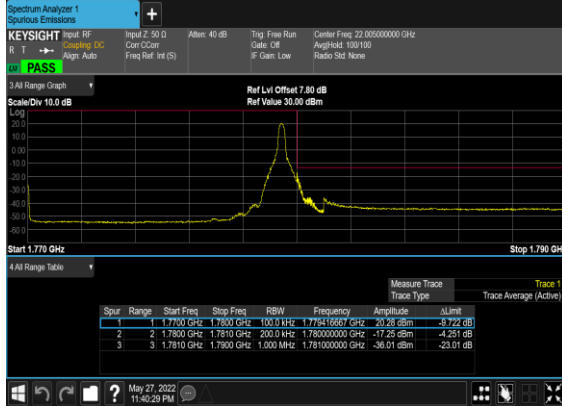
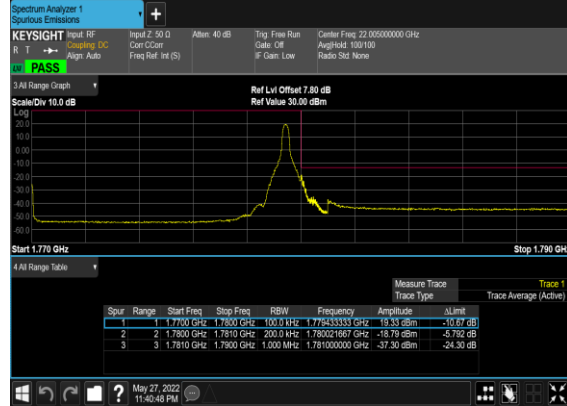


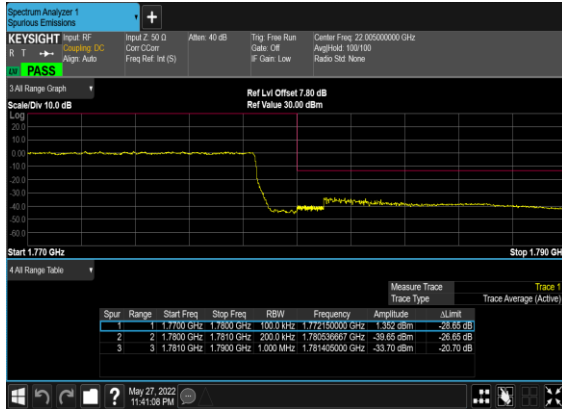
B2_N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



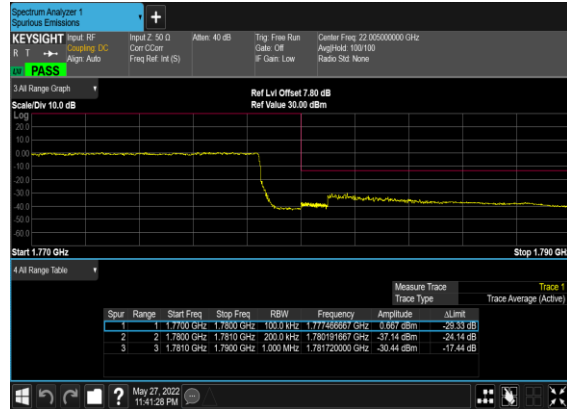
B2_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



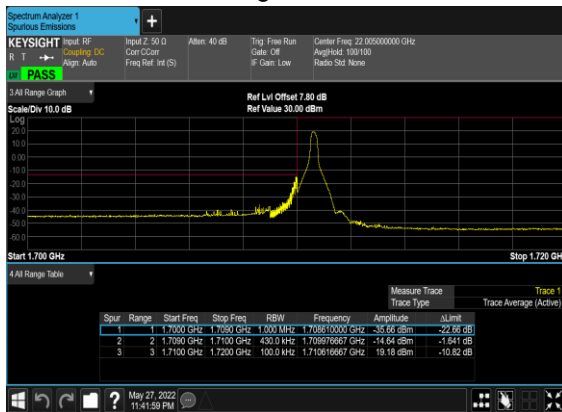
B2_N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



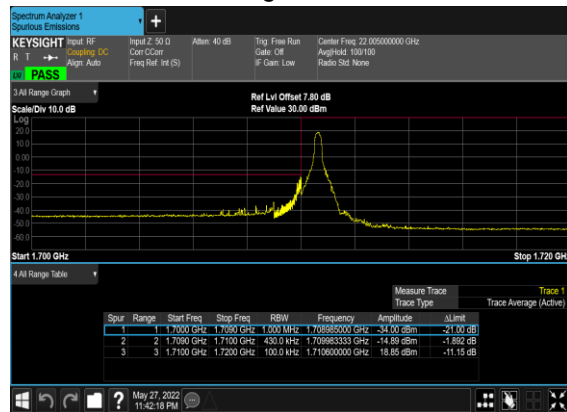
B2_N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



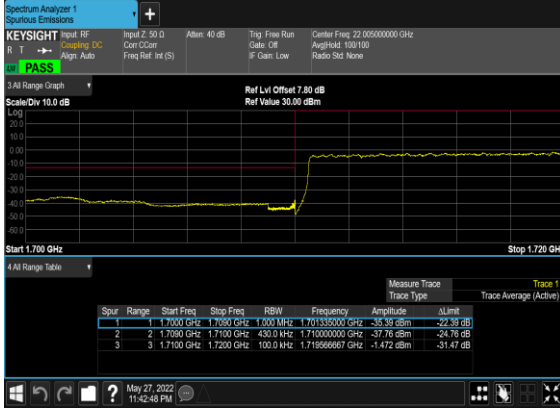
B2_N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



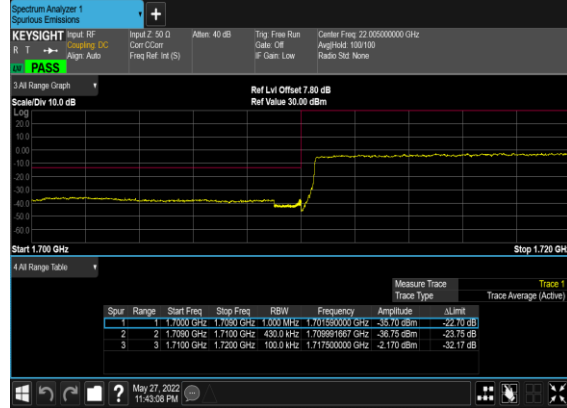
B2_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



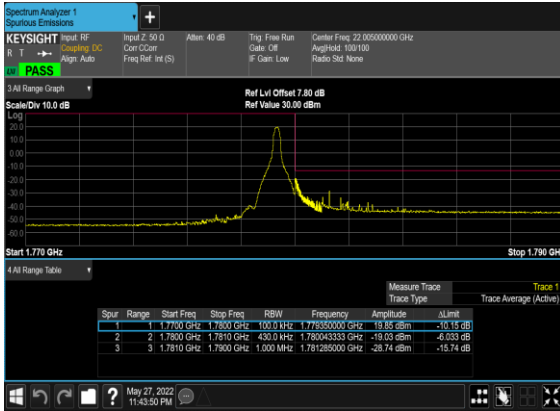
B2_N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



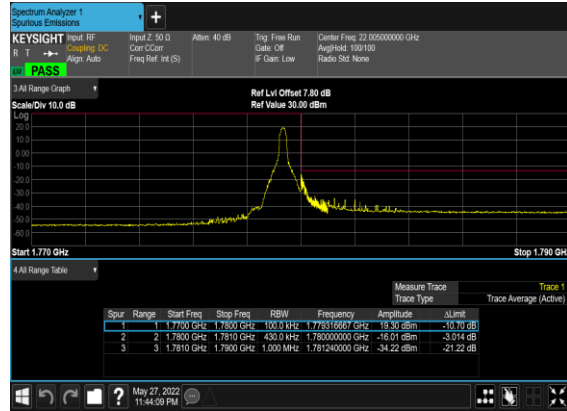
B2_N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



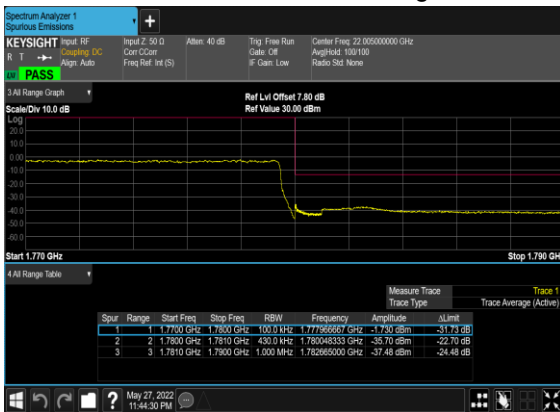
B2_N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



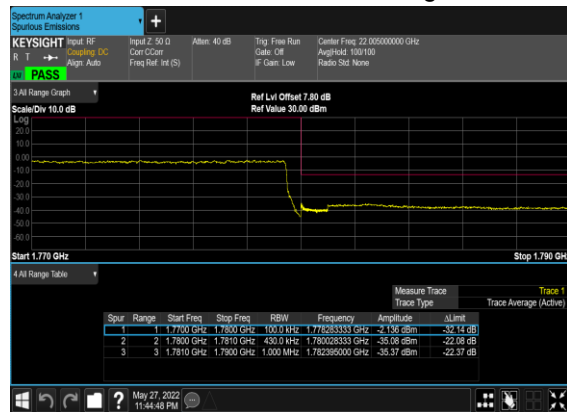
B2_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B2_N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Zhaohui Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note:

1. Pre-scanned harmonic for all the supported antenna combinations, choose the worst antenna combination perform final test and recorded in the report.
2. For NSA mode, pre-scanned the harmonics for all supported EN-DC Combos, only the worse cases EN-DC for each NR band are shown in the report.

EN-DC_7A_n5A / LTE 20MHz + NR 20MHz / QPSK / ANT0(LTE) & ANT1(NR)									
Channel	Frequency (MHz)	ERP/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	1650	-65.49	-13	-52.49	-75.66	-68.72	3.98	9.36	H
	2475	-62.20	-13	-49.20	-77.33	-65.75	4.85	10.55	H
	3300	-60.06	-13	-47.06	-77.84	-64.99	5.50	12.58	H
	1650	-65.90	-13	-52.90	-75.81	-69.13	3.98	9.36	V
	2475	-62.11	-13	-49.11	-77.21	-65.66	4.85	10.55	V
	3300	-60.44	-13	-47.44	-78.03	-65.37	5.50	12.58	V
LTE Band7 Lowest	5052.18	-58.14	-25	-33.14	-80.08	-63.70	7.14	12.70	H
	7578.27	-53.94	-25	-28.94	-80.04	-57.24	8.30	11.60	H
	10104.36	-49.51	-25	-24.51	-81.10	-51.03	10.48	12.00	H
	5052.18	-56.73	-25	-31.73	-78.79	-62.29	7.14	12.70	V
	7578.27	-53.98	-25	-28.98	-80.04	-57.28	8.30	11.60	V
	10104.36	-50.87	-25	-25.87	-81.06	-52.39	10.48	12.00	V
NR n5 Middle	1654.5	-65.33	-13	-52.33	-75.50	-68.58	4.00	9.40	H
	2481.75	-61.98	-13	-48.98	-77.14	-65.55	4.88	10.60	H
	3309	-60.24	-13	-47.24	-77.85	-65.17	5.52	12.60	H
	1654.5	-65.59	-13	-52.59	-75.50	-68.84	4.00	9.40	V
	2481.75	-61.86	-13	-48.86	-76.99	-65.43	4.88	10.60	V
	3309	-60.51	-13	-47.51	-77.90	-65.44	5.52	12.60	V
LTE Band7 Middle	5052.18	-57.94	-25	-32.94	-79.88	-63.50	7.14	12.70	H
	7578.27	-53.11	-25	-28.11	-79.21	-56.41	8.30	11.60	H
	10104.36	-48.87	-25	-23.87	-80.46	-50.39	10.48	12.00	H
	5052.18	-56.37	-25	-31.37	-78.43	-61.93	7.14	12.70	V
	7578.27	-53.45	-25	-28.45	-79.51	-56.75	8.30	11.60	V
	10104.36	-50.40	-25	-25.40	-80.59	-51.92	10.48	12.00	V
NR n5 Highest	1660	-65.11	-13	-52.11	-75.29	-68.28	4.10	9.42	H
	2490	-62.13	-13	-49.13	-77.25	-65.71	4.90	10.63	H
	3320	-60.73	-13	-47.73	-78.33	-65.65	5.55	12.62	H



	1660	-65.63	-13	-52.63	-75.41	-68.80	4.10	9.42	V
	2490	-61.85	-13	-48.85	-76.93	-65.43	4.90	10.63	V
	3320	-60.78	-13	-47.78	-78.16	-65.70	5.55	12.62	V
LTE Band7 Highest	5052.18	-56.99	-25	-31.99	-78.93	-62.55	7.14	12.70	H
	7578.27	-53.85	-25	-28.85	-79.95	-57.15	8.30	11.60	H
	10104.36	-49.31	-25	-24.31	-80.90	-50.83	10.48	12.00	H
	5052.18	-57.35	-25	-32.35	-79.41	-62.91	7.14	12.70	V
	7578.27	-54.04	-25	-29.04	-80.1	-57.34	8.30	11.60	V
	10104.36	-51.01	-25	-26.01	-81.2	-52.53	10.48	12.00	V

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

SA n7 / NR 40MHz / QPSK / 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 n7 Lowest	5040.00	-58.58	-25	-33.58	-81.68	-64.14	7.12	12.68	H
	7560.00	-55.50	-25	-30.50	-81.64	-58.83	8.26	11.59	H
	10080.00	-53.24	-25	-28.24	-83.38	-54.77	10.45	11.98	H
	5040.00	-57.44	-25	-32.44	-81.87	-63.00	7.12	12.68	V
	7560.00	-55.93	-25	-30.93	-82.06	-59.26	8.26	11.59	V
	10080.00	-51.76	-25	-26.76	-82.77	-53.29	10.45	11.98	V
NR n7 Middle	5030.00	-57.83	-25	-32.83	-80.81	-63.39	7.14	12.70	H
	7545.00	-55.37	-25	-30.37	-81.58	-58.67	8.30	11.60	H
	10062.00	-53.20	-25	-28.20	-83.32	-54.72	10.48	12.00	H
	5030.00	-55.85	-25	-30.85	-80.28	-61.41	7.14	12.70	V
	7545.00	-54.04	-25	-29.04	-80.24	-57.34	8.30	11.60	V
	10062.00	-52.47	-25	-27.47	-83.4	-53.99	10.48	12.00	V
NR n7 Highest	5100.00	-57.84	-25	-32.84	-81.29	-63.40	7.16	12.72	H
	7650.00	-56.02	-25	-31.02	-81.89	-59.32	8.33	11.63	H
	10197.00	-53.02	-25	-28.02	-83.38	-54.62	10.50	12.10	H
	5100.00	-57.12	-25	-32.12	-81.55	-62.68	7.16	12.72	V
	7650.00	-54.60	-25	-29.60	-81.5	-57.90	8.33	11.63	V
	10197.00	-51.48	-25	-26.48	-83.11	-53.08	10.50	12.10	V

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



EN-DC_2A_n7A / LTE 20MHz + NR 40MHz / QPSK / ANT0(LTE) & ANT1(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 n7 Lowest	5040.00	-58.08	-25	-33.08	-81.18	-63.64	7.12	12.68	H
	7560.00	-55.29	-25	-30.29	-81.43	-58.62	8.26	11.59	H
	10080.00	-52.69	-25	-27.69	-82.83	-54.22	10.45	11.98	H
	5040.00	-56.65	-25	-31.65	-81.08	-62.21	7.12	12.68	V
	7560.00	-55.21	-25	-30.21	-81.34	-58.54	8.26	11.59	V
	10080.00	-51.94	-25	-26.94	-82.95	-53.47	10.45	11.98	V
LTE Band2 Lowest	3742.18	-56.74	-13	-43.74	-79.63	-63.49	5.85	12.60	H
	5613.27	-56.46	-13	-43.46	-80.74	-62.26	7.30	13.10	H
	7484.36	-54.69	-13	-41.69	-81.15	-57.84	8.35	11.50	H
	3742.18	-54.24	-13	-41.24	-79.14	-60.99	5.85	12.60	V
	5613.27	-55.67	-13	-42.67	-80.8	-61.47	7.30	13.10	V
	7484.36	-54.78	-13	-41.78	-81.22	-57.93	8.35	11.50	V
NR n7 Middle	5070.00	-58.41	-25	-33.41	-81.62	-63.97	7.14	12.70	H
	7605.00	-55.69	-25	-30.69	-81.66	-58.99	8.30	11.60	H
	10140.00	-52.39	-25	-27.39	-82.66	-53.91	10.48	12.00	H
	5070.00	-57.23	-25	-32.23	-81.65	-62.79	7.14	12.70	V
	7605.00	-55.08	-25	-30.08	-81.39	-58.38	8.30	11.60	V
	10140.00	-51.38	-25	-26.38	-82.75	-52.90	10.48	12.00	V
LTE Band2 Middle	3742.18	-56.92	-13	-43.92	-79.81	-63.67	5.85	12.60	H
	5613.27	-56.92	-13	-43.92	-81.20	-62.72	7.30	13.10	H
	7484.36	-55.04	-13	-42.04	-81.50	-58.19	8.35	11.50	H
	3742.18	-54.98	-13	-41.98	-79.88	-61.73	5.85	12.60	V
	5613.27	-56.15	-13	-43.15	-81.28	-61.95	7.30	13.10	V
	7484.36	-55.45	-13	-42.45	-81.89	-58.60	8.35	11.50	V
NR n7 Highest	5100.00	-57.55	-25	-32.55	-81.00	-63.11	7.16	12.72	H
	7650.00	-55.71	-25	-30.71	-81.58	-59.01	8.33	11.63	H
	10200.00	-52.58	-25	-27.58	-82.94	-54.18	10.50	12.10	H
	5100.00	-56.76	-25	-31.76	-81.19	-62.32	7.16	12.72	V
	7650.00	-54.21	-25	-29.21	-81.11	-57.51	8.33	11.63	V
	10200.00	-51.29	-25	-26.29	-82.92	-52.89	10.50	12.10	V
LTE Band2 Highest	3742.18	-56.75	-13	-43.75	-79.64	-63.50	5.85	12.60	H
	5613.27	-56.71	-13	-43.71	-80.99	-62.51	7.30	13.10	H
	7484.36	-55.18	-13	-42.18	-81.64	-58.33	8.35	11.50	H
	3742.18	-55.24	-13	-42.24	-80.14	-61.99	5.85	12.60	V
	5613.27	-55.93	-13	-42.93	-81.06	-61.73	7.30	13.10	V
	7484.36	-55.19	-13	-42.19	-81.63	-58.34	8.35	11.50	V

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



SA n41 / NR 100MHz / QPSK / 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 n41 Lowest	5092.02	-57.82	-25	-32.82	-81.27	-63.38	7.12	12.68	H
	7638.03	-56.24	-25	-31.24	-82.15	-59.57	8.26	11.59	H
	10184.04	-52.50	-25	-27.50	-82.82	-54.03	10.45	11.98	H
	5092.02	-56.90	-25	-31.90	-81.33	-62.46	7.12	12.68	V
	7638.03	-55.01	-25	-30.01	-81.6	-58.34	8.26	11.59	V
	10184.04	-51.31	-25	-26.31	-82.85	-52.84	10.45	11.98	V
NR n41 Middle	5184.00	-57.36	-25	-32.36	-81.40	-62.92	7.14	12.70	H
	7779.00	-56.24	-25	-31.24	-81.72	-59.54	8.30	11.60	H
	10368.00	-52.80	-25	-27.80	-83.46	-54.32	10.48	12.00	H
	5184.00	-57.45	-25	-32.45	-81.88	-63.01	7.14	12.70	V
	7779.00	-52.29	-25	-27.29	-81.54	-55.59	8.30	11.60	V
	10368.00	-51.06	-25	-26.06	-83.58	-52.58	10.48	12.00	V
NR n41 Highest	5280.00	-57.55	-25	-32.55	-81.99	-63.11	7.16	12.72	H
	7920.00	-55.78	-25	-30.78	-81.72	-59.08	8.33	11.63	H
	10560.00	-52.66	-25	-27.66	-83.80	-54.26	10.50	12.10	H
	5280.00	-57.56	-25	-32.56	-81.79	-63.12	7.16	12.72	V
	7920.00	-52.56	-25	-27.56	-81.5	-55.86	8.33	11.63	V
	10560.00	-50.46	-25	-25.46	-83.96	-52.06	10.50	12.10	V

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



EN-DC_7A_n66A / LTE 20MHz + NR 40MHz / QPSK / ANT0(LTE) & ANT1(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 n66 Lowest	3420	-53.90	-13	-40.90	-74.48	-60.78	5.60	12.48	H
	5130	-53.94	-13	-40.94	-77.63	-59.62	7.10	12.78	H
	6840	-55.94	-13	-42.94	-81.55	-59.33	8.38	11.77	H
	3420	-53.49	-13	-40.49	-75.27	-60.37	5.60	12.48	V
	5130	-55.16	-13	-42.16	-79.59	-60.84	7.10	12.78	V
	6840	-53.67	-13	-40.67	-81.11	-57.06	8.38	11.77	V
LTE Band7 Lowest	5052.18	-58.03	-25	-33.03	-81.13	-63.59	7.14	12.70	H
	7578.27	-54.97	-25	-29.97	-81.05	-58.27	8.30	11.60	H
	10104.36	-52.60	-25	-27.60	-82.80	-54.12	10.48	12.00	H
	5052.18	-57.12	-25	-32.12	-81.55	-62.68	7.14	12.70	V
	7578.27	-55.75	-25	-30.75	-81.83	-59.05	8.30	11.60	V
	10104.36	-51.94	-25	-26.94	-83.12	-53.46	10.48	12.00	V
NR n66 Middle	3450	-55.89	-13	-42.89	-77.05	-62.74	5.65	12.50	H
	5175	-56.29	-13	-43.29	-80.33	-61.96	7.13	12.80	H
	6900	-56.02	-13	-43.02	-81.69	-59.42	8.40	11.80	H
	3450	-54.46	-13	-41.46	-76.56	-61.31	5.65	12.50	V
	5175	-57.19	-13	-44.19	-81.62	-62.86	7.13	12.80	V
	6900	-55.08	-13	-42.08	-82.03	-58.48	8.40	11.80	V
LTE Band7 Middle	5052.18	-57.92	-25	-32.92	-81.02	-63.48	7.14	12.70	H
	7578.27	-56.13	-25	-31.13	-82.21	-59.43	8.30	11.60	H
	10104.36	-52.81	-25	-27.81	-83.01	-54.33	10.48	12.00	H
	5052.18	-57.26	-25	-32.26	-81.69	-62.82	7.14	12.70	V
	7578.27	-55.91	-25	-30.91	-81.99	-59.21	8.30	11.60	V
	10104.36	-51.92	-25	-26.92	-83.1	-53.44	10.48	12.00	V
NR n66 Highest	3480	-49.74	-13	-36.74	-71.47	-56.58	5.68	12.52	H
	5220	-57.04	-13	-44.04	-81.25	-62.71	7.15	12.82	H
	6960	-55.79	-13	-42.79	-81.54	-59.22	8.42	11.85	H
	3480	-51.41	-13	-38.41	-73.81	-58.25	5.68	12.52	V
	5220	-52.84	-13	-39.84	-77.22	-58.51	7.15	12.82	V
	6960	-55.95	-13	-42.95	-82.25	-59.38	8.42	11.85	V
LTE Band7 Highest	5052.18	-58.28	-25	-33.28	-81.38	-63.84	7.14	12.70	H
	7578.27	-56.26	-25	-31.26	-82.34	-59.56	8.30	11.60	H
	10104.36	-53.15	-25	-28.15	-83.35	-54.67	10.48	12.00	H
	5052.18	-56.76	-25	-31.76	-81.19	-62.32	7.14	12.70	V
	7578.27	-56.11	-25	-31.11	-82.19	-59.41	8.30	11.60	V
	10104.36	-51.88	-25	-26.88	-83.06	-53.40	10.48	12.00	V

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