

Florida Law Enforcement Communications Plan
Interim Digital Standards for Mobile (vehicular) Radios 10/29/09

➤ **TRANSMITTER PARAMETERS**

	VHF-HB		UHF		700/800 MHz
	25 KHz	12.5 KHz	25 KHz	12.5 KHz	25 KHz
Number of Channels	3		3		TBD*
Freq. Separation (MHz)	17		10		TBD*
Power Output, (watts)	50		40		TBD*
FM Hum and Noise (dB)	45	39	45	39	TBD*

➤ **RECEIVER PARAMETERS**

	VHF-HB		UHF		700/800 MHz
	25 KHz	12.5 KHz	25 KHz	12.5 KHz	25 KHz
Number of Channels	3		3		TBD*
Freq. Separation (MHz)	17		10		TBD*
Digital Sensitivity 5% BER (μV)	0.3		0.35		TBD*
Adjacent Channel Rejection (dB)	75	63	75	63	TBD*
Intermodulation Rejection (dB)	75		75		TBD*
Spurious Response Rejection (dB)	75		75		TBD*
Audio Power Output (watts)	10		10		TBD*
Audio Distortion (%)	3		3		TBD*

* TBD = To Be Determined

Florida Law Enforcement Communications Plan
Interim Digital Standards for Portable (*hand-held*) Radios 10/29/09

➤ **TRANSMITTER PARAMETERS**

	VHF-HB		UHF		700/800 MHZ
	25 KHz	12.5 KHz	25 KHz	12.5 KHz	25 KHz
Number of Channels	3		3		TBD*
Freq. Separation (MHz)	17		10		TBD*
Power Output, (watts)	5		4		TBD*
FM Hum and Noise (dB)	45	40	45	40	TBD*

➤ **RECEIVER PARAMETERS**

	VHF-HB		UHF		700/800 MHZ
	25 KHz	12.5 KHz	25 KHz	12.5 KHz	25 KHz
Number of Channels	3		3		TBD*
Freq. Separation (MHz)	17		10		TBD*
Digital Sensitivity 5% BER (μV)	.25		.25		TBD*
Adjacent Channel Rejection (dB)	75	63	73	63	TBD*
Intermodulation Rejection (dB)	75		75		TBD*
Spurious Response Rejection (dB)	75		75		TBD*
Audio Power Output (watts)	.5		.5		TBD*
Audio Distortion (%)	2		2		TBD*

* TBD = To Be Determined

Florida Law Enforcement Communications Plan
Interim Digital Standards for Base/Repeater Stations

➤ **TRANSMITTER PARAMETERS (To Be Determined)**

	VHF-HB		UHF		700/800 MHZ
	12.5 KHz	P25	25 KHz	12.5 KHz	25 KHz
Power Output, (watts)	TBD*	90	90		TBD*
FM Hum and Noise (dB)	TBD*	40	40		TBD*
Continuous Duty Cycle (100%)	TBD*	Yes	Yes		TBD*

➤ **RECEIVER PARAMETERS (To Be Determined)**

	VHF-HB		UHF		700/800 MHZ
	12.5 KHz	P25	25 KHz	12.5 KHz	25 KHz
Digital Sensitivity 5% BER (μV)	TBD*	.35	TBD*		TBD*
Adjacent Channel Rejection (dB)	TBD*	60	TBD*		TBD*
Intermodulation Rejection (dB)	TBD*	80	TBD*		TBD*
Spurious Response Rejection (dB)	TBD*	90	TBD*		TBD*

* TBD = To Be Determined