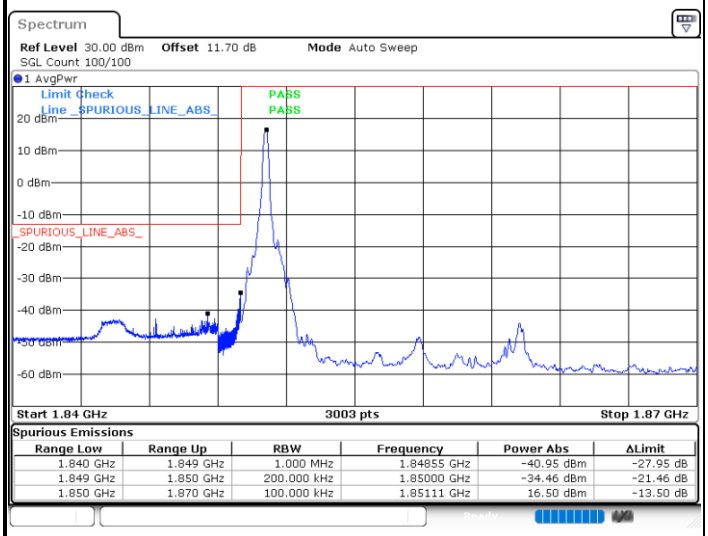
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB

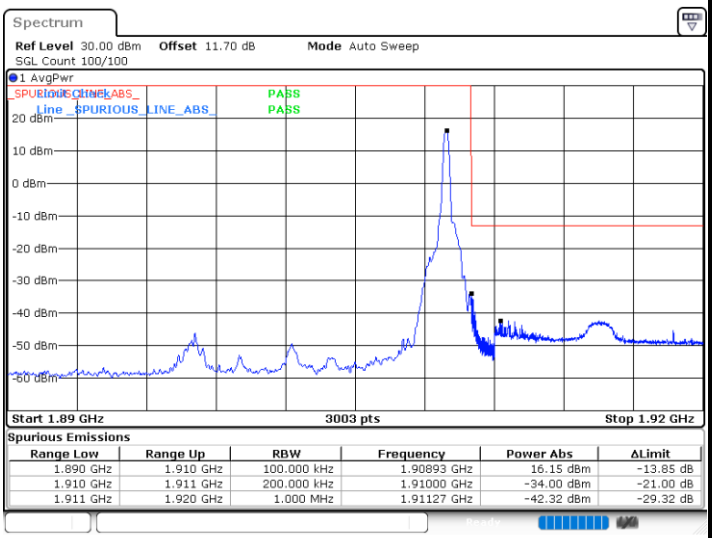


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84855 GHz	-40.95 dBm	-27.95 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.85000 GHz	-34.46 dBm	-21.46 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85111 GHz	16.50 dBm	-13.50 dB

Date: 6.APR.2021 23:26:23

Highest Band Edge / 1 RB

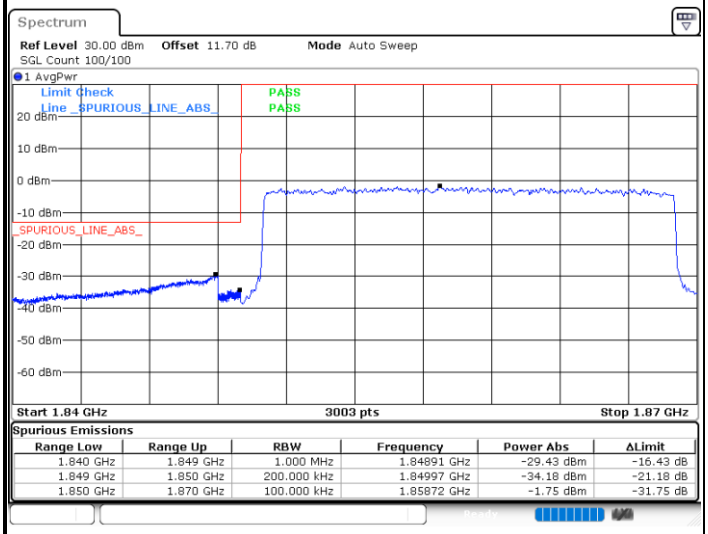


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.90893 GHz	16.15 dBm	-13.85 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91000 GHz	-34.00 dBm	-21.00 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91127 GHz	-42.32 dBm	-29.32 dB

Date: 6.APR.2021 23:33:30

Lowest Band Edge / Full RB

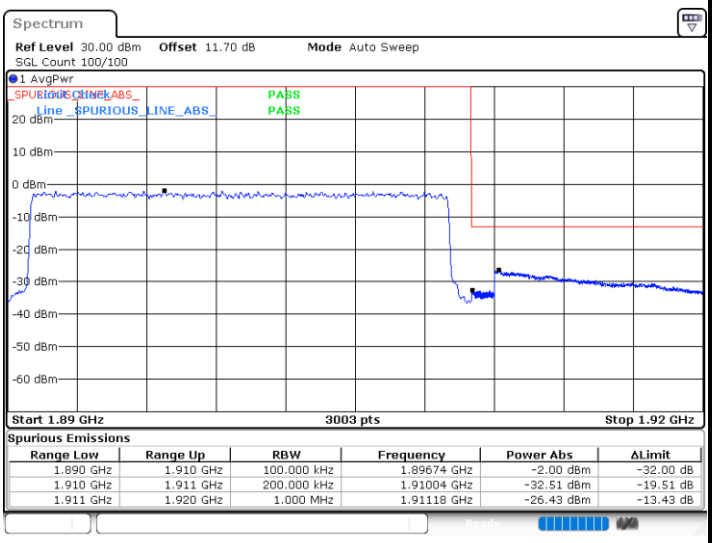


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84891 GHz	-29.43 dBm	-16.43 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84997 GHz	-34.18 dBm	-21.18 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85872 GHz	-1.75 dBm	-31.75 dB

Date: 6.APR.2021 23:28:10

Highest Band Edge / Full RB



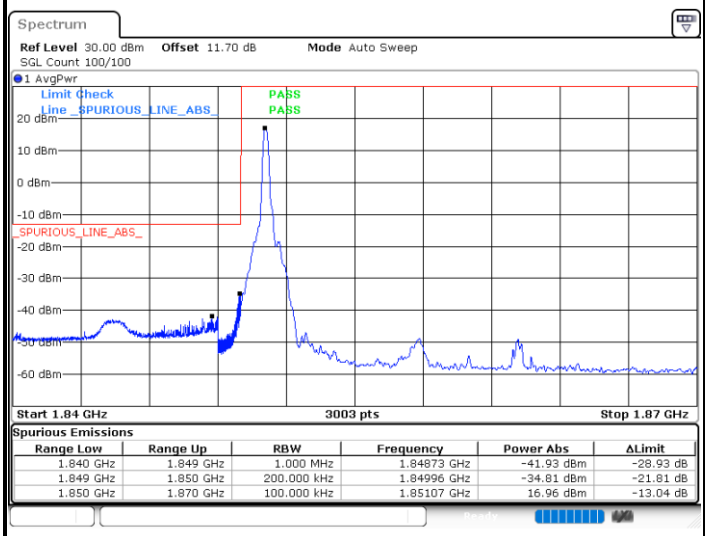
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.89674 GHz	-2.00 dBm	-32.00 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91004 GHz	-32.51 dBm	-19.51 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91118 GHz	-26.43 dBm	-13.43 dB

Date: 6.APR.2021 23:35:16

LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

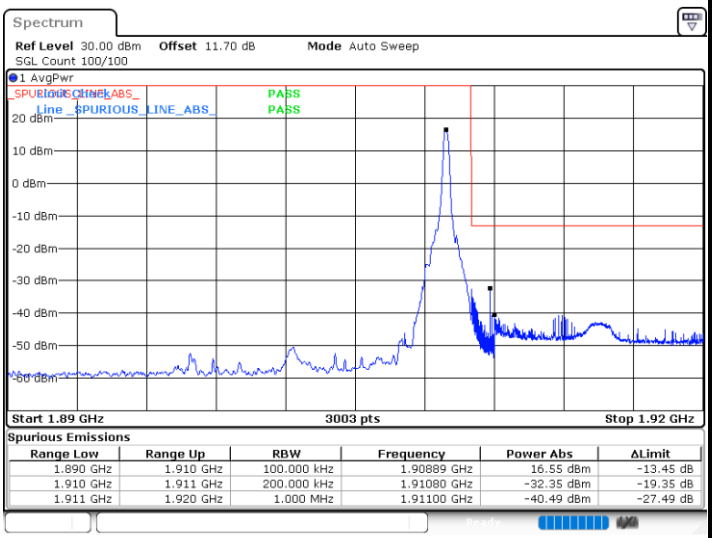


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84873 GHz	-41.93 dBm	-28.93 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84996 GHz	-34.81 dBm	-21.81 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85107 GHz	16.96 dBm	-13.04 dB

Date: 6.APR.2021 23:27:16

Highest Band Edge / 1 RB

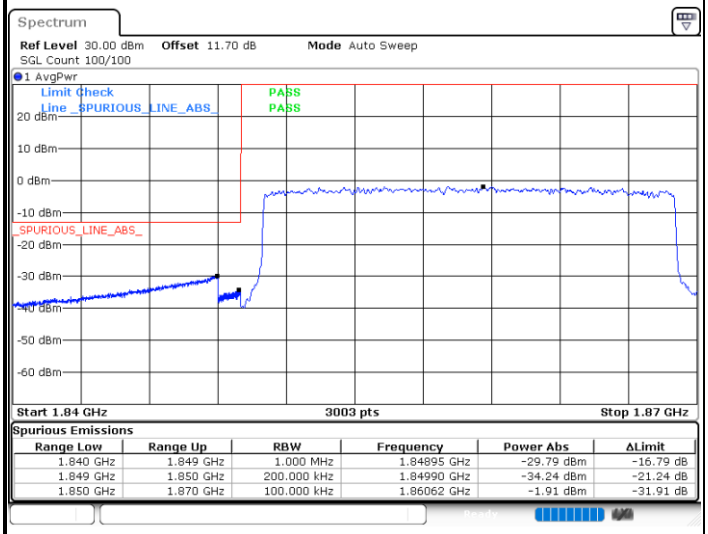


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.90889 GHz	16.55 dBm	-13.45 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91080 GHz	-32.35 dBm	-19.35 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91100 GHz	-40.49 dBm	-27.49 dB

Date: 6.APR.2021 23:34:23

Lowest Band Edge / Full RB

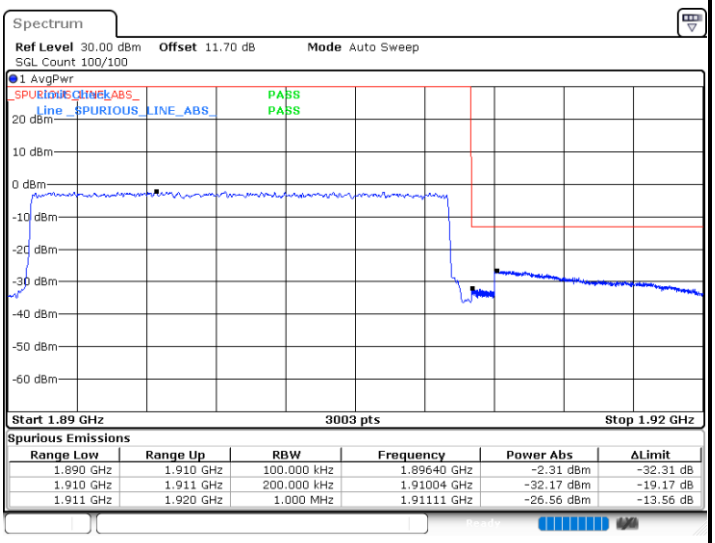


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84895 GHz	-29.79 dBm	-16.79 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84990 GHz	-34.24 dBm	-21.24 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.86062 GHz	-1.91 dBm	-31.91 dB

Date: 6.APR.2021 23:29:03

Highest Band Edge / Full RB



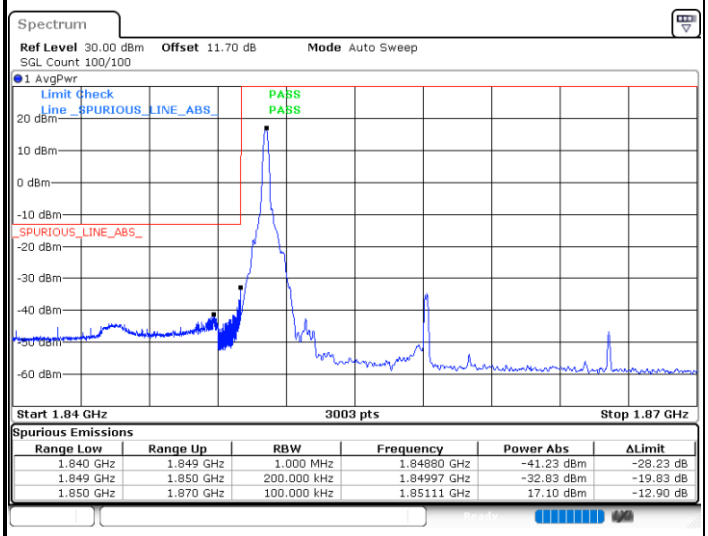
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.89640 GHz	-2.31 dBm	-32.31 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91004 GHz	-32.17 dBm	-19.17 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91111 GHz	-26.56 dBm	-13.56 dB

Date: 6.APR.2021 23:36:46

LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

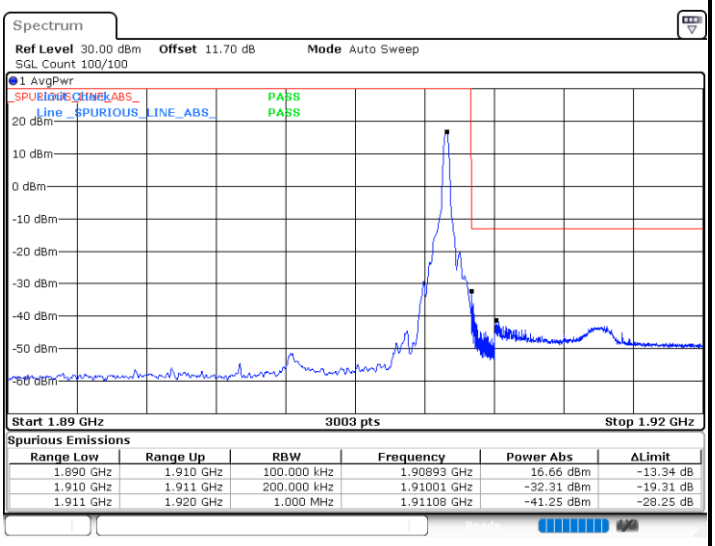


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84880 GHz	-41.23 dBm	-28.23 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84997 GHz	-32.83 dBm	-19.83 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85111 GHz	17.10 dBm	-12.90 dB

Date: 6.APR.2021 23:56:07

Highest Band Edge / 1 RB

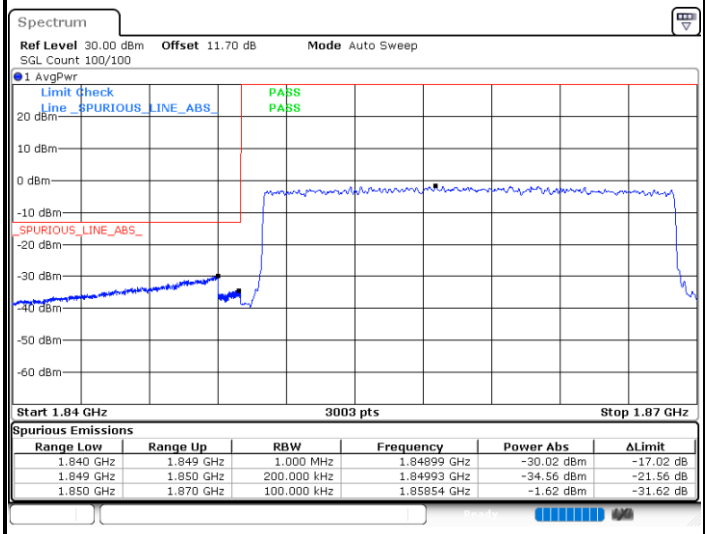


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.90893 GHz	16.66 dBm	-13.34 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91001 GHz	-32.31 dBm	-19.31 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91108 GHz	-41.25 dBm	-28.25 dB

Date: 6.APR.2021 23:58:33

Lowest Band Edge / Full RB

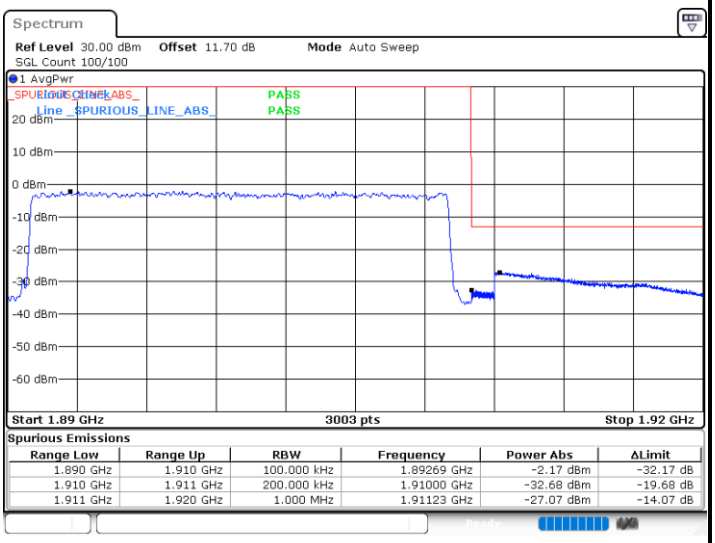


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-30.02 dBm	-17.02 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84993 GHz	-34.56 dBm	-21.56 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85854 GHz	-1.62 dBm	-31.62 dB

Date: 6.APR.2021 23:57:00

Highest Band Edge / Full RB



Spurious Emissions

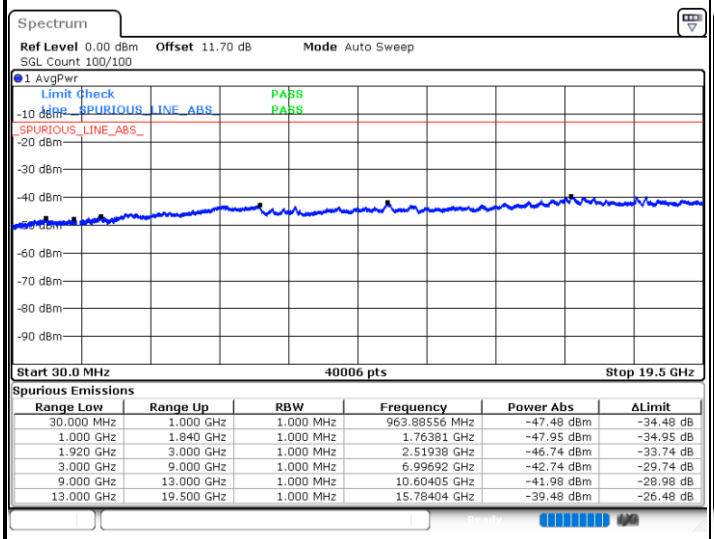
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.89269 GHz	-2.17 dBm	-32.17 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91000 GHz	-32.68 dBm	-19.68 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91123 GHz	-27.07 dBm	-14.07 dB

Date: 6.APR.2021 23:59:26

Conducted Spurious Emission

LTE Band 2 / 1.4MHz

Lowest Channel / QPSK

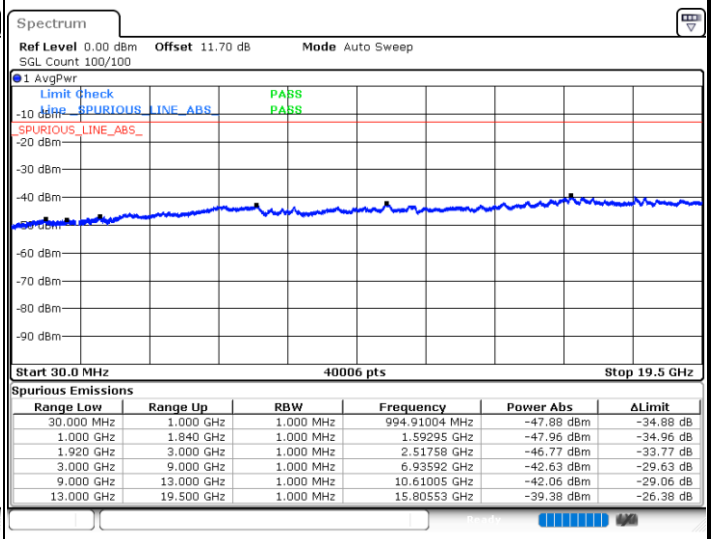


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.88556 MHz	-47.48 dBm	-34.48 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.76381 GHz	-47.95 dBm	-34.95 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.51938 GHz	-46.74 dBm	-33.74 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99692 GHz	-42.74 dBm	-29.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60405 GHz	-41.98 dBm	-28.98 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.78404 GHz	-39.48 dBm	-26.48 dB

Date: 6.APR.2021 22:31:47

Middle Channel / QPSK

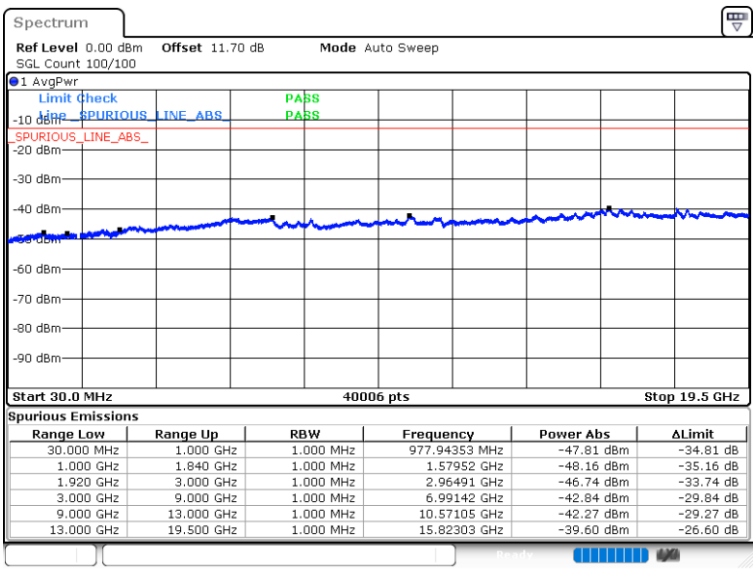


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-47.88 dBm	-34.88 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.59295 GHz	-47.96 dBm	-34.96 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.51758 GHz	-46.77 dBm	-33.77 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93592 GHz	-42.63 dBm	-29.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.61005 GHz	-42.06 dBm	-29.06 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.80553 GHz	-39.38 dBm	-26.38 dB

Date: 6.APR.2021 22:34:22

Highest Channel / QPSK



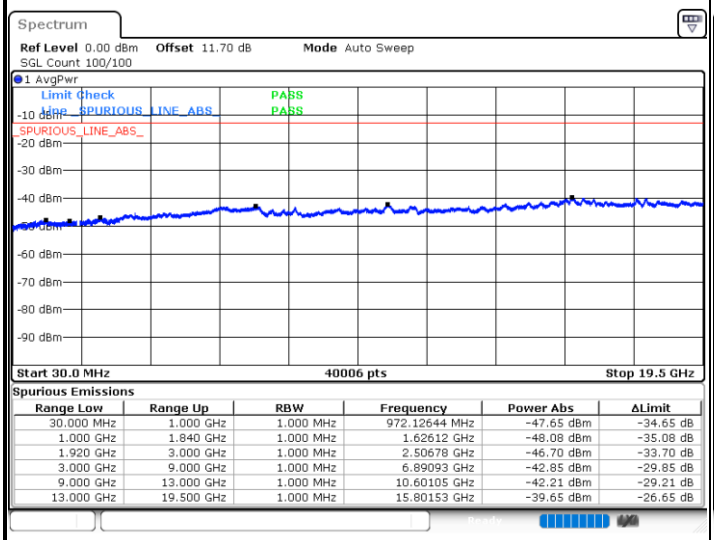
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.94353 MHz	-47.81 dBm	-34.81 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.57952 GHz	-48.16 dBm	-35.16 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96491 GHz	-46.74 dBm	-33.74 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99142 GHz	-42.84 dBm	-29.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57105 GHz	-42.27 dBm	-29.27 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.82303 GHz	-39.60 dBm	-26.60 dB

Date: 6.APR.2021 22:38:53

LTE Band 2 / 3MHz

Lowest Channel / QPSK

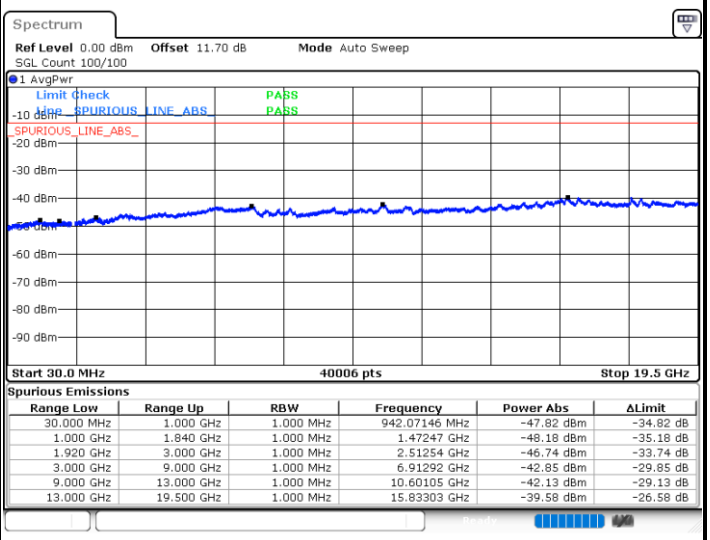


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-47.65 dBm	-34.65 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62612 GHz	-48.08 dBm	-35.08 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.50678 GHz	-46.70 dBm	-33.70 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.89093 GHz	-42.85 dBm	-29.85 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60105 GHz	-42.21 dBm	-29.21 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.80153 GHz	-39.65 dBm	-26.65 dB

Date: 6.APR.2021 22:43:26

Middle Channel / QPSK

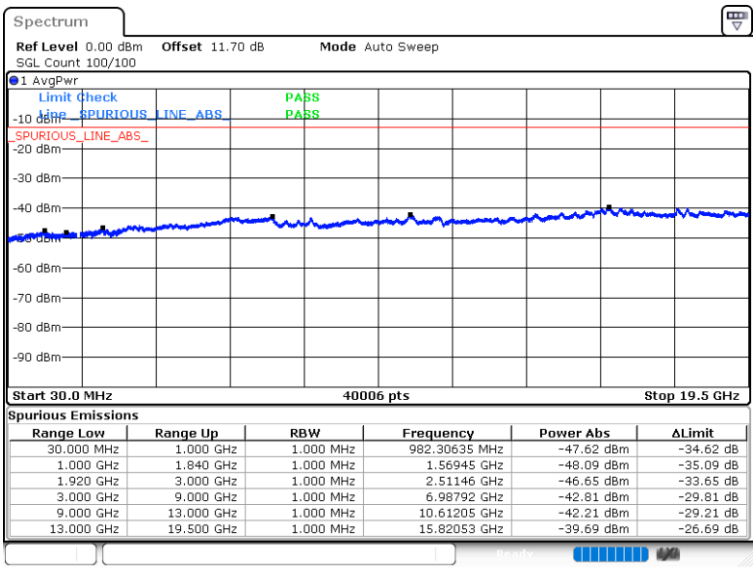


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.07146 MHz	-47.82 dBm	-34.82 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.47247 GHz	-48.18 dBm	-35.18 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.51254 GHz	-46.74 dBm	-33.74 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91292 GHz	-42.85 dBm	-29.85 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60105 GHz	-42.13 dBm	-29.13 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.83303 GHz	-39.58 dBm	-26.58 dB

Date: 6.APR.2021 22:46:01

Highest Channel / QPSK



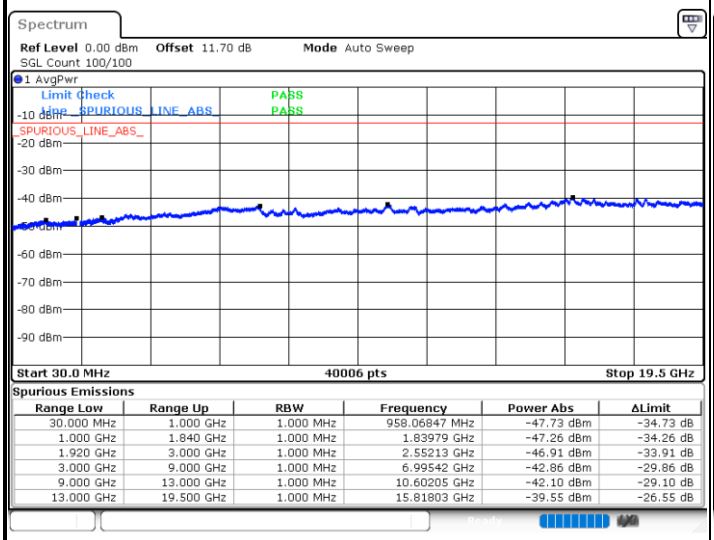
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.30635 MHz	-47.62 dBm	-34.62 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.56945 GHz	-48.09 dBm	-35.09 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.51146 GHz	-46.65 dBm	-33.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98792 GHz	-42.81 dBm	-29.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.61205 GHz	-42.21 dBm	-29.21 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.82053 GHz	-39.69 dBm	-26.69 dB

Date: 6.APR.2021 22:50:32

LTE Band 2 / 5MHz

Lowest Channel / QPSK

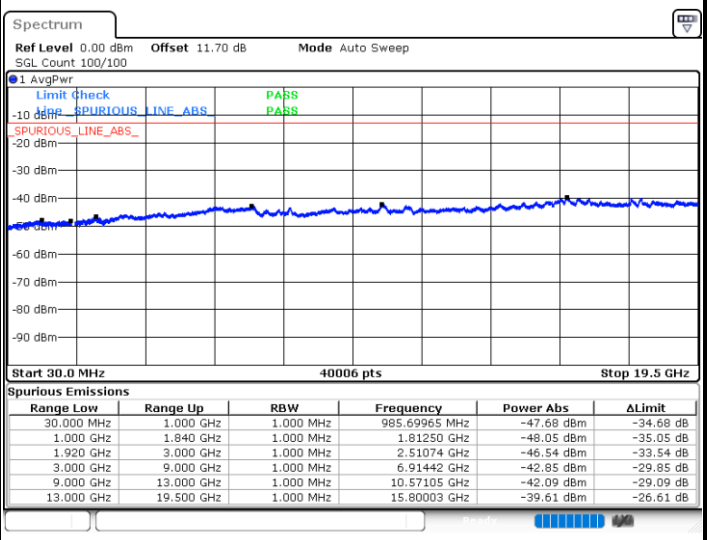


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.06847 MHz	-47.73 dBm	-34.73 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-47.26 dBm	-34.26 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.55213 GHz	-46.91 dBm	-33.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99542 GHz	-42.86 dBm	-29.86 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60205 GHz	-42.10 dBm	-29.10 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.81803 GHz	-39.55 dBm	-26.55 dB

Date: 6.APR.2021 22:55:04

Middle Channel / QPSK

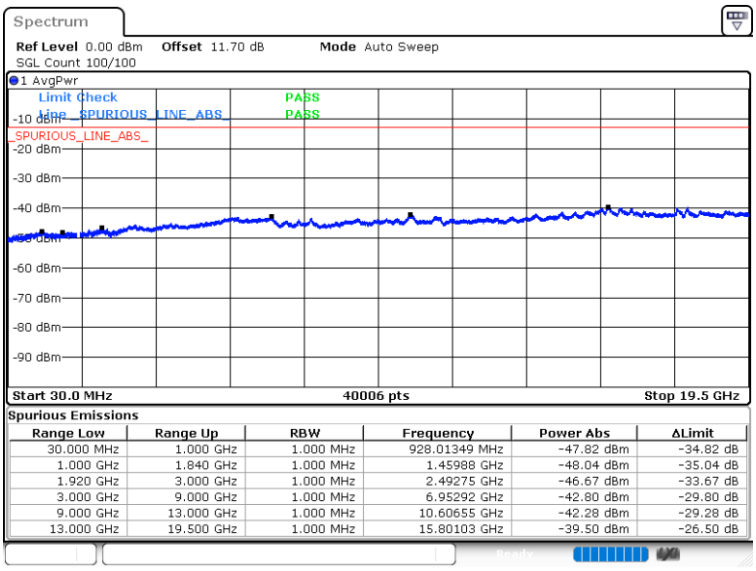


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-47.68 dBm	-34.68 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81250 GHz	-48.05 dBm	-35.05 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.51074 GHz	-46.54 dBm	-33.54 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91442 GHz	-42.85 dBm	-29.85 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57105 GHz	-42.09 dBm	-29.09 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.80003 GHz	-39.61 dBm	-26.61 dB

Date: 6.APR.2021 22:57:39

Highest Channel / QPSK



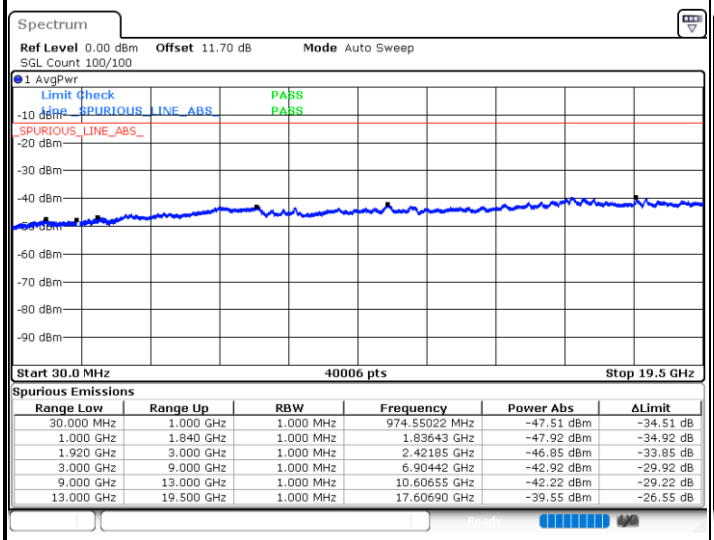
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-47.82 dBm	-34.82 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.45988 GHz	-48.04 dBm	-35.04 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.49275 GHz	-46.67 dBm	-33.67 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95292 GHz	-42.80 dBm	-29.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60655 GHz	-42.28 dBm	-29.28 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.80103 GHz	-39.50 dBm	-26.50 dB

Date: 6.APR.2021 23:02:10

LTE Band 2 / 10MHz

Lowest Channel / QPSK

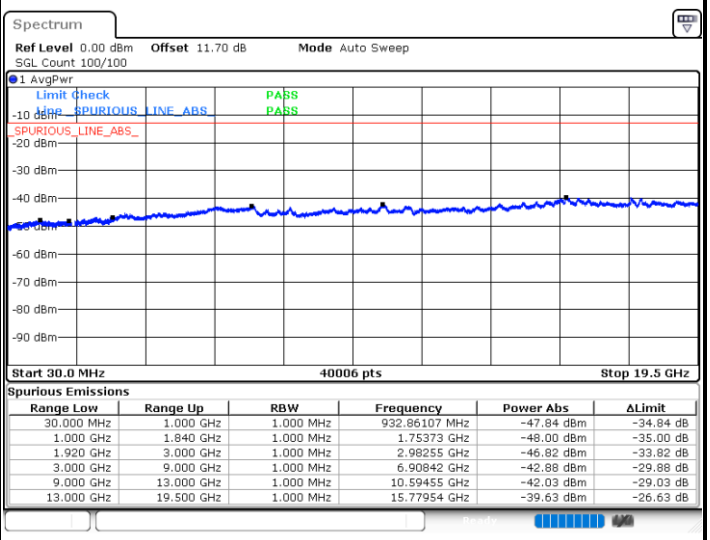


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.55022 MHz	-47.51 dBm	-34.51 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83643 GHz	-47.92 dBm	-34.92 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.42185 GHz	-46.85 dBm	-33.85 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.90442 GHz	-42.92 dBm	-29.92 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60655 GHz	-42.22 dBm	-29.22 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.60690 GHz	-39.55 dBm	-26.55 dB

Date: 6.APR.2021 23:06:42

Middle Channel / QPSK

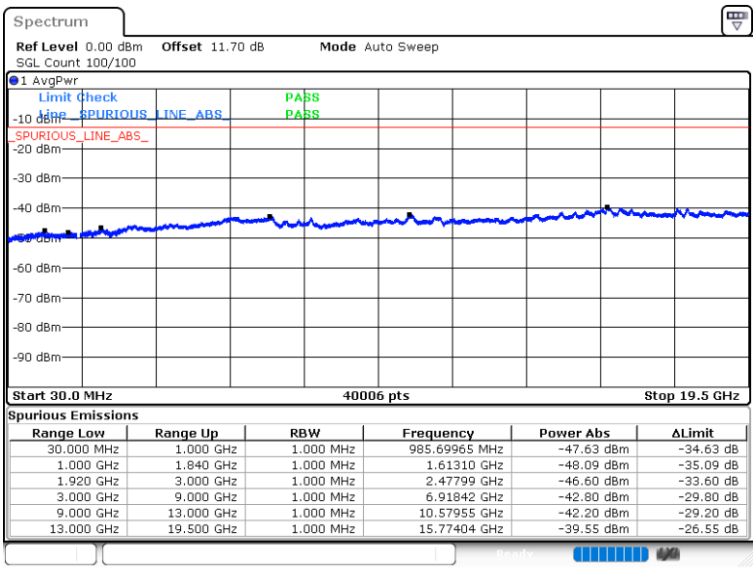


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.86107 MHz	-47.84 dBm	-34.84 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.75373 GHz	-48.00 dBm	-35.00 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98255 GHz	-46.82 dBm	-33.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.90842 GHz	-42.88 dBm	-29.88 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59455 GHz	-42.03 dBm	-29.03 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77954 GHz	-39.63 dBm	-26.63 dB

Date: 6.APR.2021 23:09:17

Highest Channel / QPSK



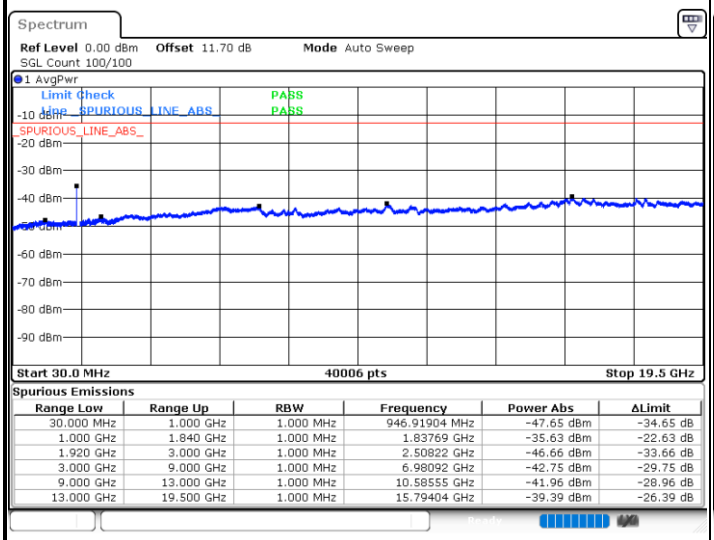
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-47.63 dBm	-34.63 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.61310 GHz	-48.09 dBm	-35.09 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.47799 GHz	-46.60 dBm	-33.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91842 GHz	-42.80 dBm	-29.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57955 GHz	-42.20 dBm	-29.20 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77404 GHz	-39.55 dBm	-26.55 dB

Date: 6.APR.2021 23:13:49

LTE Band 2 / 15MHz

Lowest Channel / QPSK

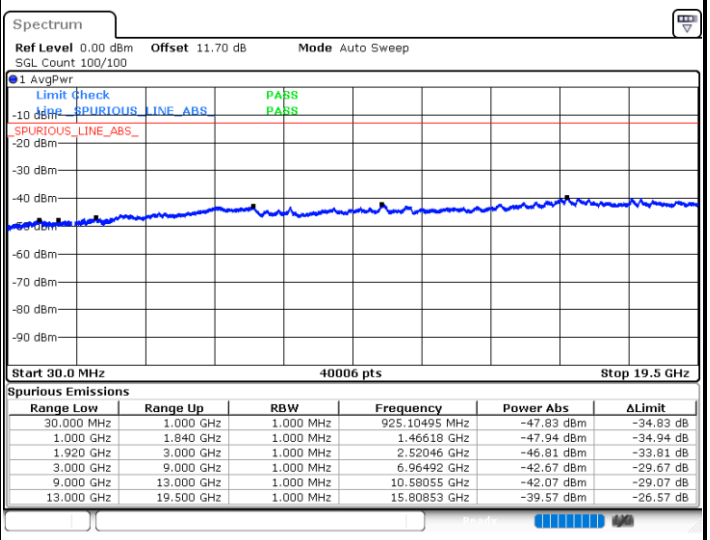


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-47.65 dBm	-34.65 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-35.63 dBm	-22.63 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.50822 GHz	-46.66 dBm	-33.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98092 GHz	-42.75 dBm	-29.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58555 GHz	-41.96 dBm	-28.96 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.79404 GHz	-39.39 dBm	-26.39 dB

Date: 6.APR.2021 23:18:21

Middle Channel / QPSK

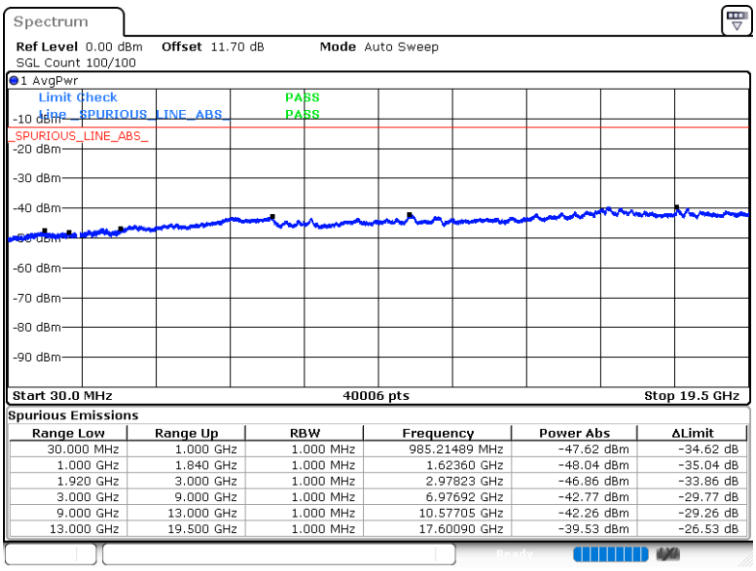


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.10495 MHz	-47.83 dBm	-34.83 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.46618 GHz	-47.94 dBm	-34.94 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.52046 GHz	-46.81 dBm	-33.81 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96492 GHz	-42.67 dBm	-29.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58055 GHz	-42.07 dBm	-29.07 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.80853 GHz	-39.57 dBm	-26.57 dB

Date: 6.APR.2021 23:20:56

Highest Channel / QPSK



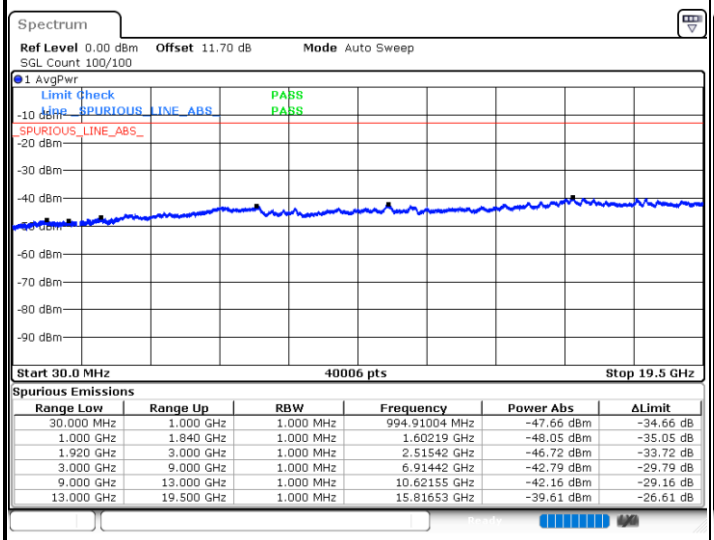
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.21489 MHz	-47.62 dBm	-34.62 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62360 GHz	-48.04 dBm	-35.04 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97823 GHz	-46.86 dBm	-33.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97692 GHz	-42.77 dBm	-29.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57705 GHz	-42.26 dBm	-29.26 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.60090 GHz	-39.53 dBm	-26.53 dB

Date: 6.APR.2021 23:25:28

LTE Band 2 / 20MHz

Lowest Channel / QPSK

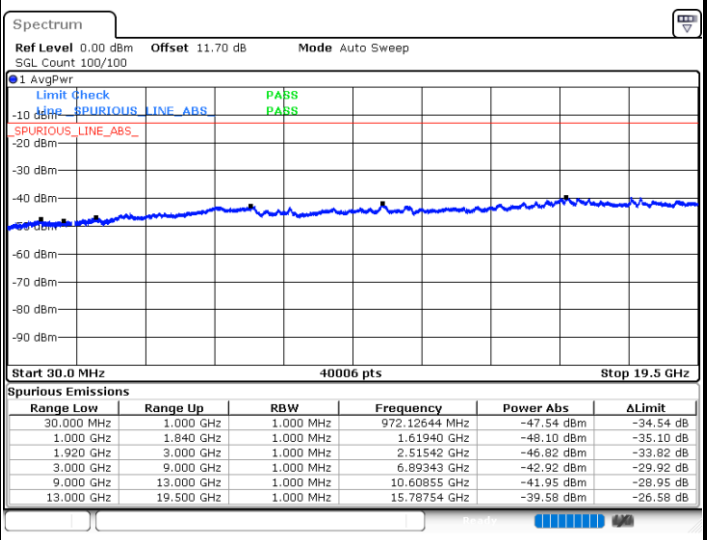


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-47.66 dBm	-34.66 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.60219 GHz	-48.05 dBm	-35.05 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.51542 GHz	-46.72 dBm	-33.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91442 GHz	-42.79 dBm	-29.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.62155 GHz	-42.16 dBm	-29.16 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.81653 GHz	-39.61 dBm	-26.61 dB

Date: 6.APR.2021 23:30:01

Middle Channel / QPSK

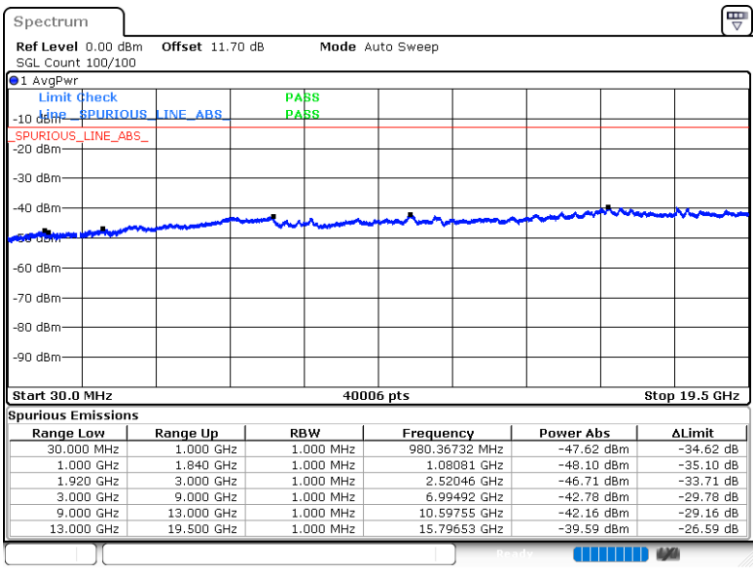


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-47.54 dBm	-34.54 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.61940 GHz	-48.10 dBm	-35.10 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.51542 GHz	-46.82 dBm	-33.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.89343 GHz	-42.92 dBm	-29.92 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60855 GHz	-41.95 dBm	-28.95 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.78754 GHz	-39.58 dBm	-26.58 dB

Date: 6.APR.2021 23:32:36

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.36732 MHz	-47.62 dBm	-34.62 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.08081 GHz	-48.10 dBm	-35.10 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.52046 GHz	-46.71 dBm	-33.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99492 GHz	-42.78 dBm	-29.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59755 GHz	-42.16 dBm	-29.16 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.79653 GHz	-39.59 dBm	-26.59 dB

Date: 6.APR.2021 23:37:44

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0066	
30	Normal Voltage	0.0046	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0078	
-30	Normal Voltage	0.0048	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0009	

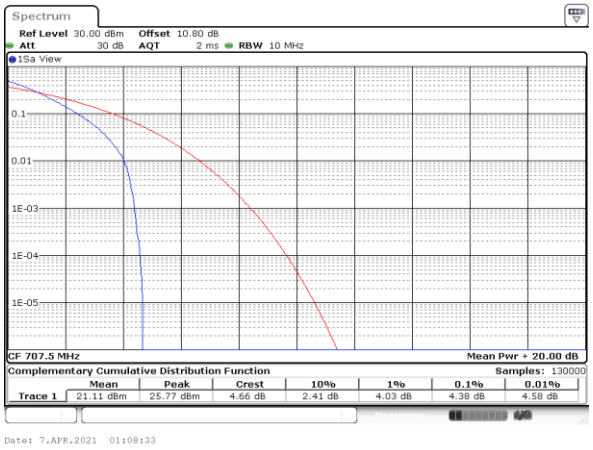
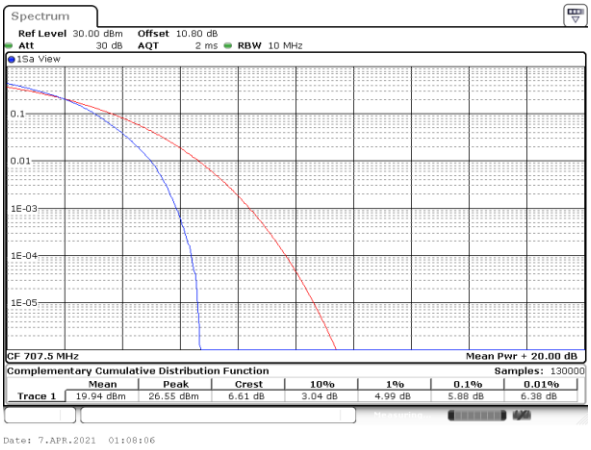
Note:

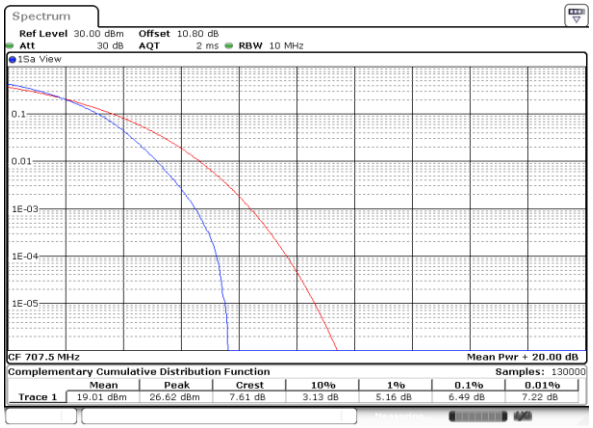
1. Normal Voltage =3.87 V.；Battery End Point (BEP) =3.67 V.；Maximum Voltage =4.26 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 12

Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.38	5.88	6.49	-	PASS

LTE Band 12 / 10MHz / QPSK	LTE Band 12 / 10MHz / 16QAM
Middle Channel / Full RB	**Middle Channel / Full RB**
	

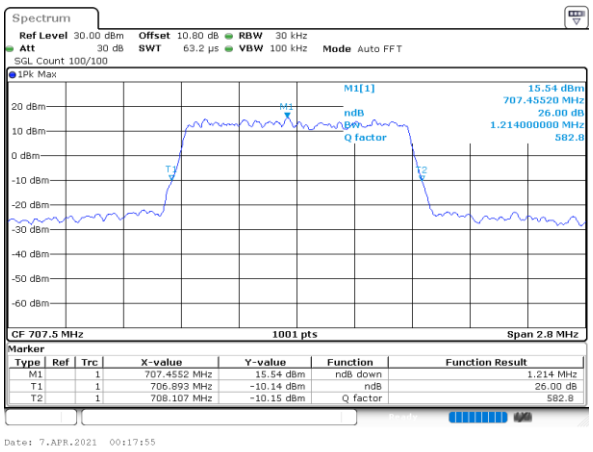
LTE Band 12 / 10MHz / 64QAM
Middle Channel / Full RB


26dB Bandwidth

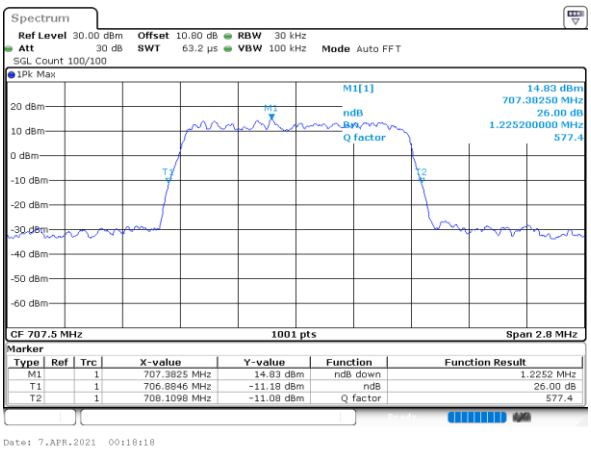
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.21	1.23	3.01	3.01	4.81	4.85	9.99	9.79	-	-	-	-
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	1.21	-	2.97	-	4.75	-	9.81	-	-	-	-	-

LTE Band 12

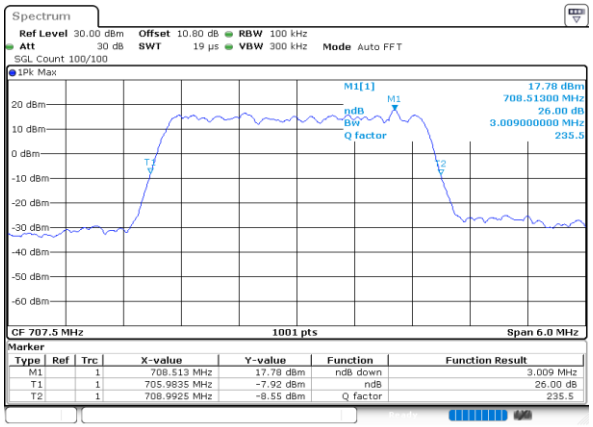
Middle Channel / 1.4MHz / QPSK



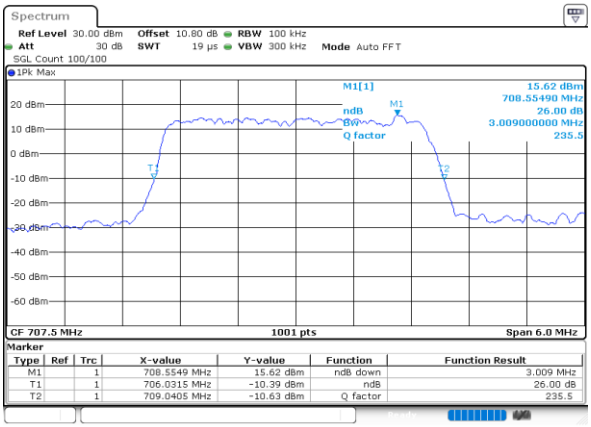
Middle Channel / 1.4MHz / 16QAM



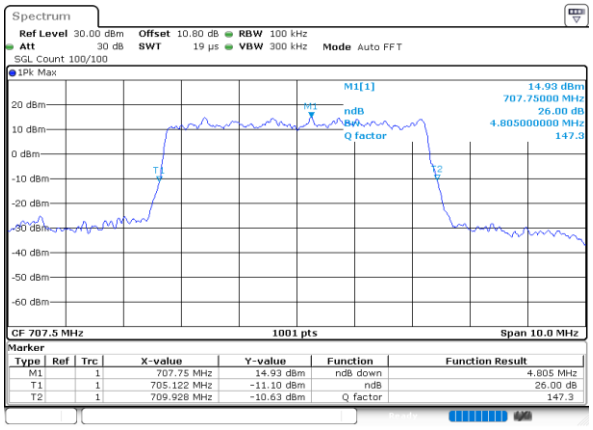
Middle Channel / 3MHz / QPSK



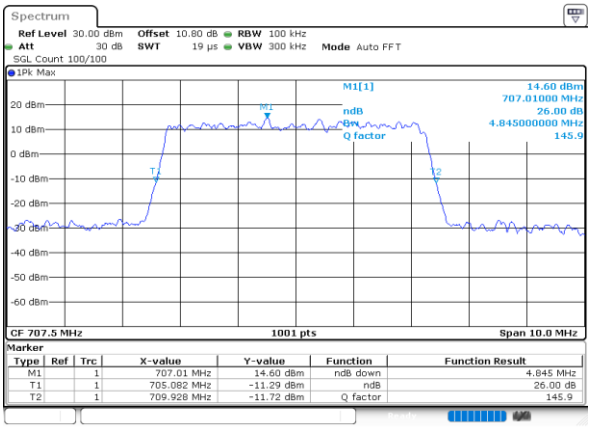
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

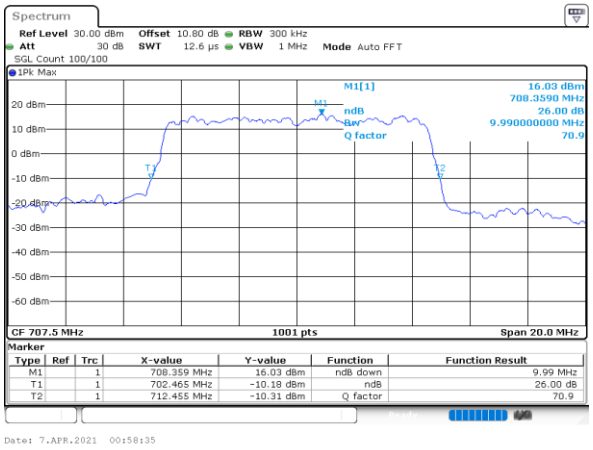


Middle Channel / 5MHz / 16QAM

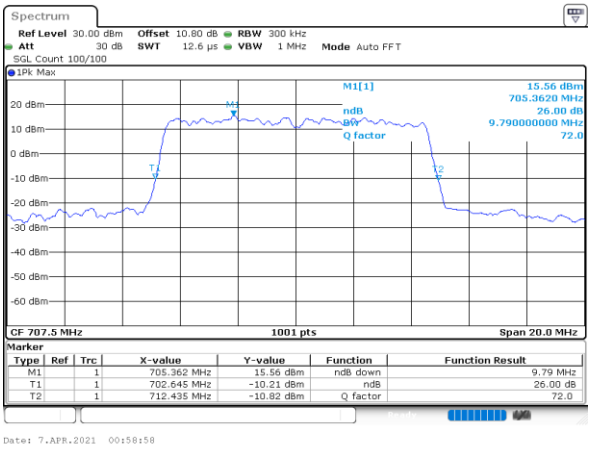


LTE Band 12

Middle Channel / 10MHz / QPSK

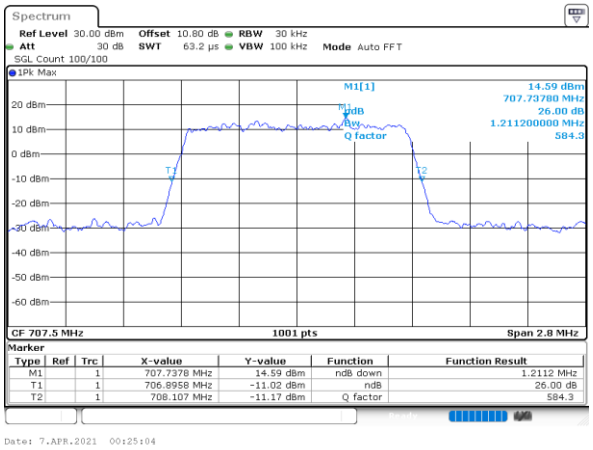


Middle Channel / 10MHz / 16QAM

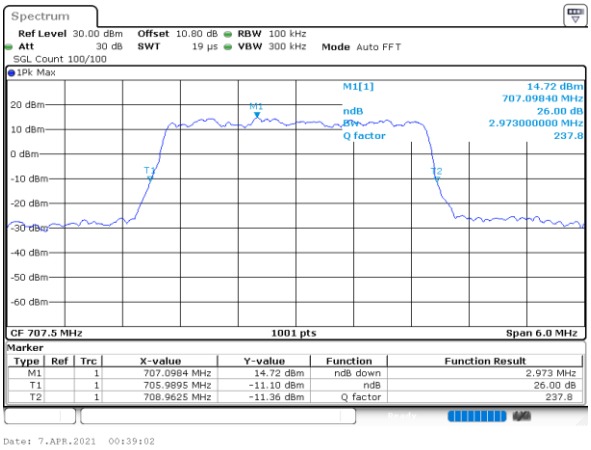


LTE Band 12

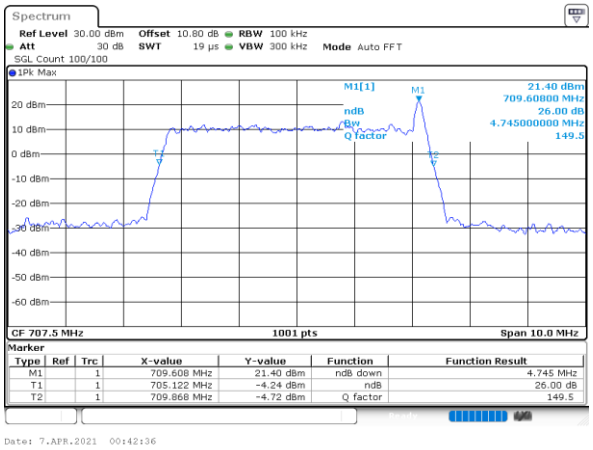
Middle Channel / 1.4MHz / 64QAM



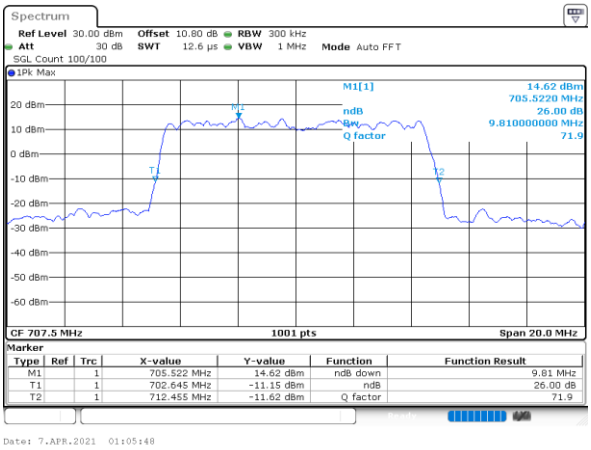
Middle Channel / 3MHz / 64QAM



Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM

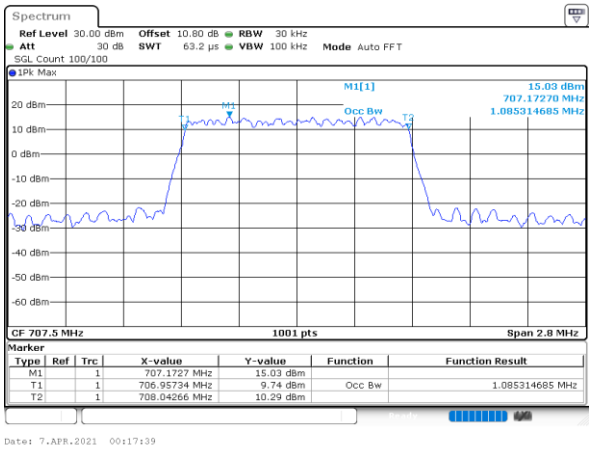


Occupied Bandwidth

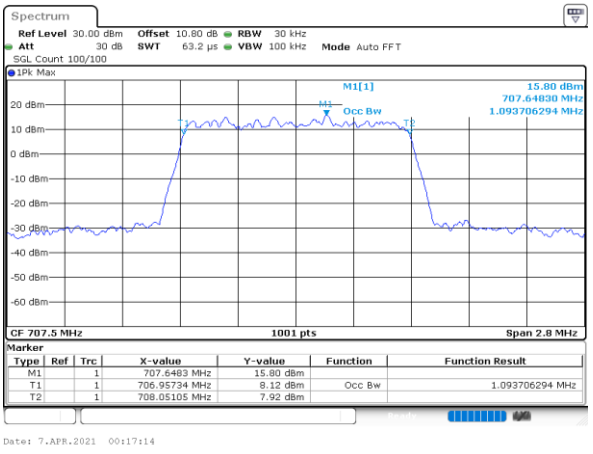
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.09	2.71	2.73	4.48	4.50	9.05	8.99	-	-	-	-
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	1.09	-	2.69	-	4.48	-	9.05	-	-	-	-	-

LTE Band 12

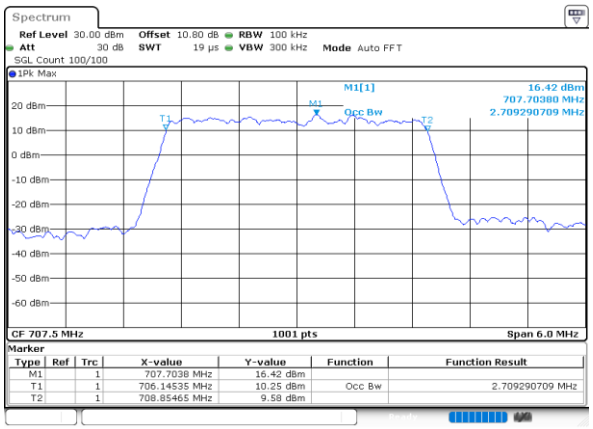
Middle Channel / 1.4MHz / QPSK



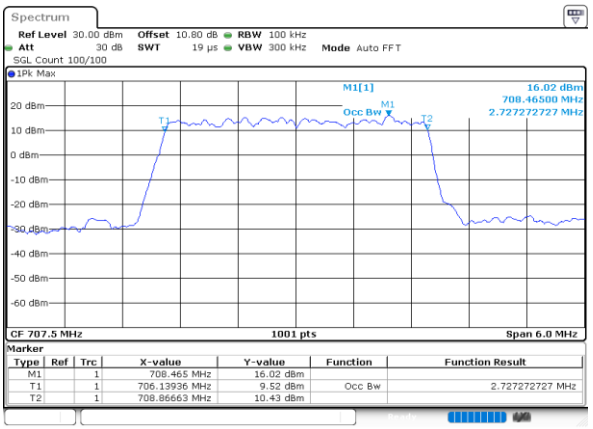
Middle Channel / 1.4MHz / 16QAM



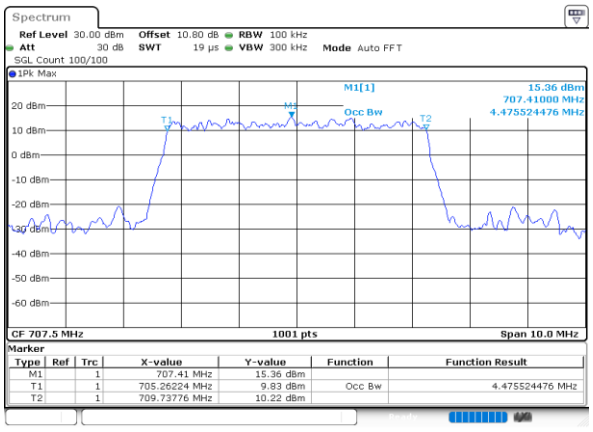
Middle Channel / 3MHz / QPSK



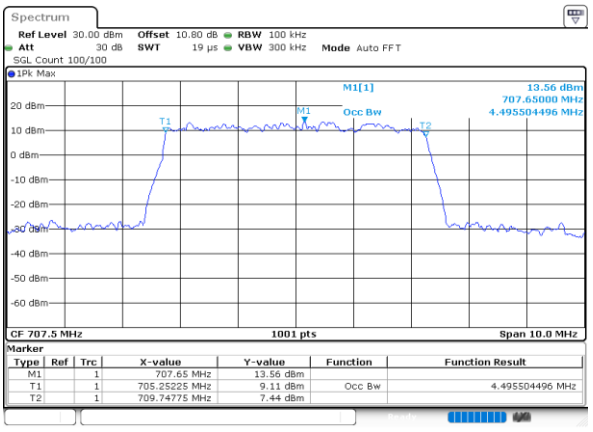
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

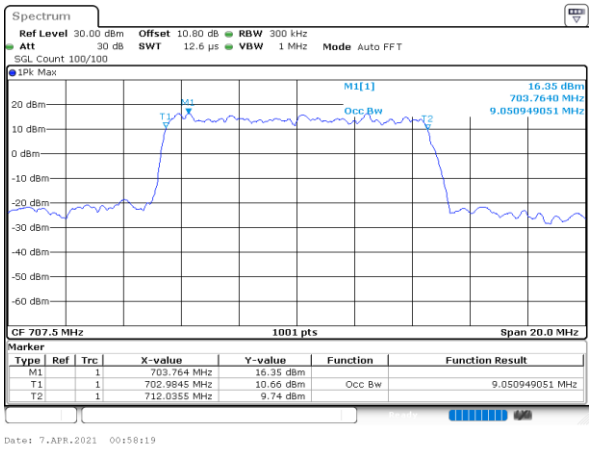


Middle Channel / 5MHz / 16QAM

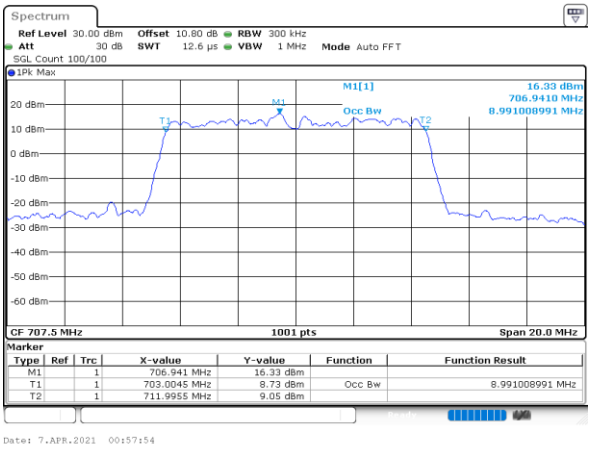


LTE Band 12

Middle Channel / 10MHz / QPSK

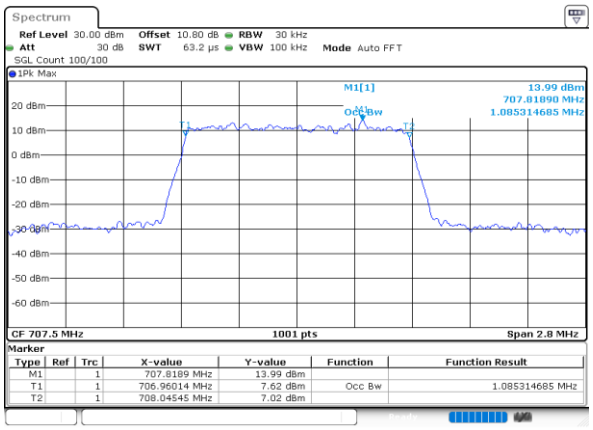


Middle Channel / 10MHz / 16QAM

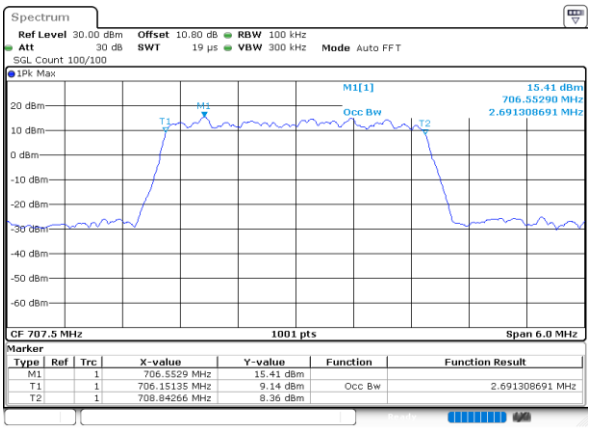


LTE Band 12

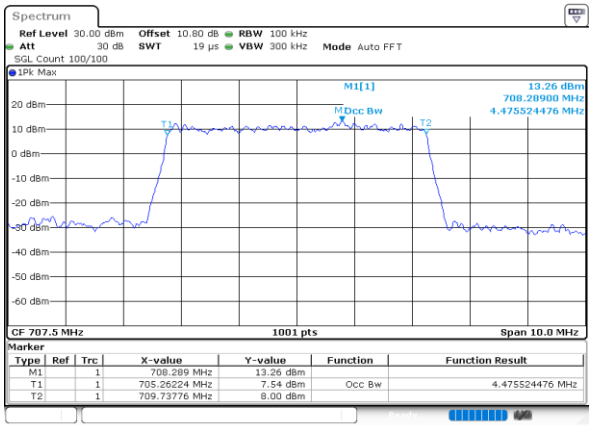
Middle Channel / 1.4MHz / 64QAM



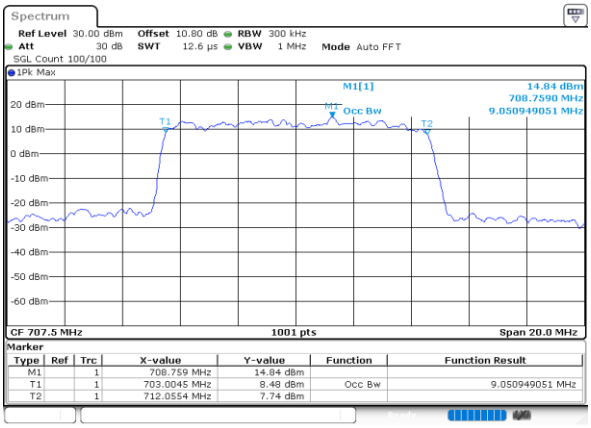
Middle Channel / 3MHz / 64QAM



Middle Channel / 5MHz / 64QAM



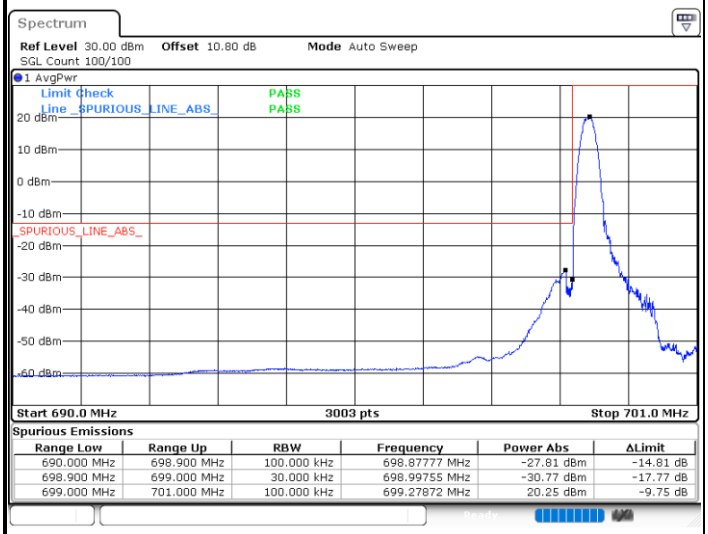
Middle Channel / 10MHz / 64QAM



Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

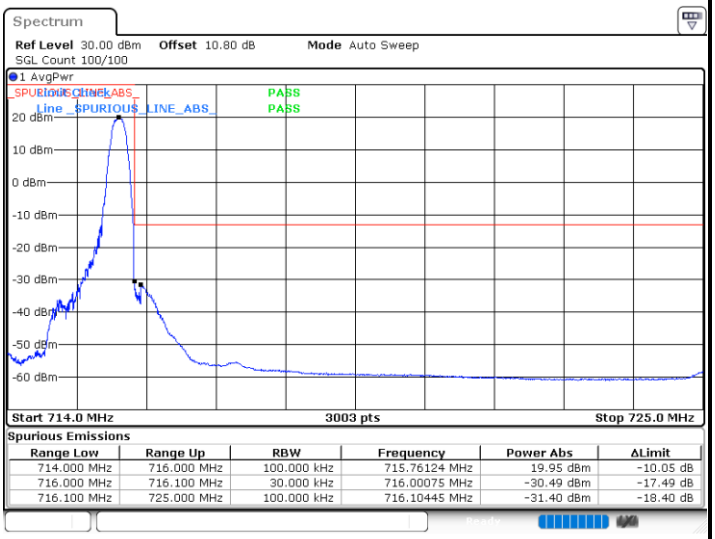


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.87777 MHz	-27.81 dBm	-14.81 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99755 MHz	-30.77 dBm	-17.77 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.27872 MHz	20.25 dBm	-9.75 dB

Date: 7.APR.2021 00:16:06

Highest Band Edge / 1RB

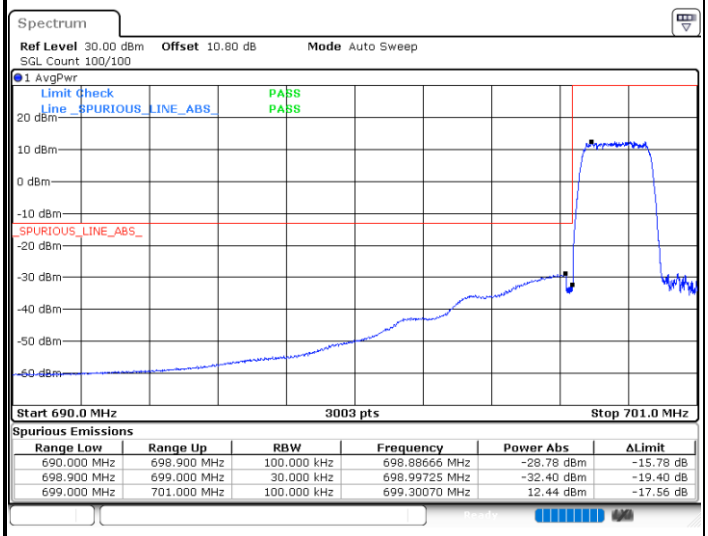


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.76124 MHz	19.95 dBm	-10.05 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00075 MHz	-30.49 dBm	-17.49 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.40 dBm	-18.40 dB

Date: 7.APR.2021 00:22:04

Lowest Band Edge / Full RB

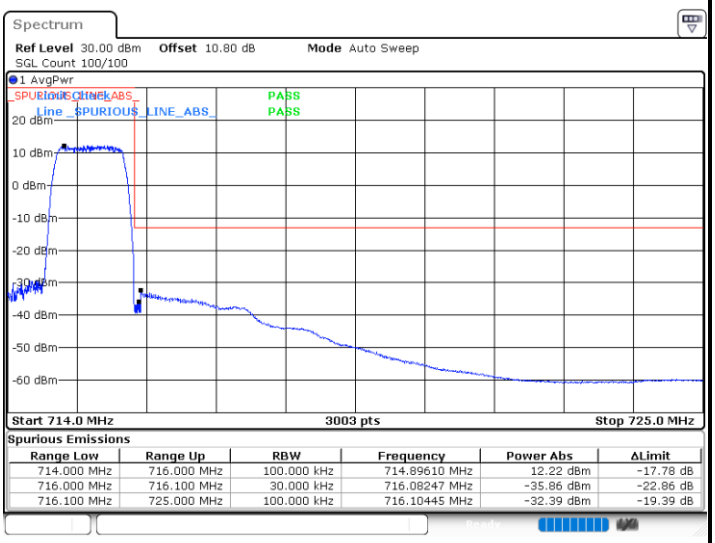


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-28.78 dBm	-15.78 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99725 MHz	-32.40 dBm	-19.40 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.30070 MHz	12.44 dBm	-17.56 dB

Date: 7.APR.2021 00:13:55

Highest Band Edge / Full RB



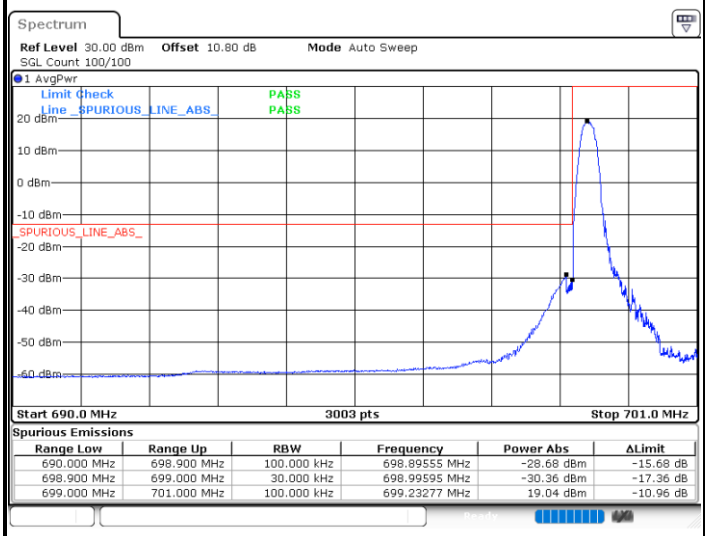
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	714.89610 MHz	12.22 dBm	-17.78 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.08247 MHz	-35.86 dBm	-22.86 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.39 dBm	-19.39 dB

Date: 7.APR.2021 00:19:53

LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

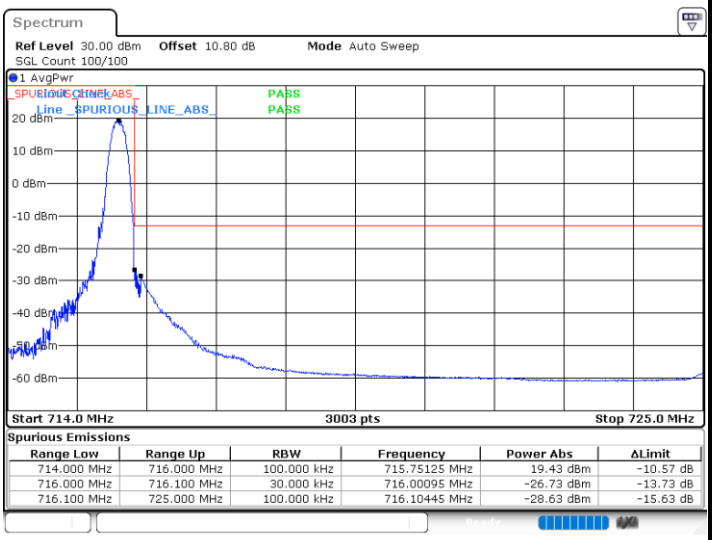


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.68 dBm	-15.68 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99595 MHz	-30.36 dBm	-17.36 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.23277 MHz	19.04 dBm	-10.96 dB

Date: 7.APR.2021 00:15:22

Highest Band Edge / 1 RB

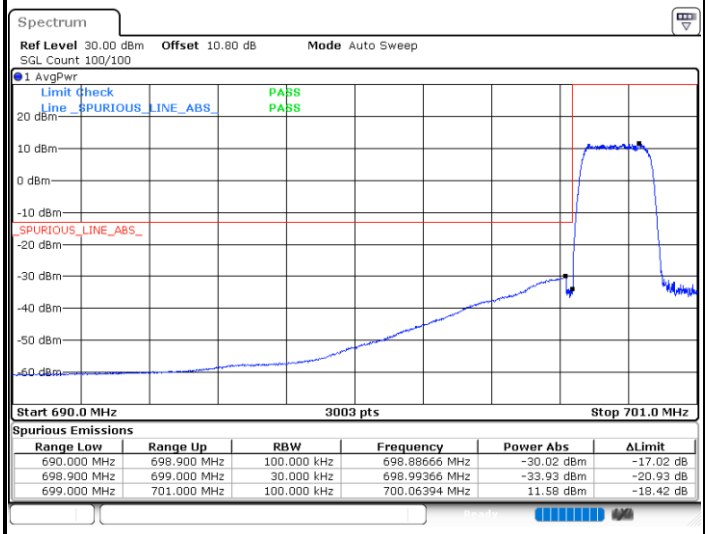


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.75125 MHz	19.43 dBm	-10.57 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00095 MHz	-26.73 dBm	-13.73 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.63 dBm	-15.63 dB

Date: 7.APR.2021 00:21:20

Lowest Band Edge / Full RB

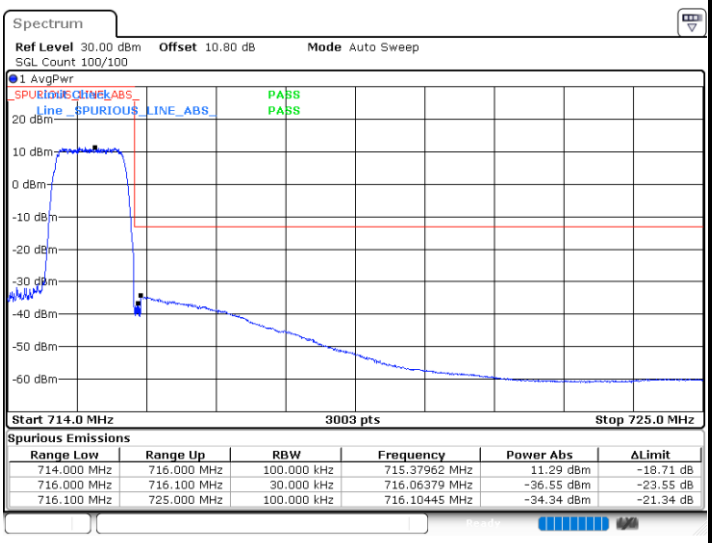


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-30.02 dBm	-17.02 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99366 MHz	-33.93 dBm	-20.93 dB
699.000 MHz	701.000 MHz	100.000 kHz	700.06394 MHz	11.58 dBm	-18.42 dB

Date: 7.APR.2021 00:14:38

Highest Band Edge / Full RB



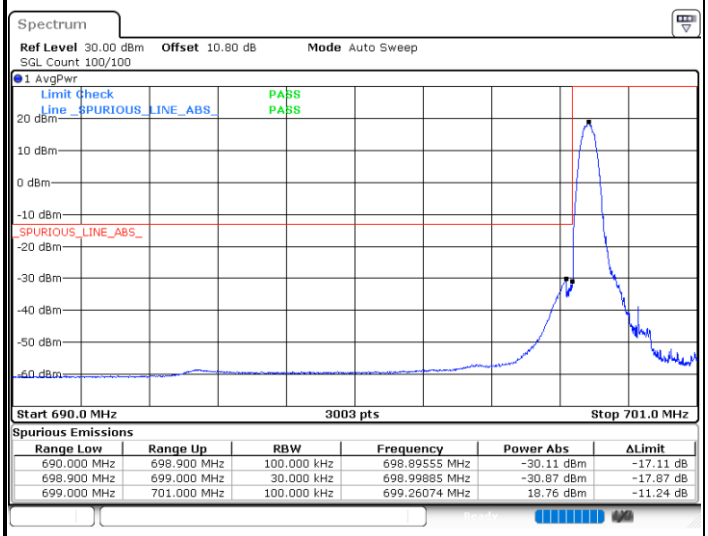
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.37962 MHz	11.29 dBm	-18.71 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.06379 MHz	-36.55 dBm	-23.55 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.34 dBm	-21.34 dB

Date: 7.APR.2021 00:20:36

LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

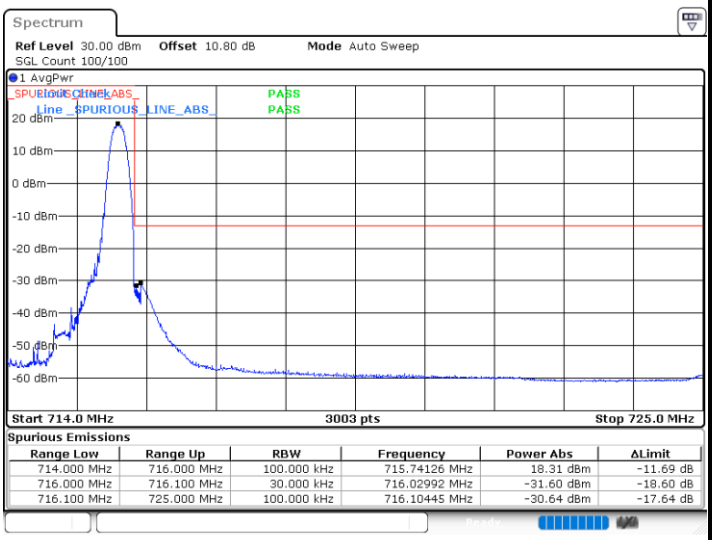


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.11 dBm	-17.11 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99885 MHz	-30.87 dBm	-17.87 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.26074 MHz	18.76 dBm	-11.24 dB

Date: 7.APR.2021 00:24:24

Highest Band Edge / 1 RB

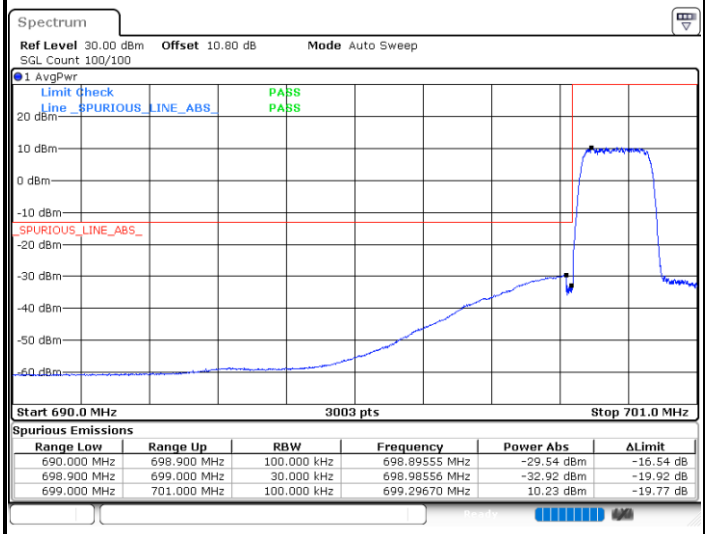


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.74126 MHz	18.31 dBm	-11.69 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.02992 MHz	-31.60 dBm	-18.60 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.64 dBm	-17.64 dB

Date: 7.APR.2021 00:26:30

Lowest Band Edge / Full RB

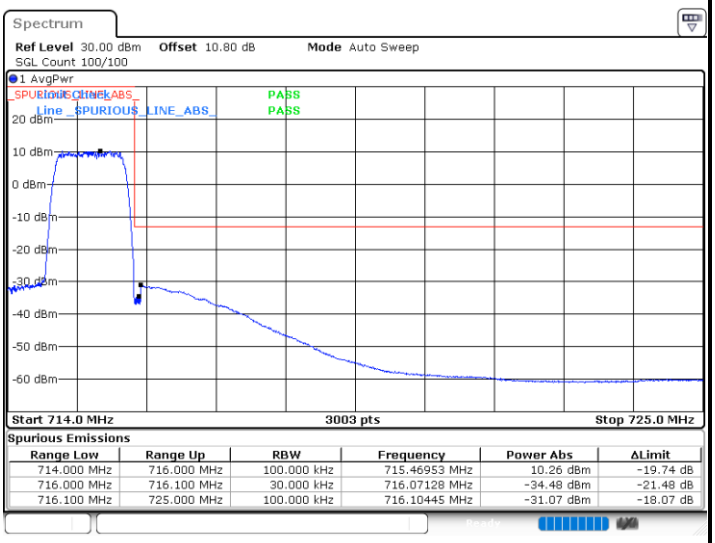


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.54 dBm	-16.54 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98556 MHz	-32.92 dBm	-19.92 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.29670 MHz	10.23 dBm	-19.77 dB

Date: 7.APR.2021 00:23:40

Highest Band Edge / Full RB



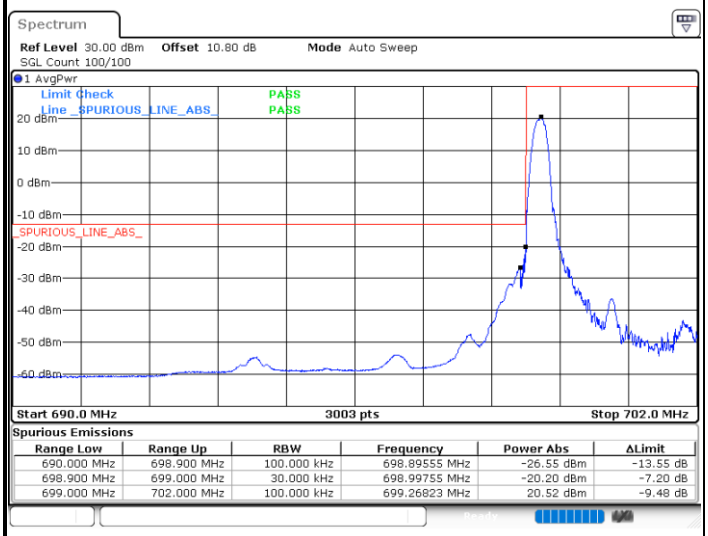
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.46953 MHz	10.26 dBm	-19.74 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.07128 MHz	-34.48 dBm	-21.48 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.07 dBm	-18.07 dB

Date: 7.APR.2021 00:25:46

LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB

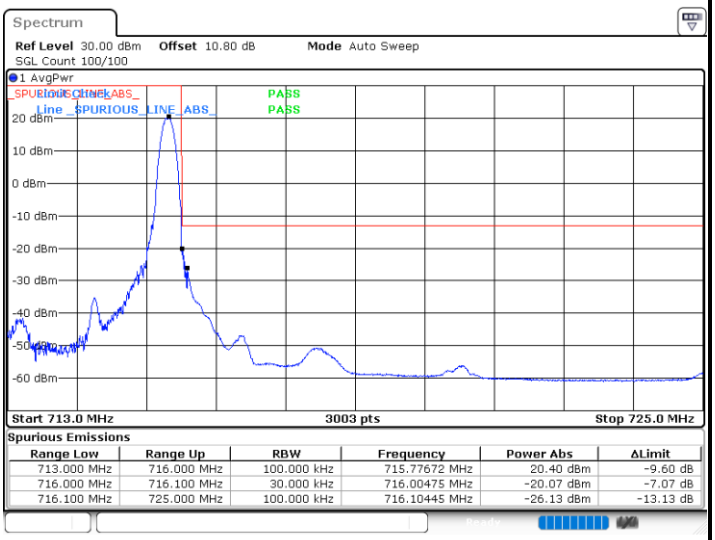


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-26.55 dBm	-13.55 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99755 MHz	-20.20 dBm	-7.20 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.26823 MHz	20.52 dBm	-9.48 dB

Date: 7.APR.2021 00:30:02

Highest Band Edge / 1 RB

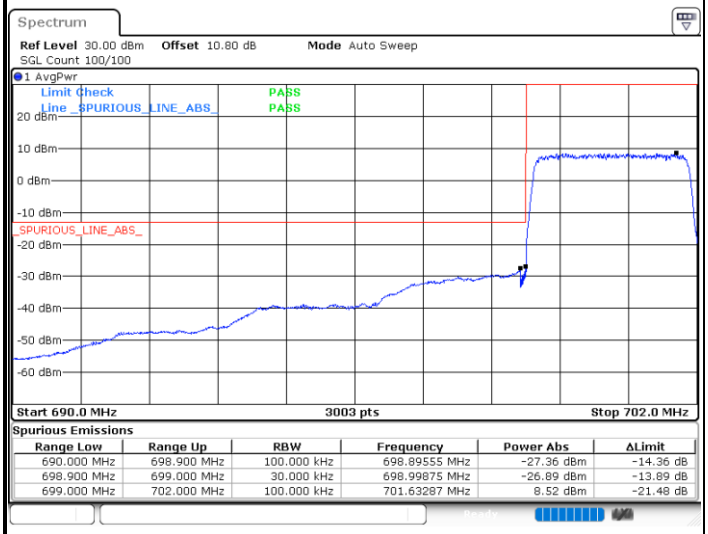


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.77672 MHz	20.40 dBm	-9.60 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00475 MHz	-20.07 dBm	-7.07 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-26.13 dBm	-13.13 dB

Date: 7.APR.2021 00:36:01

Lowest Band Edge / Full RB

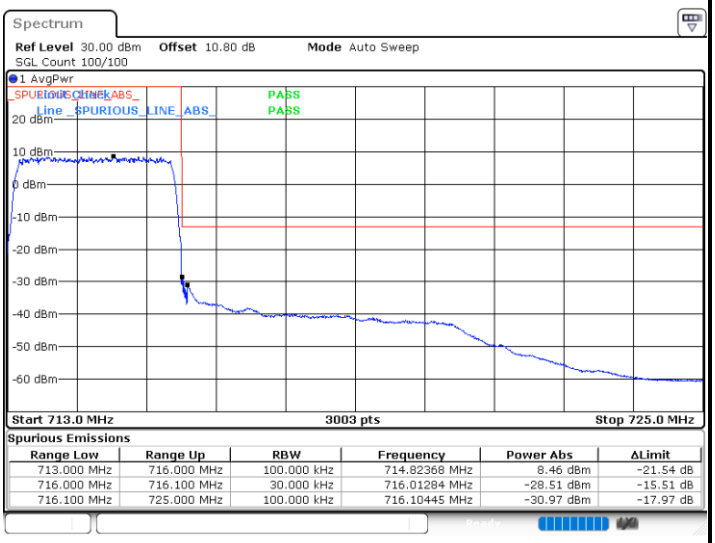


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.36 dBm	-14.36 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99875 MHz	-26.89 dBm	-13.89 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.63287 MHz	8.52 dBm	-21.48 dB

Date: 7.APR.2021 00:27:14

Highest Band Edge / Full RB



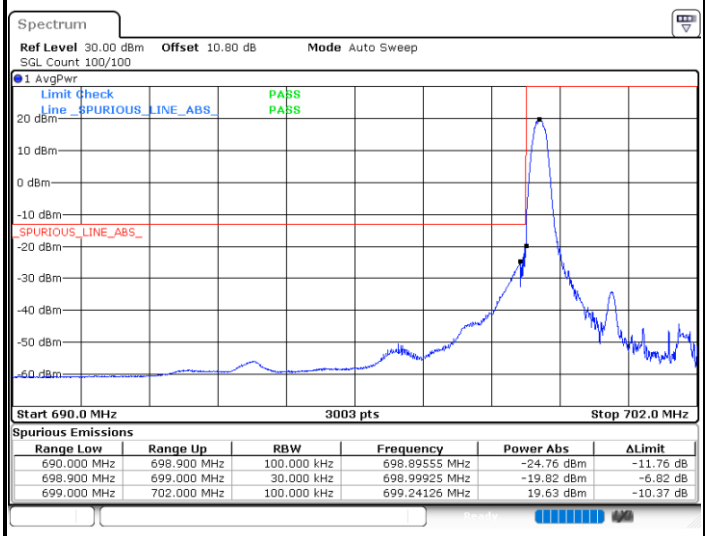
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	714.82368 MHz	8.46 dBm	-21.54 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01284 MHz	-28.51 dBm	-15.51 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.97 dBm	-17.97 dB

Date: 7.APR.2021 00:33:50

LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

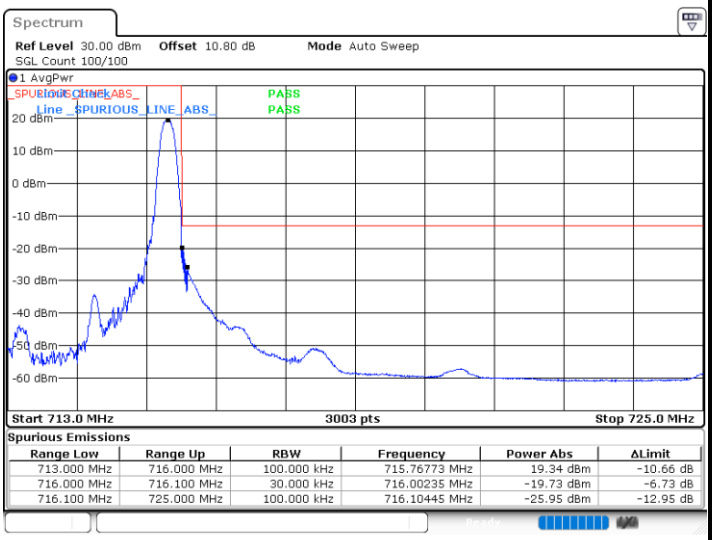


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-24.76 dBm	-11.76 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99925 MHz	-19.82 dBm	-6.82 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.24126 MHz	19.63 dBm	-10.37 dB

Date: 7.APR.2021 00:29:18

Highest Band Edge /1 RB

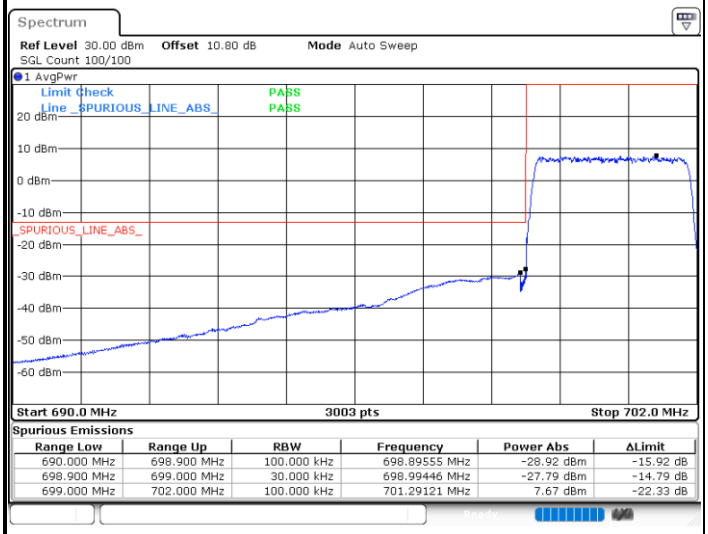


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.76773 MHz	19.34 dBm	-10.66 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00235 MHz	-19.73 dBm	-6.73 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-25.95 dBm	-12.95 dB

Date: 7.APR.2021 00:35:17

Lowest Band Edge / Full RB

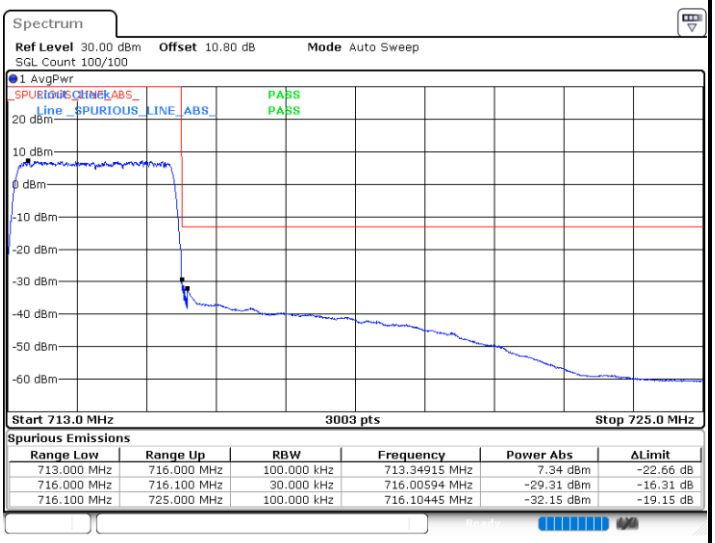


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.92 dBm	-15.92 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99446 MHz	-27.79 dBm	-14.79 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.29121 MHz	7.67 dBm	-22.33 dB

Date: 7.APR.2021 00:27:58

Highest Band Edge / Full RB



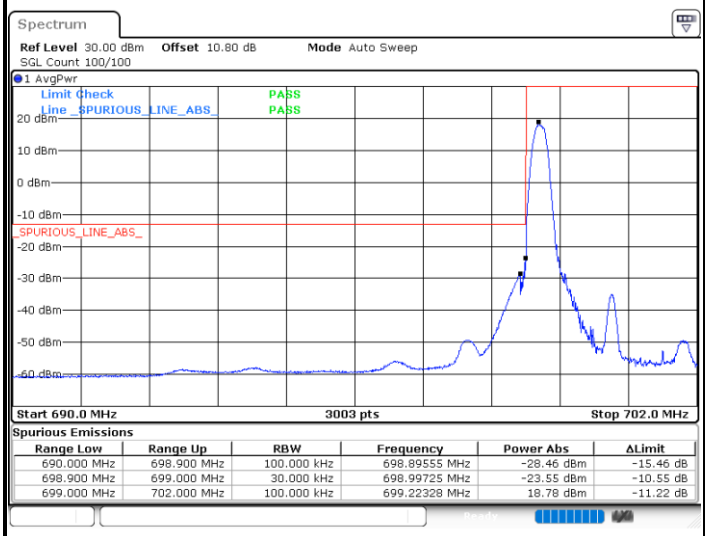
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.34915 MHz	7.34 dBm	-22.66 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00594 MHz	-29.31 dBm	-16.31 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.15 dBm	-19.15 dB

Date: 7.APR.2021 00:34:34

LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB

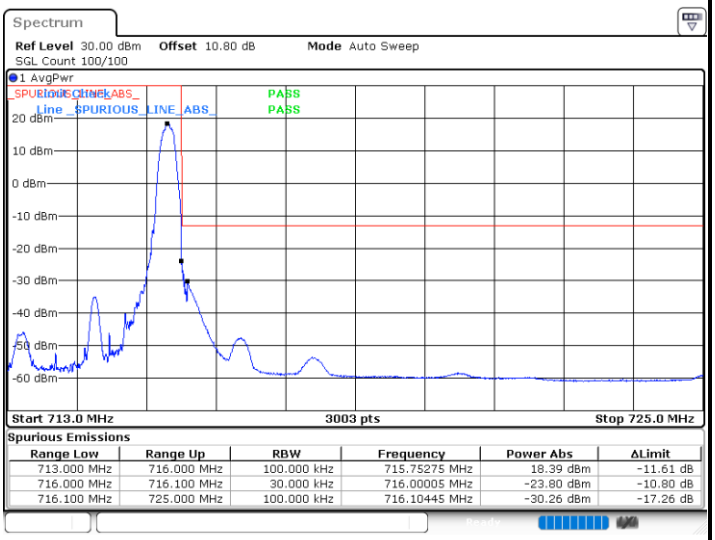


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.46 dBm	-15.46 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99725 MHz	-23.55 dBm	-10.55 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.22328 MHz	18.78 dBm	-11.22 dB

Date: 7.APR.2021 00:38:22

Highest Band Edge /1 RB

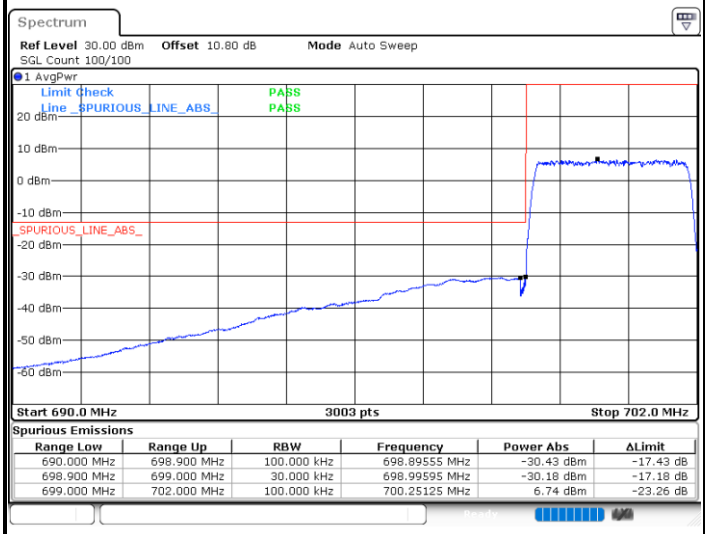


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.75275 MHz	18.39 dBm	-11.61 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00005 MHz	-23.80 dBm	-10.80 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.26 dBm	-17.26 dB

Date: 7.APR.2021 00:40:28

Lowest Band Edge / Full RB

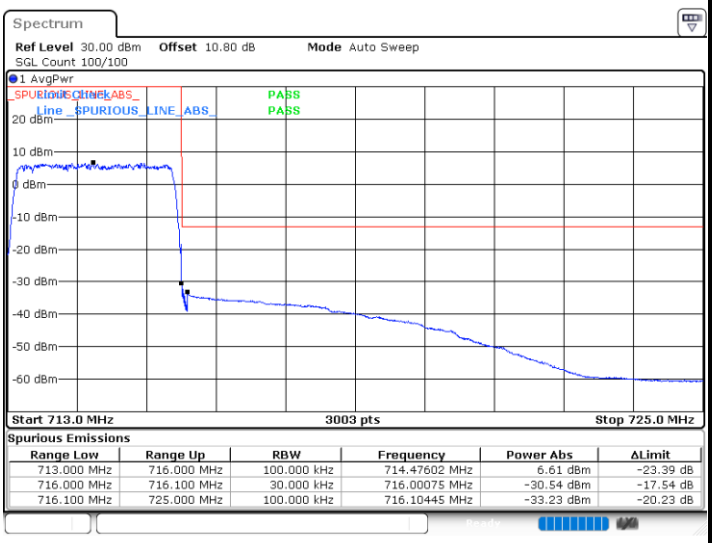


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.43 dBm	-17.43 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99595 MHz	-30.18 dBm	-17.18 dB
699.000 MHz	702.000 MHz	100.000 kHz	700.25125 MHz	6.74 dBm	-23.26 dB

Date: 7.APR.2021 00:37:38

Highest Band Edge / Full RB



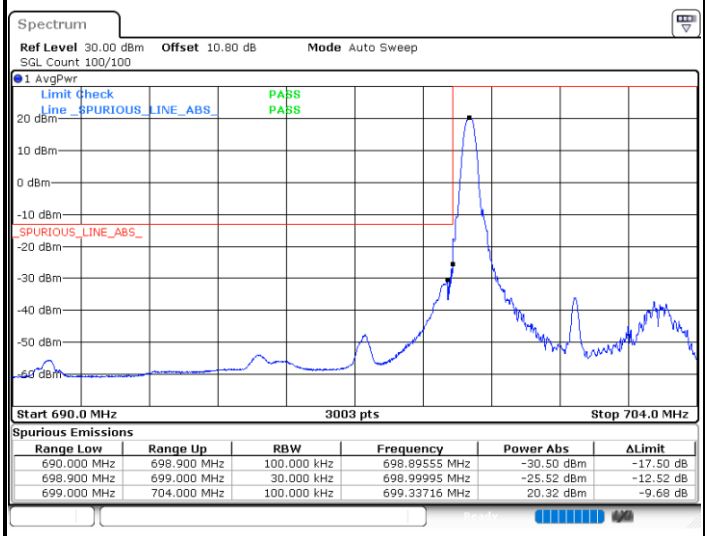
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	714.47602 MHz	6.61 dBm	-23.39 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00075 MHz	-30.54 dBm	-17.54 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.23 dBm	-20.23 dB

Date: 7.APR.2021 00:39:45

LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB

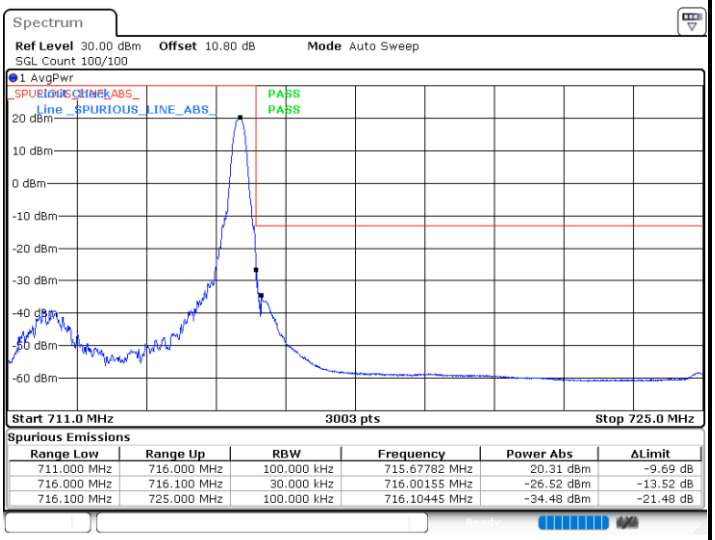


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.50 dBm	-17.50 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-25.52 dBm	-12.52 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.33716 MHz	20.32 dBm	-9.68 dB

Date: 7.APR.2021 00:46:57

Highest Band Edge / 1 RB

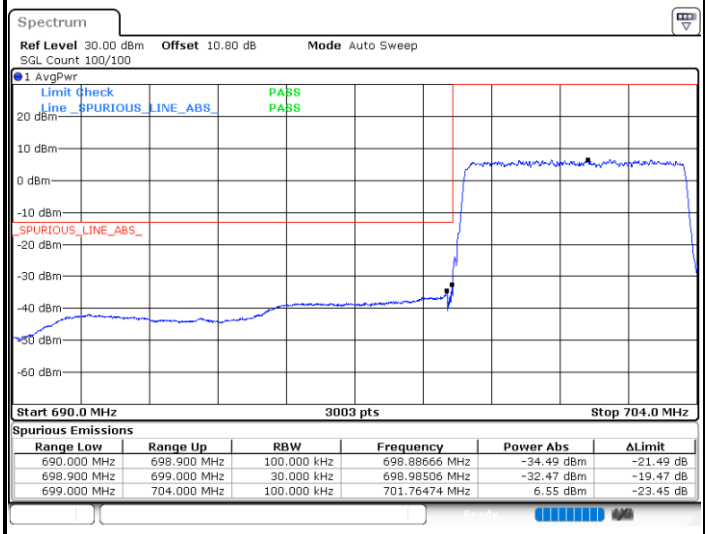


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.67782 MHz	20.31 dBm	-9.69 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00155 MHz	-26.52 dBm	-13.52 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.48 dBm	-21.48 dB

Date: 7.APR.2021 00:52:13

Lowest Band Edge / Full RB

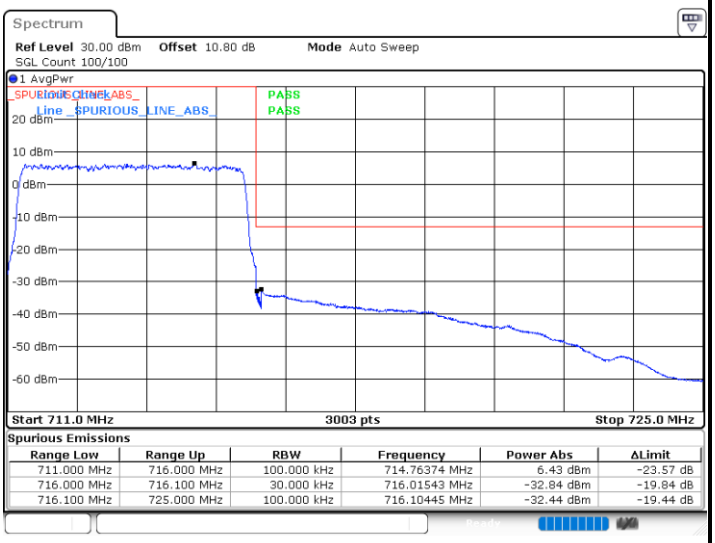


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-34.49 dBm	-21.49 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98506 MHz	-32.47 dBm	-19.47 dB
699.000 MHz	704.000 MHz	100.000 kHz	701.76474 MHz	6.55 dBm	-23.45 dB

Date: 7.APR.2021 00:44:47

Highest Band Edge / Full RB



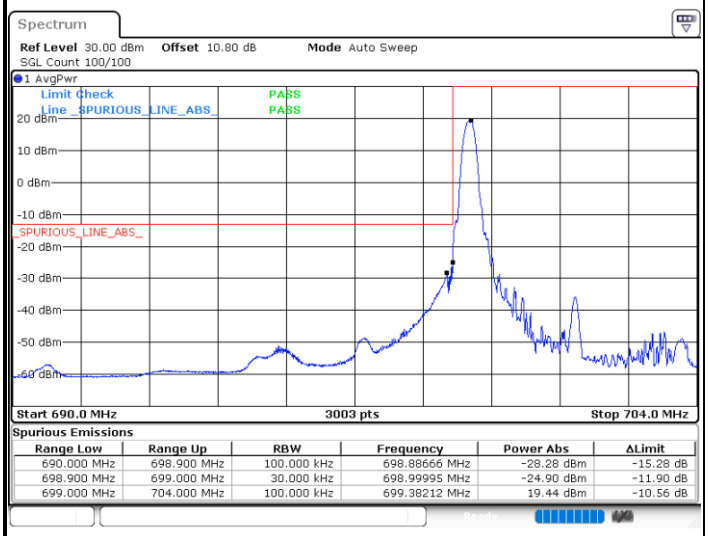
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	714.76374 MHz	6.43 dBm	-23.57 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01543 MHz	-32.84 dBm	-19.84 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.44 dBm	-19.44 dB

Date: 7.APR.2021 00:50:45

LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB

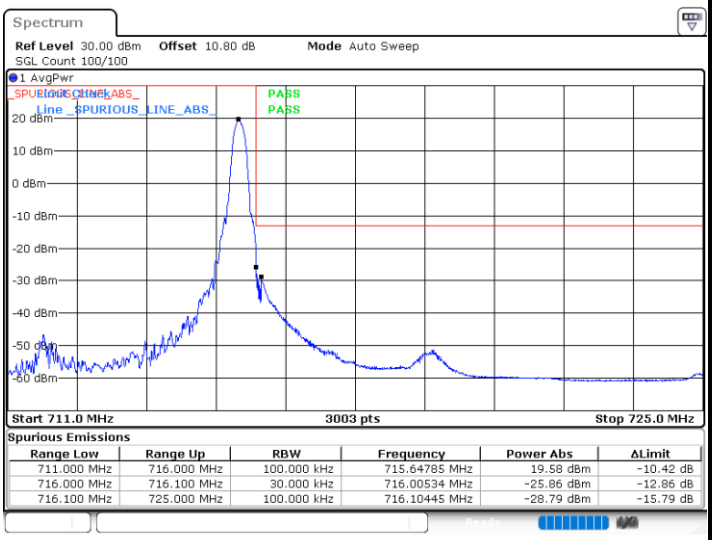


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-28.28 dBm	-15.28 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-24.90 dBm	-11.90 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.38212 MHz	19.44 dBm	-10.56 dB

Date: 7.APR.2021 00:46:13

Highest Band Edge / 1 RB

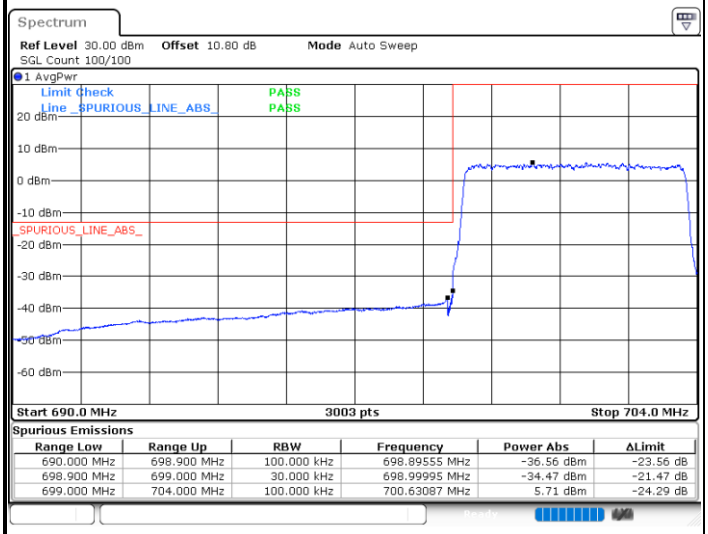


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.64785 MHz	19.58 dBm	-10.42 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00534 MHz	-25.86 dBm	-12.86 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.79 dBm	-15.79 dB

Date: 7.APR.2021 00:52:56

Lowest Band Edge / Full RB

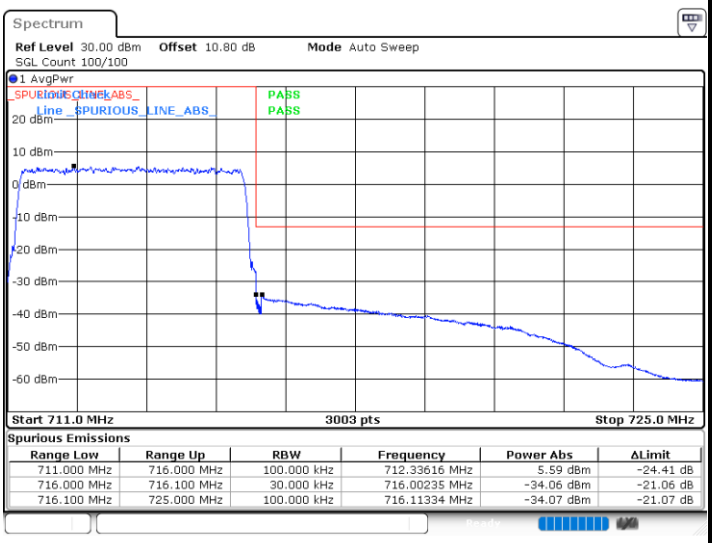


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-36.56 dBm	-23.56 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-34.47 dBm	-21.47 dB
699.000 MHz	704.000 MHz	100.000 kHz	700.63087 MHz	5.71 dBm	-24.29 dB

Date: 7.APR.2021 00:45:30

Highest Band Edge / Full RB



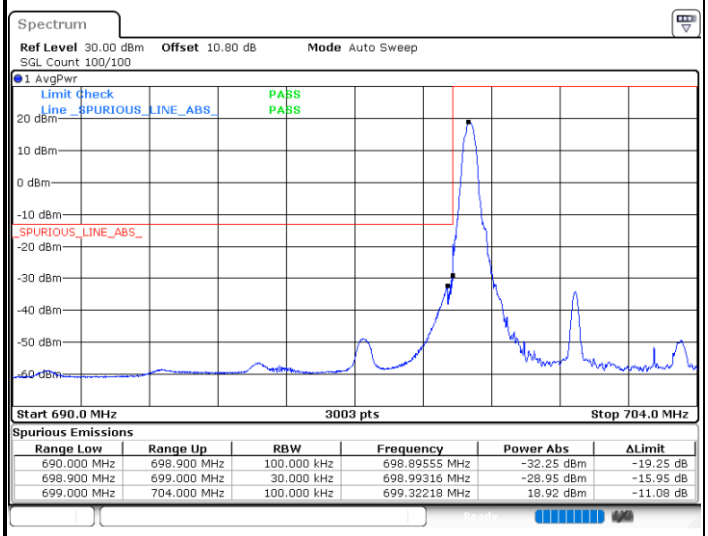
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	712.33616 MHz	5.59 dBm	-24.41 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00235 MHz	-34.06 dBm	-21.06 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-34.07 dBm	-21.07 dB

Date: 7.APR.2021 00:51:29

LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / 1RB

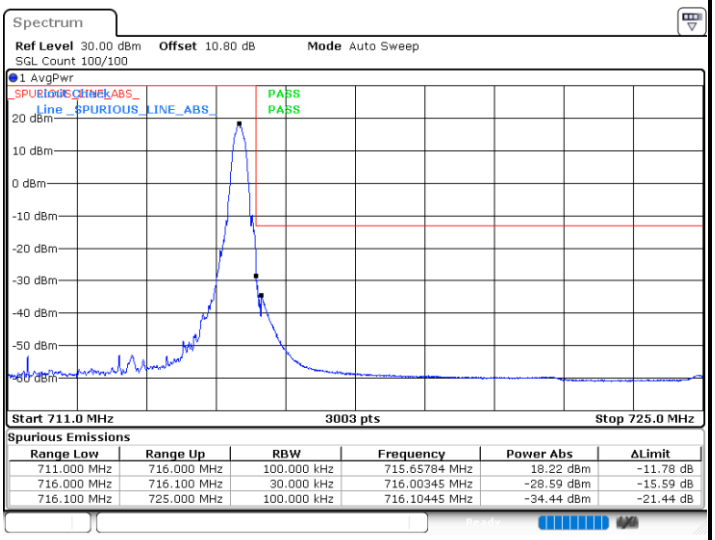


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-32.25 dBm	-19.25 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99316 MHz	-28.95 dBm	-15.95 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.32218 MHz	18.92 dBm	-11.08 dB

Date: 7.APR.2021 00:41:56

Highest Band Edge / 1 RB

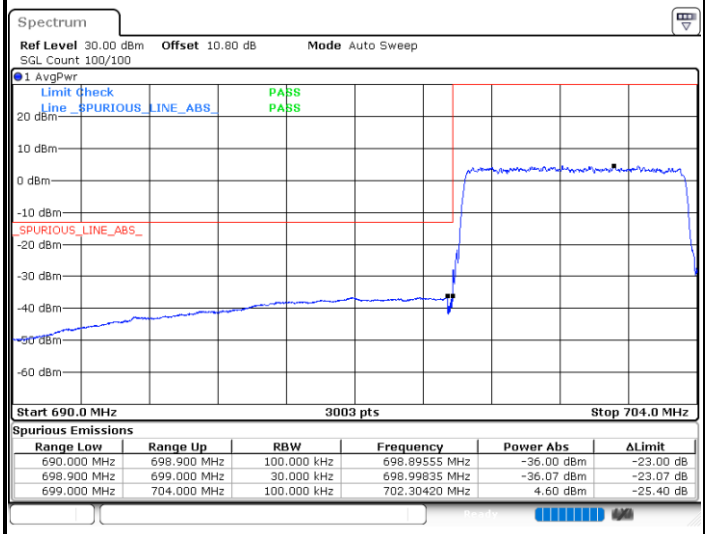


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.65784 MHz	18.22 dBm	-11.78 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00345 MHz	-28.59 dBm	-15.59 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.44 dBm	-21.44 dB

Date: 7.APR.2021 00:44:03

Lowest Band Edge / Full RB

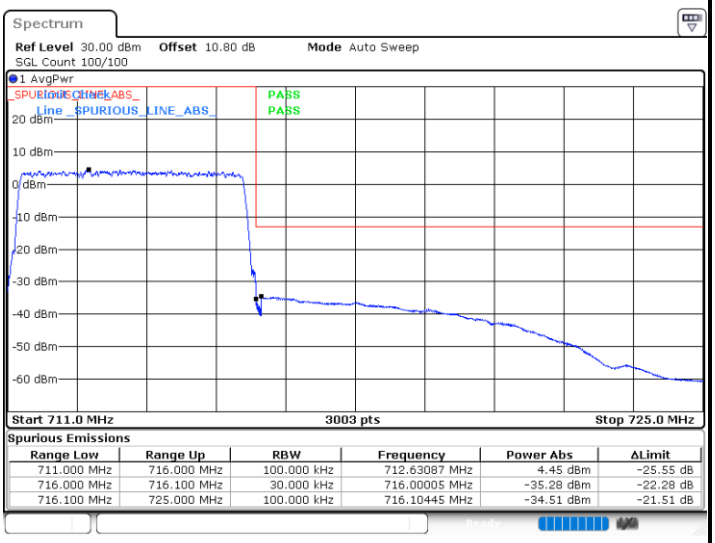


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-36.00 dBm	-23.00 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99835 MHz	-36.07 dBm	-23.07 dB
699.000 MHz	704.000 MHz	100.000 kHz	702.30420 MHz	4.60 dBm	-25.40 dB

Date: 7.APR.2021 00:41:13

Highest Band Edge / Full RB



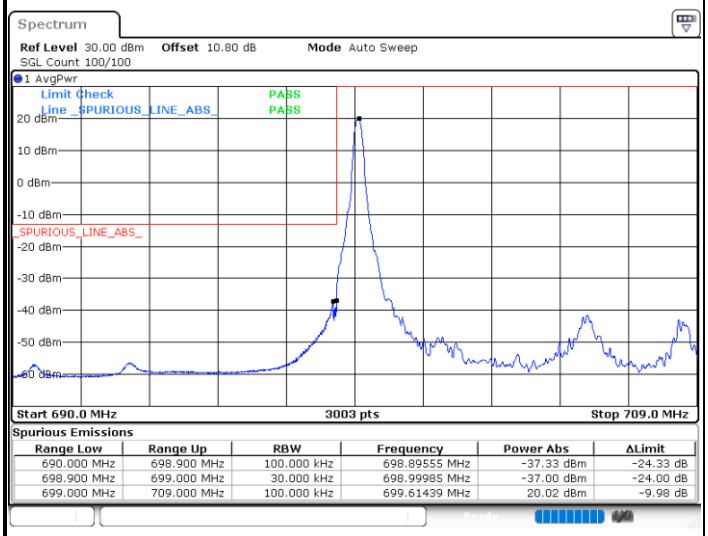
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	712.63087 MHz	4.45 dBm	-25.55 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00005 MHz	-35.28 dBm	-22.28 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.51 dBm	-21.51 dB

Date: 7.APR.2021 00:43:19

LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB

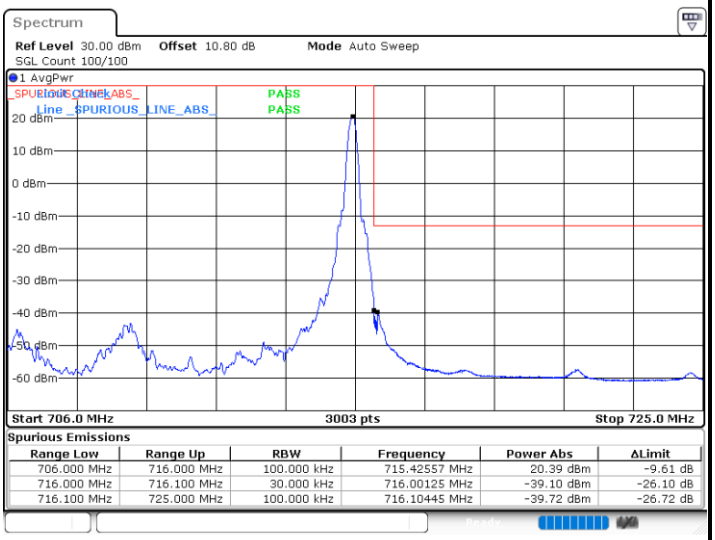


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-37.33 dBm	-24.33 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99985 MHz	-37.00 dBm	-24.00 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.61439 MHz	20.02 dBm	-9.98 dB

Date: 7.APR.2021 00:56:46

Highest Band Edge / 1 RB

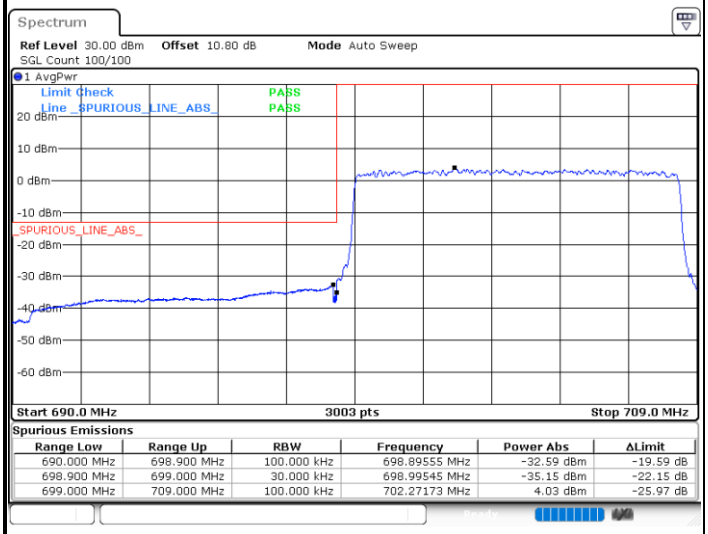


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.42557 MHz	20.39 dBm	-9.61 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00125 MHz	-39.10 dBm	-26.10 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-39.72 dBm	-26.72 dB

Date: 7.APR.2021 01:02:46

Lowest Band Edge / Full RB

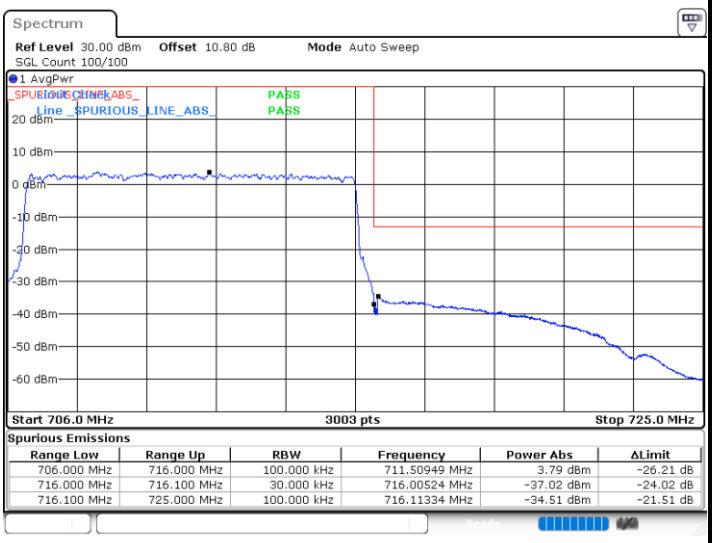


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-32.59 dBm	-19.59 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99545 MHz	-35.15 dBm	-22.15 dB
699.000 MHz	709.000 MHz	100.000 kHz	702.27173 MHz	4.03 dBm	-25.97 dB

Date: 7.APR.2021 00:54:35

Highest Band Edge / Full RB



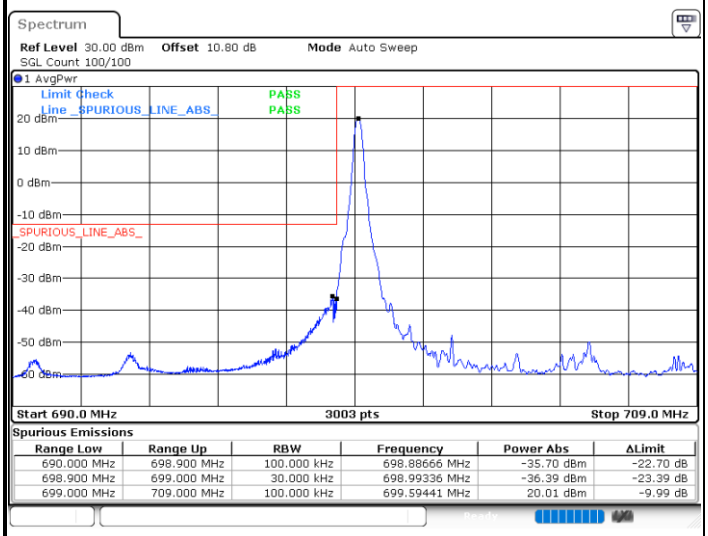
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	711.50949 MHz	3.79 dBm	-26.21 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00524 MHz	-37.02 dBm	-24.02 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-34.51 dBm	-21.51 dB

Date: 7.APR.2021 01:00:35

LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

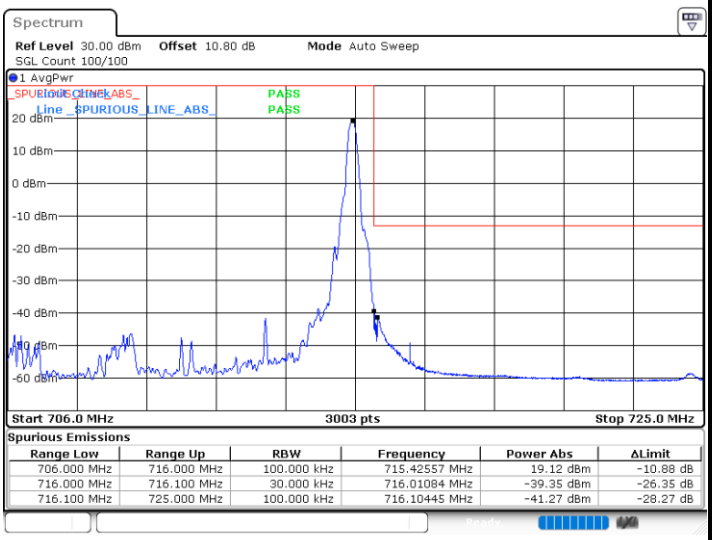


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-35.70 dBm	-22.70 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99336 MHz	-36.39 dBm	-23.39 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.59441 MHz	20.01 dBm	-9.99 dB

Date: 7.APR.2021 00:56:03

Highest Band Edge / 1 RB

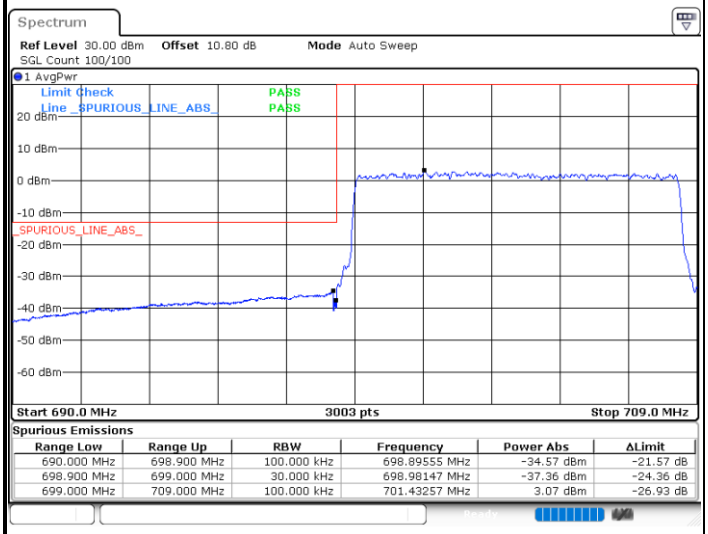


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.42557 MHz	19.12 dBm	-10.88 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01084 MHz	-39.35 dBm	-26.35 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-41.27 dBm	-28.27 dB

Date: 7.APR.2021 01:02:02

Lowest Band Edge / Full RB

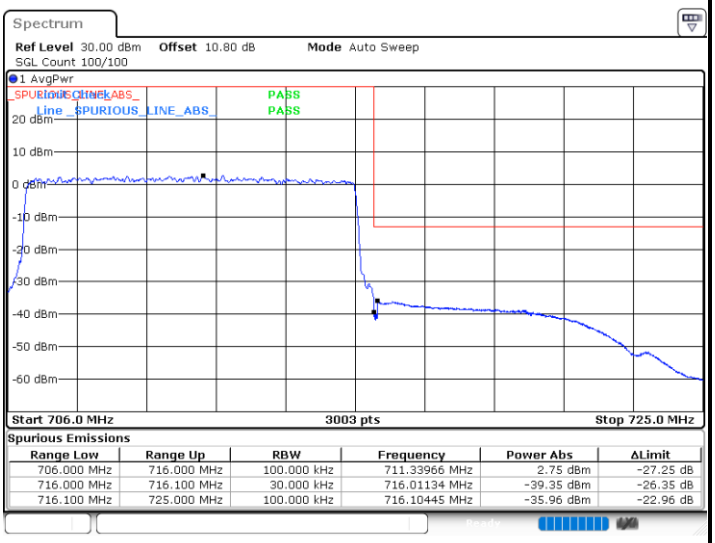


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-34.57 dBm	-21.57 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98147 MHz	-37.36 dBm	-24.36 dB
699.000 MHz	709.000 MHz	100.000 kHz	701.43257 MHz	3.07 dBm	-26.93 dB

Date: 7.APR.2021 00:55:18

Highest Band Edge / Full RB



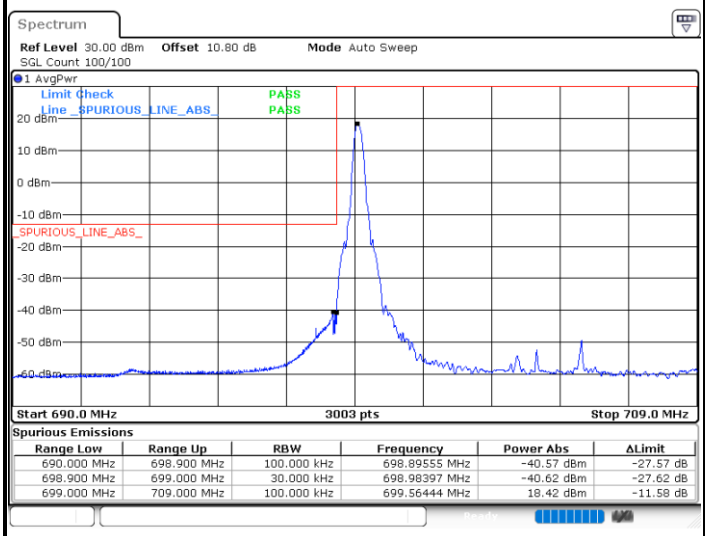
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	711.33966 MHz	2.75 dBm	-27.25 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01134 MHz	-39.35 dBm	-26.35 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-35.96 dBm	-22.96 dB

Date: 7.APR.2021 01:01:19

LTE Band 12 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

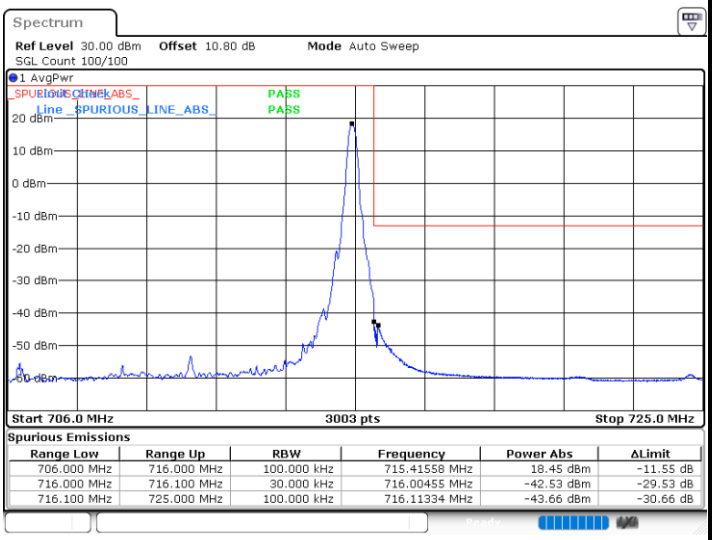


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-40.57 dBm	-27.57 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98397 MHz	-40.62 dBm	-27.62 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.56444 MHz	18.42 dBm	-11.58 dB

Date: 7.APR.2021 01:05:08

Highest Band Edge / 1 RB

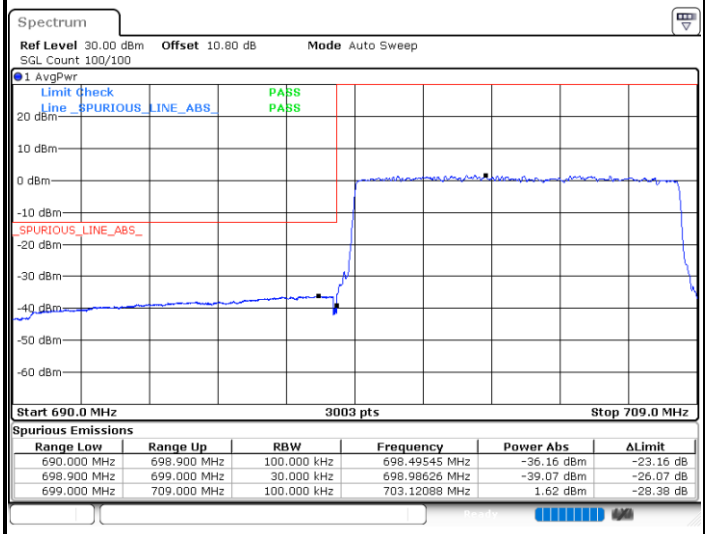


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.41558 MHz	18.45 dBm	-11.55 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00455 MHz	-42.53 dBm	-29.53 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-43.66 dBm	-30.66 dB

Date: 7.APR.2021 01:07:15

Lowest Band Edge / Full RB

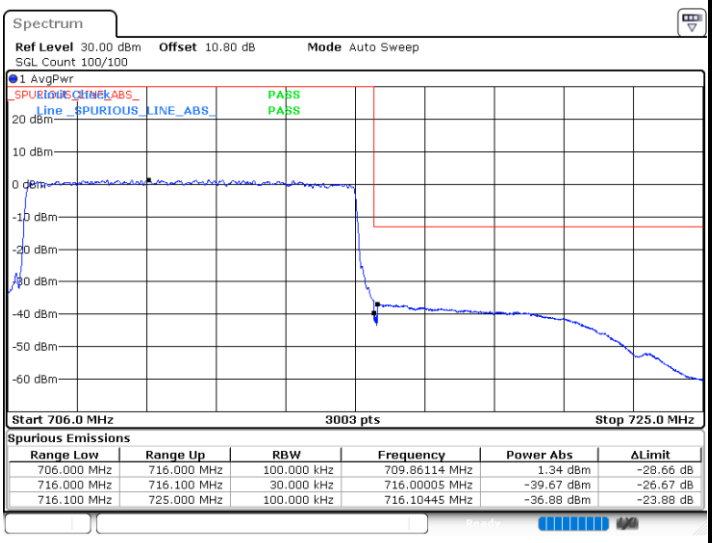


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.49545 MHz	-36.16 dBm	-23.16 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98626 MHz	-39.07 dBm	-26.07 dB
699.000 MHz	709.000 MHz	100.000 kHz	703.12088 MHz	1.62 dBm	-28.38 dB

Date: 7.APR.2021 01:04:24

Highest Band Edge / Full RB



Spurious Emissions

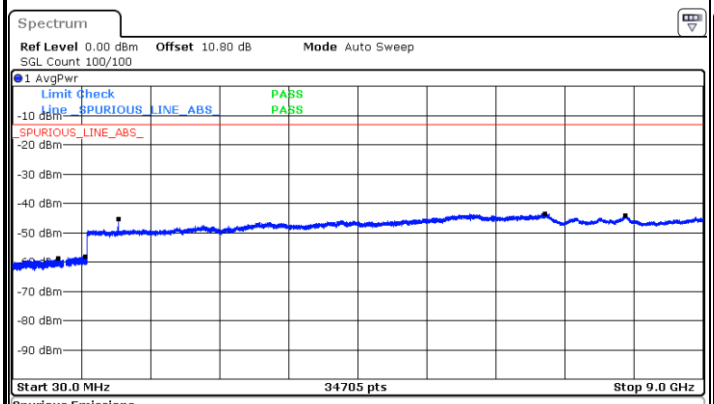
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	709.86114 MHz	1.34 dBm	-28.66 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00005 MHz	-39.67 dBm	-26.67 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-36.88 dBm	-23.88 dB

Date: 7.APR.2021 01:06:31

Conducted Spurious Emission

LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

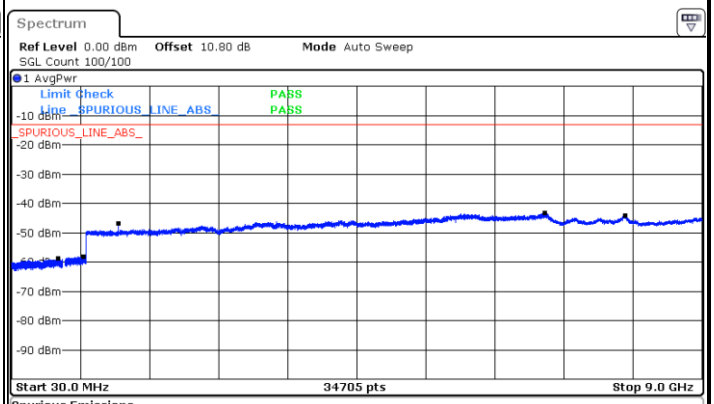


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	622.73010 MHz	-58.87 dBm	-45.87 dB
725.000 MHz	1.000 GHz	100.000 kHz	970.38039 MHz	-58.08 dBm	-45.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-45.40 dBm	-32.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94426 GHz	-43.57 dBm	-30.57 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.99150 GHz	-44.23 dBm	-31.23 dB

Date: 7.APR.2021 00:16:49

Middle Channel / QPSK

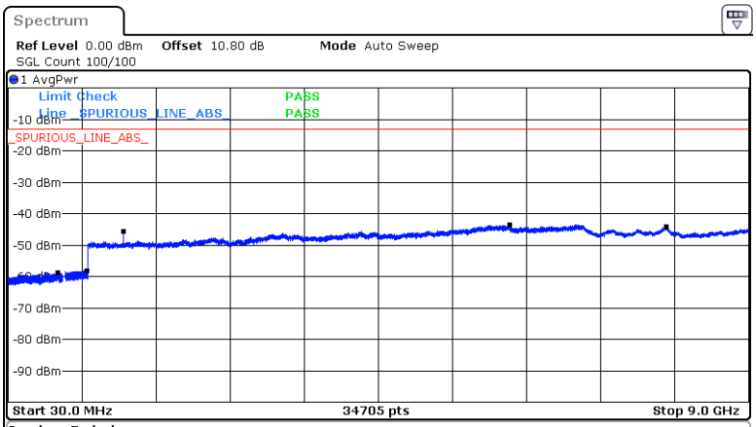


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	631.57943 MHz	-58.76 dBm	-45.76 dB
725.000 MHz	1.000 GHz	100.000 kHz	965.93119 MHz	-58.11 dBm	-45.11 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41465 GHz	-46.74 dBm	-33.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95826 GHz	-43.36 dBm	-30.36 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.99700 GHz	-44.10 dBm	-31.10 dB

Date: 7.APR.2021 00:19:10

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	634.07924 MHz	-58.71 dBm	-45.71 dB
725.000 MHz	1.000 GHz	100.000 kHz	987.92720 MHz	-58.16 dBm	-45.16 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-45.74 dBm	-32.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.09986 GHz	-43.45 dBm	-30.45 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00400 GHz	-44.27 dBm	-31.27 dB

Date: 7.APR.2021 00:22:56