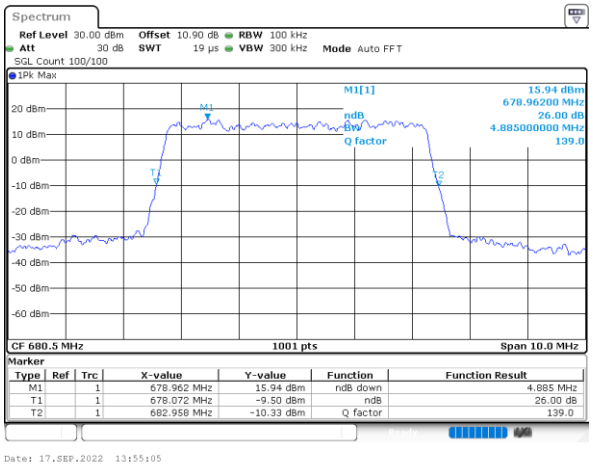
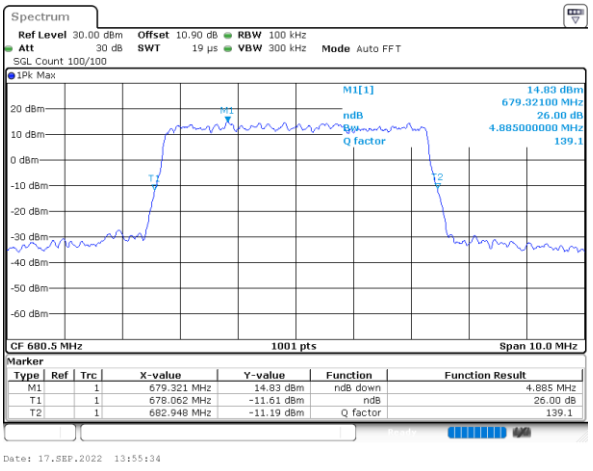
LTE Band 71

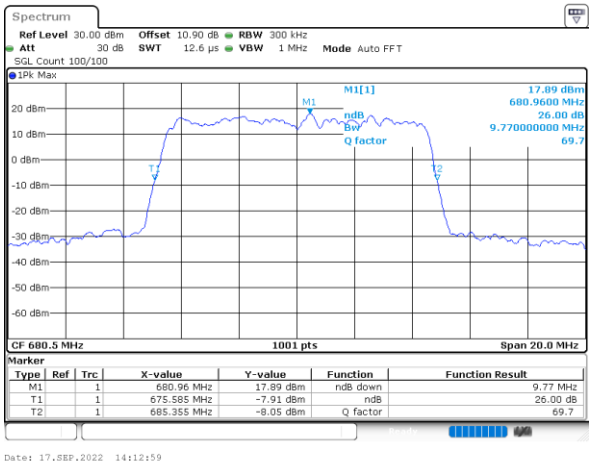
Middle Channel / 5MHz / QPSK



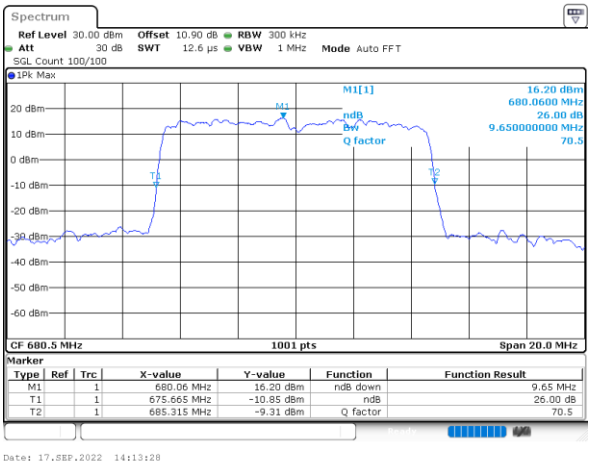
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK

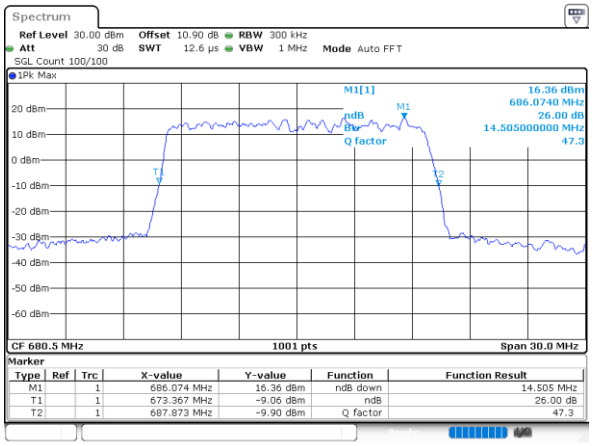


Middle Channel / 10MHz / 16QAM

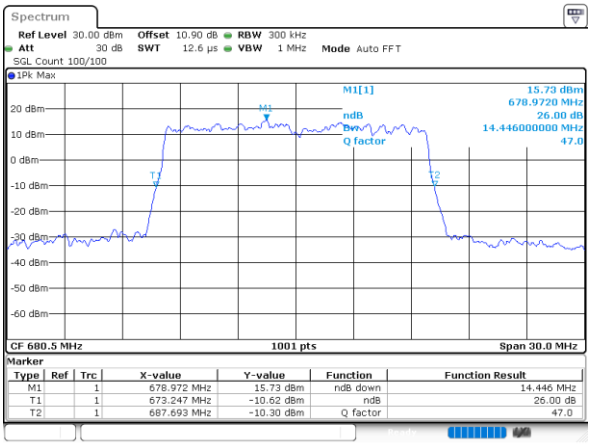


LTE Band 71

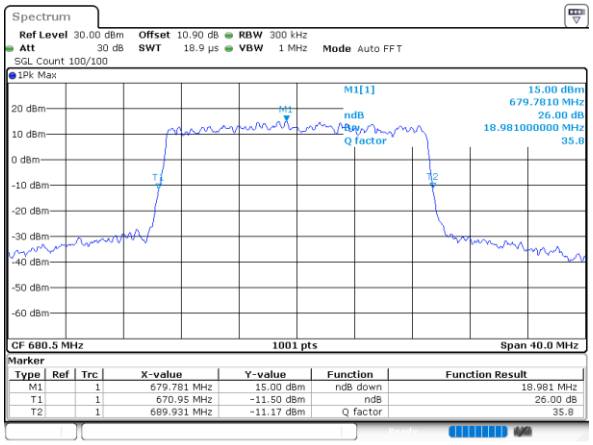
Middle Channel / 15MHz / QPSK



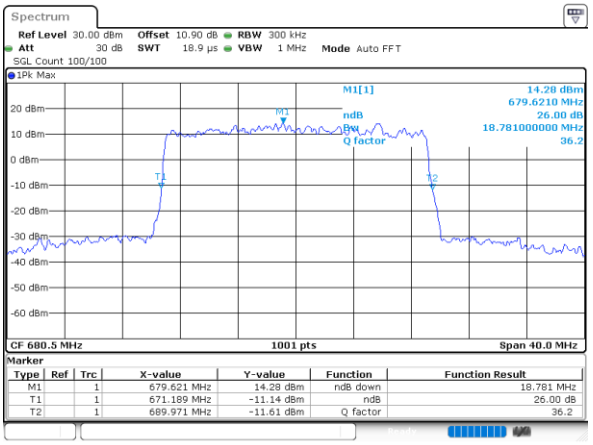
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK

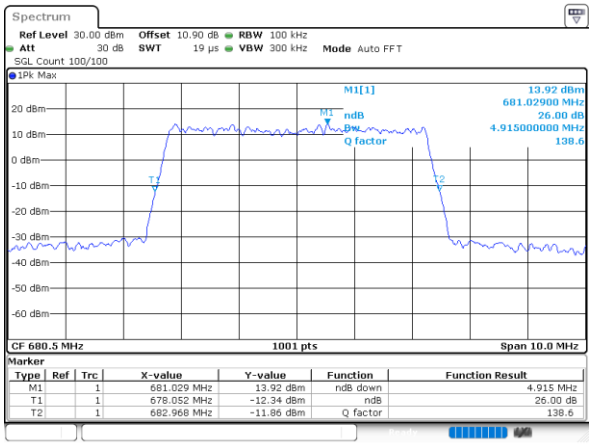


Middle Channel / 20MHz / 16QAM

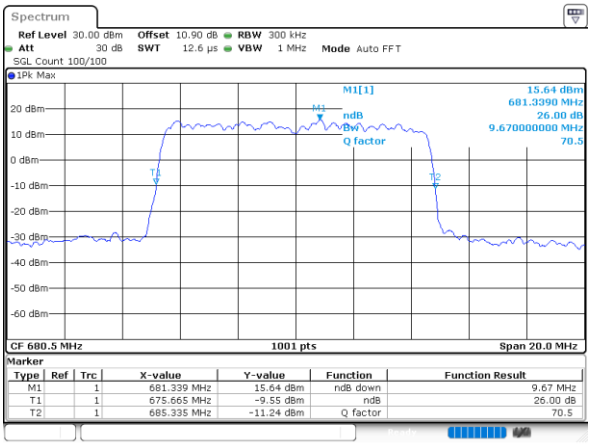


LTE Band 71

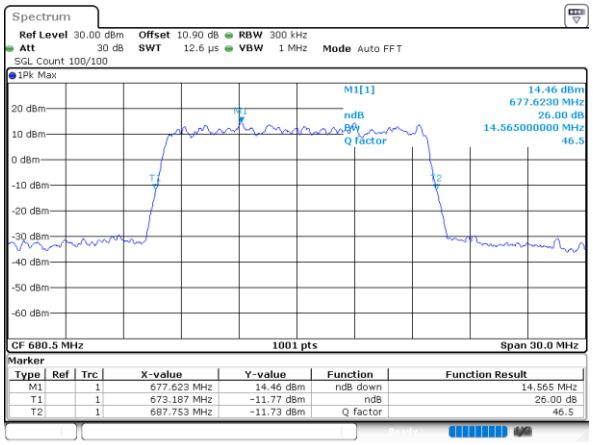
Middle Channel / 5MHz / 64QAM



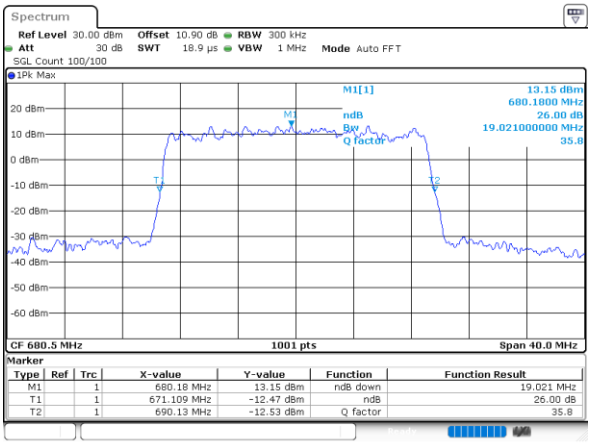
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

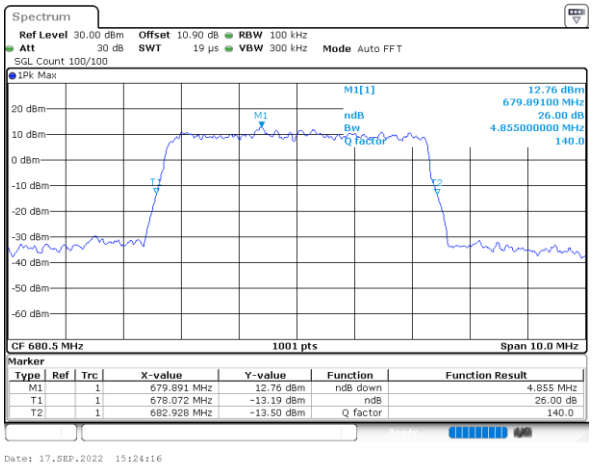


Middle Channel / 20MHz / 64QAM

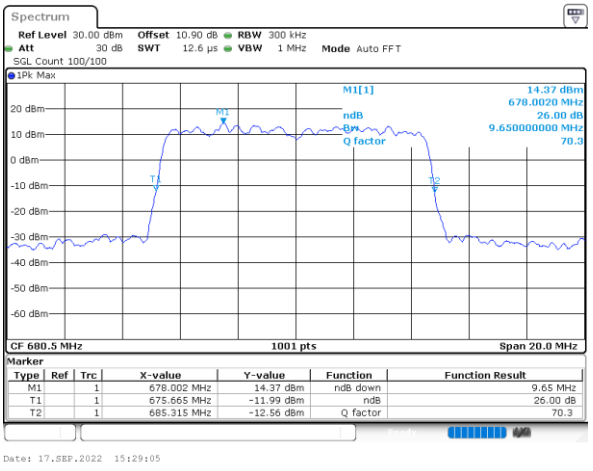


LTE Band 71

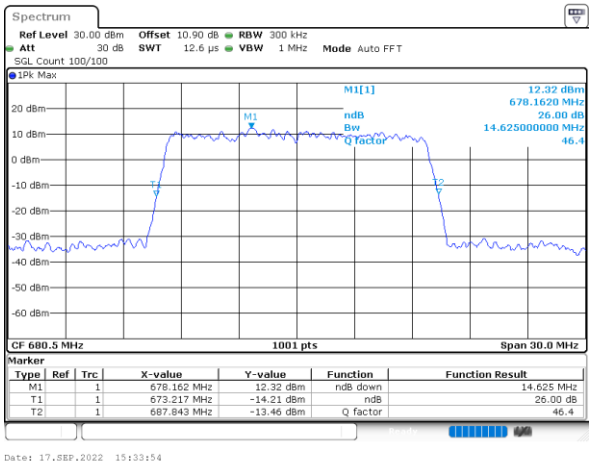
Middle Channel / 5MHz / 256QAM



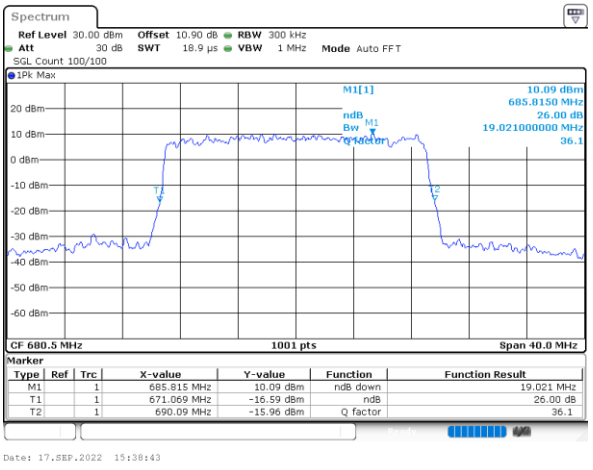
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

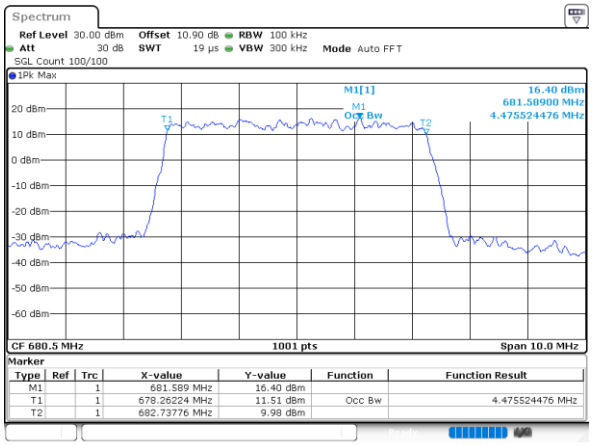


Occupied Bandwidth

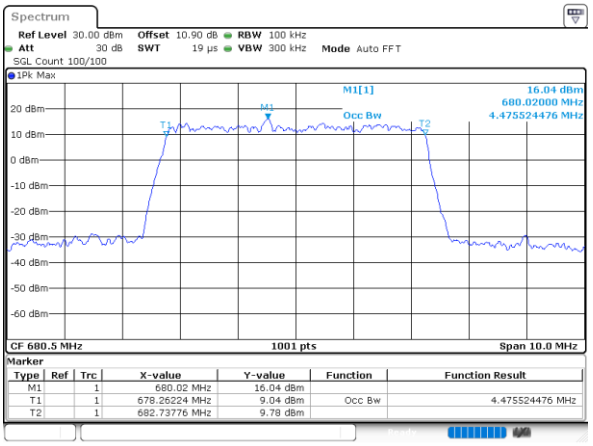
Mode	LTE Band 71 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.48	4.48	9.07	8.97	13.37	13.34	17.86	17.86
Mode	LTE Band 71 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.49	4.51	9.03	8.97	13.37	13.43	17.82	17.74

LTE Band 71

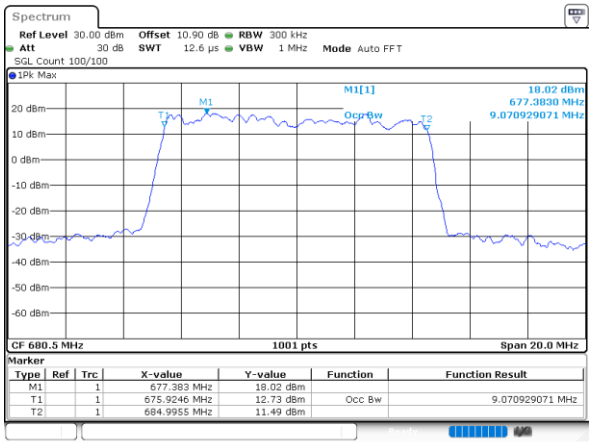
Middle Channel / 5MHz / QPSK



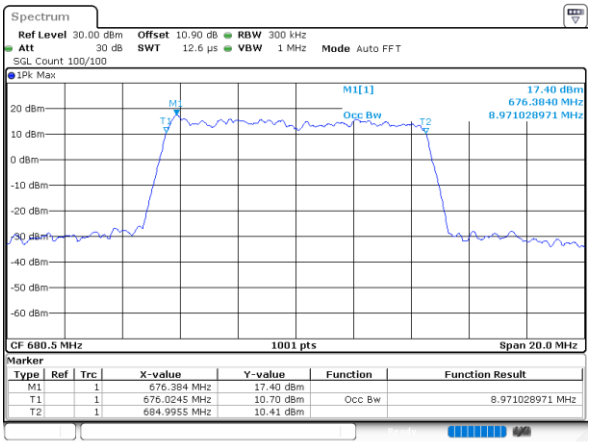
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK

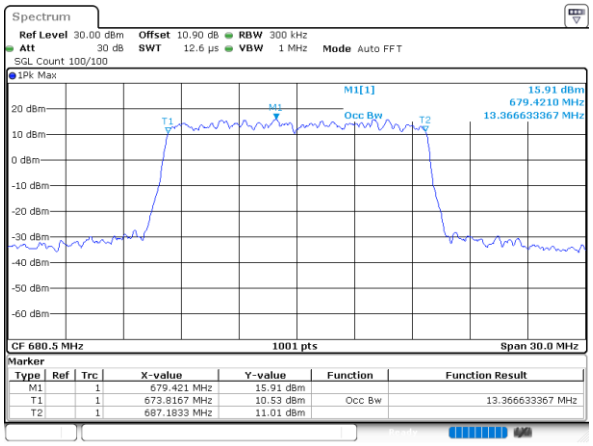


Middle Channel / 10MHz / 16QAM

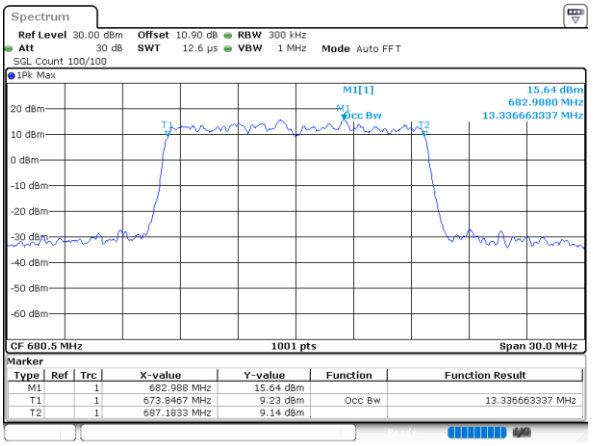


LTE Band 71

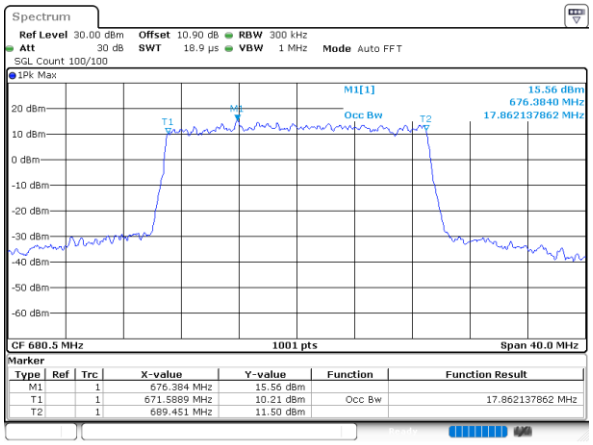
Middle Channel / 15MHz / QPSK



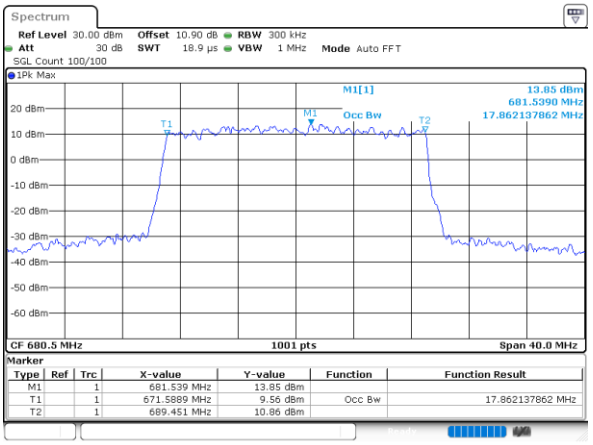
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK

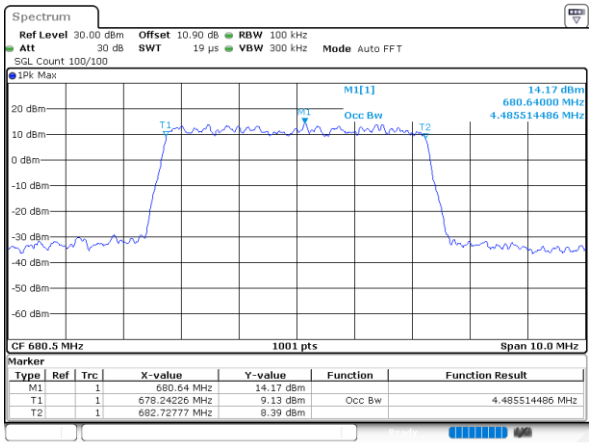


Middle Channel / 20MHz / 16QAM

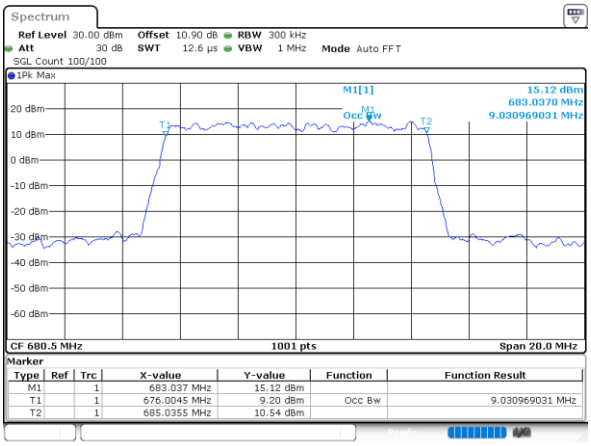


LTE Band 71

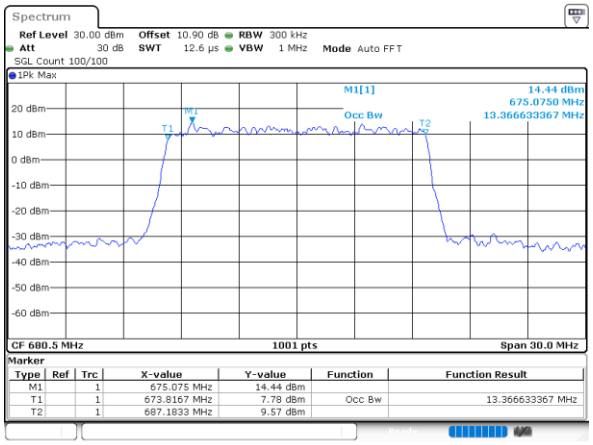
Middle Channel / 5MHz / 64QAM



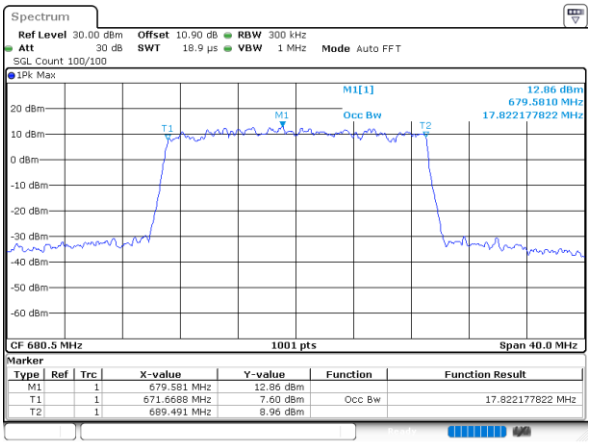
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

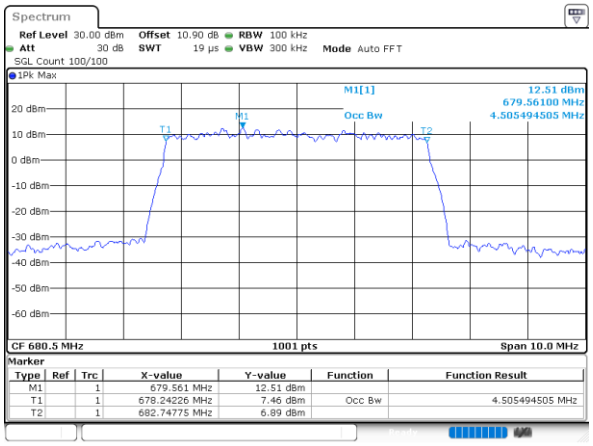


Middle Channel / 20MHz / 64QAM

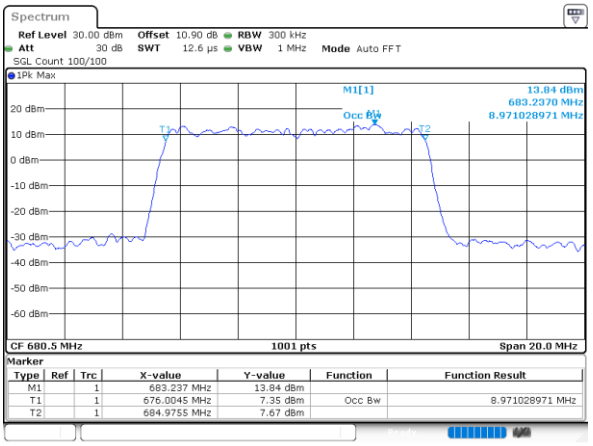


LTE Band 71

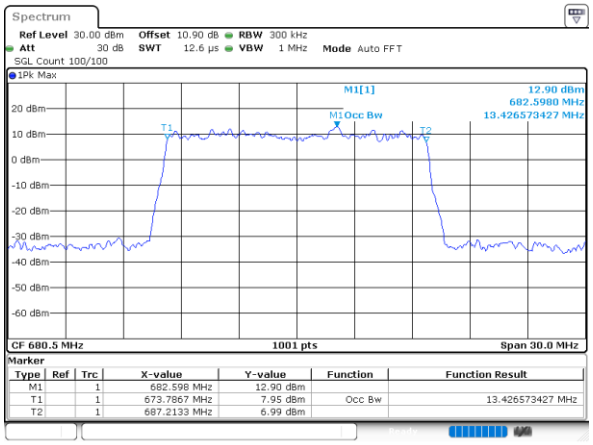
Middle Channel / 5MHz / 256QAM



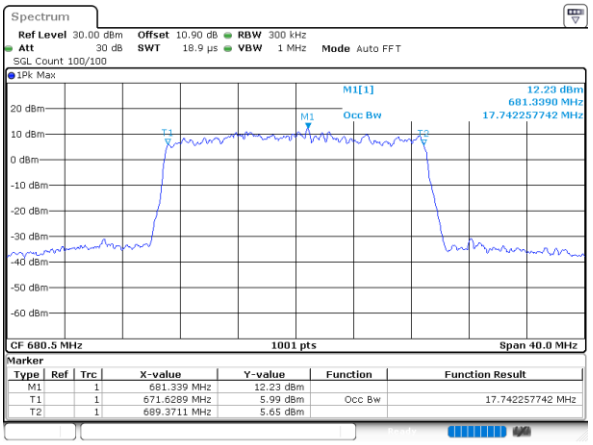
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



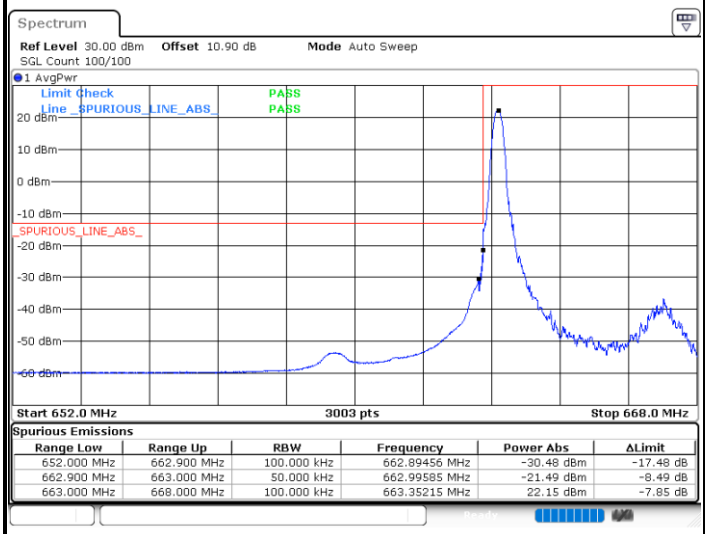
Middle Channel / 20MHz / 256QAM



Conducted Band Edge

LTE Band 71 / 5MHz / QPSK

Lowest Band Edge / 1 RB

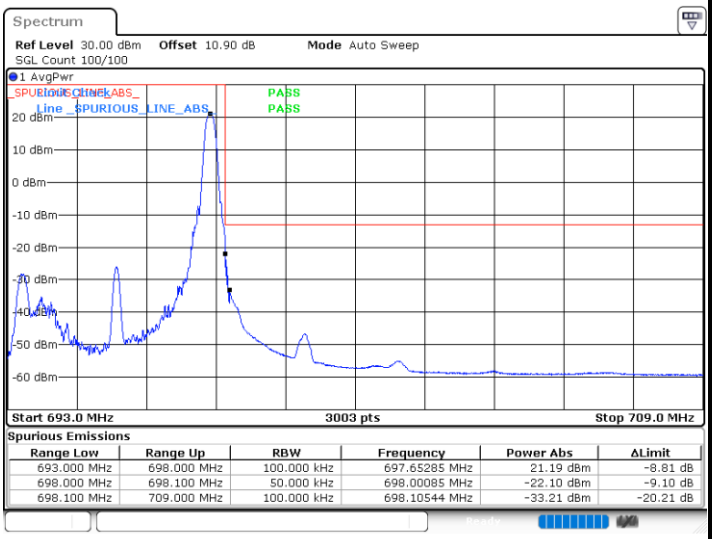


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.900 MHz	100.000 kHz	662.89456 MHz	-30.48 dBm	-17.48 dB
662.900 MHz	663.000 MHz	50.000 kHz	662.99585 MHz	-21.49 dBm	-8.49 dB
663.000 MHz	668.000 MHz	100.000 kHz	663.35215 MHz	22.15 dBm	-7.85 dB

Date: 17.SEP.2022 13:49:32

Highest Band Edge / 1 RB

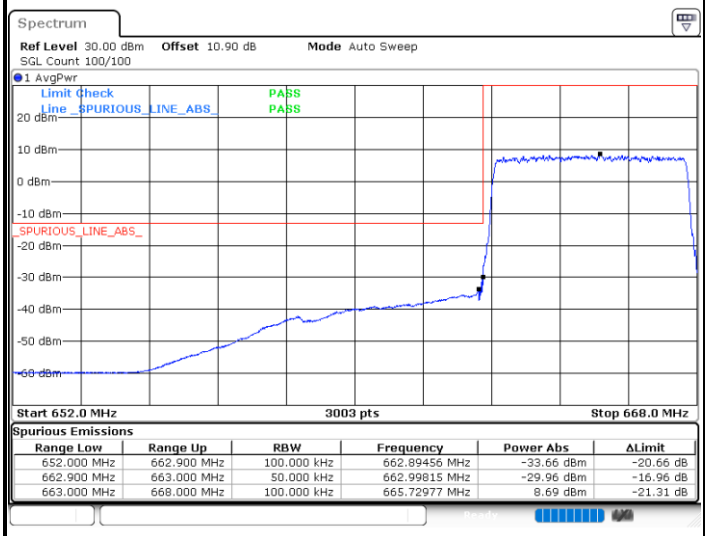


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	697.65285 MHz	21.19 dBm	-8.81 dB
698.000 MHz	698.100 MHz	50.000 kHz	698.00085 MHz	-22.10 dBm	-9.10 dB
698.100 MHz	709.000 MHz	100.000 kHz	698.10544 MHz	-33.21 dBm	-20.21 dB

Date: 17.SEP.2022 13:57:39

Lowest Band Edge / Full RB

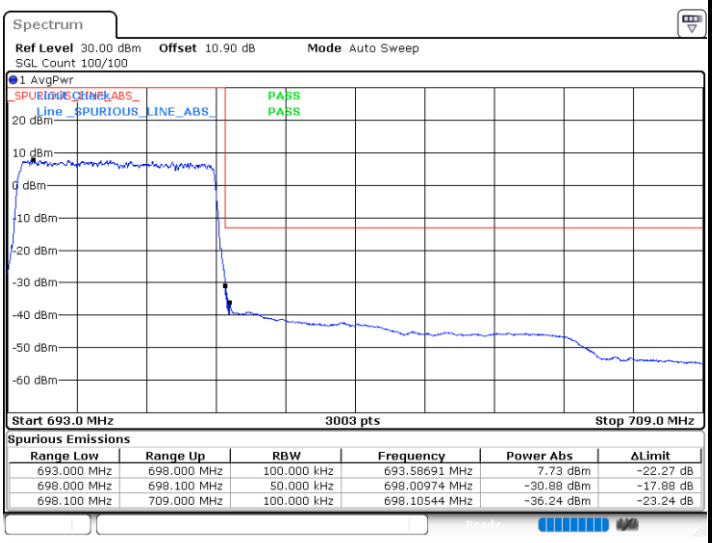


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.900 MHz	100.000 kHz	662.89456 MHz	-33.66 dBm	-20.66 dB
662.900 MHz	663.000 MHz	50.000 kHz	662.99815 MHz	-29.96 dBm	-16.96 dB
663.000 MHz	668.000 MHz	100.000 kHz	665.72977 MHz	8.69 dBm	-21.31 dB

Date: 17.SEP.2022 13:51:30

Highest Band Edge / Full RB



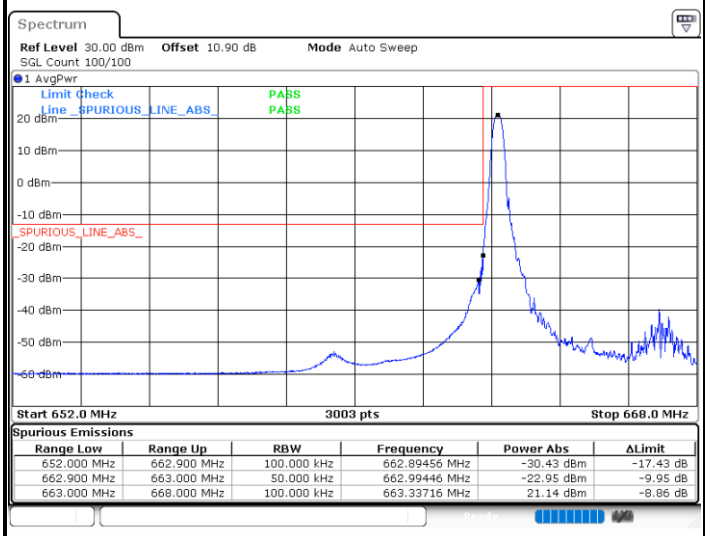
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	693.58691 MHz	7.73 dBm	-22.27 dB
698.000 MHz	698.100 MHz	50.000 kHz	698.00974 MHz	-30.88 dBm	-17.88 dB
698.100 MHz	709.000 MHz	100.000 kHz	698.10544 MHz	-36.24 dBm	-23.24 dB

Date: 17.SEP.2022 13:59:37

LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1RB

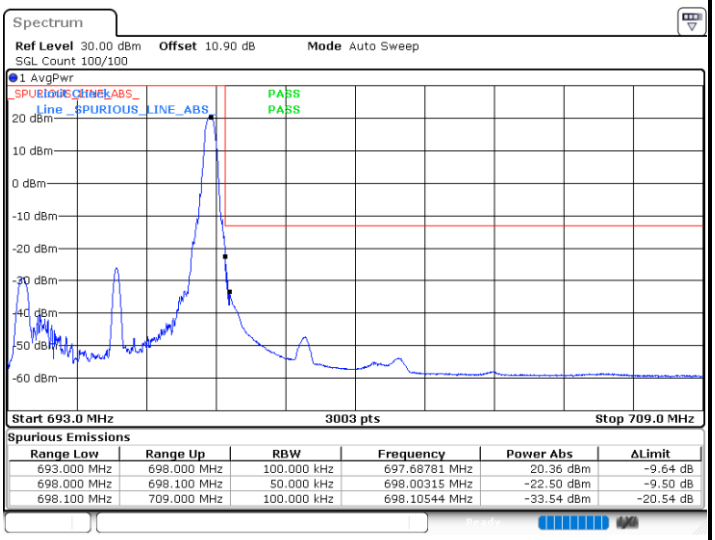


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.900 MHz	100.000 kHz	662.89456 MHz	-30.43 dBm	-17.43 dB
662.900 MHz	663.000 MHz	50.000 kHz	662.99446 MHz	-22.95 dBm	-9.95 dB
663.000 MHz	668.000 MHz	100.000 kHz	663.33716 MHz	21.14 dBm	-8.86 dB

Date: 17.SEP.2022 13:50:31

Highest Band Edge / 1 RB

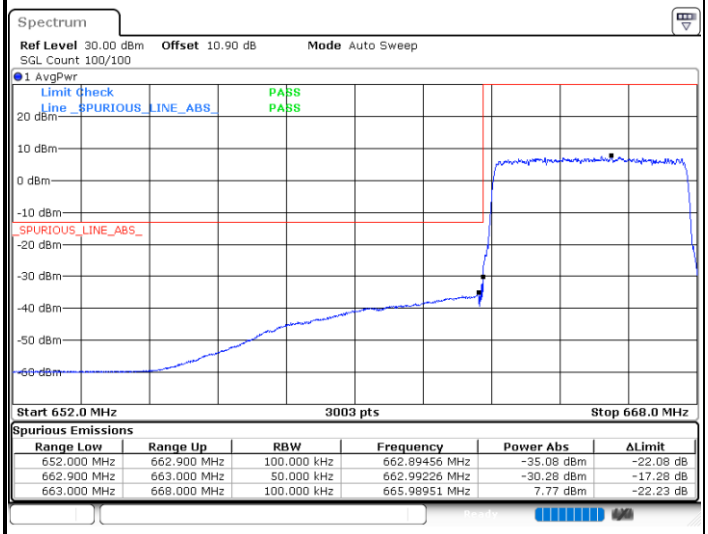


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	697.68781 MHz	20.36 dBm	-9.64 dB
698.000 MHz	698.100 MHz	50.000 kHz	698.00315 MHz	-22.50 dBm	-9.50 dB
698.100 MHz	709.000 MHz	100.000 kHz	698.10544 MHz	-33.54 dBm	-20.54 dB

Date: 17.SEP.2022 13:58:38

Lowest Band Edge / Full RB

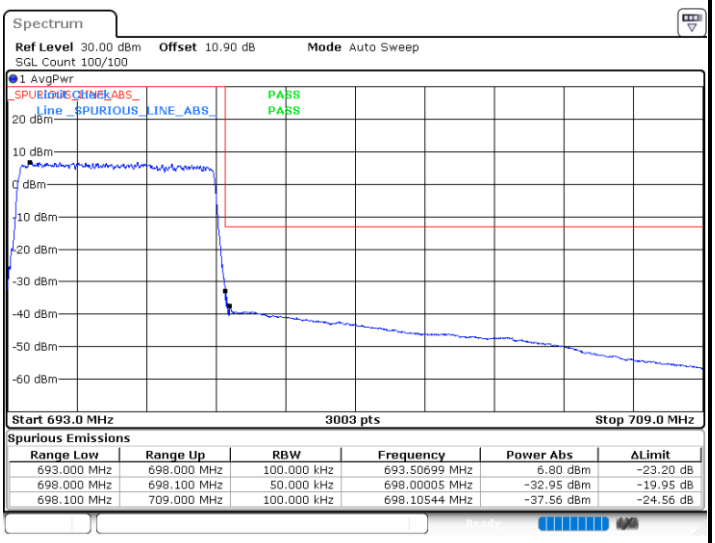


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.900 MHz	100.000 kHz	662.89456 MHz	-35.08 dBm	-22.08 dB
662.900 MHz	663.000 MHz	50.000 kHz	662.99226 MHz	-30.28 dBm	-17.28 dB
663.000 MHz	668.000 MHz	100.000 kHz	665.98951 MHz	7.77 dBm	-22.23 dB

Date: 17.SEP.2022 13:52:29

Highest Band Edge / Full RB



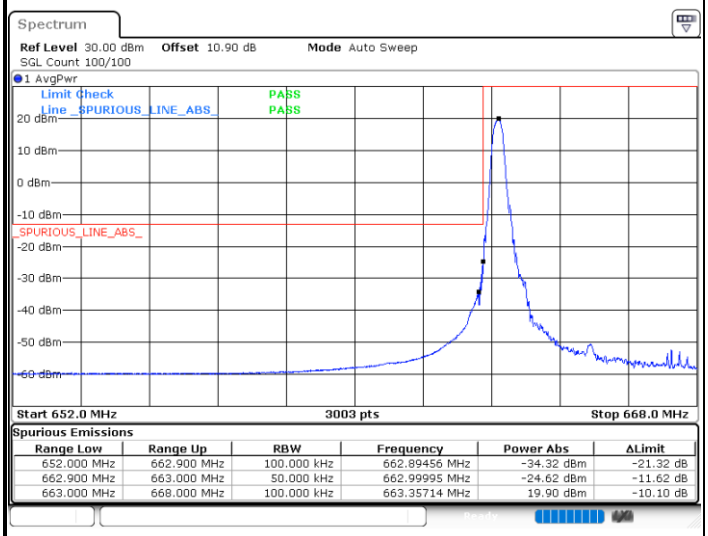
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	693.50699 MHz	6.80 dBm	-23.20 dB
698.000 MHz	698.100 MHz	50.000 kHz	698.00005 MHz	-32.95 dBm	-19.95 dB
698.100 MHz	709.000 MHz	100.000 kHz	698.10544 MHz	-37.56 dBm	-24.56 dB

Date: 17.SEP.2022 14:00:36

LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB

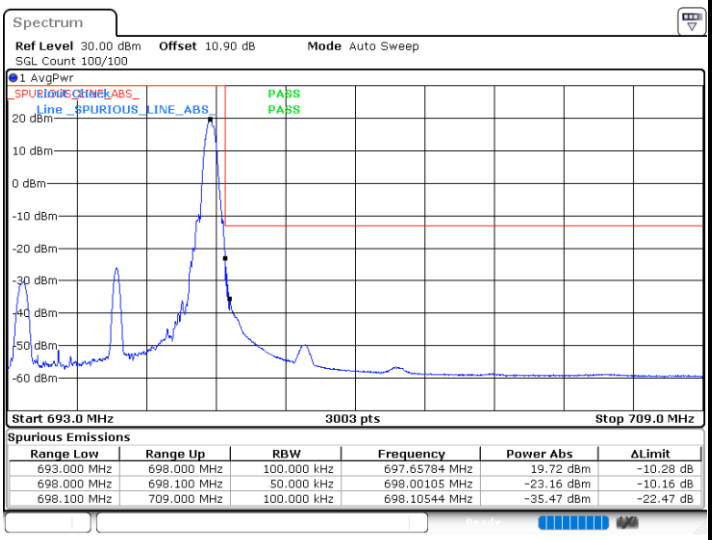


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.900 MHz	100.000 kHz	662.89456 MHz	-34.32 dBm	-21.32 dB
662.900 MHz	663.000 MHz	50.000 kHz	662.99995 MHz	-24.62 dBm	-11.62 dB
663.000 MHz	668.000 MHz	100.000 kHz	663.35714 MHz	19.90 dBm	-10.10 dB

Date: 17.SEP.2022 14:02:43

Highest Band Edge / 1 RB

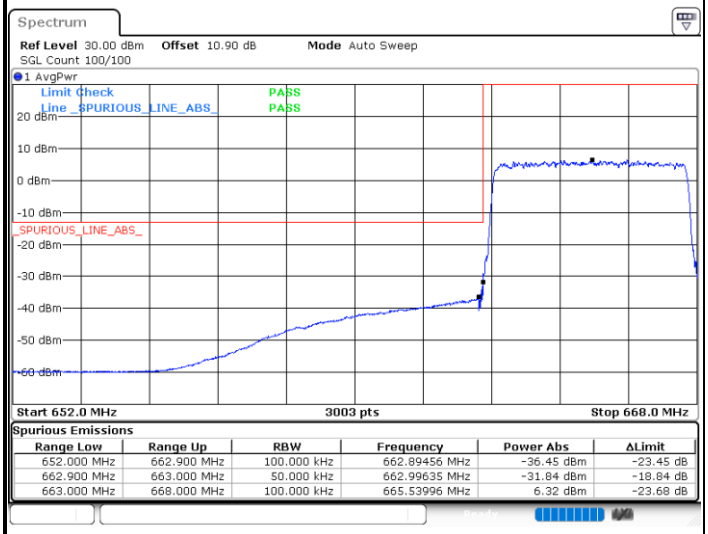


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	697.65784 MHz	19.72 dBm	-10.28 dB
698.000 MHz	698.100 MHz	50.000 kHz	698.00105 MHz	-23.16 dBm	-10.16 dB
698.100 MHz	709.000 MHz	100.000 kHz	698.10544 MHz	-35.47 dBm	-22.47 dB

Date: 17.SEP.2022 14:05:24

Lowest Band Edge / Full RB

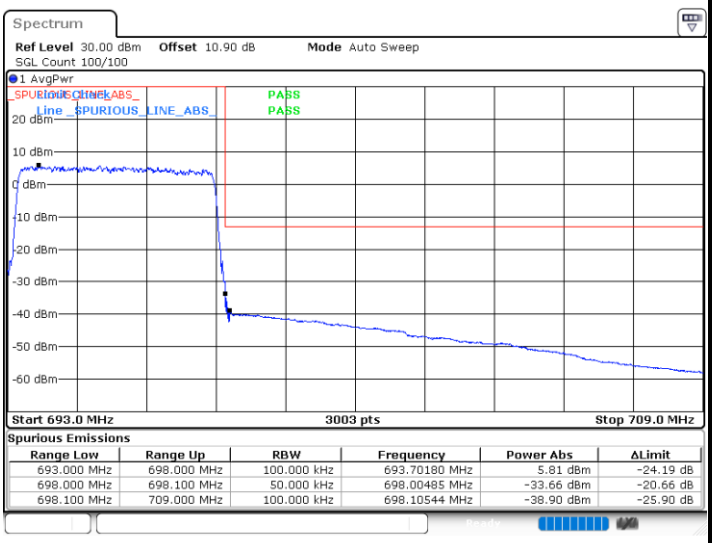


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.900 MHz	100.000 kHz	662.89456 MHz	-36.45 dBm	-23.45 dB
662.900 MHz	663.000 MHz	50.000 kHz	662.99635 MHz	-31.84 dBm	-18.84 dB
663.000 MHz	668.000 MHz	100.000 kHz	665.53996 MHz	6.32 dBm	-23.68 dB

Date: 17.SEP.2022 14:03:42

Highest Band Edge / Full RB



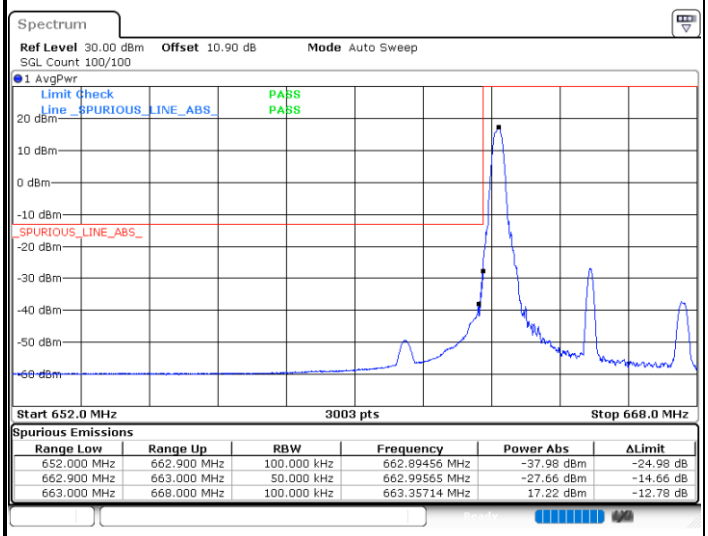
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	693.70180 MHz	5.81 dBm	-24.19 dB
698.000 MHz	698.100 MHz	50.000 kHz	698.00485 MHz	-33.66 dBm	-20.66 dB
698.100 MHz	709.000 MHz	100.000 kHz	698.10544 MHz	-38.90 dBm	-25.90 dB

Date: 17.SEP.2022 14:06:23

LTE Band 71 / 5MHz / 256QAM

Lowest Band Edge / 1RB

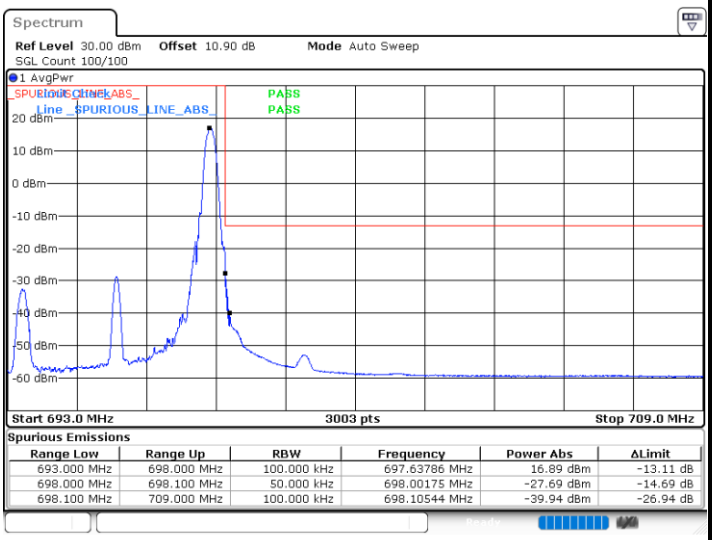


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.900 MHz	100.000 kHz	662.89456 MHz	-37.98 dBm	-24.98 dB
662.900 MHz	663.000 MHz	50.000 kHz	662.99565 MHz	-27.66 dBm	-14.66 dB
663.000 MHz	668.000 MHz	100.000 kHz	663.35714 MHz	17.22 dBm	-12.78 dB

Date: 17.SEP.2022 15:22:30

Highest Band Edge / 1 RB

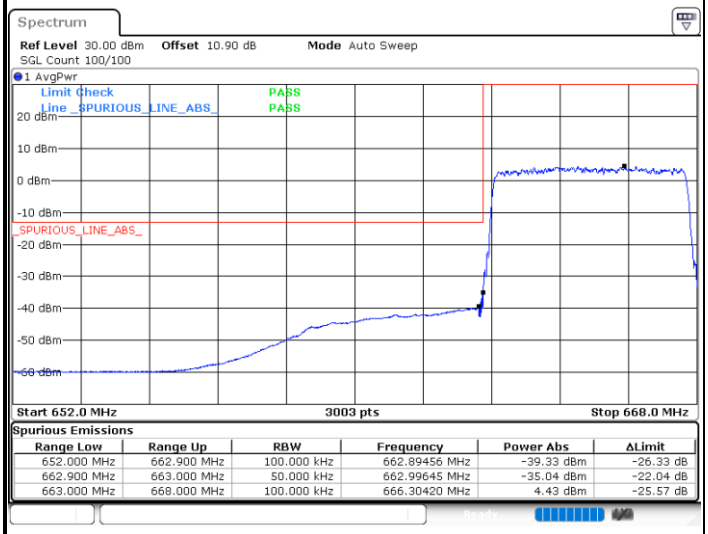


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	697.63786 MHz	16.89 dBm	-13.11 dB
698.000 MHz	698.100 MHz	50.000 kHz	698.00175 MHz	-27.69 dBm	-14.69 dB
698.100 MHz	709.000 MHz	100.000 kHz	698.10544 MHz	-39.94 dBm	-26.94 dB

Date: 17.SEP.2022 15:25:14

Lowest Band Edge / Full RB

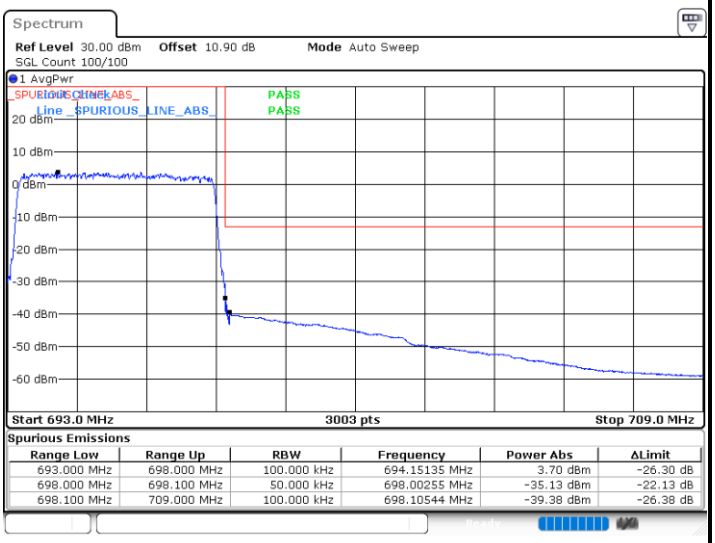


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.900 MHz	100.000 kHz	662.89456 MHz	-39.33 dBm	-26.33 dB
662.900 MHz	663.000 MHz	50.000 kHz	662.99645 MHz	-35.04 dBm	-22.04 dB
663.000 MHz	668.000 MHz	100.000 kHz	666.30420 MHz	4.43 dBm	-25.57 dB

Date: 17.SEP.2022 15:23:32

Highest Band Edge / Full RB



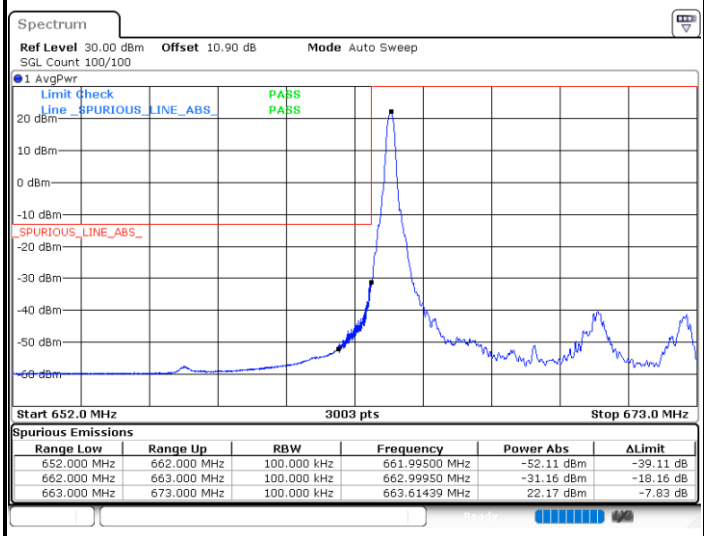
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	694.15135 MHz	3.70 dBm	-26.30 dB
698.000 MHz	698.100 MHz	50.000 kHz	698.00255 MHz	-35.13 dBm	-22.13 dB
698.100 MHz	709.000 MHz	100.000 kHz	698.10544 MHz	-39.38 dBm	-26.38 dB

Date: 17.SEP.2022 15:26:16

LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB

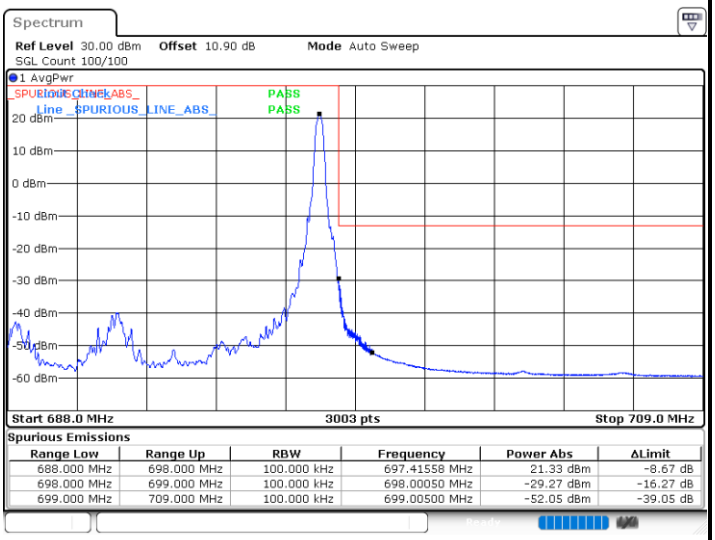


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-52.11 dBm	-39.11 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99950 MHz	-31.16 dBm	-18.16 dB
663.000 MHz	673.000 MHz	100.000 kHz	663.61439 MHz	22.17 dBm	-7.83 dB

Date: 17.SEP.2022 14:07:27

Highest Band Edge / 1 RB

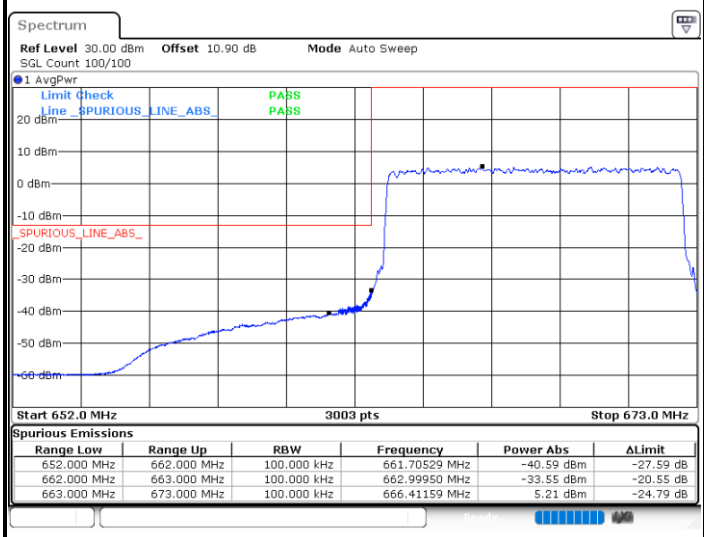


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	697.41558 MHz	21.33 dBm	-8.67 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00050 MHz	-29.27 dBm	-16.27 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-52.05 dBm	-39.05 dB

Date: 17.SEP.2022 14:15:33

Lowest Band Edge / Full RB

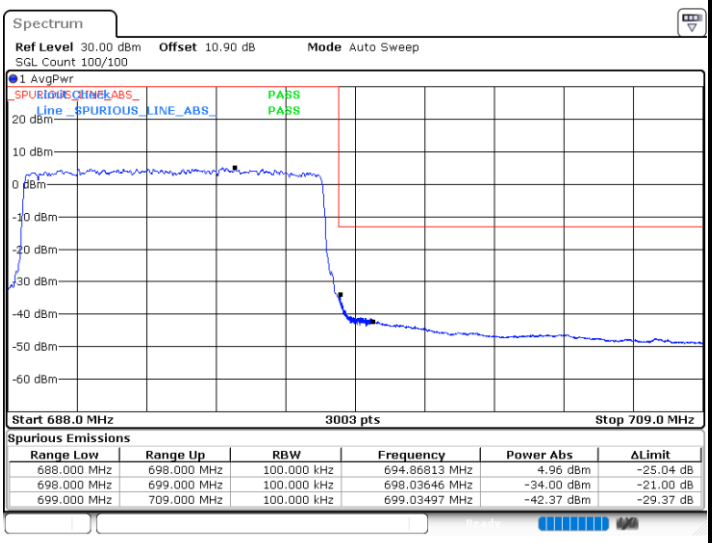


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.70529 MHz	-40.59 dBm	-27.59 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99950 MHz	-33.55 dBm	-20.55 dB
663.000 MHz	673.000 MHz	100.000 kHz	666.41159 MHz	5.21 dBm	-24.79 dB

Date: 17.SEP.2022 14:09:25

Highest Band Edge / Full RB



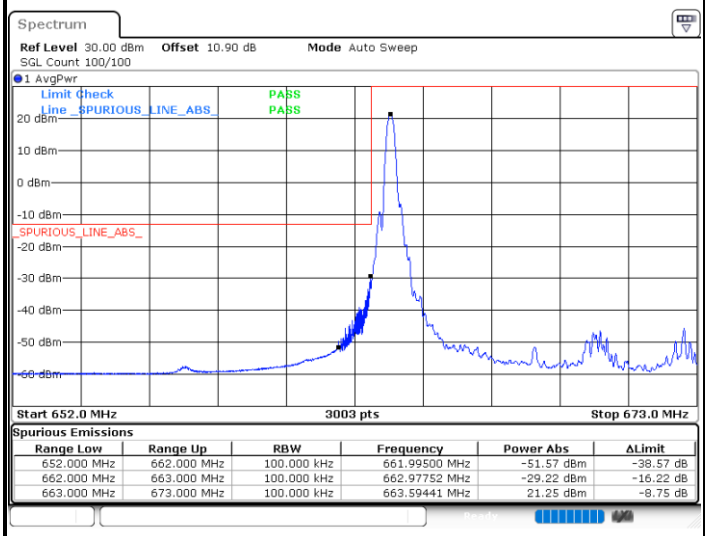
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	694.86813 MHz	4.96 dBm	-25.04 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.03646 MHz	-34.00 dBm	-21.00 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.03497 MHz	-42.37 dBm	-29.37 dB

Date: 17.SEP.2022 14:17:32

LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

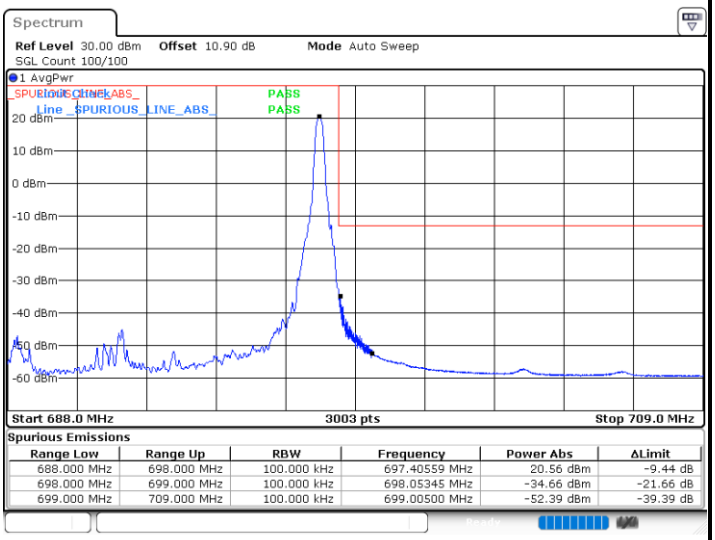


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-51.57 dBm	-38.57 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.97752 MHz	-29.22 dBm	-16.22 dB
663.000 MHz	673.000 MHz	100.000 kHz	663.59441 MHz	21.25 dBm	-8.75 dB

Date: 17.SEP.2022 14:08:26

Highest Band Edge / 1 RB

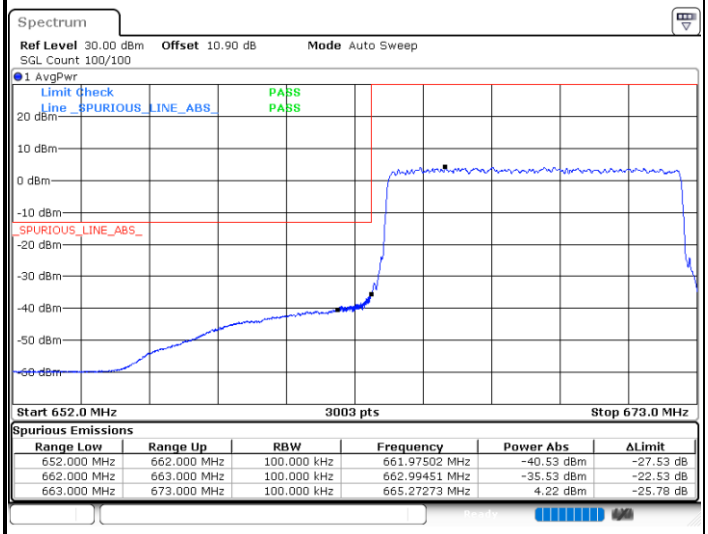


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	697.40559 MHz	20.56 dBm	-9.44 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.05345 MHz	-34.66 dBm	-21.66 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-52.39 dBm	-39.39 dB

Date: 17.SEP.2022 14:16:32

Lowest Band Edge / Full RB

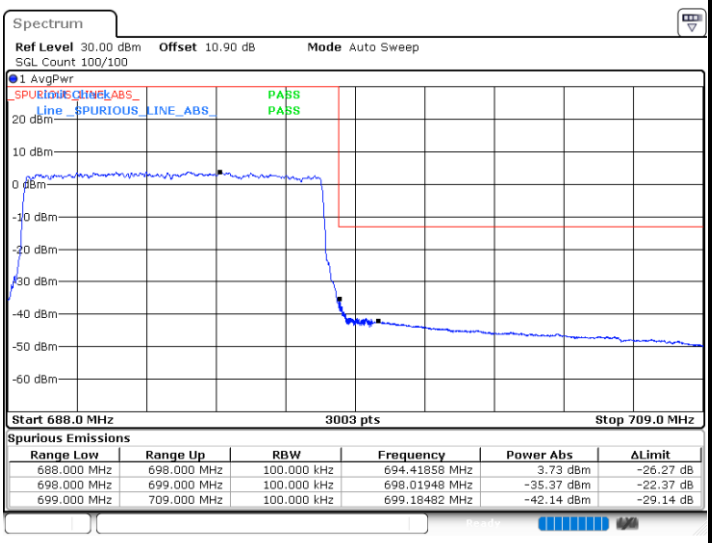


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.97502 MHz	-40.53 dBm	-27.53 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99451 MHz	-35.53 dBm	-22.53 dB
663.000 MHz	673.000 MHz	100.000 kHz	665.27273 MHz	4.22 dBm	-25.78 dB

Date: 17.SEP.2022 14:10:23

Highest Band Edge / Full RB



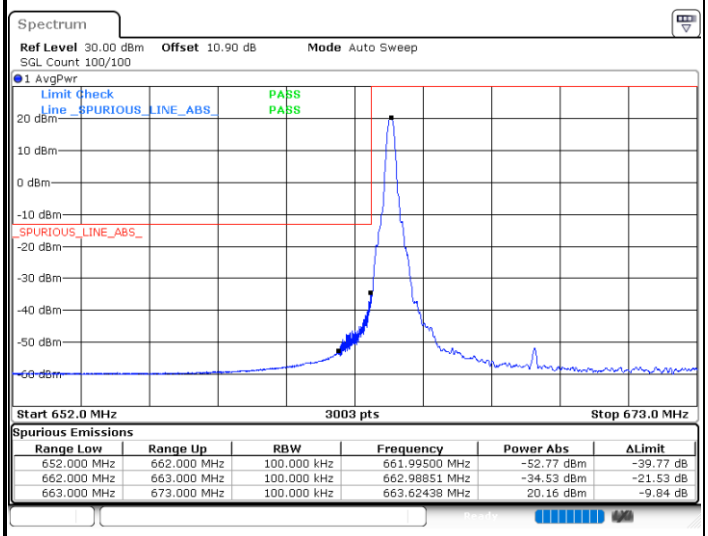
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	694.41858 MHz	3.73 dBm	-26.27 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.01948 MHz	-35.37 dBm	-22.37 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.18482 MHz	-42.14 dBm	-29.14 dB

Date: 17.SEP.2022 14:18:30

LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

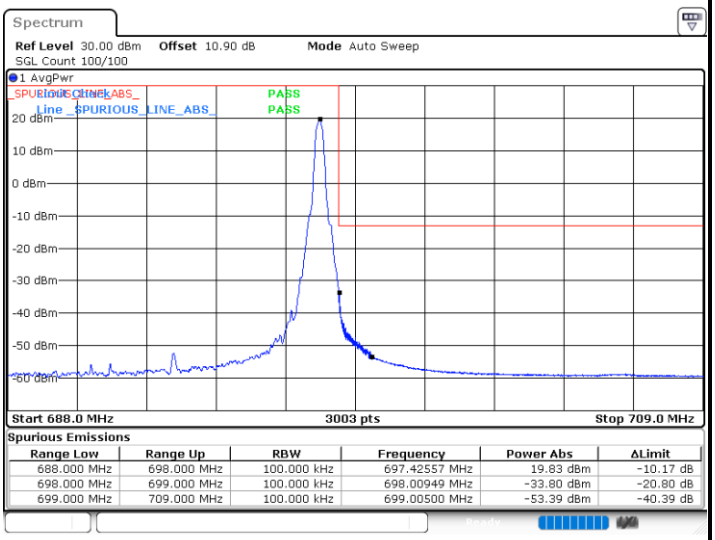


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-52.77 dBm	-39.77 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.98851 MHz	-34.53 dBm	-21.53 dB
663.000 MHz	673.000 MHz	100.000 kHz	663.62438 MHz	20.16 dBm	-9.84 dB

Date: 17.SEP.2022 14:20:38

Highest Band Edge / 1 RB

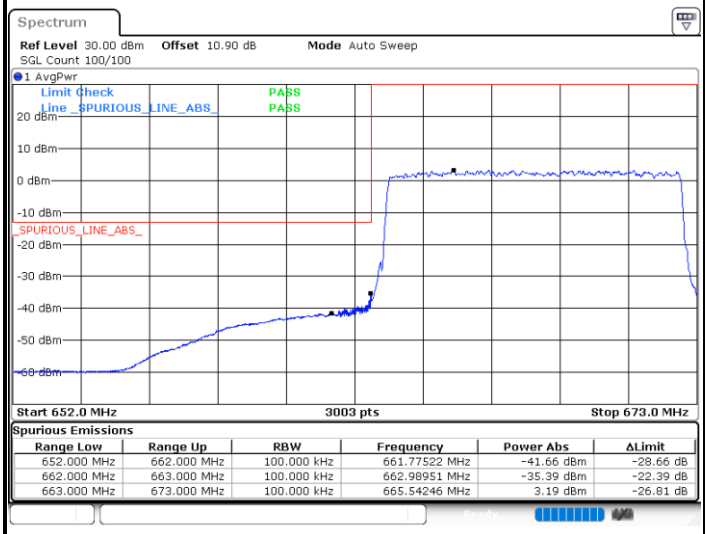


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	697.42557 MHz	19.83 dBm	-10.17 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00949 MHz	-33.80 dBm	-20.80 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-53.39 dBm	-40.39 dB

Date: 17.SEP.2022 14:23:19

Lowest Band Edge / Full RB

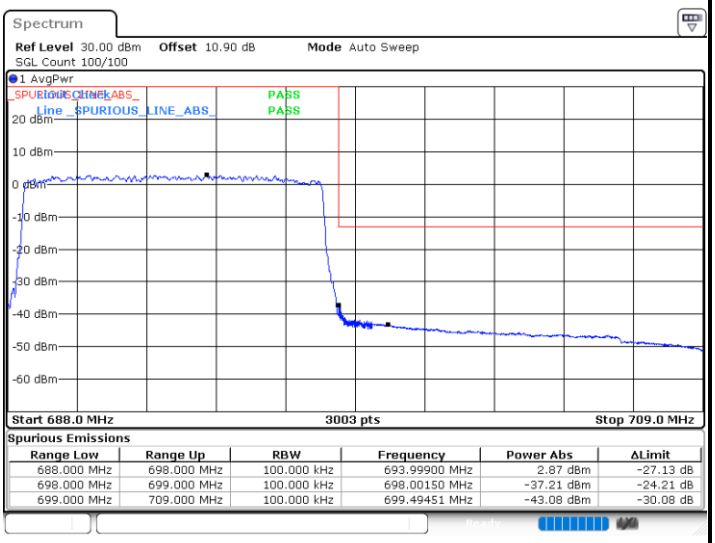


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.77522 MHz	-41.66 dBm	-28.66 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.98951 MHz	-35.39 dBm	-22.39 dB
663.000 MHz	673.000 MHz	100.000 kHz	665.54246 MHz	3.19 dBm	-26.81 dB

Date: 17.SEP.2022 14:21:37

Highest Band Edge / Full RB



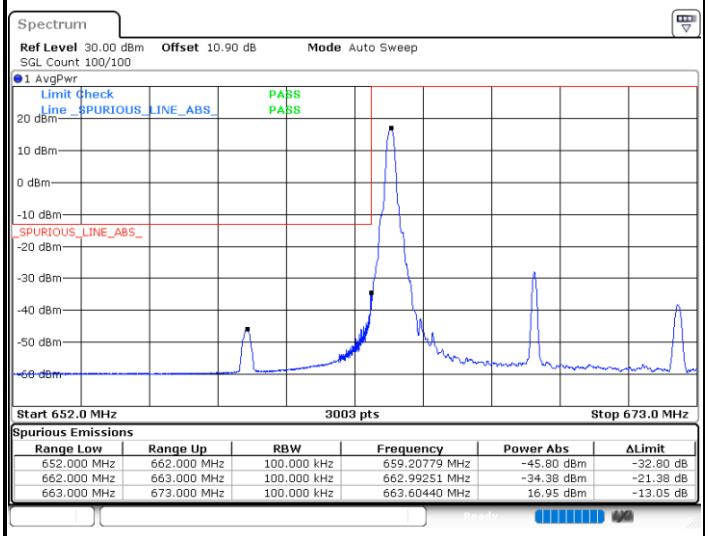
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	693.99900 MHz	2.87 dBm	-27.13 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00150 MHz	-37.21 dBm	-24.21 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.49451 MHz	-43.08 dBm	-30.08 dB

Date: 17.SEP.2022 14:24:18

LTE Band 71 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

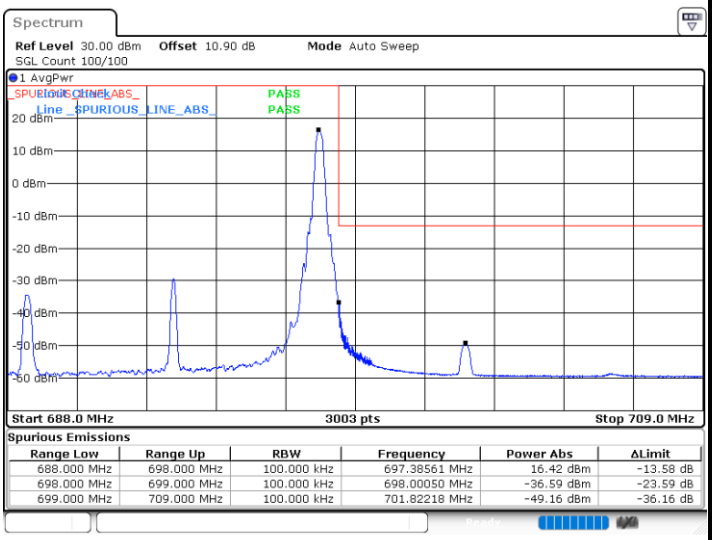


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	659.20779 MHz	-45.80 dBm	-32.80 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99251 MHz	-34.38 dBm	-21.38 dB
663.000 MHz	673.000 MHz	100.000 kHz	663.60440 MHz	16.95 dBm	-13.05 dB

Date: 17.SEP.2022 15:27:20

Highest Band Edge / 1 RB

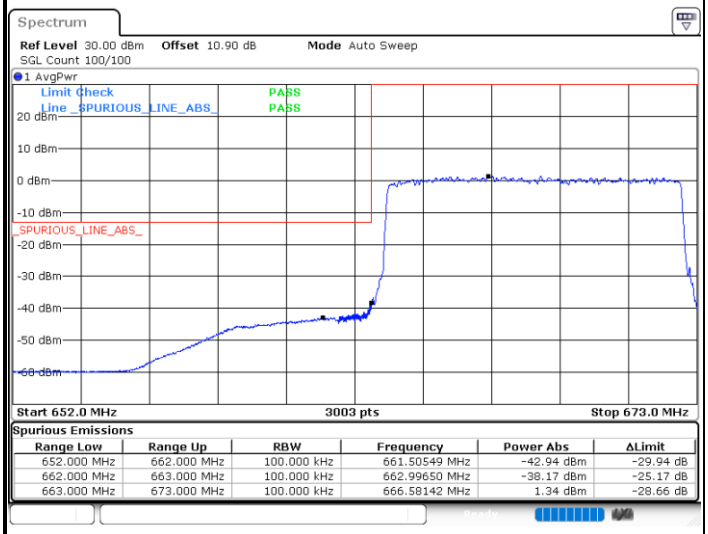


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	697.38561 MHz	16.42 dBm	-13.58 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00050 MHz	-36.59 dBm	-23.59 dB
699.000 MHz	709.000 MHz	100.000 kHz	701.82218 MHz	-49.16 dBm	-36.16 dB

Date: 17.SEP.2022 15:30:03

Lowest Band Edge / Full RB

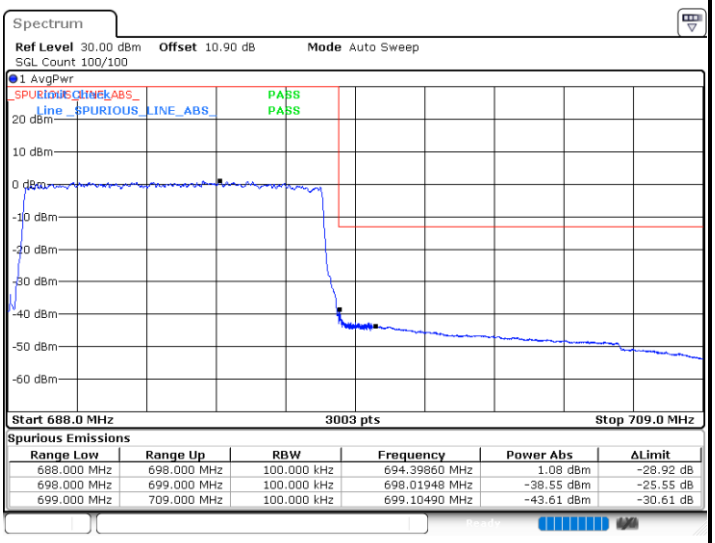


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.50549 MHz	-42.94 dBm	-29.94 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99650 MHz	-38.17 dBm	-25.17 dB
663.000 MHz	673.000 MHz	100.000 kHz	666.58142 MHz	1.34 dBm	-28.66 dB

Date: 17.SEP.2022 15:28:21

Highest Band Edge / Full RB



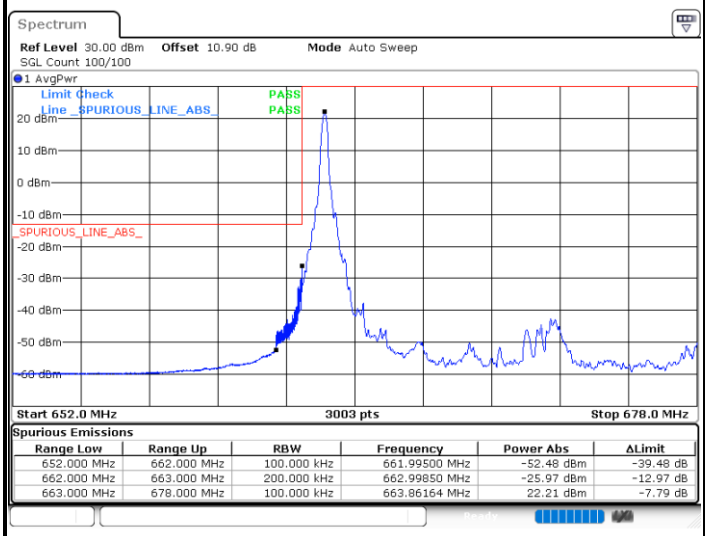
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	694.39860 MHz	1.08 dBm	-28.92 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.01948 MHz	-38.55 dBm	-25.55 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.10490 MHz	-43.61 dBm	-30.61 dB

Date: 17.SEP.2022 15:31:05

LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB

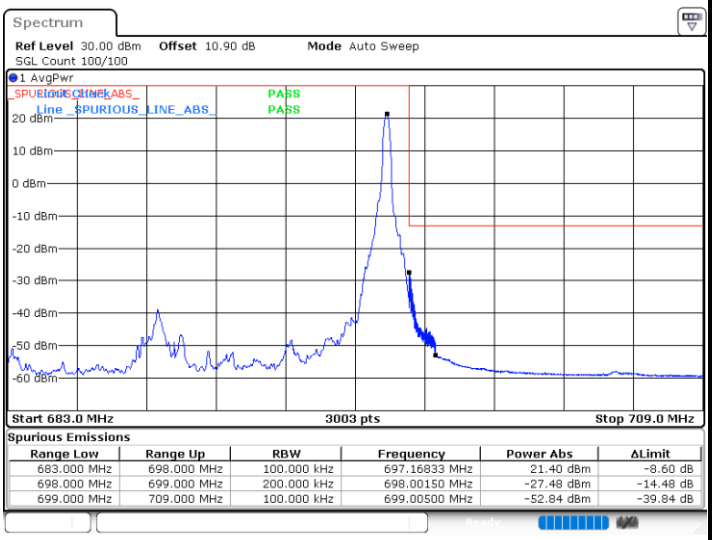


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-52.48 dBm	-39.48 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.99850 MHz	-25.97 dBm	-12.97 dB
663.000 MHz	678.000 MHz	100.000 kHz	663.86164 MHz	22.21 dBm	-7.79 dB

Date: 17.SEP.2022 14:25:22

Highest Band Edge / 1 RB

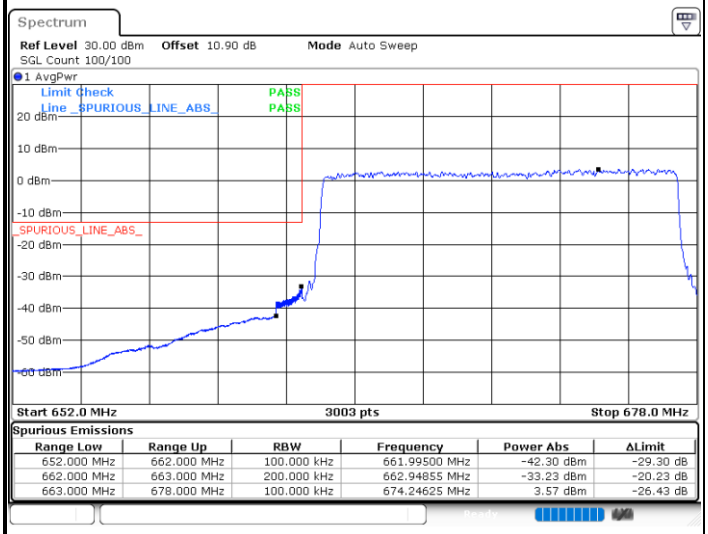


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	697.16833 MHz	21.40 dBm	-8.60 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.00150 MHz	-27.48 dBm	-14.48 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-52.84 dBm	-39.84 dB

Date: 17.SEP.2022 14:33:29

Lowest Band Edge / Full RB

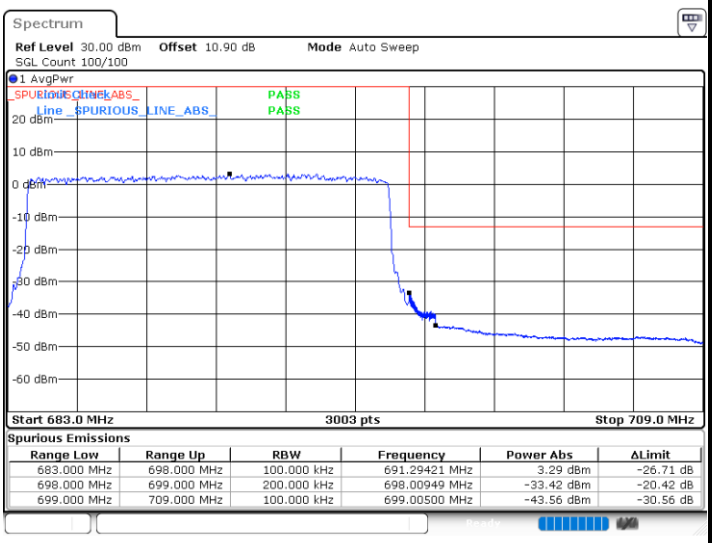


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-42.30 dBm	-29.30 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.94855 MHz	-33.23 dBm	-20.23 dB
663.000 MHz	678.000 MHz	100.000 kHz	674.24625 MHz	3.57 dBm	-26.43 dB

Date: 17.SEP.2022 14:27:20

Highest Band Edge / Full RB



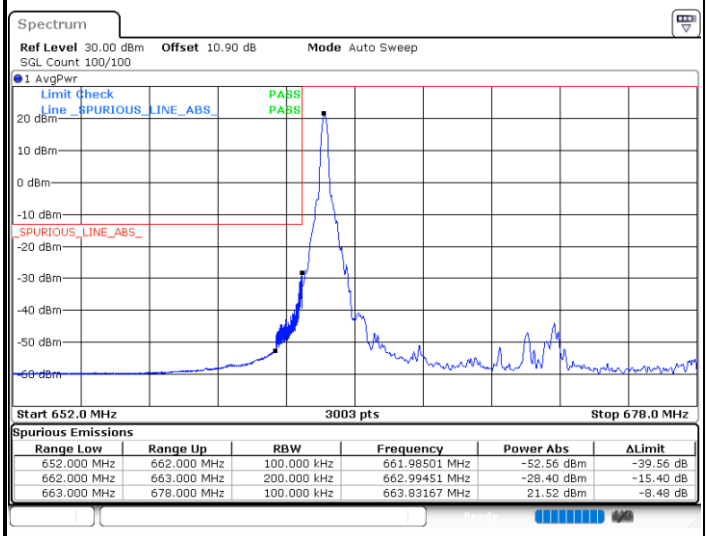
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	691.29421 MHz	3.29 dBm	-26.71 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.00949 MHz	-33.42 dBm	-20.42 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-43.56 dBm	-30.56 dB

Date: 17.SEP.2022 14:35:27

LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

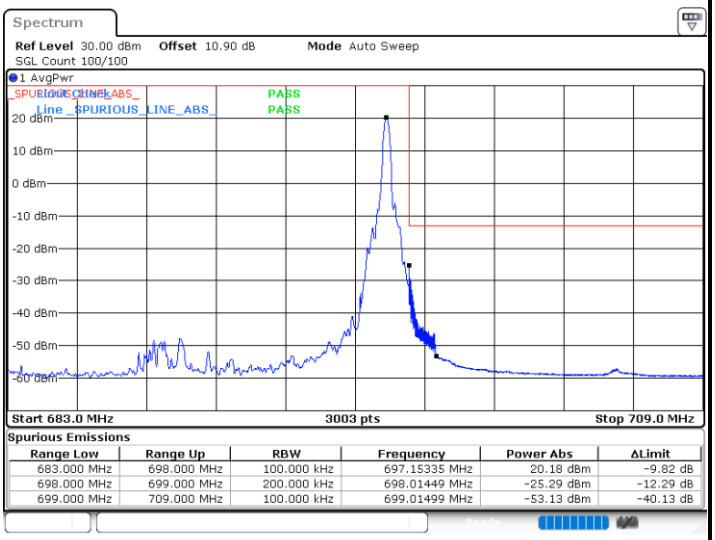


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.98501 MHz	-52.56 dBm	-39.56 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.99451 MHz	-28.40 dBm	-15.40 dB
663.000 MHz	678.000 MHz	100.000 kHz	663.83167 MHz	21.52 dBm	-8.48 dB

Date: 17.SEP.2022 14:26:21

Highest Band Edge / 1 RB

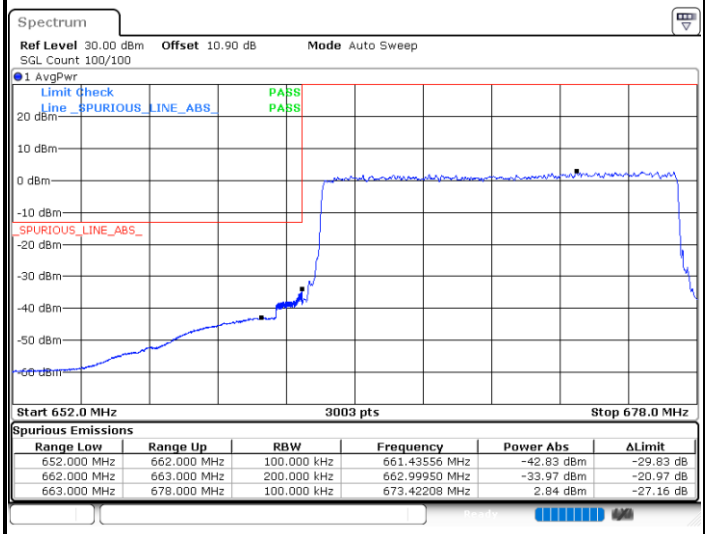


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	697.15335 MHz	20.18 dBm	-9.82 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.01449 MHz	-25.29 dBm	-12.29 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.01499 MHz	-53.13 dBm	-40.13 dB

Date: 17.SEP.2022 14:34:28

Lowest Band Edge / Full RB

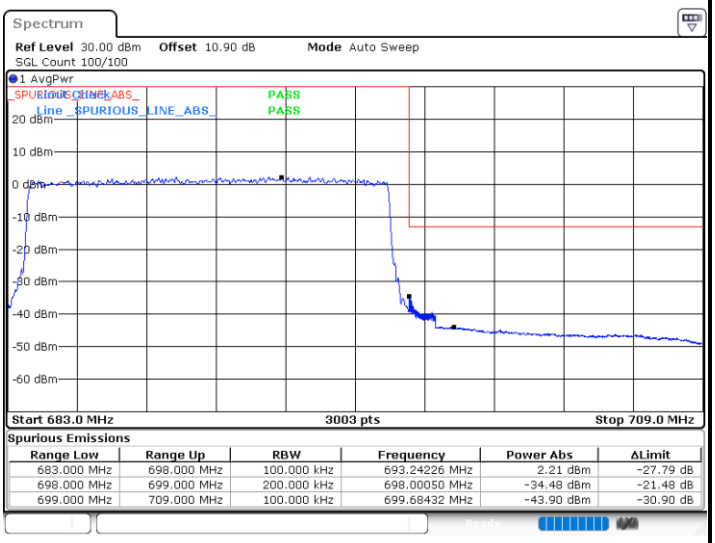


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.43556 MHz	-42.83 dBm	-29.83 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.99950 MHz	-33.97 dBm	-20.97 dB
663.000 MHz	678.000 MHz	100.000 kHz	673.42208 MHz	2.84 dBm	-27.16 dB

Date: 17.SEP.2022 14:28:19

Highest Band Edge / Full RB



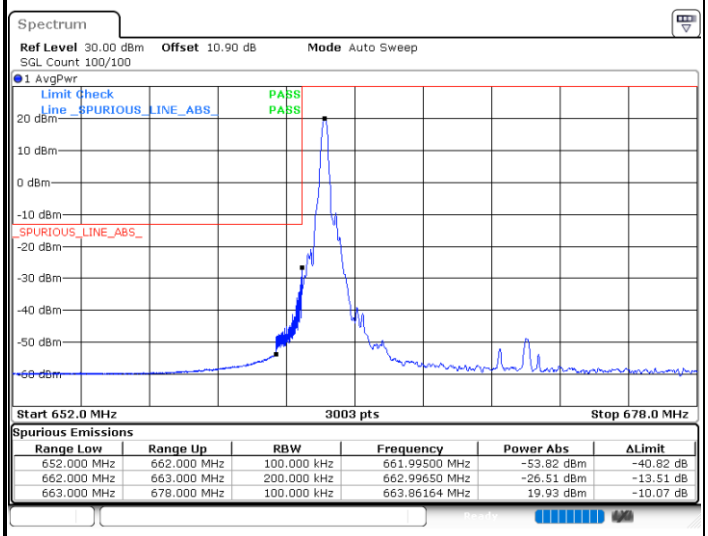
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	693.24226 MHz	2.21 dBm	-27.79 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.00050 MHz	-34.48 dBm	-21.48 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.68432 MHz	-43.90 dBm	-30.90 dB

Date: 17.SEP.2022 14:36:27

LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

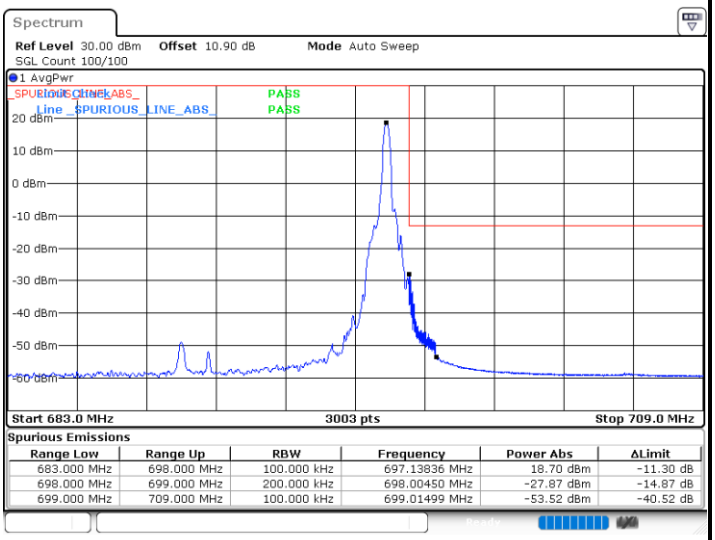


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-53.82 dBm	-40.82 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.99650 MHz	-26.51 dBm	-13.51 dB
663.000 MHz	678.000 MHz	100.000 kHz	663.86164 MHz	19.93 dBm	-10.07 dB

Date: 17.SEP.2022 14:38:33

Highest Band Edge / 1 RB

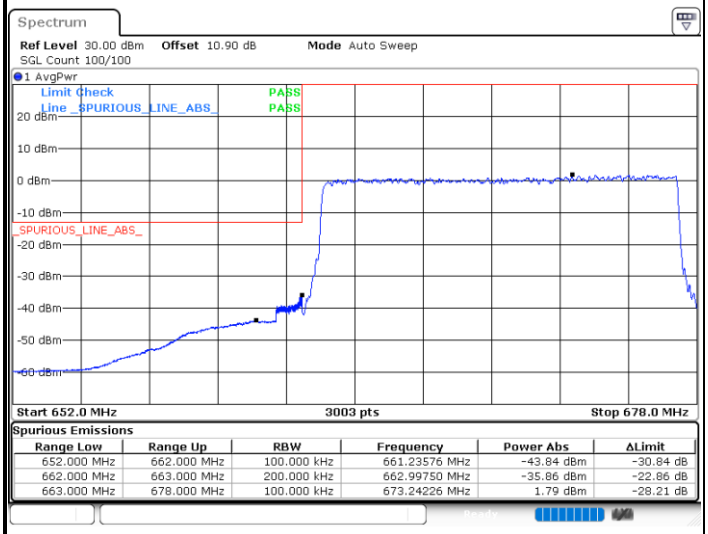


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	697.13836 MHz	18.70 dBm	-11.30 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.00450 MHz	-27.87 dBm	-14.87 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.01499 MHz	-53.52 dBm	-40.52 dB

Date: 17.SEP.2022 14:41:14

Lowest Band Edge / Full RB

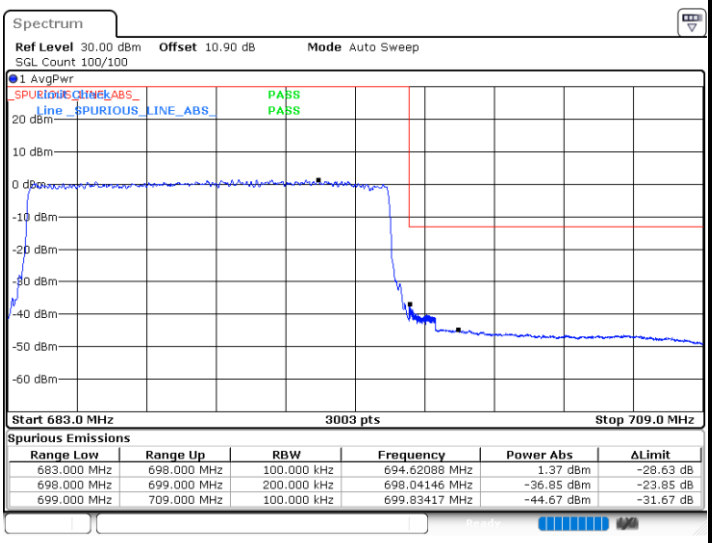


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.23576 MHz	-43.84 dBm	-30.84 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.99750 MHz	-35.86 dBm	-22.86 dB
663.000 MHz	678.000 MHz	100.000 kHz	673.24226 MHz	1.79 dBm	-28.21 dB

Date: 17.SEP.2022 14:39:33

Highest Band Edge / Full RB



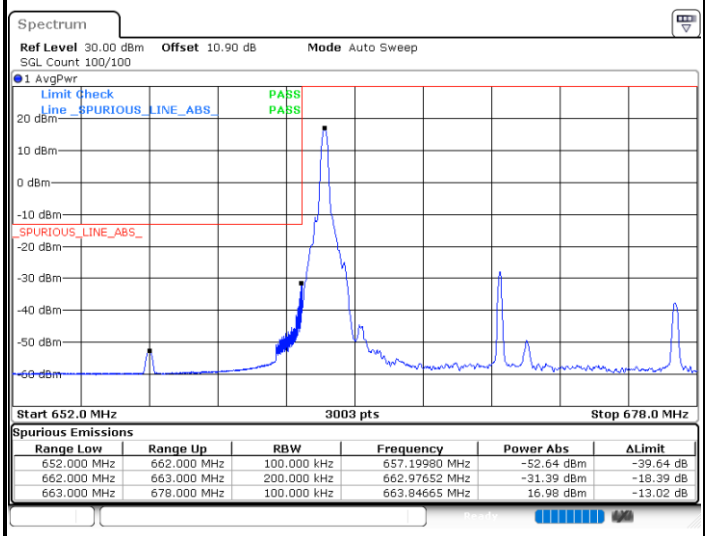
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	694.62088 MHz	1.37 dBm	-28.63 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.04146 MHz	-36.85 dBm	-23.85 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.83417 MHz	-44.67 dBm	-31.67 dB

Date: 17.SEP.2022 14:42:13

LTE Band 71 / 15MHz / 256QAM

Lowest Band Edge / 1 RB

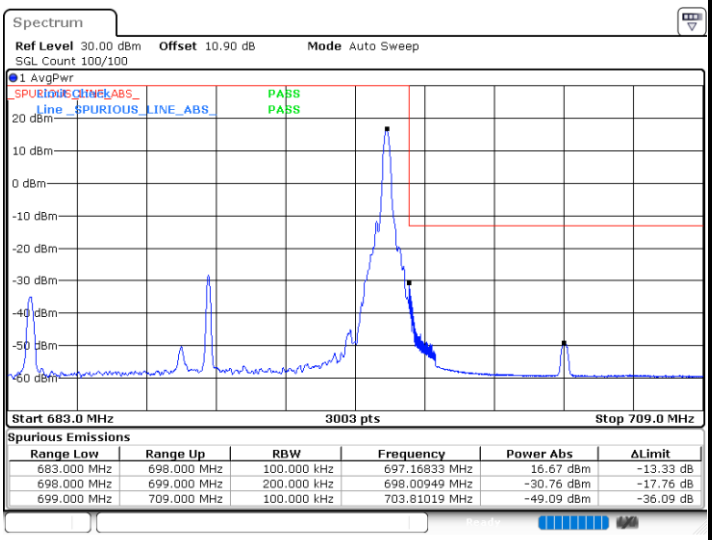


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	657.19980 MHz	-52.64 dBm	-39.64 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.97652 MHz	-31.39 dBm	-18.39 dB
663.000 MHz	678.000 MHz	100.000 kHz	663.84665 MHz	16.98 dBm	-13.02 dB

Date: 17.SEP.2022 15:32:08

Highest Band Edge / 1 RB

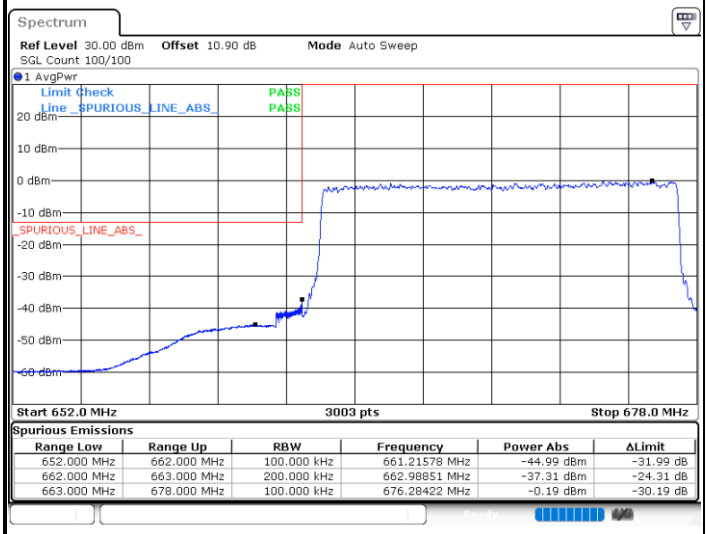


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	697.16833 MHz	16.67 dBm	-13.33 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.00949 MHz	-30.76 dBm	-17.76 dB
699.000 MHz	709.000 MHz	100.000 kHz	703.81019 MHz	-49.09 dBm	-36.09 dB

Date: 17.SEP.2022 15:34:52

Lowest Band Edge / Full RB

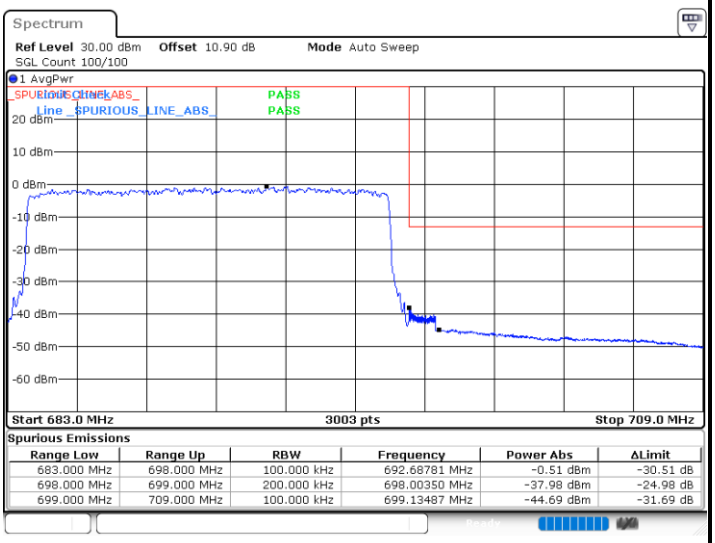


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.21578 MHz	-44.99 dBm	-31.99 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.98851 MHz	-37.31 dBm	-24.31 dB
663.000 MHz	678.000 MHz	100.000 kHz	676.28422 MHz	-0.19 dBm	-30.19 dB

Date: 17.SEP.2022 15:33:10

Highest Band Edge / Full RB



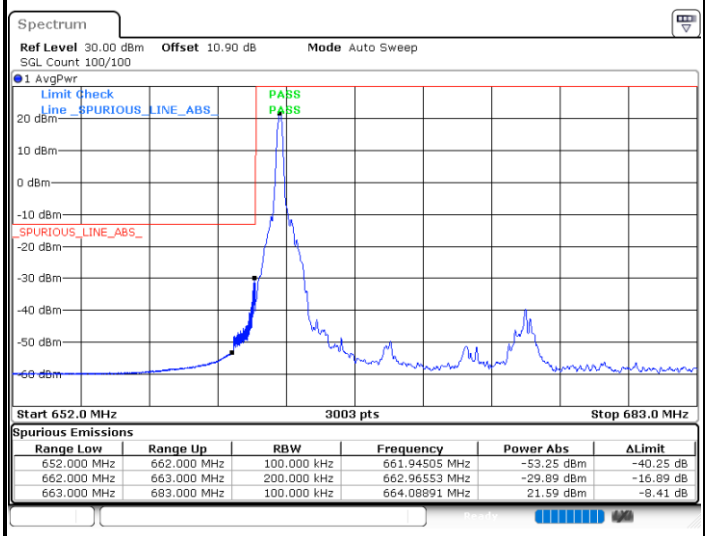
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	692.68781 MHz	-0.51 dBm	-30.51 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.00350 MHz	-37.98 dBm	-24.98 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.13487 MHz	-44.69 dBm	-31.69 dB

Date: 17.SEP.2022 15:35:54

LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB

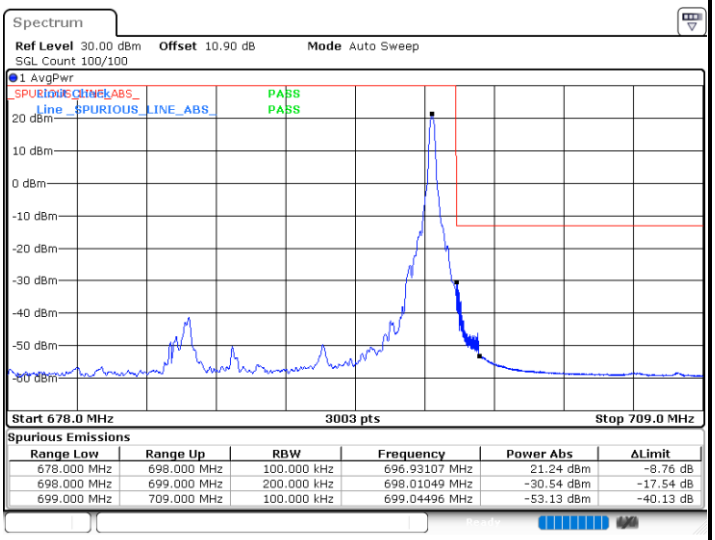


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.94505 MHz	-53.25 dBm	-40.25 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.96553 MHz	-29.89 dBm	-16.89 dB
663.000 MHz	683.000 MHz	100.000 kHz	664.08891 MHz	21.59 dBm	-8.41 dB

Date: 17.SEP.2022 14:43:17

Highest Band Edge / 1 RB

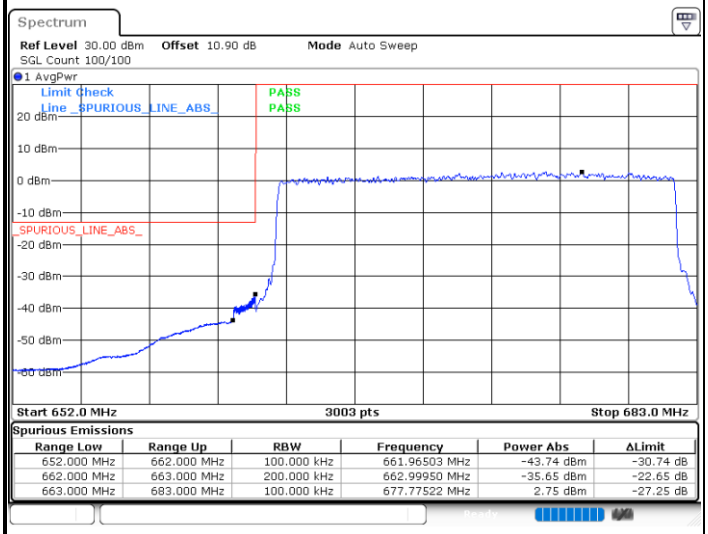


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	696.93107 MHz	21.24 dBm	-8.76 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.01049 MHz	-30.54 dBm	-17.54 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.04496 MHz	-53.13 dBm	-40.13 dB

Date: 17.SEP.2022 14:51:24

Lowest Band Edge / Full RB

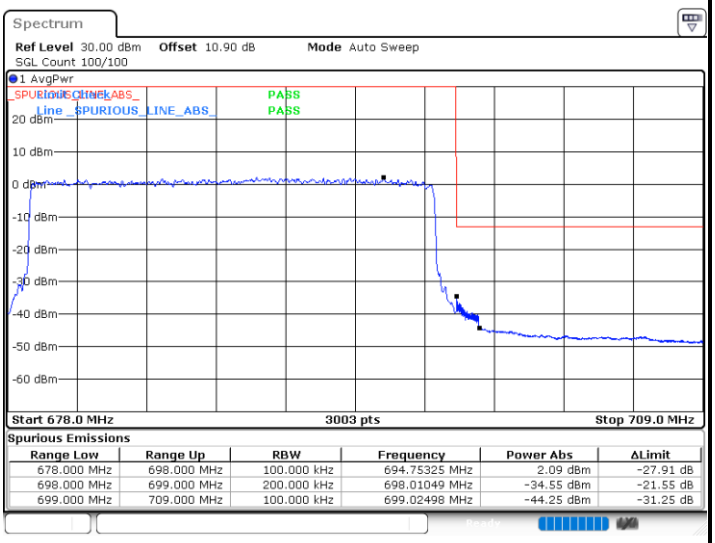


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.96503 MHz	-43.74 dBm	-30.74 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.99950 MHz	-35.65 dBm	-22.65 dB
663.000 MHz	683.000 MHz	100.000 kHz	677.77522 MHz	2.75 dBm	-27.25 dB

Date: 17.SEP.2022 14:45:15

Highest Band Edge / Full RB



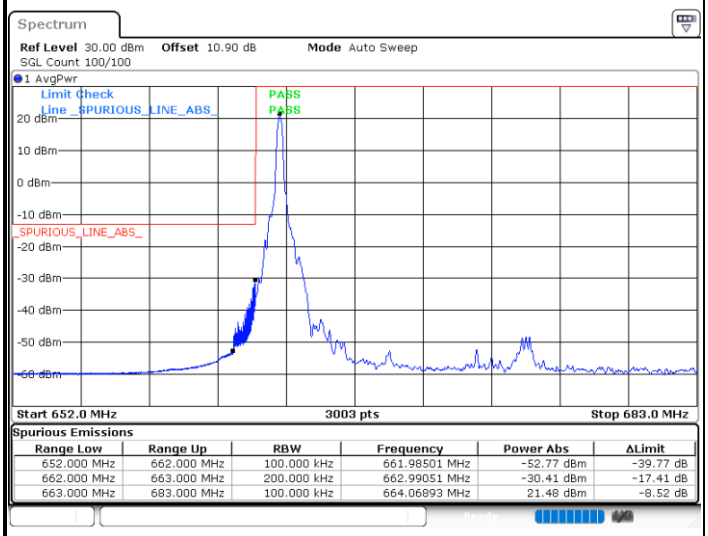
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	694.75325 MHz	2.09 dBm	-27.91 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.01049 MHz	-34.55 dBm	-21.55 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.02498 MHz	-44.25 dBm	-31.25 dB

Date: 17.SEP.2022 14:54:21

LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

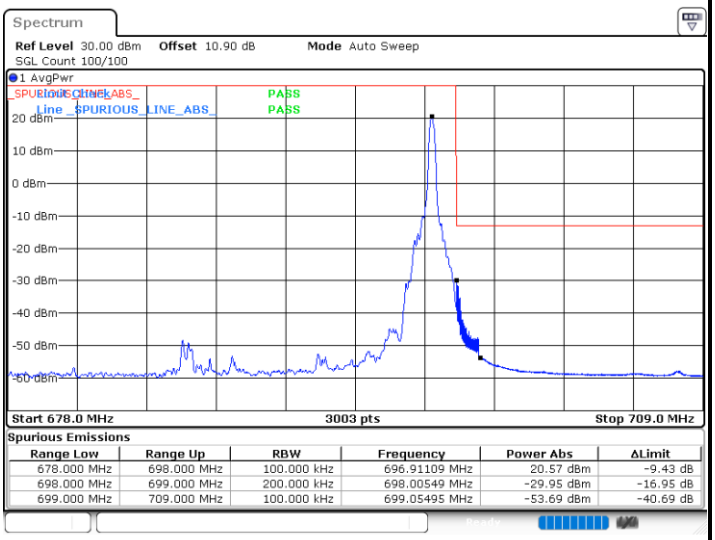


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.98501 MHz	-52.77 dBm	-39.77 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.99051 MHz	-30.41 dBm	-17.41 dB
663.000 MHz	683.000 MHz	100.000 kHz	664.06893 MHz	21.48 dBm	-8.52 dB

Date: 17.SEP.2022 14:44:16

Highest Band Edge / 1 RB

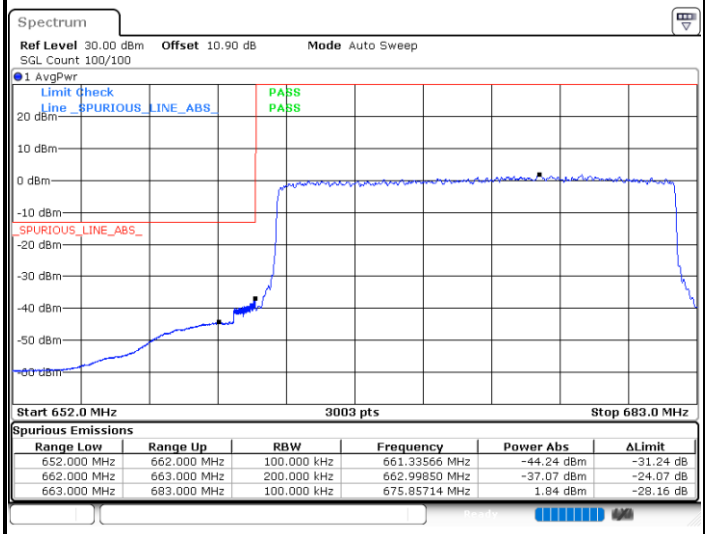


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	696.91109 MHz	20.57 dBm	-9.43 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.00549 MHz	-29.95 dBm	-16.95 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.05495 MHz	-53.69 dBm	-40.69 dB

Date: 17.SEP.2022 14:52:23

Lowest Band Edge / Full RB

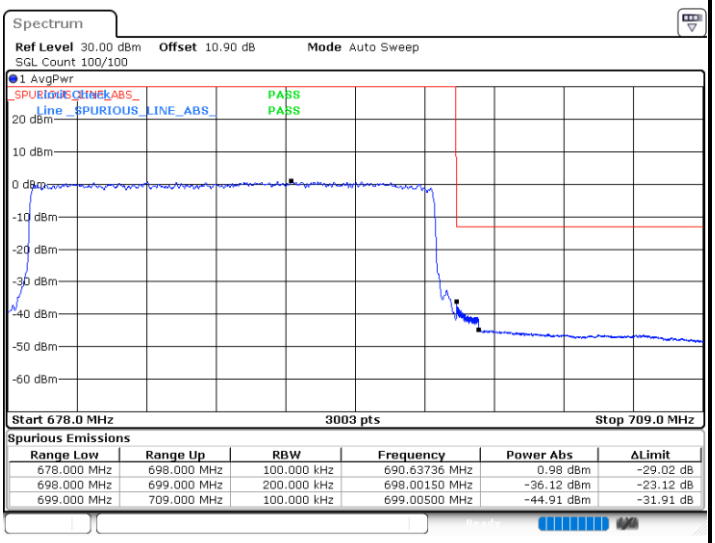


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.33566 MHz	-44.24 dBm	-31.24 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.99850 MHz	-37.07 dBm	-24.07 dB
663.000 MHz	683.000 MHz	100.000 kHz	675.85714 MHz	1.84 dBm	-28.16 dB

Date: 17.SEP.2022 14:46:14

Highest Band Edge / Full RB



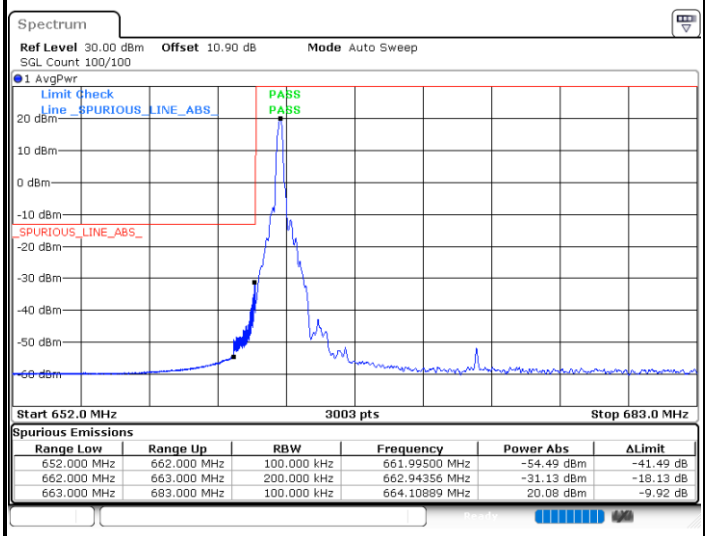
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	690.63736 MHz	0.98 dBm	-29.02 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.00150 MHz	-36.12 dBm	-23.12 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-44.91 dBm	-31.91 dB

Date: 17.SEP.2022 14:53:23

LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

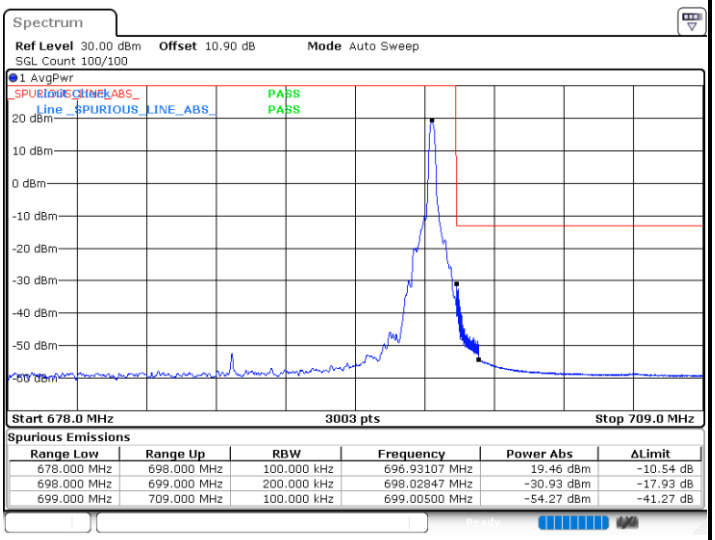


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-54.49 dBm	-41.49 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.94356 MHz	-31.13 dBm	-18.13 dB
663.000 MHz	683.000 MHz	100.000 kHz	664.10889 MHz	20.08 dBm	-9.92 dB

Date: 17.SEP.2022 14:56:29

Highest Band Edge / 1 RB

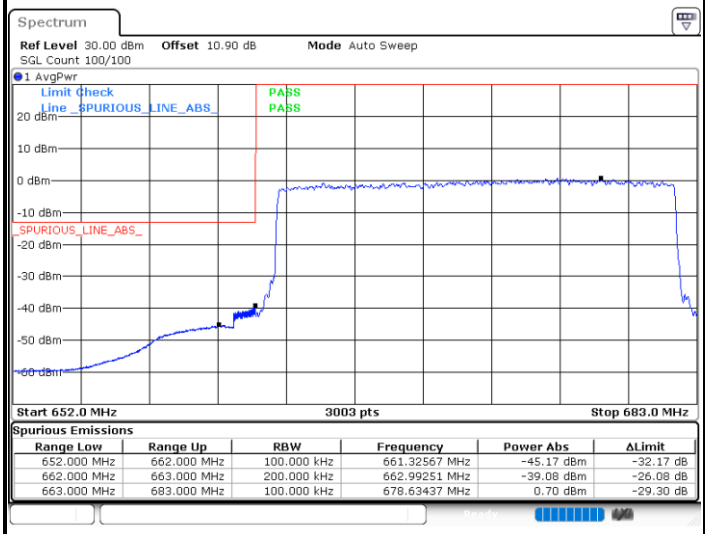


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	696.93107 MHz	19.46 dBm	-10.54 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.02847 MHz	-30.93 dBm	-17.93 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-54.27 dBm	-41.27 dB

Date: 17.SEP.2022 14:59:10

Lowest Band Edge / Full RB

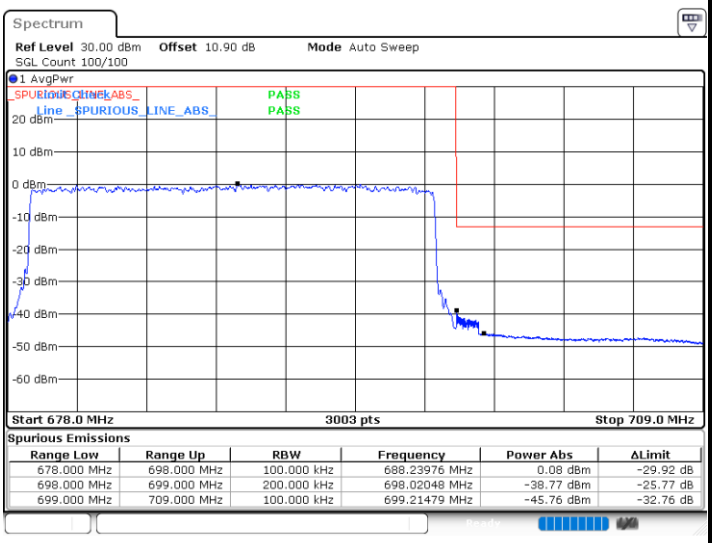


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.32567 MHz	-45.17 dBm	-32.17 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.99251 MHz	-39.08 dBm	-26.08 dB
663.000 MHz	683.000 MHz	100.000 kHz	678.63437 MHz	0.70 dBm	-29.30 dB

Date: 17.SEP.2022 14:57:28

Highest Band Edge / Full RB



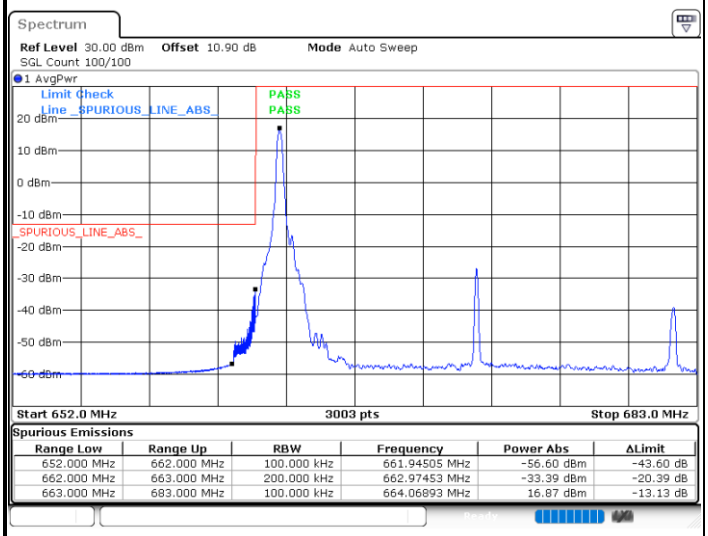
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	688.23976 MHz	0.08 dBm	-29.92 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.02048 MHz	-38.77 dBm	-25.77 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.21479 MHz	-45.76 dBm	-32.76 dB

Date: 17.SEP.2022 15:00:09

LTE Band 71 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

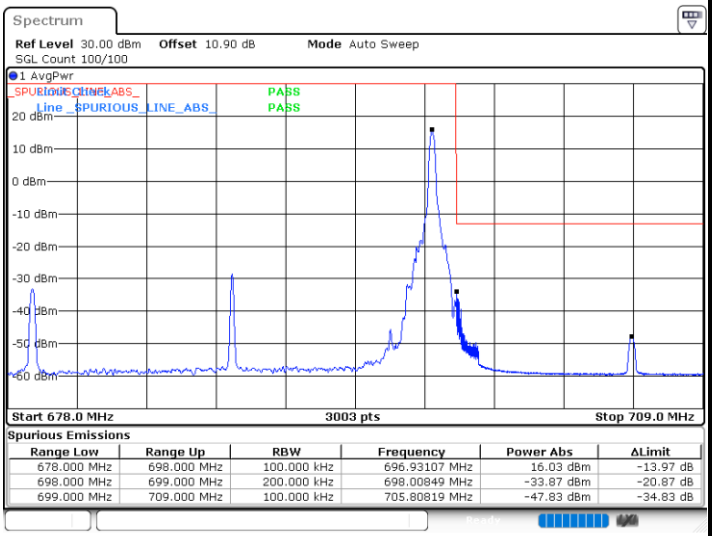


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.94505 MHz	-56.60 dBm	-43.60 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.97453 MHz	-33.39 dBm	-20.39 dB
663.000 MHz	683.000 MHz	100.000 kHz	664.06893 MHz	16.87 dBm	-13.13 dB

Date: 17.SEP.2022 15:36:58

Highest Band Edge / 1 RB

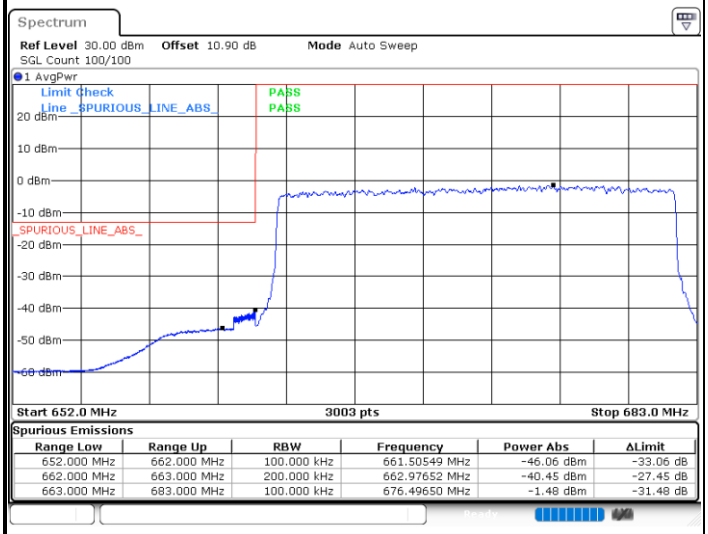


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	696.93107 MHz	16.03 dBm	-13.97 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.00849 MHz	-33.87 dBm	-20.87 dB
699.000 MHz	709.000 MHz	100.000 kHz	705.80819 MHz	-47.83 dBm	-34.83 dB

Date: 17.SEP.2022 15:39:41

Lowest Band Edge / Full RB

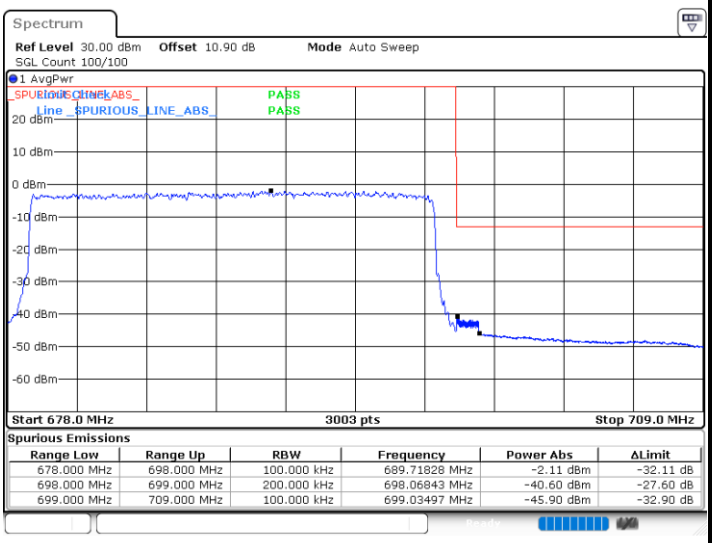


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.50549 MHz	-46.06 dBm	-33.06 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.97652 MHz	-40.45 dBm	-27.45 dB
663.000 MHz	683.000 MHz	100.000 kHz	676.49650 MHz	-1.48 dBm	-31.48 dB

Date: 17.SEP.2022 15:37:59

Highest Band Edge / Full RB



Spurious Emissions

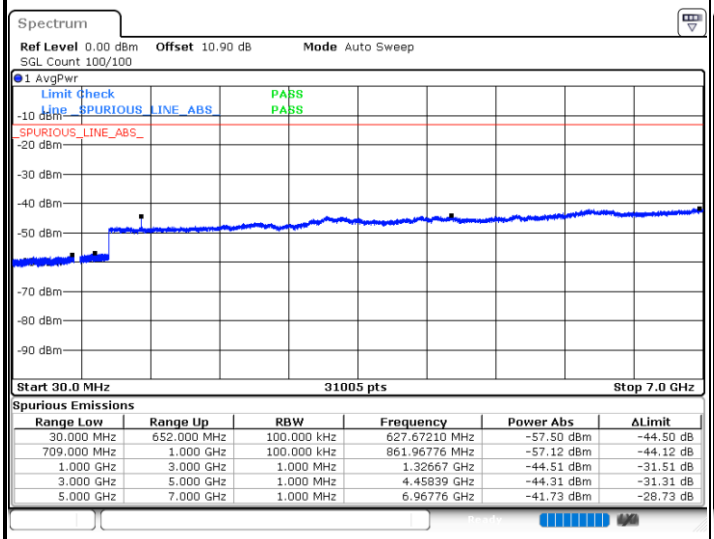
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	689.71828 MHz	-2.11 dBm	-32.11 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.06843 MHz	-40.60 dBm	-27.60 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.03497 MHz	-45.90 dBm	-32.90 dB

Date: 17.SEP.2022 15:40:43

Conducted Spurious Emission

LTE Band 71 / 5MHz

Lowest Channel / QPSK

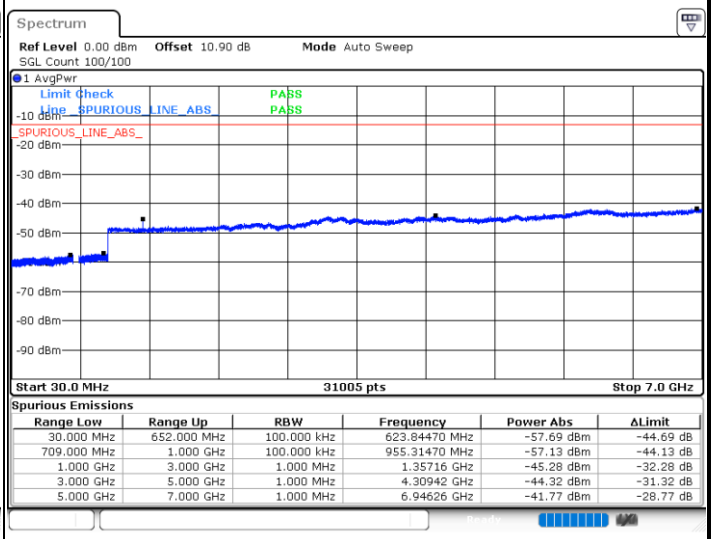


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	627.67210 MHz	-57.50 dBm	-44.50 dB
709.000 MHz	1.000 GHz	100.000 kHz	861.96776 MHz	-57.12 dBm	-44.12 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32667 GHz	-44.51 dBm	-31.51 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.45839 GHz	-44.31 dBm	-31.31 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.96776 GHz	-41.73 dBm	-28.73 dB

Date: 17.SEP.2022 13:53:37

Middle Channel / QPSK

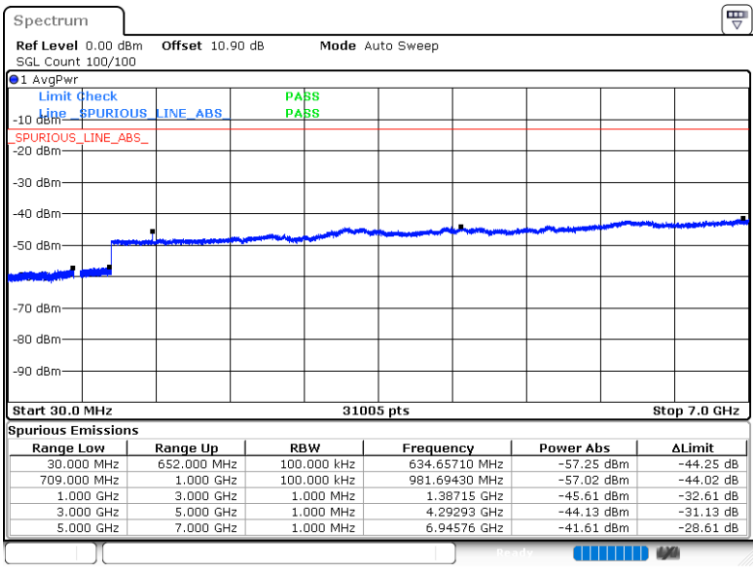


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	623.84470 MHz	-57.69 dBm	-44.69 dB
709.000 MHz	1.000 GHz	100.000 kHz	955.31470 MHz	-57.13 dBm	-44.13 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35716 GHz	-45.28 dBm	-32.28 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.30942 GHz	-44.32 dBm	-31.32 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.94626 GHz	-41.77 dBm	-28.77 dB

Date: 17.SEP.2022 13:56:41

Highest Channel / QPSK



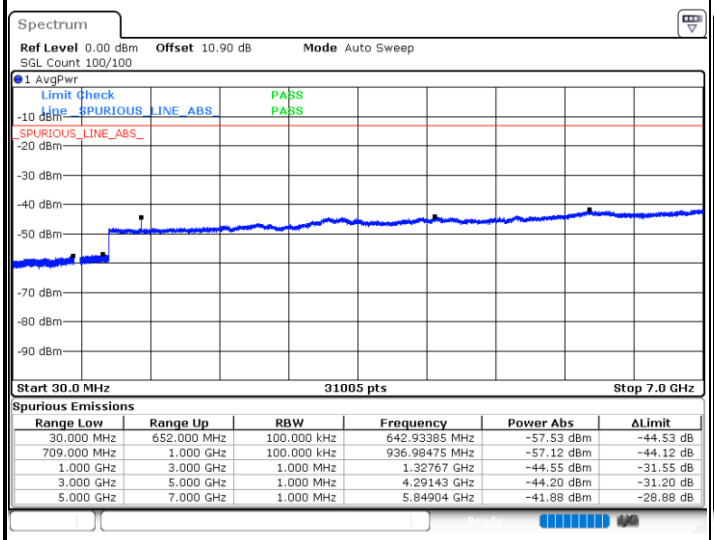
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	634.65710 MHz	-57.25 dBm	-44.25 dB
709.000 MHz	1.000 GHz	100.000 kHz	981.69430 MHz	-57.02 dBm	-44.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.38715 GHz	-45.61 dBm	-32.61 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.29293 GHz	-44.13 dBm	-31.13 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.94576 GHz	-41.61 dBm	-28.61 dB

Date: 17.SEP.2022 14:01:44

LTE Band 71 / 10MHz

Lowest Channel / QPSK

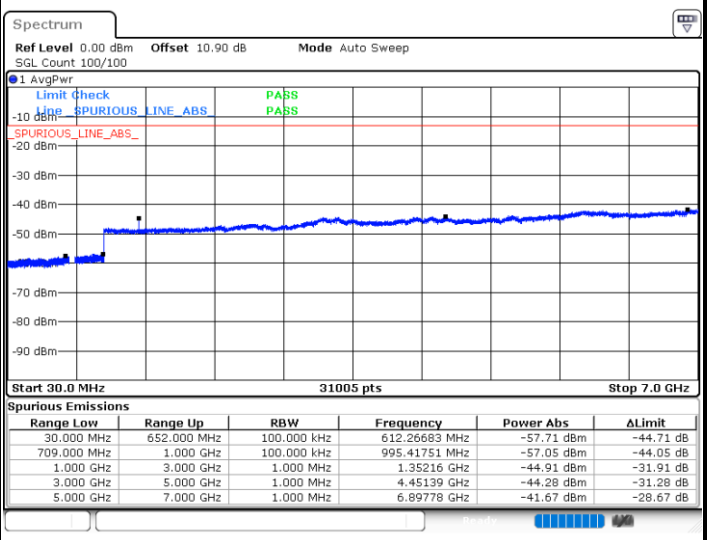


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	642.93385 MHz	-57.53 dBm	-44.53 dB
709.000 MHz	1.000 GHz	100.000 kHz	936.98475 MHz	-57.12 dBm	-44.12 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32767 GHz	-44.55 dBm	-31.55 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.29143 GHz	-44.20 dBm	-31.20 dB
5.000 GHz	7.000 GHz	1.000 MHz	5.84904 GHz	-41.88 dBm	-28.88 dB

Date: 17.SEP.2022 14:11:32

Middle Channel / QPSK

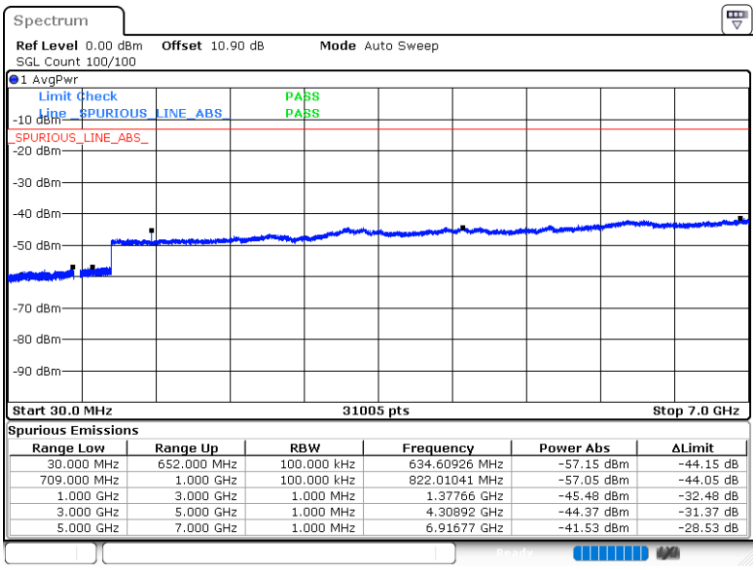


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	612.26683 MHz	-57.71 dBm	-44.71 dB
709.000 MHz	1.000 GHz	100.000 kHz	995.41751 MHz	-57.05 dBm	-44.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35216 GHz	-44.91 dBm	-31.91 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.45139 GHz	-44.28 dBm	-31.28 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.89778 GHz	-41.67 dBm	-28.67 dB

Date: 17.SEP.2022 14:14:35

Highest Channel / QPSK



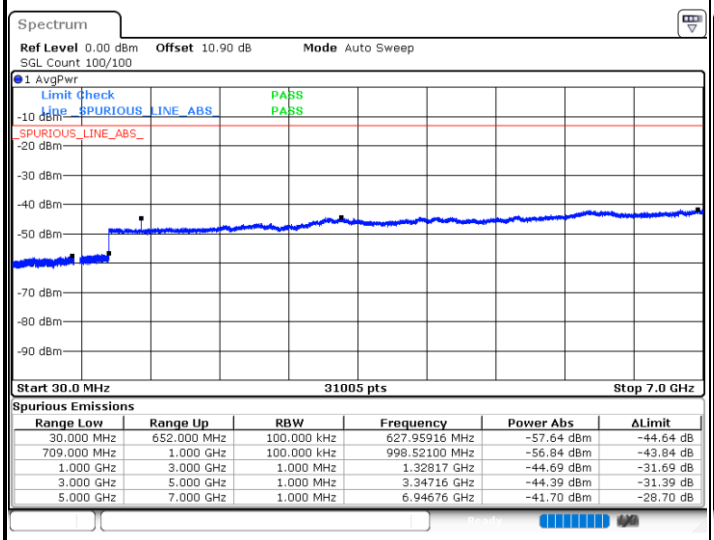
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	634.60926 MHz	-57.15 dBm	-44.15 dB
709.000 MHz	1.000 GHz	100.000 kHz	822.01041 MHz	-57.05 dBm	-44.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.37766 GHz	-45.48 dBm	-32.48 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.30892 GHz	-44.37 dBm	-31.37 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.91677 GHz	-41.53 dBm	-28.53 dB

Date: 17.SEP.2022 14:19:39

LTE Band 71 / 15MHz

Lowest Channel / QPSK

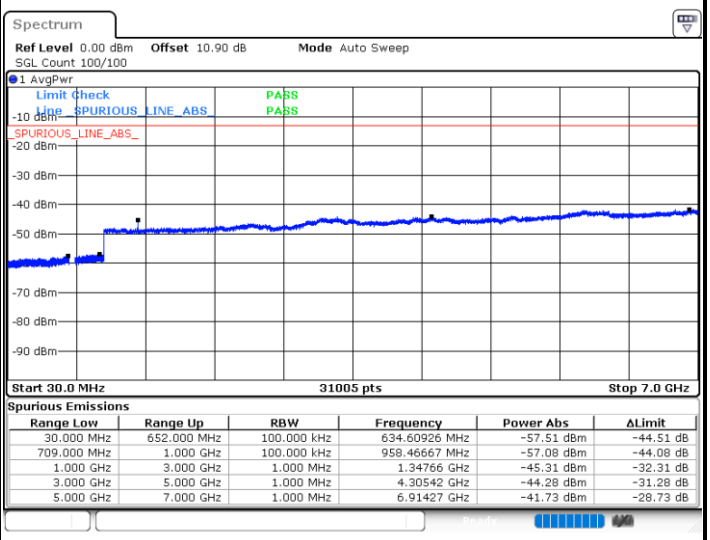


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	627.95916 MHz	-57.64 dBm	-44.64 dB
709.000 MHz	1.000 GHz	100.000 kHz	998.52100 MHz	-56.84 dBm	-43.84 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32817 GHz	-44.69 dBm	-31.69 dB
3.000 GHz	5.000 GHz	1.000 MHz	3.34716 GHz	-44.39 dBm	-31.39 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.94676 GHz	-41.70 dBm	-28.70 dB

Date: 17.SEP.2022 14:29:27

Middle Channel / QPSK

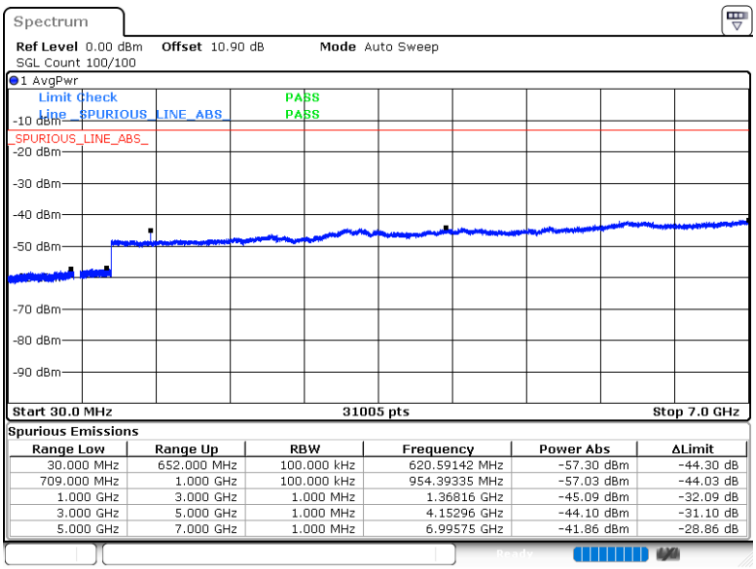


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	634.60926 MHz	-57.51 dBm	-44.51 dB
709.000 MHz	1.000 GHz	100.000 kHz	958.46667 MHz	-57.08 dBm	-44.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34766 GHz	-45.31 dBm	-32.31 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.30542 GHz	-44.28 dBm	-31.28 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.91427 GHz	-41.73 dBm	-28.73 dB

Date: 17.SEP.2022 14:32:31

Highest Channel / QPSK



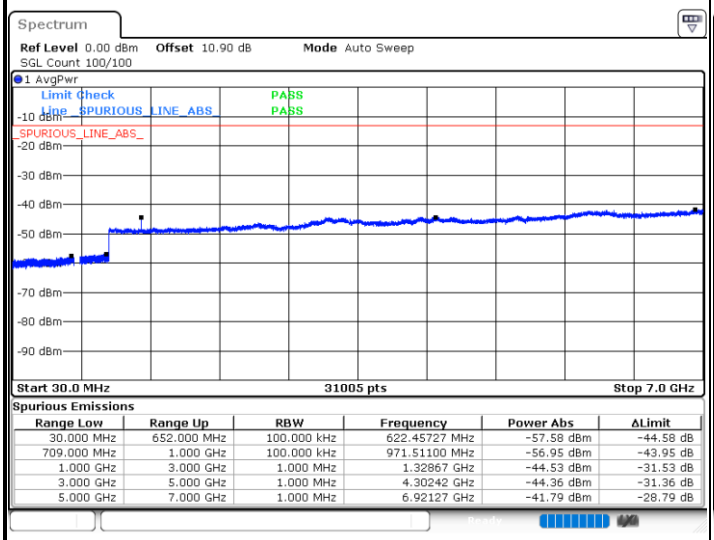
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	620.59142 MHz	-57.30 dBm	-44.30 dB
709.000 MHz	1.000 GHz	100.000 kHz	954.39335 MHz	-57.03 dBm	-44.03 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.36816 GHz	-45.09 dBm	-32.09 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.15296 GHz	-44.10 dBm	-31.10 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99575 GHz	-41.86 dBm	-28.86 dB

Date: 17.SEP.2022 14:37:35

LTE Band 71 / 20MHz

Lowest Channel / QPSK

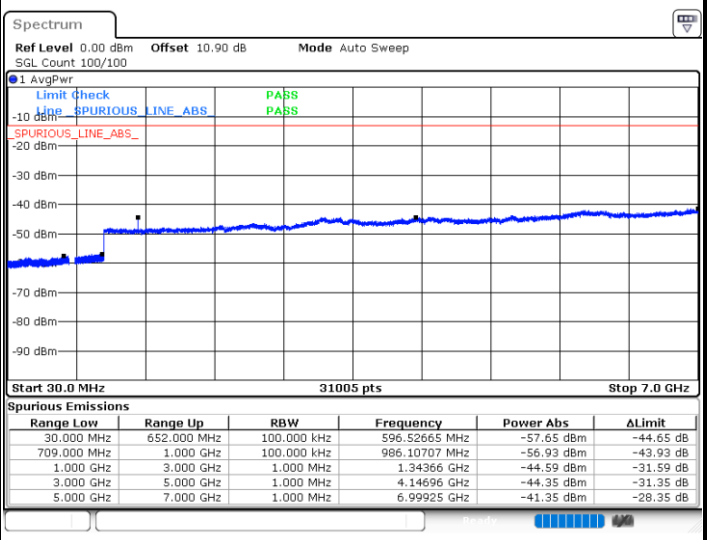


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	622.45727 MHz	-57.58 dBm	-44.58 dB
709.000 MHz	1.000 GHz	100.000 kHz	971.51100 MHz	-56.95 dBm	-43.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32867 GHz	-44.53 dBm	-31.53 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.30242 GHz	-44.36 dBm	-31.36 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.92127 GHz	-41.79 dBm	-28.79 dB

Date: 17.SEP.2022 14:47:23

Middle Channel / QPSK

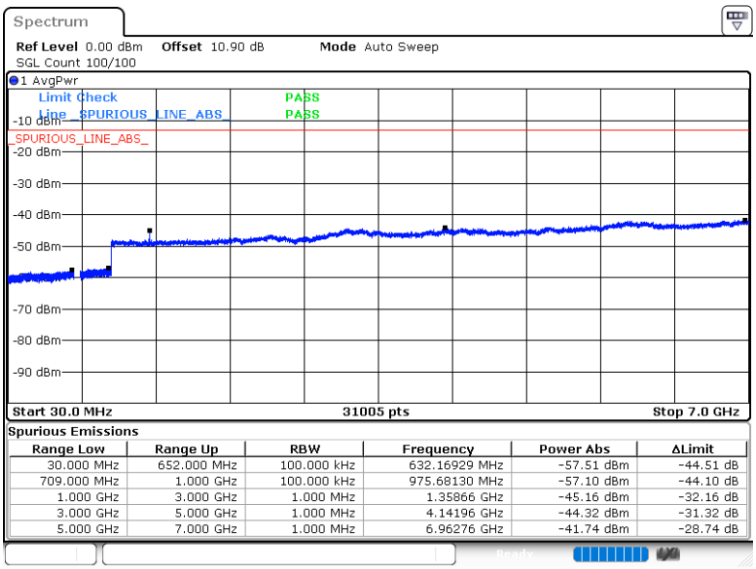


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	596.52665 MHz	-57.65 dBm	-44.65 dB
709.000 MHz	1.000 GHz	100.000 kHz	986.10707 MHz	-56.93 dBm	-43.93 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34366 GHz	-44.59 dBm	-31.59 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.14696 GHz	-44.35 dBm	-31.35 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-41.35 dBm	-28.35 dB

Date: 17.SEP.2022 14:50:26

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	632.16929 MHz	-57.51 dBm	-44.51 dB
709.000 MHz	1.000 GHz	100.000 kHz	975.68130 MHz	-57.10 dBm	-44.10 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35866 GHz	-45.16 dBm	-32.16 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.14196 GHz	-44.32 dBm	-31.32 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.96276 GHz	-41.74 dBm	-28.74 dB

Date: 17.SEP.2022 14:55:30

Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0217	
30	Normal Voltage	0.0244	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0178	
0	Normal Voltage	0.0250	
-10	Normal Voltage	0.0259	
-20	Normal Voltage	0.0085	
-30	Normal Voltage	0.0082	
20	Maximum Voltage	0.0165	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0185	

Note:

1. Normal Voltage = 4.05 V.；Battery End Point (BEP) = 3.85 V.；Maximum Voltage = 4.35 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

LTE Band 5

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1649	-59.36	-13	-46.36	-71.07	-65.77	0.81	9.37	H
	2473	-56.27	-13	-43.27	-71.01	-63.40	1.08	10.37	H
	3298	-53.71	-13	-40.71	-71.56	-62.49	1.11	12.04	H
									H
									H
									H
									H
	1649	-59.43	-13	-46.43	-71.06	-65.84	0.81	9.37	V
	2473	-56.41	-13	-43.41	-71.19	-63.54	1.08	10.37	V
	3298	-53.30	-13	-40.30	-71.45	-62.08	1.11	12.04	V
									V
									V
									V
									V
Middle	1664	-59.31	-13	-46.31	-71.04	-65.77	0.81	9.42	H
	2496	-55.94	-13	-42.94	-70.68	-63.16	1.11	10.48	H
	3328	-53.08	-13	-40.08	-70.96	-62.03	1.10	12.20	H
									H
									H
									H
									H
	1664	-59.27	-13	-46.27	-70.94	-65.73	0.81	9.42	V
	2496	-55.79	-13	-42.79	-70.58	-63.01	1.11	10.48	V
	3328	-53.17	-13	-40.17	-71.36	-62.12	1.10	12.20	V
									V
									V
									V
									V

Highest	1679	-58.99	-13	-45.99	-70.73	-65.50	0.81	9.48	H
	2518	-56.55	-13	-43.55	-71.43	-63.89	1.10	10.59	H
	3358	-53.41	-13	-40.41	-71.33	-62.53	1.10	12.37	H
									H
									H
									H
									H
	1679	-59.32	-13	-46.32	-71.03	-65.83	0.81	9.48	V
	2518	-56.46	-13	-43.46	-71.41	-63.80	1.10	10.59	V
	3358	-53.01	-13	-40.01	-71.25	-62.13	1.10	12.37	V
									V
									V
									V
									V

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

LTE Band 5B

LTE Band 5B / 10MHz+10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1664	-58.97	-13	-45.97	-70.7	-65.43	0.81	9.42	H
	2500	-55.65	-13	-42.65	-70.39	-62.89	1.11	10.50	H
	3336	-53.12	-13	-40.12	-71.01	-62.11	1.10	12.25	H
									H
									H
									H
									H
	1664	-59.02	-13	-46.02	-70.69	-65.48	0.81	9.42	V
	2500	-55.91	-13	-42.91	-70.7	-63.15	1.11	10.50	V
	3336	-52.75	-13	-39.75	-70.95	-61.74	1.10	12.25	V
									V
									V
									V
									V
Middle	1672	-58.69	-13	-45.69	-70.43	-65.18	0.81	9.45	H
	2510	-55.75	-13	-42.75	-70.52	-63.04	1.11	10.55	H
	3344	-53.15	-13	-40.15	-71.06	-62.19	1.10	12.29	H
									H
									H
									H
									H
	1672	-58.74	-13	-45.74	-70.44	-65.23	0.81	9.45	V
	2504	-55.85	-13	-42.85	-70.68	-63.11	1.11	10.52	V
	3344	-52.60	-13	-39.60	-70.82	-61.64	1.10	12.29	V
									V
									V
									V
									V

Highest	1680	-58.90	-13	-45.90	-70.64	-65.42	0.81	9.48	H
	2520	-56.17	-13	-43.17	-71.08	-63.52	1.10	10.60	H
	3352	-44.32	-13	-31.32	-62.23	-53.40	1.10	12.34	H
									H
									H
									H
									H
	1680	-58.92	-13	-45.92	-70.63	-65.44	0.81	9.48	V
	2520	-56.07	-13	-43.07	-71.04	-63.42	1.10	10.60	V
	3352	-52.95	-13	-39.95	-71.18	-62.03	1.10	12.34	V
									V
									V
									V
									V

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

LTE Band 2

LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-48.66	-13	-35.66	-68.35	-59.53	1.23	12.10	H
	5553	-46.65	-13	-33.65	-70.84	-58.23	1.58	13.15	H
	7404	-41.53	-13	-28.53	-71.81	-50.98	1.94	11.39	H
									H
									H
									H
									H
	3702	-50.09	-13	-37.09	-70.04	-60.96	1.23	12.10	V
	5553	-42.65	-13	-29.65	-69.54	-54.23	1.58	13.15	V
	7404	-41.28	-13	-28.28	-71.66	-50.73	1.94	11.39	V
									V
									V
									V
									V
Middle	3744	-49.80	-13	-36.80	-69.47	-60.76	1.18	12.14	H
	5616	-42.39	-13	-29.39	-66.54	-54.10	1.50	13.22	H
	7482	-41.65	-13	-28.65	-71.71	-50.96	1.92	11.24	H
									H
									H
									H
									H
	3744	-50.90	-13	-37.90	-70.85	-61.86	1.18	12.14	V
	5616	-39.65	-13	-26.65	-66.63	-51.36	1.50	13.22	V
	7482	-41.95	-13	-28.95	-72.13	-51.26	1.92	11.24	V
									V
									V
									V
									V

Highest	3782	-50.40	-13	-37.40	-70.03	-61.44	1.14	12.18	H
	5673	-47.29	-13	-34.29	-71.5	-59.12	1.44	13.27	H
	7564	-41.49	-13	-28.49	-71.47	-51.05	1.90	11.46	H
									H
									H
									H
									H
	3782	-50.78	-13	-37.78	-70.72	-61.82	1.14	12.18	V
	5673	-44.59	-13	-31.59	-71.43	-56.42	1.44	13.27	V
	7564	-41.45	-13	-28.45	-71.58	-51.01	1.90	11.46	V
									V
									V
									V
									V

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

LTE Band 66

LTE Band 66 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3422	-51.08	-13	-38.08	-70.12	-62.50	1.14	12.56	H
	5133	-48.70	-13	-35.70	-71.58	-60.06	1.30	12.67	H
	6844	-44.18	-13	-31.18	-72.5	-54.76	1.85	12.42	H
									H
									H
									H
									H
	3420	-51.03	-13	-38.03	-70.22	-62.46	1.13	12.56	V
	5135	-45.09	-13	-32.09	-68.79	-56.45	1.30	12.67	V
	6844	-43.30	-13	-30.30	-72.37	-53.88	1.85	12.42	V
									V
									V
									V
									V
Middle	3472	-50.39	-13	-37.39	-70.18	-61.62	1.22	12.46	H
	5208	-42.02	-13	-29.02	-65.1	-53.45	1.30	12.72	H
	6944	-43.21	-13	-30.21	-71.69	-53.39	1.84	12.02	H
									H
									H
									H
									H
	3472	-49.80	-13	-36.80	-69.33	-61.03	1.22	12.46	V
	5208	-47.35	-13	-34.35	-71.45	-58.78	1.30	12.72	V
	6944	-42.56	-13	-29.56	-71.36	-52.74	1.84	12.02	V
									V
									V
									V
									V

Highest	3522	-49.27	-13	-36.27	-69.38	-60.30	1.29	12.31	H
	5283	-42.95	-13	-29.95	-66.62	-54.45	1.45	12.95	H
	7044	-43.14	-13	-30.14	-71.91	-52.99	1.84	11.69	H
									H
									H
									H
									H
	3522	-48.60	-13	-35.60	-68.36	-59.63	1.29	12.31	V
	5283	-41.79	-13	-28.79	-66.74	-53.29	1.45	12.95	V
	7044	-43.09	-13	-30.09	-72.01	-52.94	1.84	11.69	V
									V
									V
									V
									V

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

LTE Band 7

LTE Band 7 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5002	-48.89	-25	-23.89	-71.48	-60.14	1.35	12.60	H
	7503	-42.26	-25	-17.26	-72.27	-51.55	1.92	11.21	H
	10004	-36.43	-25	-11.43	-71.47	-45.24	2.29	11.10	H
									H
									H
									H
									H
	5002	-48.35	-25	-23.35	-71.42	-59.60	1.35	12.60	V
	7503	-41.91	-25	-16.91	-72.05	-51.20	1.92	11.21	V
	10004	-37.93	-25	-12.93	-71.61	-46.74	2.29	11.10	V
									V
									V
									V
									V
Middle	5052	-48.49	-25	-23.49	-71.19	-59.78	1.33	12.63	H
	7578	-41.76	-25	-16.76	-71.73	-51.38	1.90	11.51	H
	10104	-36.26	-25	-11.26	-71.42	-45.02	2.28	11.04	H
									H
									H
									H
									H
	5052	-47.50	-25	-22.50	-70.81	-58.79	1.33	12.63	V
	7578	-41.12	-25	-16.12	-71.25	-50.74	1.90	11.51	V
	10104	-37.38	-25	-12.38	-71.34	-46.14	2.28	11.04	V
									V
									V
									V
									V

Highest	5102	-48.27	-25	-23.27	-71.08	-59.61	1.31	12.65	H
	7653	-41.93	-25	-16.93	-71.96	-51.67	1.89	11.63	H
	10204	-36.58	-25	-11.58	-71.87	-45.28	2.27	10.98	H
									H
									H
									H
									H
	5102	-47.47	-25	-22.47	-71.02	-58.81	1.31	12.65	V
	7653	-41.71	-25	-16.71	-71.95	-51.45	1.89	11.63	V
	10204	-37.40	-25	-12.40	-71.65	-46.10	2.27	10.98	V
									V
									V
									V
									V

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

LTE Band 7C

LTE Band 7 / 20MHz+20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5037	-48.51	-25	-23.51	-71.19	-59.79	1.34	12.62	H
	7556	-41.82	-25	-16.82	-71.79	-51.34	1.90	11.42	H
	10075	-36.51	-25	-11.51	-71.64	-45.28	2.28	11.06	H
									H
									H
									H
									H
	5037	-47.70	-25	-22.70	-70.94	-58.98	1.34	12.62	V
	7556	-41.94	-25	-16.94	-72.07	-51.46	1.90	11.42	V
	10075	-37.49	-25	-12.49	-71.36	-46.26	2.28	11.06	V
									V
									V
									V
									V
Middle	5068	-48.77	-25	-23.77	-71.51	-60.08	1.33	12.63	H
	7602	-42.10	-25	-17.10	-72.06	-51.81	1.89	11.60	H
	10136	-35.95	-25	-10.95	-71.16	-44.69	2.28	11.02	H
									H
									H
									H
									H
	5068	-47.95	-25	-22.95	-71.33	-59.26	1.33	12.63	V
	7602	-41.68	-25	-16.68	-71.81	-51.39	1.89	11.60	V
	10136	-37.58	-25	-12.58	-71.64	-46.32	2.28	11.02	V
									V
									V
									V
									V

Highest	5098	-47.89	-25	-22.89	-70.7	-59.22	1.32	12.65	H
	7647	-41.89	-25	-16.89	-71.9	-51.63	1.89	11.62	H
	10196	-36.16	-25	-11.16	-71.45	-44.87	2.27	10.98	H
									H
									H
									H
									H
	5098	-47.00	-25	-22.00	-70.53	-58.33	1.32	12.65	V
	7647	-41.85	-25	-16.85	-72.06	-51.59	1.89	11.62	V
	10196	-37.16	-25	-12.16	-71.4	-45.87	2.27	10.98	V
									V
									V
									V
									V

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

LTE Band 41

LTE Band 41 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4994	-49.08	-25	-24.08	-71.68	-60.33	1.35	12.60	H
	7491	-40.21	-25	-15.21	-70.24	-49.51	1.92	11.22	H
	9988	-36.77	-25	-11.77	-71.79	-45.57	2.29	11.09	H
									H
									H
									H
									H
	4994	-48.36	-25	-23.36	-71.41	-59.61	1.35	12.60	V
	7491	-38.25	-25	-13.25	-68.4	-47.55	1.92	11.22	V
	9988	-37.98	-25	-12.98	-71.66	-46.78	2.29	11.09	V
									V
									V
									V
									V
Middle	5168	-49.25	-25	-24.25	-72.19	-60.64	1.29	12.68	H
	7752	-40.28	-25	-15.28	-70.46	-50.07	1.88	11.68	H
	10336	-36.84	-25	-11.84	-72.28	-45.48	2.26	10.90	H
									H
									H
									H
									H
	5168	-47.60	-25	-22.60	-71.45	-58.99	1.29	12.68	V
	7752	-40.76	-25	-15.76	-71.2	-50.55	1.88	11.68	V
	10336	-37.69	-25	-12.69	-72.31	-46.33	2.26	10.90	V
									V
									V
									V
									V

Highest	5342	-48.05	-25	-23.05	-72.17	-59.60	1.57	13.13	H
	8013	-40.81	-25	-15.81	-72.13	-50.06	2.00	11.25	H
	10684	-36.56	-25	-11.56	-72.6	-45.02	2.23	10.69	H
									H
									H
									H
									H
	5342	-46.36	-25	-21.36	-71.95	-57.91	1.57	13.13	V
	8013	-39.98	-25	-14.98	-71.67	-49.23	2.00	11.25	V
	10684	-37.31	-25	-12.31	-72.97	-45.77	2.23	10.69	V
									V
									V
									V
									V

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

LTE Band 41 (HPUE)

LTE Band 41 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4994	-48.98	-25	-23.98	-71.58	-60.23	1.35	12.60	H
	7491	-42.09	-25	-17.09	-72.12	-51.39	1.92	11.22	H
	9988	-36.91	-25	-11.91	-71.93	-45.71	2.29	11.09	H
									H
									H
									H
									H
	4994	-48.33	-25	-23.33	-71.38	-59.58	1.35	12.60	V
	7491	-41.93	-25	-16.93	-72.08	-51.23	1.92	11.22	V
	9988	-37.91	-25	-12.91	-71.59	-46.71	2.29	11.09	V
									V
									V
									V
									V
Middle	5168	-48.34	-25	-23.34	-71.29	-59.73	1.29	12.68	H
	7752	-41.94	-25	-16.94	-72.12	-51.73	1.88	11.68	H
	10336	-36.28	-25	-11.28	-71.75	-44.92	2.26	10.90	H
									H
									H
									H
									H
	5168	-48.46	-25	-23.46	-72.32	-59.85	1.29	12.68	V
	7752	-41.65	-25	-16.65	-72.09	-51.44	1.88	11.68	V
	10336	-37.56	-25	-12.56	-72.2	-46.20	2.26	10.90	V
									V
									V
									V
									V

Highest	5342	-47.49	-25	-22.49	-71.63	-59.04	1.57	13.13	H
	8013	-40.81	-25	-15.81	-72.13	-50.06	2.00	11.25	H
	10684	-36.56	-25	-11.56	-72.61	-45.02	2.23	10.69	H
									H
									H
									H
									H
	5342	-45.63	-25	-20.63	-71.24	-57.18	1.57	13.13	V
	8013	-40.39	-25	-15.39	-72.08	-49.64	2.00	11.25	V
	10684	-36.50	-25	-11.50	-72.17	-44.96	2.23	10.69	V
									V
									V
									V
									V

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

LTE Band 38C

LTE Band 38C / 20+20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5177	-49.11	-25	-24.11	-72.08	-60.30	1.66	12.85	H
	7766	-41.62	-25	-16.62	-71.81	-50.75	2.03	11.15	H
	10359	-36.46	-25	-11.46	-71.95	-45.08	2.39	11.01	H
									H
									H
									H
									H
	5177	-48.06	-25	-23.06	-71.97	-59.25	1.66	12.85	V
	7766	-41.52	-25	-16.52	-71.99	-50.65	2.03	11.15	V
	10359	-37.39	-25	-12.39	-72.1	-46.01	2.39	11.01	V
									V
									V
									V
									V
Middle	5188	-48.81	-25	-23.81	-71.81	-60.22	1.28	12.69	H
	7782	-41.43	-25	-16.43	-71.64	-51.24	1.88	11.69	H
	10377	-36.50	-25	-11.50	-72.01	-45.11	2.26	10.87	H
									H
									H
									H
									H
	5188	-48.36	-25	-23.36	-72.32	-59.77	1.28	12.69	V
	7782	-41.26	-25	-16.26	-71.76	-51.07	1.88	11.69	V
	10377	-37.19	-25	-12.19	-71.94	-45.80	2.26	10.87	V
									V
									V
									V
									V

Highest	5198	-49.25	-25	-24.25	-72.27	-60.67	1.28	12.70	H
	7797	-41.74	-25	-16.74	-71.97	-51.56	1.88	11.70	H
	10395	-36.27	-25	-11.27	-71.8	-44.87	2.26	10.86	H
									H
									H
									H
									H
	5198	-48.21	-25	-23.21	-72.22	-59.63	1.28	12.70	V
	7797	-41.83	-25	-16.83	-72.35	-51.65	1.88	11.70	V
	10395	-37.07	-25	-12.07	-71.88	-45.67	2.26	10.86	V
									V
									V
									V
									V

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

LTE Band 71

LTE Band 71 / 20MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-46.77	-13	-33.77	-68.37	-52.96	0.76	6.95	H
	1992	-46.34	-13	-33.34	-69.39	-55.45	0.89	10.00	H
	2656	-44.39	-13	-31.39	-70.1	-54.29	1.08	10.97	H
									H
									H
									H
									H
	1328	-46.71	-13	-33.71	-68.12	-52.90	0.76	6.95	V
	1992	-46.21	-13	-33.21	-69.28	-55.32	0.89	10.00	V
	2656	-44.03	-13	-31.03	-69.96	-53.93	1.08	10.97	V
									V
									V
									V
									V
Middle	1352	-47.57	-13	-34.57	-69.11	-53.84	0.77	7.03	H
	2022	-46.70	-13	-33.70	-70.01	-55.69	0.90	9.89	H
	2696	-44.96	-13	-31.96	70.78	-54.82	1.09	10.95	H
									H
									H
									H
									H
	1352	-47.70	-13	-34.70	-69.14	-53.97	0.77	7.03	V
	2022	-46.34	-13	-33.34	-69.75	-55.33	0.90	9.89	V
	2696	-44.47	-13	-31.47	-70.59	-54.33	1.09	10.95	V
									V
									V
									V
									V

Highest	1360	-47.14	-13	-34.14	-68.66	-53.43	0.77	7.06	H
	2037	-46.95	-13	-33.95	-70.4	-55.86	0.90	9.82	H
	2712	-45.34	-13	-32.34	-71.2	-55.19	1.09	10.94	H
									H
									H
									H
									H
	1360	-47.49	-13	-34.49	-68.94	-53.78	0.77	7.06	V
	2037	-45.95	-13	-32.95	-69.56	-54.86	0.90	9.82	V
	2712	-44.91	-13	-31.91	-71.1	-54.76	1.09	10.94	V
									V
									V
									V
									V

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

LTE Band 17

LTE Band 17 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1411	-52.71	-13	-39.71	-64.12	-57.40	0.85	7.69	H
	2117	-43.59	-13	-30.59	-57.72	-50.54	1.07	10.16	H
	2822	-54.50	-13	-41.50	-70.65	-62.21	1.23	11.09	H
									H
									H
									H
									H
	1411	-54.15	-13	-41.15	-65.66	-58.84	0.85	7.69	V
	2117	-51.11	-13	-38.11	-65.70	-58.06	1.07	10.16	V
	2822	-53.69	-13	-40.69	-70.30	-61.40	1.23	11.09	V
									V
									V
									V
									V
Middle	1411	-54.48	-13	-41.48	-65.89	-59.17	0.85	7.69	H
	2117	-55.19	-13	-42.19	-69.37	-62.14	1.07	10.16	H
	2822	-54.62	-13	-41.62	-70.77	-62.33	1.23	11.09	H
									H
									H
									H
									H
	1411	-54.34	-13	-41.34	-65.85	-59.03	0.85	7.69	V
	2117	-55.50	-13	-42.50	-70.20	-62.45	1.07	10.16	V
	2822	-53.81	-13	-40.81	-70.42	-61.52	1.23	11.09	V
									V
									V
									V
									V

Highest	1413	-53.75	-13	-40.75	-65.16	-58.45	0.85	7.70	H
	2120	-55.90	-13	-42.90	-70.11	-62.85	1.07	10.17	H
	2826	-54.53	-13	-41.53	-70.68	-62.24	1.23	11.09	H
									H
									H
									H
									H
	1413	-55.68	-13	-42.68	-67.18	-60.38	0.85	7.70	V
	2120	-55.85	-13	-42.85	-70.54	-62.80	1.07	10.17	V
	2826	-53.95	-13	-40.95	-70.56	-61.66	1.23	11.09	V
									V
									V
									V
									V

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