

EXHIBIT 1

Single Frequency Video Transmitter with Two Subcarriers

Carrier Frequency Stability	Within $\pm 0.002\%$ over 0°C to $+50^{\circ}\text{C}$
Video Frequency Response	6 Hz to 4.2 MHz $\pm 1.5\text{db}$ Pre-Emphasis
Video Deviation Sensitivity	1.28 MHz Pk-Pk/ 1V Pk-Pk at 10 KHz
Audio Frequency Response	20 Hz to 15 KHz with 75 μ Sec Pre-Emphasis
Audio Deviation Sensitivity	75 KHz Pk-Pk/-20 thru 0 dbm w/10 KHz tone

Single Frequency Video Receiver with Two subcarriers

Carrier Frequency Stability	Within $\pm 0.002\%$ over 0°C to $+50^{\circ}\text{C}$
Video Response	6 Hz to 4.2 MHz $\pm 1\text{db}$ De-Emphasis
Video Output Level	1V Pk-Pk/ 1.28 MHz Pk-Pk deviation at 10 KHz
Audio Response	20 Hz to 15 KHz with 75 μ Sec De-Emphasis

Subcarrier

Frequencies	4.83 and 5.80 MHz
Subcarrier Stability	$\pm 1\%$ Maximum over 0°C to $+50^{\circ}\text{C}$
Insertion Level	-25db

EXHIBIT 2

To develop and experiment with a television signal to monitor vehicle component performance, transmitted from a moving vehicle, during NASCAR races.