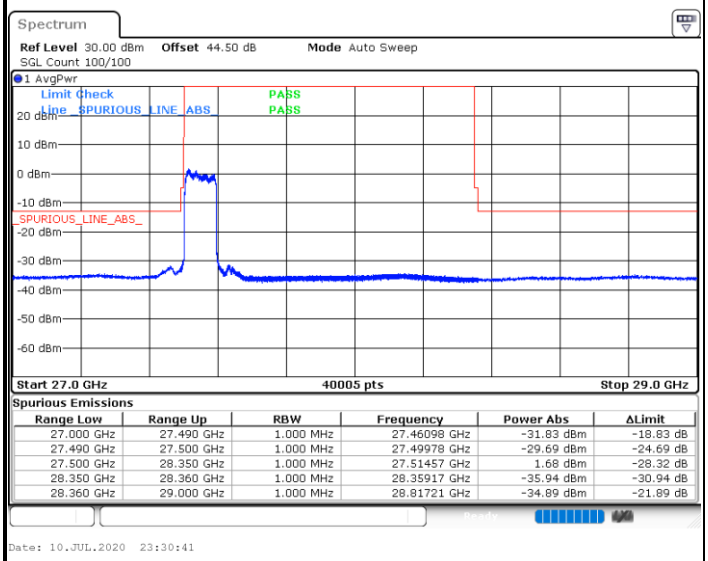
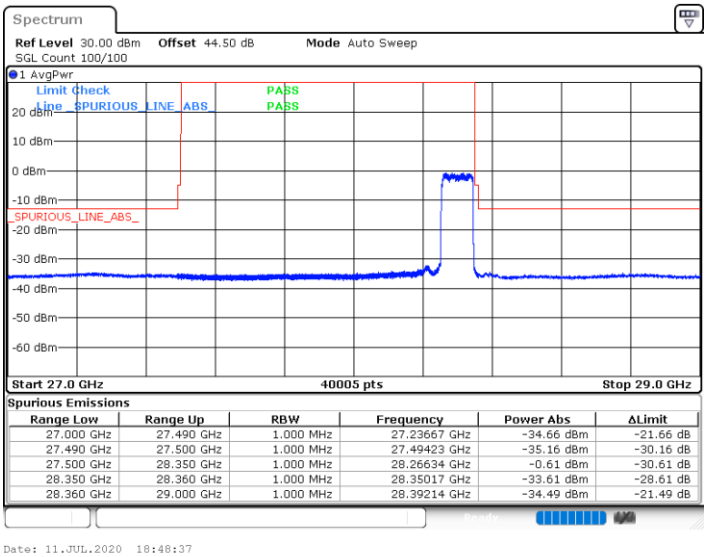
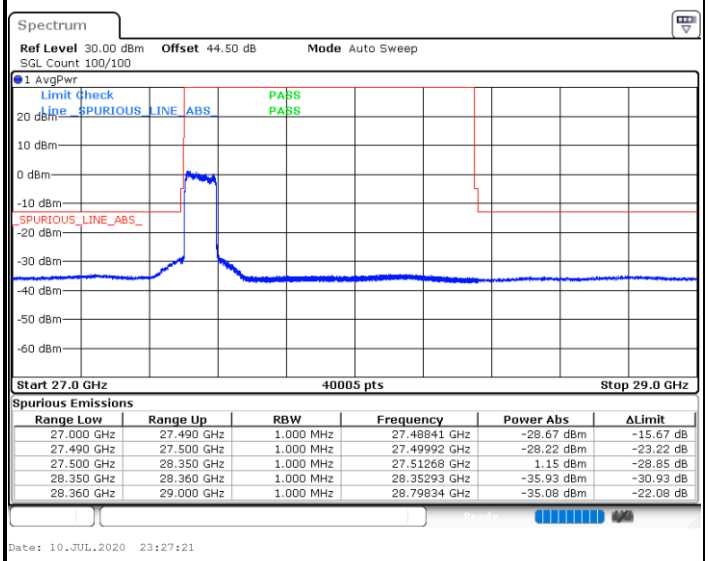
DFT-s-OFDM Module 0

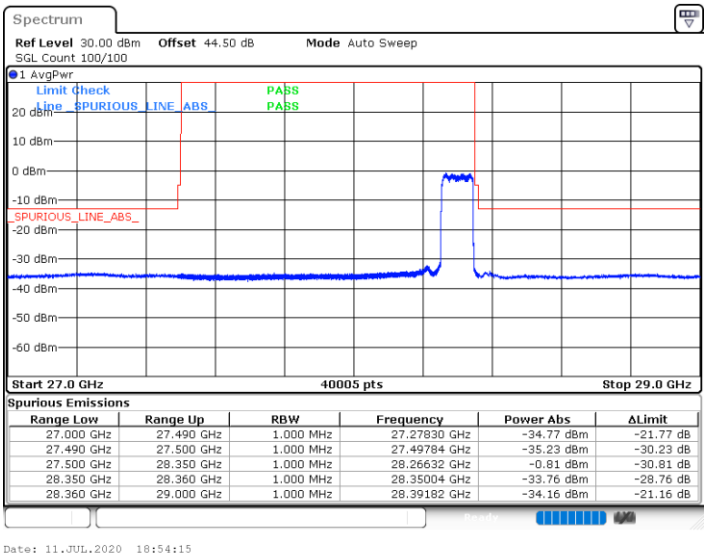
NR Band n261 / 100MHz / BPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**





NR Band n261 / 100MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**

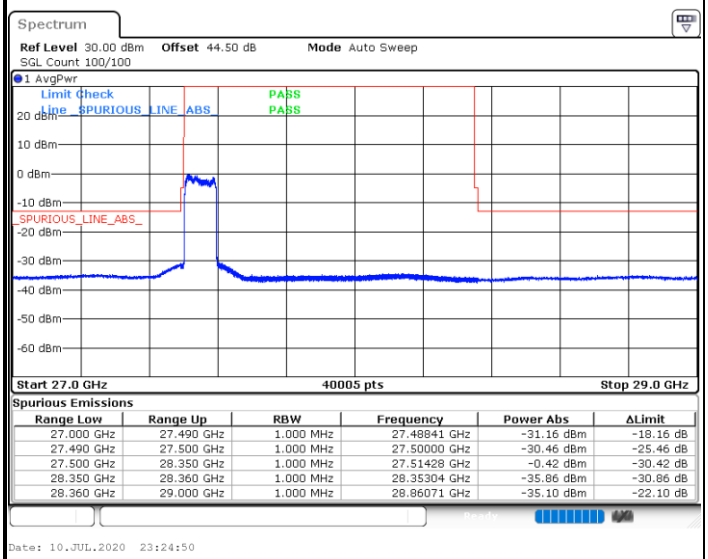




DFT-s-OFDM Module 0

NR Band n261 / 100MHz / 16QAM

Lowest Band Edge / Full RB

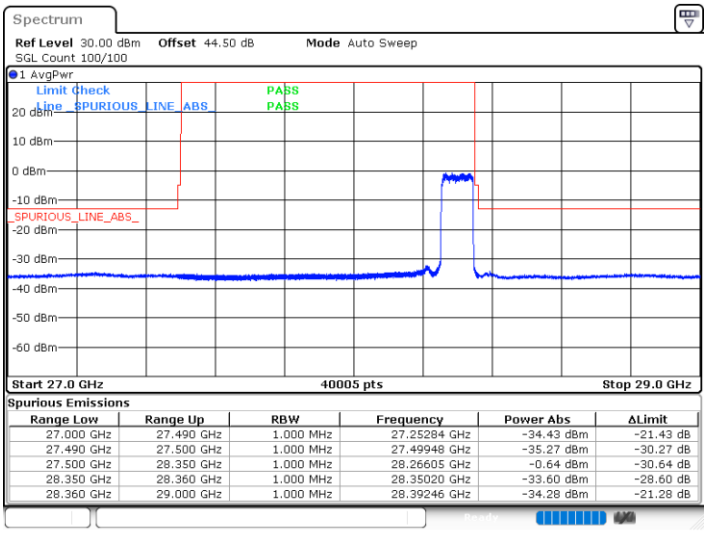


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.48841 GHz	-31.16 dBm	-18.16 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.50000 GHz	-30.46 dBm	-25.46 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.51428 GHz	-0.42 dBm	-30.42 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35304 GHz	-35.86 dBm	-30.86 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.86071 GHz	-35.10 dBm	-22.10 dB

Date: 10.JUL.2020 23:24:50

Highest Band Edge / Full RB



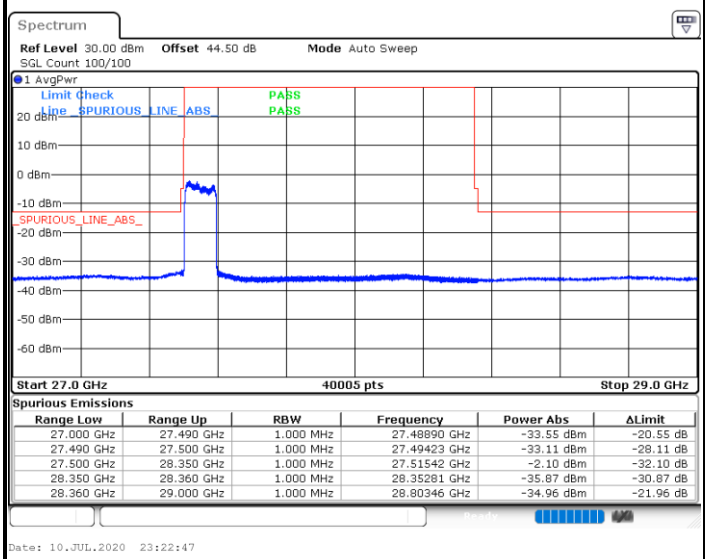
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.25284 GHz	-34.43 dBm	-21.43 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49948 GHz	-35.27 dBm	-30.27 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.26605 GHz	-0.64 dBm	-30.64 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35020 GHz	-33.60 dBm	-28.60 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.39246 GHz	-34.28 dBm	-21.28 dB

Date: 11.JUL.2020 19:01:54

NR Band n261 / 100MHz / 64QAM

Lowest Band Edge / Full RB

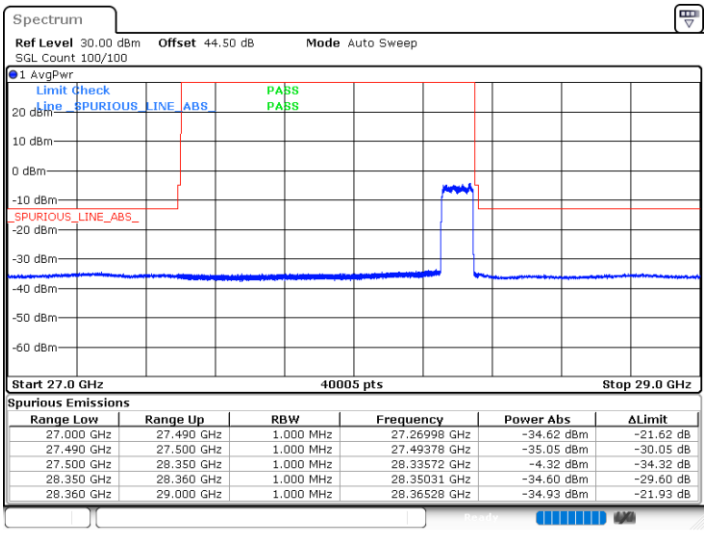


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.48890 GHz	-33.55 dBm	-20.55 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49423 GHz	-33.11 dBm	-28.11 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.51542 GHz	-2.10 dBm	-32.10 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35281 GHz	-35.87 dBm	-30.87 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.80346 GHz	-34.96 dBm	-21.96 dB

Date: 10.JUL.2020 23:22:47

Highest Band Edge / Full RB



Spurious Emissions

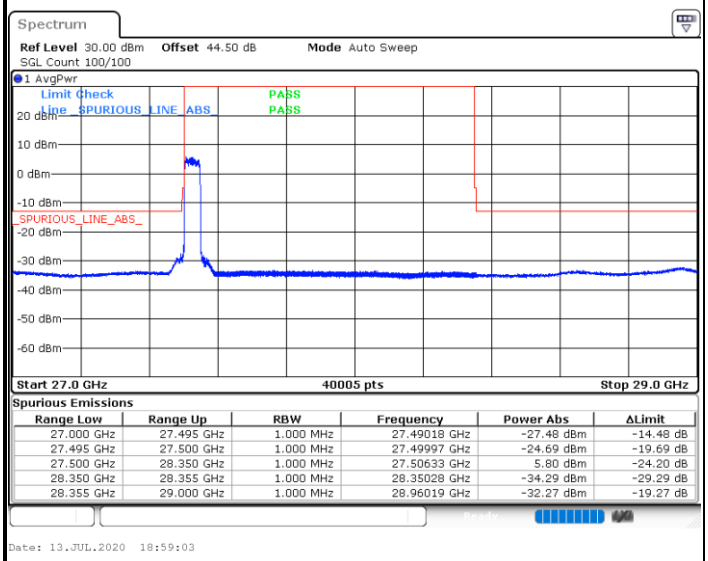
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.26998 GHz	-34.62 dBm	-21.62 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49378 GHz	-35.05 dBm	-30.05 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.33572 GHz	-4.32 dBm	-34.32 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35031 GHz	-34.60 dBm	-29.60 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.36528 GHz	-34.93 dBm	-21.93 dB

Date: 11.JUL.2020 19:04:46

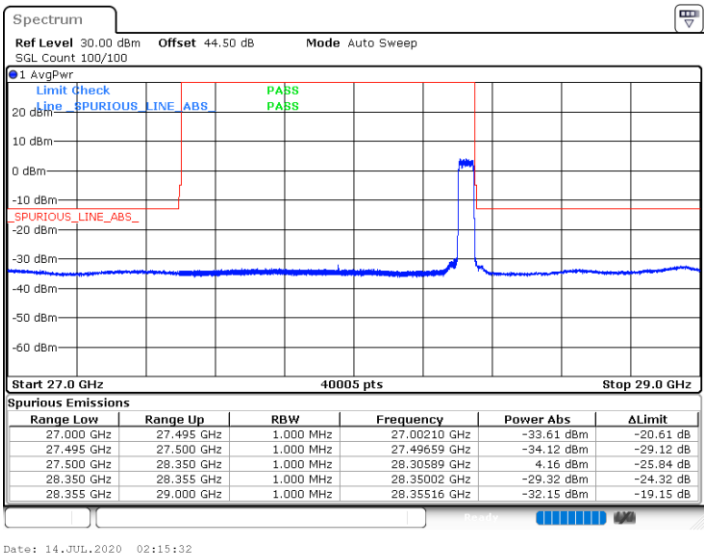
DFT-s-OFDM Module 1

NR Band n261 / 50MHz / BPSK

Lowest Band Edge / Full RB

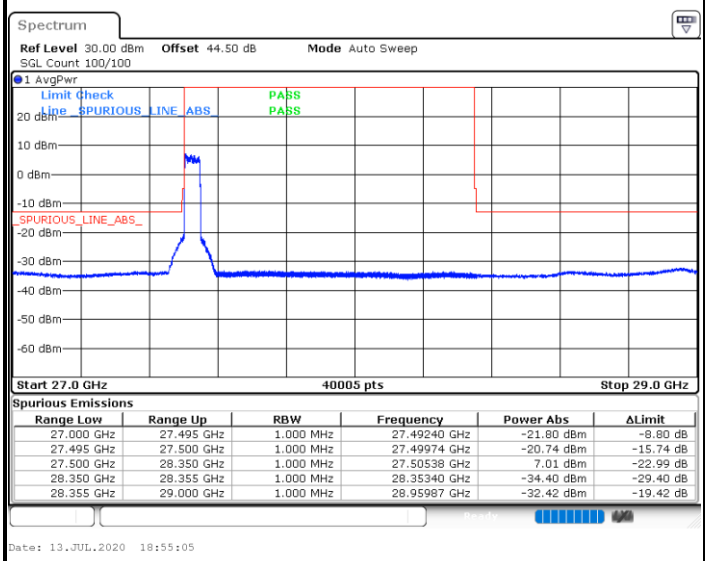


Highest Band Edge / Full RB

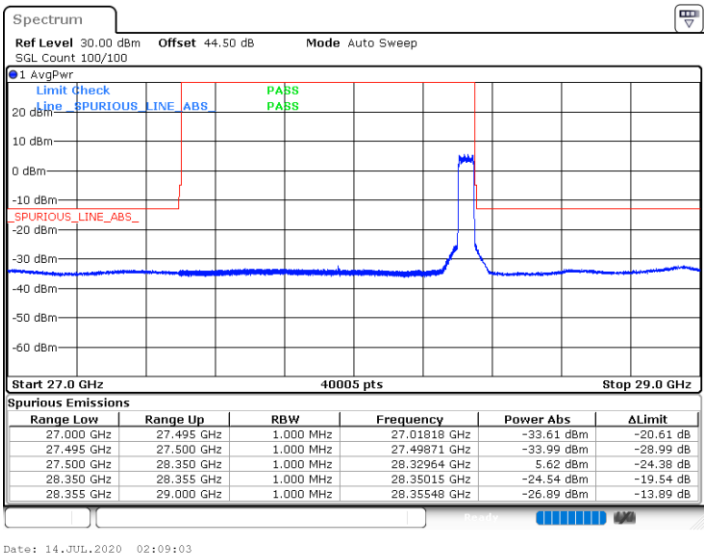


NR Band n261 / 50MHz / QPSK

Lowest Band Edge / Full RB



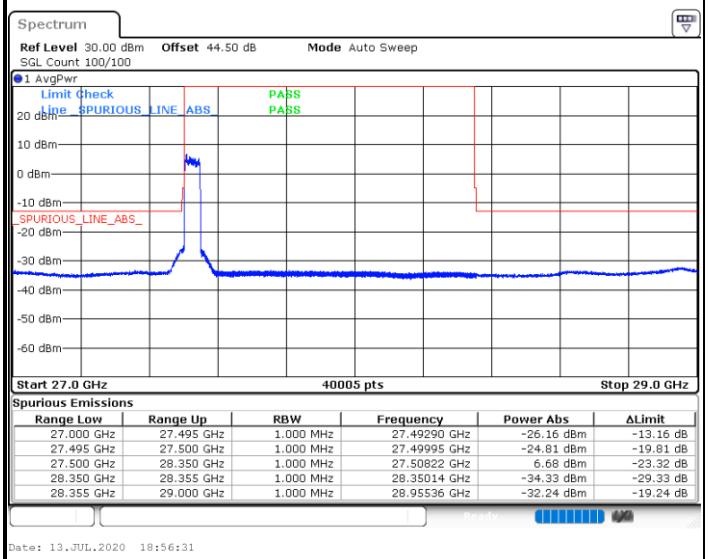
Highest Band Edge / Full RB



DFT-s-OFDM Module 1

NR Band n261 / 50MHz / 16QAM

Lowest Band Edge / Full RB

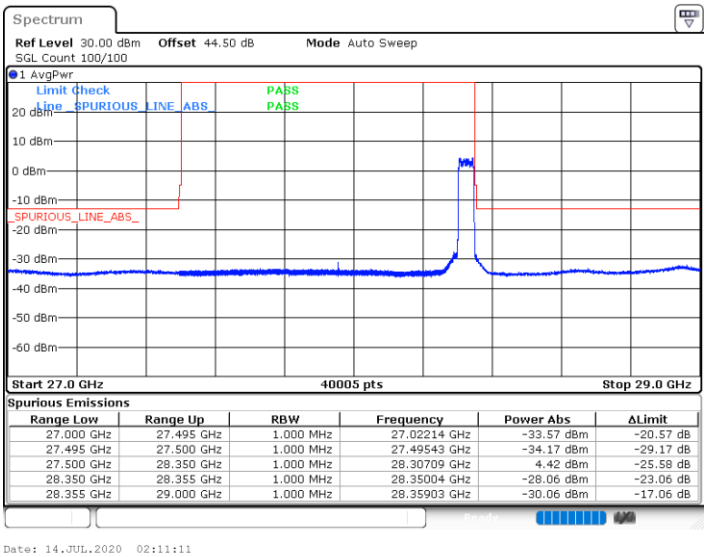


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.495 GHz	1.000 MHz	27.49290 GHz	-26.16 dBm	-13.16 dB
27.495 GHz	27.500 GHz	1.000 MHz	27.49995 GHz	-24.81 dBm	-19.81 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.50822 GHz	6.68 dBm	-23.32 dB
28.350 GHz	28.355 GHz	1.000 MHz	28.35014 GHz	-34.33 dBm	-29.33 dB
28.355 GHz	29.000 GHz	1.000 MHz	28.95536 GHz	-32.24 dBm	-19.24 dB

Date: 13.JUL.2020 18:56:31

Highest Band Edge / Full RB



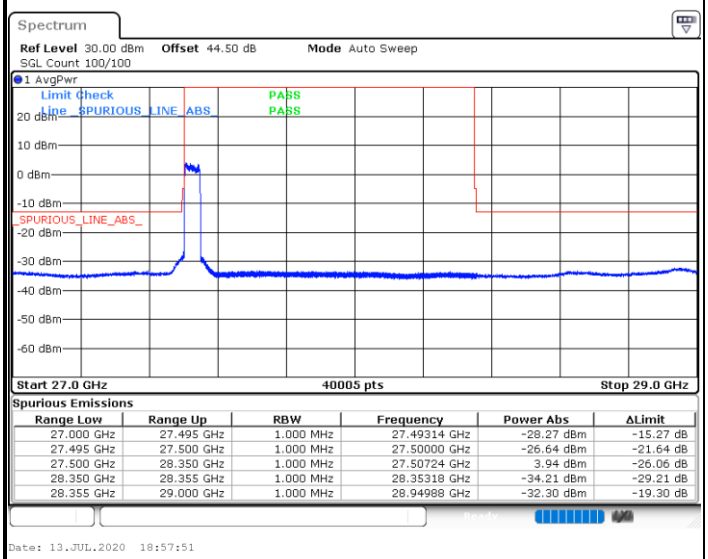
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.495 GHz	1.000 MHz	27.02214 GHz	-33.57 dBm	-20.57 dB
27.495 GHz	27.500 GHz	1.000 MHz	27.49543 GHz	-34.17 dBm	-29.17 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.30709 GHz	4.42 dBm	-25.58 dB
28.350 GHz	28.355 GHz	1.000 MHz	28.35004 GHz	-28.06 dBm	-23.06 dB
28.355 GHz	29.000 GHz	1.000 MHz	28.35903 GHz	-30.06 dBm	-17.06 dB

Date: 14.JUL.2020 02:11:11

NR Band n261 / 50MHz / 64QAM

Lowest Band Edge / Full RB

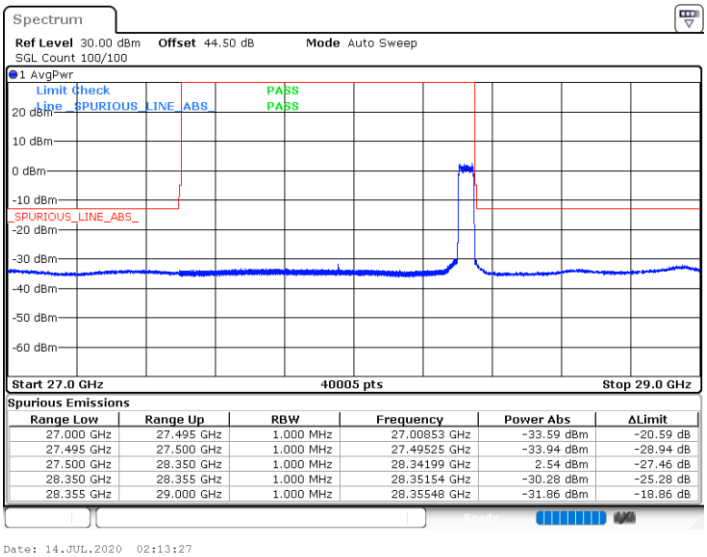


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.495 GHz	1.000 MHz	27.49314 GHz	-28.27 dBm	-15.27 dB
27.495 GHz	27.500 GHz	1.000 MHz	27.50000 GHz	-26.64 dBm	-21.64 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.50724 GHz	3.94 dBm	-26.06 dB
28.350 GHz	28.355 GHz	1.000 MHz	28.35318 GHz	-34.21 dBm	-29.21 dB
28.355 GHz	29.000 GHz	1.000 MHz	28.94988 GHz	-32.30 dBm	-19.30 dB

Date: 13.JUL.2020 18:57:51

Highest Band Edge / Full RB



Spurious Emissions

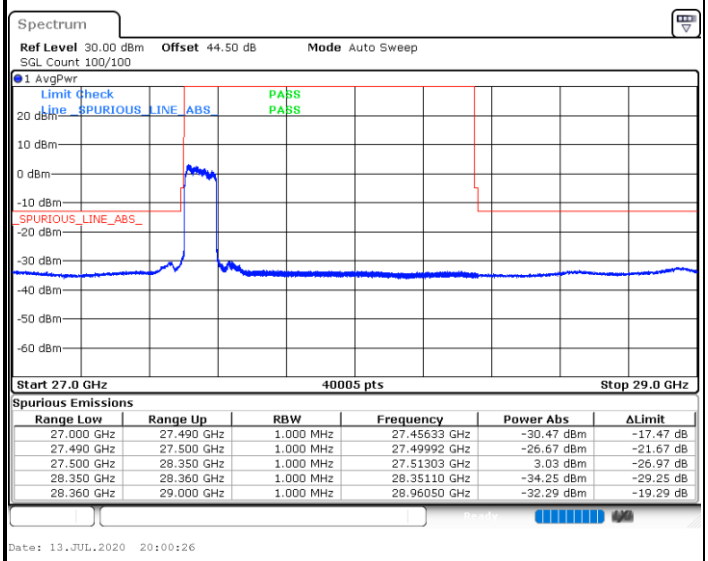
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.495 GHz	1.000 MHz	27.00853 GHz	-33.59 dBm	-20.59 dB
27.495 GHz	27.500 GHz	1.000 MHz	27.49525 GHz	-33.94 dBm	-28.94 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.34199 GHz	2.54 dBm	-27.46 dB
28.350 GHz	28.355 GHz	1.000 MHz	28.35154 GHz	-30.28 dBm	-25.28 dB
28.355 GHz	29.000 GHz	1.000 MHz	28.35548 GHz	-31.86 dBm	-18.86 dB

Date: 14.JUL.2020 02:13:27

DFT-s-OFDM Module 1

NR Band n261 / 100MHz / BPSK

Lowest Band Edge / Full RB

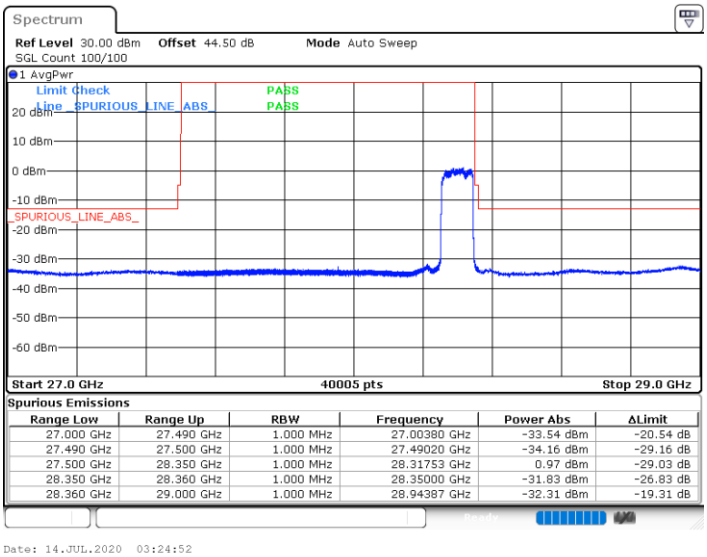


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.45633 GHz	-30.47 dBm	-17.47 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49992 GHz	-26.67 dBm	-21.67 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.51303 GHz	3.03 dBm	-26.97 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35110 GHz	-34.25 dBm	-29.25 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.96050 GHz	-32.29 dBm	-19.29 dB

Date: 13.JUL.2020 20:00:26

Highest Band Edge / Full RB



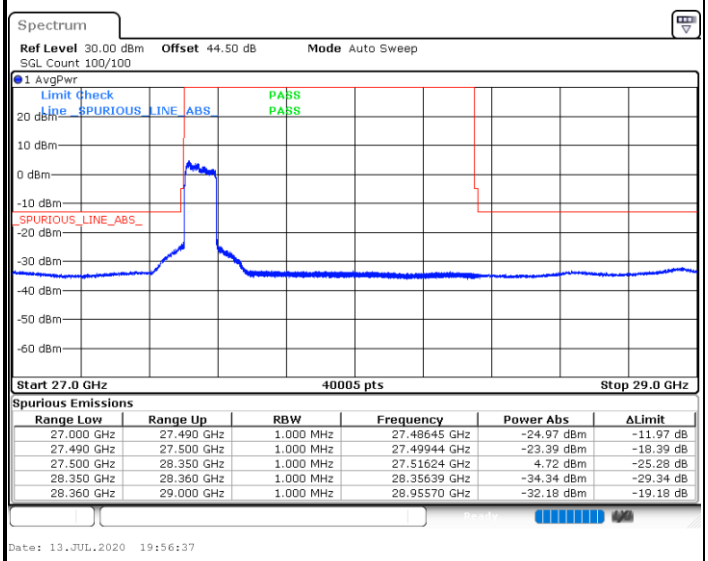
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.00380 GHz	-33.54 dBm	-20.54 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49020 GHz	-34.16 dBm	-29.16 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.31753 GHz	0.97 dBm	-29.03 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35000 GHz	-31.83 dBm	-26.83 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.94387 GHz	-32.31 dBm	-19.31 dB

Date: 14.JUL.2020 03:24:52

NR Band n261 / 100MHz / QPSK

Lowest Band Edge / Full RB

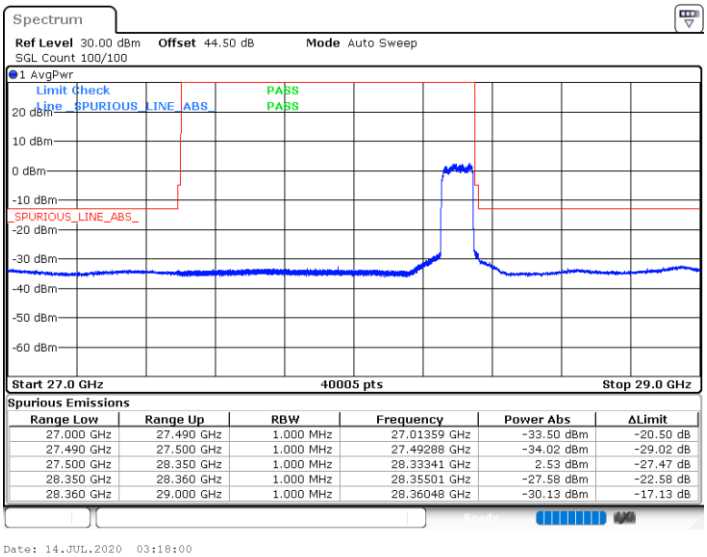


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.48645 GHz	-24.97 dBm	-11.97 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49944 GHz	-23.39 dBm	-18.39 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.51624 GHz	4.72 dBm	-25.28 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35639 GHz	-34.34 dBm	-29.34 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.95570 GHz	-32.18 dBm	-19.18 dB

Date: 13.JUL.2020 19:56:37

Highest Band Edge / Full RB



Spurious Emissions

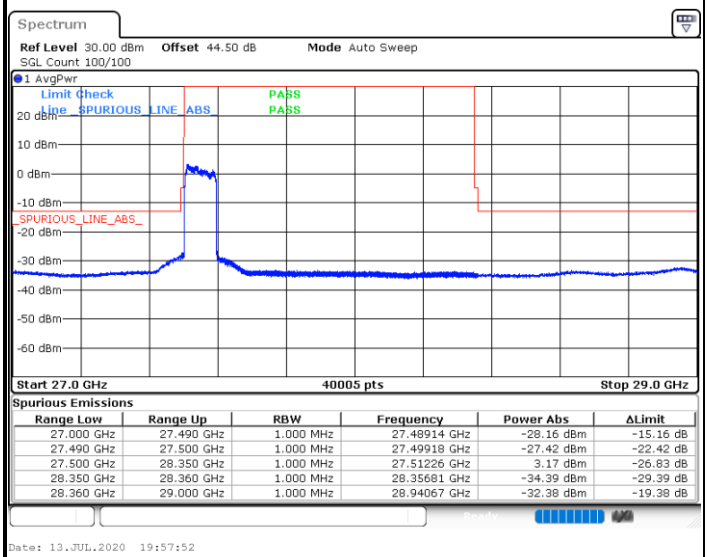
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.01359 GHz	-33.50 dBm	-20.50 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49288 GHz	-34.02 dBm	-29.02 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.33341 GHz	2.53 dBm	-27.47 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35501 GHz	-27.58 dBm	-22.58 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.36048 GHz	-30.13 dBm	-17.13 dB

Date: 14.JUL.2020 03:18:00

DFT-s-OFDM Module 1

NR Band n261 / 100MHz / 16QAM

Lowest Band Edge / Full RB

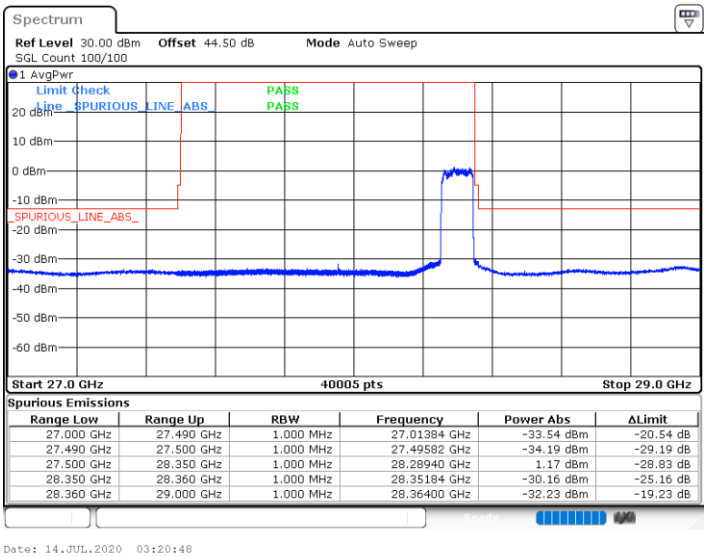


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.48914 GHz	-28.16 dBm	-15.16 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49918 GHz	-27.42 dBm	-22.42 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.51226 GHz	3.17 dBm	-26.83 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35681 GHz	-34.39 dBm	-29.39 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.94067 GHz	-32.38 dBm	-19.38 dB

Date: 13.JUL.2020 19:57:52

Highest Band Edge / Full RB



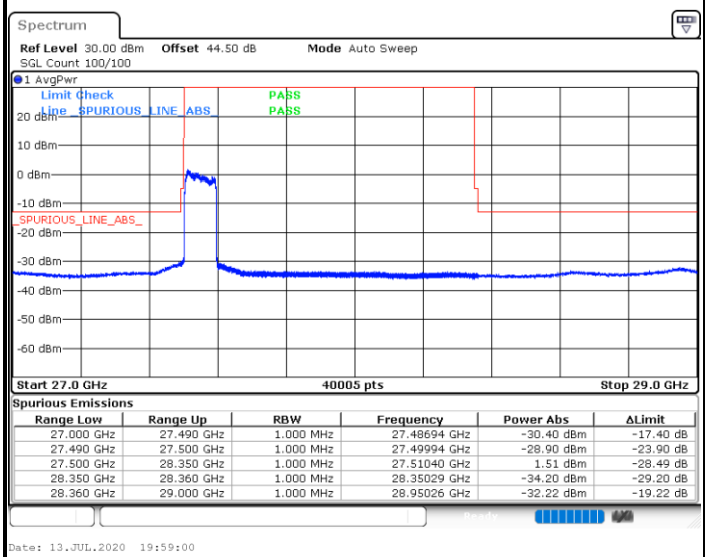
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.01384 GHz	-33.54 dBm	-20.54 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49582 GHz	-34.19 dBm	-29.19 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.28940 GHz	1.17 dBm	-28.83 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35184 GHz	-30.16 dBm	-25.16 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.36400 GHz	-32.23 dBm	-19.23 dB

Date: 14.JUL.2020 03:20:48

NR Band n261 / 100MHz / 64QAM

Lowest Band Edge / Full RB

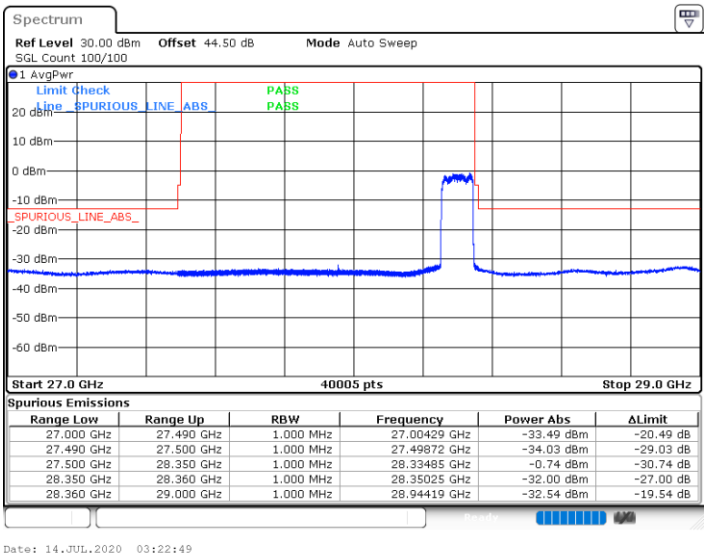


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.48694 GHz	-30.40 dBm	-17.40 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49994 GHz	-28.90 dBm	-23.90 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.51040 GHz	1.51 dBm	-28.49 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35029 GHz	-34.20 dBm	-29.20 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.95026 GHz	-32.22 dBm	-19.22 dB

Date: 13.JUL.2020 19:59:00

Highest Band Edge / Full RB



Spurious Emissions

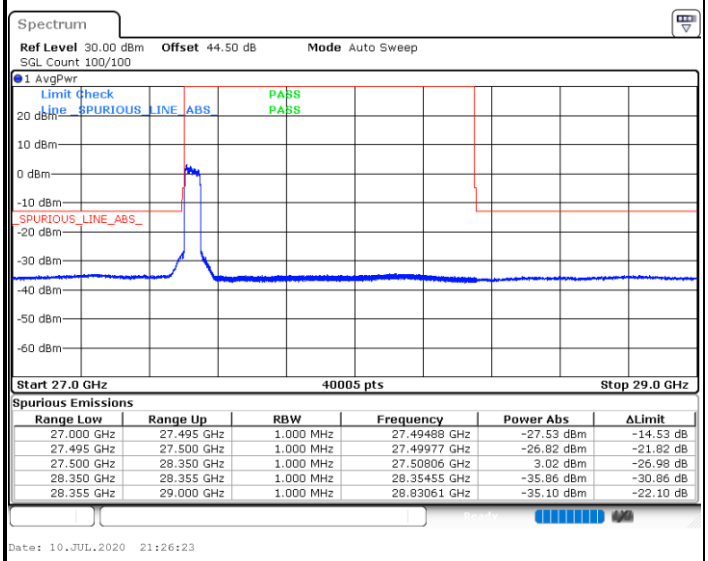
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.00429 GHz	-33.49 dBm	-20.49 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49872 GHz	-34.03 dBm	-29.03 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.33485 GHz	-0.74 dBm	-30.74 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35025 GHz	-32.00 dBm	-27.00 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.94419 GHz	-32.54 dBm	-19.54 dB

Date: 14.JUL.2020 03:22:49

CP-OFDM Module 0

NR Band n261 / 50MHz / QPSK

Lowest Band Edge / Full RB

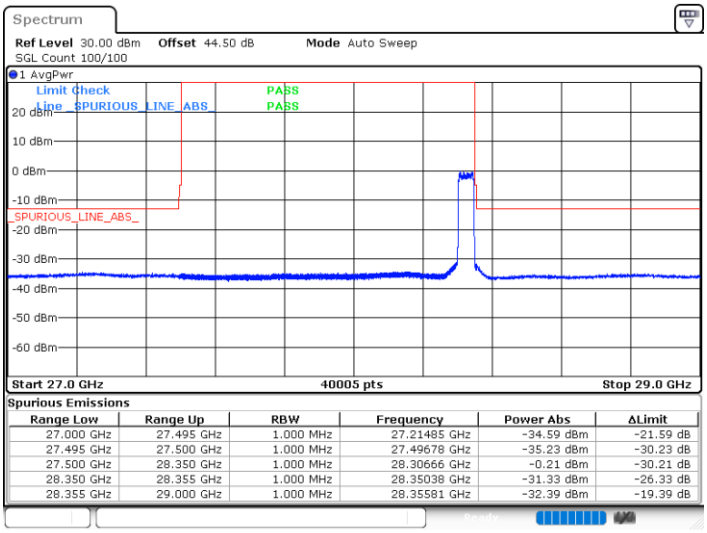


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.495 GHz	1.000 MHz	27.49488 GHz	-27.53 dBm	-14.53 dB
27.495 GHz	27.500 GHz	1.000 MHz	27.49977 GHz	-26.82 dBm	-21.82 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.50806 GHz	3.02 dBm	-26.98 dB
28.350 GHz	28.355 GHz	1.000 MHz	28.35455 GHz	-35.86 dBm	-30.86 dB
28.355 GHz	29.000 GHz	1.000 MHz	28.83061 GHz	-35.10 dBm	-22.10 dB

Date: 10.JUL.2020 21:26:23

Highest Band Edge / Full RB



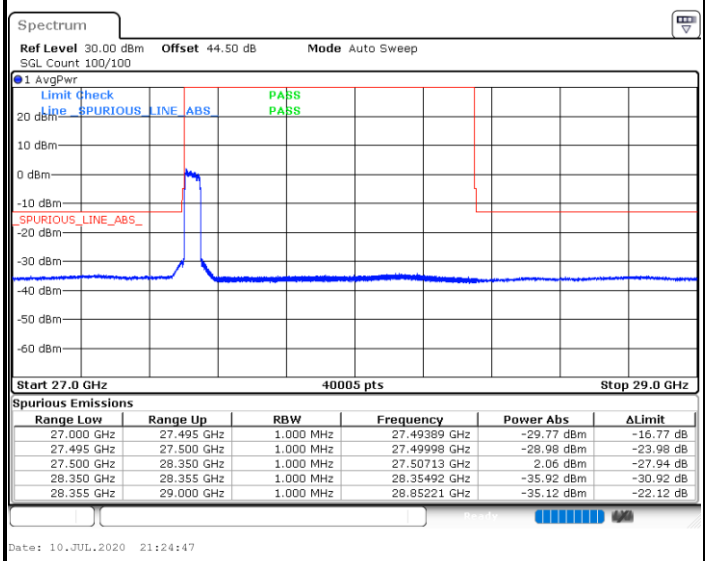
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.495 GHz	1.000 MHz	27.21485 GHz	-34.59 dBm	-21.59 dB
27.495 GHz	27.500 GHz	1.000 MHz	27.49678 GHz	-35.23 dBm	-30.23 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.30666 GHz	-0.21 dBm	-30.21 dB
28.350 GHz	28.355 GHz	1.000 MHz	28.35038 GHz	-31.33 dBm	-26.33 dB
28.355 GHz	29.000 GHz	1.000 MHz	28.35581 GHz	-32.39 dBm	-19.39 dB

Date: 11.JUL.2020 16:27:11

NR Band n261 / 50MHz / 16QAM

Lowest Band Edge / Full RB

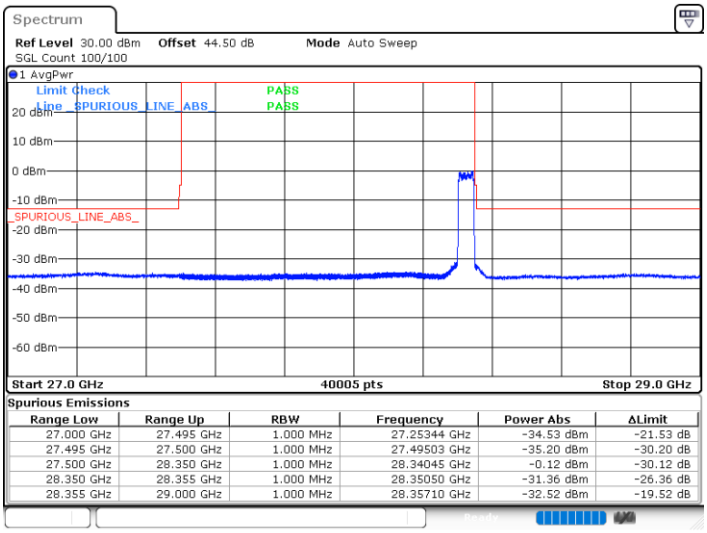


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.495 GHz	1.000 MHz	27.49389 GHz	-29.77 dBm	-16.77 dB
27.495 GHz	27.500 GHz	1.000 MHz	27.49998 GHz	-28.98 dBm	-23.98 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.50713 GHz	2.06 dBm	-27.94 dB
28.350 GHz	28.355 GHz	1.000 MHz	28.35492 GHz	-35.92 dBm	-30.92 dB
28.355 GHz	29.000 GHz	1.000 MHz	28.85221 GHz	-35.12 dBm	-22.12 dB

Date: 10.JUL.2020 21:24:47

Highest Band Edge / Full RB



Spurious Emissions

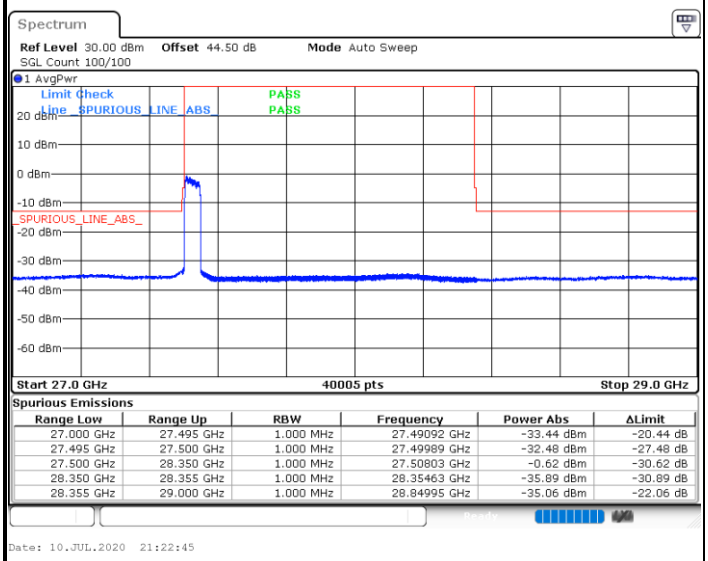
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.495 GHz	1.000 MHz	27.25344 GHz	-34.53 dBm	-21.53 dB
27.495 GHz	27.500 GHz	1.000 MHz	27.49503 GHz	-35.20 dBm	-30.20 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.34045 GHz	-0.12 dBm	-30.12 dB
28.350 GHz	28.355 GHz	1.000 MHz	28.35050 GHz	-31.36 dBm	-26.36 dB
28.355 GHz	29.000 GHz	1.000 MHz	28.35710 GHz	-32.52 dBm	-19.52 dB

Date: 11.JUL.2020 16:29:40

CP-OFDM Module 0

NR Band n261 / 50MHz / 64QAM

Lowest Band Edge / Full RB

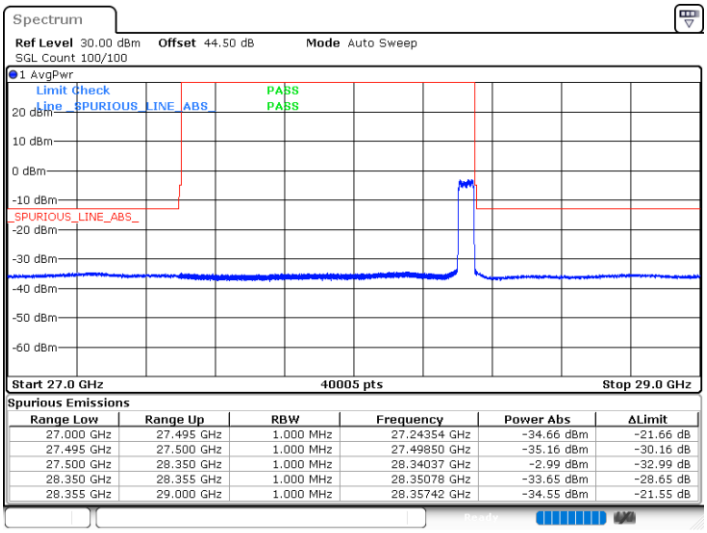


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.495 GHz	1.000 MHz	27.49092 GHz	-33.44 dBm	-20.44 dB
27.495 GHz	27.500 GHz	1.000 MHz	27.49989 GHz	-32.48 dBm	-27.48 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.50803 GHz	-0.62 dBm	-30.62 dB
28.350 GHz	28.355 GHz	1.000 MHz	28.35463 GHz	-35.89 dBm	-30.89 dB
28.355 GHz	29.000 GHz	1.000 MHz	28.84995 GHz	-35.06 dBm	-22.06 dB

Date: 10.JUL.2020 21:22:45

Highest Band Edge / Full RB



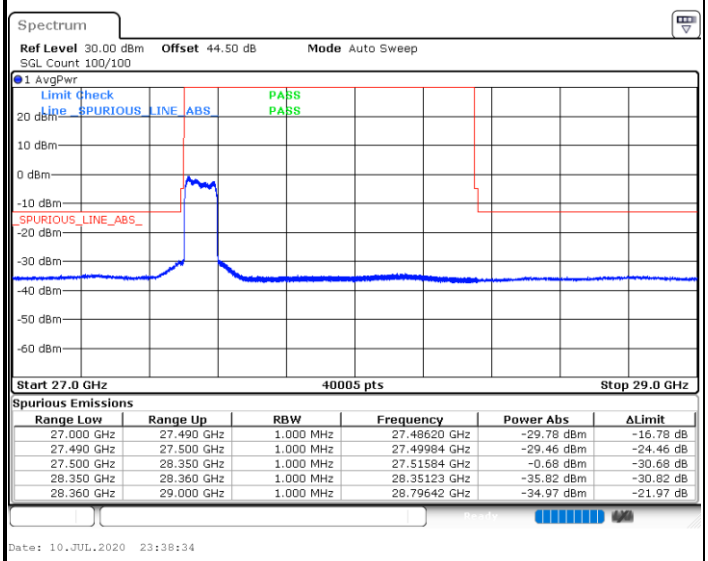
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.495 GHz	1.000 MHz	27.24354 GHz	-34.66 dBm	-21.66 dB
27.495 GHz	27.500 GHz	1.000 MHz	27.49850 GHz	-35.16 dBm	-30.16 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.34037 GHz	-2.99 dBm	-32.99 dB
28.350 GHz	28.355 GHz	1.000 MHz	28.35078 GHz	-33.65 dBm	-28.65 dB
28.355 GHz	29.000 GHz	1.000 MHz	28.35742 GHz	-34.55 dBm	-21.55 dB

Date: 11.JUL.2020 16:32:05

NR Band n261 / 100MHz / QPSK

Lowest Band Edge / Full RB

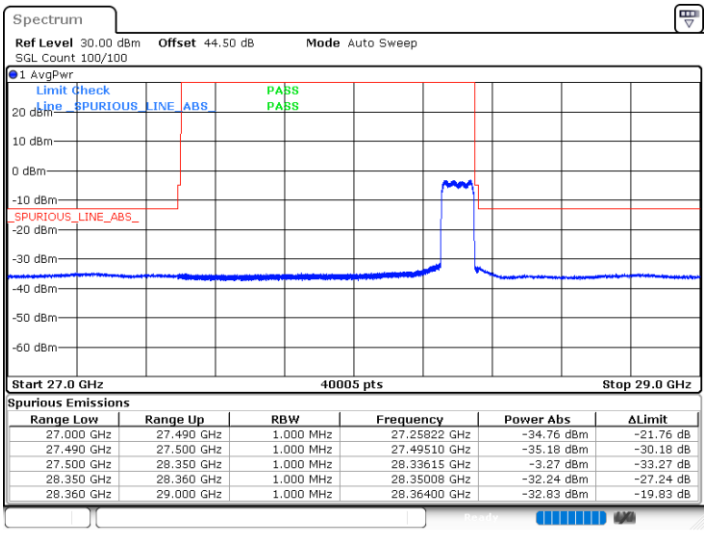


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.48620 GHz	-29.78 dBm	-16.78 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49984 GHz	-29.46 dBm	-24.46 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.51584 GHz	-0.68 dBm	-30.68 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35123 GHz	-35.82 dBm	-30.82 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.79642 GHz	-34.97 dBm	-21.97 dB

Date: 10.JUL.2020 23:38:34

Highest Band Edge / Full RB



Spurious Emissions

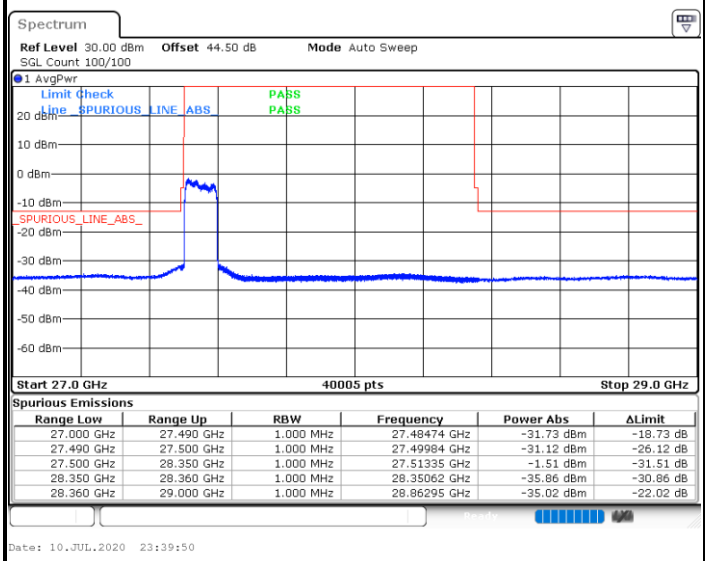
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.25822 GHz	-34.76 dBm	-21.76 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49510 GHz	-35.18 dBm	-30.18 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.33615 GHz	-3.27 dBm	-33.27 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35008 GHz	-32.24 dBm	-27.24 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.36400 GHz	-32.83 dBm	-19.83 dB

Date: 11.JUL.2020 19:32:53

CP-OFDM Module 0

NR Band n261 / 100MHz / 16QAM

Lowest Band Edge / Full RB

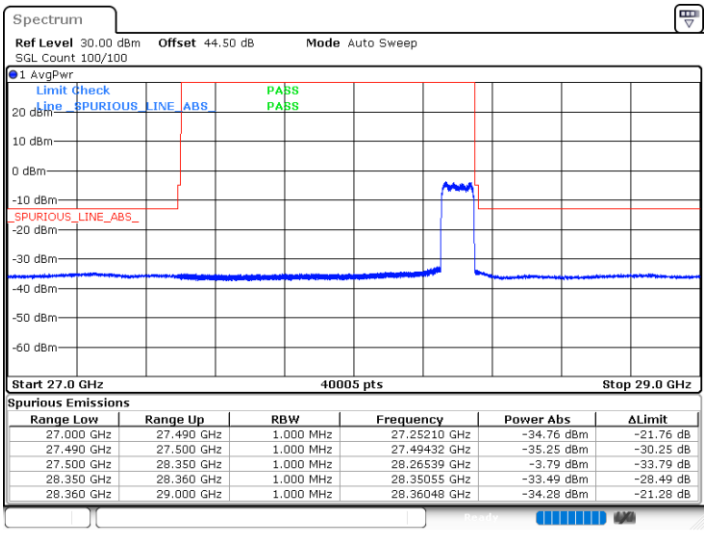


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.48474 GHz	-31.73 dBm	-18.73 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49984 GHz	-31.12 dBm	-26.12 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.51335 GHz	-1.51 dBm	-31.51 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35062 GHz	-35.86 dBm	-30.86 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.86295 GHz	-35.02 dBm	-22.02 dB

Date: 10.JUL.2020 23:39:50

Highest Band Edge / Full RB



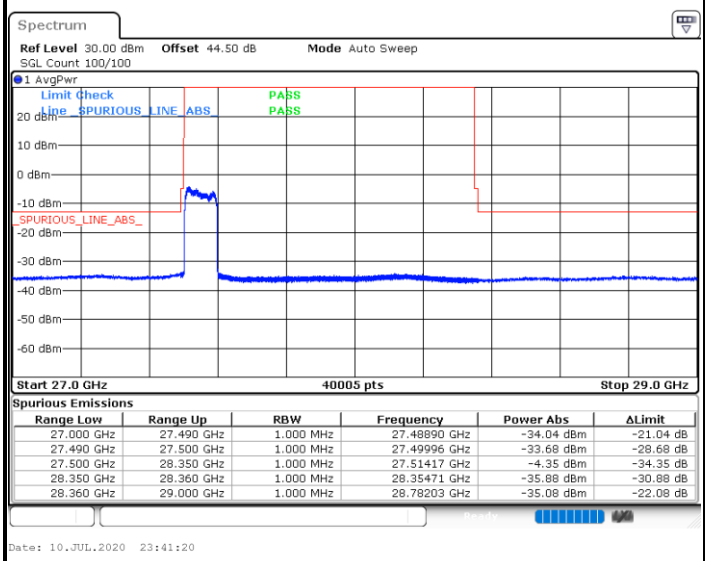
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.25210 GHz	-34.76 dBm	-21.76 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49432 GHz	-35.25 dBm	-30.25 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.26539 GHz	-3.79 dBm	-33.79 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35055 GHz	-33.49 dBm	-28.49 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.36048 GHz	-34.28 dBm	-21.28 dB

Date: 11.JUL.2020 19:31:31

NR Band n261 / 100MHz / 64QAM

Lowest Band Edge / Full RB

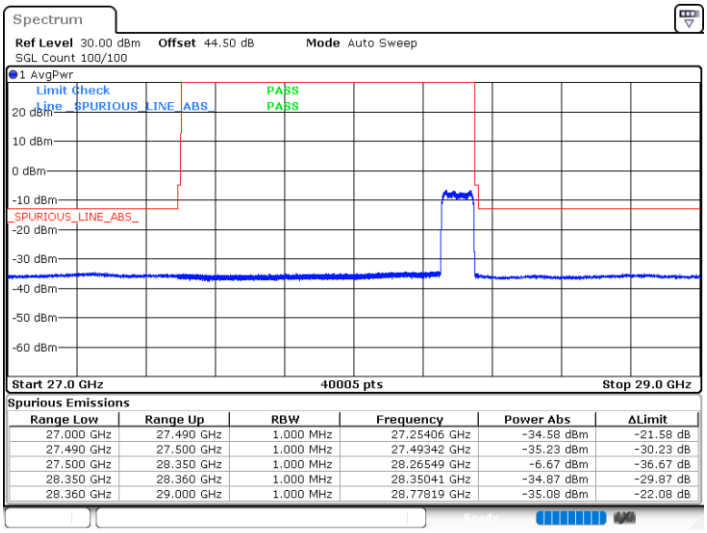


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.48890 GHz	-34.04 dBm	-21.04 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49996 GHz	-33.68 dBm	-28.68 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.51417 GHz	-4.35 dBm	-34.35 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35471 GHz	-35.88 dBm	-30.88 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.78203 GHz	-35.08 dBm	-22.08 dB

Date: 10.JUL.2020 23:41:20

Highest Band Edge / Full RB



Spurious Emissions

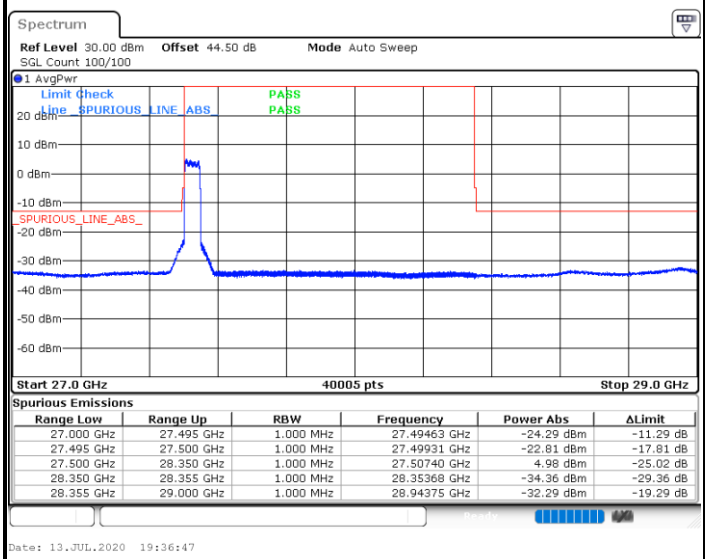
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.25406 GHz	-34.58 dBm	-21.58 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49342 GHz	-35.23 dBm	-30.23 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.26549 GHz	-6.67 dBm	-36.67 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35041 GHz	-34.87 dBm	-29.87 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.77819 GHz	-35.08 dBm	-22.08 dB

Date: 11.JUL.2020 19:29:22

CP-OFDM Module 1

NR Band n261 / 50MHz / QPSK

Lowest Band Edge / Full RB

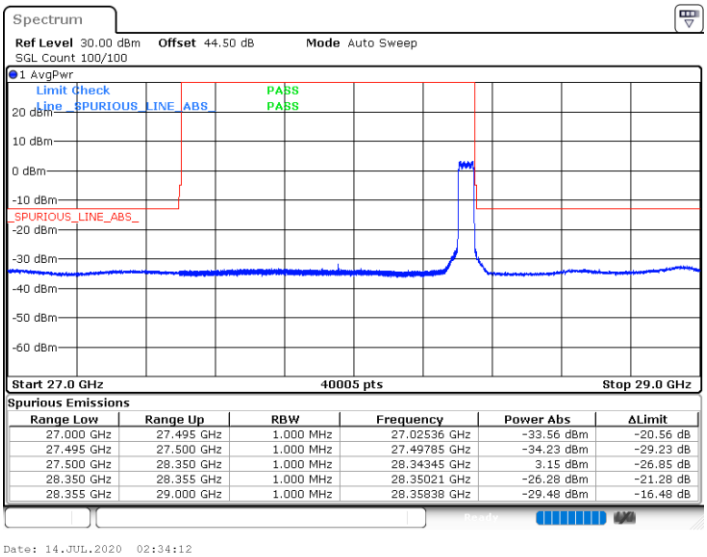


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.495 GHz	1.000 MHz	27.49463 GHz	-24.29 dBm	-11.29 dB
27.495 GHz	27.500 GHz	1.000 MHz	27.49931 GHz	-22.81 dBm	-17.81 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.50740 GHz	4.98 dBm	-25.02 dB
28.350 GHz	28.355 GHz	1.000 MHz	28.35368 GHz	-34.36 dBm	-29.36 dB
28.355 GHz	29.000 GHz	1.000 MHz	28.94375 GHz	-32.29 dBm	-19.29 dB

Date: 13.JUL.2020 19:36:47

Highest Band Edge / Full RB



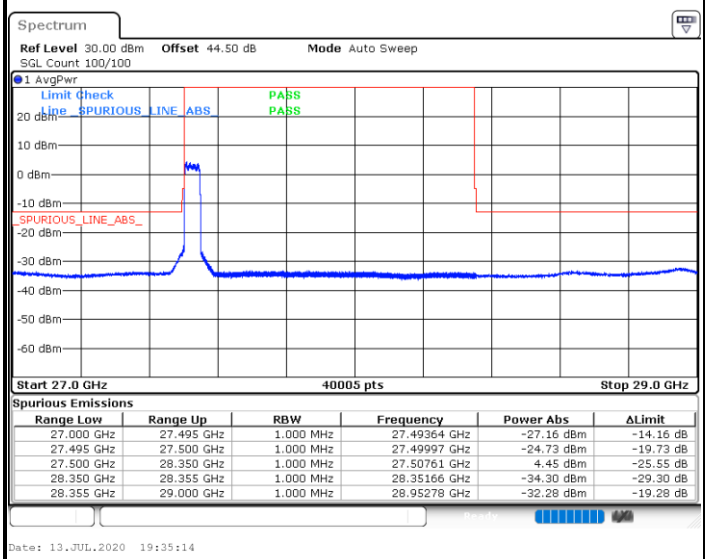
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.495 GHz	1.000 MHz	27.02536 GHz	-33.56 dBm	-20.56 dB
27.495 GHz	27.500 GHz	1.000 MHz	27.49785 GHz	-34.23 dBm	-29.23 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.34345 GHz	3.15 dBm	-26.85 dB
28.350 GHz	28.355 GHz	1.000 MHz	28.35021 GHz	-26.28 dBm	-21.28 dB
28.355 GHz	29.000 GHz	1.000 MHz	28.35838 GHz	-29.48 dBm	-16.48 dB

Date: 14.JUL.2020 02:34:12

NR Band n261 / 50MHz / 16QAM

Lowest Band Edge / Full RB

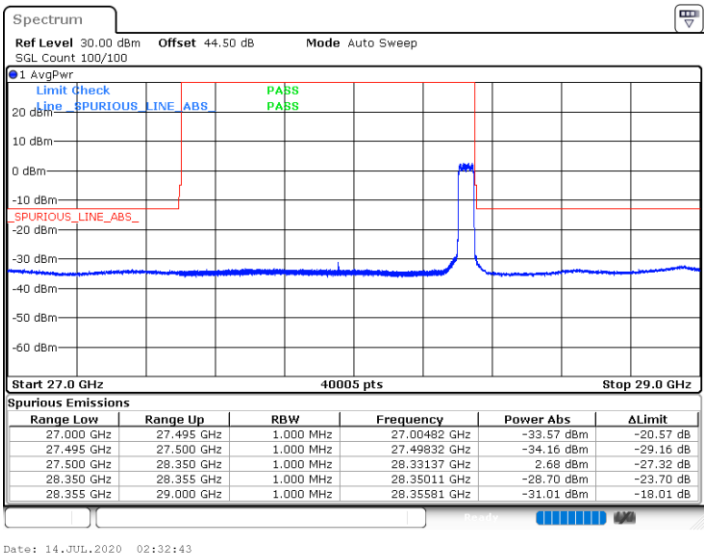


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.495 GHz	1.000 MHz	27.49364 GHz	-27.16 dBm	-14.16 dB
27.495 GHz	27.500 GHz	1.000 MHz	27.49997 GHz	-24.73 dBm	-19.73 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.50761 GHz	4.45 dBm	-25.55 dB
28.350 GHz	28.355 GHz	1.000 MHz	28.35166 GHz	-34.30 dBm	-29.30 dB
28.355 GHz	29.000 GHz	1.000 MHz	28.95278 GHz	-32.28 dBm	-19.28 dB

Date: 13.JUL.2020 19:35:14

Highest Band Edge / Full RB



Spurious Emissions

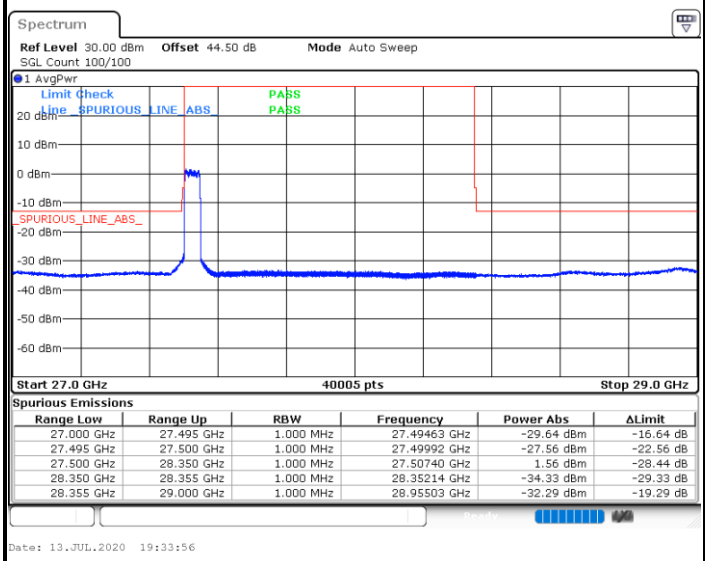
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.495 GHz	1.000 MHz	27.00482 GHz	-33.57 dBm	-20.57 dB
27.495 GHz	27.500 GHz	1.000 MHz	27.49832 GHz	-34.16 dBm	-29.16 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.33137 GHz	2.68 dBm	-27.32 dB
28.350 GHz	28.355 GHz	1.000 MHz	28.35011 GHz	-28.70 dBm	-23.70 dB
28.355 GHz	29.000 GHz	1.000 MHz	28.35581 GHz	-31.01 dBm	-18.01 dB

Date: 14.JUL.2020 02:32:43

CP-OFDM Module 1

NR Band n261 / 50MHz / 64QAM

Lowest Band Edge / Full RB

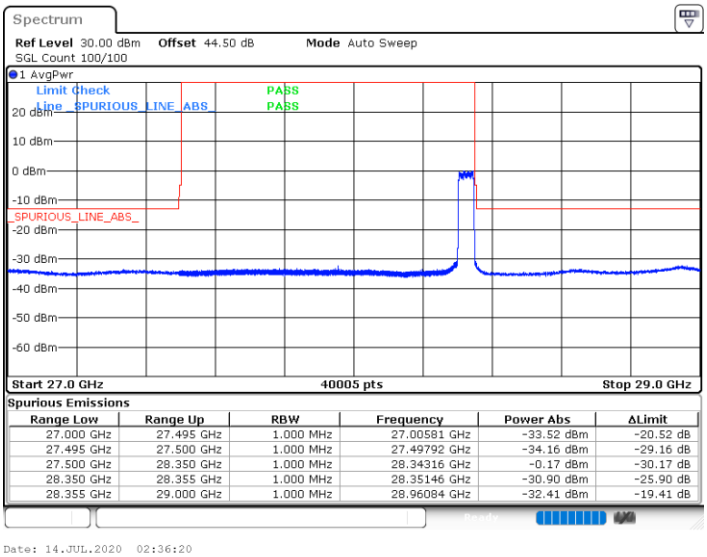


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.495 GHz	1.000 MHz	27.49463 GHz	-29.64 dBm	-16.64 dB
27.495 GHz	27.500 GHz	1.000 MHz	27.49992 GHz	-27.56 dBm	-22.56 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.50740 GHz	1.56 dBm	-28.44 dB
28.350 GHz	28.355 GHz	1.000 MHz	28.35214 GHz	-34.33 dBm	-29.33 dB
28.355 GHz	29.000 GHz	1.000 MHz	28.95503 GHz	-32.29 dBm	-19.29 dB

Date: 13.JUL.2020 19:33:56

Highest Band Edge / Full RB



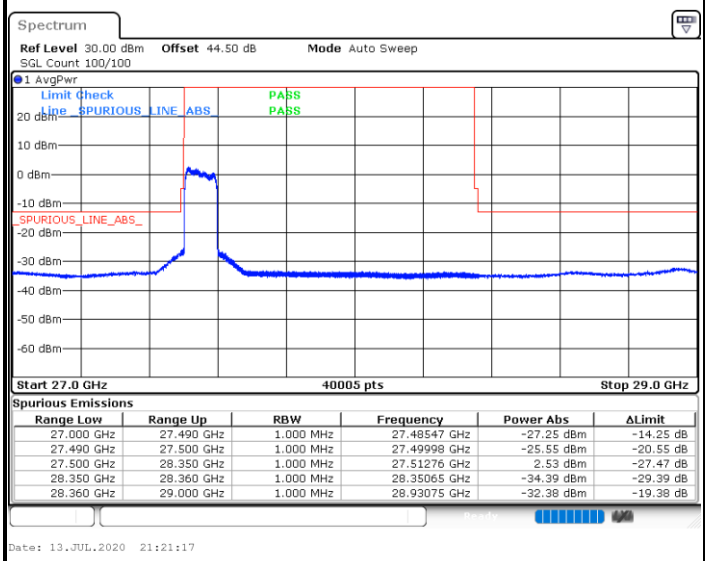
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.495 GHz	1.000 MHz	27.00581 GHz	-33.52 dBm	-20.52 dB
27.495 GHz	27.500 GHz	1.000 MHz	27.49792 GHz	-34.16 dBm	-29.16 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.34316 GHz	-0.17 dBm	-30.17 dB
28.350 GHz	28.355 GHz	1.000 MHz	28.35146 GHz	-30.90 dBm	-25.90 dB
28.355 GHz	29.000 GHz	1.000 MHz	28.96084 GHz	-32.41 dBm	-19.41 dB

Date: 14.JUL.2020 02:36:20

NR Band n261 / 100MHz / QPSK

Lowest Band Edge / Full RB

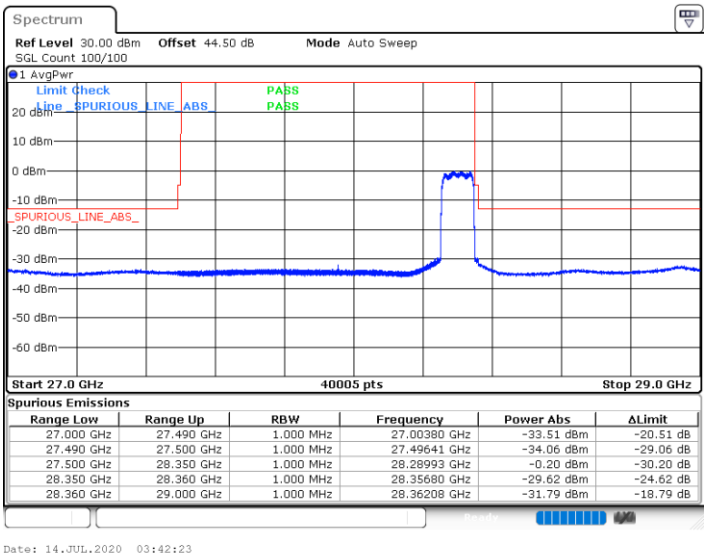


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.48547 GHz	-27.25 dBm	-14.25 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49998 GHz	-25.55 dBm	-20.55 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.51276 GHz	2.53 dBm	-27.47 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35065 GHz	-34.39 dBm	-29.39 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.93075 GHz	-32.38 dBm	-19.38 dB

Date: 13.JUL.2020 21:21:17

Highest Band Edge / Full RB



Spurious Emissions

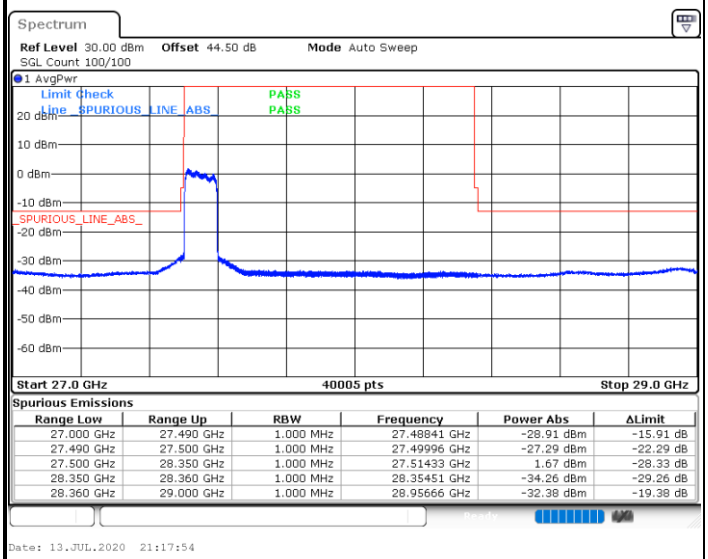
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.00380 GHz	-33.51 dBm	-20.51 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49641 GHz	-34.06 dBm	-29.06 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.28993 GHz	-0.20 dBm	-30.20 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35680 GHz	-29.62 dBm	-24.62 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.36208 GHz	-31.79 dBm	-18.79 dB

Date: 14.JUL.2020 03:42:23

CP-OFDM Module 1

NR Band n261 / 100MHz / 16QAM

Lowest Band Edge / Full RB

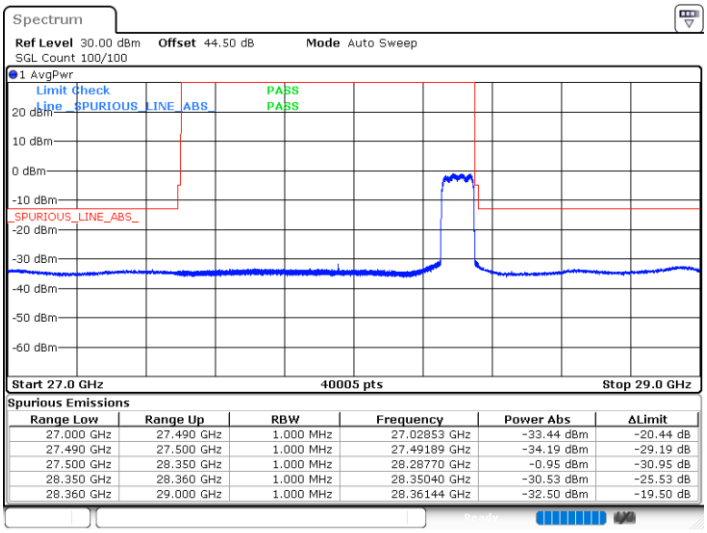


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.48841 GHz	-28.91 dBm	-15.91 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49996 GHz	-27.29 dBm	-22.29 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.51433 GHz	1.67 dBm	-28.33 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35451 GHz	-34.26 dBm	-29.26 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.95666 GHz	-32.38 dBm	-19.38 dB

Date: 13.JUL.2020 21:17:54

Highest Band Edge / Full RB



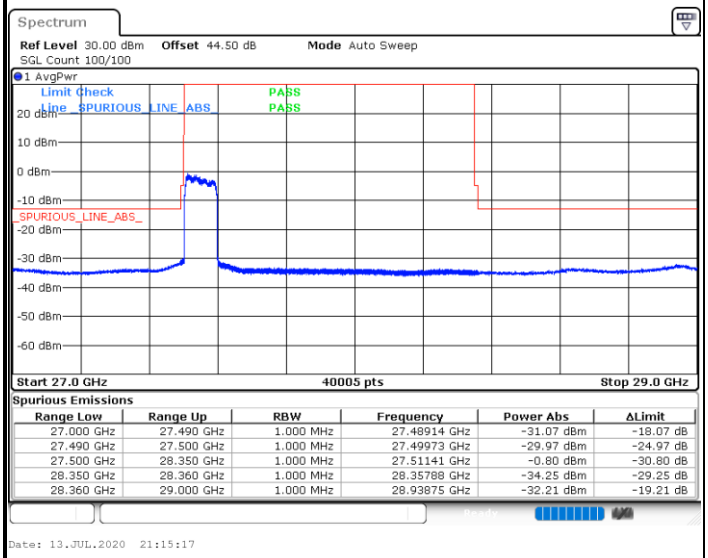
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.02853 GHz	-33.44 dBm	-20.44 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49189 GHz	-34.19 dBm	-29.19 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.28770 GHz	-0.95 dBm	-30.95 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35040 GHz	-30.53 dBm	-25.53 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.36144 GHz	-32.50 dBm	-19.50 dB

Date: 14.JUL.2020 03:44:26

NR Band n261 / 100MHz / 64QAM

Lowest Band Edge / Full RB

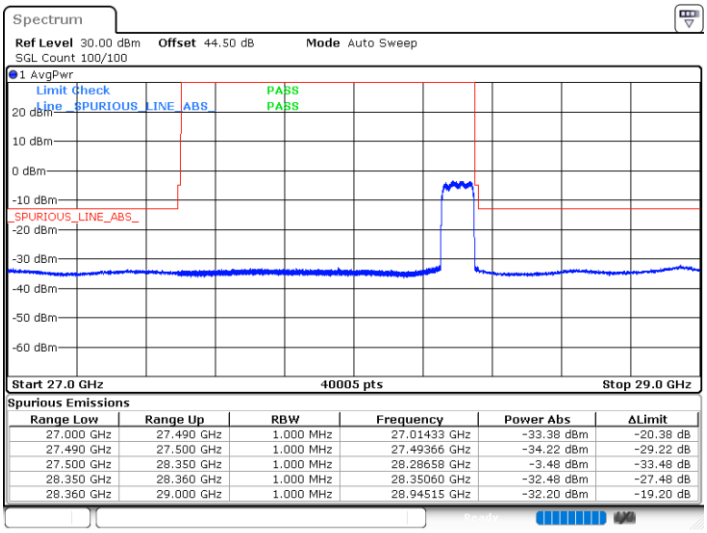


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.48914 GHz	-31.07 dBm	-18.07 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49973 GHz	-29.97 dBm	-24.97 dB
27.500 GHz	28.350 GHz	1.000 MHz	27.51141 GHz	-0.80 dBm	-30.80 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35788 GHz	-34.25 dBm	-29.25 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.93875 GHz	-32.21 dBm	-19.21 dB

Date: 13.JUL.2020 21:15:17

Highest Band Edge / Full RB



Spurious Emissions

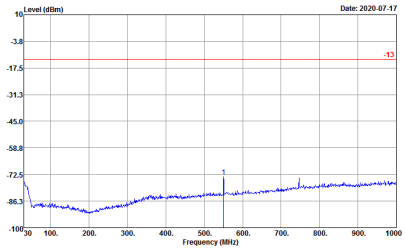
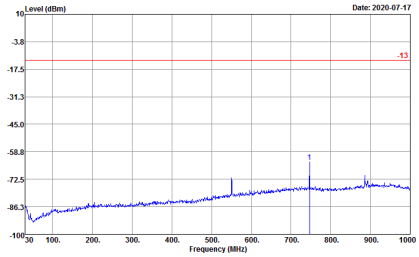
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
27.000 GHz	27.490 GHz	1.000 MHz	27.01433 GHz	-33.38 dBm	-20.38 dB
27.490 GHz	27.500 GHz	1.000 MHz	27.49366 GHz	-34.22 dBm	-29.22 dB
27.500 GHz	28.350 GHz	1.000 MHz	28.28658 GHz	-3.48 dBm	-33.48 dB
28.350 GHz	28.360 GHz	1.000 MHz	28.35060 GHz	-32.48 dBm	-27.48 dB
28.360 GHz	29.000 GHz	1.000 MHz	28.94515 GHz	-32.20 dBm	-19.20 dB

Date: 14.JUL.2020 03:46:09

Spurious Emission

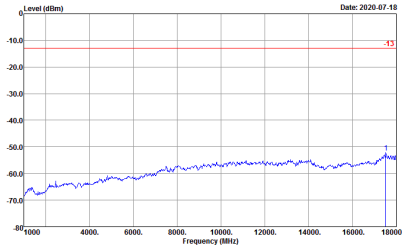
There is no significant spurious emission signal found for frequency started from 9kHz up to 18GHz.

Only the noise floor is reported.

NR Band n261 (30MHz-1GHz)
Horizontal
 Site : 03CH10-HY Condition : -13 EIRP_WO HORIZONTAL Project : 041648-02 : n261 Module O Freq Level Over Limit Limit Line LISN Factor MHz dBm dB dBm dB 1 549.92 -73.65 -60.65 -13.00 33.73
Vertical
 Site : 03CH10-HY Condition : -13 EIRP_WO VERTICAL Project : 041648-02 : n261 Module O Freq Level Over Limit Limit Line LISN Factor MHz dBm dB dBm dB 1 746.83 -63.81 -50.81 -13.00 39.14

NR Band n261 (1GHz-18GHz)

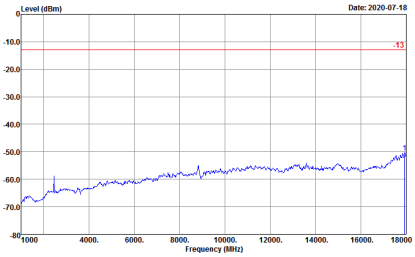
Horizontal



Site : 03CH10-HY
Condition : -13 EIRP_WO HORIZONTAL
Project : 041648-02
: n261 Module O

	Freq	Level	Over Limit	Limit Line	LISN Factor
	MHz	dBm	dB	dBm	dB
1	17524.00	-52.19	-39.19	-13.00	72.64

Vertical

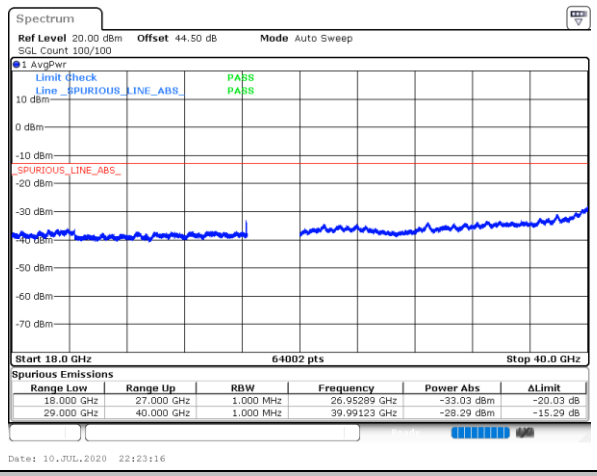
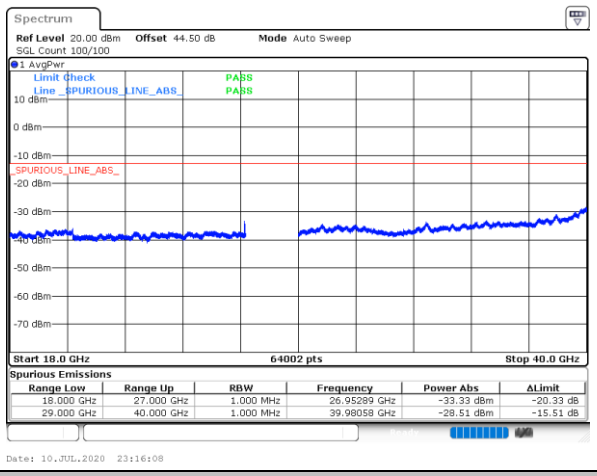
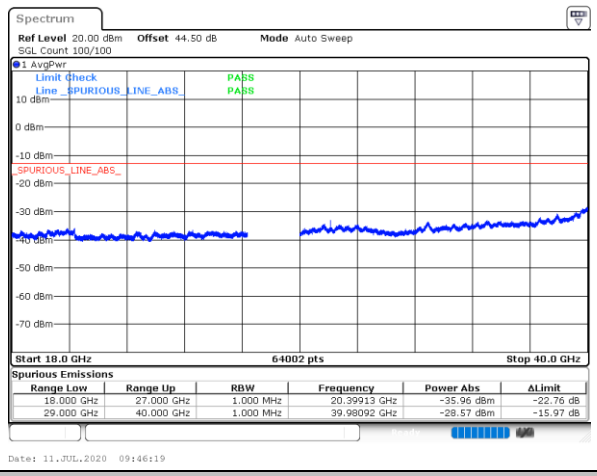
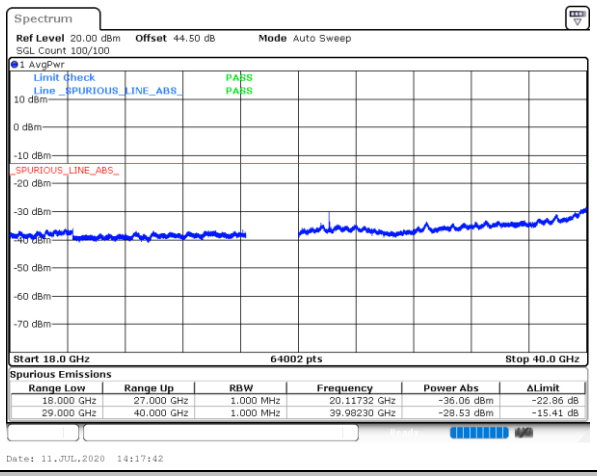
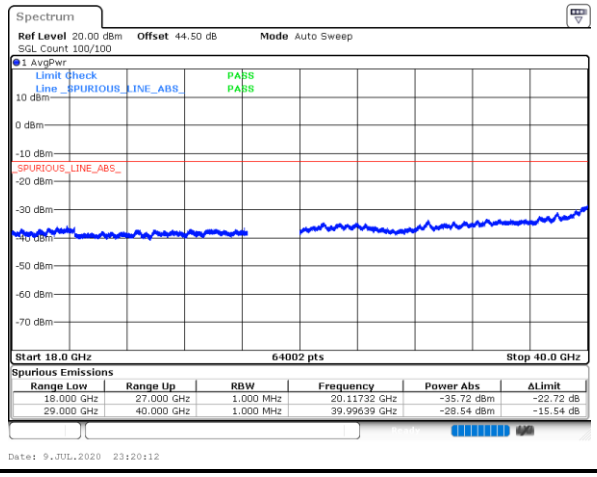
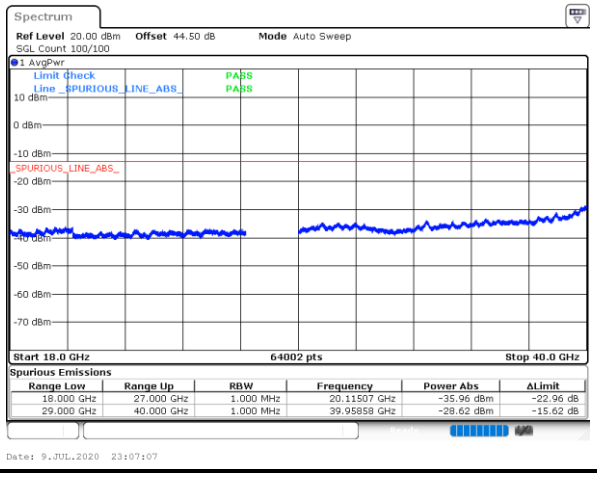


Site : 03CH10-HY
Condition : -13 EIRP_WO VERTICAL
Project : 041648-02
: n261 Module O

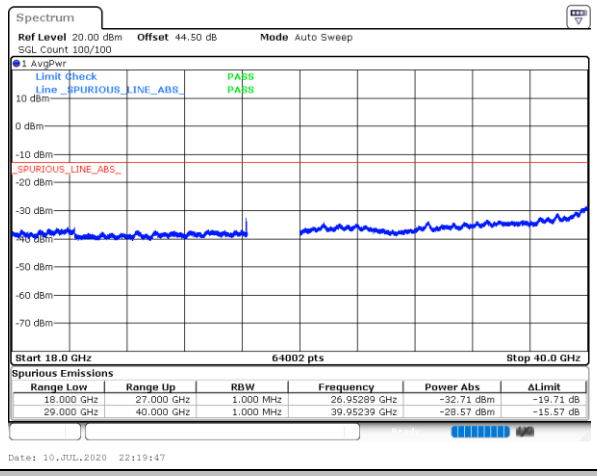
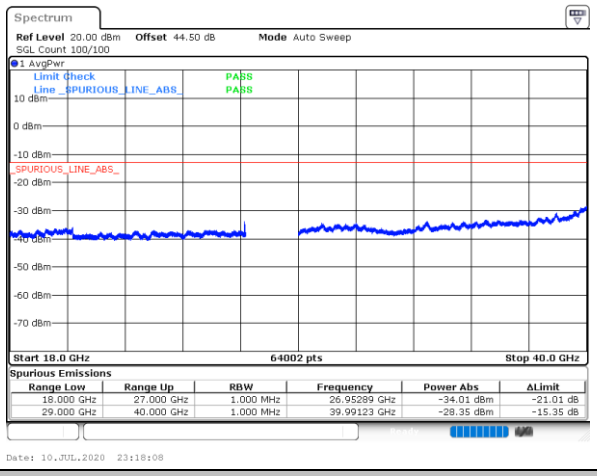
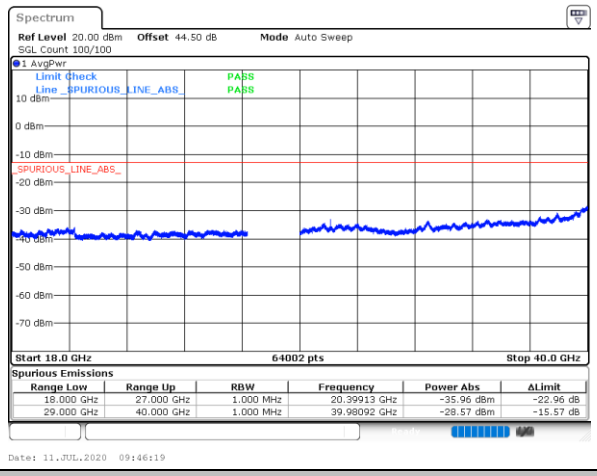
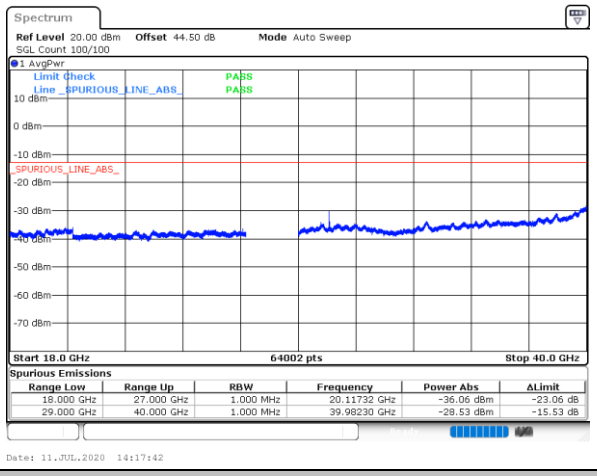
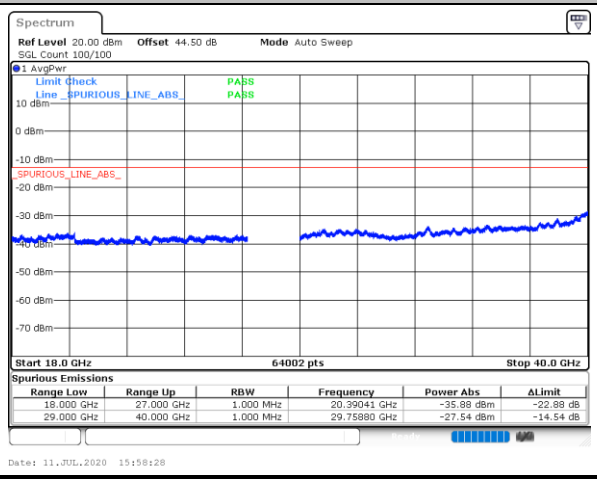
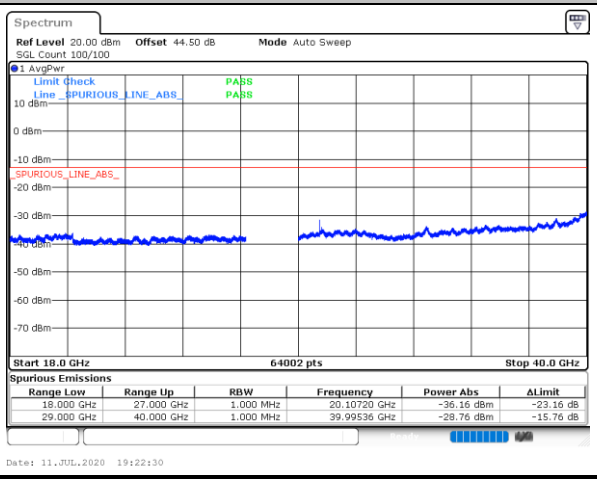
	Freq	Level	Over Limit	Limit Line	LISN Factor
	MHz	dBm	dB	dBm	dB
1	17932.00	-50.40	-37.40	-13.00	75.56

Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

DFT-s-OFDM Module 0

NR Band n261 BPSK (18-40GHz)	
Lowest Channel / 50MHz	**Lowest Channel / 100MHz**
	
Middle Channel / 50MHz	**Middle Channel / 100MHz**
	
Highest Channel / 50MHz	**Highest Channel / 100MHz**
	

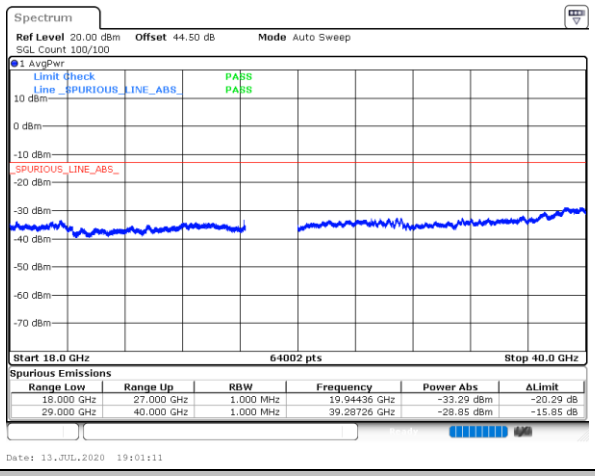
DFT-s-OFDM Module 0

NR Band n261 QPSK (18-40GHz)	
Lowest Channel / 50MHz	**Lowest Channel / 100MHz**
	
Middle Channel / 50MHz	**Middle Channel / 100MHz**
	
Highest Channel / 50MHz	**Highest Channel / 100MHz**
	

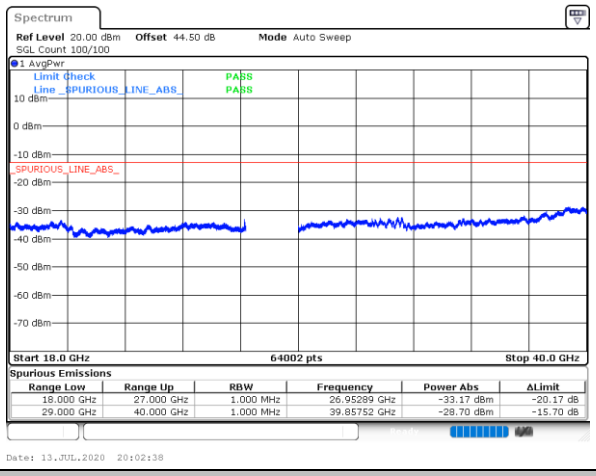
DFT-s-OFDM Module 1

NR Band n261 BPSK (18-40GHz)

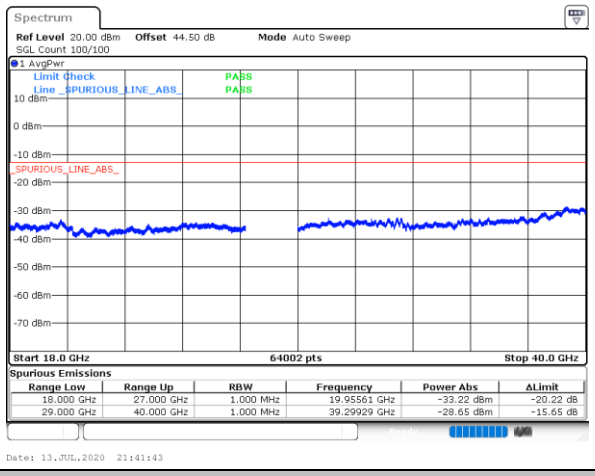
Lowest Channel / 50MHz



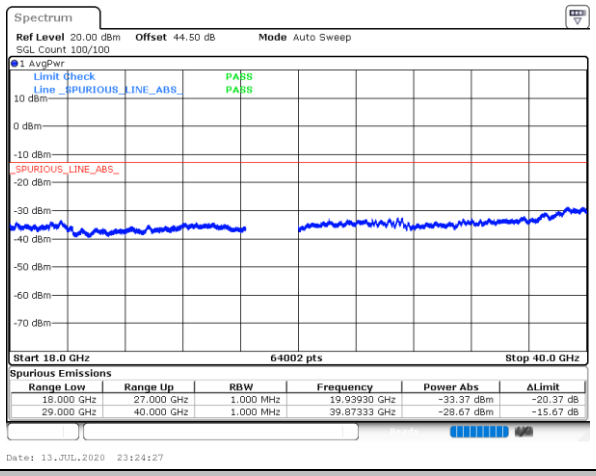
Lowest Channel / 100MHz



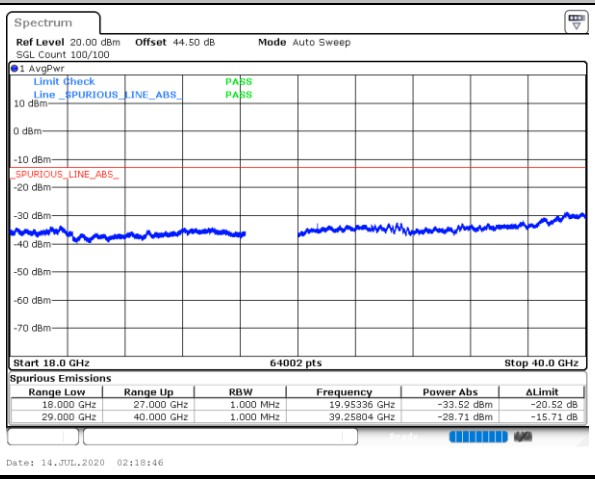
Middle Channel / 50MHz



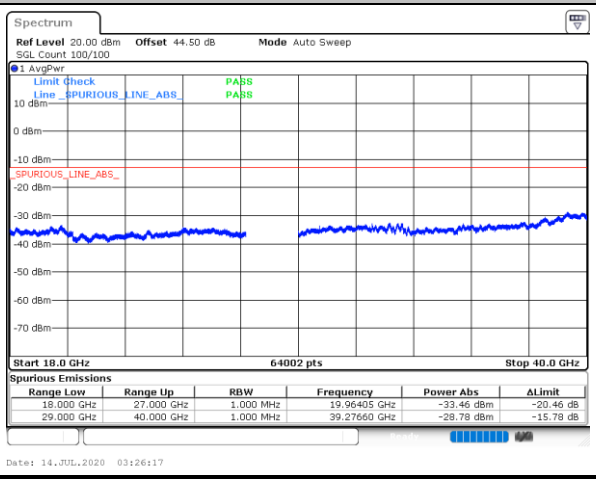
Middle Channel / 100MHz



Highest Channel / 50MHz



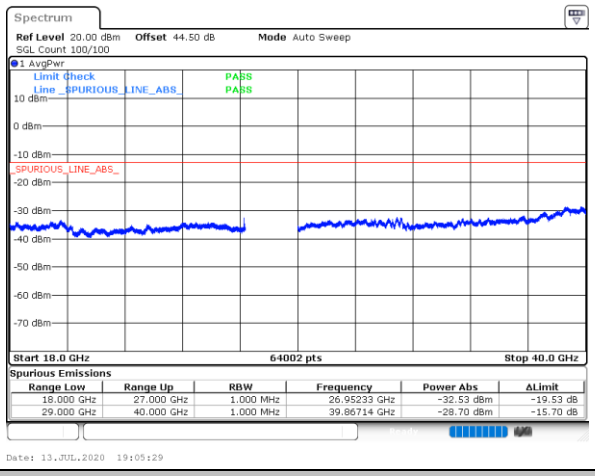
Highest Channel / 100MHz



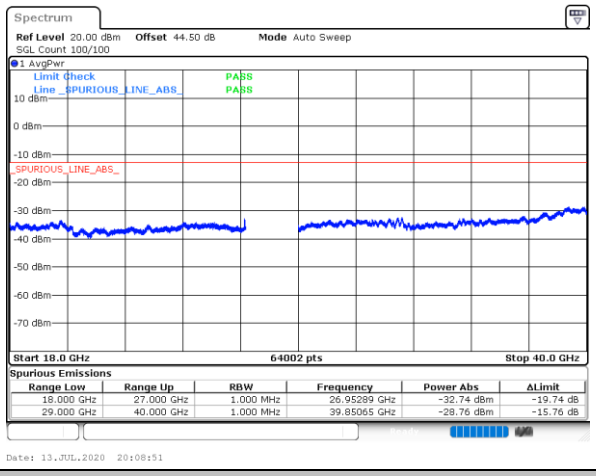
DFT-s-OFDM Module 1

NR Band n261 QPSK (18-40GHz)

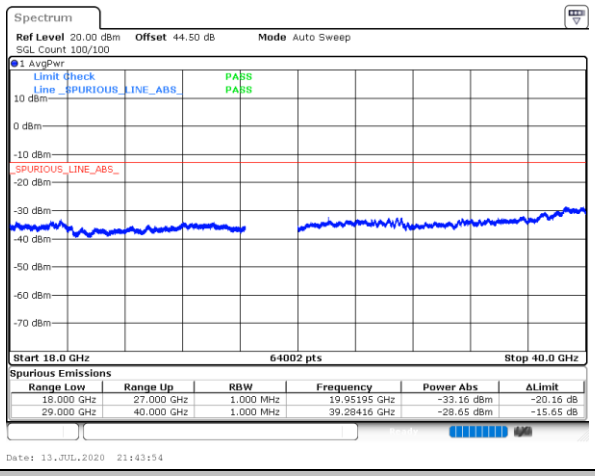
Lowest Channel / 50MHz



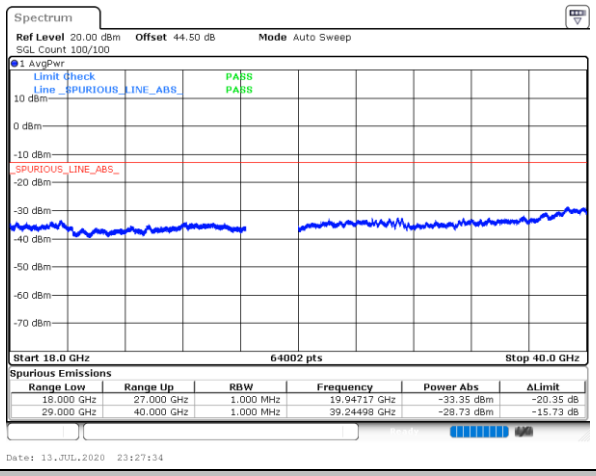
Lowest Channel / 100MHz



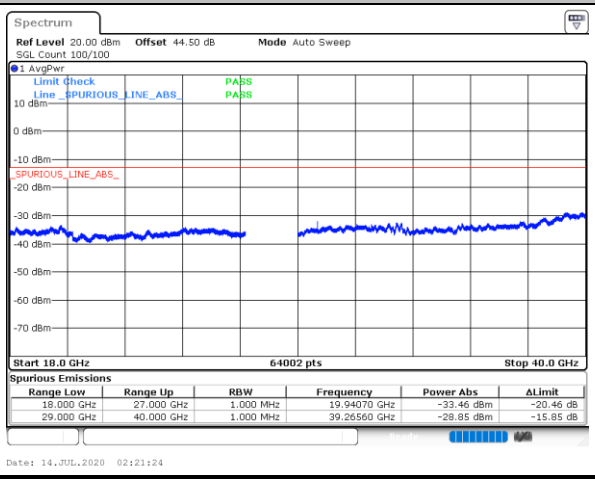
Middle Channel / 50MHz



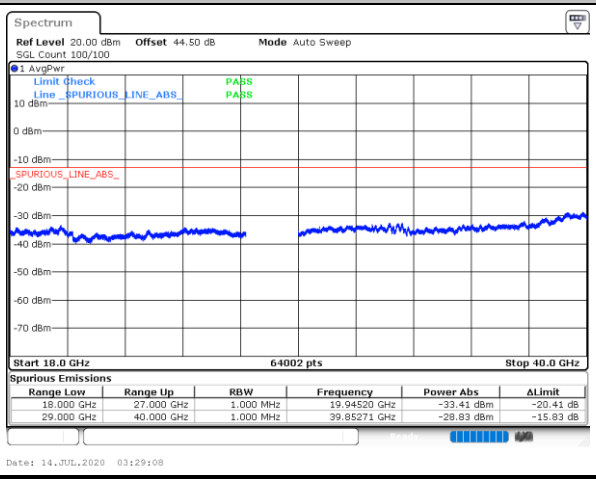
Middle Channel / 100MHz



Highest Channel / 50MHz



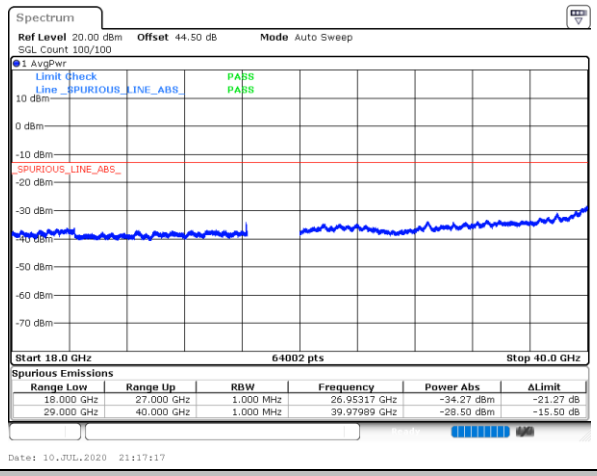
Highest Channel / 100MHz



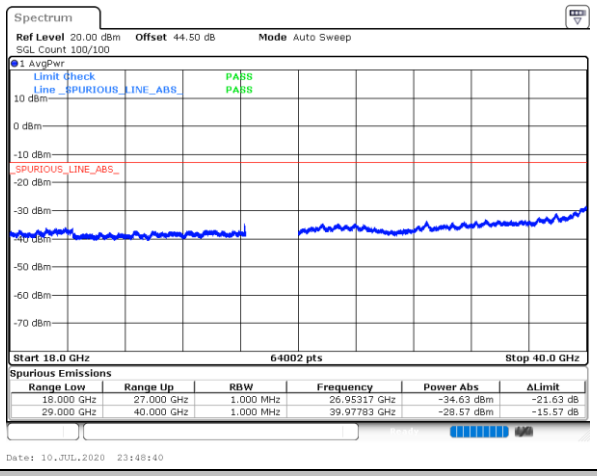
CP-OFDM Module 0

NR Band n261 QPSK (18-40GHz)

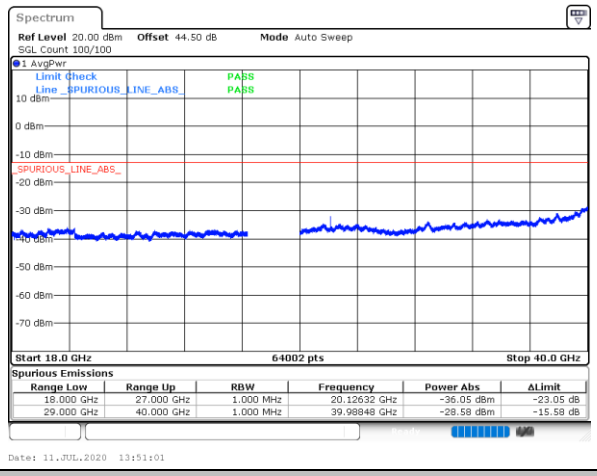
Lowest Channel / 50MHz



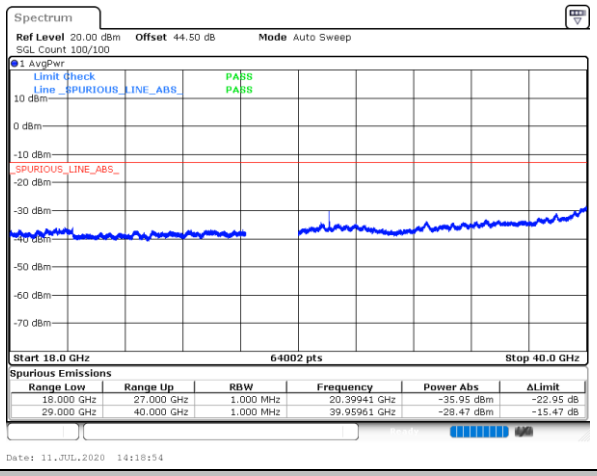
Lowest Channel / 100MHz



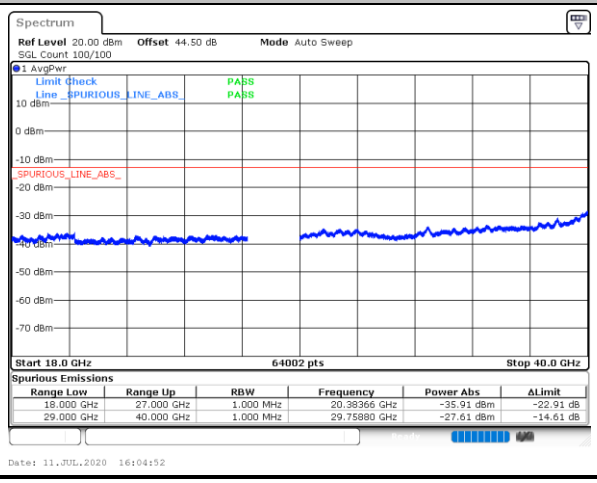
Middle Channel / 50MHz



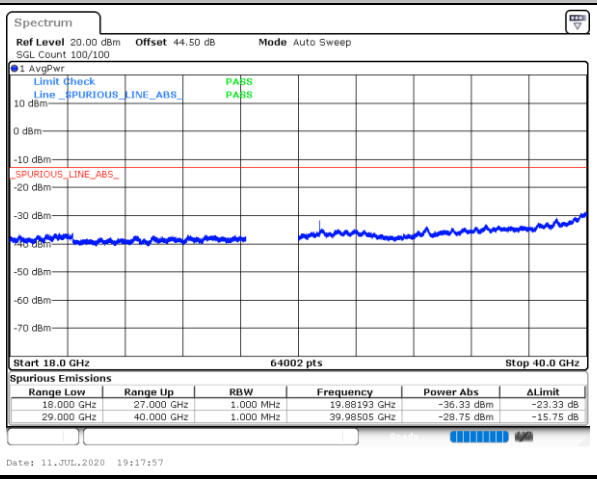
Middle Channel / 100MHz



Highest Channel / 50MHz



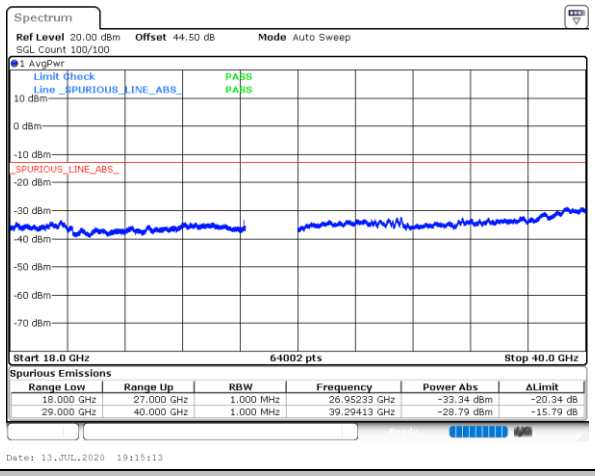
Highest Channel / 100MHz



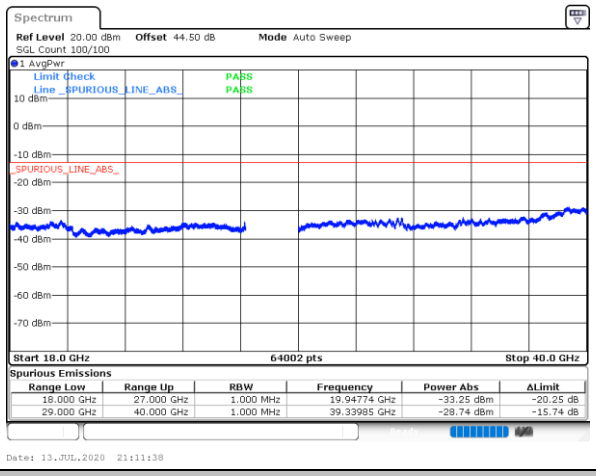
CP-OFDM Module 1

NR Band n261 QPSK (18-40GHz)

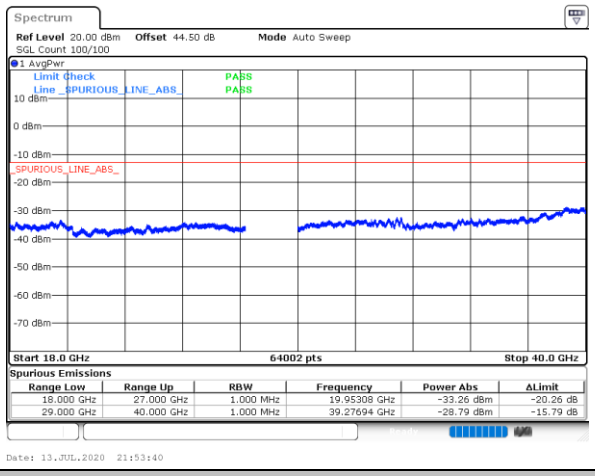
Lowest Channel / 50MHz



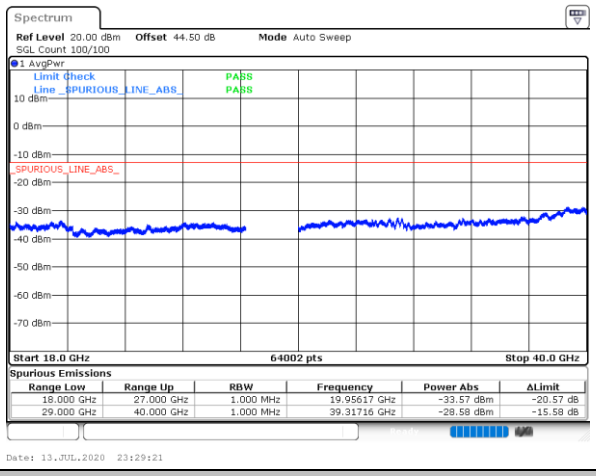
Lowest Channel / 100MHz



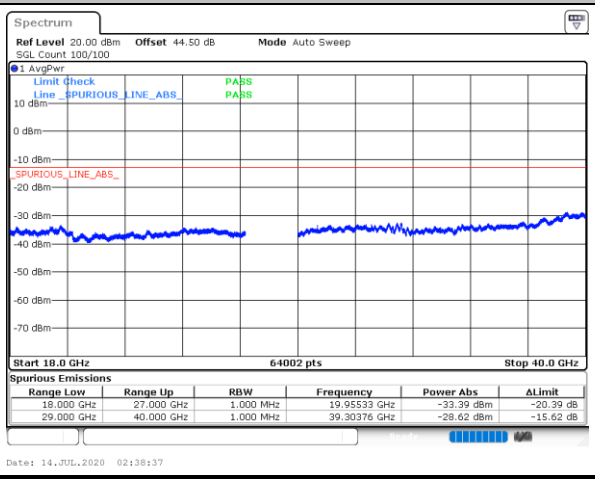
Middle Channel / 50MHz



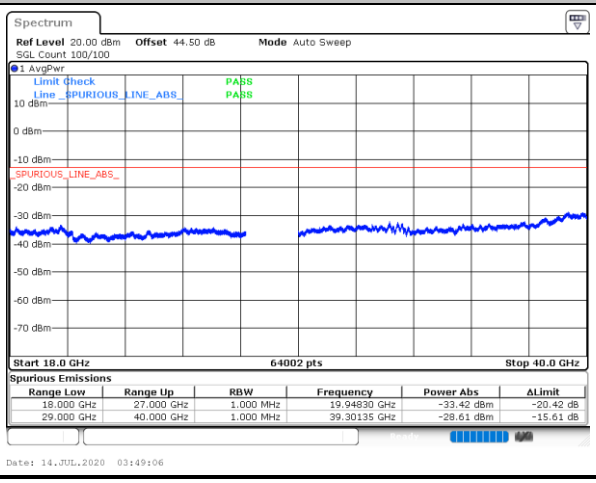
Middle Channel / 100MHz



Highest Channel / 50MHz



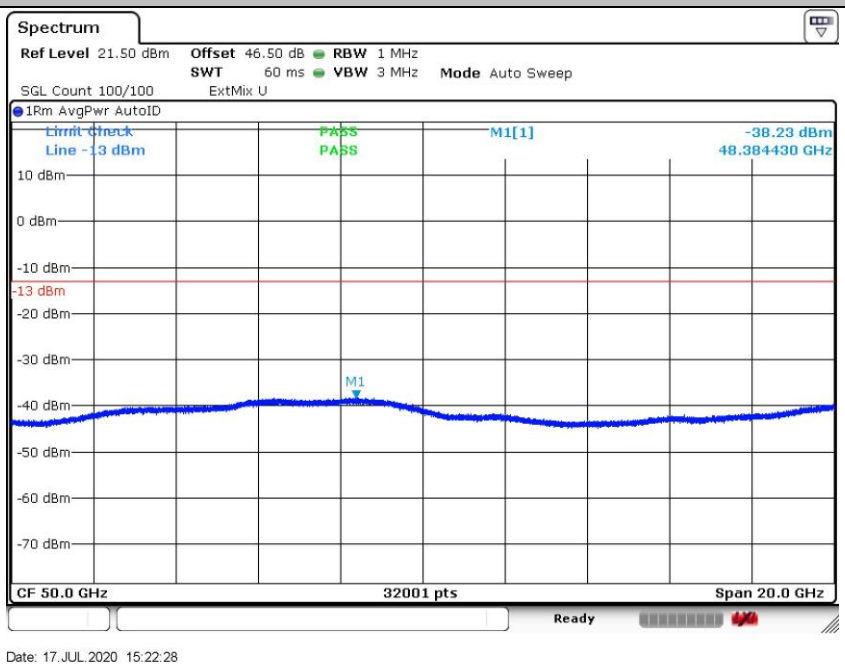
Highest Channel / 100MHz



There is no significant spurious emission signal found for frequency started from 40GHz up to 100GHz.

Only the noise floor is reported.

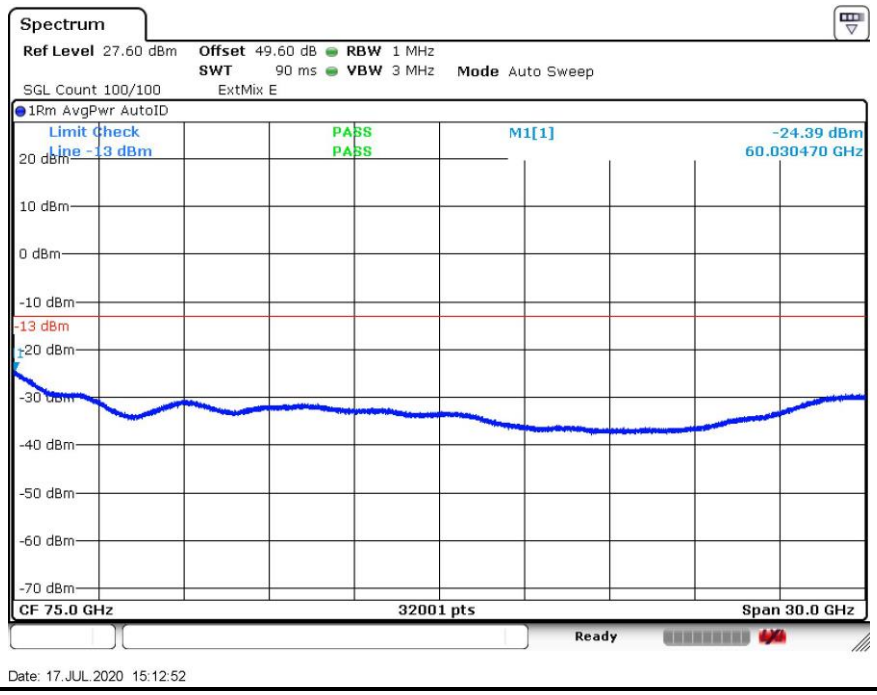
NR Band n261
(40GHz-60GHz)



Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8

= 42.1 + 2.2 + 107 + 20log(1) – 104.8 = 46.5 (dB)

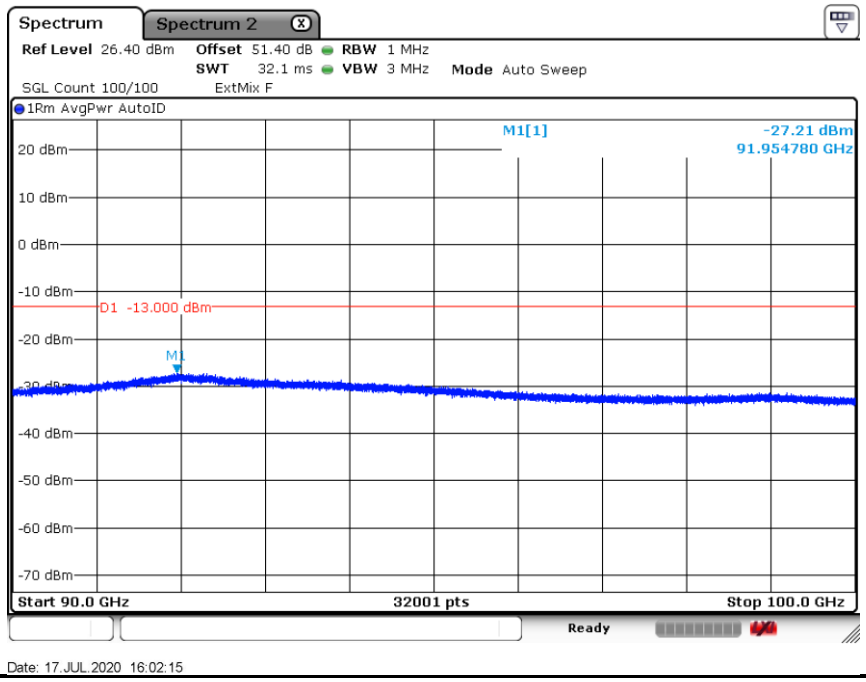
NR Band n261
(60GHz-90GHz)



Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8

= 47.2 + 2.2 + 107 + 20log(1) – 104.8 = 49.6 (dB)

NR Band n261
(90GHz-100GHz)



Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8

= 49.0 + 2.2 + 107 + 20log(1) – 104.8 = 51.4 (dB)

Frequency Stability

Test Conditions		NR Band n261 / Middle Channel			Limit
Temperature (°C)	Voltage (Volt)	CW tone			Note 2.
		Frequency (GHz)	Deviation (kHz)	Deviation (ppm)	Result
50	Normal Voltage	27.92494445	56.115	2.009	Pass
40	Normal Voltage	27.92496794	32.617	1.168	
30	Normal Voltage	27.92499726	3.300	0.118	
20(Ref.)	Normal Voltage	27.92500056	0.000	0.000	
10	Normal Voltage	27.92507731	-76.752	2.749	
0	Normal Voltage	27.92512927	-128.707	4.609	
-10	Normal Voltage	27.92509611	-95.550	3.422	
-20	Normal Voltage	27.92504318	-42.616	1.526	
-30	Normal Voltage	27.92523418	-233.620	8.366	
20	Maximum Voltage	27.92493819	62.374	2.234	
20	Normal Voltage	27.92493387	66.694	2.388	
20	Battery End Point	27.92494249	58.075	2.080	

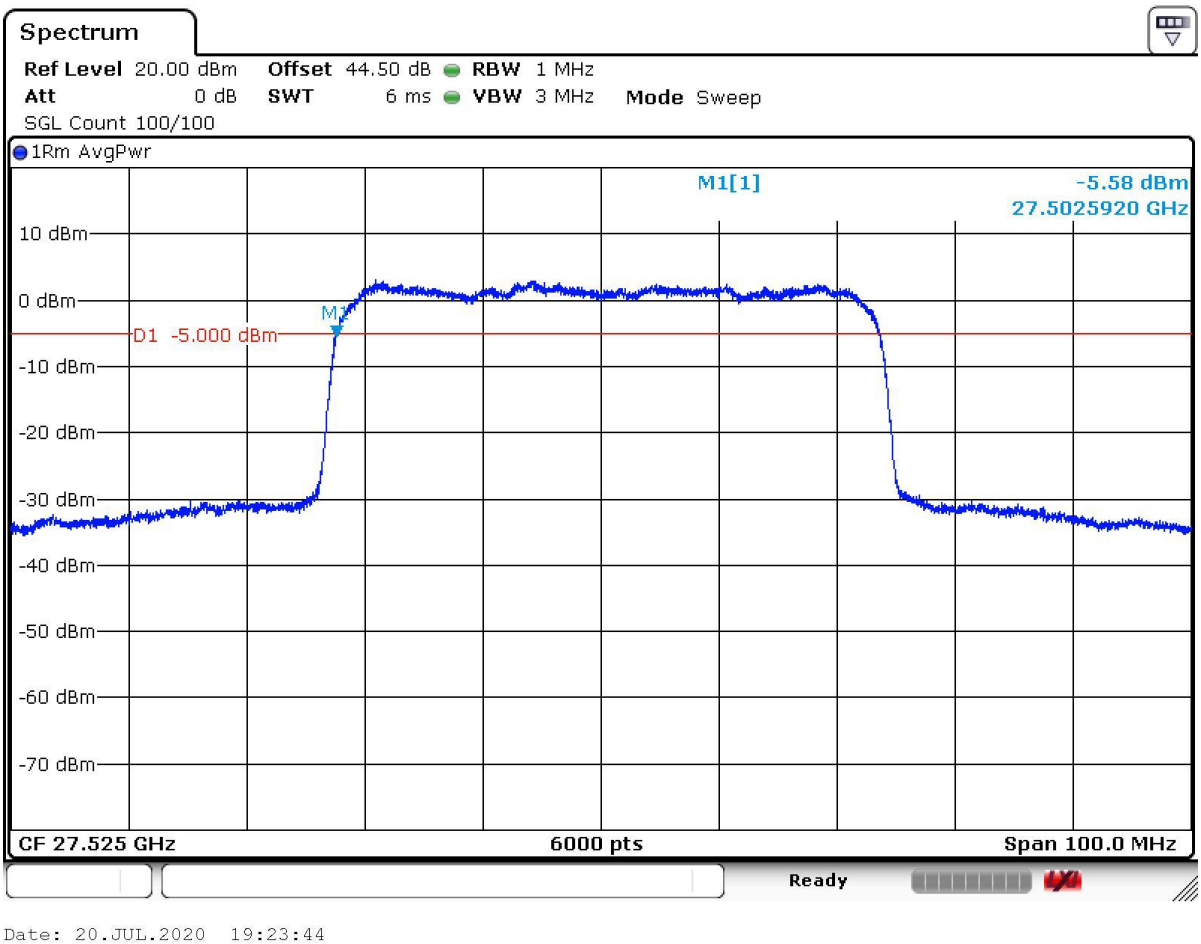
Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.3 V.；Maximum Voltage =4.25 V.
2. The frequency fundamental emissions stay within the operation band.
3. The test result at the next page provides confidence that the maximum frequency deviation will not lead to out of band operation during normal and extreme condition.

Channel Bandwidth	Low channel edge fequency close to -5dBm/MHz limit (Hz)	Freq. gap to the lower edge 27,500,000,000Hz (Hz)	Maximum CW tone Deviation (Hz)	Within the band
50MHz	27,502,592,000	2,592,000	233,620	Compliance
100MHz	27,504,250,000	4,250,000	233,620	Compliance

Channel Bandwidth	High channel edge frequency close to -5dBm/MHz limit (Hz)	Freq. gap to the lower edge 28,350,000,000Hz (Hz)	Maximum CW tone Deviation (Hz)	Within the band
50MHz	28,346,242,000	3,758,000	233,620	Compliance
100MHz	28,341,883,000	8,117,000	233,620	Compliance

Worst case 50MHz QPSK Low channel edge plot



NR Band n261 SISO

Occupied Bandwidth

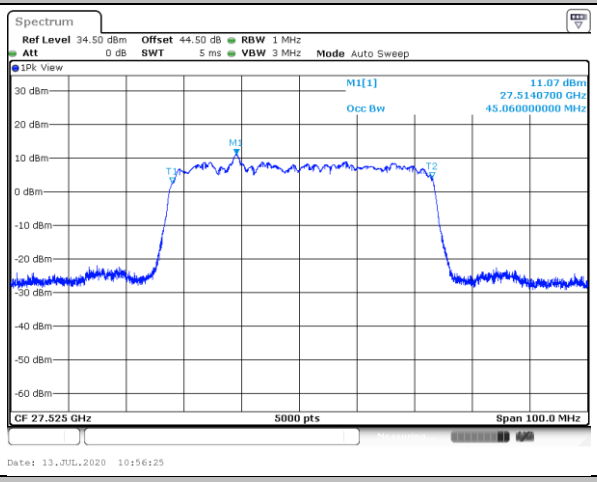
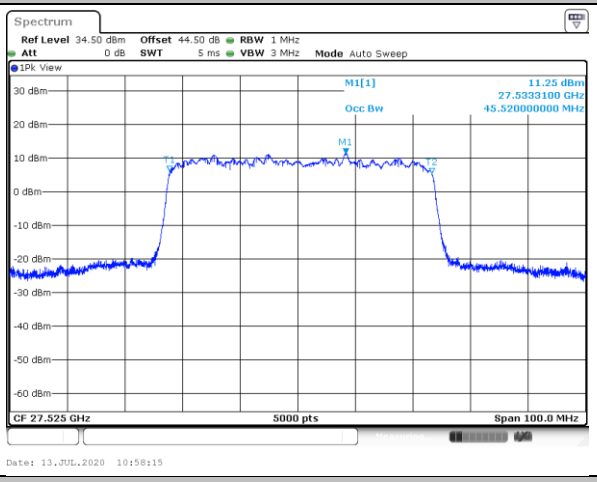
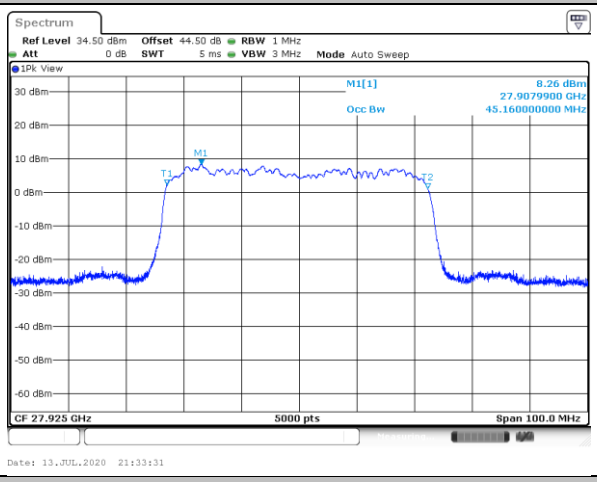
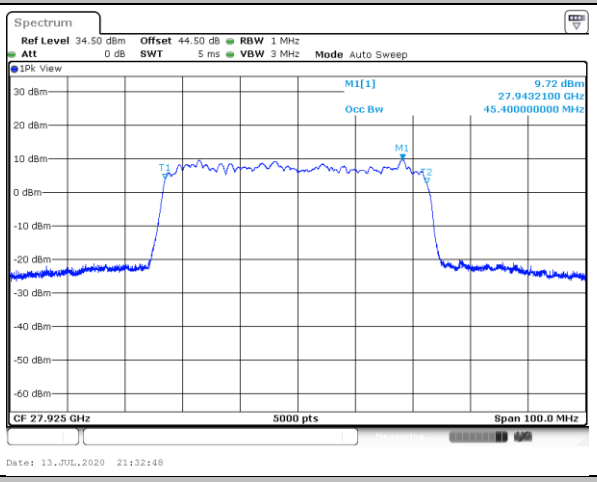
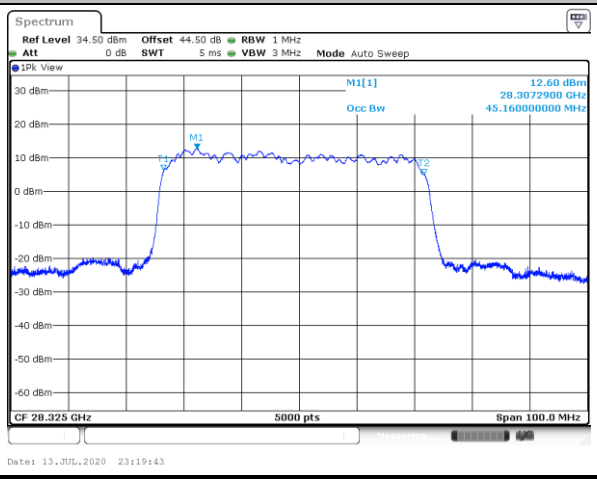
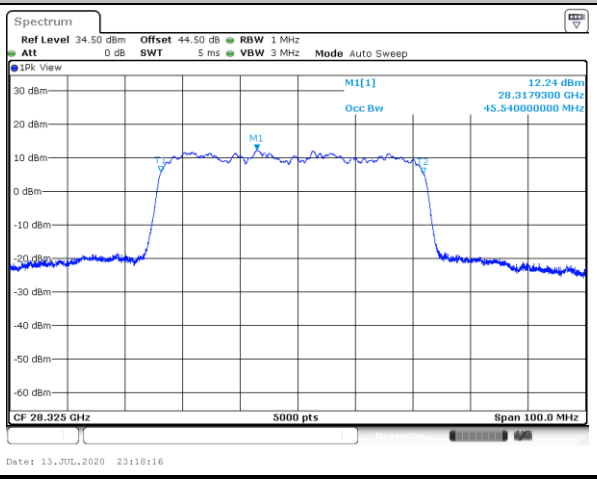
Mode	DFT-s-OFDM Module 0 NR Band n261 : 99%OBW(MHz)							
BW	50MHz				100MHz			
Mod.	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Lowest CH	45.06	45.52	45.14	45.08	90.56	90.84	90.44	90.40
Middle CH	45.16	45.40	45.22	45.04	90.28	90.44	90.84	90.48
Highest CH	45.16	45.54	45.14	45.30	90.60	90.60	90.60	90.24

Mode	DFT-s-OFDM Module 1 NR Band n261 : 99%OBW(MHz)							
BW	50MHz				100MHz			
Mod.	BPSK	QPSK	16QAM	64QAM	BPSK	QPSK	16QAM	64QAM
Lowest CH	45.46	45.16	45.30	45.28	90.68	90.56	90.16	90.84
Middle CH	45.42	45.66	45.26	45.14	90.28	90.28	90.32	90.52
Highest CH	45.18	45.46	45.22	45.22	90.00	90.28	90.32	90.12

Mode	CP-OFDM Module 0 NR Band n261 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.24	45.06	45.08	92.88	93.00	92.84
Middle CH	45.40	45.32	45.44	92.80	93.00	93.00
Highest CH	45.16	45.26	45.26	92.96	92.92	93.12

Mode	CP-OFDM Module 1 NR Band n261 : 99%OBW(MHz)					
BW	50MHz			100MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.28	45.28	45.10	92.88	92.96	93.00
Middle CH	45.50	45.40	45.36	92.80	92.92	92.88
Highest CH	45.28	45.38	45.40	92.08	92.48	92.60

DFT-s-OFDM Module 0

NR Band n261	
Lowest Channel / 50MHz / BPSK	Lowest Channel / 50MHz / QPSK
	
Middle Channel / 50MHz / BPSK	Middle Channel / 50MHz / QPSK
	
Highest Channel / 50MHz / BPSK	Highest Channel / 50MHz / QPSK
	

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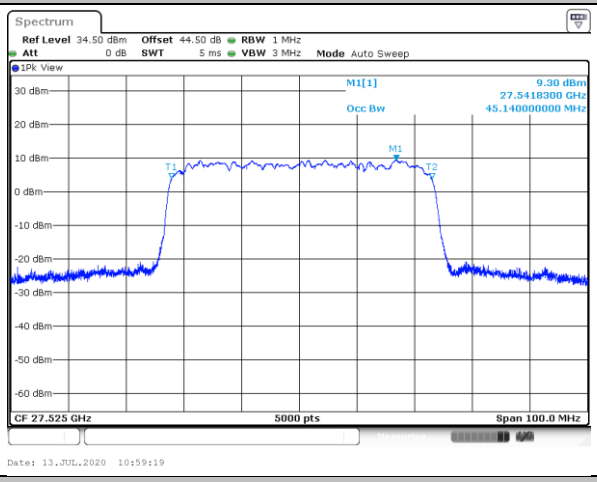
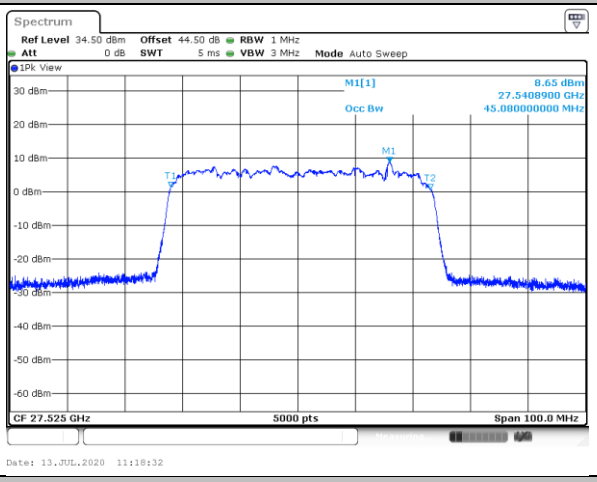
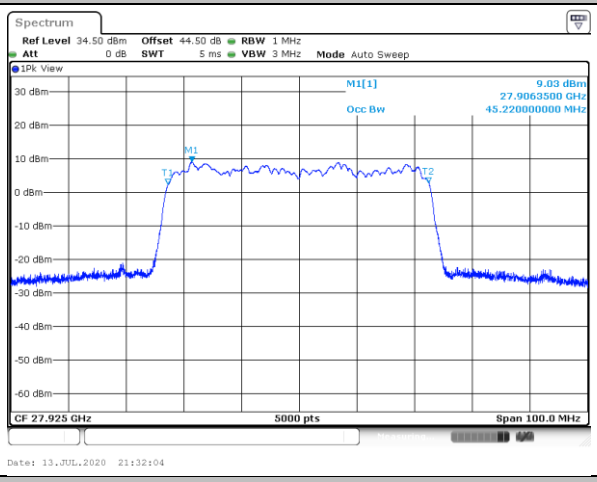
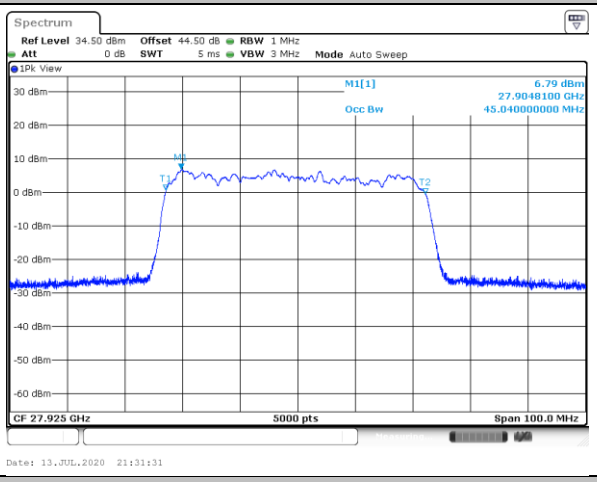
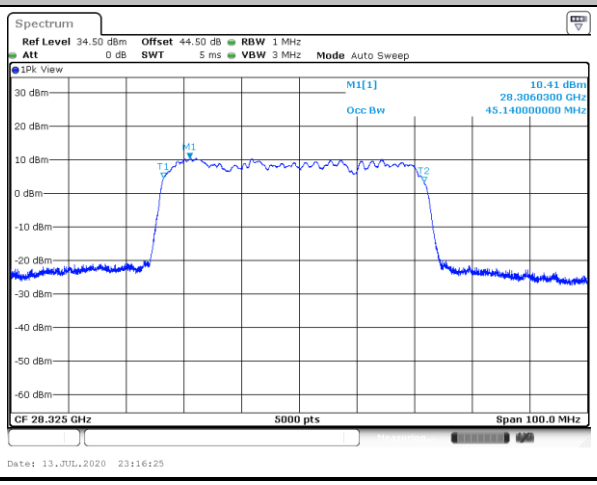
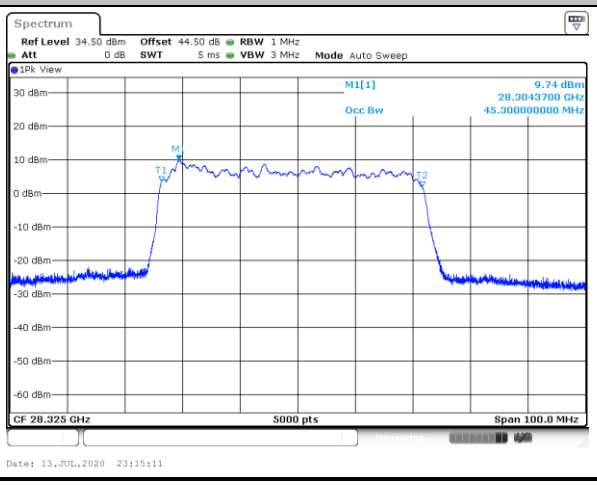
NR Band n261	
Lowest Channel / 50MHz / 16QAM	**Lowest Channel / 50MHz / 64QAM**
	
Middle Channel / 50MHz / 16QAM	**Middle Channel / 50MHz / 64QAM**
	
Highest Channel / 50MHz / 16QAM	**Highest Channel / 50MHz / 64QAM**
	

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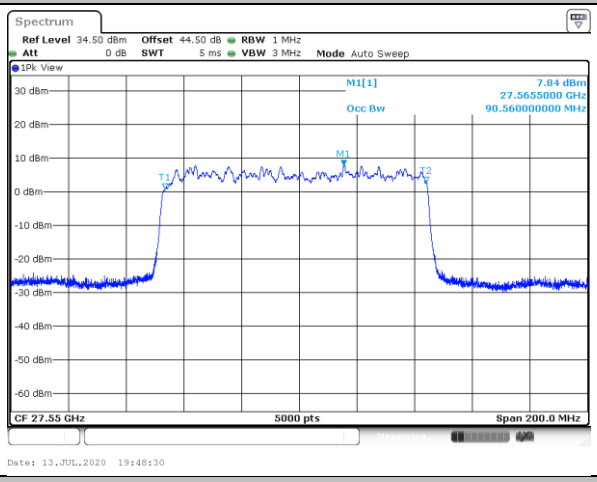
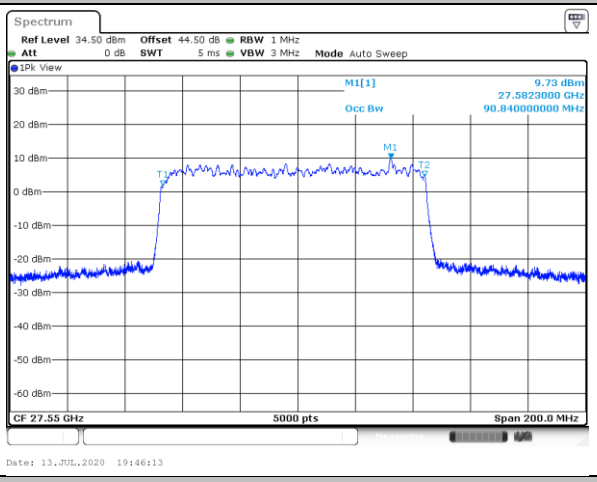
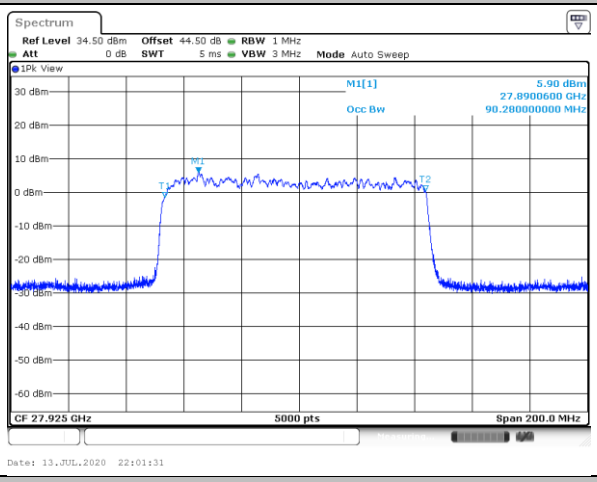
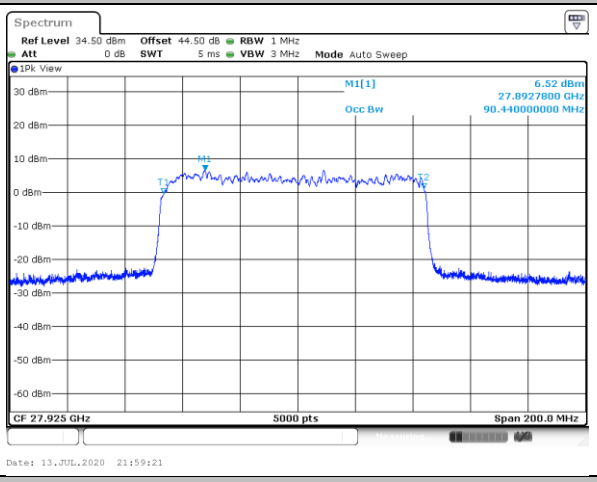
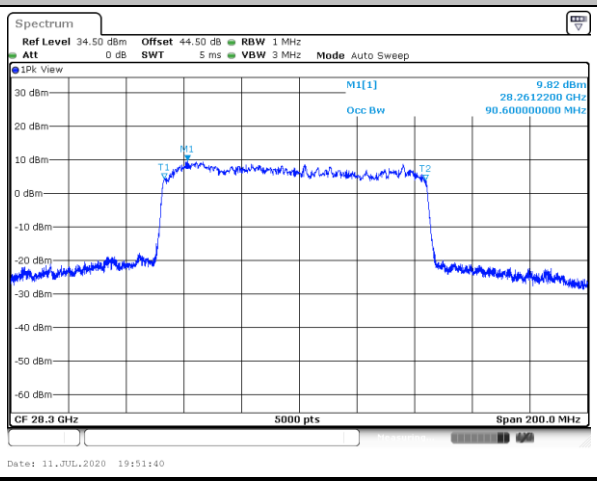
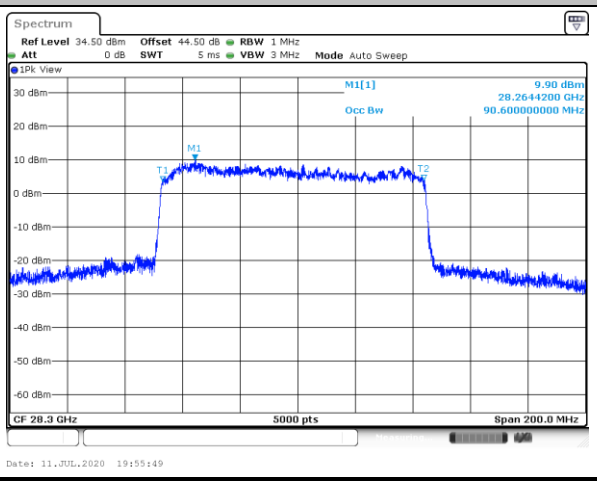
NR Band n261	
Lowest Channel / 100MHz / BPSK	**Lowest Channel / 100MHz / QPSK**
	
Middle Channel / 100MHz / BPSK	**Middle Channel / 100MHz / QPSK**
	
Highest Channel / 100MHz / BPSK	**Highest Channel / 100MHz / QPSK**
	

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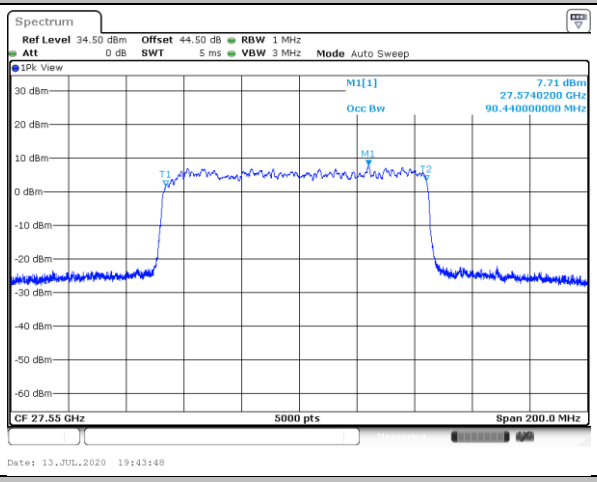
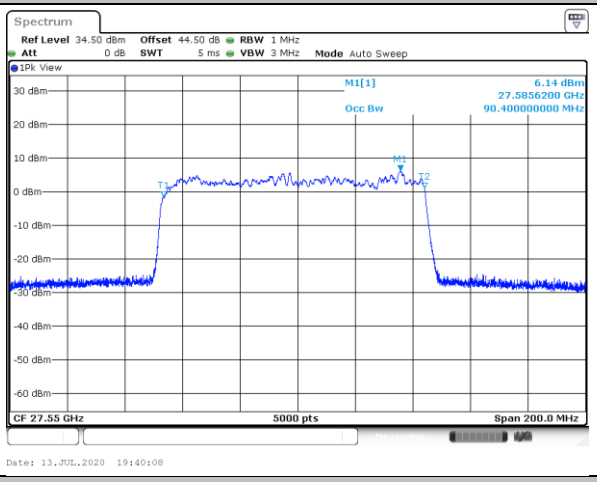
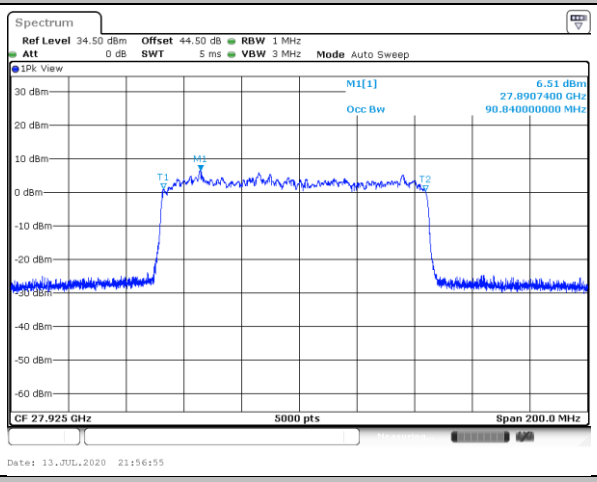
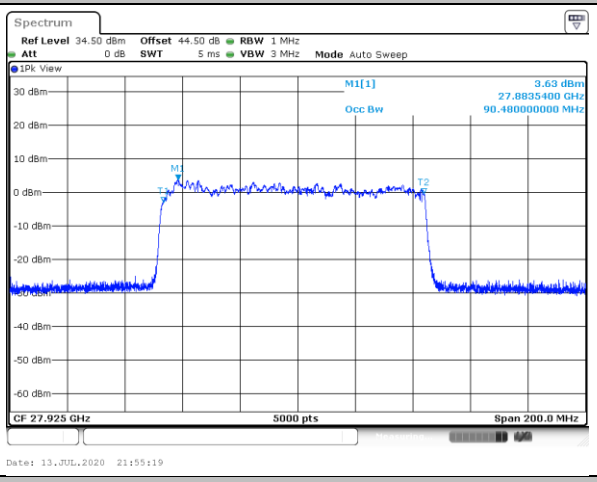
NR Band n261	
Lowest Channel / 100MHz / 16QAM	**Lowest Channel / 100MHz / 64QAM**
	
Middle Channel / 100MHz / 16QAM	**Middle Channel / 100MHz /64QAM**
	
Highest Channel / 100MHz / 16QAM	**Highest Channel / 100MHz /64QAM**