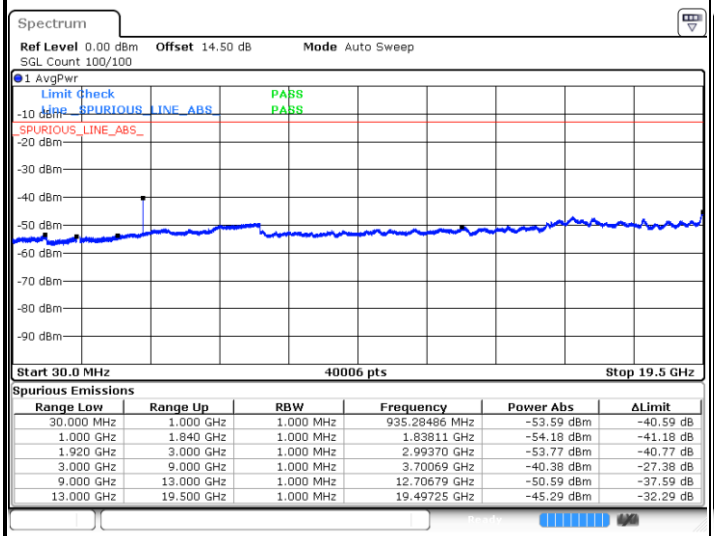
Conducted Spurious Emission

LTE Band 2 / 1.4MHz

Lowest Channel / QPSK

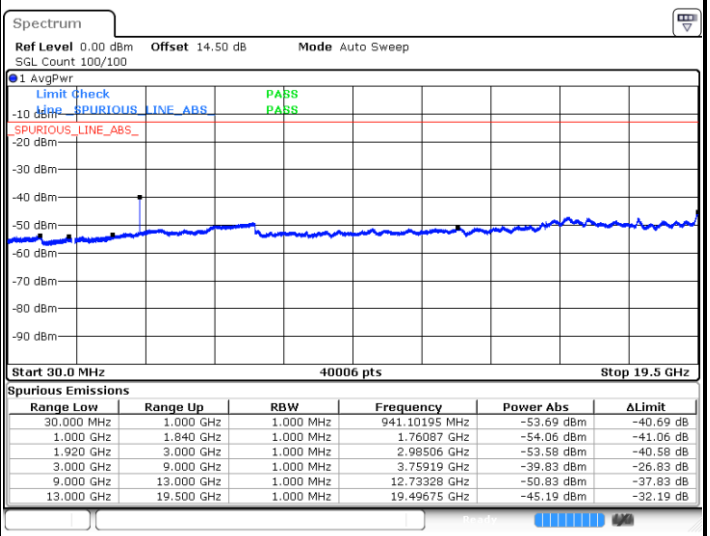


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.28486 MHz	-53.59 dBm	-40.59 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-54.18 dBm	-41.18 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99370 GHz	-53.77 dBm	-40.77 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-40.38 dBm	-27.38 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70679 GHz	-50.59 dBm	-37.59 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49725 GHz	-45.29 dBm	-32.29 dB

Date: 7.MAY.2025 12:22:43

Middle Channel / QPSK

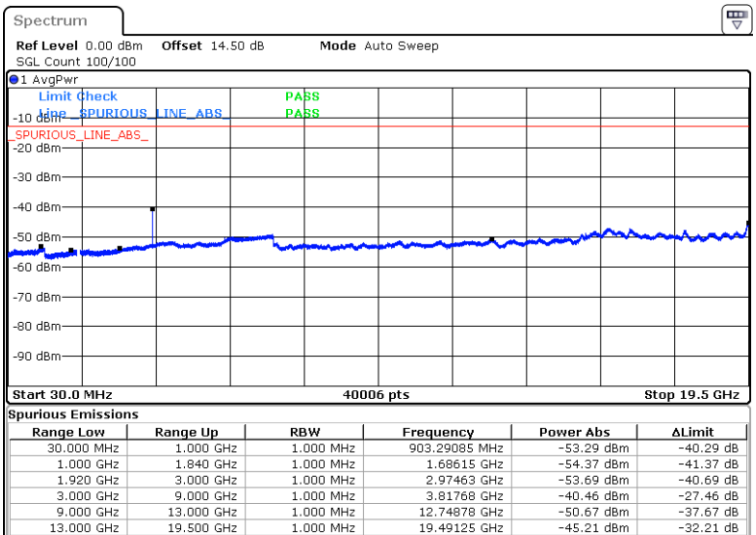


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	941.10195 MHz	-53.69 dBm	-40.69 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.76087 GHz	-54.06 dBm	-41.06 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98506 GHz	-53.58 dBm	-40.58 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75919 GHz	-39.83 dBm	-26.83 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.73328 GHz	-50.83 dBm	-37.83 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49675 GHz	-45.19 dBm	-32.19 dB

Date: 7.MAY.2025 12:25:19

Highest Channel / QPSK



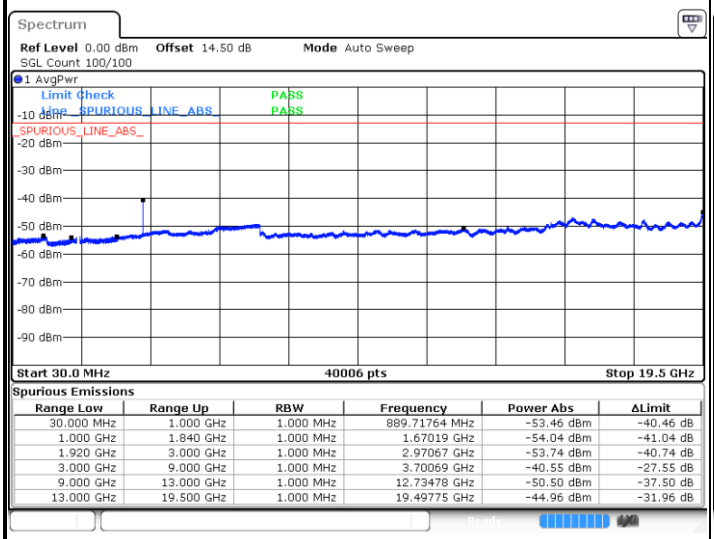
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.29085 MHz	-53.29 dBm	-40.29 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.68615 GHz	-54.37 dBm	-41.37 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97463 GHz	-53.69 dBm	-40.69 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81768 GHz	-40.46 dBm	-27.46 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74878 GHz	-50.67 dBm	-37.67 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49125 GHz	-45.21 dBm	-32.21 dB

Date: 7.MAY.2025 12:29:14

LTE Band 2 / 3MHz

Lowest Channel / QPSK

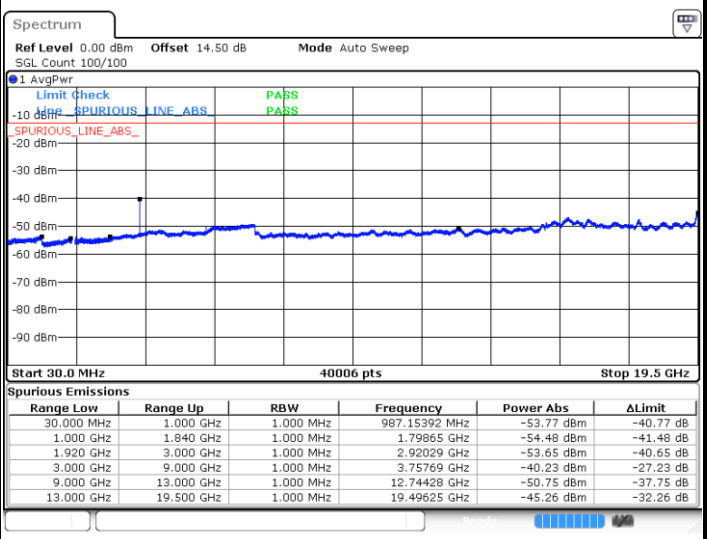


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	889.71764 MHz	-53.46 dBm	-40.46 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.67019 GHz	-54.04 dBm	-41.04 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97067 GHz	-53.74 dBm	-40.74 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-40.55 dBm	-27.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.73478 GHz	-50.50 dBm	-37.50 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49775 GHz	-44.96 dBm	-31.96 dB

Date: 7.MAY.2025 12:34:12

Middle Channel / QPSK

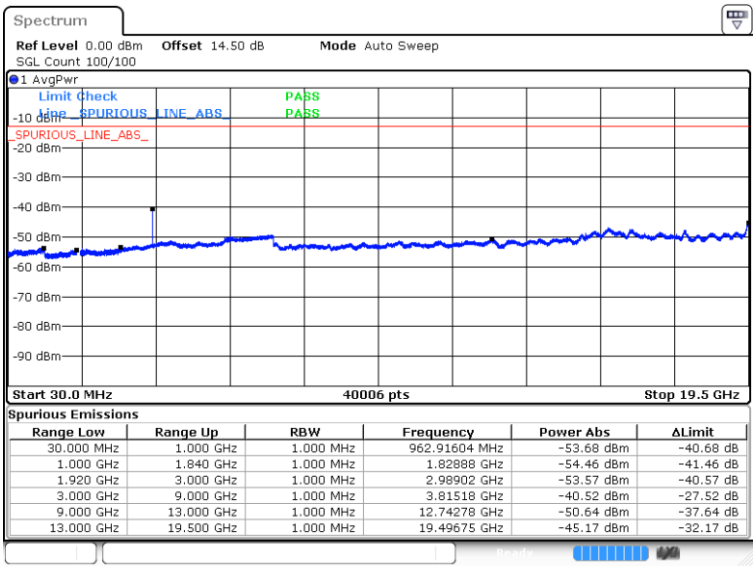


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.15392 MHz	-53.77 dBm	-40.77 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79865 GHz	-54.48 dBm	-41.48 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.92029 GHz	-53.65 dBm	-40.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75769 GHz	-40.23 dBm	-27.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74428 GHz	-50.75 dBm	-37.75 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49625 GHz	-45.26 dBm	-32.26 dB

Date: 7.MAY.2025 12:36:49

Highest Channel / QPSK



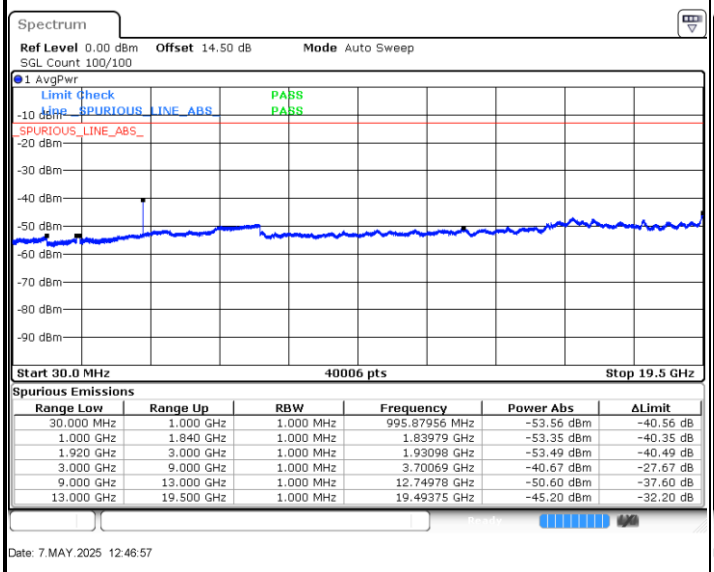
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.91604 MHz	-53.68 dBm	-40.68 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82888 GHz	-54.46 dBm	-41.46 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98902 GHz	-53.57 dBm	-40.57 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81518 GHz	-40.52 dBm	-27.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74278 GHz	-50.64 dBm	-37.64 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49675 GHz	-45.17 dBm	-32.17 dB

Date: 7.MAY.2025 12:42:22

LTE Band 2 / 5MHz

Lowest Channel / QPSK

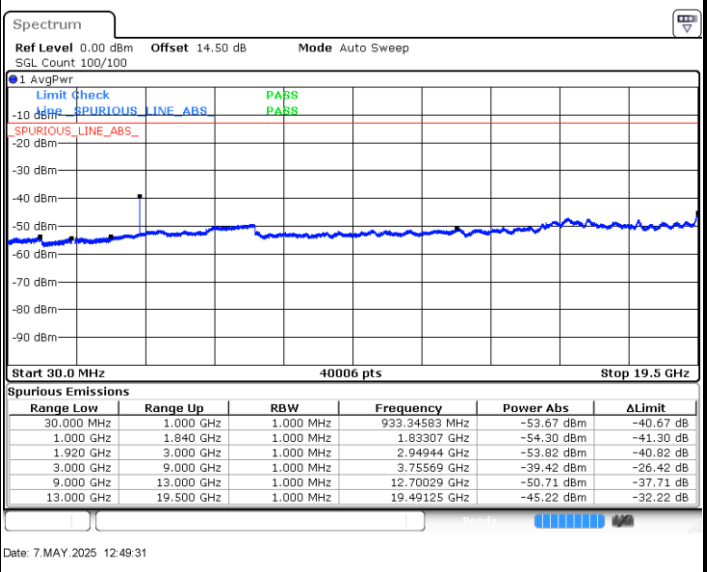


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	995.87956 MHz	-53.56 dBm	-40.56 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-53.35 dBm	-40.35 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.93098 GHz	-53.49 dBm	-40.49 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-40.67 dBm	-27.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74978 GHz	-50.60 dBm	-37.60 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49375 GHz	-45.20 dBm	-32.20 dB

Date: 7.MAY.2025 12:46:57

Middle Channel / QPSK

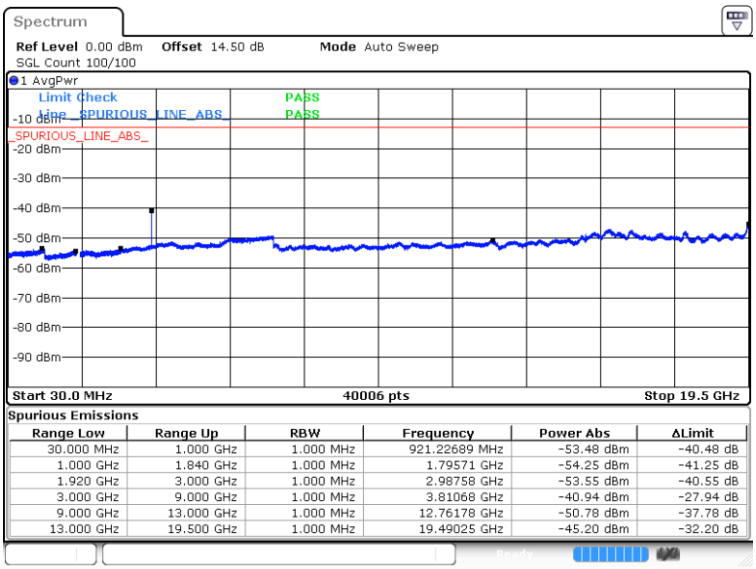


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.34583 MHz	-53.67 dBm	-40.67 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83307 GHz	-54.30 dBm	-41.30 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.94944 GHz	-53.82 dBm	-40.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75569 GHz	-39.42 dBm	-26.42 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70029 GHz	-50.71 dBm	-37.71 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49125 GHz	-45.22 dBm	-32.22 dB

Date: 7.MAY.2025 12:49:31

Highest Channel / QPSK



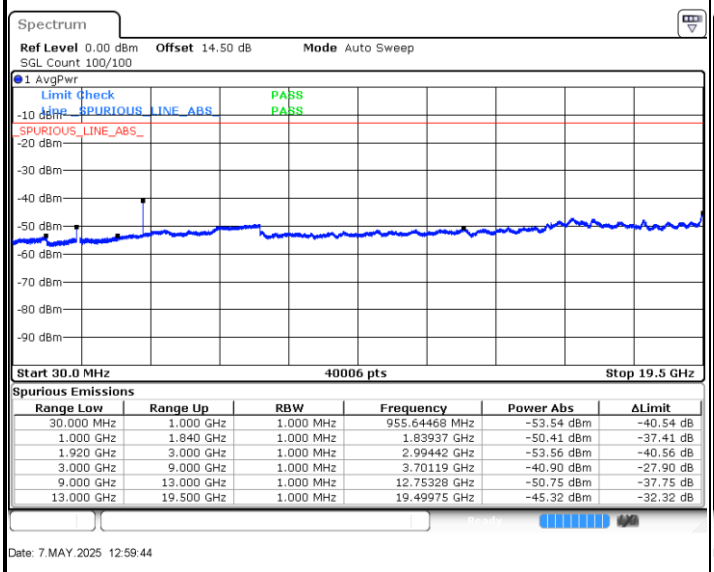
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.22689 MHz	-53.48 dBm	-40.48 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79571 GHz	-54.25 dBm	-41.25 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98758 GHz	-53.55 dBm	-40.55 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81068 GHz	-40.94 dBm	-27.94 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.76178 GHz	-50.78 dBm	-37.78 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49025 GHz	-45.20 dBm	-32.20 dB

Date: 7.MAY.2025 12:54:55

LTE Band 2 / 10MHz

Lowest Channel / QPSK

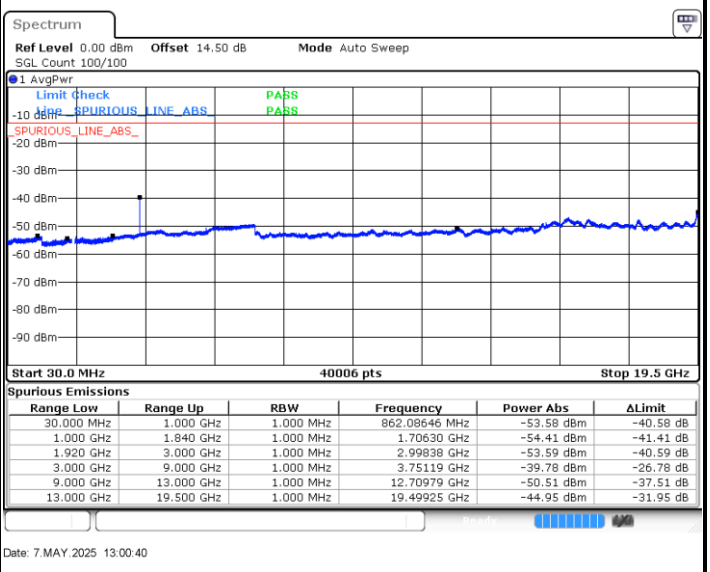


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.64468 MHz	-53.54 dBm	-40.54 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83937 GHz	-50.41 dBm	-37.41 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99442 GHz	-53.56 dBm	-40.56 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70119 GHz	-40.90 dBm	-27.90 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.75328 GHz	-50.75 dBm	-37.75 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49975 GHz	-45.32 dBm	-32.32 dB

Date: 7.MAY.2025 12:59:44

Middle Channel / QPSK

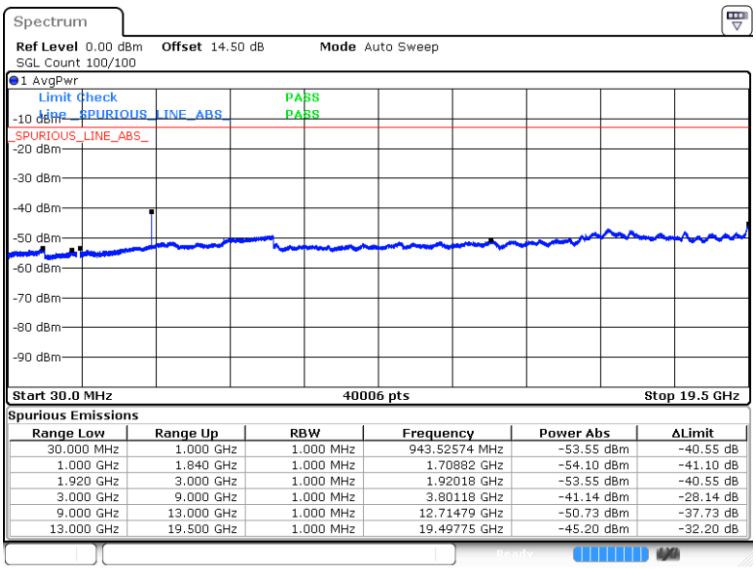


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	862.08646 MHz	-53.58 dBm	-40.58 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.70630 GHz	-54.41 dBm	-41.41 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99838 GHz	-53.59 dBm	-40.59 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75119 GHz	-39.78 dBm	-26.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70979 GHz	-50.51 dBm	-37.51 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49925 GHz	-44.95 dBm	-31.95 dB

Date: 7.MAY.2025 13:00:40

Highest Channel / QPSK



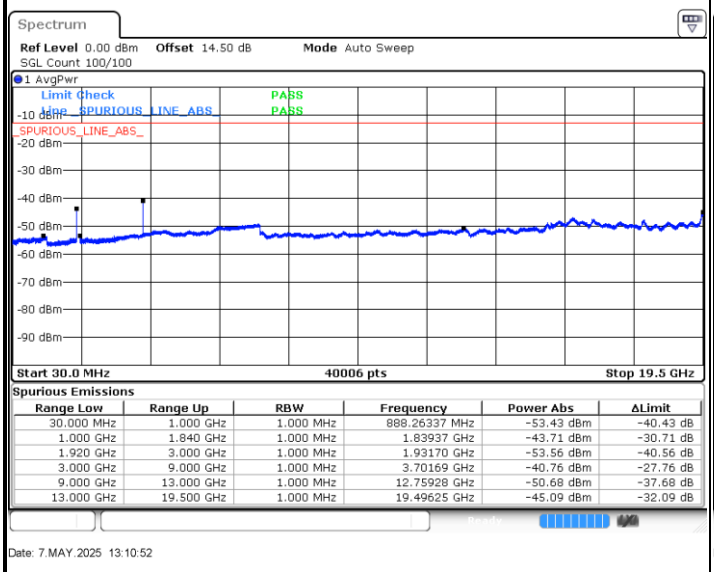
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.52574 MHz	-53.55 dBm	-40.55 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.70882 GHz	-54.10 dBm	-41.10 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-53.55 dBm	-40.55 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.80118 GHz	-41.14 dBm	-28.14 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71479 GHz	-50.73 dBm	-37.73 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49775 GHz	-45.20 dBm	-32.20 dB

Date: 7.MAY.2025 13:06:03

LTE Band 2 / 15MHz

Lowest Channel / QPSK

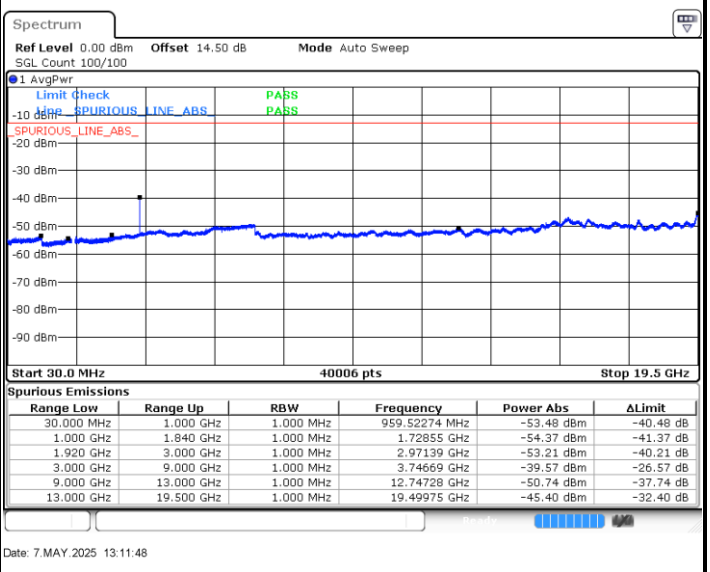


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	888.26337 MHz	-53.43 dBm	-40.43 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83937 GHz	-43.71 dBm	-30.71 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.93170 GHz	-53.56 dBm	-40.56 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-40.76 dBm	-27.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.75928 GHz	-50.68 dBm	-37.68 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49625 GHz	-45.09 dBm	-32.09 dB

Date: 7.MAY.2025 13:10:52

Middle Channel / QPSK

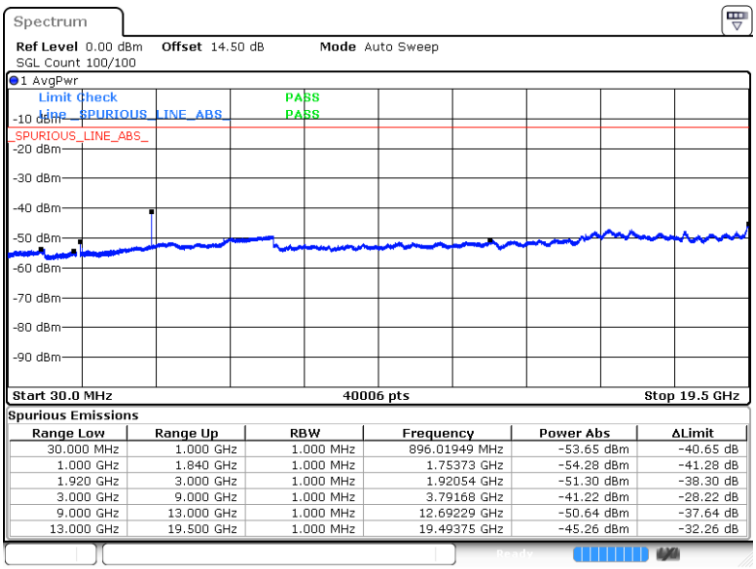


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.52274 MHz	-53.48 dBm	-40.48 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.72855 GHz	-54.37 dBm	-41.37 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97139 GHz	-53.21 dBm	-40.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-39.57 dBm	-26.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74728 GHz	-50.74 dBm	-37.74 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49975 GHz	-45.40 dBm	-32.40 dB

Date: 7.MAY.2025 13:11:48

Highest Channel / QPSK



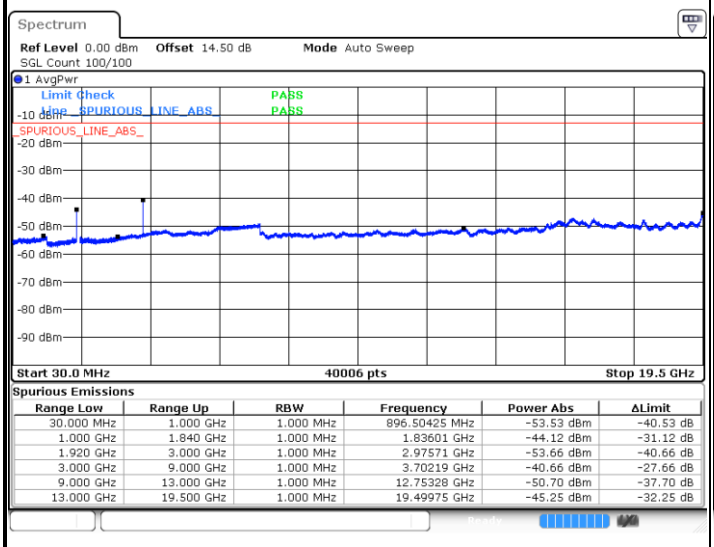
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.01949 MHz	-53.65 dBm	-40.65 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.75373 GHz	-54.28 dBm	-41.28 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92054 GHz	-51.30 dBm	-38.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79168 GHz	-41.22 dBm	-28.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69229 GHz	-50.64 dBm	-37.64 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49375 GHz	-45.26 dBm	-32.26 dB

Date: 7.MAY.2025 13:17:11

LTE Band 2 / 20MHz

Lowest Channel / QPSK

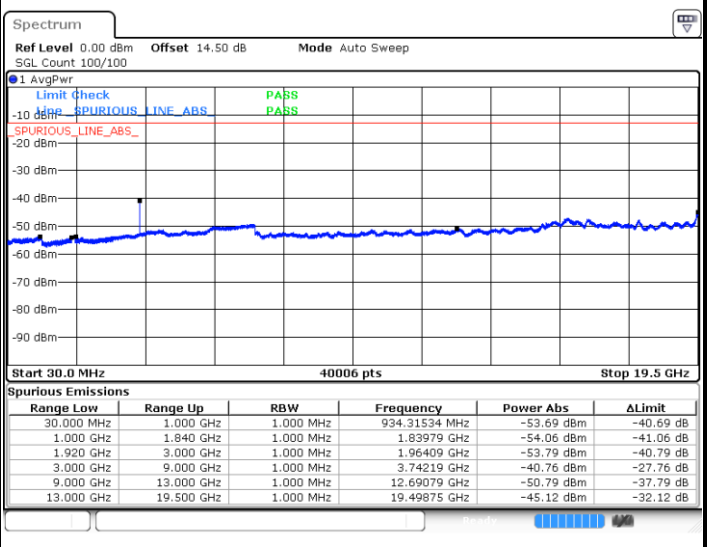


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.50425 MHz	-53.53 dBm	-40.53 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83601 GHz	-44.12 dBm	-31.12 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97571 GHz	-53.66 dBm	-40.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-40.66 dBm	-27.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.75328 GHz	-50.70 dBm	-37.70 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49975 GHz	-45.25 dBm	-32.25 dB

Date: 7.MAY.2025 13:22:00

Middle Channel / QPSK

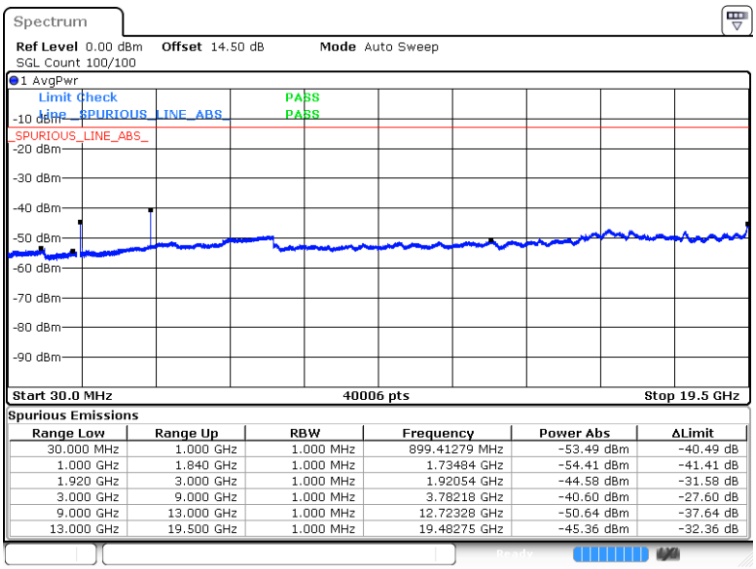


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	934.31534 MHz	-53.69 dBm	-40.69 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-54.06 dBm	-41.06 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.96409 GHz	-53.79 dBm	-40.79 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-40.76 dBm	-27.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69079 GHz	-50.79 dBm	-37.79 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49875 GHz	-45.12 dBm	-32.12 dB

Date: 7.MAY.2025 13:22:56

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	899.41279 MHz	-53.49 dBm	-40.49 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.73484 GHz	-54.41 dBm	-41.41 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92054 GHz	-44.58 dBm	-31.58 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78218 GHz	-40.60 dBm	-27.60 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.72328 GHz	-50.64 dBm	-37.64 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.48275 GHz	-45.36 dBm	-32.36 dB

Date: 7.MAY.2025 13:29:40

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

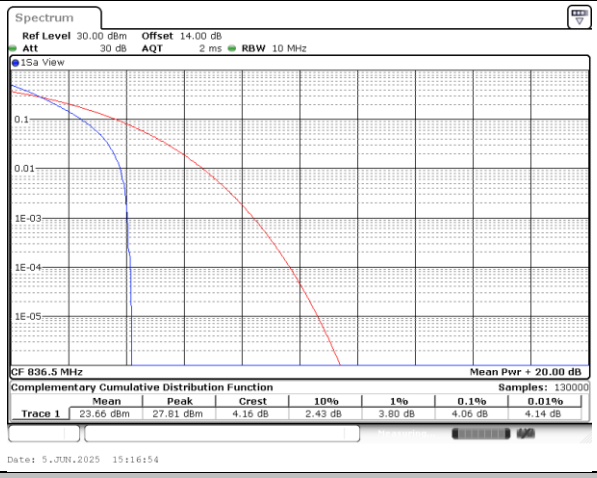
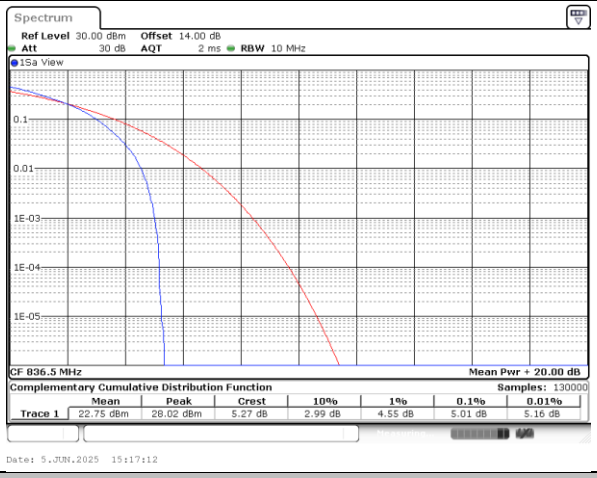
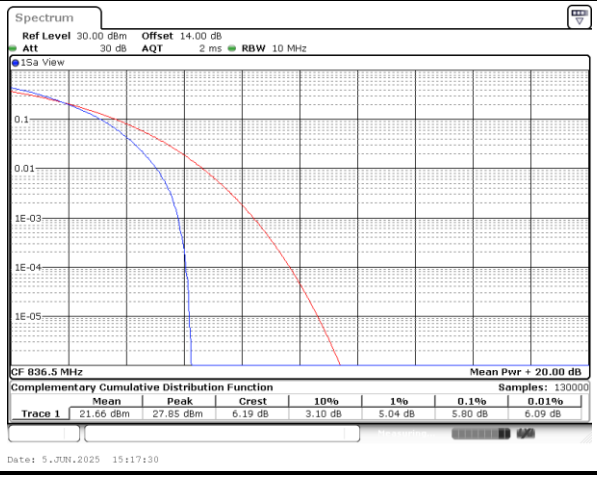
Note:

1. Normal Voltage = 3.93 V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage = 4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 5(Other PA)

Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.06	5.01	5.80	PASS

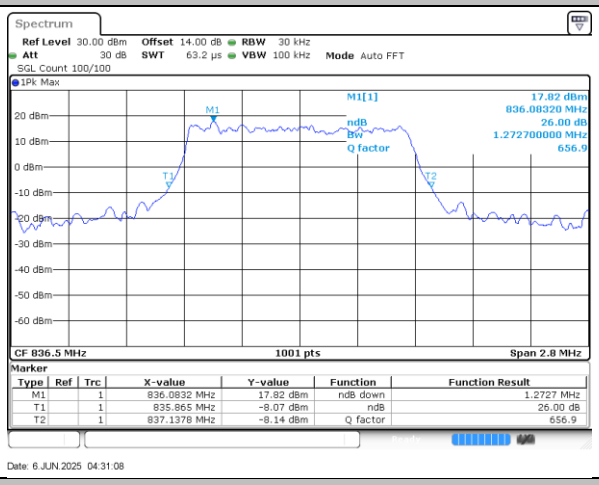
LTE Band 5 / 10MHz / QPSK	LTE Band 5 / 10MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 5 / 10MHz / 64QAM	
Middle Channel / Full RB	
	

26dB Bandwidth

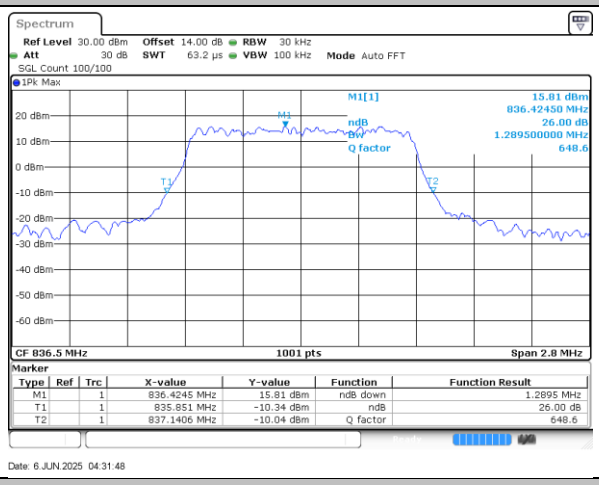
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.27	1.29	2.98	3.00	4.97	4.83	9.67	9.63	-	-	-	-

LTE Band 5

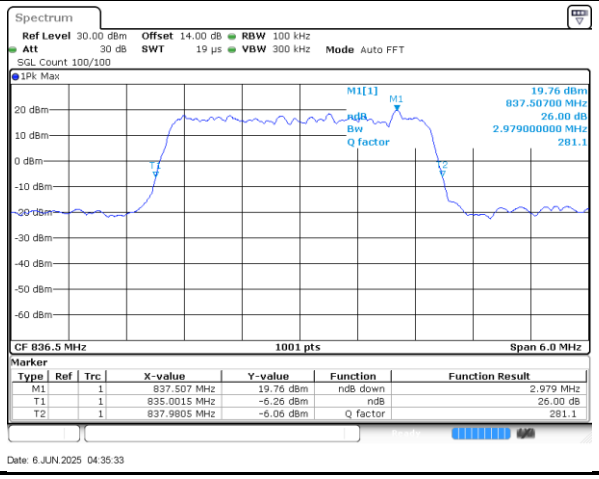
Middle Channel / 1.4MHz / QPSK



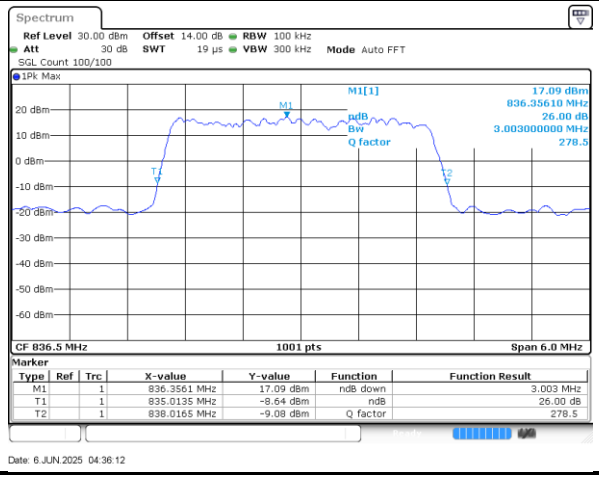
Middle Channel / 1.4MHz / 16QAM



Middle Channel / 3MHz / QPSK

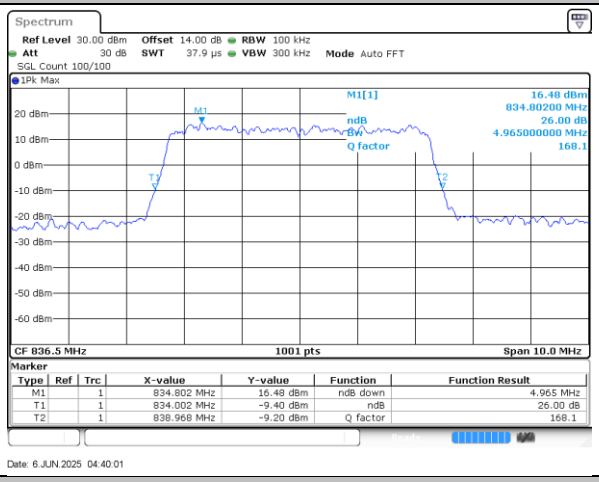


Middle Channel / 3MHz / 16QAM

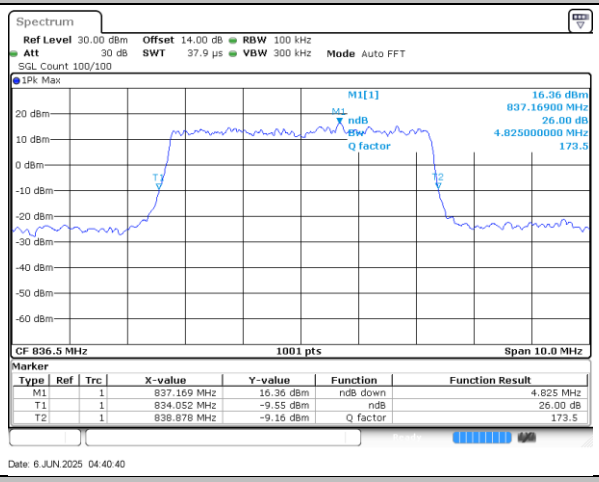


LTE Band 5

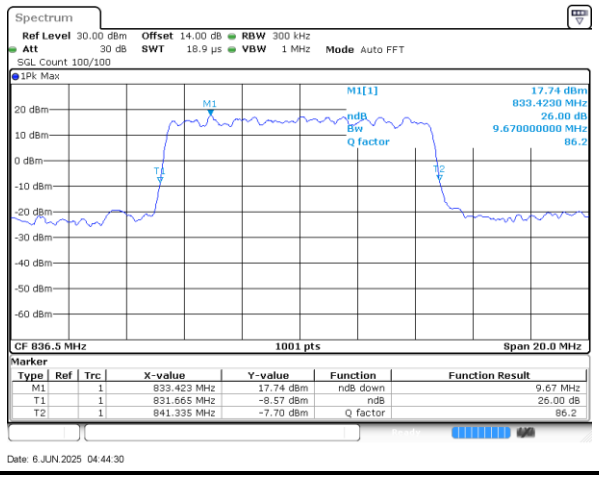
Middle Channel / 5MHz / QPSK



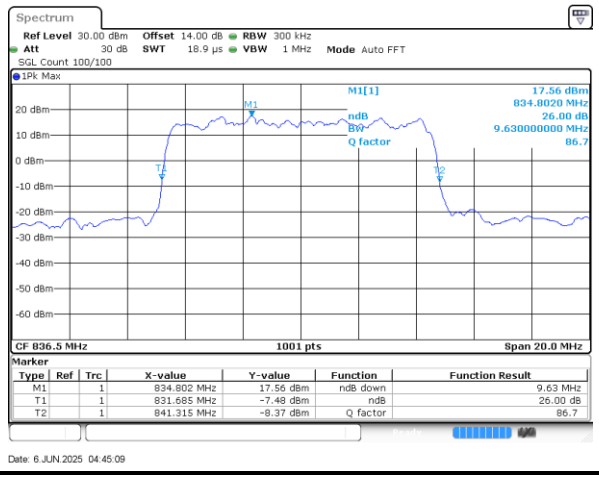
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM

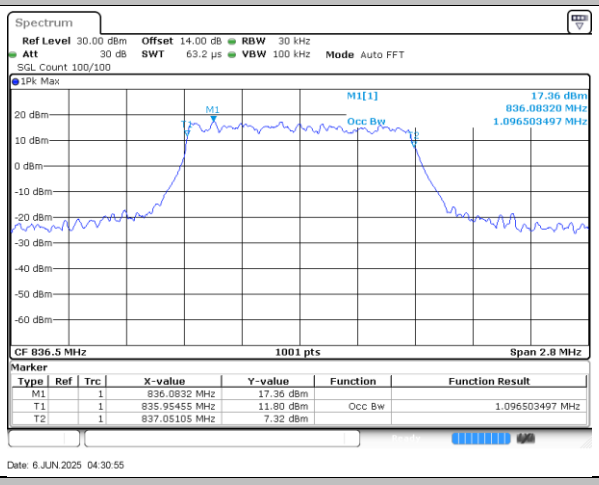


Occupied Bandwidth

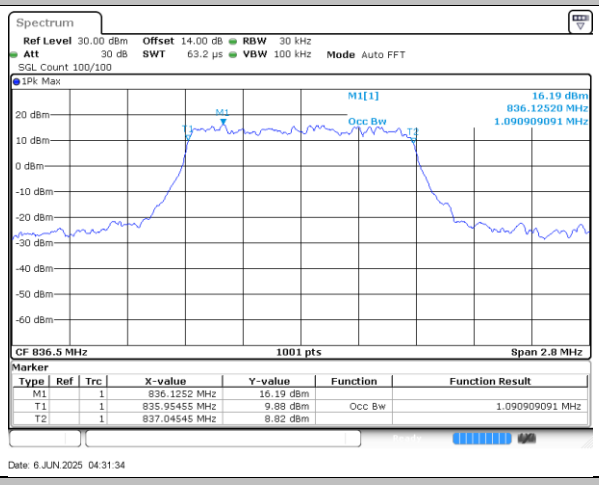
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.10	1.09	2.72	2.70	4.49	4.48	9.07	9.05	-	-	-	-

LTE Band 5

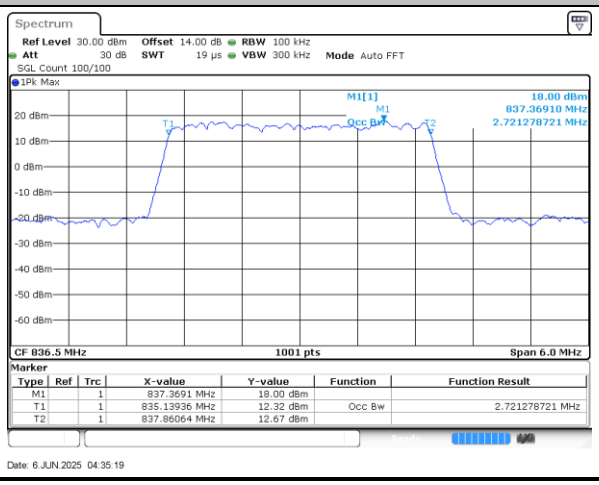
Middle Channel / 1.4MHz / QPSK



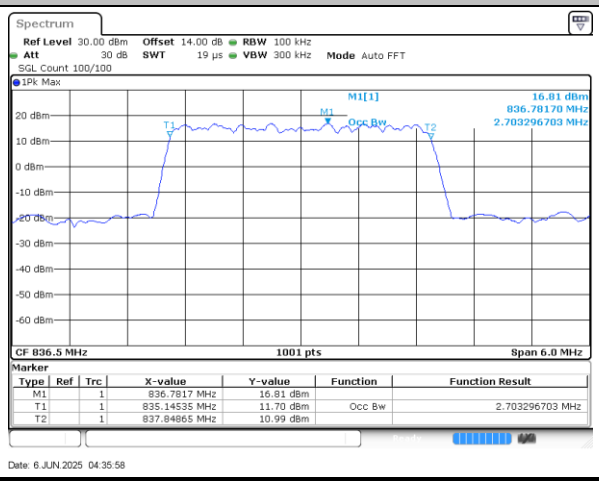
Middle Channel / 1.4MHz / 16QAM

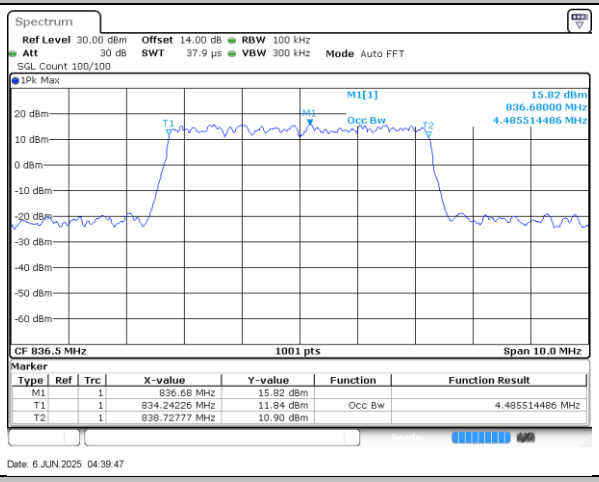
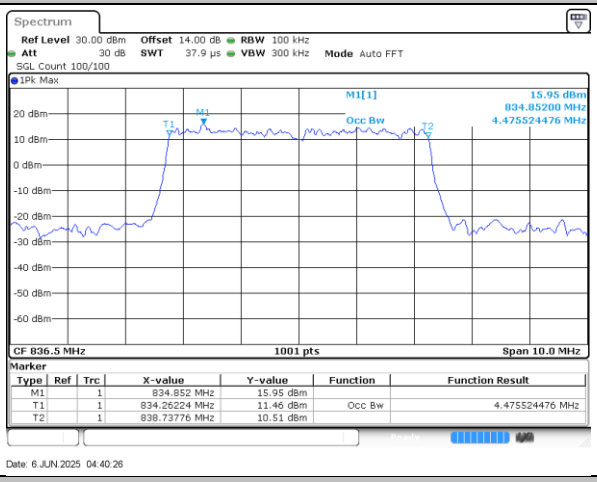
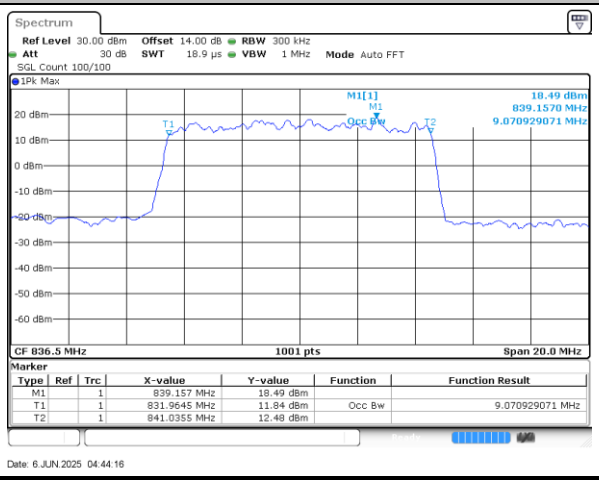
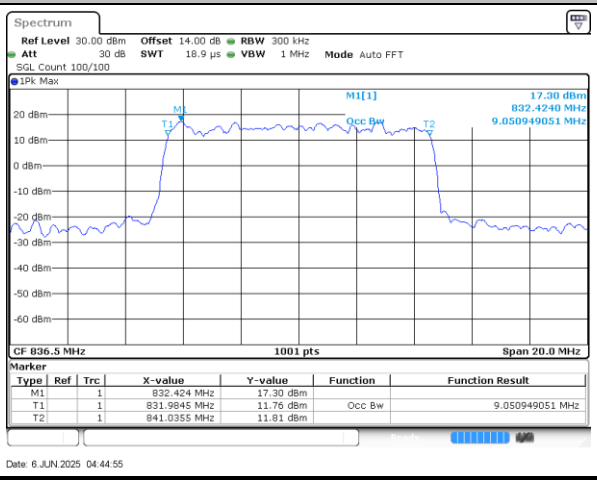


Middle Channel / 3MHz / QPSK



Middle Channel / 3MHz / 16QAM

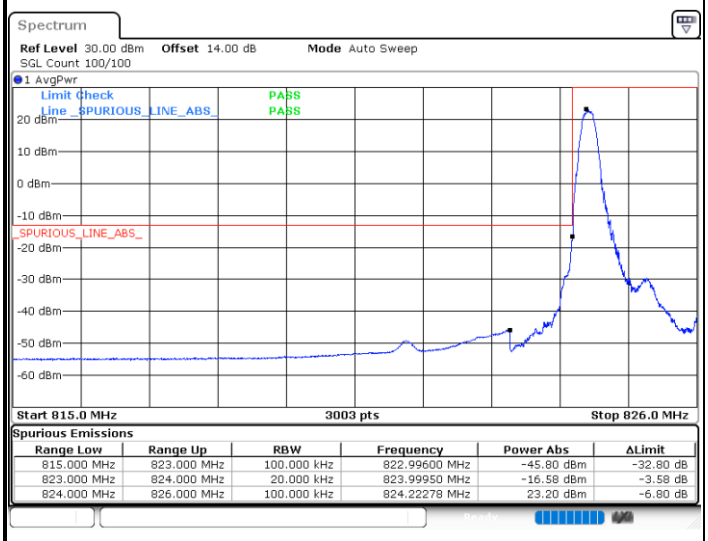


LTE Band 5	
Middle Channel / 5MHz / QPSK	**Middle Channel / 5MHz / 16QAM**
	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
	

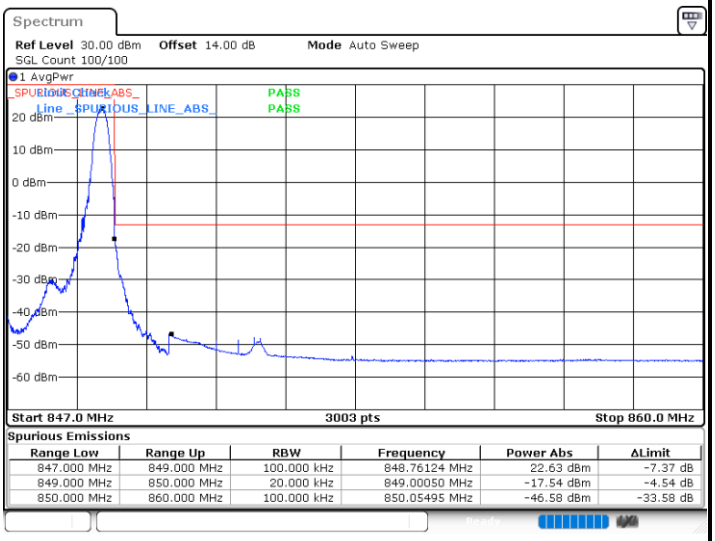
Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

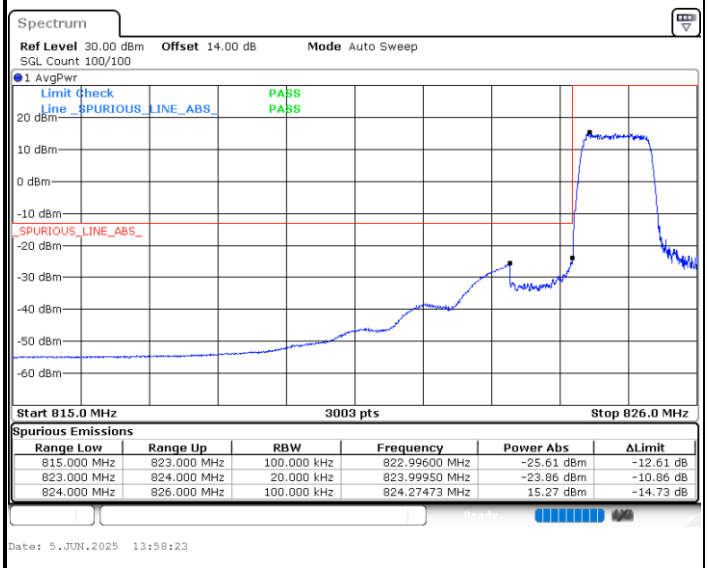
Lowest Band Edge / 1RB



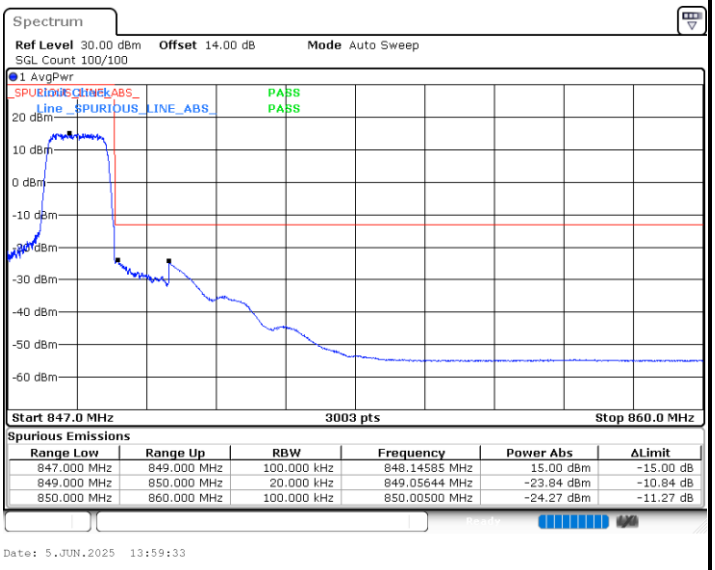
Highest Band Edge / 1RB



Lowest Band Edge / Full RB

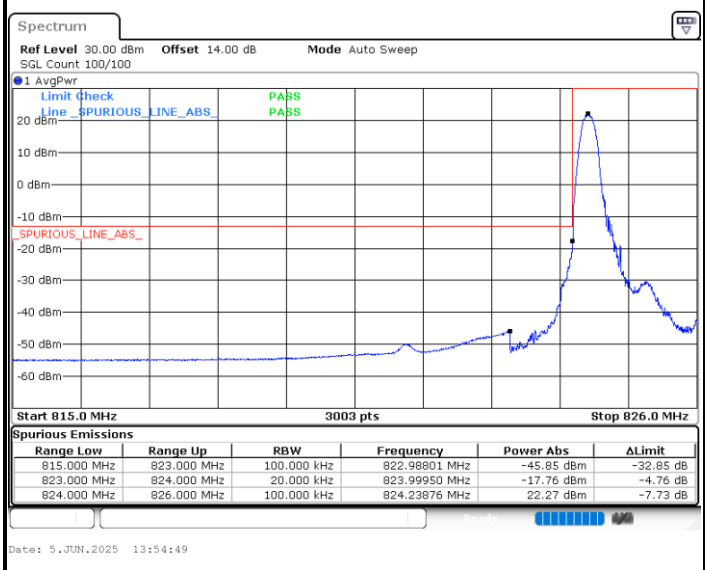


Highest Band Edge / Full RB



LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

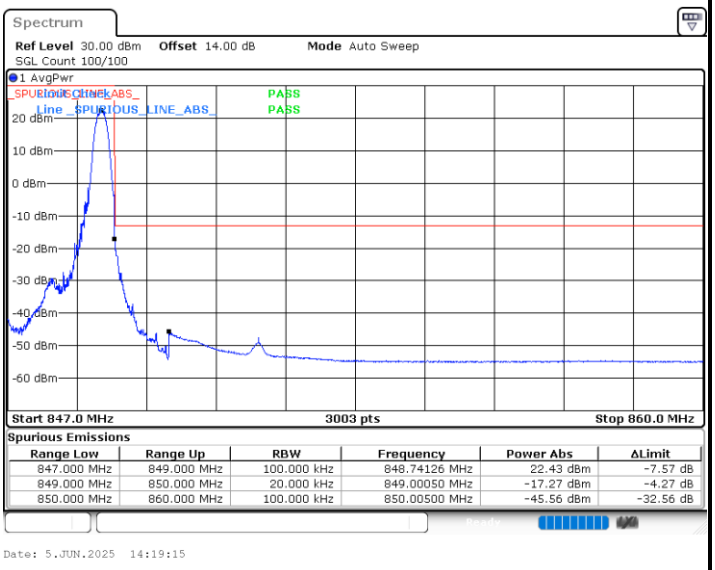


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-45.85 dBm	-32.85 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-17.76 dBm	-4.76 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.23876 MHz	22.27 dBm	-7.73 dB

Date: 5.JUN.2025 13:54:49

Highest Band Edge / 1 RB

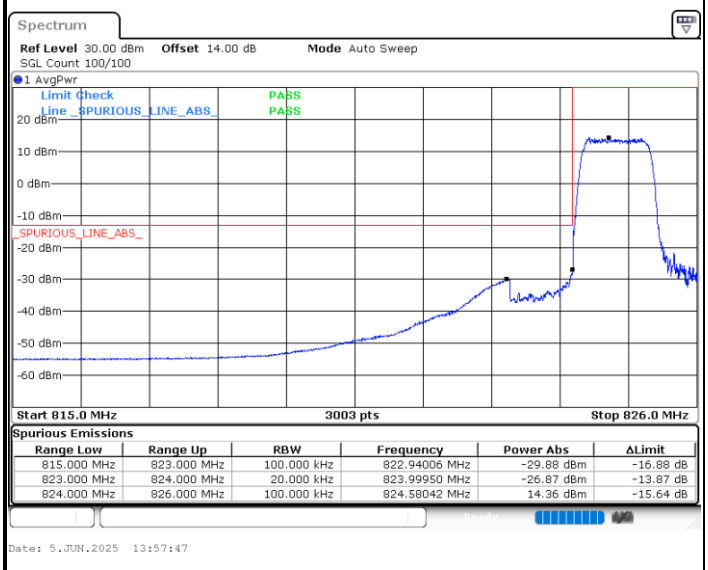


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.74126 MHz	22.43 dBm	-7.57 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-17.27 dBm	-4.27 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-45.56 dBm	-32.56 dB

Date: 5.JUN.2025 14:19:15

Lowest Band Edge / Full RB

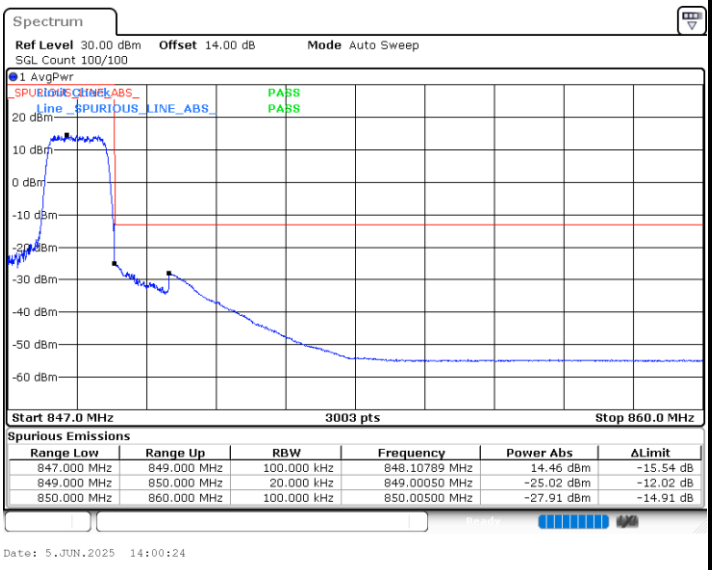


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.94006 MHz	-29.88 dBm	-16.88 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-26.87 dBm	-13.87 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.58042 MHz	14.36 dBm	-15.64 dB

Date: 5.JUN.2025 13:57:47

Highest Band Edge / Full RB



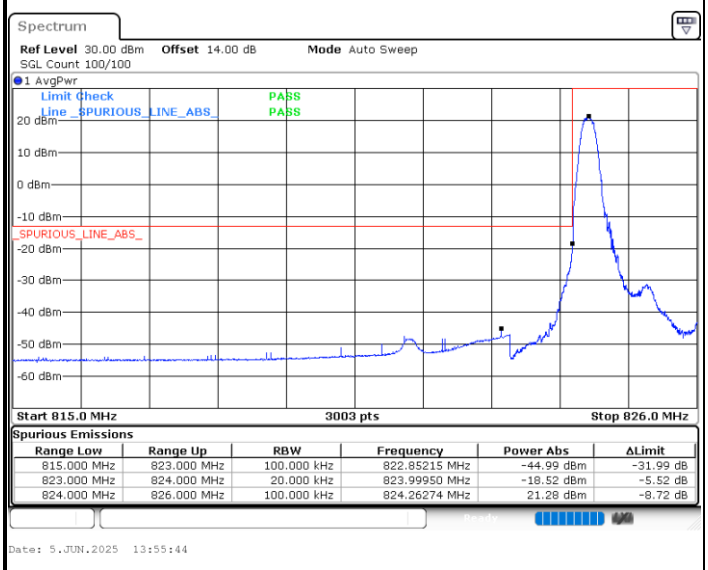
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.10789 MHz	14.46 dBm	-15.54 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-25.02 dBm	-12.02 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-27.91 dBm	-14.91 dB

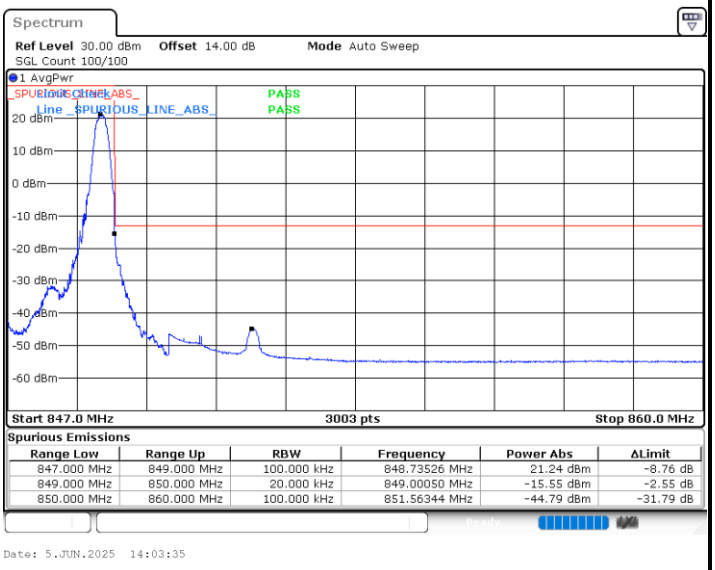
Date: 5.JUN.2025 14:00:24

LTE Band 5 / 1.4MHz / 64QAM

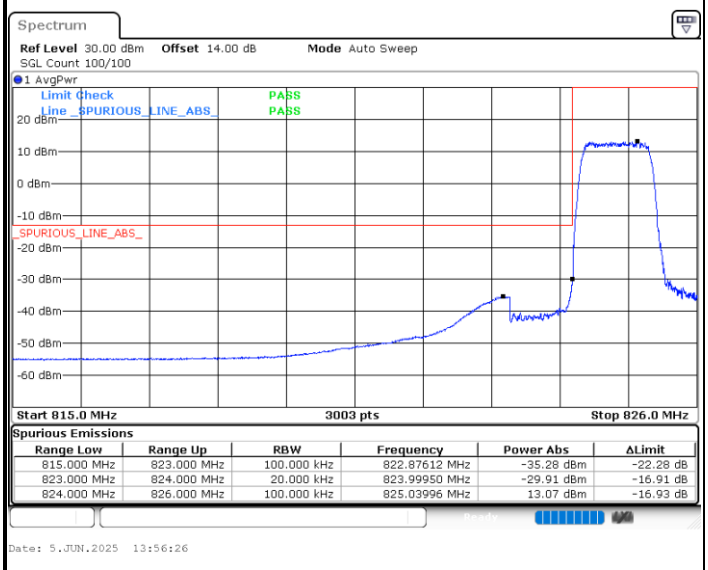
Lowest Band Edge / 1 RB



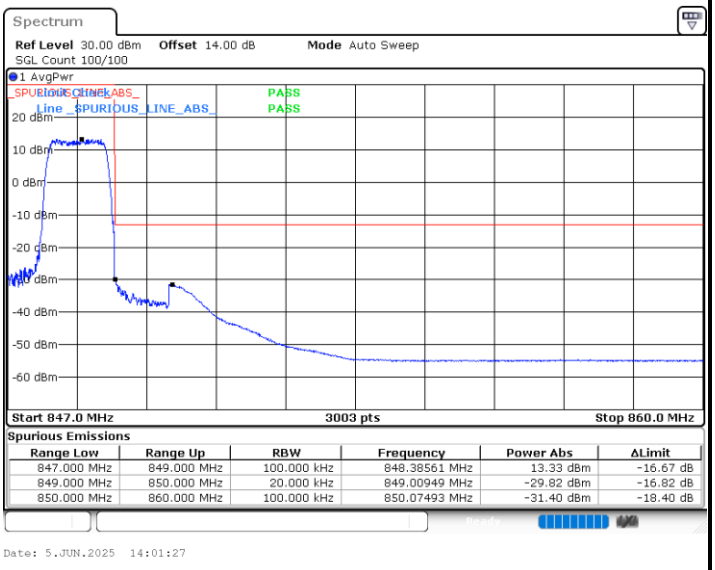
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

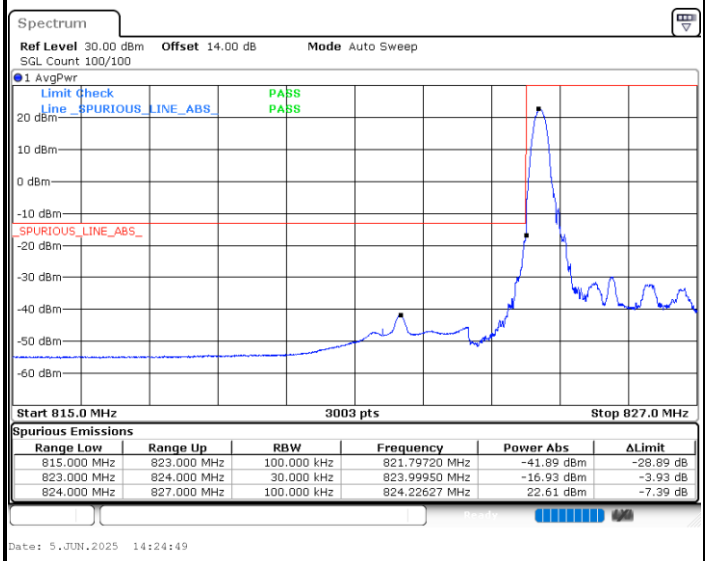


Highest Band Edge / Full RB



LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB

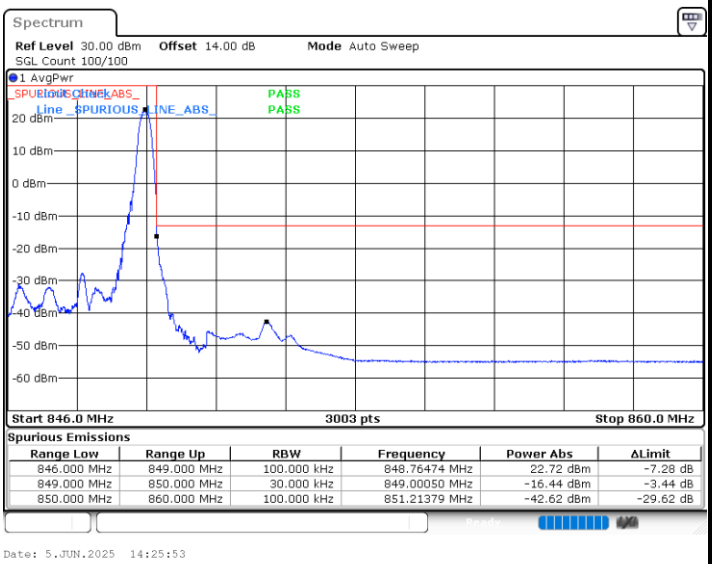


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	821.79720 MHz	-41.89 dBm	-28.89 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-16.93 dBm	-3.93 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.22627 MHz	22.61 dBm	-7.39 dB

Date: 5.JUN.2025 14:24:49

Highest Band Edge / 1RB

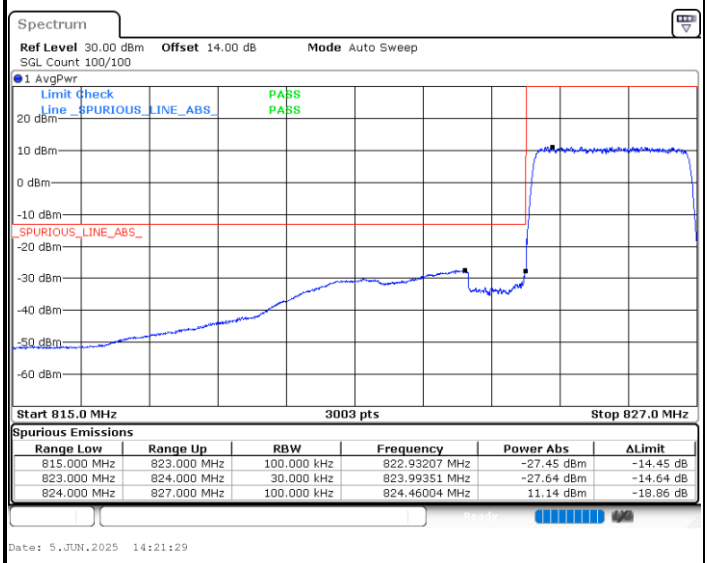


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.76474 MHz	22.72 dBm	-7.28 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-16.44 dBm	-3.44 dB
850.000 MHz	860.000 MHz	100.000 kHz	851.21379 MHz	-42.62 dBm	-29.62 dB

Date: 5.JUN.2025 14:25:53

Lowest Band Edge / Full RB

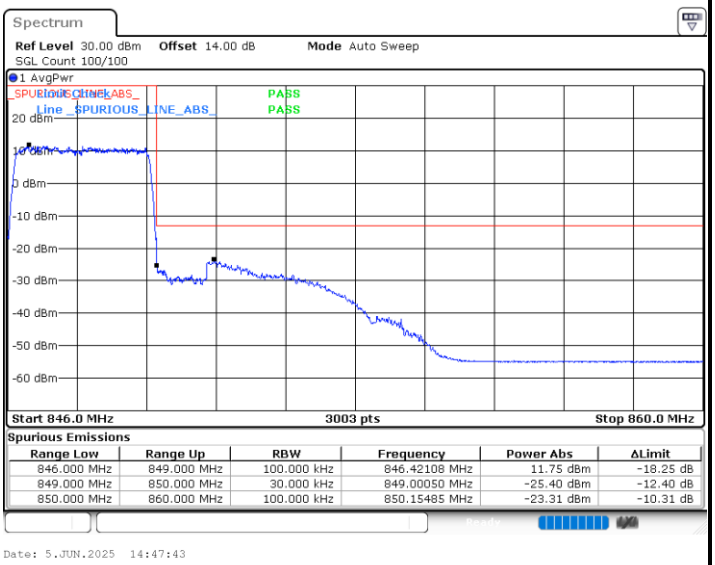


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.93207 MHz	-27.45 dBm	-14.45 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99351 MHz	-27.64 dBm	-14.64 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.46004 MHz	11.14 dBm	-18.86 dB

Date: 5.JUN.2025 14:21:29

Highest Band Edge / Full RB



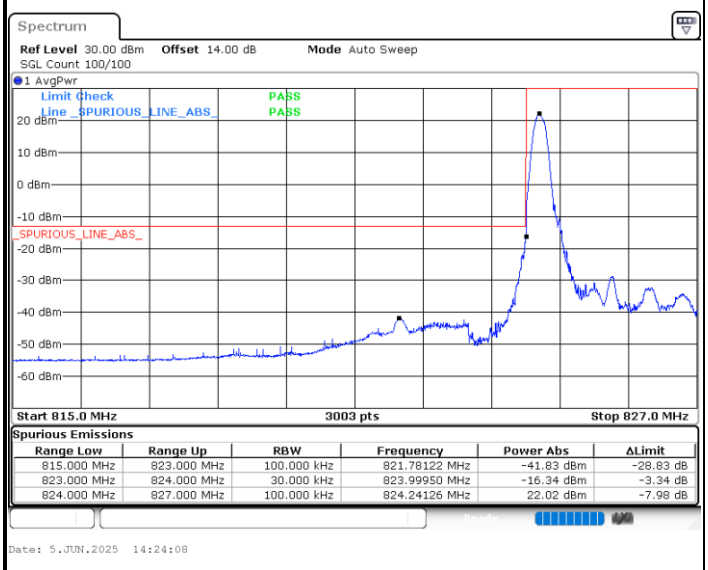
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	846.42108 MHz	11.75 dBm	-18.25 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-25.40 dBm	-12.40 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.15485 MHz	-23.31 dBm	-10.31 dB

Date: 5.JUN.2025 14:47:43

LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

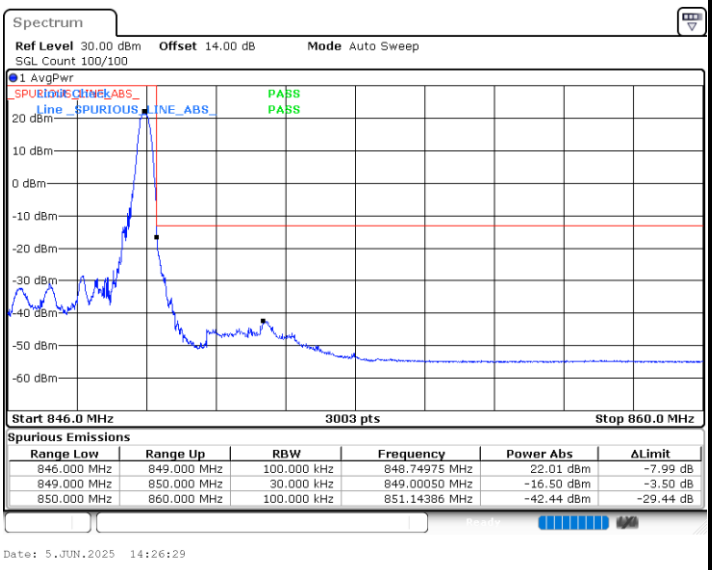


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	821.78122 MHz	-41.83 dBm	-28.83 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-16.34 dBm	-3.34 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.24126 MHz	22.02 dBm	-7.98 dB

Date: 5.JUN.2025 14:24:08

Highest Band Edge / 1 RB

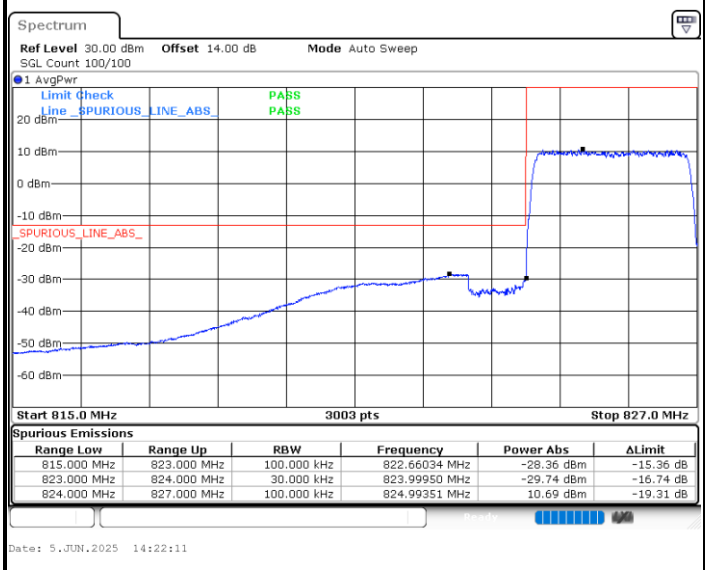


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.74975 MHz	22.01 dBm	-7.99 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-16.50 dBm	-3.50 dB
850.000 MHz	860.000 MHz	100.000 kHz	851.14386 MHz	-42.44 dBm	-29.44 dB

Date: 5.JUN.2025 14:26:29

Lowest Band Edge / Full RB

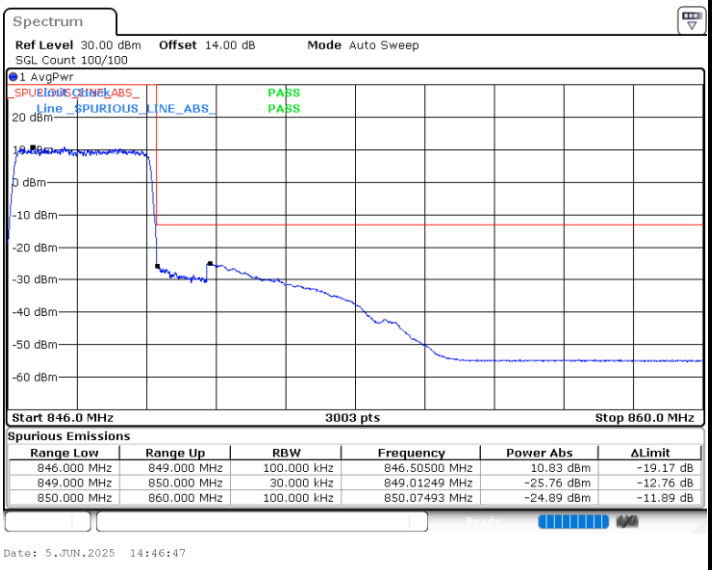


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.66034 MHz	-28.36 dBm	-15.36 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-29.74 dBm	-16.74 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.99351 MHz	10.69 dBm	-19.31 dB

Date: 5.JUN.2025 14:22:11

Highest Band Edge / Full RB



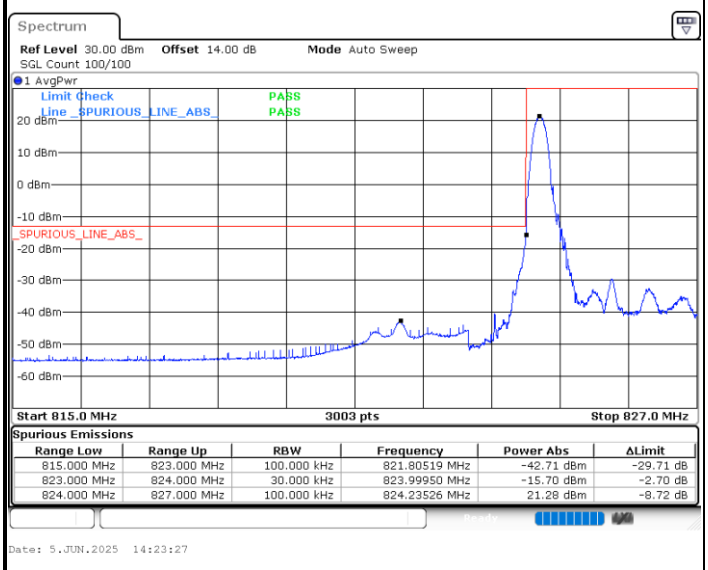
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	846.50500 MHz	10.83 dBm	-19.17 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.01249 MHz	-25.76 dBm	-12.76 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.07493 MHz	-24.89 dBm	-11.89 dB

Date: 5.JUN.2025 14:46:47

LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / 1 RB

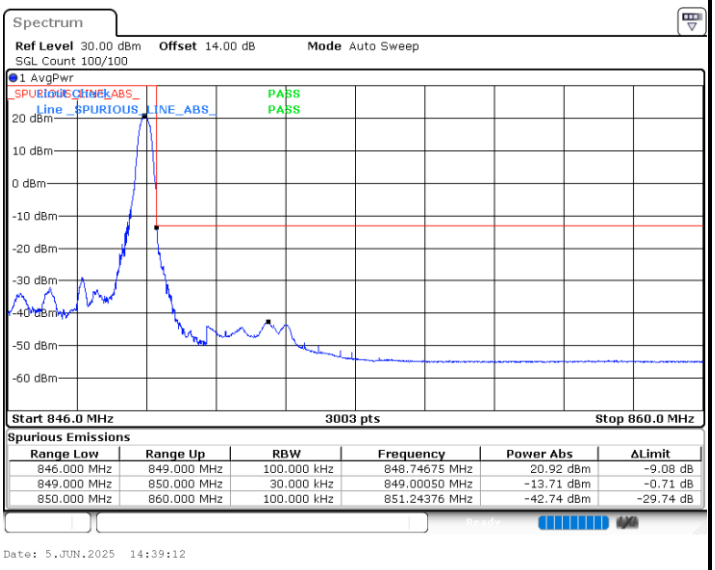


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	821.80519 MHz	-42.71 dBm	-29.71 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-15.70 dBm	-2.70 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.23526 MHz	21.28 dBm	-8.72 dB

Date: 5.JUN.2025 14:23:27

Highest Band Edge / 1 RB

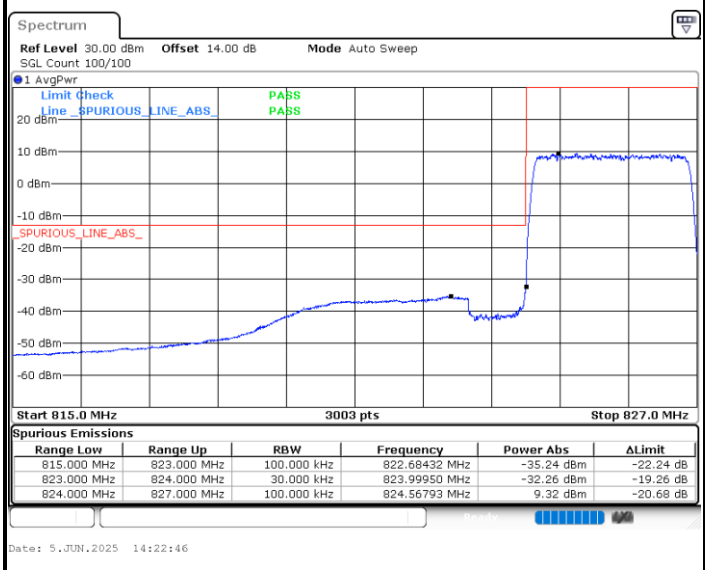


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.74675 MHz	20.92 dBm	-9.08 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-13.71 dBm	-0.71 dB
850.000 MHz	860.000 MHz	100.000 kHz	851.24376 MHz	-42.74 dBm	-29.74 dB

Date: 5.JUN.2025 14:39:12

Lowest Band Edge / Full RB

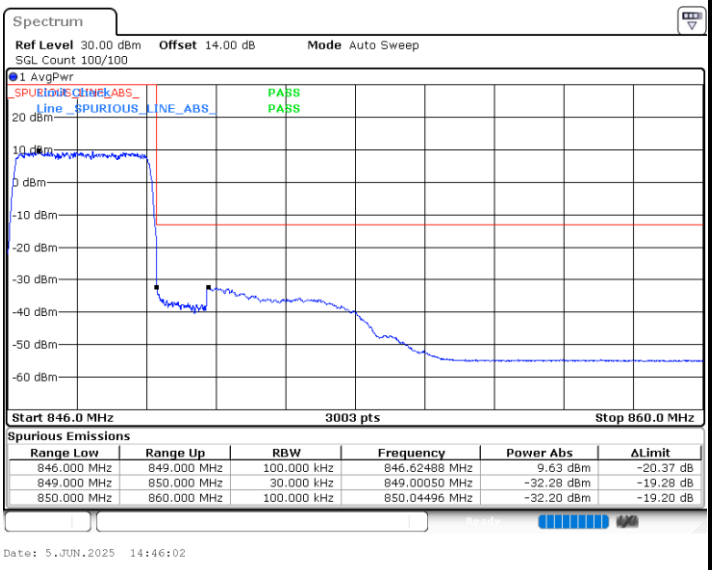


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.68432 MHz	-35.24 dBm	-22.24 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-32.26 dBm	-19.26 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.56793 MHz	9.32 dBm	-20.68 dB

Date: 5.JUN.2025 14:22:46

Highest Band Edge / Full RB



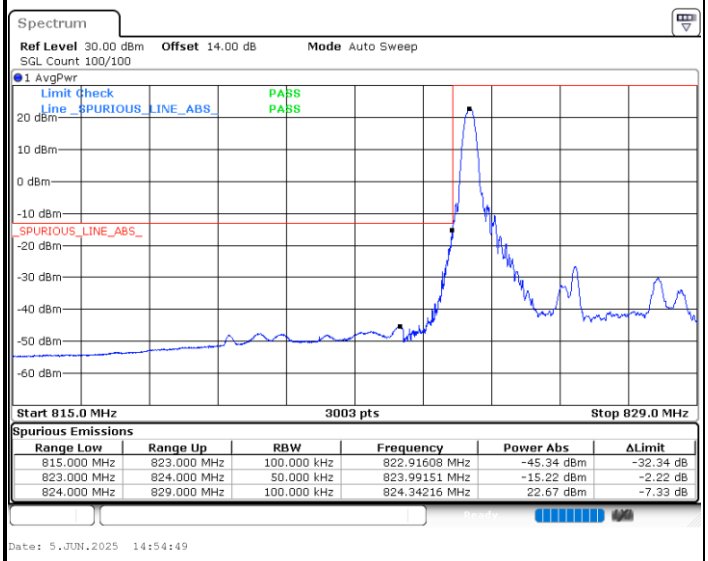
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	846.62488 MHz	9.63 dBm	-20.37 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-32.28 dBm	-19.28 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.04496 MHz	-32.20 dBm	-19.20 dB

Date: 5.JUN.2025 14:46:02

LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1RB

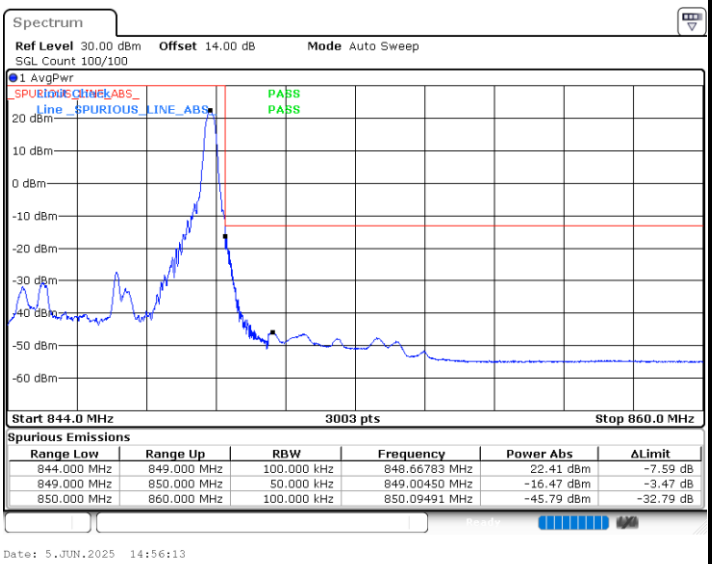


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.91608 MHz	-45.34 dBm	-32.34 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99151 MHz	-15.22 dBm	-2.22 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.34216 MHz	22.67 dBm	-7.33 dB

Date: 5.JUN.2025 14:54:49

Highest Band Edge / 1RB

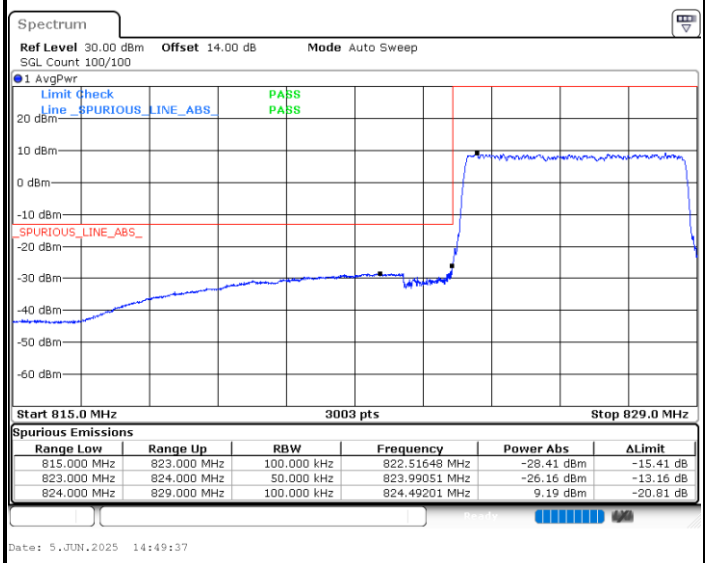


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.66783 MHz	22.41 dBm	-7.59 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00450 MHz	-16.47 dBm	-3.47 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.09491 MHz	-45.79 dBm	-32.79 dB

Date: 5.JUN.2025 14:56:13

Lowest Band Edge / Full RB

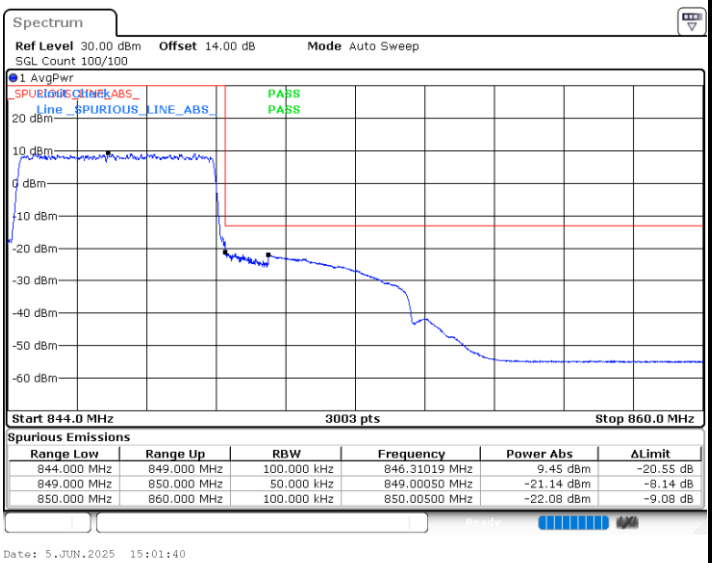


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.51648 MHz	-28.41 dBm	-15.41 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99051 MHz	-26.16 dBm	-13.16 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.49201 MHz	9.19 dBm	-20.81 dB

Date: 5.JUN.2025 14:49:37

Highest Band Edge / Full RB



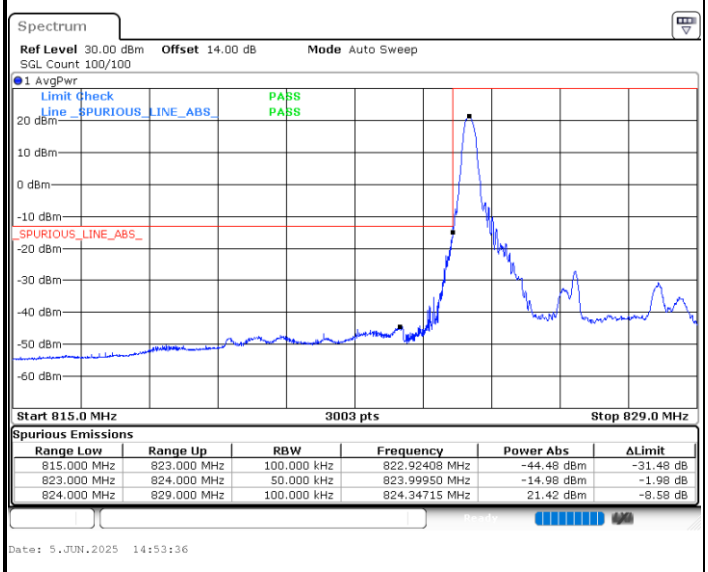
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	846.31019 MHz	9.45 dBm	-20.55 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-21.14 dBm	-8.14 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-22.08 dBm	-9.08 dB

Date: 5.JUN.2025 15:01:40

LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

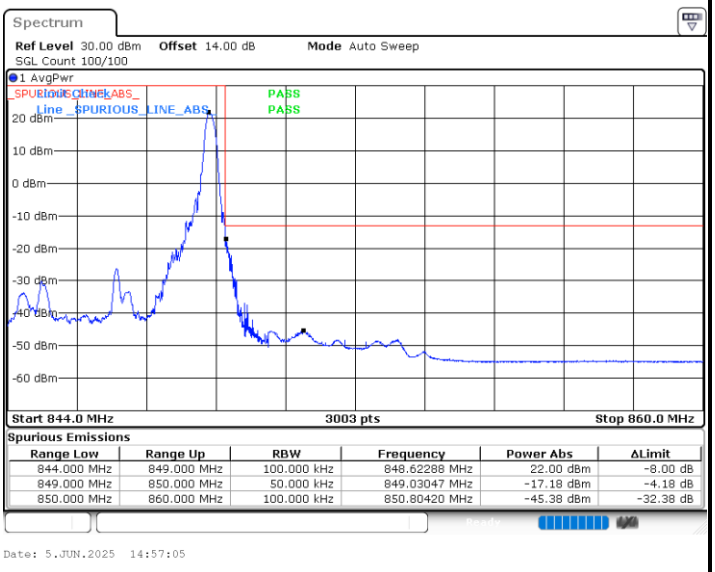


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.92408 MHz	-44.48 dBm	-31.48 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-14.98 dBm	-1.98 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.34715 MHz	21.42 dBm	-8.58 dB

Date: 5.JUN.2025 14:53:36

Highest Band Edge / 1 RB

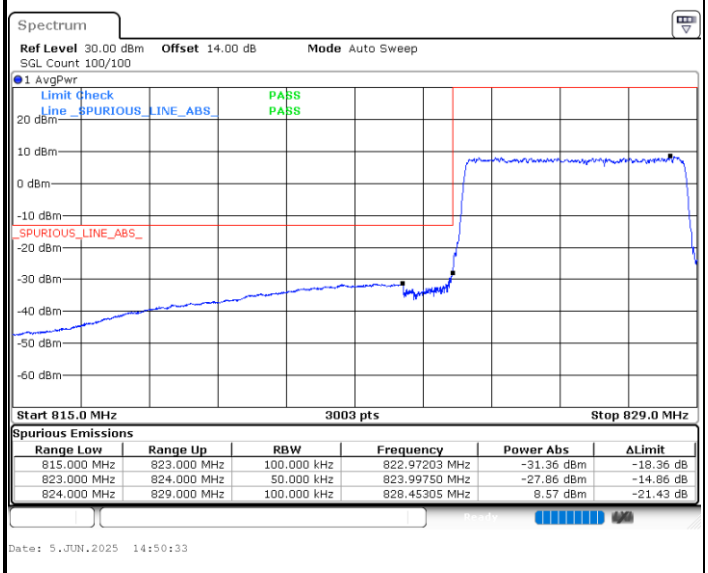


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.62288 MHz	22.00 dBm	-8.00 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.03047 MHz	-17.18 dBm	-4.18 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.80420 MHz	-45.38 dBm	-32.38 dB

Date: 5.JUN.2025 14:57:05

Lowest Band Edge / Full RB

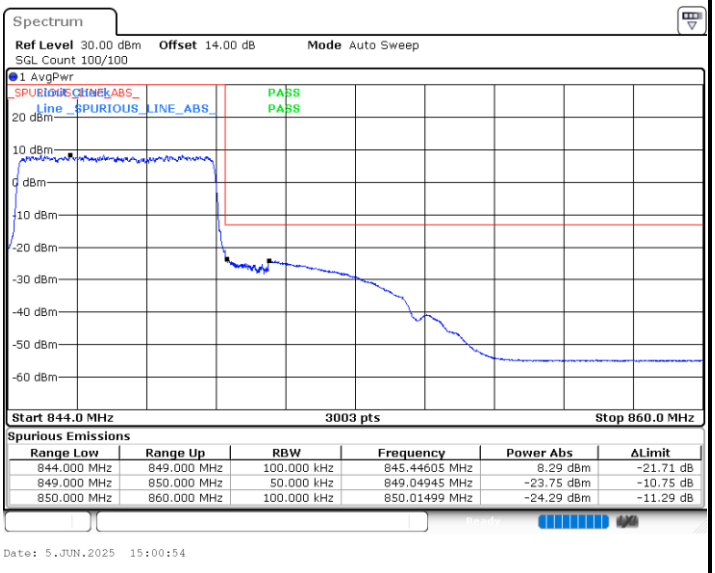


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.97203 MHz	-31.36 dBm	-18.36 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99750 MHz	-27.86 dBm	-14.86 dB
824.000 MHz	829.000 MHz	100.000 kHz	828.45305 MHz	8.57 dBm	-21.43 dB

Date: 5.JUN.2025 14:50:33

Highest Band Edge / Full RB



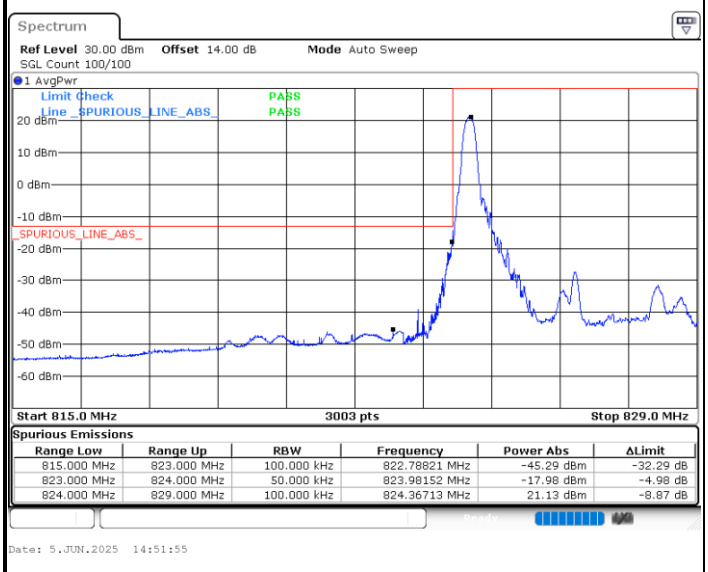
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	845.44605 MHz	8.29 dBm	-21.71 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.04945 MHz	-23.75 dBm	-10.75 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-24.29 dBm	-11.29 dB

Date: 5.JUN.2025 15:00:54

LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

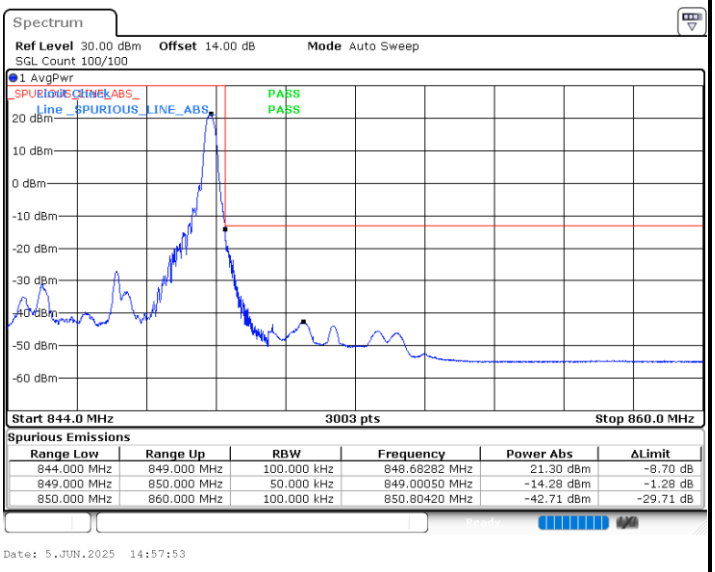


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.78821 MHz	-45.29 dBm	-32.29 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.98152 MHz	-17.98 dBm	-4.98 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.36713 MHz	21.13 dBm	-8.87 dB

Date: 5.JUN.2025 14:51:55

Highest Band Edge / 1 RB

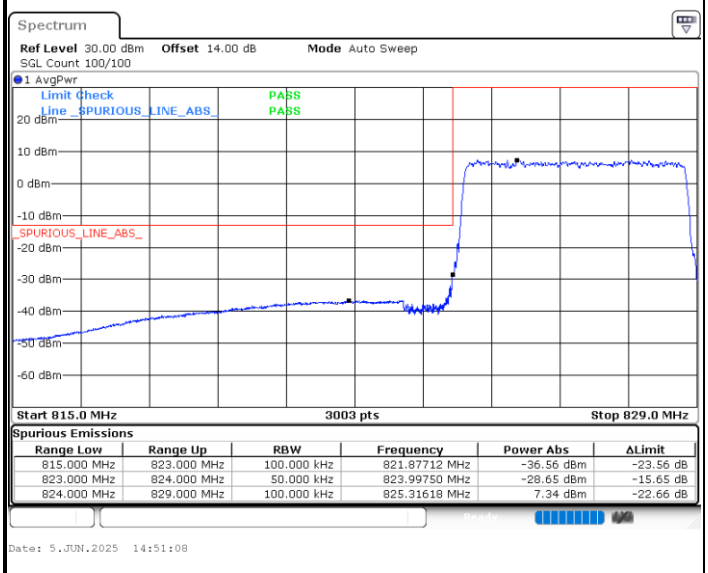


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.68282 MHz	21.30 dBm	-8.70 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-14.28 dBm	-1.28 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.80420 MHz	-42.71 dBm	-29.71 dB

Date: 5.JUN.2025 14:57:53

Lowest Band Edge / Full RB

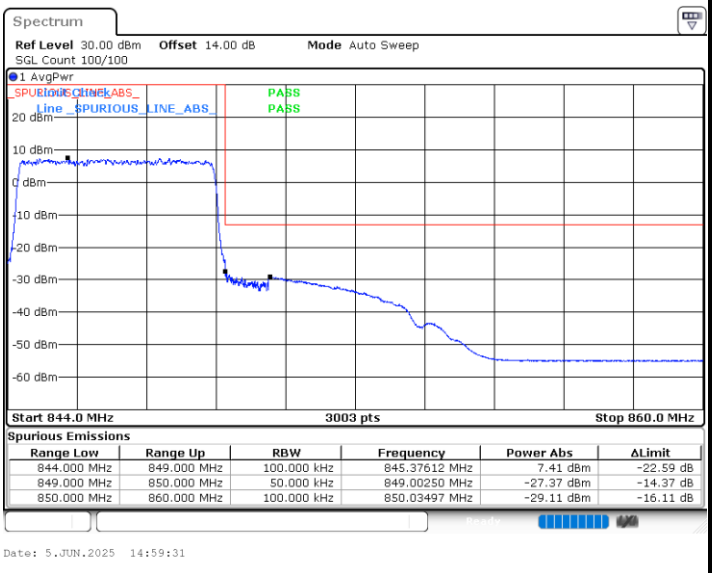


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	821.87712 MHz	-36.56 dBm	-23.56 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99750 MHz	-28.65 dBm	-15.65 dB
824.000 MHz	829.000 MHz	100.000 kHz	825.31618 MHz	7.34 dBm	-22.66 dB

Date: 5.JUN.2025 14:51:08

Highest Band Edge / Full RB



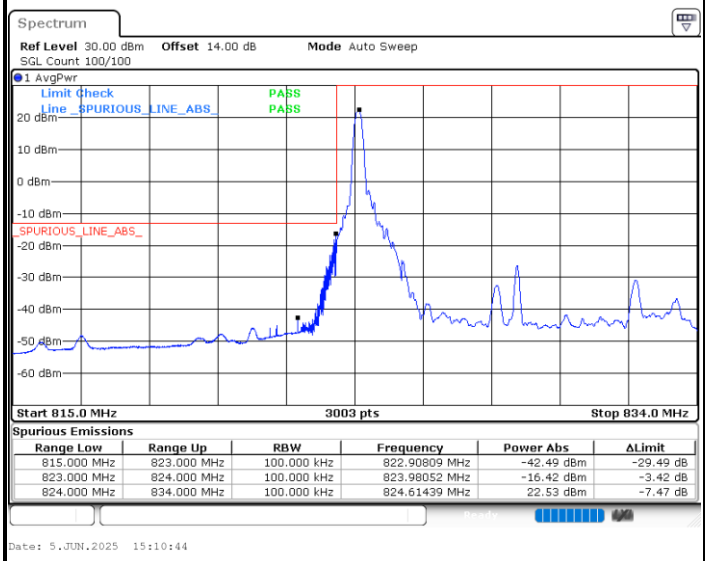
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	845.37612 MHz	7.41 dBm	-22.59 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00250 MHz	-27.37 dBm	-14.37 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.03497 MHz	-29.11 dBm	-16.11 dB

Date: 5.JUN.2025 14:59:31

LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1RB

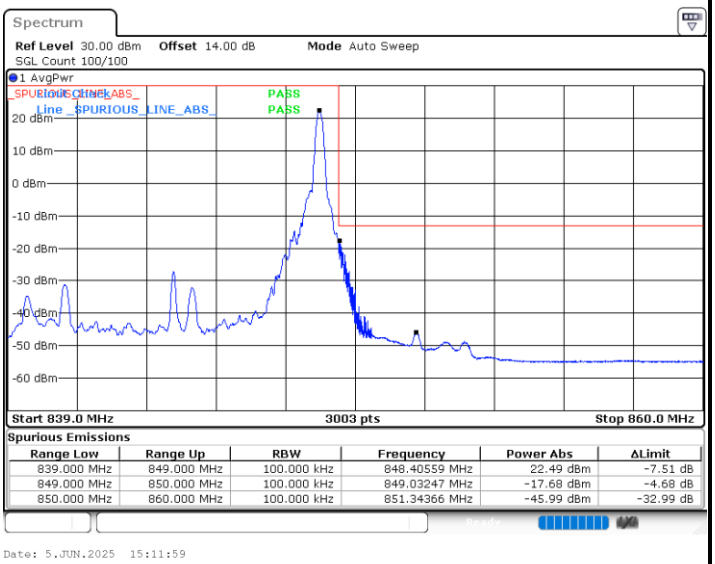


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.90809 MHz	-42.49 dBm	-29.49 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.98052 MHz	-16.42 dBm	-3.42 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.61439 MHz	22.53 dBm	-7.47 dB

Date: 5.JUN.2025 15:10:44

Highest Band Edge / 1RB

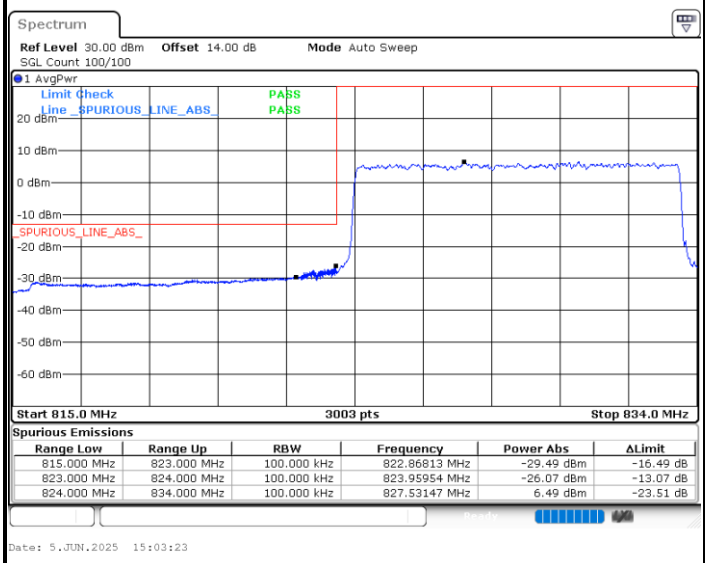


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.40559 MHz	22.49 dBm	-7.51 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.03247 MHz	-17.68 dBm	-4.68 dB
850.000 MHz	860.000 MHz	100.000 kHz	851.34366 MHz	-45.99 dBm	-32.99 dB

Date: 5.JUN.2025 15:11:59

Lowest Band Edge / Full RB

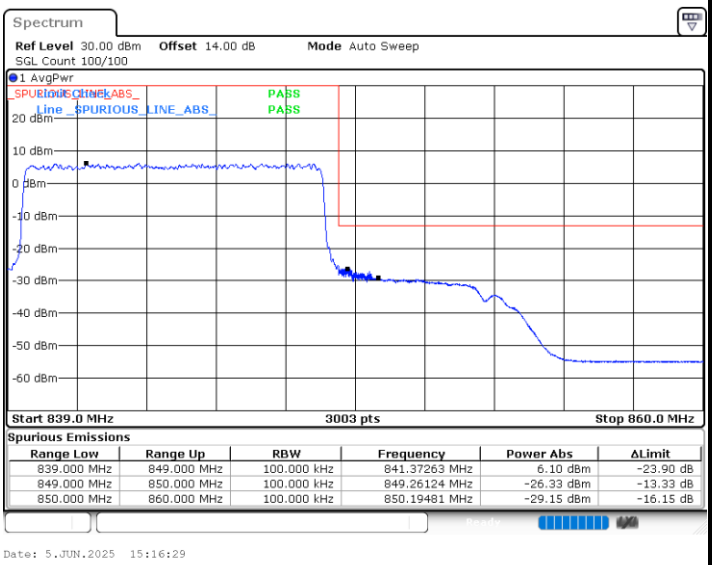


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.86813 MHz	-29.49 dBm	-16.49 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.95954 MHz	-26.07 dBm	-13.07 dB
824.000 MHz	834.000 MHz	100.000 kHz	827.53147 MHz	6.49 dBm	-23.51 dB

Date: 5.JUN.2025 15:03:23

Highest Band Edge / Full RB



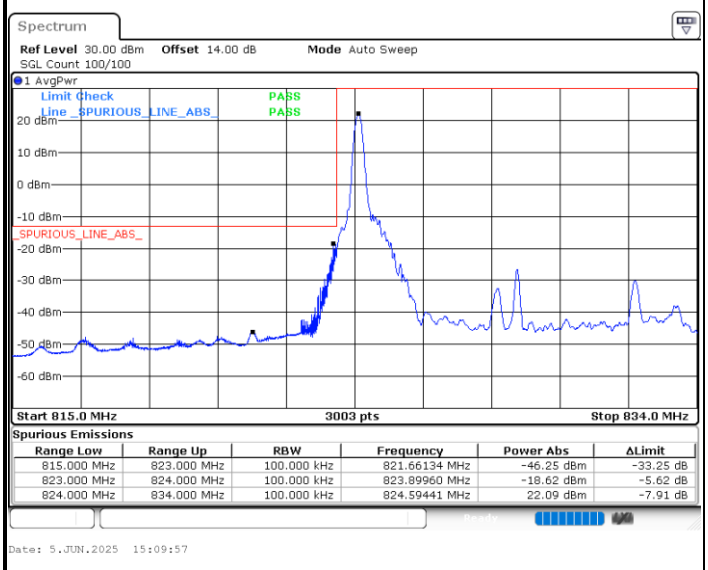
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	841.37263 MHz	6.10 dBm	-23.90 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.26124 MHz	-26.33 dBm	-13.33 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.19481 MHz	-29.15 dBm	-16.15 dB

Date: 5.JUN.2025 15:16:29

LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

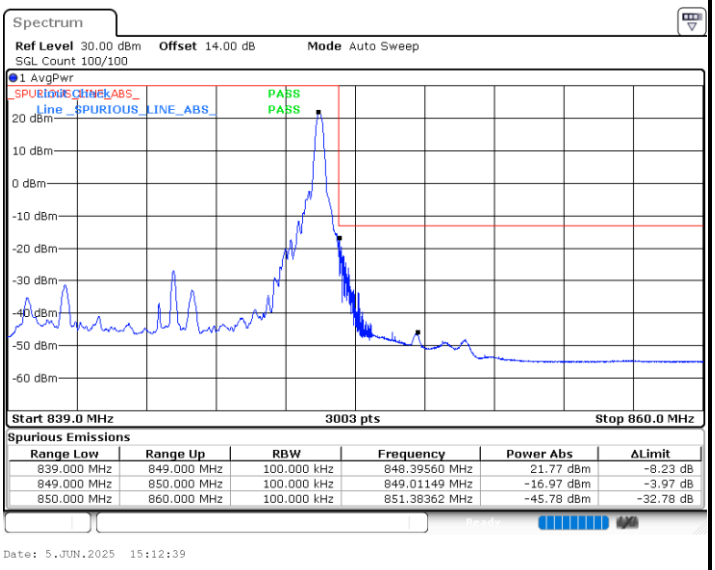


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	821.66134 MHz	-46.25 dBm	-33.25 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.89960 MHz	-18.62 dBm	-5.62 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.59441 MHz	22.09 dBm	-7.91 dB

Date: 5.JUN.2025 15:09:57

Highest Band Edge / 1 RB

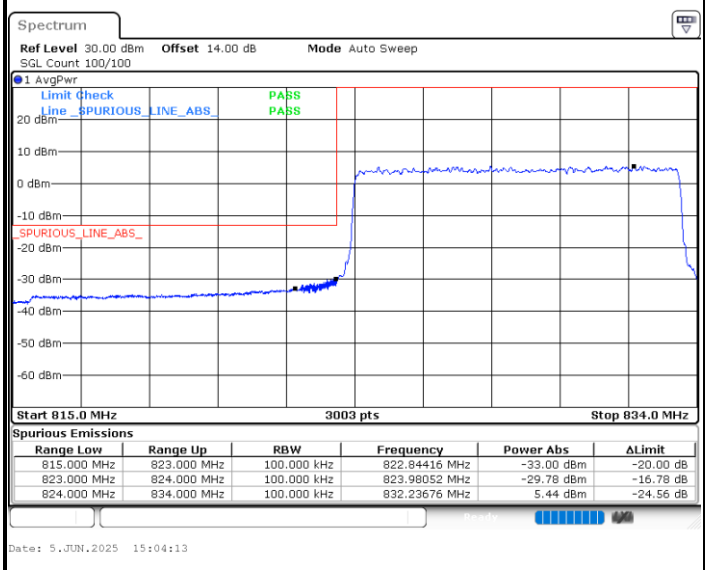


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.39560 MHz	21.77 dBm	-8.23 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.01149 MHz	-16.97 dBm	-3.97 dB
850.000 MHz	860.000 MHz	100.000 kHz	851.38362 MHz	-45.78 dBm	-32.78 dB

Date: 5.JUN.2025 15:12:39

Lowest Band Edge / Full RB

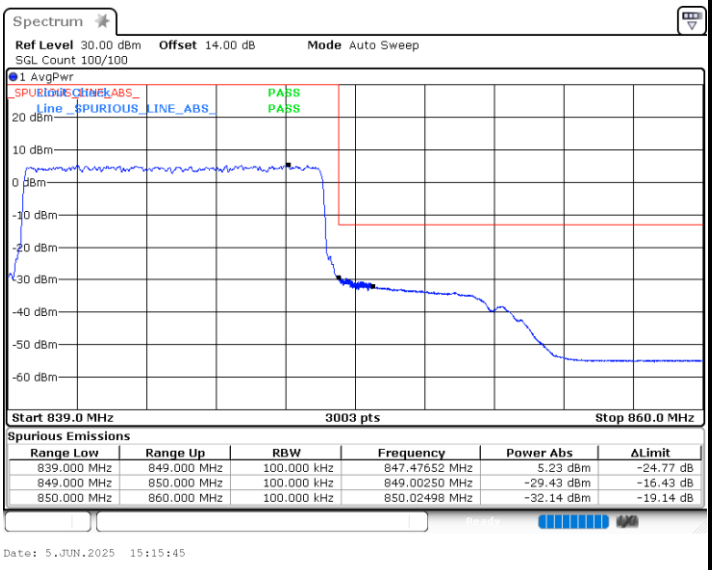


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.84416 MHz	-33.00 dBm	-20.00 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.98052 MHz	-29.78 dBm	-16.78 dB
824.000 MHz	834.000 MHz	100.000 kHz	832.23676 MHz	5.44 dBm	-24.56 dB

Date: 5.JUN.2025 15:04:13

Highest Band Edge / Full RB



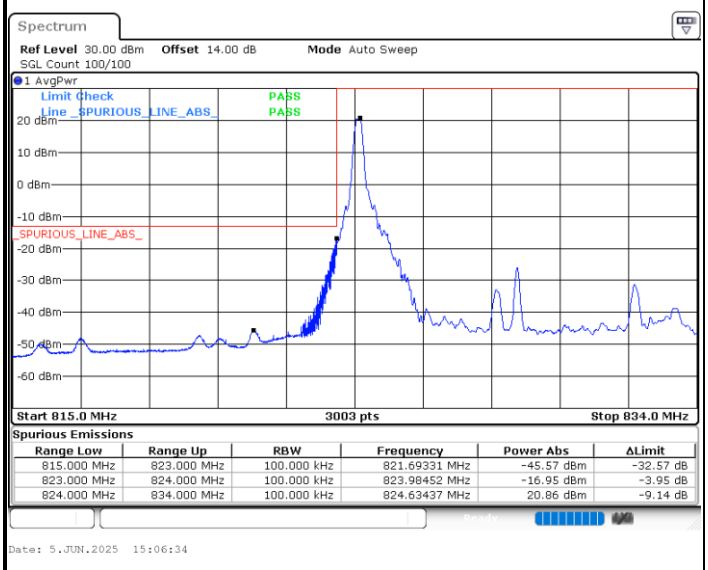
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	847.47652 MHz	5.23 dBm	-24.77 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00250 MHz	-29.43 dBm	-16.43 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.02498 MHz	-32.14 dBm	-19.14 dB

Date: 5.JUN.2025 15:15:45

LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

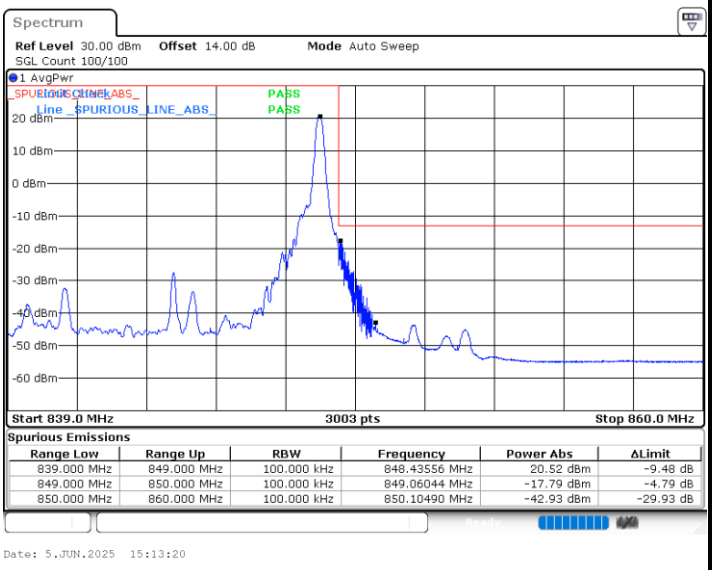


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	821.69331 MHz	-45.57 dBm	-32.57 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.98452 MHz	-16.95 dBm	-3.95 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.63437 MHz	20.86 dBm	-9.14 dB

Date: 5.JUN.2025 15:06:34

Highest Band Edge / 1 RB

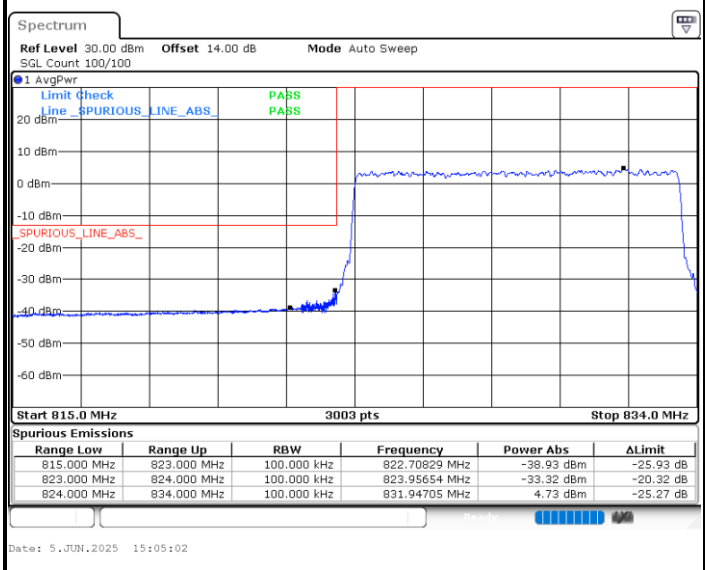


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.43556 MHz	20.52 dBm	-9.48 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.06044 MHz	-17.79 dBm	-4.79 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.10490 MHz	-42.93 dBm	-29.93 dB

Date: 5.JUN.2025 15:13:20

Lowest Band Edge / Full RB

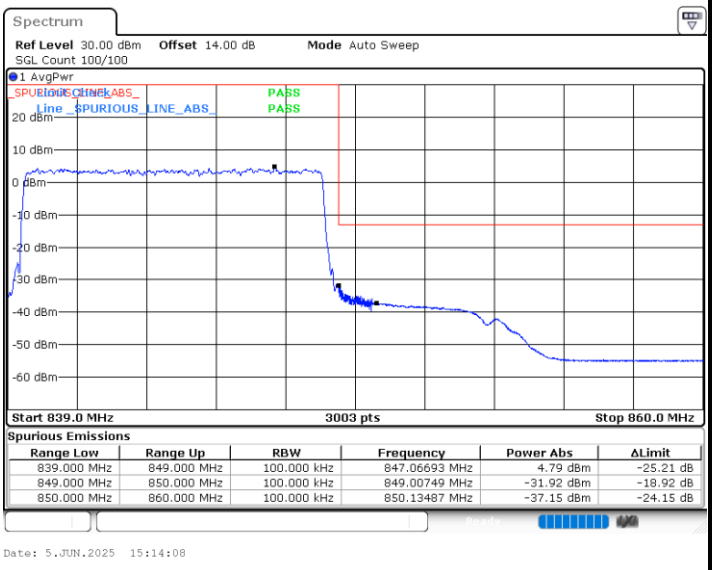


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.70829 MHz	-38.93 dBm	-25.93 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.95654 MHz	-33.32 dBm	-20.32 dB
824.000 MHz	834.000 MHz	100.000 kHz	831.94705 MHz	4.73 dBm	-25.27 dB

Date: 5.JUN.2025 15:05:02

Highest Band Edge / Full RB



Spurious Emissions

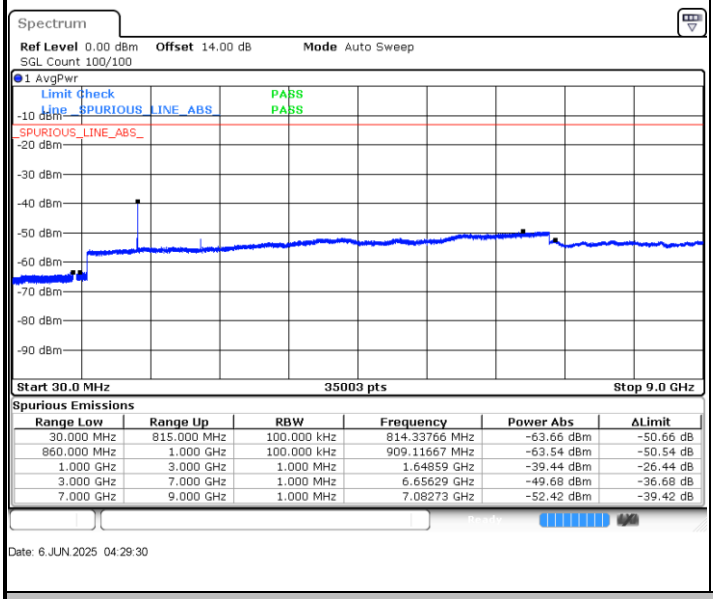
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	847.06693 MHz	4.79 dBm	-25.21 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00749 MHz	-31.92 dBm	-18.92 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.13487 MHz	-37.15 dBm	-24.15 dB

Date: 5.JUN.2025 15:14:08

Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

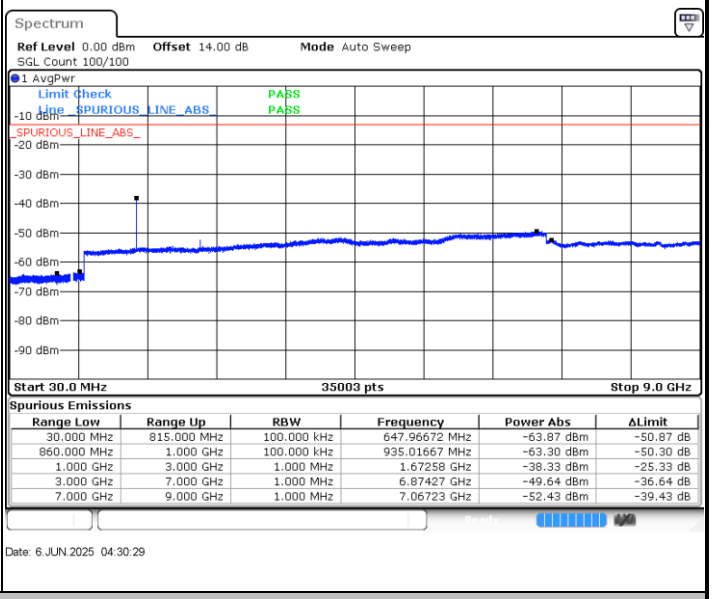


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.33766 MHz	-63.66 dBm	-50.66 dB
860.000 MHz	1.000 GHz	100.000 kHz	909.11667 MHz	-63.54 dBm	-50.54 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-39.44 dBm	-26.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.65629 GHz	-49.68 dBm	-36.68 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.08273 GHz	-52.42 dBm	-39.42 dB

Date: 6.JUN.2025 04:29:30

Middle Channel / QPSK

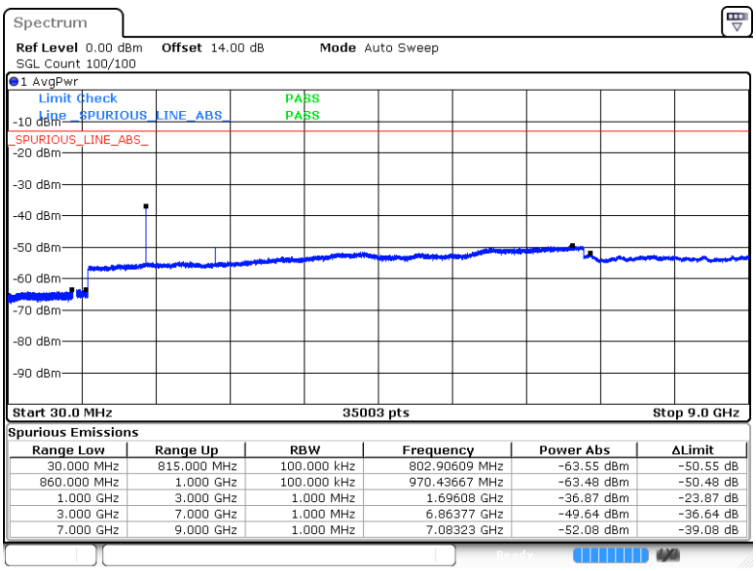


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	647.96672 MHz	-63.87 dBm	-50.87 dB
860.000 MHz	1.000 GHz	100.000 kHz	935.01667 MHz	-63.30 dBm	-50.30 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-38.33 dBm	-25.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87427 GHz	-49.64 dBm	-36.64 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06723 GHz	-52.43 dBm	-39.43 dB

Date: 6.JUN.2025 04:30:29

Highest Channel / QPSK



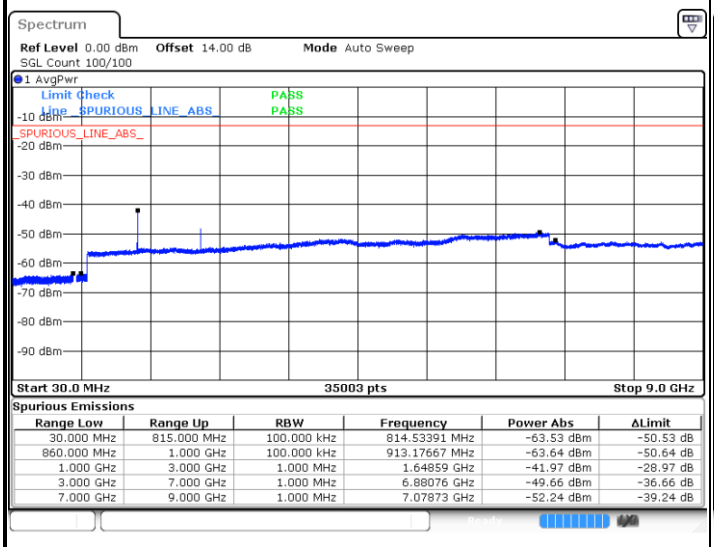
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	802.90609 MHz	-63.55 dBm	-50.55 dB
860.000 MHz	1.000 GHz	100.000 kHz	970.43667 MHz	-63.48 dBm	-50.48 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-36.87 dBm	-23.87 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86377 GHz	-49.64 dBm	-36.64 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.08323 GHz	-52.08 dBm	-39.08 dB

Date: 9.MAY.2025 13:40:11

LTE Band 5 / 3MHz

Lowest Channel / QPSK

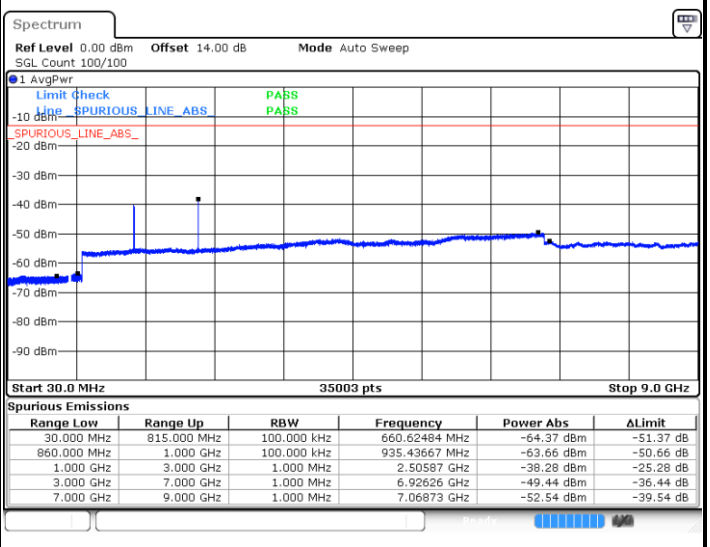


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.53391 MHz	-63.53 dBm	-50.53 dB
860.000 MHz	1.000 GHz	100.000 kHz	913.17667 MHz	-63.64 dBm	-50.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-41.97 dBm	-28.97 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88076 GHz	-49.66 dBm	-36.66 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.07873 GHz	-52.24 dBm	-39.24 dB

Date: 6.JUN.2025 04:34:04

Middle Channel / QPSK

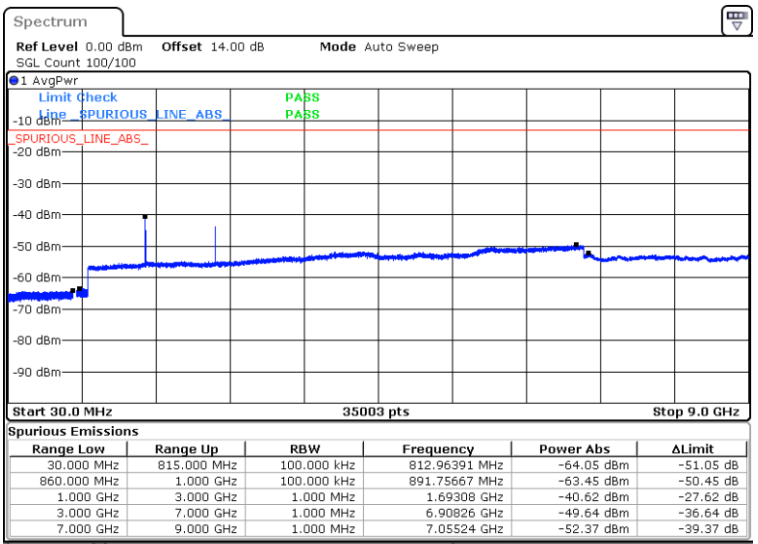


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	660.62484 MHz	-64.37 dBm	-51.37 dB
860.000 MHz	1.000 GHz	100.000 kHz	935.43667 MHz	-63.66 dBm	-50.66 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50587 GHz	-38.28 dBm	-25.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92626 GHz	-49.44 dBm	-36.44 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06873 GHz	-52.54 dBm	-39.54 dB

Date: 6.JUN.2025 04:34:53

Highest Channel / QPSK



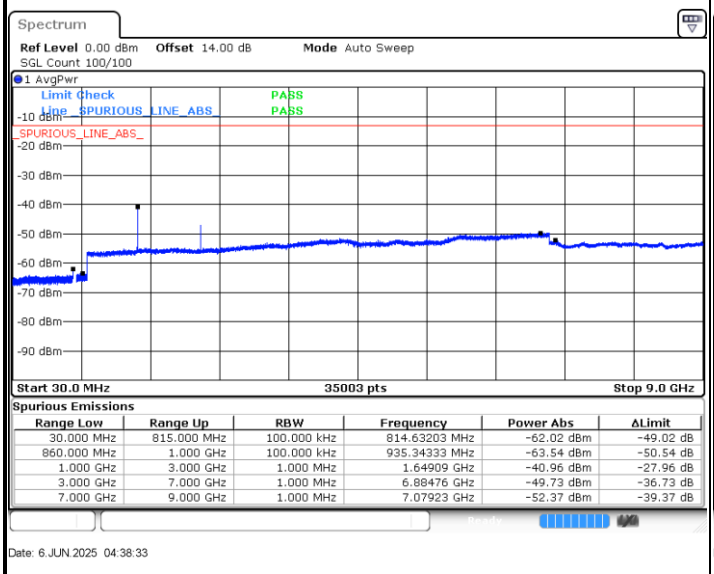
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.96391 MHz	-64.05 dBm	-51.05 dB
860.000 MHz	1.000 GHz	100.000 kHz	891.75667 MHz	-63.45 dBm	-50.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69308 GHz	-40.62 dBm	-27.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90826 GHz	-49.64 dBm	-36.64 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05524 GHz	-52.37 dBm	-39.37 dB

Date: 6.JUN.2025 04:37:00

LTE Band 5 / 5MHz

Lowest Channel / QPSK

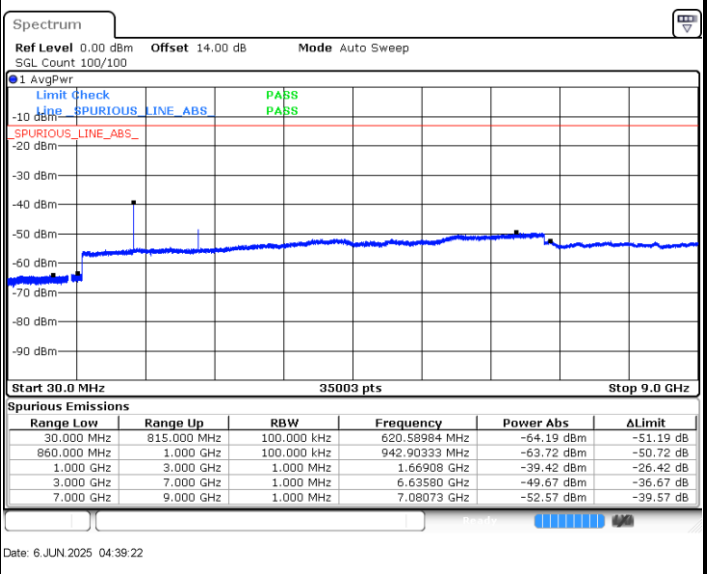


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.63203 MHz	-62.02 dBm	-49.02 dB
860.000 MHz	1.000 GHz	100.000 kHz	935.34333 MHz	-63.54 dBm	-50.54 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-40.96 dBm	-27.96 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88476 GHz	-49.73 dBm	-36.73 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.07923 GHz	-52.37 dBm	-39.37 dB

Date: 6.JUN.2025 04:38:33

Middle Channel / QPSK

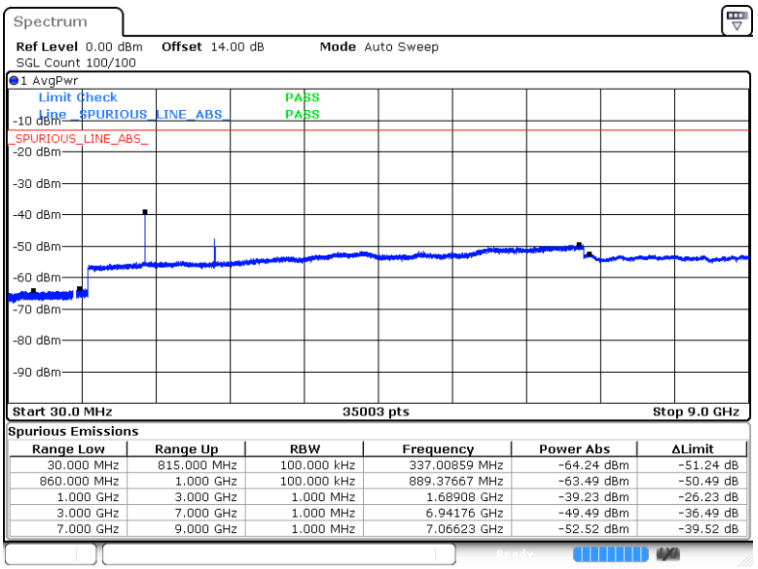


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	620.58984 MHz	-64.19 dBm	-51.19 dB
860.000 MHz	1.000 GHz	100.000 kHz	942.90333 MHz	-63.72 dBm	-50.72 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-39.42 dBm	-26.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.63580 GHz	-49.67 dBm	-36.67 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.08073 GHz	-52.57 dBm	-39.57 dB

Date: 6.JUN.2025 04:39:22

Highest Channel / QPSK



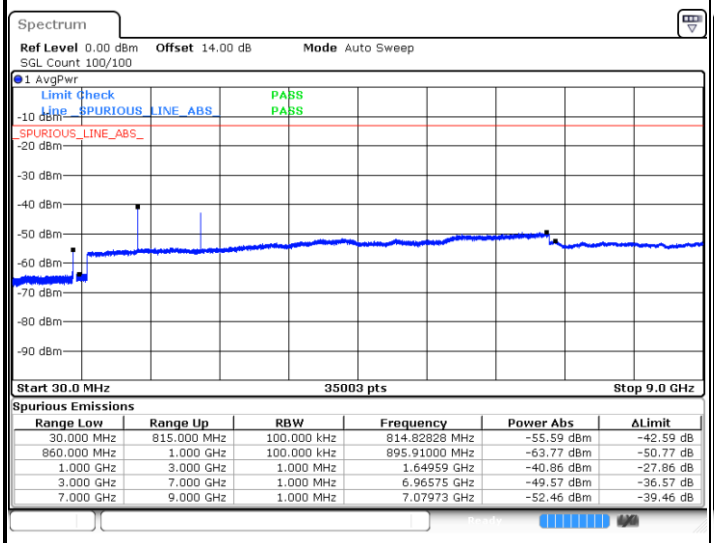
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	337.00859 MHz	-64.24 dBm	-51.24 dB
860.000 MHz	1.000 GHz	100.000 kHz	889.37667 MHz	-63.49 dBm	-50.49 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-39.23 dBm	-26.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94176 GHz	-49.49 dBm	-36.49 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06623 GHz	-52.52 dBm	-39.52 dB

Date: 6.JUN.2025 04:41:29

LTE Band 5 / 10MHz

Lowest Channel / QPSK

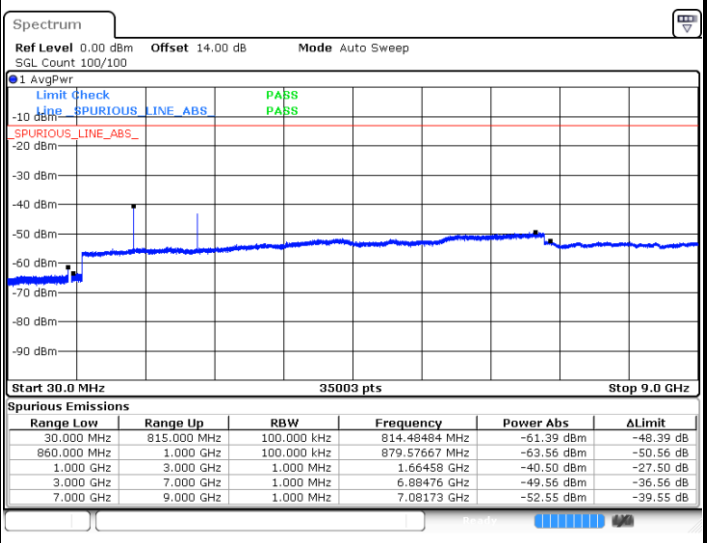


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.82828 MHz	-55.59 dBm	-42.59 dB
860.000 MHz	1.000 GHz	100.000 kHz	895.91000 MHz	-63.77 dBm	-50.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-40.86 dBm	-27.86 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96575 GHz	-49.57 dBm	-36.57 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.07973 GHz	-52.46 dBm	-39.46 dB

Date: 6.JUN.2025 04:43:02

Middle Channel / QPSK

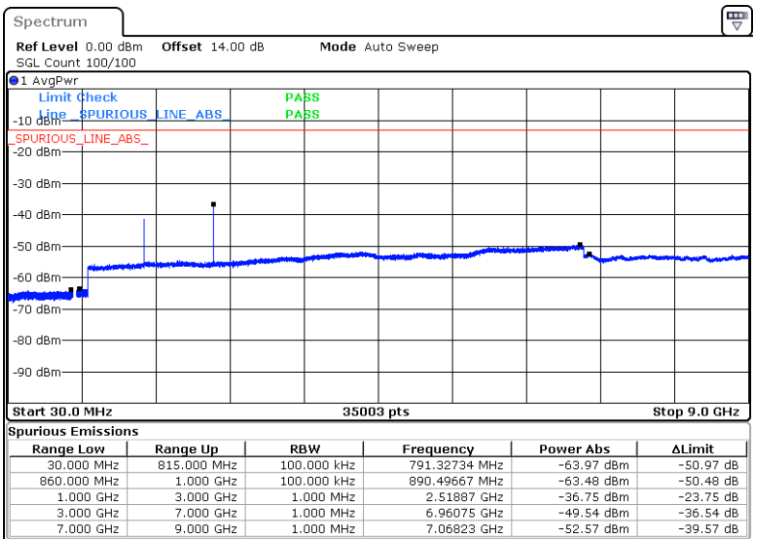


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.48484 MHz	-61.39 dBm	-48.39 dB
860.000 MHz	1.000 GHz	100.000 kHz	879.57667 MHz	-63.56 dBm	-50.56 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-40.50 dBm	-27.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88476 GHz	-49.56 dBm	-36.56 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.08173 GHz	-52.55 dBm	-39.55 dB

Date: 6.JUN.2025 04:43:51

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	791.32734 MHz	-63.97 dBm	-50.97 dB
860.000 MHz	1.000 GHz	100.000 kHz	890.49667 MHz	-63.48 dBm	-50.48 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51887 GHz	-36.75 dBm	-23.75 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96075 GHz	-49.54 dBm	-36.54 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06823 GHz	-52.57 dBm	-39.57 dB

Date: 6.JUN.2025 04:45:58

Frequency Stability

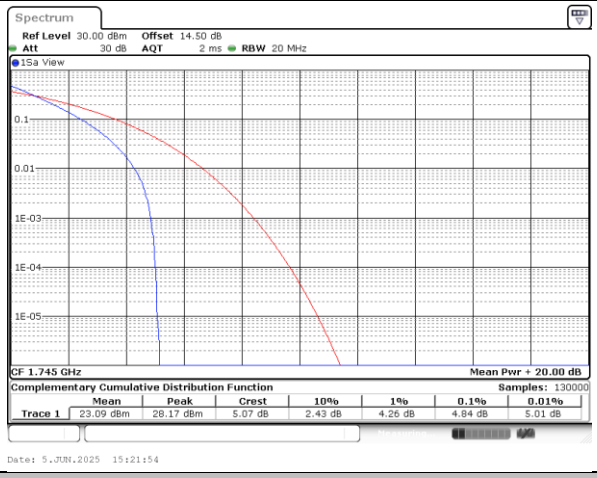
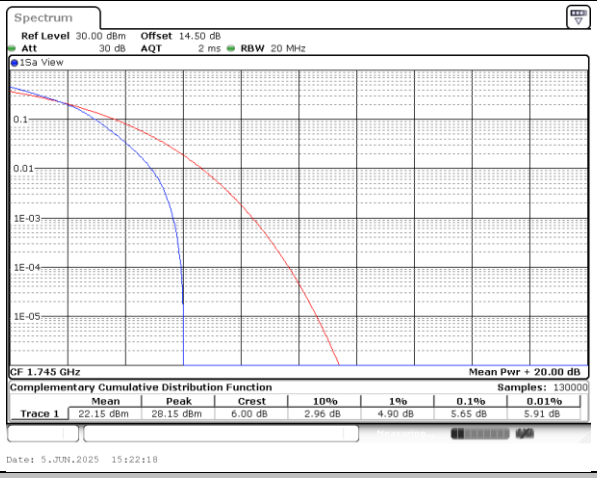
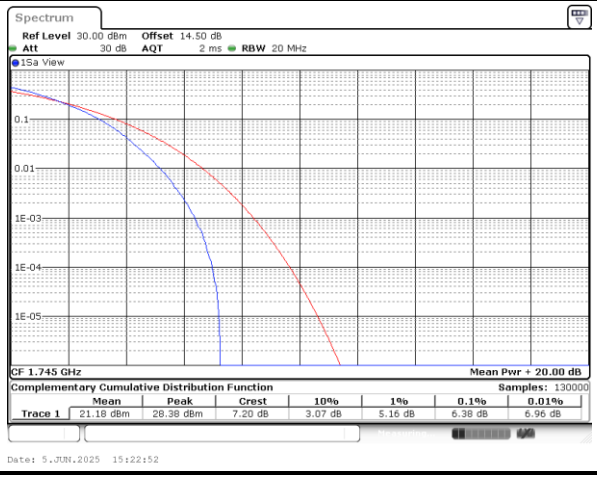
Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	≤2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

Note: Normal Voltage = 3.93 V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage = 4.3 V.

LTE Band 66(Other PA)

Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.84	5.65	6.38	PASS

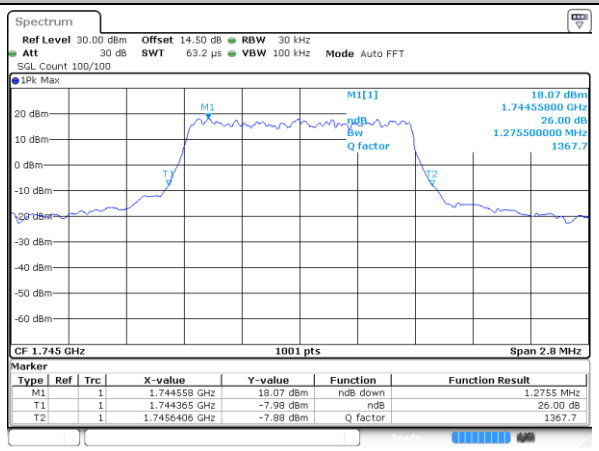
LTE Band 66 / 20MHz / QPSK	LTE Band 66 / 20MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 66 / 20MHz / 64QAM	
Middle Channel / Full RB	
	

26dB Bandwidth

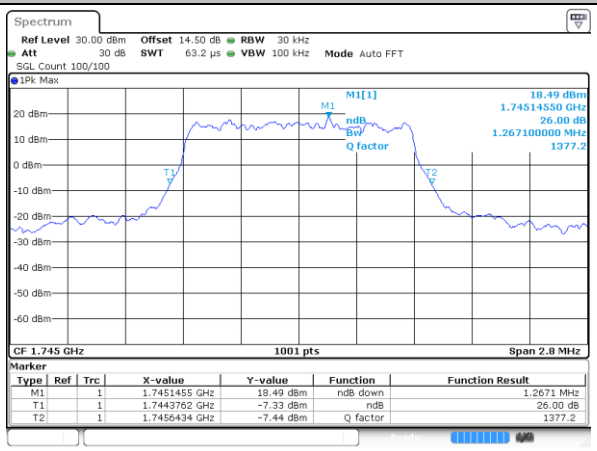
Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.28	1.27	3.00	3.02	4.88	4.93	9.81	9.77	14.27	14.24	19.14	18.86

LTE Band 66

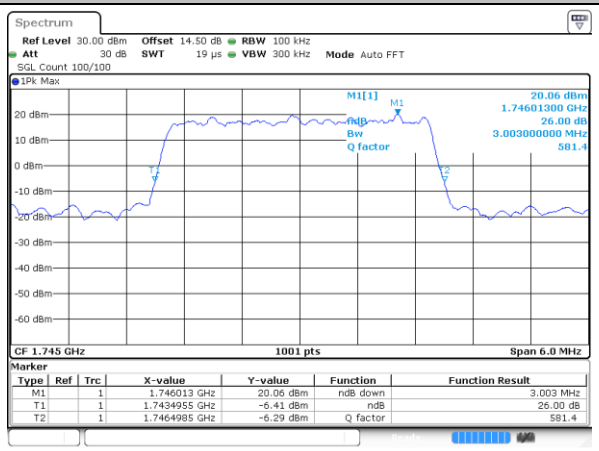
Middle Channel / 1.4MHz / QPSK



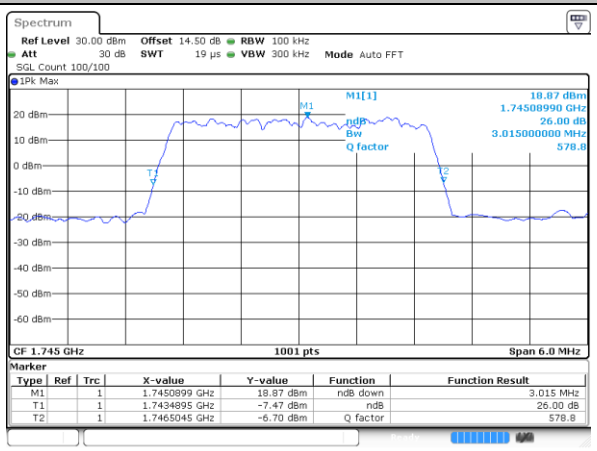
Middle Channel / 1.4MHz / 16QAM



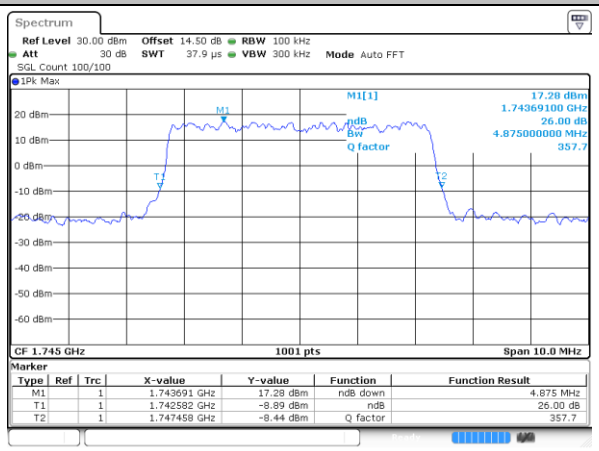
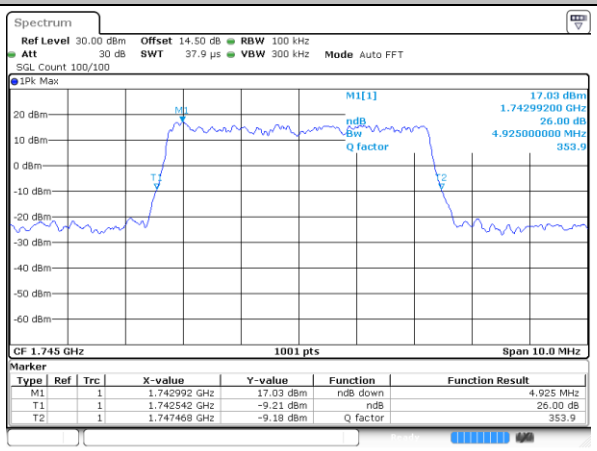
Middle Channel / 3MHz / QPSK



Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



Middle Channel / 5MHz / 16QAM