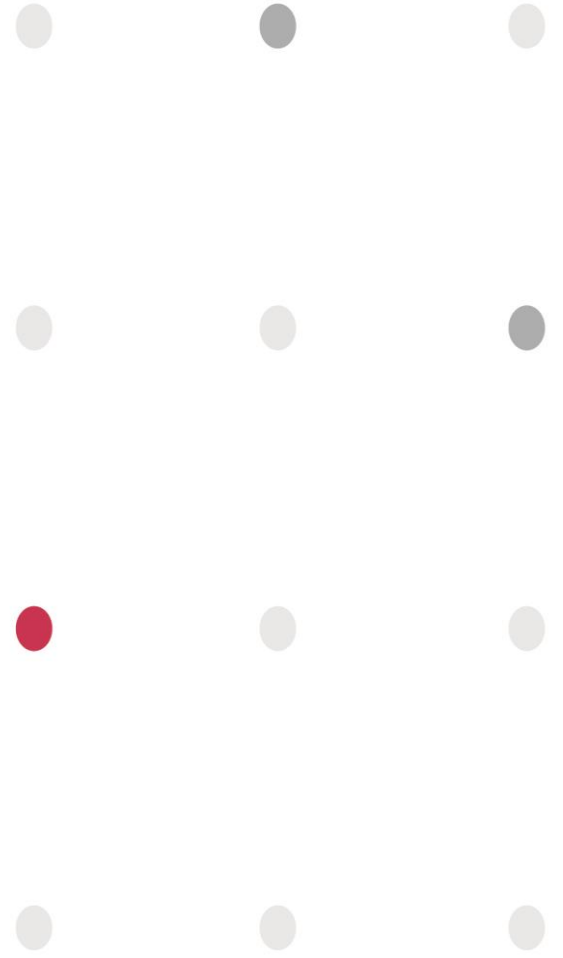


PSA



PASSIVE SYSTEM ALLIANCE
WALSIN TECHNOLOGY CORPORATION

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Presented by

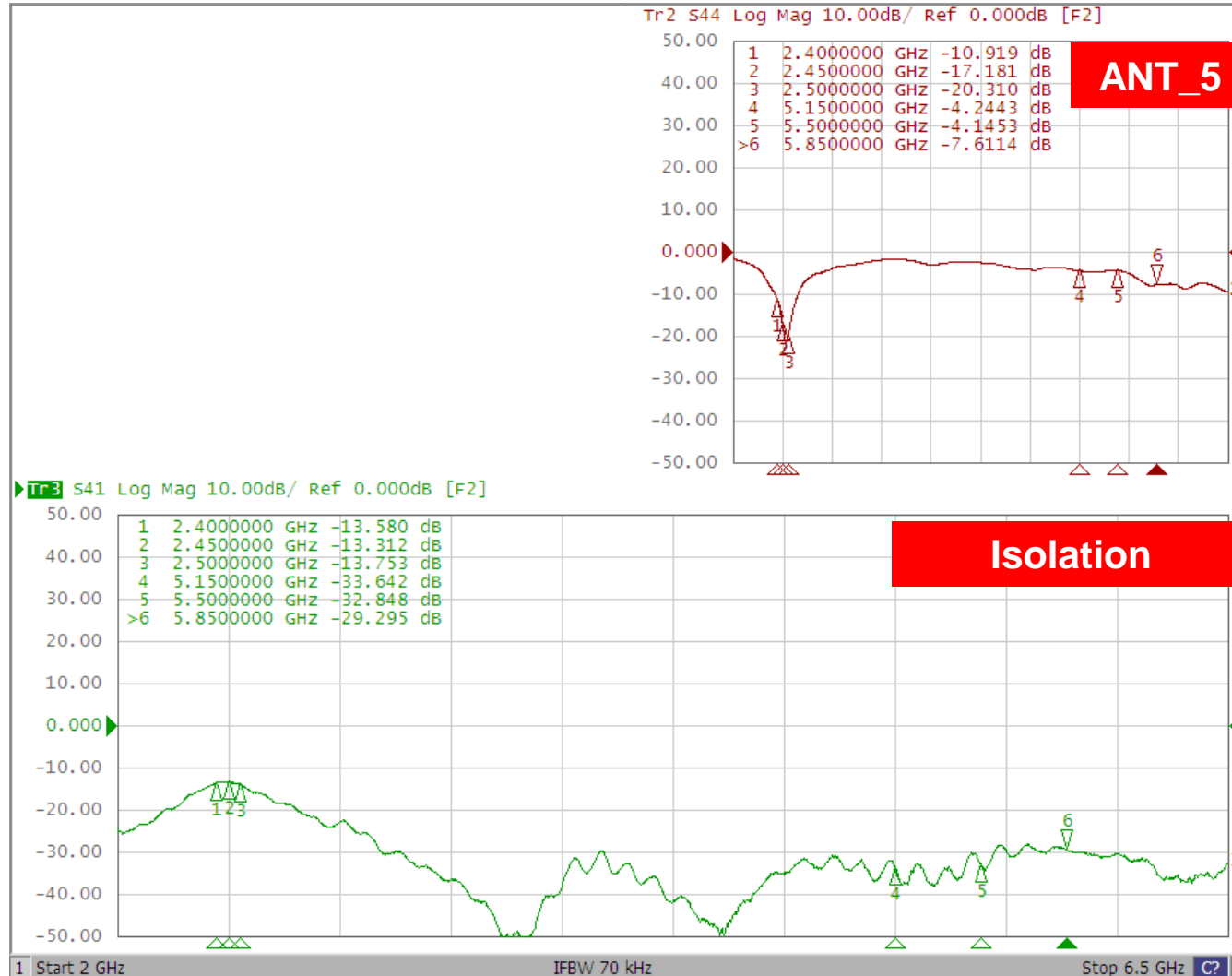
Monkey Chang

Walsin Technology Corporation

2022 / 05 / 30

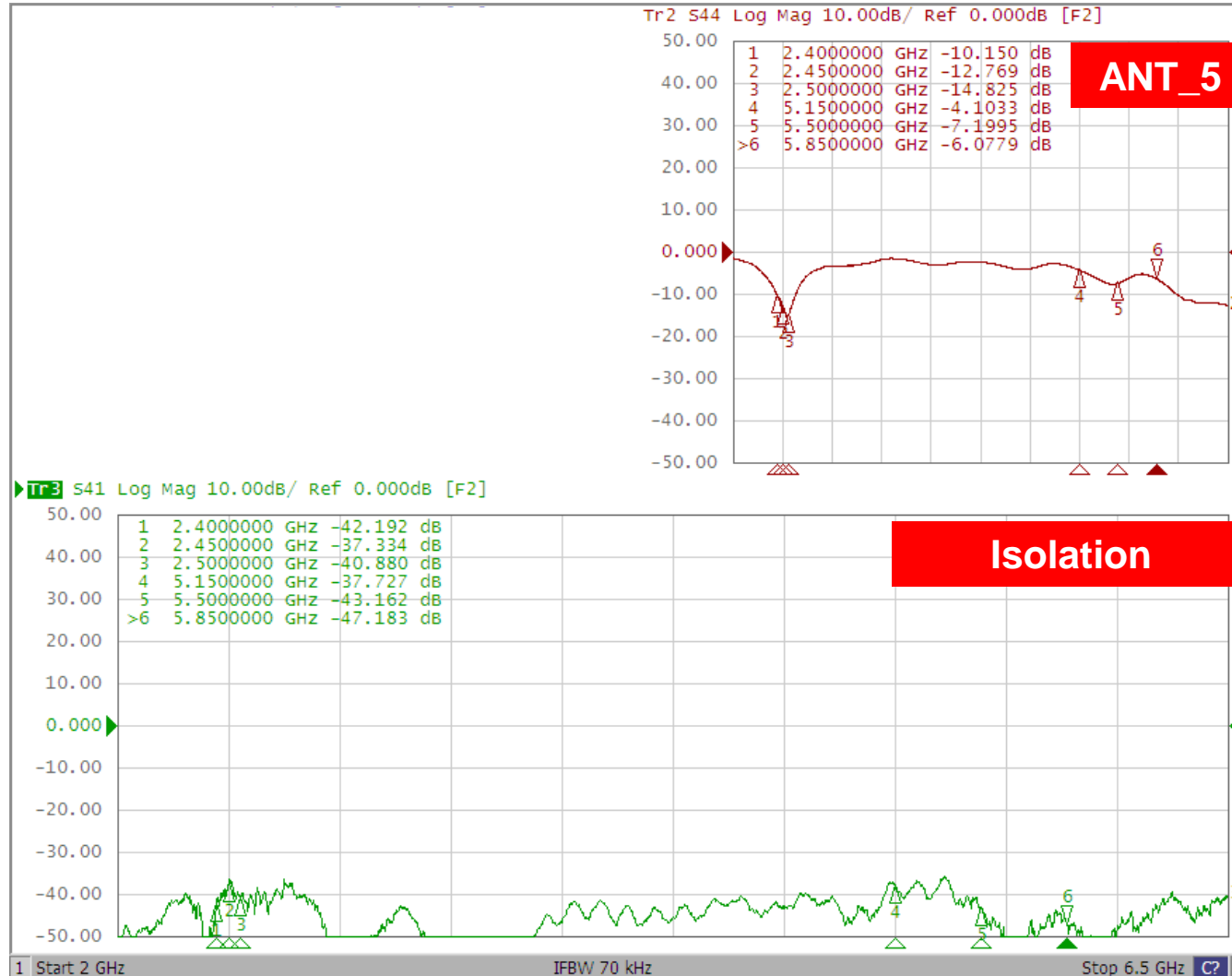
Antenna Characteristics

Return Loss & Isolation



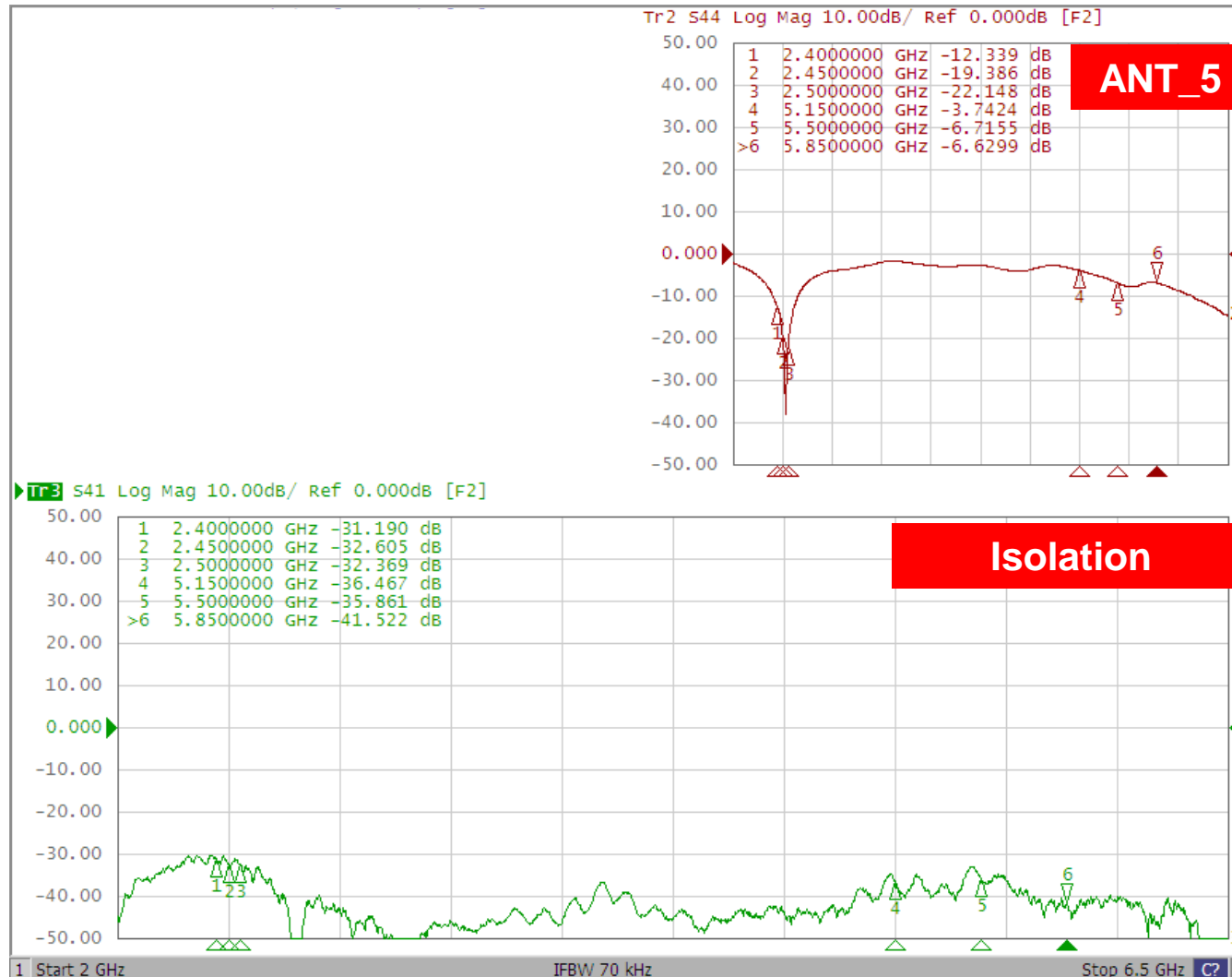
Antenna Characteristics

Return Loss & Isolation



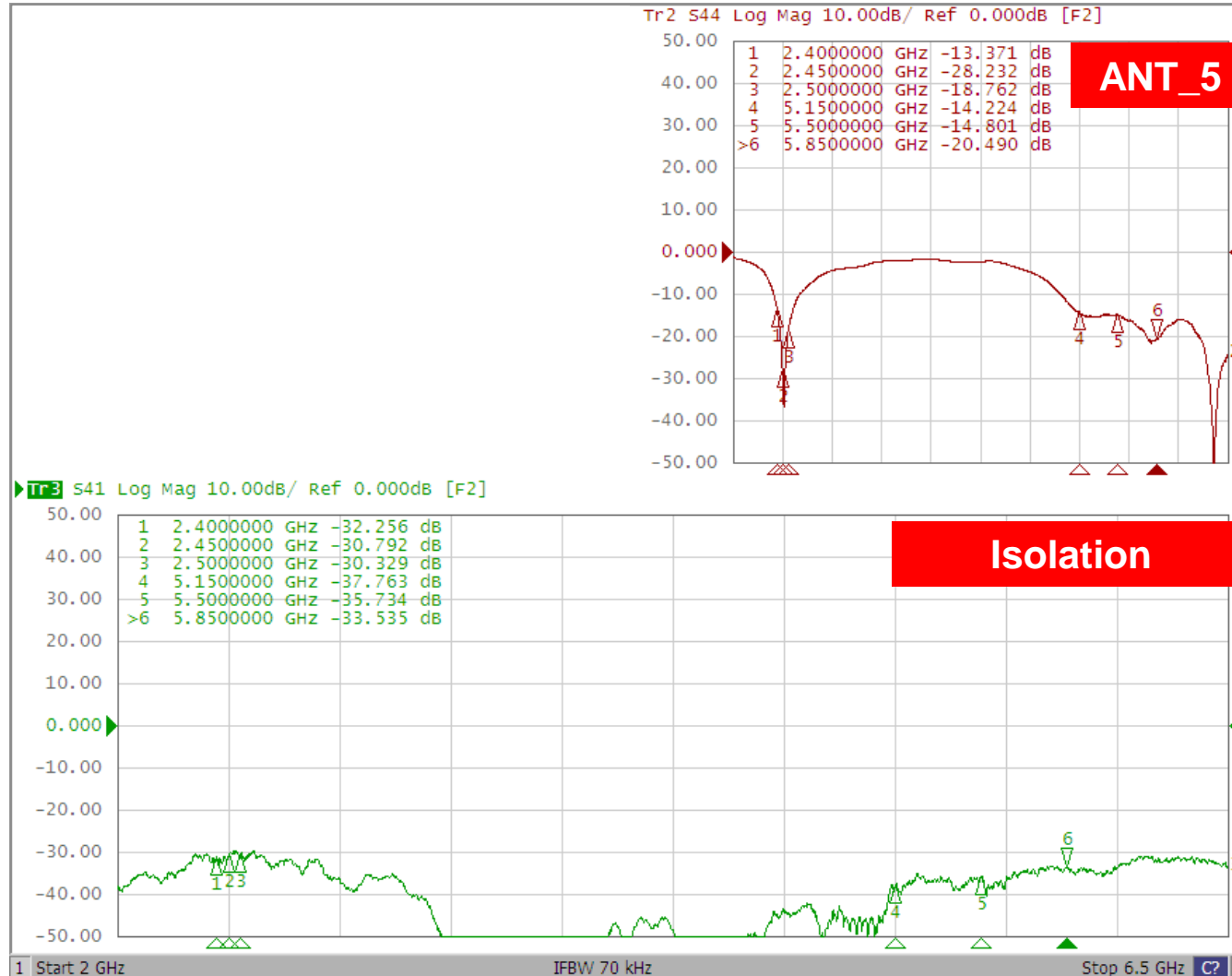
Antenna Characteristics

Return Loss & Isolation

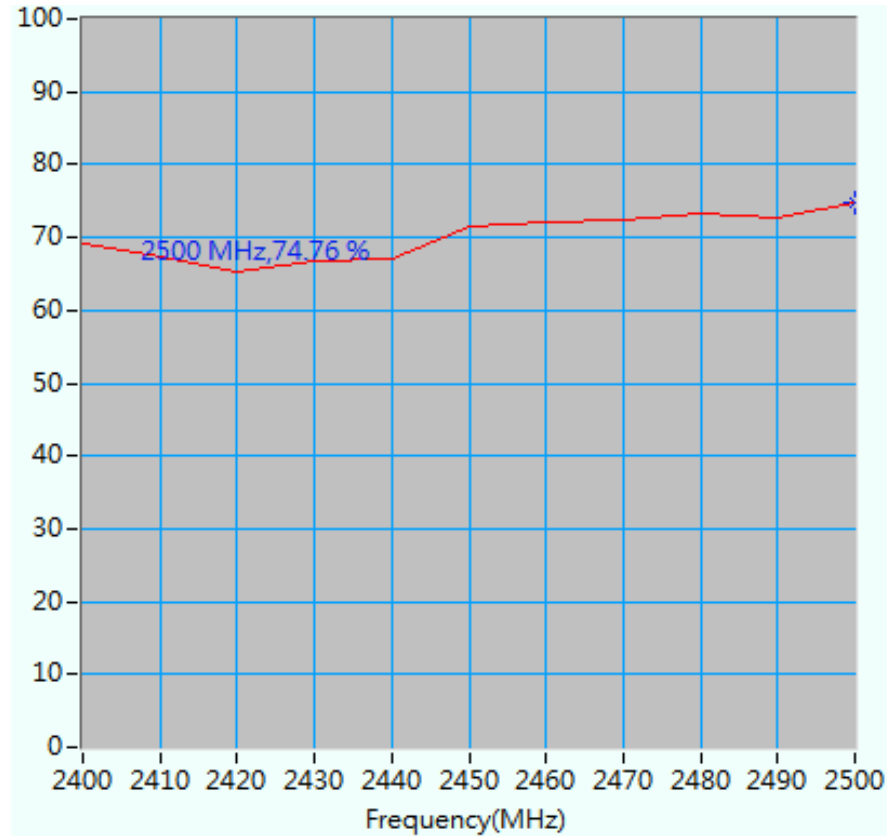


Antenna Characteristics

Return Loss & Isolation



Antenna Efficiency



Maximum Efficiency at 2500 MHz : 74.76 %

Antenna Characteristics

Antenna Efficiency

	ANT_5 BT
Frequency (GHz)	Efficiency (%)
2.4	69.08
2.45	71.50
2.5	74.76

Antenna Characteristics

ANT_5
BT

Frequency [MHz]	ZX plane		ZY plane		XY plane	
	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]
2400	1.95	-2.95	1.93	-2.57	0.53	-1.38
2450	1.01	-2.99	2.75	-2.32	1.60	-0.74
2500	0.76	-2.96	2.67	-2.14	2.34	-0.23

Summary

- Return Loss : < -10 dB
- Isolation : WIFI to WIFI < -25 dB
- Efficiency : > 60 %

Thank you