

No. DF-E04-0075

DATE: Jun,9.2004

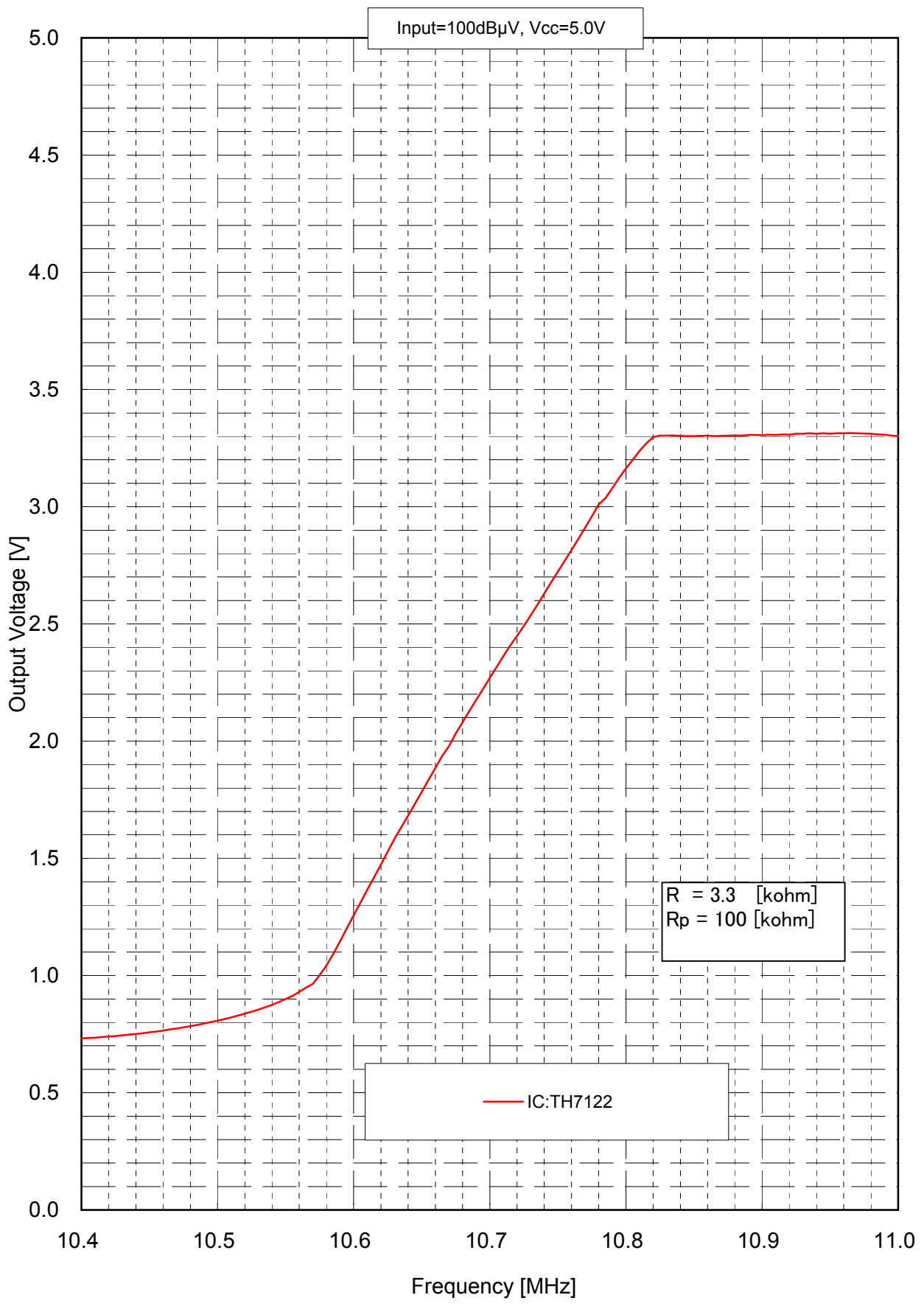
Messrs:

TYPE: CDSCB10M7GA136-R0

IC : TH7122
[Internal AFC Enabled]

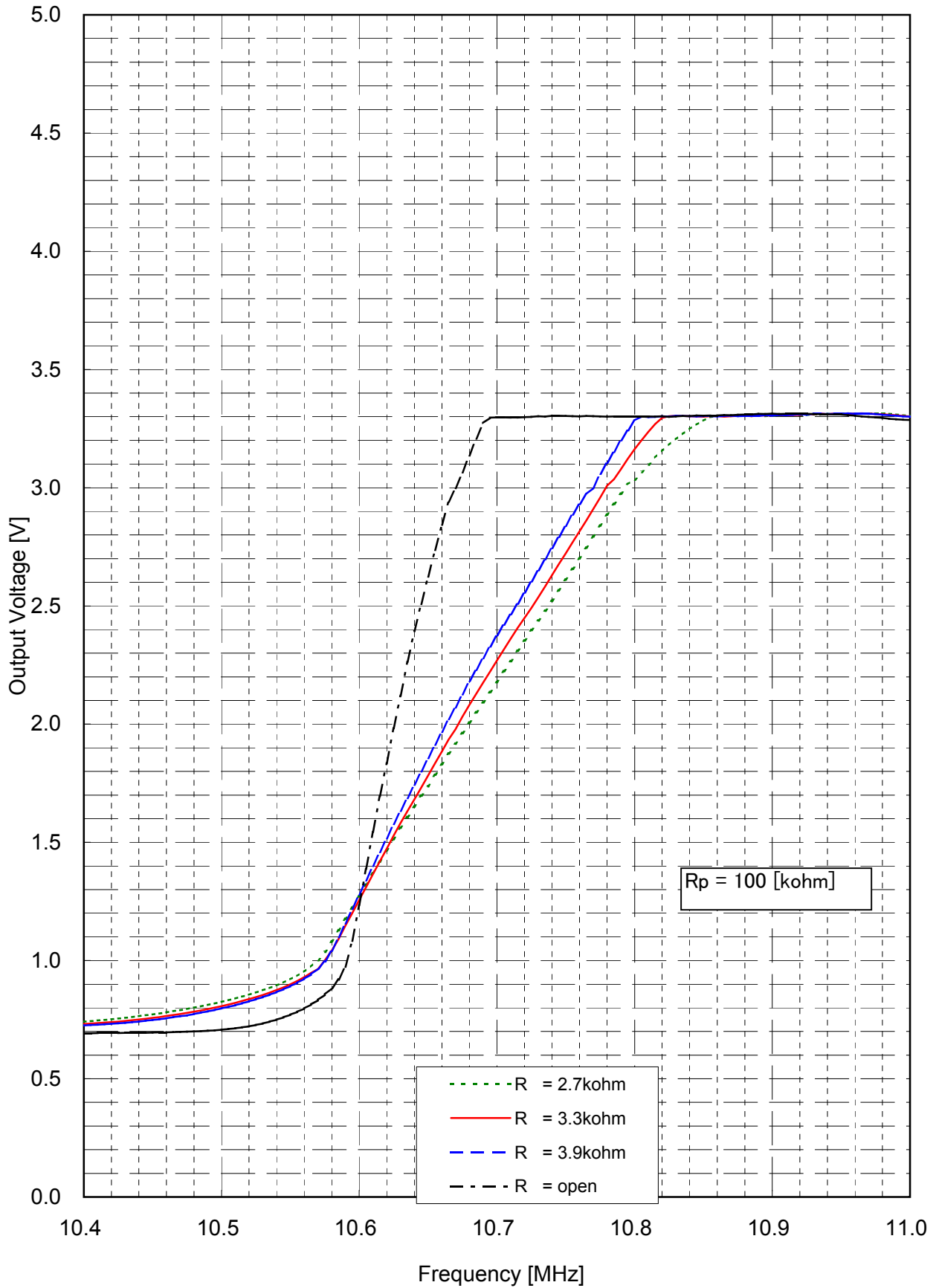
Product Engineering Service Section
Planning & Market Promotion Department
Component Division II

F - V Characteristics
Type : CDSCB10M7GA136-R0 with TH7122 [Internal AFC Enabled]



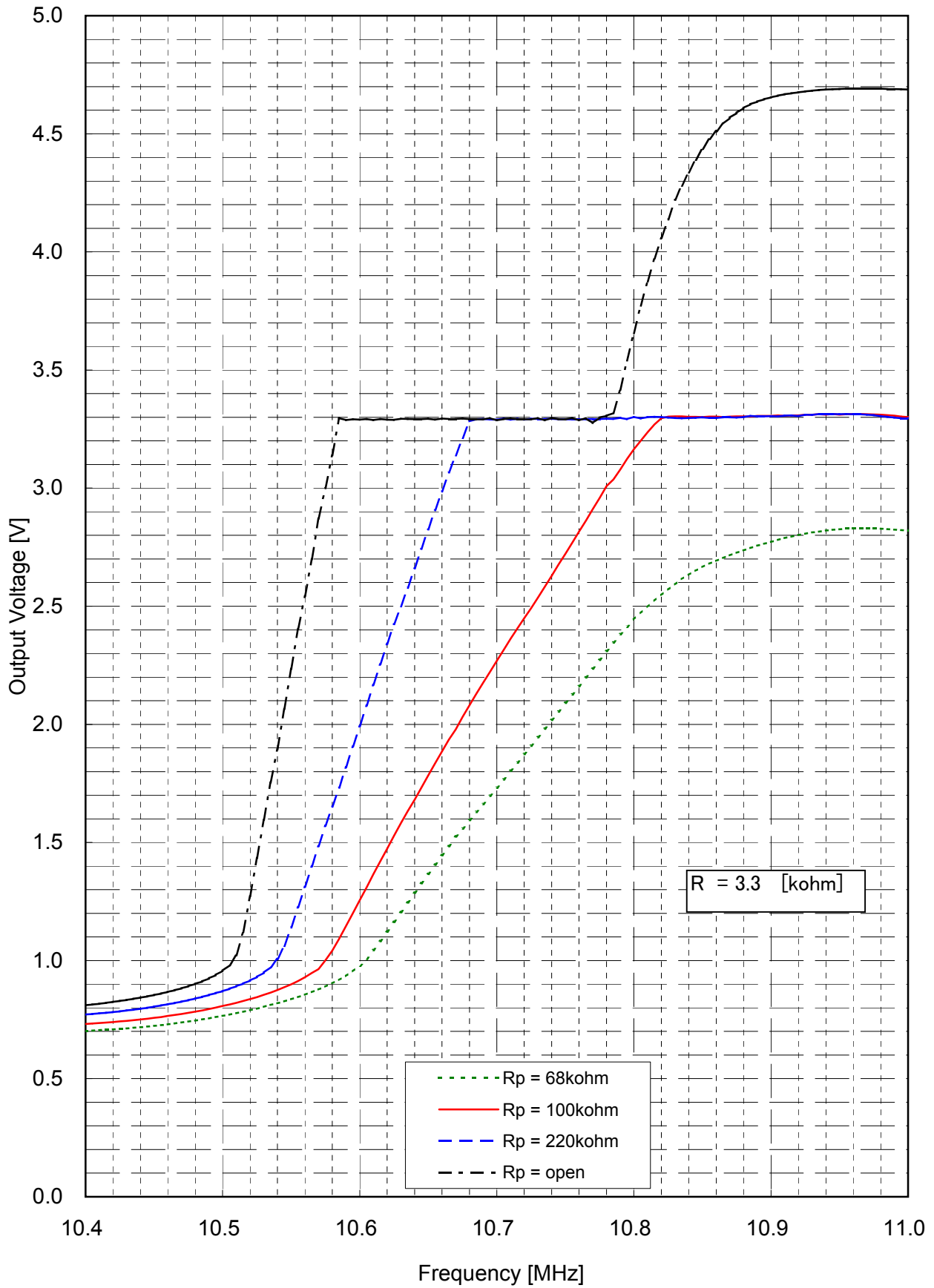
F - V Characteristics
Type : CDSCB10M7GA136-R0 with TH7122 [Internal AFC Enabled]

Input=100dBμV, Vcc=5.0V

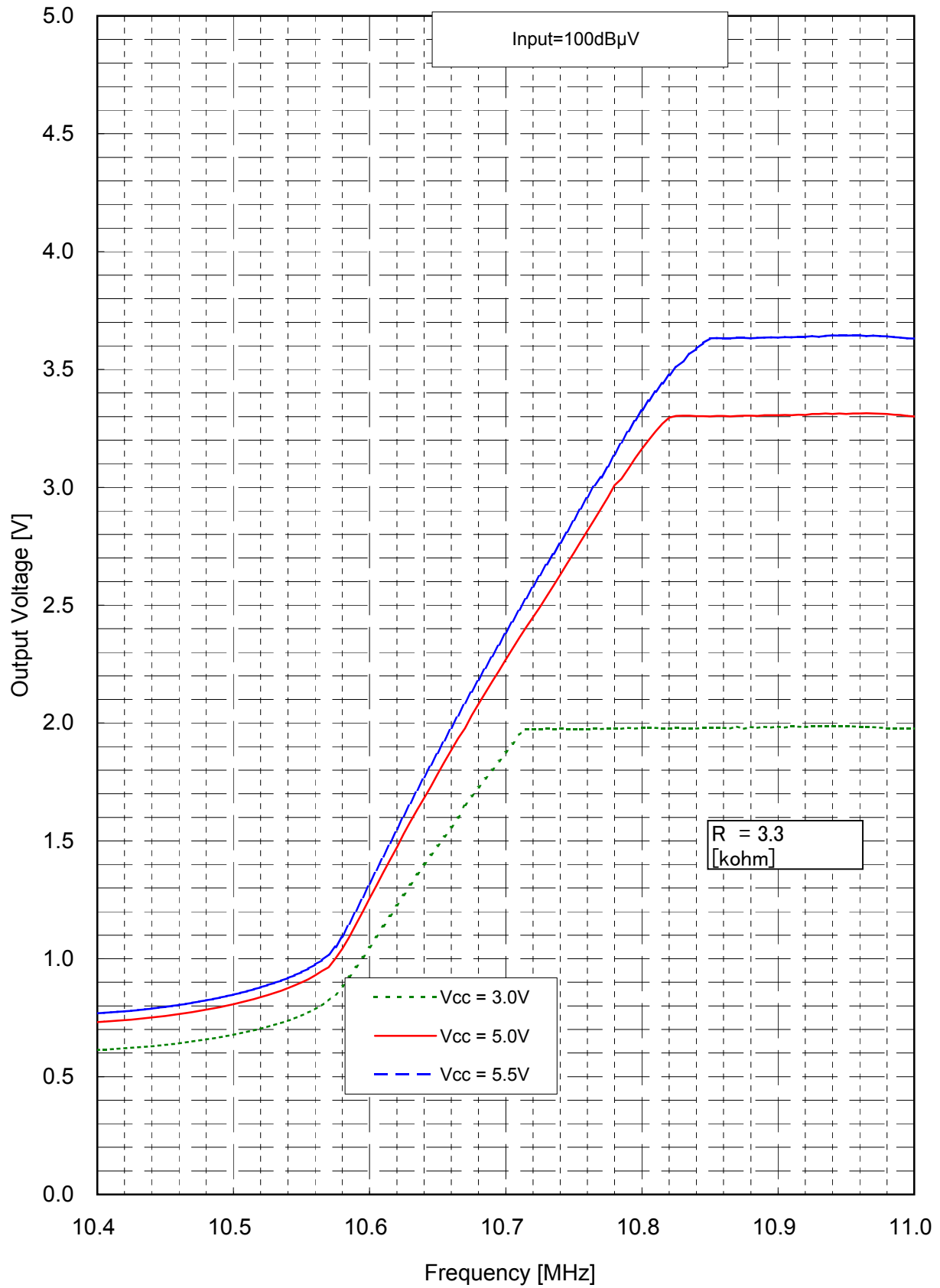


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F - V Characteristics
Type : CDSCB10M7GA136-R0 with TH7122 [Internal AFC Enabled]



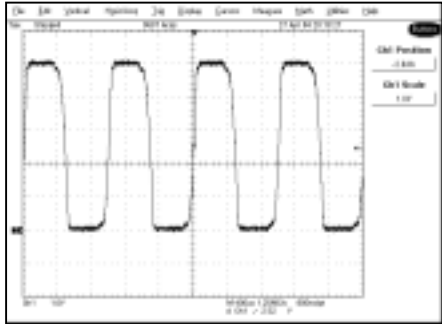
FSK Characteristics(FSK OUT)
Type : CDSCB10M7GA136-R0 with
TH7122 [Internal AFC Enabled]

Input=100dB μ V, Fdev.= \pm 50kHz, Fmod.=1kHz, Vcc=5.0V
R = 3.3kohm, Rp = 100kohm

TH7122

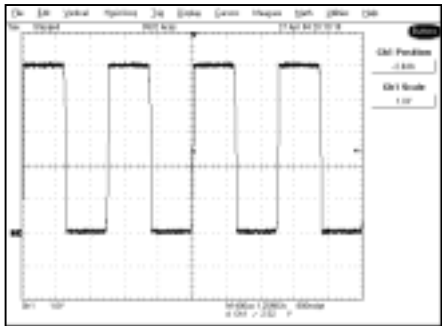
①F= 10.505MHz

Min



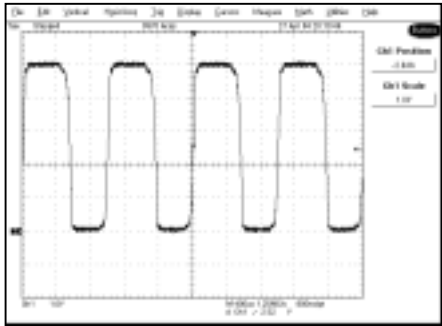
②F= 10.700MHz

Center



③F= 10.915MHz

Max



FSK Characteristics(FSK OUT)
 Type : CDSCB10M7GA136-R0 with TH7122
 [Internal AFC Enabled]

Input=100dB μ V
 R = 3.3kohm, Rp = 100kohm

IC	Vcc [V]	Fdev. [kHz]	Fmod. [kHz]	FSK frequency range			FSK band width		
				Min [MHz]	Fo [MHz]	Max [MHz]	Fo -Min [kHz]	Max -Fo [kHz]	All [kHz]
TH7122	3	± 50	1	10.530	10.700	10.900	170	200	370
	5	± 50	1	10.505	10.700	10.915	195	215	410
	5.5	± 50	1	10.495	10.700	10.915	205	215	420
	5	± 10	1	10.620	10.700	10.825	80	125	205
	5	± 20	1	10.590	10.700	10.860	110	160	270
	5	± 50	1	10.505	10.700	10.915	195	215	410
	5	± 100	1	10.450	10.700	10.940	250	240	490
	5	± 50	0.4	10.505	10.700	10.915	195	215	410
	5	± 50	1	10.505	10.700	10.915	195	215	410
	5	± 50	5	10.515	10.700	10.915	185	215	400
	5	± 50	10	10.515	10.700	10.915	185	215	400