1352 Blue Oaks Blvd Suite 140
Roseville CA 95678 (916) 773-4424

Wright Technologies Inc.
Broadband Frequency Operation

PERFORMANCE DATA | **RoHS COMPLIANT** | **ASX40-210** | **Serial # 0009**

FEATURES

* 13.0 - 20.0 GHz Frequency Input
* 26.0 - 40.0 GHz Frequency Output
* X2 Frequency Multiplication
* Harmonics: 20.00 dBc Min
* Output Power: 10.00 dBm Min
* 50 Ohm Input and Output Matched
* -20 to +75 °C Operating Temperature
* Unconditionally Stable
* Single DC Bias Supply
* Built-in DC Voltage regulation
* Small Size and Weight, Yet Robust

APPLICATIONS

Laboratory Applications
R&D Lab Use
Radar Systems
Electronic Warfare
Telecom Infrastructure
Test Instrumentation
Military and Space
Communications Systems
Satellite Communications
Wireless Communications
Microwave Radio Systems
Power Amplifier
General Purpose Amplifier
RF Front Ends
Fiber Optic Interface

Freq. In GHz	Freq. Out GHz	Harmonics dBc	Input Power dBm	P Out dBm
13.00	26.00	22.92	10.00	11.62
14.80	29.50	28.90		11.13
16.50	33.00	47.18		11.67
25.63	36.50	31.21		11.54
20.00	40.00	29.33	↓	10.74
	Min	20.98	10.00	10.38
	Max	47.19	16.00	11.72
	Spec	20.00 Typ	10.0 - 16.0	10.00 Min

Bias @ +12.0 V, IT = 300 mA
350 mA Typ

All Measurements Taken at 25°C Ambient Room

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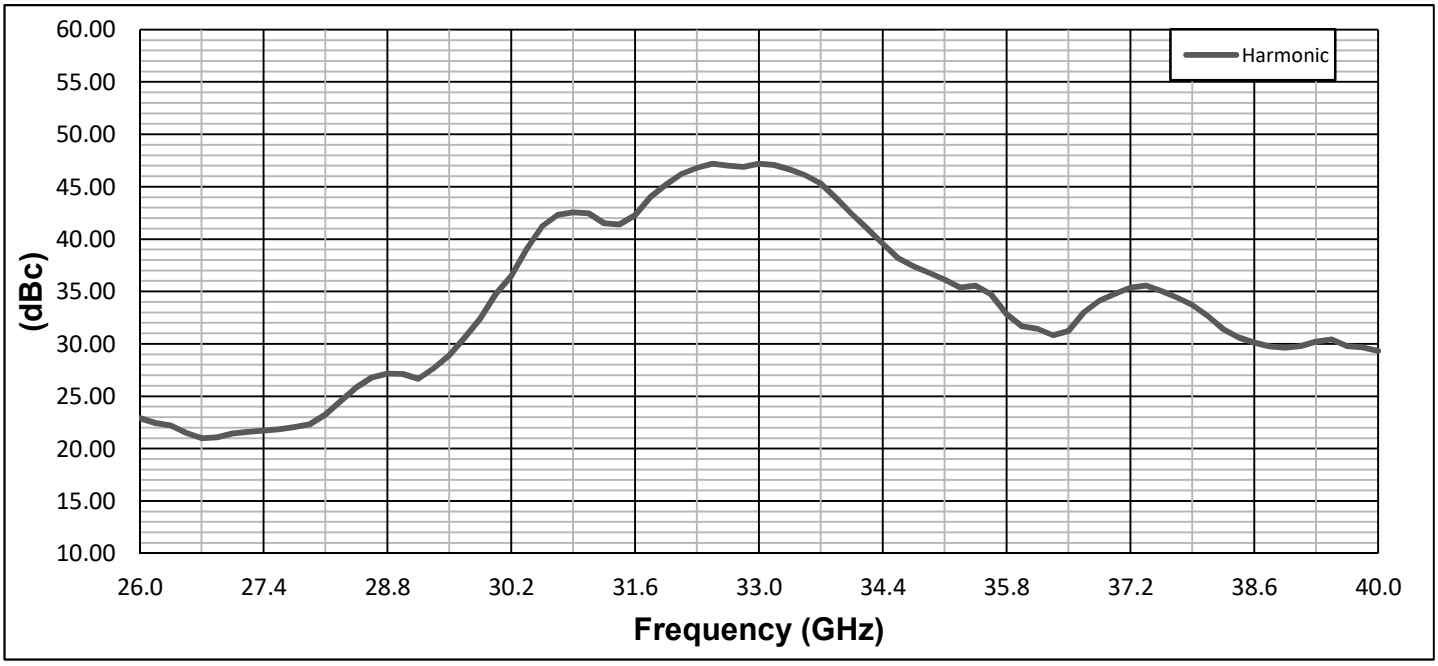
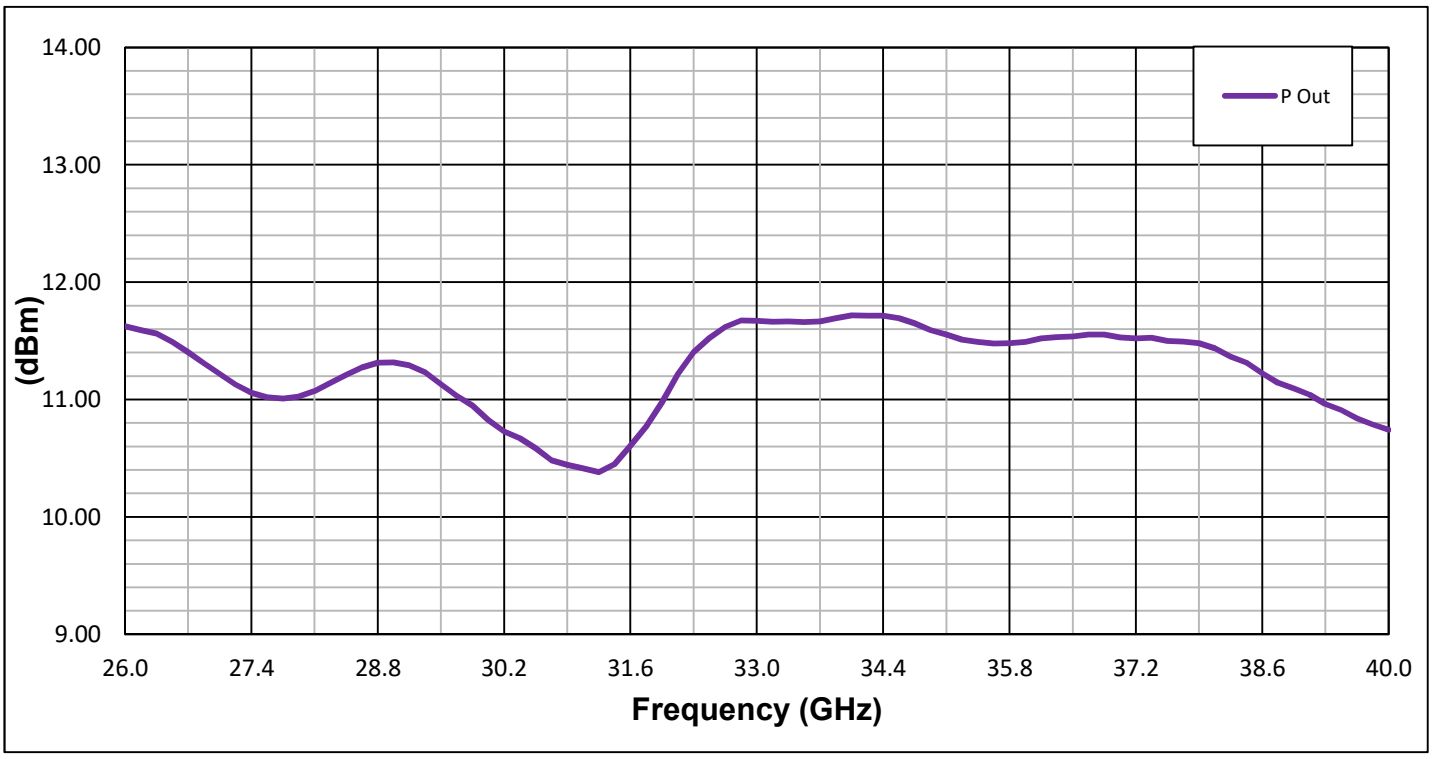
DATA PLOTS

RoHS COMPLIANT

ASX40-210
Serial # 0009

Harmonics



Power Out