

MOTO Touch Screen Intercom Specification

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Wesley Wang

Antenna Design Department

Only radiated measurements are used to show compliance with FCC limits for fundamental and spurious emissions

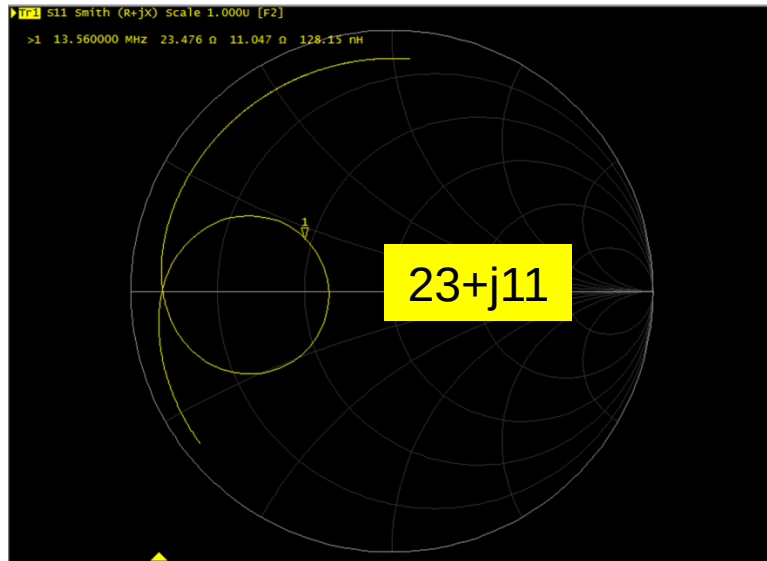
1.Parameters

Supplier information	
Supplier Part No.	RFNFC754100NNFB002
Supplier address:	No. 11, Keyi Street, 11 Gongyi Lane, Zhunan Town, Miaoli County

NFC antenna parameters	
Operating frequency	13.56MHz
Sensing distance	0~3cm
Size	75*41.5
Antenna material	FPC+Ferrite
Antenna type	Loop
Inductor value	1.5uH

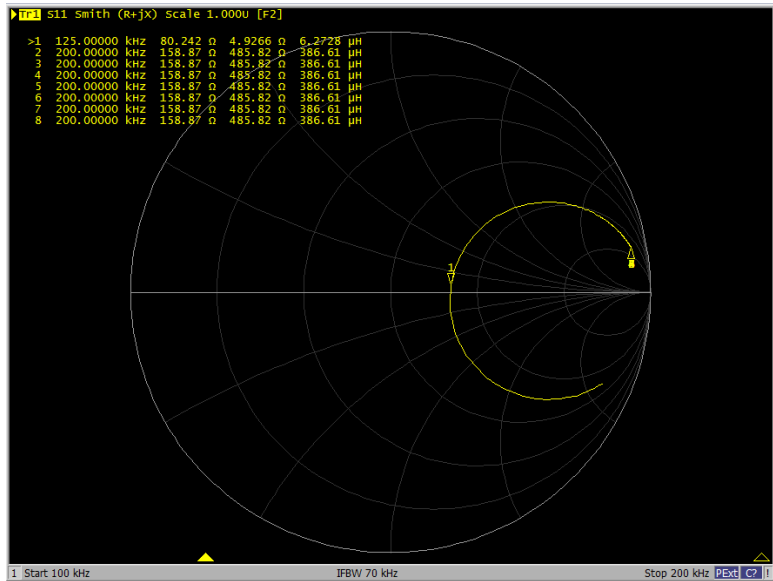
RFID antenna parameters	
Operating frequency	125KHz
Sensing distance	0~3cm
Size	64*33.4 mm
Antenna material	Coil wire 0.15mm
Antenna type	Loop
Inductor value	550uH

3.NFC matching circuit



Component	Value
C61/C62	470p
C67/C71	220p
C63/C75	82p
C64/C77	NA
C69/C73	56p
C65/C74	100p
R51/R55	0

3.RFID matching circuit



Component	Value
C114	1500p
C87	1000p

