

TEST REPORT

1. Test Period : 2026-05-06 ~ 2026-05-07

2. Applicant : Company Name : SOLITY CO., LTD

President / C.E.O. : Yuseok KIM

Personal I.D. No. : -

Company Address : Yangcheon Venture town 103~105, 201, 204~206, 267, Sinjeong-ro,

Yangcheon-gu, Seoul, Republic of Korea 08079

3. Equipment Name /
Model Name : Remote controller / TX210

4. Manufacturer /
Country of Origin : SOLITY CO., LTD / Korea

5. Test Result : Pass

6. Issued Date : 2026-05-07

ESTECH CO., LTD.

Suite 1015 World Meridian II, 123 Gasan Digital 2-ro, Geumcheon-gu, Seoul, 08505, R.O.Korea

Tel : +82-2-867-3201, Fax : +82-2-867-3204

Information of Testing Equipment

Test Equipment	Equipment Name	Remote controller	
	Model Name	TX210	
	Use	Remote Controller	
	Manufacturer	SOLITY CO., LTD	
	Operating Frequency	Transmission	426.275 MHz
		Reception	-
	Output Power	7 mW	
Power Supply	DC 3.0 V Battery		
Special Matters	-		
Test Method	Low Power Security Article 2-1-13 MIC notification. No.88 of 2004, Annex 36		
Note	-		
Test Engineer	Ki Ho Kang		(Sign) 
Chief Engineer	Keum Bum Lee		(Sign) 

Electrical Condition

Equipment Name	Remote controller	
Measurement Frequency	F1: 426.275 MHz	
Termination	50 Ω	
Test Environment	Normal temp.	Humidity
	+5~35 $^{\circ}\text{C}$	+45~85%

※ It should be satisfy the conditions of follow later 1 minute after operating the EUT.

Test Item		Test result			Limit	Result
		(+)10%	Rated Voltage	(-)10%		
Frequency Tolerance (kHz)	Normal Temp.	0.820	0.820	0.820	(below ± 4 ppm) F1: ± 1.7051 kHz	Pass
Max. RF Output Power (mW)	Normal Temp.	3.77	3.77	3.77	less than 1 W Rated output power: 7 mW (3.5~8.4 mW)	Pass
Occupied Bandwidth (kHz)	Normal Temp.	3.60	3.60	3.60	within 8.5 kHz	Pass
Spurious Emission Strength (uW)	Normal Temp.	0.021	0.022	0.023	less than 2.5 uW	Pass
Restriction Function of Transmission Time (s)	Normal Temp.	2.544 sec / 6.421 sec	2.544 sec / 6.421 sec	2.544 sec / 6.421 sec	Transmission ON : within 3 sec. OFF : over 2 sec	Pass

Test Item		Test result			Limit	Result
		(+)10%	Rated Voltage	(-)10%		
Adjacent Channel Leakage Power (dB)	Normal Temp.	44.79 / 44.82	44.84 / 44.93	44.85 / 44.95	more than 40dB	Pass
Emission Wave Strength when Receiving (nW)	Normal Temp.	0.52	0.64	0.52	less than 4nW	Pass
ID code Length (Interference Prevention Function)	Normal Temp.	24 bits			48 bits	Pass

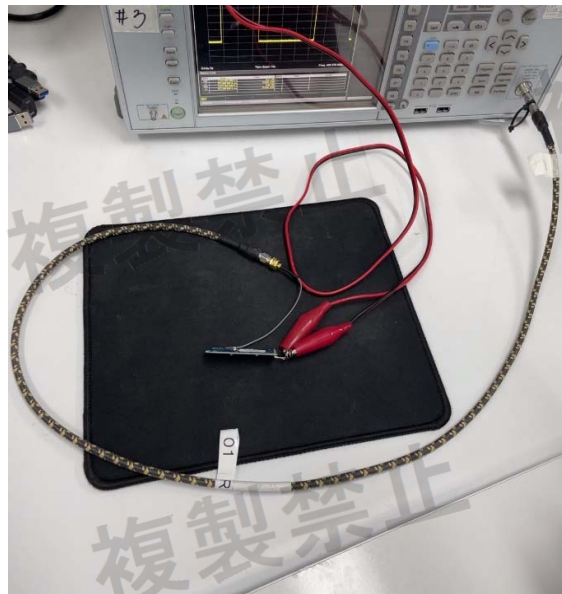
Measurement Equipments

	Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until	Calibration lab	Calibration method
■	SPECTRUM ANALYZER	Anritsu	MS2840A	6272533407	April 17, 2026	April 17, 2027	HCT	c)
■	SIGNAL GENERATOR	ROHDE&SCHWARZ	SMB 100A	177653	Nov. 24, 2025	Nov. 24, 2026	HCT	c)
■	DC Power Supply	ROHDE&SCHWARZ	HMP2020	120956	Nov. 24, 2025	Nov. 24, 2026	HCT	c)
■	Attenuator	ACE RF COMM	A-4010.2902.2	A-8	Nov. 24, 2025	Nov. 24, 2026	HCT	c)

Calibration Method

- a) : Calibration conducted by the National Institute of Information and Communications Technology(NICT) or a designated calibration agency under Article 102-18 paragraph (1) of the Radio Law.
- b) : Calibration conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992) Japan Calibration Service System.
- c) : Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
- d) : Calibration conducted by using other equipment that listed above from a) to c).

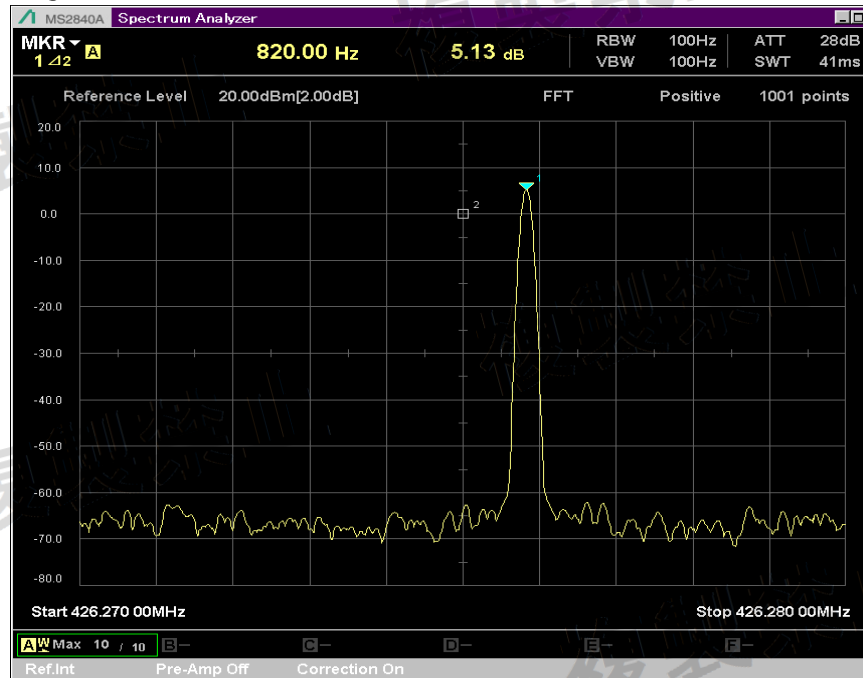
Test Conditions Photographs



The picture of test data

Frequency Tolerance

< Rated Voltage >



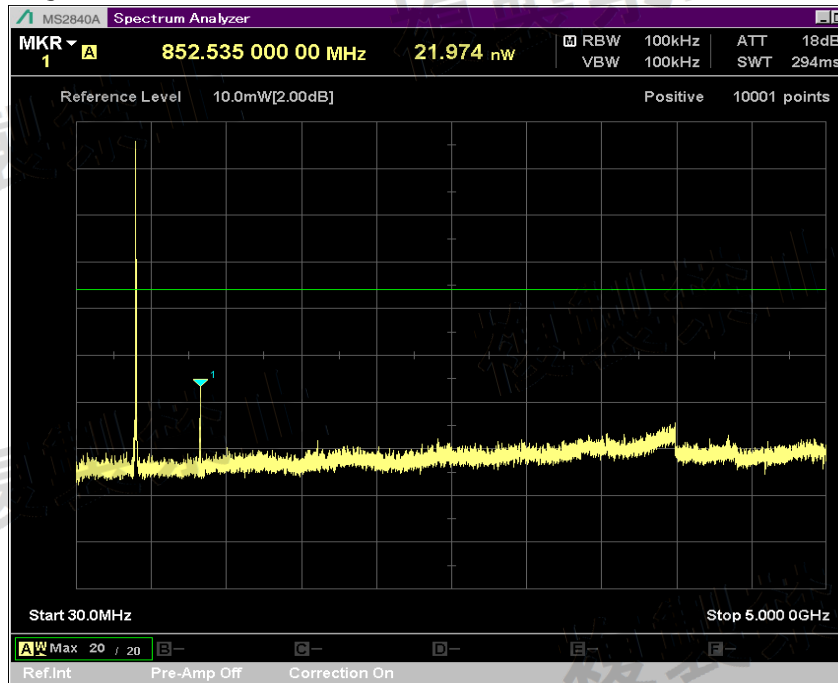
Occupied Bandwidth

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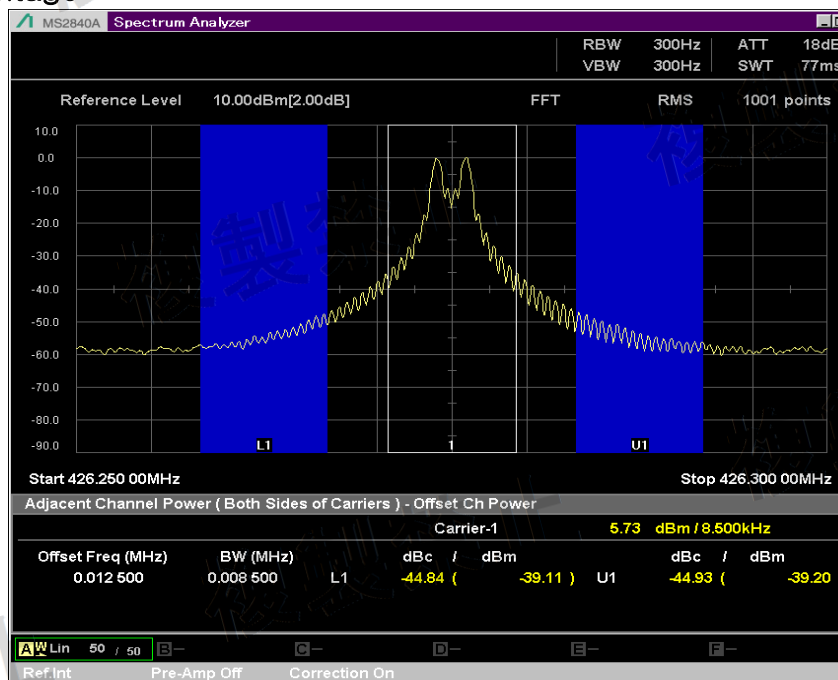
Spurious Emission Strength

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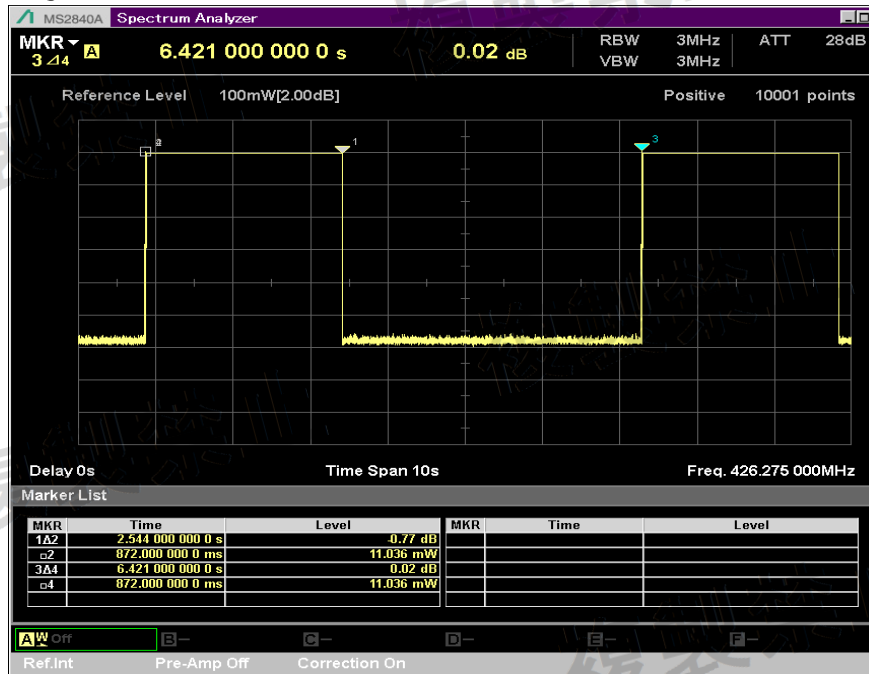
Adjacent Channel Leakage Power

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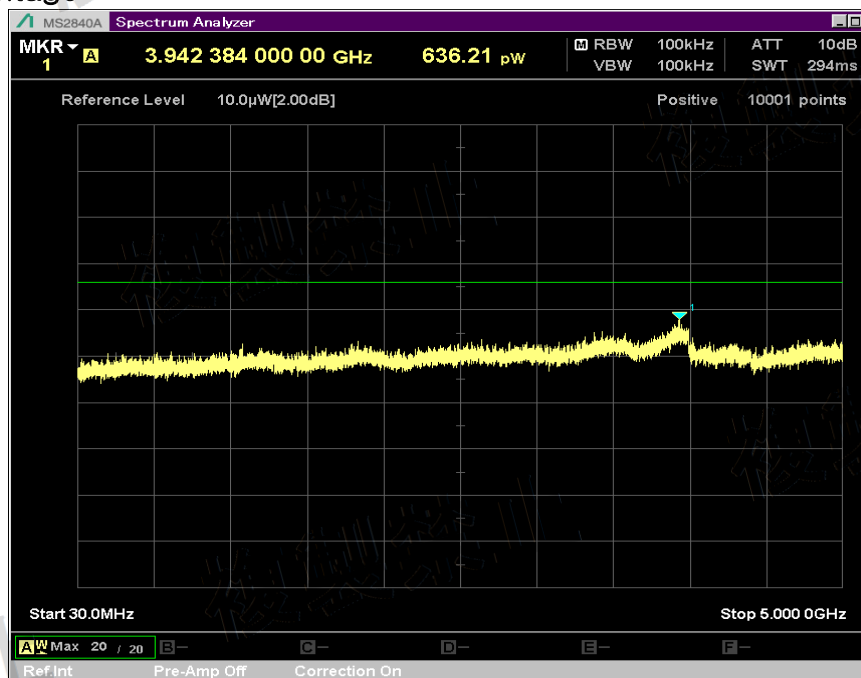
Restriction Function of Transmission Time

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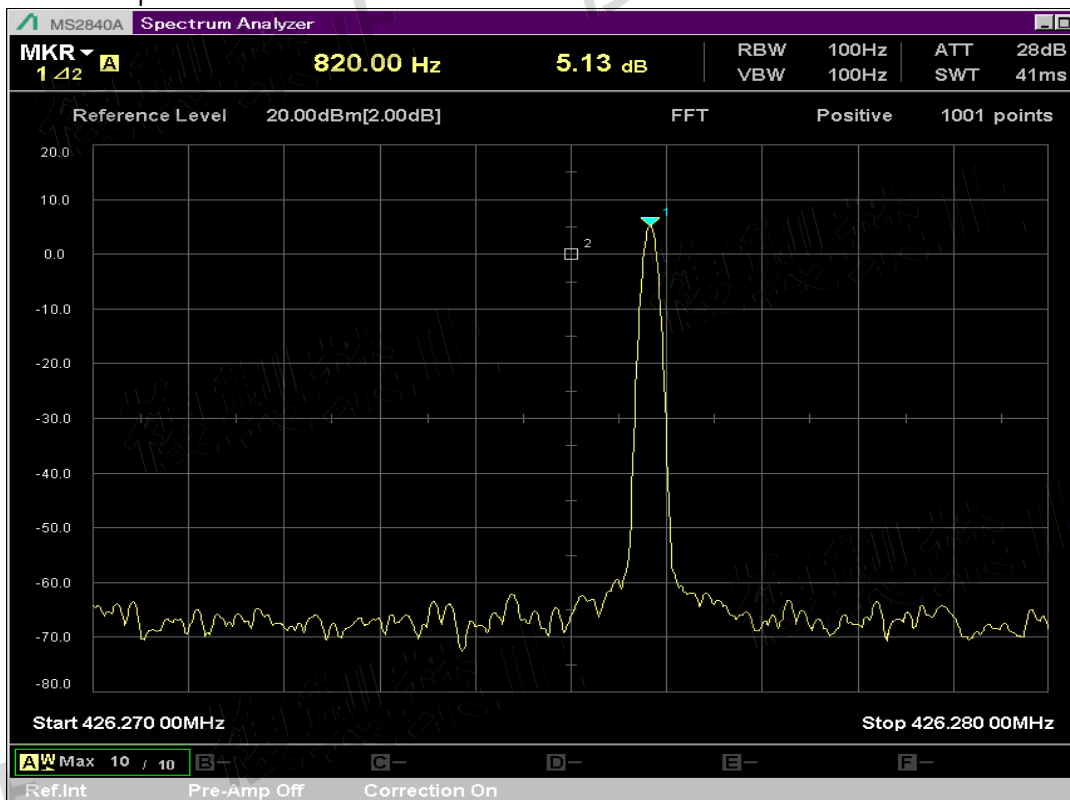


Emission Wave Strength when Receiving

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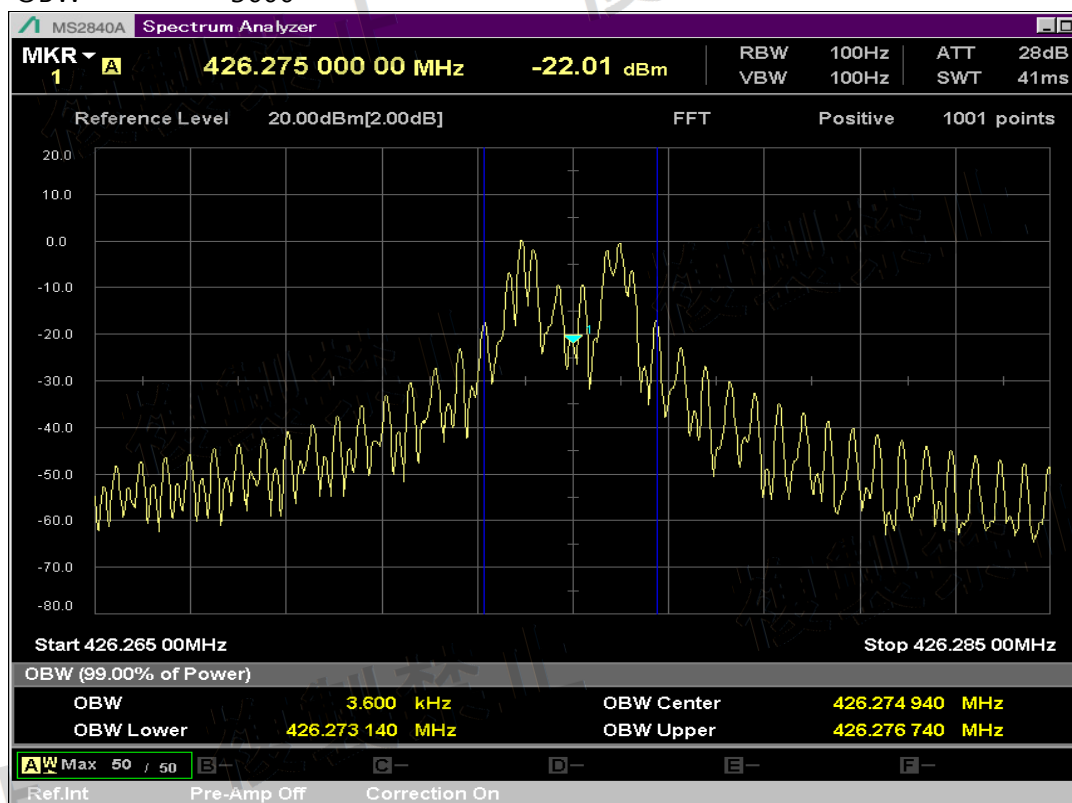
Peak Freq. 820 Peak Level 5.13



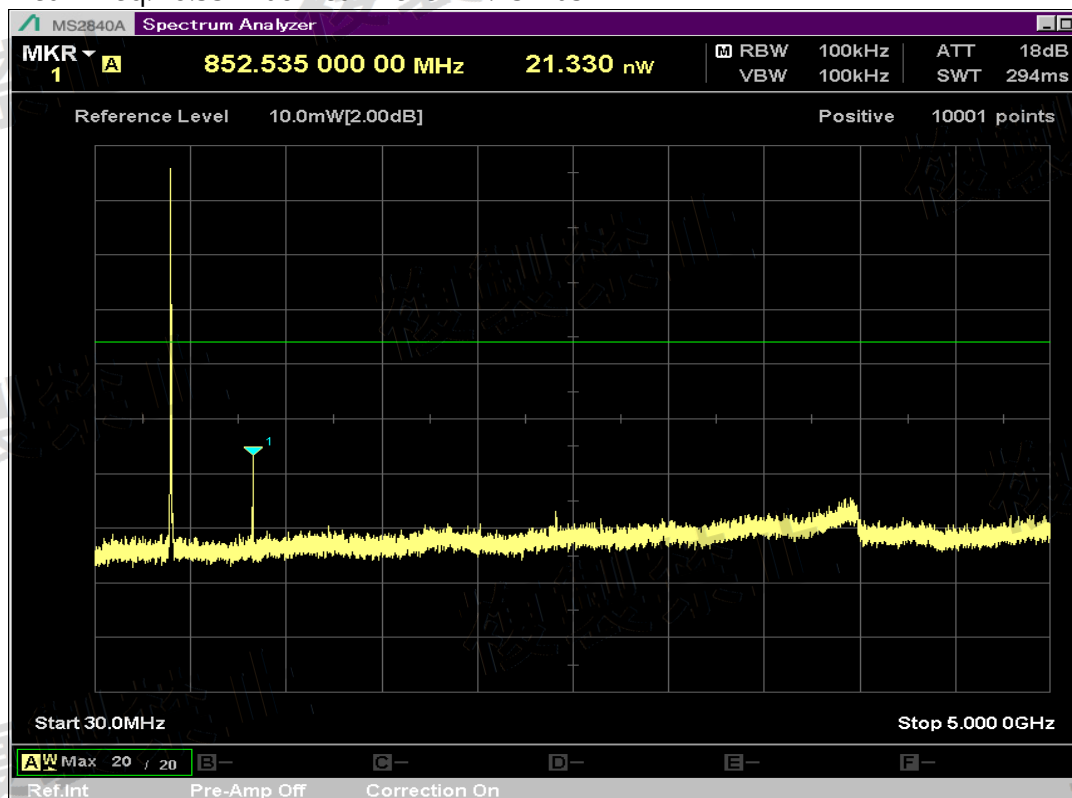
Peak Freq. 4.26E+08 Peak Level 3.771377



OBW 3600



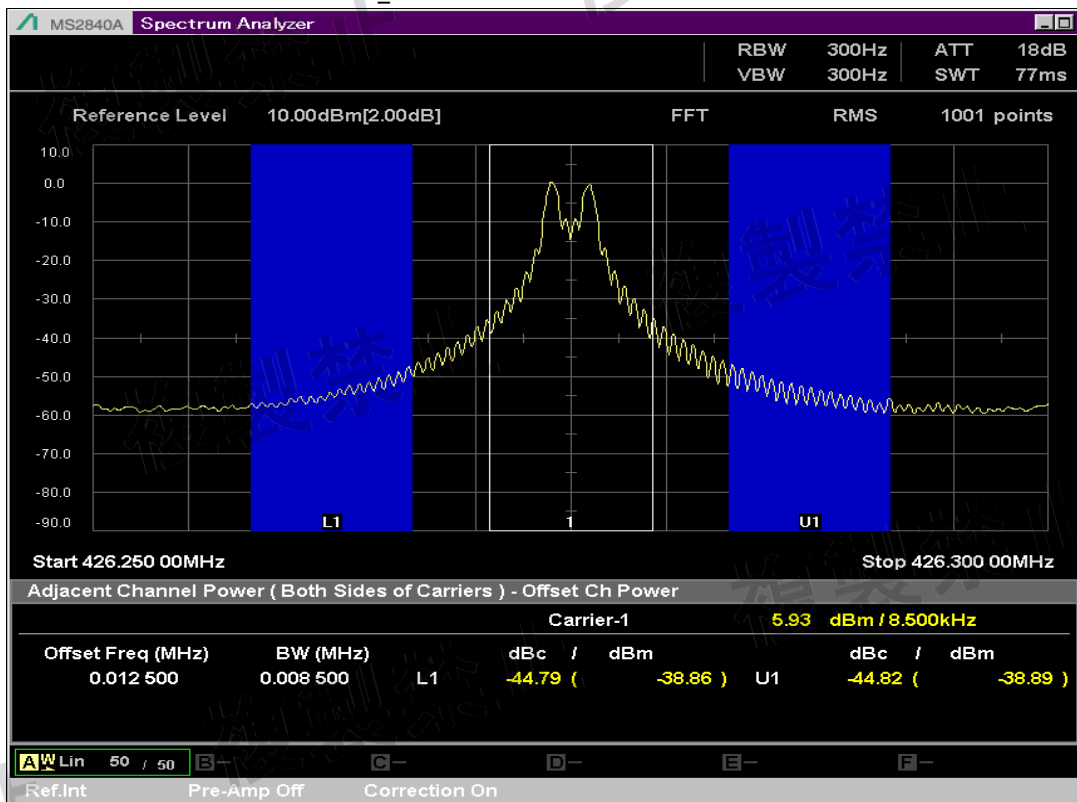
Peak Freq. 8.53E+08 Peak Level 2.13E-05



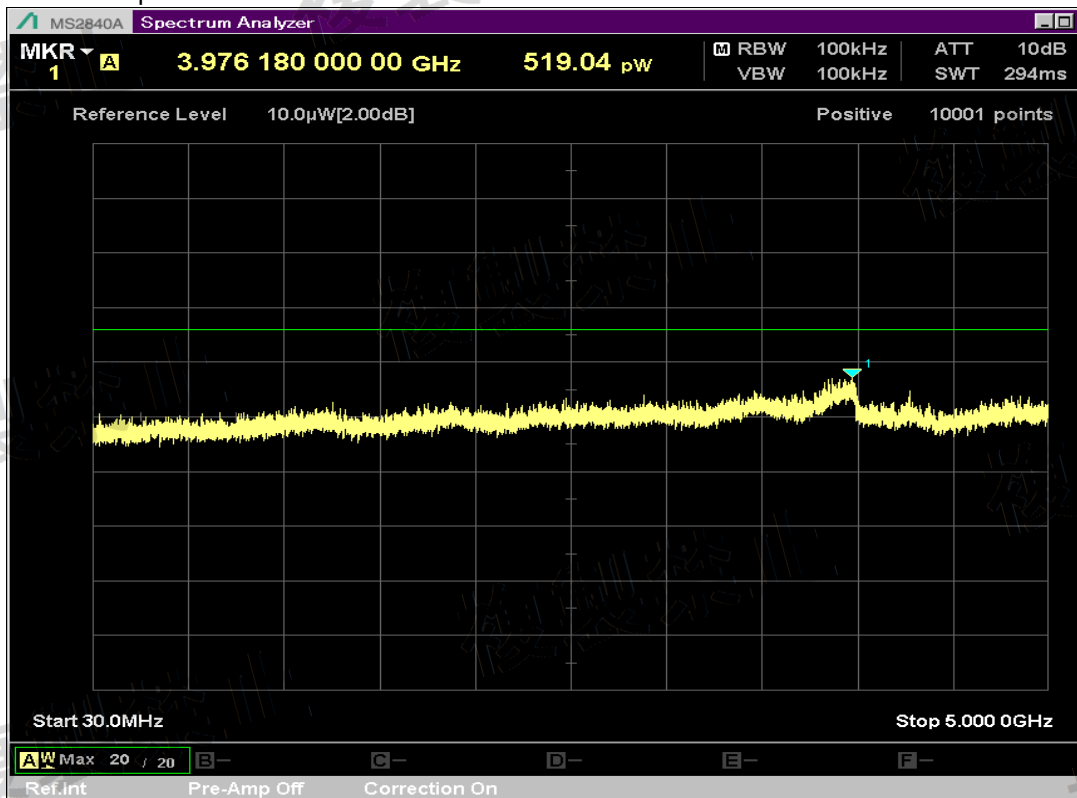
ACP

CARR_PWF

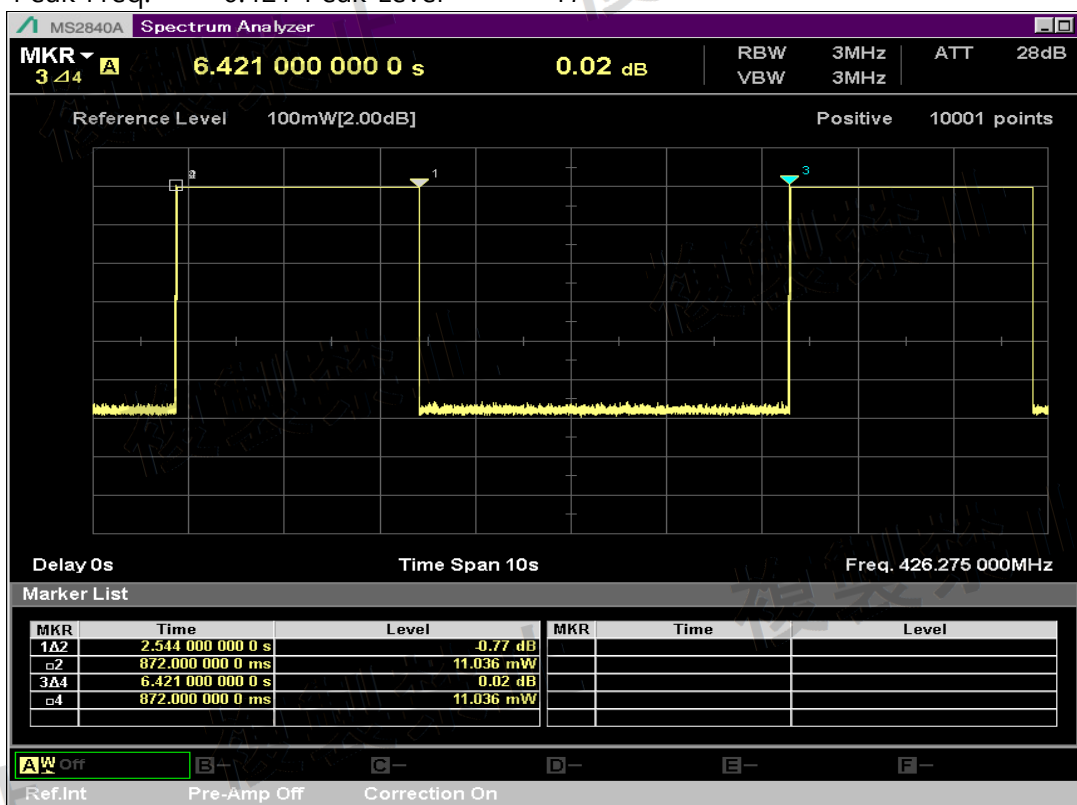
5.93



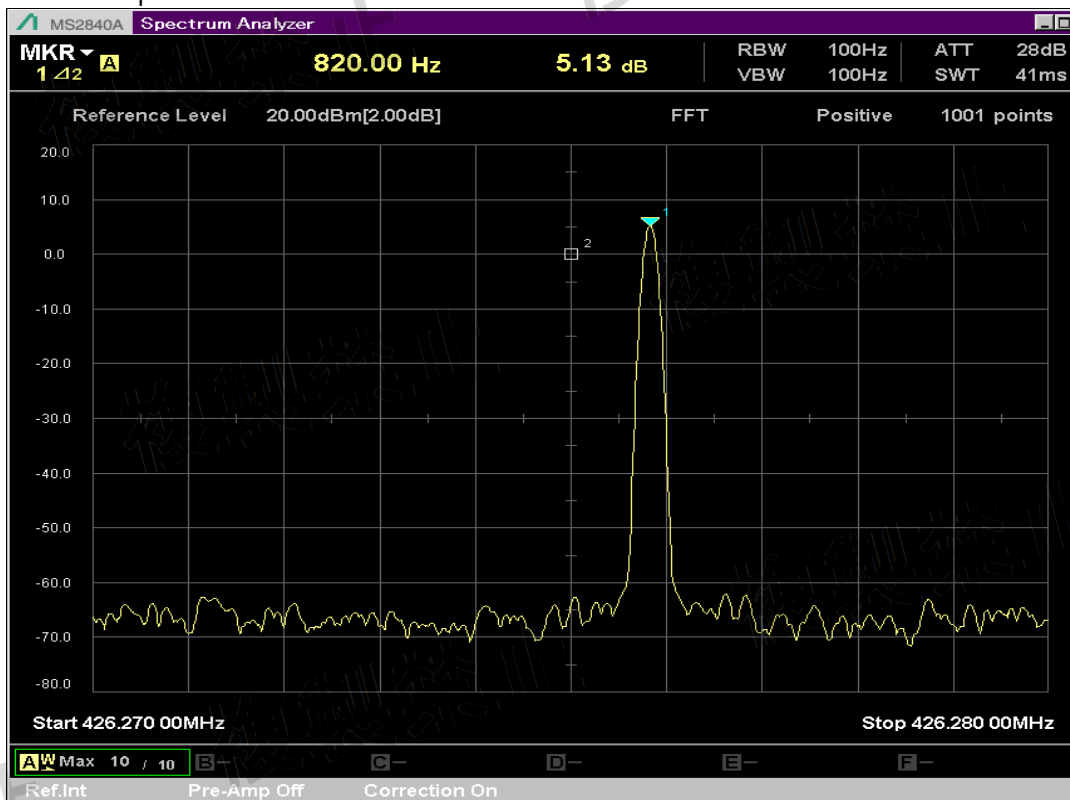
Peak Freq. 3.98E+09 Peak Level 5.19E-07



Peak Freq. 6.421 Peak Level 17



Peak Freq. 820 Peak Level 5.13

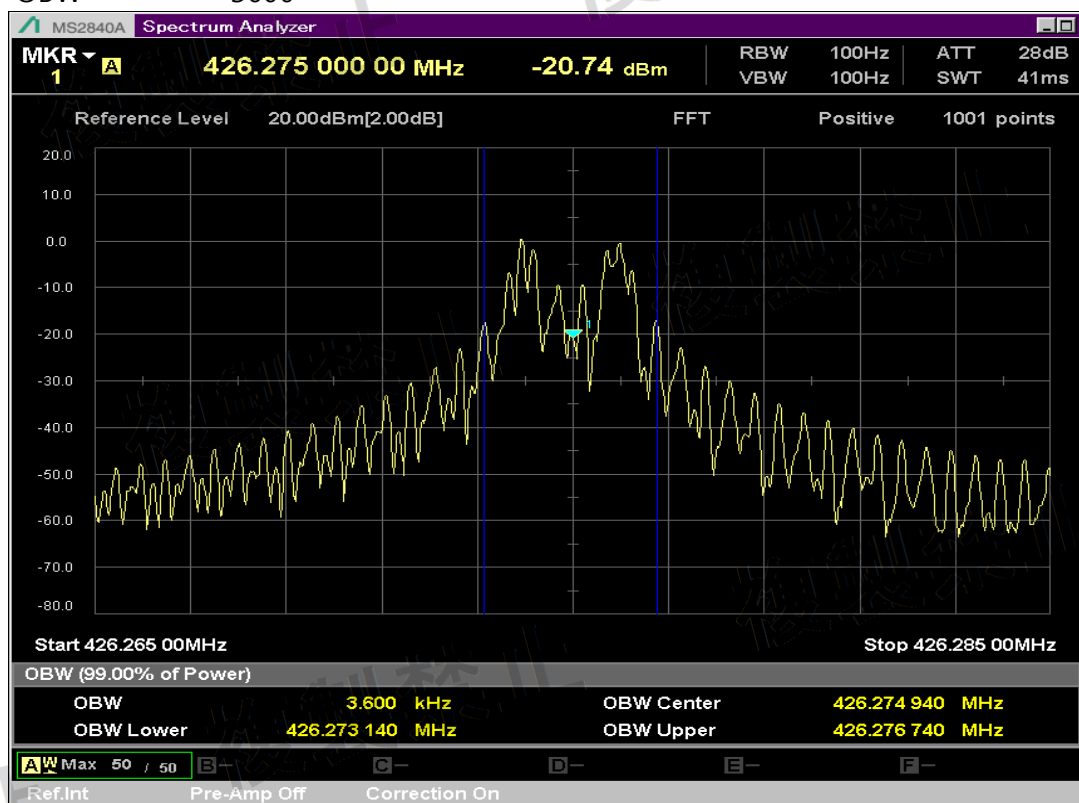


Peak Freq. 4.26E+08 Peak Level 3.769641

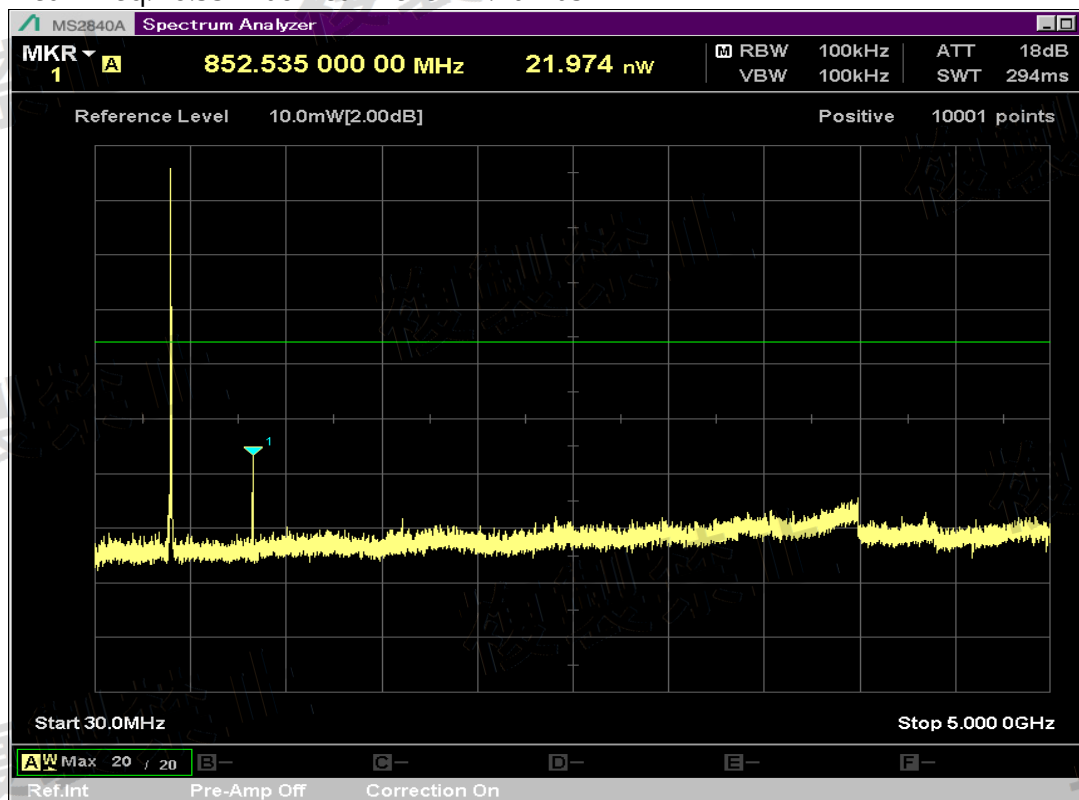


OBW

3600



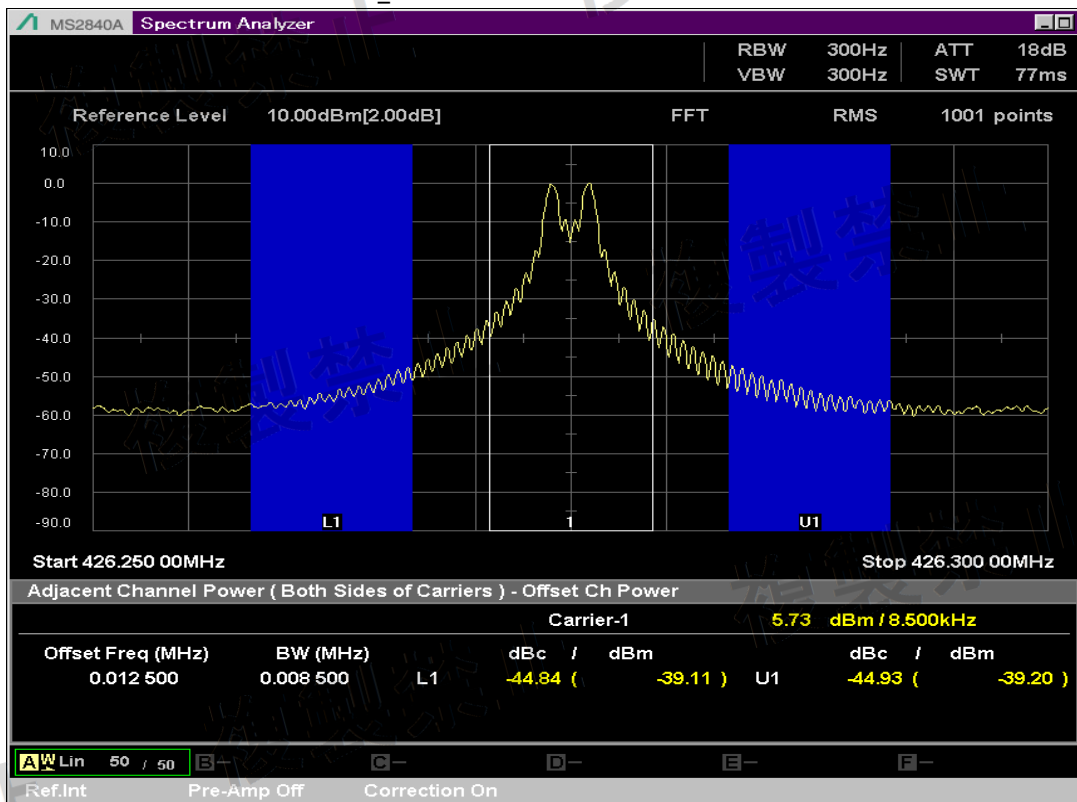
Peak Freq. 8.53E+08 Peak Level 2.20E-05



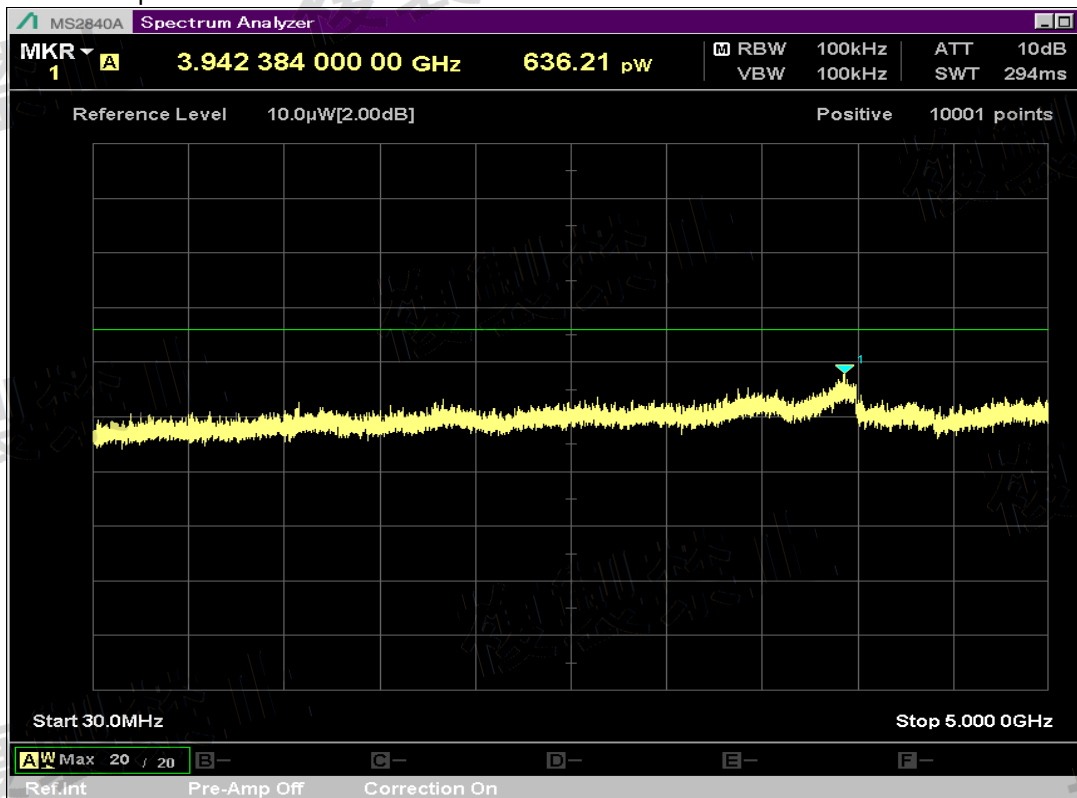
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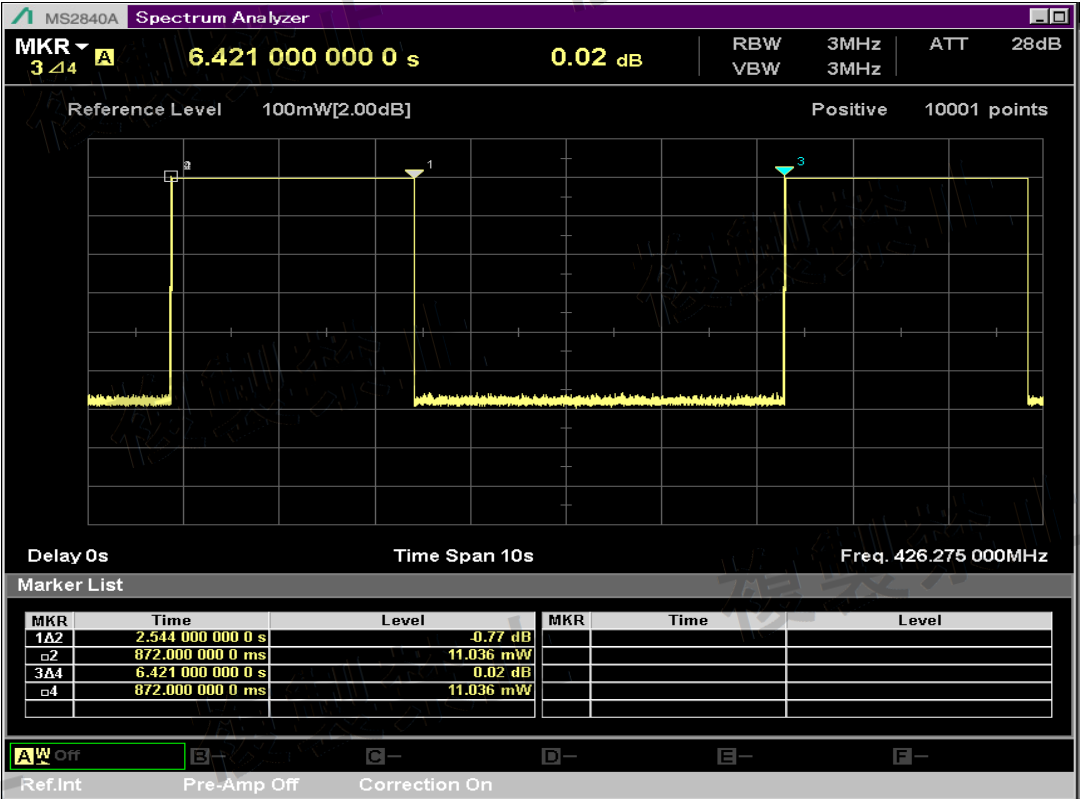
5.73



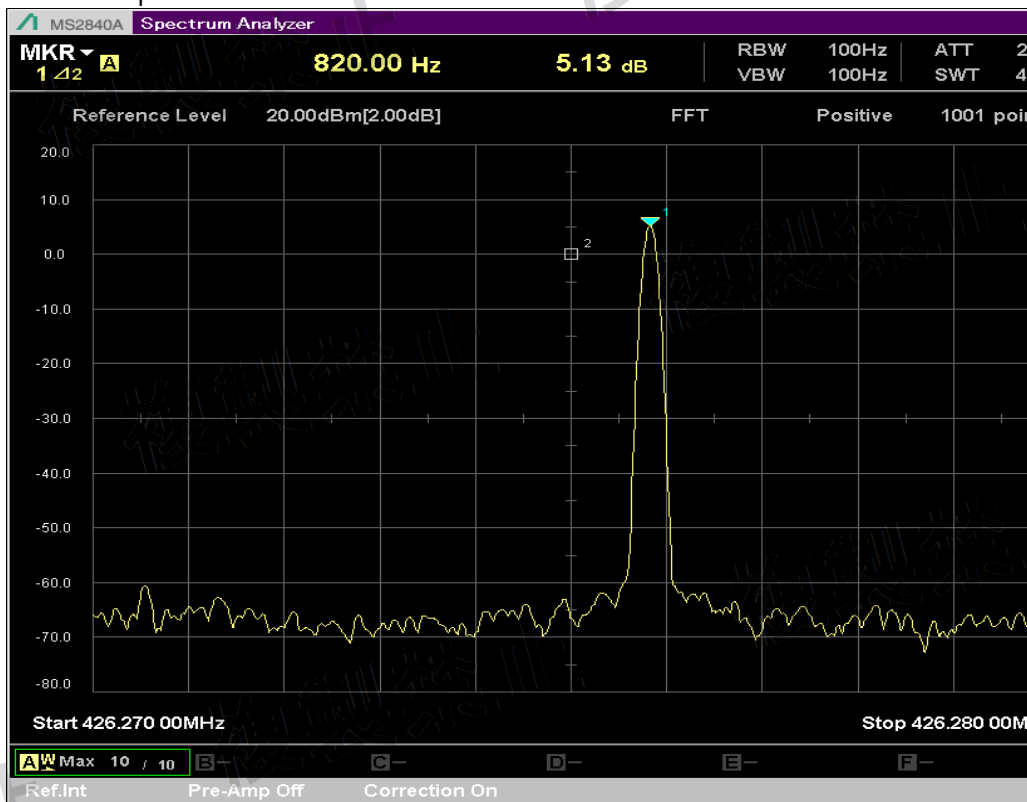
Peak Freq. 3.94E+09 Peak Level 6.36E-07



Peak Freq. 6.421 Peak Level 17



Peak Freq. 820 Peak Level 5.134

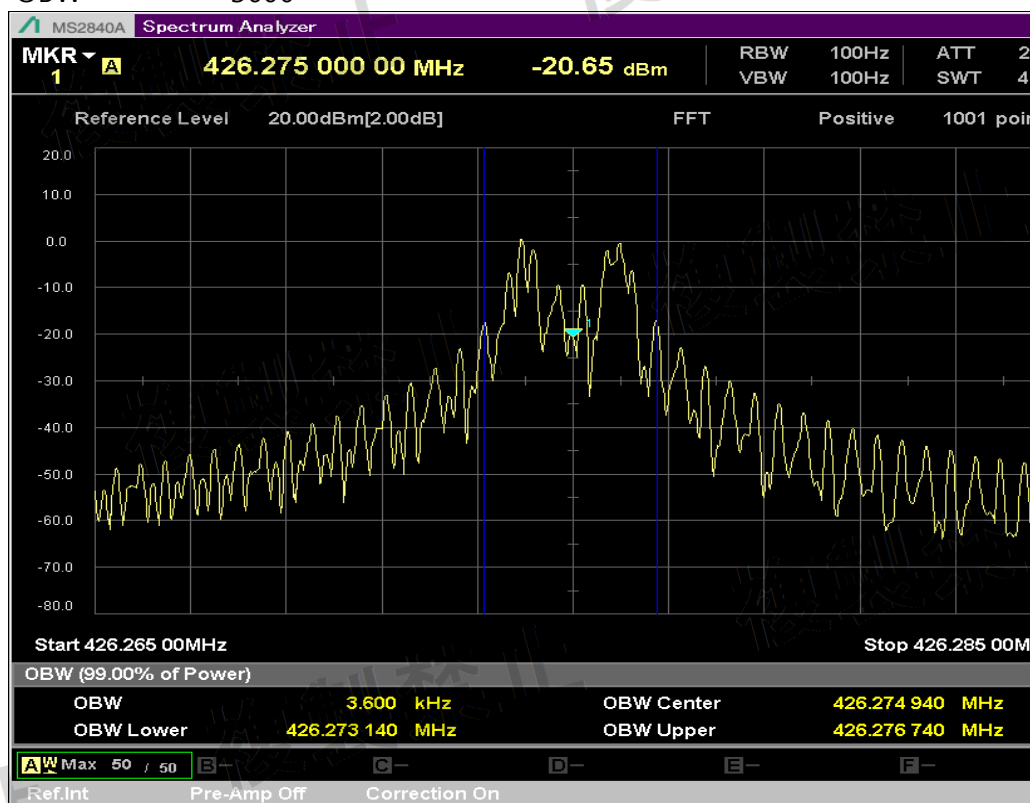


Peak Freq. 4.26E+08 Peak Level 3.769641

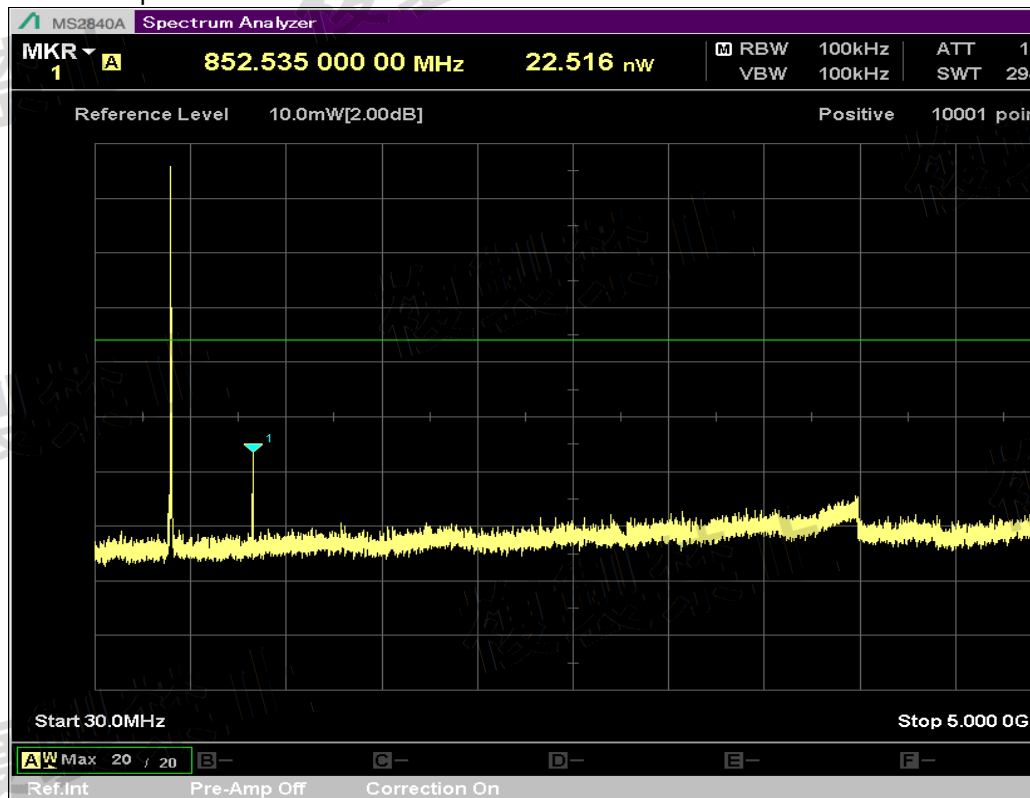


OBW

3600



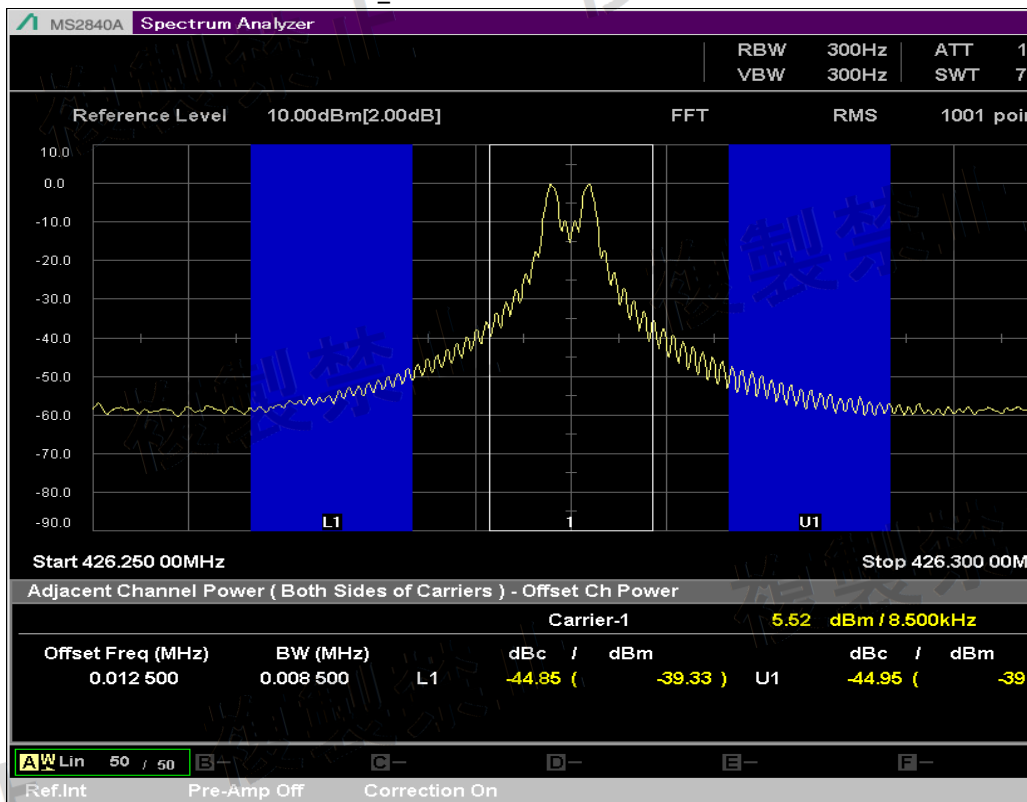
Peak Freq. 8.53E+08 Peak Level 2.25E-05



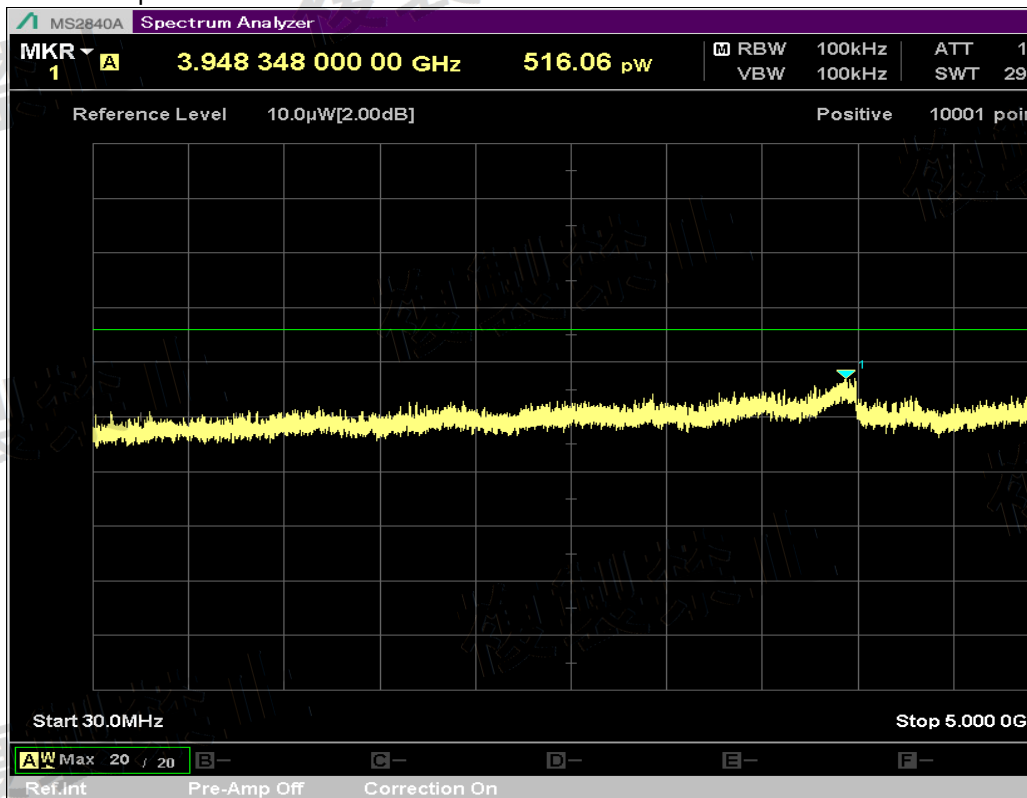
ACP

CARR_PWF

5.52



Peak Freq. 3.95E+09 Peak Level 5.16E-07



Peak Freq. 6.421 Peak Level 17

