

RS 6105 M VHF COMM TRANSCEIVER

GENERAL

POWER SUPPLY

13.8 V DC or 27.5 V DC with voltage converter

CURRENT CONSUMPTION

receive - 1.4 A, transmit - 4.5 A

FREQUENCY RANGE

118 - 137.97 MHz

NUMBER OF CHANNELS

up to 800 in 25 kHz spacing

NON VOLTAILE MEMORY

for 10 channels

APPLICABLE DOCUMENTS

RTCA DO-156, DO 157, DO 160, ENV.CAT.B1A/N

RECEIVER

SENSITIVITY

2 μ V nominal; typically 1 μ V for 6dB S + N/N

SELECTIVITY

RS 6105A - \pm 15 kHz/6 dB, RS 6105B - \pm 7.5 kHz/6 dB
AGC, 5 μ V - 100mV/6 dB

AUDIO OUTPUT

200 mV into 600 ohm, 1W into 8 ohm

SQUELCH

adjustable (2-20 μ V)

SPURIOUS RESPONSE

at least 60 dB

TRANSMITTER

OUTPUT POWER

5 W nominal, 7-9 E typical

MODULATION

85%, compression

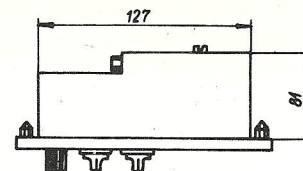
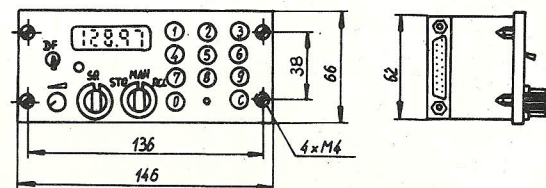
DISTORTION

15 % with 85 % modulation

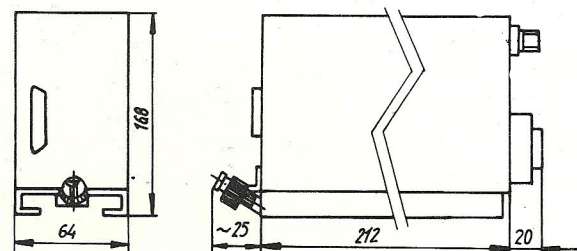
UNDESIRED RADIATION

less than 25×10^{-6} W

CONTROL UNIT PR 6162



TRANSCEIVER RS 6105M



VOLTAGE CONVERTER 28/14

