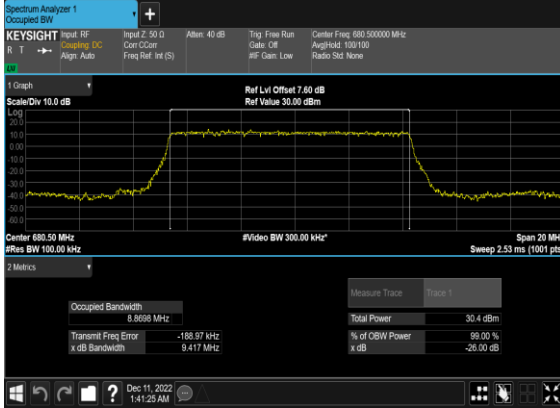
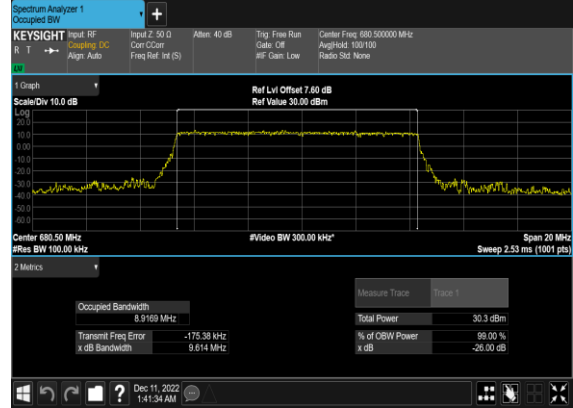


N71(10M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N71(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



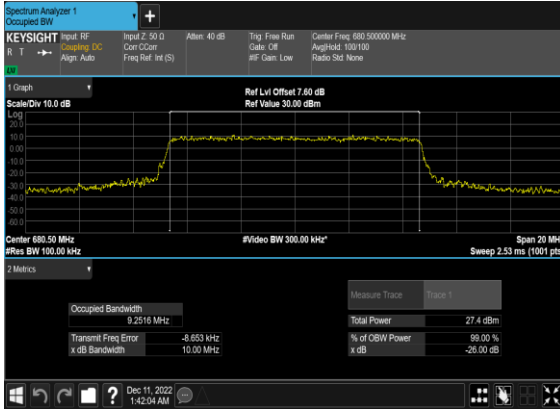
N71(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



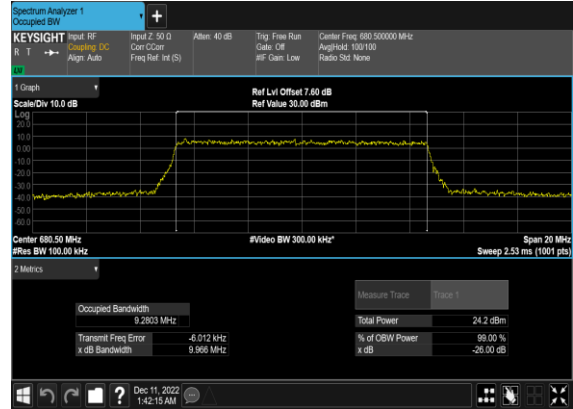
N71(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



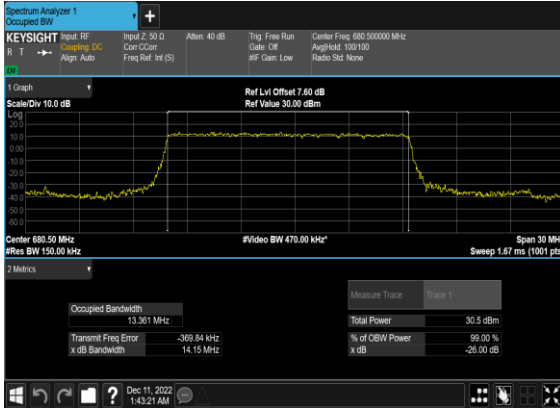
N71(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



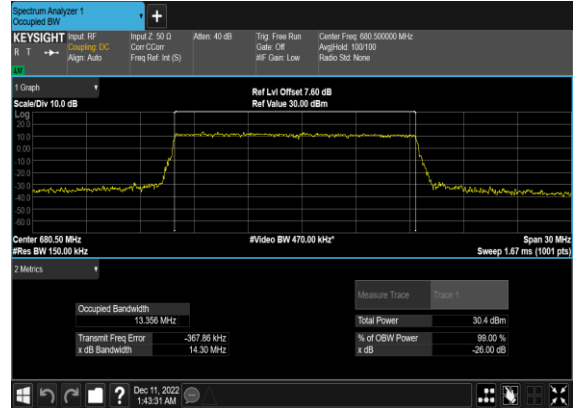
N71(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



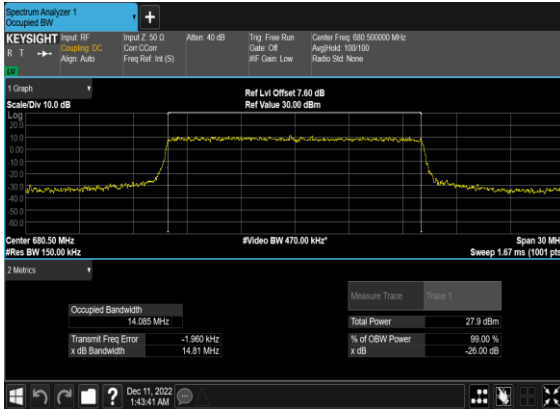
N71(15M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



N71(15M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



N71(15M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



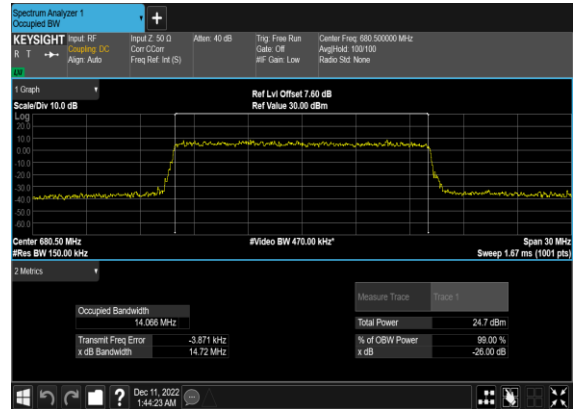
N71(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



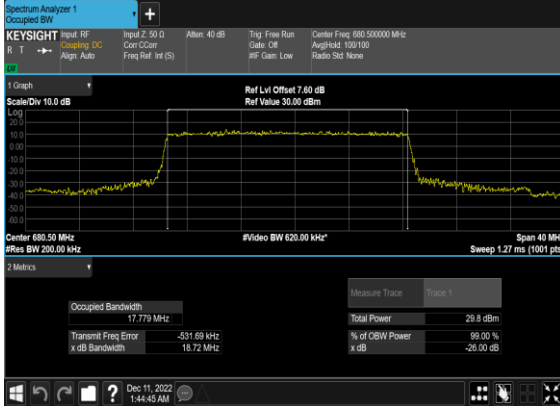
N71(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



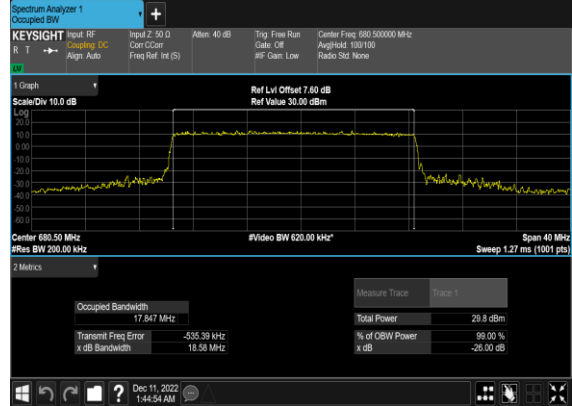
N71(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N71(20M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



N71(20M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



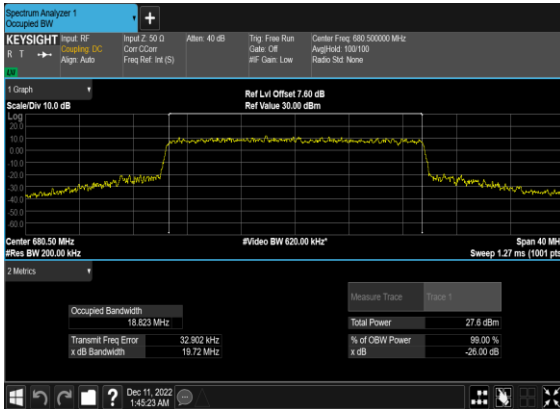
N71(20M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



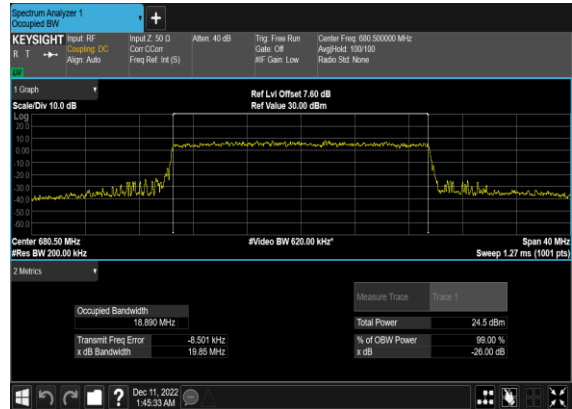
N71(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

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	---
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	---
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	5	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	5	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	10	133600	668.0	DFT-s-OFDM BPSK	1@0	see graph	---
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	---
71	15	10	133600	668.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	10	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	10	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	10	138600	693.0	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	10	138600	693.0	DFT-s-OFDM BPSK	1@0	see graph	PASS

71	15	10	138600	693.0	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	10	138600	693.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	20	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	20	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@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_Edge_1RB_Left_Mid_CH



N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



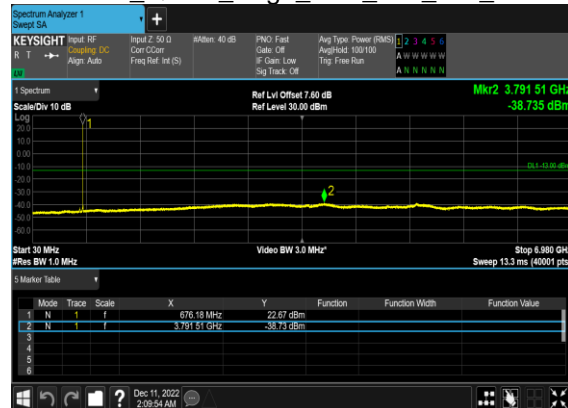
N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(10M)_DFT-s-OFDM_BPSK_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(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_Edge_1RB_Left_Mid_CH



N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



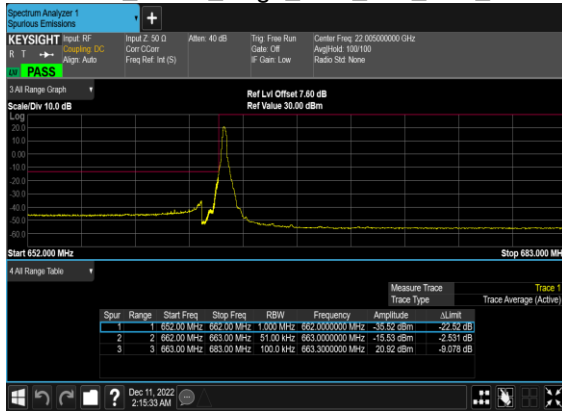
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



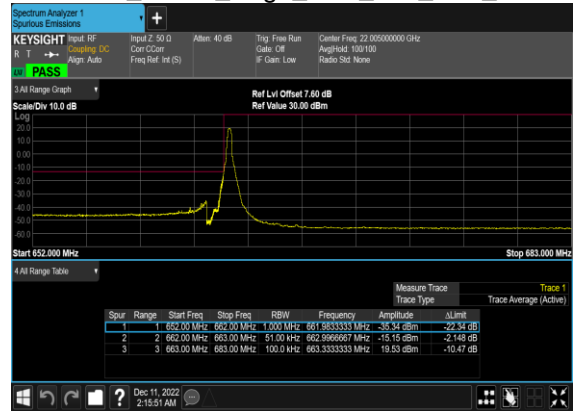
Conducted Band Edge

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	20	134600	673.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM QPSK	100@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



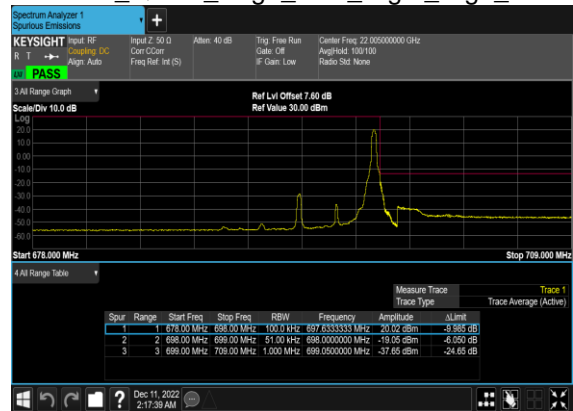
N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



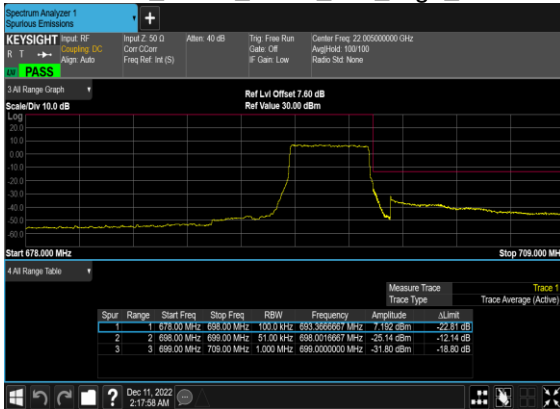
N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



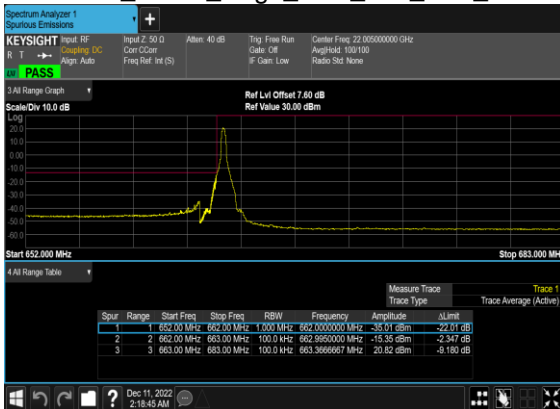
N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



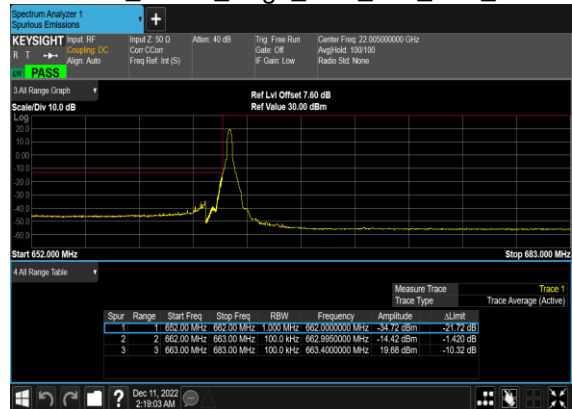
N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



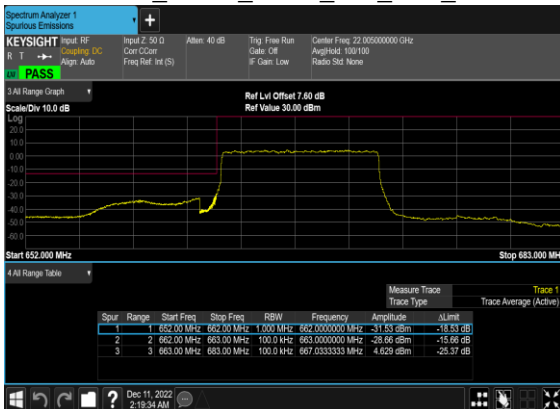
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



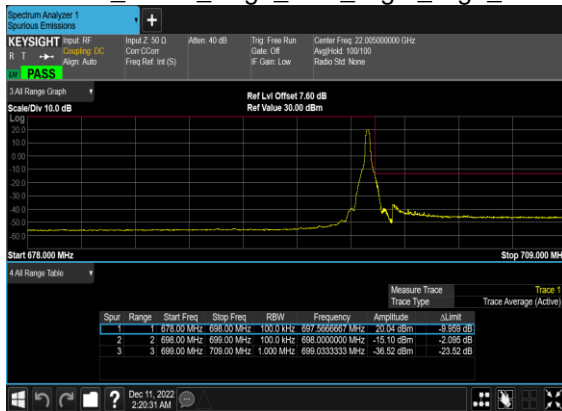
N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



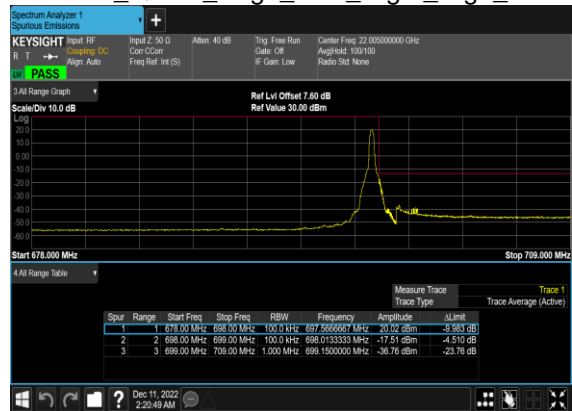
N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



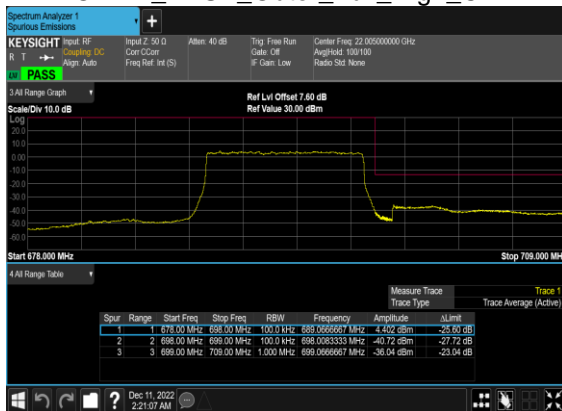
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



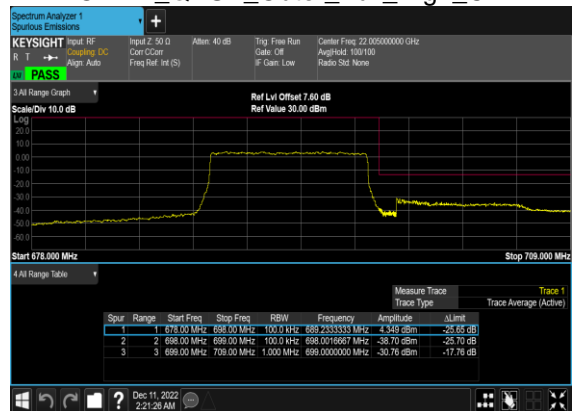
N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



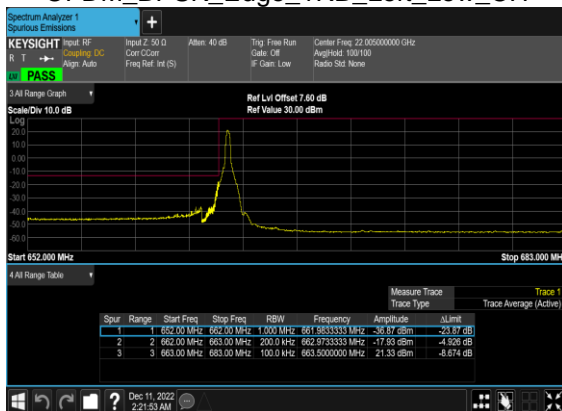
N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



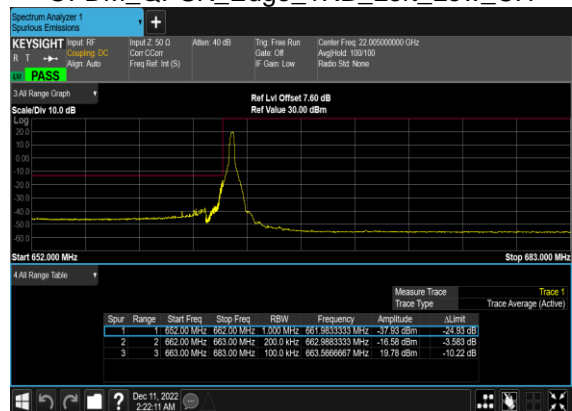
N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



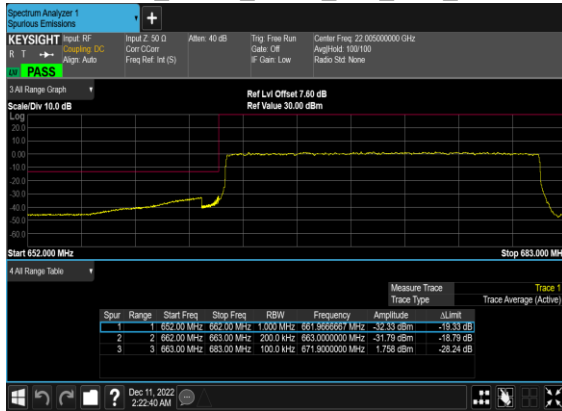
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



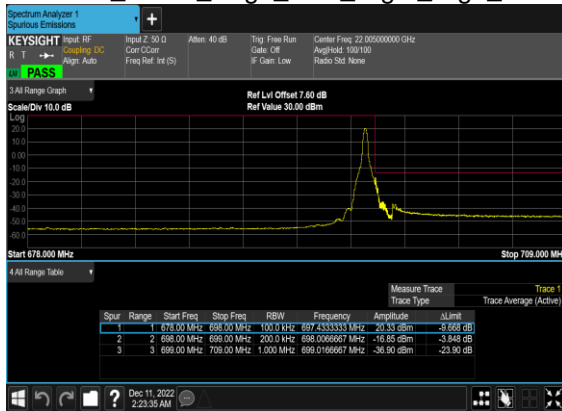
N71(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



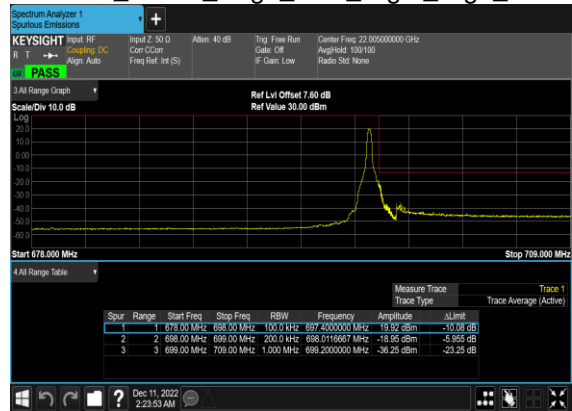
N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



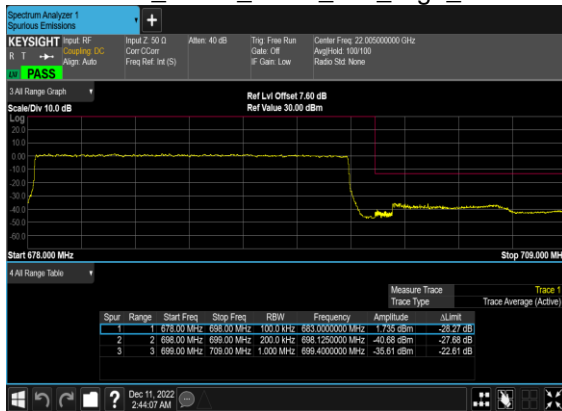
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



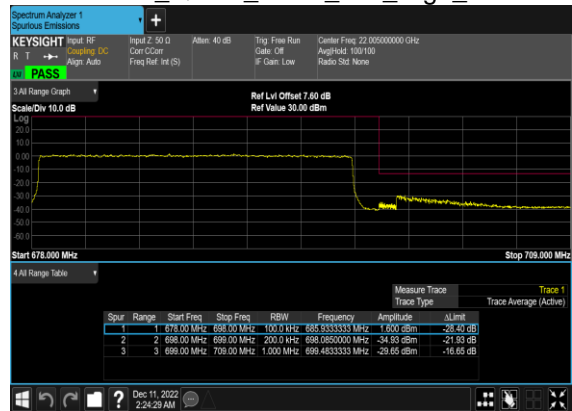
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



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 :	HuaCong 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.

5G NR n12 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)
Lowest	1399.072	-63.93	-13	-50.93	-71.95	-67.16	3.98	9.36	H
	2098.608	-65.22	-13	-52.22	-74.70	-68.77	4.85	10.55	H
	2798.144	-63.21	-13	-50.21	-75.03	-68.14	5.50	12.58	H
	1399.072	-64.36	-13	-51.36	-72.44	-67.59	3.98	9.36	V
	2098.608	-64.89	-13	-51.89	-74.74	-68.44	4.85	10.55	V
	2798.144	-63.30	-13	-50.30	-75.35	-68.23	5.50	12.58	V
Middle	1401.072	-64.11	-13	-51.11	-72.13	-67.36	4.00	9.40	H
	2101.608	-65.34	-13	-52.34	-74.88	-68.91	4.88	10.60	H
	2802.144	-63.31	-13	-50.31	-75.15	-68.24	5.52	12.60	H
	1401.072	-64.06	-13	-51.06	-72.15	-67.31	4.00	9.40	V
	2101.608	-64.66	-13	-51.66	-74.57	-68.23	4.88	10.60	V
	2802.144	-63.08	-13	-50.08	-75.15	-68.01	5.52	12.60	V
Highest	1403.072	-64.32	-13	-51.32	-72.31	-67.49	4.10	9.42	H
	2104.608	-65.15	-13	-52.15	-74.74	-68.73	4.90	10.63	H
	2806.144	-63.11	-13	-50.11	-74.96	-68.03	5.55	12.62	H
	1403.072	-64.58	-13	-51.58	-72.65	-67.75	4.10	9.42	V
	2104.608	-64.69	-13	-51.69	-74.65	-68.27	4.90	10.63	V
	2806.144	-62.78	-13	-49.78	-74.86	-67.70	5.55	12.62	V

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



EN-DC_66A_n12A / LTE 20MHz + NR 15MHz / QPSK / ANT1(LTE) & 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)
NR n12 Lowest	1399.08	-64.59	-13	-51.59	-72.61	-67.82	3.98	9.36	H
	2098.62	-62.33	-13	-49.33	-71.81	-65.88	4.85	10.55	H
	2798.16	-63.85	-13	-50.85	-75.67	-68.78	5.50	12.58	H
	1399.08	-64.50	-13	-51.50	-72.58	-67.73	3.98	9.36	V
	2098.62	-64.51	-13	-51.51	-74.36	-68.06	4.85	10.55	V
	2798.16	-63.55	-13	-50.55	-75.60	-68.48	5.50	12.58	V
LTE Band66 Lowest	3472	-63.95	-13	-50.95	-76.56	-70.80	5.65	12.50	H
	5208	-63.01	-13	-50.01	-80.15	-68.68	7.13	12.80	H
	6944	-59.74	-13	-46.74	-80.34	-63.14	8.40	11.80	H
	3472	-63.39	-13	-50.39	-76.55	-70.24	5.65	12.50	V
	5208	-63.39	-13	-50.39	-80.48	-69.06	7.13	12.80	V
	6944	-59.66	-13	-46.66	-80.31	-63.06	8.40	11.80	V
NR n12 Middle	1401.08	-64.50	-13	-51.50	-72.52	-67.75	4.00	9.40	H
	2101.6	-62.03	-13	-49.03	-71.57	-65.60	4.88	10.60	H
	2802.16	-63.23	-13	-50.23	-75.07	-68.16	5.52	12.60	H
	1401.08	-64.58	-13	-51.58	-72.67	-67.83	4.00	9.40	V
	2101.6	-64.86	-13	-51.86	-74.77	-68.43	4.88	10.60	V
	2802.16	-63.09	-13	-50.09	-75.16	-68.02	5.52	12.60	V
LTE Band66 Middle	3472	-64.05	-13	-51.05	-76.66	-70.90	5.65	12.50	H
	5208	-62.85	-13	-49.85	-79.99	-68.52	7.13	12.80	H
	6944	-59.67	-13	-46.67	-80.27	-63.07	8.40	11.80	H
	3472	-63.56	-13	-50.56	-76.72	-70.41	5.65	12.50	V
	5208	-63.31	-13	-50.31	-80.4	-68.98	7.13	12.80	V
	6944	-59.79	-13	-46.79	-80.44	-63.19	8.40	11.80	V
NR n12 Highest	1403.08	-64.06	-13	-51.06	-72.05	-67.23	4.10	9.42	H
	2104.62	-63.22	-13	-50.22	-72.81	-66.80	4.90	10.63	H
	2806.16	-63.02	-13	-50.02	-74.87	-67.94	5.55	12.62	H
	1403.08	-64.52	-13	-51.52	-72.59	-67.69	4.10	9.42	V
	2104.62	-64.61	-13	-51.61	-74.57	-68.19	4.90	10.63	V
	2806.16	-63.14	-13	-50.14	-75.22	-68.06	5.55	12.62	V
LTE Band66 Highest	3472	-63.95	-13	-50.95	-76.56	-70.80	5.65	12.50	H
	5208	-63.09	-13	-50.09	-80.23	-68.76	7.13	12.80	H
	6944	-59.82	-13	-46.82	-80.42	-63.22	8.40	11.80	H
	3472	-63.21	-13	-50.21	-76.37	-70.06	5.65	12.50	V
	5208	-63.34	-13	-50.34	-80.43	-69.01	7.13	12.80	V
	6944	-59.72	-13	-46.72	-80.37	-63.12	8.40	11.80	V

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



5G NR n13 SA / NR 5MHz / 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)
Lowest	1554.5	-67.25	-13	-54.25	-73.94	-70.48	3.98	9.36	H
	2331.75	-64.44	-13	-51.44	-75.14	-67.99	4.85	10.55	H
	3109	-63.31	-13	-50.31	-75.95	-68.24	5.50	12.58	H
	1554.5	-66.88	-13	-53.88	-73.77	-70.11	3.98	9.36	V
	2331.75	-63.99	-13	-50.99	-75.08	-67.54	4.85	10.55	V
	3109	-63.00	-13	-50.00	-76.14	-67.93	5.50	12.58	V
Middle	1559.5	-66.70	-42.15	-24.55	-73.33	-69.95	4.00	9.40	H
	2339.25	-63.52	-13	-50.52	-74.21	-67.09	4.88	10.60	H
	3119	-63.06	-13	-50.06	-75.75	-67.99	5.52	12.60	H
	1559.5	-66.57	-42.15	-24.42	-73.41	-69.82	4.00	9.40	V
	2339.25	-63.19	-13	-50.19	-74.27	-66.76	4.88	10.60	V
	3119	-62.60	-13	-49.60	-75.80	-67.53	5.52	12.60	V
Highest	1564.5	-67.10	-42.15	-24.95	-73.67	-70.27	4.10	9.42	H
	2346.75	-64.21	-13	-51.21	-74.86	-67.79	4.90	10.63	H
	3129	-63.81	-13	-50.81	-76.53	-68.73	5.55	12.62	H
	1564.5	-67.04	-42.15	-24.89	-73.83	-70.21	4.10	9.42	V
	2346.75	-64.10	-13	-51.10	-75.14	-67.68	4.90	10.63	V
	3129	-63.12	-13	-50.12	-76.37	-68.04	5.55	12.62	V

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

5G NR n13 SA / NR 10MHz / 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	1555	-66.78	-13	-53.78	-73.46	-70.03	4.00	9.40	H
	2332.5	-64.14	-13	-51.14	-74.84	-67.71	4.88	10.60	H
	3110	-63.22	-13	-50.22	-75.86	-68.15	5.52	12.60	H
	1555	-66.81	-13	-53.81	-73.70	-70.06	4.00	9.40	V
	2332.5	-63.55	-13	-50.55	-74.64	-67.12	4.88	10.60	V
	3110	-62.82	-13	-49.82	-75.97	-67.75	5.52	12.60	V

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



5G NR n25 SA / NR 20MHz / QPSK / ANTO									
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)
Lowest	3701.5	-61.96	-13	-48.96	-76.30	-68.72	5.82	12.58	H
	5552.25	-62.26	-13	-49.26	-78.90	-67.98	7.28	13.00	H
	7403	-50.73	-13	-37.73	-73.37	-53.89	8.32	11.48	H
	3701.5	-62.03	-13	-49.03	-76.66	-68.79	5.82	12.58	V
	5552.25	-62.48	-13	-49.48	-79.17	-68.20	7.28	13.00	V
	7403	-55.44	-13	-42.44	-78.13	-58.60	8.32	11.48	V
Middle	3746.5	-63.01	-13	-50.01	-77.44	-69.76	5.85	12.60	H
	5619.75	-61.55	-13	-48.55	-78.39	-67.35	7.30	13.10	H
	7493	-51.81	-13	-38.81	-74.16	-54.96	8.35	11.50	H
	3746.5	-62.57	-13	-49.57	-77.21	-69.32	5.85	12.60	V
	5619.75	-61.61	-13	-48.61	-78.36	-67.41	7.30	13.10	V
	7493	-55.25	-13	-42.25	-77.52	-58.40	8.35	11.50	V
Highest	3791.36	-62.89	-13	-49.89	-77.42	-69.63	5.88	12.62	H
	5687.04	-61.00	-13	-48.00	-78.05	-66.81	7.32	13.13	H
	7582.72	-52.98	-13	-39.98	-75.13	-56.14	8.38	11.54	H
	3791.36	-63.08	-13	-50.08	-77.73	-69.82	5.88	12.62	V
	5687.04	-62.33	-13	-49.33	-79.39	-68.14	7.32	13.13	V
	7582.72	-52.78	-13	-39.78	-74.72	-55.94	8.38	11.54	V

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



EN-DC_66A_n25A / LTE 20MHz + NR 20MHz / QPSK / ANT1(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 n25 Lowest	3701.5	-62.78	-13	-49.78	-77.12	-69.54	5.82	12.58	H
	5552.25	-62.78	-13	-49.78	-79.42	-68.50	7.28	13.00	H
	7403	-57.49	-13	-44.49	-80.13	-60.65	8.32	11.48	H
	3701.5	-62.39	-13	-49.39	-77.02	-69.15	5.82	12.58	V
	5552.25	-63.00	-13	-50.00	-79.69	-68.72	7.28	13.00	V
	7403	-56.35	-13	-43.35	-79.04	-59.51	8.32	11.48	V
LTE Band66 Lowest	3472	-63.55	-13	-50.55	-76.16	-70.40	5.65	12.50	H
	5208	-62.83	-13	-49.83	-79.97	-68.50	7.13	12.80	H
	6944	-59.50	-13	-46.50	-80.10	-62.90	8.40	11.80	H
	3472	-63.32	-13	-50.32	-76.48	-70.17	5.65	12.50	V
	5208	-63.03	-13	-50.03	-80.12	-68.70	7.13	12.80	V
	6944	-59.41	-13	-46.41	-80.06	-62.81	8.40	11.80	V
NR n25 Middle	3746.5	-62.60	-13	-49.60	-77.03	-69.35	5.85	12.60	H
	5619.75	-62.28	-13	-49.28	-79.12	-68.08	7.30	13.10	H
	7493	-57.38	-13	-44.38	-79.73	-60.53	8.35	11.50	H
	3746.5	-62.30	-13	-49.30	-76.94	-69.05	5.85	12.60	V
	5619.75	-62.29	-13	-49.29	-79.04	-68.09	7.30	13.10	V
	7493	-57.39	-13	-44.39	-79.66	-60.54	8.35	11.50	V
LTE Band66 Middle	3472	-63.64	-13	-50.64	-76.25	-70.49	5.65	12.50	H
	5208	-62.19	-13	-49.19	-79.33	-67.86	7.13	12.80	H
	6944	-59.04	-13	-46.04	-79.64	-62.44	8.40	11.80	H
	3472	-63.26	-13	-50.26	-76.42	-70.11	5.65	12.50	V
	5208	-62.85	-13	-49.85	-79.94	-68.52	7.13	12.80	V
	6944	-59.16	-13	-46.16	-79.81	-62.56	8.40	11.80	V
NR n25 Highest	3791.36	-62.95	-13	-49.95	-77.48	-69.69	5.88	12.62	H
	5687.04	-62.50	-13	-49.50	-79.55	-68.31	7.32	13.13	H
	7582.72	-56.94	-13	-43.94	-79.09	-60.10	8.38	11.54	H
	3791.36	-62.67	-13	-49.67	-77.32	-69.41	5.88	12.62	V
	5687.04	-62.17	-13	-49.17	-79.23	-67.98	7.32	13.13	V
	7582.72	-52.49	-13	-39.49	-74.43	-55.65	8.38	11.54	V
LTE Band66 Highest	3472	-63.83	-13	-50.83	-76.44	-70.68	5.65	12.50	H
	5208	-63.04	-13	-50.04	-80.18	-68.71	7.13	12.80	H
	6944	-59.59	-13	-46.59	-80.19	-62.99	8.40	11.80	H
	3472	-63.52	-13	-50.52	-76.68	-70.37	5.65	12.50	V
	5208	-62.92	-13	-49.92	-80.01	-68.59	7.13	12.80	V
	6944	-59.60	-13	-46.60	-80.25	-63.00	8.40	11.80	V

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



5G NR n26 SA / NR 20MHz / QPSK / ANTO									
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	1649.2	-67.24	-13	-54.24	-73.36	-70.47	3.98	9.36	H
	2473.8	-64.59	-13	-51.59	-74.83	-68.14	4.85	10.55	H
	3298.4	-63.72	-13	-50.72	-75.93	-68.65	5.50	12.58	H
	1649.2	-66.23	-13	-53.23	-72.23	-69.46	3.98	9.36	V
	2473.8	-64.09	-13	-51.09	-74.69	-67.64	4.85	10.55	V
	3298.4	-62.40	-13	-49.40	-75.07	-67.33	5.50	12.58	V
Middle	1654.2	-67.26	-13	-54.26	-73.36	-70.51	4.00	9.40	H
	2481.3	-64.25	-13	-51.25	-74.46	-67.82	4.88	10.60	H
	3308.4	-63.29	-13	-50.29	-75.42	-68.22	5.52	12.60	H
	1654.2	-66.90	-13	-53.90	-72.85	-70.15	4.00	9.40	V
	2481.3	-64.39	-13	-51.39	-74.96	-67.96	4.88	10.60	V
	3308.4	-63.22	-13	-50.22	-75.79	-68.15	5.52	12.60	V
Highest	1659.2	-66.56	-13	-53.56	-72.68	-69.73	4.10	9.42	H
	2488.8	-64.10	-13	-51.10	-74.29	-67.68	4.90	10.63	H
	3318.4	-63.16	-13	-50.16	-75.21	-68.08	5.55	12.62	H
	1659.2	-64.95	-13	-51.95	-70.89	-68.12	4.10	9.42	V
	2488.8	-64.44	-13	-51.44	-74.98	-68.02	4.90	10.63	V
	3318.4	-62.76	-13	-49.76	-75.23	-67.68	5.55	12.62	V

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



5G NR n71 SA / NR 20MHz / QPSK / ANTO									
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	1327	-64.91	-13	-51.91	-71.57	-68.14	3.98	9.36	H
	1990.5	-66.64	-13	-53.64	-74.31	-70.19	4.85	10.55	H
	2654	-64.19	-13	-51.19	-74.86	-69.12	5.50	12.58	H
	1327	-65.38	-13	-52.38	-71.96	-68.61	3.98	9.36	V
	1990.5	-66.18	-13	-53.18	-74.26	-69.73	4.85	10.55	V
	2654	-64.00	-13	-51.00	-74.99	-68.93	5.50	12.58	V
Middle	1342	-64.68	-13	-51.68	-71.56	-67.93	4.00	9.40	H
	2013	-65.97	-13	-52.97	-73.93	-69.54	4.88	10.60	H
	2684	-64.33	-13	-51.33	-75.23	-69.26	5.52	12.60	H
	1342	-64.92	-13	-51.92	-71.75	-68.17	4.00	9.40	V
	2013	-65.35	-13	-52.35	-73.74	-68.92	4.88	10.60	V
	2684	-63.86	-13	-50.86	-75.07	-68.79	5.52	12.60	V
Highest	1357	-64.61	-13	-51.61	-71.81	-67.78	4.10	9.42	H
	2035.5	-65.90	-13	-52.90	-74.27	-69.48	4.90	10.63	H
	2714	-63.95	-13	-50.95	-75.09	-68.87	5.55	12.62	H
	1357	-64.34	-13	-51.34	-71.52	-67.51	4.10	9.42	V
	2035.5	-65.19	-13	-52.19	-73.97	-68.77	4.90	10.63	V
	2714	-63.88	-13	-50.88	-75.31	-68.80	5.55	12.62	V

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



EN-DC_48A_n71A / LTE 20MHz + NR 20MHz / QPSK / ANT2(LTE) & 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)
NR n71 Lowest	1327	-69.61	-13	-56.61	-57.07	-72.84	3.98	9.36	H
	1990.5	-70.15	-13	-57.15	-57.65	-73.70	4.85	10.55	H
	2654	-68.12	-13	-55.12	-57.88	-73.05	5.50	12.58	H
	1327	-69.86	-13	-56.86	-57.24	-73.09	3.98	9.36	V
	1990.5	-69.60	-13	-56.60	-57.51	-73.15	4.85	10.55	V
	2654	-67.54	-13	-54.54	-57.62	-72.47	5.50	12.58	V
LTE Band48 Lowest	7102.00	-47.41	-40	-7.41	-48.13	-50.74	8.25	11.58	H
	10653.00	-56.58	-40	-16.58	-63.74	-58.13	10.45	12.00	H
	14204.00	-52.14	-40	-12.14	-64.47	-53.85	11.74	13.45	H
	7102.00	-47.25	-40	-7.25	-48.1	-50.58	8.25	11.58	V
	10653.00	-56.79	-40	-16.79	-63.82	-58.34	10.45	12.00	V
	14204.00	-52.08	-40	-12.08	-64.10	-53.79	11.74	13.45	V
NR n71 Middle	1342	-69.33	-13	-56.33	-57.01	-72.58	4.00	9.40	H
	2013	-69.94	-13	-56.94	-57.68	-73.51	4.88	10.60	H
	2684	-67.79	-13	-54.79	-57.80	-72.72	5.52	12.60	H
	1342	-69.29	-13	-56.29	-56.92	-72.54	4.00	9.40	V
	2013	-69.36	-13	-56.36	-57.53	-72.93	4.88	10.60	V
	2684	-67.56	-13	-54.56	-57.88	-72.49	5.52	12.60	V
LTE Band48 Middle	7232.00	-50.89	-40	-10.89	-52.33	-54.19	8.30	11.60	H
	10848.00	-55.78	-40	-15.78	-63.55	-57.30	10.48	12.00	H
	14464.00	-52.09	-40	-12.09	-64.81	-53.79	11.80	13.50	H
	7232.00	-54.62	-40	-14.62	-56.1	-57.92	8.30	11.60	V
	10848.00	-55.81	-40	-15.81	-63.34	-57.33	10.48	12.00	V
	14464.00	-52.01	-40	-12.01	-64.52	-53.71	11.80	13.50	V
NR n71 Highest	1357	-68.86	-13	-55.86	-56.76	-72.03	4.10	9.42	H
	2035.5	-69.63	-13	-56.63	-57.75	-73.21	4.90	10.63	H
	2714	-67.42	-13	-54.42	-57.70	-72.34	5.55	12.62	H
	1357	-69.04	-13	-56.04	-56.92	-72.21	4.10	9.42	V
	2035.5	-69.16	-13	-56.16	-57.69	-72.74	4.90	10.63	V
	2714	-63.25	-13	-50.25	-53.82	-68.17	5.55	12.62	V
LTE Band48 Highest	7362.00	-57.25	-40	-17.25	-59.39	-60.55	8.32	11.62	H
	11043.00	-55.39	-40	-15.39	-63.81	-57.07	10.52	12.20	H
	14724.00	-52.99	-40	-12.99	-64.84	-54.69	11.85	13.55	H
	7362.00	-59.70	-40	-19.70	-61.89	-63.00	8.32	11.62	V
	11043.00	-55.74	-40	-15.74	-63.85	-57.42	10.52	12.20	V
	14724.00	-53.06	-40	-13.06	-65.00	-54.76	11.85	13.55	V

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