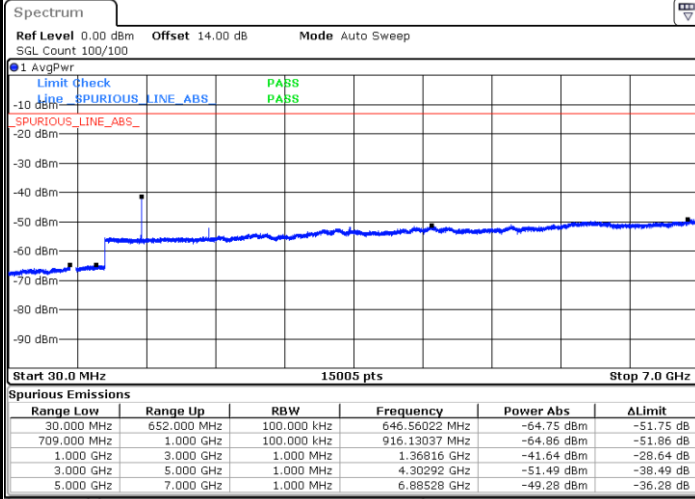




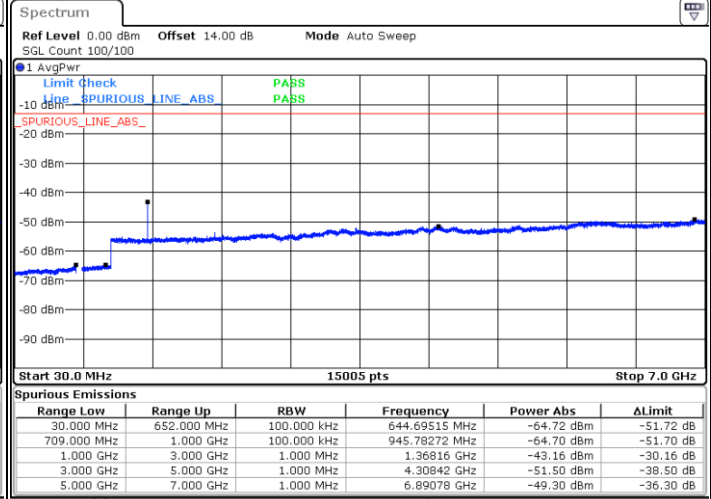
LTE Band71 / 15MHz

Highest Channel / QPSK



Date: 16.MAR.2023 10:20:54

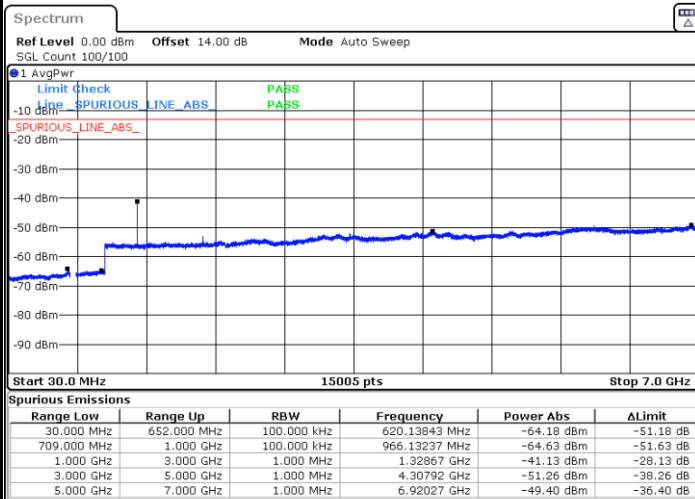
Highest Channel / 16QAM



Date: 16.MAR.2023 10:22:18

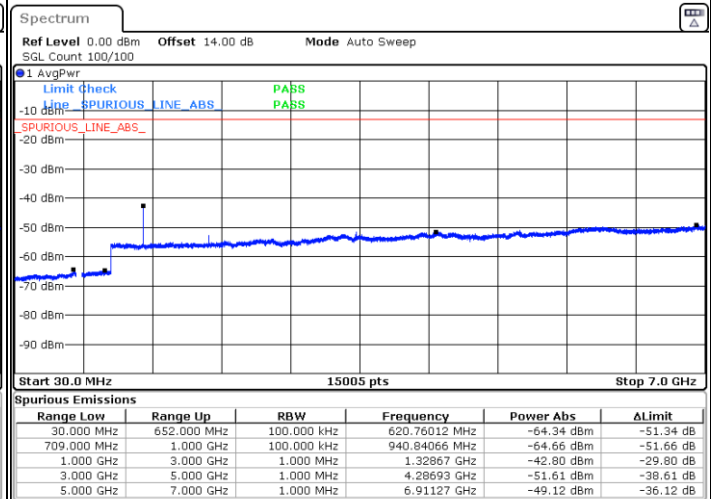
LTE Band 71 / 20MHz

Lowest Channel / QPSK



Date: 16.MAR.2023 10:46:03

Lowest Channel / 16QAM



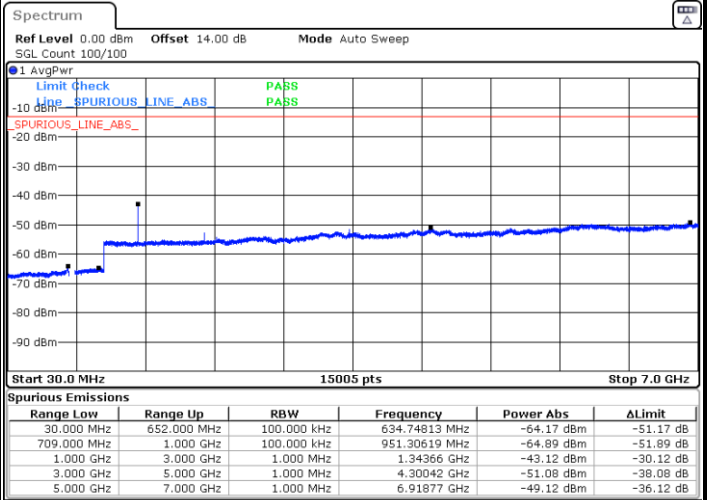
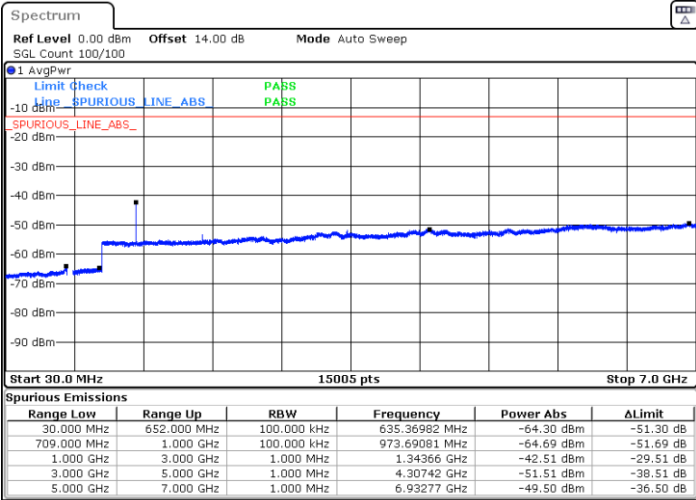
Date: 16.MAR.2023 10:47:23



LTE Band 71 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

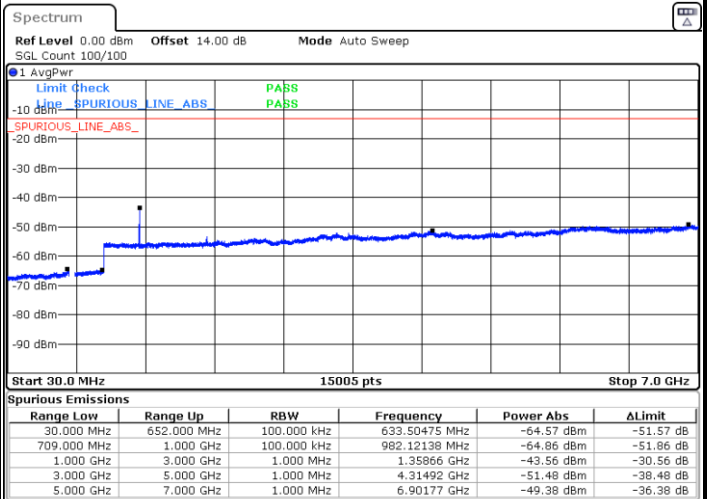
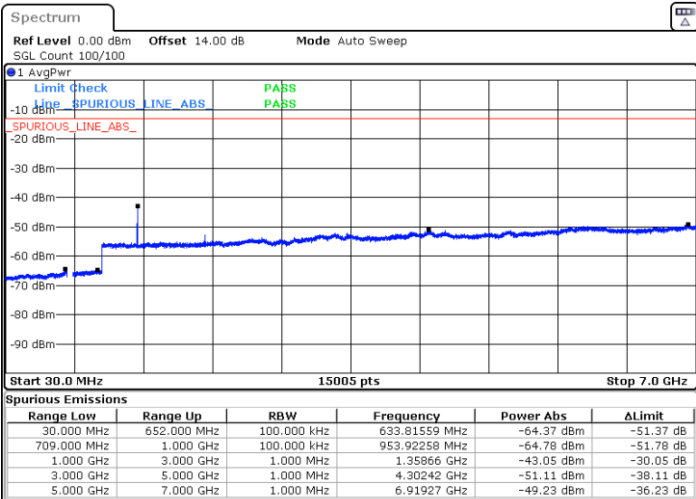


Date: 16.MAR.2023 10:54:23

Date: 16.MAR.2023 10:55:08

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 16.MAR.2023 11:10:23

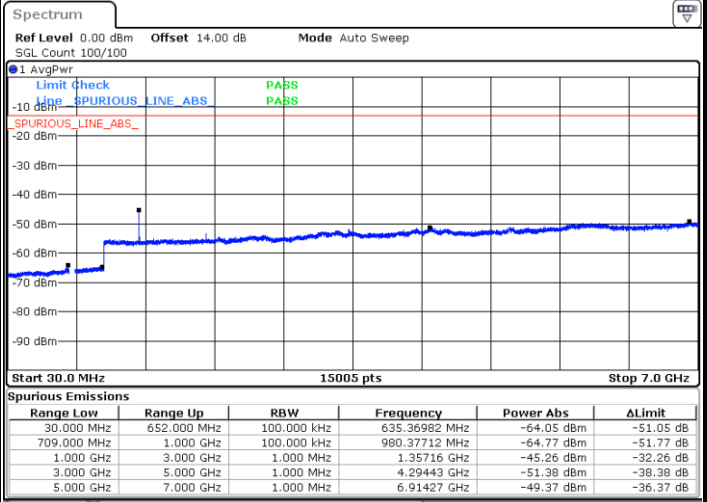
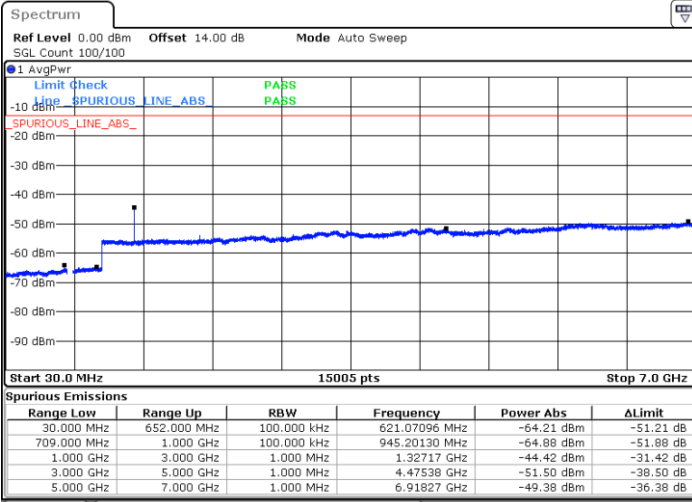
Date: 16.MAR.2023 11:09:29



LTE Band 71 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

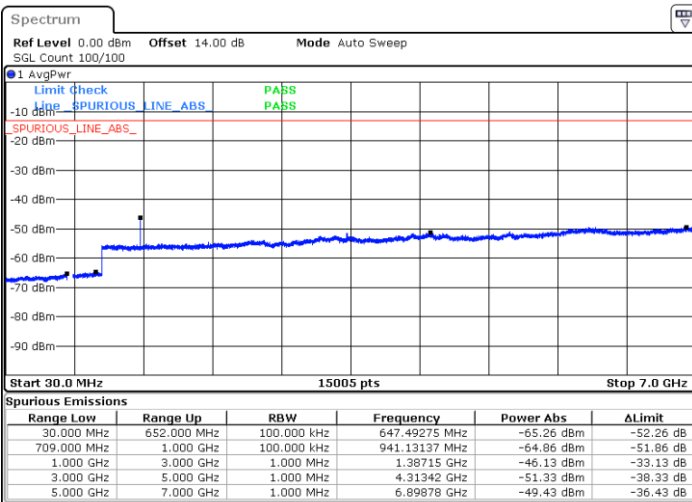


Date: 15.MAR.2023 15:05:32

Date: 15.MAR.2023 15:59:41

Highest Channel / 64QAM

NA



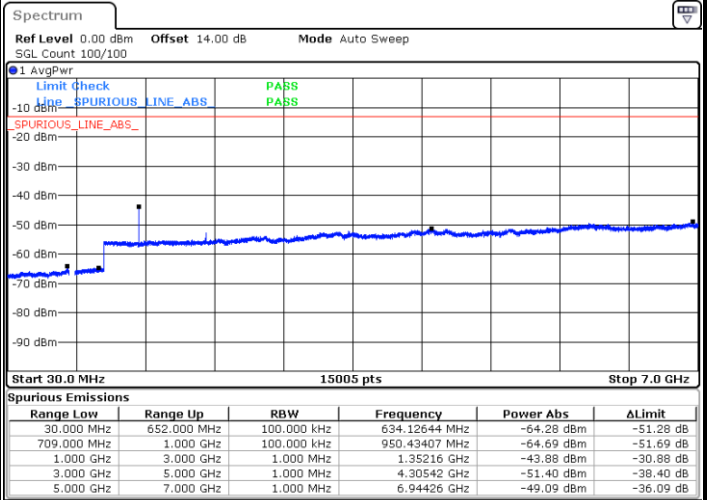
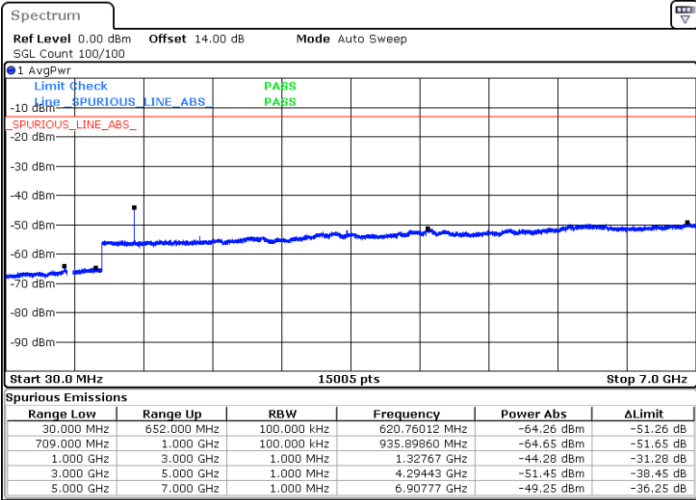
Date: 15.MAR.2023 16:13:51



LTE Band 71 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

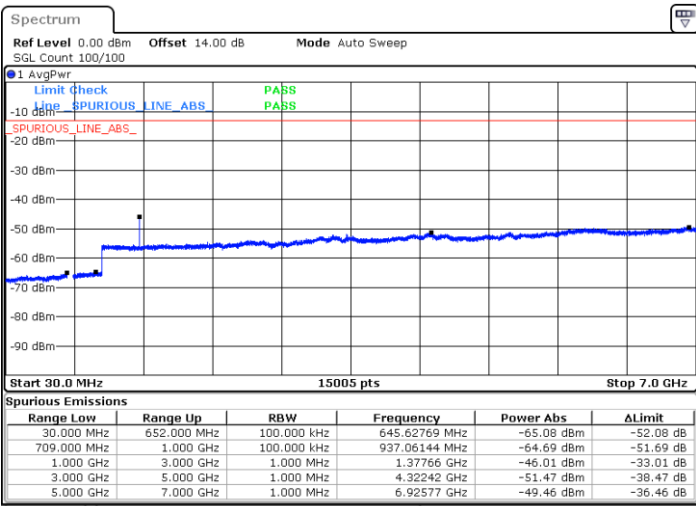


Date: 16.MAR.2023 09:20:49

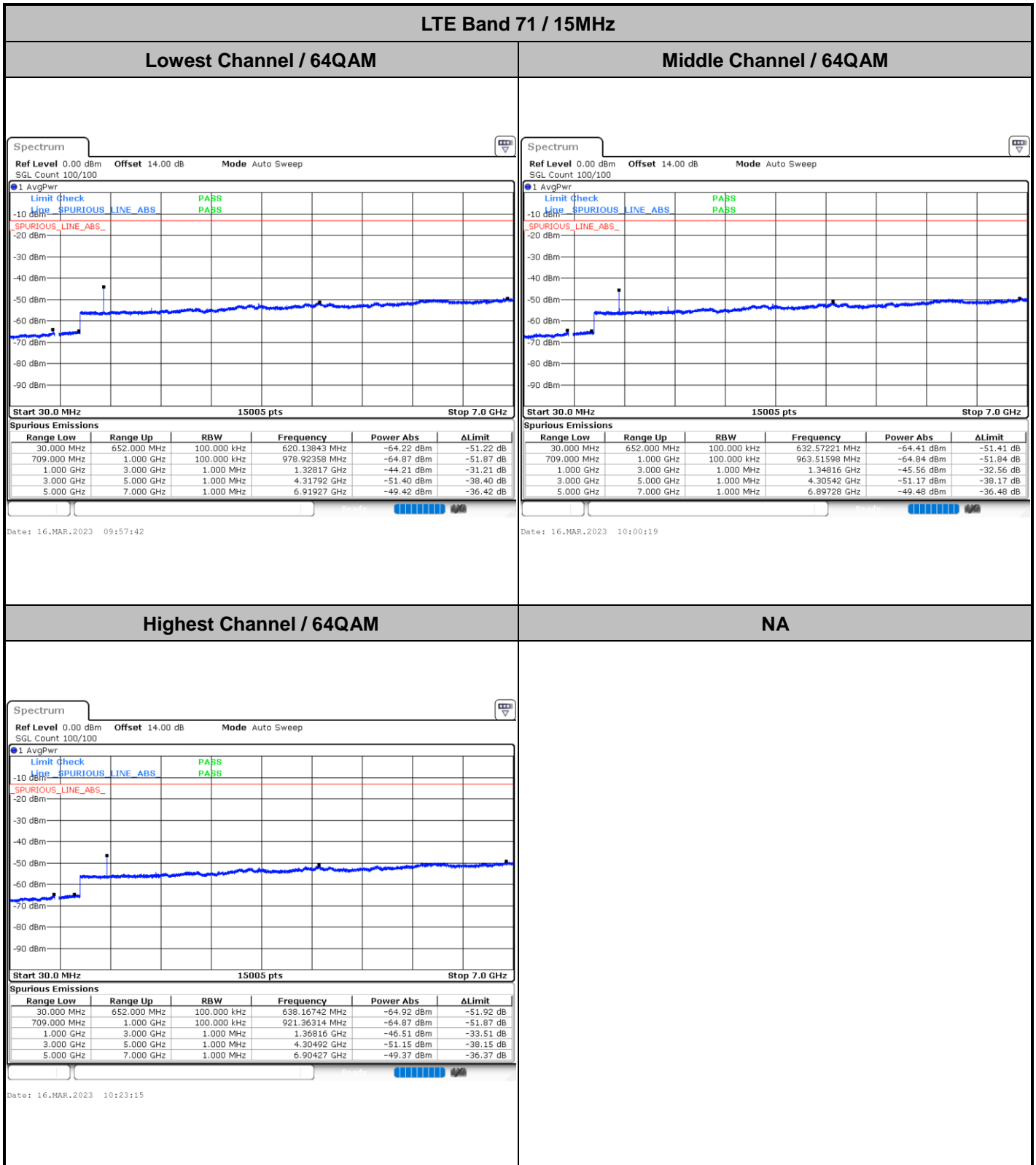
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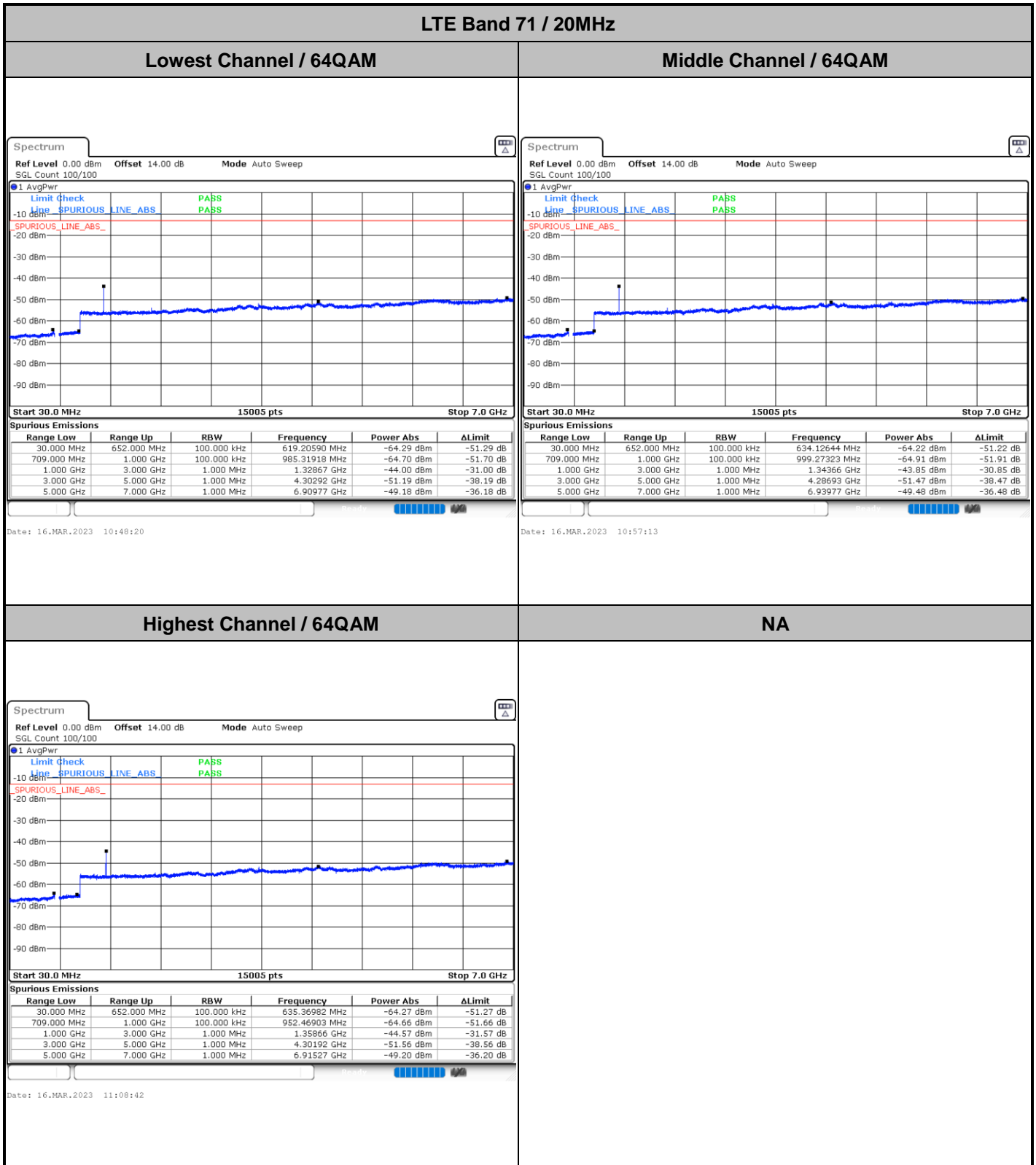
Highest Channel / 64QAM

NA



Date: 16.MAR.2023 09:04:18







Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0068	PASS
40	Normal Voltage	0.0055	
30	Normal Voltage	0.0056	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0082	
0	Normal Voltage	0.0049	
-10	Normal Voltage	0.0062	
20	Maximum Voltage	0.0037	
20	Normal Voltage	0.0023	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.135 V. ; Maximum Voltage =4.4V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Liangping Zhou	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 71 / 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	1343	-64.60	-13	-51.60	-74.08	-67.85	4.00	9.40	H
	2014.5	-64.57	-13	-51.57	-74.10	-68.14	4.88	10.60	H
	2686	-61.55	-13	-48.55	-75.51	-66.48	5.52	12.60	H
	1343	-65.32	-13	-52.32	-74.75	-68.57	4.00	9.40	V
	2014.5	-64.86	-13	-51.86	-74.81	-68.43	4.88	10.60	V
	2686	-61.44	-13	-48.44	-75.70	-66.37	5.52	12.60	V

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