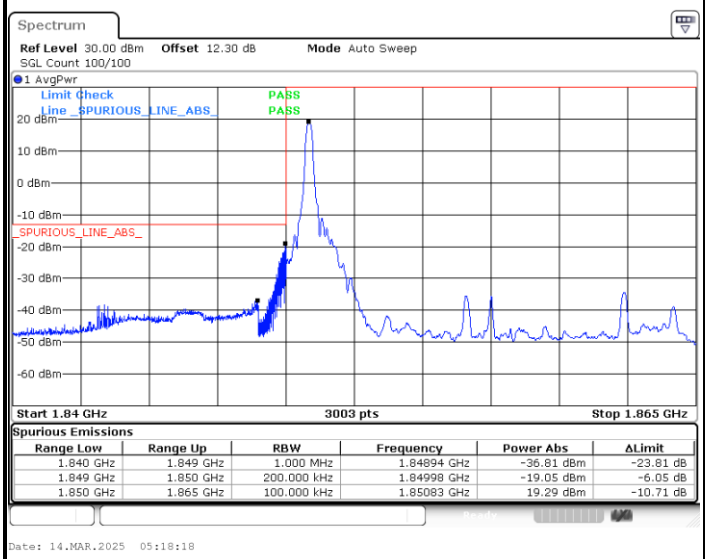
LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

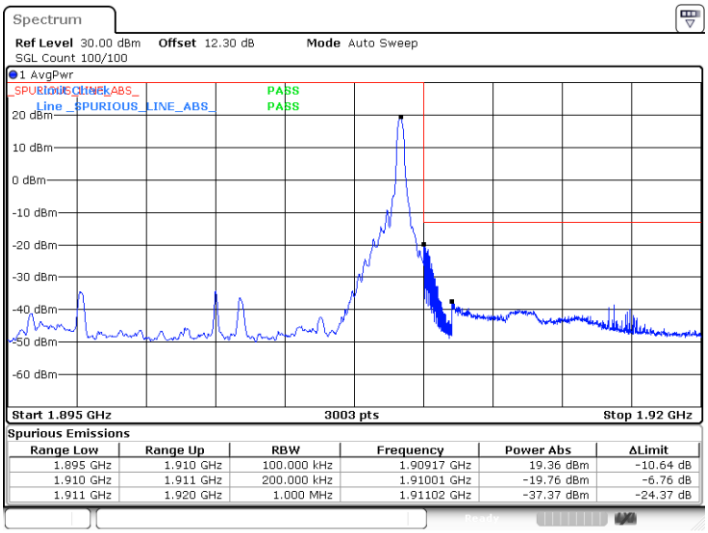


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84894 GHz	-36.81 dBm	-23.81 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84998 GHz	-19.05 dBm	-6.05 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85083 GHz	19.29 dBm	-10.71 dB

Date: 14.MAR.2025 05:18:18

Highest Band Edge / 1 RB

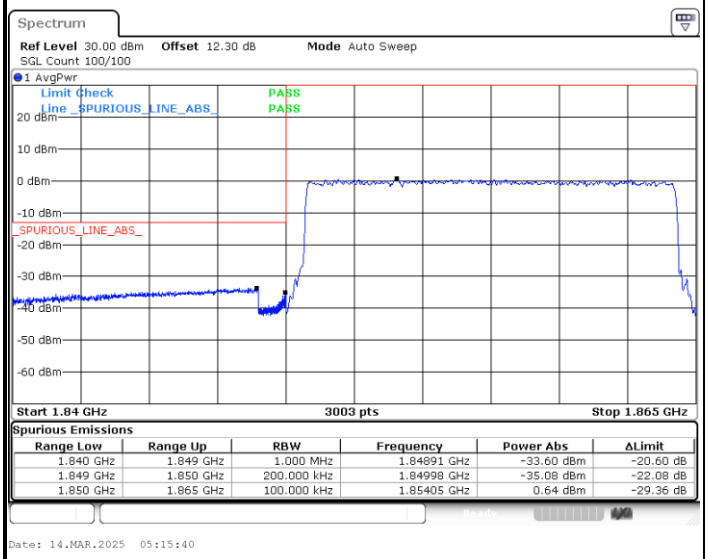


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.90917 GHz	19.36 dBm	-10.64 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91001 GHz	-19.76 dBm	-6.76 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91102 GHz	-37.37 dBm	-24.37 dB

Date: 14.MAR.2025 05:27:40

Lowest Band Edge / Full RB

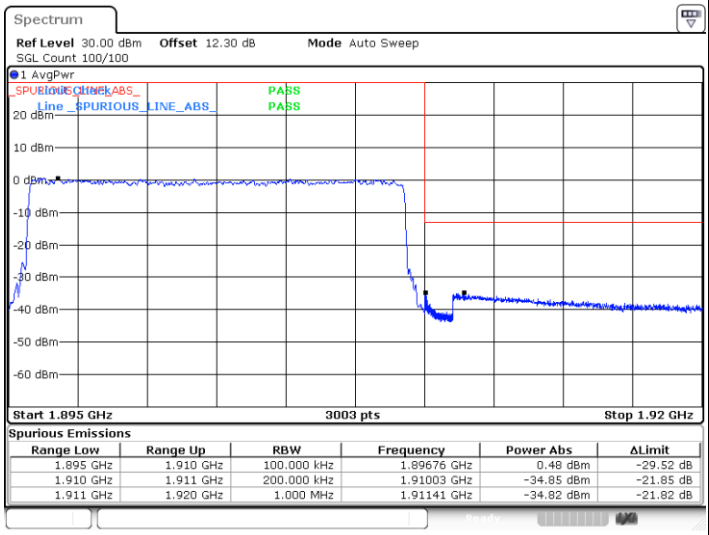


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84891 GHz	-33.60 dBm	-20.60 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84998 GHz	-35.08 dBm	-22.08 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85405 GHz	0.64 dBm	-29.36 dB

Date: 14.MAR.2025 05:15:40

Highest Band Edge / Full RB



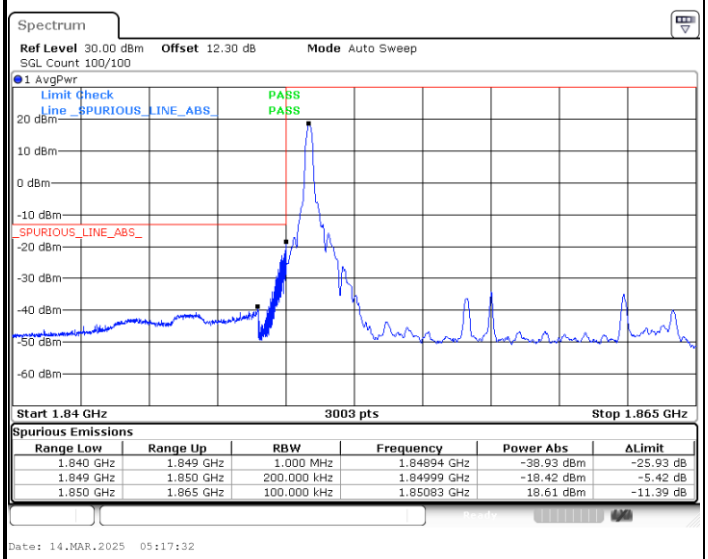
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.89676 GHz	0.48 dBm	-29.52 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91003 GHz	-34.85 dBm	-21.85 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91141 GHz	-34.82 dBm	-21.82 dB

Date: 14.MAR.2025 05:24:40

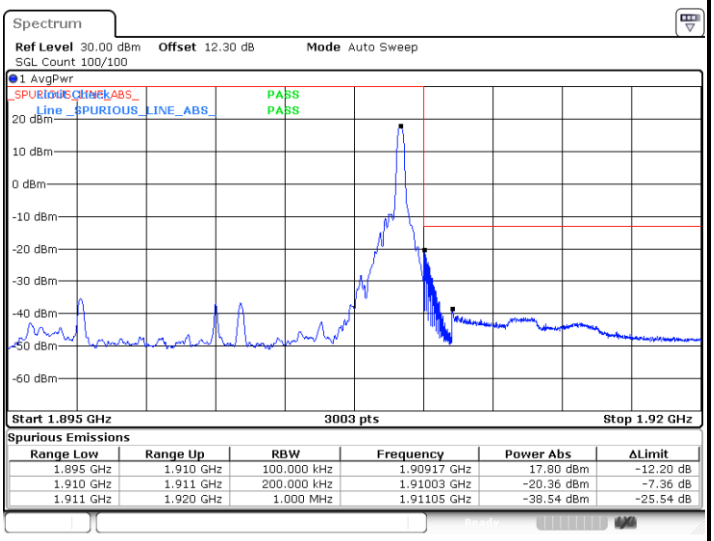
LTE Band 2 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



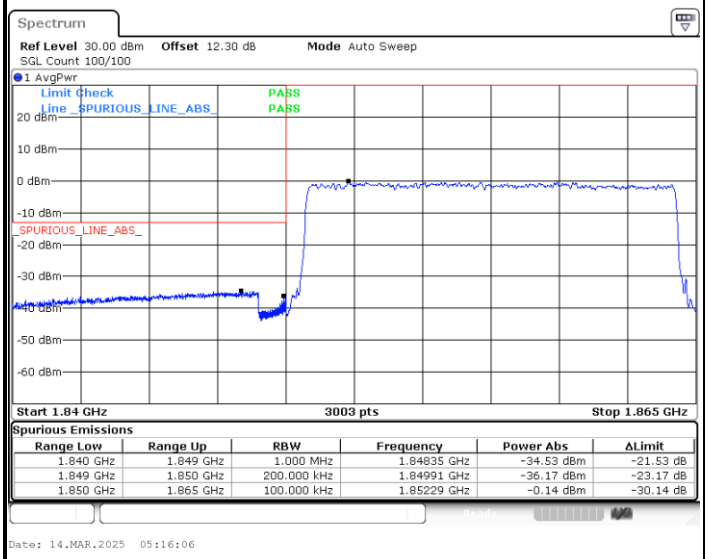
Date: 14.MAR.2025 05:17:32

Highest Band Edge / 1 RB



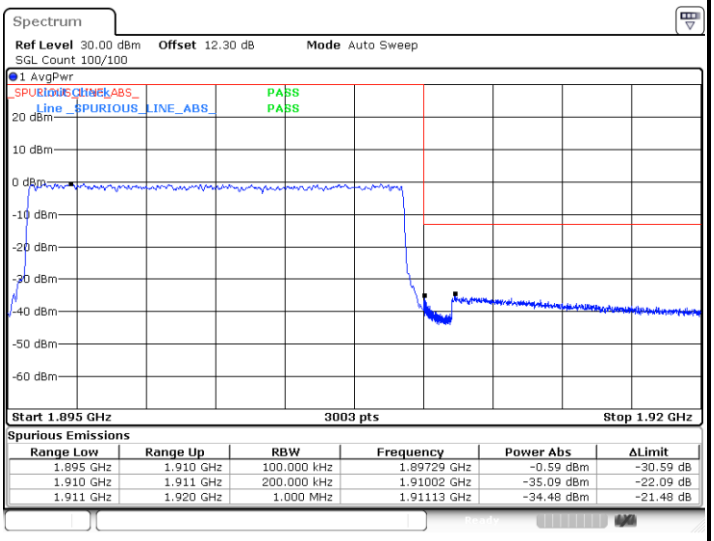
Date: 14.MAR.2025 05:26:59

Lowest Band Edge / Full RB



Date: 14.MAR.2025 05:16:06

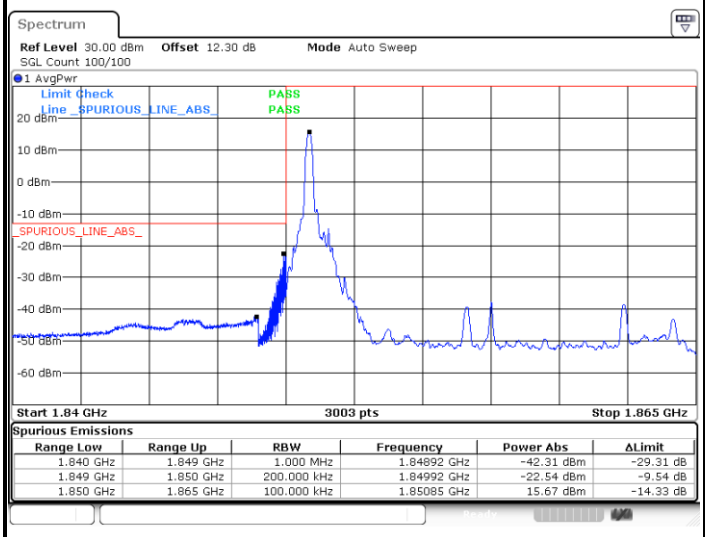
Highest Band Edge / Full RB



Date: 14.MAR.2025 05:25:16

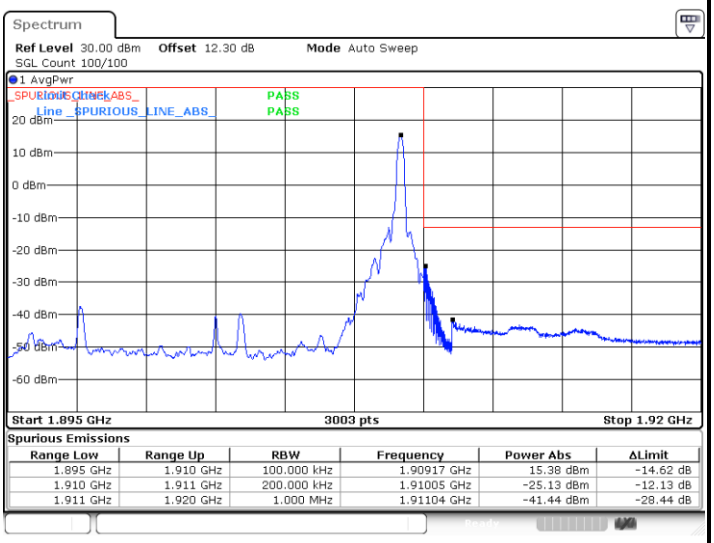
LTE Band 2 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



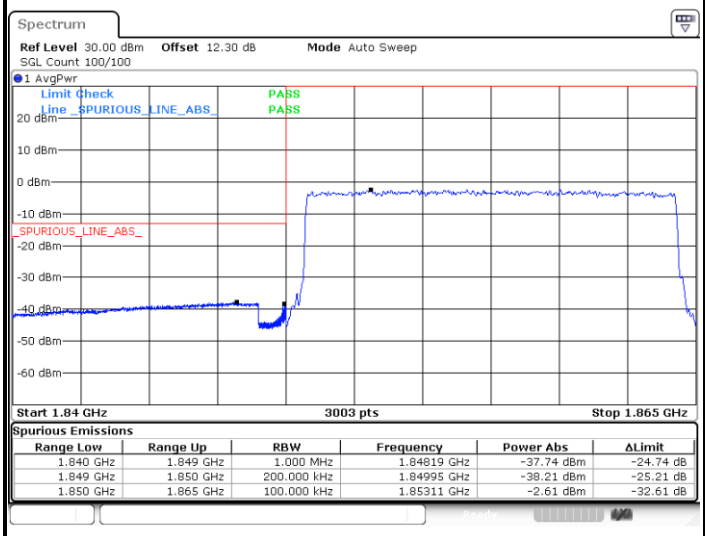
Date: 14.MAR.2025 05:17:00

Highest Band Edge / 1 RB



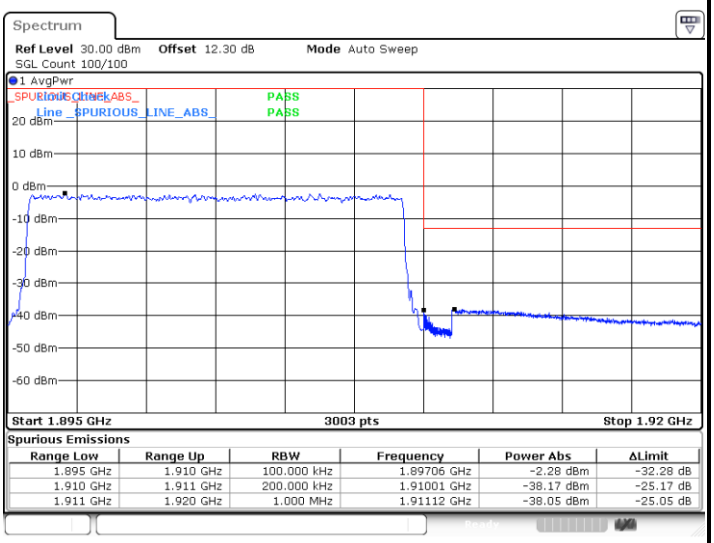
Date: 14.MAR.2025 05:26:27

Lowest Band Edge / Full RB



Date: 14.MAR.2025 05:16:32

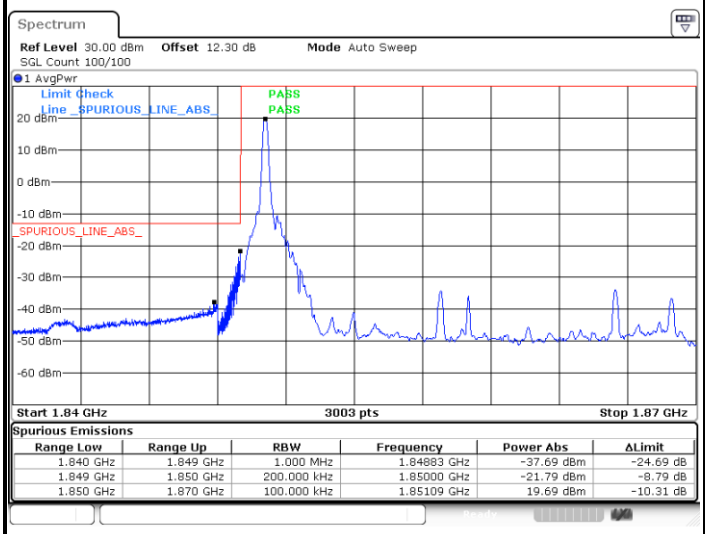
Highest Band Edge / Full RB



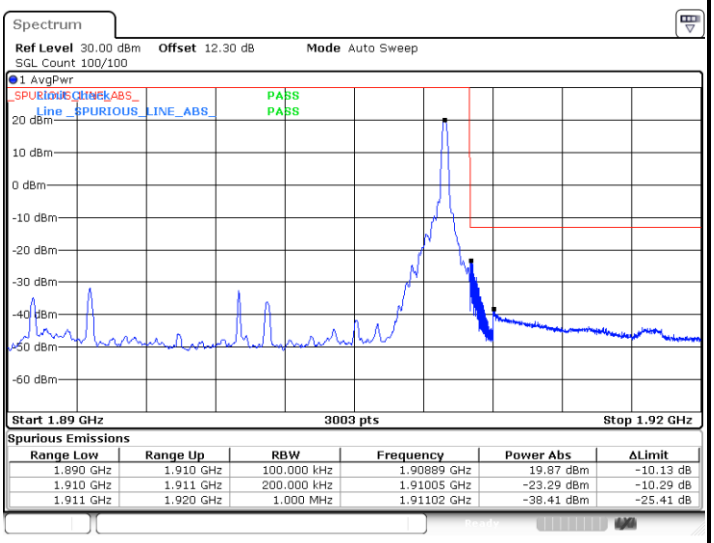
Date: 14.MAR.2025 05:25:46

LTE Band 2 / 20MHz / QPSK

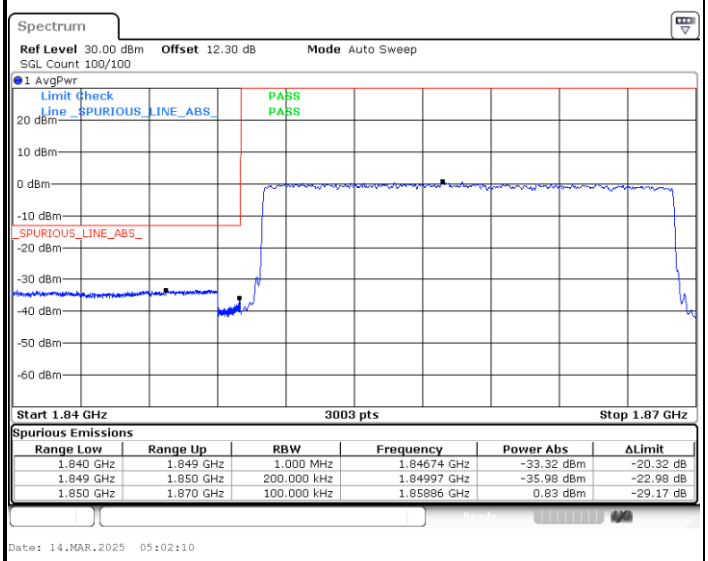
Lowest Band Edge / 1 RB



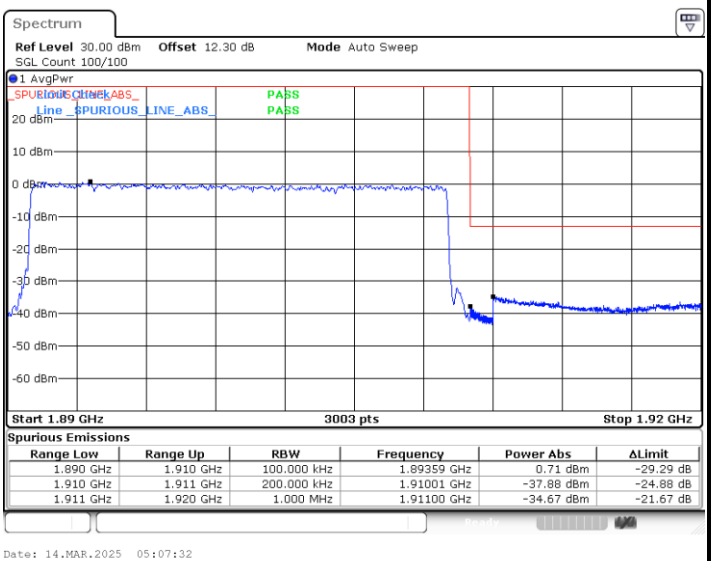
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

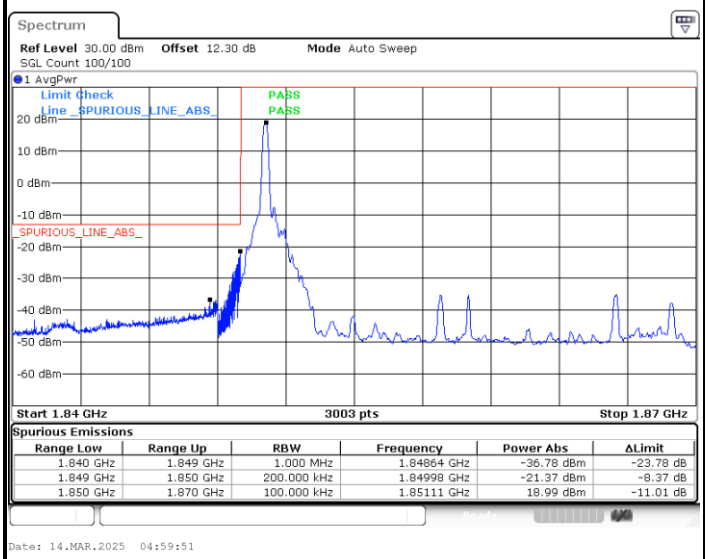


Highest Band Edge / Full RB



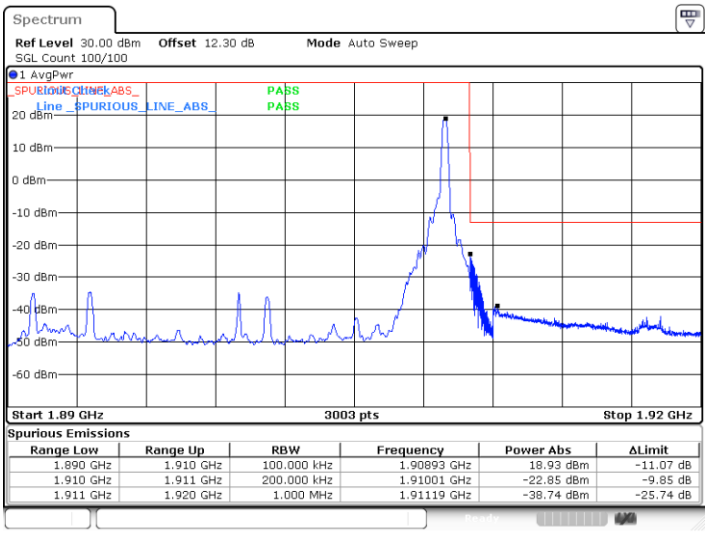
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



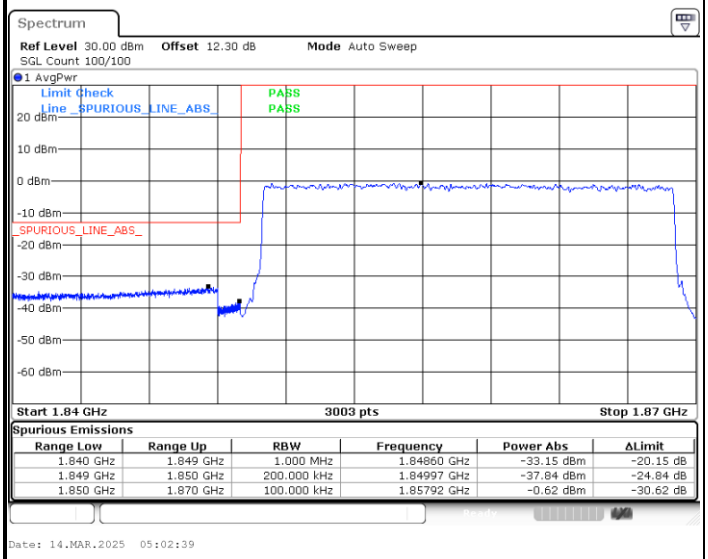
Date: 14.MAR.2025 04:59:51

Highest Band Edge / 1 RB



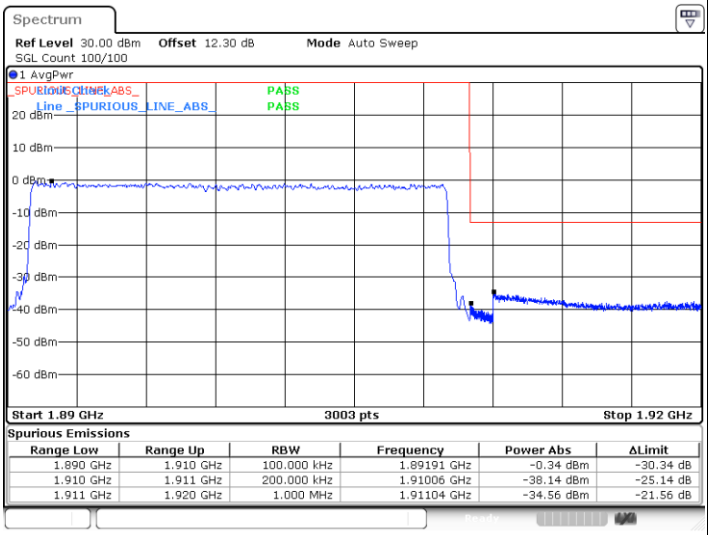
Date: 14.MAR.2025 05:11:39

Lowest Band Edge / Full RB



Date: 14.MAR.2025 05:02:39

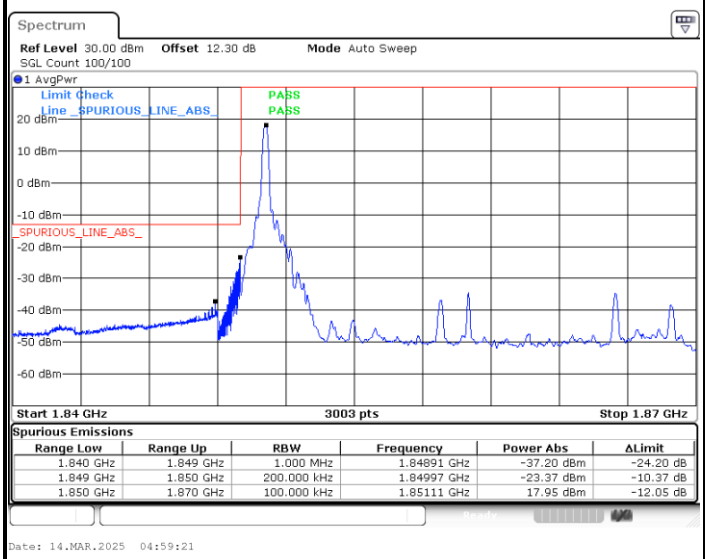
Highest Band Edge / Full RB



Date: 14.MAR.2025 05:08:02

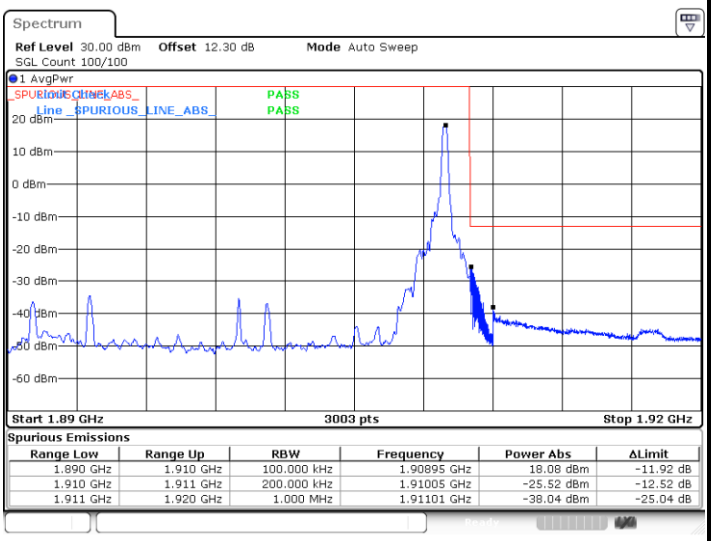
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



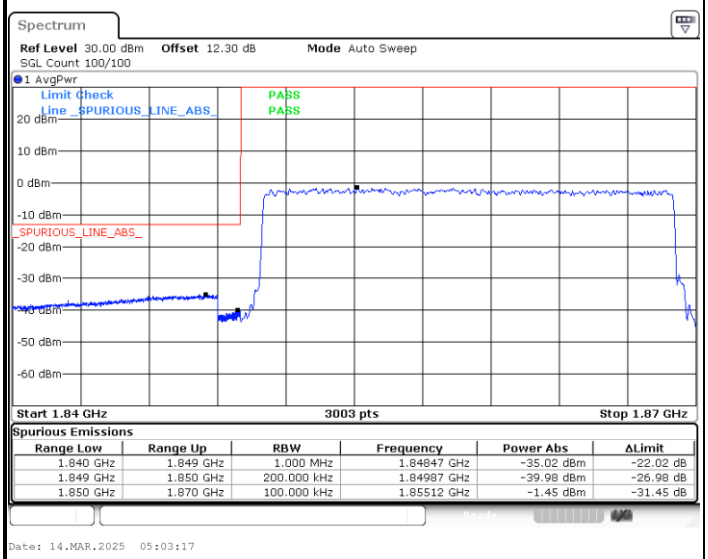
Date: 14.MAR.2025 04:59:21

Highest Band Edge / 1 RB



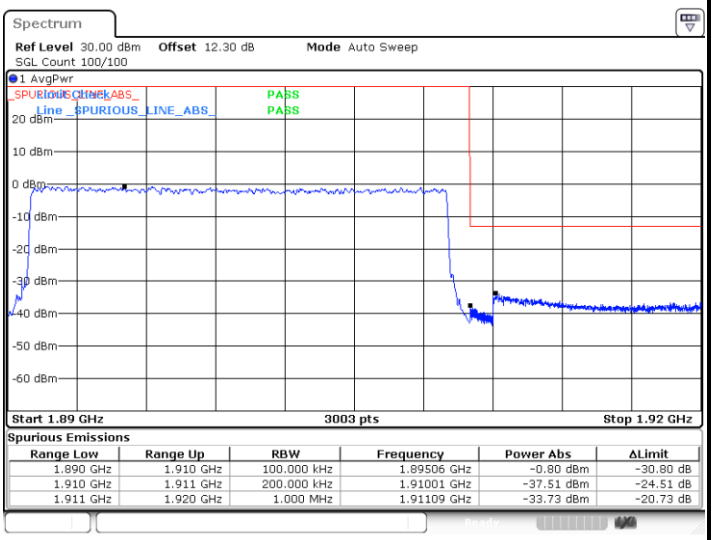
Date: 14.MAR.2025 05:11:14

Lowest Band Edge / Full RB



Date: 14.MAR.2025 05:03:17

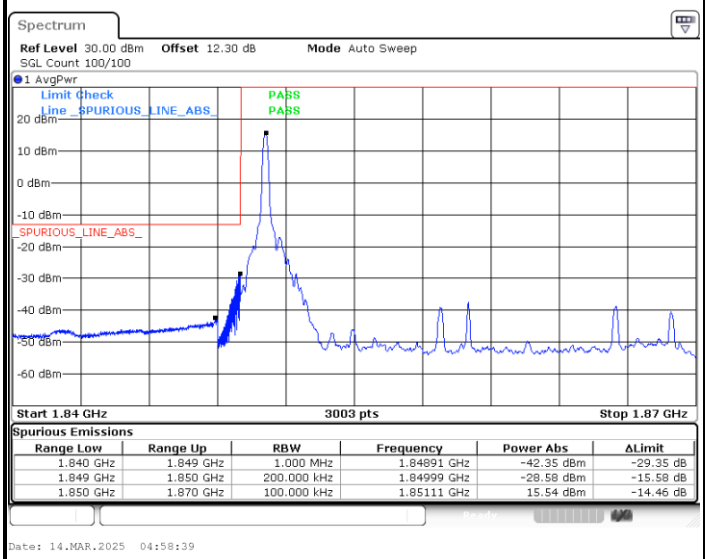
Highest Band Edge / Full RB



Date: 14.MAR.2025 05:09:12

LTE Band 2 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

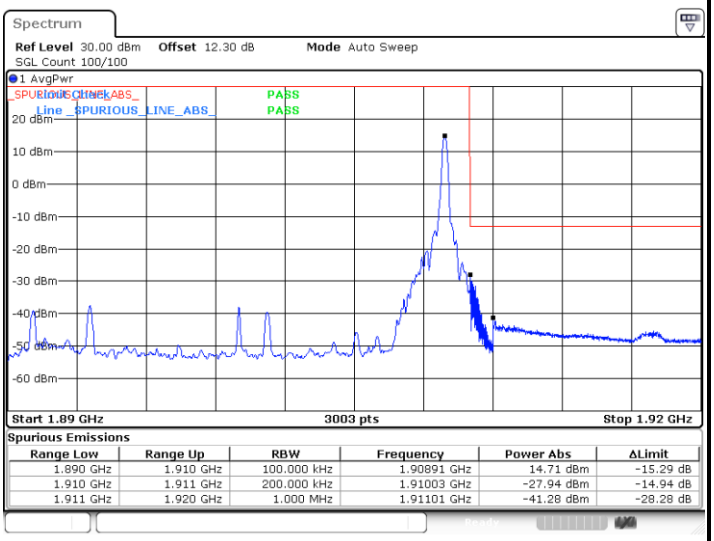


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84891 GHz	-42.35 dBm	-29.35 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84999 GHz	-28.58 dBm	-15.58 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85111 GHz	15.54 dBm	-14.46 dB

Date: 14.MAR.2025 04:58:39

Highest Band Edge / 1 RB

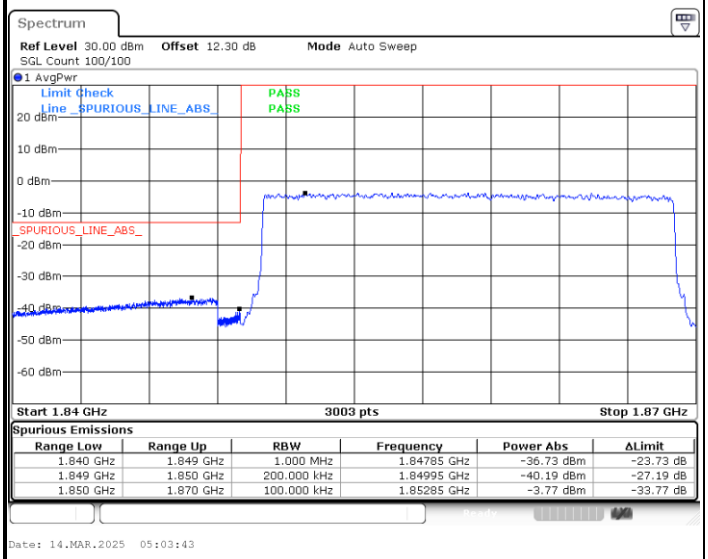


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.90891 GHz	14.71 dBm	-15.29 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91003 GHz	-27.94 dBm	-14.94 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91101 GHz	-41.28 dBm	-28.28 dB

Date: 14.MAR.2025 05:10:44

Lowest Band Edge / Full RB

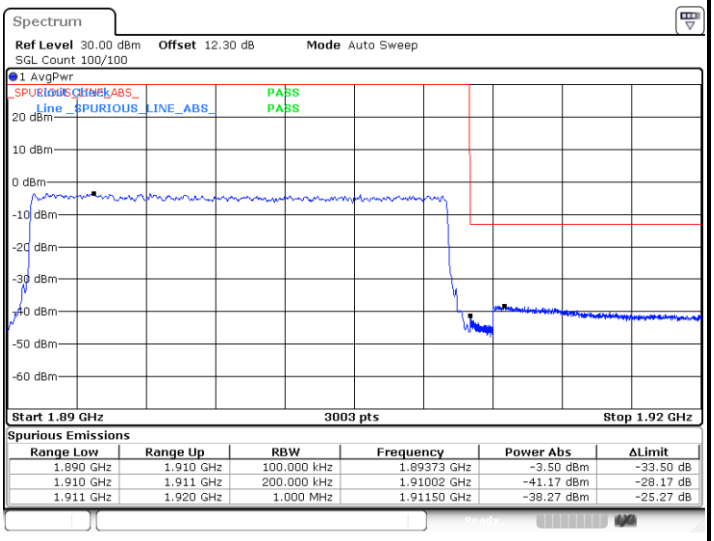


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84785 GHz	-36.73 dBm	-23.73 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84995 GHz	-40.19 dBm	-27.19 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85285 GHz	-3.77 dBm	-33.77 dB

Date: 14.MAR.2025 05:03:43

Highest Band Edge / Full RB



Spurious Emissions

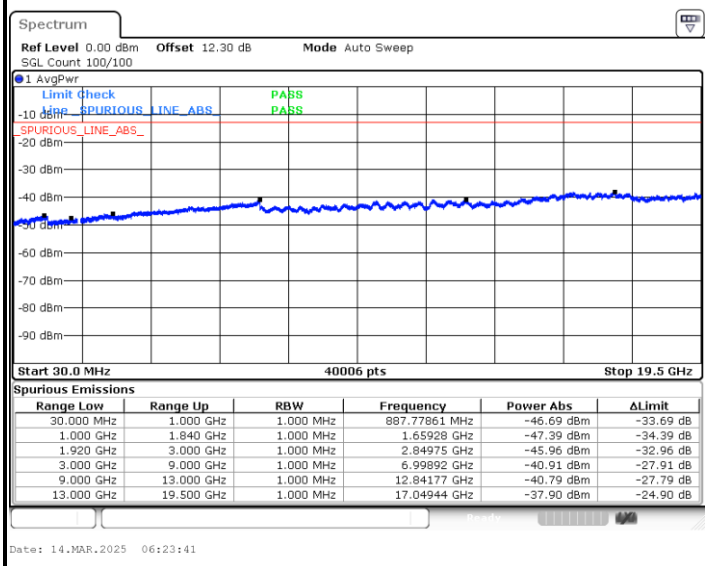
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.89373 GHz	-3.50 dBm	-33.50 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91002 GHz	-41.17 dBm	-28.17 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91150 GHz	-38.27 dBm	-25.27 dB

Date: 14.MAR.2025 05:10:13

Conducted Spurious Emission

LTE Band 2 / 1.4MHz

Lowest Channel / QPSK

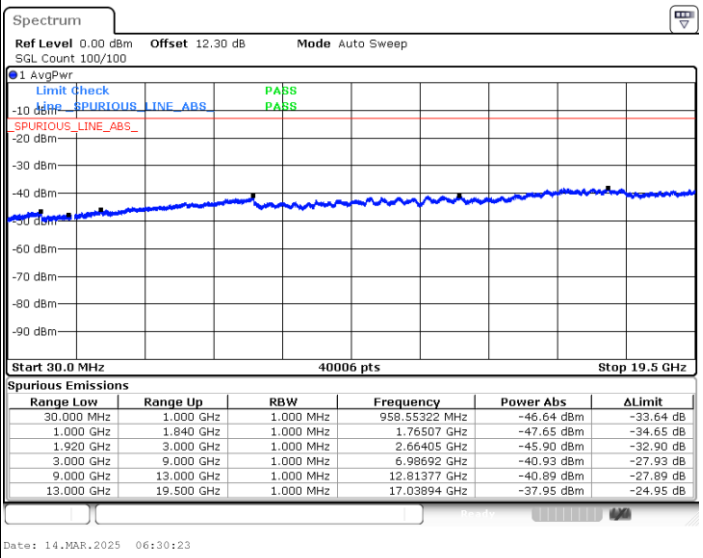


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.77861 MHz	-46.69 dBm	-33.69 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65928 GHz	-47.39 dBm	-34.39 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.84975 GHz	-45.96 dBm	-32.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99892 GHz	-40.91 dBm	-27.91 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84177 GHz	-40.79 dBm	-27.79 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04944 GHz	-37.90 dBm	-24.90 dB

Date: 14.MAR.2025 06:23:41

Middle Channel / QPSK

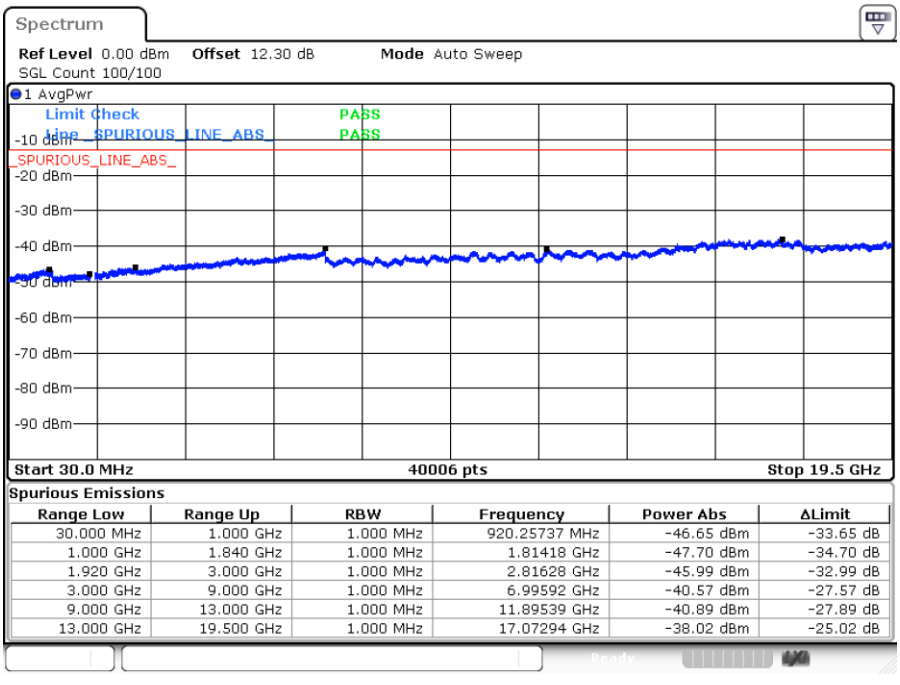


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.55322 MHz	-46.64 dBm	-33.64 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.76507 GHz	-47.65 dBm	-34.65 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66405 GHz	-45.90 dBm	-32.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98692 GHz	-40.93 dBm	-27.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.81377 GHz	-40.89 dBm	-27.89 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.03894 GHz	-37.95 dBm	-24.95 dB

Date: 14.MAR.2025 06:30:23

Highest Channel / QPSK



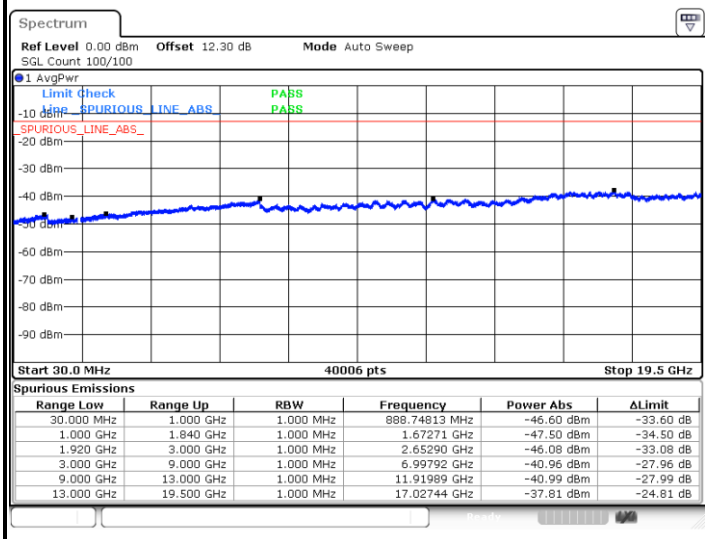
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.25737 MHz	-46.65 dBm	-33.65 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81418 GHz	-47.70 dBm	-34.70 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.81628 GHz	-45.99 dBm	-32.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99592 GHz	-40.57 dBm	-27.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.89539 GHz	-40.89 dBm	-27.89 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.07294 GHz	-38.02 dBm	-25.02 dB

Date: 14.MAR.2025 06:42:48

LTE Band 2 / 3MHz

Lowest Channel / QPSK

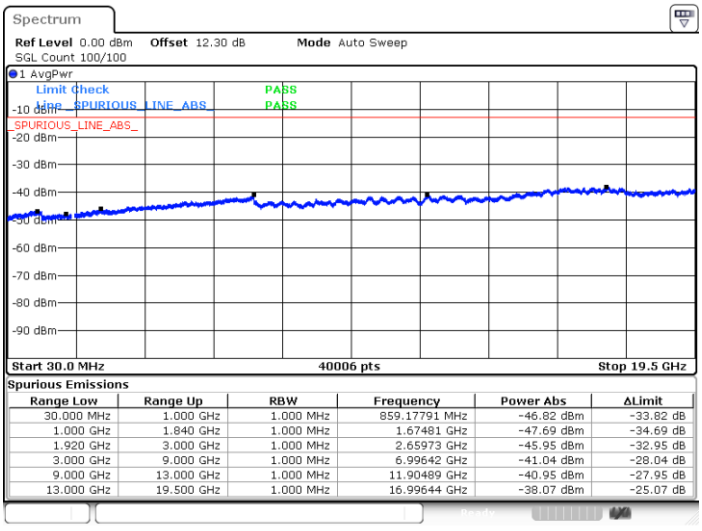


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	888.74813 MHz	-46.60 dBm	-33.60 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.67271 GHz	-47.50 dBm	-34.50 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65290 GHz	-46.08 dBm	-33.08 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99792 GHz	-40.96 dBm	-27.96 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.91989 GHz	-40.99 dBm	-27.99 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.02744 GHz	-37.81 dBm	-24.81 dB

Date: 14.MAR.2025 06:08:19

Middle Channel / QPSK

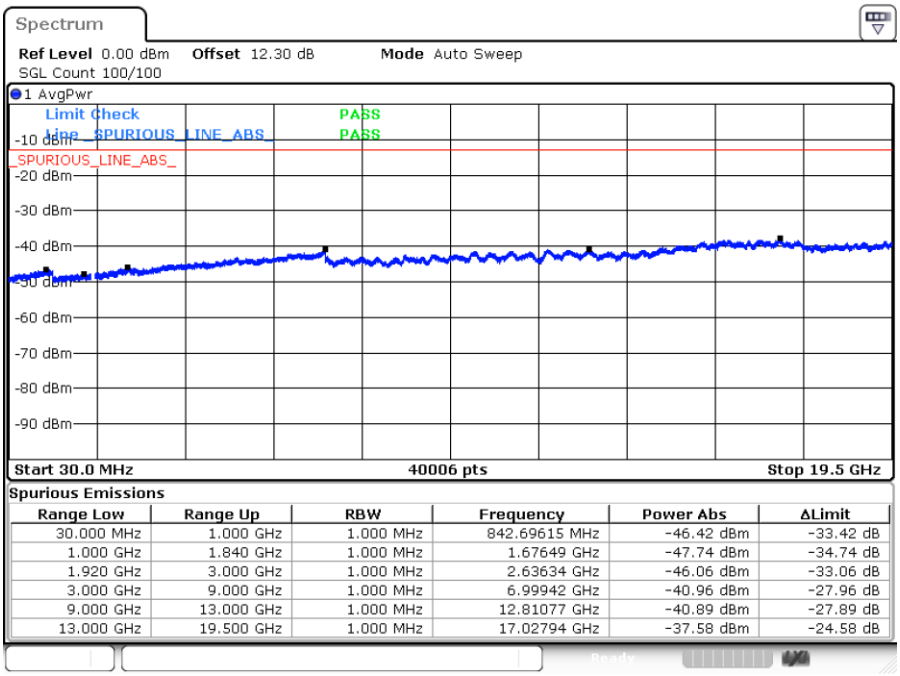


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	859.17791 MHz	-46.82 dBm	-33.82 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.67481 GHz	-47.69 dBm	-34.69 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65973 GHz	-45.95 dBm	-32.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99642 GHz	-41.04 dBm	-28.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.90489 GHz	-40.95 dBm	-27.95 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.99644 GHz	-38.07 dBm	-25.07 dB

Date: 14.MAR.2025 06:13:36

Highest Channel / QPSK



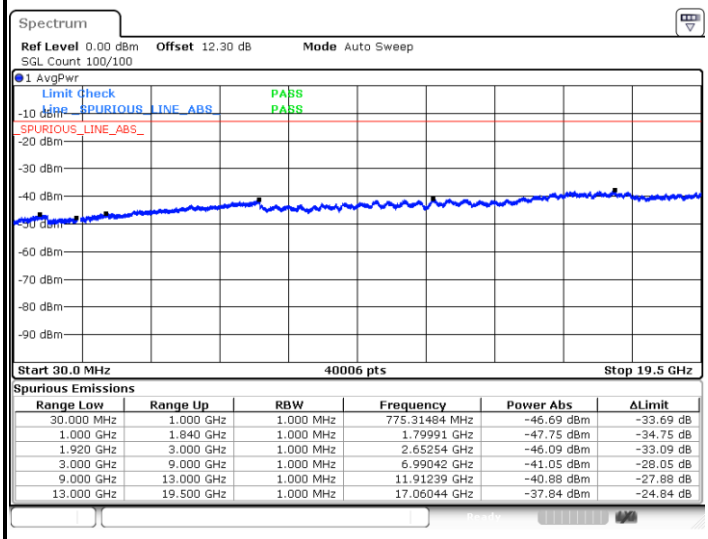
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	842.69615 MHz	-46.42 dBm	-33.42 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.67649 GHz	-47.74 dBm	-34.74 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.63634 GHz	-46.06 dBm	-33.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99942 GHz	-40.96 dBm	-27.96 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.81077 GHz	-40.89 dBm	-27.89 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.02794 GHz	-37.58 dBm	-24.58 dB

Date: 14.MAR.2025 06:21:48

LTE Band 2 / 5MHz

Lowest Channel / QPSK

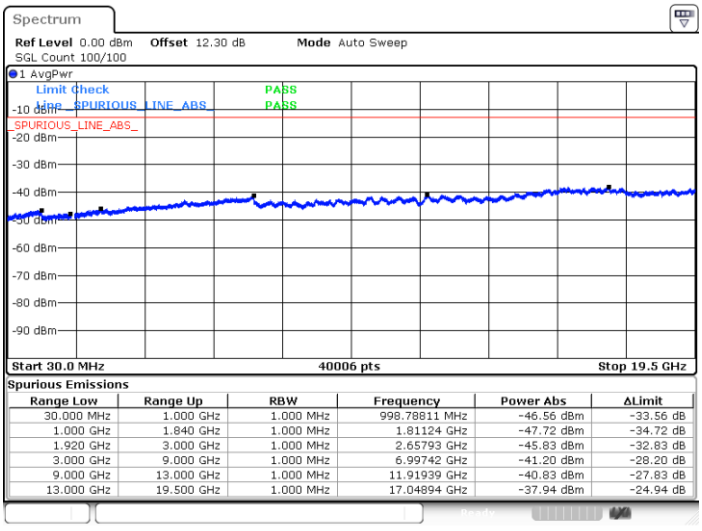


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	775.31484 MHz	-46.69 dBm	-33.69 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79991 GHz	-47.75 dBm	-34.75 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65254 GHz	-46.09 dBm	-33.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.05 dBm	-28.05 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.91239 GHz	-40.88 dBm	-27.88 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.06044 GHz	-37.84 dBm	-24.84 dB

Date: 14.MAR.2025 05:46:44

Middle Channel / QPSK

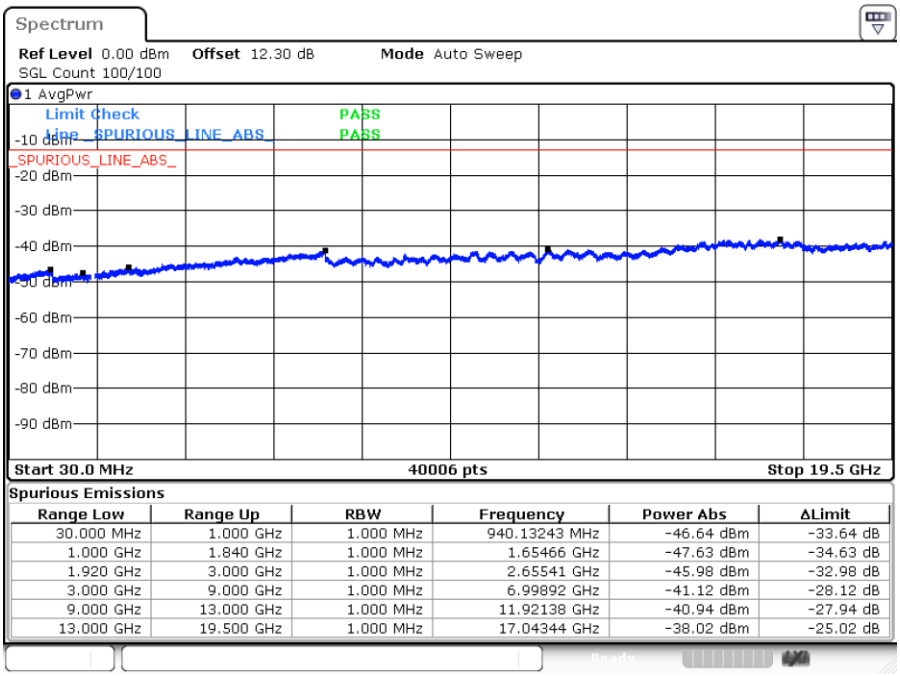


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-46.56 dBm	-33.56 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81124 GHz	-47.72 dBm	-34.72 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65793 GHz	-45.83 dBm	-32.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99742 GHz	-41.20 dBm	-28.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.91939 GHz	-40.83 dBm	-27.83 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04894 GHz	-37.94 dBm	-24.94 dB

Date: 14.MAR.2025 05:56:19

Highest Channel / QPSK



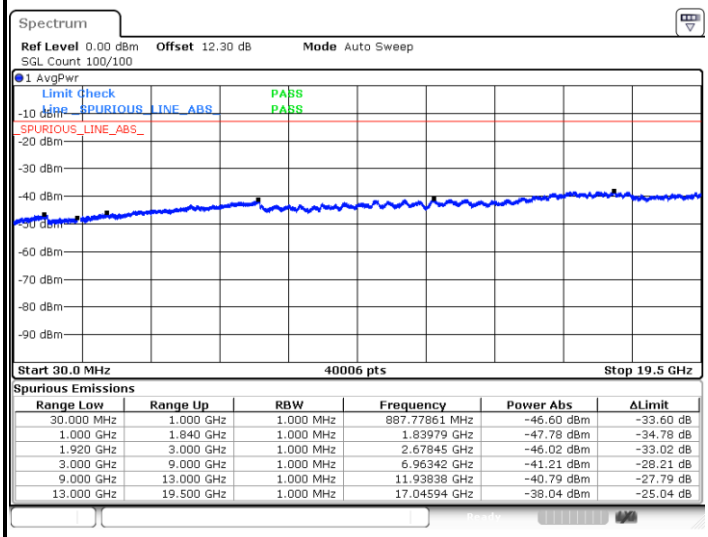
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	940.13243 MHz	-46.64 dBm	-33.64 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65466 GHz	-47.63 dBm	-34.63 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65541 GHz	-45.98 dBm	-32.98 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99892 GHz	-41.12 dBm	-28.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.92138 GHz	-40.94 dBm	-27.94 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04344 GHz	-38.02 dBm	-25.02 dB

Date: 14.MAR.2025 06:06:00

LTE Band 2 / 10MHz

Lowest Channel / QPSK

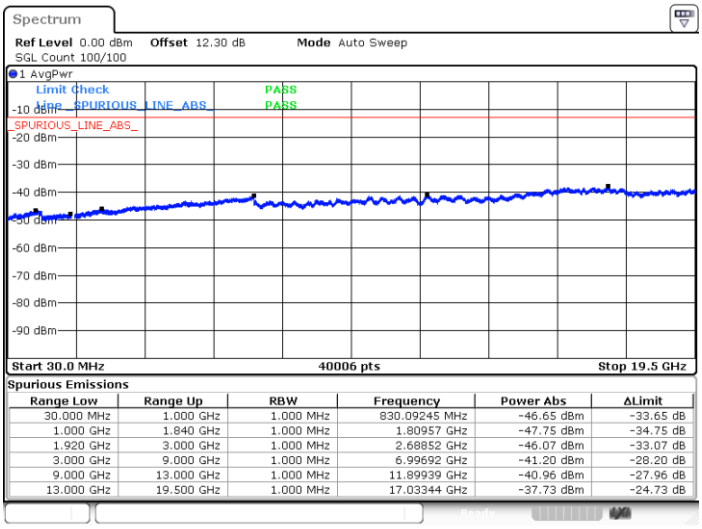


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.77861 MHz	-46.60 dBm	-33.60 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-47.78 dBm	-34.78 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67845 GHz	-46.02 dBm	-33.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96342 GHz	-41.21 dBm	-28.21 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.93838 GHz	-40.79 dBm	-27.79 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04594 GHz	-38.04 dBm	-25.04 dB

Date: 14.MAR.2025 05:30:45

Middle Channel / QPSK

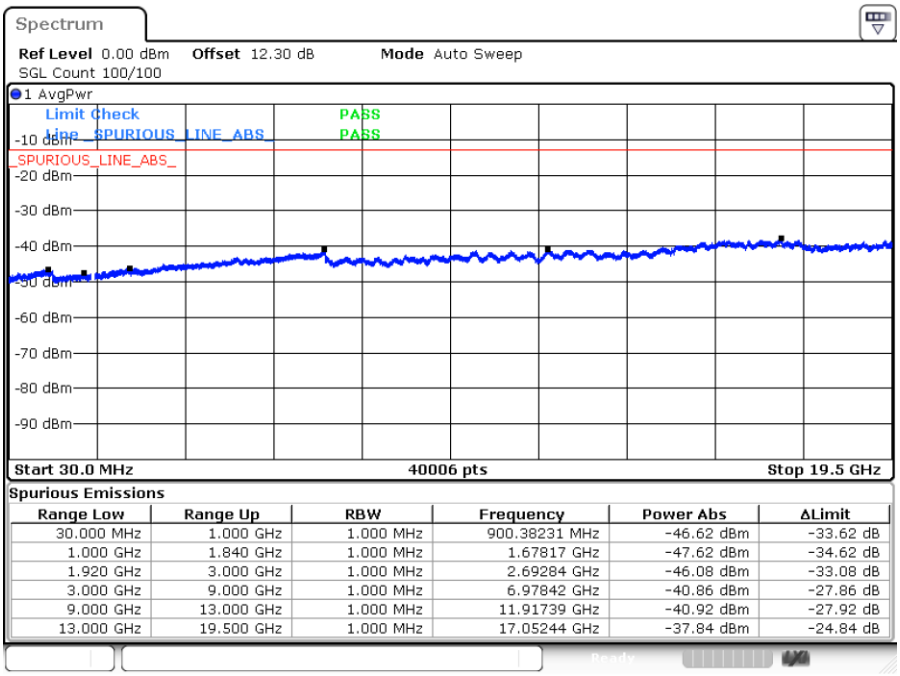


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	830.09245 MHz	-46.65 dBm	-33.65 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80957 GHz	-47.75 dBm	-34.75 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68852 GHz	-46.07 dBm	-33.07 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99692 GHz	-41.20 dBm	-28.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.89939 GHz	-40.96 dBm	-27.96 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.03344 GHz	-37.73 dBm	-24.73 dB

Date: 14.MAR.2025 05:38:10

Highest Channel / QPSK



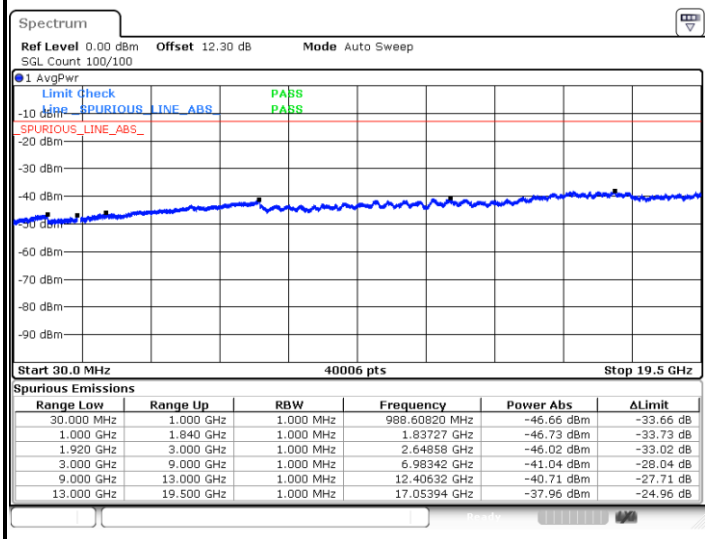
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	900.38231 MHz	-46.62 dBm	-33.62 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.67817 GHz	-47.62 dBm	-34.62 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.69284 GHz	-46.08 dBm	-33.08 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97842 GHz	-40.86 dBm	-27.86 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.91739 GHz	-40.92 dBm	-27.92 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.05244 GHz	-37.84 dBm	-24.84 dB

Date: 14.MAR.2025 05:39:54

LTE Band 2 / 15MHz

Lowest Channel / QPSK

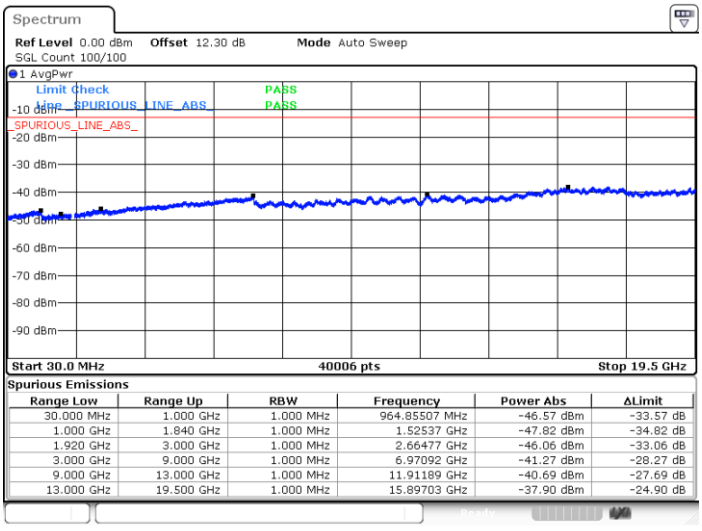


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.60820 MHz	-46.66 dBm	-33.66 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83727 GHz	-46.73 dBm	-33.73 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.64858 GHz	-46.02 dBm	-33.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98342 GHz	-41.04 dBm	-28.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40632 GHz	-40.71 dBm	-27.71 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.05394 GHz	-37.96 dBm	-24.96 dB

Date: 14.MAR.2025 05:19:33

Middle Channel / QPSK

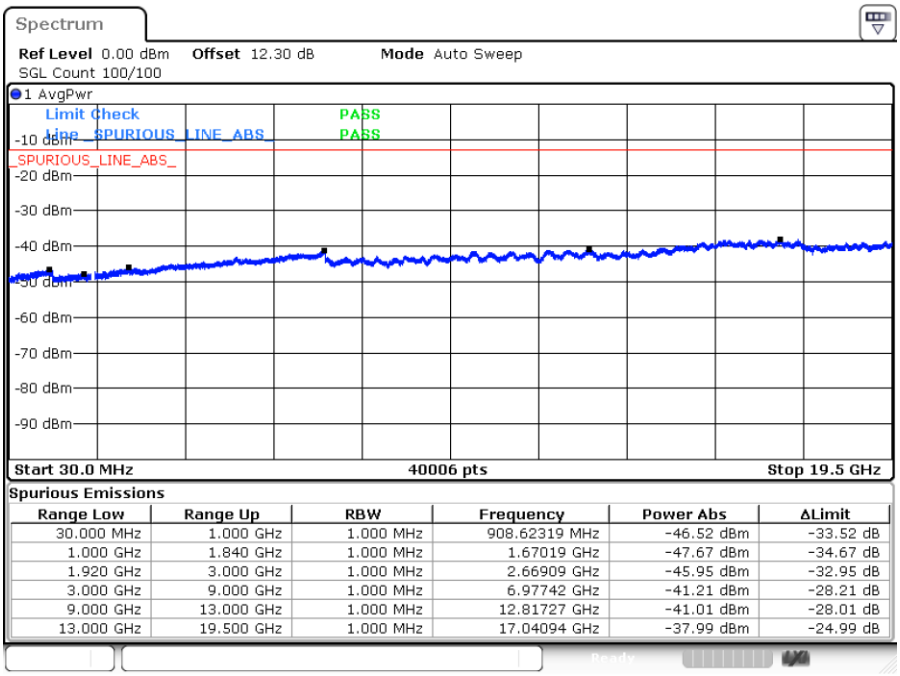


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.85507 MHz	-46.57 dBm	-33.57 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.52537 GHz	-47.82 dBm	-34.82 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66477 GHz	-46.06 dBm	-33.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97092 GHz	-41.27 dBm	-28.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.91189 GHz	-40.69 dBm	-27.69 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.89703 GHz	-37.90 dBm	-24.90 dB

Date: 14.MAR.2025 05:21:09

Highest Channel / QPSK



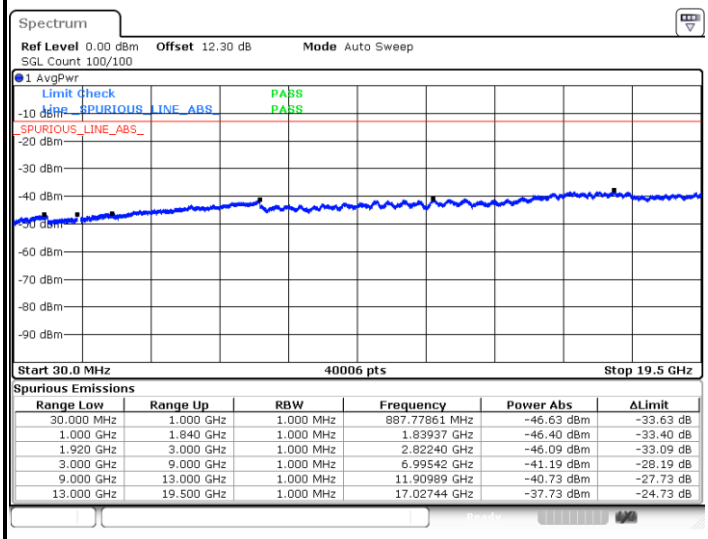
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.62319 MHz	-46.52 dBm	-33.52 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.67019 GHz	-47.67 dBm	-34.67 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66909 GHz	-45.95 dBm	-32.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97742 GHz	-41.21 dBm	-28.21 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.81727 GHz	-41.01 dBm	-28.01 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04094 GHz	-37.99 dBm	-24.99 dB

Date: 14.MAR.2025 05:29:02

LTE Band 2 / 20MHz

Lowest Channel / QPSK

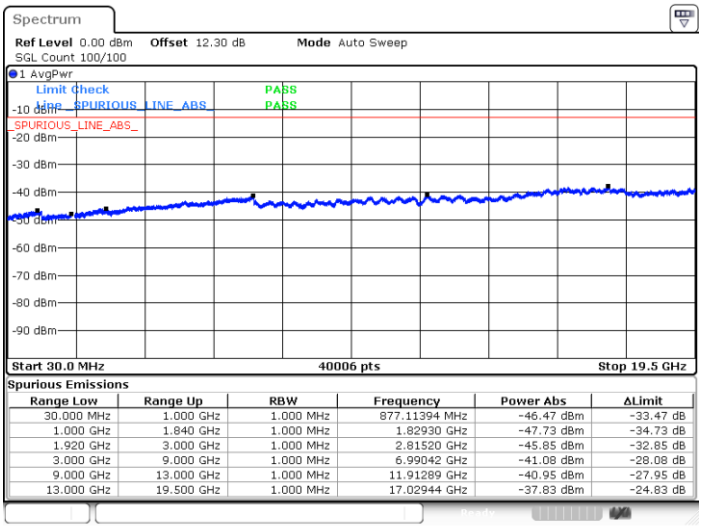


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.77861 MHz	-46.63 dBm	-33.63 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83937 GHz	-46.40 dBm	-33.40 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.82240 GHz	-46.09 dBm	-33.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99542 GHz	-41.19 dBm	-28.19 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.90989 GHz	-40.73 dBm	-27.73 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.02744 GHz	-37.73 dBm	-24.73 dB

Date: 14.MAR.2025 05:01:27

Middle Channel / QPSK

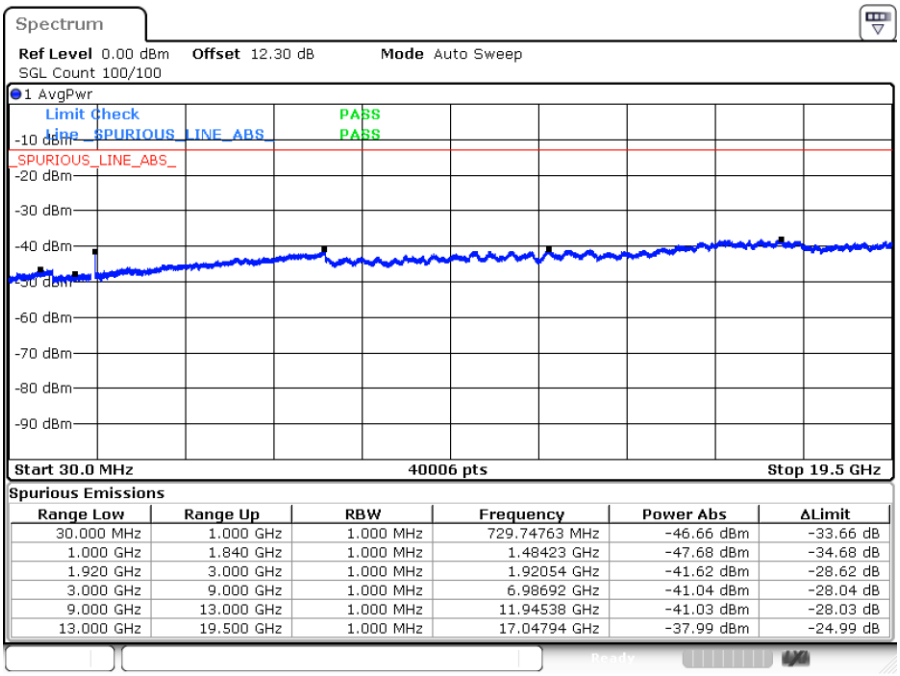


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	877.11394 MHz	-46.47 dBm	-33.47 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82930 GHz	-47.73 dBm	-34.73 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.81520 GHz	-45.85 dBm	-32.85 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.08 dBm	-28.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.91289 GHz	-40.95 dBm	-27.95 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.02944 GHz	-37.83 dBm	-24.83 dB

Date: 14.MAR.2025 04:18:52

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	729.74763 MHz	-46.66 dBm	-33.66 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.48423 GHz	-47.68 dBm	-34.68 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92054 GHz	-41.62 dBm	-28.62 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98692 GHz	-41.04 dBm	-28.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.94538 GHz	-41.03 dBm	-28.03 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04794 GHz	-37.99 dBm	-24.99 dB

Date: 14.MAR.2025 05:12:56

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	0.0022	PASS
40	Normal Voltage	0.0031	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0033	
-30	Normal Voltage	0.0041	
20	Maximum Voltage	0.0036	
20	Normal Voltage	0.0025	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage =3.91 V.; Battery End Point (BEP) =3.6V.; Maximum Voltage =4.5V.

2. Note: The frequency fundamental emissions stay within the authorized frequency block.

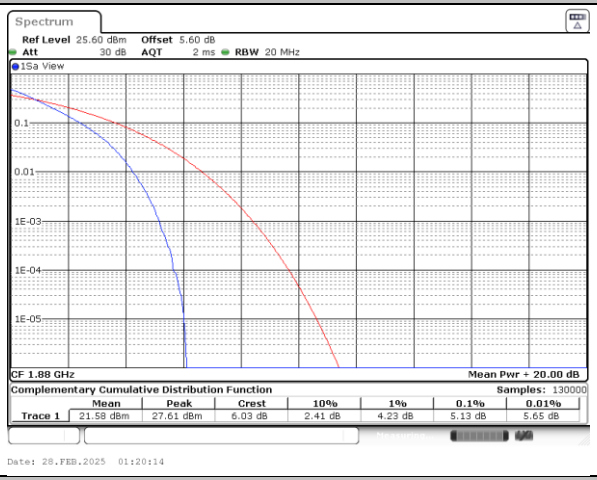
LTE Band 25

Peak-to-Average Ratio

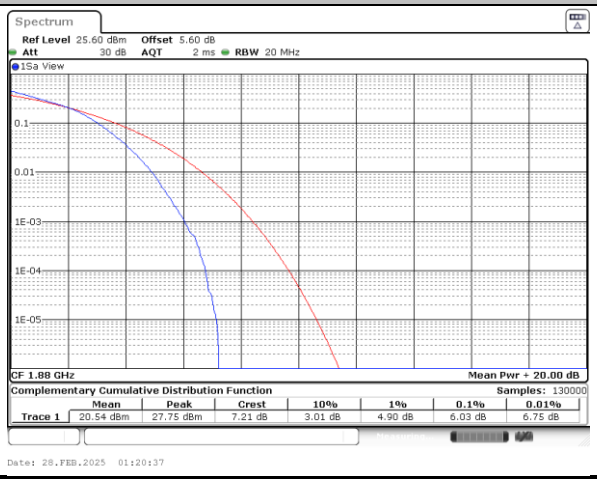
Mode	LTE Band 25 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.13	6.03	6.35	**6.52**	PASS

LTE Band 25 / 20MHz

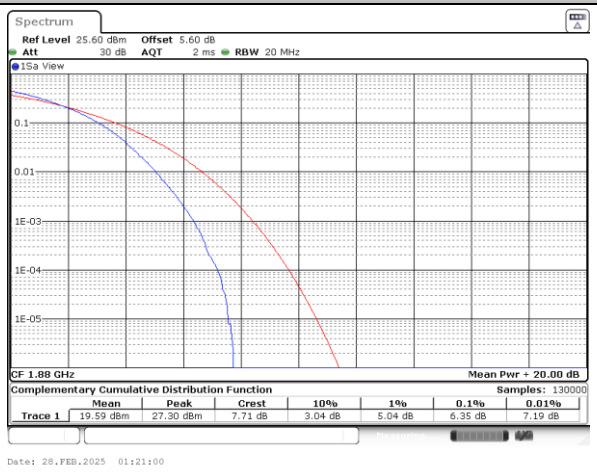
Middle Channel / Full RB/ QPSK



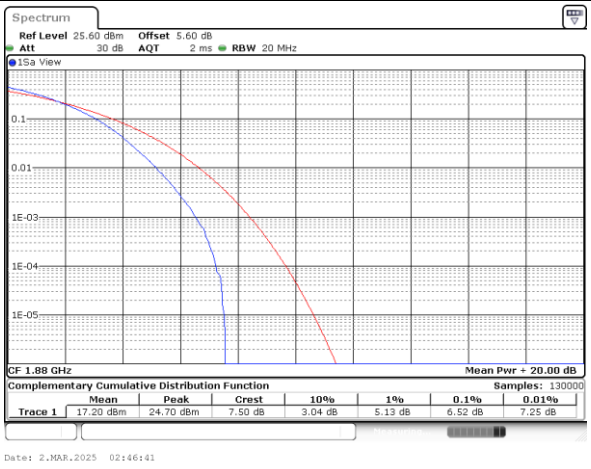
Middle Channel / Full RB/ 16QAM



Middle Channel / Full RB/ 64QAM



Middle Channel / Full RB/ 256QAM

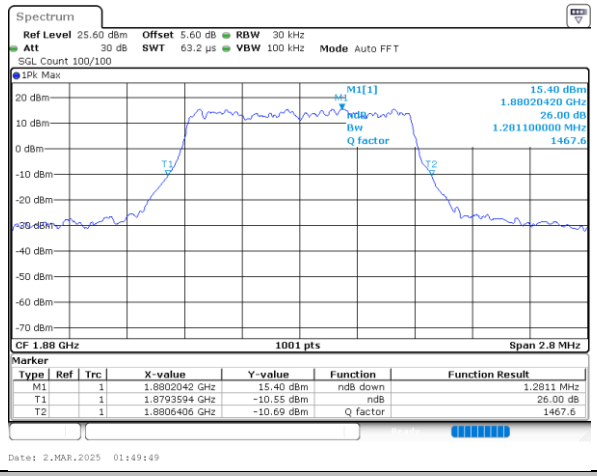


26dB Bandwidth

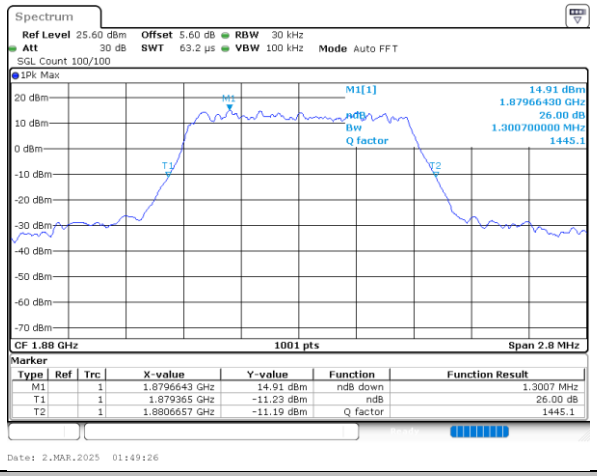
Mode	LTE Band 25 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.28	1.30
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.99	3.01
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.86	4.92
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.81	9.91
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.42	14.21
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.82	19.06

LTE Band 25

Middle Channel / 1.4MHz / QPSK

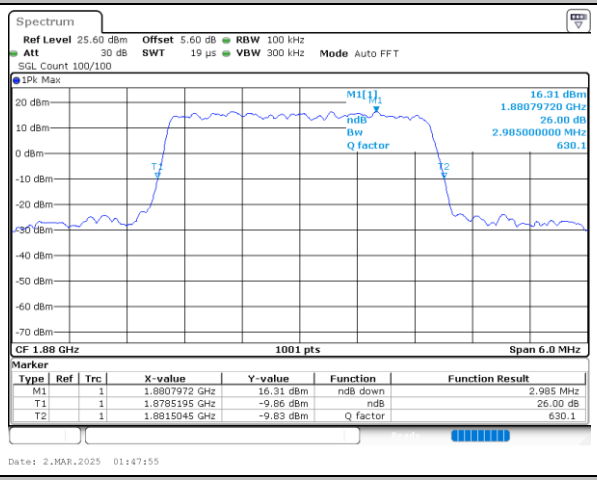


Middle Channel / 1.4MHz / 16QAM

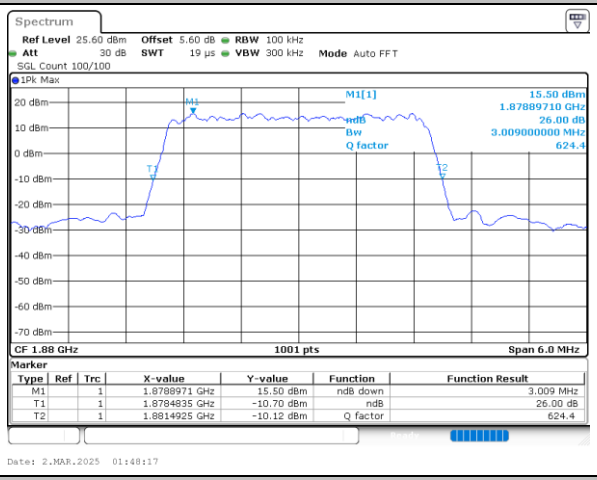


LTE Band 25

Middle Channel / 3MHz / QPSK

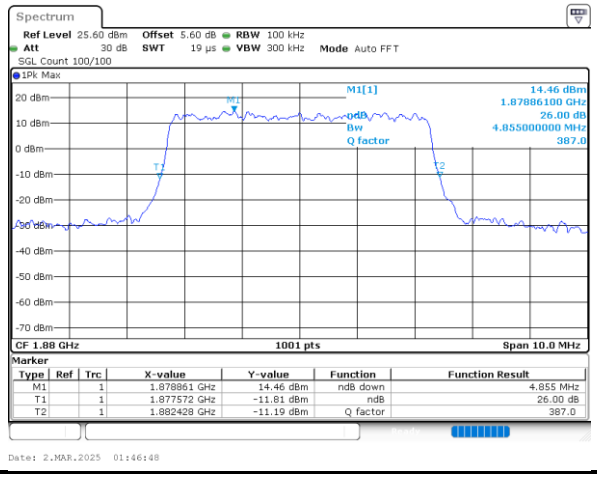


Middle Channel / 3MHz / 16QAM

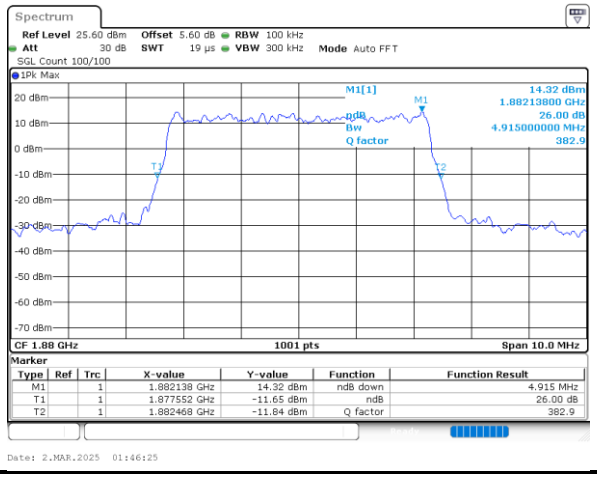


LTE Band 25

Middle Channel / 5MHz / QPSK

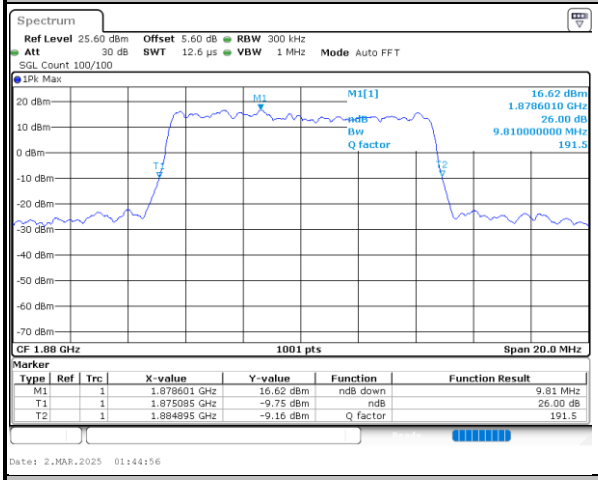


Middle Channel / 5MHz / 16QAM

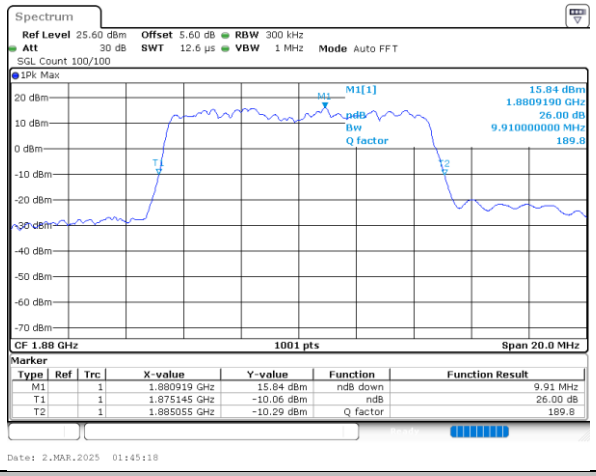


LTE Band 25

Middle Channel / 10MHz / QPSK

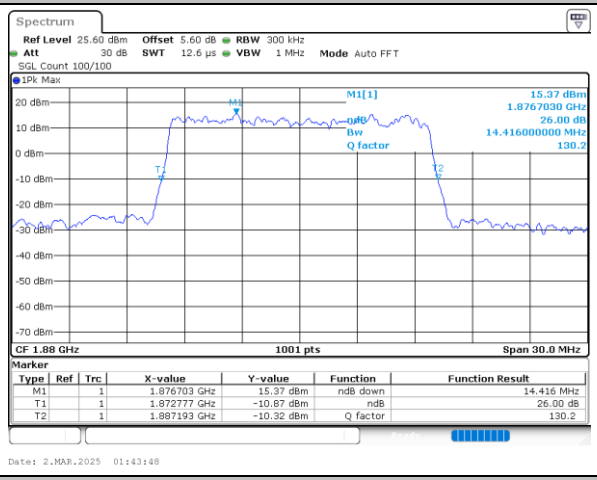


Middle Channel / 10MHz / 16QAM

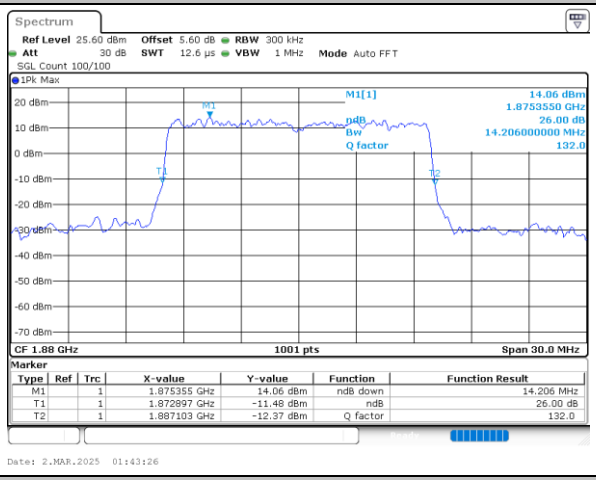


LTE Band 25

Middle Channel / 15MHz / QPSK

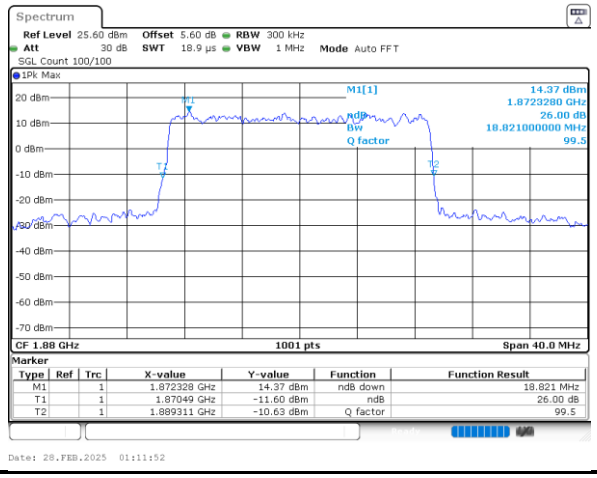


Middle Channel / 15MHz / 16QAM

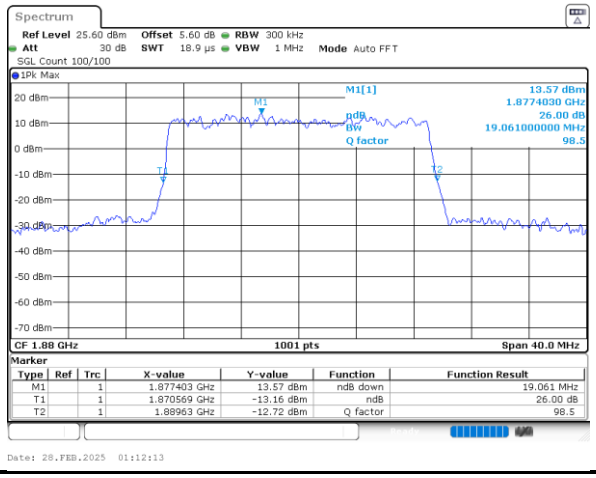


LTE Band 25

Middle Channel / 20MHz / QPSK

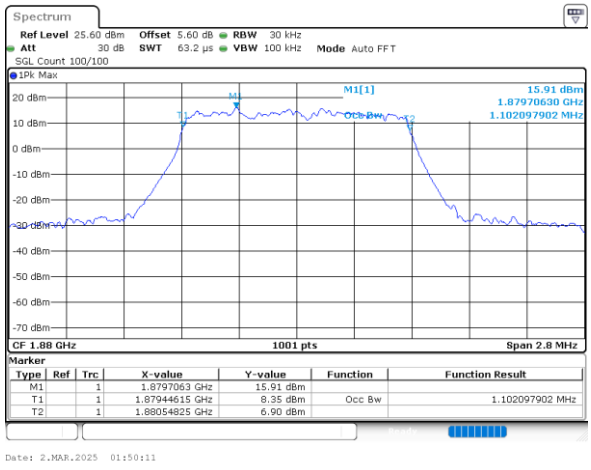
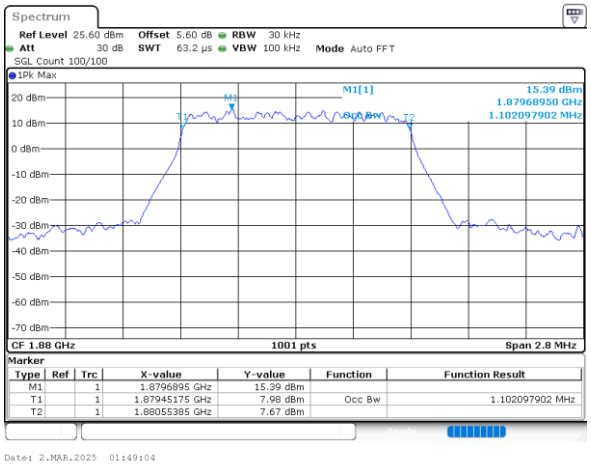


Middle Channel / 20MHz / 16QAM



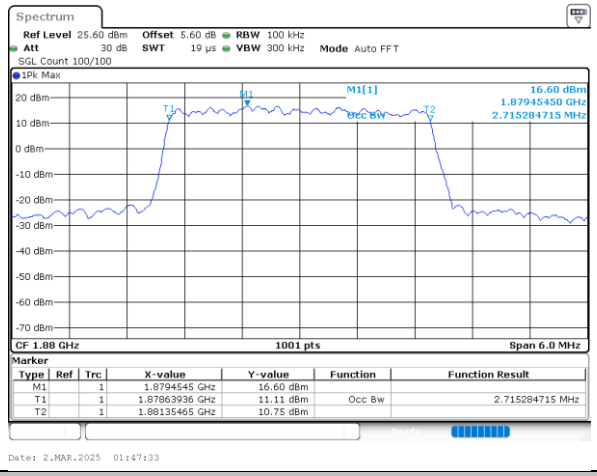
Occupied Bandwidth

Mode	LTE Band 25 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.10	1.10
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.72	2.72
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.50	4.48
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.05	8.99
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.43	13.43
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.94	17.86

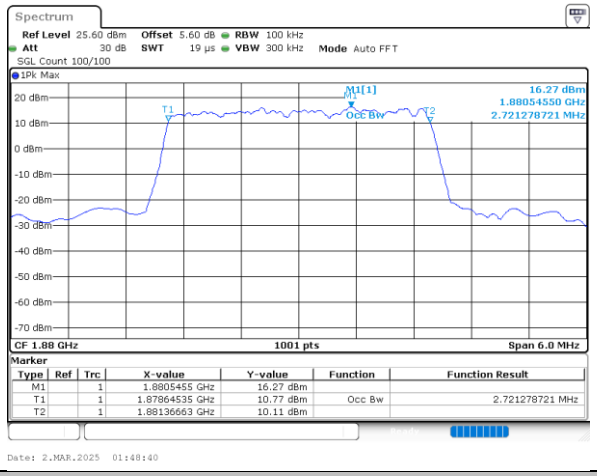
LTE Band 25	
Middle Channel / 1.4MHz / QPSK	Middle Channel / 1.4MHz / 16QAM
	

LTE Band 25

Middle Channel / 3MHz / QPSK

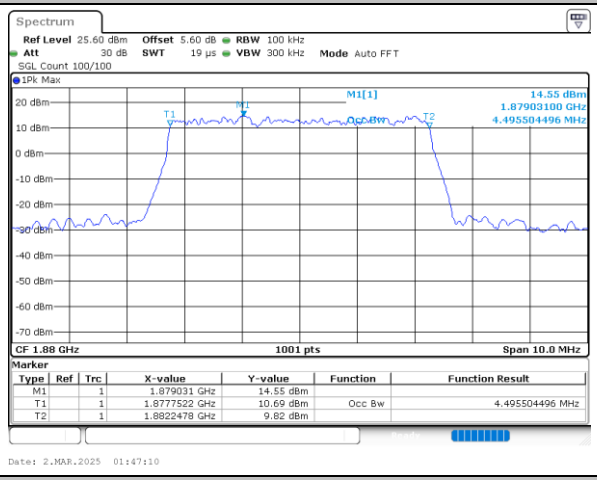


Middle Channel / 3MHz / 16QAM

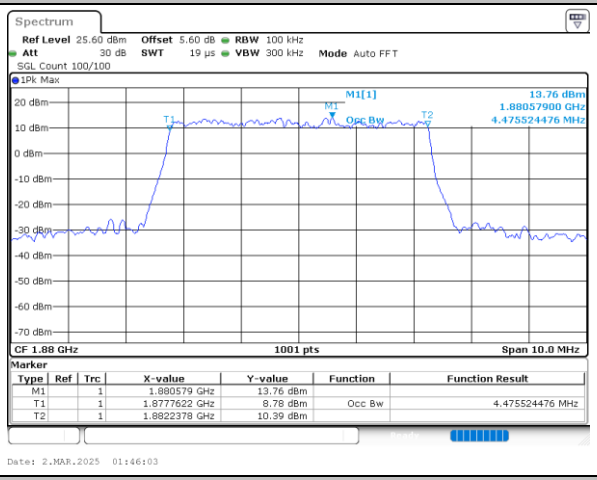


LTE Band 25

Middle Channel / 5MHz / QPSK

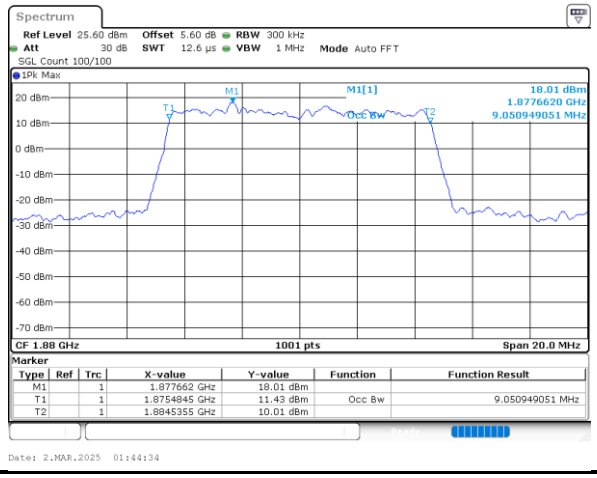


Middle Channel / 5MHz / 16QAM

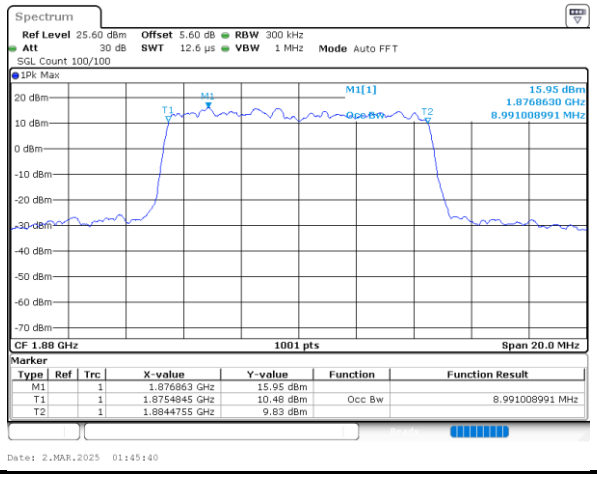


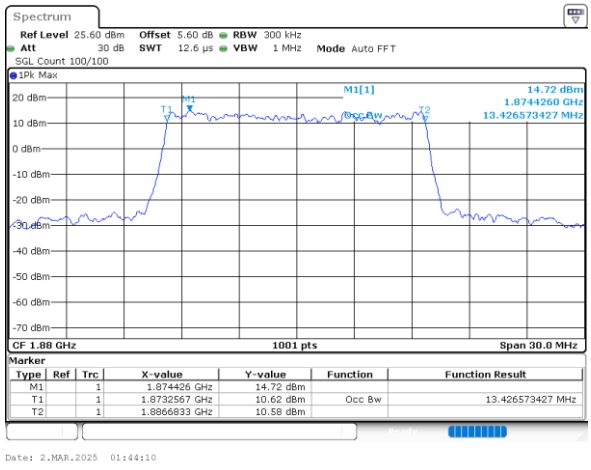
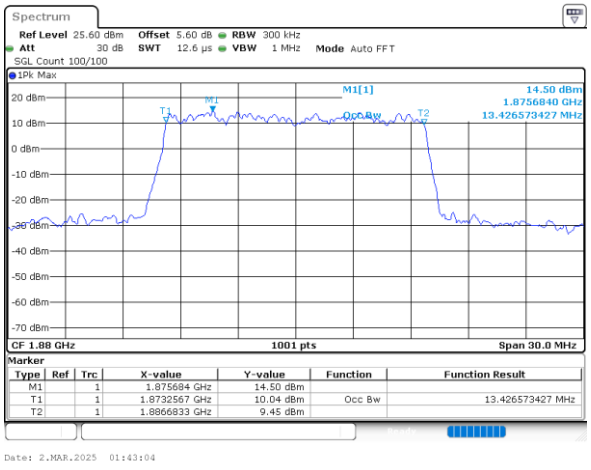
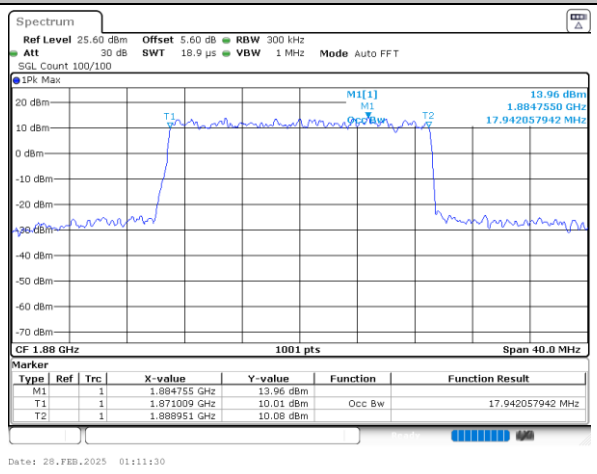
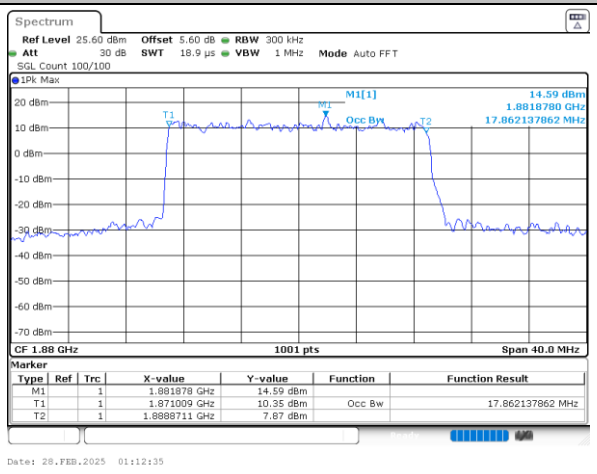
LTE Band 25

Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM

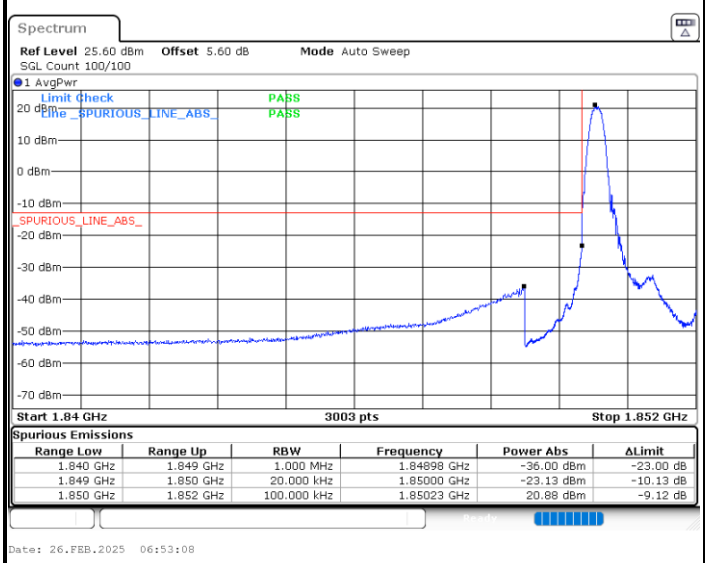


LTE Band 25	
Middle Channel / 15MHz / QPSK	**Middle Channel / 15MHz / 16QAM**
	
LTE Band 25	
Middle Channel / 20MHz / QPSK	**Middle Channel / 20MHz / 16QAM**
	

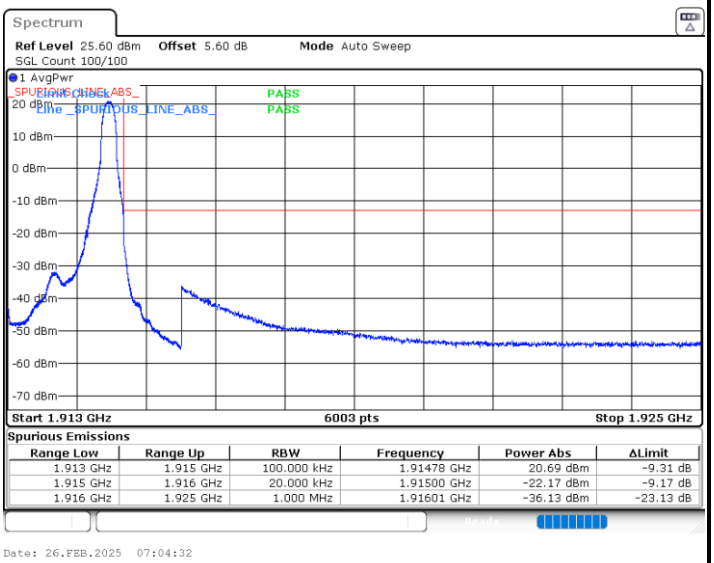
Conducted Band Edge

LTE Band 25 / 1.4MHz / QPSK

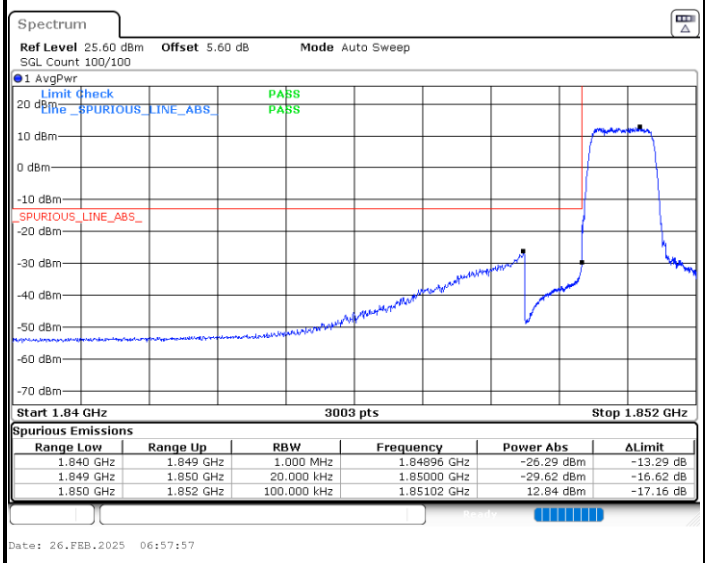
Lowest Band Edge / 1RB



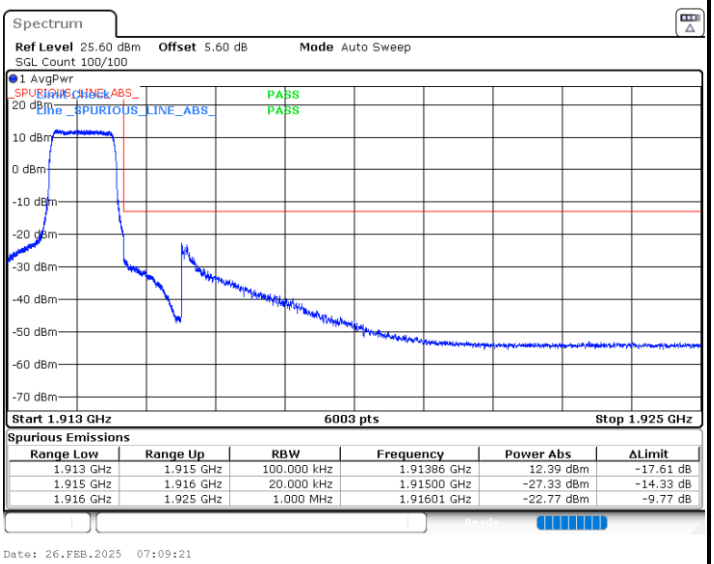
Highest Band Edge / 1RB



Lowest Band Edge / Full RB

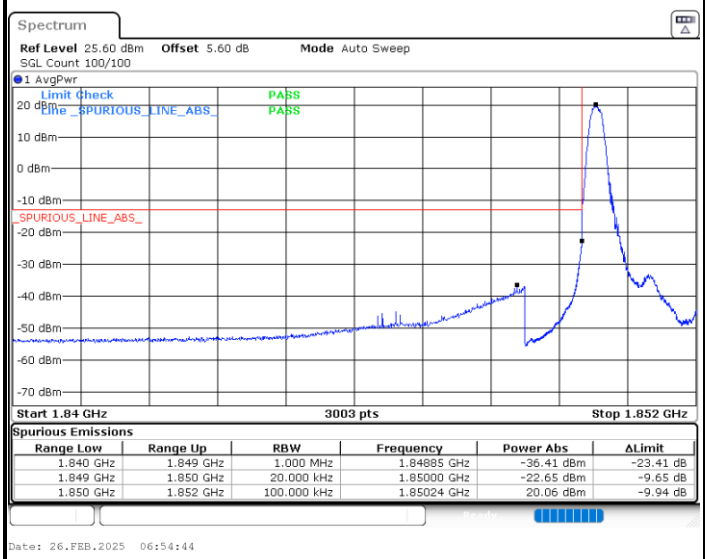


Highest Band Edge / Full RB

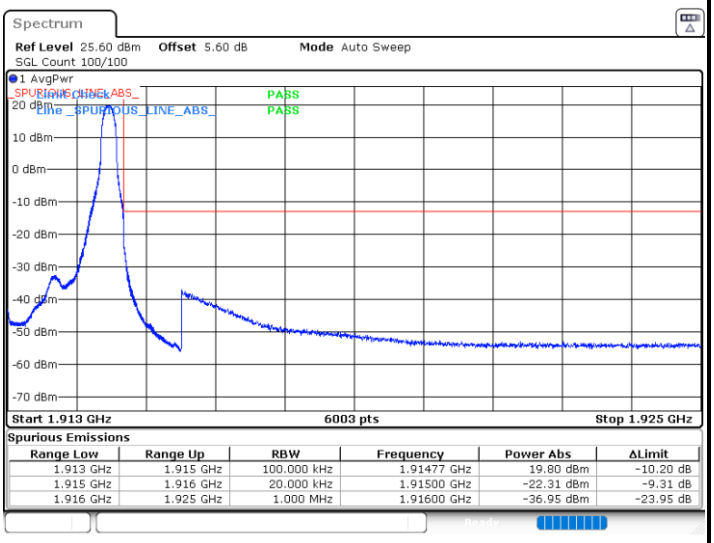


LTE Band 25 / 1.4MHz / 16QAM

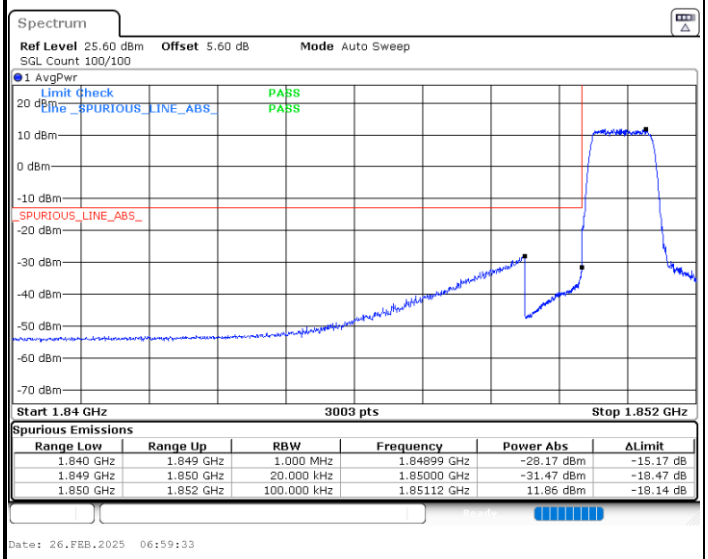
Lowest Band Edge / 1 RB



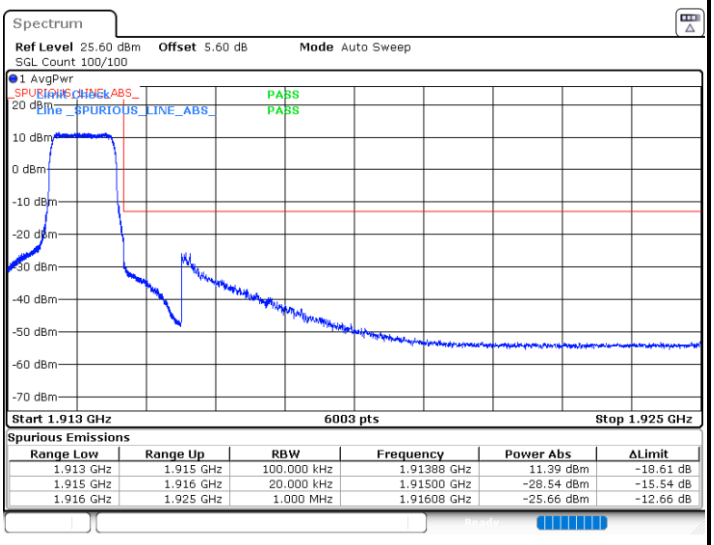
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

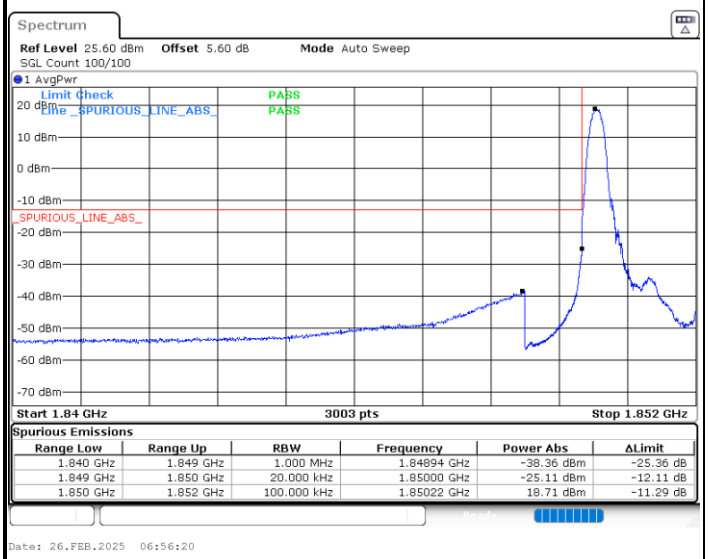


Highest Band Edge / Full RB

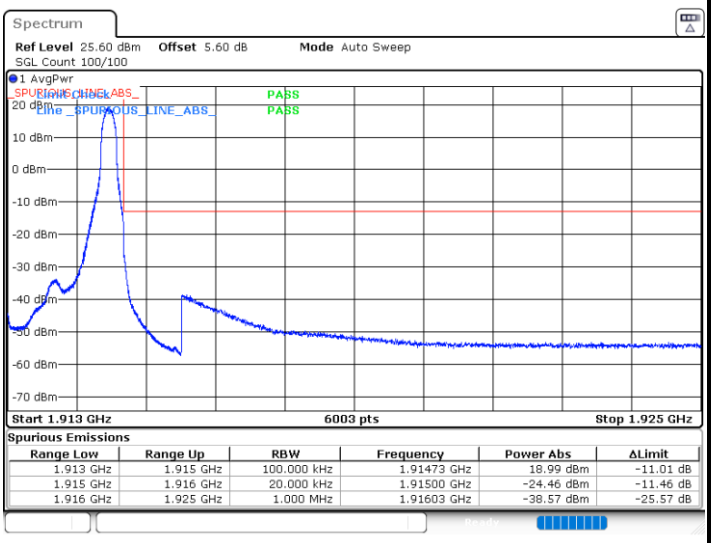


LTE Band 25 / 1.4MHz / 64QAM

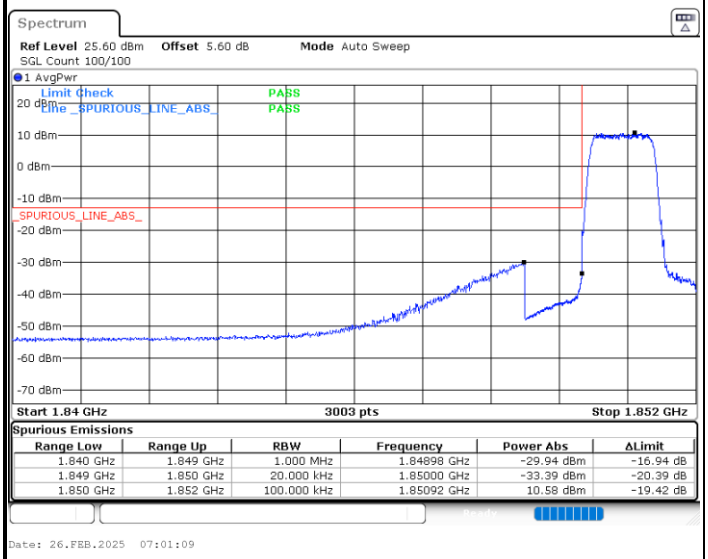
Lowest Band Edge / 1 RB



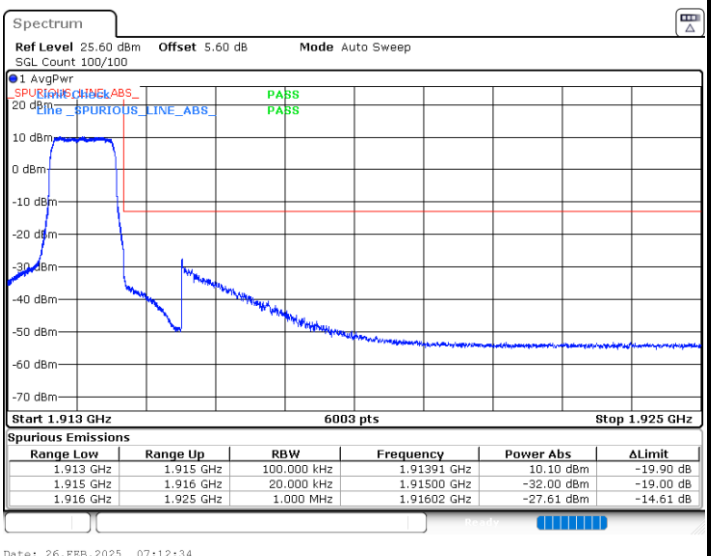
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

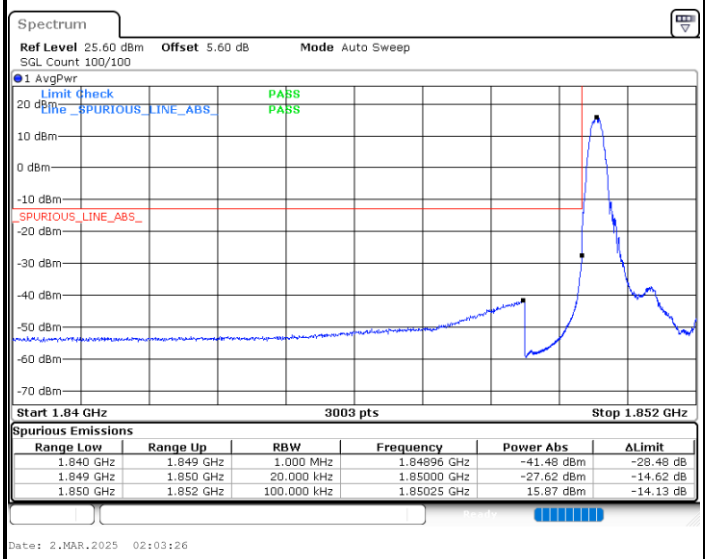


Highest Band Edge / Full RB

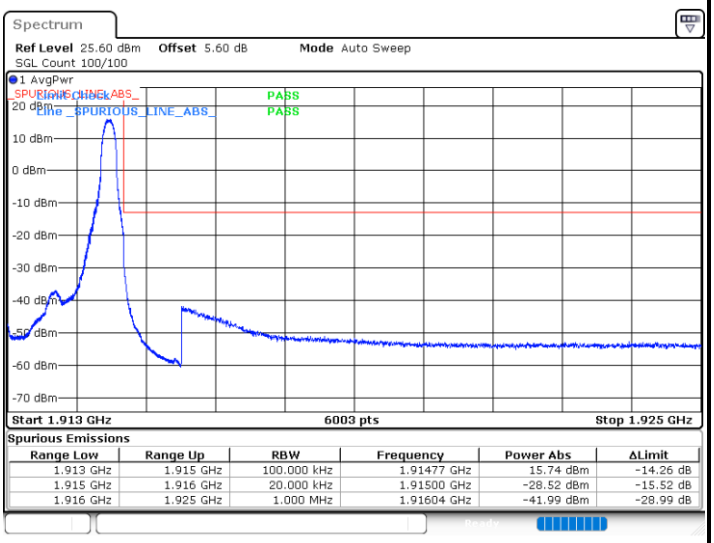


LTE Band 25 / 1.4MHz / 256QAM

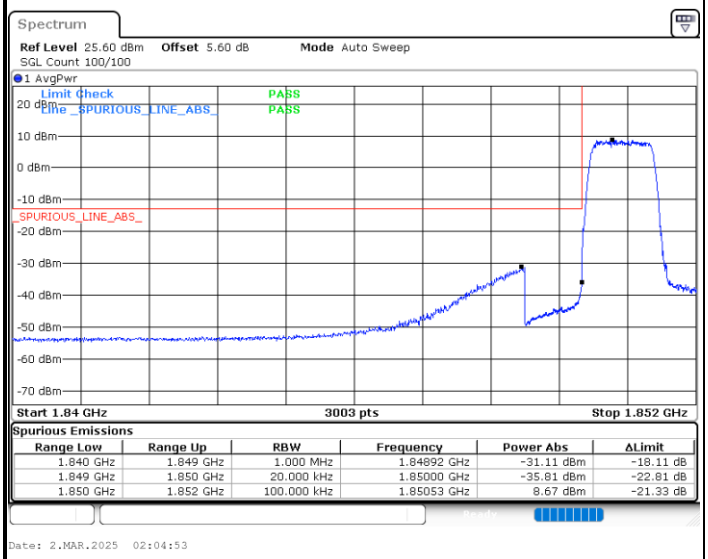
Lowest Band Edge / 1 RB



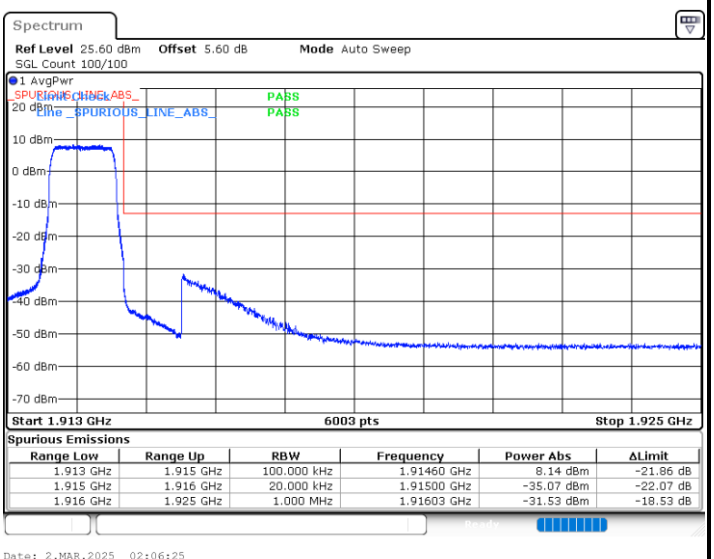
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

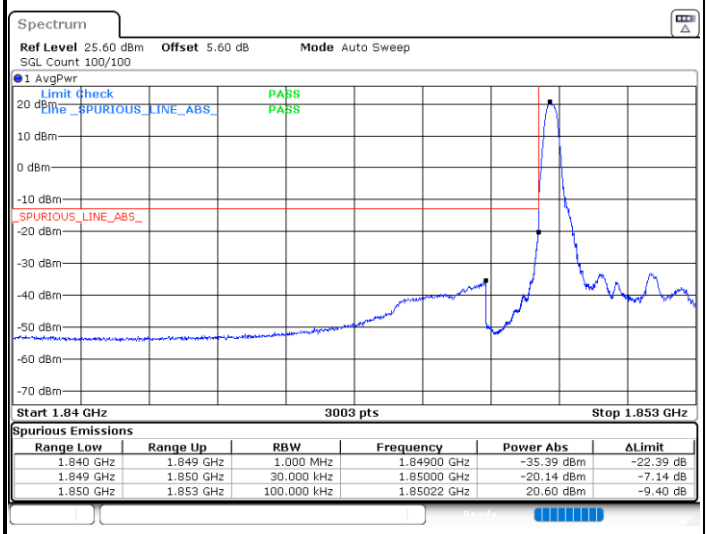


Highest Band Edge / Full RB



LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / 1RB

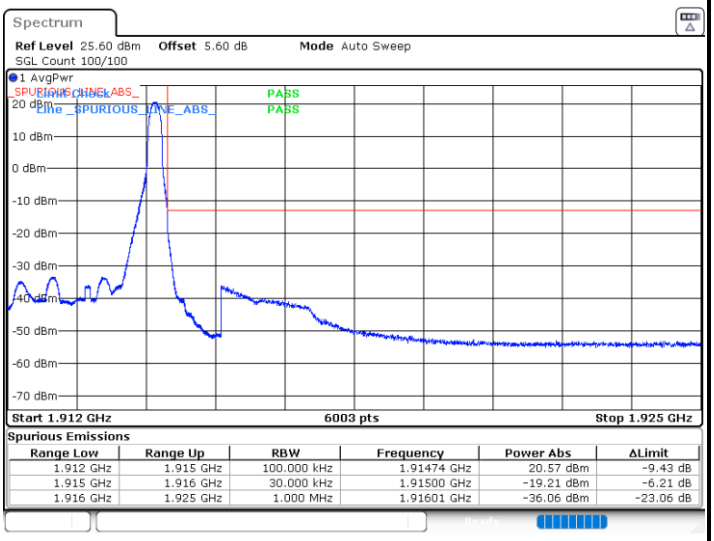


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-35.39 dBm	-22.39 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-20.14 dBm	-7.14 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85022 GHz	20.60 dBm	-9.40 dB

Date: 26.FEB.2025 07:19:03

Highest Band Edge / 1 RB

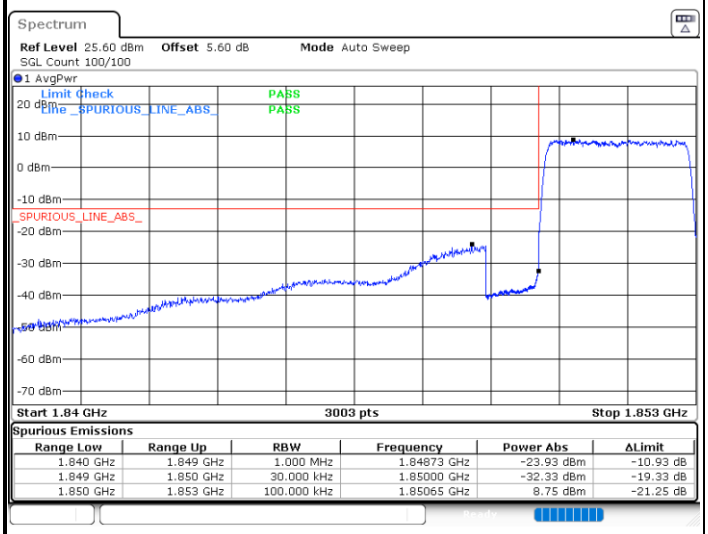


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.912 GHz	1.915 GHz	100.000 kHz	1.91474 GHz	20.57 dBm	-9.43 dB
1.915 GHz	1.916 GHz	30.000 kHz	1.91500 GHz	-19.21 dBm	-6.21 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91601 GHz	-36.06 dBm	-23.06 dB

Date: 26.FEB.2025 07:23:53

Lowest Band Edge / Full RB

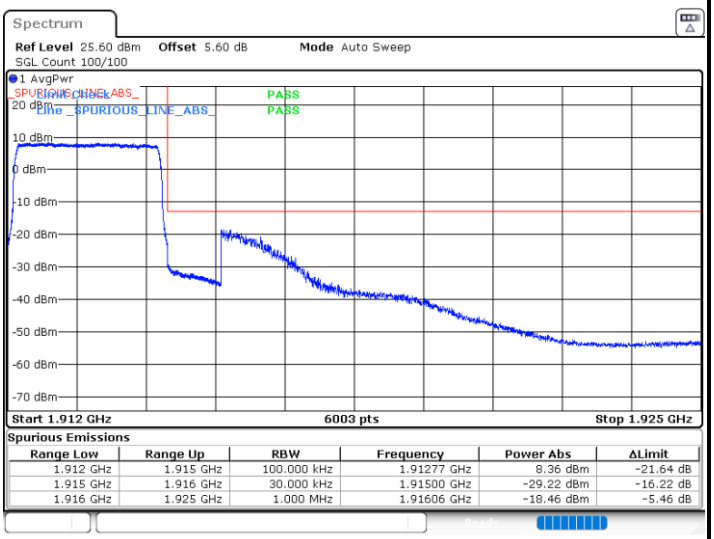


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84873 GHz	-23.93 dBm	-10.93 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-32.33 dBm	-19.33 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85065 GHz	8.75 dBm	-21.25 dB

Date: 26.FEB.2025 07:14:12

Highest Band Edge / Full RB



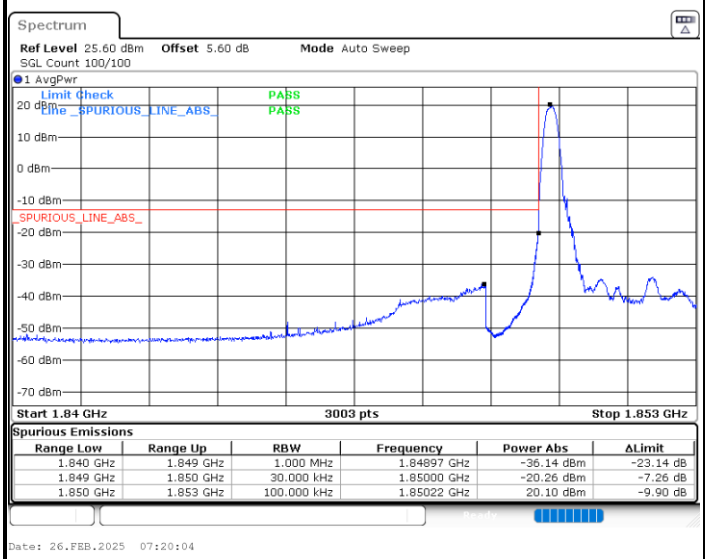
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.912 GHz	1.915 GHz	100.000 kHz	1.91277 GHz	8.36 dBm	-21.64 dB
1.915 GHz	1.916 GHz	30.000 kHz	1.91500 GHz	-29.22 dBm	-16.22 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91606 GHz	-18.46 dBm	-5.46 dB

Date: 26.FEB.2025 07:26:58

LTE Band 25 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

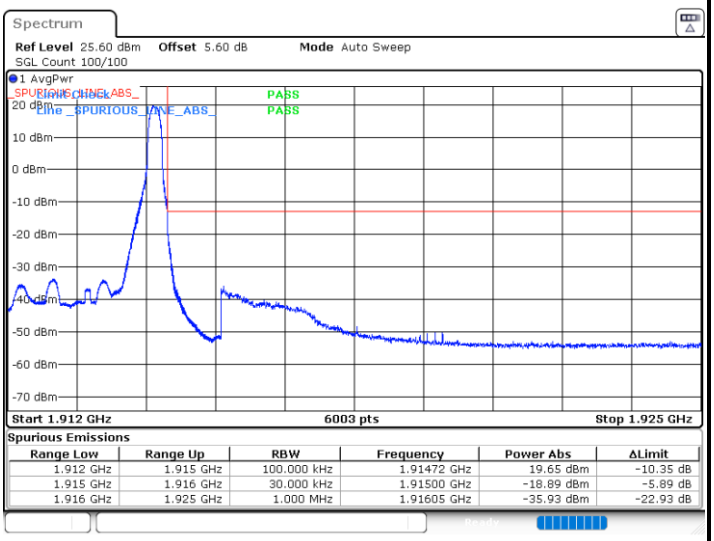


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84897 GHz	-36.14 dBm	-23.14 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-20.26 dBm	-7.26 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85022 GHz	20.10 dBm	-9.90 dB

Date: 26.FEB.2025 07:20:04

Highest Band Edge /1 RB

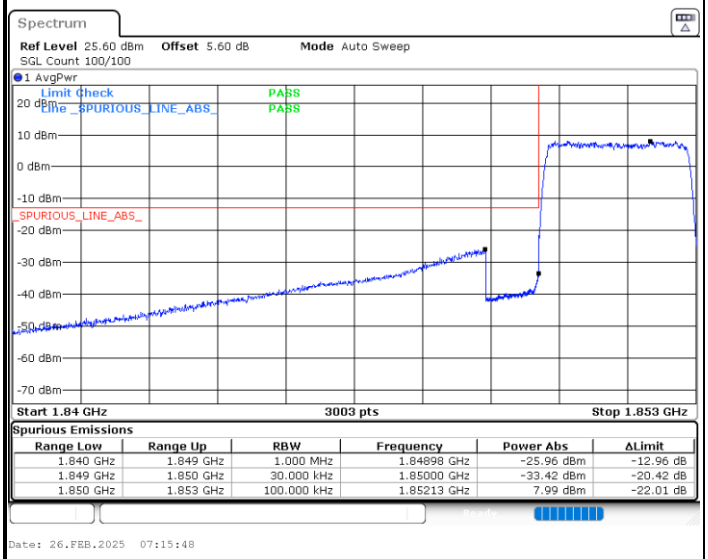


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.912 GHz	1.915 GHz	100.000 kHz	1.91472 GHz	19.65 dBm	-10.35 dB
1.915 GHz	1.916 GHz	30.000 kHz	1.91500 GHz	-18.89 dBm	-5.89 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91605 GHz	-35.93 dBm	-22.93 dB

Date: 26.FEB.2025 07:24:54

Lowest Band Edge / Full RB

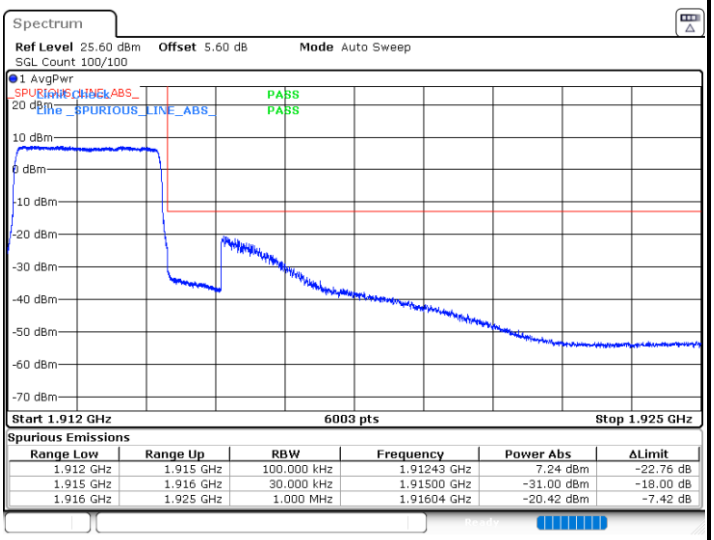


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84898 GHz	-25.96 dBm	-12.96 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-33.42 dBm	-20.42 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85213 GHz	7.99 dBm	-22.01 dB

Date: 26.FEB.2025 07:15:48

Highest Band Edge / Full RB



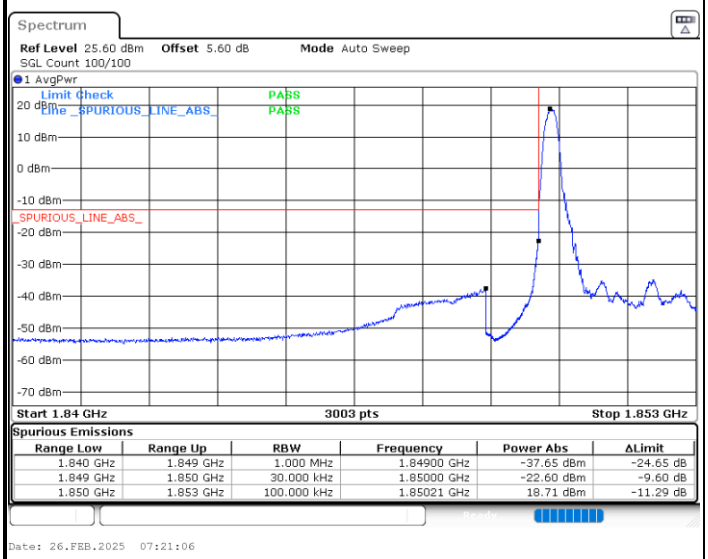
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.912 GHz	1.915 GHz	100.000 kHz	1.91243 GHz	7.24 dBm	-22.76 dB
1.915 GHz	1.916 GHz	30.000 kHz	1.91500 GHz	-31.00 dBm	-18.00 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91604 GHz	-20.42 dBm	-7.42 dB

Date: 26.FEB.2025 07:27:59

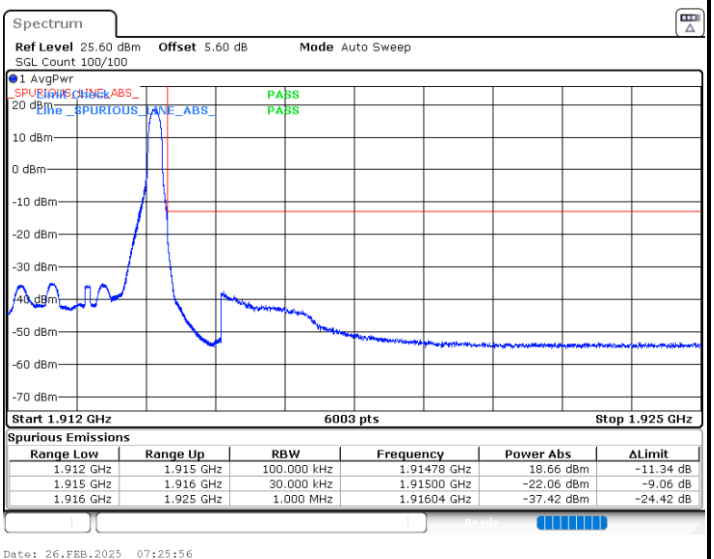
LTE Band 25 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



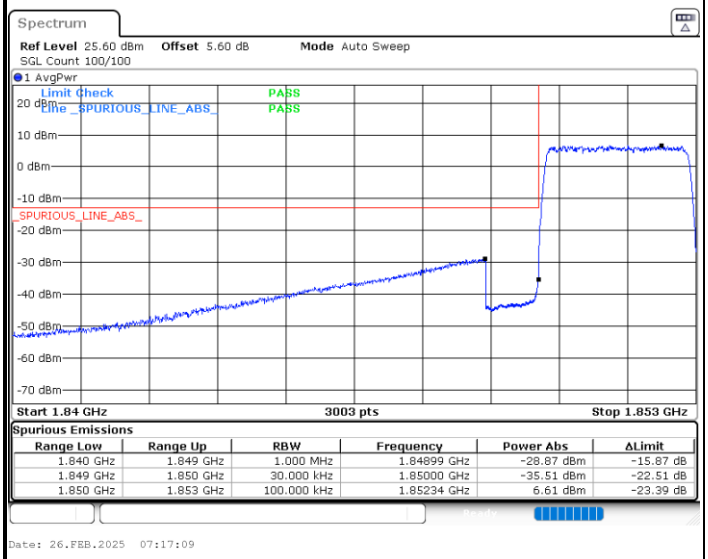
Date: 26.FEB.2025 07:21:06

Highest Band Edge /1 RB



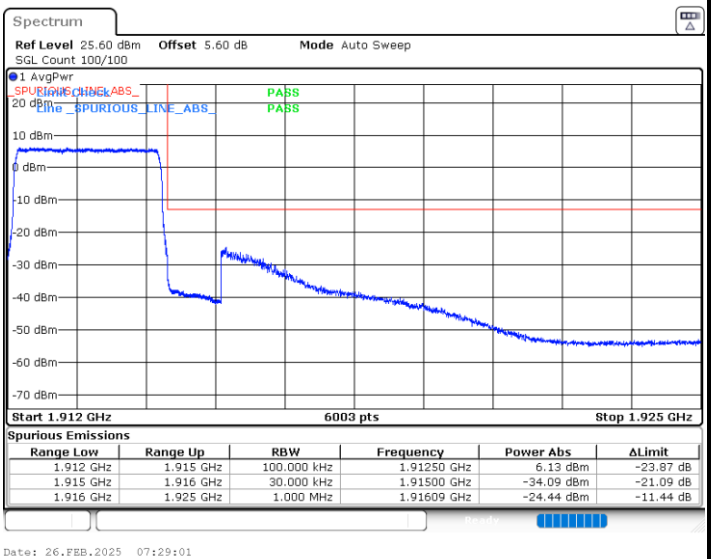
Date: 26.FEB.2025 07:25:56

Lowest Band Edge / Full RB



Date: 26.FEB.2025 07:17:09

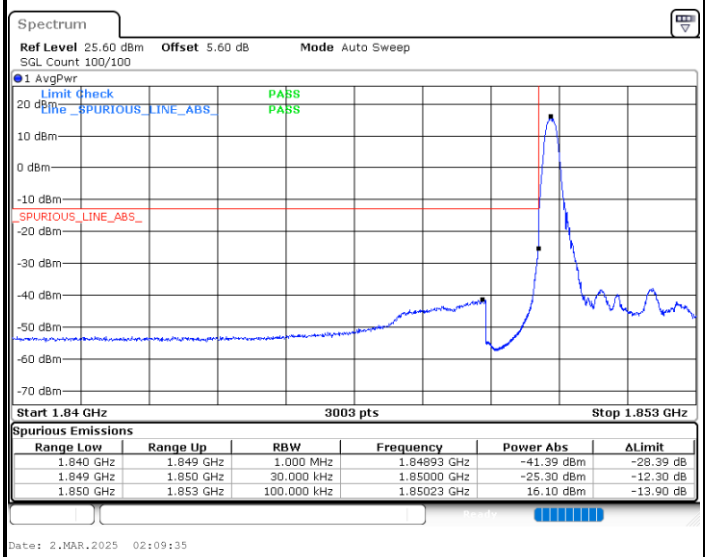
Highest Band Edge / Full RB



Date: 26.FEB.2025 07:29:01

LTE Band 25 / 3MHz / 256QAM

Lowest Band Edge / 1 RB

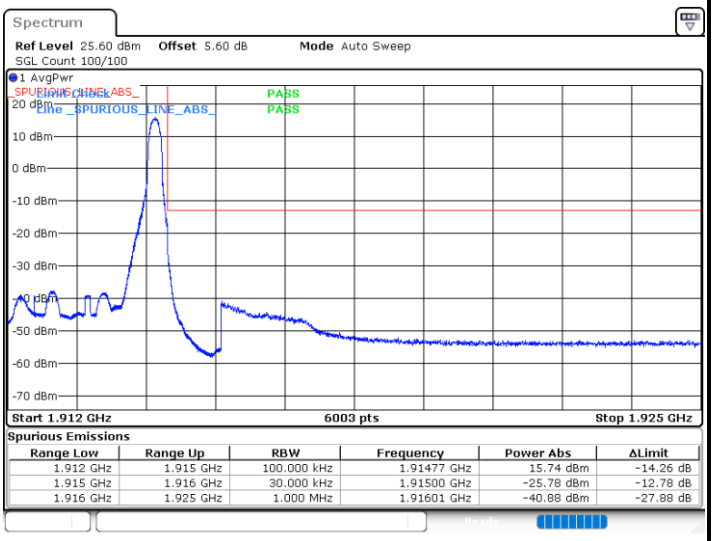


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84893 GHz	-41.39 dBm	-28.39 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-25.30 dBm	-12.30 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85023 GHz	16.10 dBm	-13.90 dB

Date: 2.MAR.2025 02:09:35

Highest Band Edge /1 RB

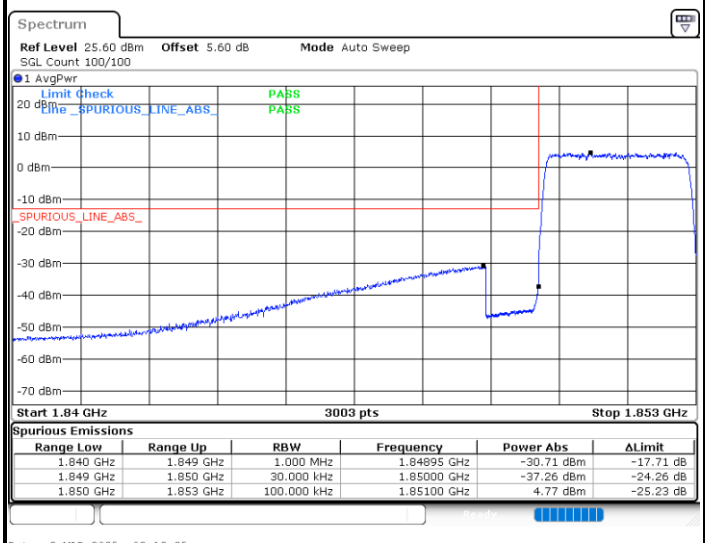


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.912 GHz	1.915 GHz	100.000 kHz	1.91477 GHz	15.74 dBm	-14.26 dB
1.915 GHz	1.916 GHz	30.000 kHz	1.91500 GHz	-25.78 dBm	-12.78 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91601 GHz	-40.88 dBm	-27.88 dB

Date: 2.MAR.2025 02:15:57

Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84895 GHz	-30.71 dBm	-17.71 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-37.26 dBm	-24.26 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85100 GHz	4.77 dBm	-25.23 dB

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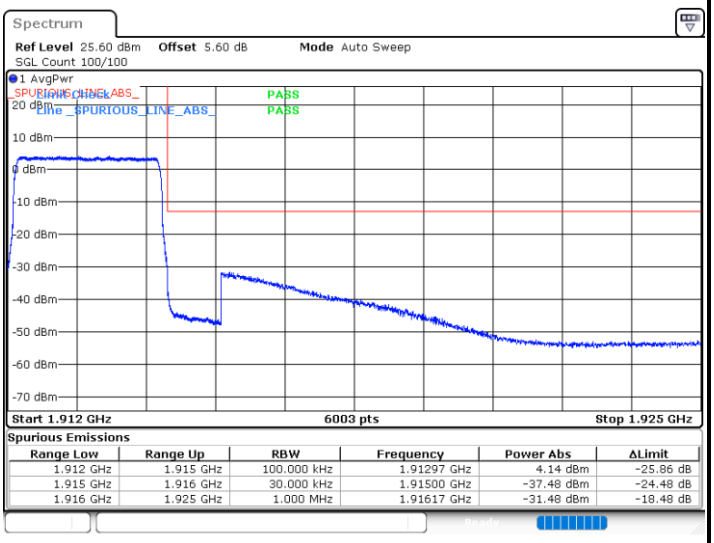
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.912 GHz	1.915 GHz	100.000 kHz	1.91297 GHz	4.14 dBm	-25.86 dB
1.915 GHz	1.916 GHz	30.000 kHz	1.91500 GHz	-37.48 dBm	-24.48 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91617 GHz	-31.48 dBm	-18.48 dB

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