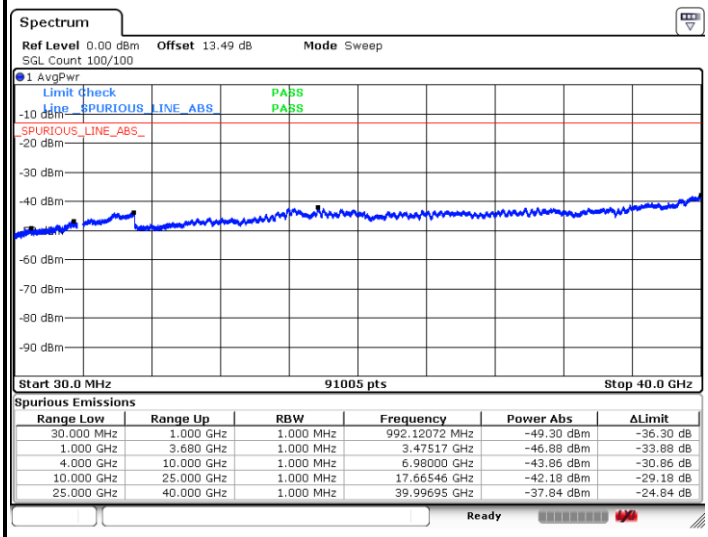
FR1 n77 / 40MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

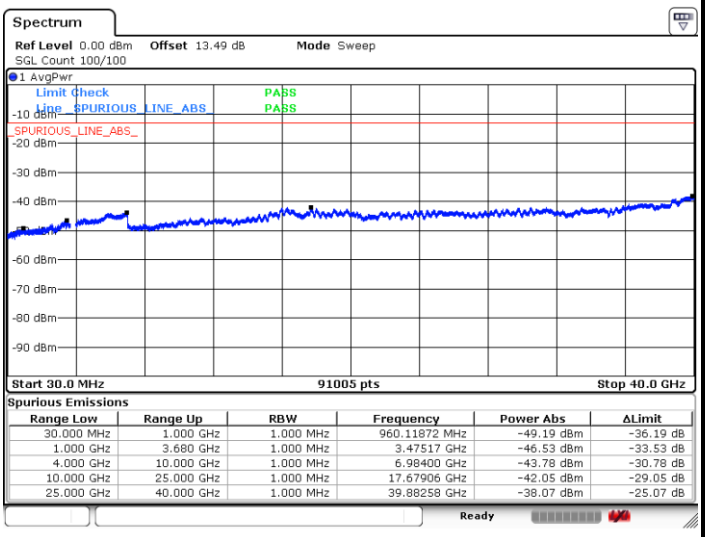


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.12072 MHz	-49.30 dBm	-36.30 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.47517 GHz	-46.88 dBm	-33.88 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.98000 GHz	-43.86 dBm	-30.86 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.66546 GHz	-42.18 dBm	-29.18 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99695 GHz	-37.84 dBm	-24.84 dB

Date: 26.JAN.2021 15:34:57

Middle Channel / 1RB1

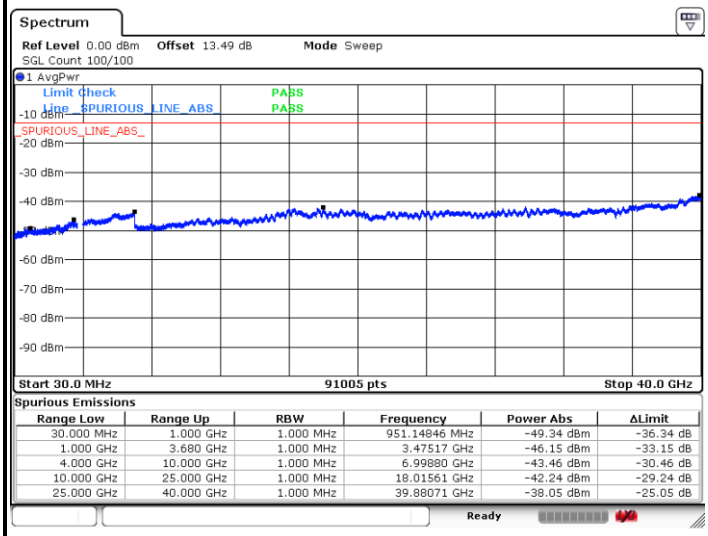


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.11872 MHz	-49.19 dBm	-36.19 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.47517 GHz	-46.53 dBm	-33.53 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.98400 GHz	-43.78 dBm	-30.78 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.67906 GHz	-42.05 dBm	-29.05 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.88258 GHz	-38.07 dBm	-25.07 dB

Date: 26.JAN.2021 15:36:08

Highest Channel / 1RB1

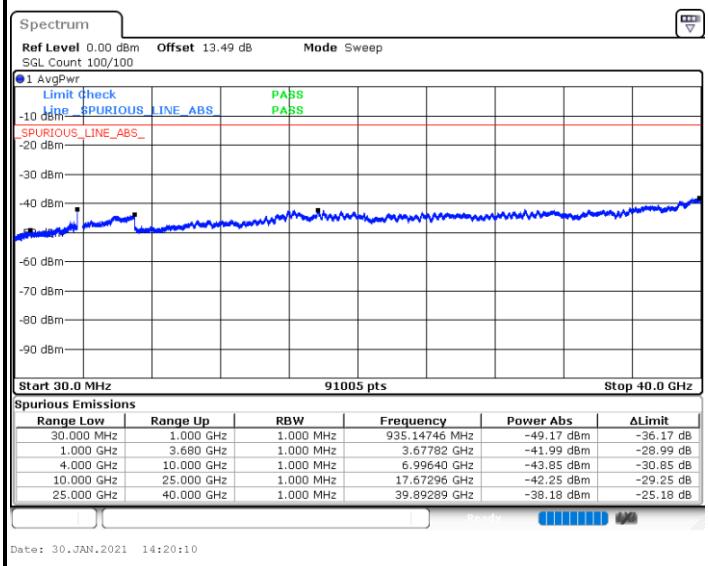


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	951.14846 MHz	-49.34 dBm	-36.34 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.47517 GHz	-46.15 dBm	-33.15 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.99880 GHz	-43.46 dBm	-30.46 dB
10.000 GHz	25.000 GHz	1.000 MHz	18.01561 GHz	-42.24 dBm	-29.24 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.88071 GHz	-38.05 dBm	-25.05 dB

Date: 26.JAN.2021 15:37:17

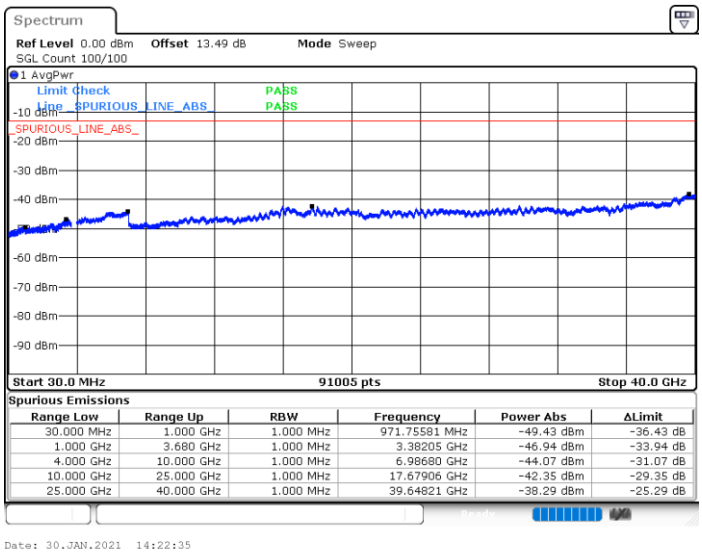
FR1 n77 / 50MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.14746 MHz	-49.17 dBm	-36.17 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.67782 GHz	-41.99 dBm	-28.99 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.99640 GHz	-43.85 dBm	-30.85 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.67296 GHz	-42.25 dBm	-29.25 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.89289 GHz	-38.18 dBm	-25.18 dB

Date: 30.JAN.2021 14:20:10

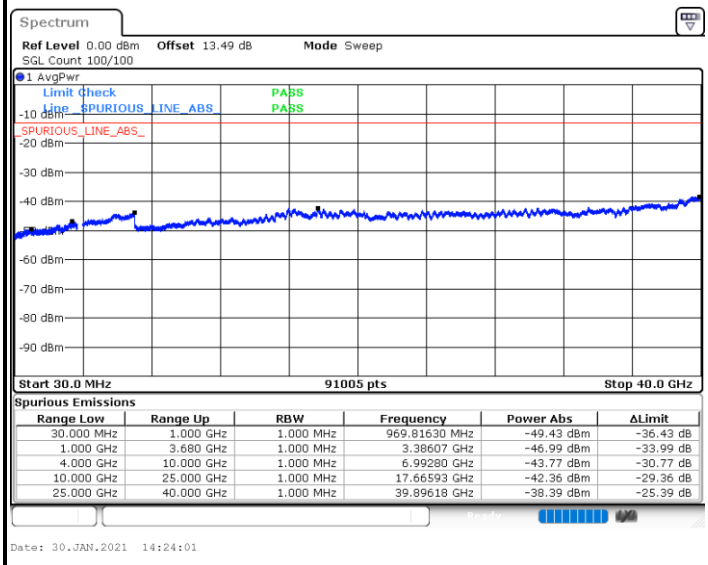


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.75581 MHz	-49.43 dBm	-36.43 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.38205 GHz	-46.94 dBm	-33.94 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.98680 GHz	-44.07 dBm	-31.07 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.67906 GHz	-42.35 dBm	-29.35 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.64821 GHz	-38.29 dBm	-25.29 dB

Date: 30.JAN.2021 14:22:35

Highest Channel / 1RB1	

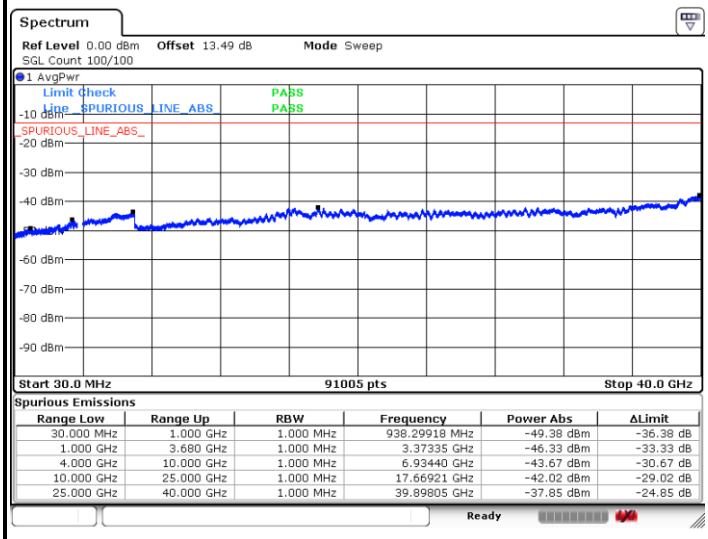


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.81630 MHz	-49.43 dBm	-36.43 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.38607 GHz	-46.99 dBm	-33.99 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.99280 GHz	-43.77 dBm	-30.77 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.66593 GHz	-42.36 dBm	-29.36 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.89618 GHz	-38.39 dBm	-25.39 dB

Date: 30.JAN.2021 14:24:01

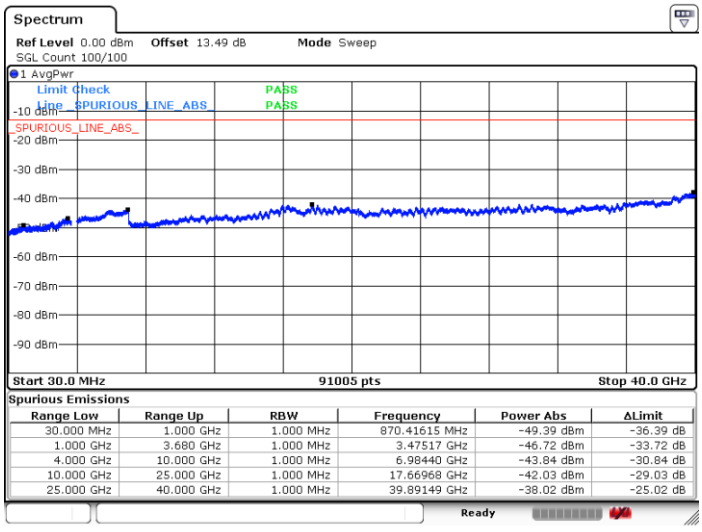
FR1 n77 / 60MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.29918 MHz	-49.38 dBm	-36.38 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.37335 GHz	-46.33 dBm	-33.33 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.93440 GHz	-43.67 dBm	-30.67 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.66921 GHz	-42.02 dBm	-29.02 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.89805 GHz	-37.85 dBm	-24.85 dB

Date: 26.JAN.2021 15:38:43

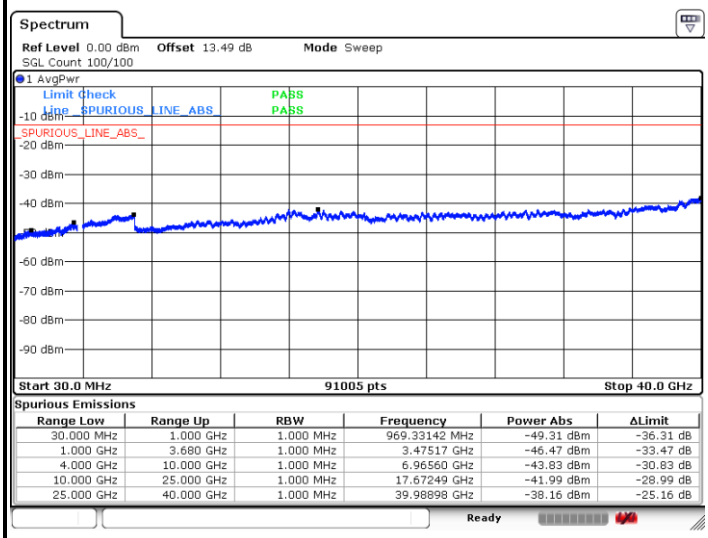


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	870.41615 MHz	-49.39 dBm	-36.39 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.47517 GHz	-46.72 dBm	-33.72 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.98440 GHz	-43.84 dBm	-30.84 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.66968 GHz	-42.03 dBm	-29.03 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.89149 GHz	-38.02 dBm	-25.02 dB

Date: 26.JAN.2021 15:40:00

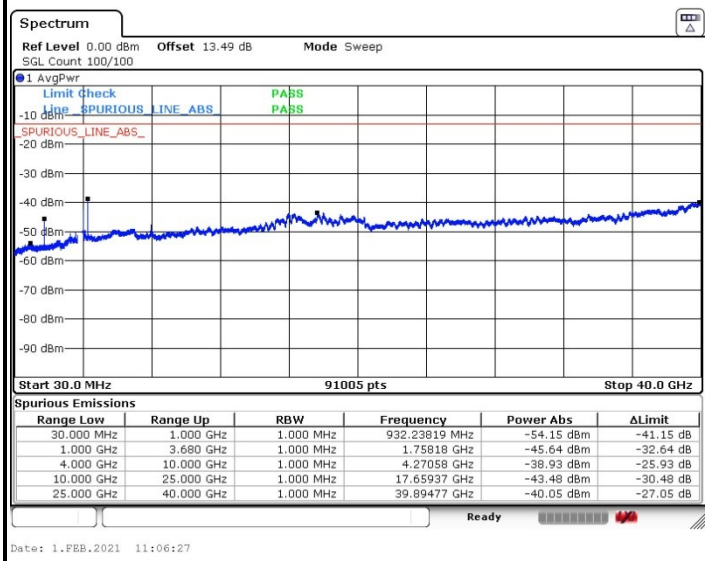
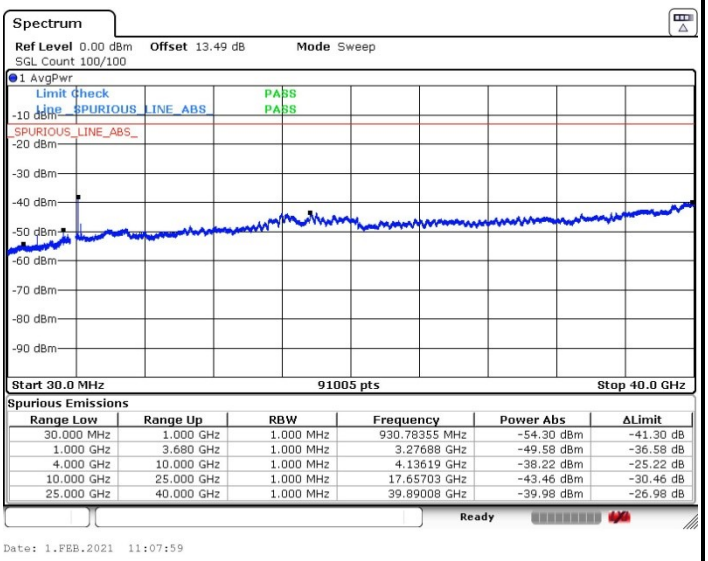
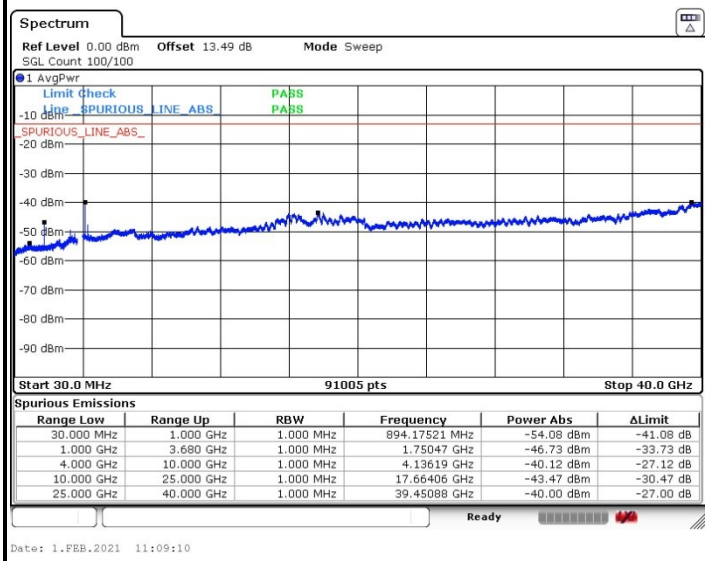
Highest Channel / 1RB1	



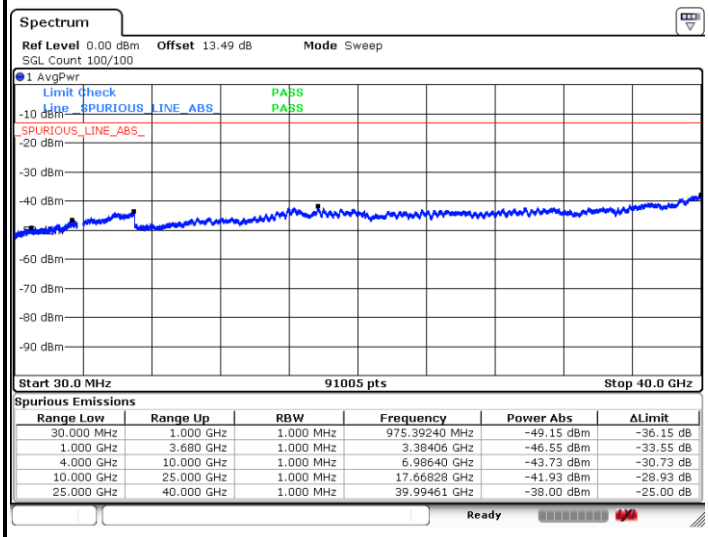
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.33142 MHz	-49.31 dBm	-36.31 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.47517 GHz	-46.47 dBm	-33.47 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.96560 GHz	-43.83 dBm	-30.83 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.67249 GHz	-41.99 dBm	-28.99 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.98898 GHz	-38.16 dBm	-25.16 dB

Date: 26.JAN.2021 15:41:19

FR1 n77 / 70MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**
	
Highest Channel / 1RB1	
	

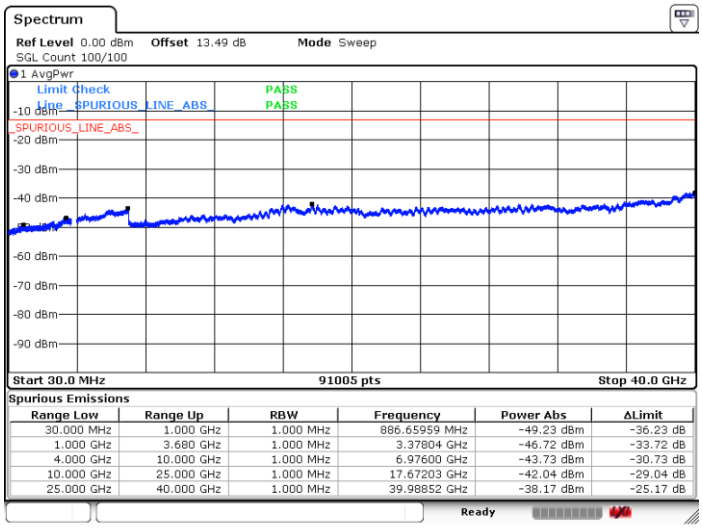
FR1 n77 / 80MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	975.39240 MHz	-49.15 dBm	-36.15 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.38406 GHz	-46.55 dBm	-33.55 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.98640 GHz	-43.73 dBm	-30.73 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.66828 GHz	-41.93 dBm	-28.93 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99461 GHz	-38.00 dBm	-25.00 dB

Date: 26.JAN.2021 15:42:28

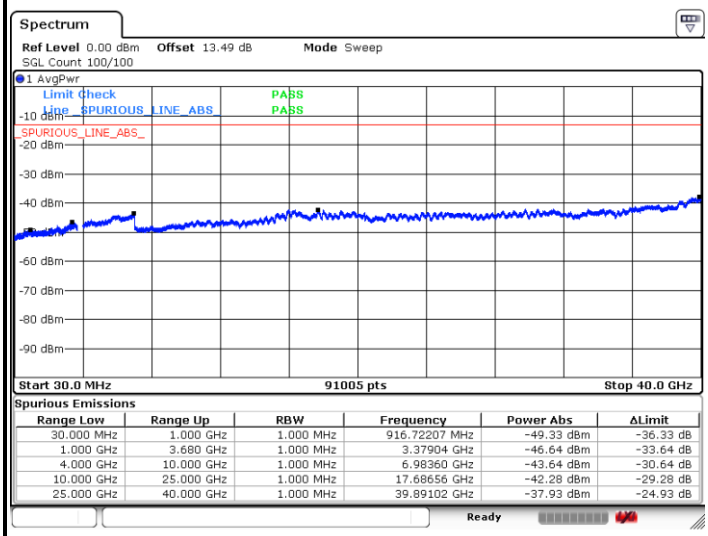


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	886.65959 MHz	-49.23 dBm	-36.23 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.37804 GHz	-46.72 dBm	-33.72 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.97600 GHz	-43.73 dBm	-30.73 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.67203 GHz	-42.04 dBm	-29.04 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.98852 GHz	-38.17 dBm	-25.17 dB

Date: 26.JAN.2021 15:43:34

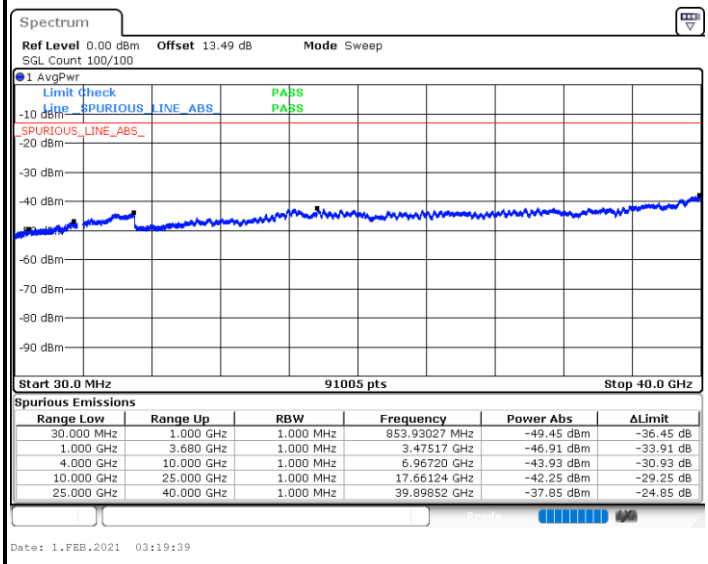
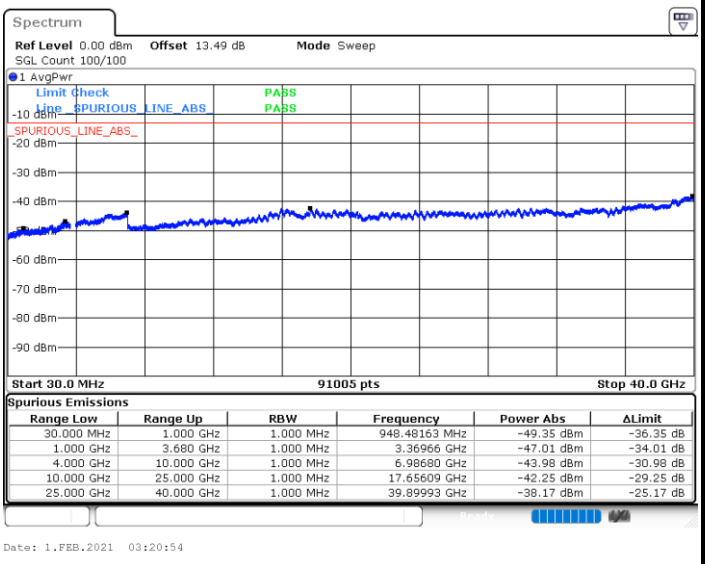
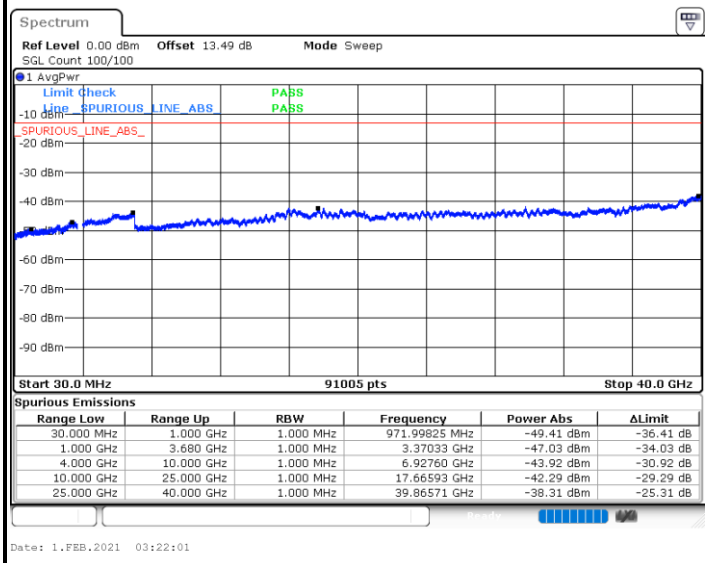
Highest Channel / 1RB1	



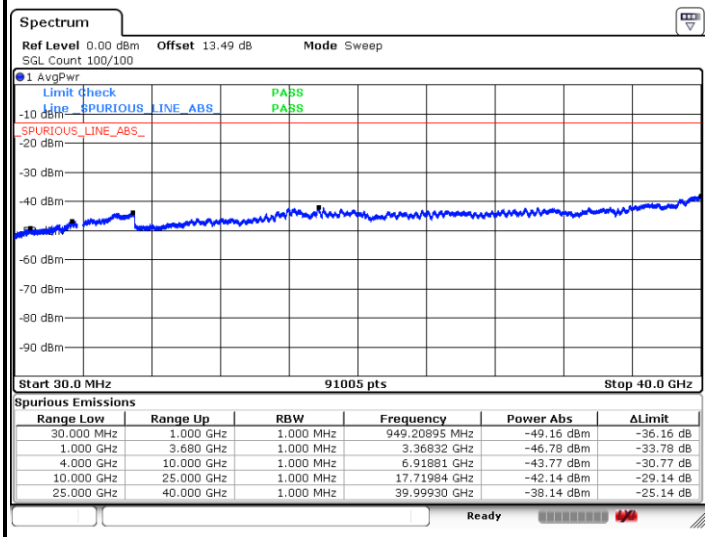
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.72207 MHz	-49.33 dBm	-36.33 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.37904 GHz	-46.64 dBm	-33.64 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.98360 GHz	-43.64 dBm	-30.64 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.68656 GHz	-42.28 dBm	-29.28 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.89102 GHz	-37.93 dBm	-24.93 dB

Date: 26.JAN.2021 15:44:53

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

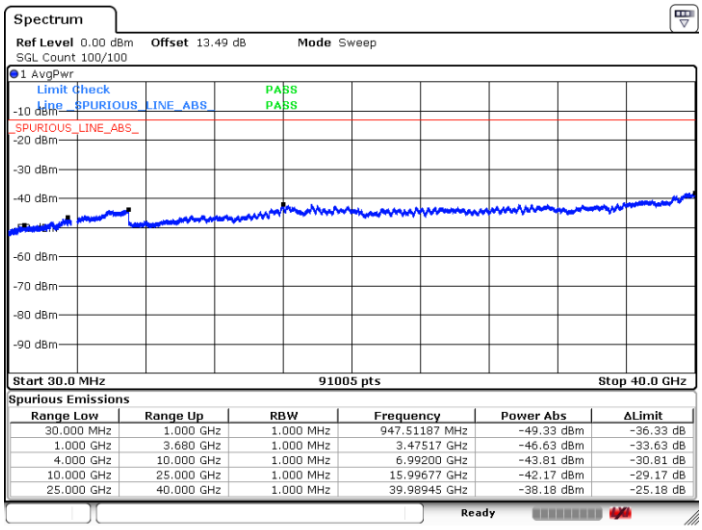
FR1 n77 / 100MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.20895 MHz	-49.16 dBm	-36.16 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.36832 GHz	-46.78 dBm	-33.78 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.91881 GHz	-43.77 dBm	-30.77 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.71984 GHz	-42.14 dBm	-29.14 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99930 GHz	-38.14 dBm	-25.14 dB

Date: 26.JAN.2021 15:46:13

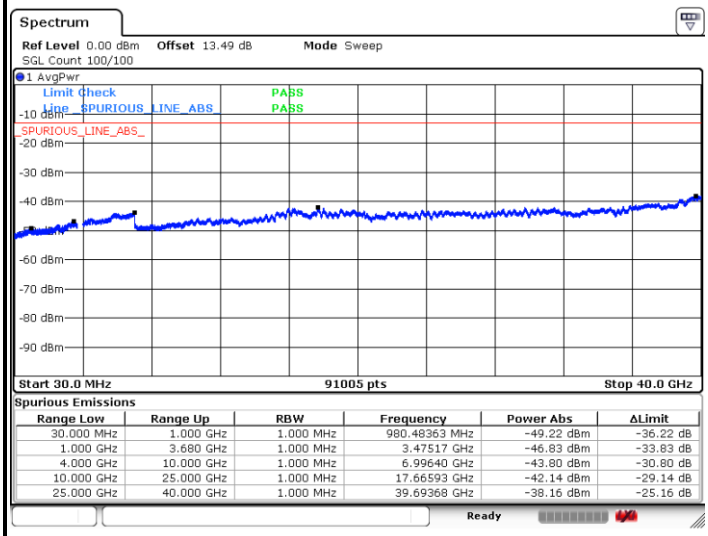


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.51187 MHz	-49.33 dBm	-36.33 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.47517 GHz	-46.63 dBm	-33.63 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.99200 GHz	-43.81 dBm	-30.81 dB
10.000 GHz	25.000 GHz	1.000 MHz	15.99677 GHz	-42.17 dBm	-29.17 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.98945 GHz	-38.18 dBm	-25.18 dB

Date: 26.JAN.2021 15:47:32

Highest Channel / 1RB1	



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.48363 MHz	-49.22 dBm	-36.22 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.47517 GHz	-46.83 dBm	-33.83 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.99640 GHz	-43.80 dBm	-30.80 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.66593 GHz	-42.14 dBm	-29.14 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.69368 GHz	-38.16 dBm	-25.16 dB

Date: 26.JAN.2021 15:48:47

Frequency Stability

Test Conditions		FR1 n77 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 100MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0021	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

5G NR n77 Ant.8 for PA

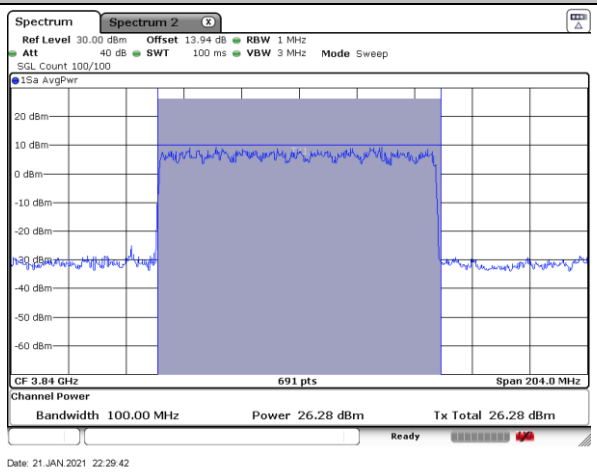
Peak-to-Average Ratio

Mode	FR1 n77 / 100MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.75	5.01	5.14	4.86	PASS
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	4.89				PASS

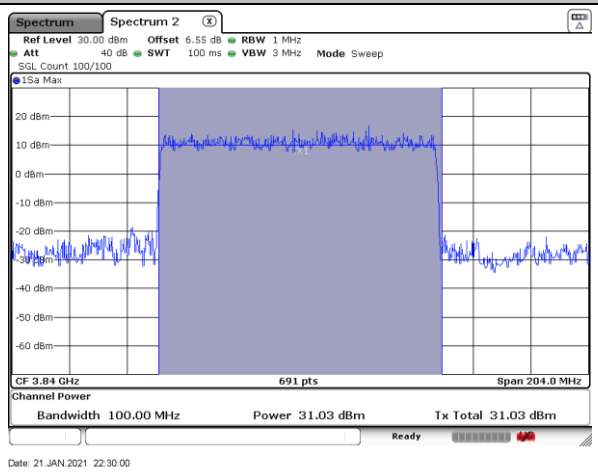
Note：PAR=Peak-Average

FR1 n77 / 100MHz / DFT-S OFDM

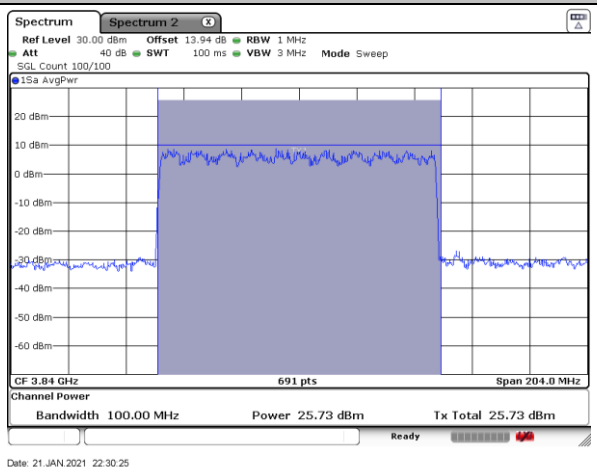
BPSK-A



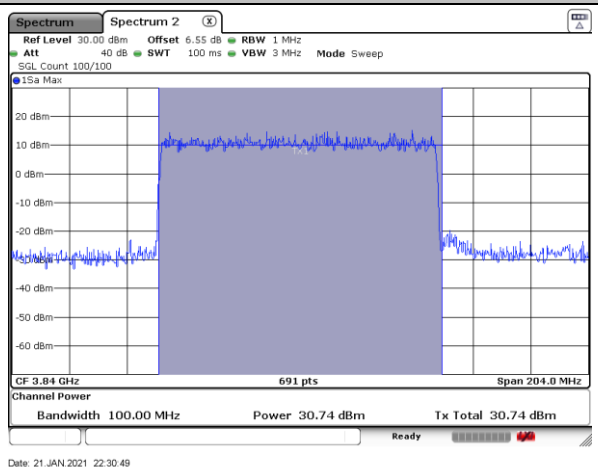
BPSK-P

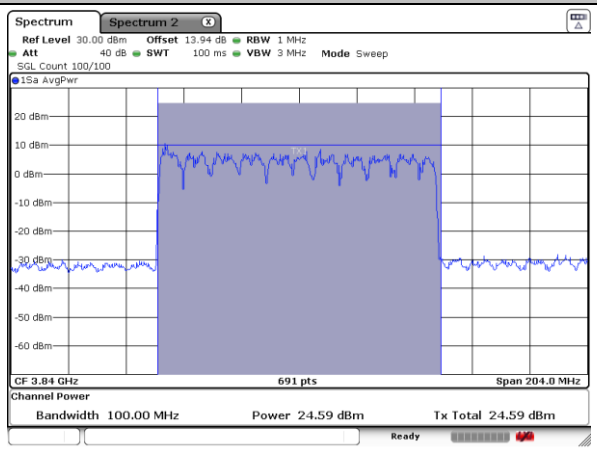
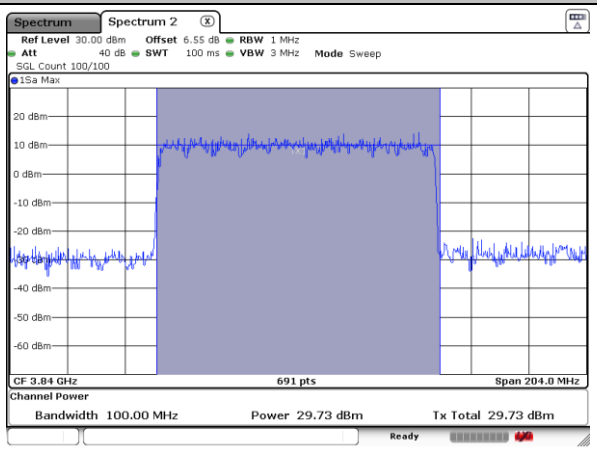
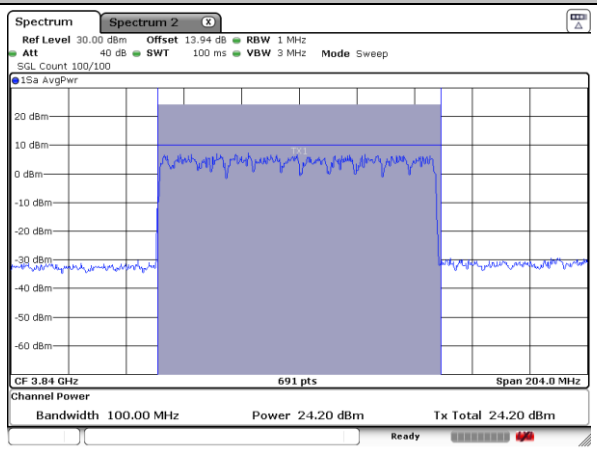
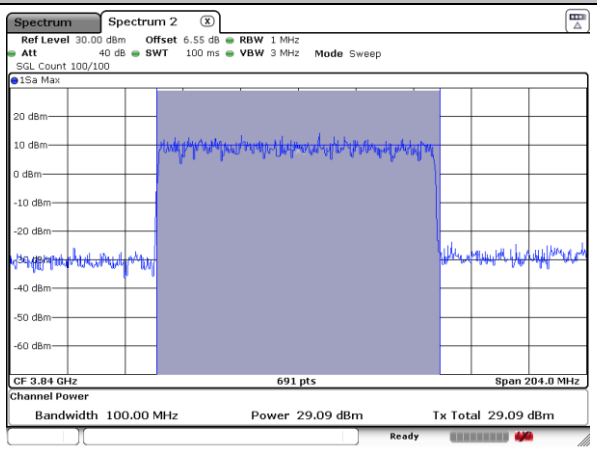
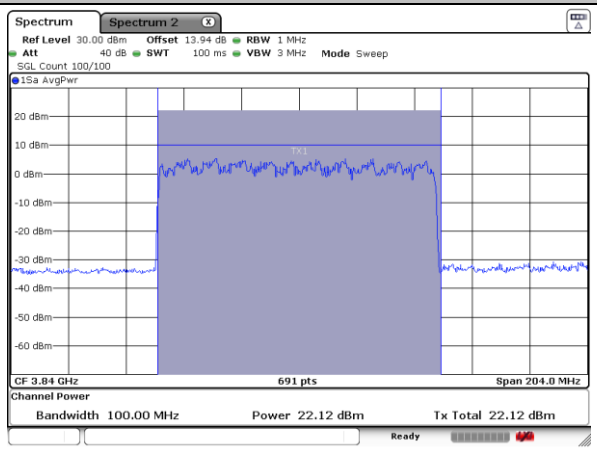
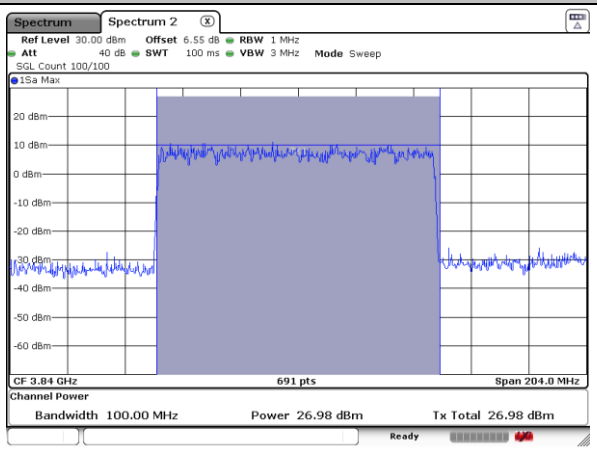


QPSK-A



QPSK-P

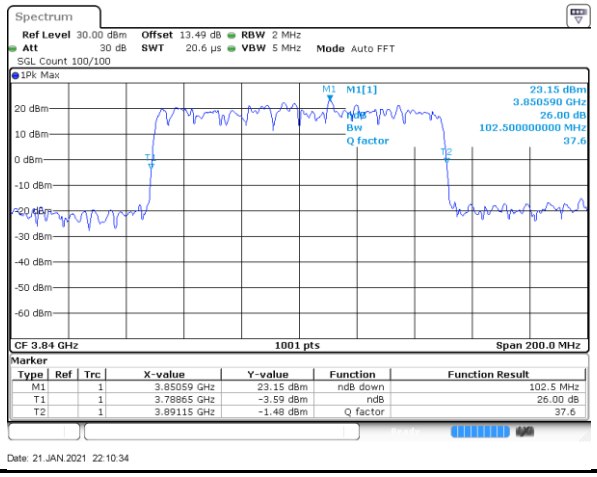


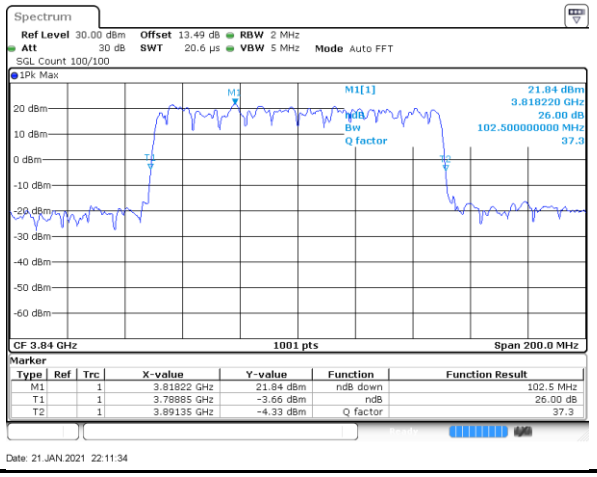
16QAM-A	16QAM-P
	
64QAM-A	64QAM-P
	
256QAM-A	256QAM-P
	

26dB Bandwidth

Mode	FR1 n77 : 26dB BW(MHz) / CP OFDM	
BW	100MHz	
Mod.	QPSK	16QAM
Middle CH	102.5	102.5

FR1 n77 / 100MHz / CP OFDM	
QPSK	16QAM

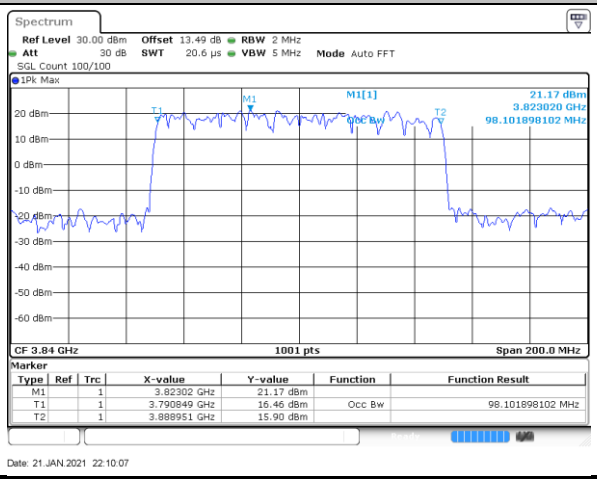


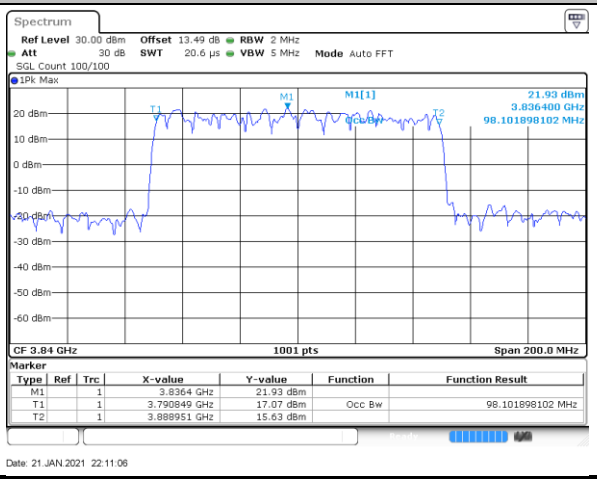


Occupied Bandwidth

Mode	FR1 n77 : 99%OBW(MHz) / CP OFDM	
BW	100MHz	
Mod.	QPSK	16QAM
Middle CH	98.10	98.10

FR1 n77 / 100MHz / CP OFDM	
QPSK	16QAM

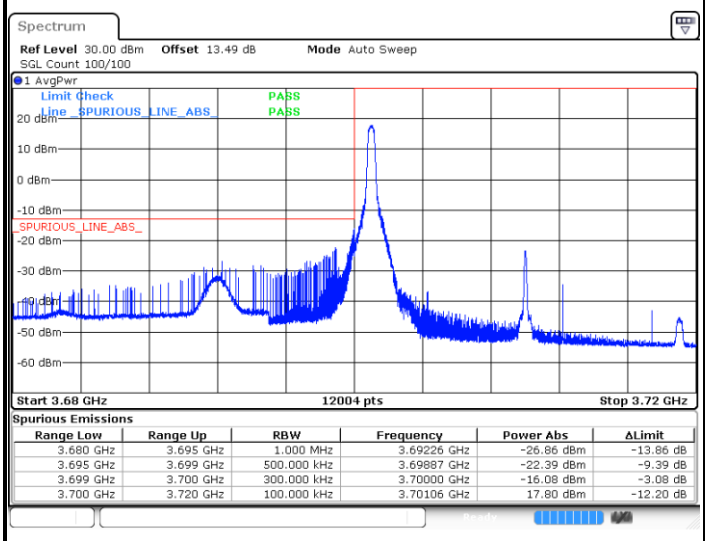




Conducted Band Edge

FR1 n77 / 20MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

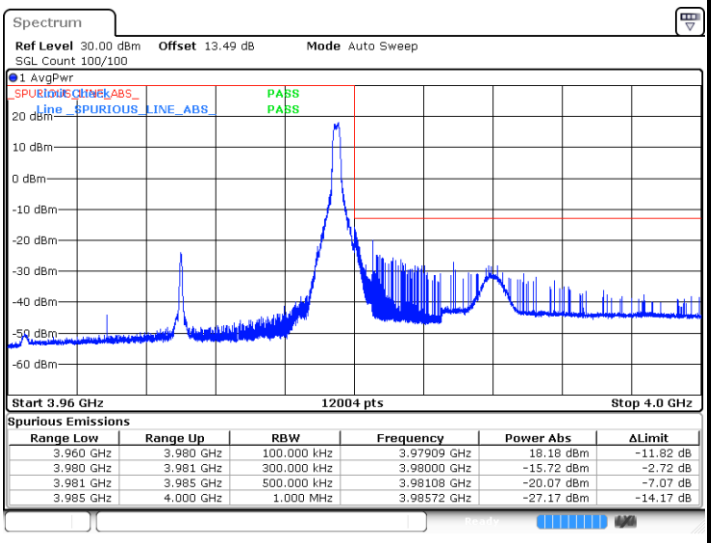


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69226 GHz	-26.86 dBm	-13.86 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69887 GHz	-22.39 dBm	-9.39 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.70000 GHz	-16.08 dBm	-3.08 dB
3.700 GHz	3.720 GHz	100.000 kHz	3.70106 GHz	17.80 dBm	-12.20 dB

Date: 21.JAN.2021 15:00:44

Highest Band Edge / 1RBmax

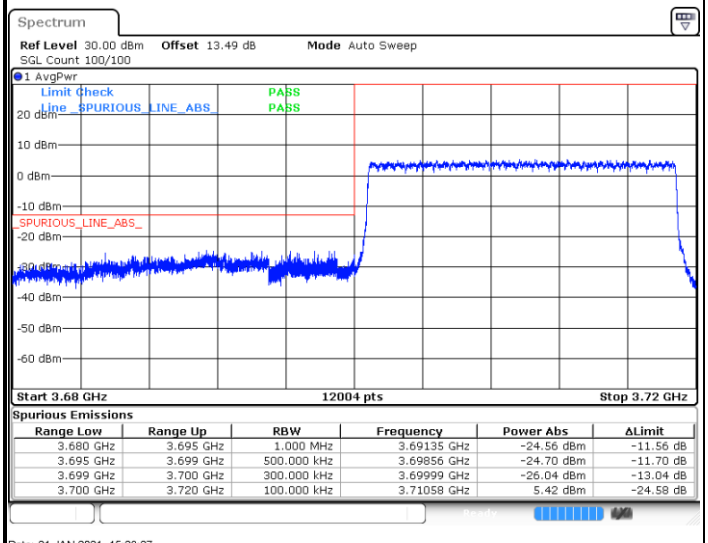


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.960 GHz	3.980 GHz	100.000 kHz	3.97909 GHz	18.18 dBm	-11.82 dB
3.980 GHz	3.981 GHz	300.000 kHz	3.98000 GHz	-15.72 dBm	-2.72 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98108 GHz	-20.07 dBm	-7.07 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98572 GHz	-27.17 dBm	-14.17 dB

Date: 21.JAN.2021 16:04:15

Lowest Band Edge / Full RB

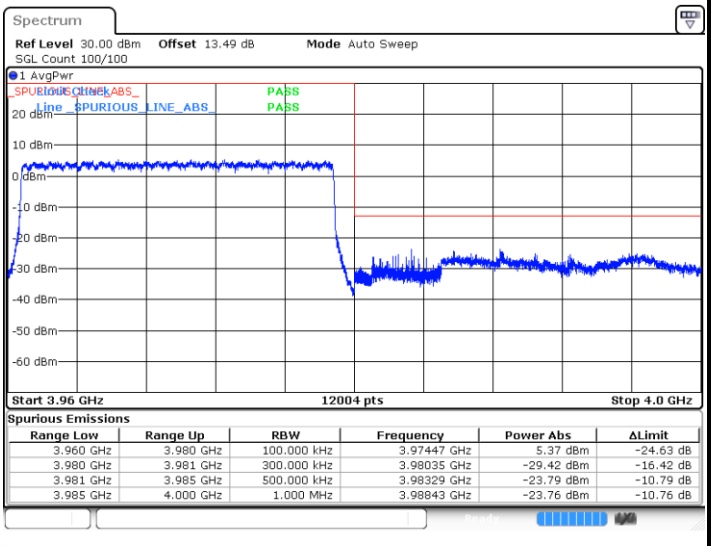


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69135 GHz	-24.56 dBm	-11.56 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69856 GHz	-24.70 dBm	-11.70 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69999 GHz	-26.04 dBm	-13.04 dB
3.700 GHz	3.720 GHz	100.000 kHz	3.71058 GHz	5.42 dBm	-24.58 dB

Date: 21.JAN.2021 15:28:27

Highest Band Edge / Full RB



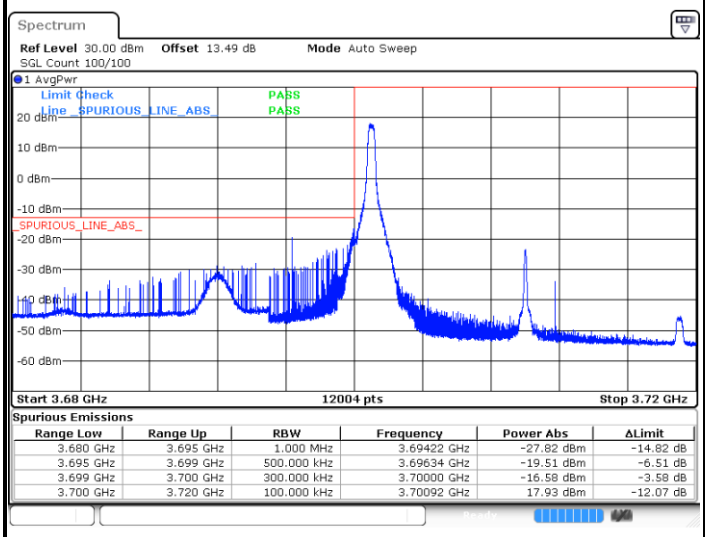
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.960 GHz	3.980 GHz	100.000 kHz	3.97447 GHz	5.37 dBm	-24.63 dB
3.980 GHz	3.981 GHz	300.000 kHz	3.98035 GHz	-29.42 dBm	-16.42 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98329 GHz	-23.79 dBm	-10.79 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98843 GHz	-23.76 dBm	-10.76 dB

Date: 21.JAN.2021 16:03:28

FR1 n77 / 20MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

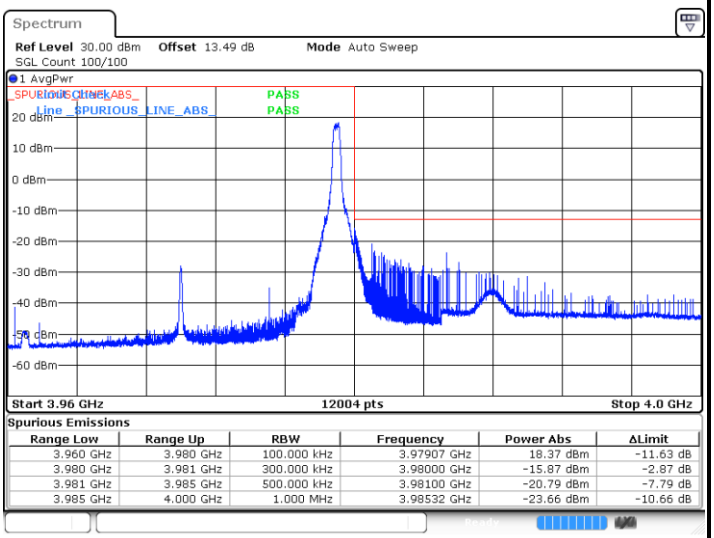


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69422 GHz	-27.82 dBm	-14.82 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69634 GHz	-19.51 dBm	-6.51 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.70000 GHz	-16.58 dBm	-3.58 dB
3.700 GHz	3.720 GHz	100.000 kHz	3.70092 GHz	17.93 dBm	-12.07 dB

Date: 21.JAN.2021 15:02:36

Highest Band Edge / 1RBmax

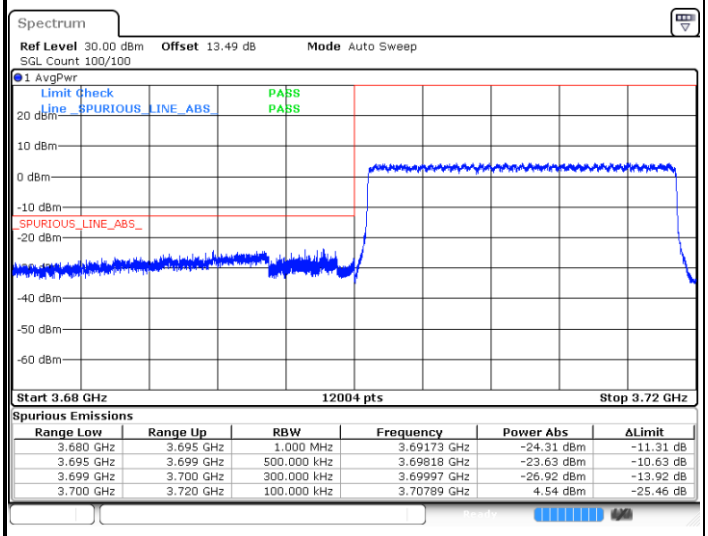


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.960 GHz	3.980 GHz	100.000 kHz	3.97907 GHz	18.37 dBm	-11.63 dB
3.980 GHz	3.981 GHz	300.000 kHz	3.98000 GHz	-15.87 dBm	-2.87 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98100 GHz	-20.79 dBm	-7.79 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98532 GHz	-23.66 dBm	-10.66 dB

Date: 21.JAN.2021 15:56:23

Lowest Band Edge / Full RB

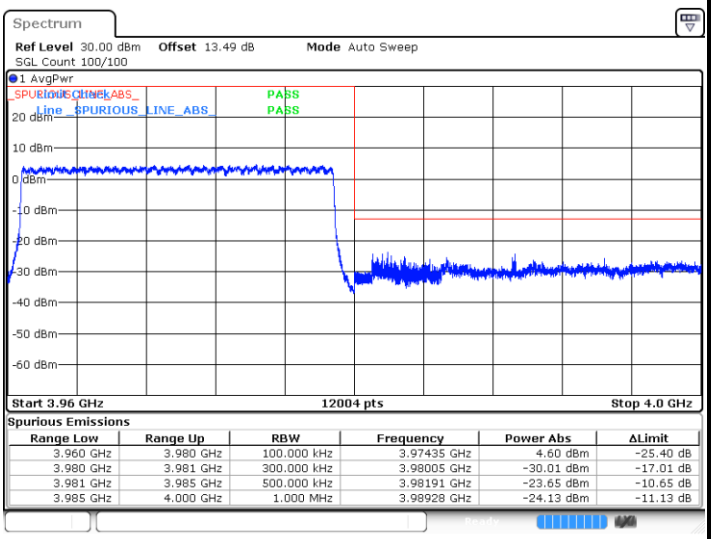


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69173 GHz	-24.31 dBm	-11.31 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69818 GHz	-23.63 dBm	-10.63 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69997 GHz	-26.92 dBm	-13.92 dB
3.700 GHz	3.720 GHz	100.000 kHz	3.70789 GHz	4.54 dBm	-25.46 dB

Date: 21.JAN.2021 15:29:10

Highest Band Edge / Full RB



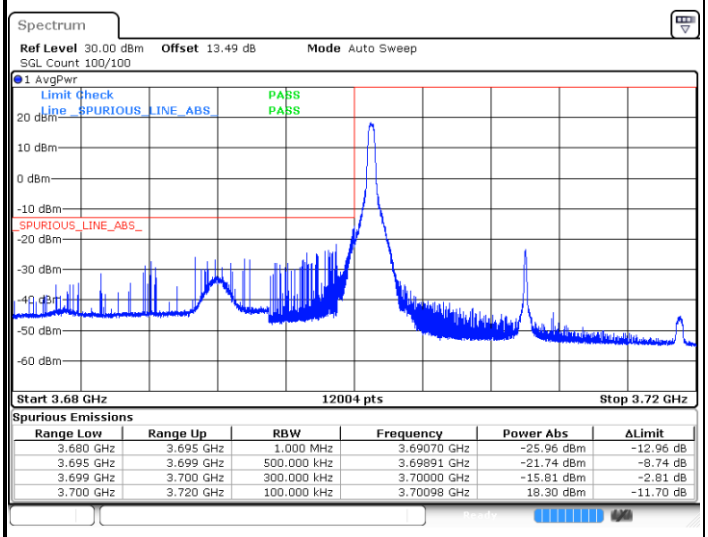
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.960 GHz	3.980 GHz	100.000 kHz	3.97435 GHz	4.60 dBm	-25.40 dB
3.980 GHz	3.981 GHz	300.000 kHz	3.98005 GHz	-30.01 dBm	-17.01 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98191 GHz	-23.65 dBm	-10.65 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98928 GHz	-24.13 dBm	-11.13 dB

Date: 21.JAN.2021 16:00:11

FR1 n77 / 20MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

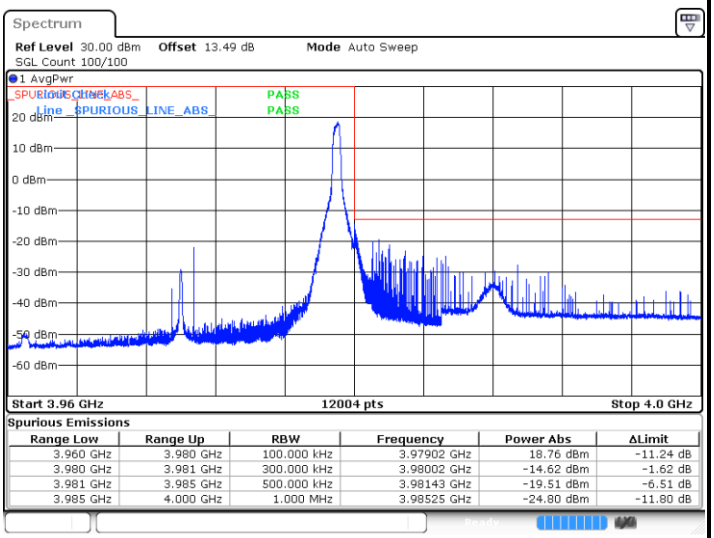


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69070 GHz	-25.96 dBm	-12.96 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69891 GHz	-21.74 dBm	-8.74 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.70000 GHz	-15.81 dBm	-2.81 dB
3.700 GHz	3.720 GHz	100.000 kHz	3.70098 GHz	18.30 dBm	-11.70 dB

Date: 21.JAN.2021 15:03:22

Highest Band Edge / 1RBmax

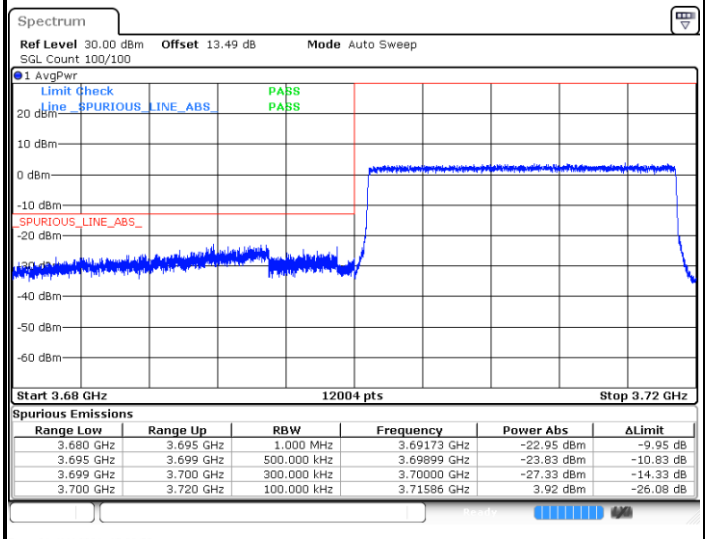


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.960 GHz	3.980 GHz	100.000 kHz	3.97902 GHz	18.76 dBm	-11.24 dB
3.980 GHz	3.981 GHz	300.000 kHz	3.98002 GHz	-14.62 dBm	-1.62 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98143 GHz	-19.51 dBm	-6.51 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98525 GHz	-24.80 dBm	-11.80 dB

Date: 21.JAN.2021 15:57:03

Lowest Band Edge / Full RB

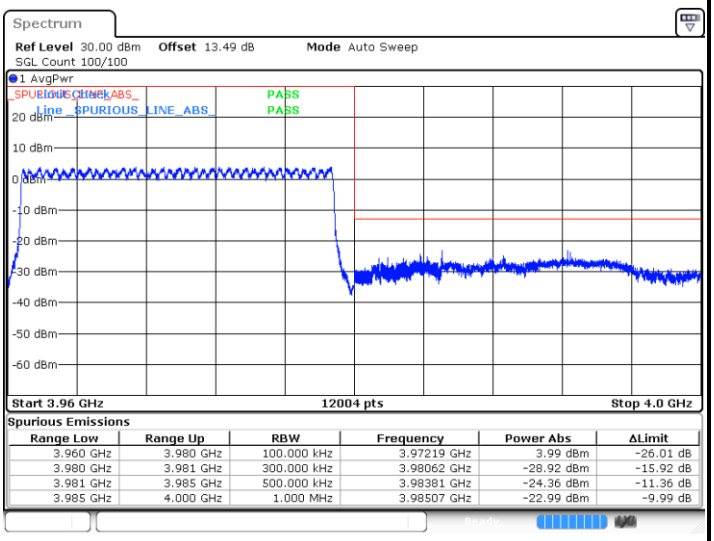


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69173 GHz	-22.95 dBm	-9.95 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69899 GHz	-23.83 dBm	-10.83 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.70000 GHz	-27.33 dBm	-14.33 dB
3.700 GHz	3.720 GHz	100.000 kHz	3.71586 GHz	3.92 dBm	-26.08 dB

Date: 21.JAN.2021 15:29:50

Highest Band Edge / Full RB



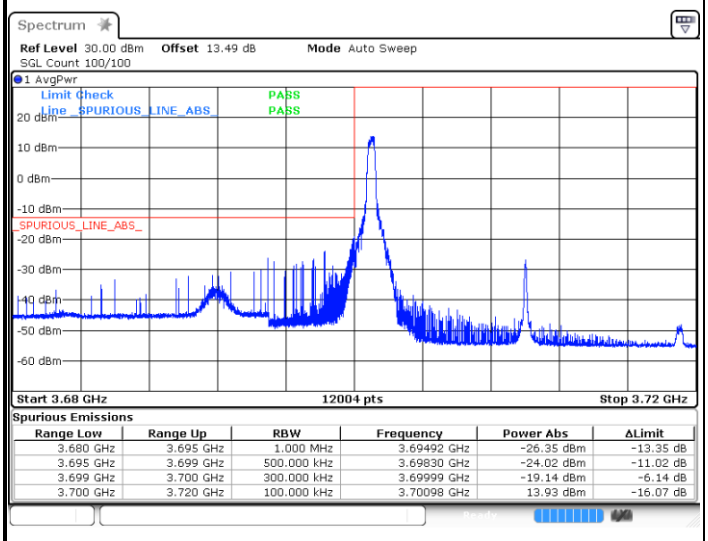
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.960 GHz	3.980 GHz	100.000 kHz	3.97219 GHz	3.99 dBm	-26.01 dB
3.980 GHz	3.981 GHz	300.000 kHz	3.98062 GHz	-28.92 dBm	-15.92 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98381 GHz	-24.36 dBm	-11.36 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98507 GHz	-22.99 dBm	-9.99 dB

Date: 21.JAN.2021 16:00:51

FR1 n77 / 20MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

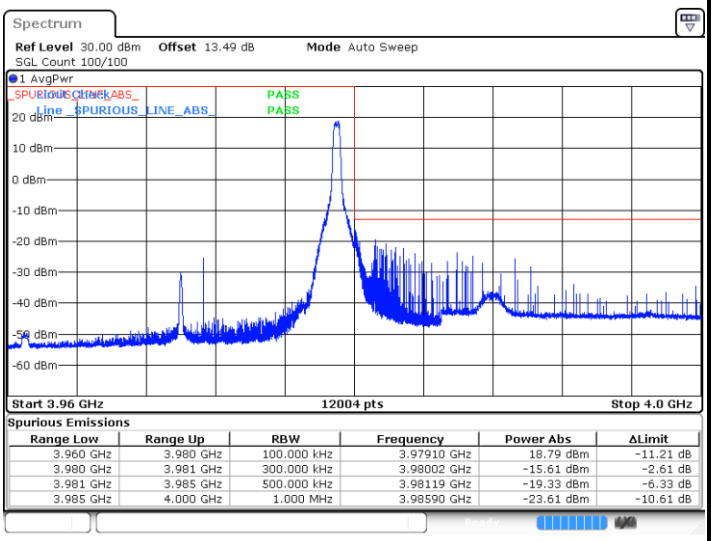


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69492 GHz	-26.35 dBm	-13.35 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69830 GHz	-24.02 dBm	-11.02 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69999 GHz	-19.14 dBm	-6.14 dB
3.700 GHz	3.720 GHz	100.000 kHz	3.70098 GHz	13.93 dBm	-16.07 dB

Date: 21.JAN.2021 15:27:18

Highest Band Edge / 1RB24

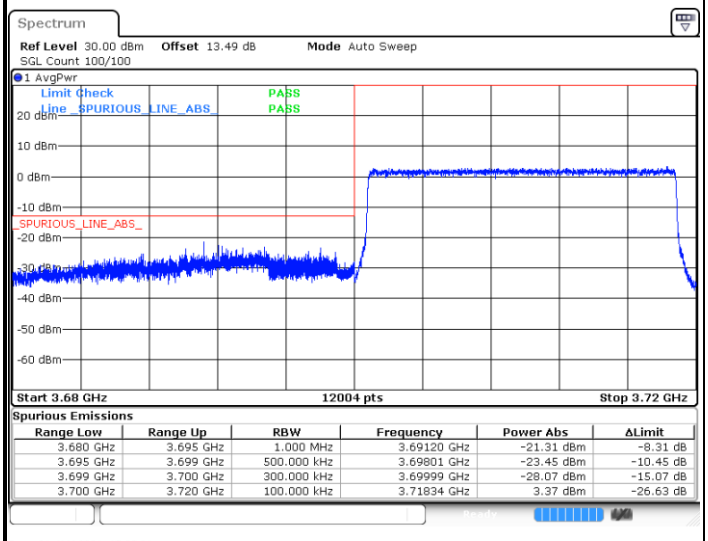


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.960 GHz	3.980 GHz	100.000 kHz	3.97910 GHz	18.79 dBm	-11.21 dB
3.980 GHz	3.981 GHz	300.000 kHz	3.98002 GHz	-15.61 dBm	-2.61 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98119 GHz	-19.33 dBm	-6.33 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98590 GHz	-23.61 dBm	-10.61 dB

Date: 21.JAN.2021 15:57:43

Lowest Band Edge / Full RB

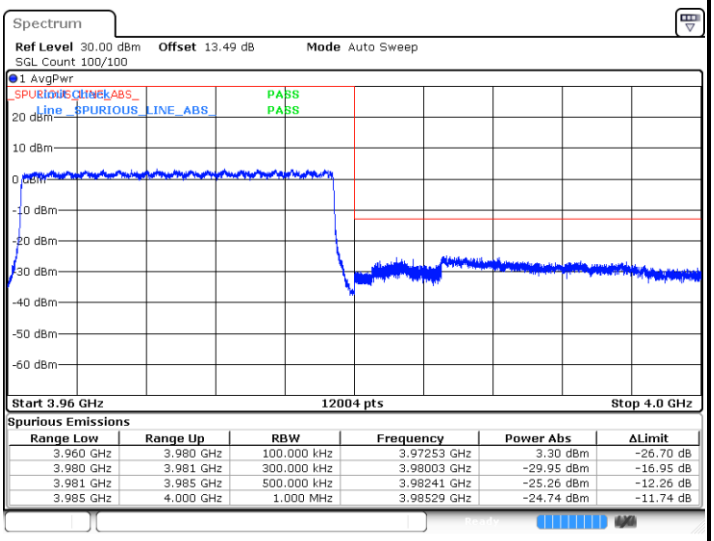


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69120 GHz	-21.31 dBm	-8.31 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69801 GHz	-23.45 dBm	-10.45 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69999 GHz	-28.07 dBm	-15.07 dB
3.700 GHz	3.720 GHz	100.000 kHz	3.71834 GHz	3.37 dBm	-26.63 dB

Date: 21.JAN.2021 15:30:31

Highest Band Edge / Full RB



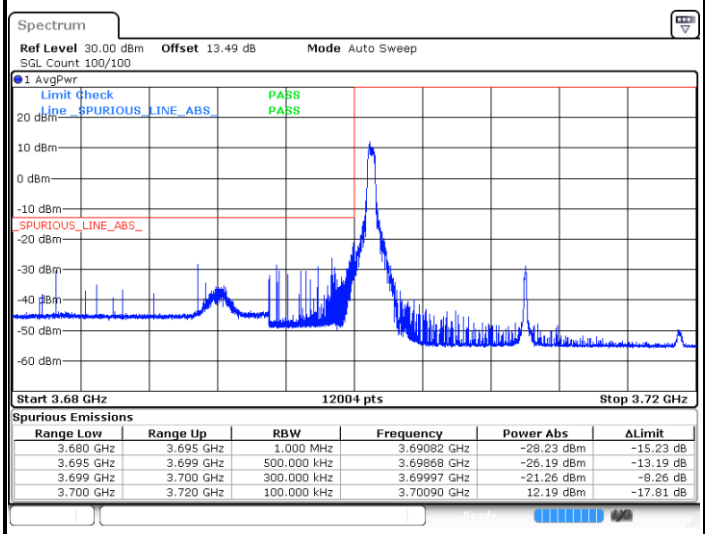
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.960 GHz	3.980 GHz	100.000 kHz	3.97253 GHz	3.30 dBm	-26.70 dB
3.980 GHz	3.981 GHz	300.000 kHz	3.98003 GHz	-29.95 dBm	-16.95 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98241 GHz	-25.26 dBm	-12.26 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98529 GHz	-24.74 dBm	-11.74 dB

Date: 21.JAN.2021 16:01:32

FR1 n77 / 20MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

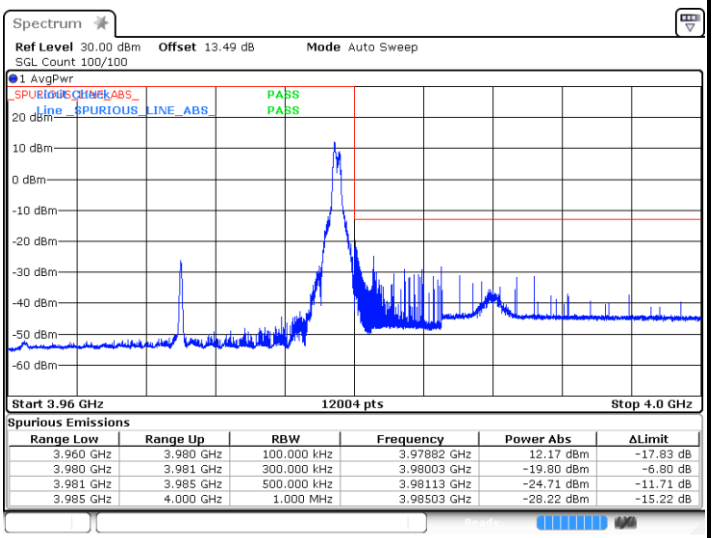


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69082 GHz	-28.23 dBm	-15.23 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69868 GHz	-26.19 dBm	-13.19 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69997 GHz	-21.26 dBm	-8.26 dB
3.700 GHz	3.720 GHz	100.000 kHz	3.70090 GHz	12.19 dBm	-17.81 dB

Date: 21.JAN.2021 15:32:30

Highest Band Edge / 1RB24

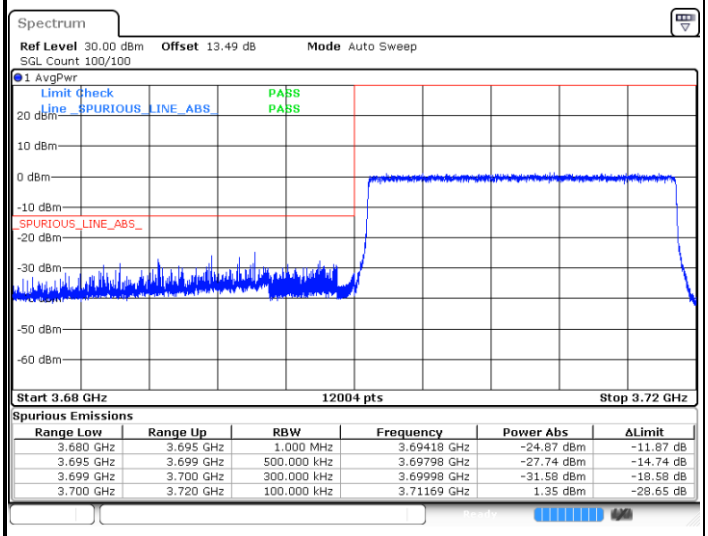


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.960 GHz	3.980 GHz	100.000 kHz	3.97882 GHz	12.17 dBm	-17.83 dB
3.980 GHz	3.981 GHz	300.000 kHz	3.98003 GHz	-19.80 dBm	-6.80 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98113 GHz	-24.71 dBm	-11.71 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98503 GHz	-28.22 dBm	-15.22 dB

Date: 21.JAN.2021 15:58:57

Lowest Band Edge / Full RB

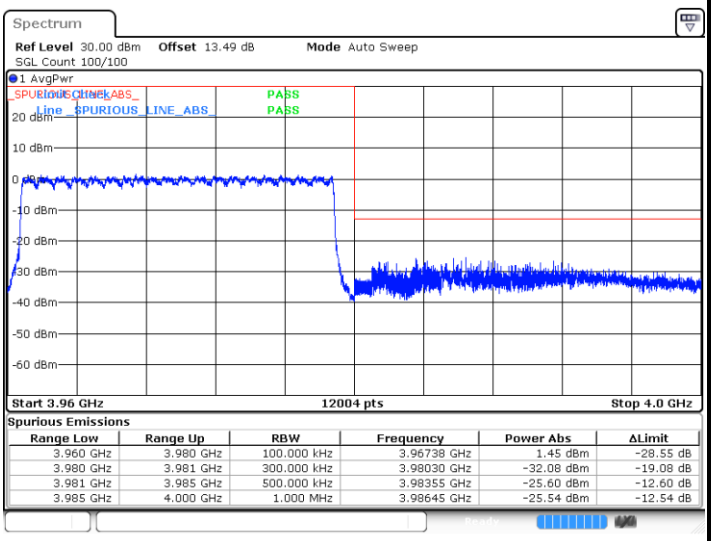


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69418 GHz	-24.87 dBm	-11.87 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69798 GHz	-27.74 dBm	-14.74 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69998 GHz	-31.58 dBm	-18.58 dB
3.700 GHz	3.720 GHz	100.000 kHz	3.71169 GHz	1.35 dBm	-28.65 dB

Date: 21.JAN.2021 15:31:49

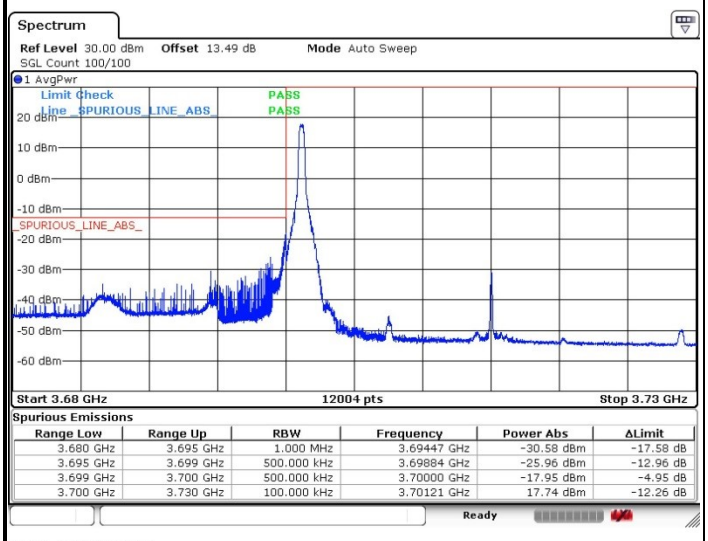
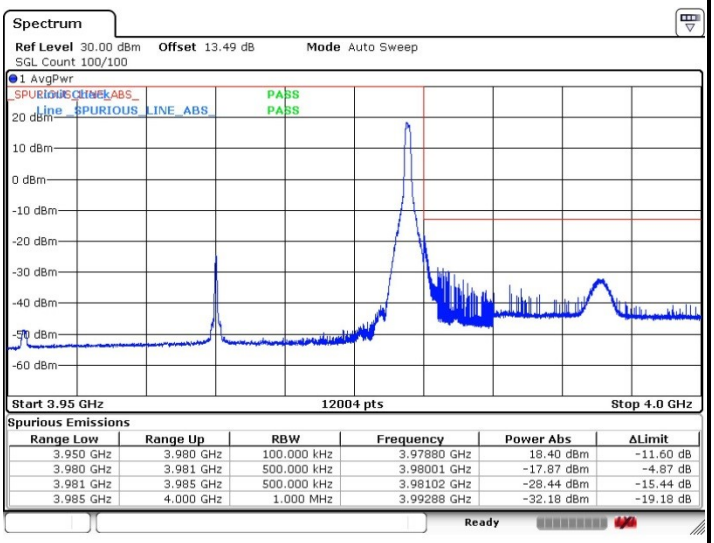
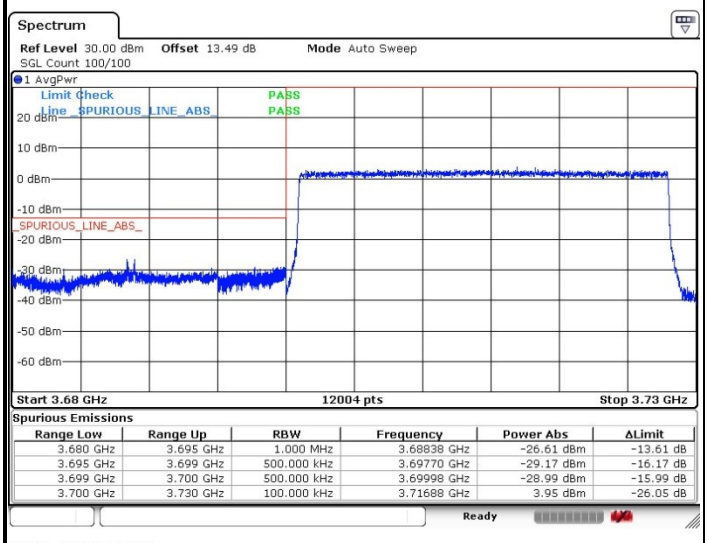
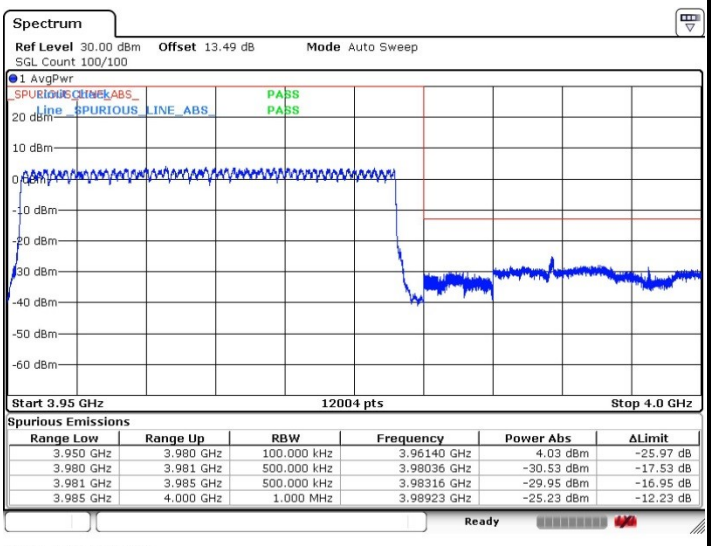
Highest Band Edge / Full RB

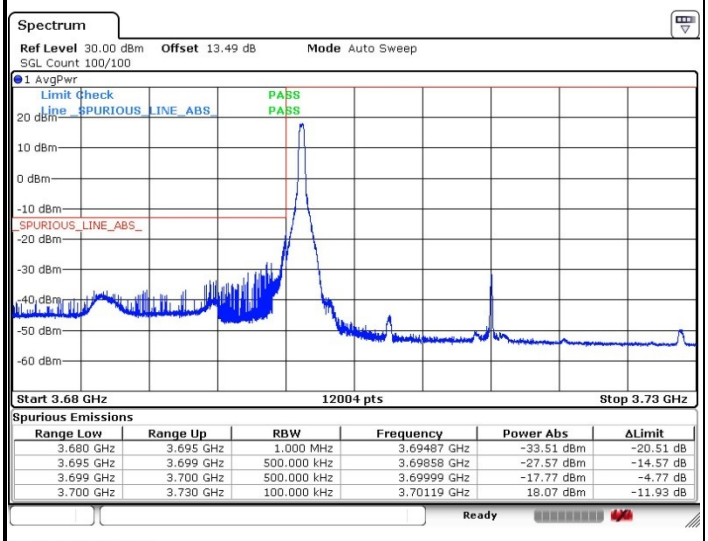
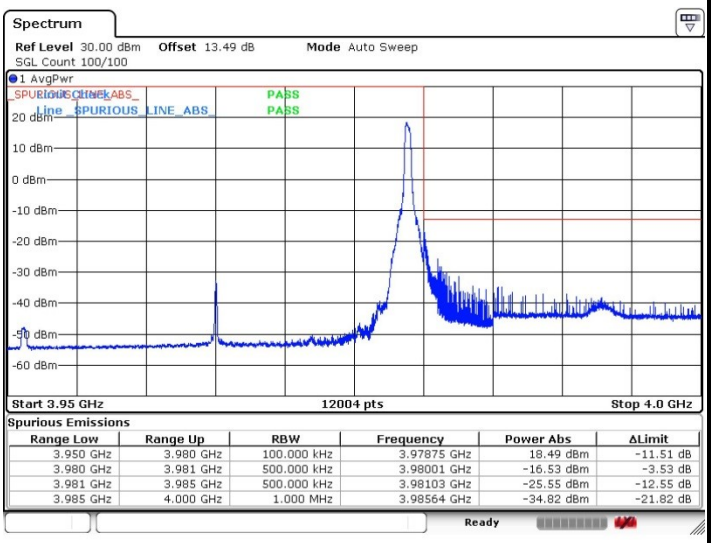
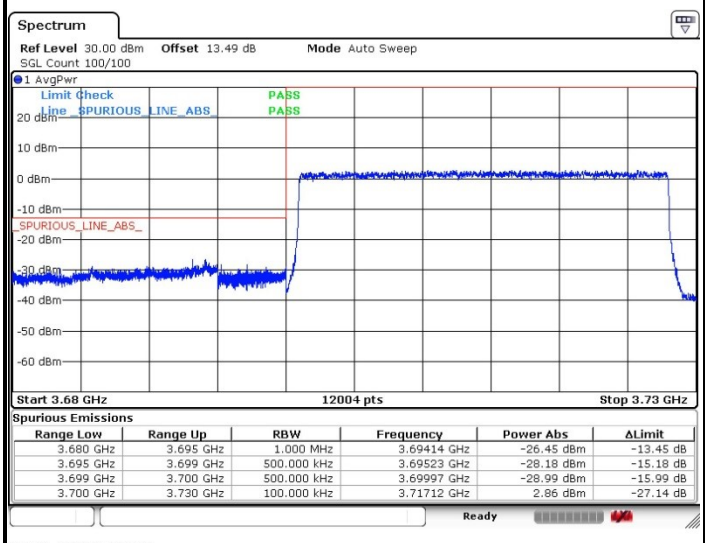
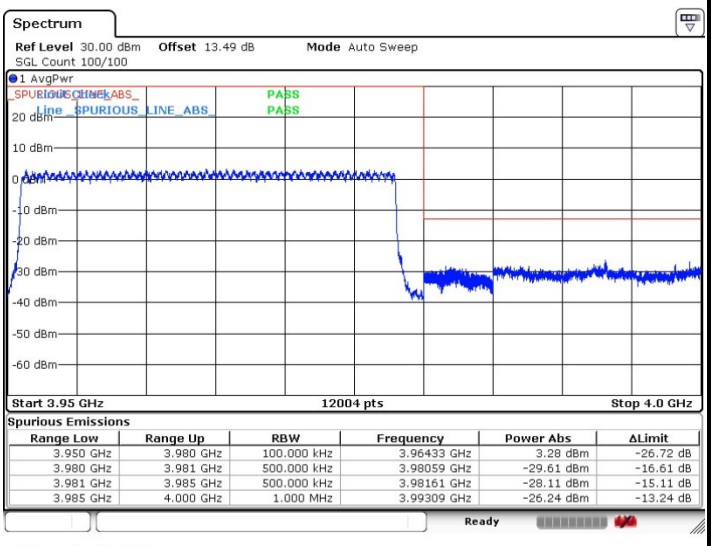


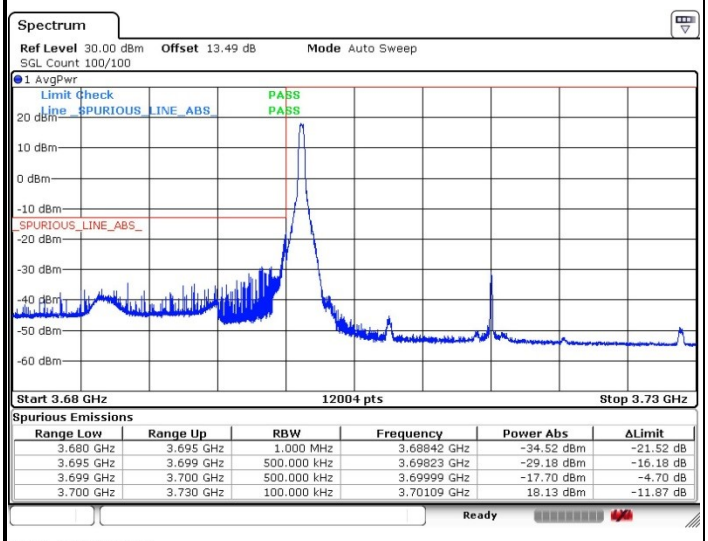
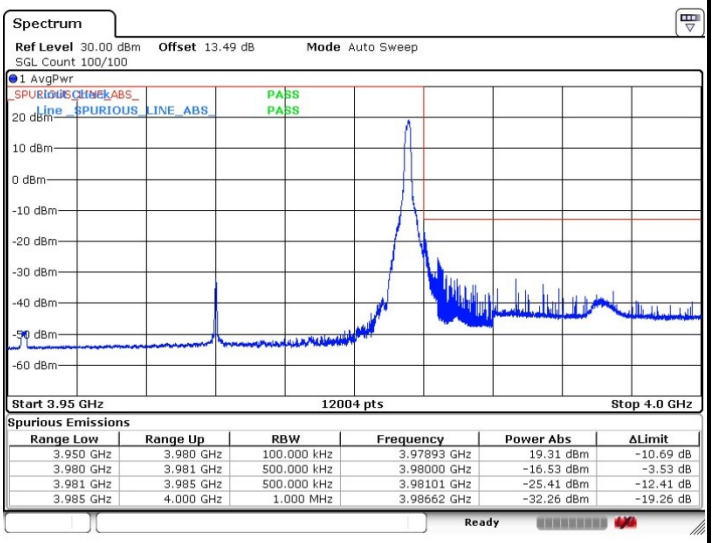
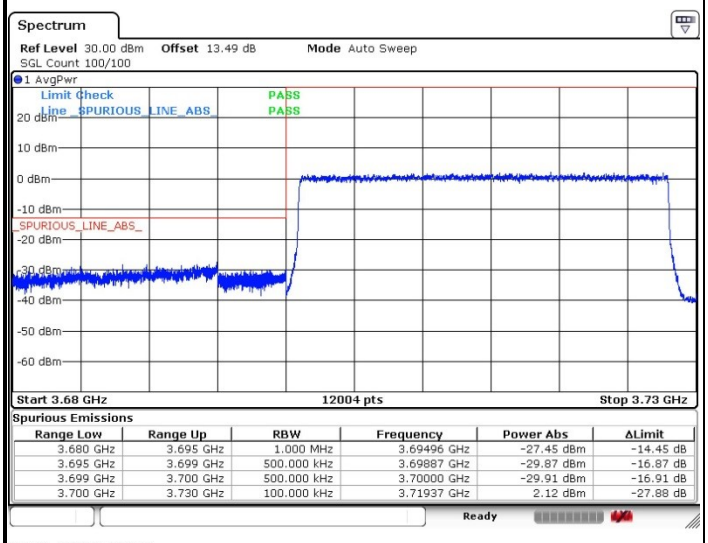
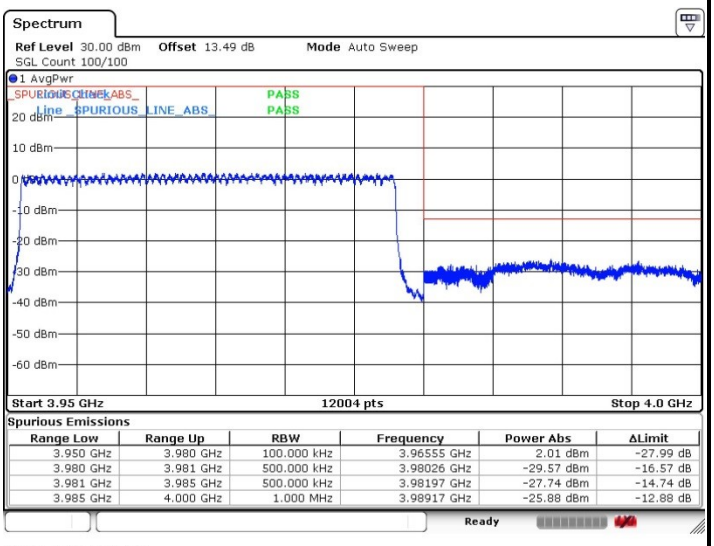
Spurious Emissions

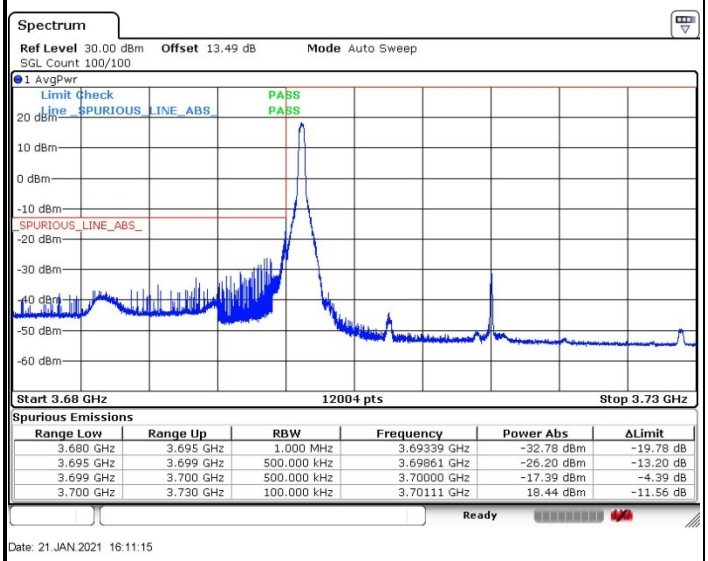
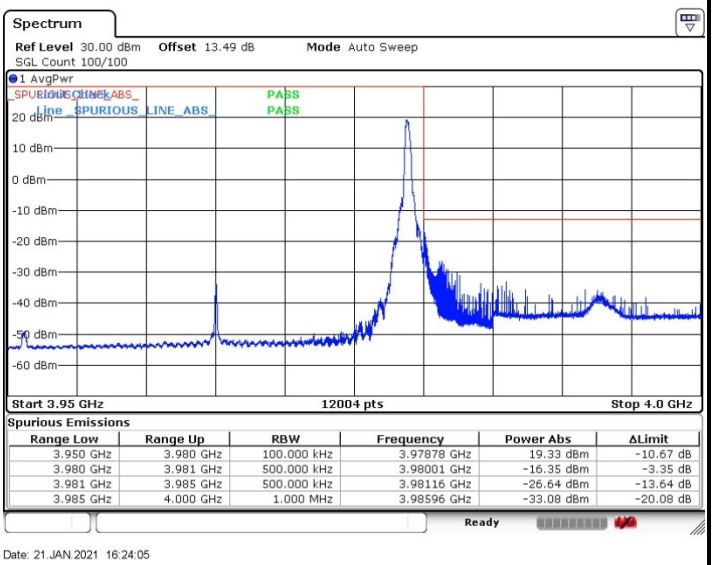
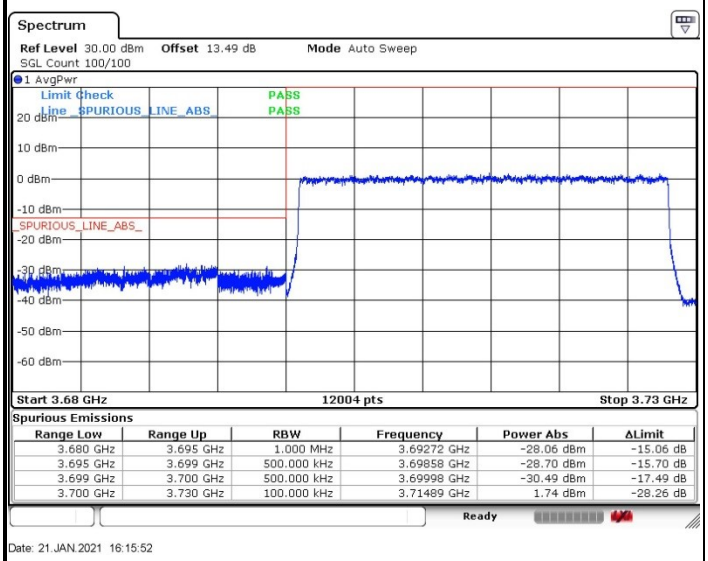
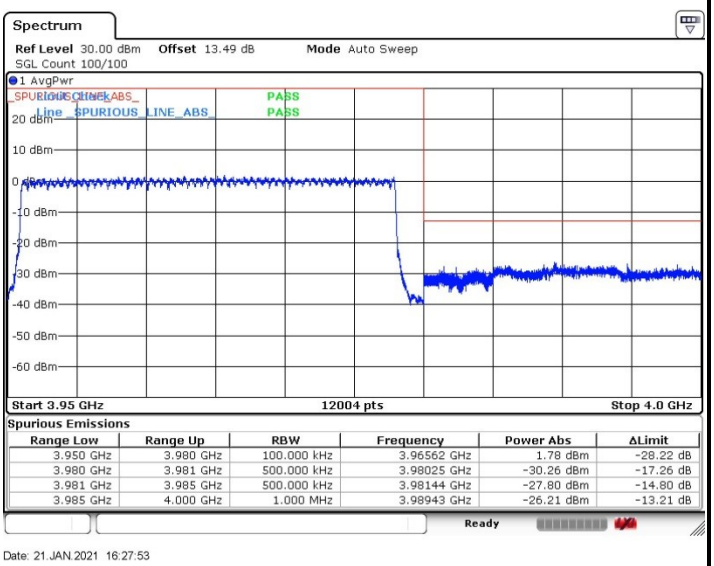
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.960 GHz	3.980 GHz	100.000 kHz	3.96738 GHz	1.45 dBm	-28.55 dB
3.980 GHz	3.981 GHz	300.000 kHz	3.98030 GHz	-32.08 dBm	-19.08 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98355 GHz	-25.60 dBm	-12.60 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98645 GHz	-25.54 dBm	-12.54 dB

Date: 21.JAN.2021 16:02:11

FR1 n77/ 30MHz / DFT-S OFDM / PI/2 BPSK	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n77 / 30MHz / DFT-S OFDM / QPSK	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n77 / 30MHz / DFT-S OFDM / 16Q	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n77 / 30MHz / DFT-S OFDM / 64Q	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RB24**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**