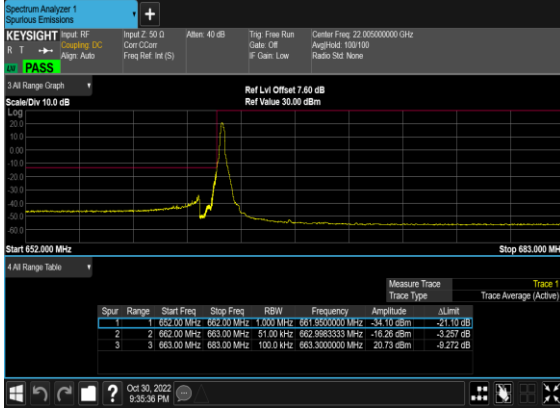
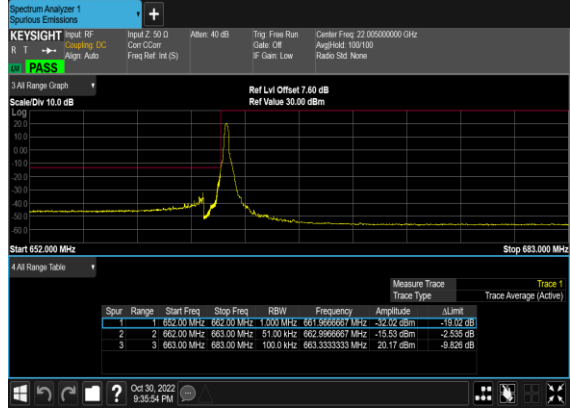


N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



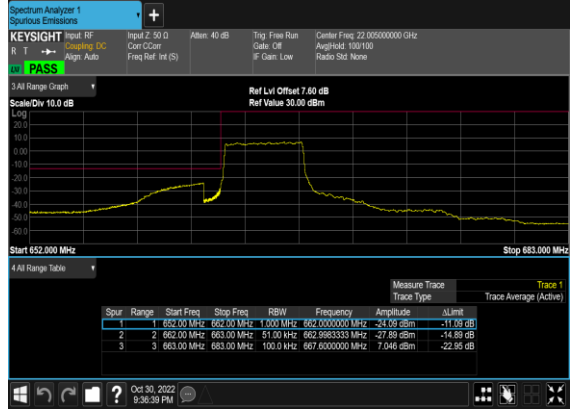
N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



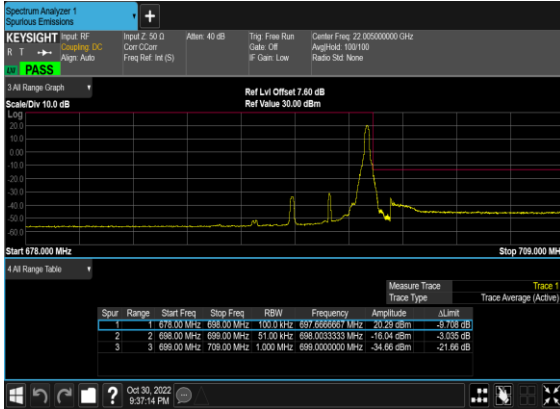
N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



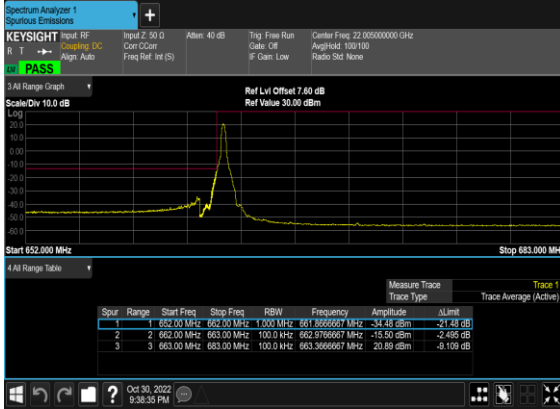
N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



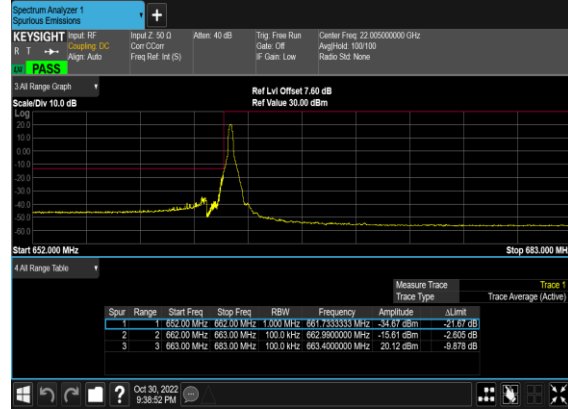
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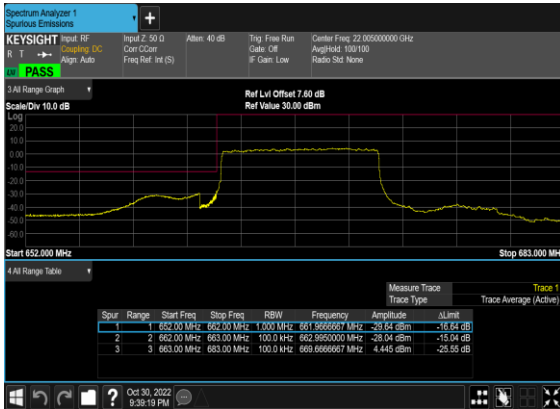
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



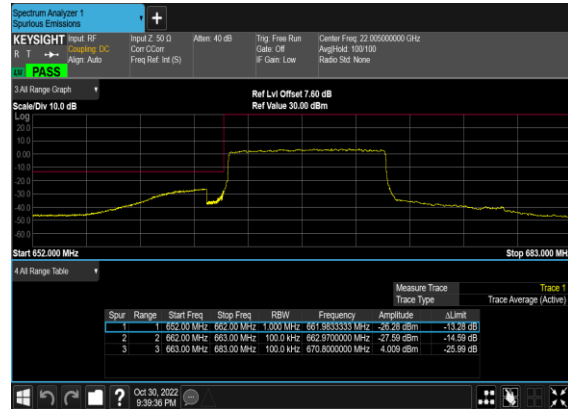
N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



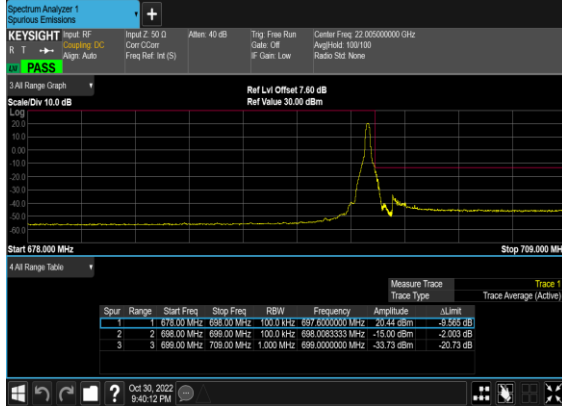
N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N71(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N71(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



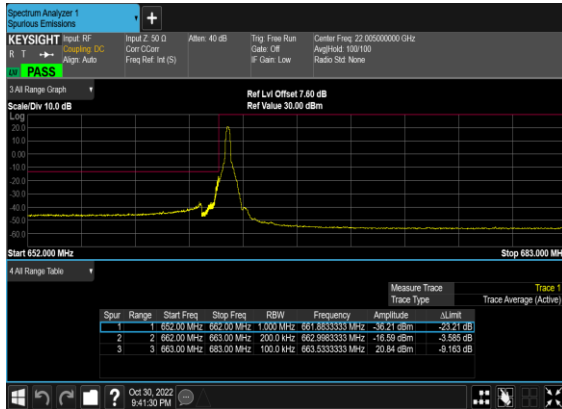
N71(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



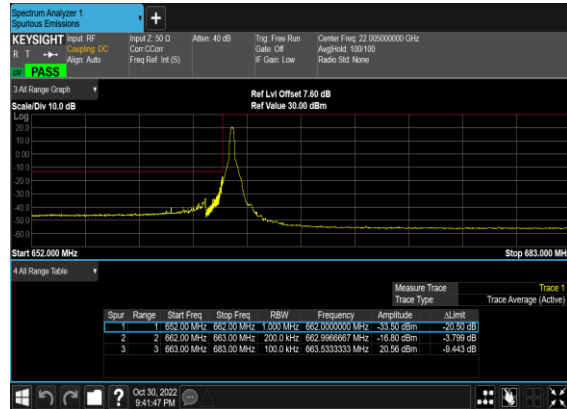
N71(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



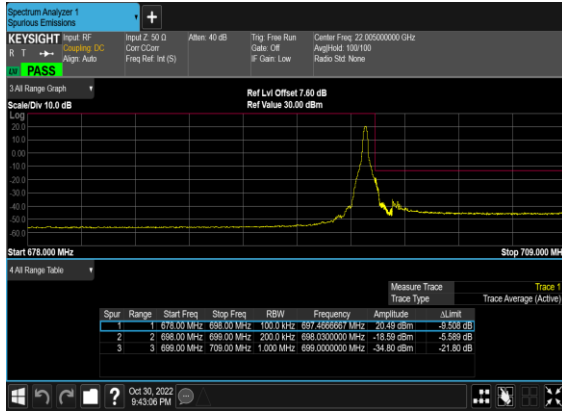
N71(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



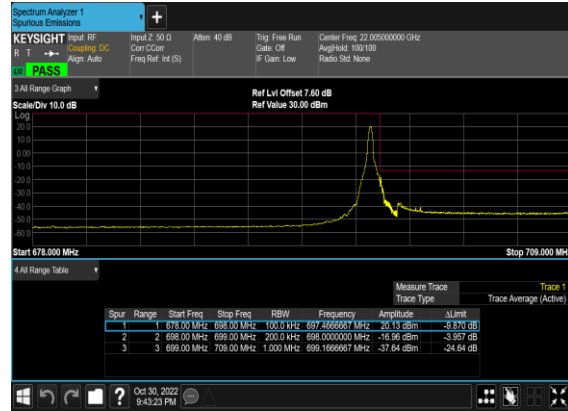
N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



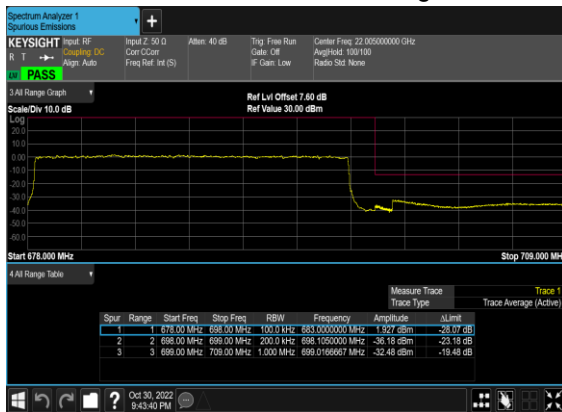
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



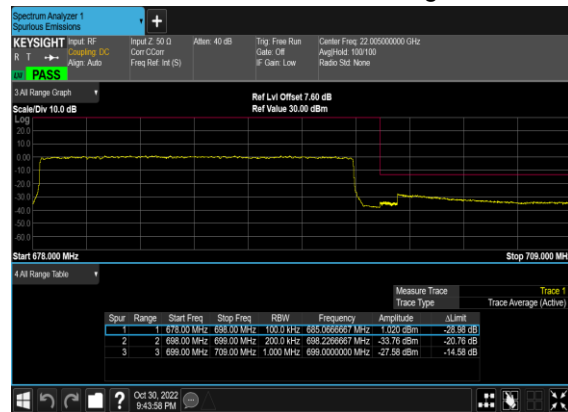
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



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 :	Wenbo Xiao	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.

SA n7 / NR 40MHz / QPSK / ANT1(NR)									
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	5031.48	-61.11	-25	-36.11	-78.56	-66.67	7.14	12.70	H
	7547.22	-52.88	-25	-27.88	-75.11	-56.18	8.30	11.60	H
	10062.96	-53.30	-25	-28.30	-80.20	-54.82	10.48	12.00	H
	5031.48	-61.53	-25	-36.53	-78.9	-67.09	7.14	12.70	V
	7547.22	-54.25	-25	-29.25	-76.32	-57.55	8.30	11.60	V
	10062.96	-54.01	-25	-29.01	-80.38	-55.53	10.48	12.00	V

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

EN-DC_66A_n7A / LTE 20MHz + NR 40MHz / QPSK / ANT2(LTE) & ANT1(NR)									
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 n7 Middle	5031.48	-61.03	-25	-36.03	-78.48	-66.59	7.14	12.70	H
	7547.22	-53.28	-25	-28.28	-75.51	-56.58	8.30	11.60	H
	10062.96	-53.40	-25	-28.40	-80.30	-54.92	10.48	12.00	H
	5031.48	-61.14	-25	-36.14	-78.51	-66.70	7.14	12.70	V
	7547.22	-53.29	-25	-28.29	-75.36	-56.59	8.30	11.60	V
	10062.96	-53.73	-25	-28.73	-80.1	-55.25	10.48	12.00	V
LTE Band66 Middle	3472	-63.77	-13	-50.77	-76.38	-70.62	5.65	12.50	H
	5208	-61.18	-13	-48.18	-78.32	-66.85	7.13	12.80	H
	6944	-58.40	-13	-45.40	-79.00	-61.80	8.40	11.80	H
	3472	-63.21	-13	-50.21	-76.37	-70.06	5.65	12.50	V
	5208	-60.65	-13	-47.65	-77.74	-66.32	7.13	12.80	V
	6944	-58.44	-13	-45.44	-79.09	-61.84	8.40	11.80	V

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



SA n41 / NR 100MHz / QPSK / ANT2(NR)									
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	5089.00	-54.59	-25	-29.59	-71.98	-60.15	7.14	12.70	H
	7633.50	-44.45	-25	-19.45	-66.66	-47.75	8.30	11.60	H
	10178.00	-52.66	-25	-27.66	-79.52	-54.18	10.48	12.00	H
	5089.00	-59.18	-25	-34.18	-76.5	-64.74	7.14	12.70	V
	7633.50	-47.27	-25	-22.27	-69.29	-50.57	8.30	11.60	V
	10178.00	-52.65	-25	-27.65	-79.1	-54.17	10.48	12.00	V

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

EN-DC_66A_n41A / LTE 20MHz + NR 100MHz / QPSK / ANT1(LTE) & ANT2(NR)									
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 n41 Middle	5088.00	-60.97	-25	-35.97	-78.36	-66.53	7.14	12.70	H
	7632.00	-48.30	-25	-23.30	-70.51	-51.60	8.30	11.60	H
	10178.00	-52.45	-25	-27.45	-79.31	-53.97	10.48	12.00	H
	5088.00	-61.38	-25	-36.38	-78.7	-66.94	7.14	12.70	V
	7632.00	-46.55	-25	-21.55	-68.57	-49.85	8.30	11.60	V
	10178.00	-53.09	-25	-28.09	-79.54	-54.61	10.48	12.00	V
LTE Band66 Middle	3492	-62.80	-13	-49.80	-75.65	-69.65	5.65	12.50	H
	5238	-61.70	-13	-48.70	-78.43	-67.37	7.13	12.80	H
	6984	-57.52	-13	-44.52	-78.31	-60.92	8.40	11.80	H
	3492	-62.55	-13	-49.55	-75.93	-69.40	5.65	12.50	V
	5238	-61.83	-13	-48.83	-78.5	-67.50	7.13	12.80	V
	6984	-57.60	-13	-44.60	-78.55	-61.00	8.40	11.80	V

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

n41 UL_MIMO / NR 100MHz / QPSK / ANT2+1(NR)									
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	5089.00	-58.38	-25	-33.38	-75.77	-63.94	7.14	12.70	H
	7633.50	-47.89	-25	-22.89	-70.10	-51.19	8.30	11.60	H
	10178.00	-52.33	-25	-27.33	-79.19	-53.85	10.48	12.00	H
	5089.00	-55.10	-25	-30.10	-72.42	-60.66	7.14	12.70	V
	7633.50	-44.62	-25	-19.62	-66.64	-47.92	8.30	11.60	V
	10178.00	-52.94	-25	-27.94	-79.39	-54.46	10.48	12.00	V

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



SA n70 / NR 15MHz / QPSK / ANT1(NR)									
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	3391.06	-61.18	-13	-48.18	-72.99	-68.03	5.65	12.50	H
	5086.59	-51.22	-13	-38.22	-68.61	-56.89	7.13	12.80	H
	6782.12	-59.16	-13	-46.16	-79.01	-62.56	8.40	11.80	H
	3391.06	-61.28	-13	-48.28	-73.63	-68.13	5.65	12.50	V
	5086.59	-49.48	-13	-36.48	-66.8	-55.15	7.13	12.80	V
	6782.12	-59.42	-13	-46.42	-78.91	-62.82	8.40	11.80	V

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

SA n71 / NR 20MHz / QPSK / ANT0(NR)									
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	1342.32	-65.13	-13	-52.13	-72.01	-68.38	4.00	9.40	H
	2013.48	-54.22	-13	-41.22	-62.19	-57.79	4.88	10.60	H
	2684.64	-64.64	-13	-51.64	-75.55	-69.57	5.52	12.60	H
	1342.32	-65.37	-13	-52.37	-72.20	-68.62	4.00	9.40	V
	2013.48	-52.64	-13	-39.64	-61.03	-56.21	4.88	10.60	V
	2684.64	-64.07	-13	-51.07	-75.28	-69.00	5.52	12.60	V

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

EN-DC_48A_n71A / LTE 10MHz + NR 20MHz / QPSK / ANT4(LTE) & ANT0(NR)									
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 n71 Middle	1341	-59.47	-13	-46.47	-47.13	-62.72	4.00	9.40	H
	2012	-50.16	-13	-37.16	-37.89	-53.73	4.88	10.60	H
	2683	-67.25	-13	-54.25	-57.26	-72.18	5.52	12.60	H
	1341	-60.88	-13	-47.88	-48.49	-64.13	4.00	9.40	V
	2012	-52.76	-13	-39.76	-40.91	-56.33	4.88	10.60	V
	2683	-67.38	-13	-54.38	-57.69	-72.31	5.52	12.60	V
LTE Band48 Middle	7232.00	-59.66	-40	-19.66	-61.10	-62.96	8.30	11.60	H
	10848.00	-48.69	-40	-8.69	-56.46	-50.21	10.48	12.00	H
	14464.00	-52.31	-40	-12.31	-65.03	-54.01	11.80	13.50	H
	7232.00	-59.63	-40	-19.63	-61.11	-62.93	8.30	11.60	V
	10848.00	-44.93	-40	-4.93	-52.46	-46.45	10.48	12.00	V
	14464.00	-52.17	-40	-12.17	-64.68	-53.87	11.80	13.50	V

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