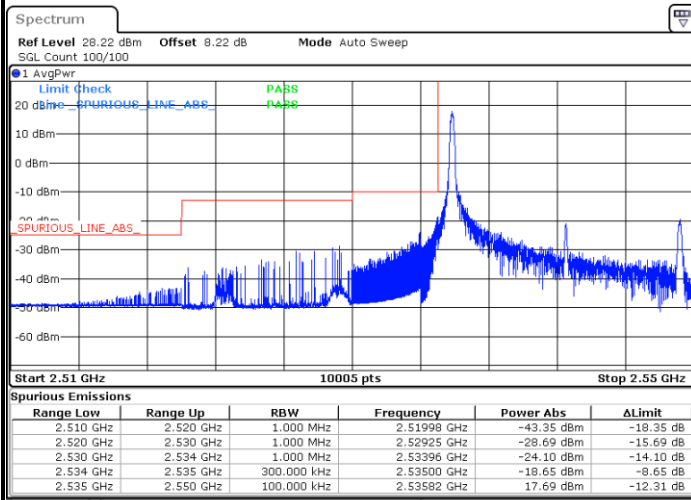


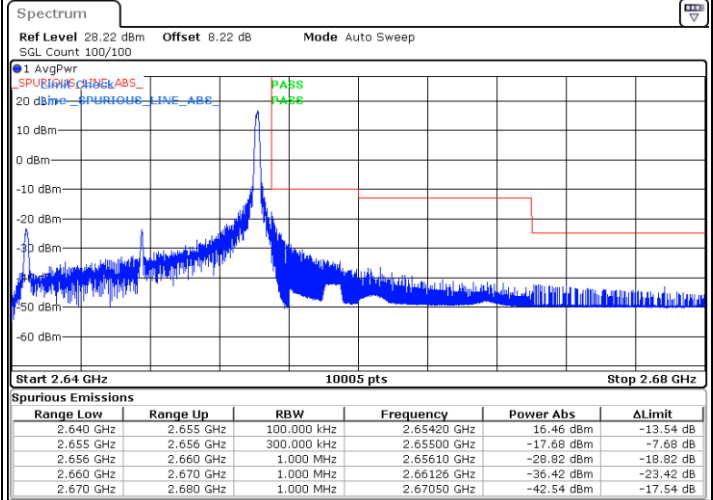


LTE Band 41 / 15MHz / 16QAM

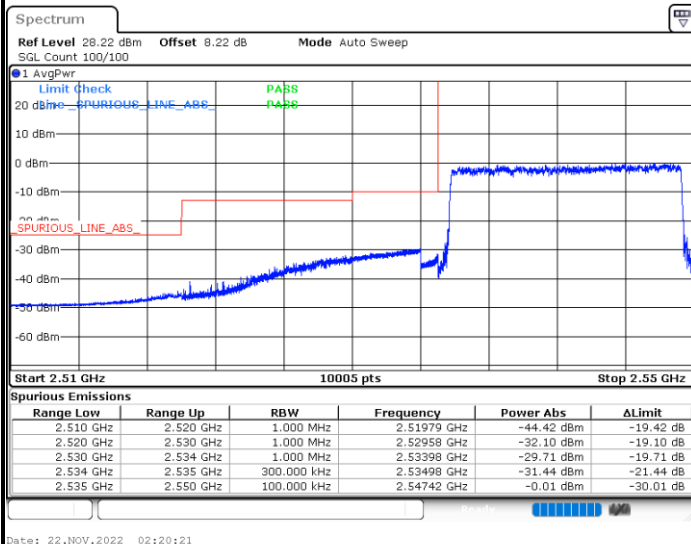
Lowest Band Edge / 1 RB



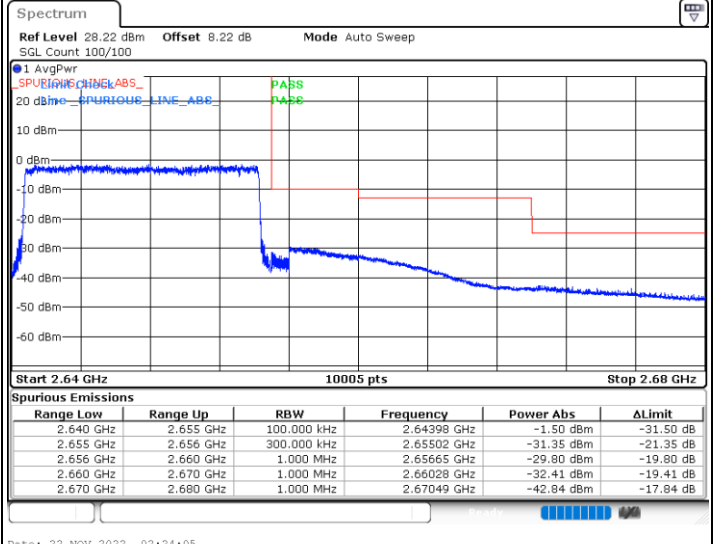
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



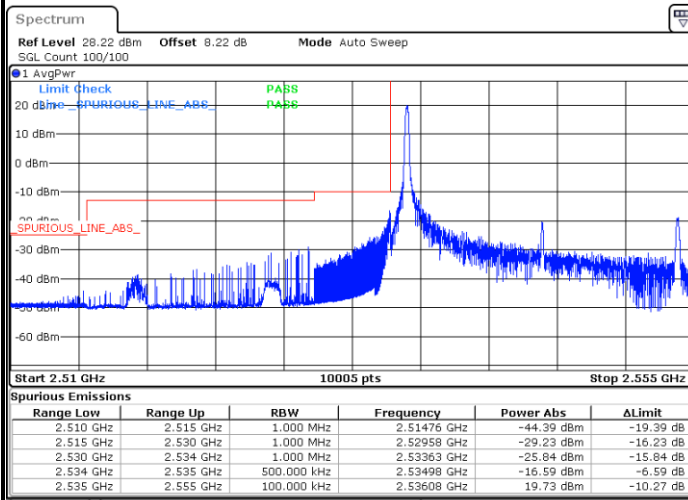
Highest Band Edge / Full RB



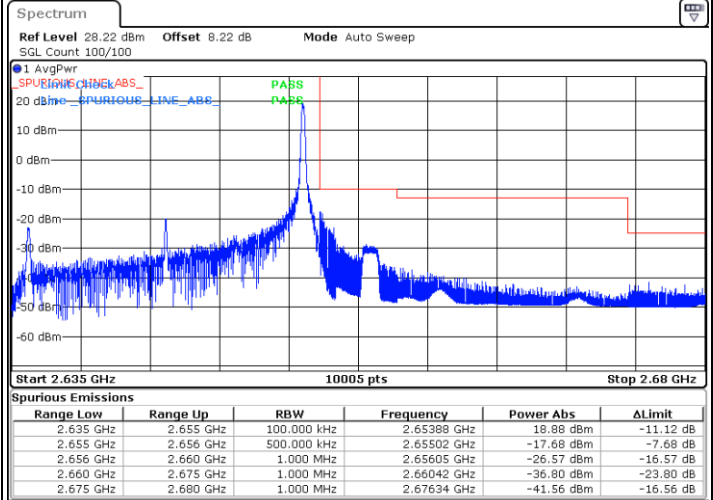


LTE Band 41 / 20MHz / QPSK

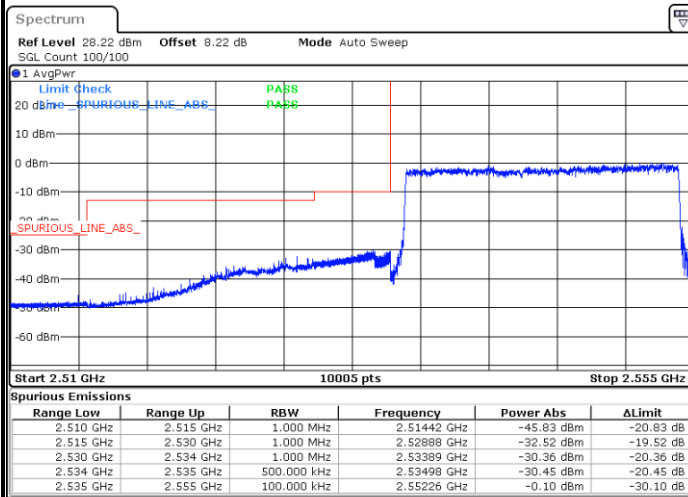
Lowest Band Edge / 1 RB



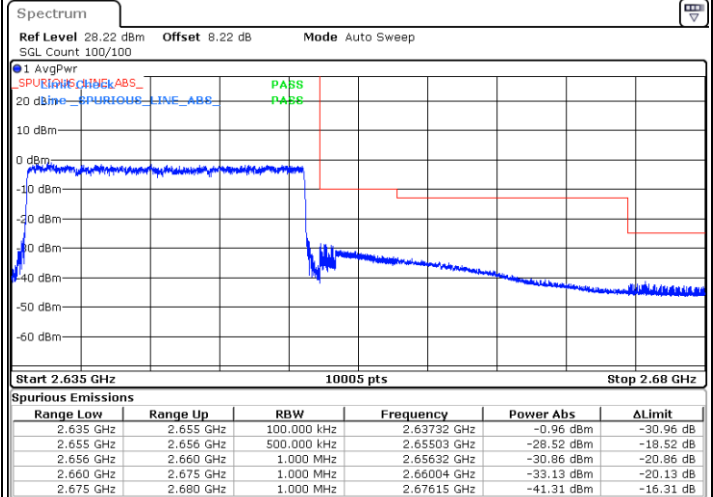
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



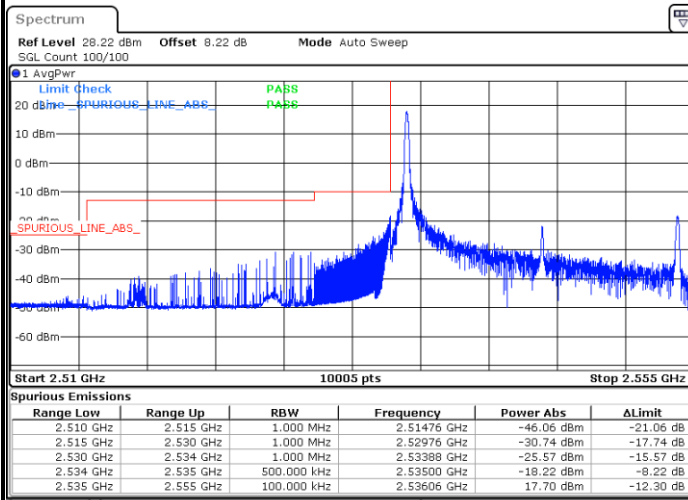
Highest Band Edge / Full RB



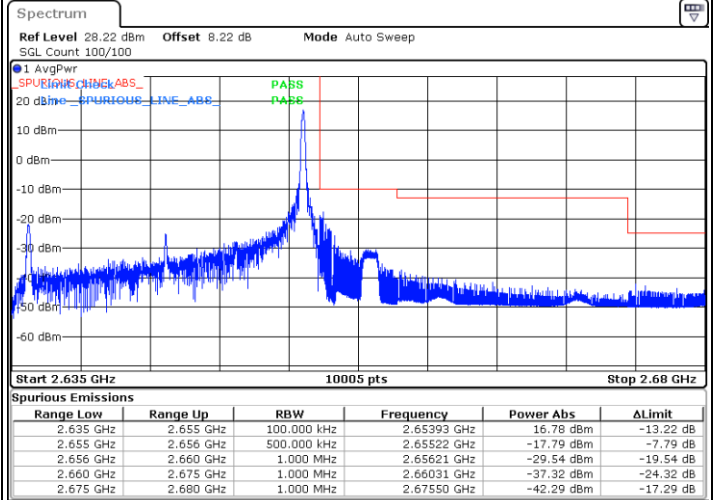


LTE Band 41 / 20MHz / 16QAM

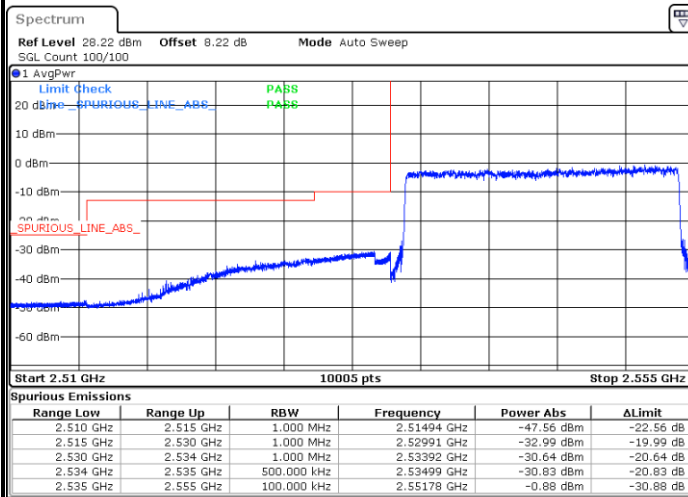
Lowest Band Edge / 1 RB



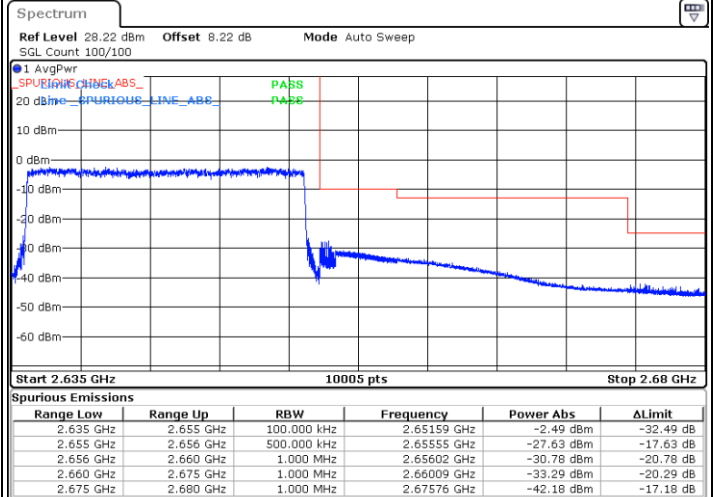
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

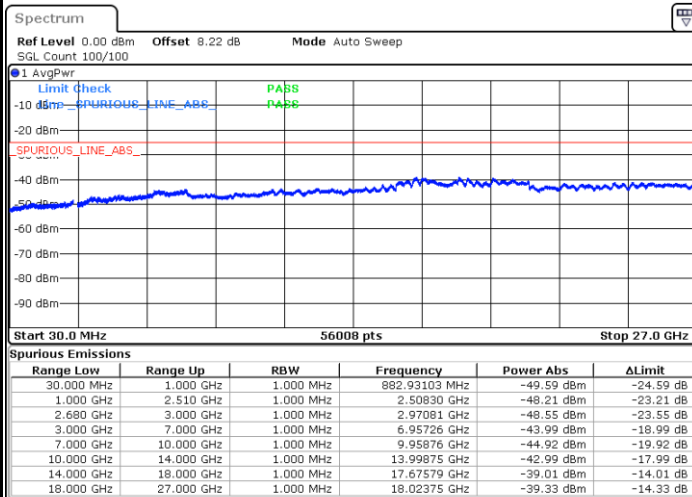




Conducted Spurious Emission

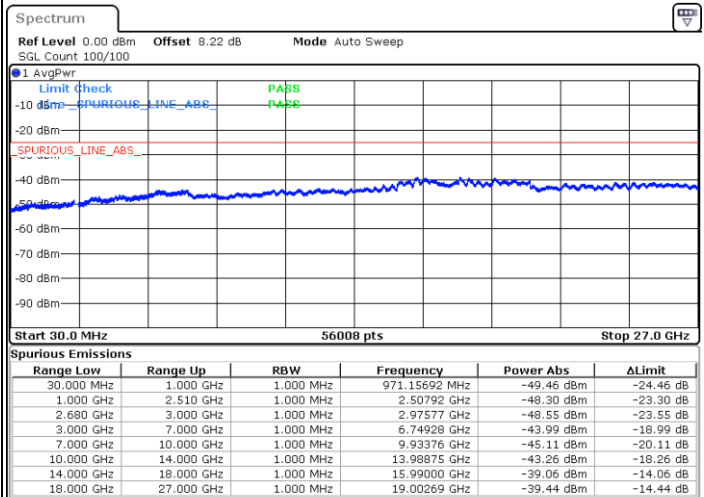
LTE Band 41 / 5MHz

Lowest Channel / QPSK



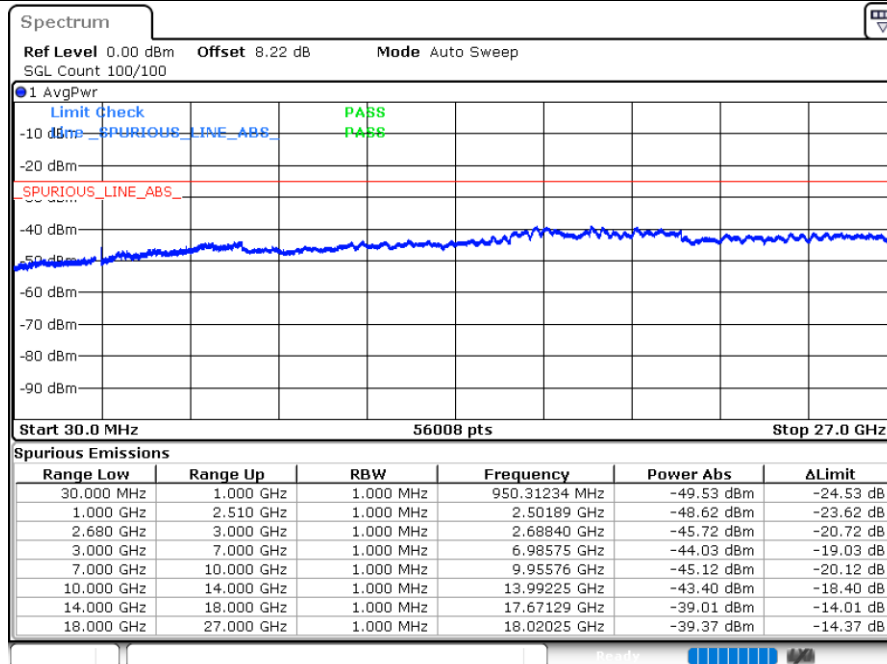
Date: 22.NOV.2022 01:56:17

Middle Channel / QPSK



Date: 22.NOV.2022 01:54:56

Highest Channel / QPSK

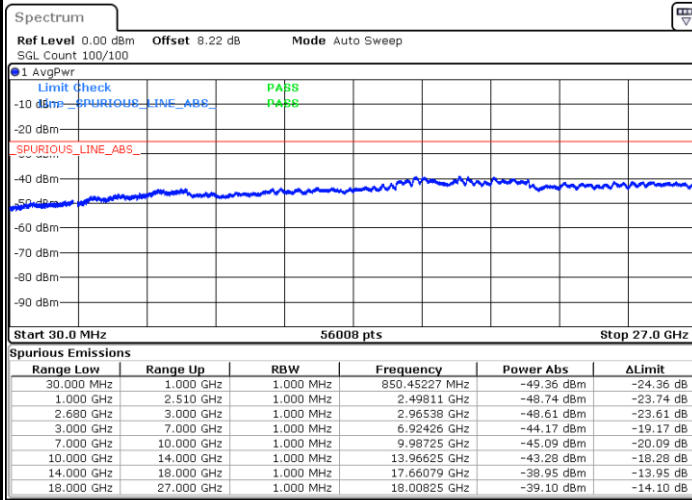


Date: 22.NOV.2022 01:53:32



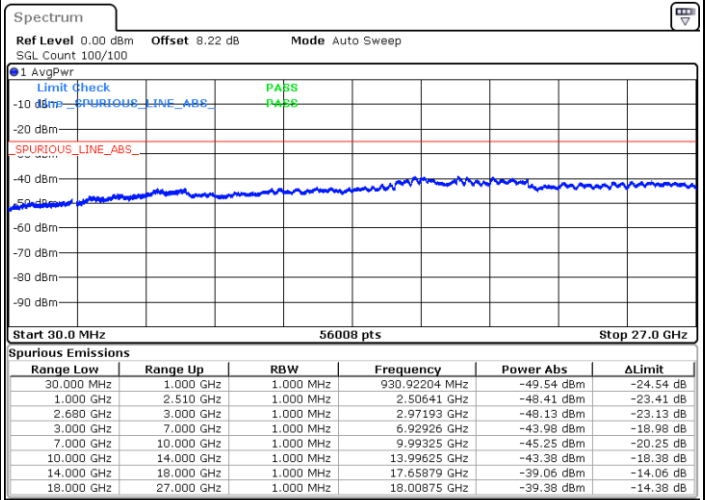
LTE Band 41 / 10MHz

Lowest Channel / QPSK



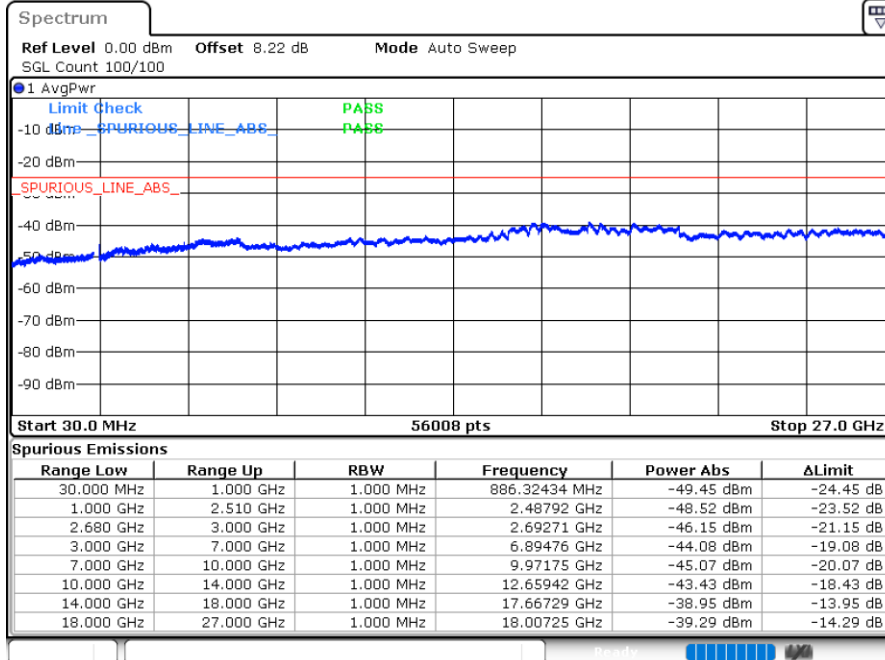
Date: 22.NOV.2022 02:12:36

Middle Channel / QPSK



Date: 22.NOV.2022 02:14:00

Highest Channel / QPSK

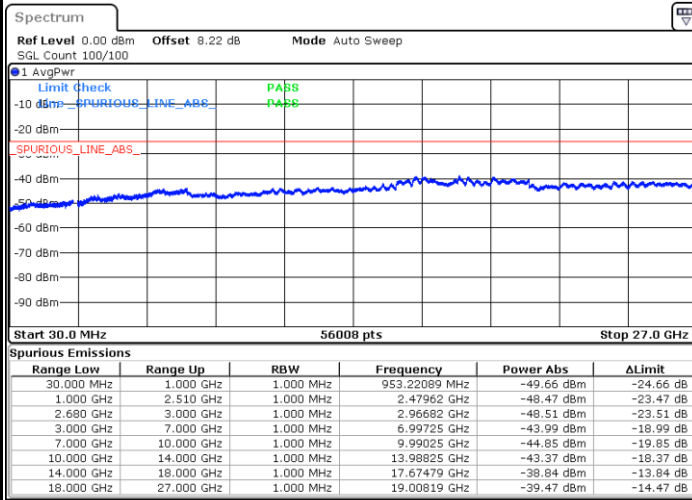


Date: 22.NOV.2022 02:15:14



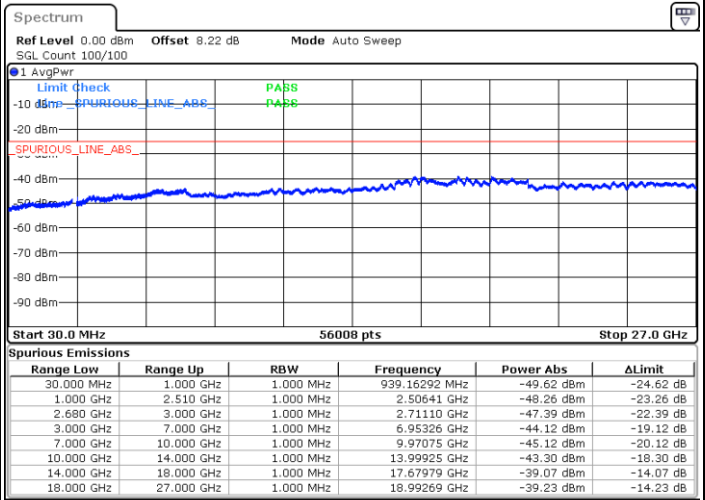
LTE Band 41 / 15MHz

Lowest Channel / QPSK



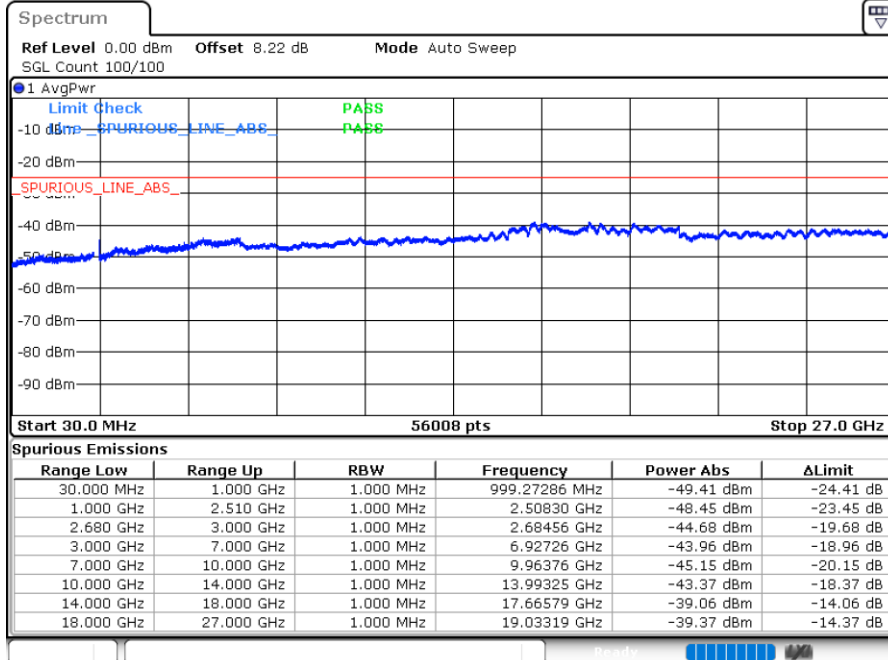
Date: 22.NOV.2022 02:30:15

Middle Channel / QPSK



Date: 22.NOV.2022 02:31:38

Highest Channel / QPSK

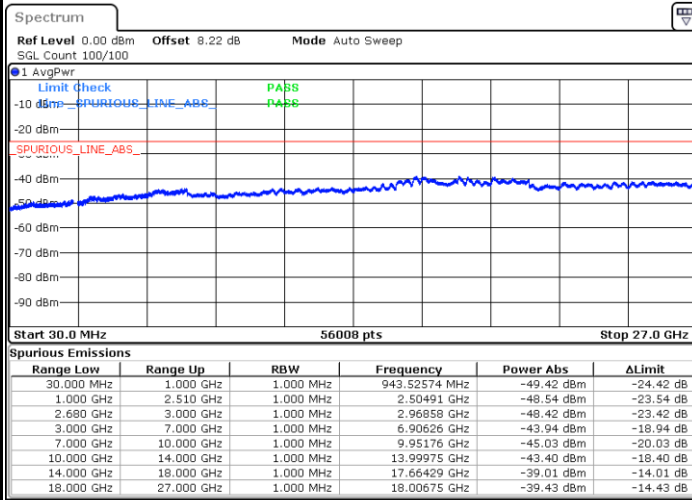


Date: 22.NOV.2022 02:32:53



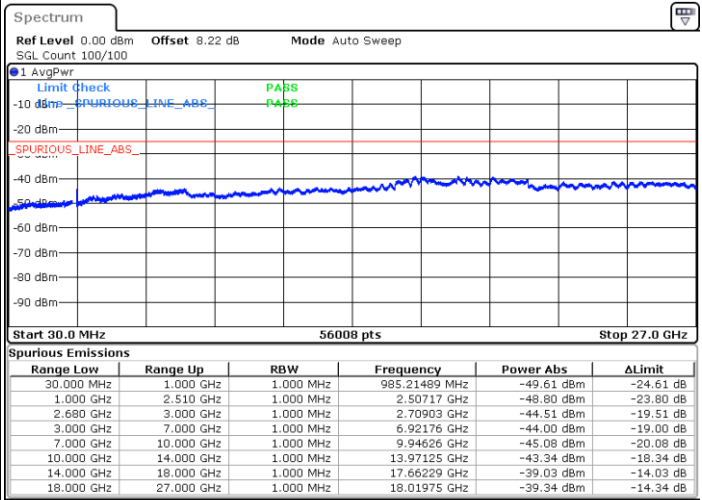
LTE Band 41 / 20MHz

Lowest Channel / QPSK



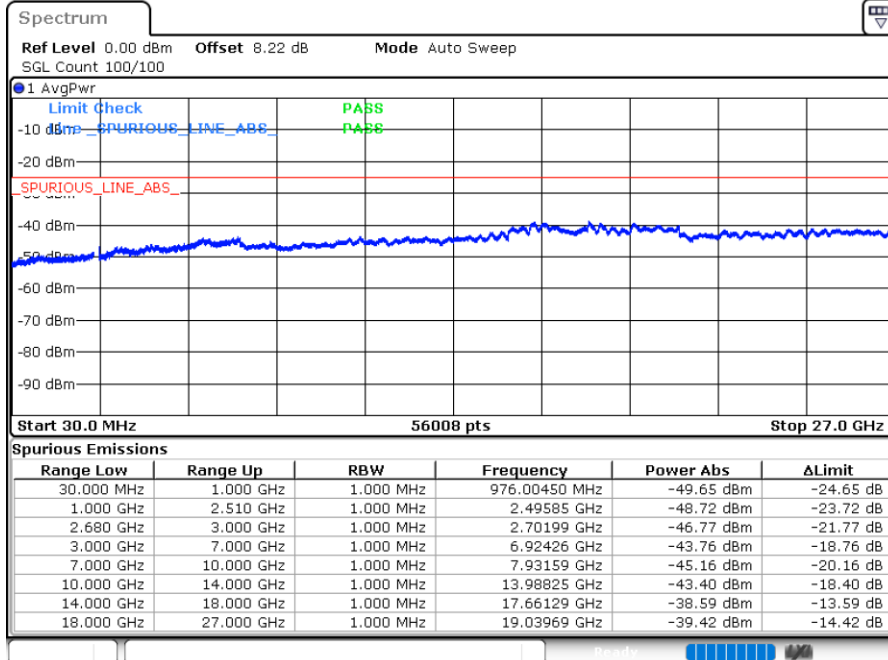
Date: 22.NOV.2022 02:45:50

Middle Channel / QPSK



Date: 22.NOV.2022 02:47:04

Highest Channel / QPSK



Date: 22.NOV.2022 02:48:19

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	0.0011	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0032	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0008	
20	Battery End Point	0.0017	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 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 :	Wenbo Xiao	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 5 / 10MHz / 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	1664.08	-63.68	-13	-50.68	-69.79	-66.85	4.10	9.42	H
	2496.27	-63.83	-13	-50.83	-74.02	-67.41	4.90	10.63	H
	3328.36	-64.13	-13	-51.13	-76.10	-69.05	5.55	12.62	H
	1664.08	-64.93	-13	-51.93	-70.81	-68.10	4.10	9.42	V
	2496.27	-63.93	-13	-50.93	-74.46	-67.51	4.90	10.63	V
	3328.36	-63.95	-13	-50.95	-76.33	-68.87	5.55	12.62	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	-61.48	-25	-36.48	-78.75	-67.04	7.14	12.70	H
	7752.00	-55.65	-25	-30.65	-78.22	-58.95	8.30	11.60	H
	10336.00	-52.64	-25	-27.64	-79.45	-54.16	10.48	12.00	H
	5168.00	-61.48	-25	-36.48	-78.7	-67.04	7.14	12.70	V
	7752.00	-55.62	-25	-30.62	-78.16	-58.92	8.30	11.60	V
	10336.00	-53.22	-25	-28.22	-79.8	-54.74	10.48	12.00	V

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