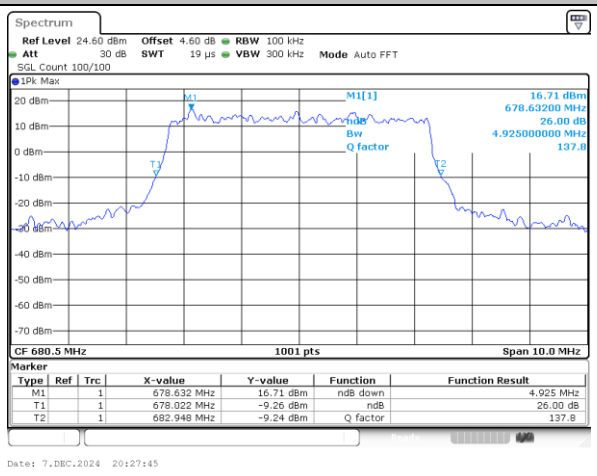
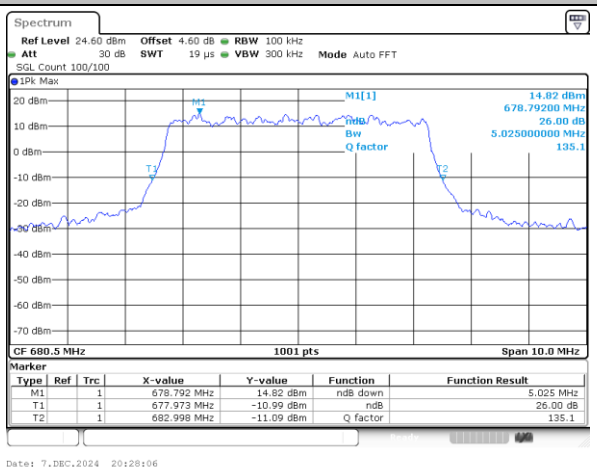
26dB Bandwidth

Mode	LTE Band 71 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.93	5.03
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	10.03	10.09
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.45	14.27
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.66	18.98

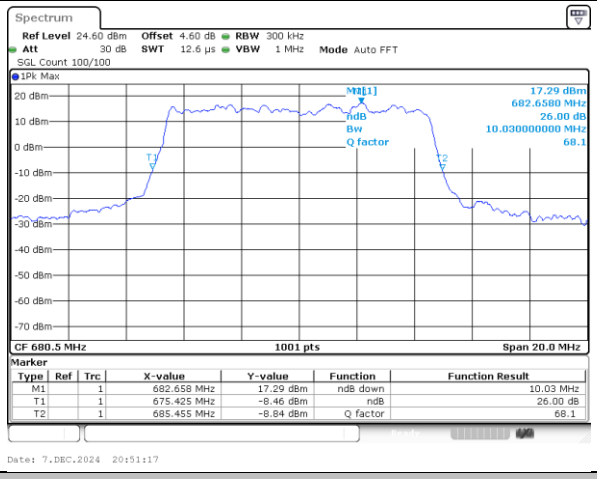
LTE Band 71	
Middle Channel / 5MHz / QPSK	Middle Channel / 5MHz / 16QAM



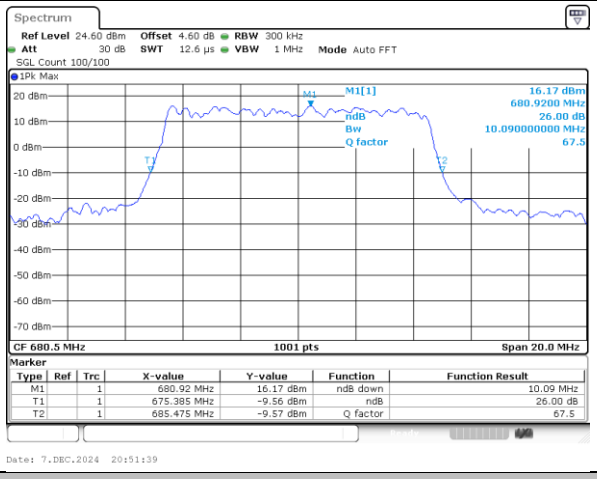


LTE Band 71

Middle Channel / 10MHz / QPSK

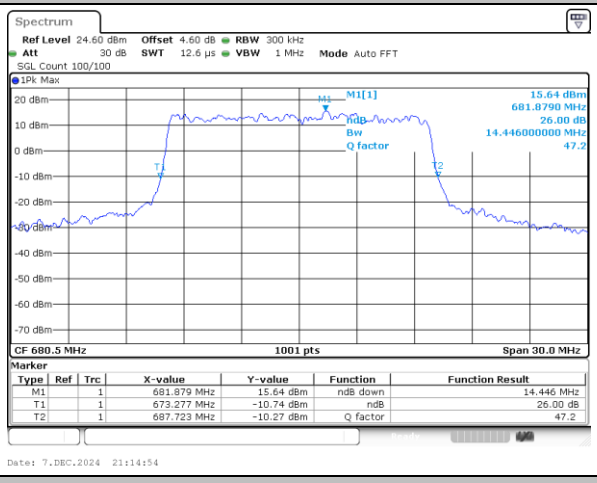


Middle Channel / 10MHz / 16QAM

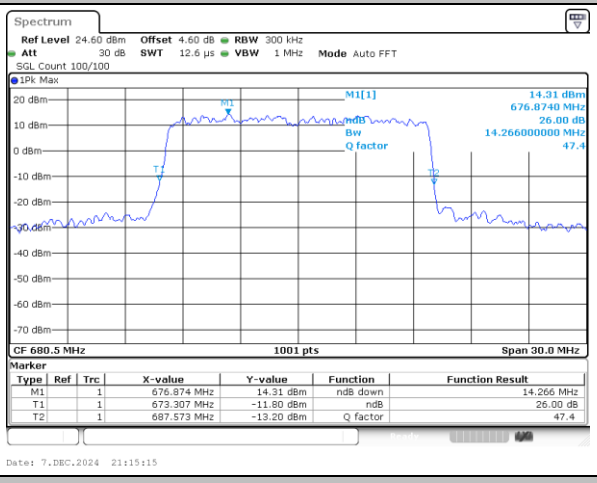


LTE Band 71

Middle Channel / 15MHz / QPSK

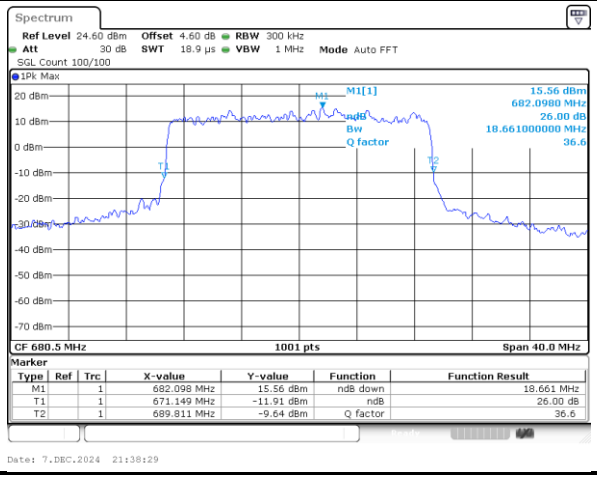


Middle Channel / 15MHz / 16QAM

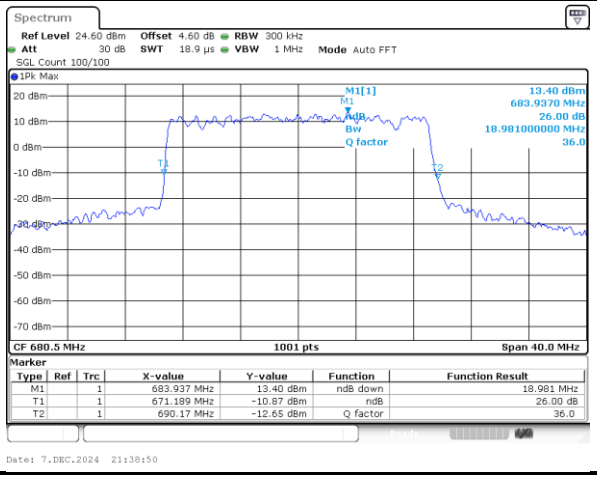


LTE Band 71

Middle Channel / 20MHz / QPSK



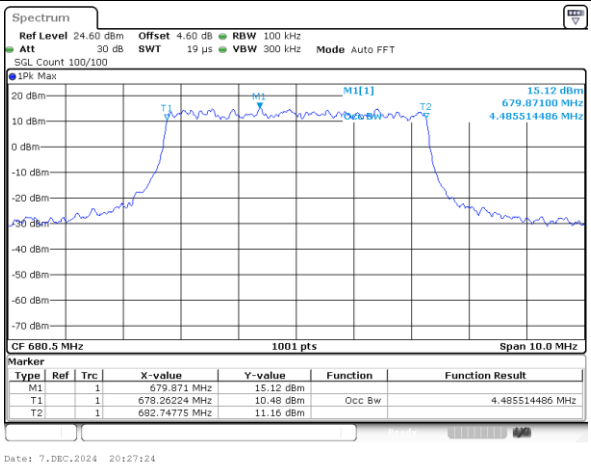
Middle Channel / 20MHz / 16QAM

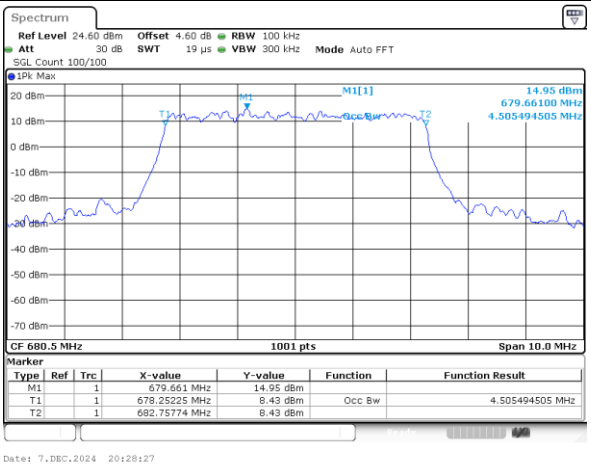


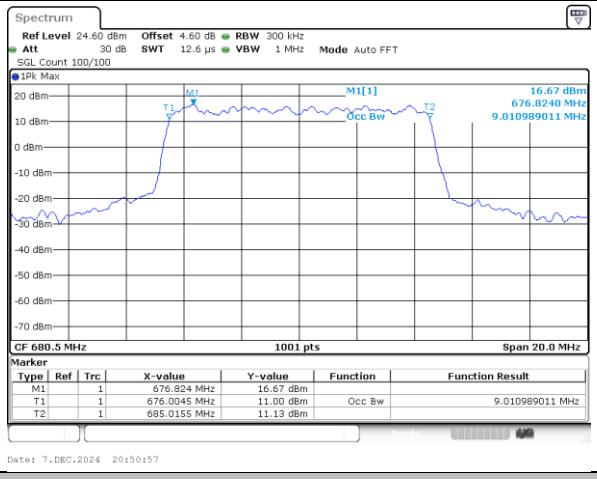
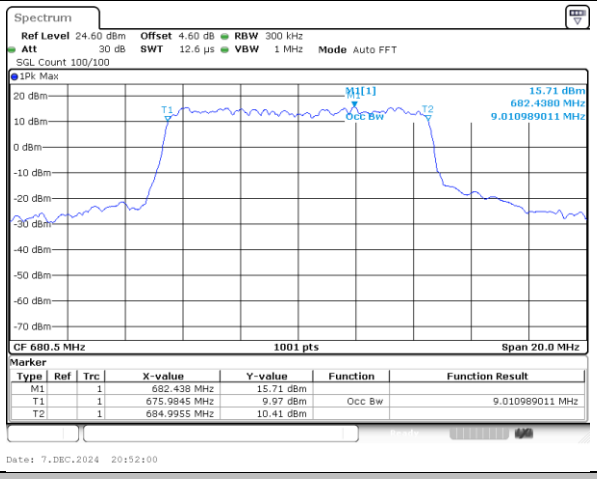
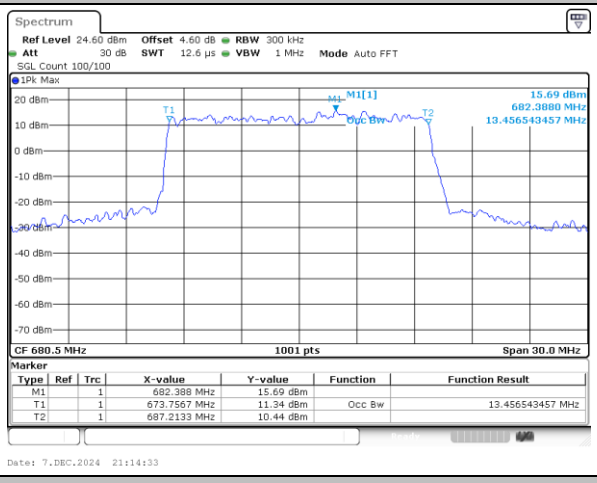
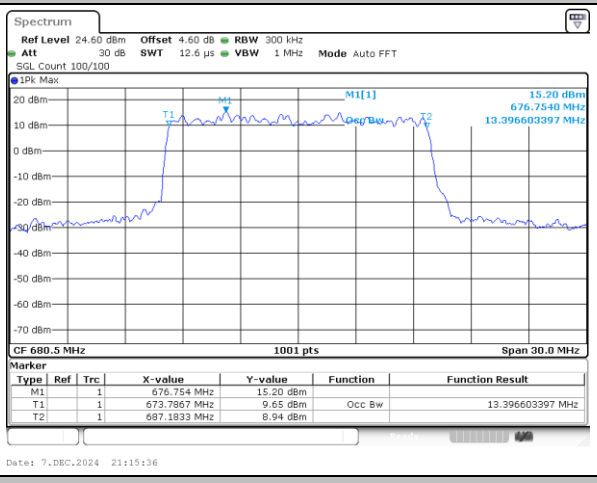
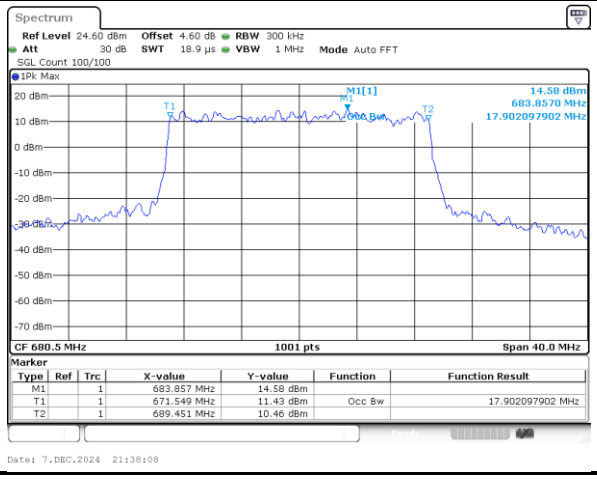
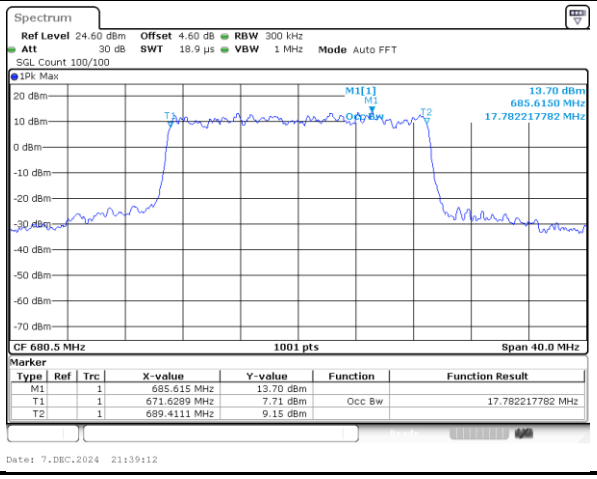
Occupied Bandwidth

Mode	LTE Band 71 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.49	4.51
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.01	9.01
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.46	13.40
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.78

LTE Band 71	
Middle Channel / 5MHz / QPSK	Middle Channel / 5MHz / 16QAM



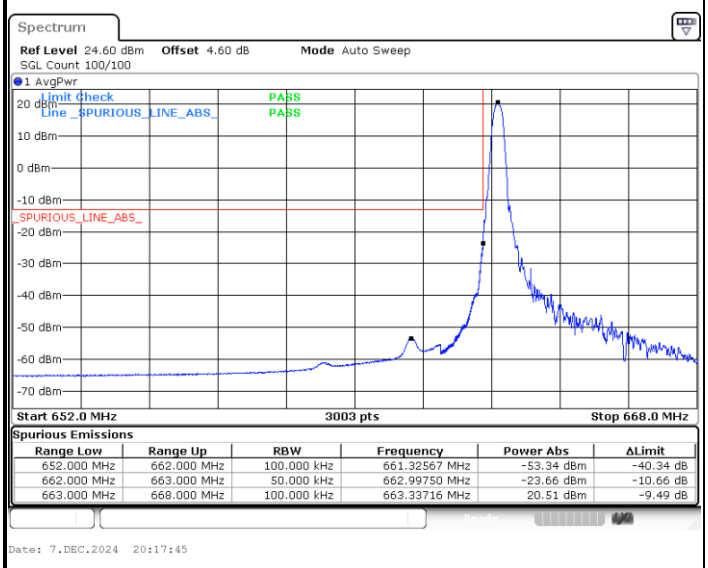


LTE Band 71	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
	
LTE Band 71	
Middle Channel / 15MHz / QPSK	**Middle Channel / 15MHz / 16QAM**
	
LTE Band 71	
Middle Channel / 20MHz / QPSK	**Middle Channel / 20MHz / 16QAM**
	

Conducted Band Edge

LTE Band 71 / 5MHz / QPSK

Lowest Band Edge / 1 RB

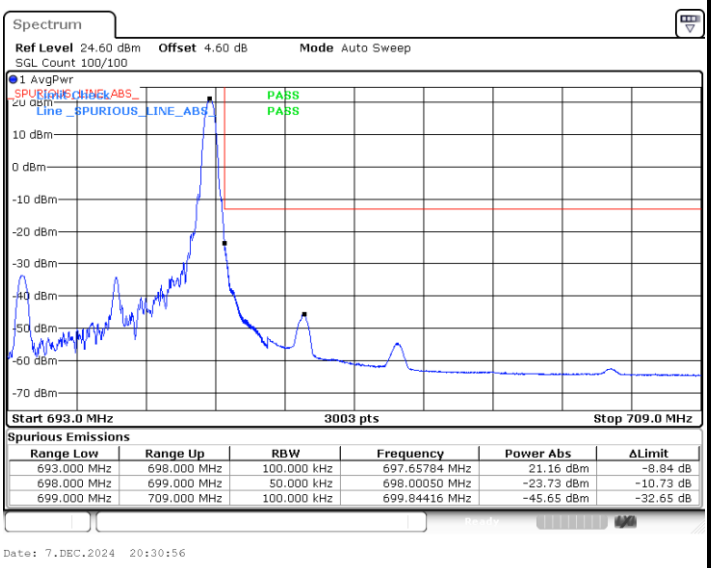


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.32567 MHz	-53.34 dBm	-40.34 dB
662.000 MHz	663.000 MHz	50.000 kHz	662.99750 MHz	-23.66 dBm	-10.66 dB
663.000 MHz	668.000 MHz	100.000 kHz	663.33716 MHz	20.51 dBm	-9.49 dB

Date: 7.DEC.2024 20:17:45

Highest Band Edge / 1 RB

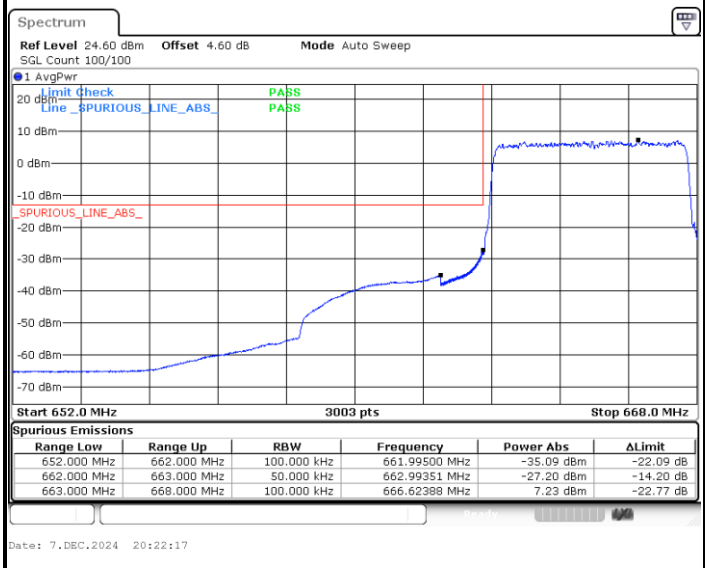


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	697.65784 MHz	21.16 dBm	-8.84 dB
698.000 MHz	699.000 MHz	50.000 kHz	698.00050 MHz	-23.73 dBm	-10.73 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.84416 MHz	-45.65 dBm	-32.65 dB

Date: 7.DEC.2024 20:30:56

Lowest Band Edge / Full RB

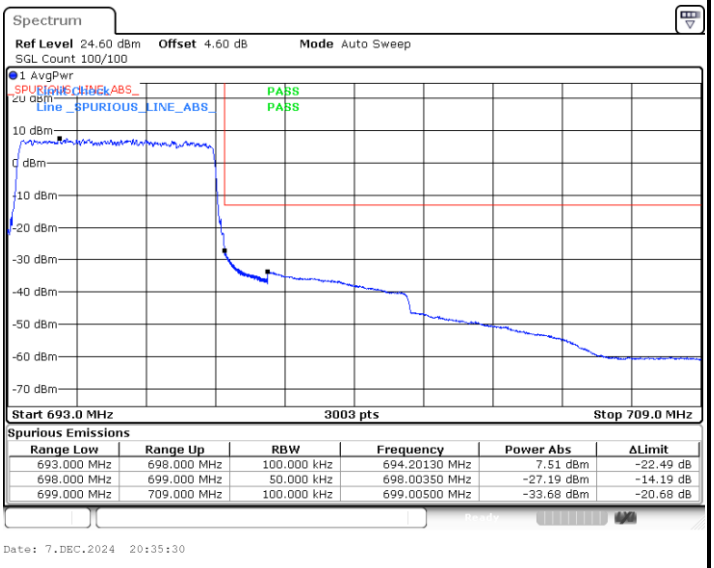


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-35.09 dBm	-22.09 dB
662.000 MHz	663.000 MHz	50.000 kHz	662.99351 MHz	-27.20 dBm	-14.20 dB
663.000 MHz	668.000 MHz	100.000 kHz	666.62388 MHz	7.23 dBm	-22.77 dB

Date: 7.DEC.2024 20:22:17

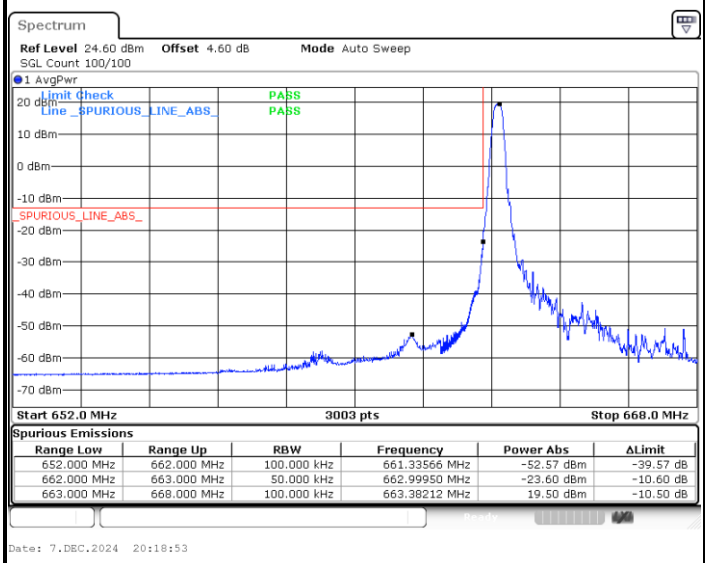
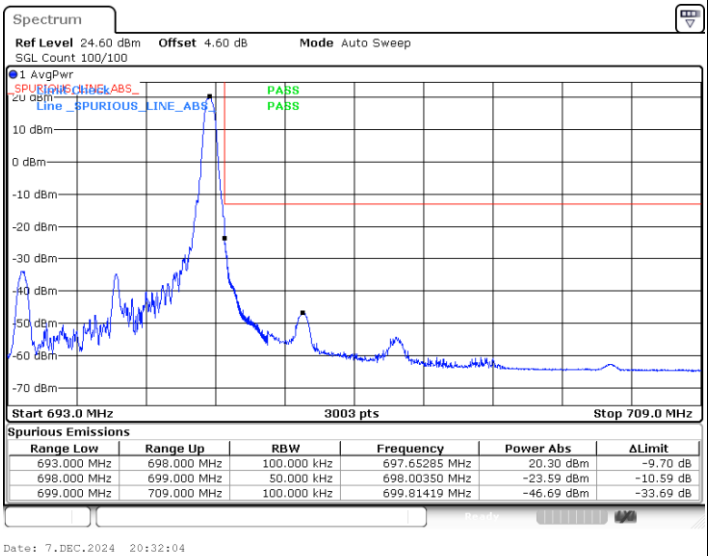
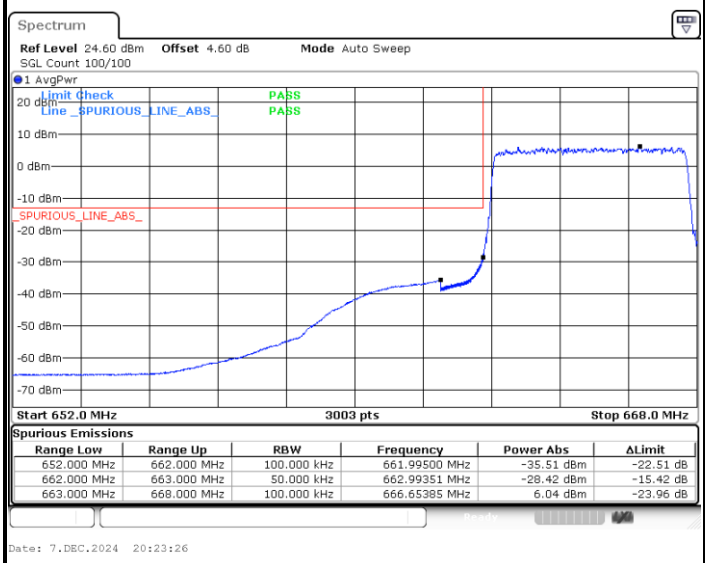
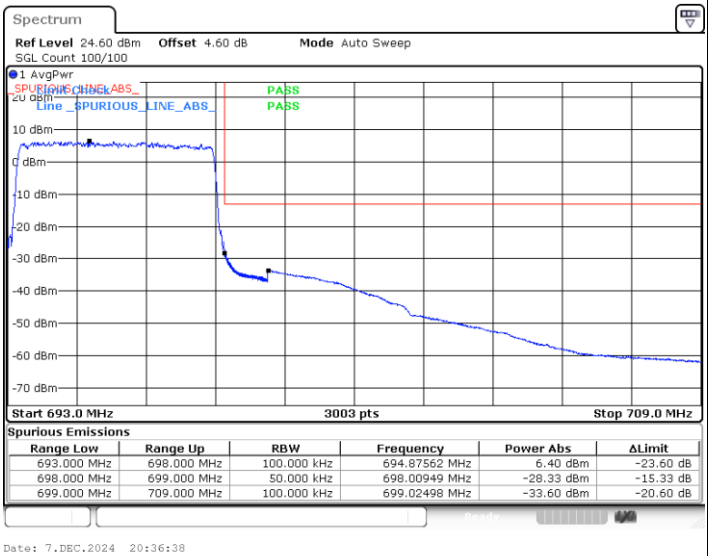
Highest Band Edge / Full RB



Spurious Emissions

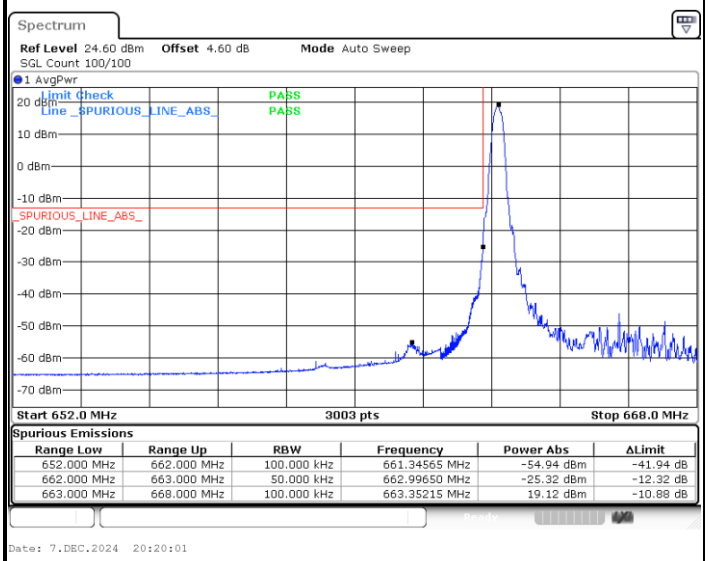
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	694.20130 MHz	7.51 dBm	-22.49 dB
698.000 MHz	699.000 MHz	50.000 kHz	698.00350 MHz	-27.19 dBm	-14.19 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-33.68 dBm	-20.68 dB

Date: 7.DEC.2024 20:35:30

LTE Band 71 / 5MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB

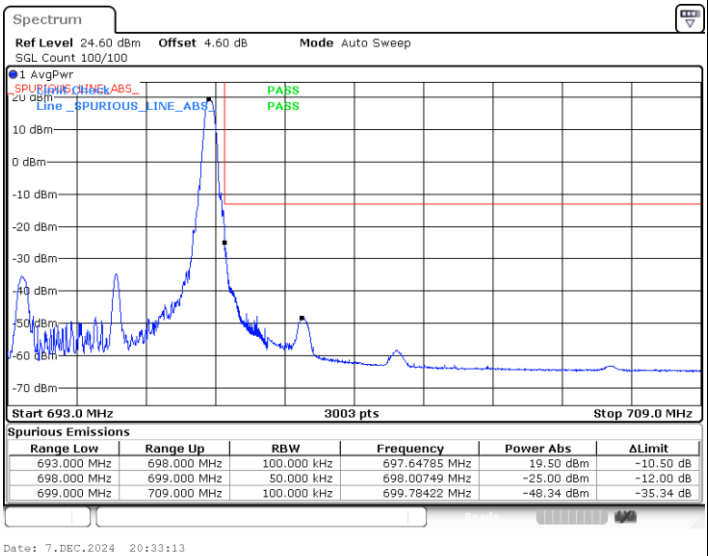


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.34565 MHz	-54.94 dBm	-41.94 dB
662.000 MHz	663.000 MHz	50.000 kHz	662.99650 MHz	-25.32 dBm	-12.32 dB
663.000 MHz	668.000 MHz	100.000 kHz	663.35215 MHz	19.12 dBm	-10.88 dB

Date: 7.DEC.2024 20:20:01

Highest Band Edge / 1 RB

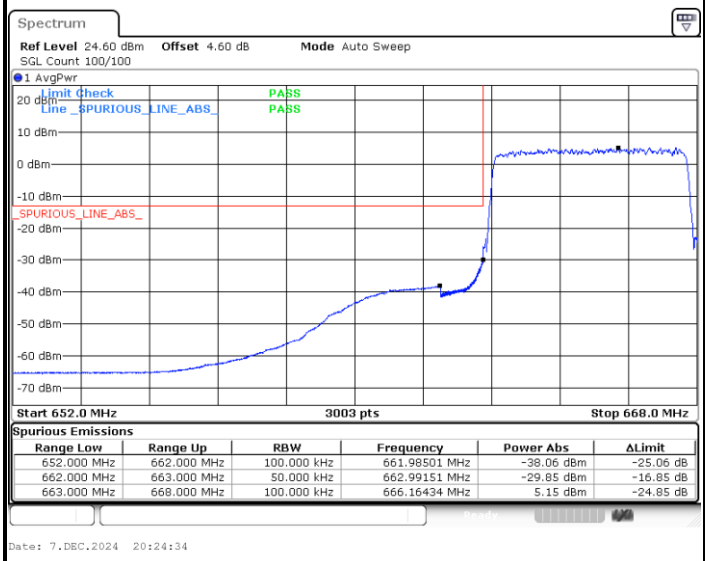


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	697.64785 MHz	19.50 dBm	-10.50 dB
698.000 MHz	699.000 MHz	50.000 kHz	698.00749 MHz	-25.00 dBm	-12.00 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.78422 MHz	-48.34 dBm	-35.34 dB

Date: 7.DEC.2024 20:33:13

Lowest Band Edge / Full RB

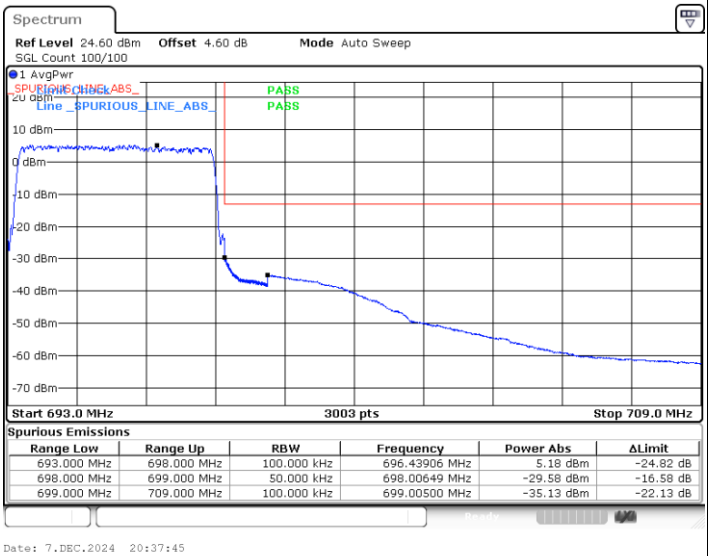


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.98501 MHz	-38.06 dBm	-25.06 dB
662.000 MHz	663.000 MHz	50.000 kHz	662.99151 MHz	-29.85 dBm	-16.85 dB
663.000 MHz	668.000 MHz	100.000 kHz	666.16434 MHz	5.15 dBm	-24.85 dB

Date: 7.DEC.2024 20:24:34

Highest Band Edge / Full RB



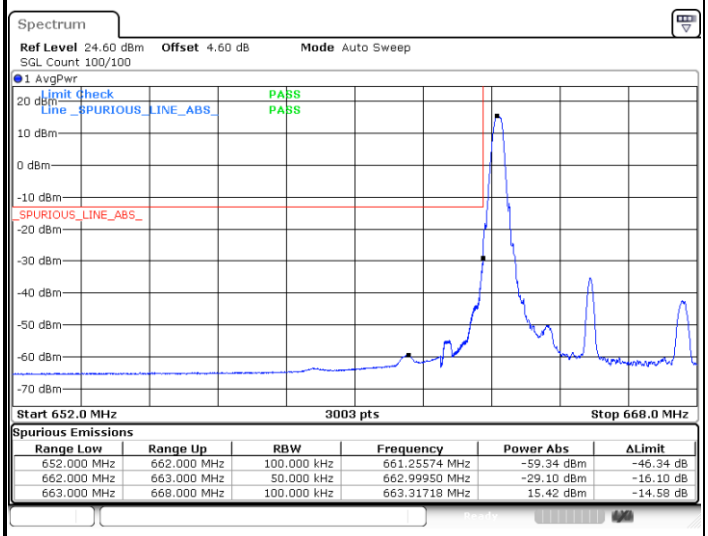
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	696.43906 MHz	5.18 dBm	-24.82 dB
698.000 MHz	699.000 MHz	50.000 kHz	698.00649 MHz	-29.58 dBm	-16.58 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-35.13 dBm	-22.13 dB

Date: 7.DEC.2024 20:37:45

LTE Band 71 / 5MHz / 256QAM

Lowest Band Edge / 1RB

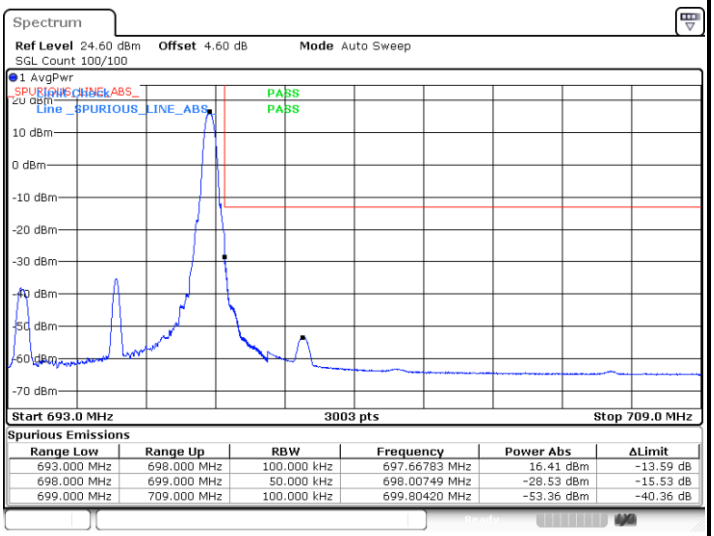


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.25574 MHz	-59.34 dBm	-46.34 dB
662.000 MHz	663.000 MHz	50.000 kHz	662.99950 MHz	-29.10 dBm	-16.10 dB
663.000 MHz	668.000 MHz	100.000 kHz	663.31718 MHz	15.42 dBm	-14.58 dB

Date: 7.DEC.2024 20:21:09

Highest Band Edge / 1 RB

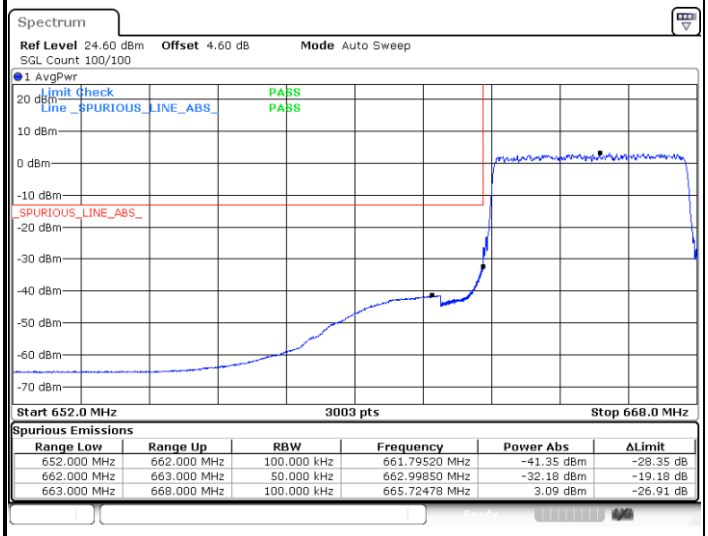


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	697.66783 MHz	16.41 dBm	-13.59 dB
698.000 MHz	699.000 MHz	50.000 kHz	698.00749 MHz	-28.53 dBm	-15.53 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.80420 MHz	-53.36 dBm	-40.36 dB

Date: 7.DEC.2024 20:34:21

Lowest Band Edge / Full RB

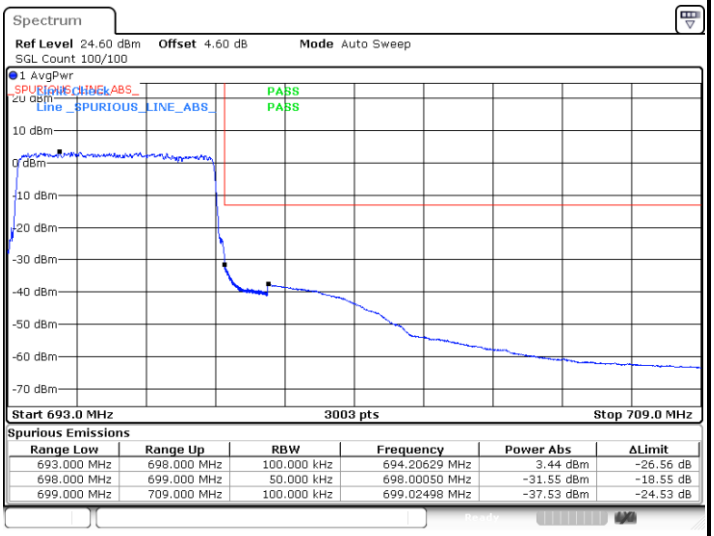


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.79520 MHz	-41.35 dBm	-28.35 dB
662.000 MHz	663.000 MHz	50.000 kHz	662.99850 MHz	-32.18 dBm	-19.18 dB
663.000 MHz	668.000 MHz	100.000 kHz	665.72478 MHz	3.09 dBm	-26.91 dB

Date: 7.DEC.2024 20:25:42

Highest Band Edge / Full RB



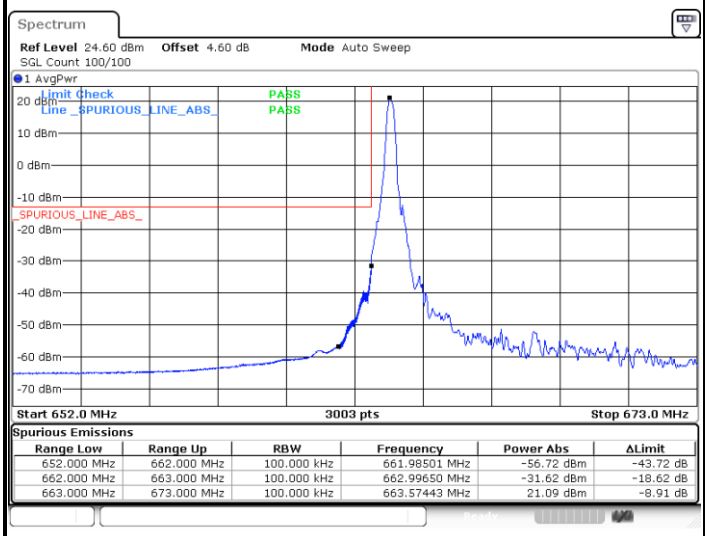
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	694.20629 MHz	3.44 dBm	-26.56 dB
698.000 MHz	699.000 MHz	50.000 kHz	698.00050 MHz	-31.55 dBm	-18.55 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.02498 MHz	-37.53 dBm	-24.53 dB

Date: 7.DEC.2024 20:38:53

LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB

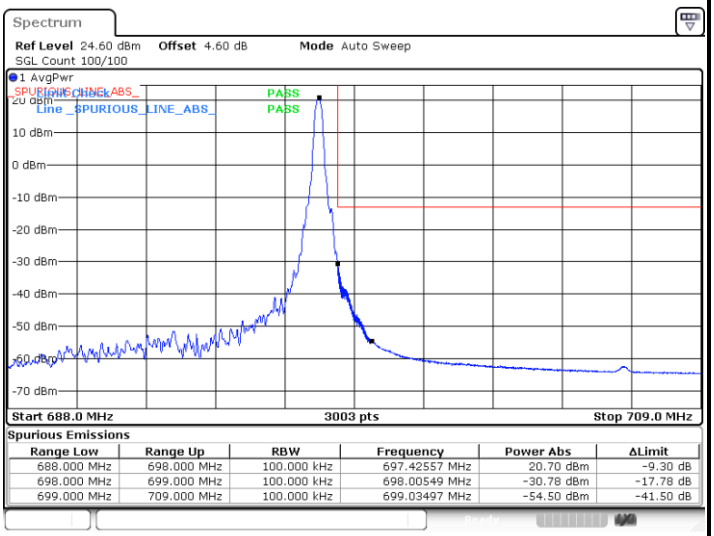


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.98501 MHz	-56.72 dBm	-43.72 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99650 MHz	-31.62 dBm	-18.62 dB
663.000 MHz	673.000 MHz	100.000 kHz	663.57443 MHz	21.09 dBm	-8.91 dB

Date: 7.DEC.2024 20:44:32

Highest Band Edge / 1 RB

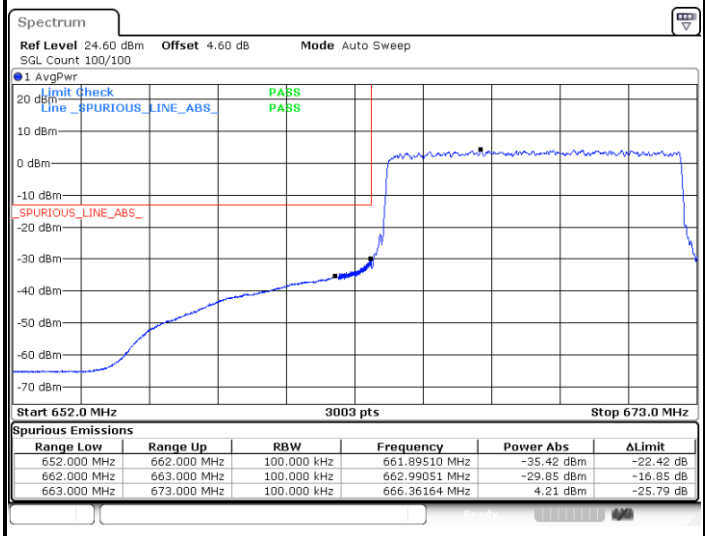


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	697.42557 MHz	20.70 dBm	-9.30 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00549 MHz	-30.78 dBm	-17.78 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.03497 MHz	-54.50 dBm	-41.50 dB

Date: 7.DEC.2024 20:54:28

Lowest Band Edge / Full RB

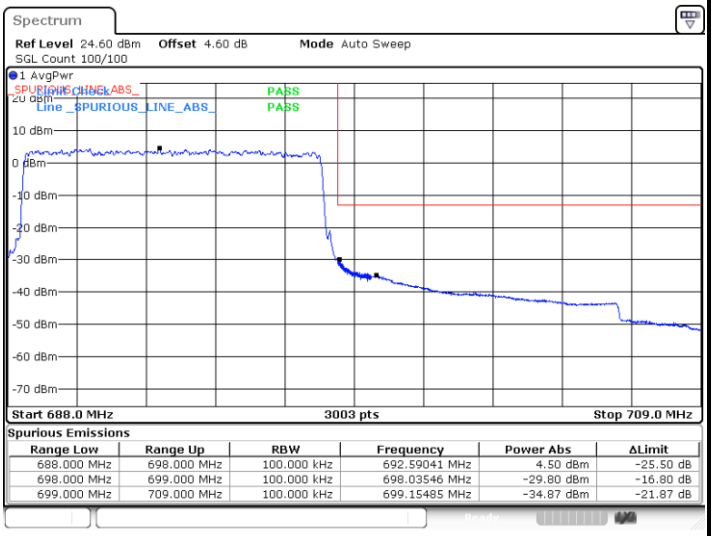


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.89510 MHz	-35.42 dBm	-22.42 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99051 MHz	-29.85 dBm	-16.85 dB
663.000 MHz	673.000 MHz	100.000 kHz	666.36164 MHz	4.21 dBm	-25.79 dB

Date: 7.DEC.2024 20:40:01

Highest Band Edge / Full RB



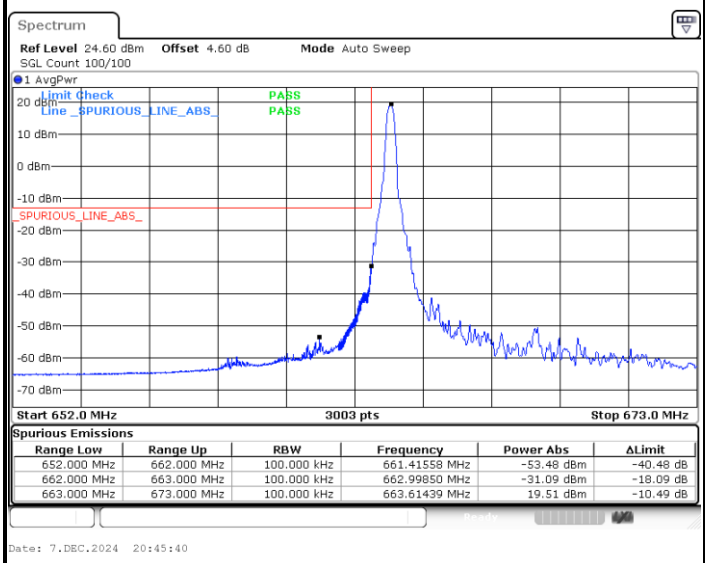
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	692.59041 MHz	4.50 dBm	-25.50 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.03546 MHz	-29.80 dBm	-16.80 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.15485 MHz	-34.87 dBm	-21.87 dB

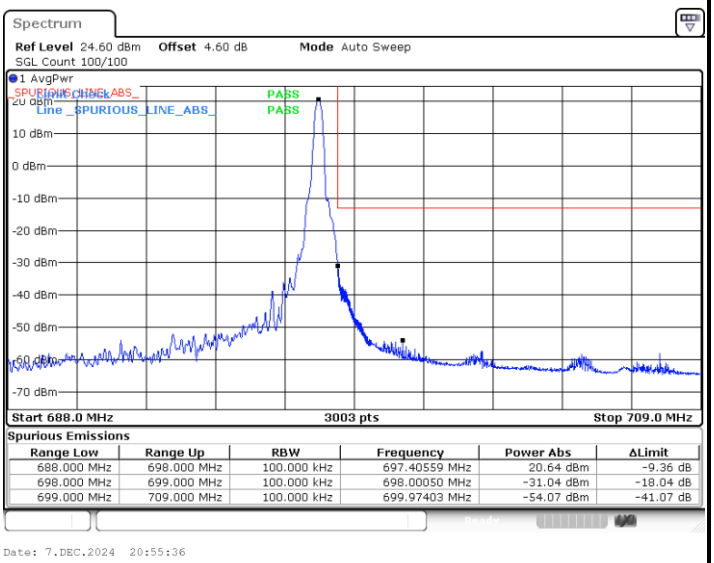
Date: 7.DEC.2024 20:59:01

LTE Band 71 / 10MHz / 16QAM

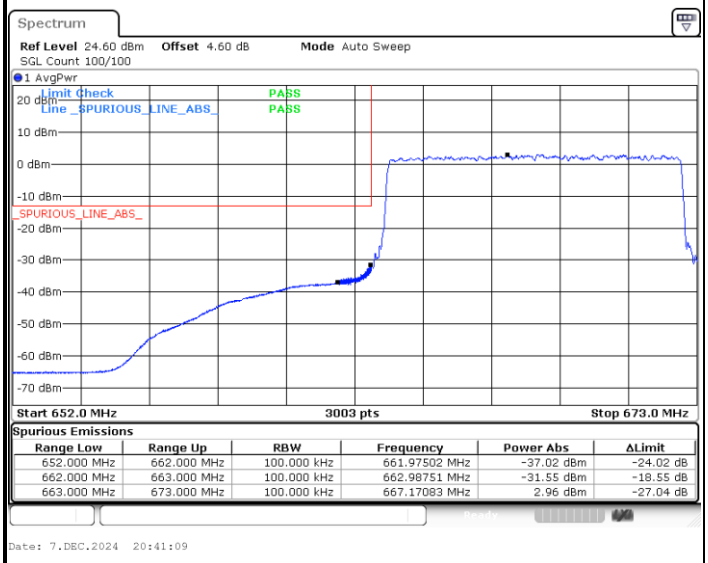
Lowest Band Edge / 1 RB



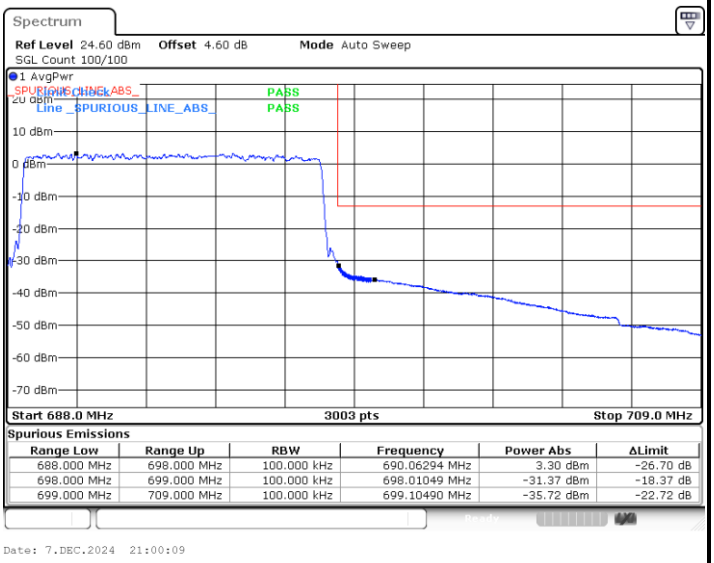
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

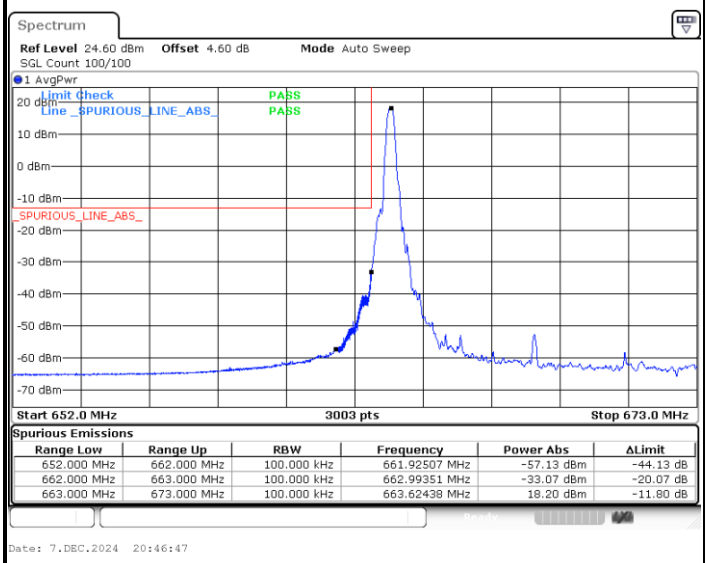


Highest Band Edge / Full RB



LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

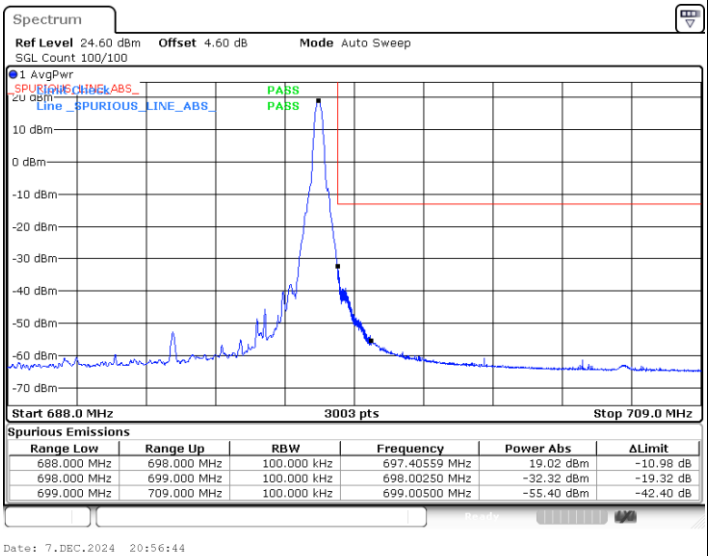


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.92507 MHz	-57.13 dBm	-44.13 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99351 MHz	-33.07 dBm	-20.07 dB
663.000 MHz	673.000 MHz	100.000 kHz	663.62438 MHz	18.20 dBm	-11.80 dB

Date: 7.DEC.2024 20:46:47

Highest Band Edge / 1 RB

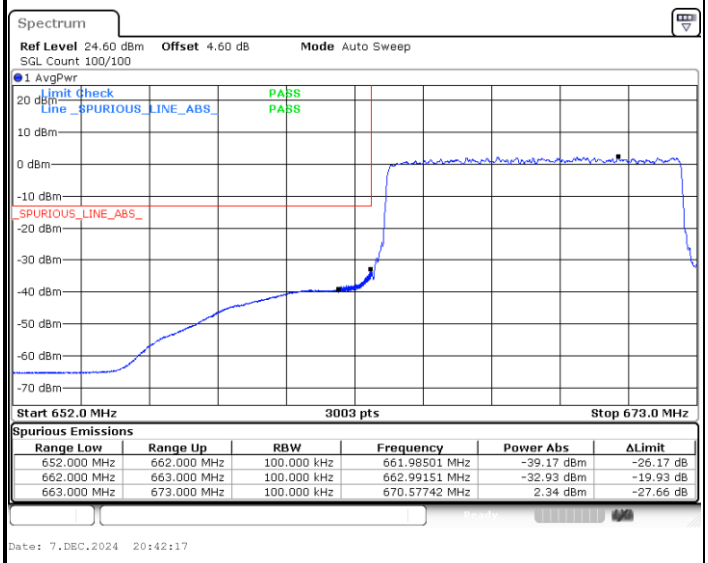


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	697.40559 MHz	19.02 dBm	-10.98 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00250 MHz	-32.32 dBm	-19.32 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-55.40 dBm	-42.40 dB

Date: 7.DEC.2024 20:56:44

Lowest Band Edge / Full RB

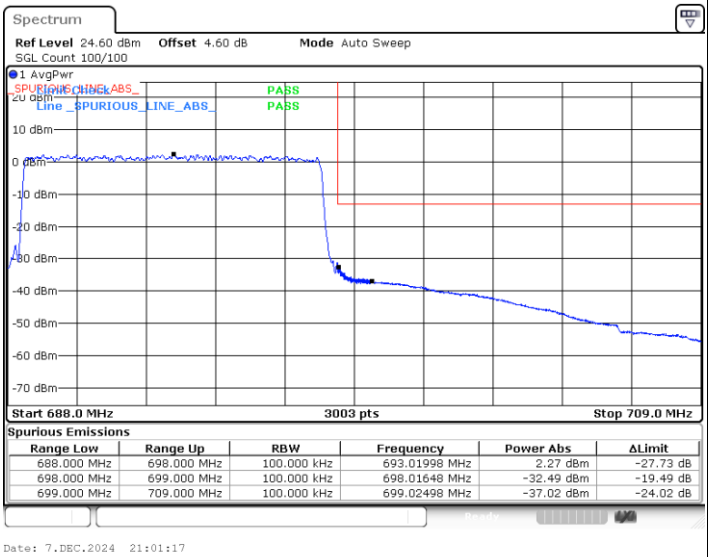


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.98501 MHz	-39.17 dBm	-26.17 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99151 MHz	-32.93 dBm	-19.93 dB
663.000 MHz	673.000 MHz	100.000 kHz	670.57742 MHz	2.34 dBm	-27.66 dB

Date: 7.DEC.2024 20:42:17

Highest Band Edge / Full RB



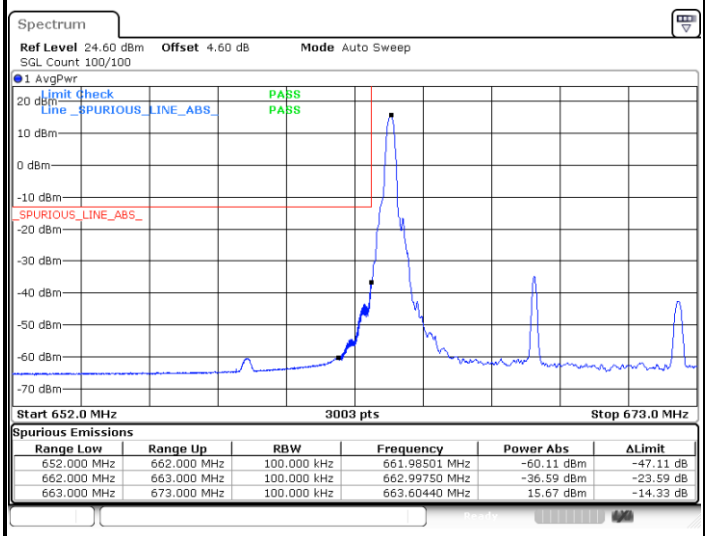
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	693.01998 MHz	2.27 dBm	-27.73 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.01648 MHz	-32.49 dBm	-19.49 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.02498 MHz	-37.02 dBm	-24.02 dB

Date: 7.DEC.2024 21:01:17

LTE Band 71 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

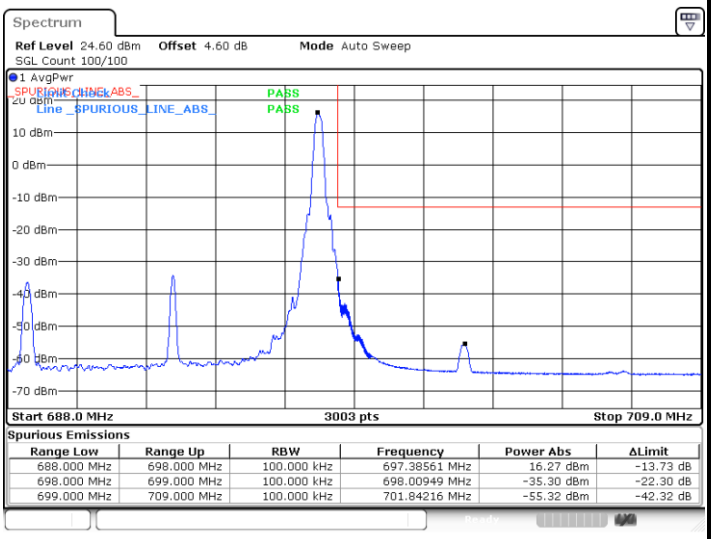


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.98501 MHz	-60.11 dBm	-47.11 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99750 MHz	-36.59 dBm	-23.59 dB
663.000 MHz	673.000 MHz	100.000 kHz	663.60440 MHz	15.67 dBm	-14.33 dB

Date: 7.DEC.2024 20:47:55

Highest Band Edge / 1 RB

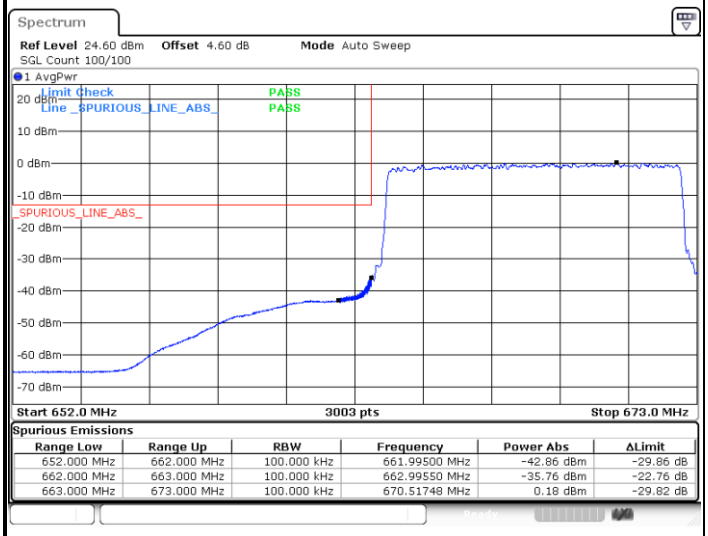


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	697.38561 MHz	16.27 dBm	-13.73 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00949 MHz	-35.30 dBm	-22.30 dB
699.000 MHz	709.000 MHz	100.000 kHz	701.84216 MHz	-55.32 dBm	-42.32 dB

Date: 7.DEC.2024 20:57:52

Lowest Band Edge / Full RB

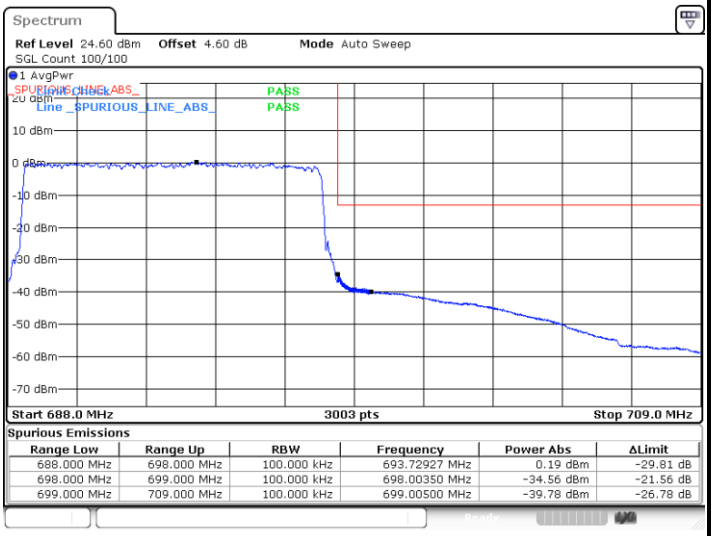


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-42.86 dBm	-29.86 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99550 MHz	-35.76 dBm	-22.76 dB
663.000 MHz	673.000 MHz	100.000 kHz	670.51748 MHz	0.18 dBm	-29.82 dB

Date: 7.DEC.2024 20:43:25

Highest Band Edge / Full RB



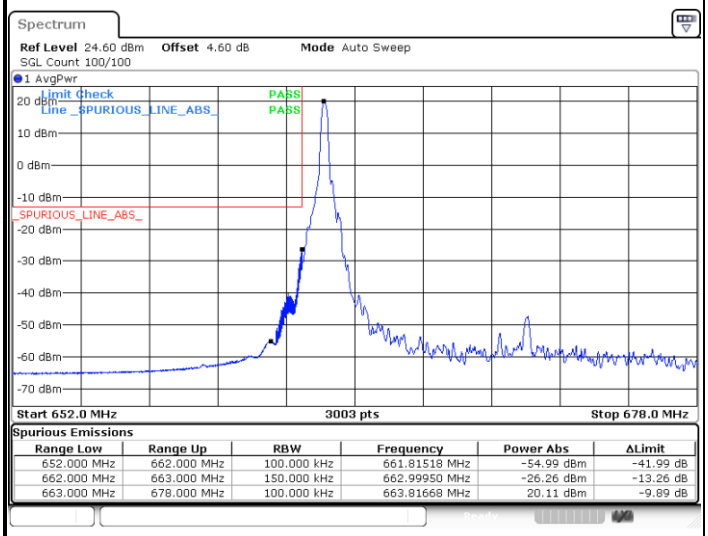
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	693.72927 MHz	0.19 dBm	-29.81 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00350 MHz	-34.56 dBm	-21.56 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-39.78 dBm	-26.78 dB

Date: 7.DEC.2024 21:02:26

LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB

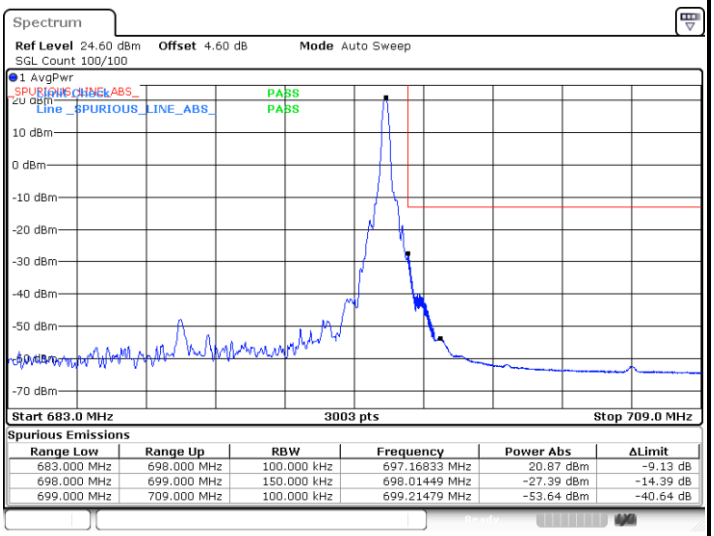


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.81518 MHz	-54.99 dBm	-41.99 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.99950 MHz	-26.26 dBm	-13.26 dB
663.000 MHz	678.000 MHz	100.000 kHz	663.81668 MHz	20.11 dBm	-9.89 dB

Date: 7.DEC.2024 21:08:07

Highest Band Edge / 1 RB

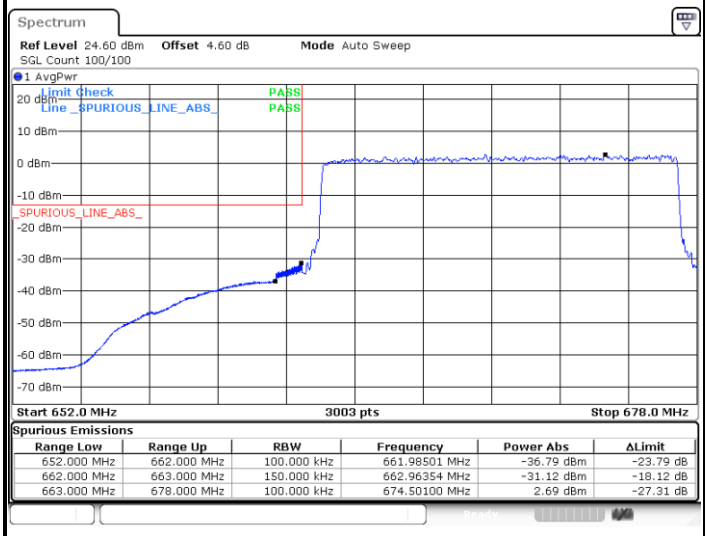


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	697.16833 MHz	20.87 dBm	-9.13 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.01449 MHz	-27.39 dBm	-14.39 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.21479 MHz	-53.64 dBm	-40.64 dB

Date: 7.DEC.2024 21:18:05

Lowest Band Edge / Full RB

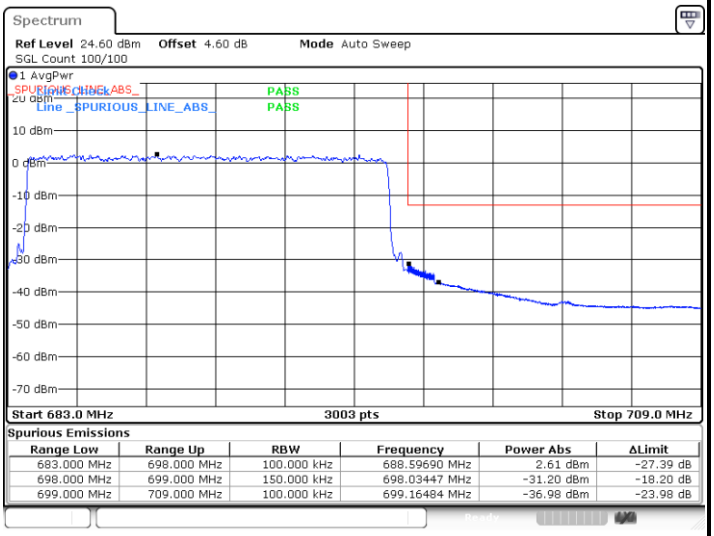


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.98501 MHz	-36.79 dBm	-23.79 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.96354 MHz	-31.12 dBm	-18.12 dB
663.000 MHz	678.000 MHz	100.000 kHz	674.50100 MHz	2.69 dBm	-27.31 dB

Date: 7.DEC.2024 21:03:34

Highest Band Edge / Full RB



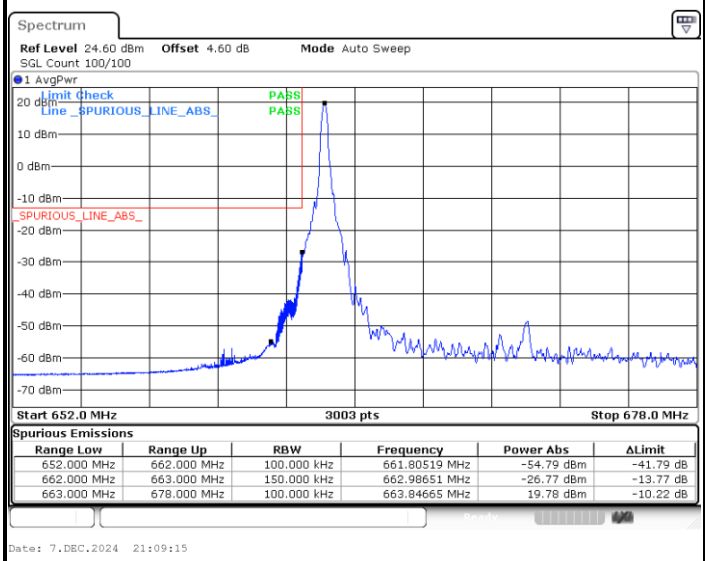
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	688.59690 MHz	2.61 dBm	-27.39 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.03447 MHz	-31.20 dBm	-18.20 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.16484 MHz	-36.98 dBm	-23.98 dB

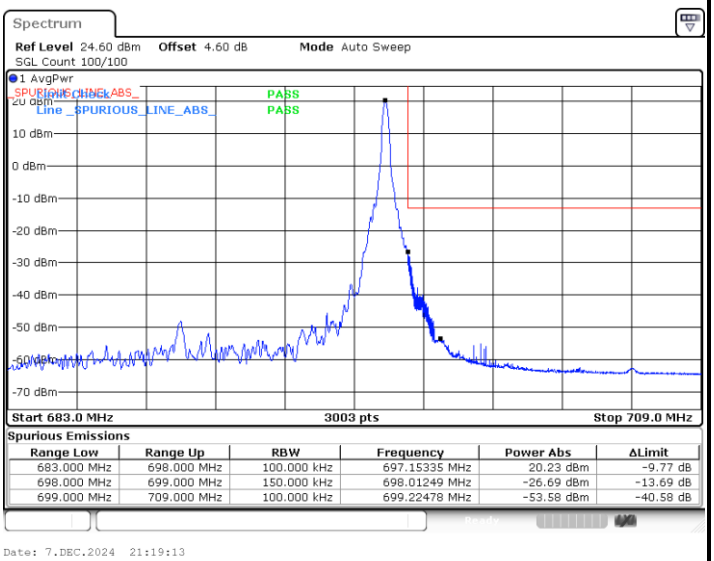
Date: 7.DEC.2024 21:22:38

LTE Band 71 / 15MHz / 16QAM

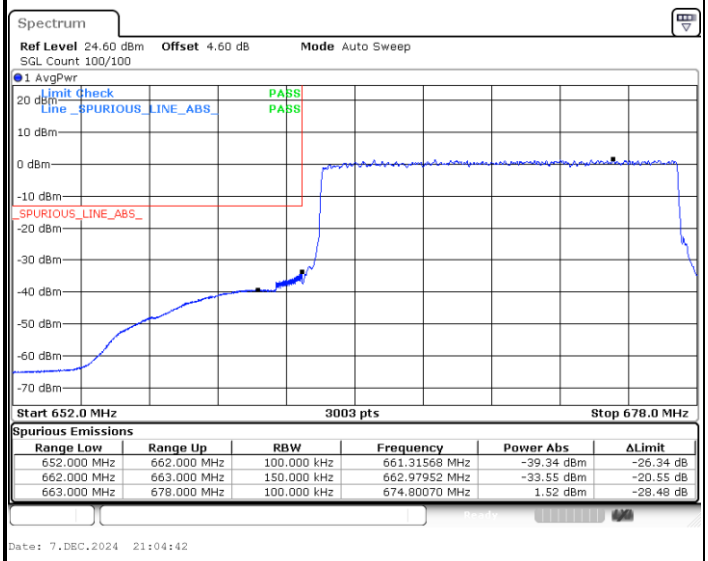
Lowest Band Edge / 1 RB



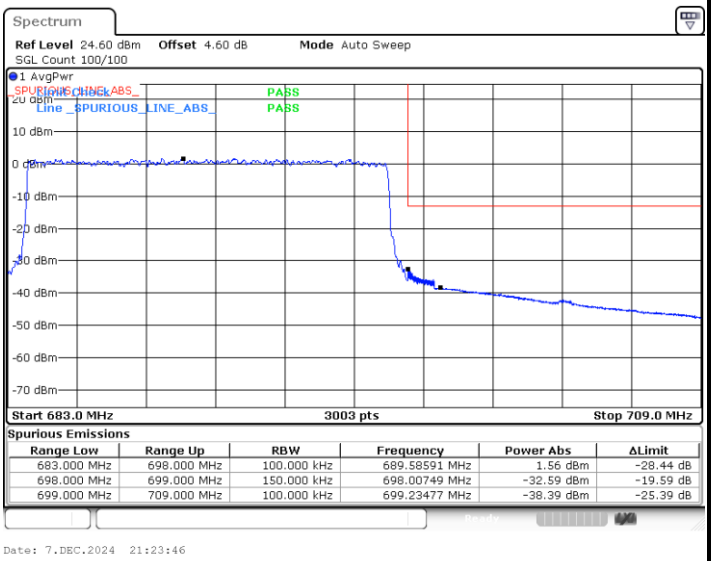
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

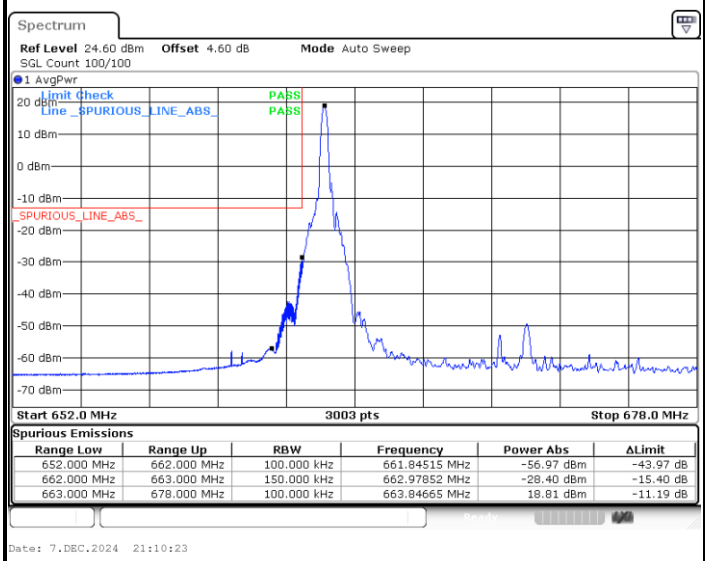


Highest Band Edge / Full RB



LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

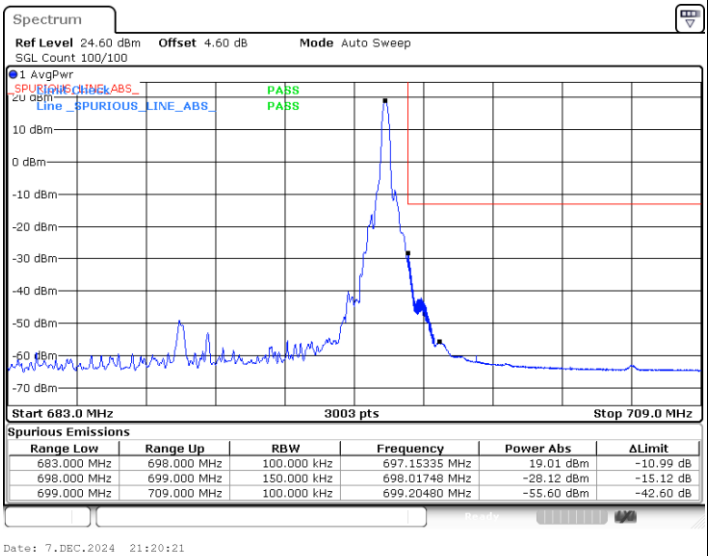


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.84515 MHz	-56.97 dBm	-43.97 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.97852 MHz	-28.40 dBm	-15.40 dB
663.000 MHz	678.000 MHz	100.000 kHz	663.84665 MHz	18.81 dBm	-11.19 dB

Date: 7.DEC.2024 21:10:23

Highest Band Edge / 1 RB

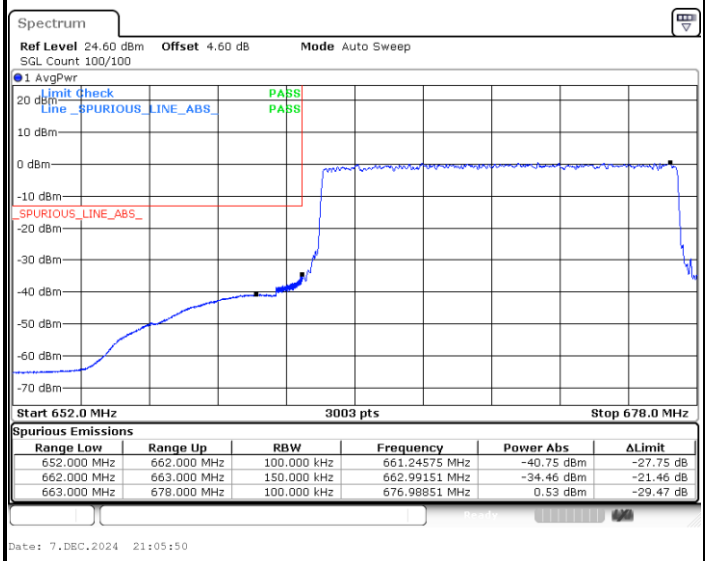


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	697.15335 MHz	19.01 dBm	-10.99 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.01748 MHz	-28.12 dBm	-15.12 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.20480 MHz	-55.60 dBm	-42.60 dB

Date: 7.DEC.2024 21:20:21

Lowest Band Edge / Full RB

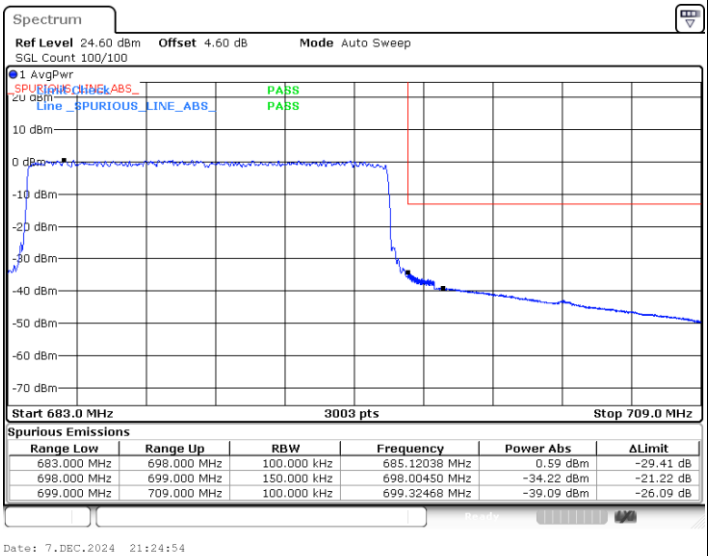


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.24575 MHz	-40.75 dBm	-27.75 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.99151 MHz	-34.46 dBm	-21.46 dB
663.000 MHz	678.000 MHz	100.000 kHz	676.98851 MHz	0.53 dBm	-29.47 dB

Date: 7.DEC.2024 21:05:50

Highest Band Edge / Full RB



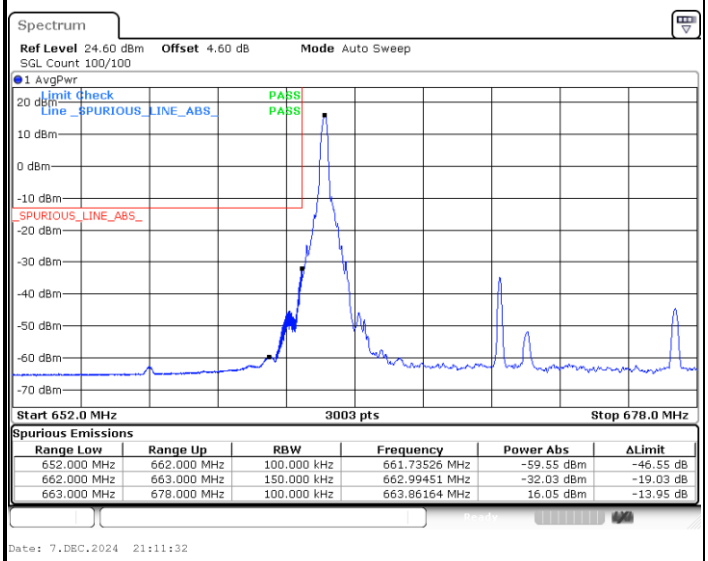
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	685.12038 MHz	0.59 dBm	-29.41 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.00450 MHz	-34.22 dBm	-21.22 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.32468 MHz	-39.09 dBm	-26.09 dB

Date: 7.DEC.2024 21:24:54

LTE Band 71 / 15MHz / 256QAM

Lowest Band Edge / 1 RB

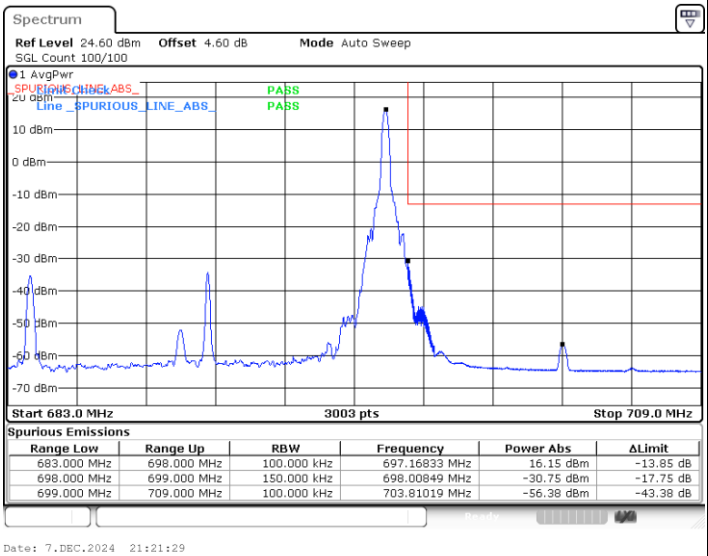


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.73526 MHz	-59.55 dBm	-46.55 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.99451 MHz	-32.03 dBm	-19.03 dB
663.000 MHz	678.000 MHz	100.000 kHz	663.86164 MHz	16.05 dBm	-13.95 dB

Date: 7.DEC.2024 21:11:32

Highest Band Edge / 1 RB

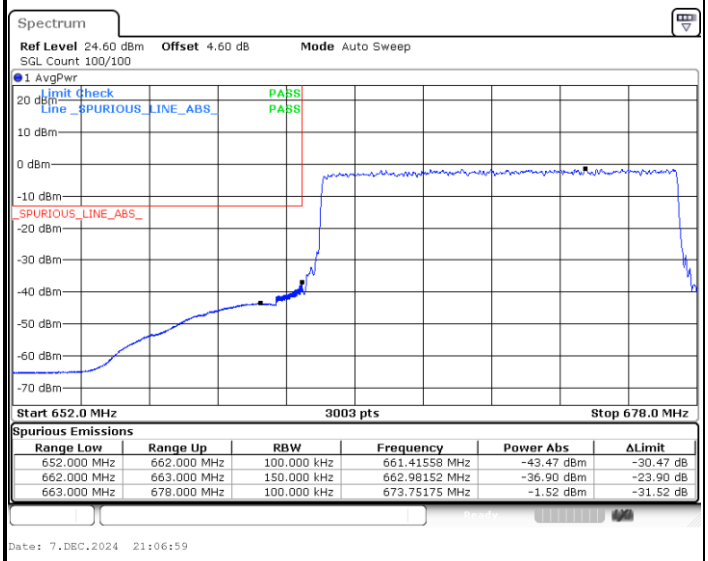


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	697.16833 MHz	16.15 dBm	-13.85 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.00849 MHz	-30.75 dBm	-17.75 dB
699.000 MHz	709.000 MHz	100.000 kHz	703.81019 MHz	-56.38 dBm	-43.38 dB

Date: 7.DEC.2024 21:21:29

Lowest Band Edge / Full RB

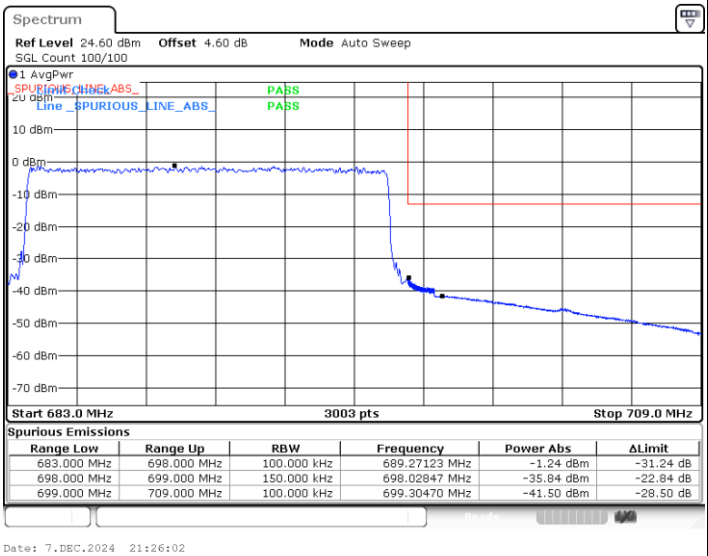


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.41558 MHz	-43.47 dBm	-30.47 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.98152 MHz	-36.90 dBm	-23.90 dB
663.000 MHz	678.000 MHz	100.000 kHz	673.75175 MHz	-1.52 dBm	-31.52 dB

Date: 7.DEC.2024 21:06:59

Highest Band Edge / Full RB



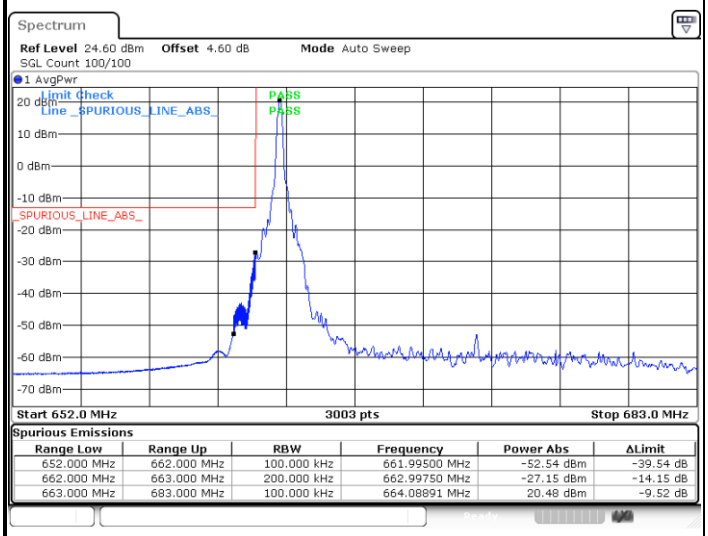
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	689.27123 MHz	-1.24 dBm	-31.24 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.02847 MHz	-35.84 dBm	-22.84 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.30470 MHz	-41.50 dBm	-28.50 dB

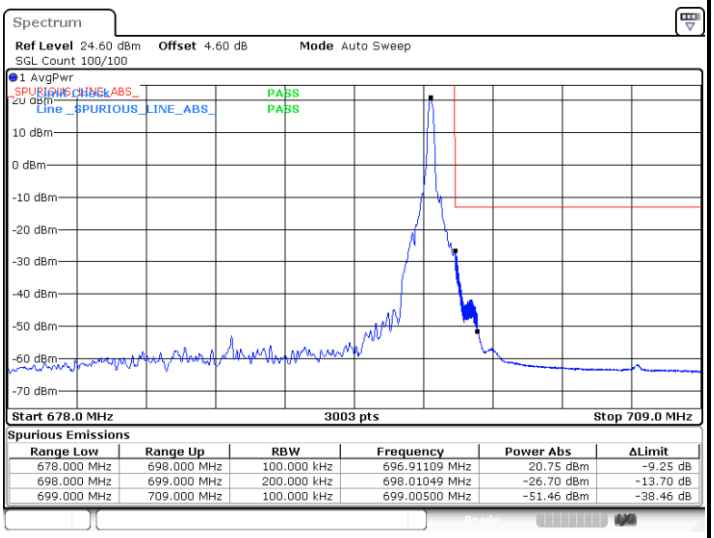
Date: 7.DEC.2024 21:26:02

LTE Band 71 / 20MHz / QPSK

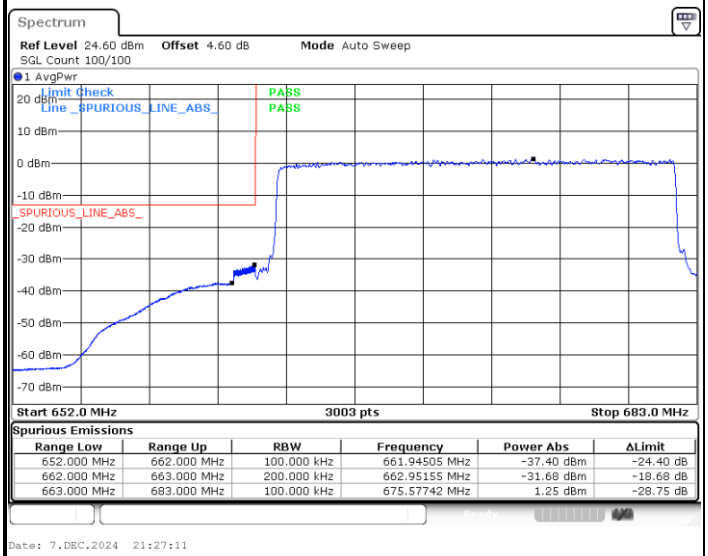
Lowest Band Edge / 1 RB



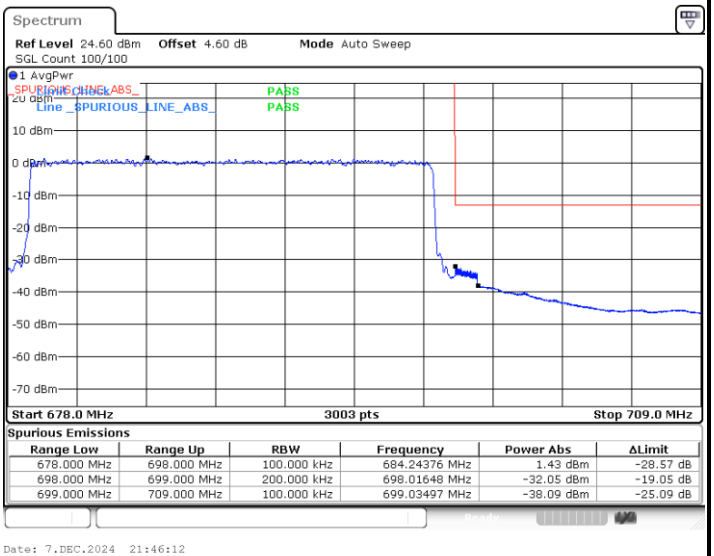
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

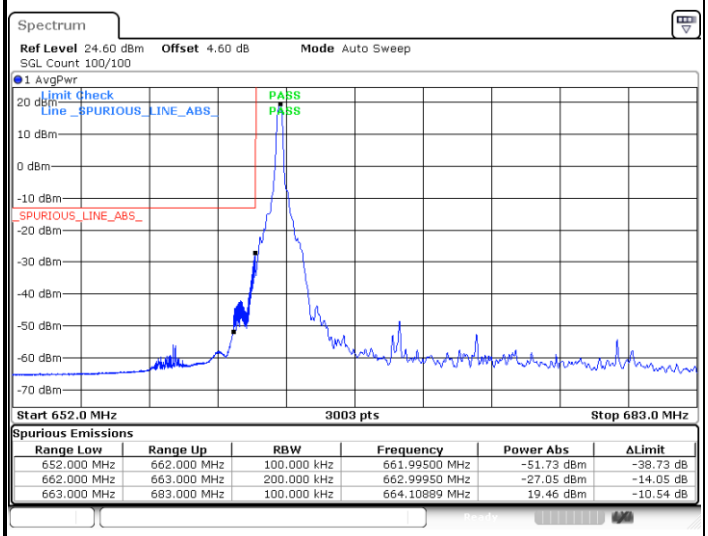


Highest Band Edge / Full RB

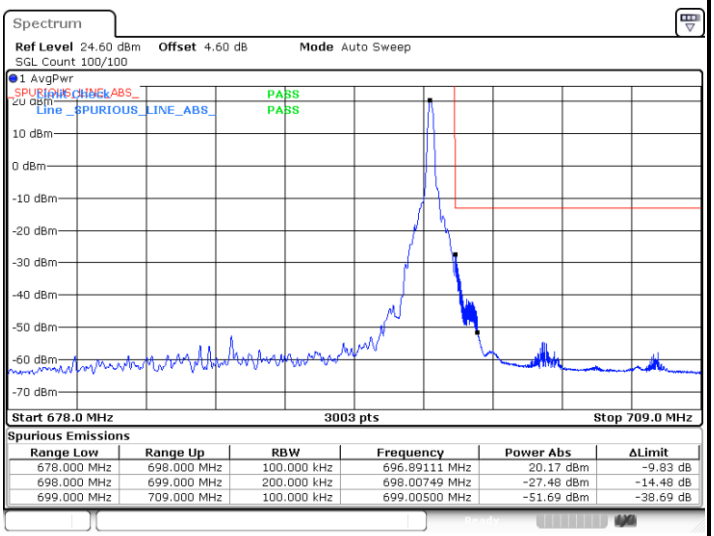


LTE Band 71 / 20MHz / 16QAM

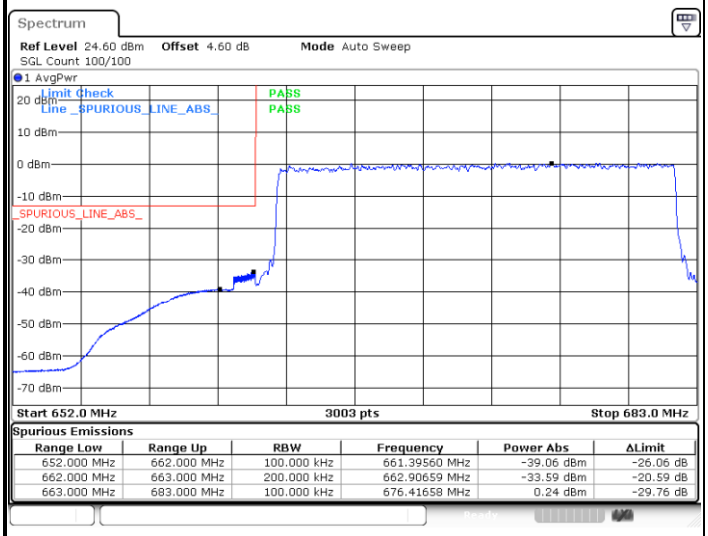
Lowest Band Edge /1 RB



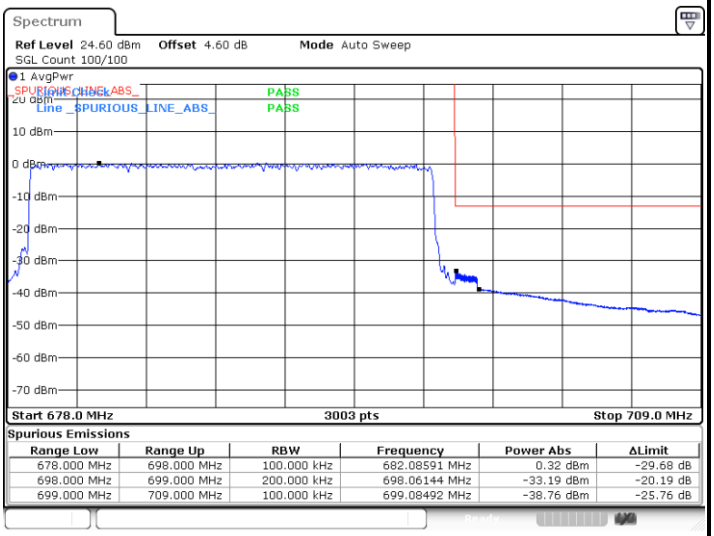
Highest Band Edge / 1RB

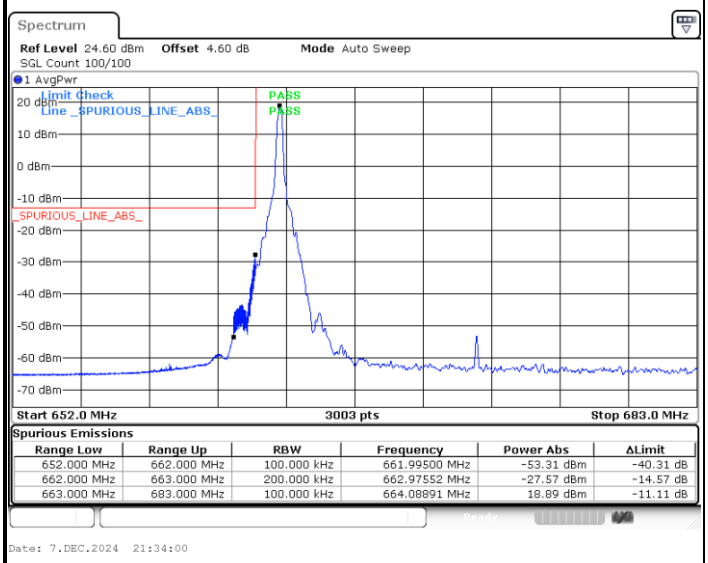
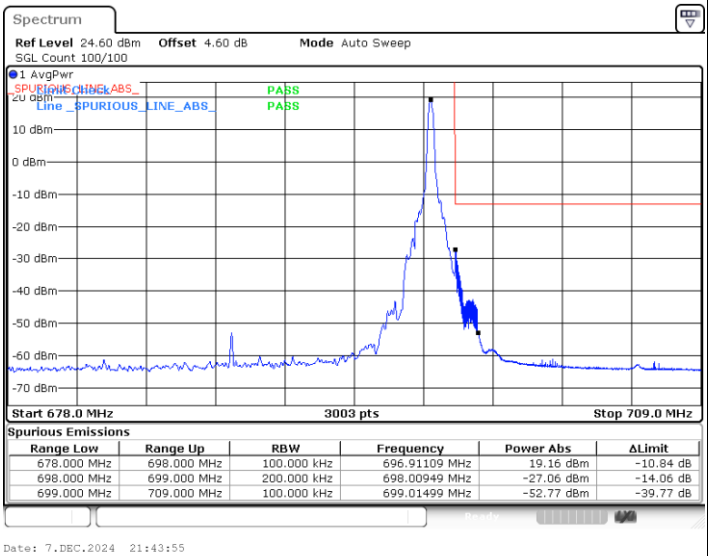
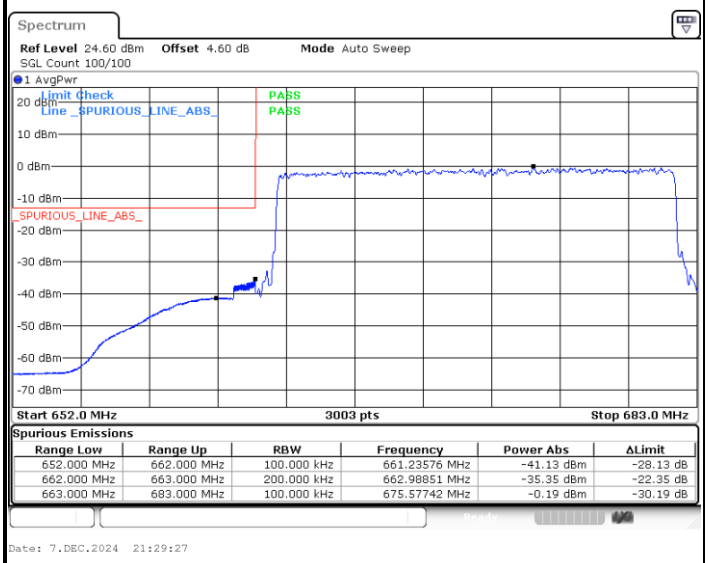
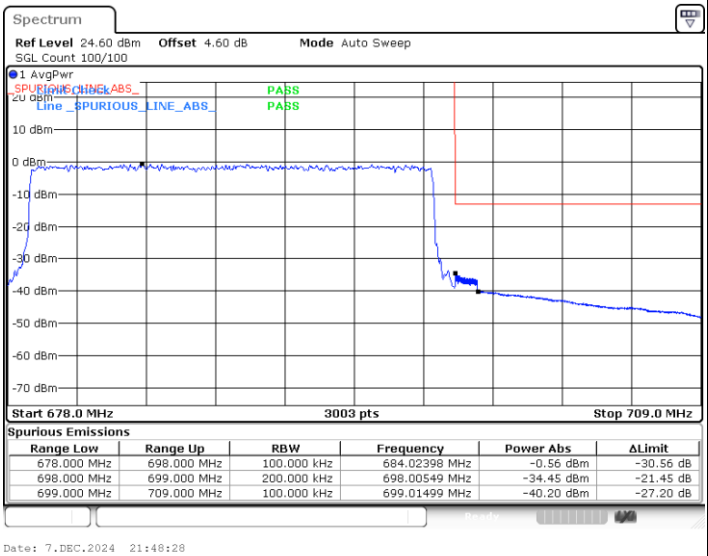


Lowest Band Edge / Full RB



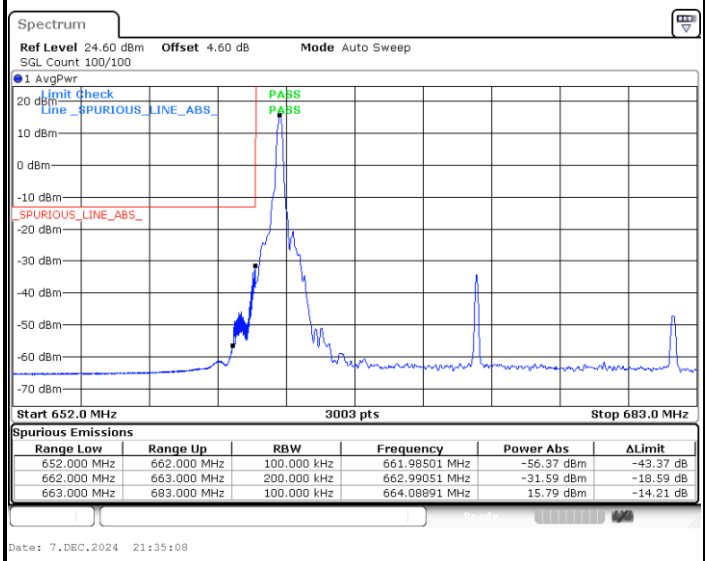
Highest Band Edge / Full RB



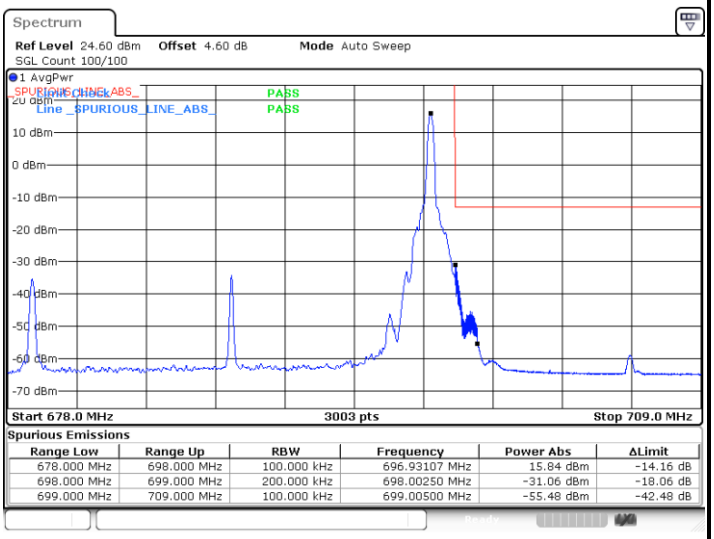
LTE Band 71 / 20MHz / 64QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 71 / 20MHz / 256QAM

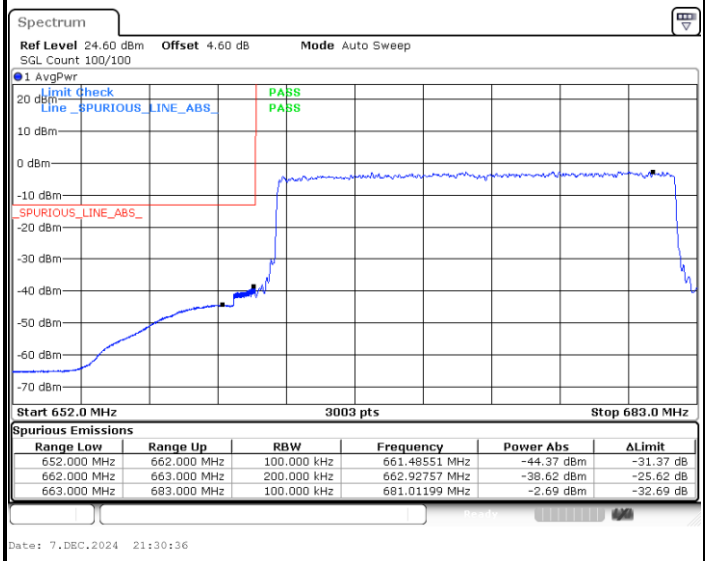
Lowest Band Edge / 1 RB



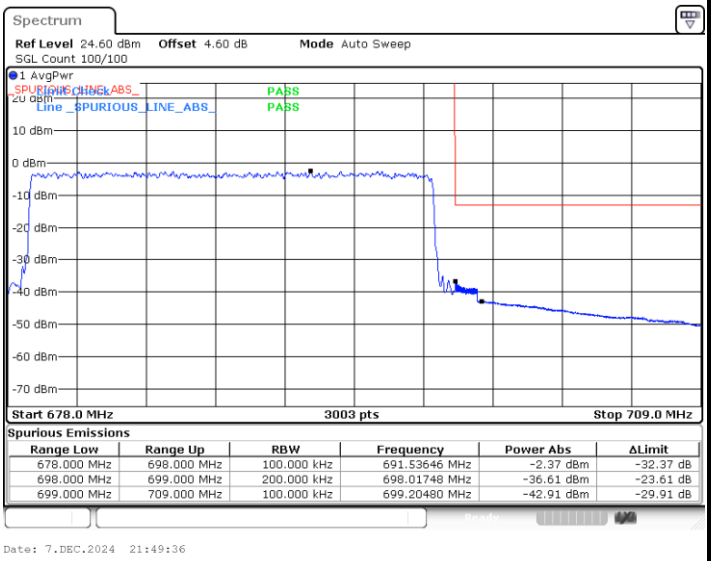
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



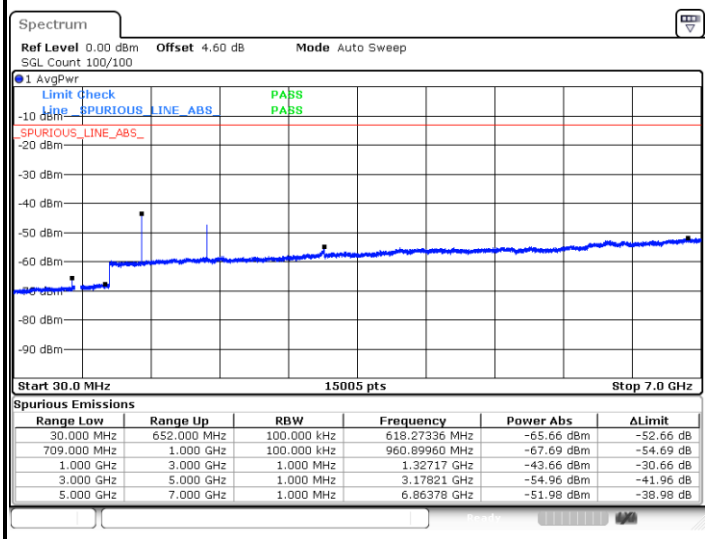
Highest Band Edge / Full RB



Conducted Spurious Emission

LTE Band 71 / 5MHz

Lowest Channel / QPSK

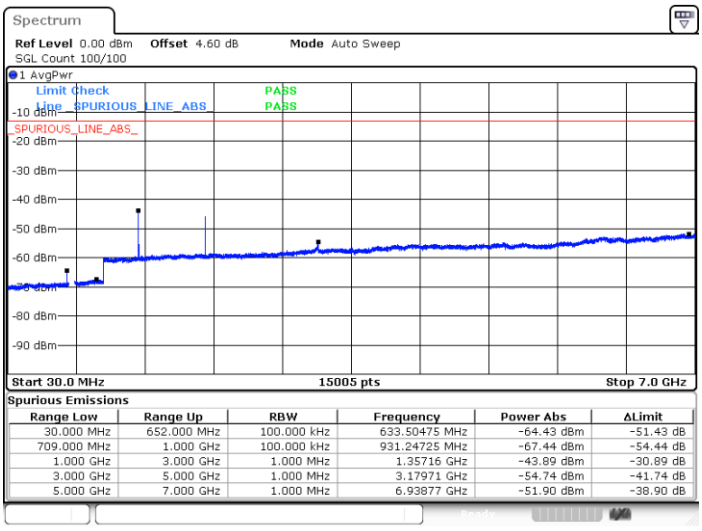


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	618.27336 MHz	-65.66 dBm	-52.66 dB
709.000 MHz	1.000 GHz	100.000 kHz	960.89960 MHz	-67.69 dBm	-54.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32717 GHz	-43.66 dBm	-30.66 dB
3.000 GHz	5.000 GHz	1.000 MHz	3.17821 GHz	-54.96 dBm	-41.96 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.86378 GHz	-51.98 dBm	-38.98 dB

Date: 7.DEC.2024 20:16:38

Middle Channel / QPSK

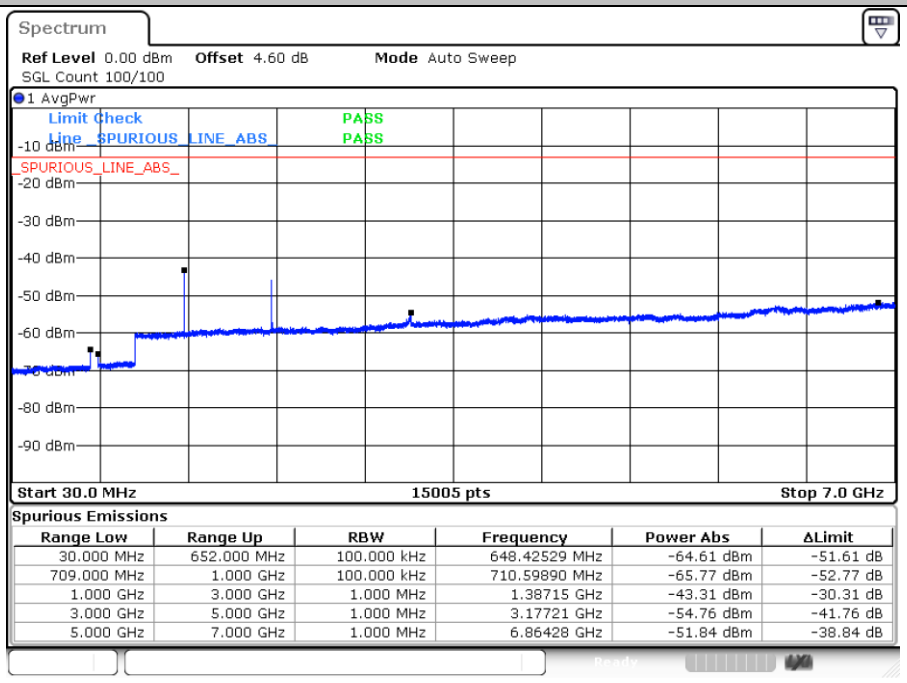


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	633.50475 MHz	-64.43 dBm	-51.43 dB
709.000 MHz	1.000 GHz	100.000 kHz	931.24725 MHz	-67.44 dBm	-54.44 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35716 GHz	-43.89 dBm	-30.89 dB
3.000 GHz	5.000 GHz	1.000 MHz	3.17971 GHz	-54.74 dBm	-41.74 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93877 GHz	-51.90 dBm	-38.90 dB

Date: 7.DEC.2024 20:27:02

Highest Channel / QPSK



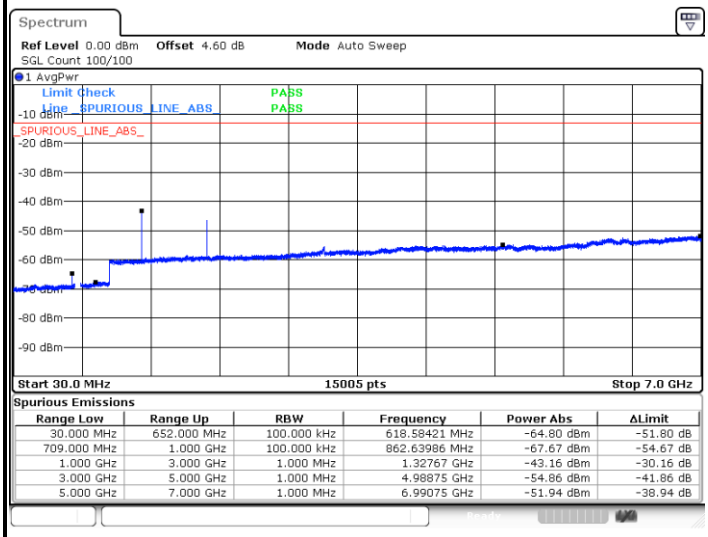
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	648.42529 MHz	-64.61 dBm	-51.61 dB
709.000 MHz	1.000 GHz	100.000 kHz	710.59890 MHz	-65.77 dBm	-52.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.38715 GHz	-43.31 dBm	-30.31 dB
3.000 GHz	5.000 GHz	1.000 MHz	3.17721 GHz	-54.76 dBm	-41.76 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.86428 GHz	-51.84 dBm	-38.84 dB

Date: 7.DEC.2024 20:29:47

LTE Band 71 / 10MHz

Lowest Channel / QPSK

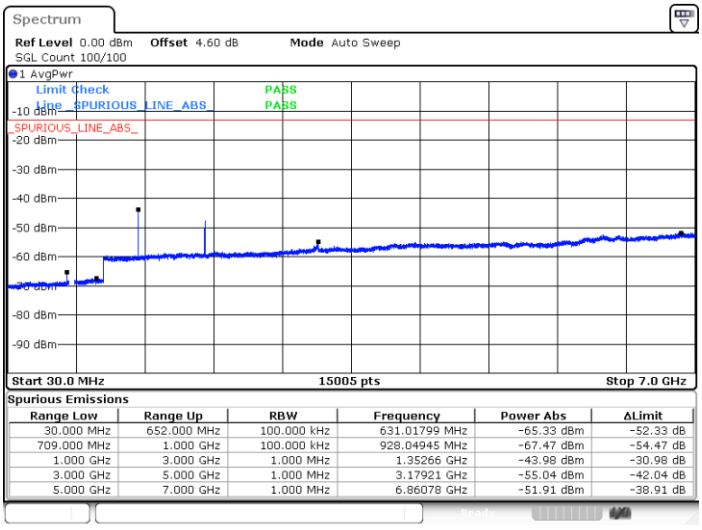


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	618.58421 MHz	-64.80 dBm	-51.80 dB
709.000 MHz	1.000 GHz	100.000 kHz	862.63986 MHz	-67.67 dBm	-54.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32767 GHz	-43.16 dBm	-30.16 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98875 GHz	-54.86 dBm	-41.86 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-51.94 dBm	-38.94 dB

Date: 7.DEC.2024 20:49:15

Middle Channel / QPSK

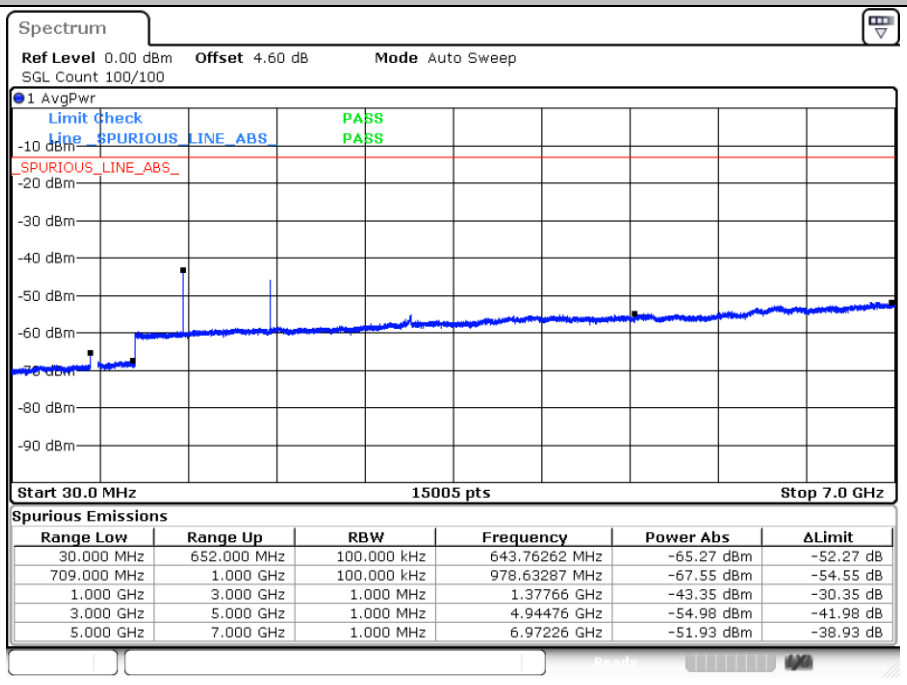


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	631.01799 MHz	-65.33 dBm	-52.33 dB
709.000 MHz	1.000 GHz	100.000 kHz	928.04945 MHz	-67.47 dBm	-54.47 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35266 GHz	-43.98 dBm	-30.98 dB
3.000 GHz	5.000 GHz	1.000 MHz	3.17921 GHz	-55.04 dBm	-42.04 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.86078 GHz	-51.91 dBm	-38.91 dB

Date: 7.DEC.2024 20:50:35

Highest Channel / QPSK



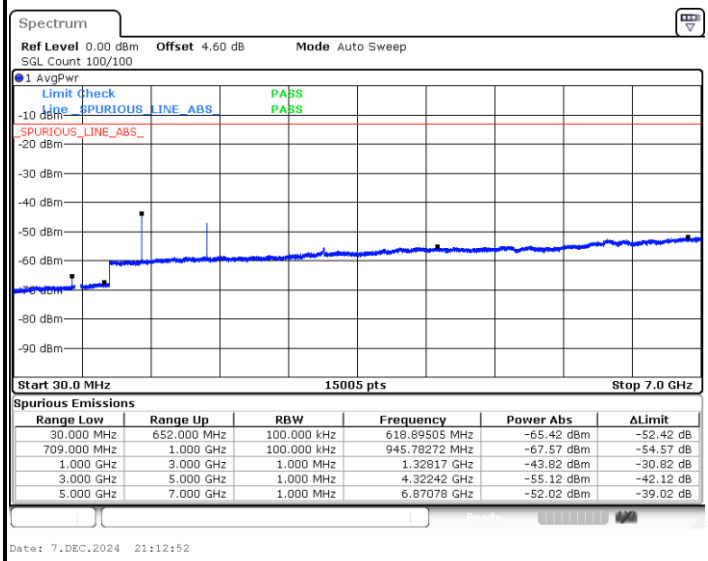
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	643.76262 MHz	-65.27 dBm	-52.27 dB
709.000 MHz	1.000 GHz	100.000 kHz	978.63287 MHz	-67.55 dBm	-54.55 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.37766 GHz	-43.35 dBm	-30.35 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.94476 GHz	-54.98 dBm	-41.98 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97226 GHz	-51.93 dBm	-38.93 dB

Date: 7.DEC.2024 20:53:19

LTE Band 71 / 15MHz

Lowest Channel / QPSK

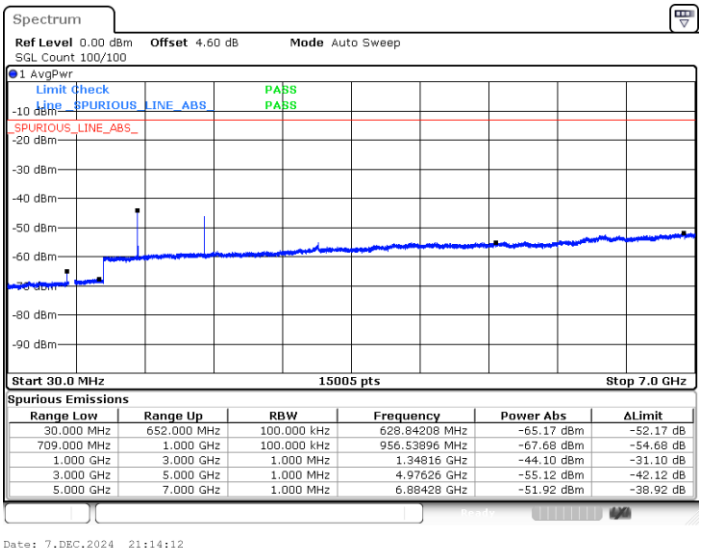


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	618.89505 MHz	-65.42 dBm	-52.42 dB
709.000 MHz	1.000 GHz	100.000 kHz	945.78272 MHz	-67.57 dBm	-54.57 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32817 GHz	-43.82 dBm	-30.82 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.32242 GHz	-55.12 dBm	-42.12 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.87078 GHz	-52.02 dBm	-39.02 dB

Date: 7.DEC.2024 21:12:52

Middle Channel / QPSK

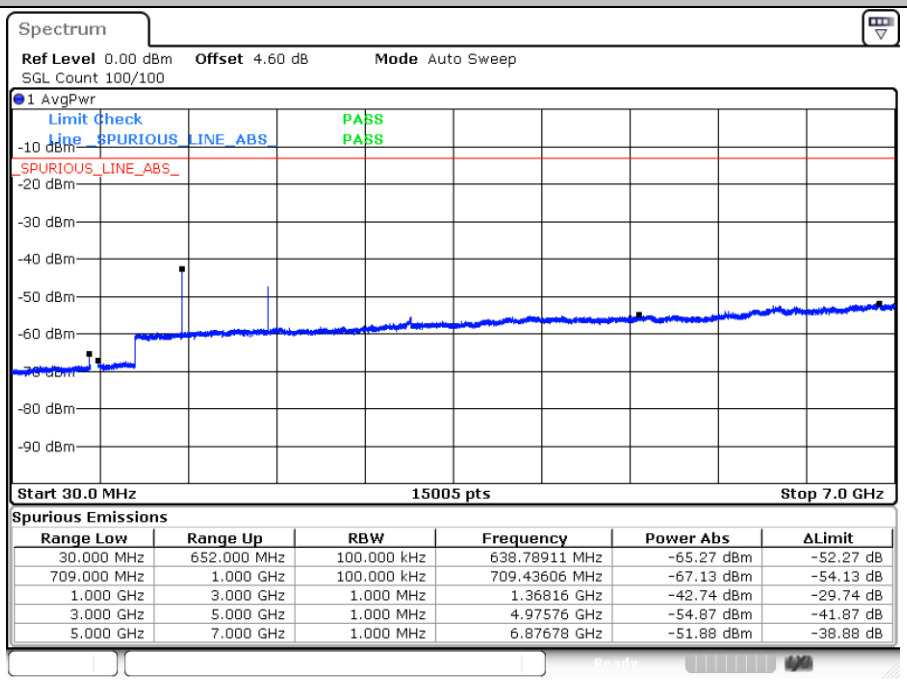


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	628.84208 MHz	-65.17 dBm	-52.17 dB
709.000 MHz	1.000 GHz	100.000 kHz	956.53896 MHz	-67.68 dBm	-54.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34816 GHz	-44.10 dBm	-31.10 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.97626 GHz	-55.12 dBm	-42.12 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.88428 GHz	-51.92 dBm	-38.92 dB

Date: 7.DEC.2024 21:14:12

Highest Channel / QPSK



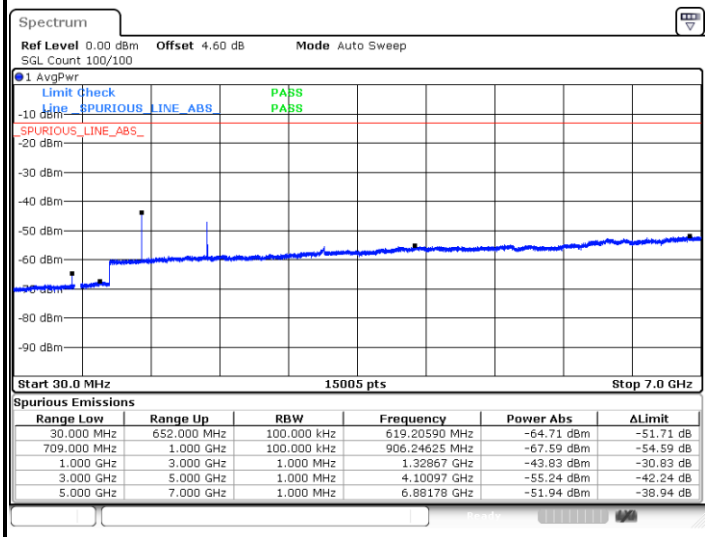
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	638.78911 MHz	-65.27 dBm	-52.27 dB
709.000 MHz	1.000 GHz	100.000 kHz	709.43606 MHz	-67.13 dBm	-54.13 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.36816 GHz	-42.74 dBm	-29.74 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.97576 GHz	-54.87 dBm	-41.87 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.87678 GHz	-51.88 dBm	-38.88 dB

Date: 7.DEC.2024 21:16:56

LTE Band 71 / 20MHz

Lowest Channel / QPSK

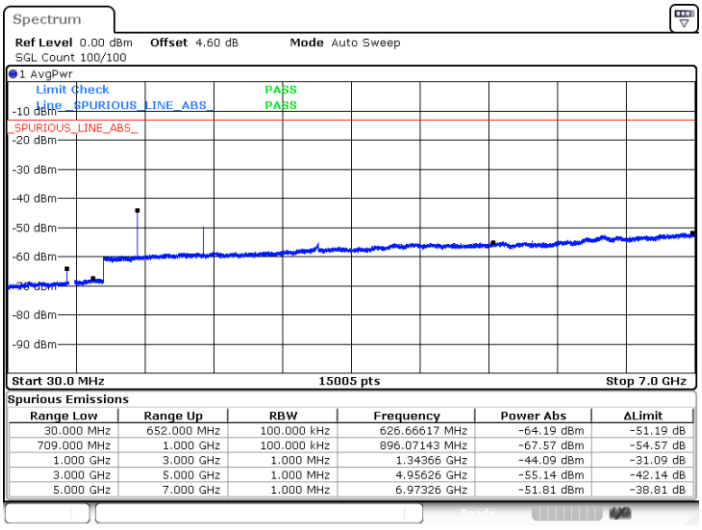


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	619.20590 MHz	-64.71 dBm	-51.71 dB
709.000 MHz	1.000 GHz	100.000 kHz	906.24625 MHz	-67.59 dBm	-54.59 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32867 GHz	-43.83 dBm	-30.83 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.10097 GHz	-55.24 dBm	-42.24 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.88178 GHz	-51.94 dBm	-38.94 dB

Date: 7.DEC.2024 21:36:27

Middle Channel / QPSK

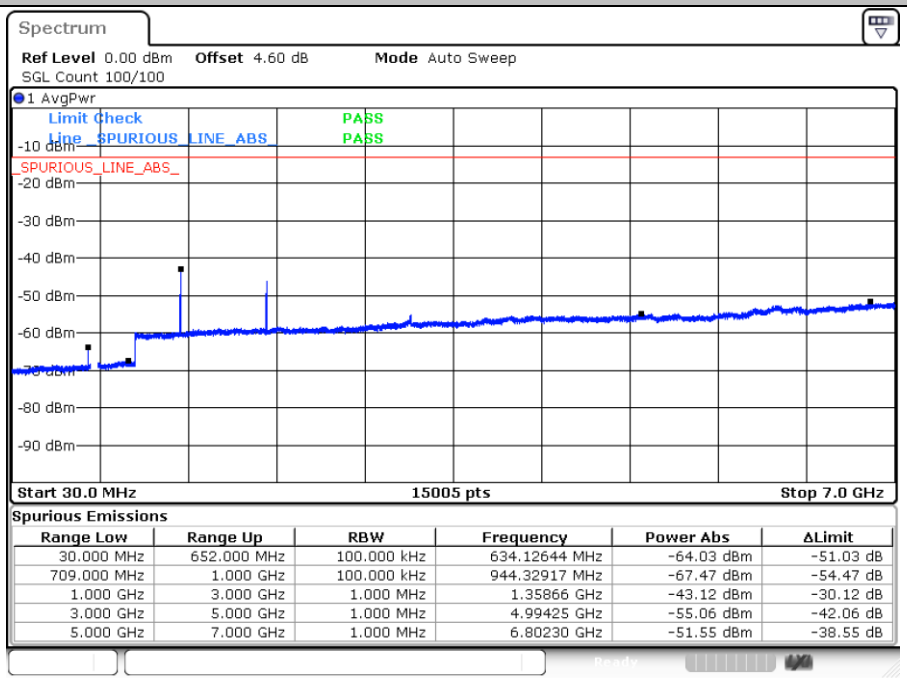


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	626.66617 MHz	-64.19 dBm	-51.19 dB
709.000 MHz	1.000 GHz	100.000 kHz	896.07143 MHz	-67.57 dBm	-54.57 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34366 GHz	-44.09 dBm	-31.09 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.95626 GHz	-55.14 dBm	-42.14 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97326 GHz	-51.81 dBm	-38.81 dB

Date: 7.DEC.2024 21:37:47

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	634.12644 MHz	-64.03 dBm	-51.03 dB
709.000 MHz	1.000 GHz	100.000 kHz	944.32917 MHz	-67.47 dBm	-54.47 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35866 GHz	-43.12 dBm	-30.12 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.99425 GHz	-55.06 dBm	-42.06 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.80230 GHz	-51.55 dBm	-38.55 dB

Date: 7.DEC.2024 21:40:31

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	0.0021	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0038	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0042	
0	Normal Voltage	0.0051	
-10	Normal Voltage	0.0044	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.86V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.53 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris	Temperature :	21~25℃
		Relative Humidity :	51~53%

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

LTE Band 12 / 10MHz / QPSK Ant.0 open status								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1408	-72.56	-13	-59.56	-79.53	1.58	10.70	H
	2112	-62.40	-13	-49.40	-70.65	2.102	12.50	H
	2816	-68.62	-13	-55.62	-77.51	2.856	13.90	H
	1408	-73.44	-13	-60.44	-80.41	1.58	10.70	V
	2112	-63.63	-13	-50.63	-71.88	2.10	12.50	V
	2816	-68.33	-13	-55.33	-77.22	2.86	13.90	V

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

LTE CA_5B PCC / 10+10MHz / QPSK Ant.0 open status								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1656	-62.75	-13	-49.75	-69.72	1.58	10.70	H
	2480	-59.75	-13	-46.75	-68.00	2.102	12.50	H
	3312	-57.86	-13	-44.86	-66.75	2.856	13.90	H
	1656	-61.64	-13	-48.64	-68.61	1.58	10.70	V
	2480	-57.56	-13	-44.56	-65.81	2.10	12.50	V
	3312	-58.17	-13	-45.17	-67.06	2.86	13.90	V

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

LTE CA_5B SCC / 10+10MHz / QPSK Ant.0 open status								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-62.89	-13	-49.89	-69.86	1.58	10.70	H
	2512	-57.53	-13	-44.53	-65.78	2.102	12.50	H
	3352	-57.56	-13	-44.56	-66.45	2.856	13.90	H
	1672	-61.96	-13	-48.96	-68.93	1.58	10.70	V
	2512	-56.25	-13	-43.25	-64.50	2.10	12.50	V
	3352	-57.31	-13	-44.31	-66.20	2.86	13.90	V

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

LTE Band 13 / 5MHz / QPSK Ant.0 open status								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1560	-64.88	-42.15	-22.73	-67.51	1.09	5.87	H
	2336	-59.51	-13	-46.51	-61.91	1.37	5.92	H
	3120	-58.03	-13	-45.03	-61.92	1.64	7.68	H
	1560	-64.13	-42.15	-21.98	-66.76	1.09	5.87	V
	2336	-58.39	-13	-45.39	-60.79	1.37	5.92	V
	3120	-58.38	-13	-45.38	-62.27	1.64	7.68	V

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

LTE Band 13 / 10MHz / QPSK Ant.0 open status								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1552	-70.17	-13	-57.17	-72.80	1.09	5.87	H
	2336	-53.53	-13	-40.53	-55.93	1.37	5.92	H
	3112	-68.71	-13	-55.71	-72.60	1.64	7.68	H
	1552	-72.67	-13	-59.67	-75.30	1.09	5.87	V
	2336	-59.41	-13	-46.41	-61.81	1.37	5.92	V
	3112	-68.55	-13	-55.55	-72.44	1.64	7.68	V

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

LTE Band 26 / 15MHz / QPSK Ant.0 open status								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1656	-70.60	-13	-57.60	-77.57	1.58	10.70	H
	2488	-66.01	-13	-53.01	-74.26	2.102	12.50	H
	3320	-68.85	-13	-55.85	-77.74	2.856	13.90	H
	1656	-72.28	-13	-59.28	-79.25	1.58	10.70	V
	2488	-65.99	-13	-52.99	-74.24	2.10	12.50	V
	3320	-68.70	-13	-55.70	-77.59	2.86	13.90	V

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

LTE Band 71 / 20MHz / QPSK Ant.1 open status								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1344	-70.55	-13	-57.55	-81.29	2.604	13.34	H
	2024	-54.33	-13	-41.33	-64.84	3.011	13.52	H
	2696	-68.37	-13	-55.37	-78.57	3.271	13.47	H
	1344	-72.71	-13	-59.71	-83.45	2.604	13.34	V
	2024	-54.83	-13	-41.83	-65.34	3.011	13.52	V
	2696	-68.60	-13	-55.60	-78.80	3.271	13.47	V

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