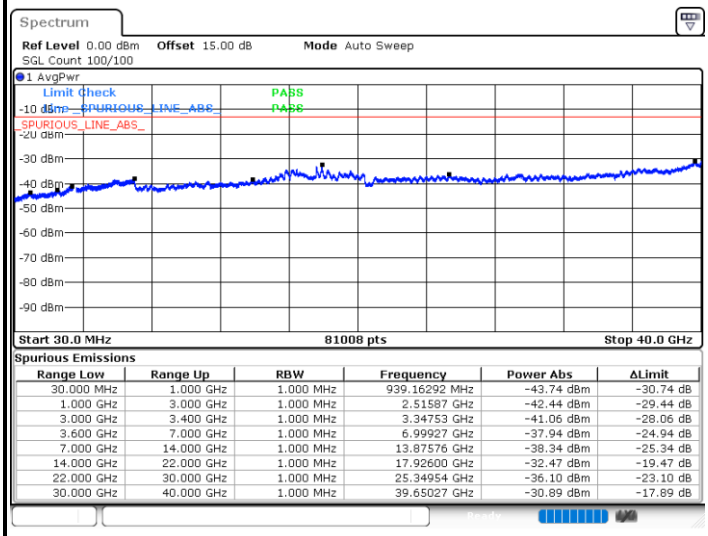
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.37031 MHz	-48.30 dBm	-35.30 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97526 GHz	-47.18 dBm	-34.18 dB
3.000 GHz	3.400 GHz	1.000 MHz	3.39650 GHz	-46.21 dBm	-33.21 dB
3.600 GHz	7.000 GHz	1.000 MHz	6.98519 GHz	-42.65 dBm	-29.65 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.86276 GHz	-46.39 dBm	-33.39 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.92550 GHz	-41.51 dBm	-28.51 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.68833 GHz	-43.68 dBm	-30.68 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.99625 GHz	-39.21 dBm	-26.21 dB

Date: 27.SEP.2021 17:09:16

FR1 UL-MIMO n77 / 15MHz / CP-OFDM QPSK (Port 1)

Lowest Channel / 1RB

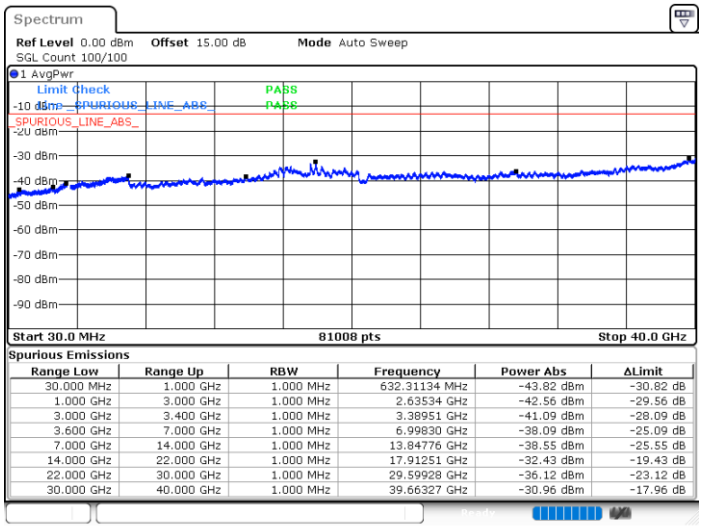


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.16292 MHz	-43.74 dBm	-30.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51587 GHz	-42.44 dBm	-29.44 dB
3.000 GHz	3.400 GHz	1.000 MHz	3.34753 GHz	-41.06 dBm	-28.06 dB
3.600 GHz	7.000 GHz	1.000 MHz	6.99927 GHz	-37.94 dBm	-24.94 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.87576 GHz	-38.34 dBm	-25.34 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.92600 GHz	-32.47 dBm	-19.47 dB
22.000 GHz	30.000 GHz	1.000 MHz	25.34954 GHz	-36.10 dBm	-23.10 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.65027 GHz	-30.89 dBm	-17.89 dB

Date: 29.SEP.2021 11:44:13

Middle Channel / 1RB

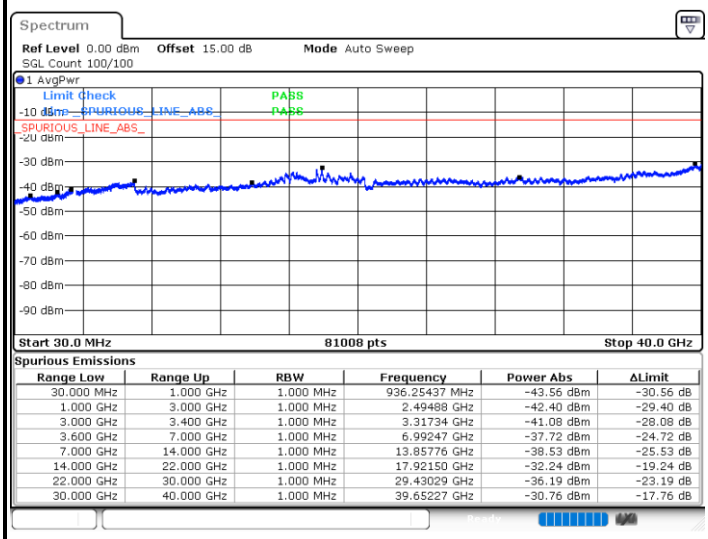


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	632.31134 MHz	-43.82 dBm	-30.82 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63534 GHz	-42.56 dBm	-29.56 dB
3.000 GHz	3.400 GHz	1.000 MHz	3.38951 GHz	-41.09 dBm	-28.09 dB
3.600 GHz	7.000 GHz	1.000 MHz	6.99830 GHz	-38.09 dBm	-25.09 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.84776 GHz	-38.55 dBm	-25.55 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.91251 GHz	-32.43 dBm	-19.43 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.59928 GHz	-36.12 dBm	-23.12 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.66327 GHz	-30.96 dBm	-17.96 dB

Date: 29.SEP.2021 11:42:38

Highest Channel / 1RB



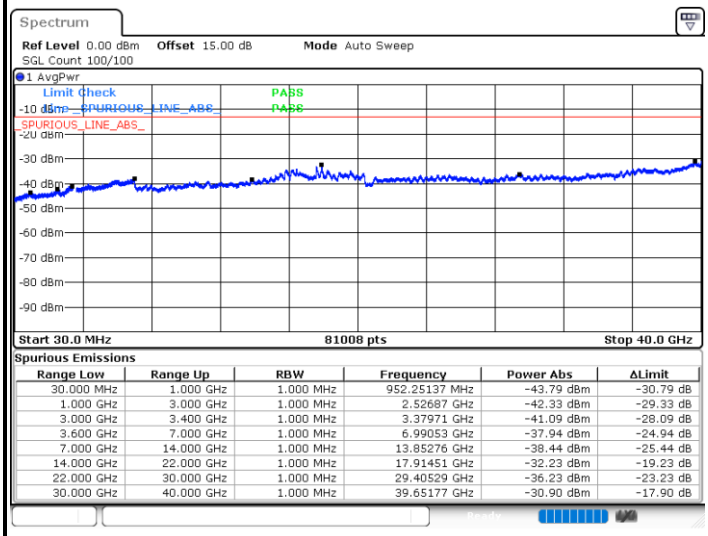
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.25437 MHz	-43.56 dBm	-30.56 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.49488 GHz	-42.40 dBm	-29.40 dB
3.000 GHz	3.400 GHz	1.000 MHz	3.31734 GHz	-41.08 dBm	-28.08 dB
3.600 GHz	7.000 GHz	1.000 MHz	6.99247 GHz	-37.72 dBm	-24.72 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.85776 GHz	-38.53 dBm	-25.53 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.92150 GHz	-32.24 dBm	-19.24 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.43029 GHz	-36.19 dBm	-23.19 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.65227 GHz	-30.76 dBm	-17.76 dB

Date: 29.SEP.2021 11:34:23

FR1 UL-MIMO n77 / 15MHz / CP-OFDM QPSK (Port 2)

Lowest Channel / 1RB

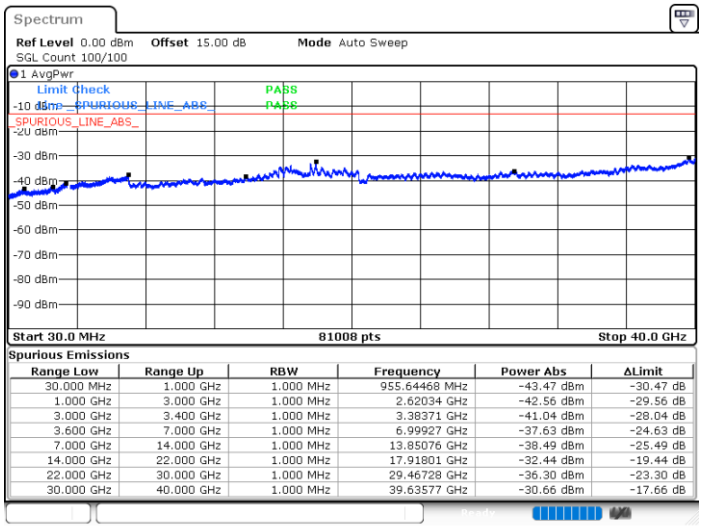


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.25137 MHz	-43.79 dBm	-30.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.52687 GHz	-42.33 dBm	-29.33 dB
3.000 GHz	3.400 GHz	1.000 MHz	3.37971 GHz	-41.09 dBm	-28.09 dB
3.600 GHz	7.000 GHz	1.000 MHz	6.99053 GHz	-37.94 dBm	-24.94 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.85276 GHz	-38.44 dBm	-25.44 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.91451 GHz	-32.23 dBm	-19.23 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.40529 GHz	-36.23 dBm	-23.23 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.65177 GHz	-30.90 dBm	-17.90 dB

Date: 29.SEP.2021 11:45:48

Middle Channel / 1RB

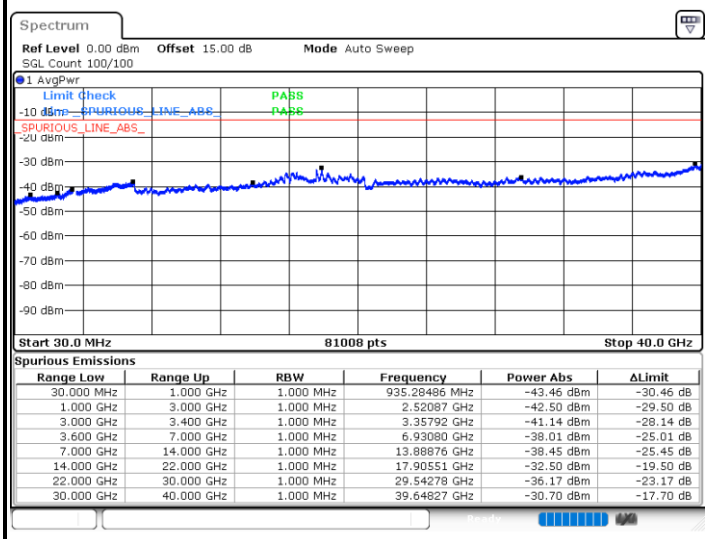


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.64468 MHz	-43.47 dBm	-30.47 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.62034 GHz	-42.56 dBm	-29.56 dB
3.000 GHz	3.400 GHz	1.000 MHz	3.38371 GHz	-41.04 dBm	-28.04 dB
3.600 GHz	7.000 GHz	1.000 MHz	6.99927 GHz	-37.63 dBm	-24.63 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.85076 GHz	-38.49 dBm	-25.49 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.91801 GHz	-32.44 dBm	-19.44 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.46728 GHz	-36.30 dBm	-23.30 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.63577 GHz	-30.66 dBm	-17.66 dB

Date: 29.SEP.2021 11:41:30

Highest Channel / 1RB



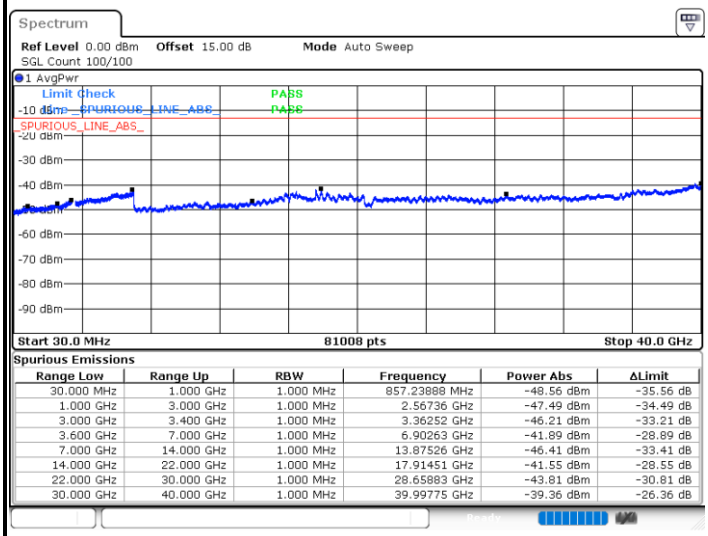
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.28486 MHz	-43.46 dBm	-30.46 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.52087 GHz	-42.50 dBm	-29.50 dB
3.000 GHz	3.400 GHz	1.000 MHz	3.35792 GHz	-41.14 dBm	-28.14 dB
3.600 GHz	7.000 GHz	1.000 MHz	6.93080 GHz	-38.01 dBm	-25.01 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.88876 GHz	-38.45 dBm	-25.45 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.90551 GHz	-32.50 dBm	-19.50 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.54278 GHz	-36.17 dBm	-23.17 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.64827 GHz	-30.70 dBm	-17.70 dB

Date: 29.SEP.2021 11:39:53

FR1 UL-MIMO n77 / 20MHz / CP-OFDM QPSK (Port 1)

Lowest Channel / 1RB

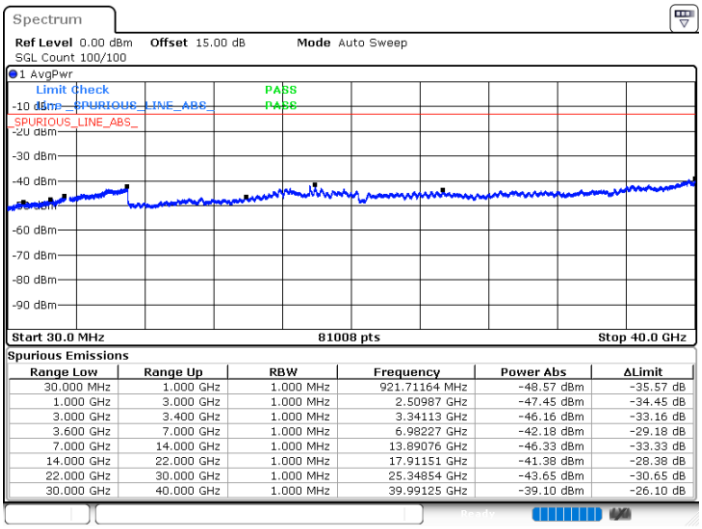


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	857.23888 MHz	-48.56 dBm	-35.56 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.56736 GHz	-47.49 dBm	-34.49 dB
3.000 GHz	3.400 GHz	1.000 MHz	3.36252 GHz	-46.21 dBm	-33.21 dB
3.600 GHz	7.000 GHz	1.000 MHz	6.90263 GHz	-41.89 dBm	-28.89 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.87526 GHz	-46.41 dBm	-33.41 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.91451 GHz	-41.55 dBm	-28.55 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.65883 GHz	-43.81 dBm	-30.81 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.99775 GHz	-39.36 dBm	-26.36 dB

Date: 27.SEP.2021 16:46:21

Middle Channel / 1RB

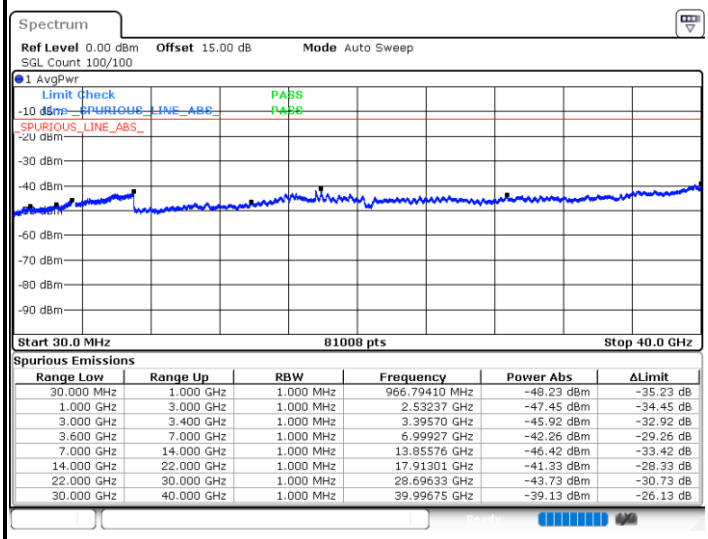


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.71164 MHz	-48.57 dBm	-35.57 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50987 GHz	-47.45 dBm	-34.45 dB
3.000 GHz	3.400 GHz	1.000 MHz	3.34113 GHz	-46.16 dBm	-33.16 dB
3.600 GHz	7.000 GHz	1.000 MHz	6.98227 GHz	-42.18 dBm	-29.18 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.89076 GHz	-46.33 dBm	-33.33 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.91151 GHz	-41.38 dBm	-28.38 dB
22.000 GHz	30.000 GHz	1.000 MHz	25.34854 GHz	-43.65 dBm	-30.65 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.99125 GHz	-39.10 dBm	-26.10 dB

Date: 27.SEP.2021 16:47:57

Highest Channel / 1RB



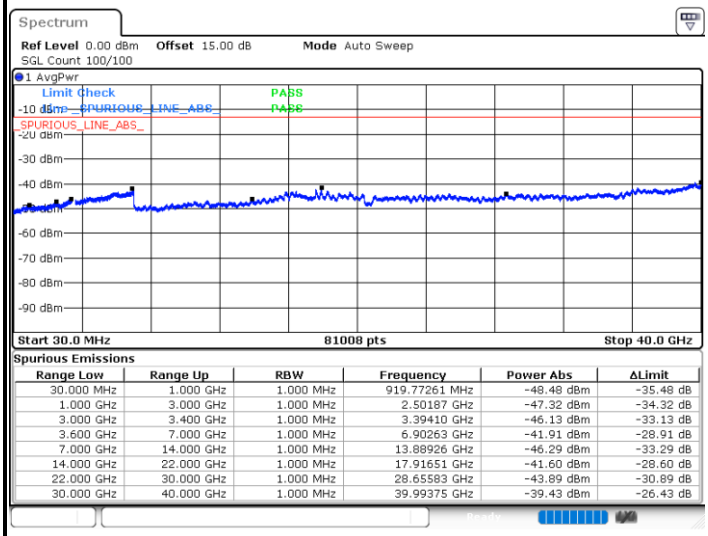
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.79410 MHz	-48.23 dBm	-35.23 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53237 GHz	-47.45 dBm	-34.45 dB
3.000 GHz	3.400 GHz	1.000 MHz	3.39570 GHz	-45.92 dBm	-32.92 dB
3.600 GHz	7.000 GHz	1.000 MHz	6.99927 GHz	-42.26 dBm	-29.26 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.85576 GHz	-46.42 dBm	-33.42 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.91301 GHz	-41.33 dBm	-28.33 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.69633 GHz	-43.73 dBm	-30.73 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.99675 GHz	-39.13 dBm	-26.13 dB

Date: 27.SEP.2021 16:52:19

FR1 UL-MIMO n77 / 20MHz / CP-OFDM QPSK (Port 2)

Lowest Channel / 1RB

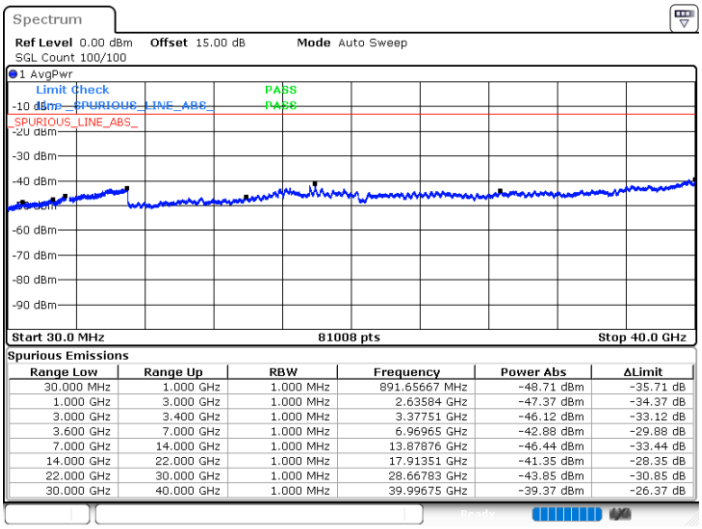


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.77261 MHz	-48.48 dBm	-35.48 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50187 GHz	-47.32 dBm	-34.32 dB
3.000 GHz	3.400 GHz	1.000 MHz	3.39410 GHz	-46.13 dBm	-33.13 dB
3.600 GHz	7.000 GHz	1.000 MHz	6.90263 GHz	-41.91 dBm	-28.91 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.88926 GHz	-46.29 dBm	-33.29 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.91651 GHz	-41.60 dBm	-28.60 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.65583 GHz	-43.89 dBm	-30.89 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.99375 GHz	-39.43 dBm	-26.43 dB

Date: 27.SEP.2021 16:45:14

Middle Channel / 1RB

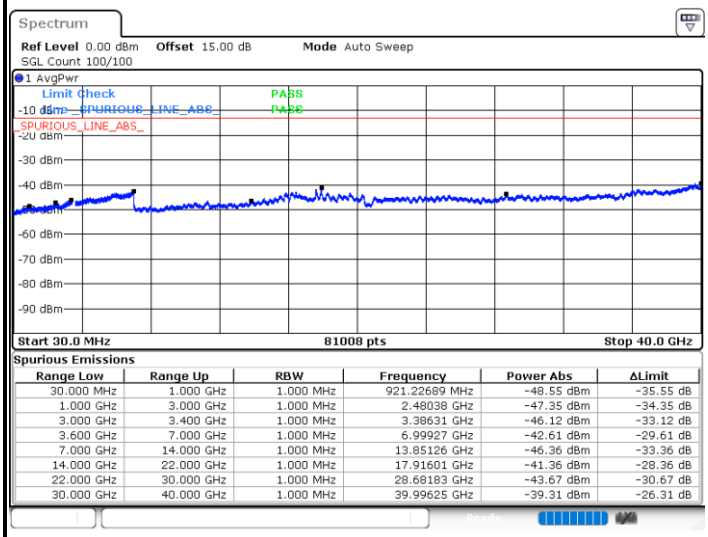


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	891.65667 MHz	-48.71 dBm	-35.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63584 GHz	-47.37 dBm	-34.37 dB
3.000 GHz	3.400 GHz	1.000 MHz	3.37751 GHz	-46.12 dBm	-33.12 dB
3.600 GHz	7.000 GHz	1.000 MHz	6.96965 GHz	-42.88 dBm	-29.88 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.87876 GHz	-46.44 dBm	-33.44 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.91351 GHz	-41.35 dBm	-28.35 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.66783 GHz	-43.85 dBm	-30.85 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.99675 GHz	-39.37 dBm	-26.37 dB

Date: 27.SEP.2021 16:50:54

Highest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.22689 MHz	-48.55 dBm	-35.55 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.48038 GHz	-47.35 dBm	-34.35 dB
3.000 GHz	3.400 GHz	1.000 MHz	3.38631 GHz	-46.12 dBm	-33.12 dB
3.600 GHz	7.000 GHz	1.000 MHz	6.99927 GHz	-42.61 dBm	-29.61 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.85126 GHz	-46.36 dBm	-33.36 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.91601 GHz	-41.36 dBm	-28.36 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.68183 GHz	-43.67 dBm	-30.67 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.99625 GHz	-39.31 dBm	-26.31 dB

Date: 27.SEP.2021 16:49:48

Frequency Stability

Test Conditions		NR UL-MIMO n77 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Within Band
		Deviation (ppm)	Result
50	Normal Voltage	0.0029	PASS
40	Normal Voltage	0.0047	
30	Normal Voltage	0.0043	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0099	
0	Normal Voltage	0.0054	
-10	Normal Voltage	0.0091	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0041	
20	Maximum Voltage	0.0088	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0059	

Note:

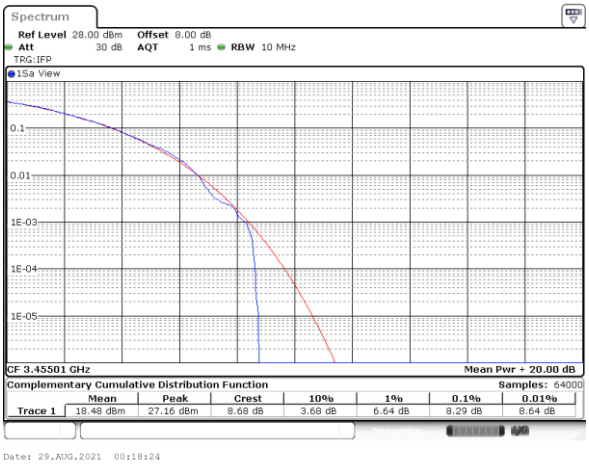
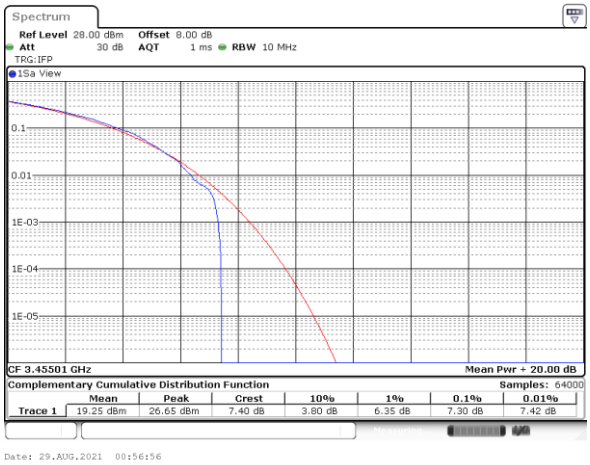
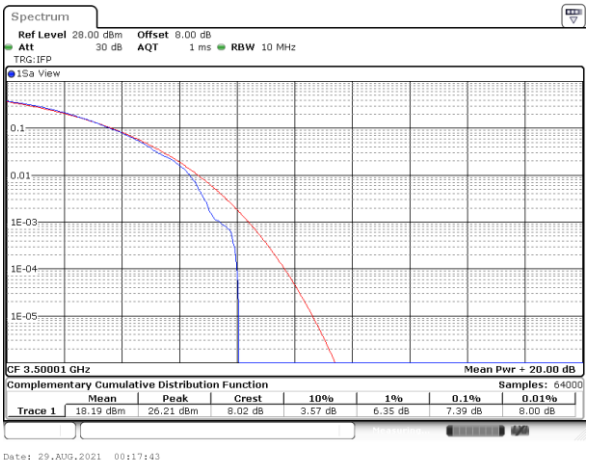
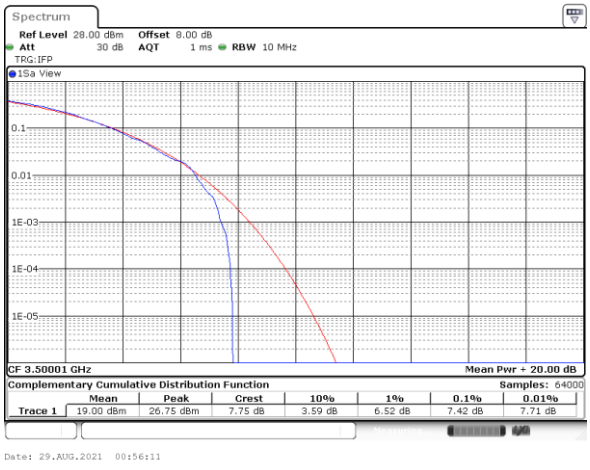
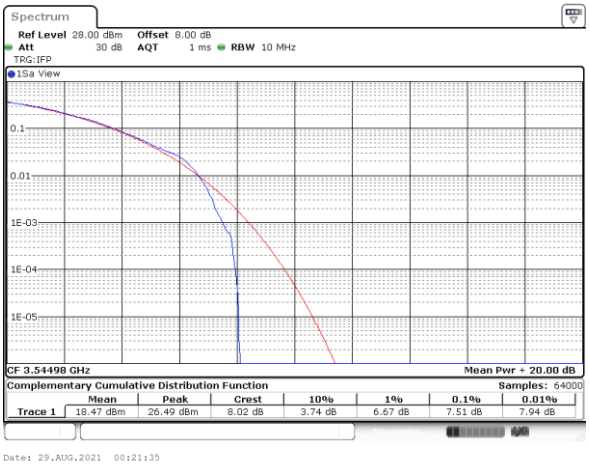
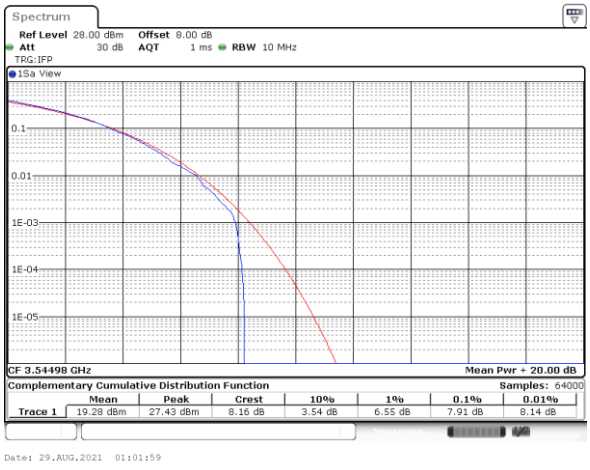
1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.14 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

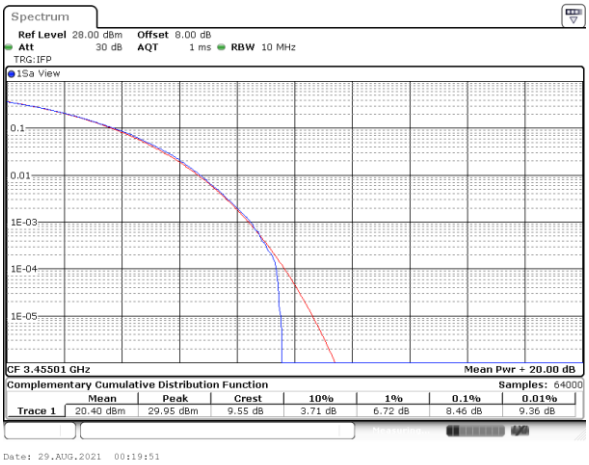
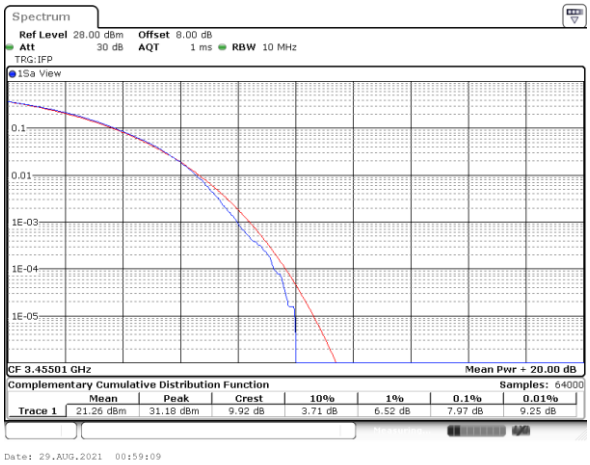
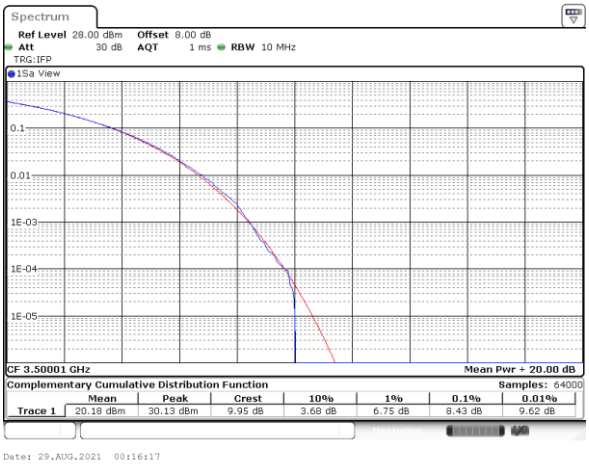
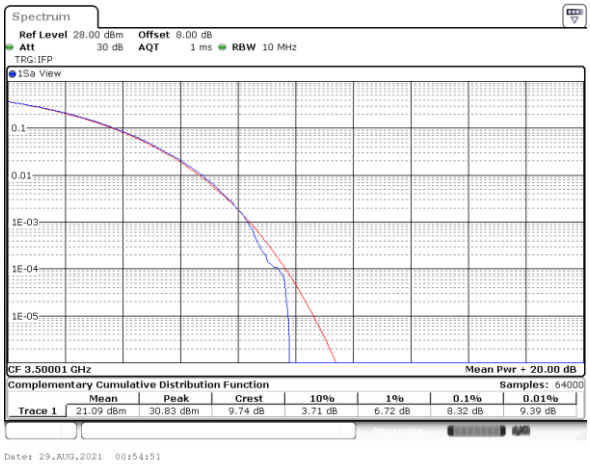
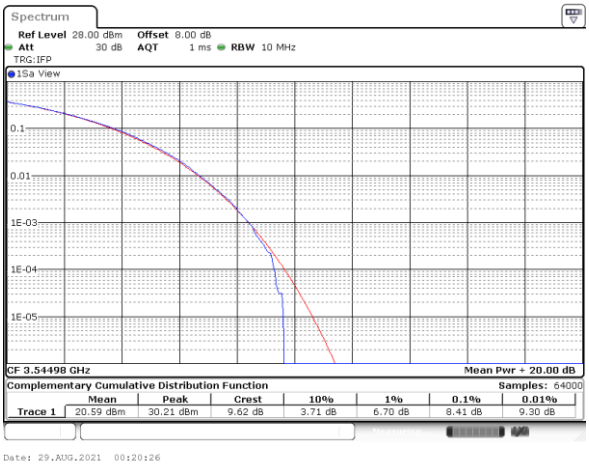
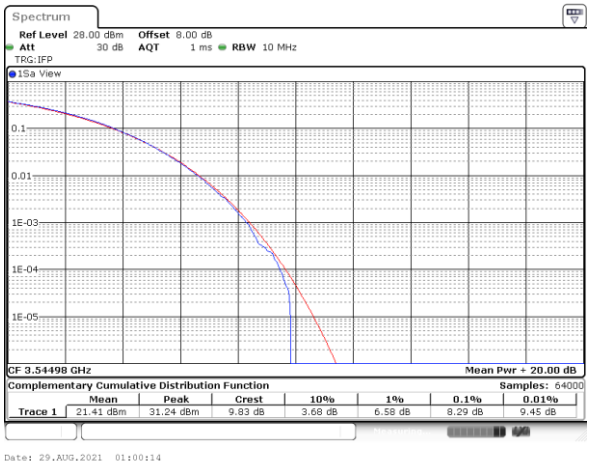
FR1 n77 UL-MIMO(30kHz)

Peak-to-Average Ratio

Mode	FR1 UL-MIMO n77 / 10MHz / CP-OFDM (Port 1)				
Mod.	QPSK	QPSK			Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	8.29	8.46			PASS
Middle CH	7.39	8.43			
Highest CH	7.51	8.41			

Mode	FR1 UL-MIMO n77 / 10MHz / CP-OFDM (Port 2)				
Mod.	QPSK	QPSK			Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	7.30	7.97			PASS
Middle CH	7.42	8.32			
Highest CH	7.91	8.29			

FR1 UL-MIMO n77 / 10MHz / CP-OFDM	
QPSK(Port 1)	**QPSK(Port 2)**
Lowest Channel / 1RB	**Lowest Channel / 1RB**
	
Middle Channel / 1 RB	**Middle Channel / 1 RB**
	
Highest Channel / 1 RB	**Highest Channel / 1 RB**
	

FR1 UL-MIMO n77 / 10MHz / CP-OFDM	
QPSK(Port 1)	**QPSK(Port 2)**
Lowest Channel / Full RB	**Lowest Channel / Full RB**
	
Middle Channel / Full RB	**Middle Channel / Full RB**
	
Highest Channel / Full RB	**Highest Channel / Full RB**
	

26dB Bandwidth

Mode	FR1 UL-MIMO n77 : 26dB BW(MHz) / CP-OFDM							
	Port 1				Port 2			
BW	10MHz	10MHz	10MHz	10MHz	10MHz	10MHz	10MHz	10MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	9.21	9.05	9.03	9.07	9.09	9.27	9.25	9.11

Mode	FR1 UL-MIMO n77 : 26dB BW(MHz) / CP-OFDM							
	Port 1				Port 2			
BW	15MHz	15MHz	15MHz	15MHz	15MHz	15MHz	15MHz	15MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	14.33	14.27	14.24	14.33	14.36	14.33	14.30	14.30

Mode	FR1 UL-MIMO n77 : 26dB BW(MHz) / CP-OFDM							
	Port 1				Port 2			
BW	20MHz	20MHz	20MHz	20MHz	20MHz	20MHz	20MHz	20MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	18.98	19.34	19.50	19.46	19.06	19.26	19.46	19.02

Mode	FR1 UL-MIMO n77 : 26dB BW(MHz) / CP-OFDM							
	Port 1				Port 2			
BW	40MHz	40MHz	40MHz	40MHz	40MHz	40MHz	40MHz	40MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	40.28	40.10	41.12	40.28	40.20	40.36	40.28	40.12

Mode	FR1 UL-MIMO n77 : 26dB BW(MHz) / CP-OFDM							
	Port 1				Port 2			
BW	50MHz	50MHz	50MHz	50MHz	50MHz	50MHz	50MHz	50MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	49.75	49.75	49.75	49.75	49.75	49.65	49.85	49.75

Mode	FR1 UL-MIMO n77 : 26dB BW(MHz) / CP-OFDM							
	Port 1				Port 2			
BW	60MHz	60MHz	60MHz	60MHz	60MHz	60MHz	60MHz	60MHz

Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	60.3	60.78	60.3	60.3	60.30	60.42	60.18	60.42

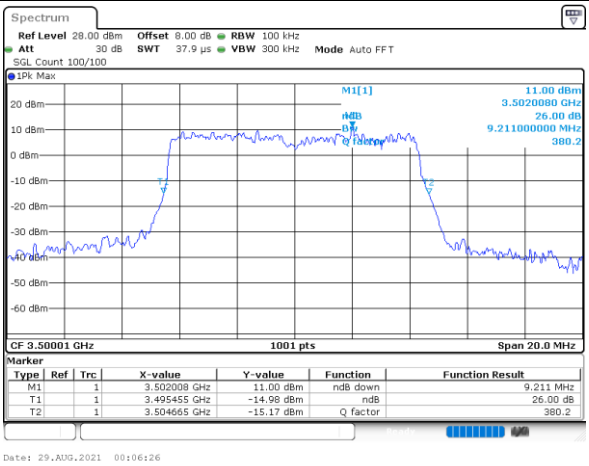
Mode	FR1 UL-MIMO n77 : 26dB BW(MHz) / CP-OFDM							
	Port 1				Port 2			
BW	80MHz	80MHz	80MHz	80MHz	80MHz	80MHz	80MHz	80MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	79.92	79.92	79.92	80.08	79.92	79.92	79.92	80.08

Mode	FR1 UL-MIMO n77 : 26dB BW(MHz) / CP-OFDM							
	Port 1				Port 2			
BW	100MHz	100MHz	100MHz	100MHz	100MHz	100MHz	100MHz	100MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	100.70	100.30	100.30	100.30	100.30	100.30	100.30	100.30

FR1 UL-MIMO n77 / 10MHz / CP-OFDM (Port 1)

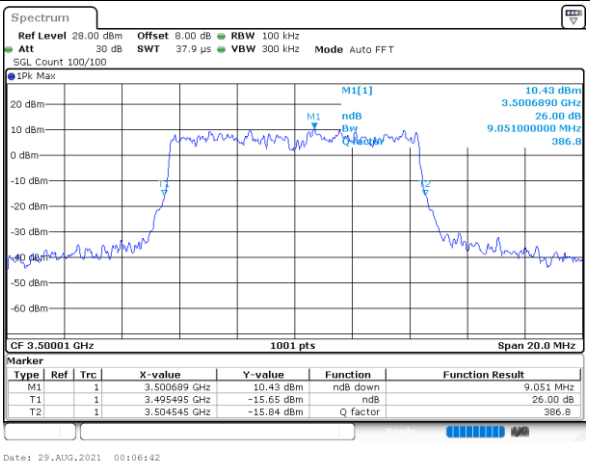
QPSK

Middle Channel



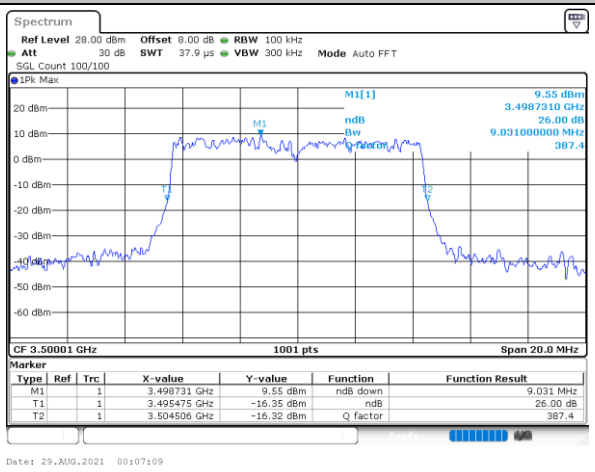
16QAM

Middle Channel



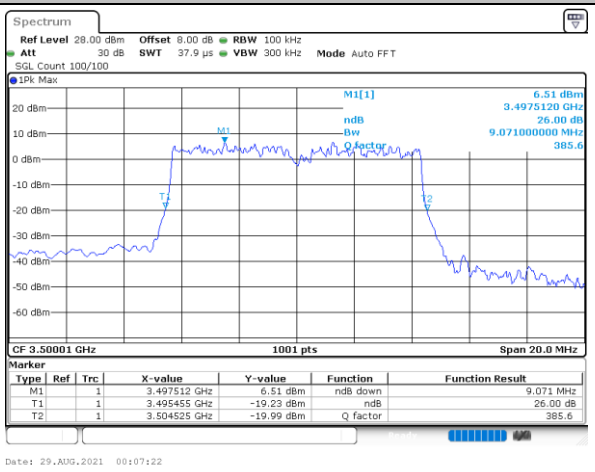
64QAM

Middle Channel



256QAM

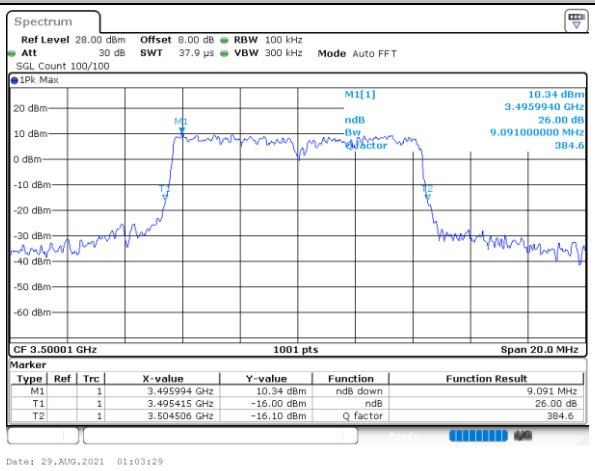
Middle Channel



FR1 UL-MIMO n77 / 10MHz / CP-OFDM (Port 2)

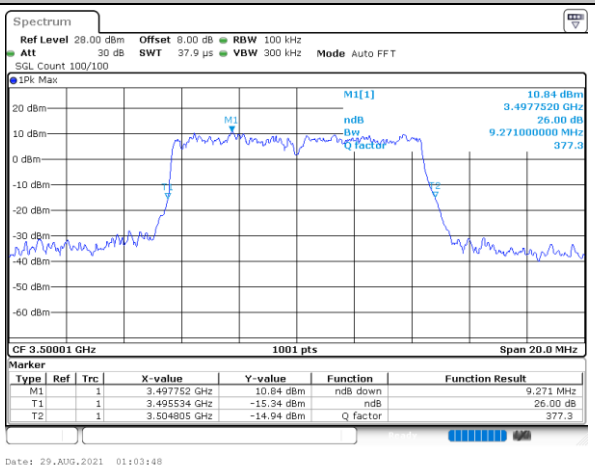
QPSK

Middle Channel



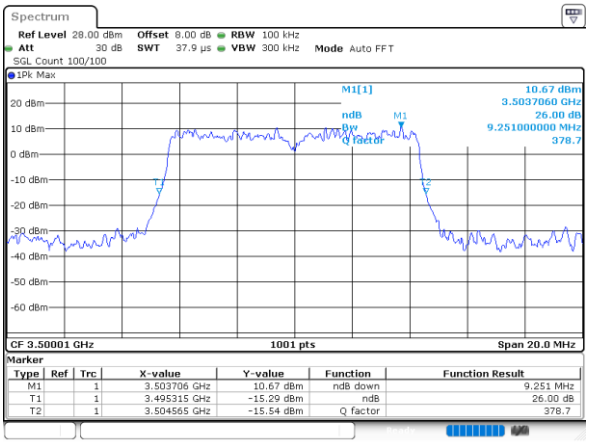
16QAM

Middle Channel



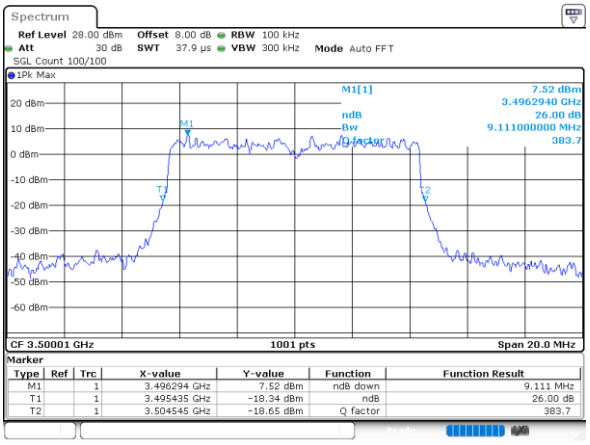
64QAM

Middle Channel



256QAM

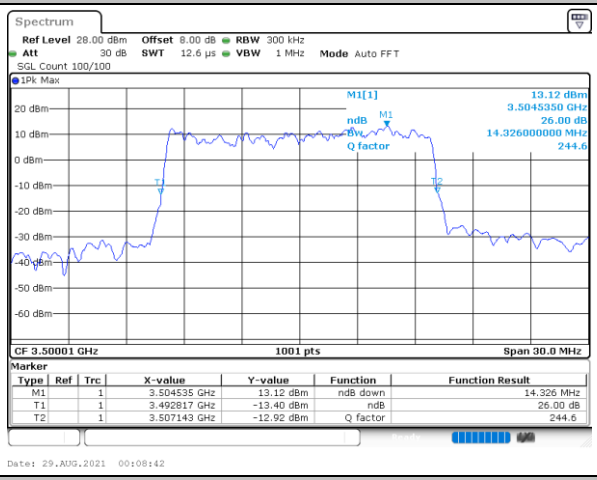
Middle Channel



FR1 UL-MIMO n77 / 15MHz / CP-OFDM (Port 1)

QPSK

Middle Channel



16QAM

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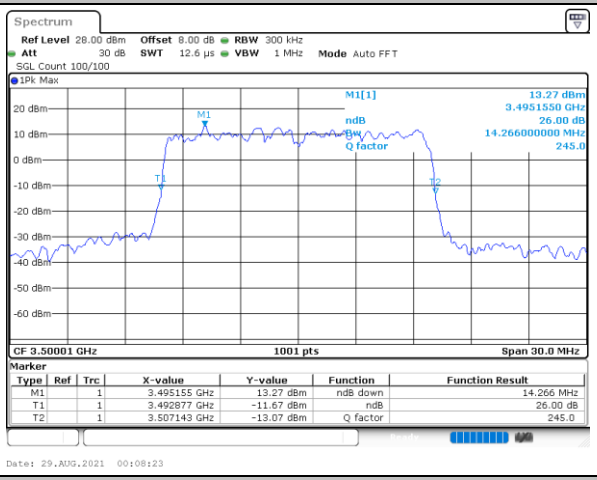

64QAM

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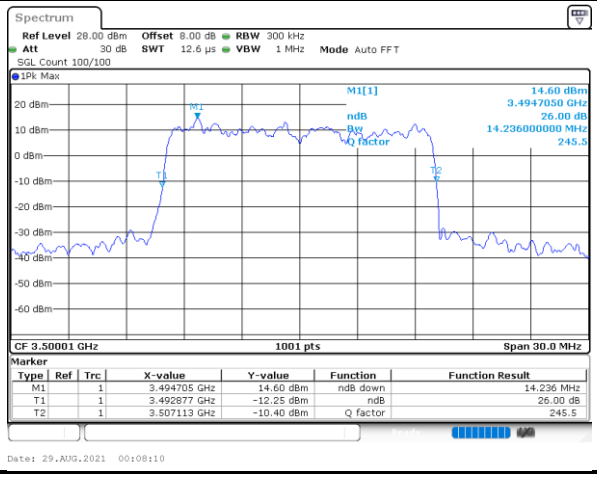

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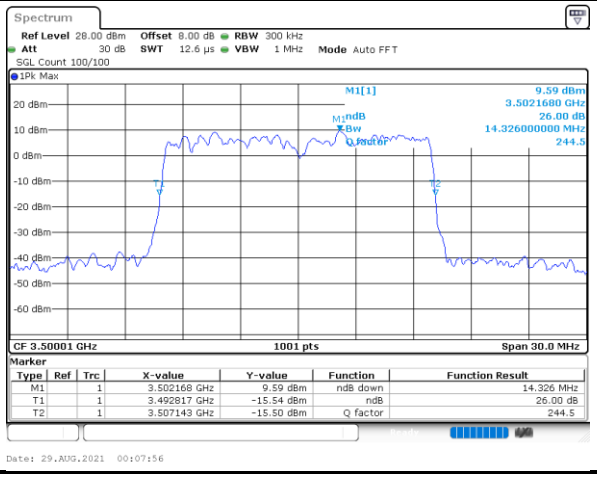
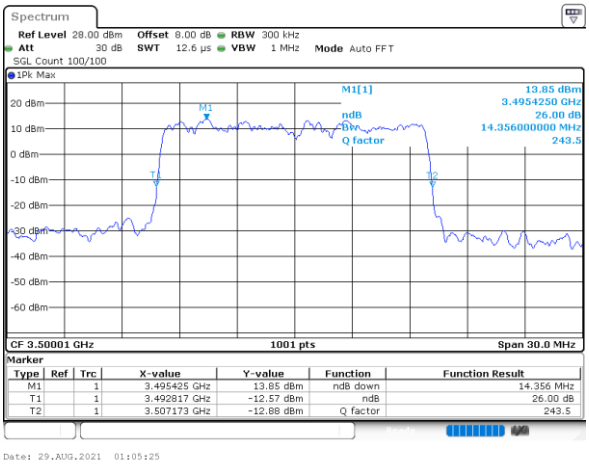


FR1 UL-MIMO n77 / 15MHz / CP-OFDM (Port 2)

QPSK

Middle Channel



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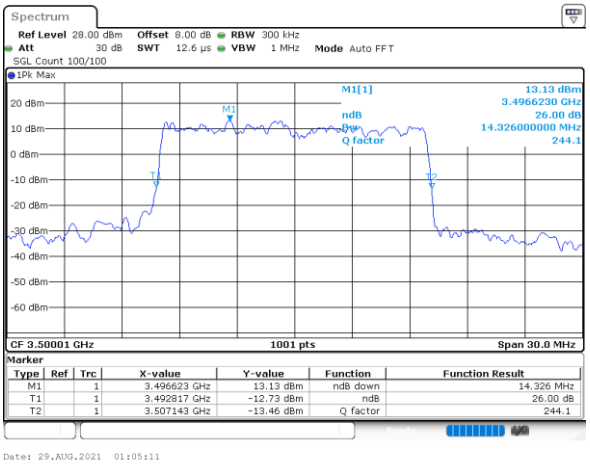

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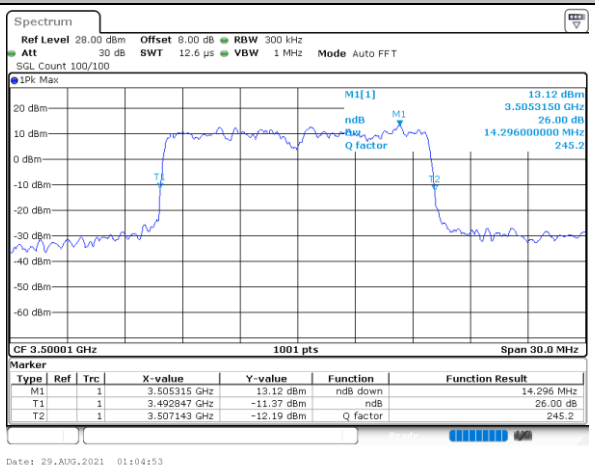

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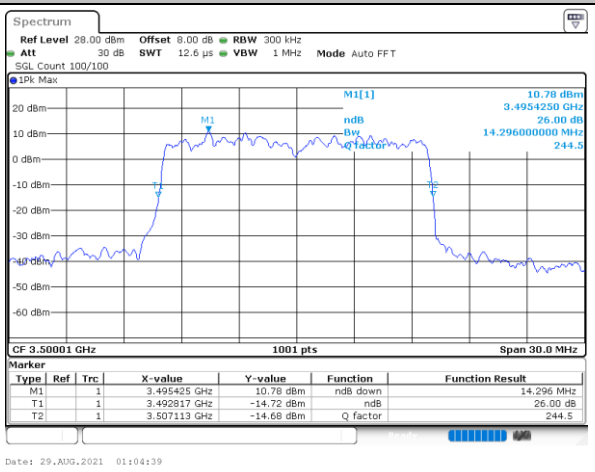

FR1 UL-MIMO n77 / 20MHz / CP-OFDM (Port 1)

QPSK

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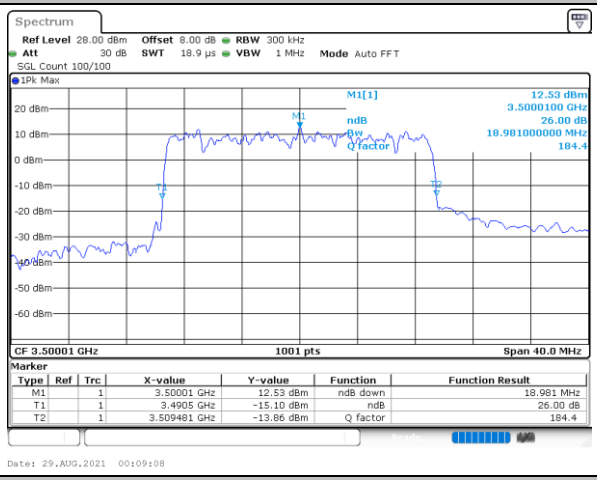

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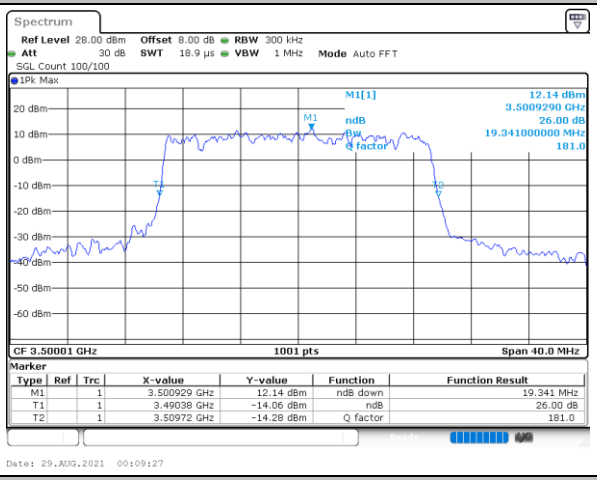

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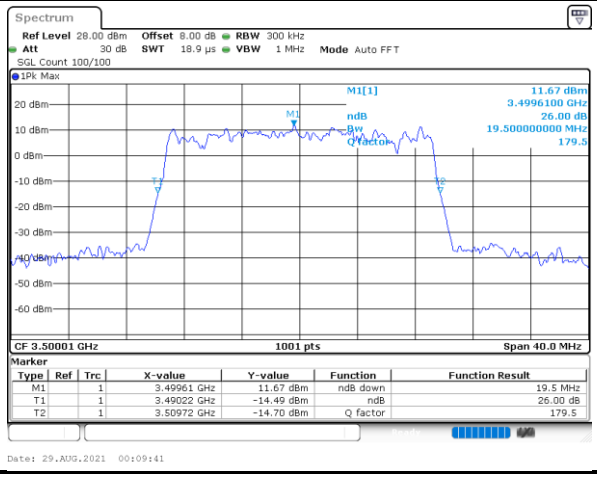

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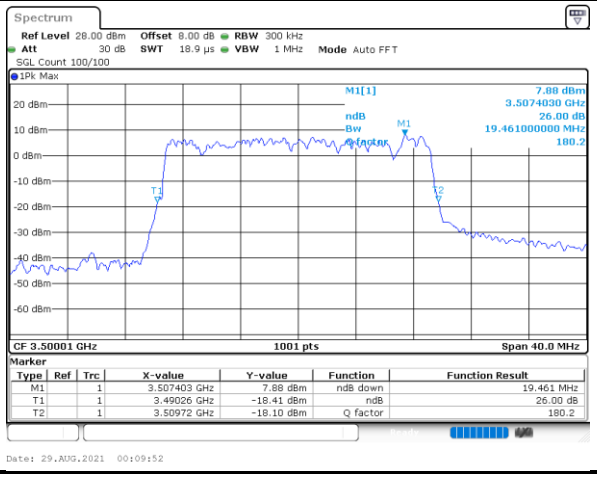

FR1 UL-MIMO n77 / 20MHz / CP-OFDM (Port 2)

QPSK

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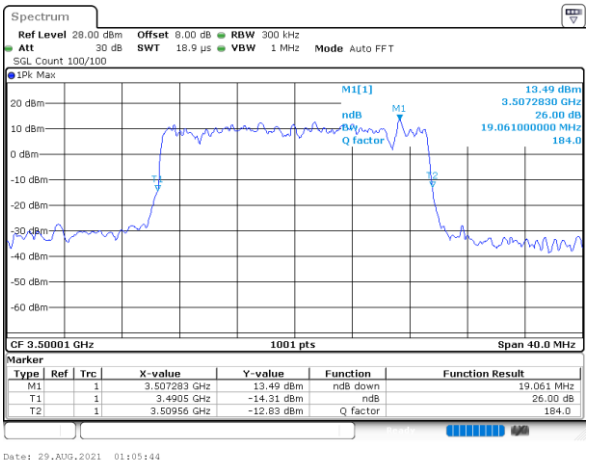

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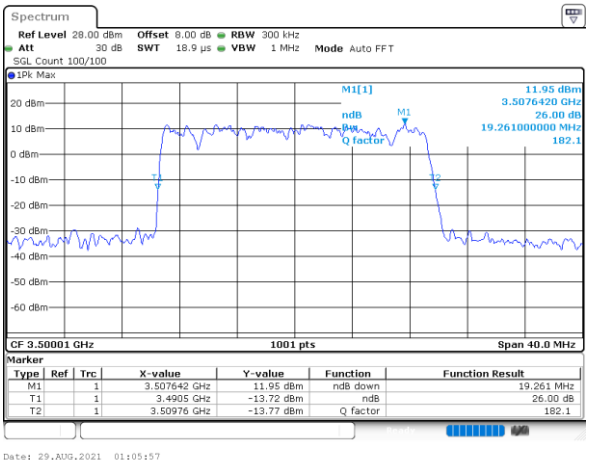

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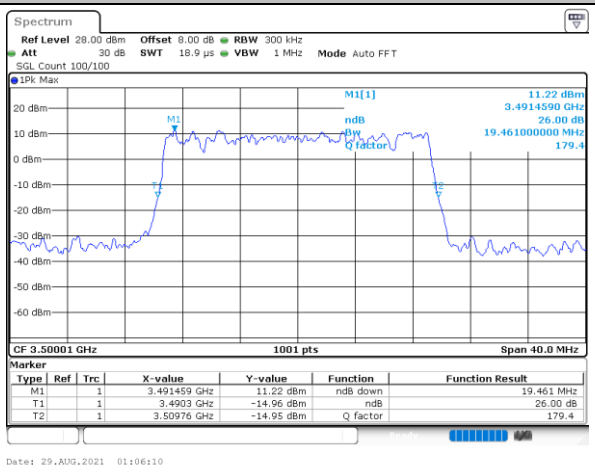

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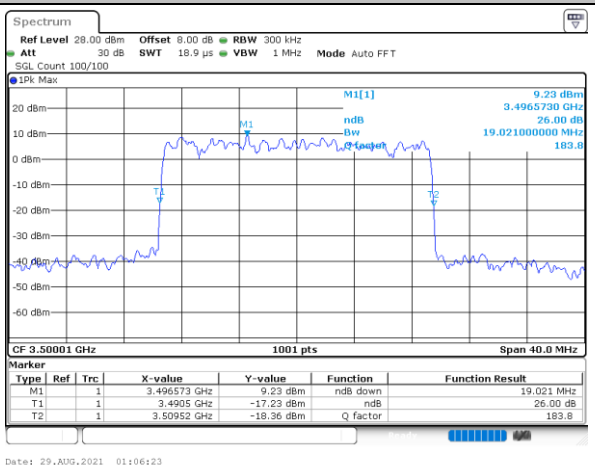
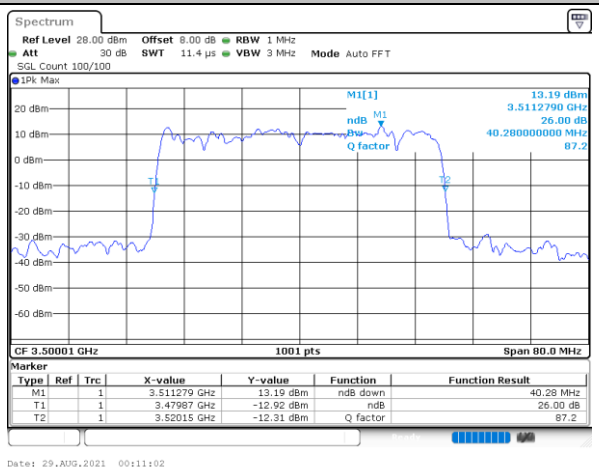


FR1 UL-MIMO n77 / 40MHz / CP-OFDM (Port 1)

QPSK

Middle Channel



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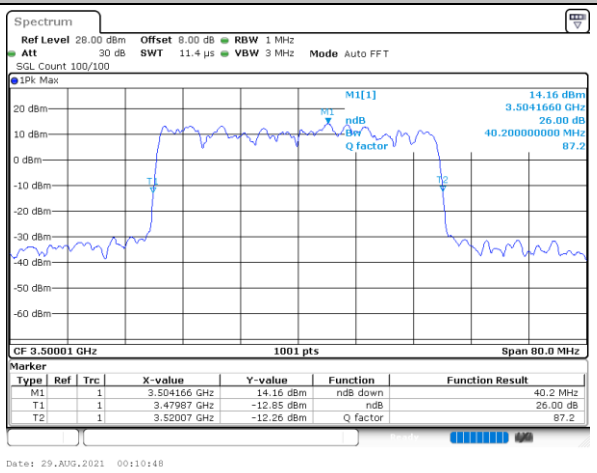

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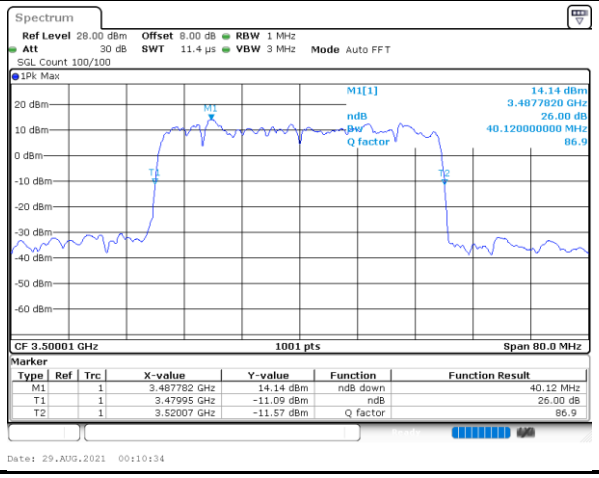
Middle Channel



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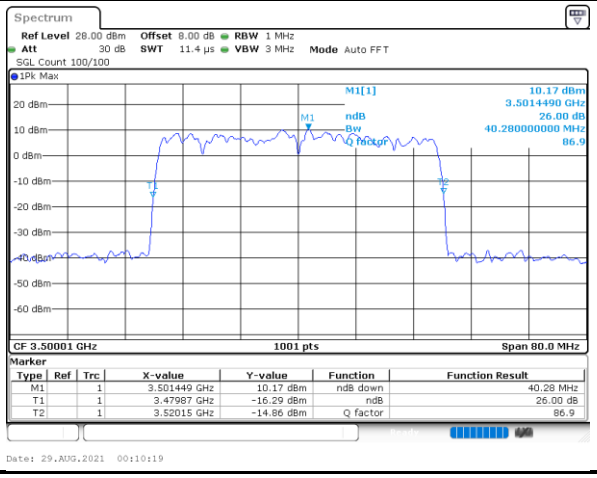
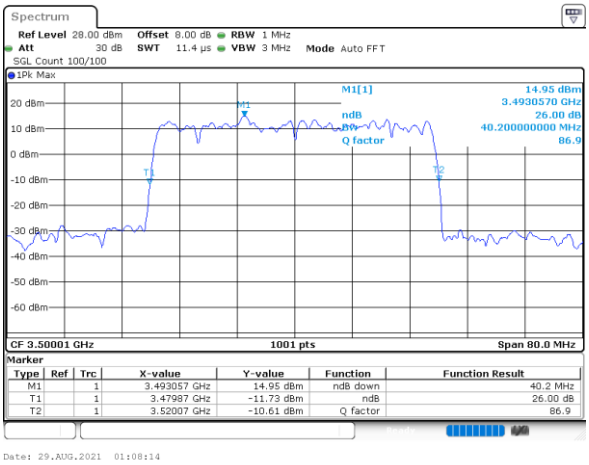
Middle Channel



FR1 UL-MIMO n77 / 40MHz / CP-OFDM (Port 2)

QPSK

Middle Channel



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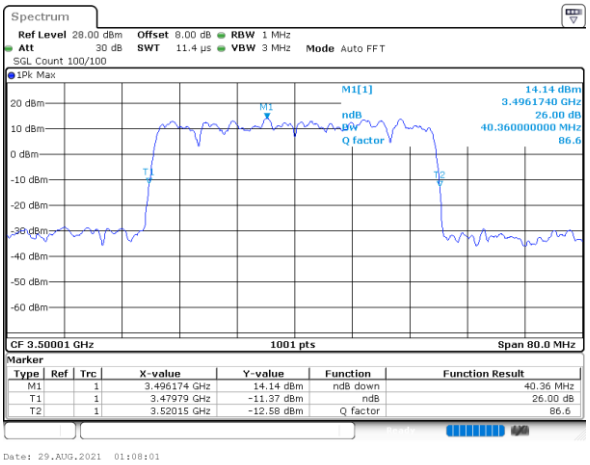

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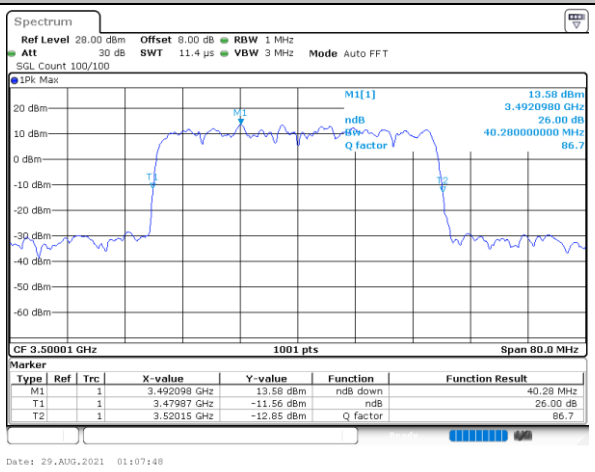
Middle Channel



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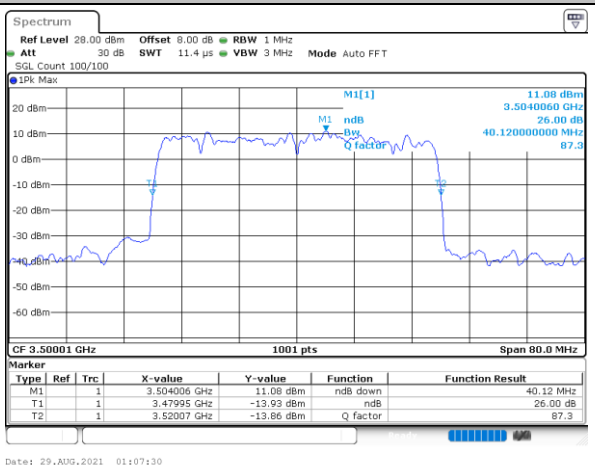
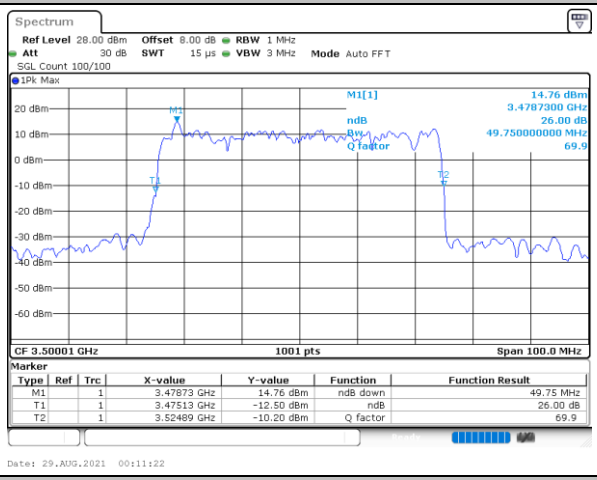


FR1 UL-MIMO n77 / 50MHz / CP-OFDM (Port 1)

QPSK

Middle Channel



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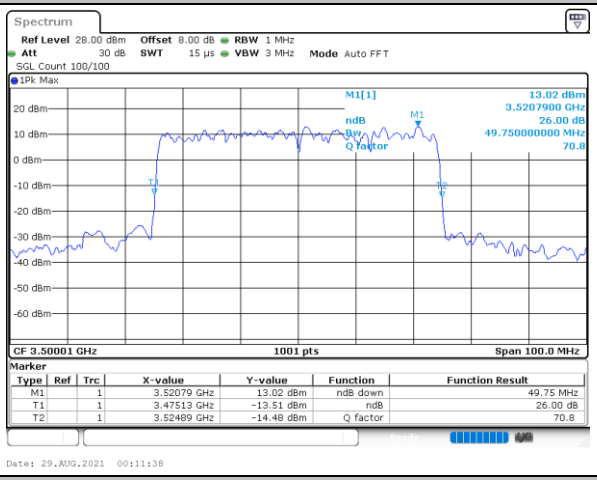
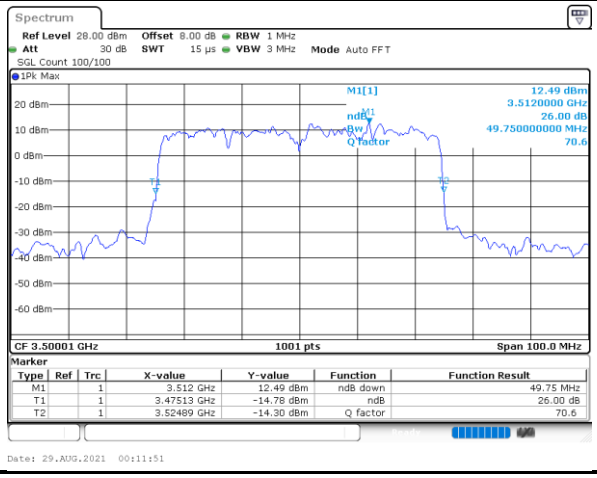


64QAM

Middle Channel



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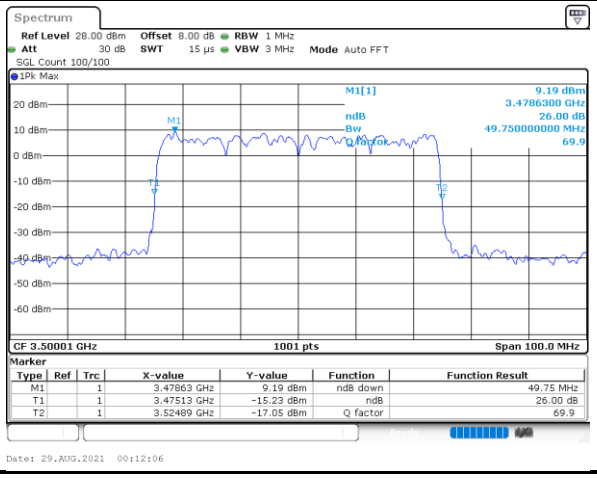
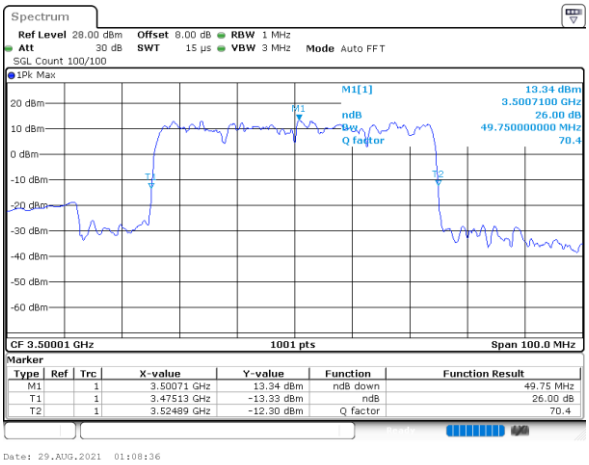
Middle Channel



FR1 UL-MIMO n77 / 50MHz / CP-OFDM (Port 2)

QPSK

Middle Channel



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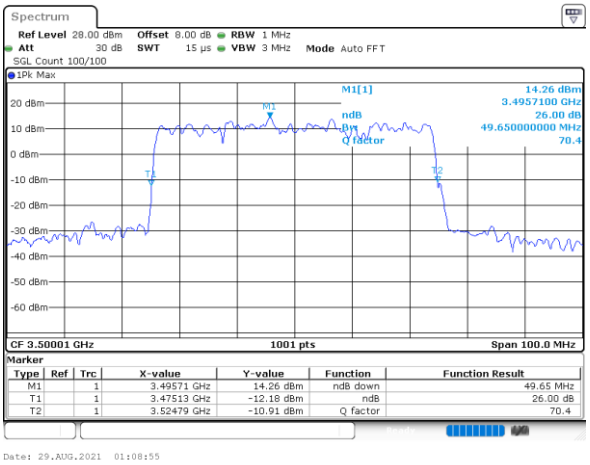

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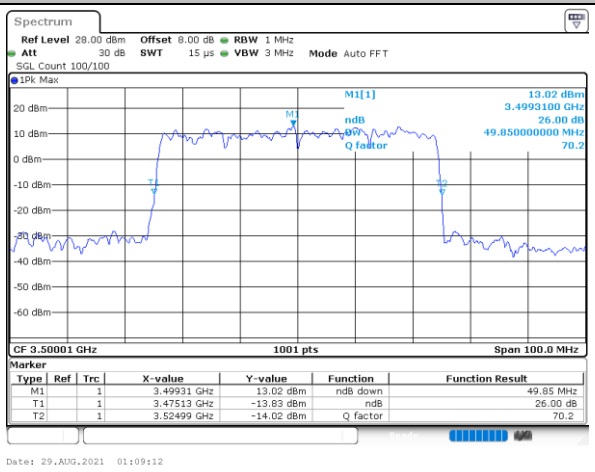

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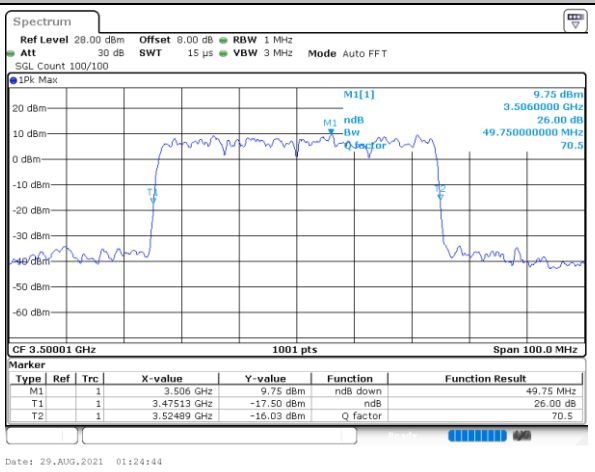
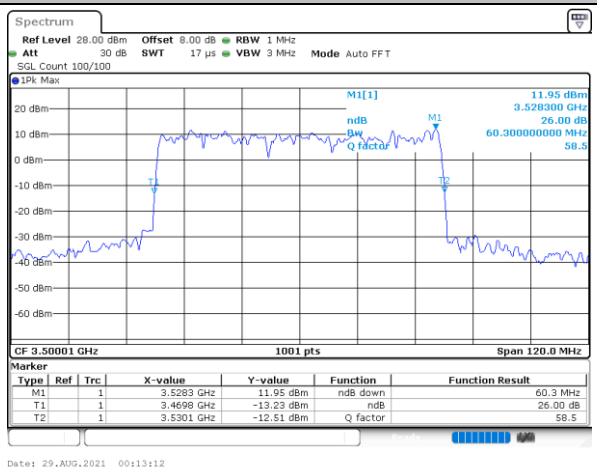
Middle Channel



FR1 UL-MIMO n77 / 60MHz / CP-OFDM (Port 1)

QPSK

Middle Channel



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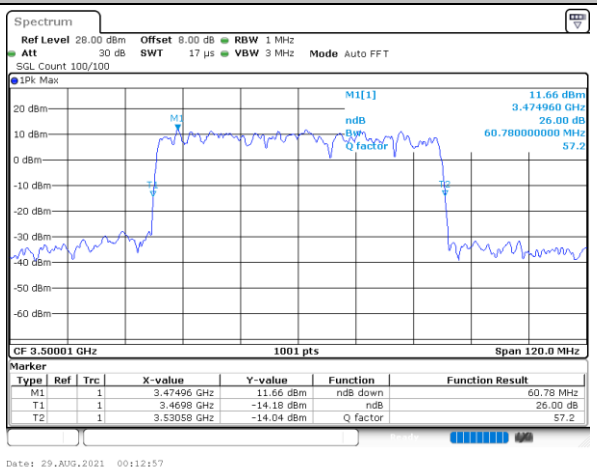

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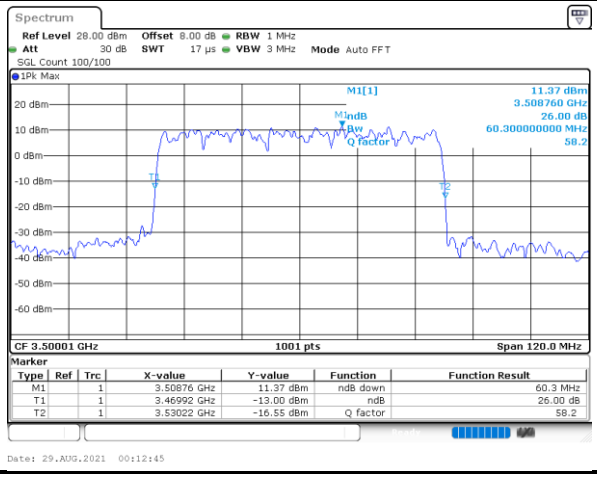

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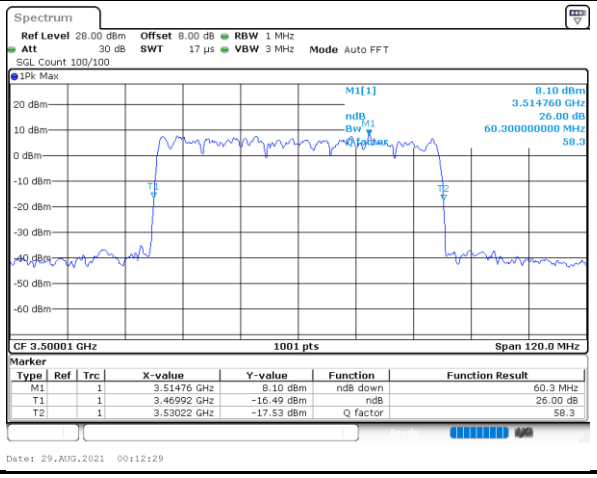
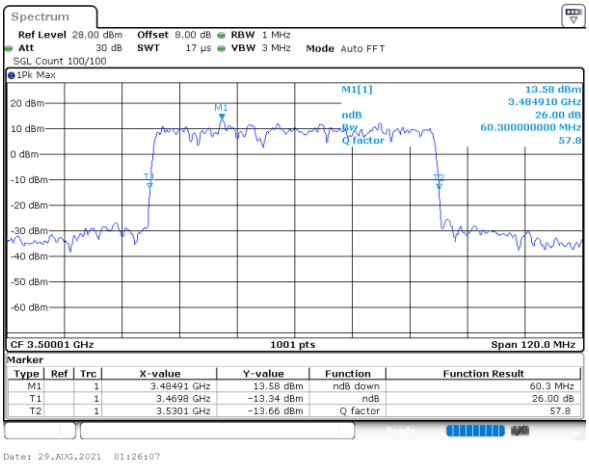


FR1 UL-MIMO n77 / 60MHz / CP-OFDM (Port 2)

QPSK

Middle Channel



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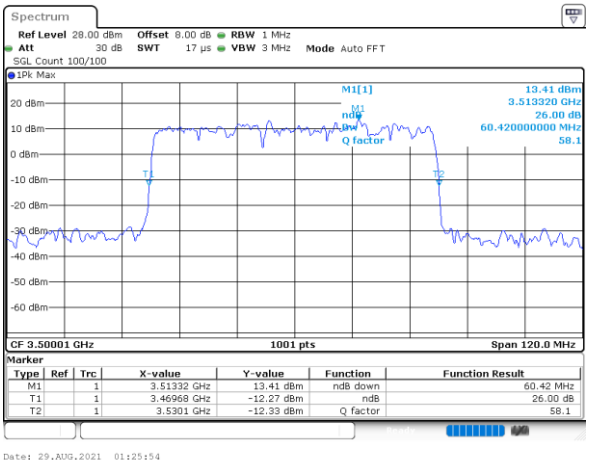

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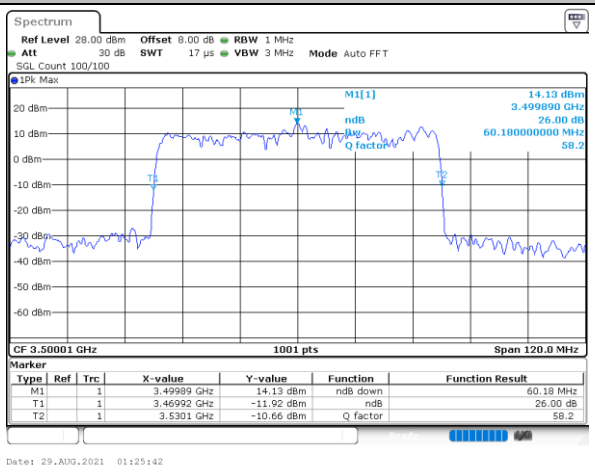

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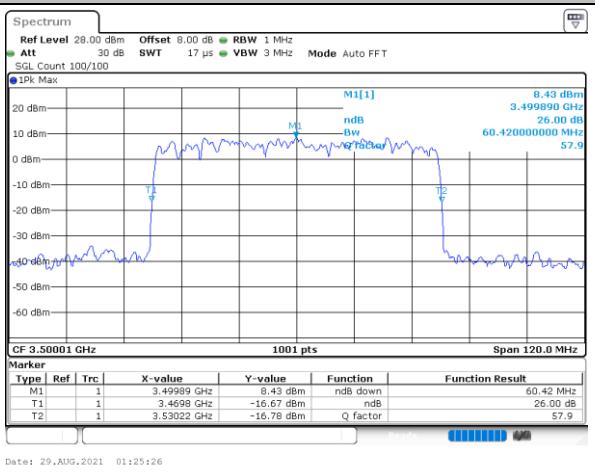
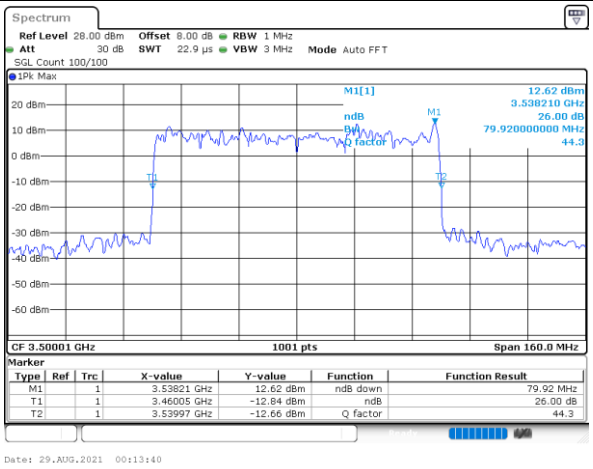


FR1 UL-MIMO n77 / 80MHz / CP-OFDM (Port 1)

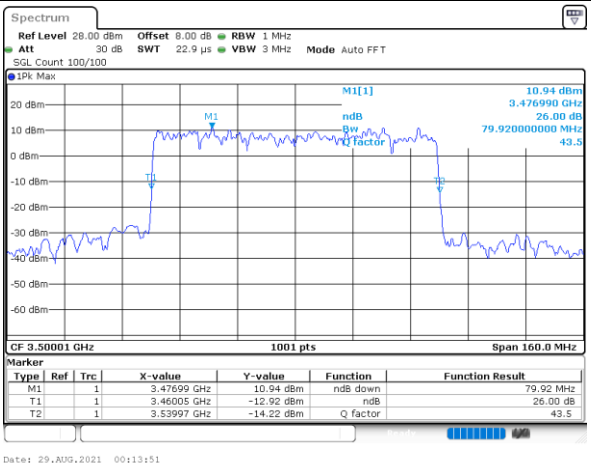
QPSK

Middle Channel



16QAM

Middle Channel



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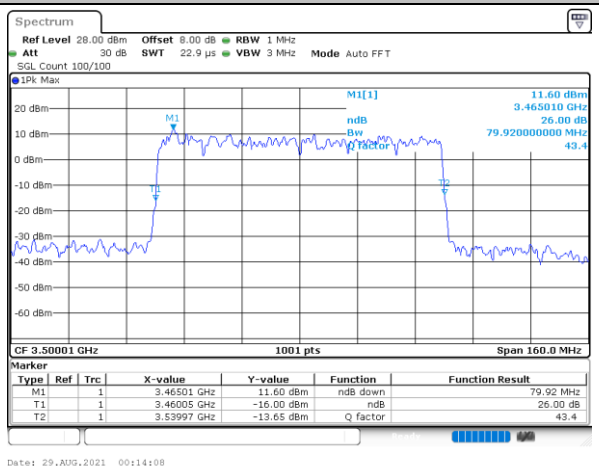
Middle Channel



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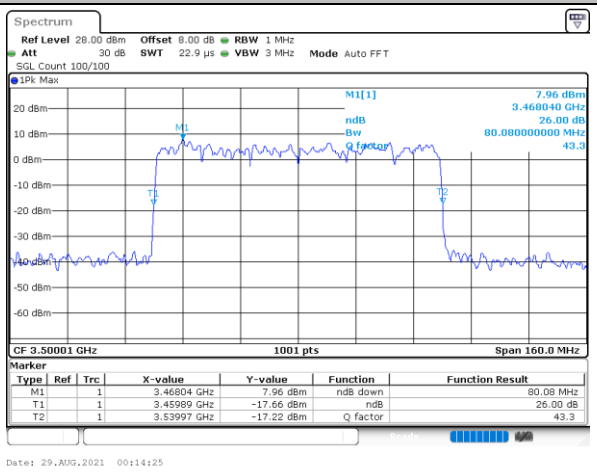
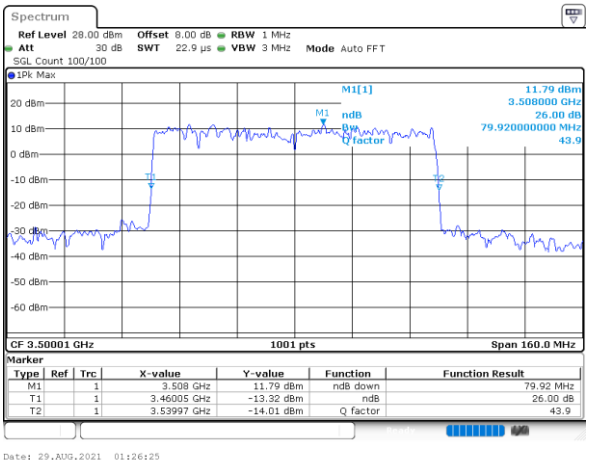
Middle Channel



FR1 UL-MIMO n77 / 80MHz / CP-OFDM (Port 2)

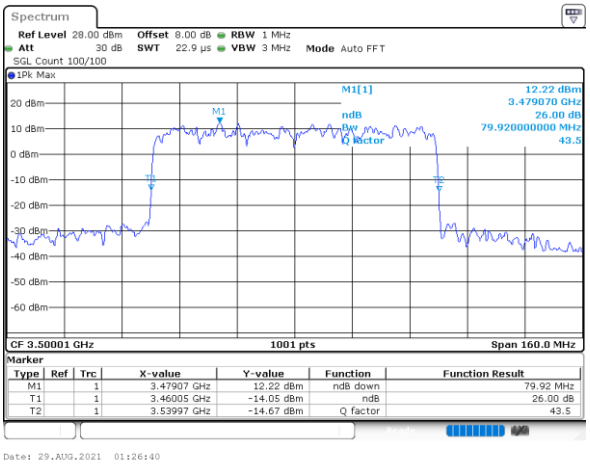
QPSK

Middle Channel



16QAM

Middle Channel



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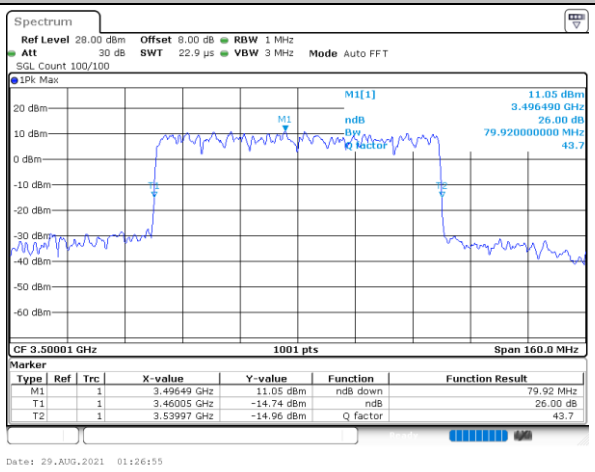
Middle Channel



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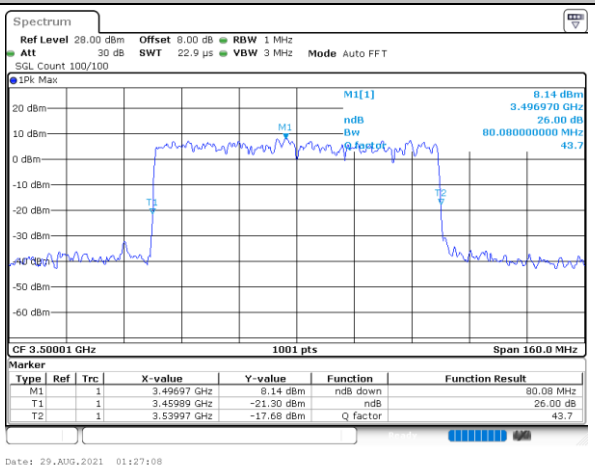
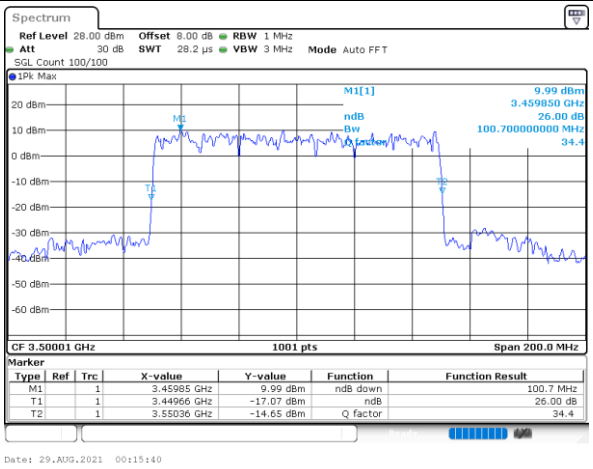
Middle Channel



FR1 UL-MIMO n77 / 100MHz / CP-OFDM (Port 1)

QPSK

Middle Channel



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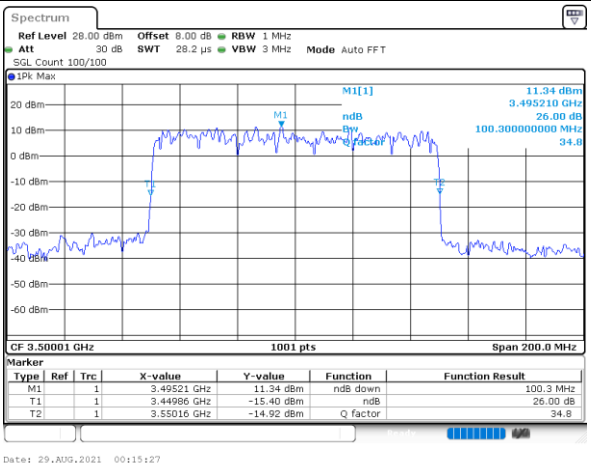
Middle Channel



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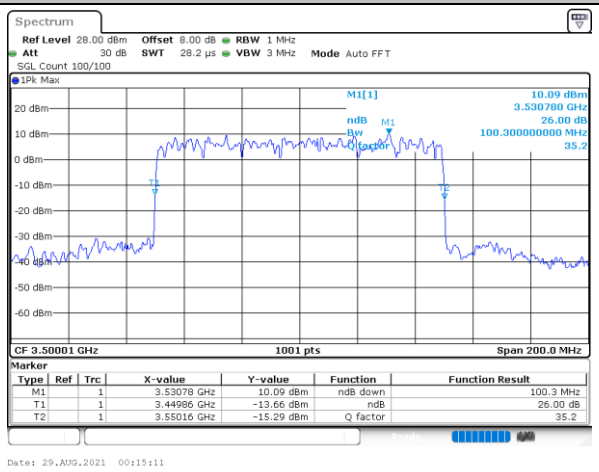
Middle Channel



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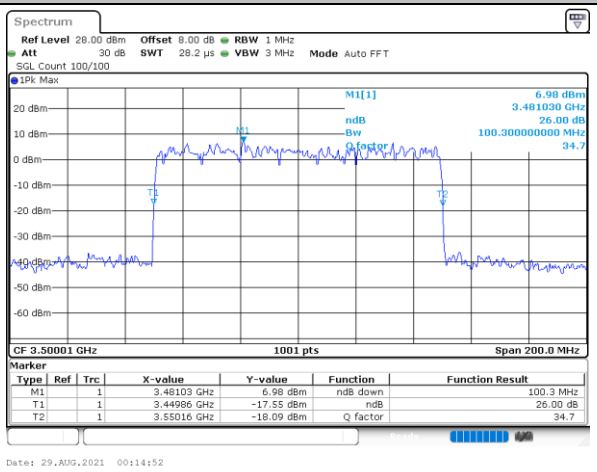
Middle Channel