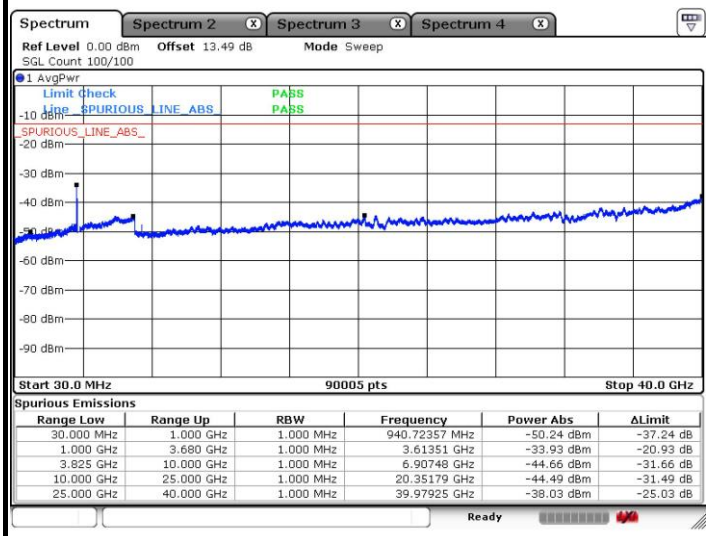
FR1 n78 / 90MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

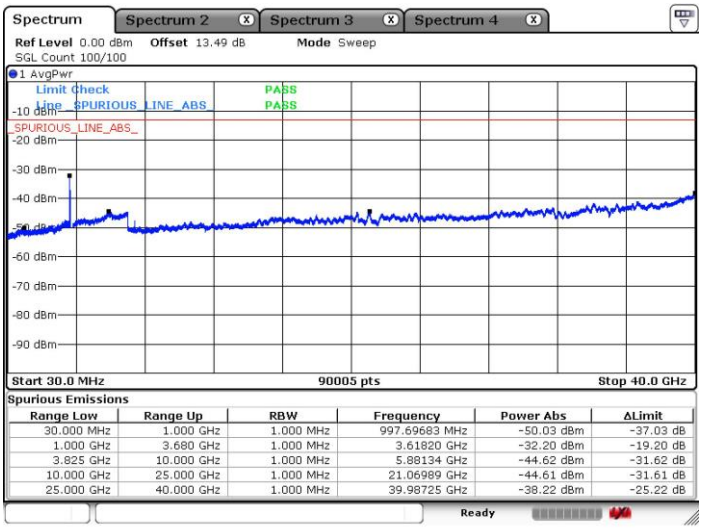


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	940.72357 MHz	-50.24 dBm	-37.24 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.61351 GHz	-33.93 dBm	-20.93 dB
3.825 GHz	10.000 GHz	1.000 MHz	6.90748 GHz	-44.66 dBm	-31.66 dB
10.000 GHz	25.000 GHz	1.000 MHz	20.35179 GHz	-44.49 dBm	-31.49 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.97925 GHz	-38.03 dBm	-25.03 dB

Date: 28.NOV.2021 14:09:59

Middle Channel / 1RB1

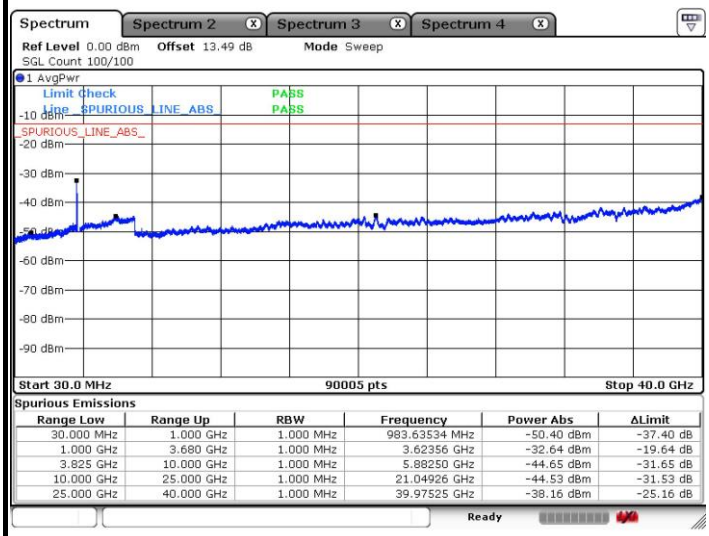


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.69683 MHz	-50.03 dBm	-37.03 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.61820 GHz	-32.20 dBm	-19.20 dB
3.825 GHz	10.000 GHz	1.000 MHz	5.88134 GHz	-44.62 dBm	-31.62 dB
10.000 GHz	25.000 GHz	1.000 MHz	21.06989 GHz	-44.61 dBm	-31.61 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.98725 GHz	-38.22 dBm	-25.22 dB

Date: 28.NOV.2021 14:38:33

Highest Channel / 1RB1



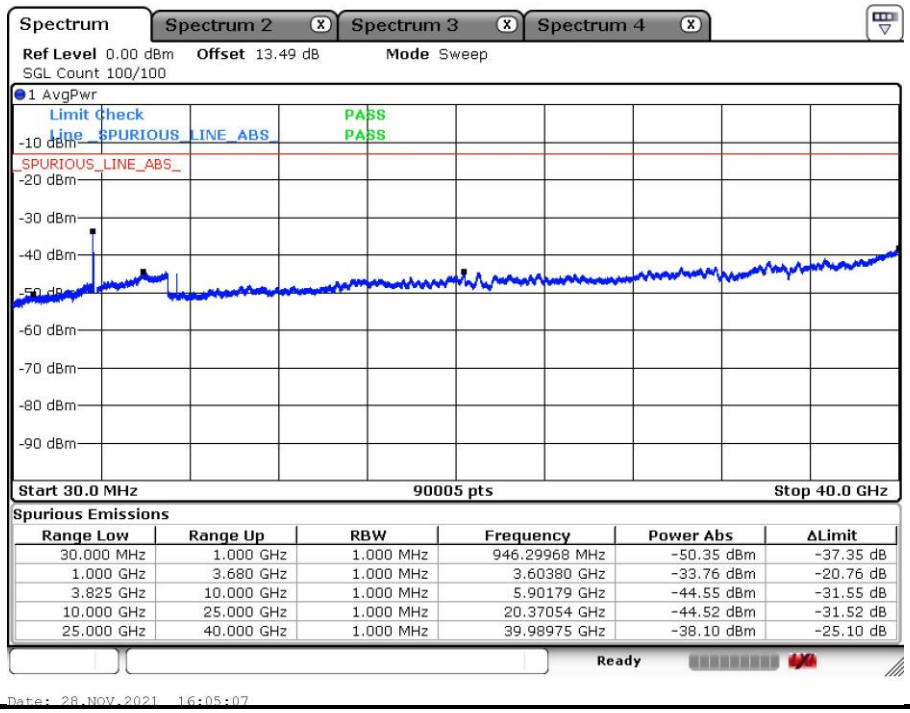
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.63534 MHz	-50.40 dBm	-37.40 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.62356 GHz	-32.64 dBm	-19.64 dB
3.825 GHz	10.000 GHz	1.000 MHz	5.88250 GHz	-44.65 dBm	-31.65 dB
10.000 GHz	25.000 GHz	1.000 MHz	21.04926 GHz	-44.53 dBm	-31.53 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.97525 GHz	-38.16 dBm	-25.16 dB

Date: 28.NOV.2021 14:40:43

FR1 n78 / 100MHz / DFT-S OFDM / QPSK

Middle 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	-50.35 dBm	-37.35 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.60380 GHz	-33.76 dBm	-20.76 dB
3.825 GHz	10.000 GHz	1.000 MHz	5.90179 GHz	-44.55 dBm	-31.55 dB
10.000 GHz	25.000 GHz	1.000 MHz	20.37054 GHz	-44.52 dBm	-31.52 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.98975 GHz	-38.10 dBm	-25.10 dB

Frequency Stability

Test Conditions		FR1 n41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0010	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0030	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0031	

Note:

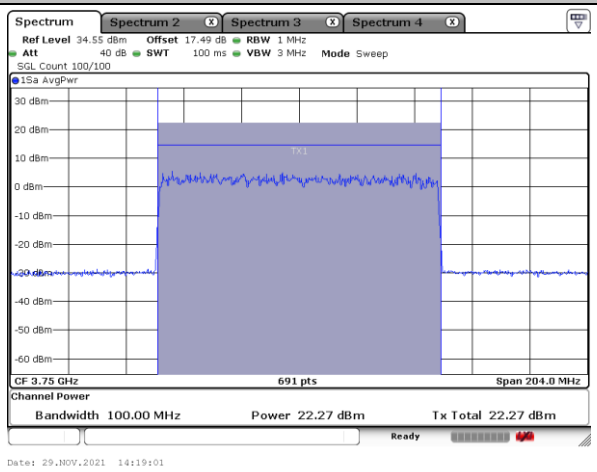
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

FR1 n78

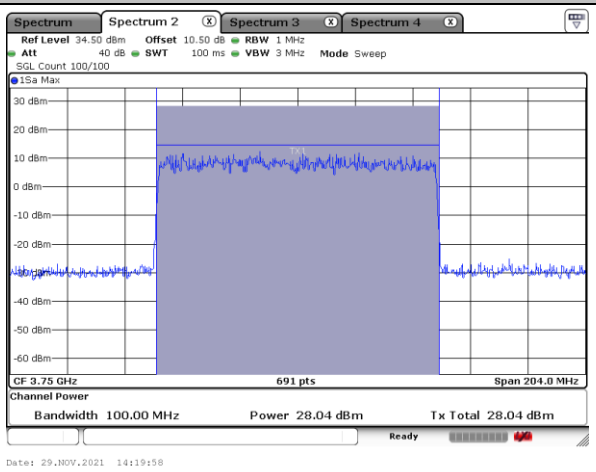
Peak-to-Average Ratio

Mode	FR1 n78 / 100MHz / CP OFDM				
Mod.	**QPSK**	**16QAM**	**64QAM**	**256QAM**	**Limit: 13dB**
RB Size	**Full RB**	**Full RB**	**Full RB**	**Full RB**	**Result**
Middle CH	5.77	5.61	5.62	5.57	**PASS**

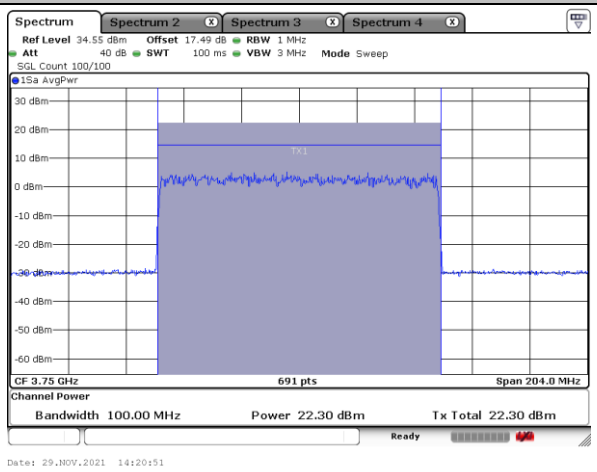
M-FULLRB-Q-A



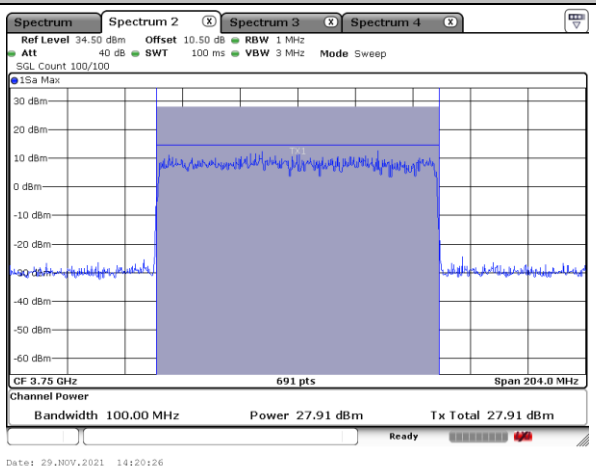
M-FULLRB-Q-P

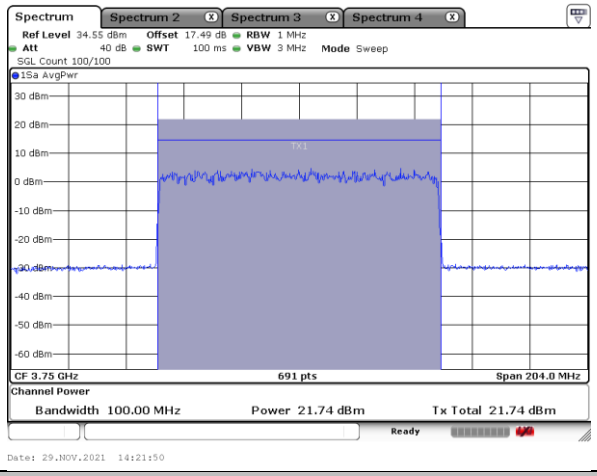
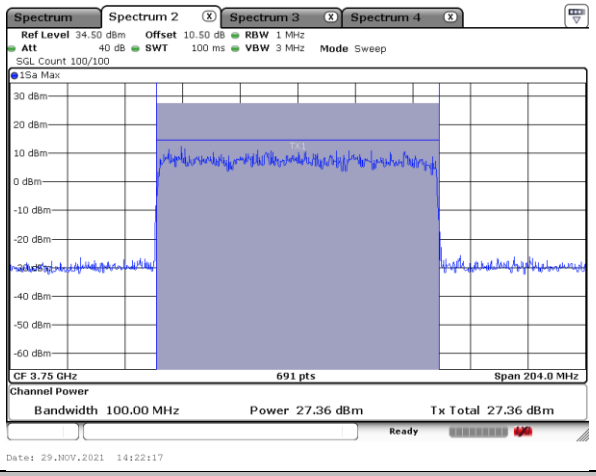
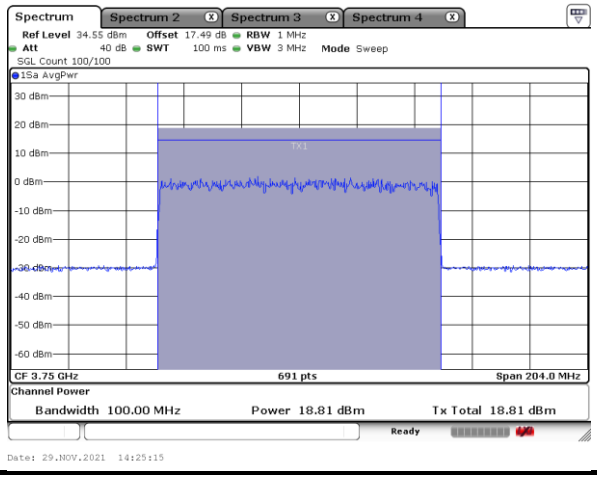
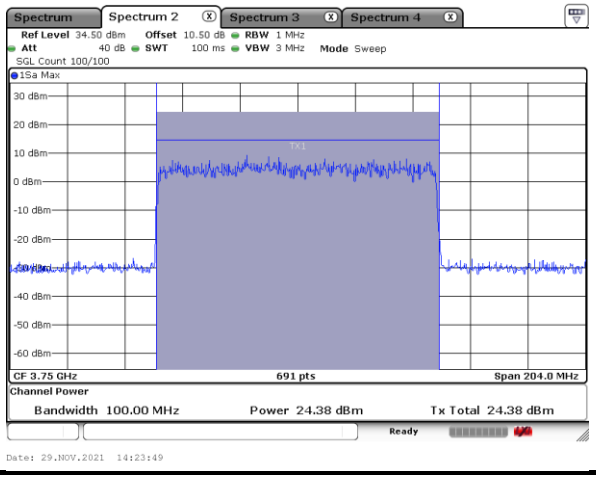


M-FULLRB-16Q-A



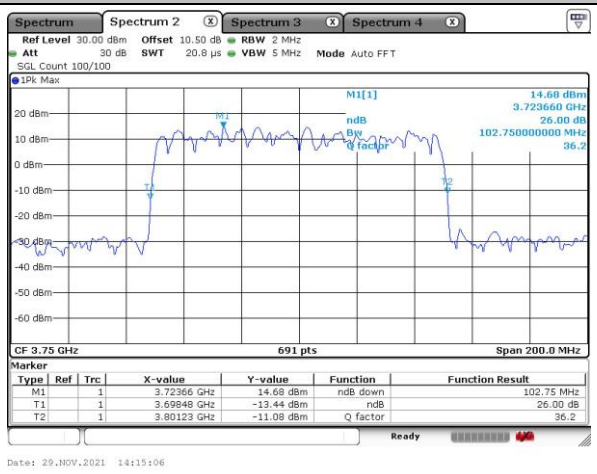
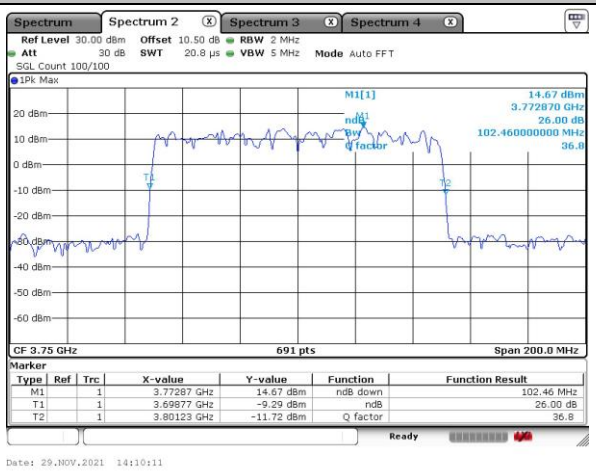
M-FULLRB-16Q-P



M-FULLRB-64Q-A	M-FULLRB-64Q-P
	
M-FULLRB-256Q-A	**M-FULLRB-256Q-P**
	

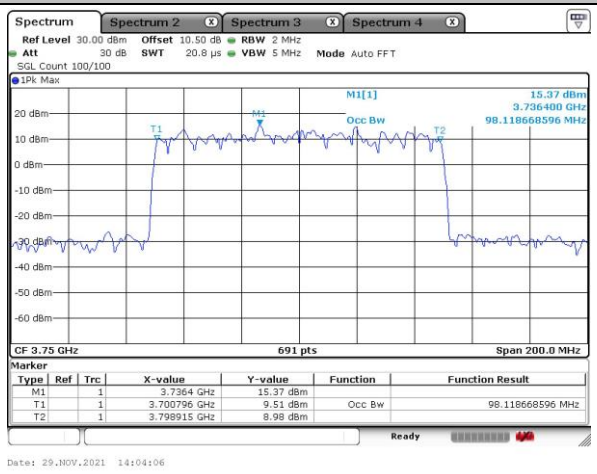
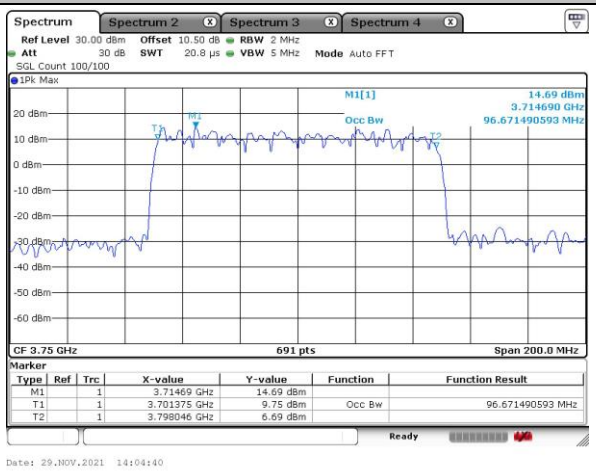
26dB Bandwidth

BW	100MHz	
Mod.	QPSK	16QAM
Middle CH	102.75	102.46

FR1 n78 / 100MHz / CP OFDM	
QPSK	16QAM
Middle Channel	Middle Channel
	

Occupied Bandwidth

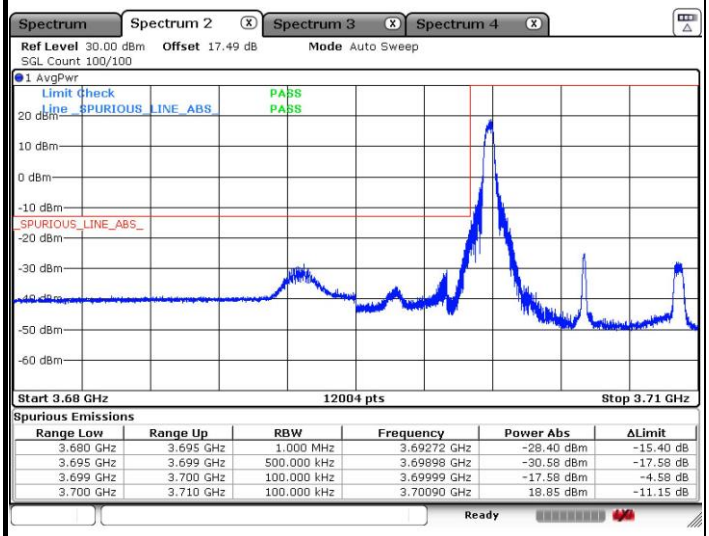
BW	100MHz	
Mod.	QPSK	16QAM
Middle CH	98.12	96.67

FR1 n78 / 100MHz / CP OFDM	
QPSK	16QAM
Middle Channel	Middle Channel
	

Conducted Band Edge

FR1 n78 / 10MHz / CP OFDM / QPSK

Lowest Band Edge / 1RB0

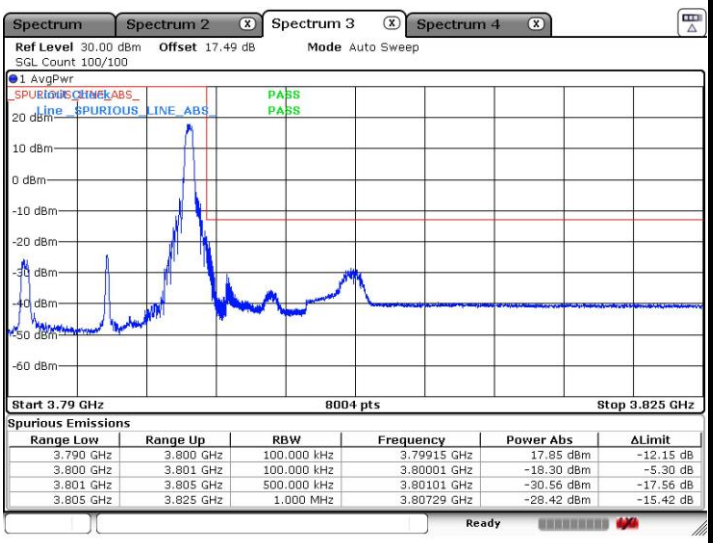


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69272 GHz	-28.40 dBm	-15.40 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69898 GHz	-30.58 dBm	-17.58 dB
3.699 GHz	3.700 GHz	100.000 kHz	3.69999 GHz	-17.58 dBm	-4.58 dB
3.700 GHz	3.710 GHz	100.000 kHz	3.70090 GHz	18.85 dBm	-11.15 dB

Date: 3.DEC.2021 03:36:06

Highest Band Edge / 1RBmax

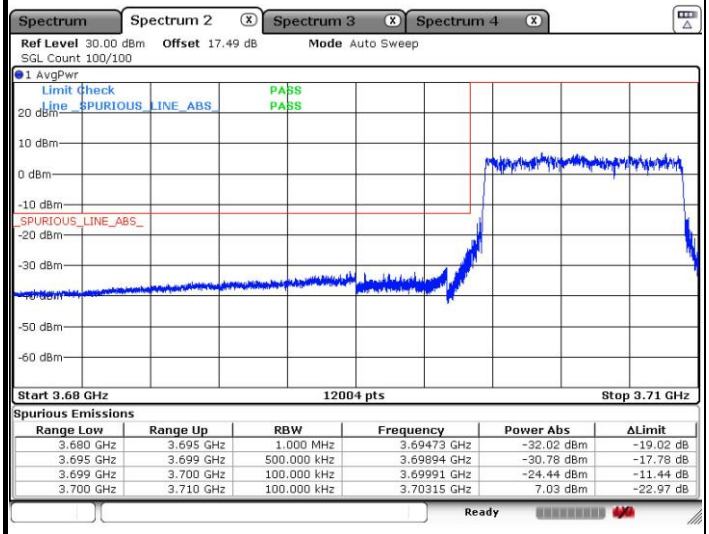


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.790 GHz	3.800 GHz	100.000 kHz	3.79915 GHz	17.85 dBm	-12.15 dB
3.800 GHz	3.801 GHz	100.000 kHz	3.80001 GHz	-18.30 dBm	-5.30 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80101 GHz	-30.56 dBm	-17.56 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80729 GHz	-28.42 dBm	-15.42 dB

Date: 3.DEC.2021 03:43:33

Lowest Band Edge / Full RB

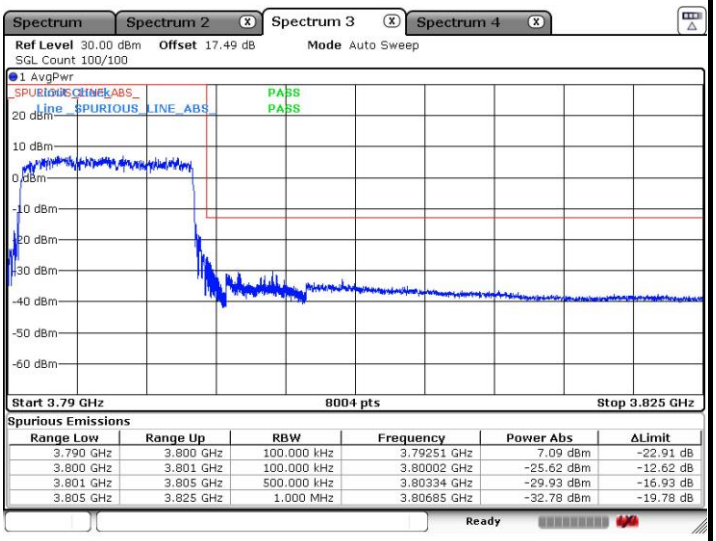


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69473 GHz	-32.02 dBm	-19.02 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69894 GHz	-30.78 dBm	-17.78 dB
3.699 GHz	3.700 GHz	100.000 kHz	3.69991 GHz	-24.44 dBm	-11.44 dB
3.700 GHz	3.710 GHz	100.000 kHz	3.70315 GHz	7.03 dBm	-22.97 dB

Date: 3.DEC.2021 03:39:21

Highest Band Edge / Full RB



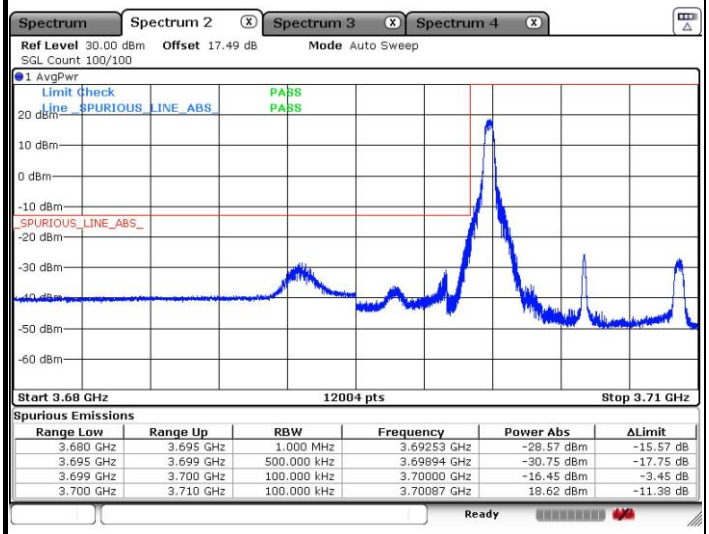
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.790 GHz	3.800 GHz	100.000 kHz	3.79251 GHz	7.09 dBm	-22.91 dB
3.800 GHz	3.801 GHz	100.000 kHz	3.80002 GHz	-25.62 dBm	-12.62 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80334 GHz	-29.93 dBm	-16.93 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80685 GHz	-32.78 dBm	-19.78 dB

Date: 3.DEC.2021 03:40:56

FR1 n78 / 10MHz / CP OFDM / 16Q

Lowest Band Edge / 1RB0

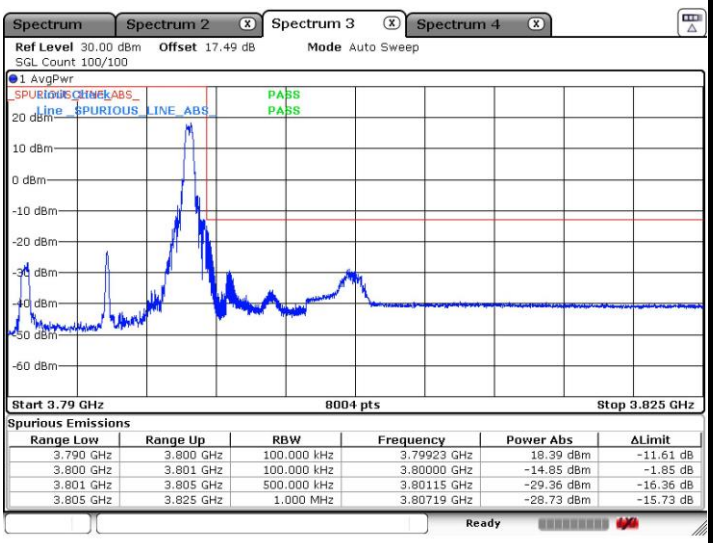


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69253 GHz	-28.57 dBm	-15.57 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69894 GHz	-30.75 dBm	-17.75 dB
3.699 GHz	3.700 GHz	100.000 kHz	3.70000 GHz	-16.45 dBm	-3.45 dB
3.700 GHz	3.710 GHz	100.000 kHz	3.70087 GHz	18.62 dBm	-11.38 dB

Date: 3.DEC.2021 03:36:30

Highest Band Edge / 1RBmax

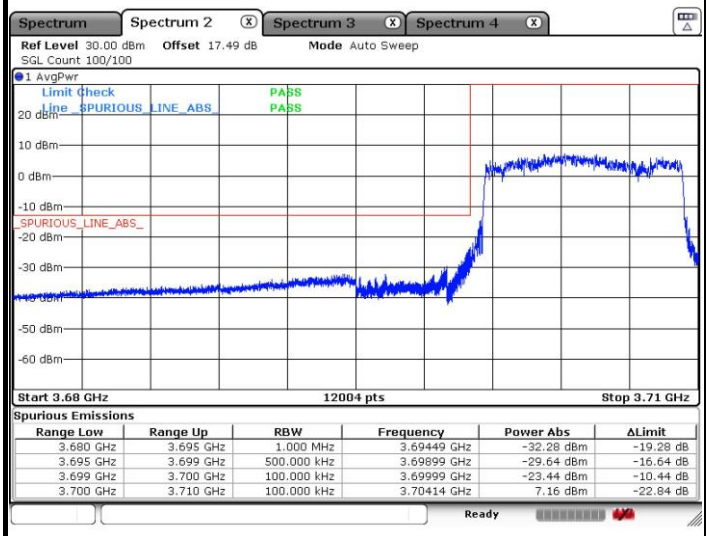


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.790 GHz	3.800 GHz	100.000 kHz	3.79923 GHz	18.39 dBm	-11.61 dB
3.800 GHz	3.801 GHz	100.000 kHz	3.80000 GHz	-14.85 dBm	-1.85 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80115 GHz	-29.36 dBm	-16.36 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80719 GHz	-28.73 dBm	-15.73 dB

Date: 3.DEC.2021 03:43:10

Lowest Band Edge / Full RB

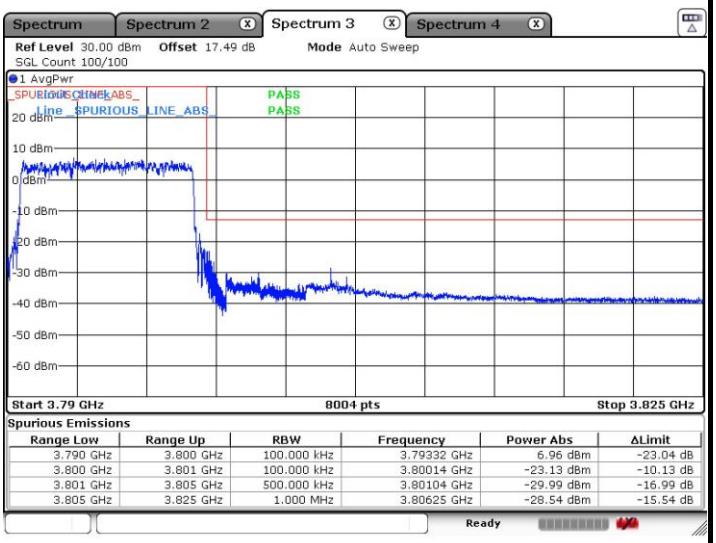


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69449 GHz	-32.28 dBm	-19.28 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69899 GHz	-29.64 dBm	-16.64 dB
3.699 GHz	3.700 GHz	100.000 kHz	3.69999 GHz	-23.44 dBm	-10.44 dB
3.700 GHz	3.710 GHz	100.000 kHz	3.70414 GHz	7.16 dBm	-22.84 dB

Date: 3.DEC.2021 03:39:00

Highest Band Edge / Full RB



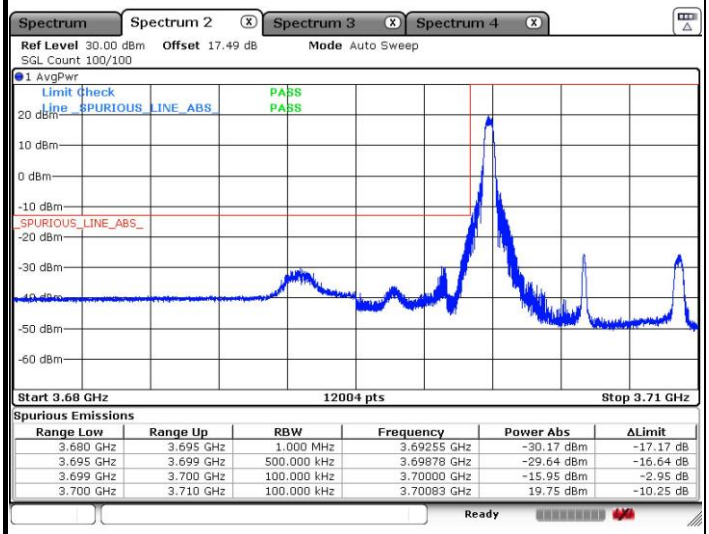
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.790 GHz	3.800 GHz	100.000 kHz	3.79332 GHz	6.96 dBm	-23.04 dB
3.800 GHz	3.801 GHz	100.000 kHz	3.80014 GHz	-23.13 dBm	-10.13 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80104 GHz	-29.99 dBm	-16.99 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80625 GHz	-28.54 dBm	-15.54 dB

Date: 3.DEC.2021 03:41:15

FR1 n78 /10MHz / CP OFDM / 64Q

Lowest Band Edge / 1RB0

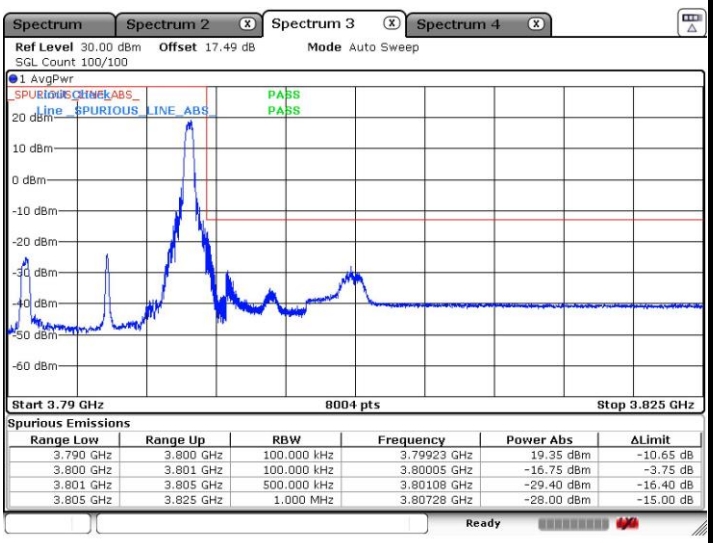


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69255 GHz	-30.17 dBm	-17.17 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69878 GHz	-29.64 dBm	-16.64 dB
3.699 GHz	3.700 GHz	100.000 kHz	3.70000 GHz	-15.95 dBm	-2.95 dB
3.700 GHz	3.710 GHz	100.000 kHz	3.70083 GHz	19.75 dBm	-10.25 dB

Date: 3.DEC.2021 03:36:49

Highest Band Edge / 1RBmax

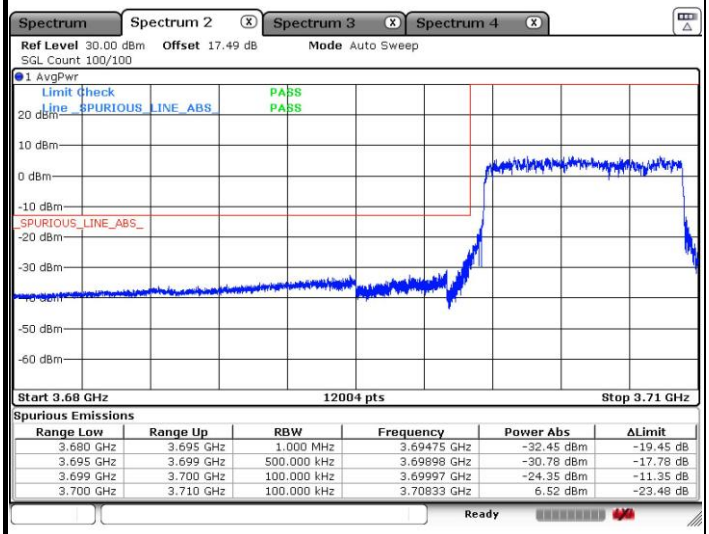


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.790 GHz	3.800 GHz	100.000 kHz	3.79923 GHz	19.35 dBm	-10.65 dB
3.800 GHz	3.801 GHz	100.000 kHz	3.80005 GHz	-16.75 dBm	-3.75 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80108 GHz	-29.40 dBm	-16.40 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80728 GHz	-28.00 dBm	-15.00 dB

Date: 3.DEC.2021 03:42:44

Lowest Band Edge / Full RB

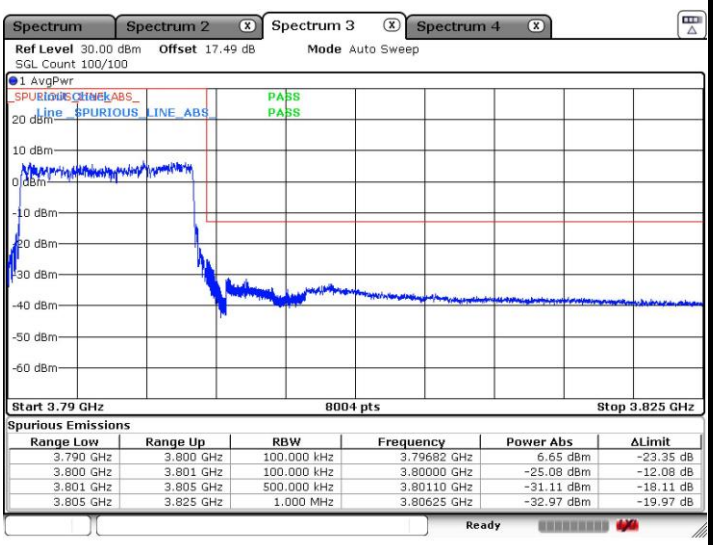


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69475 GHz	-32.45 dBm	-19.45 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69898 GHz	-30.78 dBm	-17.78 dB
3.699 GHz	3.700 GHz	100.000 kHz	3.69997 GHz	-24.35 dBm	-11.35 dB
3.700 GHz	3.710 GHz	100.000 kHz	3.70833 GHz	6.52 dBm	-23.48 dB

Date: 3.DEC.2021 03:38:41

Highest Band Edge / Full RB



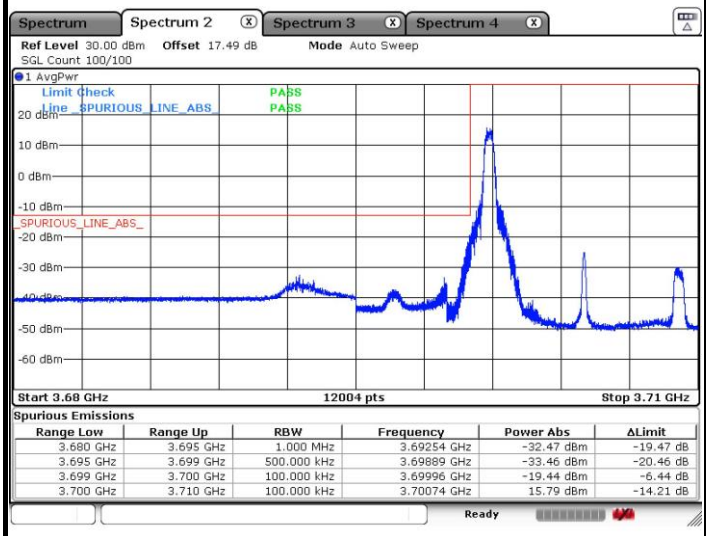
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.790 GHz	3.800 GHz	100.000 kHz	3.79682 GHz	6.65 dBm	-23.35 dB
3.800 GHz	3.801 GHz	100.000 kHz	3.80000 GHz	-25.08 dBm	-12.08 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80110 GHz	-31.11 dBm	-18.11 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80625 GHz	-32.97 dBm	-19.97 dB

Date: 3.DEC.2021 03:41:34

FR1 n78 /10MHz / CP OFDM / 256Q

Lowest Band Edge / 1RB0

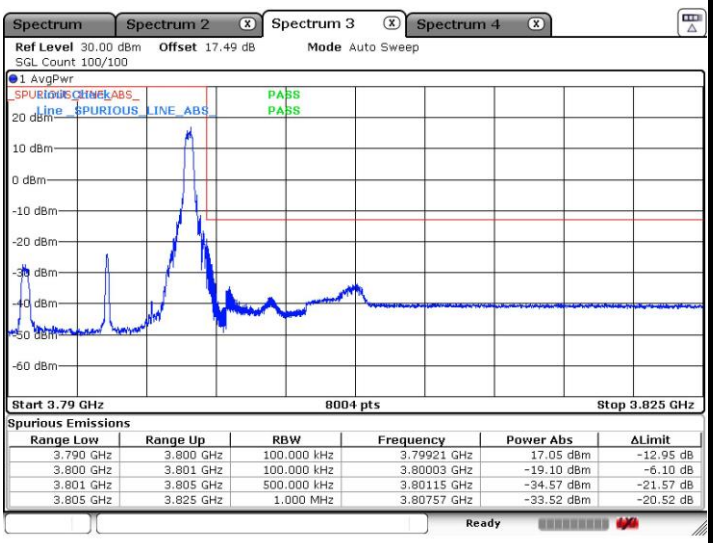


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69254 GHz	-32.47 dBm	-19.47 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69889 GHz	-33.46 dBm	-20.46 dB
3.699 GHz	3.700 GHz	100.000 kHz	3.69996 GHz	-19.44 dBm	-6.44 dB
3.700 GHz	3.710 GHz	100.000 kHz	3.70074 GHz	15.79 dBm	-14.21 dB

Date: 3.DEC.2021 03:37:13

Highest Band Edge / 1RBmax

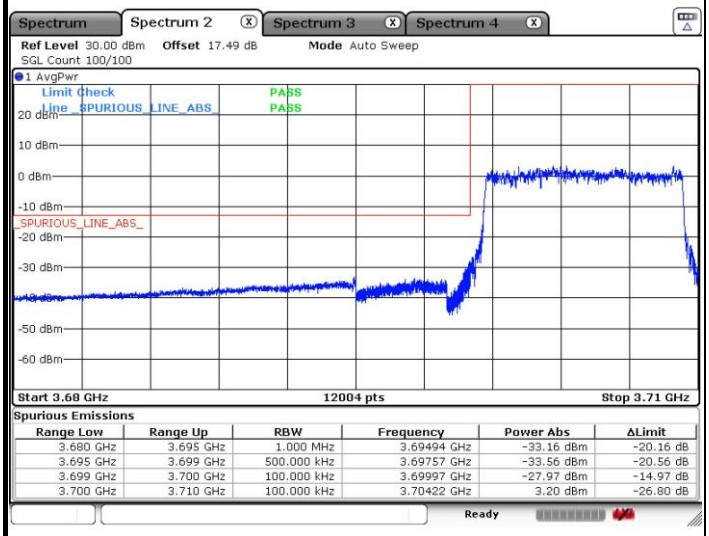


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.790 GHz	3.800 GHz	100.000 kHz	3.79921 GHz	17.05 dBm	-12.95 dB
3.800 GHz	3.801 GHz	100.000 kHz	3.80003 GHz	-19.10 dBm	-6.10 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80115 GHz	-34.57 dBm	-21.57 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80757 GHz	-33.52 dBm	-20.52 dB

Date: 3.DEC.2021 03:42:21

Lowest Band Edge / Full RB

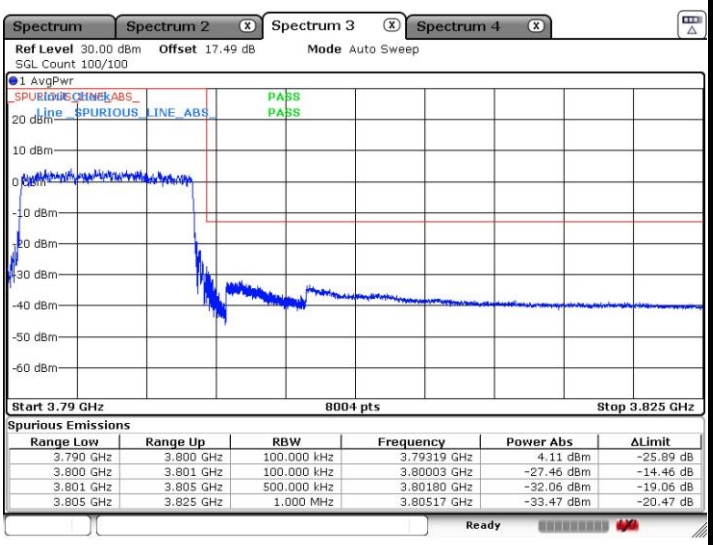


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69494 GHz	-33.16 dBm	-20.16 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69757 GHz	-33.56 dBm	-20.56 dB
3.699 GHz	3.700 GHz	100.000 kHz	3.69997 GHz	-27.97 dBm	-14.97 dB
3.700 GHz	3.710 GHz	100.000 kHz	3.70422 GHz	3.20 dBm	-26.80 dB

Date: 3.DEC.2021 03:38:17

Highest Band Edge / Full RB



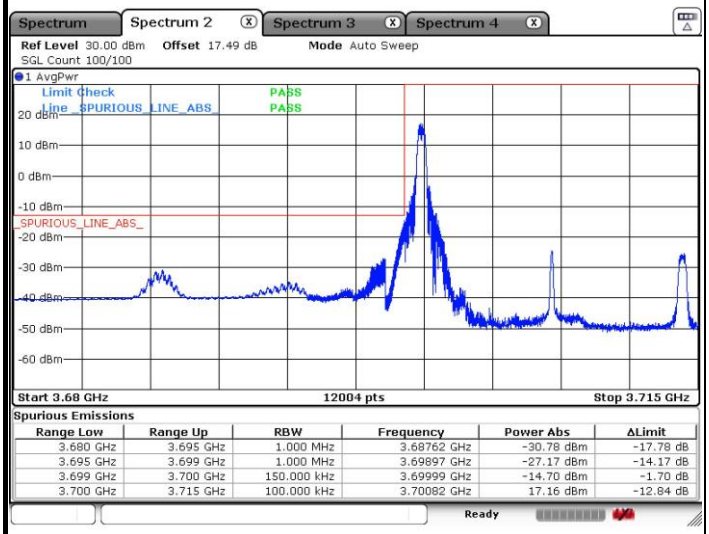
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.790 GHz	3.800 GHz	100.000 kHz	3.79319 GHz	4.11 dBm	-25.89 dB
3.800 GHz	3.801 GHz	100.000 kHz	3.80003 GHz	-27.46 dBm	-14.46 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80180 GHz	-32.06 dBm	-19.06 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80517 GHz	-33.47 dBm	-20.47 dB

Date: 3.DEC.2021 03:41:57

FR1 n78 / 15MHz / CP OFDM / QPSK

Lowest Band Edge / 1RB0

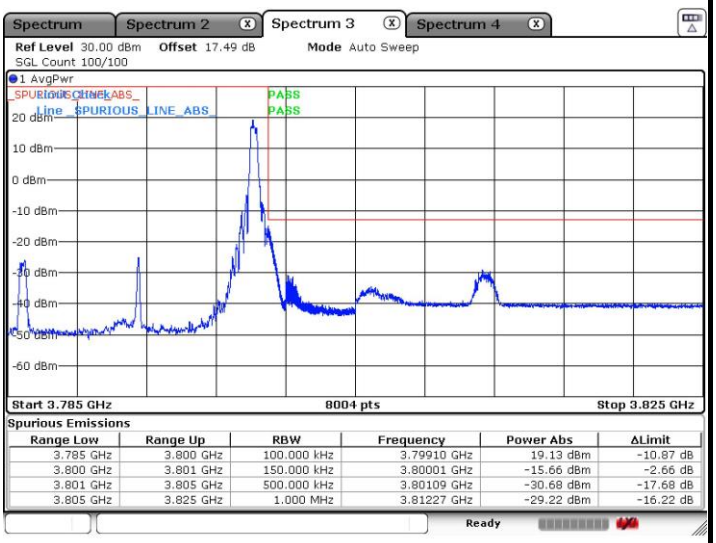


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.68762 GHz	-30.78 dBm	-17.78 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69897 GHz	-27.17 dBm	-14.17 dB
3.699 GHz	3.700 GHz	150.000 kHz	3.69999 GHz	-14.70 dBm	-1.70 dB
3.700 GHz	3.715 GHz	100.000 kHz	3.70082 GHz	17.16 dBm	-12.84 dB

Date: 3.DEC.2021 03:05:42

Highest Band Edge / 1RBmax

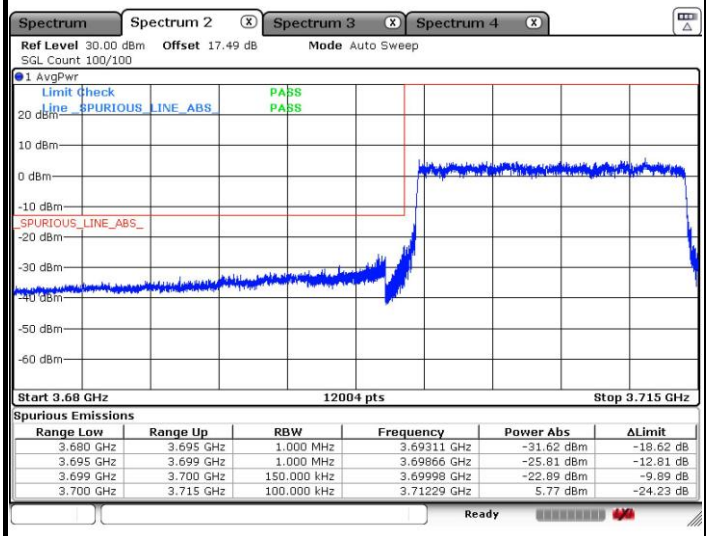


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.785 GHz	3.800 GHz	100.000 kHz	3.79910 GHz	19.13 dBm	-10.87 dB
3.800 GHz	3.801 GHz	150.000 kHz	3.80001 GHz	-15.66 dBm	-2.66 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80109 GHz	-30.68 dBm	-17.68 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.81227 GHz	-29.22 dBm	-16.22 dB

Date: 3.DEC.2021 03:25:35

Lowest Band Edge / Full RB

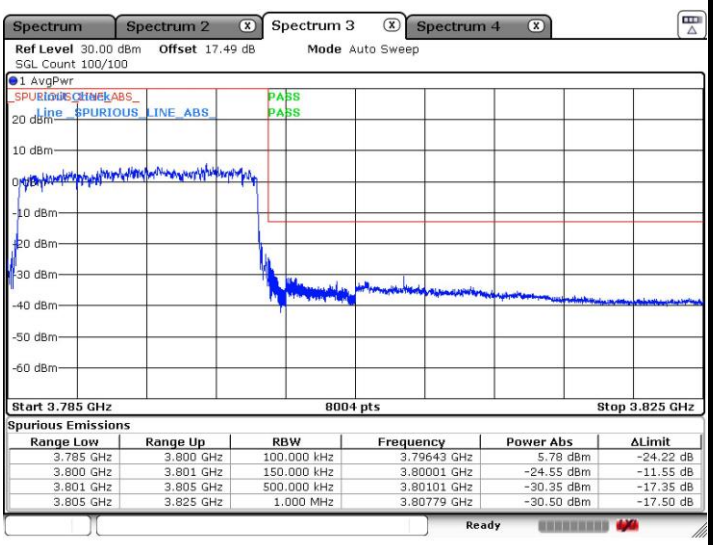


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69311 GHz	-31.62 dBm	-18.62 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69866 GHz	-25.81 dBm	-12.81 dB
3.699 GHz	3.700 GHz	150.000 kHz	3.69998 GHz	-22.89 dBm	-9.89 dB
3.700 GHz	3.715 GHz	100.000 kHz	3.71229 GHz	5.77 dBm	-24.23 dB

Date: 3.DEC.2021 03:12:46

Highest Band Edge / Full RB



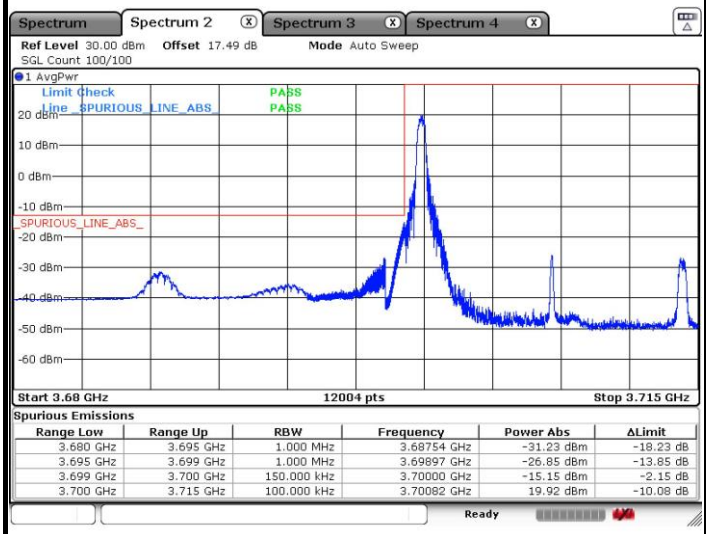
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.785 GHz	3.800 GHz	100.000 kHz	3.79643 GHz	5.78 dBm	-24.22 dB
3.800 GHz	3.801 GHz	150.000 kHz	3.80001 GHz	-24.55 dBm	-11.55 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80101 GHz	-30.35 dBm	-17.35 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80779 GHz	-30.50 dBm	-17.50 dB

Date: 3.DEC.2021 03:17:11

FR1 n78 / 15MHz / CP OFDM / 16Q

Lowest Band Edge / 1RB0

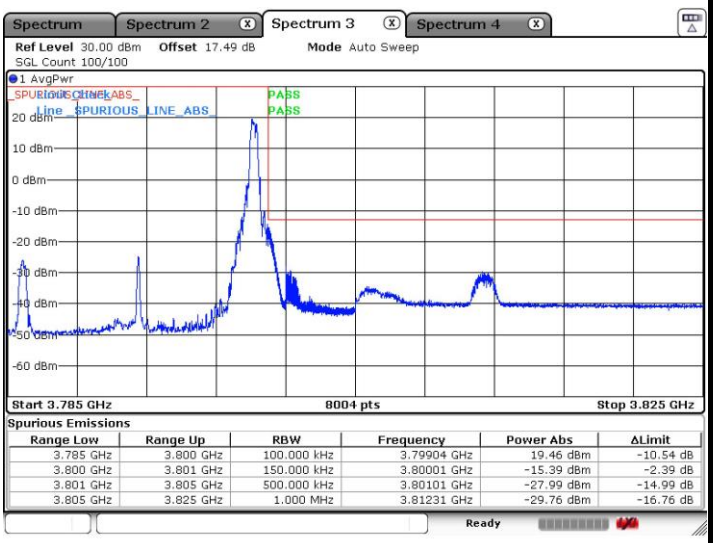


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.68754 GHz	-31.23 dBm	-18.23 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69897 GHz	-26.85 dBm	-13.85 dB
3.699 GHz	3.700 GHz	150.000 kHz	3.70000 GHz	-15.15 dBm	-2.15 dB
3.700 GHz	3.715 GHz	100.000 kHz	3.70082 GHz	19.92 dBm	-10.08 dB

Date: 3.DEC.2021 03:07:24

Highest Band Edge / 1RBmax

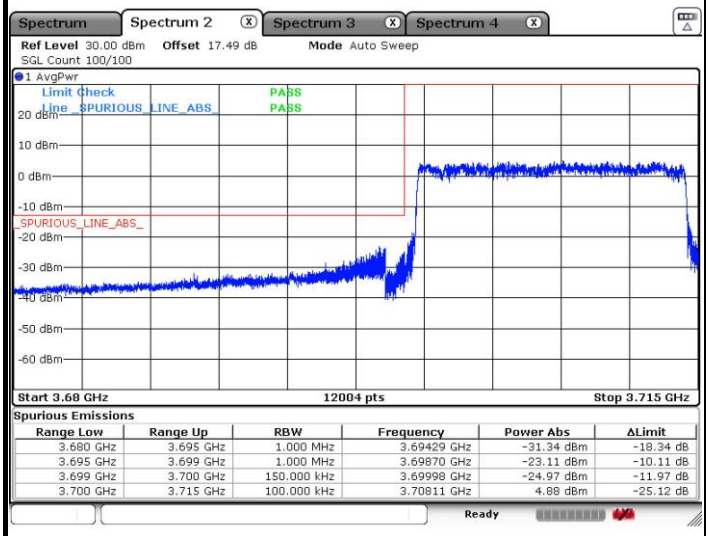


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.785 GHz	3.800 GHz	100.000 kHz	3.79904 GHz	19.46 dBm	-10.54 dB
3.800 GHz	3.801 GHz	150.000 kHz	3.80001 GHz	-15.39 dBm	-2.39 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80101 GHz	-27.99 dBm	-14.99 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.81231 GHz	-29.76 dBm	-16.76 dB

Date: 3.DEC.2021 03:20:43

Lowest Band Edge / Full RB

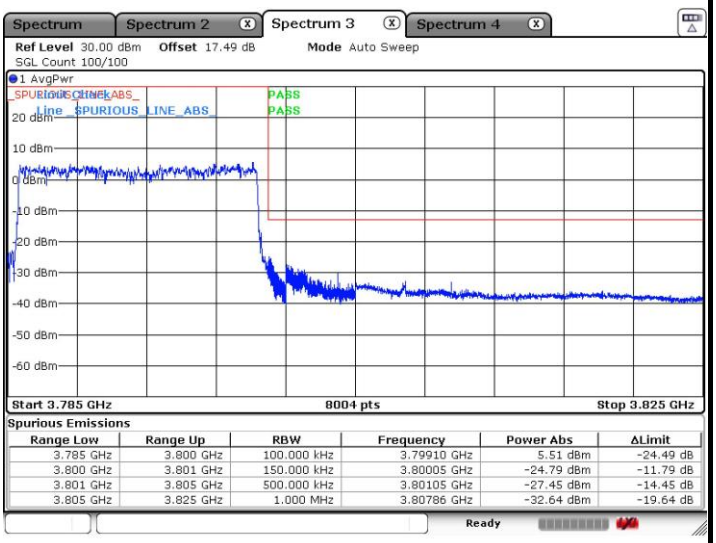


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69429 GHz	-31.34 dBm	-18.34 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69870 GHz	-23.11 dBm	-10.11 dB
3.699 GHz	3.700 GHz	150.000 kHz	3.69998 GHz	-24.97 dBm	-11.97 dB
3.700 GHz	3.715 GHz	100.000 kHz	3.70811 GHz	4.88 dBm	-25.12 dB

Date: 3.DEC.2021 03:12:27

Highest Band Edge / Full RB



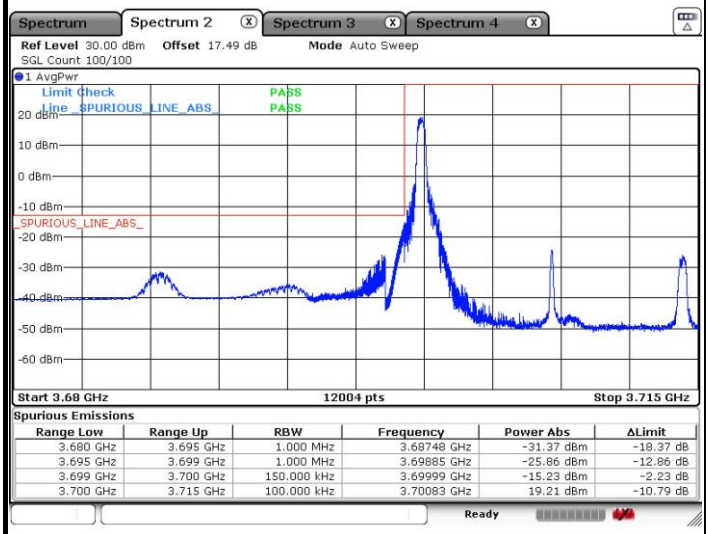
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.785 GHz	3.800 GHz	100.000 kHz	3.79910 GHz	5.51 dBm	-24.49 dB
3.800 GHz	3.801 GHz	150.000 kHz	3.80005 GHz	-24.79 dBm	-11.79 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80105 GHz	-27.45 dBm	-14.45 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80786 GHz	-32.64 dBm	-19.64 dB

Date: 3.DEC.2021 03:17:35

FR1 n78 /15MHz / CP OFDM / 64Q

Lowest Band Edge / 1RB0

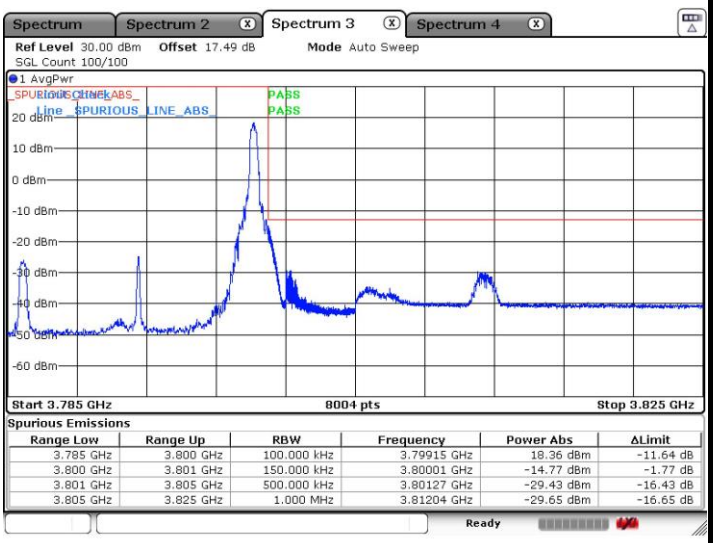


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.68748 GHz	-31.37 dBm	-18.37 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69885 GHz	-25.86 dBm	-12.86 dB
3.699 GHz	3.700 GHz	150.000 kHz	3.69999 GHz	-15.23 dBm	-2.23 dB
3.700 GHz	3.715 GHz	100.000 kHz	3.70083 GHz	19.21 dBm	-10.79 dB

Date: 3.DEC.2021 03:08:58

Highest Band Edge / 1RBmax

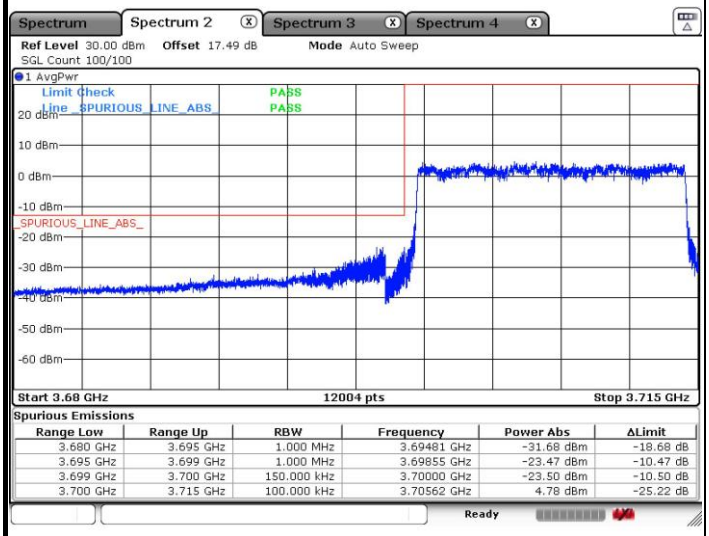


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.785 GHz	3.800 GHz	100.000 kHz	3.79915 GHz	18.36 dBm	-11.64 dB
3.800 GHz	3.801 GHz	150.000 kHz	3.80001 GHz	-14.77 dBm	-1.77 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80127 GHz	-29.43 dBm	-16.43 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.81204 GHz	-29.65 dBm	-16.65 dB

Date: 3.DEC.2021 03:20:03

Lowest Band Edge / Full RB

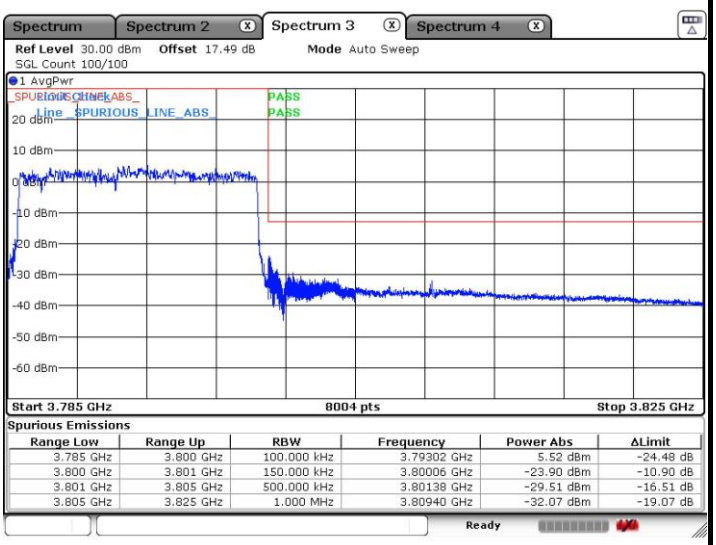


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69481 GHz	-31.68 dBm	-18.68 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69855 GHz	-23.47 dBm	-10.47 dB
3.699 GHz	3.700 GHz	150.000 kHz	3.70000 GHz	-23.50 dBm	-10.50 dB
3.700 GHz	3.715 GHz	100.000 kHz	3.70562 GHz	4.78 dBm	-25.22 dB

Date: 3.DEC.2021 03:12:01

Highest Band Edge / Full RB



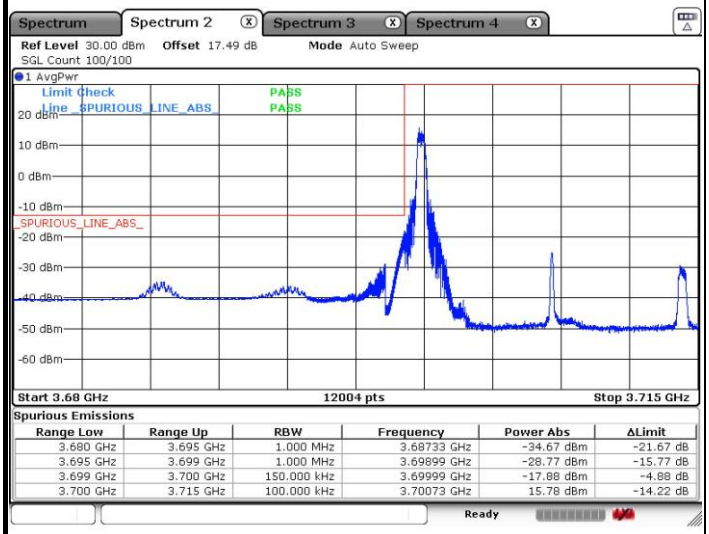
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.785 GHz	3.800 GHz	100.000 kHz	3.79302 GHz	5.52 dBm	-24.48 dB
3.800 GHz	3.801 GHz	150.000 kHz	3.80006 GHz	-23.90 dBm	-10.90 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80138 GHz	-29.51 dBm	-16.51 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80940 GHz	-32.07 dBm	-19.07 dB

Date: 3.DEC.2021 03:17:54

FR1 n78 /15MHz / CP OFDM / 256Q

Lowest Band Edge / 1RB0

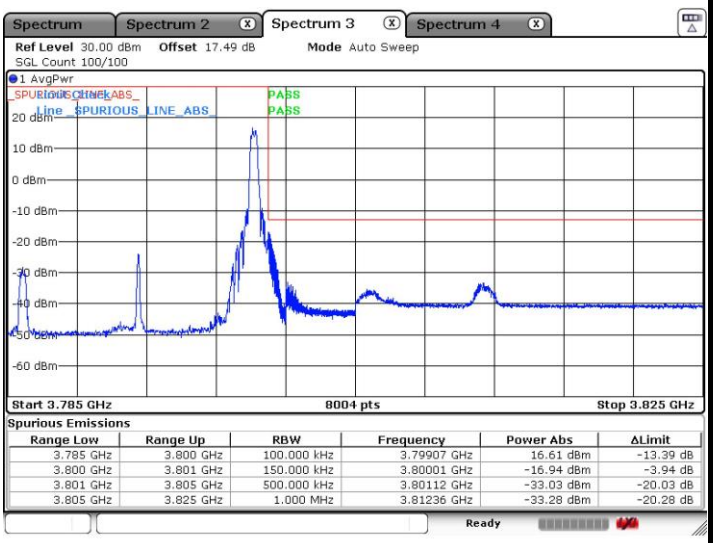


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.68733 GHz	-34.67 dBm	-21.67 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69899 GHz	-28.77 dBm	-15.77 dB
3.699 GHz	3.700 GHz	150.000 kHz	3.69999 GHz	-17.88 dBm	-4.88 dB
3.700 GHz	3.715 GHz	100.000 kHz	3.70073 GHz	15.78 dBm	-14.22 dB

Date: 3.DEC.2021 03:10:58

Highest Band Edge / 1RBmax

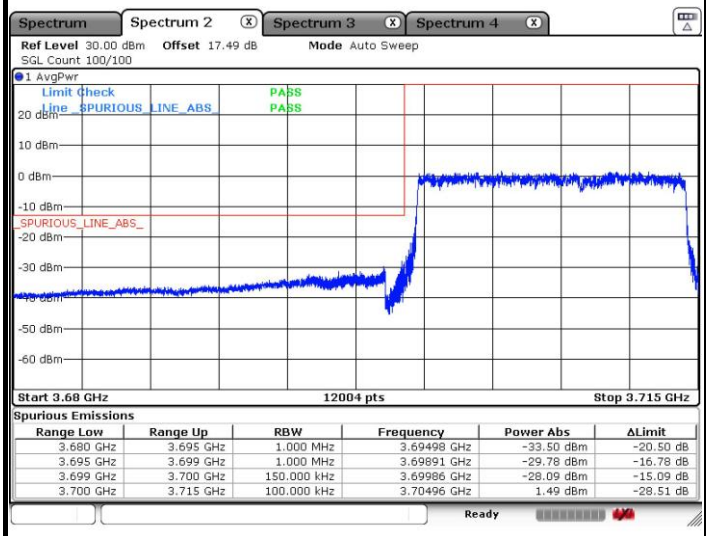


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.785 GHz	3.800 GHz	100.000 kHz	3.79907 GHz	16.61 dBm	-13.39 dB
3.800 GHz	3.801 GHz	150.000 kHz	3.80001 GHz	-16.94 dBm	-3.94 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80112 GHz	-33.03 dBm	-20.03 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.81236 GHz	-33.28 dBm	-20.28 dB

Date: 3.DEC.2021 03:18:37

Lowest Band Edge / Full RB

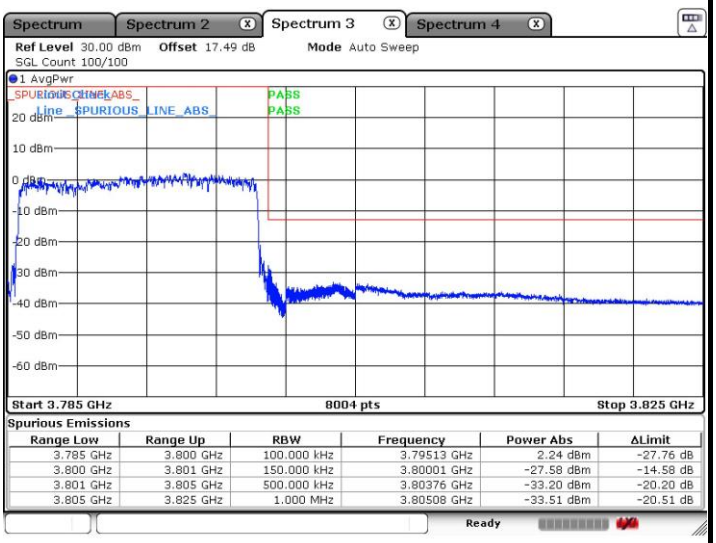


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69498 GHz	-33.50 dBm	-20.50 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69891 GHz	-29.78 dBm	-16.78 dB
3.699 GHz	3.700 GHz	150.000 kHz	3.69986 GHz	-28.09 dBm	-15.09 dB
3.700 GHz	3.715 GHz	100.000 kHz	3.70496 GHz	1.49 dBm	-28.51 dB

Date: 3.DEC.2021 03:11:38

Highest Band Edge / Full RB



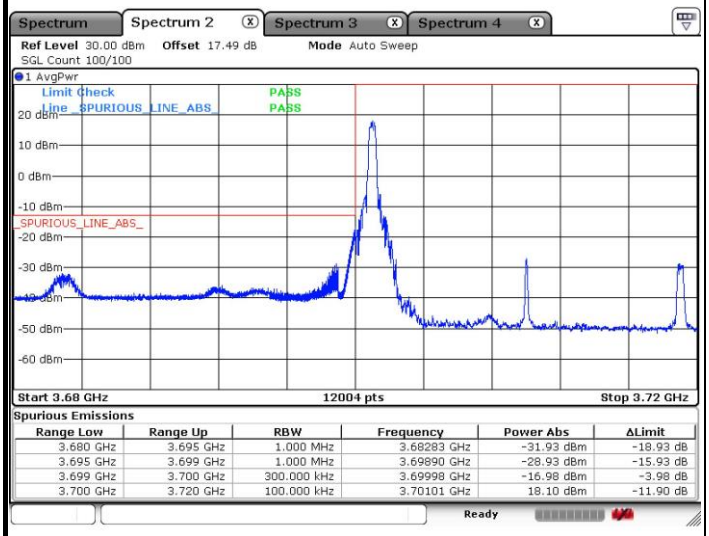
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.785 GHz	3.800 GHz	100.000 kHz	3.79513 GHz	2.24 dBm	-27.76 dB
3.800 GHz	3.801 GHz	150.000 kHz	3.80001 GHz	-27.58 dBm	-14.58 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80376 GHz	-33.20 dBm	-20.20 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80508 GHz	-33.51 dBm	-20.51 dB

Date: 3.DEC.2021 03:18:12

FR1 n78 / 20MHz / CP OFDM / QPSK

Lowest Band Edge / 1RB0

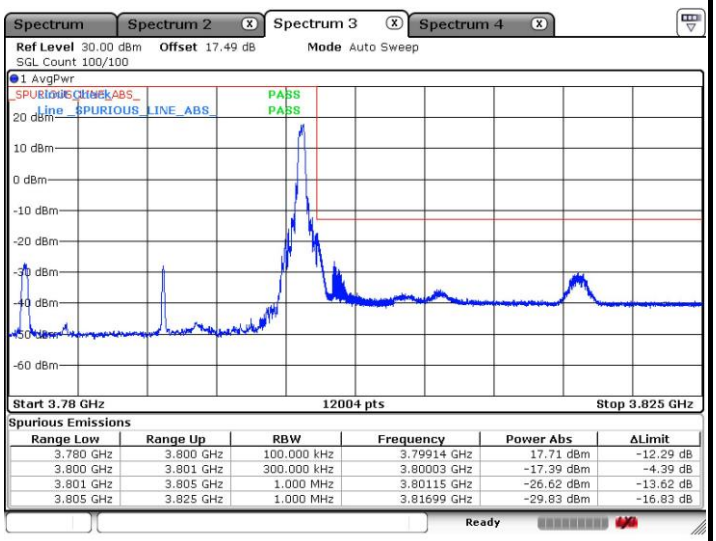


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.68283 GHz	-31.93 dBm	-18.93 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69890 GHz	-28.93 dBm	-15.93 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69998 GHz	-16.98 dBm	-3.98 dB
3.700 GHz	3.720 GHz	100.000 kHz	3.70101 GHz	18.10 dBm	-11.90 dB

Date: 29.NOV.2021 14:00:12

Highest Band Edge / 1RBmax

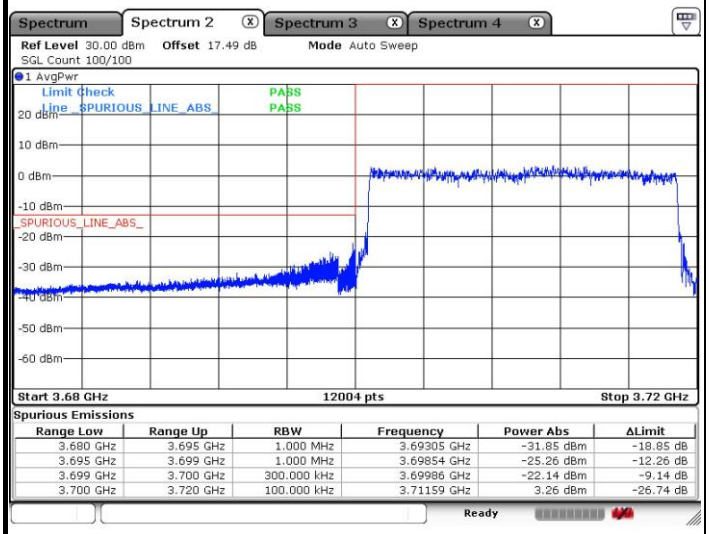


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.780 GHz	3.800 GHz	100.000 kHz	3.79914 GHz	17.71 dBm	-12.29 dB
3.800 GHz	3.801 GHz	300.000 kHz	3.80003 GHz	-17.39 dBm	-4.39 dB
3.801 GHz	3.805 GHz	1.000 MHz	3.80115 GHz	-26.62 dBm	-13.62 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.81699 GHz	-29.83 dBm	-16.83 dB

Date: 29.NOV.2021 13:37:49

Lowest Band Edge / Full RB

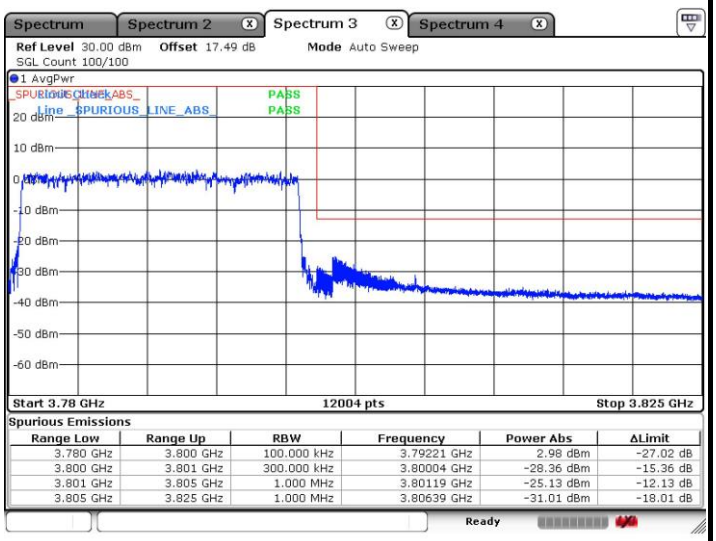


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69305 GHz	-31.85 dBm	-18.85 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69854 GHz	-25.26 dBm	-12.26 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69986 GHz	-22.14 dBm	-9.14 dB
3.700 GHz	3.720 GHz	100.000 kHz	3.71159 GHz	3.26 dBm	-26.74 dB

Date: 29.NOV.2021 13:53:11

Highest Band Edge / Full RB



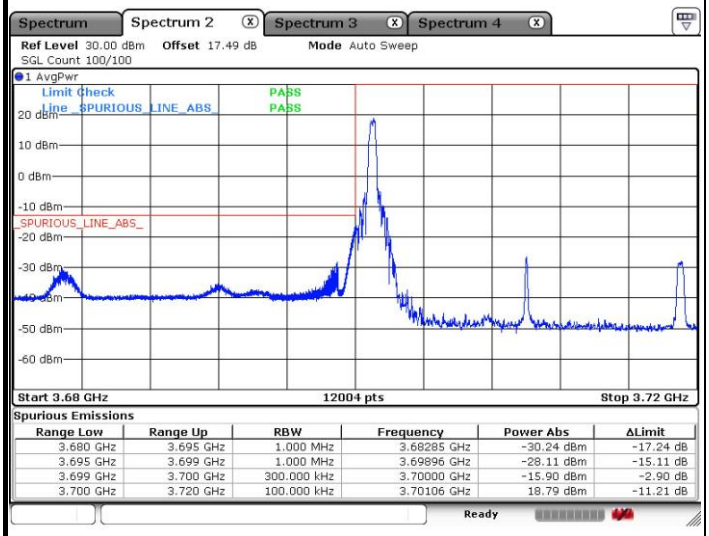
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.780 GHz	3.800 GHz	100.000 kHz	3.79221 GHz	2.98 dBm	-27.02 dB
3.800 GHz	3.801 GHz	300.000 kHz	3.80004 GHz	-28.36 dBm	-15.36 dB
3.801 GHz	3.805 GHz	1.000 MHz	3.80119 GHz	-25.13 dBm	-12.13 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80639 GHz	-31.01 dBm	-18.01 dB

Date: 29.NOV.2021 13:51:18

FR1 n78 / 20MHz / CP OFDM / 16Q

Lowest Band Edge / 1RB0

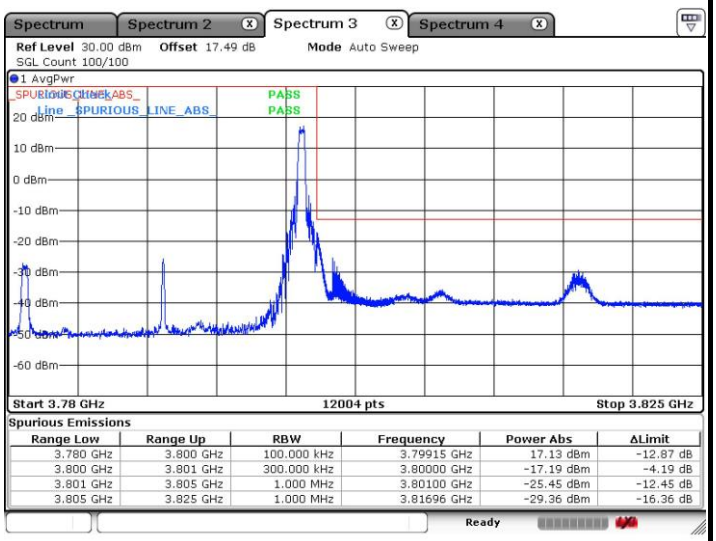


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.68285 GHz	-30.24 dBm	-17.24 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69896 GHz	-28.11 dBm	-15.11 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.70000 GHz	-15.90 dBm	-2.90 dB
3.700 GHz	3.720 GHz	100.000 kHz	3.70106 GHz	18.79 dBm	-11.21 dB

Date: 29.NOV.2021 13:58:25

Highest Band Edge / 1RBmax

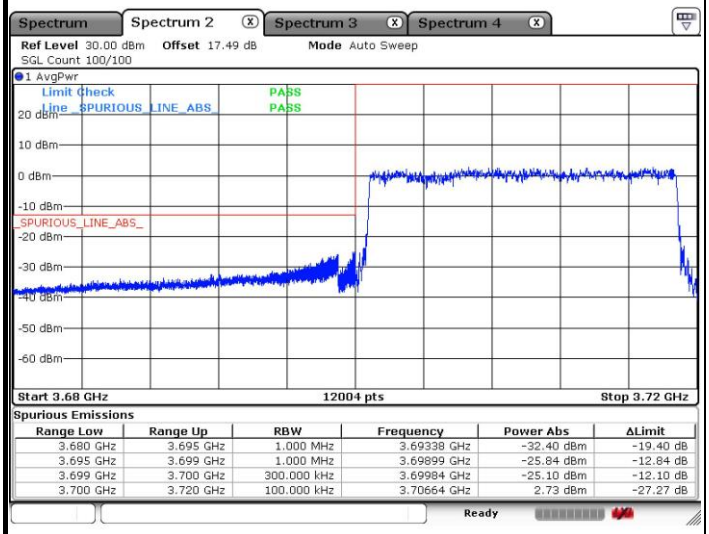


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.780 GHz	3.800 GHz	100.000 kHz	3.79915 GHz	17.13 dBm	-12.87 dB
3.800 GHz	3.801 GHz	300.000 kHz	3.80000 GHz	-17.19 dBm	-4.19 dB
3.801 GHz	3.805 GHz	1.000 MHz	3.80100 GHz	-25.45 dBm	-12.45 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.81696 GHz	-29.36 dBm	-16.36 dB

Date: 29.NOV.2021 13:39:59

Lowest Band Edge / Full RB

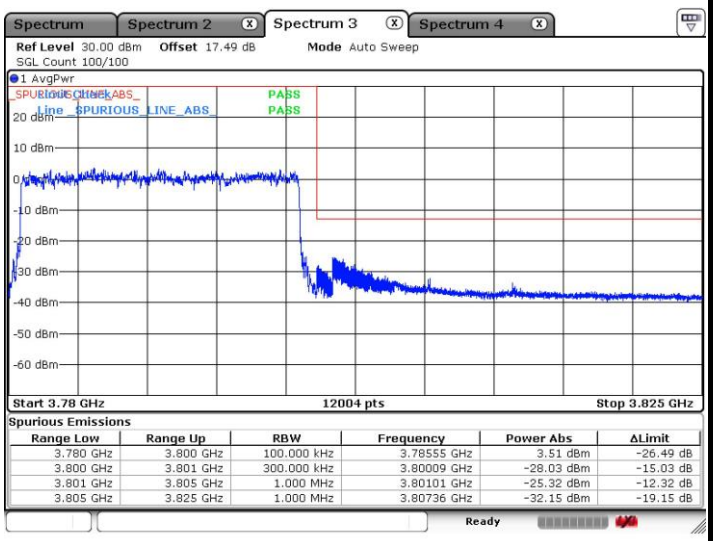


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69338 GHz	-32.40 dBm	-19.40 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69899 GHz	-25.84 dBm	-12.84 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69984 GHz	-25.10 dBm	-12.10 dB
3.700 GHz	3.720 GHz	100.000 kHz	3.70664 GHz	2.73 dBm	-27.27 dB

Date: 29.NOV.2021 13:53:55

Highest Band Edge / Full RB



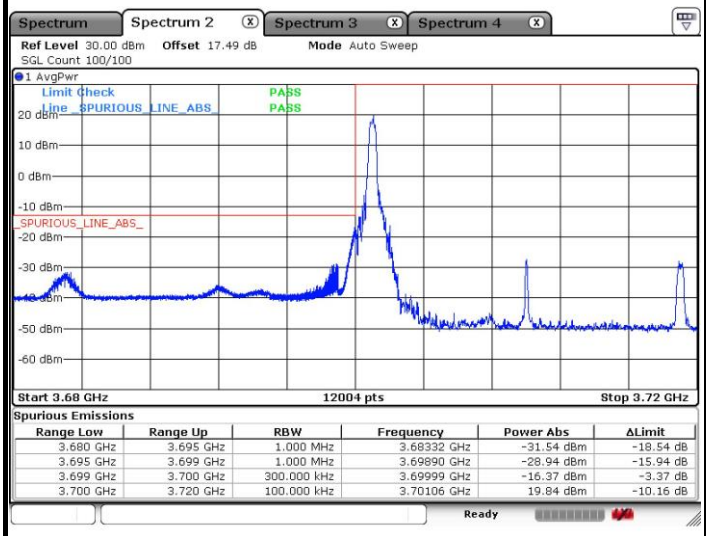
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.780 GHz	3.800 GHz	100.000 kHz	3.78555 GHz	3.51 dBm	-26.49 dB
3.800 GHz	3.801 GHz	300.000 kHz	3.80009 GHz	-28.03 dBm	-15.03 dB
3.801 GHz	3.805 GHz	1.000 MHz	3.80101 GHz	-25.32 dBm	-12.32 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80736 GHz	-32.15 dBm	-19.15 dB

Date: 29.NOV.2021 13:50:56

FR1 n78 /20MHz / CP OFDM / 64Q

Lowest Band Edge / 1RB0

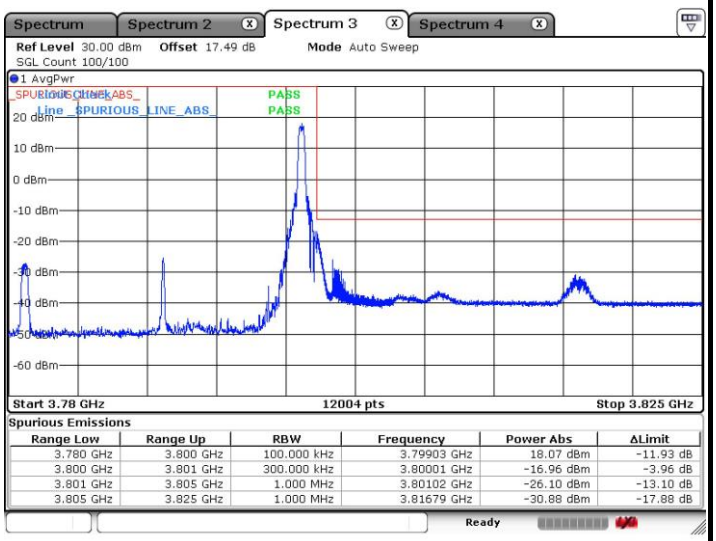


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.68332 GHz	-31.54 dBm	-18.54 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69890 GHz	-28.94 dBm	-15.94 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69999 GHz	-16.37 dBm	-3.37 dB
3.700 GHz	3.720 GHz	100.000 kHz	3.70106 GHz	19.84 dBm	-10.16 dB

Date: 29.NOV.2021 13:56:59

Highest Band Edge / 1RBmax

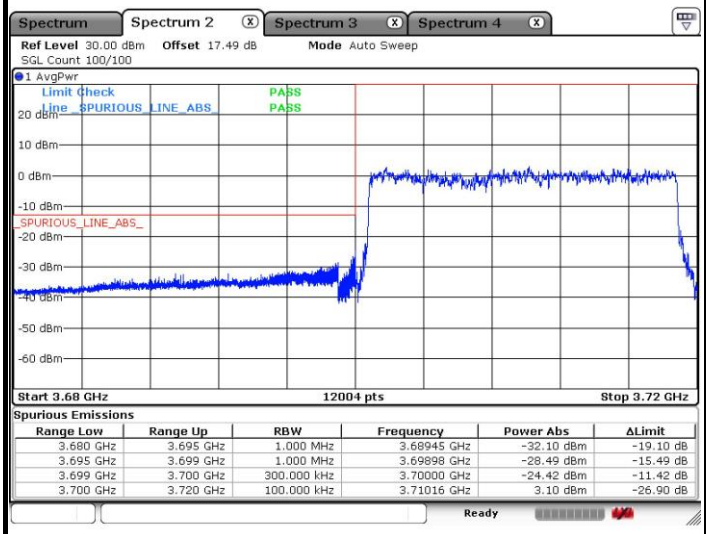


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.780 GHz	3.800 GHz	100.000 kHz	3.79903 GHz	18.07 dBm	-11.93 dB
3.800 GHz	3.801 GHz	300.000 kHz	3.80001 GHz	-16.96 dBm	-3.96 dB
3.801 GHz	3.805 GHz	1.000 MHz	3.80102 GHz	-26.10 dBm	-13.10 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.81679 GHz	-30.88 dBm	-17.88 dB

Date: 29.NOV.2021 13:46:21

Lowest Band Edge / Full RB

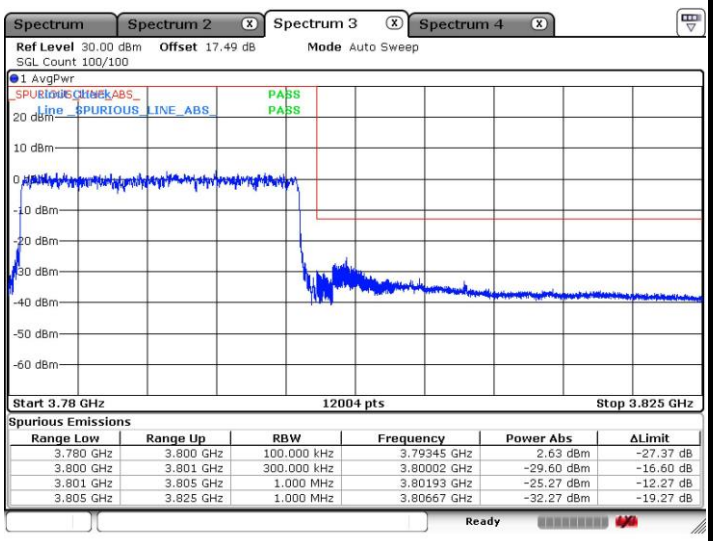


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.68945 GHz	-32.10 dBm	-19.10 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69898 GHz	-28.49 dBm	-15.49 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.70000 GHz	-24.42 dBm	-11.42 dB
3.700 GHz	3.720 GHz	100.000 kHz	3.71016 GHz	3.10 dBm	-26.90 dB

Date: 29.NOV.2021 13:54:29

Highest Band Edge / Full RB



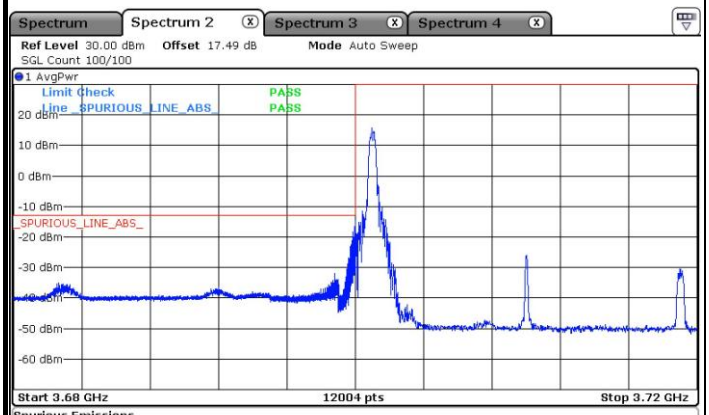
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.780 GHz	3.800 GHz	100.000 kHz	3.79345 GHz	2.63 dBm	-27.37 dB
3.800 GHz	3.801 GHz	300.000 kHz	3.80002 GHz	-29.60 dBm	-16.60 dB
3.801 GHz	3.805 GHz	1.000 MHz	3.80193 GHz	-25.27 dBm	-12.27 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80667 GHz	-32.27 dBm	-19.27 dB

Date: 29.NOV.2021 13:50:36

FR1 n78 /20MHz / CP OFDM / 256Q

Lowest Band Edge / 1RB0

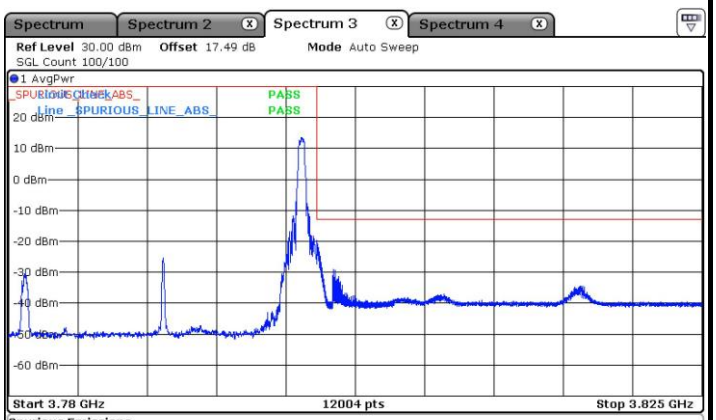


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.68262 GHz	-34.99 dBm	-21.99 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69878 GHz	-32.06 dBm	-19.06 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69998 GHz	-14.63 dBm	-1.63 dB
3.700 GHz	3.720 GHz	100.000 kHz	3.70096 GHz	15.92 dBm	-14.08 dB

Date: 29.NOV.2021 13:55:26

Highest Band Edge / 1RBmax

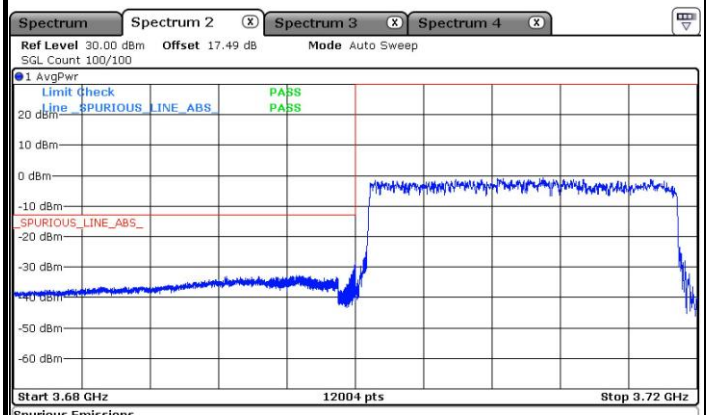


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.780 GHz	3.800 GHz	100.000 kHz	3.79900 GHz	13.64 dBm	-16.36 dB
3.800 GHz	3.801 GHz	300.000 kHz	3.80000 GHz	-19.63 dBm	-6.63 dB
3.801 GHz	3.805 GHz	1.000 MHz	3.80110 GHz	-28.97 dBm	-15.97 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.81728 GHz	-34.42 dBm	-21.42 dB

Date: 29.NOV.2021 13:48:14

Lowest Band Edge / Full RB

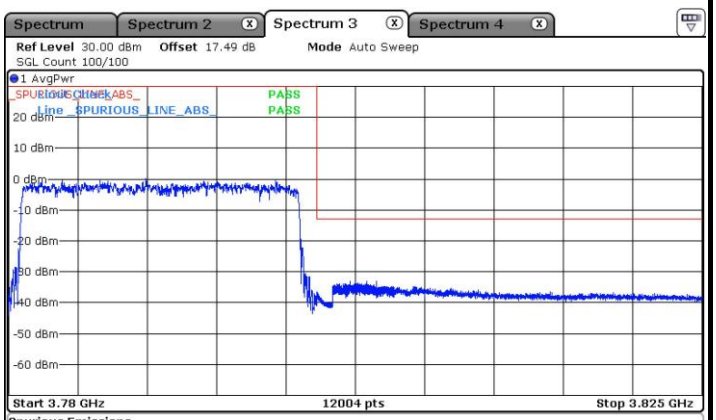


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69245 GHz	-33.14 dBm	-20.14 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69671 GHz	-32.67 dBm	-19.67 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69998 GHz	-28.20 dBm	-15.20 dB
3.700 GHz	3.720 GHz	100.000 kHz	3.71100 GHz	-0.74 dBm	-30.74 dB

Date: 29.NOV.2021 13:54:53

Highest Band Edge / Full RB



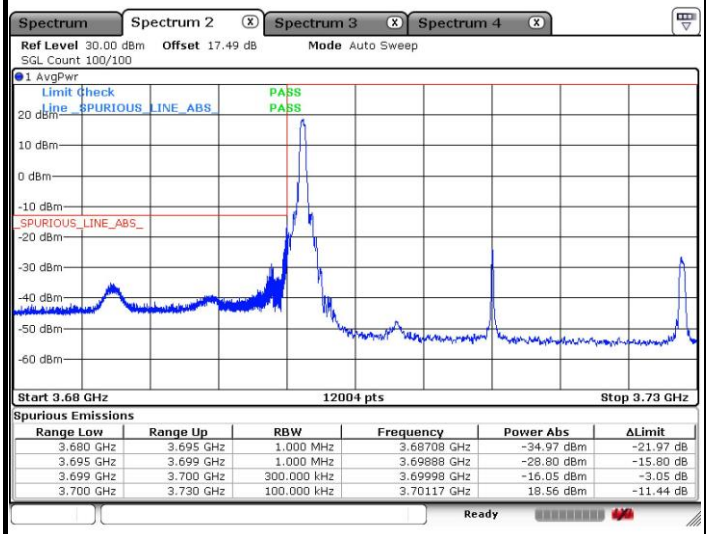
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.780 GHz	3.800 GHz	100.000 kHz	3.78890 GHz	0.18 dBm	-29.82 dB
3.800 GHz	3.801 GHz	300.000 kHz	3.80000 GHz	-36.59 dBm	-23.59 dB
3.801 GHz	3.805 GHz	1.000 MHz	3.80385 GHz	-33.07 dBm	-20.07 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80628 GHz	-34.77 dBm	-21.77 dB

Date: 29.NOV.2021 13:49:48

FR1 n78 / 30MHz / CP OFDM / QPSK

Lowest Band Edge / 1RB0

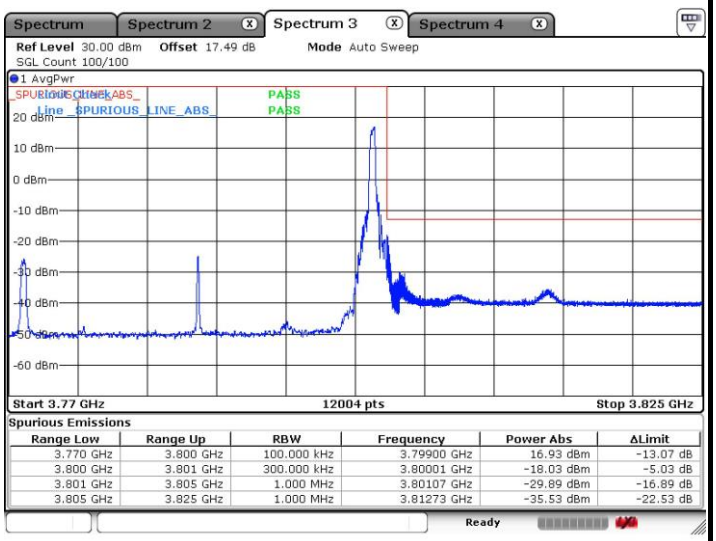


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.68708 GHz	-34.97 dBm	-21.97 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69888 GHz	-28.80 dBm	-15.80 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69998 GHz	-16.05 dBm	-3.05 dB
3.700 GHz	3.730 GHz	100.000 kHz	3.70117 GHz	18.56 dBm	-11.44 dB

Date: 29.NOV.2021 12:55:57

Highest Band Edge / 1RBmax

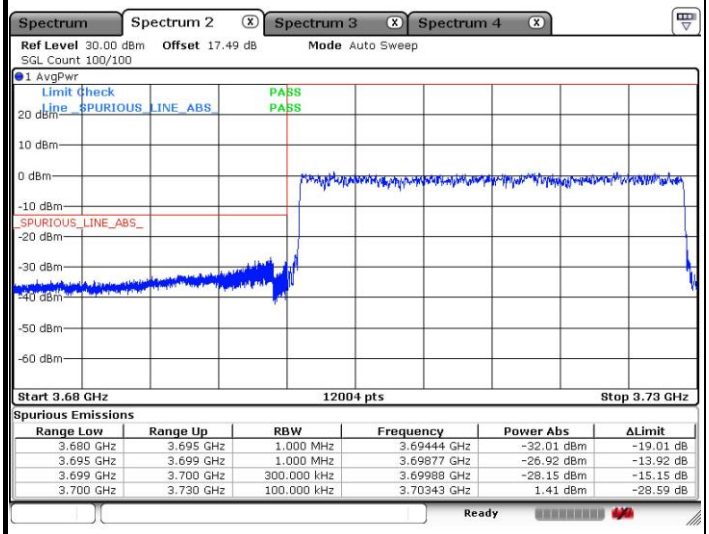


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.770 GHz	3.800 GHz	100.000 kHz	3.79900 GHz	16.93 dBm	-13.07 dB
3.800 GHz	3.801 GHz	300.000 kHz	3.80001 GHz	-18.03 dBm	-5.03 dB
3.801 GHz	3.805 GHz	1.000 MHz	3.80107 GHz	-29.89 dBm	-16.89 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.81273 GHz	-35.53 dBm	-22.53 dB

Date: 29.NOV.2021 13:06:31

Lowest Band Edge / Full RB

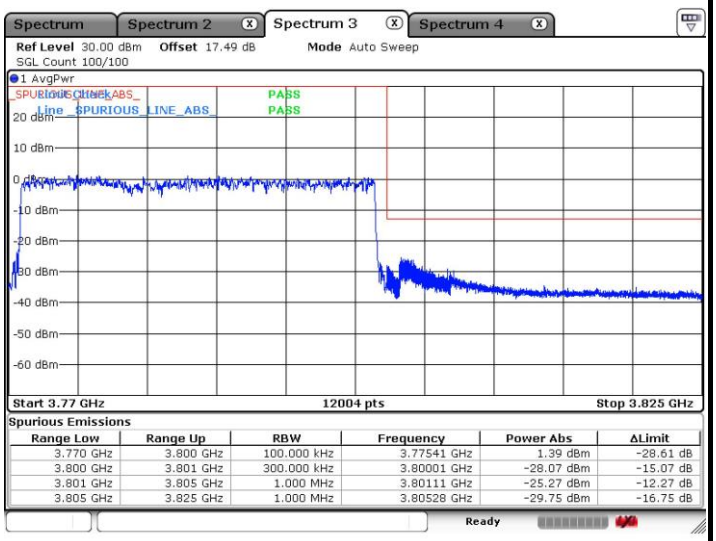


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69444 GHz	-32.01 dBm	-19.01 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69877 GHz	-26.92 dBm	-13.92 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69988 GHz	-28.15 dBm	-15.15 dB
3.700 GHz	3.730 GHz	100.000 kHz	3.70343 GHz	1.41 dBm	-28.59 dB

Date: 29.NOV.2021 12:58:45

Highest Band Edge / Full RB



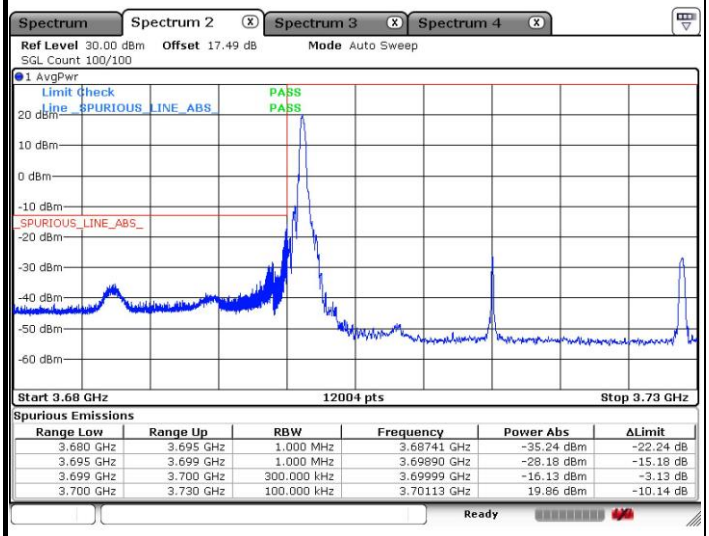
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.770 GHz	3.800 GHz	100.000 kHz	3.77541 GHz	1.39 dBm	-28.61 dB
3.800 GHz	3.801 GHz	300.000 kHz	3.80001 GHz	-28.07 dBm	-15.07 dB
3.801 GHz	3.805 GHz	1.000 MHz	3.80111 GHz	-25.27 dBm	-12.27 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80528 GHz	-29.75 dBm	-16.75 dB

Date: 29.NOV.2021 13:04:11

FR1 n78 / 30MHz / CP OFDM / 16Q

Lowest Band Edge / 1RB0

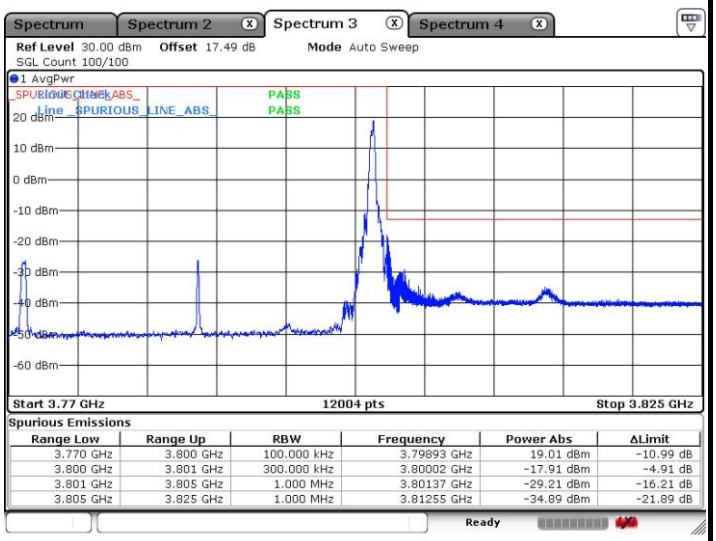


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.68741 GHz	-35.24 dBm	-22.24 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69890 GHz	-28.18 dBm	-15.18 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69999 GHz	-16.13 dBm	-3.13 dB
3.700 GHz	3.730 GHz	100.000 kHz	3.70113 GHz	19.86 dBm	-10.14 dB

Date: 29.NOV.2021 12:56:29

Highest Band Edge / 1RBmax

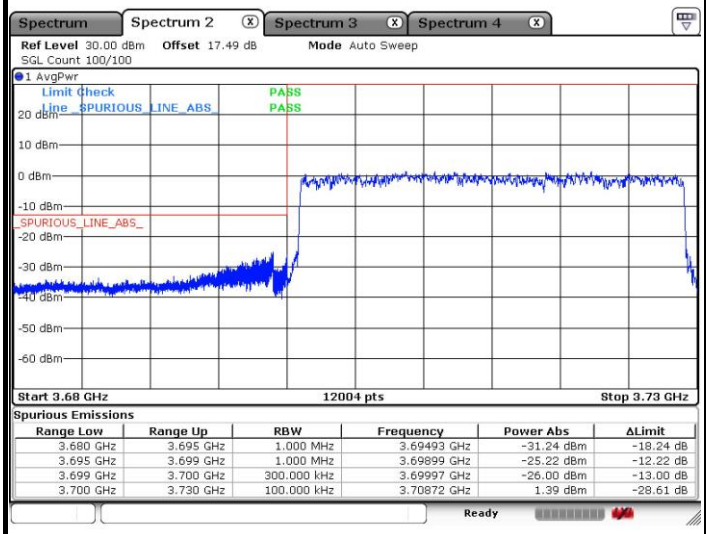


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.770 GHz	3.800 GHz	100.000 kHz	3.79893 GHz	19.01 dBm	-10.99 dB
3.800 GHz	3.801 GHz	300.000 kHz	3.80002 GHz	-17.91 dBm	-4.91 dB
3.801 GHz	3.805 GHz	1.000 MHz	3.80137 GHz	-29.21 dBm	-16.21 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.81255 GHz	-34.89 dBm	-21.89 dB

Date: 29.NOV.2021 13:06:13

Lowest Band Edge / Full RB

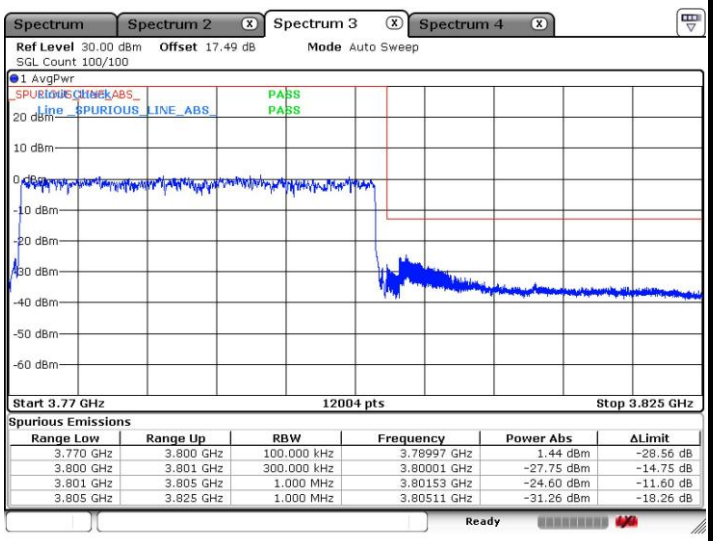


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69493 GHz	-31.24 dBm	-18.24 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69899 GHz	-25.22 dBm	-12.22 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69997 GHz	-26.00 dBm	-13.00 dB
3.700 GHz	3.730 GHz	100.000 kHz	3.70872 GHz	1.39 dBm	-28.61 dB

Date: 29.NOV.2021 12:58:22

Highest Band Edge / Full RB



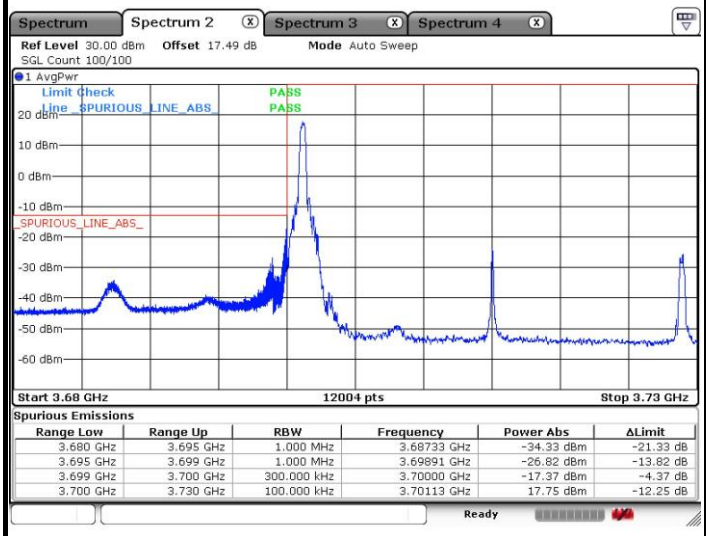
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.770 GHz	3.800 GHz	100.000 kHz	3.78997 GHz	1.44 dBm	-28.56 dB
3.800 GHz	3.801 GHz	300.000 kHz	3.80001 GHz	-27.75 dBm	-14.75 dB
3.801 GHz	3.805 GHz	1.000 MHz	3.80153 GHz	-24.60 dBm	-11.60 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80511 GHz	-31.26 dBm	-18.26 dB

Date: 29.NOV.2021 13:04:28

FR1 n78 /30MHz / CP OFDM / 64Q

Lowest Band Edge / 1RB0

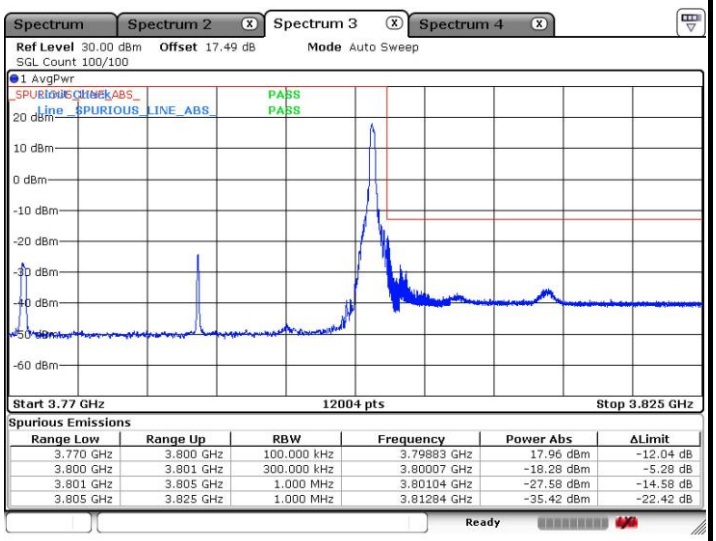


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.68733 GHz	-34.33 dBm	-21.33 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69891 GHz	-26.82 dBm	-13.82 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.70000 GHz	-17.37 dBm	-4.37 dB
3.700 GHz	3.730 GHz	100.000 kHz	3.70113 GHz	17.75 dBm	-12.25 dB

Date: 29.NOV.2021 12:56:53

Highest Band Edge / 1RBmax

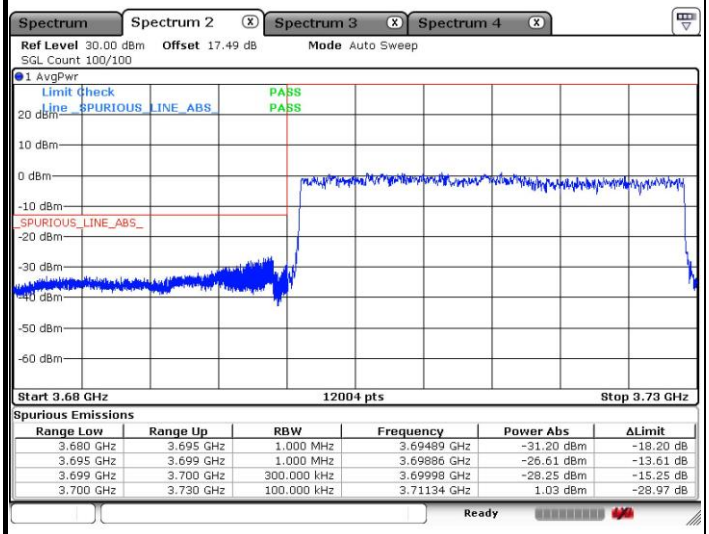


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.770 GHz	3.800 GHz	100.000 kHz	3.79883 GHz	17.96 dBm	-12.04 dB
3.800 GHz	3.801 GHz	300.000 kHz	3.80007 GHz	-18.28 dBm	-5.28 dB
3.801 GHz	3.805 GHz	1.000 MHz	3.80104 GHz	-27.58 dBm	-14.58 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.81284 GHz	-35.42 dBm	-22.42 dB

Date: 29.NOV.2021 13:05:54

Lowest Band Edge / Full RB

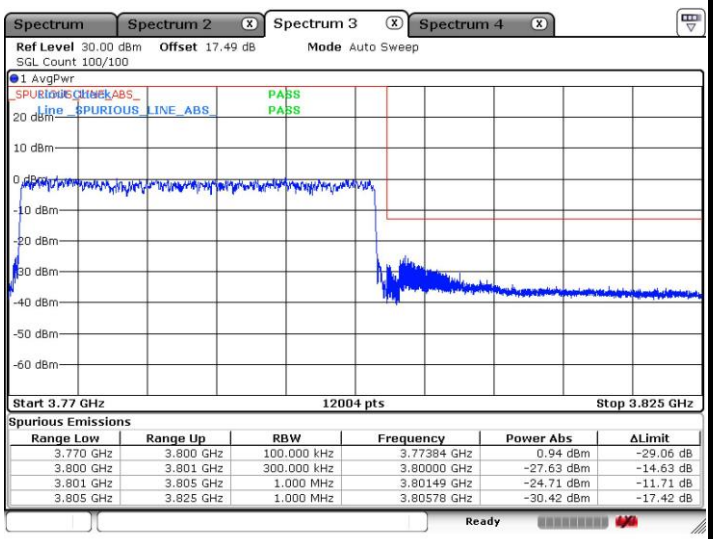


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69489 GHz	-31.20 dBm	-18.20 dB
3.695 GHz	3.699 GHz	1.000 MHz	3.69886 GHz	-26.61 dBm	-13.61 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69998 GHz	-28.25 dBm	-15.25 dB
3.700 GHz	3.730 GHz	100.000 kHz	3.71134 GHz	1.03 dBm	-28.97 dB

Date: 29.NOV.2021 12:58:03

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.770 GHz	3.800 GHz	100.000 kHz	3.77384 GHz	0.94 dBm	-29.06 dB
3.800 GHz	3.801 GHz	300.000 kHz	3.80000 GHz	-27.63 dBm	-14.63 dB
3.801 GHz	3.805 GHz	1.000 MHz	3.80149 GHz	-24.71 dBm	-11.71 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80578 GHz	-30.42 dBm	-17.42 dB

Date: 29.NOV.2021 13:04:46