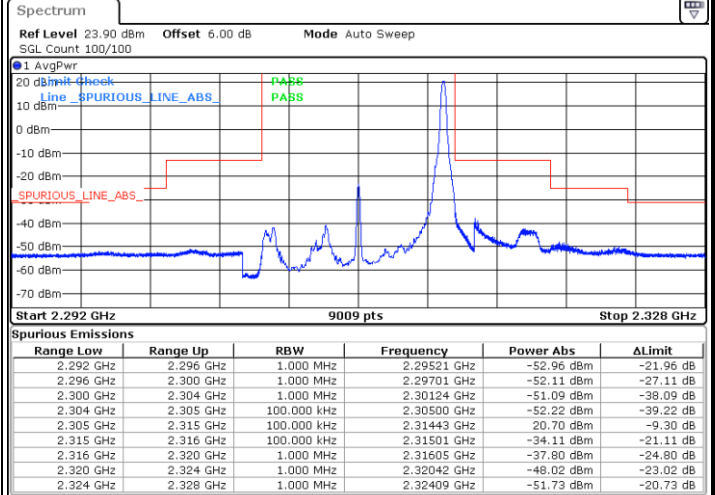
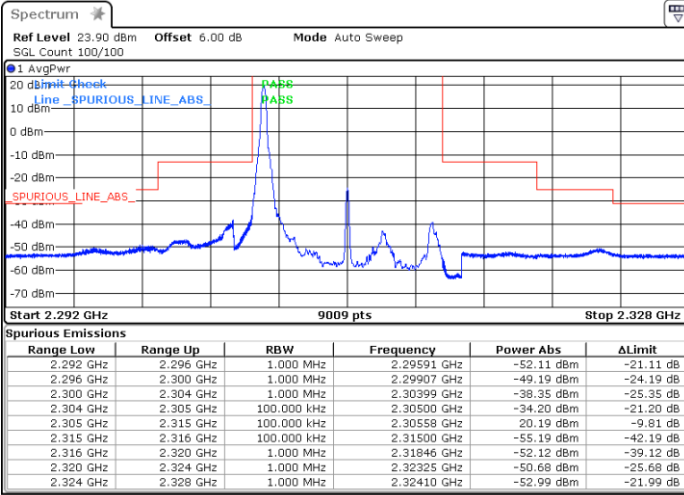




LTE Band 30 / 10MHz / QPSK

Lowest Band Edge / 1RB

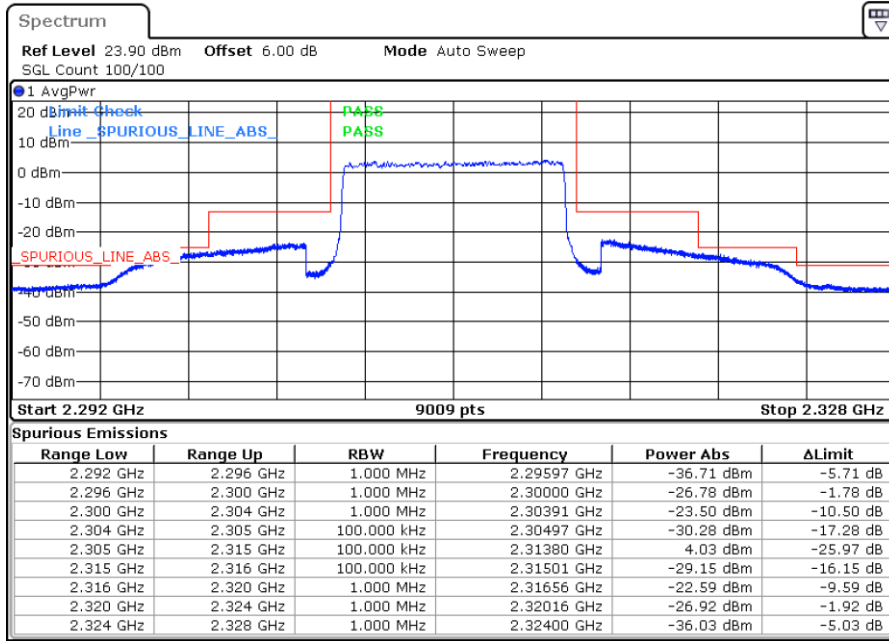
Highest Band Edge / 1 RBMAX



Date: 7, JAN, 2023 03:12:21

Date: 7, JAN, 2023 03:06:29

Full RB



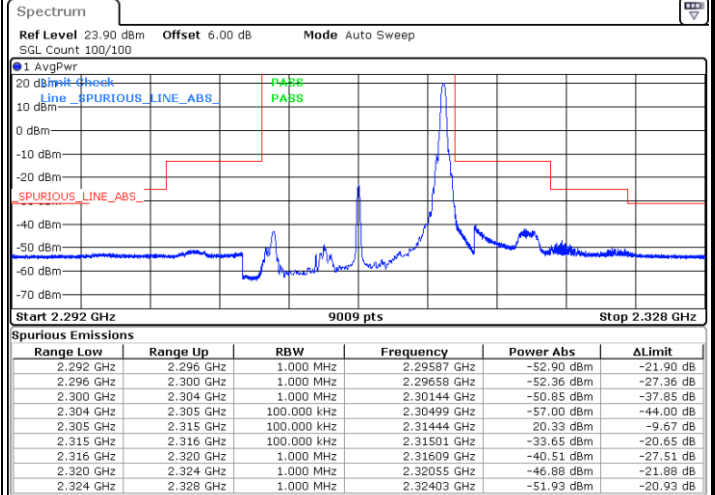
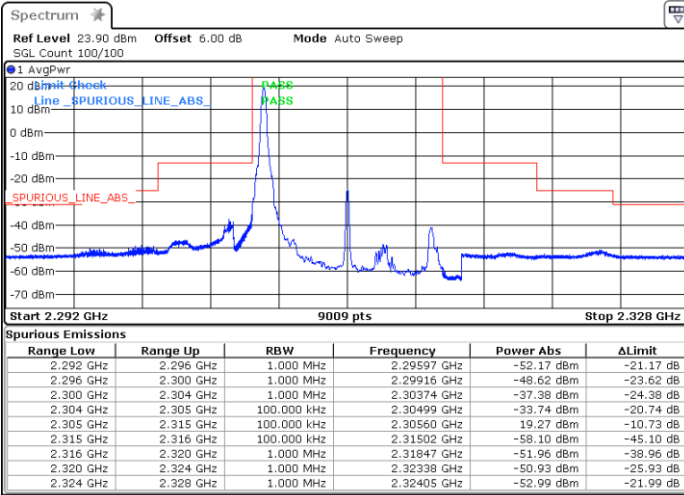
Date: 7, JAN, 2023 03:05:42



LTE Band 30 / 10MHz / 16QAM

Lowest Band Edge / 1RB

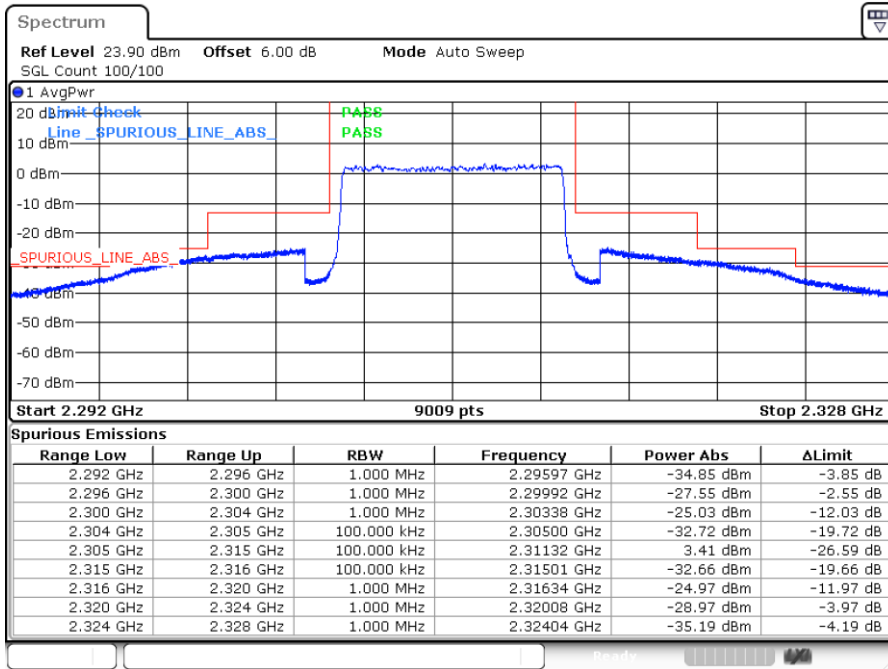
Highest Band Edge / 1 RBMAX



Date: 7.JAN.2023 03:11:17

Date: 7.JAN.2023 03:06:53

Full RB



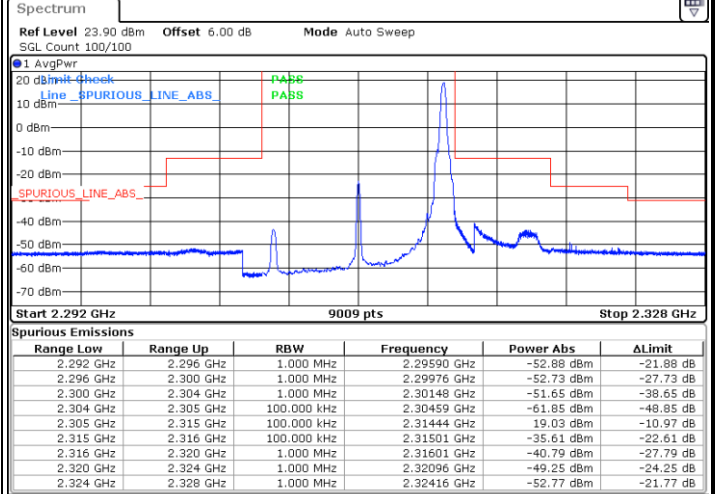
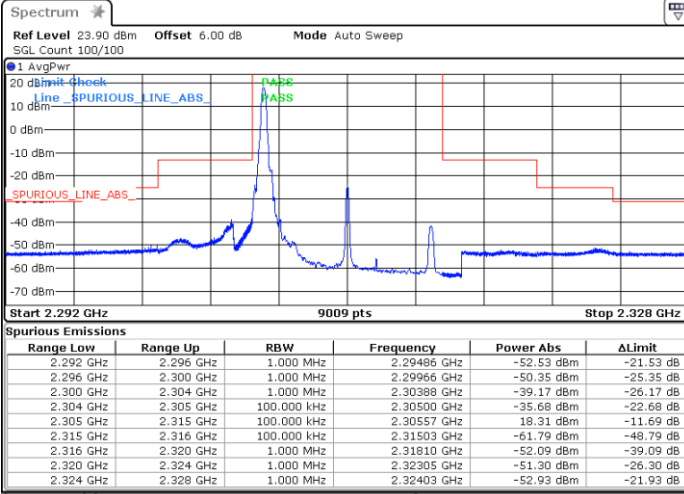
Date: 7.JAN.2023 03:05:21



LTE Band 30 / 10MHz / 64QAM

Lowest Band Edge / 1RB

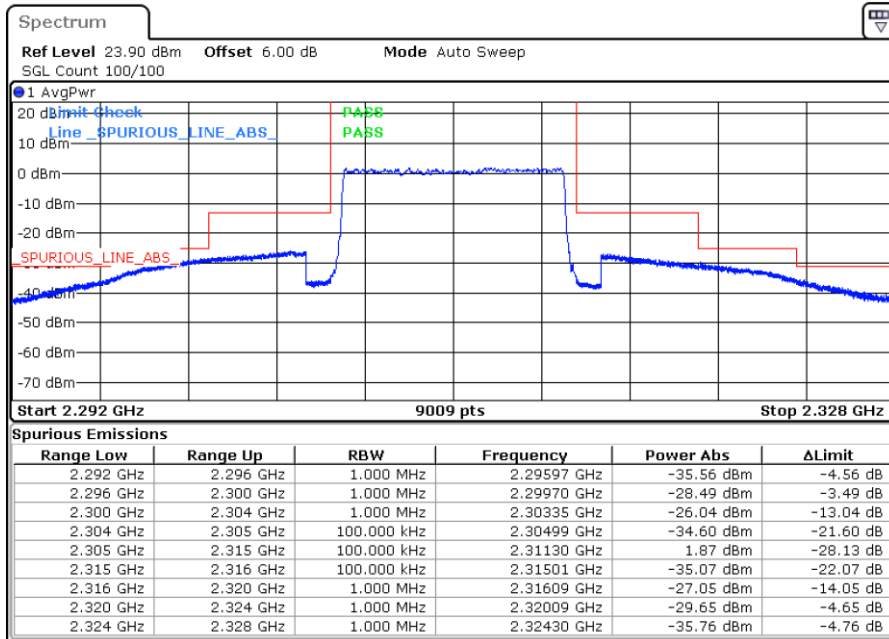
Highest Band Edge / 1 RBMAX



Date: 7 JAN, 2023 03:10:08

Date: 7 JAN, 2023 03:07:35

Band Edge / Full RB



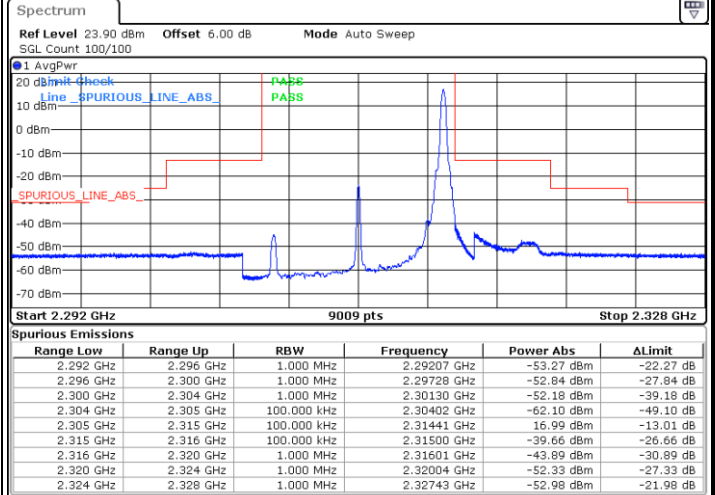
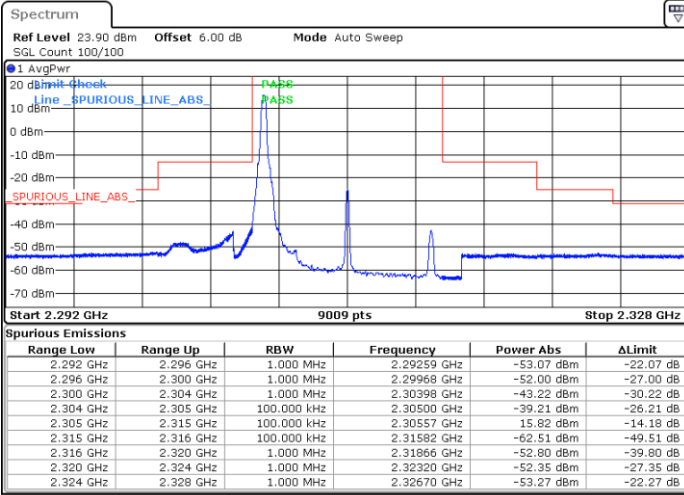
Date: 7 JAN, 2023 03:05:00



LTE Band 30 / 10MHz / 256QAM

Lowest Band Edge / 1RB

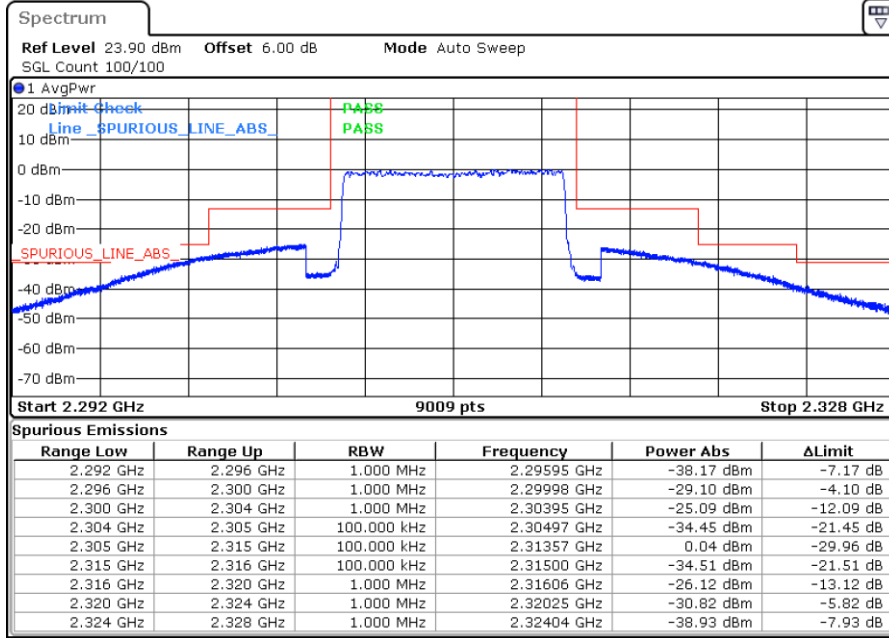
Highest Band Edge / 1 RBMAX



Date: 7. JAN. 2023 03:08:22

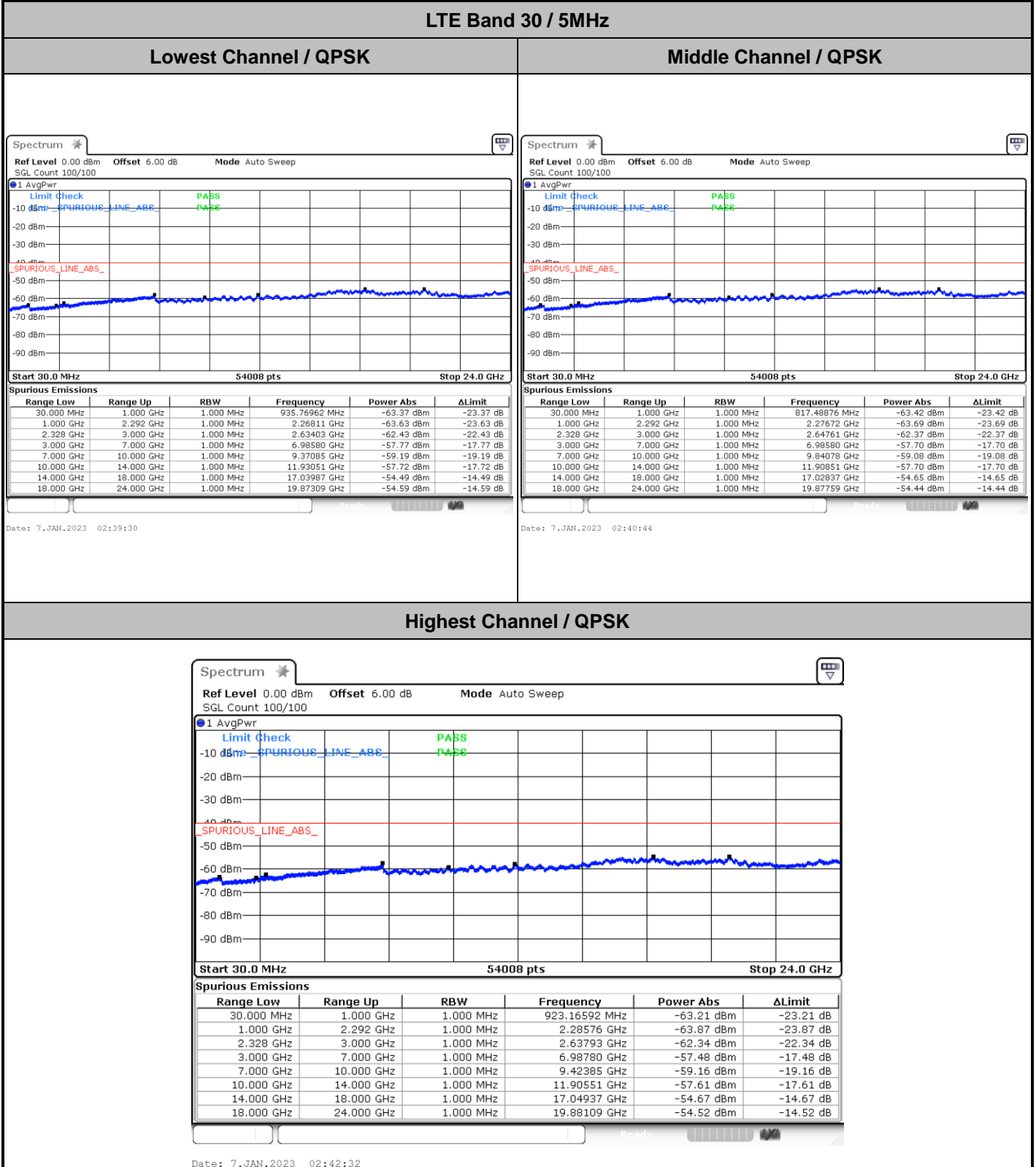
Date: 7. JAN. 2023 03:07:15

Band Edge / Full RB



Date: 7. JAN. 2023 03:04:29

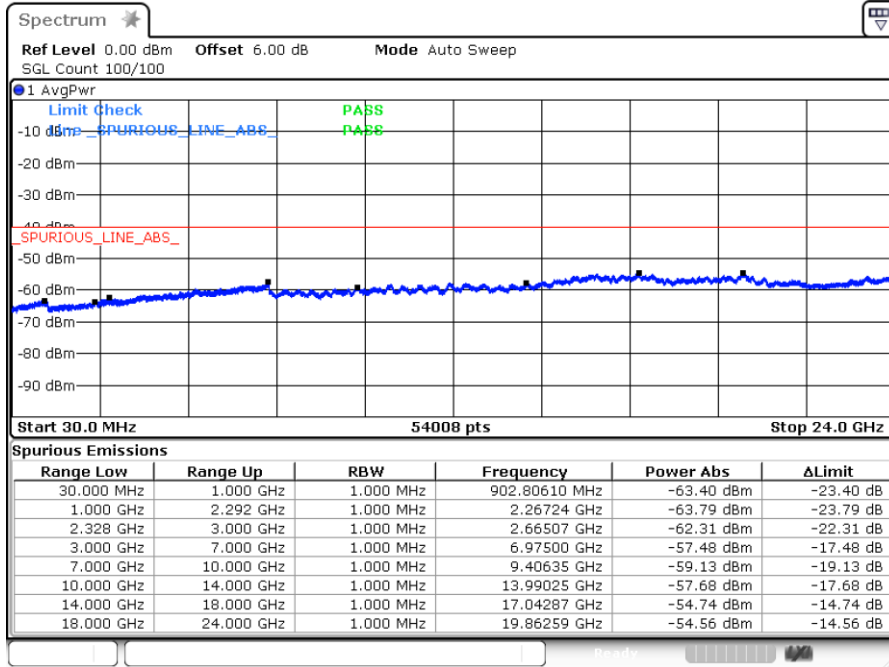
Conducted Spurious Emission





LTE Band 30 / 10MHz

Middle Channel / QPSK



Date: 7 JAN 2023 02:43:50

Frequency Stability

Test Conditions		LTE Band 30 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0009	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0026	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.51V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carry Xu	Temperature :	22~25°C
		Relative Humidity :	41~42%

LTE Band 30 / 5MHz / QPSK / RB Size 1 Offset 0 for Ant.1								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4615	-58.47	-40	-18.47	-69.93	2.84	14.30	H
	6925	-58.85	-40	-18.85	-68.79	3.49	13.43	H
	9234	-63.99	-40	-23.99	-74.23	3.85	14.09	H
	11538	-58.56	-40	-18.56	-68.39	4.54	14.37	H
	4615	-60.68	-40	-20.68	-72.14	2.84	14.30	V
	6925	-60.45	-40	-20.45	-70.39	3.49	13.43	V
	9234	-63.59	-40	-23.59	-73.83	3.85	14.09	V
	11538	-59.34	-40	-19.34	-69.17	4.54	14.37	V
Middle	4610	-54.17	-40	-14.17	-65.63	2.84	14.30	H
	6915	-58.88	-40	-18.88	-68.82	3.49	13.43	H
	9225	-63.45	-40	-23.45	-73.69	3.85	14.09	H
	11529	-58.87	-40	-18.87	-68.70	4.54	14.37	H
	4610	-51.65	-40	-11.65	-63.11	2.84	14.30	V
	6915	-59.79	-40	-19.79	-69.73	3.49	13.43	V
	9225	-63.56	-40	-23.56	-73.80	3.85	14.09	V
	11529	-59.06	-40	-19.06	-68.89	4.54	14.37	V
Highest	4620	-55.33	-40	-15.33	-66.79	2.84	14.30	H
	6930	-59.05	-40	-19.05	-68.99	3.49	13.43	H
	9243	-64.03	-40	-24.03	-74.27	3.85	14.09	H
	11547	-59.68	-40	-19.68	-69.51	4.54	14.37	H
	4620	-52.39	-40	-12.39	-63.85	2.84	14.30	V
	6930	-60.39	-40	-20.39	-70.33	3.49	13.43	V
	9243	-64.18	-40	-24.18	-74.42	3.85	14.09	V
	11547	-59.58	-40	-19.58	-69.41	4.54	14.37	V

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



LTE Band 30 / 10MHz / QPSK / RB Size 1 Offset 0 for Ant .1								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	4610	-53.41	-40	-13.41	-64.87	2.84	14.30	H
	6915	-59.25	-40	-19.25	-69.19	3.49	13.43	H
	9225	-63.90	-40	-23.90	-74.14	3.85	14.09	H
	11529	-58.67	-40	-18.67	-68.50	4.54	14.37	H
	4610	-51.37	-40	-11.37	-62.83	2.84	14.30	V
	6915	-60.48	-40	-20.48	-70.42	3.49	13.43	V
	9225	-63.32	-40	-23.32	-73.56	3.85	14.09	V
	11529	-58.52	-40	-18.52	-68.35	4.54	14.37	V

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



LTE Band 30 / 5MHz / QPSK / RB Size 1 Offset 0 for Ant.4								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4608	-64.38	-40	-24.38	-75.84	2.84	14.30	H
	6916	-63.00	-40	-23.00	-72.94	3.49	13.43	H
	9220	-62.72	-40	-22.72	-72.96	3.85	14.09	H
	4608	-63.77	-40	-23.77	-75.23	2.84	14.30	V
	6916	-64.54	-40	-24.54	-74.48	3.49	13.43	V
	9220	-63.25	-40	-23.25	-73.49	3.85	14.09	V
Middle	4616	-63.40	-40	-23.40	-74.86	2.84	14.30	H
	6924	-63.77	-40	-23.77	-73.71	3.49	13.43	H
	9230	-63.16	-40	-23.16	-73.40	3.85	14.09	H
	4616	-62.67	-40	-22.67	-74.13	2.84	14.30	V
	6924	-64.49	-40	-24.49	-74.43	3.49	13.43	V
	9230	-63.70	-40	-23.70	-73.94	3.85	14.09	V
Highest	4620	-62.65	-40	-22.65	-74.11	2.84	14.30	H
	6932	-63.81	-40	-23.81	-73.75	3.49	13.43	H
	9240	-62.91	-40	-22.91	-73.15	3.85	14.09	H
	4620	-62.55	-40	-22.55	-74.01	2.84	14.30	V
	6932	-63.69	-40	-23.69	-73.63	3.49	13.43	V
	9240	-63.44	-40	-23.44	-73.68	3.85	14.09	V



LTE Band 30 / 10MHz / QPSK / RB Size 1 Offset 0 for Ant .4								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	4612	-47.91	-40	-7.91	-59.37	2.84	14.30	H
	6916	-55.24	-40	-15.24	-65.18	3.49	13.43	H
	9220	-63.22	-40	-23.22	-73.46	3.85	14.09	H
	11530	-58.09	-40	-18.09	-67.92	4.54	14.37	H
	4612	-54.74	-40	-14.74	-66.20	2.84	14.30	V
	6916	-58.35	-40	-18.35	-68.29	3.49	13.43	V
	9220	-62.82	-40	-22.82	-73.06	3.85	14.09	V
	11530	-59.28	-40	-19.28	-69.11	4.54	14.37	V