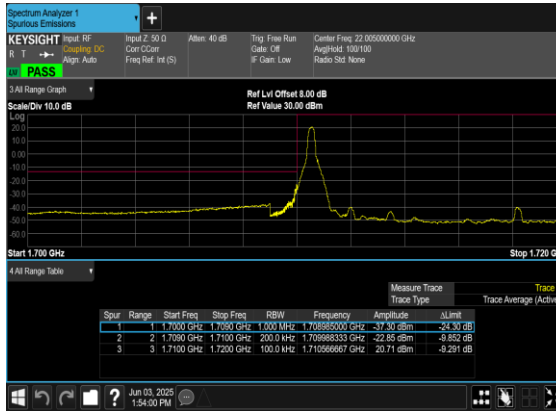
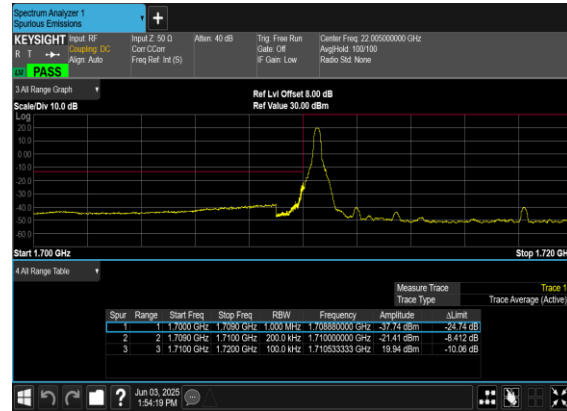




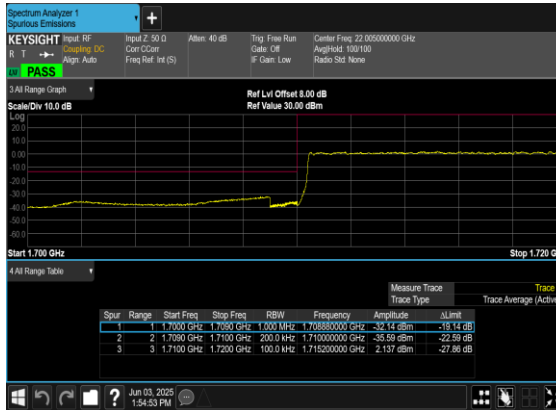
N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



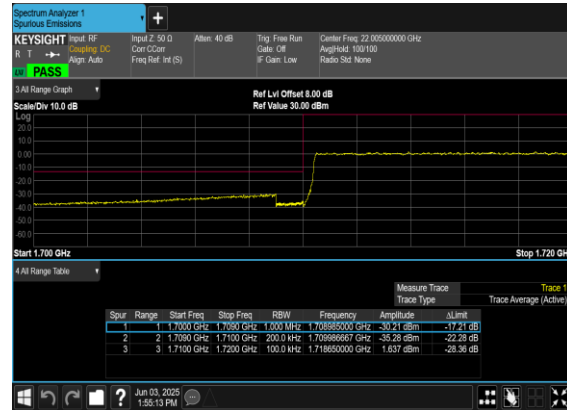
N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

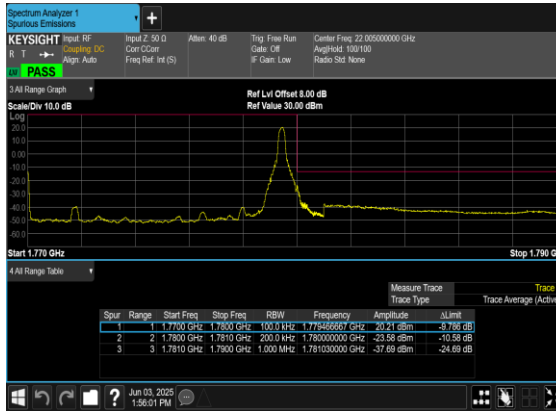


N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

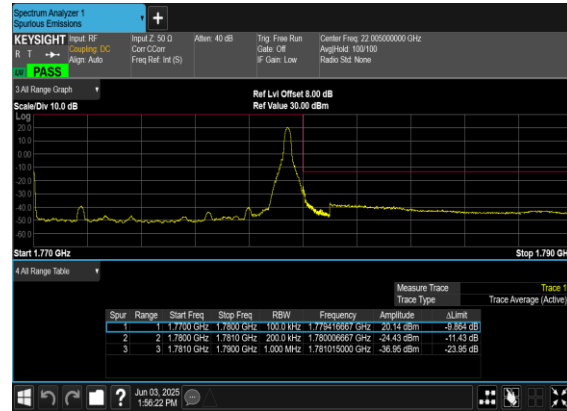




N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



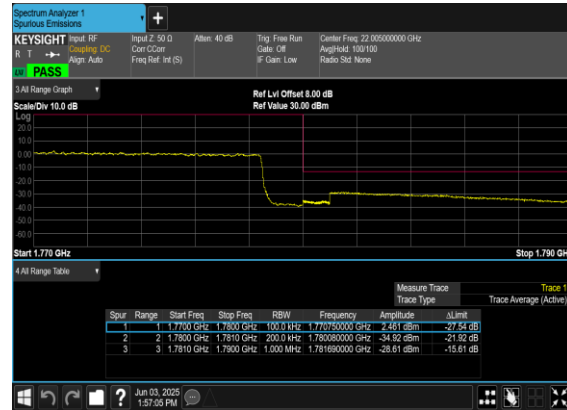
N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

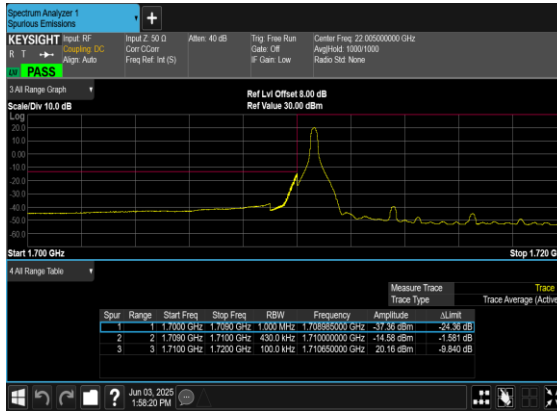


N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

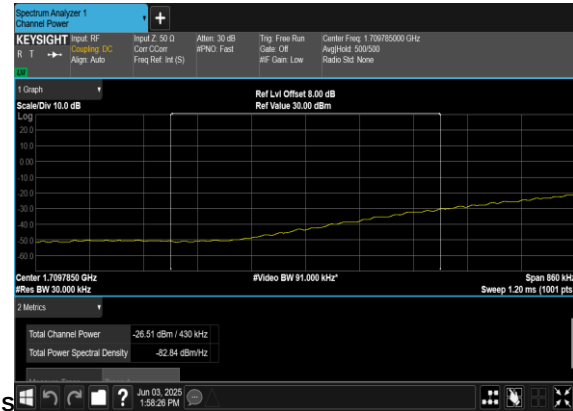




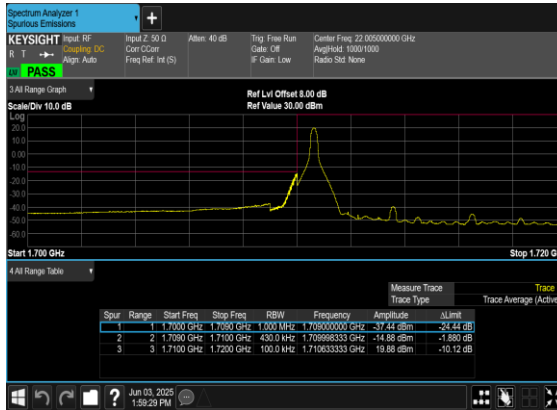
N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



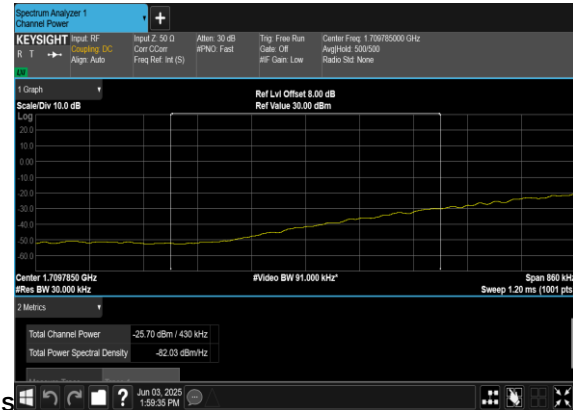
N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PAS



N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

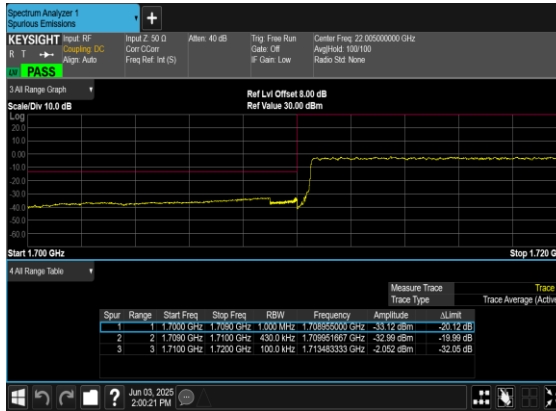


N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PAS

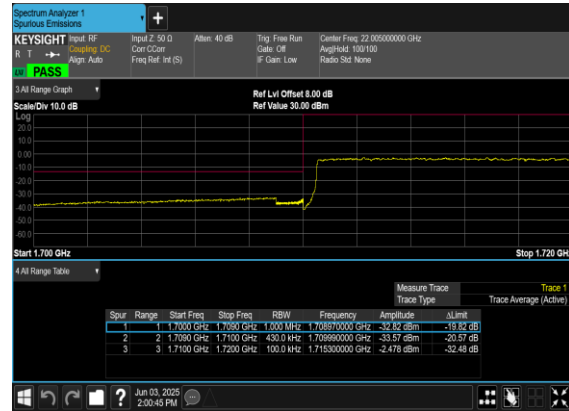




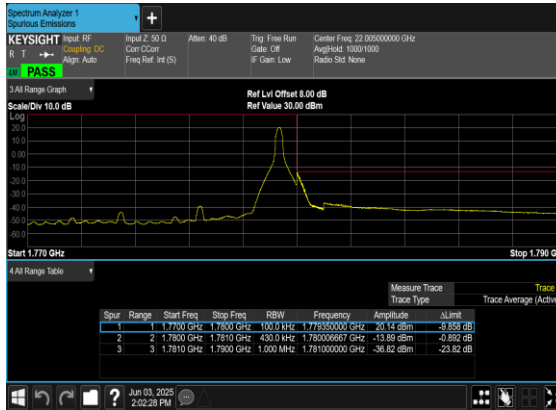
N66(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



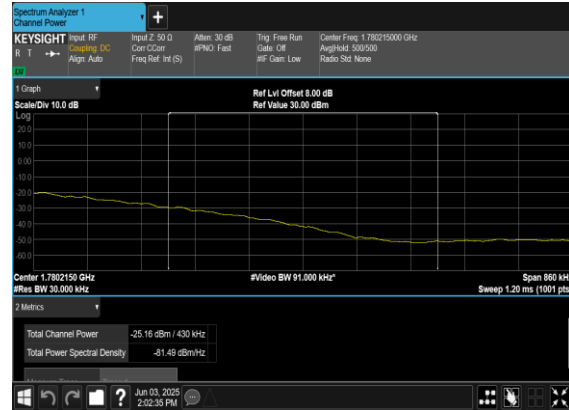
N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH

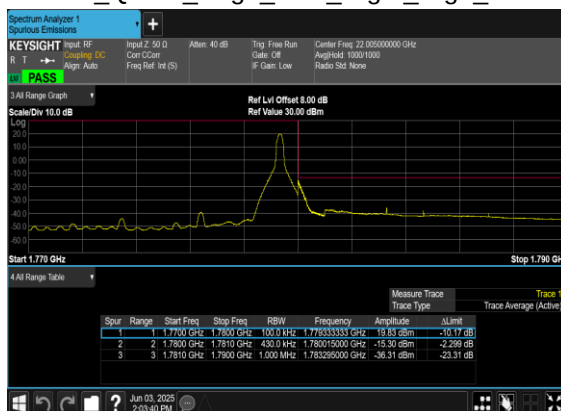


N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_P
ASS

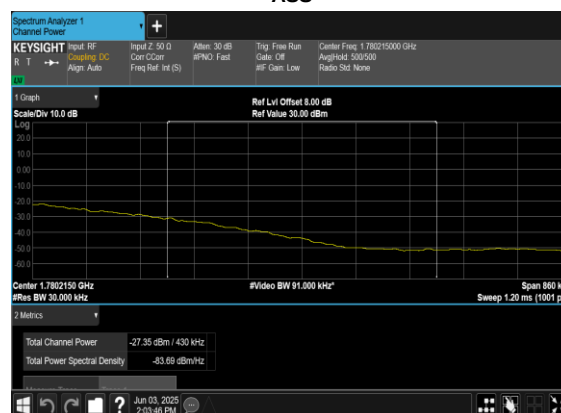




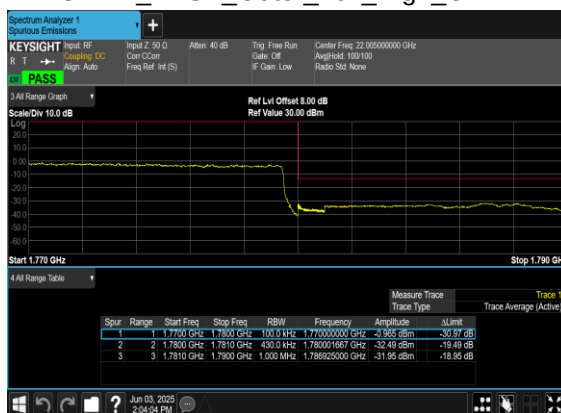
N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



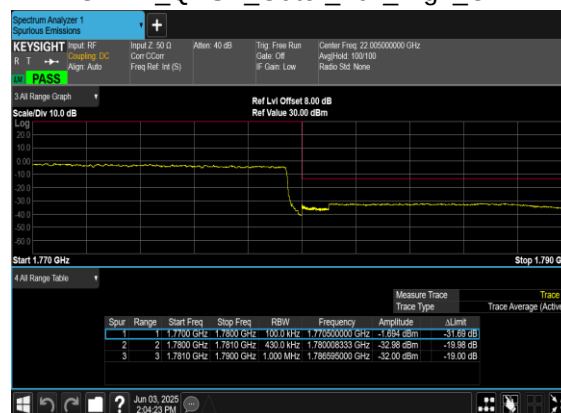
N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH_CH_P
ASS



N66(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	LiangPing Zhou	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.

n2 SA / NR 20MHz / 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	3742	-61.94	-13	-48.94	-80.03	-68.69	5.85	12.60	H
	5613	-59.64	-13	-46.64	-81.65	-65.44	7.30	13.10	H
	7484	-55.78	-13	-42.78	-81.73	-58.93	8.35	11.50	H
	3742	-61.86	-13	-48.86	-79.87	-68.61	5.85	12.60	V
	5613	-59.76	-13	-46.76	-81.96	-65.56	7.30	13.10	V
	7484	-55.60	-13	-42.60	-81.54	-58.75	8.35	11.50	V

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

EN-DC_7A_n2A / LTE 10MHz + NR 20MHz / QPSK (ANT4+5)									
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 Middle	3742	-63.26	-13	-50.26	-81.35	-70.01	5.85	12.60	H
	5613	-60.24	-13	-47.24	-82.25	-66.04	7.30	13.10	H
	7484	-57.58	-13	-44.58	-83.53	-60.73	8.35	11.50	H
	3742	-63.29	-13	-50.29	-81.3	-70.04	5.85	12.60	V
	5613	-60.06	-13	-47.06	-82.26	-65.86	7.30	13.10	V
	7484	-57.71	-13	-44.71	-83.65	-60.86	8.35	11.50	V
LTE Band7 Middle	5061.00	-62.13	-25	-37.13	-83.89	-67.69	7.14	12.70	H
	7591.50	-57.47	-25	-32.47	-83.16	-60.77	8.30	11.60	H
	10122.00	-53.83	-25	-28.83	-83.98	-55.35	10.48	12.00	H
	5061.00	-61.86	-25	-36.86	-83.76	-67.42	7.14	12.70	V
	7591.50	-57.68	-25	-32.68	-83.32	-60.98	8.30	11.60	V
	10122.00	-55.33	-25	-30.33	-84.11	-56.85	10.48	12.00	V

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



n5 SA / NR 20MHz / QPSK(ANT1)									
Channel	Frequency (MHz)	ERP (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	1655	-66.37	-13	-53.37	-75.93	-69.62	4.00	9.40	H
	2482.5	-61.79	-13	-48.79	-75.69	-65.36	4.88	10.60	H
	3310	-62.56	-13	-49.56	-78.48	-67.49	5.52	12.60	H
	1655	-66.49	-13	-53.49	-75.65	-69.74	4.00	9.40	V
	2482.5	-63.02	-13	-50.02	-76.89	-66.59	4.88	10.60	V
	3310	-62.54	-13	-49.54	-78.24	-67.47	5.52	12.60	V

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

EN-DC_7A_n5A / LTE 10MHz + NR 20MHz / QPSK (ANT4+1)									
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 Middle	1655	-67.02	-13	-54.02	-76.58	-70.27	4.00	9.40	H
	2482.5	-64.17	-13	-51.17	-78.07	-67.74	4.88	10.60	H
	3310	-64.07	-13	-51.07	-79.99	-69.00	5.52	12.60	H
	1655	-67.29	-13	-54.29	-76.45	-70.54	4.00	9.40	V
	2482.5	-64.47	-13	-51.47	-78.34	-68.04	4.88	10.60	V
	3310	-64.27	-13	-51.27	-79.97	-69.20	5.52	12.60	V
LTE Band7 Middle	5061.00	-62.10	-25	-37.10	-83.86	-67.66	7.14	12.70	H
	7591.50	-57.61	-25	-32.61	-83.30	-60.91	8.30	11.60	H
	10122.00	-53.71	-25	-28.71	-83.86	-55.23	10.48	12.00	H
	5061.00	-61.78	-25	-36.78	-83.68	-67.34	7.14	12.70	V
	7591.50	-57.73	-25	-32.73	-83.37	-61.03	8.30	11.60	V
	10122.00	-55.20	-25	-30.20	-83.98	-56.72	10.48	12.00	V

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

n26 SA / NR 20MHz / QPSK(ANT1)									
Channel	Frequency (MHz)	ERP (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	1655	-61.27	-13	-48.27	-70.83	-64.52	4.00	9.40	H
	2482.5	-54.10	-13	-41.10	-68.00	-57.67	4.88	10.60	H
	3310	-62.51	-13	-49.51	-78.43	-67.44	5.52	12.60	H
	1655	-65.08	-13	-52.08	-74.24	-68.33	4.00	9.40	V
	2482.5	-58.99	-13	-45.99	-72.86	-62.56	4.88	10.60	V
	3310	-62.53	-13	-49.53	-78.23	-67.46	5.52	12.60	V

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



n66 SA / NR 40MHz / QPSK(ANT5)									
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	3452	-59.14	-13	-46.14	-75.65	-65.89	5.85	12.60	H
	5178	-49.61	-13	-36.61	-71.17	-55.41	7.30	13.10	H
	6904	-56.91	-13	-43.91	-82.09	-60.06	8.35	11.50	H
	3452	-57.36	-13	-44.36	-73.91	-64.11	5.85	12.60	V
	5178	-52.58	-13	-39.58	-74.43	-58.38	7.30	13.10	V
	6904	-56.49	-13	-43.49	-82.15	-59.64	8.35	11.50	V

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

EN-DC_7A_n66A / LTE 10MHz + NR 20MHz / QPSK (ANT4+5)									
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 Middle	3452	-62.60	-13	-49.60	-79.11	-69.45	5.65	12.50	H
	5178	-58.49	-13	-45.49	-80.05	-64.16	7.13	12.80	H
	6904	-58.72	-13	-45.72	-83.90	-62.12	8.40	11.80	H
	3452	-61.76	-13	-48.76	-78.31	-68.61	5.65	12.50	V
	5178	-59.76	-13	-46.76	-81.61	-65.43	7.13	12.80	V
	6904	-58.21	-13	-45.21	-83.87	-61.61	8.40	11.80	V
LTE Band7 Middle	5061.00	-61.92	-25	-36.92	-83.68	-67.48	7.14	12.70	H
	7591.50	-57.76	-25	-32.76	-83.45	-61.06	8.30	11.60	H
	10122.00	-53.56	-25	-28.56	-83.71	-55.08	10.48	12.00	H
	5061.00	-61.67	-25	-36.67	-83.57	-67.23	7.14	12.70	V
	7591.50	-57.57	-25	-32.57	-83.21	-60.87	8.30	11.60	V
	10122.00	-55.30	-25	-30.30	-84.08	-56.82	10.48	12.00	V

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