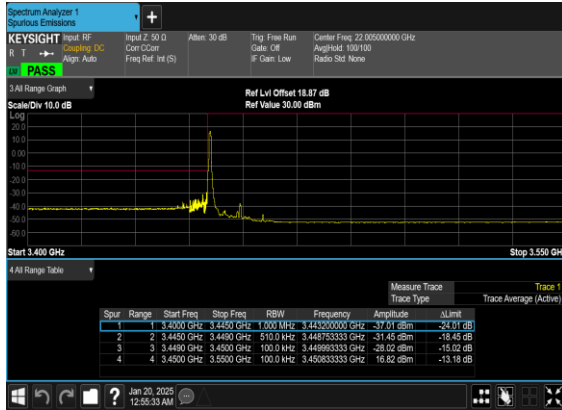
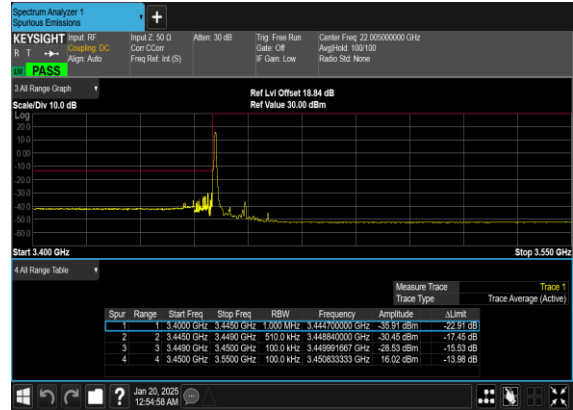


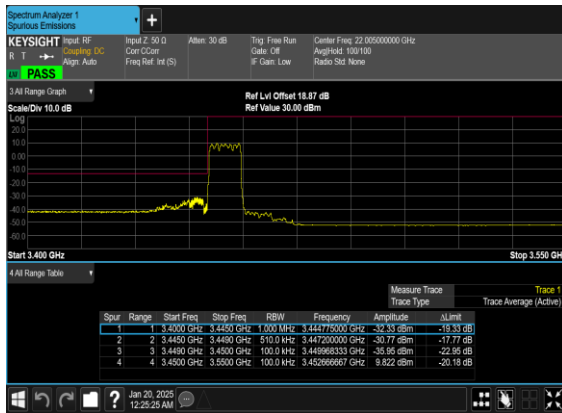
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



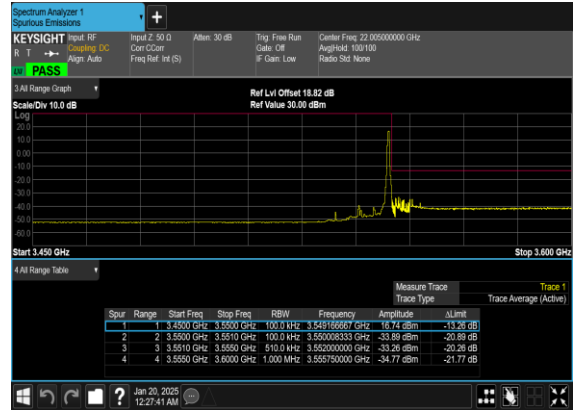
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



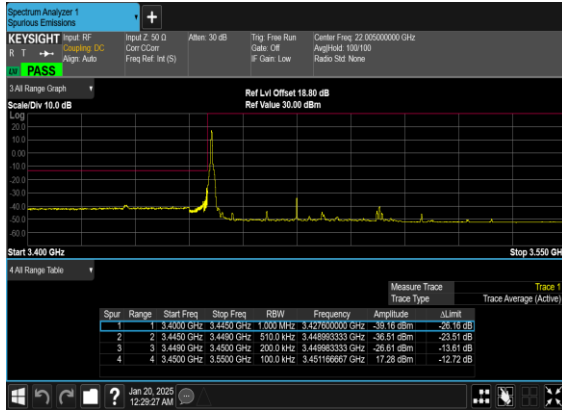
N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



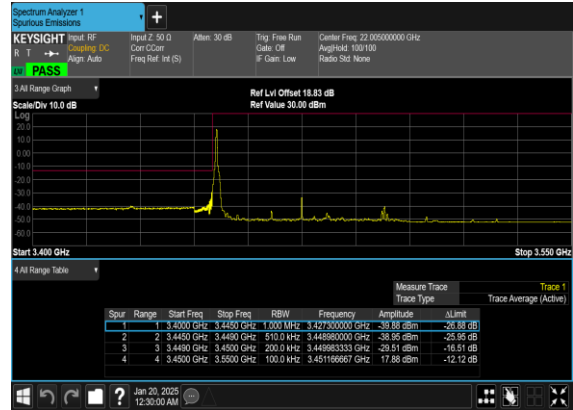
N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



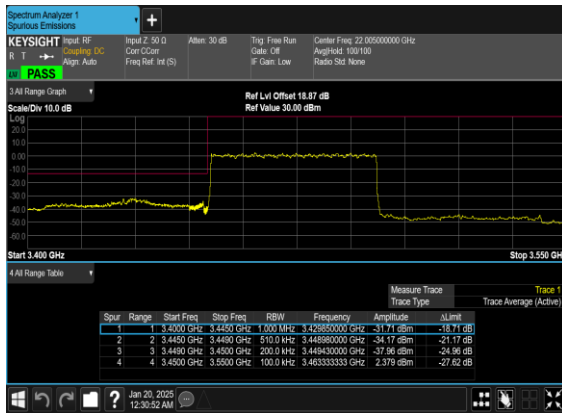
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



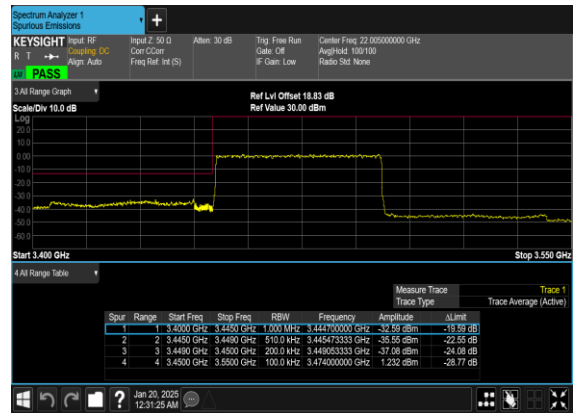
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



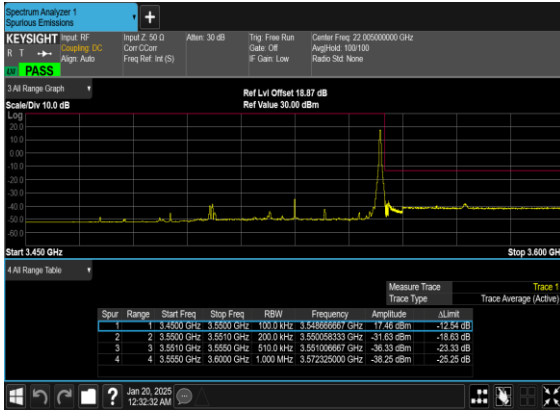
N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



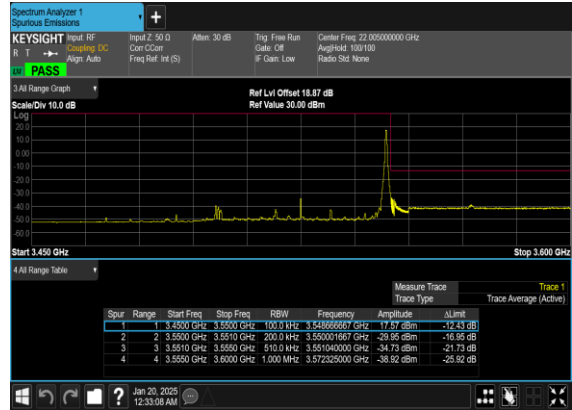
N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



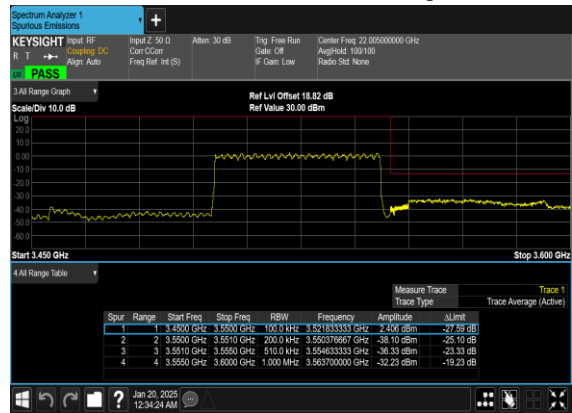
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



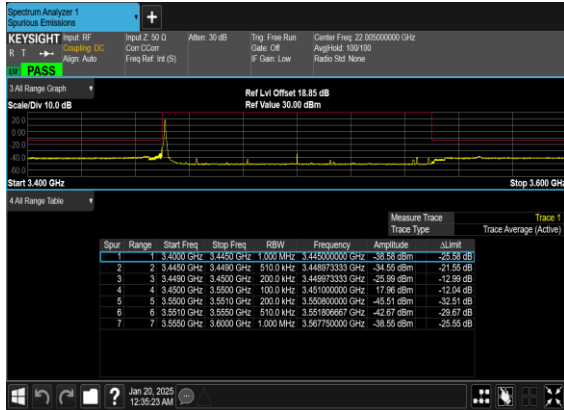
N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



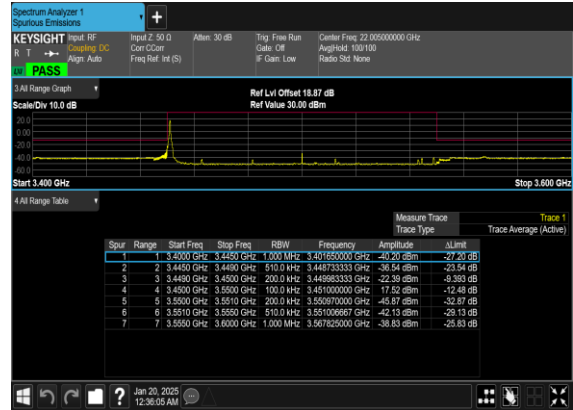
N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



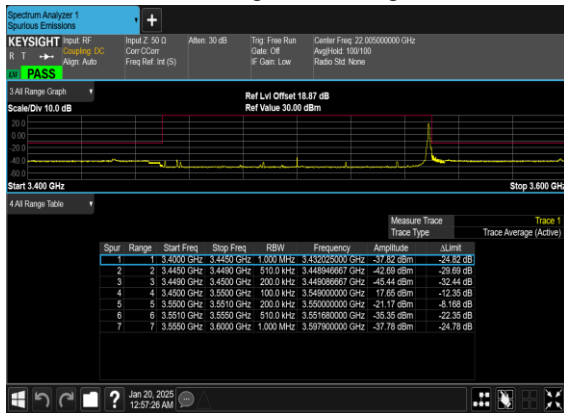
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



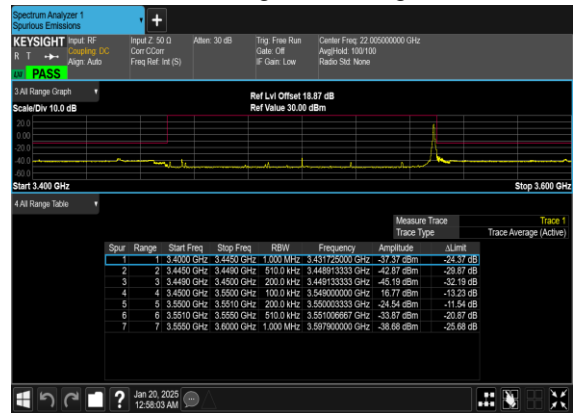
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH

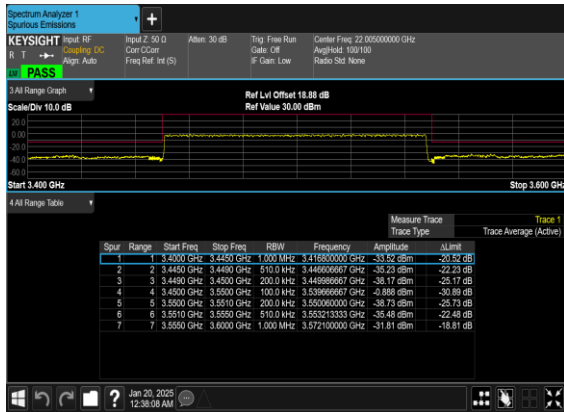


N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Mid_CH

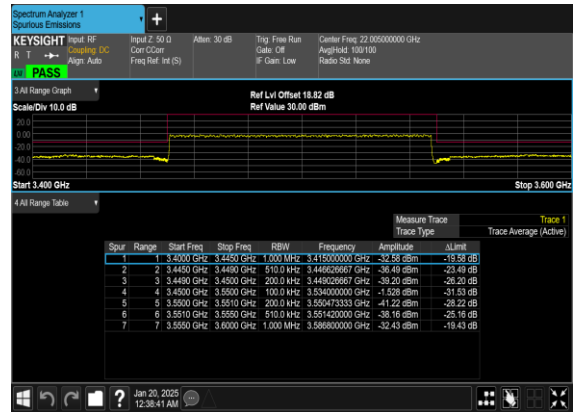




N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH





Software Version: 23.06.1602

FR1 N78 MIMO ANT2+ANT6

Transmitter Conducted Output Power And EIRP, (G_T - L_c)= -1.69dB

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT2 Power(dBm)	ANT6 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	12@6	23.58	22.93	26.28	24.59	0.2877
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	23.5	22.83	26.19	24.5	0.2818
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@22	23.51	22.8	26.18	24.49	0.2812
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	12@6	22.54	21.81	25.20	23.51	0.2244
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	22.8	22.03	25.44	23.75	0.2371
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@22	22.7	21.97	25.36	23.67	0.2328
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	12@6	23.23	22.94	26.10	24.41	0.2761
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.2	22.74	25.99	24.3	0.2692
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@22	23.08	22.75	25.93	24.24	0.2655
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	12@6	22.16	21.8	24.99	23.3	0.2138
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.31	21.86	25.10	23.41	0.2193
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@22	22.21	21.97	25.10	23.41	0.2193
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	12@6	22.97	23.18	26.09	24.4	0.2754
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	22.92	23.02	25.98	24.29	0.2685
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@22	22.75	23.04	25.91	24.22	0.2642
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	12@6	22.23	22.08	25.17	23.48	0.2228
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	22.23	22.17	25.21	23.52	0.2249
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@22	21.88	22.18	25.04	23.35	0.2163
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	18@9	23.59	22.92	26.28	24.59	0.2877
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	23.62	22.85	26.26	24.57	0.2864
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@36	23.56	22.73	26.18	24.49	0.2812
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	18@9	22.62	21.94	25.30	23.61	0.2296
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	22.79	22.03	25.44	23.75	0.2371
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@36	22.72	21.81	25.30	23.61	0.2296
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	18@9	23.23	22.86	26.06	24.37	0.2735
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.26	22.75	26.02	24.33	0.2710
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@36	23.01	22.76	25.90	24.21	0.2636
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	18@9	22.25	21.9	25.09	23.4	0.2188
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.45	21.92	25.20	23.51	0.2244
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@36	22.11	22	25.07	23.38	0.2178
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	18@9	23.08	23.16	26.13	24.44	0.2780
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	23.13	23.01	26.08	24.39	0.2748
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@36	22.78	23.03	25.92	24.23	0.2649
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	18@9	22.18	22.18	25.19	23.5	0.2239
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	22.29	22.08	25.20	23.51	0.2244
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@36	21.93	22.25	25.10	23.41	0.2193
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	25@12	23.67	22.93	26.33	24.64	0.2911
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	23.64	22.93	26.31	24.62	0.2897
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@49	23.63	22.65	26.18	24.49	0.2812
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	25@12	22.61	21.96	25.31	23.62	0.2301
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	22.66	22.01	25.36	23.67	0.2328
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@49	22.69	21.85	25.30	23.61	0.2296
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	25@12	23.26	22.93	26.11	24.42	0.2767
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.27	22.68	26.00	24.31	0.2698



78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@49	23.03	22.8	25.93	24.24	0.2655
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	25@12	22.24	21.95	25.11	23.42	0.2198
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.49	21.86	25.20	23.51	0.2244
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@49	22.11	21.84	24.99	23.3	0.2138
78	30	20	636000	3540	DFT-s-OFDM QPSK	25@12	23.15	23.14	26.16	24.47	0.2799
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	23.18	23.02	26.11	24.42	0.2767
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@49	22.75	23.04	25.91	24.22	0.2642
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	25@12	22.27	22.12	25.21	23.52	0.2249
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	22.31	22.2	25.27	23.58	0.2280
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@49	21.89	22.22	25.07	23.38	0.2178
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	32@16	23.49	22.76	26.15	24.46	0.2793
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@1	23.48	22.87	26.20	24.51	0.2825
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@63	23.42	22.5	25.99	24.3	0.2692
78	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	32@16	22.53	21.75	25.17	23.48	0.2228
78	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@1	22.58	21.84	25.24	23.55	0.2265
78	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@63	22.56	21.67	25.15	23.46	0.2218
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	32@16	23.09	22.84	25.98	24.29	0.2685
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.23	22.6	25.94	24.25	0.2661
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@63	22.87	22.78	25.84	24.15	0.2600
78	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	32@16	22.12	21.89	25.02	23.33	0.2153
78	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.41	21.77	25.11	23.42	0.2198
78	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@63	22.03	21.91	24.98	23.29	0.2133
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	32@16	23.06	23.06	26.07	24.38	0.2742
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@1	23.08	22.91	26.01	24.32	0.2704
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@63	22.67	22.99	25.84	24.15	0.2600
78	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	32@16	22.11	22.11	25.12	23.43	0.2203
78	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	1@1	22.26	22.16	25.22	23.53	0.2254
78	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	1@63	21.82	22.11	24.98	23.29	0.2133
78	30	30	631000	3465	DFT-s-OFDM QPSK	36@18	23.59	22.79	26.22	24.53	0.2838
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	23.48	22.91	26.21	24.52	0.2831
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@76	23.43	22.46	25.98	24.29	0.2685
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	36@18	22.62	21.84	25.26	23.57	0.2275
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	22.58	22	25.31	23.62	0.2301
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@76	22.66	21.49	25.12	23.43	0.2203
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	36@18	23.16	22.9	26.04	24.35	0.2723
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.44	22.6	26.05	24.36	0.2729
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@76	22.91	22.84	25.89	24.2	0.2630
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	36@18	22.22	21.95	25.10	23.41	0.2193
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.53	21.76	25.17	23.48	0.2228
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@76	21.94	21.96	24.96	23.27	0.2123
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	36@18	23.21	23.16	26.20	24.51	0.2825
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	23.18	22.99	26.10	24.41	0.2761
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@76	22.75	22.96	25.87	24.18	0.2618
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	36@18	22.31	22.25	25.29	23.6	0.2291
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	22.42	22.24	25.34	23.65	0.2317
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@76	21.91	22.01	24.97	23.28	0.2128
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	50@25	23.61	22.78	26.23	24.54	0.2844
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	23.52	22.95	26.25	24.56	0.2858
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@104	23.28	22.72	26.02	24.33	0.2710
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	50@25	22.65	21.83	25.27	23.58	0.2280
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	22.72	22.08	25.42	23.73	0.2360
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@104	22.37	21.8	25.10	23.41	0.2193



78	30	40	633334	3500.01	DFT-s-OFDM QPSK	50@25	23.18	22.9	26.05	24.36	0.2729
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.44	22.65	26.07	24.38	0.2742
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@104	22.96	22.86	25.92	24.23	0.2649
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	50@25	22.25	21.88	25.08	23.39	0.2183
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.62	21.69	25.19	23.5	0.2239
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@104	22.14	21.94	25.05	23.36	0.2168
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	50@25	23.2	23.12	26.17	24.48	0.2805
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	22.95	23.03	26.00	24.31	0.2698
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@104	22.71	22.93	25.83	24.14	0.2594
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	50@25	22.23	22.17	25.21	23.52	0.2249
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	22.08	22.27	25.19	23.5	0.2239
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@104	21.9	22.08	25.00	23.31	0.2143
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	64@32	23.6	22.74	26.20	24.51	0.2825
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	23.44	22.84	26.16	24.47	0.2799
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@131	22.98	22.67	25.84	24.15	0.2600
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	64@32	22.56	21.7	25.16	23.47	0.2223
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	22.64	22.08	25.38	23.69	0.2339
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@131	22.15	21.83	25.00	23.31	0.2143
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	64@32	23.22	22.92	26.08	24.39	0.2748
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.42	22.59	26.04	24.35	0.2723
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@131	22.97	22.76	25.88	24.19	0.2624
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	64@32	22.18	21.9	25.05	23.36	0.2168
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.67	21.82	25.28	23.59	0.2286
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@131	22.15	21.79	24.98	23.29	0.2133
78	30	50	635000	3525	DFT-s-OFDM QPSK	64@32	23.24	23.12	26.19	24.5	0.2818
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	23.03	22.89	25.97	24.28	0.2679
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@131	22.61	22.85	25.74	24.05	0.2541
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	64@32	22.2	22.12	25.17	23.48	0.2228
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	22.26	22.1	25.19	23.5	0.2239
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@131	21.69	22.08	24.90	23.21	0.2094
78	30	60	632000	3480	DFT-s-OFDM QPSK	81@40	23.46	22.71	26.11	24.42	0.2767
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	23.49	22.92	26.22	24.53	0.2838
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@160	22.89	22.83	25.87	24.18	0.2618
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	81@40	22.51	21.76	25.16	23.47	0.2223
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	22.64	22.08	25.38	23.69	0.2339
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@160	21.97	21.93	24.96	23.27	0.2123
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	81@40	23.13	22.81	25.98	24.29	0.2685
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.45	22.61	26.06	24.37	0.2735
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@160	22.92	22.69	25.82	24.13	0.2588
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	81@40	22.18	21.87	25.04	23.35	0.2163
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.63	21.8	25.25	23.56	0.2270
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@160	22.12	21.84	24.99	23.3	0.2138
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	81@40	23.13	23.02	26.09	24.4	0.2754
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	23.24	22.74	26.01	24.32	0.2704
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@160	22.62	22.8	25.72	24.03	0.2529
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	81@40	22.17	22.06	25.13	23.44	0.2208
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	22.43	21.92	25.19	23.5	0.2239
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@160	21.84	21.94	24.90	23.21	0.2094
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	90@45	23.58	23.02	26.32	24.63	0.2904
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	23.8	23.32	26.58	24.89	0.3083
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@187	23.04	22.94	26.00	24.31	0.2698
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	90@45	22.59	22.06	25.34	23.65	0.2317



78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	22.91	22.34	25.64	23.95	0.2483
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@187	22.18	22.07	25.14	23.45	0.2213
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	90@45	23.36	23.04	26.21	24.52	0.2831
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.68	23	26.36	24.67	0.2931
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@187	22.97	22.85	25.92	24.23	0.2649
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	90@45	22.37	22.12	25.26	23.57	0.2275
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.82	22.27	25.56	23.87	0.2438
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@187	22.19	22.03	25.12	23.43	0.2203
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	90@45	23.27	23.18	26.24	24.55	0.2851
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	23.56	22.97	26.29	24.6	0.2884
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@187	22.65	23	25.84	24.15	0.2600
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	90@45	22.28	22.21	25.26	23.57	0.2275
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	22.75	22.22	25.50	23.81	0.2404
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@187	21.8	22.08	24.95	23.26	0.2118
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	108@54	23.5	23.07	26.30	24.61	0.2891
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	23.73	23.25	26.51	24.82	0.3034
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@215	23.06	23.01	26.05	24.36	0.2729
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	108@54	22.52	22.09	25.32	23.63	0.2307
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	22.84	22.46	25.66	23.97	0.2495
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@215	22.25	22.23	25.25	23.56	0.2270
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	108@54	23.31	23.06	26.20	24.51	0.2825
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.65	23.08	26.38	24.69	0.2944
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@215	22.88	22.93	25.92	24.23	0.2649
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	108@54	22.35	22.09	25.23	23.54	0.2259
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.84	22.27	25.57	23.88	0.2443
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@215	21.92	22.1	25.02	23.33	0.2153
78	30	80	634000	3510	DFT-s-OFDM QPSK	108@54	23.31	23.16	26.25	24.56	0.2858
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	23.7	23.02	26.38	24.69	0.2944
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@215	22.69	22.94	25.83	24.14	0.2594
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	108@54	22.28	22.16	25.23	23.54	0.2259
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	22.9	22.27	25.61	23.92	0.2466
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@215	21.93	22.13	25.04	23.35	0.2163
78	30	90	633000	3495	DFT-s-OFDM QPSK	120@60	23.45	23.08	26.28	24.59	0.2877
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	23.69	23.21	26.47	24.78	0.3006
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@243	22.85	22.95	25.91	24.22	0.2642
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	120@60	22.44	22.12	25.29	23.6	0.2291
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	22.83	22.45	25.65	23.96	0.2489
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@243	22.09	22.04	25.08	23.39	0.2183
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	120@60	23.34	23.06	26.21	24.52	0.2831
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.59	23.14	26.38	24.69	0.2944
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@243	22.72	22.87	25.81	24.12	0.2582
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	120@60	22.35	22.08	25.23	23.54	0.2259
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.77	22.33	25.57	23.88	0.2443
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@243	21.85	22.03	24.95	23.26	0.2118
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	120@60	23.33	23.1	26.23	24.54	0.2844
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	23.67	23.22	26.46	24.77	0.2999
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@243	22.63	22.89	25.77	24.08	0.2559
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	120@60	22.35	22.14	25.26	23.57	0.2275
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	22.83	22.39	25.63	23.94	0.2477
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@243	21.85	22.14	25.01	23.32	0.2148
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	23.45	23.02	26.25	24.56	0.2858
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	23.8	23.34	26.59	24.9	0.3090



78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	22.84	23.06	25.96	24.27	0.2673
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	23.5	23.08	26.31	24.62	0.2897
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.76	23.27	26.53	24.84	0.3048
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	22.74	22.93	25.85	24.16	0.2606
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	22.5	22.11	25.32	23.63	0.2307
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.9	22.45	25.69	24	0.2512
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	21.95	22.14	25.06	23.37	0.2173
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	21.04	20.66	23.86	22.17	0.1648
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	21.33	20.86	24.11	22.42	0.1746
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	20.26	20.41	23.35	21.66	0.1466
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	19.07	18.65	21.88	20.19	0.1045
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	19.42	18.94	22.20	20.51	0.1125
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	18.4	18.58	21.50	19.81	0.0957
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	21.92	21.54	24.74	23.05	0.2018
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	22.36	22.01	25.20	23.51	0.2244
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	21.35	21.68	24.53	22.84	0.1923

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Shunping You	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.

SA n77 / 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)
Middle	6902	-60.58	-13	-47.58	-55.54	-62.10	11.98	13.50	H
	10353	-55.65	-13	-42.65	-56.17	-55.65	13.60	13.60	H
	13804	-50.81	-13	-37.81	-57.67	-50.41	15.50	15.10	H
	6902	-60.26	-13	-47.26	-55.14	-61.78	11.98	13.50	V
	10353	-56.21	-13	-43.21	-56.52	-56.21	13.60	13.60	V
	13804	-51.24	-13	-38.24	-57.79	-50.84	15.50	15.10	V

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

EN-DC_14A_n77A / LTE 10MHz + NR 100MHz / QPSK / ANT0 (LTE) & ANT4(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 n77 Middle	6902.00	-61.65	-13	-48.65	-56.61	-64.95	8.30	11.60	H
	10353.00	-55.68	-13	-42.68	-56.20	-57.20	10.48	12.00	H
	13804.00	-49.73	-13	-36.73	-56.59	-51.43	11.80	13.50	H
	6902.00	-61.23	-13	-48.23	-56.11	-64.53	8.30	11.60	V
	10353.00	-55.92	-13	-42.92	-56.23	-57.44	10.48	12.00	V
	13804.00	-50.81	-13	-37.81	-57.36	-52.51	11.80	13.50	V
LTE Band14 Middle	1577	-66.91	-42.15	-24.76	-73.18	-70.16	4.00	9.40	H
	2365.5	-60.95	-13	-47.95	-71.46	-64.52	4.88	10.60	H
	3154	-58.60	-13	-45.60	-71.66	-63.53	5.52	12.60	H
	1577	-66.67	-42.15	-24.52	-73.16	-69.92	4.00	9.40	V
	2365.5	-59.37	-13	-46.37	-70.28	-62.94	4.88	10.60	V
	3154	-60.71	-13	-47.71	-74.32	-65.64	5.52	12.60	V

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

EN-DC_30A_n77A Other PA / LTE 10MHz + NR 100MHz / QPSK / ANT2 (LTE) & ANT4(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 n77 Middle	6902	-61.30	-13	-48.30	-56.26	-62.82	11.98	13.50	H
	10353	-55.71	-13	-42.71	-56.23	-55.71	13.60	13.60	H
	13804	-50.59	-13	-37.59	-57.45	-50.19	15.50	15.10	H
	6902	-61.04	-13	-48.04	-55.92	-62.56	11.98	13.50	V
	10353	-55.81	-13	-42.81	-56.12	-55.81	13.60	13.60	V
	13804	-50.84	-13	-37.84	-57.39	-50.44	15.50	15.10	V
LTE Band30 Middle	4611.50	-62.65	-40	-22.65	-79.97	-68.90	6.45	12.70	H
	6916.50	-61.16	-40	-21.16	-56.18	-64.56	8.40	11.80	H
	9222.00	-55.04	-40	-15.04	-56.42	-57.39	9.65	12.00	H
	4611.50	-61.18	-40	-21.18	-78.35	-67.43	6.45	12.70	V
	6916.50	-61.54	-40	-21.54	-56.52	-64.94	8.40	11.80	V
	9222.00	-55.84	-40	-15.84	-56.8	-58.19	9.65	12.00	V

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

SA n77 Other PA / 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)
Middle	6902	-40.91	-13	-27.91	-35.87	-42.43	11.98	13.50	H
	10353	-56.35	-13	-43.35	-56.87	-56.35	13.60	13.60	H
	13804	-52.70	-13	-39.70	-59.56	-52.30	15.50	15.10	H
	6902	-47.02	-13	-34.02	-41.9	-48.54	11.98	13.50	V
	10353	-55.80	-13	-42.80	-56.11	-55.80	13.60	13.60	V
	13804	-52.58	-13	-39.58	-59.13	-52.18	15.50	15.10	V

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

SA n77 UL_MIMO / NR 100MHz / QPSK / ANT4+7									
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	6902	-61.63	-13	-48.63	-56.59	-63.15	11.98	13.50	H
	10353	-55.58	-13	-42.58	-56.10	-55.58	13.60	13.60	H
	13804	-50.86	-13	-37.86	-57.72	-50.46	15.50	15.10	H
	6902	-61.70	-13	-48.70	-56.58	-63.22	11.98	13.50	V
	10353	-55.91	-13	-42.91	-56.22	-55.91	13.60	13.60	V
	13804	-51.23	-13	-38.23	-57.78	-50.83	15.50	15.10	V

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