

INDEX OF SUBMITTED MEASURED DATA

This exhibit contains the measured data for this equipment as follows:

EXHIBIT 6A - RF Power Output (Table)**EXHIBIT 6B** - Transmit Audio Response (2 Graphs) (*)

6B-1 - 12.5 kHz Channel Spacing

6B-2 - 25 kHz Channel Spacing

EXHIBIT 6C - Transmit Audio Post Limiter Lowpass Filter Response (2 Graphs) (*)

6C-1 - 12.5 kHz Channel Spacing

6C-2 - 25 kHz Channel Spacing

EXHIBIT 6D - Modulation Limiting Characteristics (6 Graphs) (*)

6D-1 - 12.5 kHz Channel Spacing, Carrier Squelch Mode

6D-2 - 12.5 kHz Channel Spacing, Tone Private Line (TPL) Mode

6D-3 - 12.5 kHz Channel Spacing, Digital Private Line (DPL) Mode

6D-4 - 25 kHz Channel Spacing, Carrier Squelch Mode

6D-5 - 25 kHz Channel Spacing, Digital Private Line (DPL) Mode

6D-6 - 25 kHz Channel Spacing, Tone Private Line (TPL) Mode

EXHIBIT 6E - Occupied Bandwidth (24 Spectrum Analyzer Plots) (*)

6E-1 - 12.5 kHz 2500 Hz Audio Modulation Only

6E-2 - 12.5 kHz 2500 Hz Audio and TPL Tone Modulation

6E-3 - 12.5 kHz 2500 Hz Audio and DPL Modulation

6E-4 - 12.5 kHz DTMF Modulation Only

6E-5 - 12.5 kHz DTMF Modulation and TPL Tone Modulation

6E-6 - 12.5 kHz DTMF Modulation and DPL Modulation

6E-7 - 12.5 kHz 2000/3000 Hz FSK Data Modulation Only

6E-8 - 12.5 kHz 2000/3000 Hz FSK Data and TPL Tone Modulation

6E-9 - 12.5 kHz 2000/3000 Hz FSK Data and DPL Modulation

6E-10 - 12.5 kHz CWID Modulation

6E-11 - 12.5 kHz CWID Modulation and TPL Tone Modulation

6E-12 - 12.5 kHz CWID Modulation and DPL Modulation

6E-13 - 25 kHz 2500 Hz Audio Modulation Only

6E-14 - 25 kHz 2500 Hz Audio and TPL Tone Modulation

6E-15 - 25 kHz 2500 Hz Audio and DPL Modulation

6E-16 - 25 kHz DTMF Modulation Only

6E-17 - 25 kHz DTMF Modulation and TPL Tone Modulation

6E-18 - 25 kHz DTMF Modulation and DPL Modulation

6E-19 - 25 kHz 2000/3000 Hz FSK Data Modulation Only

6E-20 - 25 kHz 2000/3000 Hz FSK Data and TPL Tone Modulation

6E-21 - 25 kHz 2000/3000 Hz FSK Data and DPL Modulation

6E-22 - 25 kHz CWID Modulation

6E-23 - 25 kHz CWID Modulation and TPL Tone Modulation

6E-24 - 25 kHz CWID Modulation and DPL Modulation

EXHIBIT 6F - Conducted Spurious Emissions (3 Graphs)

6F-1 - 11 Watts, 146.000 MHz

6F-2 - 11 Watts, 160.000 MHz

6F-3 - 11 Watts, 174.000 MHz

Index To Submitted Measured Data (continued)

EXHIBIT 6G - Radiated Spurious Emissions – 11 Watts (Graph)

EXHIBIT 6H - Frequency Stability vs. Temperature (Graph) (*)

EXHIBIT 6J - Frequency Stability vs. Voltage (Graph) (*)

EXHIBIT 6K - Transient Frequency Behavior (4 Graphs) (*)

6K-1 - 12.5 kHz Turn On Characteristic

6K-2 - 12.5 kHz Turn Off Characteristic

6K-3 - 25 kHz Turn On Characteristic

6K-4 - 25 kHz Turn Off Characteristic

EXHIBIT 6L - Line Conducted Spurious Emissions (2 Graphs) (*)

6L-1 - Receive / Standby

6L-2 - Transmit / Fan On

NOTE: Items marked with (*) are from filing FCC ID ABZ99FT3023. This filing is referenced on each sheet for which it applies.

RF POWER OUTPUT (TABLE)**HIGH-POWER SETTING, FREQUENCY 146.000 MHz**

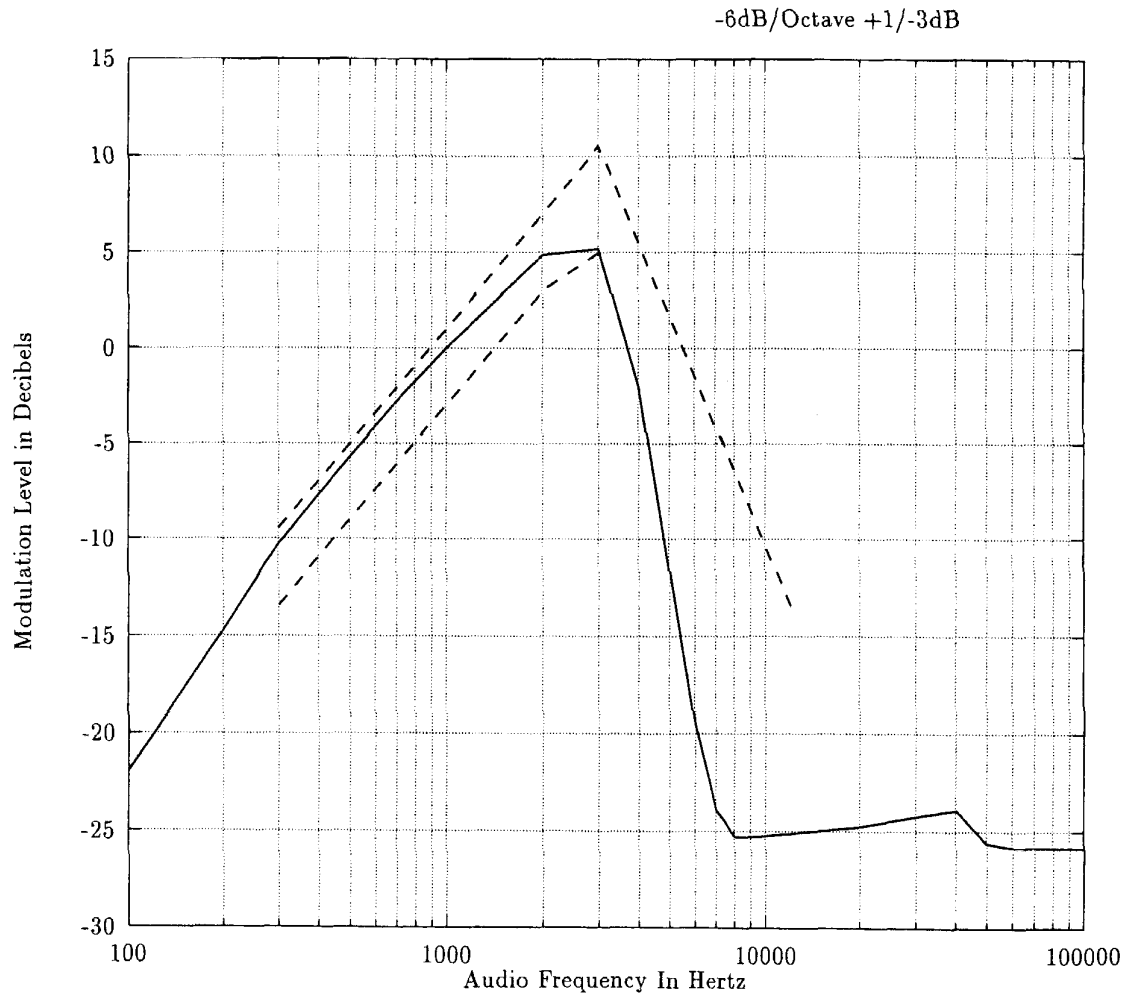
| | |
|---------------------------|--------------|
| Measured RF Output Power: | 11.0 Watts |
| Measured DC Voltage: | 12.7 Volts |
| Measured DC Current: | 1.75 Amperes |
| Measured DC Input Power: | 22.2 Watts |

HIGH -POWER SETTING, FREQUENCY 160.000 MHz

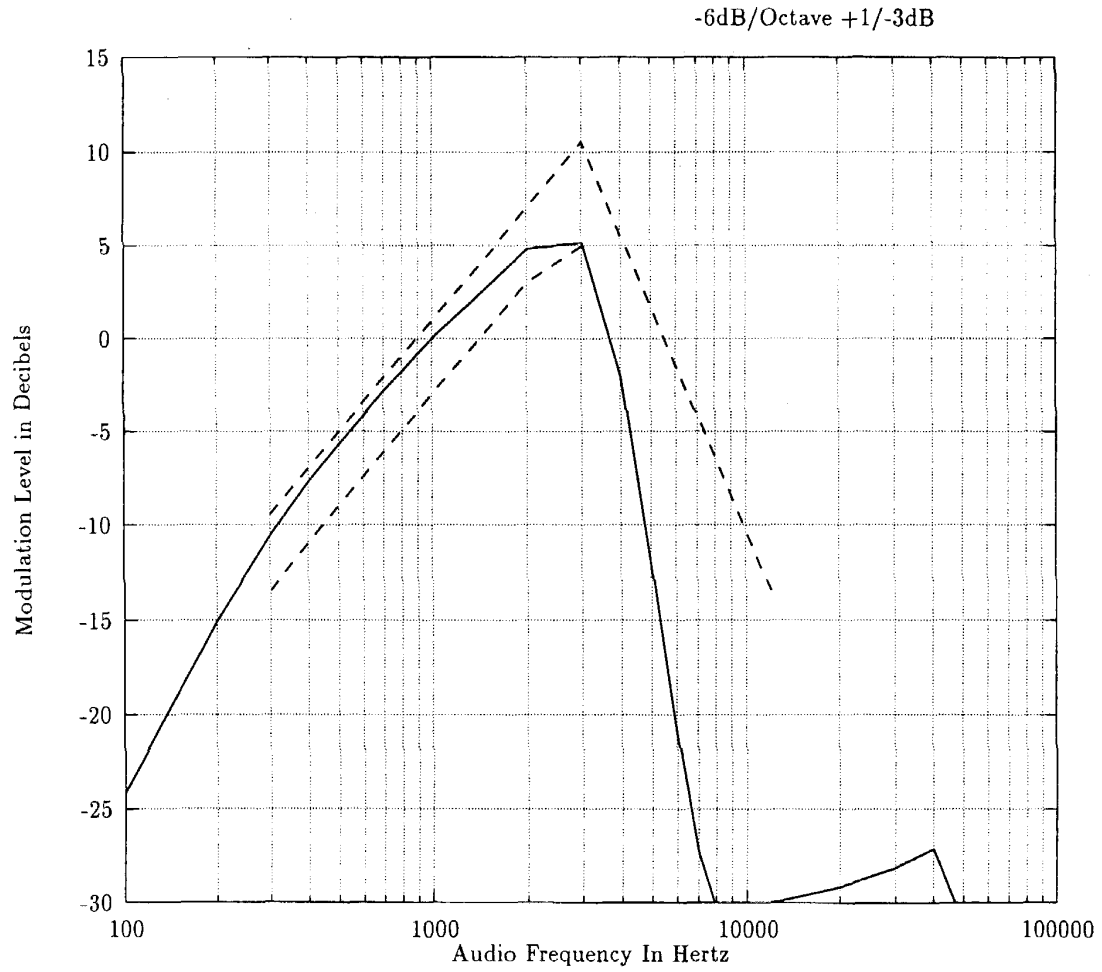
| | |
|---------------------------|--------------|
| Measured RF Output Power: | 11.0 Watts |
| Measured DC Voltage: | 12.6 Volts |
| Measured DC Current: | 1.94 Amperes |
| Measured DC Input Power: | 24.4 Watts |

HIGH -POWER SETTING, FREQUENCY 174.000 MHz

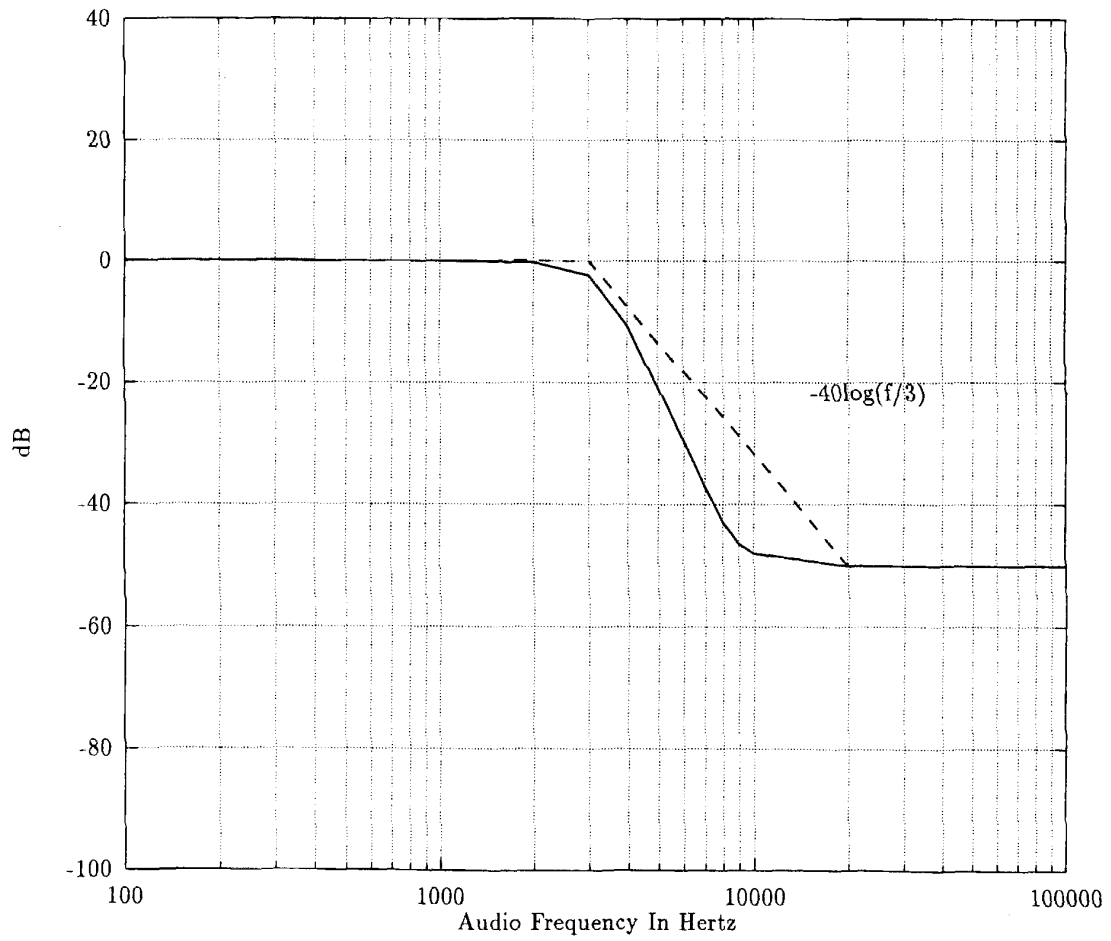
| | |
|---------------------------|--------------|
| Measured RF Output Power: | 11.0 Watts |
| Measured DC Voltage: | 12.7 Volts |
| Measured DC Current: | 1.83 Amperes |
| Measured DC Input Power: | 23.2 Watts |



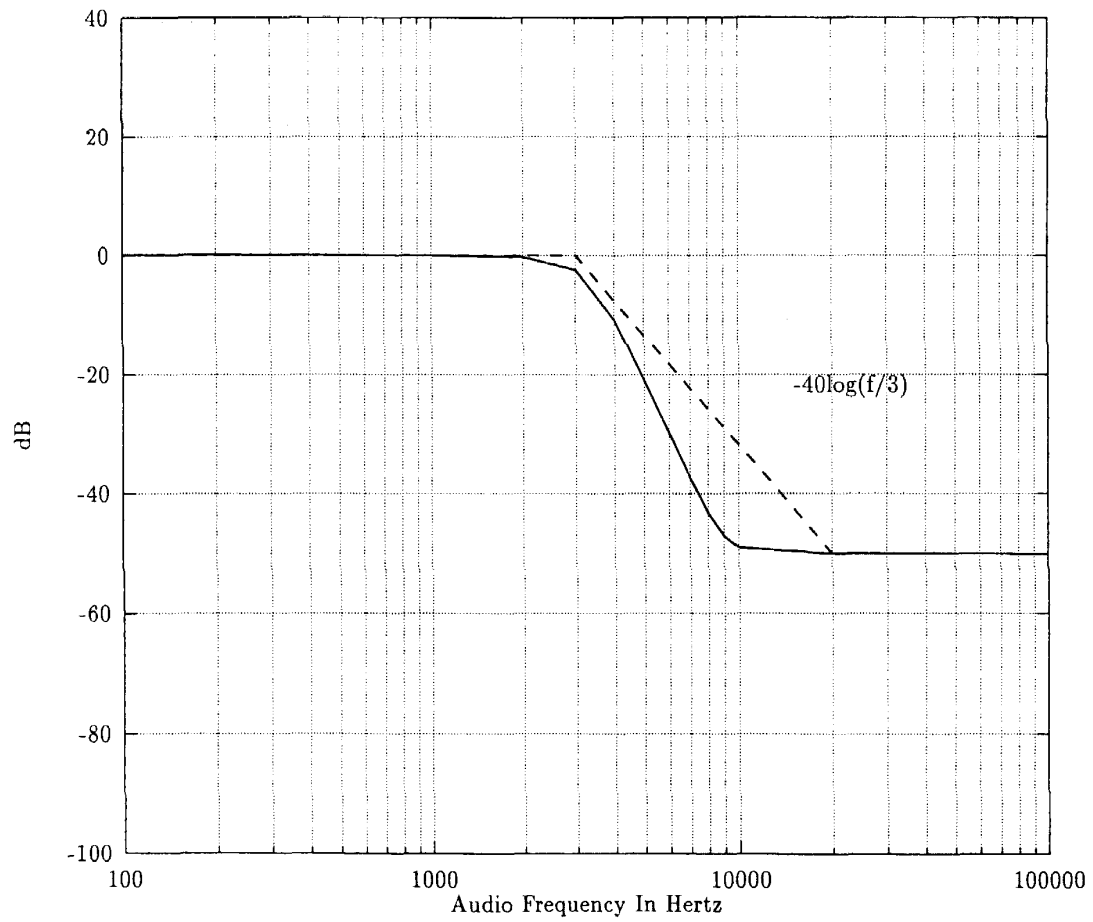
Transmit Audio Response - 12.5 kHz Channel Spacing



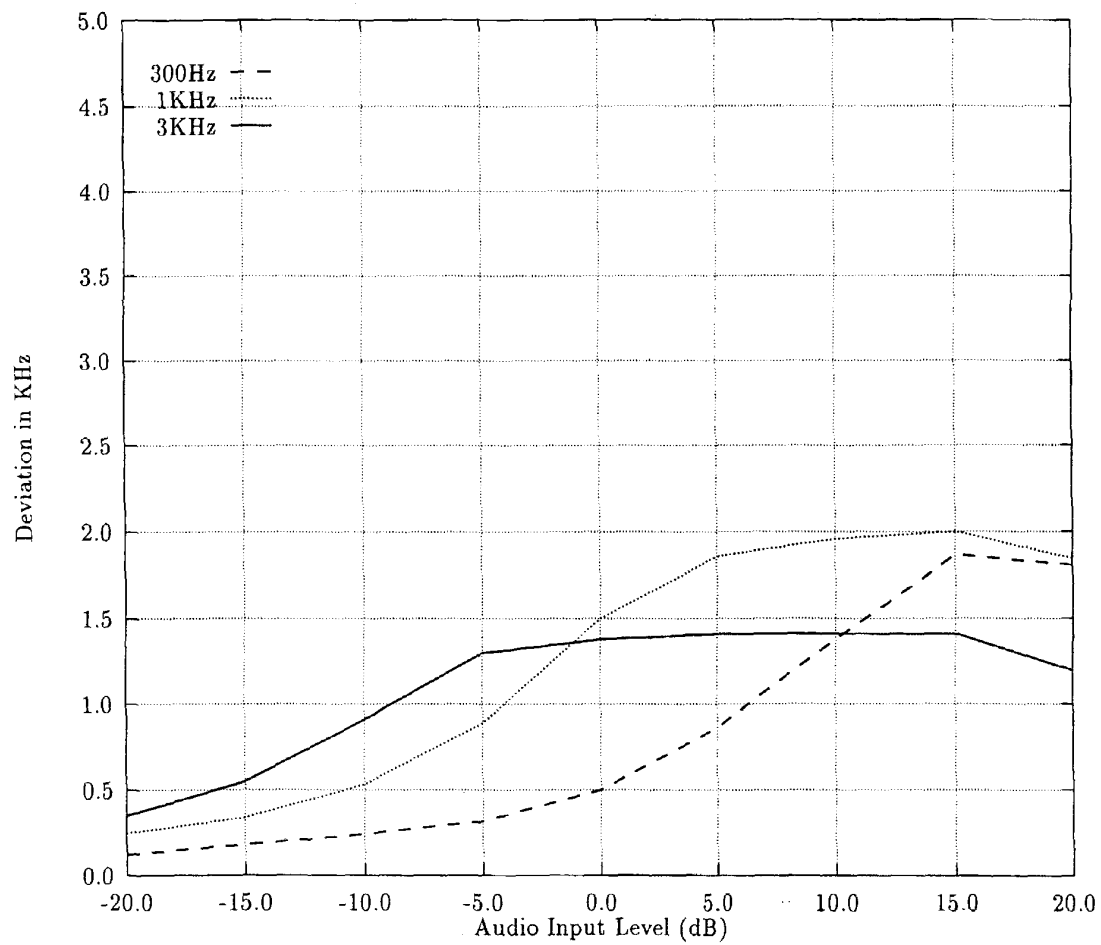
Transmit Audio Response - 25 kHz Channel Spacing



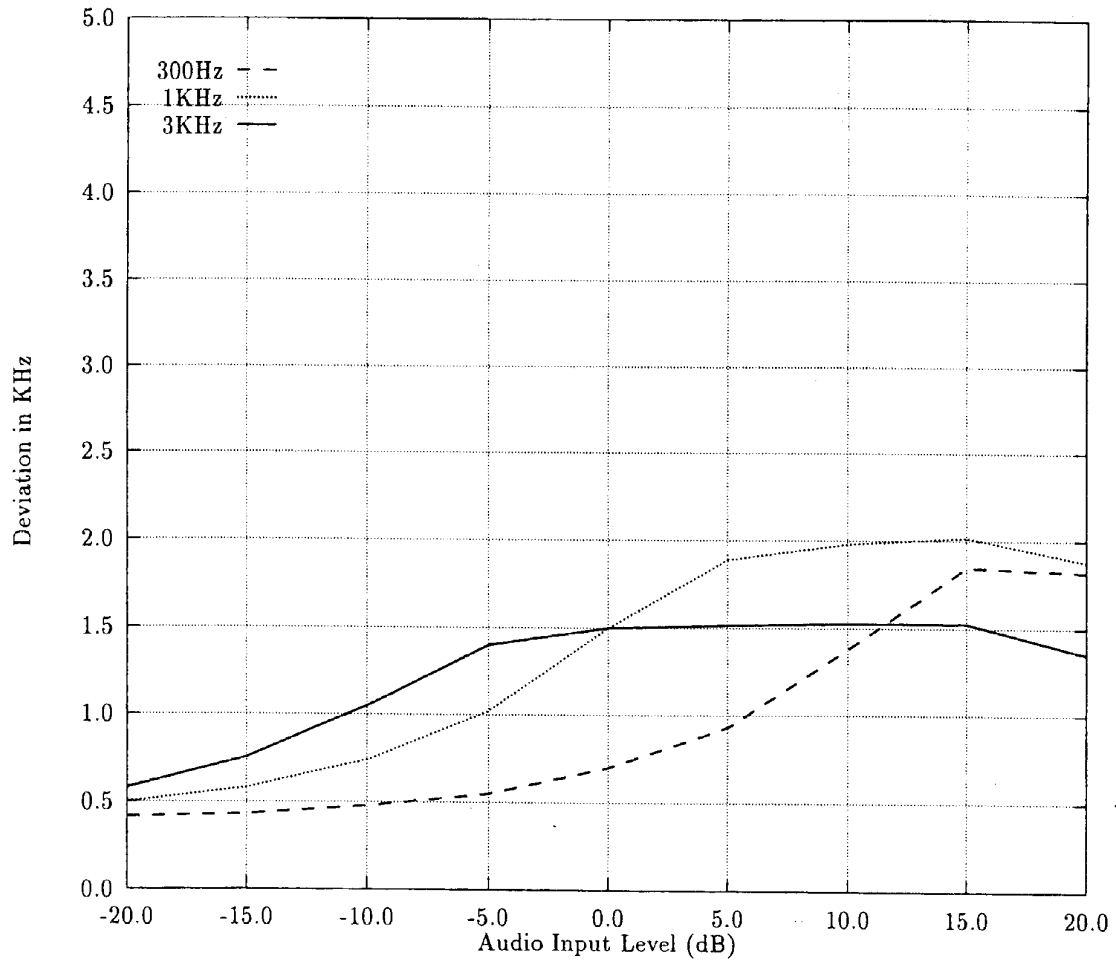
Transmit Audio Post Limiter Lowpass Filter Response - 12.5 kHz Channel Spacing



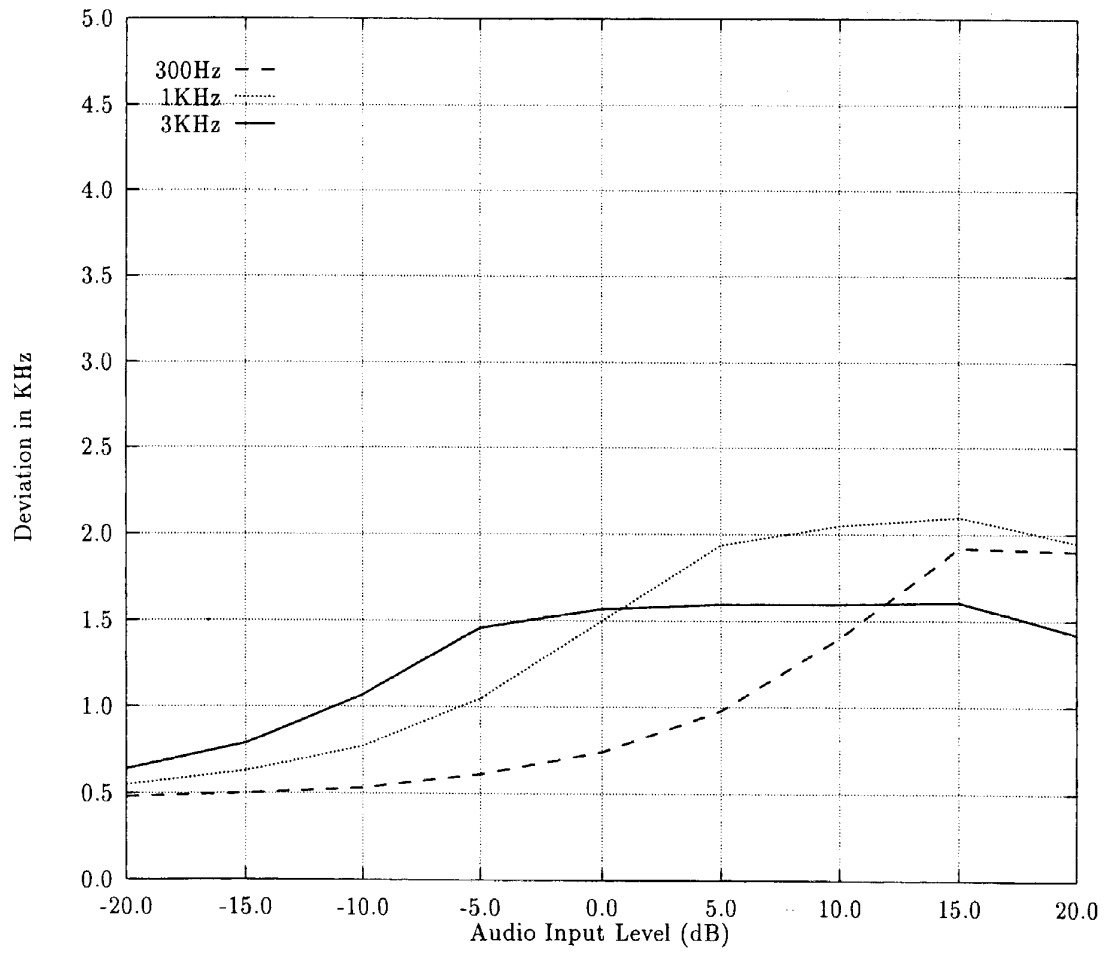
Transmit Audio Post Limiter Lowpass Filter Response- 25 kHz Channel Spacing



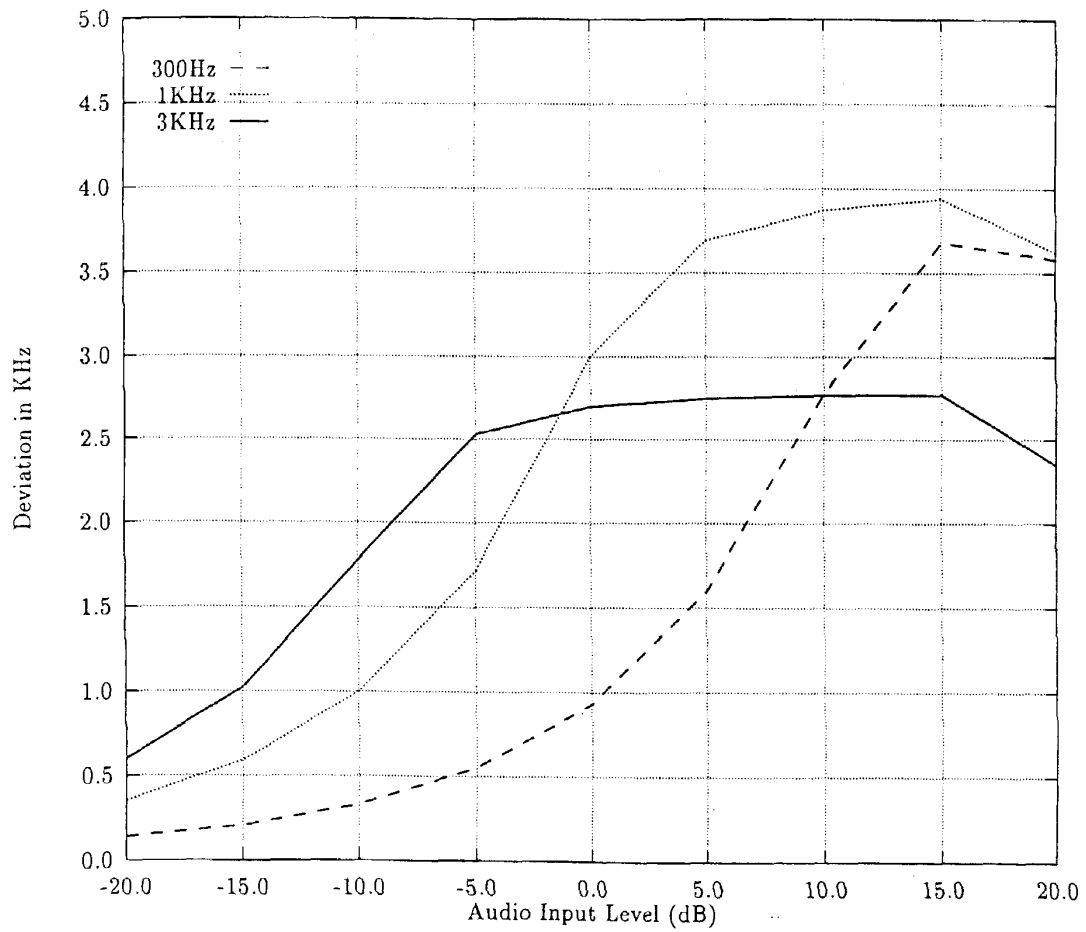
Modulation Limiting Characteristics - 12.5 kHz Channel Spacing, Carrier Squelch Mode



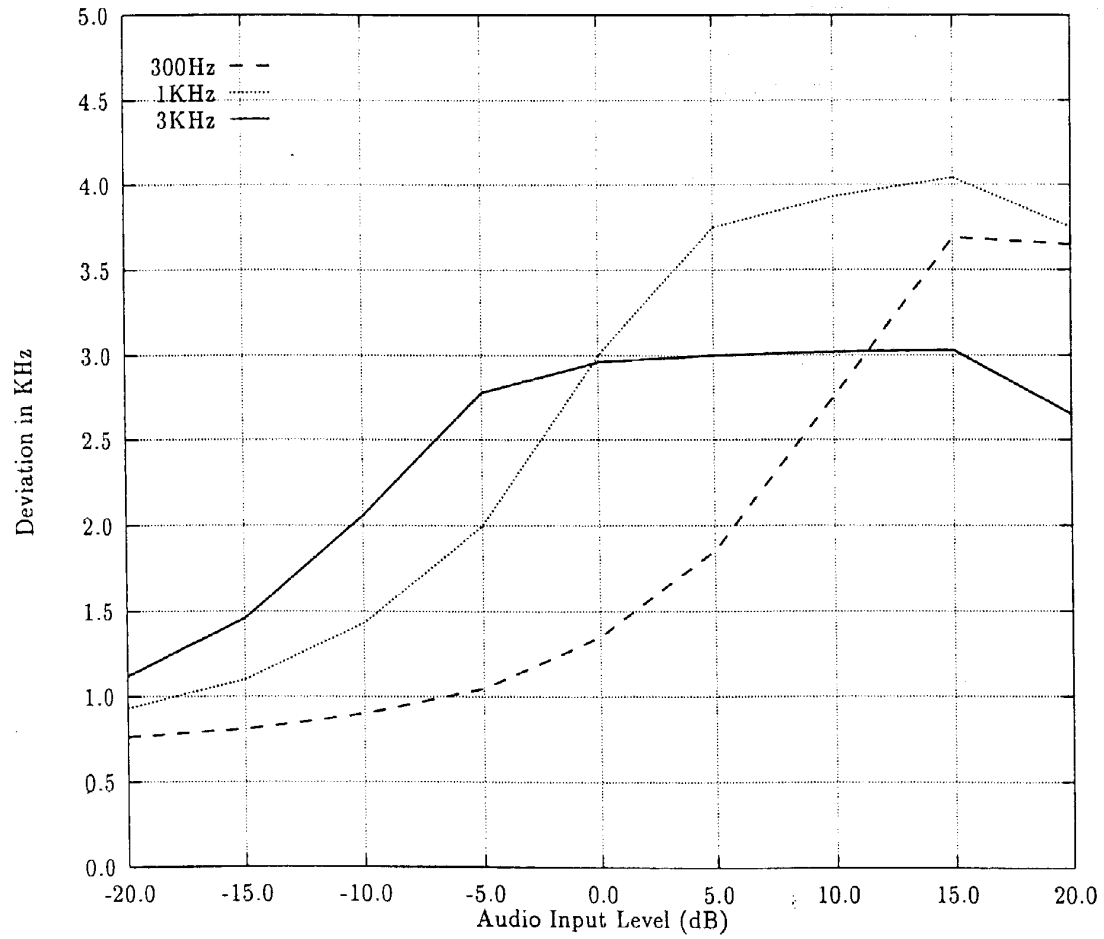
Modulation Limiting Characteristics - 12.5 kHz Channel Spacing, Tone Private Line (TPL) Mode



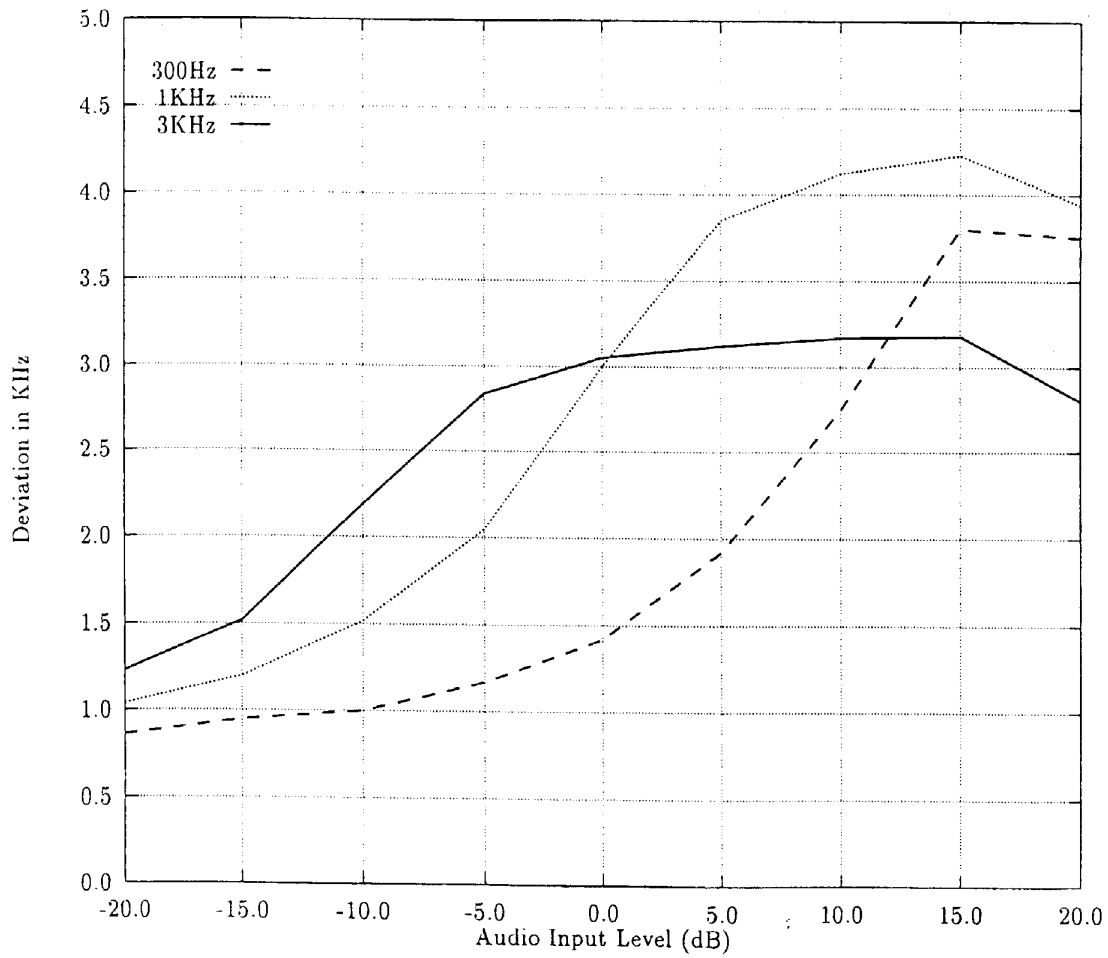
Modulation Limiting Characteristics - 12.5 kHz Channel Spacing, Digital Private Line (DPL) Mode



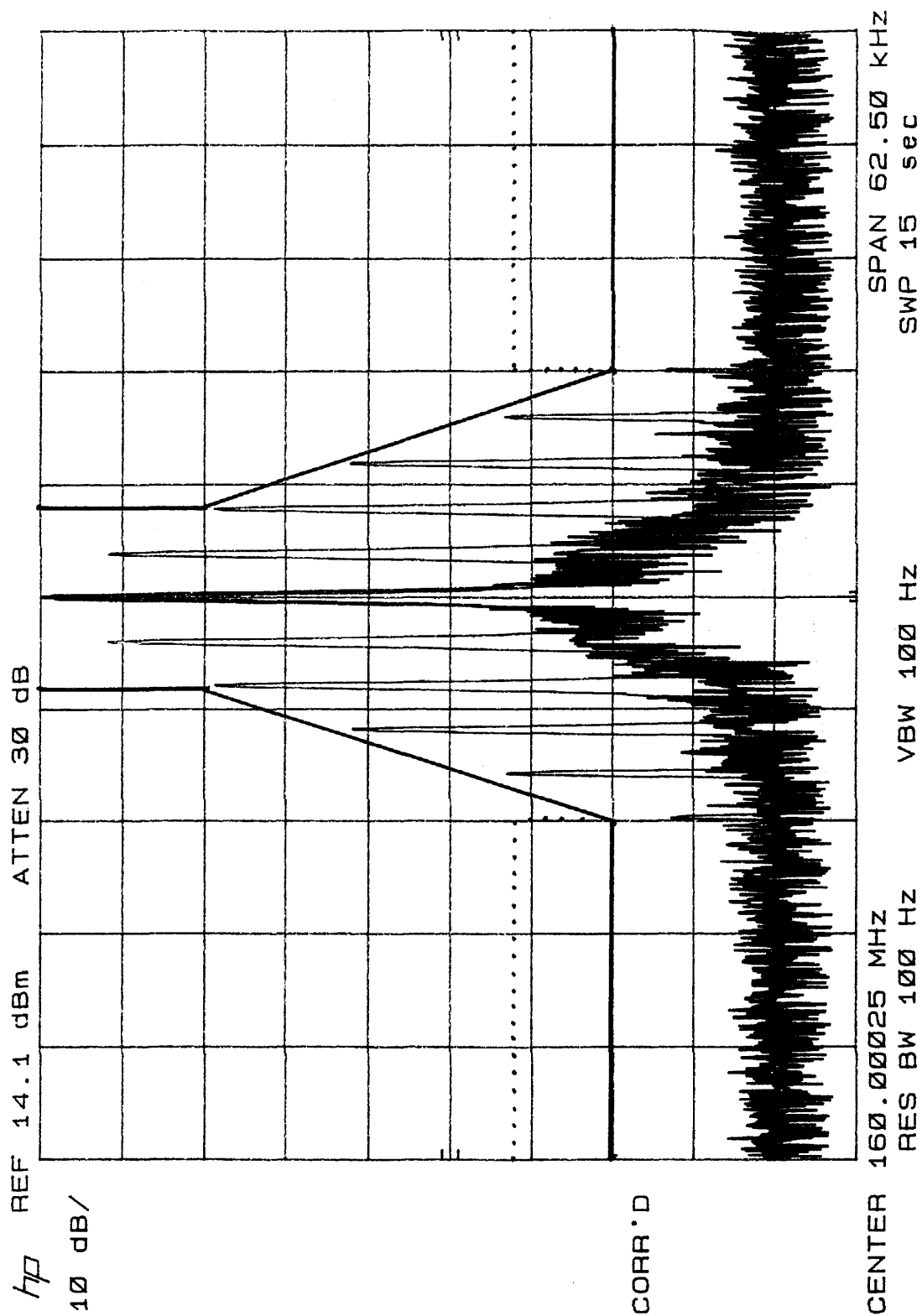
Modulation Limiting Characteristics - 25 kHz Channel Spacing, Carrier Squelch Mode



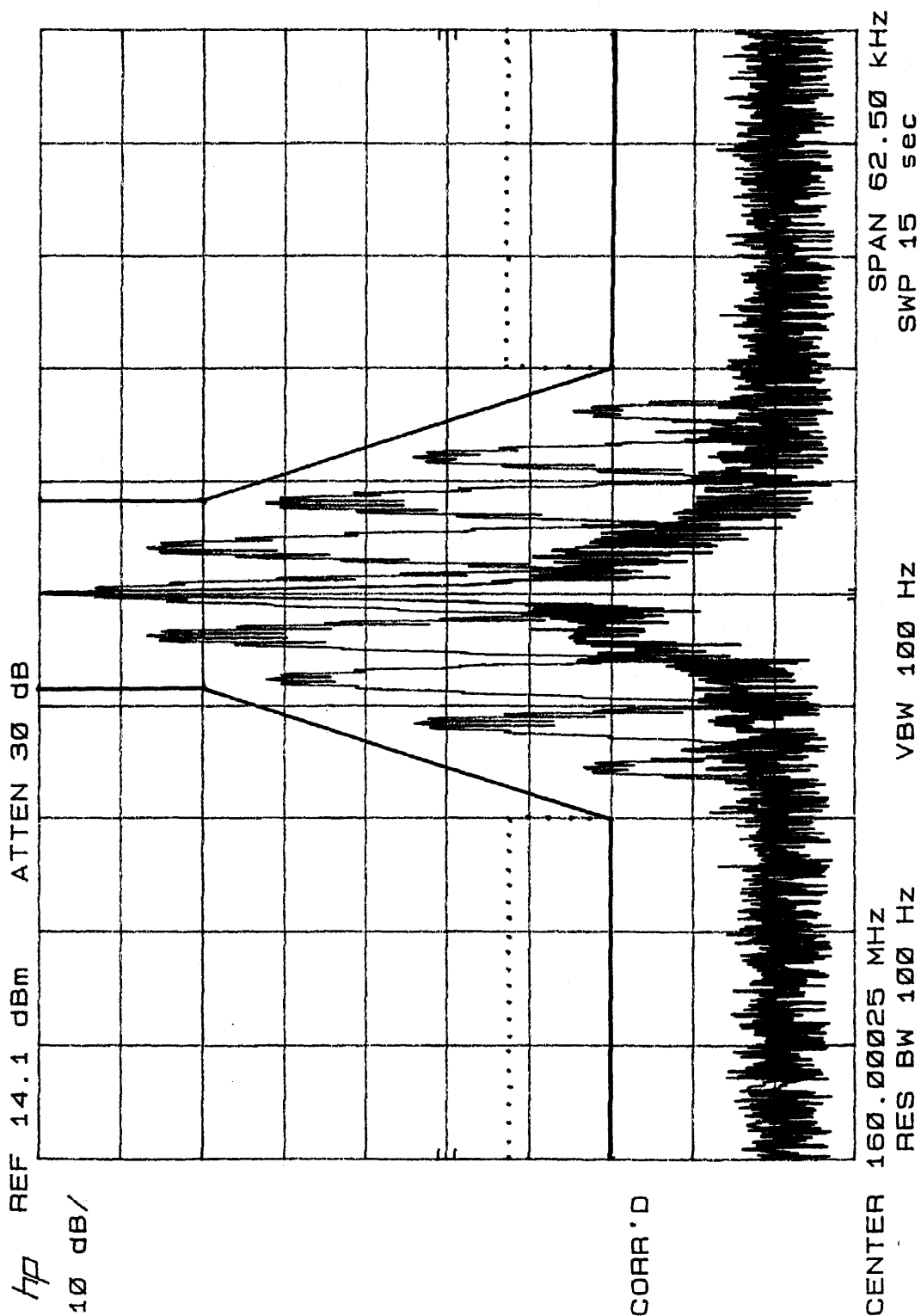
Modulation Limiting Characteristics - 25 kHz Channel Spacing, Digital Private Line (DPL) Mode



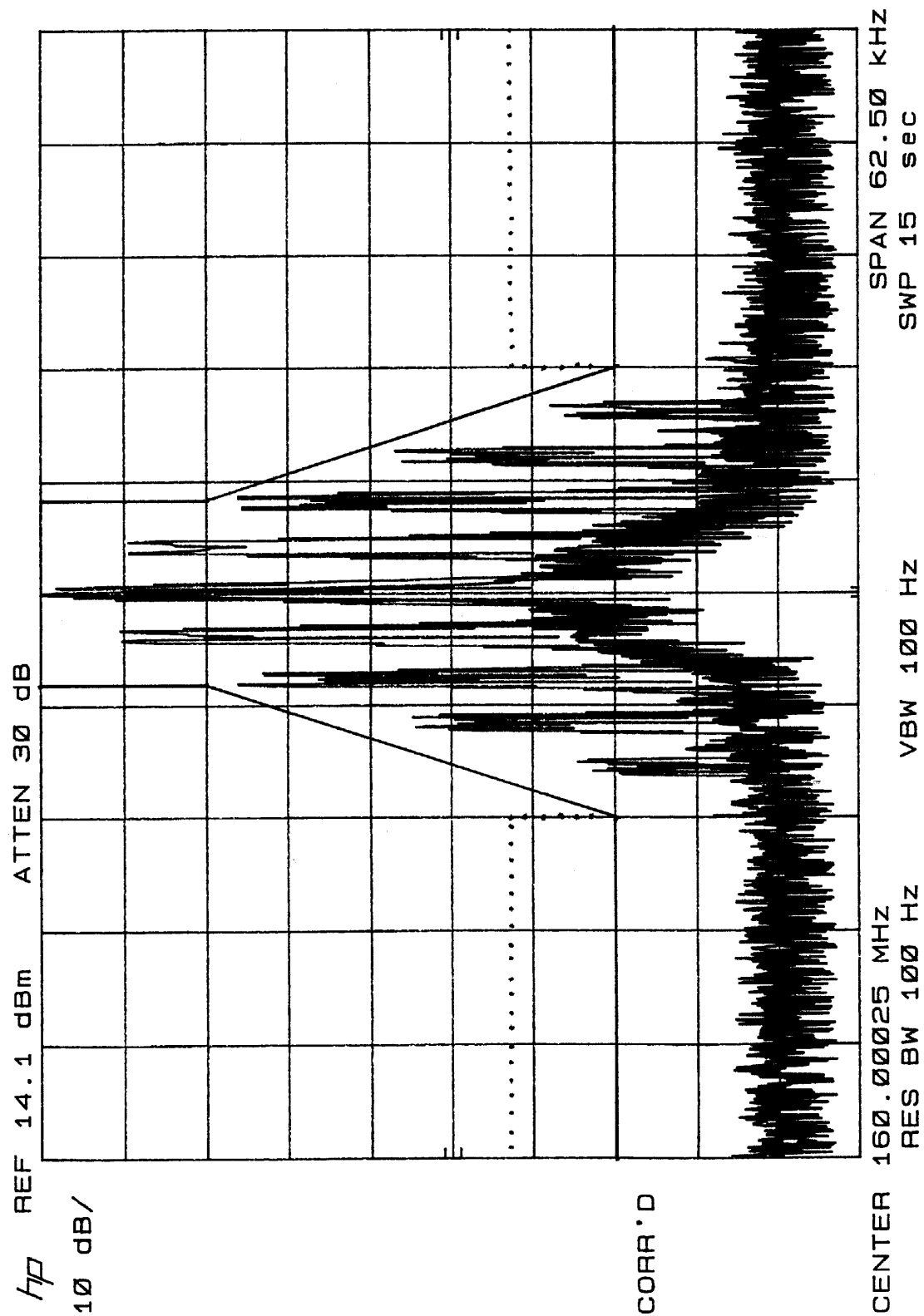
Modulation Limiting Characteristics - 25 kHz Channel Spacing, Tone Private Line (TPL) Mode



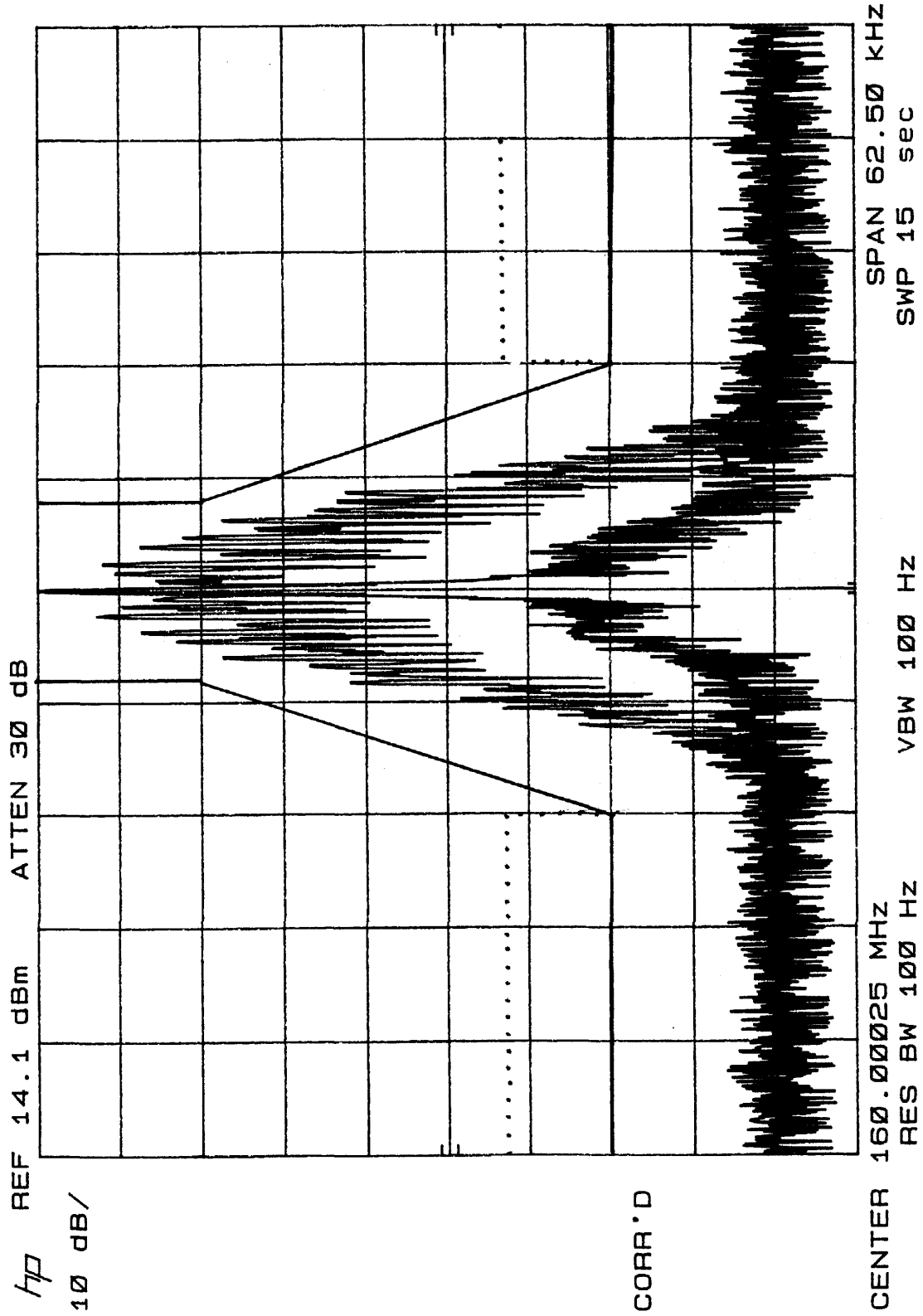
Occupied Bandwidth - 12.5 kHz 2500 Hz Audio Modulation Only



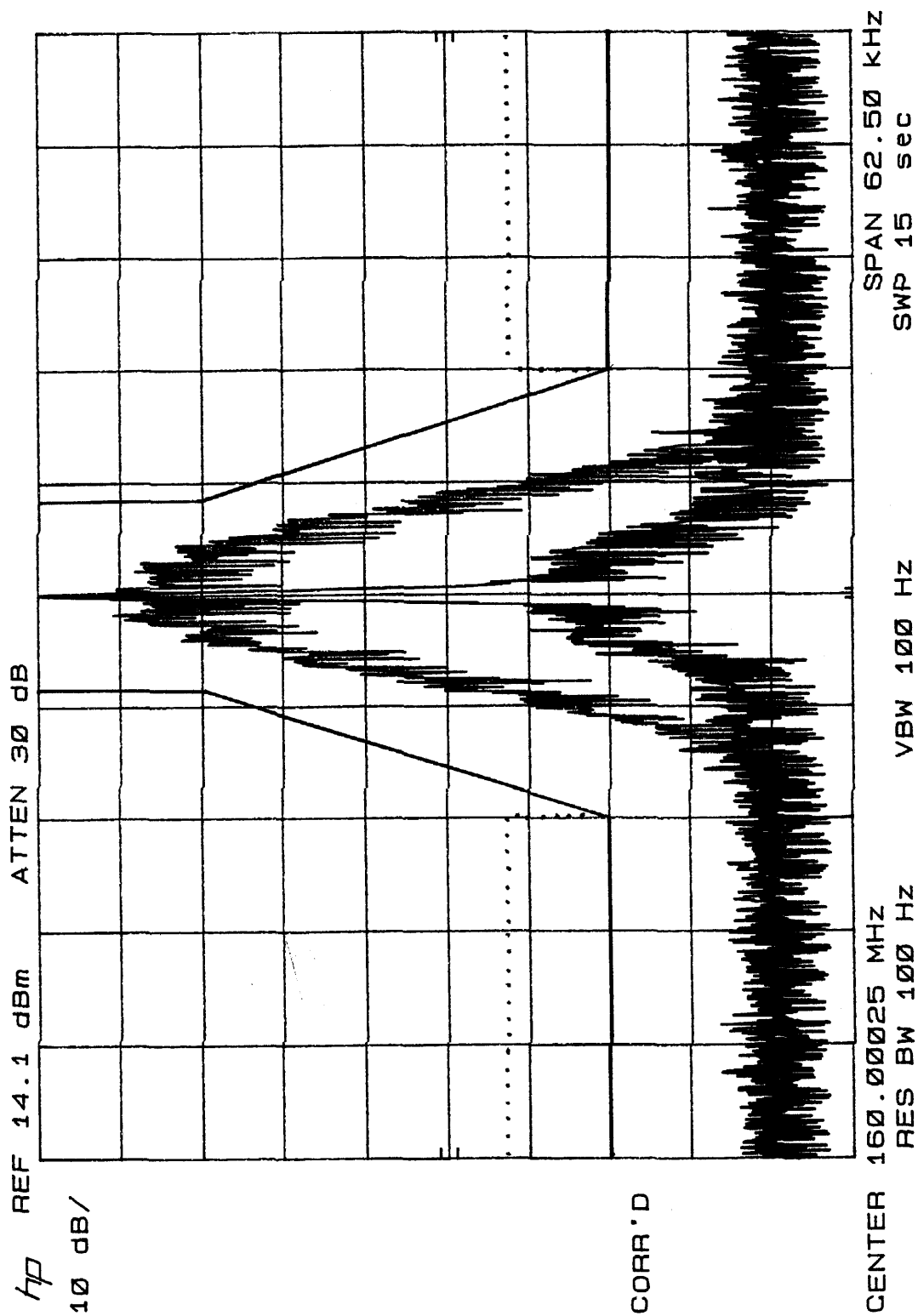
Occupied Bandwidth - 12.5 kHz 2500 Hz Audio and TPL Tone Modulation



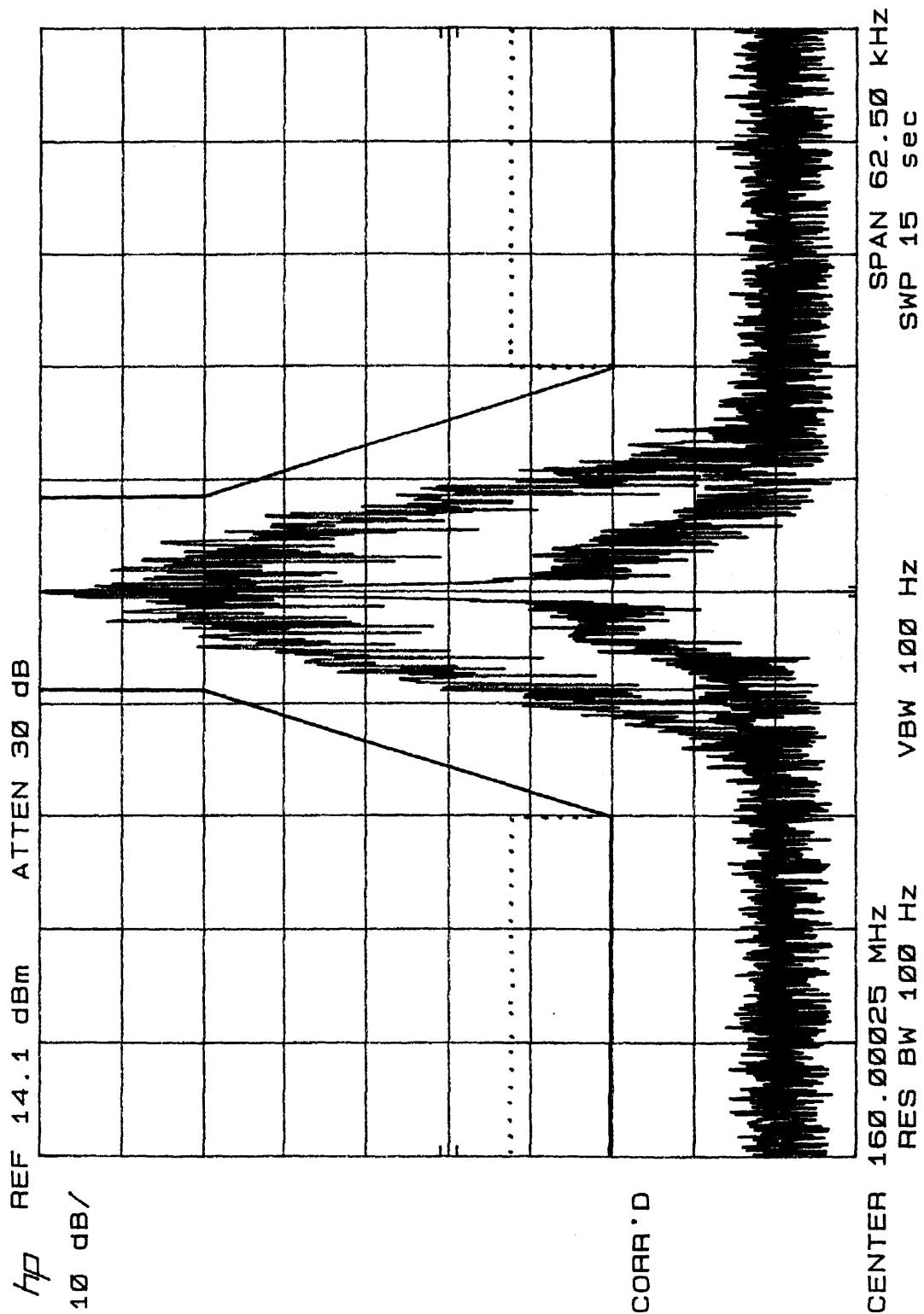
Occupied Bandwidth - 12.5 kHz 2500 Hz Audio and DPL Modulation



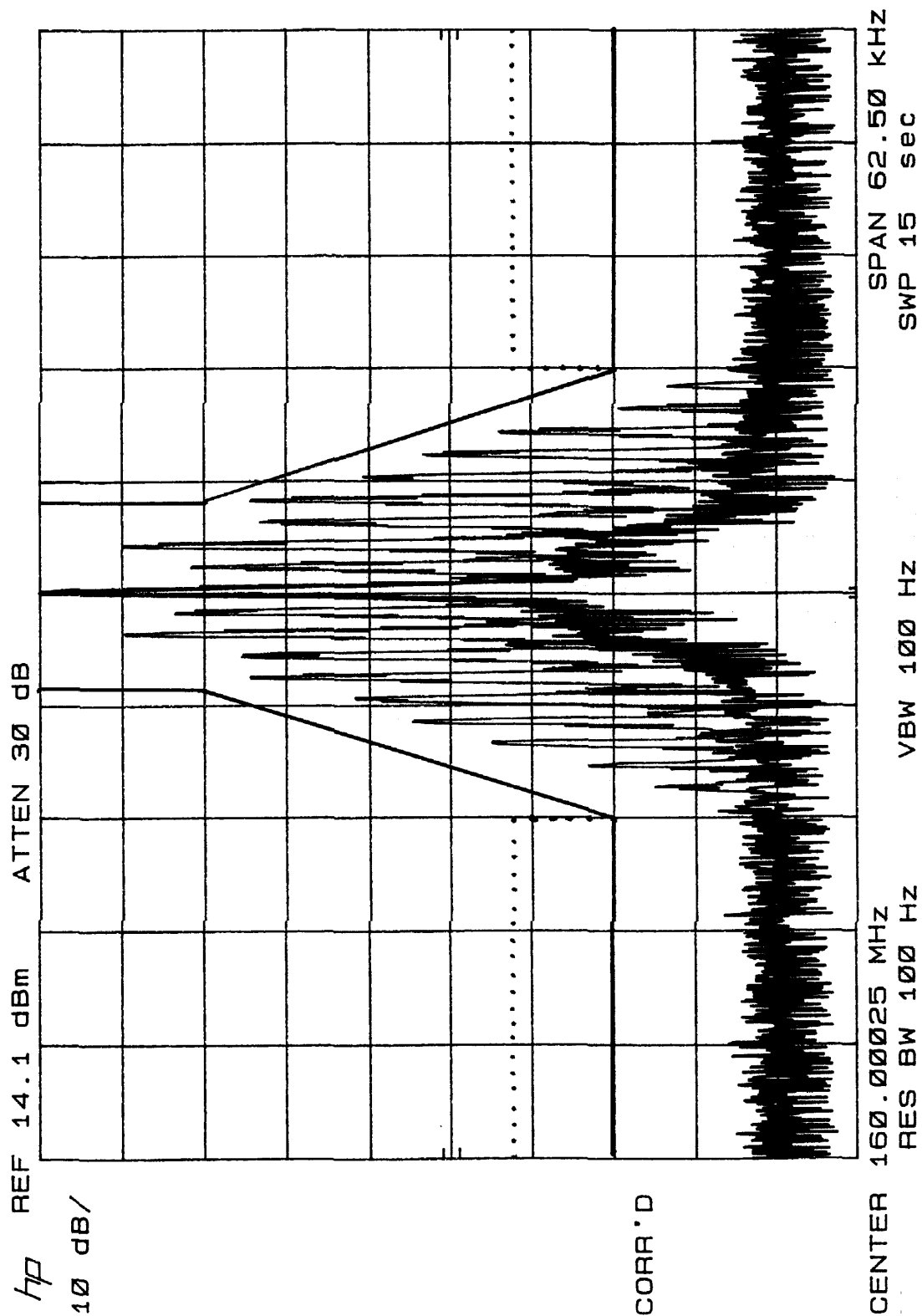
Occupied Bandwidth - 12.5 kHz DTMF Modulation Only



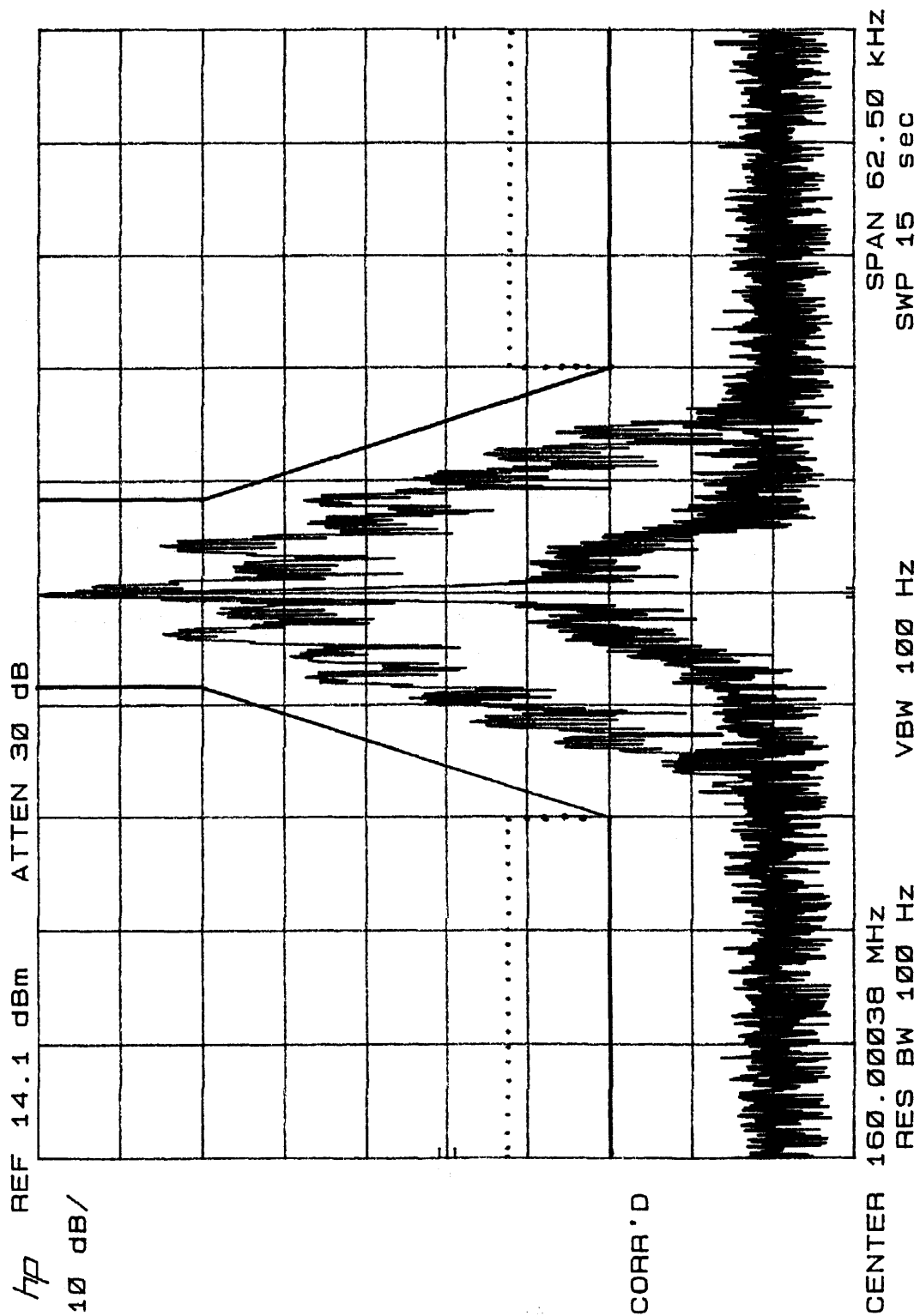
Occupied Bandwidth - 12.5 kHz DTMF Modulation and TPL Tone Modulation



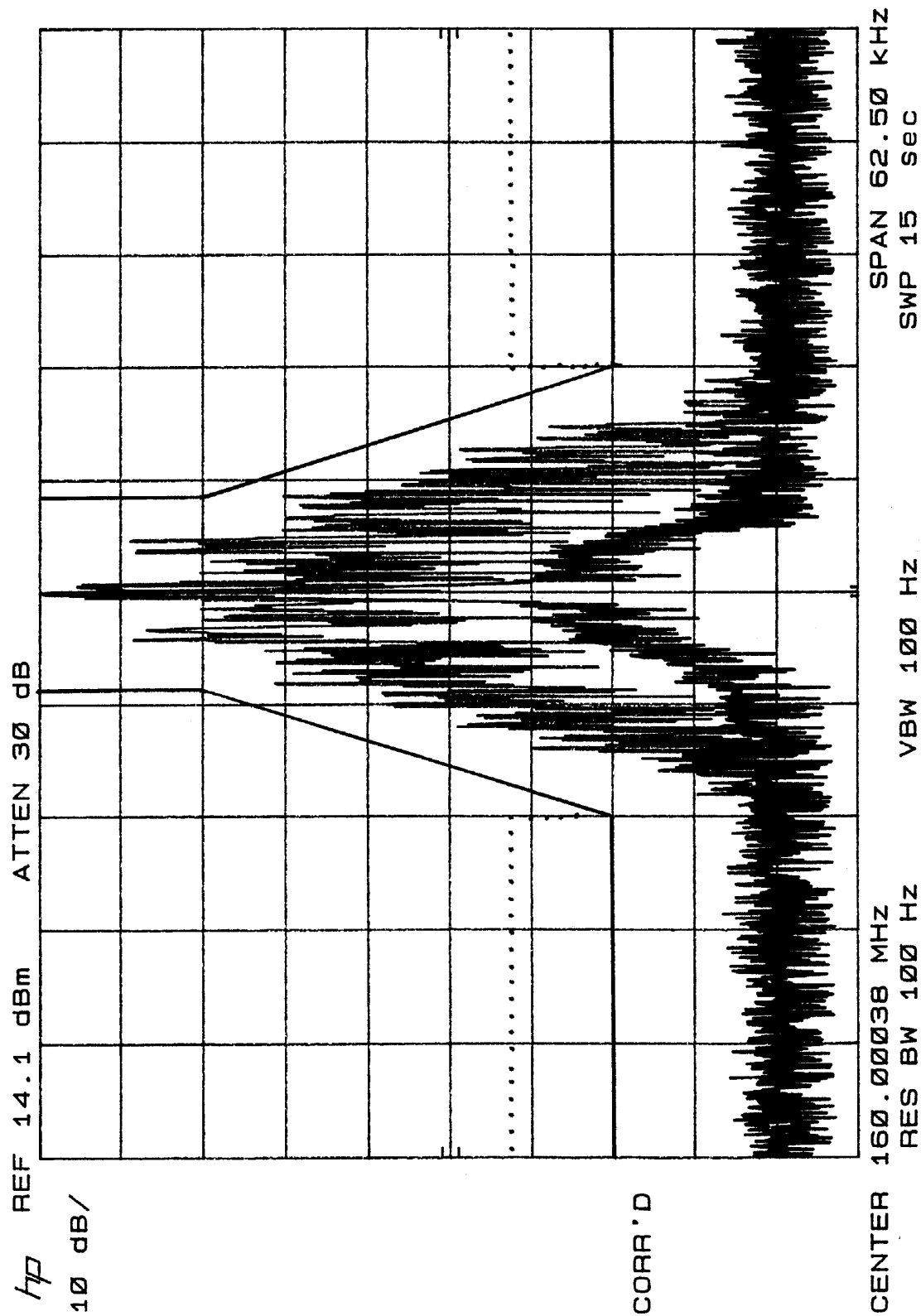
Occupied Bandwidth - 12.5 kHz DTMF Modulation and DPL Modulation



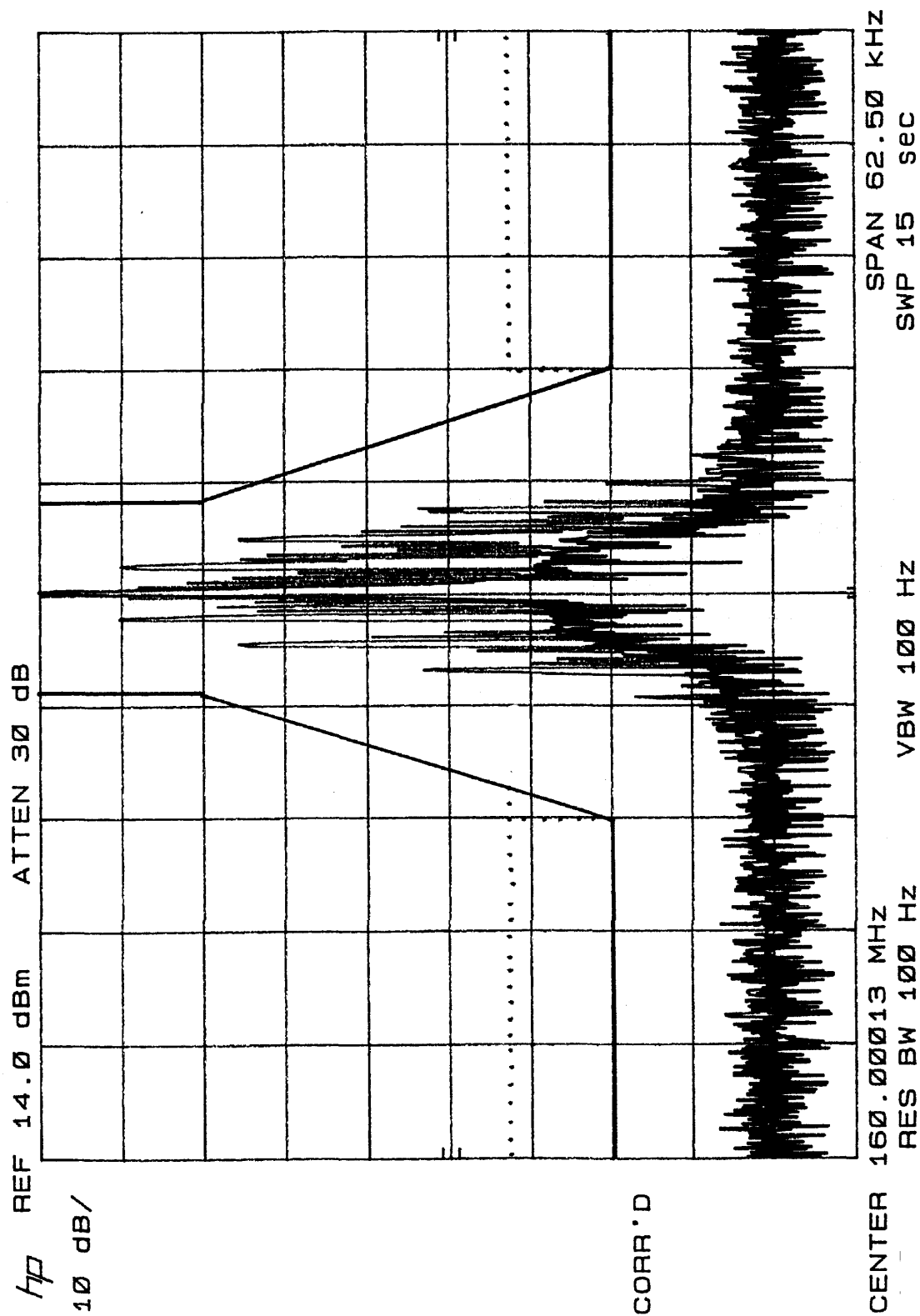
Occupied Bandwidth - 12.5 kHz 2000/3000 Hz FSK Data Modulation Only



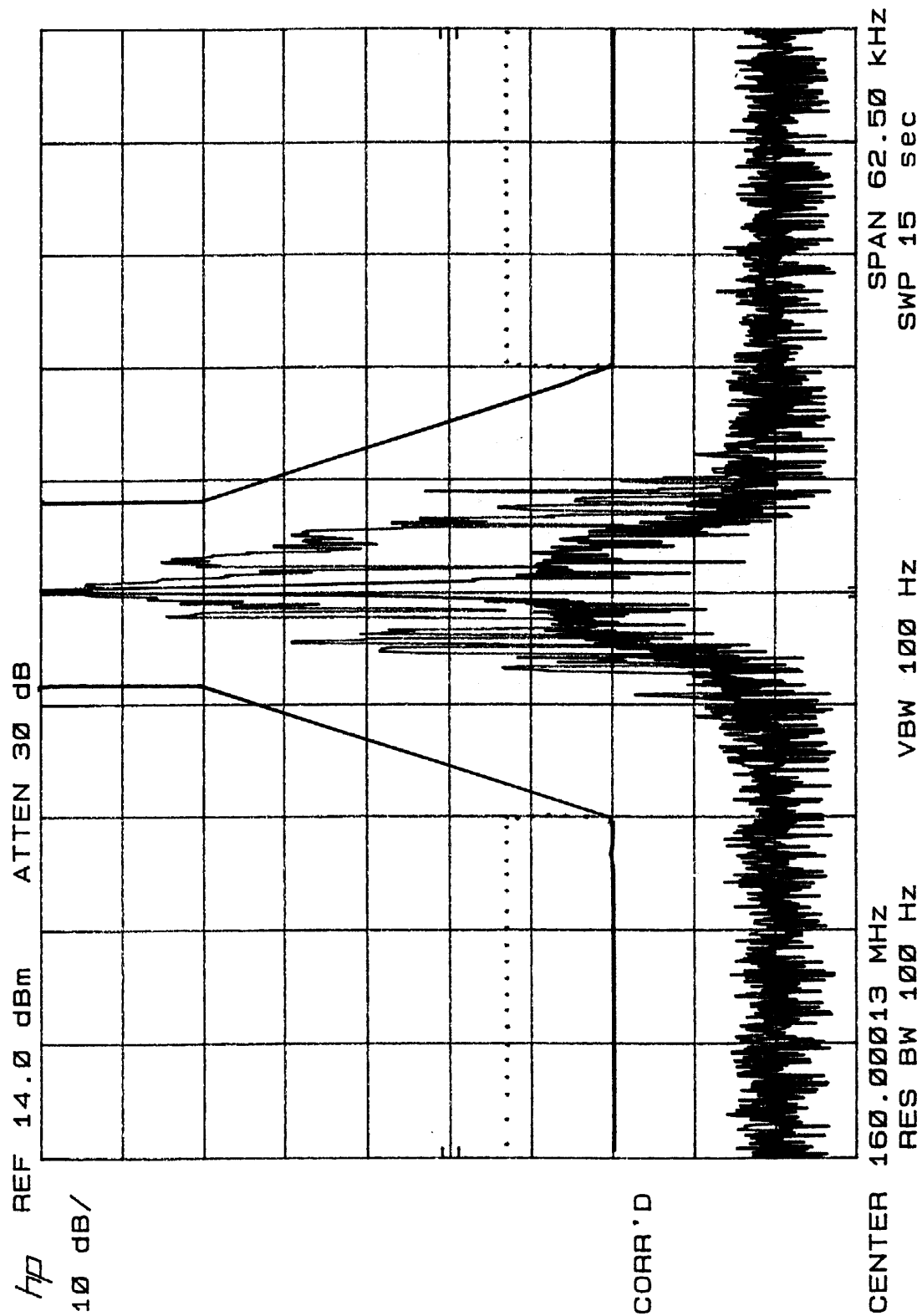
Occupied Bandwidth - 12.5 kHz 2000/3000 Hz FSK Data and TPL Tone Modulation



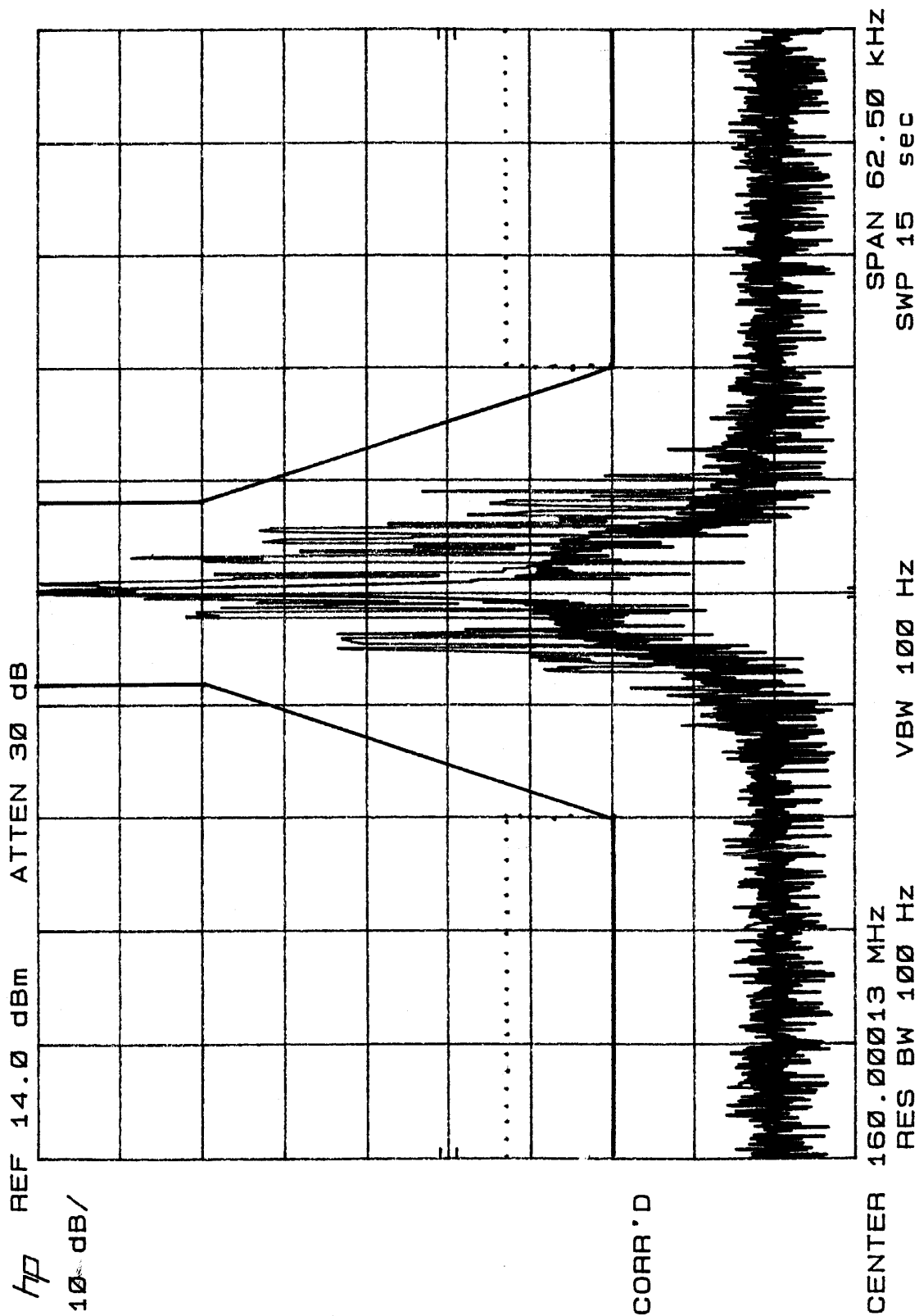
Occupied Bandwidth - 12.5 kHz 2000/3000 Hz FSK Data and DPL Modulation



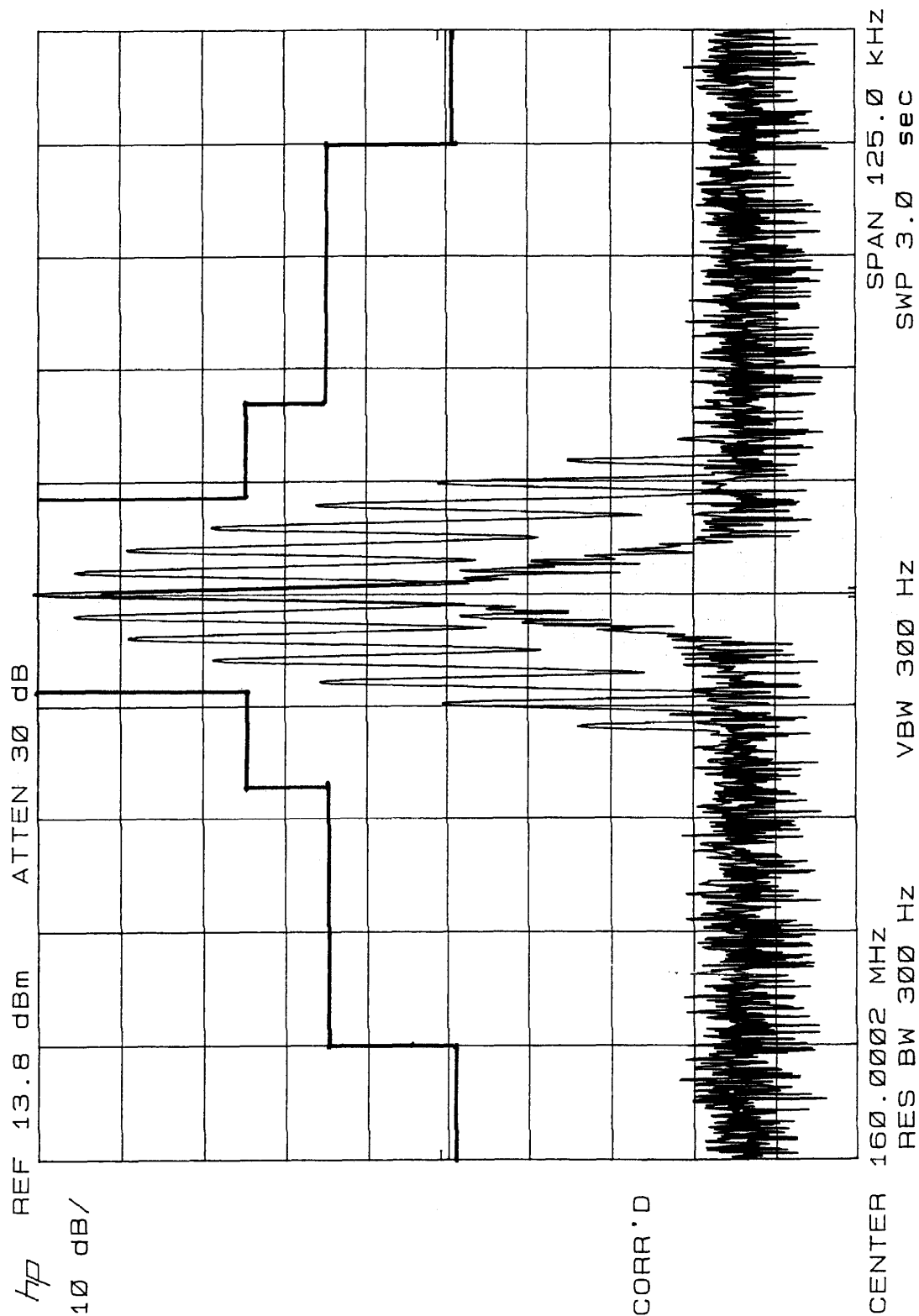
Occupied Bandwidth - 12.5 kHz CWID Modulation



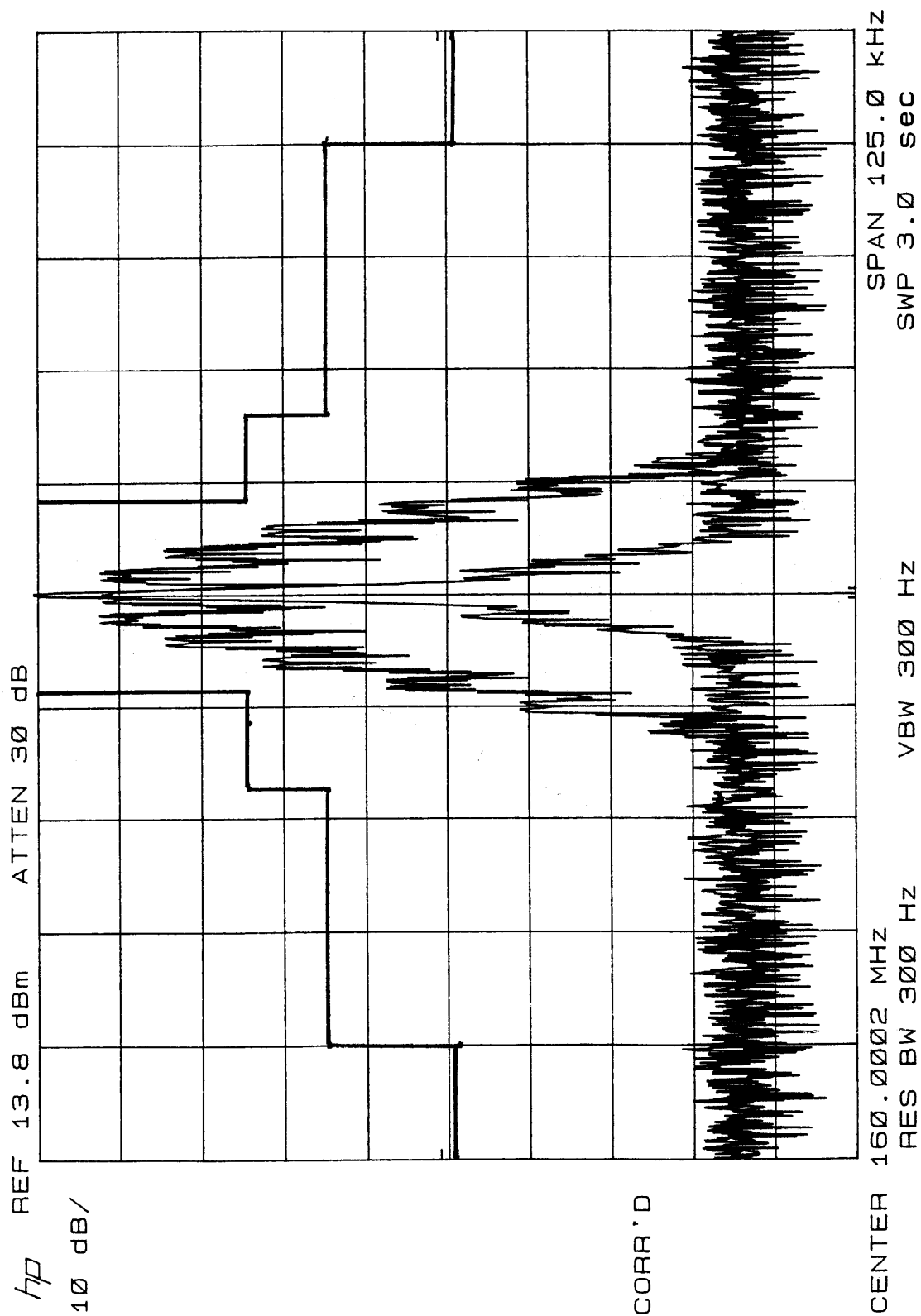
Occupied Bandwidth - 12.5 kHz CWID Modulation and TPL Tone Modulation



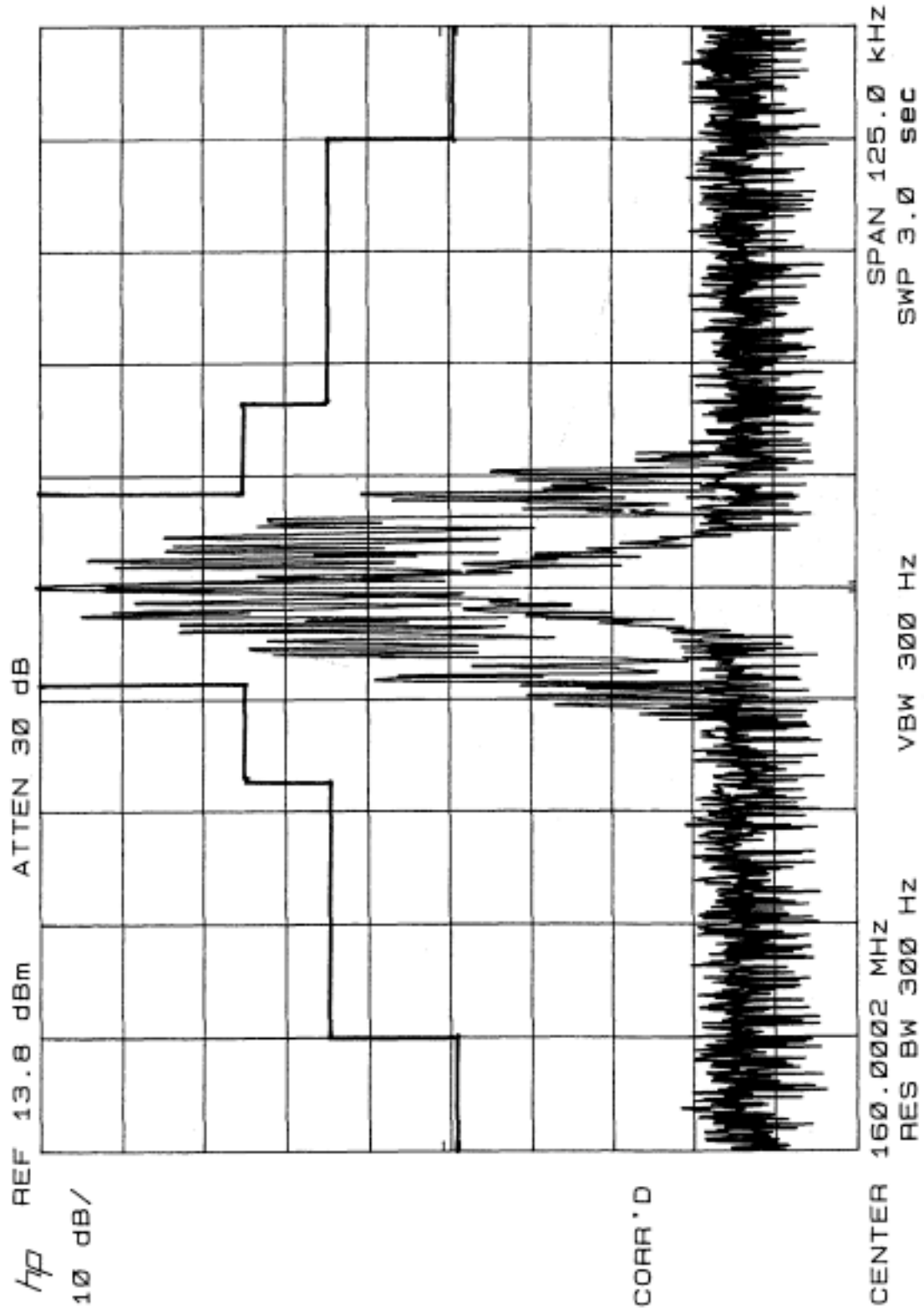
Occupied Bandwidth - 12.5 kHz CWID Modulation and DPL Modulation



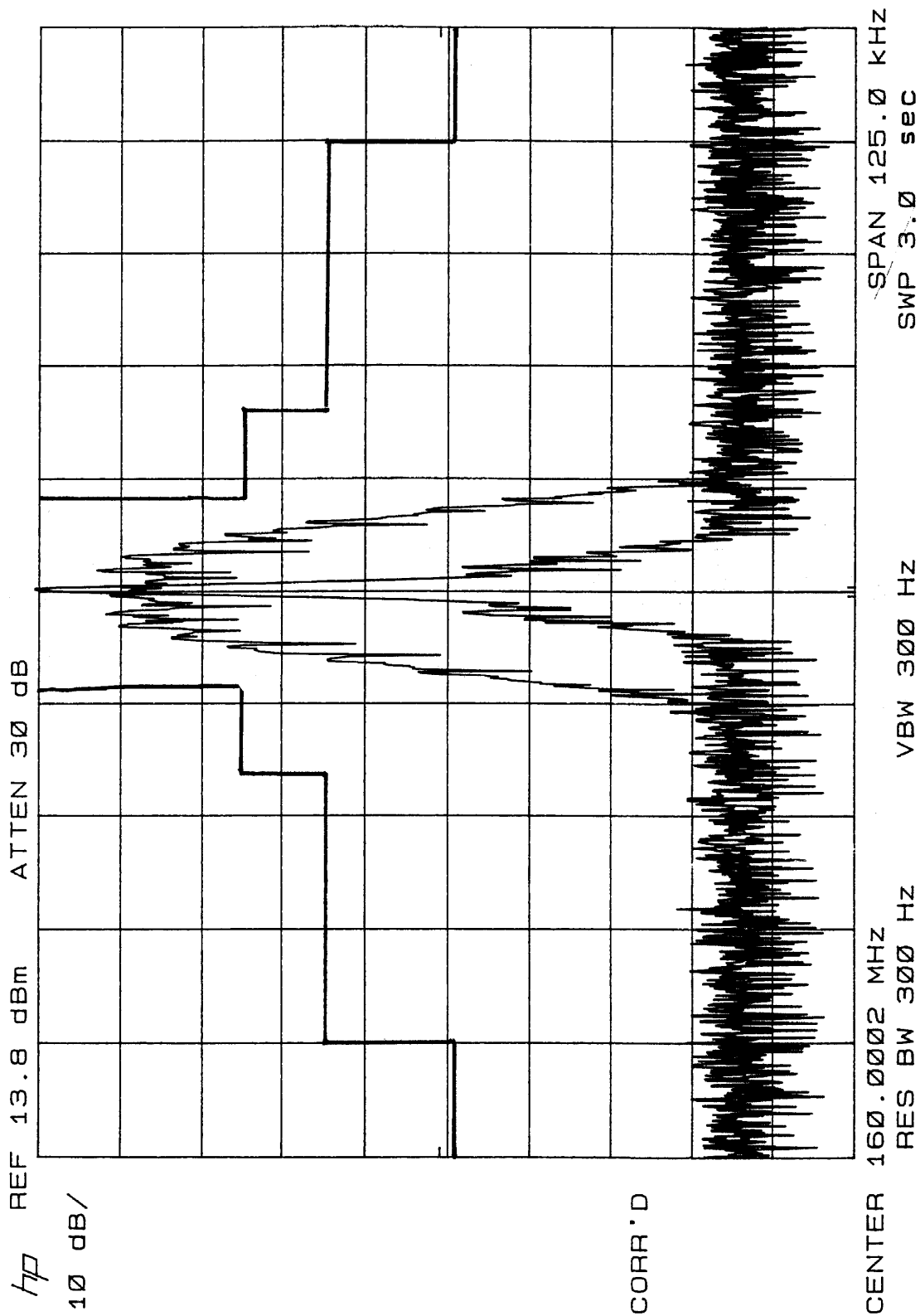
Occupied Bandwidth - 25 kHz 2500 Hz Audio Modulation Only



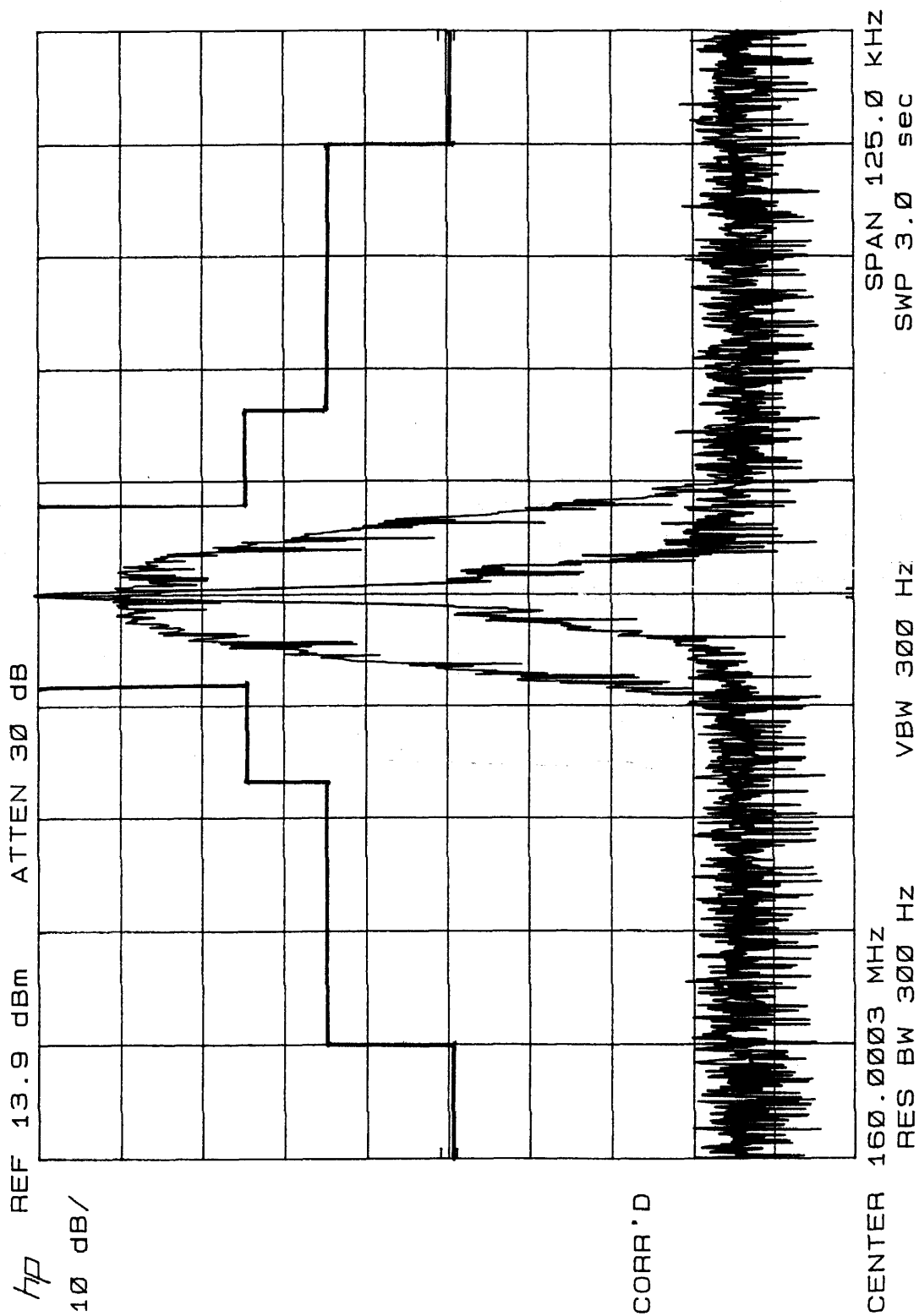
Occupied Bandwidth - 25 kHz 2500 Hz Audio and TPL Tone Modulation



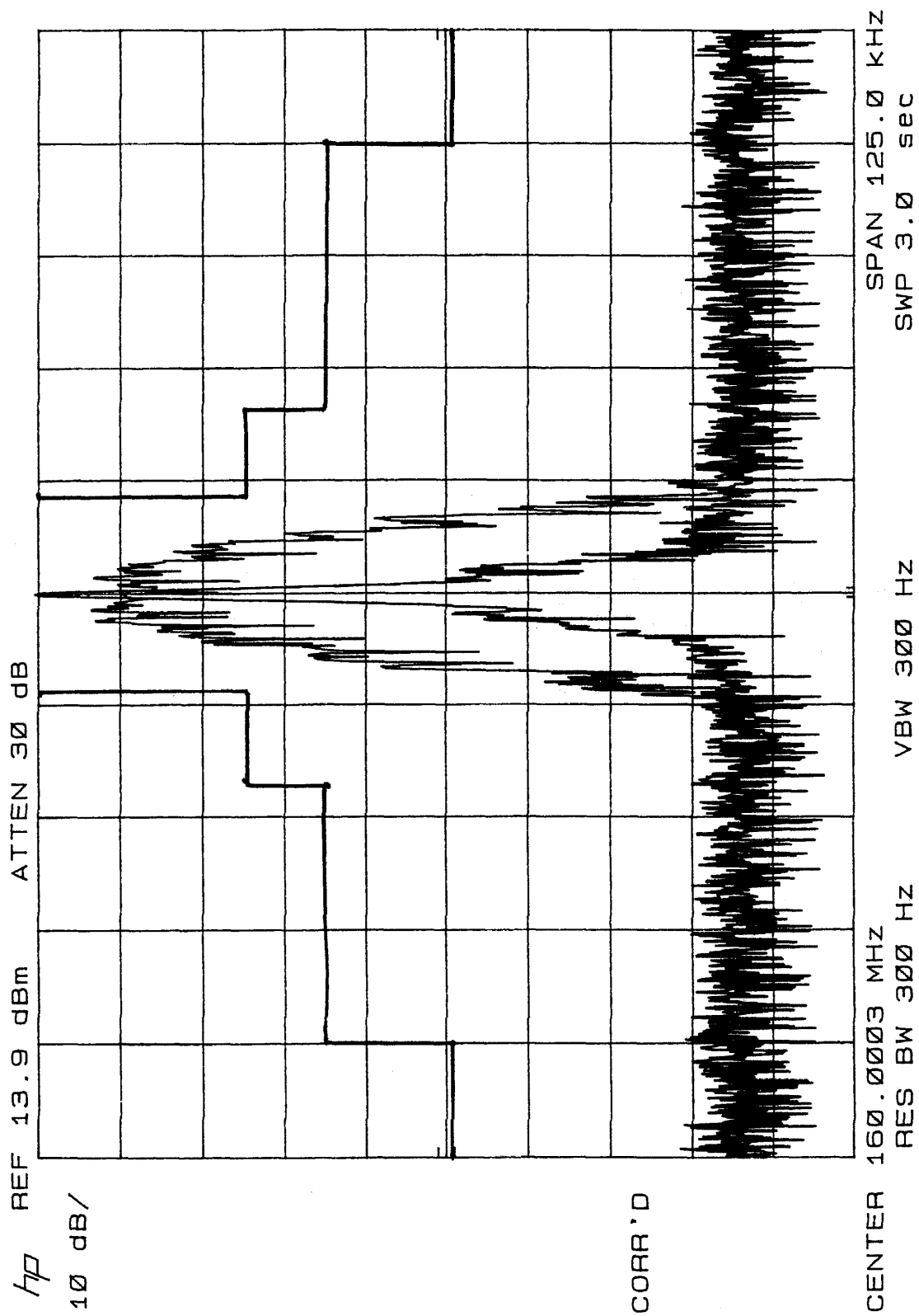
Occupied Bandwidth - 25 kHz 2500 Hz Audio and DPL Modulation



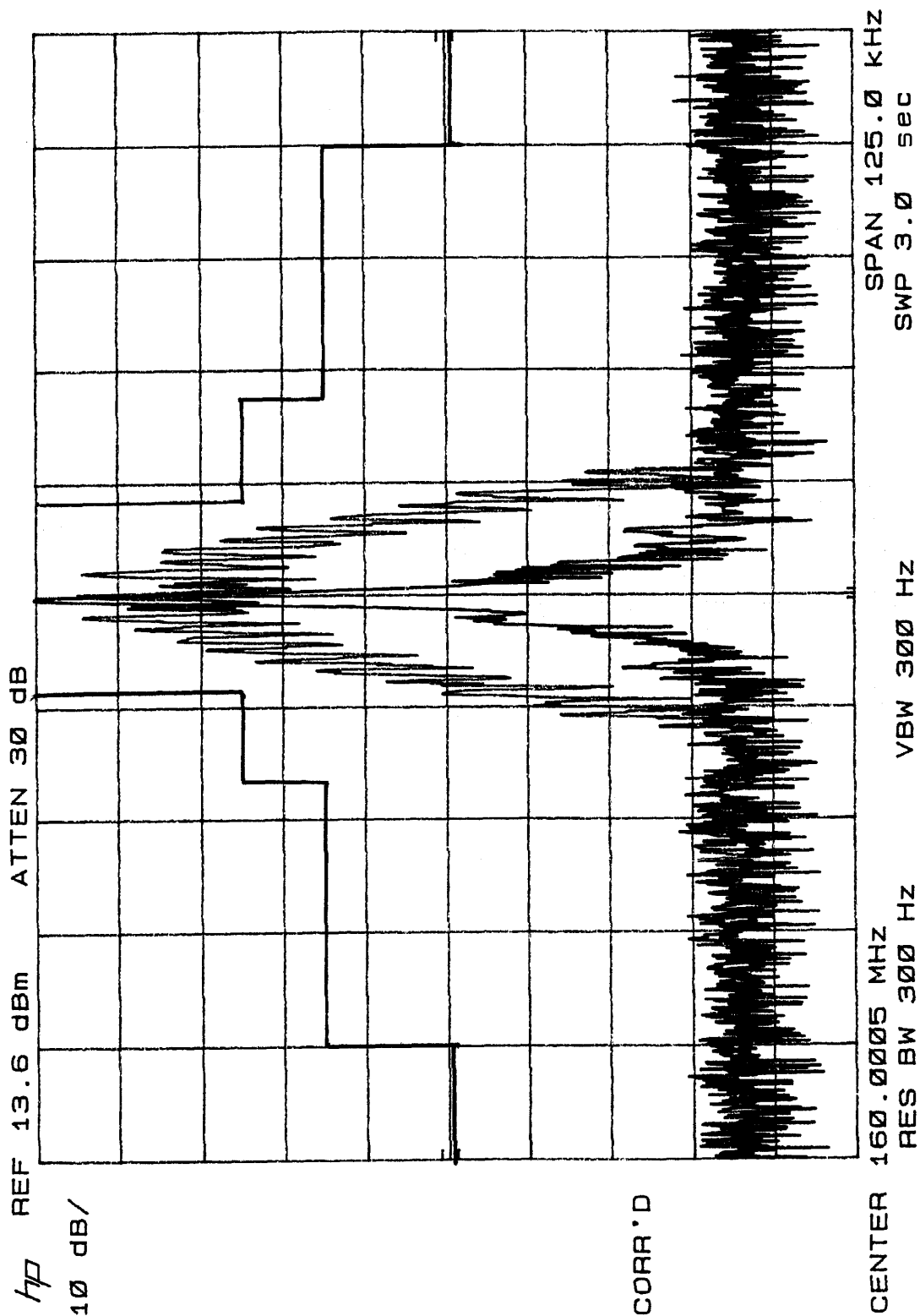
Occupied Bandwidth - 25 kHz DTMF Modulation Only



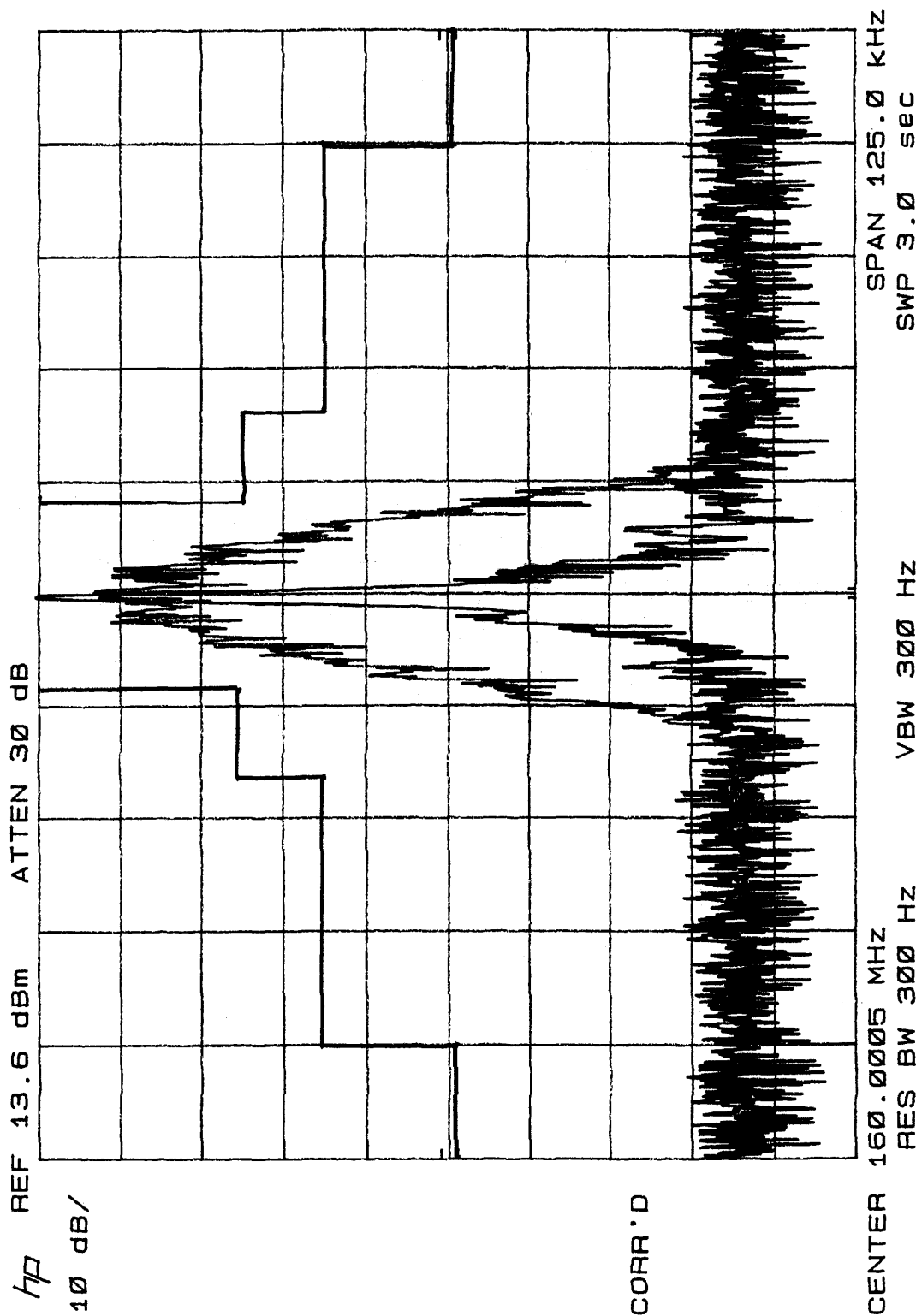
Occupied Bandwidth - 25 kHz DTMF Modulation and TPL Tone Modulation



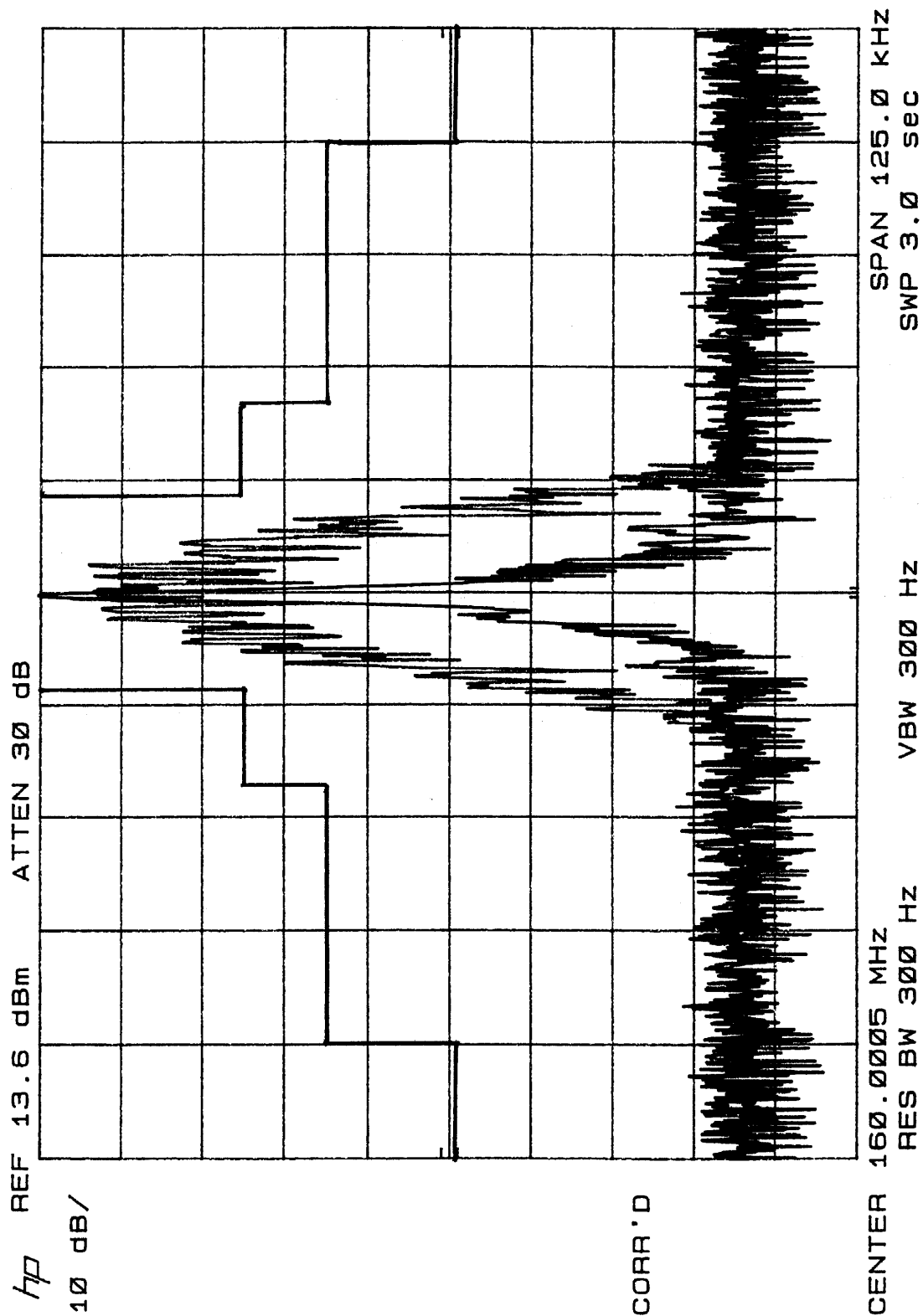
Occupied Bandwidth - 25 kHz DTMF Modulation and DPL Modulation



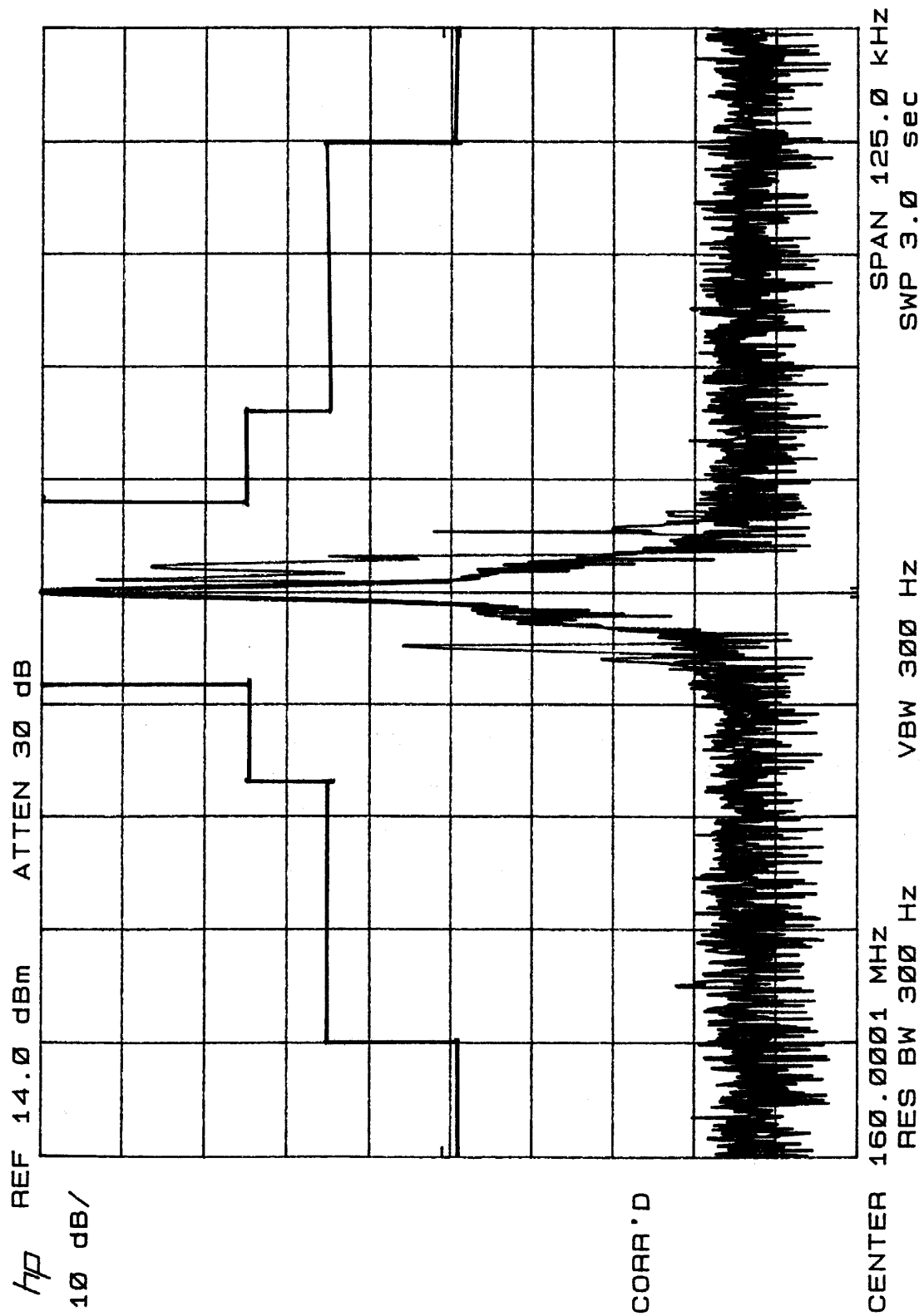
Occupied Bandwidth - 25 kHz 2000/3000 Hz FSK Data Modulation Only



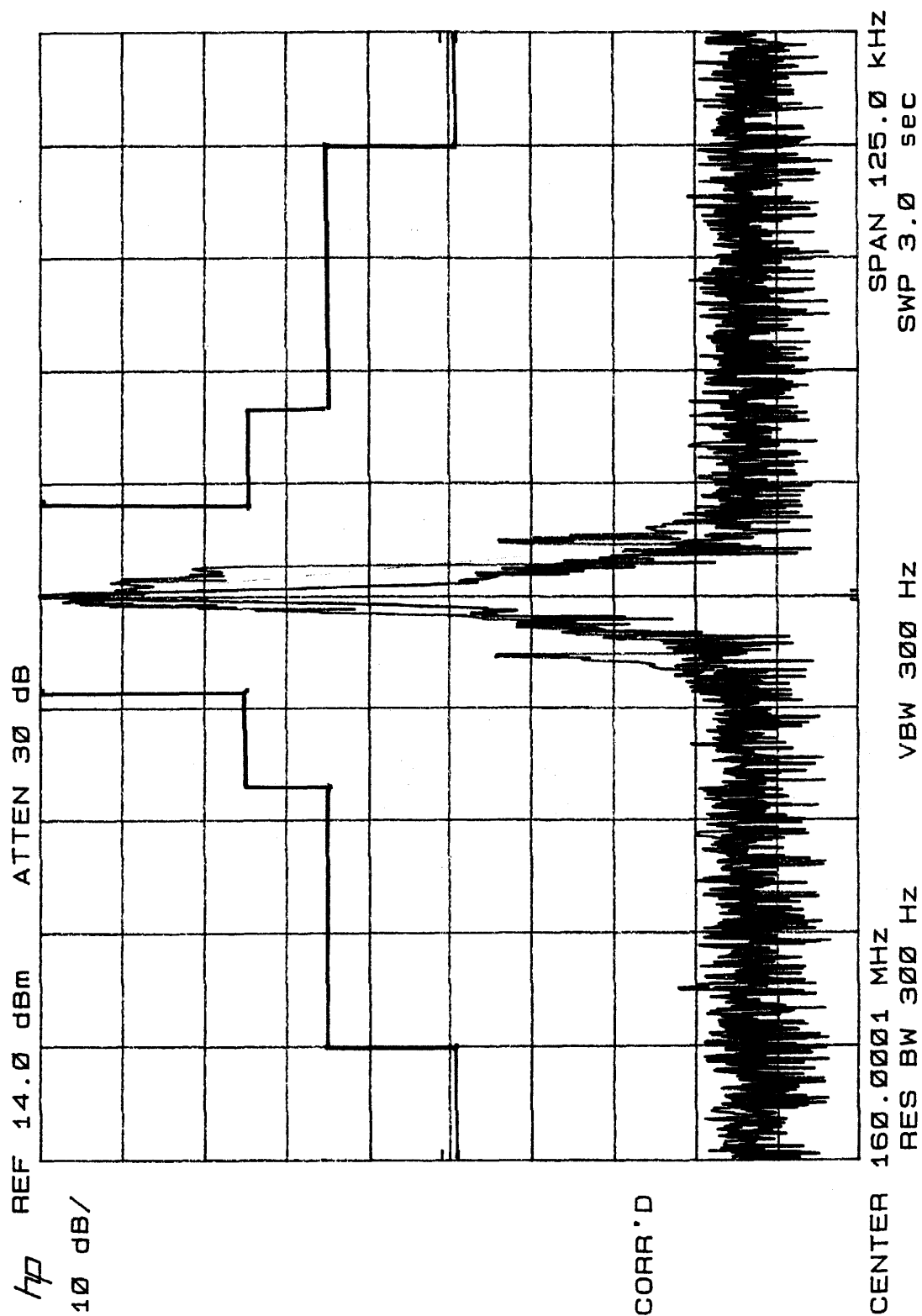
Occupied Bandwidth - 25 kHz 2000/3000 Hz FSK Data and TPL Tone Modulation



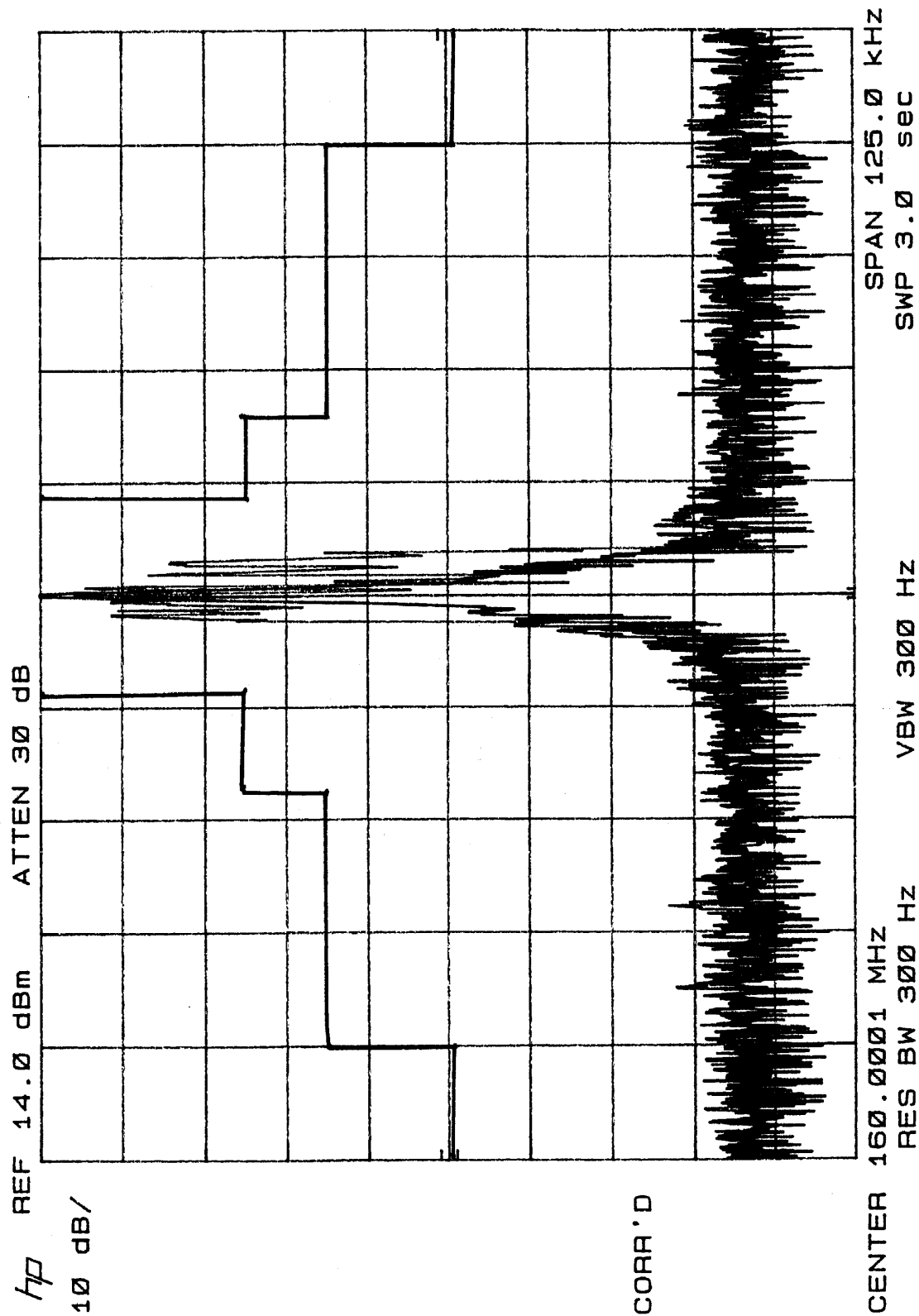
Occupied Bandwidth - 25 kHz 2000/3000 Hz FSK Data and DPL Modulation



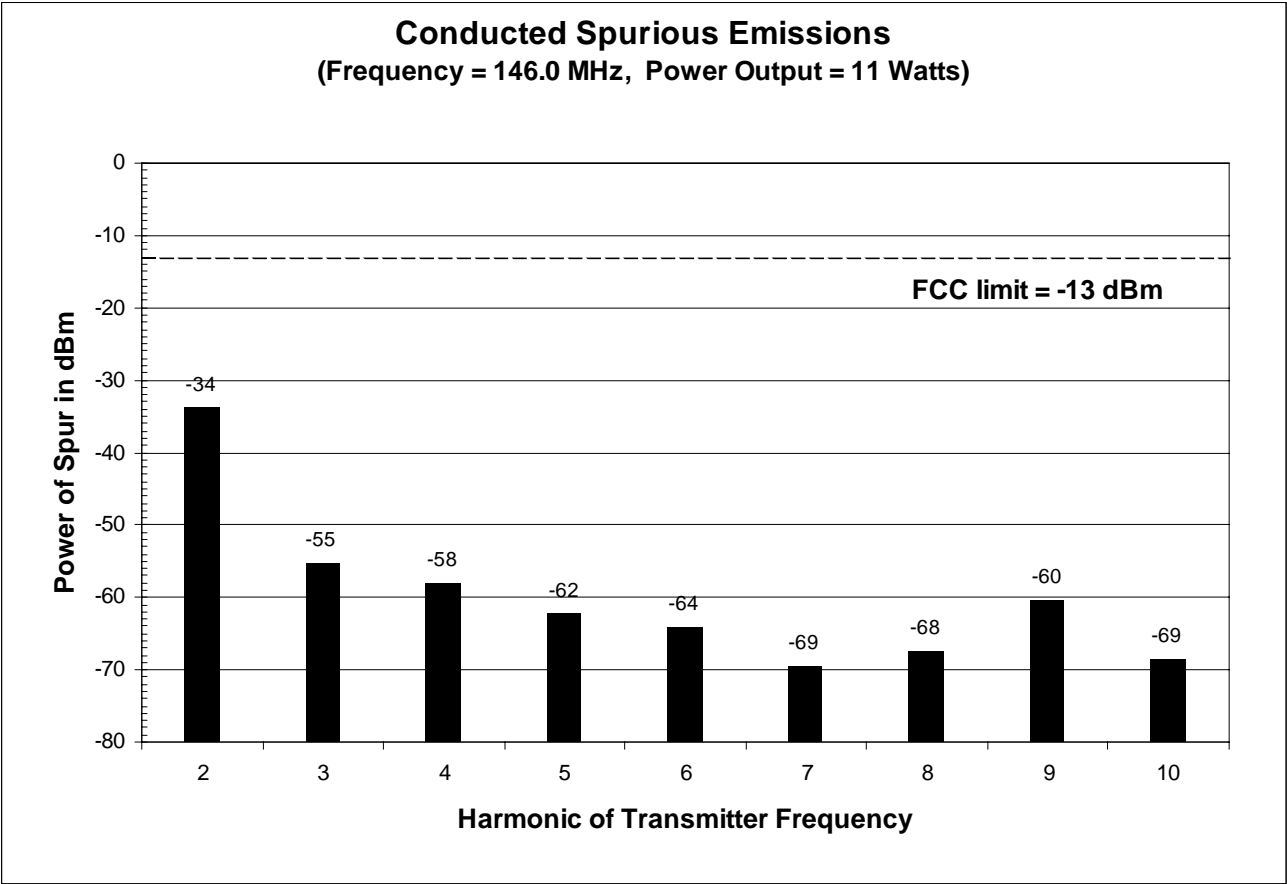
Occupied Bandwidth - 25 kHz CWID Modulation

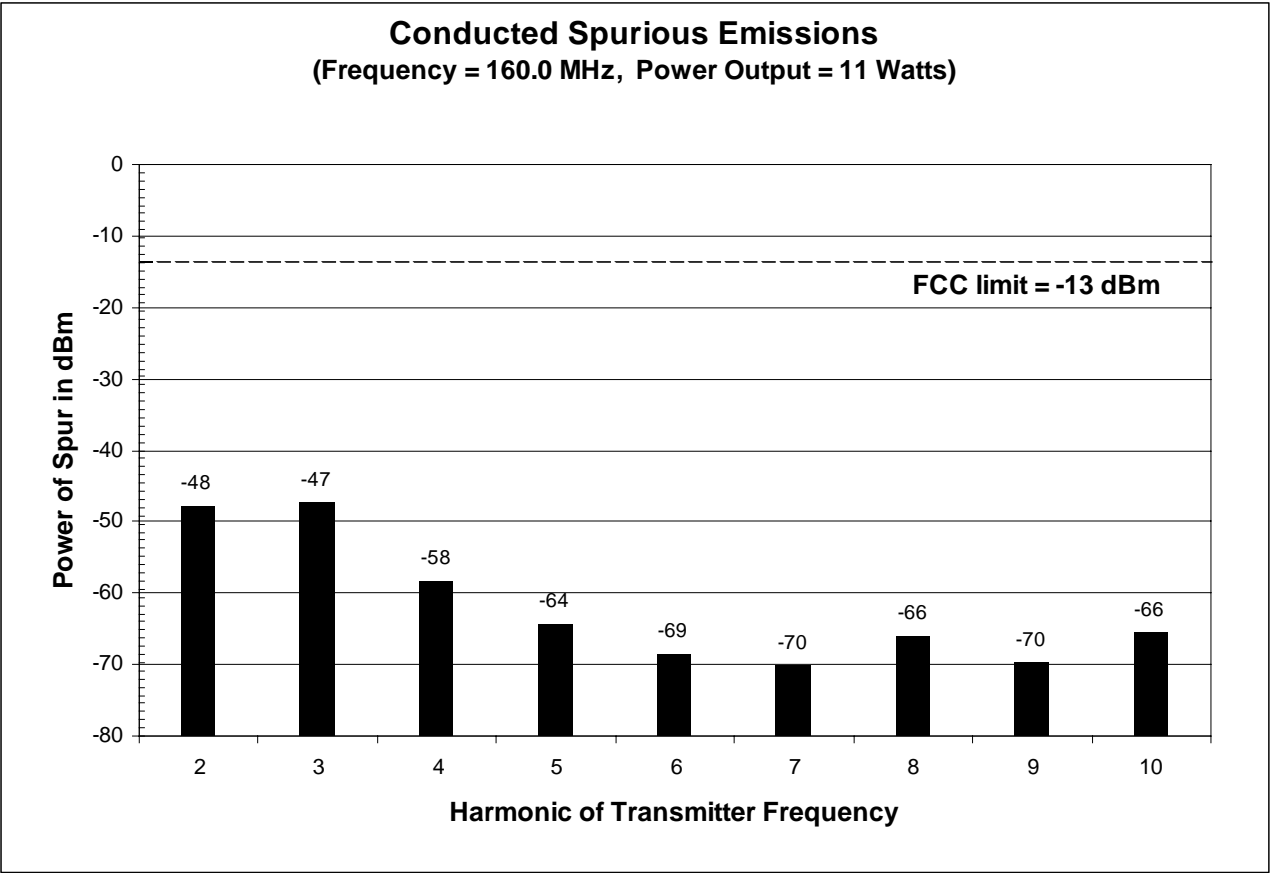


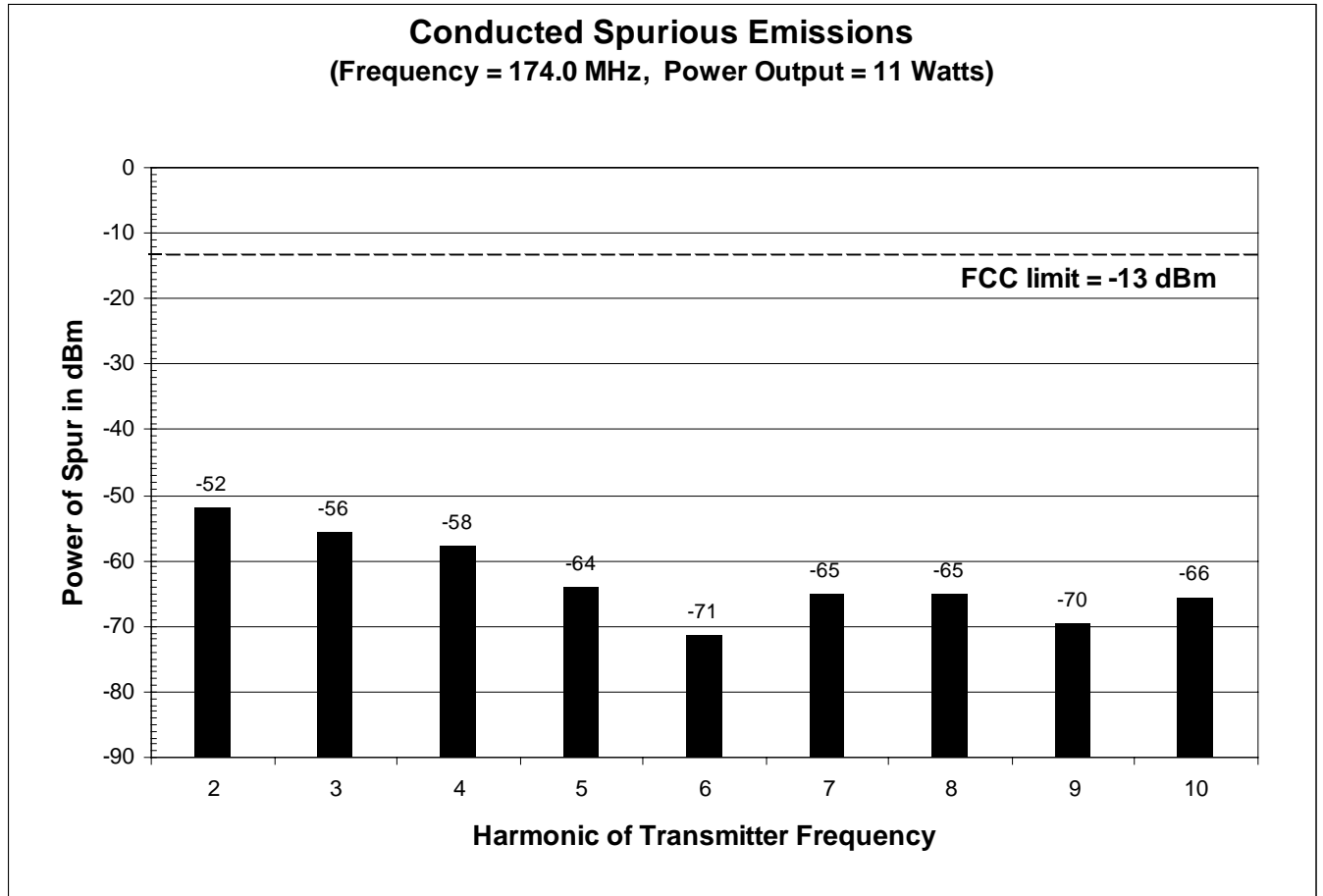
Occupied Bandwidth - 25 kHz CWID Modulation and TPL Tone Modulation

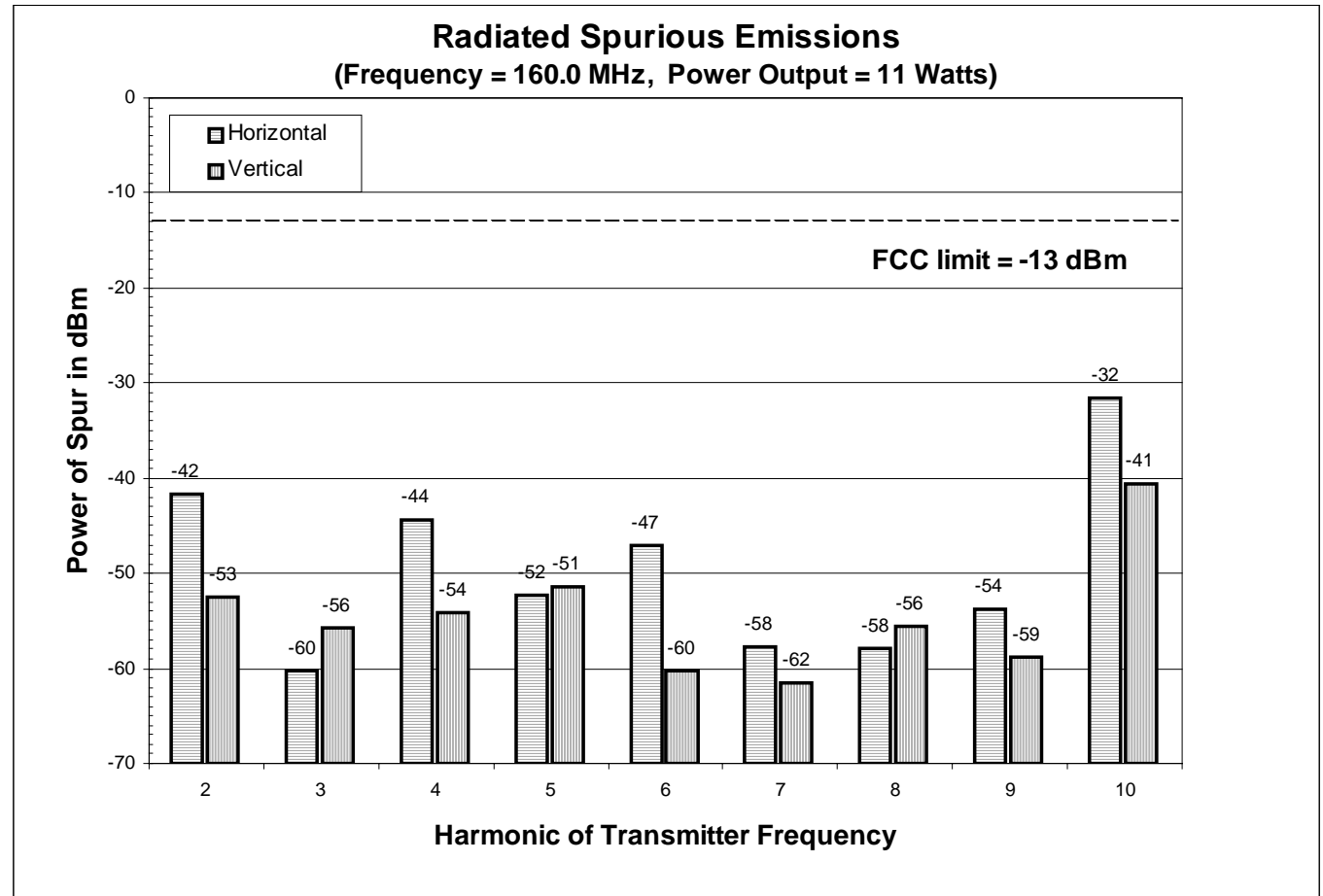


Occupied Bandwidth - 25 kHz CWID Modulation and DPL Modulation

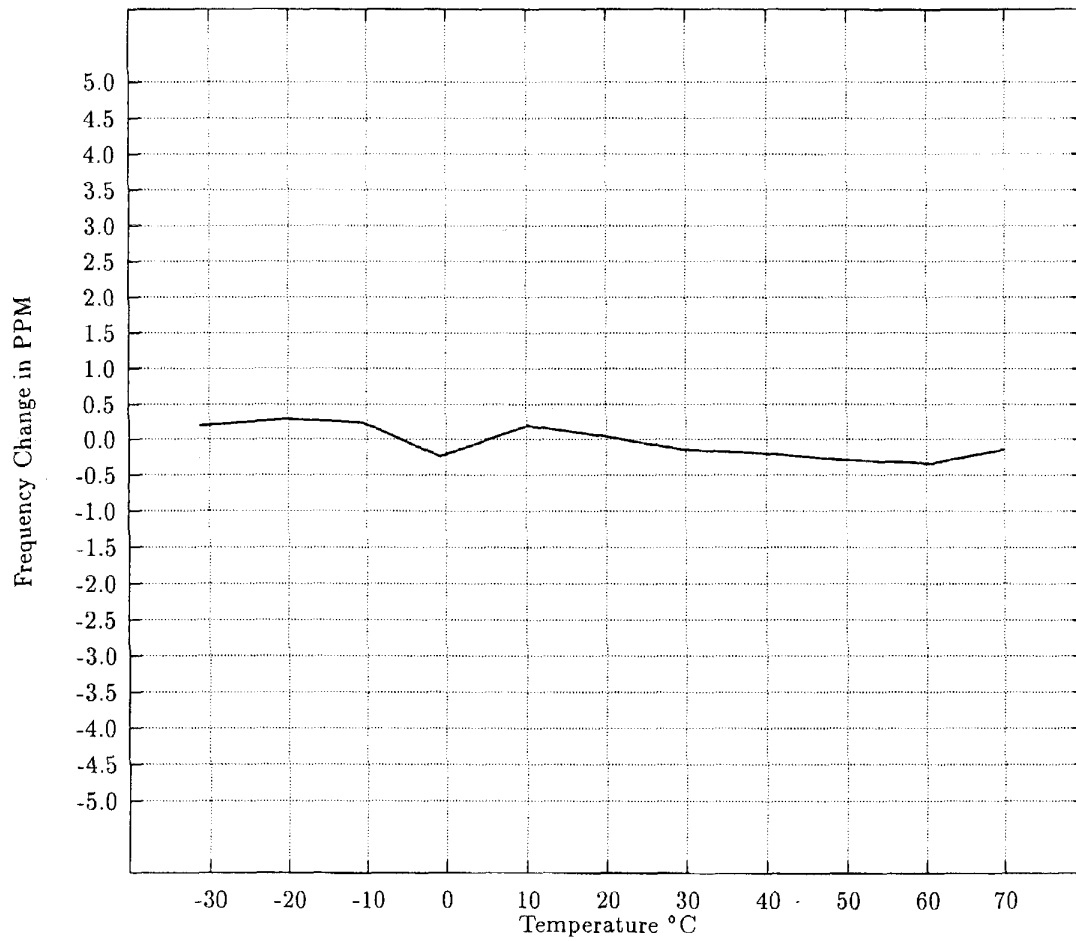




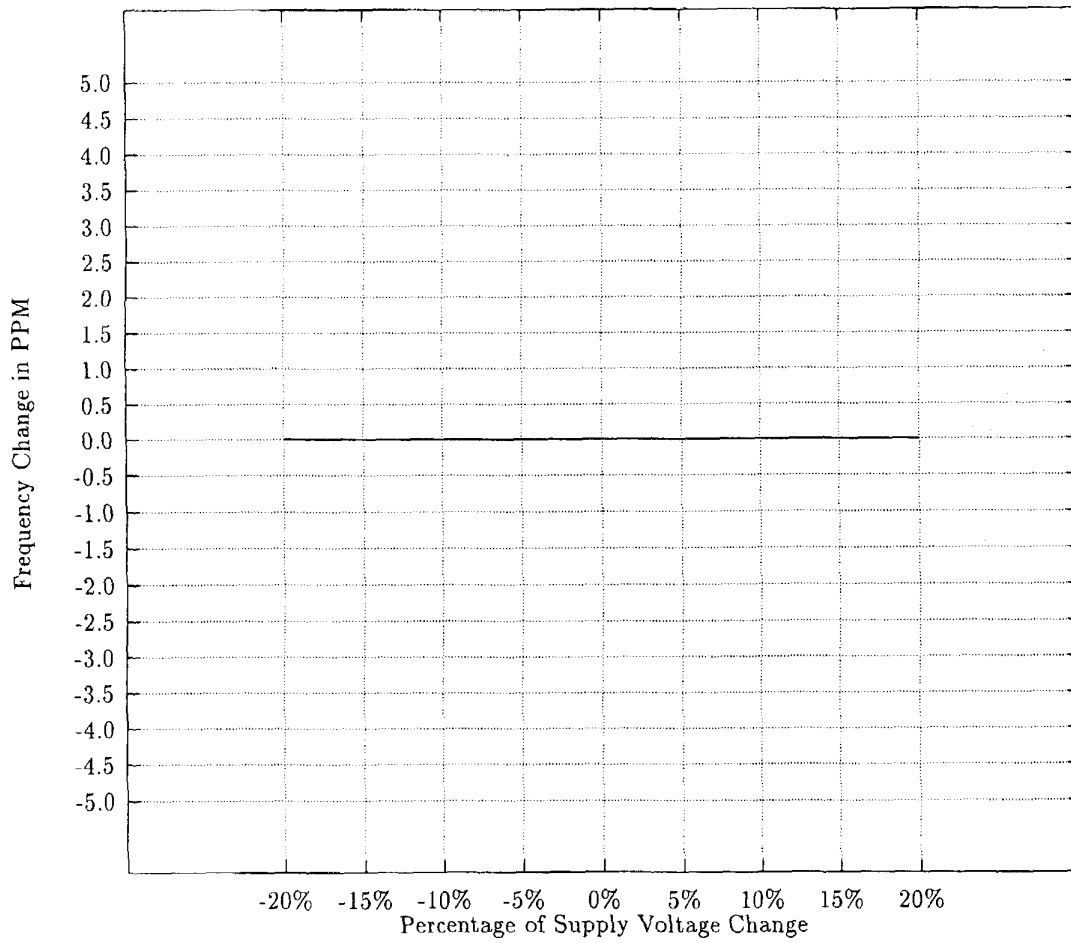




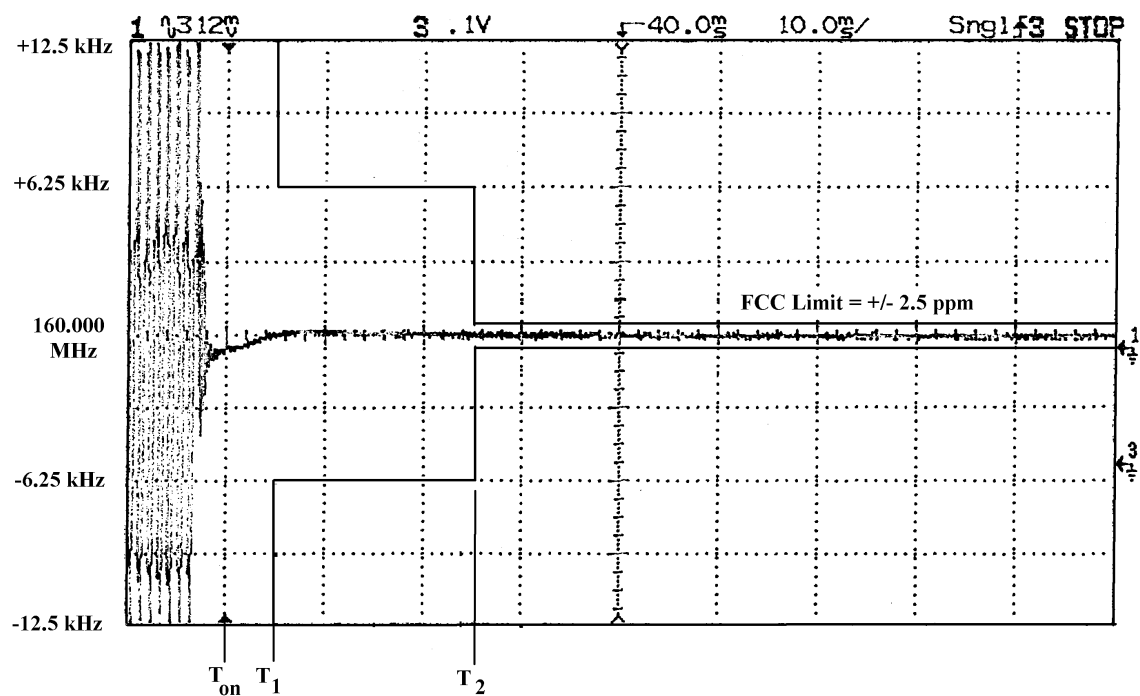
FREQUENCY STABILITY vs. TEMPERATURE



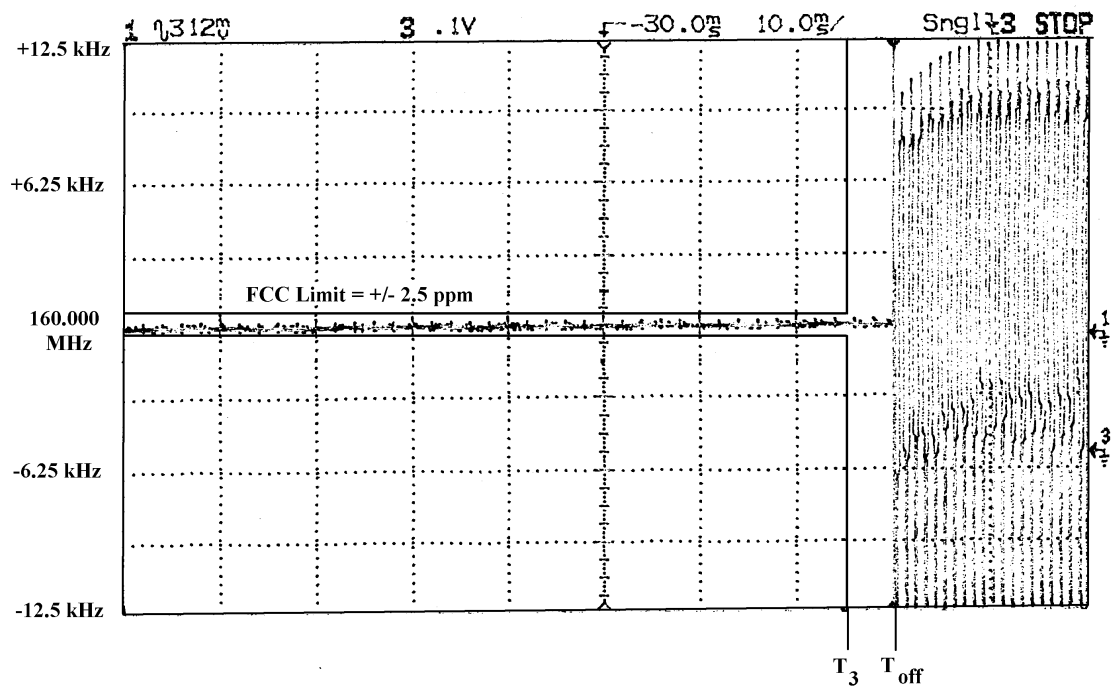
FREQUENCY STABILITY vs. VOLTAGE



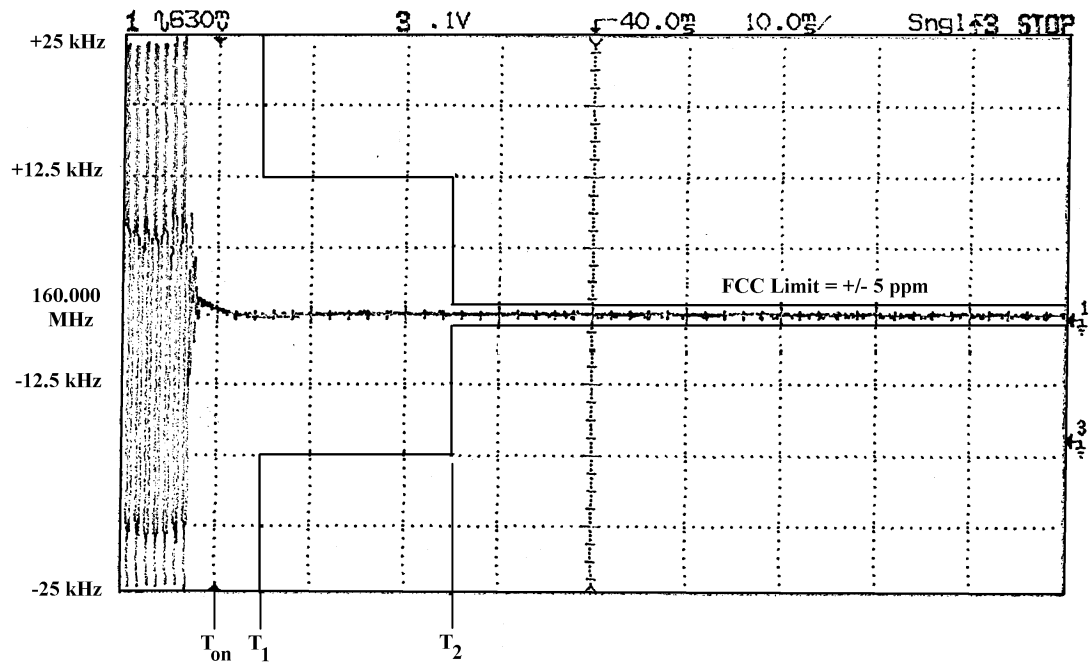
TRANSIENT FREQUENCY BEHAVIOR – 12.5 kHz TURN ON CHARACTERISTIC



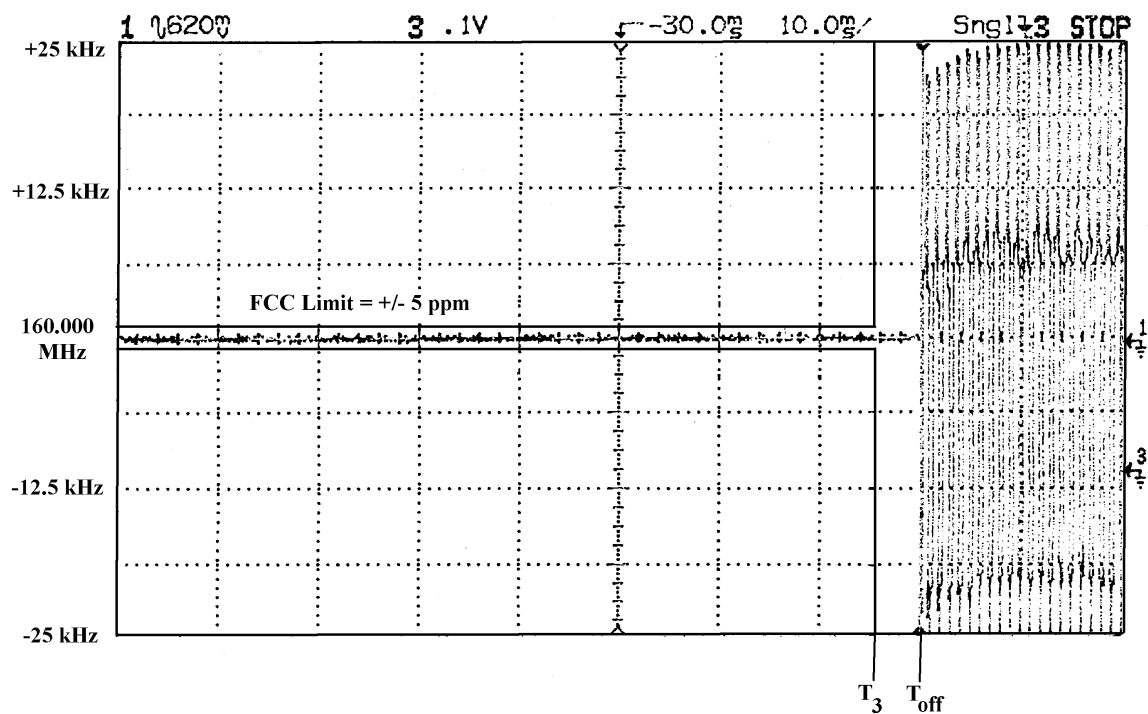
TRANSIENT FREQUENCY BEHAVIOR – 12.5 kHz TURN OFF CHARACTERISTIC



TRANSIENT FREQUENCY BEHAVIOR – 25 kHz TURN ON CHARACTERISTIC



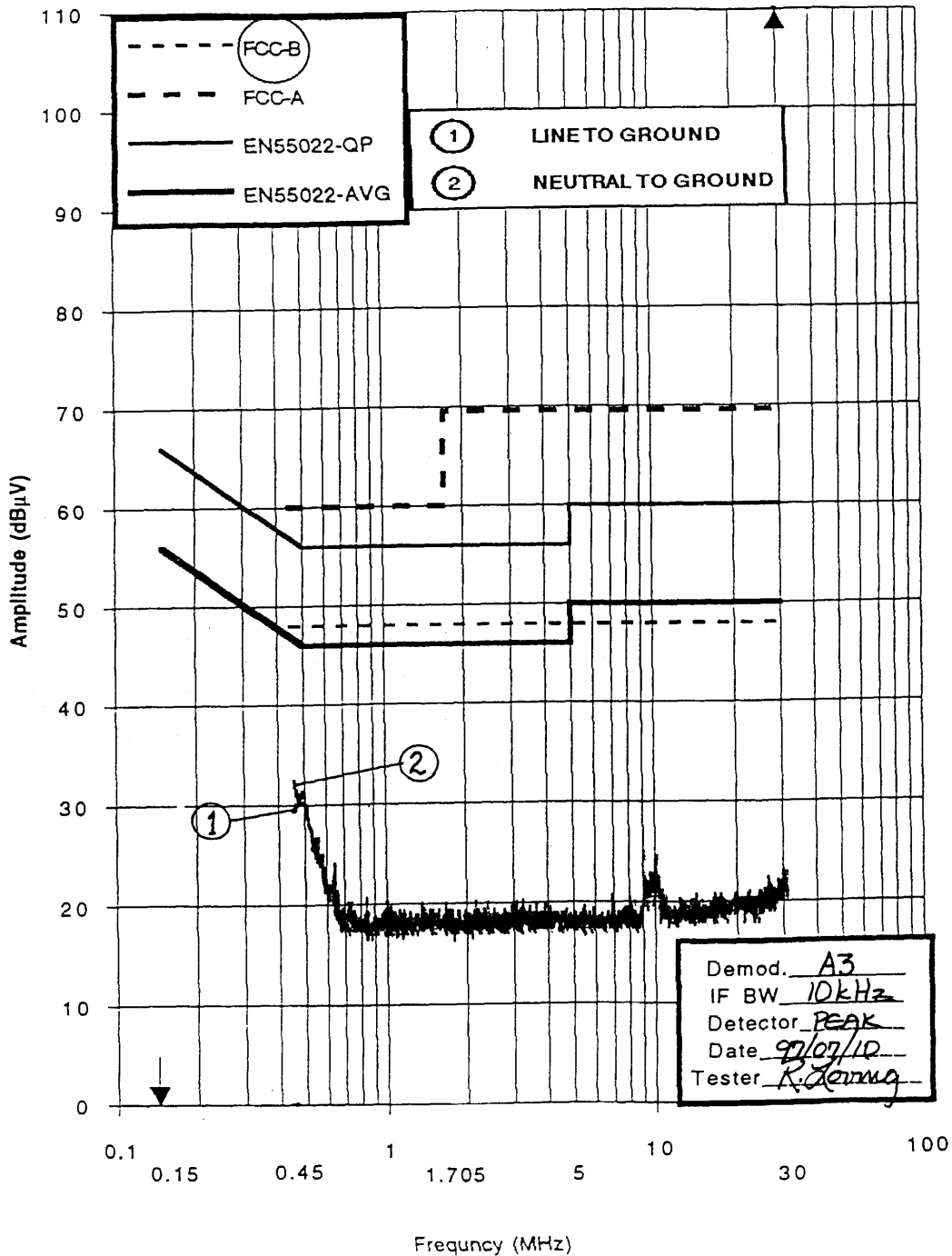
TRANSIENT FREQUENCY BEHAVIOR – 25 kHz TURN OFF CHARACTERISTIC



LINE CONDUCTED

STATION: GR1225-VHF CONDITION: STANDBY/RECEIVE
POWERSUPPLY: ASTRON SL-15M
MISC: FCC-B

Rhode & Schwarz ESH3 Rcvr. s/n 892580/012.....Network s/n 892602/005.....Asset#68744



LINE CONDUCTED SPURIOUS

STATION: GR1225-VHF CONDITION: TRANSMIT (FAN ON)
POWER SUPPLY: ASTRON SL-15M
MISC: FCC-B

Rhode & Schwarz ESH3 Rcvr. s/n 892580/012.....Network s/n 892602/005.....Asset#68744

