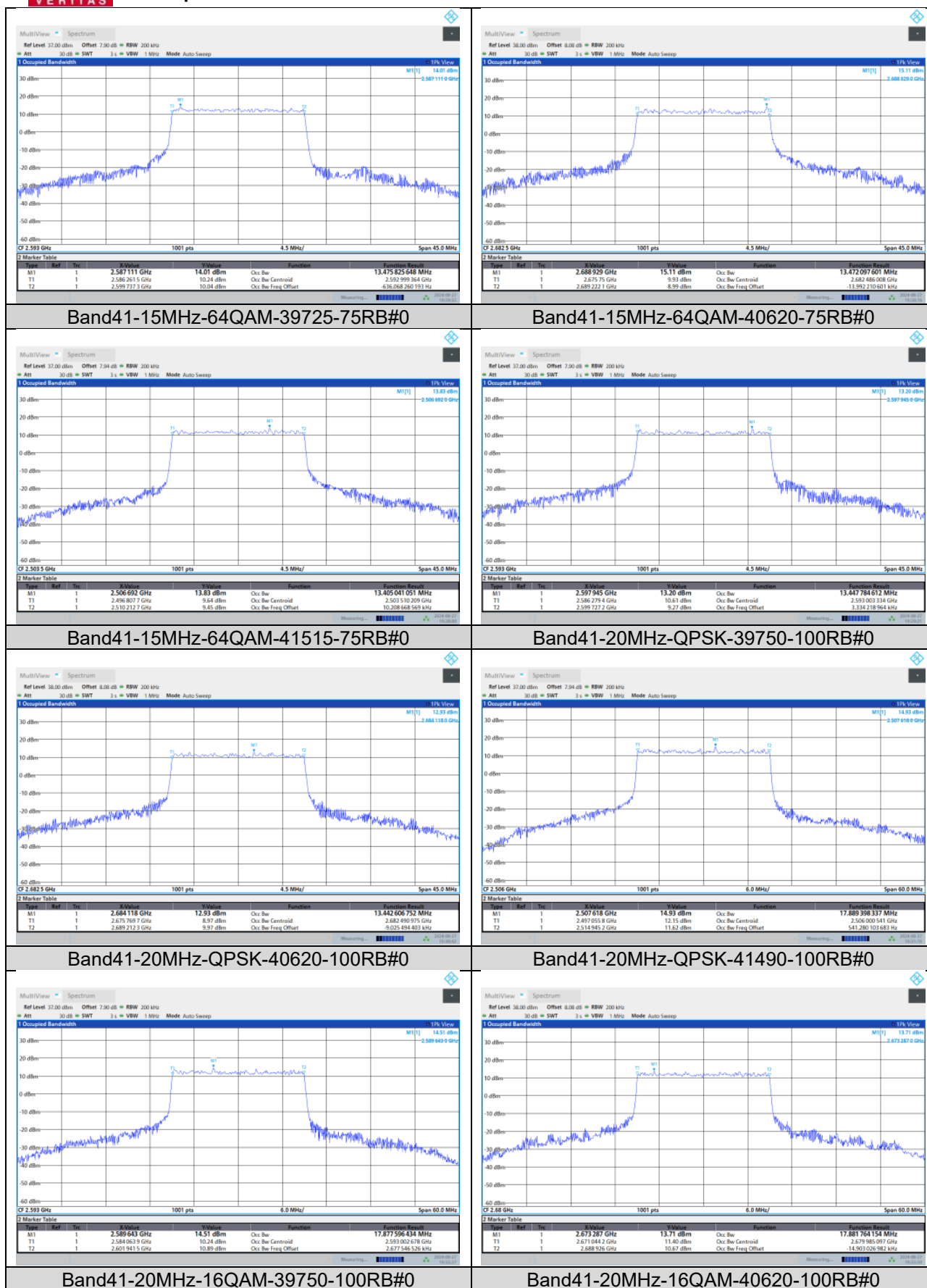




BUREAU
VERITAS

Test Report No.: PSU-NQN2407300216RF03



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

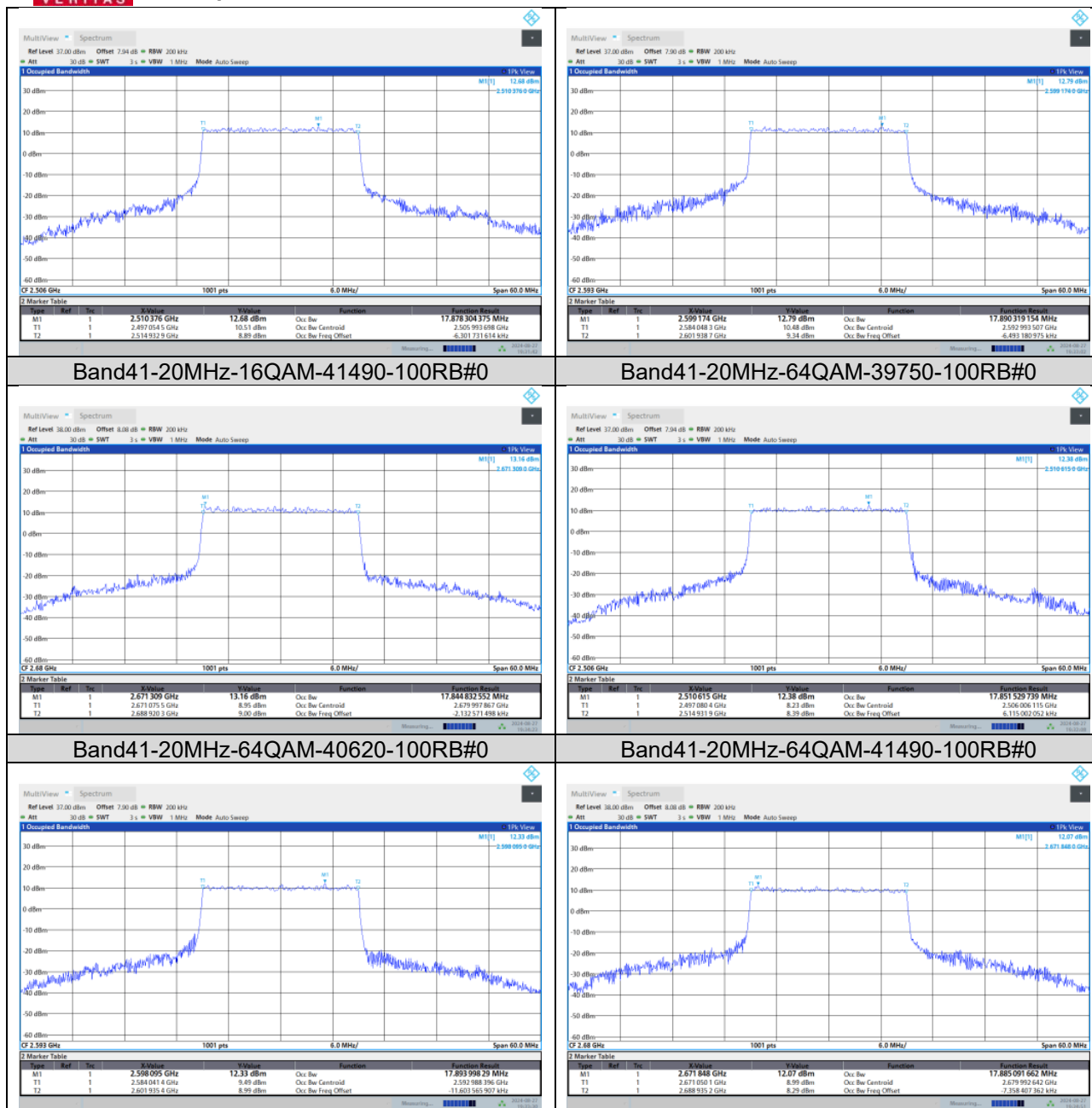
Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email:

customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: PSU-NQN2407300216RF03



26dB Bandwidth

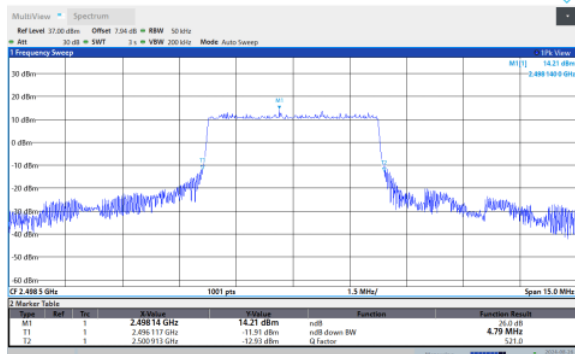
Band41-5MHz-QPSK-39675-25RB#0

Band41-5MHz-QPSK-40620-25RB#0

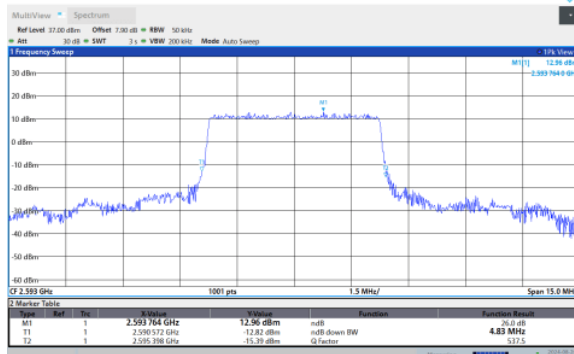


**BUREAU
VERITAS**

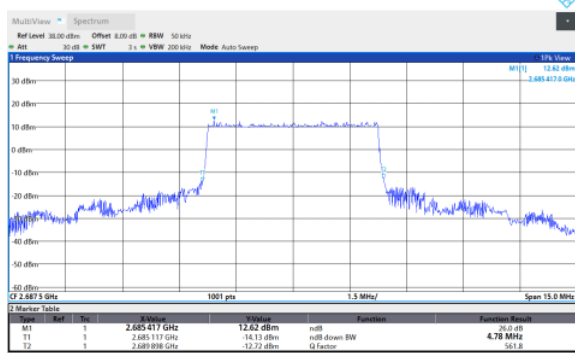
Test Report No.: PSU-NQN2407300216RF03



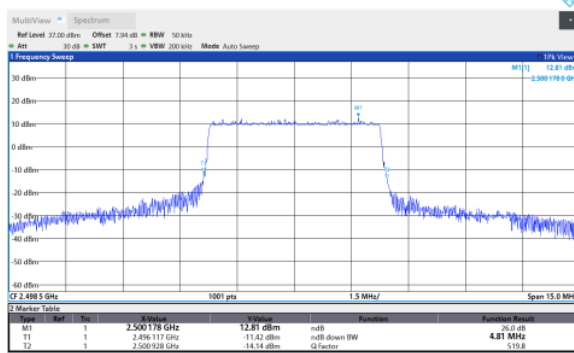
Band41-5MHz-QPSK-41565-25RB#0



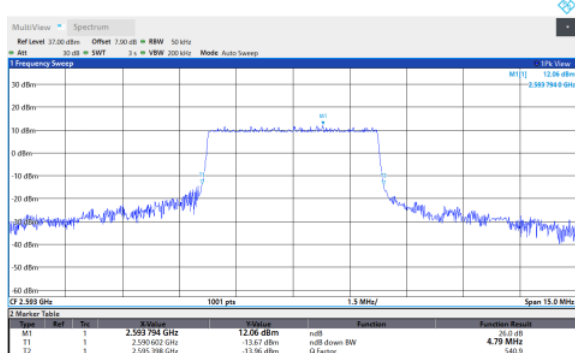
Band41-5MHz-16QAM-39675-25RB#0



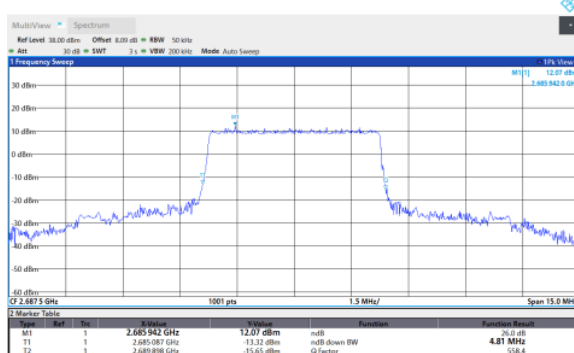
Band41-5MHz-16QAM-40620-25RB#0



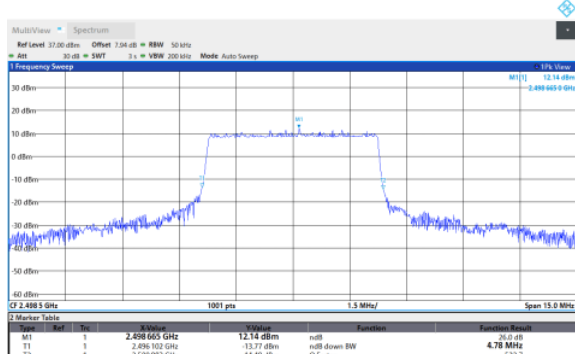
Band41-5MHz-16QAM-41565-25RB#0



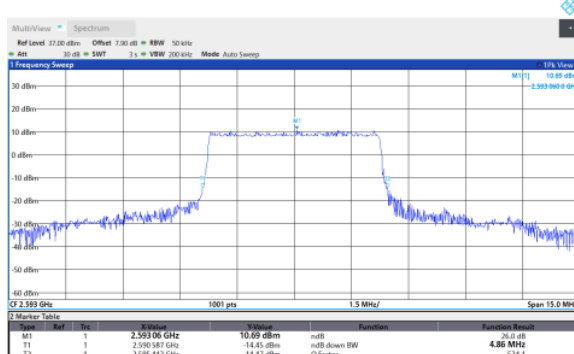
Band41-5MHz-64QAM-39675-25RB#0



Band41-5MHz-64QAM-40620-25RB#0



Band41-5MHz-64QAM-41565-25RB#0

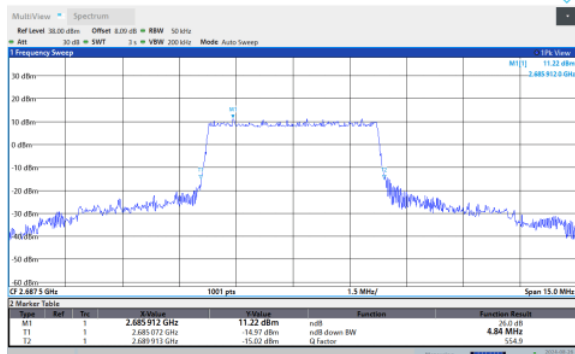


Band41-10MHz-QPSK-39700-50RB#0

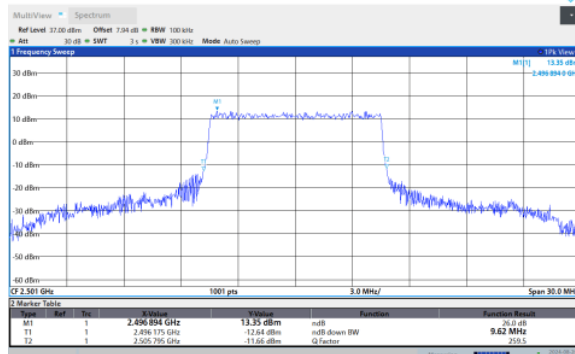


**BUREAU
VERITAS**

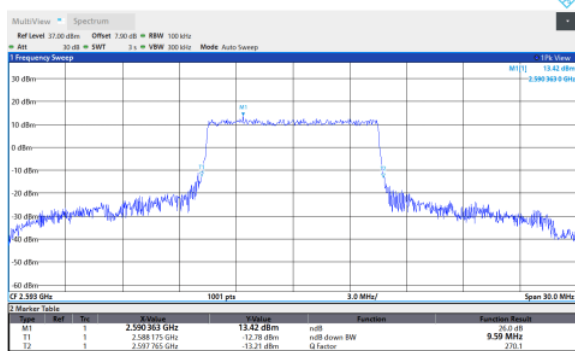
Test Report No.: PSU-NQN2407300216RF03



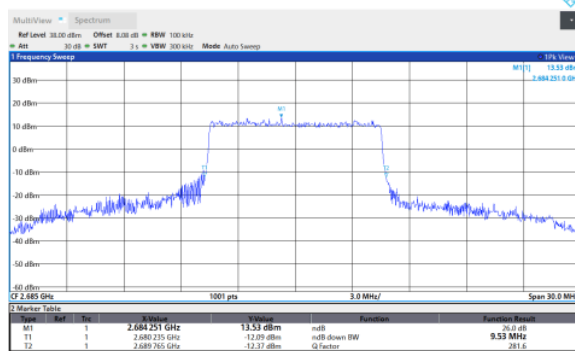
Band41-10MHz-QPSK-40620-50RB#0



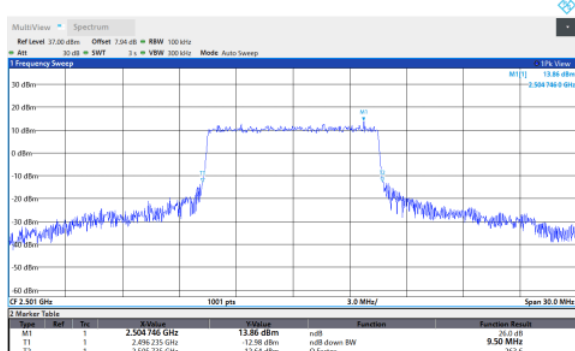
Band41-10MHz-QPSK-41540-50RB#0



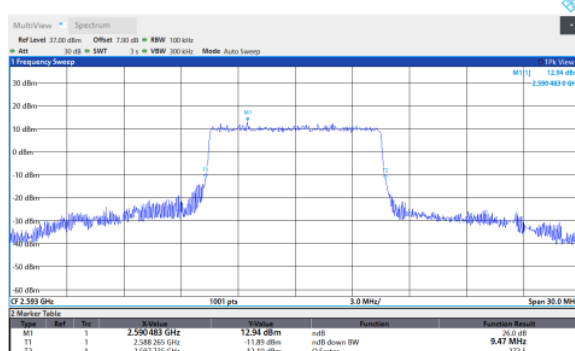
Band41-10MHz-16QAM-39700-50RB#0



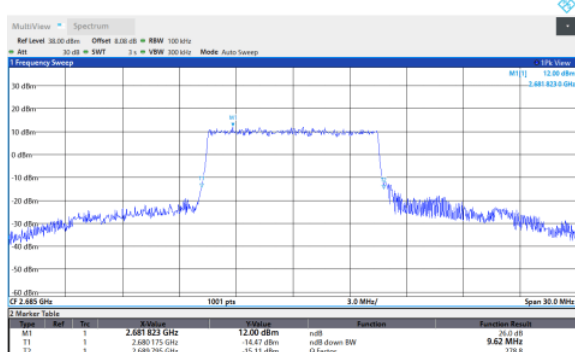
Band41-10MHz-16QAM-40620-50RB#0



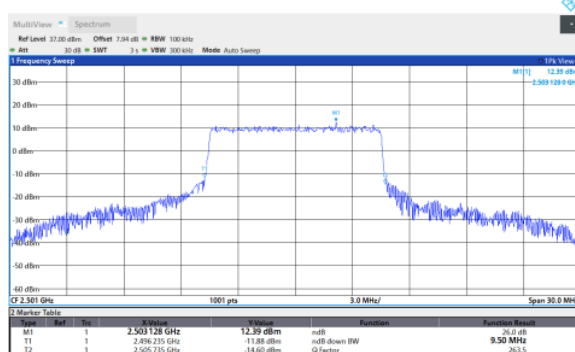
Band41-10MHz-16QAM-41540-50RB#0



Band41-10MHz-64QAM-39700-50RB#0



Band41-10MHz-64QAM-40620-50RB#0

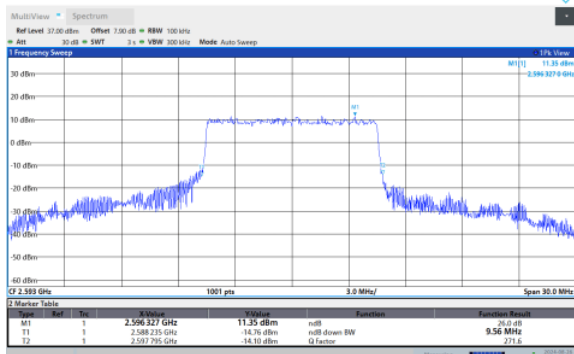


Band41-10MHz-64QAM-41540-50RB#0

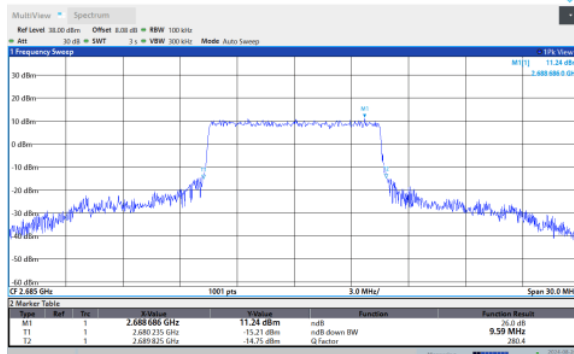


**BUREAU
VERITAS**

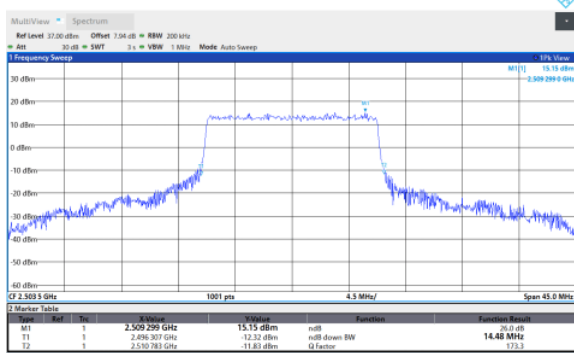
Test Report No.: PSU-NQN2407300216RF03



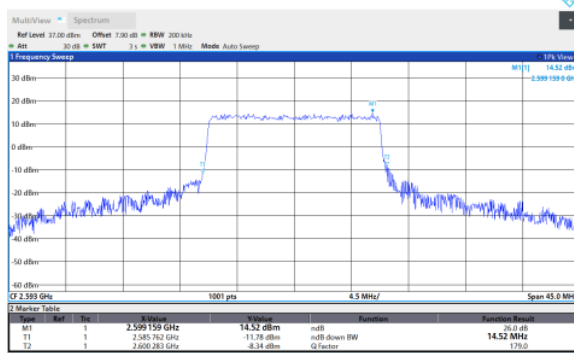
Band41-15MHz-QPSK-39725-75RB#0



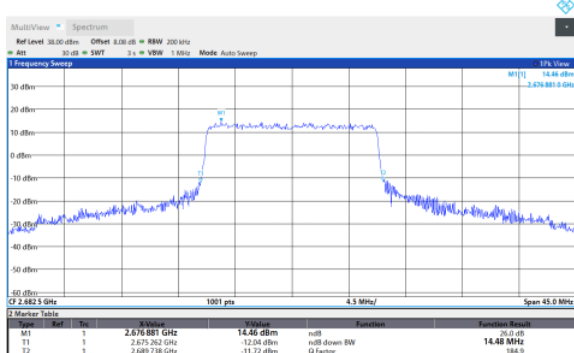
Band41-15MHz-QPSK-40620-75RB#0



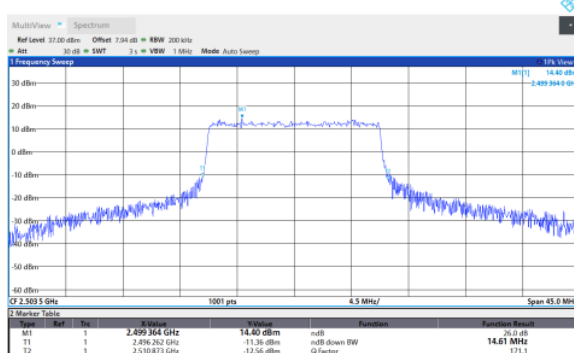
Band41-15MHz-QPSK-40620-75RB#0



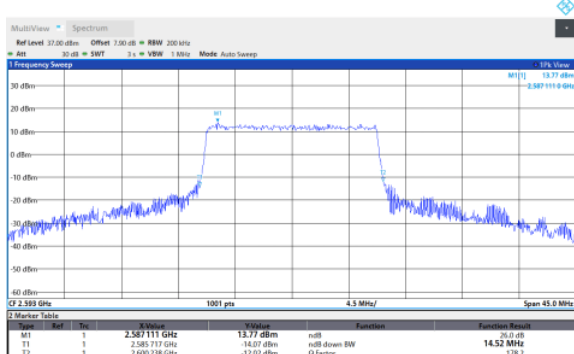
Band41-15MHz-16QAM-39725-75RB#0



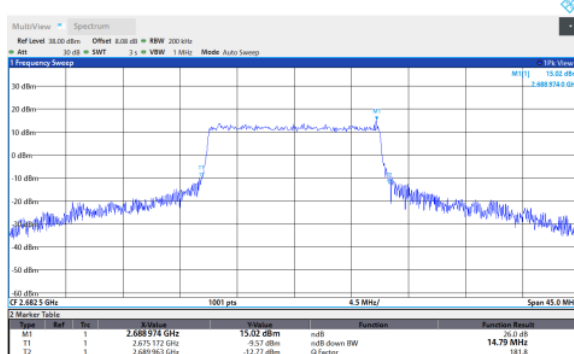
Band41-15MHz-16QAM-40620-75RB#0



Band41-15MHz-16QAM-41515-75RB#0



Band41-15MHz-64QAM-39725-75RB#0

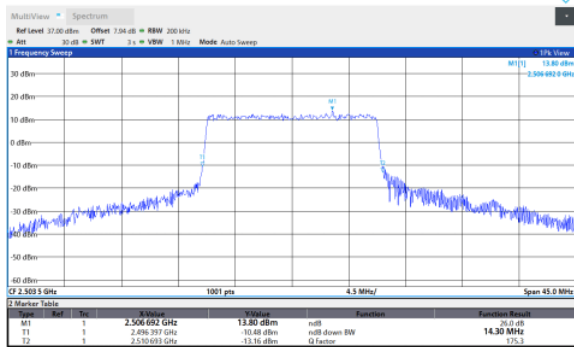


Band41-15MHz-64QAM-40620-75RB#0

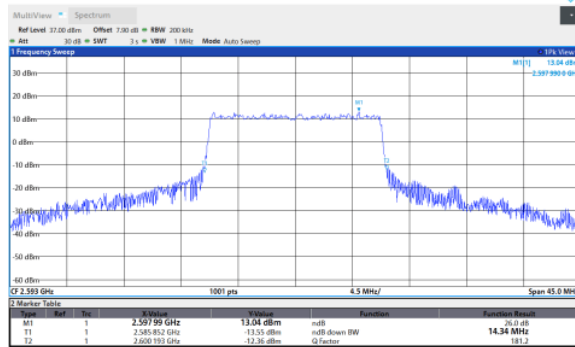


**BUREAU
VERITAS**

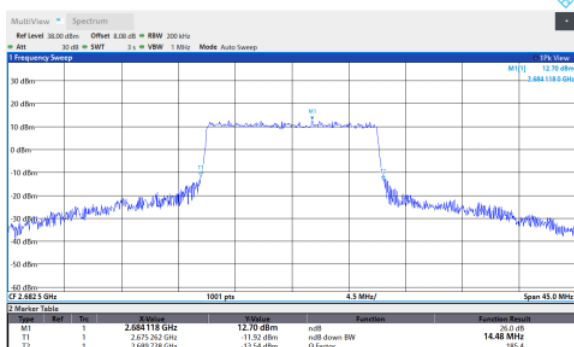
Test Report No.: PSU-NQN2407300216RF03



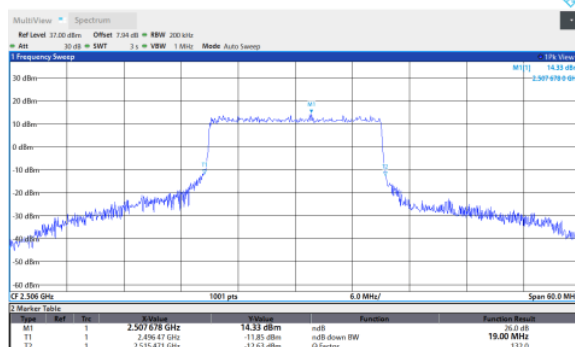
Band41-15MHz-64QAM-41515-75RB#0



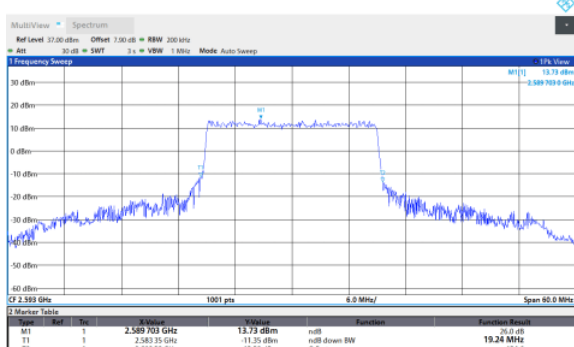
Band41-20MHz-QPSK-39750-100RB#0



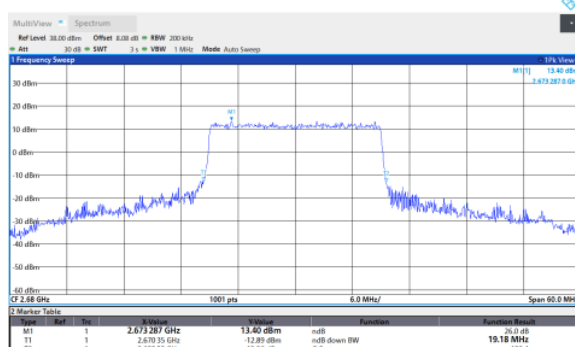
Band41-20MHz-QPSK-40620-100RB#0



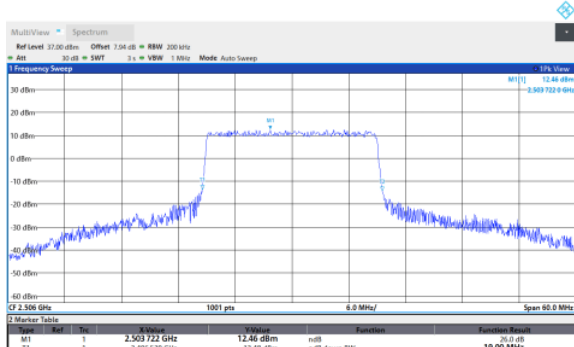
Band41-20MHz-QPSK-41490-100RB#0



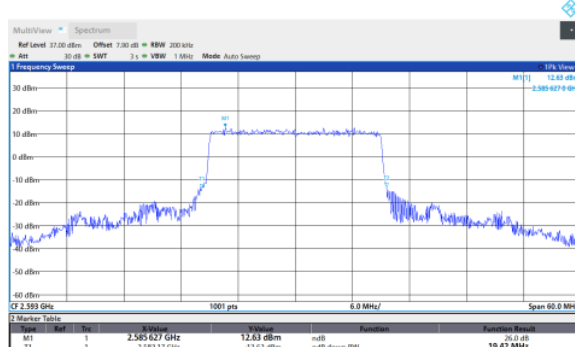
Band41-20MHz-16QAM-39750-100RB#0



Band41-20MHz-16QAM-40620-100RB#0



Band41-20MHz-16QAM-41490-100RB#0

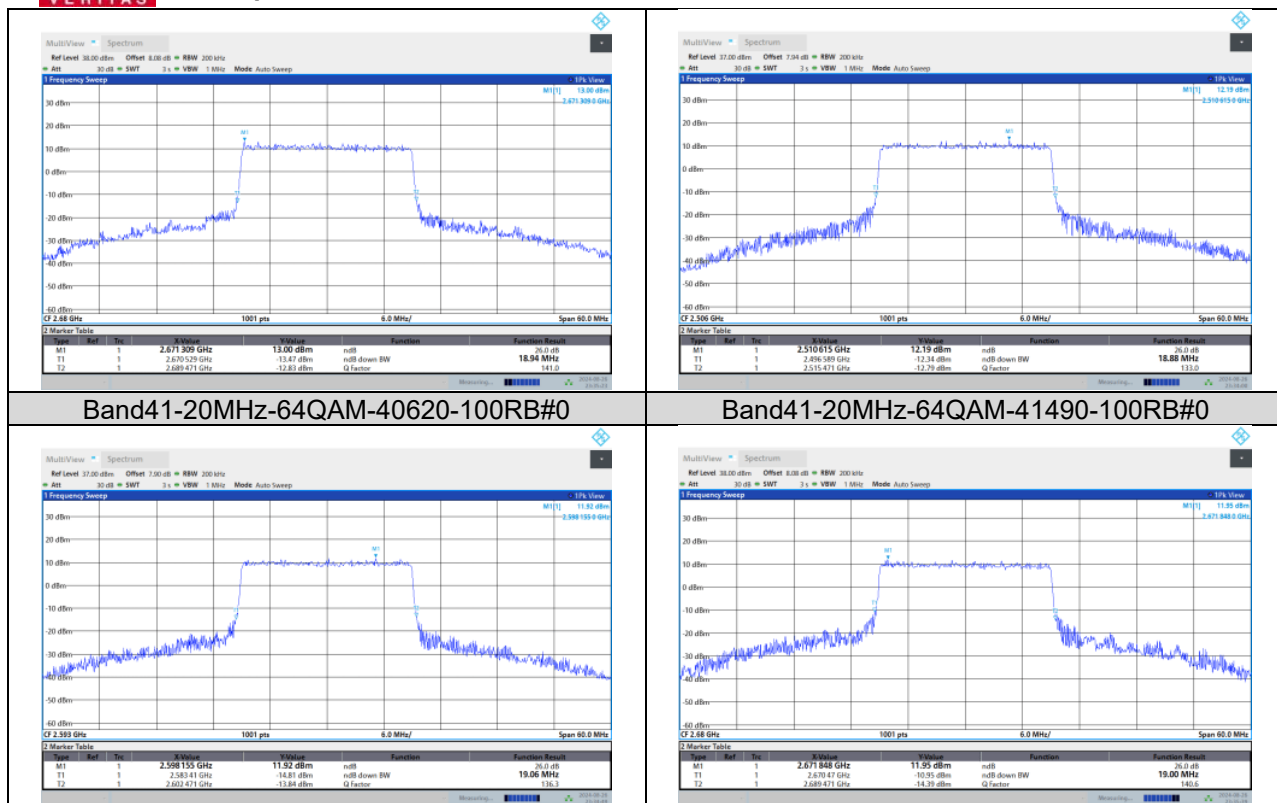


Band41-20MHz-64QAM-39750-100RB#0



BUREAU
VERITAS

Test Report No.: PSU-NQN2407300216RF03



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

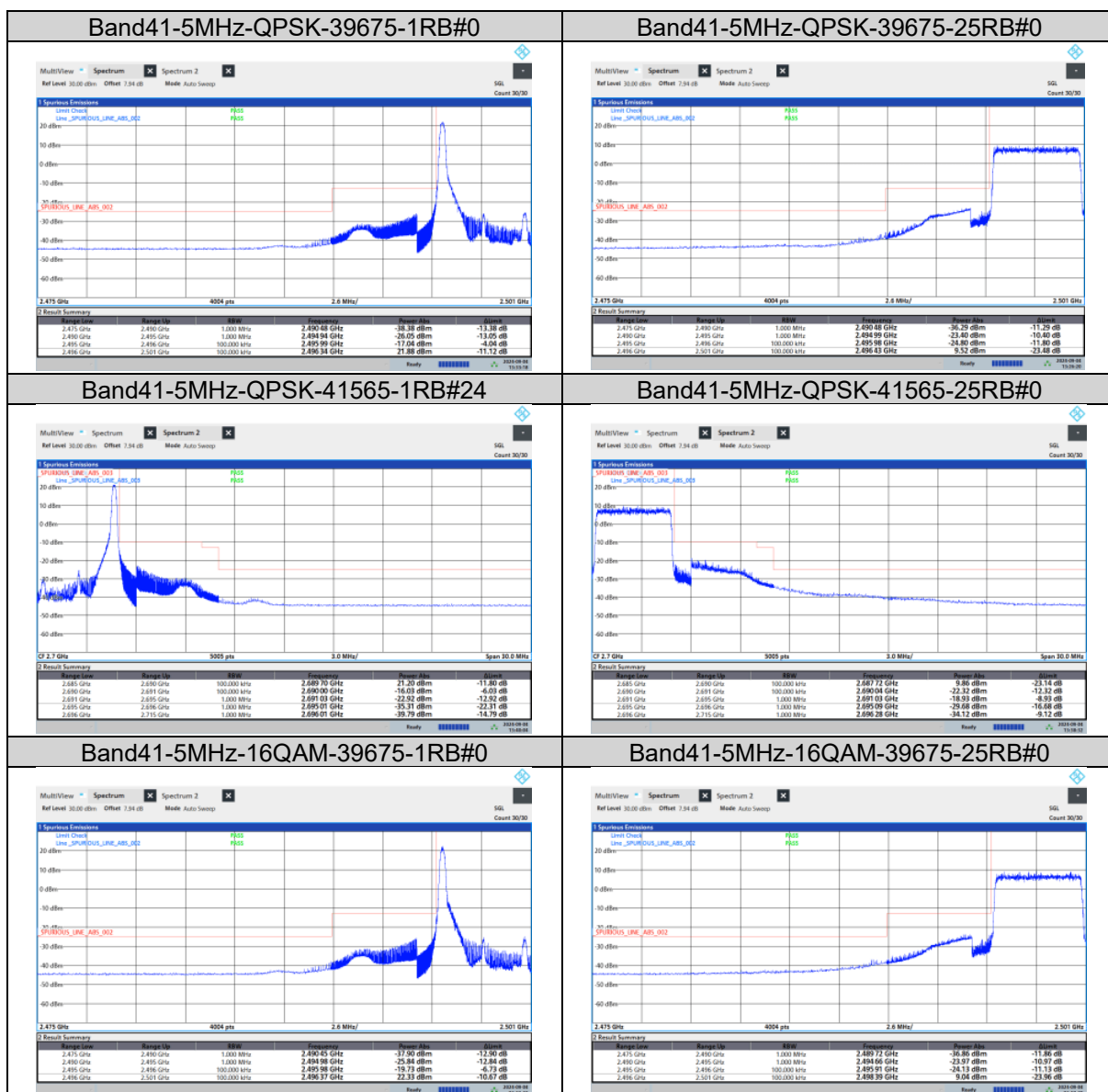


BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	See Graph	PASS
Band41	5MHz	QPSK	39675	25RB#0	See Graph	PASS
Band41	5MHz	QPSK	41565	1RB#24	See Graph	PASS
Band41	5MHz	QPSK	41565	25RB#0	See Graph	PASS
Band41	5MHz	16QAM	39675	1RB#0	See Graph	PASS
Band41	5MHz	16QAM	39675	25RB#0	See Graph	PASS
Band41	5MHz	16QAM	41565	1RB#24	See Graph	PASS
Band41	5MHz	16QAM	41565	25RB#0	See Graph	PASS
Band41	5MHz	64QAM	39675	1RB#0	See Graph	PASS
Band41	5MHz	64QAM	39675	25RB#0	See Graph	PASS
Band41	5MHz	64QAM	41565	1RB#24	See Graph	PASS
Band41	5MHz	64QAM	41565	25RB#0	See Graph	PASS
Band41	10MHz	QPSK	39700	1RB#0	See Graph	PASS
Band41	10MHz	QPSK	39700	50RB#0	See Graph	PASS
Band41	10MHz	QPSK	41540	1RB#49	See Graph	PASS
Band41	10MHz	QPSK	41540	50RB#0	See Graph	PASS
Band41	10MHz	16QAM	39700	1RB#0	See Graph	PASS
Band41	10MHz	16QAM	39700	50RB#0	See Graph	PASS
Band41	10MHz	16QAM	41540	1RB#49	See Graph	PASS
Band41	10MHz	16QAM	41540	50RB#0	See Graph	PASS
Band41	10MHz	64QAM	39700	1RB#0	See Graph	PASS
Band41	10MHz	64QAM	39700	50RB#0	See Graph	PASS
Band41	10MHz	64QAM	41540	1RB#49	See Graph	PASS
Band41	10MHz	64QAM	41540	50RB#0	See Graph	PASS
Band41	15MHz	QPSK	39725	1RB#0	See Graph	PASS
Band41	15MHz	QPSK	39725	75RB#0	See Graph	PASS
Band41	15MHz	QPSK	41515	1RB#74	See Graph	PASS
Band41	15MHz	QPSK	41515	75RB#0	See Graph	PASS
Band41	15MHz	16QAM	39725	1RB#0	See Graph	PASS
Band41	15MHz	16QAM	39725	75RB#0	See Graph	PASS
Band41	15MHz	16QAM	41515	1RB#74	See Graph	PASS
Band41	15MHz	16QAM	41515	75RB#0	See Graph	PASS
Band41	15MHz	64QAM	39725	1RB#0	See Graph	PASS
Band41	15MHz	64QAM	39725	75RB#0	See Graph	PASS
Band41	15MHz	64QAM	41515	1RB#74	See Graph	PASS
Band41	15MHz	64QAM	41515	75RB#0	See Graph	PASS
Band41	20MHz	QPSK	39750	1RB#0	See Graph	PASS
Band41	20MHz	QPSK	39750	100RB#0	See Graph	PASS
Band41	20MHz	QPSK	41490	1RB#99	See Graph	PASS
Band41	20MHz	QPSK	41490	100RB#0	See Graph	PASS
Band41	20MHz	16QAM	39750	1RB#0	See Graph	PASS
Band41	20MHz	16QAM	39750	100RB#0	See Graph	PASS
Band41	20MHz	16QAM	41490	1RB#99	See Graph	PASS
Band41	20MHz	16QAM	41490	100RB#0	See Graph	PASS
Band41	20MHz	64QAM	39750	1RB#0	See Graph	PASS
Band41	20MHz	64QAM	39750	100RB#0	See Graph	PASS
Band41	20MHz	64QAM	41490	1RB#99	See Graph	PASS
Band41	20MHz	64QAM	41490	100RB#0	See Graph	PASS

Test Graphs

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

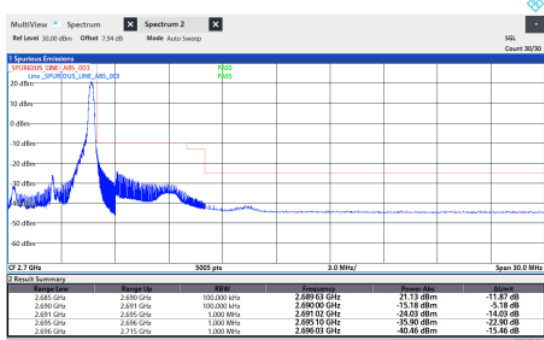
Email:

customerservice.sw@bureauveritas.com



BUREAU VERITAS Test Report No.: PSU-NQN2407300216RF03

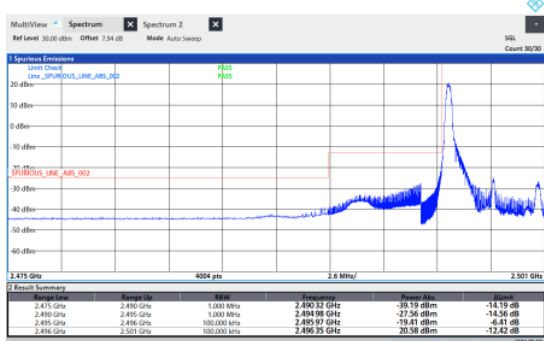
Band41-5MHz-16QAM-41565-1RB#24



Band41-5MHz-16QAM-41565-25RB#0



Band41-5MHz-64QAM-39675-1RB#0



Band41-5MHz-64QAM-39675-25RB#0



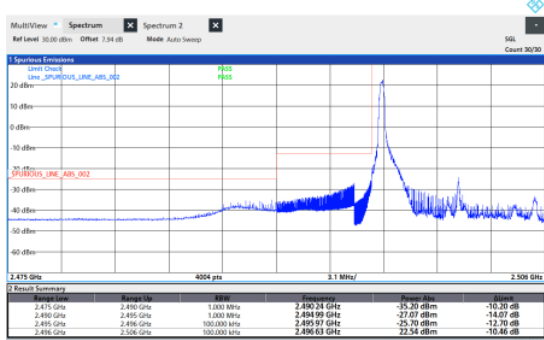
Band41-5MHz-64QAM-41565-1RB#24



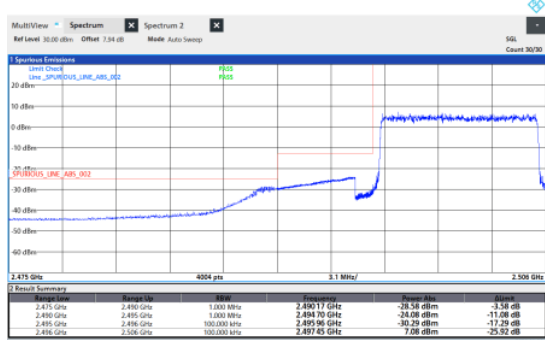
Band41-5MHz-64QAM-41565-25RB#0



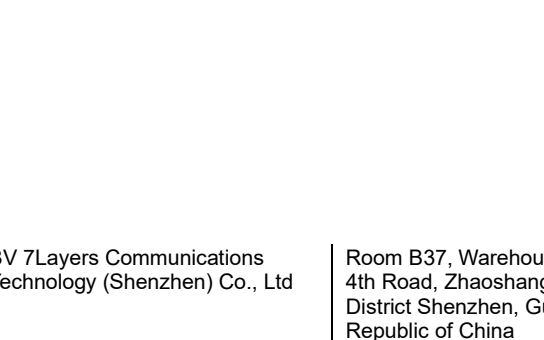
Band41-10MHz-QPSK-39700-1RB#0



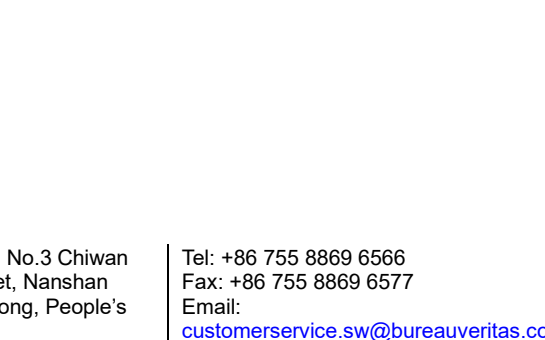
Band41-10MHz-QPSK-39700-50RB#0



Band41-10MHz-QPSK-41540-1RB#49



Band41-10MHz-QPSK-41540-50RB#0





The figure displays eight spectral analysis plots arranged in a 4x2 grid. Each plot shows a spectrum with a sharp peak at 2.475 GHz. The plots are labeled as follows:

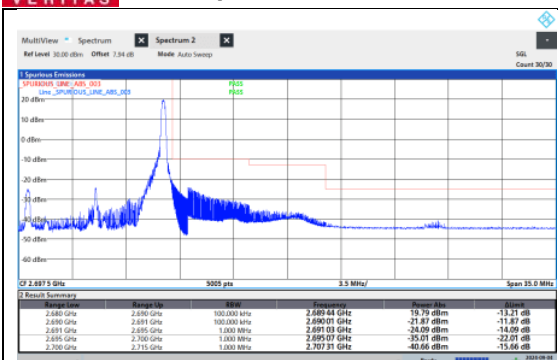
- Row 1: Band41-10MHz-16QAM-39700-1RB#0
- Row 2: Band41-10MHz-16QAM-39700-50RB#0
- Row 3: Band41-10MHz-16QAM-41540-1RB#0
- Row 4: Band41-10MHz-16QAM-41540-50RB#0
- Row 5: Band41-10MHz-64QAM-39700-1RB#0
- Row 6: Band41-10MHz-64QAM-39700-50RB#0
- Row 7: Band41-10MHz-64QAM-41540-1RB#0
- Row 8: Band41-10MHz-64QAM-41540-50RB#0

Each plot includes a 'Spectrum Estimate' section with a table of summary data. The table columns are: Range Up, Range Low, Frequency, Power Abs, and Power. The data is as follows:

Range Up	Range Low	Frequency	Power Abs	Power
2.475 GHz	2.480 GHz	2.480 GHz	-11.37 dBm	-11.37 dBm
2.480 GHz	2.485 GHz	2.485 GHz	-12.17 dBm	-12.17 dBm
2.485 GHz	2.490 GHz	2.490 GHz	-14.95 dBm	-14.95 dBm
2.490 GHz	2.495 GHz	2.495 GHz	-20.13 dBm	-20.13 dBm
2.495 GHz	2.500 GHz	2.500 GHz	-41.89 dBm	-41.89 dBm



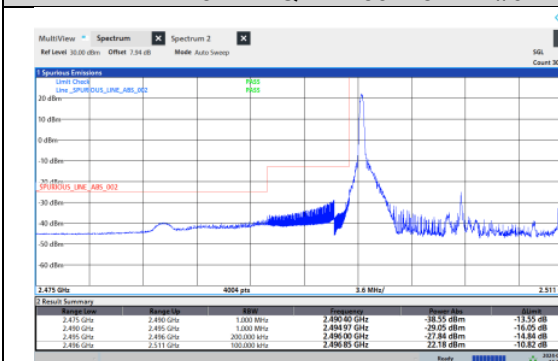
BUREAU VERITAS Test Report No.: PSU-NQN2407300216RF03



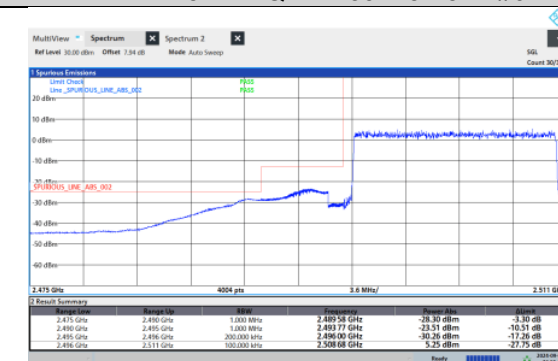
Band41-15MHz-QPSK-39725-1RB#0



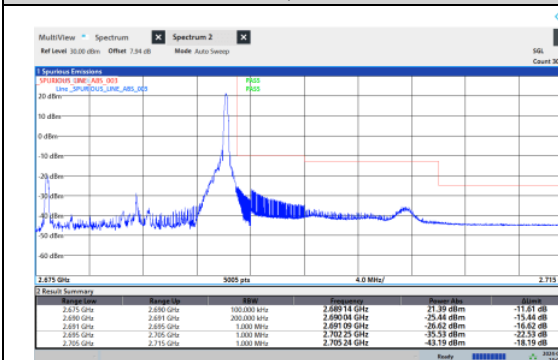
Band41-15MHz-QPSK-39725-75RB#0



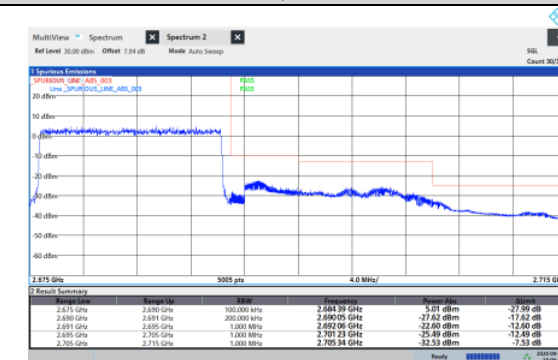
Band41-15MHz-QPSK-41515-1RB#74



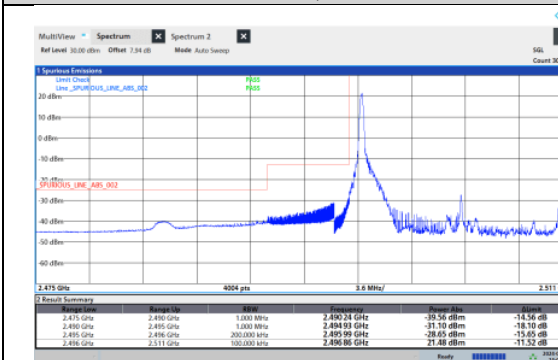
Band41-15MHz-QPSK-41515-75RB#0



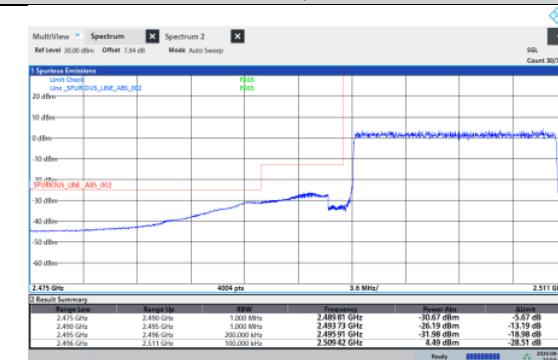
Band41-15MHz-16QAM-39725-1RB#0



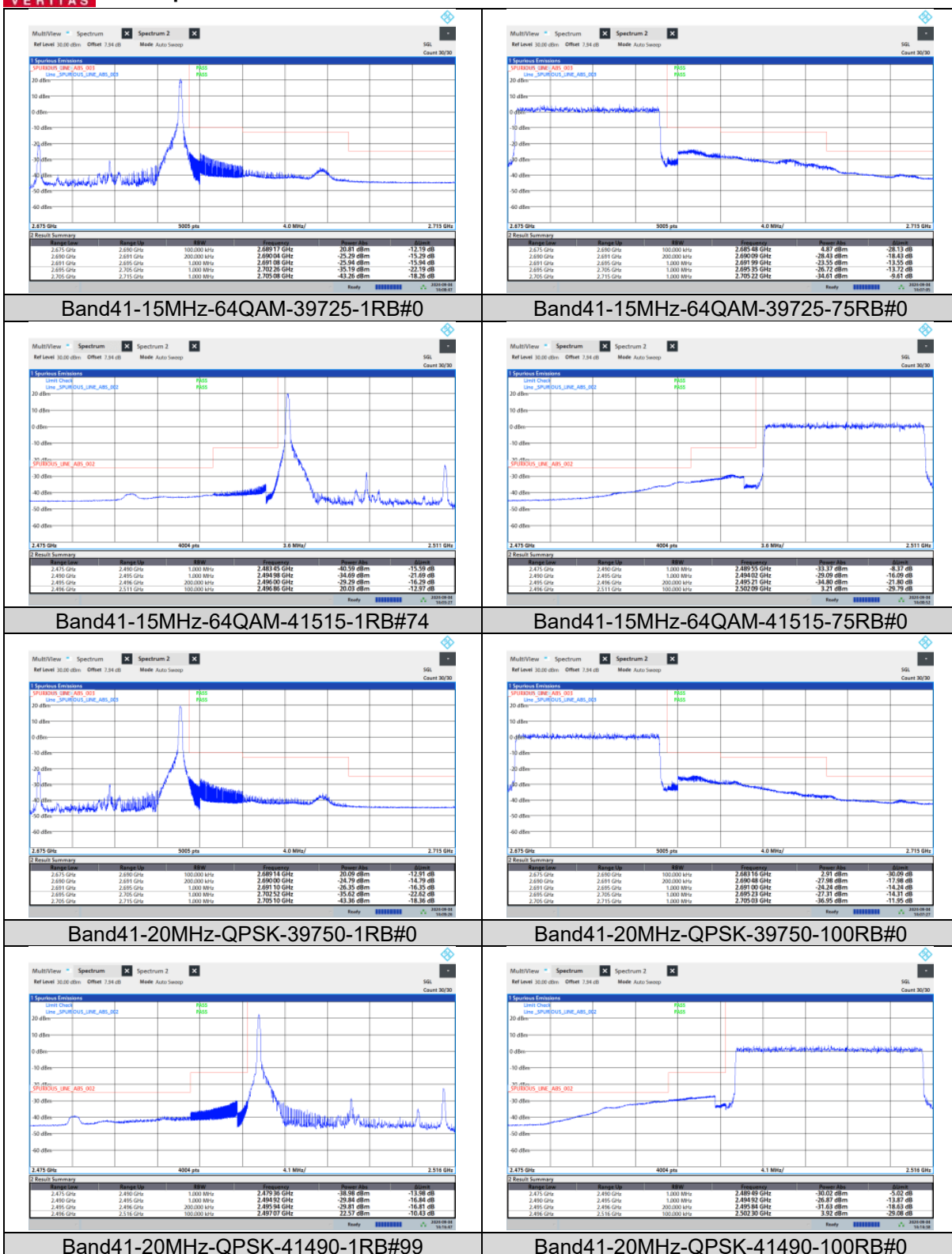
Band41-15MHz-16QAM-39725-75RB#0

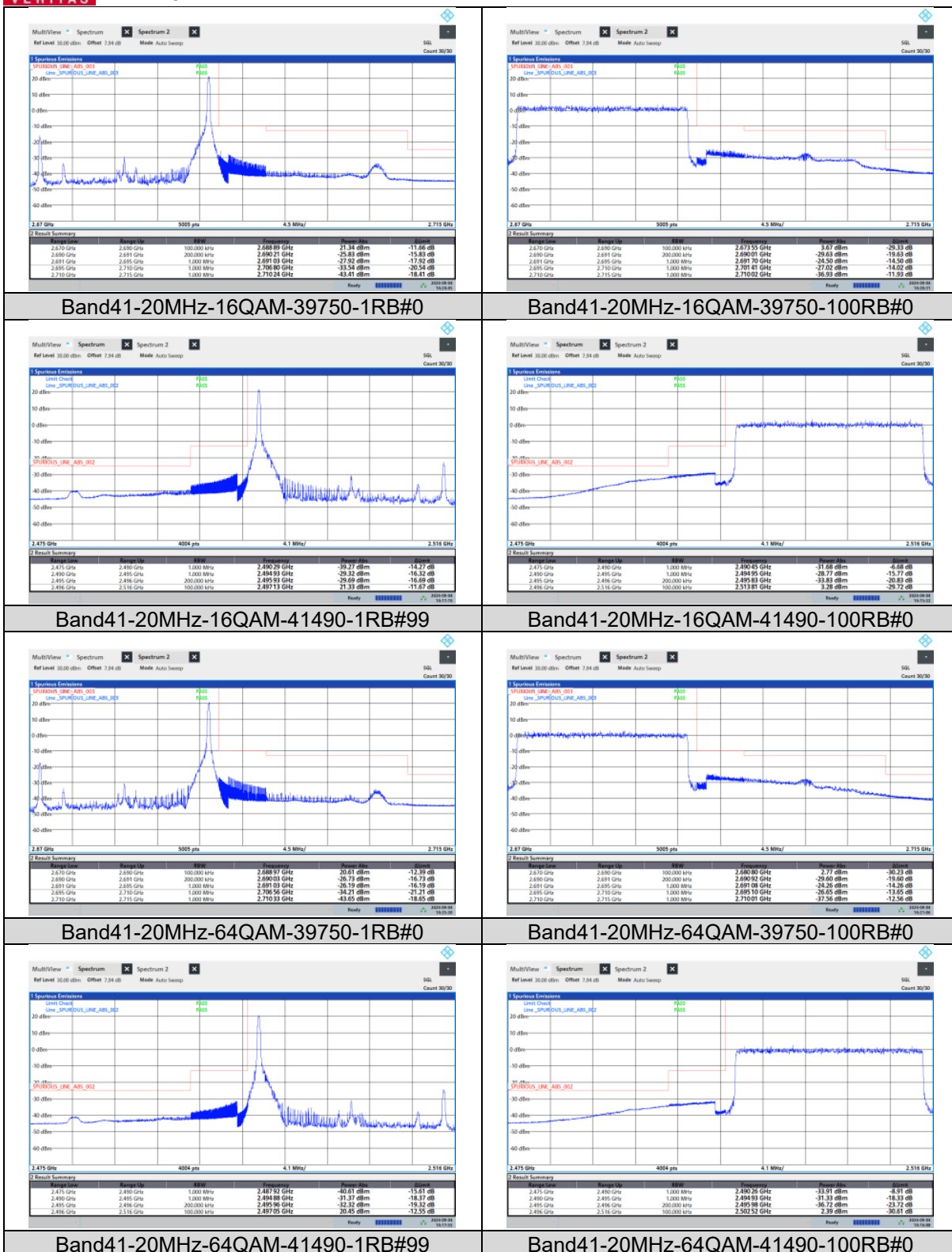


Band41-15MHz-16QAM-41515-1RB#74



Band41-15MHz-16QAM-41515-75RB#0

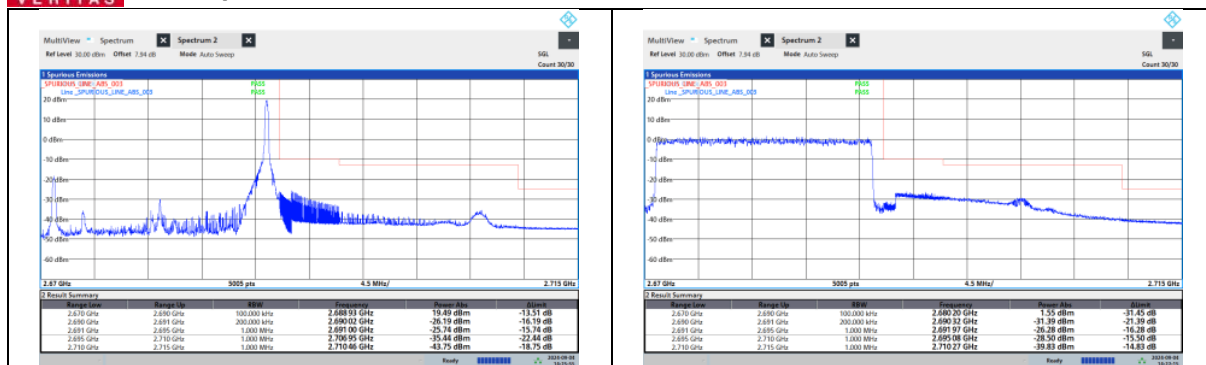






BUREAU
VERITAS

Test Report No.: PSU-NQN2407300216RF03



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	5MHz	64QAM	39675	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	5MHz	64QAM	40620	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	5MHz	64QAM	41565	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	10MHz	64QAM	39700	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	10MHz	64QAM	40620	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	10MHz	64QAM	41540	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	15MHz	64QAM	39725	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	15MHz	64QAM	40620	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	15MHz	64QAM	41515	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	20MHz	64QAM	39750	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	20MHz	64QAM	40620	1RB#0	Range:30~26900MHz	See Graph	PASS
Band41	20MHz	64QAM	41490	1RB#0	Range:30~26900MHz	See Graph	PASS

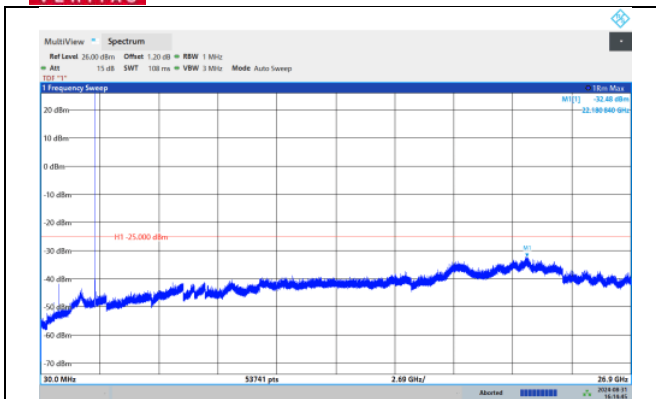
Test Graphs

Band41-5MHz-QPSK-39675-1RB#0- Range:30~26900MHz	Band41-5MHz-QPSK-40620-1RB#0- Range:30~26900MHz
--	--

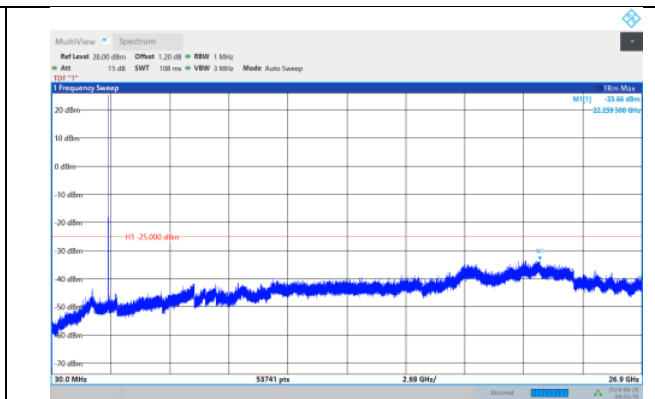


**BUREAU
VERITAS**

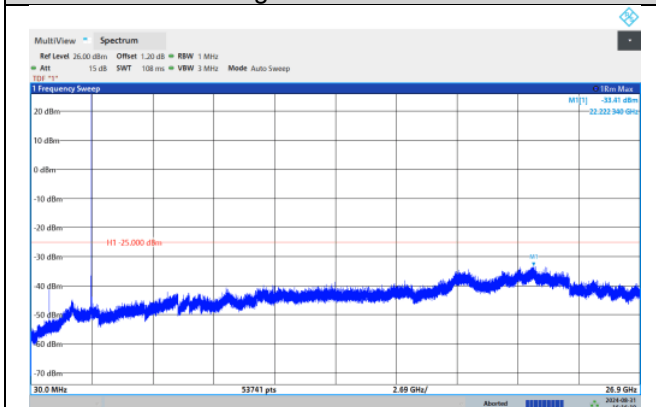
Test Report No.: PSU-NQN2407300216RF03



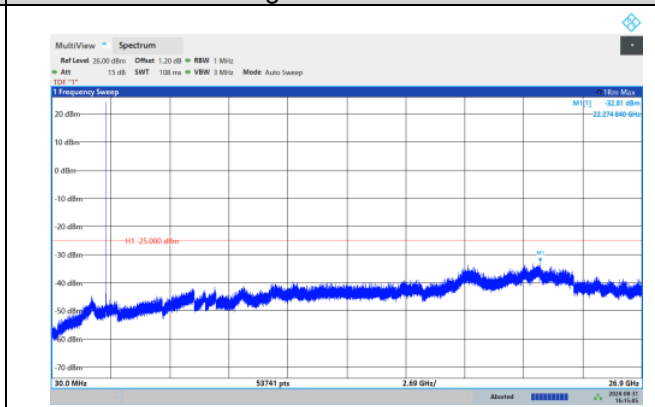
**Band41-5MHz-QPSK-41565-1RB#0-
Range:30~26900MHz**



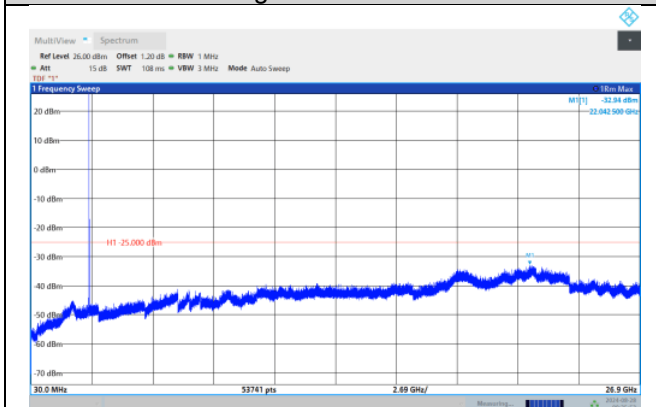
**Band41-5MHz-16QAM-39675-1RB#0-
Range:30~26900MHz**



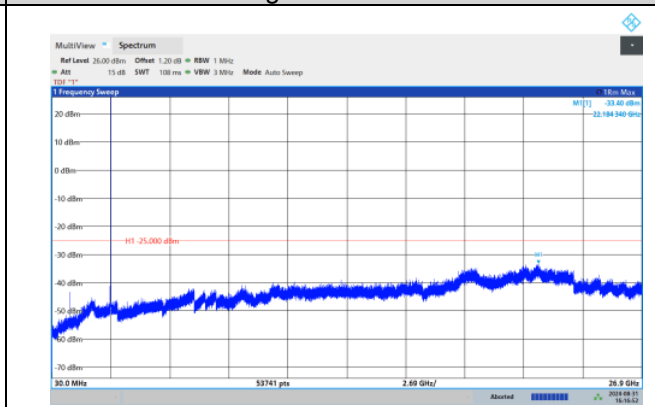
**Band41-5MHz-16QAM-40620-1RB#0-
Range:30~26900MHz**



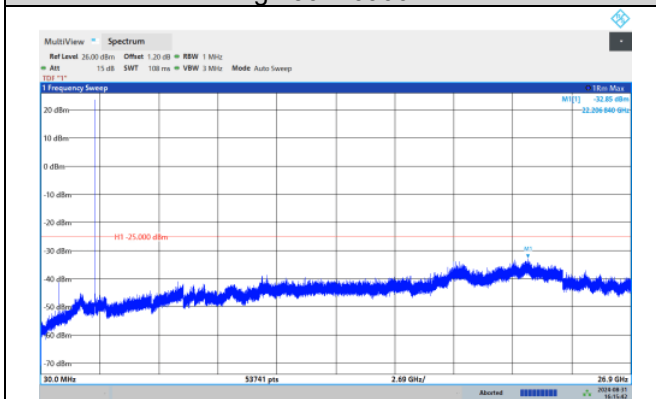
**Band41-5MHz-16QAM-41565-1RB#0-
Range:30~26900MHz**



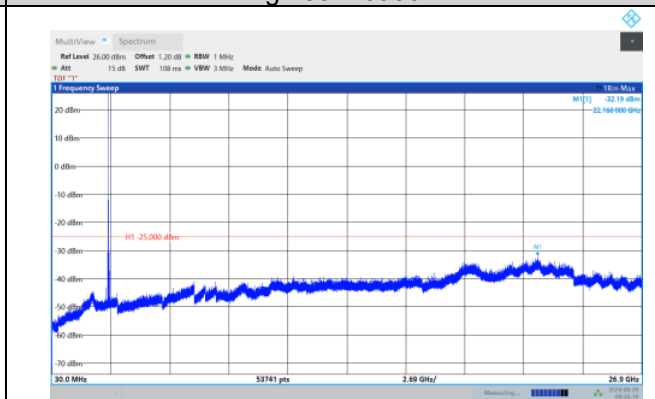
**Band41-5MHz-64QAM-39675-1RB#0-
Range:30~26900MHz**



**Band41-5MHz-64QAM-40620-1RB#0-
Range:30~26900MHz**



**Band41-5MHz-64QAM-41565-1RB#0-
Range:30~26900MHz**



**Band41-10MHz-QPSK-39700-1RB#0-
Range:30~26900MHz**

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:

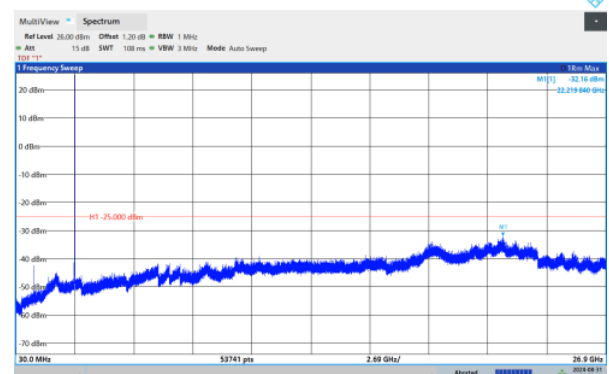
customerservice.sw@bureauveritas.com



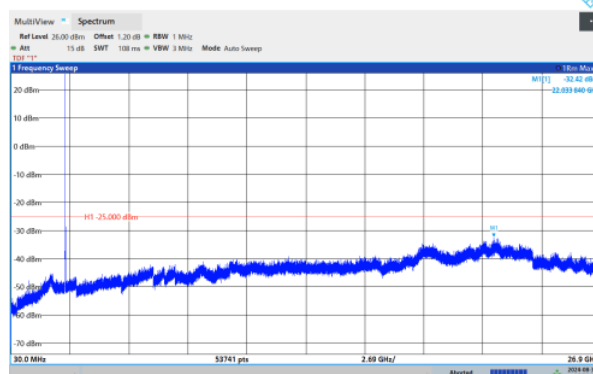
BUREAU
VERITAS

Test Report No.: PSU-NQN2407300216RF03

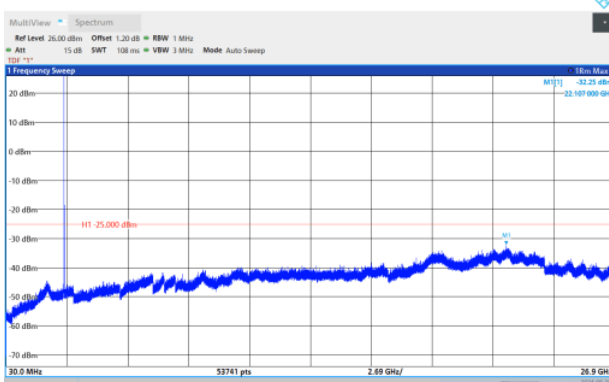
Range:30~26900MHz



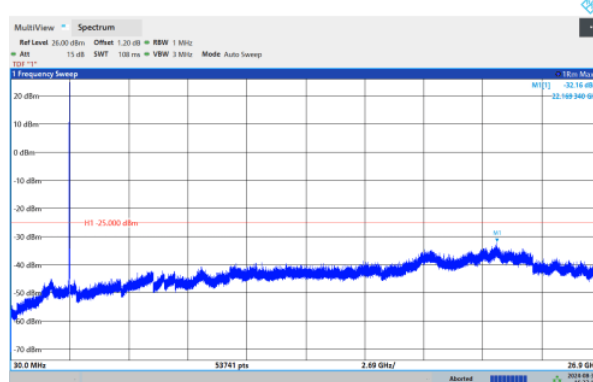
Range:30~26900MHz



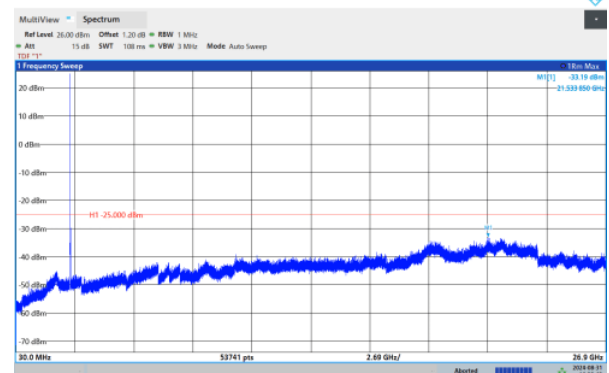
Band41-10MHz-QPSK-40620-1RB#0-
Range:30~26900MHz



Band41-10MHz-QPSK-41540-1RB#0-
Range:30~26900MHz



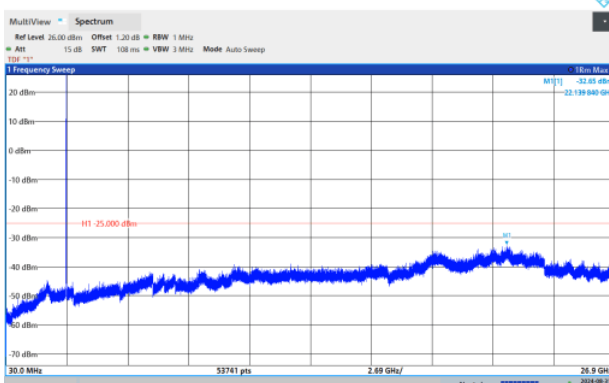
Band41-10MHz-16QAM-39700-1RB#0-
Range:30~26900MHz



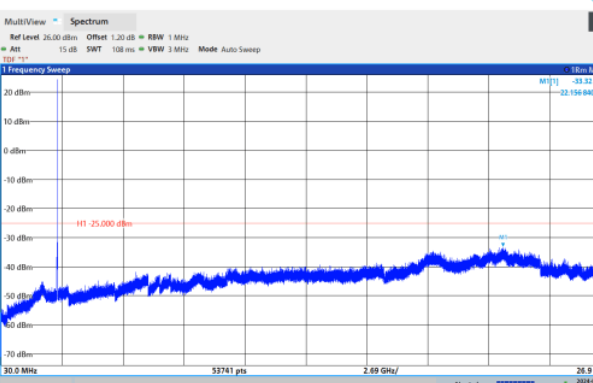
Band41-10MHz-16QAM-40620-1RB#0-
Range:30~26900MHz



Band41-10MHz-16QAM-41540-1RB#0-
Range:30~26900MHz



Band41-10MHz-64QAM-39700-1RB#0-
Range:30~26900MHz



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

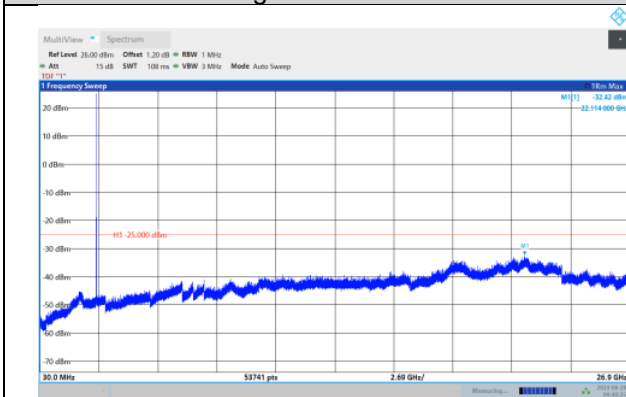
Room B37, Warehouse A5, No.3 Chiwan
4th Road, Zhaoshang Street, Nanshan
District Shenzhen, Guangdong, People's
Republic of China

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

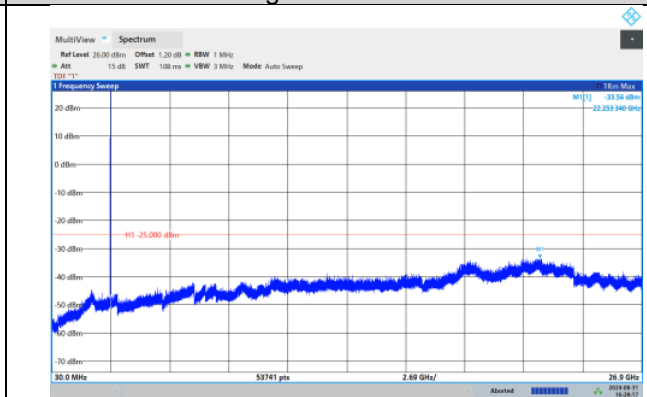
customerservice.sw@bureauveritas.com



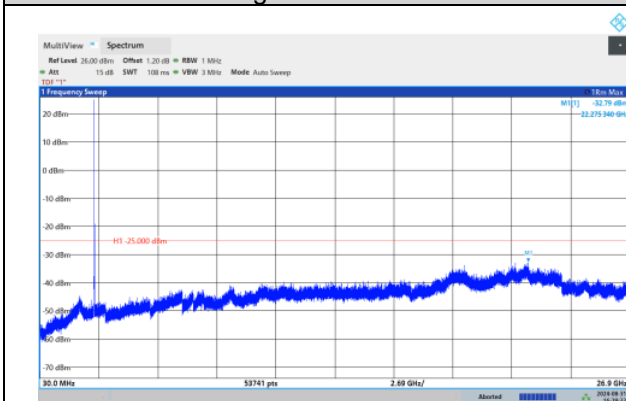
Band41-10MHz-64QAM-40620-1RB#0-
Range:30~26900MHz



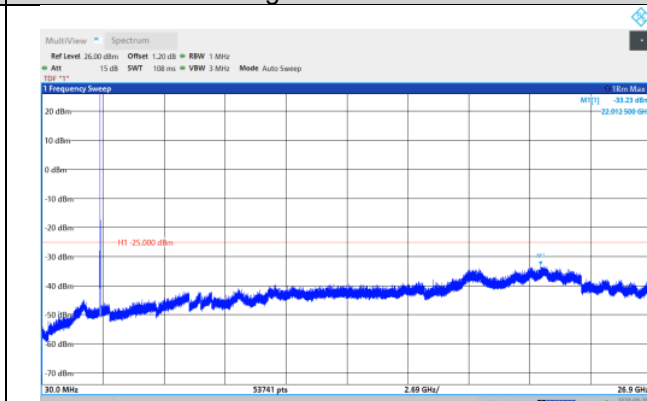
Band41-10MHz-64QAM-41540-1RB#0-
Range:30~26900MHz



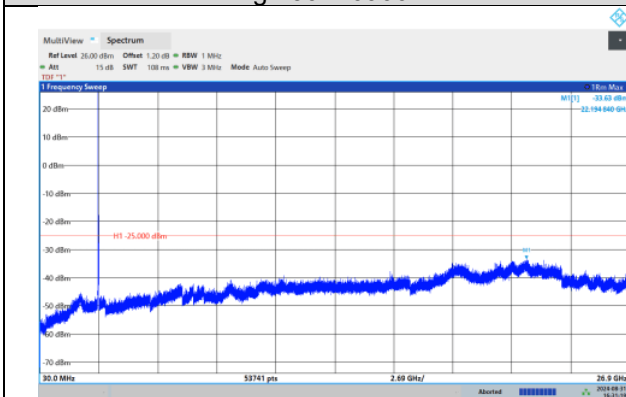
Band41-15MHz-QPSK-39725-1RB#0-
Range:30~26900MHz



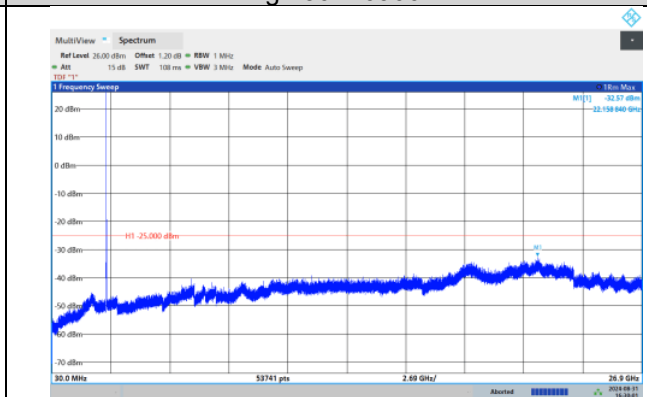
Band41-15MHz-QPSK-40620-1RB#0-
Range:30~26900MHz



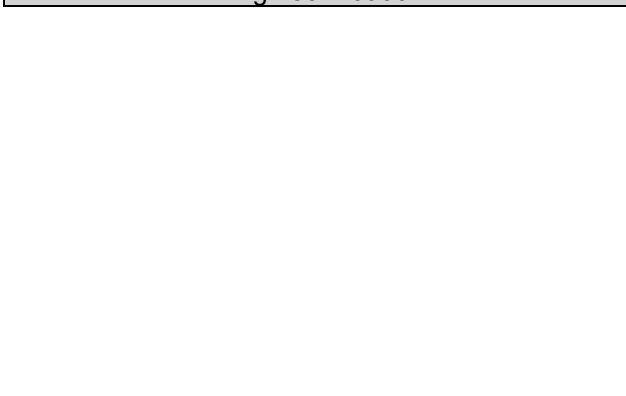
Band41-15MHz-QPSK-41515-1RB#0-
Range:30~26900MHz



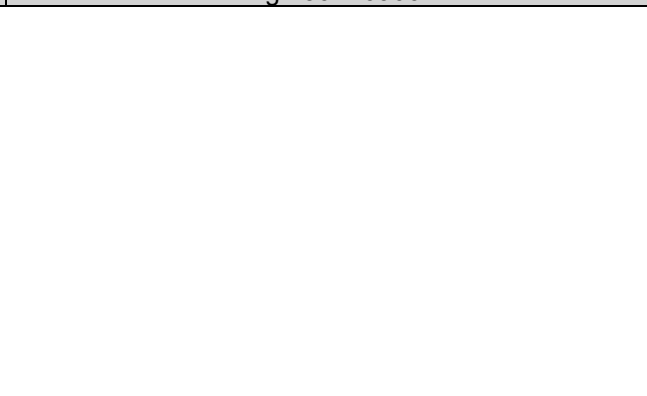
Band41-15MHz-16QAM-39725-1RB#0-
Range:30~26900MHz



Band41-15MHz-16QAM-40620-1RB#0-
Range:30~26900MHz



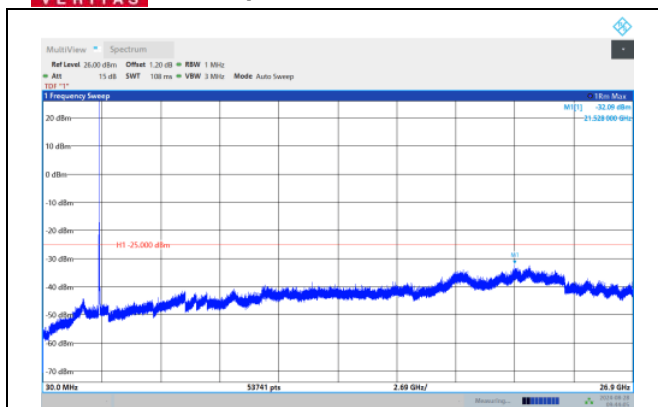
Band41-15MHz-16QAM-41515-1RB#0-
Range:30~26900MHz



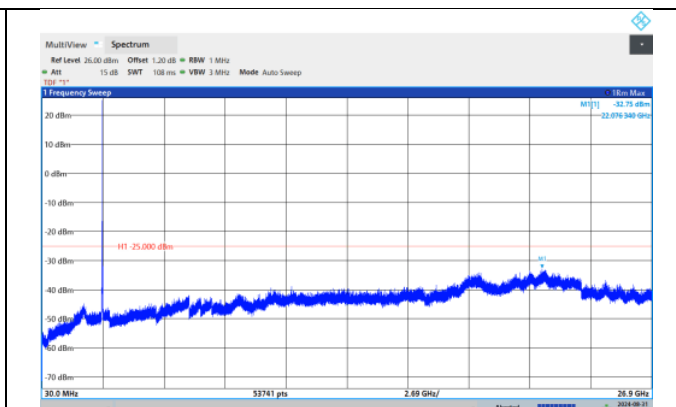


**BUREAU
VERITAS**

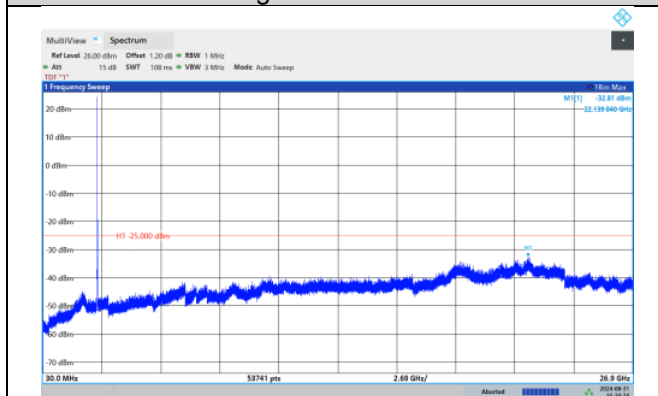
Test Report No.: PSU-NQN2407300216RF03



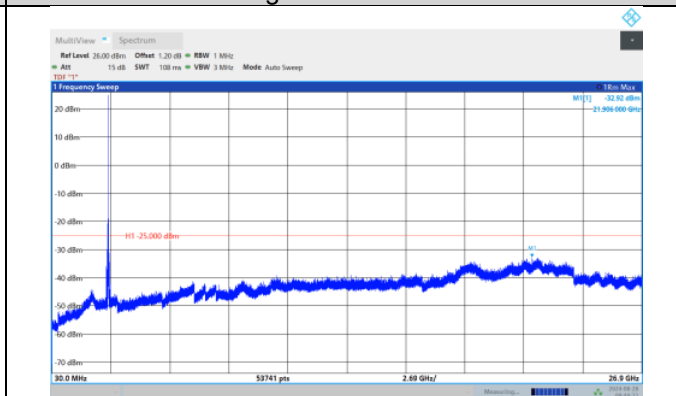
**Band41-15MHz-64QAM-39725-1RB#0-
Range:30~26900MHz**



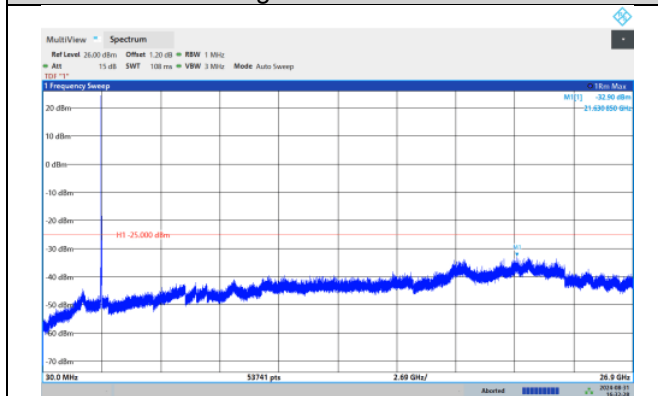
**Band41-15MHz-64QAM-40620-1RB#0-
Range:30~26900MHz**



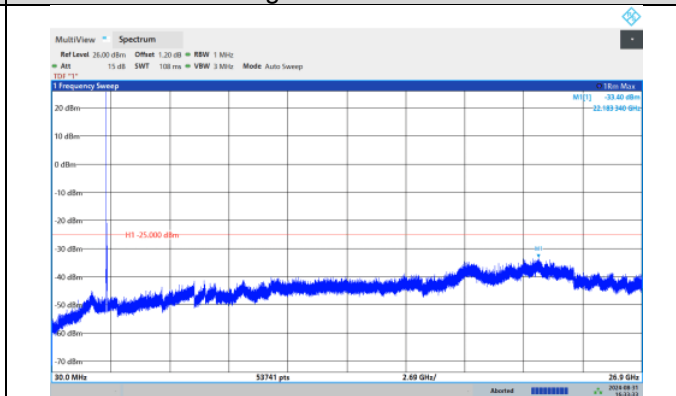
**Band41-15MHz-64QAM-41515-1RB#0-
Range:30~26900MHz**



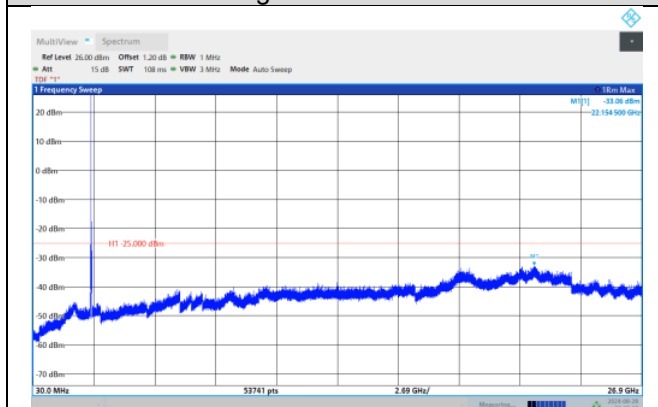
**Band41-20MHz-QPSK-39750-1RB#0-
Range:30~26900MHz**



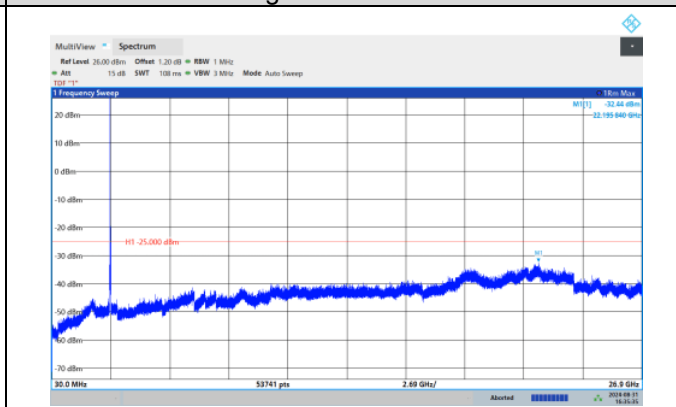
**Band41-20MHz-QPSK-40620-1RB#0-
Range:30~26900MHz**



**Band41-20MHz-QPSK-41490-1RB#0-
Range:30~26900MHz**



Band41-20MHz-16QAM-39750-1RB#0-



Band41-20MHz-16QAM-40620-1RB#0-

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

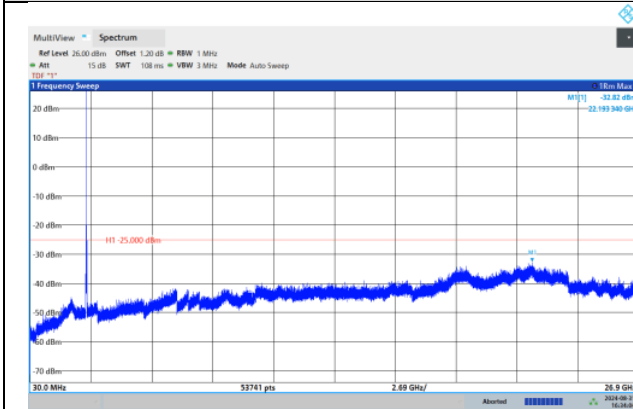
Email:
customerservice.sw@bureauveritas.com



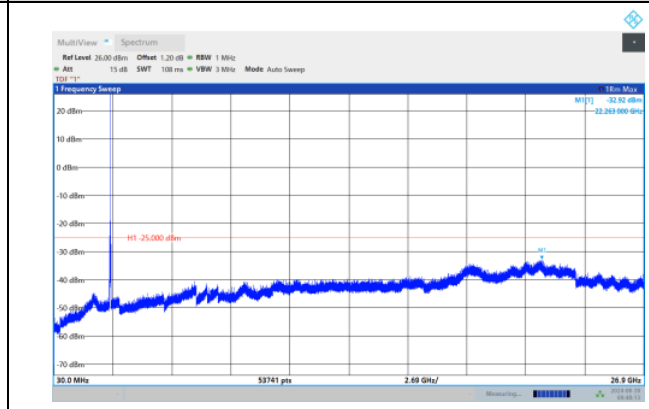
BUREAU
VERITAS

Test Report No.: PSU-NQN2407300216RF03

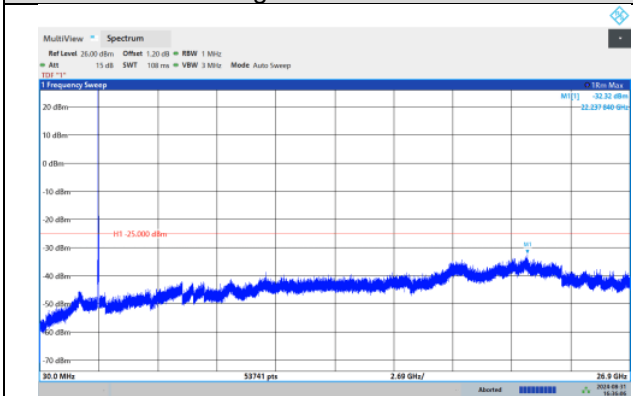
Range:30~26900MHz



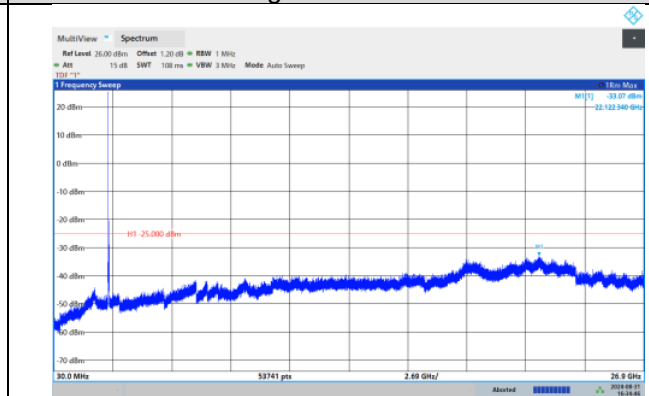
Range:30~26900MHz



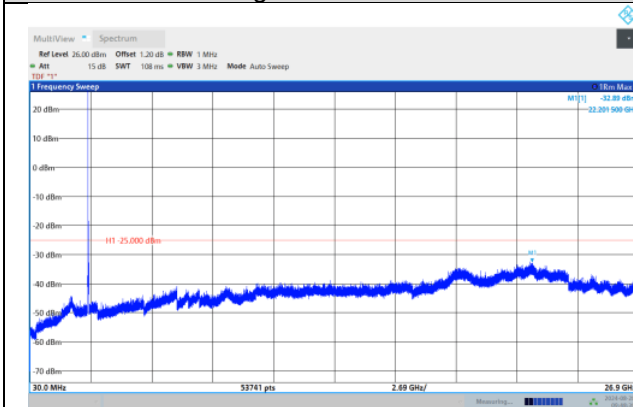
Band41-20MHz-16QAM-41490-1RB#0-
Range:30~26900MHz



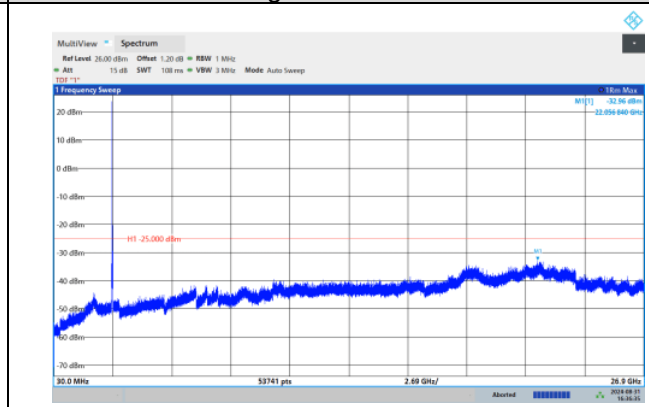
Band41-20MHz-64QAM-39750-1RB#0-
Range:30~26900MHz



Band41-20MHz-64QAM-40620-1RB#0-
Range:30~26900MHz



Band41-20MHz-64QAM-41490-1RB#0-
Range:30~26900MHz





BUREAU VERITAS Test Report No.: PSU-NQN2407300216RF03

FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	LV	NT	-6.65	-0.0027	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	NT	28.72	0.0115	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	HV	NT	-25.23	-0.0101	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	LV	NT	34.06	0.0131	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	NT	34.65	0.0134	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	HV	NT	-12.38	-0.0048	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	LV	NT	9.24	0.0034	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	NT	3.83	0.0014	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	HV	NT	-17.11	-0.0064	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	NV	-30	-12.46	-0.0050	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-20	-14.80	-0.0059	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-10	21.29	0.0085	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	30.36	0.0121	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	-16.61	-0.0066	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	25.44	0.0102	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	-34.76	-0.0139	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	25.80	0.0103	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	-21.07	-0.0084	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	-22.61	-0.0087	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	-9.40	-0.0036	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	16.09	0.0062	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	14.76	0.0057	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	14.87	0.0057	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	34.63	0.0134	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	-17.72	-0.0068	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	-19.00	-0.0073	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	-7.51	-0.0029	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	15.96	0.0060	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	14.47	0.0054	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-10	22.54	0.0084	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	1.02	0.0004	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	8.93	0.0033	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	-12.74	-0.0048	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	0.57	0.0002	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	-22.93	-0.0086	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	-14.33	-0.0053	±2.5	PASS



MAX Deviation calculation

Frequency Stability	Frequency (MHz)	Limit Line(MHz)	Result
$f_L - \text{MAX}(\Delta f) $	2497.045465	≥ 2496	PASS
$f_H + \text{MAX}(\Delta f) $	2688.954535	≤ 2690	

- Note: 1. $|\text{MAX}(\Delta f)|$ = Max Deviation
 2. f_L = Occ low channel f_L (-13dBm/MHz)
 3. f_H = Occ High channel f_H (-13dBm/MHz)
 4. $|\text{MAX}(\Delta f)|$ = 34.76Hz.

LTE BAND7C

26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
7-7	10MHz-20MHz	QPSK-QPSK	20850-20949	50RB#0-100RB#0	27.808	29.40	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21006-21150	50RB#0-100RB#0	27.864	29.22	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21206-21350	50RB#0-100RB#0	27.897	29.31	PASS
7-7	10MHz-20MHz	16QAM-16QAM	20850-20949	50RB#0-100RB#0	27.716	29.40	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21006-21150	50RB#0-100RB#0	27.802	29.22	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21206-21350	50RB#0-100RB#0	27.824	29.31	PASS
7-7	10MHz-20MHz	64QAM-64QAM	20850-20949	50RB#0-100RB#0	27.773	29.22	PASS
7-7	10MHz-20MHz	64QAM-64QAM	21006-21150	50RB#0-100RB#0	27.815	29.22	PASS
7-7	10MHz-20MHz	64QAM-64QAM	21206-21350	50RB#0-100RB#0	27.836	29.31	PASS
7-7	15MHz-10MHz	QPSK-QPSK	20825-20945	75RB#0-50RB#0	23.295	24.73	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21051-21171	75RB#0-50RB#0	23.323	24.88	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21277-21397	75RB#0-50RB#0	23.305	24.73	PASS
7-7	15MHz-10MHz	16QAM-16QAM	20825-20945	75RB#0-50RB#0	23.251	24.57	PASS



7-7	15MHz-10MHz	16QAM-16QAM	21051-21171	75RB#0-50RB#0	23.276	24.73	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21277-21397	75RB#0-50RB#0	23.274	24.65	PASS
7-7	15MHz-10MHz	64QAM-64QAM	20825-20945	75RB#0-50RB#0	23.218	24.73	PASS
7-7	15MHz-10MHz	64QAM-64QAM	21051-21171	75RB#0-50RB#0	23.243	24.80	PASS
7-7	15MHz-10MHz	64QAM-64QAM	21277-21397	75RB#0-50RB#0	23.252	24.73	PASS
7-7	15MHz-15MHz	QPSK-QPSK	20825-20975	75RB#0-75RB#0	28.358	30.03	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21025-21175	5RB#0-75RB#0	28.445	30.12	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21225-21375	5RB#0-75RB#0	28.420	30.12	PASS
7-7	15MHz-15MHz	16QAM-16QAM	20825-20975	5RB#0-75RB#0	28.398	30.12	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21025-21175	5RB#0-75RB#0	28.395	30.12	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21225-21375	5RB#0-75RB#0	28.416	30.03	PASS
7-7	15MHz-15MHz	64QAM-64QAM	20825-20975	5RB#0-75RB#0	28.327	29.94	PASS
7-7	15MHz-15MHz	64QAM-64QAM	21025-21175	5RB#0-75RB#0	28.368	29.94	PASS
7-7	15MHz-15MHz	64QAM-64QAM	21225-21375	5RB#0-75RB#0	28.368	30.12	PASS
7-7	15MHz-20MHz	QPSK-QPSK	20825-20945	75RB#0-100RB#0	32.673	34.51	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21051-21171	75RB#0-100RB#0	32.688	34.41	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21277-21397	75RB#0-100RB#0	32.687	34.41	PASS
7-7	15MHz-20MHz	16QAM-16QAM	20825-20945	75RB#0-100RB#0	32.607	34.30	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21051-21171	75RB#0-100RB#0	32.699	34.51	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21277-21397	75RB#0-100RB#0	32.694	34.62	PASS
7-7	15MHz-20MHz	64QAM-64QAM	20825-20945	75RB#0-100RB#0	32.633	34.41	PASS
7-7	15MHz-20MHz	64QAM-64QAM	21051-21171	75RB#0-100RB#0	32.639	34.51	PASS
7-7	15MHz-20MHz	64QAM-64QAM	21277-21397	75RB#0-100RB#0	32.655	34.51	PASS
7-7	20MHz-10MHz	QPSK-QPSK	20850-20994	100RB#0-50RB#0	27.811	29.40	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21051-21395	100RB#0-50RB#0	27.868	29.49	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21251-21395	100RB#0-50RB#0	27.845	29.31	PASS
7-7	20MHz-10MHz	16QAM-16QAM	20850-20994	100RB#0-50RB#0	27.831	29.22	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21051-21395	100RB#0-50RB#0	27.894	29.40	PASS

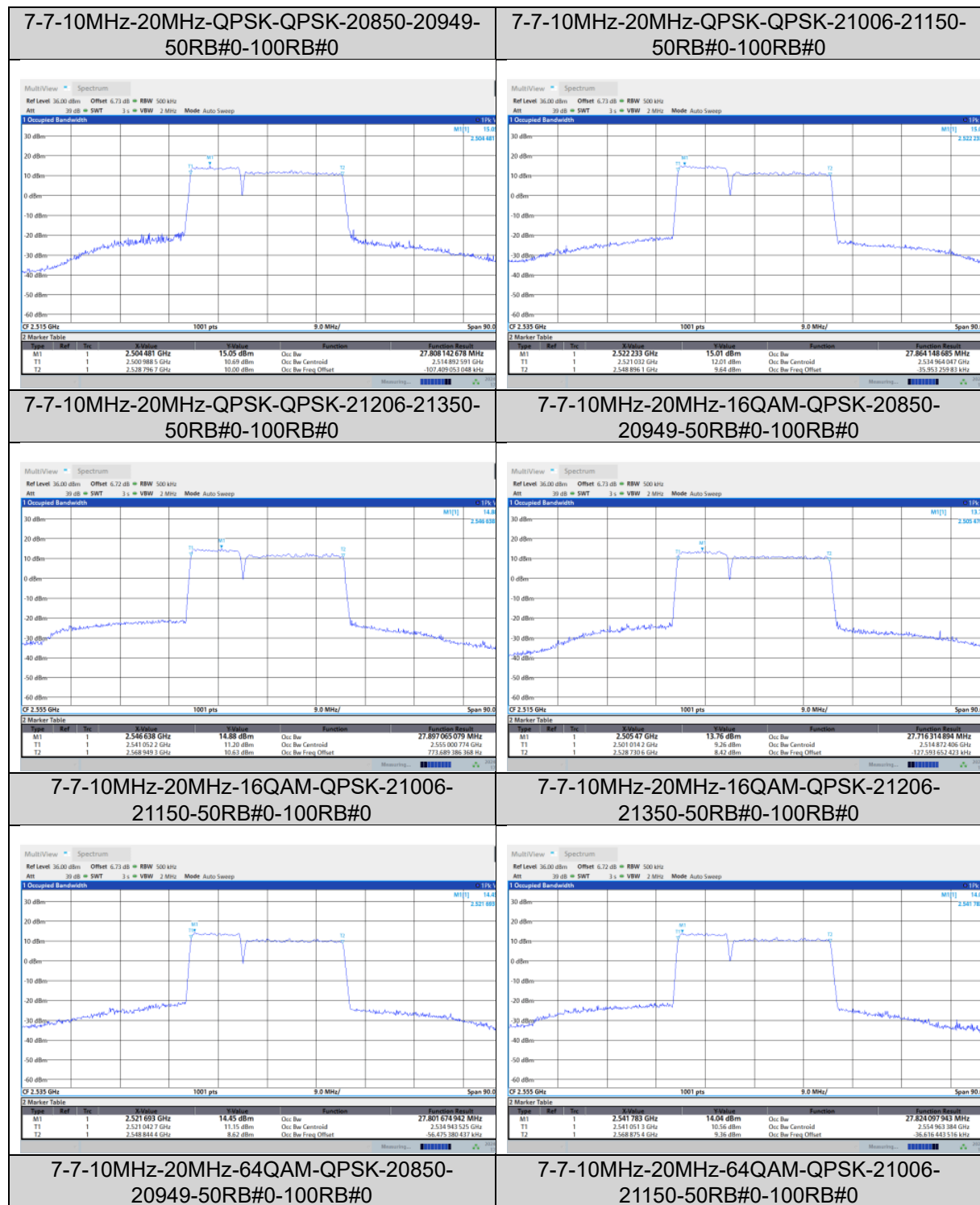

BUREAU VERITAS Test Report No.: PSU-NQN2407300216RF03

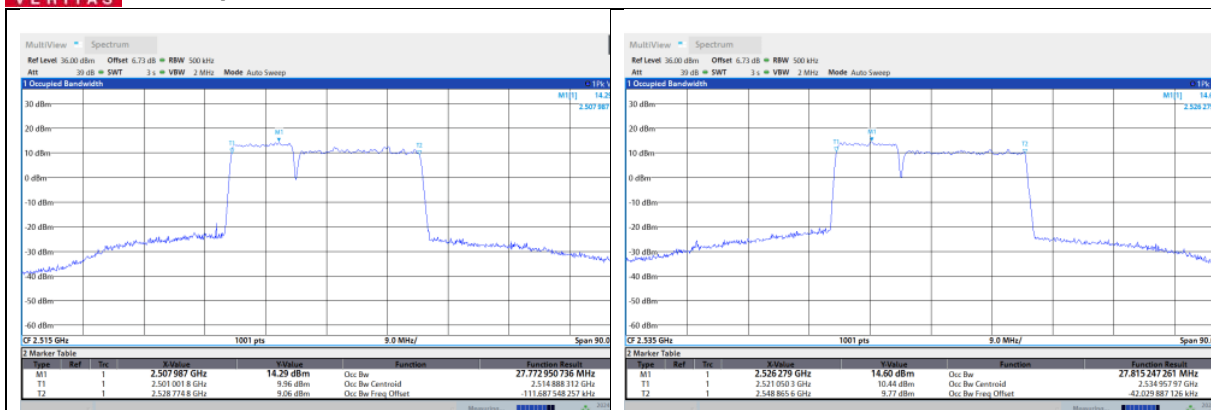
7-7	20MHz-10MHz	16QAM-16QAM	21251-21395	100RB#0-50RB#0	27.866	29.40	PASS
7-7	20MHz-10MHz	64QAM-64QAM	20850-20994	100RB#0-50RB#0	27.795	29.31	PASS
7-7	20MHz-10MHz	64QAM-64QAM	21051-21395	100RB#0-50RB#0	27.874	29.31	PASS
7-7	20MHz-10MHz	64QAM-64QAM	21251-21395	100RB#0-50RB#0	27.842	29.40	PASS
7-7	20MHz-15MHz	QPSK-QPSK	20850-21021	100RB#0-75RB#0	32.635	34.41	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21026-21197	100RB#0-75RB#0	32.771	34.51	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21201-21372	100RB#0-75RB#0	32.747	34.51	PASS
7-7	20MHz-15MHz	16QAM-16QAM	20850-21021	100RB#0-75RB#0	32.647	34.30	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21026-21197	100RB#0-75RB#0	32.744	34.41	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21201-21372	100RB#0-75RB#0	32.763	34.51	PASS
7-7	20MHz-15MHz	64QAM-64QAM	20850-21021	100RB#0-75RB#0	32.685	34.30	PASS
7-7	20MHz-15MHz	64QAM-64QAM	21026-21197	100RB#0-75RB#0	32.721	34.51	PASS
7-7	20MHz-15MHz	64QAM-64QAM	21201-21372	100RB#0-75RB#0	32.710	34.41	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	37.850	39.56	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	37.981	39.44	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	100RB#0-100RB#0	38.014	39.44	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	100RB#0-100RB#0	37.779	39.32	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	37.963	39.32	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	100RB#0-100RB#0	38.000	39.32	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	100RB#0-100RB#0	37.784	39.32	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	37.859	39.32	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	100RB#0-100RB#0	37.871	39.44	PASS



Test Graphs

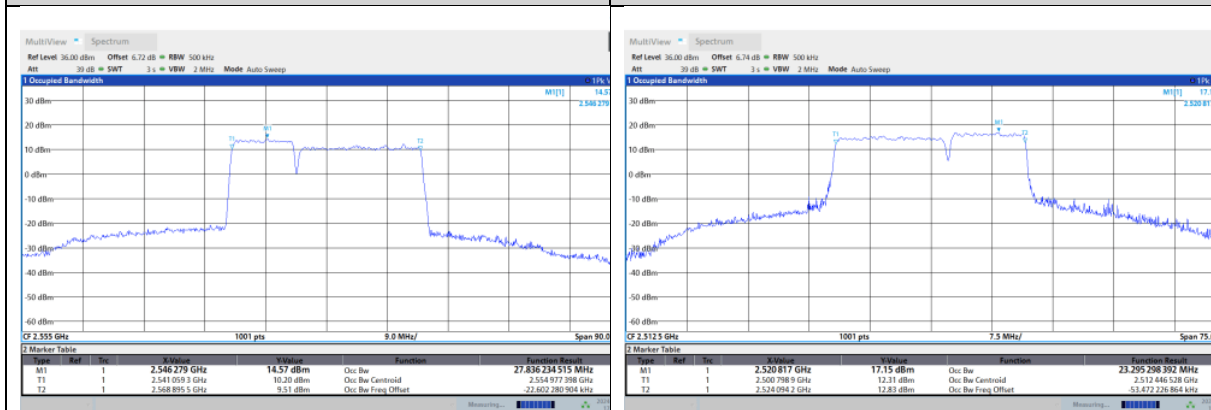
OCCUPIED BANDWIDTH





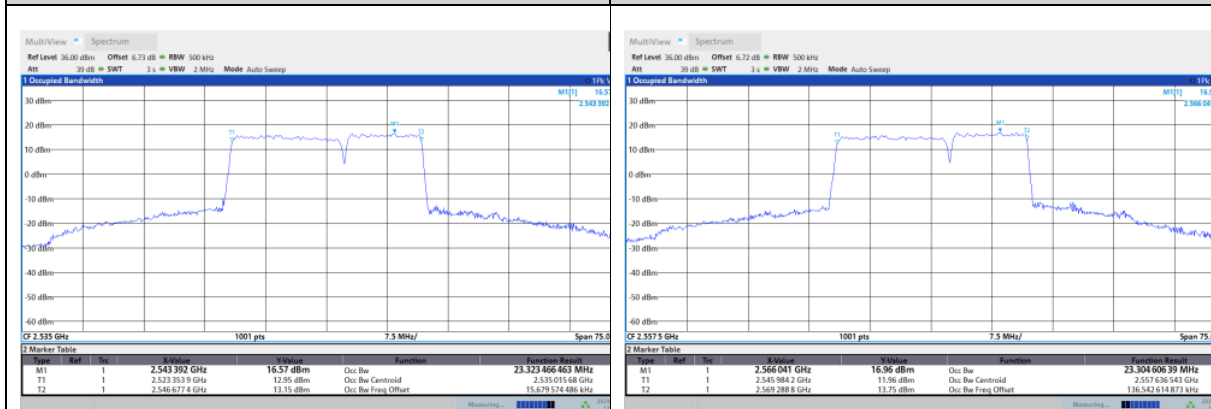
7-7-10MHz-20MHz-64QAM-QPSK-21206-21350-50RB#0-100RB#0

7-7-15MHz-10MHz-QPSK-QPSK-20825-20945-75RB#0-50RB#0



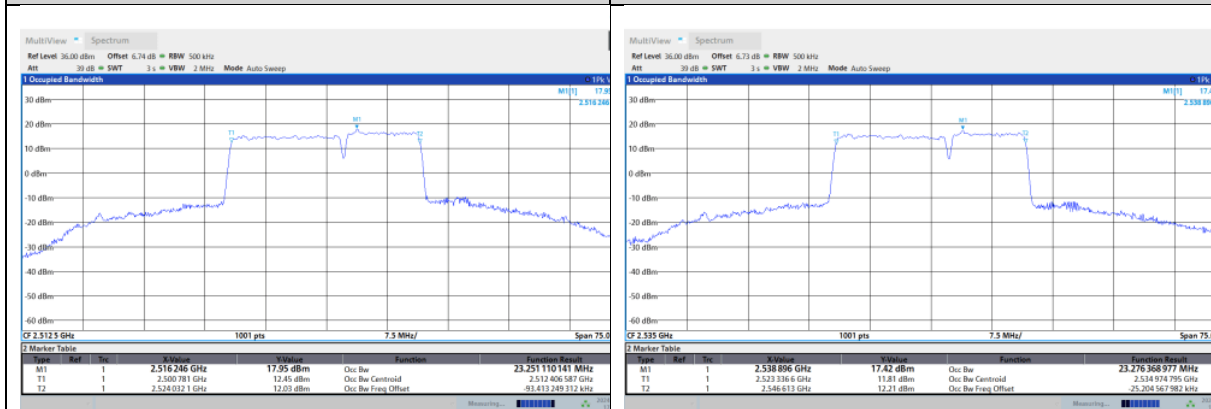
7-7-15MHz-10MHz-QPSK-QPSK-21051-21171-75RB#0-50RB#0

7-7-15MHz-10MHz-QPSK-QPSK-21277-21397-75RB#0-50RB#0



7-7-15MHz-10MHz-16QAM-16QAM-20825-20945-75RB#0-50RB#0

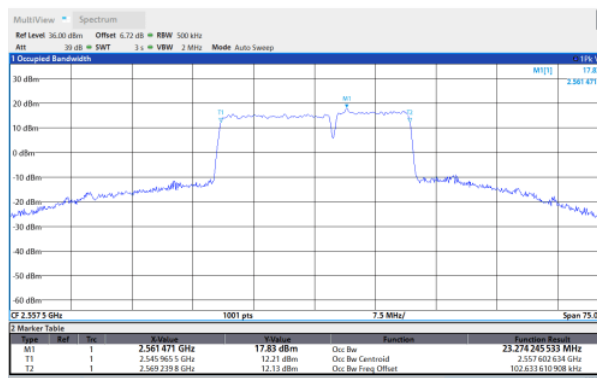
7-7-15MHz-10MHz-16QAM-16QAM-21051-21171-75RB#0-50RB#0



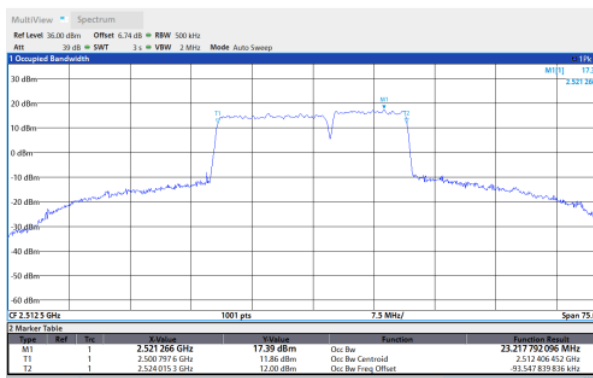


BUREAU VERITAS Test Report No.: PSU-NQN2407300216RF03

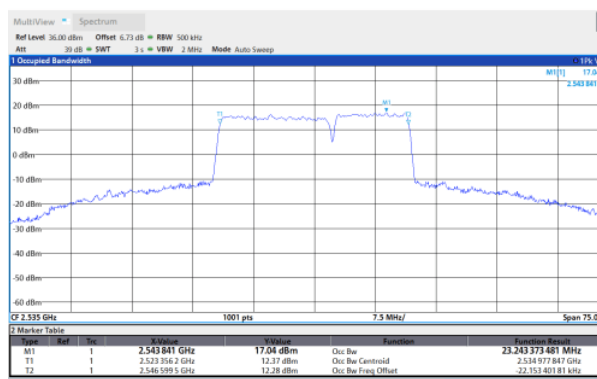
7-7-15MHz-10MHz-16QAM-16QAM-21277-
21397-75RB#0-50RB#0



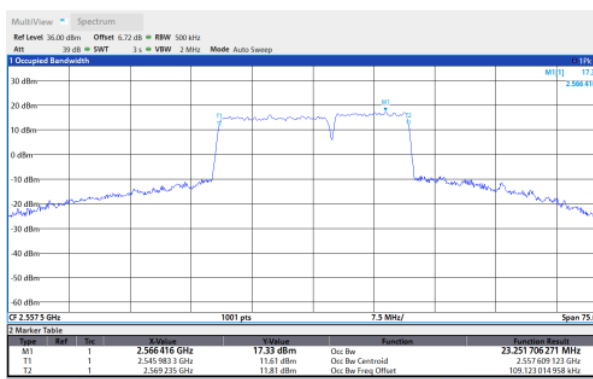
7-7-15MHz-10MHz-64QAM-64QAM-20825-
20945-75RB#0-50RB#0



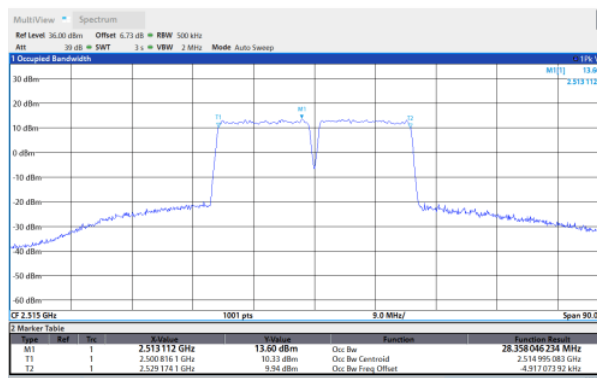
7-7-15MHz-10MHz-64QAM-64QAM-21051-
21171-75RB#0-50RB#0



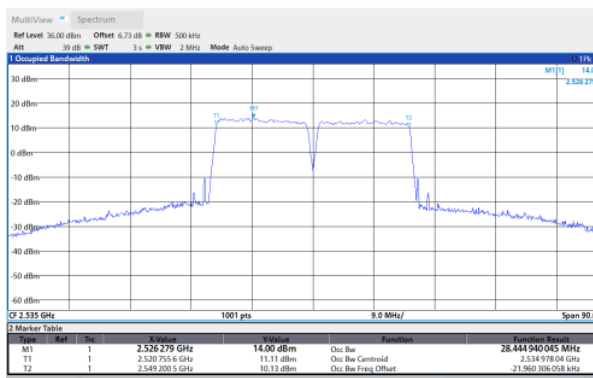
7-7-15MHz-10MHz-64QAM-64QAM-21277-
21397-75RB#0-50RB#00



7-7-15MHz-15MHz-QPSK-QPSK-20825-20975-
75RB#0-75RB#0



7-7-15MHz-15MHz-QPSK-QPSK-21025-21175-
75RB#0-75RB#0



7-7-15MHz-15MHz-QPSK-QPSK-21225-21375-
75RB#0-75RB#0



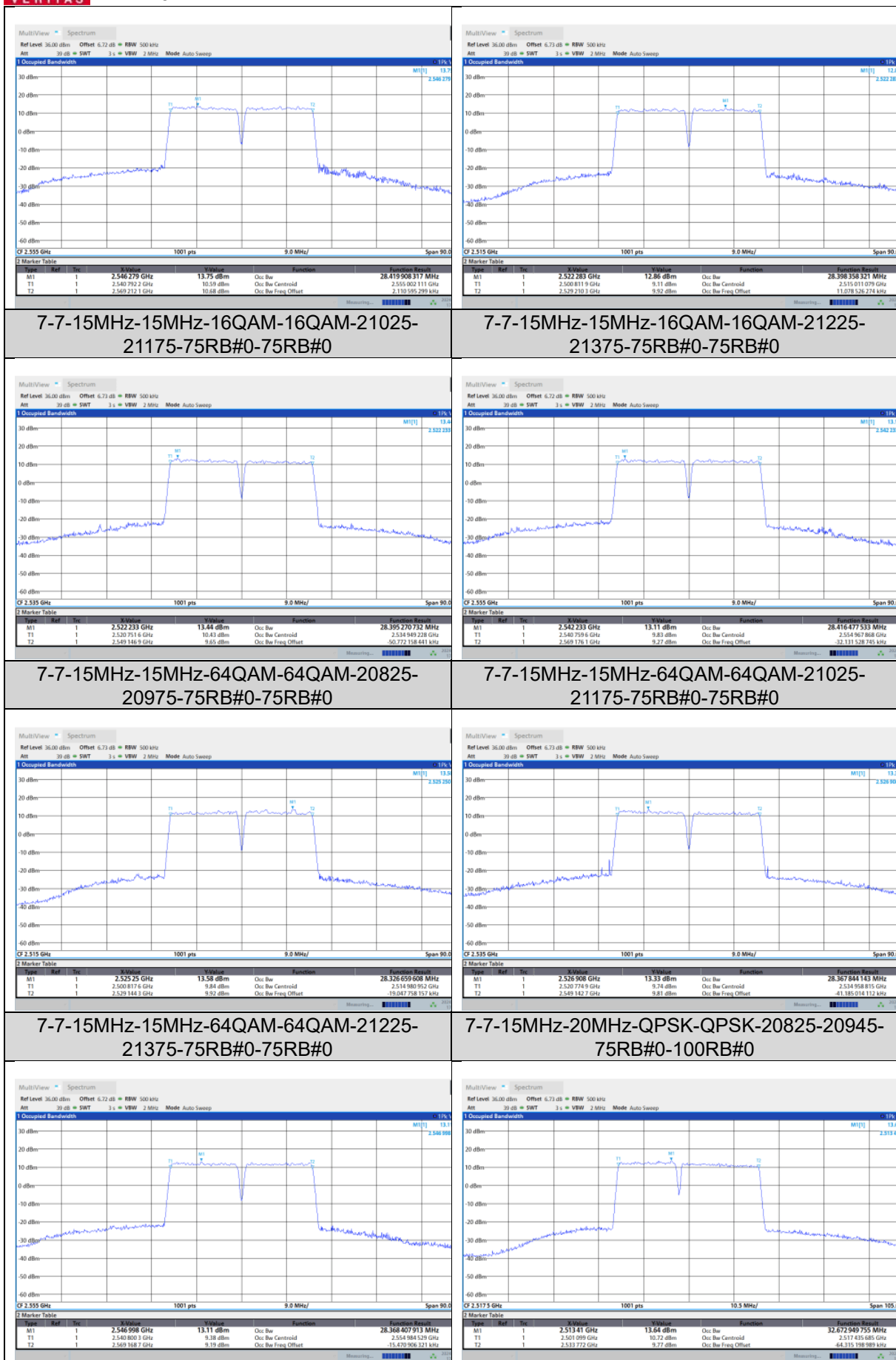
7-7-15MHz-15MHz-16QAM-16QAM-20825-
20975-75RB#0-75RB#0





BUREAU
VERITAS

Test Report No.: PSU-NQN2407300216RF03



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

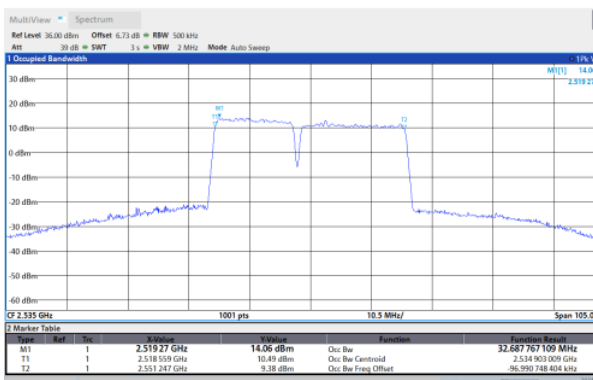
Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email:

customerservice.sw@bureauveritas.com

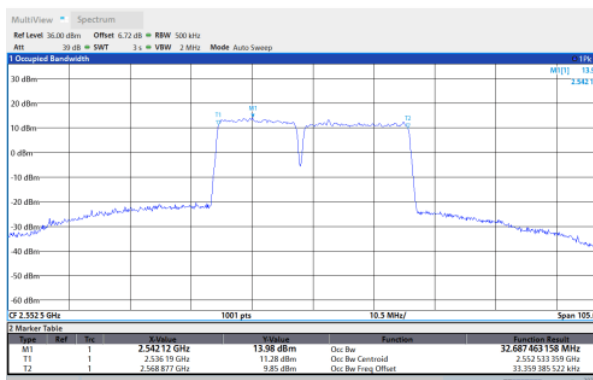


BUREAU VERITAS Test Report No.: PSU-NQN2407300216RF03

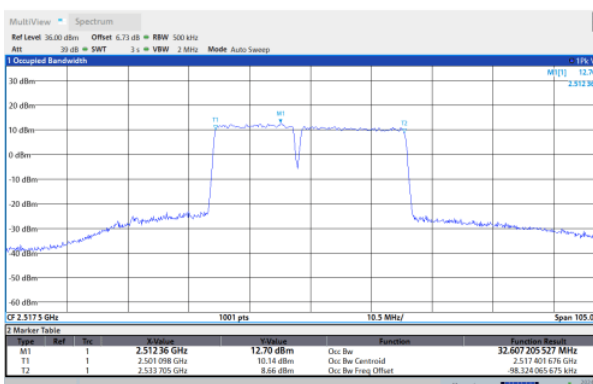
7-7-15MHz-20MHz-QPSK-QPSK-21051-21171-75RB#0-100RB#0



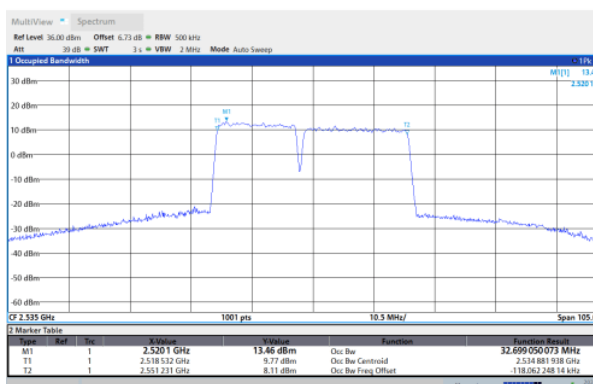
7-7-15MHz-20MHz-QPSK-QPSK-21277-21397-75RB#0-100RB#0



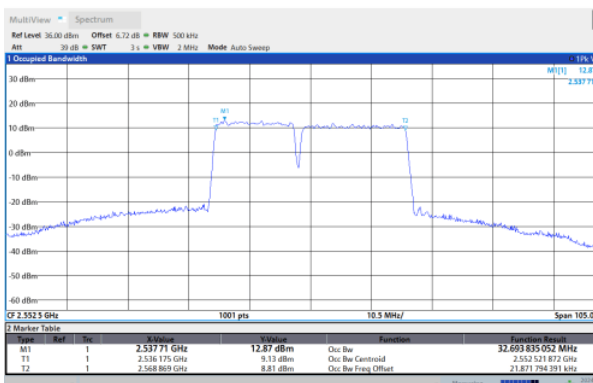
7-7-15MHz-20MHz-16QAM-16QAM-20825-20945-75RB#0-100RB#0



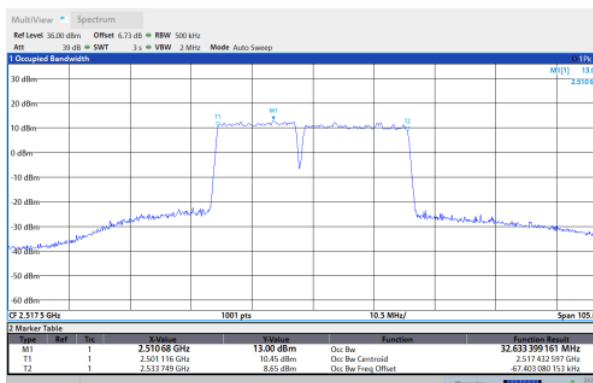
7-7-15MHz-20MHz-16QAM-16QAM-21051-21171-75RB#0-100RB#0



7-7-15MHz-20MHz-16QAM-16QAM-21277-21397-75RB#0-100RB#0

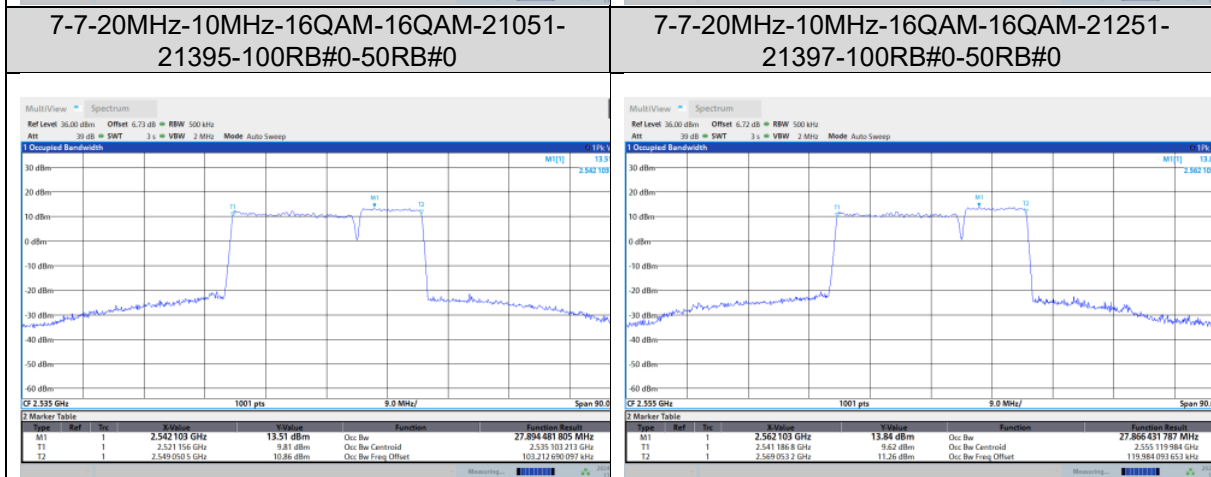
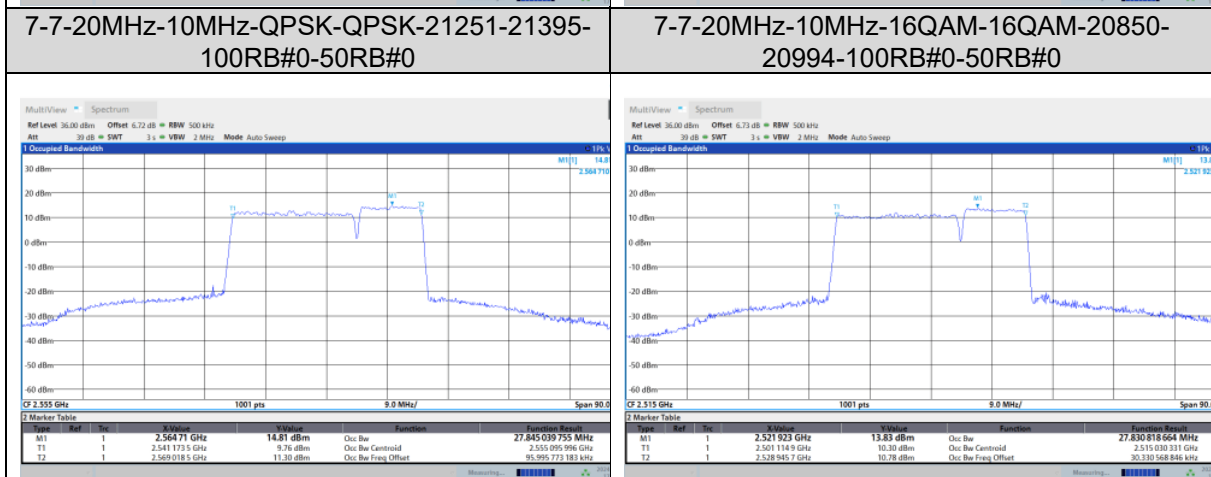
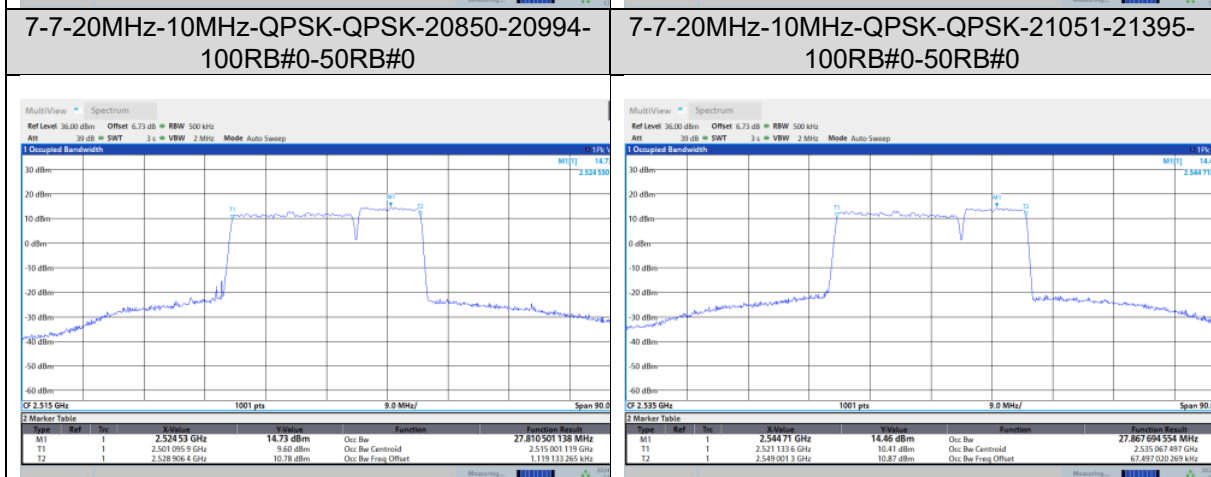
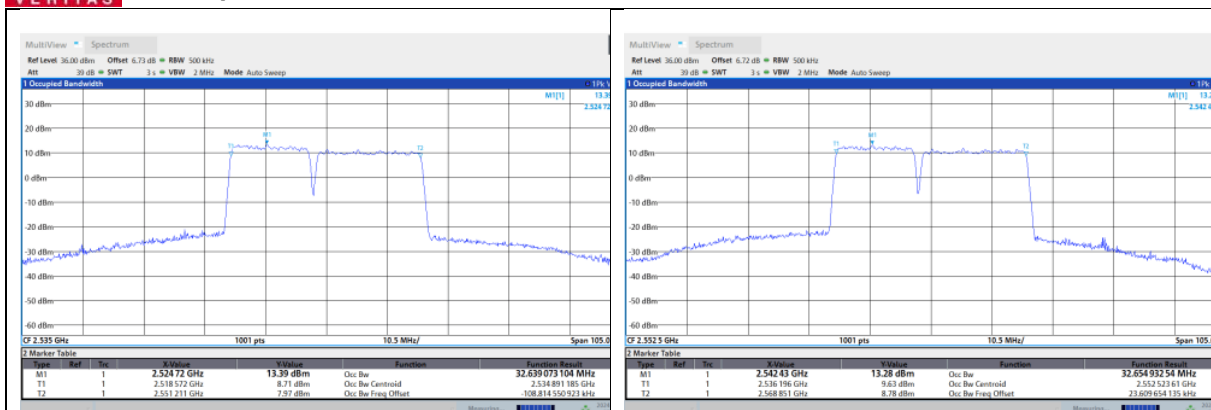


7-7-15MHz-20MHz-64QAM-QPSK-20825-20945-75RB#0-100RB#0



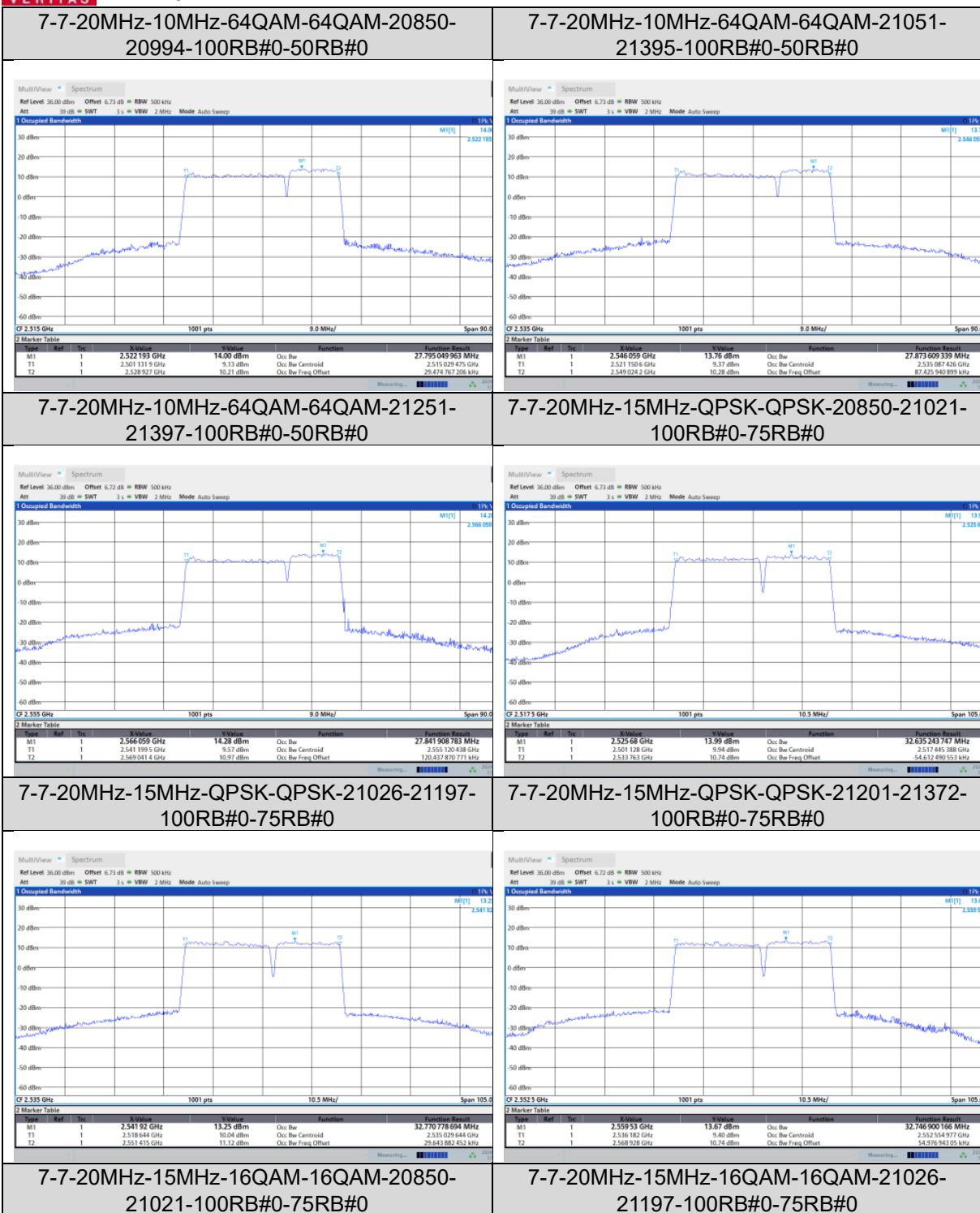
7-7-15MHz-20MHz-64QAM-64QAM-21051-21171-75RB#0-100RB#0

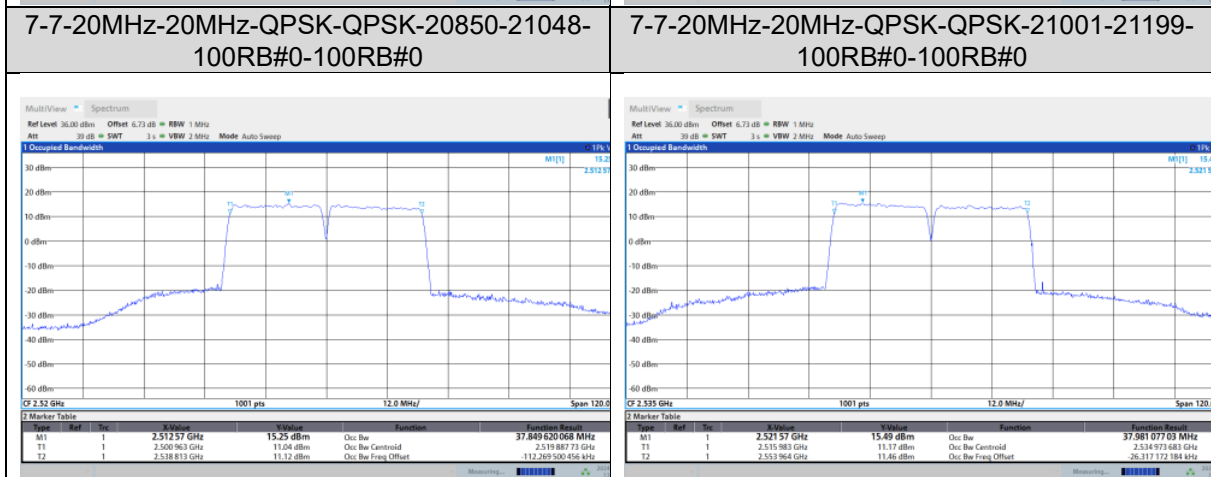
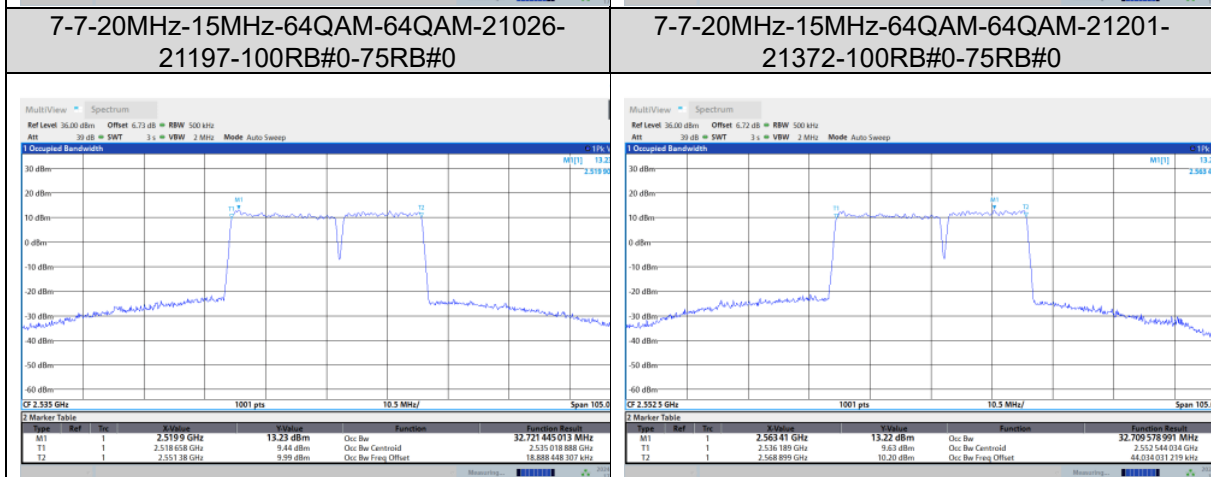
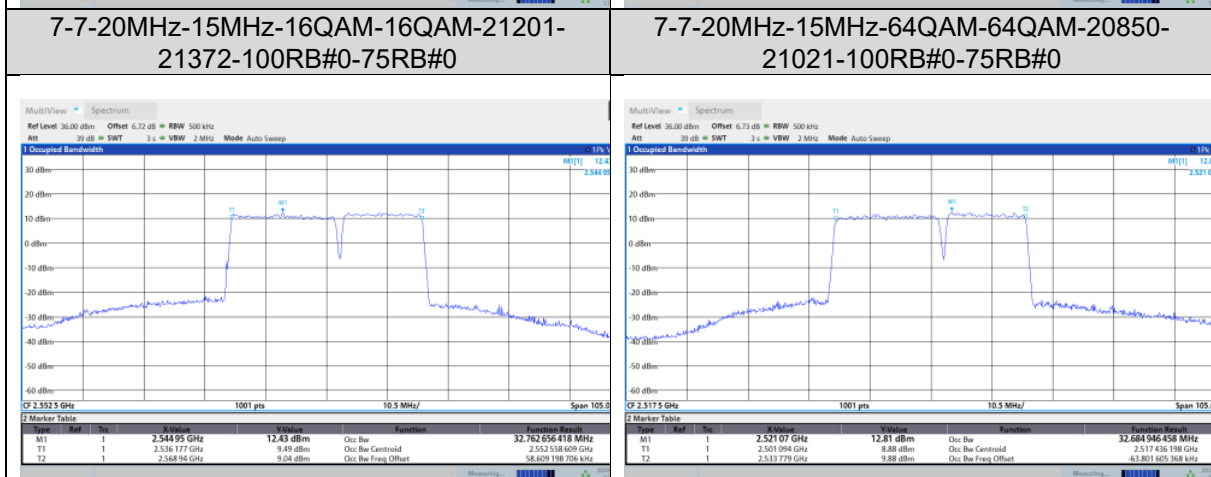
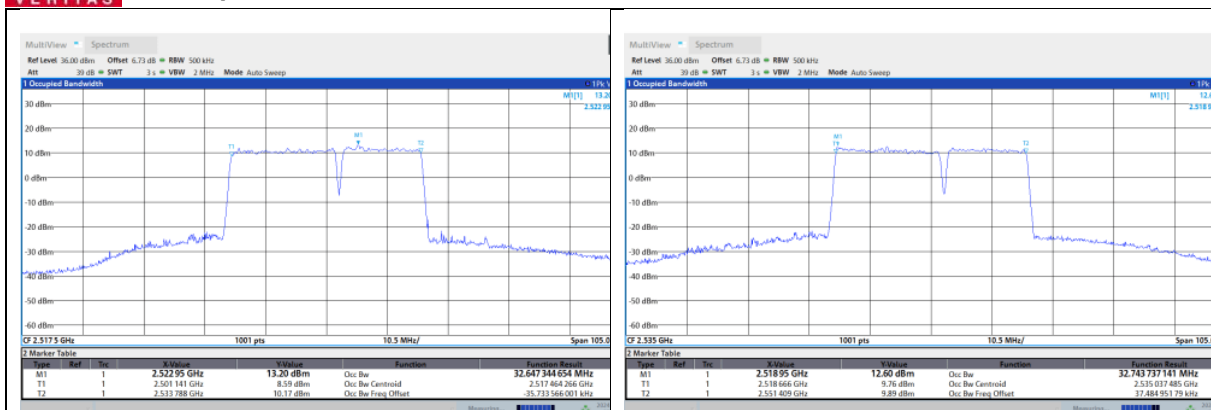
7-7-15MHz-20MHz-64QAM-64QAM-21277-21397-75RB#0-100RB#0





BUREAU VERITAS Test Report No.: PSU-NQN2407300216RF03

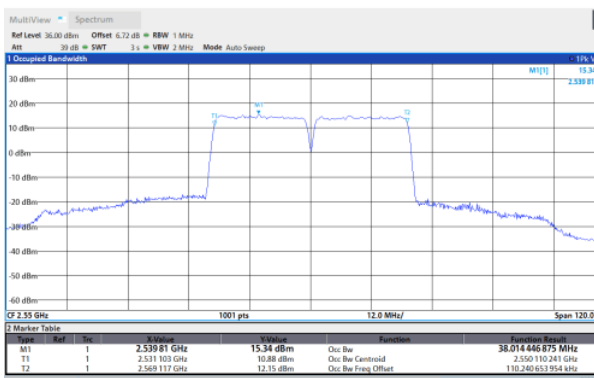




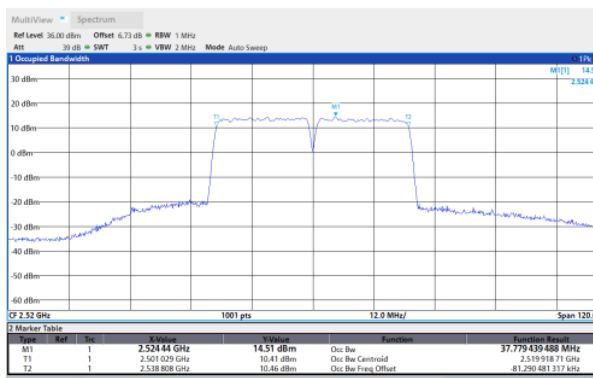


BUREAU VERITAS Test Report No.: PSU-NQN2407300216RF03

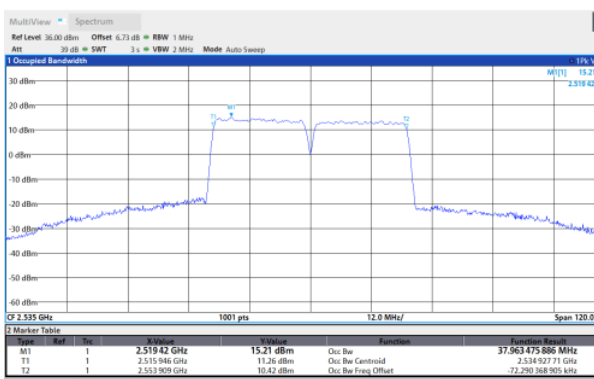
7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-100RB#0-100RB#0



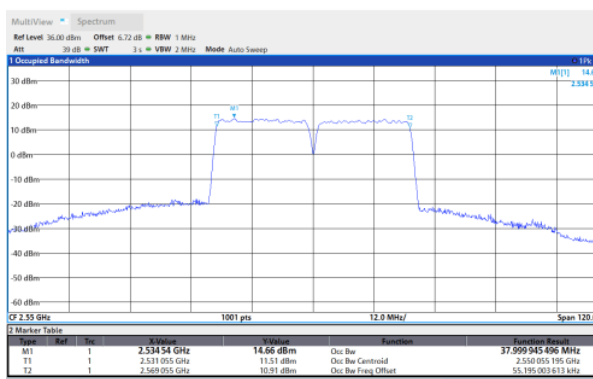
7-7-20MHz-20MHz-16QAM-16QAM-20850-21048-100RB#0-100RB#0



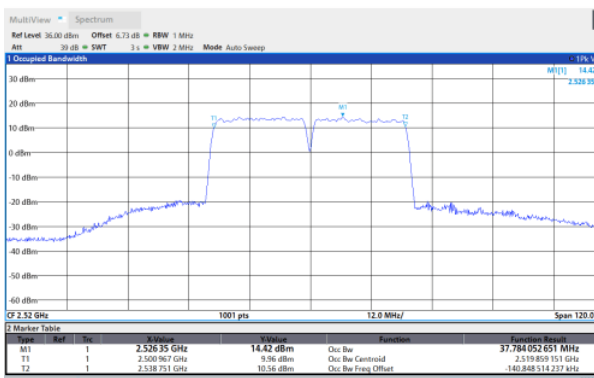
7-7-20MHz-20MHz-16QAM-16QAM-21001-21199-100RB#0-100RB#0



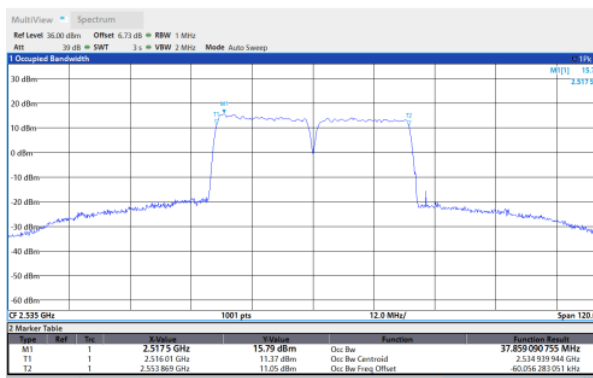
7-7-20MHz-20MHz-16QAM-16QAM-21152-21350-100RB#0-100RB#0



7-7-20MHz-20MHz-64QAM-64QAM-20850-21048-100RB#0-100RB#0



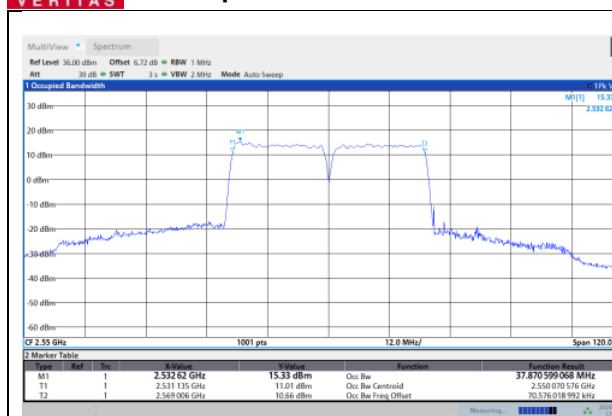
7-7-20MHz-20MHz-64QAM-64QAM-21001-21199-100RB#0-100RB#0



7-7-20MHz-20MHz-64QAM-64QAM-21152-21350-100RB#0-100RB#0

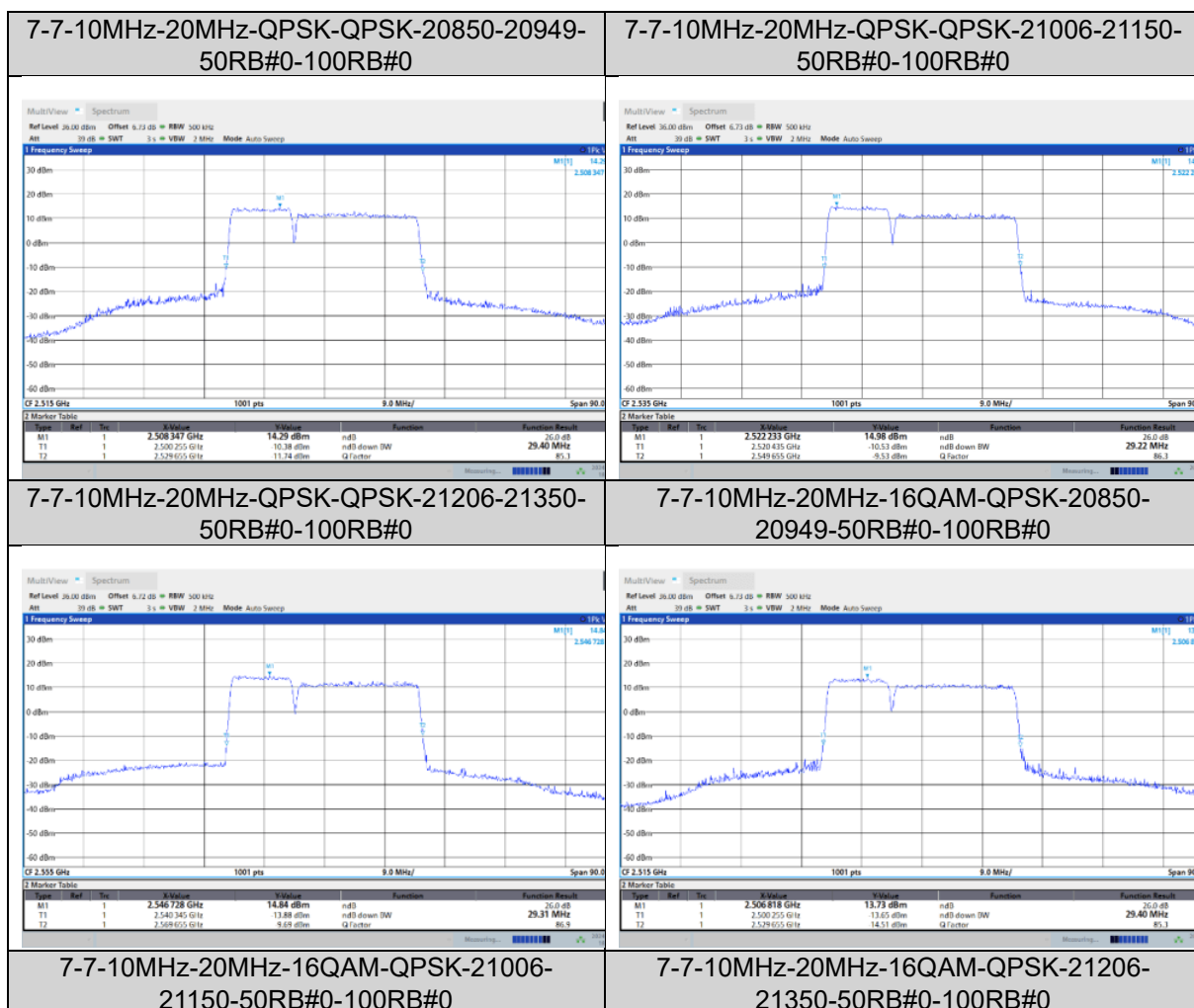


Test Report No.: PSU-NQN2407300216RF03



Test Graphs

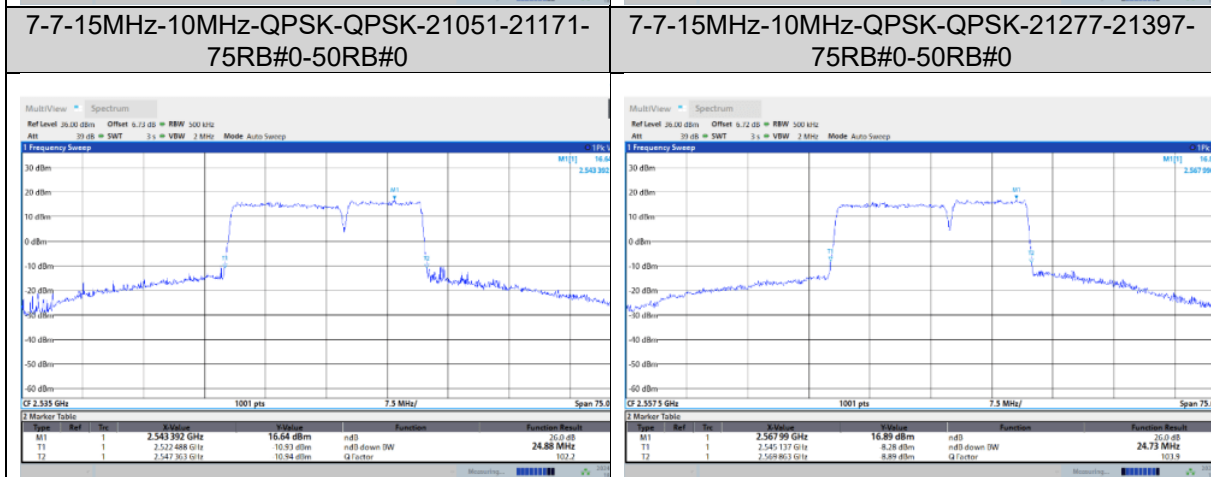
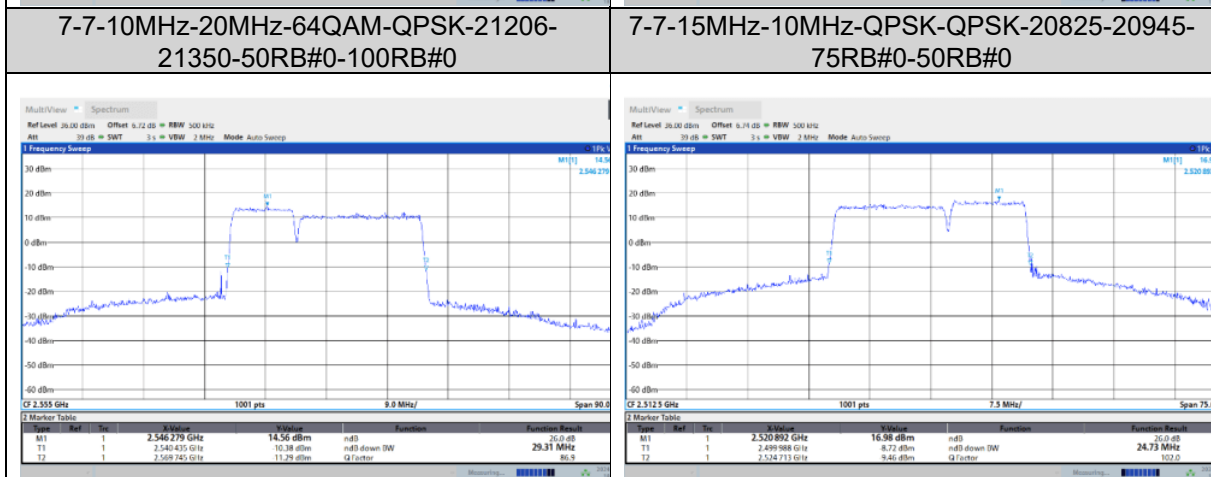
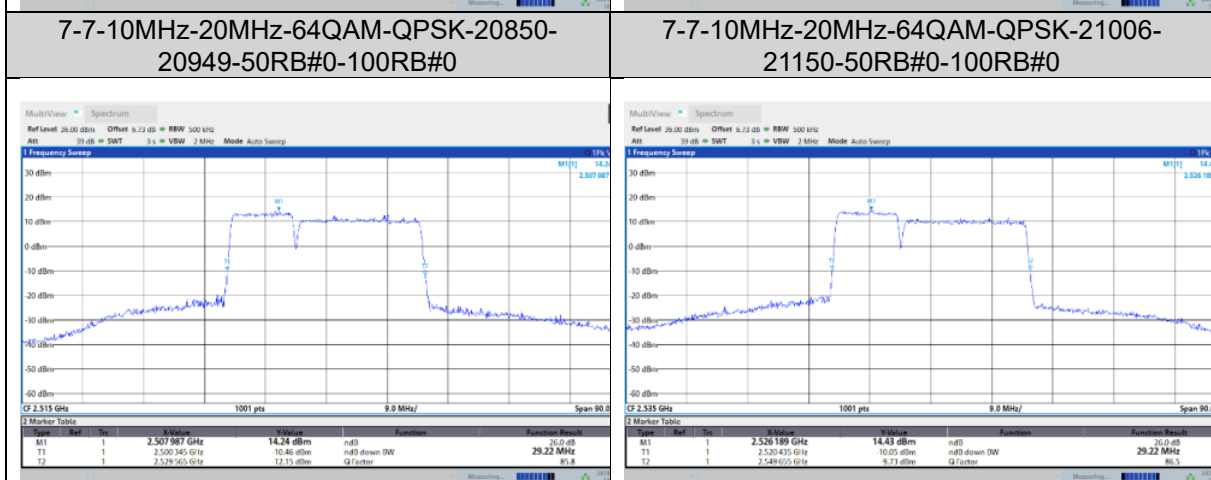
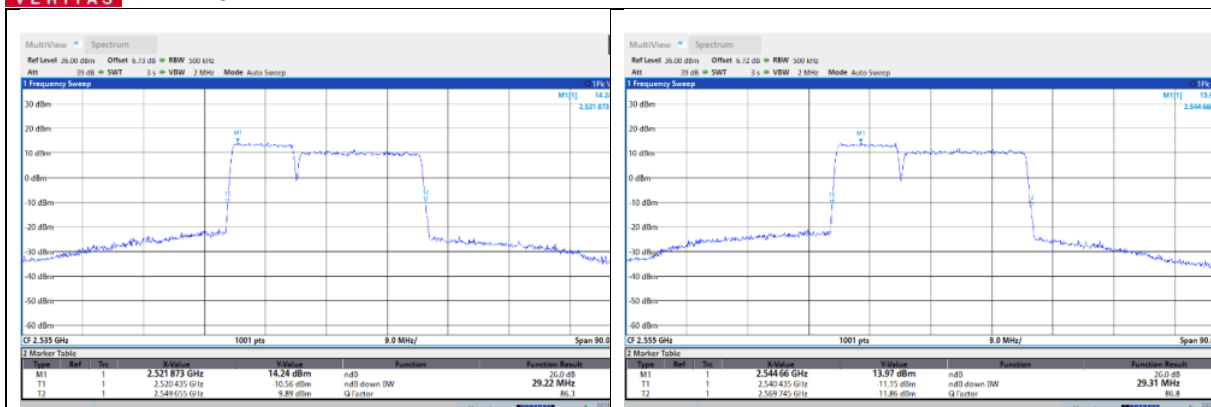
26dB Bandwidth





BUREAU
VERITAS

Test Report No.: PSU-NQN2407300216RF03



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

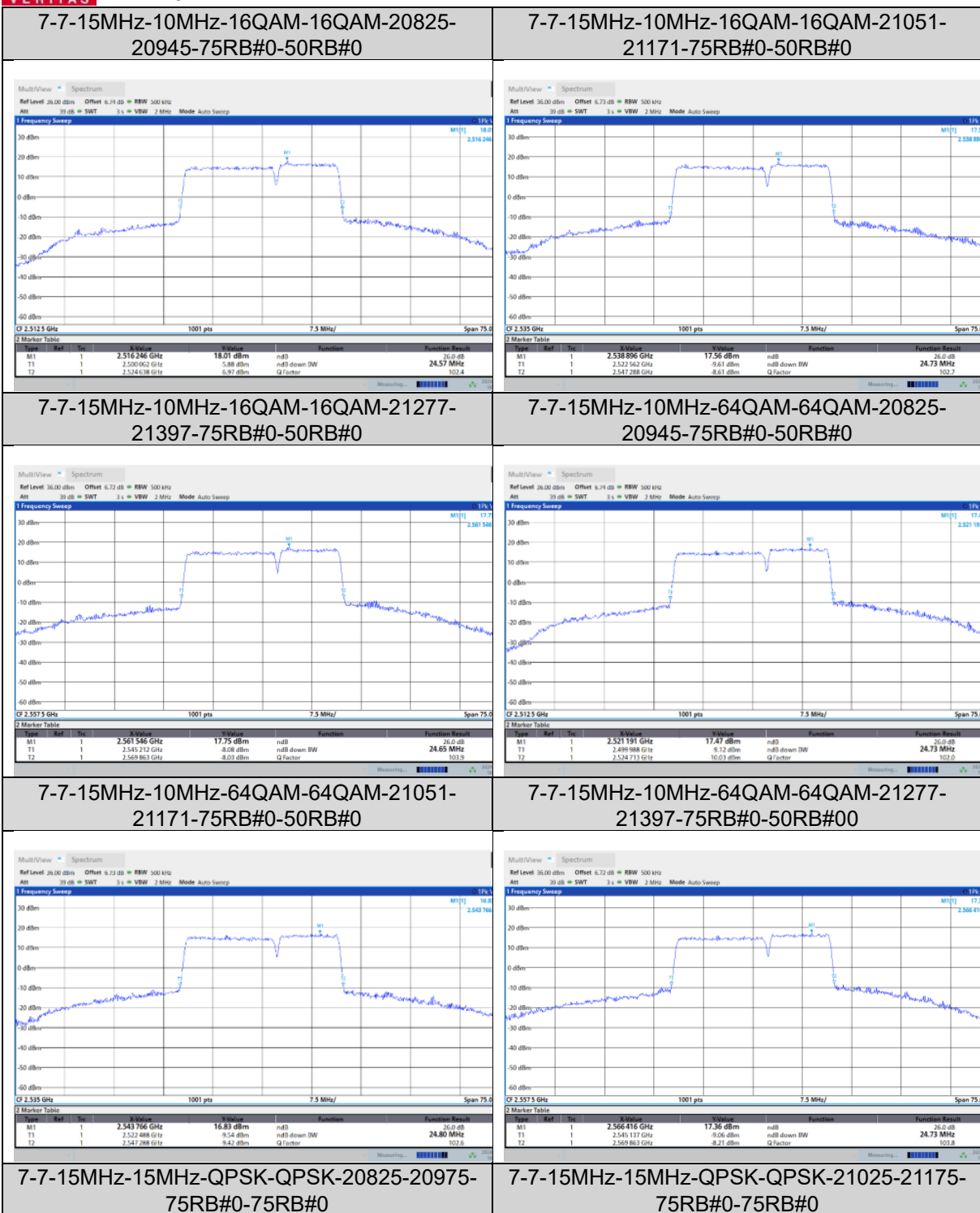
Room B37, Warehouse A5, No.3 Chiwan
4th Road, Zhaoshang Street, Nanshan
District Shenzhen, Guangdong, People's
Republic of China

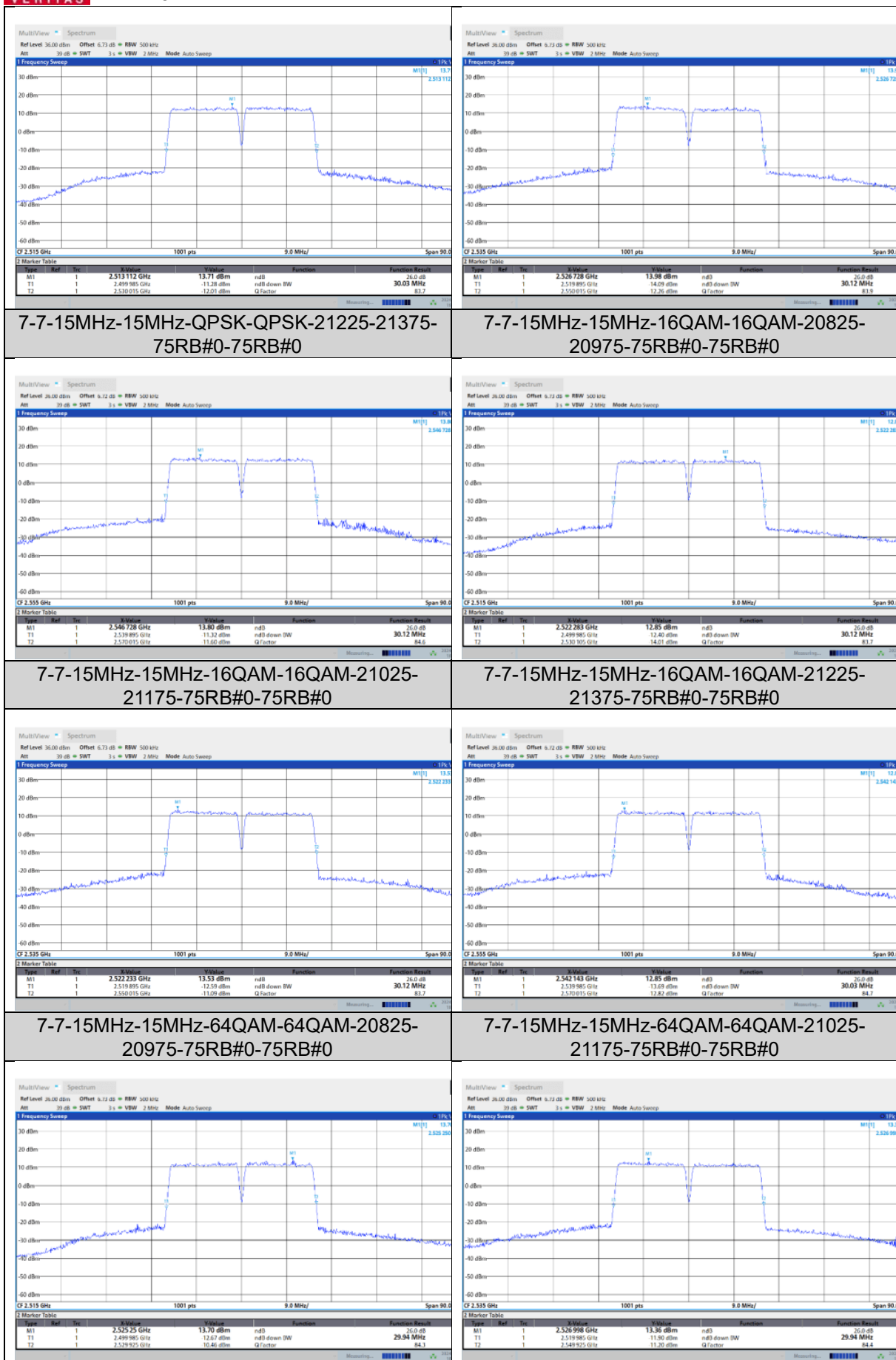
Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email:

customerservice.sw@bureauveritas.com



BUREAU VERITAS Test Report No.: PSU-NQN2407300216RF03

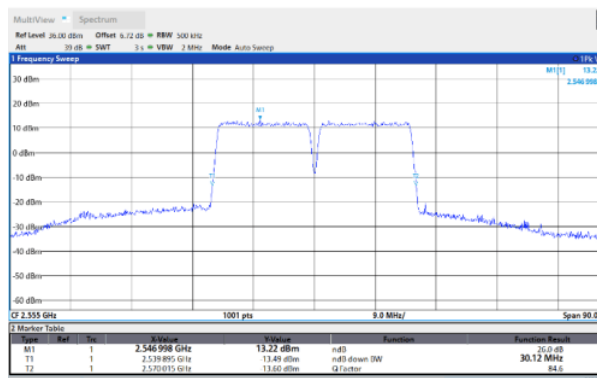




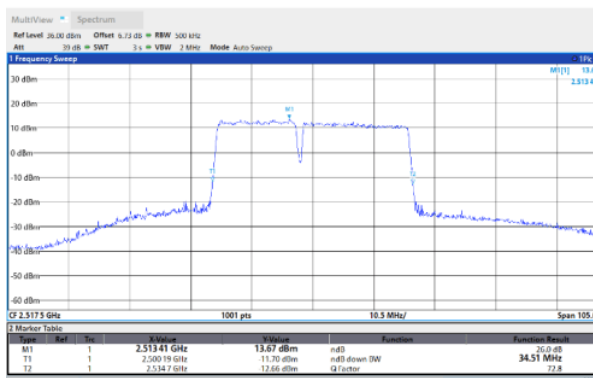


BUREAU VERITAS Test Report No.: PSU-NQN2407300216RF03

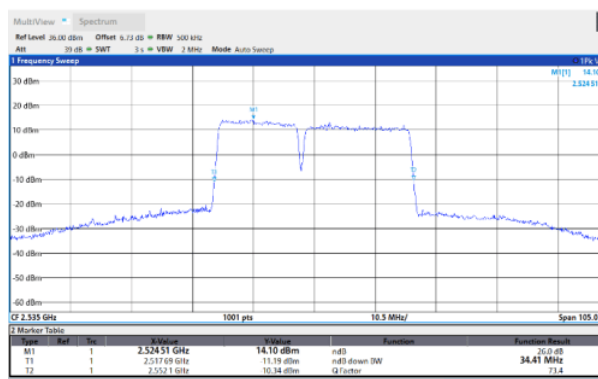
7-7-15MHz-15MHz-64QAM-64QAM-21225-
21375-75RB#0-75RB#0



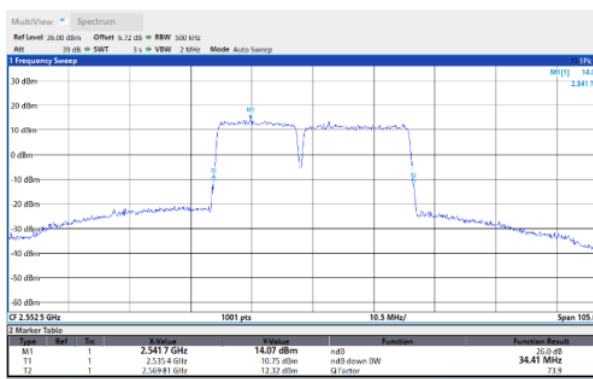
7-7-15MHz-20MHz-QPSK-QPSK-20825-20945-
75RB#0-100RB#0



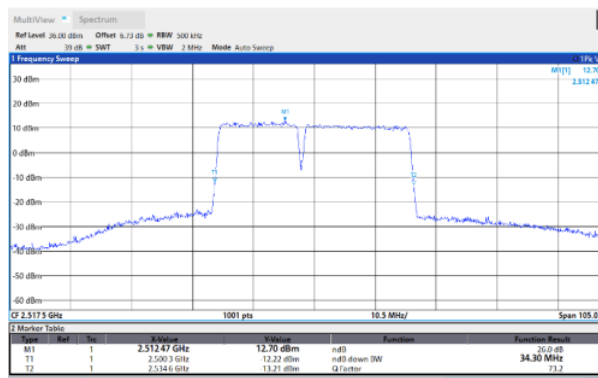
7-7-15MHz-20MHz-QPSK-QPSK-21051-21171-
75RB#0-100RB#0



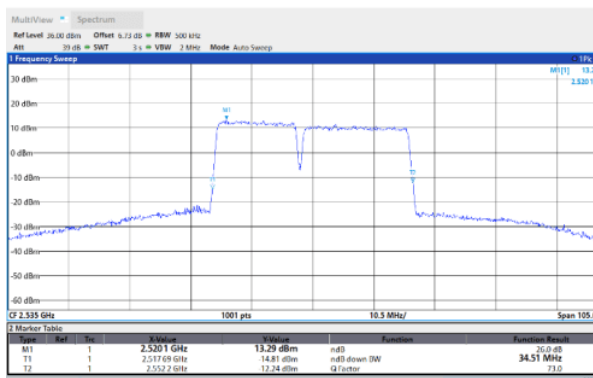
7-7-15MHz-20MHz-QPSK-QPSK-21277-21397-
75RB#0-100RB#0



7-7-15MHz-20MHz-16QAM-16QAM-20825-
20945-75RB#0-100RB#0



7-7-15MHz-20MHz-16QAM-16QAM-21051-
21171-75RB#0-100RB#0



7-7-15MHz-20MHz-16QAM-16QAM-21277-
21397-75RB#0-100RB#0

7-7-15MHz-20MHz-64QAM-QPSK-20825-
20945-75RB#0-100RB#0

