

October 30, 2002

Federal Communications Commission
Authorization & Evaluation Division
7435 Oakland Mills Road
Columbia Maryland 21046

Attention: Equipment Authorization Branch

Subject: Type Acceptance FCC ID: OWDTR-0018-E

Members of the Commission or TCB

M/A Com Private Radio Systems Inc. requests the Type Acceptance of the OWDTR-0018-E portable transceiver. The OWDTR-0018-E is a trunking portable radio that operates in the 806-821/851-866 MHz band with a talkaround mode, and in the 821-824/866-869 MHz band with NPSPC and talkaround modes. The OWDTR-0018-E has a maximum power rating of about 3.2 watts conducted switchable to 1 watt. This radio is very similar to the OWDTR-0014-E and the OWDTR-0006-E. The radio has an analog voice, 2-level FM voice/data and C4FM voice/data modes, Carson's rule calculations have been furnished for all modes, but only the worst case is requested to be placed on the grant. Unit used for test in report is representative of the product to be sold.

Modulation	Band MHz	Max. Modulation kHz	Baud(s/s)	Bps	Channel Spacing kHz	Deviation kHz	Carson's Rule B=s/s	Emission Designator
2-level	806-821		9600	9600	25	3	2(B)/2+2DK	15K6F1D 15K6F1E
2-level	821-824		9600	9600	NPSPAC	2.4	2(B)/2+2DK	14K4F1D 14K4F1E
2-level	851-866		9600	9600	25	3	2(B)/2+2DK	15K6F1D 15K6F1E
2-level	866-869		9600	9600	NPSPAC	2.4	2(B)/2+2DK	14K4F1D 14K4F1E
C4FM	806-821		4800	9600	12.5	2.8	2(B)/2+2DK	10K4F1D 10K4F1E
C4FM	821-824		4800	9600	NPSPAC	2.8	2(B)/2+2DK	10K4F1D 10K4F1E
C4FM	851-866		4800	9600	12.5	2.8	2(B)/2+2DK	10K4F1D 10K4F1E
C4FM	866-869		4800	9600	NPSPAC	2.8	2(B)/2+2DK	10K4F1D 10K4F1E
Analog	806-821	3	N/a	N/a	25 kHz	5	2M+2DK	16K0F3E
Analog	821-824	3	N/a	N/a	NPSPAC	4	2M+2DK	14K0F3E
Analog	851-866	3	N/a	N/a	25kHz	5	2M+2DK	16K0F3E
Analog	866-869	3	N/a	N/a	NPSPAC	4	2M+2DK	14K0F3E

Regards,

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