

Product Information: Rev 1A, Issue Mar 2016

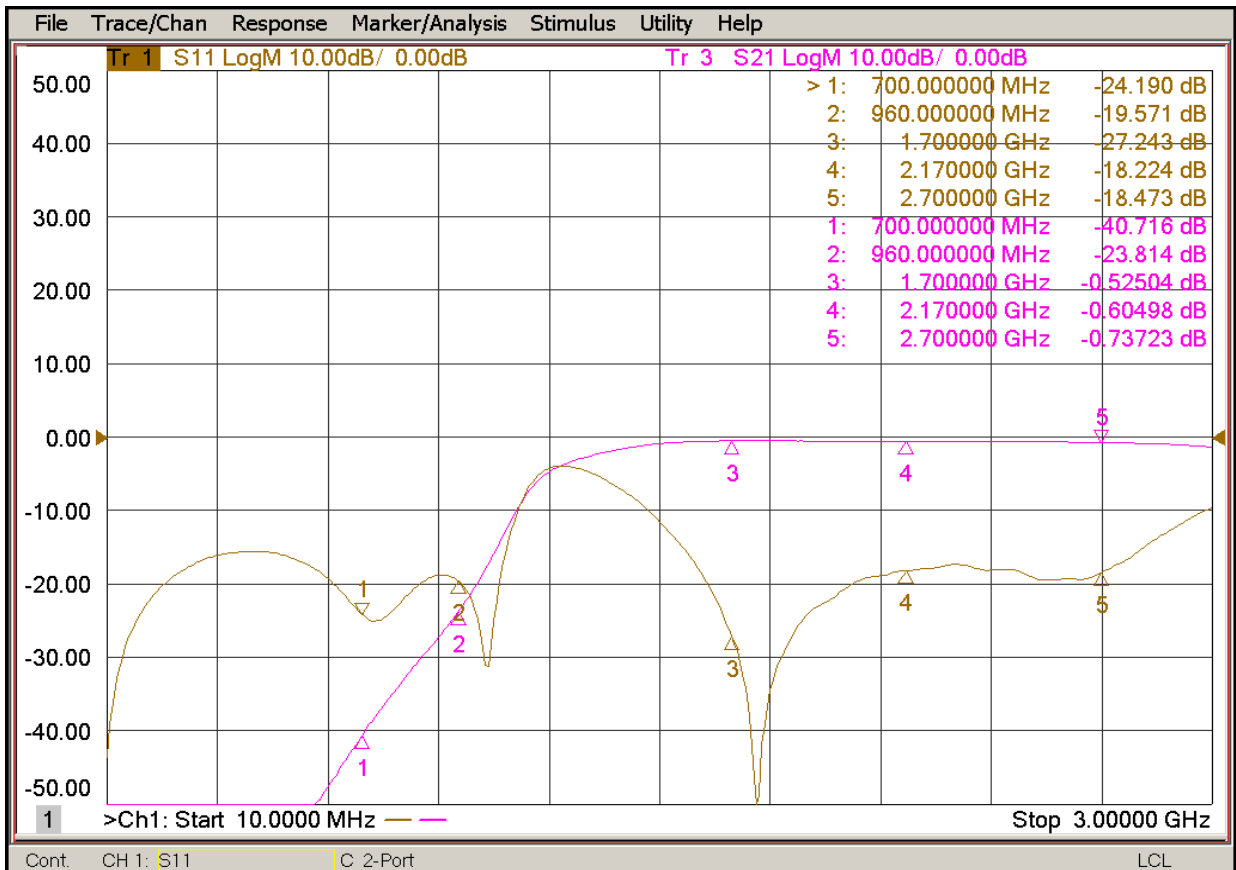
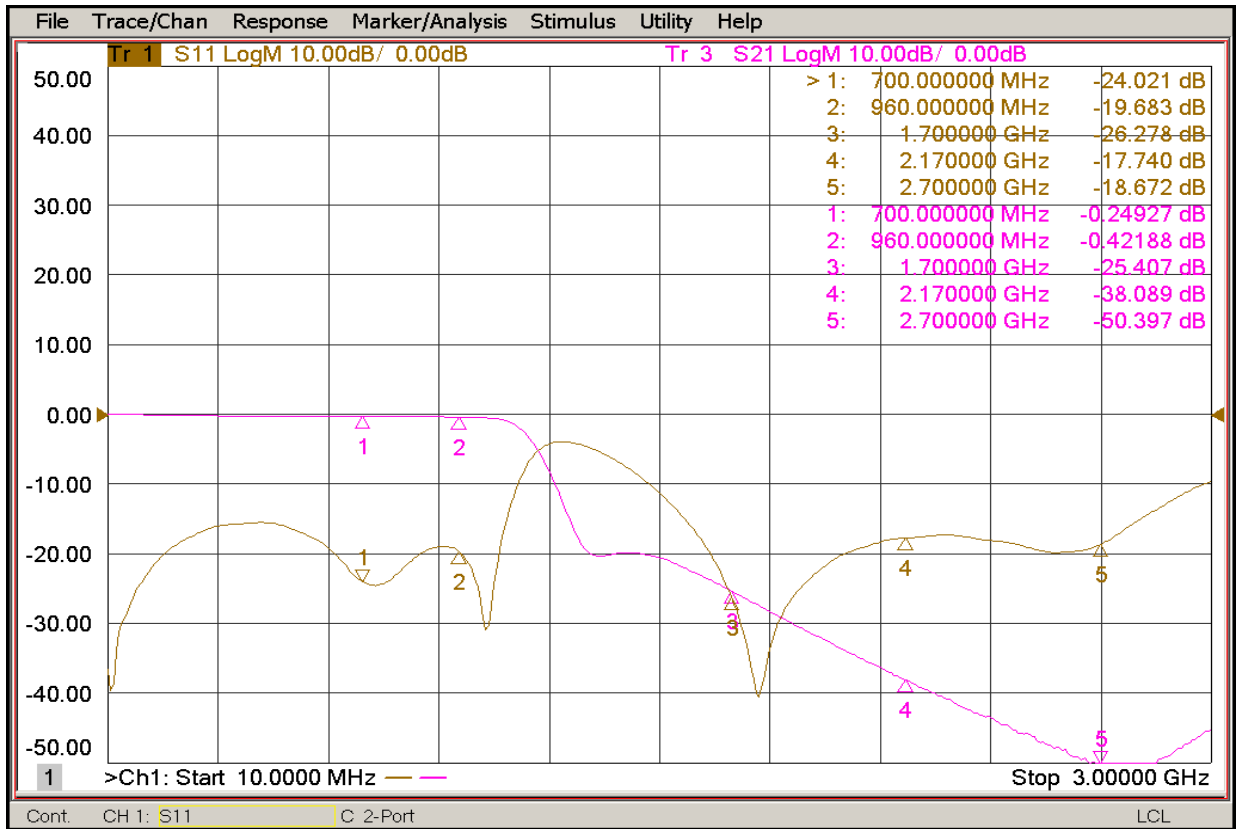
Rantelon diplexer DX1017H does combine 3 and 8 LTE bands widely used in Europe. DX1017H allows bi-directional communication over a single channel permitting to share a common antenna for both bands. Low band is optimized for LTE bands 8, 20 and 28 but it can be used also on lower frequencies. High band is optimized for simultaneous use of LTE bands 3, 1 or 7. It can be used also in 2.4GHz band.



## TECHNICAL SPECIFICATIONS

Number of ports	3
Frequency:	1700-2700MHz DC-1000MHz
Common to PORT1 (HIGH, BAND 3) Common to PORT2 (LOW, BAND 8)	
Insertion loss (averaged):	
Band 3	0.5dB
Band 7	0.6dB
Band 8	0.4dB
Band 28	0.3dB
Return loss (averaged):	
Band 3	20dB
Band 7	17dB
Band 8	20dB
Band 28	20dB
Ripple in passbands	0.3dB max
Rejection	25dB
Impedance	50Ω
Dimensions	57x40x17mm
Operatioin temperature	-40...+85°C
Connectors	SMA or N

\* Measured at temperature T=+25°C



Rantelon reserves the right to change the specification without notice.