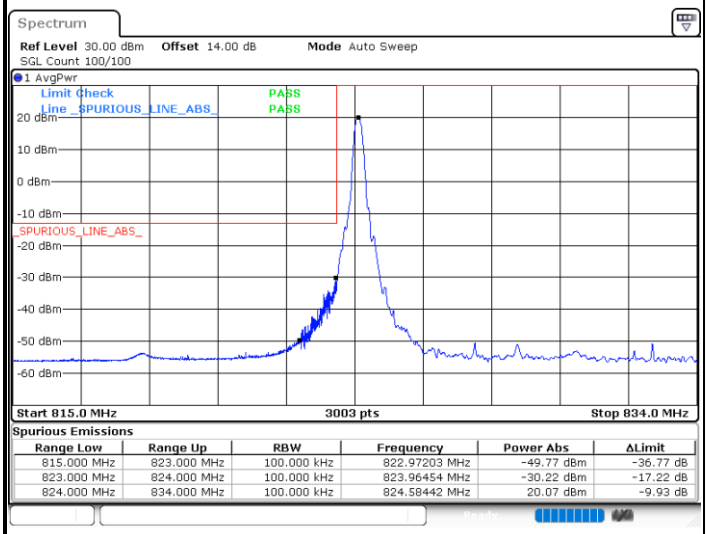
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

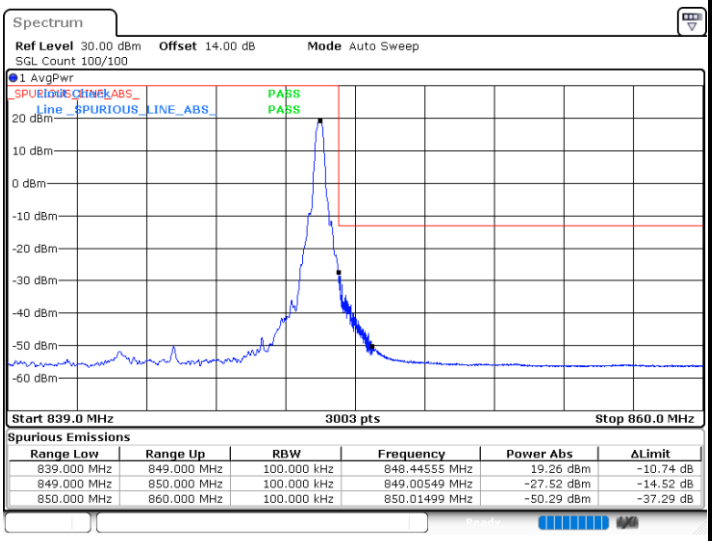


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.97203 MHz	-49.77 dBm	-36.77 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.96454 MHz	-30.22 dBm	-17.22 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.58442 MHz	20.07 dBm	-9.93 dB

Date: 6.AUG.2024 02:54:47

Highest Band Edge / 1 RB

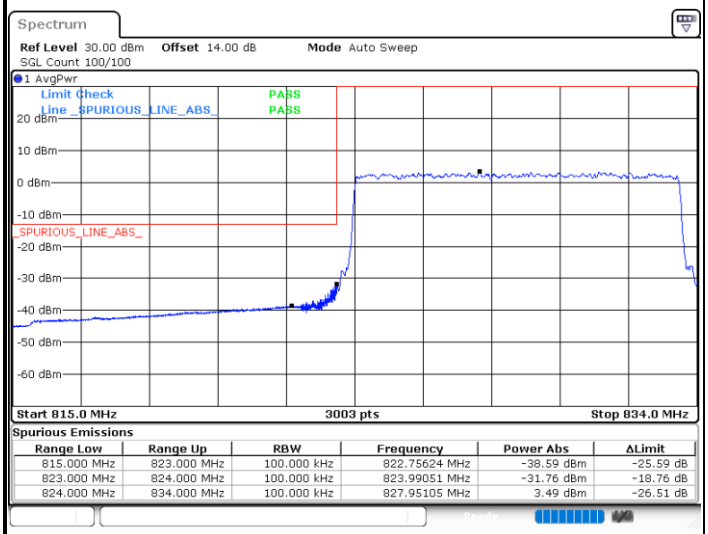


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.44555 MHz	19.26 dBm	-10.74 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00549 MHz	-27.52 dBm	-14.52 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-50.29 dBm	-37.29 dB

Date: 6.AUG.2024 03:04:08

Lowest Band Edge / Full RB

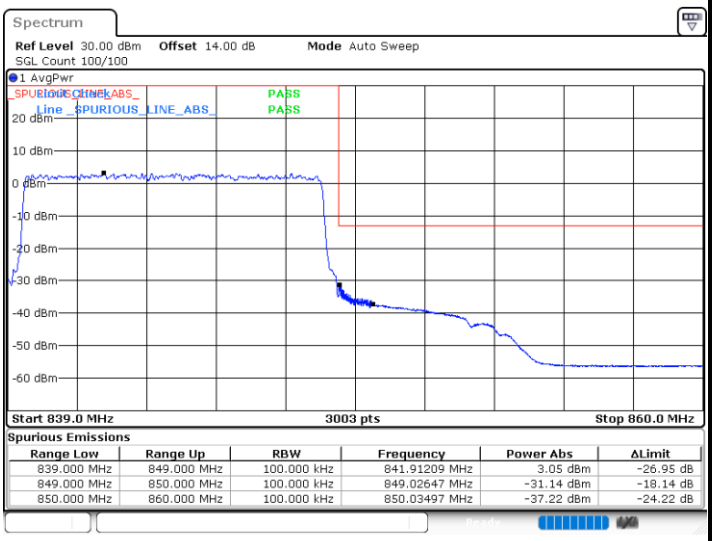


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.75624 MHz	-38.59 dBm	-25.59 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99051 MHz	-31.76 dBm	-18.76 dB
824.000 MHz	834.000 MHz	100.000 kHz	827.95105 MHz	3.49 dBm	-26.51 dB

Date: 6.AUG.2024 02:55:44

Highest Band Edge / Full RB



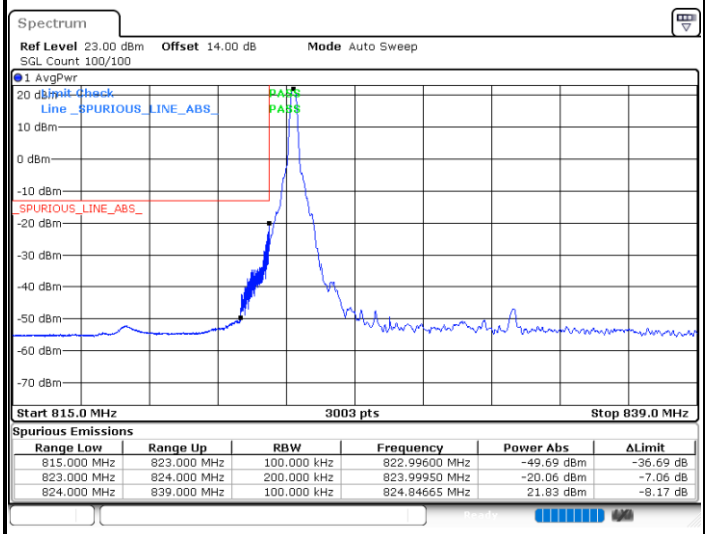
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	841.91209 MHz	3.05 dBm	-26.95 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.02647 MHz	-31.14 dBm	-18.14 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.03497 MHz	-37.22 dBm	-24.22 dB

Date: 6.AUG.2024 03:05:05

LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / 1RB

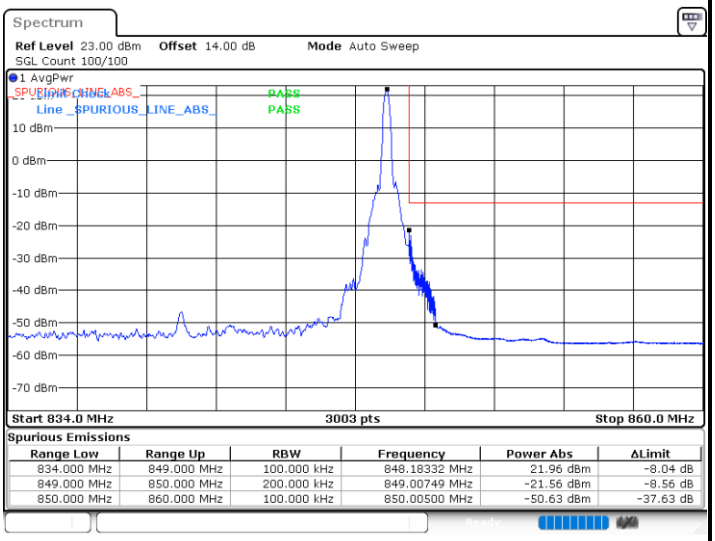


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-49.69 dBm	-36.69 dB
823.000 MHz	824.000 MHz	200.000 kHz	823.99950 MHz	-20.06 dBm	-7.06 dB
824.000 MHz	839.000 MHz	100.000 kHz	824.84665 MHz	21.83 dBm	-8.17 dB

Date: 6.AUG.2024 03:09:52

Highest Band Edge / 1RB

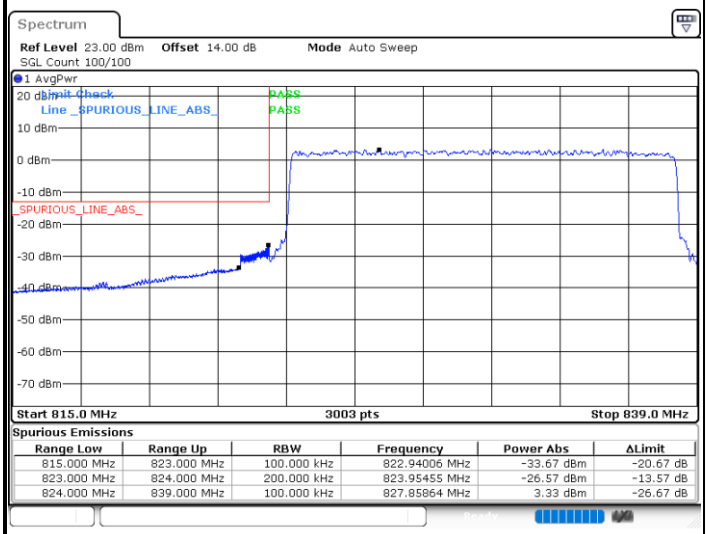


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
834.000 MHz	849.000 MHz	100.000 kHz	848.18332 MHz	21.96 dBm	-8.04 dB
849.000 MHz	850.000 MHz	200.000 kHz	849.00749 MHz	-21.56 dBm	-8.56 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-50.63 dBm	-37.63 dB

Date: 6.AUG.2024 03:20:33

Lowest Band Edge / Full RB

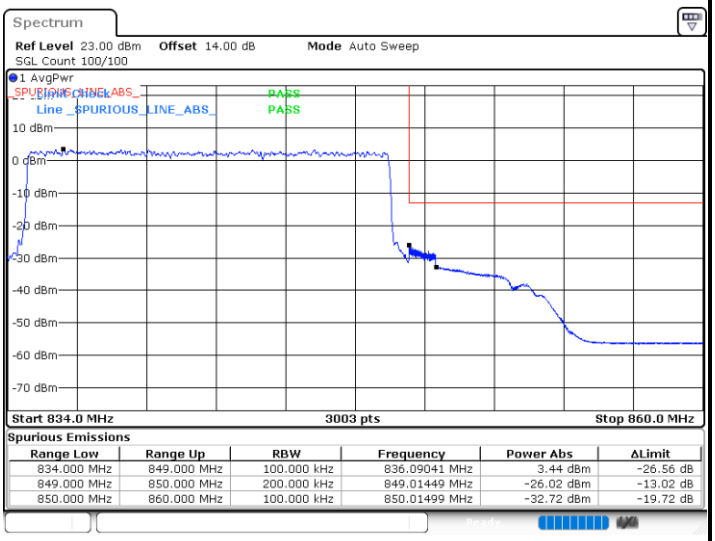


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.94006 MHz	-33.67 dBm	-20.67 dB
823.000 MHz	824.000 MHz	200.000 kHz	823.95455 MHz	-26.57 dBm	-13.57 dB
824.000 MHz	839.000 MHz	100.000 kHz	827.85864 MHz	3.33 dBm	-26.67 dB

Date: 6.AUG.2024 03:14:31

Highest Band Edge / Full RB



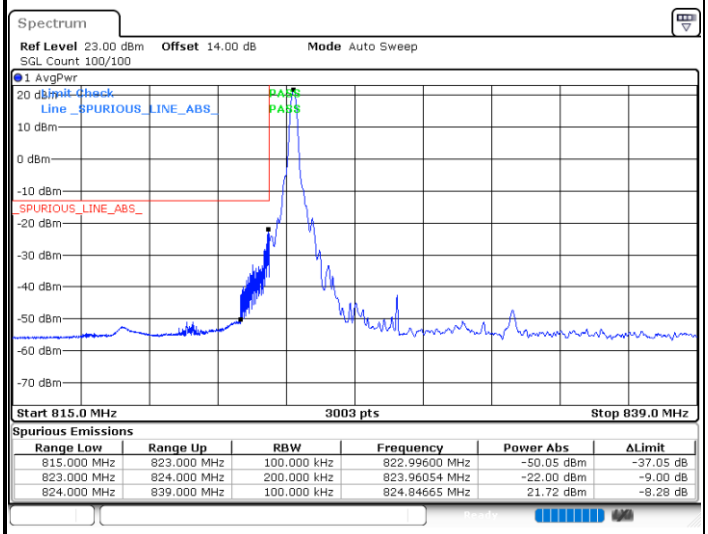
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
834.000 MHz	849.000 MHz	100.000 kHz	836.09041 MHz	3.44 dBm	-26.56 dB
849.000 MHz	850.000 MHz	200.000 kHz	849.01449 MHz	-26.02 dBm	-13.02 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-32.72 dBm	-19.72 dB

Date: 6.AUG.2024 03:25:15

LTE Band 26 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

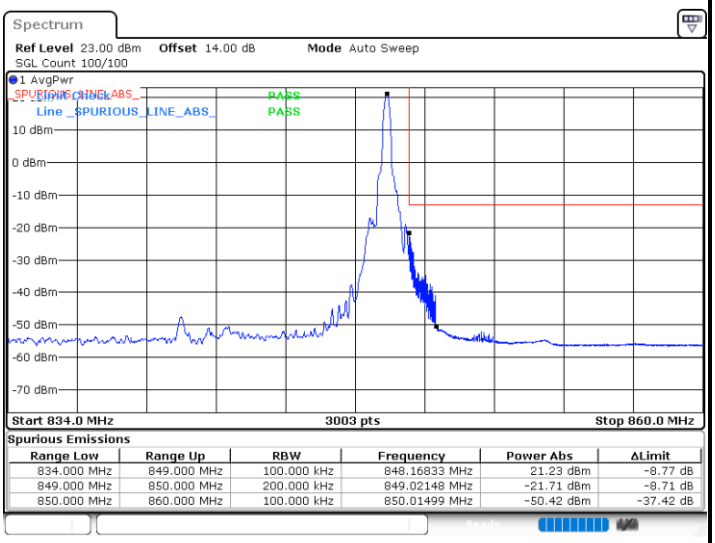


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-50.05 dBm	-37.05 dB
823.000 MHz	824.000 MHz	200.000 kHz	823.96054 MHz	-22.00 dBm	-9.00 dB
824.000 MHz	839.000 MHz	100.000 kHz	824.84665 MHz	21.72 dBm	-8.28 dB

Date: 6.AUG.2024 03:10:48

Highest Band Edge / 1 RB

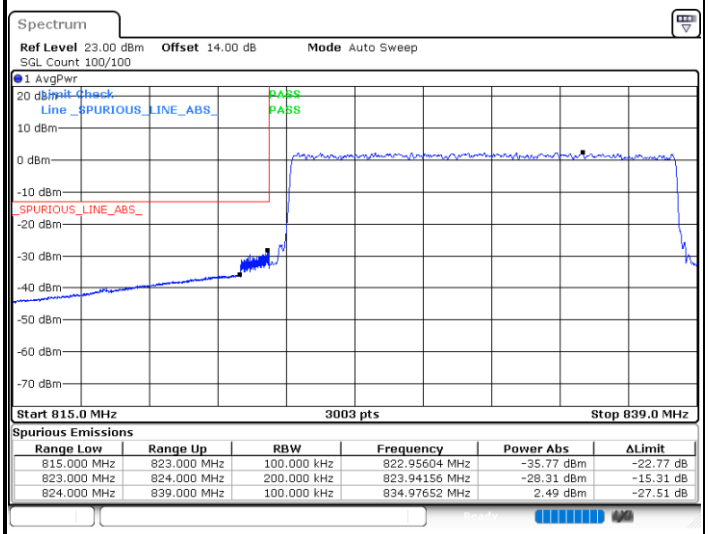


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
834.000 MHz	849.000 MHz	100.000 kHz	848.16833 MHz	21.23 dBm	-8.77 dB
849.000 MHz	850.000 MHz	200.000 kHz	849.02148 MHz	-21.71 dBm	-8.71 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-50.42 dBm	-37.42 dB

Date: 6.AUG.2024 03:21:30

Lowest Band Edge / Full RB

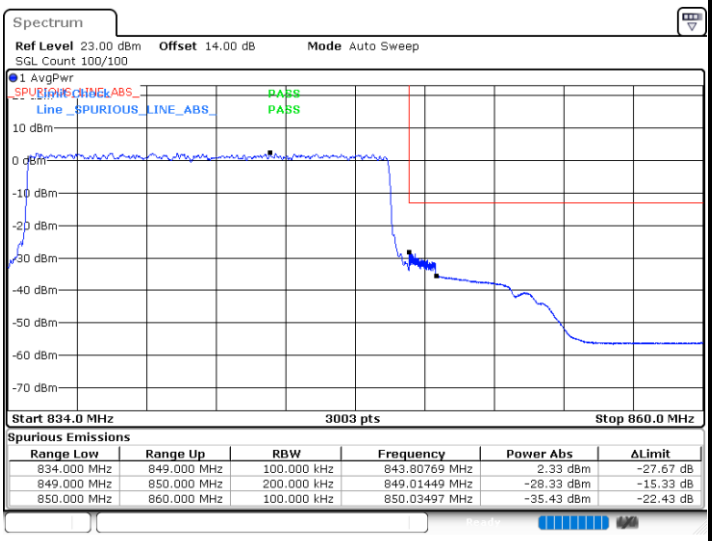


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.95604 MHz	-35.77 dBm	-22.77 dB
823.000 MHz	824.000 MHz	200.000 kHz	823.94156 MHz	-28.31 dBm	-15.31 dB
824.000 MHz	839.000 MHz	100.000 kHz	834.97652 MHz	2.49 dBm	-27.51 dB

Date: 6.AUG.2024 03:13:35

Highest Band Edge / Full RB



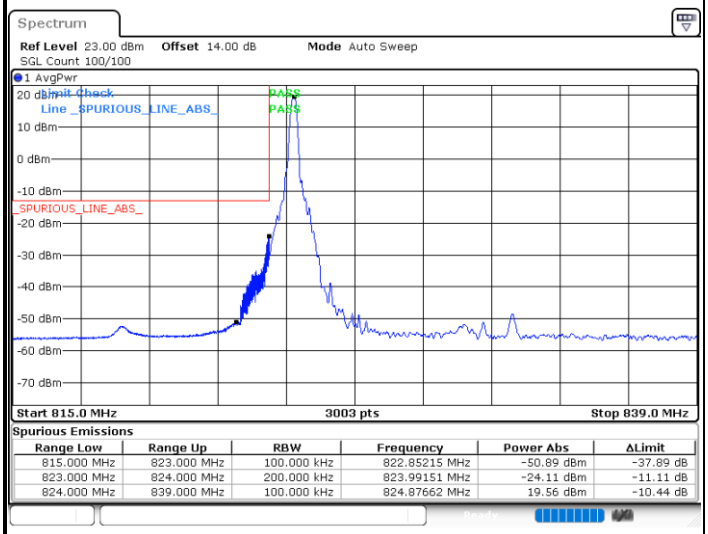
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
834.000 MHz	849.000 MHz	100.000 kHz	843.80769 MHz	2.33 dBm	-27.67 dB
849.000 MHz	850.000 MHz	200.000 kHz	849.01449 MHz	-28.33 dBm	-15.33 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.03497 MHz	-35.43 dBm	-22.43 dB

Date: 6.AUG.2024 03:24:18

LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

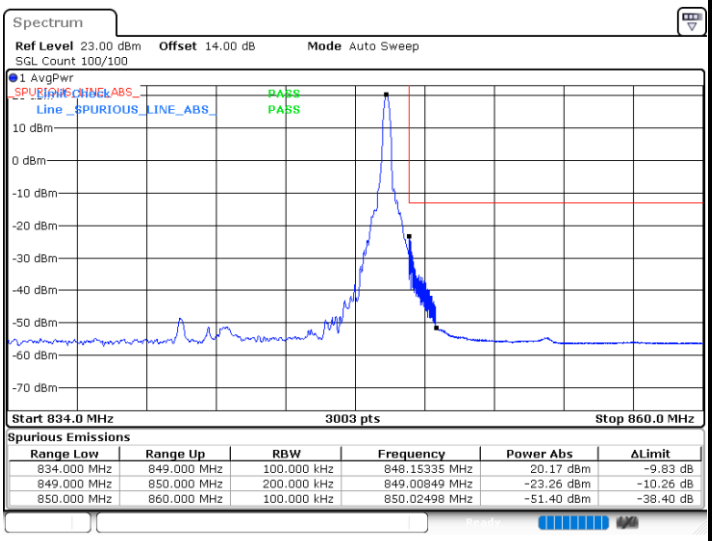


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.85215 MHz	-50.89 dBm	-37.89 dB
823.000 MHz	824.000 MHz	200.000 kHz	823.99151 MHz	-24.11 dBm	-11.11 dB
824.000 MHz	839.000 MHz	100.000 kHz	824.87662 MHz	19.56 dBm	-10.44 dB

Date: 6.AUG.2024 03:11:43

Highest Band Edge / 1 RB

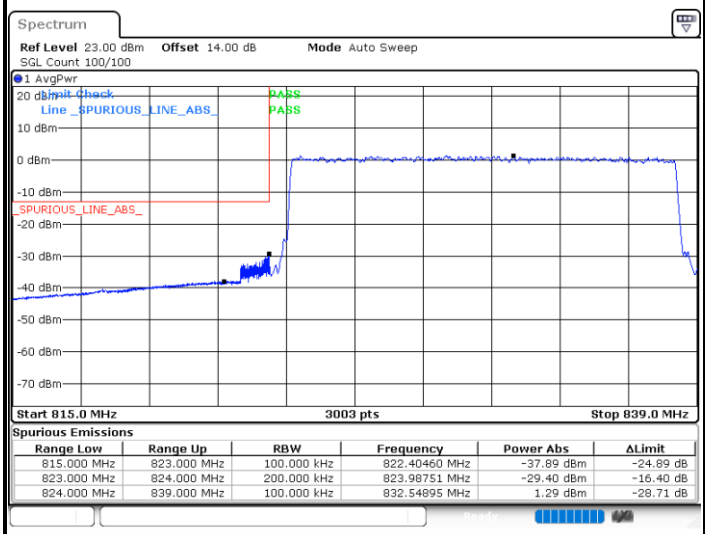


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
834.000 MHz	849.000 MHz	100.000 kHz	848.15335 MHz	20.17 dBm	-9.83 dB
849.000 MHz	850.000 MHz	200.000 kHz	849.00849 MHz	-23.26 dBm	-10.26 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.02498 MHz	-51.40 dBm	-38.40 dB

Date: 6.AUG.2024 03:22:26

Lowest Band Edge / Full RB

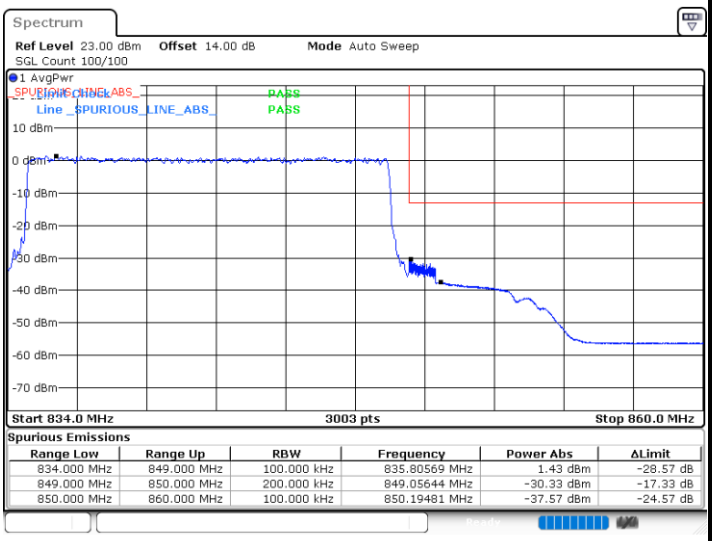


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.40460 MHz	-37.89 dBm	-24.89 dB
823.000 MHz	824.000 MHz	200.000 kHz	823.98751 MHz	-29.40 dBm	-16.40 dB
824.000 MHz	839.000 MHz	100.000 kHz	832.54895 MHz	1.29 dBm	-28.71 dB

Date: 6.AUG.2024 03:12:39

Highest Band Edge / Full RB



Spurious Emissions

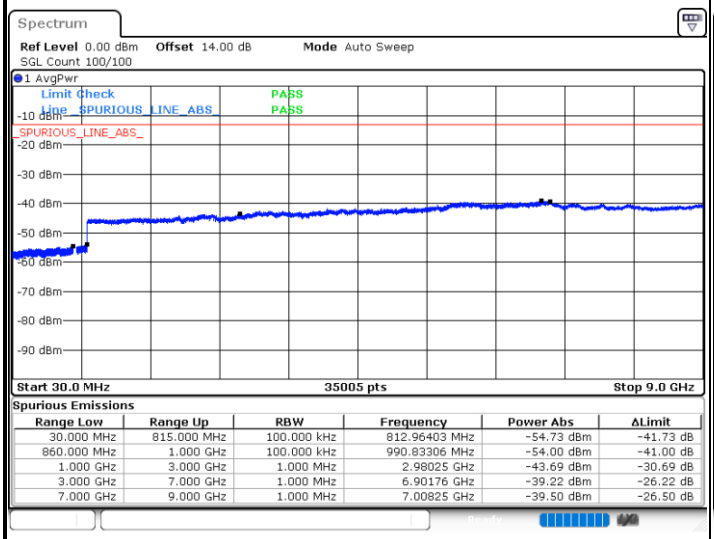
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
834.000 MHz	849.000 MHz	100.000 kHz	835.80569 MHz	1.43 dBm	-28.57 dB
849.000 MHz	850.000 MHz	200.000 kHz	849.05644 MHz	-30.33 dBm	-17.33 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.19481 MHz	-37.57 dBm	-24.57 dB

Date: 6.AUG.2024 03:23:22

Conducted Spurious Emission

LTE Band 26 / 1.4MHz

Lowest Channel / QPSK

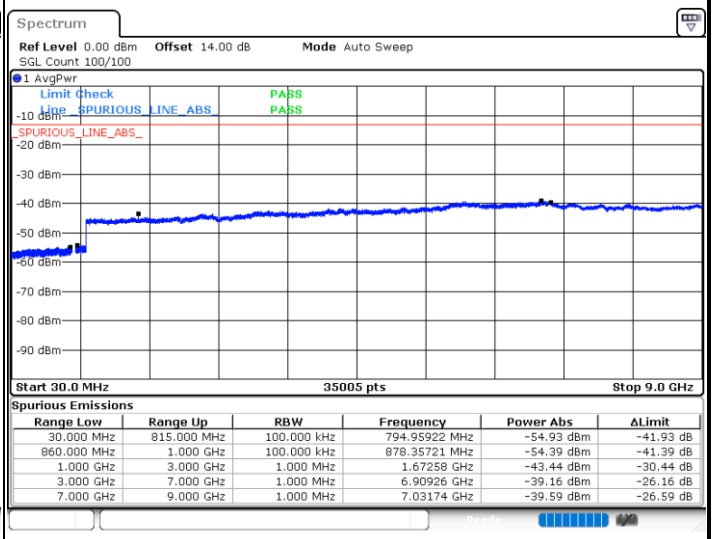


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.96403 MHz	-54.73 dBm	-41.73 dB
860.000 MHz	1.000 GHz	100.000 kHz	990.83306 MHz	-54.00 dBm	-41.00 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98025 GHz	-43.69 dBm	-30.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90176 GHz	-39.22 dBm	-26.22 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00825 GHz	-39.50 dBm	-26.50 dB

Date: 6.AUG.2024 02:05:35

Middle Channel / QPSK

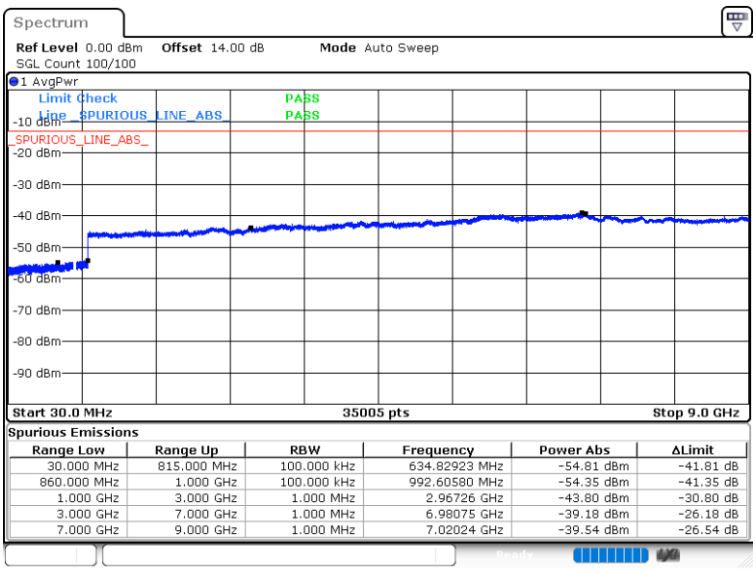


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	794.95922 MHz	-54.93 dBm	-41.93 dB
860.000 MHz	1.000 GHz	100.000 kHz	878.35721 MHz	-54.39 dBm	-41.39 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-43.44 dBm	-30.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90926 GHz	-39.16 dBm	-26.16 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.03174 GHz	-39.59 dBm	-26.59 dB

Date: 6.AUG.2024 02:06:45

Highest Channel / QPSK



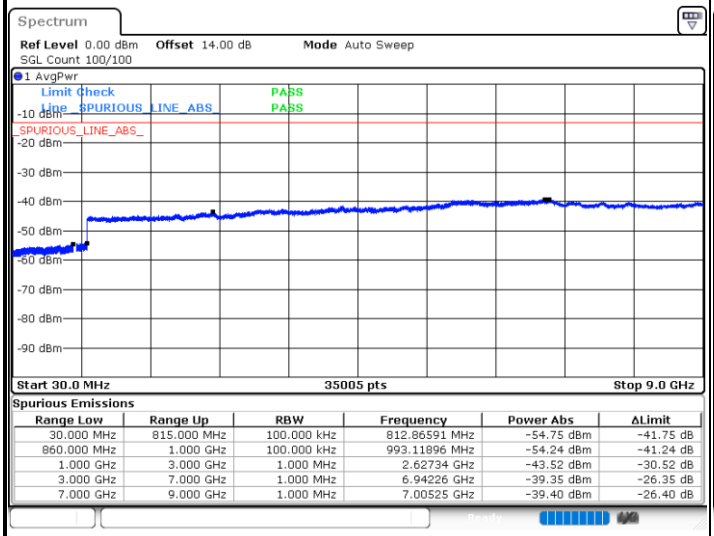
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	634.82923 MHz	-54.81 dBm	-41.81 dB
860.000 MHz	1.000 GHz	100.000 kHz	992.60580 MHz	-54.35 dBm	-41.35 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96726 GHz	-43.80 dBm	-30.80 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98075 GHz	-39.18 dBm	-26.18 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.02024 GHz	-39.54 dBm	-26.54 dB

Date: 6.AUG.2024 02:14:56

LTE Band 26 / 3MHz

Lowest Channel / QPSK

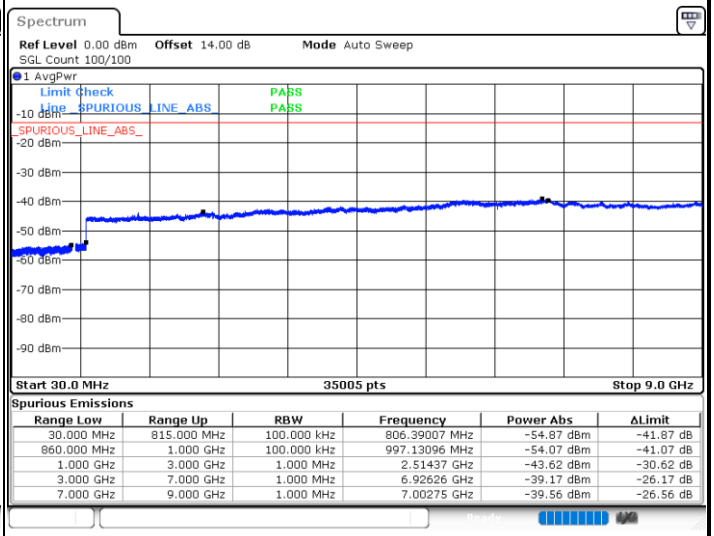


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.86591 MHz	-54.75 dBm	-41.75 dB
860.000 MHz	1.000 GHz	100.000 kHz	993.11896 MHz	-54.24 dBm	-41.24 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.62734 GHz	-43.52 dBm	-30.52 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94226 GHz	-39.35 dBm	-26.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00525 GHz	-39.40 dBm	-26.40 dB

Date: 6.AUG.2024 02:23:40

Middle Channel / QPSK

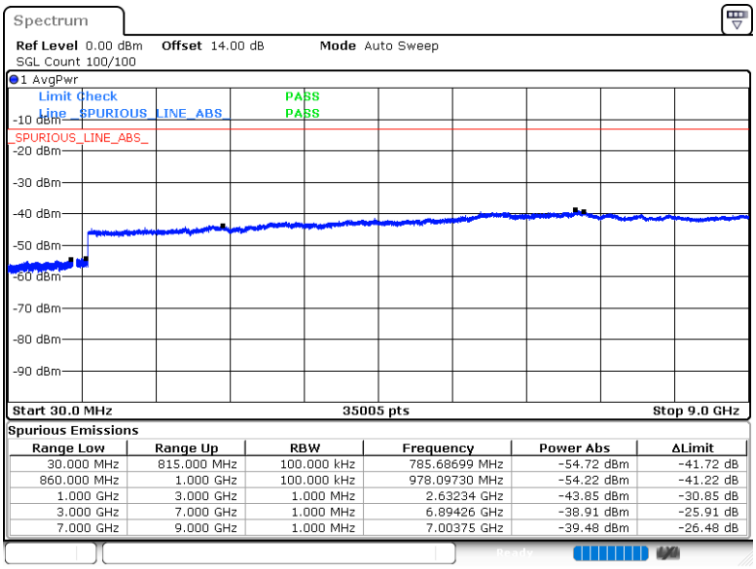


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	806.39007 MHz	-54.87 dBm	-41.87 dB
860.000 MHz	1.000 GHz	100.000 kHz	997.13096 MHz	-54.07 dBm	-41.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51437 GHz	-43.62 dBm	-30.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92626 GHz	-39.17 dBm	-26.17 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00275 GHz	-39.56 dBm	-26.56 dB

Date: 6.AUG.2024 02:24:51

Highest Channel / QPSK



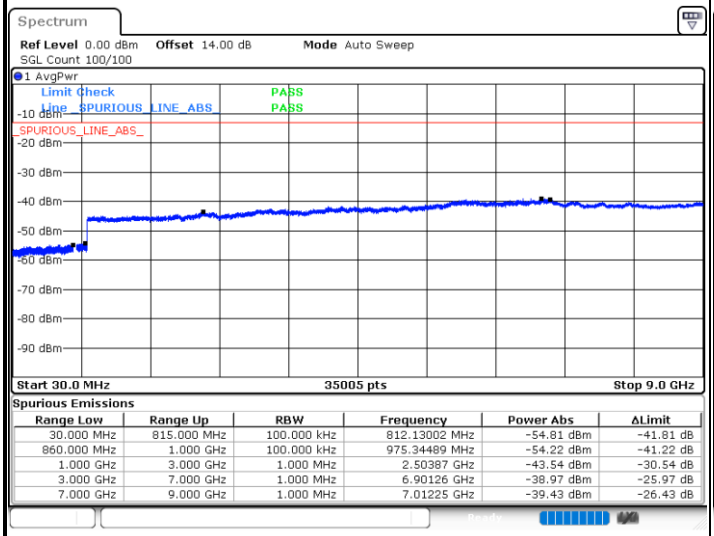
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	785.68699 MHz	-54.72 dBm	-41.72 dB
860.000 MHz	1.000 GHz	100.000 kHz	978.09730 MHz	-54.22 dBm	-41.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63234 GHz	-43.85 dBm	-30.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89426 GHz	-38.91 dBm	-25.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00375 GHz	-39.48 dBm	-26.48 dB

Date: 6.AUG.2024 02:33:01

LTE Band 26 / 5MHz

Lowest Channel / QPSK

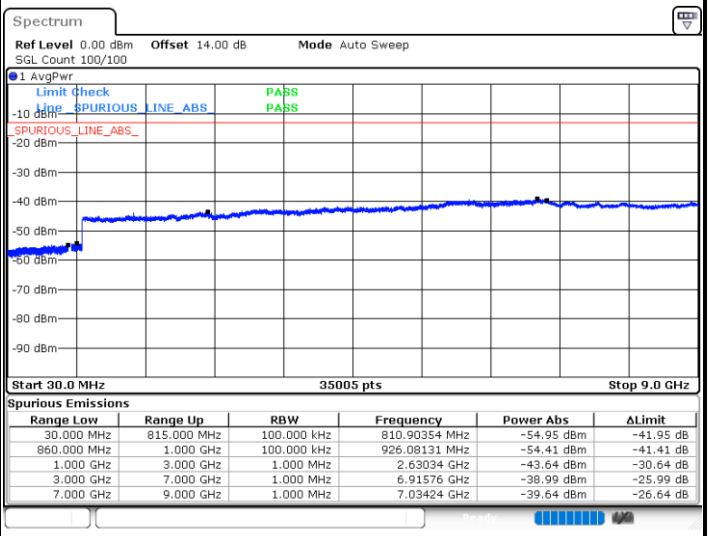


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.13002 MHz	-54.81 dBm	-41.81 dB
860.000 MHz	1.000 GHz	100.000 kHz	975.34489 MHz	-54.22 dBm	-41.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50387 GHz	-43.54 dBm	-30.54 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90126 GHz	-38.97 dBm	-25.97 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.01225 GHz	-39.43 dBm	-26.43 dB

Date: 6.AUG.2024 02:40:42

Middle Channel / QPSK

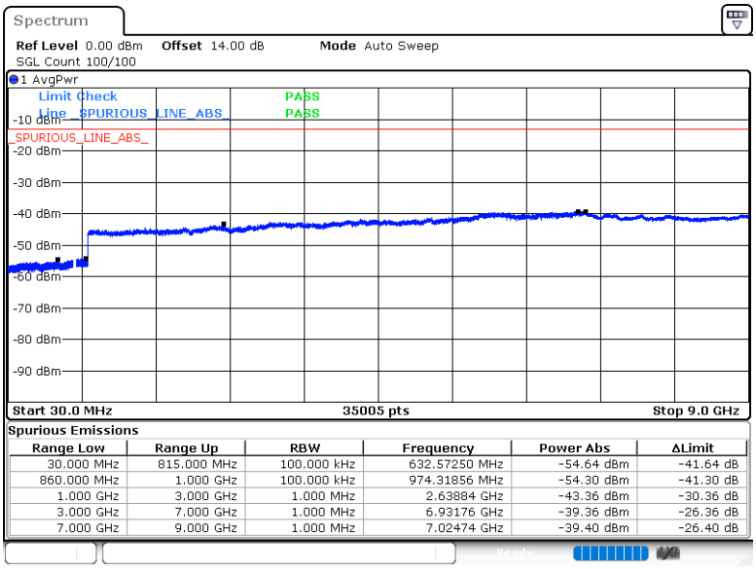


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.90354 MHz	-54.95 dBm	-41.95 dB
860.000 MHz	1.000 GHz	100.000 kHz	926.08131 MHz	-54.41 dBm	-41.41 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63034 GHz	-43.64 dBm	-30.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91576 GHz	-38.99 dBm	-25.99 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.03424 GHz	-39.64 dBm	-26.64 dB

Date: 6.AUG.2024 02:41:52

Highest Channel / QPSK



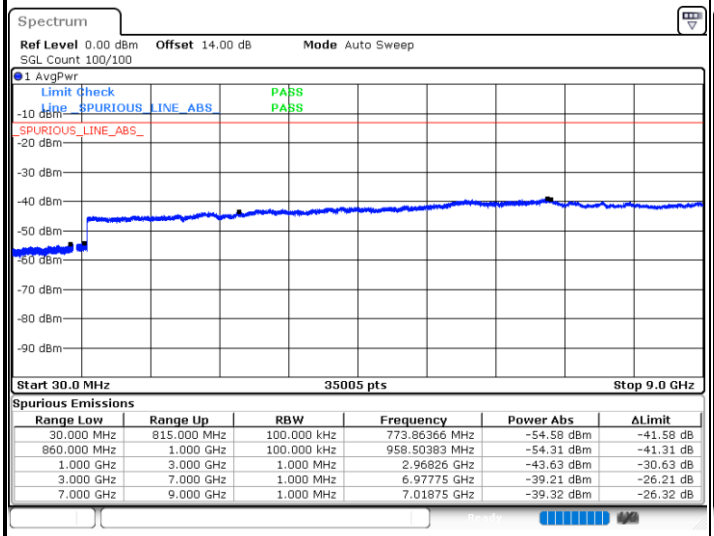
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	632.57250 MHz	-54.64 dBm	-41.64 dB
860.000 MHz	1.000 GHz	100.000 kHz	974.31856 MHz	-54.30 dBm	-41.30 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63884 GHz	-43.36 dBm	-30.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93176 GHz	-39.36 dBm	-26.36 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.02474 GHz	-39.40 dBm	-26.40 dB

Date: 6.AUG.2024 02:50:03

LTE Band 26 / 10MHz

Lowest Channel / QPSK

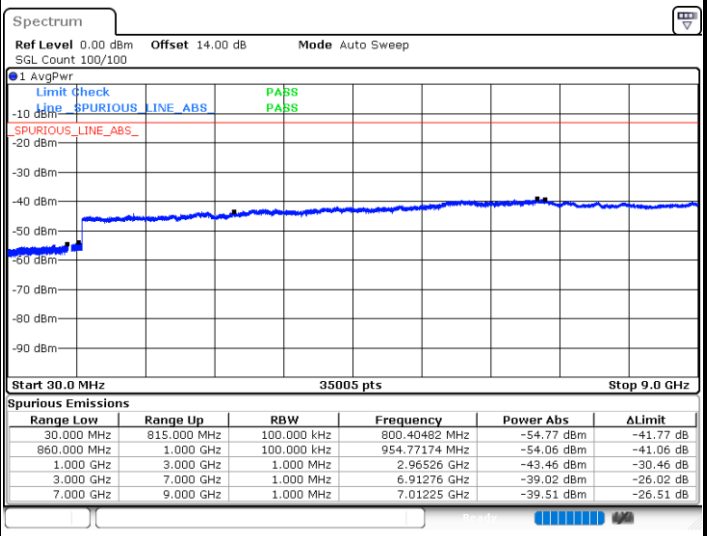


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	773.86366 MHz	-54.58 dBm	-41.58 dB
860.000 MHz	1.000 GHz	100.000 kHz	958.50383 MHz	-54.31 dBm	-41.31 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96826 GHz	-43.63 dBm	-30.63 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97775 GHz	-39.21 dBm	-26.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.01875 GHz	-39.32 dBm	-26.32 dB

Date: 6.AUG.2024 02:58:48

Middle Channel / QPSK

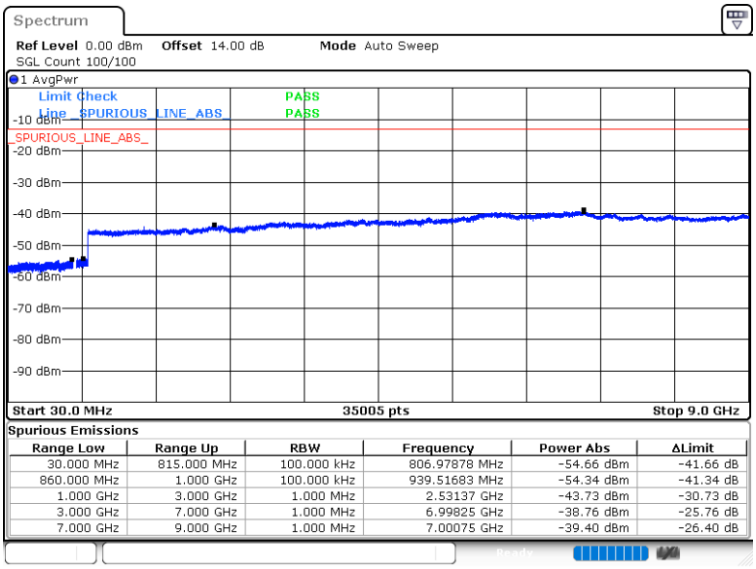


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	800.40482 MHz	-54.77 dBm	-41.77 dB
860.000 MHz	1.000 GHz	100.000 kHz	954.77174 MHz	-54.06 dBm	-41.06 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96526 GHz	-43.46 dBm	-30.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91276 GHz	-39.02 dBm	-26.02 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.01225 GHz	-39.51 dBm	-26.51 dB

Date: 6.AUG.2024 02:59:58

Highest Channel / QPSK



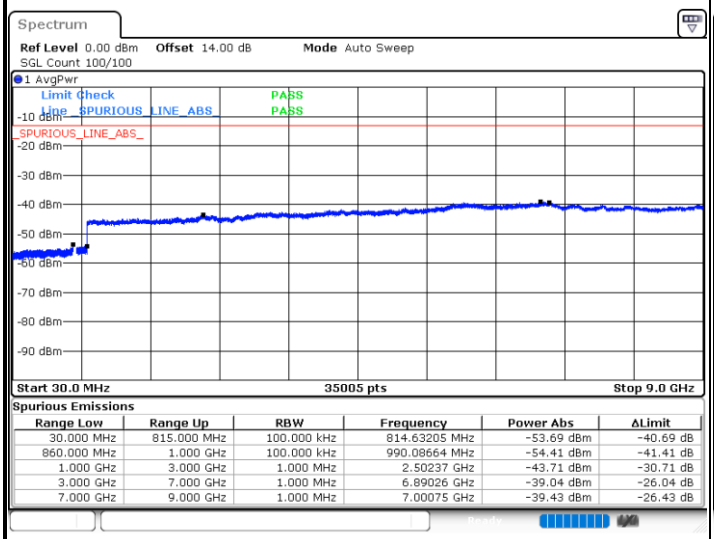
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	806.97878 MHz	-54.66 dBm	-41.66 dB
860.000 MHz	1.000 GHz	100.000 kHz	939.51683 MHz	-54.34 dBm	-41.34 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53137 GHz	-43.73 dBm	-30.73 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-38.76 dBm	-25.76 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00075 GHz	-39.40 dBm	-26.40 dB

Date: 6.AUG.2024 03:08:08

LTE Band 26 / 15MHz

Lowest Channel / QPSK

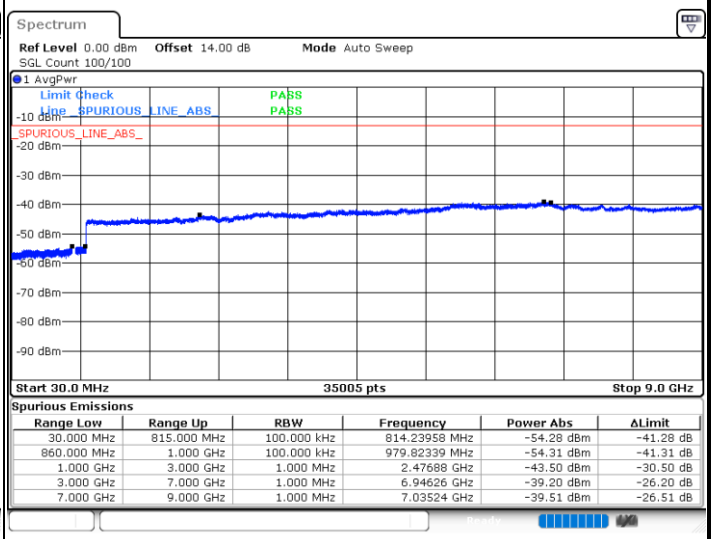


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.63205 MHz	-53.69 dBm	-40.69 dB
860.000 MHz	1.000 GHz	100.000 kHz	990.08664 MHz	-54.41 dBm	-41.41 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50237 GHz	-43.71 dBm	-30.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89026 GHz	-39.04 dBm	-26.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00075 GHz	-39.43 dBm	-26.43 dB

Date: 6.AUG.2024 03:15:41

Middle Channel / QPSK

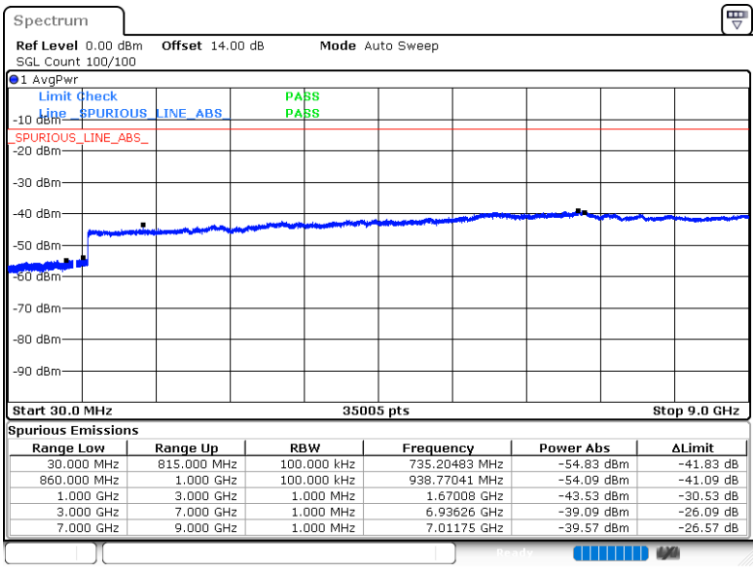


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.23958 MHz	-54.28 dBm	-41.28 dB
860.000 MHz	1.000 GHz	100.000 kHz	979.82339 MHz	-54.31 dBm	-41.31 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.47688 GHz	-43.50 dBm	-30.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94626 GHz	-39.20 dBm	-26.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.03524 GHz	-39.51 dBm	-26.51 dB

Date: 6.AUG.2024 03:16:51

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	735.20483 MHz	-54.83 dBm	-41.83 dB
860.000 MHz	1.000 GHz	100.000 kHz	938.77041 MHz	-54.09 dBm	-41.09 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67008 GHz	-43.53 dBm	-30.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93626 GHz	-39.09 dBm	-26.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.01175 GHz	-39.57 dBm	-26.57 dB

Date: 6.AUG.2024 03:26:26

Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0039	
0	Normal Voltage	0.0029	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0025	

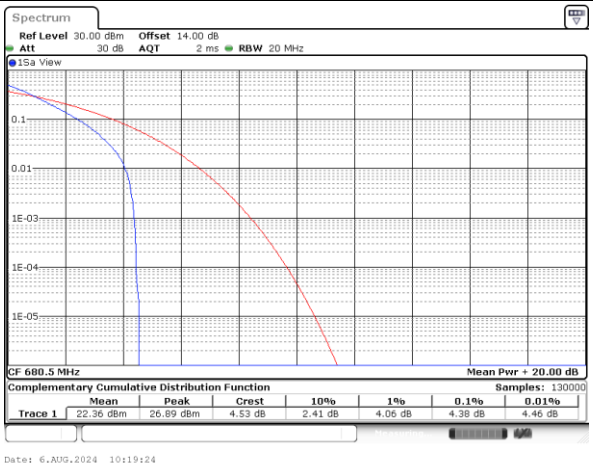
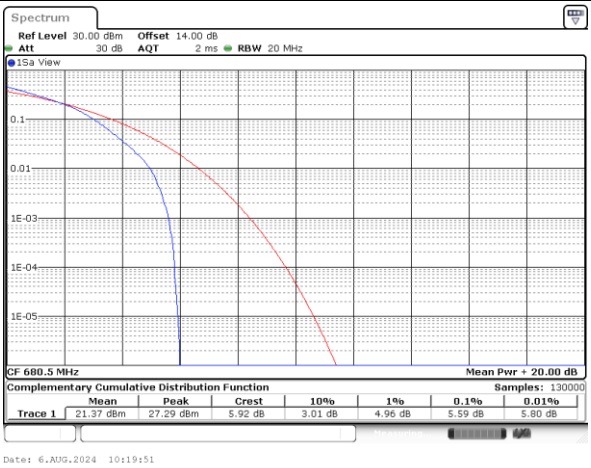
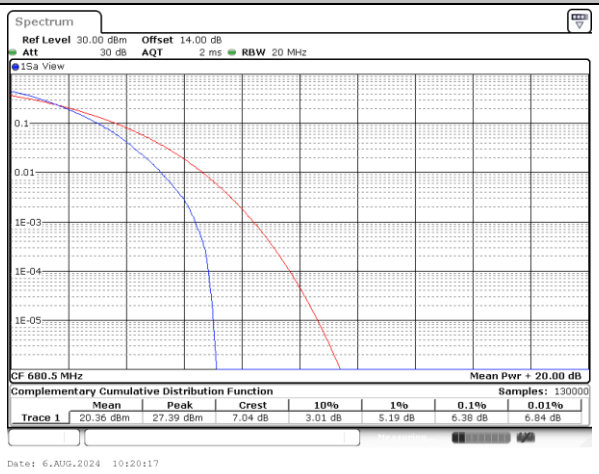
Note:

1. Normal Voltage = 8.0 V. ; Battery End Point (BEP) = 7.2 V. ; Maximum Voltage = 9.0 V.

LTE Band 71

Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.38	5.59	6.38	PASS

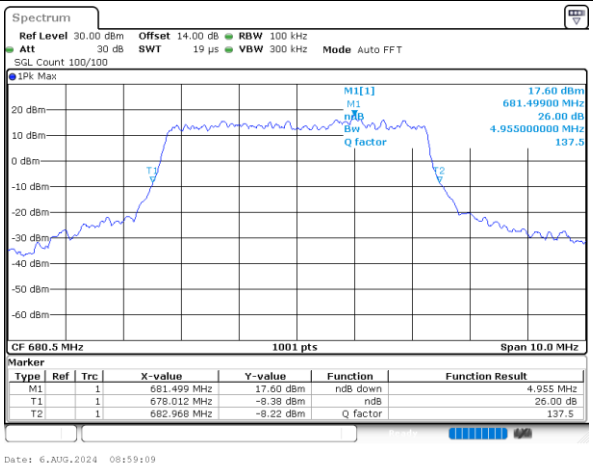
LTE Band 71 / 20MHz / QPSK	LTE Band 71 / 20MHz / 16QAM
Middle Channel / Full RB	**Middle Channel / Full RB**
	
LTE Band 71 / 20MHz / 64QAM	
Middle Channel / Full RB	
	

26dB Bandwidth

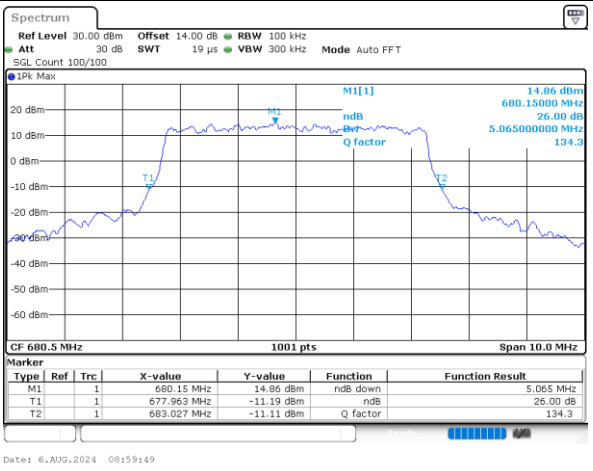
Mode	LTE Band 71 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.96	5.07	9.93	9.71	14.27	14.24	18.86	18.78

LTE Band 71

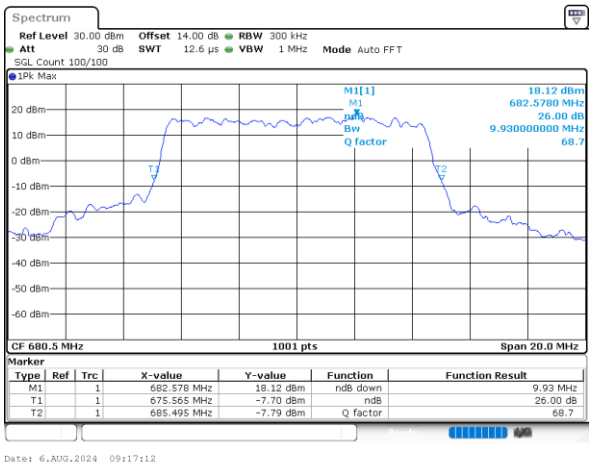
Middle Channel / 5MHz / QPSK



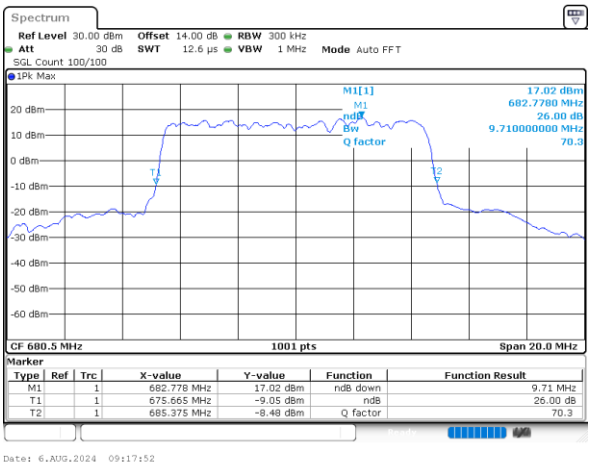
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK

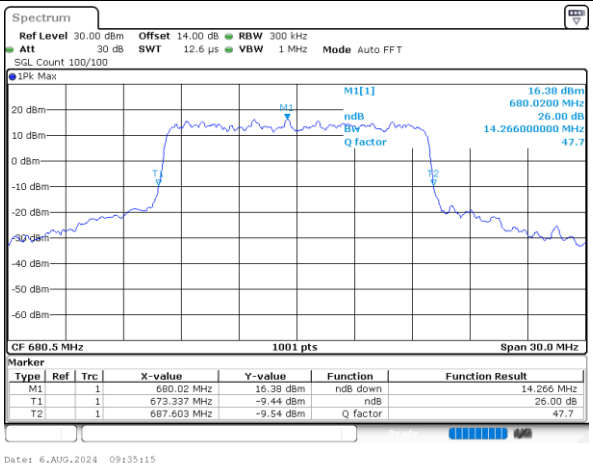


Middle Channel / 10MHz / 16QAM

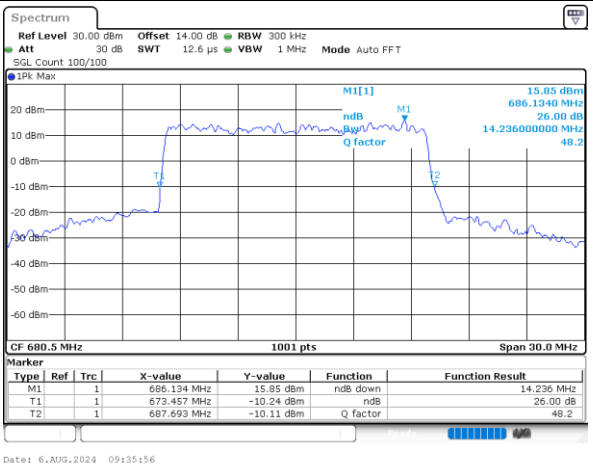


LTE Band 71

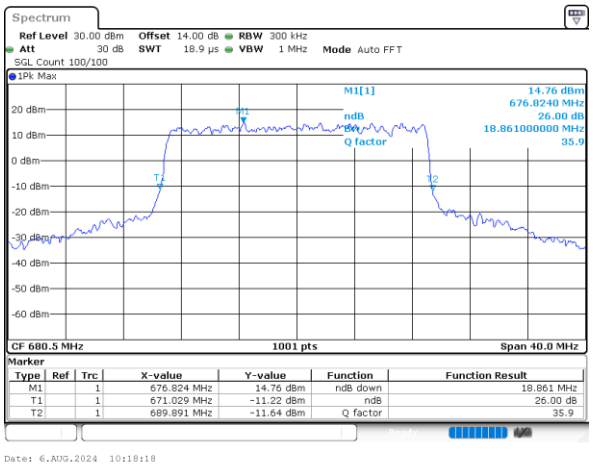
Middle Channel / 15MHz / QPSK



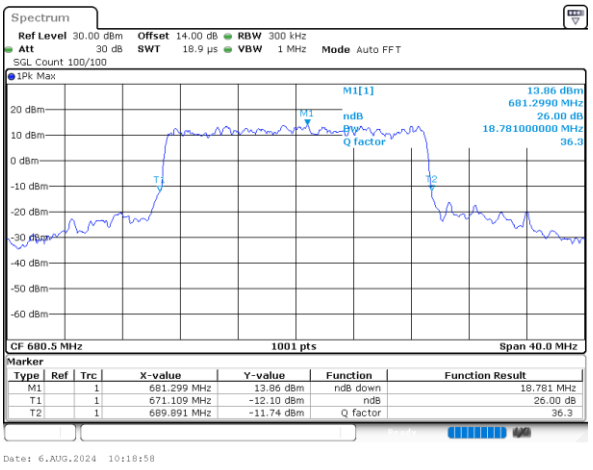
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

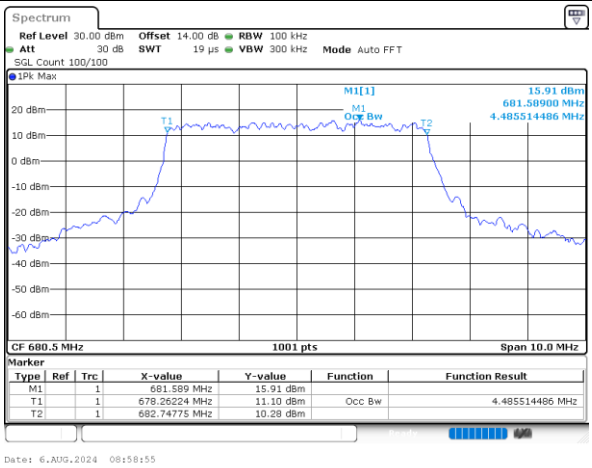


Occupied Bandwidth

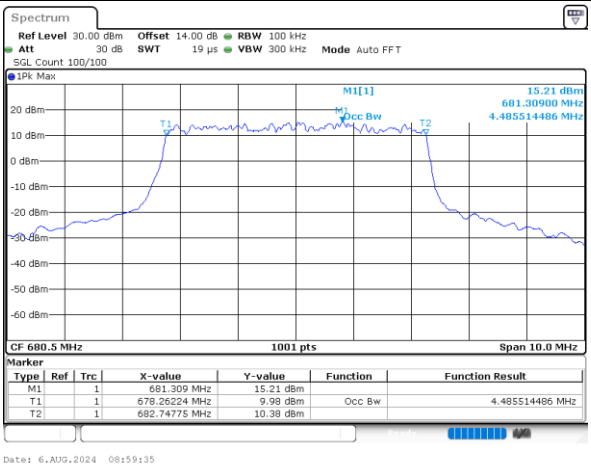
Mode	LTE Band 71 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.49	4.49	8.95	9.01	13.43	13.49	17.86	17.94

LTE Band 71

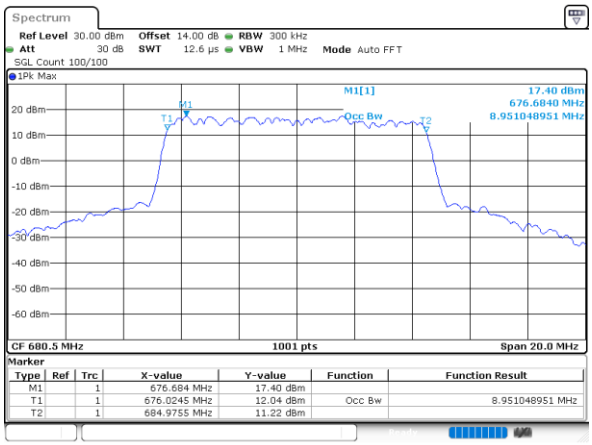
Middle Channel / 5MHz / QPSK



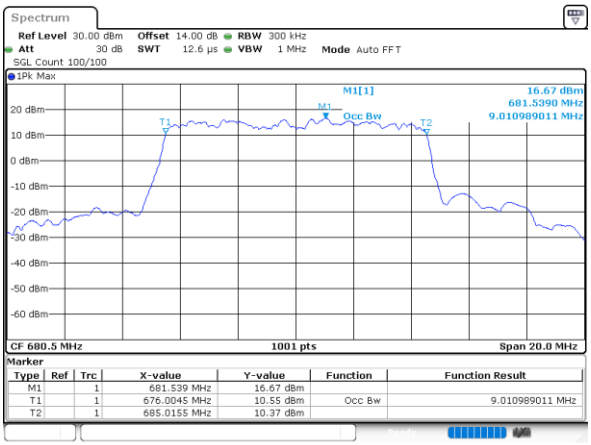
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK

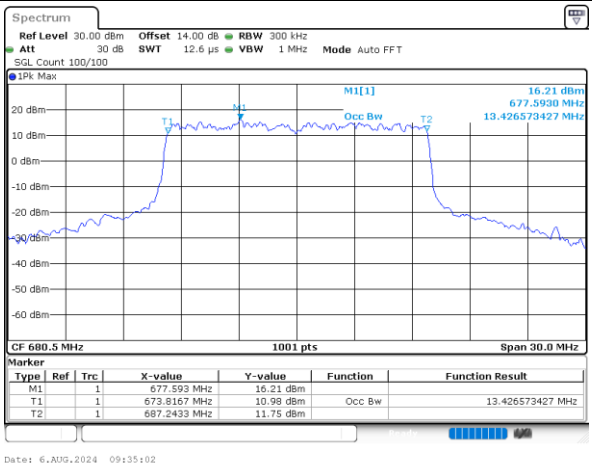


Middle Channel / 10MHz / 16QAM

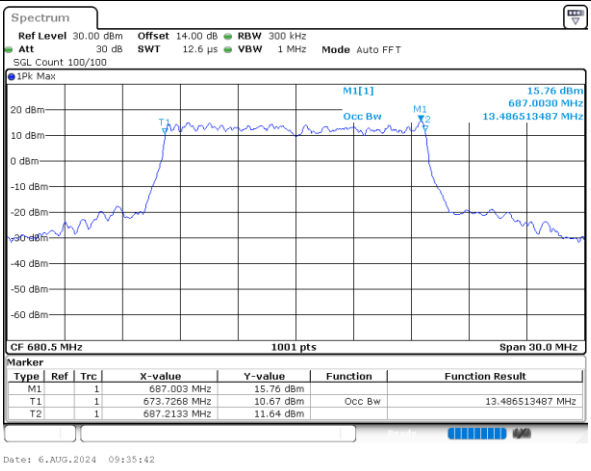


LTE Band 71

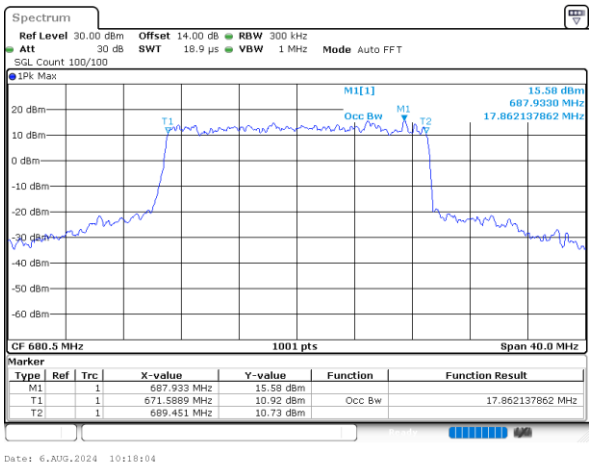
Middle Channel / 15MHz / QPSK



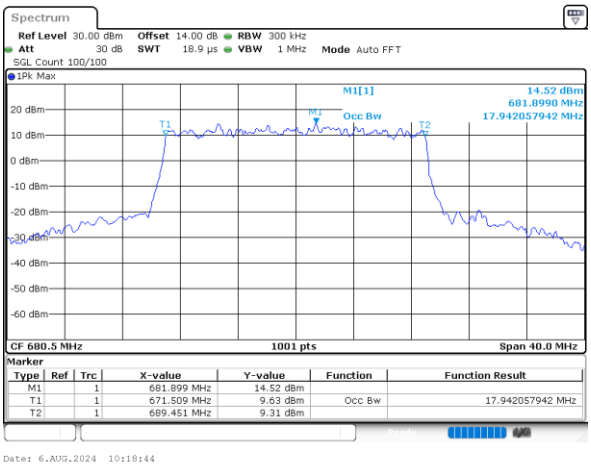
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



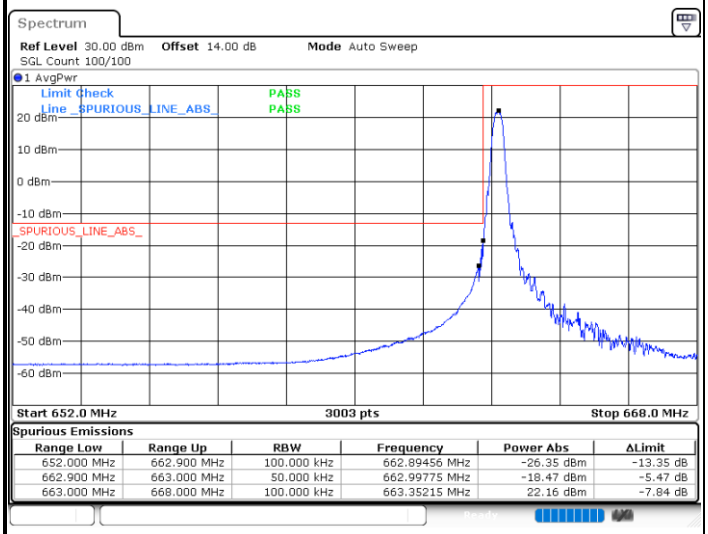
Middle Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 71 / 5MHz / QPSK

Lowest Band Edge / 1 RB

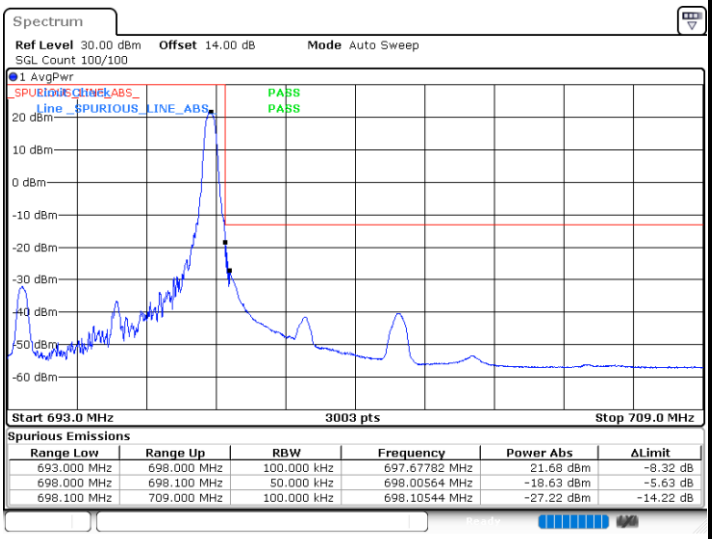


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.900 MHz	100.000 kHz	662.89456 MHz	-26.35 dBm	-13.35 dB
662.900 MHz	663.000 MHz	50.000 kHz	662.99775 MHz	-18.47 dBm	-5.47 dB
663.000 MHz	668.000 MHz	100.000 kHz	663.35215 MHz	22.16 dBm	-7.84 dB

Date: 6.AUG.2024 08:51:27

Highest Band Edge / 1 RB

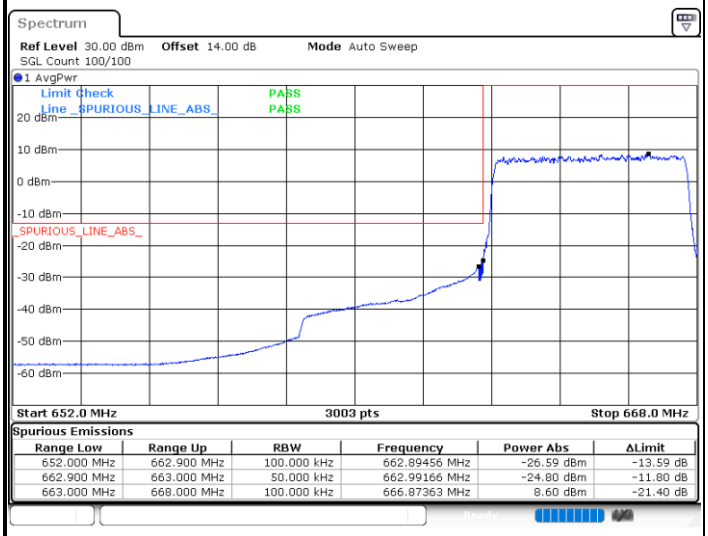


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	697.67782 MHz	21.68 dBm	-8.32 dB
698.000 MHz	698.100 MHz	50.000 kHz	698.00564 MHz	-18.63 dBm	-5.63 dB
698.100 MHz	709.000 MHz	100.000 kHz	698.10544 MHz	-27.22 dBm	-14.22 dB

Date: 6.AUG.2024 09:00:45

Lowest Band Edge / Full RB

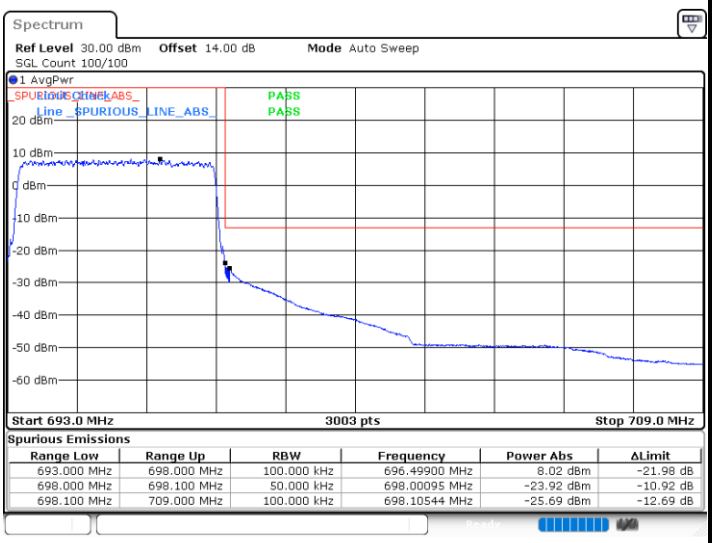


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.900 MHz	100.000 kHz	662.89456 MHz	-26.59 dBm	-13.59 dB
662.900 MHz	663.000 MHz	50.000 kHz	662.99166 MHz	-24.80 dBm	-11.80 dB
663.000 MHz	668.000 MHz	100.000 kHz	666.87363 MHz	8.60 dBm	-21.40 dB

Date: 6.AUG.2024 08:54:15

Highest Band Edge / Full RB



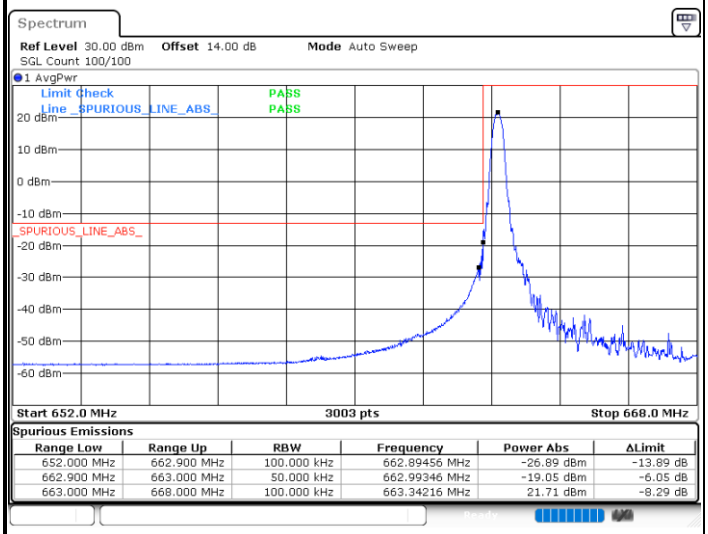
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	696.49900 MHz	8.02 dBm	-21.98 dB
698.000 MHz	698.100 MHz	50.000 kHz	698.00095 MHz	-23.92 dBm	-10.92 dB
698.100 MHz	709.000 MHz	100.000 kHz	698.10544 MHz	-25.69 dBm	-12.69 dB

Date: 6.AUG.2024 09:03:33

LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1RB

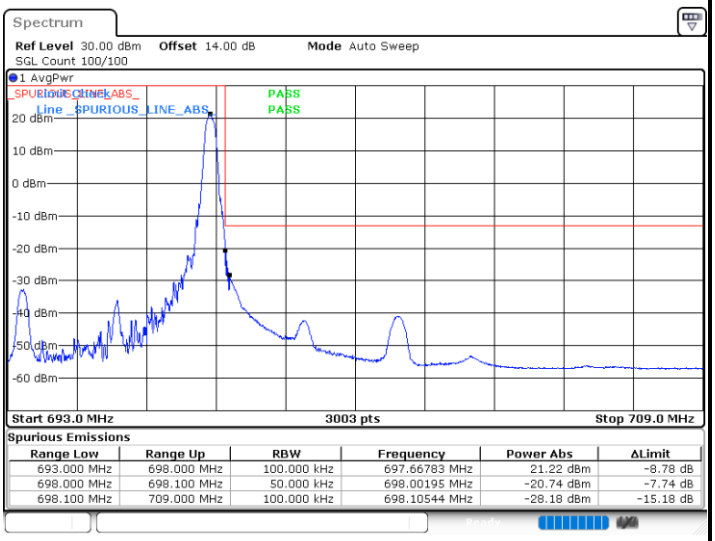


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.900 MHz	100.000 kHz	662.89456 MHz	-26.89 dBm	-13.89 dB
662.900 MHz	663.000 MHz	50.000 kHz	662.99346 MHz	-19.05 dBm	-6.05 dB
663.000 MHz	668.000 MHz	100.000 kHz	663.34216 MHz	21.71 dBm	-8.29 dB

Date: 6.AUG.2024 08:52:23

Highest Band Edge / 1 RB

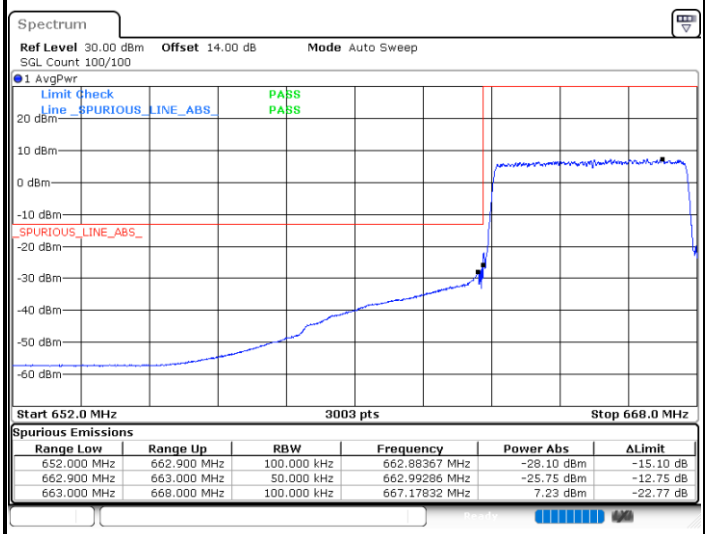


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	697.66783 MHz	21.22 dBm	-8.78 dB
698.000 MHz	698.100 MHz	50.000 kHz	698.00195 MHz	-20.74 dBm	-7.74 dB
698.100 MHz	709.000 MHz	100.000 kHz	698.10544 MHz	-28.18 dBm	-15.18 dB

Date: 6.AUG.2024 09:01:41

Lowest Band Edge / Full RB

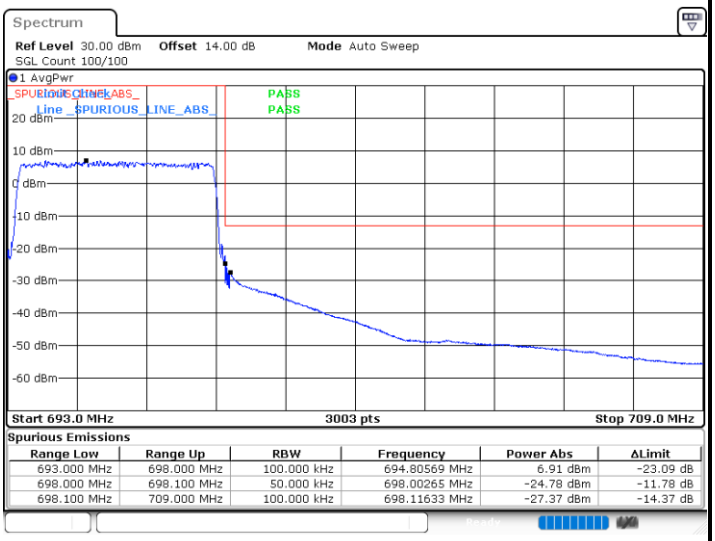


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.900 MHz	100.000 kHz	662.88367 MHz	-28.10 dBm	-15.10 dB
662.900 MHz	663.000 MHz	50.000 kHz	662.99286 MHz	-25.75 dBm	-12.75 dB
663.000 MHz	668.000 MHz	100.000 kHz	667.17832 MHz	7.23 dBm	-22.77 dB

Date: 6.AUG.2024 08:55:12

Highest Band Edge / Full RB



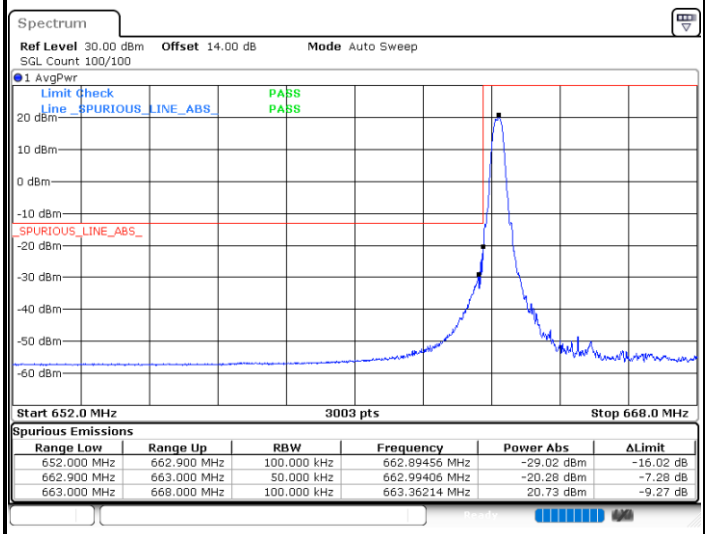
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	694.80569 MHz	6.91 dBm	-23.09 dB
698.000 MHz	698.100 MHz	50.000 kHz	698.00265 MHz	-24.78 dBm	-11.78 dB
698.100 MHz	709.000 MHz	100.000 kHz	698.11633 MHz	-27.37 dBm	-14.37 dB

Date: 6.AUG.2024 09:04:30

LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB

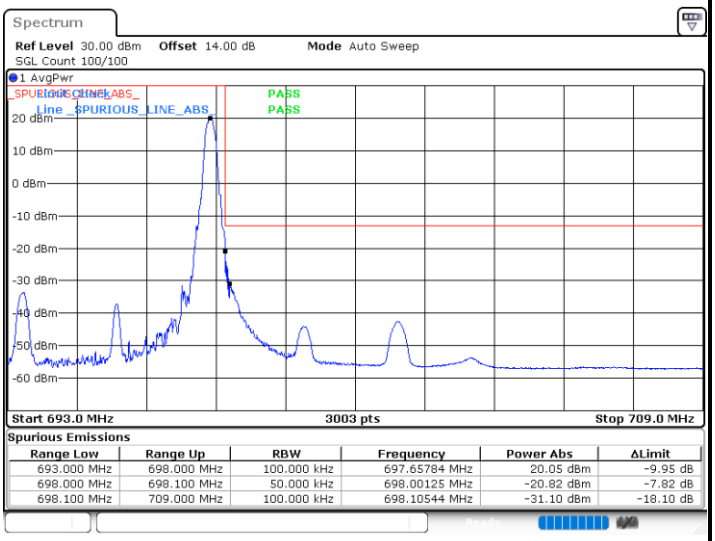


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.900 MHz	100.000 kHz	662.89456 MHz	-29.02 dBm	-16.02 dB
662.900 MHz	663.000 MHz	50.000 kHz	662.99406 MHz	-20.28 dBm	-7.28 dB
663.000 MHz	668.000 MHz	100.000 kHz	663.36214 MHz	20.73 dBm	-9.27 dB

Date: 6.AUG.2024 08:53:19

Highest Band Edge / 1 RB

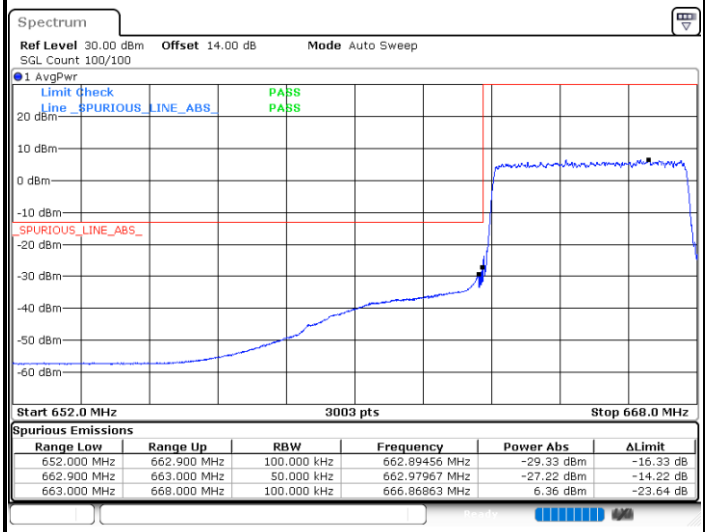


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	697.65784 MHz	20.05 dBm	-9.95 dB
698.000 MHz	698.100 MHz	50.000 kHz	698.00125 MHz	-20.82 dBm	-7.82 dB
698.100 MHz	709.000 MHz	100.000 kHz	698.10544 MHz	-31.10 dBm	-18.10 dB

Date: 6.AUG.2024 09:02:37

Lowest Band Edge / Full RB

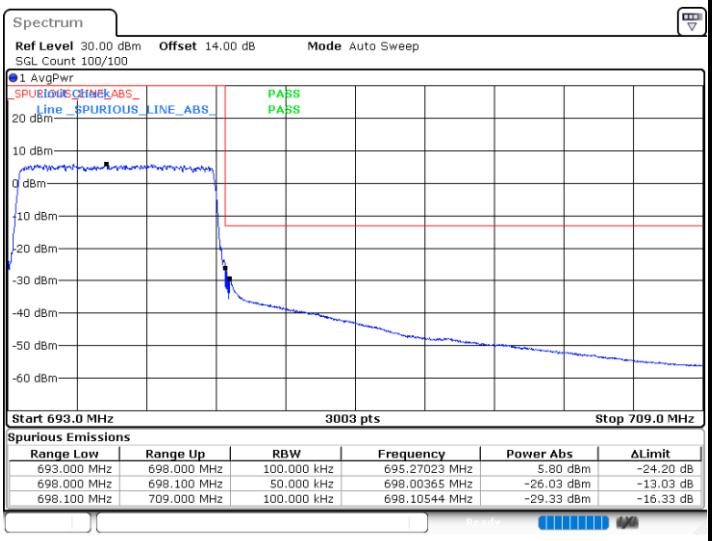


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.900 MHz	100.000 kHz	662.89456 MHz	-29.33 dBm	-16.33 dB
662.900 MHz	663.000 MHz	50.000 kHz	662.97967 MHz	-27.22 dBm	-14.22 dB
663.000 MHz	668.000 MHz	100.000 kHz	666.86863 MHz	6.36 dBm	-23.64 dB

Date: 6.AUG.2024 08:56:08

Highest Band Edge / Full RB



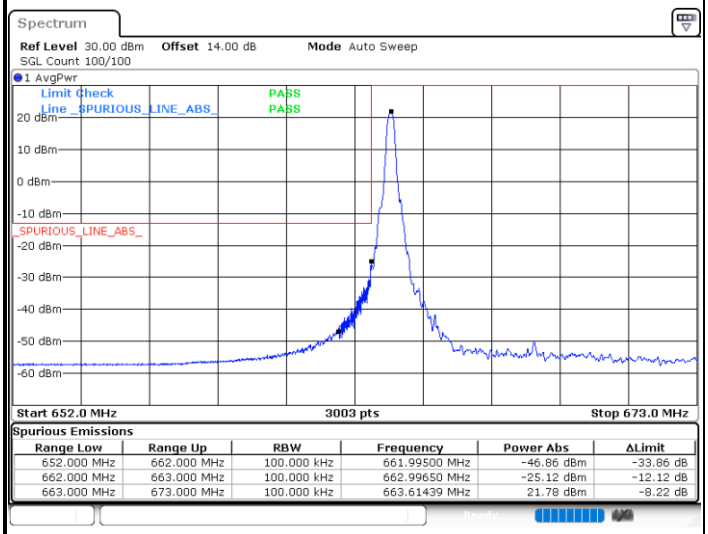
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	695.27023 MHz	5.80 dBm	-24.20 dB
698.000 MHz	698.100 MHz	50.000 kHz	698.00365 MHz	-26.03 dBm	-13.03 dB
698.100 MHz	709.000 MHz	100.000 kHz	698.10544 MHz	-29.33 dBm	-16.33 dB

Date: 6.AUG.2024 09:05:26

LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB

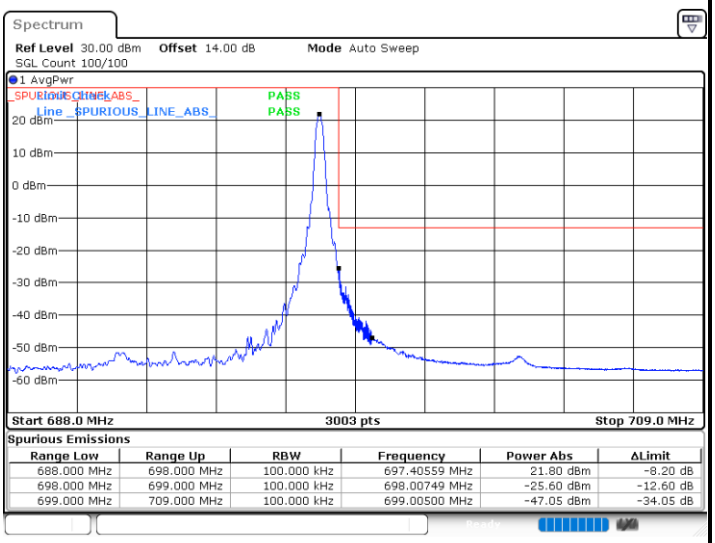


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-46.86 dBm	-33.86 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99650 MHz	-25.12 dBm	-12.12 dB
663.000 MHz	673.000 MHz	100.000 kHz	663.61439 MHz	21.78 dBm	-8.22 dB

Date: 6.AUG.2024 09:09:29

Highest Band Edge / 1 RB

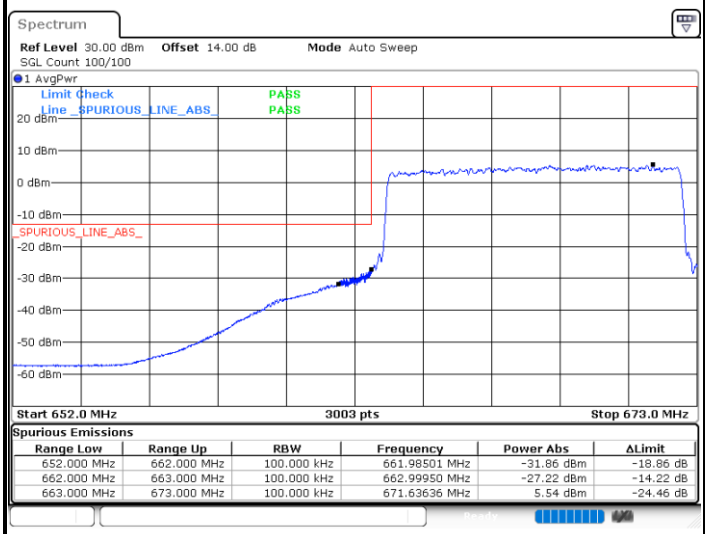


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	697.40559 MHz	21.80 dBm	-8.20 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00749 MHz	-25.60 dBm	-12.60 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-47.05 dBm	-34.05 dB

Date: 6.AUG.2024 09:18:47

Lowest Band Edge / Full RB

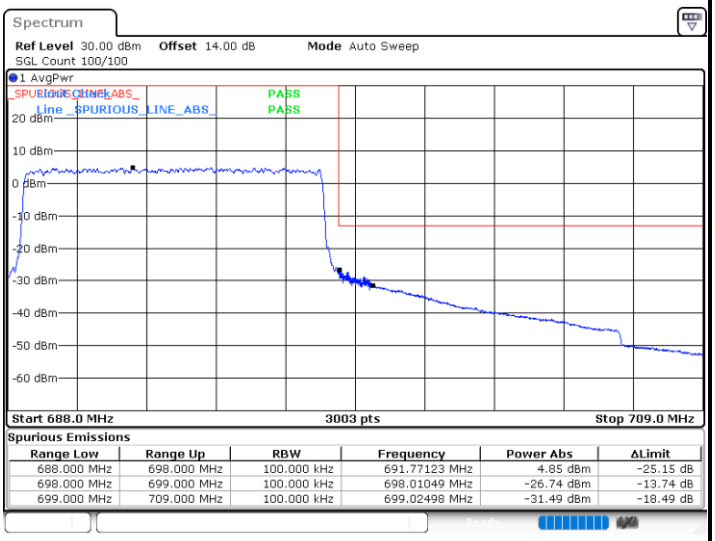


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.98501 MHz	-31.86 dBm	-18.86 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99950 MHz	-27.22 dBm	-14.22 dB
663.000 MHz	673.000 MHz	100.000 kHz	671.63636 MHz	5.54 dBm	-24.46 dB

Date: 6.AUG.2024 09:12:18

Highest Band Edge / Full RB



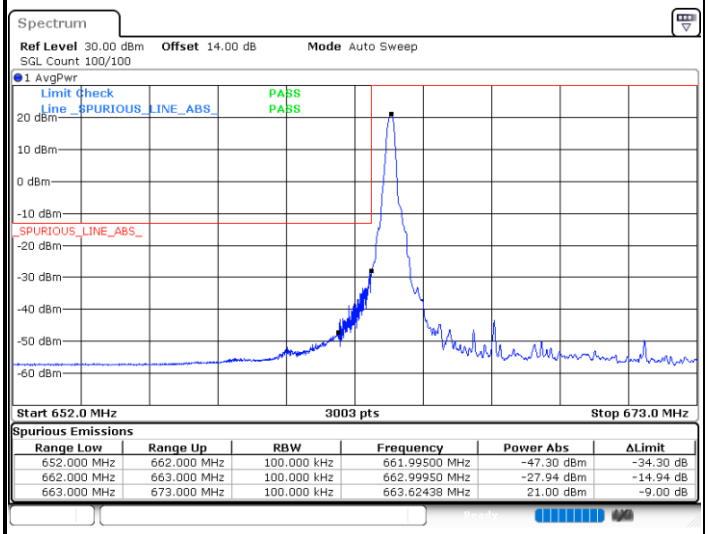
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	691.77123 MHz	4.85 dBm	-25.15 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.01049 MHz	-26.74 dBm	-13.74 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.02498 MHz	-31.49 dBm	-18.49 dB

Date: 6.AUG.2024 09:21:36

LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1RB

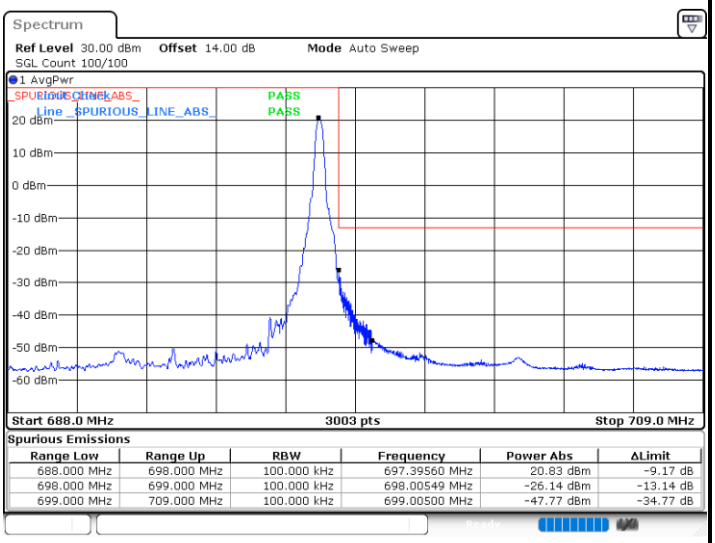


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-47.30 dBm	-34.30 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99950 MHz	-27.94 dBm	-14.94 dB
663.000 MHz	673.000 MHz	100.000 kHz	663.62438 MHz	21.00 dBm	-9.00 dB

Date: 6.AUG.2024 09:10:25

Highest Band Edge / 1 RB

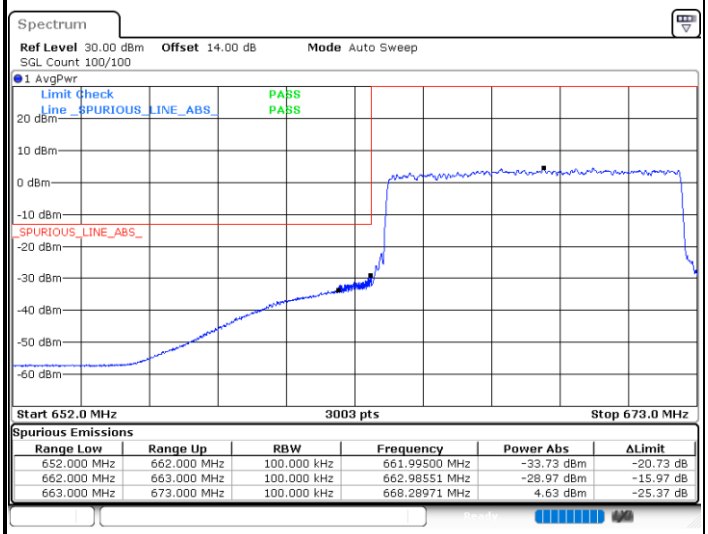


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	697.39560 MHz	20.83 dBm	-9.17 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00549 MHz	-26.14 dBm	-13.14 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-47.77 dBm	-34.77 dB

Date: 6.AUG.2024 09:19:44

Lowest Band Edge / Full RB

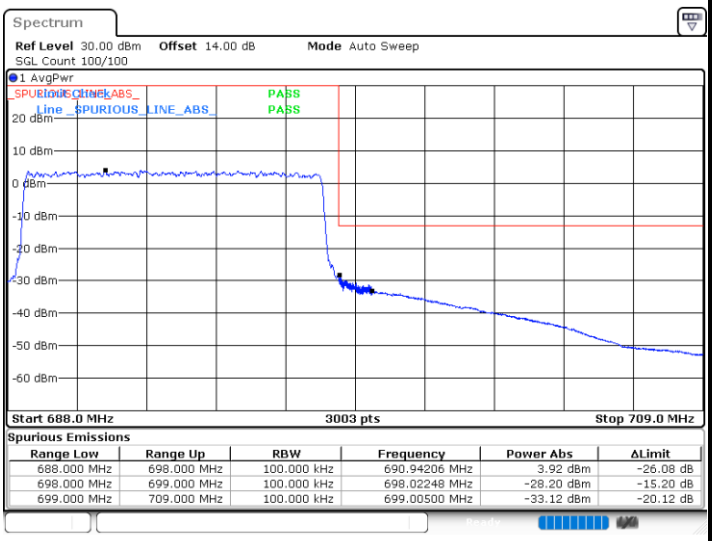


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-33.73 dBm	-20.73 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.98551 MHz	-28.97 dBm	-15.97 dB
663.000 MHz	673.000 MHz	100.000 kHz	668.28971 MHz	4.63 dBm	-25.37 dB

Date: 6.AUG.2024 09:13:14

Highest Band Edge / Full RB



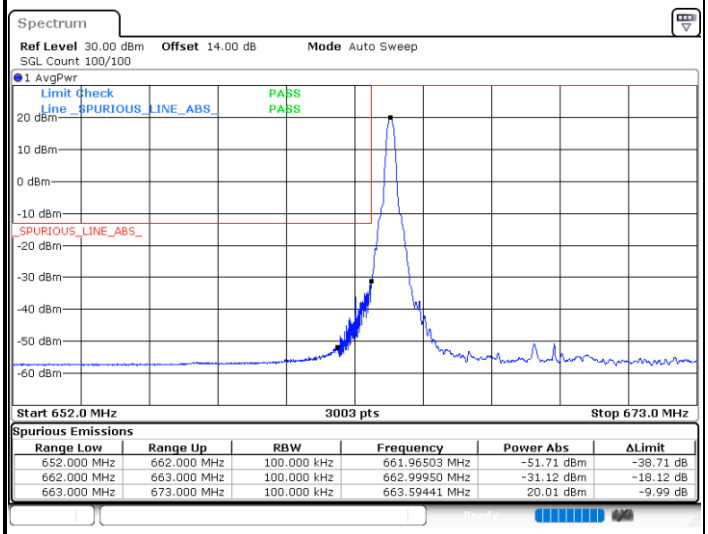
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	690.94206 MHz	3.92 dBm	-26.08 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.02248 MHz	-28.20 dBm	-15.20 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-33.12 dBm	-20.12 dB

Date: 6.AUG.2024 09:22:33

LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1RB

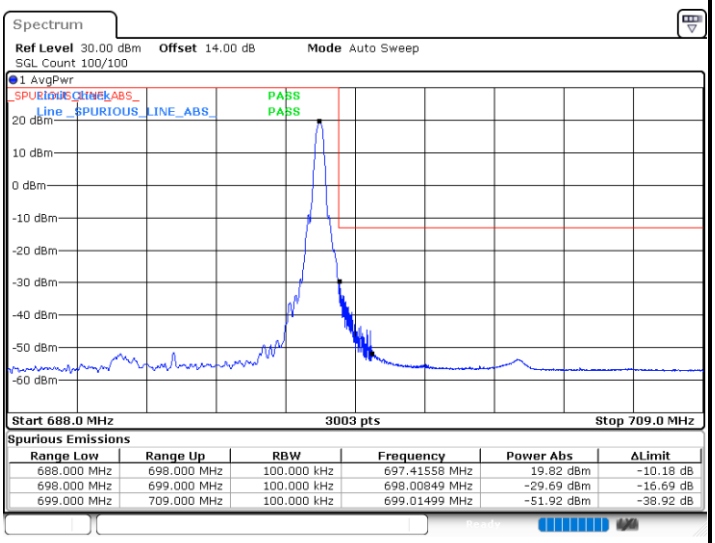


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.96503 MHz	-51.71 dBm	-38.71 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99950 MHz	-31.12 dBm	-18.12 dB
663.000 MHz	673.000 MHz	100.000 kHz	663.59441 MHz	20.01 dBm	-9.99 dB

Date: 6.AUG.2024 09:11:21

Highest Band Edge / 1 RB

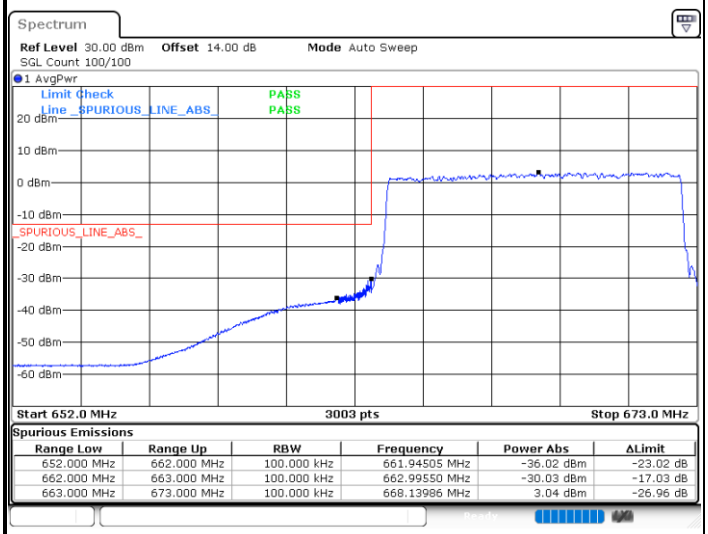


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	697.41558 MHz	19.82 dBm	-10.18 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00849 MHz	-29.69 dBm	-16.69 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.01499 MHz	-51.92 dBm	-38.92 dB

Date: 6.AUG.2024 09:20:40

Lowest Band Edge / Full RB

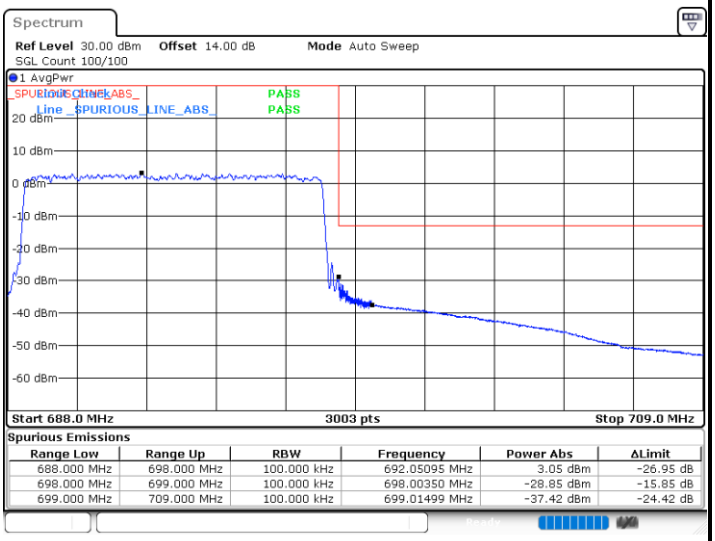


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.94505 MHz	-36.02 dBm	-23.02 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99550 MHz	-30.03 dBm	-17.03 dB
663.000 MHz	673.000 MHz	100.000 kHz	668.13986 MHz	3.04 dBm	-26.96 dB

Date: 6.AUG.2024 09:14:10

Highest Band Edge / Full RB



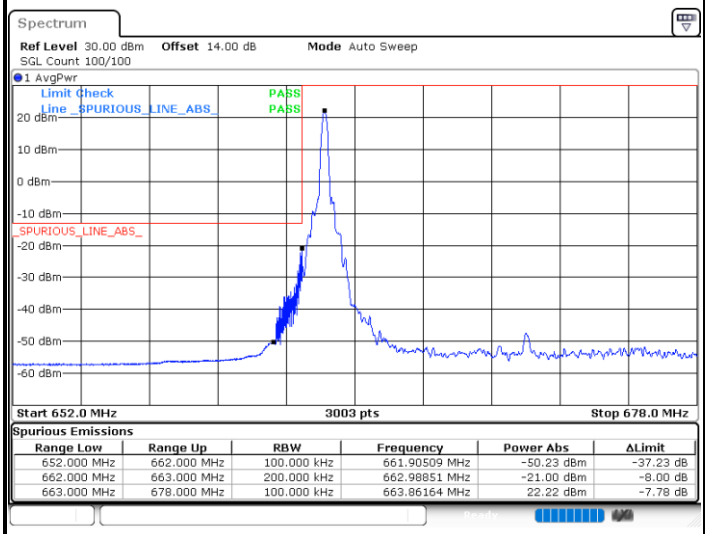
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	692.05095 MHz	3.05 dBm	-26.95 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00350 MHz	-28.85 dBm	-15.85 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.01499 MHz	-37.42 dBm	-24.42 dB

Date: 6.AUG.2024 09:23:29

LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB

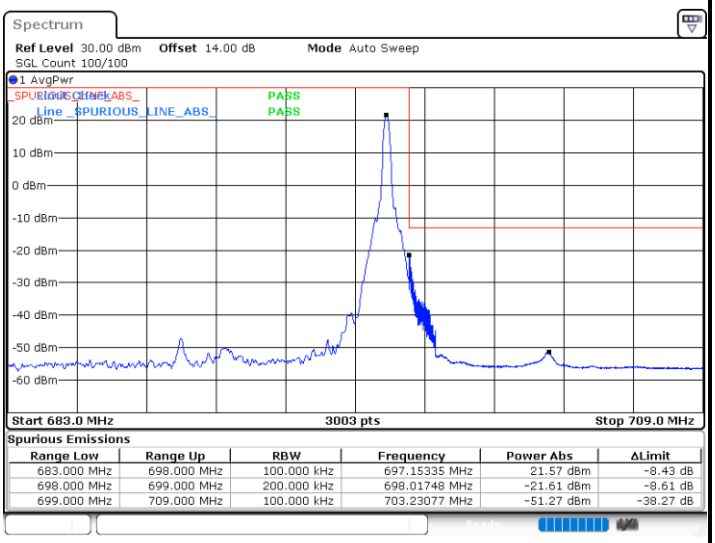


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.90509 MHz	-50.23 dBm	-37.23 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.98851 MHz	-21.00 dBm	-8.00 dB
663.000 MHz	678.000 MHz	100.000 kHz	663.86164 MHz	22.22 dBm	-7.78 dB

Date: 6.AUG.2024 09:27:32

Highest Band Edge / 1 RB

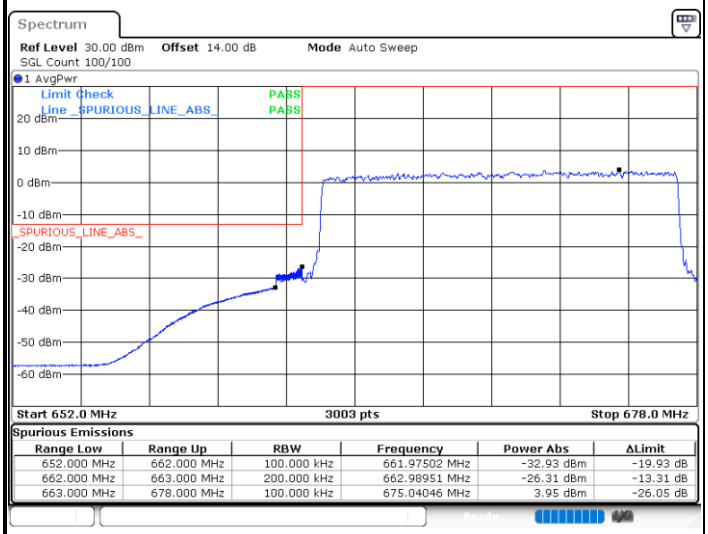


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	697.15335 MHz	21.57 dBm	-8.43 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.01748 MHz	-21.61 dBm	-8.61 dB
699.000 MHz	709.000 MHz	100.000 kHz	703.23077 MHz	-51.27 dBm	-38.27 dB

Date: 6.AUG.2024 09:36:51

Lowest Band Edge / Full RB

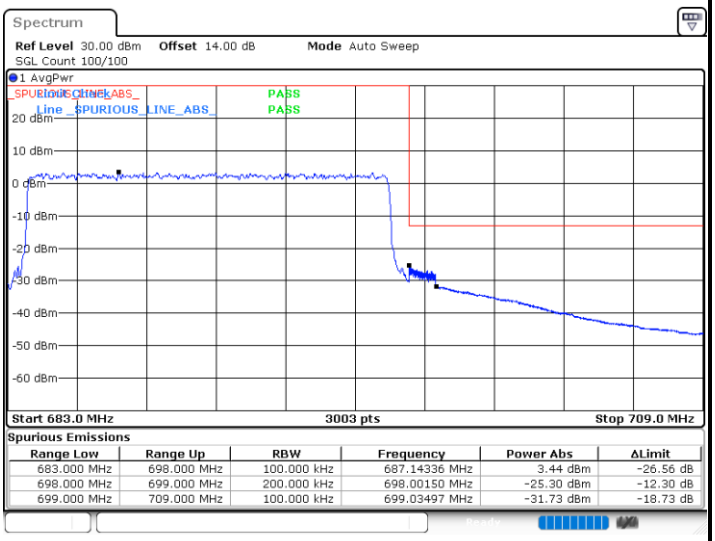


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.97502 MHz	-32.93 dBm	-19.93 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.98951 MHz	-26.31 dBm	-13.31 dB
663.000 MHz	678.000 MHz	100.000 kHz	675.04046 MHz	3.95 dBm	-26.05 dB

Date: 6.AUG.2024 09:30:21

Highest Band Edge / Full RB



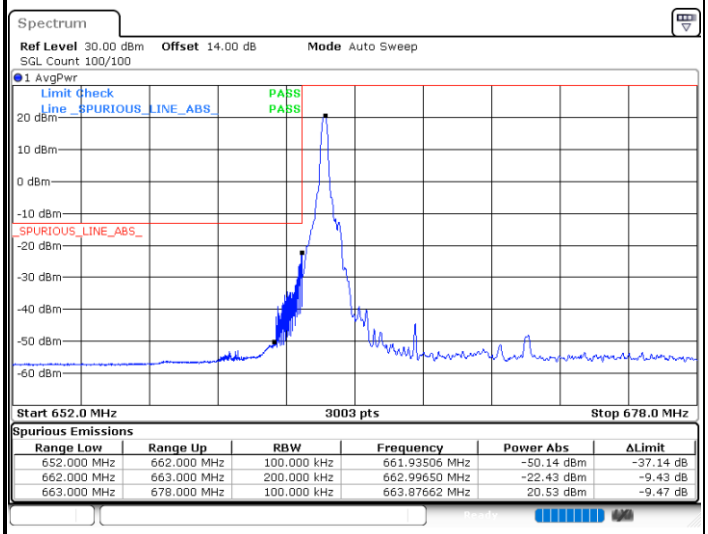
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	687.14336 MHz	3.44 dBm	-26.56 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.00150 MHz	-25.30 dBm	-12.30 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.03497 MHz	-31.73 dBm	-18.73 dB

Date: 6.AUG.2024 10:04:58

LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1RB

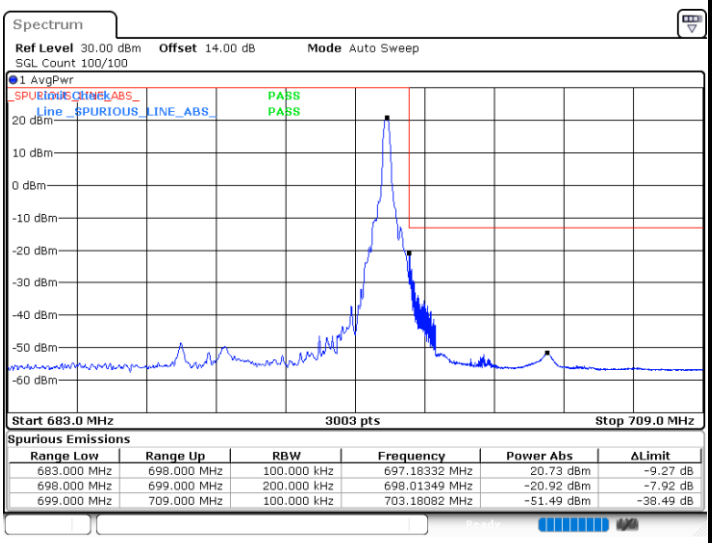


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.93506 MHz	-50.14 dBm	-37.14 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.99650 MHz	-22.43 dBm	-9.43 dB
663.000 MHz	678.000 MHz	100.000 kHz	663.87662 MHz	20.53 dBm	-9.47 dB

Date: 6.AUG.2024 09:28:28

Highest Band Edge / 1 RB

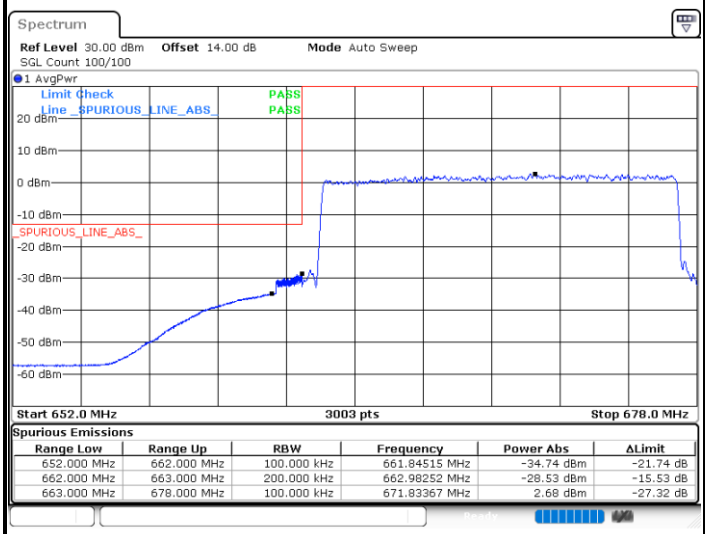


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	697.18332 MHz	20.73 dBm	-9.27 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.01349 MHz	-20.92 dBm	-7.92 dB
699.000 MHz	709.000 MHz	100.000 kHz	703.18082 MHz	-51.49 dBm	-38.49 dB

Date: 6.AUG.2024 09:37:47

Lowest Band Edge / Full RB

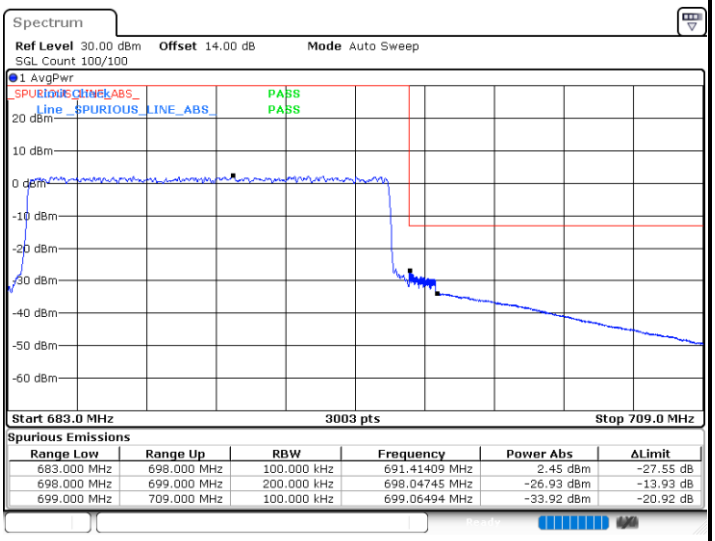


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.84515 MHz	-34.74 dBm	-21.74 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.98252 MHz	-28.53 dBm	-15.53 dB
663.000 MHz	678.000 MHz	100.000 kHz	671.83367 MHz	2.68 dBm	-27.32 dB

Date: 6.AUG.2024 09:31:17

Highest Band Edge / Full RB



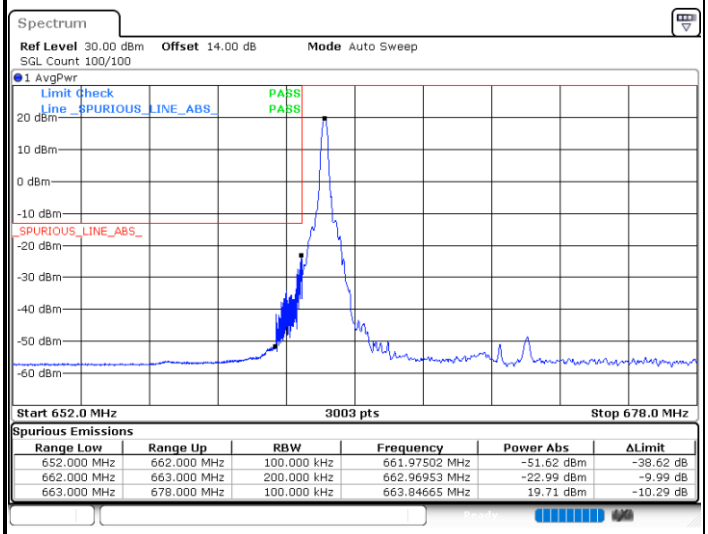
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	691.41409 MHz	2.45 dBm	-27.55 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.04745 MHz	-26.93 dBm	-13.93 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.06494 MHz	-33.92 dBm	-20.92 dB

Date: 6.AUG.2024 10:05:54

LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1RB

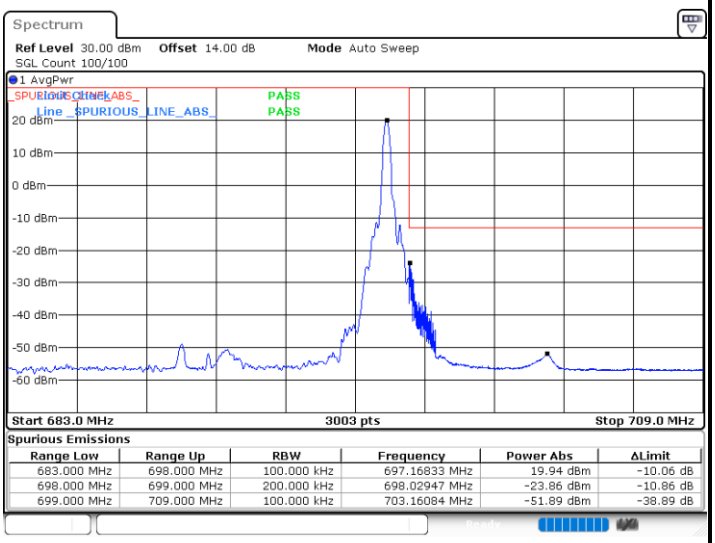


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.97502 MHz	-51.62 dBm	-38.62 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.96953 MHz	-22.99 dBm	-9.99 dB
663.000 MHz	678.000 MHz	100.000 kHz	663.84665 MHz	19.71 dBm	-10.29 dB

Date: 6.AUG.2024 09:29:25

Highest Band Edge / 1 RB

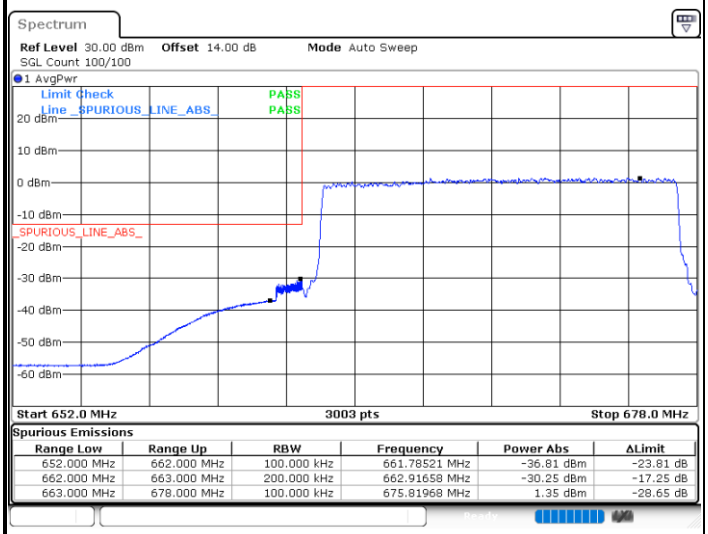


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	697.16833 MHz	19.94 dBm	-10.06 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.02947 MHz	-23.86 dBm	-10.86 dB
699.000 MHz	709.000 MHz	100.000 kHz	703.16084 MHz	-51.89 dBm	-38.89 dB

Date: 6.AUG.2024 09:38:44

Lowest Band Edge / Full RB

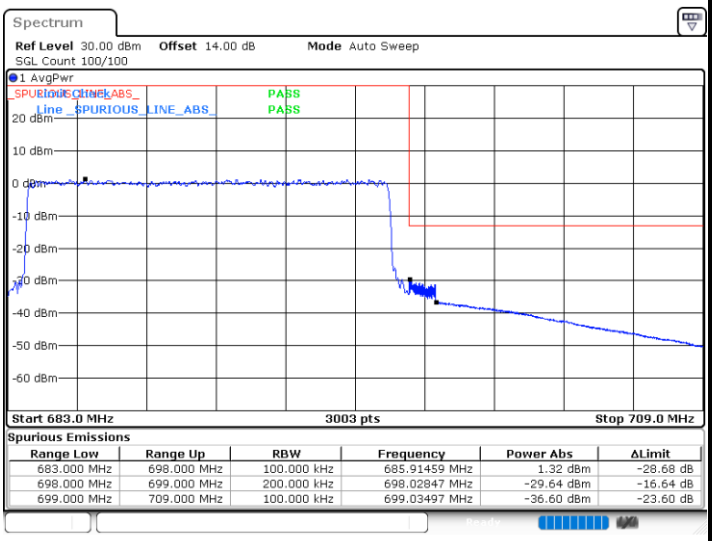


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.78521 MHz	-36.81 dBm	-23.81 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.91658 MHz	-30.25 dBm	-17.25 dB
663.000 MHz	678.000 MHz	100.000 kHz	675.81968 MHz	1.35 dBm	-28.65 dB

Date: 6.AUG.2024 09:32:14

Highest Band Edge / Full RB



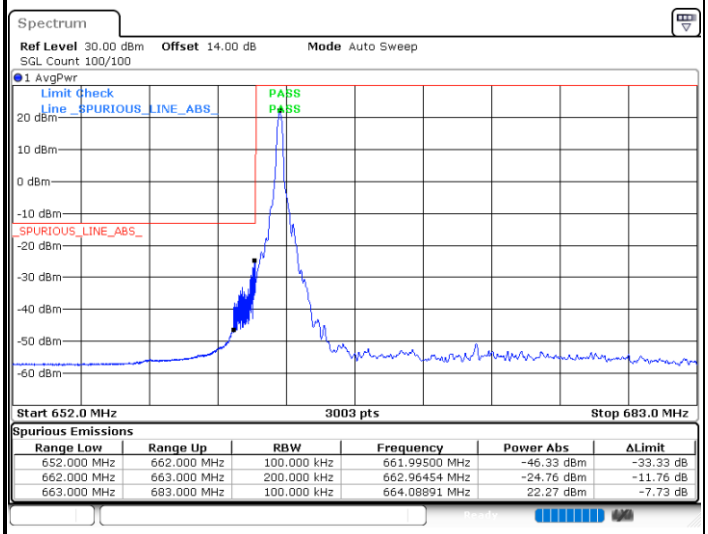
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	685.91459 MHz	1.32 dBm	-28.68 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.02847 MHz	-29.64 dBm	-16.64 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.03497 MHz	-36.60 dBm	-23.60 dB

Date: 6.AUG.2024 10:06:49

LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB

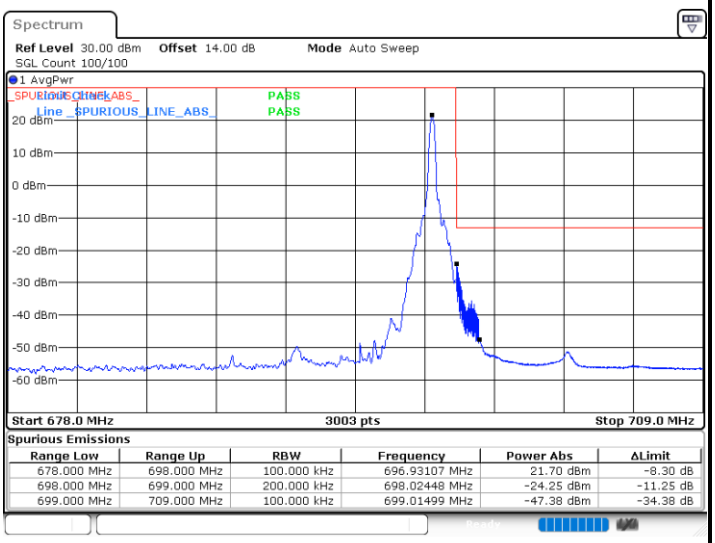


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-46.33 dBm	-33.33 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.96454 MHz	-24.76 dBm	-11.76 dB
663.000 MHz	683.000 MHz	100.000 kHz	664.08891 MHz	22.27 dBm	-7.73 dB

Date: 6.AUG.2024 10:10:41

Highest Band Edge / 1 RB

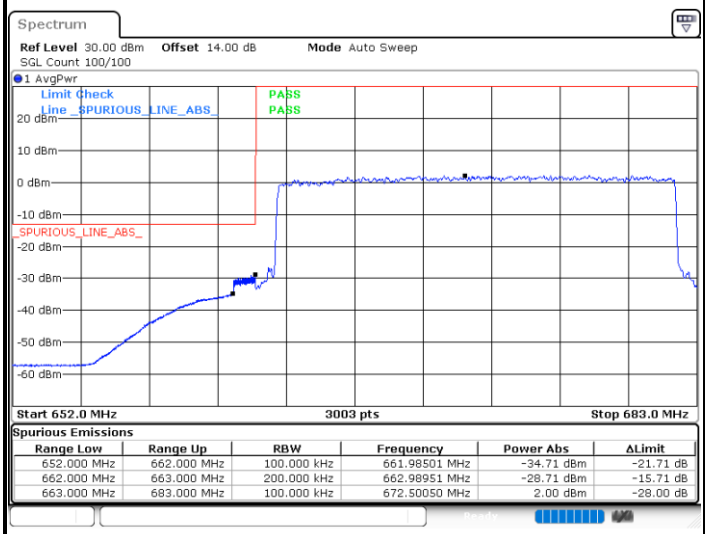


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	696.93107 MHz	21.70 dBm	-8.30 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.02448 MHz	-24.25 dBm	-11.25 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.01499 MHz	-47.38 dBm	-34.38 dB

Date: 6.AUG.2024 10:21:12

Lowest Band Edge / Full RB

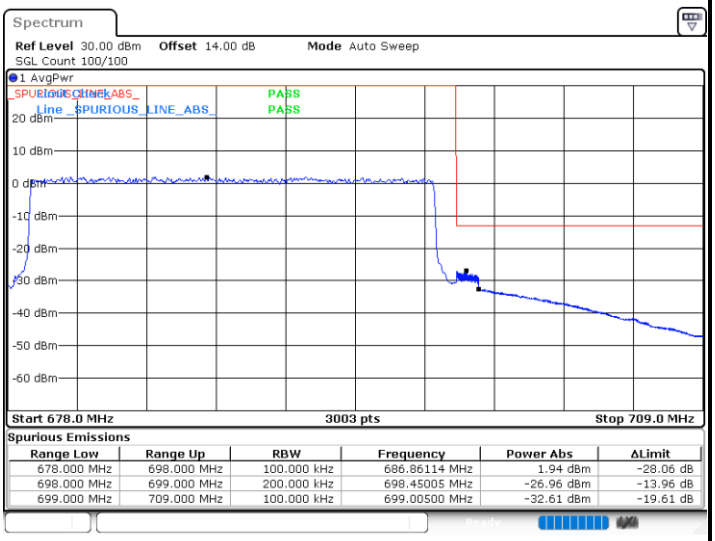


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.98501 MHz	-34.71 dBm	-21.71 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.98951 MHz	-28.71 dBm	-15.71 dB
663.000 MHz	683.000 MHz	100.000 kHz	672.50050 MHz	2.00 dBm	-28.00 dB

Date: 6.AUG.2024 10:13:28

Highest Band Edge / Full RB



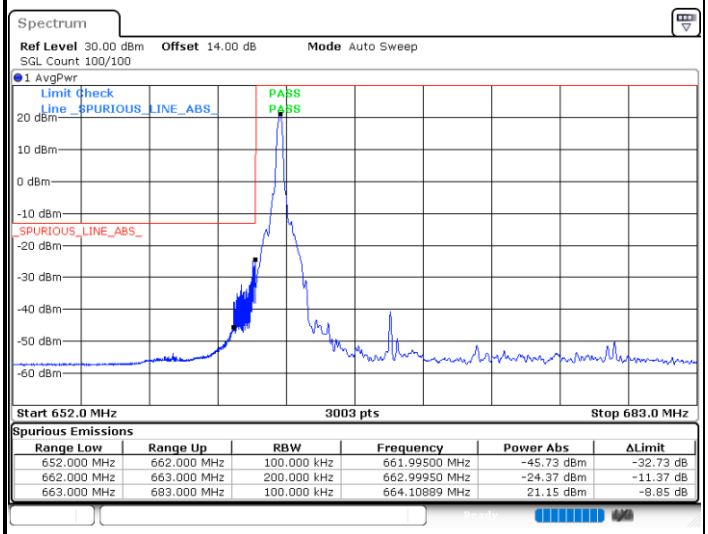
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	686.86114 MHz	1.94 dBm	-28.06 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.45005 MHz	-26.96 dBm	-13.96 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-32.61 dBm	-19.61 dB

Date: 6.AUG.2024 10:23:59

LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1RB

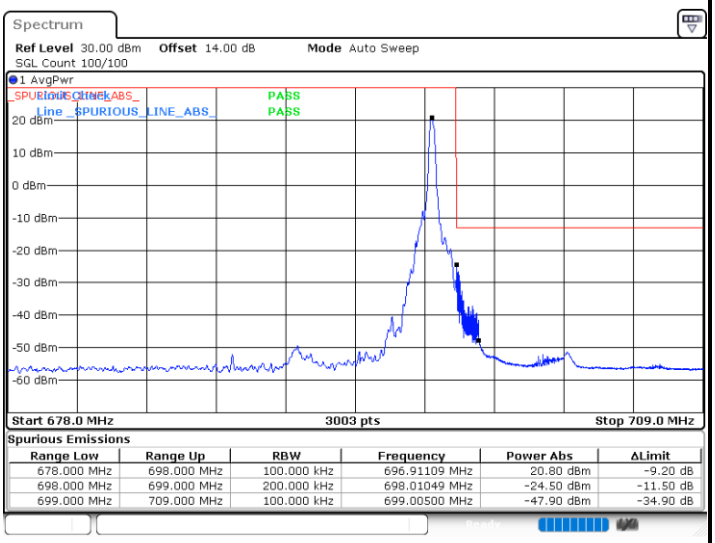


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-45.73 dBm	-32.73 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.99950 MHz	-24.37 dBm	-11.37 dB
663.000 MHz	683.000 MHz	100.000 kHz	664.10889 MHz	21.15 dBm	-8.85 dB

Date: 6.AUG.2024 10:11:37

Highest Band Edge / 1 RB

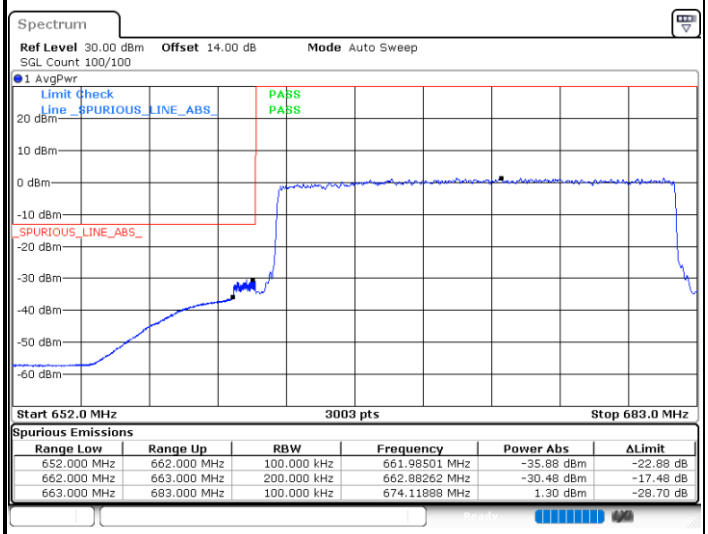


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	696.91109 MHz	20.80 dBm	-9.20 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.01049 MHz	-24.50 dBm	-11.50 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-47.90 dBm	-34.90 dB

Date: 6.AUG.2024 10:22:08

Lowest Band Edge / Full RB

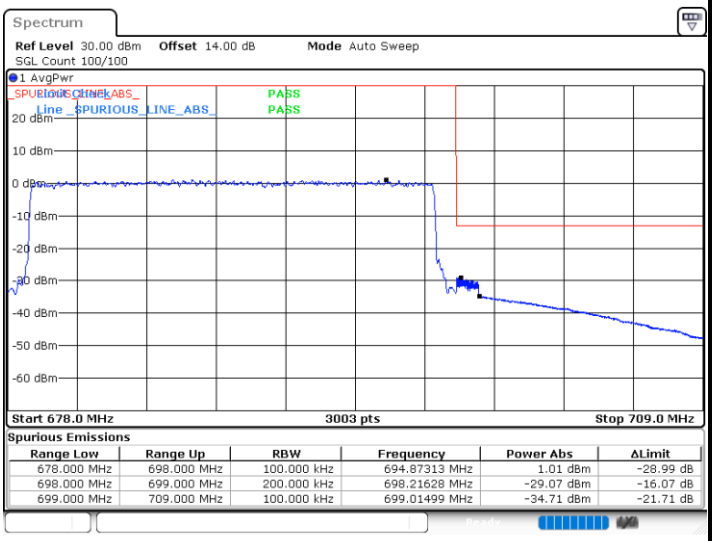


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.98501 MHz	-35.88 dBm	-22.88 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.88262 MHz	-30.48 dBm	-17.48 dB
663.000 MHz	683.000 MHz	100.000 kHz	674.11888 MHz	1.30 dBm	-28.70 dB

Date: 6.AUG.2024 10:14:24

Highest Band Edge / Full RB



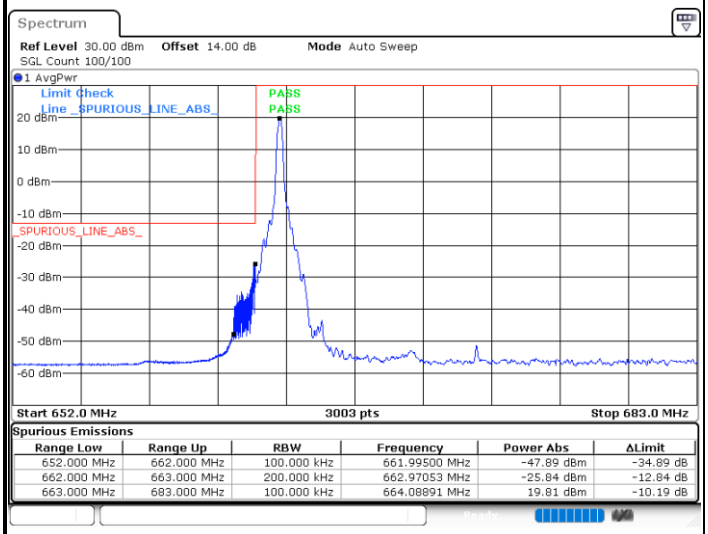
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	694.87313 MHz	1.01 dBm	-28.99 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.21628 MHz	-29.07 dBm	-16.07 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.01499 MHz	-34.71 dBm	-21.71 dB

Date: 6.AUG.2024 10:24:55

LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1RB

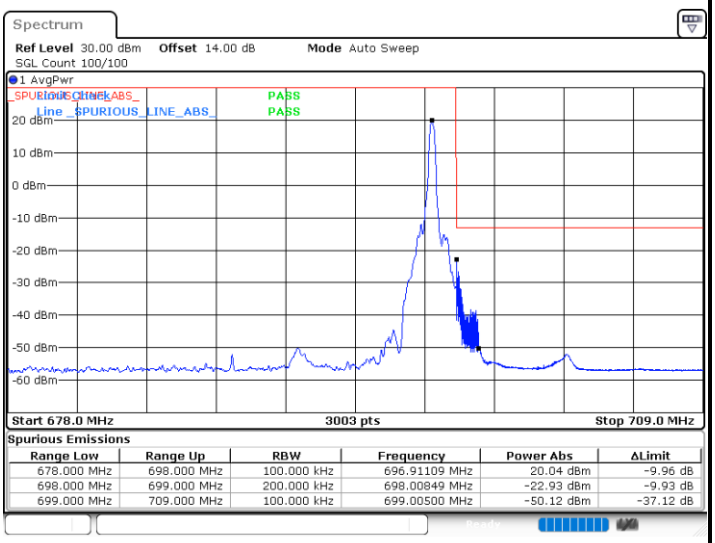


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-47.89 dBm	-34.89 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.97053 MHz	-25.84 dBm	-12.84 dB
663.000 MHz	683.000 MHz	100.000 kHz	664.08891 MHz	19.81 dBm	-10.19 dB

Date: 6.AUG.2024 10:12:32

Highest Band Edge / 1 RB

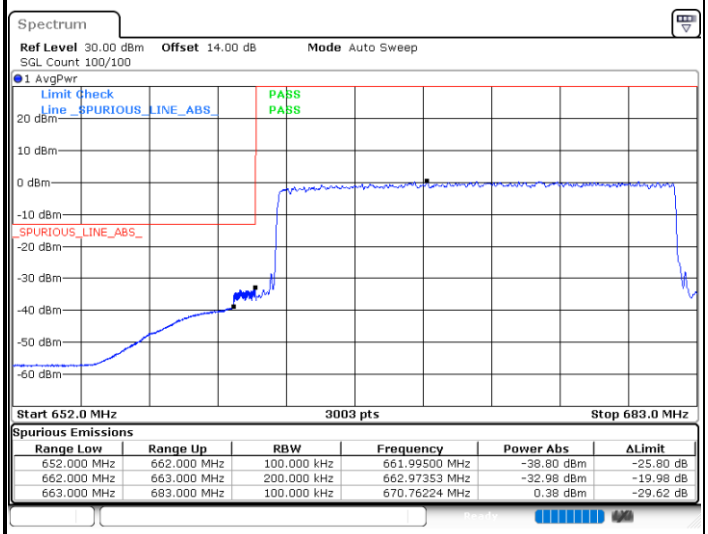


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	696.91109 MHz	20.04 dBm	-9.96 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.00849 MHz	-22.93 dBm	-9.93 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-50.12 dBm	-37.12 dB

Date: 6.AUG.2024 10:23:03

Lowest Band Edge / Full RB

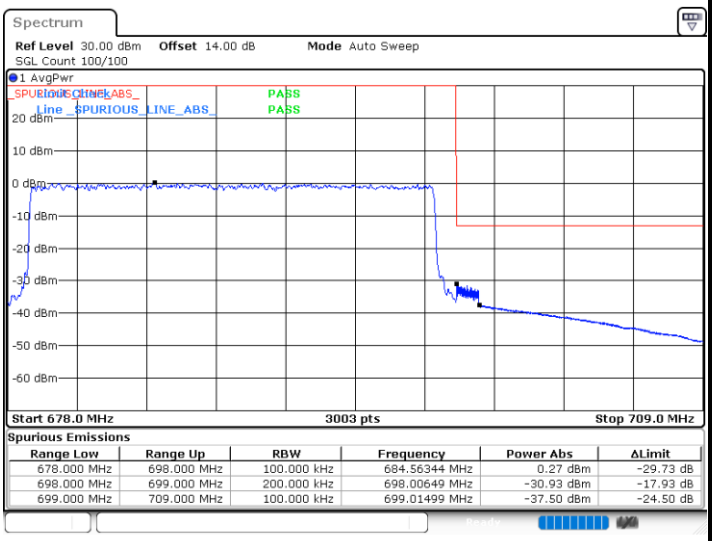


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-38.80 dBm	-25.80 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.97353 MHz	-32.98 dBm	-19.98 dB
663.000 MHz	683.000 MHz	100.000 kHz	670.76224 MHz	0.38 dBm	-29.62 dB

Date: 6.AUG.2024 10:15:19

Highest Band Edge / Full RB



Spurious Emissions

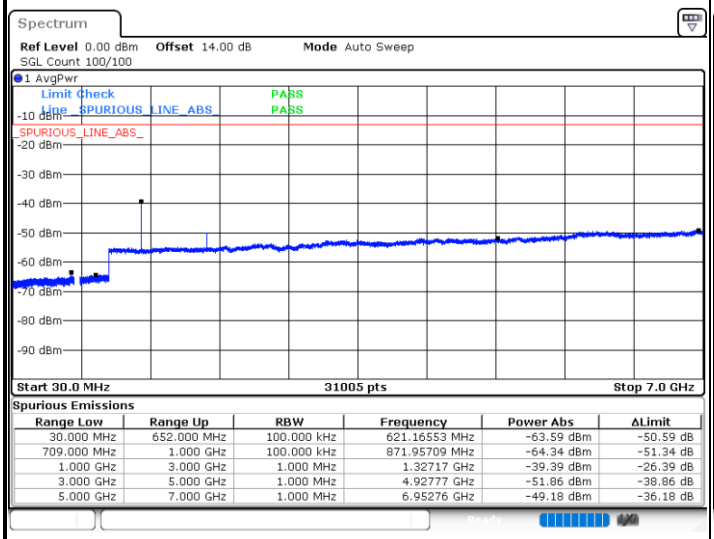
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	684.56344 MHz	0.27 dBm	-29.73 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.00649 MHz	-30.93 dBm	-17.93 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.01499 MHz	-37.50 dBm	-24.50 dB

Date: 6.AUG.2024 10:25:50

Conducted Spurious Emission

LTE Band 71 / 5MHz

Lowest Channel / QPSK

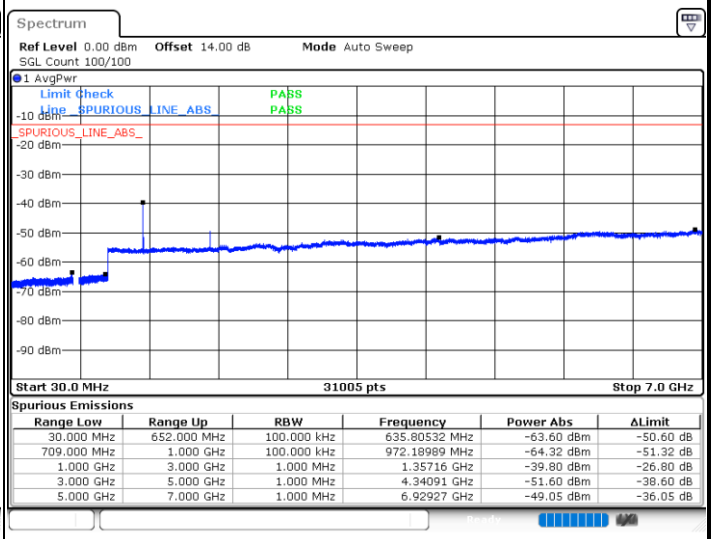


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	621.16553 MHz	-63.59 dBm	-50.59 dB
709.000 MHz	1.000 GHz	100.000 kHz	871.95709 MHz	-64.34 dBm	-51.34 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32717 GHz	-39.39 dBm	-26.39 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.92777 GHz	-51.86 dBm	-38.86 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.95276 GHz	-49.18 dBm	-36.18 dB

Date: 6.AUG.2024 08:57:19

Middle Channel / QPSK

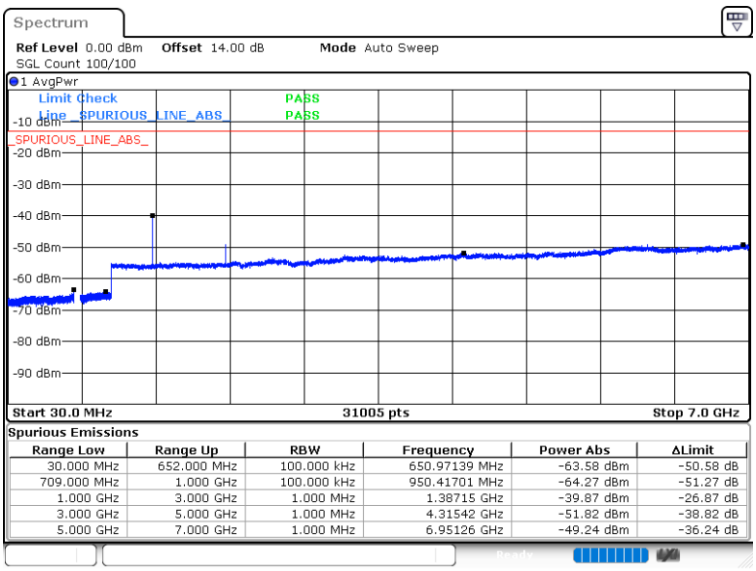


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	635.80532 MHz	-63.60 dBm	-50.60 dB
709.000 MHz	1.000 GHz	100.000 kHz	972.18989 MHz	-64.32 dBm	-51.32 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35716 GHz	-39.80 dBm	-26.80 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.34091 GHz	-51.60 dBm	-38.60 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.92927 GHz	-49.05 dBm	-36.05 dB

Date: 6.AUG.2024 08:58:28

Highest Channel / QPSK



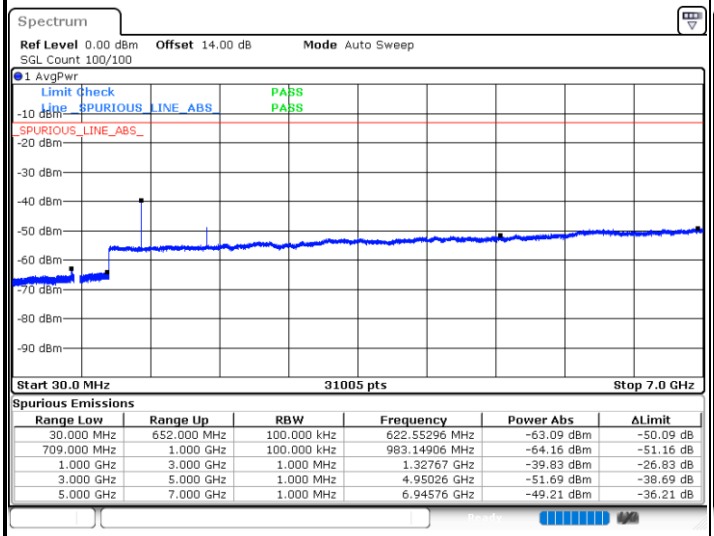
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	650.97139 MHz	-63.58 dBm	-50.58 dB
709.000 MHz	1.000 GHz	100.000 kHz	950.41701 MHz	-64.27 dBm	-51.27 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.38715 GHz	-39.87 dBm	-26.87 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.31542 GHz	-51.82 dBm	-38.82 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.95126 GHz	-49.24 dBm	-36.24 dB

Date: 6.AUG.2024 09:06:37

LTE Band 71 / 10MHz

Lowest Channel / QPSK

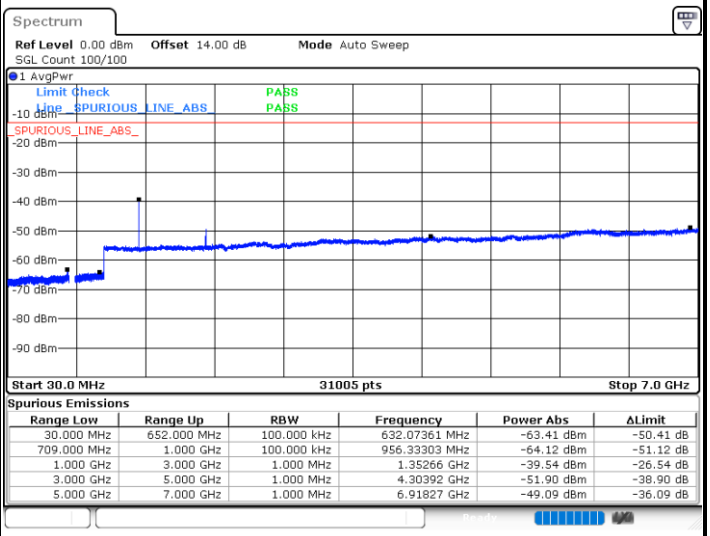


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	622.55296 MHz	-63.09 dBm	-50.09 dB
709.000 MHz	1.000 GHz	100.000 kHz	983.14906 MHz	-64.16 dBm	-51.16 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32767 GHz	-39.83 dBm	-26.83 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.95026 GHz	-51.69 dBm	-38.69 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.94576 GHz	-49.21 dBm	-36.21 dB

Date: 6.AUG.2024 09:15:21

Middle Channel / QPSK

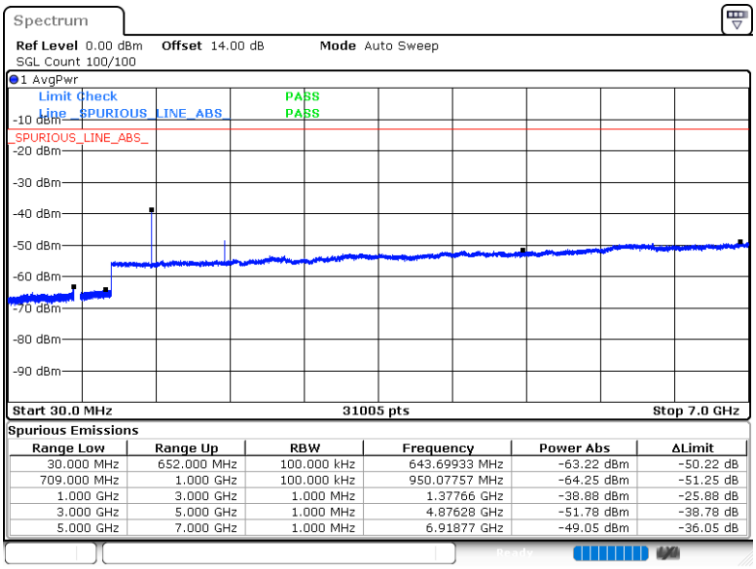


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	632.07361 MHz	-63.41 dBm	-50.41 dB
709.000 MHz	1.000 GHz	100.000 kHz	956.33303 MHz	-64.12 dBm	-51.12 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35266 GHz	-39.54 dBm	-26.54 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.30392 GHz	-51.90 dBm	-38.90 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.91827 GHz	-49.09 dBm	-36.09 dB

Date: 6.AUG.2024 09:16:31

Highest Channel / QPSK



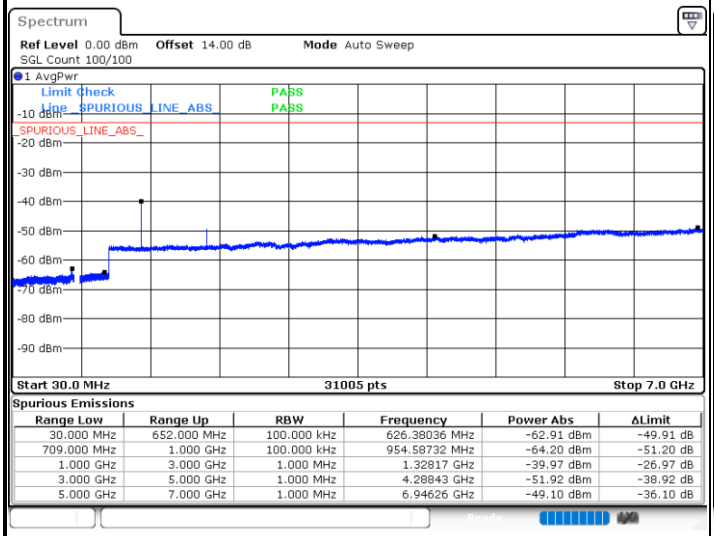
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	643.69933 MHz	-63.22 dBm	-50.22 dB
709.000 MHz	1.000 GHz	100.000 kHz	950.07757 MHz	-64.25 dBm	-51.25 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.37766 GHz	-38.88 dBm	-25.88 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.87628 GHz	-51.78 dBm	-38.78 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.91877 GHz	-49.05 dBm	-36.05 dB

Date: 6.AUG.2024 09:24:40

LTE Band 71 / 15MHz

Lowest Channel / QPSK

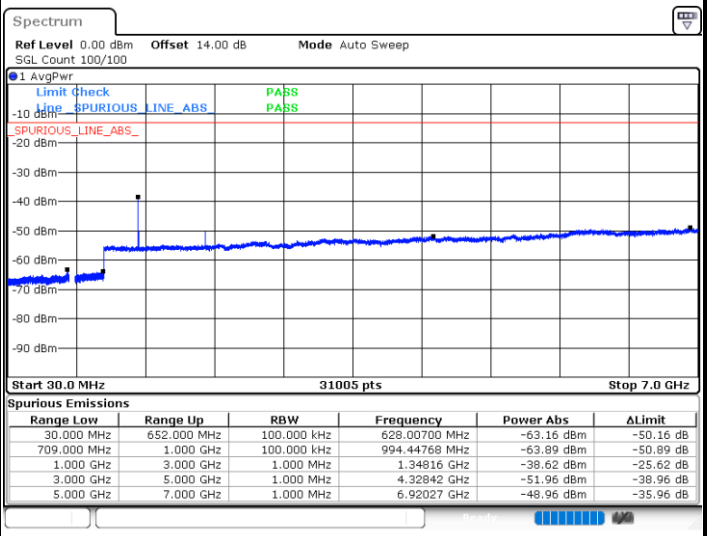


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	626.38036 MHz	-62.91 dBm	-49.91 dB
709.000 MHz	1.000 GHz	100.000 kHz	954.58732 MHz	-64.20 dBm	-51.20 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32817 GHz	-39.97 dBm	-26.97 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.28843 GHz	-51.92 dBm	-38.92 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.94626 GHz	-49.10 dBm	-36.10 dB

Date: 6.AUG.2024 09:33:25

Middle Channel / QPSK

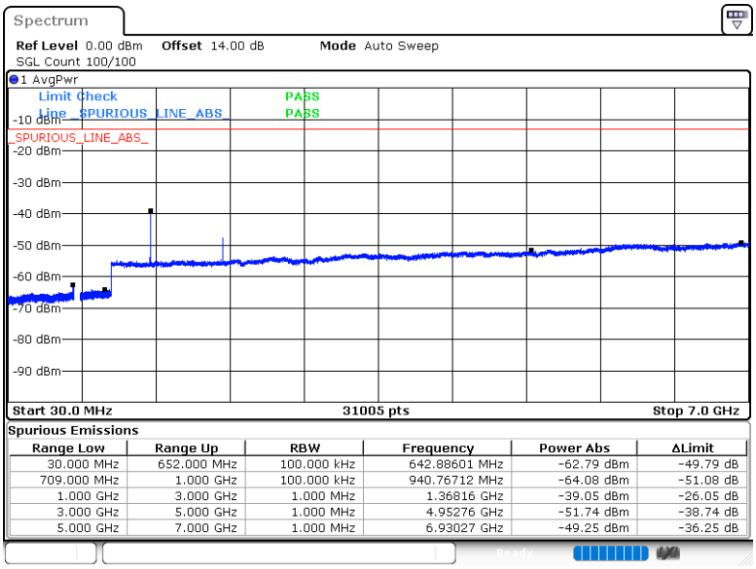


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	628.00700 MHz	-63.16 dBm	-50.16 dB
709.000 MHz	1.000 GHz	100.000 kHz	994.44768 MHz	-63.89 dBm	-50.89 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34816 GHz	-38.62 dBm	-25.62 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.32842 GHz	-51.96 dBm	-38.96 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.92027 GHz	-48.96 dBm	-35.96 dB

Date: 6.AUG.2024 09:34:35

Highest Channel / QPSK



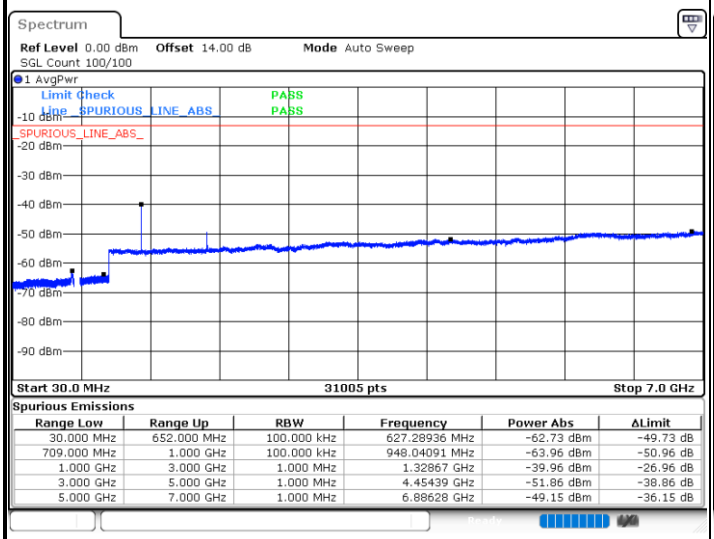
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	642.88601 MHz	-62.79 dBm	-49.79 dB
709.000 MHz	1.000 GHz	100.000 kHz	940.76712 MHz	-64.08 dBm	-51.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.36816 GHz	-39.05 dBm	-26.05 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.95276 GHz	-51.74 dBm	-38.74 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93027 GHz	-49.25 dBm	-36.25 dB

Date: 6.AUG.2024 10:07:59

LTE Band 71 / 20MHz

Lowest Channel / QPSK

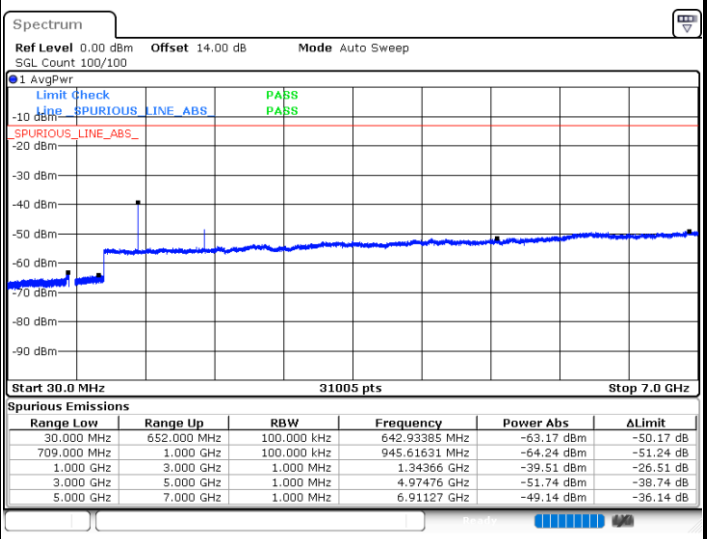


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	627.28936 MHz	-62.73 dBm	-49.73 dB
709.000 MHz	1.000 GHz	100.000 kHz	948.04091 MHz	-63.96 dBm	-50.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32867 GHz	-39.96 dBm	-26.96 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.45439 GHz	-51.86 dBm	-38.86 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.88628 GHz	-49.15 dBm	-36.15 dB

Date: 6.AUG.2024 10:16:29

Middle Channel / QPSK

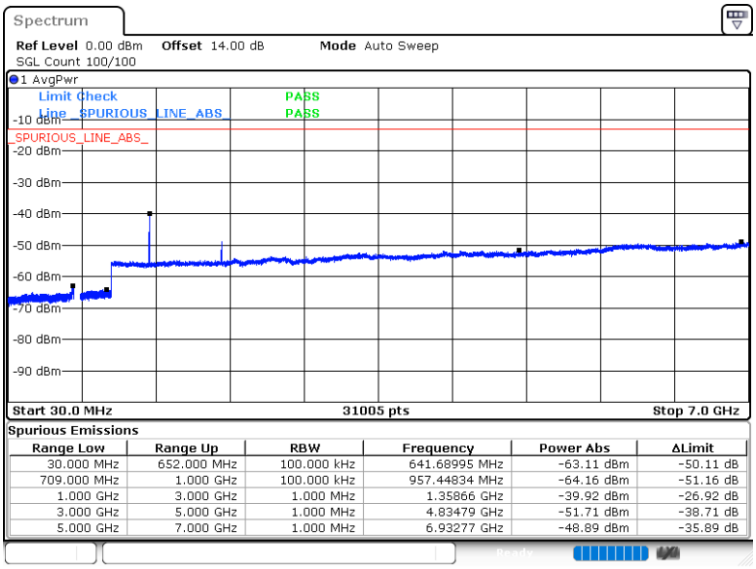


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	642.93385 MHz	-63.17 dBm	-50.17 dB
709.000 MHz	1.000 GHz	100.000 kHz	945.61631 MHz	-64.24 dBm	-51.24 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34366 GHz	-39.51 dBm	-26.51 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.97476 GHz	-51.74 dBm	-38.74 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.91127 GHz	-49.14 dBm	-36.14 dB

Date: 6.AUG.2024 10:17:38

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	641.68995 MHz	-63.11 dBm	-50.11 dB
709.000 MHz	1.000 GHz	100.000 kHz	957.44834 MHz	-64.16 dBm	-51.16 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35866 GHz	-39.92 dBm	-26.92 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.83479 GHz	-51.71 dBm	-38.71 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93277 GHz	-48.89 dBm	-35.89 dB

Date: 6.AUG.2024 10:27:00

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	0.0010	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0028	

Note:

1. Normal Voltage = 8.0 V. ; Battery End Point (BEP) = 7.2 V. ; Maximum Voltage = 9.0 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jia Kuang	Temperature :	22~25℃
		Relative Humidity :	48~52%

RSE pre-scanned harmonic for different antennas, choose the worst antenna perform final test and record in the report.

LTE Band 12 / 10MHz / QPSK / ANT1									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1399	-63.48	-13	-50.48	-72.06	-66.71	3.98	9.36	H
	2098.5	-63.21	-13	-50.21	-74.58	-66.76	4.85	10.55	H
	2798	-61.36	-13	-48.36	-74.79	-66.29	5.50	12.58	H
	1399	-63.50	-13	-50.50	-72.08	-66.73	3.98	9.36	V
	2098.5	-63.34	-13	-50.34	-74.71	-66.89	4.85	10.55	V
	2798	-61.73	-13	-48.73	-75.16	-66.66	5.50	12.58	V
Middle	1406	-63.54	-13	-50.54	-72.24	-66.79	4.00	9.40	H
	2109	-63.36	-13	-50.36	-74.61	-66.93	4.88	10.60	H
	2812	-61.41	-13	-48.41	-74.94	-66.34	5.52	12.60	H
	1406	-63.38	-13	-50.38	-71.97	-66.63	4.00	9.40	V
	2109	-63.00	-13	-50.00	-74.48	-66.57	4.88	10.60	V
	2812	-61.67	-13	-48.67	-75.13	-66.60	5.52	12.60	V
Highest	1413	-63.41	-13	-50.41	-72.13	-66.58	4.10	9.42	H
	2119.5	-63.20	-13	-50.20	-74.56	-66.78	4.90	10.63	H
	2826	-61.44	-13	-48.44	-75.01	-66.36	5.55	12.62	H
	1413	-63.69	-13	-50.69	-72.29	-66.86	4.10	9.42	V
	2119.5	-62.90	-13	-49.90	-74.51	-66.48	4.90	10.63	V
	2826	-61.22	-13	-48.22	-74.72	-66.14	5.55	12.62	V

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

LTE Band 13 / 5MHz / QPSK / ANT1									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1554.5	-64.62	-13	-51.62	-73.53	-67.85	3.98	9.36	H
	2331.75	-62.82	-13	-49.82	-74.69	-66.37	4.85	10.55	H
	3109	-60.64	-13	-47.64	-75.04	-65.57	5.50	12.58	H
	1554.5	-64.61	-13	-51.61	-73.29	-67.84	3.98	9.36	V
	2331.75	-62.86	-13	-49.86	-74.76	-66.41	4.85	10.55	V
	3109	-61.07	-13	-48.07	-75.29	-66.00	5.50	12.58	V
Middle	1559.5	-64.59	-42.15	-22.44	-73.50	-67.84	4.00	9.40	H
	2339.25	-62.69	-13	-49.69	-74.55	-66.26	4.88	10.60	H
	3119	-61.10	-13	-48.10	-75.54	-66.03	5.52	12.60	H
	1559.5	-64.58	-42.15	-22.43	-73.26	-67.83	4.00	9.40	V
	2339.25	-62.85	-13	-49.85	-74.72	-66.42	4.88	10.60	V
	3119	-61.01	-13	-48.01	-75.26	-65.94	5.52	12.60	V
Highest	1564.5	-64.43	-42.15	-22.28	-73.34	-67.60	4.10	9.42	H
	2346.75	-63.07	-13	-50.07	-74.91	-66.65	4.90	10.63	H
	3129	-61.17	-13	-48.17	-75.66	-66.09	5.55	12.62	H
	1564.5	-64.67	-42.15	-22.52	-73.35	-67.84	4.10	9.42	V
	2346.75	-63.24	-13	-50.24	-75.07	-66.82	4.90	10.63	V
	3129	-61.34	-13	-48.34	-75.62	-66.26	5.55	12.62	V

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

LTE Band 13 / 10MHz / QPSK / ANT1									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-64.61	-42.15	-22.46	-73.52	-67.86	4.00	9.40	H
	2339.25	-62.46	-13	-49.46	-74.32	-66.03	4.88	10.60	H
	3119	-60.87	-13	-47.87	-75.31	-65.80	5.52	12.60	H
	1559.5	-64.74	-42.15	-22.59	-73.42	-67.99	4.00	9.40	V
	2339.25	-62.44	-13	-49.44	-74.31	-66.01	4.88	10.60	V
	3119	-61.04	-13	-48.04	-75.29	-65.97	5.52	12.60	V

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

LTE Band 26 / 15MHz / QPSK / ANT1									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1629.5	-65.83	-13	-52.83	-74.14	-69.06	3.98	9.36	H
	2444.25	-62.96	-13	-49.96	-74.69	-66.51	4.85	10.55	H
	3259	-61.14	-13	-48.14	-75.73	-66.07	5.50	12.58	H
	1629.5	-65.59	-13	-52.59	-73.83	-68.82	3.98	9.36	V
	2444.25	-63.02	-13	-50.02	-74.72	-66.57	4.85	10.55	V
	3259	-61.30	-13	-48.30	-75.73	-66.23	5.50	12.58	V
Middle	1649.5	-66.18	-13	-53.18	-74.07	-69.43	4.00	9.40	H
	2474.25	-63.20	-13	-50.20	-74.95	-66.77	4.88	10.60	H
	3299	-61.74	-13	-48.74	-76.20	-66.67	5.52	12.60	H
	1649.5	-65.96	-13	-52.96	-73.90	-69.21	4.00	9.40	V
	2474.25	-63.03	-13	-50.03	-74.82	-66.60	4.88	10.60	V
	3299	-61.48	-13	-48.48	-75.86	-66.41	5.52	12.60	V
Highest	1669.5	-65.96	-13	-52.96	-73.44	-69.13	4.10	9.42	H
	2504.25	-63.35	-13	-50.35	-75.12	-66.93	4.90	10.63	H
	3339	-61.42	-13	-48.42	-75.75	-66.34	5.55	12.62	H
	1669.5	-65.98	-13	-52.98	-73.63	-69.15	4.10	9.42	V
	2504.25	-63.34	-13	-50.34	-75.21	-66.92	4.90	10.63	V
	3339	-61.86	-13	-48.86	-76.20	-66.78	5.55	12.62	V

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

LTE Band 71 / 20MHz / QPSK / ANT1									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-63.69	-13	-50.69	-74.14	-71.42	3.98	9.36	H
	1992	-63.93	-13	-50.93	-74.69	-74.01	4.85	10.55	H
	2656	-62.33	-13	-49.33	-75.73	-75.12	5.50	12.58	H
	1328	-64.09	-13	-51.09	-73.83	-71.76	3.98	9.36	V
	1992	-63.93	-13	-50.93	-74.72	-74.11	4.85	10.55	V
	2656	-62.45	-13	-49.45	-75.73	-75.11	5.50	12.58	V
Middle	1343	-63.76	-13	-50.76	-71.68	-67.01	4.00	9.40	H
	2014.5	-63.23	-13	-50.23	-73.53	-66.80	4.88	10.60	H
	2686	-61.97	-13	-48.97	-74.91	-66.90	5.52	12.60	H
	1343	-64.00	-13	-51.00	-71.85	-67.25	4.00	9.40	V
	2014.5	-63.45	-13	-50.45	-73.86	-67.02	4.88	10.60	V
	2686	-61.93	-13	-48.93	-74.75	-66.86	5.52	12.60	V
Highest	1358	-63.85	-13	-50.85	-71.98	-67.02	4.10	9.42	H
	2037	-63.76	-13	-50.76	-74.29	-67.34	4.90	10.63	H
	2716	-62.21	-13	-49.21	-75.30	-67.13	5.55	12.62	H
	1358	-64.06	-13	-51.06	-72.11	-67.23	4.10	9.42	V
	2037	-63.43	-13	-50.43	-74.10	-67.01	4.90	10.63	V
	2716	-62.44	-13	-49.44	-75.43	-67.36	5.55	12.62	V

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