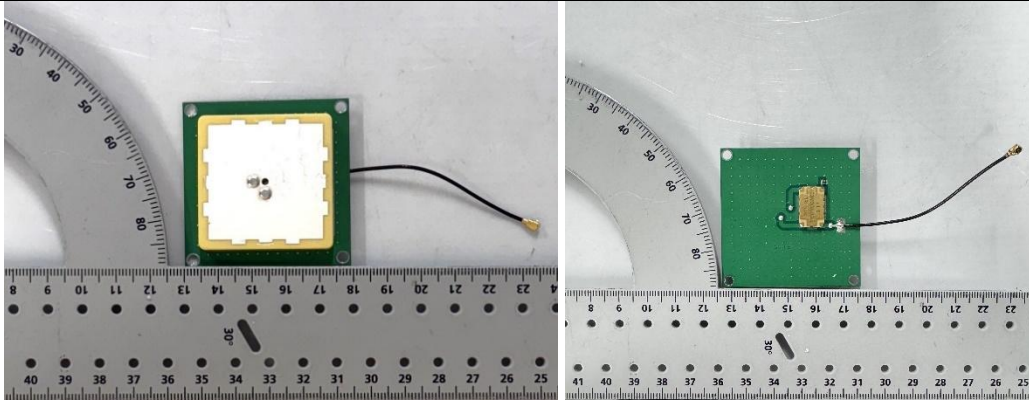


ANTENNA DESCRIPTION

Applicant:	IDENTEC SOLUTIONS AG
Model / HVIN:	IDS1016
Product name / PMN:	iMark BP

1.1 RF antenna 1 (902-928MHz)

Description:	Reference: SS-RUI4050HP502-RF1.13L70IPEX jk Ceramic patch antenna <table><tr><td>1</td><td>Antenna model</td><td>40*40*5mm</td></tr><tr><td>2</td><td>Frequency Range</td><td>902MHz~928MHz</td></tr><tr><td>3</td><td>Return loss</td><td><-10dB</td></tr><tr><td>4</td><td>Band With@RL=-10dB</td><td>> 20MHz</td></tr><tr><td>5</td><td>Gain@Zenith</td><td>3.0dBi</td></tr><tr><td>6</td><td>Impedance</td><td>50 Ω</td></tr><tr><td>7</td><td>Polarization</td><td>RHCP</td></tr><tr><td>8</td><td>Axial Ratio@Zenith</td><td><3dB</td></tr></table>			1	Antenna model	40*40*5mm	2	Frequency Range	902MHz~928MHz	3	Return loss	<-10dB	4	Band With@RL=-10dB	> 20MHz	5	Gain@Zenith	3.0dBi	6	Impedance	50 Ω	7	Polarization	RHCP	8	Axial Ratio@Zenith	<3dB
1	Antenna model	40*40*5mm																									
2	Frequency Range	902MHz~928MHz																									
3	Return loss	<-10dB																									
4	Band With@RL=-10dB	> 20MHz																									
5	Gain@Zenith	3.0dBi																									
6	Impedance	50 Ω																									
7	Polarization	RHCP																									
8	Axial Ratio@Zenith	<3dB																									
Photo:																											

1.3 RF antenna (LF @ 125kHz, external coil antenna, IDS1016)

Description:	LF 125kHz (coil antenna)
Photo:	iMark BP (External LF loop antenna) Size is 212mm X 212mm (30 Windings) 