

**FREQUENCY/CAPACITOR VALUE CHART
FOR J-316 & J-317 UP-CONVERTER**

COIL NO.	CAPACITOR NO.	88.1-94.7 LOW	94.9-100.7 MED	100.9-107.9 HIGH
	C1	100pf	91pf	75pf
	C2	33pf	33pf	24pf
T5	C4	47pf (43pf)	47pf (43pf)	36pf (33pf)
(T2)	C8(bottom)	33pf (47pf)	27pf (43pf)	36pf
(T2)	C13(top)	18pf (27pf)	15pf (22pf)	12pf (18pf)
	C18	24pf (27pf)	20pf (24pf)	12pf (20pf)
	C20	15pf (18pf)	12pf (15pf)	12pf
	C26	22pf	20pf	15pf
	(C62)	(30pf)	(27pf)	(18pf)
T4	C78	27pf	22pf	18pf
75Ohm only	C87	43pf	47pf	51pf
	88.1-93.9	94.1-98.9	99.1-103.9	104.1-107.9
(C29)	(20p)	(18pf)	(15pf)	(12pf)

() are for 10w upconverters with single transistor finals

**FREQUENCY CAPACITOR/VALUE CHART
FOR J-316 J-317 DOWN-CONVERTERS**

COIL NO.	CAPACITOR NO.	88.1-97.9 LOW	98.1-107.9 HIGH
T1	C1	27pf	22pf
T1	C2	27pf	22pf
T2	C9	27pf	22pf
T2	C10	27pf	22pf
	C11	91pf (or 100pf)	75pf (or 91pf)
	C13	27pf	22pf

Tepeco Corporation
Rapid City, South Dakota

FREQUENCY CHART

LOW UPCONV			MED UPCONV			HIGH UPCONV		
201	88.1	38.7	235	94.9	42.1	267	101.3	45.3
202	88.3	38.8	236	95.1	42.2	268	101.5	45.4
203	88.5	38.9	237	95.3	42.3	269	101.7	45.5
204	88.7	39.0	238	95.5	42.4	270	101.9	45.6
205	88.9	39.1	239	95.7	42.5	271	102.1	45.7
206	89.1	39.2	240	95.9	42.6	272	102.3	45.8
207	89.3	39.3	241	96.1	42.7	273	102.5	45.9
208	89.5	39.4	242	96.3	42.8	274	102.7	46.0
209	89.7	39.5	243	96.5	42.9	275	102.9	46.1
210	89.9	39.6	244	96.7	43.0	276	103.1	46.2
211	90.1	39.7	245	96.9	43.1	277	103.3	46.3
212	90.3	39.8	246	97.1	43.2	278	103.5	46.4
213	90.5	39.9	247	97.3	43.3	279	103.7	46.5
214	90.7	40.0	248	97.5	43.4	280	103.9	46.6
215	90.9	40.1	249	97.7	43.5	281	104.1	46.7
216	91.1	40.2	250	97.9	43.6	282	104.3	46.8
217	91.3	40.3	LOW DOWNCONV			283	104.5	46.9
218	91.5	40.4	HIGH DOWNCONV			284	104.7	47.0
219	91.7	40.5	251	98.1	43.7	285	104.9	47.1
220	91.9	40.6	252	98.3	43.8	286	105.1	47.2
221	92.1	40.7	253	98.5	43.9	287	105.3	47.3
222	92.3	40.8	254	98.7	44.0	288	105.5	47.4
223	92.5	40.9	255	98.9	44.1	289	105.7	47.5
224	92.7	41.0	256	99.1	44.2	290	105.9	47.6
225	92.9	41.1	257	99.3	44.3	291	106.1	47.7
226	93.1	41.2	258	99.5	44.4	292	106.3	47.8
227	93.3	41.3	259	99.7	44.5	293	106.5	47.9
228	93.5	41.4	260	99.9	44.6	294	106.7	48.0
229	93.7	41.5	261	100.1	44.7	295	106.9	48.1
230	93.9	41.6	262	100.3	44.8	296	107.1	48.2
231	94.1	41.7	263	100.5	44.9	297	107.3	48.3
232	94.3	41.8	264	100.7	45.0	298	107.5	48.4
233	94.5	41.9	265	100.9	45.1	299	107.7	48.5
234	94.7	42.0	266	101.1	45.2	300	107.9	48.6

SIGNAL IN MHZ - 10.7

CRYSTAL. FREQ. IN MHZ =