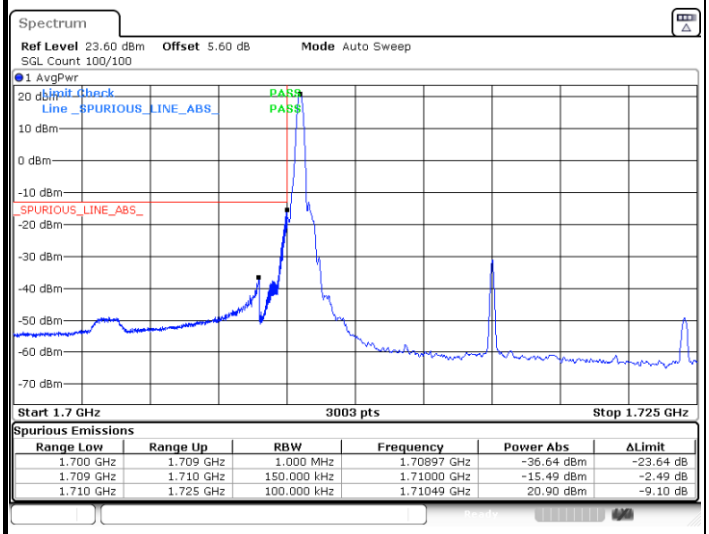
FR1 n66 / 15MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

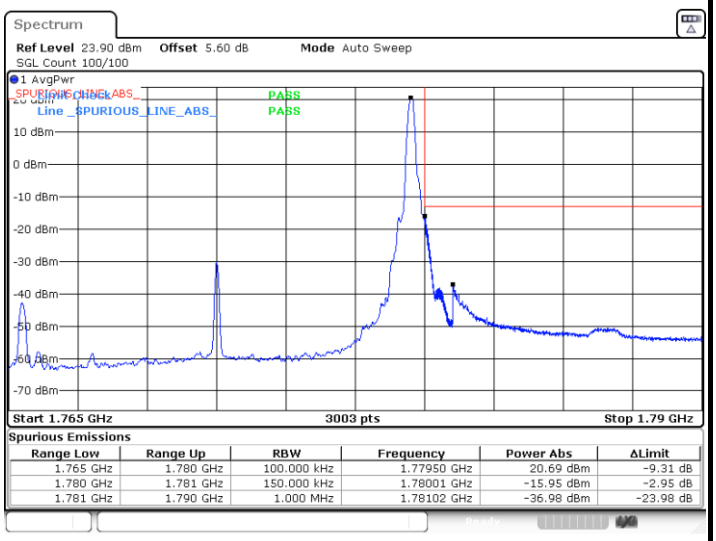


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-36.64 dBm	-23.64 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.71000 GHz	-15.49 dBm	-2.49 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71049 GHz	20.90 dBm	-9.10 dB

Date: 26.NOV.2021 04:23:56

Highest Band Edge / 1RBMAX

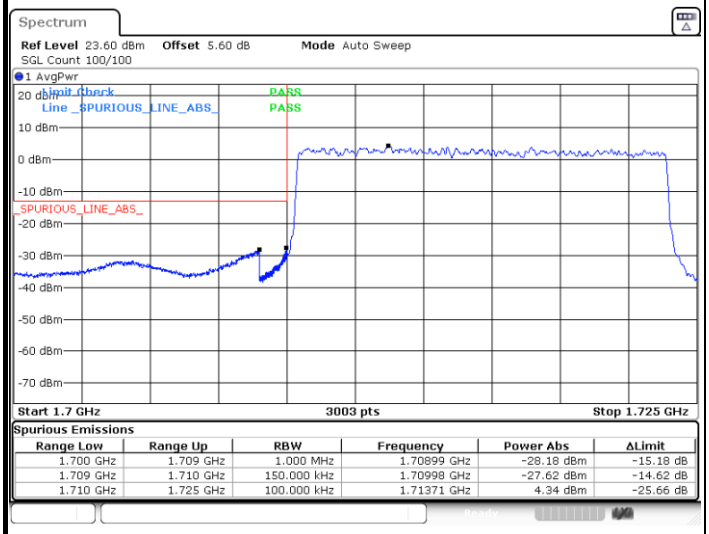


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.77950 GHz	20.69 dBm	-9.31 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78001 GHz	-15.95 dBm	-2.95 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78102 GHz	-36.98 dBm	-23.98 dB

Date: 26.NOV.2021 04:35:44

Lowest Band Edge / Full RB

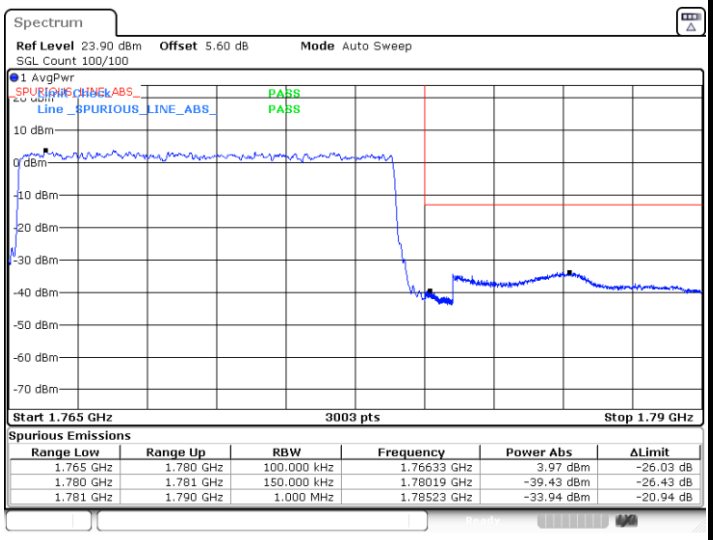


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-28.18 dBm	-15.18 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70998 GHz	-27.62 dBm	-14.62 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71371 GHz	4.34 dBm	-25.66 dB

Date: 26.NOV.2021 04:30:51

Highest Band Edge / Full RB



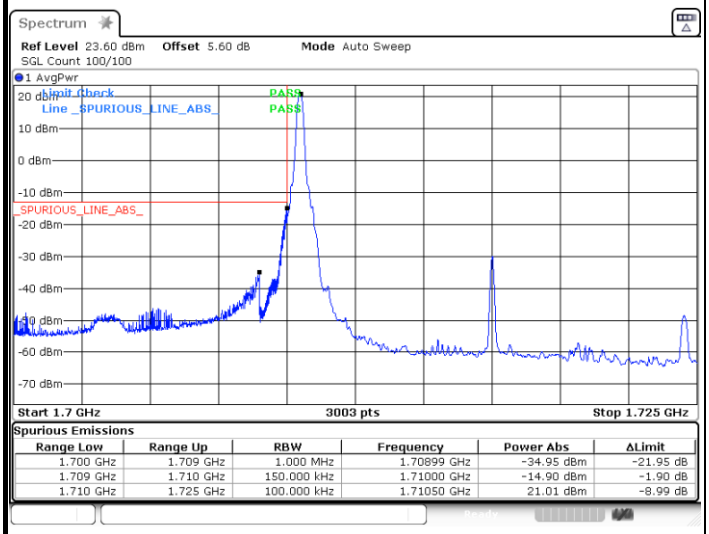
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.76633 GHz	3.97 dBm	-26.03 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78019 GHz	-39.43 dBm	-26.43 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78523 GHz	-33.94 dBm	-20.94 dB

Date: 26.NOV.2021 04:40:01

FR1 n66 / 15MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

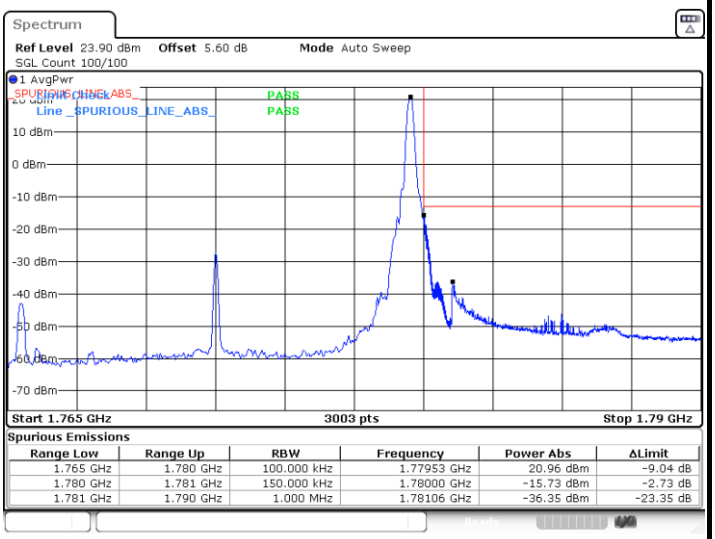


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-34.95 dBm	-21.95 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.71000 GHz	-14.90 dBm	-1.90 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71050 GHz	21.01 dBm	-8.99 dB

Date: 26.NOV.2021 04:24:18

Highest Band Edge / 1RBMAX

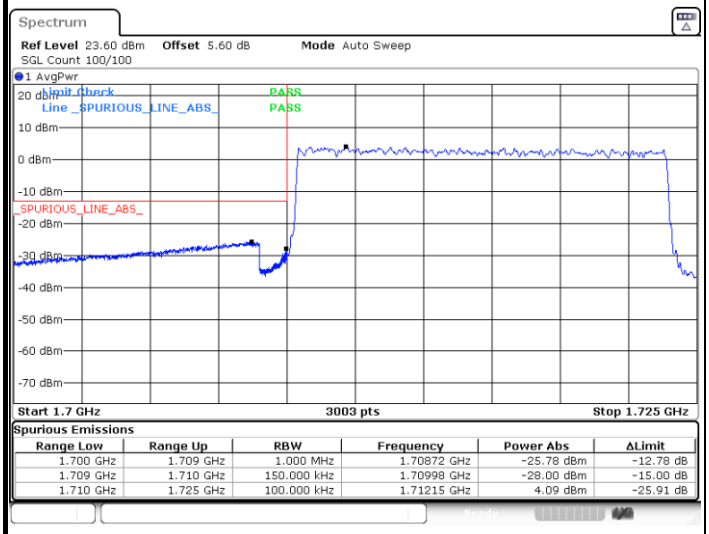


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.77953 GHz	20.96 dBm	-9.04 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78000 GHz	-15.73 dBm	-2.73 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78106 GHz	-36.35 dBm	-23.35 dB

Date: 26.NOV.2021 04:36:09

Lowest Band Edge / Full RB

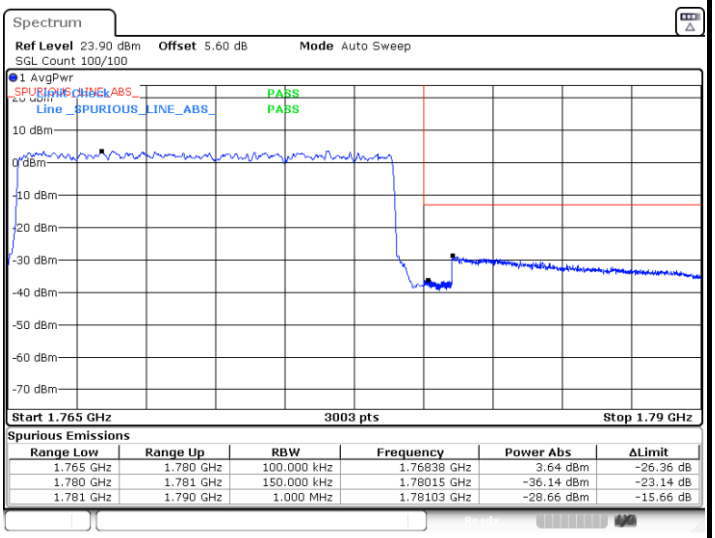


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70872 GHz	-25.78 dBm	-12.78 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70998 GHz	-28.00 dBm	-15.00 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71215 GHz	4.09 dBm	-25.91 dB

Date: 26.NOV.2021 04:29:50

Highest Band Edge / Full RB



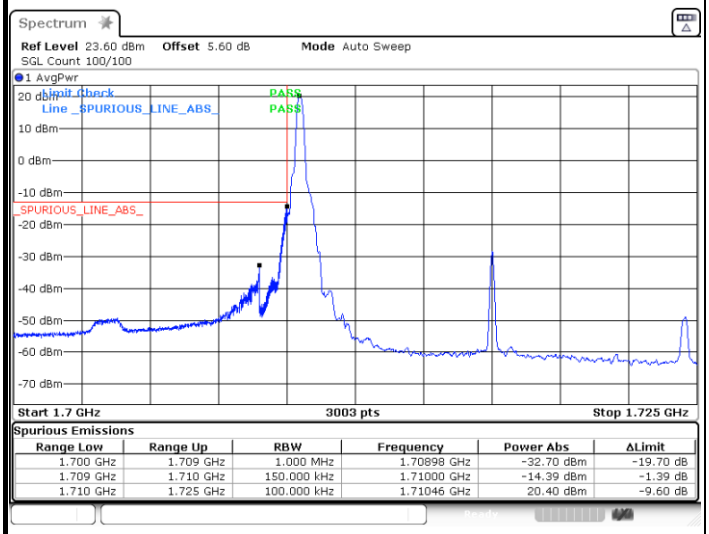
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.76838 GHz	3.64 dBm	-26.36 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78015 GHz	-36.14 dBm	-23.14 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78103 GHz	-28.66 dBm	-15.66 dB

Date: 26.NOV.2021 04:39:11

FR1 n66 / 15MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

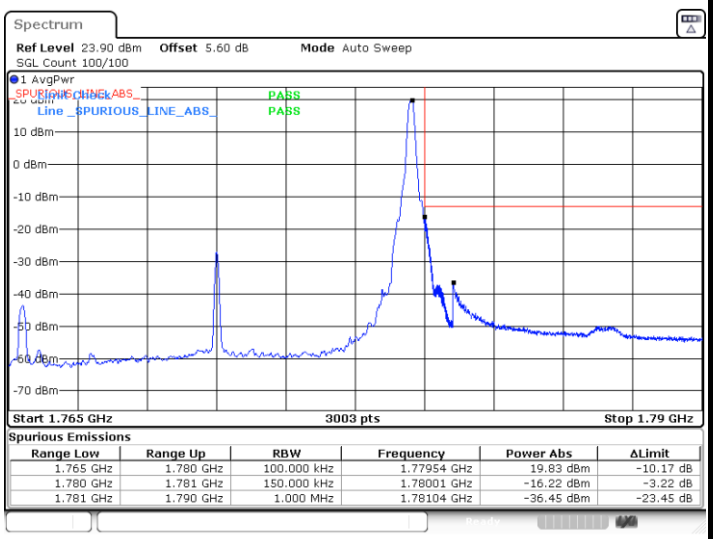


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70898 GHz	-32.70 dBm	-19.70 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.71000 GHz	-14.39 dBm	-1.39 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71046 GHz	20.40 dBm	-9.60 dB

Date: 26.NOV.2021 04:25:26

Highest Band Edge / 1RBMAX

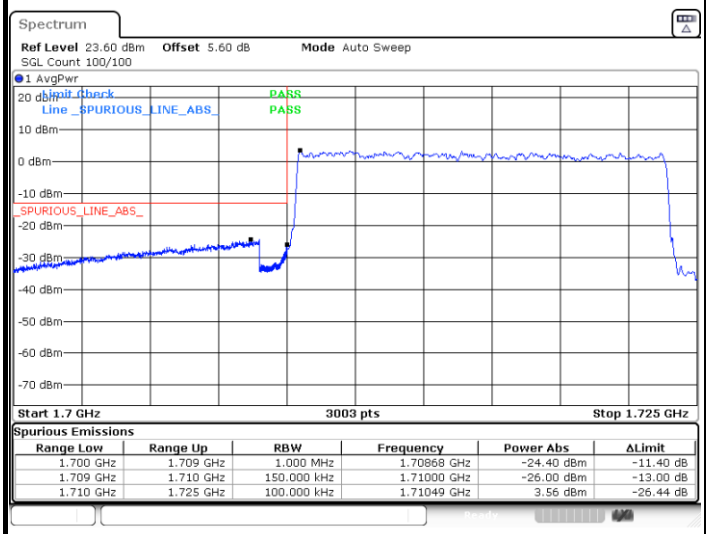


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.77954 GHz	19.83 dBm	-10.17 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78001 GHz	-16.22 dBm	-3.22 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78104 GHz	-36.45 dBm	-23.45 dB

Date: 26.NOV.2021 04:36:23

Lowest Band Edge / Full RB

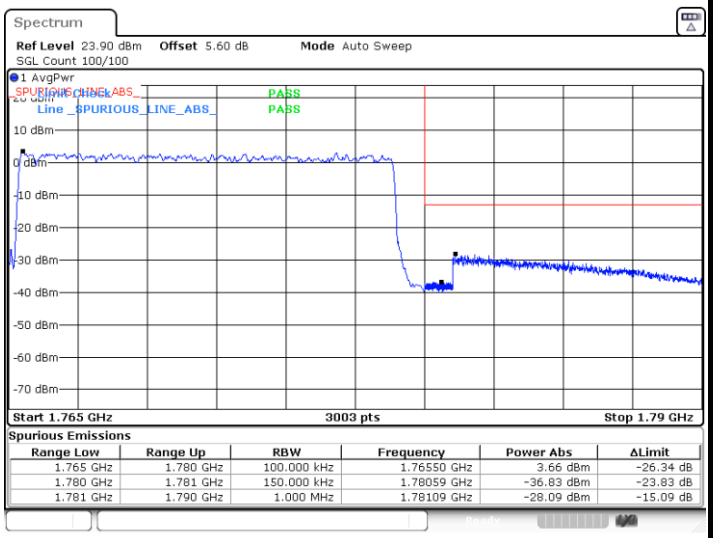


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70868 GHz	-24.40 dBm	-11.40 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.71000 GHz	-26.00 dBm	-13.00 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71049 GHz	3.56 dBm	-26.44 dB

Date: 26.NOV.2021 04:29:35

Highest Band Edge / Full RB



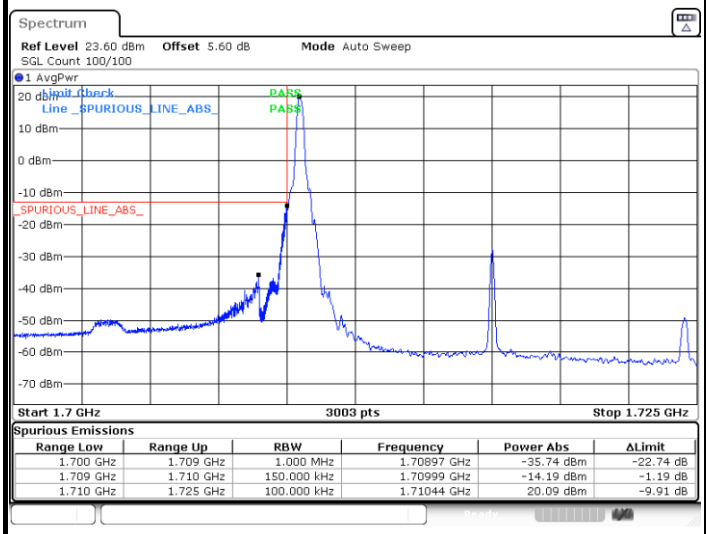
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.76550 GHz	3.66 dBm	-26.34 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78059 GHz	-36.83 dBm	-23.83 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78109 GHz	-28.09 dBm	-15.09 dB

Date: 26.NOV.2021 04:38:57

FR1 n66 / 15MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

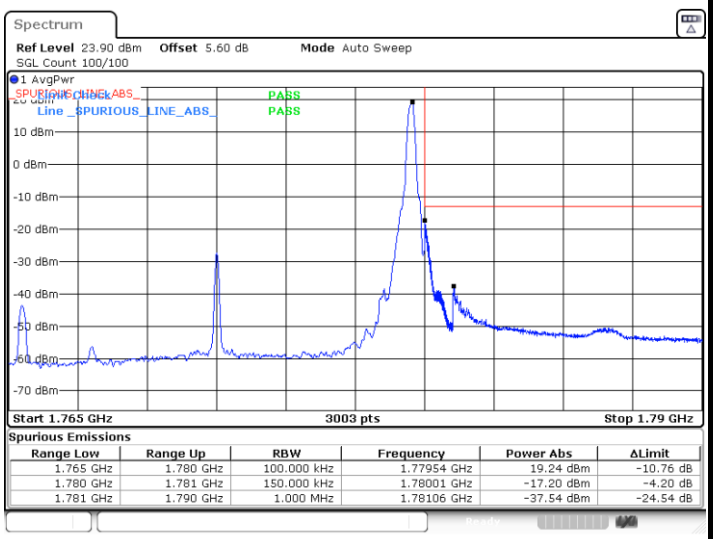


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-35.74 dBm	-22.74 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70999 GHz	-14.19 dBm	-1.19 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71044 GHz	20.09 dBm	-9.91 dB

Date: 26.NOV.2021 04:25:39

Highest Band Edge / 1RBMAX

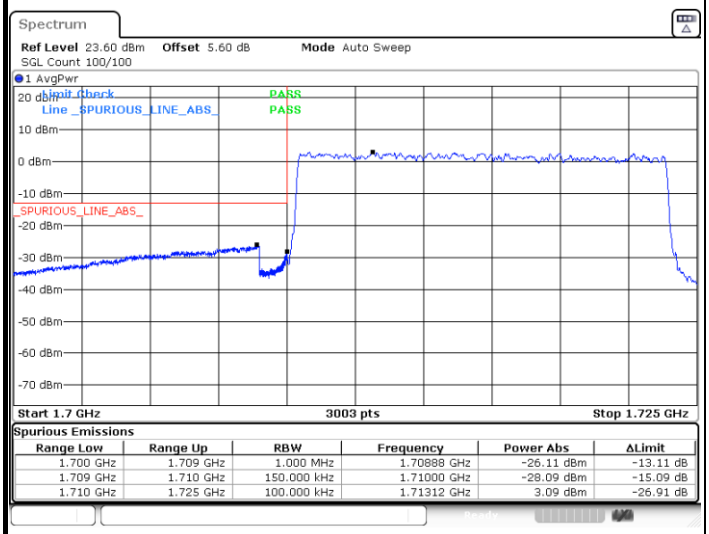


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.77954 GHz	19.24 dBm	-10.76 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78001 GHz	-17.20 dBm	-4.20 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78106 GHz	-37.54 dBm	-24.54 dB

Date: 26.NOV.2021 04:36:38

Lowest Band Edge / Full RB

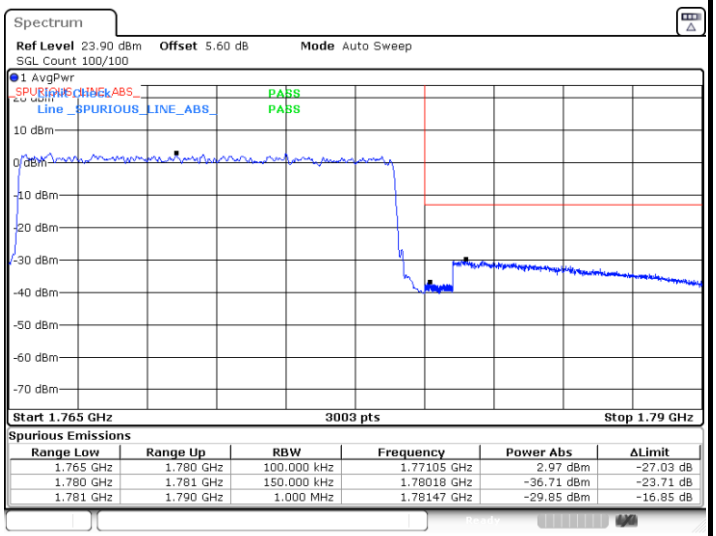


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70888 GHz	-26.11 dBm	-13.11 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.71000 GHz	-28.09 dBm	-15.09 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71312 GHz	3.09 dBm	-26.91 dB

Date: 26.NOV.2021 04:29:12

Highest Band Edge / Full RB



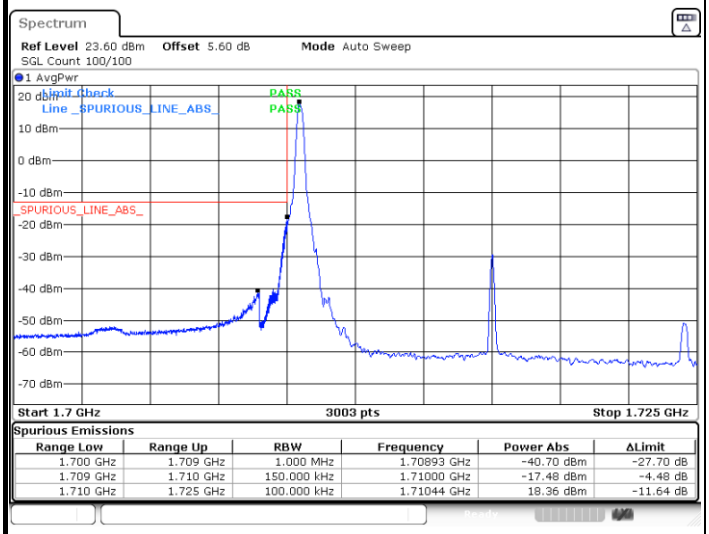
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.77105 GHz	2.97 dBm	-27.03 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78018 GHz	-36.71 dBm	-23.71 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78147 GHz	-29.85 dBm	-16.85 dB

Date: 26.NOV.2021 04:38:42

FR1 n66 / 15MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

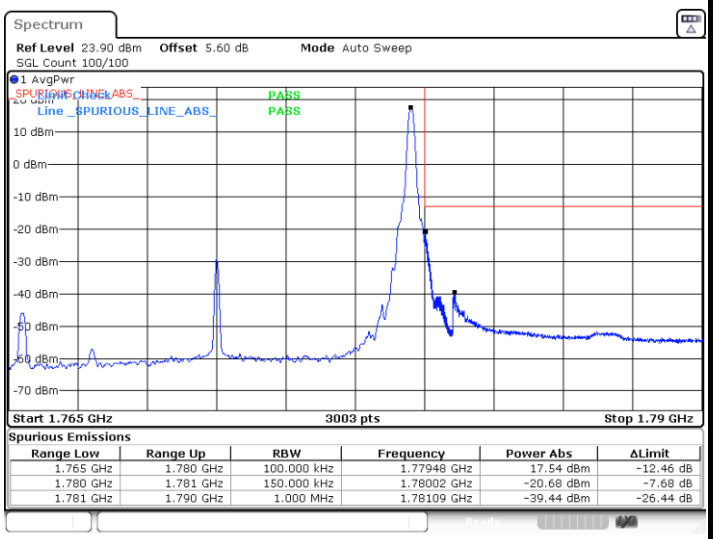


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70893 GHz	-40.70 dBm	-27.70 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.71000 GHz	-17.48 dBm	-4.48 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71044 GHz	18.36 dBm	-11.64 dB

Date: 26.NOV.2021 04:28:37

Highest Band Edge / 1RBMAX

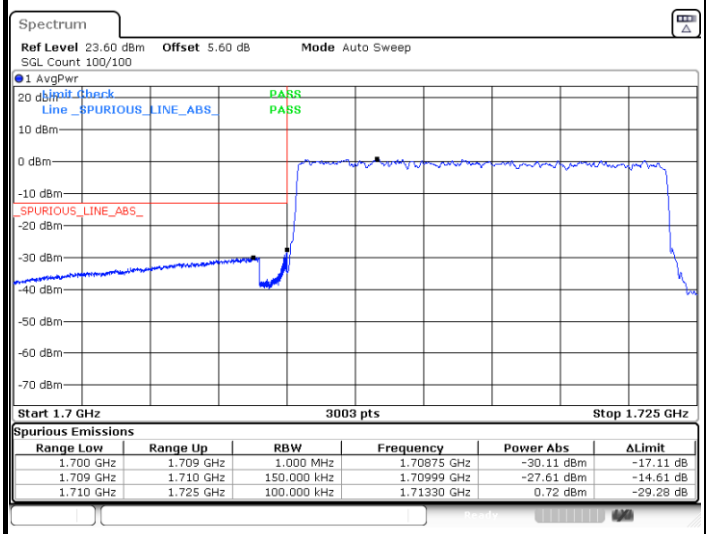


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.77948 GHz	17.54 dBm	-12.46 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78002 GHz	-20.68 dBm	-7.68 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78109 GHz	-39.44 dBm	-26.44 dB

Date: 26.NOV.2021 04:37:42

Lowest Band Edge / Full RB

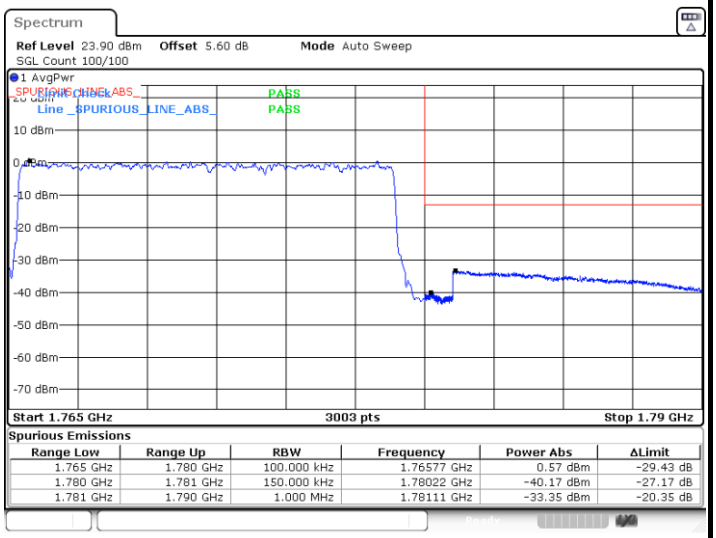


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70875 GHz	-30.11 dBm	-17.11 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70999 GHz	-27.61 dBm	-14.61 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71330 GHz	0.72 dBm	-29.28 dB

Date: 26.NOV.2021 04:28:53

Highest Band Edge / Full RB



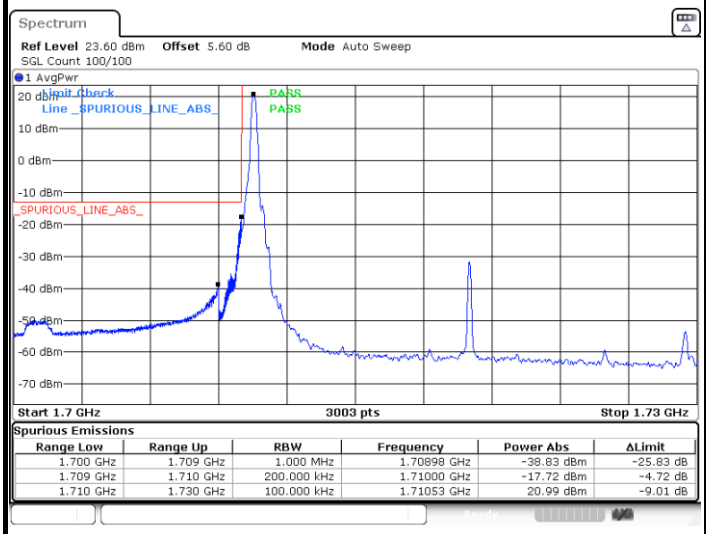
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.76577 GHz	0.57 dBm	-29.43 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78022 GHz	-40.17 dBm	-27.17 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78111 GHz	-33.35 dBm	-20.35 dB

Date: 26.NOV.2021 04:38:17

FR1 n66 / 20MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

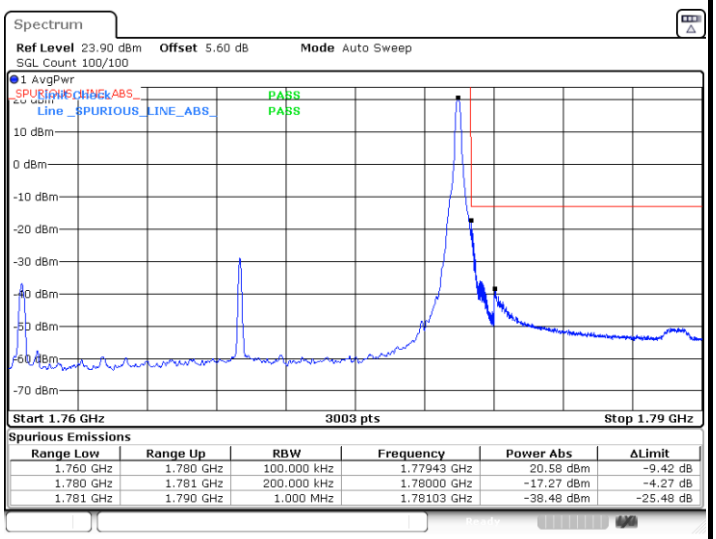


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70898 GHz	-38.83 dBm	-25.83 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-17.72 dBm	-4.72 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71053 GHz	20.99 dBm	-9.01 dB

Date: 26.NOV.2021 04:42:28

Highest Band Edge / 1RBMAX

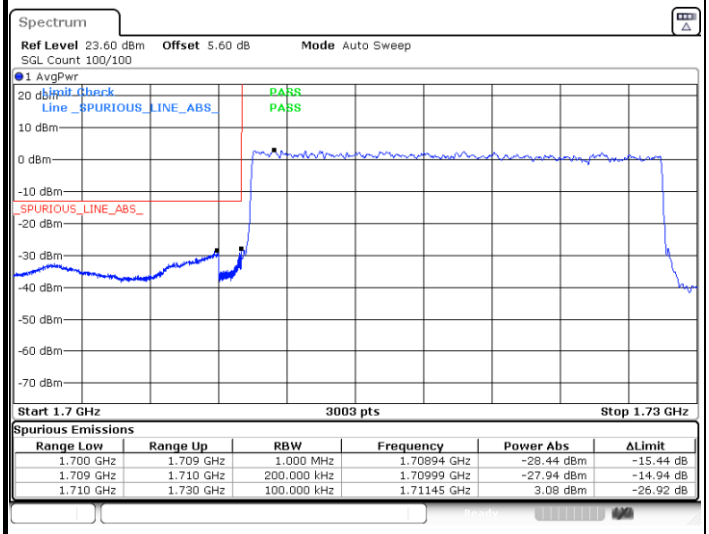


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77943 GHz	20.58 dBm	-9.42 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78000 GHz	-17.27 dBm	-4.27 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78103 GHz	-38.48 dBm	-25.48 dB

Date: 26.NOV.2021 04:52:30

Lowest Band Edge / Full RB

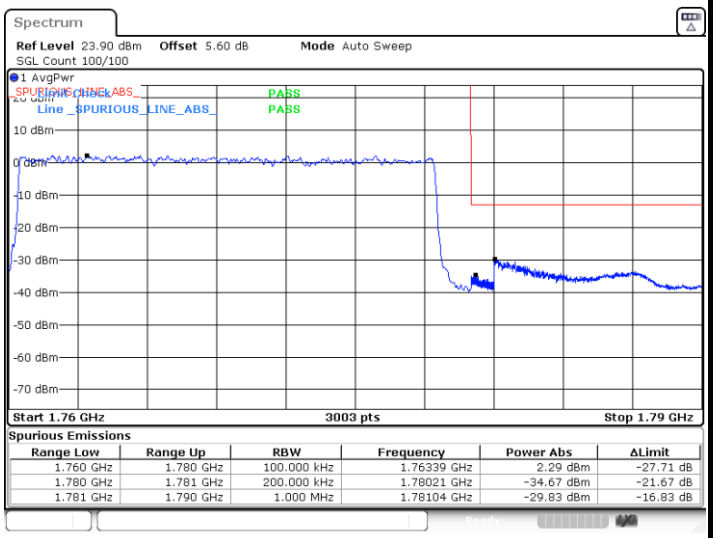


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70894 GHz	-28.44 dBm	-15.44 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-27.94 dBm	-14.94 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71145 GHz	3.08 dBm	-26.92 dB

Date: 26.NOV.2021 04:47:57

Highest Band Edge / Full RB



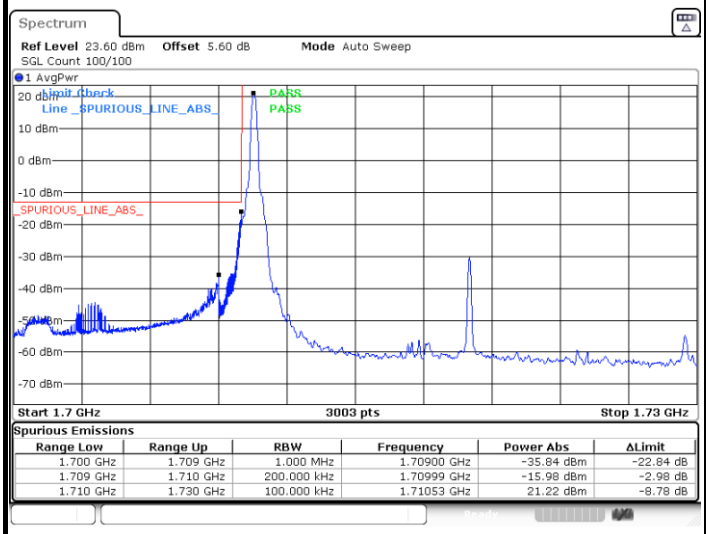
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.76339 GHz	2.29 dBm	-27.71 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78021 GHz	-34.67 dBm	-21.67 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78104 GHz	-29.83 dBm	-16.83 dB

Date: 26.NOV.2021 04:56:43

FR1 n66 / 20MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

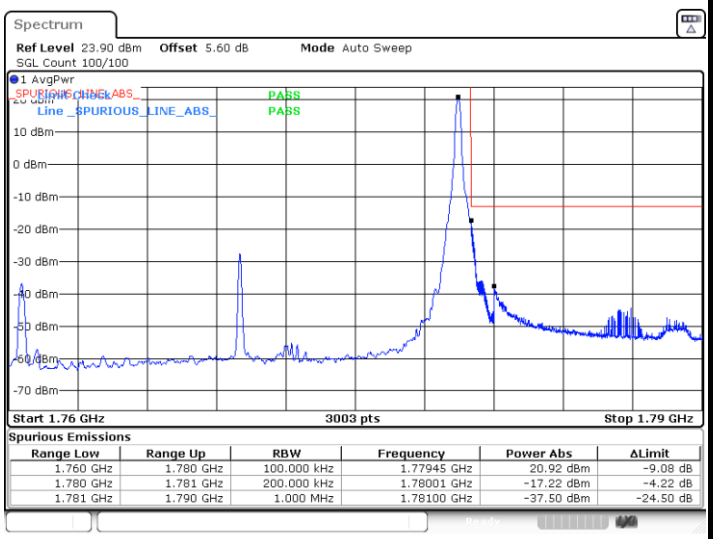


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-35.84 dBm	-22.84 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-15.98 dBm	-2.98 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71053 GHz	21.22 dBm	-8.78 dB

Date: 26.NOV.2021 04:43:06

Highest Band Edge / 1RBMAX

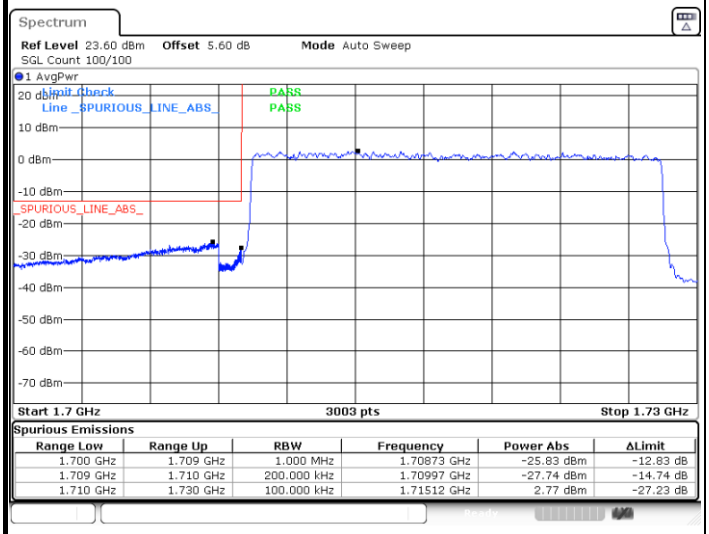


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77945 GHz	20.92 dBm	-9.08 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78001 GHz	-17.22 dBm	-4.22 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78100 GHz	-37.50 dBm	-24.50 dB

Date: 26.NOV.2021 04:52:44

Lowest Band Edge / Full RB

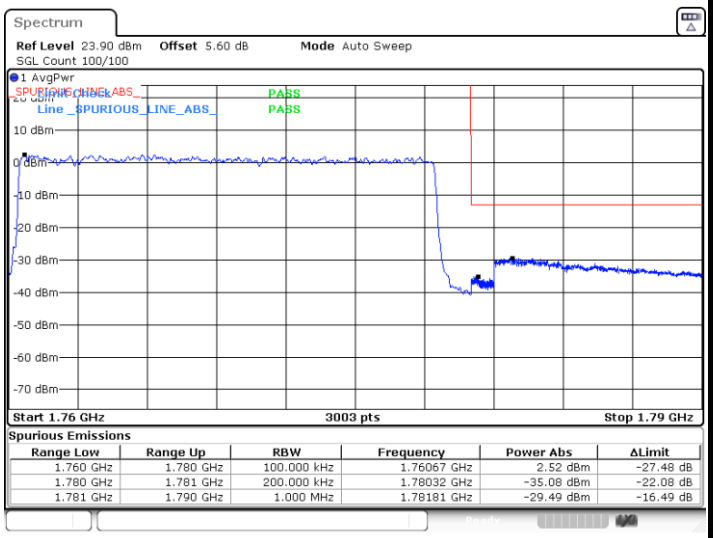


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70873 GHz	-25.83 dBm	-12.83 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70997 GHz	-27.74 dBm	-14.74 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71512 GHz	2.77 dBm	-27.23 dB

Date: 26.NOV.2021 04:47:00

Highest Band Edge / Full RB



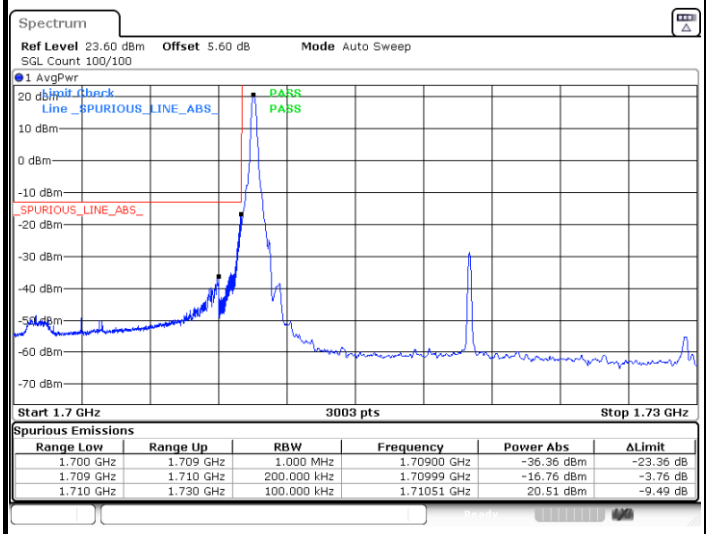
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.76067 GHz	2.52 dBm	-27.48 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78032 GHz	-35.08 dBm	-22.08 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78181 GHz	-29.49 dBm	-16.49 dB

Date: 26.NOV.2021 04:55:44

FR1 n66 / 20MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

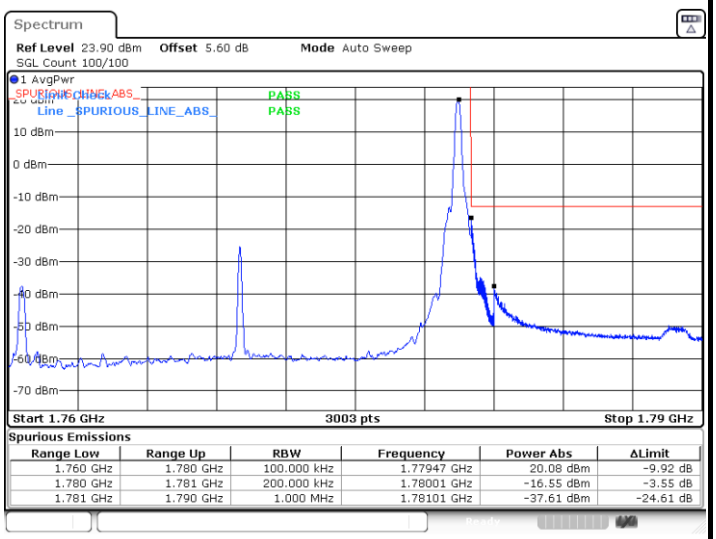


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-36.36 dBm	-23.36 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-16.76 dBm	-3.76 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71051 GHz	20.51 dBm	-9.49 dB

Date: 26.NOV.2021 04:44:06

Highest Band Edge / 1RBMAX

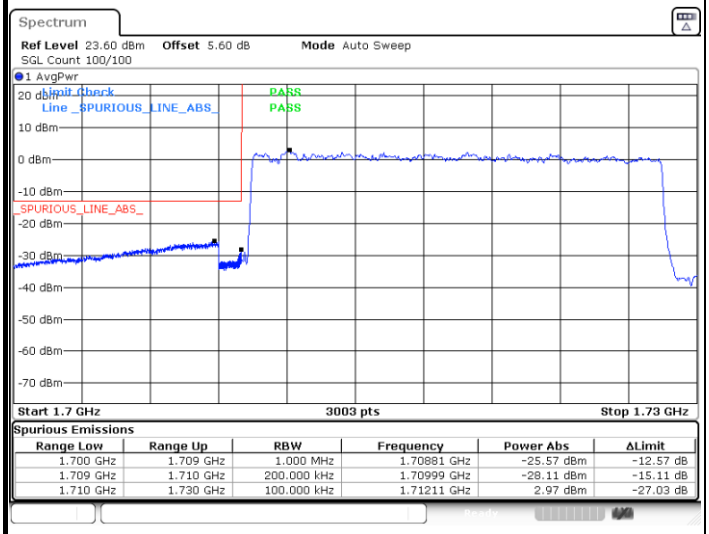


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77947 GHz	20.08 dBm	-9.92 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78001 GHz	-16.55 dBm	-3.55 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78101 GHz	-37.61 dBm	-24.61 dB

Date: 26.NOV.2021 04:52:57

Lowest Band Edge / Full RB

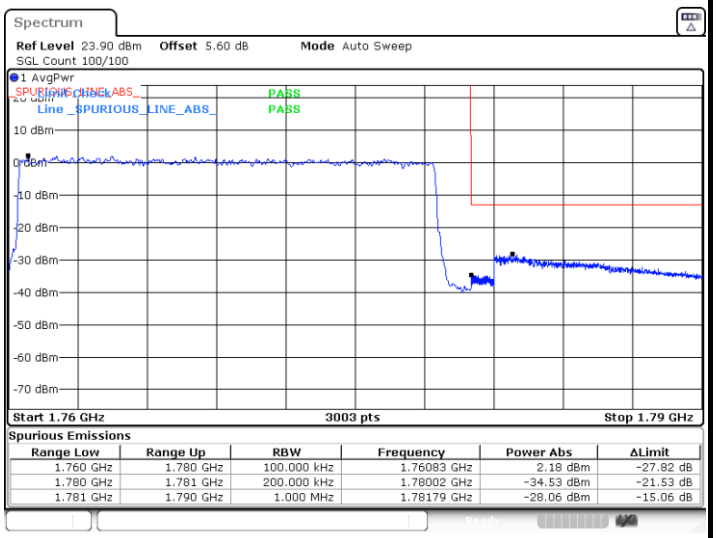


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70881 GHz	-25.57 dBm	-12.57 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-28.11 dBm	-15.11 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71211 GHz	2.97 dBm	-27.03 dB

Date: 26.NOV.2021 04:46:45

Highest Band Edge / Full RB



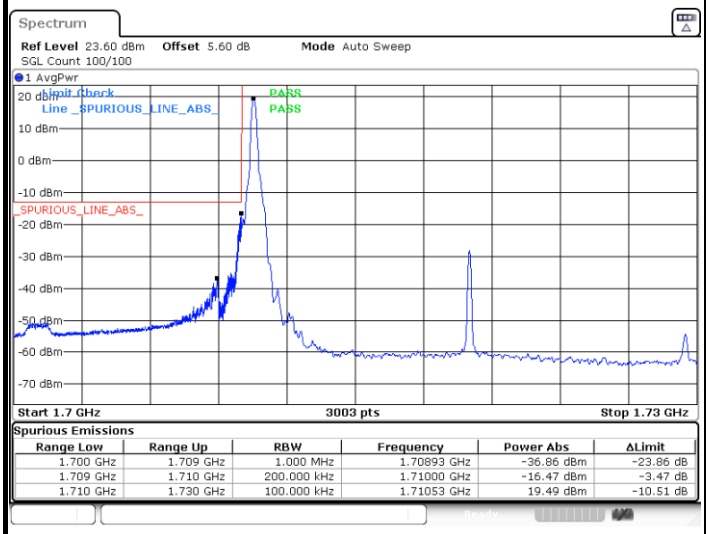
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.76083 GHz	2.18 dBm	-27.82 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78002 GHz	-34.53 dBm	-21.53 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78179 GHz	-28.06 dBm	-15.06 dB

Date: 26.NOV.2021 04:55:27

FR1 n66 / 20MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

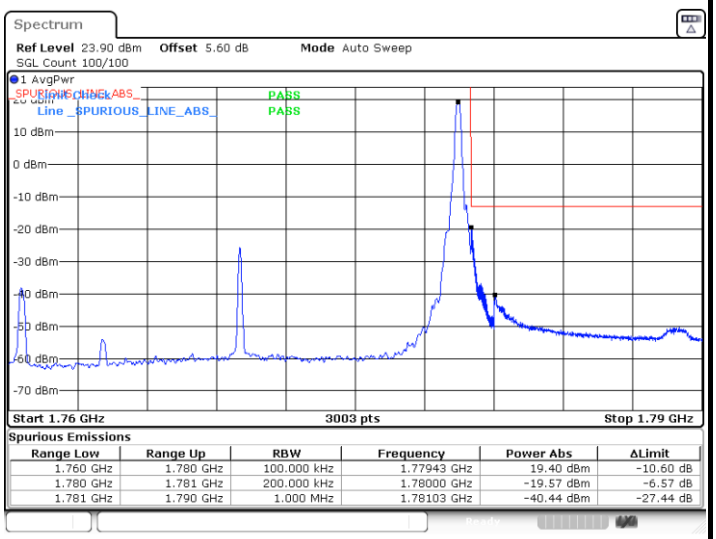


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70893 GHz	-36.86 dBm	-23.86 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-16.47 dBm	-3.47 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71053 GHz	19.49 dBm	-10.51 dB

Date: 26.NOV.2021 04:44:23

Highest Band Edge / 1RBMAX

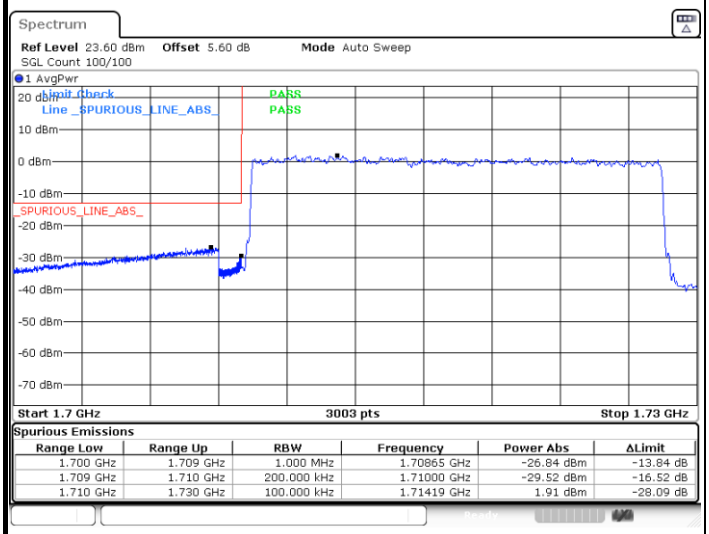


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77943 GHz	19.40 dBm	-10.60 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78000 GHz	-19.57 dBm	-6.57 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78103 GHz	-40.44 dBm	-27.44 dB

Date: 26.NOV.2021 04:53:14

Lowest Band Edge / Full RB

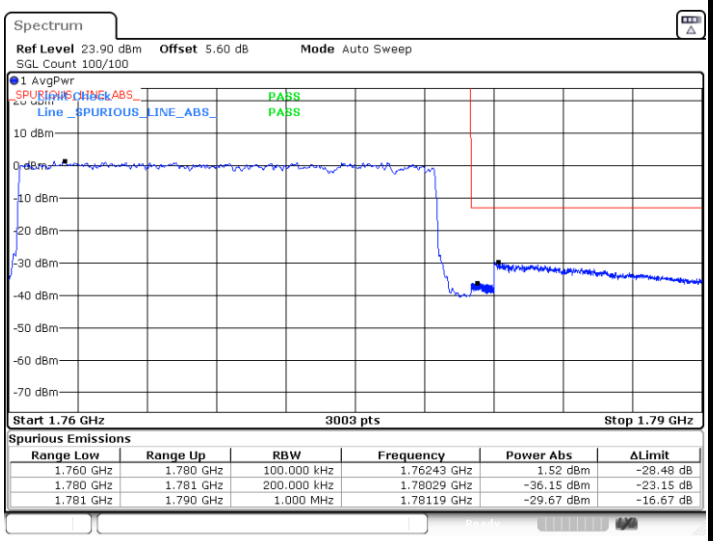


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70865 GHz	-26.84 dBm	-13.84 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-29.52 dBm	-16.52 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71419 GHz	1.91 dBm	-28.09 dB

Date: 26.NOV.2021 04:46:26

Highest Band Edge / Full RB



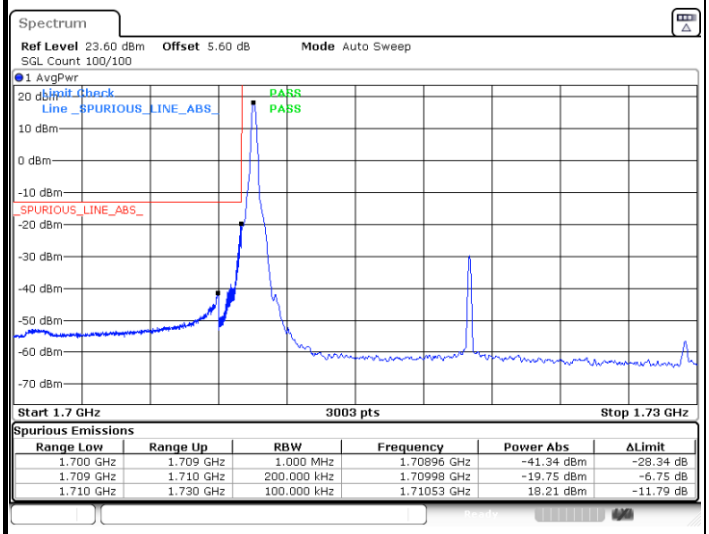
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.76243 GHz	1.52 dBm	-28.48 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78029 GHz	-36.15 dBm	-23.15 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78119 GHz	-29.67 dBm	-16.67 dB

Date: 26.NOV.2021 04:55:14

FR1 n66 / 20MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

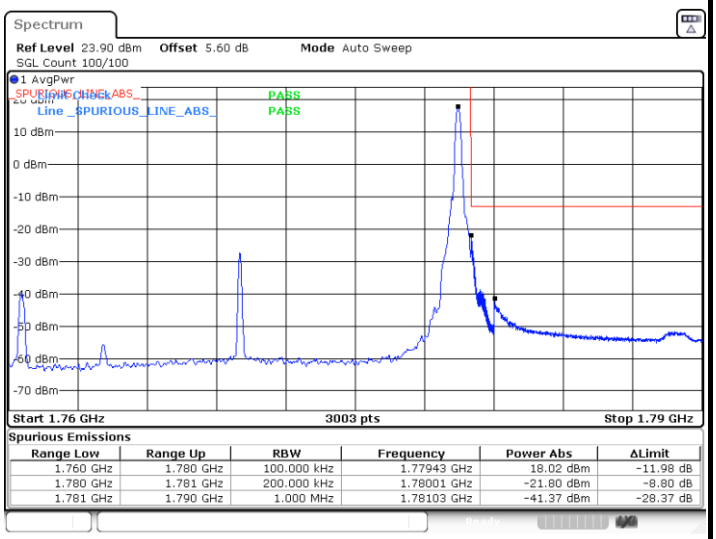


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70896 GHz	-41.34 dBm	-28.34 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70998 GHz	-19.75 dBm	-6.75 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71053 GHz	18.21 dBm	-11.79 dB

Date: 26.NOV.2021 04:45:49

Highest Band Edge / 1RBMAX

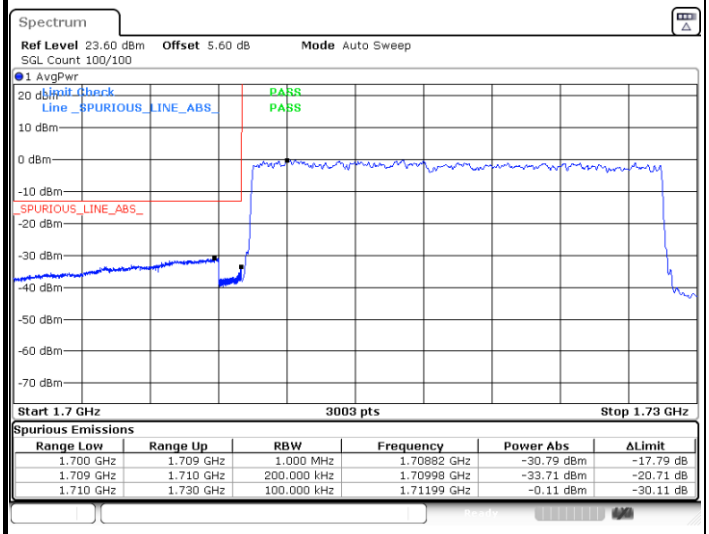


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77943 GHz	18.02 dBm	-11.98 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78001 GHz	-21.80 dBm	-8.80 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78103 GHz	-41.37 dBm	-28.37 dB

Date: 26.NOV.2021 04:54:42

Lowest Band Edge / Full RB

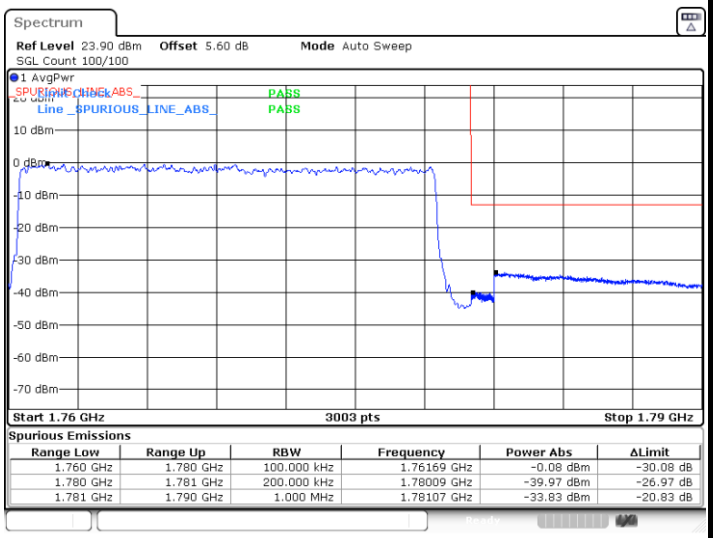


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70882 GHz	-30.79 dBm	-17.79 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70998 GHz	-33.71 dBm	-20.71 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71199 GHz	-0.11 dBm	-30.11 dB

Date: 26.NOV.2021 04:46:09

Highest Band Edge / Full RB



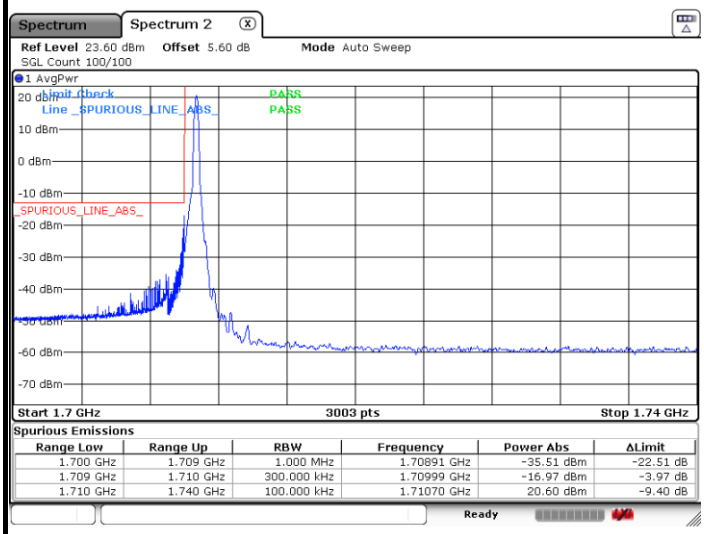
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.76169 GHz	-0.08 dBm	-30.08 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78009 GHz	-39.97 dBm	-26.97 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78107 GHz	-33.83 dBm	-20.83 dB

Date: 26.NOV.2021 04:54:59

FR1 n66 / 30MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

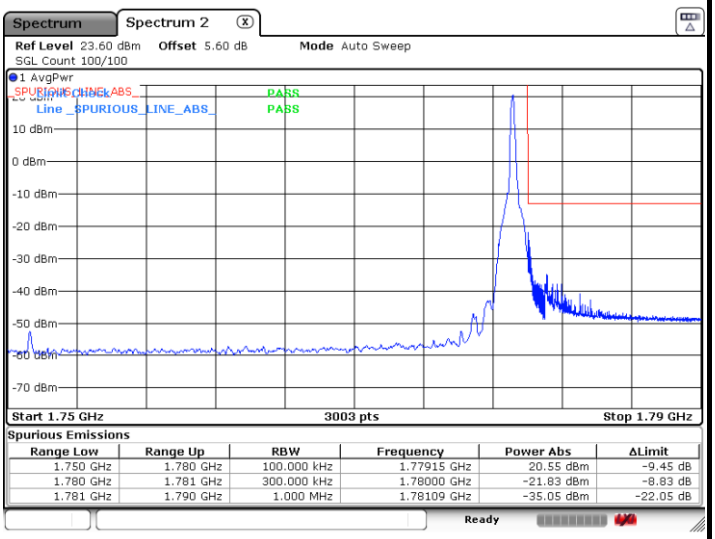


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-35.51 dBm	-22.51 dB
1.709 GHz	1.710 GHz	300.000 kHz	1.70999 GHz	-16.97 dBm	-3.97 dB
1.710 GHz	1.740 GHz	100.000 kHz	1.71070 GHz	20.60 dBm	-9.40 dB

Date: 26.NOV.2021 09:33:05

Highest Band Edge / 1RBMAX

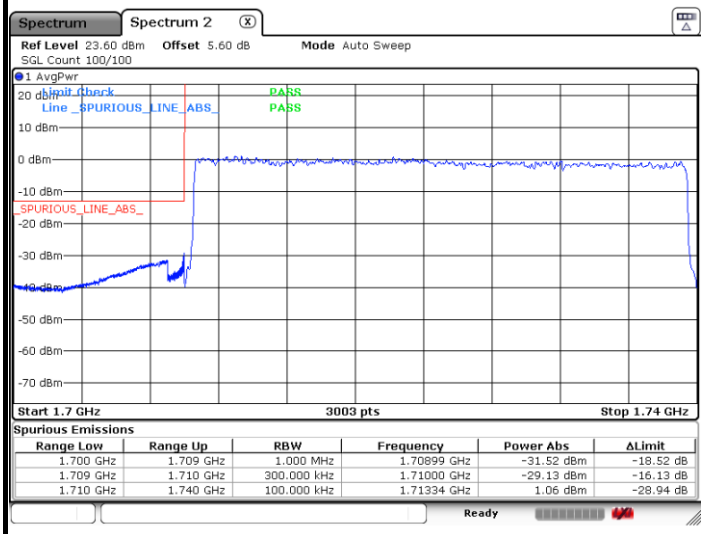


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.780 GHz	100.000 kHz	1.77915 GHz	20.55 dBm	-9.45 dB
1.780 GHz	1.781 GHz	300.000 kHz	1.78000 GHz	-21.83 dBm	-8.83 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78109 GHz	-35.05 dBm	-22.05 dB

Date: 26.NOV.2021 09:58:12

Lowest Band Edge / Full RB

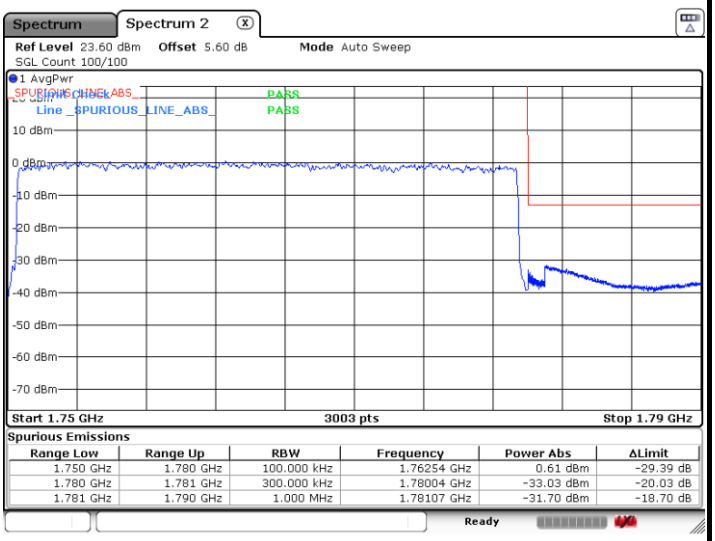


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-31.52 dBm	-18.52 dB
1.709 GHz	1.710 GHz	300.000 kHz	1.71000 GHz	-29.13 dBm	-16.13 dB
1.710 GHz	1.740 GHz	100.000 kHz	1.71334 GHz	1.06 dBm	-28.94 dB

Date: 26.NOV.2021 09:33:38

Highest Band Edge / Full RB



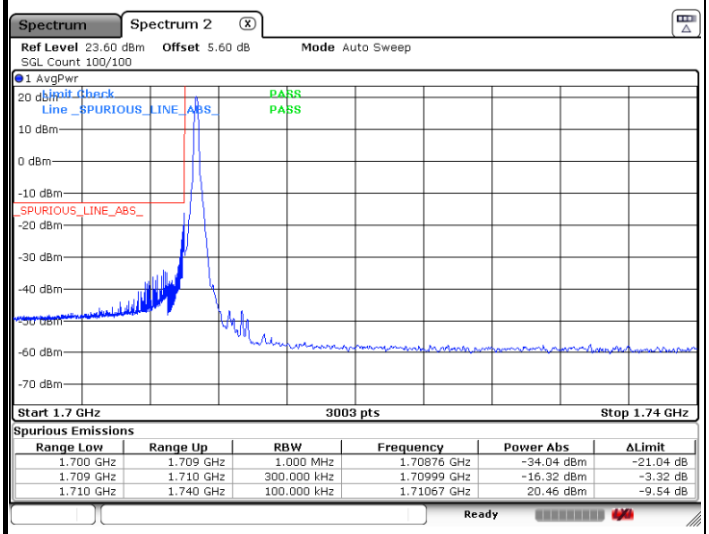
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.780 GHz	100.000 kHz	1.76254 GHz	0.61 dBm	-29.39 dB
1.780 GHz	1.781 GHz	300.000 kHz	1.78004 GHz	-33.03 dBm	-20.03 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78107 GHz	-31.70 dBm	-18.70 dB

Date: 26.NOV.2021 09:57:04

FR1 n66 / 30MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

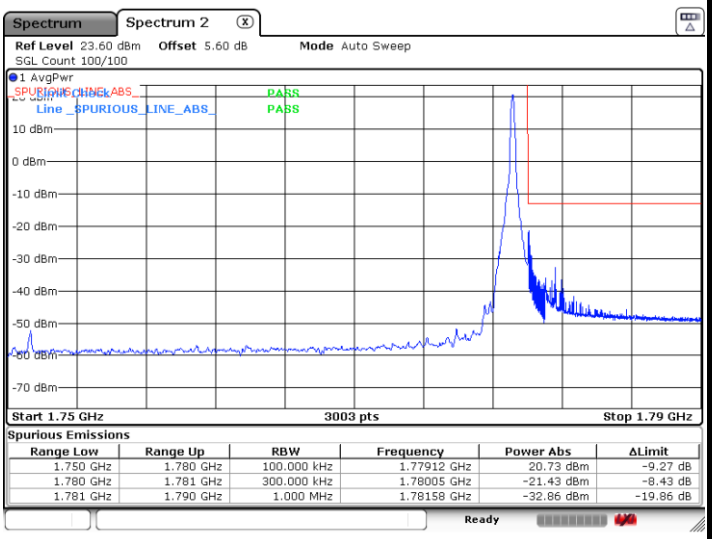


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70876 GHz	-34.04 dBm	-21.04 dB
1.709 GHz	1.710 GHz	300.000 kHz	1.70999 GHz	-16.32 dBm	-3.32 dB
1.710 GHz	1.740 GHz	100.000 kHz	1.71067 GHz	20.46 dBm	-9.54 dB

Date: 26.NOV.2021 09:32:11

Highest Band Edge / 1RBMAX

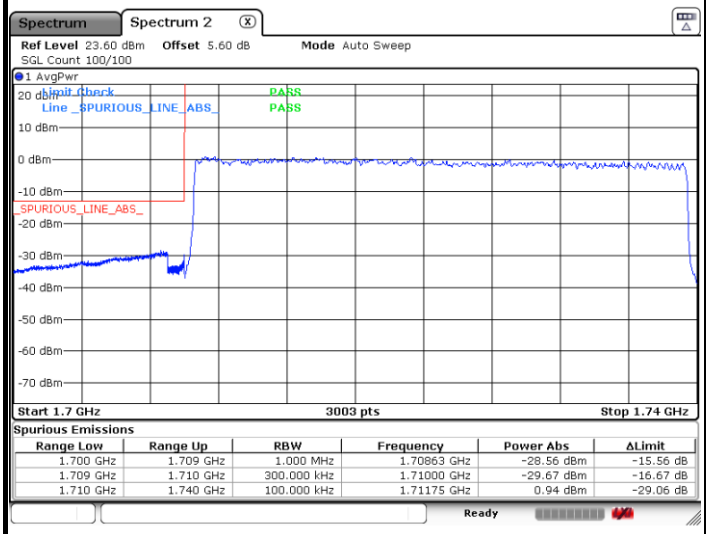


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.780 GHz	100.000 kHz	1.77912 GHz	20.73 dBm	-9.27 dB
1.780 GHz	1.781 GHz	300.000 kHz	1.78005 GHz	-21.43 dBm	-8.43 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78158 GHz	-32.86 dBm	-19.86 dB

Date: 26.NOV.2021 10:01:19

Lowest Band Edge / Full RB

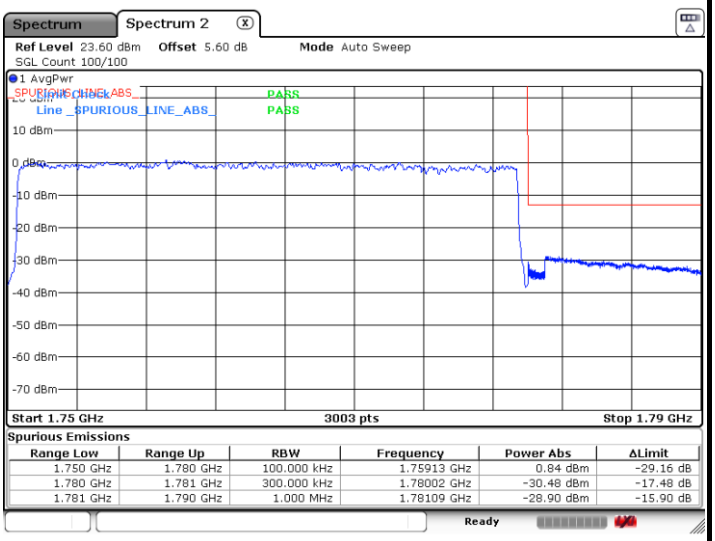


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70863 GHz	-28.56 dBm	-15.56 dB
1.709 GHz	1.710 GHz	300.000 kHz	1.71000 GHz	-29.67 dBm	-16.67 dB
1.710 GHz	1.740 GHz	100.000 kHz	1.71175 GHz	0.94 dBm	-29.06 dB

Date: 26.NOV.2021 09:29:04

Highest Band Edge / Full RB



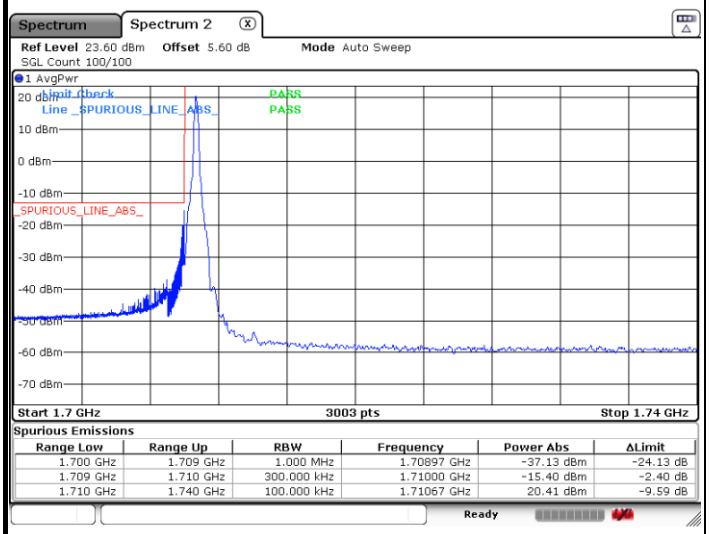
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.780 GHz	100.000 kHz	1.75913 GHz	0.84 dBm	-29.16 dB
1.780 GHz	1.781 GHz	300.000 kHz	1.78002 GHz	-30.48 dBm	-17.48 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78109 GHz	-28.90 dBm	-15.90 dB

Date: 26.NOV.2021 09:55:44

FR1 n66 / 30MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

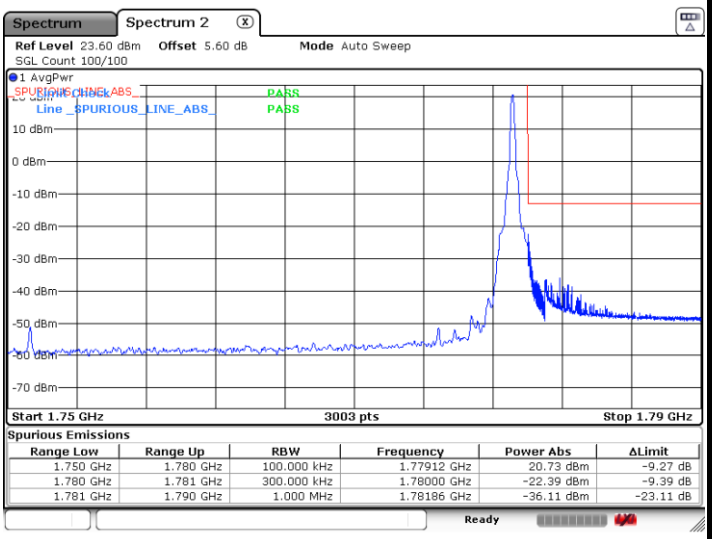


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-37.13 dBm	-24.13 dB
1.709 GHz	1.710 GHz	300.000 kHz	1.71000 GHz	-15.40 dBm	-2.40 dB
1.710 GHz	1.740 GHz	100.000 kHz	1.71067 GHz	20.41 dBm	-9.59 dB

Date: 26.NOV.2021 09:31:44

Highest Band Edge / 1RBMAX

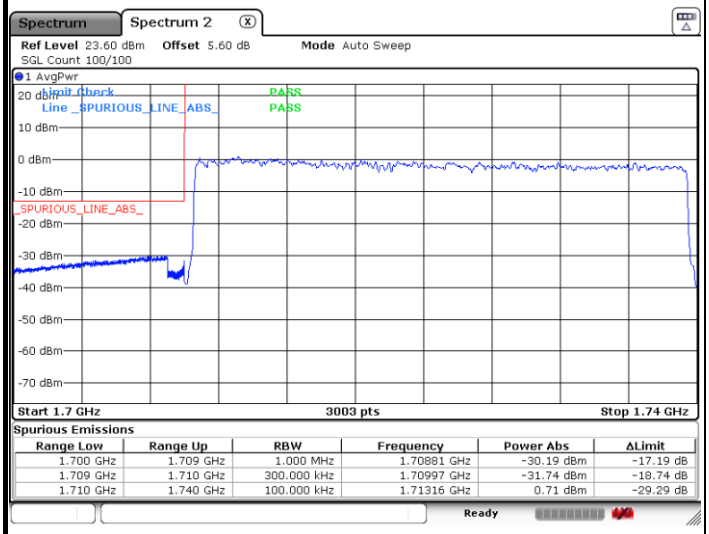


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.780 GHz	100.000 kHz	1.77912 GHz	20.73 dBm	-9.27 dB
1.780 GHz	1.781 GHz	300.000 kHz	1.78000 GHz	-22.39 dBm	-9.39 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78186 GHz	-36.11 dBm	-23.11 dB

Date: 26.NOV.2021 10:01:57

Lowest Band Edge / Full RB

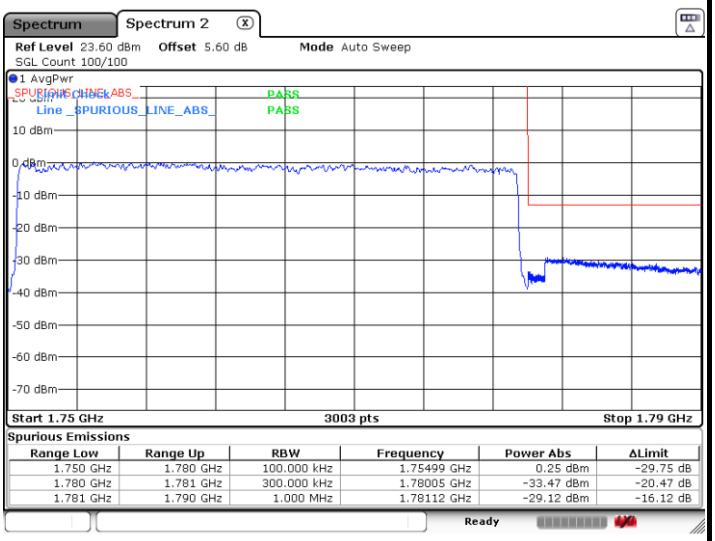


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70881 GHz	-30.19 dBm	-17.19 dB
1.709 GHz	1.710 GHz	300.000 kHz	1.70997 GHz	-31.74 dBm	-18.74 dB
1.710 GHz	1.740 GHz	100.000 kHz	1.71316 GHz	0.71 dBm	-29.29 dB

Date: 26.NOV.2021 09:29:35

Highest Band Edge / Full RB



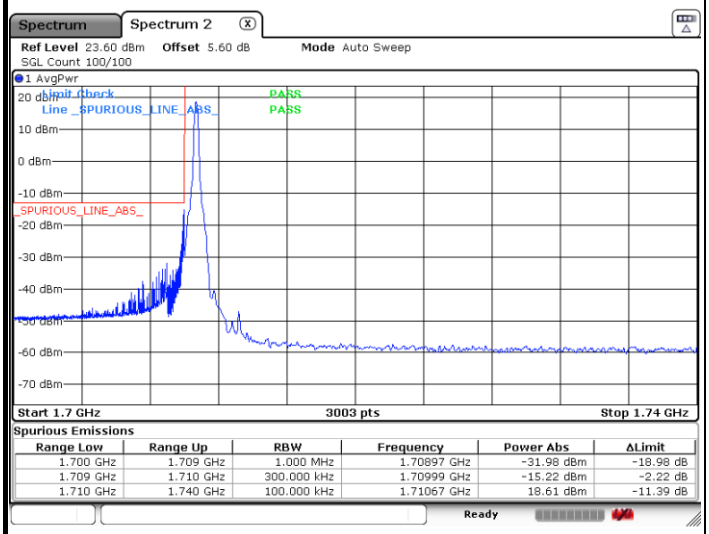
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.780 GHz	100.000 kHz	1.75499 GHz	0.25 dBm	-29.75 dB
1.780 GHz	1.781 GHz	300.000 kHz	1.78005 GHz	-33.47 dBm	-20.47 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78112 GHz	-29.12 dBm	-16.12 dB

Date: 26.NOV.2021 09:55:16

FR1 n66 / 30MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

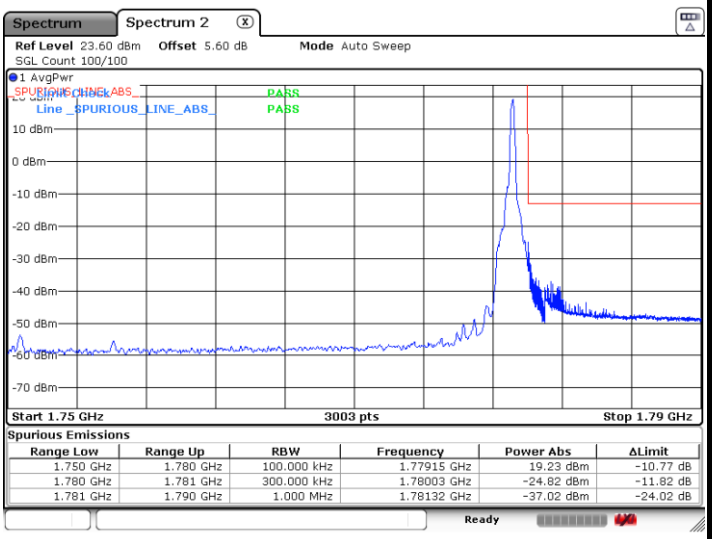


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-31.98 dBm	-18.98 dB
1.709 GHz	1.710 GHz	300.000 kHz	1.70999 GHz	-15.22 dBm	-2.22 dB
1.710 GHz	1.740 GHz	100.000 kHz	1.71067 GHz	18.61 dBm	-11.39 dB

Date: 26.NOV.2021 09:31:24

Highest Band Edge / 1RBMAX

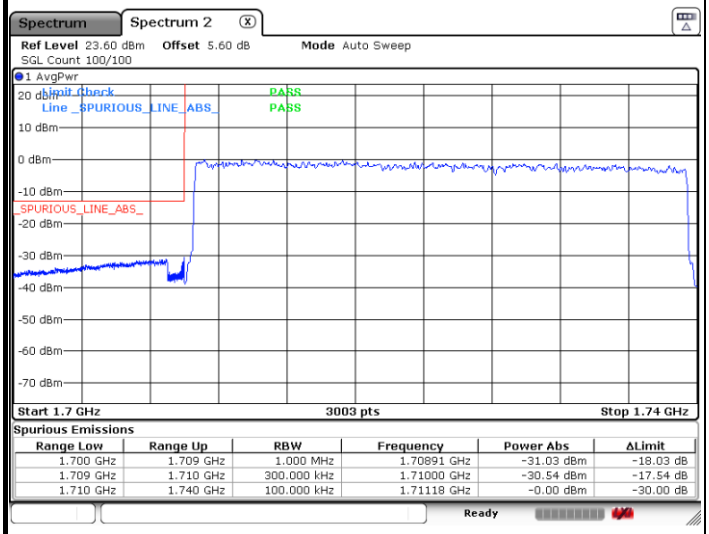


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.780 GHz	100.000 kHz	1.77915 GHz	19.23 dBm	-10.77 dB
1.780 GHz	1.781 GHz	300.000 kHz	1.78003 GHz	-24.82 dBm	-11.82 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78132 GHz	-37.02 dBm	-24.02 dB

Date: 26.NOV.2021 10:02:27

Lowest Band Edge / Full RB

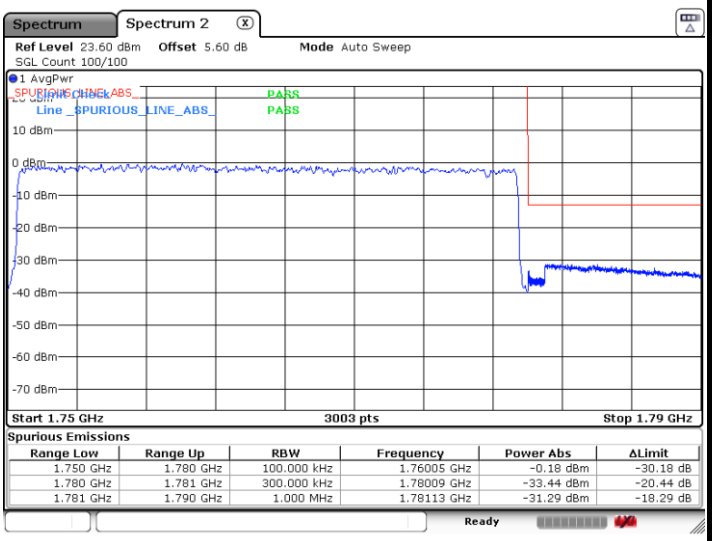


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-31.03 dBm	-18.03 dB
1.709 GHz	1.710 GHz	300.000 kHz	1.71000 GHz	-30.54 dBm	-17.54 dB
1.710 GHz	1.740 GHz	100.000 kHz	1.71118 GHz	-0.00 dBm	-30.00 dB

Date: 26.NOV.2021 09:30:10

Highest Band Edge / Full RB



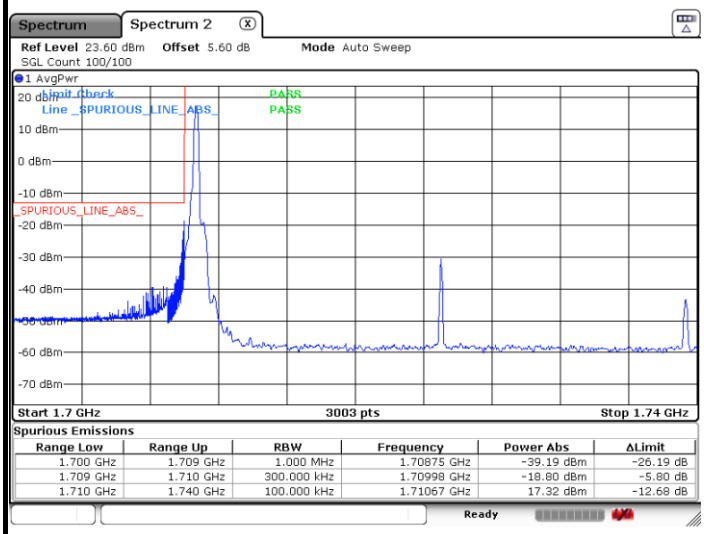
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.780 GHz	100.000 kHz	1.76005 GHz	-0.18 dBm	-30.18 dB
1.780 GHz	1.781 GHz	300.000 kHz	1.78009 GHz	-33.44 dBm	-20.44 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78113 GHz	-31.29 dBm	-18.29 dB

Date: 26.NOV.2021 09:56:28

FR1 n66 / 30MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

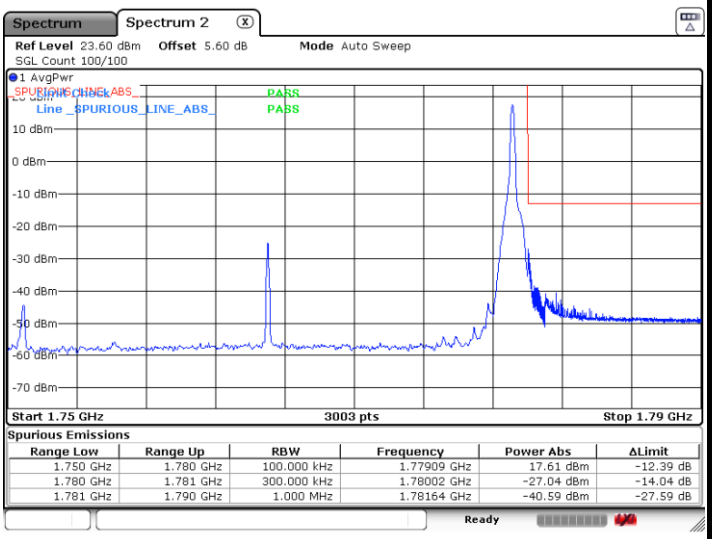


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70875 GHz	-39.19 dBm	-26.19 dB
1.709 GHz	1.710 GHz	300.000 kHz	1.70998 GHz	-18.80 dBm	-5.80 dB
1.710 GHz	1.740 GHz	100.000 kHz	1.71067 GHz	17.32 dBm	-12.68 dB

Date: 26.NOV.2021 09:31:02

Highest Band Edge / 1RBMAX

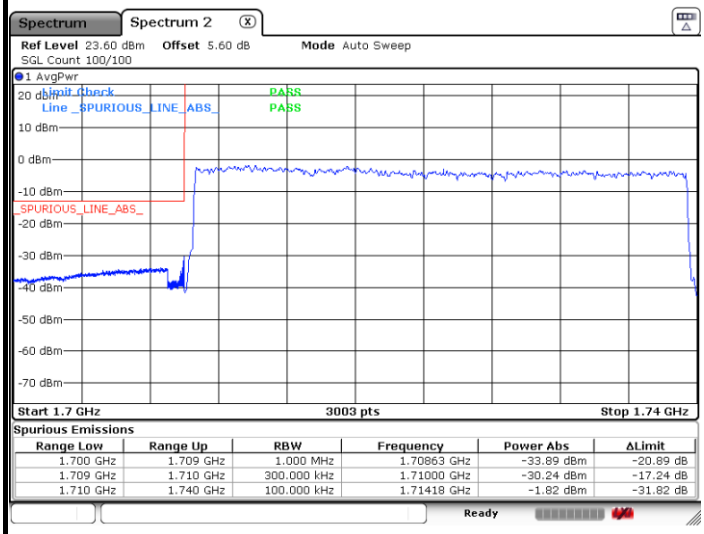


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.780 GHz	100.000 kHz	1.77909 GHz	17.61 dBm	-12.39 dB
1.780 GHz	1.781 GHz	300.000 kHz	1.78002 GHz	-27.04 dBm	-14.04 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78164 GHz	-40.59 dBm	-27.59 dB

Date: 26.NOV.2021 09:59:48

Lowest Band Edge / Full RB

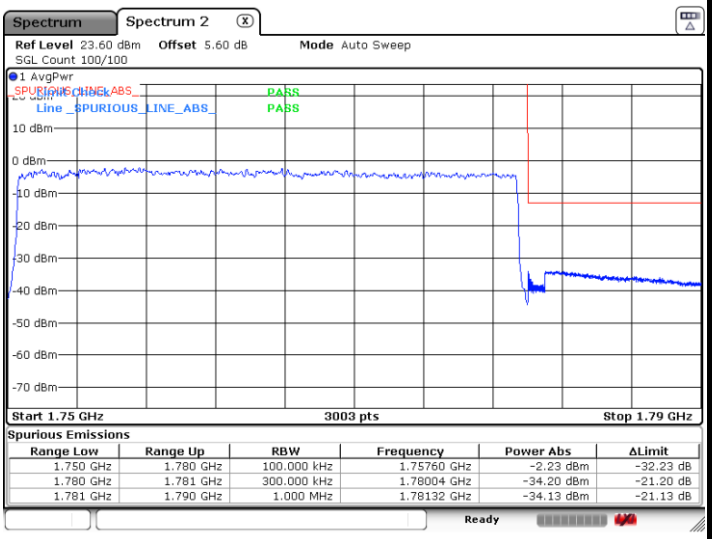


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70863 GHz	-33.89 dBm	-20.89 dB
1.709 GHz	1.710 GHz	300.000 kHz	1.71000 GHz	-30.24 dBm	-17.24 dB
1.710 GHz	1.740 GHz	100.000 kHz	1.71418 GHz	-1.82 dBm	-31.82 dB

Date: 26.NOV.2021 09:30:34

Highest Band Edge / Full RB



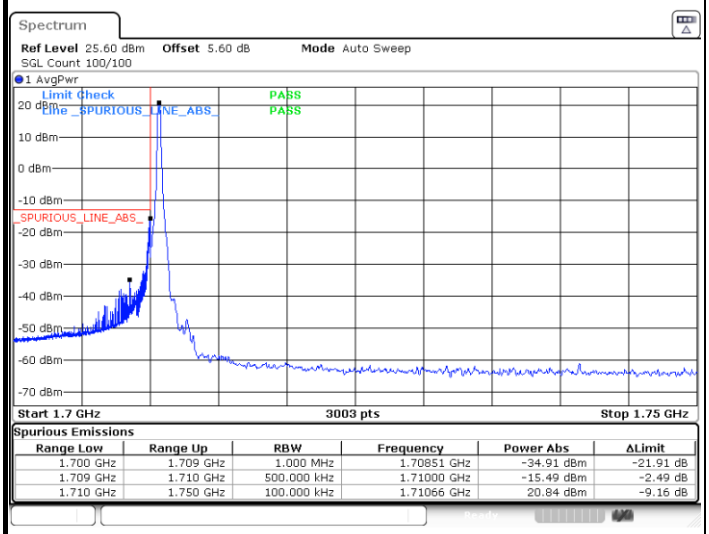
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.780 GHz	100.000 kHz	1.75760 GHz	-2.23 dBm	-32.23 dB
1.780 GHz	1.781 GHz	300.000 kHz	1.78004 GHz	-34.20 dBm	-21.20 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78132 GHz	-34.13 dBm	-21.13 dB

Date: 26.NOV.2021 10:00:31

FR1 n66 / 40MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

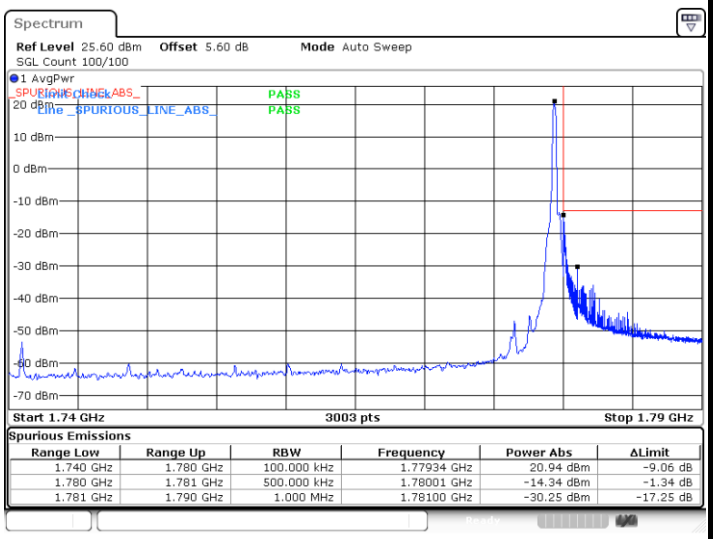


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70851 GHz	-34.91 dBm	-21.91 dB
1.709 GHz	1.710 GHz	500.000 kHz	1.71000 GHz	-15.49 dBm	-2.49 dB
1.710 GHz	1.750 GHz	100.000 kHz	1.71066 GHz	20.84 dBm	-9.16 dB

Date: 26.NOV.2021 14:18:36

Highest Band Edge / 1RBMAX

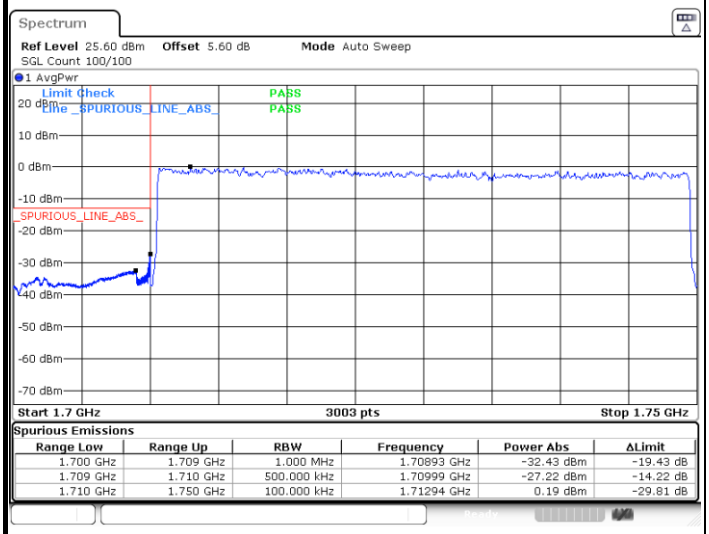


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.780 GHz	100.000 kHz	1.77934 GHz	20.94 dBm	-9.06 dB
1.780 GHz	1.781 GHz	500.000 kHz	1.78001 GHz	-14.34 dBm	-1.34 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78100 GHz	-30.25 dBm	-17.25 dB

Date: 26.NOV.2021 14:27:28

Lowest Band Edge / Full RB

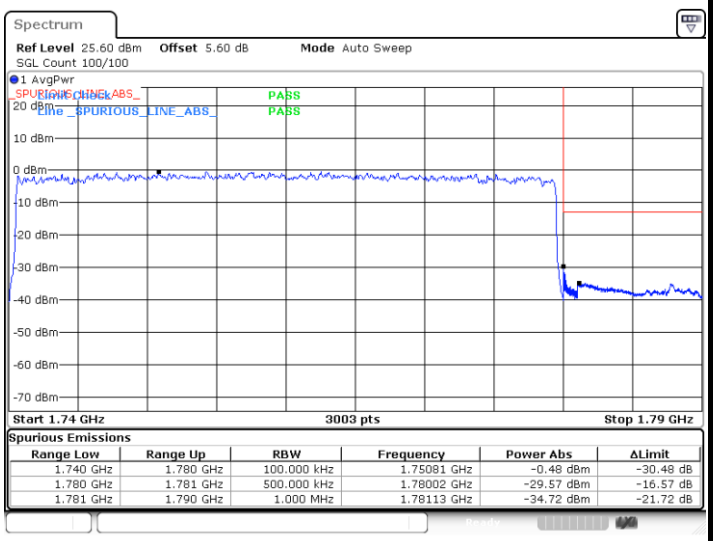


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70893 GHz	-32.43 dBm	-19.43 dB
1.709 GHz	1.710 GHz	500.000 kHz	1.70999 GHz	-27.22 dBm	-14.22 dB
1.710 GHz	1.750 GHz	100.000 kHz	1.71294 GHz	0.19 dBm	-29.81 dB

Date: 26.NOV.2021 14:18:05

Highest Band Edge / Full RB



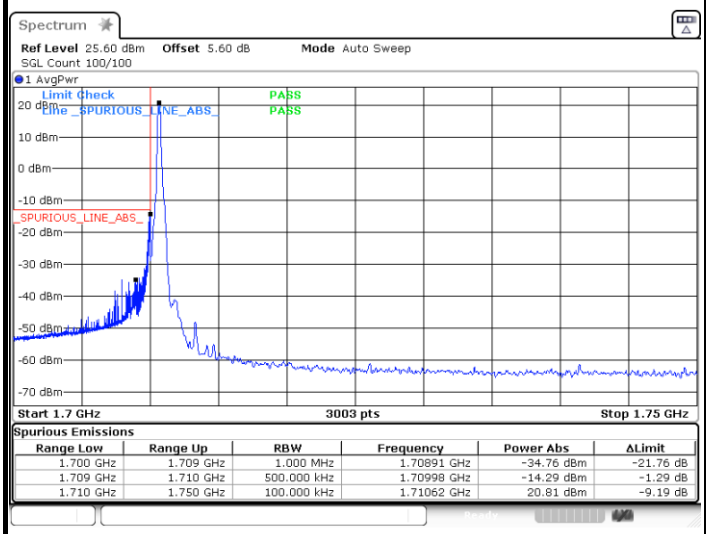
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.780 GHz	100.000 kHz	1.75081 GHz	-0.48 dBm	-30.48 dB
1.780 GHz	1.781 GHz	500.000 kHz	1.78002 GHz	-29.57 dBm	-16.57 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78113 GHz	-34.72 dBm	-21.72 dB

Date: 26.NOV.2021 14:26:57

FR1 n66 / 40MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

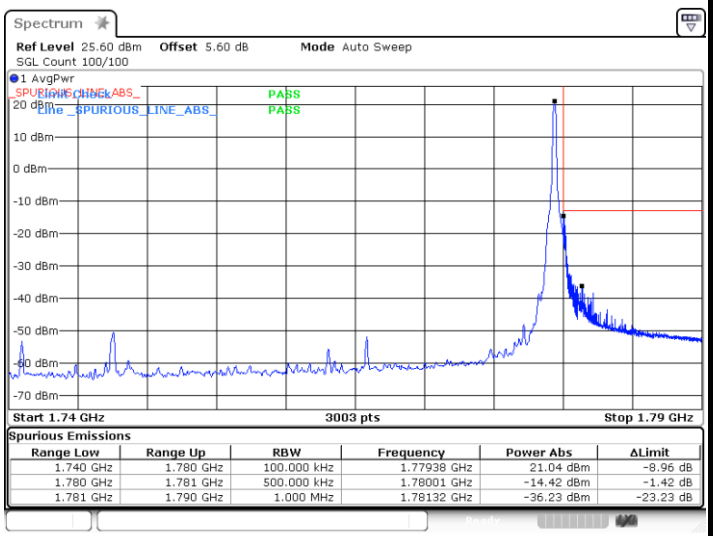


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-34.76 dBm	-21.76 dB
1.709 GHz	1.710 GHz	500.000 kHz	1.70998 GHz	-14.29 dBm	-1.29 dB
1.710 GHz	1.750 GHz	100.000 kHz	1.71062 GHz	20.81 dBm	-9.19 dB

Date: 26.NOV.2021 13:29:35

Highest Band Edge / 1RBMAX

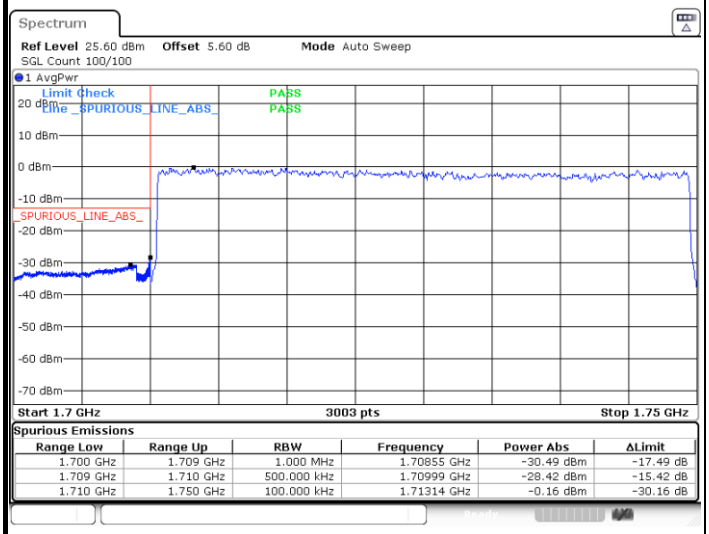


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.780 GHz	100.000 kHz	1.77938 GHz	21.04 dBm	-8.96 dB
1.780 GHz	1.781 GHz	500.000 kHz	1.78001 GHz	-14.42 dBm	-1.42 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78132 GHz	-36.23 dBm	-23.23 dB

Date: 26.NOV.2021 14:27:56

Lowest Band Edge / Full RB

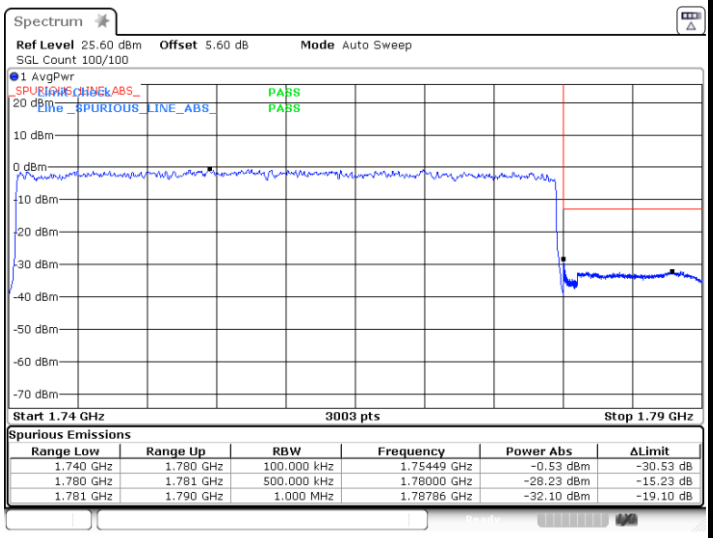


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70855 GHz	-30.49 dBm	-17.49 dB
1.709 GHz	1.710 GHz	500.000 kHz	1.70999 GHz	-28.42 dBm	-15.42 dB
1.710 GHz	1.750 GHz	100.000 kHz	1.71314 GHz	-0.16 dBm	-30.16 dB

Date: 26.NOV.2021 14:17:30

Highest Band Edge / Full RB



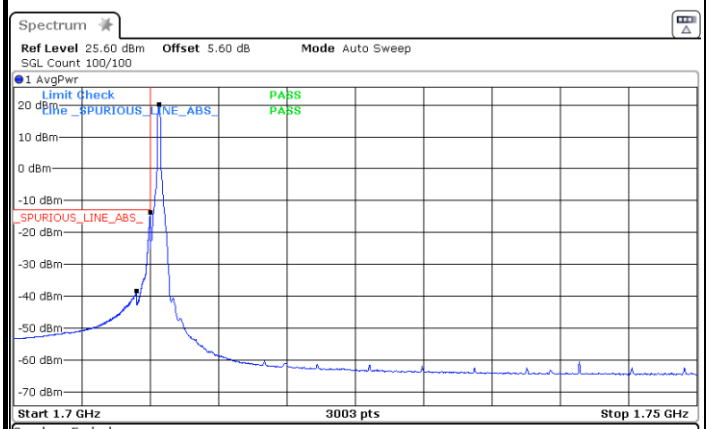
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.780 GHz	100.000 kHz	1.75449 GHz	-0.53 dBm	-30.53 dB
1.780 GHz	1.781 GHz	500.000 kHz	1.78000 GHz	-28.23 dBm	-15.23 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78786 GHz	-32.10 dBm	-19.10 dB

Date: 26.NOV.2021 14:23:45

FR1 n66 / 40MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

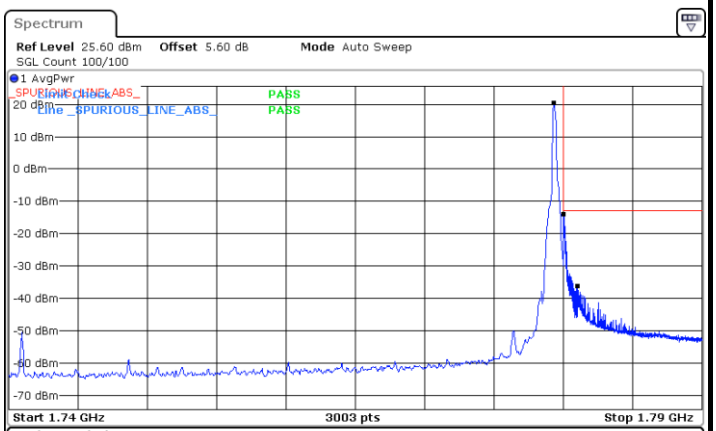


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-38.33 dBm	-25.33 dB
1.709 GHz	1.710 GHz	500.000 kHz	1.71000 GHz	-13.74 dBm	-0.74 dB
1.710 GHz	1.750 GHz	100.000 kHz	1.71062 GHz	20.29 dBm	-9.71 dB

Date: 26.NOV.2021 14:11:18

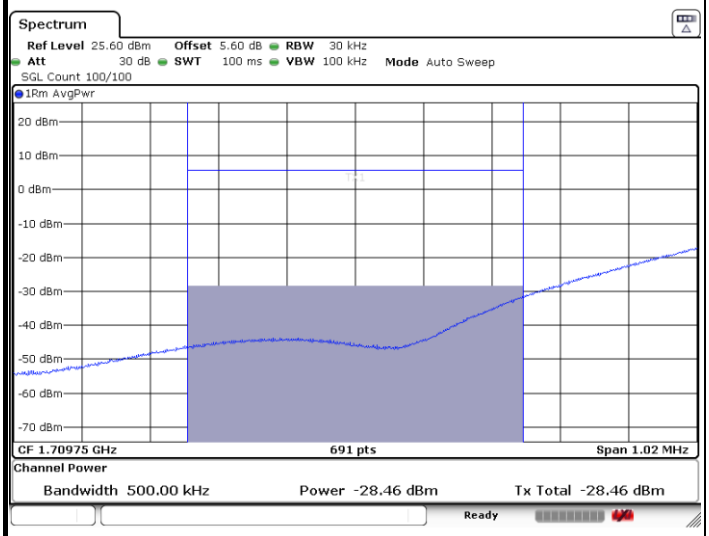
Highest Band Edge / 1RBMAX



Spurious Emissions

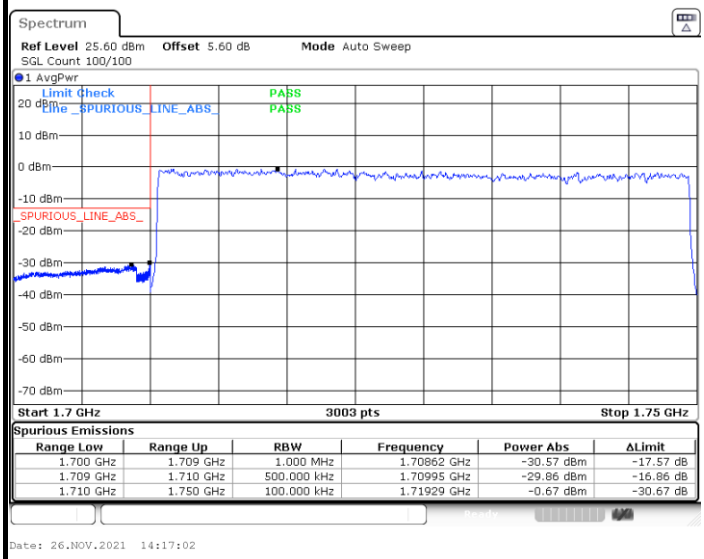
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.780 GHz	100.000 kHz	1.77930 GHz	20.37 dBm	-9.63 dB
1.780 GHz	1.781 GHz	500.000 kHz	1.78000 GHz	-14.08 dBm	-1.08 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78101 GHz	-36.11 dBm	-23.11 dB

Date: 26.NOV.2021 14:28:18



Date: 26.NOV.2021 13:52:57

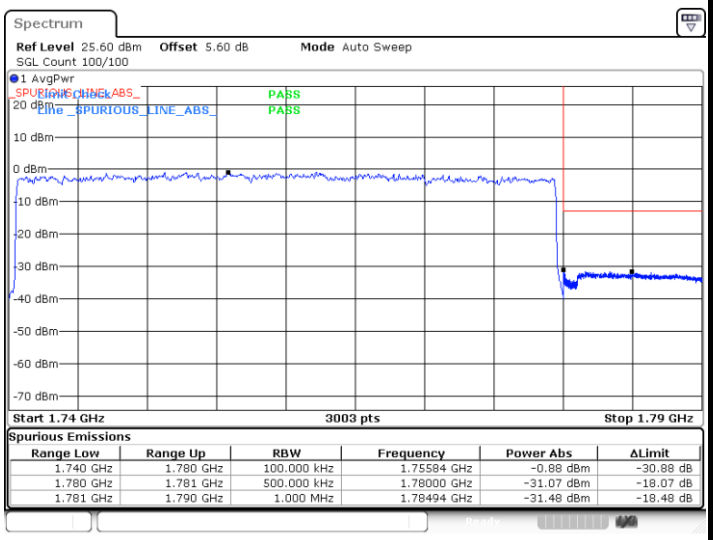
FR1 n66 / 40MHz / DFT-s-OFDM / 16QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70862 GHz	-30.57 dBm	-17.57 dB
1.709 GHz	1.710 GHz	500.000 kHz	1.70995 GHz	-29.86 dBm	-16.86 dB
1.710 GHz	1.750 GHz	100.000 kHz	1.71929 GHz	-0.67 dBm	-30.67 dB

Date: 26.NOV.2021 14:17:02



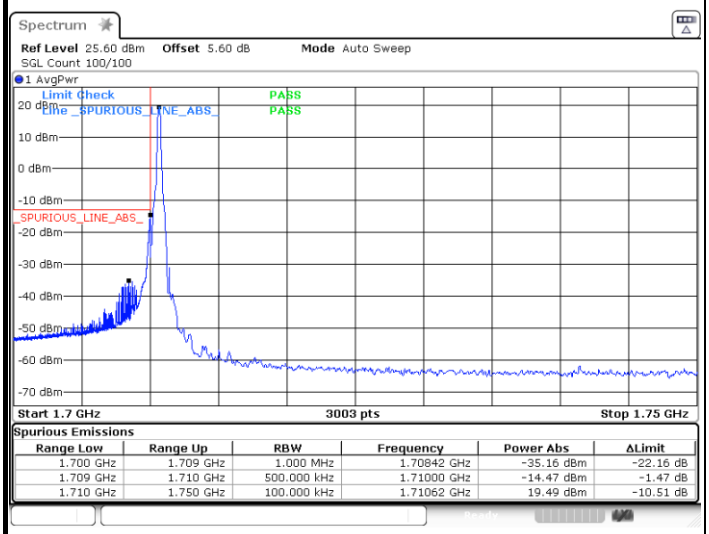
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.780 GHz	100.000 kHz	1.75584 GHz	-0.88 dBm	-30.88 dB
1.780 GHz	1.781 GHz	500.000 kHz	1.78000 GHz	-31.07 dBm	-18.07 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78494 GHz	-31.48 dBm	-18.48 dB

Date: 26.NOV.2021 14:26:13

FR1 n66 / 40MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

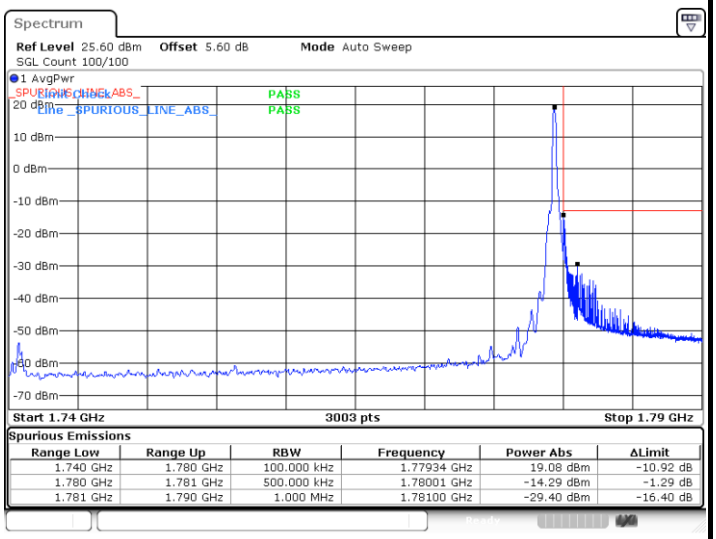


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70842 GHz	-35.16 dBm	-22.16 dB
1.709 GHz	1.710 GHz	500.000 kHz	1.71000 GHz	-14.47 dBm	-1.47 dB
1.710 GHz	1.750 GHz	100.000 kHz	1.71062 GHz	19.49 dBm	-10.51 dB

Date: 26.NOV.2021 14:14:30

Highest Band Edge / 1RBMAX

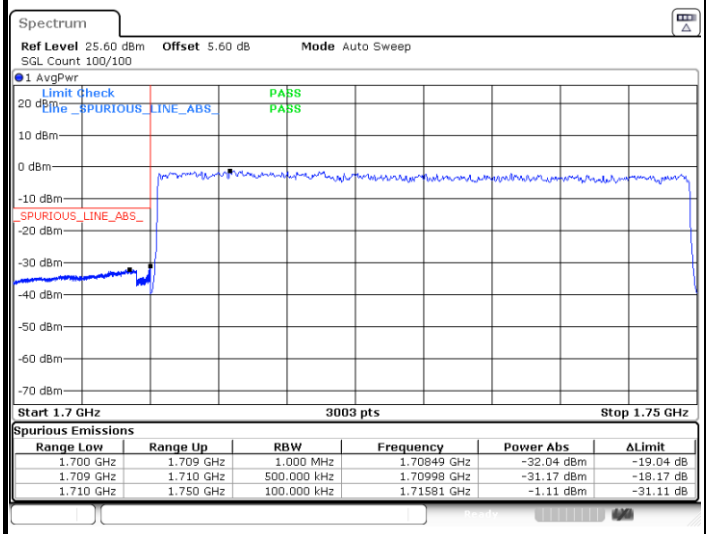


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.780 GHz	100.000 kHz	1.77934 GHz	19.08 dBm	-10.92 dB
1.780 GHz	1.781 GHz	500.000 kHz	1.78001 GHz	-14.29 dBm	-1.29 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78100 GHz	-29.40 dBm	-16.40 dB

Date: 26.NOV.2021 14:29:07

Lowest Band Edge / Full RB

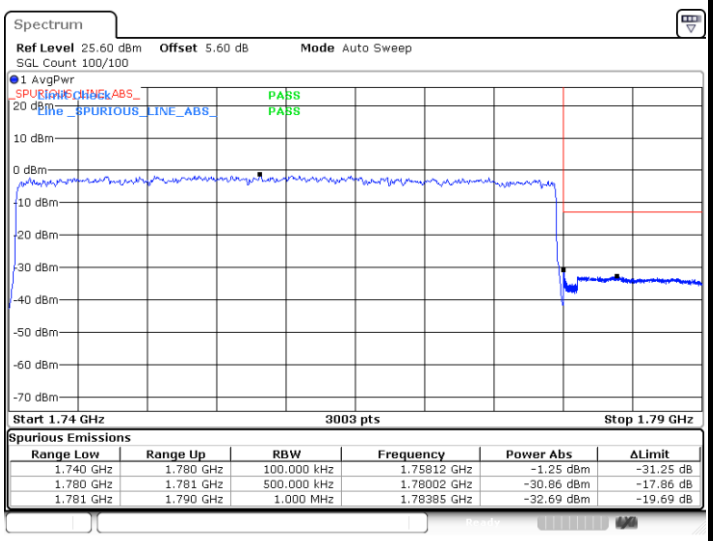


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70849 GHz	-32.04 dBm	-19.04 dB
1.709 GHz	1.710 GHz	500.000 kHz	1.70998 GHz	-31.17 dBm	-18.17 dB
1.710 GHz	1.750 GHz	100.000 kHz	1.71581 GHz	-1.11 dBm	-31.11 dB

Date: 26.NOV.2021 14:16:39

Highest Band Edge / Full RB



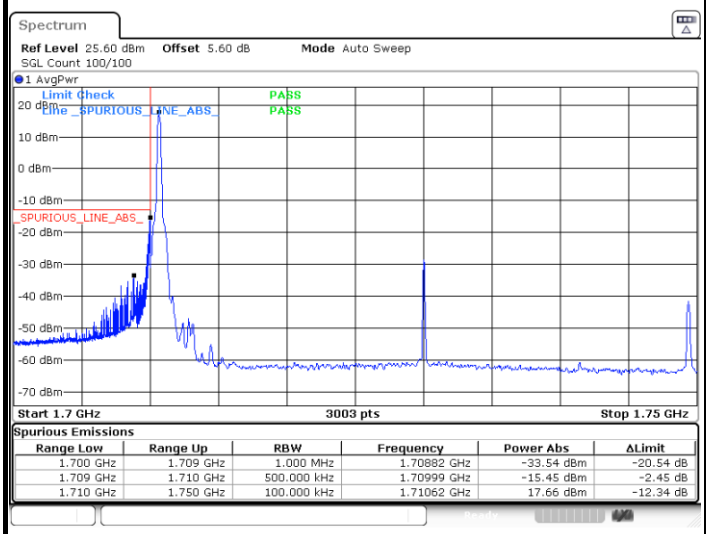
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.780 GHz	100.000 kHz	1.75812 GHz	-1.25 dBm	-31.25 dB
1.780 GHz	1.781 GHz	500.000 kHz	1.78002 GHz	-30.86 dBm	-17.86 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78385 GHz	-32.69 dBm	-19.69 dB

Date: 26.NOV.2021 14:26:36

FR1 n66 / 40MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

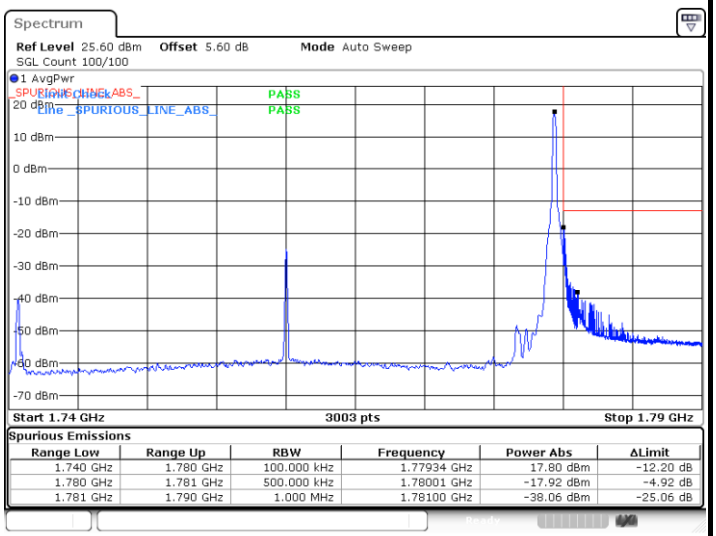


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70882 GHz	-33.54 dBm	-20.54 dB
1.709 GHz	1.710 GHz	500.000 kHz	1.70999 GHz	-15.45 dBm	-2.45 dB
1.710 GHz	1.750 GHz	100.000 kHz	1.71062 GHz	17.66 dBm	-12.34 dB

Date: 26.NOV.2021 14:15:11

Highest Band Edge / 1RBMAX

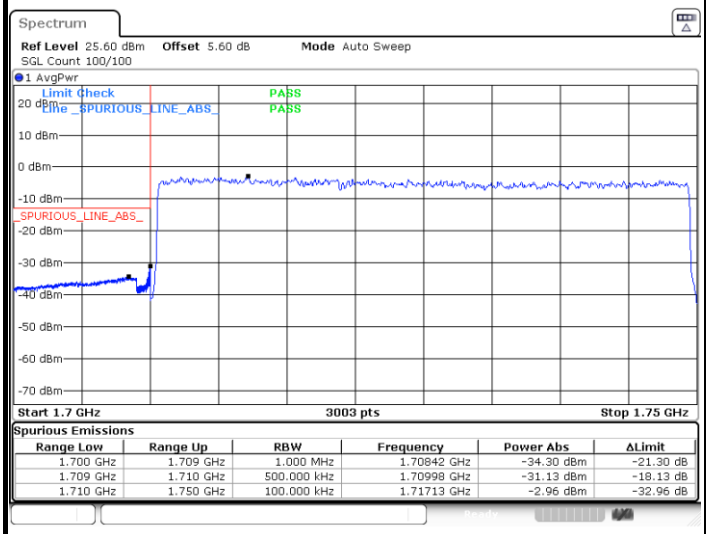


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.780 GHz	100.000 kHz	1.77934 GHz	17.80 dBm	-12.20 dB
1.780 GHz	1.781 GHz	500.000 kHz	1.78001 GHz	-17.92 dBm	-4.92 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78100 GHz	-38.06 dBm	-25.06 dB

Date: 26.NOV.2021 14:29:50

Lowest Band Edge / Full RB

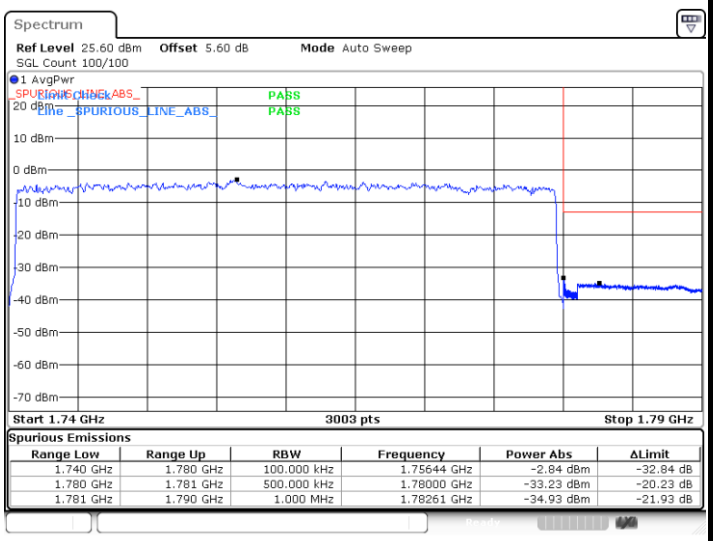


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70842 GHz	-34.30 dBm	-21.30 dB
1.709 GHz	1.710 GHz	500.000 kHz	1.70998 GHz	-31.13 dBm	-18.13 dB
1.710 GHz	1.750 GHz	100.000 kHz	1.71713 GHz	-2.96 dBm	-32.96 dB

Date: 26.NOV.2021 14:16:07

Highest Band Edge / Full RB



Spurious Emissions

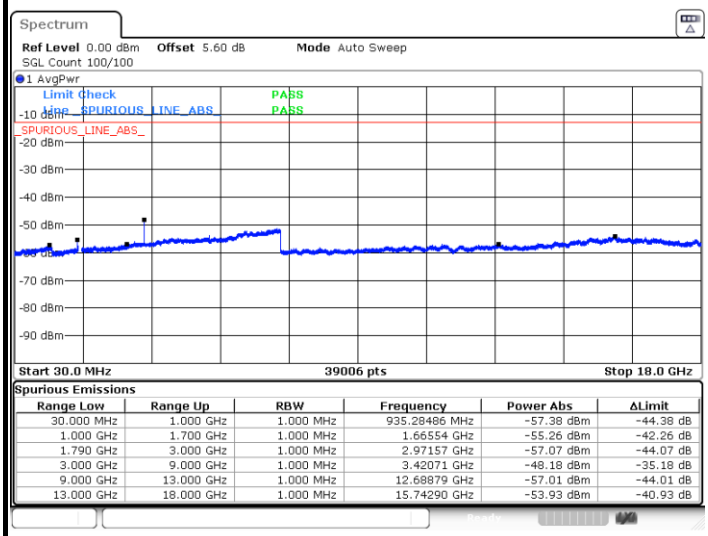
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.780 GHz	100.000 kHz	1.75644 GHz	-2.84 dBm	-32.84 dB
1.780 GHz	1.781 GHz	500.000 kHz	1.78000 GHz	-33.23 dBm	-20.23 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78261 GHz	-34.93 dBm	-21.93 dB

Date: 26.NOV.2021 14:30:13

Conducted Spurious Emission

FR1 n66 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

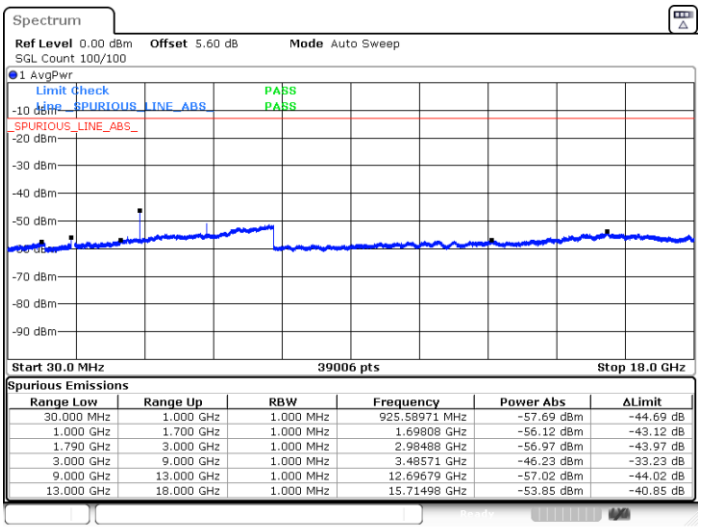


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.28486 MHz	-57.38 dBm	-44.38 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66554 GHz	-55.26 dBm	-42.26 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97157 GHz	-57.07 dBm	-44.07 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-48.18 dBm	-35.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68879 GHz	-57.01 dBm	-44.01 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74290 GHz	-53.93 dBm	-40.93 dB

Date: 26.NOV.2021 03:26:06

Middle Channel / 1RB1

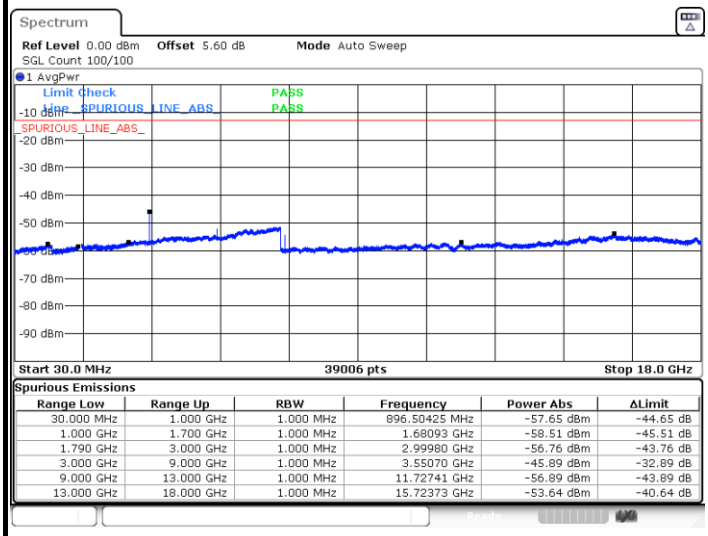


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.58971 MHz	-57.69 dBm	-44.69 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-56.12 dBm	-43.12 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98488 GHz	-56.97 dBm	-43.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48571 GHz	-46.23 dBm	-33.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69679 GHz	-57.02 dBm	-44.02 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.71498 GHz	-53.85 dBm	-40.85 dB

Date: 26.NOV.2021 03:43:17

Highest Channel / 1RB1



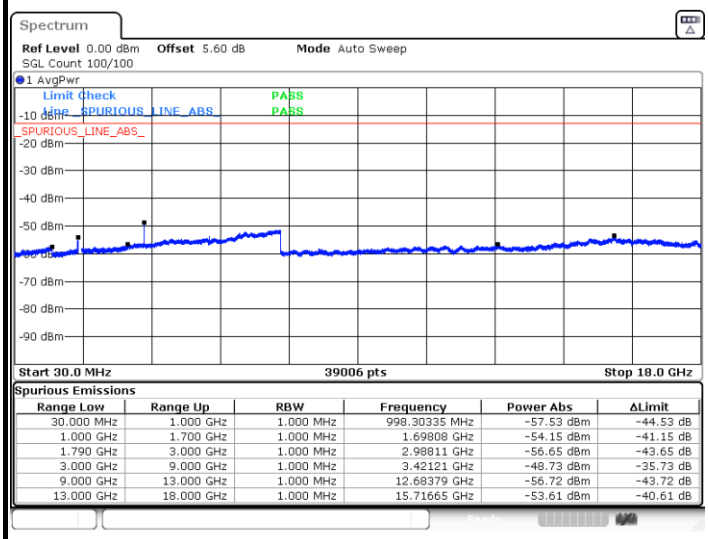
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.50425 MHz	-57.65 dBm	-44.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68093 GHz	-58.51 dBm	-45.51 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99980 GHz	-56.76 dBm	-43.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.55070 GHz	-45.89 dBm	-32.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.72741 GHz	-56.89 dBm	-43.89 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.72373 GHz	-53.64 dBm	-40.64 dB

Date: 26.NOV.2021 03:46:26

FR1 n66 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

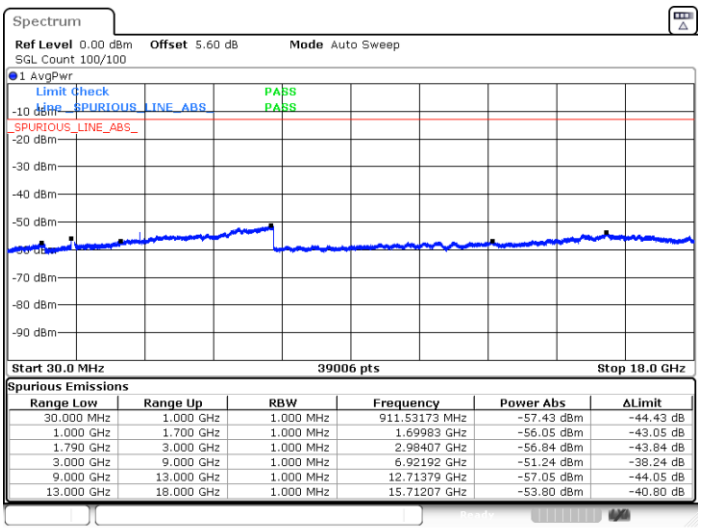


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-57.53 dBm	-44.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-54.15 dBm	-41.15 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98811 GHz	-56.65 dBm	-43.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-48.73 dBm	-35.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68379 GHz	-56.72 dBm	-43.72 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.71665 GHz	-53.61 dBm	-40.61 dB

Date: 26.NOV.2021 04:01:40

Middle Channel / 1RB1

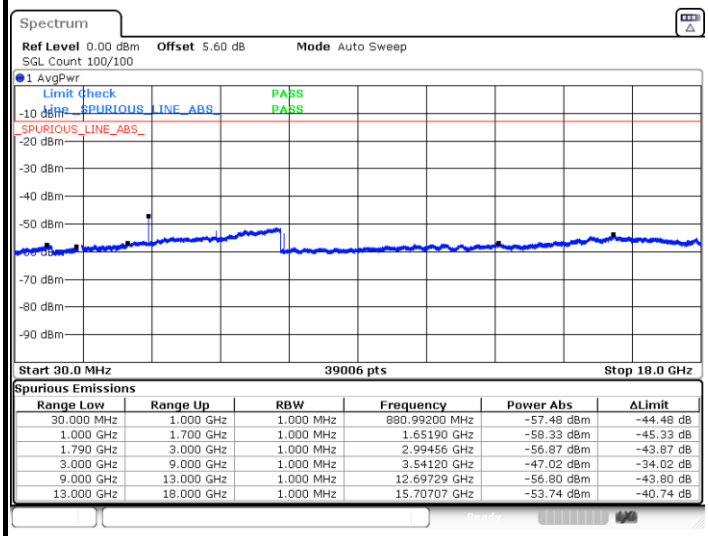


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.53173 MHz	-57.43 dBm	-44.43 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-56.05 dBm	-43.05 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98407 GHz	-56.84 dBm	-43.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92192 GHz	-51.24 dBm	-38.24 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71379 GHz	-57.05 dBm	-44.05 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.71207 GHz	-53.80 dBm	-40.80 dB

Date: 26.NOV.2021 04:10:51

Highest Channel / 1RB1



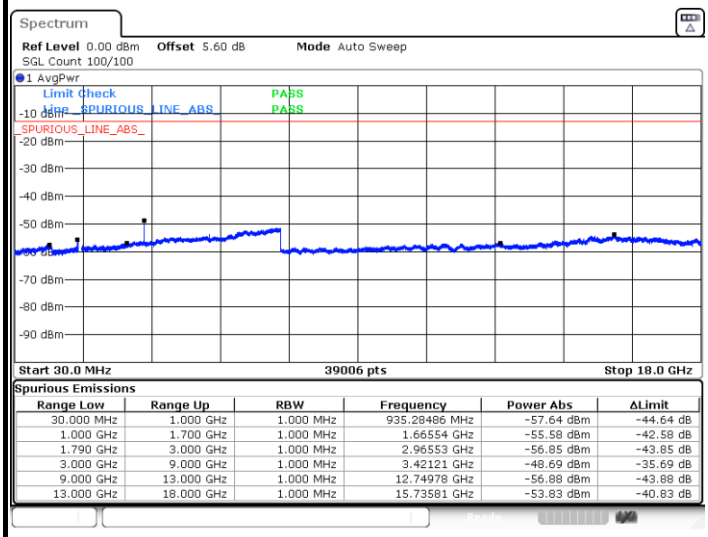
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.99200 MHz	-57.48 dBm	-44.48 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65190 GHz	-58.33 dBm	-45.33 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99456 GHz	-56.87 dBm	-43.87 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.54120 GHz	-47.02 dBm	-34.02 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69729 GHz	-56.80 dBm	-43.80 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.70707 GHz	-53.74 dBm	-40.74 dB

Date: 26.NOV.2021 04:14:02

FR1 n66 / 15MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

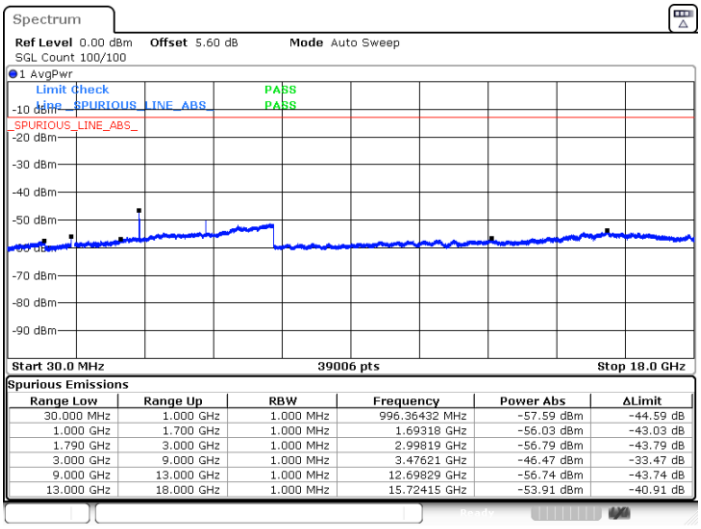


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.28486 MHz	-57.64 dBm	-44.64 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66554 GHz	-55.58 dBm	-42.58 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.96553 GHz	-56.85 dBm	-43.85 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-48.69 dBm	-35.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74978 GHz	-56.88 dBm	-43.88 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73581 GHz	-53.83 dBm	-40.83 dB

Date: 26.NOV.2021 04:24:58

Middle Channel / 1RB1

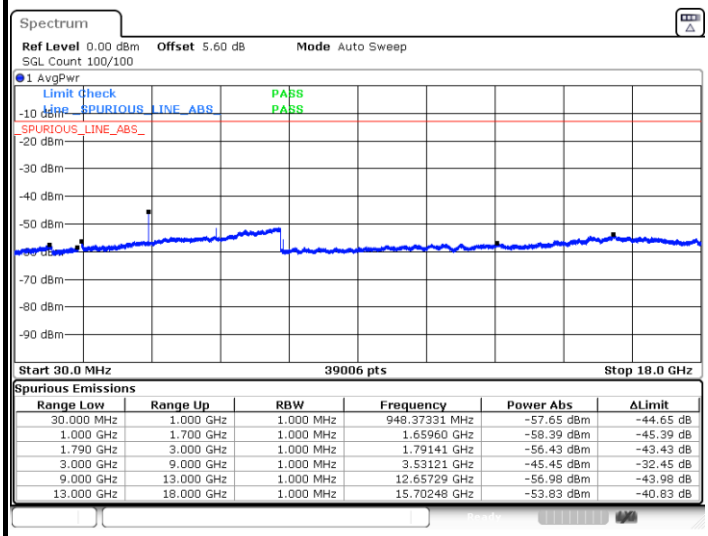


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-57.59 dBm	-44.59 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-56.03 dBm	-43.03 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99819 GHz	-56.79 dBm	-43.79 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47621 GHz	-46.47 dBm	-33.47 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69829 GHz	-56.74 dBm	-43.74 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.72415 GHz	-53.91 dBm	-40.91 dB

Date: 26.NOV.2021 04:32:57

Highest Channel / 1RB1



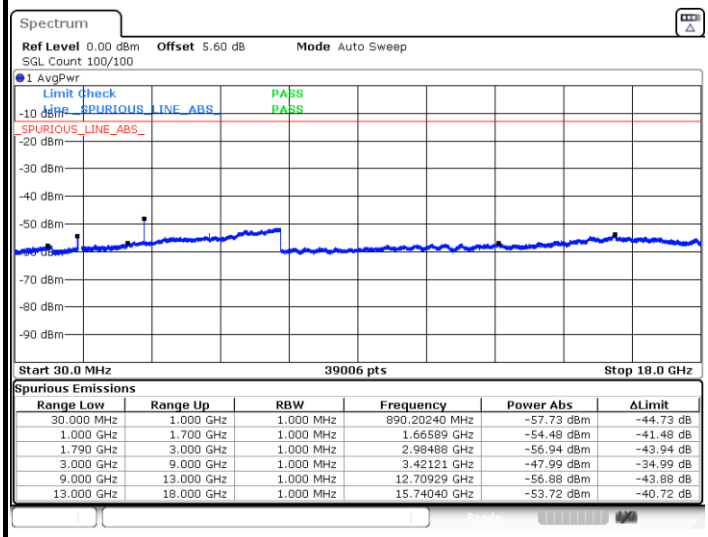
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	948.37331 MHz	-57.65 dBm	-44.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65960 GHz	-58.39 dBm	-45.39 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79141 GHz	-56.43 dBm	-43.43 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.53121 GHz	-45.45 dBm	-32.45 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65729 GHz	-56.98 dBm	-43.98 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.70248 GHz	-53.83 dBm	-40.83 dB

Date: 26.NOV.2021 04:34:43

FR1 n66 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

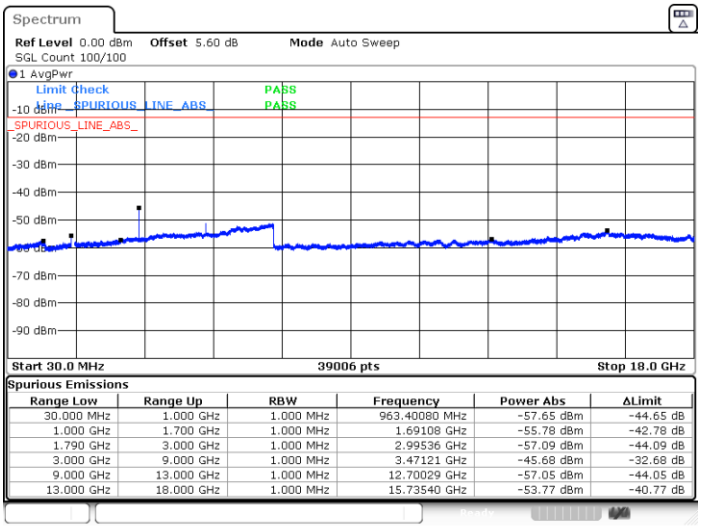


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.20240 MHz	-57.73 dBm	-44.73 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66589 GHz	-54.48 dBm	-41.48 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98488 GHz	-56.94 dBm	-43.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-47.99 dBm	-34.99 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70929 GHz	-56.88 dBm	-43.88 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74040 GHz	-53.72 dBm	-40.72 dB

Date: 26.NOV.2021 04:43:45

Middle Channel / 1RB1

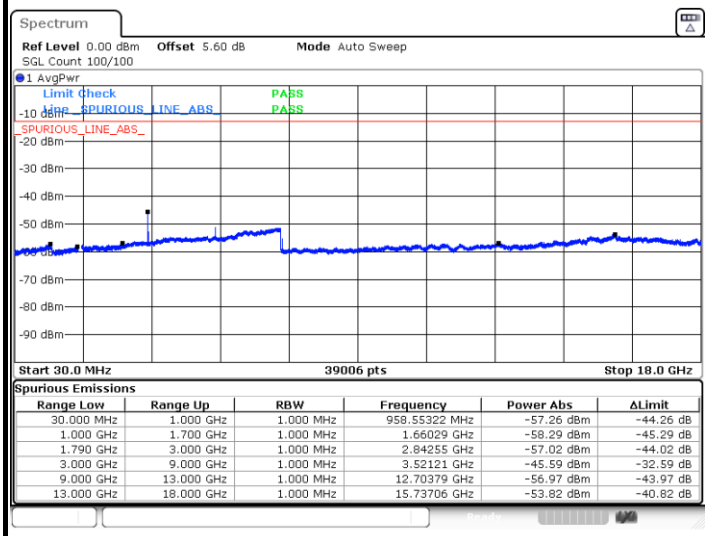


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.40080 MHz	-57.65 dBm	-44.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69108 GHz	-55.78 dBm	-42.78 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99536 GHz	-57.09 dBm	-44.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47121 GHz	-45.68 dBm	-32.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70029 GHz	-57.05 dBm	-44.05 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73540 GHz	-53.77 dBm	-40.77 dB

Date: 26.NOV.2021 04:49:58

Highest Channel / 1RB1



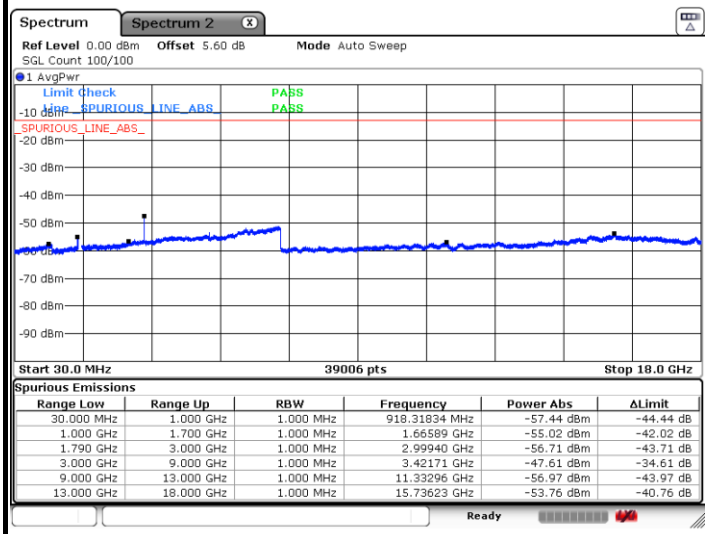
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.55322 MHz	-57.26 dBm	-44.26 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66029 GHz	-58.29 dBm	-45.29 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.84255 GHz	-57.02 dBm	-44.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.52121 GHz	-45.59 dBm	-32.59 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70379 GHz	-56.97 dBm	-43.97 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73706 GHz	-53.82 dBm	-40.82 dB

Date: 26.NOV.2021 04:51:56

FR1 n66 / 30MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

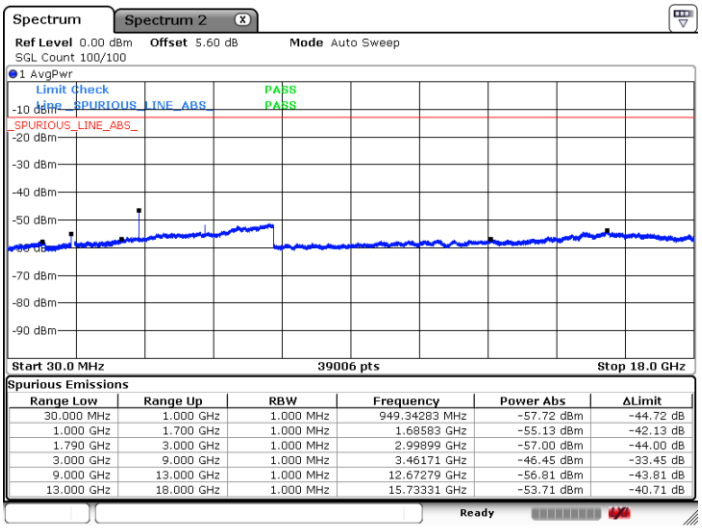


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.31834 MHz	-57.44 dBm	-44.44 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66589 GHz	-55.02 dBm	-42.02 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99940 GHz	-56.71 dBm	-43.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42171 GHz	-47.61 dBm	-34.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.33296 GHz	-56.97 dBm	-43.97 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73623 GHz	-53.76 dBm	-40.76 dB

Date: 26.NOV.2021 08:50:42

Middle Channel / 1RB1

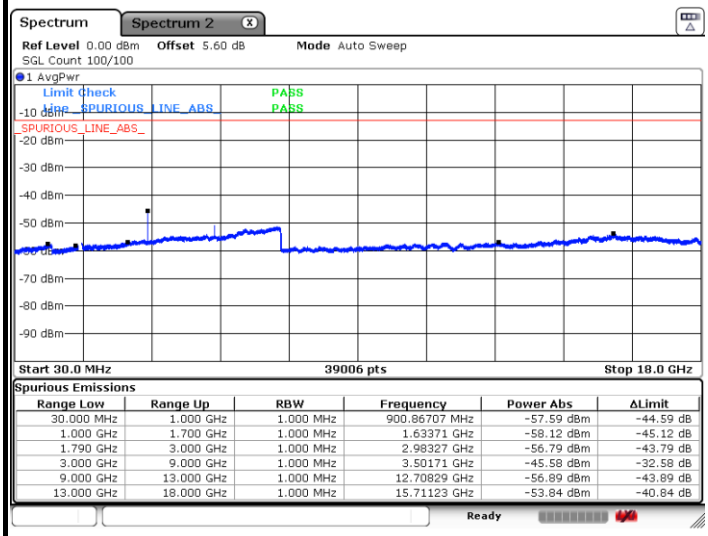


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.34283 MHz	-57.72 dBm	-44.72 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68583 GHz	-55.13 dBm	-42.13 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99899 GHz	-57.00 dBm	-44.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46171 GHz	-46.45 dBm	-33.45 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67279 GHz	-56.81 dBm	-43.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73331 GHz	-53.71 dBm	-40.71 dB

Date: 26.NOV.2021 08:48:40

Highest Channel / 1RB1



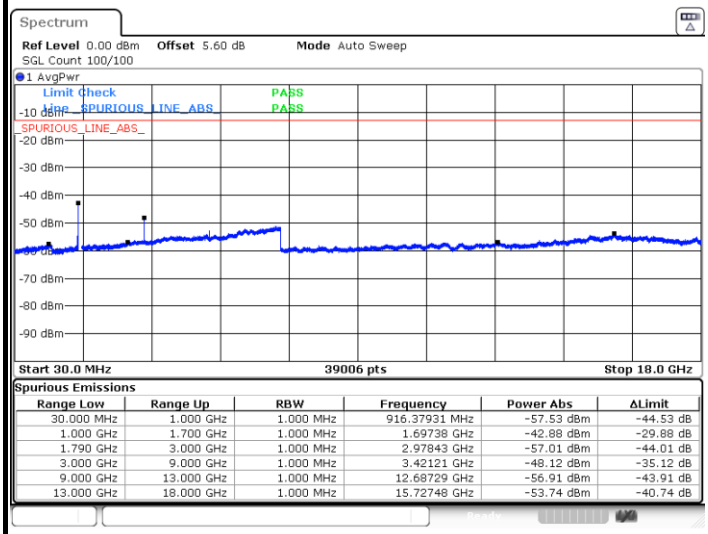
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	900.86707 MHz	-57.59 dBm	-44.59 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63371 GHz	-58.12 dBm	-45.12 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98327 GHz	-56.79 dBm	-43.79 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50171 GHz	-45.58 dBm	-32.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70829 GHz	-56.89 dBm	-43.89 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.71123 GHz	-53.84 dBm	-40.84 dB

Date: 26.NOV.2021 09:50:51

FR1 n66 / 40MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

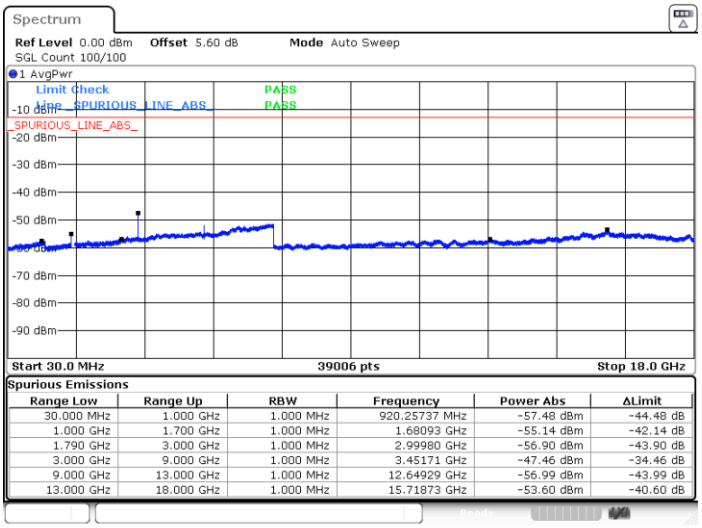


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.37931 MHz	-57.53 dBm	-44.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69738 GHz	-42.88 dBm	-29.88 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97843 GHz	-57.01 dBm	-44.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-48.12 dBm	-35.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68729 GHz	-56.91 dBm	-43.91 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.72748 GHz	-53.74 dBm	-40.74 dB

Date: 26.NOV.2021 14:19:28

Middle Channel / 1RB1

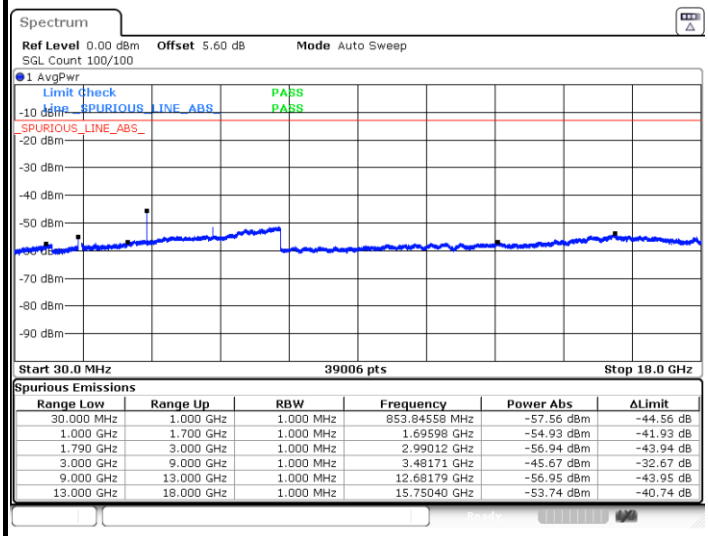


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.25737 MHz	-57.48 dBm	-44.48 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68093 GHz	-55.14 dBm	-42.14 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99980 GHz	-56.90 dBm	-43.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45171 GHz	-47.46 dBm	-34.46 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64929 GHz	-56.99 dBm	-43.99 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.71873 GHz	-53.60 dBm	-40.60 dB

Date: 26.NOV.2021 12:43:44

Highest Channel / 1RB1



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	853.84558 MHz	-57.56 dBm	-44.56 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69598 GHz	-54.93 dBm	-41.93 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99012 GHz	-56.94 dBm	-43.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48171 GHz	-45.67 dBm	-32.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68179 GHz	-56.95 dBm	-43.95 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.75040 GHz	-53.74 dBm	-40.74 dB

Date: 26.NOV.2021 14:22:33

Frequency Stability

Test Conditions		FR1 n66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 40MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0010	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0034	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0015	

Note:

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

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

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

SA n5 / NR 20MHz / QPSK / ANT0(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1656	-66.34	-13	-53.34	-73.31	1.58	10.70	H
	2482	-62.79	-13	-49.79	-71.04	2.10	12.50	H
	3312	-61.84	-13	-48.84	-70.73	2.86	13.90	H
	1656	-65.31	-13	-52.31	-72.28	1.58	10.70	V
	2482	-58.34	-13	-45.34	-66.59	2.10	12.50	V
	3312	-61.60	-13	-48.60	-70.49	2.86	13.90	V

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

EN-DC_7A_n5A / LTE 10MHz + NR 20MHz / QPSK / ANT3(LTE) & ANT0(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-66.74	-13	-53.74	-73.71	1.58	10.70	H
	2508	-62.66	-13	-49.66	-70.91	2.10	12.50	H
	3348	-61.77	-13	-48.77	-70.66	2.86	13.90	H
	1672	-65.81	-13	-52.81	-72.78	1.58	10.70	V
	2508	-61.98	-13	-48.98	-70.23	2.10	12.50	V
	3348	-62.08	-13	-49.08	-70.97	2.86	13.90	V

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

SA n7 / NR 20MHz / QPSK / ANT4(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	5052	-61.68	-25	-36.68	-71.89	3.03	13.24	H
	7576	-62.08	-25	-37.08	-71.53	3.56	13.01	H
	10100	-62.98	-25	-37.98	-72.50	3.92	13.44	H
	5052	-61.00	-25	-36.00	-71.21	3.03	13.24	V
	7578	-61.52	-25	-36.52	-70.97	3.56	13.01	V
	10100	-63.26	-25	-38.26	-72.78	3.92	13.44	V

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

EN-DC_5A_n7A / LTE 10MHz + NR 20MHz / QPSK / ANT3(LTE) & ANT4(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052	-62.89	-25	-37.89	-73.10	3.03	13.24	H
	7576	-61.70	-25	-36.70	-71.15	3.56	13.01	H
	10100	-63.19	-25	-38.19	-72.71	3.92	13.44	H
	5052	-65.21	-25	-40.21	-75.42	3.03	13.24	V
	7576	-63.55	-25	-38.55	-73.00	3.56	13.01	V
	10100	-63.10	-25	-38.10	-72.62	3.92	13.44	V

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

EN-DC_66A_n7A / LTE 20MHz + NR 20MHz / QPSK / ANT3(LTE) & ANT4(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052	-64.67	-25	-39.67	-74.88	3.03	13.24	H
	7576	-63.47	-25	-38.47	-72.92	3.56	13.01	H
	10100	-62.91	-25	-37.91	-72.43	3.92	13.44	H
	5052	-65.13	-25	-40.13	-75.34	3.03	13.24	V
	7576	-63.28	-25	-38.28	-72.73	3.56	13.01	V
	10100	-62.90	-25	-37.90	-72.42	3.92	13.44	V

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

SA n38 / NR 15MHz / QPSK / ANT0(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	5156	-64.79	-25	-39.79	-75.00	3.03	13.24	H
	7732	-62.91	-25	-37.91	-72.36	3.56	13.01	H
	10310	-61.69	-25	-36.69	-71.21	3.92	13.44	H
	5152	-64.85	-25	-39.85	-75.06	3.03	13.24	V
	7732	-63.03	-25	-38.03	-72.48	3.56	13.01	V
	10310	-62.06	-25	-37.06	-71.58	3.92	13.44	V

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

SA n41 / NR 100MHz / QPSK / ANT0(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	5096	-64.74	-25	-39.74	-74.95	3.03	13.24	H
	7644	-62.77	-25	-37.77	-72.22	3.56	13.01	H
	10190	-62.12	-25	-37.12	-71.64	3.92	13.44	H
	5096	-65.07	-25	-40.07	-75.28	3.03	13.24	V
	7644	-63.39	-25	-38.39	-72.84	3.56	13.01	V
	10190	-62.63	-25	-37.63	-72.15	3.92	13.44	V

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

SA n66 / NR 40MHz / QPSK / ANT4(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	3471	-59.93	-13	-46.93	-70.67	2.60	13.34	H
	5208	-54.56	-13	-41.56	-65.07	3.01	13.52	H
	6948	-56.56	-13	-43.56	-66.76	3.27	13.47	H
	3471	-59.85	-13	-46.85	-70.59	2.60	13.34	V
	5208	-55.74	-13	-42.74	-66.25	3.01	13.52	V
	6948	-56.61	-13	-43.61	-66.81	3.27	13.47	V

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

EN-DC_5A_n66A / LTE 10MHz + NR 40MHz / QPSK / ANT3(LTE) & ANT4(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	3471	-58.84	-13	-45.84	-69.58	2.60	13.34	H
	5208	-58.19	-13	-45.19	-68.70	3.01	13.52	H
	6948	-56.91	-13	-43.91	-67.11	3.27	13.47	H
	3471	-60.36	-13	-47.36	-71.10	2.60	13.34	V
	5208	-56.83	-13	-43.83	-67.34	3.01	13.52	V
	6948	-56.95	-13	-43.95	-67.15	3.27	13.47	V

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

EN-DC_7A_n66A / LTE 10MHz + NR 40MHz / QPSK / ANT3(LTE) & ANT4(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	3471	-58.50	-13	-45.50	-69.24	2.60	13.34	H
	5208	-57.71	-13	-44.71	-68.22	3.01	13.52	H
	6948	-56.77	-13	-43.77	-66.97	3.27	13.47	H
	3471	-58.47	-13	-45.47	-69.21	2.60	13.34	V
	5208	-57.83	-13	-44.83	-68.34	3.01	13.52	V
	6948	-56.54	-13	-43.54	-66.74	3.27	13.47	V

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

EN-DC_12A_n66A / LTE 10MHz + NR 40MHz / QPSK / ANT1(LTE) & ANT4(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	3471	-59.72	-13	-46.72	-70.46	2.60	13.34	H
	5208	-57.30	-13	-44.30	-67.81	3.01	13.52	H
	6948	-56.97	-13	-43.97	-67.17	3.27	13.47	H
	3471	-60.06	-13	-47.06	-70.80	2.60	13.34	V
	5208	-57.95	-13	-44.95	-68.46	3.01	13.52	V
	6948	-56.86	-13	-43.86	-67.06	3.27	13.47	V

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