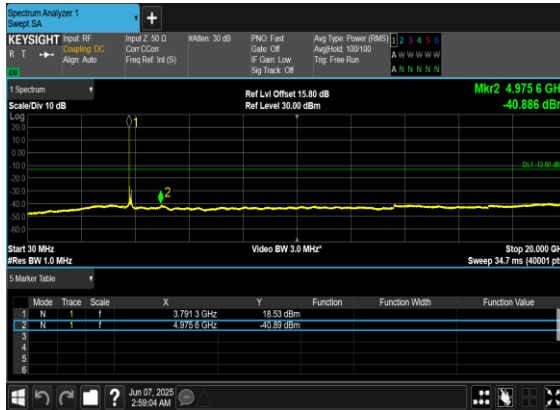




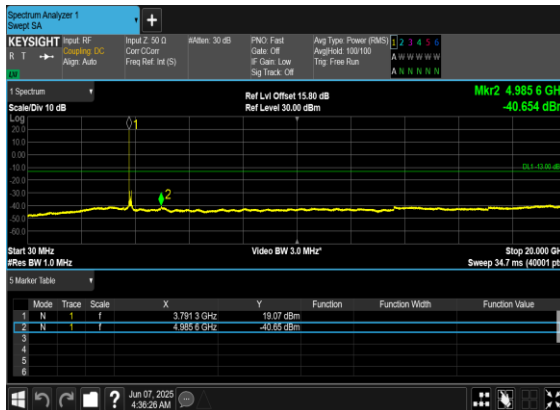
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



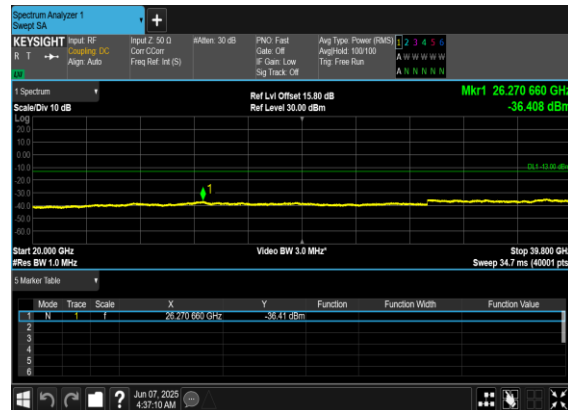
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

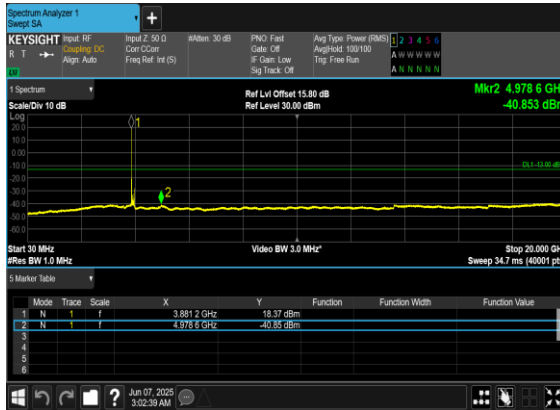


N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH





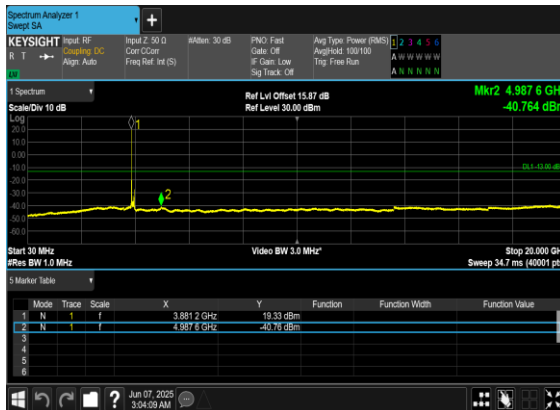
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



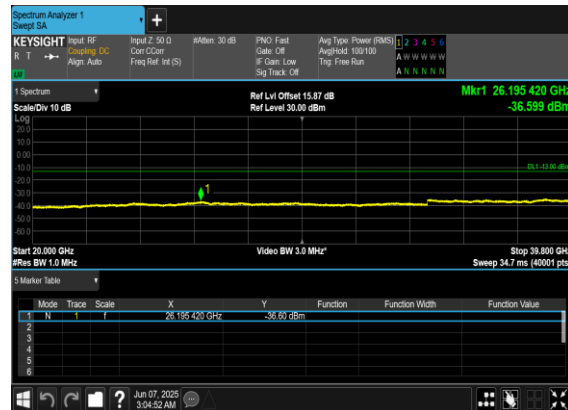
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N77(100M)_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
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@132	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@132	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	270@0	see graph	PASS



77	30	100	650000	3750.0	DFT-s-OFDM QPSK	270@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	270@0	see graph	PASS



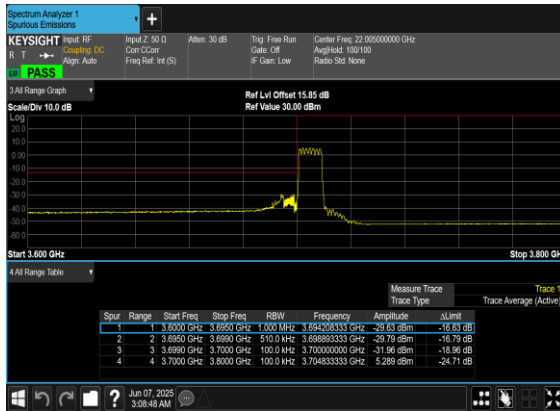
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



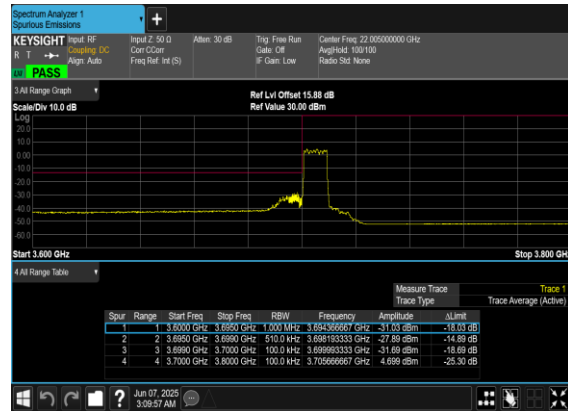
N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

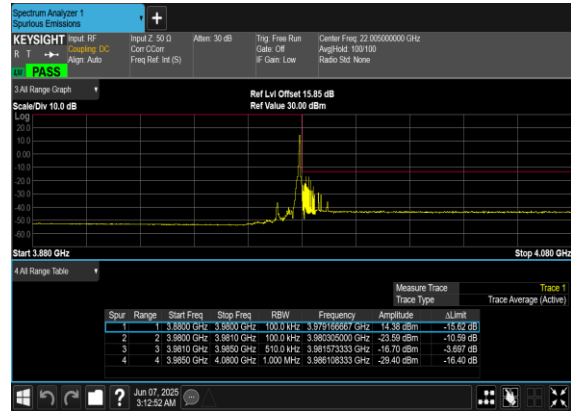




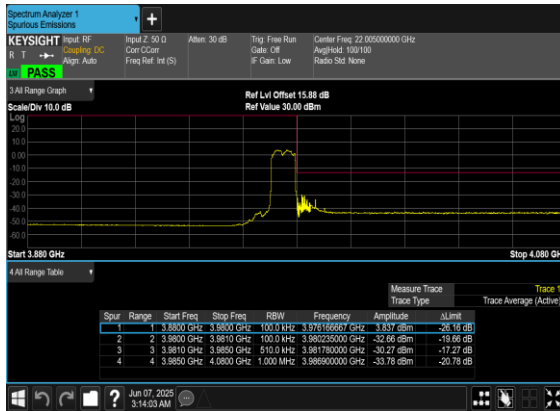
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



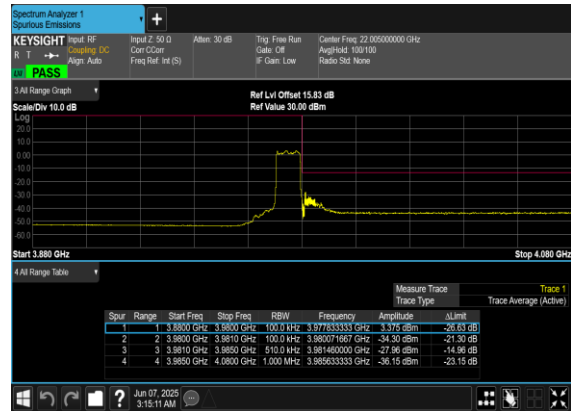
N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

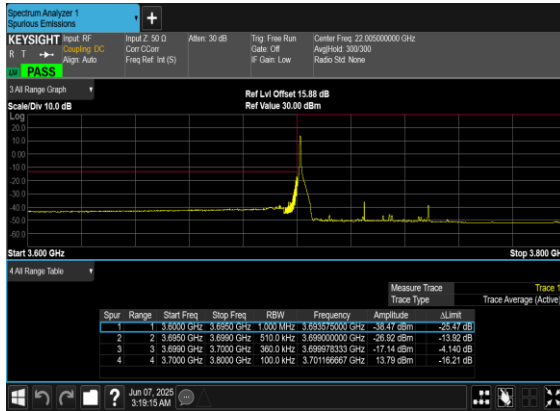


N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





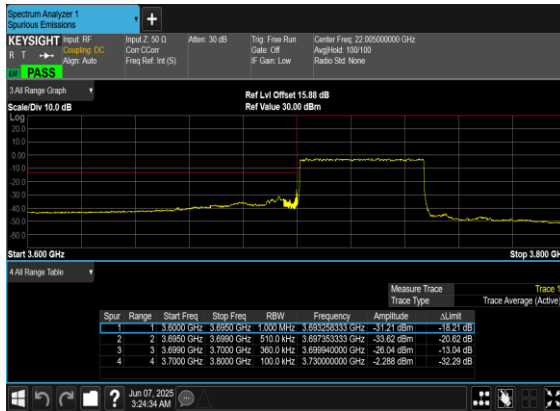
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



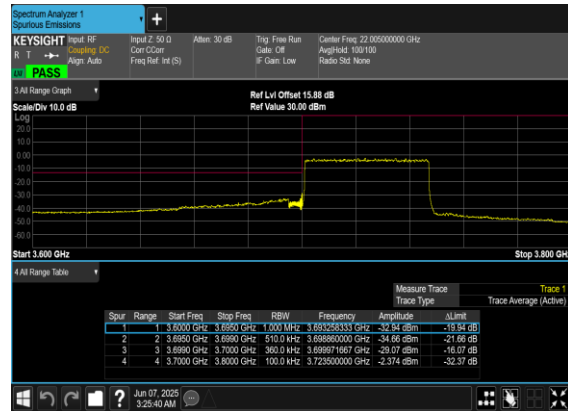
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

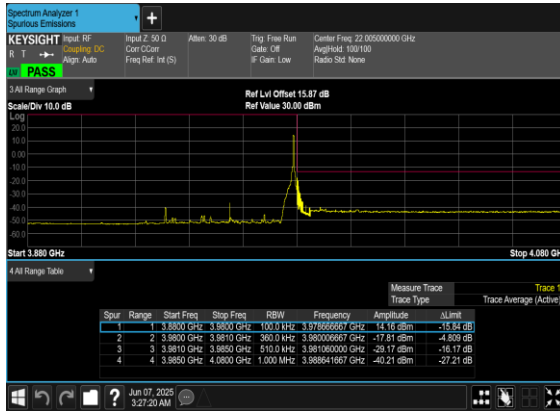


N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH





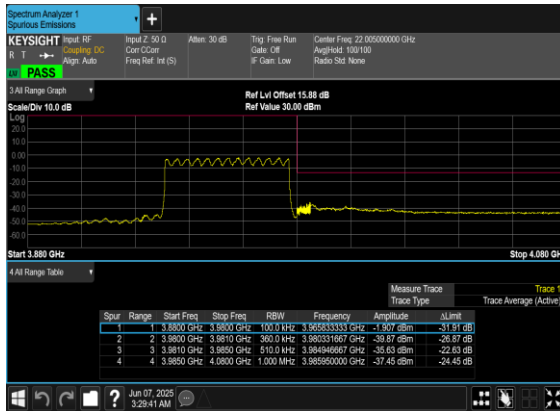
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



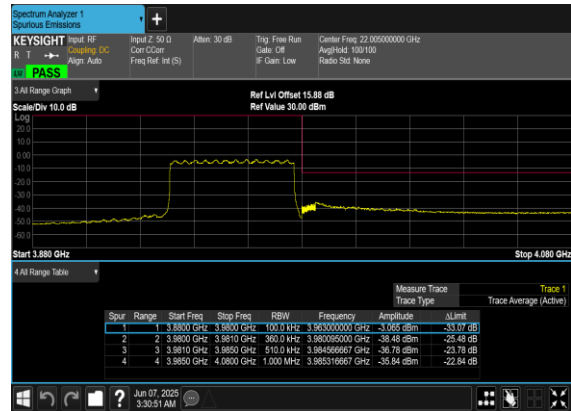
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

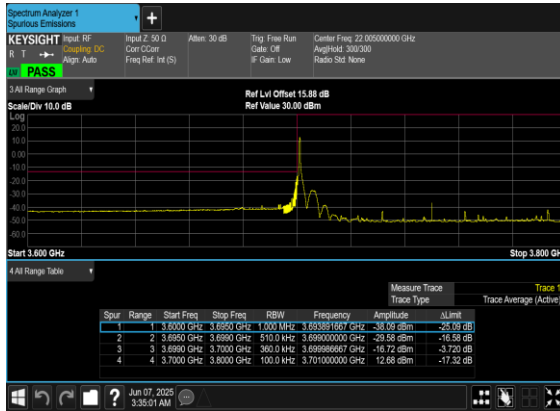


N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

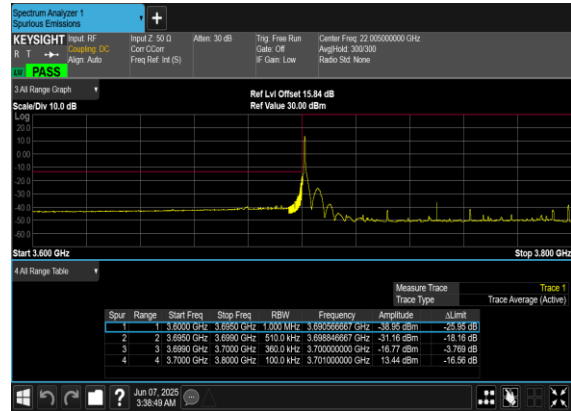




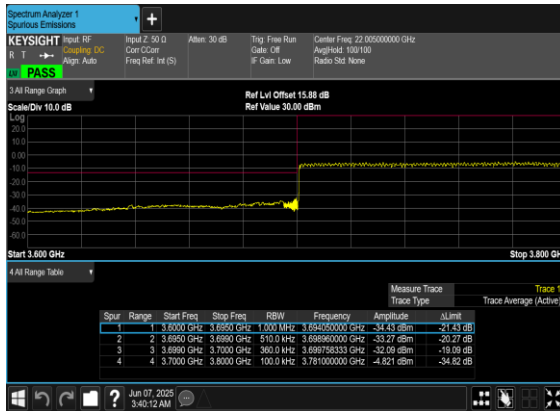
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



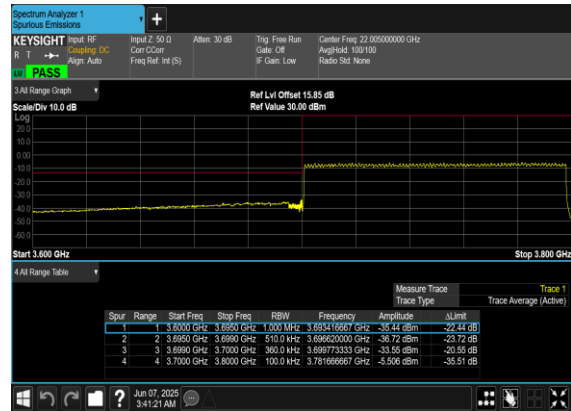
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

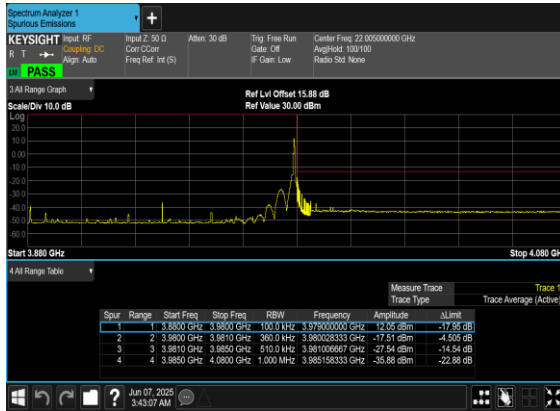


N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH





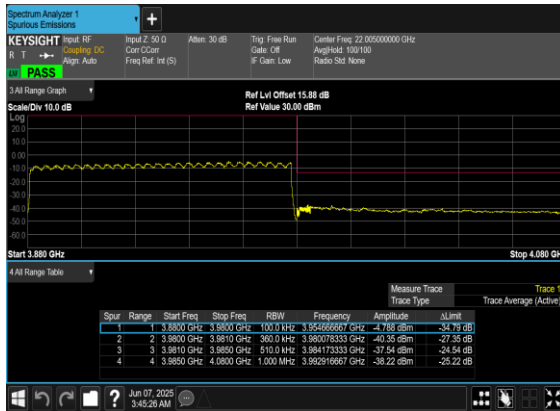
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



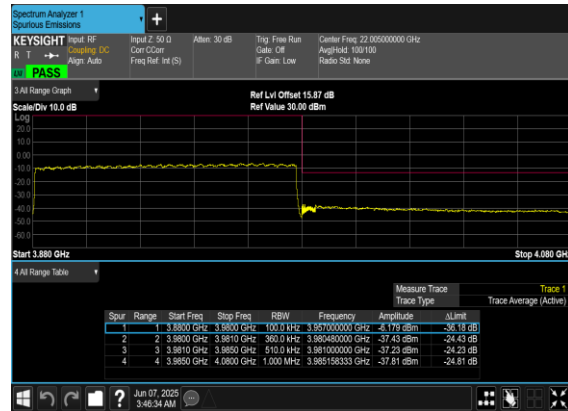
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





FR1 N78 ANT4

Transmitter Conducted Output Power And EIRP, (G_T-L_C)=2.05 dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	10	647000	3705	DFT-s-OFDM QPSK	12@6	25.17	27.22	0.5272
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	25	27.05	0.5070
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@22	25.01	27.06	0.5082
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	12@6	24.14	26.19	0.4159
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	24.04	26.09	0.4064
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@22	24.03	26.08	0.4055
78	30	10	650000	3750	DFT-s-OFDM QPSK	12@6	25.06	27.11	0.5140
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	24.97	27.02	0.5035
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@22	25	27.05	0.5070
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	12@6	24.11	26.16	0.4130
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.04	26.09	0.4064
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@22	24.07	26.12	0.4093
78	30	10	653000	3795	DFT-s-OFDM QPSK	12@6	25.01	27.06	0.5082
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	25.03	27.08	0.5105
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@22	24.94	26.99	0.5000
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	12@6	23.99	26.04	0.4018
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	23.93	25.98	0.3963
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@22	23.91	25.96	0.3945
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	18@9	25.13	27.18	0.5224
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	25.02	27.07	0.5093
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@36	25.09	27.14	0.5176
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	18@9	24.18	26.23	0.4198
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	24	26.05	0.4027
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@36	24	26.05	0.4027
78	30	15	650000	3750	DFT-s-OFDM QPSK	18@9	25.06	27.11	0.5140
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	24.98	27.03	0.5047
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@36	25.04	27.09	0.5117
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	18@9	24.09	26.14	0.4111
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.97	26.02	0.3999
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@36	24.1	26.15	0.4121
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	18@9	24.97	27.02	0.5035
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	24.91	26.96	0.4966
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@36	24.79	26.84	0.4831
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	18@9	23.98	26.03	0.4009



78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	24.11	26.16	0.4130
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@36	23.96	26.01	0.3990
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	25.16	27.21	0.5260
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	24.92	26.97	0.4977
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	24.92	26.97	0.4977
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	24.19	26.24	0.4207
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	23.78	25.83	0.3828
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	23.83	25.88	0.3873
78	30	20	650000	3750	DFT-s-OFDM QPSK	25@12	25.07	27.12	0.5152
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	24.91	26.96	0.4966
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@49	24.97	27.02	0.5035
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	25@12	24.06	26.11	0.4083
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.82	25.87	0.3864
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@49	23.89	25.94	0.3926
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	25@12	25.03	27.08	0.5105
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	25	27.05	0.5070
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@49	24.84	26.89	0.4887
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	25@12	24.03	26.08	0.4055
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	23.89	25.94	0.3926
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@49	23.76	25.81	0.3811
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	32@16	25.11	27.16	0.5200
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	24.87	26.92	0.4920
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@63	24.79	26.84	0.4831
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	32@16	24.14	26.19	0.4159
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	23.74	25.79	0.3793
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@63	23.68	25.73	0.3741
78	30	25	650000	3750	DFT-s-OFDM QPSK	32@16	25.06	27.11	0.5140
78	30	25	650000	3750	DFT-s-OFDM QPSK	1@1	24.85	26.9	0.4898
78	30	25	650000	3750	DFT-s-OFDM QPSK	1@63	24.91	26.96	0.4966
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	32@16	24.04	26.09	0.4064
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.8	25.85	0.3846
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	1@63	23.82	25.87	0.3864
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	32@16	25.06	27.11	0.5140
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	24.94	26.99	0.5000
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	1@63	24.74	26.79	0.4775
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	32@16	24.05	26.1	0.4074
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	23.97	26.02	0.3999
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@63	23.8	25.85	0.3846
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	36@18	25.16	27.21	0.5260
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	24.85	26.9	0.4898



78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@76	24.75	26.8	0.4786
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	36@18	24.16	26.21	0.4178
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	23.93	25.98	0.3963
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@76	23.83	25.88	0.3873
78	30	30	650000	3750	DFT-s-OFDM QPSK	36@18	25.08	27.13	0.5164
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	24.8	26.85	0.4842
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@76	24.85	26.9	0.4898
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	36@18	24.03	26.08	0.4055
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.64	25.69	0.3707
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@76	23.69	25.74	0.3750
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	36@18	25.06	27.11	0.5140
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	24.8	26.85	0.4842
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@76	24.62	26.67	0.4645
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	36@18	24.07	26.12	0.4093
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	23.76	25.81	0.3811
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@76	23.51	25.56	0.3597
78	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	25.15	27.2	0.5248
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	24.61	26.66	0.4634
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	24.49	26.54	0.4508
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	24.12	26.17	0.4140
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	23.75	25.8	0.3802
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	23.65	25.7	0.3715
78	30	40	650000	3750	DFT-s-OFDM QPSK	50@25	25.06	27.11	0.5140
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	24.53	26.58	0.4550
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@104	24.63	26.68	0.4656
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	50@25	24.06	26.11	0.4083
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.47	25.52	0.3565
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@104	23.52	25.57	0.3606
78	30	40	652000	3780	DFT-s-OFDM QPSK	50@25	25.11	27.16	0.5200
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	24.59	26.64	0.4613
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@104	24.4	26.45	0.4416
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	50@25	24.13	26.18	0.4150
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	23.31	25.36	0.3436
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@104	23.21	25.26	0.3357
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	64@32	25.16	27.21	0.5260
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	24.88	26.93	0.4932
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@131	24.71	26.76	0.4742
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	64@32	24.16	26.21	0.4178
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	23.91	25.96	0.3945
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@131	23.83	25.88	0.3873



78	30	50	650000	3750	DFT-s-OFDM QPSK	64@32	25.12	27.17	0.5212
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	24.86	26.91	0.4909
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@131	24.85	26.9	0.4898
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	64@32	24.11	26.16	0.4130
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.73	25.78	0.3784
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@131	23.75	25.8	0.3802
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	64@32	25.13	27.18	0.5224
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	24.76	26.81	0.4797
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@131	24.58	26.63	0.4603
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	64@32	24.11	26.16	0.4130
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	23.67	25.72	0.3733
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@131	23.5	25.55	0.3589
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	81@40	25.09	27.14	0.5176
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	24.78	26.83	0.4819
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@160	24.64	26.69	0.4667
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	81@40	24.09	26.14	0.4111
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	23.54	25.59	0.3622
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@160	23.45	25.5	0.3548
78	30	60	650000	3750	DFT-s-OFDM QPSK	81@40	25.07	27.12	0.5152
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	24.74	26.79	0.4775
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@160	24.72	26.77	0.4753
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	81@40	24.07	26.12	0.4093
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.68	25.73	0.3741
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@160	23.62	25.67	0.3690
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	81@40	25.12	27.17	0.5212
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	24.65	26.7	0.4677
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@160	24.54	26.59	0.4560
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	81@40	24.13	26.18	0.4150
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	23.74	25.79	0.3793
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@160	23.62	25.67	0.3690
78	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	25.14	27.19	0.5236
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	24.82	26.87	0.4864
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	24.72	26.77	0.4753
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	24.15	26.2	0.4169
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	23.62	25.67	0.3690
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	23.52	25.57	0.3606
78	30	70	650000	3750	DFT-s-OFDM QPSK	90@45	25.09	27.14	0.5176
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	24.71	26.76	0.4742
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@187	24.58	26.63	0.4603
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	90@45	24.09	26.14	0.4111



78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.69	25.74	0.3750
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@187	23.59	25.64	0.3664
78	30	70	651000	3765	DFT-s-OFDM QPSK	90@45	25.24	27.29	0.5358
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	24.68	26.73	0.4710
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@187	24.52	26.57	0.4539
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	90@45	24.21	26.26	0.4227
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	23.71	25.76	0.3767
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@187	23.51	25.56	0.3597
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	25.11	27.16	0.5200
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	24.57	26.62	0.4592
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	24.47	26.52	0.4487
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	24.11	26.16	0.4130
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	23.36	25.41	0.3475
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	23.25	25.3	0.3388
78	30	80	650000	3750	DFT-s-OFDM QPSK	108@54	25.09	27.14	0.5176
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	24.54	26.59	0.4560
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@215	24.39	26.44	0.4406
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	108@54	24.13	26.18	0.4150
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.57	25.62	0.3648
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@215	23.41	25.46	0.3516
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	108@54	25.14	27.19	0.5236
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	24.59	26.64	0.4613
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@215	24.4	26.45	0.4416
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	108@54	24.11	26.16	0.4130
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	23.47	25.52	0.3565
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@215	23.37	25.42	0.3483
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	120@60	25.14	27.19	0.5236
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	24.51	26.56	0.4529
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@243	24.31	26.36	0.4325
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	120@60	24.11	26.16	0.4130
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	23.41	25.46	0.3516
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@243	23.24	25.29	0.3381
78	30	90	650000	3750	DFT-s-OFDM QPSK	120@60	25.08	27.13	0.5164
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	24.42	26.47	0.4436
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@243	24.23	26.28	0.4246
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	120@60	24.12	26.17	0.4140
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.21	25.26	0.3357
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@243	23.04	25.09	0.3228
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	120@60	25.03	27.08	0.5105
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	24.47	26.52	0.4487



78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@243	24.18	26.23	0.4198
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	120@60	24.04	26.09	0.4064
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	23.29	25.34	0.3420
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@243	22.96	25.01	0.3170
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	25.25	27.3	0.5370
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	24.46	26.51	0.4477
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	24.22	26.27	0.4236
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	25.24	27.29	0.5358
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	24.5	26.55	0.4519
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	24.2	26.25	0.4217
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	24.26	26.31	0.4276
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.36	25.41	0.3475
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	23.12	25.17	0.3289
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	22.73	24.78	0.3006
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	21.74	23.79	0.2393
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	21.5	23.55	0.2265
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	20.75	22.8	0.1905
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	19.66	21.71	0.1483
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	19.42	21.47	0.1403
78	30	100	650000	3750	CP-OFDM QPSK	137@68	23.69	25.74	0.3750
78	30	100	650000	3750	CP-OFDM QPSK	1@1	22.91	24.96	0.3133
78	30	100	650000	3750	CP-OFDM QPSK	1@271	22.69	24.74	0.2979
78	30	100	650000	3750	CP-OFDM 64 QAM	137@68	21.67	23.72	0.2355



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	LiangPingZhou	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(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)
Lowest	7408.00	-55.00	-13	-42.00	-81.14	-58.33	8.25	11.58	H
	11112.00	-49.86	-13	-36.86	-81.36	-51.41	10.45	12.00	H
	14816.00	-44.93	-13	-31.93	-82.45	-46.64	11.74	13.45	H
	7408.00	-55.14	-13	-42.14	-81.3	-58.47	8.25	11.58	V
	11112.00	-50.18	-13	-37.18	-81.39	-51.73	10.45	12.00	V
	14816.00	-45.34	-13	-32.34	-82.31	-47.05	11.74	13.45	V
Middle	7584.00	-54.40	-13	-41.40	-80.12	-57.70	8.30	11.60	H
	11376.00	-48.83	-13	-35.83	-81.19	-50.35	10.48	12.00	H
	15168.00	-44.77	-13	-31.77	-81.91	-46.47	11.80	13.50	H
	7584.00	-54.80	-13	-41.80	-80.48	-58.10	8.30	11.60	V
	11376.00	-49.08	-13	-36.08	-81.17	-50.60	10.48	12.00	V
	15168.00	-45.84	-13	-32.84	-82.33	-47.54	11.80	13.50	V
Highest	7768.00	-54.80	-13	-41.80	-80.83	-58.10	8.32	11.62	H
	11652.00	-49.00	-13	-36.00	-81.45	-50.68	10.52	12.20	H
	15536.00	-45.06	-13	-32.06	-81.70	-46.76	11.85	13.55	H
	7768.00	-55.16	-13	-42.16	-81.03	-58.46	8.32	11.62	V
	11652.00	-49.69	-13	-36.69	-81.77	-51.37	10.52	12.20	V
	15536.00	-45.97	-13	-32.97	-81.72	-47.67	11.85	13.55	V

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



EN-DC 41A_n77A / LTE 10MHz + NR 100MHz / QPSK(ANT2+4)									
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	7408.00	-59.50	-13	-46.50	-65.44	-62.83	8.25	11.58	H
	11112.00	-54.39	-13	-41.39	-67.74	-55.94	10.45	12.00	H
	14816.00	-49.57	-13	-36.57	-67.37	-51.28	11.74	13.45	H
	7408.00	-59.70	-13	-46.70	-65.66	-63.03	8.25	11.58	V
	11112.00	-54.82	-13	-41.82	-67.88	-56.37	10.45	12.00	V
	14816.00	-49.99	-13	-36.99	-67.24	-51.70	11.74	13.45	V
LTE Band41 Lowest	5177.00	-60.27	-25	-35.27	-81.83	-65.83	7.14	12.70	H
	7765.50	-59.06	-25	-34.06	-65.04	-62.36	8.30	11.60	H
	10354.00	-55.89	-25	-30.89	-67.65	-57.41	10.48	12.00	H
	5177.00	-59.88	-25	-34.88	-81.73	-65.44	7.14	12.70	V
	7765.50	-59.52	-25	-34.52	-65.34	-62.82	8.30	11.60	V
	10354.00	-56.94	-25	-31.94	-67.83	-58.46	10.48	12.00	V
NR n77 Middle	7584.00	-59.31	-13	-46.31	-64.94	-62.61	8.30	11.60	H
	11376.00	-54.22	-13	-41.22	-68.33	-55.74	10.48	12.00	H
	15168.00	-50.53	-13	-37.53	-67.66	-52.23	11.80	13.50	H
	7584.00	-59.66	-13	-46.66	-65.25	-62.96	8.30	11.60	V
	11376.00	-54.26	-13	-41.26	-68.1	-55.78	10.48	12.00	V
	15168.00	-51.19	-13	-38.19	-67.67	-52.89	11.80	13.50	V
LTE Band41 Middle	5177.00	-60.21	-25	-35.21	-81.77	-65.77	7.14	12.70	H
	7765.50	-59.15	-25	-34.15	-65.13	-62.45	8.30	11.60	H
	10354.00	-55.22	-25	-30.22	-66.98	-56.74	10.48	12.00	H
	5177.00	-60.17	-25	-35.17	-82.02	-65.73	7.14	12.70	V
	7765.50	-59.52	-25	-34.52	-65.34	-62.82	8.30	11.60	V
	10354.00	-57.04	-25	-32.04	-67.93	-58.56	10.48	12.00	V
NR n77 Highest	7584.00	-59.47	-13	-46.47	-65.10	-62.77	8.32	11.62	H
	11376.00	-53.86	-13	-40.86	-67.97	-55.54	10.52	12.20	H
	15168.00	-50.37	-13	-37.37	-67.50	-52.07	11.85	13.55	H
	7584.00	-59.39	-13	-46.39	-64.98	-62.69	8.32	11.62	V
	11376.00	-54.45	-13	-41.45	-68.29	-56.13	10.52	12.20	V
	15168.00	-51.18	-13	-38.18	-67.66	-52.88	11.85	13.55	V
LTE Band41 Highest	5177.00	-60.35	-25	-35.35	-81.91	-65.91	7.14	12.70	H
	7765.50	-59.23	-25	-34.23	-65.21	-62.53	8.30	11.60	H
	10354.00	-55.95	-25	-30.95	-67.71	-57.47	10.48	12.00	H
	5177.00	-59.92	-25	-34.92	-81.77	-65.48	7.14	12.70	V
	7765.50	-59.20	-25	-34.20	-65.02	-62.50	8.30	11.60	V
	10354.00	-56.84	-25	-31.84	-67.73	-58.36	10.48	12.00	V

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



EN-DC_7A_n77A / LTE 10MHz + NR 100MHz / QPSK (ANT2+4)									
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	7408.00	-59.71	-13	-46.71	-53.90	-63.04	8.25	11.58	H
	11112.00	-55.83	-13	-42.83	-56.97	-57.38	10.45	12.00	H
	14816.00	-50.24	-13	-37.24	-55.99	-51.95	11.74	13.45	H
	7408.00	-59.78	-13	-46.78	-53.99	-63.11	8.25	11.58	V
	11112.00	-55.95	-13	-42.95	-56.8	-57.50	10.45	12.00	V
	14816.00	-50.51	-13	-37.51	-55.71	-52.22	11.74	13.45	V
LTE Band7 Lowest	5061.00	-60.12	-25	-35.12	-81.88	-65.68	7.14	12.70	H
	7591.50	-59.48	-25	-34.48	-53.37	-62.78	8.30	11.60	H
	10122.00	-55.50	-25	-30.50	-54.73	-57.02	10.48	12.00	H
	5061.00	-60.63	-25	-35.63	-82.53	-66.19	7.14	12.70	V
	7591.50	-60.04	-25	-35.04	-53.88	-63.34	8.30	11.60	V
	10122.00	-55.40	-25	-30.40	-53.26	-56.92	10.48	12.00	V
NR n77 Middle	7584.00	-60.34	-13	-47.34	-54.27	-63.64	8.30	11.60	H
	11376.00	-54.57	-13	-41.57	-56.68	-56.09	10.48	12.00	H
	15168.00	-51.51	-13	-38.51	-56.92	-53.21	11.80	13.50	H
	7584.00	-60.24	-13	-47.24	-54.13	-63.54	8.30	11.60	V
	11376.00	-54.88	-13	-41.88	-56.72	-56.40	10.48	12.00	V
	15168.00	-51.95	-13	-38.95	-56.71	-53.65	11.80	13.50	V
LTE Band7 Middle	5061.00	-60.40	-25	-35.40	-82.16	-65.96	7.14	12.70	H
	7591.50	-60.34	-25	-35.34	-54.23	-63.64	8.30	11.60	H
	10122.00	-55.46	-25	-30.46	-54.69	-56.98	10.48	12.00	H
	5061.00	-60.69	-25	-35.69	-82.59	-66.25	7.14	12.70	V
	7591.50	-60.28	-25	-35.28	-54.12	-63.58	8.30	11.60	V
	10122.00	-56.37	-25	-31.37	-54.23	-57.89	10.48	12.00	V
NR n77 Highest	7768.00	-59.68	-13	-46.68	-53.74	-62.98	8.32	11.62	H
	11652.00	-54.62	-13	-41.62	-56.45	-56.30	10.52	12.20	H
	15536.00	-50.75	-13	-37.75	-56.11	-52.45	11.85	13.55	H
	7768.00	-60.49	-13	-47.49	-54.39	-63.79	8.32	11.62	V
	11652.00	-54.89	-13	-41.89	-56.35	-56.57	10.52	12.20	V
	15536.00	-51.53	-13	-38.53	-56.00	-53.23	11.85	13.55	V
LTE Band7 Highest	5061.00	-60.95	-25	-35.95	-82.71	-66.51	7.14	12.70	H
	7591.50	-59.65	-25	-34.65	-53.54	-62.95	8.30	11.60	H
	10122.00	-55.82	-25	-30.82	-55.05	-57.34	10.48	12.00	H
	5061.00	-60.87	-25	-35.87	-82.77	-66.43	7.14	12.70	V
	7591.50	-60.34	-25	-35.34	-54.18	-63.64	8.30	11.60	V
	10122.00	-55.88	-25	-30.88	-53.74	-57.40	10.48	12.00	V

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



EN-DC_38A_n78A / LTE 10MHz + NR 100MHz / QPSK (ANT2+4)									
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 n78 Middle	7404.00	-56.82	-13	-43.82	-51.01	-60.12	8.30	11.60	H
	11106.00	-54.10	-13	-41.10	-55.18	-55.62	10.48	12.00	H
	14808.00	-51.28	-13	-38.28	-57.05	-52.98	11.80	13.50	H
	7404.00	-56.87	-13	-43.87	-51.08	-60.17	8.30	11.60	V
	11106.00	-53.27	-13	-40.27	-54.06	-54.79	10.48	12.00	V
	14808.00	-49.20	-13	-36.20	-54.42	-50.90	11.80	13.50	V
LTE Band38 Middle	5181.00	-61.73	-25	-36.73	-49.18	-67.29	7.14	12.70	H
	6904.00	-59.46	-25	-34.46	-51.45	-62.76	8.30	11.60	H
	10356.00	-55.27	-25	-30.27	-54.50	-56.79	10.48	12.00	H
	5181.00	-61.69	-25	-36.69	-49.43	-67.25	7.14	12.70	V
	6904.00	-58.85	-25	-33.85	-51.32	-62.15	8.30	11.60	V
	10356.00	-55.99	-25	-30.99	-54.35	-57.51	10.48	12.00	V

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