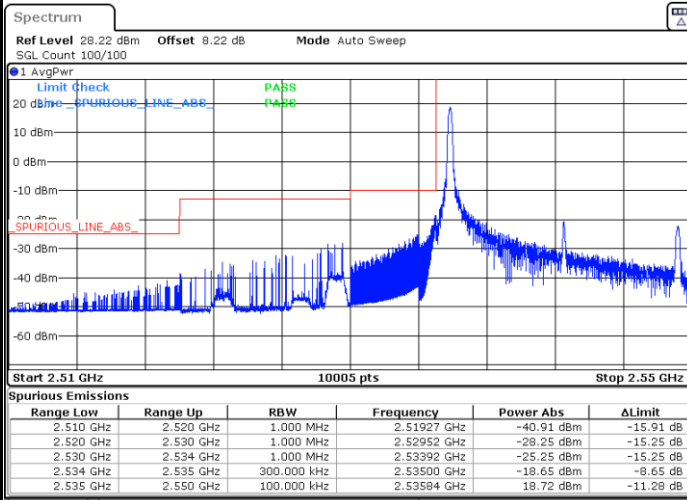


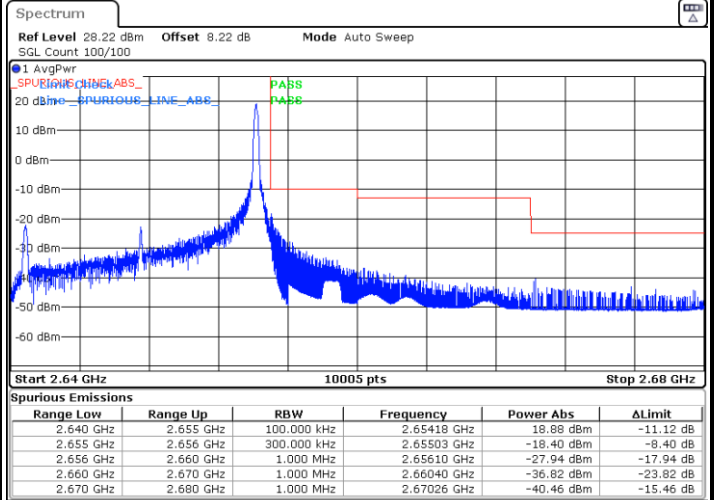


LTE Band 41 / 15MHz / 16QAM

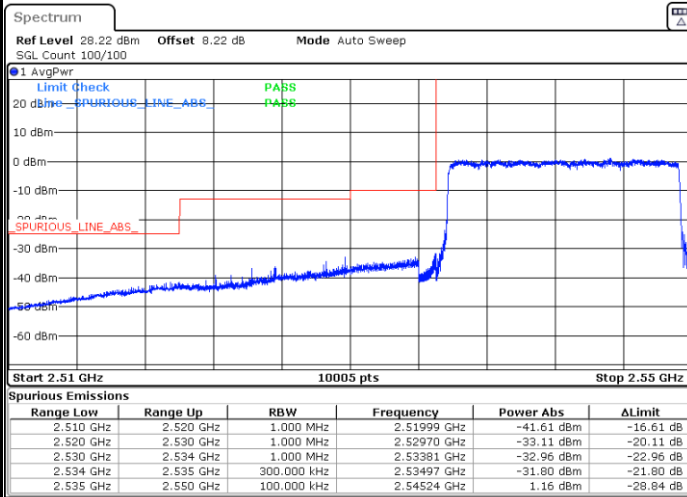
Lowest Band Edge / 1 RB



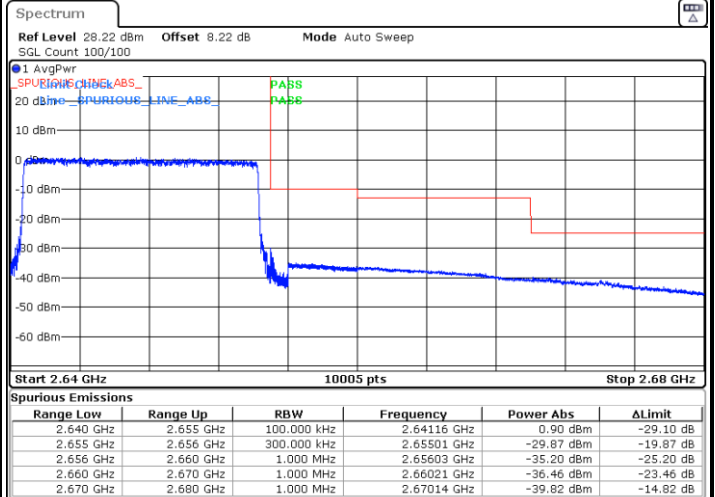
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



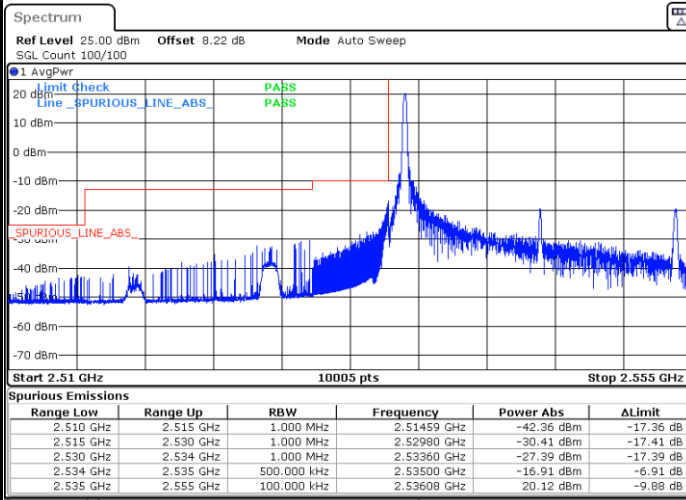
Highest Band Edge / Full RB



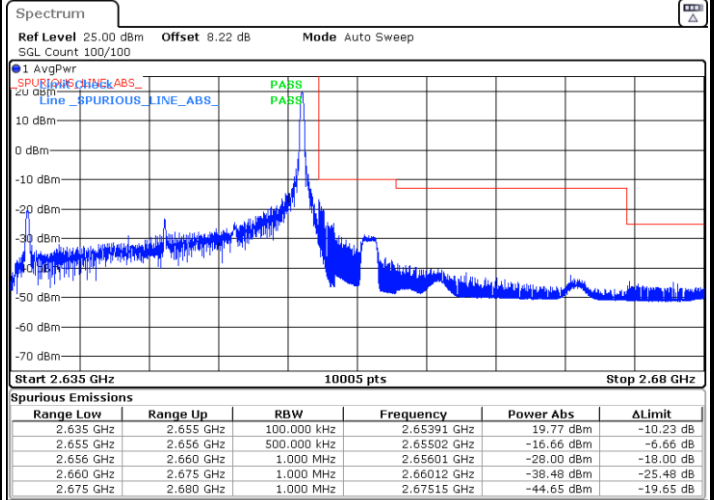


LTE Band 41 / 20MHz / QPSK

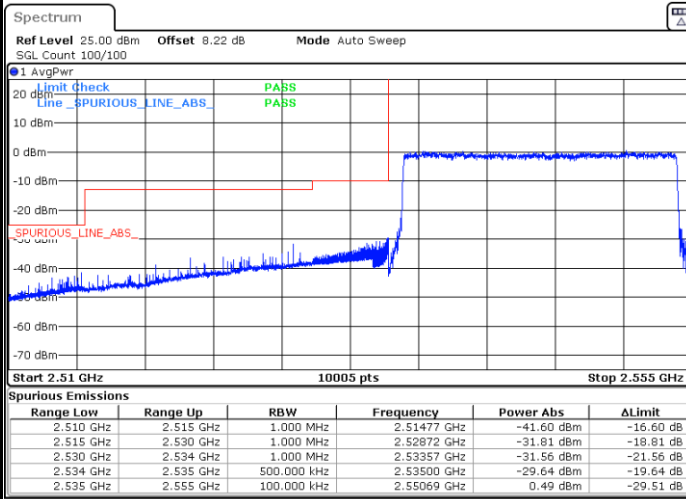
Lowest Band Edge / 1 RB



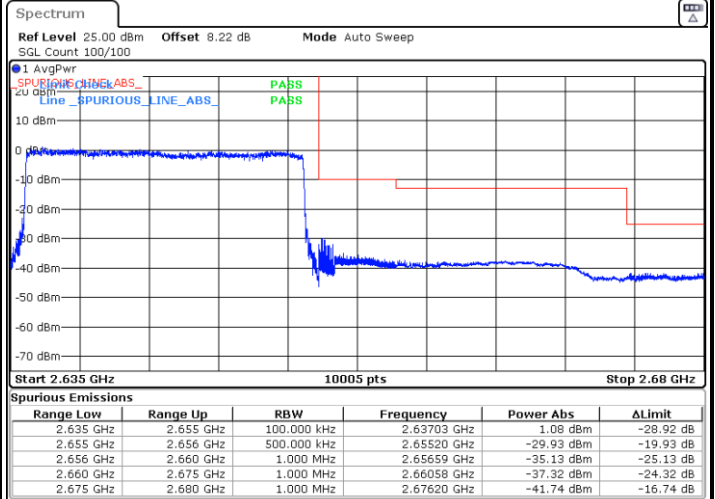
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



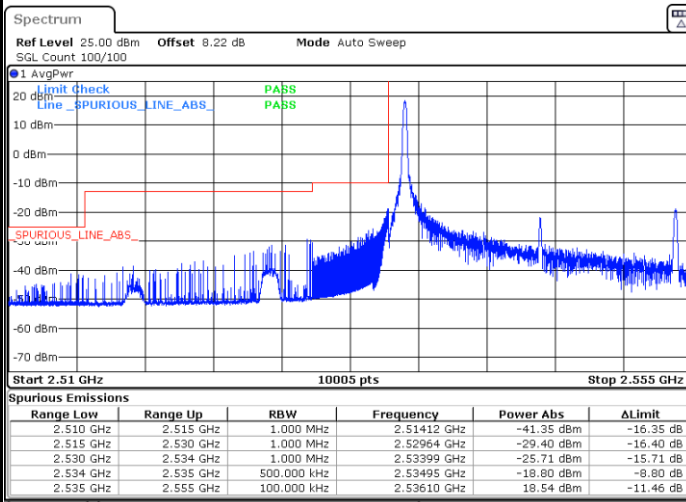
Highest Band Edge / Full RB





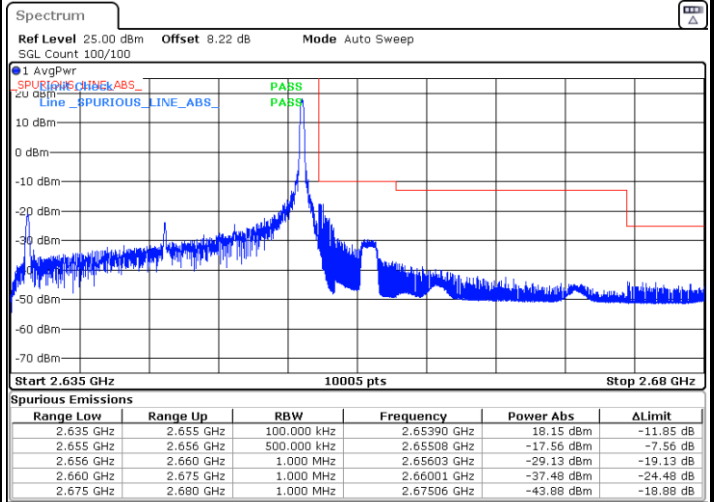
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



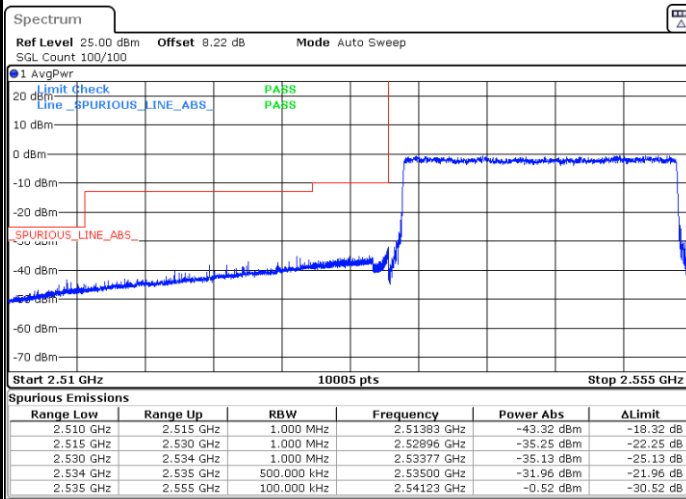
Date: 11.APR.2023 14:09:34

Highest Band Edge / 1 RB



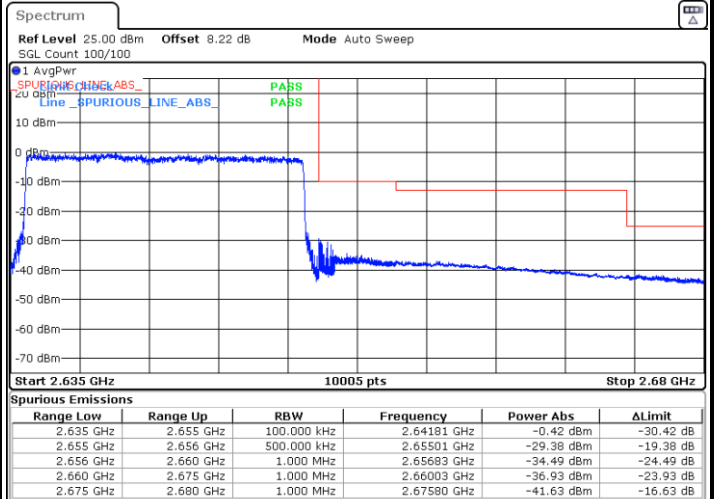
Date: 11.APR.2023 14:17:56

Lowest Band Edge / Full RB



Date: 11.APR.2023 14:12:22

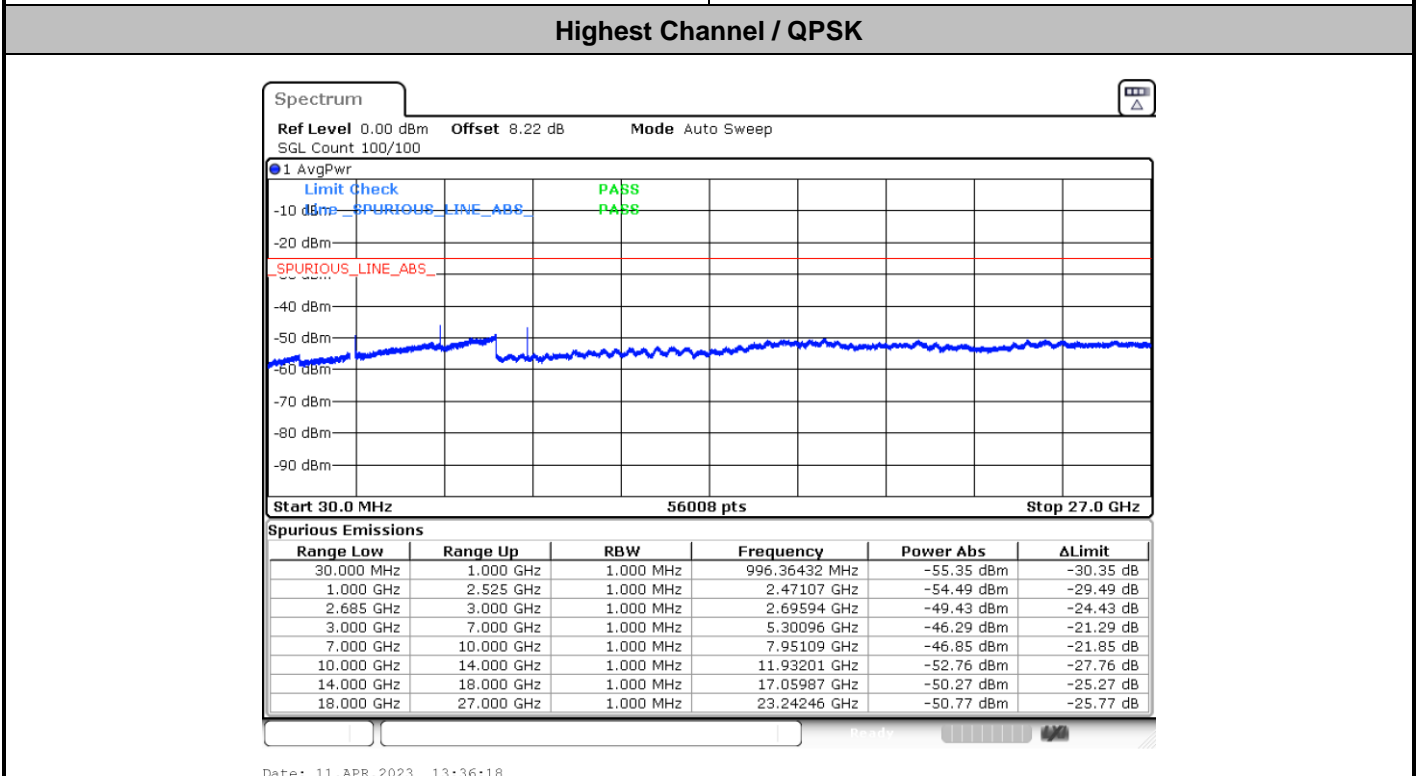
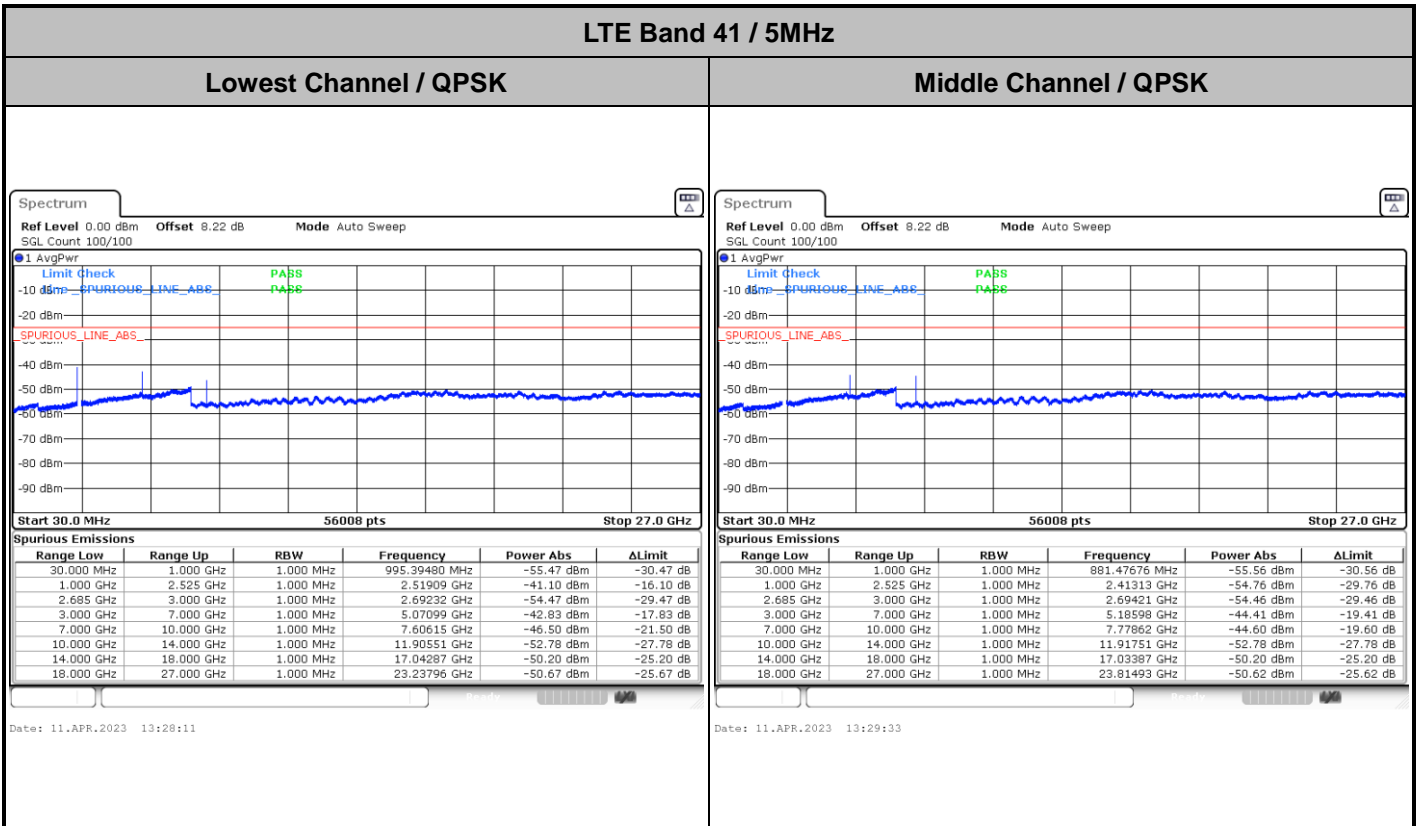
Highest Band Edge / Full RB



Date: 11.APR.2023 14:19:20



Conducted Spurious Emission

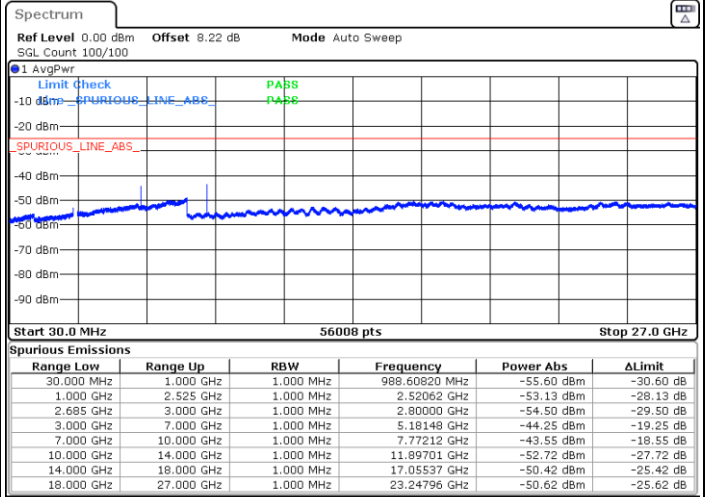
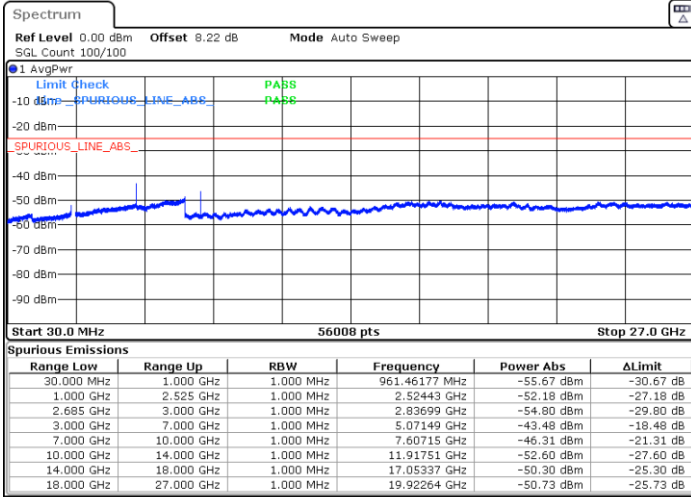




LTE Band 41 / 10MHz

Lowest Channel / QPSK

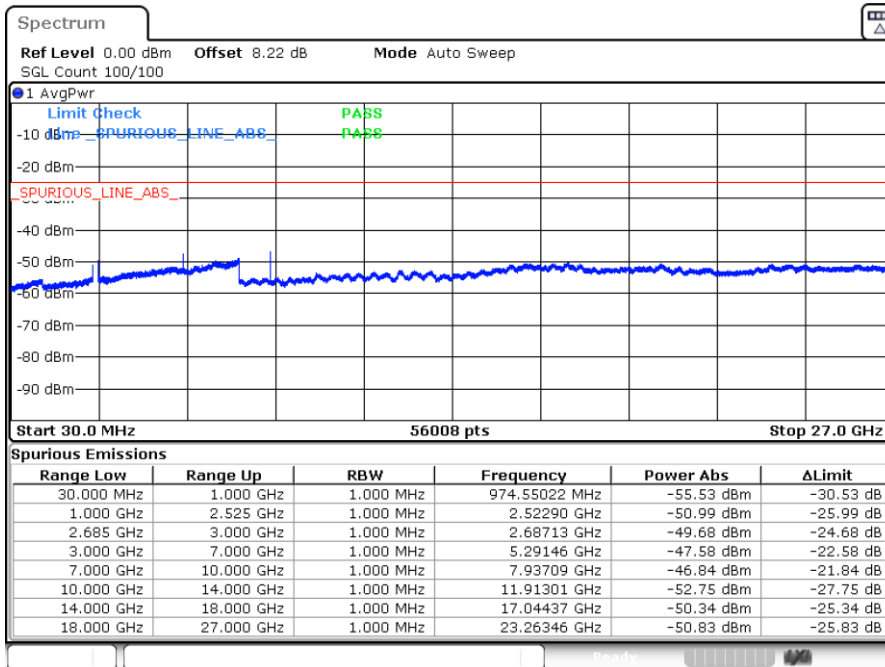
Middle Channel / QPSK



Date: 11.APR.2023 13:43:15

Date: 11.APR.2023 13:44:37

Highest Channel / QPSK

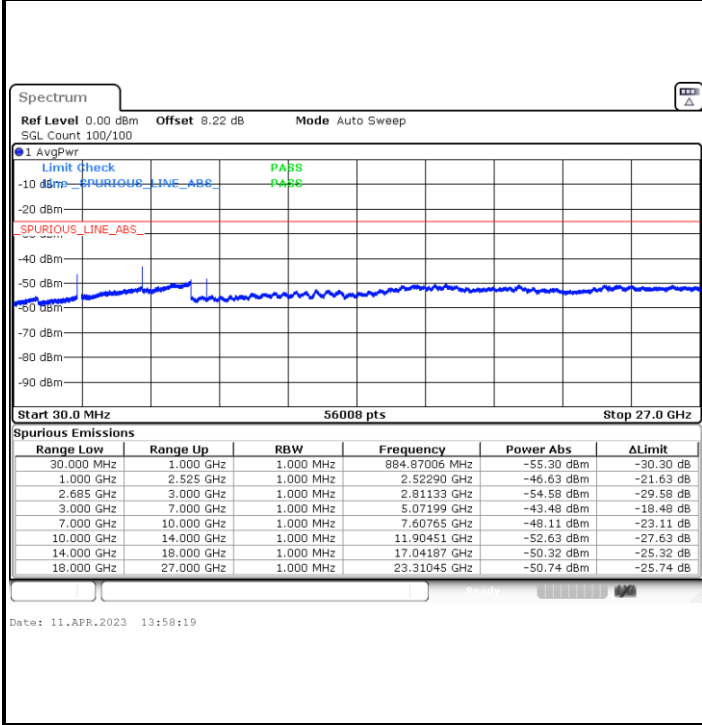


Date: 11.APR.2023 13:51:23

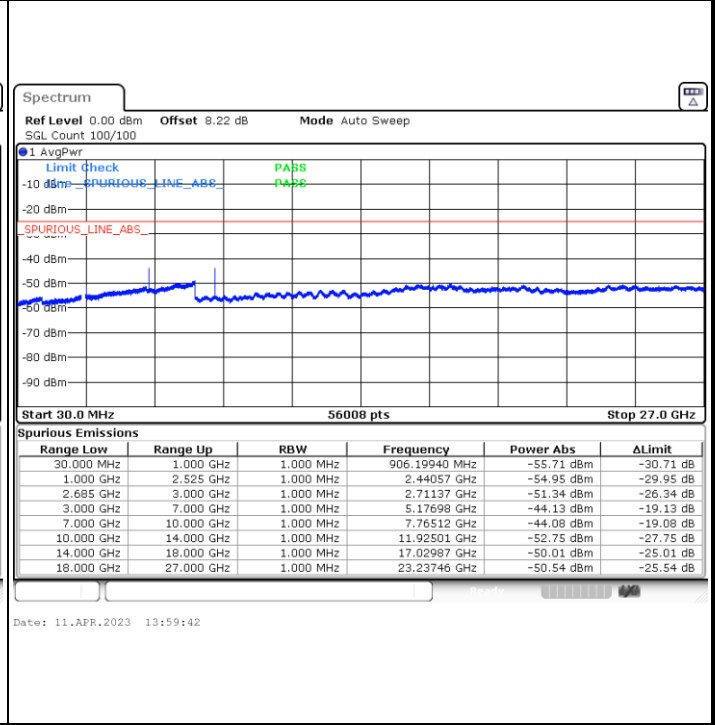


LTE Band 41 / 15MHz

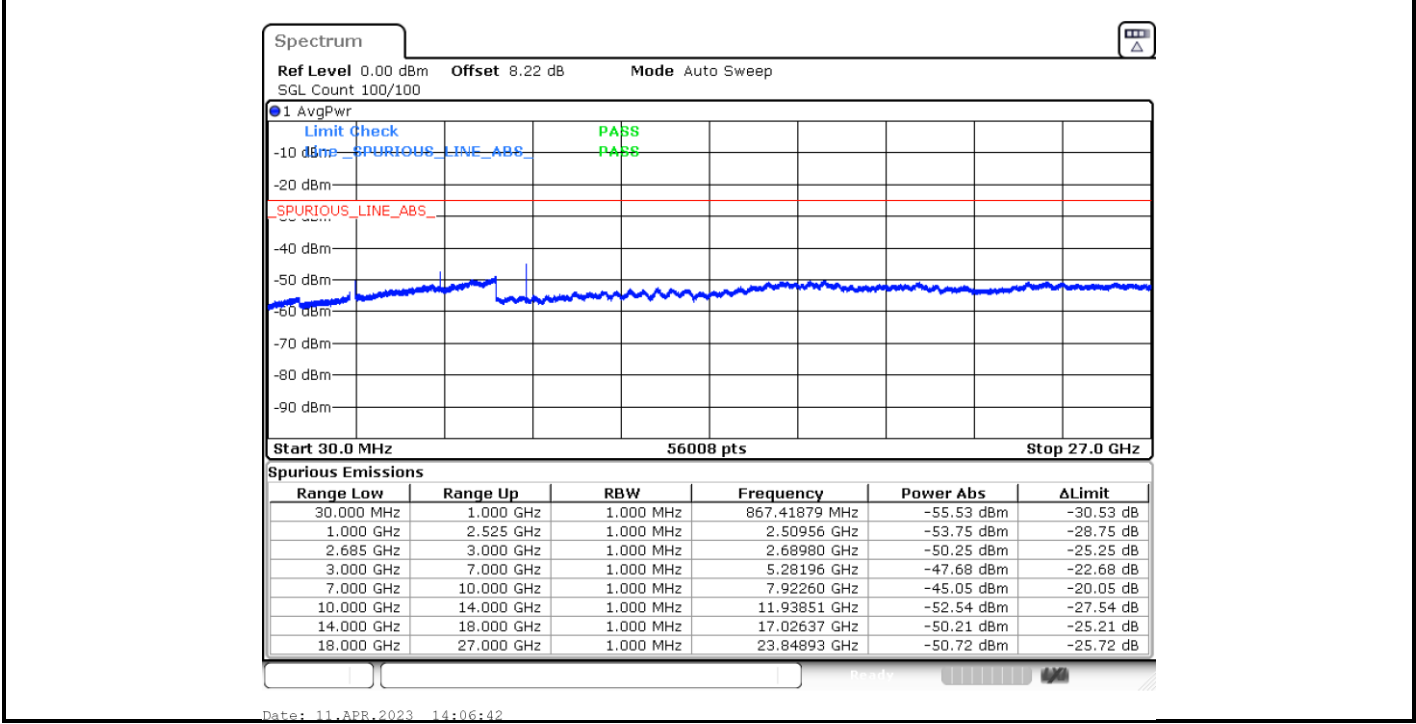
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

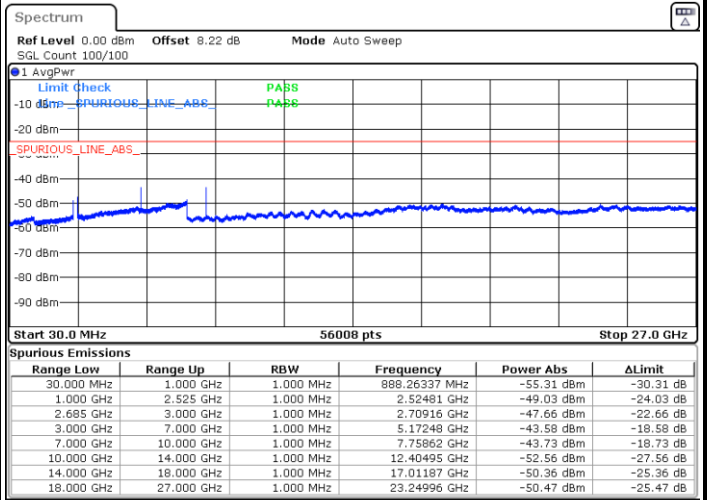
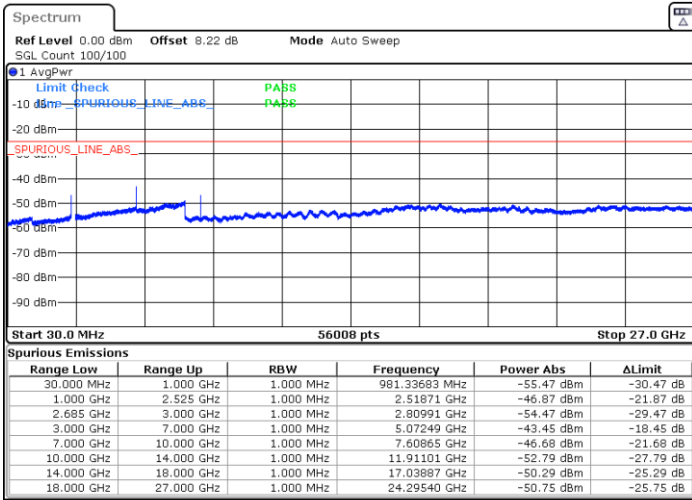




LTE Band 41 / 20MHz

Lowest Channel / QPSK

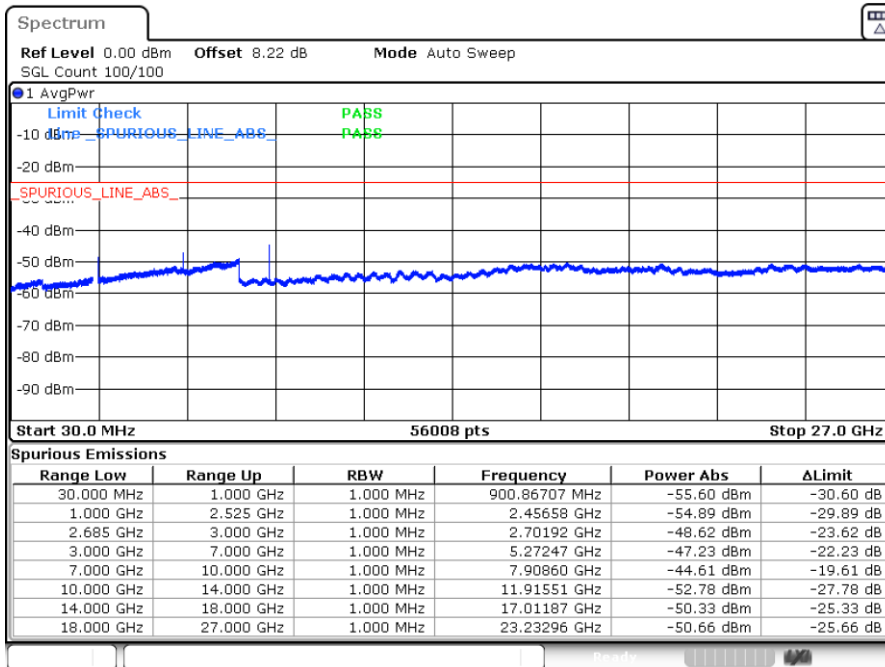
Middle Channel / QPSK



Date: 11.APR.2023 14:13:44

Date: 11.APR.2023 14:15:06

Highest Channel / QPSK



Date: 11.APR.2023 14:22:06



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0102	PASS
40	Normal Voltage	0.0051	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0106	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0120	
-20	Normal Voltage	0.0061	
-30	Normal Voltage	0.0143	
20	Maximum Voltage	0.0273	
20	Normal Voltage	0.0103	
20	Battery End Point	0.0141	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Wenbo Xiao	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 5 / 20MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664.18	-68.40	-13	-55.40	-75.82	-71.65	4.00	9.40	H
	2496.27	-65.53	-13	-52.53	-76.99	-69.10	4.88	10.60	H
	3328.36	-64.73	-13	-51.73	-78.90	-69.66	5.52	12.60	H
	1664.18	-68.23	-13	-55.23	-75.79	-71.48	4.00	9.40	V
	2496.27	-65.40	-13	-52.40	-76.95	-68.97	4.88	10.60	V
	3328.36	-64.68	-13	-51.68	-78.83	-69.61	5.52	12.60	V

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

LTE Band 41 / 20MHz / QPSK									
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	5168.00	-63.38	-25	-38.38	-82.63	-68.94	7.14	12.70	H
	7752.00	-56.59	-25	-31.59	-81.02	-59.89	8.30	11.60	H
	10336.00	-54.13	-25	-29.13	-82.64	-55.65	10.48	12.00	H
	5168.00	-63.71	-25	-38.71	-82.64	-69.27	7.14	12.70	V
	7752.00	-55.94	-25	-30.94	-81.01	-59.24	8.30	11.60	V
	10336.00	-54.90	-25	-29.90	-82.41	-56.42	10.48	12.00	V

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