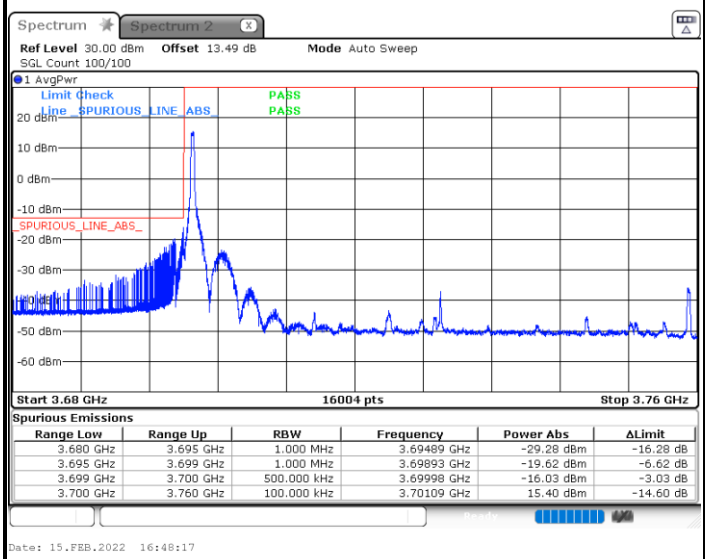
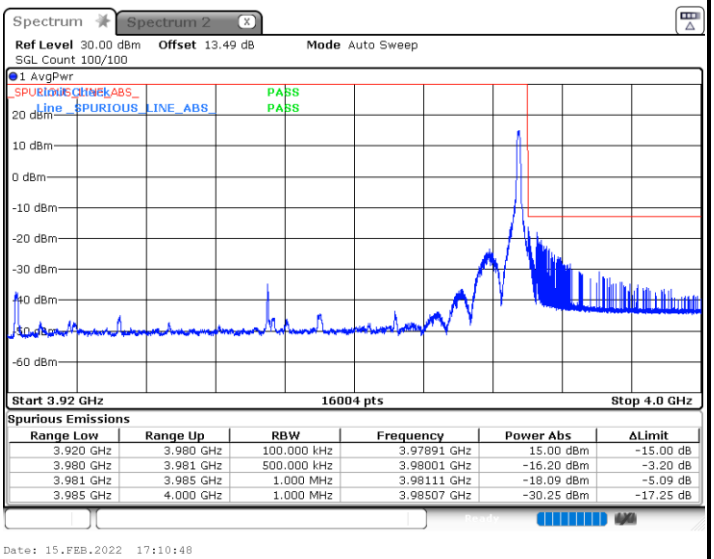
FR1 n77 / 60MHz / DFT-S OFDM / 256Q

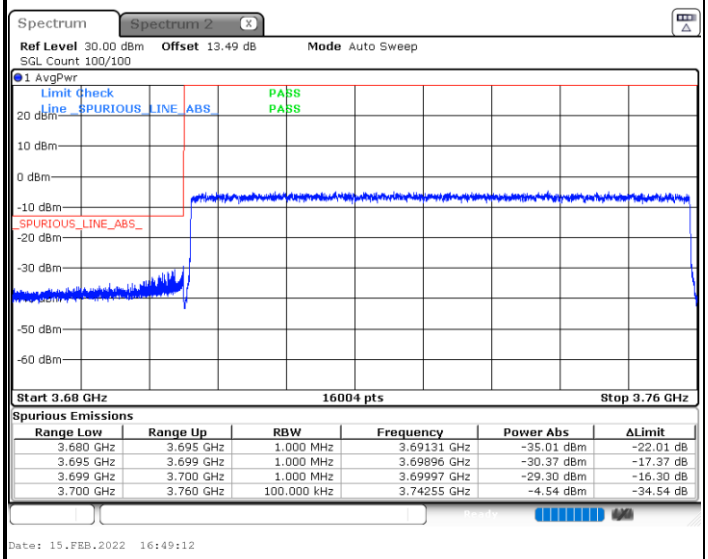
Lowest Band Edge / 1RB0



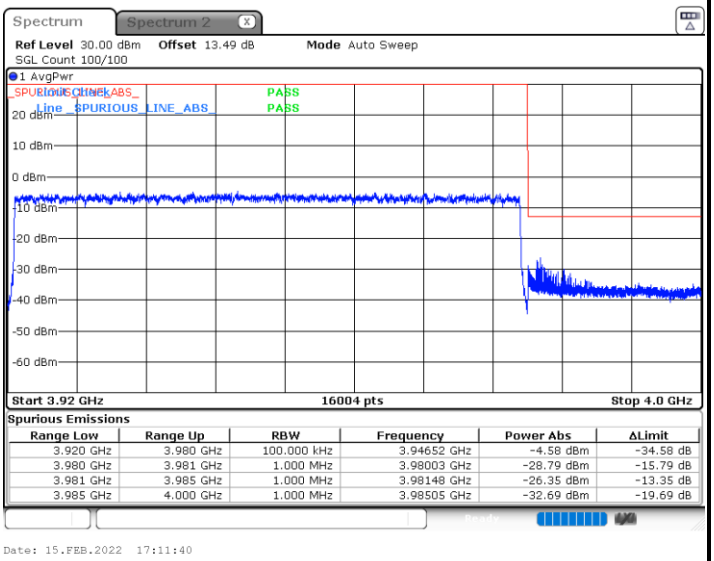
Highest Band Edge / 1RB24



Lowest Band Edge / Full RB

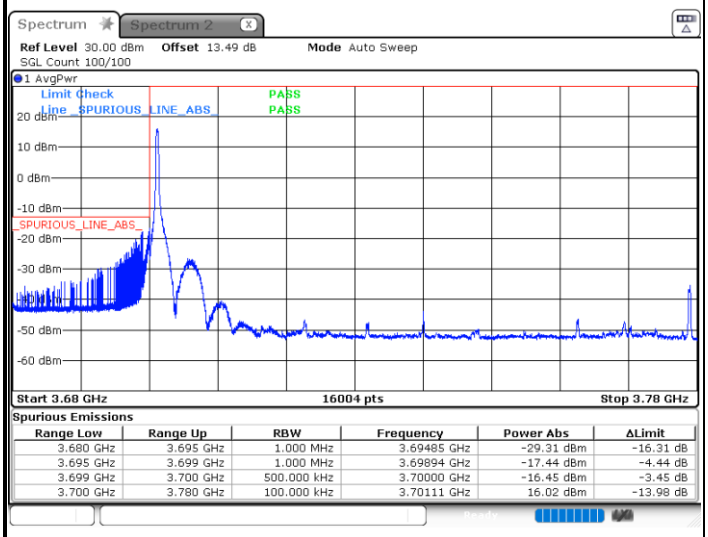


Highest Band Edge / Full RB



FR1 n77 / 80MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

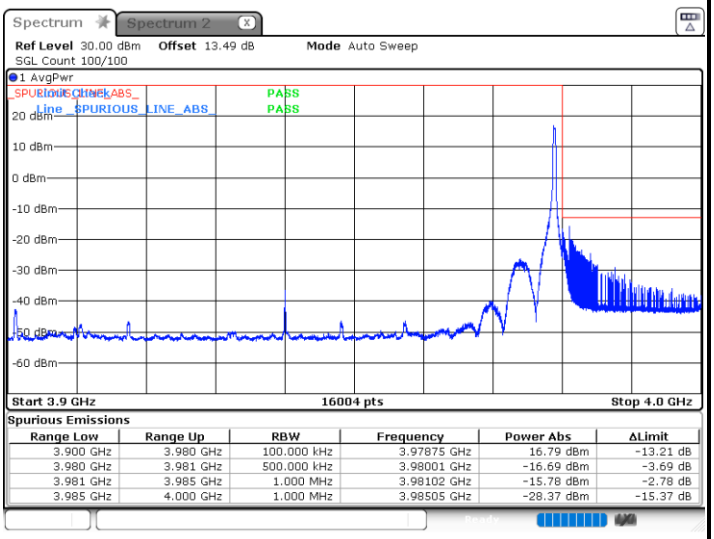


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69485 GHz	-29.31 dBm	-16.31 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69894 GHz	-17.44 dBm	-4.44 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.70000 GHz	-16.45 dBm	-3.45 dB
3.700 GHz	3.780 GHz	100.000 kHz	3.70111 GHz	16.02 dBm	-13.98 dB

Date: 15.FEB.2022 15:36:01

Highest Band Edge / 1RBmax

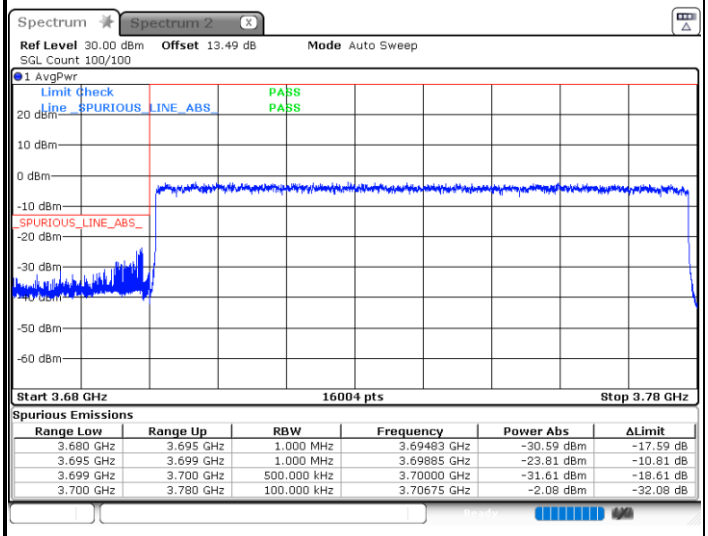


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.900 GHz	3.980 GHz	100.000 kHz	3.97875 GHz	16.79 dBm	-13.21 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98001 GHz	-16.69 dBm	-3.69 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98102 GHz	-15.78 dBm	-2.78 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98505 GHz	-28.37 dBm	-15.37 dB

Date: 15.FEB.2022 16:32:05

Lowest Band Edge / Full RB

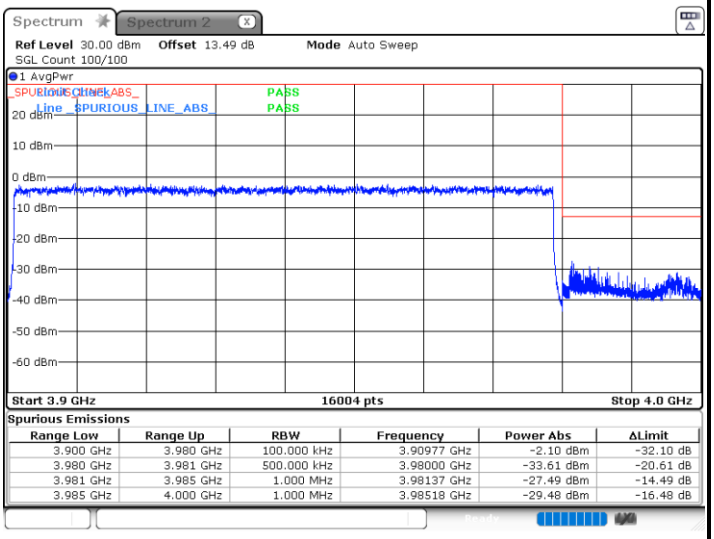


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69483 GHz	-30.59 dBm	-17.59 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69885 GHz	-23.81 dBm	-10.81 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.70000 GHz	-31.61 dBm	-18.61 dB
3.700 GHz	3.780 GHz	100.000 kHz	3.70675 GHz	-2.08 dBm	-32.08 dB

Date: 15.FEB.2022 15:48:53

Highest Band Edge / Full RB



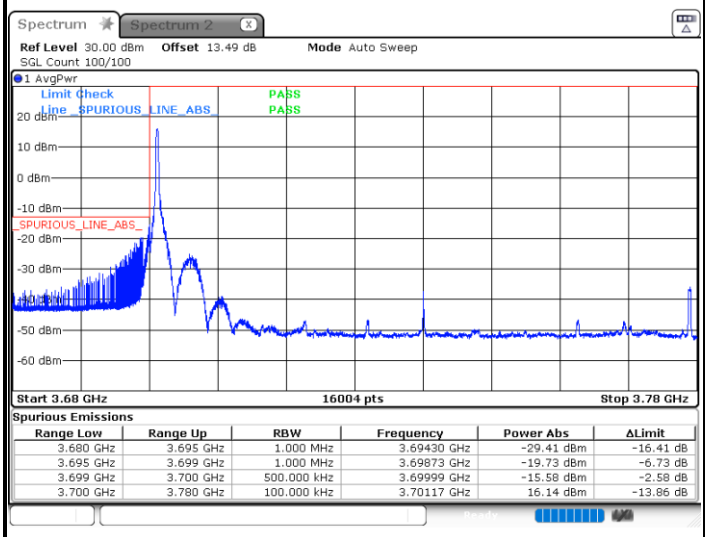
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.900 GHz	3.980 GHz	100.000 kHz	3.90977 GHz	-2.10 dBm	-32.10 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98000 GHz	-33.61 dBm	-20.61 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98137 GHz	-27.49 dBm	-14.49 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98518 GHz	-29.48 dBm	-16.48 dB

Date: 15.FEB.2022 15:50:13

FR1 n77 / 80MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

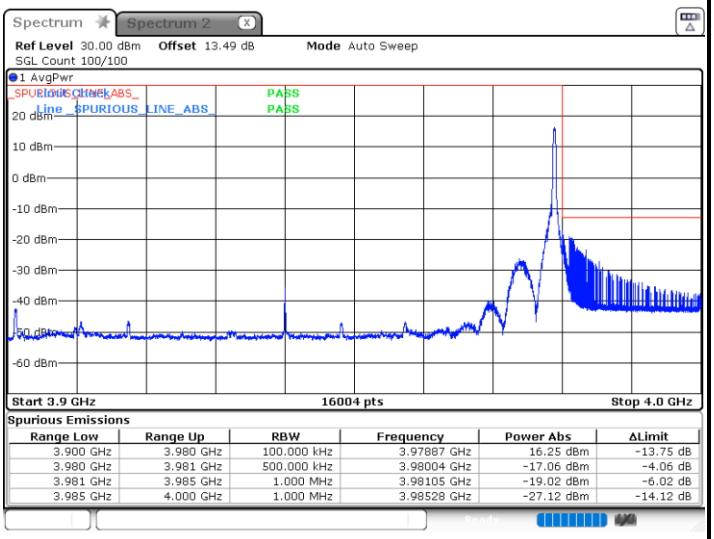


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69430 GHz	-29.41 dBm	-16.41 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69873 GHz	-19.73 dBm	-6.73 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69999 GHz	-15.58 dBm	-2.58 dB
3.700 GHz	3.780 GHz	100.000 kHz	3.70117 GHz	16.14 dBm	-13.86 dB

Date: 15.FEB.2022 15:34:38

Highest Band Edge / 1RBmax

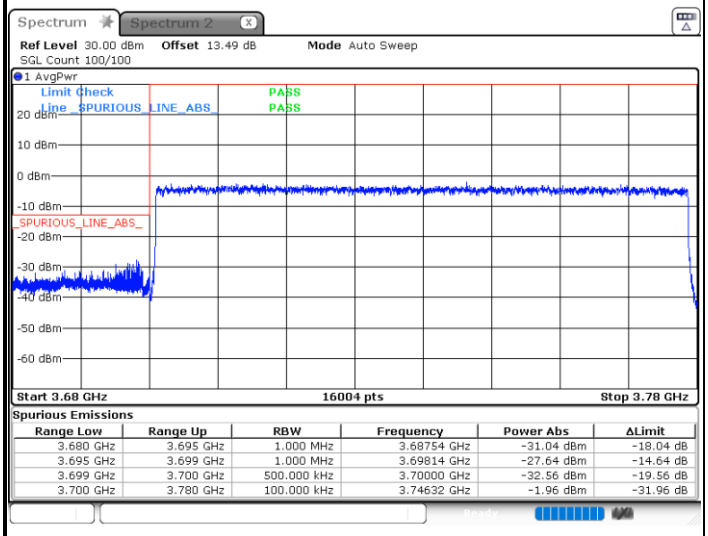


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.900 GHz	3.980 GHz	100.000 kHz	3.97887 GHz	16.25 dBm	-13.75 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98004 GHz	-17.06 dBm	-4.06 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98105 GHz	-19.02 dBm	-6.02 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98528 GHz	-27.12 dBm	-14.12 dB

Date: 15.FEB.2022 16:30:58

Lowest Band Edge / Full RB

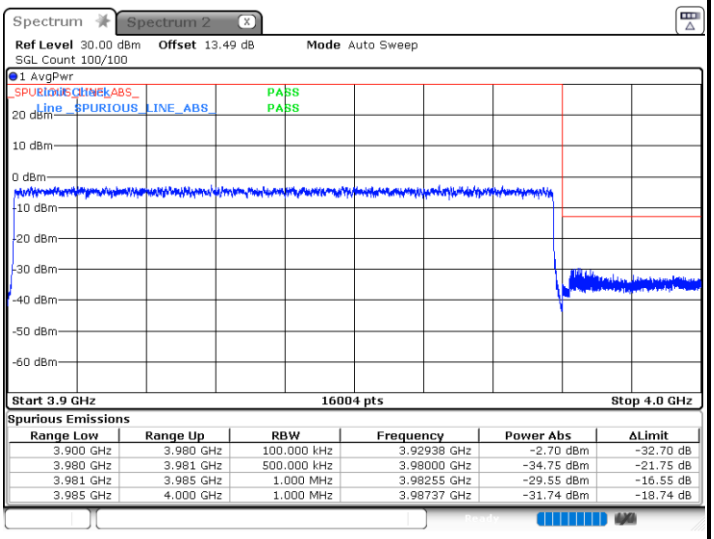


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.68754 GHz	-31.04 dBm	-18.04 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69814 GHz	-27.64 dBm	-14.64 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.70000 GHz	-32.56 dBm	-19.56 dB
3.700 GHz	3.780 GHz	100.000 kHz	3.74632 GHz	-1.96 dBm	-31.96 dB

Date: 15.FEB.2022 15:47:44

Highest Band Edge / Full RB



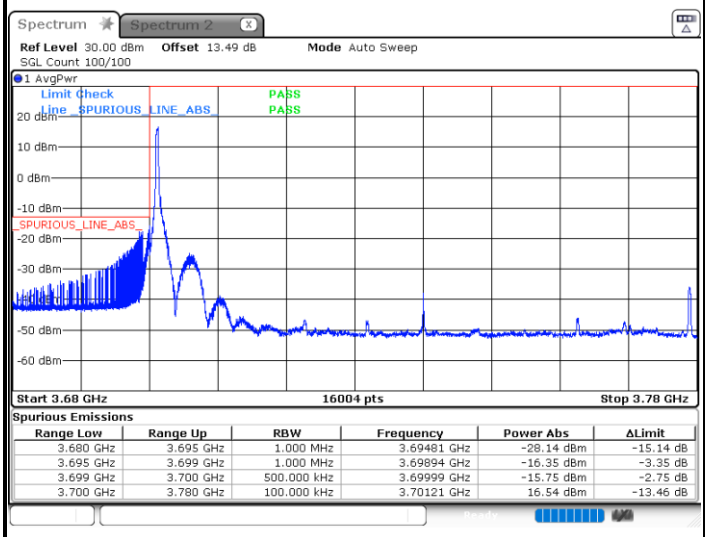
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.900 GHz	3.980 GHz	100.000 kHz	3.92938 GHz	-2.70 dBm	-32.70 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98000 GHz	-34.75 dBm	-21.75 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98255 GHz	-29.55 dBm	-16.55 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98737 GHz	-31.74 dBm	-18.74 dB

Date: 15.FEB.2022 15:51:53

FR1 n77 / 80MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

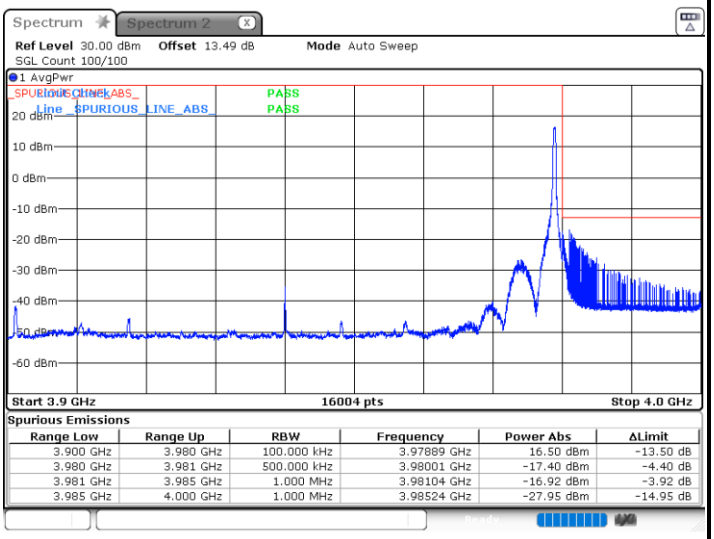


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69481 GHz	-28.14 dBm	-15.14 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69894 GHz	-16.35 dBm	-3.35 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69999 GHz	-15.75 dBm	-2.75 dB
3.700 GHz	3.780 GHz	100.000 kHz	3.70121 GHz	16.54 dBm	-13.46 dB

Date: 15.FEB.2022 15:37:08

Highest Band Edge / 1RBmax

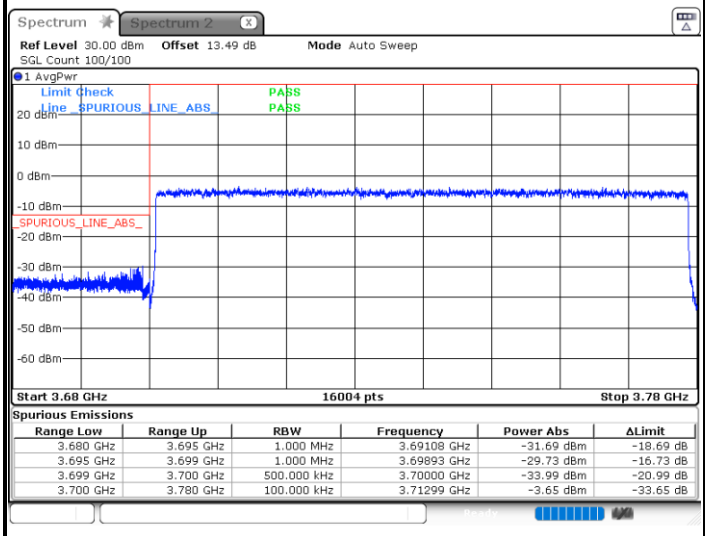


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.900 GHz	3.980 GHz	100.000 kHz	3.97889 GHz	16.50 dBm	-13.50 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98001 GHz	-17.40 dBm	-4.40 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98104 GHz	-16.92 dBm	-3.92 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98524 GHz	-27.95 dBm	-14.95 dB

Date: 15.FEB.2022 16:30:03

Lowest Band Edge / Full RB

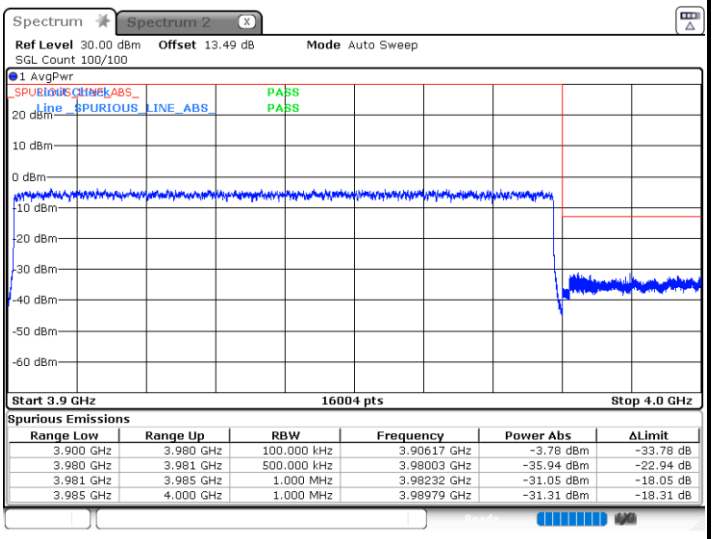


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69108 GHz	-31.69 dBm	-18.69 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69893 GHz	-29.73 dBm	-16.73 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.70000 GHz	-33.99 dBm	-20.99 dB
3.700 GHz	3.780 GHz	100.000 kHz	3.71299 GHz	-3.65 dBm	-33.65 dB

Date: 15.FEB.2022 15:46:45

Highest Band Edge / Full RB



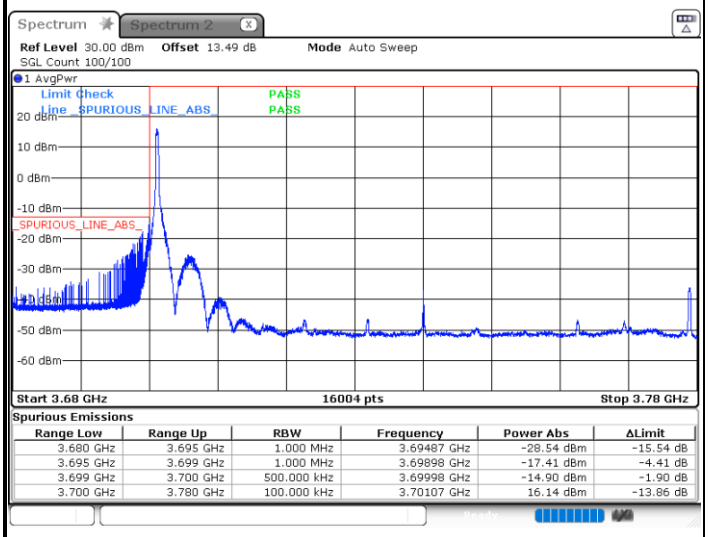
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.900 GHz	3.980 GHz	100.000 kHz	3.90617 GHz	-3.78 dBm	-33.78 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98003 GHz	-35.94 dBm	-22.94 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98232 GHz	-31.05 dBm	-18.05 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98979 GHz	-31.31 dBm	-18.31 dB

Date: 15.FEB.2022 15:53:07

FR1 n77 / 80MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

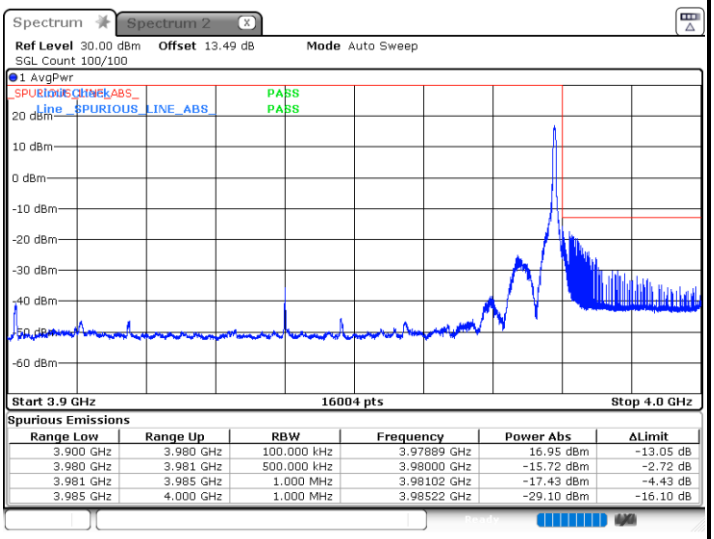


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69487 GHz	-28.54 dBm	-15.54 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69898 GHz	-17.41 dBm	-4.41 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69998 GHz	-14.90 dBm	-1.90 dB
3.700 GHz	3.780 GHz	100.000 kHz	3.70107 GHz	16.14 dBm	-13.86 dB

Date: 15.FEB.2022 15:38:28

Highest Band Edge / 1RBmax

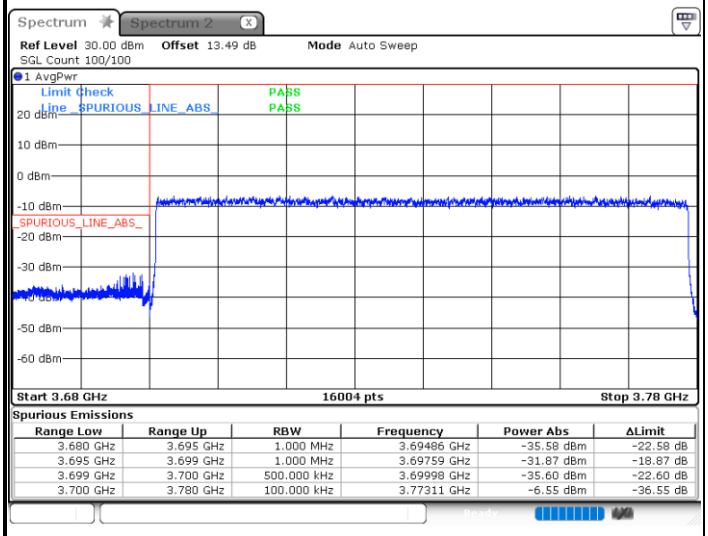


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.900 GHz	3.980 GHz	100.000 kHz	3.97889 GHz	16.95 dBm	-13.05 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98000 GHz	-15.72 dBm	-2.72 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98102 GHz	-17.43 dBm	-4.43 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98522 GHz	-29.10 dBm	-16.10 dB

Date: 15.FEB.2022 16:29:09

Lowest Band Edge / Full RB

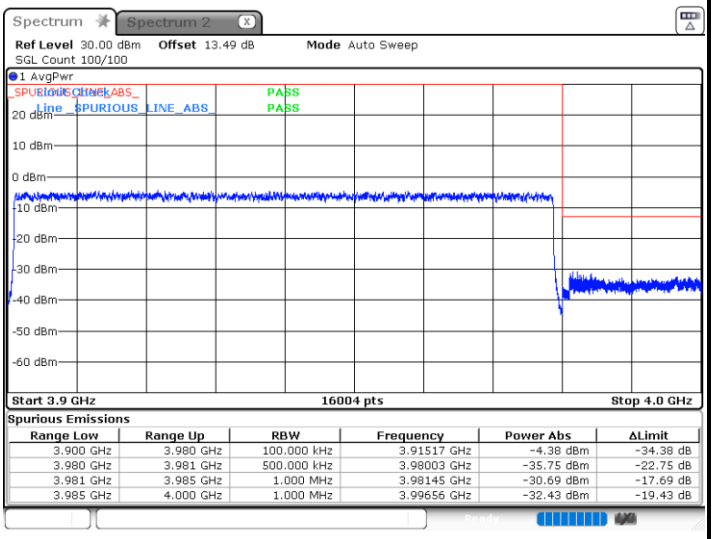


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69486 GHz	-35.58 dBm	-22.58 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69759 GHz	-31.87 dBm	-18.87 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69998 GHz	-35.60 dBm	-22.60 dB
3.700 GHz	3.780 GHz	100.000 kHz	3.77311 GHz	-6.55 dBm	-36.55 dB

Date: 16.FEB.2022 09:24:36

Highest Band Edge / Full RB



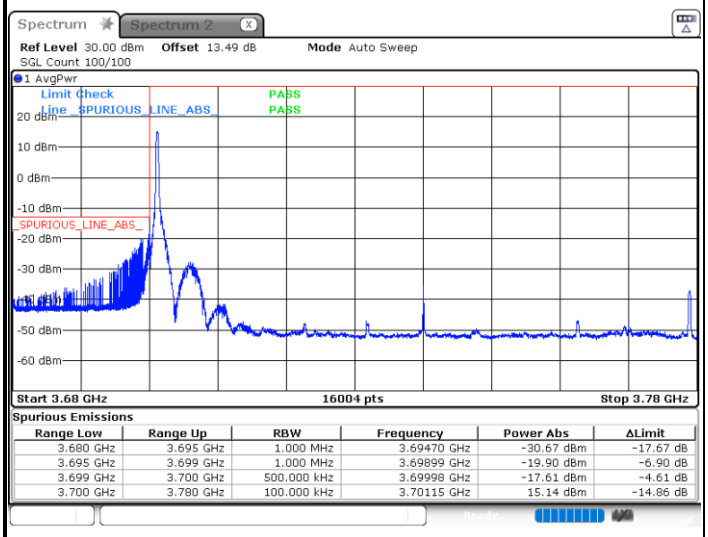
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.900 GHz	3.980 GHz	100.000 kHz	3.91517 GHz	-4.38 dBm	-34.38 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98003 GHz	-35.75 dBm	-22.75 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98145 GHz	-30.69 dBm	-17.69 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.99656 GHz	-32.43 dBm	-19.43 dB

Date: 15.FEB.2022 15:53:56

FR1 n77 / 80MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

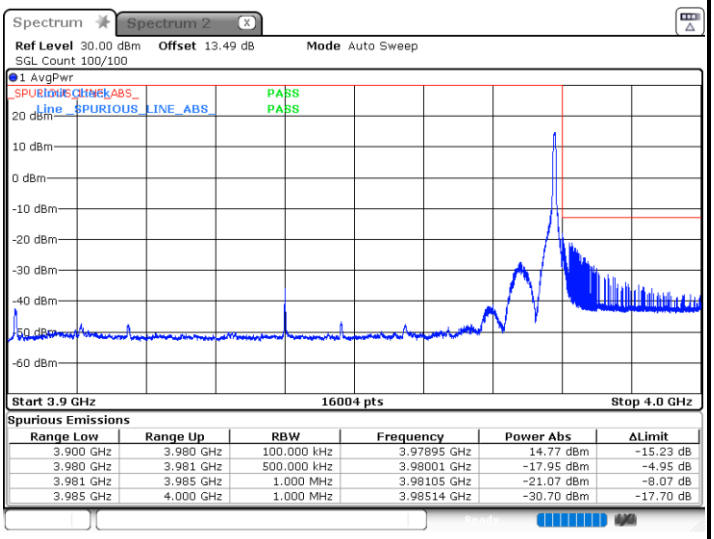


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69470 GHz	-30.67 dBm	-17.67 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69899 GHz	-19.90 dBm	-6.90 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69998 GHz	-17.61 dBm	-4.61 dB
3.700 GHz	3.780 GHz	100.000 kHz	3.70115 GHz	15.14 dBm	-14.86 dB

Date: 15.FEB.2022 15:42:37

Highest Band Edge / 1RBmax

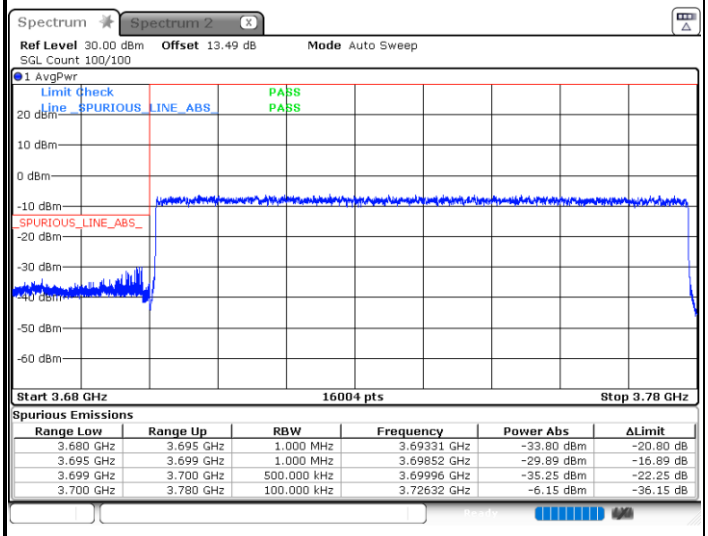


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.900 GHz	3.980 GHz	100.000 kHz	3.97895 GHz	14.77 dBm	-15.23 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98001 GHz	-17.95 dBm	-4.95 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98105 GHz	-21.07 dBm	-8.07 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98514 GHz	-30.70 dBm	-17.70 dB

Date: 15.FEB.2022 16:28:19

Lowest Band Edge / Full RB

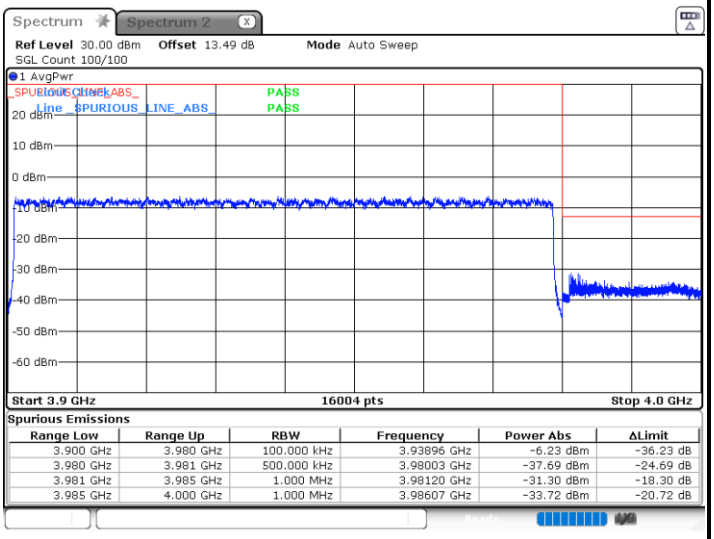


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69331 GHz	-33.80 dBm	-20.80 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69852 GHz	-29.89 dBm	-16.89 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69996 GHz	-35.25 dBm	-22.25 dB
3.700 GHz	3.780 GHz	100.000 kHz	3.72632 GHz	-6.15 dBm	-36.15 dB

Date: 15.FEB.2022 15:44:35

Highest Band Edge / Full RB



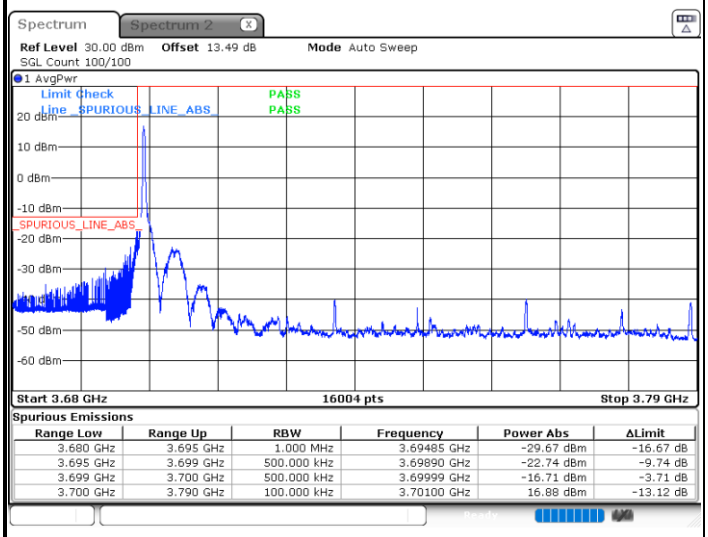
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.900 GHz	3.980 GHz	100.000 kHz	3.93896 GHz	-6.23 dBm	-36.23 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98003 GHz	-37.69 dBm	-24.69 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98120 GHz	-31.30 dBm	-18.30 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98607 GHz	-33.72 dBm	-20.72 dB

Date: 15.FEB.2022 16:26:00

FR1 n77 / 90MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

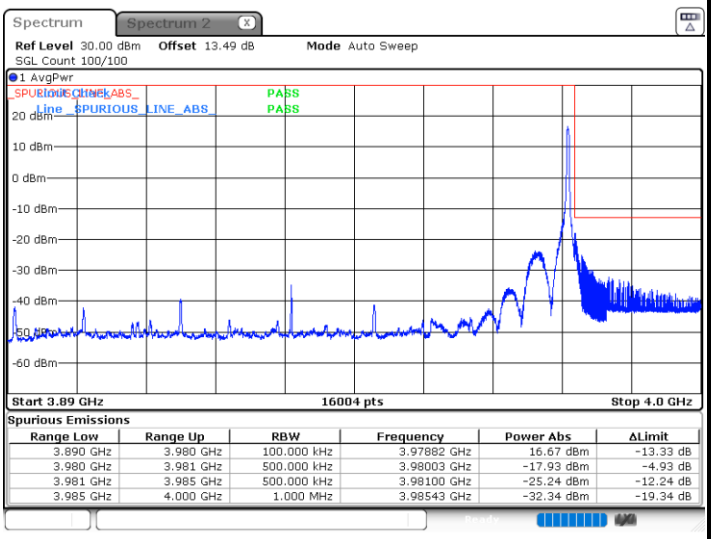


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69485 GHz	-29.67 dBm	-16.67 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69890 GHz	-22.74 dBm	-9.74 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69999 GHz	-16.71 dBm	-3.71 dB
3.700 GHz	3.790 GHz	100.000 kHz	3.70100 GHz	16.88 dBm	-13.12 dB

Date: 15.FEB.2022 14:30:29

Highest Band Edge / 1RBmax

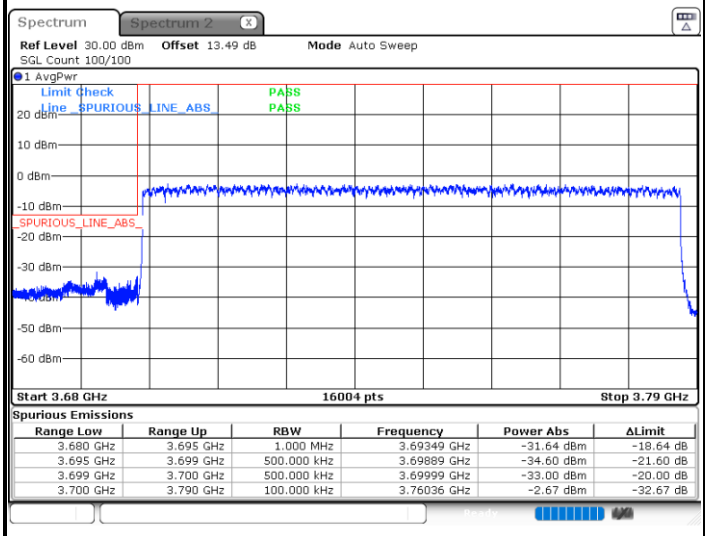


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.890 GHz	3.980 GHz	100.000 kHz	3.97882 GHz	16.67 dBm	-13.33 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98003 GHz	-17.93 dBm	-4.93 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98100 GHz	-25.24 dBm	-12.24 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98543 GHz	-32.34 dBm	-19.34 dB

Date: 15.FEB.2022 15:22:48

Lowest Band Edge / Full RB

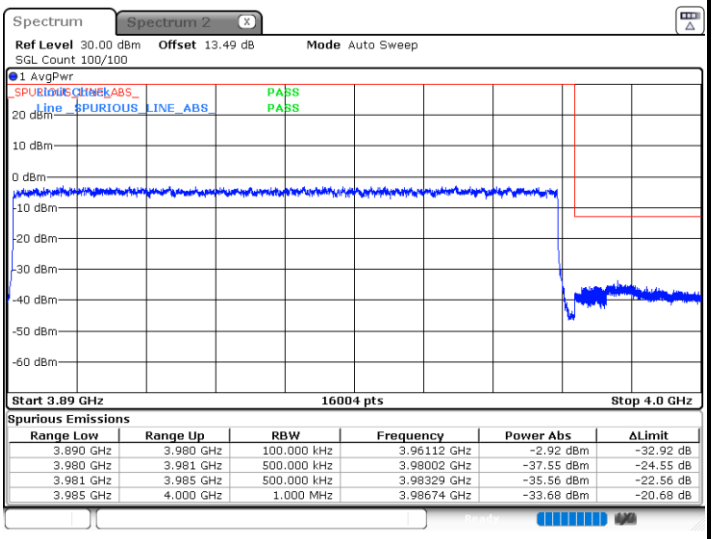


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69349 GHz	-31.64 dBm	-18.64 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69889 GHz	-34.60 dBm	-21.60 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69999 GHz	-33.00 dBm	-20.00 dB
3.700 GHz	3.790 GHz	100.000 kHz	3.76036 GHz	-2.67 dBm	-32.67 dB

Date: 15.FEB.2022 14:44:02

Highest Band Edge / Full RB



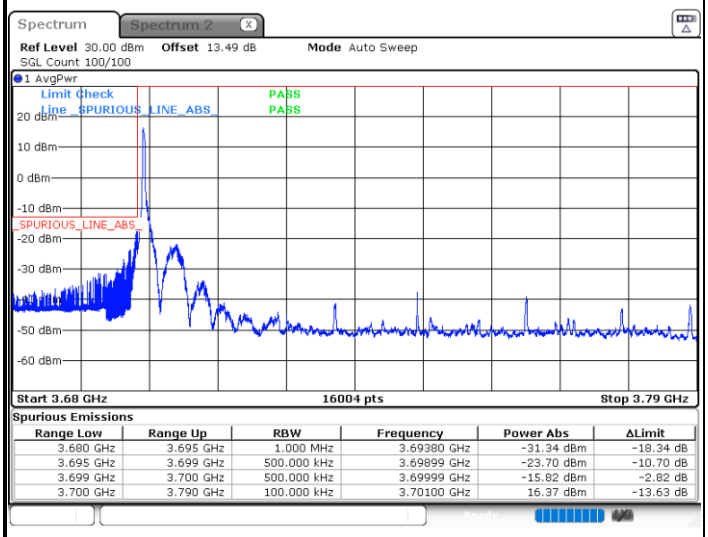
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.890 GHz	3.980 GHz	100.000 kHz	3.96112 GHz	-2.92 dBm	-32.92 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98002 GHz	-37.55 dBm	-24.55 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98329 GHz	-35.56 dBm	-22.56 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98674 GHz	-33.68 dBm	-20.68 dB

Date: 15.FEB.2022 14:45:48

FR1 n77 / 90MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

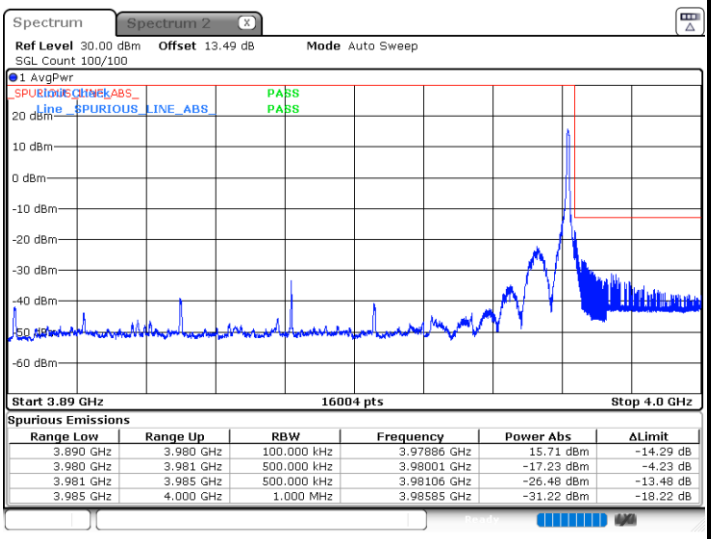


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69380 GHz	-31.34 dBm	-18.34 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69899 GHz	-23.70 dBm	-10.70 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69999 GHz	-15.82 dBm	-2.82 dB
3.700 GHz	3.790 GHz	100.000 kHz	3.70100 GHz	16.37 dBm	-13.63 dB

Date: 15.FEB.2022 14:28:24

Highest Band Edge / 1RBmax

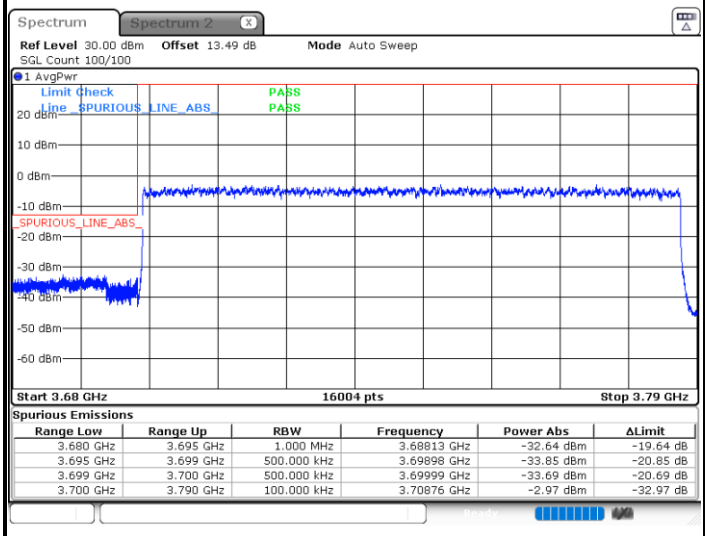


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.890 GHz	3.980 GHz	100.000 kHz	3.97886 GHz	15.71 dBm	-14.29 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98001 GHz	-17.23 dBm	-4.23 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98106 GHz	-26.48 dBm	-13.48 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98585 GHz	-31.22 dBm	-18.22 dB

Date: 15.FEB.2022 15:20:30

Lowest Band Edge / Full RB

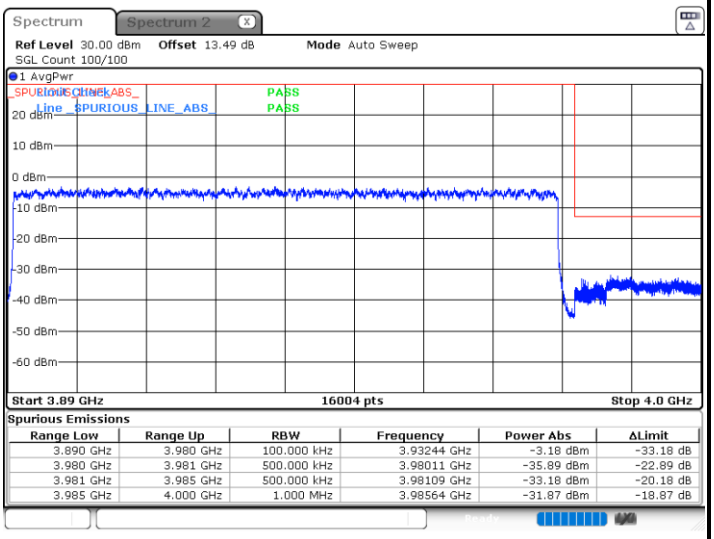


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.68813 GHz	-32.64 dBm	-19.64 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69898 GHz	-33.85 dBm	-20.85 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69999 GHz	-33.69 dBm	-20.69 dB
3.700 GHz	3.790 GHz	100.000 kHz	3.70876 GHz	-2.97 dBm	-32.97 dB

Date: 15.FEB.2022 14:41:42

Highest Band Edge / Full RB



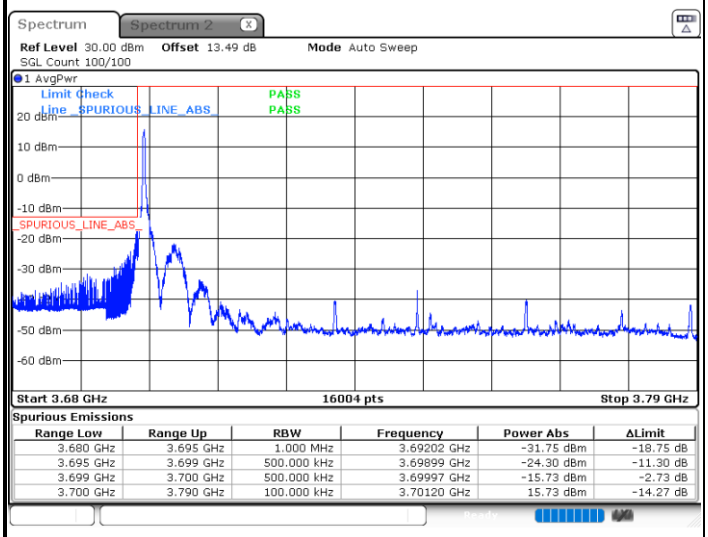
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.890 GHz	3.980 GHz	100.000 kHz	3.93244 GHz	-3.18 dBm	-33.18 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98011 GHz	-35.89 dBm	-22.89 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98109 GHz	-33.18 dBm	-20.18 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98564 GHz	-31.87 dBm	-18.87 dB

Date: 15.FEB.2022 14:46:49

FR1 n77 / 90MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

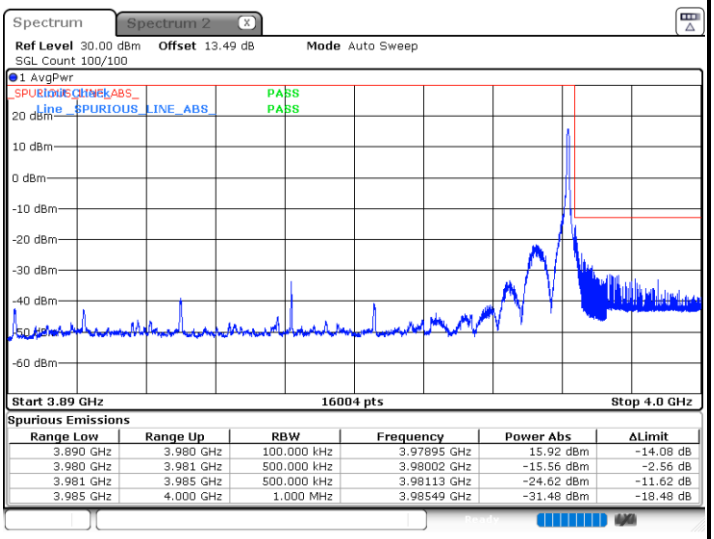


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69202 GHz	-31.75 dBm	-18.75 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69899 GHz	-24.30 dBm	-11.30 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69997 GHz	-15.73 dBm	-2.73 dB
3.700 GHz	3.790 GHz	100.000 kHz	3.70120 GHz	15.73 dBm	-14.27 dB

Date: 15.FEB.2022 14:31:28

Highest Band Edge / 1RBmax

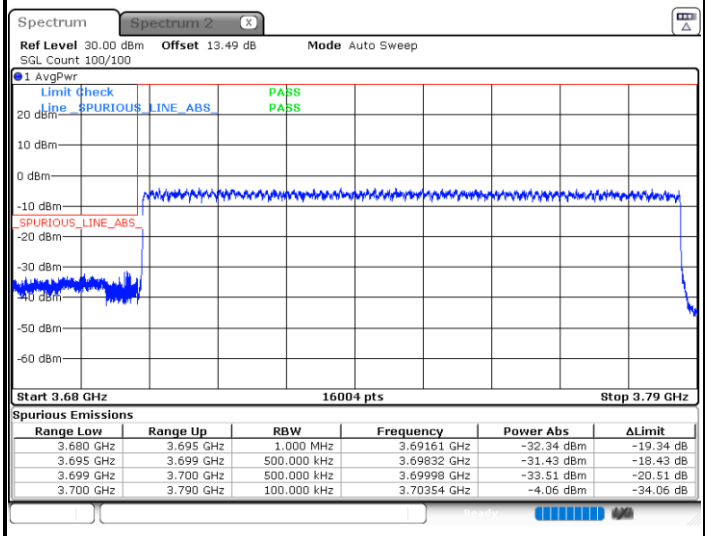


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.890 GHz	3.980 GHz	100.000 kHz	3.97895 GHz	15.92 dBm	-14.08 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98002 GHz	-15.56 dBm	-2.56 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98113 GHz	-24.62 dBm	-11.62 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98549 GHz	-31.48 dBm	-18.48 dB

Date: 15.FEB.2022 15:19:31

Lowest Band Edge / Full RB

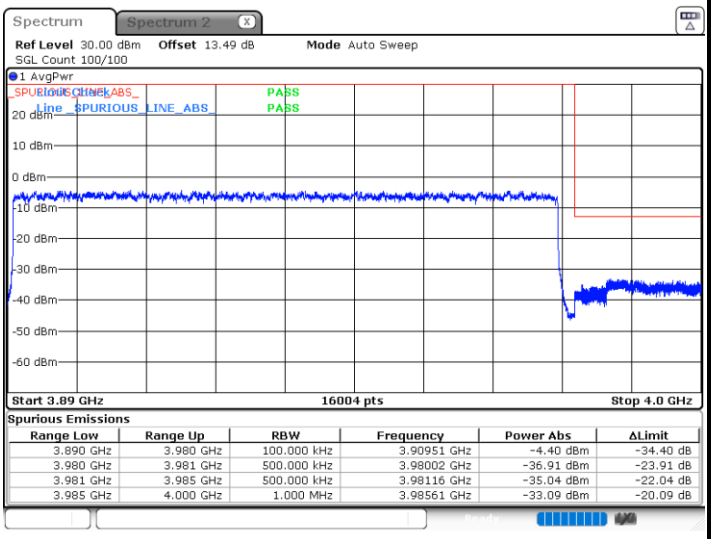


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69161 GHz	-32.34 dBm	-19.34 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69832 GHz	-31.43 dBm	-18.43 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69998 GHz	-33.51 dBm	-20.51 dB
3.700 GHz	3.790 GHz	100.000 kHz	3.70354 GHz	-4.06 dBm	-34.06 dB

Date: 15.FEB.2022 14:40:02

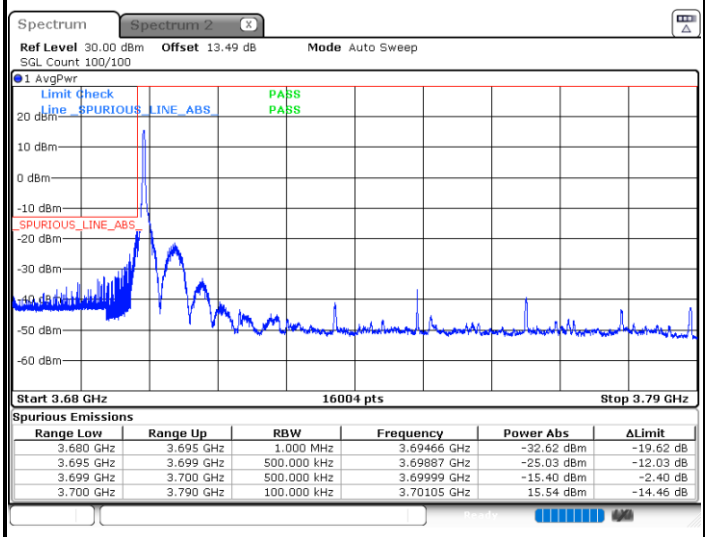
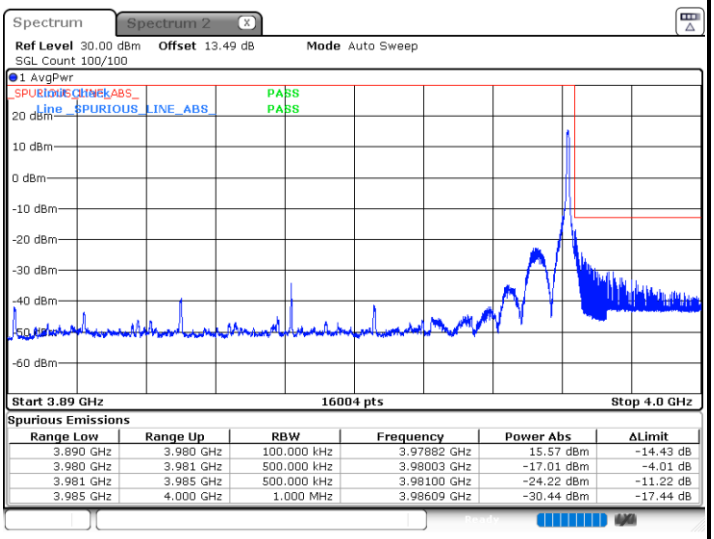
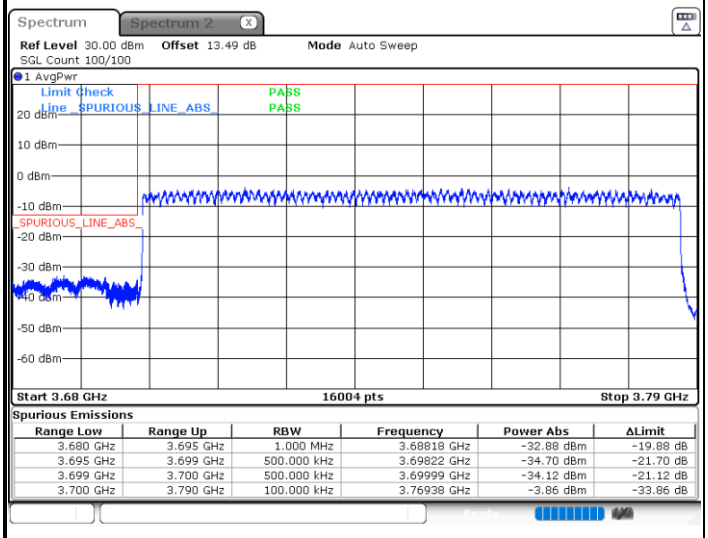
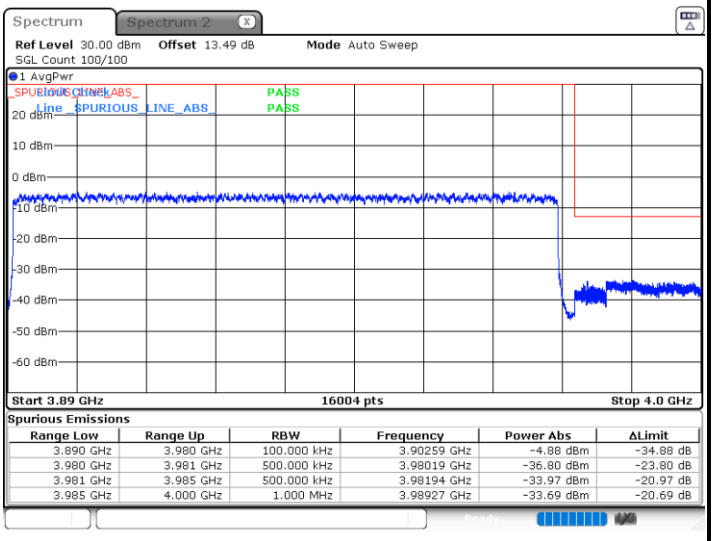
Highest Band Edge / Full RB



Spurious Emissions

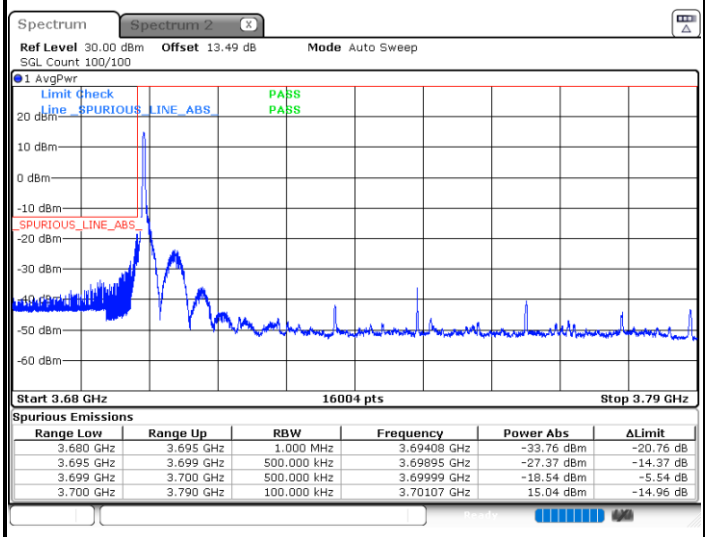
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.890 GHz	3.980 GHz	100.000 kHz	3.90951 GHz	-4.40 dBm	-34.40 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98002 GHz	-36.91 dBm	-23.91 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98116 GHz	-35.04 dBm	-22.04 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98561 GHz	-33.09 dBm	-20.09 dB

Date: 15.FEB.2022 15:11:21

FR1 n77 / 90MHz / DFT-S OFDM / 64Q	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n77 / 90MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

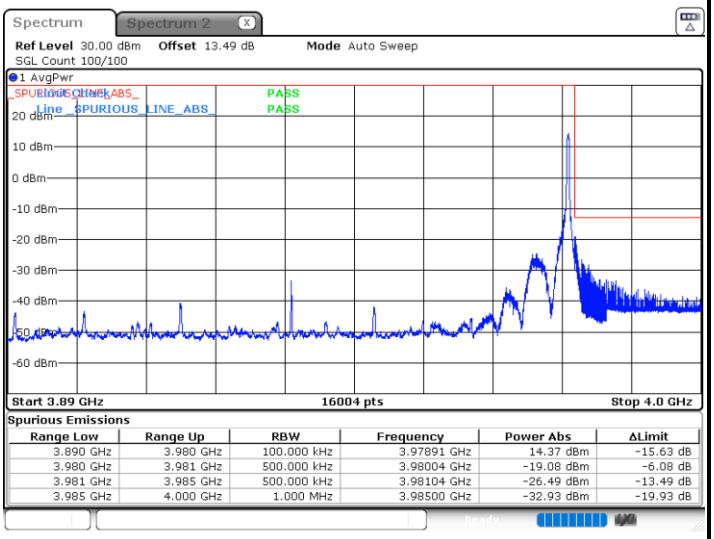


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69408 GHz	-33.76 dBm	-20.76 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69895 GHz	-27.37 dBm	-14.37 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69999 GHz	-18.54 dBm	-5.54 dB
3.700 GHz	3.790 GHz	100.000 kHz	3.70107 GHz	15.04 dBm	-14.96 dB

Date: 15.FEB.2022 14:32:55

Highest Band Edge / 1RBmax

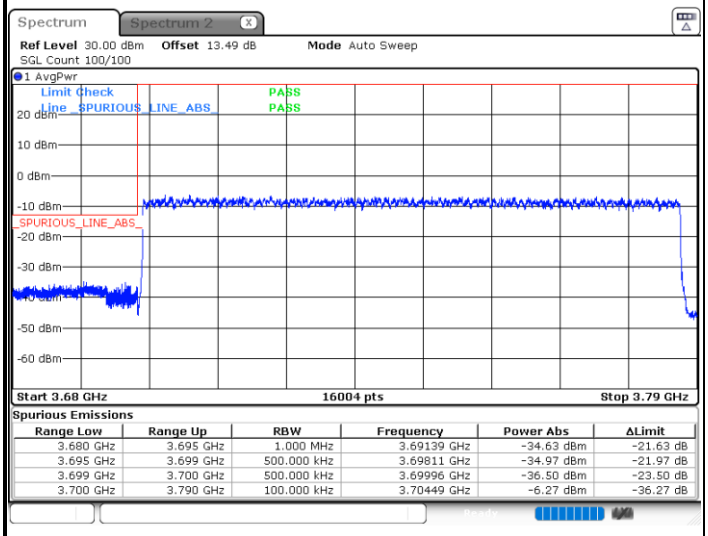


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.890 GHz	3.980 GHz	100.000 kHz	3.97891 GHz	14.37 dBm	-15.63 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98004 GHz	-19.08 dBm	-6.08 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98104 GHz	-26.49 dBm	-13.49 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98500 GHz	-32.93 dBm	-19.93 dB

Date: 15.FEB.2022 15:16:29

Lowest Band Edge / Full RB

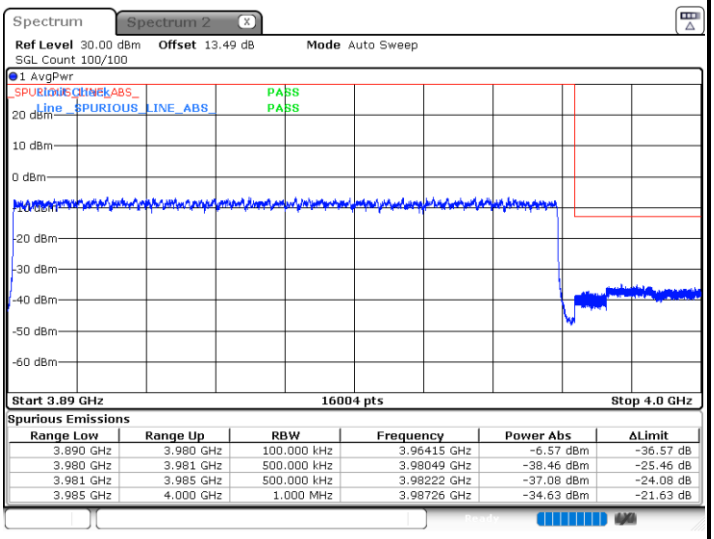


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69139 GHz	-34.63 dBm	-21.63 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69811 GHz	-34.97 dBm	-21.97 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69996 GHz	-36.50 dBm	-23.50 dB
3.700 GHz	3.790 GHz	100.000 kHz	3.70449 GHz	-6.27 dBm	-36.27 dB

Date: 15.FEB.2022 14:33:50

Highest Band Edge / Full RB



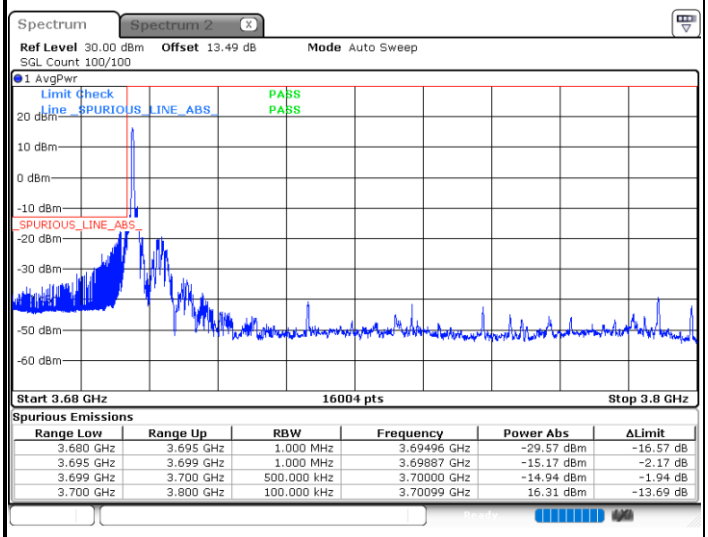
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.890 GHz	3.980 GHz	100.000 kHz	3.96415 GHz	-6.57 dBm	-36.57 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98049 GHz	-38.46 dBm	-25.46 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98222 GHz	-37.08 dBm	-24.08 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98726 GHz	-34.63 dBm	-21.63 dB

Date: 15.FEB.2022 15:14:53

FR1 n77 / 100MHz / DFT-S OFDM / BPSK

Lowest Band Edge / 1RB0

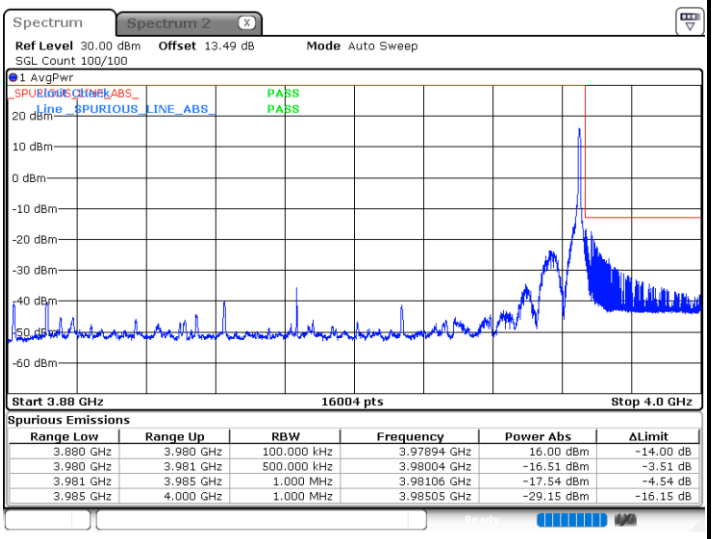


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69496 GHz	-29.57 dBm	-16.57 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69887 GHz	-15.17 dBm	-2.17 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.70000 GHz	-14.94 dBm	-1.94 dB
3.700 GHz	3.800 GHz	100.000 kHz	3.70099 GHz	16.31 dBm	-13.69 dB

Date: 15.FEB.2022 13:12:14

Highest Band Edge / 1RBmax

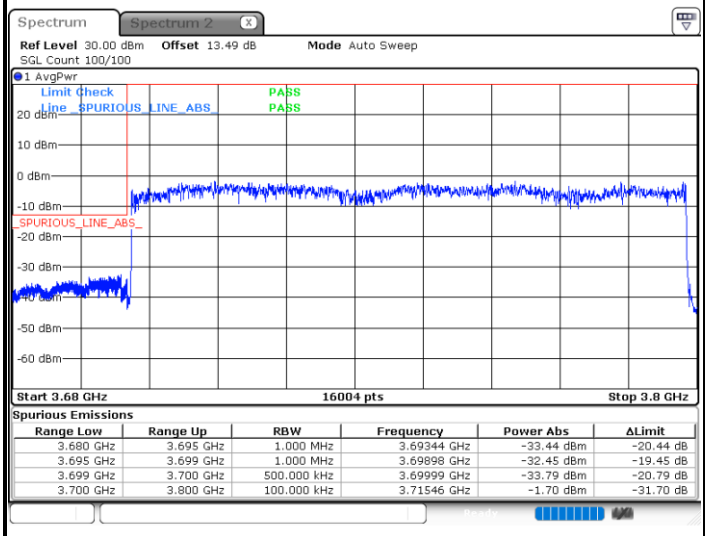


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.880 GHz	3.980 GHz	100.000 kHz	3.97894 GHz	16.00 dBm	-14.00 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98004 GHz	-16.51 dBm	-3.51 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98106 GHz	-17.54 dBm	-4.54 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98505 GHz	-29.15 dBm	-16.15 dB

Date: 15.FEB.2022 13:54:02

Lowest Band Edge / Full RB

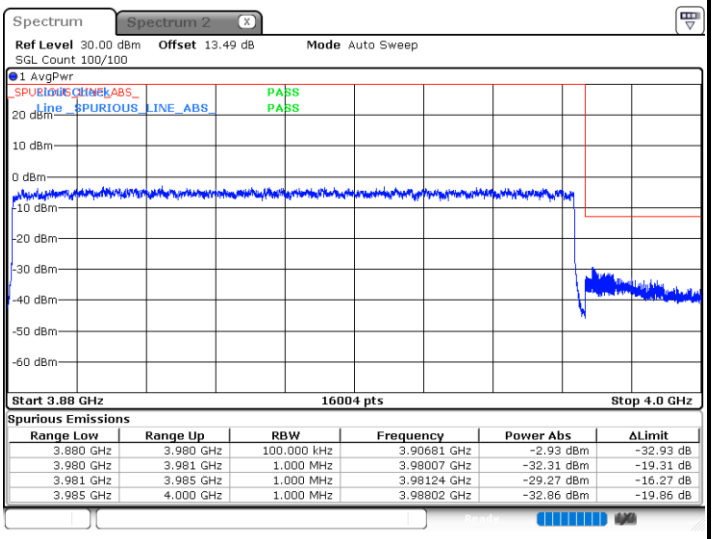


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69344 GHz	-33.44 dBm	-20.44 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69898 GHz	-32.45 dBm	-19.45 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69999 GHz	-33.79 dBm	-20.79 dB
3.700 GHz	3.800 GHz	100.000 kHz	3.71546 GHz	-1.70 dBm	-31.70 dB

Date: 15.FEB.2022 13:23:39

Highest Band Edge / Full RB



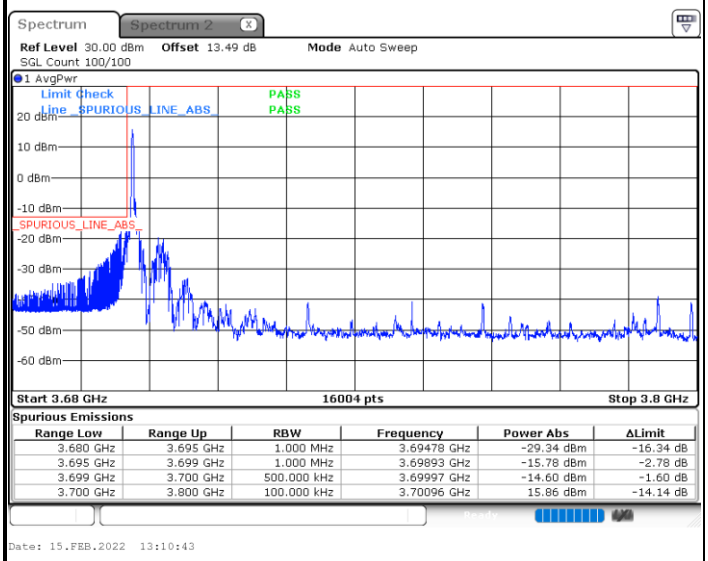
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.880 GHz	3.980 GHz	100.000 kHz	3.90681 GHz	-2.93 dBm	-32.93 dB
3.980 GHz	3.981 GHz	1.000 MHz	3.98007 GHz	-32.31 dBm	-19.31 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98124 GHz	-29.27 dBm	-16.27 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98802 GHz	-32.86 dBm	-19.86 dB

Date: 15.FEB.2022 13:24:25

FR1 n77 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

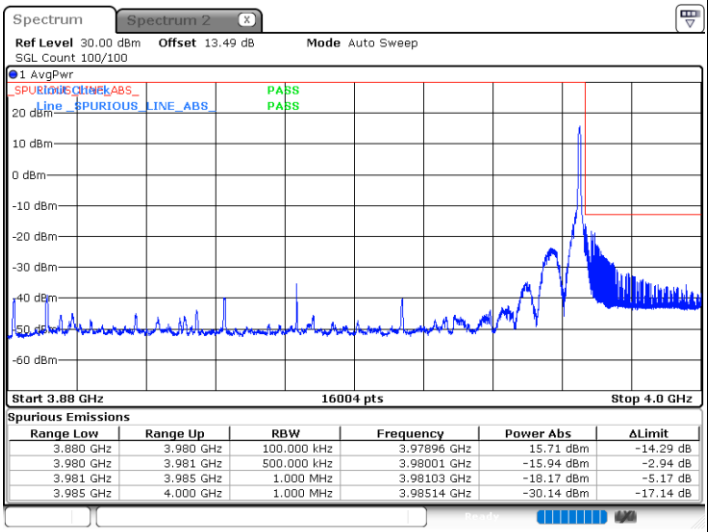


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69478 GHz	-29.34 dBm	-16.34 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69893 GHz	-15.78 dBm	-2.78 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69997 GHz	-14.60 dBm	-1.60 dB
3.700 GHz	3.800 GHz	100.000 kHz	3.70096 GHz	15.86 dBm	-14.14 dB

Date: 15.FEB.2022 13:10:43

Highest Band Edge / 1RBmax

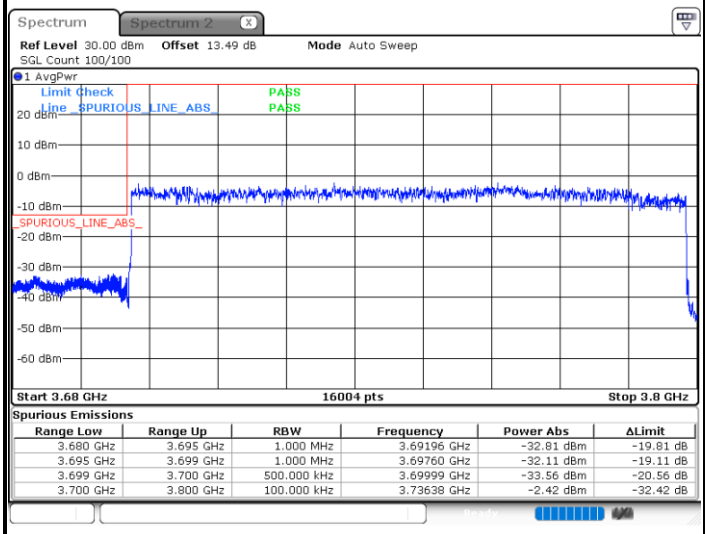


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.880 GHz	3.980 GHz	100.000 kHz	3.97896 GHz	15.71 dBm	-14.29 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98001 GHz	-15.94 dBm	-2.94 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98103 GHz	-18.17 dBm	-5.17 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98514 GHz	-30.14 dBm	-17.14 dB

Date: 15.FEB.2022 13:52:51

Lowest Band Edge / Full RB

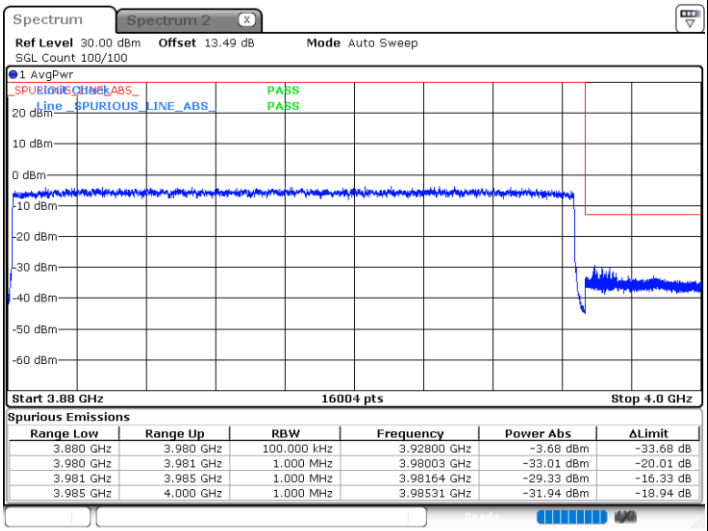


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69196 GHz	-32.81 dBm	-19.81 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69760 GHz	-32.11 dBm	-19.11 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69999 GHz	-33.56 dBm	-20.56 dB
3.700 GHz	3.800 GHz	100.000 kHz	3.73638 GHz	-2.42 dBm	-32.42 dB

Date: 15.FEB.2022 13:22:41

Highest Band Edge / Full RB



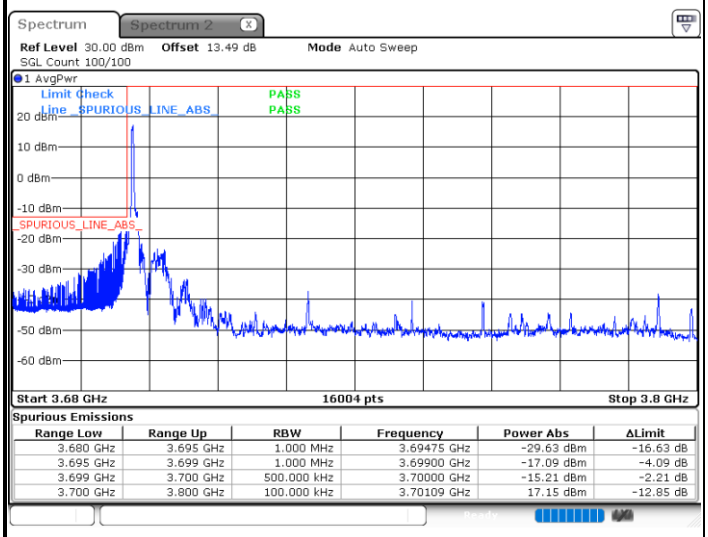
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.880 GHz	3.980 GHz	100.000 kHz	3.92800 GHz	-3.68 dBm	-33.68 dB
3.980 GHz	3.981 GHz	1.000 MHz	3.98003 GHz	-33.01 dBm	-20.01 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98164 GHz	-29.33 dBm	-16.33 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98531 GHz	-31.94 dBm	-18.94 dB

Date: 15.FEB.2022 13:35:42

FR1 n77 / 100MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

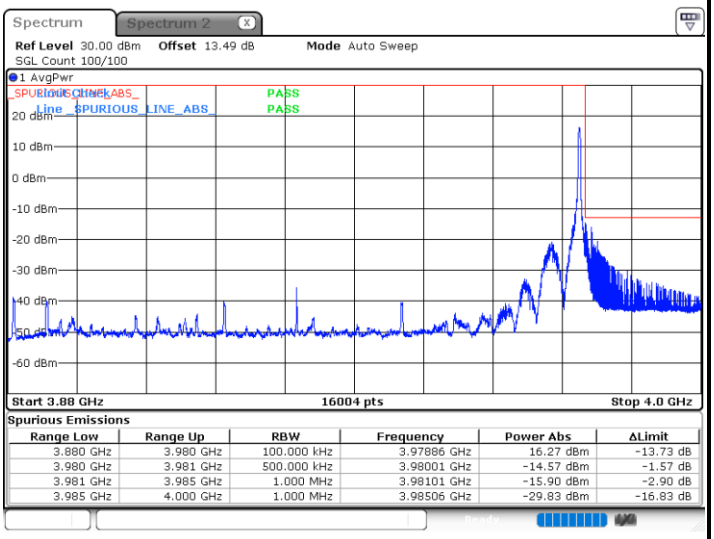


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69475 GHz	-29.63 dBm	-16.63 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69900 GHz	-17.09 dBm	-4.09 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.70000 GHz	-15.21 dBm	-2.21 dB
3.700 GHz	3.800 GHz	100.000 kHz	3.70109 GHz	17.15 dBm	-12.85 dB

Date: 15.FEB.2022 13:15:33

Highest Band Edge / 1RBmax

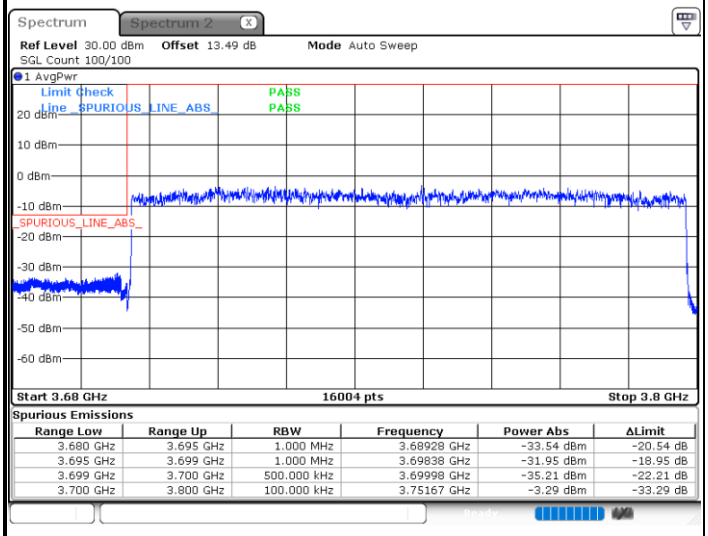


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.880 GHz	3.980 GHz	100.000 kHz	3.97886 GHz	16.27 dBm	-13.73 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98001 GHz	-14.57 dBm	-1.57 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98101 GHz	-15.90 dBm	-2.90 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98506 GHz	-29.83 dBm	-16.83 dB

Date: 15.FEB.2022 13:51:26

Lowest Band Edge / Full RB

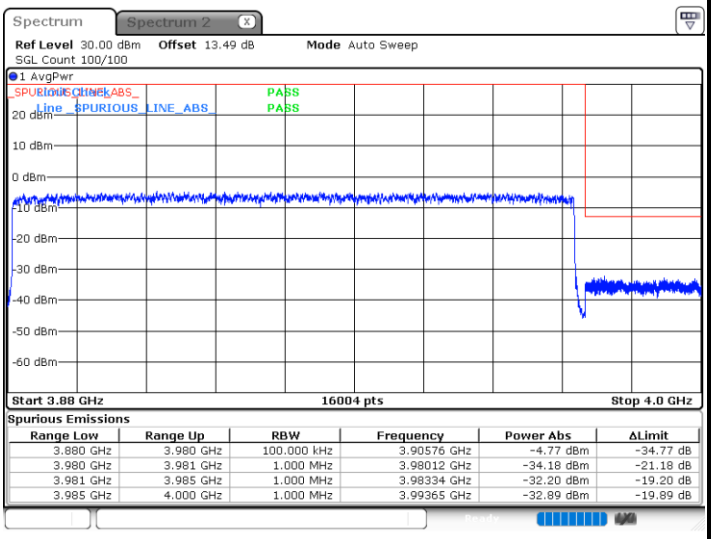


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.68928 GHz	-33.54 dBm	-20.54 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69838 GHz	-31.95 dBm	-18.95 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69998 GHz	-35.21 dBm	-22.21 dB
3.700 GHz	3.800 GHz	100.000 kHz	3.75167 GHz	-3.29 dBm	-33.29 dB

Date: 15.FEB.2022 13:21:15

Highest Band Edge / Full RB



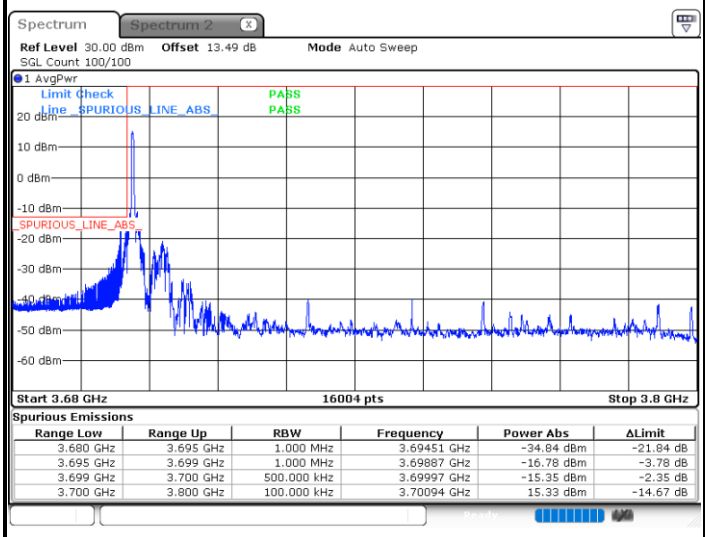
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.880 GHz	3.980 GHz	100.000 kHz	3.90576 GHz	-4.77 dBm	-34.77 dB
3.980 GHz	3.981 GHz	1.000 MHz	3.98012 GHz	-34.18 dBm	-21.18 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98334 GHz	-32.20 dBm	-19.20 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.99365 GHz	-32.89 dBm	-19.89 dB

Date: 15.FEB.2022 13:36:20

FR1 n77 / 100MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

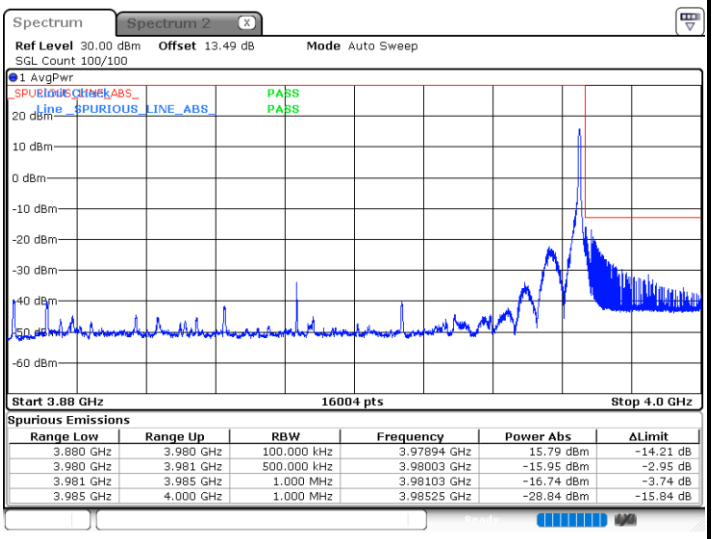


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69451 GHz	-34.84 dBm	-21.84 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69887 GHz	-16.78 dBm	-3.78 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69997 GHz	-15.35 dBm	-2.35 dB
3.700 GHz	3.800 GHz	100.000 kHz	3.70094 GHz	15.33 dBm	-14.67 dB

Date: 15.FEB.2022 13:16:49

Highest Band Edge / 1RBmax

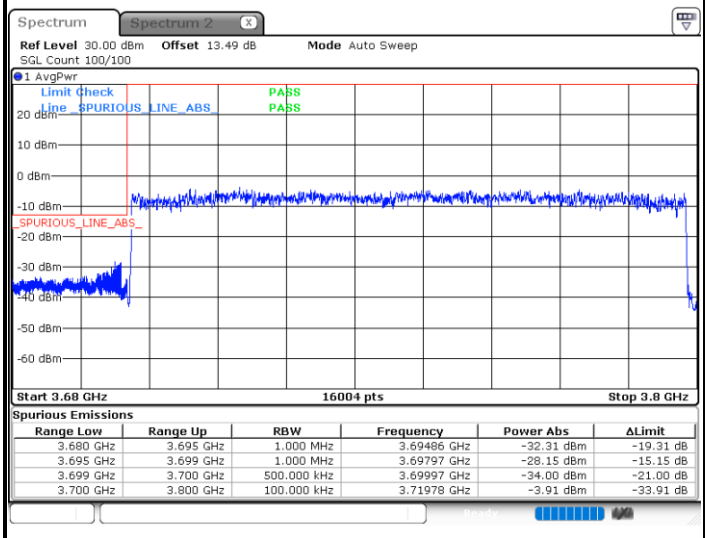


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.880 GHz	3.980 GHz	100.000 kHz	3.97894 GHz	15.79 dBm	-14.21 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98003 GHz	-15.95 dBm	-2.95 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98103 GHz	-16.74 dBm	-3.74 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98525 GHz	-28.84 dBm	-15.84 dB

Date: 15.FEB.2022 13:50:33

Lowest Band Edge / Full RB

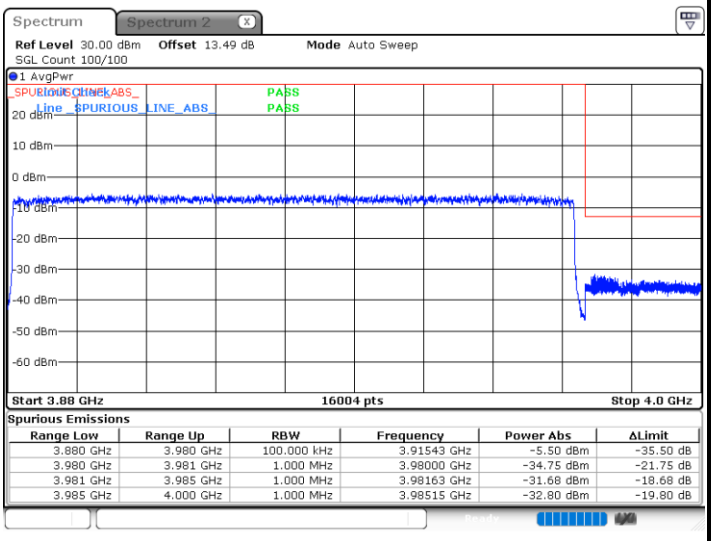


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69486 GHz	-32.31 dBm	-19.31 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69797 GHz	-28.15 dBm	-15.15 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69997 GHz	-34.00 dBm	-21.00 dB
3.700 GHz	3.800 GHz	100.000 kHz	3.71978 GHz	-3.91 dBm	-33.91 dB

Date: 15.FEB.2022 13:20:28

Highest Band Edge / Full RB



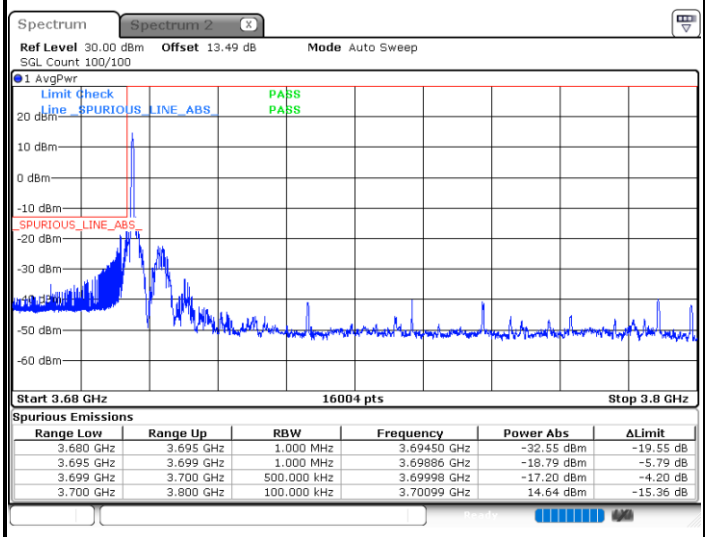
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.880 GHz	3.980 GHz	100.000 kHz	3.91543 GHz	-5.50 dBm	-35.50 dB
3.980 GHz	3.981 GHz	1.000 MHz	3.98000 GHz	-34.75 dBm	-21.75 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98163 GHz	-31.68 dBm	-18.68 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98515 GHz	-32.80 dBm	-19.80 dB

Date: 15.FEB.2022 13:36:58

FR1 n77 /100MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

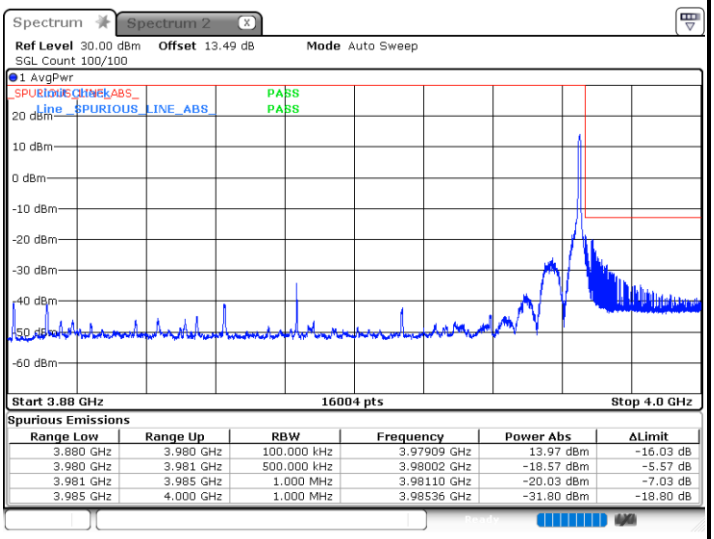


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69450 GHz	-32.55 dBm	-19.55 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69886 GHz	-18.79 dBm	-5.79 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69998 GHz	-17.20 dBm	-4.20 dB
3.700 GHz	3.800 GHz	100.000 kHz	3.70099 GHz	14.64 dBm	-15.36 dB

Date: 15.FEB.2022 13:17:45

Highest Band Edge / 1RBmax

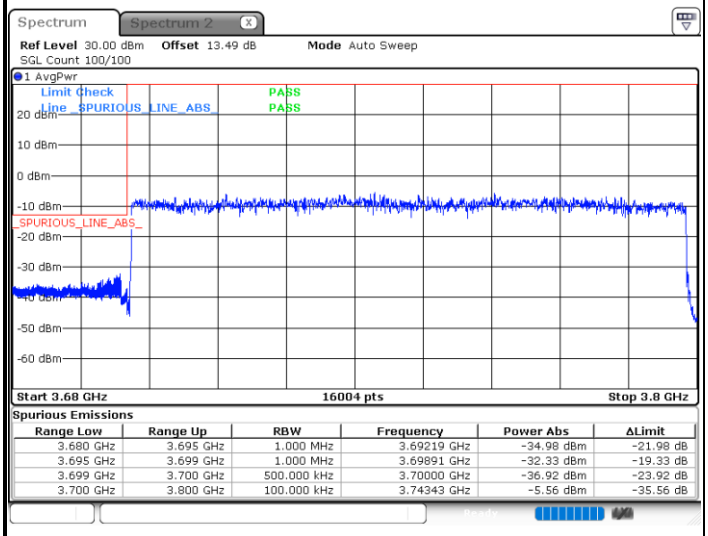


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.880 GHz	3.980 GHz	100.000 kHz	3.97909 GHz	13.97 dBm	-16.03 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98002 GHz	-18.57 dBm	-5.57 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98110 GHz	-20.03 dBm	-7.03 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98536 GHz	-31.80 dBm	-18.80 dB

Date: 15.FEB.2022 13:49:50

Lowest Band Edge / Full RB

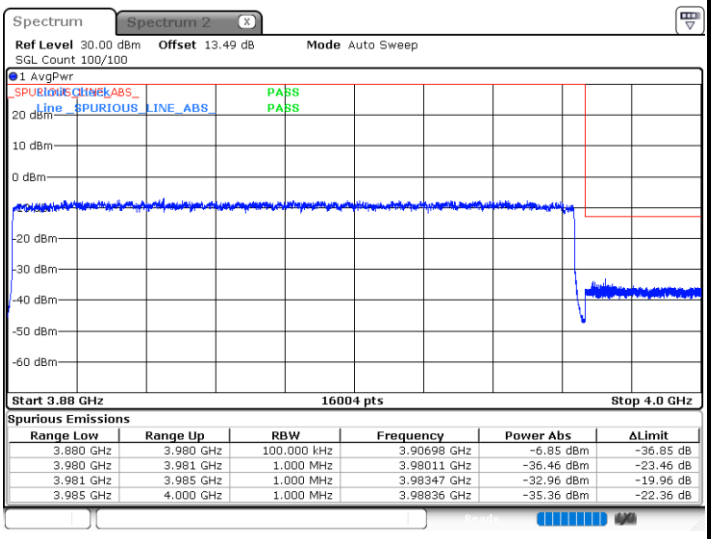


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69219 GHz	-34.98 dBm	-21.98 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69891 GHz	-32.33 dBm	-19.33 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.70000 GHz	-36.92 dBm	-23.92 dB
3.700 GHz	3.800 GHz	100.000 kHz	3.74343 GHz	-5.56 dBm	-35.56 dB

Date: 15.FEB.2022 13:19:42

Highest Band Edge / Full RB



Spurious Emissions

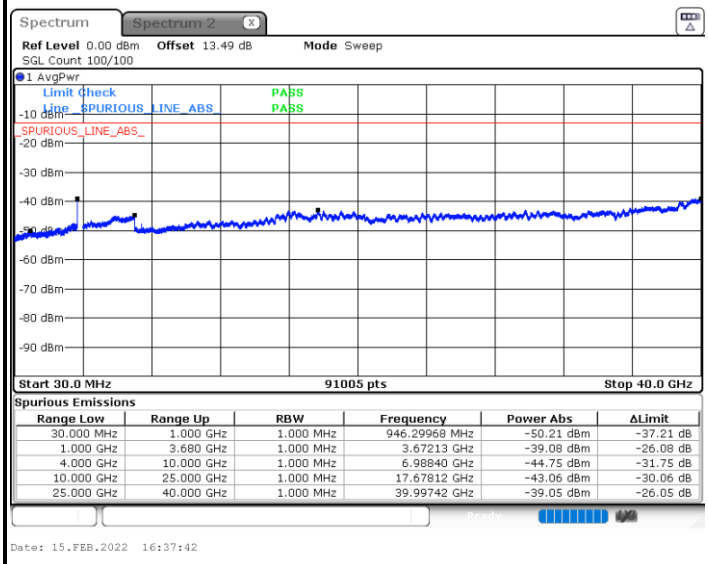
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.880 GHz	3.980 GHz	100.000 kHz	3.90698 GHz	-6.85 dBm	-36.85 dB
3.980 GHz	3.981 GHz	1.000 MHz	3.98011 GHz	-36.46 dBm	-23.46 dB
3.981 GHz	3.985 GHz	1.000 MHz	3.98347 GHz	-32.96 dBm	-19.96 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98836 GHz	-35.36 dBm	-22.36 dB

Date: 15.FEB.2022 13:47:21

Conducted Spurious Emission

FR1 n77 / 60MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

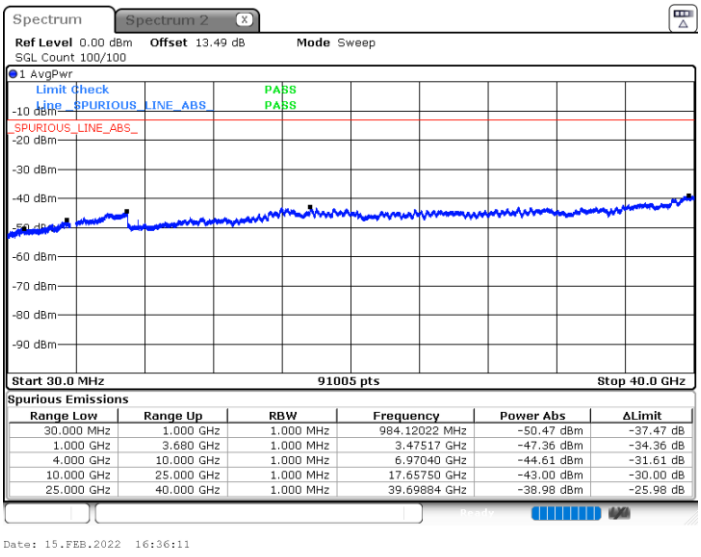


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.29968 MHz	-50.21 dBm	-37.21 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.67213 GHz	-39.08 dBm	-26.08 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.98840 GHz	-44.75 dBm	-31.75 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.67812 GHz	-43.06 dBm	-30.06 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99742 GHz	-39.05 dBm	-26.05 dB

Date: 15.FEB.2022 16:37:42

Middle Channel / 1RB1

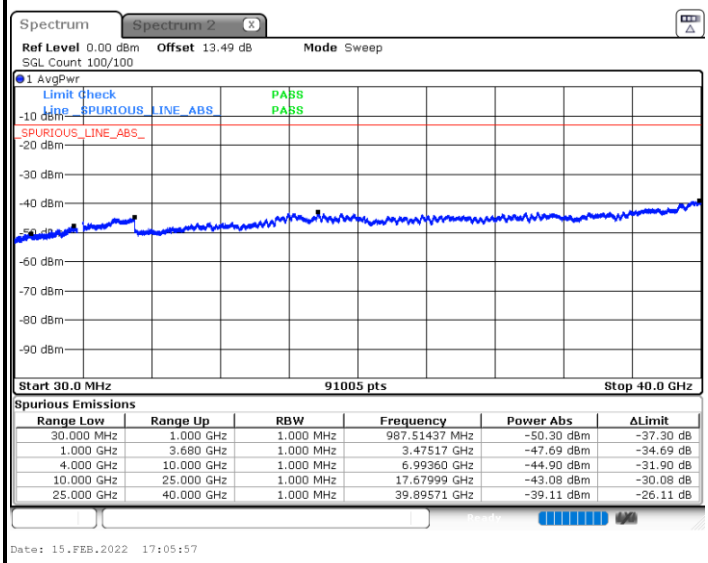


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.12022 MHz	-50.47 dBm	-37.47 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.47517 GHz	-47.36 dBm	-34.36 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.97040 GHz	-44.61 dBm	-31.61 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.65750 GHz	-43.00 dBm	-30.00 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.69884 GHz	-38.98 dBm	-25.98 dB

Date: 15.FEB.2022 16:36:11

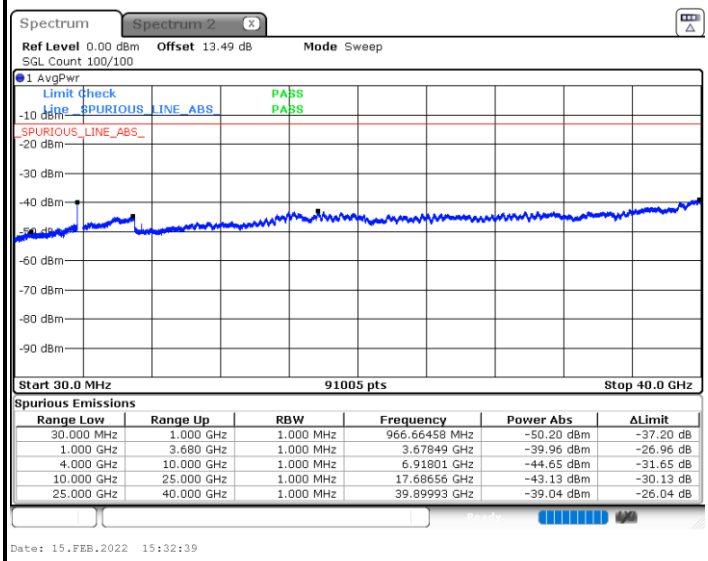
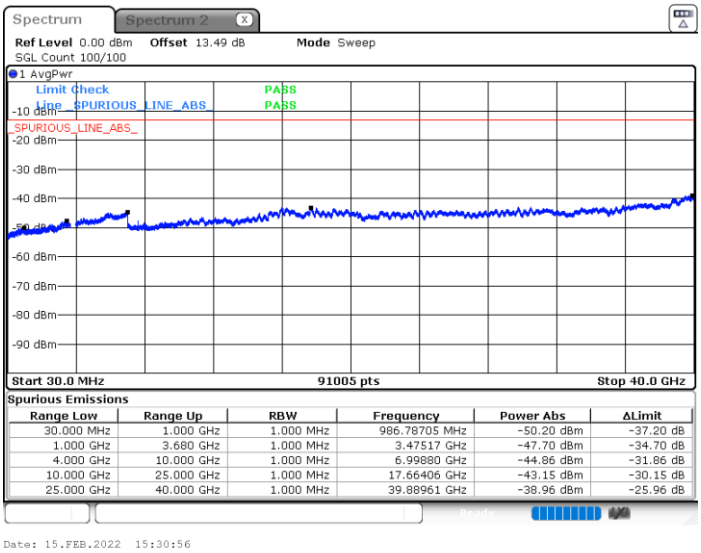
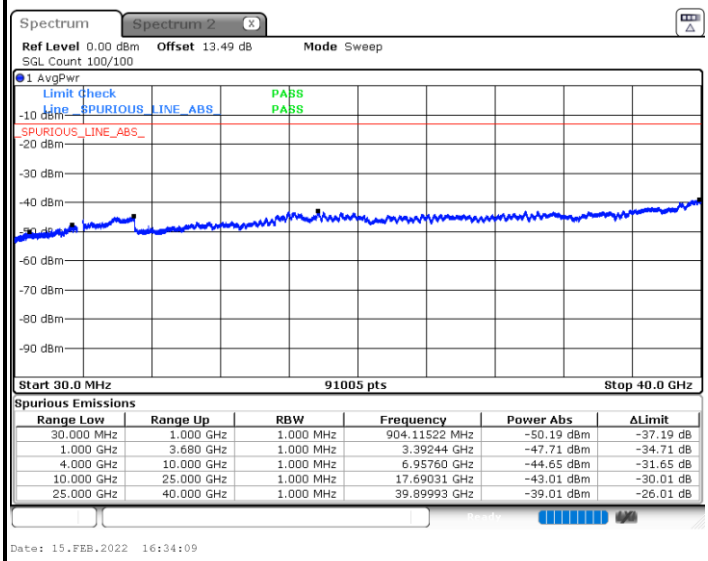
Highest Channel / 1RB1

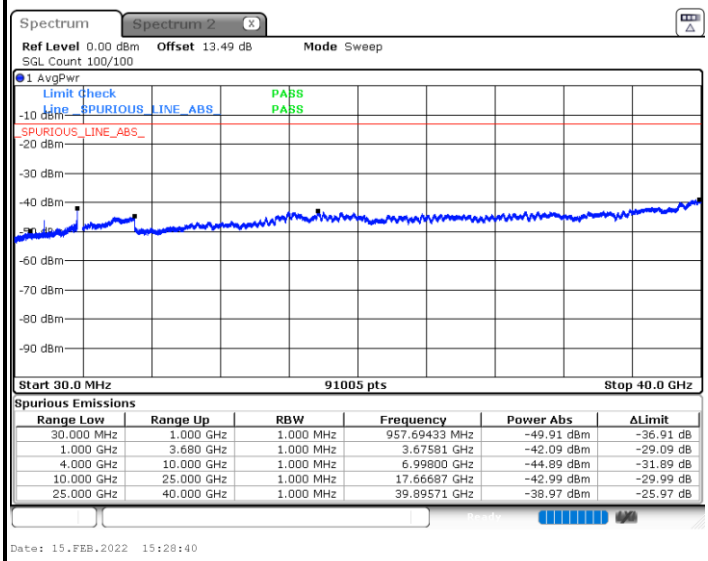
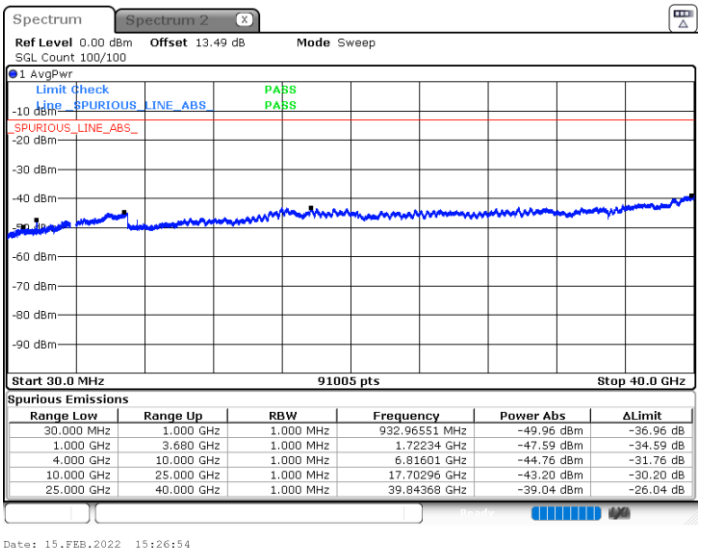
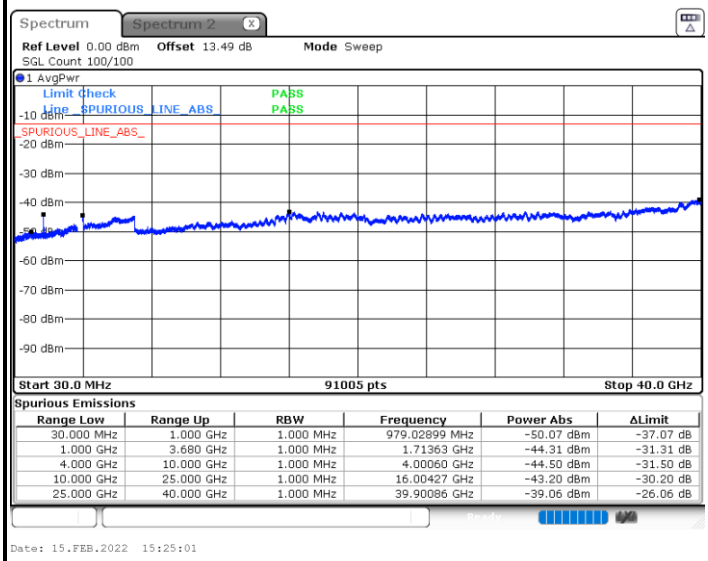


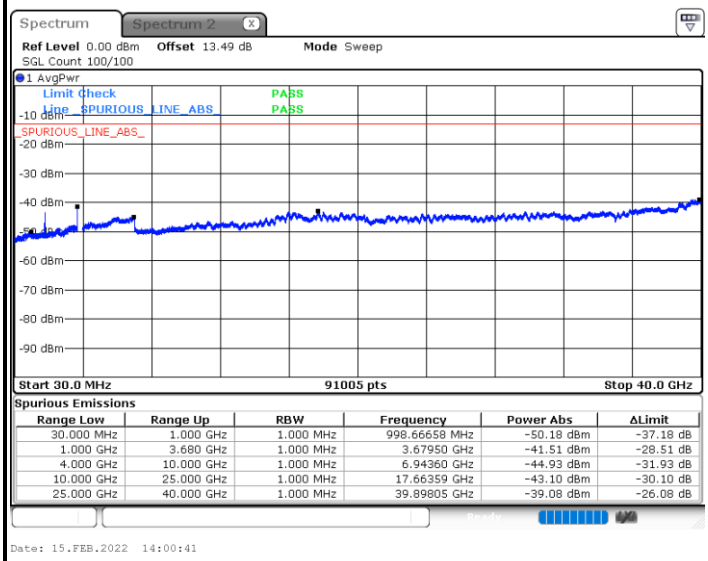
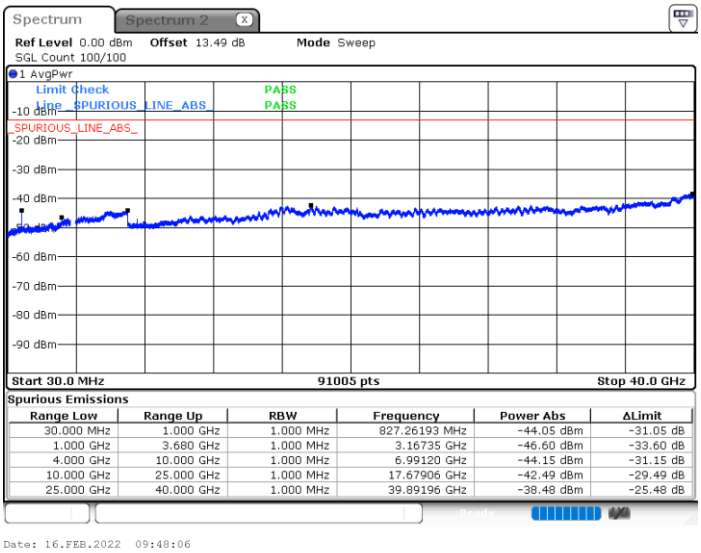
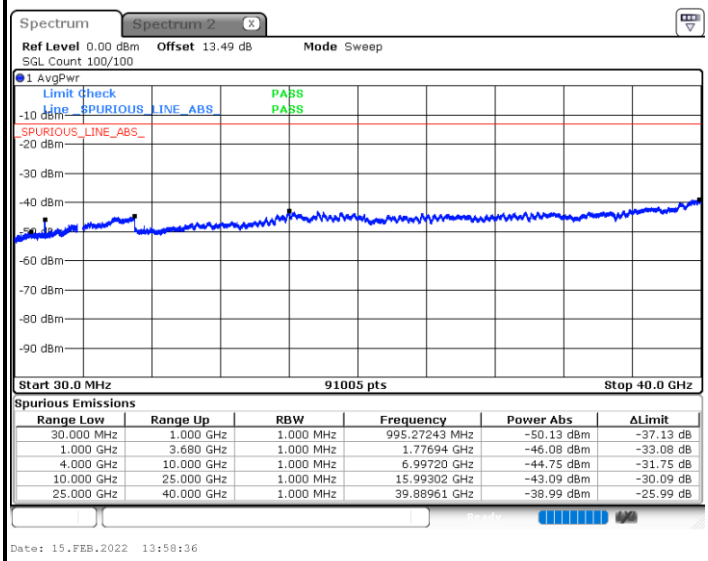
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.51437 MHz	-50.30 dBm	-37.30 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.47517 GHz	-47.69 dBm	-34.69 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.99360 GHz	-44.90 dBm	-31.90 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.67999 GHz	-43.08 dBm	-30.08 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.89571 GHz	-39.11 dBm	-26.11 dB

Date: 15.FEB.2022 17:05:57

FR1 n77 / 80MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**
	
Highest Channel / 1RB1	
	

FR1 n77 / 90MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**
	
Highest Channel / 1RB1	
	

FR1 n77 / 100MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**
	
Highest Channel / 1RB1	
	

Frequency Stability

Test Conditions		FR1 n41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 100MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0051	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0041	
20	Battery End Point	0.0045	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

Note: Pre-scanned harmonic for testing, we choose the worst antenna mode to test.

SA n77 / 100MHz / QPSK / ANT3								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7584	-52.62	-13	-39.62	-63.10	2.76	13.24	H
	11376	-48.20	-13	-35.20	-57.79	3.42	13.01	H
	15168	-59.33	-13	-46.33	-68.94	3.83	13.44	H
	7584	-54.11	-13	-41.11	-64.55	2.80	13.24	V
	11376	-47.05	-13	-34.05	-56.60	3.46	13.01	V
	15168	-56.49	-13	-43.49	-66.05	3.88	13.44	V

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

EN-DC_41A_n77A / LTE 10MHz + NR 100MHz / QPSK / ANT2(LTE) & ANT3(NR)								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7584	-53.20	-13	-40.20	-63.68	2.76	13.24	H
	11376	-49.23	-13	-36.23	-58.82	3.42	13.01	H
	15168	-57.73	-13	-44.73	-67.34	3.83	13.44	H
	7584	-57.60	-13	-44.60	-68.04	2.80	13.24	V
	11376	-53.02	-13	-40.02	-62.57	3.46	13.01	V
	15168	-57.72	-13	-44.72	-67.28	3.88	13.44	V

Remark:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.
2. For NSA mode of RSE testing, we only choose the combination of the maximum power among all NSA combinations to test.