



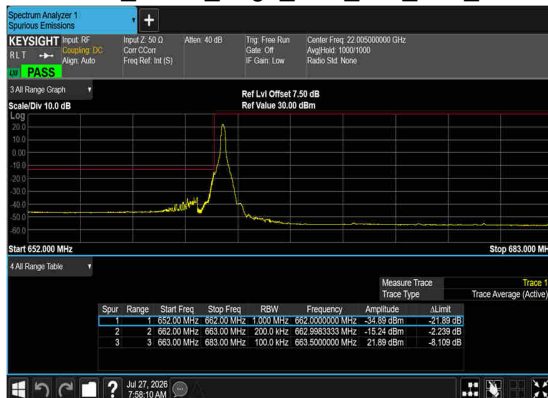
N71(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



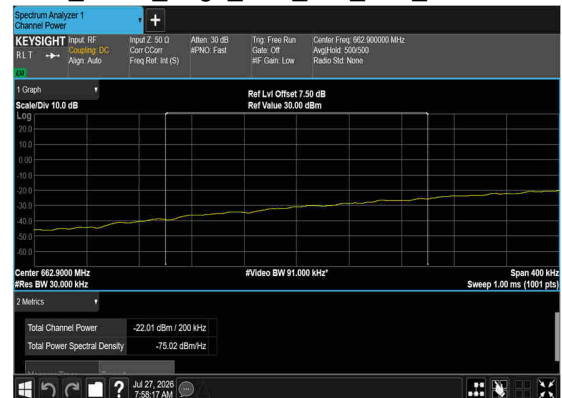
N71(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

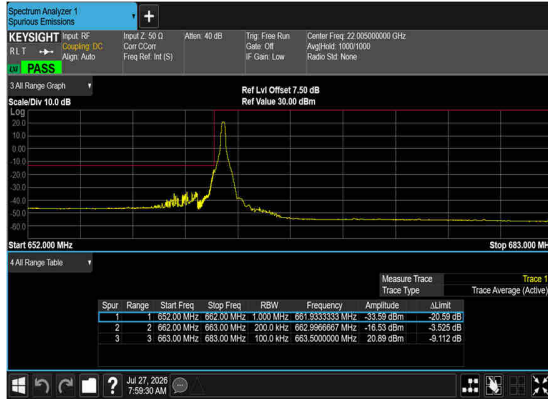


N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS





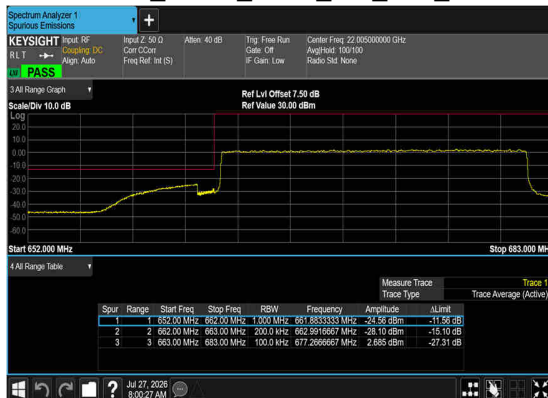
N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



N71(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

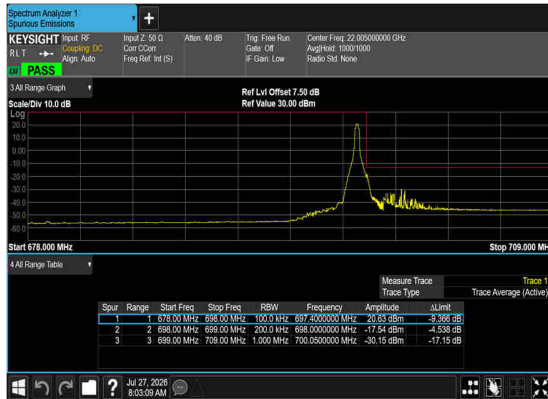


N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH





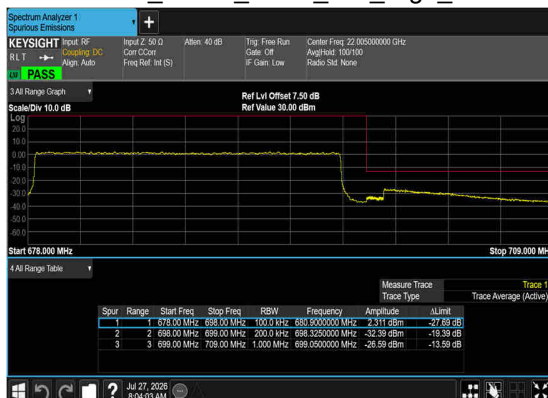
N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N71(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N71(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

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

n12 SA / NR 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1399	-64.39	-13	-51.39	-72.48	-67.62	3.98	9.36	H
	2098.5	-64.66	-13	-51.66	-74.88	-68.21	4.85	10.55	H
	2798	-62.21	-13	-49.21	-75.11	-67.14	5.50	12.58	H
	1399	-61.87	-13	-48.87	-69.86	-65.10	3.98	9.36	V
	2098.5	-64.45	-13	-51.45	-74.90	-68.00	4.85	10.55	V
	2798	-62.47	-13	-49.47	-75.30	-67.40	5.50	12.58	V

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

DC_ 48A _n12A / NR 15MHz + LTE 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1399	-64.39	-13	-51.39	-72.48	-67.62	3.98	9.36	H
	2098.5	-64.66	-13	-51.66	-74.88	-68.21	4.85	10.55	H
	2798	-62.21	-13	-49.21	-75.11	-67.14	5.50	12.58	H
	1399	-61.87	-13	-48.87	-69.86	-65.10	3.98	9.36	V
	2098.5	-64.45	-13	-51.45	-74.90	-68.00	4.85	10.55	V
	2798	-62.47	-13	-49.47	-75.30	-67.40	5.50	12.58	V

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



n13 SA / NR 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (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	1562	-64.90	-42.15	-22.75	-75.27	-68.15	4.00	9.40	H
	2343	-62.49	-13	-49.49	-77.64	-66.06	4.88	10.60	H
	3124	-60.53	-13	-47.53	-77.87	-65.46	5.52	12.60	H
	1562	-64.04	-42.15	-21.89	-74.49	-67.29	4.00	9.40	V
	2343	-61.80	-13	-48.80	-76.95	-65.37	4.88	10.60	V
	3124	-60.61	-13	-47.61	-77.99	-65.54	5.52	12.60	V

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

N66 SA / NR 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	3447	-57.55	-13	-44.55	-71.39	-64.40	5.65	12.50	H
	5170.5	-59.34	-13	-46.34	-78.32	-65.01	7.13	12.80	H
	6894	-58.80	-13	-45.80	-62.84	-62.20	8.40	11.80	H
	3447	-60.17	-13	-47.17	-74.03	-67.02	5.65	12.50	V
	5170.5	-60.08	-13	-47.08	-78.74	-65.75	7.13	12.80	V
	6894	-58.34	-13	-45.34	-62.72	-61.74	8.40	11.80	V

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

DC_48A_n66A / NR 20MHz + LTE 10MHz / 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	3447	-57.55	-13	-44.55	-71.39	-64.40	5.65	12.50	H
	5170.5	-59.34	-13	-46.34	-78.32	-65.01	7.13	12.80	H
	6894	-58.80	-13	-45.80	-62.84	-62.20	8.40	11.80	H
	3447	-60.17	-13	-47.17	-74.03	-67.02	5.65	12.50	V
	5170.5	-60.08	-13	-47.08	-78.74	-65.75	7.13	12.80	V
	6894	-58.34	-13	-45.34	-62.72	-61.74	8.40	11.80	V

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



N70 SA / NR 15MHz / 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	3391	-53.64	-13	-40.64	-70.40	-60.49	5.65	12.50	H
	5086.5	-55.22	-13	-42.22	-78.18	-60.89	7.13	12.80	H
	6782	-52.77	-13	-39.77	-78.25	-56.17	8.40	11.80	H
	3391	-48.16	-13	-35.16	-65.04	-55.01	5.65	12.50	V
	5086.5	-50.08	-13	-37.08	-73.2	-55.75	7.13	12.80	V
	6782	-52.44	-13	-39.44	-78.46	-55.84	8.40	11.80	V

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

N71 SA / NR 20MHz / QPSK									
Channel	Frequency (MHz)	ERP (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	-65.98	-13	-52.98	-73.22	-69.23	4.00	9.40	H
	2014.5	-65.27	-13	-52.27	-74.58	-68.84	4.88	10.60	H
	2686	-63.03	-13	-50.03	-75.37	-67.96	5.52	12.60	H
	1343	-65.48	-13	-52.48	-72.65	-68.73	4.00	9.40	V
	2014.5	-64.74	-13	-51.74	-74.16	-68.31	4.88	10.60	V
	2686	-62.77	-13	-49.77	-74.99	-67.70	5.52	12.60	V

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

DC_48A_n71A / NR 20MHz + LTE 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (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	-65.98	-13	-52.98	-73.22	-69.23	4.00	9.40	H
	2014.5	-65.27	-13	-52.27	-74.58	-68.84	4.88	10.60	H
	2686	-63.03	-13	-50.03	-75.37	-67.96	5.52	12.60	H
	1343	-65.48	-13	-52.48	-72.65	-68.73	4.00	9.40	V
	2014.5	-64.74	-13	-51.74	-74.16	-68.31	4.88	10.60	V
	2686	-62.77	-13	-49.77	-74.99	-67.70	5.52	12.60	V

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