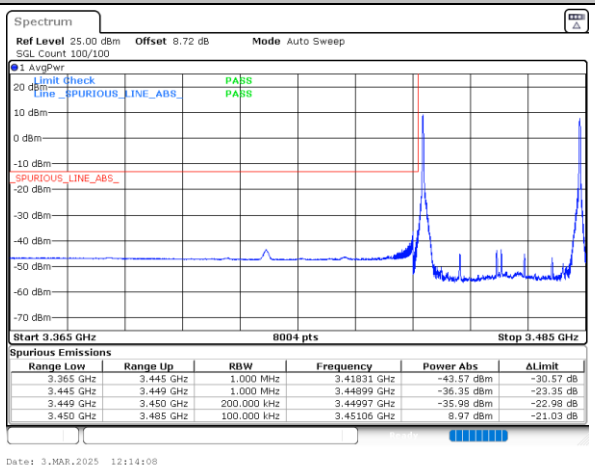
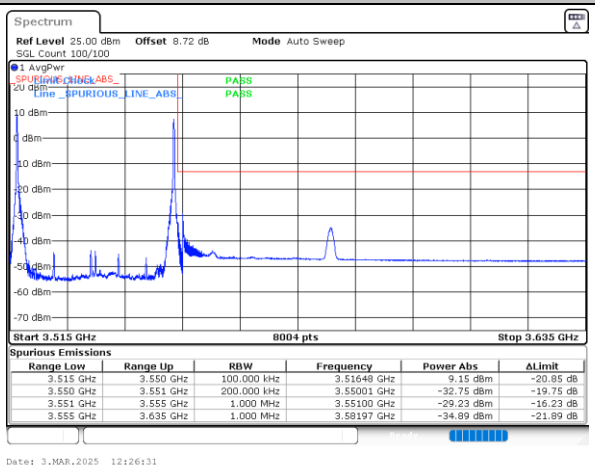
LTE Band 42C / 20MHz+15MHz

QPSK

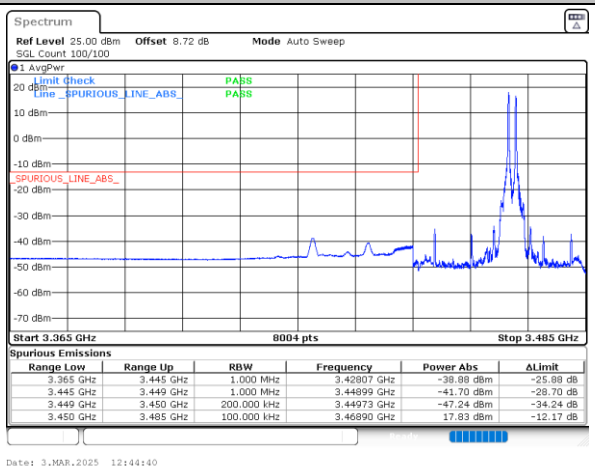
Lowest Band Edge / 1RB0 and 1RB74



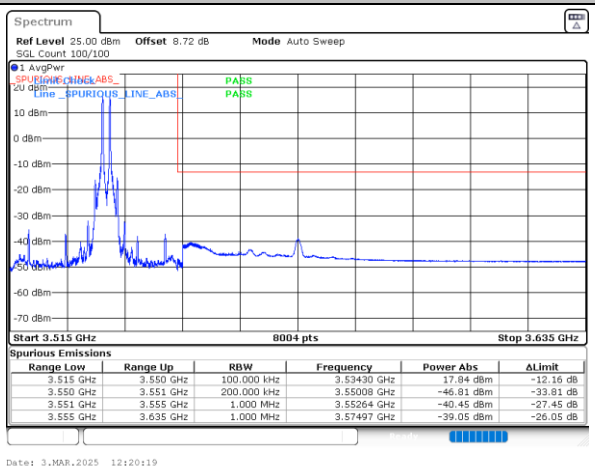
Highest Band Edge / 1RB0 and 1RB74



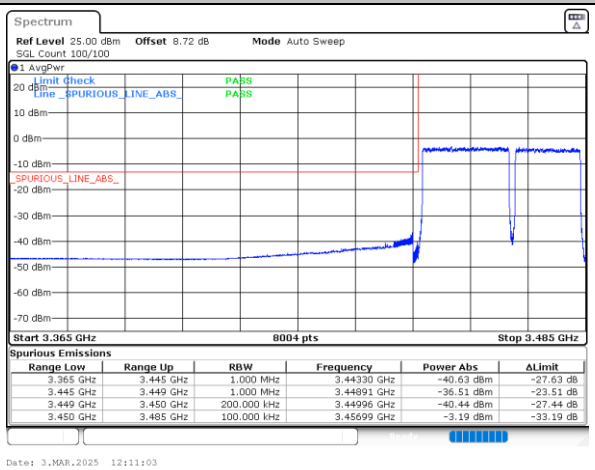
Lowest Band Edge / 1RB99 and 1RB0



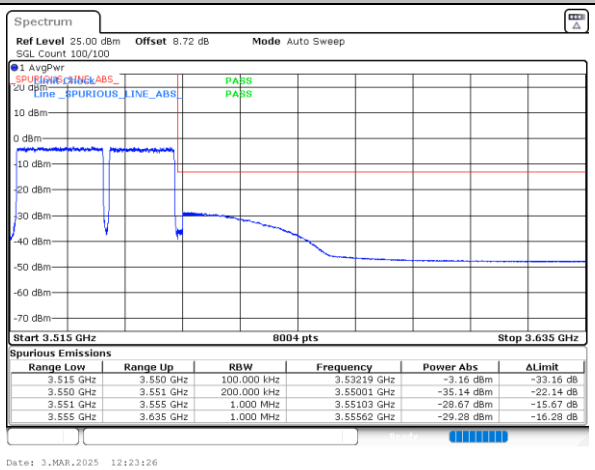
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



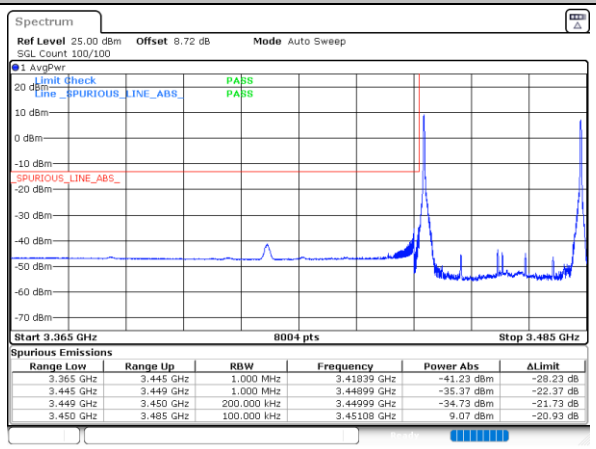
Highest Band Edge / Full RB



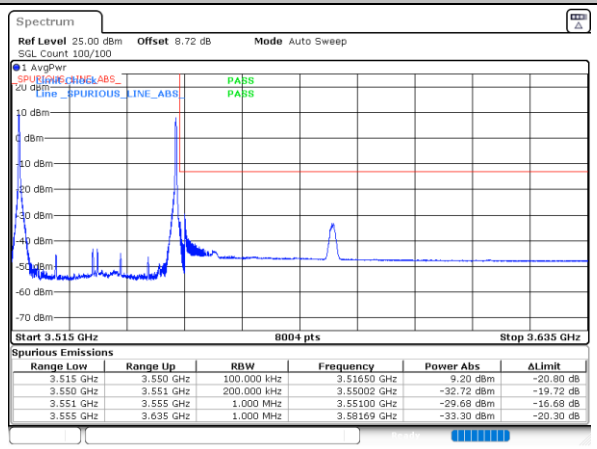
LTE Band 42C / 20MHz+15MHz

16QAM

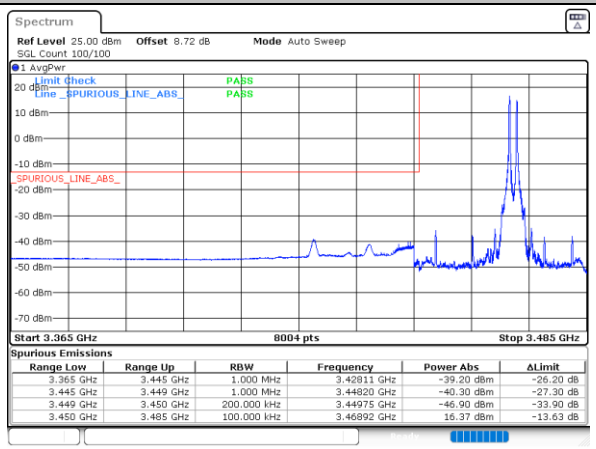
Lowest Band Edge / 1RB0 and 1RB74



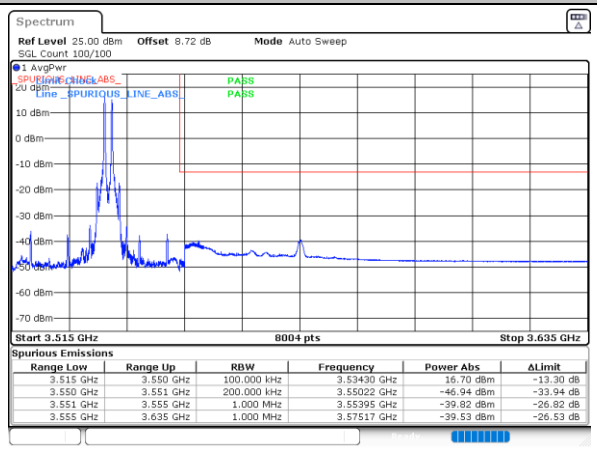
Highest Band Edge / 1RB0 and 1RB74



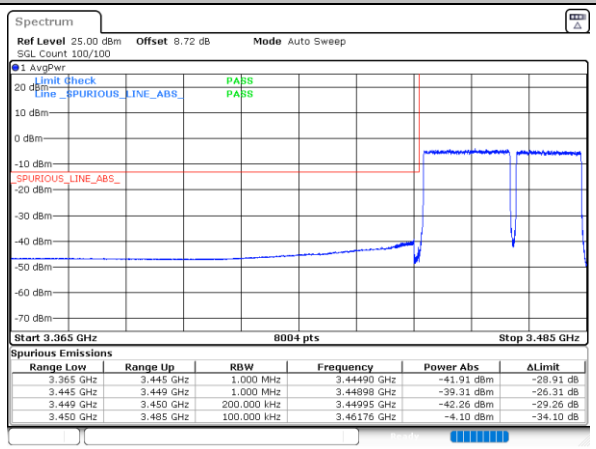
Lowest Band Edge / 1RB99 and 1RB0



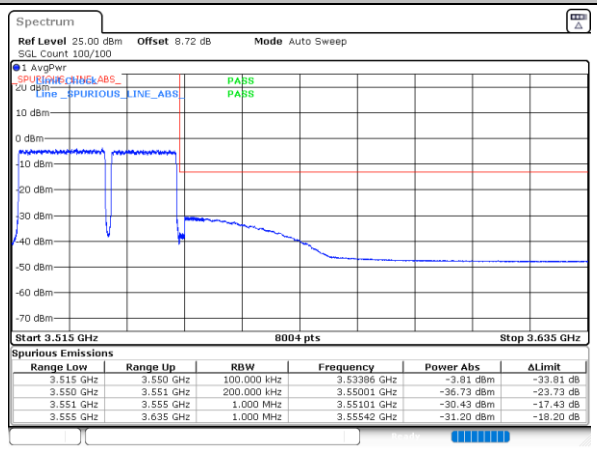
Highest Band Edge / 1RB99 and 1RB0

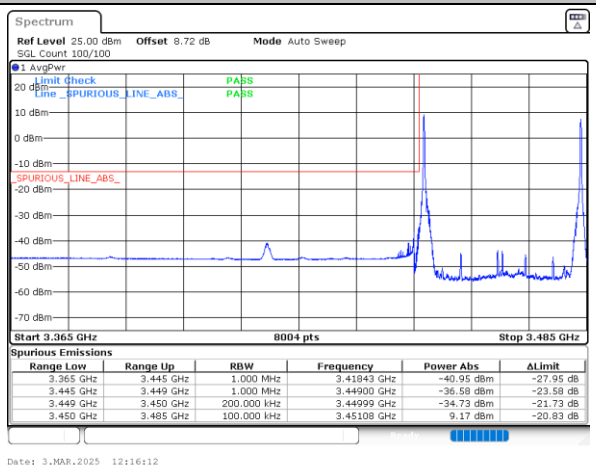
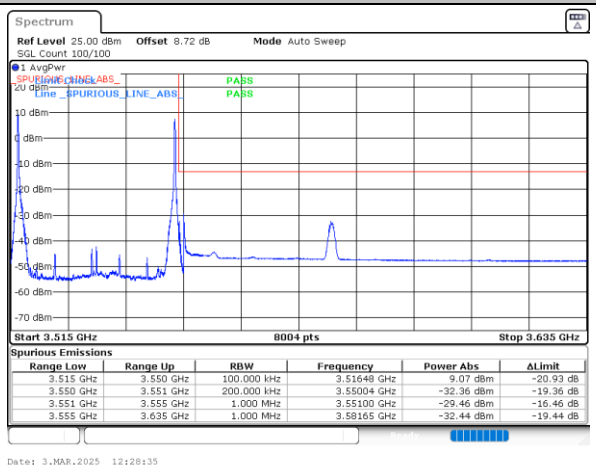
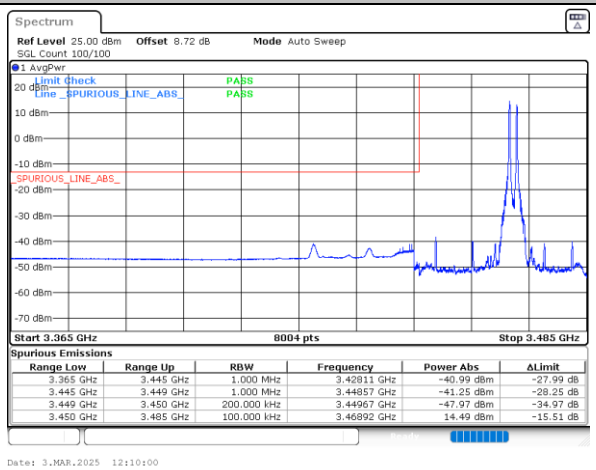
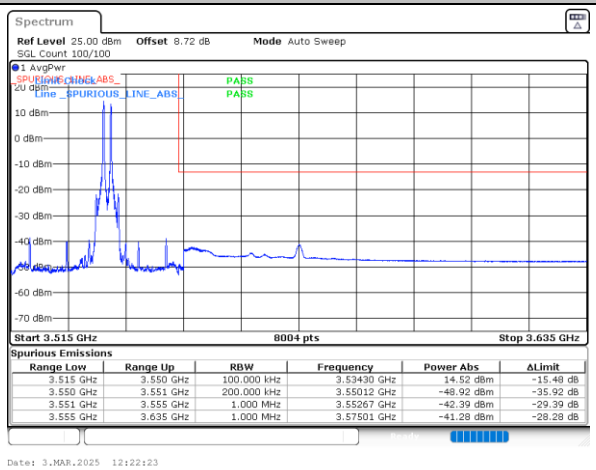
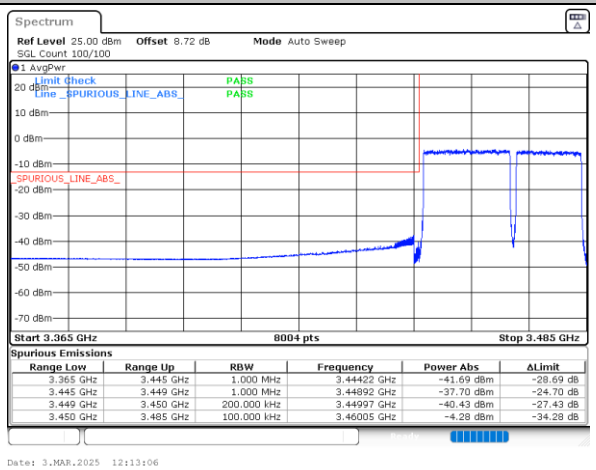
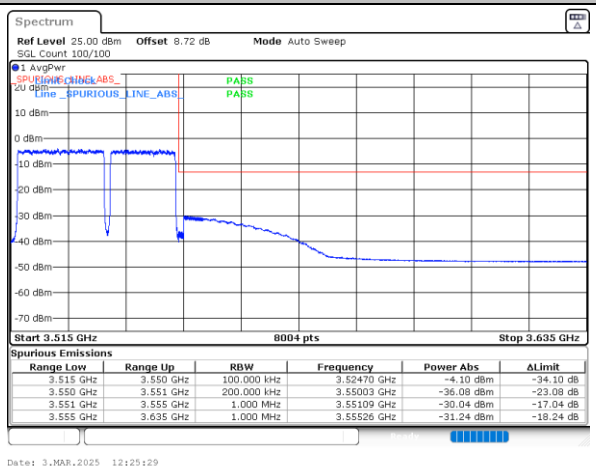


Lowest Band Edge / Full RB



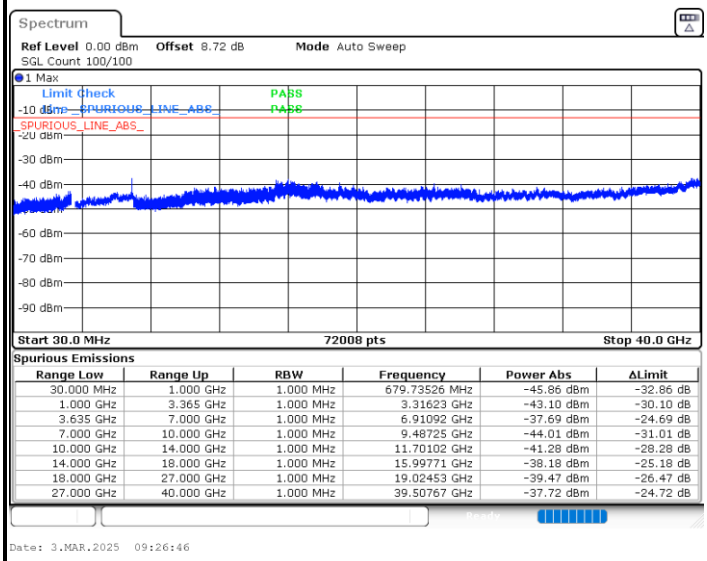
Highest Band Edge / Full RB



LTE Band 42C / 20MHz+15MHz	
64QAM	
Lowest Band Edge / 1RB0 and 1RB74	**Highest Band Edge / 1RB0 and 1RB74**
	
Lowest Band Edge / 1RB99 and 1RB0	**Highest Band Edge / 1RB99 and 1RB0**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

Conducted Spurious Emission

LTE Band 42C / 5MHz+20MHz QPSK Lowest Channel / 1RB24 and 1RB0

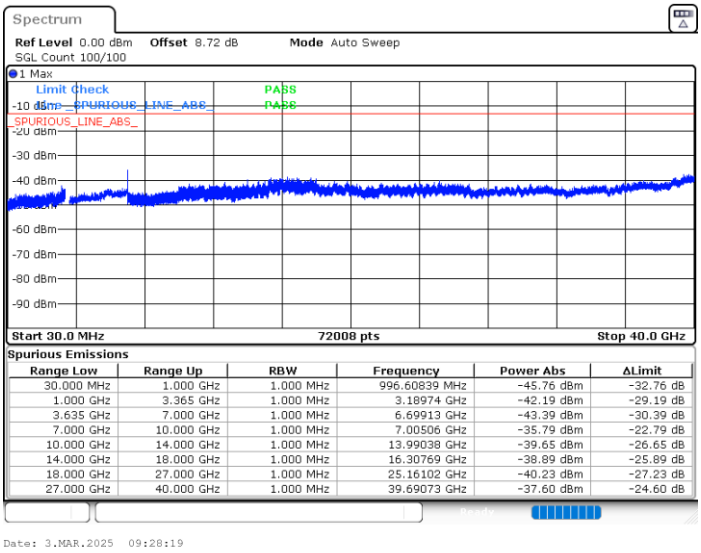


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	679.73526 MHz	-45.86 dBm	-32.86 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.31623 GHz	-43.10 dBm	-30.10 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.91092 GHz	-37.69 dBm	-24.69 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.48725 GHz	-44.01 dBm	-31.01 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.70102 GHz	-41.28 dBm	-28.28 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.99771 GHz	-38.18 dBm	-25.18 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.02453 GHz	-39.47 dBm	-26.47 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.50767 GHz	-37.72 dBm	-24.72 dB

Date: 3.MAR.2025 09:26:46

LTE Band 42C / 5MHz+20MHz QPSK Middle Channel / 1RB24 and 1RB0

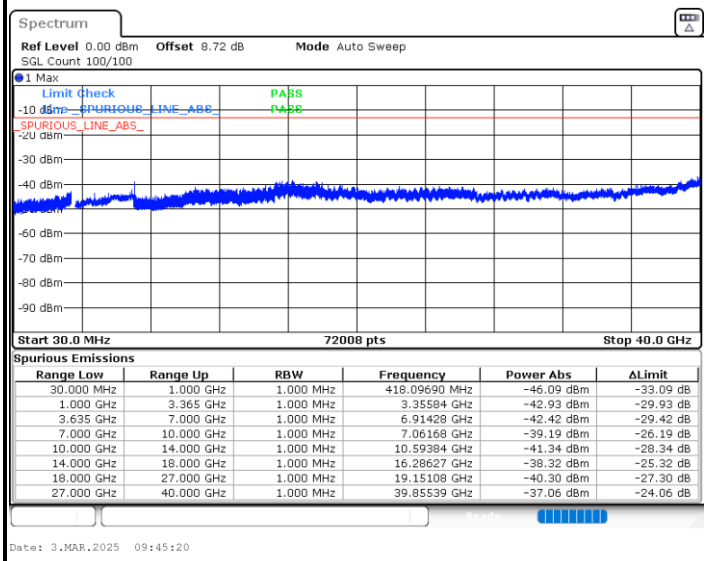


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.60839 MHz	-45.76 dBm	-32.76 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.18974 GHz	-42.19 dBm	-29.19 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.69913 GHz	-43.39 dBm	-30.39 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.00506 GHz	-35.79 dBm	-22.79 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99038 GHz	-39.65 dBm	-26.65 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.30769 GHz	-38.89 dBm	-25.89 dB
18.000 GHz	27.000 GHz	1.000 MHz	25.16102 GHz	-40.23 dBm	-27.23 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.69073 GHz	-37.60 dBm	-24.60 dB

Date: 3.MAR.2025 09:28:19

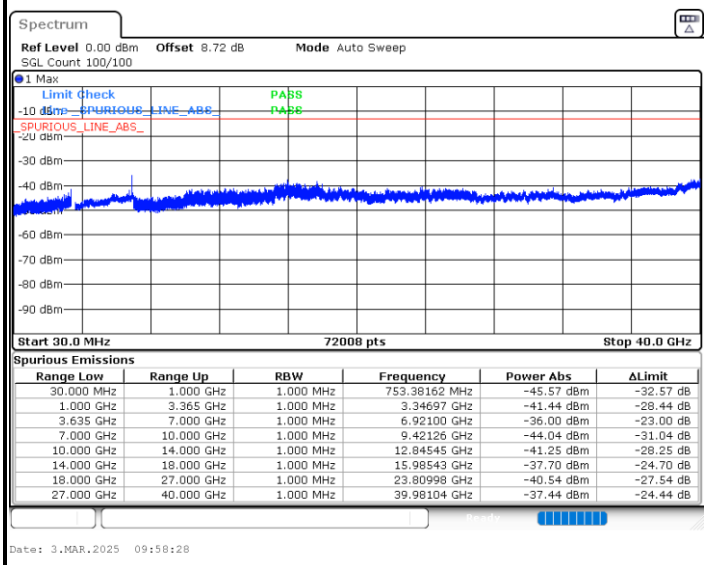
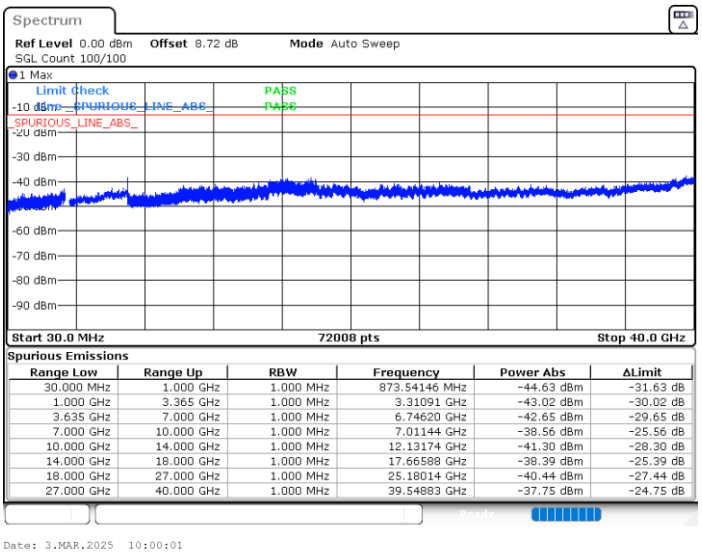
LTE Band 42C / 5MHz+20MHz QPSK Highest Channel / 1RB24 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	418.09690 MHz	-46.09 dBm	-33.09 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.35584 GHz	-42.93 dBm	-29.93 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.91428 GHz	-42.42 dBm	-29.42 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.06168 GHz	-39.19 dBm	-26.19 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.59384 GHz	-41.34 dBm	-28.34 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.28627 GHz	-38.32 dBm	-25.32 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.15108 GHz	-40.30 dBm	-27.30 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.85539 GHz	-37.06 dBm	-24.06 dB

Date: 3.MAR.2025 09:45:20

LTE Band 42C / 10MHz+20MHz QPSK Lowest Channel / 1RB49 and 1RB0	LTE Band 42C / 10MHz+20MHz QPSK Middle Channel / 1RB49 and 1RB0
	

Spurious Emissions

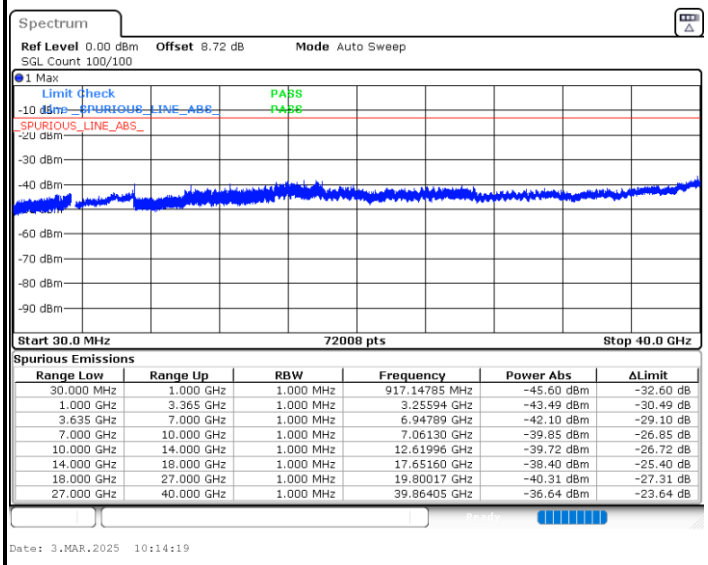
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	753.38162 MHz	-45.57 dBm	-32.57 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.34697 GHz	-41.44 dBm	-28.44 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.92100 GHz	-36.00 dBm	-23.00 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.42126 GHz	-44.04 dBm	-31.04 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.84545 GHz	-41.25 dBm	-28.25 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.98543 GHz	-37.70 dBm	-24.70 dB
18.000 GHz	27.000 GHz	1.000 MHz	23.80998 GHz	-40.54 dBm	-27.54 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.98104 GHz	-37.44 dBm	-24.44 dB

Date: 3.MAR.2025 09:58:28

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	873.54146 MHz	-44.63 dBm	-31.63 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.31091 GHz	-43.02 dBm	-30.02 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.74620 GHz	-42.65 dBm	-29.65 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.01144 GHz	-38.56 dBm	-25.56 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.13174 GHz	-41.30 dBm	-28.30 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66588 GHz	-38.39 dBm	-25.39 dB
18.000 GHz	27.000 GHz	1.000 MHz	25.18014 GHz	-40.44 dBm	-27.44 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.54883 GHz	-37.75 dBm	-24.75 dB

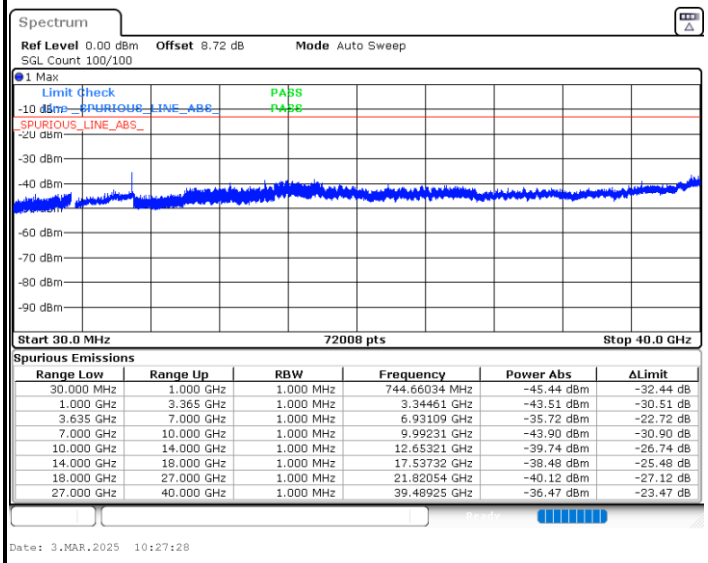
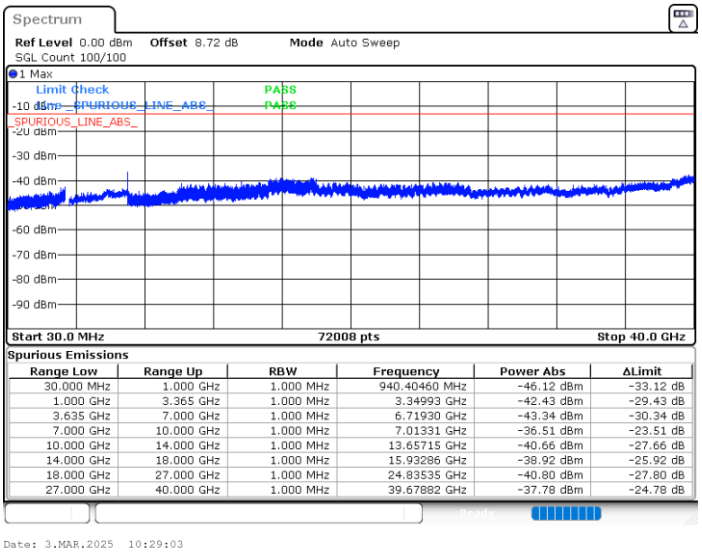
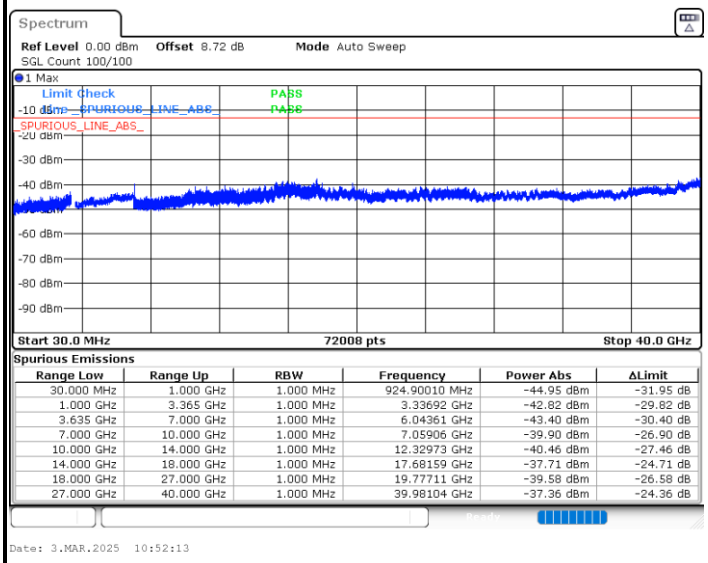
Date: 3.MAR.2025 10:00:01

LTE Band 42C / 10MHz+20MHz QPSK Highest Channel / 1RB49 and 1RB0


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.14785 MHz	-45.60 dBm	-32.60 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.25594 GHz	-43.49 dBm	-30.49 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.94789 GHz	-42.10 dBm	-29.10 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.06130 GHz	-39.85 dBm	-26.85 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.61996 GHz	-39.72 dBm	-26.72 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65160 GHz	-38.40 dBm	-25.40 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80017 GHz	-40.31 dBm	-27.31 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.86405 GHz	-36.64 dBm	-23.64 dB

Date: 3.MAR.2025 10:14:19

LTE Band 42C / 15MHz+20MHz QPSK Lowest Channel / 1RB74 and 1RB0	LTE Band 42C / 15MHz+20MHz QPSK Middle Channel / 1RB74 and 1RB0
	
LTE Band 42C / 15MHz+20MHz QPSK Highest Channel / 1RB74 and 1RB0	
	

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	744.66034 MHz	-45.44 dBm	-32.44 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.34461 GHz	-43.51 dBm	-30.51 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.93109 GHz	-35.72 dBm	-22.72 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.99231 GHz	-43.90 dBm	-30.90 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.65321 GHz	-39.74 dBm	-26.74 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.53732 GHz	-38.48 dBm	-25.48 dB
18.000 GHz	27.000 GHz	1.000 MHz	21.82054 GHz	-40.12 dBm	-27.12 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.48925 GHz	-36.47 dBm	-23.47 dB

Date: 3.MAR.2025 10:27:28

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	940.40460 MHz	-46.12 dBm	-33.12 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.34993 GHz	-42.43 dBm	-29.43 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.71930 GHz	-43.34 dBm	-30.34 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.01331 GHz	-36.51 dBm	-23.51 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.65715 GHz	-40.66 dBm	-27.66 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.93286 GHz	-38.92 dBm	-25.92 dB
18.000 GHz	27.000 GHz	1.000 MHz	24.83535 GHz	-40.80 dBm	-27.80 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.67882 GHz	-37.78 dBm	-24.78 dB

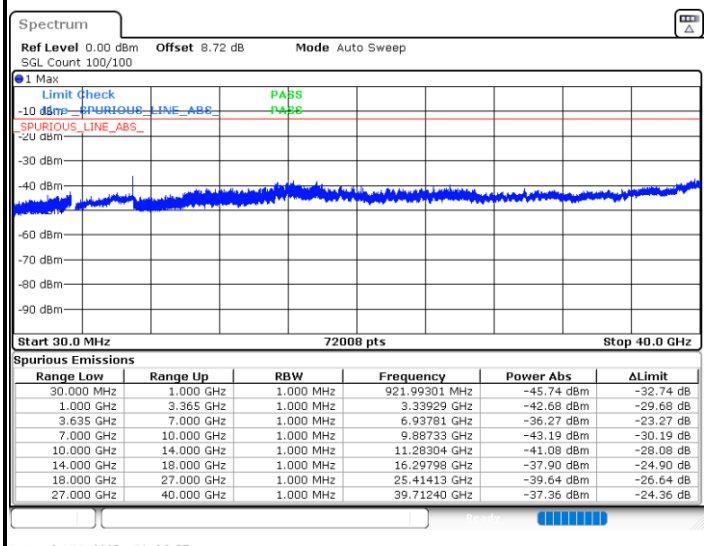
Date: 3.MAR.2025 10:29:03

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	924.90010 MHz	-44.95 dBm	-31.95 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.33692 GHz	-42.82 dBm	-29.82 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.04361 GHz	-43.40 dBm	-30.40 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.05906 GHz	-39.90 dBm	-26.90 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.32973 GHz	-40.46 dBm	-27.46 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.68159 GHz	-37.71 dBm	-24.71 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.77711 GHz	-39.58 dBm	-26.58 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.98104 GHz	-37.36 dBm	-24.36 dB

Date: 3.MAR.2025 10:52:13

LTE Band 42C / 20MHz+20MHz QPSK Lowest Channel / 1RB99 and 1RB0

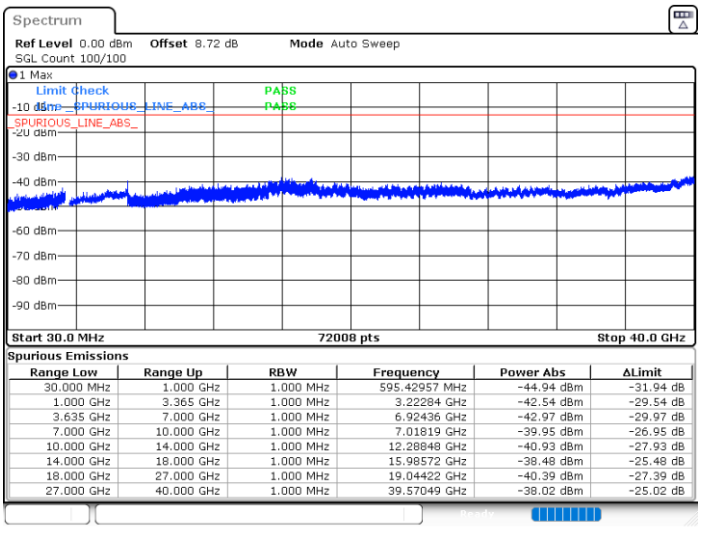


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.99301 MHz	-45.74 dBm	-32.74 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.33929 GHz	-42.68 dBm	-29.68 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.93781 GHz	-36.27 dBm	-23.27 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.88733 GHz	-43.19 dBm	-30.19 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.28304 GHz	-41.08 dBm	-28.08 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.29798 GHz	-37.90 dBm	-24.90 dB
18.000 GHz	27.000 GHz	1.000 MHz	25.41413 GHz	-39.64 dBm	-26.64 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.71240 GHz	-37.36 dBm	-24.36 dB

Date: 3.MAR.2025 11:06:57

LTE Band 42C / 20MHz+20MHz QPSK Middle Channel / 1RB99 and 1RB0

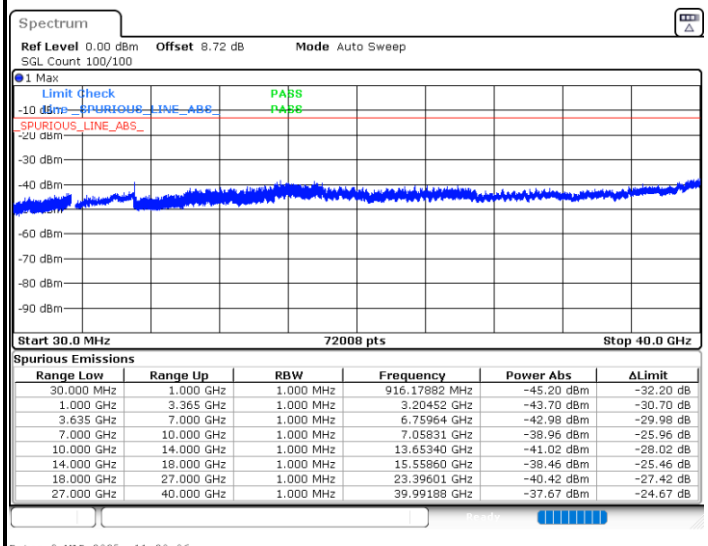


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	595.42957 MHz	-44.94 dBm	-31.94 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.22284 GHz	-42.54 dBm	-29.54 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.92436 GHz	-42.97 dBm	-29.97 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.01819 GHz	-39.95 dBm	-26.95 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.28848 GHz	-40.93 dBm	-27.93 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.98572 GHz	-38.48 dBm	-25.48 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.04422 GHz	-40.39 dBm	-27.39 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.57049 GHz	-38.02 dBm	-25.02 dB

Date: 3.MAR.2025 11:08:30

LTE Band 42C / 20MHz+20MHz QPSK Highest Channel / 1RB99 and 1RB0

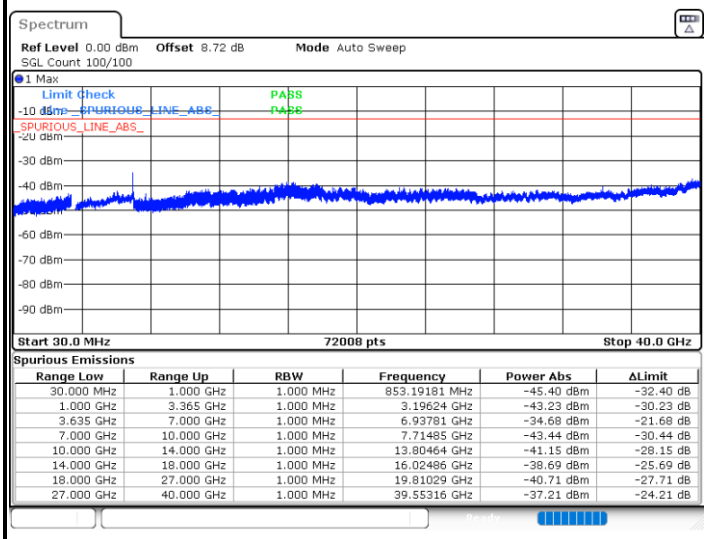


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.17882 MHz	-45.20 dBm	-32.20 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.20452 GHz	-43.70 dBm	-30.70 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.75964 GHz	-42.98 dBm	-29.98 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.05831 GHz	-38.96 dBm	-25.96 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.65340 GHz	-41.02 dBm	-28.02 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.55860 GHz	-38.46 dBm	-25.46 dB
18.000 GHz	27.000 GHz	1.000 MHz	23.39601 GHz	-40.42 dBm	-27.42 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.99188 GHz	-37.67 dBm	-24.67 dB

Date: 3.MAR.2025 11:20:06

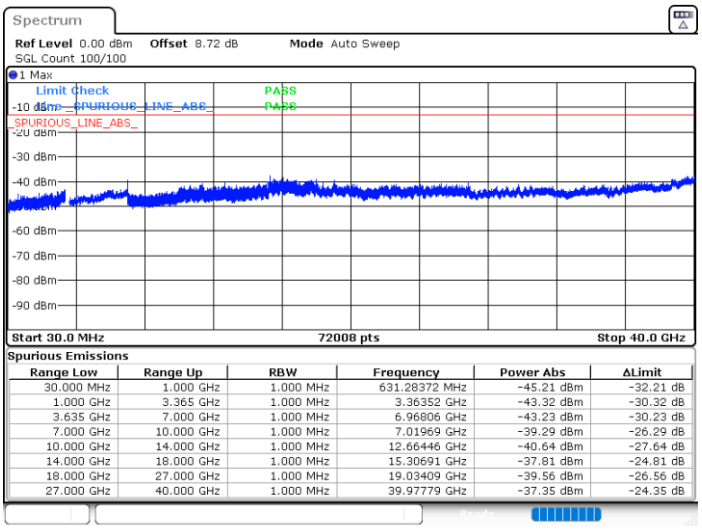
LTE Band 42C / 20MHz+5MHz QPSK Lowest Channel / 1RB99 and 1RB0	LTE Band 42C / 20MHz+5MHz QPSK Middle Channel / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	853.19181 MHz	-45.40 dBm	-32.40 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.19624 GHz	-43.23 dBm	-30.23 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.93781 GHz	-34.68 dBm	-21.68 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.71485 GHz	-43.44 dBm	-30.44 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.80464 GHz	-41.15 dBm	-28.15 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.02486 GHz	-38.69 dBm	-25.69 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81029 GHz	-40.71 dBm	-27.71 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.55316 GHz	-37.21 dBm	-24.21 dB

Date: 3.MAR.2025 11:31:05

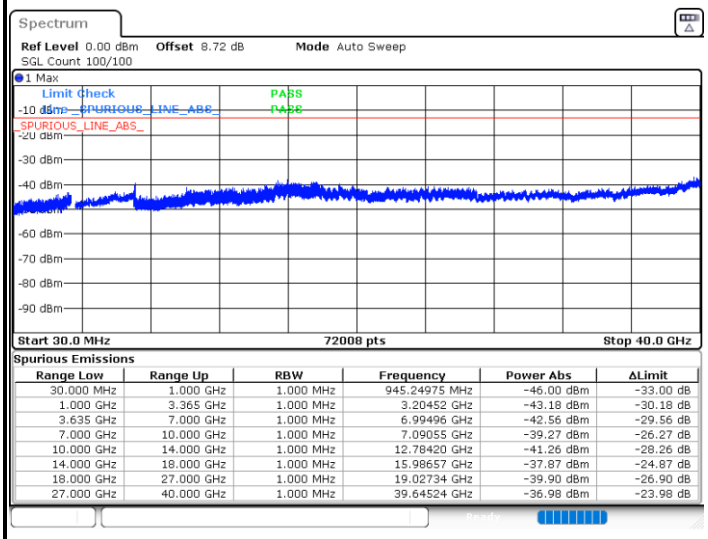


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	631.28372 MHz	-45.21 dBm	-32.21 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.36352 GHz	-43.32 dBm	-30.32 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.96806 GHz	-43.23 dBm	-30.23 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.01969 GHz	-39.29 dBm	-26.29 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.66446 GHz	-40.64 dBm	-27.64 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.30691 GHz	-37.81 dBm	-24.81 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.03409 GHz	-39.56 dBm	-26.56 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.97779 GHz	-37.35 dBm	-24.35 dB

Date: 3.MAR.2025 11:32:40

LTE Band 42C / 20MHz+5MHz QPSK Highest Channel / 1RB99 and 1RB0

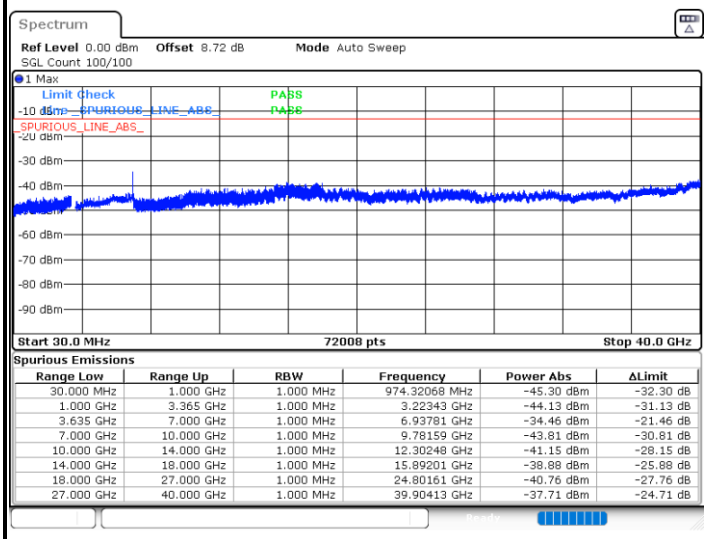


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	945.24975 MHz	-46.00 dBm	-33.00 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.20452 GHz	-43.18 dBm	-30.18 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.99496 GHz	-42.56 dBm	-29.56 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.09055 GHz	-39.27 dBm	-26.27 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.78420 GHz	-41.26 dBm	-28.26 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.98657 GHz	-37.87 dBm	-24.87 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.02734 GHz	-39.90 dBm	-26.90 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.64524 GHz	-36.98 dBm	-23.98 dB

Date: 3.MAR.2025 11:43:31

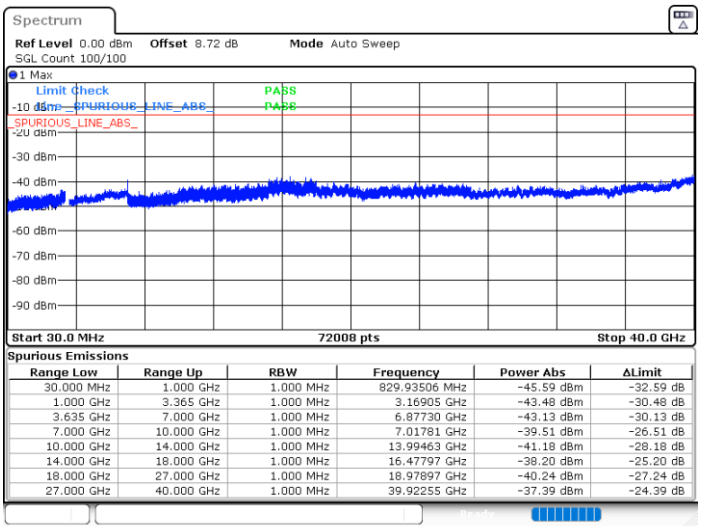
LTE Band 42C / 20MHz+10MHz QPSK Lowest Channel / 1RB99 and 1RB0	LTE Band 42C / 20MHz+10MHz QPSK Middle Channel / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.32068 MHz	-45.30 dBm	-32.30 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.22343 GHz	-44.13 dBm	-31.13 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.93781 GHz	-34.46 dBm	-21.46 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.78159 GHz	-43.81 dBm	-30.81 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.30248 GHz	-41.15 dBm	-28.15 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.89201 GHz	-38.88 dBm	-25.88 dB
18.000 GHz	27.000 GHz	1.000 MHz	24.80161 GHz	-40.76 dBm	-27.76 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.90413 GHz	-37.71 dBm	-24.71 dB

Date: 3.MAR.2025 11:54:21

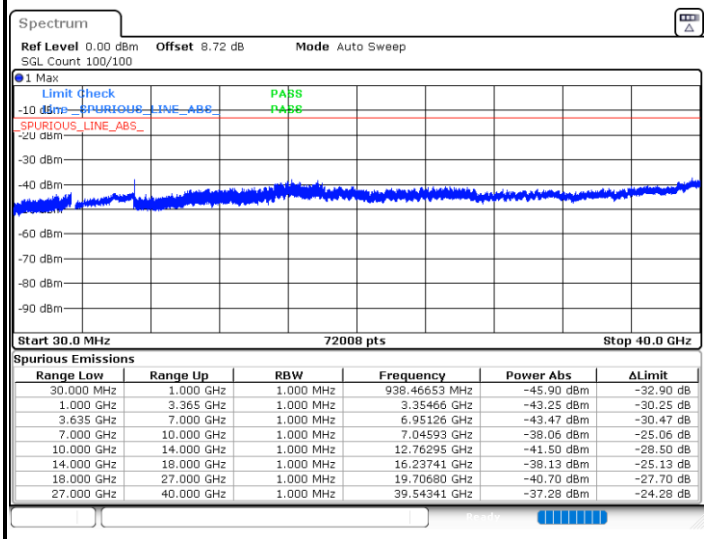


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	829.93506 MHz	-45.59 dBm	-32.59 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.16905 GHz	-43.48 dBm	-30.48 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.87730 GHz	-43.13 dBm	-30.13 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.01781 GHz	-39.51 dBm	-26.51 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99463 GHz	-41.18 dBm	-28.18 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.47797 GHz	-38.20 dBm	-25.20 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.97897 GHz	-40.24 dBm	-27.24 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.92255 GHz	-37.39 dBm	-24.39 dB

Date: 3.MAR.2025 11:55:54

LTE Band 42C / 20MHz+10MHz QPSK Highest Channel / 1RB99 and 1RB0

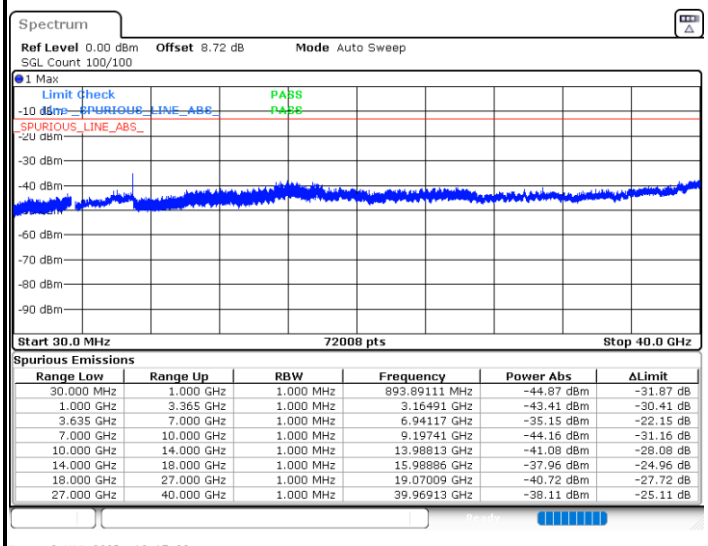


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.46653 MHz	-45.90 dBm	-32.90 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.35466 GHz	-43.25 dBm	-30.25 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.95126 GHz	-43.47 dBm	-30.47 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.04593 GHz	-38.06 dBm	-25.06 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.76295 GHz	-41.50 dBm	-28.50 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.23741 GHz	-38.13 dBm	-25.13 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70680 GHz	-40.70 dBm	-27.70 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.54341 GHz	-37.28 dBm	-24.28 dB

Date: 3.MAR.2025 12:06:45

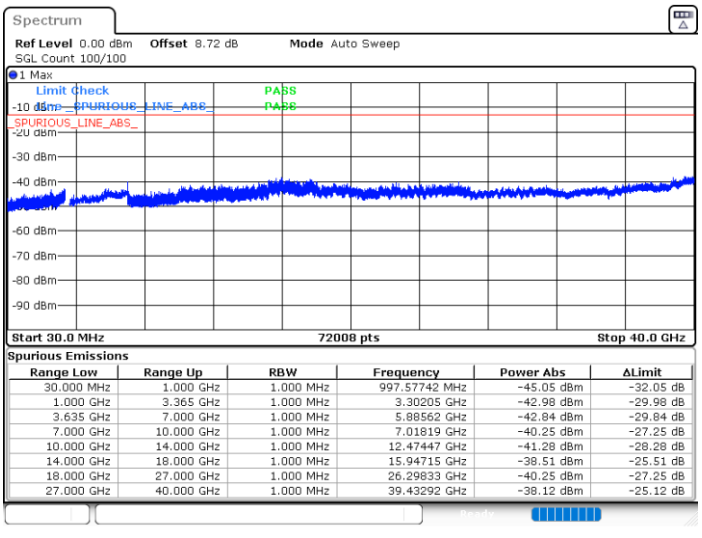
LTE Band 42C / 20MHz+15MHz QPSK Lowest Channel / 1RB99 and 1RB0	LTE Band 42C / 20MHz+15MHz QPSK Middle Channel / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	893.89111 MHz	-44.87 dBm	-31.87 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.16491 GHz	-43.41 dBm	-30.41 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.94117 GHz	-35.15 dBm	-22.15 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.19741 GHz	-44.16 dBm	-31.16 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.98813 GHz	-41.08 dBm	-28.08 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.98886 GHz	-37.96 dBm	-24.96 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.07009 GHz	-40.72 dBm	-27.72 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.96913 GHz	-38.11 dBm	-25.11 dB

Date: 3.MAR.2025 12:17:39

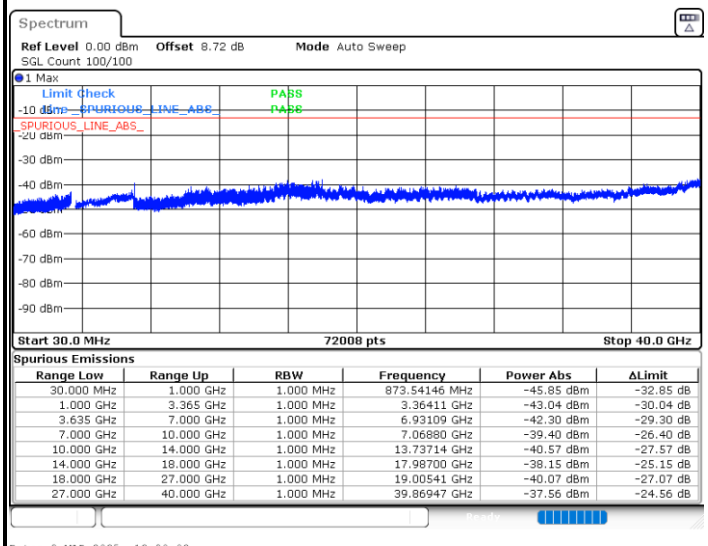


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.57742 MHz	-45.05 dBm	-32.05 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.30205 GHz	-42.98 dBm	-29.98 dB
3.635 GHz	7.000 GHz	1.000 MHz	5.88562 GHz	-42.84 dBm	-29.84 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.01819 GHz	-40.25 dBm	-27.25 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.47447 GHz	-41.28 dBm	-28.28 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.94715 GHz	-38.51 dBm	-25.51 dB
18.000 GHz	27.000 GHz	1.000 MHz	26.29833 GHz	-40.25 dBm	-27.25 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.43292 GHz	-38.12 dBm	-25.12 dB

Date: 3.MAR.2025 12:19:11

LTE Band 42C / 20MHz+15MHz QPSK Highest Channel / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	873.54146 MHz	-45.85 dBm	-32.85 dB
1.000 GHz	3.365 GHz	1.000 MHz	3.36411 GHz	-43.04 dBm	-30.04 dB
3.635 GHz	7.000 GHz	1.000 MHz	6.93109 GHz	-42.30 dBm	-29.30 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.06880 GHz	-39.40 dBm	-26.40 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.73714 GHz	-40.57 dBm	-27.57 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.98700 GHz	-38.15 dBm	-25.15 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.00541 GHz	-40.07 dBm	-27.07 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.86947 GHz	-37.56 dBm	-24.56 dB

Date: 3.MAR.2025 12:30:02

Frequency Stability

Test Conditions		LTE Band 42C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0043	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0037	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0042	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

LTE Band 42 / 20MHz / QPSK / Ant. 3									
Channel	Frequency (MHz)	EIRP (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	6982.00	-55.54	-13	-42.54	-81.69	-58.84	8.30	6982.00	H
	10473.00	-51.40	-13	-38.40	-82.36	-52.92	10.48	10473.00	H
	13964.00	-46.57	-13	-33.57	-81.71	-48.27	11.80	13964.00	H
	6982.00	-52.95	-13	-39.95	-79.56	-56.25	8.30	6982.00	V
	10473.00	-52.16	-13	-39.16	-82.51	-53.68	10.48	10473.00	V
	13964.00	-47.17	-13	-34.17	-81.92	-48.87	11.80	13964.00	V

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

LTE Band 42C / 20MHz+20MHz / QPSK / Ant. 3									
Channel	Frequency (MHz)	EIRP (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	7000.00	-55.44	-13	-42.44	-81.71	-58.74	8.30	11.60	H
	10500.00	-51.67	-13	-38.67	-82.60	-53.19	10.48	12.00	H
	14000.00	-46.66	-13	-33.66	-81.83	-48.36	11.80	13.50	H
	7000.00	-54.88	-13	-41.88	-81.6	-58.18	8.30	11.60	V
	10500.00	-52.11	-13	-39.11	-82.51	-53.63	10.48	12.00	V
	14000.00	-46.96	-13	-33.96	-81.79	-48.66	11.80	13.50	V

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