

QPSK	FULL	0	28.125	28.157	28.075	1	Pass
16QAM	FULL	0	28.104	28.069	28.127	1	Pass
64QAM	FULL	0	28.074	28.105	28.129	1	Pass
		Band:	7C / Bandwidth:	20MHz+15MH	z / NTNV		
Modulation.	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH	(MHz)	VOIGIOU
QPSK	FULL	0	32.782	32.941	32.811	1	Pass
16QAM	FULL	0	32.806	32.974	32.842	1	Pass
64QAM	FULL	0	32.818	32.967	32.793	1	Pass
		Band:	7C / Bandwidth:	20MHz+20MH	z / NTNV		
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH	(MHz)	VOIGIOU
QPSK	FULL	0	37.700	37.629	37.697	1	Pass
16QAM	FULL	0	37.696	37.567	37.702	1	Pass
64QAM	FULL	0	37.720	37.545	37.650	1	Pass

# LTE Band7C\_26DB Test Result

rest Result							
		Band: 7	C / Bandwidth:	10MHz+20MH	lz / NTNV		
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH	(MHz)	VOIGIOU
QPSK	FULL	0	30.06	29.94	30.02	1	Pass
16QAM	FULL	0	30.05	29.95	30.03	1	Pass
64QAM	FULL	0	29.99	29.97	30.02	/	Pass
		Band: 7	C / Bandwidth:	15MHz+10MH	lz / NTNV		
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH	(MHz)	Voraiot
QPSK	FULL	0	25.53	25.55	25.53	1	Pass
16QAM	FULL	0	25.64	25.54	25.52	1	Pass
64QAM	FULL	0	25.58	25.55	25.48	1	Pass
		Band: 7	C / Bandwidth:	15MHz+15MH	lz / NTNV		
Modulation	RB All	ocation	on 26dB Bandwidth (MHz)			Limit	Verdict

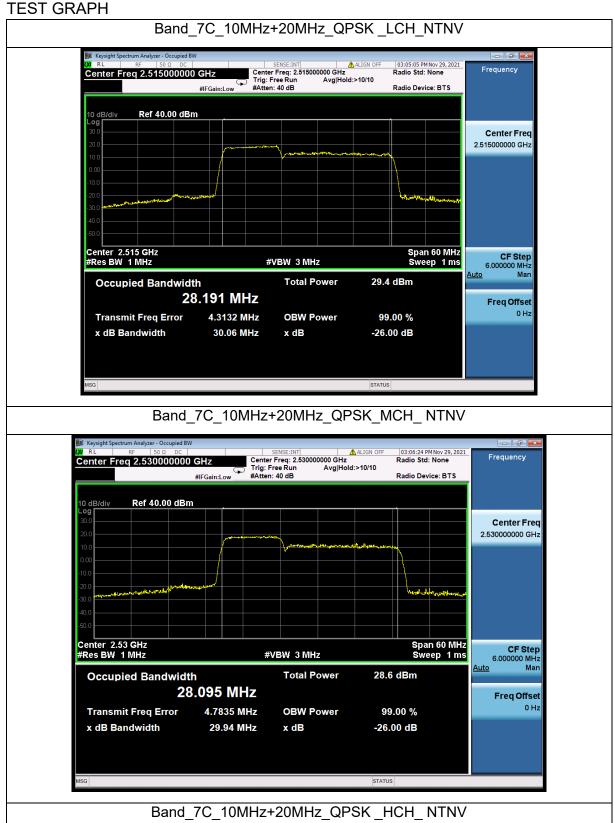
Tel: +86 755 8869 6566 Fax: +86 755 8869 6577



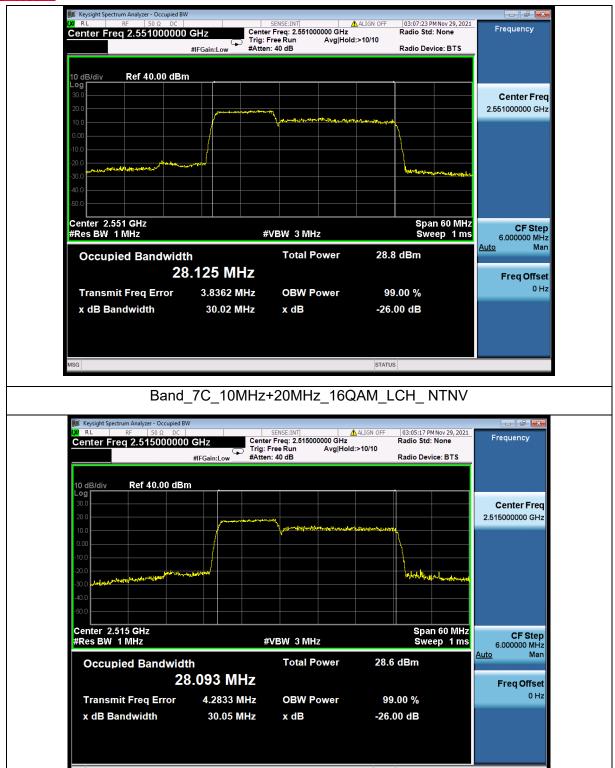
VERITAS							
	Size	Offset	LCH	MCH	HCH	(MHz)	
QPSK	FULL	0	30.67	30.70	30.76	/	Pass
16QAM	FULL	0	30.59	30.65	30.69	/	Pass
64QAM	FULL	0	30.58	30.71	30.70	/	Pass
		Band: 7	C / Bandwidth:	15MHz+20MH	lz / NTNV		
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
iviodulation	Size	Offset	LCH	MCH	HCH	(MHz)	verdict
QPSK	FULL	0	35.00	34.99	35.03	/	Pass
16QAM	FULL	0	34.95	35.04	35.03	/	Pass
64QAM	FULL	0	34.91	35.07	34.93	1	Pass
		Band: 7	C / Bandwidth:	20MHz+10MH	lz / NTNV		
Modulation		ocation	26dl	B Bandwidth (N	MHz)	Limit	Verdict
Modulation	Size	Offset	LCH	MCH	HCH	(MHz)	
QPSK	FULL	0	30.16	30.22	30.21	/	Pass
16QAM	FULL	0	30.15	30.04	30.16	/	Pass
64QAM	FULL	0	30.13	30.08	30.19	1	Pass
		Band: 7	C / Bandwidth:	20MHz+15MH	lz / NTNV		
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
iviodulation	Size	Offset	LCH	MCH	HCH	(MHz)	VOIGIOU
QPSK	FULL	0	34.98	35.14	34.94	/	Pass
16QAM	FULL	0	35.00	34.99	35.01	/	Pass
64QAM	FULL	0	34.93	35.03	35.03	/	Pass
		Band: 7	C / Bandwidth:	20MHz+20MH	łz / NTNV		
Modulation	RB All	ocation	26dB Bandwidth (MHz)			Limit	Vordict
	Size	Offset	LCH	MCH	HCH	(MHz)	Verdict
QPSK	FULL	0	39.95	39.76	39.86	1	Pass
16QAM	FULL	0	39.94	39.75	39.96	1	Pass
64QAM	FULL	0	40.04	39.76	40.00	/	Pass

Tel: +86 755 8869 6566 Fax: +86 755 8869 6577









Tel: +86 755 8869 6566 Fax: +86 755 8869 6577





Band\_7C\_10MHz+20MHz\_16QAM\_ HCH \_NTNV



Band\_7C\_10MHz+20MHz\_64QAM\_LCH\_NTNV

Tel: +86 755 8869 6566 Fax: +86 755 8869 6577



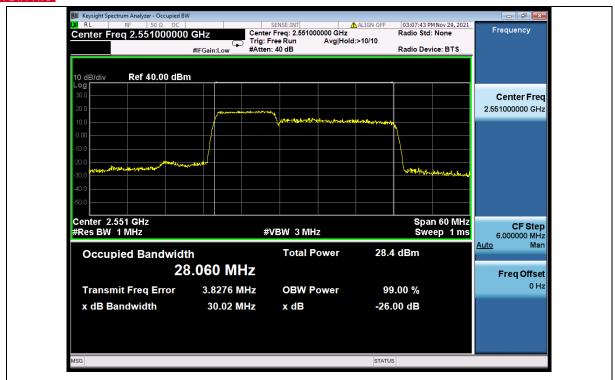


Band\_7C\_10MHz+20MHz\_64QAM\_MCH\_NTNV

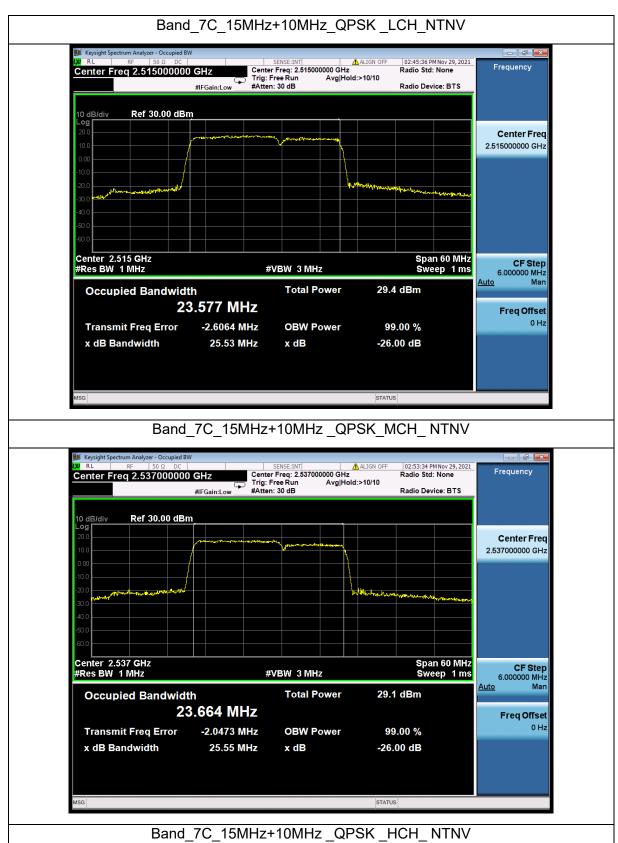


Band\_7C\_10MHz+20MHz\_64QAM\_HCH\_NTNV











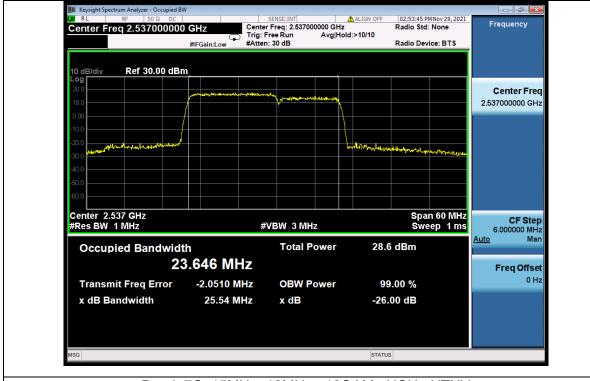


Band\_7C\_15MHz+10MHz\_16QAM\_LCH\_ NTNV



Band\_7C\_15MHz+10MHz \_16QAM\_MCH\_NTNV



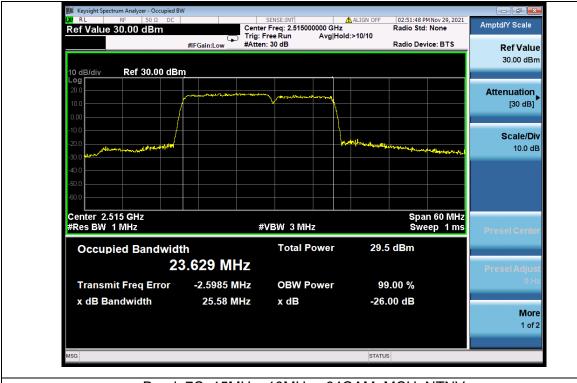


Band 7C 15MHz+10MHz 16QAM HCH NTNV



Band\_7C\_15MHz+10MHz\_64QAM\_LCH\_NTNV





Band\_7C\_15MHz+10MHz\_64QAM\_MCH\_NTNV

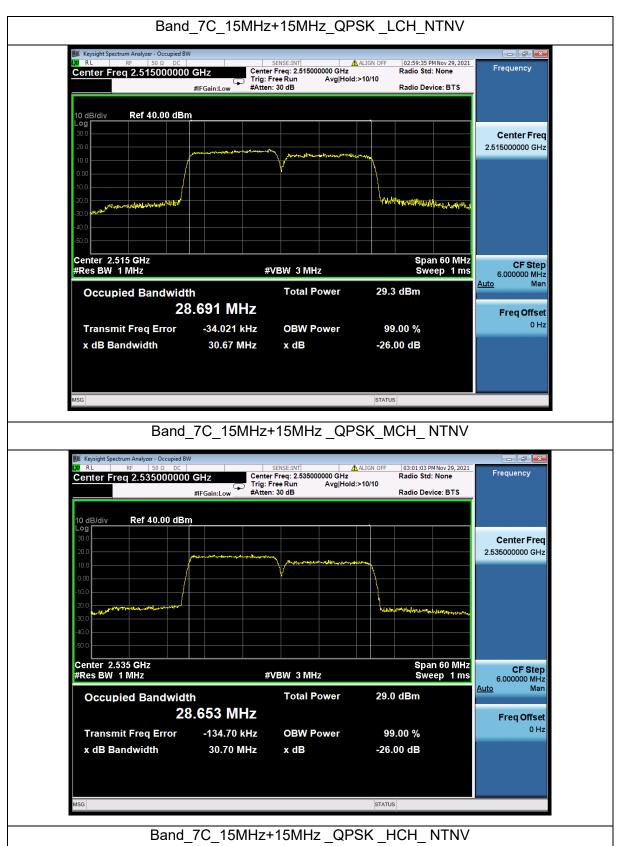


Band\_7C\_15MHz+10MHz\_64QAM\_HCH\_NTNV

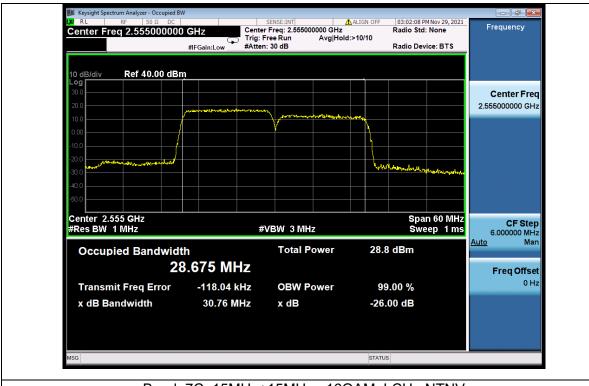










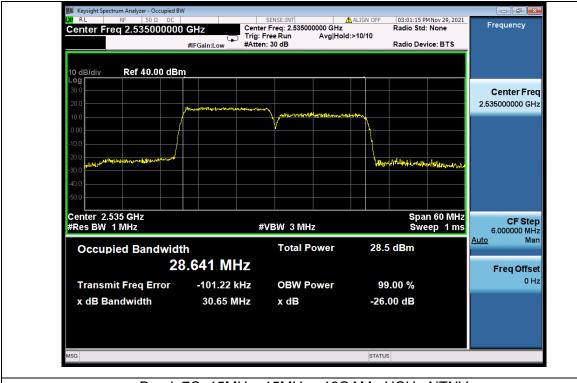


Band\_7C\_15MHz+15MHz \_16QAM\_LCH\_ NTNV

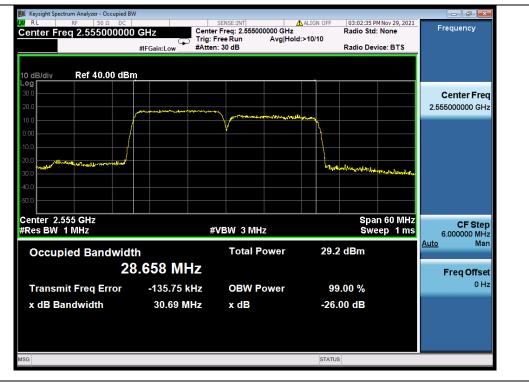


Band\_7C\_15MHz+15MHz \_16QAM\_MCH\_NTNV





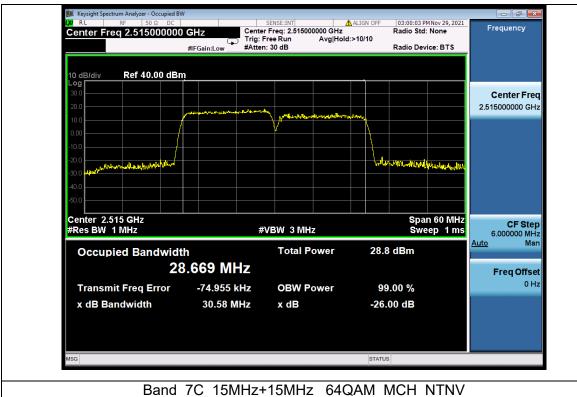
Band\_7C\_15MHz+15MHz \_16QAM\_ HCH \_NTNV

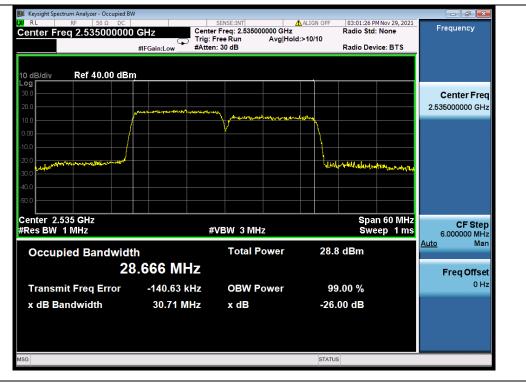


Band\_7C\_15MHz+15MHz\_64QAM\_LCH\_NTNV

Tel: +86 755 8869 6566 Fax: +86 755 8869 6577





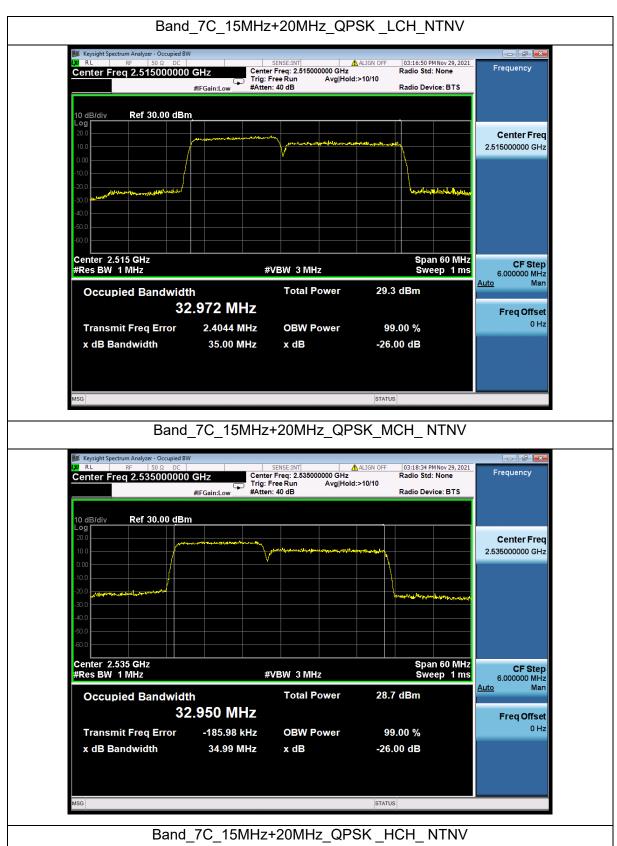


Band\_7C\_15MHz+15MHz\_64QAM\_HCH\_NTNV

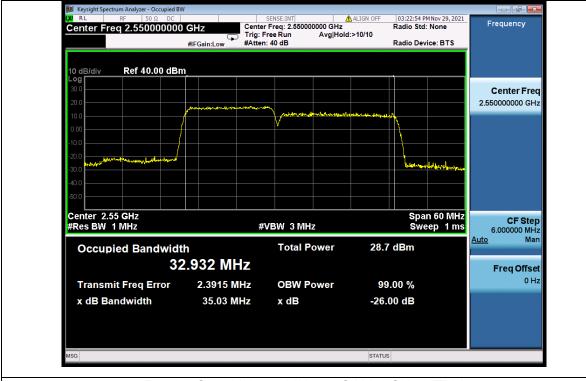










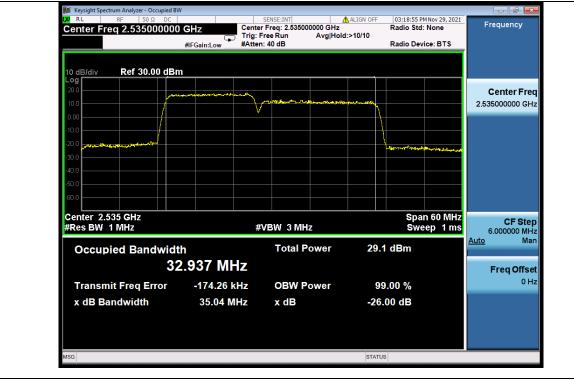


Band\_7C\_15MHz+20MHz\_16QAM\_LCH\_ NTNV



Band\_7C\_15MHz+20MHz\_16QAM\_MCH\_NTNV



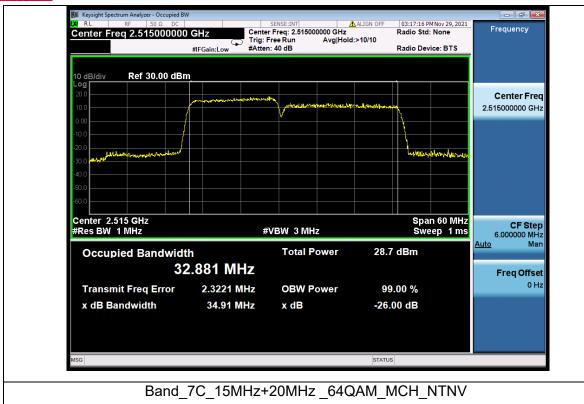


Band\_7C\_15MHz+20MHz\_16QAM\_ HCH \_NTNV



Band 7C 15MHz+20MHz 64QAM LCH NTNV

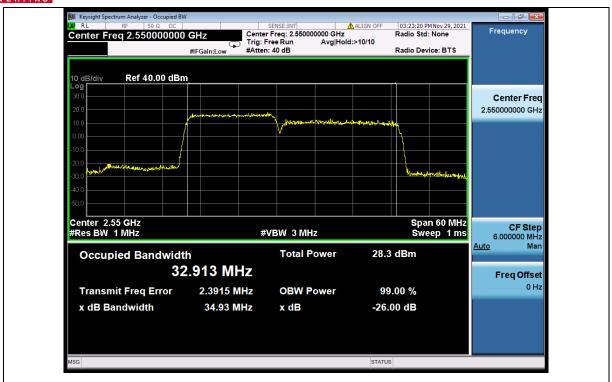




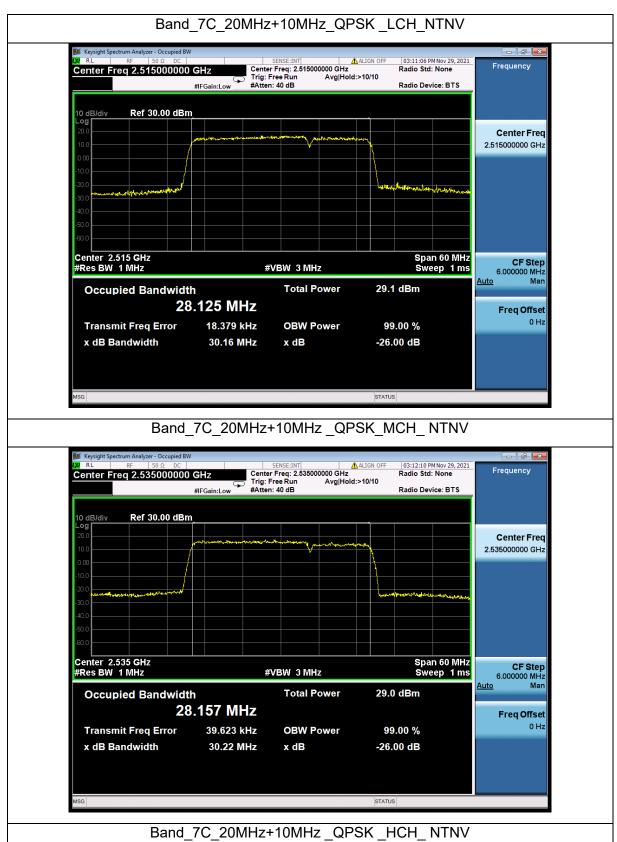


Band\_7C\_15MHz+20MHz \_64QAM\_HCH\_NTNV

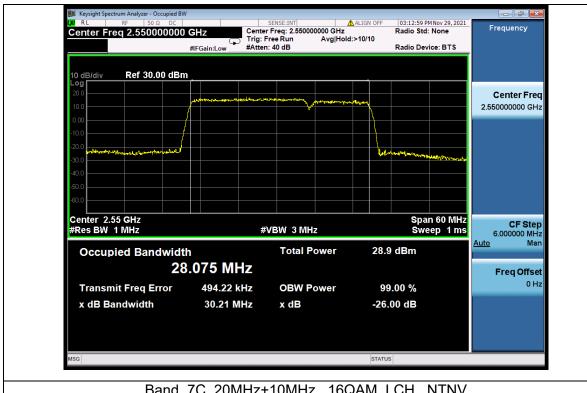










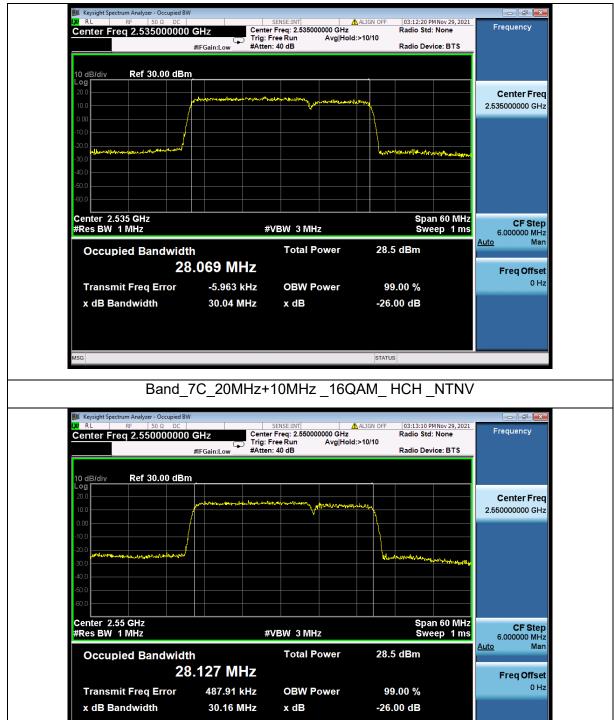


Band 7C 20MHz+10MHz 16QAM LCH NTNV



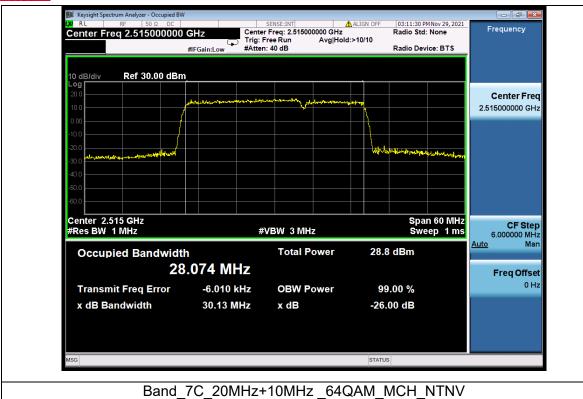
Band\_7C\_20MHz+10MHz \_16QAM\_MCH\_NTNV





Band\_7C\_20MHz+10MHz\_64QAM\_LCH\_NTNV





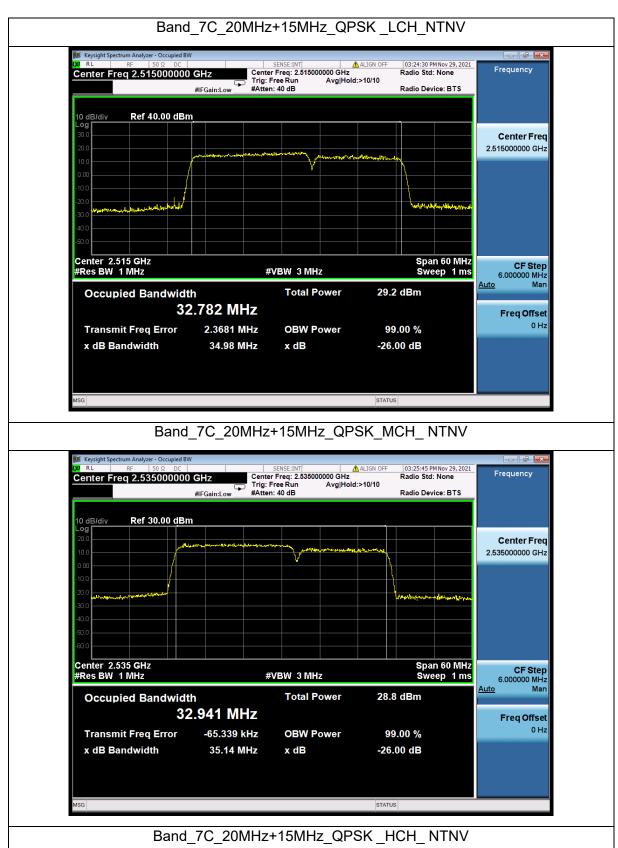


Band\_7C\_20MHz+10MHz\_64QAM\_HCH\_NTNV

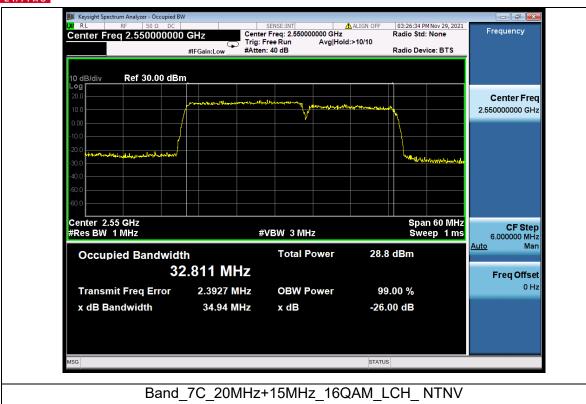














Band\_7C\_20MHz+15MHz\_16QAM\_MCH\_NTNV



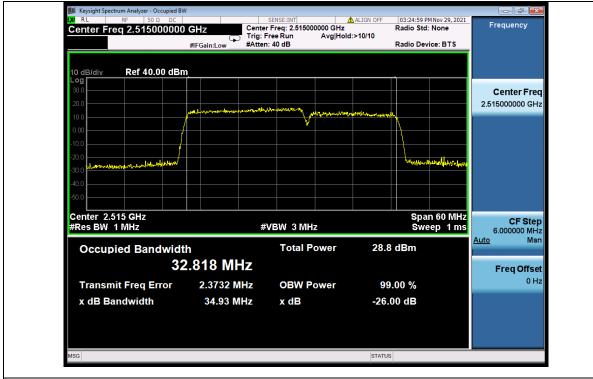


Band\_7C\_20MHz+15MHz\_16QAM\_ HCH \_NTNV



Band\_7C\_20MHz+15MHz\_64QAM\_LCH\_NTNV





Band\_7C\_20MHz+15MHz\_64QAM\_MCH\_NTNV



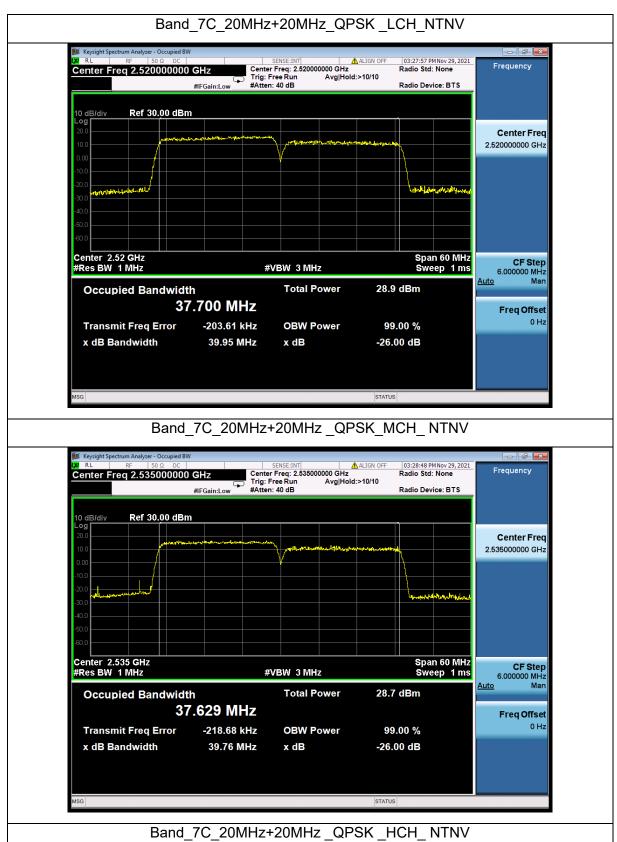
Band\_7C\_20MHz+15MHz\_64QAM\_HCH\_NTNV

Tel: +86 755 8869 6566 Fax: +86 755 8869 6577

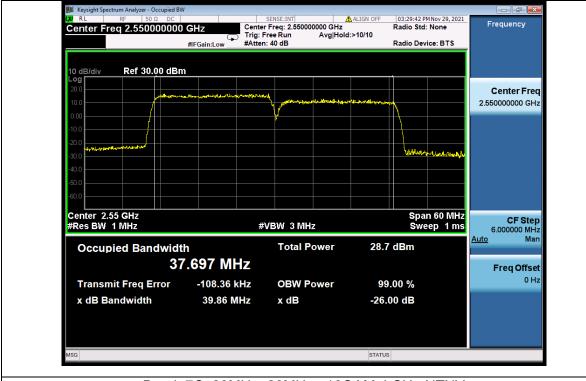




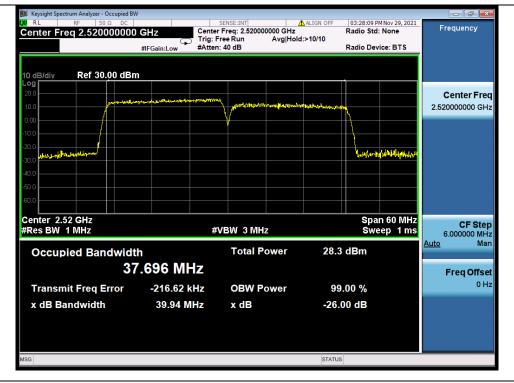






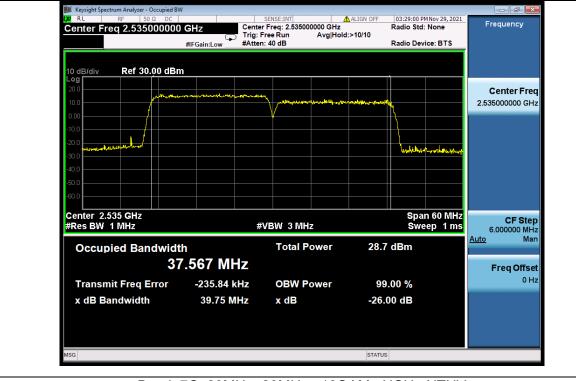


# Band\_7C\_20MHz+20MHz \_16QAM\_LCH\_ NTNV

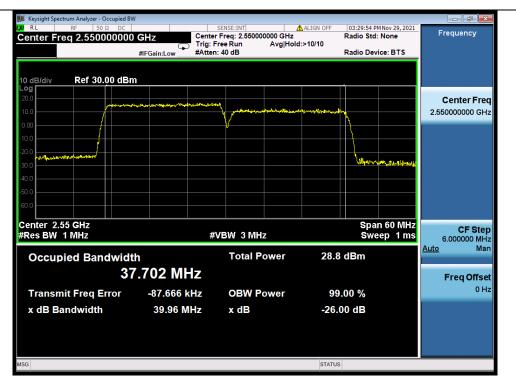


Band\_7C\_20MHz+20MHz \_16QAM\_MCH\_NTNV



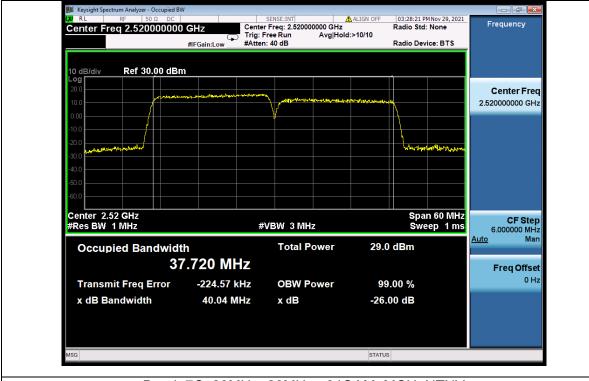


Band\_7C\_20MHz+20MHz \_16QAM\_ HCH \_NTNV



Band\_7C\_20MHz+20MHz\_64QAM\_LCH\_NTNV





Band\_7C\_20MHz+20MHz\_64QAM\_MCH\_NTNV



Band\_7C\_20MHz+20MHz\_64QAM\_HCH\_NTNV







# **SPURIOUS EMISSION**

## TEST RESULT

TEST RES	SULT						
		Band: 7	C / Bandwidth	: 10MHz+20	MHz / NTNV		
Modulation	RB Allocation		Spurious Emission				
	Size	Offset	LCH	MCH	HCH	Limit	Verdict
QPSK	1/1	0/99	Refer To Test Graph	Refer To Tes Graph	tRefer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	49/0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	0/99	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	FULL	0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	49/0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1/1	0/99	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	49/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
		Band: 7	C / Bandwidth	: 15MHz+10	MHz / NTNV		
Modulation		location		Spurious	Emission		Verdict
Modulation	Size	Offset	LCH	MCH	HCH	Limit	
	1/1	0/49	Refer To Test Graph	Refer To Tes Graph	tRefer To Test Graph	Refer To Test Graph	Pass
QPSK	FULL	0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	74/0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1/1	0/49	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	74/0	Refer To Test	1	Refer To Test	Refer To Test	Pass



VERITAS									
			Graph		Graph	Graph			
64QAM	1/1	0/49	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass		
	FULL	0	Refer To Test Graph	/		Refer To Test Graph	Pass		
	1/1	74/0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass		
		Band: 70	C / Bandwidth	: 15MHz+15N					
	RB Allocation Spurious Emission								
Modulation	Size	Offset	LCH	MCH	HCH	Limit	Verdict		
	1/1	0/74	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass		
QPSK	FULL	0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass		
	1/1	74/0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass		
	1/1	0/74	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass		
16QAM	FULL	0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass		
	1/1	74/0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass		
	1/1	0/74	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass		
64QAM	FULL	0	Refer To Test Graph	/		Refer To Test Graph	Pass		
	1/1	74/0	Refer To Test Graph	/		Refer To Test Graph	Pass		
		Band: 70	C / Bandwidth	: 15MHz+20N					
Modulation	RB A	location	Spurious		Emission		Verdict		
Modulation	Size	Offset	LCH	MCH	HCH	Limit	verdict		
QPSK	1/1	0/99	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass		
	FULL	0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass		
	1/1	74/0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass		
16QAM	1/1	0/99	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass		
	FULL	0	Refer To Test	1	Refer To Test	Refer To Test	Pass		



VERITAS							
			Graph		Graph	Graph	
	1/1	74/0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1/1	0/99	Refer To Test Graph	/	Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Graph	Refer To Test Graph	Pass
	1/1	74/0	Refer To Test Graph	/	Graph	Refer To Test Graph	Pass
		Band: 70	C / Bandwidth	: 20MHz+10N	MHz / NTNV		
Modulation	RB Al	location		Spurious	Emission		Verdict
Wodulation	Size	Offset	LCH	MCH	HCH	Limit	verdict
	1/1	0/49	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
QPSK	FULL	0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	0/49	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	FULL	0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	0/49	Refer To Test Graph	1	Graph	Refer To Test Graph	Pass
64QAM	FULL	0	Refer To Test Graph	1	Graph	Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
		Band: 70	C / Bandwidth	: 20MHz+15N	MHz / NTNV		
Modulation.	RB Allocation		Spurious Emission			Verdict	
	Size	Offset	LCH	MCH	HCH	Limit	VCIGIO
QPSK	1/1	0/74	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1/1	0/74	Refer To Test	1	Refer To Test	Refer To Test	Pass

Tel: +86 755 8869 6566 Fax: +86 755 8869 6577

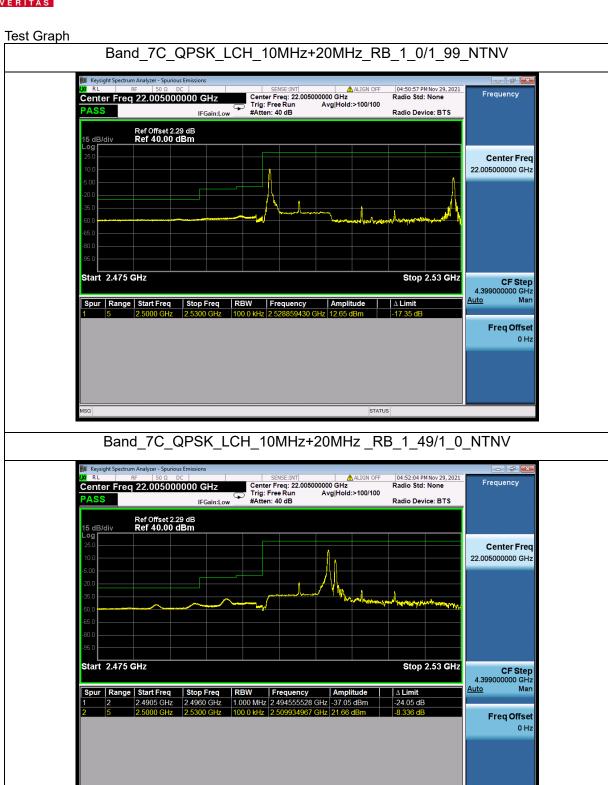


VERITAS							
			Graph		Graph	Graph	
	FULL	0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	0/74	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	FULL	0	Refer To Test Graph	/		Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	/		Refer To Test Graph	Pass
		Band: 7	C / Bandwidth	: 20MHz+20 <b>l</b>		O GPII	
Modulation		location		Spurious	Emission		Verdict
Modulation	Size	Offset	LCH	MCH	HCH	Limit	verdiot
	1/1	0/99	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
QPSK	FULL	0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1/1	0/99	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1/1	0/99	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	1	Graph	Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	/	Graph	Refer To Test Graph	Pass
64QAM	1/1	0/99	Refer To Test Graph	/	Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	1	Refer To Test Graph	Refer To Test Graph	Pass

Tel: +86 755 8869 6566 Fax: +86 755 8869 6577

Email: <a href="mailto:customerservice.sw@bureauveritas.com">customerservice.sw@bureauveritas.com</a>





Band\_7C\_QPSK\_LCH\_10MHz+20MHz \_RB\_FULL\_0\_NTNV





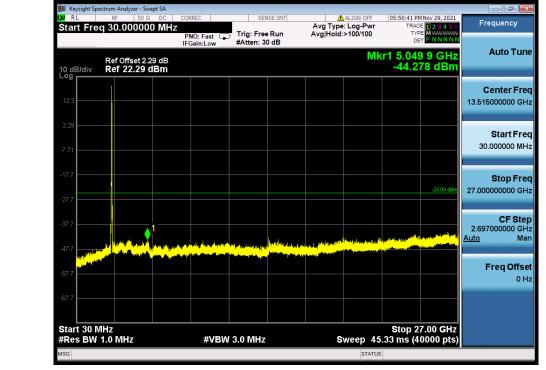
Band\_7C\_QPSK\_LCH\_10MHz+20MHz\_NTNV



Band\_7C\_QPSK\_MCH\_10MHz+20MHz\_NTNV

Tel: +86 755 8869 6566 Fax: +86 755 8869 6577



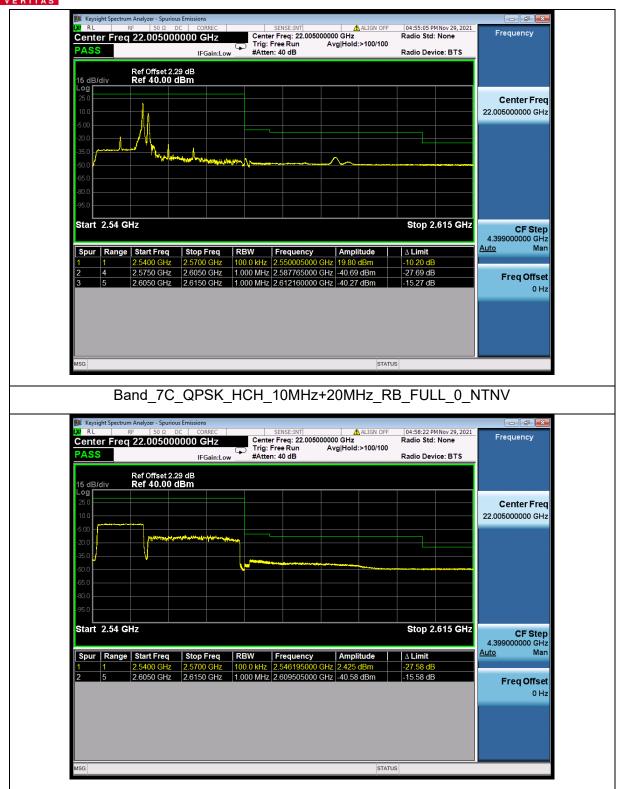


Band\_7C\_QPSK\_HCH\_10MHz+20MHz\_RB\_1\_0/1\_99\_NTNV



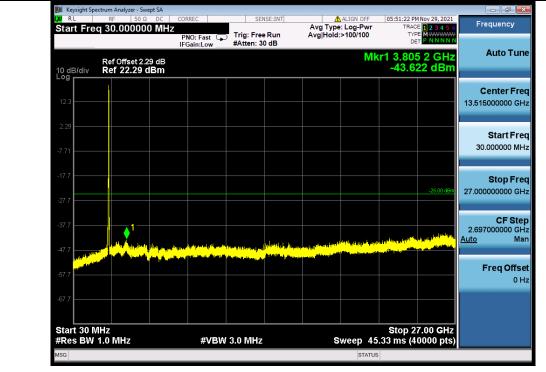
Band\_7C\_QPSK\_HCH\_10MHz+20MHz\_RB\_1\_49/1\_0\_NTNV





Band\_7C\_QPSK\_HCH\_10MHz+20MHz\_NTNV



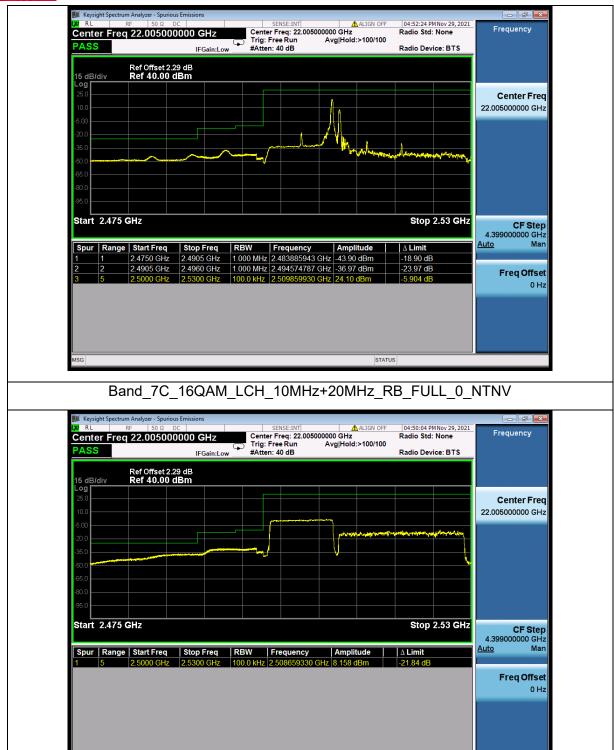


Band 7C 16QAM LCH 10M+20M RB 1 0/1 99 NTNV



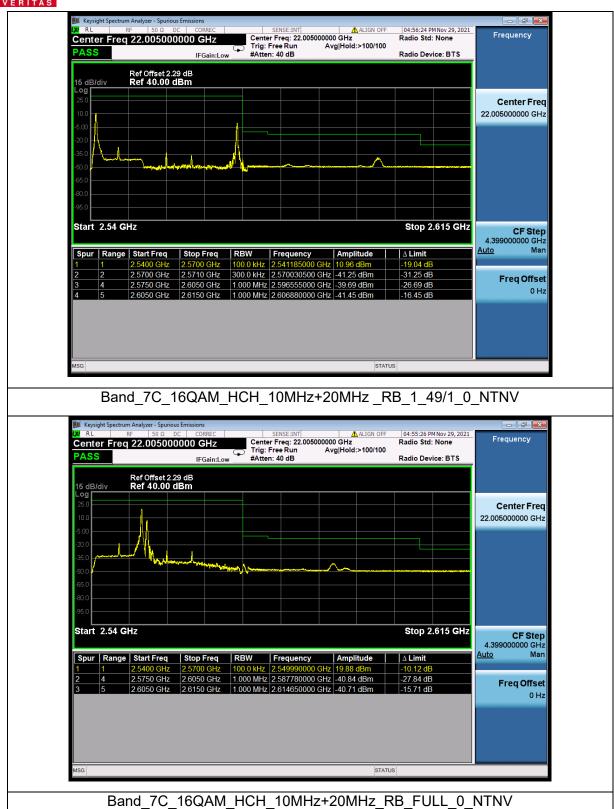
Band\_7C\_16QAM\_LCH\_10MHz+20MHz\_RB\_1\_99/1\_0\_NTNV





Band\_7C\_16QAM\_HCH\_10MHz+20MHz\_RB\_1\_0/1\_99\_NTNV







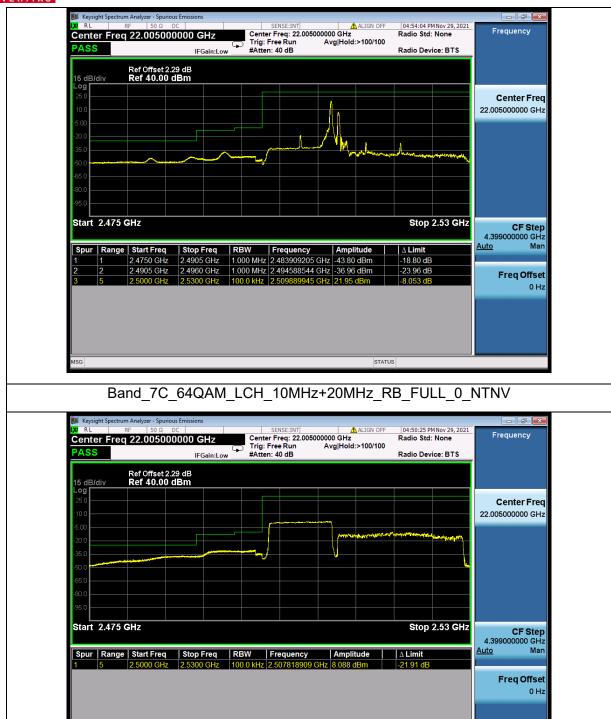


Band\_7C\_64QAM\_LCH\_10MHz+20MHz\_RB\_1\_0/1\_99\_NTNV



Band\_7C\_64QAM\_LCH\_10MHz+20MHz\_RB\_1\_49/1\_0\_NTNV





Band\_7C\_64QAM\_HCH\_10MHz+20MHz\_RB\_1\_0/1\_99\_NTNV