

Platform Profile	
Platform Name	19UT-N
Mockup Type/Version	PIFA
Vendor	Linking
Lab equipment	
Cable Length WLAN / Main with WLAN	Black/120mm
Cable Length WLAN / Aux with WLAN	
Date	2022/11/3

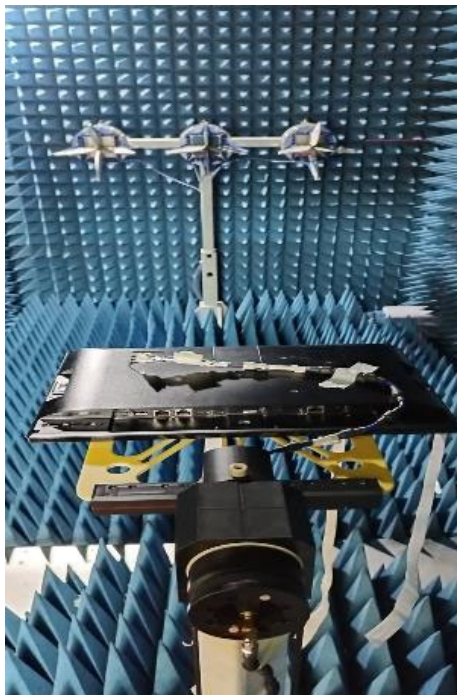
Antenna Cable Routing and Antenna Placement based on XX phase unit

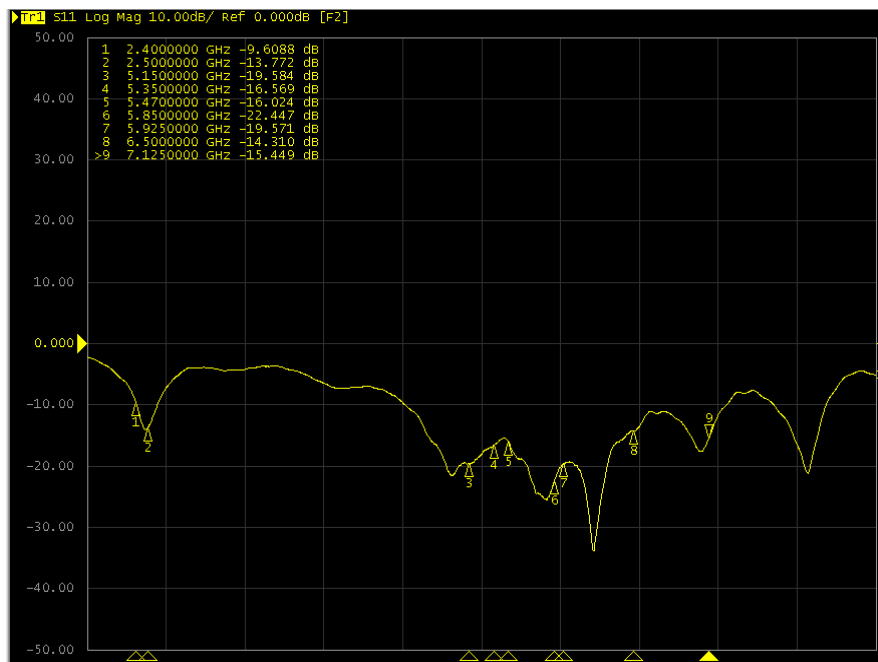
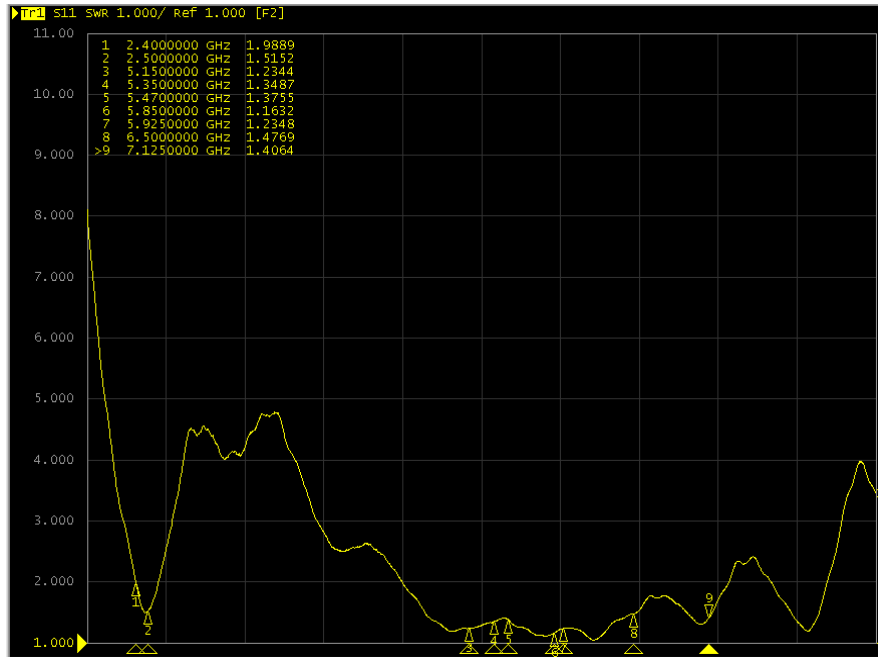
(Pls add cable length, antenna body picture, antenna dimension and cable OD)

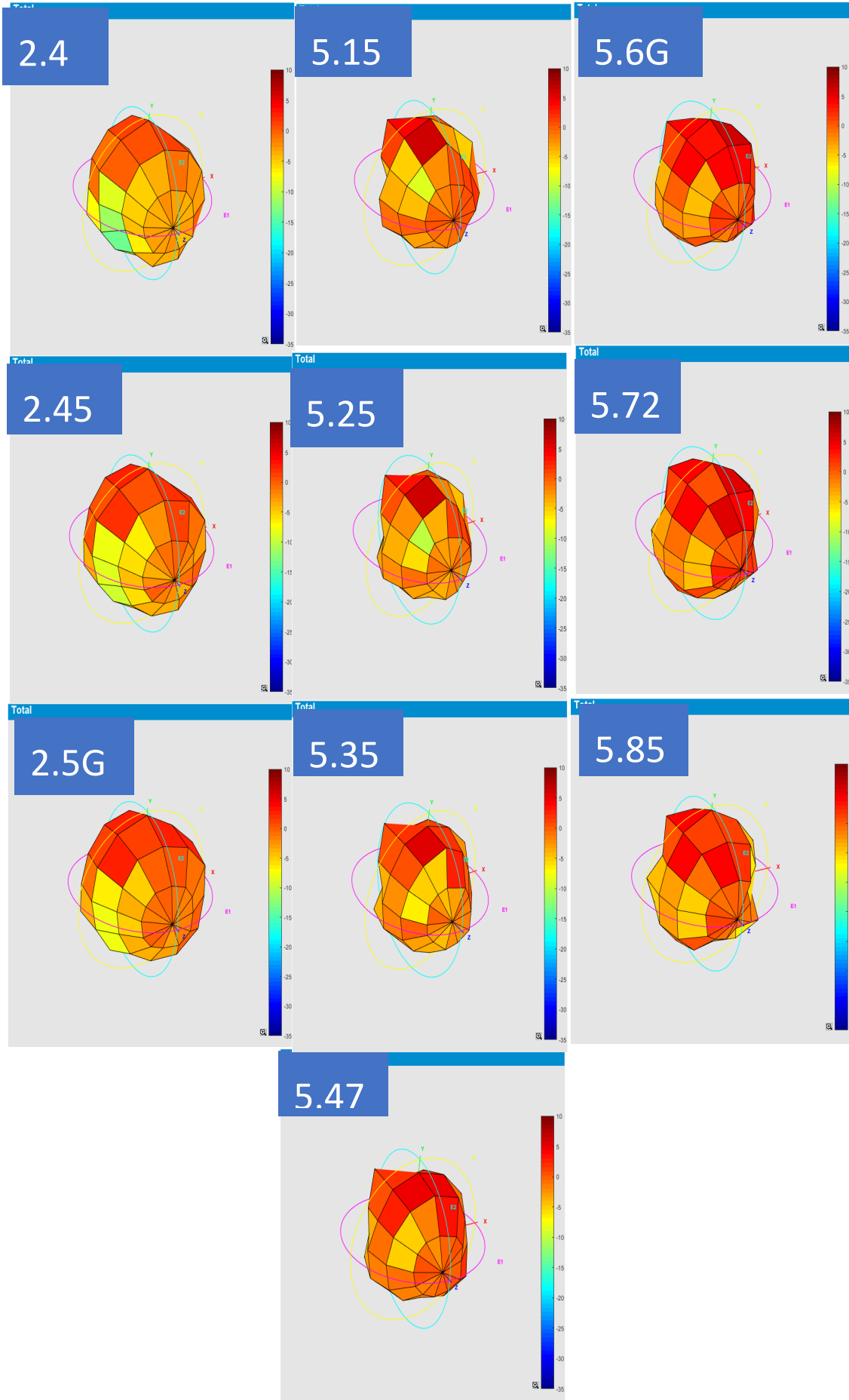


Fill in green box with antenna gain data

Antenna (Cable color) / Band / Frequency			Black		
			Antenna Gain		
			Gain	Efficiency	Peak Gain
WLAN Main (Black)	802.11g	2400	-2.83	52.12%	0.97
		2450	-2.68	53.95%	1.44
		2500	-2.03	62.66%	1.96
	802.11a	5150	-2.93	50.93%	3.90
		5250	-2.65	54.33%	4.39
		5350	-2.48	56.49%	4.11
		5470	-2.67	54.08%	4.56
		5600	-2.23	59.84%	4.47
		5725	-2.15	60.95%	3.27
		5850	-3.01	50.00%	2.66







Intel Reference Gain/Type/ Separation distance											
Antenna Type	Antenna Peak gain (In dBi)*									Distance to the end user (mm)	
	2.4GHz	5.2GHz	5.3GHz	5.6GHz	5.8GHz	6.2GHz	6.5GHz	6.7GHz	7.0GHz	Generic: refer to modular FCC SAR report Mid-power: ≥ 8 mm Low power: ≥ 5 mm	
	2400-2483.5 MHz	5150- 5250MHz	5250- 5350MHz	5470- 5725MHz	5725- 5850MHz	5925- 6425MHz	6425- 6525MHz	6525- 6875MHz	6875- 7125MHz		
Design	3	5	5	5	5	5	5	5	5		
PIFA	3.24	3.64	3.73	4.77	4.97	4.83	4.3	5.37	5.59		
Dipole	2.89	2.92	3.19	4.41	4.22	4.83	4.3	4.49	5.34		