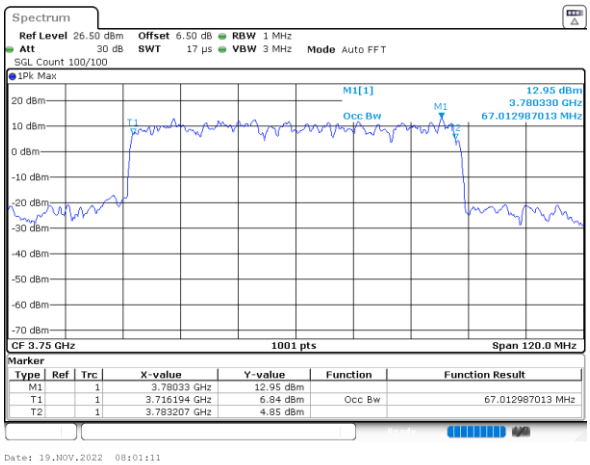
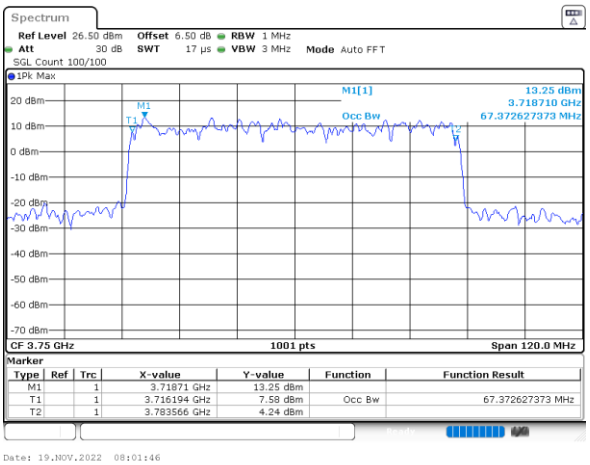
70MHz CP

QPSK



16QAM



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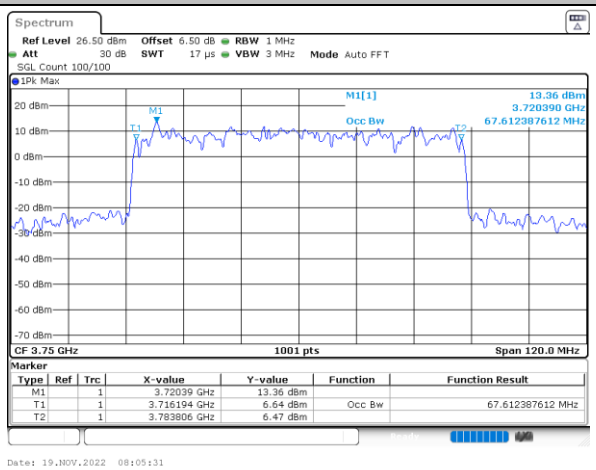

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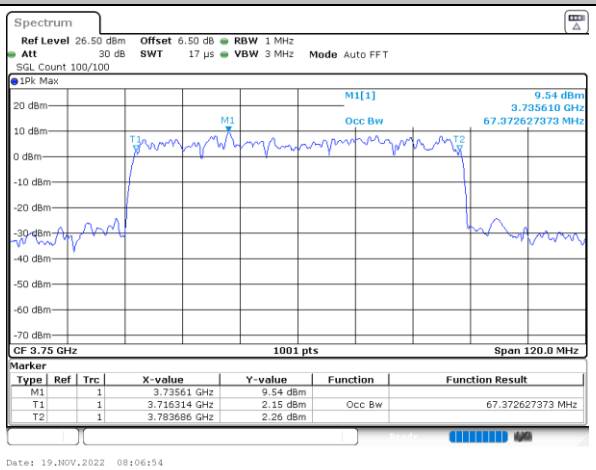
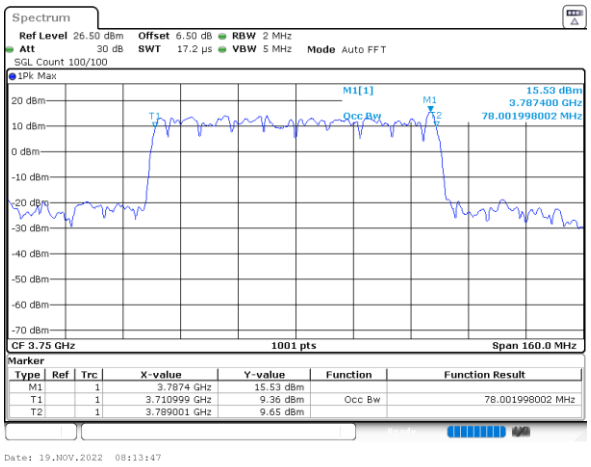


80MHz CP

QPSK



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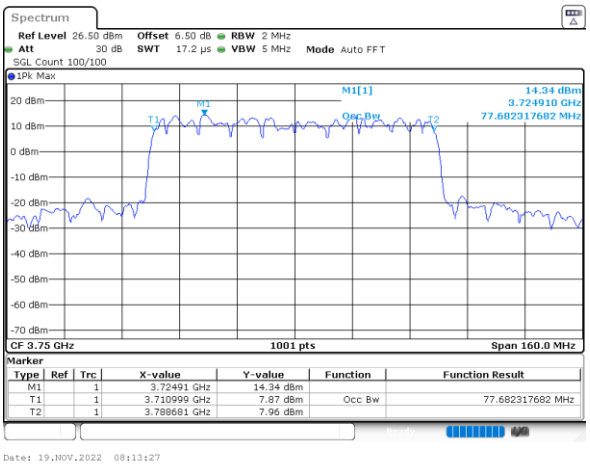

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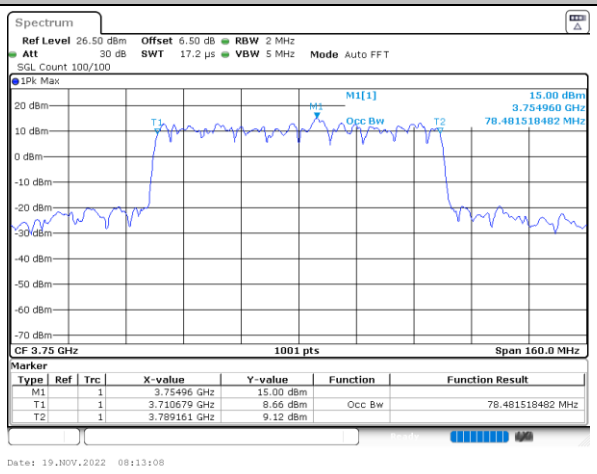

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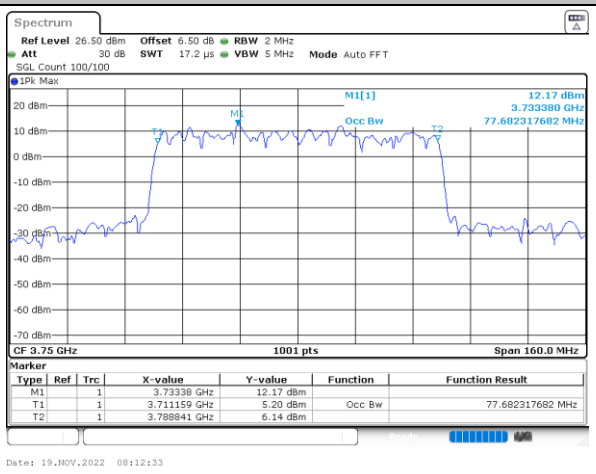
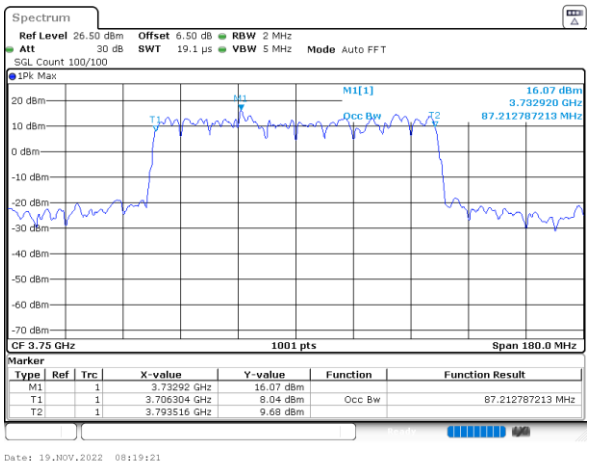


90MHz CP

QPSK



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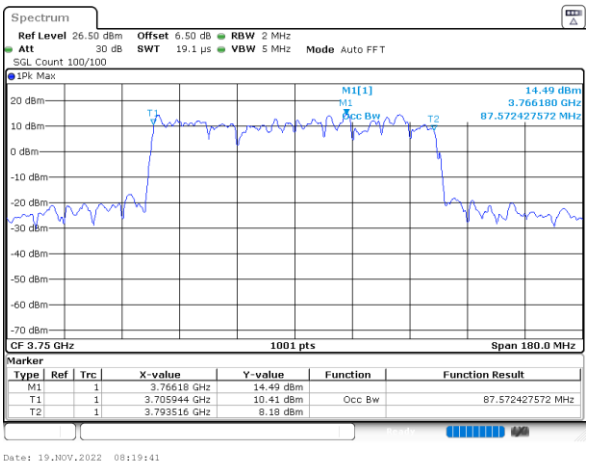

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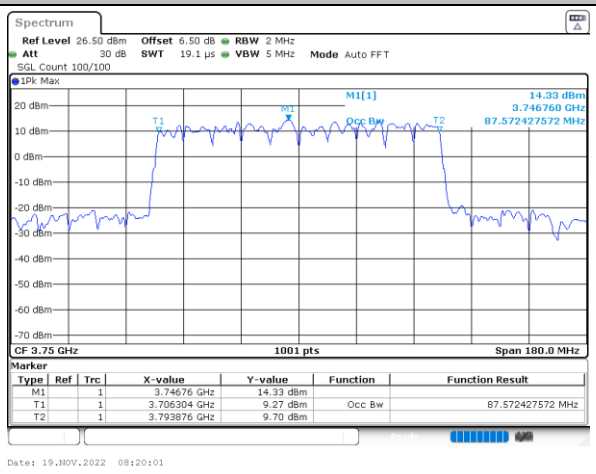

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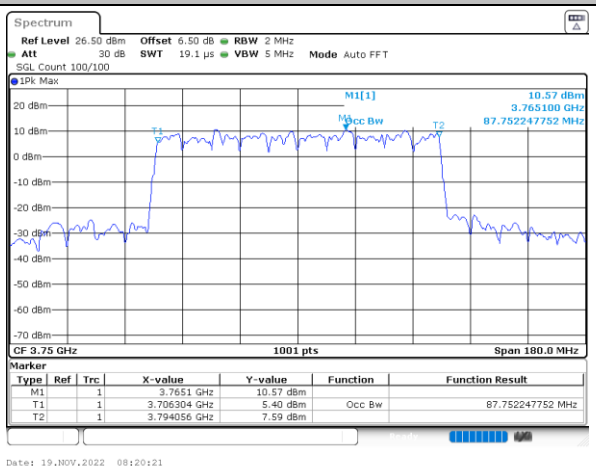
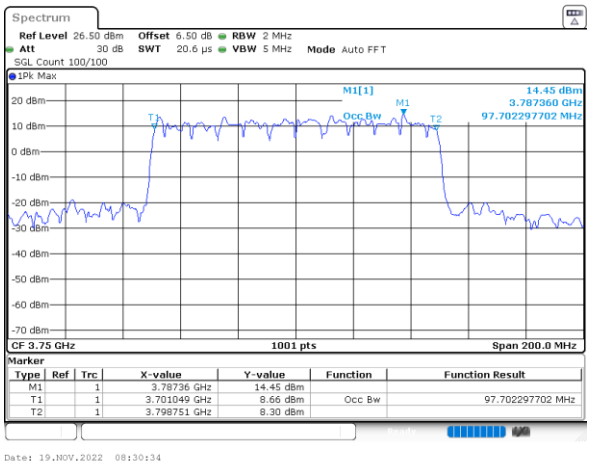


100MHz CP

QPSK



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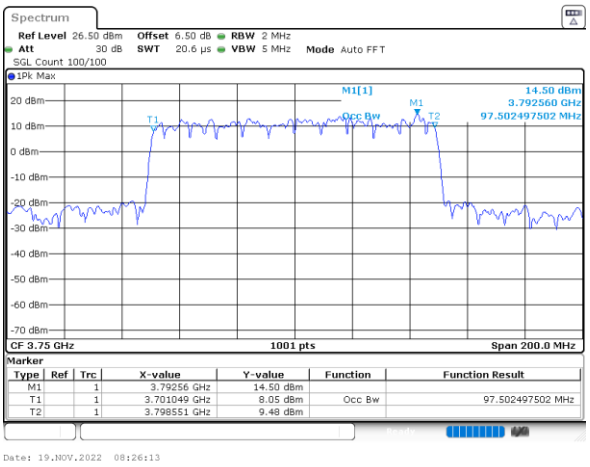

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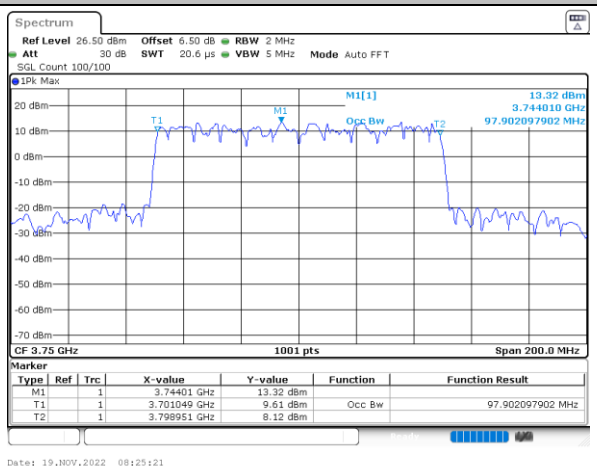

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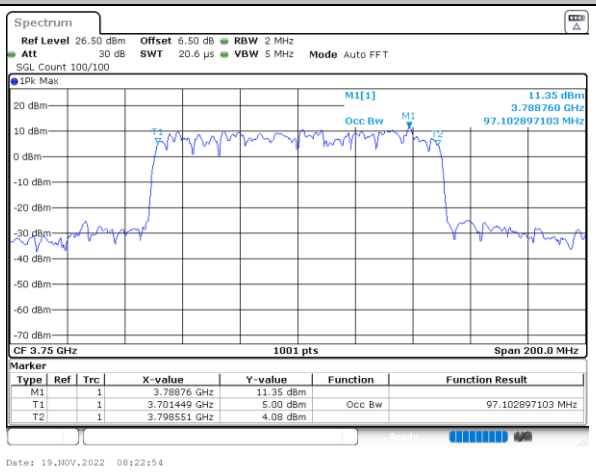
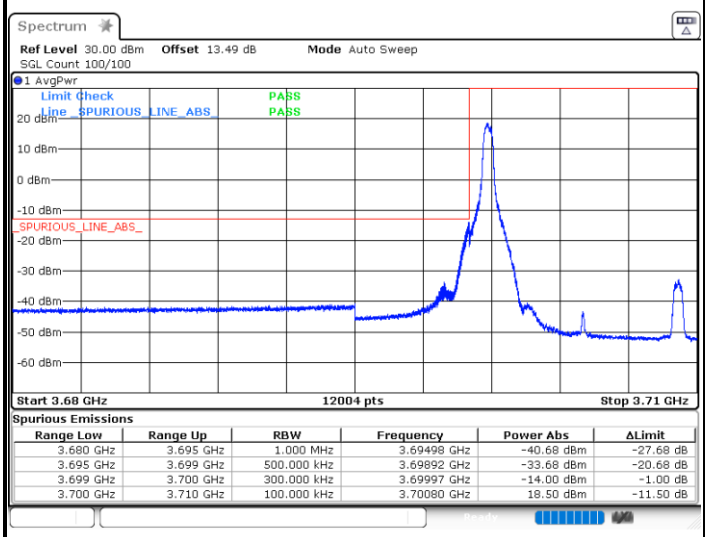


Conducted Band Edge

FR1 n78 / 10MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

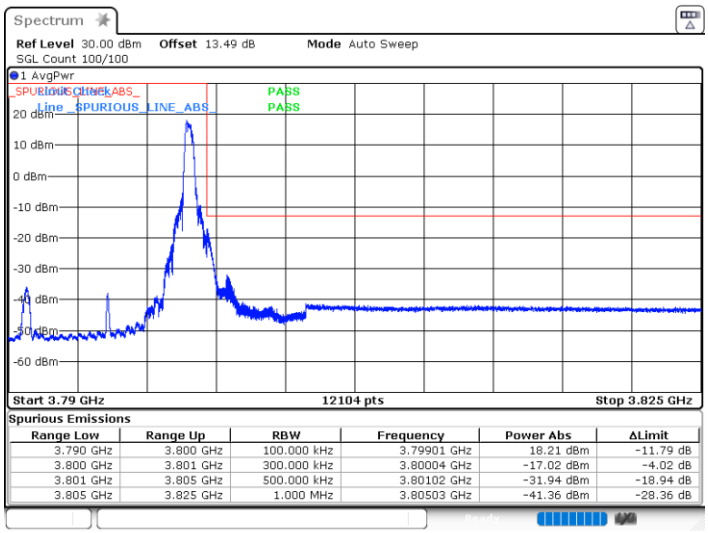


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69498 GHz	-40.68 dBm	-27.68 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69892 GHz	-33.68 dBm	-20.68 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69997 GHz	-14.00 dBm	-1.00 dB
3.700 GHz	3.710 GHz	100.000 kHz	3.70080 GHz	18.50 dBm	-11.50 dB

Date: 26.NOV.2022 06:41:46

Highest Band Edge / 1RBmax

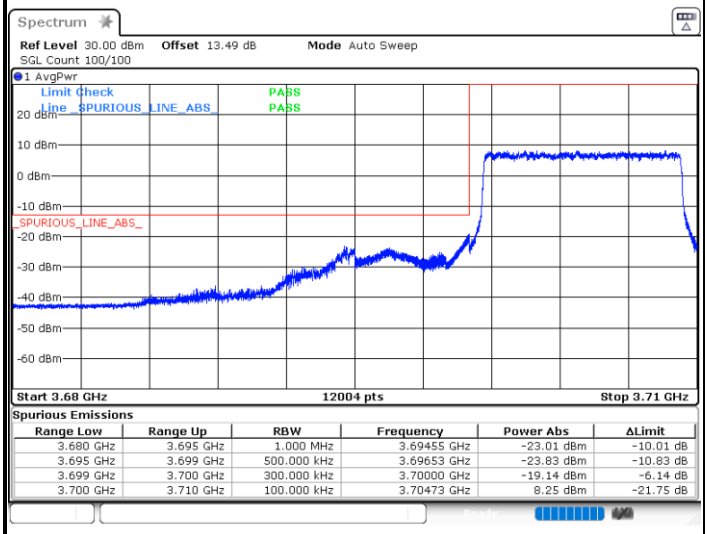


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.790 GHz	3.800 GHz	100.000 kHz	3.79901 GHz	18.21 dBm	-11.79 dB
3.800 GHz	3.801 GHz	300.000 kHz	3.80004 GHz	-17.02 dBm	-4.02 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80102 GHz	-31.94 dBm	-18.94 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80503 GHz	-41.36 dBm	-28.36 dB

Date: 26.NOV.2022 06:46:08

Lowest Band Edge / Full RB

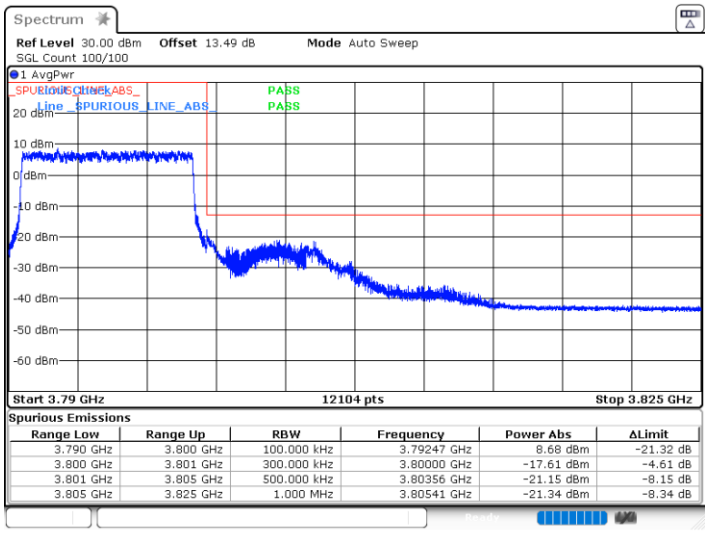


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69455 GHz	-23.01 dBm	-10.01 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69653 GHz	-23.83 dBm	-10.83 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.70000 GHz	-19.14 dBm	-6.14 dB
3.700 GHz	3.710 GHz	100.000 kHz	3.70473 GHz	8.25 dBm	-21.75 dB

Date: 26.NOV.2022 06:39:01

Highest Band Edge / Full RB



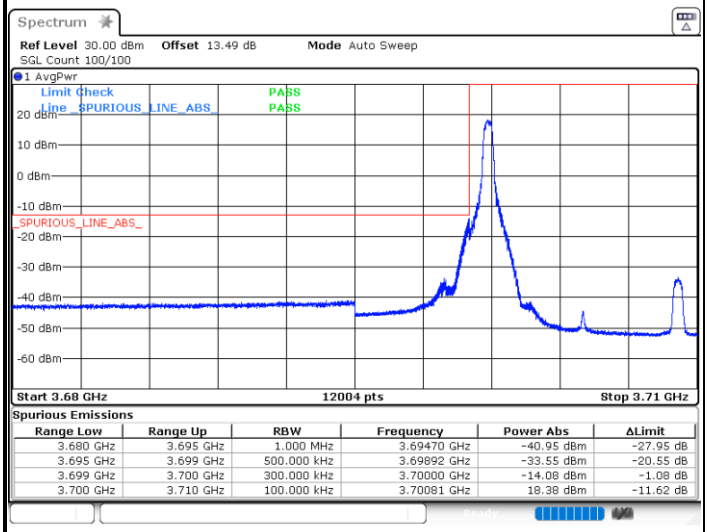
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.790 GHz	3.800 GHz	100.000 kHz	3.79247 GHz	8.68 dBm	-21.32 dB
3.800 GHz	3.801 GHz	300.000 kHz	3.80000 GHz	-17.61 dBm	-4.61 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80356 GHz	-21.15 dBm	-8.15 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80541 GHz	-21.34 dBm	-8.34 dB

Date: 26.NOV.2022 06:47:58

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

Lowest Band Edge / 1RB0

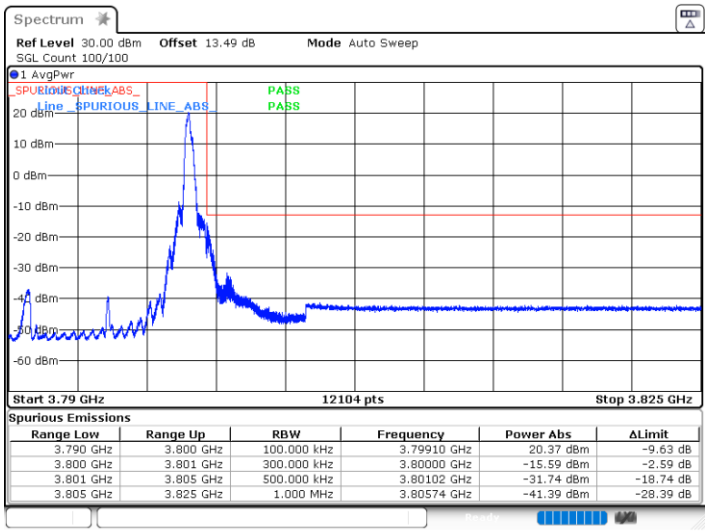


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69470 GHz	-40.95 dBm	-27.95 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69892 GHz	-33.55 dBm	-20.55 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.70000 GHz	-14.08 dBm	-1.08 dB
3.700 GHz	3.710 GHz	100.000 kHz	3.70081 GHz	18.38 dBm	-11.62 dB

Date: 26.NOV.2022 06:43:21

Highest Band Edge / 1RBmax

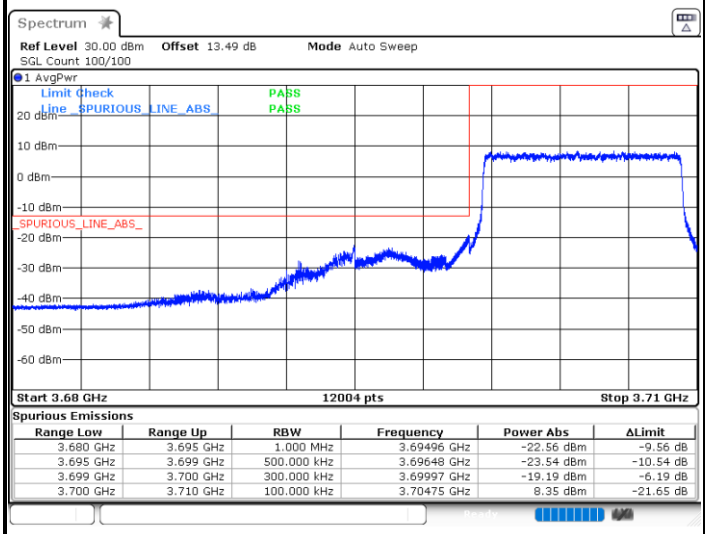


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.790 GHz	3.800 GHz	100.000 kHz	3.79910 GHz	20.37 dBm	-9.63 dB
3.800 GHz	3.801 GHz	300.000 kHz	3.80000 GHz	-15.59 dBm	-2.59 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80102 GHz	-31.74 dBm	-18.74 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80574 GHz	-41.39 dBm	-28.39 dB

Date: 26.NOV.2022 06:44:32

Lowest Band Edge / Full RB

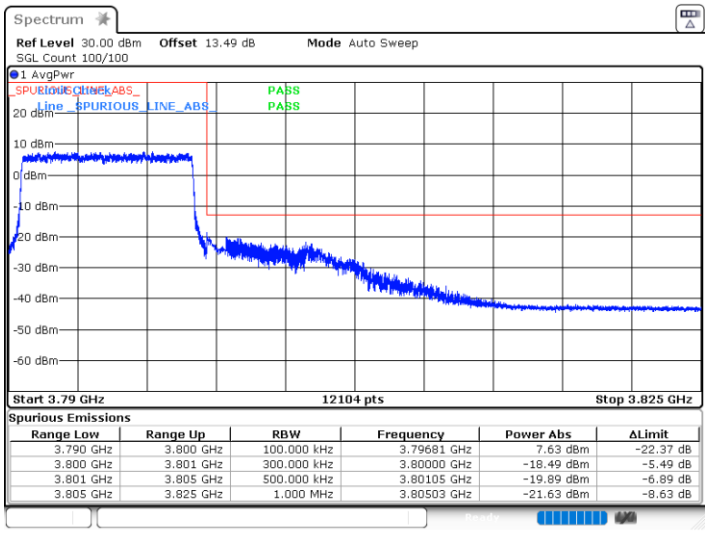


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69496 GHz	-22.56 dBm	-9.56 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69648 GHz	-23.54 dBm	-10.54 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69997 GHz	-19.19 dBm	-6.19 dB
3.700 GHz	3.710 GHz	100.000 kHz	3.70475 GHz	8.35 dBm	-21.65 dB

Date: 26.NOV.2022 06:40:28

Highest Band Edge / Full RB



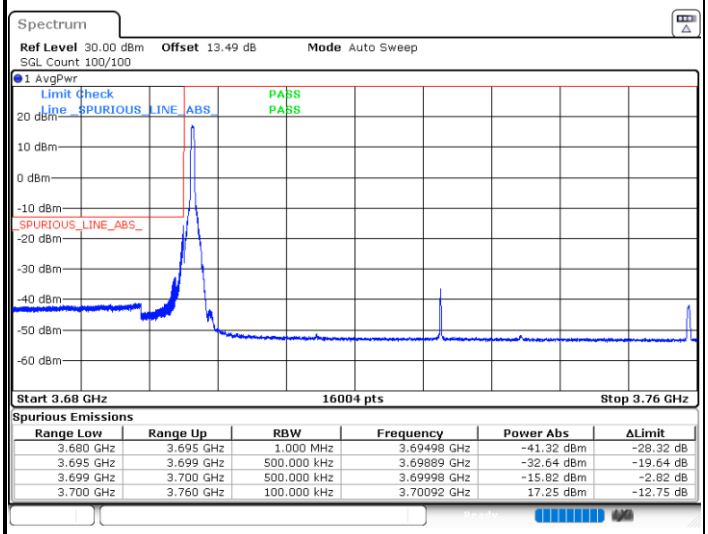
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.790 GHz	3.800 GHz	100.000 kHz	3.79681 GHz	7.63 dBm	-22.37 dB
3.800 GHz	3.801 GHz	300.000 kHz	3.80000 GHz	-18.49 dBm	-5.49 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80105 GHz	-19.89 dBm	-6.89 dB
3.805 GHz	3.825 GHz	1.000 MHz	3.80503 GHz	-21.63 dBm	-8.63 dB

Date: 26.NOV.2022 06:49:13

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

Lowest Band Edge / 1RB0

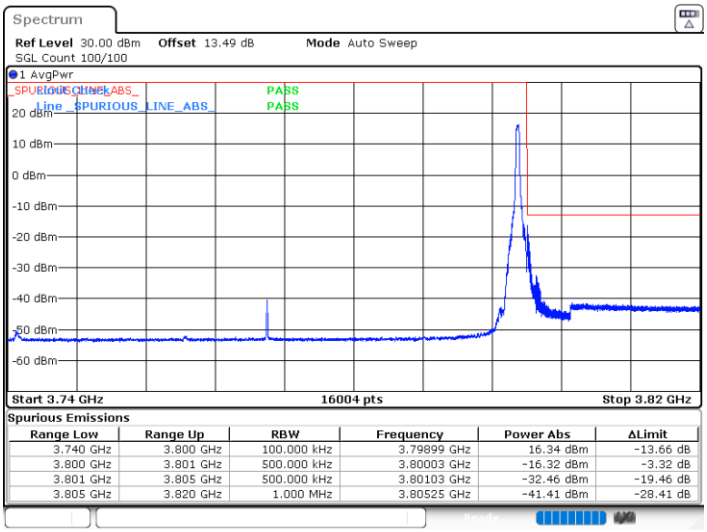


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69498 GHz	-41.32 dBm	-28.32 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69889 GHz	-32.64 dBm	-19.64 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69998 GHz	-15.82 dBm	-2.82 dB
3.700 GHz	3.760 GHz	100.000 kHz	3.70092 GHz	17.25 dBm	-12.75 dB

Date: 19.NOV.2022 06:58:15

Highest Band Edge / 1RBmax

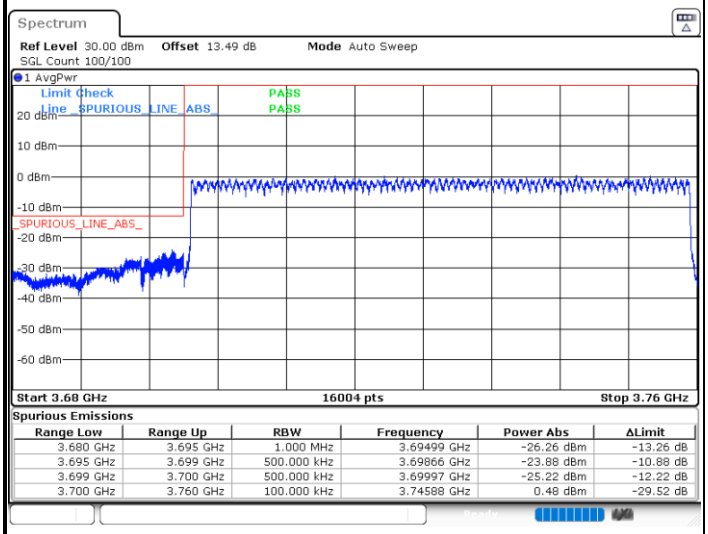


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.740 GHz	3.800 GHz	100.000 kHz	3.79899 GHz	16.34 dBm	-13.66 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80003 GHz	-16.32 dBm	-3.32 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80103 GHz	-32.46 dBm	-19.46 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80525 GHz	-41.41 dBm	-28.41 dB

Date: 19.NOV.2022 07:52:29

Lowest Band Edge / Full RB

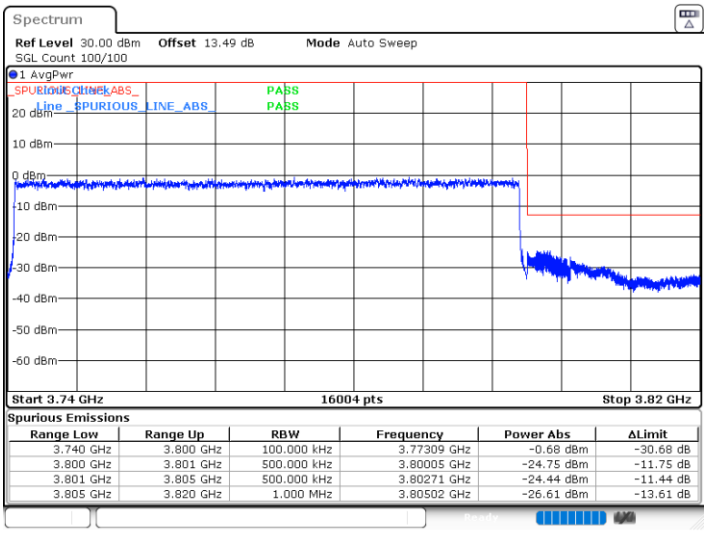


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69499 GHz	-26.26 dBm	-13.26 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69866 GHz	-23.88 dBm	-10.88 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69997 GHz	-25.22 dBm	-12.22 dB
3.700 GHz	3.760 GHz	100.000 kHz	3.74588 GHz	0.48 dBm	-29.52 dB

Date: 19.NOV.2022 07:48:38

Highest Band Edge / Full RB



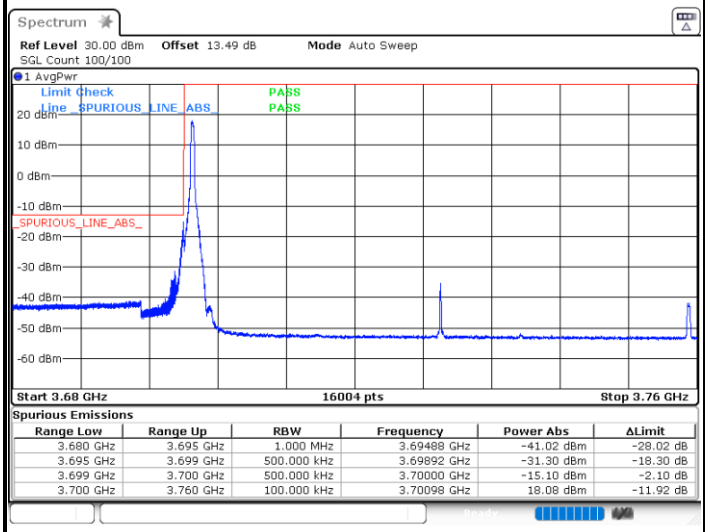
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.740 GHz	3.800 GHz	100.000 kHz	3.77309 GHz	-0.68 dBm	-30.68 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80005 GHz	-24.75 dBm	-11.75 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80271 GHz	-24.44 dBm	-11.44 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80502 GHz	-26.61 dBm	-13.61 dB

Date: 19.NOV.2022 07:50:16

FR1 n78 / 60MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

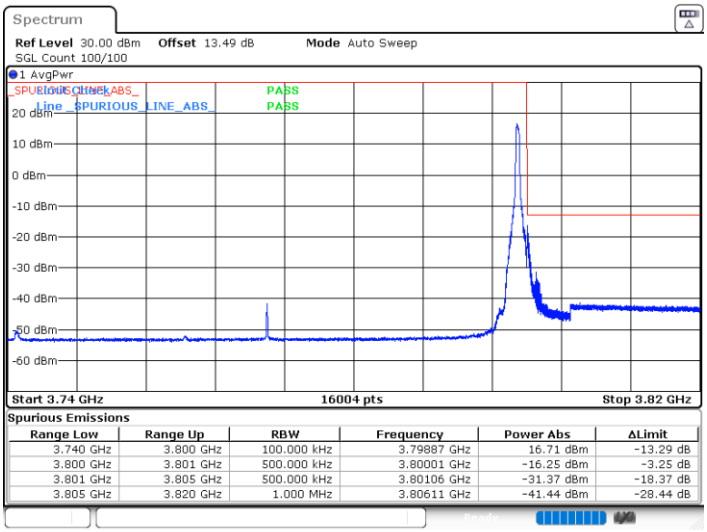


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69488 GHz	-41.02 dBm	-28.02 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69892 GHz	-31.30 dBm	-18.30 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.70000 GHz	-15.10 dBm	-2.10 dB
3.700 GHz	3.760 GHz	100.000 kHz	3.70098 GHz	18.08 dBm	-11.92 dB

Date: 19.NOV.2022 07:00:45

Highest Band Edge / 1RBmax

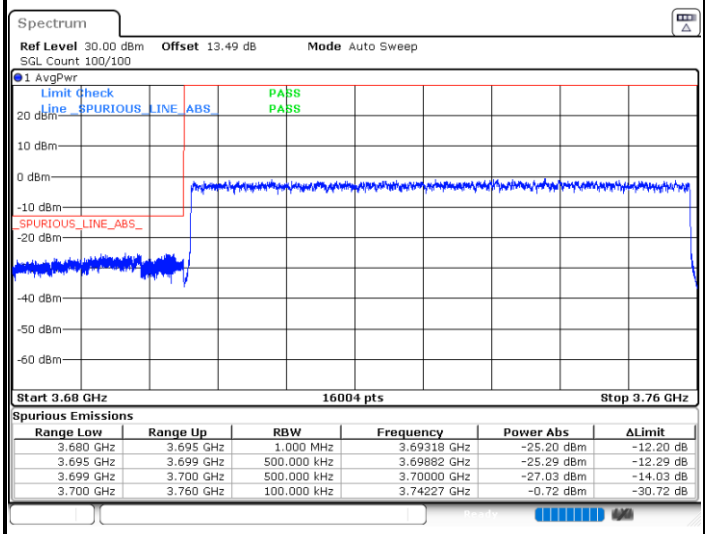


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.740 GHz	3.800 GHz	100.000 kHz	3.79887 GHz	16.71 dBm	-13.29 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80001 GHz	-16.25 dBm	-3.25 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80106 GHz	-31.37 dBm	-18.37 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80611 GHz	-41.44 dBm	-28.44 dB

Date: 19.NOV.2022 07:51:49

Lowest Band Edge / Full RB

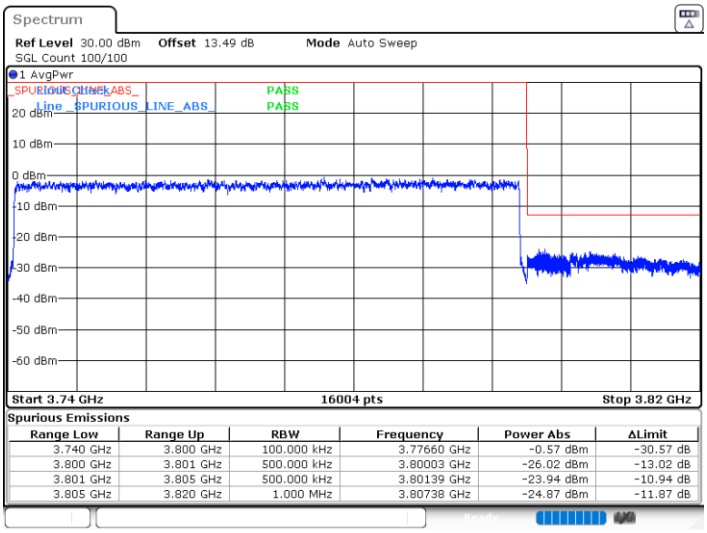


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69318 GHz	-25.20 dBm	-12.20 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69882 GHz	-25.29 dBm	-12.29 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.70000 GHz	-27.03 dBm	-14.03 dB
3.700 GHz	3.760 GHz	100.000 kHz	3.74227 GHz	-0.72 dBm	-30.72 dB

Date: 19.NOV.2022 07:47:40

Highest Band Edge / Full RB



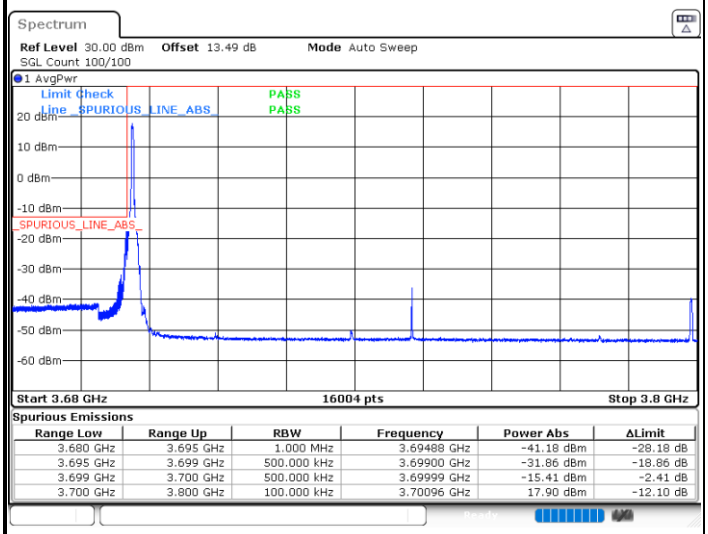
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.740 GHz	3.800 GHz	100.000 kHz	3.77660 GHz	-0.57 dBm	-30.57 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80003 GHz	-26.02 dBm	-13.02 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80139 GHz	-23.94 dBm	-10.94 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80738 GHz	-24.87 dBm	-11.87 dB

Date: 19.NOV.2022 07:50:57

FR1 n78 / 100MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

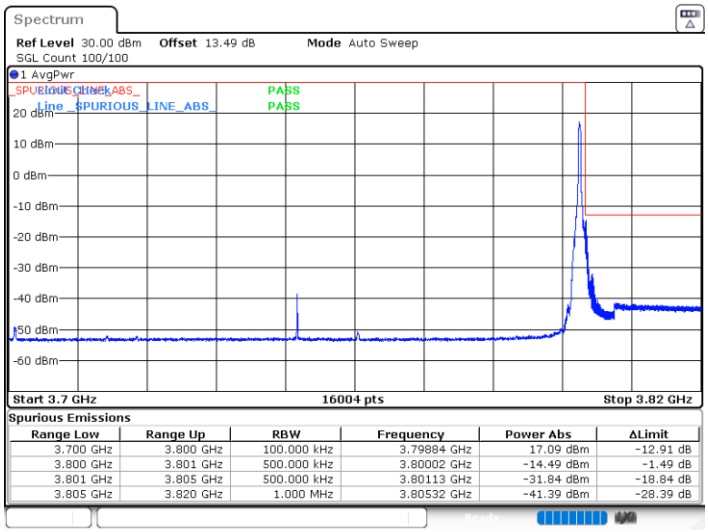


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69488 GHz	-41.18 dBm	-28.18 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69900 GHz	-31.86 dBm	-18.86 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69999 GHz	-15.41 dBm	-2.41 dB
3.700 GHz	3.800 GHz	100.000 kHz	3.70096 GHz	17.90 dBm	-12.10 dB

Date: 19.NOV.2022 08:33:09

Highest Band Edge / 1RBmax

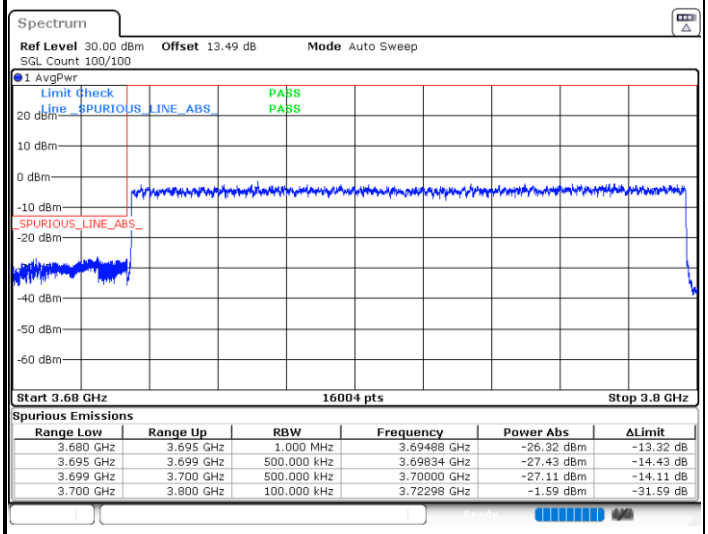


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.700 GHz	3.800 GHz	100.000 kHz	3.79884 GHz	17.09 dBm	-12.91 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80002 GHz	-14.49 dBm	-1.49 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80113 GHz	-31.84 dBm	-18.84 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80532 GHz	-41.39 dBm	-28.39 dB

Date: 19.NOV.2022 08:41:19

Lowest Band Edge / Full RB

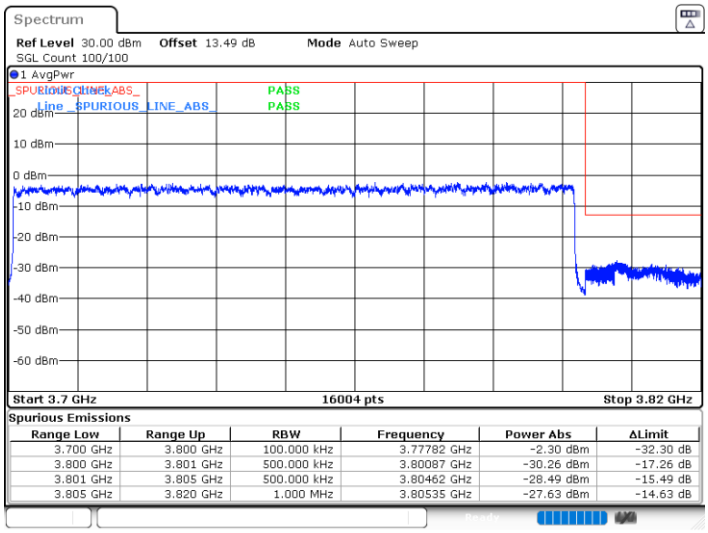


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69488 GHz	-26.32 dBm	-13.32 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69834 GHz	-27.43 dBm	-14.43 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.70000 GHz	-27.11 dBm	-14.11 dB
3.700 GHz	3.800 GHz	100.000 kHz	3.72298 GHz	-1.59 dBm	-31.59 dB

Date: 19.NOV.2022 08:37:40

Highest Band Edge / Full RB



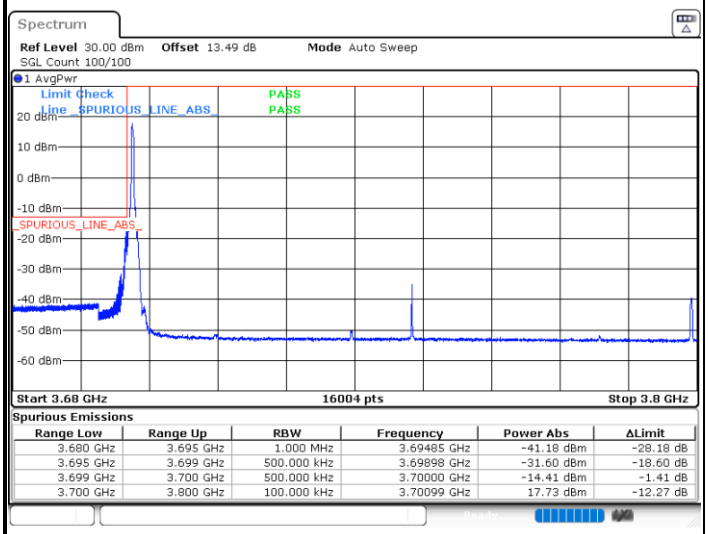
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.700 GHz	3.800 GHz	100.000 kHz	3.77782 GHz	-2.30 dBm	-32.30 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80087 GHz	-30.26 dBm	-17.26 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80462 GHz	-28.49 dBm	-15.49 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80535 GHz	-27.63 dBm	-14.63 dB

Date: 19.NOV.2022 08:39:13

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

Lowest Band Edge / 1RB0

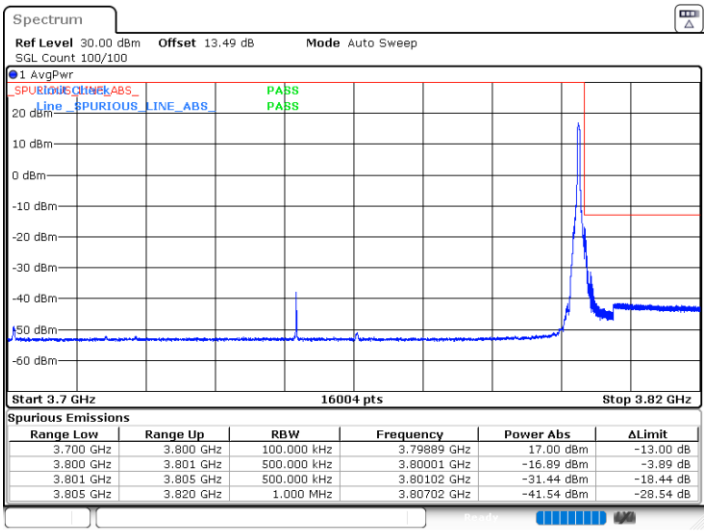


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69485 GHz	-41.18 dBm	-28.18 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69898 GHz	-31.60 dBm	-18.60 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.70000 GHz	-14.41 dBm	-1.41 dB
3.700 GHz	3.800 GHz	100.000 kHz	3.70099 GHz	17.73 dBm	-12.27 dB

Date: 19.NOV.2022 08:34:36

Highest Band Edge / 1RBmax

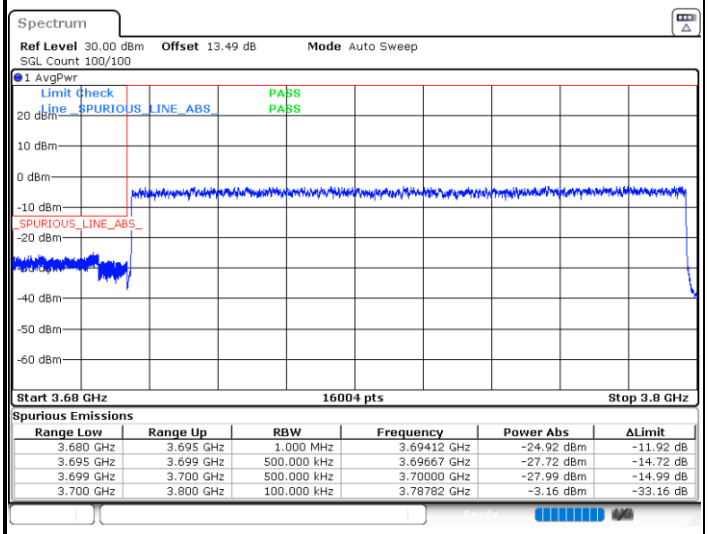


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.700 GHz	3.800 GHz	100.000 kHz	3.79889 GHz	17.00 dBm	-13.00 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80001 GHz	-16.89 dBm	-3.89 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80102 GHz	-31.44 dBm	-18.44 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80702 GHz	-41.54 dBm	-28.54 dB

Date: 19.NOV.2022 08:40:36

Lowest Band Edge / Full RB

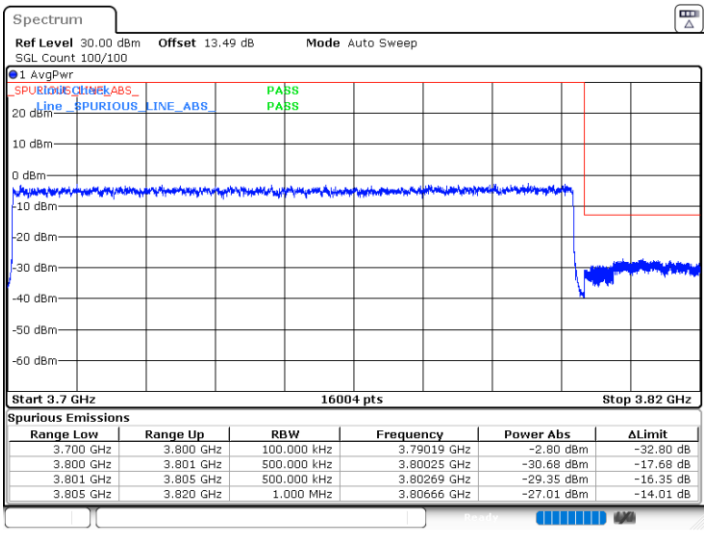


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69412 GHz	-24.92 dBm	-11.92 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69667 GHz	-27.72 dBm	-14.72 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.70000 GHz	-27.99 dBm	-14.99 dB
3.700 GHz	3.800 GHz	100.000 kHz	3.78782 GHz	-3.16 dBm	-33.16 dB

Date: 19.NOV.2022 08:36:13

Highest Band Edge / Full RB



Spurious Emissions

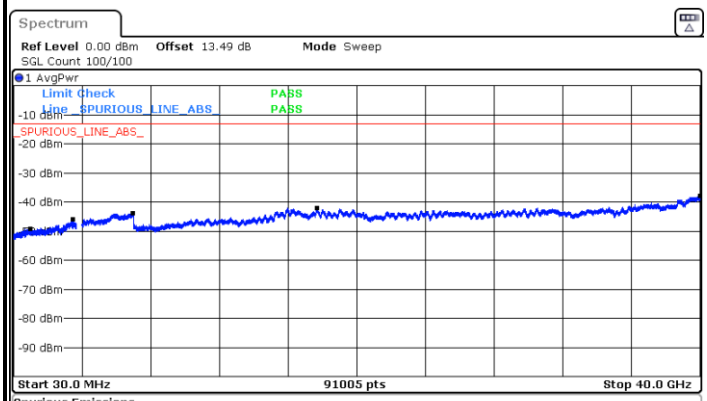
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.700 GHz	3.800 GHz	100.000 kHz	3.79019 GHz	-2.80 dBm	-32.80 dB
3.800 GHz	3.801 GHz	500.000 kHz	3.80025 GHz	-30.68 dBm	-17.68 dB
3.801 GHz	3.805 GHz	500.000 kHz	3.80269 GHz	-29.35 dBm	-16.35 dB
3.805 GHz	3.820 GHz	1.000 MHz	3.80666 GHz	-27.01 dBm	-14.01 dB

Date: 19.NOV.2022 08:39:52

Conducted Spurious Emission

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

Lowest Channel / 1RB1

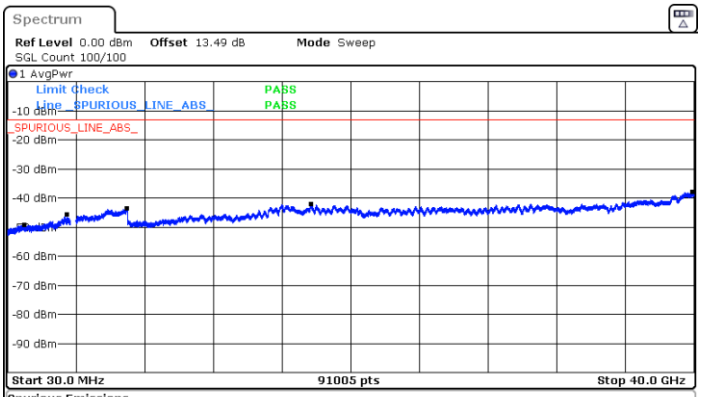


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.30167 MHz	-49.18 dBm	-36.18 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.48958 GHz	-46.00 dBm	-33.00 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.98560 GHz	-43.75 dBm	-30.75 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.66593 GHz	-42.13 dBm	-29.13 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99367 GHz	-38.03 dBm	-25.03 dB

Date: 26.NOV.2022 07:05:40

Middle Channel / 1RB1

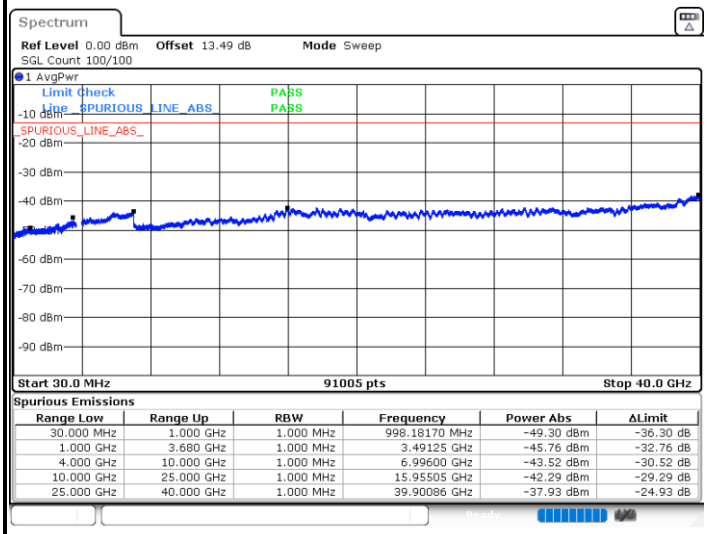


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.39340 MHz	-49.18 dBm	-36.18 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.49025 GHz	-45.62 dBm	-32.62 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.98280 GHz	-43.72 dBm	-30.72 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.66546 GHz	-42.18 dBm	-29.18 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.87977 GHz	-37.97 dBm	-24.97 dB

Date: 26.NOV.2022 07:03:56

Highest Channel / 1RB1



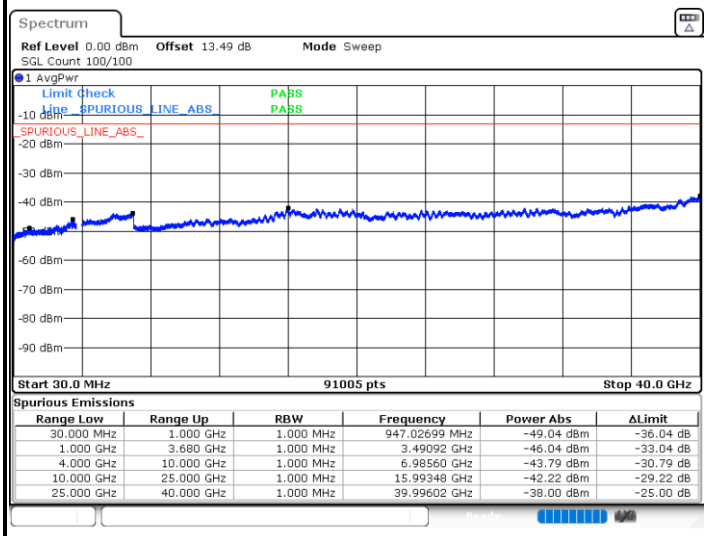
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.18170 MHz	-49.30 dBm	-36.30 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.49125 GHz	-45.76 dBm	-32.76 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.99600 GHz	-43.52 dBm	-30.52 dB
10.000 GHz	25.000 GHz	1.000 MHz	15.95505 GHz	-42.29 dBm	-29.29 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.90086 GHz	-37.93 dBm	-24.93 dB

Date: 26.NOV.2022 06:59:50

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

Lowest Channel / 1RB1

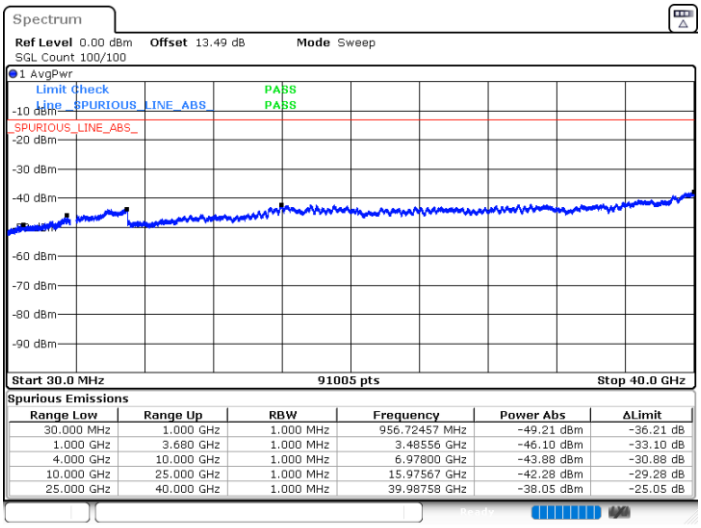


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.02699 MHz	-49.04 dBm	-36.04 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.49092 GHz	-46.04 dBm	-33.04 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.98560 GHz	-43.79 dBm	-30.79 dB
10.000 GHz	25.000 GHz	1.000 MHz	15.99348 GHz	-42.22 dBm	-29.22 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99602 GHz	-38.00 dBm	-25.00 dB

Date: 26.NOV.2022 07:06:51

Middle Channel / 1RB1

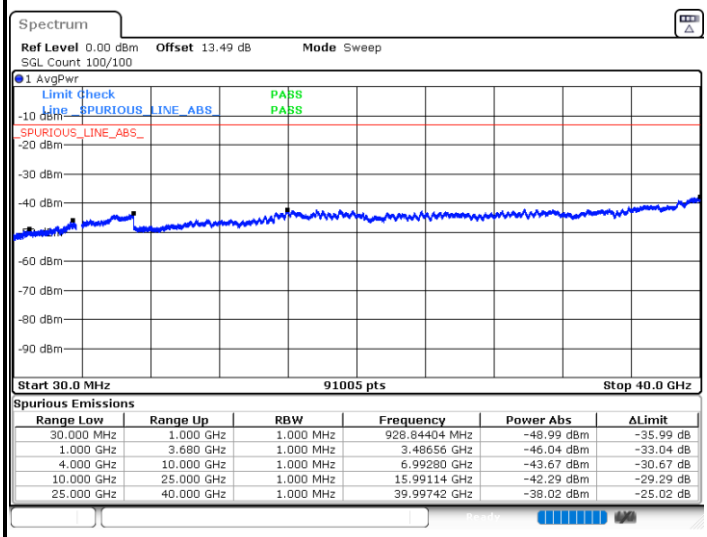


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	956.72457 MHz	-49.21 dBm	-36.21 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.48556 GHz	-46.10 dBm	-33.10 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.97800 GHz	-43.88 dBm	-30.88 dB
10.000 GHz	25.000 GHz	1.000 MHz	15.97567 GHz	-42.28 dBm	-29.28 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.98758 GHz	-38.05 dBm	-25.05 dB

Date: 26.NOV.2022 07:02:25

Highest Channel / 1RB1



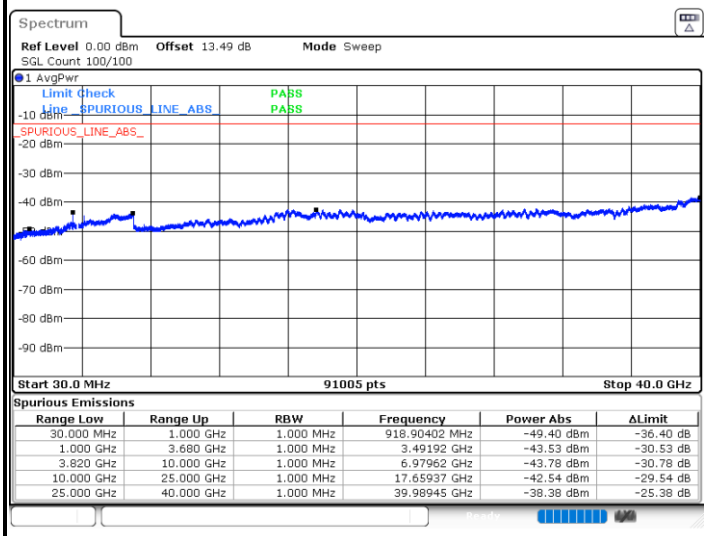
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.84404 MHz	-48.99 dBm	-35.99 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.48656 GHz	-46.04 dBm	-33.04 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.99280 GHz	-43.67 dBm	-30.67 dB
10.000 GHz	25.000 GHz	1.000 MHz	15.99114 GHz	-42.29 dBm	-29.29 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99742 GHz	-38.02 dBm	-25.02 dB

Date: 26.NOV.2022 07:01:02

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

Lowest Channel / 1RB1

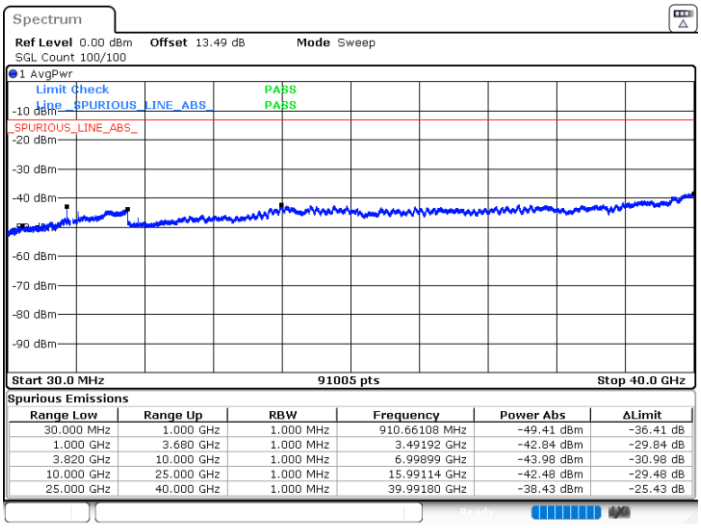


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.90402 MHz	-49.40 dBm	-36.40 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.49192 GHz	-43.53 dBm	-30.53 dB
3.820 GHz	10.000 GHz	1.000 MHz	6.97962 GHz	-43.78 dBm	-30.78 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.65937 GHz	-42.54 dBm	-29.54 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.98945 GHz	-38.38 dBm	-25.38 dB

Date: 19.NOV.2022 07:58:44

Middle Channel / 1RB1

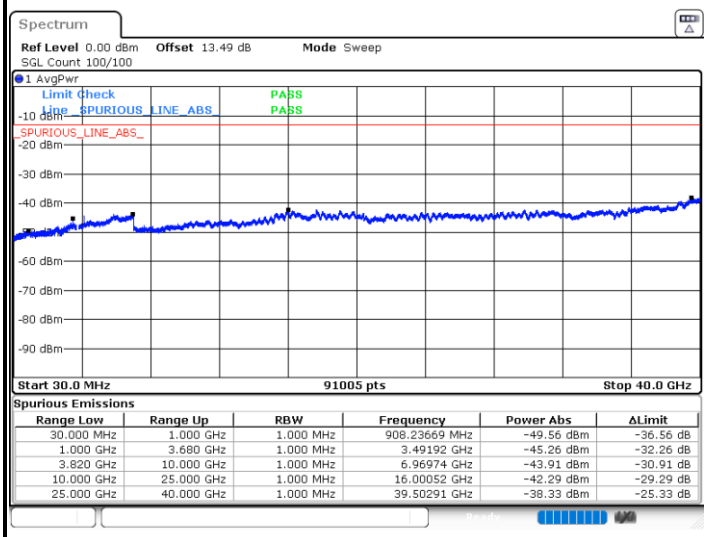


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	910.66108 MHz	-49.41 dBm	-36.41 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.49192 GHz	-42.84 dBm	-29.84 dB
3.820 GHz	10.000 GHz	1.000 MHz	6.99899 GHz	-43.98 dBm	-30.98 dB
10.000 GHz	25.000 GHz	1.000 MHz	15.99114 GHz	-42.48 dBm	-29.48 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99180 GHz	-38.43 dBm	-25.43 dB

Date: 19.NOV.2022 07:57:35

Highest Channel / 1RB1



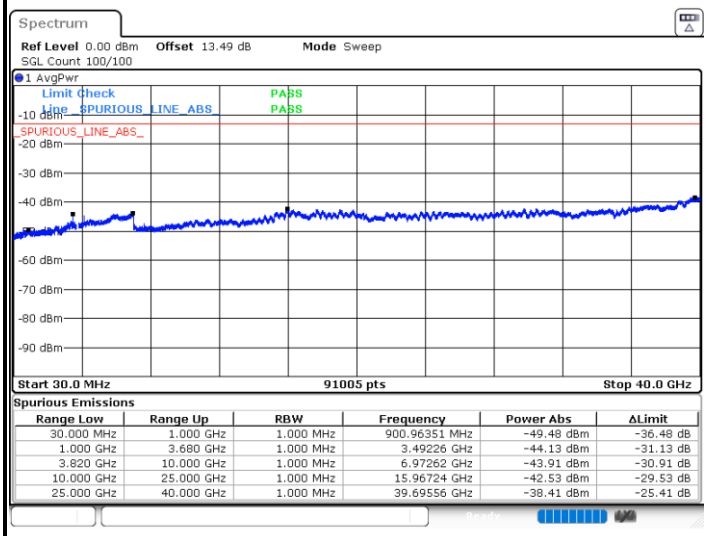
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.23669 MHz	-49.56 dBm	-36.56 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.49192 GHz	-45.26 dBm	-32.26 dB
3.820 GHz	10.000 GHz	1.000 MHz	6.96974 GHz	-43.91 dBm	-30.91 dB
10.000 GHz	25.000 GHz	1.000 MHz	16.00052 GHz	-42.29 dBm	-29.29 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.50291 GHz	-38.33 dBm	-25.33 dB

Date: 19.NOV.2022 07:54:00

FR1 n78 /60MHz / DFT-S OFDM /QPSK

Lowest Channel / 1RB1

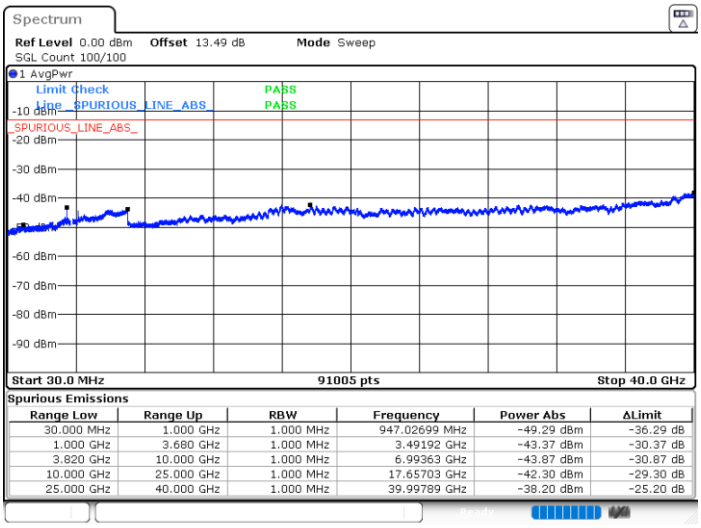


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	900.96351 MHz	-49.48 dBm	-36.48 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.49226 GHz	-44.13 dBm	-31.13 dB
3.820 GHz	10.000 GHz	1.000 MHz	6.97262 GHz	-43.91 dBm	-30.91 dB
10.000 GHz	25.000 GHz	1.000 MHz	15.96724 GHz	-42.53 dBm	-29.53 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.69556 GHz	-38.41 dBm	-25.41 dB

Date: 19.NOV.2022 07:59:54

Middle Channel / 1RB1

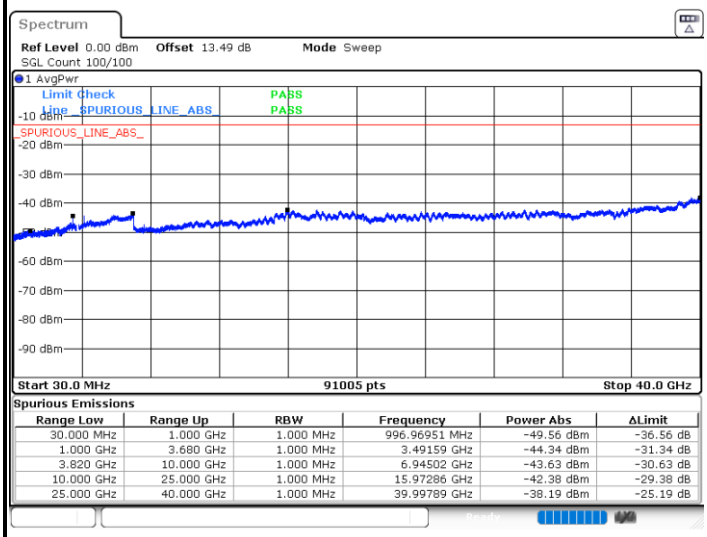


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.02699 MHz	-49.29 dBm	-36.29 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.49192 GHz	-43.37 dBm	-30.37 dB
3.820 GHz	10.000 GHz	1.000 MHz	6.99363 GHz	-43.87 dBm	-30.87 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.65703 GHz	-42.30 dBm	-29.30 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99789 GHz	-38.20 dBm	-25.20 dB

Date: 19.NOV.2022 07:56:19

Highest Channel / 1RB1



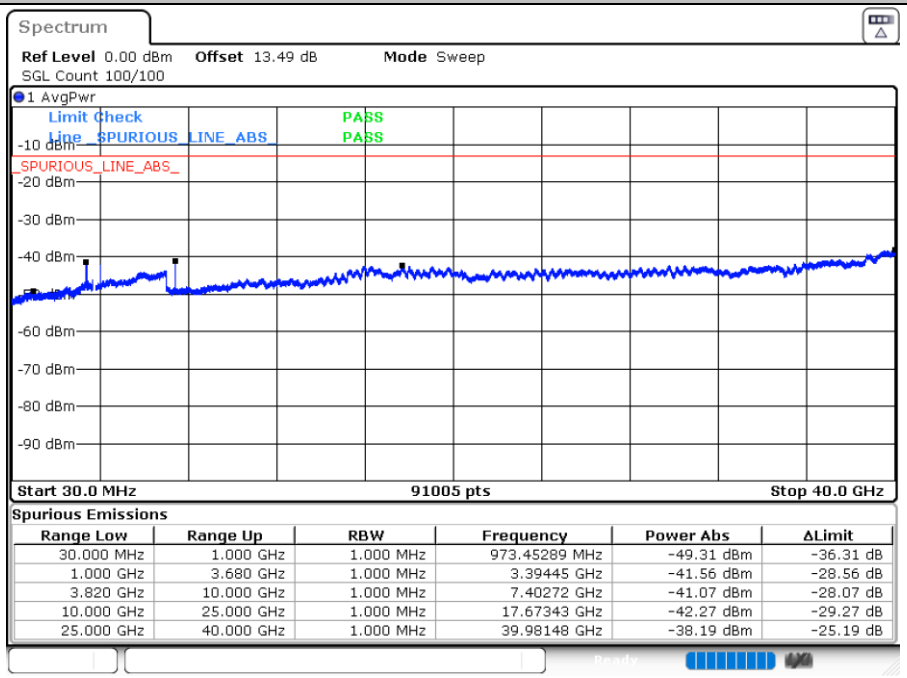
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.96951 MHz	-49.56 dBm	-36.56 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.49159 GHz	-44.34 dBm	-31.34 dB
3.820 GHz	10.000 GHz	1.000 MHz	6.94502 GHz	-43.63 dBm	-30.63 dB
10.000 GHz	25.000 GHz	1.000 MHz	15.97286 GHz	-42.38 dBm	-29.38 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.99789 GHz	-38.19 dBm	-25.19 dB

Date: 19.NOV.2022 07:55:06

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

Middle Channel / 1RB1



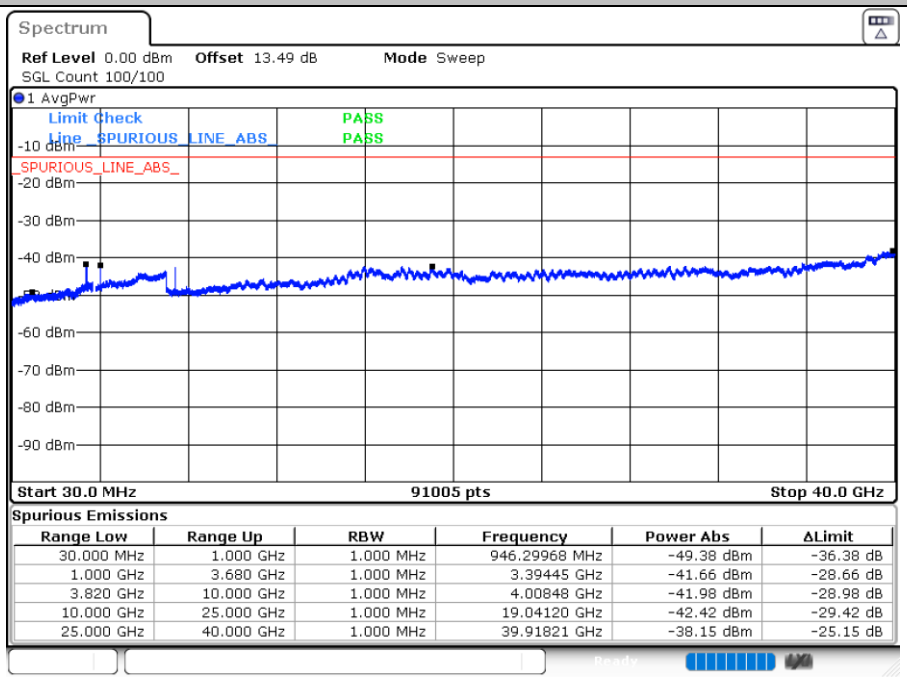
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.45289 MHz	-49.31 dBm	-36.31 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.39445 GHz	-41.56 dBm	-28.56 dB
3.820 GHz	10.000 GHz	1.000 MHz	7.40272 GHz	-41.07 dBm	-28.07 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.67343 GHz	-42.27 dBm	-29.27 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.98148 GHz	-38.19 dBm	-25.19 dB

Date: 19.NOV.2022 08:43:18

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	-49.38 dBm	-36.38 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.39445 GHz	-41.66 dBm	-28.66 dB
3.820 GHz	10.000 GHz	1.000 MHz	4.00848 GHz	-41.98 dBm	-28.98 dB
10.000 GHz	25.000 GHz	1.000 MHz	19.04120 GHz	-42.42 dBm	-29.42 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.91821 GHz	-38.15 dBm	-25.15 dB

Date: 19.NOV.2022 08:44:36

Frequency Stability

Test Conditions		FR1 n78 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0051	
-20	Normal Voltage	0.0031	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0015	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

SA n77 / NR 100MHz / QPSK DFT-s-OFDM / Ant7								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7590	-60.54	-13	-47.54	-71.02	2.76	13.24	H
	11388	-59.52	-13	-46.52	-69.11	3.42	13.01	H
	15180	-58.23	-13	-45.23	-67.84	3.83	13.44	H
	7590	-61.05	-13	-48.05	-71.49	2.80	13.24	V
	11388	-59.94	-13	-46.94	-69.49	3.46	13.01	V
	15180	-58.73	-13	-45.73	-68.29	3.88	13.44	V

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

SA n78 / NR 100MHz / QPSK DFT-s-OFDM / Ant7								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7416	-64.25	-13	-51.25	-74.73	2.76	13.24	H
	11112	-62.78	-13	-49.78	-72.37	3.42	13.01	H
	14820	-58.16	-13	-45.16	-67.77	3.83	13.44	H
	7416	-64.28	-13	-51.28	-74.72	2.80	13.24	V
	11112	-63.26	-13	-50.26	-72.81	3.46	13.01	V
	14820	-58.14	-13	-45.14	-67.70	3.88	13.44	V

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

EN-DC_41A_n77 / LTE 20MHz + NR 100MHz / QPSK / ANT0 (LTE) & ANT2(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7590	-61.29	-13	-48.29	-71.77	2.76	13.24	H
	11388	-60.46	-13	-47.46	-70.05	3.42	13.01	H
	15180	-58.60	-13	-45.60	-68.21	3.83	13.44	H
	7590	-60.76	-13	-47.76	-71.20	2.80	13.24	V
	11388	-60.47	-13	-47.47	-70.02	3.46	13.01	V
	15180	-58.75	-13	-45.75	-68.31	3.88	13.44	V

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

EN-DC_41A_n78 / LTE 20MHz + NR 100MHz / QPSK / ANT0 (LTE) & ANT2(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7410	-63.80	-13	-50.80	-74.28	2.76	13.24	H
	11106	-60.10	-13	-47.10	-69.69	3.42	13.01	H
	14820	-60.30	-13	-47.30	-69.91	3.83	13.44	H
	7410	-63.68	-13	-50.68	-74.12	2.80	13.24	V
	11106	-60.60	-13	-47.60	-70.15	3.46	13.01	V
	14820	-60.54	-13	-47.54	-70.10	3.88	13.44	V

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