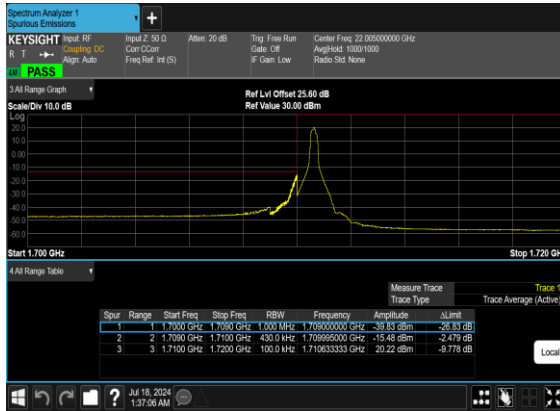
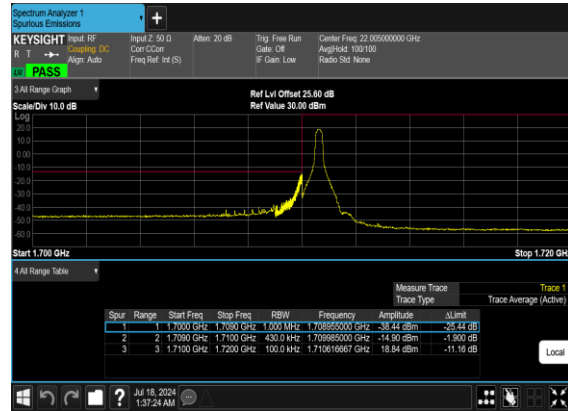




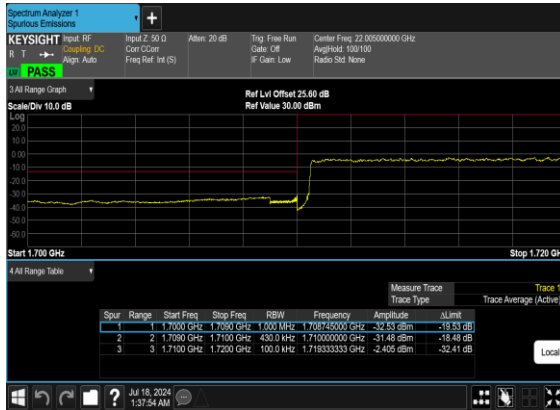
N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



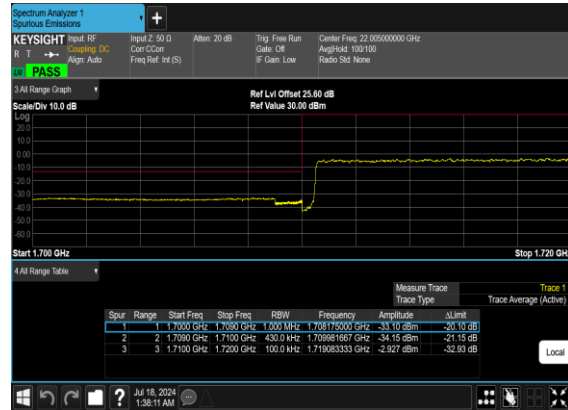
N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

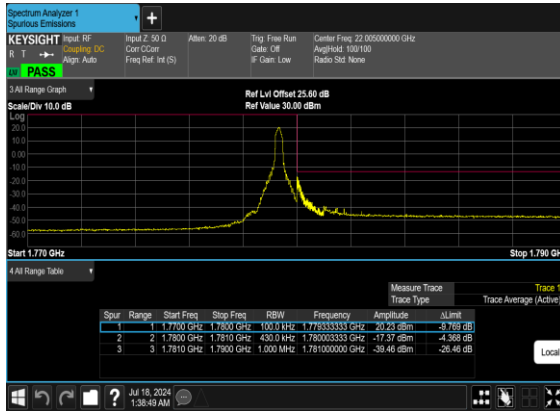


N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

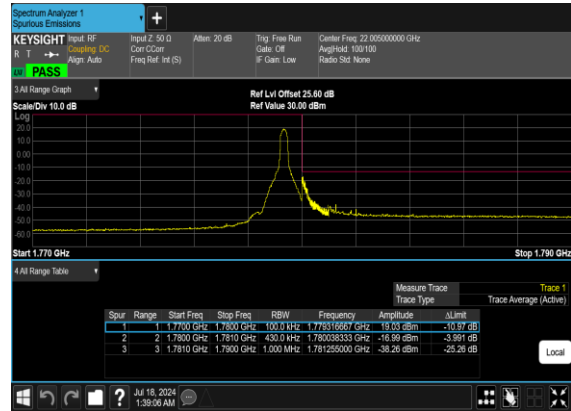




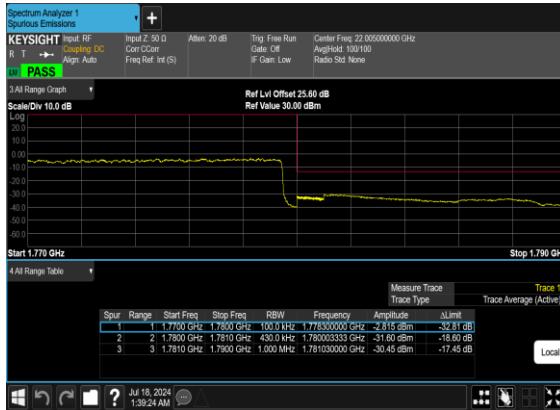
N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N66(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Bruce	Temperature :	23~25°C
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

n2 SA / NR 20MHz / QPSK(ANT2)								
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	3705	-55.10	-13	-42.10	-67.36	2.64	14.90	H
	5550	-55.23	-13	-42.23	-67.09	2.94	14.80	H
	7410	-53.75	-13	-40.75	-63.52	3.39	13.16	H
	3705	-55.16	-13	-42.16	-67.42	2.64	14.90	V
	5550	-55.17	-13	-42.17	-67.03	2.94	14.80	V
	7410	-53.72	-13	-40.72	-63.49	3.39	13.16	V
Middle	3735	-55.77	-13	-42.77	-68.03	2.64	14.90	H
	5610	-54.45	-13	-41.45	-66.31	2.94	14.80	H
	7485	-53.18	-13	-40.18	-62.95	3.39	13.16	H
	3735	-55.51	-13	-42.51	-67.77	2.64	14.90	V
	5610	-54.46	-13	-41.46	-66.32	2.94	14.80	V
	7485	-53.24	-13	-40.24	-63.01	3.39	13.16	V
Highest	3780	-56.39	-13	-43.39	-68.65	2.64	14.90	H
	5670	-55.38	-13	-42.38	-67.24	2.94	14.80	H
	7560	-52.58	-13	-39.58	-62.35	3.39	13.16	H
	3780	-56.69	-13	-43.69	-68.95	2.64	14.90	V
	5670	-54.39	-13	-41.39	-66.25	2.94	14.80	V
	7560	-53.07	-13	-40.07	-62.84	3.39	13.16	V

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



EN-DC_7A_n2A / LTE 10MHz + NR 20MHz / QPSK (ANT0+2)								
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	3705	-56.30	-13	-43.30	-68.56	2.64	14.90	H
	5550	-55.31	-13	-42.31	-67.17	2.94	14.80	H
	7410	-54.76	-13	-41.76	-64.53	3.39	13.16	H
	3705	-56.42	-13	-43.42	-68.68	2.64	14.90	V
	5550	-55.87	-13	-42.87	-67.73	2.94	14.80	V
	7410	-54.77	-13	-41.77	-64.54	3.39	13.16	V
Middle	3735	-56.90	-13	-43.90	-69.16	2.64	14.90	H
	5610	-55.15	-13	-42.15	-67.01	2.94	14.80	H
	7485	-54.42	-13	-41.42	-64.19	3.39	13.16	H
	3735	-56.16	-13	-43.16	-68.42	2.64	14.90	V
	5610	-55.66	-13	-42.66	-67.52	2.94	14.80	V
	7485	-54.63	-13	-41.63	-64.40	3.39	13.16	V
Highest	3780	-56.59	-13	-43.59	-68.85	2.64	14.90	H
	5670	-55.93	-13	-42.93	-67.79	2.94	14.80	H
	7560	-54.13	-13	-41.13	-63.90	3.39	13.16	H
	3780	-56.04	-13	-43.04	-68.30	2.64	14.90	V
	5670	-55.98	-13	-42.98	-67.84	2.94	14.80	V
	7560	-54.41	-13	-41.41	-64.18	3.39	13.16	V

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

n26 SA / NR 20MHz / QPSK(ANT0)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1632	-66.14	-13	-53.14	-73.11	1.58	10.70	H
	2448	-60.98	-13	-47.98	-69.23	2.102	12.50	H
	3264	-60.52	-13	-47.52	-69.41	2.856	13.90	H
	1632	-65.78	-13	-52.78	-72.75	1.58	10.70	V
	2448	-60.08	-13	-47.08	-68.33	2.10	12.50	V
	3264	-60.90	-13	-47.90	-69.79	2.86	13.90	V
Middle	1648	-66.29	-13	-53.29	-73.26	1.58	10.70	H
	2464	-61.18	-13	-48.18	-69.43	2.102	12.50	H
	3288	-61.33	-13	-48.33	-70.22	2.856	13.90	H
	1648	-65.57	-13	-52.57	-72.54	1.58	10.70	V
	2464	-59.80	-13	-46.80	-68.05	2.10	12.50	V
	3288	-60.93	-13	-47.93	-69.82	2.86	13.90	V
Highest	1664	-65.86	-13	-52.86	-72.83	1.58	10.70	H
	2488	-62.06	-13	-49.06	-70.31	2.102	12.50	H
	3320	-60.88	-13	-47.88	-69.77	2.856	13.90	H
	1664	-64.64	-13	-51.64	-71.61	1.58	10.70	V
	2488	-60.18	-13	-47.18	-68.43	2.10	12.50	V
	3320	-61.31	-13	-48.31	-70.20	2.86	13.90	V

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



EN-DC_7A_n5A / LTE 10MHz + NR 20MHz / QPSK (ANT4+0)								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-66.40	-13	-53.40	-73.37	1.58	10.70	H
	2472	-62.07	-13	-49.07	-70.32	2.10	12.50	H
	3304	-61.53	-13	-48.53	-70.42	2.86	13.90	H
	1648	-65.59	-13	-52.59	-72.56	1.58	10.70	V
	2472	-60.19	-13	-47.19	-68.44	2.10	12.50	V
	3304	-61.34	-13	-48.34	-70.23	2.86	13.90	V
Middle	1656	-66.37	-13	-53.37	-73.34	1.58	10.70	H
	2480	-62.39	-13	-49.39	-70.64	2.10	12.50	H
	3312	-61.78	-13	-48.78	-70.67	2.86	13.90	H
	1656	-64.95	-13	-51.95	-71.92	1.58	10.70	V
	2480	-60.27	-13	-47.27	-68.52	2.10	12.50	V
	3312	-61.65	-13	-48.65	-70.54	2.86	13.90	V
Highest	1664	-65.24	-13	-52.24	-72.21	1.58	10.70	H
	2488	-61.39	-13	-48.39	-69.64	2.10	12.50	H
	3320	-61.23	-13	-48.23	-70.12	2.86	13.90	H
	1664	-64.70	-13	-51.70	-71.67	1.58	10.70	V
	2488	-60.21	-13	-47.21	-68.46	2.10	12.50	V
	3320	-61.07	-13	-48.07	-69.96	2.86	13.90	V

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

N66 SA / NR40MHz / QPSK(ANT2)								
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	3420	-58.43	-13	-45.43	-69.17	2.604	13.34	H
	5130	-54.19	-13	-41.19	-64.70	3.011	13.52	H
	6855	-54.17	-13	-41.17	-64.37	3.271	13.47	H
	3420	-58.50	-13	-45.50	-69.24	2.604	13.34	V
	5130	-54.47	-13	-41.47	-64.98	3.011	13.52	V
	6855	-54.59	-13	-41.59	-64.79	3.271	13.47	V
Middle	3450	-57.73	-13	-44.73	-68.47	2.604	13.34	H
	5175	-53.94	-13	-40.94	-64.45	3.011	13.52	H
	6915	-54.63	-13	-41.63	-64.83	3.271	13.47	H
	3450	-48.23	-13	-35.23	-58.97	2.604	13.34	V
	5175	-53.63	-13	-40.63	-64.14	3.011	13.52	V
	6915	-54.46	-13	-41.46	-64.66	3.271	13.47	V
Highest	3480	-58.76	-13	-45.76	-69.50	2.604	13.34	H
	5220	-53.78	-13	-40.78	-64.29	3.011	13.52	H
	6975	-54.30	-13	-41.30	-64.50	3.271	13.47	H
	3480	-58.85	-13	-45.85	-69.59	2.604	13.34	V
	5220	-53.77	-13	-40.77	-64.28	3.011	13.52	V
	6975	-53.92	-13	-40.92	-64.12	3.271	13.47	V

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



EN-DC_7A_n66A / LTE 10MHz + NR 40MHz / QPSK (ANT3+2)								
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	3420	-58.53	-13	-45.53	-69.27	2.604	13.34	H
	5130	-54.27	-13	-41.27	-64.78	3.011	13.52	H
	6855	-54.64	-13	-41.64	-64.84	3.271	13.47	H
	3420	-58.86	-13	-45.86	-69.60	2.604	13.34	V
	5130	-54.43	-13	-41.43	-64.94	3.011	13.52	V
	6855	-54.65	-13	-41.65	-64.85	3.271	13.47	V
Middle	3450	-58.08	-13	-45.08	-68.82	2.604	13.34	H
	5175	-53.93	-13	-40.93	-64.44	3.011	13.52	H
	6915	-54.64	-13	-41.64	-64.84	3.271	13.47	H
	3450	-58.21	-13	-45.21	-68.95	2.604	13.34	V
	5175	-53.98	-13	-40.98	-64.49	3.011	13.52	V
	6915	-54.55	-13	-41.55	-64.75	3.271	13.47	V
Highest	3480	-58.17	-13	-45.17	-68.91	2.604	13.34	H
	5220	-53.89	-13	-40.89	-64.40	3.011	13.52	H
	6975	-54.35	-13	-41.35	-64.55	3.271	13.47	H
	3480	-58.58	-13	-45.58	-69.32	2.604	13.34	V
	5220	-54.01	-13	-41.01	-64.52	3.011	13.52	V
	6975	-54.34	-13	-41.34	-64.54	3.271	13.47	V

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

n26 SA / NR 20MHz / QPSK(ANT1)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1632	-65.58	-13	-52.58	-72.55	1.58	10.70	H
	2448	-61.33	-13	-48.33	-69.58	2.102	12.50	H
	3256	-60.40	-13	-47.40	-69.29	2.856	13.90	H
	1632	-64.78	-13	-51.78	-71.75	1.58	10.70	V
	2448	-59.99	-13	-46.99	-68.24	2.10	12.50	V
	3256	-59.51	-13	-46.51	-68.40	2.86	13.90	V
Middle	1648	-66.28	-13	-53.28	-73.25	1.58	10.70	H
	2464	-61.29	-13	-48.29	-69.54	2.102	12.50	H
	3288	-60.45	-13	-47.45	-69.34	2.856	13.90	H
	1648	-65.18	-13	-52.18	-72.15	1.58	10.70	V
	2464	-59.57	-13	-46.57	-67.82	2.10	12.50	V
	3288	-60.57	-13	-47.57	-69.46	2.86	13.90	V
Highest	1656	-65.64	-13	-52.64	-72.61	1.58	10.70	H
	2488	-61.35	-13	-48.35	-69.60	2.102	12.50	H
	3320	-60.84	-13	-47.84	-69.73	2.856	13.90	H
	1656	-64.23	-13	-51.23	-71.20	1.58	10.70	V
	2488	-58.95	-13	-45.95	-67.20	2.10	12.50	V
	3320	-60.15	-13	-47.15	-69.04	2.86	13.90	V

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



EN-DC_7A_n5A / LTE 10MHz + NR 20MHz / QPSK (ANT2+1)								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-66.35	-13	-53.35	-73.32	1.58	10.70	H
	2472	-61.78	-13	-48.78	-70.03	2.10	12.50	H
	3304	-61.22	-13	-48.22	-70.11	2.86	13.90	H
	1648	-65.13	-13	-52.13	-72.10	1.58	10.70	V
	2472	-59.20	-13	-46.20	-67.45	2.10	12.50	V
	3304	-61.11	-13	-48.11	-70.00	2.86	13.90	V
Middle	1656	-65.96	-13	-52.96	-72.93	1.58	10.70	H
	2480	-62.07	-13	-49.07	-70.32	2.10	12.50	H
	3312	-61.45	-13	-48.45	-70.34	2.86	13.90	H
	1656	-65.00	-13	-52.00	-71.97	1.58	10.70	V
	2480	-60.15	-13	-47.15	-68.40	2.10	12.50	V
	3312	-61.36	-13	-48.36	-70.25	2.86	13.90	V
Highest	1664	-65.25	-13	-52.25	-72.22	1.58	10.70	H
	2488	-61.69	-13	-48.69	-69.94	2.10	12.50	H
	3320	-60.85	-13	-47.85	-69.74	2.86	13.90	H
	1664	-64.16	-13	-51.16	-71.13	1.58	10.70	V
	2488	-60.09	-13	-47.09	-68.34	2.10	12.50	V
	3320	-61.14	-13	-48.14	-70.03	2.86	13.90	V

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