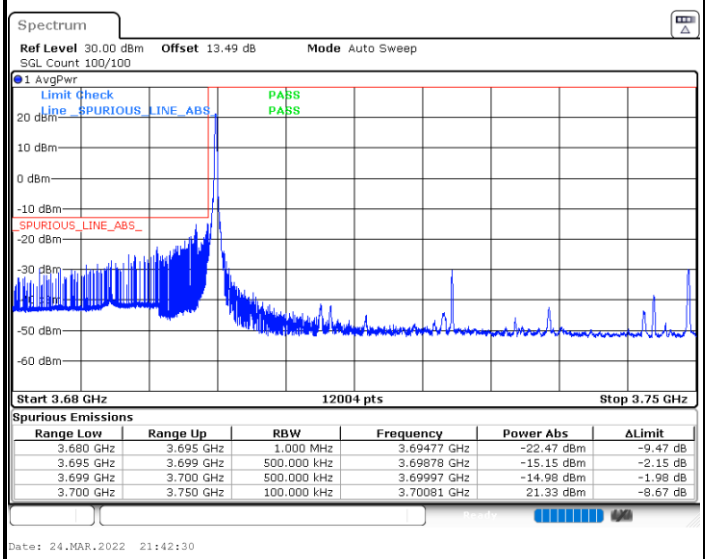
FR1 n78 / 50MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

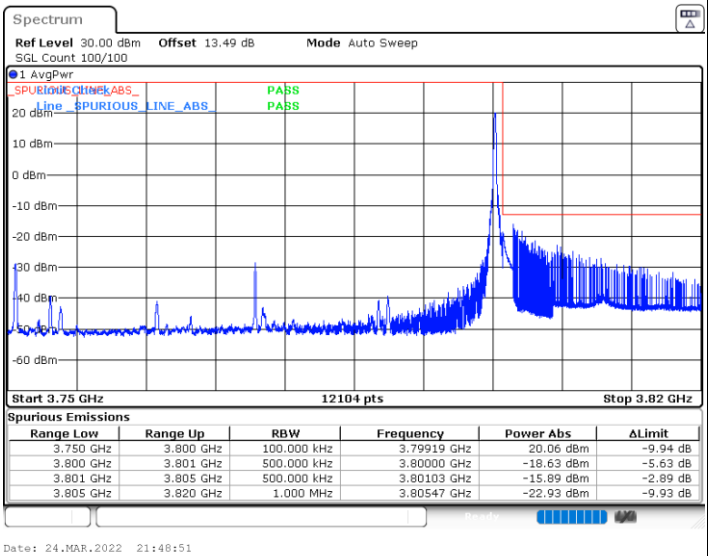


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69477 GHz	-22.47 dBm	-9.47 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69878 GHz	-15.15 dBm	-2.15 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69997 GHz	-14.98 dBm	-1.98 dB
3.700 GHz	3.750 GHz	100.000 kHz	3.70081 GHz	21.33 dBm	-8.67 dB

Date: 24.MAR.2022 21:42:30

Highest Band Edge / 1RBmax

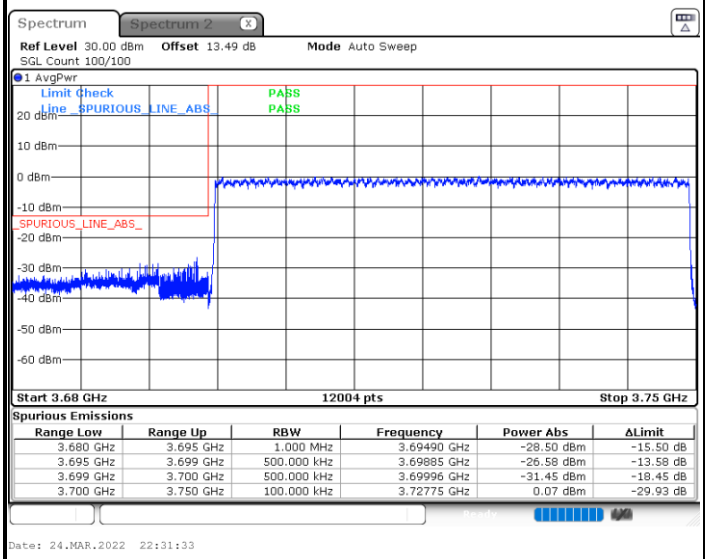


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.750 GHz	3.800 GHz	100.000 kHz	3.79919 GHz	20.06 dBm	-9.94 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80000 GHz	-18.63 dBm	-5.63 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80103 GHz	-15.89 dBm	-2.89 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80547 GHz	-22.93 dBm	-9.93 dB

Date: 24.MAR.2022 21:48:51

Lowest Band Edge / Full RB

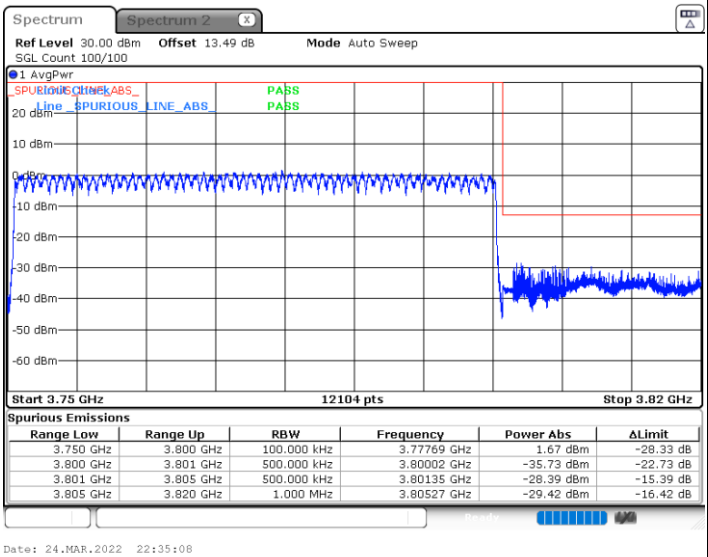


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69490 GHz	-28.50 dBm	-15.50 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69885 GHz	-26.58 dBm	-13.58 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69996 GHz	-31.45 dBm	-18.45 dB
3.700 GHz	3.750 GHz	100.000 kHz	3.72775 GHz	0.07 dBm	-29.93 dB

Date: 24.MAR.2022 22:31:33

Highest Band Edge / Full RB



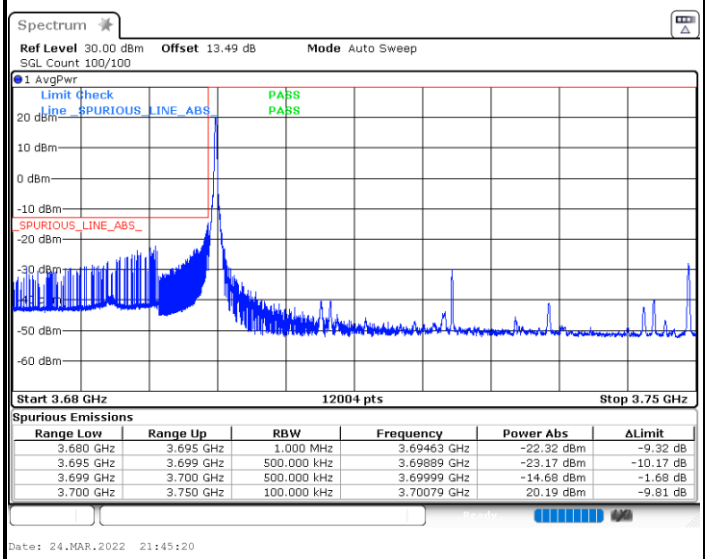
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.750 GHz	3.800 GHz	100.000 kHz	3.77769 GHz	1.67 dBm	-28.33 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80002 GHz	-35.73 dBm	-22.73 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80135 GHz	-28.39 dBm	-15.39 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80527 GHz	-29.42 dBm	-16.42 dB

Date: 24.MAR.2022 22:35:08

FR1 n78 / 50MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

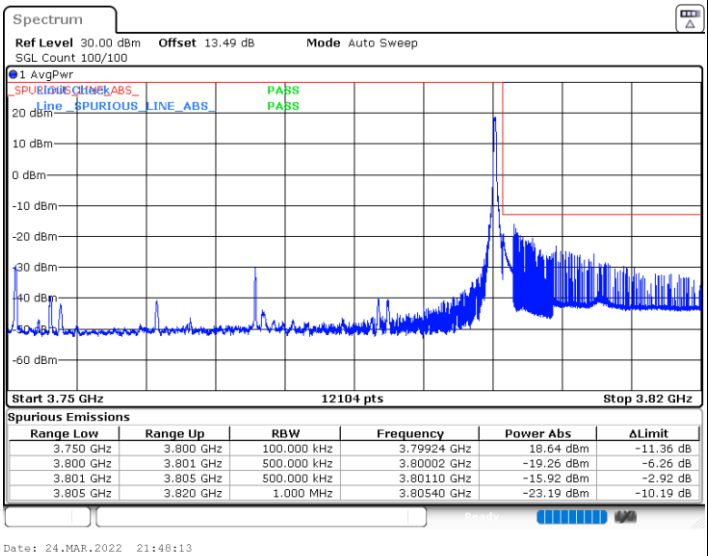


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69463 GHz	-22.32 dBm	-9.32 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69889 GHz	-23.17 dBm	-10.17 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69999 GHz	-14.68 dBm	-1.68 dB
3.700 GHz	3.750 GHz	100.000 kHz	3.70079 GHz	20.19 dBm	-9.81 dB

Date: 24.MAR.2022 21:45:20

Highest Band Edge / 1RBmax

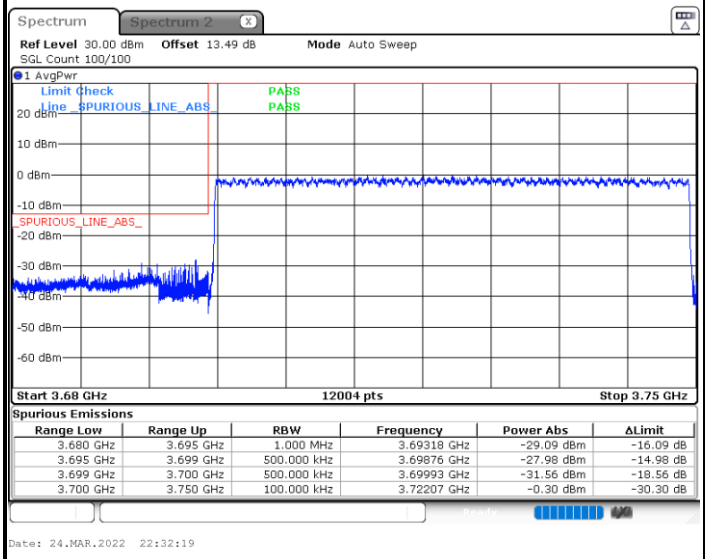


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.750 GHz	3.800 GHz	100.000 kHz	3.79924 GHz	18.64 dBm	-11.36 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80002 GHz	-19.26 dBm	-6.26 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80110 GHz	-15.92 dBm	-2.92 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80540 GHz	-23.19 dBm	-10.19 dB

Date: 24.MAR.2022 21:48:13

Lowest Band Edge / Full RB

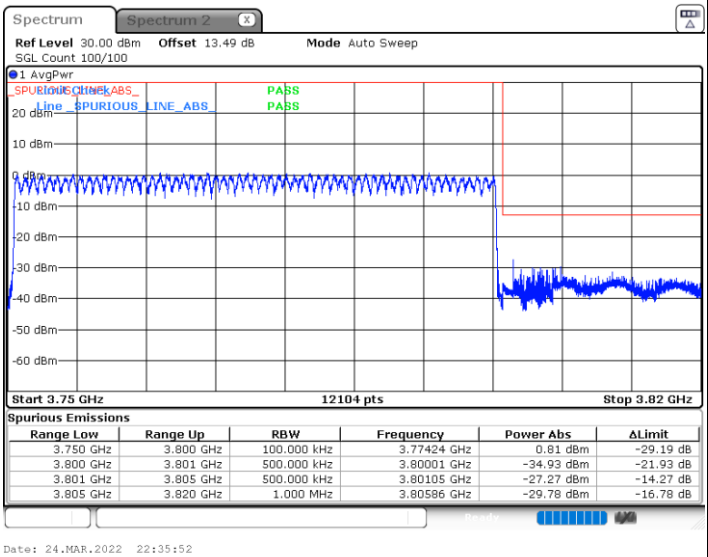


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69318 GHz	-29.09 dBm	-16.09 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69876 GHz	-27.98 dBm	-14.98 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69993 GHz	-31.56 dBm	-18.56 dB
3.700 GHz	3.750 GHz	100.000 kHz	3.72207 GHz	-0.30 dBm	-30.30 dB

Date: 24.MAR.2022 22:32:19

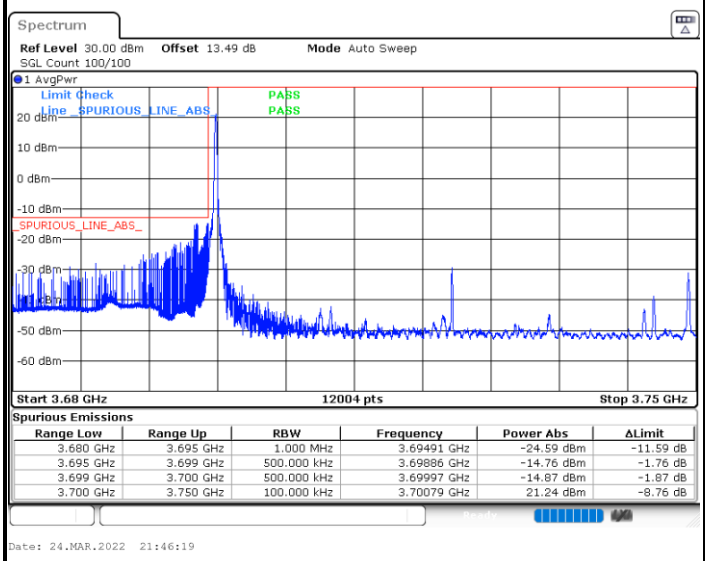
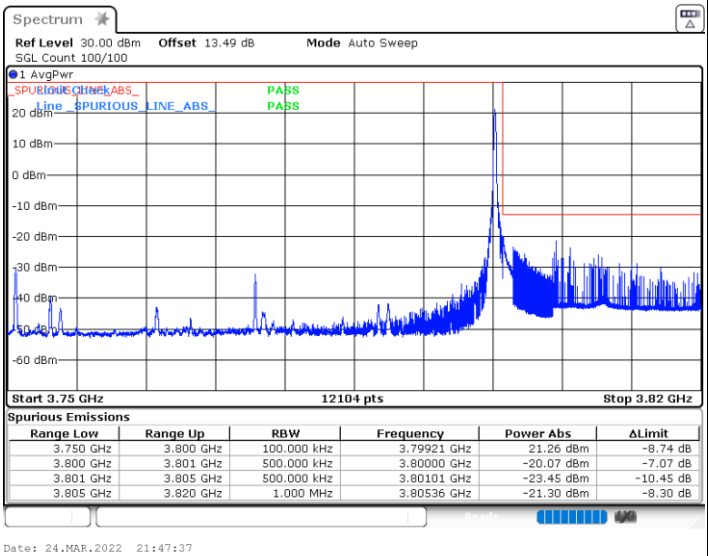
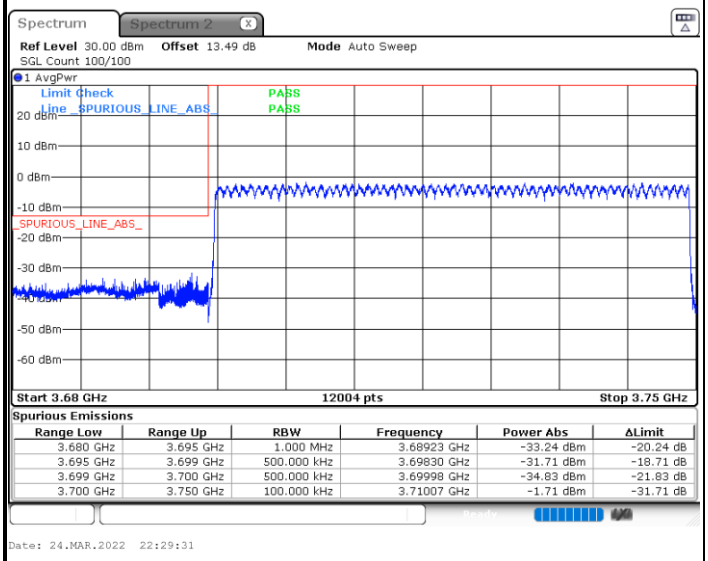
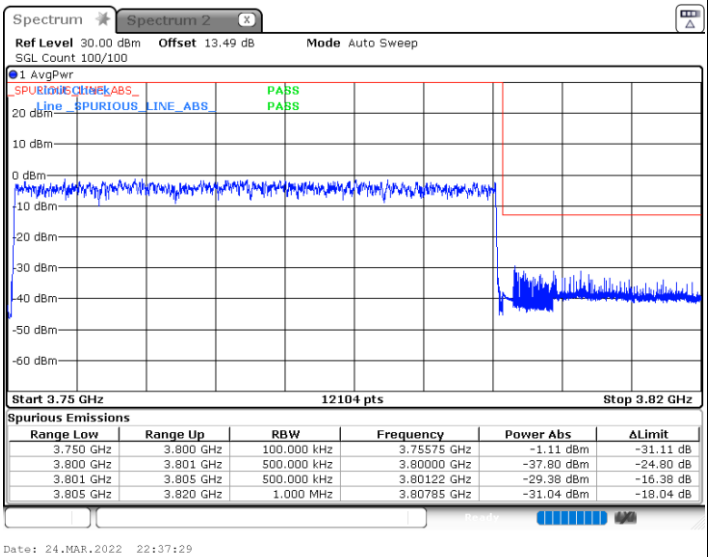
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.750 GHz	3.800 GHz	100.000 kHz	3.77424 GHz	0.81 dBm	-29.19 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80001 GHz	-34.93 dBm	-21.93 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80105 GHz	-27.27 dBm	-14.27 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80586 GHz	-29.78 dBm	-16.78 dB

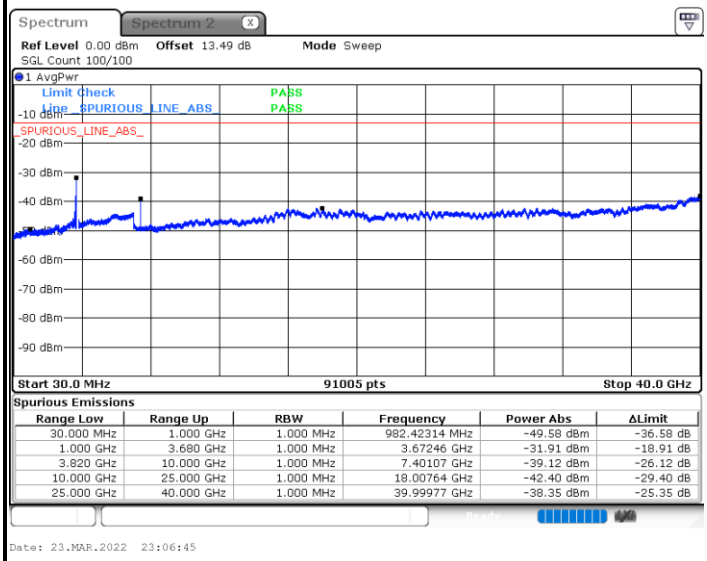
Date: 24.MAR.2022 22:35:52

FR1 n78 /50MHz / DFT-S OFDM / 256Q	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

Conducted Spurious Emission

FR1 n78 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

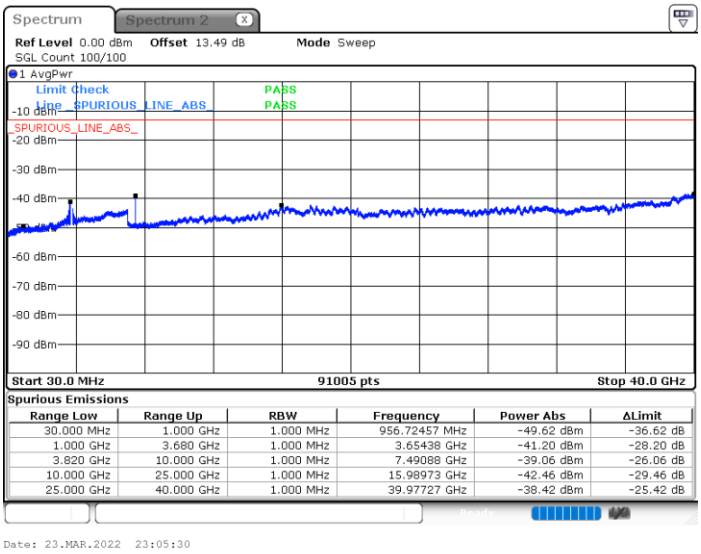


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.42314 MHz	-49.58 dBm	-36.58 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.67246 GHz	-31.91 dBm	-18.91 dB
3.820 GHz	10.000 GHz	1.000 MHz	7.40107 GHz	-39.12 dBm	-26.12 dB
10.000 GHz	25.000 GHz	1.000 MHz	18.00764 GHz	-42.40 dBm	-29.40 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99977 GHz	-38.35 dBm	-25.35 dB

Date: 23.MAR.2022 23:06:45

Middle Channel / 1RB1

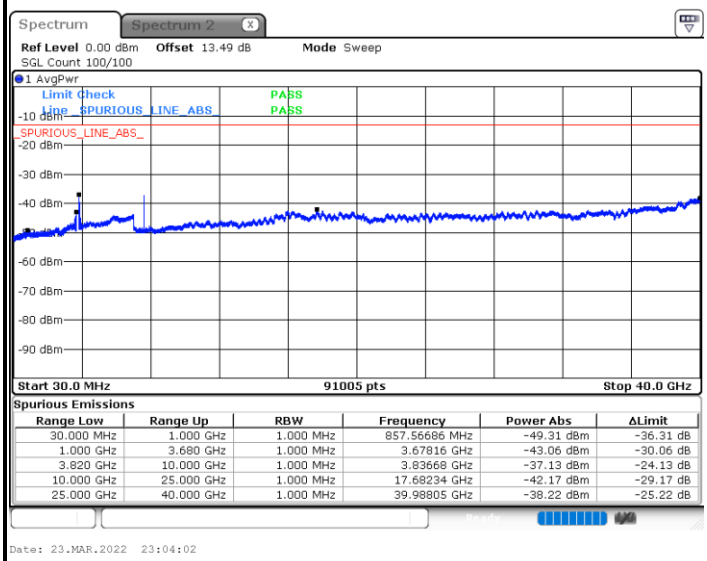


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	956.72457 MHz	-49.62 dBm	-36.62 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.65438 GHz	-41.20 dBm	-28.20 dB
3.820 GHz	10.000 GHz	1.000 MHz	7.49088 GHz	-39.06 dBm	-26.06 dB
10.000 GHz	25.000 GHz	1.000 MHz	15.98973 GHz	-42.46 dBm	-29.46 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.97727 GHz	-38.42 dBm	-25.42 dB

Date: 23.MAR.2022 23:05:30

Highest Channel / 1RB1



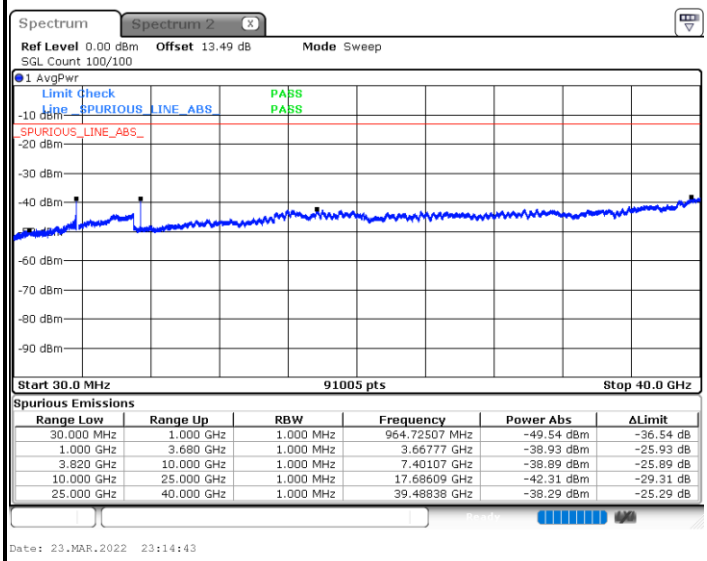
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	857.56686 MHz	-49.31 dBm	-36.31 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.67816 GHz	-43.06 dBm	-30.06 dB
3.820 GHz	10.000 GHz	1.000 MHz	3.83668 GHz	-37.13 dBm	-24.13 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.68234 GHz	-42.17 dBm	-29.17 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.98805 GHz	-38.22 dBm	-25.22 dB

Date: 23.MAR.2022 23:04:02

FR1 n78 / 15MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

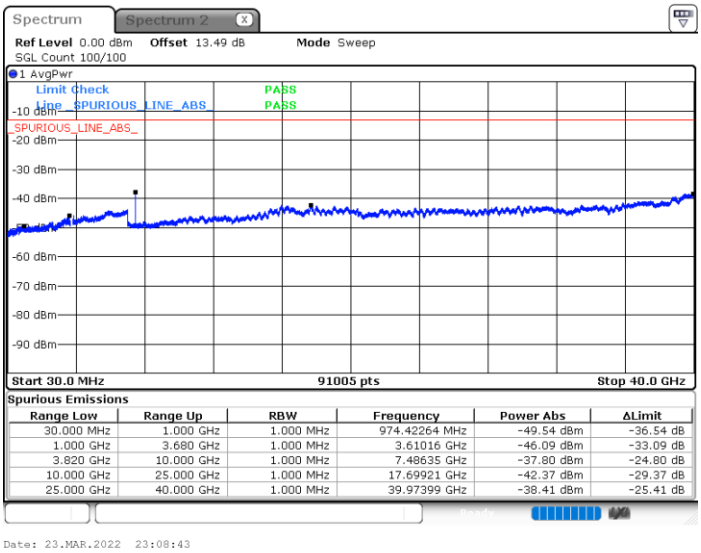


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.72507 MHz	-49.54 dBm	-36.54 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.66777 GHz	-38.93 dBm	-25.93 dB
3.820 GHz	10.000 GHz	1.000 MHz	7.40107 GHz	-38.89 dBm	-25.89 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.68609 GHz	-42.31 dBm	-29.31 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.48838 GHz	-38.29 dBm	-25.29 dB

Date: 23.MAR.2022 23:14:43

Middle Channel / 1RB1

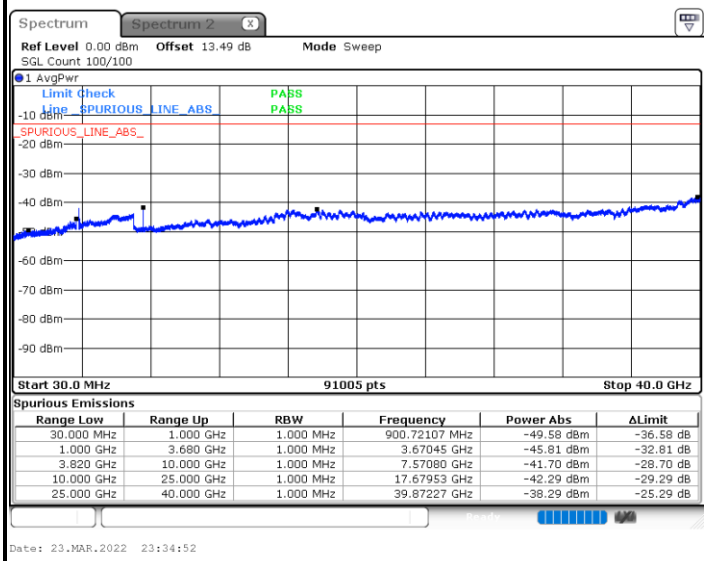


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.42264 MHz	-49.54 dBm	-36.54 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.61016 GHz	-46.09 dBm	-33.09 dB
3.820 GHz	10.000 GHz	1.000 MHz	7.48635 GHz	-37.80 dBm	-24.80 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.69921 GHz	-42.37 dBm	-29.37 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.97399 GHz	-38.41 dBm	-25.41 dB

Date: 23.MAR.2022 23:08:43

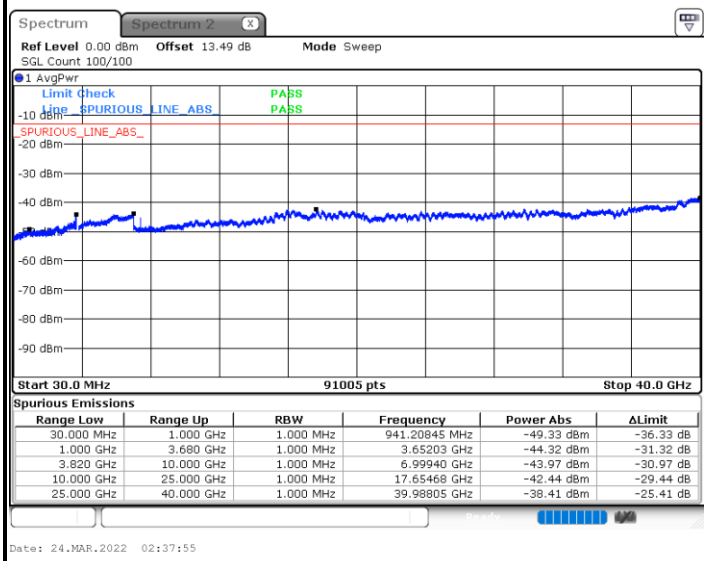
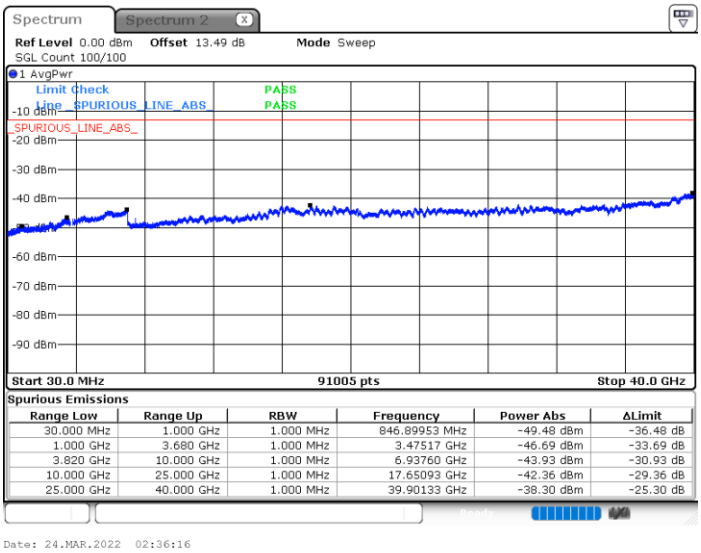
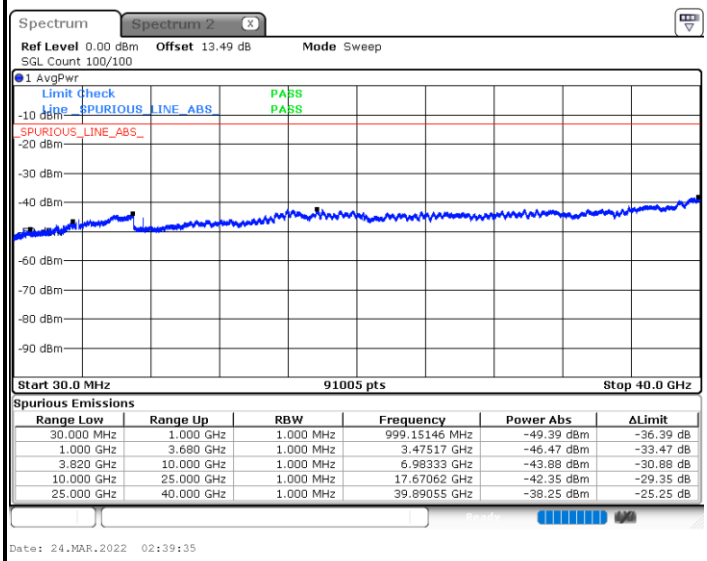
Highest Channel / 1RB1

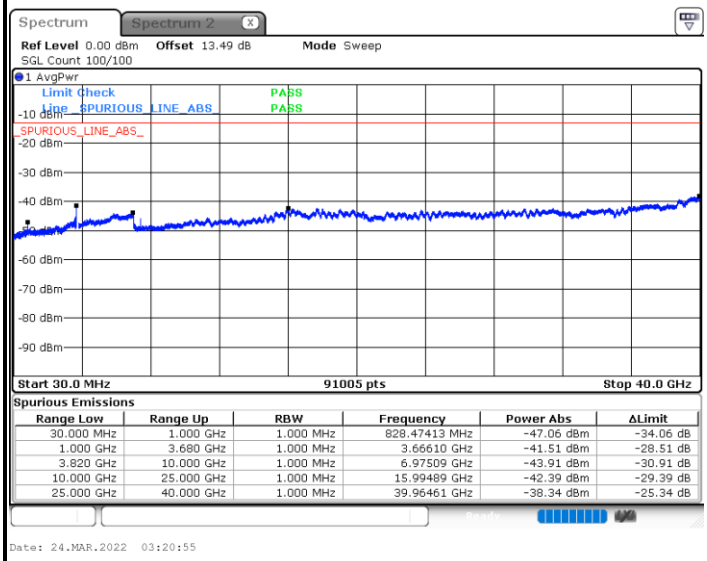
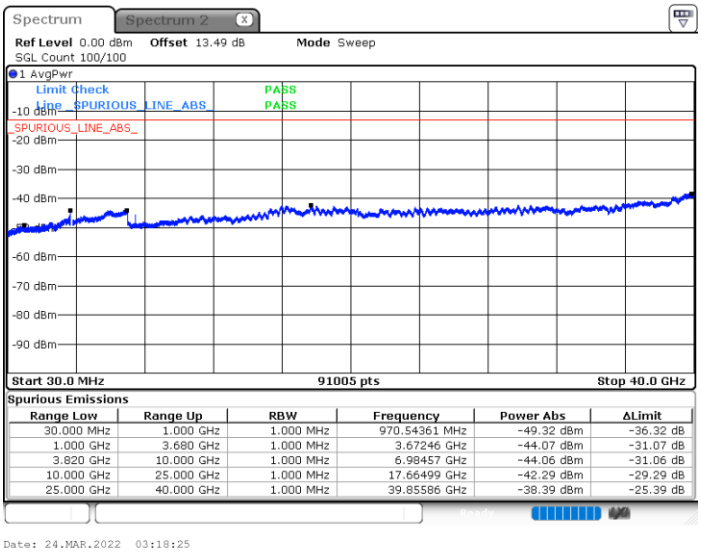
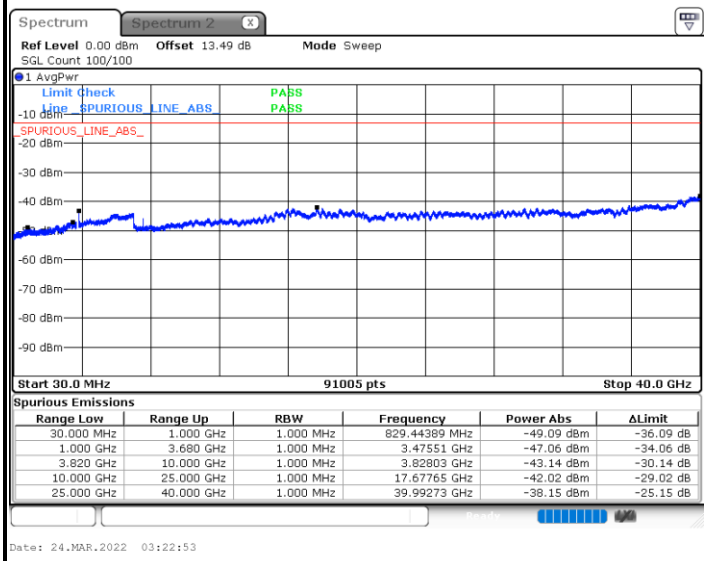


Spurious Emissions

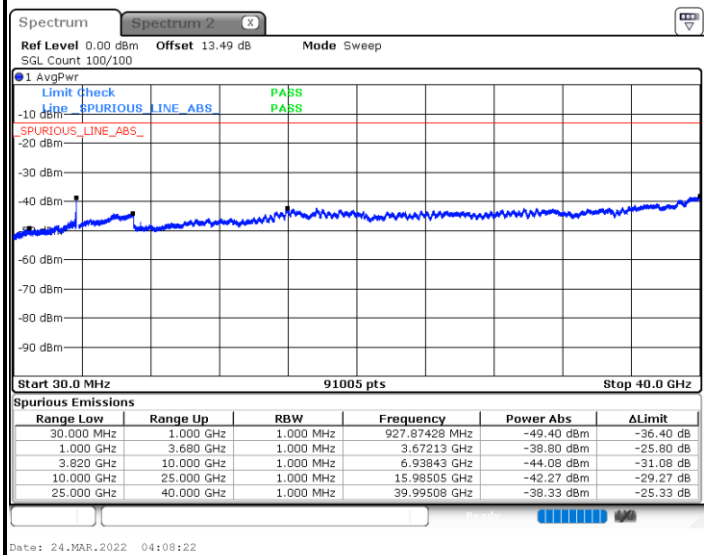
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	900.72107 MHz	-49.58 dBm	-36.58 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.67045 GHz	-45.81 dBm	-32.81 dB
3.820 GHz	10.000 GHz	1.000 MHz	7.57080 GHz	-41.70 dBm	-28.70 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.67953 GHz	-42.29 dBm	-29.29 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.87227 GHz	-38.29 dBm	-25.29 dB

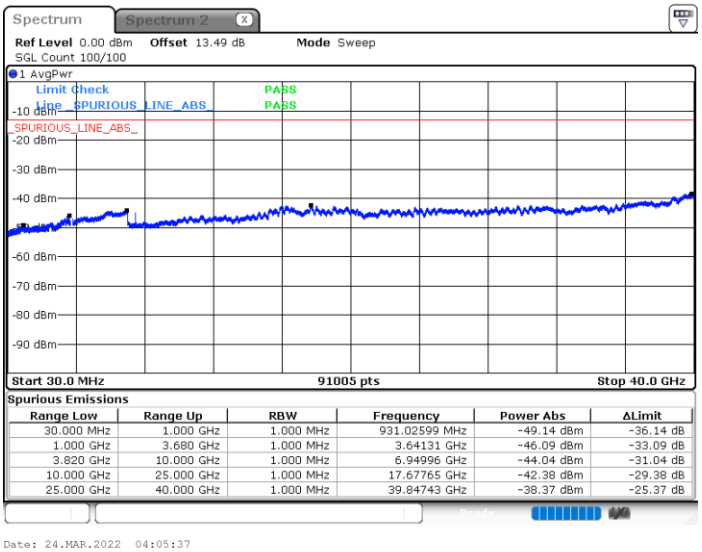
Date: 23.MAR.2022 23:34:52

FR1 n78 / 20MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**
	
Highest Channel / 1RB1	
	

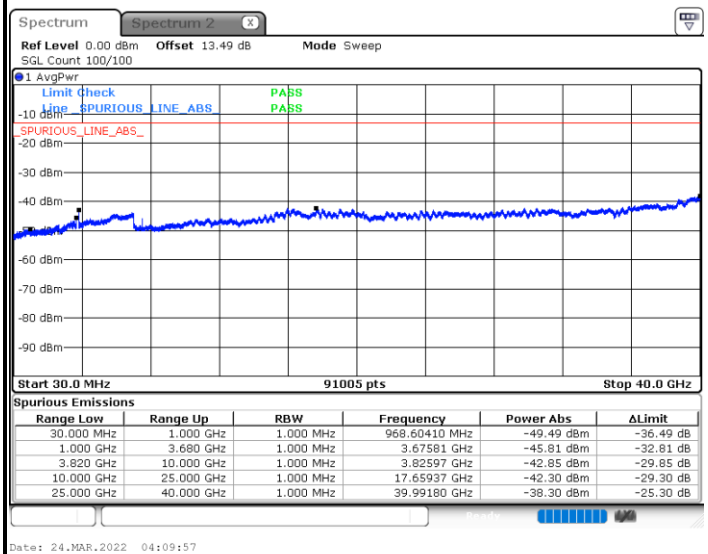
FR1 n78 / 25MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**
	
Highest Channel / 1RB1	
	

FR1 n78 / 30MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**

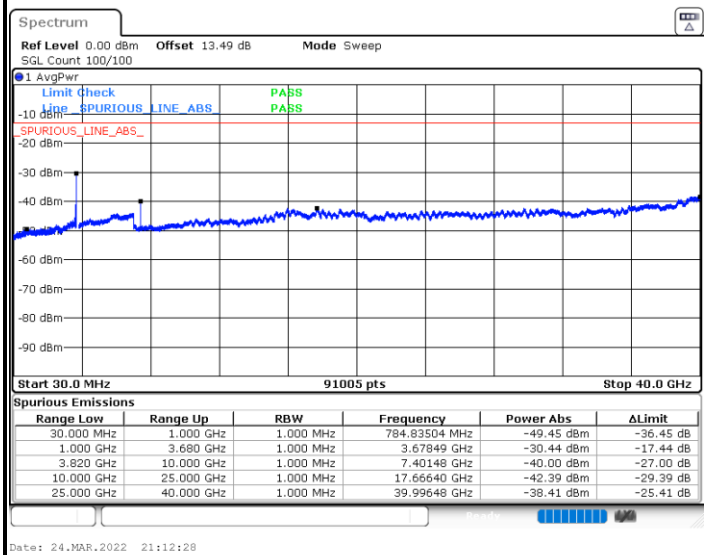




Highest Channel / 1RB1



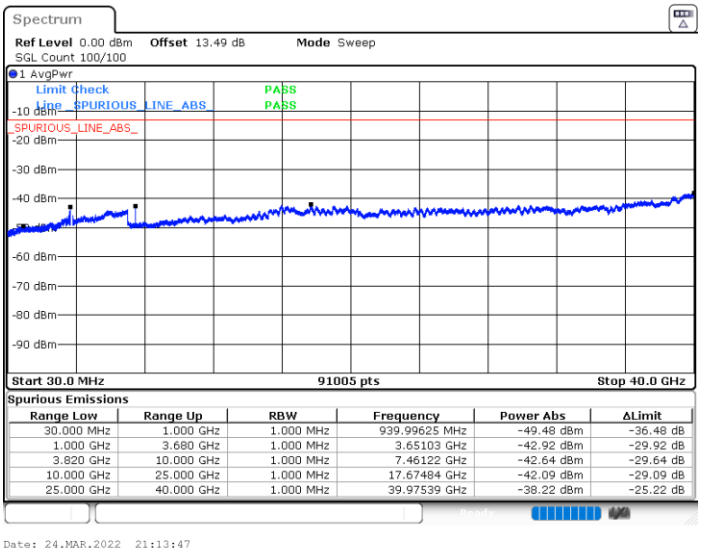
FR1 n78 / 40MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	784.83504 MHz	-49.45 dBm	-36.45 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.67849 GHz	-30.44 dBm	-17.44 dB
3.820 GHz	10.000 GHz	1.000 MHz	7.40148 GHz	-40.00 dBm	-27.00 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.66640 GHz	-42.39 dBm	-29.39 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99648 GHz	-38.41 dBm	-25.41 dB

Date: 24.MAR.2022 21:12:28

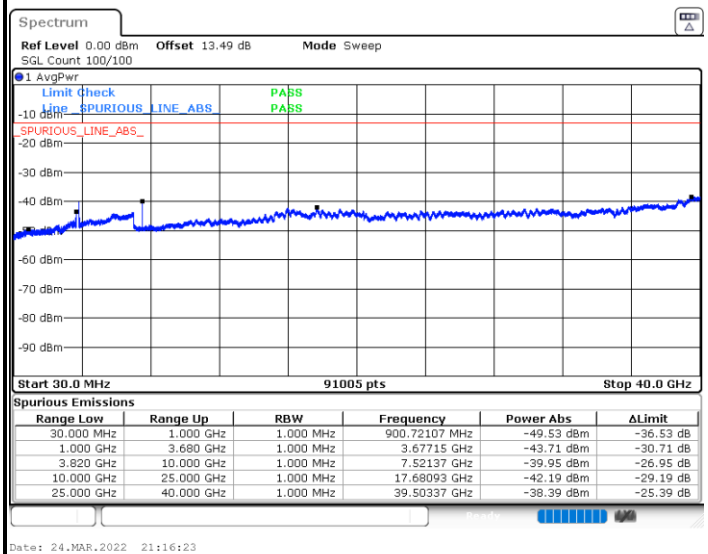


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.99625 MHz	-49.48 dBm	-36.48 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.65103 GHz	-42.92 dBm	-29.92 dB
3.820 GHz	10.000 GHz	1.000 MHz	7.46122 GHz	-42.64 dBm	-29.64 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.67484 GHz	-42.09 dBm	-29.09 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.97539 GHz	-38.22 dBm	-25.22 dB

Date: 24.MAR.2022 21:13:47

Highest Channel / 1RB1



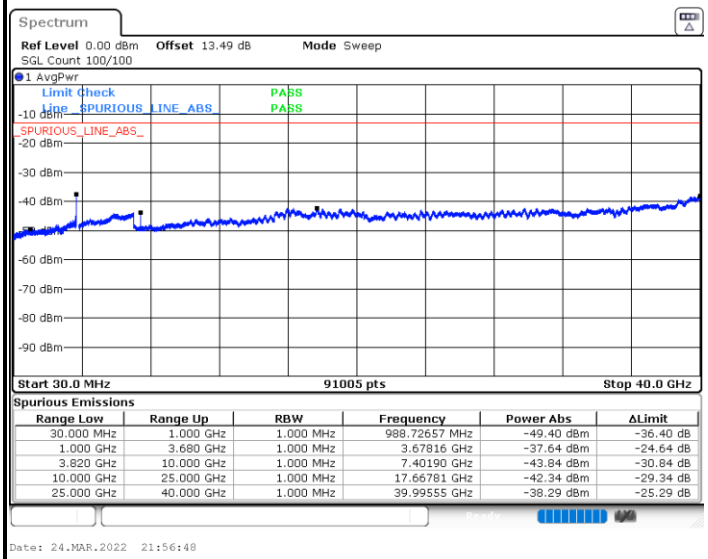
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	900.72107 MHz	-49.53 dBm	-36.53 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.67715 GHz	-43.71 dBm	-30.71 dB
3.820 GHz	10.000 GHz	1.000 MHz	7.52137 GHz	-39.95 dBm	-26.95 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.68093 GHz	-42.19 dBm	-29.19 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.50337 GHz	-38.39 dBm	-25.39 dB

Date: 24.MAR.2022 21:16:23

FR1 n78 / 50MHz / DFT-S OFDM / QPSK

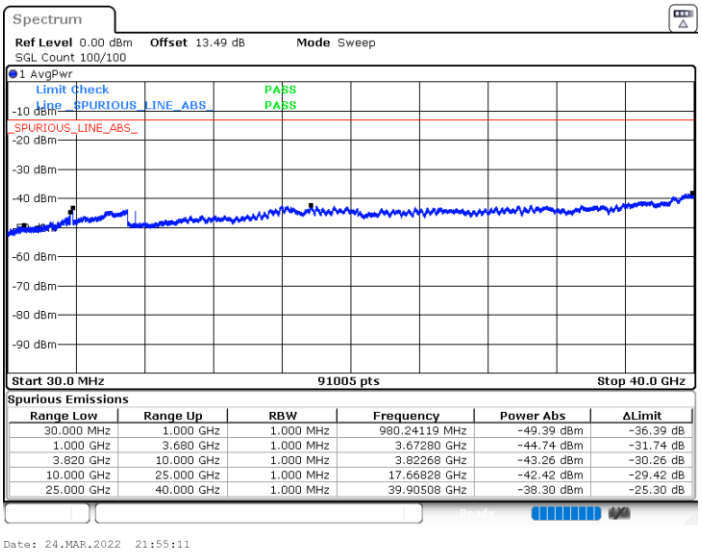
Lowest Channel / 1RB1	Middle Channel / 1RB1



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.72657 MHz	-49.40 dBm	-36.40 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.67816 GHz	-37.64 dBm	-24.64 dB
3.820 GHz	10.000 GHz	1.000 MHz	7.40190 GHz	-43.84 dBm	-30.84 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.66781 GHz	-42.34 dBm	-29.34 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99555 GHz	-38.29 dBm	-25.29 dB

Date: 24.MAR.2022 21:56:48

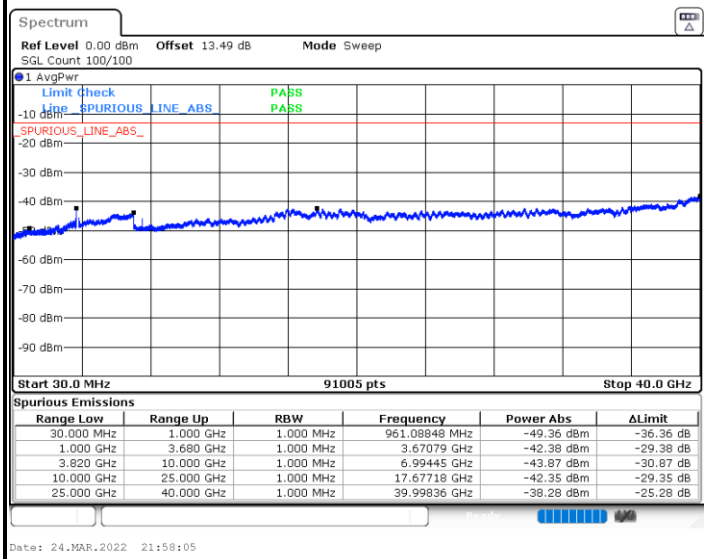


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.24119 MHz	-49.39 dBm	-36.39 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.67280 GHz	-44.74 dBm	-31.74 dB
3.820 GHz	10.000 GHz	1.000 MHz	3.82268 GHz	-43.26 dBm	-30.26 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.66828 GHz	-42.42 dBm	-29.42 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.90508 GHz	-38.30 dBm	-25.30 dB

Date: 24.MAR.2022 21:55:11

Highest Channel / 1RB1



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.08848 MHz	-49.36 dBm	-36.36 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.67079 GHz	-42.38 dBm	-29.38 dB
3.820 GHz	10.000 GHz	1.000 MHz	6.99445 GHz	-43.87 dBm	-30.87 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.67718 GHz	-42.35 dBm	-29.35 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99836 GHz	-38.28 dBm	-25.28 dB

Date: 24.MAR.2022 21:58:05

Frequency Stability

Test Conditions	FR1 n78 (QPSK) / Middle Channel	Limit

Temperature (°C)	Voltage (Volt)	BW 50MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0020	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0031	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0028	

Note:

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

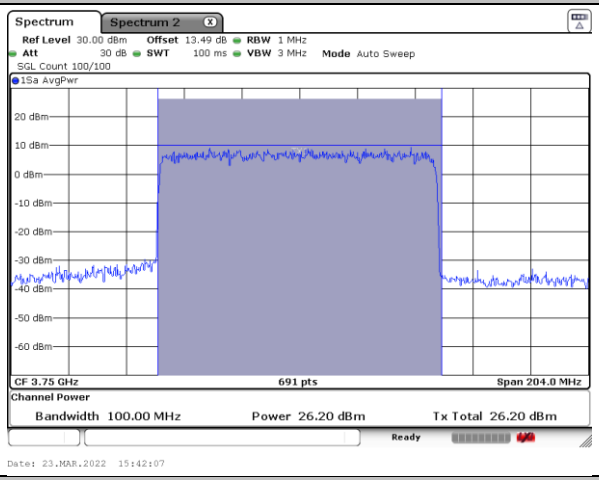
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

FR1 n78(SCS 30kHz)

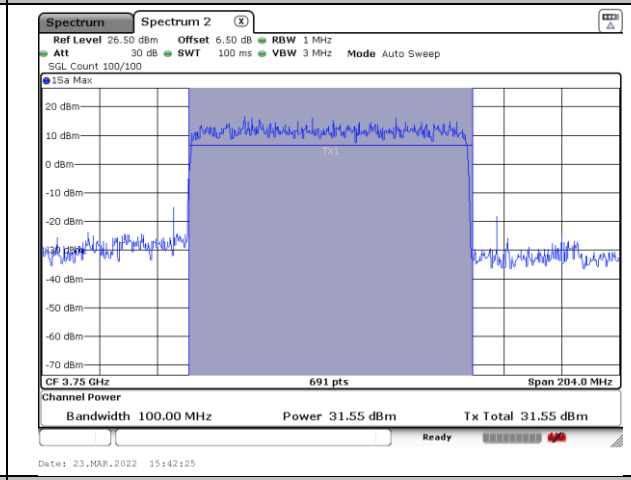
Peak-to-Average Ratio

Mode	FR1 n78 / 100MHz / DFT-S OFDM				
Mod.	100M				Limit: 13dB
RB Size	BPSK	QPSK	16QAM	64QAM	Result
Middle CH	5.35	5.35	5.32	5.23	PASS
RB Size	256QAM				
Middle CH	5.21				

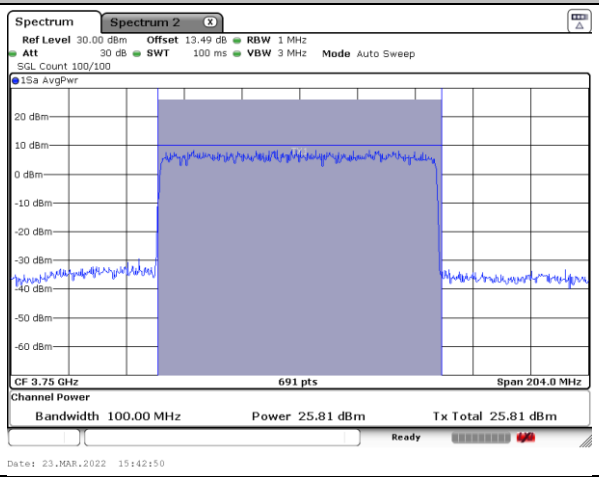
BPSK-A



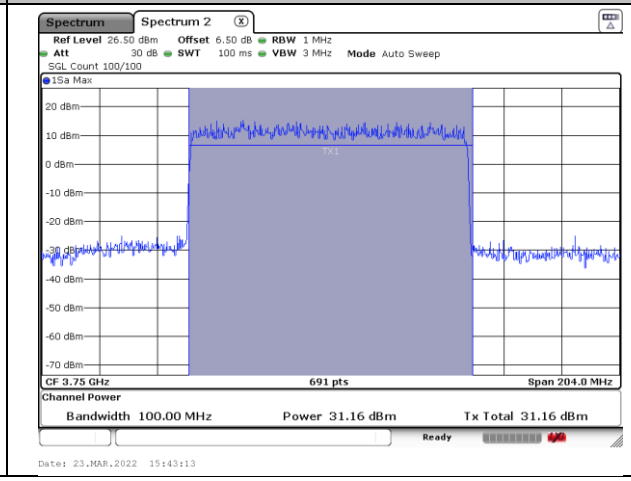
BPSK-P

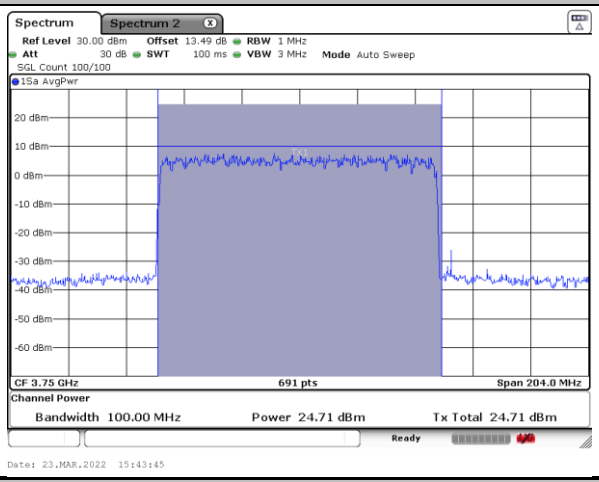
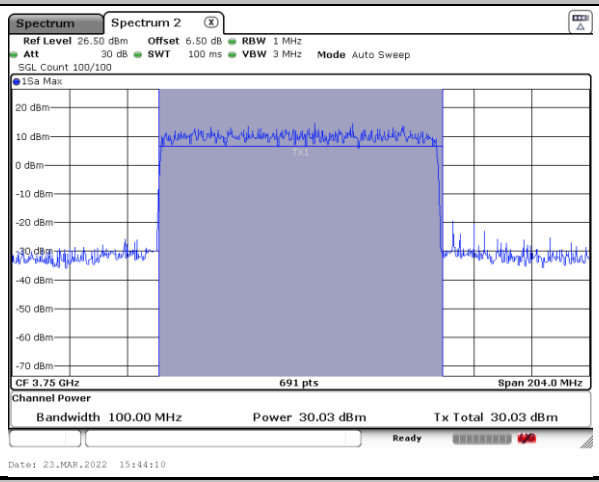
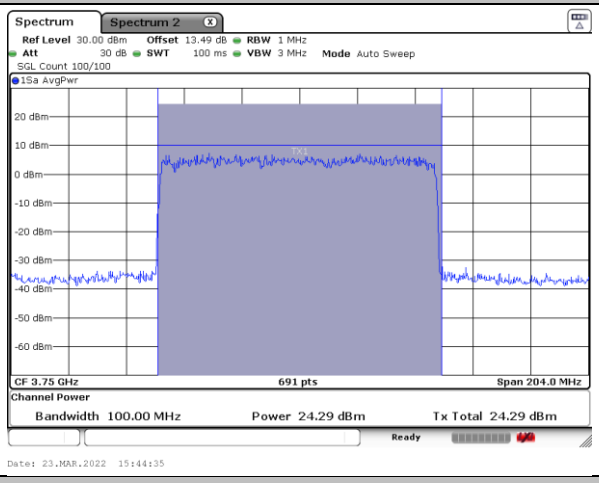
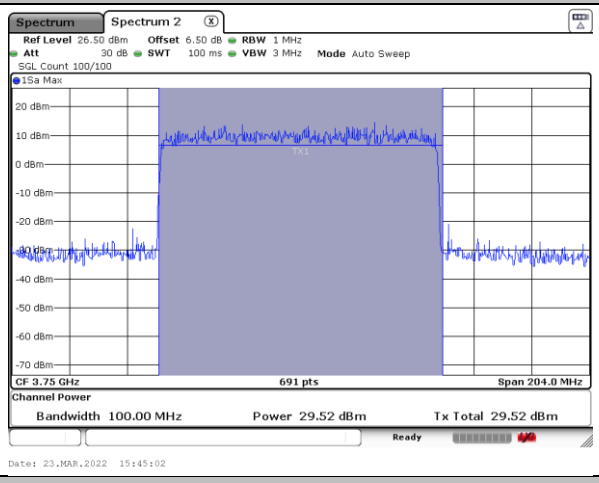
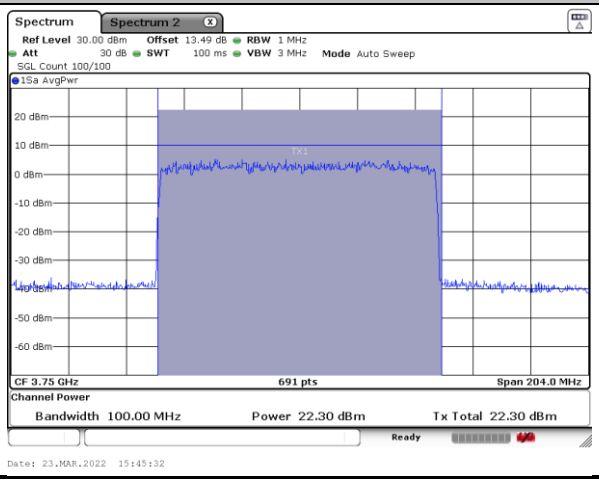
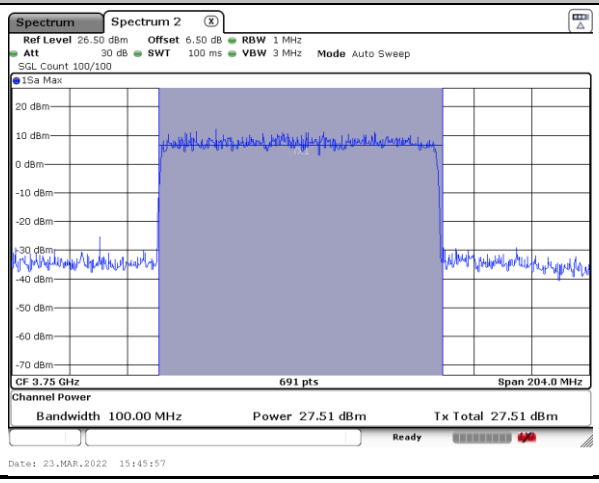


QPSK-A



QPSK-P

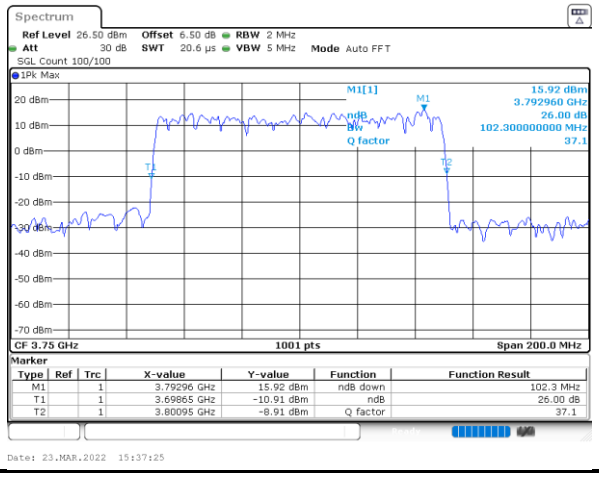


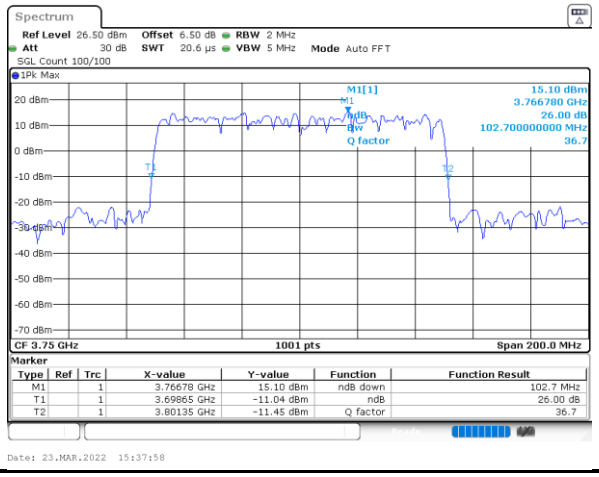
16QAM-A	16QAM-P
	
64QAM-A	**64QAM-P**
	
256QAM-A	**256QAM-P**
	

26dB Bandwidth

Mode	FR1 n78 : 26dB BW(MHz) / DFT-S OFDM	
BW	100M	
Mod.	QPSK	16QAM
Middle CH	102.3	102.7

100M	
QPSK	16QAM

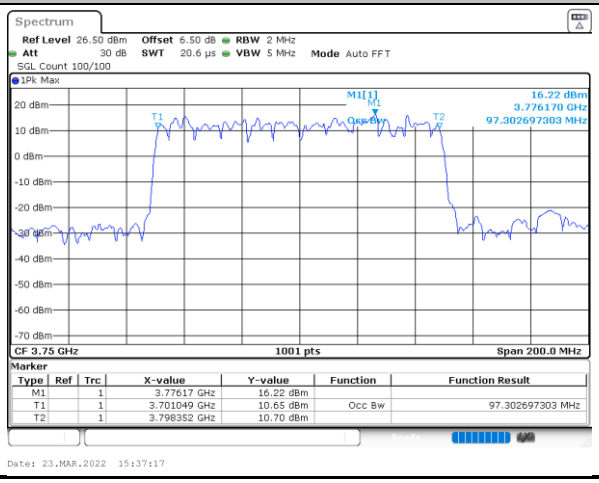


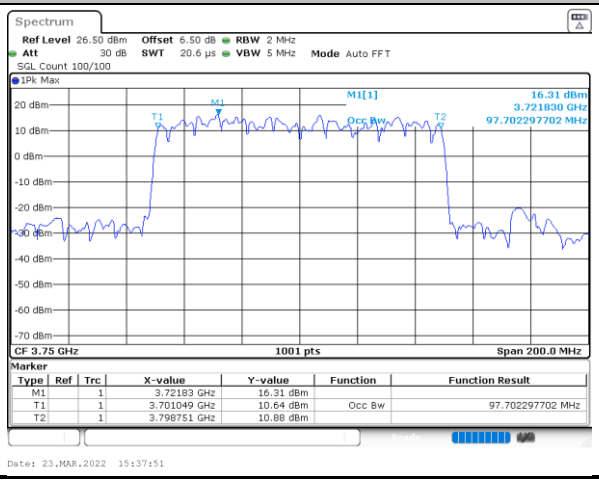


Occupied Bandwidth

Mode	FR1 n78: OB BW(MHz) / DFT-S OFDM	
BW	100M	
Mod.	QPSK	16QAM
Middle CH	97.30	97.70

100M	
QPSK	16QAM

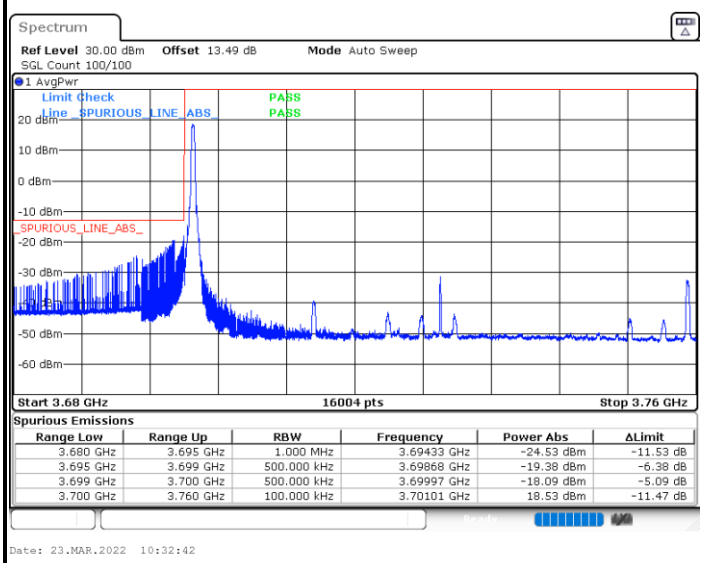




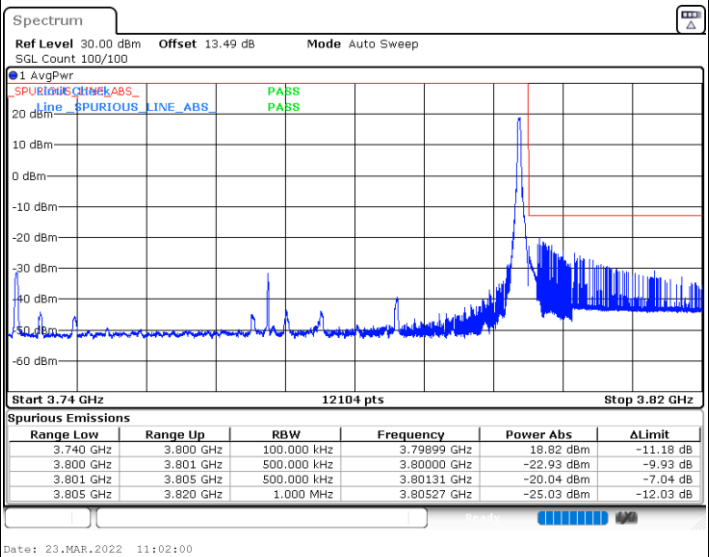
Conducted Band Edge

FR1 n78/ 60MHz / DFT-S OFDM / PI/2 BPSK

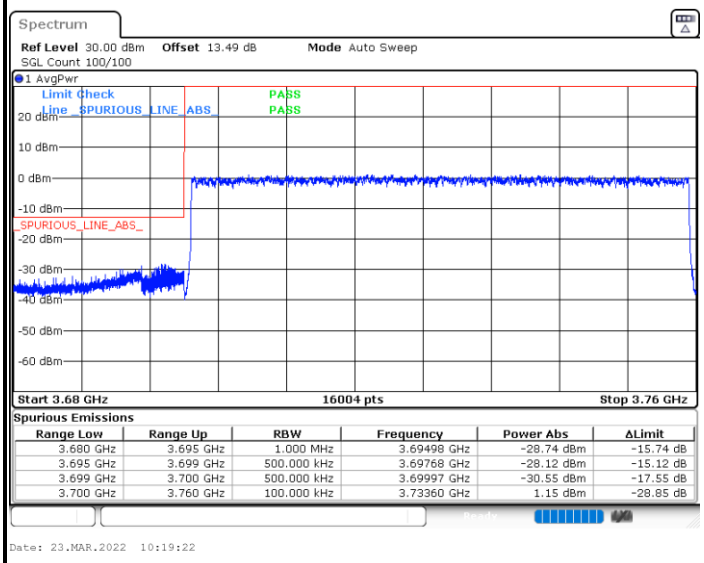
Lowest Band Edge / 1RB0



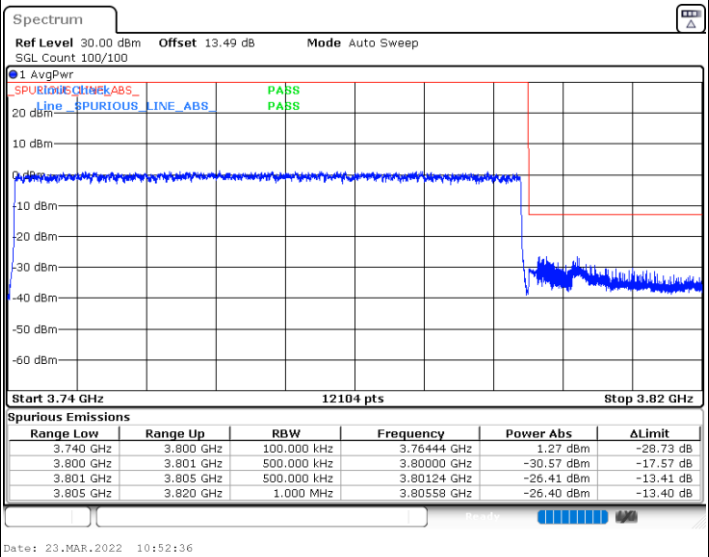
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

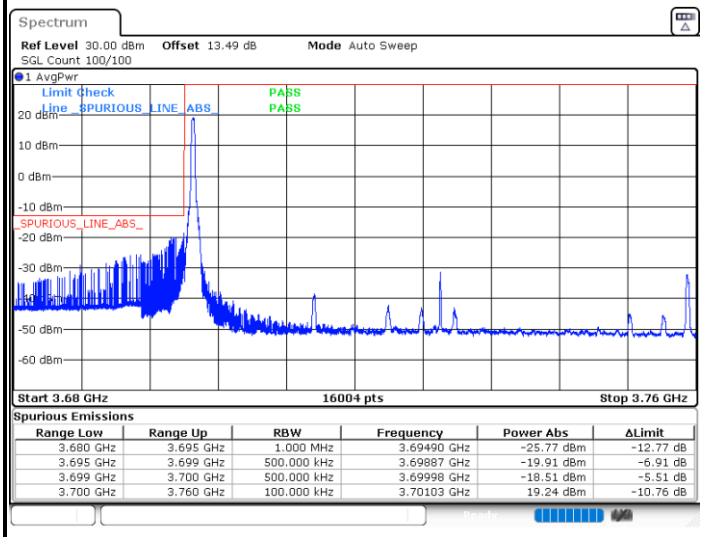


Highest Band Edge / Full RB



FR1 n78 / 60MHz / 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	3.69490 GHz	-25.77 dBm	-12.77 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69887 GHz	-19.91 dBm	-6.91 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69998 GHz	-18.51 dBm	-5.51 dB
3.700 GHz	3.760 GHz	100.000 kHz	3.70103 GHz	19.24 dBm	-10.76 dB

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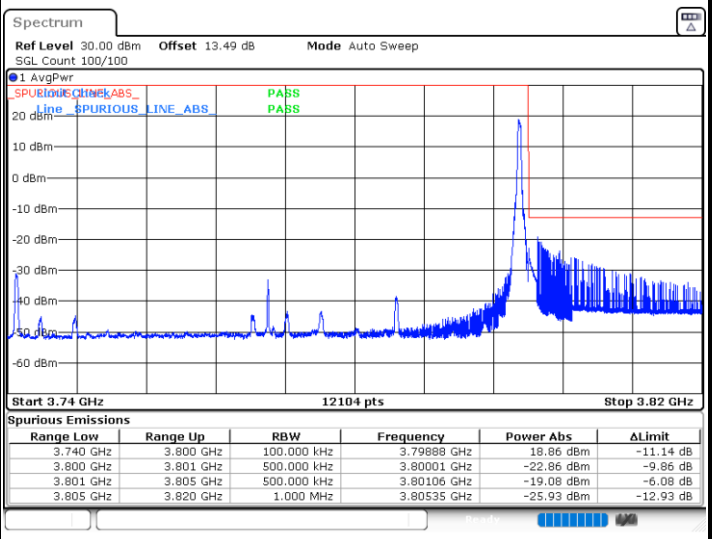
Highest Band Edge / 1RBmax

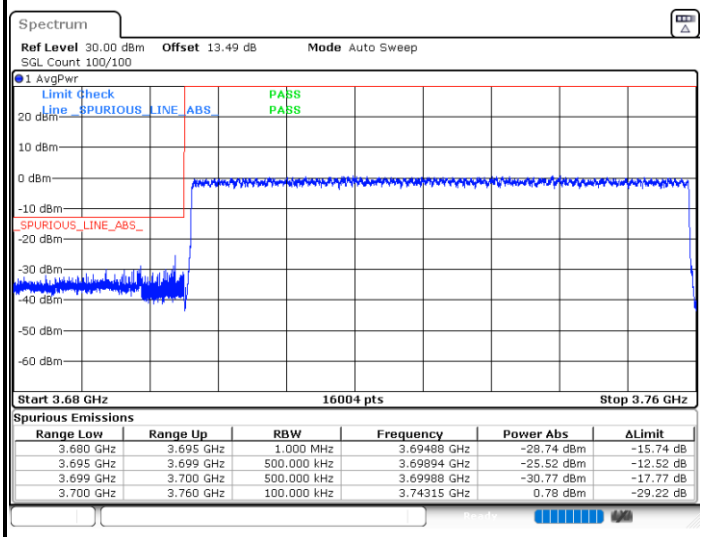


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.740 GHz	3.800 GHz	100.000 kHz	3.79888 GHz	18.86 dBm	-11.14 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80001 GHz	-22.86 dBm	-9.86 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80106 GHz	-19.08 dBm	-6.08 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80535 GHz	-25.93 dBm	-12.93 dB

Date: 23.MAR.2022 11:01:15

Lowest Band Edge / Full RB

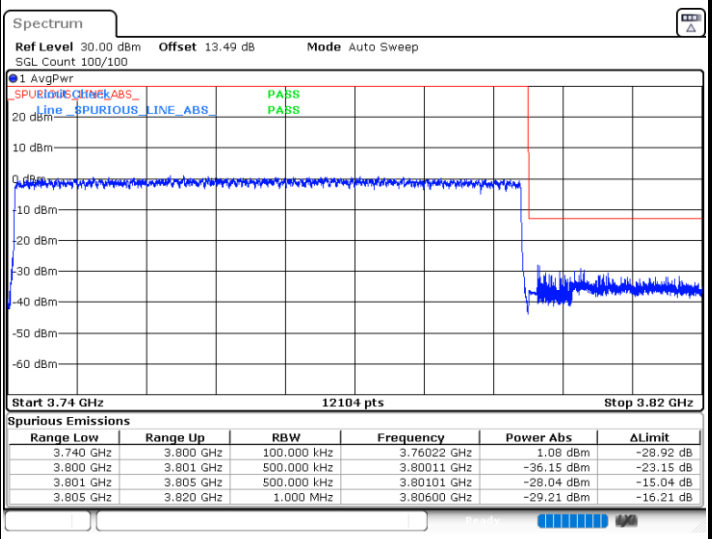


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69488 GHz	-28.74 dBm	-15.74 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69894 GHz	-25.52 dBm	-12.52 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69988 GHz	-30.77 dBm	-17.77 dB
3.700 GHz	3.760 GHz	100.000 kHz	3.74315 GHz	0.78 dBm	-29.22 dB

Date: 23.MAR.2022 10:21:34

Highest Band Edge / Full RB



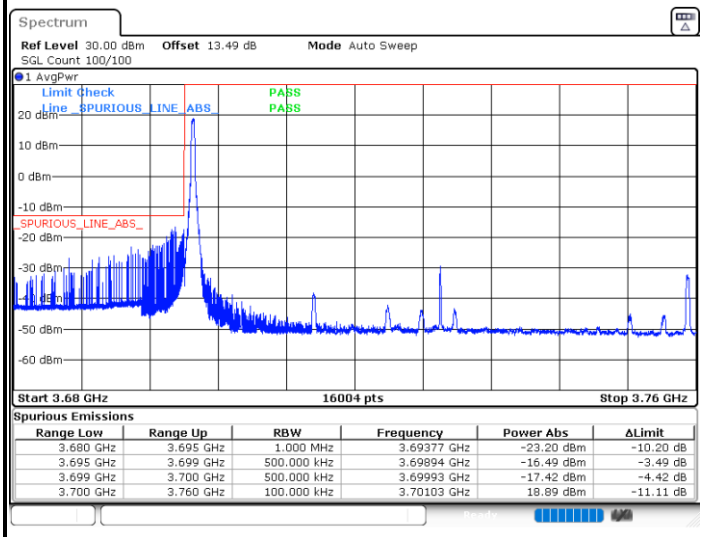
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.740 GHz	3.800 GHz	100.000 kHz	3.76022 GHz	1.08 dBm	-28.92 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80011 GHz	-36.15 dBm	-23.15 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80101 GHz	-28.04 dBm	-15.04 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80600 GHz	-29.21 dBm	-16.21 dB

Date: 23.MAR.2022 10:55:15

FR1 n78 / 60MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

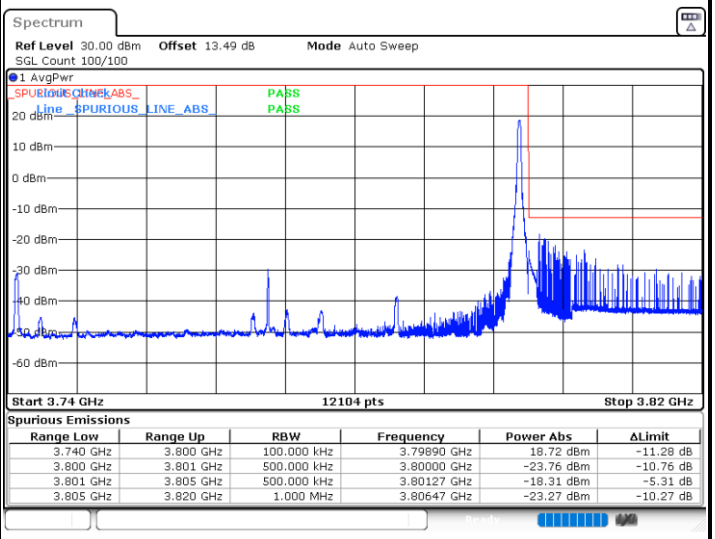


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69377 GHz	-23.20 dBm	-10.20 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69894 GHz	-16.49 dBm	-3.49 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69993 GHz	-17.42 dBm	-4.42 dB
3.700 GHz	3.760 GHz	100.000 kHz	3.70103 GHz	18.89 dBm	-11.11 dB

Date: 23.MAR.2022 10:31:05

Highest Band Edge / 1RBmax

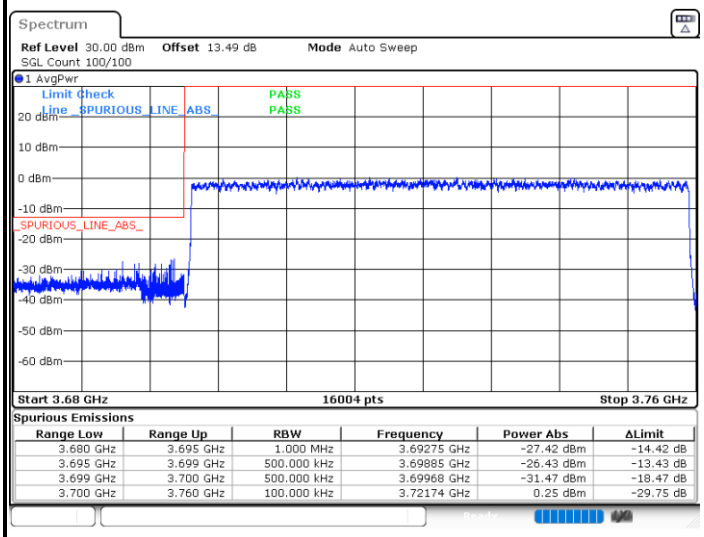


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.740 GHz	3.800 GHz	100.000 kHz	3.79890 GHz	18.72 dBm	-11.28 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80000 GHz	-23.76 dBm	-10.76 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80127 GHz	-18.31 dBm	-5.31 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80647 GHz	-23.27 dBm	-10.27 dB

Date: 23.MAR.2022 11:00:38

Lowest Band Edge / Full RB

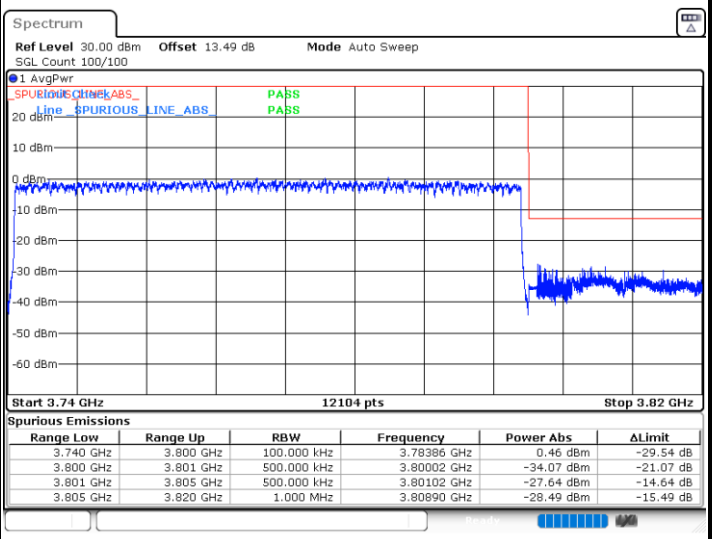


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69275 GHz	-27.42 dBm	-14.42 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69885 GHz	-26.43 dBm	-13.43 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69968 GHz	-31.47 dBm	-18.47 dB
3.700 GHz	3.760 GHz	100.000 kHz	3.72174 GHz	0.25 dBm	-29.75 dB

Date: 23.MAR.2022 10:22:28

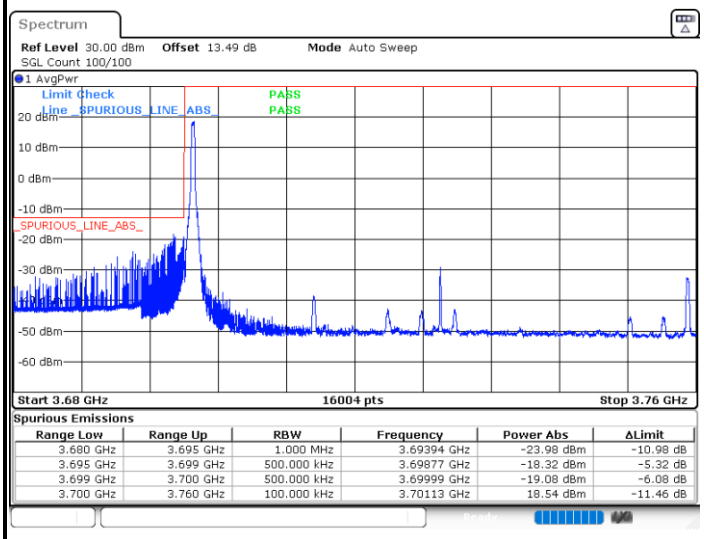
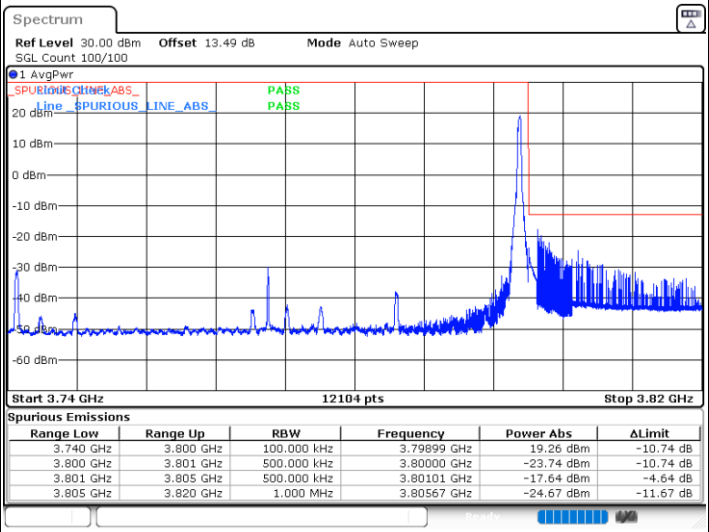
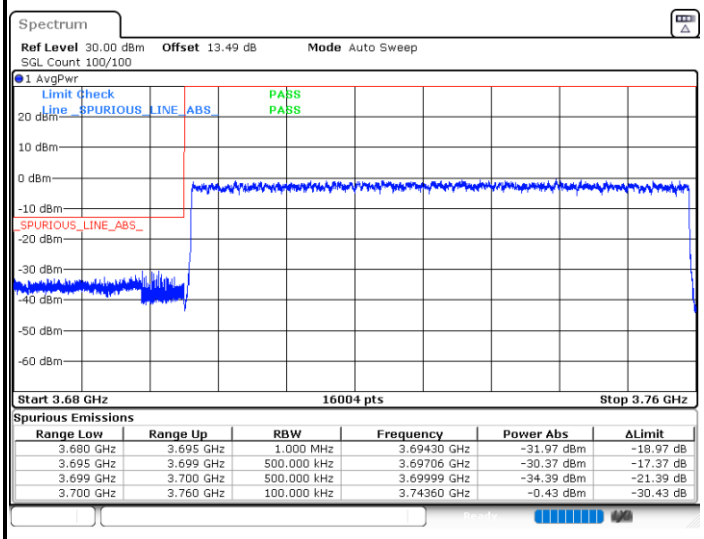
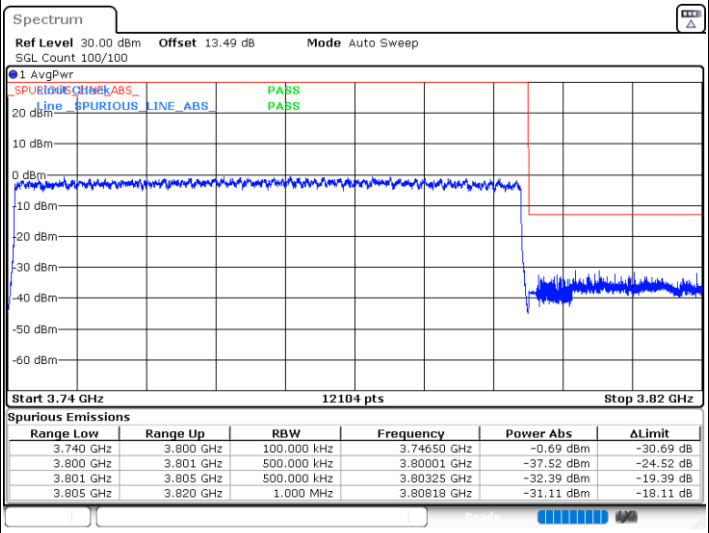
Highest Band Edge / Full RB



Spurious Emissions

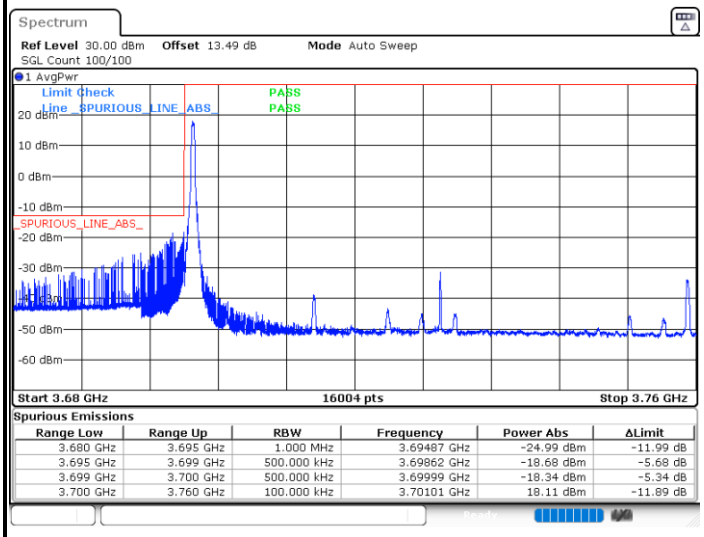
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.740 GHz	3.800 GHz	100.000 kHz	3.78386 GHz	0.46 dBm	-29.54 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80002 GHz	-34.07 dBm	-21.07 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80102 GHz	-27.64 dBm	-14.64 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80890 GHz	-28.49 dBm	-15.49 dB

Date: 23.MAR.2022 10:56:40

FR1 n78 / 60MHz / DFT-S OFDM / 64Q	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n78 / 60MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

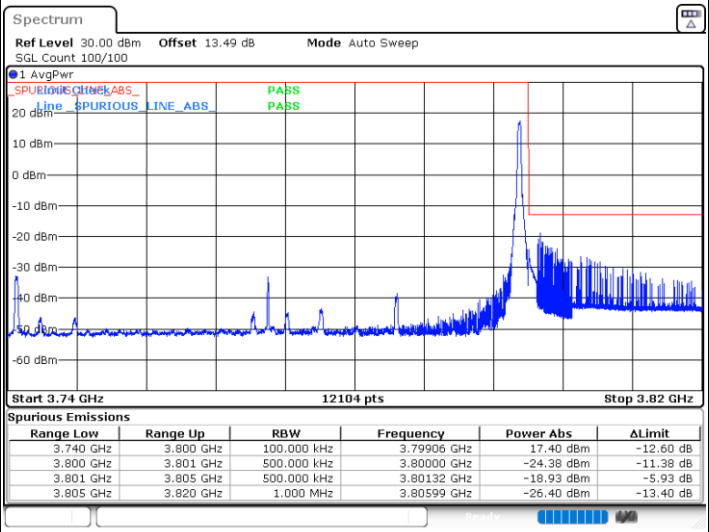


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69487 GHz	-24.99 dBm	-11.99 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69862 GHz	-18.68 dBm	-5.68 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69999 GHz	-18.34 dBm	-5.34 dB
3.700 GHz	3.760 GHz	100.000 kHz	3.70101 GHz	18.11 dBm	-11.89 dB

Date: 23.MAR.2022 10:29:25

Highest Band Edge / 1RBmax

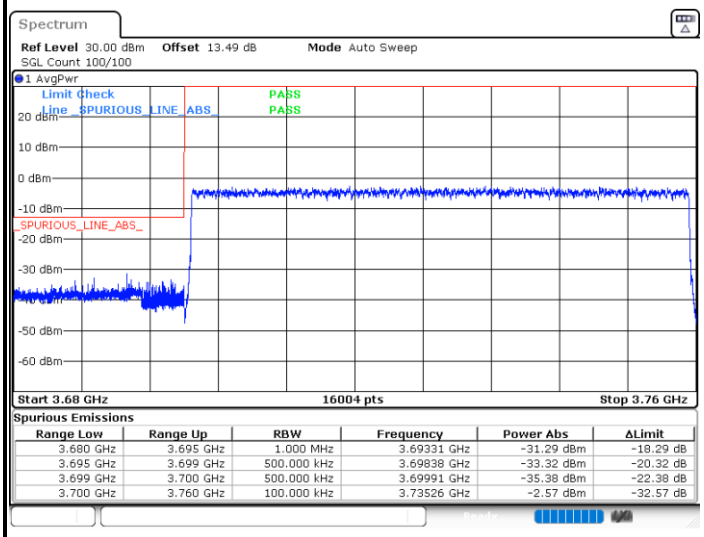


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.740 GHz	3.800 GHz	100.000 kHz	3.79906 GHz	17.40 dBm	-12.60 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80000 GHz	-24.38 dBm	-11.38 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80132 GHz	-18.93 dBm	-5.93 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80599 GHz	-26.40 dBm	-13.40 dB

Date: 23.MAR.2022 10:59:12

Lowest Band Edge / Full RB

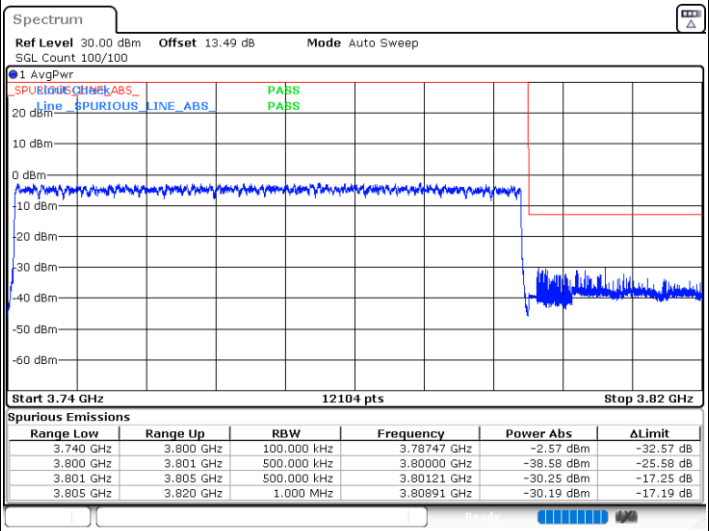


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69331 GHz	-31.29 dBm	-18.29 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69838 GHz	-33.32 dBm	-20.32 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69991 GHz	-35.38 dBm	-22.38 dB
3.700 GHz	3.760 GHz	100.000 kHz	3.73526 GHz	-2.57 dBm	-32.57 dB

Date: 23.MAR.2022 10:24:37

Highest Band Edge / Full RB



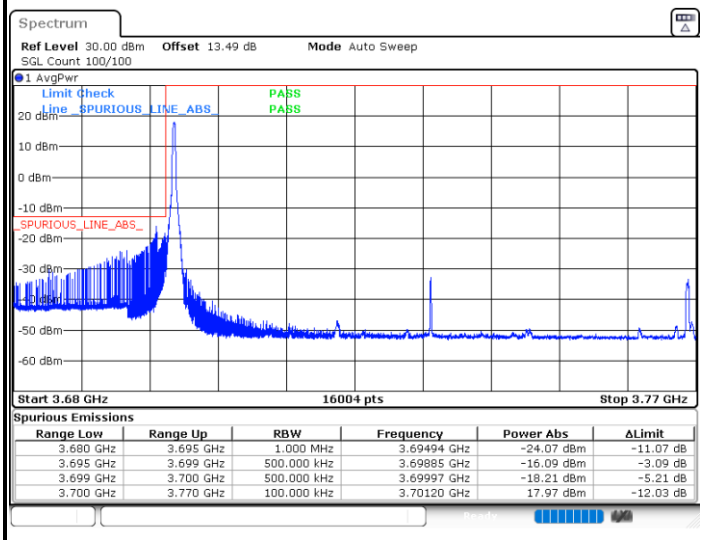
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.740 GHz	3.800 GHz	100.000 kHz	3.78747 GHz	-2.57 dBm	-32.57 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80000 GHz	-38.58 dBm	-25.58 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80121 GHz	-30.25 dBm	-17.25 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80891 GHz	-30.19 dBm	-17.19 dB

Date: 23.MAR.2022 10:58:29

FR1 n78/ 70MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

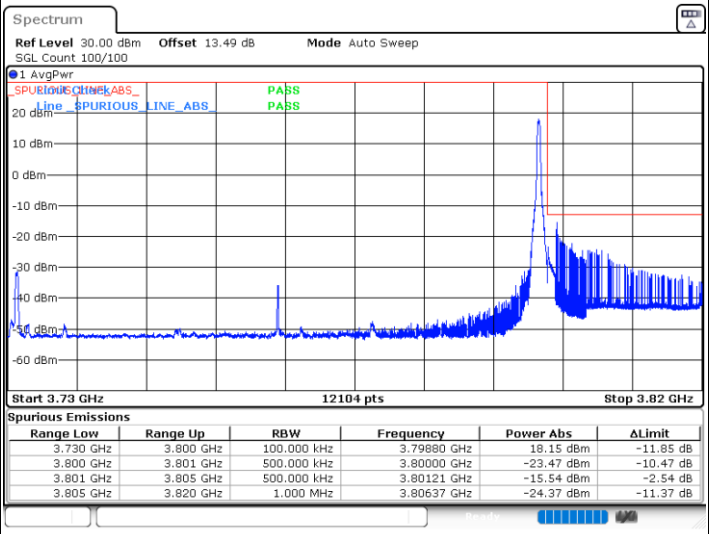


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69494 GHz	-24.07 dBm	-11.07 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69885 GHz	-16.09 dBm	-3.09 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69997 GHz	-18.21 dBm	-5.21 dB
3.700 GHz	3.770 GHz	100.000 kHz	3.70120 GHz	17.97 dBm	-12.03 dB

Date: 23.MAR.2022 12:50:29

Highest Band Edge / 1RBmax

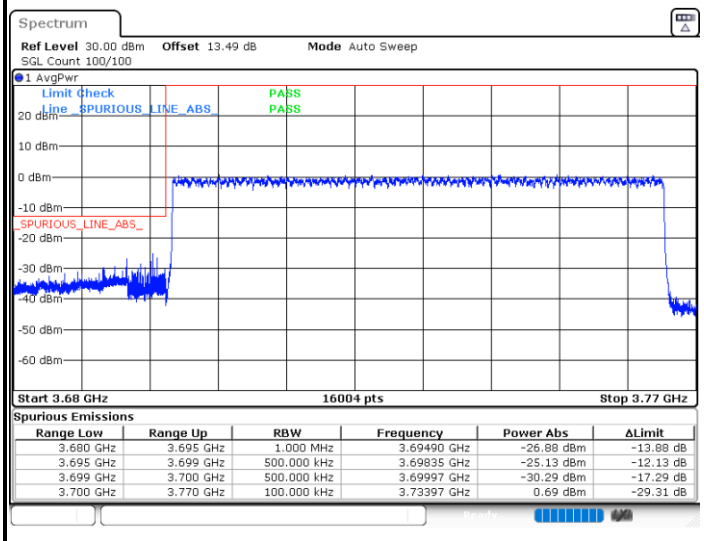


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.730 GHz	3.800 GHz	100.000 kHz	3.79880 GHz	18.15 dBm	-11.85 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80000 GHz	-23.47 dBm	-10.47 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80121 GHz	-15.54 dBm	-2.54 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80637 GHz	-24.37 dBm	-11.37 dB

Date: 23.MAR.2022 13:38:07

Lowest Band Edge / Full RB

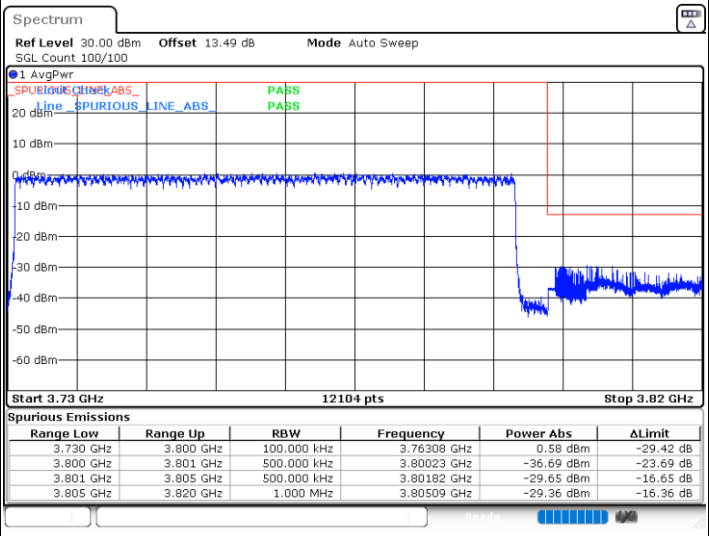


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69490 GHz	-26.88 dBm	-13.88 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69835 GHz	-25.13 dBm	-12.13 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69997 GHz	-30.29 dBm	-17.29 dB
3.700 GHz	3.770 GHz	100.000 kHz	3.73397 GHz	0.69 dBm	-29.31 dB

Date: 23.MAR.2022 12:44:12

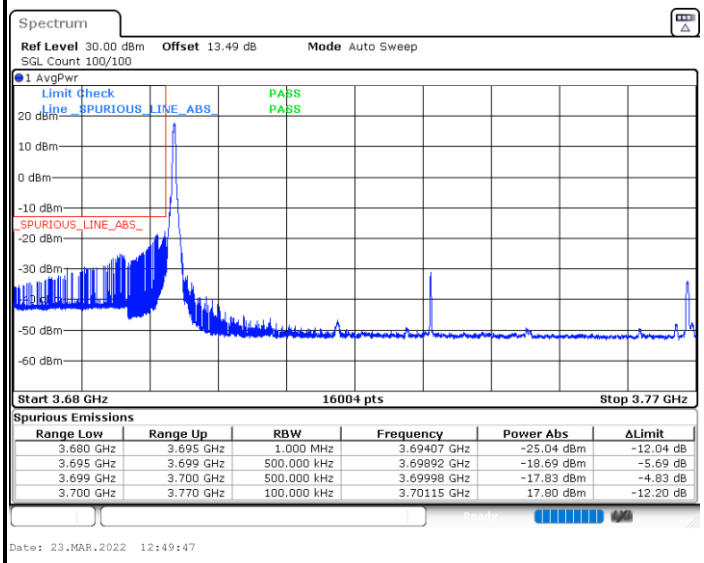
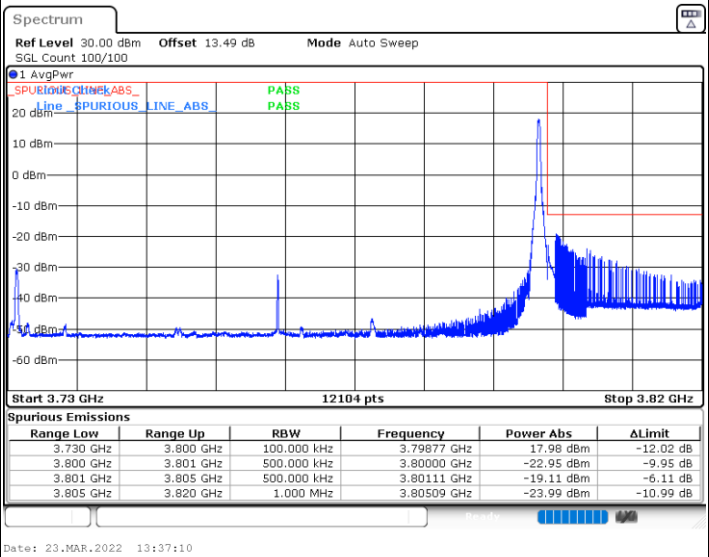
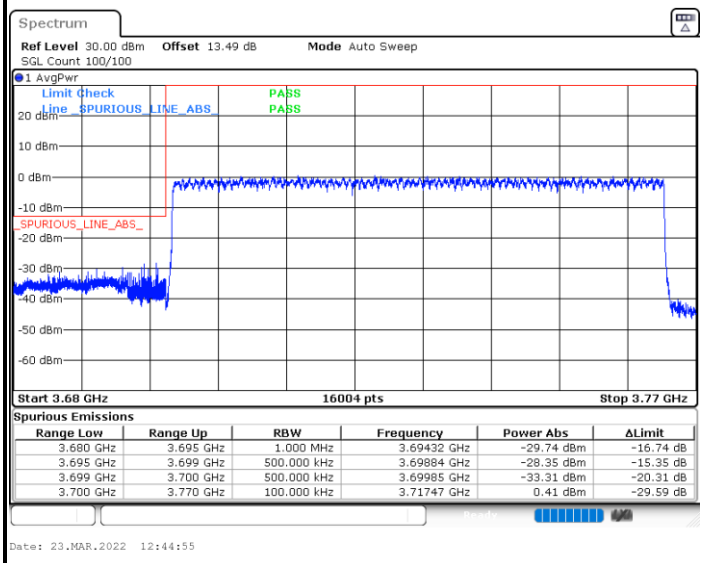
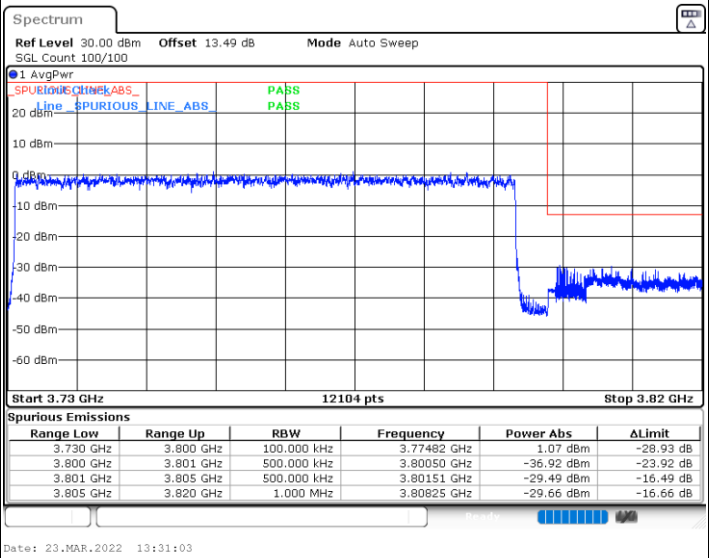
Highest Band Edge / Full RB



Spurious Emissions

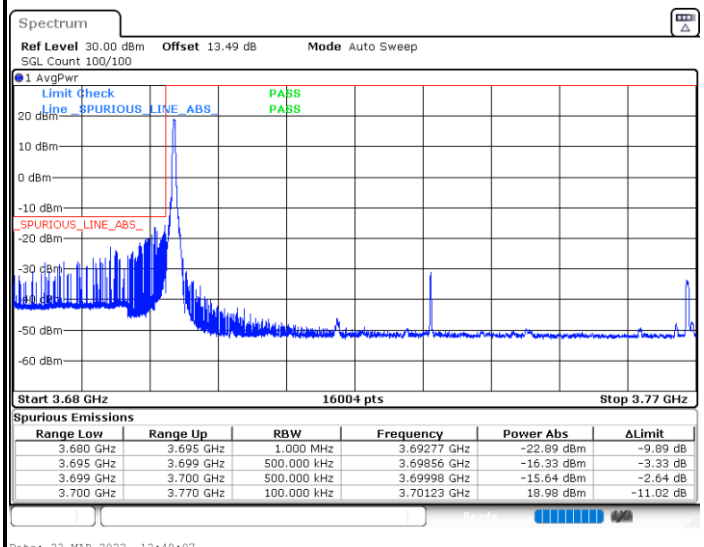
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.730 GHz	3.800 GHz	100.000 kHz	3.76308 GHz	0.58 dBm	-29.42 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80023 GHz	-36.69 dBm	-23.69 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80182 GHz	-29.65 dBm	-16.65 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80509 GHz	-29.36 dBm	-16.36 dB

Date: 23.MAR.2022 13:29:39

FR1 n78 / 70MHz / DFT-S OFDM / QPSK	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n78 / 70MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

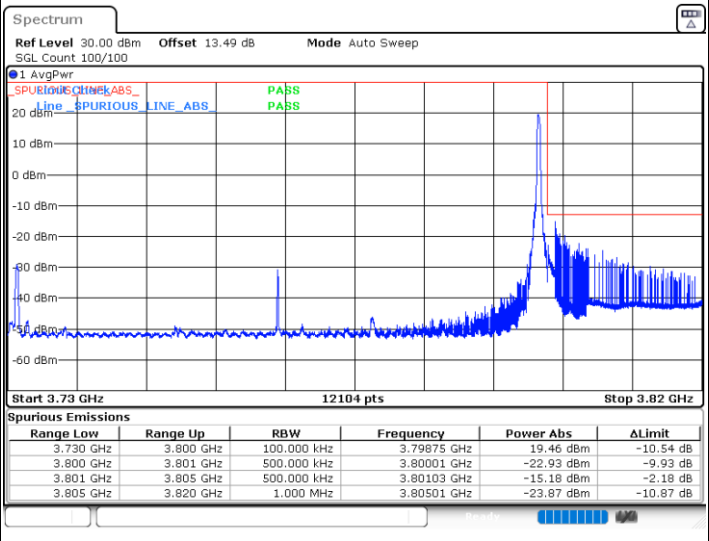


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69277 GHz	-22.89 dBm	-9.89 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69856 GHz	-16.33 dBm	-3.33 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69998 GHz	-15.64 dBm	-2.64 dB
3.700 GHz	3.770 GHz	100.000 kHz	3.70123 GHz	18.98 dBm	-11.02 dB

Date: 23.MAR.2022 12:49:07

Highest Band Edge / 1RBmax

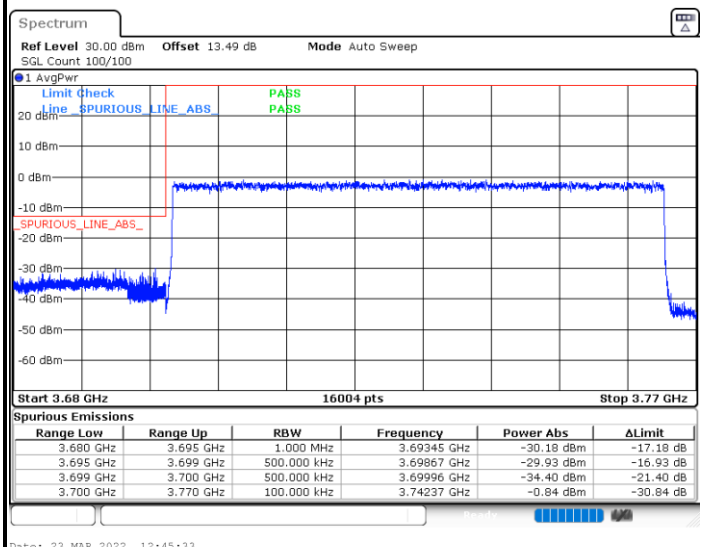


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.730 GHz	3.800 GHz	100.000 kHz	3.79875 GHz	19.46 dBm	-10.54 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80001 GHz	-22.93 dBm	-9.93 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80103 GHz	-15.18 dBm	-2.18 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80501 GHz	-23.87 dBm	-10.87 dB

Date: 23.MAR.2022 13:36:28

Lowest Band Edge / Full RB

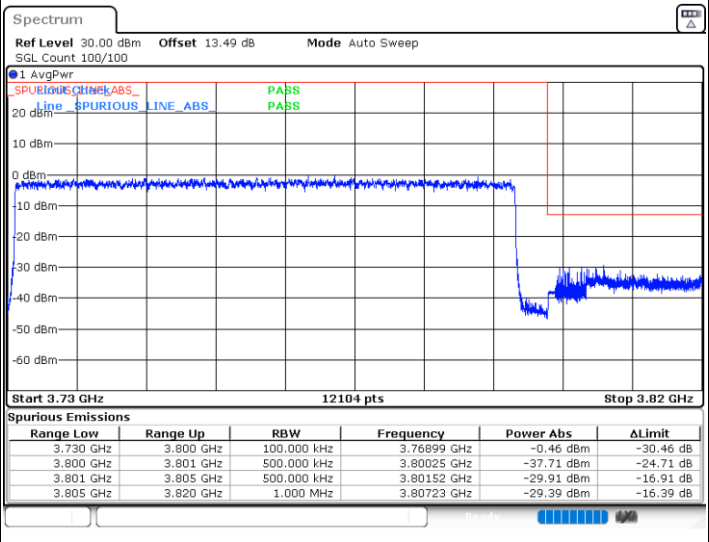


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69345 GHz	-30.18 dBm	-17.18 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69867 GHz	-29.93 dBm	-16.93 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69996 GHz	-34.40 dBm	-21.40 dB
3.700 GHz	3.770 GHz	100.000 kHz	3.74237 GHz	-0.84 dBm	-30.84 dB

Date: 23.MAR.2022 12:45:33

Highest Band Edge / Full RB



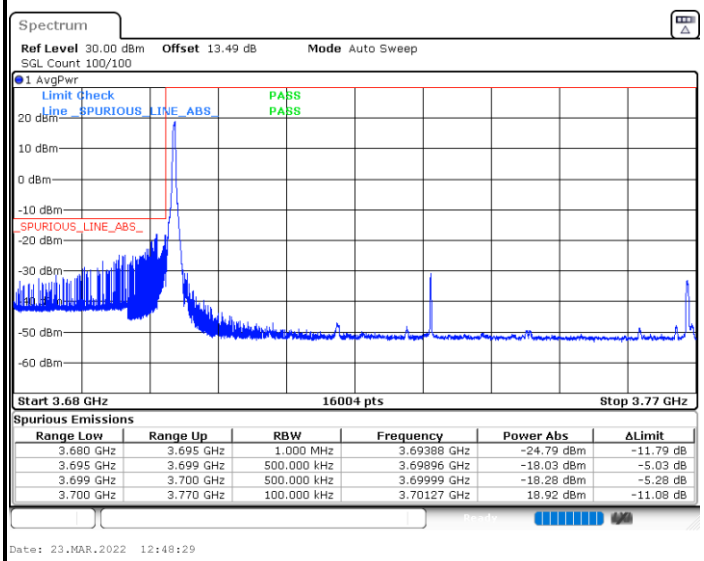
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.730 GHz	3.800 GHz	100.000 kHz	3.76899 GHz	-0.46 dBm	-30.46 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80025 GHz	-37.71 dBm	-24.71 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80152 GHz	-29.91 dBm	-16.91 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80723 GHz	-29.39 dBm	-16.39 dB

Date: 23.MAR.2022 13:31:46

FR1 n78 / 70MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

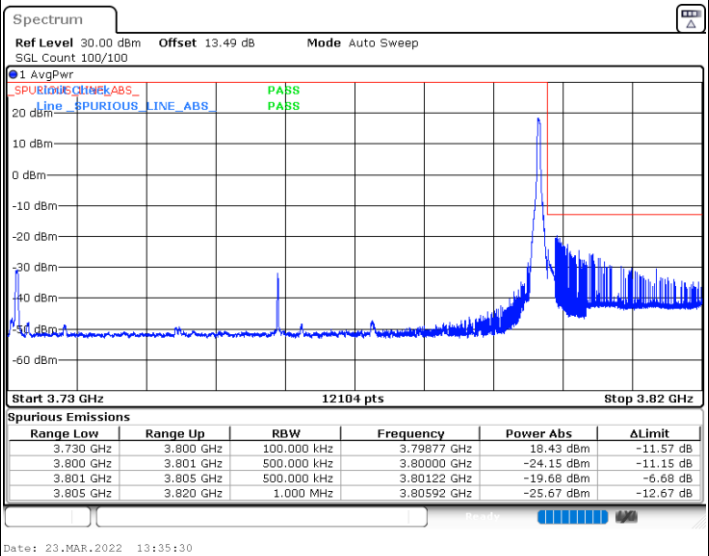


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69388 GHz	-24.79 dBm	-11.79 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69896 GHz	-18.03 dBm	-5.03 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69999 GHz	-18.28 dBm	-5.28 dB
3.700 GHz	3.770 GHz	100.000 kHz	3.70127 GHz	18.92 dBm	-11.08 dB

Date: 23.MAR.2022 12:48:29

Highest Band Edge / 1RBmax

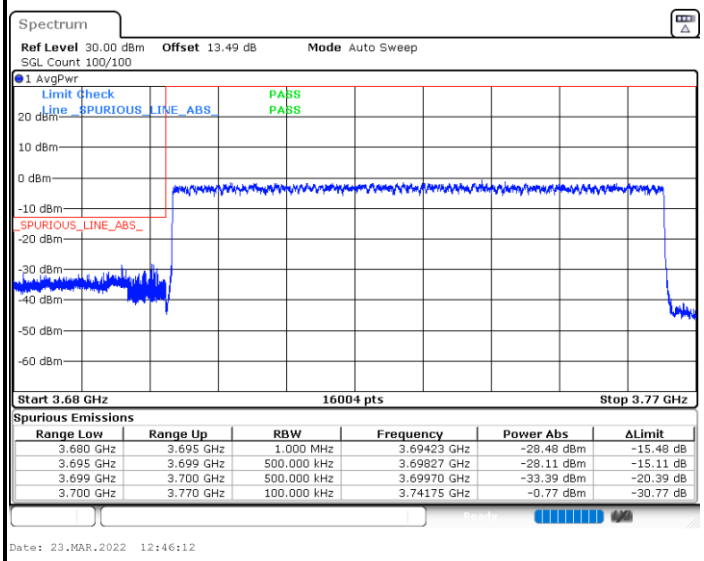


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.730 GHz	3.800 GHz	100.000 kHz	3.79877 GHz	18.43 dBm	-11.57 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80000 GHz	-24.15 dBm	-11.15 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80122 GHz	-19.68 dBm	-6.68 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80592 GHz	-25.67 dBm	-12.67 dB

Date: 23.MAR.2022 13:35:30

Lowest Band Edge / Full RB

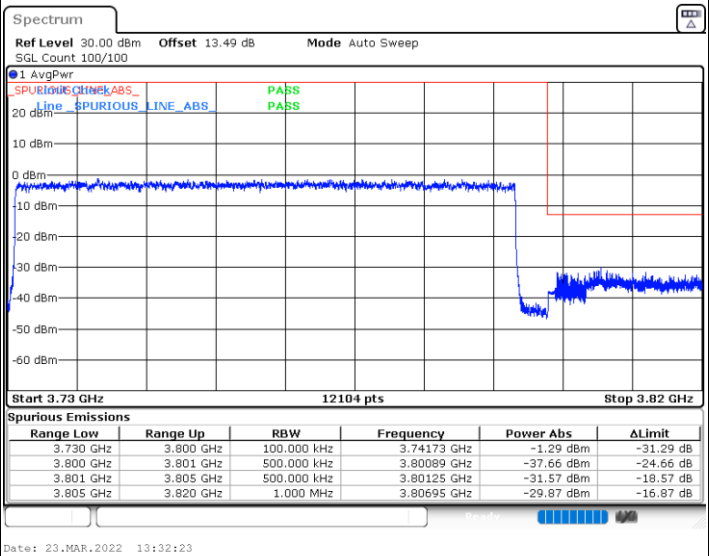


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69423 GHz	-28.48 dBm	-15.48 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69827 GHz	-28.11 dBm	-15.11 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69970 GHz	-33.39 dBm	-20.39 dB
3.700 GHz	3.770 GHz	100.000 kHz	3.74175 GHz	-0.77 dBm	-30.77 dB

Date: 23.MAR.2022 12:46:12

Highest Band Edge / Full RB



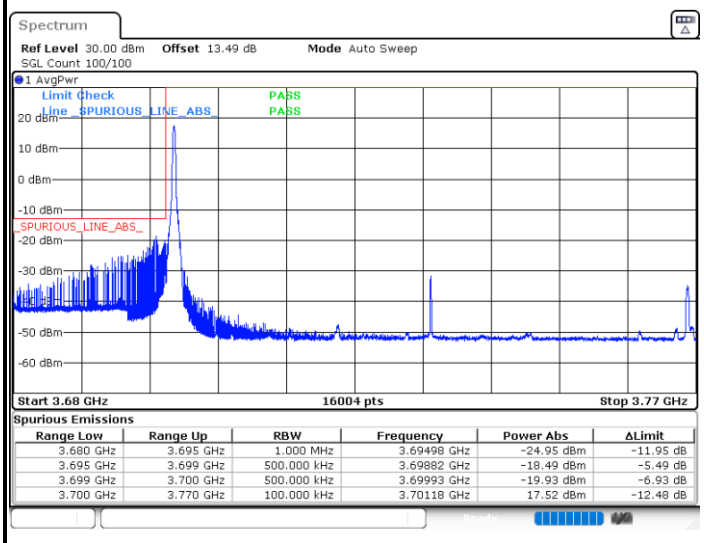
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.730 GHz	3.800 GHz	100.000 kHz	3.74173 GHz	-1.29 dBm	-31.29 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80089 GHz	-37.66 dBm	-24.66 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80125 GHz	-31.57 dBm	-18.57 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80695 GHz	-29.87 dBm	-16.87 dB

Date: 23.MAR.2022 13:32:23

FR1 n78 / 70MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

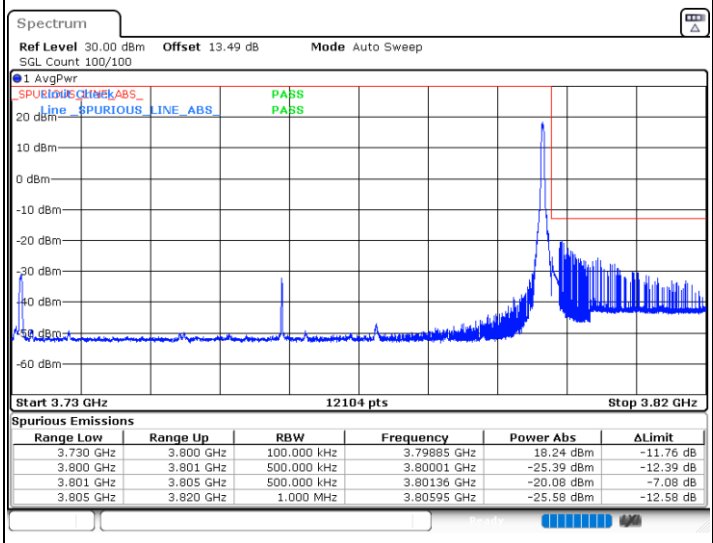


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69498 GHz	-24.95 dBm	-11.95 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69882 GHz	-18.49 dBm	-5.49 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69993 GHz	-19.93 dBm	-6.93 dB
3.700 GHz	3.770 GHz	100.000 kHz	3.70118 GHz	17.52 dBm	-12.48 dB

Date: 23.MAR.2022 12:47:47

Highest Band Edge / 1RBmax

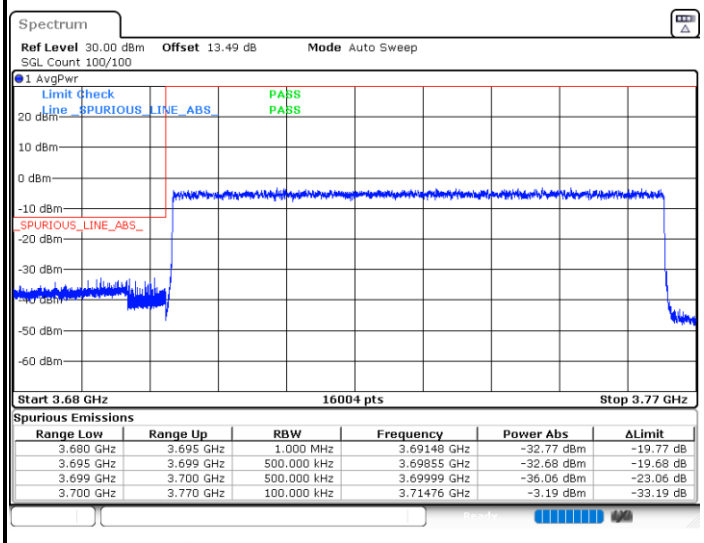


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.730 GHz	3.800 GHz	100.000 kHz	3.79885 GHz	18.24 dBm	-11.76 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80001 GHz	-25.39 dBm	-12.39 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80136 GHz	-20.08 dBm	-7.08 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80595 GHz	-25.58 dBm	-12.58 dB

Date: 23.MAR.2022 13:34:49

Lowest Band Edge / Full RB

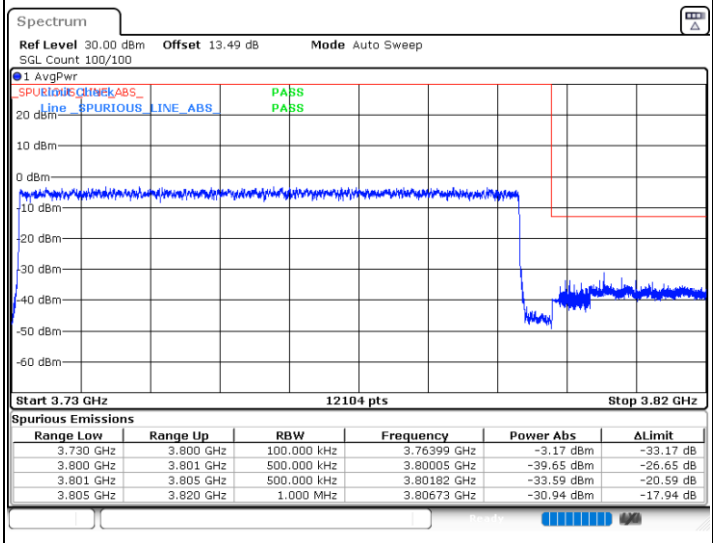


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69148 GHz	-32.77 dBm	-19.77 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69855 GHz	-32.68 dBm	-19.68 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69999 GHz	-36.06 dBm	-23.06 dB
3.700 GHz	3.770 GHz	100.000 kHz	3.71476 GHz	-3.19 dBm	-33.19 dB

Date: 23.MAR.2022 12:46:57

Highest Band Edge / Full RB



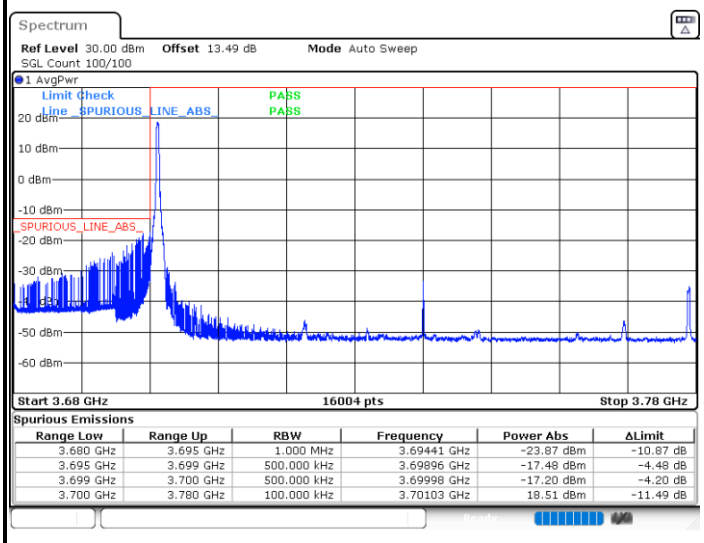
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.730 GHz	3.800 GHz	100.000 kHz	3.76399 GHz	-3.17 dBm	-33.17 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80005 GHz	-39.65 dBm	-26.65 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80182 GHz	-33.59 dBm	-20.59 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80673 GHz	-30.94 dBm	-17.94 dB

Date: 23.MAR.2022 13:33:51

FR1 n78 / 80MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

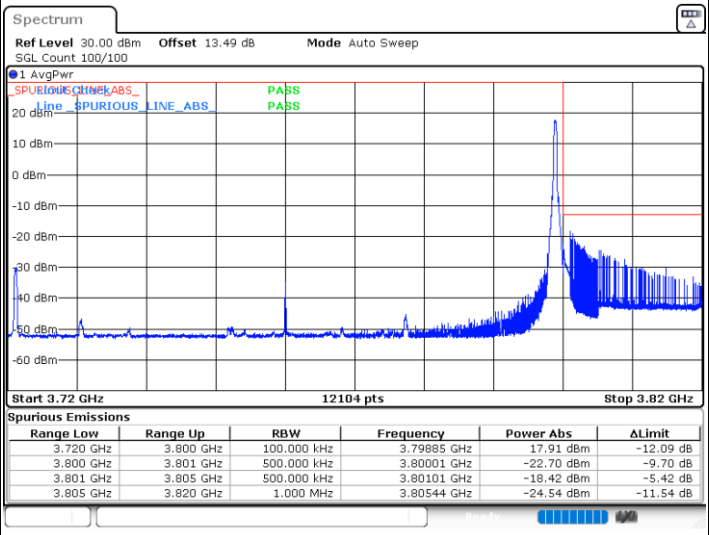


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69441 GHz	-23.87 dBm	-10.87 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69896 GHz	-17.48 dBm	-4.48 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69998 GHz	-17.20 dBm	-4.20 dB
3.700 GHz	3.780 GHz	100.000 kHz	3.70103 GHz	18.51 dBm	-11.49 dB

Date: 23.MAR.2022 13:52:28

Highest Band Edge / 1RBmax

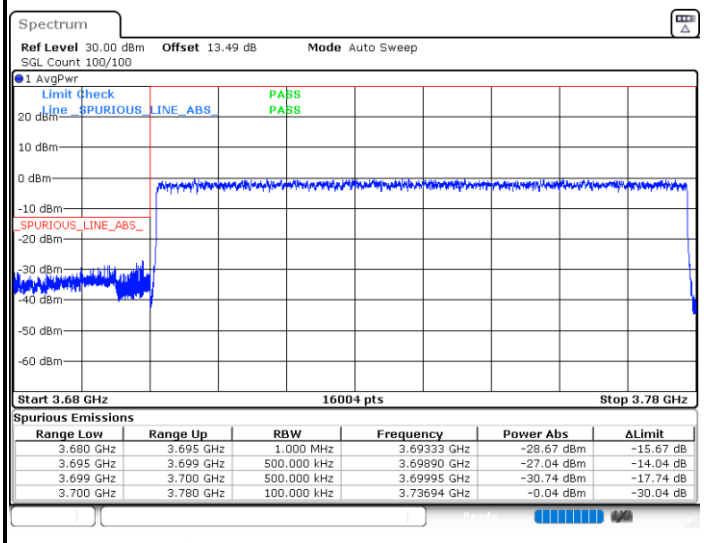


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.720 GHz	3.800 GHz	100.000 kHz	3.79885 GHz	17.91 dBm	-12.09 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80001 GHz	-22.70 dBm	-9.70 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80101 GHz	-18.42 dBm	-5.42 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80544 GHz	-24.54 dBm	-11.54 dB

Date: 23.MAR.2022 14:05:53

Lowest Band Edge / Full RB

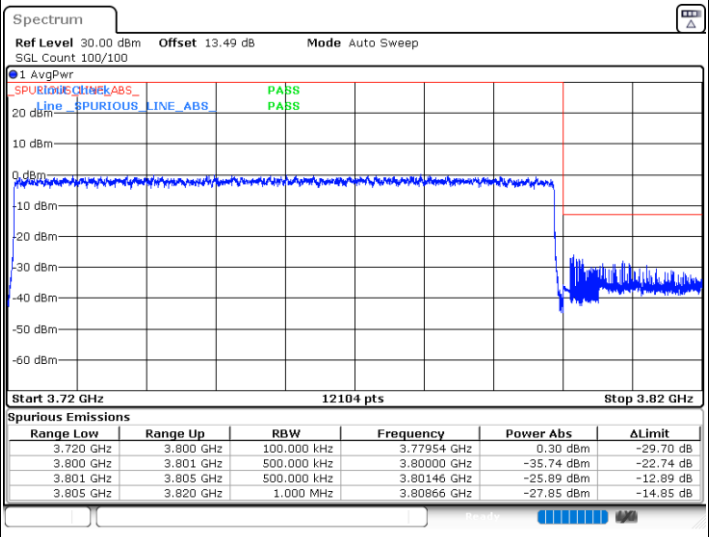


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69333 GHz	-28.67 dBm	-15.67 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69890 GHz	-27.04 dBm	-14.04 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69995 GHz	-30.74 dBm	-17.74 dB
3.700 GHz	3.780 GHz	100.000 kHz	3.73694 GHz	-0.04 dBm	-30.04 dB

Date: 23.MAR.2022 13:44:27

Highest Band Edge / Full RB



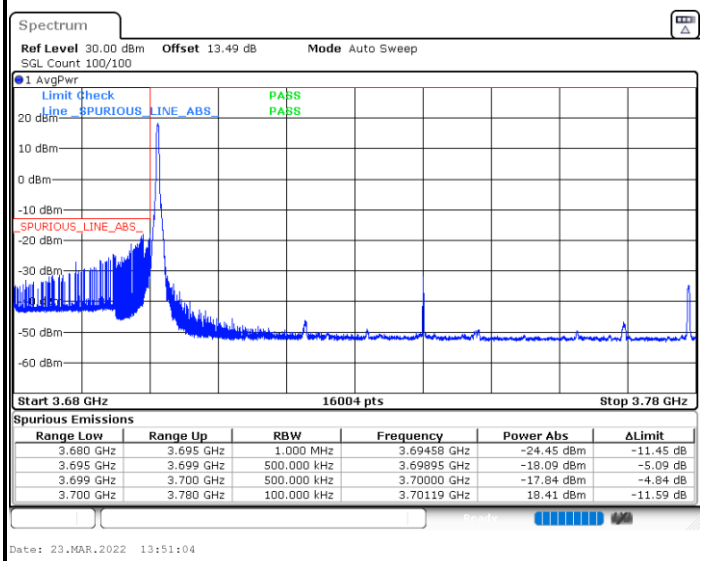
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.720 GHz	3.800 GHz	100.000 kHz	3.77954 GHz	0.30 dBm	-29.70 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80000 GHz	-35.74 dBm	-22.74 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80146 GHz	-25.89 dBm	-12.89 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80866 GHz	-27.85 dBm	-14.85 dB

Date: 23.MAR.2022 13:58:17

FR1 n78 / 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	3.69458 GHz	-24.45 dBm	-11.45 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69895 GHz	-18.09 dBm	-5.09 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.70000 GHz	-17.84 dBm	-4.84 dB
3.700 GHz	3.780 GHz	100.000 kHz	3.70119 GHz	18.41 dBm	-11.59 dB

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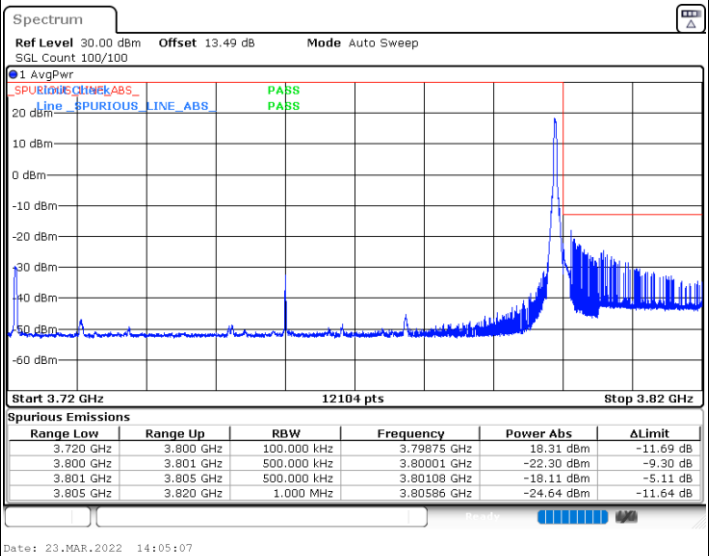
Highest Band Edge / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.720 GHz	3.800 GHz	100.000 kHz	3.79875 GHz	18.31 dBm	-11.69 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80001 GHz	-22.30 dBm	-9.30 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80108 GHz	-18.11 dBm	-5.11 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80586 GHz	-24.64 dBm	-11.64 dB

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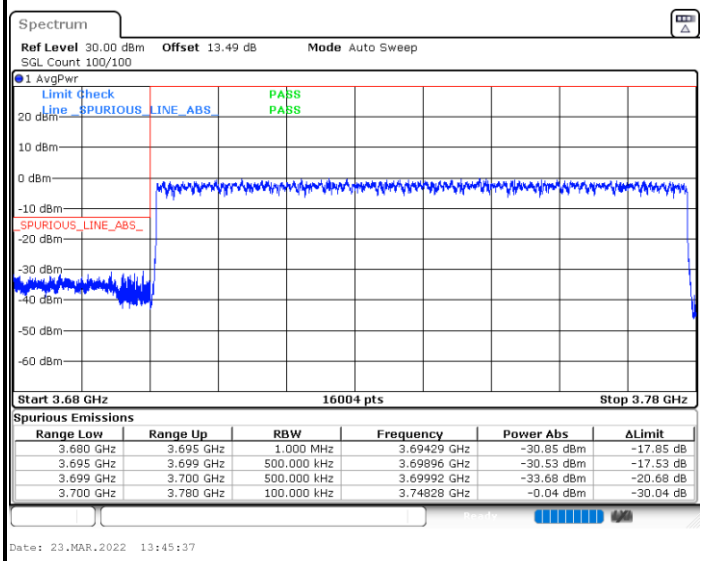
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69429 GHz	-30.85 dBm	-17.85 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69896 GHz	-30.53 dBm	-17.53 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69992 GHz	-33.68 dBm	-20.68 dB
3.700 GHz	3.780 GHz	100.000 kHz	3.74828 GHz	-0.04 dBm	-30.04 dB

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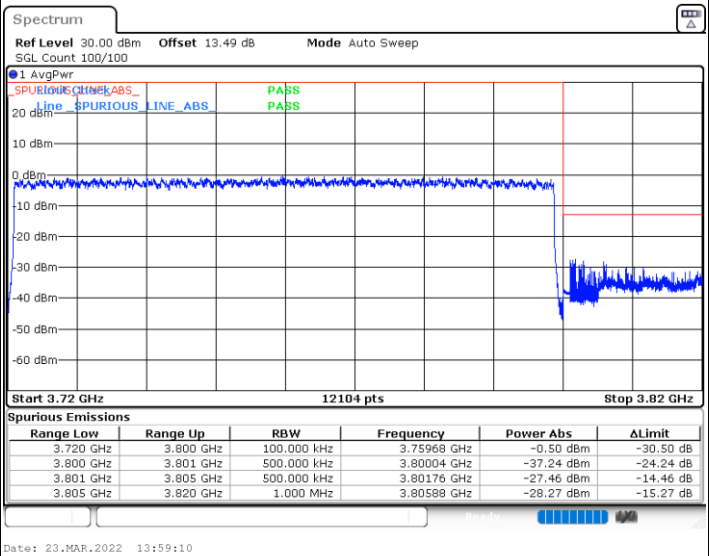
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.720 GHz	3.800 GHz	100.000 kHz	3.75968 GHz	-0.50 dBm	-30.50 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80004 GHz	-37.24 dBm	-24.24 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80176 GHz	-27.46 dBm	-14.46 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80588 GHz	-28.27 dBm	-15.27 dB

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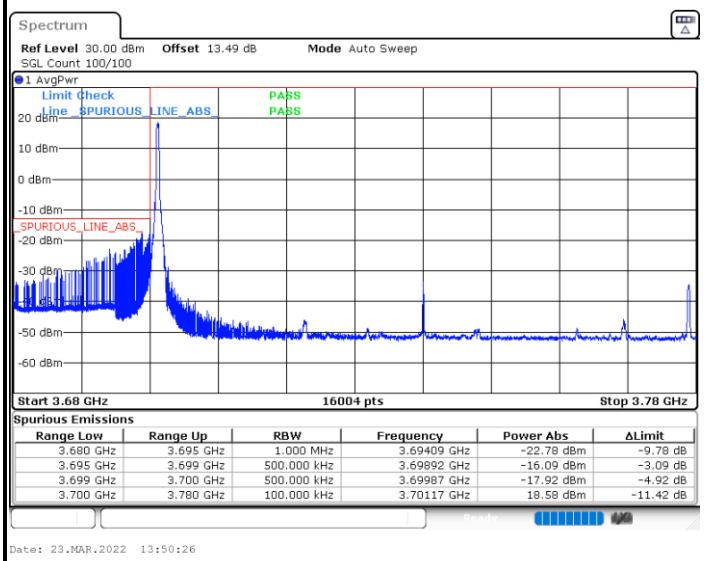
FR1 n78 / 80MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69409 GHz	-22.78 dBm	-9.78 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69892 GHz	-16.09 dBm	-3.09 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69987 GHz	-17.92 dBm	-4.92 dB
3.700 GHz	3.780 GHz	100.000 kHz	3.70117 GHz	18.58 dBm	-11.42 dB

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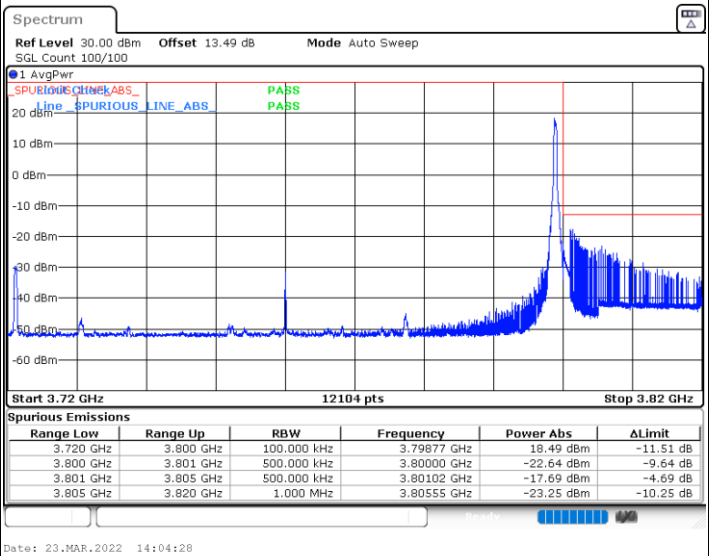
Highest Band Edge / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.720 GHz	3.800 GHz	100.000 kHz	3.79877 GHz	18.49 dBm	-11.51 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80000 GHz	-22.64 dBm	-9.64 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80102 GHz	-17.69 dBm	-4.69 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80555 GHz	-23.25 dBm	-10.25 dB

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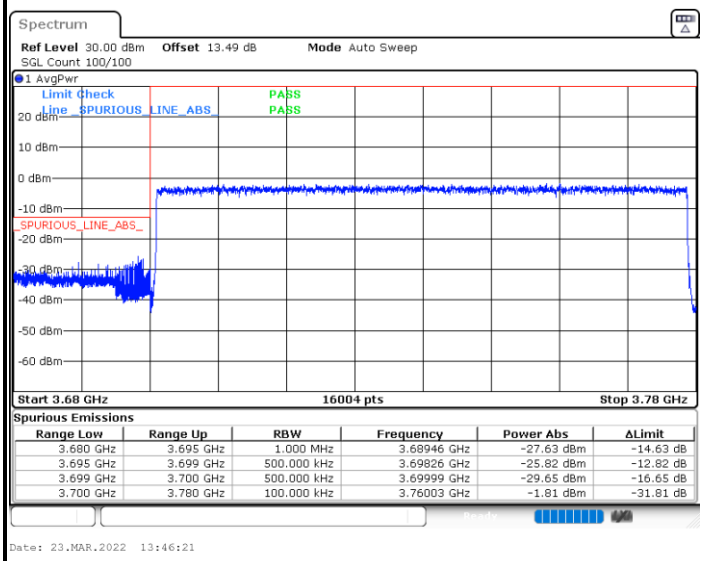
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.68946 GHz	-27.63 dBm	-14.63 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69826 GHz	-25.82 dBm	-12.82 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69999 GHz	-29.65 dBm	-16.65 dB
3.700 GHz	3.780 GHz	100.000 kHz	3.76003 GHz	-1.81 dBm	-31.81 dB

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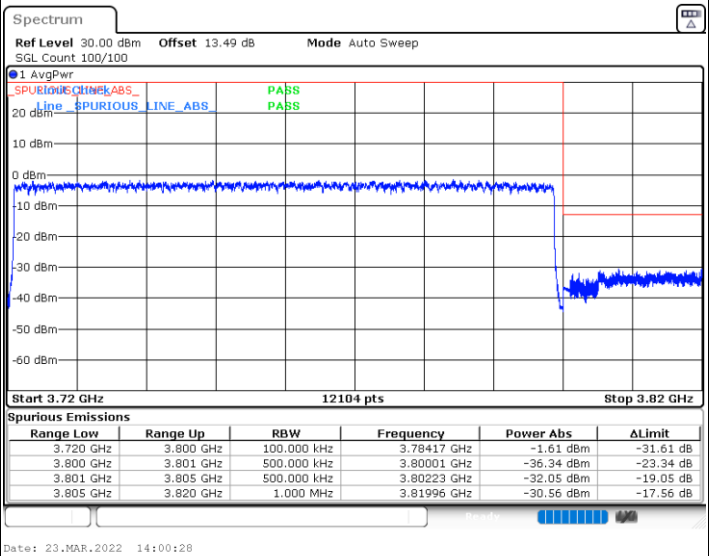
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.720 GHz	3.800 GHz	100.000 kHz	3.78417 GHz	-1.61 dBm	-31.61 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80001 GHz	-36.34 dBm	-23.34 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80223 GHz	-32.05 dBm	-19.05 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.81996 GHz	-30.56 dBm	-17.56 dB

Date: 23.MAR.2022 14:00:28