

Test Configuration #4: Teklogix TRX7431 Radio installed inside Teklogix 8260 Vehicle Mount Terminal



UltraTech
Engineering Labs Inc.

APPLICANT: TEKLOGIX
PRODUCT: 8260
MODEL:

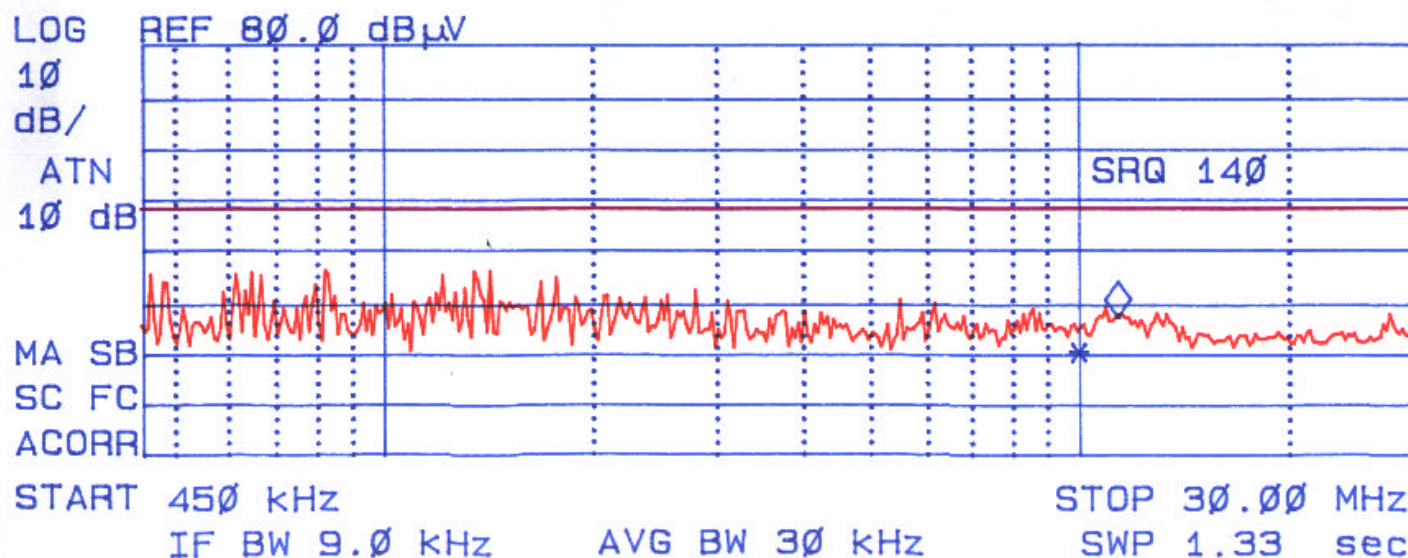
POWER-LINE CONDUCTED EMISSIONS MEASUREMENTS

EMI Detector: ☒ Peak ☐ Quasi Peak ☐ Average Temp.: 20 °C, Humidity: 31 %
Line Tested: 1, Input Voltage: 100VAC Tested by: HT Test Date: 02/11/99
Comments: FCC 15B
8260 + TRX 7431 LUCENT

Signal	Freq (MHz)	PK Amp	QP Amp	AV Amp	QPΔ1	
1	0.653400	37.1	35.2	27.9	-12.8	No user Menu
2	1.228100	37.3	35.4	27.1	-12.6	
3	11.412025	30.3	25.0	17.2	-23.0	

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 11.37 MHz
26.81 dBμV

PLOT #3



Test Configuration #4: Teklogix TRX7431 Radio installed inside Teklogix 8260 Vehicle Mount Terminal



UltraTech
Engineering Labs Inc.

APPLICANT: TEKLOGIX
PRODUCT: 8260
MODEL: _____

POWER-LINE CONDUCTED EMISSIONS MEASUREMENTS

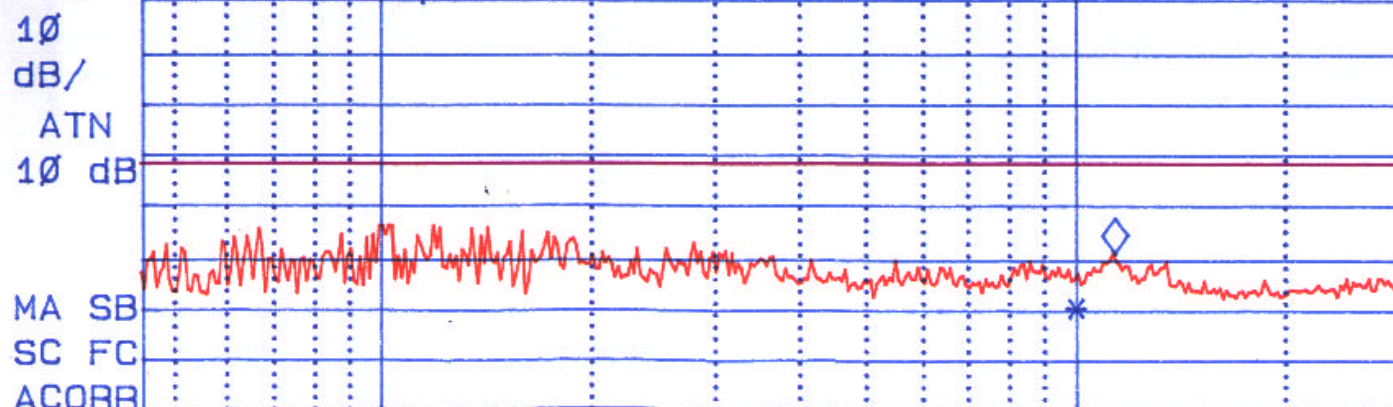
EMI Detector: ☒ Peak ☐ Quasi Peak ☐ Average Temp.: 20 °C, Humidity: 31 %
Line Tested: 2, Input Voltage: 120VAC Tested by: HT Test Date: 9/28/99
Comments: FCC 15B
8260 + TRX 7431 LUIGENT

Signal	Freq (MHz)	PK Amp	QP Amp	AV Amp	QPΔ1	
1	0.653407	36.4	34.4	26.6	-13.6	No user Menu
2	1.228090	35.8	33.5	25.0	-14.5	
3	11.412024	30.8	24.5	16.8	-23.5	

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 11.37 MHz
30.63 dBμV

PLOT # 4

LOG REF 80.0 dBμV



START 450 kHz

IF BW 9.0 kHz

AVG BW 30 kHz

STOP 30.00 MHz

SWP 1.33 sec