

Product Information: Rev 1A, Issue Nov 2015

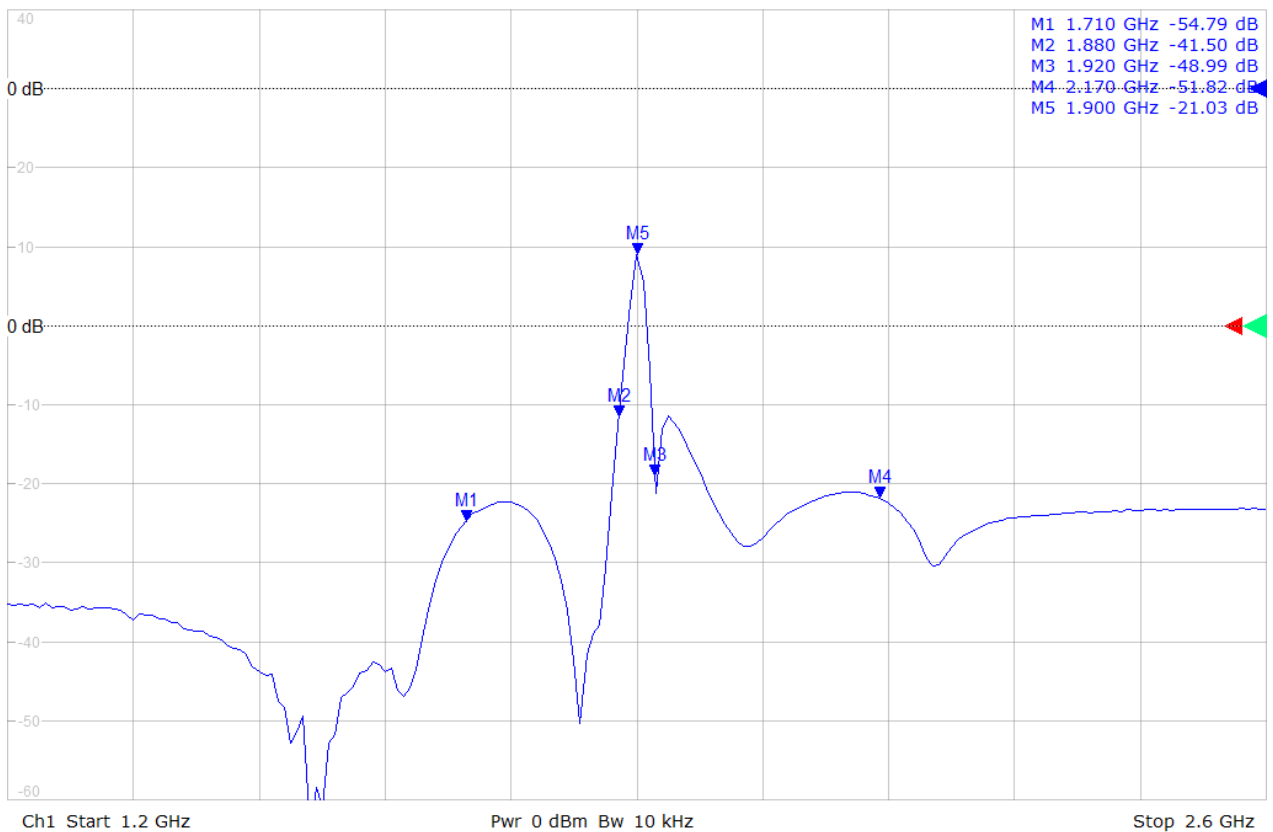
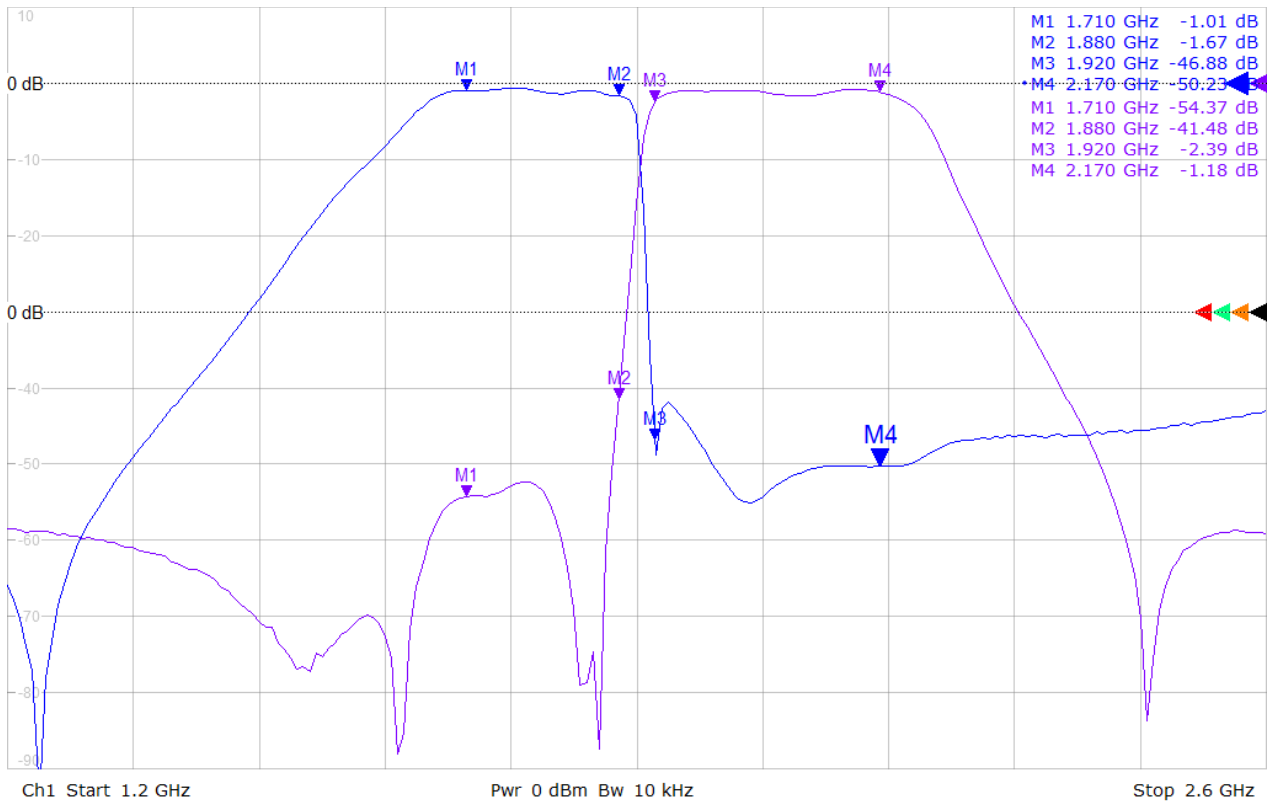
Rantelon diplexer DX1821 does combine 1 and 3 LTE bands widely used in Europe. DX1821 allows bi-directional communication over a single channel permitting to share a common antenna for both bands.



TECHNICAL SPECIFICATIONS

Number of ports	3
Frequency:	
Common to DCS (LTE3)	1710-1880MHz
Common to UMTS (LTE1)	1920-2170MHz
Insertion loss:	
in DCS band	1.7dB
in UMTS band	1.9dB
Ripple in passbands	1.3dB
Rejection	40dB
Impedance	50Ω
Input power	2W
Return loss	12dB
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.