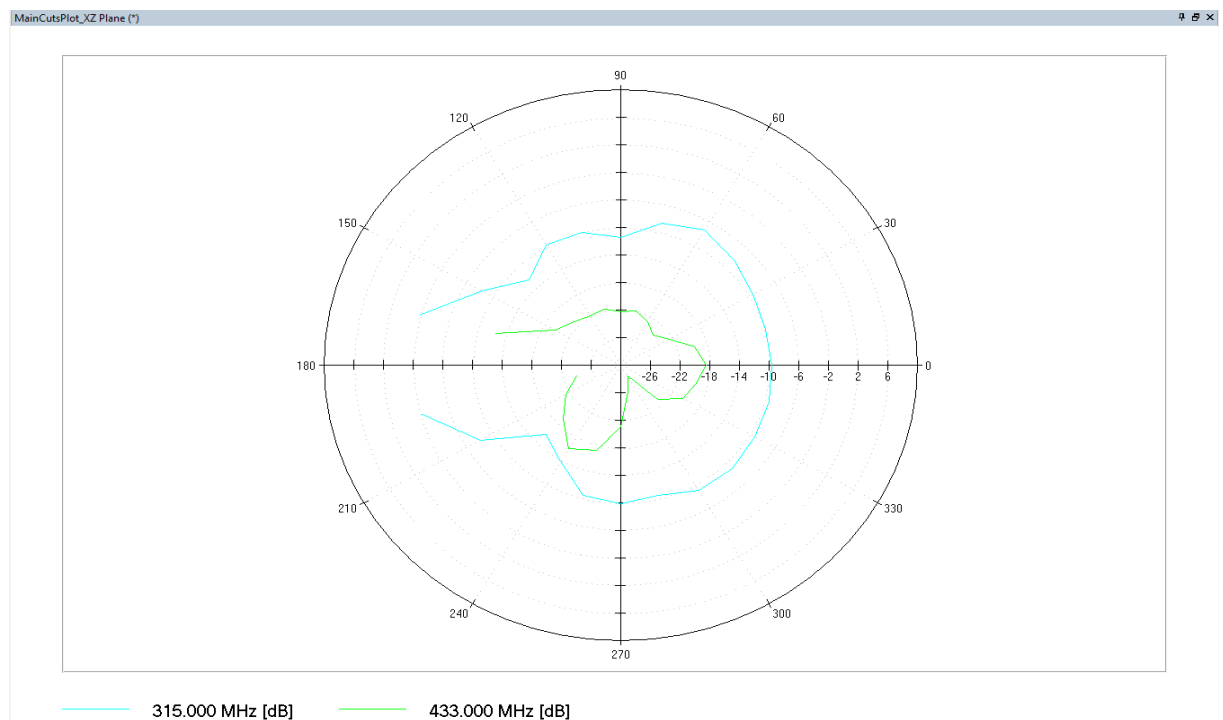
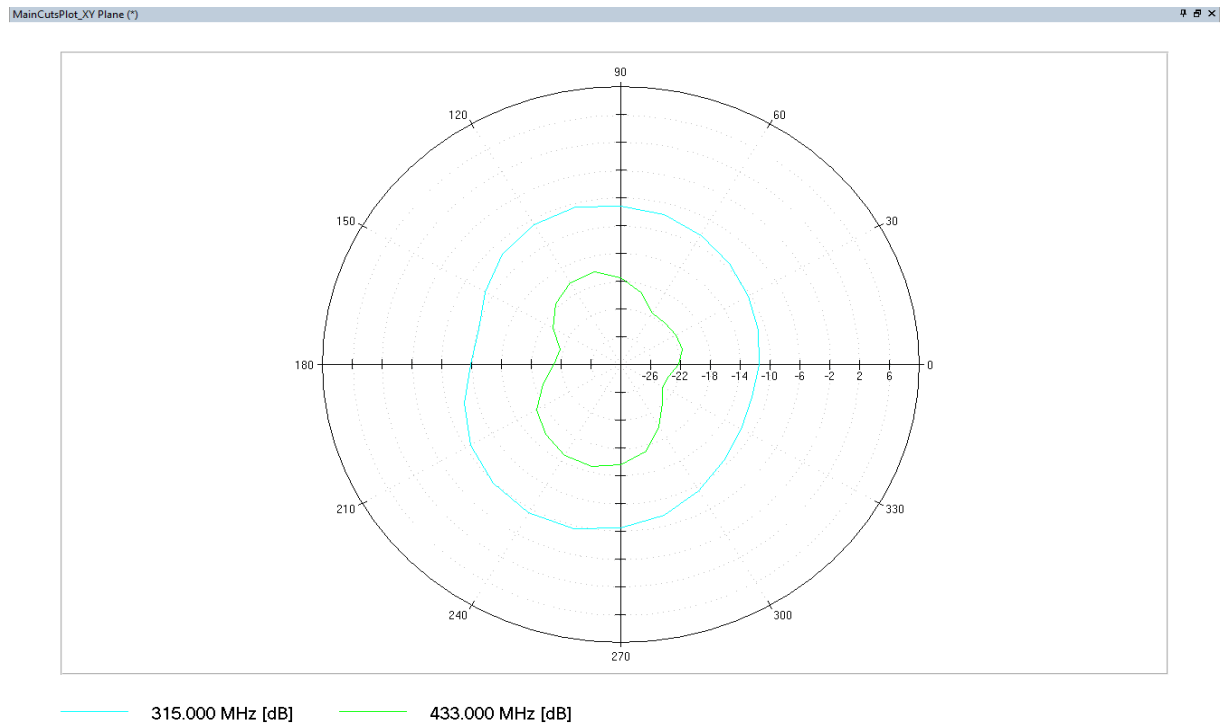
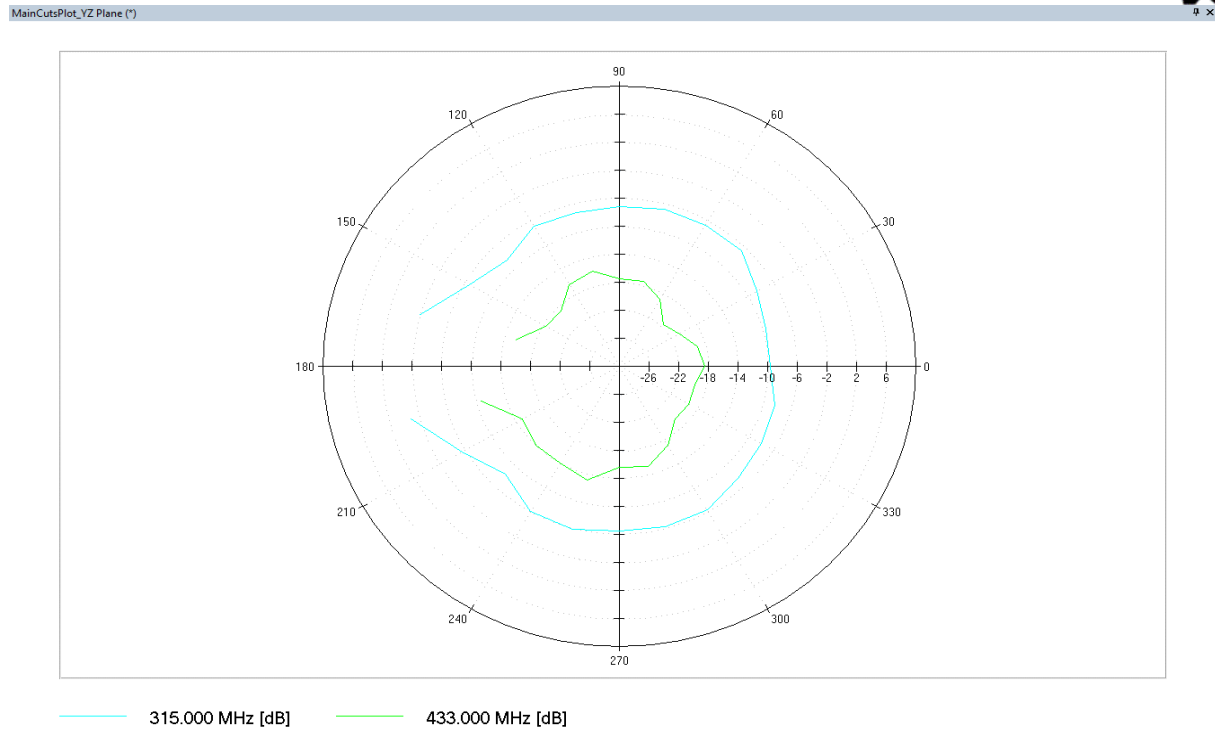


Manufacturer	Volex (Asia) Pte Ltd	Date	17/10/2023
Product	NACS EV Charging Connector Antenna	Tested by	Carl

Si4010-C2-ATR			
Frequency	Efficiency(dB)	Efficiency(%)	Peak Gain
300.00	-8.54	14.00	-0.85
305.00	-8.25	14.97	-0.92
310.00	-7.92	16.16	-0.97
315.00	-7.58	17.48	-0.71
320.00	-7.11	19.44	-0.05
325.00	-6.68	21.49	0.40
330.00	-6.25	23.73	0.98
340.00	-5.93	25.52	1.47
350.00	-5.77	26.50	1.67
360.00	-8.26	14.92	-2.10
370.00	-5.81	26.24	1.58
380.00	-6.27	23.61	1.65
390.00	-11.16	7.66	-2.89
400.00	-7.02	19.87	1.56
405.00	-6.95	20.20	1.56
410.00	-8.26	14.91	0.19
415.00	-10.35	9.24	-1.98
420.00	-13.93	4.04	-6.05
425.00	-19.61	1.09	-13.64
430.00	-19.92	1.02	-12.49
433.00	-17.89	1.63	-10.12
440.00	-14.48	3.56	-6.75
445.00	-12.45	5.69	-4.52
450.00	-11.13	7.71	-2.67
455.00	-10.20	9.54	-1.99
460.00	-9.43	11.41	-1.39
470.00	-9.74	10.63	-2.70
480.00	-13.19	4.79	-6.60
490.00	-18.60	1.38	-13.15
500.00	-13.21	4.78	-7.96

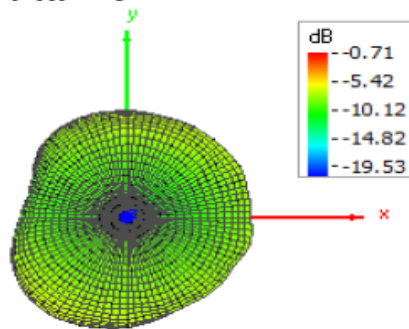
Plots



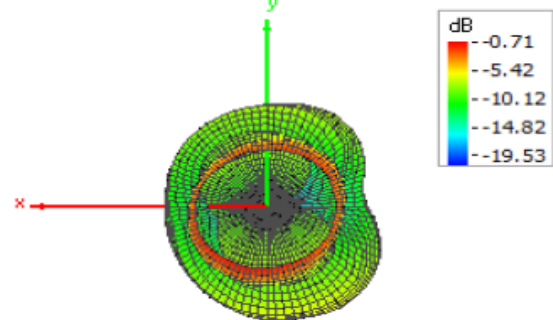


315 MHz

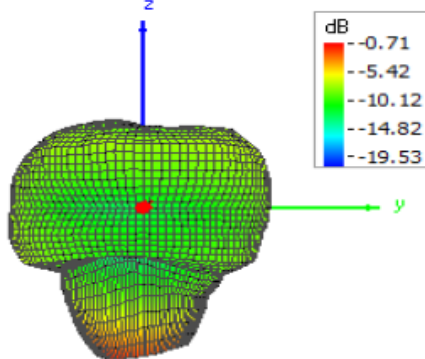
Theta = 0, Phi = 0



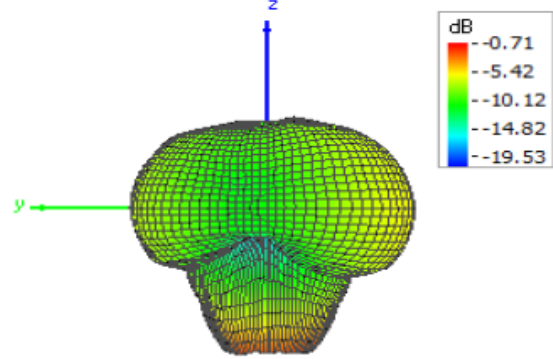
Theta = 180, Phi = 0



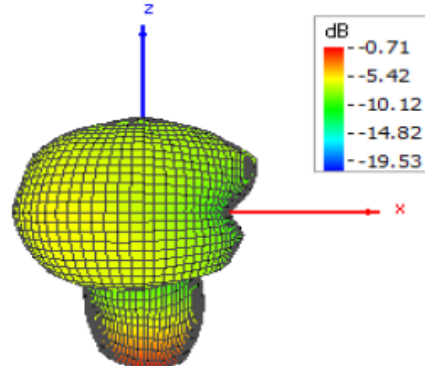
Theta = 90, Phi = 0



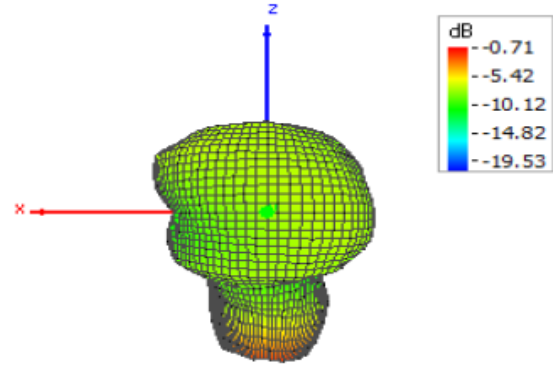
Theta = 90, Phi = 180



Theta = 90, Phi = 270

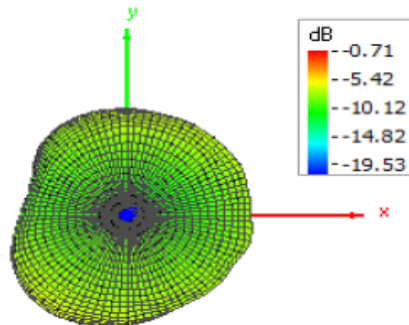


Theta = 90, Phi = 90

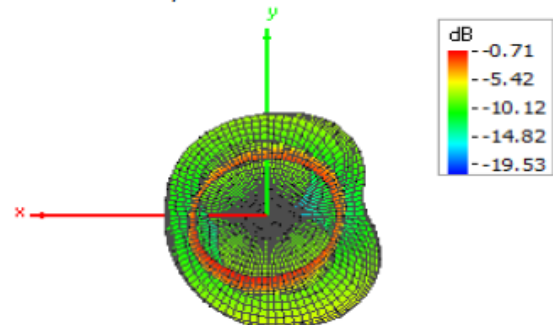


433 MHz

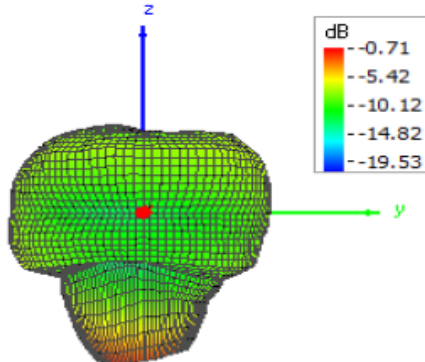
Theta = 0, Phi = 0



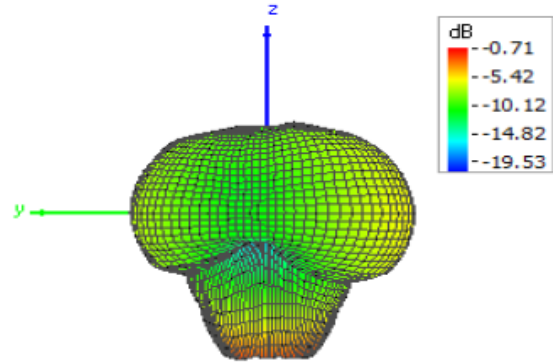
Theta = 180, Phi = 0



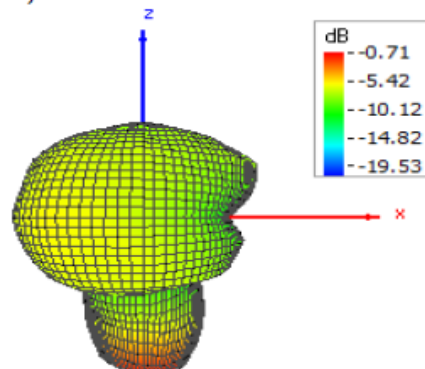
Theta = 90, Phi = 0



Theta = 90, Phi = 180



Theta = 90, Phi = 270



Theta = 90, Phi = 90

