

Sheet1

LM 7001 settings for FM receiver

Channel step	50	Khz	R1=0 R2=1
Receiver Frequency	Oscillator	Divider	Dip switch settings
87.50	98.20	1964	011110101100
87.55	98.25	1965	011110101101
87.60	98.30	1966	011110101110
87.65	98.35	1967	011110101111
87.70	98.40	1968	011110110000
87.75	98.45	1969	011110110001
87.80	98.50	1970	011110110010
87.85	98.55	1971	011110110011
87.90	98.60	1972	011110110100
87.95	98.65	1973	011110110101
88.00	98.70	1974	011110110110
88.05	98.75	1975	011110110111
88.10	98.80	1976	011110111000
88.15	98.85	1977	011110111001
88.20	98.90	1978	011110111010
88.25	98.95	1979	011110111011
88.30	99.00	1980	011110111100
88.35	99.05	1981	011110111101
88.40	99.10	1982	011110111110
88.45	99.15	1983	011110111111
88.50	99.20	1984	011111000000
88.55	99.25	1985	011111000001
88.60	99.30	1986	011111000010
88.65	99.35	1987	011111000011
88.70	99.40	1988	011111000100
88.75	99.45	1989	011111000101
88.80	99.50	1990	011111000110
88.85	99.55	1991	011111000111
88.90	99.60	1992	011111001000
88.95	99.65	1993	011111001001
89.00	99.70	1994	011111001010
89.05	99.75	1995	011111001011
89.10	99.80	1996	011111001100
89.15	99.85	1997	011111001101
89.20	99.90	1998	011111001110
89.25	99.95	1999	011111001111
89.30	100.00	2000	011111010000
89.35	100.05	2001	011111010001
89.40	100.10	2002	011111010010
89.45	100.15	2003	011111010011
89.50	100.20	2004	011111010100
89.55	100.25	2005	011111010101
89.60	100.30	2006	011111010110
89.65	100.35	2007	011111010111
89.70	100.40	2008	011111011000
89.75	100.45	2009	011111011001

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89.80	100.50	2010	011111011010
89.85	100.55	2011	011111011011
89.90	100.60	2012	011111011100
89.95	100.65	2013	011111011101
90.00	100.70	2014	011111011110
90.05	100.75	2015	011111011111
90.10	100.80	2016	011111100000
90.15	100.85	2017	011111100001
90.20	100.90	2018	011111100010
90.25	100.95	2019	011111100011
90.30	101.00	2020	011111100100
90.35	101.05	2021	011111100101
90.40	101.10	2022	011111100110
90.45	101.15	2023	011111100111
90.50	101.20	2024	011111101000
90.55	101.25	2025	011111101001
90.60	101.30	2026	011111101010
90.65	101.35	2027	011111101011
90.70	101.40	2028	011111101100
90.75	101.45	2029	011111101101
90.80	101.50	2030	011111101110
90.85	101.55	2031	011111101111
90.90	101.60	2032	011111110000
90.95	101.65	2033	011111110001
91.00	101.70	2034	011111110010
91.05	101.75	2035	011111110011
91.10	101.80	2036	011111110100
91.15	101.85	2037	011111110101
91.20	101.90	2038	011111110110
91.25	101.95	2039	011111110111
91.30	102.00	2040	011111111000
91.35	102.05	2041	011111111001
91.40	102.10	2042	011111111010
91.45	102.15	2043	011111111011
91.50	102.20	2044	011111111100
91.55	102.25	2045	011111111101
91.60	102.30	2046	011111111110
91.65	102.35	2047	011111111111
91.70	102.40	2048	100000000000
91.75	102.45	2049	100000000001
91.80	102.50	2050	100000000010
91.85	102.55	2051	100000000011
91.90	102.60	2052	100000000100
91.95	102.65	2053	100000000101
92.00	102.70	2054	100000000110
92.05	102.75	2055	100000000111
92.10	102.80	2056	100000001000
92.15	102.85	2057	100000001001
92.20	102.90	2058	100000001010

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92.25	102.95	2059	100000001011
92.30	103.00	2060	100000001100
92.35	103.05	2061	100000001101
92.40	103.10	2062	100000001110
92.45	103.15	2063	100000001111
92.50	103.20	2064	100000010000
92.55	103.25	2065	100000010001
92.60	103.30	2066	100000010010
92.65	103.35	2067	100000010011
92.70	103.40	2068	100000010100
92.75	103.45	2069	100000010101
92.80	103.50	2070	100000010110
92.85	103.55	2071	100000010111
92.90	103.60	2072	100000011000
92.95	103.65	2073	100000011001
93.00	103.70	2074	100000011010
93.05	103.75	2075	100000011011
93.10	103.80	2076	100000011100
93.15	103.85	2077	100000011101
93.20	103.90	2078	100000011110
93.25	103.95	2079	100000011111
93.30	104.00	2080	100000100000
93.35	104.05	2081	100000100001
93.40	104.10	2082	100000100010
93.45	104.15	2083	100000100011
93.50	104.20	2084	100000100100
93.55	104.25	2085	100000100101
93.60	104.30	2086	100000100110
93.65	104.35	2087	100000100111
93.70	104.40	2088	100000101000
93.75	104.45	2089	100000101001
93.80	104.50	2090	100000101010
93.85	104.55	2091	100000101011
93.90	104.60	2092	100000101100
93.95	104.65	2093	100000101101
94.00	104.70	2094	100000101110
94.05	104.75	2095	100000101111
94.10	104.80	2096	100000110000
94.15	104.85	2097	100000110000
94.20	104.90	2098	100000110001
94.25	104.95	2099	100000110010
94.30	105.00	2100	100000110100
94.35	105.05	2101	100000110100
94.40	105.10	2102	100000110101
94.45	105.15	2103	100000110110
94.50	105.20	2104	100000110111
94.55	105.25	2105	100000111000
94.60	105.30	2106	100000111001
94.65	105.35	2107	100000111010

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94.70	105.40	2108	100000111011
94.75	105.45	2109	100000111100
94.80	105.50	2110	100000111101
94.85	105.55	2111	100000111110
94.90	105.60	2112	100000111111
94.95	105.65	2113	100001000000
95.00	105.70	2114	100001000001
95.05	105.75	2115	100001000010
95.10	105.80	2116	100001000011
95.15	105.85	2117	100001000100
95.20	105.90	2118	100001000101
95.25	105.95	2119	100001000110
95.30	106.00	2120	100001000111
95.35	106.05	2121	100001001000
95.40	106.10	2122	100001001001
95.45	106.15	2123	100001001010
95.50	106.20	2124	100001001011
95.55	106.25	2125	100001001100
95.60	106.30	2126	100001001101
95.65	106.35	2127	100001001110
95.70	106.40	2128	100001001111
95.75	106.45	2129	100001010000
95.80	106.50	2130	100001010001
95.85	106.55	2131	100001010010
95.90	106.60	2132	100001010011
95.95	106.65	2133	100001010100
96.00	106.70	2134	100001010101
96.05	106.75	2135	100001010110
96.10	106.80	2136	100001010111
96.15	106.85	2137	100001011000
96.20	106.90	2138	100001011001
96.25	106.95	2139	100001011010
96.30	107.00	2140	100001011011
96.35	107.05	2141	100001011100
96.40	107.10	2142	100001011101
96.45	107.15	2143	100001011110
96.50	107.20	2144	100001011111
96.55	107.25	2145	100001100000
96.60	107.30	2146	100001100001
96.65	107.35	2147	100001100010
96.70	107.40	2148	100001100011
96.75	107.45	2149	100001100100
96.80	107.50	2150	100001100101
96.85	107.55	2151	100001100110
96.90	107.60	2152	100001100111
96.95	107.65	2153	100001101000
97.00	107.70	2154	100001101001
97.05	107.75	2155	100001101010
97.10	107.80	2156	100001101011

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97.15	107.85	2157	100001101100
97.20	107.90	2158	100001101101
97.25	107.95	2159	100001101110
97.30	108.00	2160	100001101111
97.35	108.05	2161	100001110000
97.40	108.10	2162	100001110001
97.45	108.15	2163	100001110010
97.50	108.20	2164	100001110011
97.55	108.25	2165	100001110100
97.60	108.30	2166	100001110101
97.65	108.35	2167	100001110110
97.70	108.40	2168	100001110111
97.75	108.45	2169	100001111000
97.80	108.50	2170	100001111001
97.85	108.55	2171	100001111010
97.90	108.60	2172	100001111011
97.95	108.65	2173	100001111100
98.00	108.70	2174	100001111101
98.05	108.75	2175	100001111110
98.10	108.80	2176	100001111111
98.15	108.85	2177	100010000000
98.20	108.90	2178	100010000001
98.25	108.95	2179	100010000010
98.30	109.00	2180	100010000011
98.35	109.05	2181	100010000100
98.40	109.10	2182	100010000101
98.45	109.15	2183	100010000110
98.50	109.20	2184	100010000111
98.55	109.25	2185	100010001000
98.60	109.30	2186	100010001001
98.65	109.35	2187	100010001010
98.70	109.40	2188	100010001011
98.75	109.45	2189	100010001100
98.80	109.50	2190	100010001101
98.85	109.55	2191	100010001110
98.90	109.60	2192	100010001111
98.95	109.65	2193	100010010000
99.00	109.70	2194	100010010001
99.05	109.75	2195	100010010010
99.10	109.80	2196	100010010011
99.15	109.85	2197	100010010100
99.20	109.90	2198	100010010101
99.25	109.95	2199	100010010110
99.30	110.00	2200	100010010111
99.35	110.05	2201	100010011000
99.40	110.10	2202	100010011001
99.45	110.15	2203	100010011010
99.50	110.20	2204	100010011011
99.55	110.25	2205	100010011100

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99.60	110.30	2206	100010011101
99.65	110.35	2207	100010011110
99.70	110.40	2208	100010011111
99.75	110.45	2209	100010100000
99.80	110.50	2210	100010100001
99.85	110.55	2211	100010100010
99.90	110.60	2212	100010100011
99.95	110.65	2213	100010100100
100.00	110.70	2214	100010100101
100.05	110.75	2215	100010100110
100.10	110.80	2216	100010100111
100.15	110.85	2217	100010101000
100.20	110.90	2218	100010101001
100.25	110.95	2219	100010101010
100.30	111.00	2220	100010101011
100.35	111.05	2221	100010101100
100.40	111.10	2222	100010101101
100.45	111.15	2223	100010101110
100.50	111.20	2224	100010101111
100.55	111.25	2225	100010110000
100.60	111.30	2226	100010110001
100.65	111.35	2227	100010110010
100.70	111.40	2228	100010110011
100.75	111.45	2229	100010110100
100.80	111.50	2230	100010110101
100.85	111.55	2231	100010110110
100.90	111.60	2232	100010110111
100.95	111.65	2233	100010111000
101.00	111.70	2234	100010111001
101.05	111.75	2235	100010111010
101.10	111.80	2236	100010111011
101.15	111.85	2237	100010111100
101.20	111.90	2238	100010111101
101.25	111.95	2239	100010111110
101.30	112.00	2240	100010111111
101.35	112.05	2241	100011000000
101.40	112.10	2242	100011000001
101.45	112.15	2243	100011000010
101.50	112.20	2244	100011000011
101.55	112.25	2245	100011000100
101.60	112.30	2246	100011000101
101.65	112.35	2247	100011000110
101.70	112.40	2248	100011000111
101.75	112.45	2249	100011001000
101.80	112.50	2250	100011001001
101.85	112.55	2251	100011001010
101.90	112.60	2252	100011001011
101.95	112.65	2253	100011001100
102.00	112.70	2254	100011001101

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102.05	112.75	2255	100011001110
102.10	112.80	2256	100011001111
102.15	112.85	2257	100011010000
102.20	112.90	2258	100011010001
102.25	112.95	2259	100011010010
102.30	113.00	2260	100011010011
102.35	113.05	2261	100011010100
102.40	113.10	2262	100011010101
102.45	113.15	2263	100011010110
102.50	113.20	2264	100011010111
102.55	113.25	2265	100011011000
102.60	113.30	2266	100011011001
102.65	113.35	2267	100011011010
102.70	113.40	2268	100011011011
102.75	113.45	2269	100011011100
102.80	113.50	2270	100011011101
102.85	113.55	2271	100011011110
102.90	113.60	2272	100011011111
102.95	113.65	2273	100011100000
103.00	113.70	2274	100011100001
103.05	113.75	2275	100011100010
103.10	113.80	2276	100011100011
103.15	113.85	2277	100011100100
103.20	113.90	2278	100011100101
103.25	113.95	2279	100011100110
103.30	114.00	2280	100011100111
103.35	114.05	2281	100011101000
103.40	114.10	2282	100011101001
103.45	114.15	2283	100011101010
103.50	114.20	2284	100011101011
103.55	114.25	2285	100011101100
103.60	114.30	2286	100011101101
103.65	114.35	2287	100011101110
103.70	114.40	2288	100011101111
103.75	114.45	2289	100011110000
103.80	114.50	2290	100011110001
103.85	114.55	2291	100011110010
103.90	114.60	2292	100011110011
103.95	114.65	2293	100011110100
104.00	114.70	2294	100011110101
104.05	114.75	2295	100011110110
104.10	114.80	2296	100011110111
104.15	114.85	2297	100011111000
104.20	114.90	2298	100011111001
104.25	114.95	2299	100011111010
104.30	115.00	2300	100011111011
104.35	115.05	2301	100011111100
104.40	115.10	2302	100011111101
104.45	115.15	2303	100011111110

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104.50	115.20	2304	100011111111
104.55	115.25	2305	100100000000
104.60	115.30	2306	100100000001
104.65	115.35	2307	100100000010
104.70	115.40	2308	100100000011
104.75	115.45	2309	100100000100
104.80	115.50	2310	100100000101
104.85	115.55	2311	100100000110
104.90	115.60	2312	100100000111
104.95	115.65	2313	100100001000
105.00	115.70	2314	100100001001
105.05	115.75	2315	100100001010
105.10	115.80	2316	100100001011
105.15	115.85	2317	100100001100
105.20	115.90	2318	100100001101
105.25	115.95	2319	100100001110
105.30	116.00	2320	100100001111
105.35	116.05	2321	100100010000
105.40	116.10	2322	100100010001
105.45	116.15	2323	100100010010
105.50	116.20	2324	100100010011
105.55	116.25	2325	100100010100
105.60	116.30	2326	100100010101
105.65	116.35	2327	100100010110
105.70	116.40	2328	100100010111
105.75	116.45	2329	100100011000
105.80	116.50	2330	100100011001
105.85	116.55	2331	100100011010
105.90	116.60	2332	100100011011
105.95	116.65	2333	100100011100
106.00	116.70	2334	100100011101
106.05	116.75	2335	100100011110
106.10	116.80	2336	100100011111
106.15	116.85	2337	100100100000
106.20	116.90	2338	100100100001
106.25	116.95	2339	100100100010
106.30	117.00	2340	100100100011
106.35	117.05	2341	100100100100
106.40	117.10	2342	100100100101
106.45	117.15	2343	100100100110
106.50	117.20	2344	100100100111
106.55	117.25	2345	100100101000
106.60	117.30	2346	100100101001
106.65	117.35	2347	100100101010
106.70	117.40	2348	100100101011
106.75	117.45	2349	100100101100
106.80	117.50	2350	100100101101
106.85	117.55	2351	100100101110
106.90	117.60	2352	100100101111

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106.95	117.65	2353	100100110000
107.00	117.70	2354	100100110001
107.05	117.75	2355	100100110010
107.10	117.80	2356	100100110011
107.15	117.85	2357	100100110100
107.20	117.90	2358	100100110101
107.25	117.95	2359	100100110110
107.30	118.00	2360	100100110111
107.35	118.05	2361	100100111000
107.40	118.10	2362	100100111001
107.45	118.15	2363	100100111010
107.50	118.20	2364	100100111011
107.55	118.25	2365	100100111100
107.60	118.30	2366	100100111101
107.65	118.35	2367	100100111110
107.70	118.40	2368	100100111111
107.75	118.45	2369	100101000000
107.80	118.50	2370	100101000001
107.85	118.55	2371	100101000010
107.90	118.60	2372	100101000011
107.95	118.65	2373	100101000100
108.00	118.70	2374	100101000101