



AS Antenna Check Sheet



Revision History:

Version	Date	Change Description
V01	2022 Sep.	New Release
V02	2022 Dec.	Change test data
V03	2022 Dec.	Add approval data
V04	2023 Jul.	Add FEED and GND



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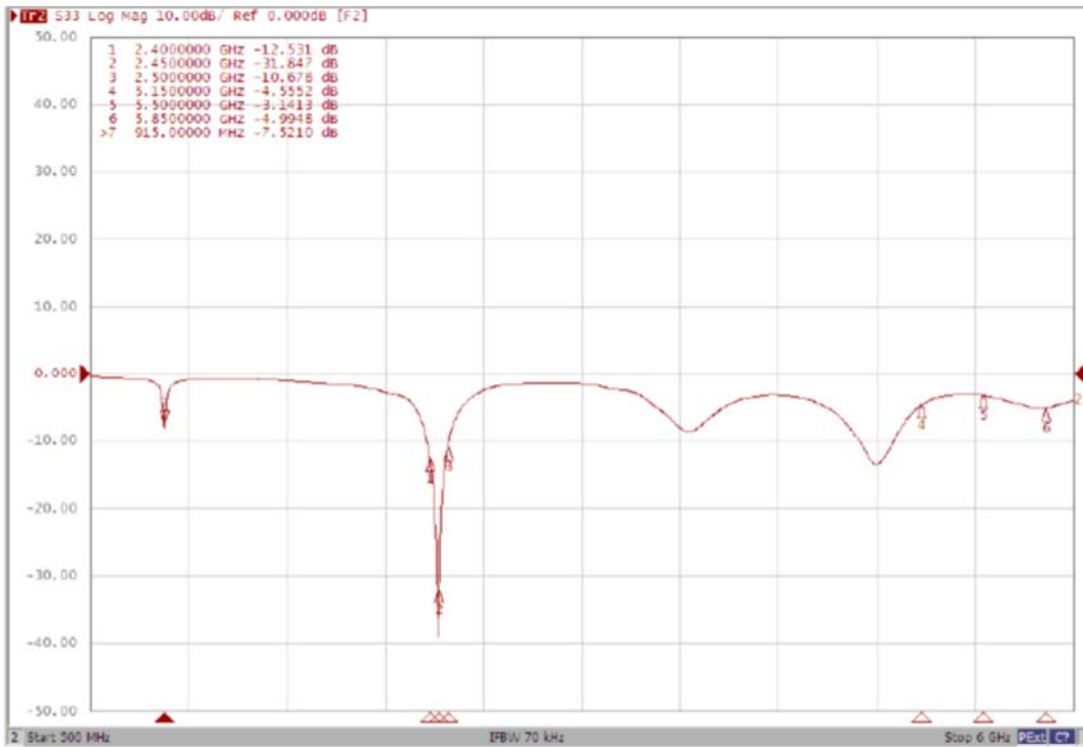


Antenna Specification

Ant .	Antenna Brand	Antenna. model	Antenna type	Antenna Gain (dBi)	Frequency Range (MHz)	Connector type	Cable length (cm)	Cable Loss	Remark
#1	PSA	RFPCA3 61205IM AB401	PIFA	3dB@2460M Hz	2400~2500MHz	Ipex compatible	4.5	X	X

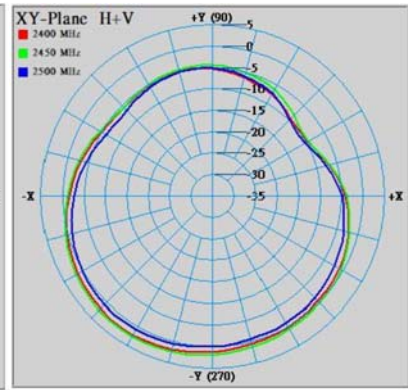
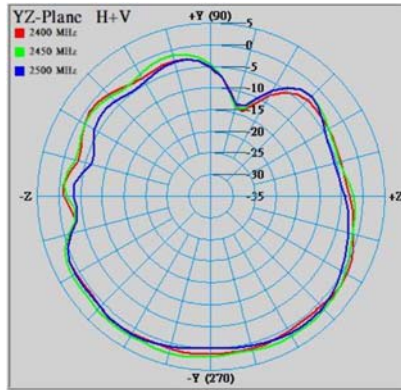
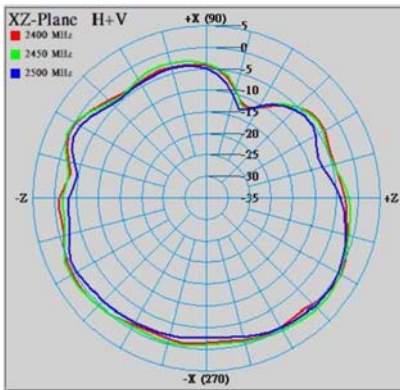
Test Result:

Return Loss



2D Radiation Patterns:

2400~2500MHz



Frequency [MHz]	ZX plane		ZY plane		XY plane	
	Max Value [dBi]	Average [dBi]	Max Value [dBi]	Average [dBi]	Max Value [dBi]	Average [dBi]
2400	0.76	-1.91	1.56	-1.06	2.20	-1.55
2450	1.27	-1.57	2.34	-0.50	2.68	-1.04
2500	0.41	-2.78	1.52	-1.61	0.81	-2.64



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Date: 2022/12/8

Antenna Gain Table:

Frequency(MHz)	Ant1(dBi)
2400	2.2
2450	2.84
2460	3.00
2500	2.12

Antenna Peakgain (θ , ϕ):

3.00 dBi @ 2460MHz (236° , 90°)

Antenna Vendor information:

Walsin Technology Corporation

Address: 566-1, Ko-Shi Road , Yang-Mei, Tao-Yuan, 32668, Taiwan

 PSA 華新科技股份有限公司
WALSIN TECHNOLOGY CORPORATION

Antenna Vendor : **Walsin Technology Corporation**

Test date: 2022/11/25

Test Engineer: Sam

Address of test site: 566-1, Ko-Shi Road , Yang-Mei, Tao-Yuan, 32668, Taiwan

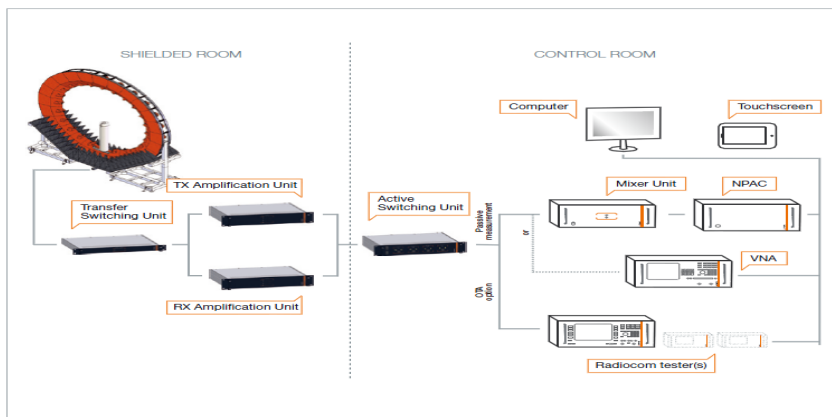
Measurement Setup:

Reflection Coefficient Measurement:

-Instrument : E5071C

-Setup:

System overview



Pattern Measurement:

-Chamber : Satimo

-Test Program: SPM V15

-Setup Photo(Appendix A)

Test instrument calibration information:

Vendor	Model	Calibrated Date	Calibrated Until
Satimo	SG24	2022/11/29	2023/11/29
Keysight Network Analyzer	E5071C	2020/3/3	2023/3/3