

N26(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



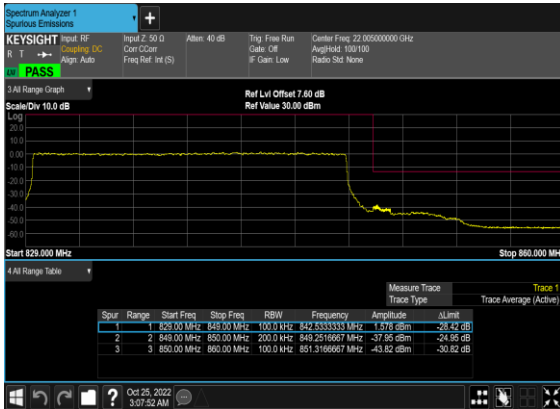
N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



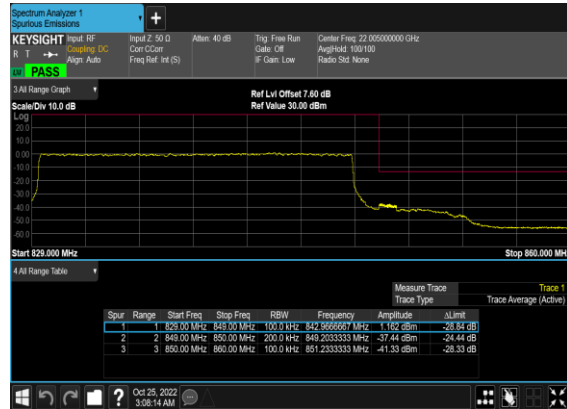
N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N26(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	WenboXiao	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 n2 / NR 30MHz / QPSK DFT-s-OFDM / ANT0									
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	3701.56	-61.68	-13	-48.68	-76.02	-68.44	5.82	12.58	H
	5652.34	-61.41	-13	-48.41	-78.33	-67.13	7.28	13.00	H
	7403.12	-56.06	-13	-43.06	-78.70	-59.22	8.32	11.48	H
	3701.56	-61.51	-13	-48.51	-76.14	-68.27	5.82	12.58	V
	5652.34	-61.41	-13	-48.41	-78.25	-67.13	7.28	13.00	V
	7403.12	-55.96	-13	-42.96	-78.65	-59.12	8.32	11.48	V
Middle	3731.56	-61.74	-13	-48.74	-76.13	-68.49	5.85	12.60	H
	5597.34	-61.27	-13	-48.27	-78.08	-67.07	7.30	13.10	H
	7463.12	-55.84	-13	-42.84	-78.29	-58.99	8.35	11.50	H
	3731.56	-61.28	-13	-48.28	-75.91	-68.03	5.85	12.60	V
	5597.34	-61.44	-13	-48.44	-78.19	-67.24	7.30	13.10	V
	7463.12	-55.56	-13	-42.56	-77.97	-58.71	8.35	11.50	V
Highest	3761.56	-62.09	-13	-49.09	-76.54	-68.83	5.88	12.62	H
	5642.34	-61.31	-13	-48.31	-78.20	-67.12	7.32	13.13	H
	7523.12	-56.25	-13	-43.25	-78.54	-59.41	8.38	11.54	H
	3761.56	-61.83	-13	-48.83	-76.46	-68.57	5.88	12.62	V
	5642.34	-61.60	-13	-48.60	-78.38	-67.41	7.32	13.13	V
	7523.12	-56.42	-13	-43.42	-78.59	-59.58	8.38	11.54	V

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



EN-DC_66A_n2A / LTE 10MHz + NR 30MHz / QPSK ANT0(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 n2 Lowest	3481	-61.70	-13	-48.70	-78.78	-68.46	5.82	12.58	H
	5221.5	-60.28	-13	-47.28	-81.77	-66.00	7.28	13.00	H
	6962	-55.18	-13	-42.18	-81.19	-58.34	8.32	11.48	H
	3481	-61.89	-13	-48.89	-78.96	-68.65	5.82	12.58	V
	5221.5	-60.08	-13	-47.08	-81.82	-65.80	7.28	13.00	V
	6962	-54.48	-13	-41.48	-80.95	-57.64	8.32	11.48	V
LTE Band66 Lowest	3701.56	-62.43	-13	-49.43	-80.55	-69.19	5.82	12.58	H
	5652.34	-58.85	-13	-45.85	-81.98	-64.57	7.28	13.00	H
	7403.12	-54.07	-13	-41.07	-80.75	-57.23	8.32	11.48	H
	3701.56	-62.67	-13	-49.67	-80.69	-69.43	5.82	12.58	V
	5652.34	-59.14	-13	-46.14	-81.64	-64.86	7.28	13.00	V
	7403.12	-54.02	-13	-41.02	-80.72	-57.18	8.32	11.48	V
NR n2 Middle	3481	-62.16	-13	-49.16	-79.24	-68.91	5.85	12.60	H
	5221.5	-60.58	-13	-47.58	-82.07	-66.38	7.30	13.10	H
	6962	-55.68	-13	-42.68	-81.69	-58.83	8.35	11.50	H
	3481	-62.59	-13	-49.59	-79.66	-69.34	5.85	12.60	V
	5221.5	-60.09	-13	-47.09	-81.83	-65.89	7.30	13.10	V
	6962	-55.12	-13	-42.12	-81.59	-58.27	8.35	11.50	V
LTE Band66 Middle	3731.56	-62.87	-13	-49.87	-80.89	-69.62	5.85	12.60	H
	5597.34	-60.50	-13	-47.50	-82.76	-66.30	7.30	13.10	H
	7462.12	-54.84	-13	-41.84	-81.27	-57.99	8.35	11.50	H
	3731.56	-63.09	-13	-50.09	-81.03	-69.84	5.85	12.60	V
	5597.34	-60.37	-13	-47.37	-82.82	-66.17	7.30	13.10	V
	7462.12	-54.88	-13	-41.88	-81.31	-58.03	8.35	11.50	V
NR n2 Highest	3481	-61.81	-13	-48.81	-78.89	-68.55	5.88	12.62	H
	5221.5	-60.09	-13	-47.09	-81.58	-65.90	7.32	13.13	H
	6962	-54.93	-13	-41.93	-80.94	-58.09	8.38	11.54	H
	3481	-61.84	-13	-48.84	-78.91	-68.58	5.88	12.62	V
	5221.5	-59.81	-13	-46.81	-81.55	-65.62	7.32	13.13	V
	6962	-54.26	-13	-41.26	-80.73	-57.42	8.38	11.54	V
LTE Band66 Highest	3761.56	-62.39	-13	-49.39	-80.29	-69.13	5.88	12.62	H
	5642.34	-58.57	-13	-45.57	-81.67	-64.38	7.32	13.13	H
	7523.12	-54.28	-13	-41.28	-80.44	-57.44	8.38	11.54	H
	3761.56	-62.51	-13	-49.51	-80.34	-69.25	5.88	12.62	V
	5642.34	-59.36	-13	-46.36	-81.71	-65.17	7.32	13.13	V
	7523.12	-54.25	-13	-41.25	-80.39	-57.41	8.38	11.54	V

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



EN-DC_48A_n2A / LTE 20MHz + NR 30MHz / QPSK ANT5(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 n2 Lowest	3701.56	-63.33	-13	-50.33	-81.45	-70.09	5.82	12.58	H
	5652.34	-58.85	-13	-45.85	-81.98	-64.57	7.28	13.00	H
	7403.12	-58.70	-13	-45.70	-58.30	-61.86	8.32	11.48	H
	3701.56	-60.86	-13	-47.86	-78.88	-67.62	5.82	12.58	V
	5652.34	-59.27	-13	-46.27	-81.77	-64.99	7.28	13.00	V
	7403.12	-58.49	-13	-45.49	-58.11	-61.65	8.32	11.48	V
LTE Band48 Lowest	7241.00	-52.72	-40	-12.72	-52.18	-56.02	8.30	11.60	H
	10861.50	-53.74	-40	-13.74	-59.19	-55.26	10.48	12.00	H
	14482.00	-47.51	-40	-7.51	-58.48	-49.21	11.80	13.50	H
	7241.00	-52.94	-40	-12.94	-52.71	-56.24	8.30	11.60	V
	10861.50	-54.15	-40	-14.15	-59.24	-55.67	10.48	12.00	V
	14482.00	-48.08	-40	-8.08	-58.46	-49.78	11.80	13.50	V
NR n2 Middle	3731.56	-62.16	-13	-49.16	-80.18	-68.91	5.85	12.60	H
	5597.34	-59.67	-13	-46.67	-81.93	-65.47	7.30	13.10	H
	7463.12	-58.73	-13	-45.73	-58.21	-61.88	8.35	11.50	H
	3731.56	-60.31	-13	-47.31	-78.25	-67.06	5.85	12.60	V
	5597.34	-59.45	-13	-46.45	-81.9	-65.25	7.30	13.10	V
	7463.12	-58.77	-13	-45.77	-58.25	-61.92	8.35	11.50	V
LTE Band48 Middle	7241.00	-52.47	-40	-12.47	-51.93	-55.77	8.30	11.60	H
	10861.50	-53.77	-40	-13.77	-59.22	-55.29	10.48	12.00	H
	14482.00	-47.92	-40	-7.92	-58.89	-49.62	11.80	13.50	H
	7241.00	-52.49	-40	-12.49	-52.26	-55.79	8.30	11.60	V
	10861.50	-54.21	-40	-14.21	-59.3	-55.73	10.48	12.00	V
	14482.00	-48.39	-40	-8.39	-58.77	-50.09	11.80	13.50	V
NR n2 Highest	3761.56	-62.79	-13	-49.79	-80.69	-69.53	5.88	12.62	H
	5642.34	-58.54	-13	-45.54	-81.64	-64.35	7.32	13.13	H
	7523.12	-58.55	-13	-45.55	-57.87	-61.71	8.38	11.54	H
	3761.56	-61.21	-13	-48.21	-79.04	-67.95	5.88	12.62	V
	5642.34	-59.09	-13	-46.09	-81.44	-64.90	7.32	13.13	V
	7523.12	-58.55	-13	-45.55	-57.85	-61.71	8.38	11.54	V
LTE Band48 Highest	7241.00	-52.73	-40	-12.73	-52.19	-56.03	8.30	11.60	H
	10861.50	-53.81	-40	-13.81	-59.26	-55.33	10.48	12.00	H
	14482.00	-47.89	-40	-7.89	-58.86	-49.59	11.80	13.50	H
	7241.00	-52.83	-40	-12.83	-52.6	-56.13	8.30	11.60	V
	10861.50	-54.02	-40	-14.02	-59.11	-55.54	10.48	12.00	V
	14482.00	-48.27	-40	-8.27	-58.65	-49.97	11.80	13.50	V

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



EN-DC_5A_n2A / LTE 10MHz + NR 30MHz / QPSK ANT0(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 n2 Lowest	3701.56	-62.71	-13	-49.71	-80.83	-69.47	5.82	12.58	H
	5652.34	-58.58	-13	-45.58	-81.71	-64.30	7.28	13.00	H
	7403.12	-53.72	-13	-40.72	-80.40	-56.88	8.32	11.48	H
	3701.56	-62.58	-13	-49.58	-80.6	-69.34	5.82	12.58	V
	5652.34	-59.06	-13	-46.06	-81.56	-64.78	7.28	13.00	V
	7403.12	-53.54	-13	-40.54	-80.24	-56.70	8.32	11.48	V
LTE Band5 Lowest	1664.18	-65.73	-13	-52.73	-75.23	-68.96	3.98	9.36	H
	2496.27	-62.76	-13	-49.76	-76.96	-66.31	4.85	10.55	H
	3328.36	-62.17	-13	-49.17	-78.38	-67.10	5.50	12.58	H
	1664.18	-66.15	-13	-53.15	-75.25	-69.38	3.98	9.36	V
	2496.27	-62.96	-13	-49.96	-77.12	-66.51	4.85	10.55	V
	3328.36	-62.60	-13	-49.60	-78.57	-67.53	5.50	12.58	V
NR n2 Middle	3731.56	-62.16	-13	-49.16	-80.18	-68.91	5.85	12.60	H
	5597.34	-59.75	-13	-46.75	-82.01	-65.55	7.30	13.10	H
	7463.12	-54.22	-13	-41.22	-80.65	-57.37	8.35	11.50	H
	3731.56	-62.31	-13	-49.31	-80.25	-69.06	5.85	12.60	V
	5597.34	-59.41	-13	-46.41	-81.86	-65.21	7.30	13.10	V
	7463.12	-54.09	-13	-41.09	-80.52	-57.24	8.35	11.50	V
LTE Band5 Middle	1664.18	-65.64	-13	-52.64	-75.14	-68.89	4.00	9.40	H
	2496.27	-62.92	-13	-49.92	-77.12	-66.49	4.88	10.60	H
	3328.36	-62.03	-13	-49.03	-78.24	-66.96	5.52	12.60	H
	1664.18	-66.03	-13	-53.03	-75.13	-69.28	4.00	9.40	V
	2496.27	-62.75	-13	-49.75	-76.91	-66.32	4.88	10.60	V
	3328.36	-62.62	-13	-49.62	-78.59	-67.55	5.52	12.60	V
NR n2 Highest	3761.56	-62.60	-13	-49.60	-80.50	-69.34	5.88	12.62	H
	5642.34	-58.28	-13	-45.28	-81.38	-64.09	7.32	13.13	H
	7523.12	-54.38	-13	-41.38	-80.54	-57.54	8.38	11.54	H
	3761.56	-62.66	-13	-49.66	-80.49	-69.40	5.88	12.62	V
	5640	-58.91	-13	-45.91	-81.26	-64.72	7.32	13.13	V
	7523.12	-54.56	-13	-41.56	-80.7	-57.72	8.38	11.54	V
LTE Band5 Highest	1664.18	-66.38	-13	-53.38	-75.88	-69.55	4.10	9.42	H
	2496.27	-63.71	-13	-50.71	-77.91	-67.29	4.90	10.63	H
	3328.36	-62.58	-13	-49.58	-78.79	-67.50	5.55	12.62	H
	1664.18	-66.52	-13	-53.52	-75.62	-69.69	4.10	9.42	V
	2496.27	-63.39	-13	-50.39	-77.55	-66.97	4.90	10.63	V
	3328.36	-62.46	-13	-49.46	-78.43	-67.38	5.55	12.62	V

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



SA n5 / NR 25MHz / QPSK DFT-s-OFDM / ANT0									
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	1645	-67.24	-13	-54.24	-73.37	-70.49	4.00	9.40	H
	2467.5	-64.48	-13	-51.48	-74.74	-68.05	4.88	10.60	H
	3290	-63.20	-13	-50.20	-75.48	-68.13	5.52	12.60	H
	1645	-67.36	-13	-54.36	-73.41	-70.61	4.00	9.40	V
	2467.5	-64.00	-13	-51.00	-74.62	-67.57	4.88	10.60	V
	3290	-62.82	-13	-49.82	-75.57	-67.75	5.52	12.60	V

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



EN-DC_2A_n5A / LTE 20MHz + NR 25MHz / QPSK ANT0(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 n5 Lowest	1639	-66.25	-13	-53.25	-75.64	-69.48	3.98	9.36	H
	2459.5	-63.02	-13	-50.02	-77.14	-66.57	4.85	10.55	H
	3279	-61.24	-13	-48.24	-78.06	-66.17	5.50	12.58	H
	1639	-66.29	-13	-53.29	-75.42	-69.52	3.98	9.36	V
	2459.5	-62.95	-13	-49.95	-77.04	-66.50	4.85	10.55	V
	3279	-61.40	-13	-48.40	-78.05	-66.33	5.50	12.58	V
LTE Band2 Lowest	3751.18	-61.98	-13	-48.98	-79.88	-68.74	5.82	12.58	H
	5626.77	-58.10	-13	-45.10	-80.80	-63.82	7.28	13.00	H
	7502	-53.71	-13	-40.71	-79.93	-56.87	8.32	11.48	H
	3751.18	-61.89	-13	-48.89	-79.72	-68.65	5.82	12.58	V
	5626.77	-58.98	-13	-45.98	-81.4	-64.70	7.28	13.00	V
	7502	-54.01	-13	-41.01	-80.22	-57.17	8.32	11.48	V
NR n5 Middle	1645	-66.32	-13	-53.32	-75.71	-69.57	4.00	9.40	H
	2467.5	-63.53	-13	-50.53	-77.75	-67.10	4.88	10.60	H
	3290	-61.53	-13	-48.53	-78.03	-66.46	5.52	12.60	H
	1645	-66.45	-13	-53.45	-75.58	-69.70	4.00	9.40	V
	2467.5	-62.78	-13	-49.78	-76.97	-66.35	4.88	10.60	V
	3290	-61.86	-13	-48.86	-78.17	-66.79	5.52	12.60	V
LTE Band2 Middle	3751.18	-62.32	-13	-49.32	-80.22	-6.75	5.85	12.60	H
	5626.77	-58.40	-13	-45.40	-81.10	-5.80	7.30	13.10	H
	7502	-53.91	-13	-40.91	-80.13	-3.15	8.35	11.50	H
	3751.18	-61.95	-13	-48.95	-79.78	-6.75	5.85	12.60	V
	5626.77	-58.96	-13	-45.96	-81.38	-5.80	7.30	13.10	V
	7502	-53.97	-13	-40.97	-80.18	-3.15	8.35	11.50	V
NR n5 Highest	1650.5	-66.14	-13	-53.14	-75.63	-69.31	4.10	9.42	H
	2475	-62.64	-13	-49.64	-76.80	-66.22	4.90	10.63	H
	3301	-61.58	-13	-48.58	-78.08	-66.50	5.55	12.62	H
	1650.5	-66.61	-13	-53.61	-75.84	-69.78	4.10	9.42	V
	2475	-63.29	-13	-50.29	-77.42	-66.87	4.90	10.63	V
	3301	-61.97	-13	-48.97	-78.28	-66.89	5.55	12.62	V
LTE Band2 Highest	3751.18	-62.04	-13	-49.04	-79.94	-68.78	5.88	12.62	H
	5626.77	-58.33	-13	-45.33	-81.03	-64.14	7.32	13.13	H
	7502	-53.79	-13	-40.79	-80.01	-56.95	8.38	11.54	H
	3751.18	-62.04	-13	-49.04	-79.87	-68.78	5.88	12.62	V
	5626.77	-58.95	-13	-45.95	-81.37	-64.76	7.32	13.13	V
	7502	-53.72	-13	-40.72	-79.93	-56.88	8.38	11.54	V

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



EN-DC_30A_n5A / LTE 10MHz + NR 25MHz / 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 n5 Lowest	1639	-66.41	-13	-53.41	-75.80	-69.64	3.98	9.36	H
	2459.5	-62.61	-13	-49.61	-76.73	-66.16	4.85	10.55	H
	3279	-61.31	-13	-48.31	-78.13	-66.24	5.50	12.58	H
	1639	-66.67	-13	-53.67	-75.80	-69.90	3.98	9.36	V
	2459.5	-61.21	-13	-48.21	-75.30	-64.76	4.85	10.55	V
	3279	-61.37	-13	-48.37	-78.02	-66.30	5.50	12.58	V
LTE Band30 Lowest	4611.00	-61.09	-40	-21.09	-82.10	-67.34	6.30	12.55	H
	6916.50	-55.40	-40	-15.40	-81.11	-58.80	8.25	11.65	H
	9222.00	-49.71	-40	-9.71	-81.43	-52.06	9.50	11.85	H
	4611.00	-60.78	-40	-20.78	-82.17	-67.03	6.30	12.55	V
	6916.50	-54.97	-40	-14.97	-81.16	-58.37	8.25	11.65	V
	9222.00	-50.60	-40	-10.60	-81.5	-52.95	9.50	11.85	V
NR n5 Middle	1645	-66.04	-13	-53.04	-75.43	-69.29	4.00	9.40	H
	2467.5	-62.72	-13	-49.72	-76.94	-66.29	4.88	10.60	H
	3290	-61.26	-13	-48.26	-77.76	-66.19	5.52	12.60	H
	1645	-66.29	-13	-53.29	-75.42	-69.54	4.00	9.40	V
	2467.5	-62.02	-13	-49.02	-76.21	-65.59	4.88	10.60	V
	3290	-61.51	-13	-48.51	-77.82	-66.44	5.52	12.60	V
LTE Band30 Middle	4611.00	-61.13	-40	-21.13	-82.14	-6.25	6.45	12.70	H
	6916.50	-55.26	-40	-15.26	-80.97	-3.40	8.40	11.80	H
	9222.00	-50.55	-40	-10.55	-82.27	-2.35	9.65	12.00	H
	4611.00	-60.67	-40	-20.67	-82.06	-6.25	6.45	12.70	V
	6916.50	-54.88	-40	-14.88	-81.07	-3.40	8.40	11.80	V
	9222.00	-50.19	-40	-10.19	-81.09	-2.35	9.65	12.00	V
NR n5 Highest	1650.5	-66.19	-13	-53.19	-75.68	-69.36	4.10	9.42	H
	2475	-63.52	-13	-50.52	-77.68	-67.10	4.90	10.63	H
	3301	-61.76	-13	-48.76	-78.26	-66.68	5.55	12.62	H
	1650.5	-66.69	-13	-53.69	-75.92	-69.86	4.10	9.42	V
	2475	-63.27	-13	-50.27	-77.40	-66.85	4.90	10.63	V
	3301	-61.83	-13	-48.83	-78.14	-66.75	5.55	12.62	V
LTE Band30 Highest	4611.00	-61.19	-40	-21.19	-82.20	-67.44	6.61	12.86	H
	6916.50	-55.46	-40	-15.46	-81.17	-58.84	8.56	11.94	H
	9222.00	-49.75	-40	-9.75	-81.47	-52.10	9.81	12.16	H
	4611.00	-60.57	-40	-20.57	-81.96	-66.82	6.61	12.86	V
	6916.50	-54.82	-40	-14.82	-81.01	-58.20	8.56	11.94	V
	9222.00	-50.55	-40	-10.55	-81.45	-52.90	9.81	12.16	V

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



EN-DC_48A_n5A / LTE 20MHz + NR 25MHz / QPSK ANT5(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 n5 Lowest	1639	-66.64	-13	-53.64	-76.03	-69.87	3.98	9.36	H
	2459.5	-63.32	-13	-50.32	-77.44	-66.87	4.85	10.55	H
	3279	-59.44	-13	-46.44	-76.26	-64.37	5.50	12.58	H
	1639	-66.72	-13	-53.72	-75.85	-69.95	3.98	9.36	V
	2459.5	-64.15	-13	-51.15	-78.24	-67.70	4.85	10.55	V
	3279	-59.52	-13	-46.52	-76.17	-64.45	5.50	12.58	V
LTE Band48 Lowest	7241.00	-53.62	-40	-13.62	-53.08	-56.95	8.25	11.58	H
	10861.50	-53.70	-40	-13.70	-59.15	-55.25	10.45	12.00	H
	14482.00	-47.30	-40	-7.30	-58.27	-49.01	11.74	13.45	H
	7241.00	-52.47	-40	-12.47	-52.24	-55.80	8.25	11.58	V
	10861.50	-53.80	-40	-13.80	-58.89	-55.35	10.45	12.00	V
	14482.00	-48.07	-40	-8.07	-58.45	-49.78	11.74	13.45	V
NR n5 Middle	1645	-66.72	-13	-53.72	-76.11	-69.97	4.00	9.40	H
	2467.5	-63.51	-13	-50.51	-77.73	-67.08	4.88	10.60	H
	3290	-60.34	-13	-47.34	-76.84	-65.27	5.52	12.60	H
	1645	-67.22	-13	-54.22	-76.35	-70.47	4.00	9.40	V
	2467.5	-63.08	-13	-50.08	-77.27	-66.65	4.88	10.60	V
	3290	-60.46	-13	-47.46	-76.77	-65.39	5.52	12.60	V
LTE Band48 Middle	7241.00	-52.46	-40	-12.46	-51.92	-3.30	8.30	11.60	H
	10861.50	-53.45	-40	-13.45	-58.90	-1.52	10.48	12.00	H
	14482.00	-47.60	-40	-7.60	-58.57	-1.70	11.80	13.50	H
	7241.00	-52.01	-40	-12.01	-51.78	-3.30	8.30	11.60	V
	10861.50	-53.19	-40	-13.19	-58.28	-1.52	10.48	12.00	V
	14482.00	-48.06	-40	-8.06	-58.44	-1.70	11.80	13.50	V
NR n5 Highest	1650.5	-66.67	-13	-53.67	-76.16	-69.84	4.10	9.42	H
	2475	-63.78	-13	-50.78	-77.94	-67.36	4.90	10.63	H
	3301	-60.18	-13	-47.18	-76.68	-65.10	5.55	12.62	H
	1650.5	-66.98	-13	-53.98	-76.21	-70.15	4.10	9.42	V
	2475	-64.20	-13	-51.20	-78.33	-67.78	4.90	10.63	V
	3301	-59.32	-13	-46.32	-75.63	-64.24	5.55	12.62	V
LTE Band48 Highest	7241.00	-53.92	-40	-13.92	-53.38	-57.22	8.32	11.62	H
	10861.50	-53.43	-40	-13.43	-58.88	-55.11	10.52	12.20	H
	14482.00	-47.38	-40	-7.38	-58.35	-49.08	11.85	13.55	H
	7241.00	-53.02	-40	-13.02	-52.79	-56.32	8.32	11.62	V
	10861.50	-53.80	-40	-13.80	-58.89	-55.48	10.52	12.20	V
	14482.00	-48.07	-40	-8.07	-58.45	-49.77	11.85	13.55	V

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



SA n12 / NR 15MHz / QPSK DFT-s-OFDM / ANT0									
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	1397.94	-63.82	-13	-50.82	-71.82	-67.05	3.98	9.36	H
	2096.91	-63.31	-13	-50.31	-72.76	-66.86	4.85	10.55	H
	2795.88	-63.46	-13	-50.46	-75.26	-68.39	5.50	12.58	H
	1397.94	-63.91	-13	-50.91	-71.98	-67.14	3.98	9.36	V
	2096.91	-64.32	-13	-51.32	-74.14	-67.87	4.85	10.55	V
	2795.88	-62.96	-13	-49.96	-74.99	-67.89	5.50	12.58	V
Middle	1401.088	-64.39	-13	-51.39	-72.41	-67.64	4.00	9.40	H
	2101.632	-63.84	-13	-50.84	-73.38	-67.41	4.88	10.60	H
	2802.176	-63.16	-13	-50.16	-75.00	-68.09	5.52	12.60	H
	1401.088	-64.50	-13	-51.50	-72.59	-67.75	4.00	9.40	V
	2101.632	-62.81	-13	-49.81	-72.72	-66.38	4.88	10.60	V
	2802.176	-63.06	-13	-50.06	-75.13	-67.99	5.52	12.60	V
Highest	1401.4	-63.93	-13	-50.93	-71.94	-67.10	4.10	9.42	H
	2102.1	-63.35	-13	-50.35	-72.90	-66.93	4.90	10.63	H
	2802.8	-63.33	-13	-50.33	-75.17	-68.25	5.55	12.62	H
	1401.4	-64.46	-13	-51.46	-72.55	-67.63	4.10	9.42	V
	2102.1	-64.45	-13	-51.45	-74.37	-68.03	4.90	10.63	V
	2802.8	-62.83	-13	-49.83	-74.91	-67.75	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 ANT0(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 n12 Lowest	1399.98	-66.18	-13	-53.18	-76.30	-69.41	3.98	9.36	H
	2099.97	-64.42	-13	-51.42	-77.08	-67.97	4.85	10.55	H
	2799.96	-62.21	-13	-49.21	-78.09	-67.14	5.50	12.58	H
	1399.98	-66.73	-13	-53.73	-76.41	-69.96	3.98	9.36	V
	2099.97	-64.20	-13	-51.20	-76.81	-67.75	4.85	10.55	V
	2799.96	-61.74	-13	-48.74	-77.81	-66.67	5.50	12.58	V
LTE Band66 Lowest	3751.18	-61.93	-13	-48.93	-79.83	-68.69	5.82	12.58	H
	5626.77	-58.66	-13	-45.66	-81.36	-64.38	7.28	13.00	H
	7502	-54.80	-13	-41.80	-81.02	-57.96	8.32	11.48	H
	3751.18	-62.37	-13	-49.37	-80.2	-69.13	5.82	12.58	V
	5626.77	-59.27	-13	-46.27	-81.69	-64.99	7.28	13.00	V
	7502	-54.75	-13	-41.75	-80.96	-57.91	8.32	11.48	V
NR n12 Middle	1401.98	-65.76	-13	-52.76	-75.88	-69.01	4.00	9.40	H
	2102.97	-64.25	-13	-51.25	-76.91	-67.82	4.88	10.60	H
	2803.96	-62.02	-13	-49.02	-77.90	-66.95	5.52	12.60	H
	1401.98	-66.25	-13	-53.25	-75.93	-69.50	4.00	9.40	V
	2102.97	-64.08	-13	-51.08	-76.69	-67.65	4.88	10.60	V
	2803.96	-61.90	-13	-48.90	-77.97	-66.83	5.52	12.60	V
LTE Band66 Middle	3751.18	-61.81	-13	-48.81	-79.71	-6.75	5.85	12.60	H
	5626.77	-58.21	-13	-45.21	-80.91	-5.80	7.30	13.10	H
	7502	-54.48	-13	-41.48	-80.70	-3.15	8.35	11.50	H
	3751.18	-61.75	-13	-48.75	-79.58	-6.75	5.85	12.60	V
	5626.77	-58.98	-13	-45.98	-81.4	-5.80	7.30	13.10	V
	7502	-54.45	-13	-41.45	-80.66	-3.15	8.35	11.50	V
NR n12 Highest	1403.98	-65.46	-13	-52.46	-75.58	-68.63	4.10	9.42	H
	2105.97	-63.95	-13	-50.95	-76.61	-67.53	4.90	10.63	H
	2807.96	-62.75	-13	-49.75	-78.63	-67.67	5.55	12.62	H
	1403.98	-66.13	-13	-53.13	-75.81	-69.30	4.10	9.42	V
	2105.97	-64.32	-13	-51.32	-76.93	-67.90	4.90	10.63	V
	2807.96	-62.48	-13	-49.48	-78.55	-67.40	5.55	12.62	V
LTE Band66 Highest	3751.18	-62.19	-13	-49.19	-80.09	-68.93	5.88	12.62	H
	5626.77	-58.61	-13	-45.61	-81.31	-64.42	7.32	13.13	H
	7502	-54.35	-13	-41.35	-80.57	-57.51	8.38	11.54	H
	3751.18	-62.18	-13	-49.18	-80.01	-68.92	5.88	12.62	V
	5626.77	-58.97	-13	-45.97	-81.39	-64.78	7.32	13.13	V
	7502	-54.62	-13	-41.62	-80.83	-57.78	8.38	11.54	V

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



SA n25 / NR 40MHz / QPSK DFT-s-OFDM / ANT0									
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	3681.5	-62.20	-13	-49.20	-76.49	-68.96	5.82	12.58	H
	5522.25	-62.41	-13	-49.41	-78.93	-68.13	7.28	13.00	H
	7363	-56.77	-13	-43.77	-79.26	-59.93	8.32	11.48	H
	3681.5	-61.86	-13	-48.86	-76.49	-68.62	5.82	12.58	V
	5522.25	-62.26	-13	-49.26	-78.9	-67.98	7.28	13.00	V
	7363	-56.56	-13	-43.56	-79.1	-59.72	8.32	11.48	V
Middle	3726.6	-61.95	-13	-48.95	-76.34	-68.70	5.85	12.60	H
	5589.9	-61.73	-13	-48.73	-78.51	-67.53	7.30	13.10	H
	7453.2	-55.77	-13	-42.77	-78.26	-58.92	8.35	11.50	H
	3726.6	-61.62	-13	-48.62	-76.26	-68.37	5.85	12.60	V
	5589.9	-61.52	-13	-48.52	-78.26	-67.32	7.30	13.10	V
	7453.2	-56.05	-13	-43.05	-78.51	-59.20	8.35	11.50	V
Highest	3771.36	-62.34	-13	-49.34	-76.82	-69.08	5.88	12.62	H
	5657.04	-61.77	-13	-48.77	-78.71	-67.58	7.32	13.13	H
	7542.72	-56.61	-13	-43.61	-78.85	-59.77	8.38	11.54	H
	3771.36	-62.09	-13	-49.09	-76.73	-68.83	5.88	12.62	V
	5657.04	-62.18	-13	-49.18	-79.05	-67.99	7.32	13.13	V
	7542.72	-56.64	-13	-43.64	-78.73	-59.80	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 40MHz / QPSK ANT0(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	3702.48	-62.15	-13	-49.15	-80.27	-68.91	5.82	12.58	H
	5553.72	-60.34	-13	-47.34	-82.44	-66.06	7.28	13.00	H
	7404.96	-54.02	-13	-41.02	-80.70	-57.18	8.32	11.48	H
	3702.48	-62.54	-13	-49.54	-80.56	-69.30	5.82	12.58	V
	5553.72	-60.01	-13	-47.01	-82.29	-65.73	7.28	13.00	V
	7404.96	-54.28	-13	-41.28	-80.98	-57.44	8.32	11.48	V
LTE Band66 Lowest	3481	-62.12	-13	-49.12	-79.20	-68.88	5.82	12.58	H
	5221.5	-60.03	-13	-47.03	-81.52	-65.75	7.28	13.00	H
	6962	-55.32	-13	-42.32	-81.33	-58.48	8.32	11.48	H
	3481	-62.18	-13	-49.18	-79.25	-68.94	5.82	12.58	V
	5221.5	-60.13	-13	-47.13	-81.87	-65.85	7.28	13.00	V
	6962	-54.56	-13	-41.56	-81.03	-57.72	8.32	11.48	V
NR n25 Middle	3727.48	-62.29	-13	-49.29	-79.24	-68.70	5.85	12.60	H
	5591.22	-59.98	-13	-46.98	-81.23	-67.53	7.30	13.10	H
	7454.96	-54.48	-13	-41.48	-80.97	-58.92	8.35	11.50	H
	3727.48	-62.63	-13	-49.63	-79.14	-68.37	5.85	12.60	V
	5591.22	-59.52	-13	-46.52	-81.45	-67.32	7.30	13.10	V
	7454.96	-54.49	-13	-41.49	-81.22	-59.20	8.35	11.50	V
LTE Band66 Middle	3481	-62.16	-13	-49.16	-80.28	-68.70	5.85	12.60	H
	5221.5	-59.74	-13	-46.74	-82.24	-67.53	7.30	13.10	H
	6962	-54.96	-13	-41.96	-80.91	-58.92	8.35	11.50	H
	3481	-62.07	-13	-49.07	-80.53	-68.37	5.85	12.60	V
	5221.5	-59.71	-13	-46.71	-81.97	-67.32	7.30	13.10	V
	6962	-54.75	-13	-41.75	-80.92	-59.20	8.35	11.50	V
NR n25 Highest	3752.5	-62.64	-13	-49.64	-80.54	-69.38	5.88	12.62	H
	5628.75	-58.95	-13	-45.95	-81.61	-64.76	7.32	13.13	H
	7505	-54.85	-13	-41.85	-81.03	-58.01	8.38	11.54	H
	3752.5	-62.58	-13	-49.58	-80.41	-69.32	5.88	12.62	V
	5628.75	-59.65	-13	-46.65	-82.03	-65.46	7.32	13.13	V
	7505	-55.09	-13	-42.09	-81.26	-58.25	8.38	11.54	V
LTE Band66 Highest	3481	-62.45	-13	-49.45	-79.53	-69.19	5.88	12.62	H
	5221.5	-60.31	-13	-47.31	-81.80	-66.12	7.32	13.13	H
	6962	-55.52	-13	-42.52	-81.53	-58.68	8.38	11.54	H
	3481	-62.21	-13	-49.21	-79.28	-68.95	5.88	12.62	V
	5221.5	-60.31	-13	-47.31	-82.05	-66.12	7.32	13.13	V
	6962	-54.97	-13	-41.97	-81.44	-58.13	8.38	11.54	V

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



SA n26 / NR 20MHz / QPSK DFT-s-OFDM / ANT0									
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	1649.24	-66.17	-13	-53.17	-75.65	-69.40	3.98	9.36	H
	2473.86	-62.68	-13	-49.68	-77.23	-66.23	4.85	10.55	H
	3298.48	-62.28	-13	-49.28	-78.27	-67.21	5.50	12.58	H
	1649.24	-66.19	-13	-53.19	-75.41	-69.42	3.98	9.36	V
	2473.86	-63.03	-13	-50.03	-77.55	-66.58	4.85	10.55	V
	3298.48	-62.57	-13	-49.57	-78.37	-67.50	5.50	12.58	V
Middle	1654.24	-66.31	-13	-53.31	-75.79	-69.56	4.00	9.40	H
	2481.36	-62.99	-13	-49.99	-77.54	-66.56	4.88	10.60	H
	3308.48	-62.08	-13	-49.08	-77.90	-67.01	5.52	12.60	H
	1654.24	-66.44	-13	-53.44	-75.66	-69.69	4.00	9.40	V
	2481.36	-62.93	-13	-49.93	-77.45	-66.50	4.88	10.60	V
	3308.48	-62.40	-13	-49.40	-78.00	-67.33	5.52	12.60	V
Highest	1659.24	-66.28	-13	-53.28	-75.80	-69.45	4.10	9.42	H
	2488.86	-62.86	-13	-49.86	-77.35	-66.44	4.90	10.63	H
	3318.24	-62.71	-13	-49.71	-78.53	-67.63	5.55	12.62	H
	1659.24	-66.42	-13	-53.42	-75.54	-69.59	4.10	9.42	V
	2488.86	-63.07	-13	-50.07	-77.52	-66.65	4.90	10.63	V
	3318.24	-62.83	-13	-49.83	-78.43	-67.75	5.55	12.62	V

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