AXS C

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CLASS D Mode Electrical Characteristics

(VDD =5V, Gain=23dB, R_L =4

Symbol	Parameter	Test Conditions		MIN	TYP	MAX	
V_{IN}				2.5	-	5.5	V
P_O	D	THD+N=10%,f=1KHZ,R_L	V_{DD}=5.0V		3.1		W
			V_{DD}=3.6V		1.7		
		THD+N=1%,f=1KHZ,R_L	V_{DD}=5.0V		2.6		W
			V_{DD}=3.6V		1.45		
		THD+N=10%,f=1KHZ,R_L=8	V_{DD}=5.0V		1.8		W
			V_{DD}=3.6V		1.05		
		THD+N=1%,f=1KHZ,R_L=8	V_{DD}=5.0V		1.5		W
			V_{DD}=3.6V		0.87		
THD+N		V_{DD}=5.0V, P_O=0.5W, R_L	f=1KHz		0.02		%

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AXS2103
3.1W AB/D

[redacted]

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(Ri)

AXS2103 (RI)
RF)

$$Av = \frac{Rf}{Ri+5}\left(\frac{V}{V}\right)$$

RI AXS2103
5K Rf 400K
< ╪

$$\frac{1}{(2\pi RiCi)}$$

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