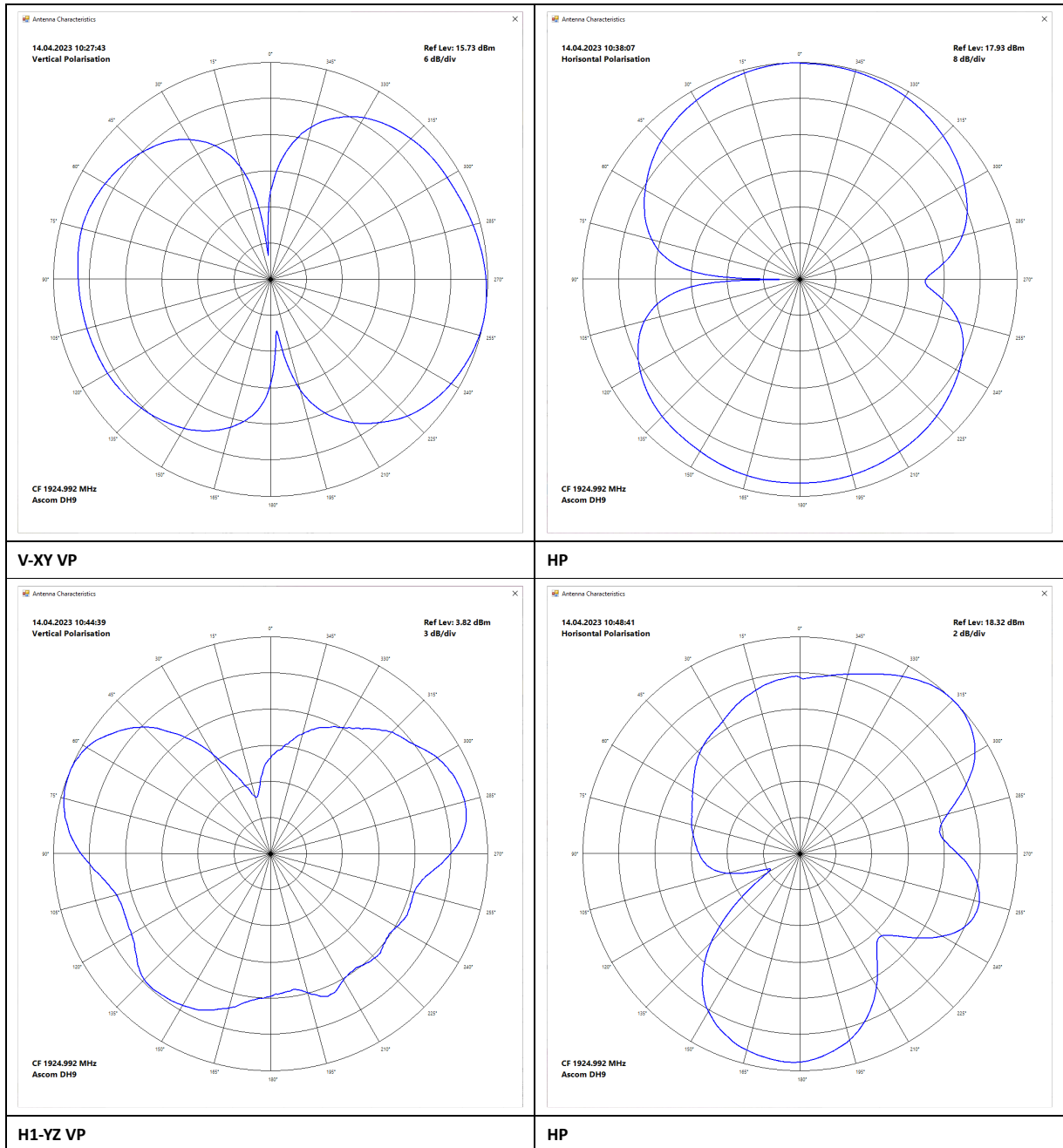
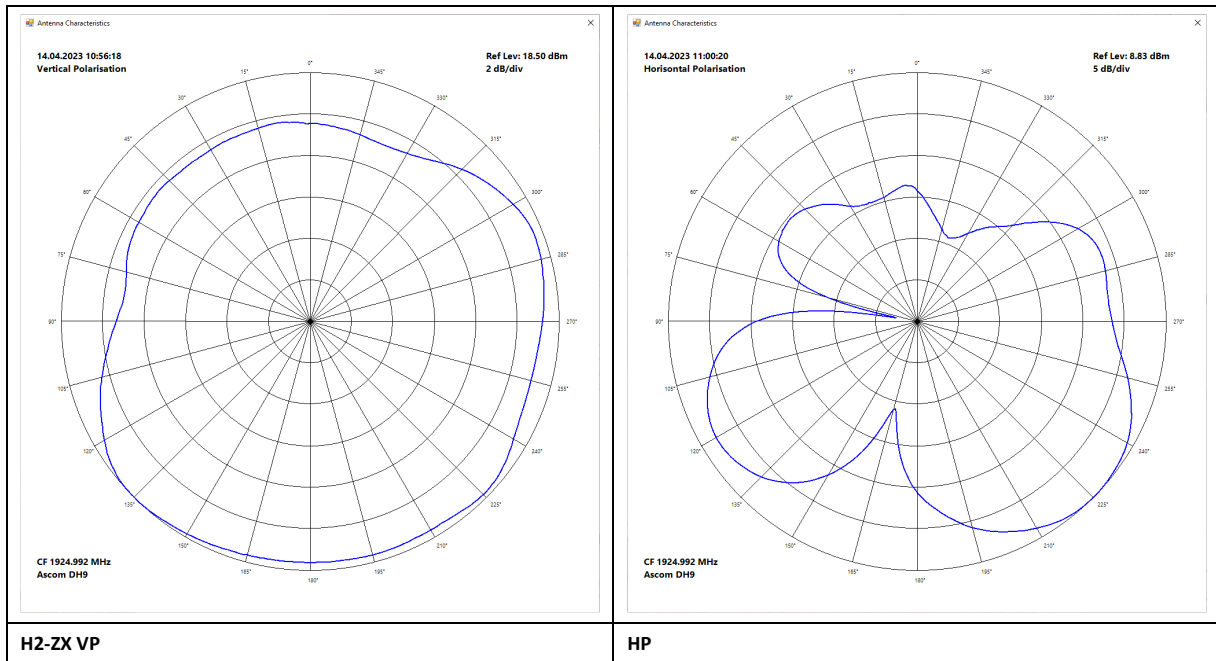


ASCOM DH9





Maximum Antenna Gain – Substitution Method

EUT Direction	Pol	Measured Level EUT (dBm)	Subst Gen (dBm)	Measured Lev (dBm)	Corrected Gen Lev (dBm)	Ant. Gain (dBm)	Cable Loss (dB)	Max EIRP (dBm)
EUT XY	V	15.7	0	-7.6	23.3	8.35	14.55	17.1
	H	17.9	0	-7.6	25.5	8.35	14.55	19.3
EUT YZ	V	3.8	0	-7.6	11.4	8.35	14.55	5.2
	H	18.3	0	-7.6	25.9	8.35	14.55	19.7
EUT ZX	V	18.5	0	-7.6	26.1	8.35	14.55	19.9
	H	8.8	0	-7.6	16.4	8.35	14.55	10.2

Corrected Level = Measured Level EUT – Measured Level

Max EIRP = Corrected Level + Ant Gain -Cable Loss-Attenuator

“Corrected Gen Level” is the Generator Level required to get the same level as from the EUT

Cable Loss includes 10 dB attenuator.

EUT Direction	Pol	Conducted Level	Max EIRP (dBm)	Maximum Antenna Gain (dBi)
EUT XY	V	20.2	17.1	-2.4
	H	20.2	19.3	-2.8
EUT YZ	V	20.2	5.2	-14.1
	H	20.2	19.7	0.7
EUT ZX	V	20.2	19.9	-1.3
	H	20.2	10.2	-3.5