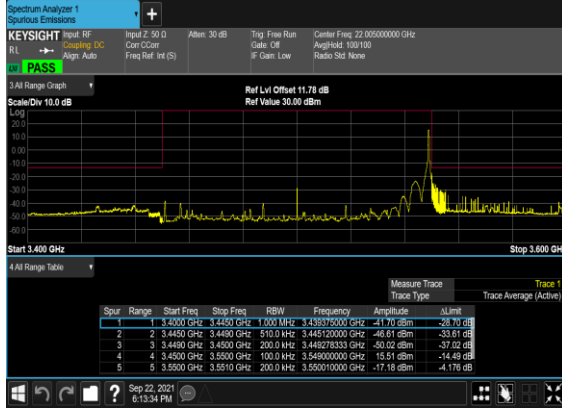
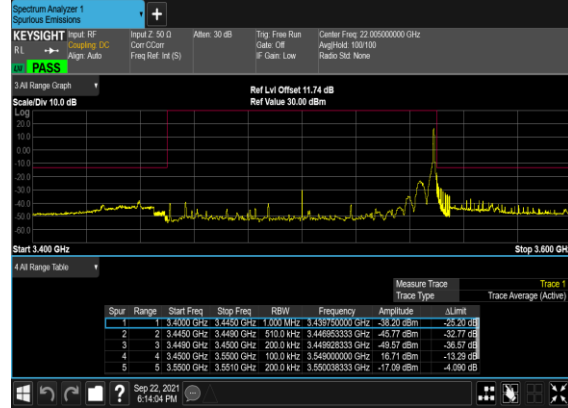


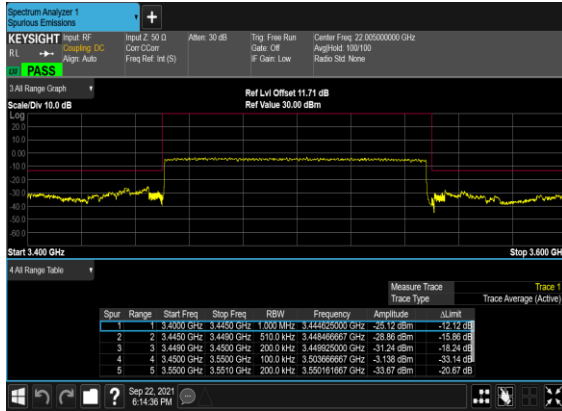
N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



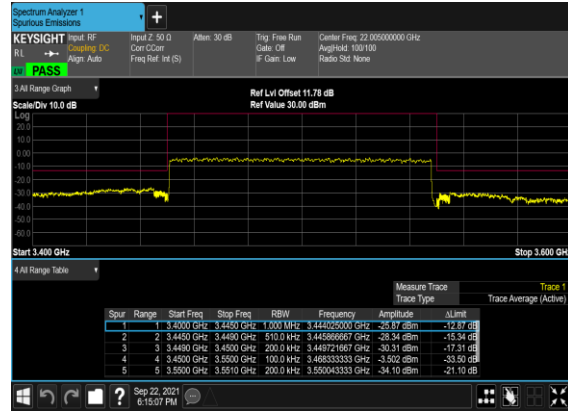
N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N78(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N78(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

5G NR n77_UL_MIMO / NR 100MHz / QPSK DFT-s-OFDM									
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	7582.90	-58.31	-13	-45.31	-55.18	-63.87	7.14	12.70	H
	11374.35	-52.36	-13	-39.36	-58.03	-55.66	8.30	11.60	H
	15165.80	-52.11	-13	-39.11	-57.29	-53.63	10.48	12.00	H
	7582.90	-58.55	-13	-45.55	-55.21	-64.11	7.14	12.70	V
	11374.35	-52.39	-13	-39.39	-57.86	-55.69	8.30	11.60	V
	15165.80	-52.11	-13	-39.11	-57.6	-53.63	10.48	12.00	V

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

5G NR n78 / NR 100MHz / QPSK DFT-s-OFDM									
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	7402.50	-57.85	-13	-44.85	-55.30	-63.41	7.14	12.70	H
	11103.75	-52.11	-13	-39.11	-56.53	-55.41	8.30	11.60	H
	14805.00	-50.93	-13	-37.93	-57.51	-52.45	10.48	12.00	H
	7402.50	-57.68	-13	-44.68	-55.18	-63.24	7.14	12.70	V
	11103.75	-52.45	-13	-39.45	-56.57	-55.75	8.30	11.60	V
	14805.00	-50.69	-13	-37.69	-57.46	-52.21	10.48	12.00	V

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



EN-DC_2A_n77A / LTE 20MHz + NR 100MHz / QPSK DFT-s-OFDM									
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)
NR n77 Middle	7071.48	-55.05	-13	-42.05	-79.47	-60.61	7.14	12.70	H
	10607.22	-49.80	-13	-36.80	-79.93	-53.10	8.30	11.60	H
	14142.96	-45.36	-13	-32.36	-78.97	-46.88	10.48	12.00	H
	7071.48	-54.48	-13	-41.48	-79.32	-60.04	7.14	12.70	V
	10607.22	-50.42	-13	-37.42	-80.07	-53.72	8.30	11.60	V
	14142.96	-44.96	-13	-31.96	-78.16	-46.48	10.48	12.00	V
LTE Band2 Middle	3742	-60.86	-13	-47.86	-77.55	-67.61	5.85	12.60	H
	5613	-58.75	-13	-45.75	-78.46	-64.55	7.30	13.10	H
	7484	-54.32	-13	-41.32	-79.06	-57.47	8.35	11.50	H
	3742	-60.73	-13	-47.73	-77.34	-67.48	5.85	12.60	V
	5613	-58.89	-13	-45.89	-78.79	-64.69	7.30	13.10	V
	7484	-54.18	-13	-41.18	-78.91	-57.33	8.35	11.50	V

Remark:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.
2. For NSA mode of all 5G NR, we only choice the combination of the maximum power among all NSA combinations to test.