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SPECIFICATION FOR DPD-MCPA

MODEL: DPDA-2226R

PARAMETERS	SPEC.
FREQ. RANGE	1840-1870 MHz
OPERATING BANDWIDTH	20 MHz
INPUT SIGNAL TYPE	Digital IF / Base Band / Analog IF RF
ANALOG IF POWER LEVEL	-5dBm
INPUT SIGNAL IMD	>58dBc
INPUT SIGNAL PAPR	<10dB
GAIN	55 dB
GAIN FLATNESS	0.4 dB Over any 20 MHz
GAIN Vs TEMP.	±1.0 dB
INPUT DIGITAL MATCHING	LVDS / 50ohm
INPUT / OUTPUT VSWR	1.4:1
INPUT DYNAMIC RANGE	15 dB to 20 dB
1X EV-DO 14 FA	60 W
IMD AT ±885 KHz @ 60 W, 10 CARRIERS, 1X	-48 dBc/30 KHz RBW TYPICAL AT 25°C (In & Out of Band)
IMD AT ±1.98 MHz @ 60 W, 10 CARRIERS, 1X	-50 dBc/30 KHz RBW TYPICAL AT 25°C (In & Out of Band)
Spurs AT ±2.25 MHz @ 60 W, 10 CARRIERS, 1X	-14 dBm/1 MHz TYPICAL AT 25°C (In & Out of Band)
SUPPLY VOLTAGE	27 V ± 1 V 24 V to 28 V With degradation of performance
SUPPLY CURRENT	17 A (Po=60 W; 16A D.G)
ALARMS & STATUS	TBD with end user
OPERATING TEMP. RANGE	-30°C ÷ +60°C AMBIENT
STORAGE TEMP. RANGE	-40°C- +85°C
TYPE	DIGITAL PRE-DISTORTION