

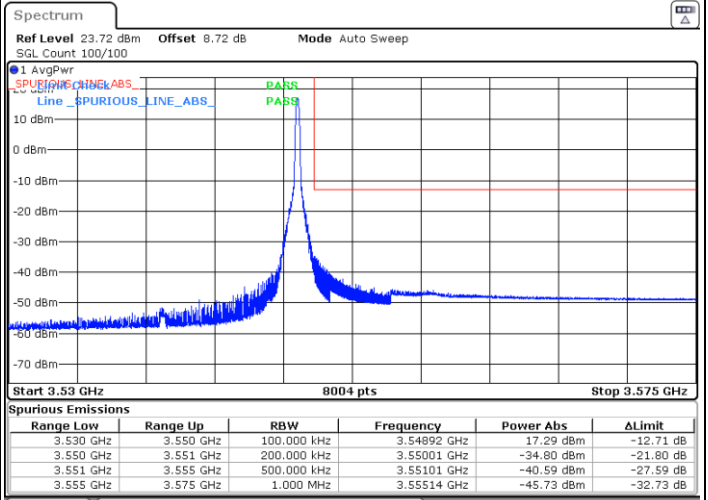
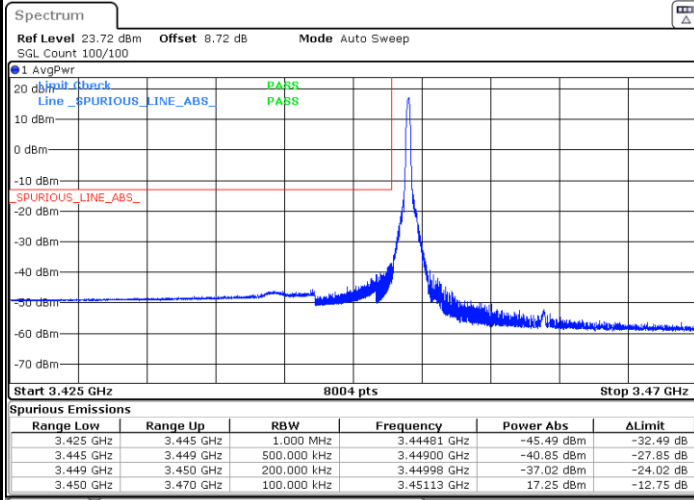


LTE Band 42 / 20MHz

64QAM

Lowest Channel / 1RB0

Highest Channel / 1RBmax

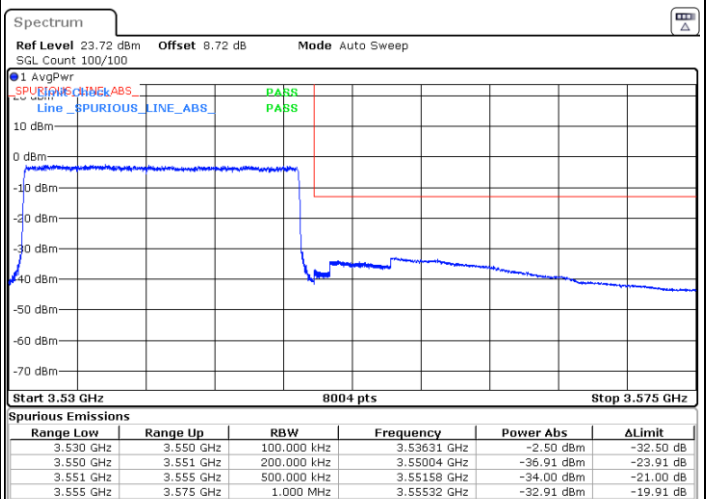
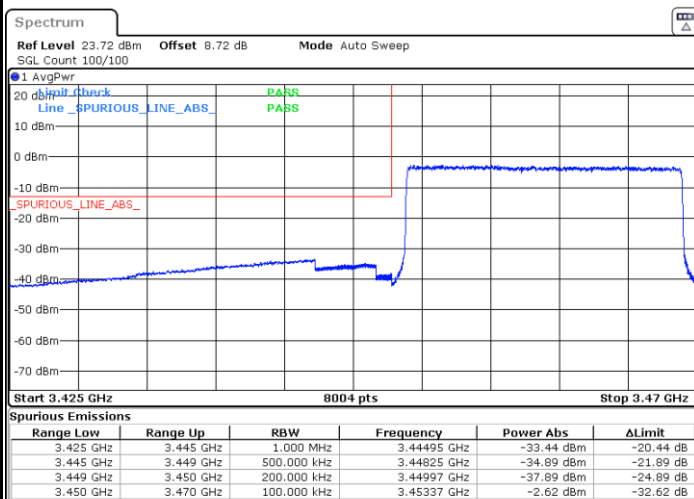


Date: 23.FEB.2023 22:48:03

Date: 23.FEB.2023 22:56:16

Lowest Channel / FullRB

Highest Channel / FullRB



Date: 23.FEB.2023 22:43:57

Date: 23.FEB.2023 23:00:23

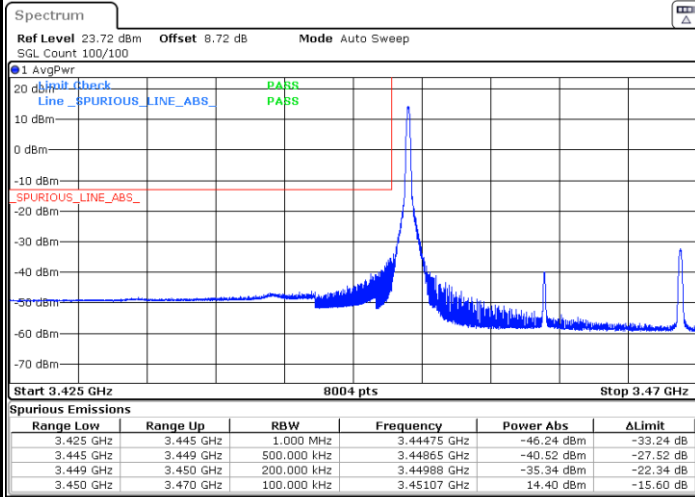


LTE Band 42 / 20MHz

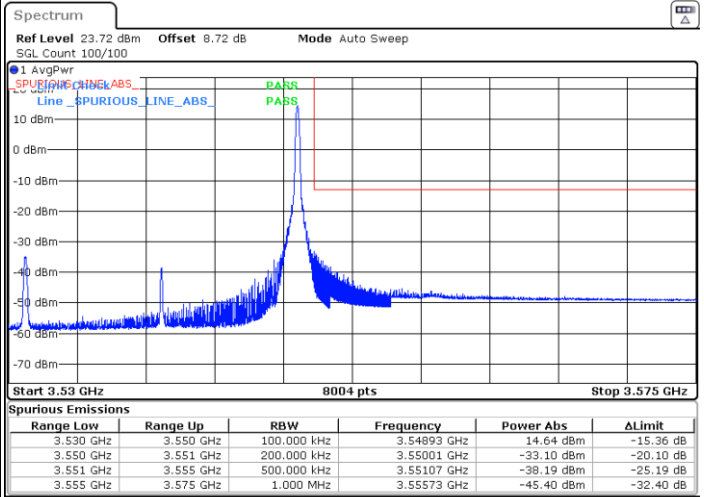
256QAM

Lowest Channel / 1RB0

Highest Channel / 1RBmax



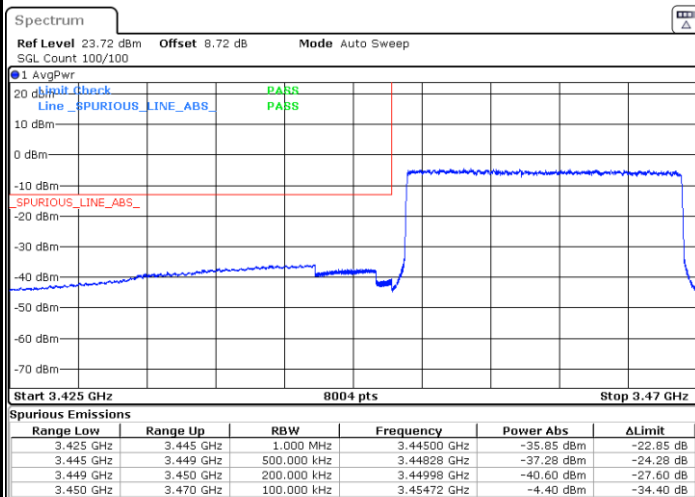
Date: 23.FEB.2023 22:49:04



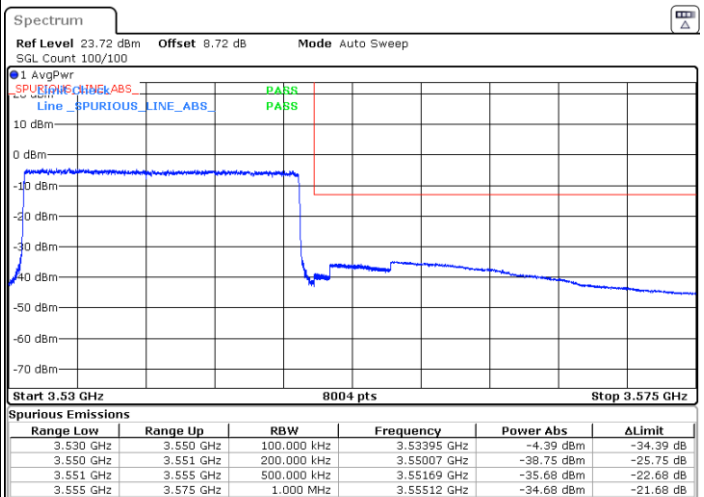
Date: 23.FEB.2023 22:57:17

Lowest Channel / FullRB

Highest Channel / FullRB



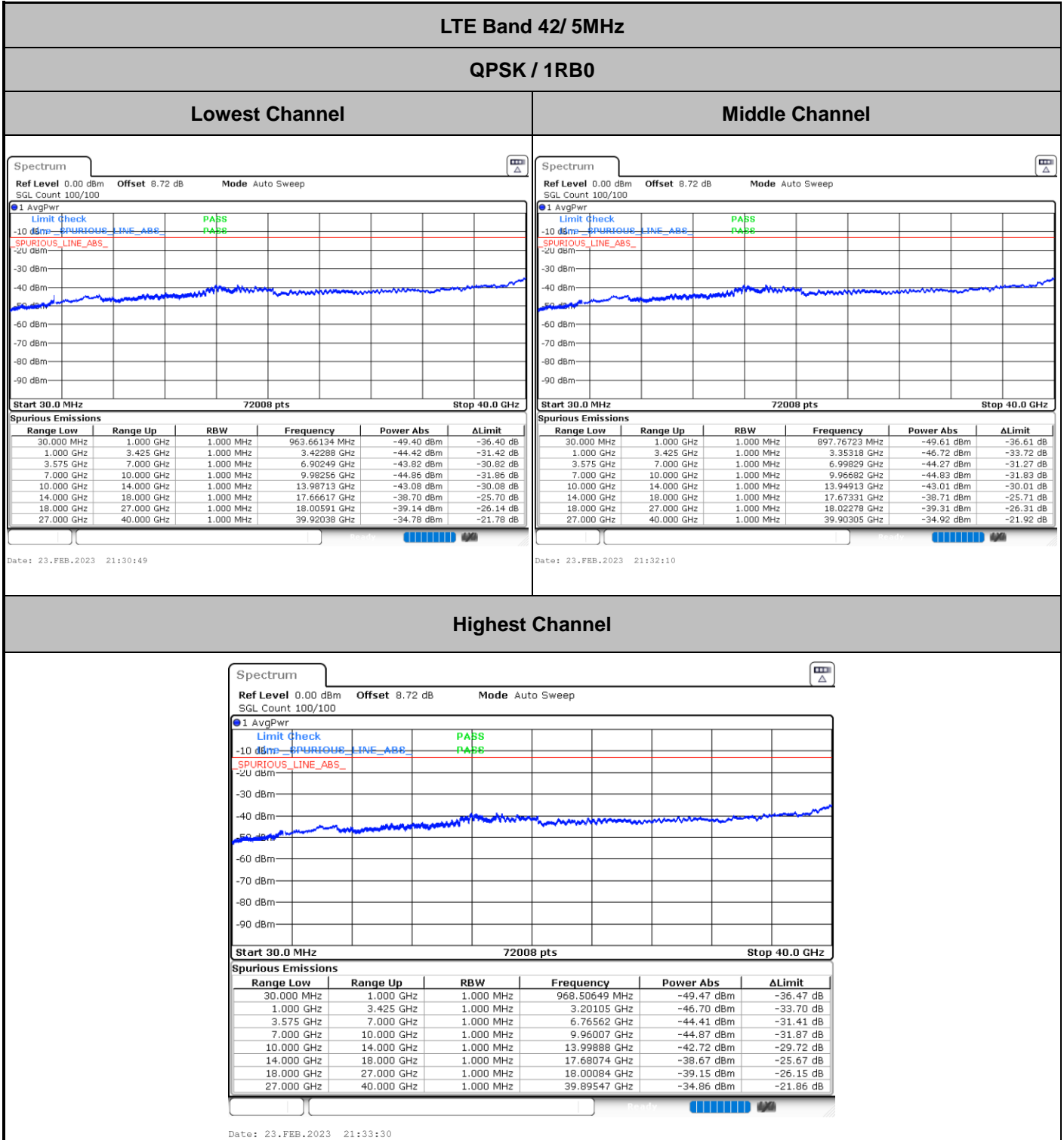
Date: 23.FEB.2023 22:44:58



Date: 23.FEB.2023 23:01:23



# Conducted Spurious Emission



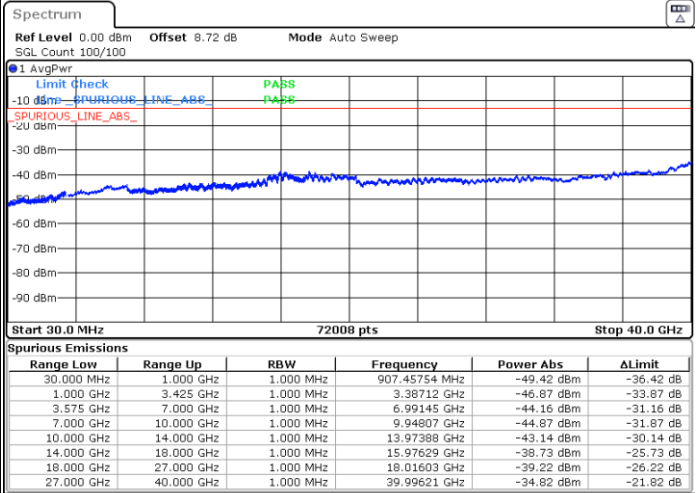
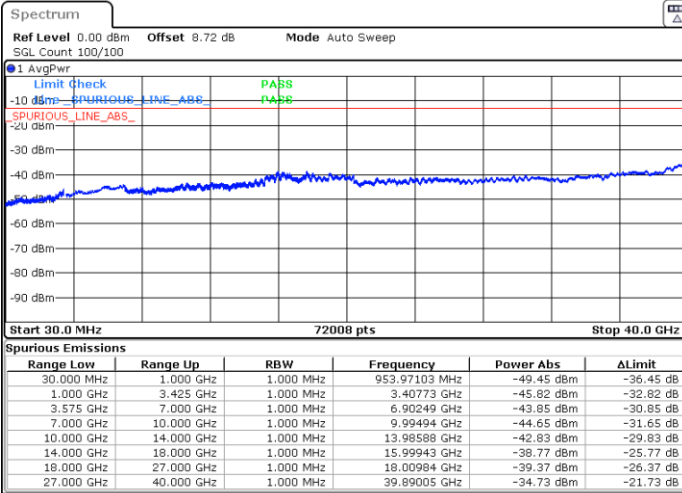


LTE Band 42/ 10MHz

QPSK / 1RB0

Lowest Channel

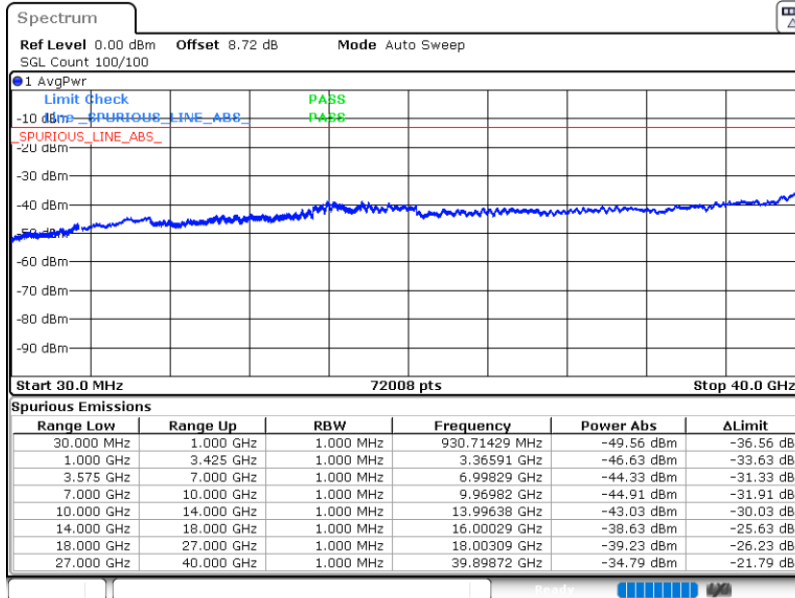
Middle Channel



Date: 23.FEB.2023 22:06:07

Date: 23.FEB.2023 22:07:28

Highest Channel



Date: 23.FEB.2023 22:08:48

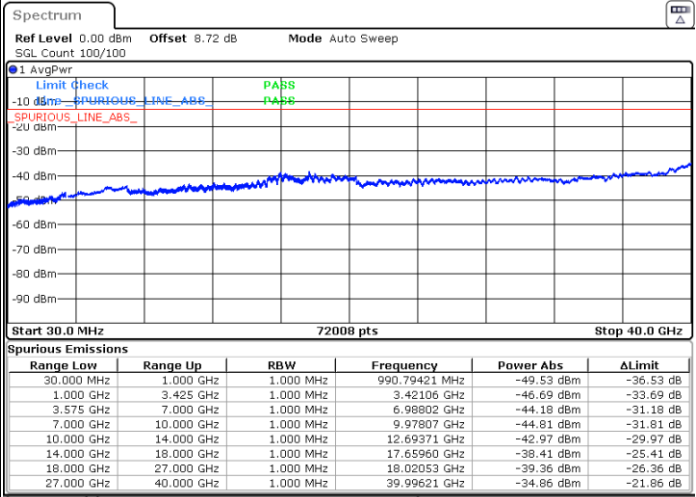
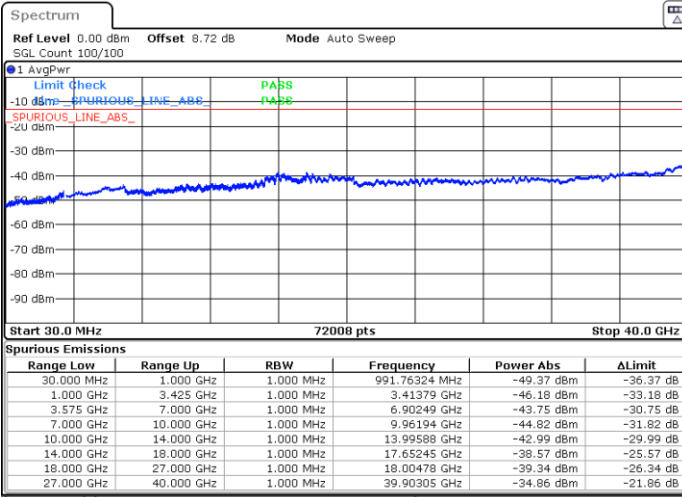


LTE Band 42/ 15MHz

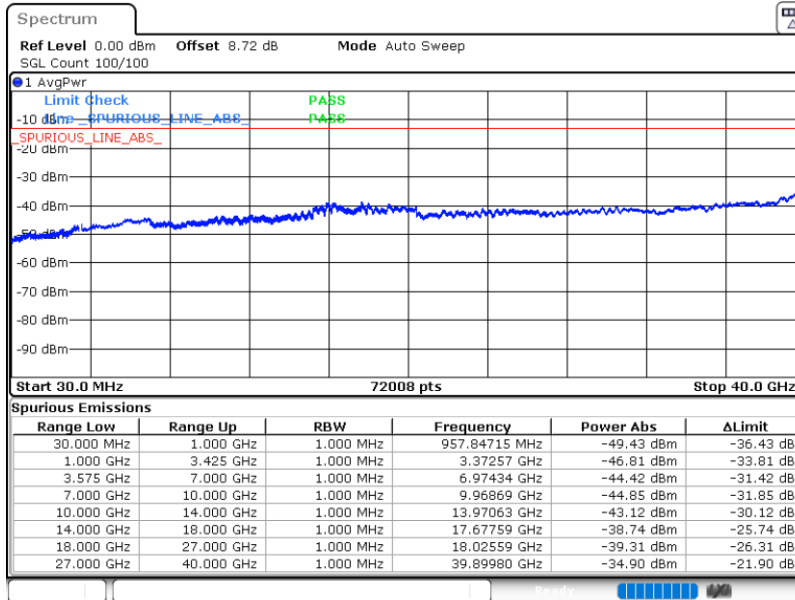
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



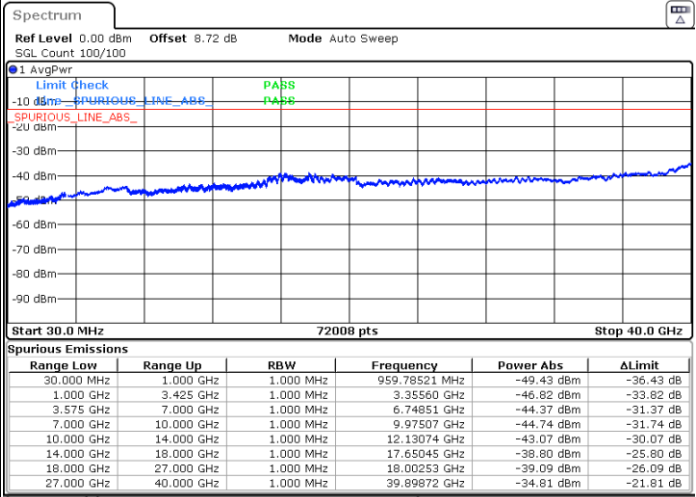
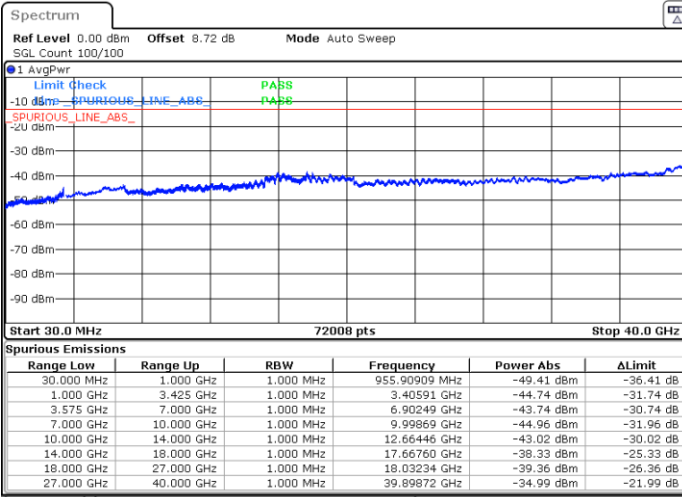


LTE Band 42/ 20MHz

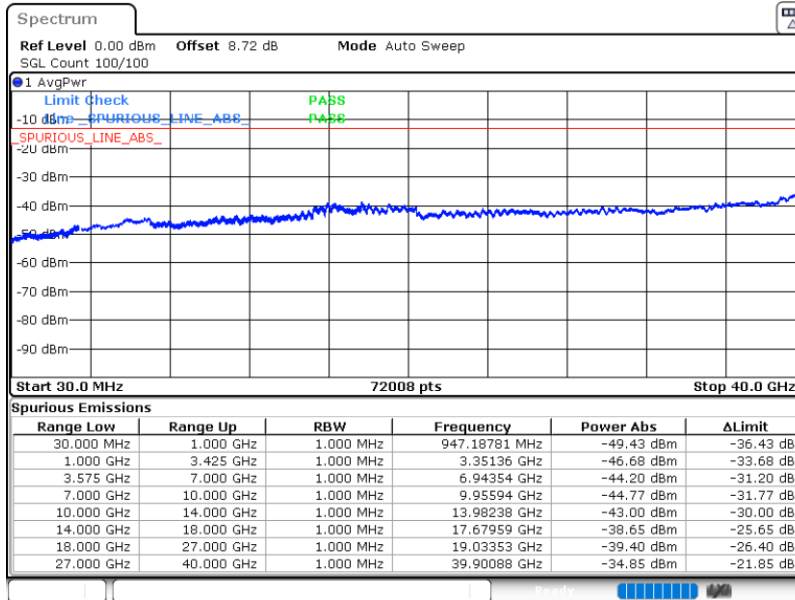
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



## Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0052	PASS
40	Normal Voltage	0.0043	
30	Normal Voltage	0.0036	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0002	
20	Battery End Point	0.0017	

**Note:**

1. Normal Voltage =3.85 ; Battery End Point (BEP) =3.45 ; Maximum Voltage =4.41
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 :	23~25°C
		Relative Humidity :	41~42%

LTE Band 42 / 20MHz / QPSK								
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	6911	-55.19	-13	-42.19	-65.40	3.03	13.24	H
	10356	-62.10	-13	-49.10	-71.55	3.56	13.01	H
	13804.36	-61.31	-13	-48.31	-70.83	3.92	13.44	H
	6911	-61.19	-13	-48.19	-71.40	3.03	13.24	V
	10353.27	-62.25	-13	-49.25	-71.70	3.56	13.01	V
	13801	-61.07	-13	-48.07	-70.59	3.92	13.44	V
Middle	6989	-60.71	-13	-47.71	-70.92	3.03	13.24	H
	10473	-62.23	-13	-49.23	-71.68	3.56	13.01	H
	13964.36	-61.08	-13	-48.08	-70.60	3.92	13.44	H
	6976	-63.72	-13	-50.72	-73.93	3.03	13.24	V
	10473.27	-62.46	-13	-49.46	-71.91	3.56	13.01	V
	13964.36	-61.24	-13	-48.24	-70.76	3.92	13.44	V
Highest	7062.18	-63.42	-13	-50.42	-73.63	3.03	13.24	H
	10593.27	-61.10	-13	-48.10	-70.55	3.56	13.01	H
	14126	-60.76	-13	-47.76	-70.28	3.92	13.44	H
	7067	-63.86	-13	-50.86	-74.07	3.03	13.24	V
	10593.27	-61.41	-13	-48.41	-70.86	3.56	13.01	V
	14126	-60.92	-13	-47.92	-70.44	3.92	13.44	V

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