

Keyence Antenna Test Report

2023/09/12



Model: WS-B01



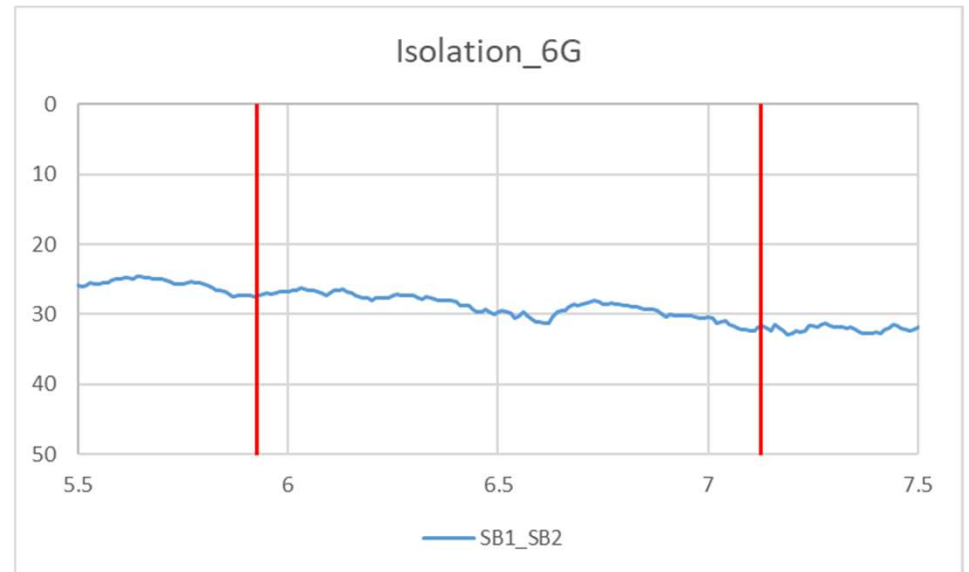
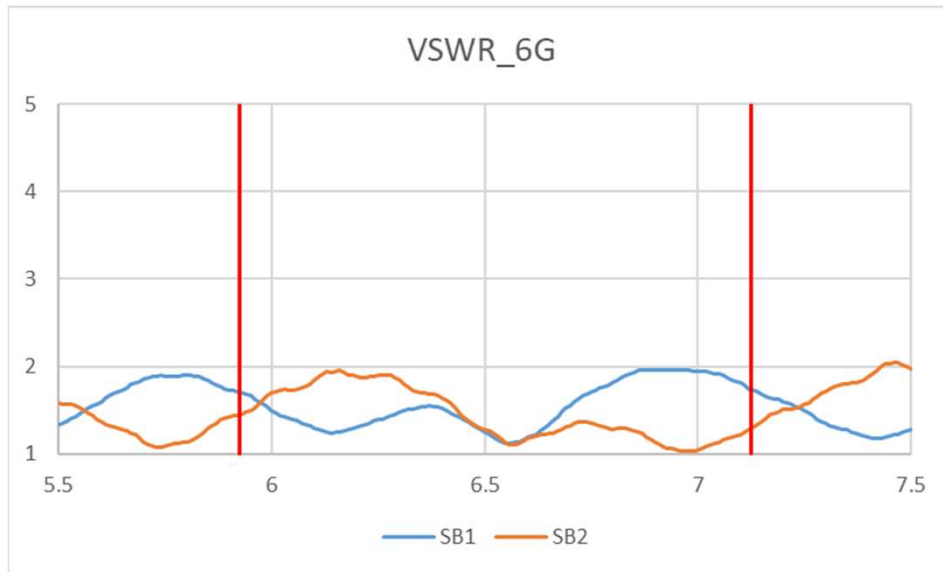
Performance Summary

Frequency combination		VSWR	Peak Gain(dBi)	Efficiency	Isolation (within radio)
SB1	5925~7125GHz	< 2.0	4.0	69 %	27dB
SB2			4.4	71 %	

Note: The Photo please refer Appendix Test Photo.



VSWR / Isolation



Note: The Photo please refer Appendix Test Photo.

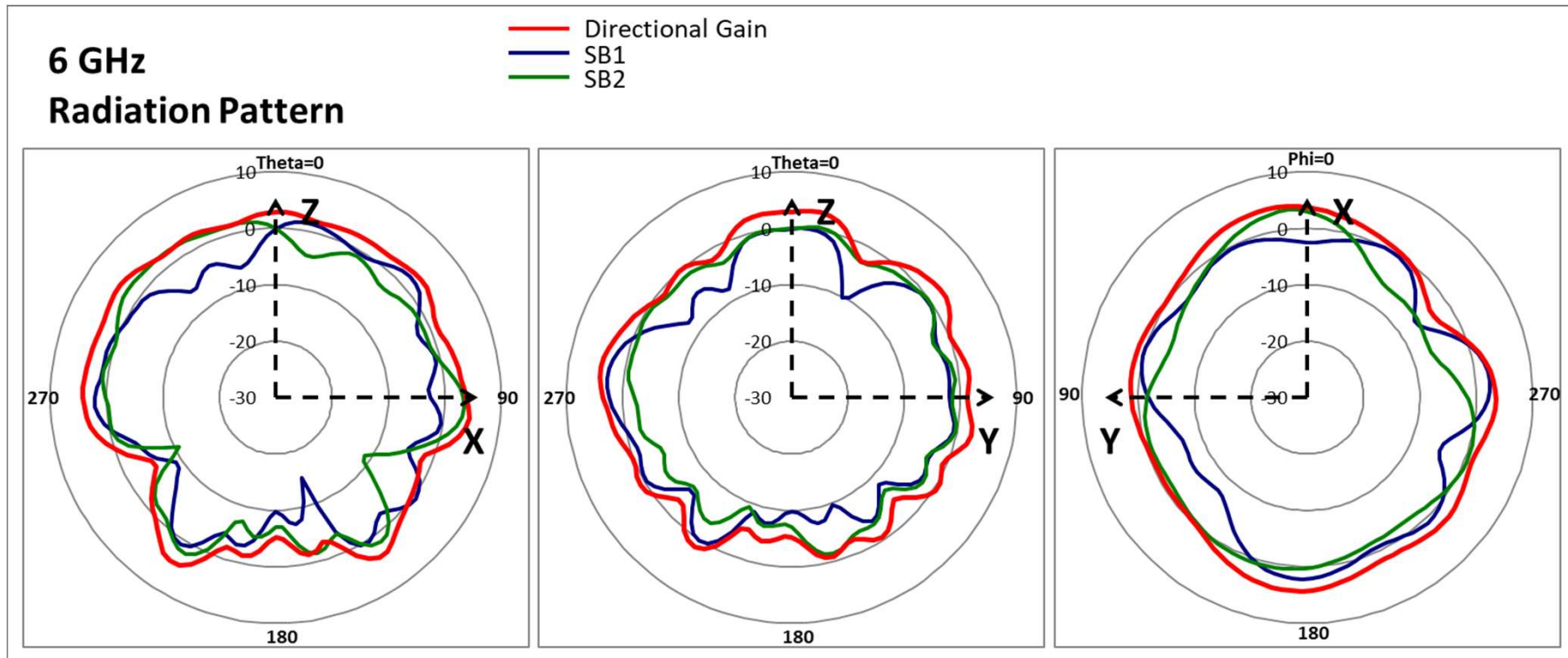


Peak Gain / Efficiency (6G)

		5955	6000	6145	6525	6825	7125	Avg.
SB1	Eff.	72%	74%	70%	73%	71%	70%	72%
	Avg. Gain	-1.41	-1.33	-1.49	-1.37	-1.48	-1.53	
	Peak Gain	3.57	3.50	3.63	3.5	3.0	4.2	
SB2	Eff.	70%	69%	71%	69%	70%	68%	70%
	Avg. Gain	-1.54	-1.59	-1.46	-1.63	-1.54	-1.66	
	Peak Gain	4.26	4.30	4.35	3.2	3.1	4.4	



Realized Gain Pattern 6G



Note: The Photo please refer Appendix Test Photo.

WNC

Smarter Solutions for a Smarter Future

