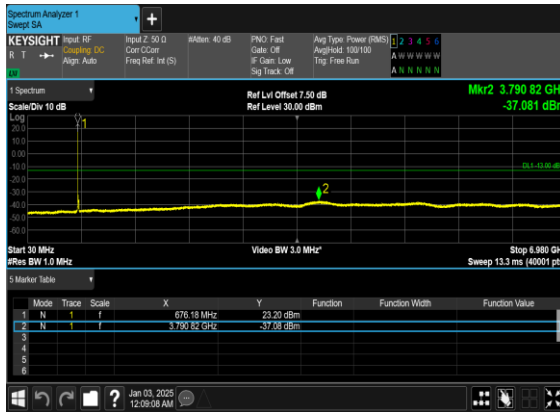
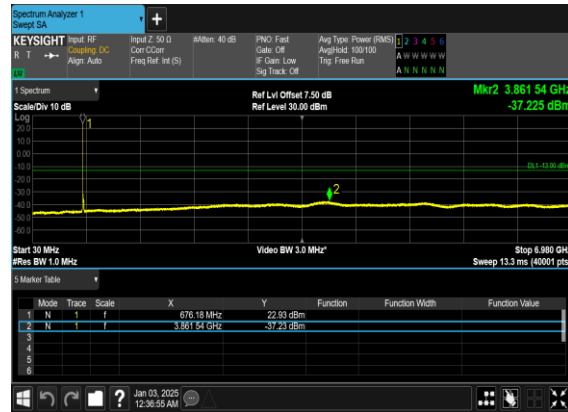




N71(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N71(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N71(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N71(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

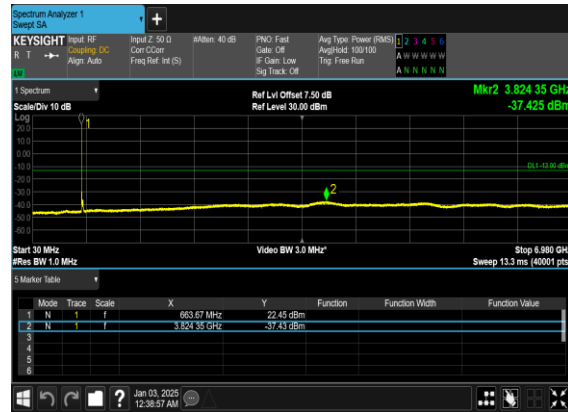




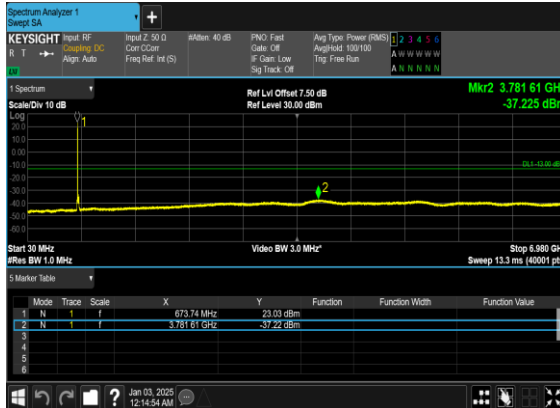
N71(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



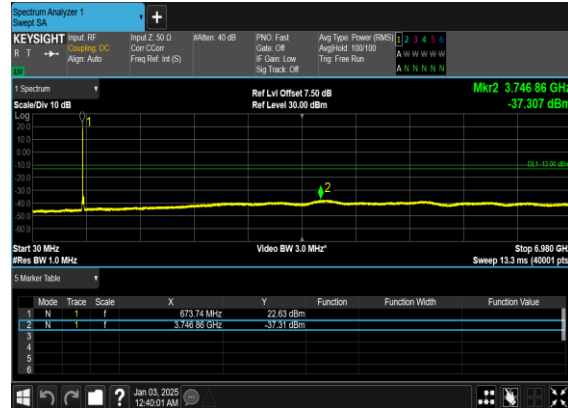
N71(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N71(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH





N71(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N71(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



**Conducted Band Edge**

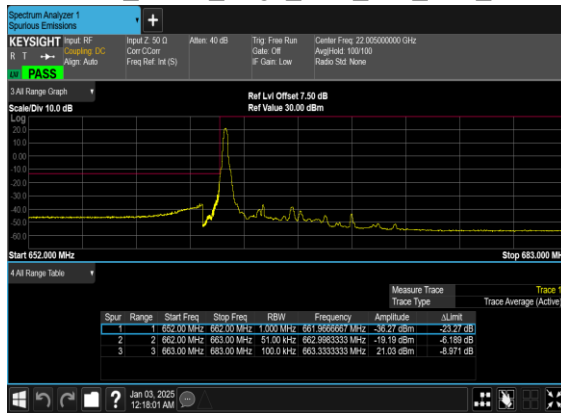
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
71	15	10	133600	668.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	10	133600	668.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	10	133600	668.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
71	15	10	133600	668.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
71	15	10	138600	693.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
71	15	10	138600	693.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
71	15	10	138600	693.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
71	15	10	138600	693.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
71	15	15	134100	670.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	15	134100	670.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	15	134100	670.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
71	15	15	134100	670.5	DFT-s-OFDM	75@0	see graph	PASS



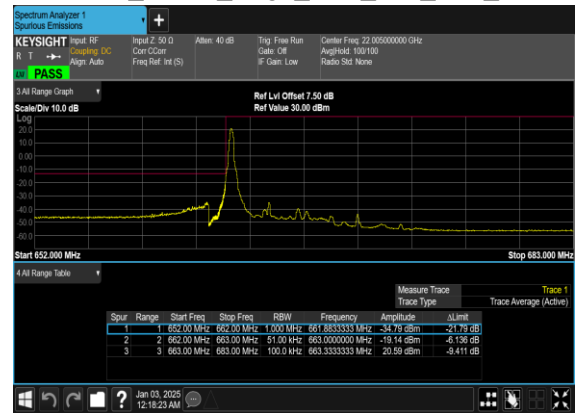
QPSK								
71	15	15	138100	690.5	DFT-s-OFDM BPSK	1@78	see graph	PASS
71	15	15	138100	690.5	DFT-s-OFDM QPSK	1@78	see graph	PASS
71	15	15	138100	690.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
71	15	15	138100	690.5	DFT-s-OFDM QPSK	75@0	see graph	PASS



N71(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



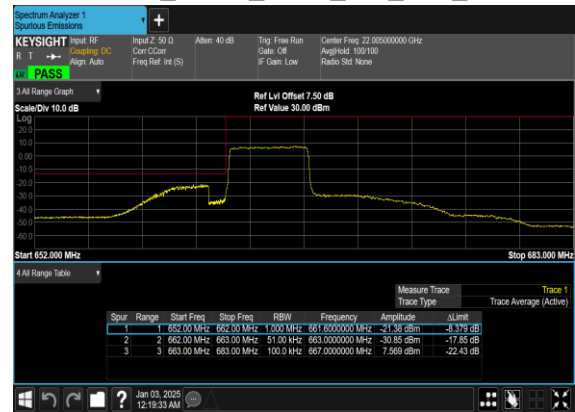
N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

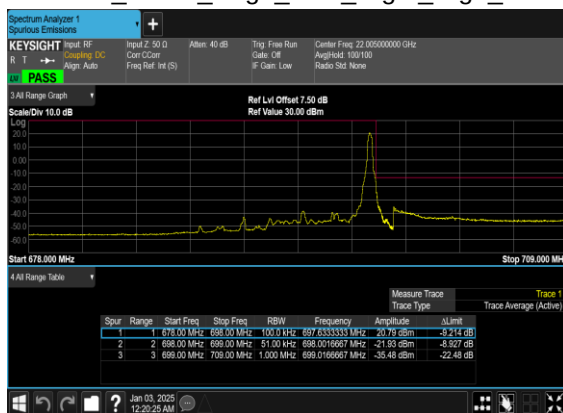


N71(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

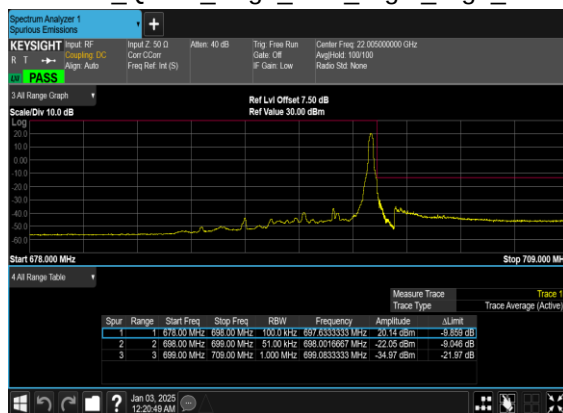




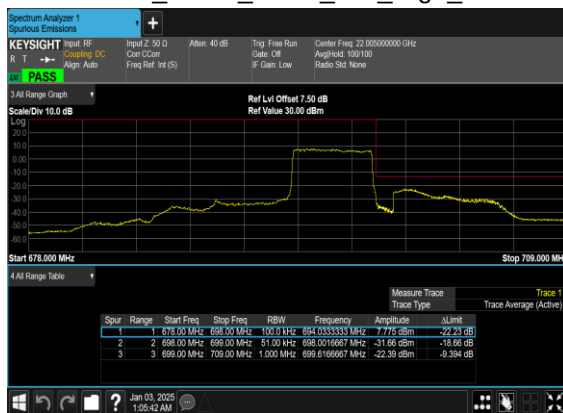
N71(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



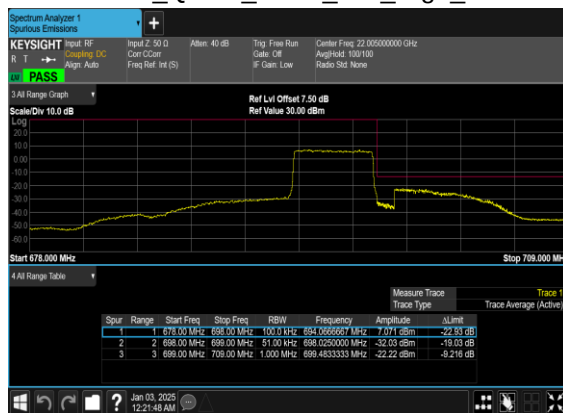
N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N71(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N71(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

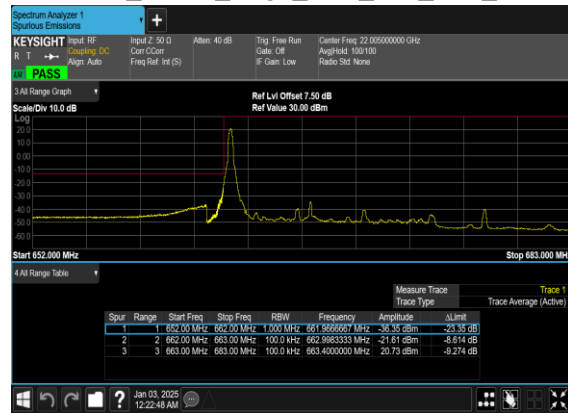




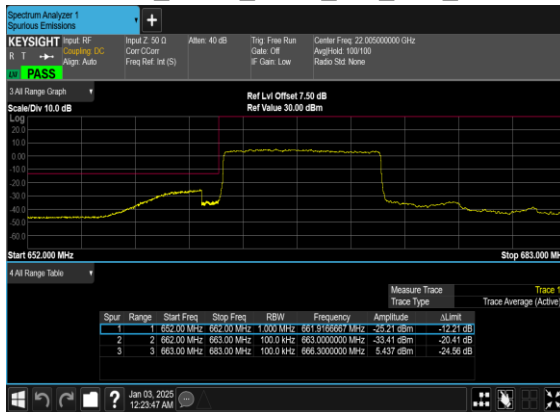
N71(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N71(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

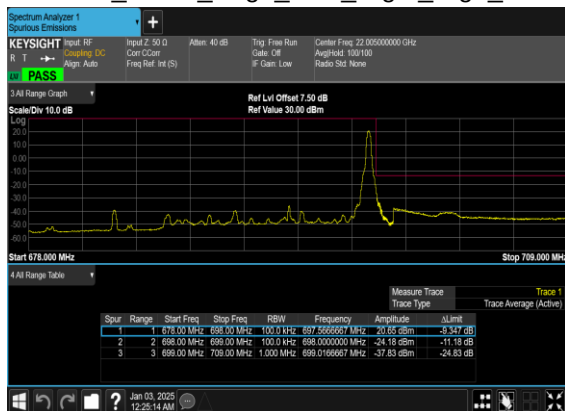
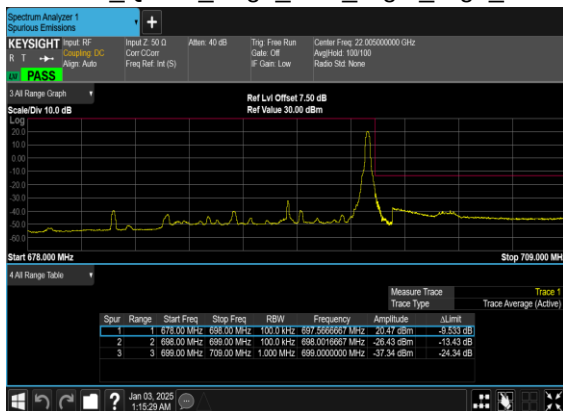
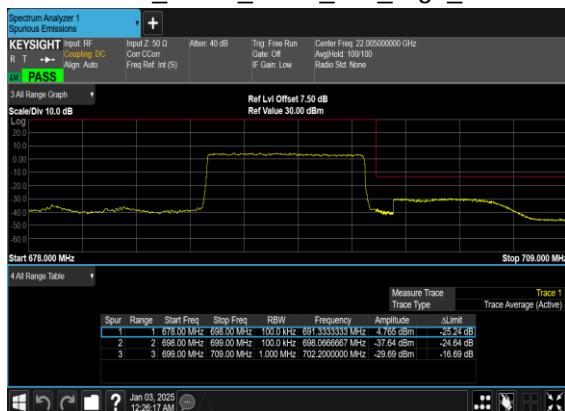
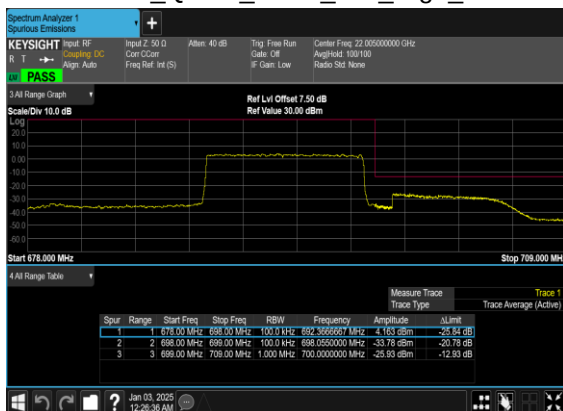


N71(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



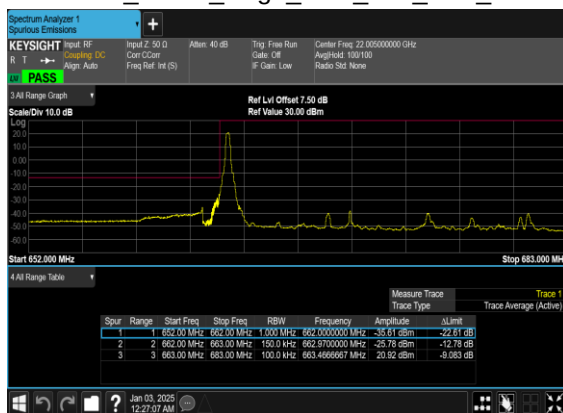
N71(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



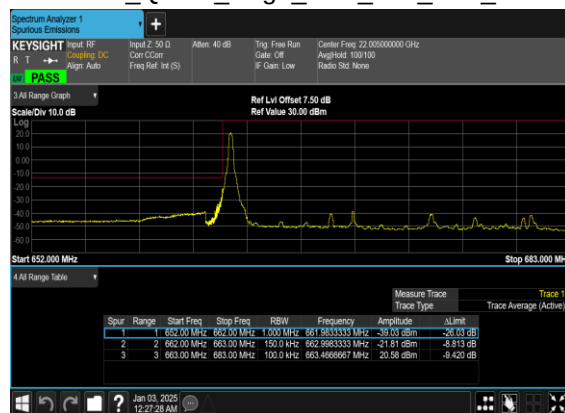
N71(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CHN71(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CHN71(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CHN71(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



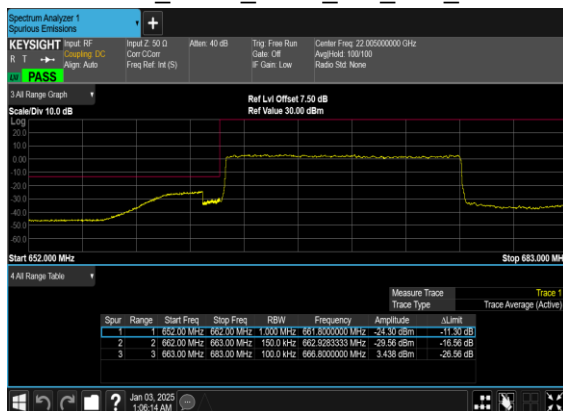
N71(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



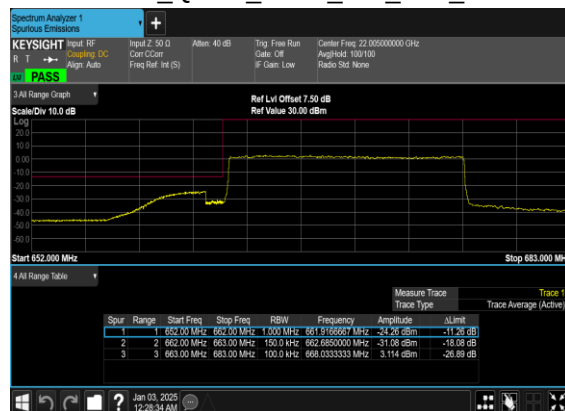
N71(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(15M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

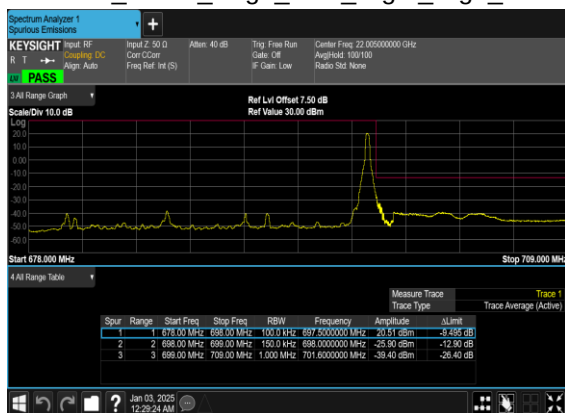


N71(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

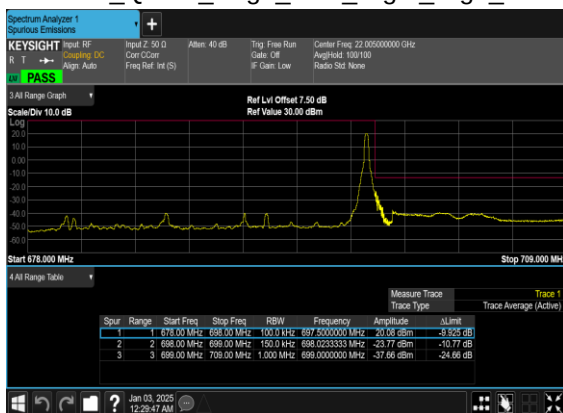




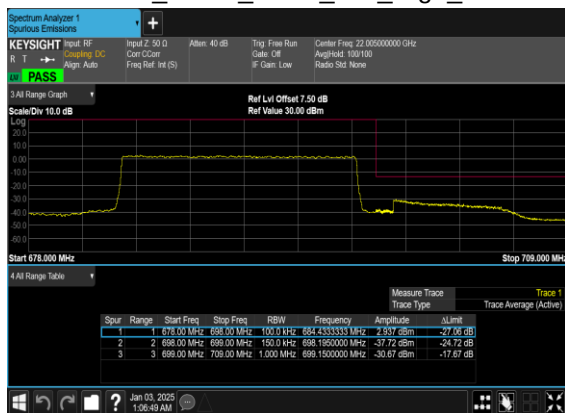
N71(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



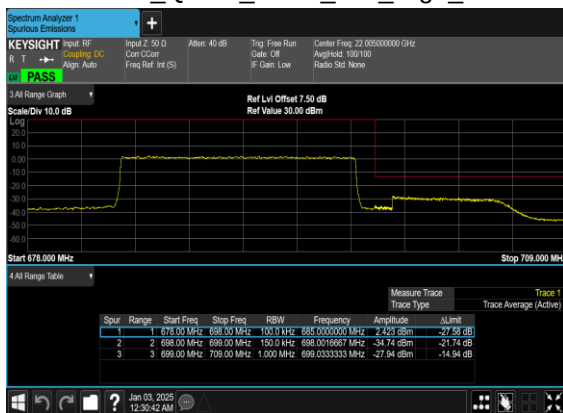
N71(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N71(15M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N71(15M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	PingZhou Liang	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.

n2 SA / NR 20MHz / QPSK(ANT4)									
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	3741.6	-61.13	-13	-48.13	-79.71	-67.88	5.85	12.60	H
	5612.4	-57.39	-13	-44.39	-79.78	-63.19	7.30	13.10	H
	7483.2	-53.19	-13	-40.19	-80.12	-56.34	8.35	11.50	H
	3741.6	-61.24	-13	-48.24	-79.74	-67.99	5.85	12.60	V
	5612.4	-58.91	-13	-45.91	-81.49	-64.71	7.30	13.10	V
	7483.2	-54.64	-13	-41.64	-81.56	-57.79	8.35	11.50	V

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

EN-DC_5A_n2A / LTE 10MHz + NR 20MHz / QPSK (ANT0+4)									
Channel	Frequency (MHz)	ERP/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 n2 Middle	3741.6	-60.45	-13	-47.45	-79.03	-67.20	5.85	12.60	H
	5612.4	-58.39	-13	-45.39	-80.78	-64.19	7.30	13.10	H
	7483.2	-53.65	-13	-40.65	-80.58	-56.80	8.35	11.50	H
	3741.6	-60.63	-13	-47.63	-79.13	-67.38	5.85	12.60	V
	5612.4	-58.79	-13	-45.79	-81.37	-64.59	7.30	13.10	V
	7483.2	-53.75	-13	-40.75	-80.67	-56.90	8.35	11.50	V
LTE Band5 Middle	1664	-65.17	-13	-52.17	-75.11	-68.42	4.00	9.40	H
	2496	-62.38	-13	-49.38	-76.82	-65.95	4.88	10.60	H
	3328	-60.81	-13	-47.81	-76.97	-65.74	5.52	12.60	H
	1664	-65.35	-13	-52.35	-74.89	-68.60	4.00	9.40	V
	2496	-61.43	-13	-48.43	-75.83	-65.00	4.88	10.60	V
	3328	-61.87	-13	-48.87	-77.79	-66.80	5.52	12.60	V

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



n5 SA / NR 20MHz / QPSK(ANT0)									
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	1654.6	-66.13	-13	-53.13	-76.06	-69.38	4.00	9.40	H
	2481.9	-56.25	-13	-43.25	-70.73	-59.82	4.88	10.60	H
	3309.2	-62.02	-13	-49.02	-78.35	-66.95	5.52	12.60	H
	1654.6	-66.89	-13	-53.89	-76.42	-70.14	4.00	9.40	V
	2481.9	-62.61	-13	-49.61	-77.06	-66.18	4.88	10.60	V
	3309.2	-62.25	-13	-49.25	-78.36	-67.18	5.52	12.60	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n5 Middle	1654.6	-65.53	-13	-52.53	-75.46	-68.78	4.00	9.40	H
	2481.9	-52.70	-13	-39.70	-67.18	-56.27	4.88	10.60	H
	3309.2	-62.21	-13	-49.21	-78.54	-67.14	5.52	12.60	H
	1654.6	-65.88	-13	-52.88	-75.41	-69.13	4.00	9.40	V
	2481.9	-50.51	-13	-37.51	-64.96	-54.08	4.88	10.60	V
	3309.2	-61.79	-13	-48.79	-77.90	-66.72	5.52	12.60	V
LTE Band7 Middle	5061.00	-60.86	-25	-35.86	-82.84	-66.42	7.14	12.70	H
	7591.50	-54.96	-25	-29.96	-81.57	-58.26	8.30	11.60	H
	10122.00	-50.35	-25	-25.35	-81.73	-51.87	10.48	12.00	H
	5061.00	-60.33	-25	-35.33	-82.45	-65.89	7.14	12.70	V
	7591.50	-55.06	-25	-30.06	-81.62	-58.36	8.30	11.60	V
	10122.00	-51.90	-25	-26.90	-81.91	-53.42	10.48	12.00	V

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

n12 SA / NR 12MHz / QPSK(ANT0)									
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	1401.2	-64.37	-13	-51.37	-75.09	-67.62	4.00	9.40	H
	2101.8	-63.33	-13	-50.33	-76.36	-66.90	4.88	10.60	H
	2802.4	-61.35	-13	-48.35	-77.33	-66.28	5.52	12.60	H
	1401.2	-64.60	-13	-51.60	-74.88	-67.85	4.00	9.40	V
	2101.8	-63.18	-13	-50.18	-76.16	-66.75	4.88	10.60	V
	2802.4	-61.34	-13	-48.34	-77.51	-66.27	5.52	12.60	V

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



N66 SA / NR 30MHz / QPSK(ANT1)									
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	3462.4	-61.61	-13	-48.61	-78.51	-68.46	5.65	12.50	H
	5193.6	-60.83	-13	-47.83	-82.59	-66.50	7.13	12.80	H
	6924.8	-56.59	-13	-43.59	-82.40	-59.99	8.40	11.80	H
	3462.4	-61.86	-13	-48.86	-78.78	-68.71	5.65	12.50	V
	5193.6	-60.37	-13	-47.37	-82.44	-66.04	7.13	12.80	V
	6924.8	-56.27	-13	-43.27	-82.55	-59.67	8.40	11.80	V

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

EN-DC_7A_n66A / LTE 10MHz + NR 30MHz / QPSK (ANT4+1)									
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 n66 Middle	3462.4	-61.93	-13	-48.93	-78.83	-68.78	5.65	12.50	H
	5193.6	-60.47	-13	-47.47	-82.23	-66.14	7.13	12.80	H
	6924.8	-56.66	-13	-43.66	-82.47	-60.06	8.40	11.80	H
	3462.4	-61.86	-13	-48.86	-78.78	-68.71	5.65	12.50	V
	5193.6	-60.61	-13	-47.61	-82.68	-66.28	7.13	12.80	V
	6924.8	-55.68	-13	-42.68	-81.96	-59.08	8.40	11.80	V
LTE Band7 Middle	5061.00	-61.04	-25	-36.04	-83.02	-66.60	7.14	12.70	H
	7591.50	-54.54	-25	-29.54	-81.15	-57.84	8.30	11.60	H
	10122.00	-50.45	-25	-25.45	-81.83	-51.97	10.48	12.00	H
	5061.00	-60.38	-25	-35.38	-82.5	-65.94	7.14	12.70	V
	7591.50	-54.62	-25	-29.62	-81.18	-57.92	8.30	11.60	V
	10122.00	-51.79	-25	-26.79	-81.8	-53.31	10.48	12.00	V

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

n71 SA / NR 15MHz / QPSK(ANT0)									
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	1347.2	-63.06	-13	-50.06	-73.13	-66.31	4.00	9.40	H
	2020.8	-64.62	-13	-51.62	-75.99	-68.19	4.88	10.60	H
	2694.4	-61.27	-13	-48.27	-76.62	-66.20	5.52	12.60	H
	1347.2	-64.11	-13	-51.11	-73.81	-67.36	4.00	9.40	V
	2020.8	-64.85	-13	-51.85	-76.11	-68.42	4.88	10.60	V
	2694.4	-61.82	-13	-48.82	-77.21	-66.75	5.52	12.60	V

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