# MAGNUM S3 EXPORT FREQUENCY CONVERSION

Note: See Quick Notes for more info									
	MODE	Α	в						
	10 Meter Fixed Program	ON OFF OFF	ON ON OFF						
	Note: Program Mode allows individual programming of each Band Position. Jumper B is placed back ON after completion to lock Bands in place. Jumper A is OFF in this mode to allow Full Frequency Expansion.								
Channel Board	Jump	er Diagra	ım						

### Introduction:

The Magnum S3 is programmed for the 10 Meter Amateur Band out of the box, and covers a range of 28.315 - 29.655 Mhz. The frequency range can be extended for Export Use in 6 Band segments each containing 40 Channels. These 6 bands can be set to Fixed Mode (26.065 - 28.755Mhz), or in a Programmable Mode (Any combination of Six 40 channel blocks between 25165 - 30.105 Mhz.. All of these methods are described in detail below.

### 10 Meter Mode:

This is the factory default mode and requires both Jumpers A and B to be in place.

#### Fixed Mode:

This mode is pre-set to 6 Bands (C through H) (26.065 - 28.755 Mhz) and made available by simply removing Jumper A (shown above) from the Channel Board. See the Jumper Diagram shown above for details.

#### Programmable Mode:

This feature allows the radio to be setup into 6 separate bands, each individually programmed to cover any 40 channel segments you choose between 25.165 - 30.105 Mhz. For instance, if you wanted Bands A and B to be setup to cover 25.165 - 26.055 Mhz, Band C to be the CB Band 26.965 - 27.405 Mhz, then Bands D, E, and F to cover 10 Meters at 28.315 - 29.655 Mhz, the "Program Mode" can be used to set this up.

This may seem a little awkward at first, but once you understand how to setup the bands, the task is simple and painless. First, set the radio's Band Selector to position A. Next, Remove Both Jumpers A & B from the Channel Board. Notice that the Channel Display now indicates a letter A through L (K is skipped), instead of the Channel number. Carefully short the pins of Jumper A on the Channel Board using a small screwdriver, (or the shunt block). Notice that the Channel Display advances to the next Band Letter each time the pins of Jumper A are shorted. Continue advancing the letters on the display until you see the desired band for Position A of the Band Selector. Move the Band selector to position B, and again short the jumper pins of A until you see your choice for Band B. Repeat this for each of the 6 Band positions and when the last is done, replace Jumper B ON the block to Lock them into Memory. Leave Jumper A OFF to keep the unit in the Full Frequency Expansion mode to complete the programming process.

Quick Reference: Jumper B OFF = Programming Mode Jumper B ON = Programming Locked Jumper A OFF = Full Frequency Expansion Jumper A ON = 10 Meter Band Only

# MAGNUM S3 EXPORT FREQUENCY CONVERSION

## **Frequency Chart**

Ch.Band B.Band C.Band C.Band C.Band C.Band F.Band F.Band H.Band H.Band J.Band J.25.17525.65526.05526.05527.45527.86528.31528.76529.22529.975325.18525.63526.05526.55527.45527.86528.35528.35529.25529.255425.20525.65526.11526.65527.00527.45527.90528.36528.80529.26529.775525.25525.67526.15226.65527.00527.45527.93528.36528.36529.26529.775725.25625.70526.15526.60527.05527.95528.40528.85529.30529.755925.26525.70526.15526.61527.06527.55527.95528.40528.85529.30529.7551025.27526.17526.61527.05527.55527.95528.43528.98529.33529.8051125.28525.75526.15526.65527.10527.55528.00528.45529.30529.3551225.30525.75626.25726.65527.15527.55528.00528.45529.30529.3551425.35525.76526.25527.15527.55528.00528.45529.30529.3551425.35525.76526.25527.15527.55528.05528.05529.	Ch.	Band A	Band B	Band C	Band D	Band F	Band F	Band G	Band H	Bandl	Band J	Band L
225.17525.62526.07526.52526.07527.42527.87528.32528.77529.22529.765325.81525.65526.10526.55527.00527.45527.90528.35528.05529.705525.21525.66526.10526.55527.00527.45627.91528.35528.85529.25529.705725.23525.67526.12526.57527.02527.47527.92528.37528.38529.32529.735825.25525.70526.15526.60527.05527.48527.93528.43528.85529.30529.755925.26525.71526.15526.60527.05527.5527.95628.44528.85529.30529.7551025.27525.75726.15526.63527.05527.5527.9528.43528.85529.33529.7551125.25525.75526.25526.65627.11527.5528.00528.45528.91529.36529.8551225.33525.75526.25526.65527.15528.02528.45528.91529.36529.8551425.32525.76526.25527.15527.65528.05528.95529.45529.8551425.33525.85526.25527.75527.65528.05528.95529.45529.8551525.35525.85526.25527.75527.65528.155 <td></td>												
3     25.185     25.635     26.055     26.955     27.435     27.835     28.335     28.785     29.235     29.265       5     25.215     25.665     26.105     26.555     27.025     27.455     27.925     28.355     28.005     29.255     29.755       6     25.225     25.665     26.115     26.565     27.025     27.455     27.925     28.355     28.825     29.275     29.755       7     25.235     25.665     26.155     26.665     27.055     27.55     28.455     28.455     29.355     29.755       9     25.265     25.775     26.155     26.655     27.055     27.955     28.445     28.855     29.355     29.855       10     25.255     25.755     26.655     27.155     27.55     28.405     28.455     28.355     29.355     29.355       11     25.355     25.755     26.252     26.655     27.155     27.655     28.405     28.455     29.355     29.355       12     25.335 <td></td>												
4     25.205     25.655     26.105     26.555     27.005     27.455     27.905     28.355     28.805     29.255     29.705       5     25.215     25.655     26.115     26.555     27.705     27.465     27.925     28.355     28.855     29.255     29.725       7     25.235     25.685     26.155     26.655     27.035     27.455     27.935     28.405     28.855     29.305     29.755       9     25.265     25.715     26.155     26.625     27.055     27.555     28.405     28.855     29.305     29.755       10     25.275     26.175     26.625     27.075     27.555     28.405     28.455     29.305     29.355     29.305     29.355     29.						+						
5     25.215     25.665     26.115     26.565     27.025     27.925     28.365     28.825     29.275     29.735       7     25.235     25.685     26.135     26.585     27.035     27.485     27.935     28.385     28.385     29.285     29.735       8     25.255     25.705     26.165     26.605     27.055     27.505     28.405     28.855     29.305     29.755       9     25.265     25.715     26.165     26.605     27.055     27.955     28.445     28.855     29.305     29.775       11     25.275     25.755     26.175     26.665     27.105     27.555     28.405     28.905     29.355     29.305       12     25.305     25.755     26.225     26.676     27.125     28.015     28.455     28.905     29.355     29.805     29.355       13     25.335     25.765     26.255     26.705     27.125     27.655     28.055     28.955     29.405     29.855       14     25.335												
625.22525.67526.12526.57527.02527.47527.92528.37528.38229.27529.735725.23525.68626.13526.60527.03527.93528.40528.35529.355925.25525.71526.16526.60527.05527.95528.40528.85529.315925.25625.71526.16526.61527.06527.55528.41528.86529.31529.7551025.27525.75526.18526.63527.08527.97528.42528.87529.32529.7551125.28525.75626.15226.66527.10527.55628.04528.91529.36529.8051325.31525.76526.25526.66527.11527.55628.04528.48528.91529.36529.8151425.32525.75526.25526.67527.15528.05528.48528.91529.36529.8351525.33525.78526.25526.71527.15528.05528.45528.91529.45529.8551725.36525.80526.25526.71527.16528.05528.5529.45529.8551825.37526.25526.75527.25527.65528.15528.95529.45529.4552925.45526.35526.75527.2527.65528.15528.5529.05529.45529.4552925.4552												
7     25.235     25.685     26.135     26.585     27.035     27.935     28.385     28.385     29.335       8     25.255     25.715     26.155     26.605     27.055     27.955     28.415     28.865     29.305     29.755       9     25.257     25.715     26.157     26.625     27.057     27.525     28.415     28.865     29.335     29.755       11     25.285     25.755     26.015     26.655     27.105     27.555     28.005     28.455     28.905     29.355     29.305     29.305       12     25.305     25.775     26.225     26.675     27.125     27.575     28.025     28.475     28.925     29.375     29.825       14     25.335     25.775     26.225     26.675     27.125     27.575     28.025     28.475     29.355     29.355       14     25.335     25.815     26.635     27.155     27.675     28.055     28.455     29.405     29.855       14     25.335     25.81						†	1					
8     25.255     26.705     26.155     26.065     27.055     27.955     28.405     28.855     29.305     29.765       9     25.265     25.715     26.175     26.625     27.075     27.525     27.975     28.415     28.865     29.335     29.785       11     25.285     25.755     26.020     26.655     27.105     27.555     28.005     28.455     28.805     29.335     29.385<			1			î				i		
9     25.265     25.715     26.165     26.615     27.065     27.955     28.415     28.865     29.325     29.775       10     25.275     25.755     26.175     26.625     27.075     27.525     27.975     28.425     28.875     29.325     29.785       11     25.305     25.755     26.025     26.665     27.105     27.955     28.005     28.455     28.905     29.355     29.805       13     25.315     25.765     26.215     26.665     27.115     27.565     28.015     28.455     28.905     29.355     29.805       14     25.335     25.765     26.225     26.675     27.155     27.065     28.055     28.905     29.355     29.805       15     25.365     25.805     26.265     26.715     27.165     28.065     28.915     29.405     29.415     29.855       16     25.365     25.825     26.265     27.175     27.655     28.055     28.905     29.415     29.855       17     25.						1	1					
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11125.28525.73526.18526.38527.08527.53527.98528.43528.88529.33529.7851225.30525.75526.20526.65527.10527.55528.00528.45528.90529.35529.3551325.31525.76526.22526.67527.15527.55528.02528.47528.92529.3551425.32525.77526.22526.67527.15527.65528.05528.48528.93529.3851525.35525.80526.25526.70527.15527.60528.05528.95529.40529.8551625.35525.80526.25526.77527.15527.60528.05528.95529.40529.8551725.36525.80526.25726.72527.17527.65528.05528.95529.40529.8551825.37525.82526.27526.75527.15527.65528.05528.95529.40529.8551925.38525.83526.39526.75527.15527.65528.15528.95529.00529.45529.9052125.45525.86526.31526.75527.25528.15528.15529.00529.45529.9052225.45525.86526.35526.35527.25527.75528.15528.65529.05529.9552325.45525.90526.35526.35527.25527.75528.155 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>												
12   25.305   25.755   26.205   26.655   27.105   27.555   28.005   28.455   28.905   29.355   29.305     13   25.315   25.765   26.215   26.665   27.115   27.565   28.015   28.465   28.915   29.365   29.385     14   25.325   25.775   26.225   26.675   27.125   27.575   28.025   28.475   28.935   29.385   29.385   29.385   29.385   29.385   29.385   29.385   29.385   29.405   28.455   28.955   29.405   29.495   29.405   29.485 <td>-</td> <td></td> <td></td> <td></td> <td></td> <td>î</td> <td>1</td> <td></td> <td></td> <td>1</td> <td></td> <td></td>	-					î	1			1		
13     25.315     25.765     26.215     26.665     27.115     27.565     28.015     28.465     28.915     29.365     29.315       14     25.325     25.775     26.225     26.685     27.135     27.585     28.025     28.475     28.925     29.375     29.385       15     25.355     25.805     26.255     26.705     27.155     27.605     28.055     28.905     29.395     29.385       16     25.355     25.805     26.275     26.715     27.165     27.665     28.055     28.905     29.415     29.865       17     25.365     25.825     26.275     26.775     27.175     27.655     28.075     28.55     29.425     29.475     29.425       19     25.385     25.835     26.305     26.755     27.205     27.655     28.105     28.55     29.005     29.455     29.905       21     25.415     25.865     26.315     26.765     27.205     28.155     28.105     28.155     29.005     29.455			1									
1425.32525.77526.22526.67527.12527.57528.02528.47528.92529.37529.8251525.33525.78526.23526.68527.13527.58528.03528.48528.93529.38529.3851625.35525.80526.25526.70527.15527.60528.05528.50528.95529.40529.8551725.36525.81526.26526.71527.16527.61528.05528.55528.95529.42529.8751825.37525.82526.28526.73527.18527.63528.08528.55529.04529.8552025.40525.85526.30526.75527.20527.65528.10528.55529.00529.45529.9052125.41525.86526.31526.76527.21527.66528.11528.66529.01529.46529.9152225.42525.87526.32526.77527.22527.67528.12528.05529.00529.47529.9252325.45525.90526.35526.80527.25527.70528.15528.05529.04529.94529.9452425.43525.98526.34526.78527.24527.74528.14528.65529.04529.9452525.44525.99526.34526.79527.24527.74528.14528.65529.04529.9452525.44525.995 <td< td=""><td></td><td></td><td></td><td></td><td></td><td>+</td><td></td><td>-</td><td></td><td></td><td>-</td><td></td></td<>						+		-			-	
15     25.335     25.785     26.235     26.685     27.135     27.585     28.035     28.485     28.935     29.385       16     25.355     25.805     26.255     26.705     27.155     27.065     28.055     28.505     28.955     29.405     29.855       17     25.365     25.815     26.265     26.715     27.165     27.055     28.055     28.955     29.425     29.425     29.425     29.425     29.435     29.855       19     25.385     25.855     26.285     26.755     27.205     27.655     28.105     28.555     29.005     29.455     29.905       21     25.405     25.855     26.315     26.755     27.205     27.655     28.105     28.555     29.015     29.455     29.905       21     25.455     25.855     26.335     26.755     27.205     28.155     28.055     29.015     29.455     29.915       22     25.455     25.905     26.355     26.795     27.245     28.145     28.55						1						
16   25.355   25.805   26.255   26.705   27.155   27.605   28.055   28.955   29.405   29.495     17   25.365   25.815   26.265   26.715   27.165   27.615   28.065   28.515   28.965   29.415   29.865     18   25.375   25.825   26.275   26.725   27.175   27.625   28.075   28.55   28.985   29.435   29.855     19   25.385   26.355   26.305   26.755   27.165   27.655   28.105   28.555   29.005   29.455   29.905     21   25.415   25.865   26.315   26.765   27.215   27.665   28.115   28.55   29.005   29.915     23   25.455   25.905   26.335   26.755   27.255   27.705   28.155   28.005   29.055   29.955     24   25.455   25.895   26.335   26.755   27.245   27.695   28.145   28.955   29.045   29.945     25   25.445   25.895   26.345   26.755   27.245   27.745   28						-						
1725.36525.81526.26526.71527.16527.61528.06528.51528.96529.41529.8651825.37525.82526.27526.72527.17527.62528.07528.52528.97529.42529.8751925.38525.83526.83526.73527.18527.63528.08528.53528.98529.43529.8852025.40525.86526.30526.75527.20527.65528.10528.55529.00529.45529.9052125.41525.86526.31526.76527.22527.67528.12528.57529.02529.47529.9252325.45525.90526.35526.77527.22527.67528.15528.05529.05529.945529.9252425.43525.89526.33526.78527.24527.68528.15528.05529.04529.94552525.44525.89526.34526.79527.24527.68528.14528.58529.04529.4952525.44525.89526.34526.79527.24527.74528.14528.95529.04529.4952625.44525.99526.34526.81527.27527.74528.14528.64529.04529.9452625.44525.99526.34526.85527.74528.14528.64529.04529.9452725.47525.95526.35526.35527.755<						+						
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19     25.385     26.385     26.735     27.185     27.635     28.085     28.535     28.985     29.435     29.885       20     25.405     25.855     26.305     26.755     27.205     27.655     28.105     28.555     29.005     29.455     29.005       21     25.415     25.865     26.315     26.765     27.215     27.655     28.115     28.565     29.015     29.455     29.015     29.455     29.915       22     25.425     25.875     26.325     26.775     27.25     27.705     28.155     28.605     29.025     29.475     29.925       23     25.445     25.895     26.335     26.785     27.255     27.705     28.145     28.695     29.045     29.945     29.935       24     25.445     25.895     26.345     27.255     27.745     28.145     28.595     29.045     29.945     29.945       25     25.445     25.995     26.345     27.255     27.745     28.145     28.645     29.075			1			î	i			ì		
20     25.405     26.305     26.755     27.205     27.655     28.105     28.555     29.005     29.455     29.005       21     25.415     25.865     26.315     26.765     27.215     27.665     28.115     28.565     29.015     29.465     29.915       22     25.425     25.875     26.325     26.775     27.225     27.705     28.125     28.575     29.025     29.475     29.925       23     25.455     25.905     26.335     26.785     27.235     27.705     28.155     28.605     29.055     29.055     29.955       24     25.445     25.895     26.345     26.795     27.245     27.695     28.145     28.055     29.045     29.495     29.945       25     25.445     25.915     26.365     26.715     27.245     27.715     28.165     29.045     29.155     29.945       26     25.445     25.915     26.375     26.825     27.775     28.175     28.615     29.045     29.515     29.955												
21   25.415   25.865   26.315   26.765   27.215   27.665   28.115   28.565   29.015   29.465   29.915     22   25.425   25.875   26.325   26.775   27.225   27.675   28.125   28.575   29.025   29.475   29.925     23   25.455   25.905   26.355   26.805   27.255   27.705   28.155   28.605   29.055   29.955     24   25.435   25.885   26.335   26.785   27.235   27.685   28.135   28.585   29.035   29.485   29.935     25   25.445   25.895   26.345   26.795   27.245   27.695   28.145   28.595   29.045   29.495   29.945     26   25.445   25.915   26.365   26.815   27.275   27.715   28.165   29.055   29.055   29.955 </td <td></td>												
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2725.47525.92526.37526.82527.27527.72528.17528.62529.07529.52529.9752825.48525.93526.38526.83527.28527.73528.18528.63529.08529.08529.9852925.49525.94526.39526.84527.29527.74528.19528.64529.09529.54529.9953025.50525.95526.40526.85527.30527.75528.20528.65529.10529.55530.0053125.51525.96526.41526.86527.31527.76528.21528.66529.11529.56530.0153225.52525.97526.42526.87527.32527.77528.22528.67529.12529.57530.0253325.53525.98526.43526.88527.33527.78528.23528.68529.13529.58530.0353425.54525.99526.44526.89527.34527.79528.24528.69529.14529.59530.0453525.55526.00526.45526.90527.35527.80528.25528.70529.14529.59530.0453625.56526.01526.45526.90527.35527.80528.25528.70529.15529.60530.0553625.56526.01526.45526.91527.36527.82528.25528.71529.16529.61530.055 <tr< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr<>												
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30     25.505     25.955     26.405     26.855     27.305     27.755     28.205     28.655     29.105     29.555     30.005.       31     25.515     25.965     26.415     26.865     27.315     27.765     28.215     28.665     29.115     29.565     30.015       32     25.525     25.975     26.425     26.875     27.325     27.775     28.225     28.675     29.125     29.575     30.025       33     25.535     25.985     26.435     26.885     27.335     27.785     28.235     28.685     29.135     29.585     30.025       34     25.545     25.995     26.445     26.895     27.345     27.795     28.245     28.695     29.145     29.595     30.045       35     25.545     26.905     26.495     27.345     27.805     28.245     28.695     29.145     29.595     30.045       36     25.555     26.005     26.445     26.905     27.345     27.815     28.245     28.715     29.165			25.945	26.395	26.845						29.545	29.995
31     25.515     25.965     26.415     26.865     27.315     27.765     28.215     28.665     29.115     29.565     30.015       32     25.525     25.975     26.425     26.875     27.325     27.775     28.225     28.675     29.125     29.575     30.025       33     25.535     25.985     26.435     26.885     27.335     27.785     28.235     28.685     29.135     29.585     30.025       34     25.545     25.995     26.445     26.895     27.345     27.795     28.245     28.695     29.145     29.595     30.045       35     25.555     26.005     26.445     26.995     27.345     27.805     28.245     28.195     29.145     29.595     30.045       35     25.555     26.005     26.445     26.905     27.345     28.245     28.705     29.155     29.605     30.055       36     25.565     26.015     26.475     26.925     27.375     27.825     28.755     28.715     29.165		25.505	25.955	26.405	26.855		27.755	28.205	28.655	29.105	29.555	30.005.
33     25.535     25.985     26.435     26.885     27.335     27.785     28.235     28.685     29.135     29.585     30.035       34     25.545     25.995     26.445     26.895     27.345     27.795     28.245     28.695     29.145     29.595     30.045       35     25.555     26.005     26.455     26.905     27.355     27.805     28.255     28.705     29.155     29.605     30.045       36     25.565     26.015     26.455     26.905     27.355     27.805     28.255     28.705     29.155     29.605     30.045       36     25.565     26.015     26.455     26.915     27.365     28.265     28.715     29.165     29.615     30.065       37     25.575     26.025     26.475     26.925     27.375     28.275     28.725     29.175     29.625     30.075       38     25.585     26.035     26.485     26.935     27.385     28.285     28.745     29.195     29.645     30.085 <	31	25.515		26.415	26.865	27.315	27.765	28.215		29.115	29.565	30.015
34     25.545     25.995     26.445     26.895     27.345     27.795     28.245     28.695     29.145     29.595     30.045       35     25.555     26.005     26.455     26.905     27.355     27.805     28.255     28.705     29.145     29.605     30.055       36     25.565     26.015     26.465     26.915     27.365     27.815     28.265     28.715     29.165     29.615     30.065       37     25.575     26.025     26.475     26.925     27.375     27.825     28.275     28.725     29.175     29.625     30.065       37     25.575     26.025     26.475     26.925     27.375     27.825     28.725     29.175     29.625     30.075       38     25.585     26.035     26.485     26.935     27.385     28.285     28.735     29.185     29.635     30.085       39     25.595     26.045     26.945     27.395     27.845     28.295     28.745     29.195     29.645     30.095	32	25.525	25.975	26.425	26.875	27.325	27.775	28.225	28.675	29.125	29.575	30.025
34     25.545     25.995     26.445     26.895     27.345     27.795     28.245     28.695     29.145     29.595     30.045       35     25.555     26.005     26.455     26.905     27.355     27.805     28.255     28.705     29.145     29.605     30.055       36     25.565     26.015     26.465     26.915     27.365     27.815     28.265     28.715     29.165     29.615     30.065       37     25.575     26.025     26.475     26.925     27.375     27.825     28.275     28.725     29.175     29.625     30.065       37     25.575     26.025     26.475     26.925     27.375     27.825     28.725     29.175     29.625     30.075       38     25.585     26.035     26.485     26.935     27.385     28.285     28.735     29.185     29.635     30.085       39     25.595     26.045     26.945     27.395     27.845     28.295     28.745     29.195     29.645     30.095	33		25.985			1			28.685	29.135	29.585	30.035
35     25.555     26.005     26.455     26.905     27.355     27.805     28.255     28.705     29.155     29.605     30.055       36     25.565     26.015     26.465     26.915     27.365     27.815     28.265     28.715     29.155     29.615     30.055       37     25.575     26.025     26.475     26.925     27.375     27.825     28.275     28.725     29.175     29.625     30.075       38     25.585     26.035     26.495     26.935     27.385     27.825     28.285     28.735     29.185     29.625     30.075       38     25.585     26.035     26.495     26.935     27.385     27.835     28.285     28.735     29.185     29.635     30.085       39     25.595     26.045     26.945     27.395     27.845     28.295     28.745     29.195     29.645     30.095						-				-		30.045
36     25.565     26.015     26.465     26.915     27.365     27.815     28.265     28.715     29.165     29.615     30.065       37     25.575     26.025     26.475     26.925     27.375     27.825     28.275     28.725     29.175     29.625     30.075       38     25.585     26.035     26.485     26.935     27.385     27.825     28.285     28.735     29.185     29.635     30.085       39     25.595     26.045     26.945     27.395     27.845     28.295     28.745     29.195     29.645     30.085	35	25.555	26.005		26.905	27.355	27.805	28.255	28.705	29.155	29.605	30.055
37   25.575   26.025   26.475   26.925   27.375   27.825   28.275   28.725   29.175   29.625   30.075     38   25.585   26.035   26.485   26.935   27.385   27.825   28.285   28.735   29.185   29.635   30.085     39   25.595   26.045   26.495   26.945   27.395   27.845   28.295   28.745   29.195   29.645   30.095	36	25.565	26.015	26.465	26.915	27.365	27.815	28.265	28.715	29.165		30.065
39     25.595     26.045     26.495     26.945     27.395     27.845     28.295     28.745     29.195     29.645     30.095			26.025		26.925		27.825		28.725		29.625	30.075
39     25.595     26.045     26.495     26.945     27.395     27.845     28.295     28.745     29.195     29.645     30.095	38	25.585	26.035	26.485	26.935	27.385	27.835	28.285	28.735	29.185	29.635	30.085
40 25.605 26.055 26.505 26.955 27.405 27.855 28.305 28.755 29.205 29.655 30.105	39	25.595	26.045	26.495	26.945	27.395	27.845	28.295	28.745	29.195	29.645	30.095
	40	25.605	26.055	26.505	26.955	27.405	27.855	28.305	28.755	29.205	29.655	30.105

Note: Band K is omitted because it cannot be displayed on a LED Indicator