

D1002178 V1 FREQUENCY DOUBLER

SERIAL	+24V MA	-24V MA	+17V MA	-17V MA	TP1	TP2	TP5	TP6	TP7	TP8	TP9	TP10	TP11	TP12	TP13	LOGIC HIGH PIN 5 U1 U7, TP14				13 DBM				10 DBM				7 DBM				0 DBM				-10 DBM				NO CONNECT				OUTPUT POWER DBM	PHASE NOISE TESTING		
																NOISE	NOISE	NOISE	NOISE	POWER IN	MEASURED VOLT	MEASURED POWER	POWER IN	MEASURED VOLT	MEASURED POWER	POWER IN	MEASURED VOLT	MEASURED POWER	POWER IN	MEASURED VOLT	MEASURED POWER	POWER IN	MEASURED VOLT	MEASURED POWER	POWER IN	MEASURED VOLT	MEASURED POWER	POWER IN	MEASURED VOLT	MEASURED POWER	POWER IN	MEASURED VOLT	MEASURED POWER		10 HZ RF OSC+	100 HZ RF OSC+	1KHZ RF OSC+
S 1000733	0.02	0.01	0.19	0.03	17.11	-17.13	5.04	-15.01	24.04							3.56	21nV	24nV	123nV	30nV	9.7	1.02	13.07	7.8	1.093	10.07	6.2	1.166	7.04	2.3	1.334	0.03	-3.3	1.576	-9.98		2.159	-59.20	13.45	-89.03	-95.93	-127.43					
S 1000734	0.02	0.01	0.19	0.03	17.10	-17.12	5.05	-14.99	24.05							3.59	11.2nV	16.5nV	20nV	21nV	9.7	1.038	13.04	7.7	1.112	9.99	6.1	1.185	7.00	2.0	1.353	0.00	-3.6	1.594	-10.11		2.167	-59.22	13.42	-89.52	-92.93	-127.33					
S 1000735	0.02	0.01	0.19	0.03	17.10	-17.12	5.06	-15.00	24.05							3.66	11.0nV	15nV	17nV	19nV	9.7	1.029	13.08	7.8	1.103	9.99	6.3	1.172	7.12	2.6	1.345	-0.15	-2.9	1.582	-10.03		2.156	-59.20	13.47	-90.83	-95.93	-127.33					
S 1000736	0.02	0.01	0.19	0.03	17.10	-17.12	5.05	-15.01	24.05							3.61	11nV	16nV	16nV	24nV	9.7	1.021	13.01	7.9	1.094	10.00	6.4	1.167	6.99	3.0	1.335	-0.07	-2.5	1.575	-10.04		2.156	-59.20	13.42	-90.43	-96.62	-127.31					
S 1000737	0.02	0.01	0.19	0.03	17.10	-17.12	5.05	-14.98	24.05							3.60	9nV	18nV	13nV	24nV	9.7	1.033	13.07	7.9	1.106	10.07	6.4	1.179	7.08	2.9	1.353	-0.07	-2.6	1.593	-9.97		2.175	-59.04	13.48	-88.32	-95.22	-126.73					
S 1000738	0.02	0.01	0.19	0.03	17.10	-17.12	5.04	-15.00	24.05							3.63	14nV	16nV	13nV	20nV	9.8	1.037	12.97	8.0	1.108	10.08	6.4	1.185	6.92	3.1	1.352	-0.07	-2.5	1.596	-10.05		2.186	-59.3	13.28	-88.9	-95.93	-127.9					
S 1000739	0.02	0.01	0.19	0.03	17.10	-17.12	5.02	-14.99	24.05							3.56	15nV	15nV	12nV	24nV	9.8	1.040	13.03	7.9	1.112	10.03	6.3	1.187	6.96	2.7	1.353	-0.01	-2.9	1.592	-10.04		2.191	-58.9	13.34	-88.12	-95.328	-127.9					
S 1000740	0.02	0.01	0.19	0.03	17.10	-17.12	5.04	-14.99	24.06							3.56	15nV	17nV	14nV	21nV	9.8	1.040	12.98	7.9	1.114	9.92	6.4	1.186	6.96	2.9	1.356	-0.03	-2.7	1.602	-9.98		2.189	-59.17	13.29	-88.12	-96.54	-123.9					
S 1000741	0.02	0.01	0.19	0.03	17.10	-17.13	5.03	-14.99	24.04							3.58	25nV	32nV	15nV	18nV	9.9	1.022	12.97	7.8	1.094	9.99	6.1	1.168	6.99	1.9	1.336	0.02	-3.7	1.584	-10.11		2.179	-59.20	13.09	-86.92	-95.32	-125.9					
S 1000742	0.02	0.01	0.19	0.03	17.10	-17.12	5.05	-14.99	24.05							3.65	13nV	13nV	13nV	25nV	9.7	1.016	12.98	7.9	1.091	9.97	6.4	1.165	6.97	3.0	1.336	-0.04	-2.5	1.579	-10.00		2.171	-59.35	13.38	-86.24	-96.43	-127.83					