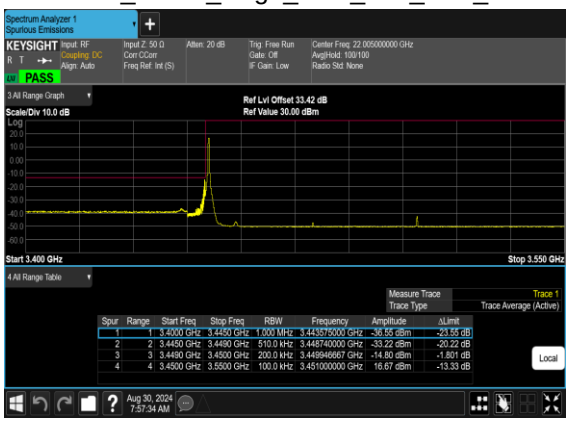
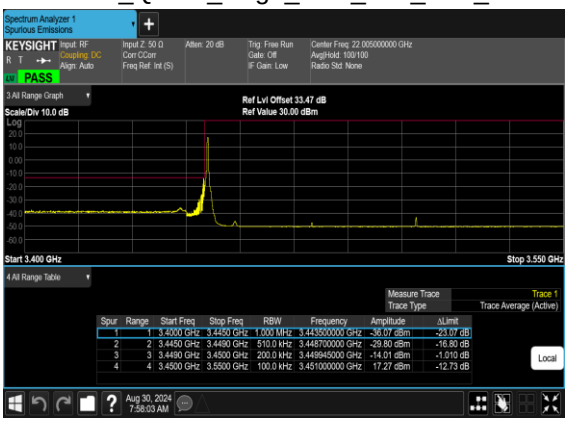
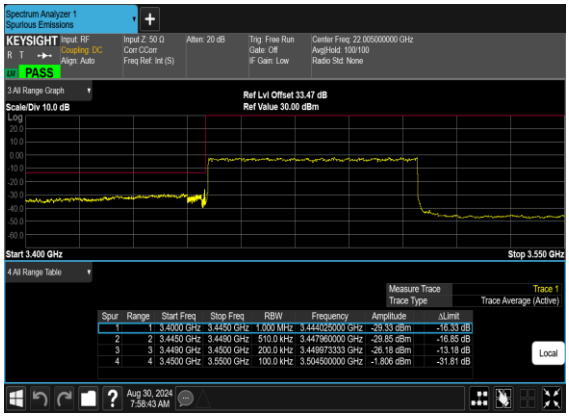
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



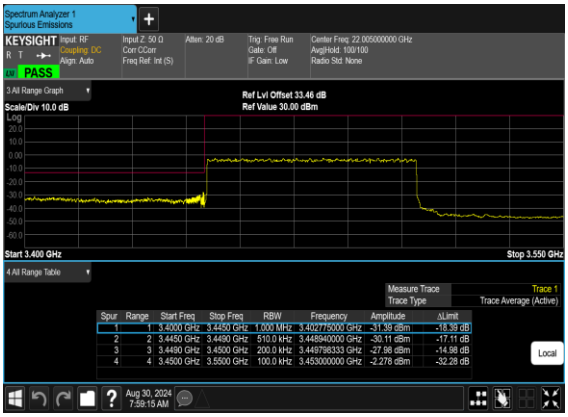
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



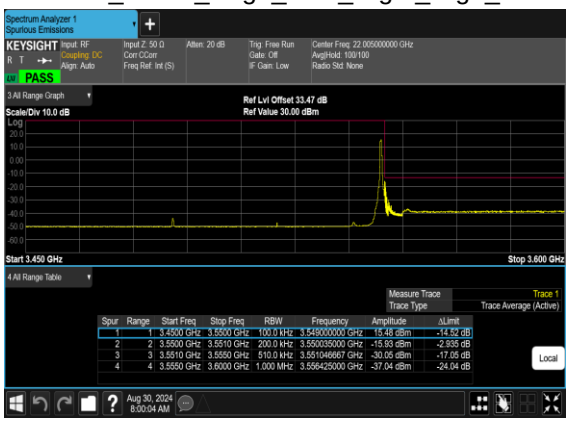
N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



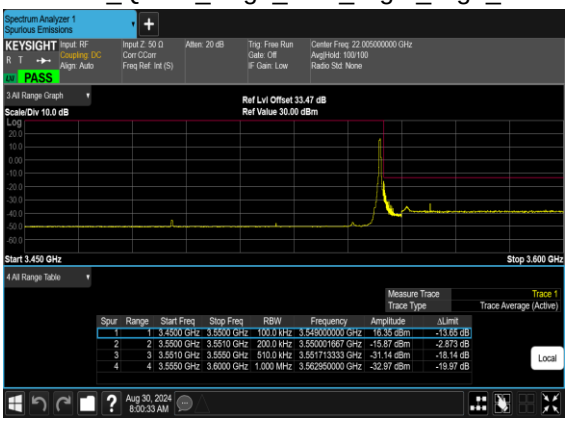
N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



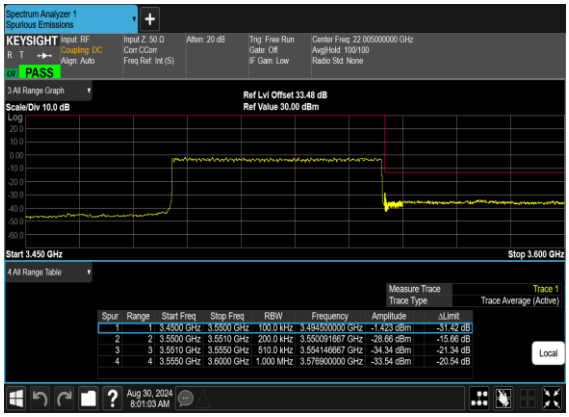
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

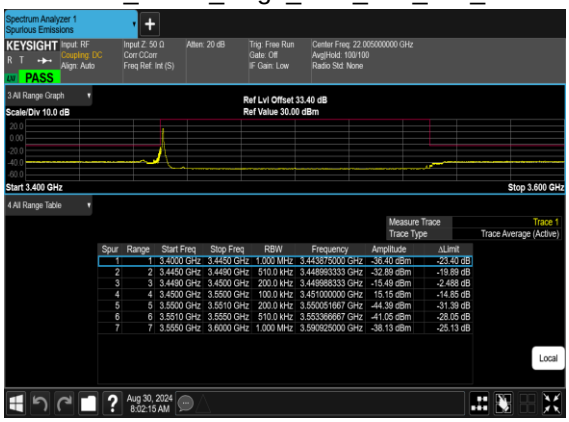


N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

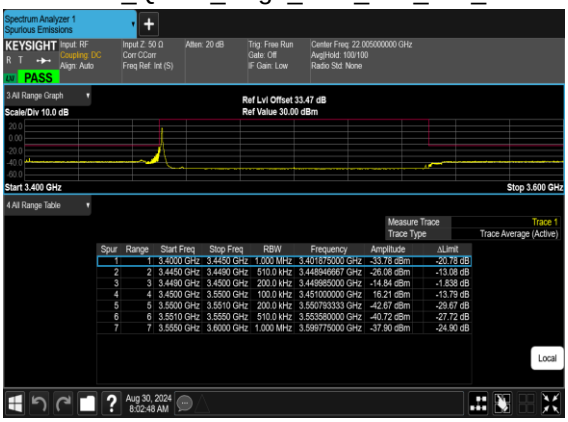


N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



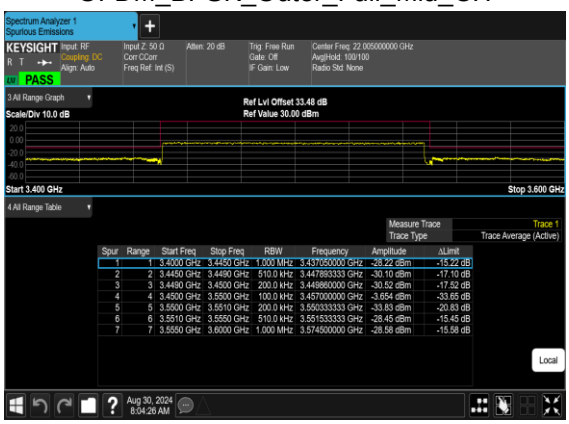
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



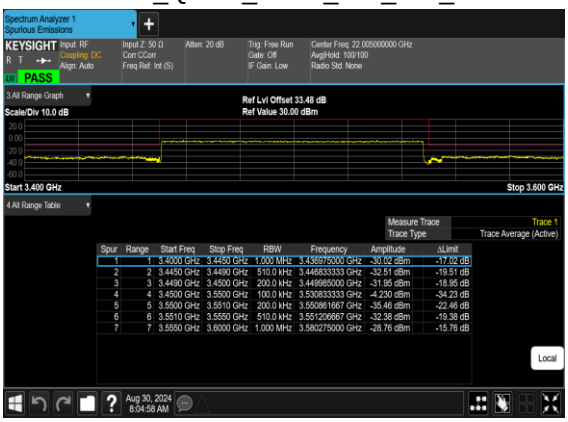
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH

N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH

N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carl Ni	Temperature :	22~25℃
		Relative Humidity :	48~52%

RSE pre-scanned harmonic for different antennas, choose the worst antenna perform final test and record in the report.

n77 SA / NR 100MHz / QPSK / ANT4								
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)
Middle	6912	-64.11	-13	-51.11	-74.32	3.03	13.24	H
	10356	-60.78	-13	-47.78	-70.23	3.56	13.01	H
	13800	-59.85	-13	-46.85	-69.37	3.92	13.44	H
	6910	-63.73	-13	-50.73	-73.94	3.03	13.24	V
	10365	-62.29	-13	-49.29	-71.74	3.56	13.01	V
	13824	-61.56	-13	-48.56	-71.08	3.92	13.44	V

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

EN-DC_2A_n77A / LTE 20MHz + NR 100MHz / QPSK / ANT5+4								
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)
Middle	6912	-64.75	-13	-51.75	-74.96	3.03	13.24	H
	10365	-62.02	-13	-49.02	-71.47	3.56	13.01	H
	13820	-61.85	-13	-48.85	-71.37	3.92	13.44	H
	6910	-64.54	-13	-51.54	-74.75	3.03	13.24	V
	10365	-62.27	-13	-49.27	-71.72	3.56	13.01	V
	13820	-59.89	-13	-46.89	-69.41	3.92	13.44	V

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

n78 SA / NR 100MHz / QPSK / ANT4								
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)
Middle	6910	-64.61	-13	-51.61	-74.82	3.03	13.24	H
	10365	-61.93	-13	-48.93	-71.38	3.56	13.01	H
	13800	-58.91	-13	-45.91	-68.43	3.92	13.44	H
	6912	-64.21	-13	-51.21	-74.42	3.03	13.24	V
	10365	-62.26	-13	-49.26	-71.71	3.56	13.01	V
	13820	-61.68	-13	-48.68	-71.20	3.92	13.44	V

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

EN-DC_2A_n78A / LTE 20MHz + NR 100MHz / QPSK / ANT5+4								
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)
Middle	6912	-64.49	-13	-51.49	-74.70	3.03	13.24	H
	10365	-62.30	-13	-49.30	-71.75	3.56	13.01	H
	13820	-58.83	-13	-45.83	-68.35	3.92	13.44	H
	6912	-64.60	-13	-51.60	-74.81	3.03	13.24	V
	10365	-62.11	-13	-49.11	-71.56	3.56	13.01	V
	13820	-61.72	-13	-48.72	-71.24	3.92	13.44	V

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

EN-DC_4A_n78A / LTE 20MHz + NR 100MHz / QPSK / ANT5+4								
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)
Middle	6912	-64.69	-13	-51.69	-74.90	3.03	13.24	H
	10365	-62.34	-13	-49.34	-71.79	3.56	13.01	H
	13820	-60.16	-13	-47.16	-69.68	3.92	13.44	H
	6910	-64.84	-13	-51.84	-75.05	3.03	13.24	V
	10365	-62.41	-13	-49.41	-71.86	3.56	13.01	V
	13820	-61.76	-13	-48.76	-71.28	3.92	13.44	V

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

EN-DC_5A_n78A / LTE 20MHz + NR 100MHz / QPSK / ANT0+4								
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)
Middle	6912	-65.61	-13	-52.61	-75.82	3.03	13.24	H
	10365	-61.90	-13	-48.90	-71.35	3.56	13.01	H
	13820	-62.38	-13	-49.38	-71.90	3.92	13.44	H
	6912	-64.35	-13	-51.35	-74.56	3.03	13.24	V
	10365	-61.88	-13	-48.88	-71.33	3.56	13.01	V
	13820	-61.46	-13	-48.46	-70.98	3.92	13.44	V

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

EN-DC_7A_n78A / LTE 20MHz + NR 100MHz / QPSK / ANT5+4								
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)
Middle	6912	-64.19	-13	-51.19	-74.40	3.03	13.24	H
	10365	-61.78	-13	-48.78	-71.23	3.56	13.01	H
	13820	-58.69	-13	-45.69	-68.21	3.92	13.44	H
	6910	-64.36	-13	-51.36	-74.57	3.03	13.24	V
	10365	-62.39	-13	-49.39	-71.84	3.56	13.01	V
	13820	-61.92	-13	-48.92	-71.44	3.92	13.44	V

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

EN-DC_26A_n78A / LTE 20MHz + NR 100MHz / QPSK / ANT0+4								
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)
Middle	6910	-65.00	-13	-52.00	-75.21	3.03	13.24	H
	10365	-62.57	-13	-49.57	-72.02	3.56	13.01	H
	13820	-60.04	-13	-47.04	-69.56	3.92	13.44	H
	6912	-64.99	-13	-51.99	-75.20	3.03	13.24	V
	10365	-62.70	-13	-49.70	-72.15	3.56	13.01	V
	13820	-62.04	-13	-49.04	-71.56	3.92	13.44	V

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

EN-DC_38A_n78A / LTE 20MHz + NR 100MHz / QPSK / ANT5+4								
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)
Middle	6910	-64.66	-13	-51.66	-74.87	3.03	13.24	H
	10365	-61.77	-13	-48.77	-71.22	3.56	13.01	H
	13820	-56.96	-13	-43.96	-66.48	3.92	13.44	H
	6910	-64.47	-13	-51.47	-74.68	3.03	13.24	V
	10365	-62.23	-13	-49.23	-71.68	3.56	13.01	V
	13820	-61.57	-13	-48.57	-71.09	3.92	13.44	V

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

EN-DC_41A_n78A / LTE 20MHz + NR 100MHz / QPSK / ANT5+4								
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)
Middle	6912	-64.52	-13	-51.52	-74.73	3.03	13.24	H
	10365	-62.59	-13	-49.59	-72.04	3.56	13.01	H
	13820	-57.18	-13	-44.18	-66.70	3.92	13.44	H
	6910	-65.14	-13	-52.14	-75.35	3.03	13.24	V
	10365	-62.75	-13	-49.75	-72.20	3.56	13.01	V
	13820	-59.69	-13	-46.69	-69.21	3.92	13.44	V

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

EN-DC_66A_n78A / LTE 20MHz + NR 100MHz / QPSK / ANT5+4								
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)
Middle	6912	-64.96	-13	-51.96	-75.17	3.03	13.24	H
	10365	-62.34	-13	-49.34	-71.79	3.56	13.01	H
	13820	-58.85	-13	-45.85	-68.37	3.92	13.44	H
	6910	-65.01	-13	-52.01	-75.22	3.03	13.24	V
	10365	-62.76	-13	-49.76	-72.21	3.56	13.01	V
	13824	-59.66	-13	-46.66	-69.18	3.92	13.44	V

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