

Product Information: Rev 1A, Issue Mar 2016

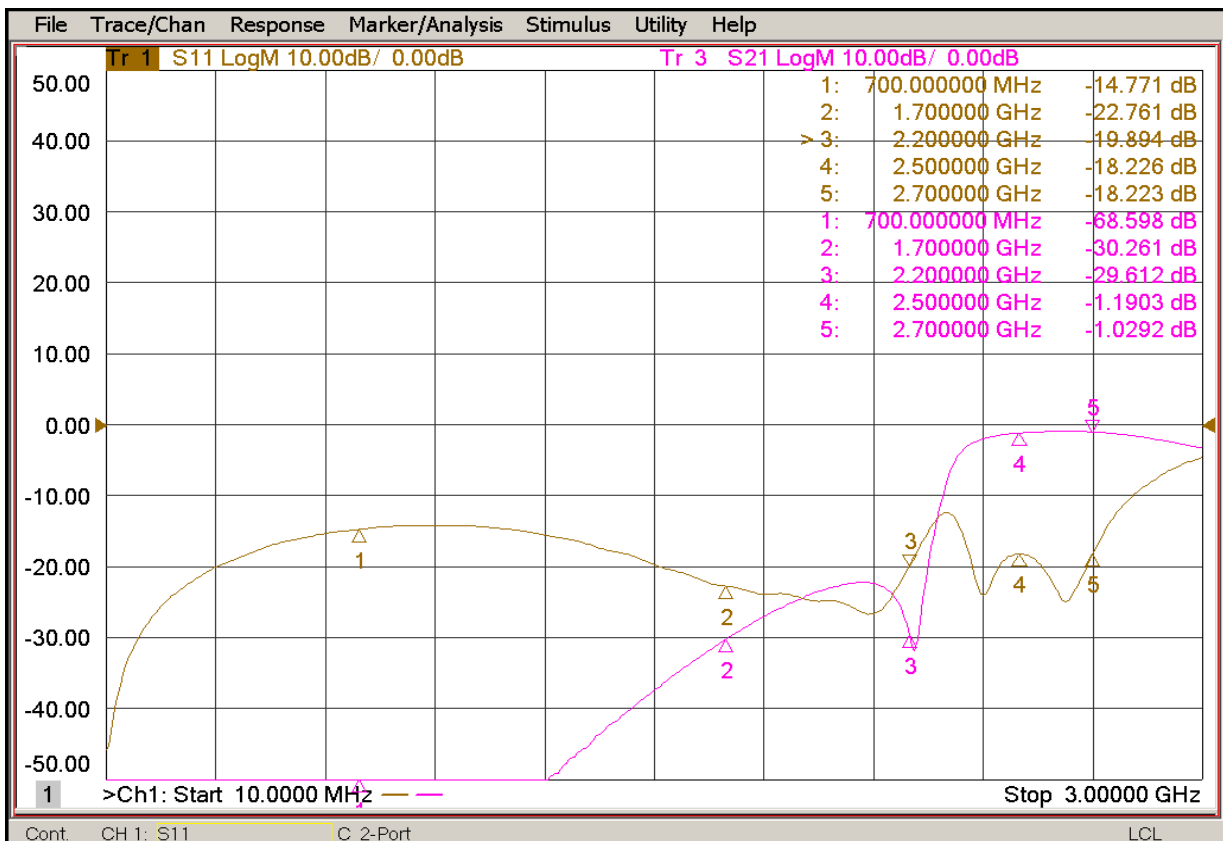
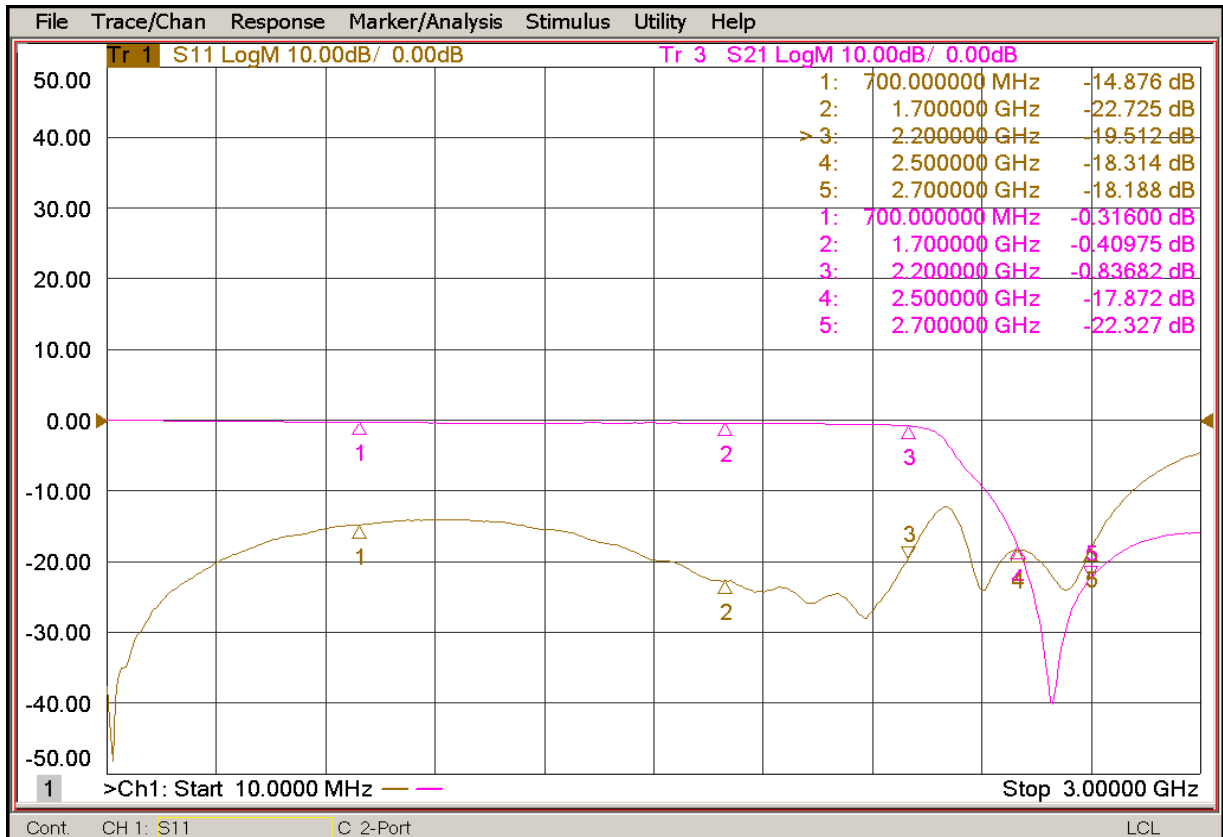
Rantelon diplexer DX2125 does combine 1 and 7 LTE bands widely used in Europe. DX2125 allows bi-directional communication over a single channel permitting to share a common antenna for both bands. Low band is optimized for LTE bands 1 and 3 but it can be used also on lower frequencies in bands 8, 20 and 28.



## TECHNICAL SPECIFICATIONS

<b>Number of ports</b>	3
<b>Frequency:</b> Common to PORT1 (HIGH, BAND 7) Common to PORT2 (LOW, BAND 1)	2500-2700MHz DC-2200MHz
<b>Insertion loss (averaged):</b> Band 1 Band 3 Band 7 Band 28	0.6dB 0.4dB 0.9dB 0.3dB
<b>Return loss (averaged):</b> Band 1 Band 3 Band 7 Band 28	20dB 20dB 17dB 15dB
<b>Ripple in passbands</b>	0.5dB max
<b>Rejection</b>	20dB
<b>Impedance</b>	50Ω
<b>Dimensions</b>	57x40x17mm
<b>Operatioin temperature</b>	-40...+85°C
<b>Connectors</b>	SMA or N

\* Measured at temperature T=+25°C



Rantelon reserves the right to change the specification without notice.