

HAG-IRIDIUM-TH

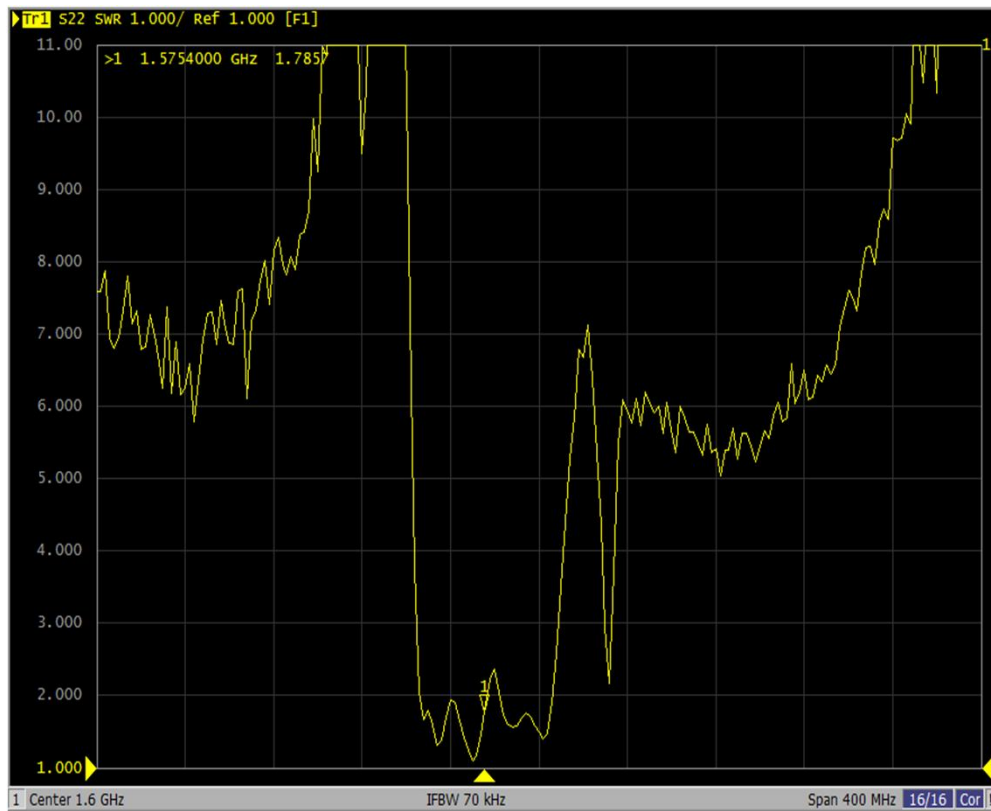


HANKOOK ANTENNA CO.,LTD.

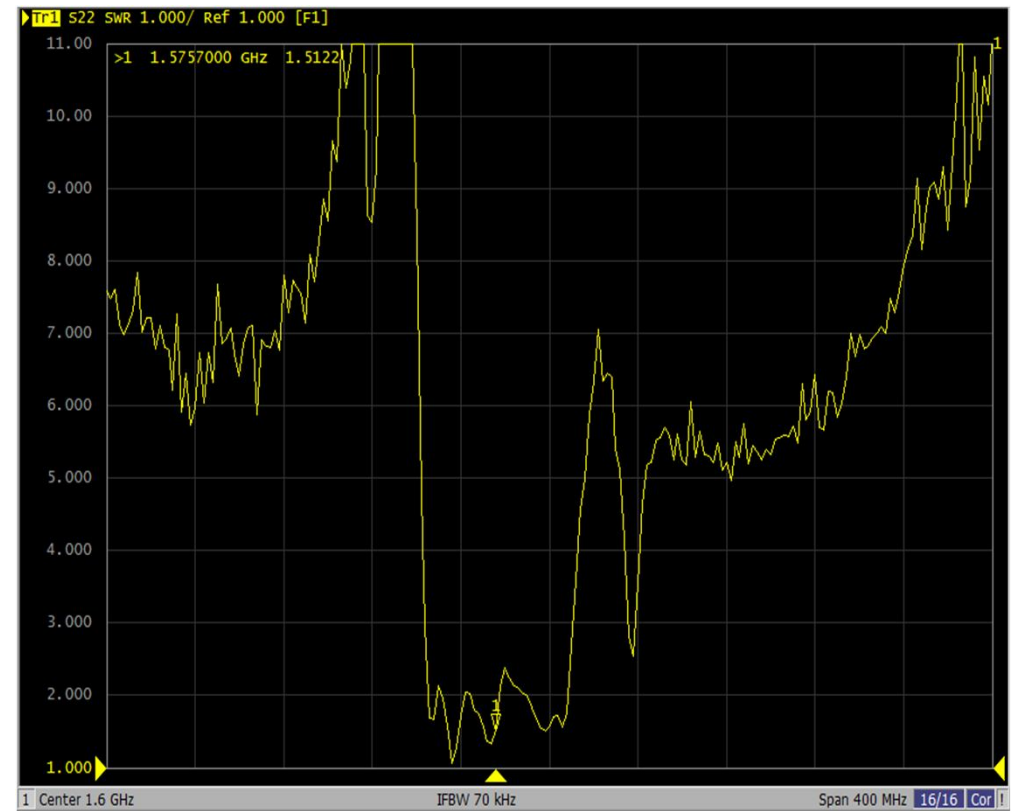
2026. 01. 14



GPS VSWR



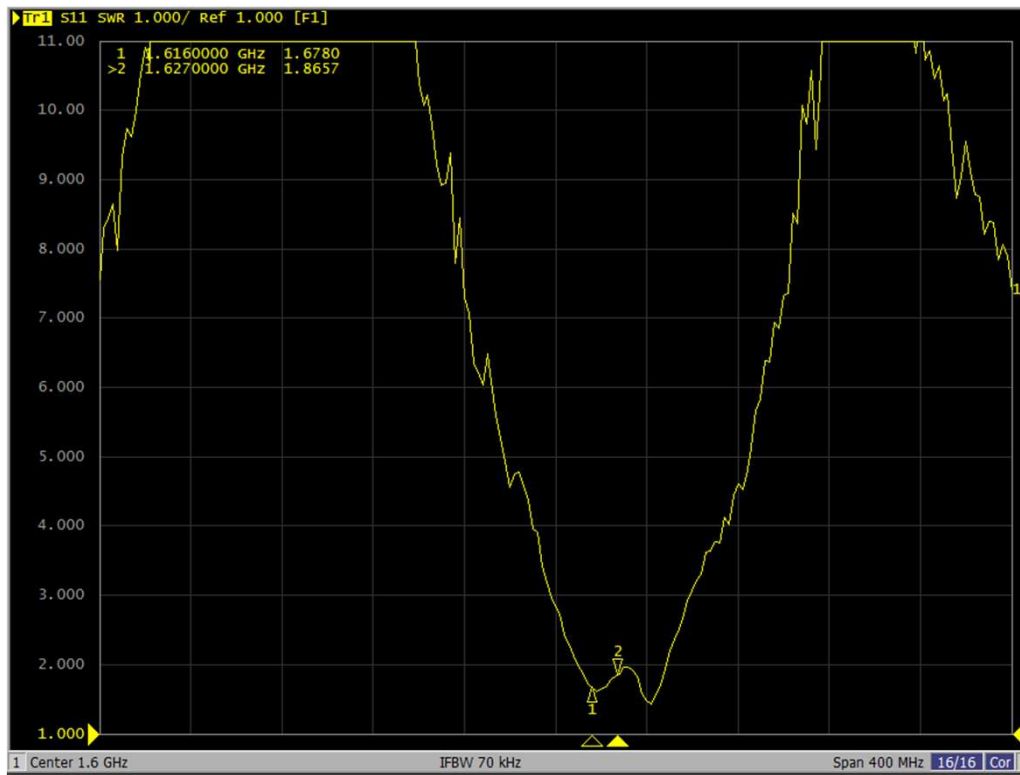
▪ #1



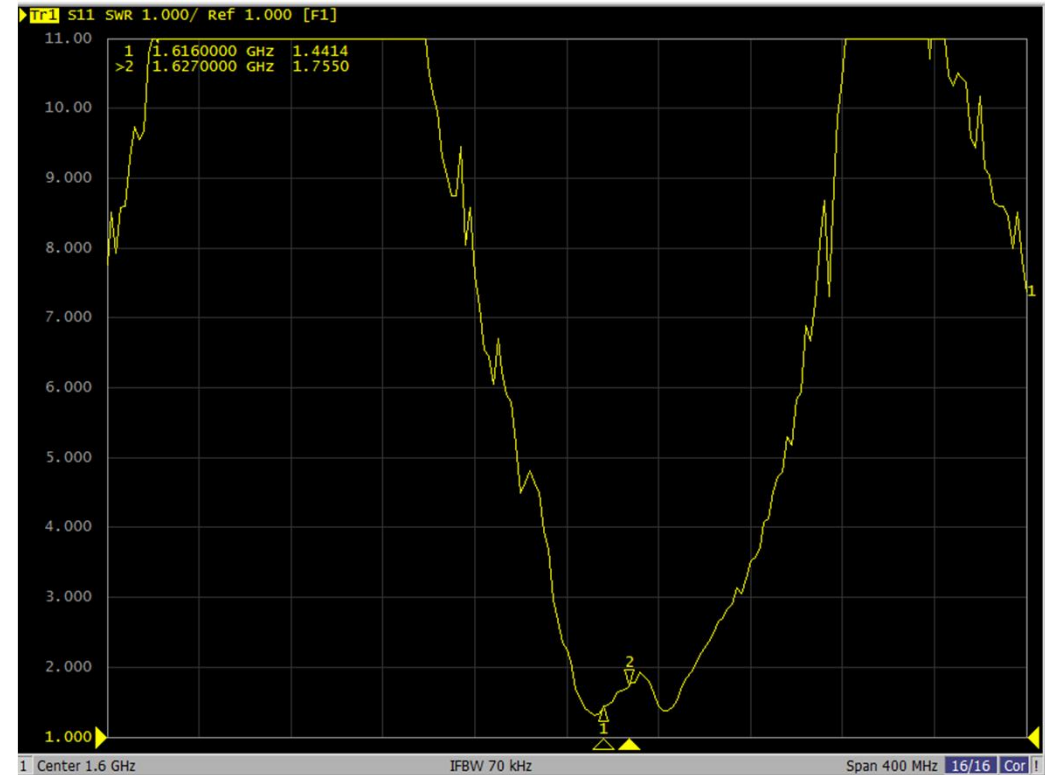
▪ #2



IRIDIUM VSWR



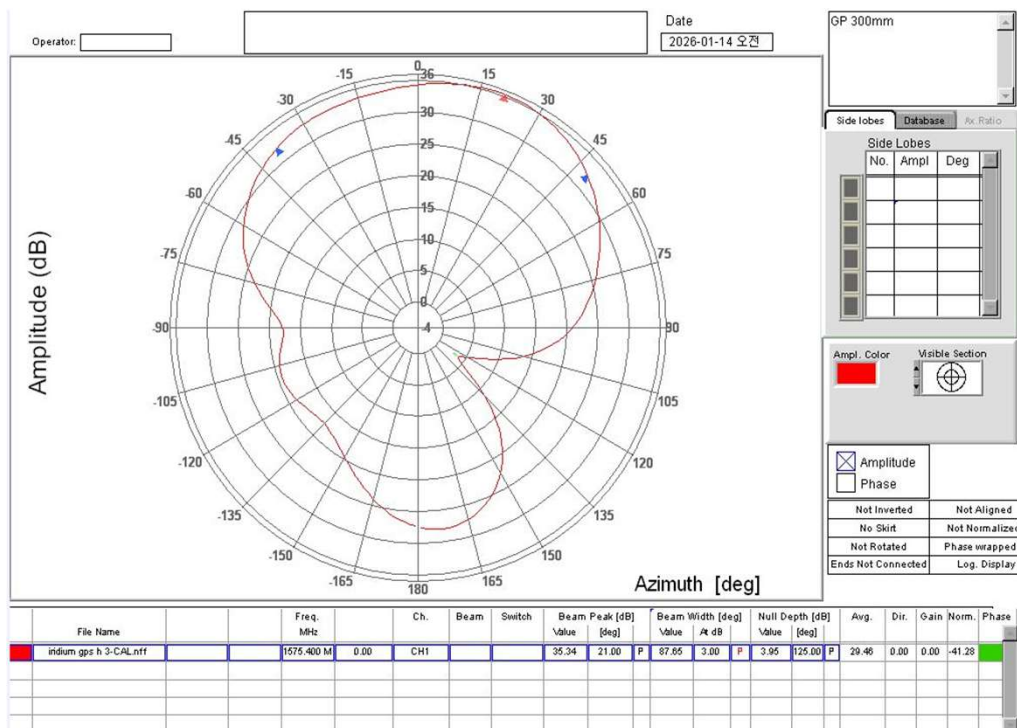
▪ #1



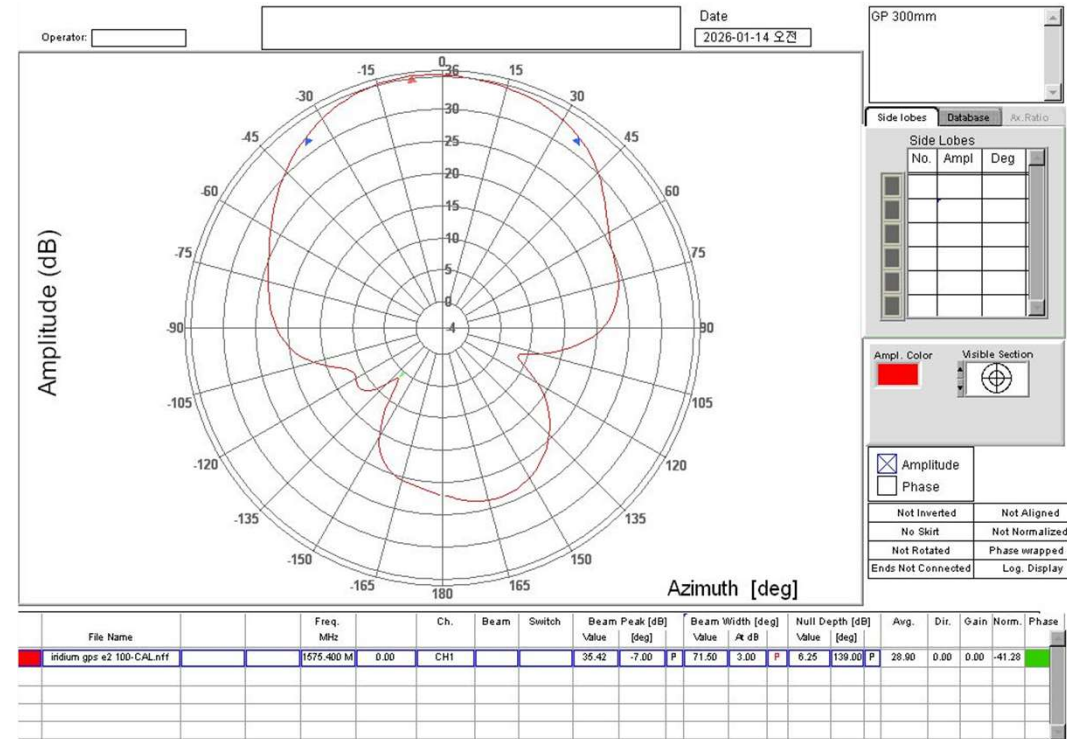
▪ #2



GPS Gain



H-Plane



E-Plane

GP : Ø300



IRIDIUM 3D Gain

	1	2	3	4						
Frequency [MHz]	1616	1620	1623	1627						
Efficiency [dB]	-0.97	-0.83	-0.89	-1.02						
Efficiency [%]	80.1	82.5	81.5	79.1						
TRG _g [dB]	-2.26	-2.09	-2.11	-2.17						
Gain _{g Peak} [dBi]	6.22	6.22	6.02	5.51						
Gain _{g Min} [dBi]	-36.71	-41.21	-42.01	-30.58						
TRG _p [dB]	-6.86	-6.84	-7.00	-7.36						
Gain _{p Peak} [dBi]	2.09	2.02	1.82	1.13						
Gain _{p Min} [dBi]	-40.14	-33.35	-40.63	-43.91						
UHRG [dB]	-1.39	-1.26	-1.31	-1.45						
UHRG/TRG [%]	90.76	90.73	90.72	90.47						
H-Plane	-6.69	-6.26	-6.09	-5.80						
E1-Plane, AVG [dB]	-10.40	-8.90	-7.64	-5.76						
E2-Plane, AVG [dB]	0.46	0.46	0.21	-0.34						
Peak Gain [dBi]	6.26	6.23	6.05	5.58						
Directivity [dB]	7.22	7.07	6.94	6.60						
Minimum Gain [dBi]	-22.08	-23.44	-24.10	-19.17						
Test Condition	FS									
Antenna Type										
Average Efficiency	-0.93 dB, 80.79 %									

GP : Ø300