



ACLR FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N48	30	30	DFT-QPSK	L	Outer_Full	≤-30	PASS
N48	30	30	DFT-QPSK	L	Outer_Full	≤-30	PASS
N48	30	30	DFT-QPSK	L	Edge_1RB_Left	≤-30	PASS
N48	30	30	DFT-QPSK	L	Edge_1RB_Left	≤-30	PASS
N48	30	30	DFT-QPSK	L	Edge_1RB_Right	≤-30	PASS
N48	30	30	DFT-QPSK	L	Edge_1RB_Right	≤-30	PASS
N48	30	30	DFT-QPSK	M	Outer_Full	≤-30	PASS
N48	30	30	DFT-QPSK	M	Outer_Full	≤-30	PASS
N48	30	30	DFT-QPSK	M	Edge_1RB_Left	≤-30	PASS
N48	30	30	DFT-QPSK	M	Edge_1RB_Left	≤-30	PASS
N48	30	30	DFT-QPSK	M	Edge_1RB_Right	≤-30	PASS
N48	30	30	DFT-QPSK	M	Edge_1RB_Right	≤-30	PASS
N48	30	30	DFT-QPSK	H	Outer_Full	≤-30	PASS
N48	30	30	DFT-QPSK	H	Outer_Full	≤-30	PASS
N48	30	30	DFT-QPSK	H	Edge_1RB_Left	≤-30	PASS
N48	30	30	DFT-QPSK	H	Edge_1RB_Left	≤-30	PASS
N48	30	30	DFT-QPSK	H	Edge_1RB_Right	≤-30	PASS
N48	30	30	DFT-QPSK	H	Edge_1RB_Right	≤-30	PASS
N48	30	60	DFT-QPSK	L	Outer_Full	≤-30	PASS
N48	30	60	DFT-QPSK	L	Outer_Full	≤-30	PASS
N48	30	60	DFT-QPSK	L	Edge_1RB_Left	≤-30	PASS
N48	30	60	DFT-QPSK	L	Edge_1RB_Left	≤-30	PASS
N48	30	60	DFT-QPSK	L	Edge_1RB_Right	≤-30	PASS
N48	30	60	DFT-QPSK	L	Edge_1RB_Right	≤-30	PASS
N48	30	60	DFT-QPSK	M	Outer_Full	≤-30	PASS
N48	30	60	DFT-QPSK	M	Outer_Full	≤-30	PASS
N48	30	60	DFT-QPSK	M	Edge_1RB_Left	≤-30	PASS
N48	30	60	DFT-QPSK	M	Edge_1RB_Left	≤-30	PASS
N48	30	60	DFT-QPSK	M	Edge_1RB_Right	≤-30	PASS
N48	30	60	DFT-QPSK	M	Edge_1RB_Right	≤-30	PASS
N48	30	60	DFT-QPSK	H	Outer_Full	≤-30	PASS
N48	30	60	DFT-QPSK	H	Outer_Full	≤-30	PASS
N48	30	60	DFT-QPSK	H	Edge_1RB_Left	≤-30	PASS
N48	30	60	DFT-QPSK	H	Edge_1RB_Left	≤-30	PASS
N48	30	60	DFT-QPSK	H	Edge_1RB_Right	≤-30	PASS
N48	30	60	DFT-QPSK	H	Edge_1RB_Right	≤-30	PASS
N48	30	100	DFT-QPSK	L	Outer_Full	≤-30	PASS
N48	30	100	DFT-QPSK	L	Outer_Full	≤-30	PASS
N48	30	100	DFT-QPSK	L	Edge_1RB_Left	≤-30	PASS
N48	30	100	DFT-QPSK	L	Edge_1RB_Left	≤-30	PASS
N48	30	100	DFT-QPSK	L	Edge_1RB_Right	≤-30	PASS
N48	30	100	DFT-QPSK	L	Edge_1RB_Right	≤-30	PASS
N48	30	100	DFT-QPSK	M	Outer_Full	≤-30	PASS
N48	30	100	DFT-QPSK	M	Outer_Full	≤-30	PASS
N48	30	100	DFT-QPSK	M	Edge_1RB_Left	≤-30	PASS



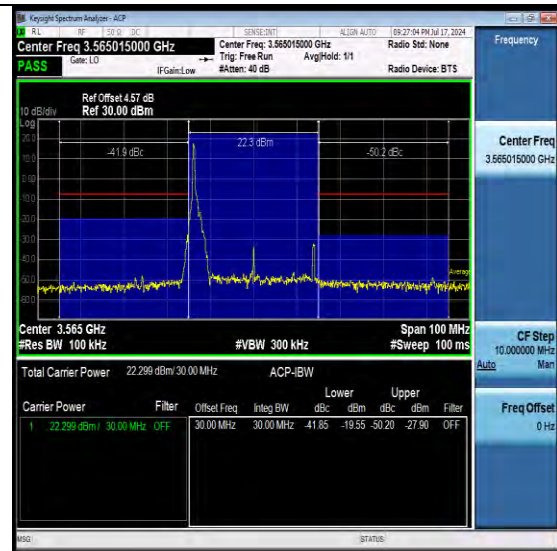
N48	30	100	DFT-QPSK	M	Edge_1RB_Left	≤-30	PASS
N48	30	100	DFT-QPSK	M	Edge_1RB_Right	≤-30	PASS
N48	30	100	DFT-QPSK	M	Edge_1RB_Right	≤-30	PASS
N48	30	100	DFT-QPSK	H	Outer_Full	≤-30	PASS
N48	30	100	DFT-QPSK	H	Outer_Full	≤-30	PASS
N48	30	100	DFT-QPSK	H	Edge_1RB_Left	≤-30	PASS
N48	30	100	DFT-QPSK	H	Edge_1RB_Left	≤-30	PASS
N48	30	100	DFT-QPSK	H	Edge_1RB_Right	≤-30	PASS
N48	30	100	DFT-QPSK	H	Edge_1RB_Right	≤-30	PASS
N48	30	10	DFT-QPSK	L	Outer_Full	≤-30	PASS
N48	30	10	DFT-QPSK	L	Outer_Full	≤-30	PASS
N48	30	10	DFT-QPSK	L	Edge_1RB_Left	≤-30	PASS
N48	30	10	DFT-QPSK	L	Edge_1RB_Left	≤-30	PASS
N48	30	10	DFT-QPSK	L	Edge_1RB_Right	≤-30	PASS
N48	30	10	DFT-QPSK	L	Edge_1RB_Right	≤-30	PASS
N48	30	10	DFT-QPSK	M	Outer_Full	≤-30	PASS
N48	30	10	DFT-QPSK	M	Outer_Full	≤-30	PASS
N48	30	10	DFT-QPSK	M	Edge_1RB_Left	≤-30	PASS
N48	30	10	DFT-QPSK	M	Edge_1RB_Left	≤-30	PASS
N48	30	10	DFT-QPSK	M	Edge_1RB_Right	≤-30	PASS
N48	30	10	DFT-QPSK	M	Edge_1RB_Right	≤-30	PASS
N48	30	10	DFT-QPSK	H	Outer_Full	≤-30	PASS
N48	30	10	DFT-QPSK	H	Outer_Full	≤-30	PASS
N48	30	10	DFT-QPSK	H	Edge_1RB_Left	≤-30	PASS
N48	30	10	DFT-QPSK	H	Edge_1RB_Left	≤-30	PASS
N48	30	10	DFT-QPSK	H	Edge_1RB_Right	≤-30	PASS
N48	30	10	DFT-QPSK	H	Edge_1RB_Right	≤-30	PASS



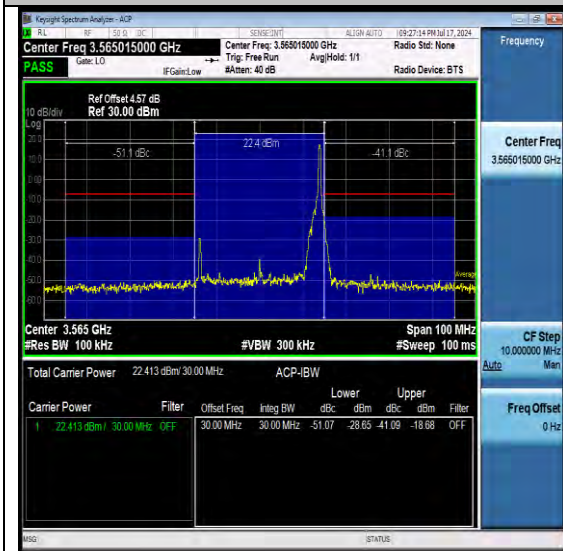
TEST GRAPHS



NTNV-N48-PC3-30-30-L-DFT-QPSK-Outer_Full-A nt1-PASS



NTNV-N48-PC3-30-30-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N48-PC3-30-30-L-DFT-QPSK-Edge_1RB_Right-Ant1-PASS



NTNV-N48-PC3-30-30-M-DFT-QPSK-Outer_Full-Ant1-PASS

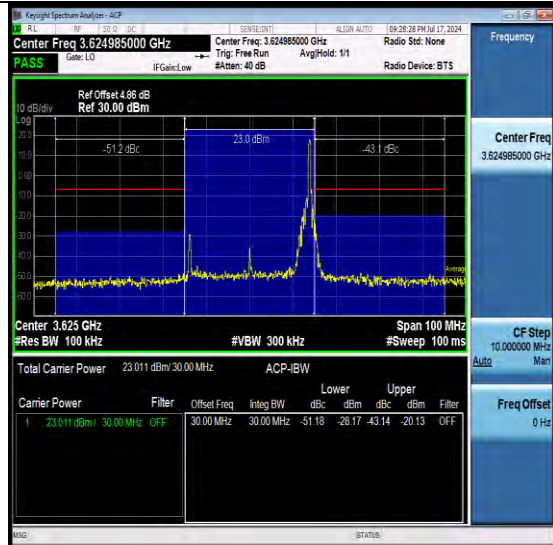


BUREAU VERITAS

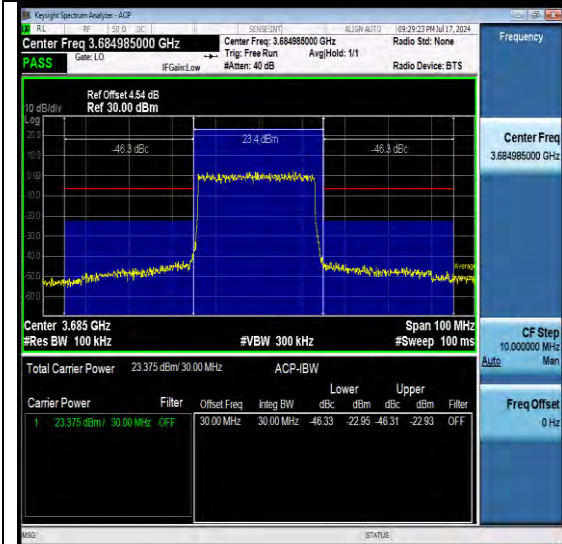
Test Report No.: W7L-240618W002RF13



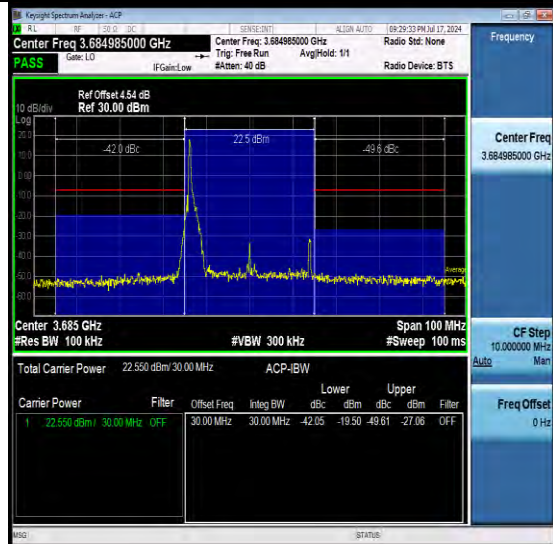
NTNV-N48-PC3-30-30-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



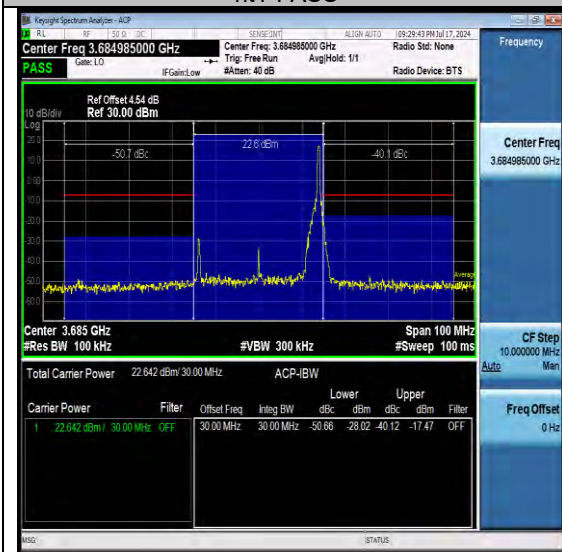
NTNV-N48-PC3-30-30-M-DFT-QPSK-Edge_1RB_Right-Ant1-PASS



NTNV-N48-PC3-30-30-H-DFT-QPSK-Outer_Full-Ant1-PASS



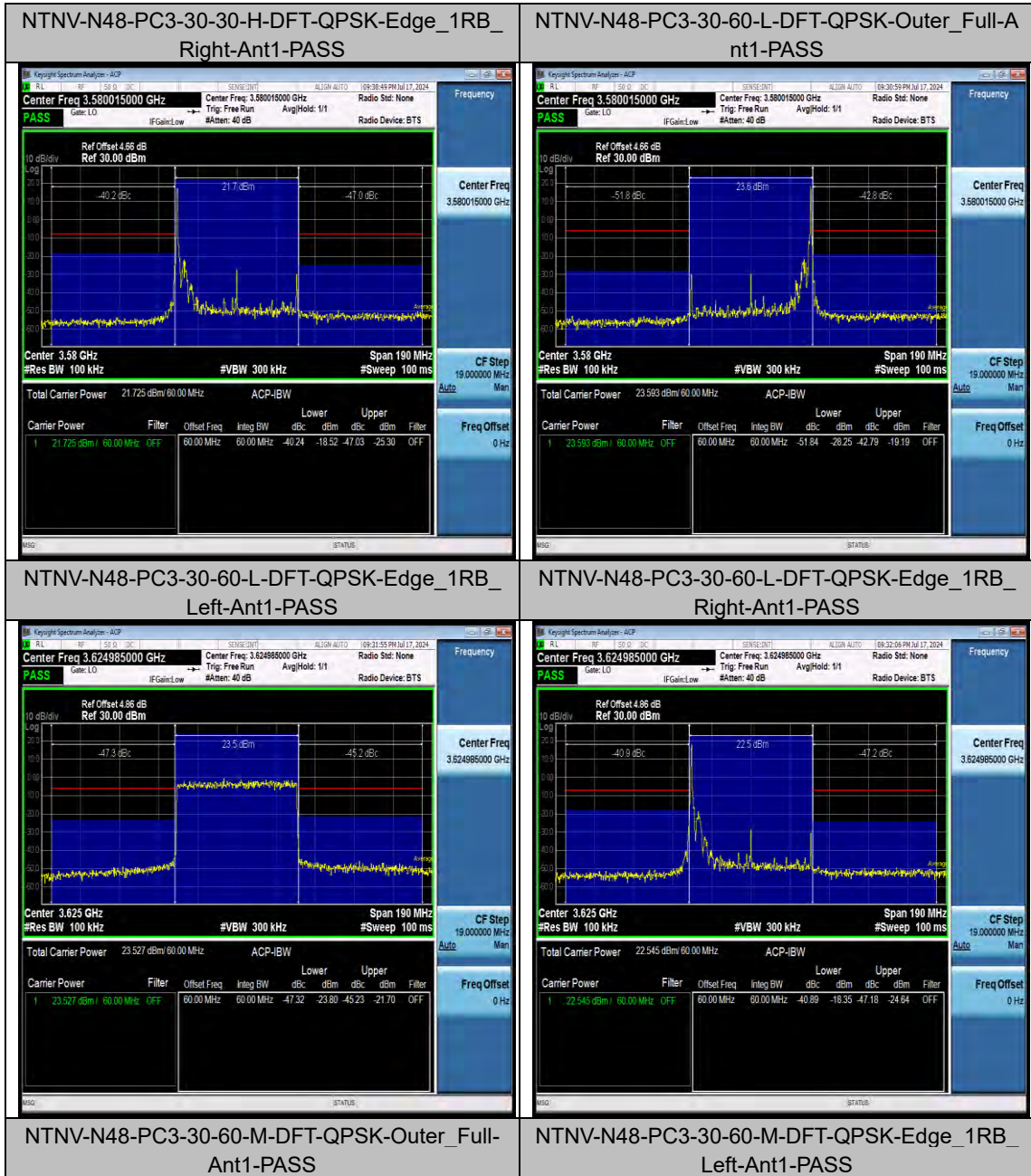
NTNV-N48-PC3-30-30-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



BV 7Layers Communications Technology (Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

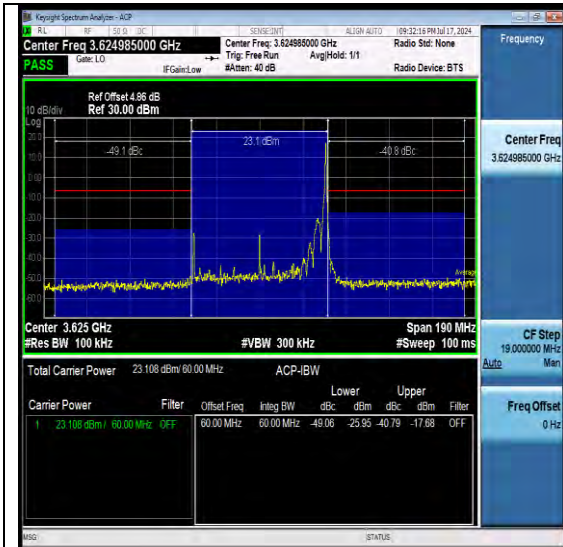
Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com





BUREAU VERITAS

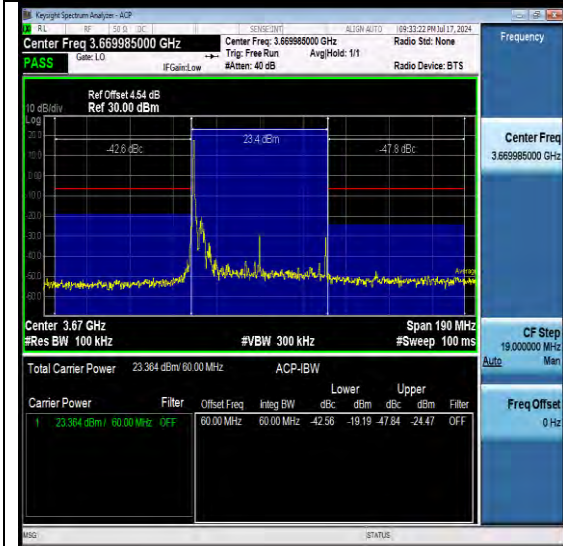
Test Report No.: W7L-240618W002RF13



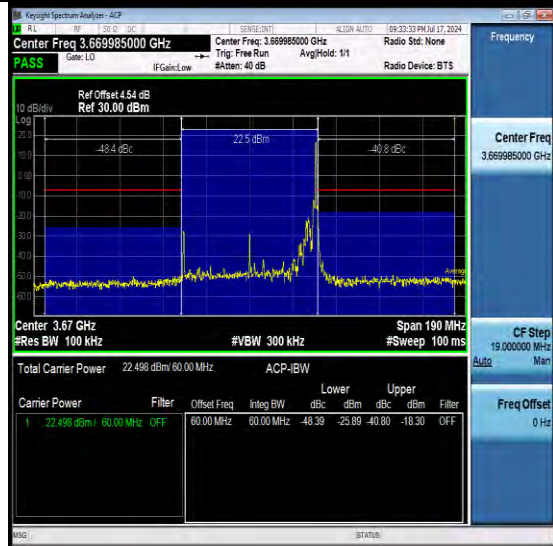
NTNV-N48-PC3-30-60-M-DFT-QPSK-Edge_1RB_Right-Ant1-PASS



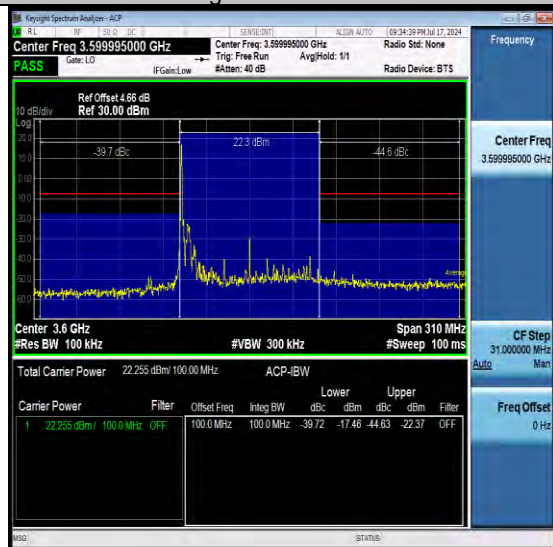
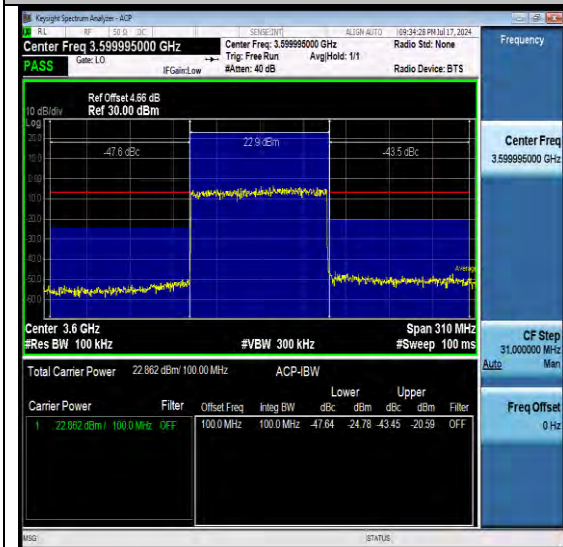
NTNV-N48-PC3-30-60-H-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N48-PC3-30-60-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N48-PC3-30-60-H-DFT-QPSK-Edge_1RB_Right-Ant1-PASS



BV 7Layers Communications Technology (Shenzhen) Co., Ltd

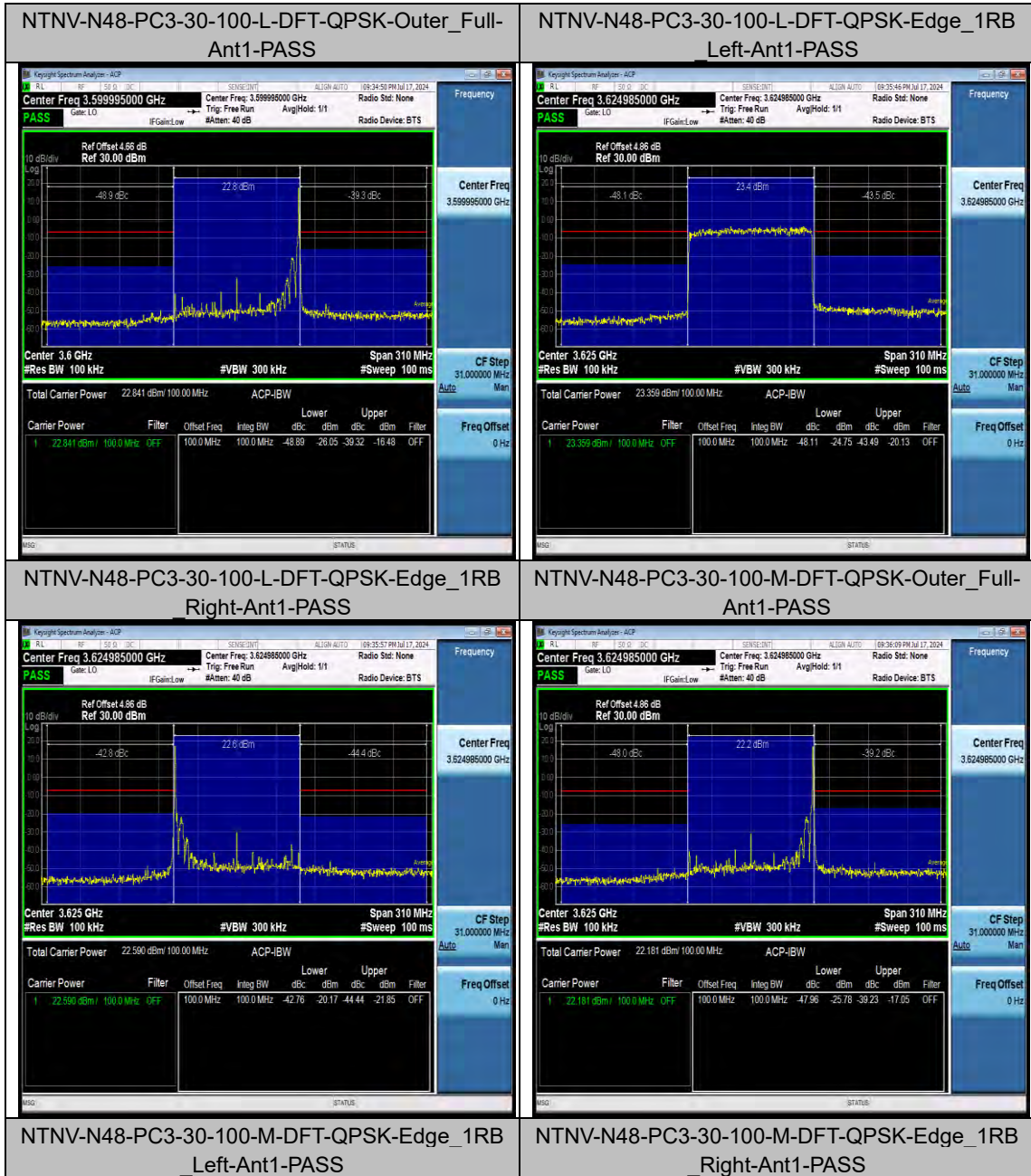
Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU VERITAS

Test Report No.: W7L-240618W002RF13



BV 7Layers Communications Technology (Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

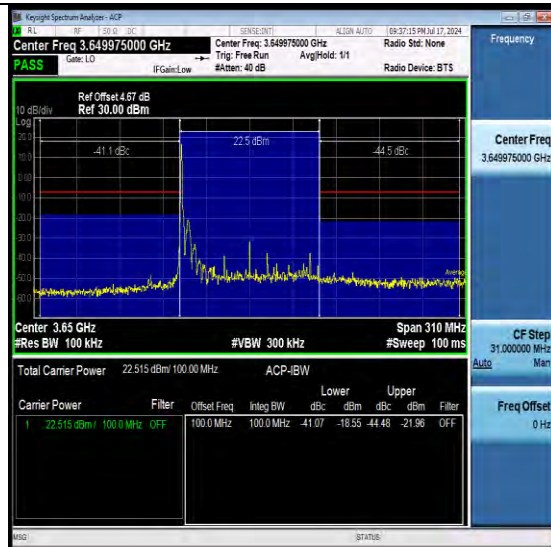


BUREAU VERITAS

Test Report No.: W7L-240618W02RF13



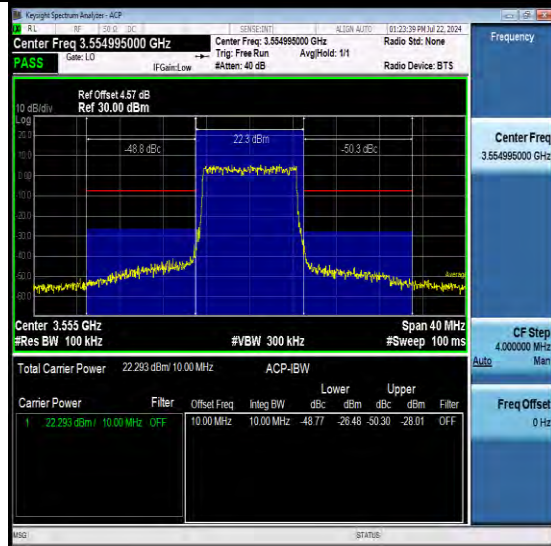
NTNV-N48-PC3-30-100-H-DFT-QPSK-Outer_Full-Ant1-PASS



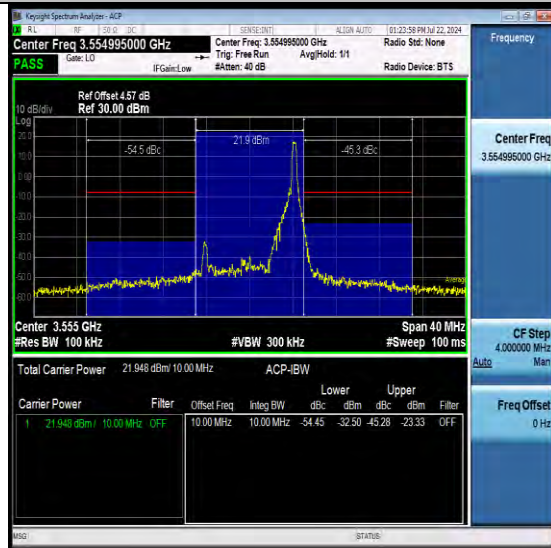
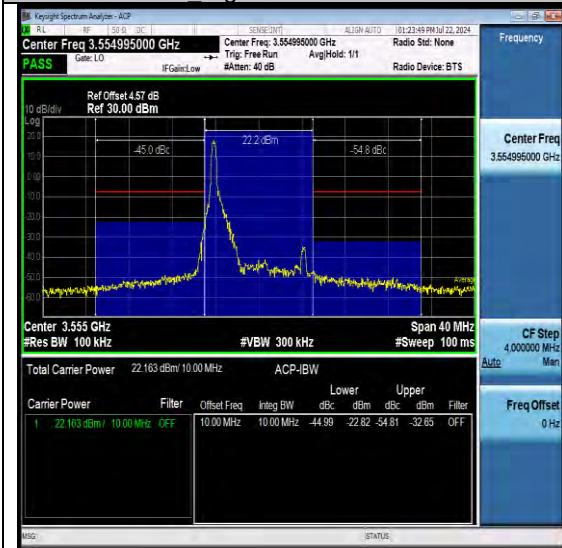
NTNV-N48-PC3-30-100-H-DFT-QPSK-Edge_1RB-Left-Ant1-PASS



NTNV-N48-PC3-30-100-H-DFT-QPSK-Edge_1RB-Right-Ant1-PASS



NTNV-N48-PC3-30-10-L-DFT-QPSK-Outer_Full-Ant1-PASS



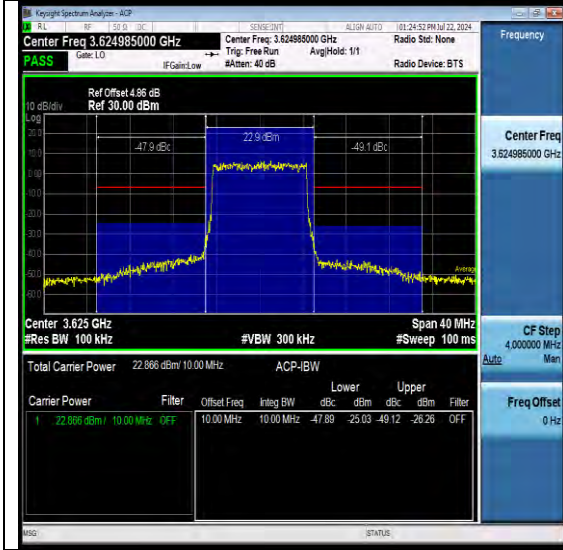
BV 7Layers Communications Technology (Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



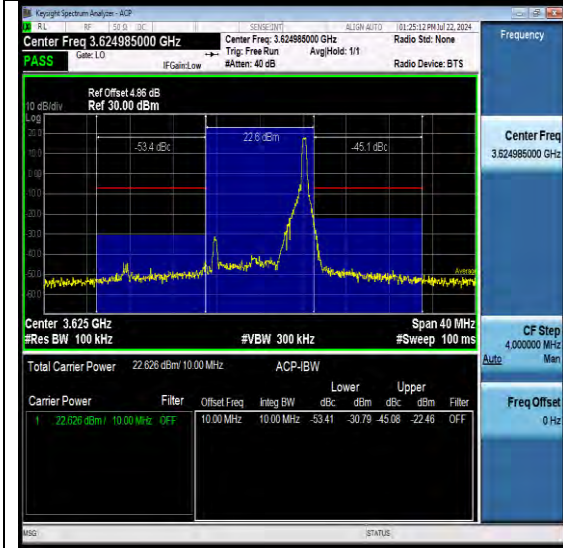
NTNV-N48-PC3-30-10-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



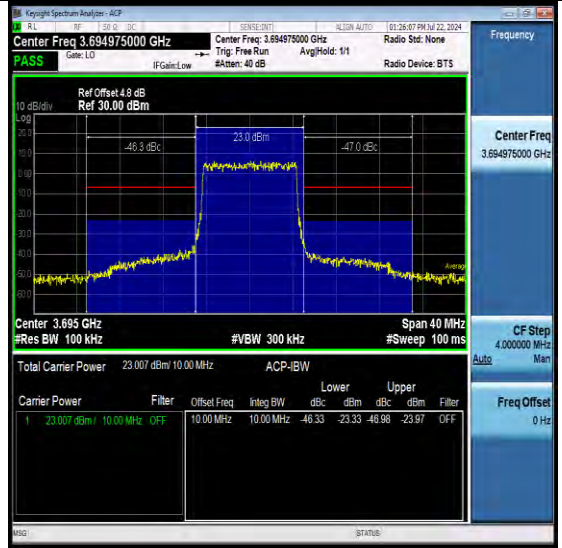
NTNV-N48-PC3-30-10-L-DFT-QPSK-Edge_1RB_Right-Ant1-PASS



NTNV-N48-PC3-30-10-M-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N48-PC3-30-10-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



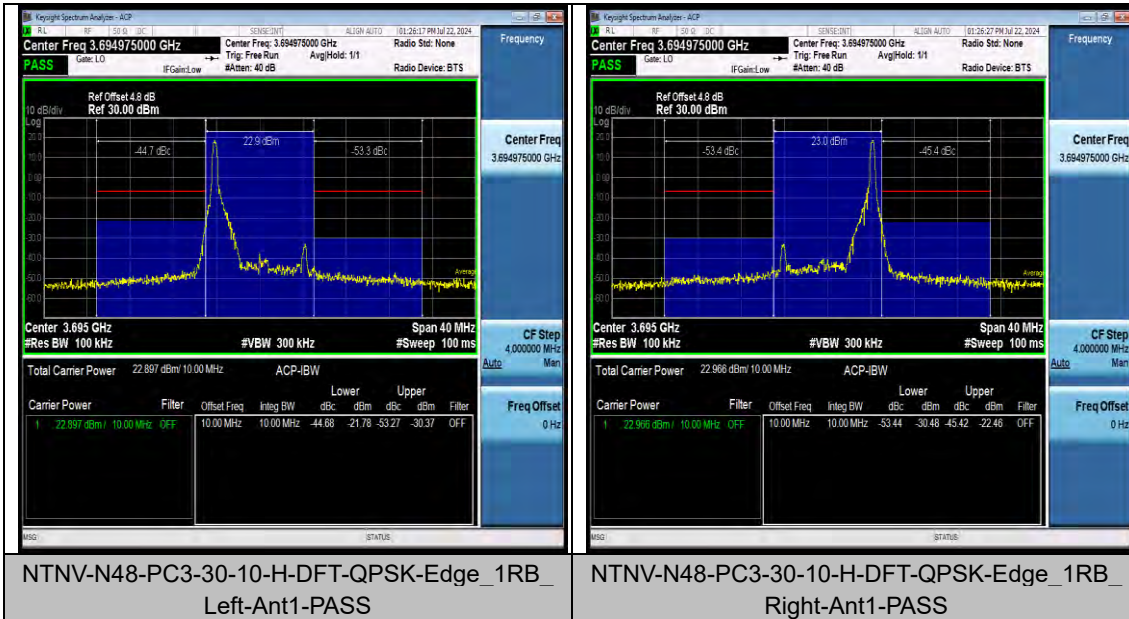
NTNV-N48-PC3-30-10-M-DFT-QPSK-Edge_1RB_Right-Ant1-PASS

NTNV-N48-PC3-30-10-H-DFT-QPSK-Outer_Full-Ant1-PASS



**BUREAU
VERITAS**

Test Report No.: W7L-240618W002RF13



NTNV-N48-PC3-30-10-H-DFT-QPSK-Edge_1RB_
Left-Ant1-PASS

NTNV-N48-PC3-30-10-H-DFT-QPSK-Edge_1RB_
Right-Ant1-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BAND EDGE FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N48	30	30	DFT-QPSK	L	Outer_Full	-45.18	PASS
N48	30	30	DFT-QPSK	L	Edge_1RB_Left	-51.40	PASS
N48	30	30	DFT-QPSK	L	Edge_1RB_Right	-46.40	PASS
N48	30	30	DFT-QPSK	M	Outer_Full	-53.46	PASS
N48	30	30	DFT-QPSK	H	Outer_Full	-41.87	PASS
N48	30	60	DFT-QPSK	L	Outer_Full	-47.32	PASS
N48	30	60	DFT-QPSK	M	Outer_Full	-49.45	PASS
N48	30	60	DFT-QPSK	H	Outer_Full	-43.20	PASS
N48	30	100	DFT-QPSK	L	Outer_Full	-45.10	PASS
N48	30	100	DFT-QPSK	M	Outer_Full	-43.16	PASS
N48	30	100	DFT-QPSK	H	Outer_Full	-42.77	PASS
N48	30	30	DFT-QPSK	M	Edge_1RB_Left	-53.15	PASS
N48	30	30	DFT-QPSK	H	Edge_1RB_Left	-46.32	PASS
N48	30	60	DFT-QPSK	L	Edge_1RB_Left	-51.39	PASS
N48	30	60	DFT-QPSK	M	Edge_1RB_Left	-53.27	PASS
N48	30	60	DFT-QPSK	H	Edge_1RB_Left	-48.24	PASS
N48	30	100	DFT-QPSK	L	Edge_1RB_Left	-44.43	PASS
N48	30	100	DFT-QPSK	M	Edge_1RB_Left	-51.75	PASS
N48	30	100	DFT-QPSK	H	Edge_1RB_Left	-43.90	PASS
N48	30	30	DFT-QPSK	M	Edge_1RB_Right	-53.16	PASS
N48	30	30	DFT-QPSK	H	Edge_1RB_Right	-49.31	PASS
N48	30	60	DFT-QPSK	L	Edge_1RB_Right	-51.42	PASS
N48	30	60	DFT-QPSK	M	Edge_1RB_Right	-53.25	PASS
N48	30	60	DFT-QPSK	H	Edge_1RB_Right	-46.96	PASS
N48	30	100	DFT-QPSK	L	Edge_1RB_Right	-46.66	PASS
N48	30	100	DFT-QPSK	M	Edge_1RB_Right	-45.34	PASS
N48	30	100	DFT-QPSK	H	Edge_1RB_Right	-43.28	PASS
N48	30	10	DFT-QPSK	L	Outer_Full	-54.01	PASS
N48	30	10	DFT-QPSK	L	Edge_1RB_Left	-53.74	PASS
N48	30	10	DFT-QPSK	L	Edge_1RB_Right	-54.24	PASS
N48	30	10	DFT-QPSK	M	Outer_Full	-53.86	PASS
N48	30	10	DFT-QPSK	M	Edge_1RB_Left	-53.34	PASS
N48	30	10	DFT-QPSK	M	Edge_1RB_Right	-53.64	PASS
N48	30	10	DFT-QPSK	H	Outer_Full	-54.33	PASS
N48	30	10	DFT-QPSK	H	Edge_1RB_Left	-53.95	PASS
N48	30	10	DFT-QPSK	H	Edge_1RB_Right	-53.47	PASS



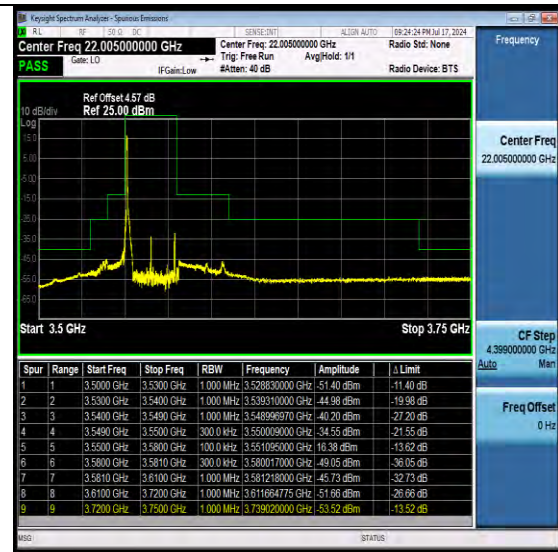
BUREAU VERITAS

Test Report No.: W7L-240618W002RF13

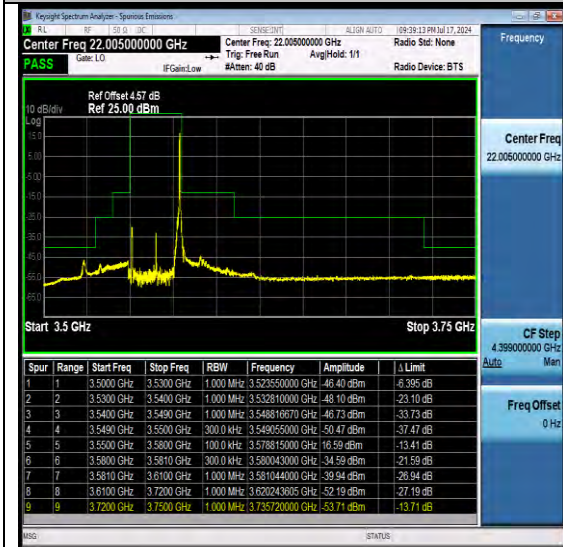
TEST GRAPHS



NTNV-N48-PC3-30-30-L-DFT-QPSK-Outer_Full-A
nt1-PASS



NTNV-N48-PC3-30-30-L-DFT-QPSK-Edge_1RB_
Left-Ant1-PASS



NTNV-N48-PC3-30-30-L-DFT-QPSK-Edge_1RB_
Right-Ant1-PASS



NTNV-N48-PC3-30-30-M-DFT-QPSK-Outer_Full-
Ant1-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

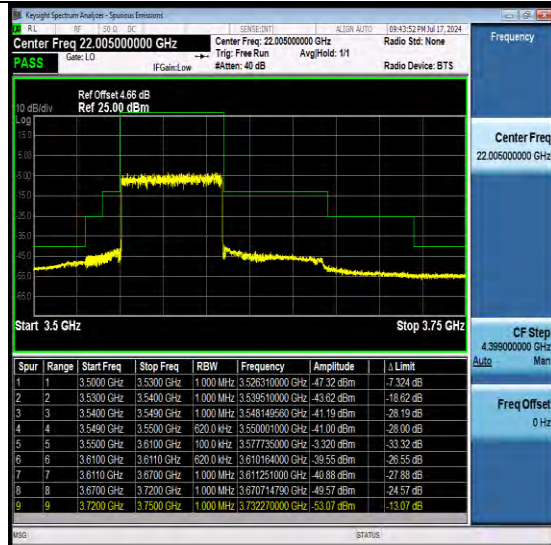


BUREAU VERITAS

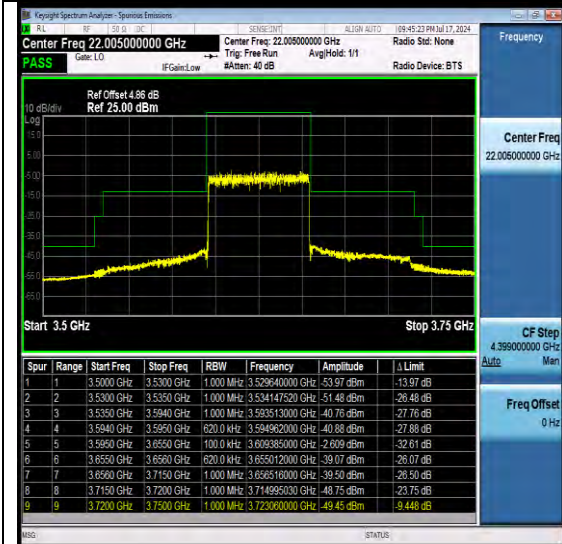
Test Report No.: W7L-240618W02RF13



NTNV-N48-PC3-30-30-H-DFT-QPSK-Outer_Full-A
nt1-PASS



NTNV-N48-PC3-30-60-L-DFT-QPSK-Outer_Full-A
nt1-PASS



NTNV-N48-PC3-30-60-M-DFT-QPSK-Outer_Full-A
Ant1-PASS



NTNV-N48-PC3-30-60-H-DFT-QPSK-Outer_Full-A
nt1-PASS



NTNV-N48-PC3-30-60-M-DFT-QPSK-Outer_Full-A
Ant1-PASS



NTNV-N48-PC3-30-60-H-DFT-QPSK-Outer_Full-A
nt1-PASS

BV 7Layers Communications Technology (Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com



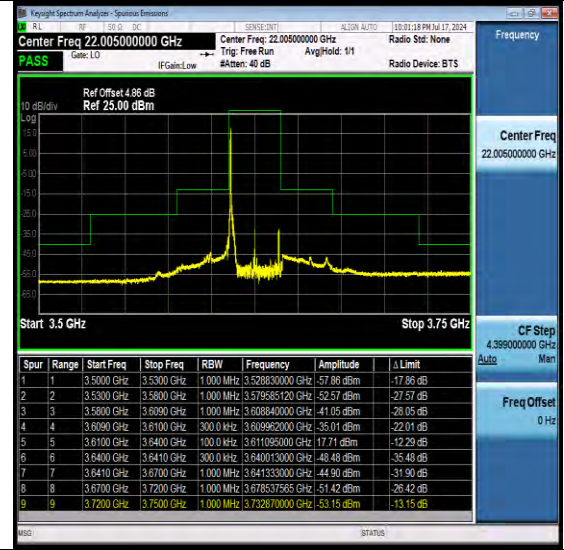
BUREAU VERITAS

Test Report No.: W7L-240618W002RF13

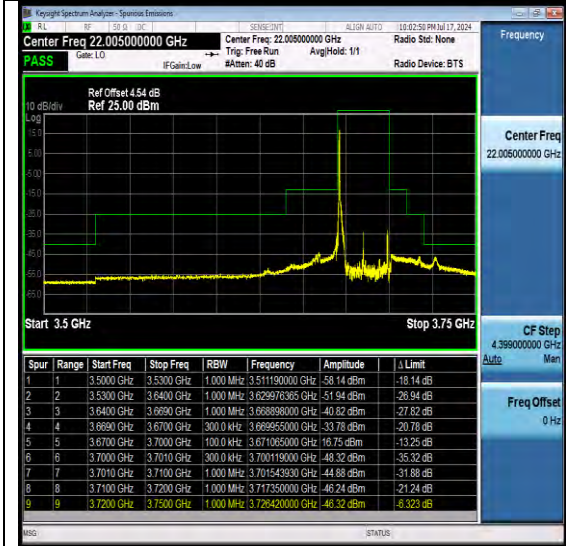
NTNV-N48-PC3-30-100-L-DFT-QPSK-Outer_Full-Ant1-PASS



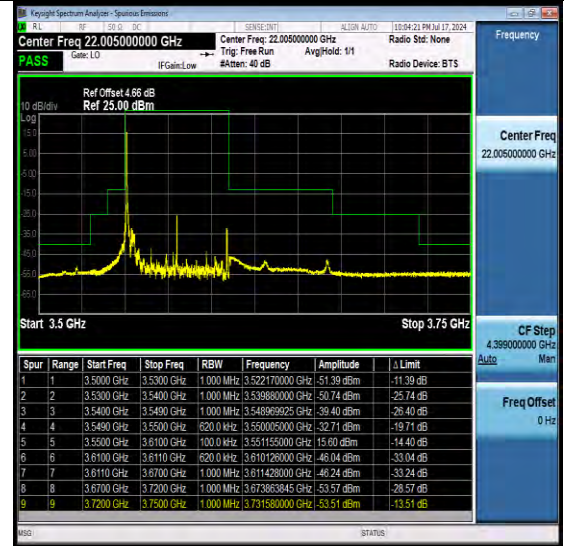
NTNV-N48-PC3-30-100-M-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N48-PC3-30-100-H-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N48-PC3-30-30-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N48-PC3-30-30-H-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

NTNV-N48-PC3-30-60-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS

BV 7Layers Communications Technology (Shenzhen) Co., Ltd

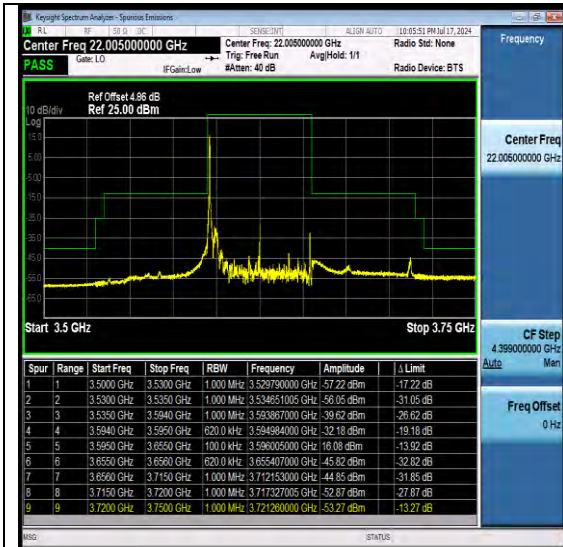
Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

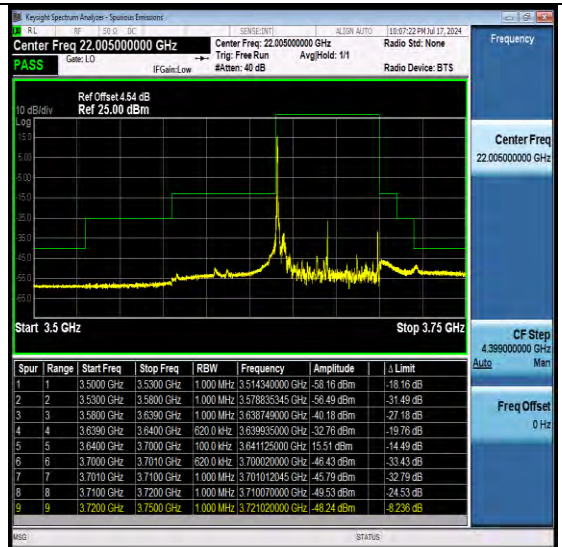


BUREAU VERITAS

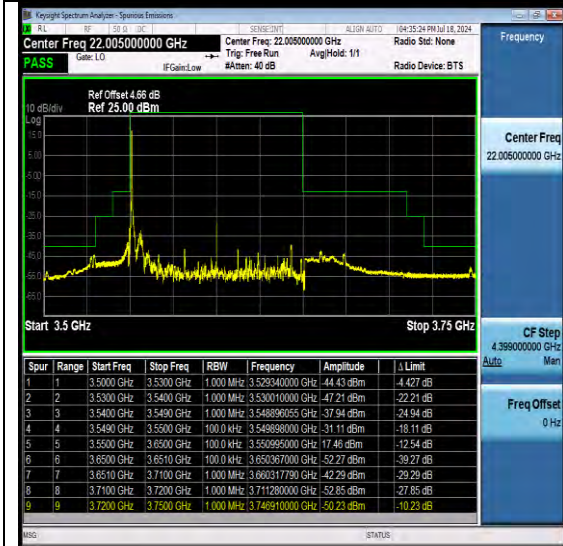
Test Report No.: W7L-240618W02RF13



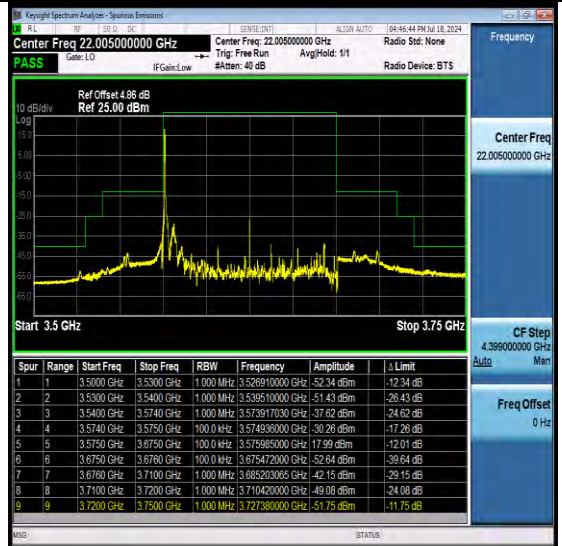
NTNV-N48-PC3-30-60-M-DFT-QPSK-Edge_1RB
Left-Ant1-PASS



NTNV-N48-PC3-30-60-H-DFT-QPSK-Edge_1RB
Left-Ant1-PASS



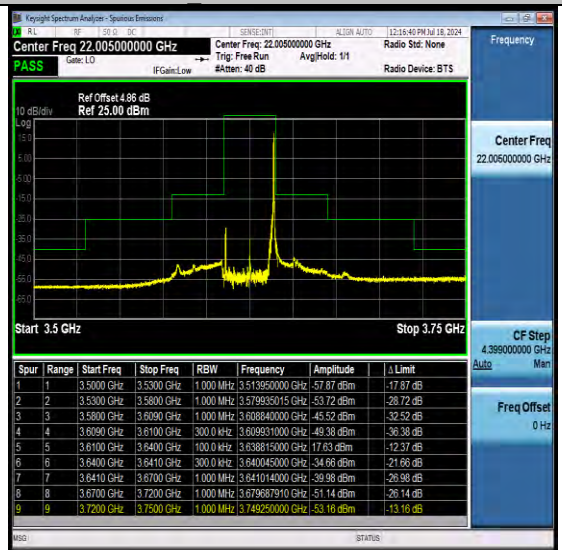
NTNV-N48-PC3-30-100-L-DFT-QPSK-Edge_1RB
Left-Ant1-PASS



NTNV-N48-PC3-30-100-M-DFT-QPSK-Edge_1RB
Left-Ant1-PASS



NTNV-N48-PC3-30-100-L-DFT-QPSK-Edge_1RB
Left-Ant1-PASS



NTNV-N48-PC3-30-100-M-DFT-QPSK-Edge_1RB
Left-Ant1-PASS

BV 7Layers Communications Technology (Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

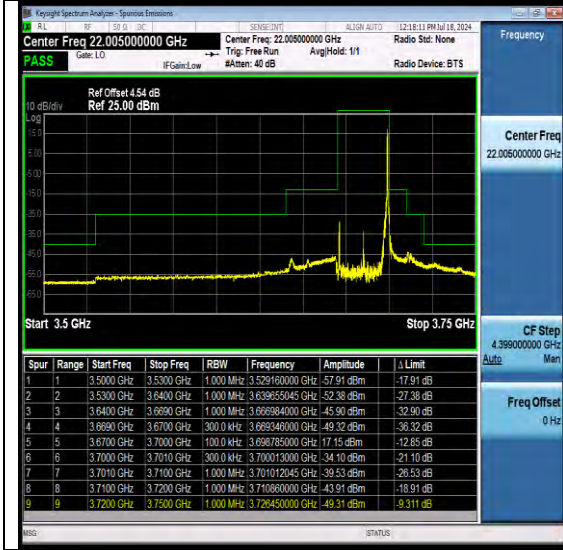
Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



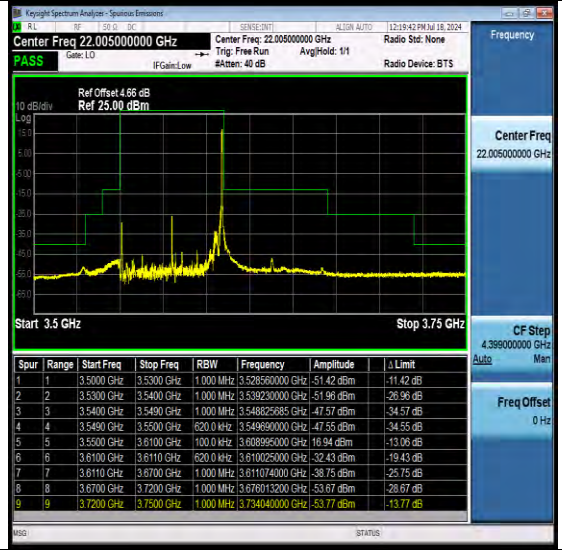
BUREAU VERITAS

Test Report No.: W7L-240618W002RF13

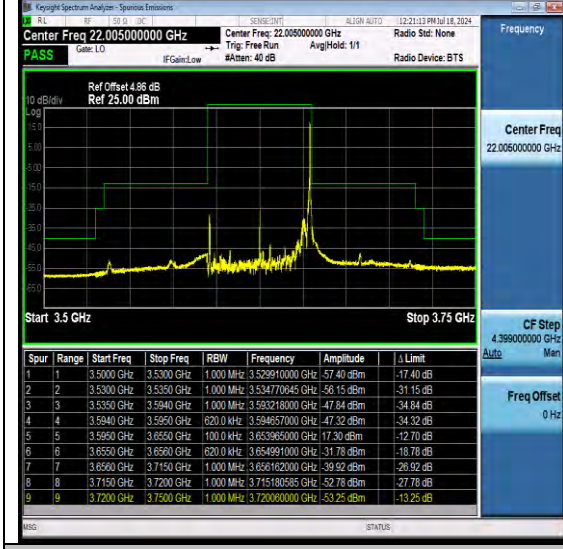
NTNV-N48-PC3-30-100-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS



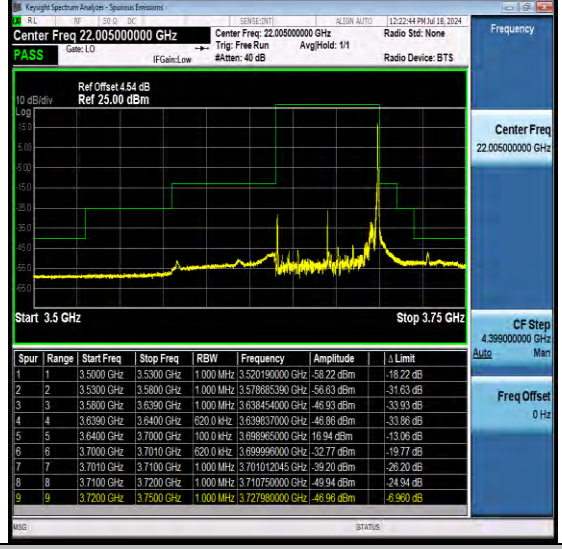
NTNV-N48-PC3-30-30-M-DFT-QPSK-Edge_1RB_ Right-Ant1-PASS



NTNV-N48-PC3-30-30-H-DFT-QPSK-Edge_1RB_ Right-Ant1-PASS



NTNV-N48-PC3-30-60-L-DFT-QPSK-Edge_1RB_ Right-Ant1-PASS



NTNV-N48-PC3-30-60-M-DFT-QPSK-Edge_1RB_ Right-Ant1-PASS

NTNV-N48-PC3-30-60-H-DFT-QPSK-Edge_1RB_ Right-Ant1-PASS

BV 7Layers Communications Technology (Shenzhen) Co., Ltd

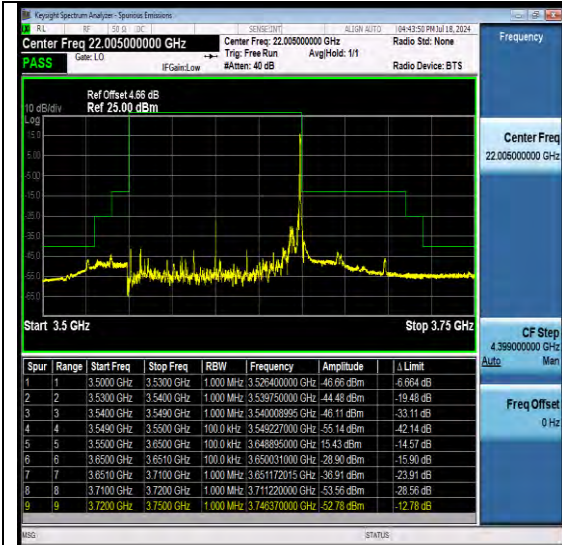
Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566 Fax: +86 755 8869 6577 Email: customerservice.sw@bureauveritas.com

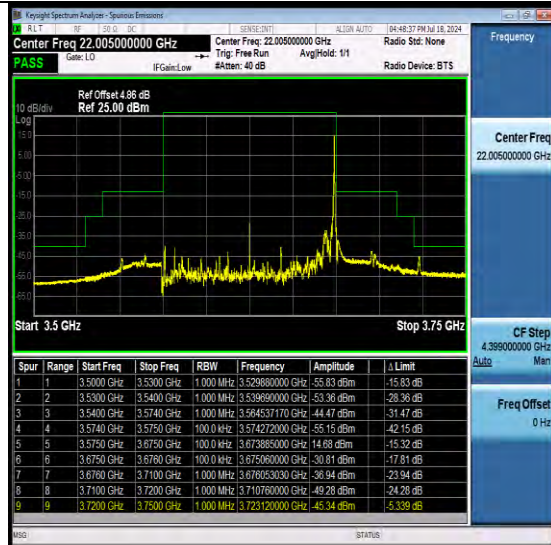


BUREAU VERITAS

Test Report No.: W7L-240618W02RF13



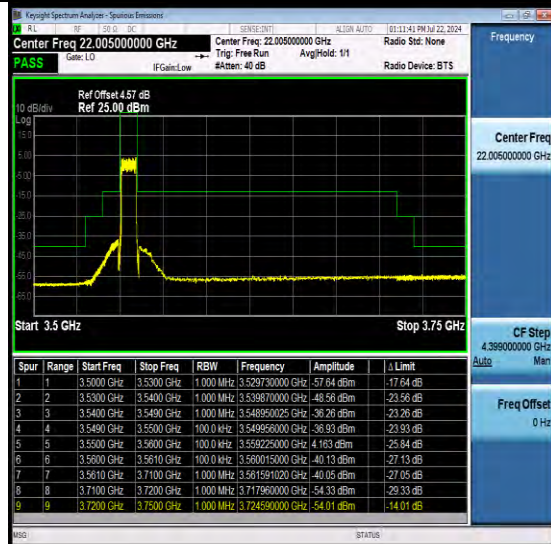
NTNV-N48-PC3-30-100-L-DFT-QPSK-Edge_1RB Right-Ant1-PASS



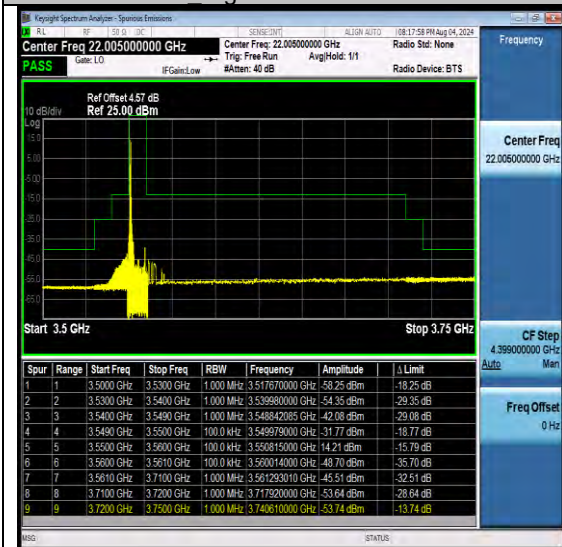
NTNV-N48-PC3-30-100-M-DFT-QPSK-Edge_1RB Right-Ant1-PASS



NTNV-N48-PC3-30-100-H-DFT-QPSK-Edge_1RB Right-Ant1-PASS



NTNV-N48-PC3-30-10-L-DFT-QPSK-Outer_Full-Ant1-PASS



BV 7Layers Communications Technology (Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

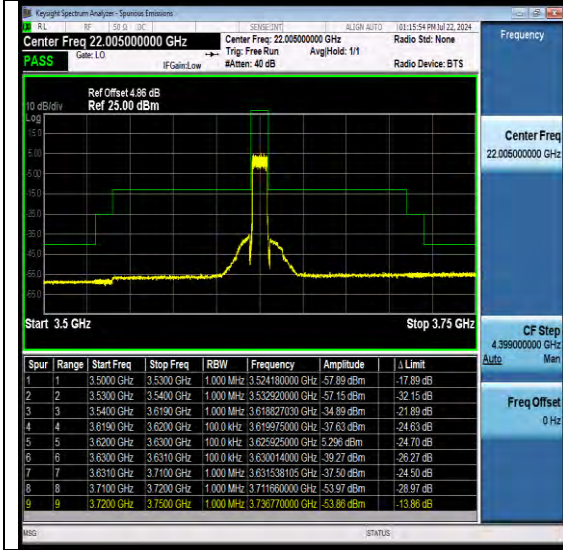
Email: customerservice.sw@bureauveritas.com



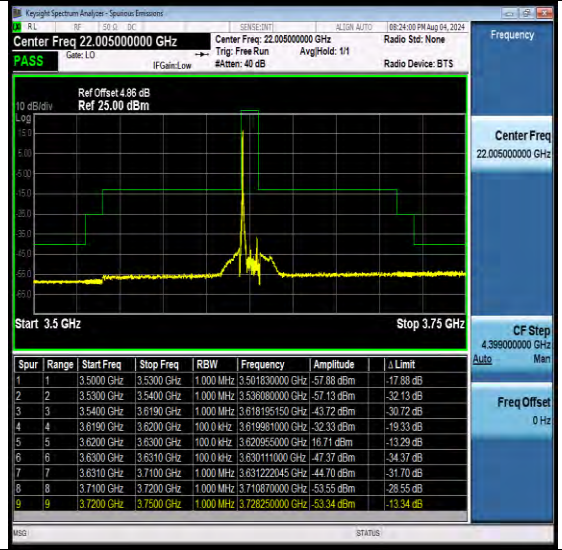
BUREAU VERITAS

Test Report No.: W7L-240618W002RF13

NTNV-N48-PC3-30-10-L-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



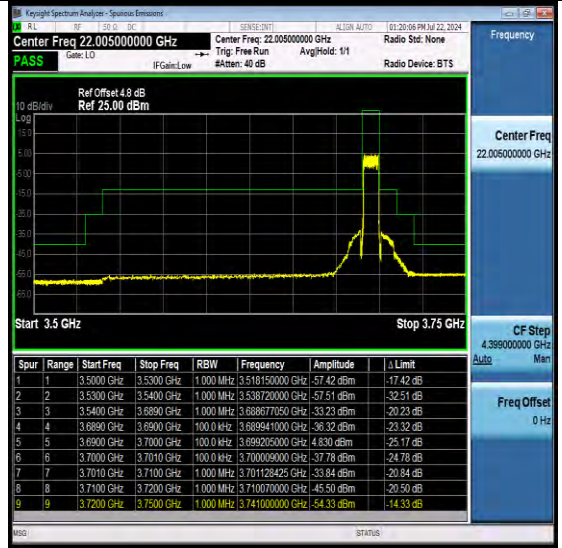
NTNV-N48-PC3-30-10-L-DFT-QPSK-Edge_1RB_Right-Ant1-PASS



NTNV-N48-PC3-30-10-M-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N48-PC3-30-10-M-DFT-QPSK-Edge_1RB_Left-Ant1-PASS



NTNV-N48-PC3-30-10-M-DFT-QPSK-Edge_1RB_Right-Ant1-PASS

NTNV-N48-PC3-30-10-H-DFT-QPSK-Outer_Full-Ant1-PASS

BV 7Layers Communications Technology (Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



**BUREAU
VERITAS**

Test Report No.: W7L-240618W02RF13



NTNV-N48-PC3-30-10-H-DFT-QPSK-Edge_1RB_
Left-Ant1-PASS



NTNV-N48-PC3-30-10-H-DFT-QPSK-Edge_1RB_
Right-Ant1-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



CONDUCTED SPURIOUS EMISSION FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N48	30	30	DFT-QPSK	L	Edge 1RB Left	30	1000	-48.27	-40	PASS
N48	30	30	DFT-QPSK	L	Edge 1RB Left	1000	10000	-48.05	-40	PASS
N48	30	30	DFT-QPSK	L	Edge 1RB Left	10000	20000	-55.96	-40	PASS
N48	30	30	DFT-QPSK	L	Edge 1RB Left	20000	40000	-55.23	-40	PASS
N48	30	30	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.03	-40	PASS
N48	30	30	DFT-QPSK	M	Edge 1RB Left	1000	10000	-48.15	-40	PASS
N48	30	30	DFT-QPSK	M	Edge 1RB Left	10000	20000	-55.78	-40	PASS
N48	30	30	DFT-QPSK	M	Edge 1RB Left	20000	40000	-54.94	-40	PASS
N48	30	30	DFT-QPSK	H	Edge 1RB Left	30	1000	-47.90	-40	PASS
N48	30	30	DFT-QPSK	H	Edge 1RB Left	1000	10000	-47.61	-40	PASS
N48	30	30	DFT-QPSK	H	Edge 1RB Left	10000	20000	-55.83	-40	PASS
N48	30	30	DFT-QPSK	H	Edge 1RB Left	20000	40000	-55.23	-40	PASS
N48	30	60	DFT-QPSK	L	Edge 1RB Left	30	1000	-48.08	-40	PASS
N48	30	60	DFT-QPSK	L	Edge 1RB Left	1000	10000	-47.34	-40	PASS
N48	30	60	DFT-QPSK	L	Edge 1RB Left	10000	20000	-55.70	-40	PASS
N48	30	60	DFT-QPSK	L	Edge 1RB Left	20000	40000	-55.01	-40	PASS
N48	30	60	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.21	-40	PASS
N48	30	60	DFT-QPSK	M	Edge 1RB Left	1000	10000	-48.13	-40	PASS
N48	30	60	DFT-QPSK	M	Edge 1RB Left	10000	20000	-56.03	-40	PASS
N48	30	60	DFT-QPSK	M	Edge 1RB Left	20000	40000	-55.29	-40	PASS
N48	30	60	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.10	-40	PASS
N48	30	60	DFT-QPSK	H	Edge 1RB Left	1000	10000	-48.41	-40	PASS
N48	30	60	DFT-QPSK	H	Edge 1RB Left	10000	20000	-56.09	-40	PASS
N48	30	60	DFT-QPSK	H	Edge 1RB Left	20000	40000	-55.08	-40	PASS
N48	30	100	DFT-QPSK	L	Edge 1RB Left	30	1000	-48.25	-40	PASS
N48	30	100	DFT-QPSK	L	Edge 1RB Left	1000	10000	-46.36	-40	PASS
N48	30	100	DFT-QPSK	L	Edge 1RB Left	10000	20000	-55.95	-40	PASS
N48	30	100	DFT-QPSK	L	Edge 1RB Left	20000	40000	-55.25	-40	PASS
N48	30	100	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.10	-40	PASS
N48	30	100	DFT-QPSK	M	Edge 1RB Left	1000	10000	-48.45	-40	PASS
N48	30	100	DFT-QPSK	M	Edge 1RB Left	10000	20000	-56.12	-40	PASS
N48	30	100	DFT-QPSK	M	Edge 1RB Left	20000	40000	-55.27	-40	PASS
N48	30	100	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.05	-40	PASS
N48	30	100	DFT-QPSK	H	Edge 1RB Left	1000	10000	-48.44	-40	PASS
N48	30	100	DFT-QPSK	H	Edge 1RB Left	10000	20000	-56.27	-40	PASS
N48	30	100	DFT-QPSK	H	Edge 1RB Left	20000	40000	-54.71	-40	PASS
N48	30	10	DFT-QPSK	L	Edge 1RB Left	30	1000	-48.71	-40	PASS
N48	30	10	DFT-QPSK	L	Edge 1RB Left	1000	10000	-49.56	-40	PASS
N48	30	10	DFT-QPSK	L	Edge 1RB Left	10000	20000	-57.27	-40	PASS
N48	30	10	DFT-QPSK	L	Edge 1RB Left	20000	40000	-56.59	-40	PASS
N48	30	10	DFT-QPSK	M	Edge 1RB Left	30	1000	-48.47	-40	PASS
N48	30	10	DFT-QPSK	M	Edge 1RB Left	1000	10000	-48.62	-40	PASS
N48	30	10	DFT-QPSK	M	Edge 1RB Left	10000	20000	-56.79	-40	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-240618W002RF13

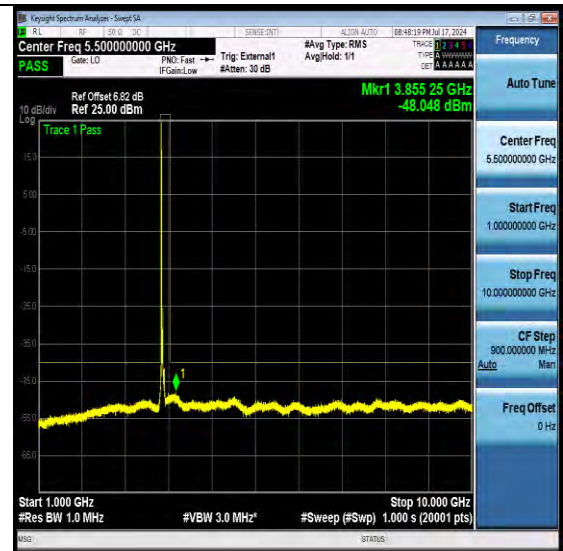
N48	30	10	DFT-QPSK	M	Edge 1RB Left	20000	40000	-56.21	-40	PASS
N48	30	10	DFT-QPSK	H	Edge 1RB Left	30	1000	-48.25	-40	PASS
N48	30	10	DFT-QPSK	H	Edge 1RB Left	1000	10000	-48.22	-40	PASS
N48	30	10	DFT-QPSK	H	Edge 1RB Left	10000	20000	-56.61	-40	PASS
N48	30	10	DFT-QPSK	H	Edge 1RB Left	20000	40000	-55.96	-40	PASS



TEST GRAPHS



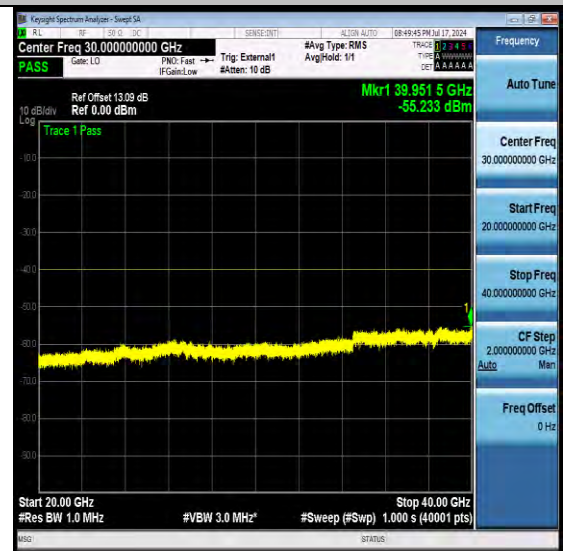
NTNV-N48-PC3-30-30-L-DFT-QPSK-Edge_1RB_
Left-Ant1-PASS



NTNV-N48-PC3-30-30-L-DFT-QPSK-Edge_1RB_
Left-Ant1-PASS



NTNV-N48-PC3-30-30-L-DFT-QPSK-Edge_1RB_
Left-Ant1-PASS



NTNV-N48-PC3-30-30-L-DFT-QPSK-Edge_1RB_
Left-Ant1-PASS

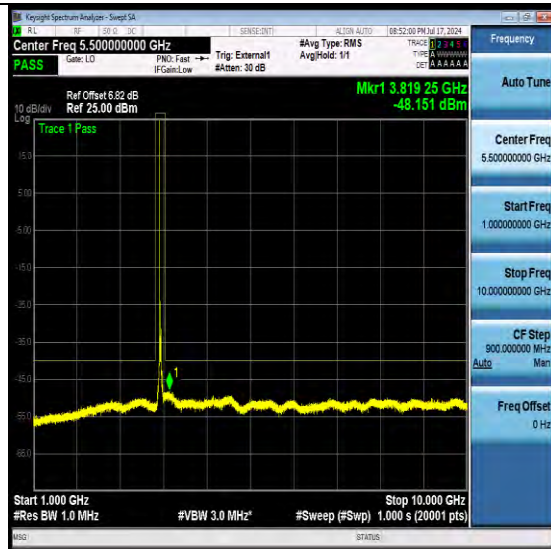


BUREAU VERITAS

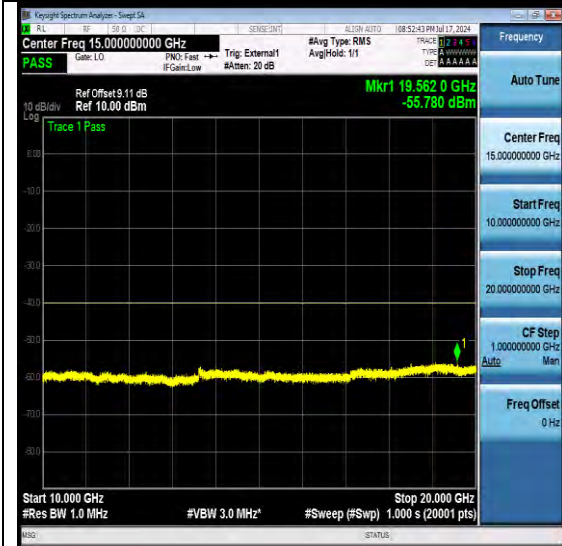
Test Report No.: W7L-240618W02RF13



NTNV-N48-PC3-30-30-M-DFT-QPSK-Edge_1RB
Left-Ant1-PASS



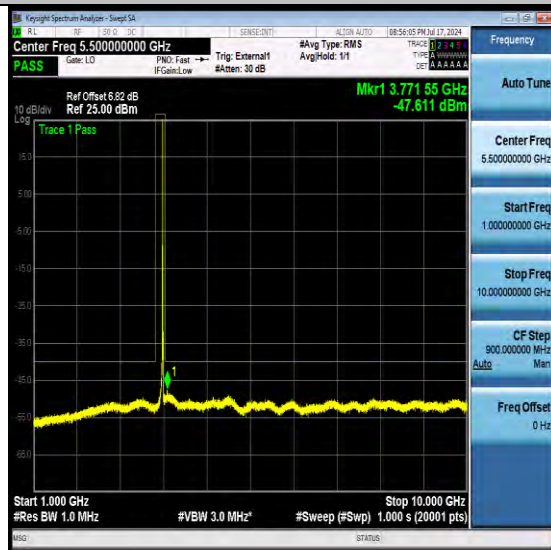
NTNV-N48-PC3-30-30-M-DFT-QPSK-Edge_1RB
Left-Ant1-PASS



NTNV-N48-PC3-30-30-M-DFT-QPSK-Edge_1RB
Left-Ant1-PASS



NTNV-N48-PC3-30-30-M-DFT-QPSK-Edge_1RB
Left-Ant1-PASS



BV 7Layers Communications Technology (Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

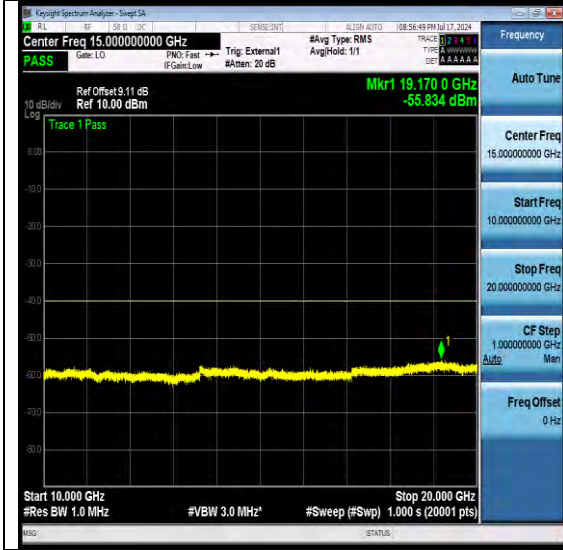
Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



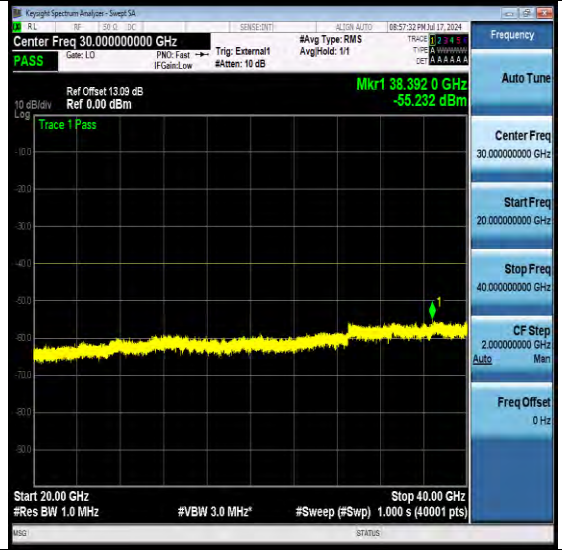
BUREAU VERITAS

Test Report No.: W7L-240618W002RF13

NTNV-N48-PC3-30-30-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS



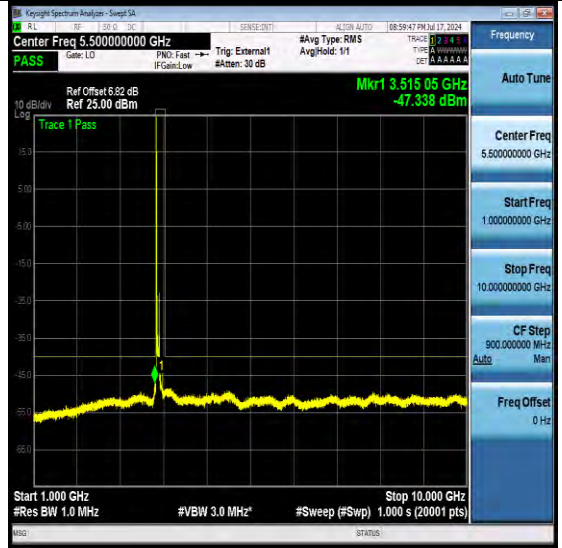
NTNV-N48-PC3-30-30-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS



NTNV-N48-PC3-30-30-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS



NTNV-N48-PC3-30-30-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS



NTNV-N48-PC3-30-60-L-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

NTNV-N48-PC3-30-60-L-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS

BV 7Layers Communications Technology (Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566
 Fax: +86 755 8869 6577
 Email: customerservice.sw@bureauveritas.com



BUREAU VERITAS

Test Report No.: W7L-240618W02RF13



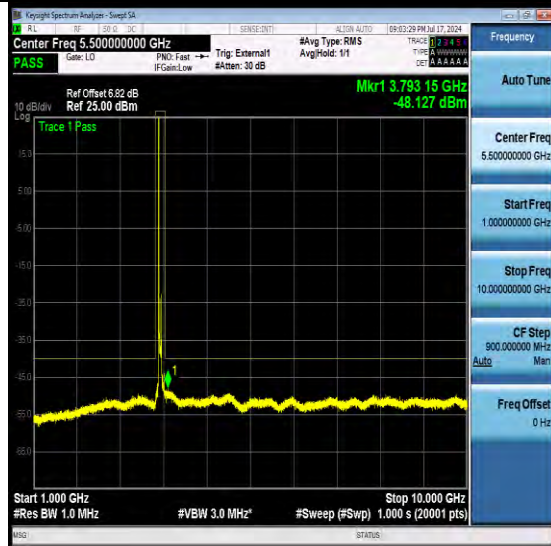
NTNV-N48-PC3-30-60-L-DFT-QPSK-Edge_1RB_L-Left-Ant1-PASS



NTNV-N48-PC3-30-60-L-DFT-QPSK-Edge_1RB_L-Left-Ant1-PASS



NTNV-N48-PC3-30-60-M-DFT-QPSK-Edge_1RB_L-Left-Ant1-PASS



NTNV-N48-PC3-30-60-M-DFT-QPSK-Edge_1RB_L-Left-Ant1-PASS



BV 7Layers Communications Technology (Shenzhen) Co., Ltd

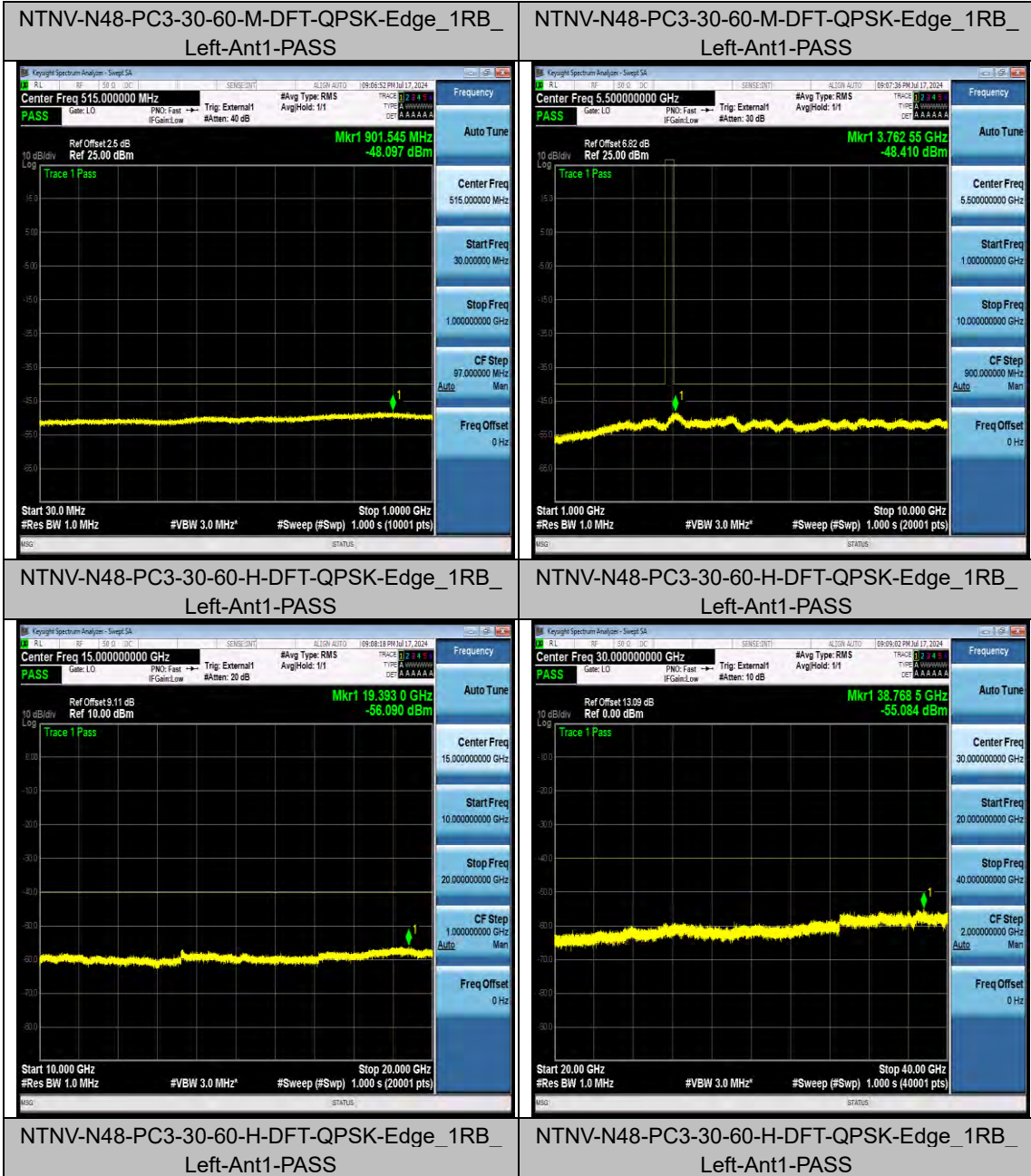
Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566
 Fax: +86 755 8869 6577
 Email: customerservice.sw@bureauveritas.com



BUREAU VERITAS

Test Report No.: W7L-240618W002RF13



BV 7Layers Communications Technology (Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

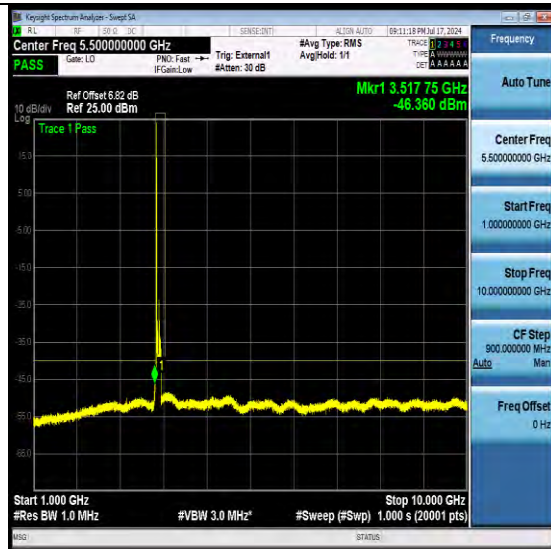


BUREAU VERITAS

Test Report No.: W7L-240618W02RF13



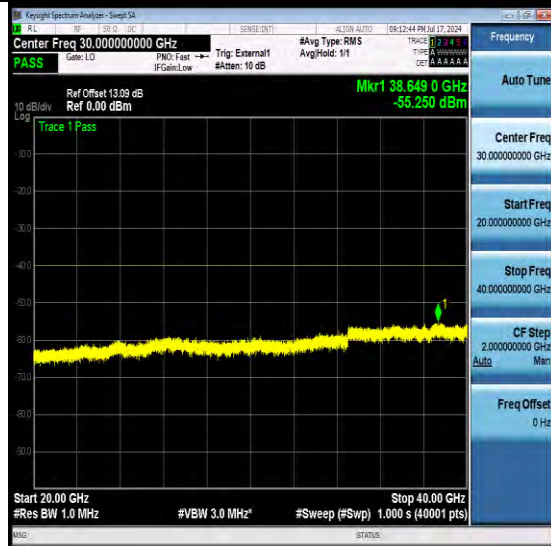
NTNV-N48-PC3-30-100-L-DFT-QPSK-Edge_1RB
Left-Ant1-PASS



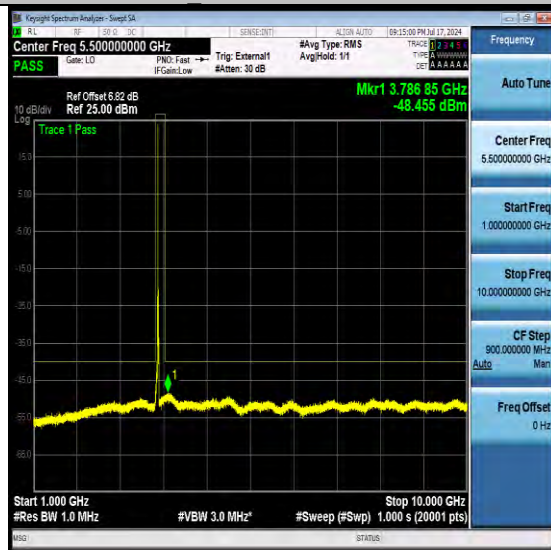
NTNV-N48-PC3-30-100-L-DFT-QPSK-Edge_1RB
Left-Ant1-PASS



NTNV-N48-PC3-30-100-L-DFT-QPSK-Edge_1RB
Left-Ant1-PASS



NTNV-N48-PC3-30-100-L-DFT-QPSK-Edge_1RB
Left-Ant1-PASS



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

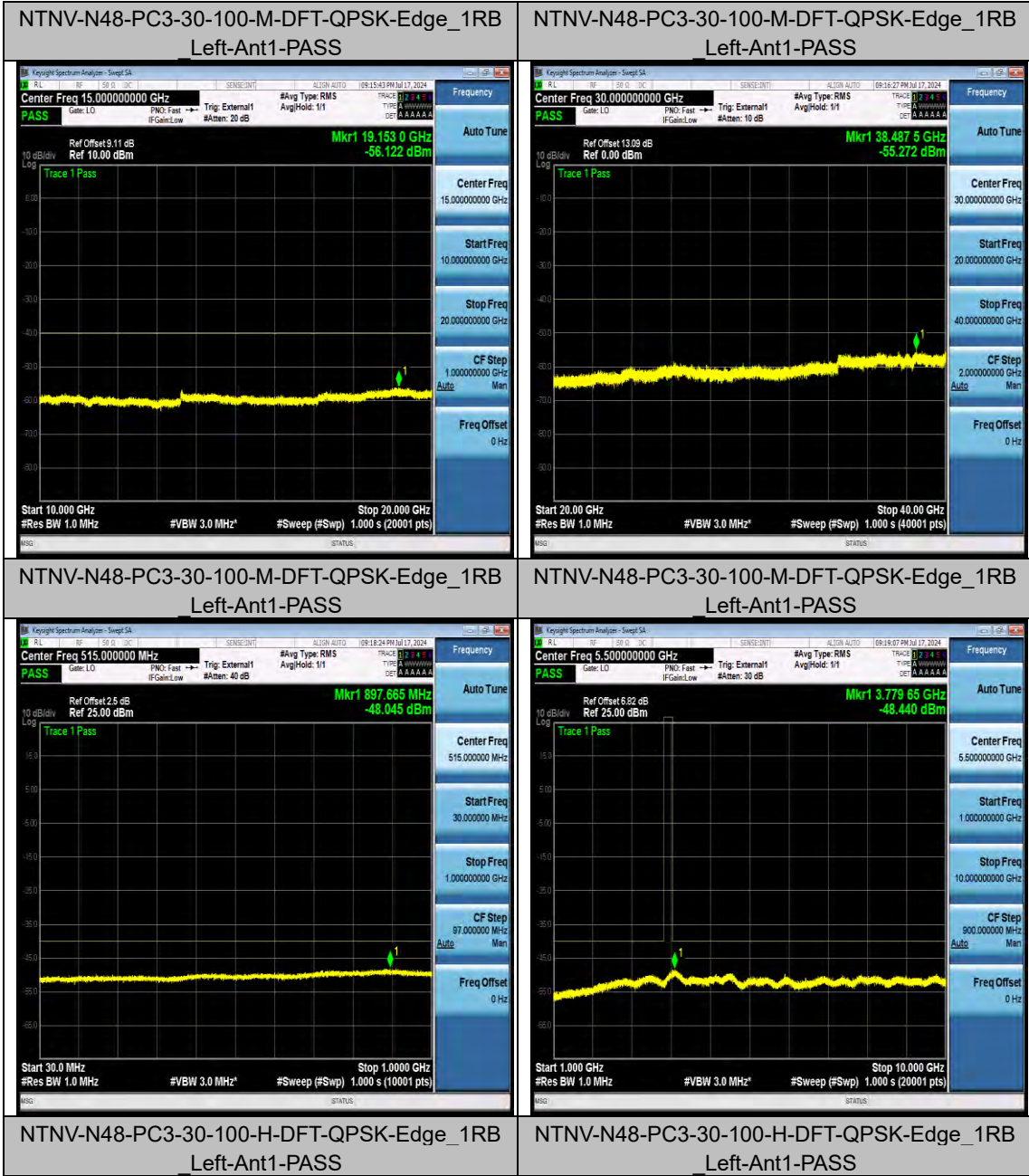
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU VERITAS

Test Report No.: W7L-240618W002RF13



BV 7Layers Communications Technology (Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

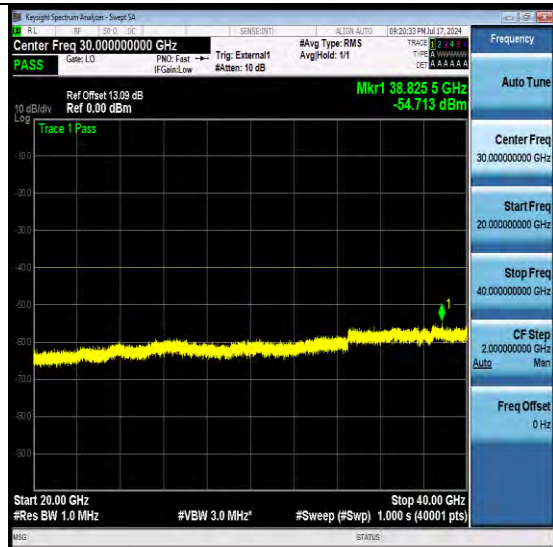


BUREAU VERITAS

Test Report No.: W7L-240618W02RF13



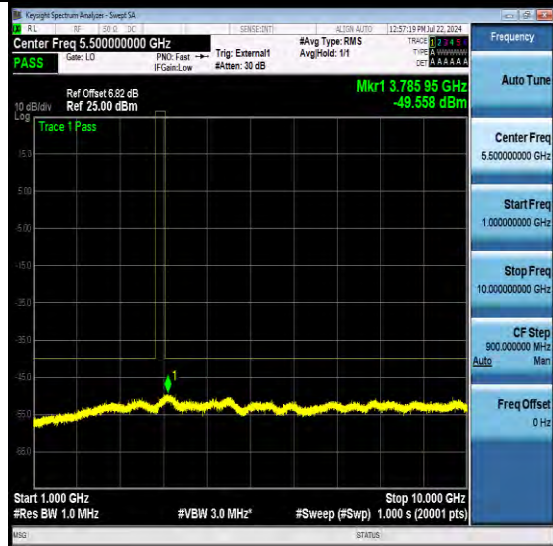
NTNV-N48-PC3-30-100-H-DFT-QPSK-Edge_1RB Left-Ant1-PASS



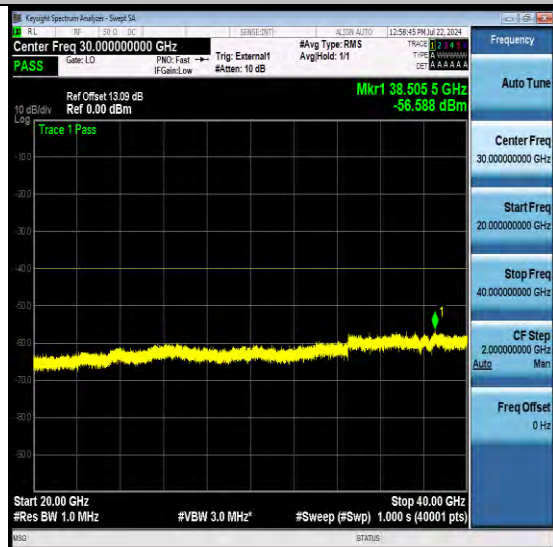
NTNV-N48-PC3-30-100-H-DFT-QPSK-Edge_1RB Left-Ant1-PASS



NTNV-N48-PC3-30-10-L-DFT-QPSK-Edge_1RB Left-Ant1-PASS



NTNV-N48-PC3-30-10-L-DFT-QPSK-Edge_1RB Left-Ant1-PASS



BV 7Layers Communications Technology (Shenzhen) Co., Ltd

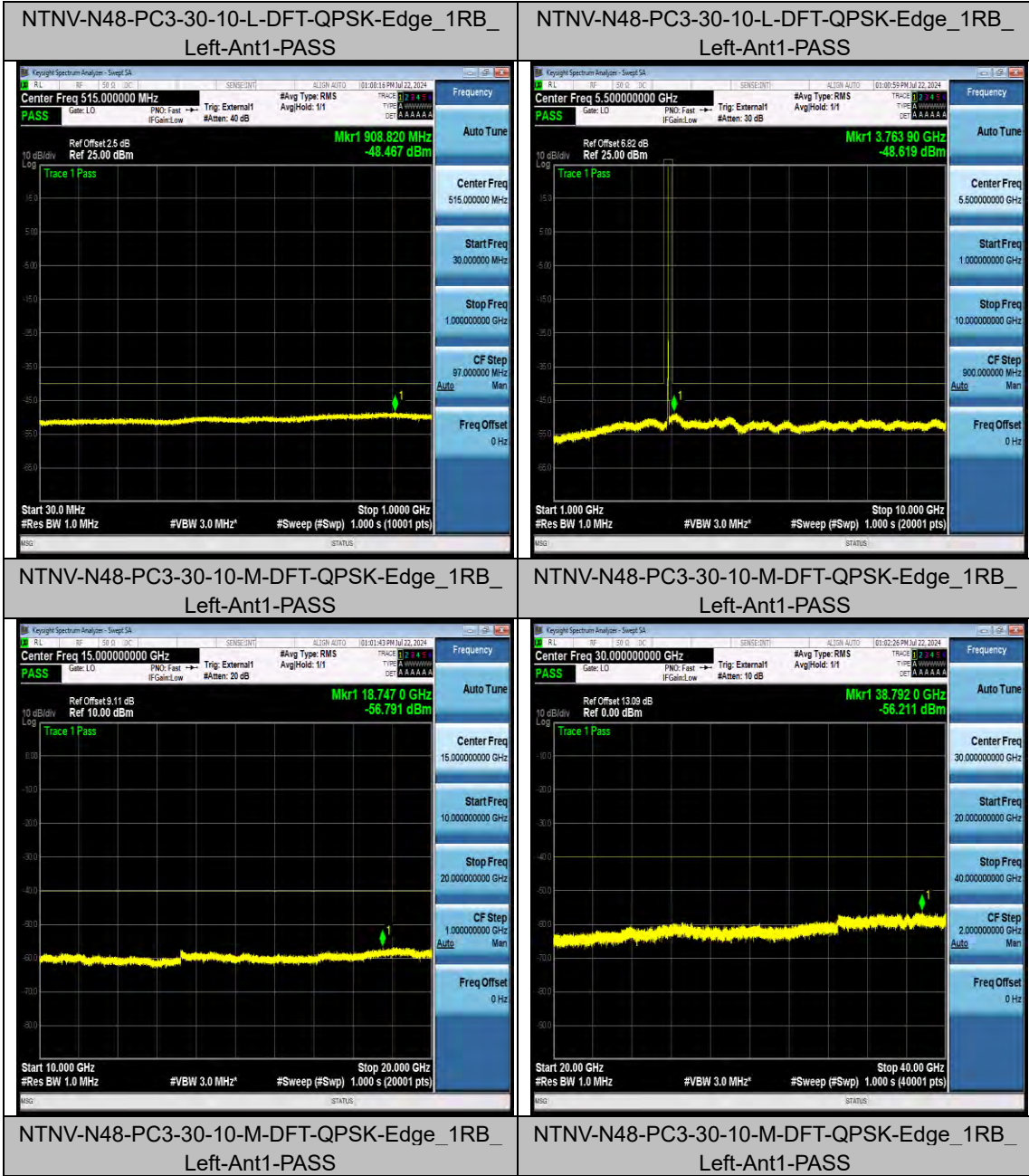
Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566
 Fax: +86 755 8869 6577
 Email: customerservice.sw@bureauveritas.com



BUREAU VERITAS

Test Report No.: W7L-240618W002RF13



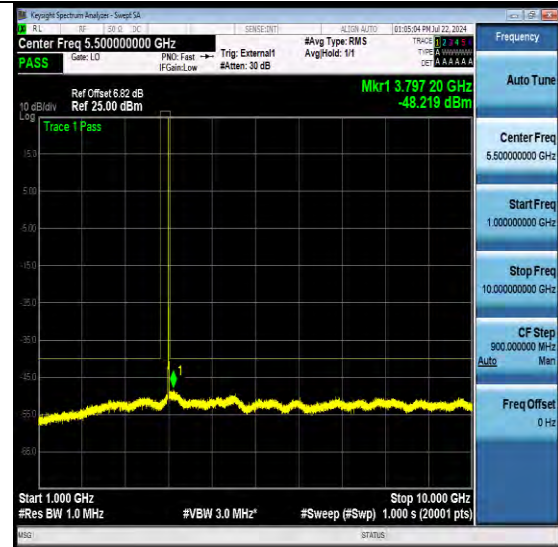
BV 7Layers Communications Technology (Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



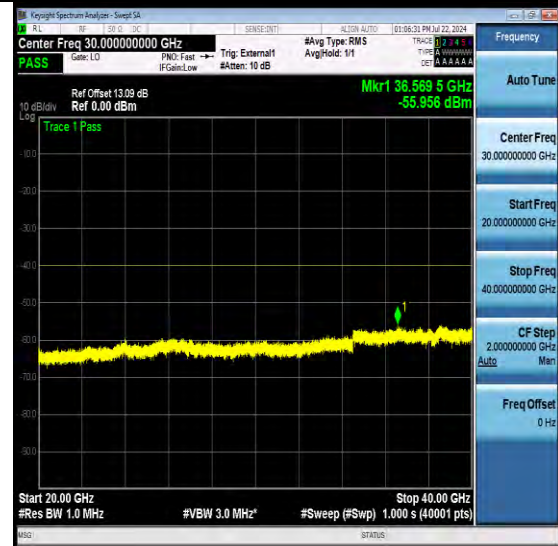
NTNV-N48-PC3-30-10-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS



NTNV-N48-PC3-30-10-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS



NTNV-N48-PC3-30-10-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS



NTNV-N48-PC3-30-10-H-DFT-QPSK-Edge_1RB_ Left-Ant1-PASS



FREQUENCY STABILITY FOR SA TEST RESULT

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N48	30	100	DFT-QPSK	L	Outer Full	VL	NT	2.000000	0.000556	PASS
N48	30	100	DFT-QPSK	L	Outer Full	VN	NT	16.000000	0.004444	PASS
N48	30	100	DFT-QPSK	L	Outer Full	VH	NT	18.000000	0.005000	PASS
N48	30	100	DFT-QPSK	L	Outer Full	NV	-30	18.000000	0.005000	PASS
N48	30	100	DFT-QPSK	L	Outer Full	NV	-20	4.000000	0.001111	PASS
N48	30	100	DFT-QPSK	L	Outer Full	NV	-10	8.000000	0.002222	PASS
N48	30	100	DFT-QPSK	L	Outer Full	NV	0	10.000000	0.002778	PASS
N48	30	100	DFT-QPSK	L	Outer Full	NV	10	19.000000	0.005278	PASS
N48	30	100	DFT-QPSK	L	Outer Full	NV	20	16.000000	0.004444	PASS
N48	30	100	DFT-QPSK	L	Outer Full	NV	30	17.000000	0.004722	PASS
N48	30	100	DFT-QPSK	L	Outer Full	NV	40	10.000000	0.002778	PASS
N48	30	100	DFT-QPSK	L	Outer Full	NV	50	8.000000	0.002222	PASS
N48	30	100	DFT-QPSK	M	Outer Full	VL	NT	16.000000	0.004414	PASS
N48	30	100	DFT-QPSK	M	Outer Full	VN	NT	7.000000	0.001931	PASS
N48	30	100	DFT-QPSK	M	Outer Full	VH	NT	19.000000	0.005241	PASS
N48	30	100	DFT-QPSK	M	Outer Full	NV	-30	9.000000	0.002483	PASS
N48	30	100	DFT-QPSK	M	Outer Full	NV	-20	14.000000	0.003862	PASS
N48	30	100	DFT-QPSK	M	Outer Full	NV	-10	18.000000	0.004966	PASS
N48	30	100	DFT-QPSK	M	Outer Full	NV	0	1.000000	0.000276	PASS
N48	30	100	DFT-QPSK	M	Outer Full	NV	10	18.000000	0.004966	PASS
N48	30	100	DFT-QPSK	M	Outer Full	NV	20	18.000000	0.004966	PASS
N48	30	100	DFT-QPSK	M	Outer Full	NV	30	4.000000	0.001103	PASS
N48	30	100	DFT-QPSK	M	Outer Full	NV	40	6.000000	0.001655	PASS
N48	30	100	DFT-QPSK	M	Outer Full	NV	50	11.000000	0.003034	PASS
N48	30	100	DFT-QPSK	H	Outer Full	VL	NT	18.000000	0.004932	PASS
N48	30	100	DFT-QPSK	H	Outer Full	VN	NT	4.000000	0.001096	PASS
N48	30	100	DFT-QPSK	H	Outer Full	VH	NT	6.000000	0.001644	PASS
N48	30	100	DFT-QPSK	H	Outer Full	NV	-30	16.000000	0.004384	PASS
N48	30	100	DFT-QPSK	H	Outer Full	NV	-20	18.000000	0.004932	PASS
N48	30	100	DFT-QPSK	H	Outer Full	NV	-10	11.000000	0.003014	PASS
N48	30	100	DFT-QPSK	H	Outer Full	NV	0	9.000000	0.002466	PASS
N48	30	100	DFT-QPSK	H	Outer Full	NV	10	2.000000	0.000548	PASS
N48	30	100	DFT-QPSK	H	Outer Full	NV	20	15.000000	0.004110	PASS
N48	30	100	DFT-QPSK	H	Outer Full	NV	30	7.000000	0.001918	PASS
N48	30	100	DFT-QPSK	H	Outer Full	NV	40	12.000000	0.003288	PASS
N48	30	100	DFT-QPSK	H	Outer Full	NV	50	2.000000	0.000548	PASS

--END--