## All Sensitivities / MHzG<sup>-1</sup>

												ΑII	Sen	sitiv	ities	s / M	1Hz(	9-1											
$\tilde{F}=1$ , $m_{\tilde{F}}=1$		2.826	5.816	-0.088	1.564	3.169	4.687	6.045	-1.028	-0.033	1.03	2.132	3.266	4.439	5.694	-1.03	0.648	2.072	3.367	4.556	5.635	6.589	7.369	7.372	1.769	2.468	3.169	3.87	4.573
$\tilde{F}=1$ , $m_{\tilde{F}}=0$	2.826		2.99	-2.915	-1.262	0.342	1.86	3.219	-3.855	-2.859	-1.796	-0.694	0.439	1.613	2.867	-3.857	-2.179	-0.755	0.541	1.729	2.809	3.762	4.543	4.545	-1.058	-0.358	0.342	1.044	1.746
$\tilde{F}=1$ , $m_{\tilde{F}}=-1$	5.816	2.99		-5.905	-4.252	-2.648	-1.129	0.229	-6.844	-5.849	-4.786	-3.684	-2.55	-1.377	-0.122	-6.847	-5.168	-3.744	-2.449	-1.261	-0.181	0.773	1.553	1.556	-4.047	-3.348	-2.648	-1.946	-1.243
$\tilde{F} = 2$ , $m_{\tilde{F}} = 2$	-0.088	-2.915	-5.905		1.653	3.257	4.775	6.134	-0.94	0.056	1.119	2.221	3.354	4.528	5.782	-0.942	0.736	2.16	3.456	4.644	5.723	6.677	7.458	7.46	1.857	2.557	3.257	3.959	4.661
$\tilde{F}=2$ , $m_{\tilde{F}}=1$	1.564	-1.262	-4.252	1.653		1.604	3.122	4.481	-2.593	-1.597	-0.534	0.568	1.701	2.875	4.129	-2.595	-0.917	0.507	1.803	2.991	4.071	5.024	5.805	5.808	0.204	0.904	1.604	2.306	3.008
$\tilde{F}=2$ , $m_{\tilde{F}}=0$	3.169	0.342	-2.648	3.257	1.604		1.518	2.877	-4.197	-3.201	-2.138	-1.036	0.097	1.271	2.525	-4.199	-2.521	-1.097	0.199	1.387	2.466	3.42	4.201	4.203	-1.4	-0.7	0.0	0.702	1.404
$\tilde{F}=2$ , $m_{\tilde{F}}=-1$	4.687	1.86	-1.129	4.775	3.122	1.518		1.359	-5.715	-4.72	-3.656	-2.555	-1.421	-0.247	1.007	-5.717	-4.039	-2.615	-1.319	-0.131	0.948	1.902	2.683	2.685	-2.918	-2.218	-1.518	-0.817	-0.114
$\tilde{F}=2$ , $m_{\tilde{F}}=-2$	6.045	3.219	0.229	6.134	4.481	2.877	1.359		-7.074	-6.078	-5.015	-3.913	-2.78	-1.606	-0.352	-7.076	-5.398	-3.974	-2.678	-1.49	-0.41	0.543	1.324	1.326	-4.277	-3.577	-2.877	-2.175	-1.473
$\tilde{F} = 3$ , $m_{\tilde{F}} = 3$	-1.028	-3.855	-6.844	-0.94	-2.593	-4.197	-5.715	-7.074		0.995	2.058	3.16	4.294	5.468	6.722	-0.002	1.676	3.1	4.396	5.584	6.663	7.617	8.397	8.4	2.797	3.496	4.197	4.898	5.601
$\tilde{F} = 3$ , $m_{\tilde{F}} = 2^{-1}$	-0.033	-2.859	-5.849	0.056	-1.597	-3.201	-4.72	-6.078	0.995		1.063	2.165	3.299	4.472	5.727	-0.998	0.681	2.105	3.4	4.588	5.668	6.622	7.402	7.405	1.802	2.501	3.201	3.903	4.606
$\tilde{F}=3$ , $m_{\tilde{F}}=1$												1.102	2.236	3.409	4.664	-2.061	-0.382	1.042	2.337	3.525	4.605	5.559	6.339	6.342	0.739	1.438	2.138	2.84	3.542
$\tilde{F} = 3$ , $m_{\tilde{F}} = 0$	2.132	-0.694	-3.684	2.221	0.568	-1.036	-2.555	-3.913	3.16	2.165	1.102		1.134	2.307	3.562	-3.163	-1.484	-0.06	1.235	2.423	3.503	4.457	5.237	5.24	-0.363	0.336	1.036	1.738	2.44
$\tilde{F}=3$ , $m_{\tilde{F}}=-1$														1.174	2.428	-4.296	-2.618	-1.194	0.102	1.29	2.369	3.323	4.104	4.106	-1.497	-0.798	-0.097	0.604	1.307
$\tilde{F}=3$ , $m_{\tilde{F}}=-2$	4.439	1.613	-1.377	4.528	2.875	1.271	-0.247	-1.606	5.468	4.472	3.409	2.307	1.174		1.254	-5.47	-3.792	-2.368	-1.072	0.116	1.196	2.149	2.93	2.933	-2.671	-1.971	-1.271	-0.569	0.133
$\tilde{F}=3$ , $m_{\tilde{F}}=-3$	5.694	2.867	-0.122	5.782	4.129	2.525	1.007	-0.352	6.722	5.727	4.664	3.562	2.428	1.254		-6.724	-5.046	-3.622	-2.326	-1.138	-0.059	0.895	1.676	1.678	-3.925	-3.226	-2.525	-1.824	-1.121
$\tilde{F}=4$ , $m_{\tilde{F}}=4$					-2.595												1.678	3.102	4.398	5.586	6.666	7.619	8.4	8.402	2.799	3.499	4.199	4.901	5.603
$\tilde{F} = 4$ , $m_{\tilde{F}} = 3$																		1.424	2.72	3.908	4.987	5.941	6.722	6.724	1.121	1.82	2.521	3.222	3.925
$\tilde{F}=4$ , $m_{\tilde{F}}=2$	2.072	-0.755	-3.744	2.16	0.507	-1.097	-2.615	-3.974	3.1	2.105	1.042	-0.06	-1.194	-2.368	-3.622	3.102	1.424		1.296	2.484	3.563	4.517	5.298	5.3	-0.303	0.396	1.097	1.798	2.501
$\tilde{F}=4$ , $m_{\tilde{F}}=1$					1.803															1.188	2.268	3.221	4.002	4.004	-1.599	-0.899	-0.199	0.503	1.205
$\tilde{F}=4$ , $m_{\tilde{F}}=0$																					1.079	2.033	2.814	2.816	-2.787	-2.087	-1.387	-0.685	0.017
$\tilde{F}=4$ , $m_{\tilde{F}}=-1$																						0.954	1.734	1.737	-3.866	-3.167	-2.466	-1.765	-1.062
$\tilde{F}=4$ , $m_{\tilde{F}}=-2$																							0.781	0.783	-4.82	-4.121	-3.42	-2.719	-2.016
$\tilde{F}=4$ , $m_{\tilde{F}}=-3$																								0.003	-5.601	-4.901	-4.201	-3.499	-2.797
$\tilde{F}=4$ , $m_{\tilde{F}}=-4$	7.372	4.545	1.556	7.46	5.808	4.203	2.685	1.326	8.4	7.405	6.342	5.24	4.106	2.933	1.678	8.402	6.724	5.3	4.004	2.816	1.737	0.783	0.003		-5.603	-4.904	-4.203	-3.502	-2.799
$F = 2$ , $m_F = 2$	1.769	-1.058	-4.047	1.857	0.204	-1.4	-2.918	-4.277	2.797	1.802	0.739	-0.363	-1.497	-2.671	-3.925	2.799	1.121	-0.303	-1.599	-2.787	-3.866	-4.82	-5.601	-5.603		0.699	1.4	2.101	2.804
$F = 2$ , $m_F = 1$	2.468	-0.358	-3.348	2.557	0.904	-0.7	-2.218	-3.577	3.496	2.501	1.438	0.336	-0.798	-1.971	-3.226	3.499	1.82	0.396	-0.899	-2.087	-3.167	-4.121	-4.901	-4.904	0.699		0.7	1.402	2.104
$F = 2$ , $m_F = 0$	3.169	0.342	-2.648	3.257	1.604	0.0	-1.518	-2.877	4.197	3.201	2.138	1.036	-0.097	-1.271	-2.525	4.199	2.521	1.097	-0.199	-1.387	-2.466	-3.42	-4.201	-4.203	1.4	0.7		0.701	1.404
• •					2.306																			-3.502	2.101	1.402	0.701		0.703
$F = 2$ , $m_F = -2$	4.573	1.746	-1.243	4.661	3.008	1.404	-0.114	-1.473	5.601	4.606	3.542	2.44	1.307	0.133	-1.121	5.603	3.925	2.501	1.205	0.017	-1.062	-2.016	-2.797	-2.799	2.804	2.104	1.404	0.703	
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