

AM-2A-000110

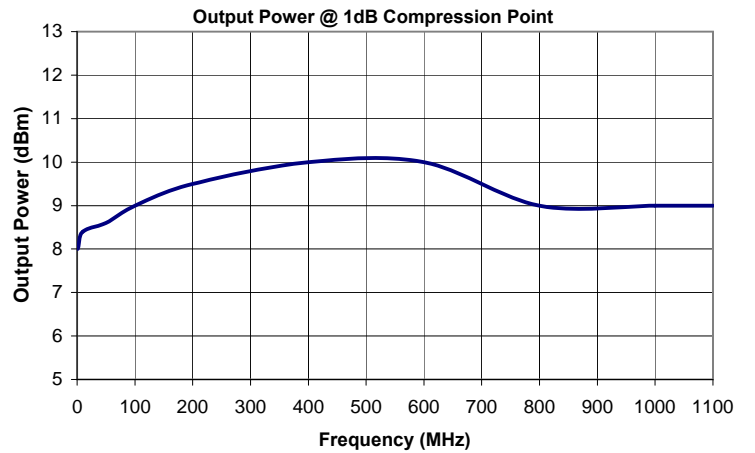
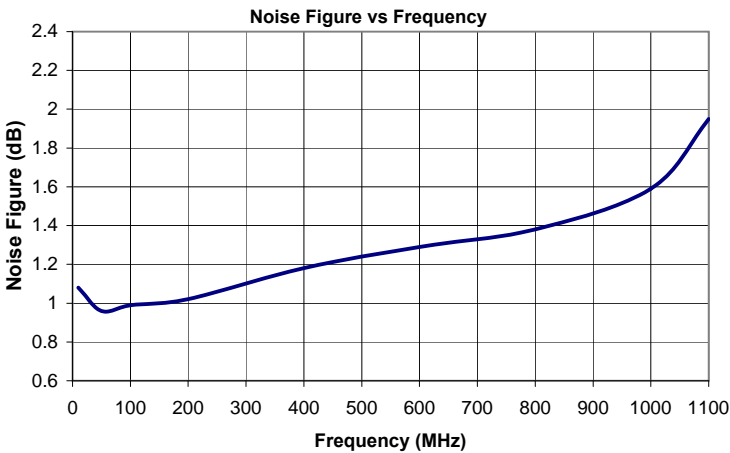
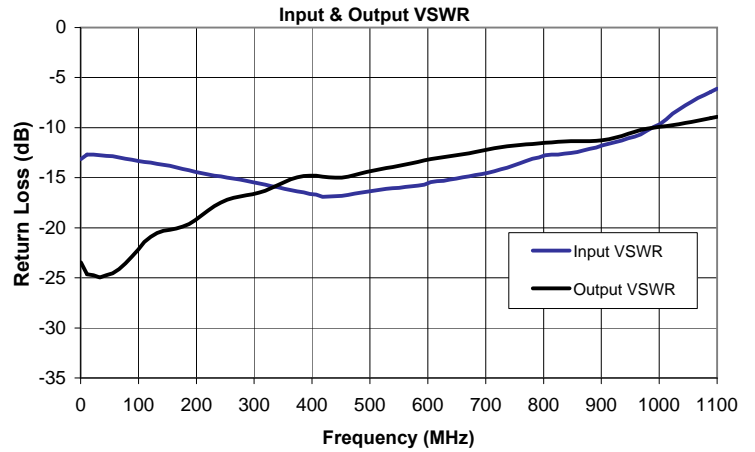
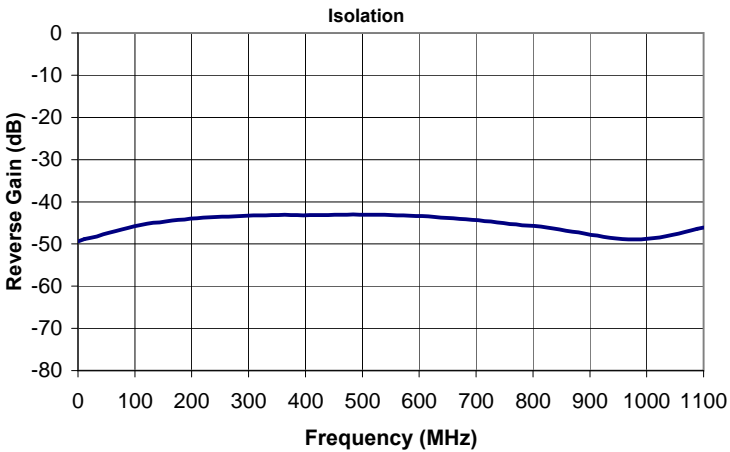
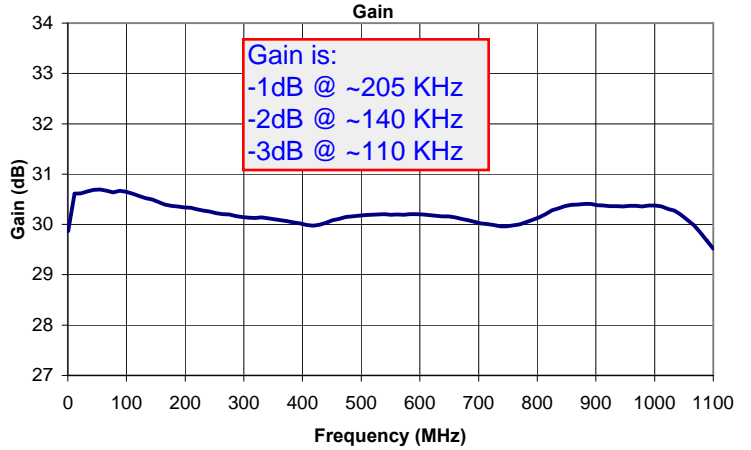
Features

- Low noise figure
- Usable to <300 KHz
- Good gain flatness
- Internally regulated to +9V
- Reverse voltage protected
- Input Limiter Protected

Parameter	Specification
Frequency Range (MHz)	1-1000 MHz
Gain (dB)	28 dB Min.
Gain Flatness (\pm dB)	\pm 0.75 dB Max.
Input VSWR (dBRL)	2.0:1 Max.
Output VSWR (dBRL)	2.0:1 Max.
*Noise Figure (dB)	1.2, 1.4, 1.7
*Output P1dB (dBm)	+7, +8, +7
DC Voltage	+12 to +30
DC Current (mA)	55

*Noise Figure at 10 MHz, 500 MHz & 1000 MHz

*P1dB at 10 MHz, 500 MHz & 1000 MHz



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AM-2A-000110

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)
0.3	29.9	-49	-13	-23
11	30.6	-49	-13	-25
22	30.6	-49	-13	-25
33	30.7	-48	-13	-25
44	30.7	-48	-13	-25
55	30.7	-47	-13	-25
66	30.7	-47	-13	-24
77	30.6	-47	-13	-24
88	30.7	-46	-13	-23
99	30.6	-46	-13	-22
110	30.6	-46	-13	-21
121	30.6	-45	-14	-21
132	30.5	-45	-14	-21
143	30.5	-45	-14	-20
154	30.4	-45	-14	-20
165	30.4	-44	-14	-20
176	30.4	-44	-14	-20
187	30.4	-44	-14	-20
198	30.3	-44	-14	-19
209	30.3	-44	-15	-19
220	30.3	-44	-15	-18
231	30.3	-44	-15	-18
242	30.3	-44	-15	-17
253	30.2	-44	-15	-17
264	30.2	-43	-15	-17
275	30.2	-43	-15	-17
286	30.2	-43	-15	-17
297	30.1	-43	-15	-17
308	30.1	-43	-16	-16
319	30.1	-43	-16	-16
330	30.1	-43	-16	-16
341	30.1	-43	-16	-16
352	30.1	-43	-16	-15
363	30.1	-43	-16	-15
374	30.1	-43	-16	-15
385	30.0	-43	-16	-15
396	30.0	-43	-17	-15
407	30.0	-43	-17	-15
418	30.0	-43	-17	-15
429	30.0	-43	-17	-15
440	30.0	-43	-17	-15
451	30.1	-43	-17	-15
462	30.1	-43	-17	-15
473	30.1	-43	-17	-15
484	30.2	-43	-16	-15
495	30.2	-43	-16	-14
506	30.2	-43	-16	-14
517	30.2	-43	-16	-14
528	30.2	-43	-16	-14
539	30.2	-43	-16	-14
550	30.2	-43	-16	-14
561	30.2	-43	-16	-14
572	30.2	-43	-16	-14

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)
0.3	29.9	-49	-13	-23
583	30.2	-43	-16	-13
594	30.2	-43	-16	-13
605	30.2	-43	-15	-13
616	30.2	-43	-15	-13
627	30.2	-44	-15	-13
638	30.2	-44	-15	-13
649	30.2	-44	-15	-13
660	30.1	-44	-15	-13
671	30.1	-44	-15	-13
682	30.1	-44	-15	-12
693	30.1	-44	-15	-12
704	30.0	-44	-15	-12
715	30.0	-45	-14	-12
726	30.0	-45	-14	-12
737	30.0	-45	-14	-12
748	30.0	-45	-14	-12
759	30.0	-45	-14	-12
770	30.0	-45	-13	-12
781	30.0	-46	-13	-12
792	30.1	-46	-13	-12
803	30.1	-46	-13	-12
814	30.2	-46	-13	-11
825	30.3	-46	-13	-11
836	30.3	-46	-13	-11
847	30.4	-47	-13	-11
858	30.4	-47	-12	-11
869	30.4	-47	-12	-11
880	30.4	-47	-12	-11
891	30.4	-48	-12	-11
902	30.4	-48	-12	-11
913	30.4	-48	-12	-11
924	30.4	-48	-11	-11
935	30.4	-49	-11	-11
946	30.4	-49	-11	-11
957	30.4	-49	-11	-10
968	30.4	-49	-11	-10
979	30.4	-49	-10	-10
990	30.4	-49	-10	-10
1001	30.4	-49	-10	-10
1012	30.4	-49	-9	-10
1023	30.3	-48	-9	-10
1034	30.3	-48	-8	-10
1045	30.2	-48	-8	-10
1056	30.1	-48	-7	-9
1067	30.0	-47	-7	-9
1078	29.8	-47	-7	-9
1089	29.7	-46	-6	-9
1100	29.5	-46	-6	-9