ANTENNA DESCRIPTION

Applicant:	IDENTEC SOLUTIONS AG
Model:	IDS1009
Product name:	iQ350 RNB

1.1 RF antenna

Description:	LTE antenna ANTENOVA SR4L002 UHF antenna 902-928MHz
RF characteristics:	

	698-824MHZ	824-960MHZ	1710-2170MHZ
PEAK GAIN	0.5dBi	1.0dBi	2.5dBi
AVERAGE GAIN (LINEAR)	-1.5dBi	-1.5dBi	-1.5dBi
AVERAGE EFFICIENCY	>45%	>60%	>65%
MAXIMUM RETURN LOSS	-6.0dB	-6.0dB	-6.0dB
MAXIMUM VSWR	3.2:1	2.8:1	3.1:1

	2300-2400MHZ	2500-2690MHZ
PEAK GAIN	1.6dBi	2.5dBi
AVERAGE GAIN (LINEAR)	-2.0dBi	-2.0dBi
AVERAGE EFFICIENCY	>50%	>50%
MAXIMUM RETURN LOSS	-10.0dB	-5.0dB
MAXIMUM VSWR	1.7:1	3.4:1

All data measured on Antenova's evaluation PCB Part No. SR4L002-EVB-1

Photo:	 antenova® SR4L002 2 120. ublox® 12 22/23 01B-00 SARA-R510S 895100.1414.000 IMEI: 351457831663171 FCC ID: XPYUBX19KM01 IC: 8595A-UBX19KM01 Made in Austria	