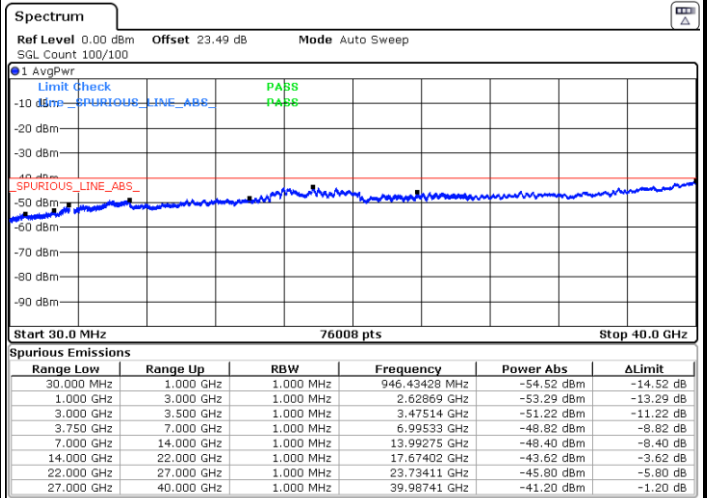
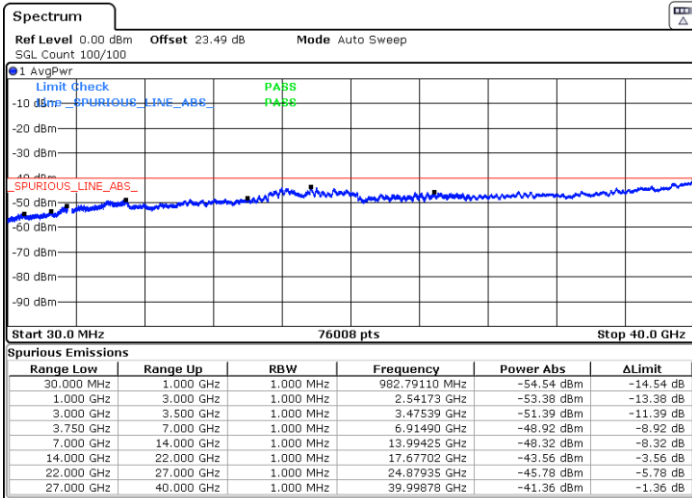




FR1 Part 96 N48 / 40MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB1

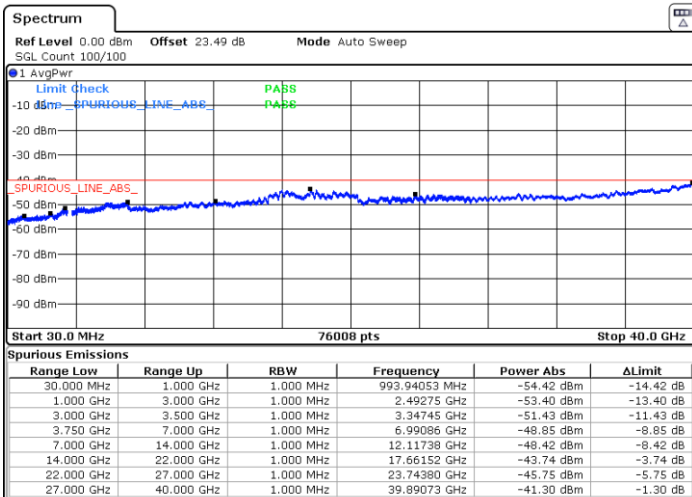
Middle Channel / 1RB1



Date: 26.JUN.2022 00:12:25

Date: 26.JUN.2022 00:09:40

Highest Channel / 1RB1



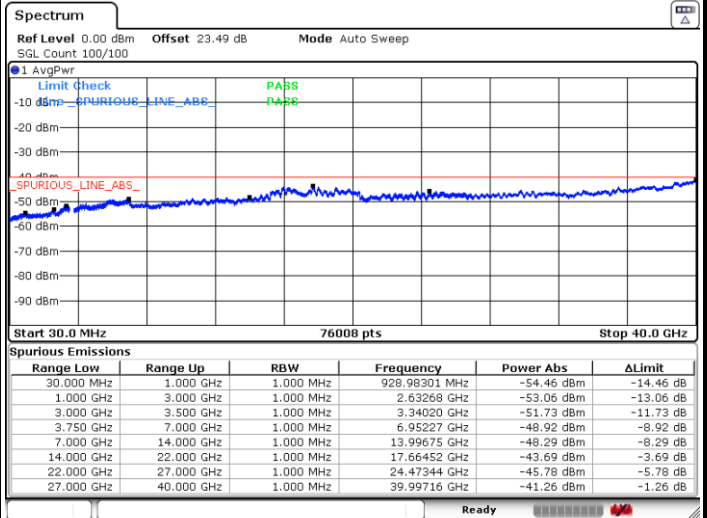
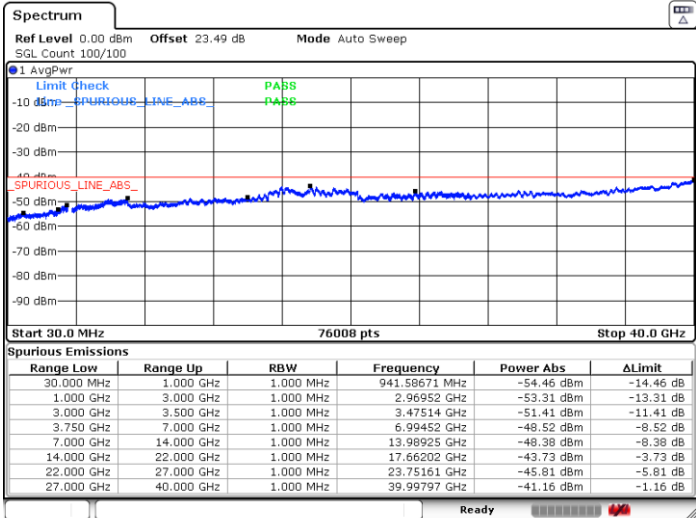
Date: 26.JUN.2022 00:15:04



FR1 Part 96 N48 / 40MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

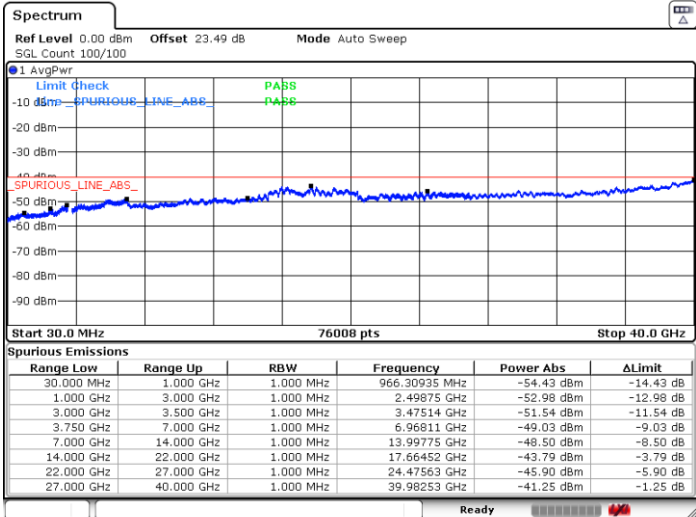
Middle Channel / 1RB1



Date: 26. JUN. 2022 00:13:39

Date: 26. JUN. 2022 00:10:55

Highest Channel / 1RB1



Date: 26. JUN. 2022 00:16:29



Frequency Stability

Test Conditions		FR1 n48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0035	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0031	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0053	
20	Normal Voltage	0.0031	
20	Battery End Point	0.0029	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.45V.
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%

n48 SA / NR 40MHz / QPSK / ANT3(NR)								
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	7104	-55.73	-40	-15.73	-67.19	2.84	14.30	H
	10656	-57.67	-40	-17.67	-67.61	3.49	13.43	H
	14220	-59.48	-40	-19.48	-69.72	3.85	14.09	H
	7104	-57.21	-40	-17.21	-68.67	2.84	14.30	V
	10656	-60.54	-40	-20.54	-70.48	3.49	13.43	V
	14220	-58.83	-40	-18.83	-69.07	3.85	14.09	V
Middle	7214	-55.06	-40	-15.06	-66.52	2.84	14.30	H
	10820	-53.82	-40	-13.82	-63.76	3.49	13.43	H
	14430	-59.68	-40	-19.68	-69.92	3.85	14.09	H
	7214	-54.78	-40	-14.78	-66.24	2.84	14.30	V
	10820	-57.51	-40	-17.51	-67.45	3.49	13.43	V
	14430	-59.67	-40	-19.67	-69.91	3.85	14.09	V
Highest	7320	-53.13	-40	-13.13	-64.59	2.84	14.30	H
	10995	-56.29	-40	-16.29	-66.23	3.49	13.43	H
	14650	-60.63	-40	-20.63	-70.87	3.85	14.09	H
	7320	-53.04	-40	-13.04	-64.50	2.84	14.30	V
	10995	-59.98	-40	-19.98	-69.92	3.49	13.43	V
	14650	-60.56	-40	-20.56	-70.80	3.85	14.09	V

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



EN-DC_5A_n48A / LTE 10MHz + NR 40MHz / QPSK / ANT0(LTE) & ANT3(NR)								
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	7104	-54.15	-40	-14.15	-65.61	2.84	14.30	H
	10656	-55.04	-40	-15.04	-64.98	3.49	13.43	H
	14220	-59.26	-40	-19.26	-69.50	3.85	14.09	H
	7104	-59.86	-40	-19.86	-71.32	2.84	14.30	V
	10668	-61.95	-40	-21.95	-71.89	3.49	13.43	V
	14220	-59.29	-40	-19.29	-69.53	3.85	14.09	V
Middle	7216	-54.68	-40	-14.68	-66.14	2.84	14.30	H
	10825	-56.41	-40	-16.41	-66.35	3.49	13.43	H
	14430	-59.69	-40	-19.69	-69.93	3.85	14.09	H
	7216	-62.82	-40	-22.82	-74.28	2.84	14.30	V
	10825	-58.07	-40	-18.07	-68.01	3.49	13.43	V
	14430	-59.63	-40	-19.63	-69.87	3.85	14.09	V
Highest	7320	-51.33	-40	-11.33	-62.79	2.84	14.30	H
	10995	-56.57	-40	-16.57	-66.51	3.49	13.43	H
	14650	-60.38	-40	-20.38	-70.62	3.85	14.09	H
	7320	-58.59	-40	-18.59	-70.05	2.84	14.30	V
	10995	-61.24	-40	-21.24	-71.18	3.49	13.43	V
	14650	-60.31	-40	-20.31	-70.55	3.85	14.09	V

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