



Measuring Instruments For Wireless Communications

Inspected by	Approval by
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Inspection Record

Product		Inspection	
Description	Pneumatic Shield Box	Date of Test	2022-06-14
Model No.	TC-5530BP	Temperature	25 ±2 °C
Serial No.	5530BP000169	Humidity	< 55%

1. Shield Effect

Equipment Used:

Model Number	Model Description	Serial No.
MS2663C	Spectrum Analyzer	6200050489
TC-92020A	Dipole Antenna(900MHz~1.8GHz)	-
TC-92040A	Dipole Antenna(2.4GHz)	-
TC-92030A	Sleeve Antenna(5.8GHz)	-
TC-94017A	Mini SG KIT	-
N5227A	Network Analyzer (Max. 67GHz)	-
-	Double Rigid Horn Antenna (6GHz ~ 67GHz)	-
Power AMP.	Benchtop RF System AMP.	RAMP00M65GA

Measurement Report

S/N	Frequency	Results			Remarks
		Min	Actual		
5530BP000169	900MHz	-60dB	-89dB	Pass	-
	1800MHz	-60dB	-87dB	Pass	
	2400MHz	-70dB	-84dB	Pass	
	5800MHz	-70dB	-77dB	Pass	
	6GHz~18GHz	-	-111dB	-	
	18GHz~32GHz	-	-96dB	-	
	32GHz~40GHz	-	-87dB	-	
	40GHz~50GHz	-	-72dB	-	

* The shield effectiveness above is measured using TESCOM test module