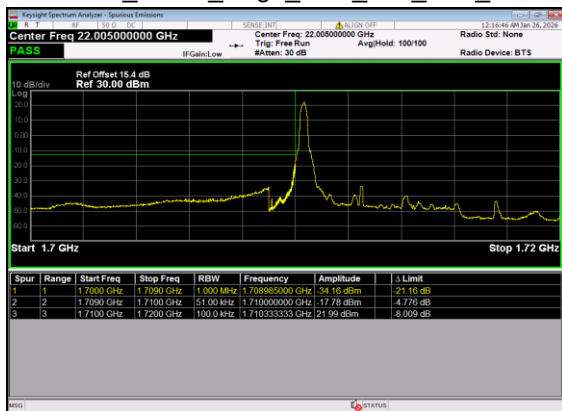
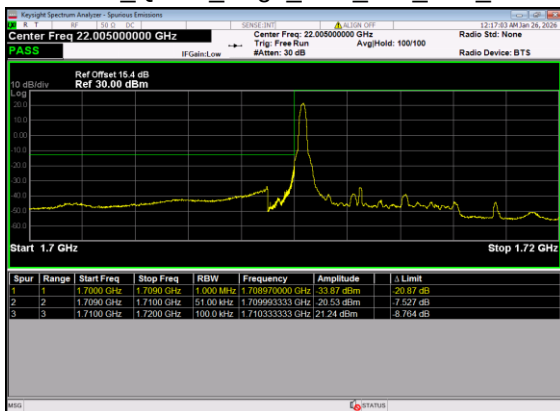




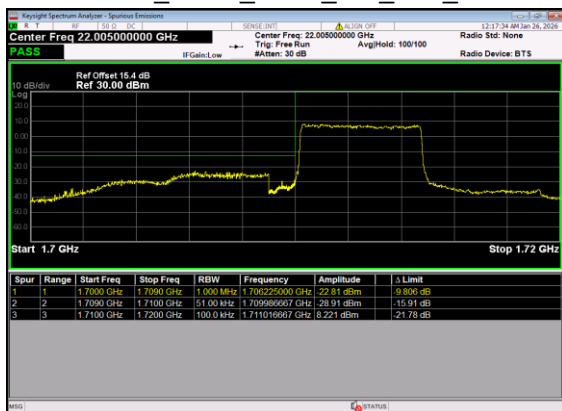
B7_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



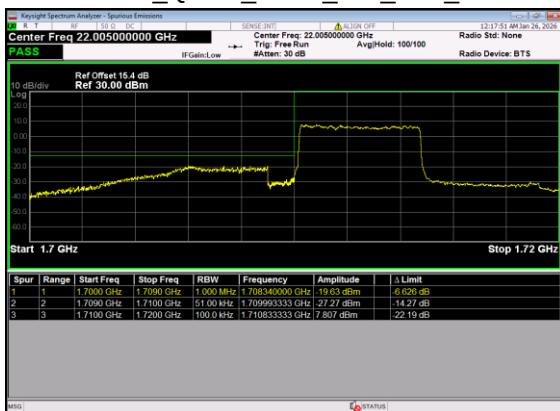
B7_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B7_N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

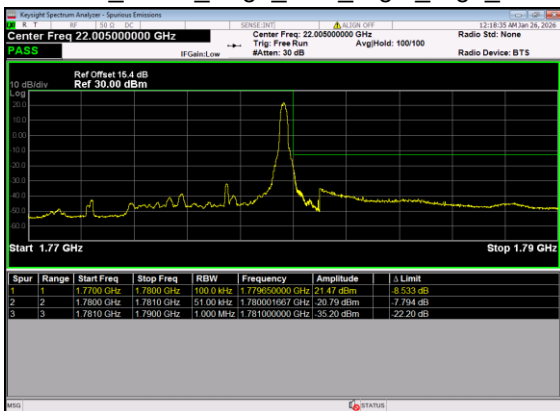


B7_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

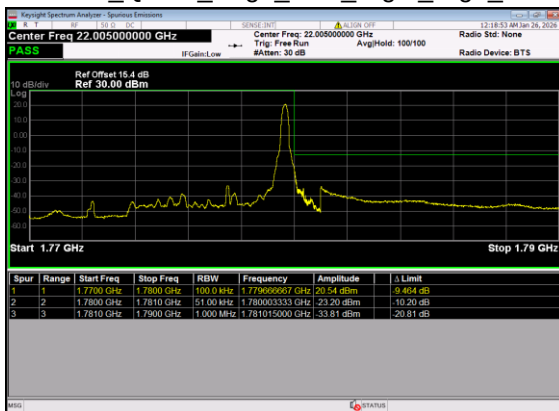




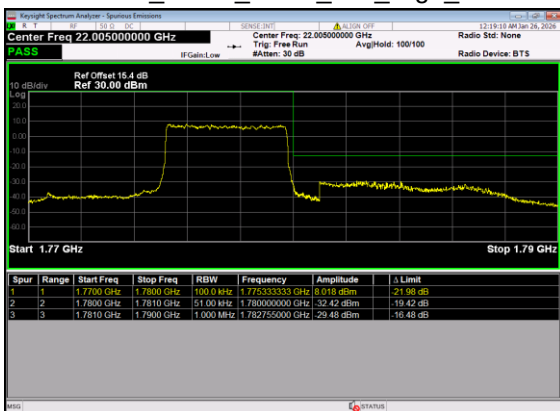
B7_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



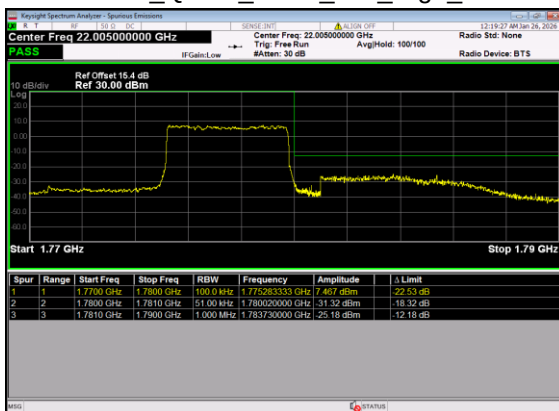
B7_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B7_N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

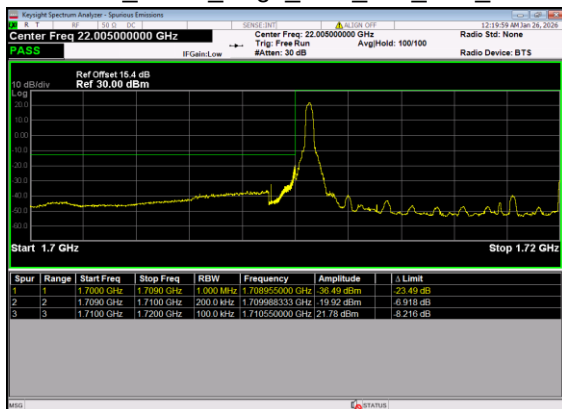


B7_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

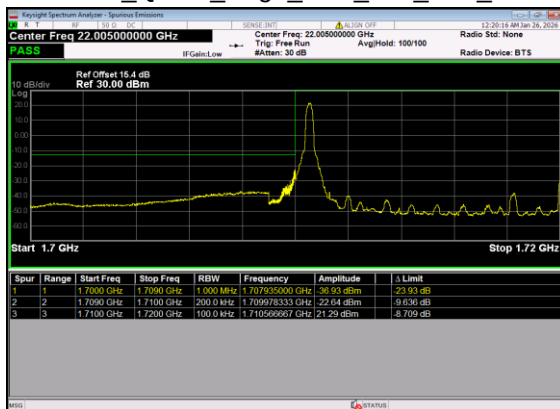




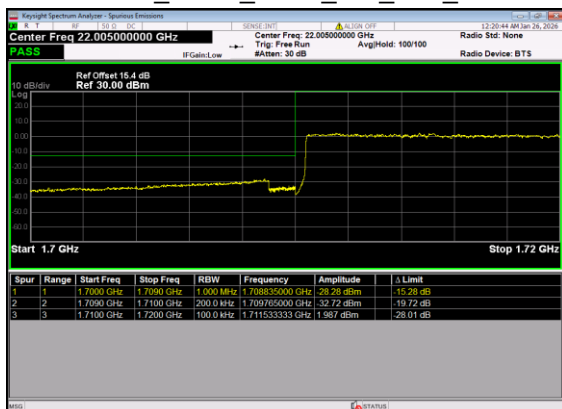
B7_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



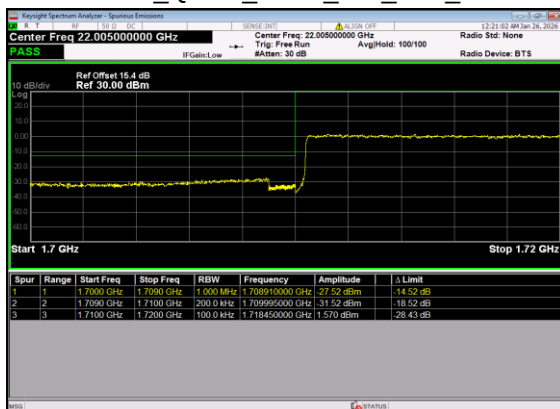
B7_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B7_N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

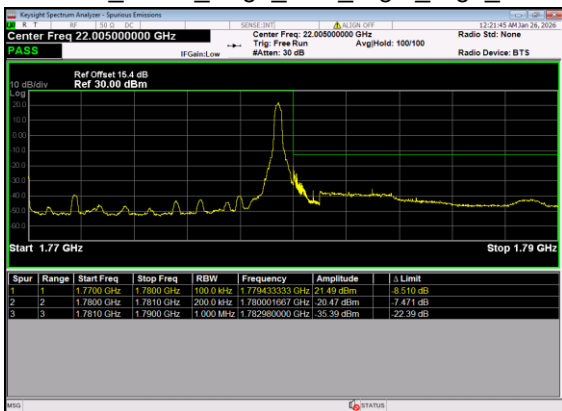


B7_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

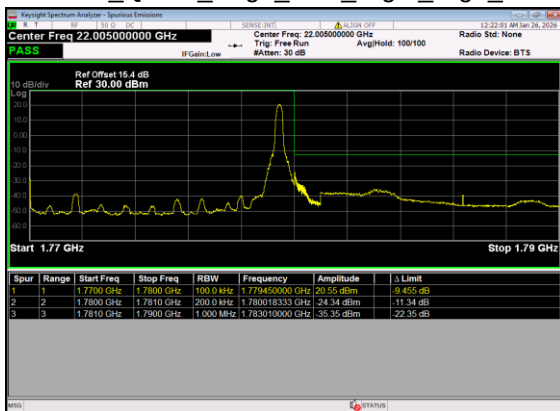




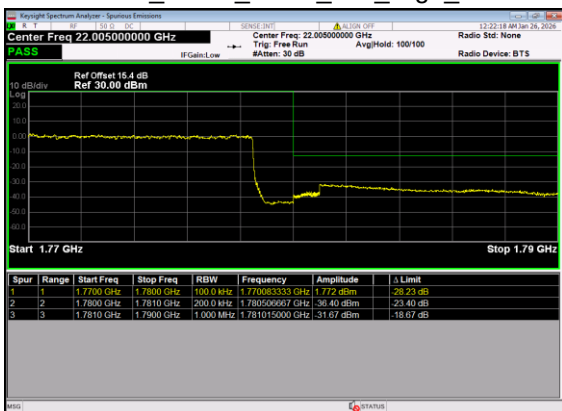
B7_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



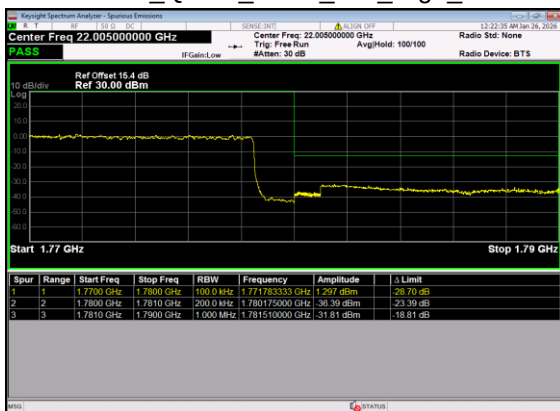
B7_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B7_N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

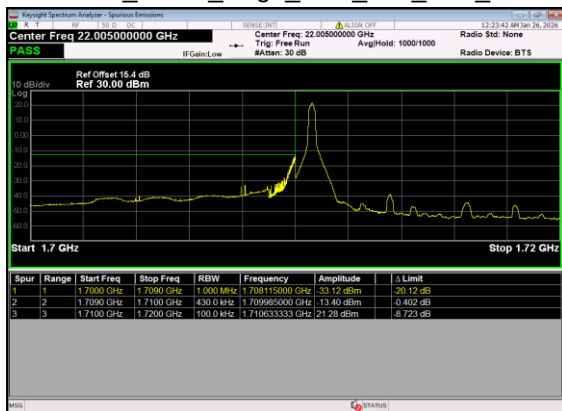


B7_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

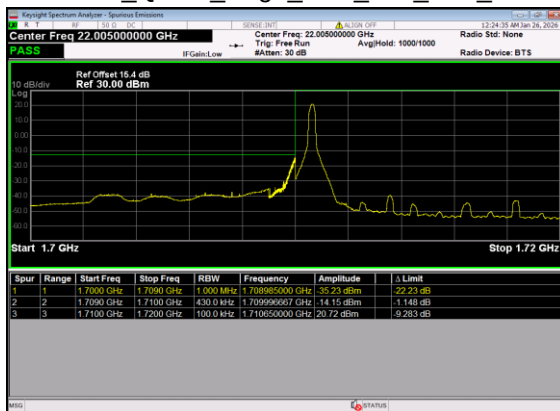




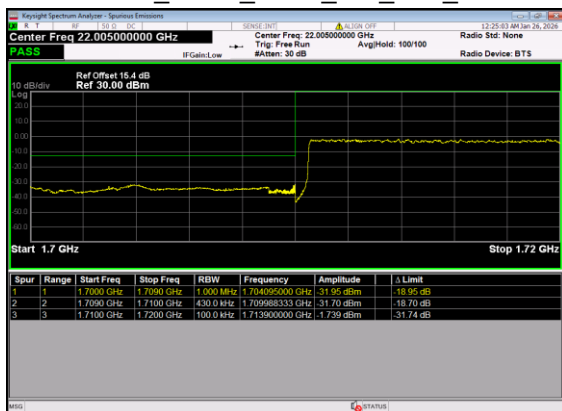
B7_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



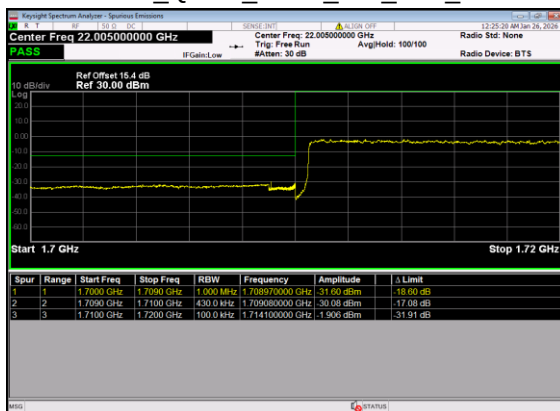
B7_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B7_N66(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

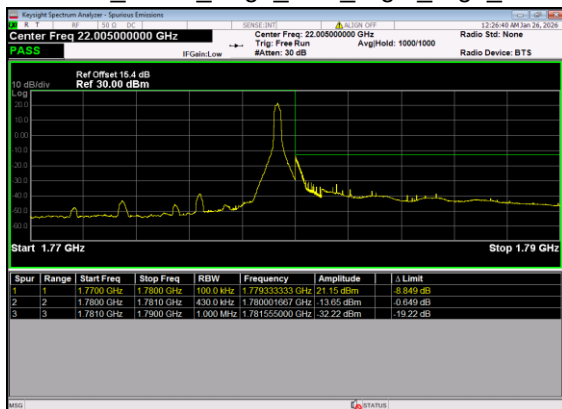


B7_N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

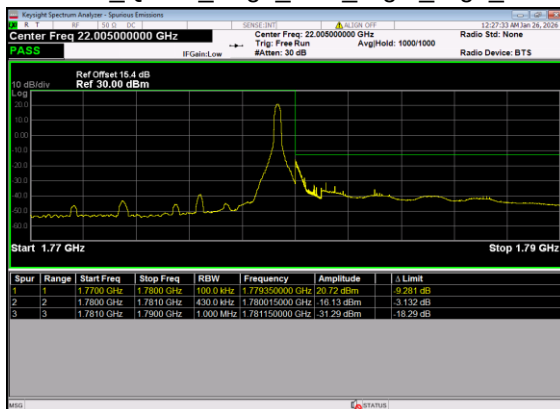




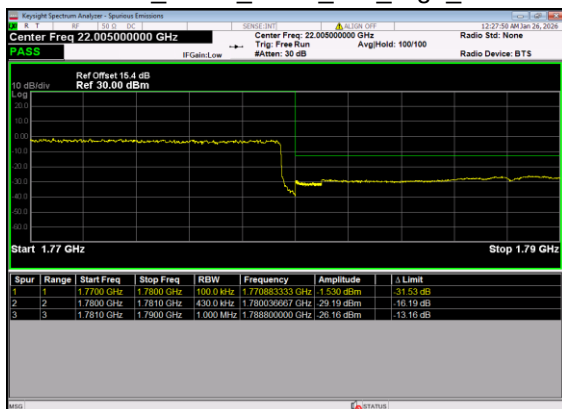
B7_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



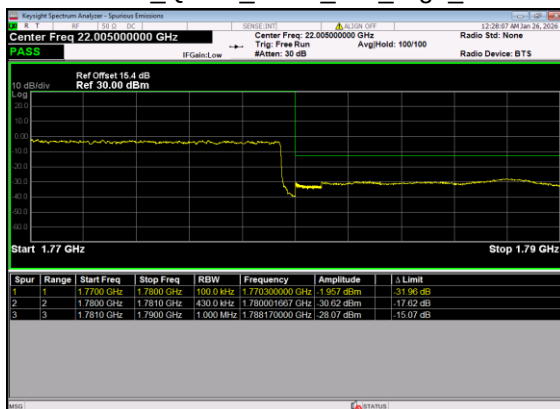
B7_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B7_N66(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B7_N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



**Peak to Average Ratio**

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	4.08	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	1@0	3.38	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	4.97	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	3.91	13	PASS



B7_N66(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



B7_N66(20M)_DFT-s-OFDM_PI_2-
BPSK_Edge_1RB_Left_Mid_CH



B7_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



B7_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jake	Temperature :	21~25°C
		Relative Humidity :	51~53%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

n25 SA / NR 40MHz / QPSK(ANT2)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3720	-55.85	-13	-42.85	-68.11	2.64	14.90	H
	5580.27	-55.66	-13	-42.66	-67.52	2.94	14.80	H
	7440.36	-52.28	-13	-39.28	-62.05	3.39	13.16	H
	3720.18	-55.99	-13	-42.99	-68.25	2.64	14.90	V
	5580.27	-55.03	-13	-42.03	-66.89	2.94	14.80	V
	7440	-51.95	-13	-38.95	-61.72	3.39	13.16	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+2) other PA								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3735	-55.37	-13	-42.37	-67.63	2.64	14.90	H
	5610	-54.83	-13	-41.83	-66.69	2.94	14.80	H
	7485	-51.69	-13	-38.69	-61.46	3.39	13.16	H
	3735	-56.16	-13	-43.16	-68.42	2.64	14.90	V
	5610	-55.63	-13	-42.63	-67.49	2.94	14.80	V
	7485	-52.30	-13	-39.30	-62.07	3.39	13.16	V

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



n66 SA / NR 40MHz / QPSK(ANT2)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3454.18	-57.72	-13	-44.72	-68.46	2.604	13.34	H
	5181.27	-52.40	-13	-39.40	-62.91	3.011	13.52	H
	6915	-53.98	-13	-40.98	-64.18	3.271	13.47	H
	3450	-57.45	-13	-44.45	-68.19	2.604	13.34	V
	5181.27	-51.90	-13	-38.90	-62.41	3.011	13.52	V
	6908.36	-54.00	-13	-41.00	-64.20	3.271	13.47	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+2) other PA								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3450	-57.35	-13	-44.35	-68.09	2.604	13.34	H
	5175	-54.74	-13	-41.74	-65.25	3.011	13.52	H
	6915	-54.33	-13	-41.33	-64.53	3.271	13.47	H
	3450	-57.97	-13	-44.97	-68.71	2.604	13.34	V
	5175	-54.82	-13	-41.82	-65.33	3.011	13.52	V
	6915	-54.22	-13	-41.22	-64.42	3.271	13.47	V

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