

ification & Testino

World Standardization Certification & Testing Group (Shenzhen) Co.,Ltd.

Report No.: WSCT-ANAB-R&E240700032A-Wi-Fi2

lac MR/ ANSI National Accreditation Board

Certificate Number : AT-3951

For Question







lac MR/ ANSI National Accreditation Board

Report No.: WSCT-ANAB-R&E240700032A-Wi-Fi2 Certificate Number : AT-3951







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ADD:Building A-B, Baoli'an industrial Park, No. 58 Tangtou Avenue, Shiyan Street, Bao'an District Shenzhen, Guangdong china TEL: 86-755-26996192 226996053 Fax: 86-755-86376605 E-mail: Fengbing.Wang@wsct-cert.com Http://www.wsct-cert.com



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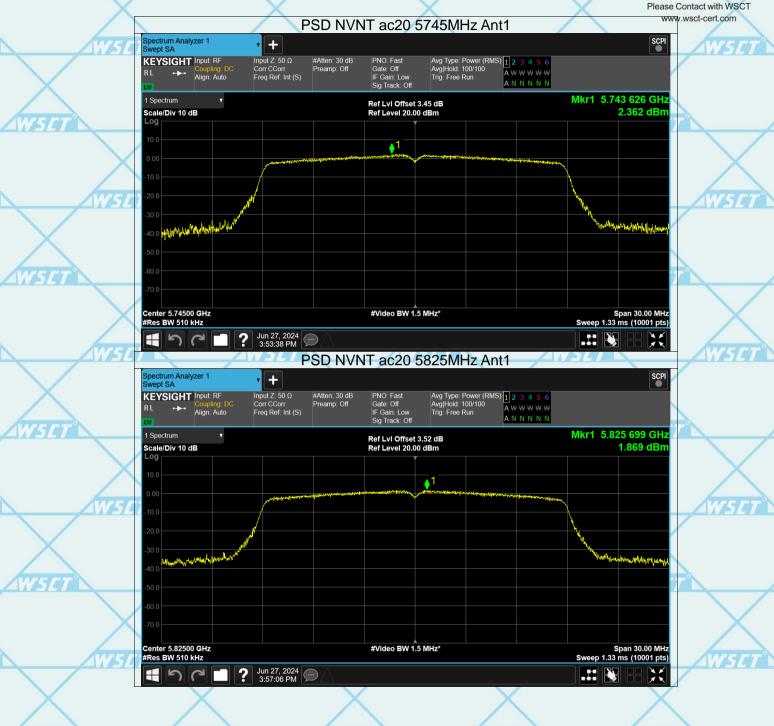
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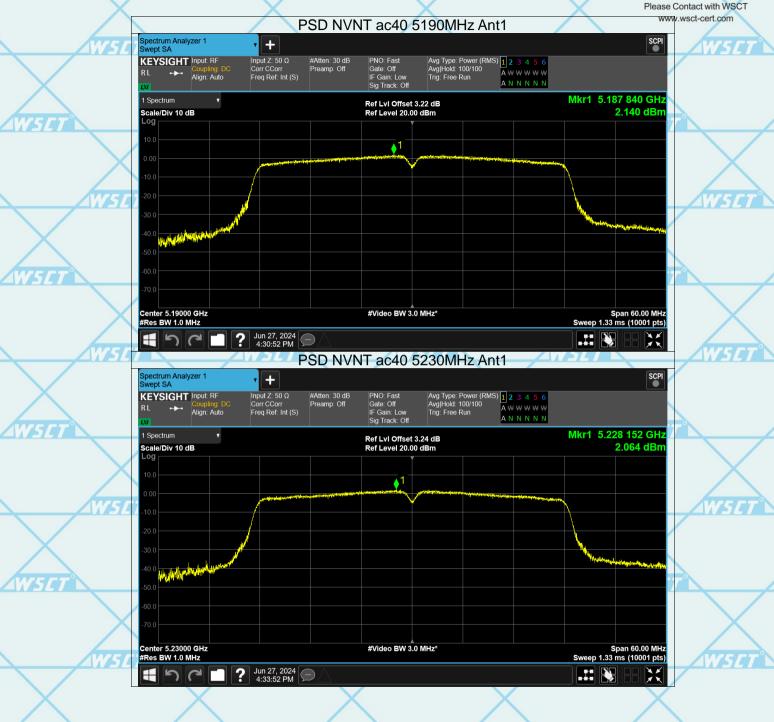


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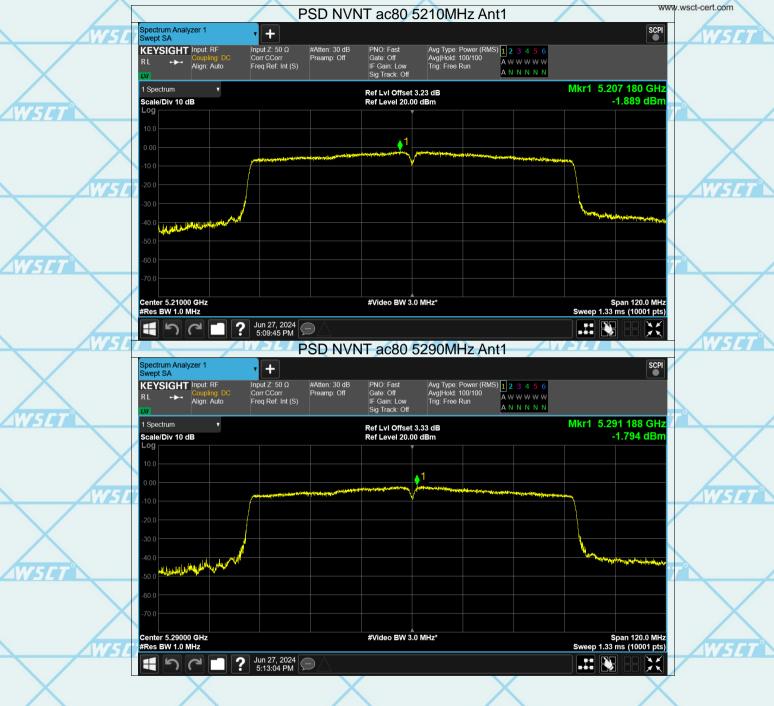
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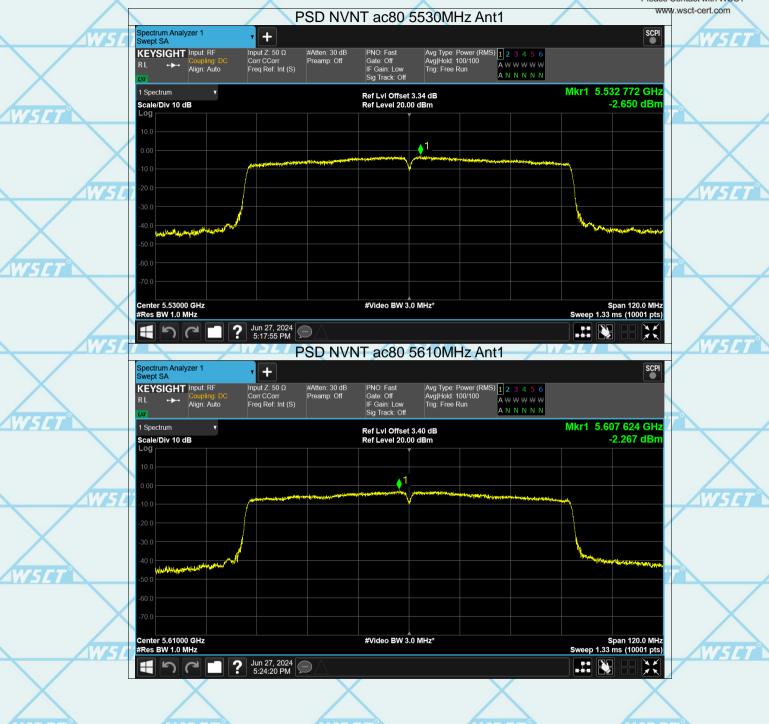


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7.8 FREQUENCY STABILITY

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И	Product:	EUT-Sample W5L	Test Item:	Frequency Stability	7
	Temperature:	25 ℃	Humidity:	56%RH	
	Test Voltage:	DC 3.87V	Test Result:	PASS	

	Mode	Frequency (MHz)	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict	
4	a	5180	5180	0	0	25	Pass	4
L	2 a	5240	5239.96	-40000	-7.63	25	Pass	Ľ
	а	5260	5259.98	-20000	-3.8	25	Pass	
	а	5320	5319.98	-20000	-3.76	25	Pass	
	а	5500	5499.98	-20000	-3.64	25	Pass	
	а	5700	5700	0	75-0	25	Pass	
1	a /	5745	5744.96	-40000	-6.96	25	Pass	
	a	5825	5824.96	-40000	-6.87	25	Pass	
	n20	5180	5179.98	-20000	-3.86	25	Pass	
A	n20	5240	5239.98	-20000	-3.82	25	Pass	Ä
Ľ	n20	5260	5259.96	-40000	-7.6	25	Pass	Ĺ
	n20	5320	5319.98	-20000	-3.76	25	Pass	
	n20	5500	5499.98	-20000	-3.64	25	Pass	
	n20	5700	5699.98	-20000	-3.51	25	Pass	
	n20	5745	5744.96	-40000	757-6.96	25	Pass	
1	n20	5825	5824.98	-20000	-3.43	25	Pass	_
	n40	5190	5189.96	-40000	-7.71	25	Pass	
	n40	5230	5230	0	0	25	Pass	
4	n40	5270	5270	0	0	25	Pass	
u	n40	5310	5310	0	0	25	Pass	4
	n40	5510	5509.96	-40000	-7.26	25	Pass	
	n40	5670	5669.96	-40000	-7.05	25	Pass	
	n40	5755	5754.96	-40000	-6.95	25	Pass	
	n40	5795	5794.96	-40000	/5/-6.9	25	Pass	
	ac20	5180	5179.98	-20000	-3.86	25	Pass	\
	ac20	5240	5239.98	-20000	-3.82	25	Pass	
	ac20	5260	5259.96	-40000	-7.6	25	Pass	,
4	ac20	5320	5319.98	-20000	-3.76	25	Pass	
ч	ac20	5500	5499.98	-20000	-3.64	25	Pass	4
	ac20	5700	5700	0	0	25	Pass	
	ac20	5745	5744.98	-20000	-3.48	25	Pass	
	ac20	5825	5824.98	-20000	-3.43	25 /	Pass	
	ac40	5190	5190/5//	0	5 0	25	Pass	
	ac40	5230	5229.96	-40000	-7.65	25	Pass	1
	ac40	5270	5270.04	40000	7.59	25	Pass	
	ac40	5310	5310	0	0	25	Pass	1
1	ac40	5510	5510	0	0	25	Pass	-
on	ac40	5670	5670	0	0	25	Pass	A
	ac40	5755	5755	0	0	25	Pass	
	ac40	5795	5794.96	-40000	-6.9	25	Pass	
É	ac80	5210	5210	0 /	0	25 /	Pass	
		2 /2	1774741		4700		4700	

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	ac80	5290	5289.92	-80000	-15.12	25	Plea Sigact with WSCT	
	ac80	5530	5530	0	0	25	Pass Pass	
1	ac80	5610	5610	W/50-7°	0 14/5	25	Pass VICE	7

	ac80	5610	5610	W 50	0			ass 175	ET.
	ac80	5775	5775	0	0		25 P	ass	
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World Startian Zation	Certification & Testing	世标检测认证股份 Group (Shenzhen) Co., Ltd.	ADD:Building A-B, Baoli' TEL: 86-755-26996192 2	an industrial Park, No. 58	Tangtou Avenue, Shiy 86376605 E-mail: Feng	an Street, Bao'an bing.Wang@wsct	District Shenzher -cert.com Http:	,Guangdong chi	na om

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For Question Please Contact with WSCT www.wsct-cert.com **Test Graphs** Freq. Stability NVNT a 5180MHz Ant1 0 Minutes Spectrum Analyzer 1 Swept SA + Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) KEYSIGHT Input: RF Align: Auto PNNNNN Mkr1 5.180 00 GHz 1 Spectrum Ref Lvi Offset 3.21 dB Ref Level 20.00 dBm -15.74 dBm Scale/Div 10 dB 2 Transport of terrary and 1 days y properties agree of the who have any Center 5.18000 GHz #Res BW 10 kHz Span 40.00 MHz Sweep 382 ms (1001 pts) #Video BW 30 kHz Function Width Function Value ? Jun 27, 2024 2:29:26 PM Freq. Stability NVNT a 5240MHz Ant1 0 Minutes Spectrum Analyzer Swept SA Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) #Atten: 30 dB Preamp: Off PNO: Fast Gate: Off IF Gain: Low Sig Track: Off KEYSIGHT Input: RF 1 2 3 4 5 6 Align: Auto M ** ** ** ** P N N N N N Mkr1 5.239 96 GHz Ref LvI Offset 3.25 dB Ref Level 20.00 dBm -13.62 dBm Scale/Div 10 dB mary production of the second personal metrological contraction of the contractio Center 5.24000 GHz #Res BW 10 kHz Span 40.00 MHz Sweep 382 ms (1001 pts) #Video BW 30 kHz Function Width Function Value Function



? Jun 27, 2024 2:32:24 PM

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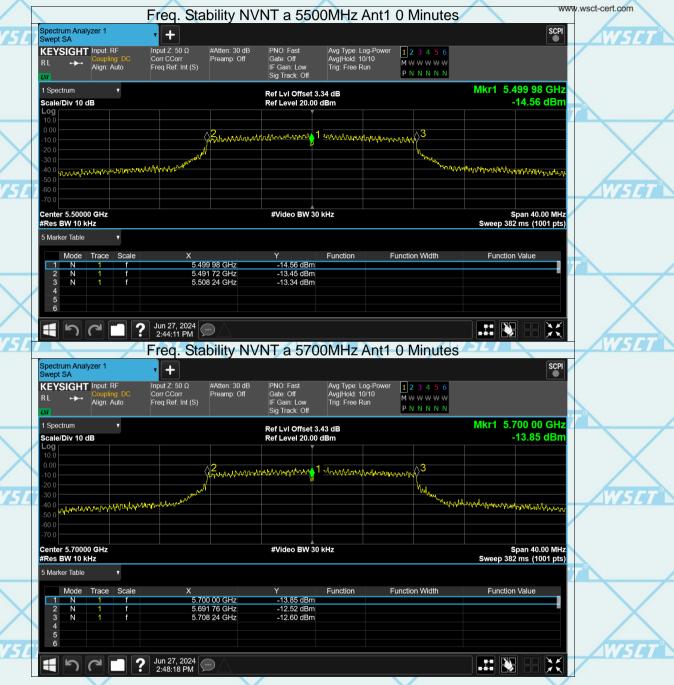
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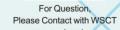
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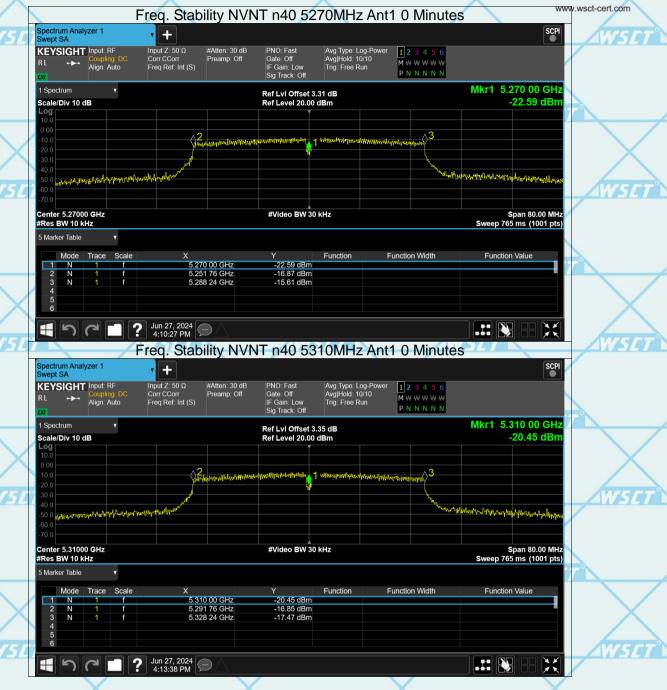


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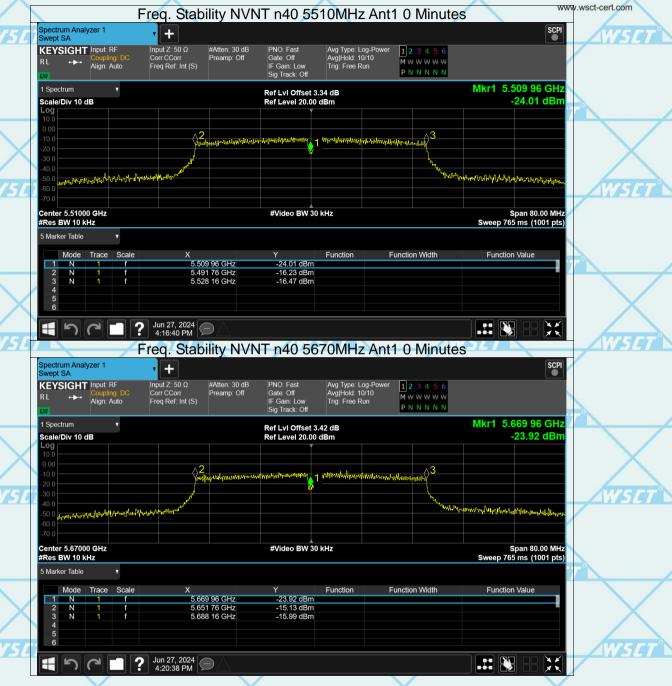
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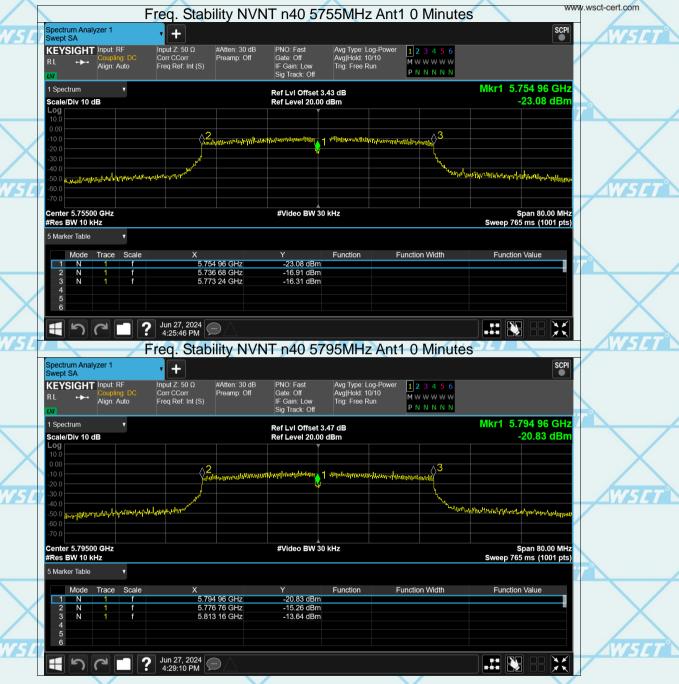


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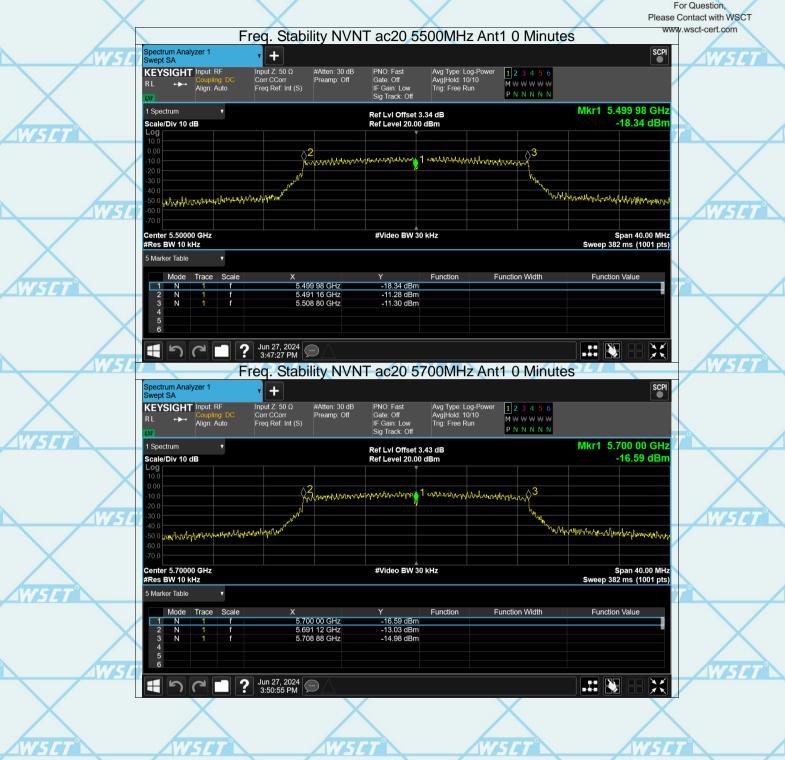
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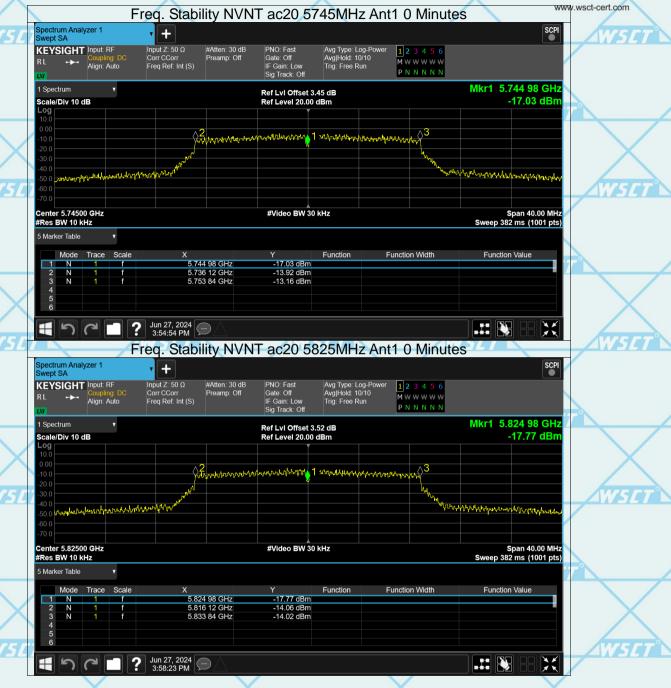






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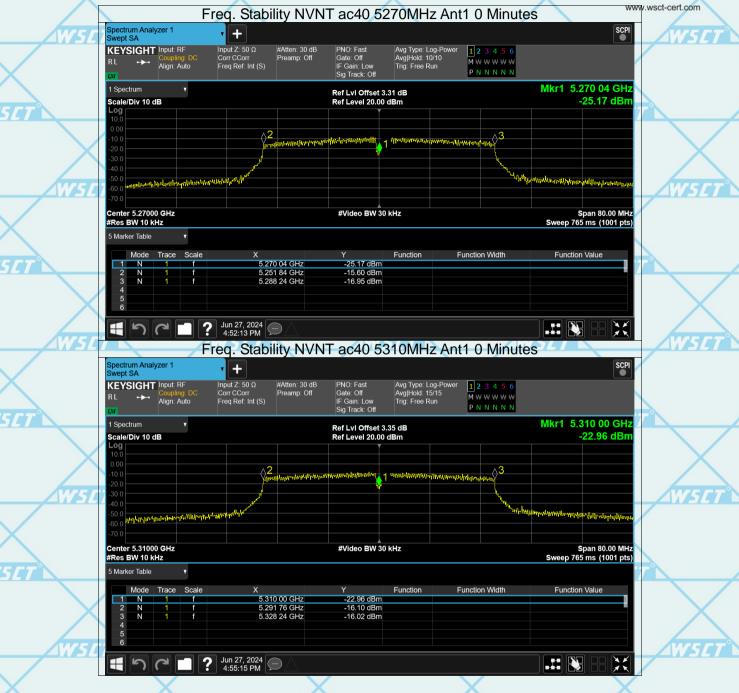


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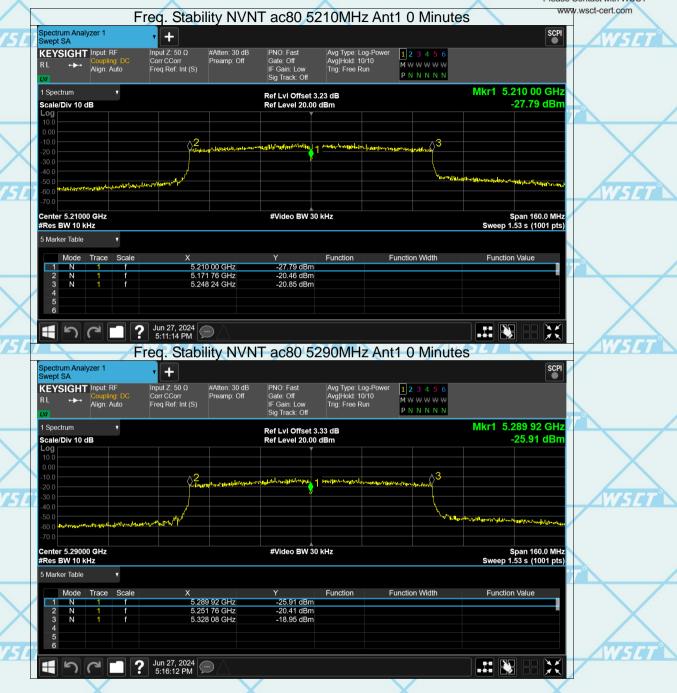






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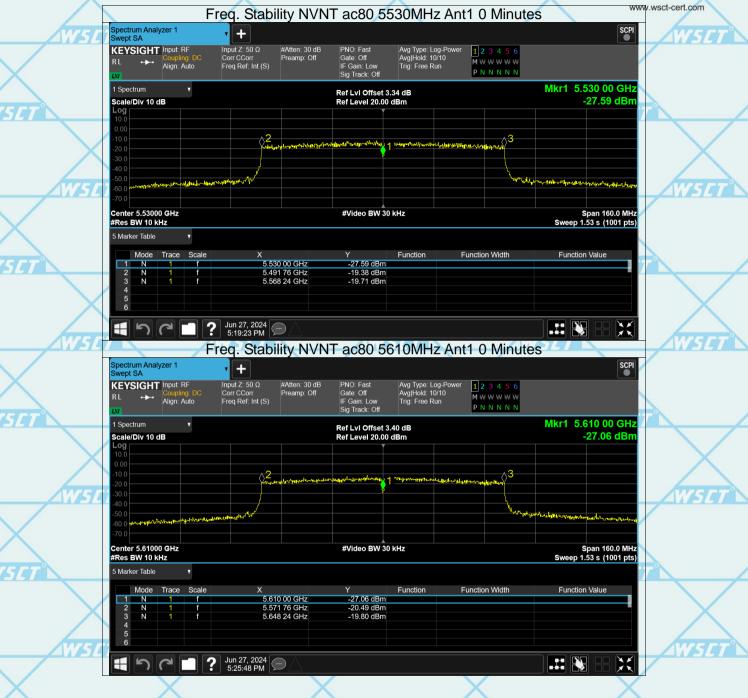
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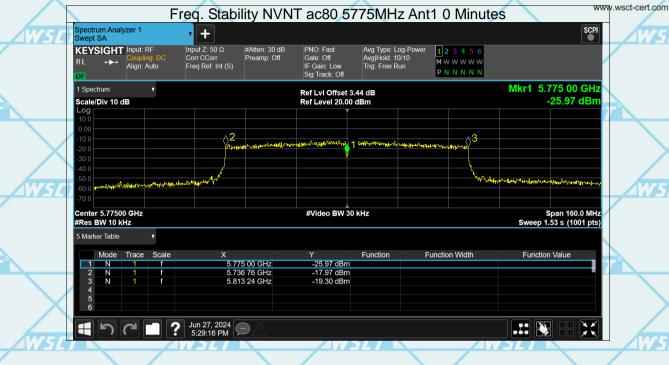


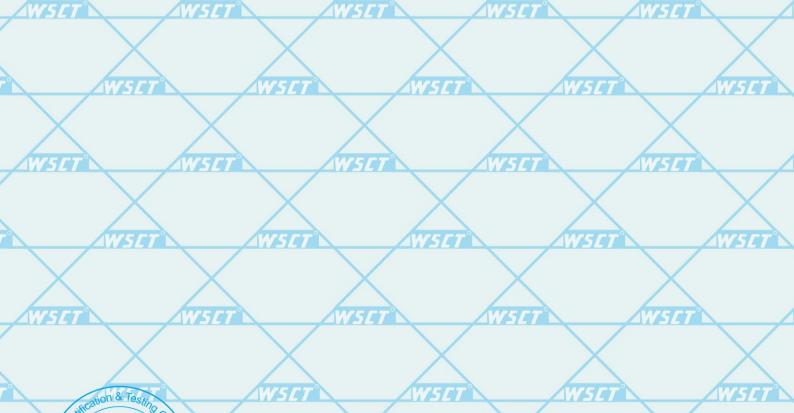


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7.9 BAND EDGE EMISSIONS 7.9.1 TEST EQUIPMENT

Report No.: WSCT-ANAB-R&E240700032A-Wi-Fi2

Please refer to Section 4 this report.

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792 TEST PROCEDURE

1.9.2 IESTP	RUCEDURE		
Band Edge Emis	ssions Measurement:		
Test Method:	a.)The EUT was tested according to Al	NSI C63.10.	
	b)The EUT, peripherals were put on the	e turntable which table size is 1m x 1.5 r	n, table high
	1.5 m. All set up is according to ANS	I C63.10.	
	c)The frequency spectrum from 9 kHz	to 40 GHz was investigated. All readings	from <u>9</u> kHz
X	to 150 kHz are quasi-peak values wit	th a resolution bandwidth of <u>200</u> Hz. All r	eadings from
		alues with a resolution bandwidth of 9 K	
WEET		quasi-peak values with a resolution band	
LIF19		peak values with a resolution bandwidth	i of <u>1</u> MHz .
	Measurements were made at 3 meter		
		easured continuously at every azimuth b	
		gh is varied from $\underline{1}$ m to $\underline{4}$ m high to find t	
		ons below 30MHz were measured with a	
		Iz were measured using a broadband E-	field
	antenna.	1 11 1 (2) 1 1 1 1 1 1 1	
		ed on the six (6) highest emissions to ens	
		nbinations. All data was recorded in the	
		s was performed only when an emission ation limit), and are distinguished with a	
WSIT	data table.	ation limit), and are distinguished with a	QF III tile
		by changing the polarization of receiving	antenna
	both	by changing the polarization of receiving	antenna
		out the max. emission, the relative posi	tions of this
		three orthogonal axes according to the	
	requirements in	WELT	WELT
	Section 8 and 13 of ANSI C63.10.	1129	11814
Band Edge Emis	ssions Measurement:		
Test Equipment Set	tting:	X	
a)Attenuation: Au		d)RBW/VBW(Emission in non-restricted	ed band)
b)Span Frequenc		1MHz / 3MHz for peak	
	nission in restricted band):	W-51-1 W-51-1	
1MHz / 3MHz for			
1MHz / 1/T for Av	rerage		
7.9.3 TEST S	ETUP		

7.9.3 TEST SETUP

Same as section 3.4 of this report

CONFIGURATION OF THE EUT

Same as section 3.4 of this report

7.9.5 EUT OPERATING CONDITION

Same as section 3.4 of this report.

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