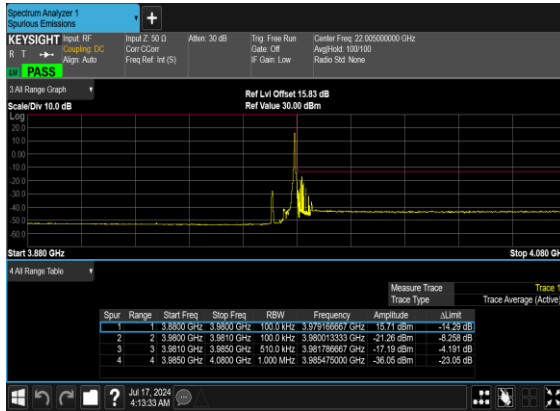
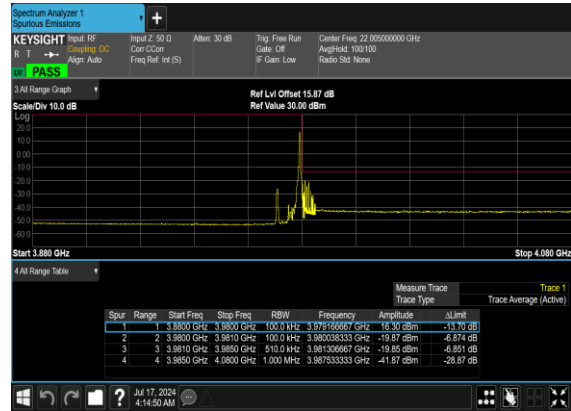




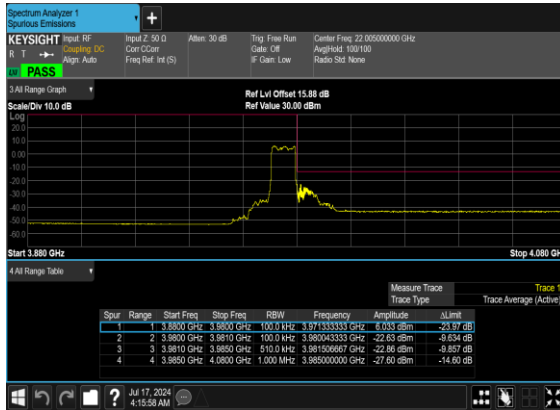
B2_N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



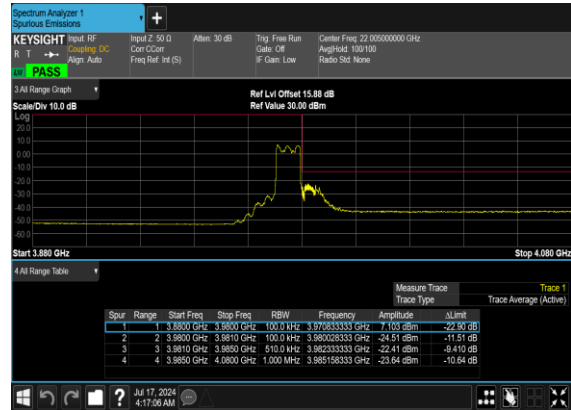
B2_N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B2_N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

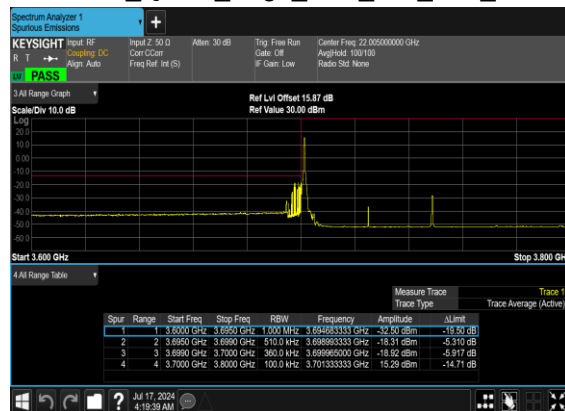




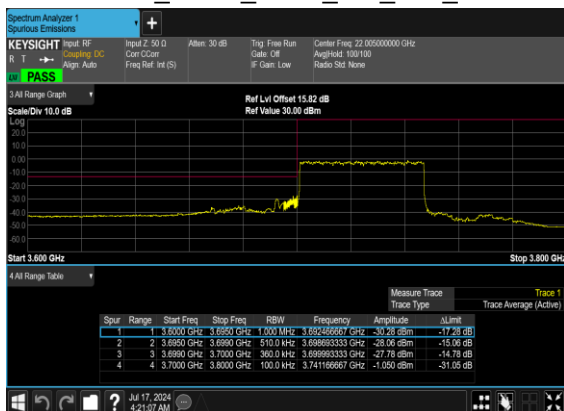
B2_N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



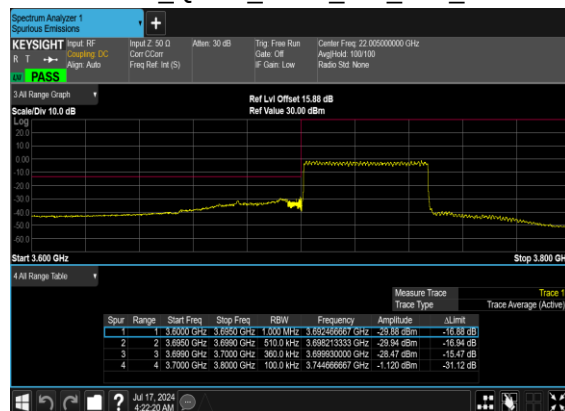
B2_N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

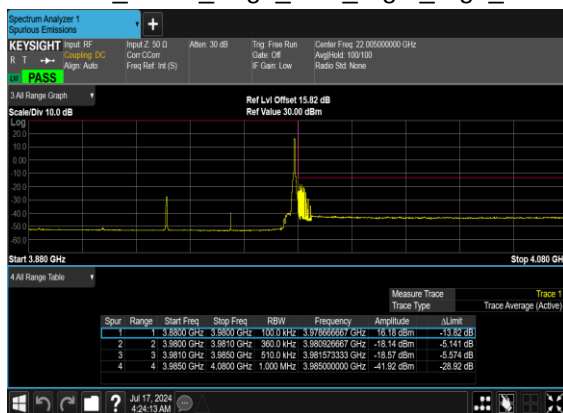
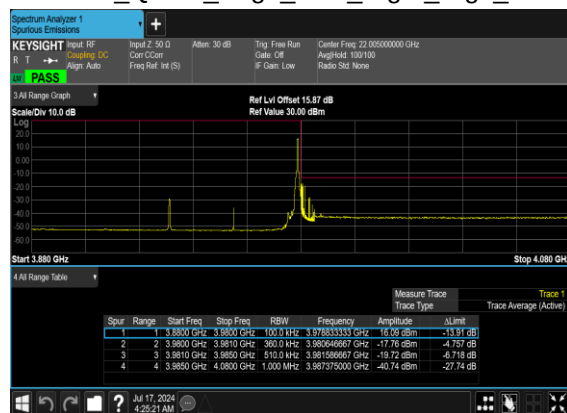
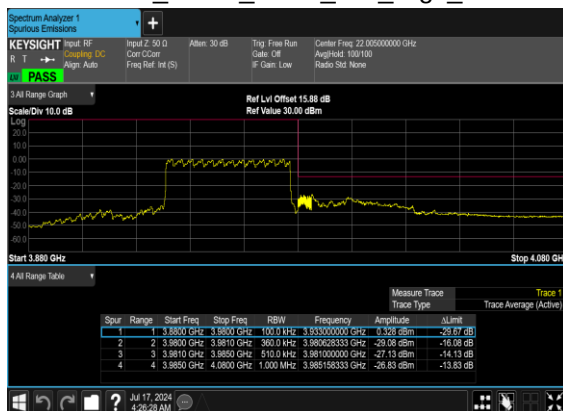
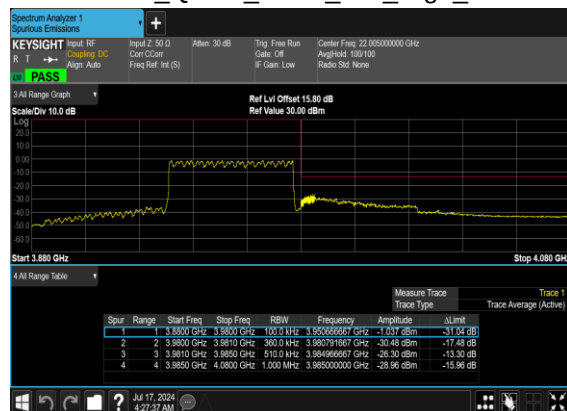


B2_N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



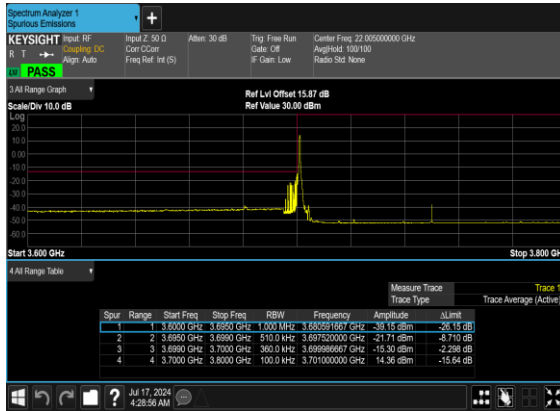
B2_N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



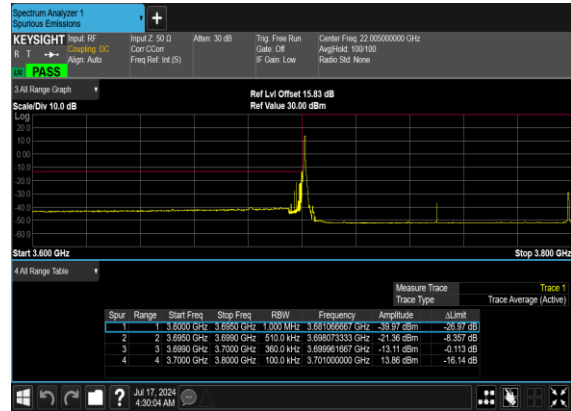
B2_N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CHB2_N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CHB2_N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CHB2_N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



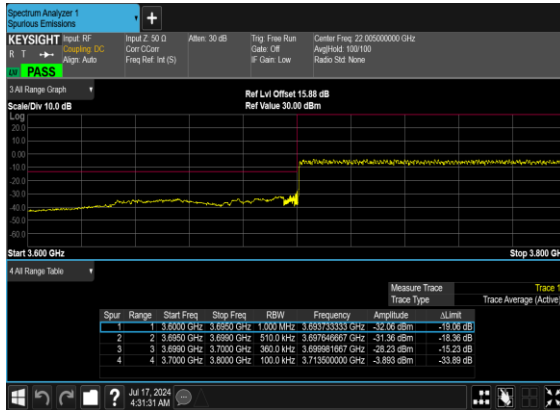
B2_N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



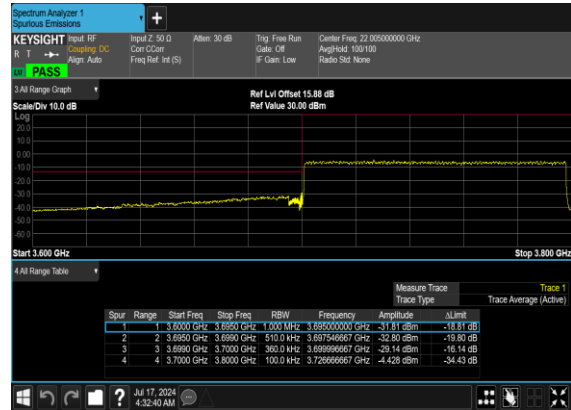
B2_N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



B2_N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH





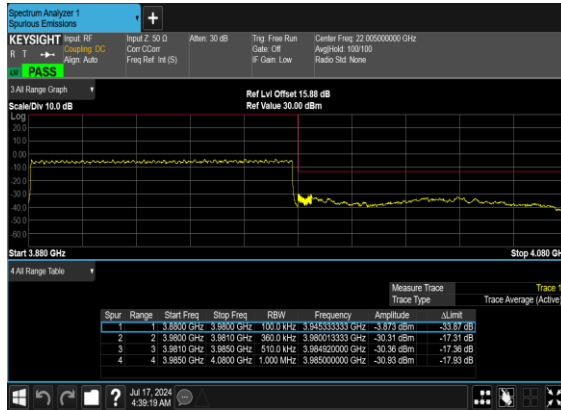
B2_N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B2_N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B2_N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N78_ANT6

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=0.1dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	22.64	22.74	0.1879
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	21.65	21.75	0.1496
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	22.78	22.88	0.1941
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.76	21.86	0.1535
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	22.83	22.93	0.1963
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	21.91	22.01	0.1589
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	22.69	22.79	0.1901
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	21.75	21.85	0.1531
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	22.86	22.96	0.1977
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.87	21.97	0.1574
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	22.91	23.01	0.2000
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	22	22.1	0.1622
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	22.69	22.79	0.1901
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	21.7	21.8	0.1514
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	22.87	22.97	0.1982
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.91	22.01	0.1589
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	22.97	23.07	0.2028
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	21.97	22.07	0.1611
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	22.83	22.93	0.1963
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	21.92	22.02	0.1592
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	22.94	23.04	0.2014
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.92	22.02	0.1592
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	23.04	23.14	0.2061
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	22.08	22.18	0.1652
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	22.95	23.05	0.2018
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	22.11	22.21	0.1663



78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	23.11	23.21	0.2094
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.14	22.24	0.1675
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	23.06	23.16	0.2070
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	22.22	22.32	0.1706
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	22.51	22.61	0.1824
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	21.57	21.67	0.1469
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	22.76	22.86	0.1932
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.85	21.95	0.1567
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	22.58	22.68	0.1854
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	21.75	21.85	0.1531
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	22.33	22.43	0.1750
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	21.47	21.57	0.1435
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	22.57	22.67	0.1849
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.62	21.72	0.1486
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	22.57	22.67	0.1849
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	21.51	21.61	0.1449
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	22.54	22.64	0.1837
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	21.54	21.64	0.1459
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	22.71	22.81	0.1910
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.8	21.9	0.1549
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	22.74	22.84	0.1923
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	21.81	21.91	0.1552
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	22.42	22.52	0.1786
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	21.58	21.68	0.1472
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	22.54	22.64	0.1837
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.69	21.79	0.1510
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	22.68	22.78	0.1897
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	21.67	21.77	0.1503
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	22.54	22.64	0.1837
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	21.55	21.65	0.1462
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	22.54	22.64	0.1837
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.49	21.59	0.1442



78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	22.57	22.67	0.1849
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	21.57	21.67	0.1469
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	23.02	23.12	0.2051
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.79	22.89	0.1945
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	23.12	23.22	0.2099
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	23.05	23.15	0.2065
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	22.72	22.82	0.1914
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	23.1	23.2	0.2089
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	22.04	22.14	0.1637
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.95	22.05	0.1603
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	22.13	22.23	0.1671
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	20.53	20.63	0.1156
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.32	20.42	0.1102
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	20.68	20.78	0.1197
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	18.56	18.66	0.0735
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.17	18.27	0.0671
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	18.53	18.63	0.0729
78	30	100	650000	3750	CP-OFDM QPSK	137@68	21.53	21.63	0.1455
78	30	100	650000	3750	CP-OFDM QPSK	1@1	21.35	21.45	0.1396
78	30	100	650000	3750	CP-OFDM QPSK	1@271	21.6	21.7	0.1479



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

RSE pre-scanned harmonic for different antennas, choose the worst antenna perform final test and record in the report.

n77 SA / NR 100MHz / QPSK(ANT6)									
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	7402.4	-47.51	-13	-34.51	-56.43	-50.84	8.25	11.58	H
	11103.6	-49.14	-13	-36.14	-63.52	-50.69	10.45	12.00	H
	14804.8	-53.31	-13	-40.31	-70.37	-55.02	11.74	13.45	H
	7402.4	-48.72	-13	-35.72	-57.61	-52.05	8.25	11.58	V
	11103.6	-45.91	-13	-32.91	-62.22	-47.46	10.45	12.00	V
	14804.8	-52.70	-13	-39.70	-70.04	-54.41	11.74	13.45	V
Middle	7582.36	-51.52	-13	-38.52	-59.83	-54.82	8.32	11.62	H
	11373.54	-48.68	-13	-35.68	-63.02	-50.36	10.52	12.20	H
	15164.72	-52.09	-13	-39.09	-70.18	-53.79	11.85	13.55	H
	7582.36	-46.70	-13	-33.70	-55.01	-50.00	8.32	11.62	V
	11373.54	-42.10	-13	-29.10	-60.52	-43.78	10.52	12.20	V
	15164.72	-51.82	-13	-38.82	-69.9	-53.52	11.85	13.55	V
Highest	7762.4	-40.44	-13	-27.44	-48.28	-43.74	8.32	11.62	H
	11643.6	-45.80	-13	-32.80	-60.77	-47.48	10.52	12.20	H
	15524.8	-50.12	-13	-37.12	-69.44	-51.82	11.85	13.55	H
	7762.4	-38.27	-13	-25.27	-49.54	-41.57	8.32	11.62	V
	11643.6	-41.16	-13	-28.16	-58.98	-42.84	10.52	12.20	V
	15524.8	-51.69	-13	-38.69	-69.37	-53.39	11.85	13.55	V

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



EN-DC_14A_n77A / LTE 10MHz + NR 100MHz / QPSK(1+6)									
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 n77 Lowest	7402.4	-50.85	-13	-37.85	-78.23	-54.18	8.25	11.58	H
	11103.6	-49.57	-13	-36.57	-82.91	-51.12	10.45	12.00	H
	14804.8	-47.93	-13	-34.93	-81.87	-49.64	11.74	13.45	H
	7402.4	-48.27	-13	-35.27	-75.62	-51.60	8.25	11.58	V
	11103.6	-47.52	-13	-34.52	-82.79	-49.07	10.45	12.00	V
	14804.8	-47.64	-13	-34.64	-81.86	-49.35	11.74	13.45	V
LTE Band14 Lowest	1577	-64.91	-42.15	-22.76	-76.74	-68.16	4.00	9.40	H
	2365.5	-60.59	-13	-47.59	-79.19	-64.16	4.88	10.60	H
	3154	-58.47	-13	-45.47	-78.87	-63.40	5.52	12.60	H
	1577	-64.30	-42.15	-22.15	-76.70	-67.55	4.00	9.40	V
	2365.5	-60.22	-13	-47.22	-79.28	-63.79	4.88	10.60	V
	3154	-56.74	-13	-43.74	-79.07	-61.67	5.52	12.60	V
NR n77 Middle	7582.36	-49.93	-13	-36.93	-76.63	-53.23	8.30	11.60	H
	11373.54	-49.99	-13	-36.99	-82.64	-51.51	10.48	12.00	H
	15164.72	-46.51	-13	-33.51	-81.70	-48.21	11.80	13.50	H
	7582.36	-46.44	-13	-33.44	-73.14	-49.74	8.30	11.60	V
	11373.54	-41.29	-13	-28.29	-78.02	-42.81	10.48	12.00	V
	15164.72	-46.83	-13	-33.83	-82.01	-48.53	11.80	13.50	V
LTE Band14 Middle	1577	-64.85	-42.15	-22.70	-76.68	-68.10	4.00	9.40	H
	2365.5	-60.75	-13	-47.75	-79.35	-64.32	4.88	10.60	H
	3154	-58.62	-13	-45.62	-79.02	-63.55	5.52	12.60	H
	1577	-64.27	-42.15	-22.12	-76.67	-67.52	4.00	9.40	V
	2365.5	-59.98	-13	-46.98	-79.04	-63.55	4.88	10.60	V
	3154	-56.81	-13	-43.81	-79.14	-61.74	5.52	12.60	V
NR n77 Highest	7762.4	-44.89	-13	-31.89	-71.08	-48.19	8.32	11.62	H
	11643.6	-49.71	-13	-36.71	-82.49	-51.39	10.52	12.20	H
	15524.8	-44.58	-13	-31.58	-81.20	-46.28	11.85	13.55	H
	7762.4	-39.79	-13	-26.79	-69.41	-43.09	8.32	11.62	V
	11643.6	-46.71	-13	-33.71	-82.34	-48.39	10.52	12.20	V
	15524.8	-46.15	-13	-33.15	-81.13	-47.85	11.85	13.55	V
LTE Band14 Highest	1577	-64.76	-42.15	-22.61	-76.59	-68.01	4.00	9.40	H
	2365.5	-60.80	-13	-47.80	-79.40	-64.37	4.88	10.60	H
	3154	-58.71	-13	-45.71	-79.11	-63.64	5.52	12.60	H
	1577	-64.41	-42.15	-22.26	-76.81	-67.66	4.00	9.40	V
	2365.5	-60.11	-13	-47.11	-79.17	-63.68	4.88	10.60	V
	3154	-56.70	-13	-43.70	-79.03	-61.63	5.52	12.60	V

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