

144mhz 20khz FM spacing

Weak Signal
 CW/SSB
 144.0-144.3

144.31	local packet
144.33	local packet
144.35	LILACSAT 2
144.37	local packet
144.39	APRS
144.41	local packet
144.43	local packet
144.45	local packet
144.47	local packet
144.49	local packet
144.51	repeater input
144.53	repeater input
144.55	repeater input
144.57	repeater input
144.59	repeater input
144.61	repeater input
144.63	repeater input
144.65	repeater input
144.67	repeater input
144.69	repeater input
144.71	repeater input
144.73	repeater input
144.75	repeater input
144.77	repeater input
144.79	repeater input
144.81	repeater input
144.83	repeater input
144.85	repeater input
144.87	repeater input
144.89	repeater input
144.91	local packet
144.93	local packet
144.95	local packet
144.97	local packet
144.99	local packet

145mhz 20khz FM spacing

145.01	ARES packet
145.03	ARES packet
145.05	ARES packet
145.07	ARES packet
145.09	ARES packet
145.11	repeater output
145.13	repeater output
145.15	repeater output
145.17	repeater output
145.19	repeater output
145.21	repeater output
145.23	repeater output
145.25	repeater output
145.27	repeater output
145.29	repeater output
145.31	repeater output
145.33	repeater output
145.35	repeater output
145.37	repeater output
145.39	repeater output
145.41	repeater output
145.43	repeater output
145.45	repeater output
145.47	repeater output
145.49	repeater output
145.51	unspecified simplex
145.53	unspecified simplex
145.55	unspecified simplex
145.57	unspecified simplex
145.59	unspecified simplex
145.61	unspecified simplex
145.63	unspecified simplex
145.65	unspecified simplex
145.67	unspecified simplex
145.69	unspecified simplex
145.71	local packet
145.73	local packet
145.75	local packet
145.77	local packet
145.79	ISS guard band

Satellite Sub-band
 145.8-146.0

146mhz 15khz FM spacing

146.010	repeater input
146.025	repeater input
146.040	repeater input
146.055	repeater input
146.070	repeater input
146.085	repeater input
146.100	repeater input
146.115	repeater input
146.130	repeater input
146.145	repeater input
146.160	repeater input
146.175	repeater input
146.190	repeater input
146.205	repeater input
146.220	repeater input
146.235	repeater input
146.250	repeater input
146.265	repeater input
146.280	repeater input
146.295	repeater input
146.310	repeater input
146.325	repeater input
146.340	repeater input
146.355	repeater input
146.370	repeater input
146.385	repeater input
146.400	repeater input
146.415	unspecified simplex
146.430	unspecified simplex
146.445	unspecified simplex
146.460	unspecified simplex
146.475	unspecified simplex
146.490	unspecified simplex
146.505	unspecified simplex
146.520	FM calling
146.535	unspecified simplex
146.550	common simplex
146.565	unspecified simplex
146.580	common simplex
146.595	unspecified simplex
146.610	repeater output
146.625	repeater output
146.640	repeater output
146.655	repeater output
146.670	repeater output
146.685	repeater output
146.700	repeater output
146.715	repeater output
146.730	repeater output
146.745	repeater output
146.760	repeater output
146.775	repeater output
146.790	repeater output
146.805	repeater output
146.820	repeater output
146.835	repeater output
146.850	repeater output
146.865	repeater output
146.880	repeater output
146.895	repeater output
146.910	repeater output
146.925	repeater output
146.940	repeater output
146.955	repeater output
146.970	repeater output
146.985	repeater output

147mhz 15khz FM spacing

147.000	repeater output
147.015	repeater output
147.030	repeater output
147.045	repeater output
147.060	repeater output
147.075	repeater output
147.090	repeater output
147.105	repeater output
147.120	repeater output
147.135	repeater output
147.150	repeater output
147.165	repeater output
147.180	repeater output
147.195	repeater output
147.210	repeater output
147.225	repeater output
147.240	repeater output
147.255	repeater output
147.270	repeater output
147.285	repeater output
147.300	repeater output
147.315	repeater output
147.330	repeater output
147.345	repeater output
147.360	repeater output
147.375	repeater output
147.390	repeater output
147.405	unspecified simplex
147.420	RED CROSS/RARS
147.435	unspecified simplex
147.450	unspecified simplex
147.465	unspecified simplex
147.480	unspecified simplex
147.495	unspecified simplex
147.510	unspecified simplex
147.525	local packet
147.540	unspecified simplex
147.555	local packet
147.570	unspecified simplex
147.585	local packet
147.600	repeater input
147.615	repeater input
147.630	repeater input
147.645	repeater input
147.660	repeater input
147.675	repeater input
147.690	repeater input
147.705	repeater input
147.720	repeater input
147.735	repeater input
147.750	repeater input
147.765	repeater input
147.780	repeater input
147.795	repeater input
147.810	repeater input
147.825	repeater input
147.840	repeater input
147.855	repeater input
147.870	repeater input
147.885	repeater input
147.900	repeater input
147.915	repeater input
147.930	repeater input
147.945	repeater input
147.960	repeater input
147.975	repeater input
147.990	repeater input

Reserved

Specifically for FM Simplex

Available generic simplex channel

TARPN local packet use (i.e. short range)

APRS packet Internet gateways

Repeater Inputs

Repeater Outputs

KA2DEW's understanding of 2m spectrum usage. This is from a central NC perspective

This not an attempt to manifest any changes any place, except maybe to let other hams be aware of what the Central North Carolina TARPN is doing.

Note that the spectral usage of a TARPN does not increase with network size or density. It will increase if the quality and range of the sites goes up.

The Central NC TARPN uses 6m, 2m, 220, 440, and 920mhz. 440 is preferred because of the quantity of available frequencies. 2m is preferred because the house to house range is better.

20 TARPN packet channels

3 standard + 29 unspecified simplex

147 channels for standard repeater pairs