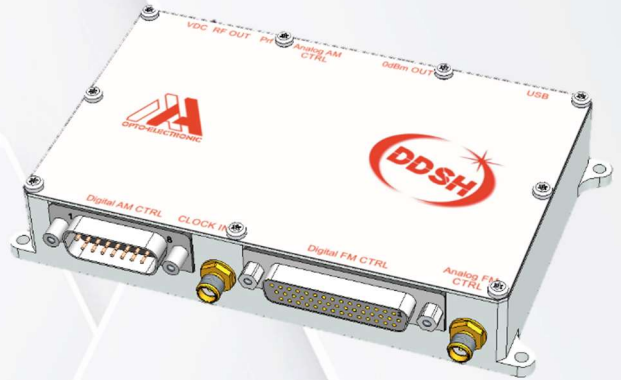


FEATURES

- Variable frequency [10..1400MHz]
- AM control (Digital, Analog) – High stability
- FM control (Analog, Digital, USB) – High Resolution
- RoHS



SPECIFICATIONS (T=25°C)

PARAMETER	RATING	UNIT
Carrier frequency	10 to 1400	MHz
Frequency control	1- ANALOG 0-5V/50ohms (Other on request) 2- DIGITAL 31 bits 3- USB fast control	
Frequency Stability	Nom +/- 1	ppm/°C
Frequency step / Accuracy	1- ANALOG xx 2- DIGITAL 0.81 3- USB 0.81	Hz
Commutation/sweeping time	1- ANALOG ADC conversion <14ns 2- DIGITAL <14ns 3- USB ms range	ns
Output RF Power	Nom -30 to 0 (to be associated with AA Amplifier)	dBm
Power supply	15-24, nom 0.77-0.65A (OEM version)	VDC
Modulation Input Control (AM)	1- Analog 0-5V/ 50 W (other on request) 2- 12 bits digital (4096 levels) 3- USB (ms range) (selection by software)	V
Rise Time / Fall time (10-90%)	<3 @200MHz @analog <6 @100MHz @12 bits	ns
Harmonics	H2 > 30, H3 > 20 typ	dBc
Input / Output impedance	50	Ω
Extinction Ratio	Nom 45 @200MHz	dB
Input / Output Connectors	DB15 / HD44 / SMAx4	
Size / Weight	OEM: 81.5x137x26 (without connectors)	
Heat Exchange	Conduction through baseplate for OEM version	
Operating Temperature	10 to 40 (max Tcase 50, OEM version)	°C
Storage Temperature	-40 to +70 Non condensing	°C
External CLOCK (CLOCK IN)	Option: 3.5GHz clock input	

*PC software provided for USB control with communication protocol

MECHANICAL DRAWING (mm)

