

**TAIT T500**

**2**

**METER**

**CONVERSION  
INSTRUCTIONS**

**FROM G0WVQ**

**QTHR ON QRZ.COM**

### **Test Equipment needed for the conversion**

1. Multimeter (e.g. Analogue)
2. DC electronic voltmeter (e.g. Digital)
3. RF Power meter 30 watts FSD usable to 100mhz with 5 and 30 watt elements
4. Power supply output adjustable between 9 and 16 volts DC and with a capacity of at least 5 amps
5. VHF Signal generator Good quality FM Usable from 0.1 $\mu$ f (-127dbm) to 200mV (0dbm) pd
6. Frequency counter accurate to within 2ppm.
7. Dummy load capable to at least 100 watts

## TAIT T500 RADIO

First thing to do is put the radio on to the bench and look around to the bottom of the radio and see the two recessed screws in the bottom of the set with the radio microphone nearest to you you will see the screws about half an inch from the front panel, these can now be removed from the radio these should be pozidriv and about 1/4 of an inch in length, once these are removed ease the bottom of the radio at the front up slowly tilting it backwards as the back will still be secure to the set in some groove set in to the heat sink at the rear of the radio, now slide The bottom panel slowly forward and you should be left with 2 wires still connected to the board Yellow and Black going to the Speaker remove these very carefully remembering were they go. If the radio has a CTCSS board in it you will see this to then left of the radio. Undo the screw holding this and ease the CTCSS board up with your fingers and put on the bench as you will not need this board for this conversion. To the front right of the set you will see a small board with lots of diodes on it and you will now have to remove this board and looking at the truth charts decide with frequencies you wish to put on your radio you will see that these are labelled (N9 8 7 6 5 4 3 2 1 0 A5 4 3 2 1 0) if you look at the truth chart you will see how to program these lines. Once you have chosen the frequency's that you require and programmed the n code the next step is to set the VCO and this can be done very ease as well what you will need for this is your power supply and volt meter and dummy load and power meter. When operating the Tait on frequencies below 150MHz, connect C204 (2p7) in circuit by shorting the pads of LK-1

### RX Alignment

1. Connect power supply the radio making sure of the polarity before turning on.
2. Connect the power meter and dummy load to the RF out put of the radio
3. Now connect you Volt meter to TP2 centre pin and check for 4-volts this is situated about 1/4 on inch behind this diode board you have just put back in to the radio.
4. You can now a just CV208 for RX 4 volts and this is the left one of the two capacitors in the metal can just behind the test point and is marked RX and TX a just the RX first and then go in to tx mode by depressing the PTT and a just CV210 for 4 volts as well,you will fine that power has come up very well to probably about 20-25 watts already.
5. You can now check your tx freq and a just L30 which is situated to the front of the radio under the diode board and can be adjusted through the small gap. Once the desired freq is achieved you can now move on to the RX side of the project.

### RX Alignment

With RX side you will now have to disconnect the power meter and dummy load and connect a signal generator to the out put and set this for about 200mV and adjust L19 L15 L13 L12 L10 reducing the sig gen as you hear the signal increase until you have reduce it to about 0.1mV. You will need to go through this process several times until the desired sensitivity is acquired and you're happy.

Setting the deviation is not a problem as this can be done by adjusting RV79 to the left of the radio a 1/3 of the way down.

One last thing I have not mentioned is there is a 90sec time out if you are like me and like to waffle I this might be a good idea to leave this in place if you do wish to remove it then give me a call and I will let you know how to do this.

**Happy conversions from G0WFQ Malcolm**

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2 Meter TX																
Freq	N9 128	N8 64	N7 32	N6 16	N5 8	N4 4	N3 2	N2 1	N1 500	N0 250	A5 200	A4 100	A3 50	A2 25	A1 12.5	A0 6.25
144.000	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
144.0125	0	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1
144.025	0	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1
144.0375	0	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1
144.050	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
144.0625	0	1	1	0	1	1	1	1	1	1	1	1	0	1	0	1
144.075	0	1	1	0	1	1	1	1	1	1	1	1	0	0	1	1
144.0875	0	1	1	0	1	1	1	1	1	1	1	1	0	0	0	1
144.100	0	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1
144.1125	0	1	1	0	1	1	1	1	1	1	1	0	1	1	0	1
144.125	0	1	1	0	1	1	1	1	1	1	1	0	1	0	1	1
144.1375	0	1	1	0	1	1	1	1	1	1	1	0	1	0	0	1
144.150	0	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1
144.1625	0	1	1	0	1	1	1	1	1	1	1	0	0	1	0	1
144.175	0	1	1	0	1	1	1	1	1	1	1	0	0	0	1	1
144.1875	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	1
144.200	0	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1
144.2125	0	1	1	0	1	1	1	1	1	1	0	1	1	1	0	1
144.225	0	1	1	0	1	1	1	1	1	1	0	1	1	0	1	1
144.2375	0	1	1	0	1	1	1	1	1	1	0	1	1	0	0	1
144.250	0	1	1	0	1	1	1	1	1	1	0	1	0	1	1	1
144.2625	0	1	1	0	1	1	1	1	1	1	0	1	0	1	0	1
144.275	0	1	1	0	1	1	1	1	1	1	0	1	0	0	1	1
144.2875	0	1	1	0	1	1	1	1	1	1	0	1	0	0	0	1
144.300	0	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1
144.3125	0	1	1	0	1	1	1	1	1	1	0	0	1	1	0	1
144.325	0	1	1	0	1	1	1	1	1	1	0	0	1	0	1	1
144.3375	0	1	1	0	1	1	1	1	1	1	0	0	1	0	0	1
144.350	0	1	1	0	1	1	1	1	1	1	0	0	0	1	1	1
144.3625	0	1	1	0	1	1	1	1	1	1	0	0	0	1	0	1
144.375	0	1	1	0	1	1	1	1	1	1	0	0	0	0	1	1
144.3875	0	1	1	0	1	1	1	1	1	1	0	0	0	0	0	1
144.400	0	1	1	0	1	1	1	1	1	0	1	0	0	1	1	1
144.4125	0	1	1	0	1	1	1	1	1	0	1	0	0	1	0	1
144.425	0	1	1	0	1	1	1	1	1	0	1	0	0	0	1	1
144.4375	0	1	1	0	1	1	1	1	1	0	1	0	0	0	0	1
144.450	0	1	1	0	1	1	1	1	1	0	0	1	1	1	1	1
144.4625	0	1	1	0	1	1	1	1	1	0	0	1	1	1	0	1
144.475	0	1	1	0	1	1	1	1	1	0	0	1	1	0	1	1
144.4875	0	1	1	0	1	1	1	1	1	0	0	1	1	0	0	1
144.500	0	1	1	0	1	1	1	1	1	0	0	1	0	1	1	1
144.5125	0	1	1	0	1	1	1	1	1	0	0	1	0	1	0	1
144.525	0	1	1	0	1	1	1	1	1	0	0	1	0	0	1	1
144.5375	0	1	1	0	1	1	1	1	1	0	0	1	0	0	0	1
144.550	0	1	1	0	1	1	1	1	1	0	0	0	1	1	1	1
144.5625	0	1	1	0	1	1	1	1	1	0	0	0	1	1	0	1
144.375	0	1	1	0	1	1	1	1	1	0	0	0	1	0	1	1
144.3875	0	1	1	0	1	1	1	1	1	0	0	0	1	0	0	1
144.600	0	1	1	0	1	1	1	1	1	0	0	0	0	1	1	1
144.6125	0	1	1	0	1	1	1	1	0	1	1	0	1	1	0	1
144.625	0	1	1	0	1	1	1	1	0	1	1	0	1	0	1	1
144.6375	0	1	1	0	1	1	1	1	0	1	1	0	1	0	0	1
144.650	0	1	1	0	1	1	1	1	0	1	1	0	0	1	1	1
144.625	0	1	1	0	1	1	1	1	0	1	1	0	0	1	0	1
144.675	0	1	1	0	1	1	1	1	0	1	1	0	0	0	1	1
144.6875	0	1	1	0	1	1	1	1	0	1	1	0	0	0	0	1

2 Meter TX																
Freq	N9 128	N8 64	N7 32	N6 16	N5 8	N4 4	N3 2	N2 1	N1 500	N0 250	A5 200	A4 100	A3 50	A2 25	A1 12.5	A0 6.25
144.700	0	1	1	0	1	1	1	1	0	1	0	1	1	1	1	1
144.7125	0	1	1	0	1	1	1	1	0	1	0	1	1	1	0	1
144.725	0	1	1	0	1	1	1	1	0	1	0	1	1	0	1	1
144.7375	0	1	1	0	1	1	1	1	0	1	0	1	1	0	0	1
144.750	0	1	1	0	1	1	1	1	0	1	0	1	0	1	1	1
144.7625	0	1	1	0	1	1	1	1	0	1	0	1	0	1	0	1
144.775	0	1	1	0	1	1	1	1	0	1	0	1	0	0	1	1
144.7875	0	1	1	0	1	1	1	1	0	1	0	1	0	0	0	1
144.800	0	1	1	0	1	1	1	1	0	1	0	0	1	1	1	1
144.8125	0	1	1	0	1	1	1	1	0	1	0	0	1	1	0	1
144.825	0	1	1	0	1	1	1	1	0	1	0	0	1	0	1	1
144.8375	0	1	1	0	1	1	1	1	0	1	0	0	1	0	0	1
144.850	0	1	1	0	1	1	1	1	0	1	0	0	0	1	1	1
144.8625	0	1	1	0	1	1	1	1	0	1	0	0	0	1	0	1
144.875	0	1	1	0	1	1	1	1	0	1	0	0	0	0	1	1
144.8875	0	1	1	0	1	1	1	1	0	1	0	0	0	0	0	1
144.900	0	1	1	0	1	1	1	1	0	0	1	0	0	1	1	1
144.9125	0	1	1	0	1	1	1	1	0	0	1	0	0	1	0	1
144.925	0	1	1	0	1	1	1	1	0	0	1	0	0	0	1	1
144.9375	0	1	1	0	1	1	1	1	0	0	1	0	0	0	0	1
144.950	0	1	1	0	1	1	1	1	0	0	0	1	1	1	1	1
144.9625	0	1	1	0	1	1	1	1	0	0	0	1	1	1	0	1
144.975	0	1	1	0	1	1	1	1	0	0	0	1	1	0	1	1
144.9875	0	1	1	0	1	1	1	1	0	0	0	1	1	0	0	1
145.000	0	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1
145.0125	0	1	1	0	1	1	1	0	1	1	1	1	1	1	0	1
145.025	0	1	1	0	1	1	1	0	1	1	1	1	1	0	1	1
145.0375	0	1	1	0	1	1	1	0	1	1	1	1	1	0	0	1
145.050	0	1	1	0	1	1	1	0	1	1	1	1	0	1	1	1
145.0625	0	1	1	0	1	1	1	0	1	1	1	1	0	1	0	1
145.075	0	1	1	0	1	1	1	0	1	1	1	1	0	0	1	1
145.0875	0	1	1	0	1	1	1	0	1	1	1	1	0	0	0	1
145.100	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1	1
145.1125	0	1	1	0	1	1	1	0	1	1	1	0	1	1	0	1
145.125	0	1	1	0	1	1	1	0	1	1	1	0	1	0	1	1
145.1375	0	1	1	0	1	1	1	0	1	1	1	0	1	0	0	1
145.150	0	1	1	0	1	1	1	0	1	1	1	0	0	1	1	1
145.1625	0	1	1	0	1	1	1	0	1	1	1	0	0	1	0	1
145.175	0	1	1	0	1	1	1	0	1	1	1	0	0	0	1	1
145.1875	0	1	1	0	1	1	1	0	1	1	1	0	0	0	0	1
145.200	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1
145.2125	0	1	1	0	1	1	1	0	1	1	0	1	1	1	0	1
145.225	0	1	1	0	1	1	1	0	1	1	0	1	1	0	1	1
145.2375	0	1	1	0	1	1	1	0	1	1	0	1	1	0	0	1
145.250	0	1	1	0	1	1	1	0	1	1	0	1	0	1	1	1
145.2625	0	1	1	0	1	1	1	0	1	1	0	1	0	1	0	1
145.275	0	1	1	0	1	1	1	0	1	1	0	1	0	0	1	1
145.2875	0	1	1	0	1	1	1	0	1	1	0	1	0	0	0	1
145.300	0	1	1	0	1	1	1	0	1	0	1	1	0	1	1	1
145.3125	0	1	1	0	1	1	1	0	1	0	1	1	0	1	0	1
145.325	0	1	1	0	1	1	1	0	1	0	1	1	0	0	1	1
145.3375	0	1	1	0	1	1	1	0	1	0	1	1	0	0	0	1
145.350	0	1	1	0	1	1	1	0	1	0	1	0	1	1	1	1
145.3625	0	1	1	0	1	1	1	0	1	0	1	0	1	1	0	1
145.375	0	1	1	0	1	1	1	0	1	0	1	0	1	0	1	1
145.3875	0	1	1	0	1	1	1	0	1	0	1	0	1	0	0	1

2 Meter TX																
Freq	N9 128	N8 64	N7 32	N6 16	N5 8	N4 4	N3 2	N2 1	N1 500	N0 250	A5 200	A4 100	A3 50	A2 25	A1 12.5	A0 6.25
145.400	0	1	1	0	1	1	1	0	1	0	1	0	0	1	1	1
145.4125	0	1	1	0	1	1	1	0	1	0	1	0	0	1	0	1
145.425	0	1	1	0	1	1	1	0	1	0	1	0	0	0	1	1
145.4375	0	1	1	0	1	1	1	0	1	0	1	0	0	0	0	1
145.450	0	1	1	0	1	1	1	0	1	0	0	1	1	1	1	1
145.4625	0	1	1	0	1	1	1	0	1	0	0	1	1	1	0	1
145.475	0	1	1	0	1	1	1	0	1	0	0	1	1	0	1	1
145.4875	0	1	1	0	1	1	1	0	1	0	0	1	1	0	0	1
145.500	0	1	1	0	1	1	1	0	1	0	0	1	0	1	1	1
145.5125	0	1	1	0	1	1	1	0	1	0	0	1	0	1	0	1
145.525	0	1	1	0	1	1	1	0	1	0	0	1	0	0	1	1
145.5375	0	1	1	0	1	1	1	0	1	0	0	1	0	0	0	1
145.550	0	1	1	0	1	1	1	0	1	0	0	0	1	1	1	1
145.5625	0	1	1	0	1	1	1	0	1	0	0	0	1	1	0	1
145.575	0	1	1	0	1	1	1	0	1	0	0	0	1	0	1	1
145.5875	0	1	1	0	1	1	1	0	1	0	0	0	1	0	0	1
145.600	0	1	1	0	1	1	1	0	1	0	0	0	0	1	1	1
145.6125	0	1	1	0	1	1	1	0	1	0	0	0	0	1	0	1
145.625	0	1	1	0	1	1	1	0	1	0	0	0	0	0	1	1
145.6375	0	1	1	0	1	1	1	0	1	0	0	0	0	0	0	1
145.650	0	1	1	0	1	1	1	0	0	1	1	0	0	1	1	1
145.6625	0	1	1	0	1	1	1	0	0	1	1	0	0	1	0	1
145.675	0	1	1	0	1	1	1	0	0	1	1	0	0	0	1	1
145.6875	0	1	1	0	1	1	1	0	0	1	1	0	0	0	0	1
145.700	0	1	1	0	1	1	1	0	0	1	0	1	1	1	1	1
145.7125	0	1	1	0	1	1	1	0	0	1	0	1	1	1	0	1
145.725	0	1	1	0	1	1	1	0	0	1	0	1	1	0	1	1
145.7375	0	1	1	0	1	1	1	0	0	1	0	1	1	0	0	1
145.750	0	1	1	0	1	1	1	0	0	1	0	1	0	1	1	1
145.7625	0	1	1	0	1	1	1	0	0	1	0	1	0	1	0	1
145.775	0	1	1	0	1	1	1	0	0	1	0	1	0	0	1	1
145.7875	0	1	1	0	1	1	1	0	0	1	0	1	0	0	0	1
145.800	0	1	1	0	1	1	1	0	0	0	1	1	0	1	1	1
145.8125	0	1	1	0	1	1	1	0	0	0	1	1	0	1	0	1
145.825	0	1	1	0	1	1	1	0	0	0	1	1	0	0	1	1
145.8375	0	1	1	0	1	1	1	0	0	0	1	1	0	0	0	1
145.850	0	1	1	0	1	1	1	0	0	0	1	0	1	1	1	1
145.8625	0	1	1	0	1	1	1	0	0	0	1	0	1	1	0	1
145.875	0	1	1	0	1	1	1	0	0	0	1	0	1	0	1	1
145.8875	0	1	1	0	1	1	1	0	0	0	1	0	1	0	0	1
145.900	0	1	1	0	1	1	1	0	0	0	1	0	0	1	1	1
145.9125	0	1	1	0	1	1	1	0	0	0	1	0	0	1	0	1
145.925	0	1	1	0	1	1	1	0	0	0	1	0	0	0	1	1
145.9375	0	1	1	0	1	1	1	0	0	0	1	0	0	0	0	1
145.950	0	1	1	0	1	1	1	0	0	0	0	1	1	1	1	1
145.9625	0	1	1	0	1	1	1	0	0	0	0	1	1	1	0	1
145.975	0	1	1	0	1	1	1	0	0	0	0	1	1	0	1	1
145.9875	0	1	1	0	1	1	1	0	0	0	0	1	1	0	0	1
146 000	0	1	1	0	1	1	10	0	0	0	0	1	0	1	1	1

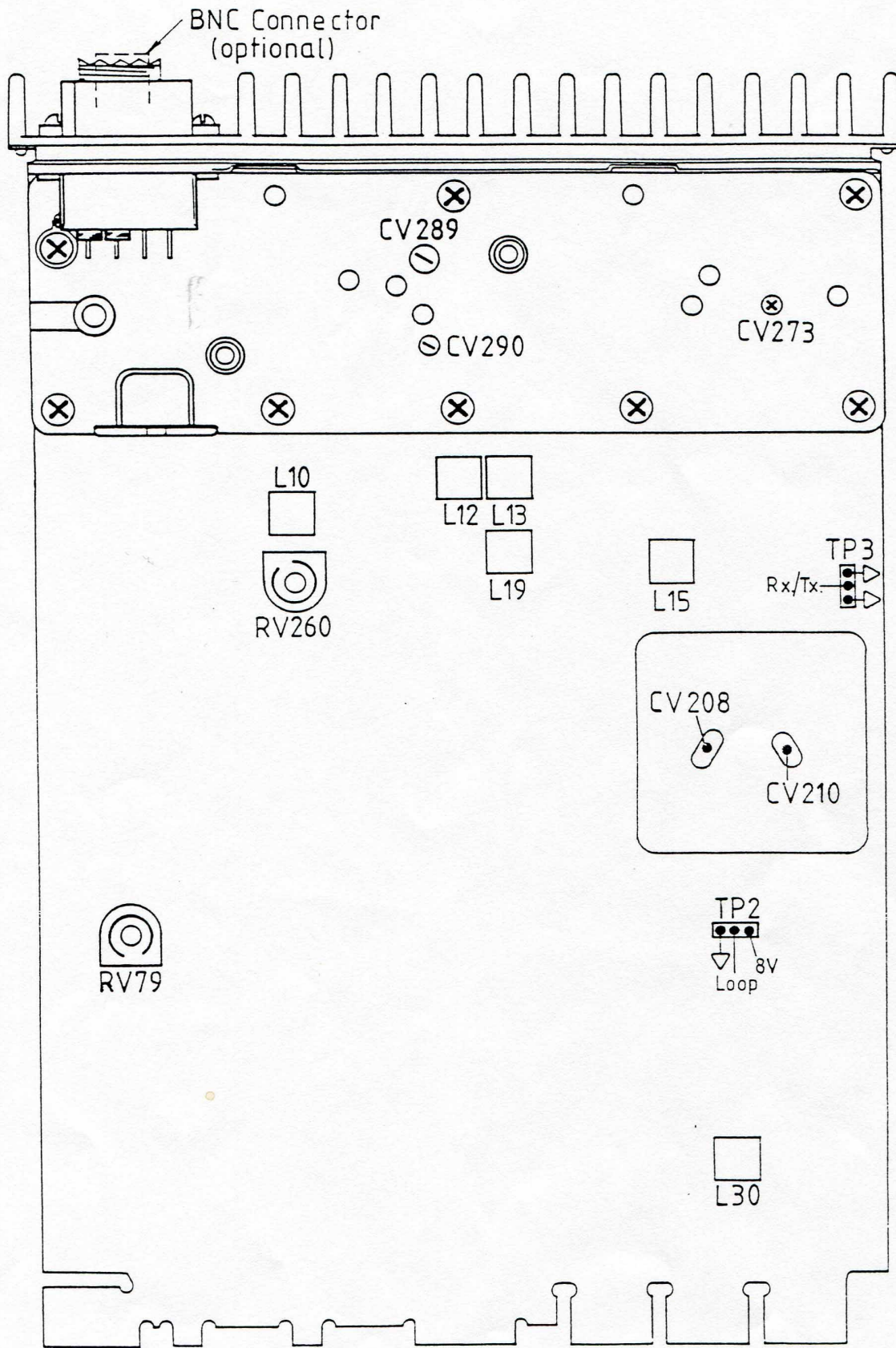


Diagram 2 Tuning Points

2 Meter RX																
Freq	N9 128	N8 64	N7 32	N6 16	N5 8	N4 4	N3 2	N2 1	N1 500	N0 250	A5 200	A4 100	A3 50	A2 25	A1 12.5	A0 6.25
144.000	1	0	0	0	0	1	0	1	0	1	1	0	1	1	1	1
144.0125	1	0	0	0	0	1	0	1	0	1	1	0	1	1	0	1
144.025	1	0	0	0	0	1	0	1	0	1	1	0	1	0	1	1
144.0375	1	0	0	0	0	1	0	1	0	1	1	0	1	0	0	1
144.050	1	0	0	0	0	1	0	1	0	1	1	0	0	1	1	1
144.0625	1	0	0	0	0	1	0	1	0	1	1	0	0	1	0	1
144.075	1	0	0	0	0	1	0	1	0	1	1	0	0	0	1	1
144.0875	1	0	0	0	0	1	0	1	0	1	1	0	0	0	0	1
144.100	1	0	0	0	0	1	0	1	0	1	0	1	1	1	1	1
144.1125	1	0	0	0	0	1	0	1	0	1	0	1	1	1	0	1
144.125	1	0	0	0	0	1	0	1	0	1	0	1	1	0	1	1
144.1375	1	0	0	0	0	1	0	1	0	1	0	1	1	0	0	1
144.150	1	0	0	0	0	1	0	1	0	1	0	1	0	1	1	1
144.1625	1	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1
144.175	1	0	0	0	0	1	0	1	0	1	0	1	0	0	1	1
144.1875	1	0	0	0	0	1	0	1	0	1	0	1	0	0	0	1
144.200	1	0	0	0	0	1	0	1	0	1	0	0	1	1	1	1
144.2125	1	0	0	0	0	1	0	1	0	1	0	0	1	1	0	1
144.225	1	0	0	0	0	1	0	1	0	1	0	0	1	0	1	1
144.2375	1	0	0	0	0	1	0	1	0	1	0	0	1	0	0	1
144.250	1	0	0	0	0	1	0	1	0	1	0	0	0	1	1	1
144.2625	1	0	0	0	0	1	0	1	0	1	0	0	0	1	0	1
144.275	1	0	0	0	0	1	0	1	0	1	0	0	0	0	1	1
144.2875	1	0	0	0	0	1	0	1	0	1	0	0	0	0	0	1
144.300	1	0	0	0	0	1	0	1	0	0	1	0	0	1	1	1
144.3125	1	0	0	0	0	1	0	1	0	0	1	0	0	1	0	1
144.325	1	0	0	0	0	1	0	1	0	0	1	0	0	0	1	1
144.3375	1	0	0	0	0	1	0	1	0	0	1	0	0	0	0	1
144.350	1	0	0	0	0	1	0	1	0	0	0	1	1	1	1	1
144.3625	1	0	0	0	0	1	0	1	0	0	0	1	1	1	0	1
144.375	1	0	0	0	0	1	0	1	0	0	0	1	1	0	1	1
144.3875	1	0	0	0	0	1	0	1	0	0	0	1	1	0	0	1
144.400	1	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1
144.4125	1	0	0	0	0	1	0	0	1	1	1	1	1	1	0	1
144.425	1	0	0	0	0	1	0	0	1	1	1	1	1	0	1	1
144.4375	1	0	0	0	0	1	0	0	1	1	1	1	1	0	0	1
144.450	1	0	0	0	0	1	0	0	1	1	1	1	0	1	1	1
144.4625	1	0	0	0	0	1	0	0	1	1	1	1	0	1	0	1
144.475	1	0	0	0	0	1	0	0	1	1	1	1	0	0	1	1
144.4875	1	0	0	0	0	1	0	0	1	1	1	1	0	0	0	1
144.500	1	0	0	0	0	1	0	0	1	1	1	0	1	1	1	1
144.5125	1	0	0	0	0	1	0	0	1	1	1	0	1	1	0	1
144.525	1	0	0	0	0	1	0	0	1	1	1	0	1	0	1	1
144.5375	1	0	0	0	0	1	0	0	1	1	1	0	1	0	0	1
144.550	1	0	0	0	0	1	0	0	1	1	1	0	0	1	1	1
144.5625	1	0	0	0	0	1	0	0	1	1	1	0	0	1	0	1
144.375	1	0	0	0	0	1	0	0	1	1	1	0	0	0	1	1
144.3875	1	0	0	0	0	1	0	0	1	1	1	0	0	0	0	1
144.600	1	0	0	0	0	1	0	0	1	1	0	1	1	1	1	1
144.6125	1	0	0	0	0	1	0	0	1	1	0	1	1	1	0	1
144.625	1	0	0	0	0	1	0	0	1	1	0	1	1	0	1	1
144.6375	1	0	0	0	0	1	0	0	1	1	0	1	1	0	0	1
144.650	1	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1
144.625	1	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1
144.675	1	0	0	0	0	1	0	0	1	1	0	1	0	0	1	1
144.6875	1	0	0	0	0	1	0	0	1	1	0	1	0	0	0	1



2 Meter RX																
Freq	N9 128	N8 64	N7 32	N6 16	N5 8	N4 4	N3 2	N2 1	N1 500	N0 250	A5 200	A4 100	A3 50	A2 25	A1 12.5	A0 6.25
144.700	1	0	0	0	0	1	0	0	1	1	0	0	1	1	1	1
144.7125	1	0	0	0	0	1	0	0	1	1	0	0	1	1	0	1
144.725	1	0	0	0	0	1	0	0	1	1	0	0	1	0	1	1
144.7375	1	0	0	0	0	1	0	0	1	1	0	0	1	0	0	1
144.750	1	0	0	0	0	1	0	0	1	1	0	0	0	1	1	1
144.7625	1	0	0	0	0	1	0	0	1	1	0	0	0	1	0	1
144.775	1	0	0	0	0	1	0	0	1	1	0	0	0	0	1	1
144.7875	1	0	0	0	0	1	0	0	1	1	0	0	0	0	0	1
144.800	1	0	0	0	0	1	0	0	1	1	0	0	1	1	1	1
144.8125	1	0	0	0	0	1	0	0	1	1	0	0	1	1	0	1
144.825	1	0	0	0	0	1	0	0	1	1	0	0	1	0	1	1
144.8375	1	0	0	0	0	1	0	0	1	1	0	0	1	0	0	1
144.850	1	0	0	0	0	1	0	0	1	0	0	1	1	1	1	1
144.8625	1	0	0	0	0	1	0	0	1	0	0	1	1	1	0	1
144.875	1	0	0	0	0	1	0	0	1	0	0	1	1	0	1	1
144.8875	1	0	0	0	0	1	0	0	1	0	0	1	1	0	0	1
144.900	1	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1
144.9125	1	0	0	0	0	1	0	0	0	0	1	1	1	1	0	1
144.925	1	0	0	0	0	1	0	0	0	0	1	1	1	0	1	1
144.9375	1	0	0	0	0	1	0	0	0	0	1	1	1	0	0	1
144.950	1	0	0	0	0	1	0	0	0	1	1	1	0	1	1	1
144.9625	1	0	0	0	0	1	0	0	0	1	1	1	0	1	0	1
144.975	1	0	0	0	0	1	0	0	0	1	1	1	0	0	1	1
144.9875	1	0	0	0	0	1	0	0	0	1	1	1	0	0	0	1
145.000	1	0	0	0	0	1	0	0	0	1	1	0	1	1	1	1
145.0125	1	0	0	0	0	1	0	0	0	1	1	0	1	1	0	1
145.025	1	0	0	0	0	1	0	0	0	1	1	0	1	0	1	1
145.0375	1	0	0	0	0	1	0	0	0	1	1	0	1	0	0	1
145.050	1	0	0	0	0	1	0	0	0	1	1	0	0	1	1	1
145.0625	1	0	0	0	0	1	0	0	0	1	1	0	0	1	0	1
145.075	1	0	0	0	0	1	0	0	0	1	1	0	0	0	1	1
145.0875	1	0	0	0	0	1	0	0	0	1	1	0	0	0	0	1
145.100	1	0	0	0	0	1	0	0	0	1	0	1	1	1	1	1
145.1125	1	0	0	0	0	1	0	0	0	1	0	1	1	1	0	1
145.125	1	0	0	0	0	1	0	0	0	1	0	1	1	0	1	1
145.1375	1	0	0	0	0	1	0	0	0	1	0	1	1	0	0	1
145.150	1	0	0	0	0	1	0	0	0	1	0	1	0	1	1	1
145.1625	1	0	0	0	0	1	0	0	0	1	0	1	0	1	0	1
145.175	1	0	0	0	0	1	0	0	0	1	0	1	0	0	1	1
145.1875	1	0	0	0	0	1	0	0	0	1	0	1	0	0	0	1
145.200	1	0	0	0	0	1	0	0	0	1	0	0	1	1	1	1
145.2125	1	0	0	0	0	1	0	0	0	1	0	0	1	1	0	1
145.225	1	0	0	0	0	1	0	0	0	1	0	0	1	0	1	1
145.2375	1	0	0	0	0	1	0	0	0	1	0	0	1	0	0	1
145.250	1	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1
145.2625	1	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1
145.275	1	0	0	0	0	1	0	0	0	1	0	0	0	0	1	1
145.2875	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
145.300	1	0	0	0	0	1	0	0	0	0	1	0	0	1	1	1
145.3125	1	0	0	0	0	1	0	0	0	0	1	0	0	1	0	1
145.325	1	0	0	0	0	1	0	0	0	0	1	0	0	0	1	1
145.3375	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1
145.350	1	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1
145.3625	1	0	0	0	0	1	0	0	0	0	0	1	1	1	0	1
145.375	1	0	0	0	0	1	0	0	0	0	0	1	1	0	1	1
145.3875	1	0	0	0	0	1	0	0	0	0	0	1	1	0	0	1

2 Meter RX																
Freq	N9 128	N8 64	N7 32	N6 16	N5 8	N4 4	N3 2	N2 1	N1 500	N0 250	A5 200	A4 100	A3 50	A2 25	A1 12.5	A0 6.25
145.400	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
145.4125	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1
145.425	1	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1
145.4375	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1
145.450	1	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1
145.4625	1	0	0	0	0	0	1	1	1	1	1	1	0	1	0	1
145.475	1	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1
145.4875	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1
145.500	1	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1
145.5125	1	0	0	0	0	0	1	1	1	1	1	0	1	1	0	1
145.525	1	0	0	0	0	0	1	1	1	1	1	0	1	0	1	1
145.5375	1	0	0	0	0	0	1	1	1	1	1	0	1	0	0	1
145.550	1	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1
145.5625	1	0	0	0	0	0	1	1	1	1	1	0	0	1	0	1
145.575	1	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1
145.5875	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1
145.600	1	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1
145.6125	1	0	0	0	0	0	1	1	1	1	0	1	1	1	0	1
145.625	1	0	0	0	0	0	1	1	1	1	0	1	1	0	1	1
145.6375	1	0	0	0	0	0	1	1	1	1	0	1	1	0	0	1
145.650	1	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1
145.6625	1	0	0	0	0	0	1	1	1	1	1	1	0	1	0	1
145.675	1	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1
145.6875	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1
145.700	1	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1
145.7125	1	0	0	0	0	0	1	1	1	1	0	0	1	1	0	1
145.725	1	0	0	0	0	0	1	1	1	1	0	0	1	0	1	1
145.7375	1	0	0	0	0	0	1	1	1	1	0	0	1	0	0	1
145.750	1	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1
145.7625	1	0	0	0	0	0	1	1	1	1	0	0	0	1	0	1
145.775	1	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1
145.7875	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1
145.800	1	0	0	0	0	0	1	1	1	0	1	1	0	1	1	1
145.8125	1	0	0	0	0	0	1	1	1	0	1	1	0	1	0	1
145.825	1	0	0	0	0	0	1	1	1	0	1	1	0	0	1	1
145.8375	1	0	0	0	0	0	1	1	1	0	1	1	0	0	0	1
145.850	1	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1
145.8625	1	0	0	0	0	0	1	1	1	0	0	1	1	1	0	1
145.875	1	0	0	0	0	0	1	1	1	0	0	1	1	0	1	1
145.8875	1	0	0	0	0	0	1	1	1	0	0	1	1	0	0	1
145.900	1	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1
145.9125	1	0	0	0	0	0	1	1	0	1	1	1	1	1	0	1
145.925	1	0	0	0	0	0	1	1	0	1	1	1	1	0	1	1
145.9375	1	0	0	0	0	0	1	1	0	1	1	1	1	0	0	1
145.950	1	0	0	0	0	0	1	1	0	1	1	1	0	1	1	1
145.9625	1	0	0	0	0	0	1	1	0	1	1	1	0	1	0	1
145.975	1	0	0	0	0	0	1	1	0	1	1	1	0	0	1	1
145.9875	1	0	0	0	0	0	1	1	0	1	1	1	0	0	0	1
146 000	1	0	0	0	0	0	1	1	0	1	1	0	1	1	1	1