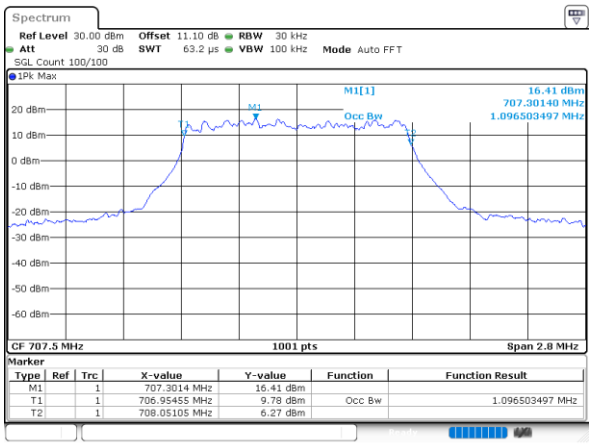
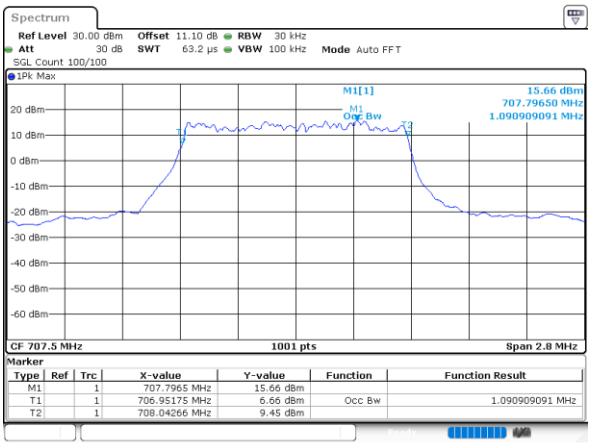
LTE Band 12

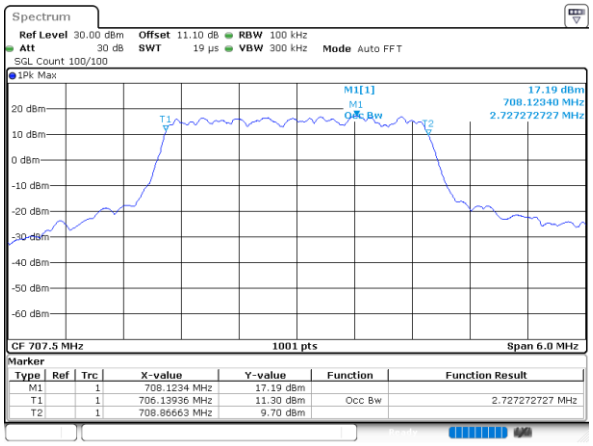
Middle Channel / 1.4MHz / QPSK



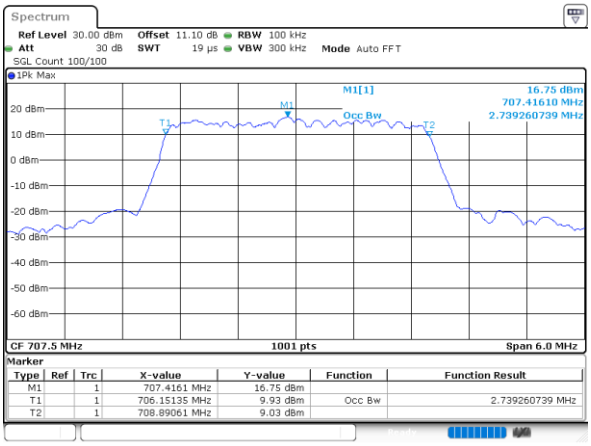
Middle Channel / 1.4MHz / 16QAM



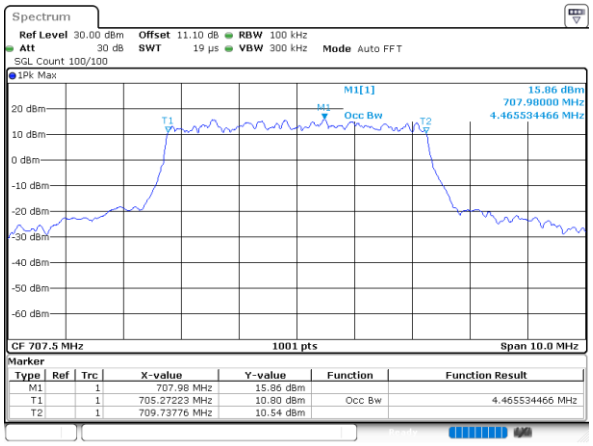
Middle Channel / 3MHz / QPSK



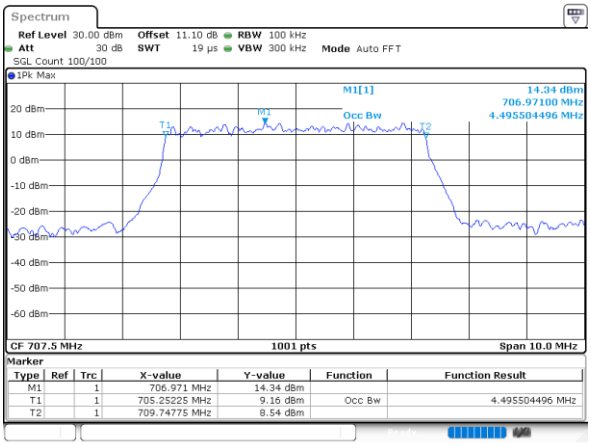
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

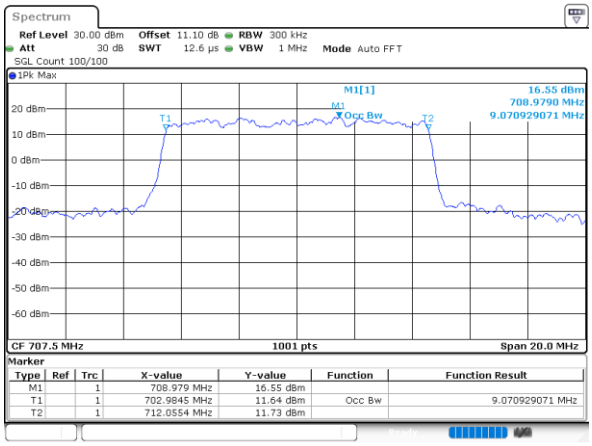


Middle Channel / 5MHz / 16QAM

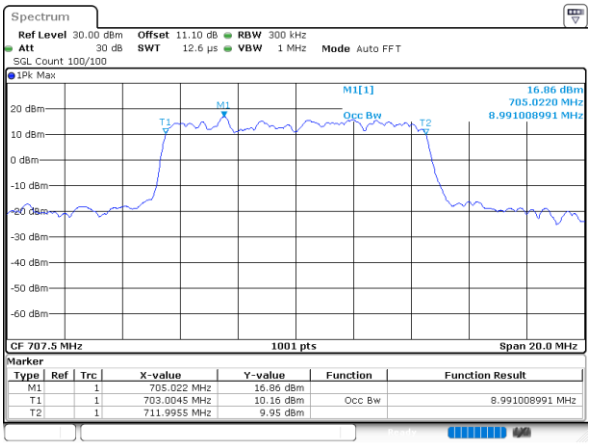


LTE Band 12

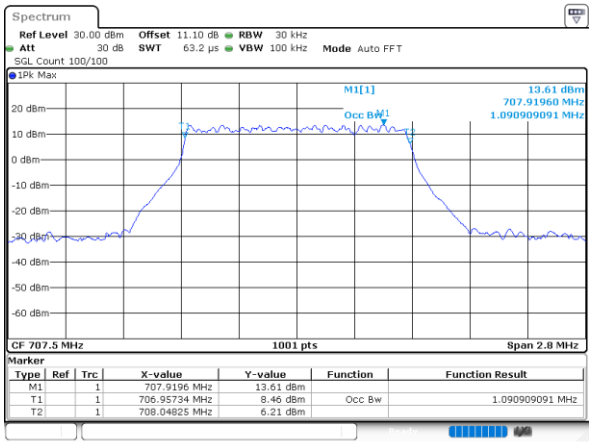
Middle Channel / 10MHz / QPSK



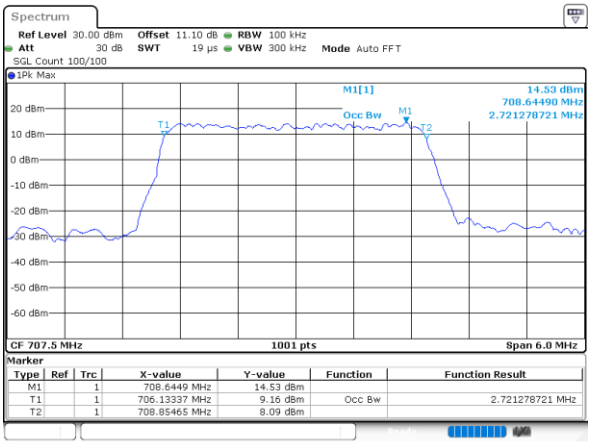
Middle Channel / 10MHz / 16QAM



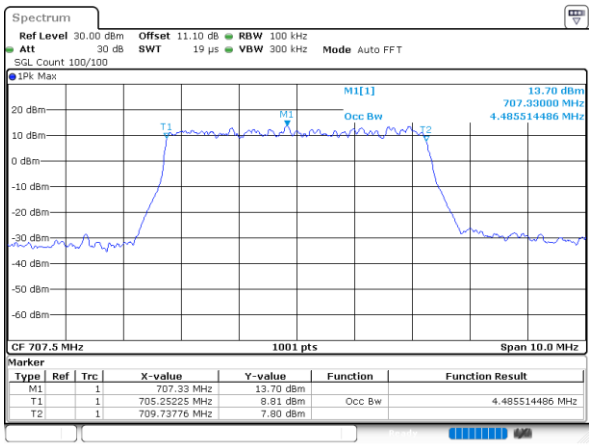
Middle Channel / 1.4MHz / 64QAM



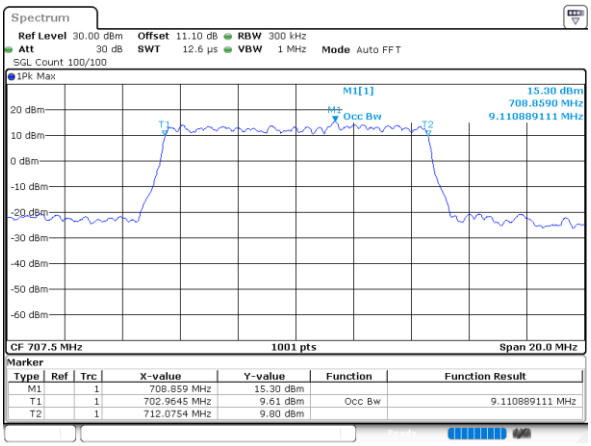
Middle Channel / 3MHz / 64QAM



Middle Channel / 5MHz / 64QAM

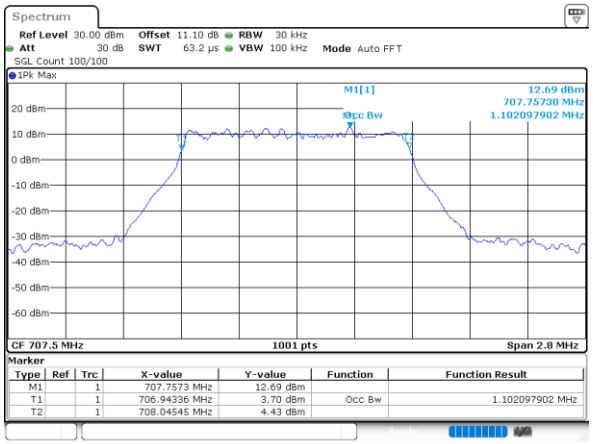


Middle Channel / 10MHz / 64QAM

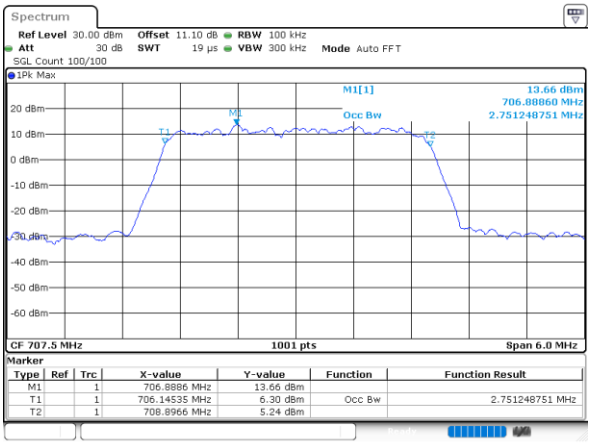


LTE Band 12

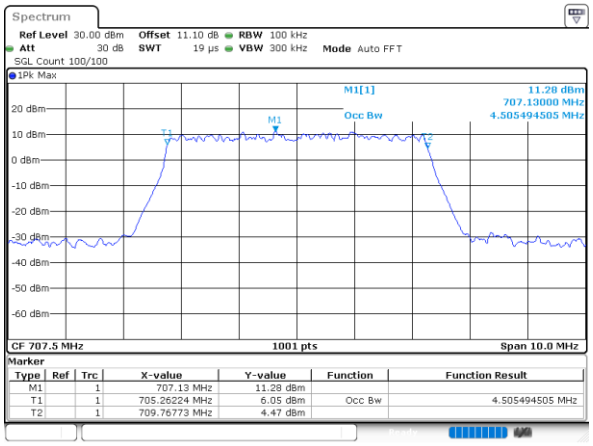
Middle Channel / 1.4MHz / 256QAM



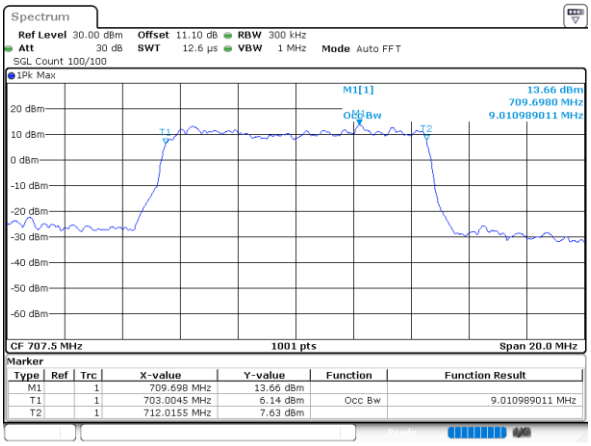
Middle Channel / 3MHz / 256QAM



Middle Channel / 5MHz / 256QAM



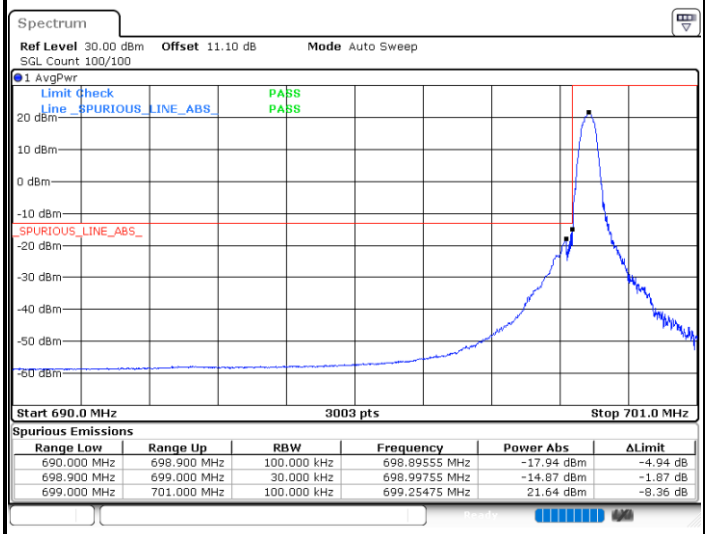
Middle Channel / 10MHz / 256QAM



Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

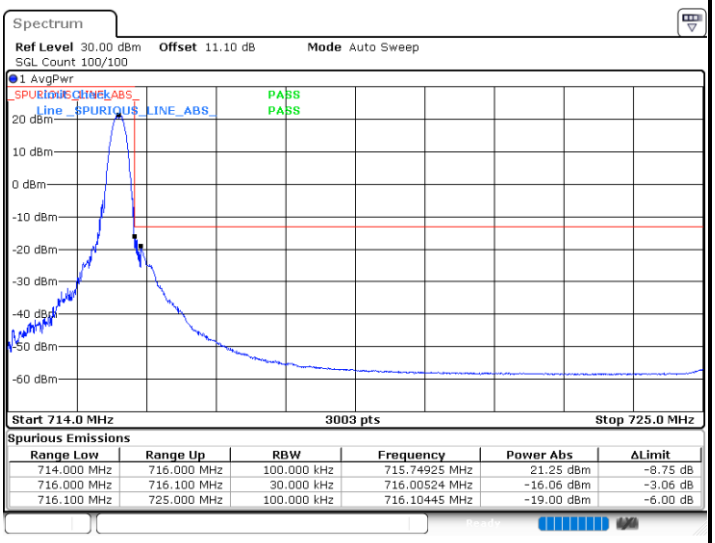


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-17.94 dBm	-4.94 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99755 MHz	-14.87 dBm	-1.87 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.25475 MHz	21.64 dBm	-8.36 dB

Date: 26.NOV.2021 20:35:22

Highest Band Edge / 1RB

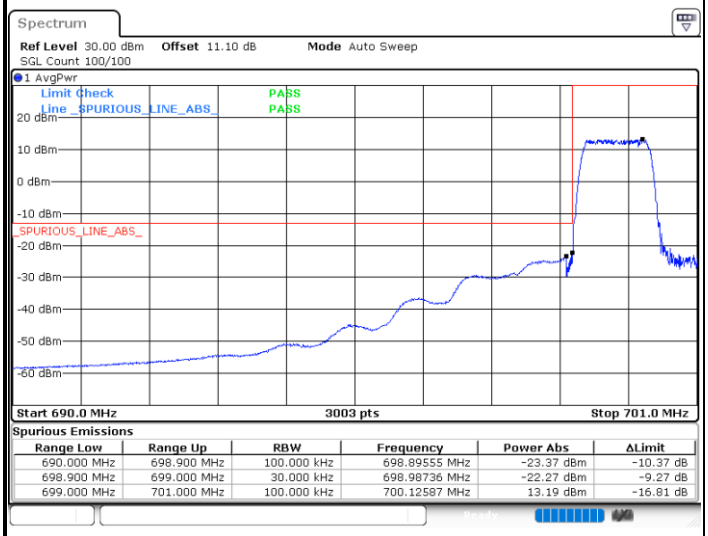


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.74925 MHz	21.25 dBm	-8.75 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00524 MHz	-16.06 dBm	-3.06 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-19.00 dBm	-6.00 dB

Date: 26.NOV.2021 20:48:41

Lowest Band Edge / Full RB

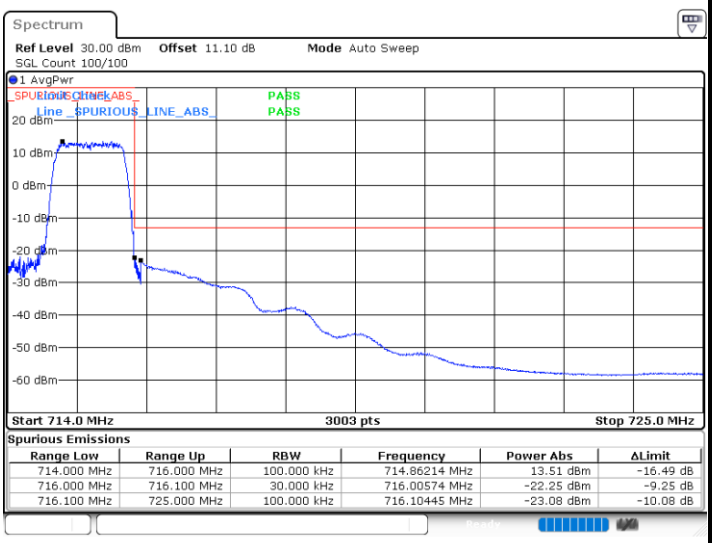


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-23.37 dBm	-10.37 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98736 MHz	-22.27 dBm	-9.27 dB
699.000 MHz	701.000 MHz	100.000 kHz	700.12587 MHz	13.19 dBm	-16.81 dB

Date: 26.NOV.2021 20:33:03

Highest Band Edge / Full RB



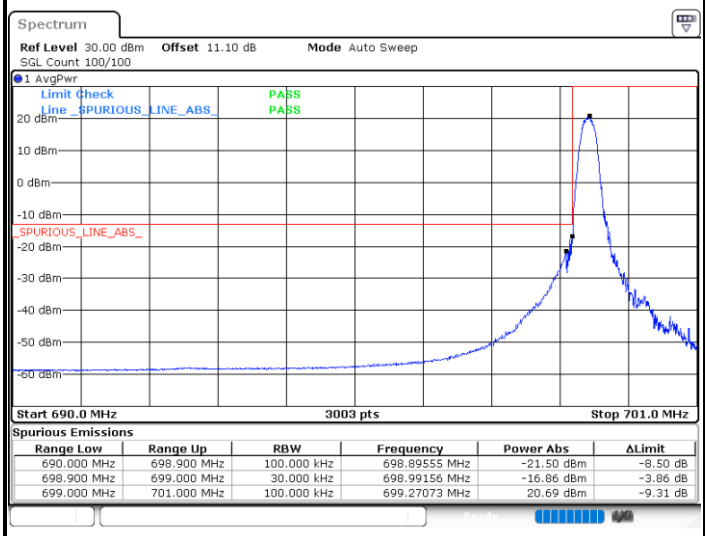
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	714.86214 MHz	13.51 dBm	-16.49 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00574 MHz	-22.25 dBm	-9.25 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-23.08 dBm	-10.08 dB

Date: 26.NOV.2021 20:46:21

LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

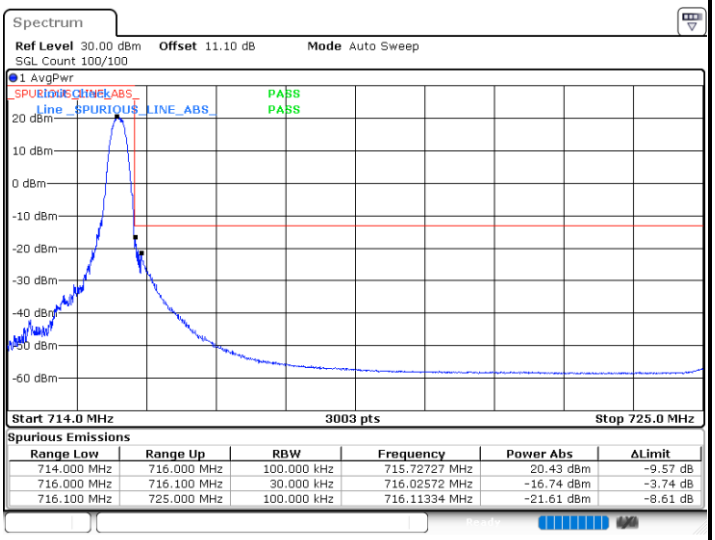


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-21.50 dBm	-8.50 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99156 MHz	-16.86 dBm	-3.86 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.27073 MHz	20.69 dBm	-9.31 dB

Date: 26.NOV.2021 20:34:37

Highest Band Edge / 1 RB

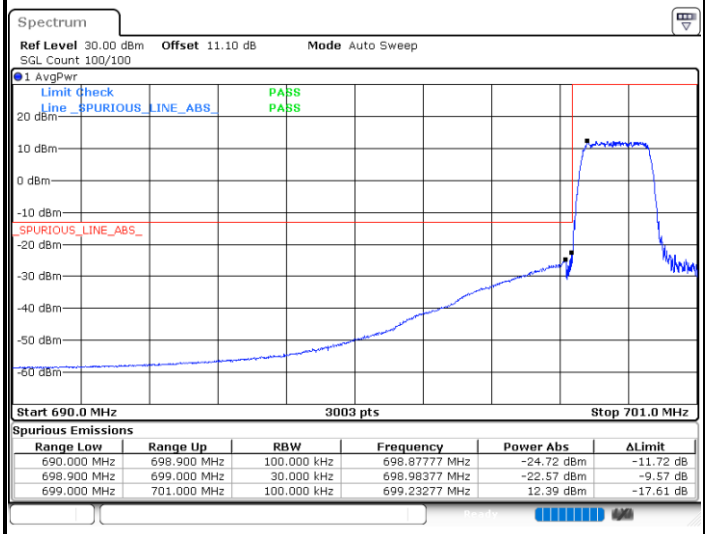


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.72727 MHz	20.43 dBm	-9.57 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.02572 MHz	-16.74 dBm	-3.74 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-21.61 dBm	-8.61 dB

Date: 26.NOV.2021 20:47:54

Lowest Band Edge / Full RB

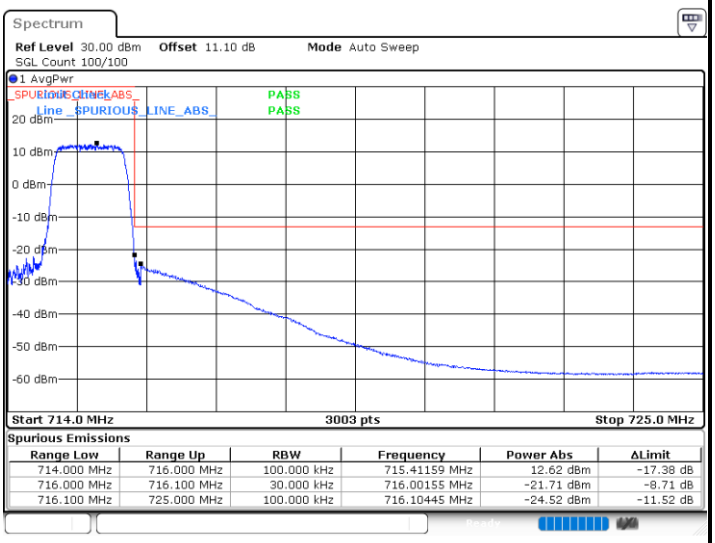


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.87777 MHz	-24.72 dBm	-11.72 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98377 MHz	-22.57 dBm	-9.57 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.23277 MHz	12.39 dBm	-17.61 dB

Date: 26.NOV.2021 20:33:50

Highest Band Edge / Full RB



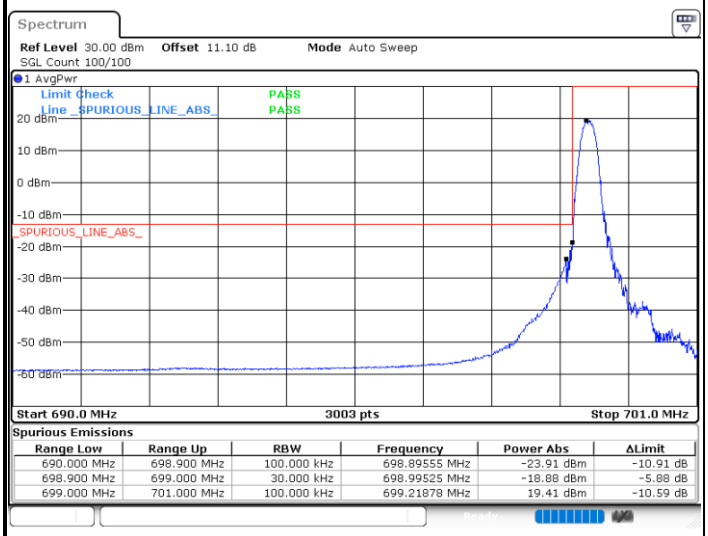
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.41159 MHz	12.62 dBm	-17.38 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00155 MHz	-21.71 dBm	-8.71 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-24.52 dBm	-11.52 dB

Date: 26.NOV.2021 20:47:08

LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

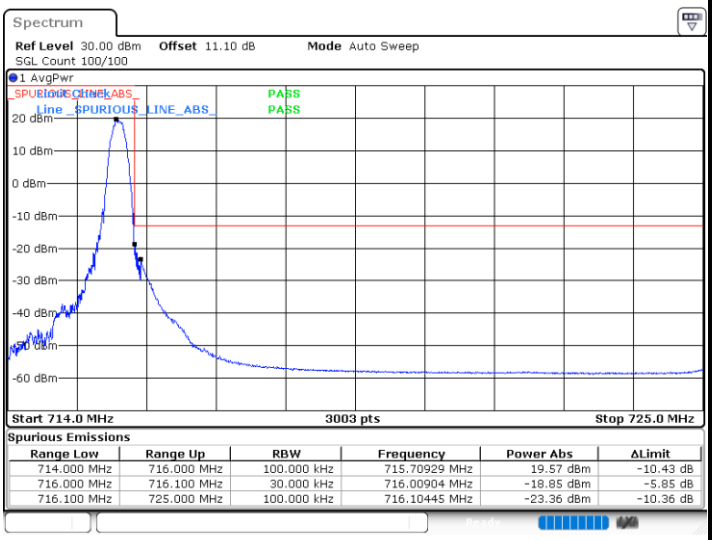


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-23.91 dBm	-10.91 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99525 MHz	-18.88 dBm	-5.88 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.21878 MHz	19.41 dBm	-10.59 dB

Date: 26.NOV.2021 20:51:13

Highest Band Edge / 1 RB

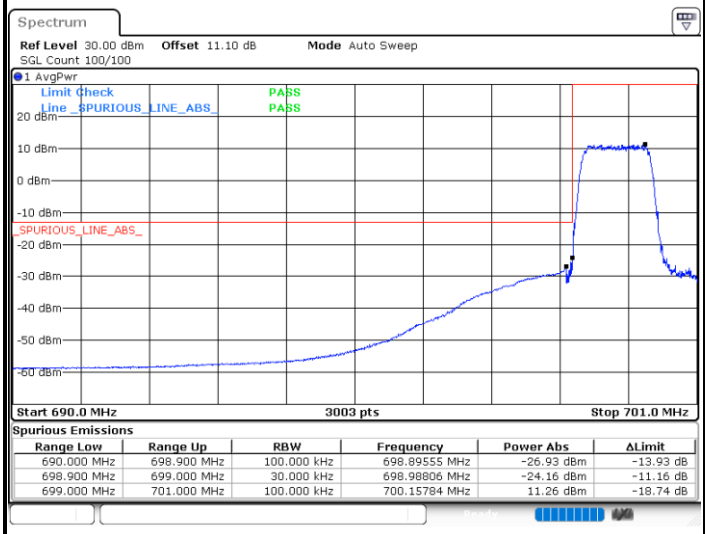


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.70929 MHz	19.57 dBm	-10.43 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00904 MHz	-18.85 dBm	-5.85 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-23.36 dBm	-10.36 dB

Date: 26.NOV.2021 20:53:28

Lowest Band Edge / Full RB

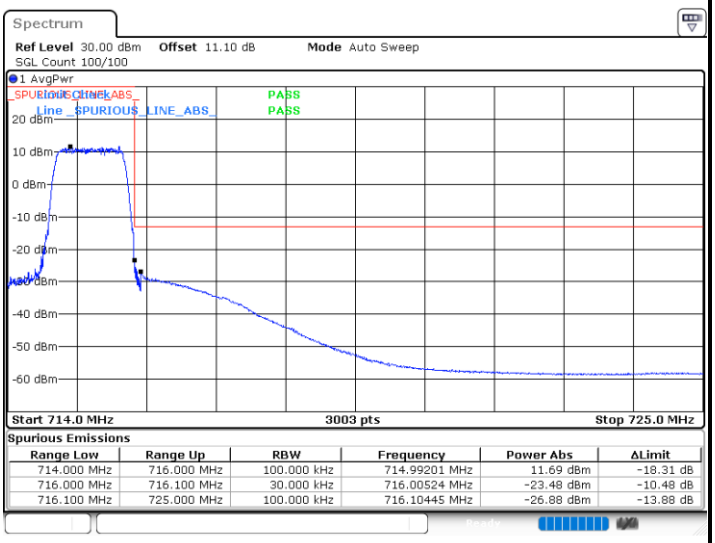


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-26.93 dBm	-13.93 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98806 MHz	-24.16 dBm	-11.16 dB
699.000 MHz	701.000 MHz	100.000 kHz	700.15784 MHz	11.26 dBm	-18.74 dB

Date: 26.NOV.2021 20:50:24

Highest Band Edge / Full RB



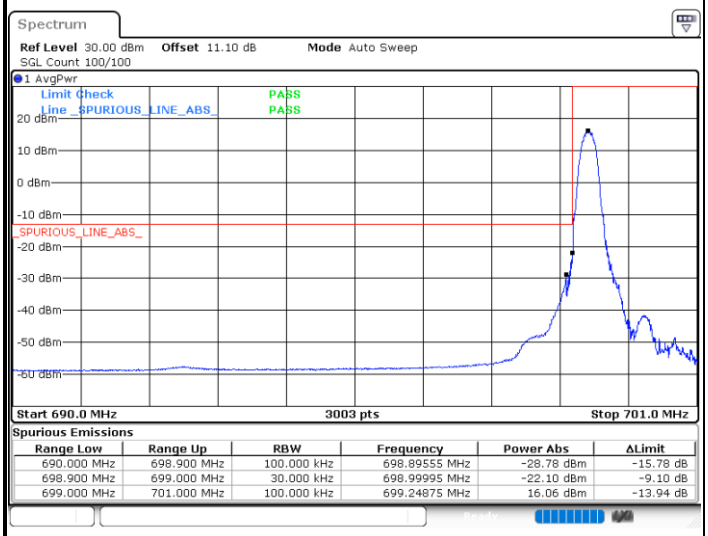
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	714.99201 MHz	11.69 dBm	-18.31 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00524 MHz	-23.48 dBm	-10.48 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-26.88 dBm	-13.88 dB

Date: 26.NOV.2021 20:52:41

LTE Band 12 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB

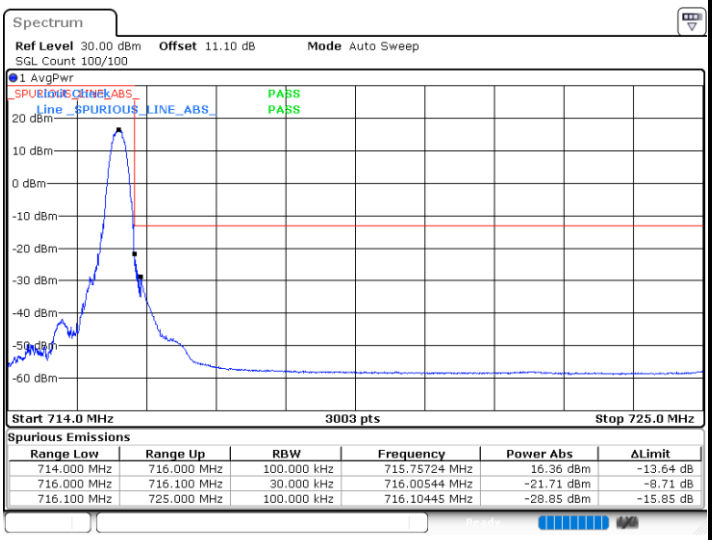


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.78 dBm	-15.78 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-22.10 dBm	-9.10 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.24875 MHz	16.06 dBm	-13.94 dB

Date: 26.NOV.2021 21:39:28

Highest Band Edge / 1 RB

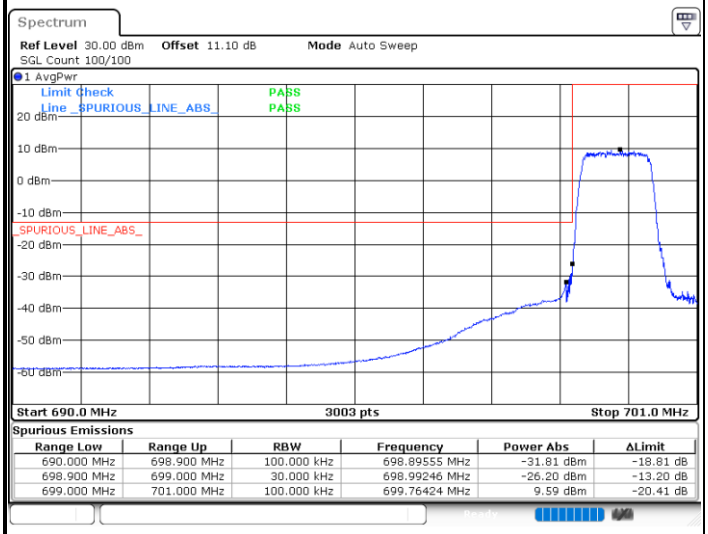


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.75724 MHz	16.36 dBm	-13.64 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00544 MHz	-21.71 dBm	-8.71 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.85 dBm	-15.85 dB

Date: 26.NOV.2021 21:45:49

Lowest Band Edge / Full RB

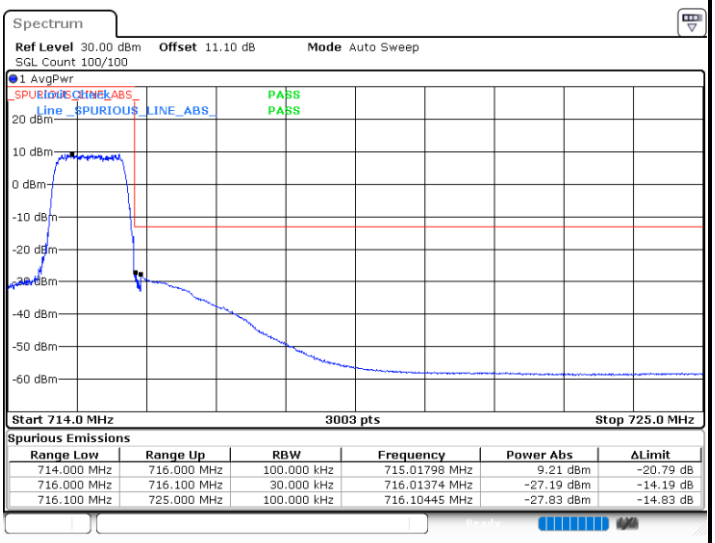


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.81 dBm	-18.81 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99246 MHz	-26.20 dBm	-13.20 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.76424 MHz	9.59 dBm	-20.41 dB

Date: 26.NOV.2021 21:40:18

Highest Band Edge / Full RB



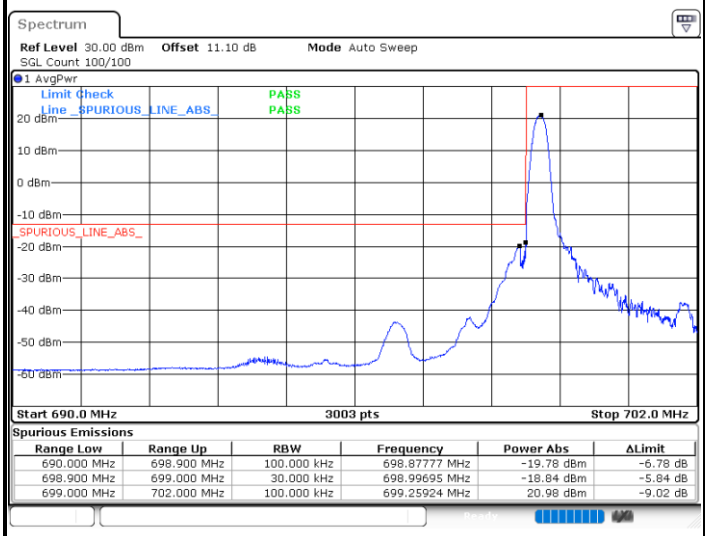
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.01798 MHz	9.21 dBm	-20.79 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01374 MHz	-27.19 dBm	-14.19 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-27.83 dBm	-14.83 dB

Date: 26.NOV.2021 21:44:32

LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB

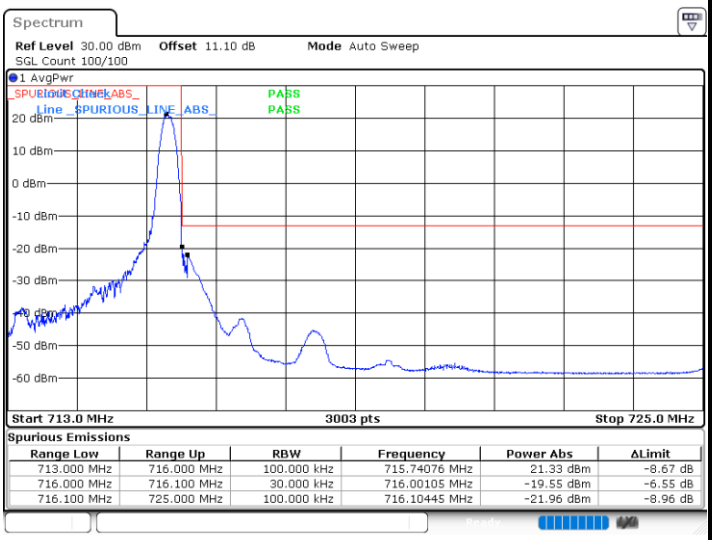


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.87777 MHz	-19.78 dBm	-6.78 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99695 MHz	-18.84 dBm	-5.84 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.25924 MHz	20.98 dBm	-9.02 dB

Date: 26.NOV.2021 20:56:36

Highest Band Edge / 1 RB

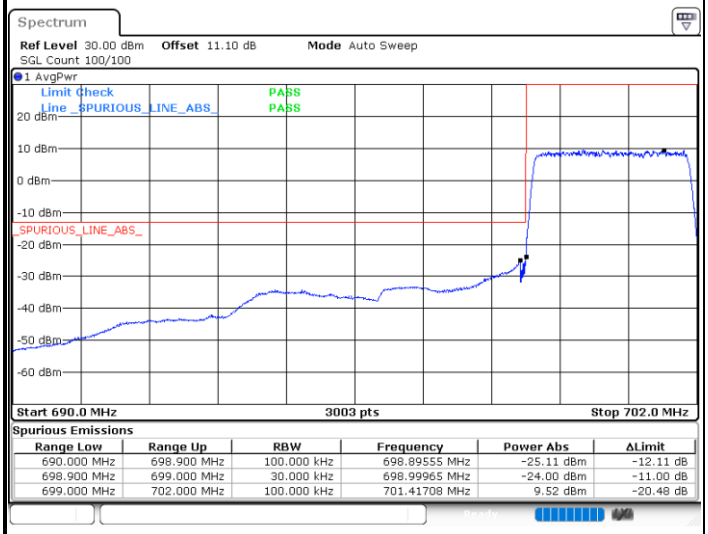


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.74076 MHz	21.33 dBm	-8.67 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00105 MHz	-19.55 dBm	-6.55 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-21.96 dBm	-8.96 dB

Date: 26.NOV.2021 21:02:58

Lowest Band Edge / Full RB

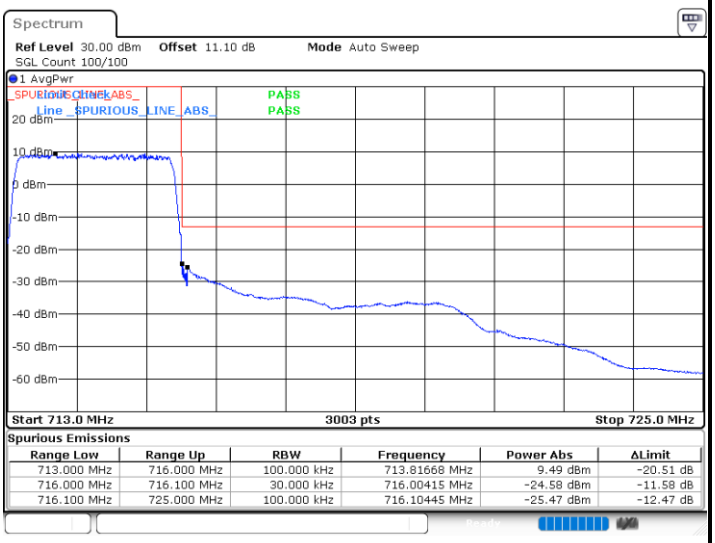


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-25.11 dBm	-12.11 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99965 MHz	-24.00 dBm	-11.00 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.41708 MHz	9.52 dBm	-20.48 dB

Date: 26.NOV.2021 20:54:15

Highest Band Edge / Full RB



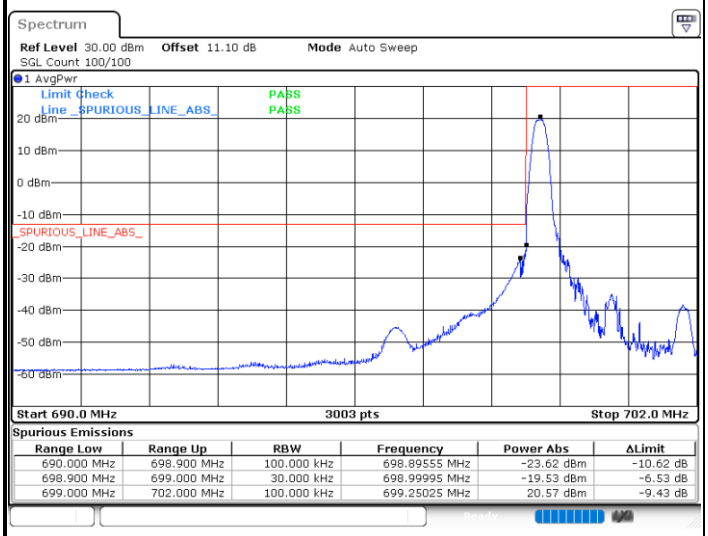
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.81668 MHz	9.49 dBm	-20.51 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00415 MHz	-24.58 dBm	-11.58 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-25.47 dBm	-12.47 dB

Date: 26.NOV.2021 21:00:37

LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

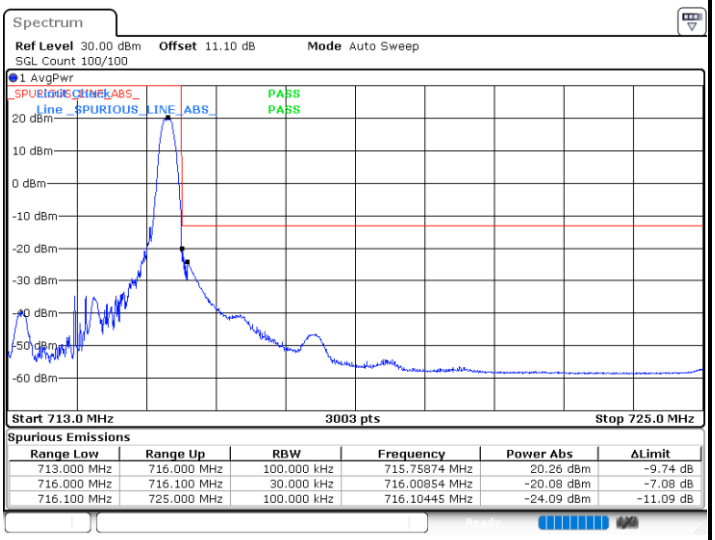


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-23.62 dBm	-10.62 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-19.53 dBm	-6.53 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.25025 MHz	20.57 dBm	-9.43 dB

Date: 26.NOV.2021 20:55:49

Highest Band Edge /1 RB

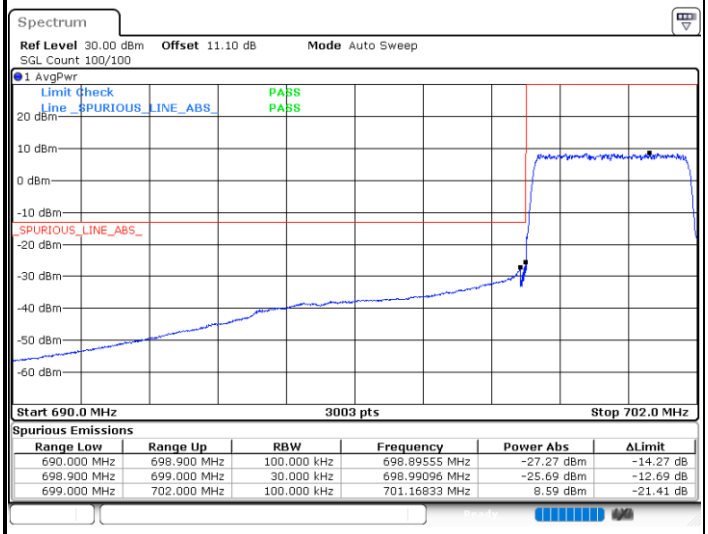


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.75874 MHz	20.26 dBm	-9.74 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00854 MHz	-20.08 dBm	-7.08 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-24.09 dBm	-11.09 dB

Date: 26.NOV.2021 21:02:11

Lowest Band Edge / Full RB

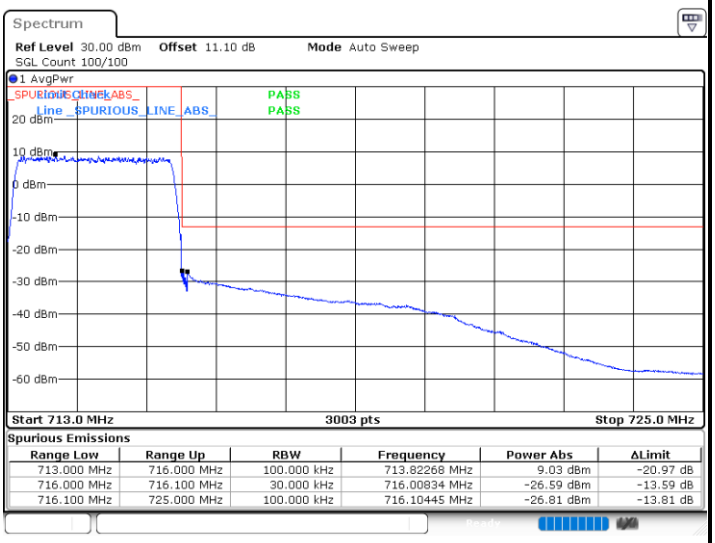


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.27 dBm	-14.27 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99096 MHz	-25.69 dBm	-12.69 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.16833 MHz	8.59 dBm	-21.41 dB

Date: 26.NOV.2021 20:55:02

Highest Band Edge / Full RB



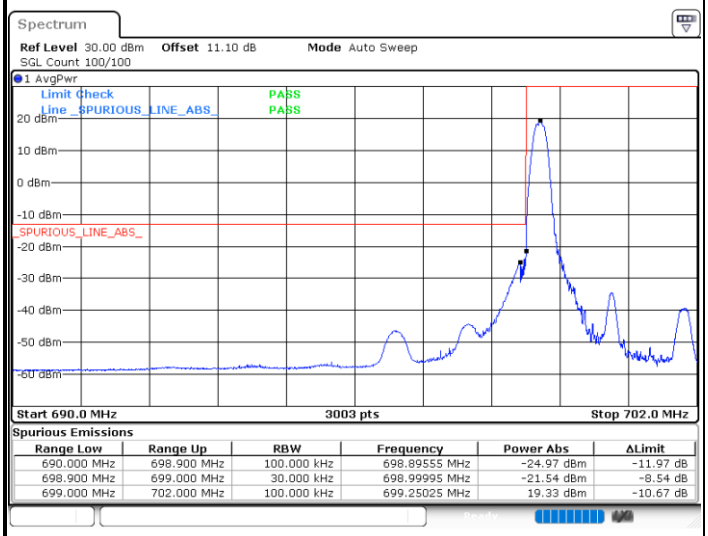
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.82268 MHz	9.03 dBm	-20.97 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00834 MHz	-26.59 dBm	-13.59 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-26.81 dBm	-13.81 dB

Date: 26.NOV.2021 21:01:24

LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB

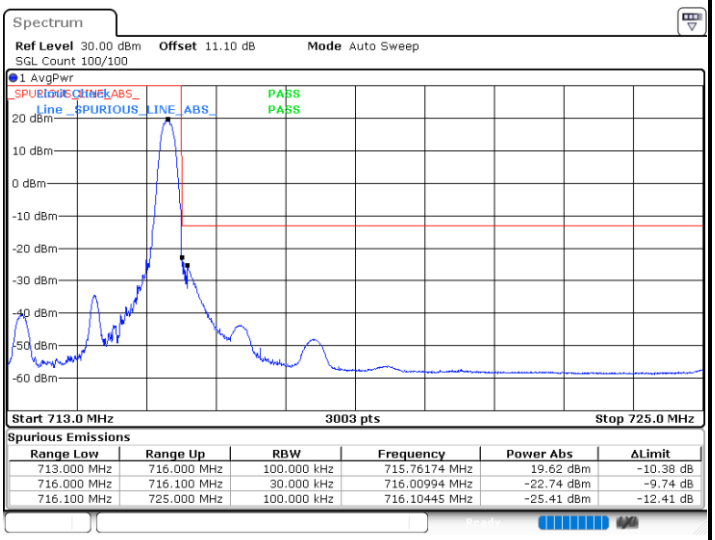


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-24.97 dBm	-11.97 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-21.54 dBm	-8.54 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.25025 MHz	19.33 dBm	-10.67 dB

Date: 26.NOV.2021 21:05:28

Highest Band Edge /1 RB

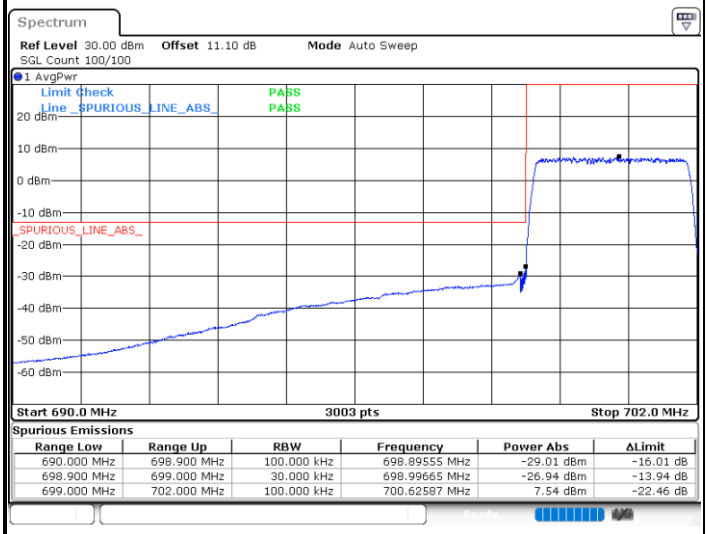


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.76174 MHz	19.62 dBm	-10.38 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00994 MHz	-22.74 dBm	-9.74 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-25.41 dBm	-12.41 dB

Date: 26.NOV.2021 21:07:42

Lowest Band Edge / Full RB

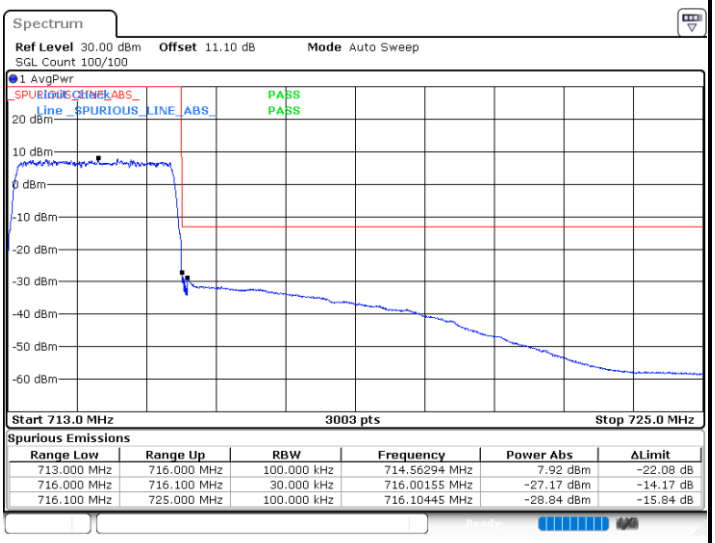


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.01 dBm	-16.01 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99665 MHz	-26.94 dBm	-13.94 dB
699.000 MHz	702.000 MHz	100.000 kHz	700.62587 MHz	7.54 dBm	-22.46 dB

Date: 26.NOV.2021 21:04:41

Highest Band Edge / Full RB



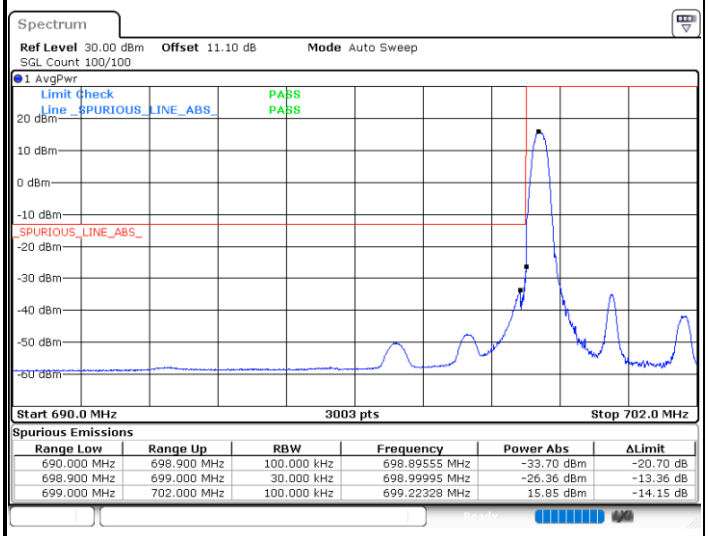
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	714.56294 MHz	7.92 dBm	-22.08 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00155 MHz	-27.17 dBm	-14.17 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.84 dBm	-15.84 dB

Date: 26.NOV.2021 21:06:55

LTE Band 12 / 3MHz / 256QAM

Lowest Band Edge / 1 RB

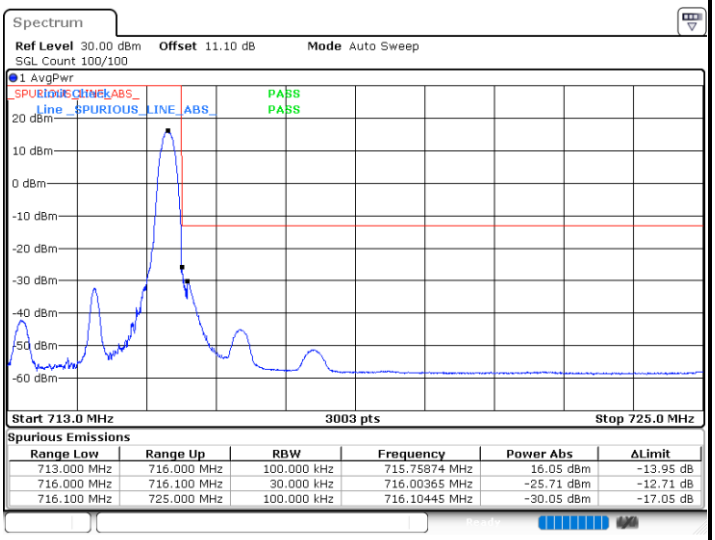


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-33.70 dBm	-20.70 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-26.36 dBm	-13.36 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.22328 MHz	15.85 dBm	-14.15 dB

Date: 26.NOV.2021 21:47:09

Highest Band Edge /1 RB

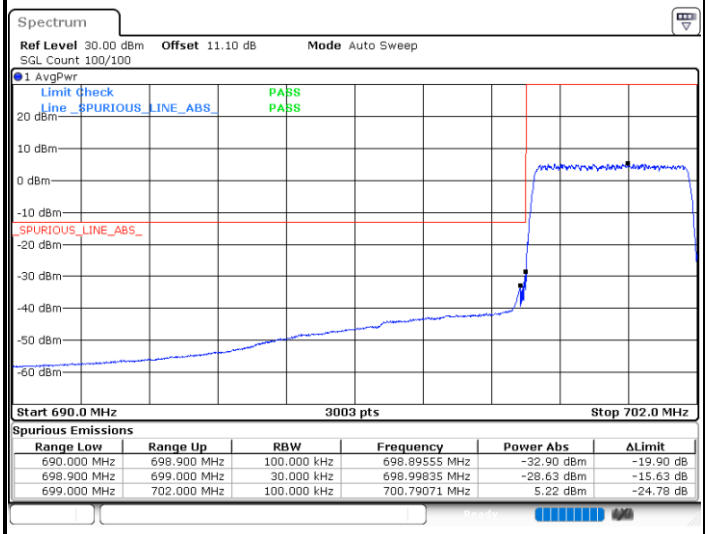


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.75874 MHz	16.05 dBm	-13.95 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00365 MHz	-25.71 dBm	-12.71 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.05 dBm	-17.05 dB

Date: 26.NOV.2021 21:50:56

Lowest Band Edge / Full RB

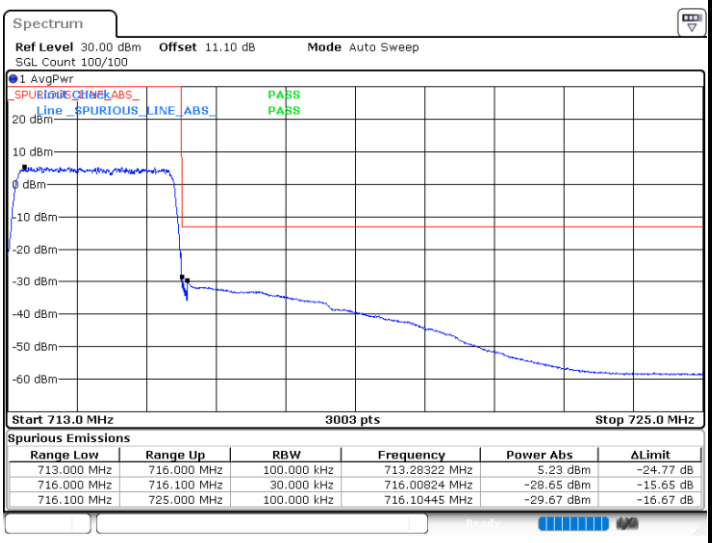


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-32.90 dBm	-19.90 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99835 MHz	-28.63 dBm	-15.63 dB
699.000 MHz	702.000 MHz	100.000 kHz	700.79071 MHz	5.22 dBm	-24.78 dB

Date: 26.NOV.2021 21:47:57

Highest Band Edge / Full RB



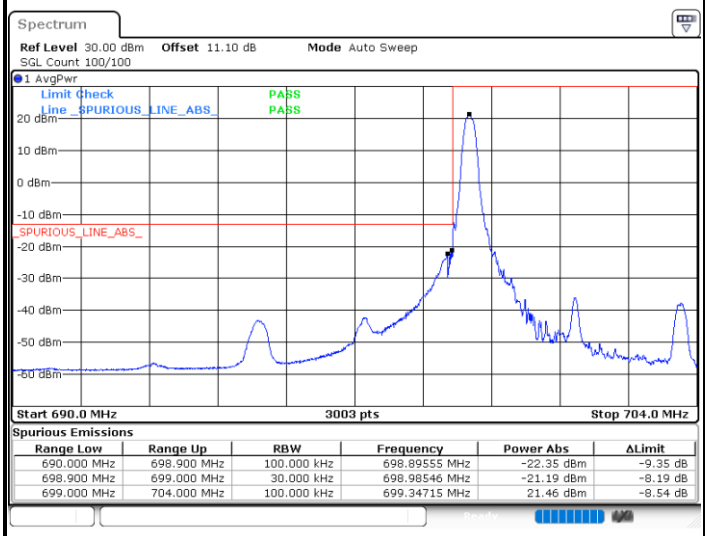
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.28322 MHz	5.23 dBm	-24.77 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00824 MHz	-28.65 dBm	-15.65 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.67 dBm	-16.67 dB

Date: 26.NOV.2021 21:50:06

LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB

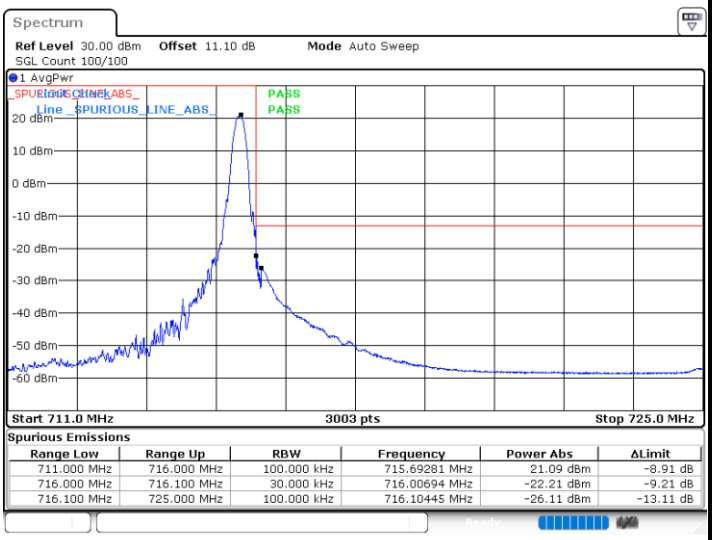


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-22.35 dBm	-9.35 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98546 MHz	-21.19 dBm	-8.19 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.34715 MHz	21.46 dBm	-8.54 dB

Date: 26.NOV.2021 21:14:40

Highest Band Edge / 1 RB

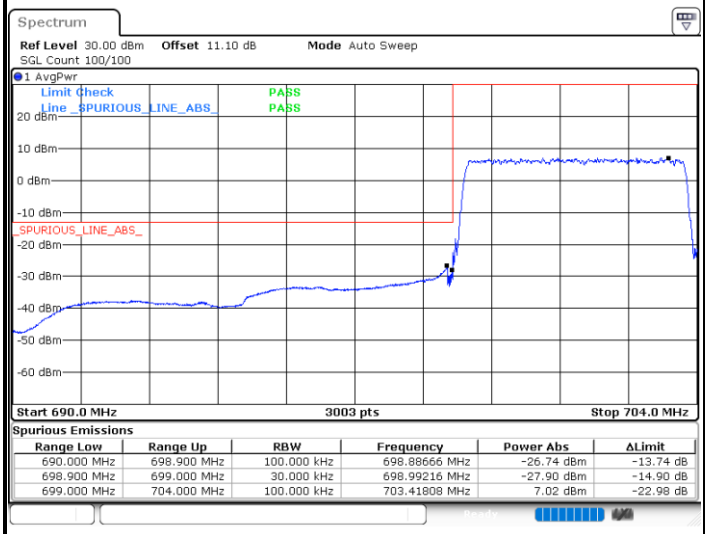


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.69281 MHz	21.09 dBm	-8.91 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00694 MHz	-22.21 dBm	-9.21 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-26.11 dBm	-13.11 dB

Date: 26.NOV.2021 21:20:15

Lowest Band Edge / Full RB

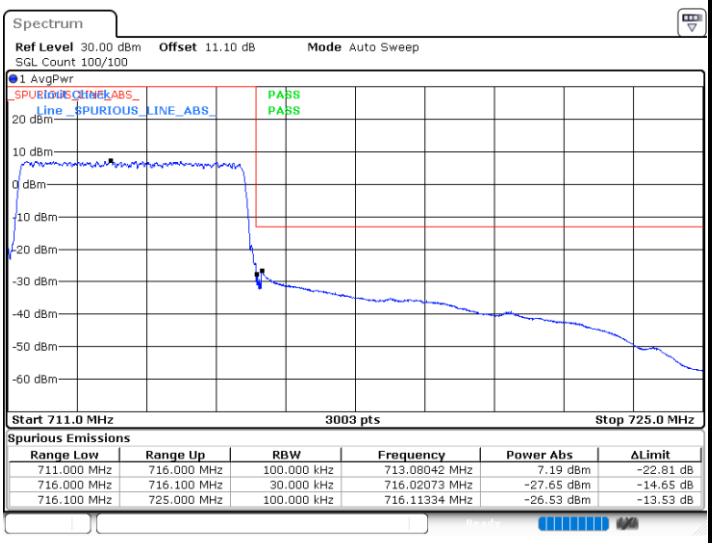


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-26.74 dBm	-13.74 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99216 MHz	-27.90 dBm	-14.90 dB
699.000 MHz	704.000 MHz	100.000 kHz	703.41808 MHz	7.02 dBm	-22.98 dB

Date: 26.NOV.2021 21:12:19

Highest Band Edge / Full RB



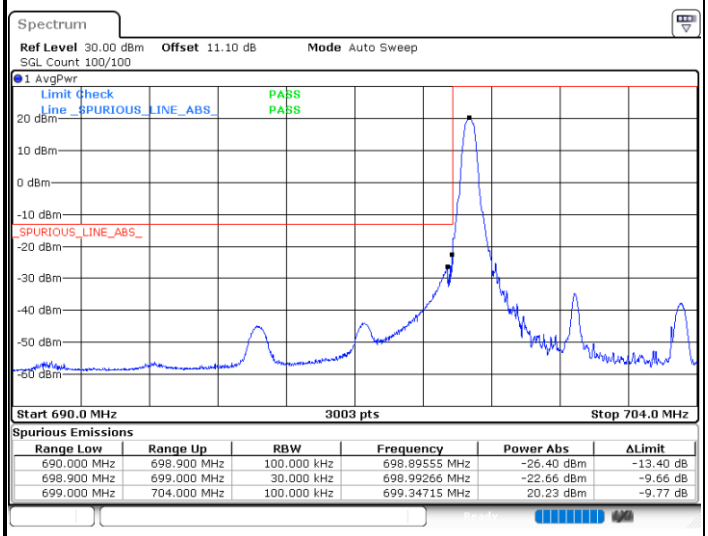
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	713.08042 MHz	7.19 dBm	-22.81 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.02073 MHz	-27.65 dBm	-14.65 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-26.53 dBm	-13.53 dB

Date: 26.NOV.2021 21:18:41

LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB

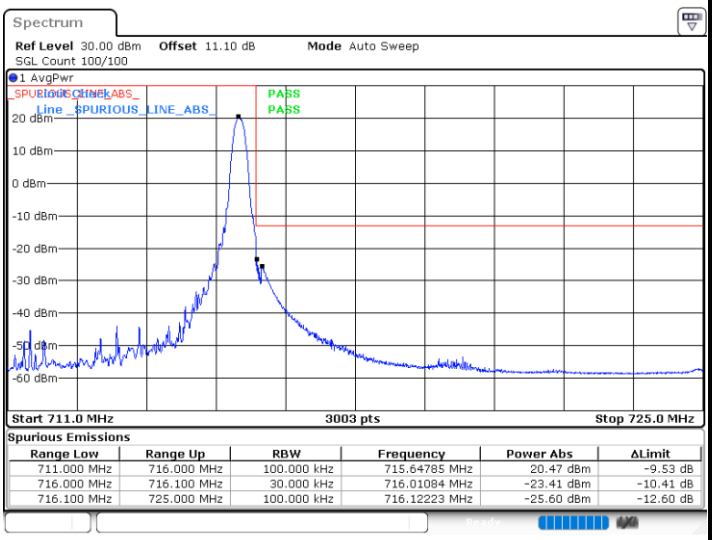


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-26.40 dBm	-13.40 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99266 MHz	-22.66 dBm	-9.66 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.34715 MHz	20.23 dBm	-9.77 dB

Date: 26.NOV.2021 21:13:53

Highest Band Edge / 1 RB

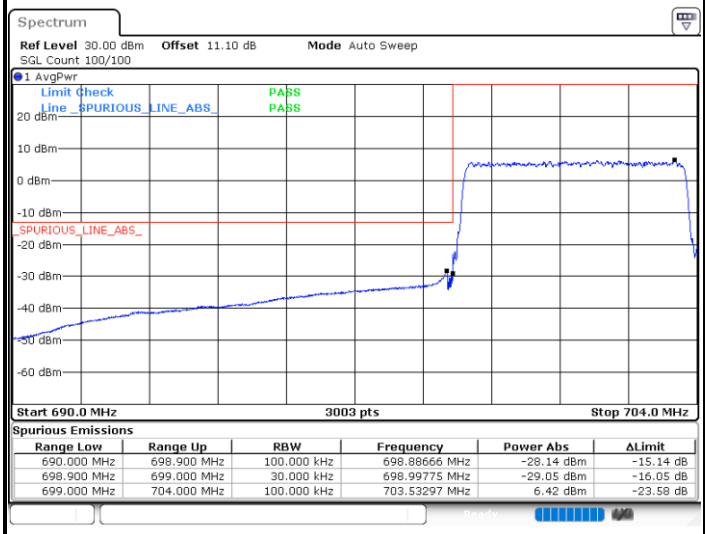


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.64785 MHz	20.47 dBm	-9.53 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01084 MHz	-23.41 dBm	-10.41 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.12223 MHz	-25.60 dBm	-12.60 dB

Date: 26.NOV.2021 21:21:02

Lowest Band Edge / Full RB

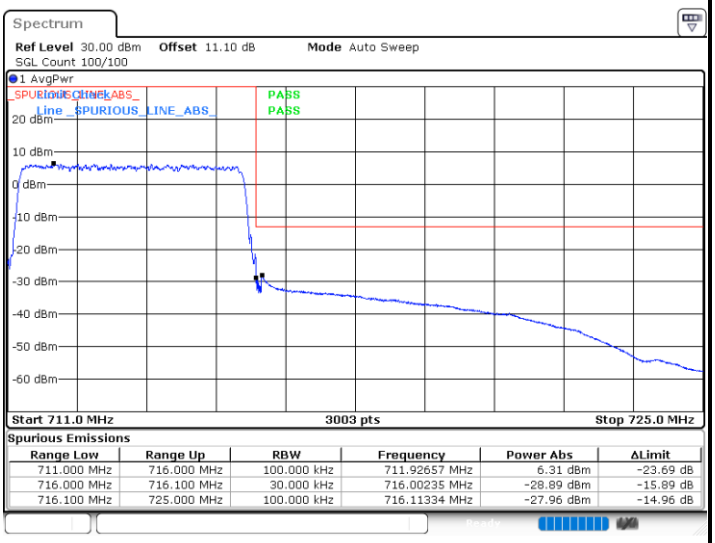


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-28.14 dBm	-15.14 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99775 MHz	-29.05 dBm	-16.05 dB
699.000 MHz	704.000 MHz	100.000 kHz	703.53297 MHz	6.42 dBm	-23.58 dB

Date: 26.NOV.2021 21:13:06

Highest Band Edge / Full RB



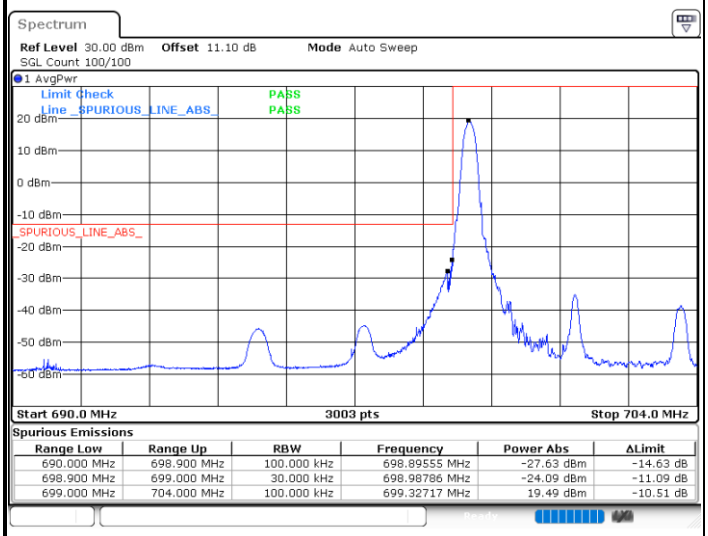
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.92657 MHz	6.31 dBm	-23.69 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00235 MHz	-28.89 dBm	-15.89 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-27.96 dBm	-14.96 dB

Date: 26.NOV.2021 21:19:28

LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / 1RB

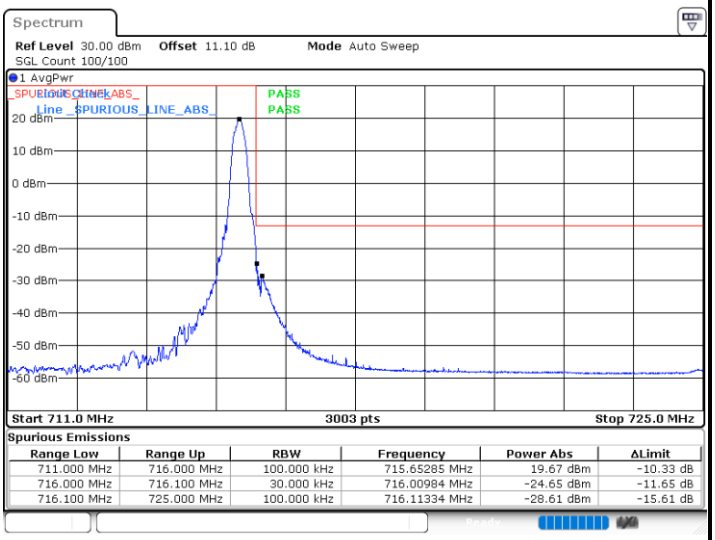


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.63 dBm	-14.63 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98786 MHz	-24.09 dBm	-11.09 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.32717 MHz	19.49 dBm	-10.51 dB

Date: 26.NOV.2021 21:09:16

Highest Band Edge / 1 RB

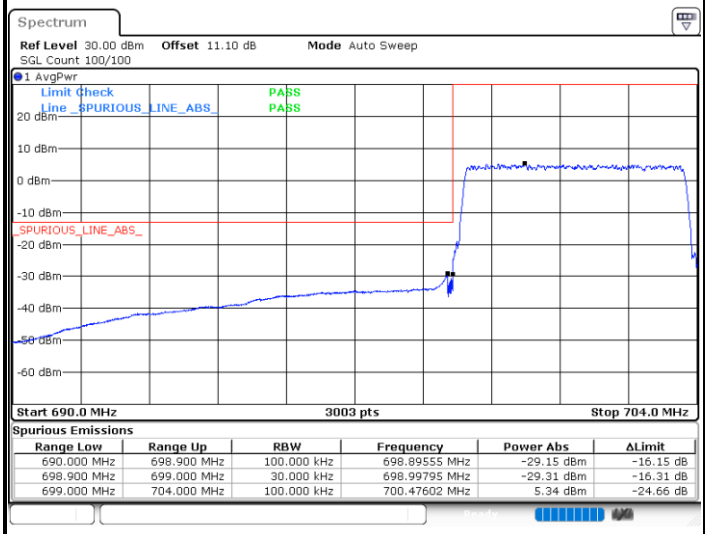


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.65285 MHz	19.67 dBm	-10.33 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00984 MHz	-24.65 dBm	-11.65 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-28.61 dBm	-15.61 dB

Date: 26.NOV.2021 21:11:33

Lowest Band Edge / Full RB

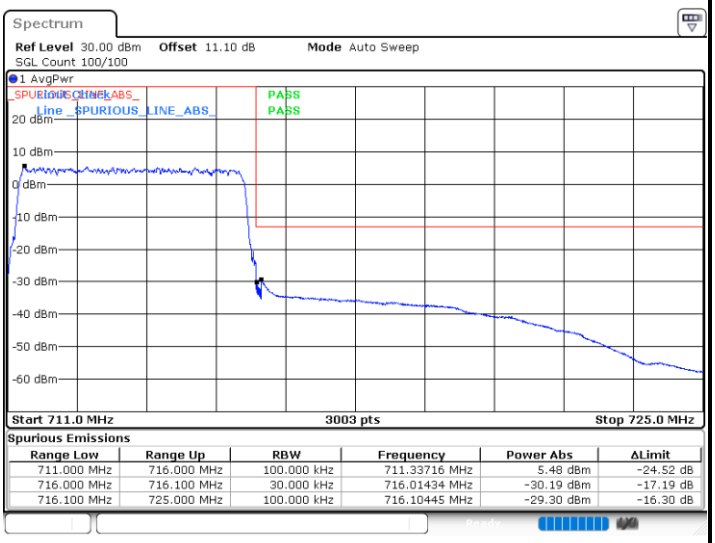


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.15 dBm	-16.15 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99795 MHz	-29.31 dBm	-16.31 dB
699.000 MHz	704.000 MHz	100.000 kHz	700.47602 MHz	5.34 dBm	-24.66 dB

Date: 26.NOV.2021 21:08:30

Highest Band Edge / Full RB



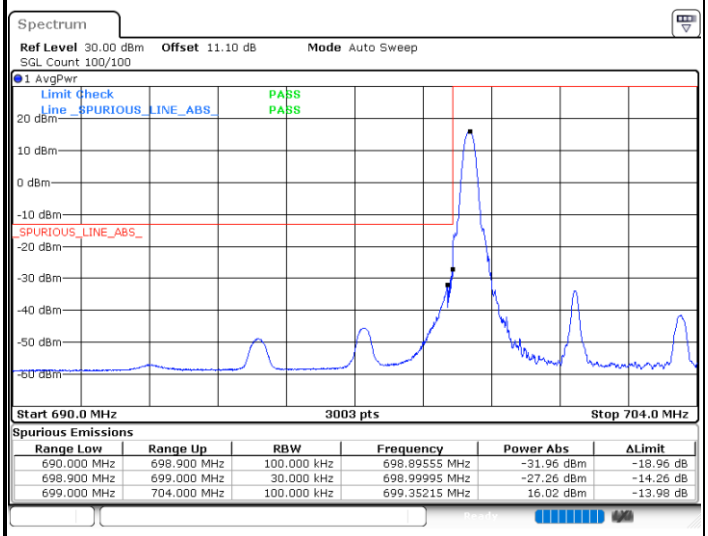
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.33716 MHz	5.48 dBm	-24.52 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01434 MHz	-30.19 dBm	-17.19 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.30 dBm	-16.30 dB

Date: 26.NOV.2021 21:10:46

LTE Band 12 / 5MHz / 256QAM

Lowest Band Edge / 1RB

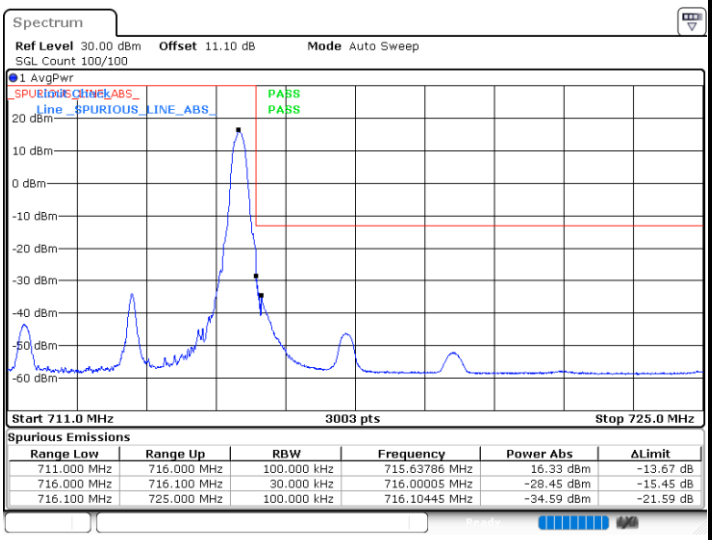


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.96 dBm	-18.96 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-27.26 dBm	-14.26 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.35215 MHz	16.02 dBm	-13.98 dB

Date: 26.NOV.2021 21:52:01

Highest Band Edge / 1 RB

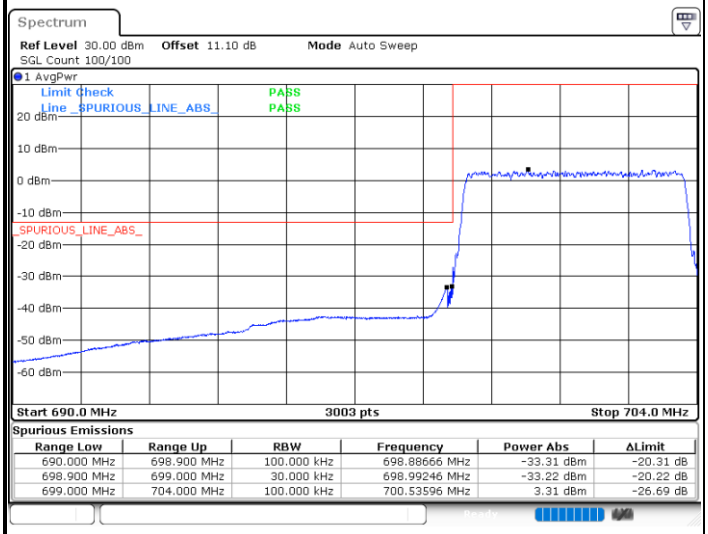


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.63786 MHz	16.33 dBm	-13.67 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00005 MHz	-28.45 dBm	-15.45 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.59 dBm	-21.59 dB

Date: 26.NOV.2021 21:55:29

Lowest Band Edge / Full RB

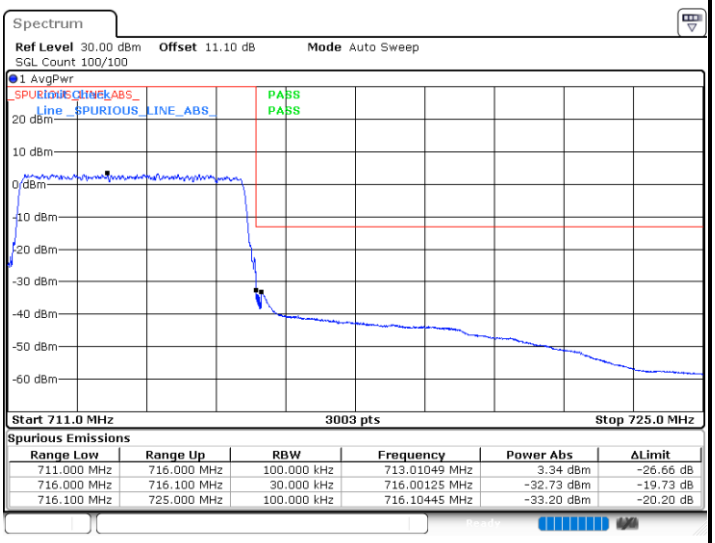


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-33.31 dBm	-20.31 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99246 MHz	-33.22 dBm	-20.22 dB
699.000 MHz	704.000 MHz	100.000 kHz	700.53596 MHz	3.31 dBm	-26.69 dB

Date: 26.NOV.2021 21:52:50

Highest Band Edge / Full RB



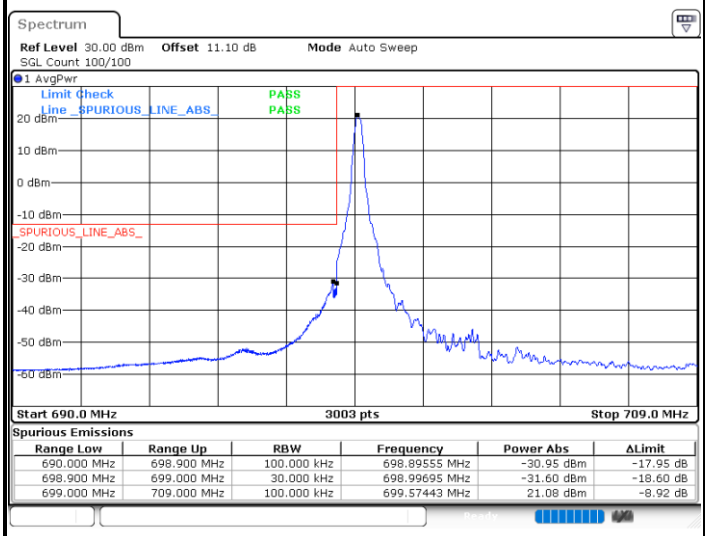
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	713.01049 MHz	3.34 dBm	-26.66 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00125 MHz	-32.73 dBm	-19.73 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.20 dBm	-20.20 dB

Date: 26.NOV.2021 21:54:41

LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB

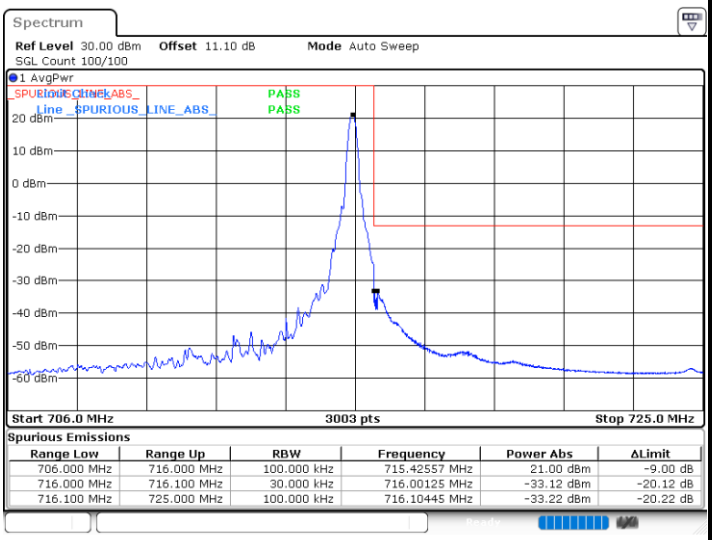


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.95 dBm	-17.95 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99695 MHz	-31.60 dBm	-18.60 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.57443 MHz	21.08 dBm	-8.92 dB

Date: 26.NOV.2021 21:25:05

Highest Band Edge / 1 RB

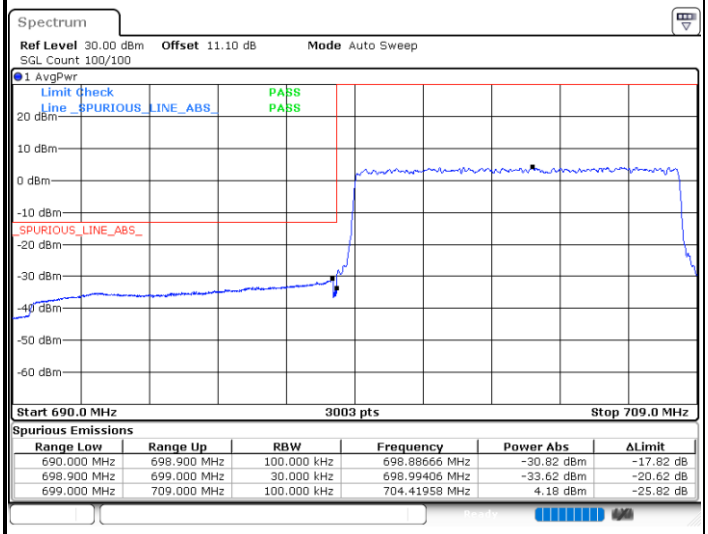


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.42557 MHz	21.00 dBm	-9.00 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00125 MHz	-33.12 dBm	-20.12 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.22 dBm	-20.22 dB

Date: 26.NOV.2021 21:31:26

Lowest Band Edge / Full RB

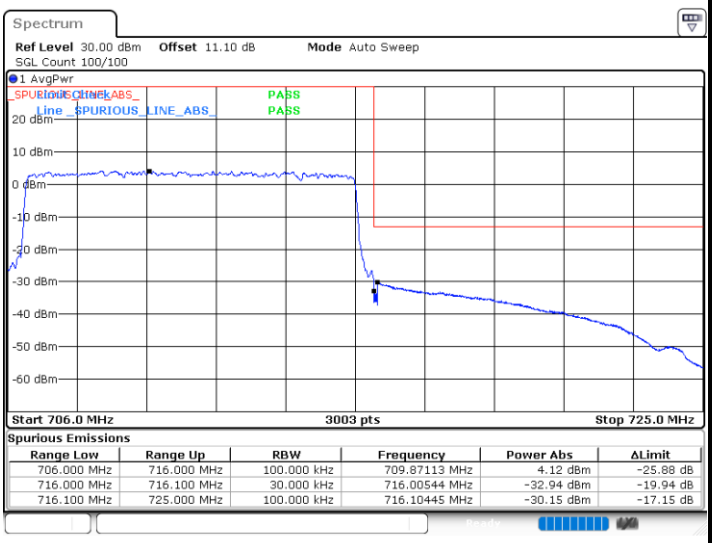


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-30.82 dBm	-17.82 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99406 MHz	-33.62 dBm	-20.62 dB
699.000 MHz	709.000 MHz	100.000 kHz	704.41958 MHz	4.18 dBm	-25.82 dB

Date: 26.NOV.2021 21:22:44

Highest Band Edge / Full RB



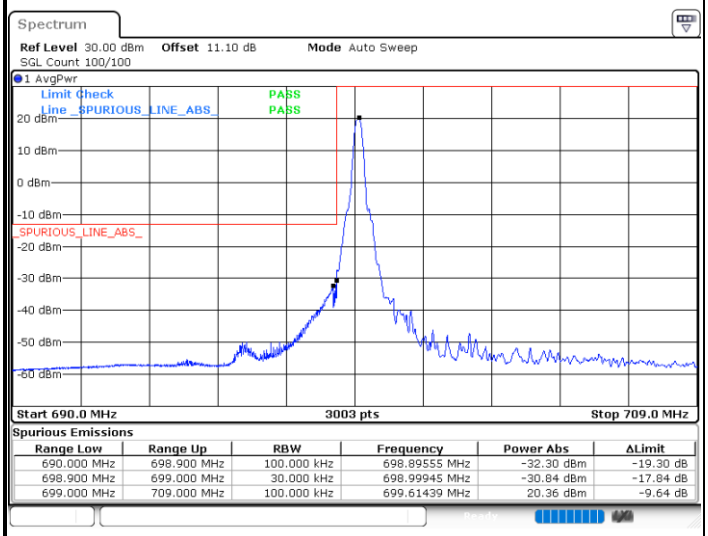
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	709.87113 MHz	4.12 dBm	-25.88 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00544 MHz	-32.94 dBm	-19.94 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.15 dBm	-17.15 dB

Date: 26.NOV.2021 21:29:07

LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

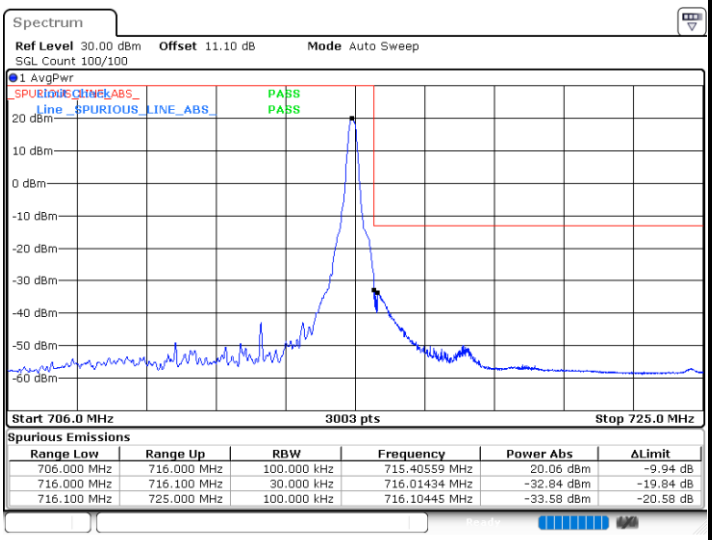


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-32.30 dBm	-19.30 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99945 MHz	-30.84 dBm	-17.84 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.61439 MHz	20.36 dBm	-9.64 dB

Date: 26.NOV.2021 21:24:18

Highest Band Edge / 1 RB

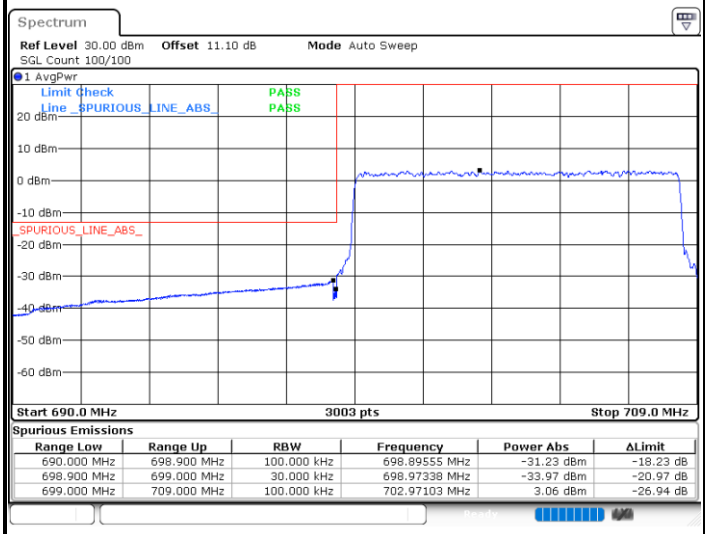


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.40559 MHz	20.06 dBm	-9.94 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01434 MHz	-32.84 dBm	-19.84 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.58 dBm	-20.58 dB

Date: 26.NOV.2021 21:30:39

Lowest Band Edge / Full RB

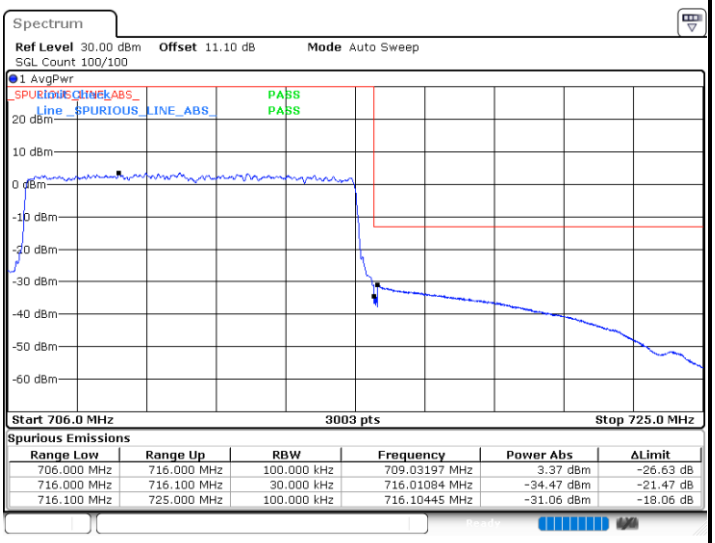


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.23 dBm	-18.23 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.97338 MHz	-33.97 dBm	-20.97 dB
699.000 MHz	709.000 MHz	100.000 kHz	702.97103 MHz	3.06 dBm	-26.94 dB

Date: 26.NOV.2021 21:23:31

Highest Band Edge / Full RB



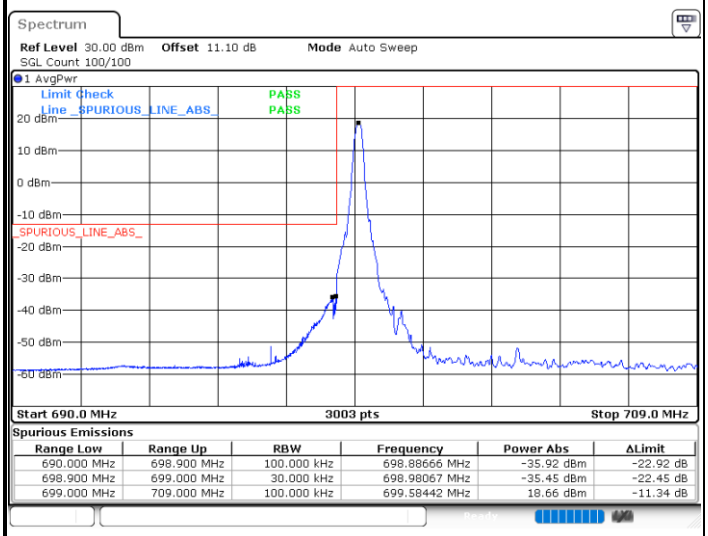
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	709.03197 MHz	3.37 dBm	-26.63 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01084 MHz	-34.47 dBm	-21.47 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.06 dBm	-18.06 dB

Date: 26.NOV.2021 21:29:52

LTE Band 12 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

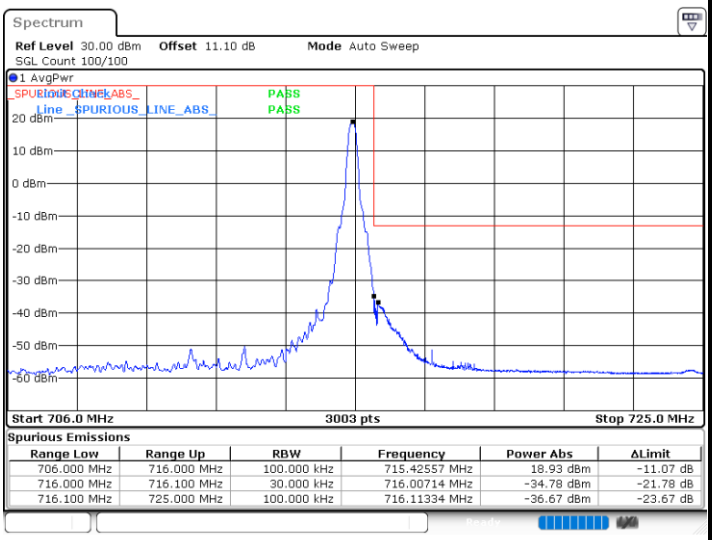


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-35.92 dBm	-22.92 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98067 MHz	-35.45 dBm	-22.45 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.58442 MHz	18.66 dBm	-11.34 dB

Date: 26.NOV.2021 21:33:55

Highest Band Edge / 1 RB

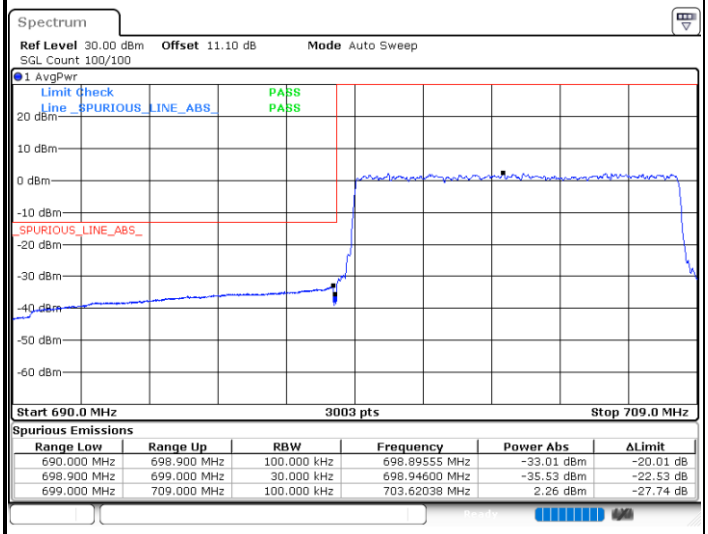


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.42557 MHz	18.93 dBm	-11.07 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00714 MHz	-34.78 dBm	-21.78 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-36.67 dBm	-23.67 dB

Date: 26.NOV.2021 21:36:10

Lowest Band Edge / Full RB

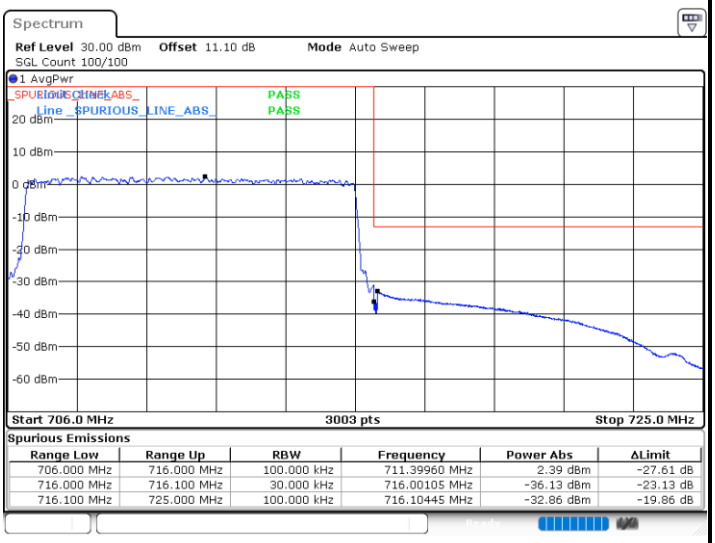


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-33.01 dBm	-20.01 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.94600 MHz	-35.53 dBm	-22.53 dB
699.000 MHz	709.000 MHz	100.000 kHz	703.62038 MHz	2.26 dBm	-27.74 dB

Date: 26.NOV.2021 21:33:08

Highest Band Edge / Full RB



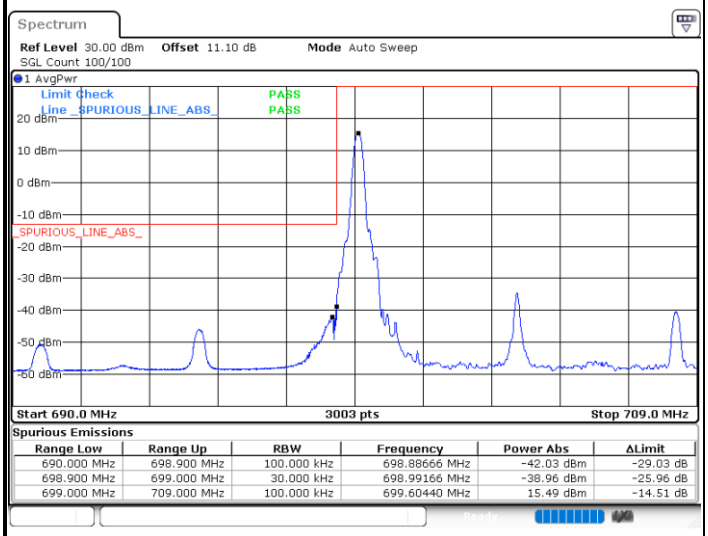
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	711.39960 MHz	2.39 dBm	-27.61 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00105 MHz	-36.13 dBm	-23.13 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.86 dBm	-19.86 dB

Date: 26.NOV.2021 21:35:23

LTE Band 12 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

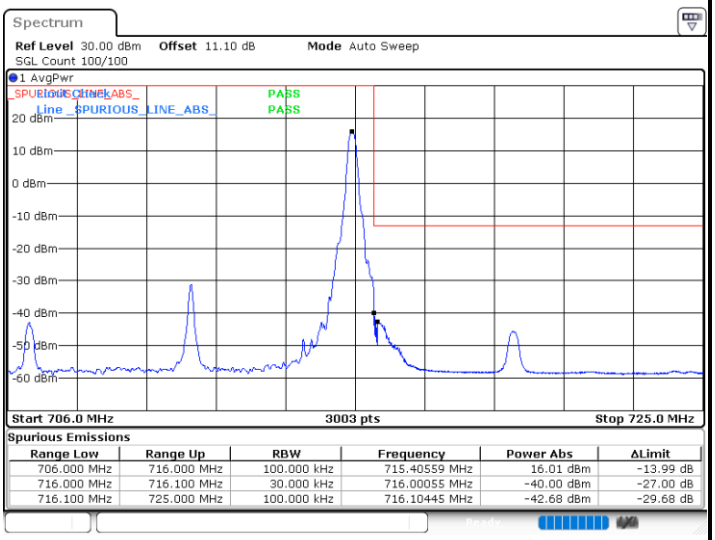


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-42.03 dBm	-29.03 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99166 MHz	-38.96 dBm	-25.96 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.60440 MHz	15.49 dBm	-14.51 dB

Date: 26.NOV.2021 21:56:48

Highest Band Edge / 1 RB

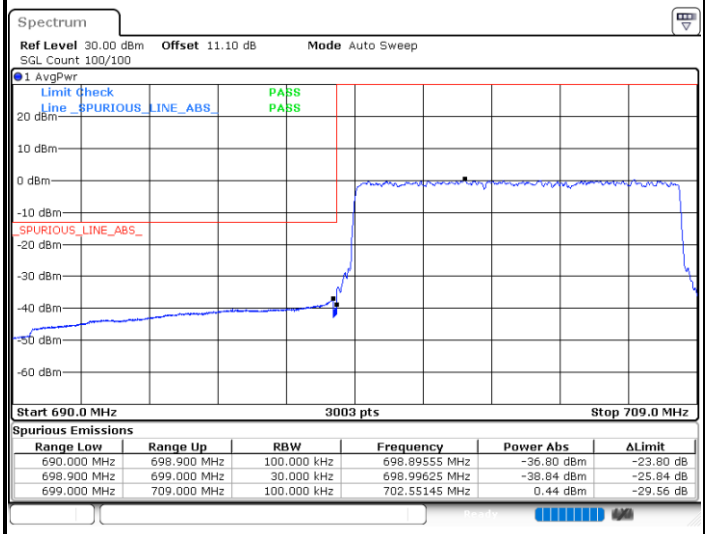


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.40559 MHz	16.01 dBm	-13.99 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00055 MHz	-40.00 dBm	-27.00 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-42.68 dBm	-29.68 dB

Date: 26.NOV.2021 22:00:49

Lowest Band Edge / Full RB

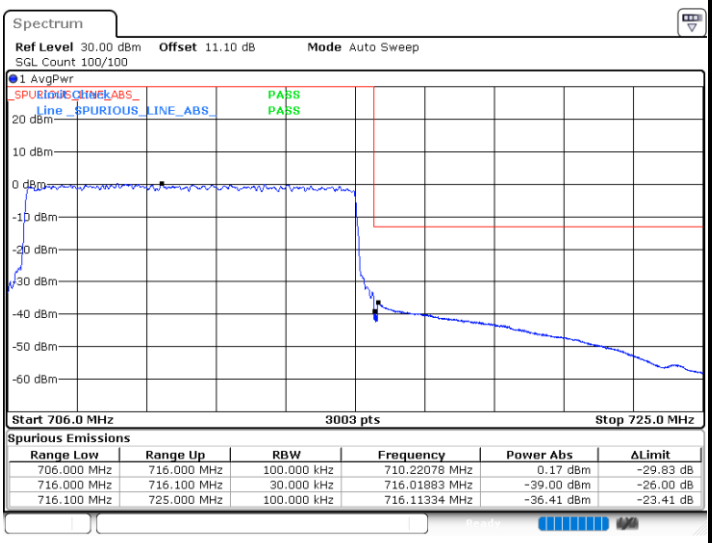


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-36.80 dBm	-23.80 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99625 MHz	-38.84 dBm	-25.84 dB
699.000 MHz	709.000 MHz	100.000 kHz	702.55145 MHz	0.44 dBm	-29.56 dB

Date: 26.NOV.2021 21:57:37

Highest Band Edge / Full RB



Spurious Emissions

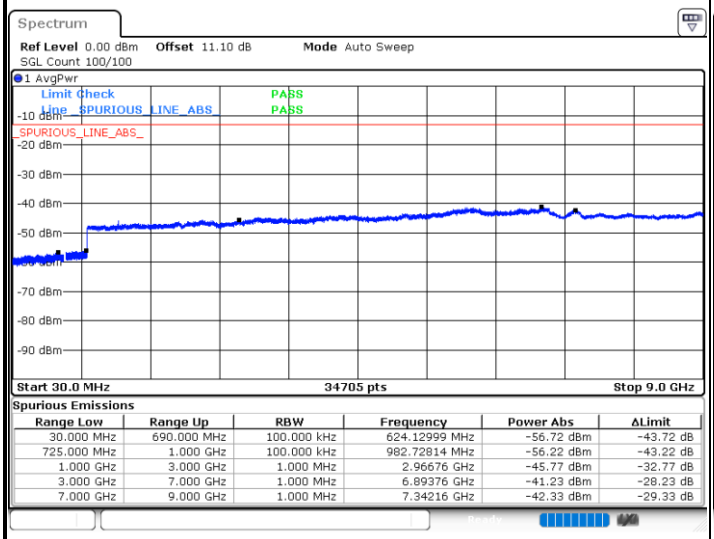
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	710.22078 MHz	0.17 dBm	-29.83 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01883 MHz	-39.00 dBm	-26.00 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-36.41 dBm	-23.41 dB

Date: 26.NOV.2021 21:59:36

Conducted Spurious Emission

LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

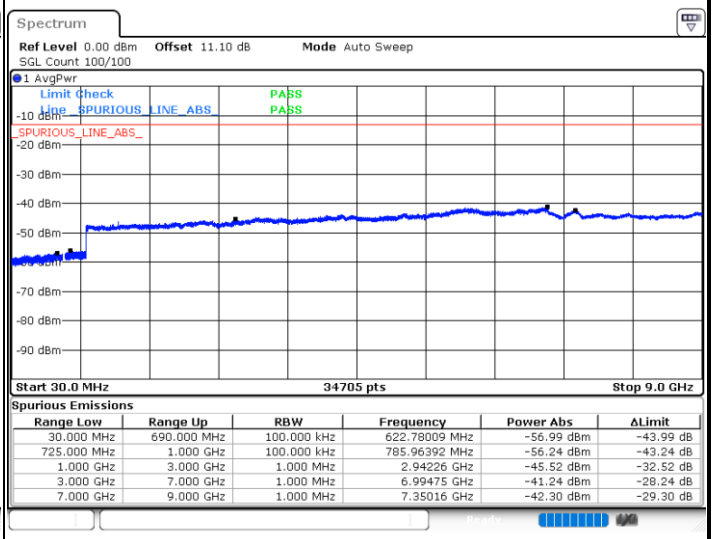


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	624.12999 MHz	-56.72 dBm	-43.72 dB
725.000 MHz	1.000 GHz	100.000 kHz	982.72814 MHz	-56.22 dBm	-43.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96676 GHz	-45.77 dBm	-32.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89376 GHz	-41.23 dBm	-28.23 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34216 GHz	-42.33 dBm	-29.33 dB

Date: 26.NOV.2021 20:36:17

Middle Channel / QPSK

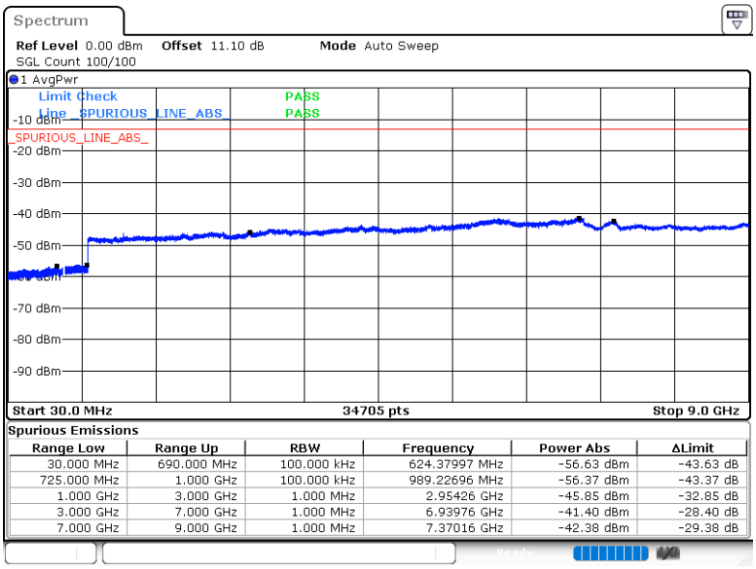


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	622.78009 MHz	-56.99 dBm	-43.99 dB
725.000 MHz	1.000 GHz	100.000 kHz	785.96392 MHz	-56.24 dBm	-43.24 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.94226 GHz	-45.52 dBm	-32.52 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-41.24 dBm	-28.24 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.35016 GHz	-42.30 dBm	-29.30 dB

Date: 26.NOV.2021 20:45:35

Highest Channel / QPSK



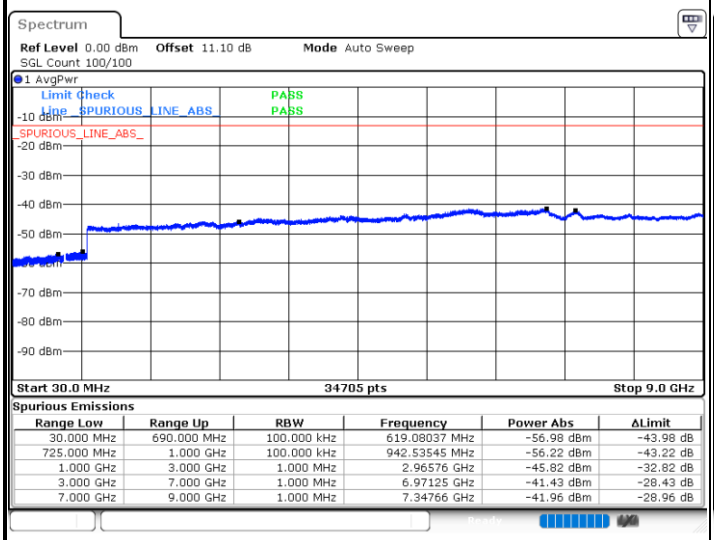
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	624.37997 MHz	-56.63 dBm	-43.63 dB
725.000 MHz	1.000 GHz	100.000 kHz	989.22696 MHz	-56.37 dBm	-43.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.95426 GHz	-45.85 dBm	-32.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93976 GHz	-41.40 dBm	-28.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.37016 GHz	-42.38 dBm	-29.38 dB

Date: 26.NOV.2021 20:49:37

LTE Band 12 / 3MHz

Lowest Channel / QPSK

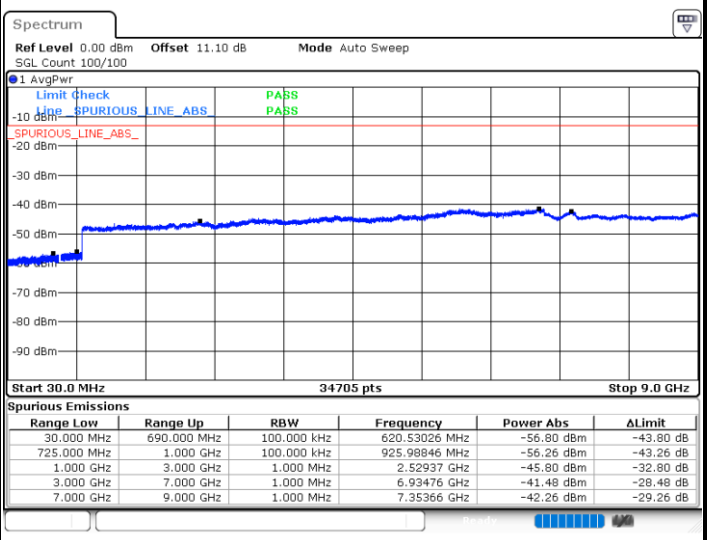


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	619.08037 MHz	-56.98 dBm	-43.98 dB
725.000 MHz	1.000 GHz	100.000 kHz	942.53545 MHz	-56.22 dBm	-43.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96576 GHz	-45.82 dBm	-32.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97125 GHz	-41.43 dBm	-28.43 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34766 GHz	-41.96 dBm	-28.96 dB

Date: 26.NOV.2021 20:57:31

Middle Channel / QPSK

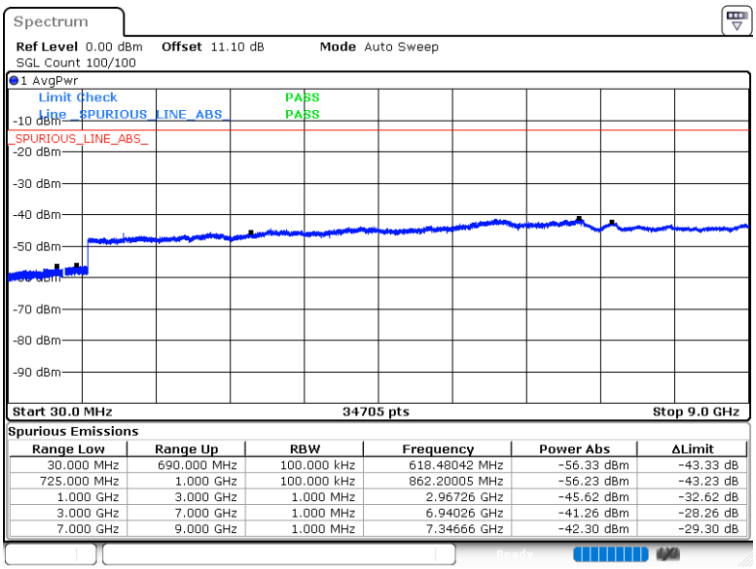


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	620.53026 MHz	-56.80 dBm	-43.80 dB
725.000 MHz	1.000 GHz	100.000 kHz	925.98846 MHz	-56.26 dBm	-43.26 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.52937 GHz	-45.80 dBm	-32.80 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93476 GHz	-41.48 dBm	-28.48 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.35366 GHz	-42.26 dBm	-29.26 dB

Date: 26.NOV.2021 20:59:50

Highest Channel / QPSK



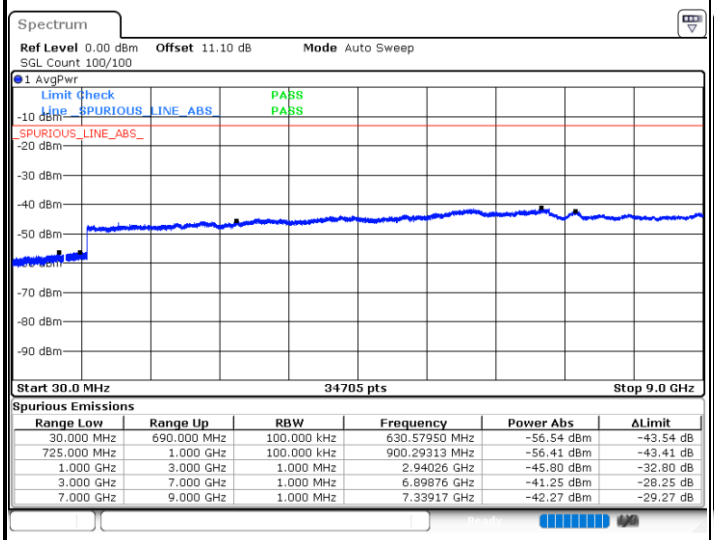
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	618.48042 MHz	-56.33 dBm	-43.33 dB
725.000 MHz	1.000 GHz	100.000 kHz	862.20005 MHz	-56.23 dBm	-43.23 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96726 GHz	-45.62 dBm	-32.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94026 GHz	-41.26 dBm	-28.26 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34666 GHz	-42.30 dBm	-29.30 dB

Date: 26.NOV.2021 21:03:54

LTE Band 12 / 5MHz

Lowest Channel / QPSK

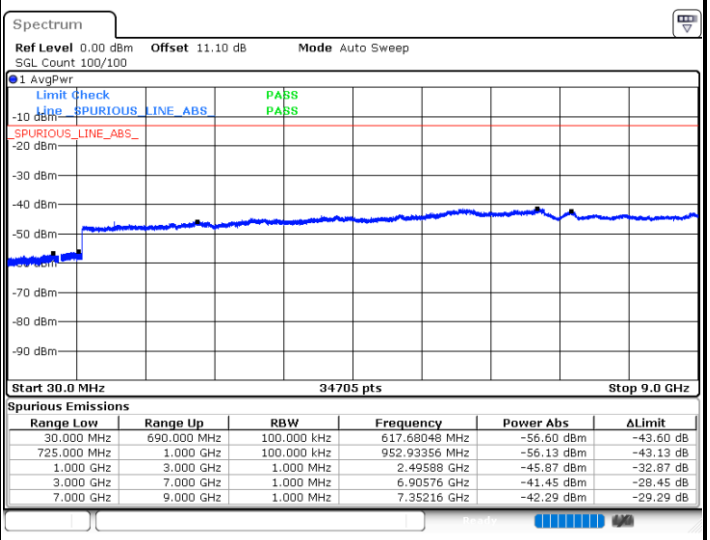


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	630.57950 MHz	-56.54 dBm	-43.54 dB
725.000 MHz	1.000 GHz	100.000 kHz	900.29313 MHz	-56.41 dBm	-43.41 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.94026 GHz	-45.80 dBm	-32.80 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89876 GHz	-41.25 dBm	-28.25 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.33917 GHz	-42.27 dBm	-29.27 dB

Date: 26.NOV.2021 21:15:35

Middle Channel / QPSK

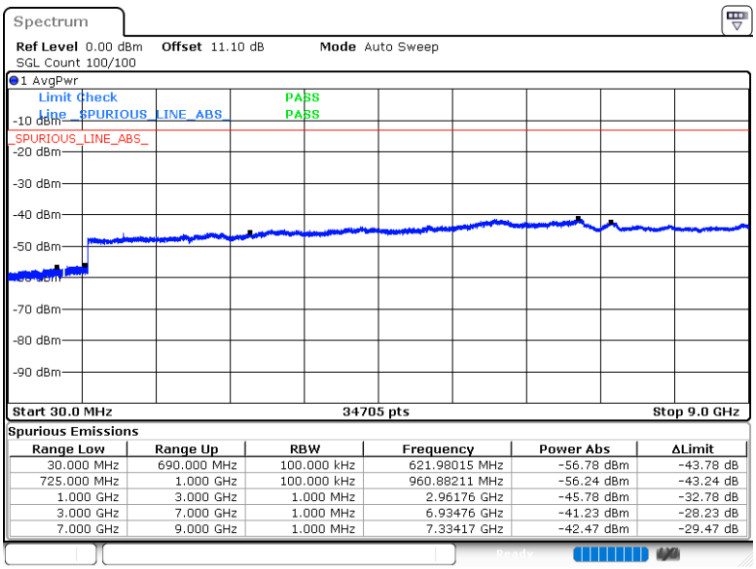


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	617.68048 MHz	-56.60 dBm	-43.60 dB
725.000 MHz	1.000 GHz	100.000 kHz	952.93356 MHz	-56.13 dBm	-43.13 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.49588 GHz	-45.87 dBm	-32.87 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90576 GHz	-41.45 dBm	-28.45 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.35216 GHz	-42.29 dBm	-29.29 dB

Date: 26.NOV.2021 21:17:55

Highest Channel / QPSK



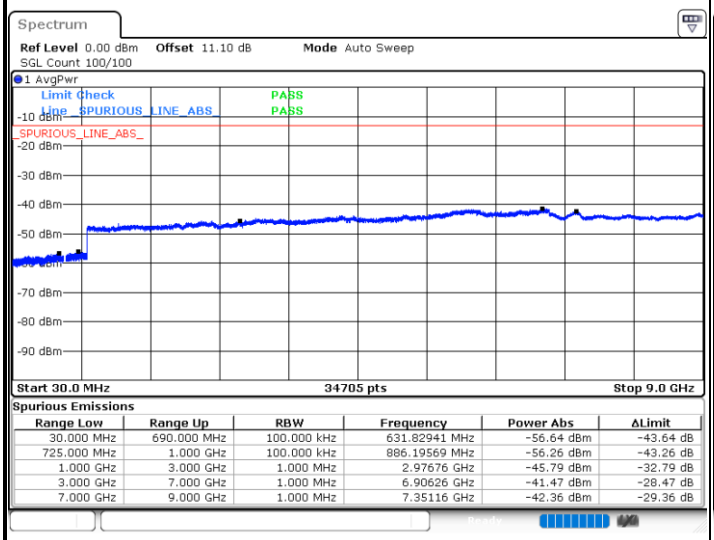
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	621.98015 MHz	-56.78 dBm	-43.78 dB
725.000 MHz	1.000 GHz	100.000 kHz	960.88211 MHz	-56.24 dBm	-43.24 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96176 GHz	-45.78 dBm	-32.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93476 GHz	-41.23 dBm	-28.23 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.33417 GHz	-42.47 dBm	-29.47 dB

Date: 26.NOV.2021 21:21:57

LTE Band 12 / 10MHz

Lowest Channel / QPSK

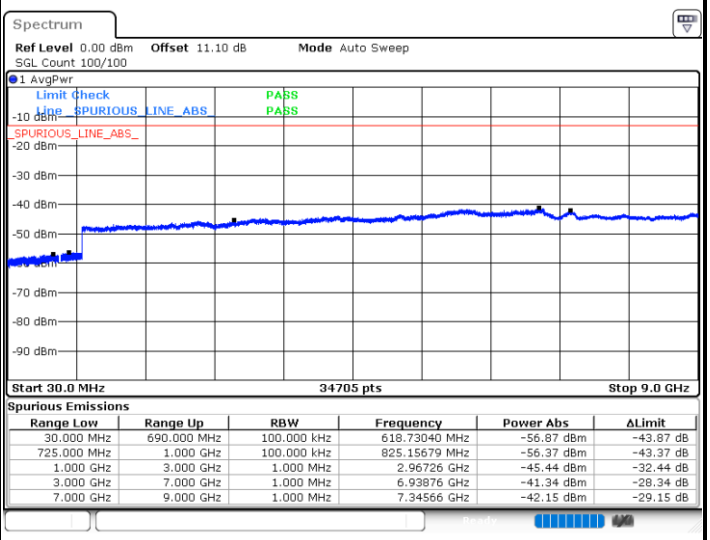


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	631.82941 MHz	-56.64 dBm	-43.64 dB
725.000 MHz	1.000 GHz	100.000 kHz	886.19569 MHz	-56.26 dBm	-43.26 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97676 GHz	-45.79 dBm	-32.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90626 GHz	-41.47 dBm	-28.47 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.35116 GHz	-42.36 dBm	-29.36 dB

Date: 26.NOV.2021 21:26:01

Middle Channel / QPSK

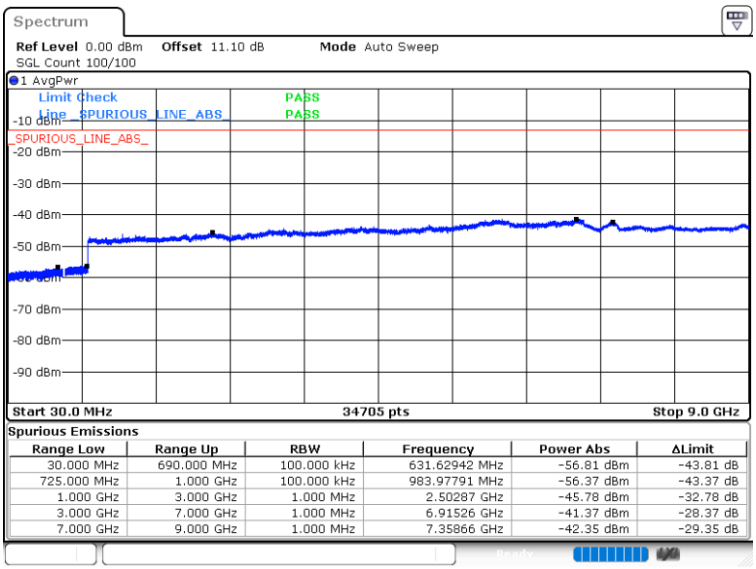


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	618.73040 MHz	-56.87 dBm	-43.87 dB
725.000 MHz	1.000 GHz	100.000 kHz	825.15679 MHz	-56.37 dBm	-43.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96726 GHz	-45.44 dBm	-32.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93876 GHz	-41.34 dBm	-28.34 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34566 GHz	-42.15 dBm	-29.15 dB

Date: 26.NOV.2021 21:28:20

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	631.62942 MHz	-56.81 dBm	-43.81 dB
725.000 MHz	1.000 GHz	100.000 kHz	983.97791 MHz	-56.37 dBm	-43.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50287 GHz	-45.78 dBm	-32.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91526 GHz	-41.37 dBm	-28.37 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.35866 GHz	-42.35 dBm	-29.35 dB

Date: 26.NOV.2021 21:32:21

Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0153	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0136	
0	Normal Voltage	0.0041	
-10	Normal Voltage	0.0048	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0116	
20	Maximum Voltage	0.0191	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0120	

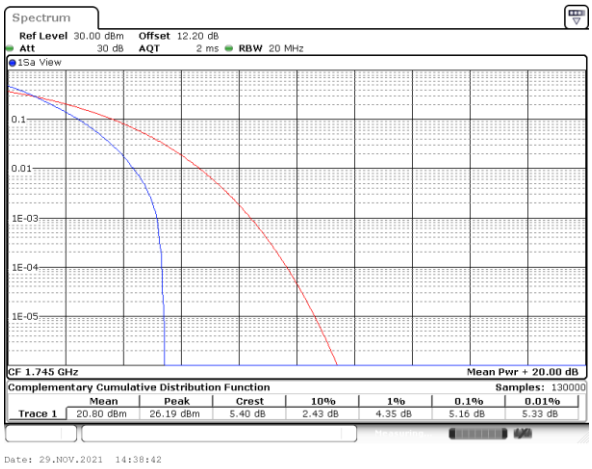
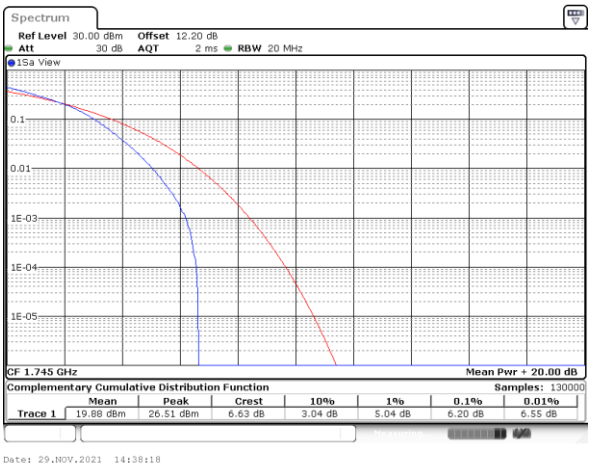
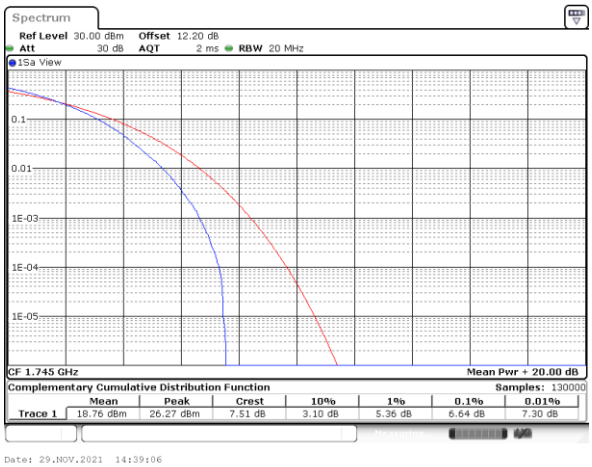
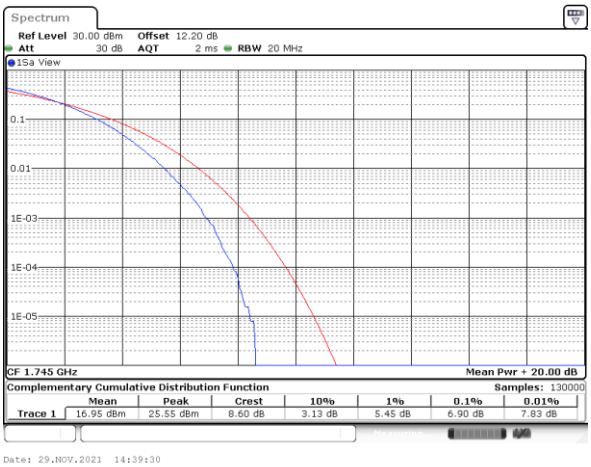
Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 66

Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.16	6.20	6.64	6.90	PASS

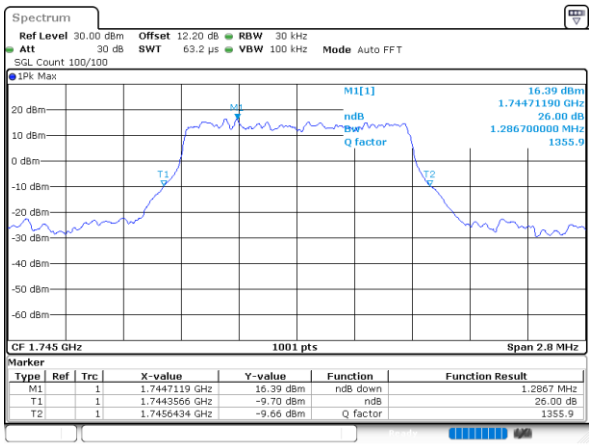
LTE Band 66 / 20MHz / QPSK	LTE Band 66 / 20MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 66 / 20MHz / 64QAM	LTE Band 66 / 20MHz / 256QAM
Middle Channel / Full RB	Middle Channel / Full RB
	

26dB Bandwidth

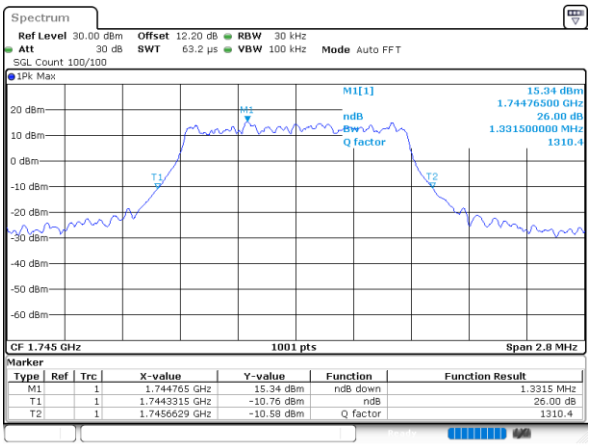
Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.29	1.33	3.10	3.07	4.90	4.94	9.97	9.99	14.27	14.66	19.34	19.30
Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	1.31	1.34	3.07	2.98	5.10	5.06	10.15	9.73	14.39	14.81	19.54	18.86

LTE Band 66

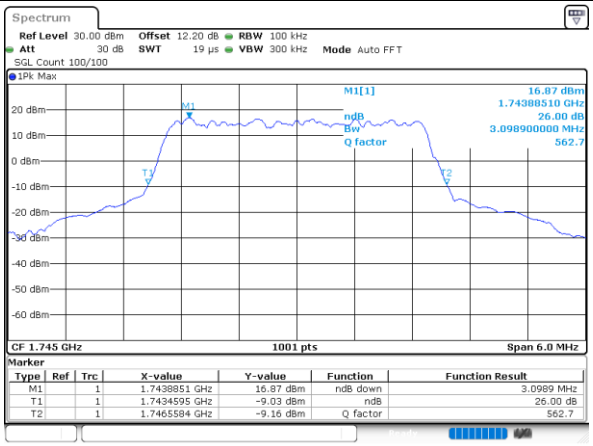
Middle Channel / 1.4MHz / QPSK



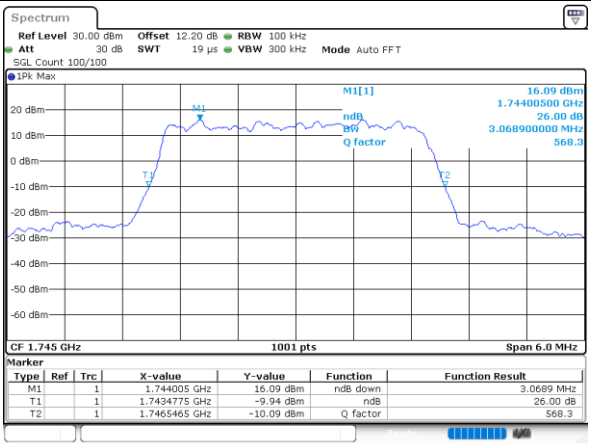
Middle Channel / 1.4MHz / 16QAM



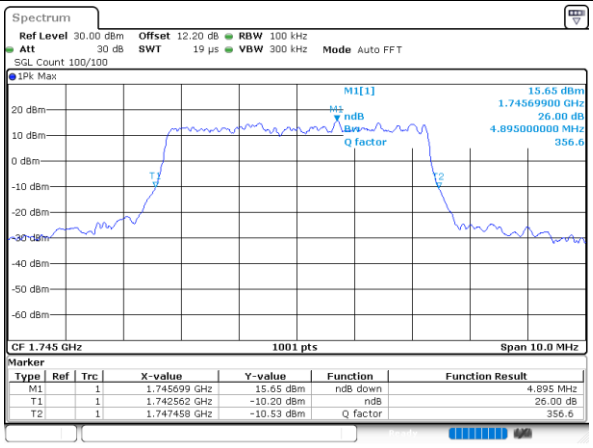
Middle Channel / 3MHz / QPSK



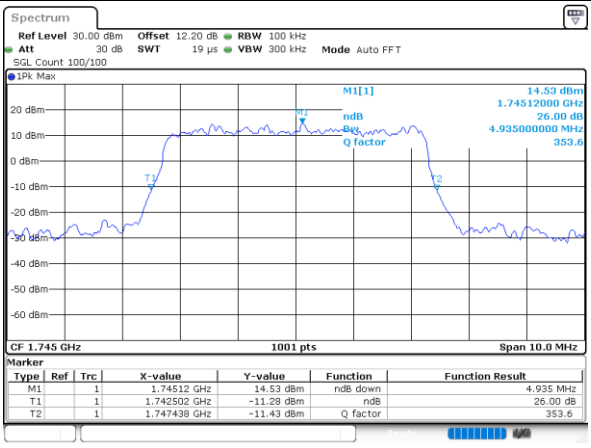
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

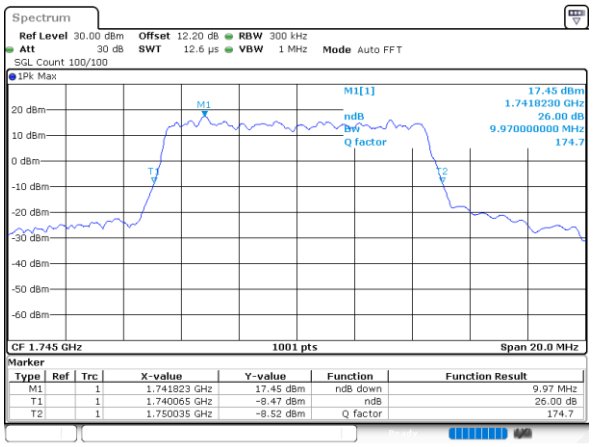


Middle Channel / 5MHz / 16QAM

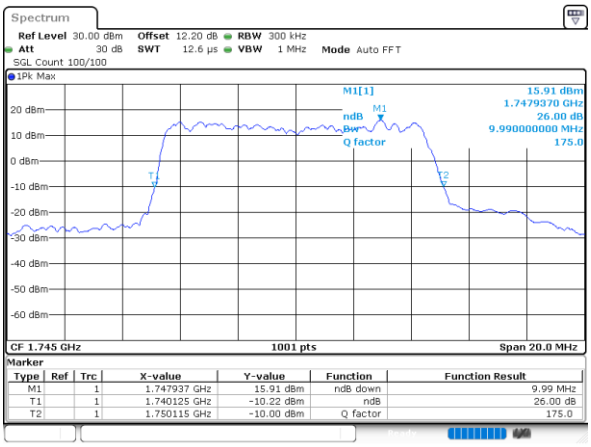


LTE Band 66

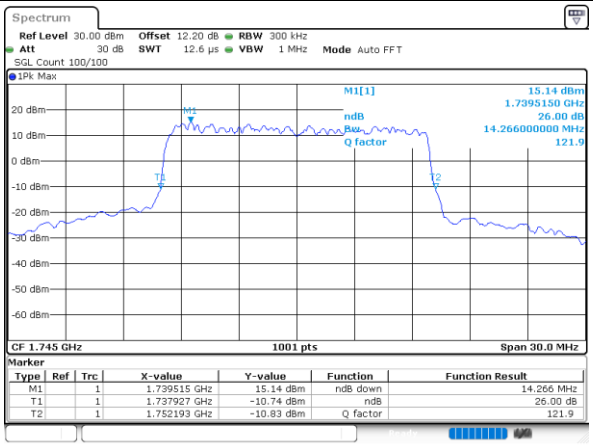
Middle Channel / 10MHz / QPSK



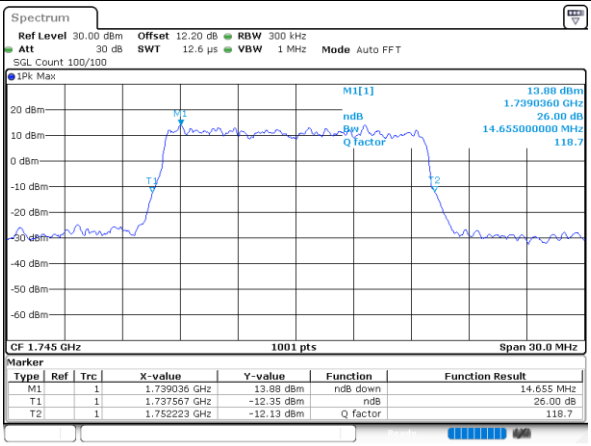
Middle Channel / 10MHz / 16QAM



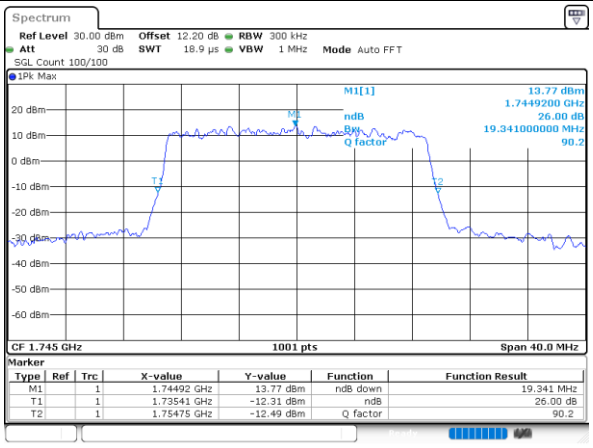
Middle Channel / 15MHz / QPSK



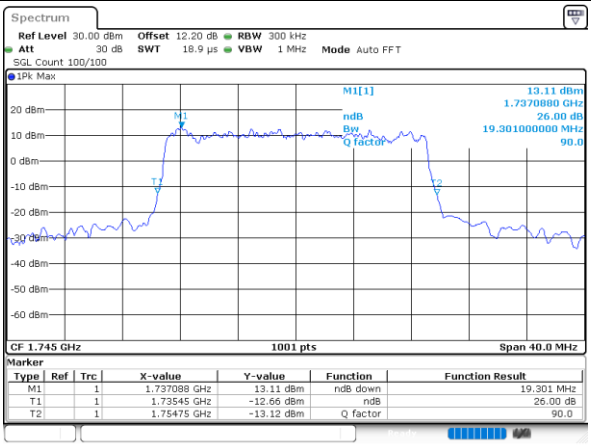
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK

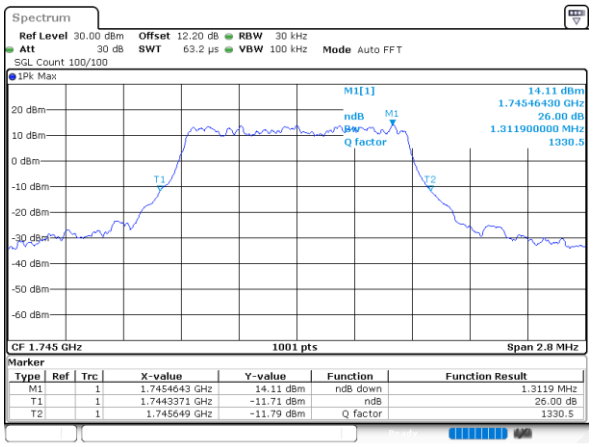


Middle Channel / 20MHz / 16QAM

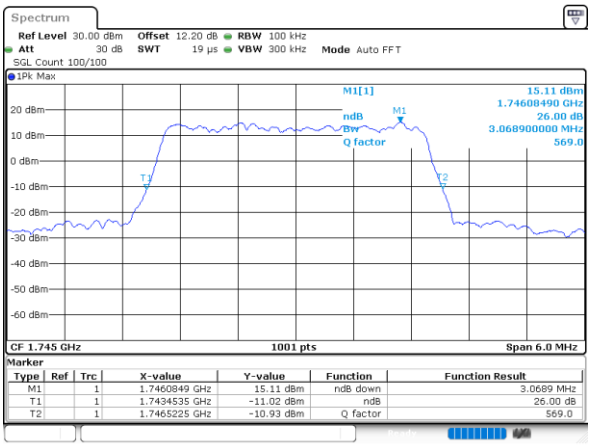


LTE Band 66

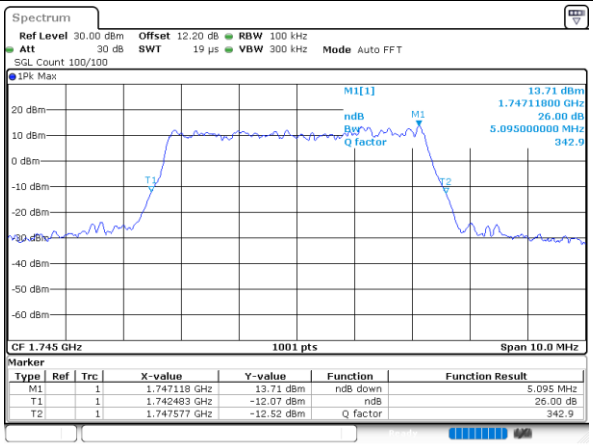
Middle Channel / 1.4MHz / 64QAM



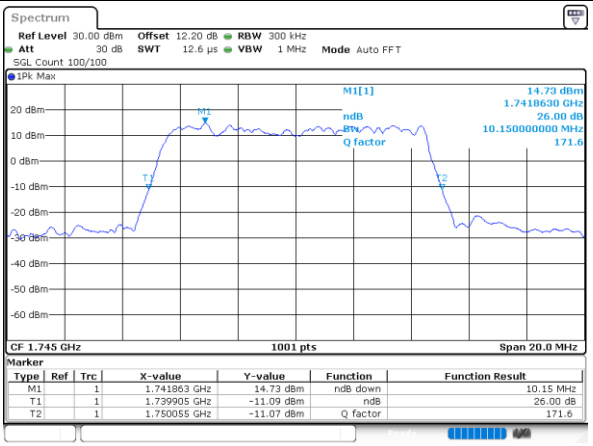
Middle Channel / 3MHz / 64QAM



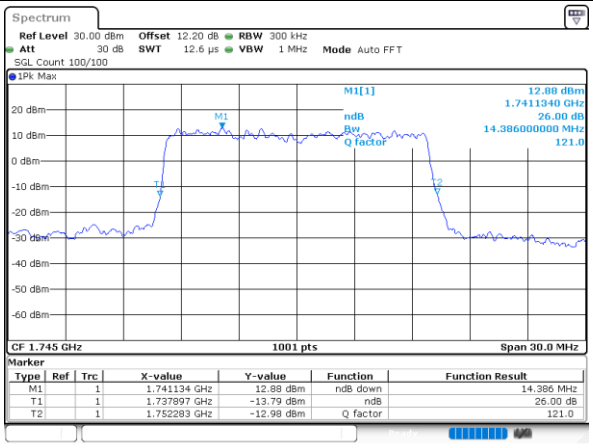
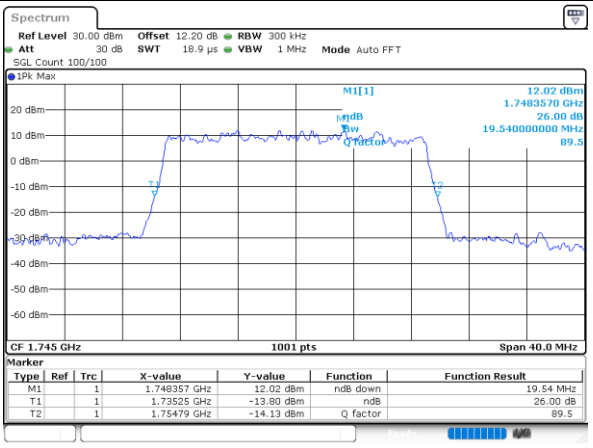
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM