30 - 6000 MHz Transmitter

Sheet: /
File: Transmitter.sch
Title: RF Transmitter

<table>
<thead>
<tr>
<th>Size: A4</th>
<th>Date</th>
<th>Rev: 01</th>
</tr>
</thead>
<tbody>
<tr>
<td>KiCad E.D.A.</td>
<td>4.3.4-stable</td>
<td>Id: 1/6</td>
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</tbody>
</table>
20MHz - 6 GHz synthesizer

Title: RF Transmitter

Sheet: /VCO/
File: VCO.sch
Insertion loss:
0-4 GHz: 0.5 dB
4-6 GHz: 1.2 dB
J1, J2 0.3 dB less loss at > 50Hz

Switches between the LP filter banks 0.1 - 6 GHz
Programmable Attenuator and 12 dB amplifier

Sheet: /Power Amplifier/  
File: tx_amp.sch

Title: RF Transmitter

File: tx_amp.sch

Date: 2016-07-27  
Rev: 01

KiCad E.D.A. kicad 4.0.4-stable  
Size: A4  
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Directional coupler and power detectors

File: Detectors.sch
Sheet: /RF Detectors/
Title: RF Transmitter

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