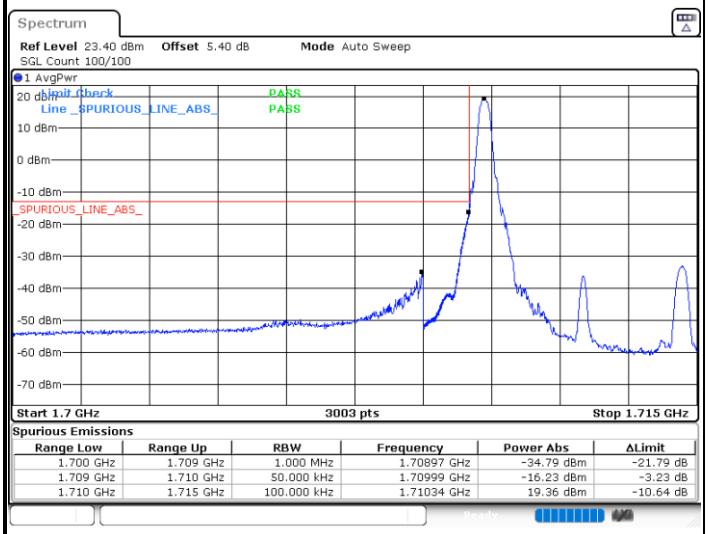
FR1 n66 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

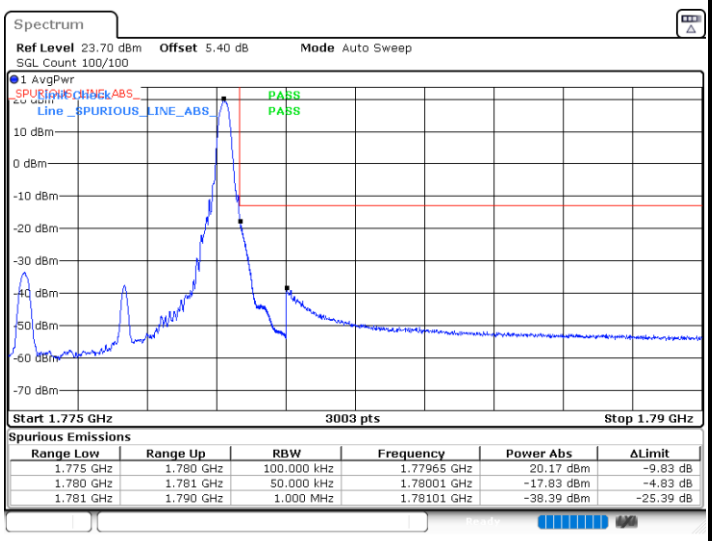


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-34.79 dBm	-21.79 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.70999 GHz	-16.23 dBm	-3.23 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71034 GHz	19.36 dBm	-10.64 dB

Date: 8.NOV.2022 02:28:05

Highest Band Edge / 1RBmax

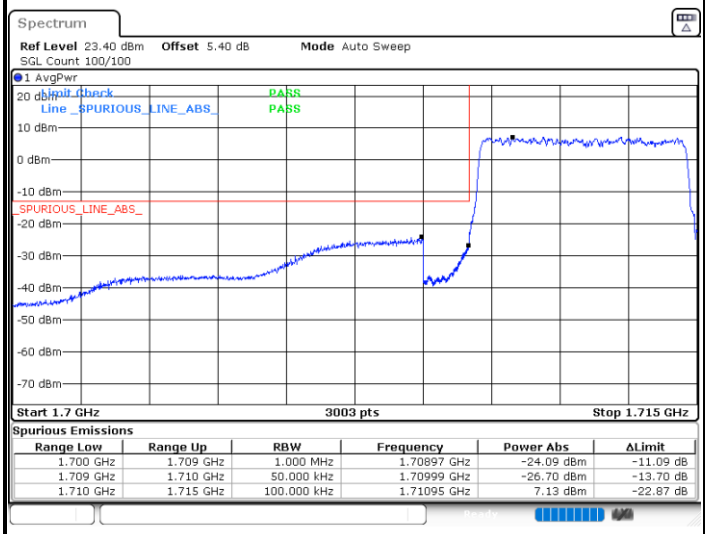


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.775 GHz	1.780 GHz	100.000 kHz	1.77965 GHz	20.17 dBm	-9.83 dB
1.780 GHz	1.781 GHz	50.000 kHz	1.78001 GHz	-17.83 dBm	-4.83 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78101 GHz	-38.39 dBm	-25.39 dB

Date: 8.NOV.2022 02:53:44

Lowest Band Edge / Full RB

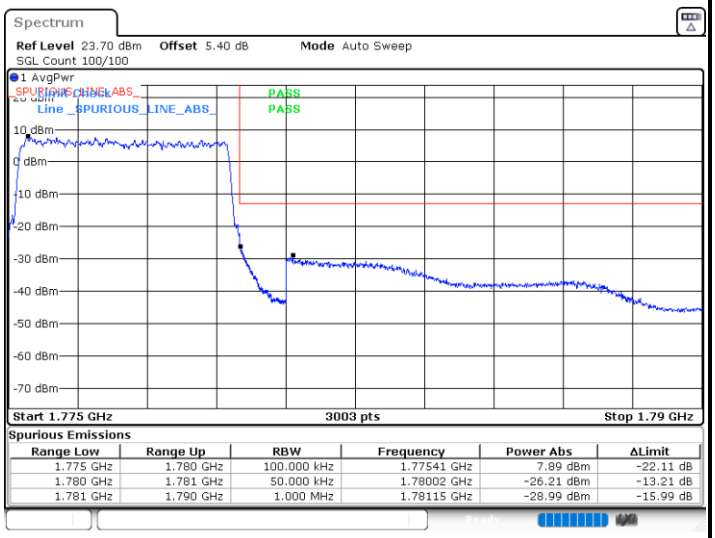


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-24.09 dBm	-11.09 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.70999 GHz	-26.70 dBm	-13.70 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71095 GHz	7.13 dBm	-22.87 dB

Date: 8.NOV.2022 02:27:18

Highest Band Edge / Full RB



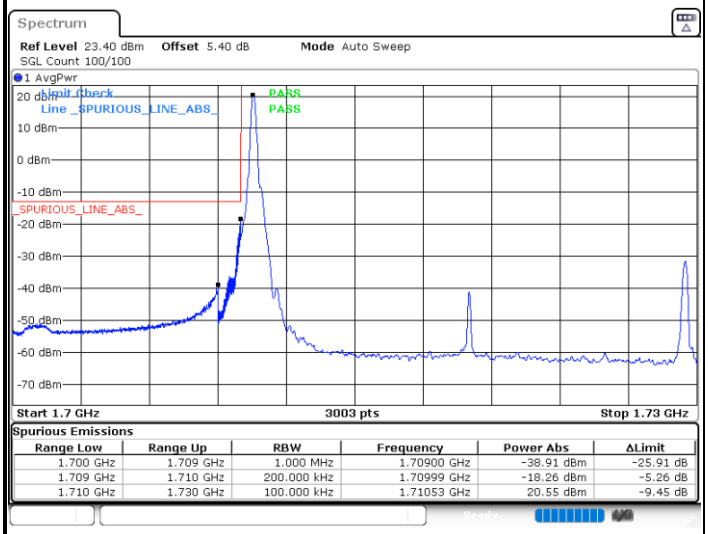
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.775 GHz	1.780 GHz	100.000 kHz	1.77541 GHz	7.89 dBm	-22.11 dB
1.780 GHz	1.781 GHz	50.000 kHz	1.78002 GHz	-26.21 dBm	-13.21 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78115 GHz	-28.99 dBm	-15.99 dB

Date: 8.NOV.2022 02:53:01

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

Lowest Band Edge / 1RB0

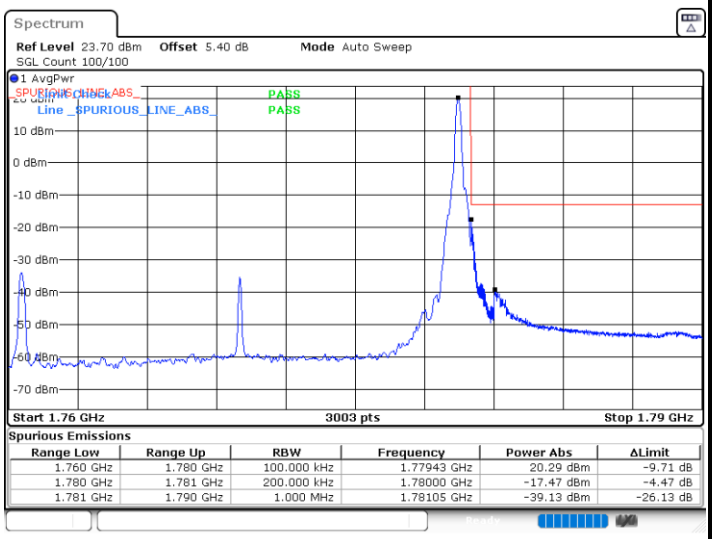


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-38.91 dBm	-25.91 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-18.26 dBm	-5.26 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71053 GHz	20.55 dBm	-9.45 dB

Date: 8.NOV.2022 03:07:49

Highest Band Edge / 1RBmax

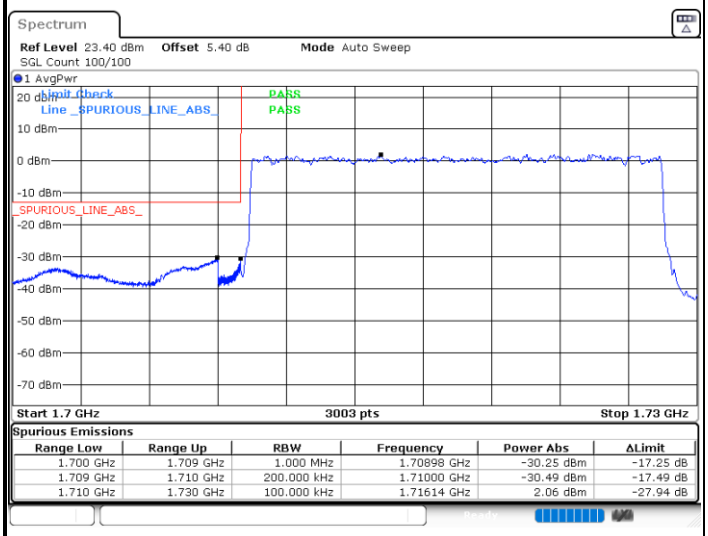


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77943 GHz	20.29 dBm	-9.71 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78000 GHz	-17.47 dBm	-4.47 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78105 GHz	-39.13 dBm	-26.13 dB

Date: 8.NOV.2022 03:31:46

Lowest Band Edge / Full RB

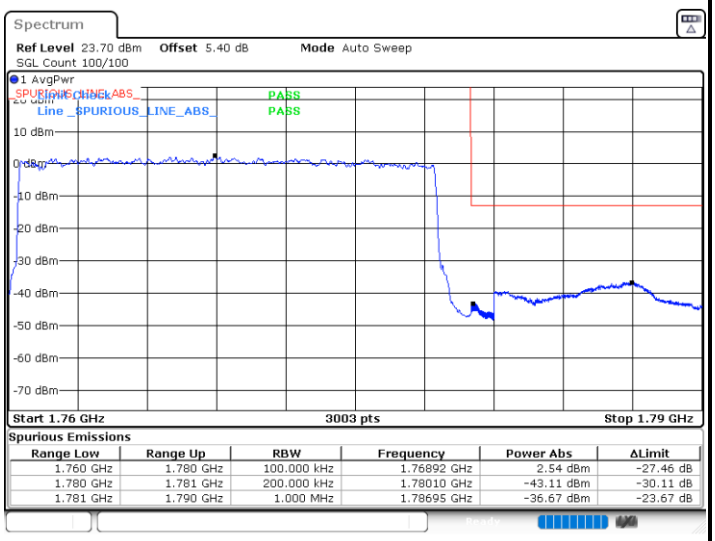


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70898 GHz	-30.25 dBm	-17.25 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-30.49 dBm	-17.49 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71614 GHz	2.06 dBm	-27.94 dB

Date: 8.NOV.2022 03:07:07

Highest Band Edge / Full RB



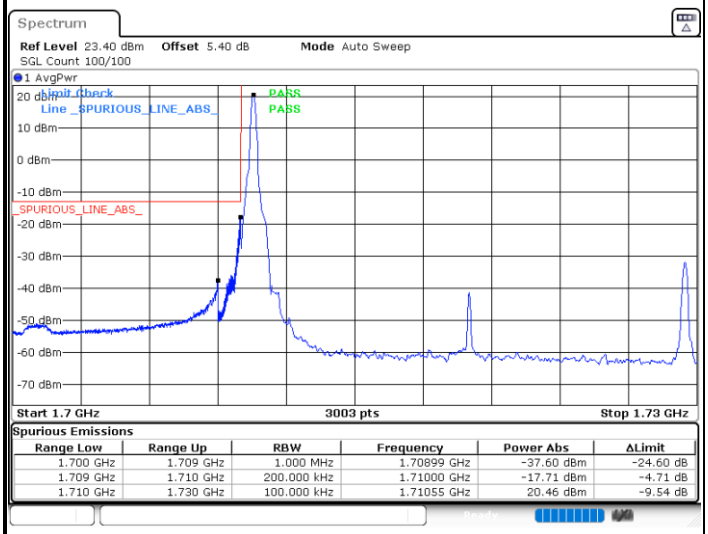
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.76892 GHz	2.54 dBm	-27.46 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78010 GHz	-43.11 dBm	-30.11 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78695 GHz	-36.67 dBm	-23.67 dB

Date: 8.NOV.2022 03:30:45

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

Lowest Band Edge / 1RB0

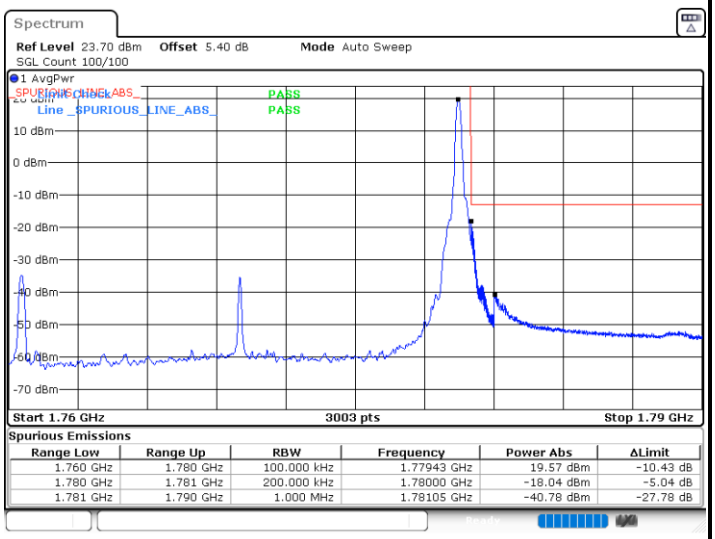


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-37.60 dBm	-24.60 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-17.71 dBm	-4.71 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71055 GHz	20.46 dBm	-9.54 dB

Date: 8.NOV.2022 03:07:38

Highest Band Edge / 1RBmax

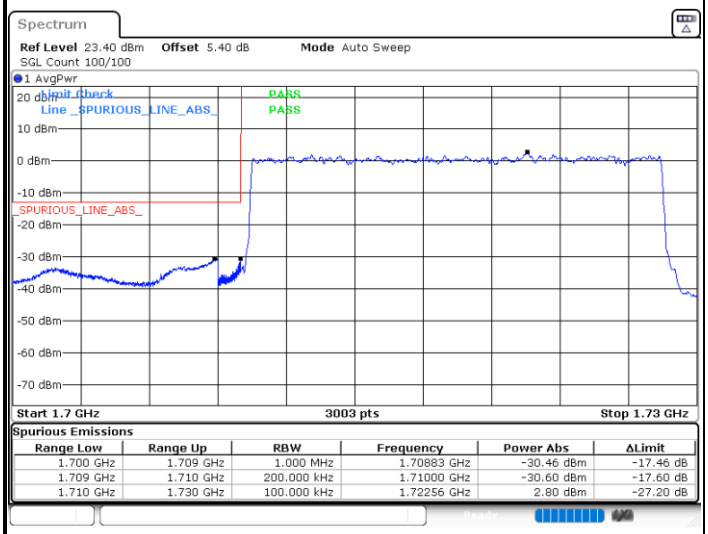


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77943 GHz	19.57 dBm	-10.43 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78000 GHz	-18.04 dBm	-5.04 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78105 GHz	-40.78 dBm	-27.78 dB

Date: 8.NOV.2022 03:31:31

Lowest Band Edge / Full RB

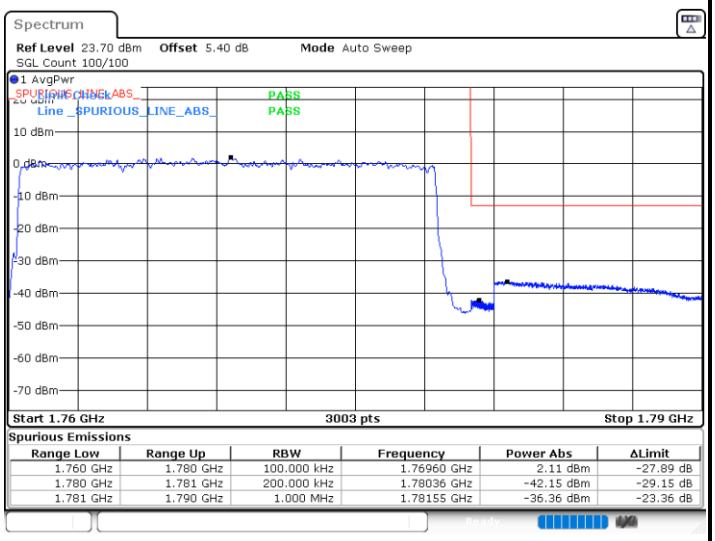


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70883 GHz	-30.46 dBm	-17.46 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-30.60 dBm	-17.60 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72256 GHz	2.80 dBm	-27.20 dB

Date: 8.NOV.2022 03:07:19

Highest Band Edge / Full RB



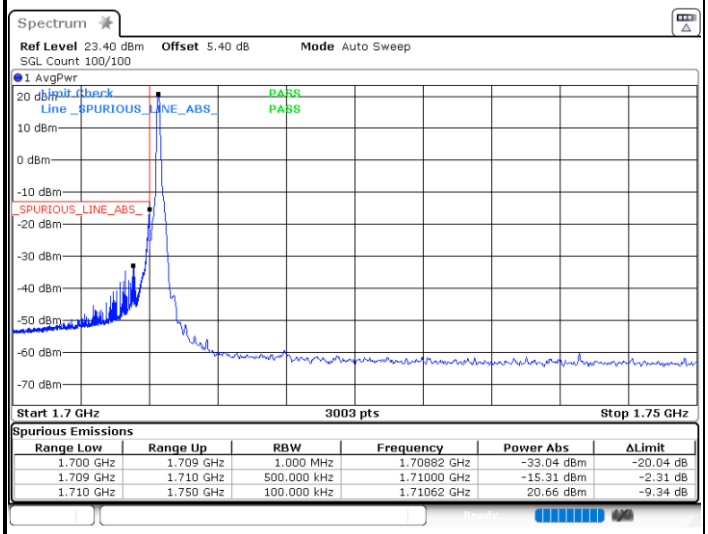
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.76960 GHz	2.11 dBm	-27.89 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78036 GHz	-42.15 dBm	-29.15 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78155 GHz	-36.36 dBm	-23.36 dB

Date: 8.NOV.2022 03:31:03

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

Lowest Band Edge / 1RB0

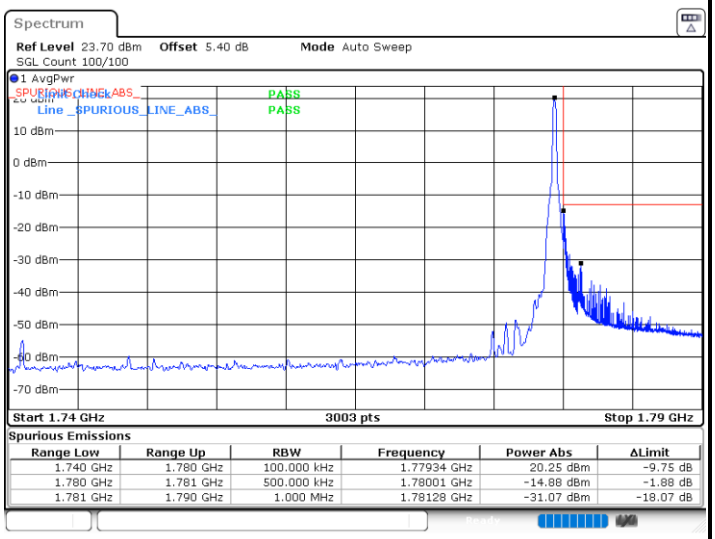


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70882 GHz	-33.04 dBm	-20.04 dB
1.709 GHz	1.710 GHz	500.000 kHz	1.71000 GHz	-15.31 dBm	-2.31 dB
1.710 GHz	1.750 GHz	100.000 kHz	1.71062 GHz	20.66 dBm	-9.34 dB

Date: 8.NOV.2022 03:56:29

Highest Band Edge / 1RBmax

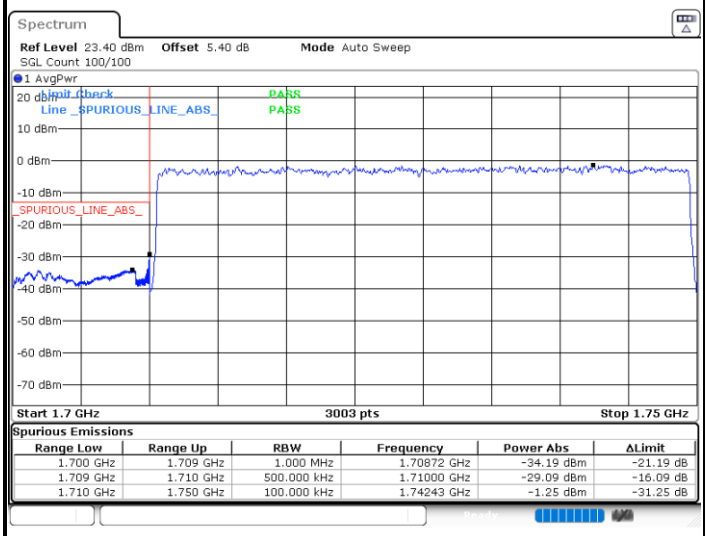


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.780 GHz	100.000 kHz	1.77934 GHz	20.25 dBm	-9.75 dB
1.780 GHz	1.781 GHz	500.000 kHz	1.78001 GHz	-14.88 dBm	-1.88 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78128 GHz	-31.07 dBm	-18.07 dB

Date: 8.NOV.2022 04:00:04

Lowest Band Edge / Full RB

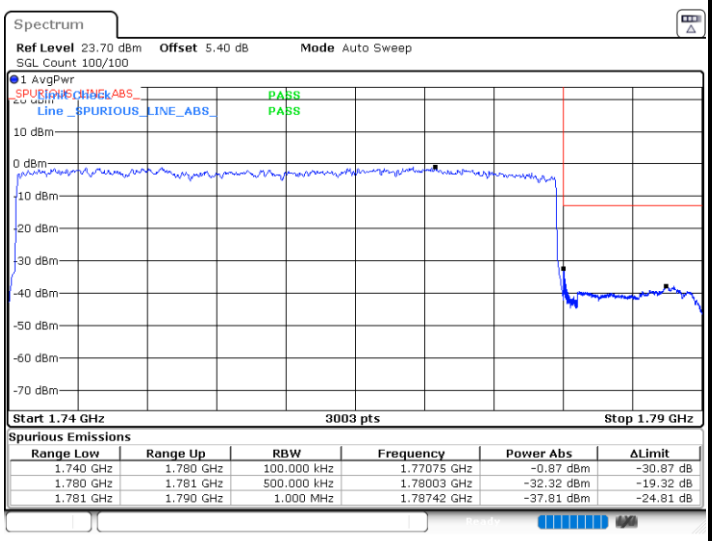


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70872 GHz	-34.19 dBm	-21.19 dB
1.709 GHz	1.710 GHz	500.000 kHz	1.71000 GHz	-29.09 dBm	-16.09 dB
1.710 GHz	1.750 GHz	100.000 kHz	1.74243 GHz	-1.25 dBm	-31.25 dB

Date: 8.NOV.2022 03:58:00

Highest Band Edge / Full RB



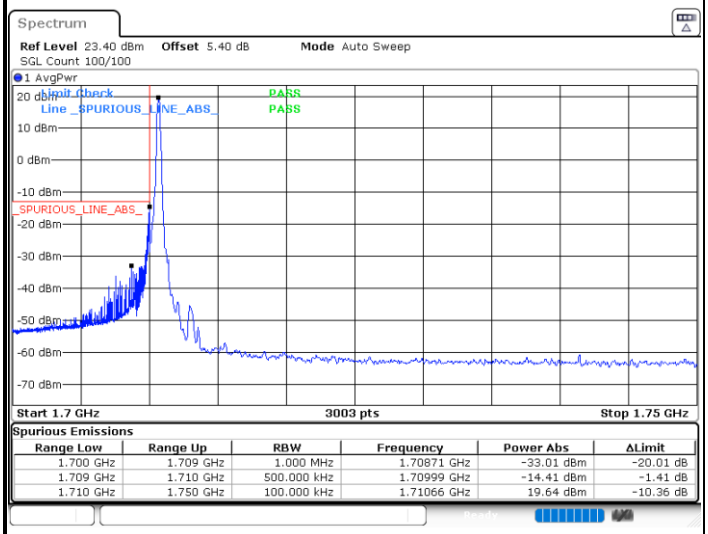
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.780 GHz	100.000 kHz	1.77075 GHz	-0.87 dBm	-30.87 dB
1.780 GHz	1.781 GHz	500.000 kHz	1.78003 GHz	-32.32 dBm	-19.32 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78742 GHz	-37.81 dBm	-24.81 dB

Date: 8.NOV.2022 03:59:09

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

Lowest Band Edge / 1RB0

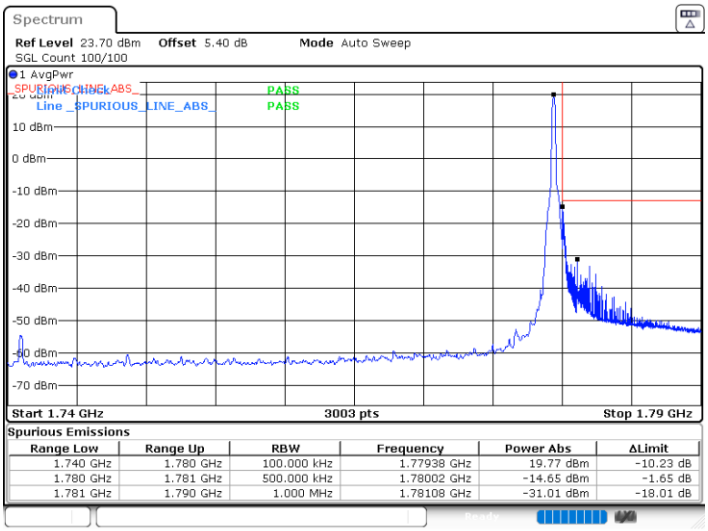


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70871 GHz	-33.01 dBm	-20.01 dB
1.709 GHz	1.710 GHz	500.000 kHz	1.70999 GHz	-14.41 dBm	-1.41 dB
1.710 GHz	1.750 GHz	100.000 kHz	1.71066 GHz	19.64 dBm	-10.36 dB

Date: 8.NOV.2022 03:57:01

Highest Band Edge / 1RBmax

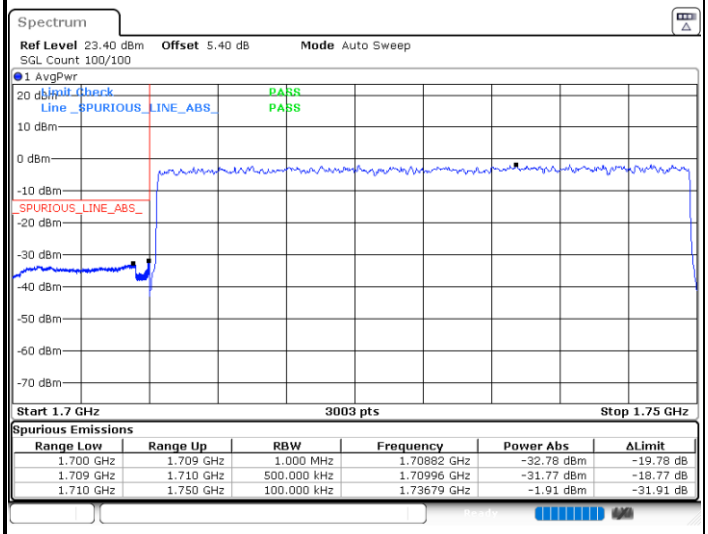


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.780 GHz	100.000 kHz	1.77938 GHz	19.77 dBm	-10.23 dB
1.780 GHz	1.781 GHz	500.000 kHz	1.78002 GHz	-14.65 dBm	-1.65 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78108 GHz	-31.01 dBm	-18.01 dB

Date: 8.NOV.2022 03:59:50

Lowest Band Edge / Full RB

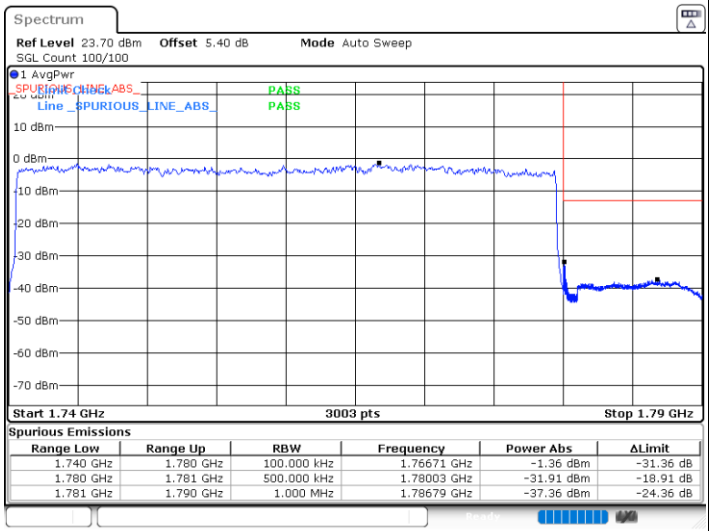


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70882 GHz	-32.78 dBm	-19.78 dB
1.709 GHz	1.710 GHz	500.000 kHz	1.70996 GHz	-31.77 dBm	-18.77 dB
1.710 GHz	1.750 GHz	100.000 kHz	1.73679 GHz	-1.91 dBm	-31.91 dB

Date: 8.NOV.2022 03:57:44

Highest Band Edge / Full RB



Spurious Emissions

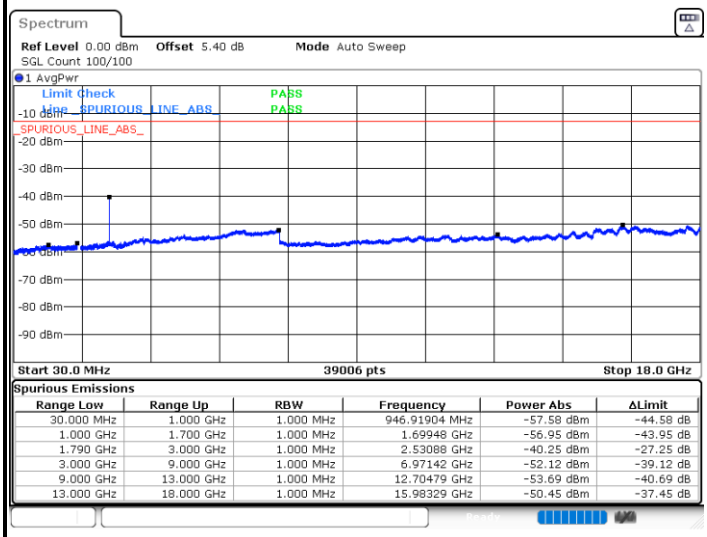
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.780 GHz	100.000 kHz	1.76671 GHz	-1.36 dBm	-31.36 dB
1.780 GHz	1.781 GHz	500.000 kHz	1.78003 GHz	-31.91 dBm	-18.91 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78679 GHz	-37.36 dBm	-24.36 dB

Date: 8.NOV.2022 03:59:25

Conducted Spurious Emission

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

Lowest Channel / 1RB1

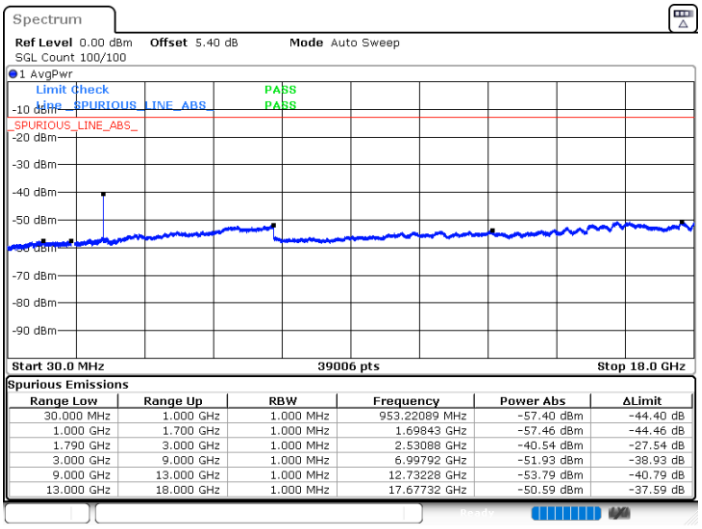


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-57.58 dBm	-44.58 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-56.95 dBm	-43.95 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.53088 GHz	-40.25 dBm	-27.25 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97142 GHz	-52.12 dBm	-39.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70479 GHz	-53.69 dBm	-40.69 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.98329 GHz	-50.45 dBm	-37.45 dB

Date: 8.NOV.2022 02:42:14

Middle Channel / 1RB1

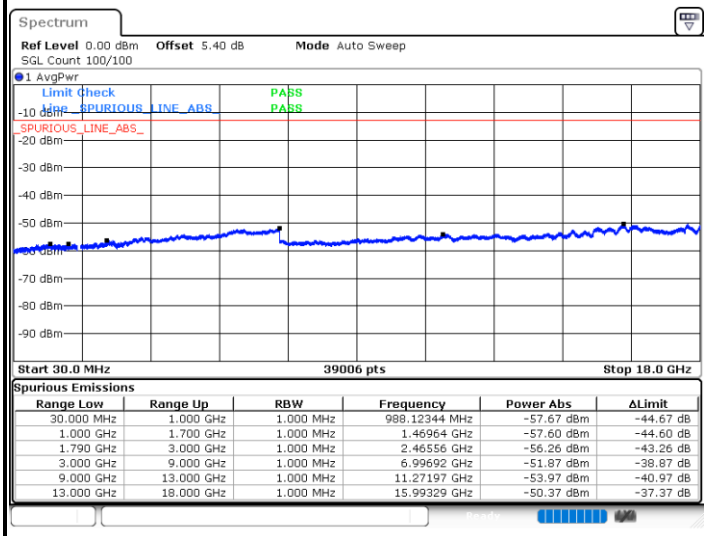


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.22089 MHz	-57.40 dBm	-44.40 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69843 GHz	-57.46 dBm	-44.46 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.53088 GHz	-40.54 dBm	-27.54 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99792 GHz	-51.93 dBm	-38.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.73228 GHz	-53.79 dBm	-40.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.67732 GHz	-50.59 dBm	-37.59 dB

Date: 8.NOV.2022 02:46:01

Highest Channel / 1RB1



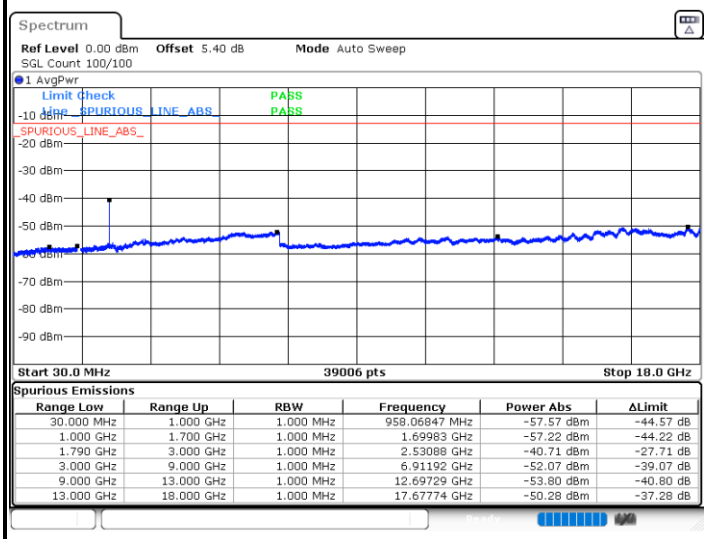
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.12344 MHz	-57.67 dBm	-44.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.46964 GHz	-57.60 dBm	-44.60 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.46556 GHz	-56.26 dBm	-43.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99692 GHz	-51.87 dBm	-38.87 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.27197 GHz	-53.97 dBm	-40.97 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.99329 GHz	-50.37 dBm	-37.37 dB

Date: 13.NOV.2022 13:34:49

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

Lowest Channel / 1RB1

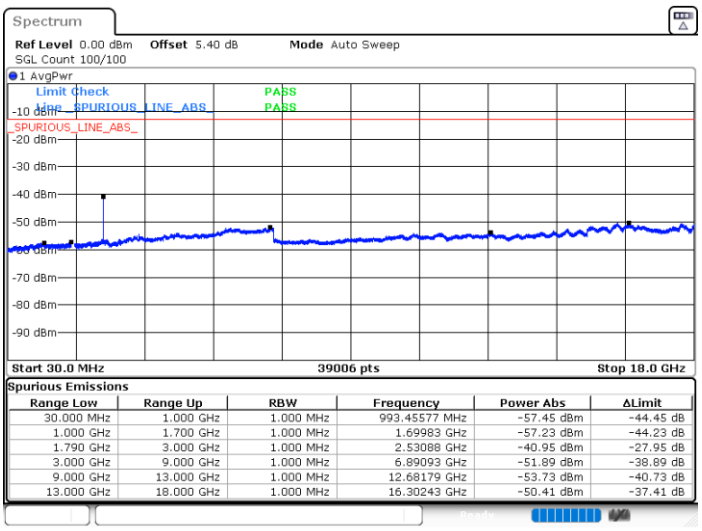


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.06847 MHz	-57.57 dBm	-44.57 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-57.22 dBm	-44.22 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.53088 GHz	-40.71 dBm	-27.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91192 GHz	-52.07 dBm	-39.07 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69729 GHz	-53.80 dBm	-40.80 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.67774 GHz	-50.28 dBm	-37.28 dB

Date: 8.NOV.2022 02:43:48

Middle Channel / 1RB1

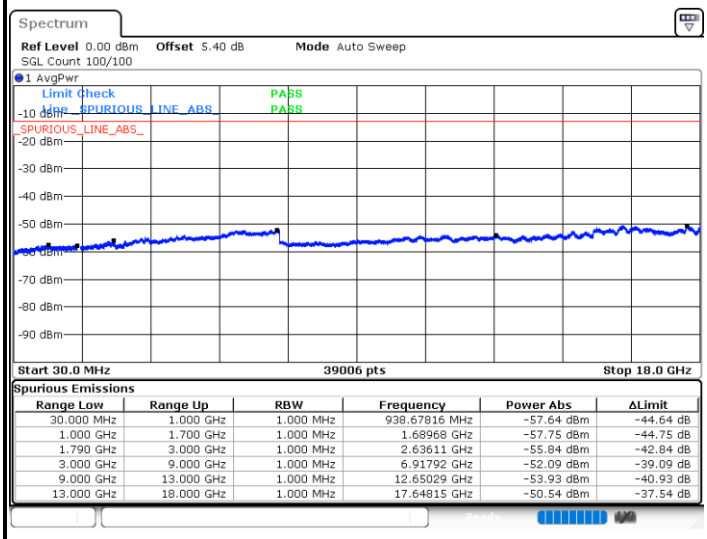


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-57.45 dBm	-44.45 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-57.23 dBm	-44.23 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.53088 GHz	-40.95 dBm	-27.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.89093 GHz	-51.89 dBm	-38.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68179 GHz	-53.73 dBm	-40.73 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.30243 GHz	-50.41 dBm	-37.41 dB

Date: 8.NOV.2022 02:44:59

Highest Channel / 1RB1



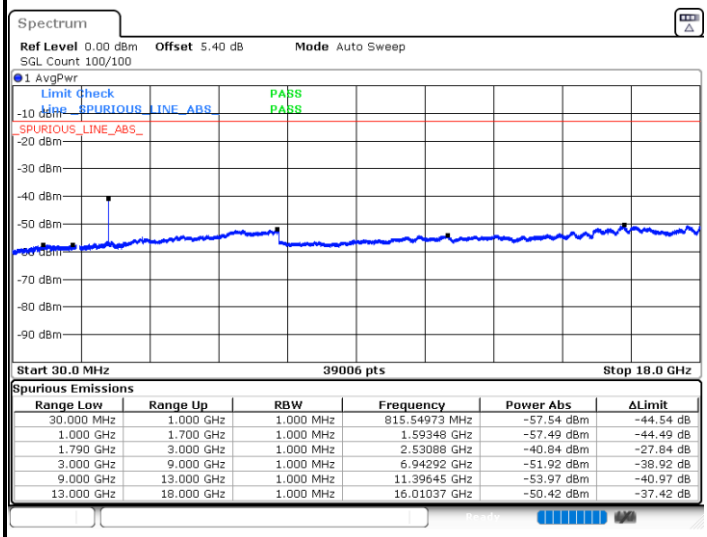
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.67816 MHz	-57.64 dBm	-44.64 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68968 GHz	-57.75 dBm	-44.75 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.63611 GHz	-55.84 dBm	-42.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91792 GHz	-52.09 dBm	-39.09 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65029 GHz	-53.93 dBm	-40.93 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.64815 GHz	-50.54 dBm	-37.54 dB

Date: 13.NOV.2022 13:37:21

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

Lowest Channel / 1RB1

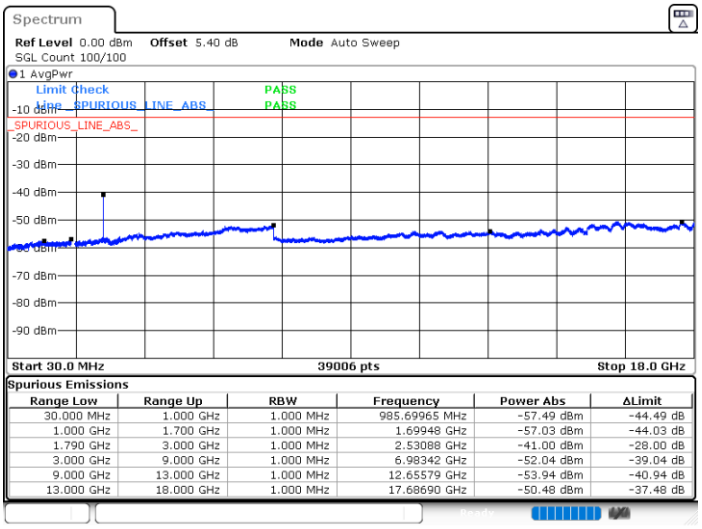


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	815.54973 MHz	-57.54 dBm	-44.54 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.59348 GHz	-57.49 dBm	-44.49 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.53088 GHz	-40.84 dBm	-27.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94292 GHz	-51.92 dBm	-38.92 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.39645 GHz	-53.97 dBm	-40.97 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.01037 GHz	-50.42 dBm	-37.42 dB

Date: 8.NOV.2022 03:26:03

Middle Channel / 1RB1

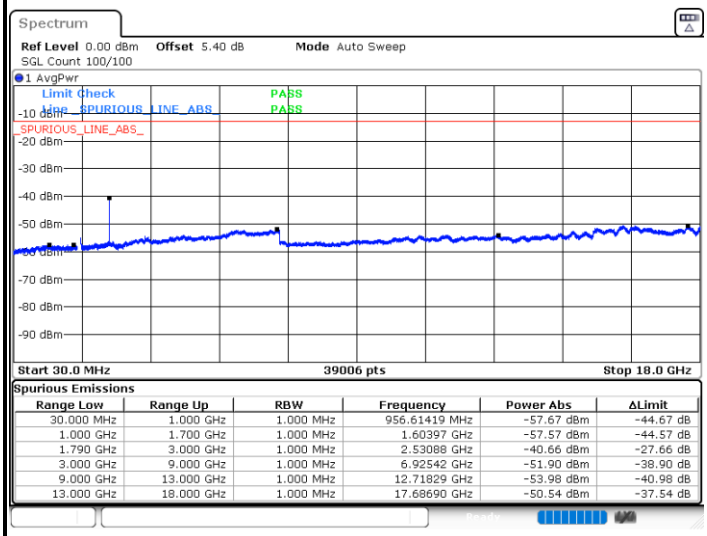


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-57.49 dBm	-44.49 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-57.03 dBm	-44.03 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.53088 GHz	-41.00 dBm	-28.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98342 GHz	-52.04 dBm	-39.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65579 GHz	-53.94 dBm	-40.94 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.68690 GHz	-50.48 dBm	-37.48 dB

Date: 8.NOV.2022 03:29:36

Highest Channel / 1RB1



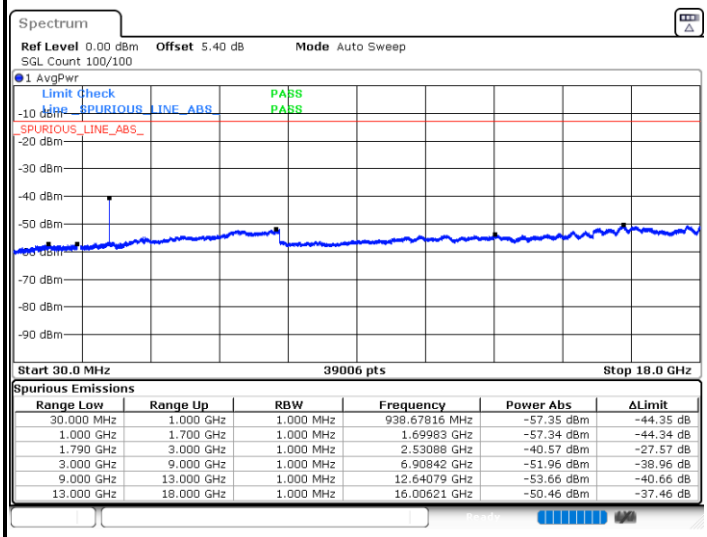
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	956.61419 MHz	-57.67 dBm	-44.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.60397 GHz	-57.57 dBm	-44.57 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.53088 GHz	-40.66 dBm	-27.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92542 GHz	-51.90 dBm	-38.90 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71829 GHz	-53.98 dBm	-40.98 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.68690 GHz	-50.54 dBm	-37.54 dB

Date: 8.NOV.2022 03:32:41

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

Lowest Channel / 1RB1

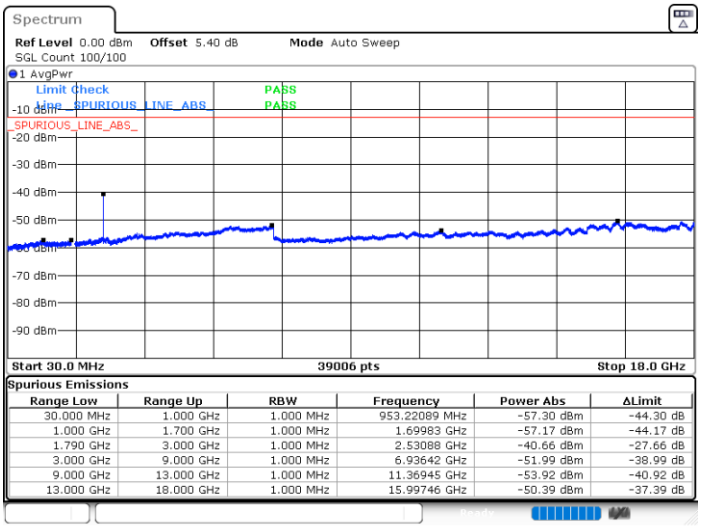


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.67816 MHz	-57.35 dBm	-44.35 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-57.34 dBm	-44.34 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.53088 GHz	-40.57 dBm	-27.57 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.90842 GHz	-51.96 dBm	-38.96 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64079 GHz	-53.66 dBm	-40.66 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.00621 GHz	-50.46 dBm	-37.46 dB

Date: 8.NOV.2022 03:28:04

Middle Channel / 1RB1

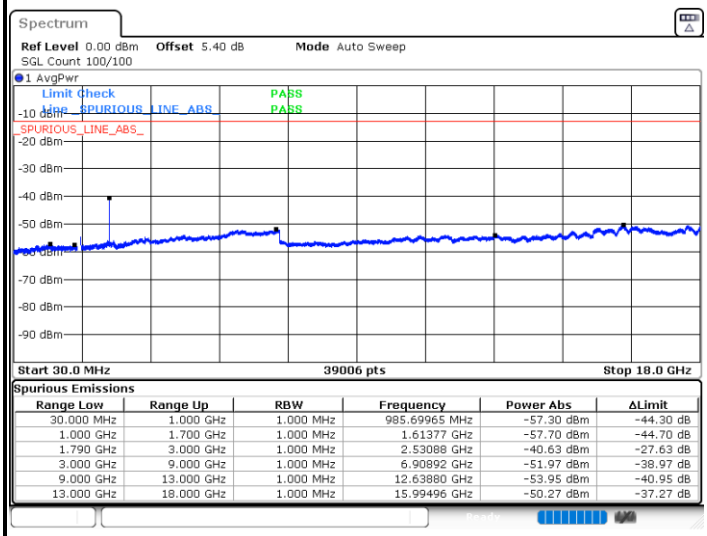


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.22089 MHz	-57.30 dBm	-44.30 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-57.17 dBm	-44.17 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.53088 GHz	-40.66 dBm	-27.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93642 GHz	-51.99 dBm	-38.99 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.36945 GHz	-53.92 dBm	-40.92 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.99746 GHz	-50.39 dBm	-37.39 dB

Date: 8.NOV.2022 03:28:52

Highest Channel / 1RB1



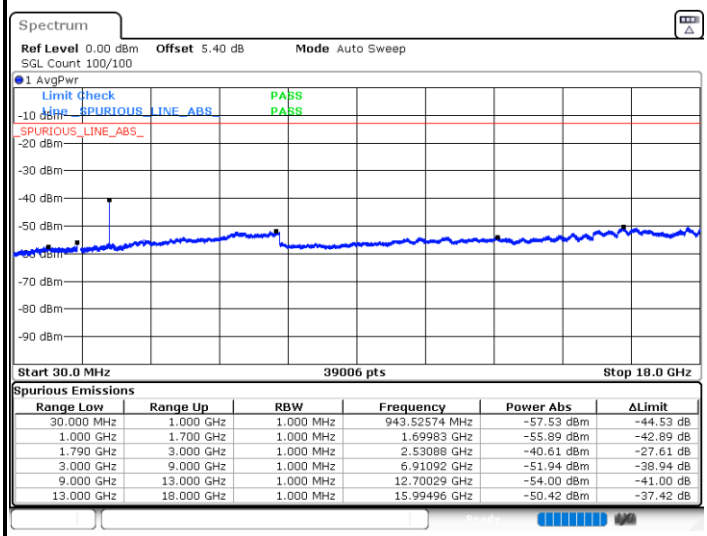
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-57.30 dBm	-44.30 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61377 GHz	-57.70 dBm	-44.70 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.53088 GHz	-40.63 dBm	-27.63 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.90892 GHz	-51.97 dBm	-38.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.63880 GHz	-53.95 dBm	-40.95 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.99496 GHz	-50.27 dBm	-37.27 dB

Date: 8.NOV.2022 03:35:29

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

Lowest Channel / 1RB1

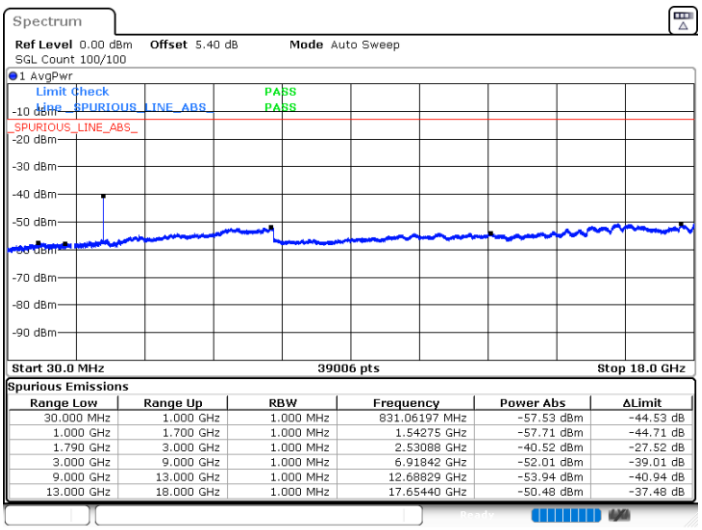


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.52574 MHz	-57.53 dBm	-44.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-55.89 dBm	-42.89 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.53088 GHz	-40.61 dBm	-27.61 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91092 GHz	-51.94 dBm	-38.94 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70029 GHz	-54.00 dBm	-41.00 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.99496 GHz	-50.42 dBm	-37.42 dB

Date: 8.NOV.2022 03:54:21

Middle Channel / 1RB1

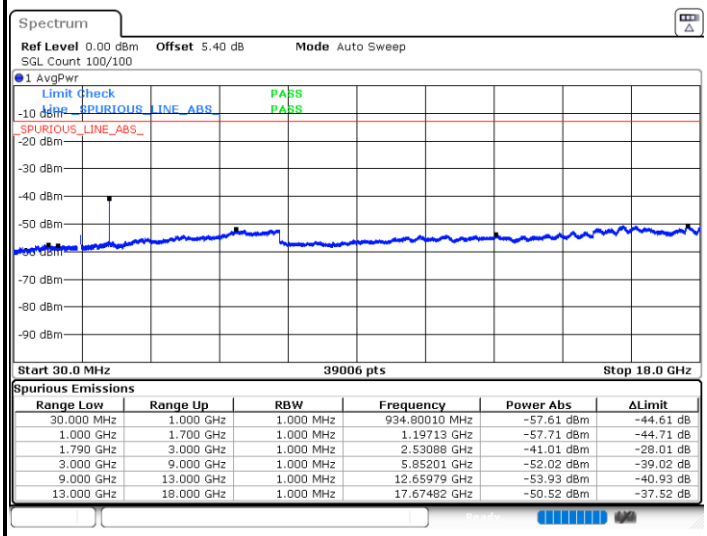


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	831.06197 MHz	-57.53 dBm	-44.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.54275 GHz	-57.71 dBm	-44.71 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.53088 GHz	-40.52 dBm	-27.52 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91842 GHz	-52.01 dBm	-39.01 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68829 GHz	-53.94 dBm	-40.94 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.65440 GHz	-50.48 dBm	-37.48 dB

Date: 8.NOV.2022 03:48:07

Highest Channel / 1RB1



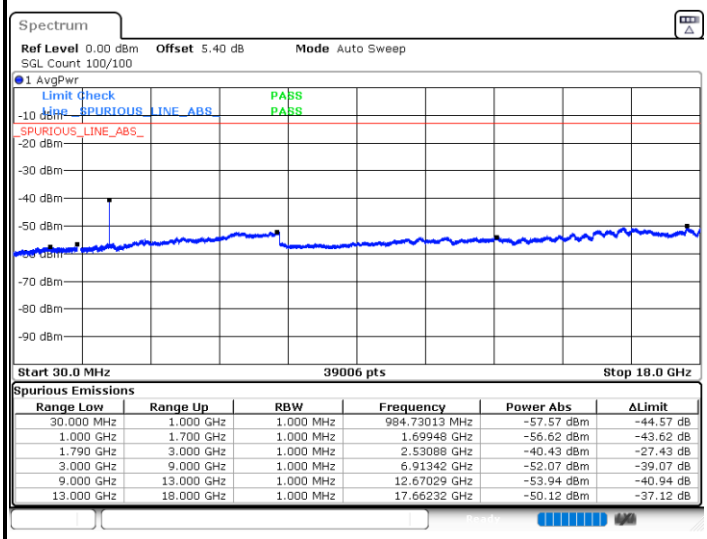
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	934.80010 MHz	-57.61 dBm	-44.61 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.19713 GHz	-57.71 dBm	-44.71 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.53088 GHz	-41.01 dBm	-28.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.85201 GHz	-52.02 dBm	-39.02 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65979 GHz	-53.93 dBm	-40.93 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.67482 GHz	-50.52 dBm	-37.52 dB

Date: 8.NOV.2022 04:00:45

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

Lowest Channel / 1RB1

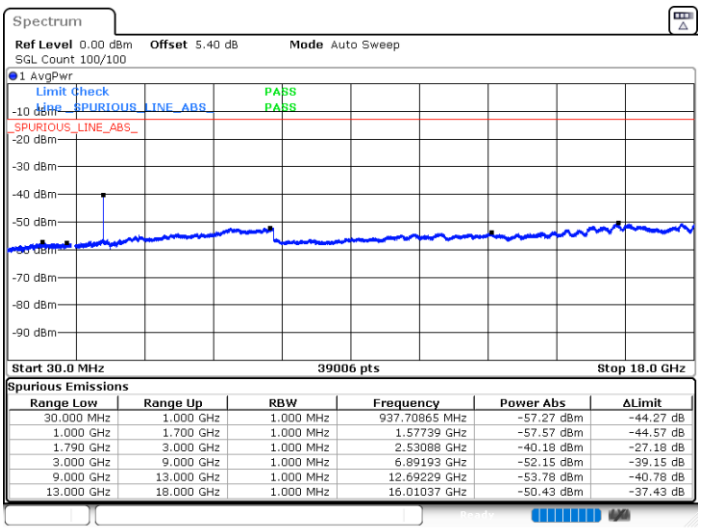


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.73013 MHz	-57.57 dBm	-44.57 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-56.62 dBm	-43.62 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.53088 GHz	-40.43 dBm	-27.43 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91342 GHz	-52.07 dBm	-39.07 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67029 GHz	-53.94 dBm	-40.94 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.66232 GHz	-50.12 dBm	-37.12 dB

Date: 8.NOV.2022 03:53:35

Middle Channel / 1RB1

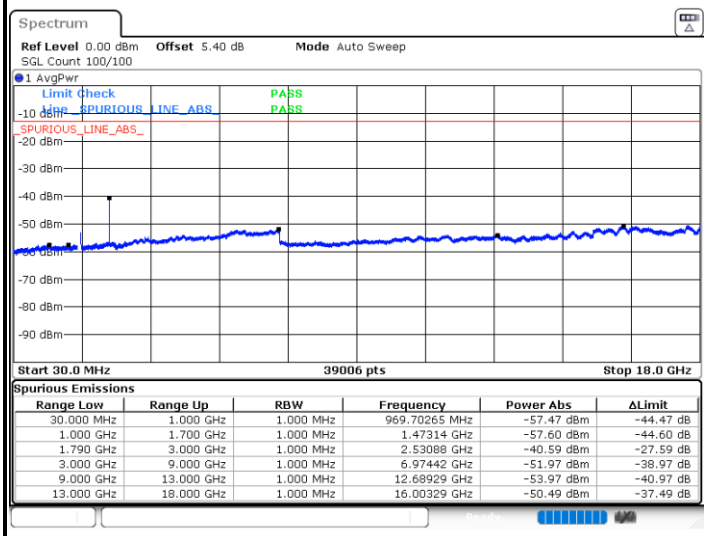


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	937.70865 MHz	-57.27 dBm	-44.27 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.57739 GHz	-57.57 dBm	-44.57 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.53088 GHz	-40.18 dBm	-27.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.89193 GHz	-52.15 dBm	-39.15 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69229 GHz	-53.78 dBm	-40.78 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.01037 GHz	-50.43 dBm	-37.43 dB

Date: 8.NOV.2022 03:50:02

Highest Channel / 1RB1



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.70265 MHz	-57.47 dBm	-44.47 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.47314 GHz	-57.60 dBm	-44.60 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.53088 GHz	-40.59 dBm	-27.59 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97442 GHz	-51.97 dBm	-38.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68929 GHz	-53.97 dBm	-40.97 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.00329 GHz	-50.49 dBm	-37.49 dB

Date: 8.NOV.2022 04:01:23

Frequency Stability

Test Conditions		FR1 n66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 40MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0028	
-20	Normal Voltage	0.0041	
-30	Normal Voltage	0.0033	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

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.

EN-DC_7A_n2A / LTE 20MHz + NR 20MHz / QPSK / ANT0(LTE) & ANT1(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)
NR n2 LTE Band7 Middle	3741	-57.00	-13	-44.00	-69.26	2.64	14.90	H
	5613	-52.67	-13	-39.67	-64.53	2.94	14.80	H
	7488	-50.80	-13	-37.80	-60.57	3.39	13.16	H
	3741	-55.32	-13	-42.32	-67.58	2.64	14.90	V
	5613	-50.43	-13	-37.43	-62.29	2.94	14.80	V
	7488	-50.57	-13	-37.57	-60.34	3.39	13.16	V

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

EN-DC_7A_n5A / LTE 20MHz + NR 20MHz / QPSK / ANT0(LTE) & ANT1(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)
NR n5 LTE Band7 Middle	1656	-63.27	-13	-50.27	-70.24	1.58	10.70	H
	2480	-58.58	-13	-45.58	-66.83	2.102	12.50	H
	3312	-58.91	-13	-45.91	-67.80	2.856	13.90	H
	1656	-63.18	-13	-50.18	-70.15	1.58	10.70	V
	2480	-58.22	-13	-45.22	-66.47	2.10	12.50	V
	3312	-57.62	-13	-44.62	-66.51	2.86	13.90	V

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

SA n7 / NR 40MHz / QPSK / ANT1								
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	5034	-68.07	-25	-43.07	-78.28	3.03	13.24	H
	7552	-63.83	-25	-38.83	-73.28	3.56	13.01	H
	10070	-62.11	-25	-37.11	-71.63	3.92	13.44	H
	5032	-68.13	-25	-43.13	-78.34	3.03	13.24	V
	7551	-64.00	-25	-39.00	-73.45	3.56	13.01	V
	10070	-61.84	-25	-36.84	-71.36	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 40MHz / QPSK / ANT0(LTE) & ANT1(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)
NR n7 LTE Band66 Middle	5032	-53.28	-25	-28.28	-63.49	3.03	13.24	H
	7548	-49.27	-25	-24.27	-58.72	3.56	13.01	H
	10070	-62.11	-25	-37.11	-71.63	3.92	13.44	H
	5032	-57.92	-25	-32.92	-68.13	3.03	13.24	V
	7548	-47.52	-25	-22.52	-56.97	3.56	13.01	V
	10070	-62.37	-25	-37.37	-71.89	3.92	13.44	V

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

SA n41 / NR 100MHz / QPSK / ANT1								
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	-68.29	-25	-43.29	-78.50	3.03	13.24	H
	7632	-59.36	-25	-34.36	-68.81	3.56	13.01	H
	10190	-61.37	-25	-36.37	-70.89	3.92	13.44	H
	5096	-68.39	-25	-43.39	-78.60	3.03	13.24	V
	7644	-63.76	-25	-38.76	-73.21	3.56	13.01	V
	10190	-62.04	-25	-37.04	-71.56	3.92	13.44	V

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

SA n66 / NR 40MHz / QPSK / ANT0								
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	3454	-59.06	-13	-46.06	-69.80	2.604	13.34	H
	5181	-56.25	-13	-43.25	-66.76	3.011	13.52	H
	6908	-55.38	-13	-42.38	-65.58	3.271	13.47	H
	3454	-59.52	-13	-46.52	-70.26	2.604	13.34	V
	5181	-56.42	-13	-43.42	-66.93	3.011	13.52	V
	6908	-55.18	-13	-42.18	-65.38	3.271	13.47	V

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

EN-DC_7A_n66A / LTE 20MHz + NR 40MHz / QPSK / ANT0(LTE) & ANT1(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)
NR n66 LTE Band7 Middle	3453	-58.12	-13	-45.12	-68.86	2.604	13.34	H
	5181	-56.04	-13	-43.04	-66.55	3.011	13.52	H
	6912	-54.82	-13	-41.82	-65.02	3.271	13.47	H
	3454	-57.37	-13	-44.37	-68.11	2.604	13.34	V
	5181	-56.22	-13	-43.22	-66.73	3.011	13.52	V
	6912	-54.77	-13	-41.77	-64.97	3.271	13.47	V

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