



Reimesch Kommunikationssysteme

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Dear Mr. Leuschner

We hereby certify that we have carried out the conversion of the radio module STD-302S 458 MHz for the frequency range 456.300 MHz to 457.800 MHz. For this purpose, the SAW filters in the transmitter and receiver branches were replaced by a filter (see attached block diagram on page 2) from TAI SAW (TA1087) and the VCO was adjusted to the center frequency of the range. This modification preserves all other technical data of the STD-302S 458 MHz (see Operation Guide og_std_302s-458M).

Relevant documents:

Data sheet of the SAW filter TA1087 from TAI SAW (TA1087A _Rev.1.0_.pdf)
Operation Guide of the STD-302 458MHz (og_std_302s-458M.pdf)

Best Regards

Christian Reimesch, CEO

Bergisch Gladbach, July 24, 2019

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BLOCK DIAGRAM STD-302S 456MHz

