

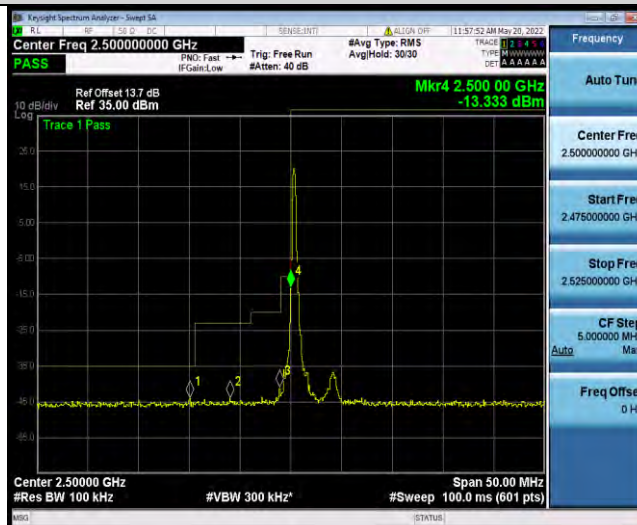


BUREAU
VERITAS

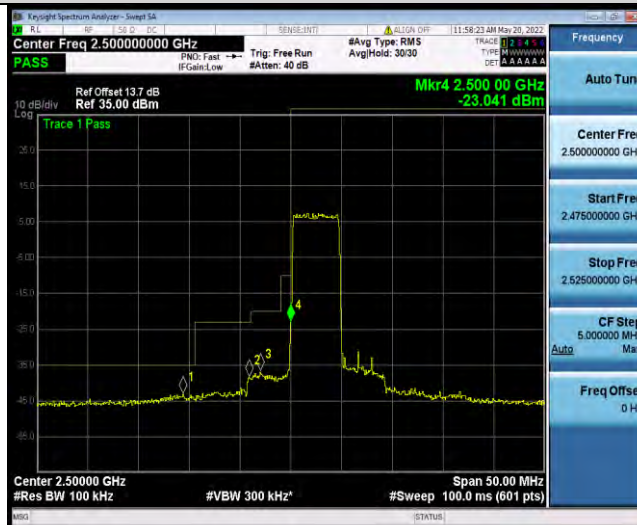
Test Report No.: W7L-220214W001RF03

Test Graphs

Band7-5MHz-QPSK-20775-1RB#0



Band7-5MHz-QPSK-20775-25RB#0

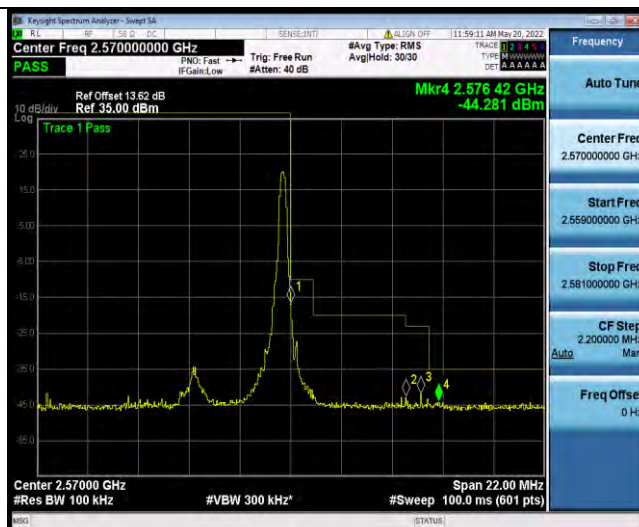


Band7-5MHz-QPSK-21425-1RB#24



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-5MHz-QPSK-21425-25RB#0

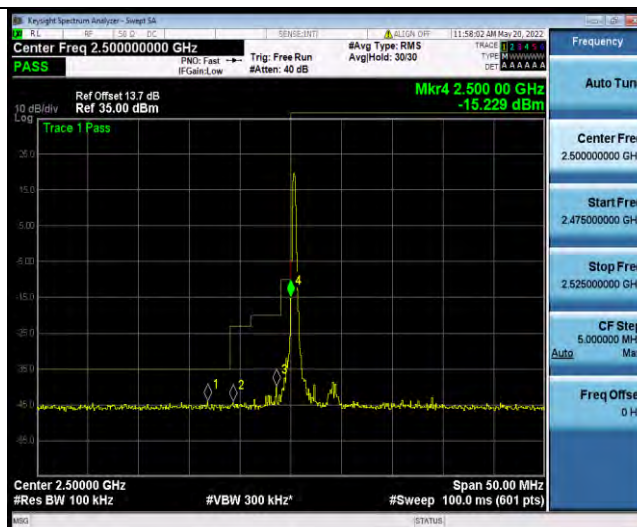


Band7-5MHz-16QAM-20775-1RB#0

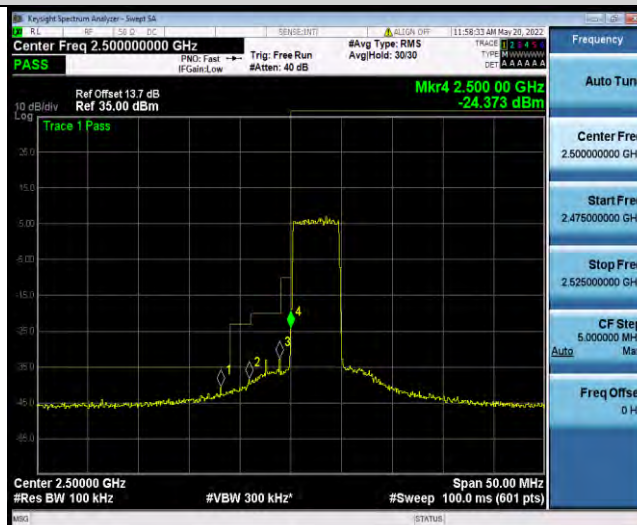


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-5MHz-16QAM-20775-25RB#0

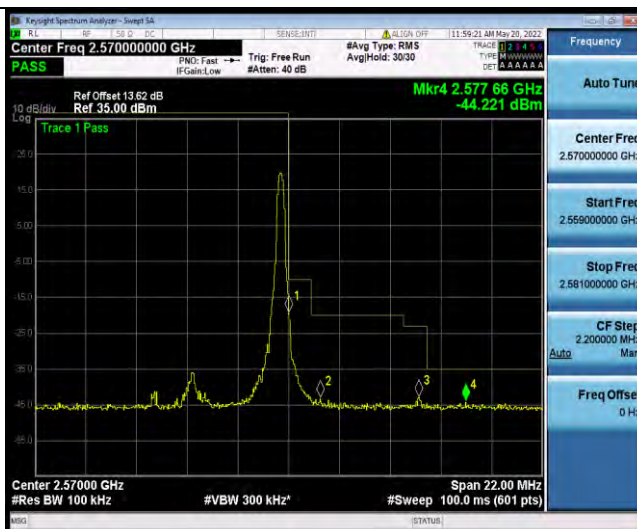


Band7-5MHz-16QAM-21425-1RB#24



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-5MHz-16QAM-21425-25RB#0

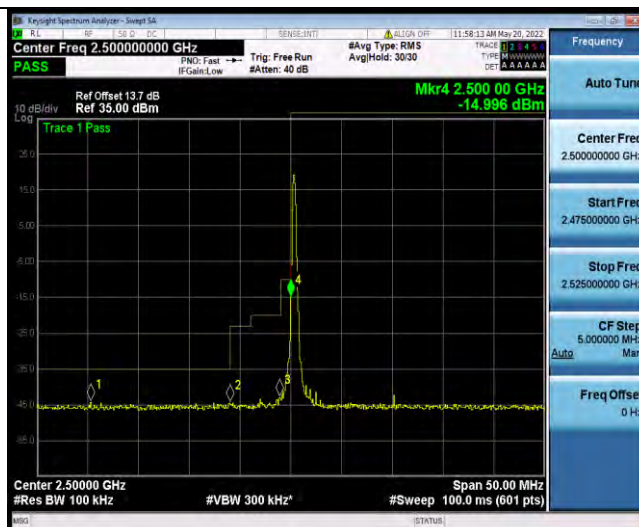


Band7-5MHz-64QAM-20775-1RB#0



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-5MHz-64QAM-20775-25RB#0



Band7-5MHz-64QAM-21425-1RB#24



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-5MHz-64QAM-21425-25RB#0

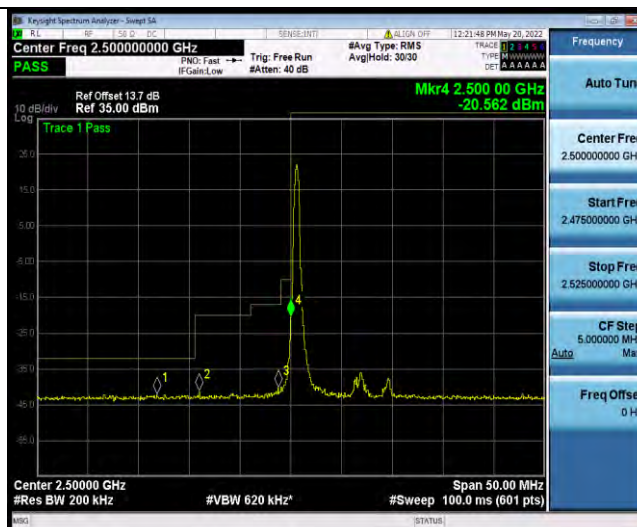


Band7-10MHz-QPSK-20800-1RB#0



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-10MHz-QPSK-20800-50RB#0



Band7-10MHz-QPSK-21400-1RB#49



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-10MHz-QPSK-21400-50RB#0

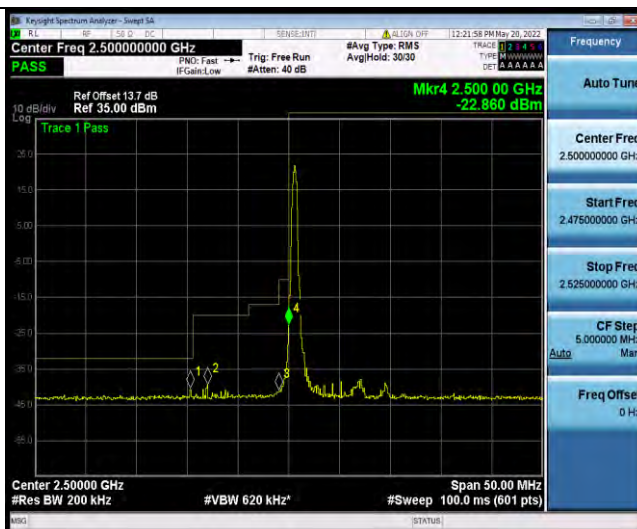


Band7-10MHz-16QAM-20800-1RB#0



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-10MHz-16QAM-20800-50RB#0



Band7-10MHz-16QAM-21400-1RB#49

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

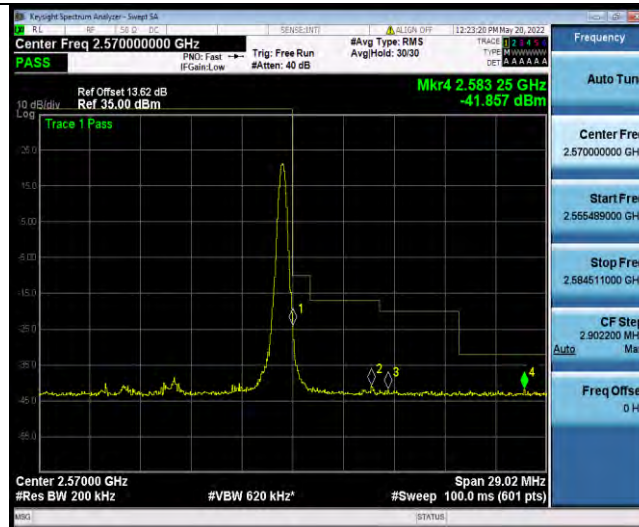
No.B102, Dazu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, China

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



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-10MHz-16QAM-21400-50RB#0

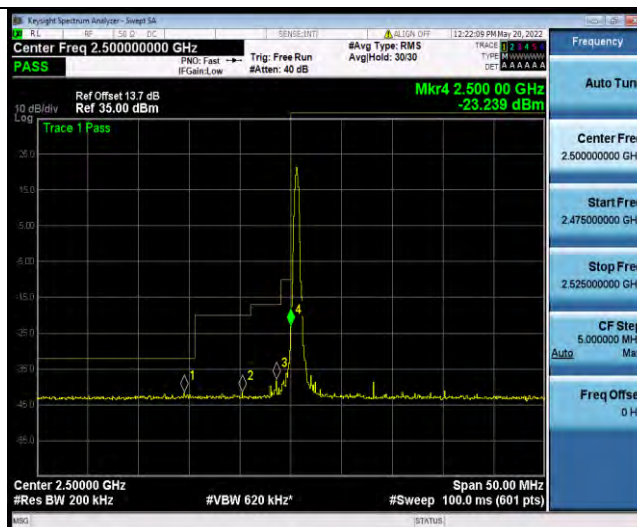


Band7-10MHz-64QAM-20800-1RB#0



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-10MHz-64QAM-20800-50RB#0

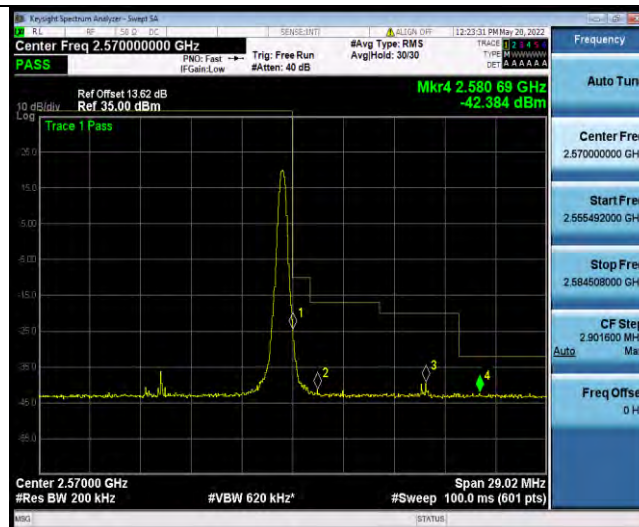


Band7-10MHz-64QAM-21400-1RB#49



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-10MHz-64QAM-21400-50RB#0

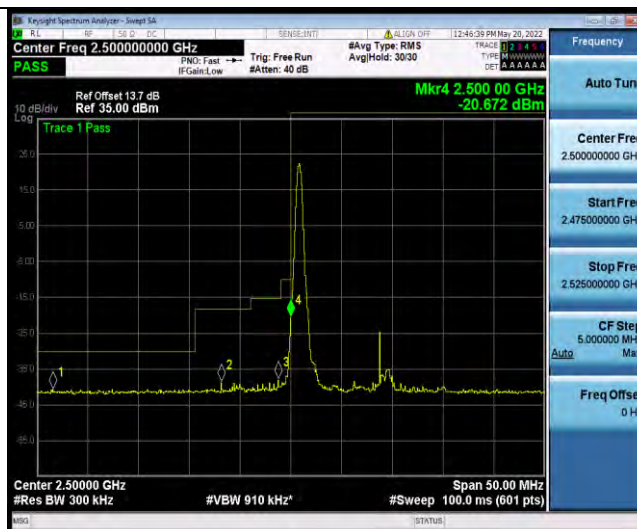


Band7-15MHz-QPSK-20825-1RB#0



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-15MHz-QPSK-20825-75RB#0



Band7-15MHz-QPSK-21375-1RB#74

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

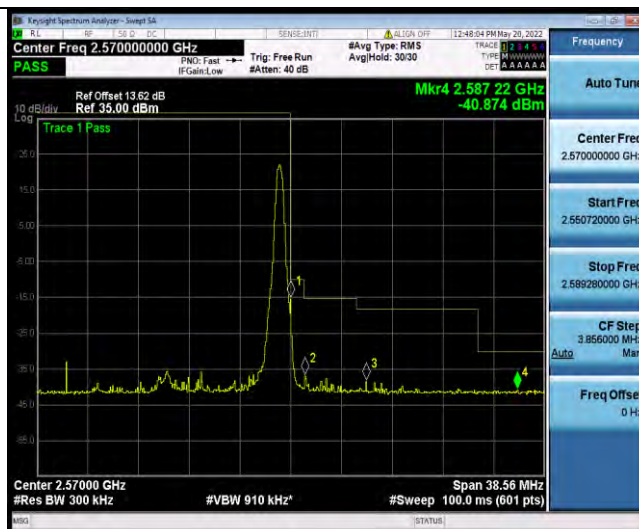
No.B102, Dazu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, China

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



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-15MHz-QPSK-21375-75RB#0

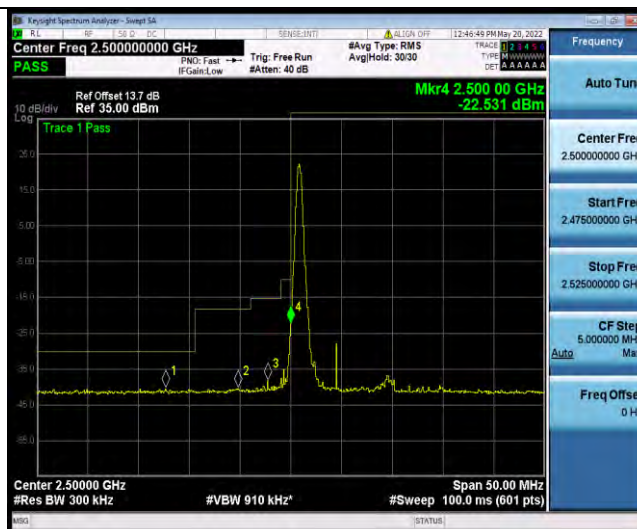


Band7-15MHz-16QAM-20825-1RB#0



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-15MHz-16QAM-20825-75RB#0



Band7-15MHz-16QAM-21375-1RB#74

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

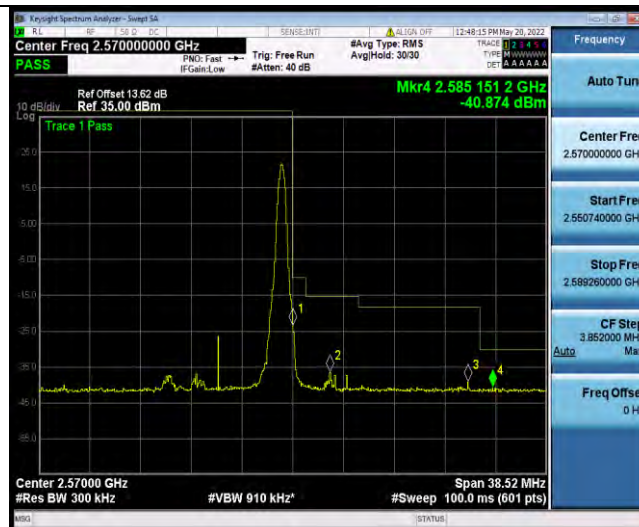
No.B102, Dazu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, China

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



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-15MHz-16QAM-21375-75RB#0

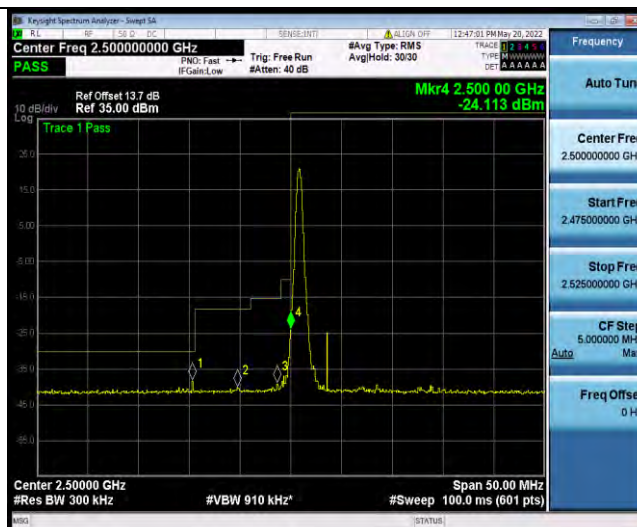


Band7-15MHz-64QAM-20825-1RB#0



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-15MHz-64QAM-20825-75RB#0

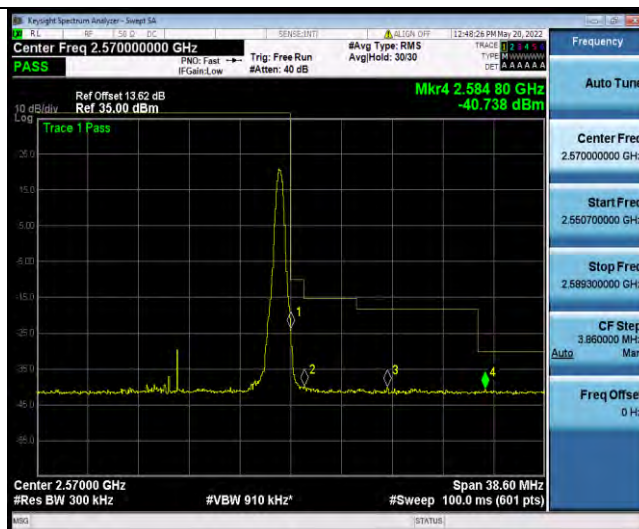


Band7-15MHz-64QAM-21375-1RB#74



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-15MHz-64QAM-21375-75RB#0

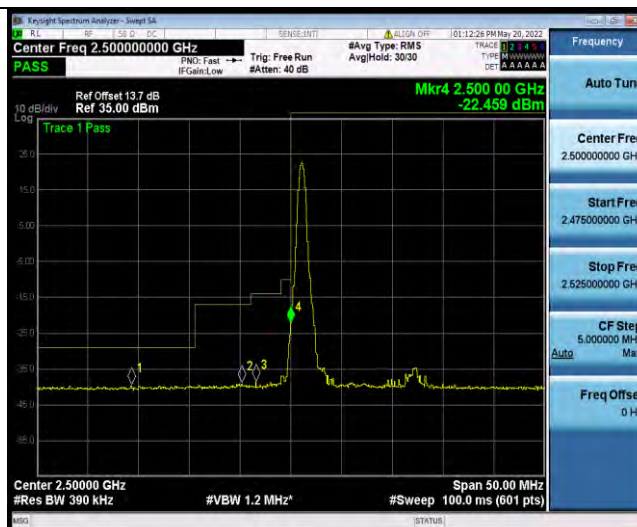


Band7-20MHz-QPSK-20850-1RB#0



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-20MHz-QPSK-20850-100RB#0

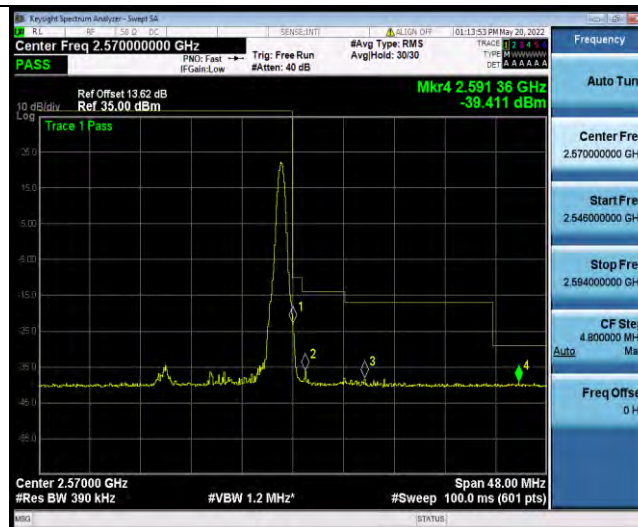


Band7-20MHz-QPSK-21350-1RB#99



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-20MHz-QPSK-21350-100RB#0



Band7-20MHz-16QAM-20850-1RB#0



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-20MHz-16QAM-20850-100RB#0

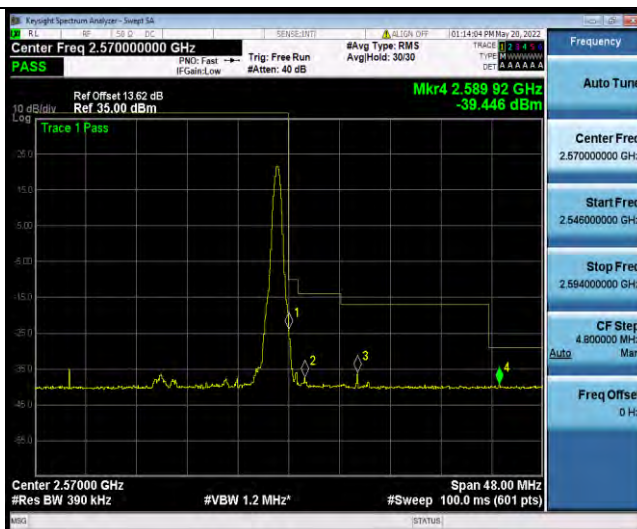


Band7-20MHz-16QAM-21350-1RB#99



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-20MHz-16QAM-21350-100RB#0



Band7-20MHz-64QAM-20850-1RB#0

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

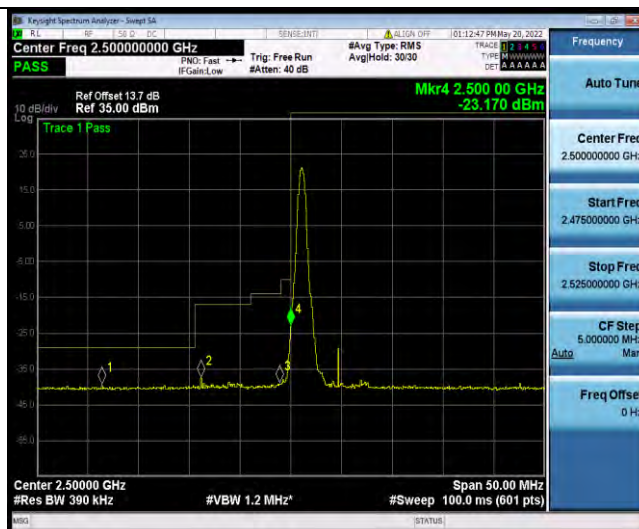
No.B102, Dazu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, China

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



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-20MHz-64QAM-20850-100RB#0

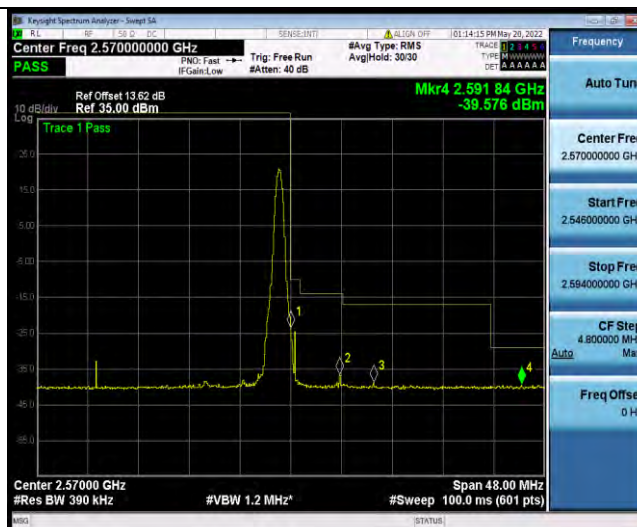


Band7-20MHz-64QAM-21350-1RB#99



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-20MHz-64QAM-21350-100RB#0



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

No.B102, Dazu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, 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
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-41	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~27000MHz	-31.31	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-40.91	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-30.49	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-41.08	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~27000MHz	-30.78	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-40.48	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~27000MHz	-30.39	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-40.66	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-31.22	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-40.23	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~27000MHz	-31.49	PASS
Band7	5MHz	64QAM	20775	1RB#0	Range1:30~1000MHz	-41.2	PASS
Band7	5MHz	64QAM	20775	1RB#0	Range2:1000~27000MHz	-31.54	PASS
Band7	5MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-40.89	PASS
Band7	5MHz	64QAM	21100	1RB#0	Range2:1000~27000MHz	-31.34	PASS
Band7	5MHz	64QAM	21425	1RB#0	Range1:30~1000MHz	-39.94	PASS
Band7	5MHz	64QAM	21425	1RB#0	Range2:1000~27000MHz	-31.45	PASS



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03

Band7	10MHz	QPSK	20800	1RB#0	Range1:30~1000MHz	-40.64	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range2:1000~27000MHz	-30.7	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-39.97	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-31.39	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range1:30~1000MHz	-40.65	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range2:1000~27000MHz	-31.14	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range1:30~1000MHz	-41.26	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range2:1000~27000MHz	-31.23	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-40.7	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-30.93	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range1:30~1000MHz	-40.11	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range2:1000~27000MHz	-31.56	PASS
Band7	10MHz	64QAM	20800	1RB#0	Range1:30~1000MHz	-40.24	PASS
Band7	10MHz	64QAM	20800	1RB#0	Range2:1000~27000MHz	-31.28	PASS
Band7	10MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-39.87	PASS
Band7	10MHz	64QAM	21100	1RB#0	Range2:1000~27000MHz	-31.17	PASS
Band7	10MHz	64QAM	21400	1RB#0	Range1:30~1000MHz	-41.15	PASS
Band7	10MHz	64QAM	21400	1RB#0	Range2:1000~27000MHz	-31.47	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range1:30~1000MHz	-40.64	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range2:1000~27000MHz	-31.85	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-41.11	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-220214W001RF03

Band7	15MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-31.65	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range1:30~1000MHz	-41.04	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range2:1000~27000MHz	-31.47	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range1:30~1000MHz	-40.75	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range2:1000~27000MHz	-30.78	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-41.12	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-30.69	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range1:30~1000MHz	-41.3	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range2:1000~27000MHz	-31.11	PASS
Band7	15MHz	64QAM	20825	1RB#0	Range1:30~1000MHz	-40.85	PASS
Band7	15MHz	64QAM	20825	1RB#0	Range2:1000~27000MHz	-31.89	PASS
Band7	15MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-40.9	PASS
Band7	15MHz	64QAM	21100	1RB#0	Range2:1000~27000MHz	-31.72	PASS
Band7	15MHz	64QAM	21375	1RB#0	Range1:30~1000MHz	-40.14	PASS
Band7	15MHz	64QAM	21375	1RB#0	Range2:1000~27000MHz	-31.42	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-41.29	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~27000MHz	-31.58	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-40.41	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-31.09	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-41.52	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~27000MHz	-31.03	PASS

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

No.B102, Dazu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, China

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



Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-40.65	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~27000MHz	-31.86	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-39.25	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-31.32	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-41.44	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~27000MHz	-30.83	PASS
Band7	20MHz	64QAM	20850	1RB#0	Range1:30~1000MHz	-40.8	PASS
Band7	20MHz	64QAM	20850	1RB#0	Range2:1000~27000MHz	-31.75	PASS
Band7	20MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-40.17	PASS
Band7	20MHz	64QAM	21100	1RB#0	Range2:1000~27000MHz	-30.54	PASS
Band7	20MHz	64QAM	21350	1RB#0	Range1:30~1000MHz	-41.08	PASS
Band7	20MHz	64QAM	21350	1RB#0	Range2:1000~27000MHz	-30.61	PASS



Test Report No.: W7L-220214W001RF03

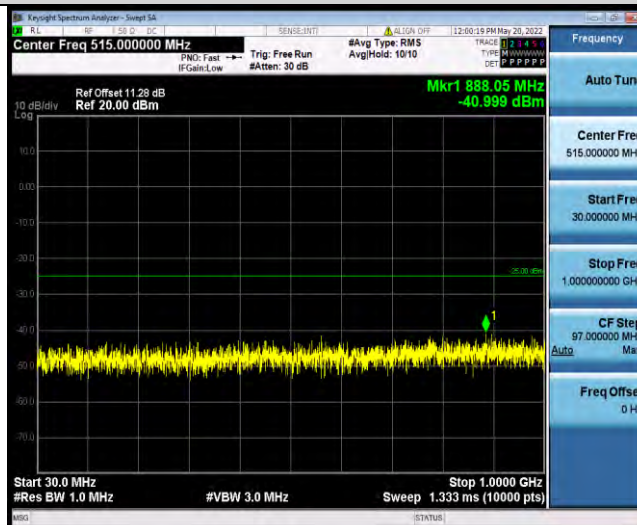


BUREAU
VERITAS

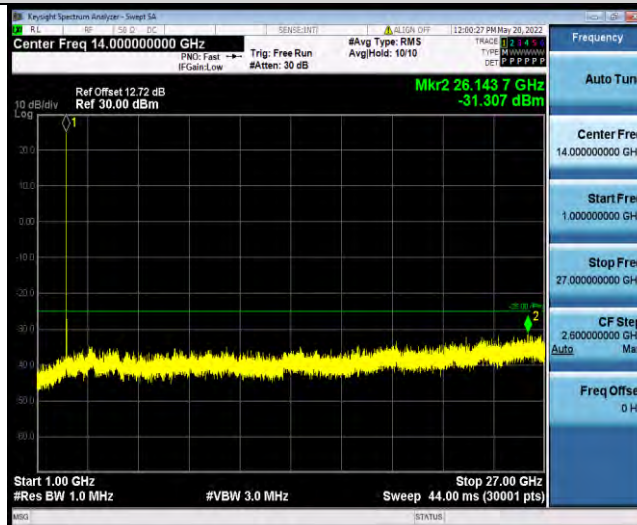
Test Report No.: W7L-220214W001RF03

Test Graphs

Band7-5MHz-QPSK-20775-1RB#0-Range1:30~1000MHz



Band7-5MHz-QPSK-20775-1RB#0-Range2: 1000~27000MHz

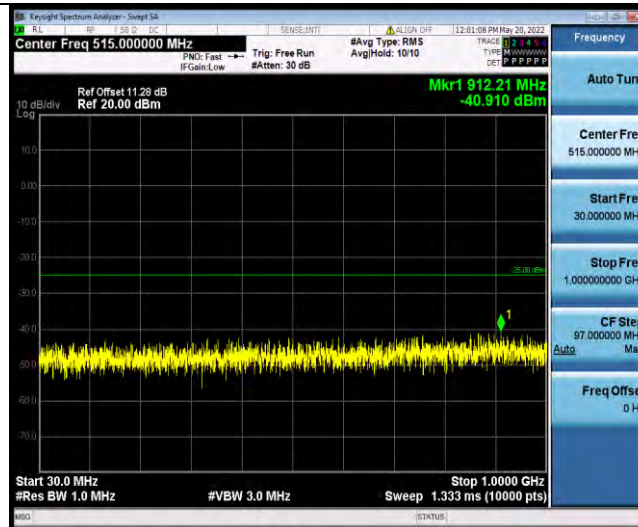


Band7-5MHz-QPSK-21100-1RB#0-Range1:30~1000MHz

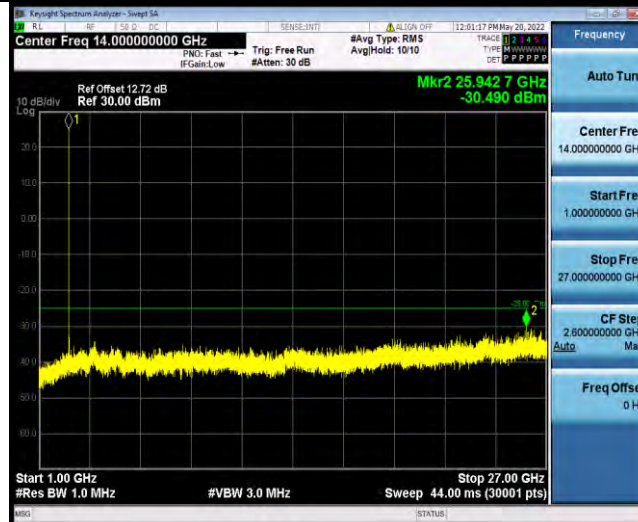


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-5MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz

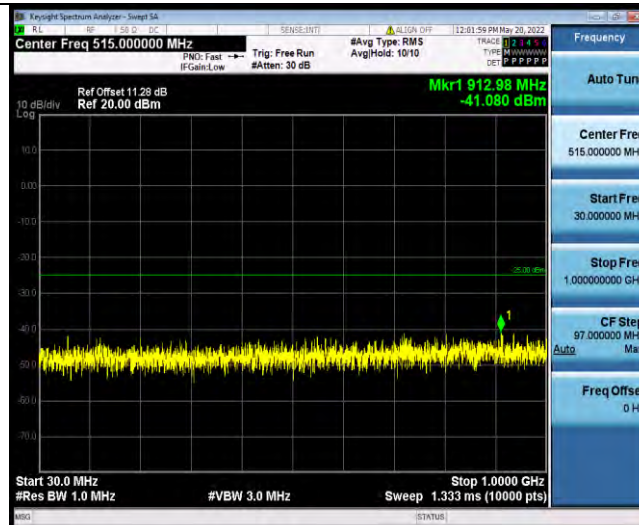


Band7-5MHz-QPSK-21425-1RB#0-Range1:30~1000MHz

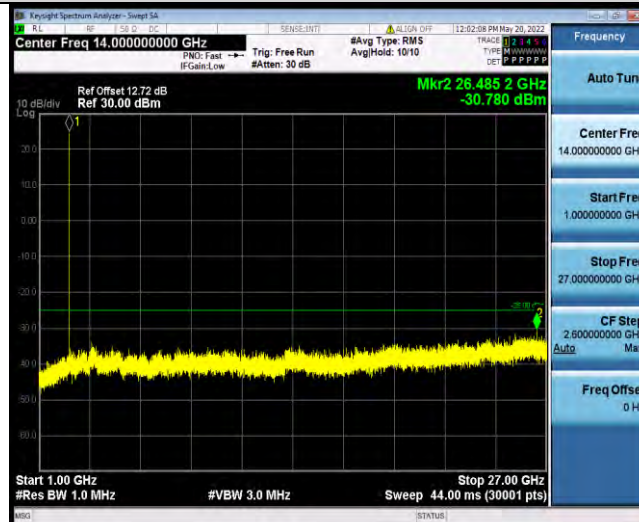


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-5MHz-QPSK-21425-1RB#0-Range2: 1000~27000MHz

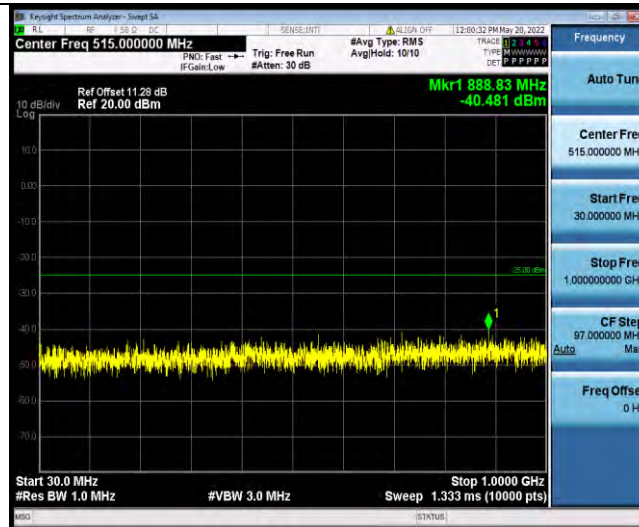


Band7-5MHz-16QAM-20775-1RB#0-Range1: 30~1000MHz

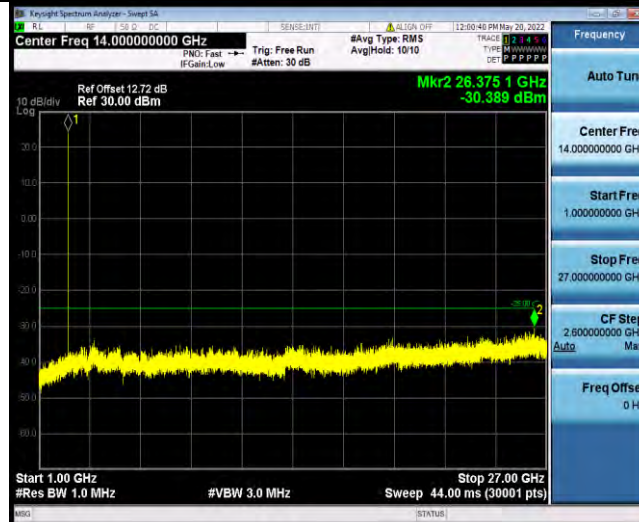


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-5MHz-16QAM-20775-1RB#0-Range2:1000~27000MHz



Band7-5MHz-16QAM-21100-1RB#0-Range1:30~1000MHz

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

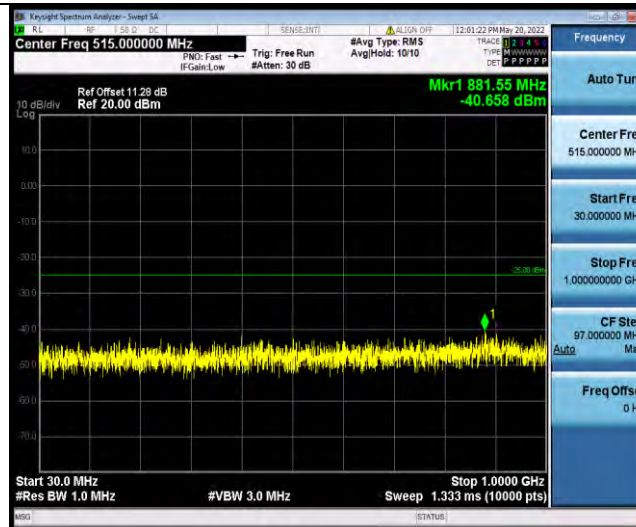
No.B102, Dazu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, China

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

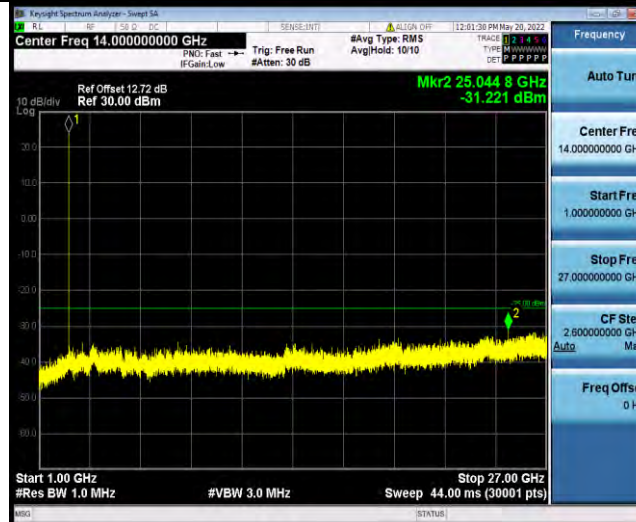


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-5MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



Band7-5MHz-16QAM-21425-1RB#0-Range1:30~1000MHz

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

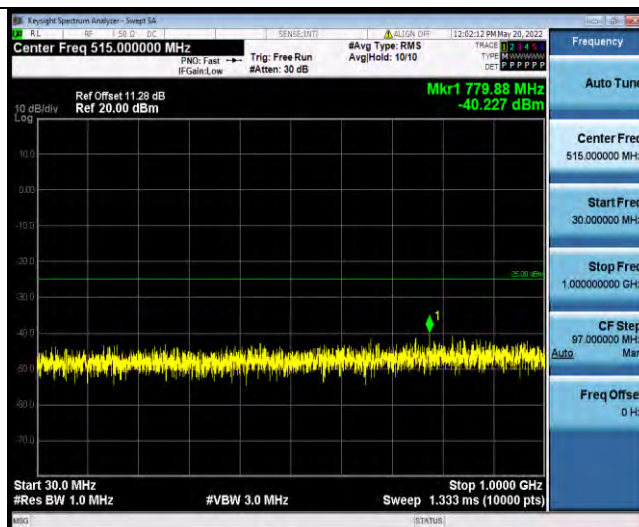
No.B102, Dazu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, China

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

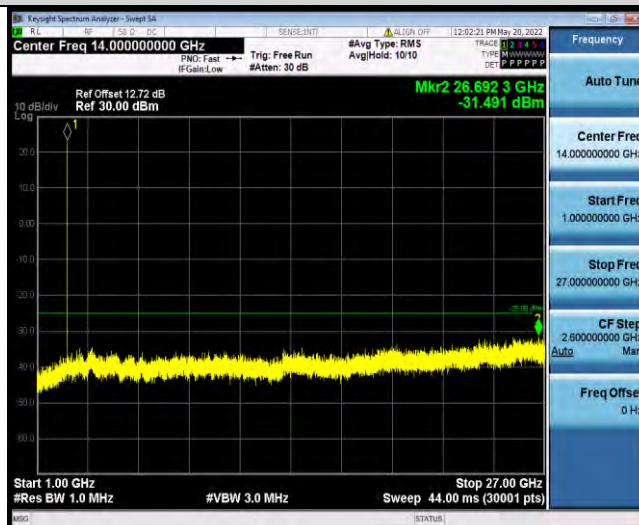


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-5MHz-16QAM-21425-1RB#0-Range2:1000~27000MHz



Band7-5MHz-64QAM-20775-1RB#0-Range1:30~1000MHz

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

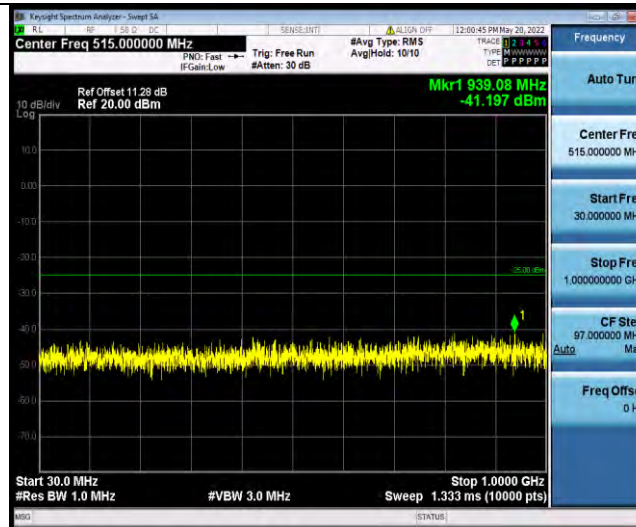
No.B102, Dazu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, China

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

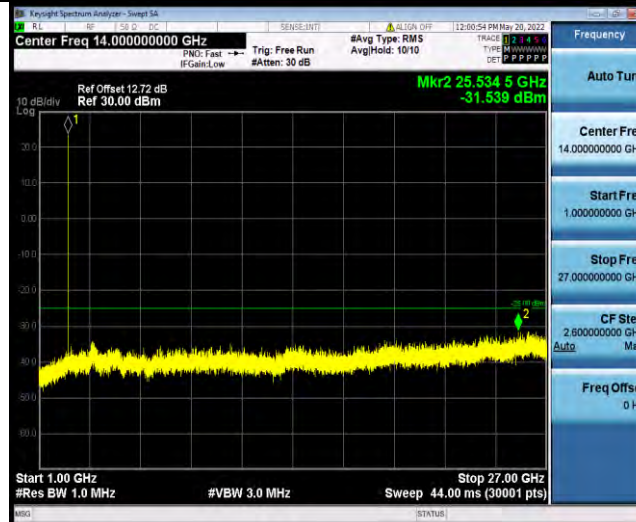


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-5MHz-64QAM-20775-1RB#0-Range2:1000~27000MHz

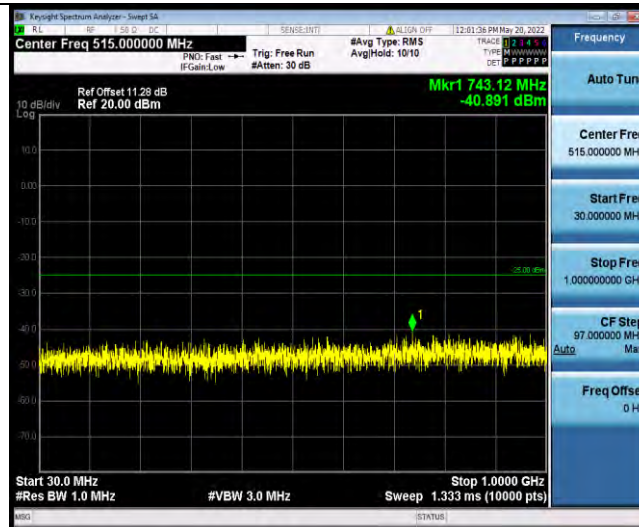


Band7-5MHz-64QAM-21100-1RB#0-Range1:30~1000MHz

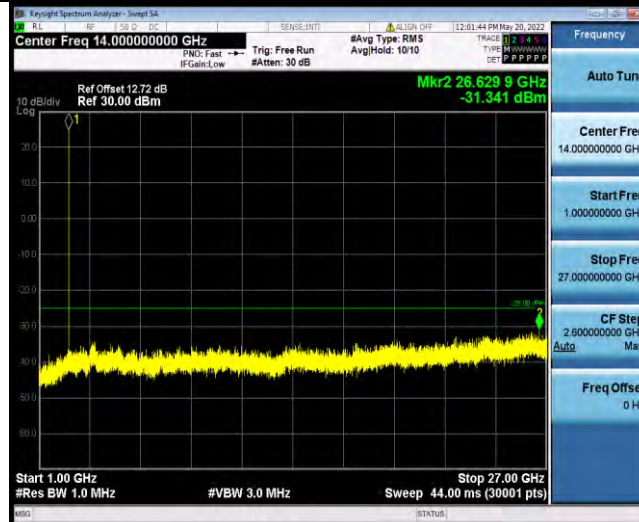


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-5MHz-64QAM-21100-1RB#0-Range2:1000~27000MHz



Band7-5MHz-64QAM-21425-1RB#0-Range1:30~1000MHz

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

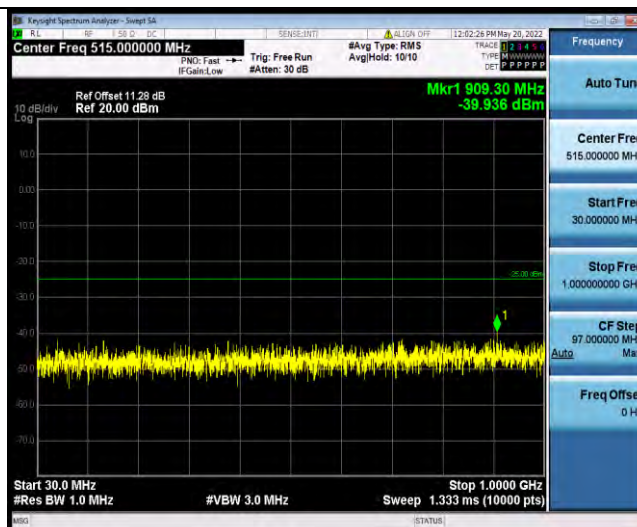
No.B102, Dazu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, China

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

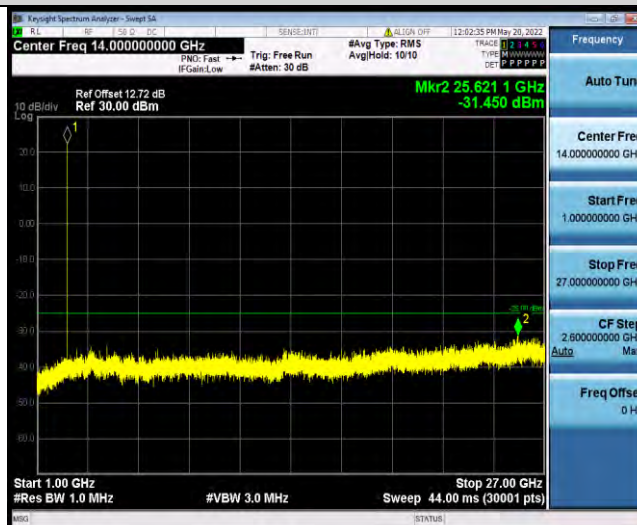


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-5MHz-64QAM-21425-1RB#0-Range2:1000~27000MHz

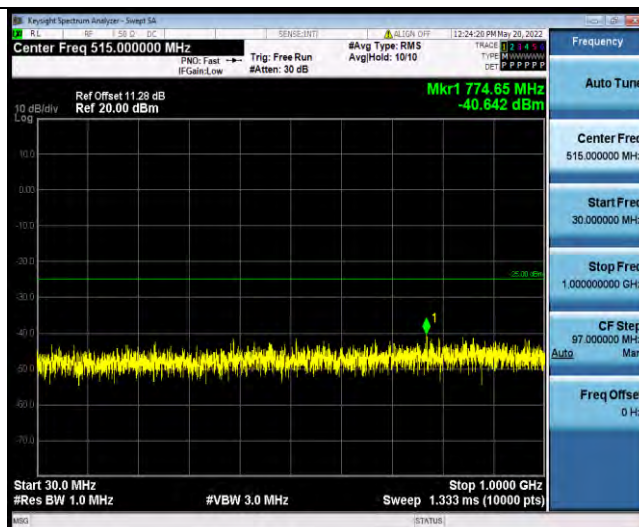


Band7-10MHz-QPSK-20800-1RB#0-Range1:30~1000MHz

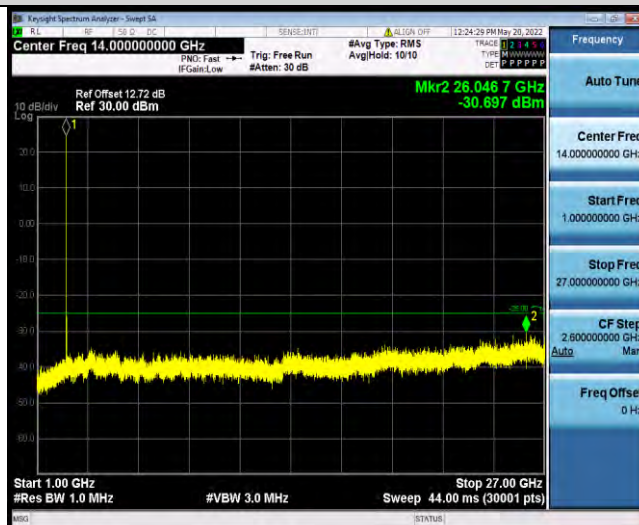


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-10MHz-QPSK-20800-1RB#0-Range2:1000~27000MHz

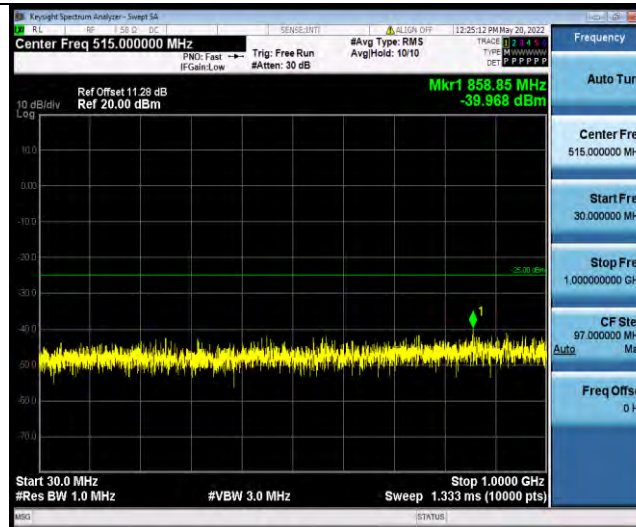


Band7-10MHz-QPSK-21100-1RB#0-Range1:30~1000MHz

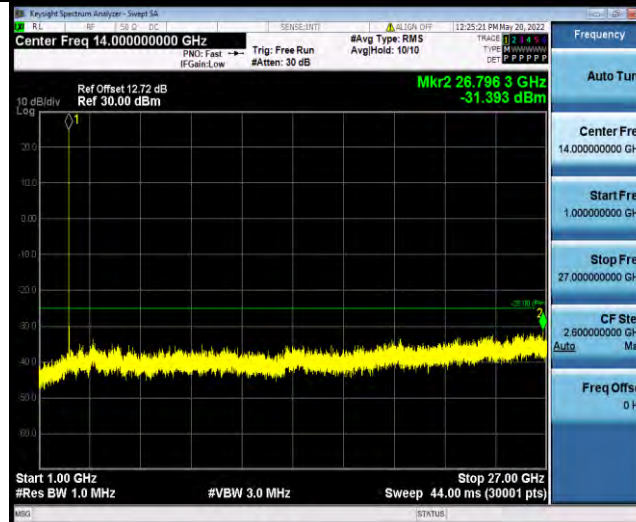


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-10MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



Band7-10MHz-QPSK-21400-1RB#0-Range1:30~1000MHz

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

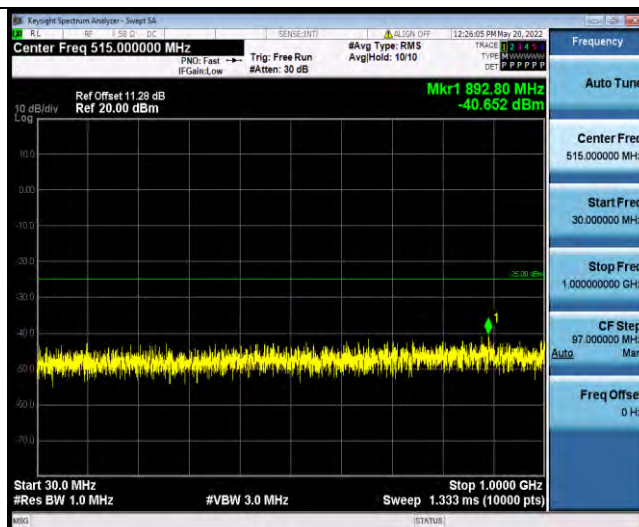
No.B102, Dazu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, China

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

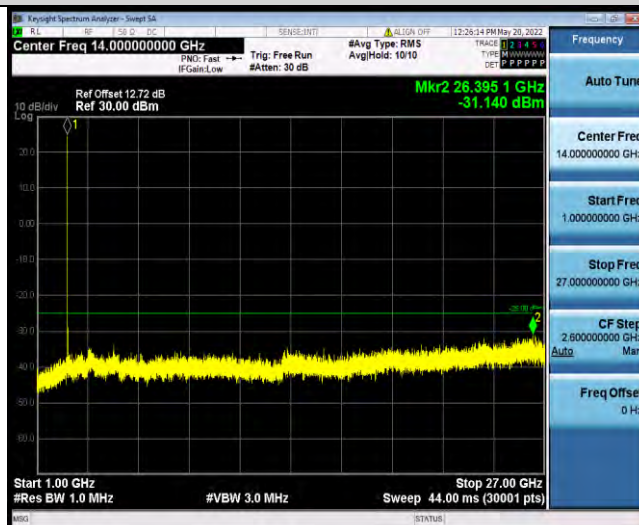


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-10MHz-QPSK-21400-1RB#0-Range2:1000~27000MHz

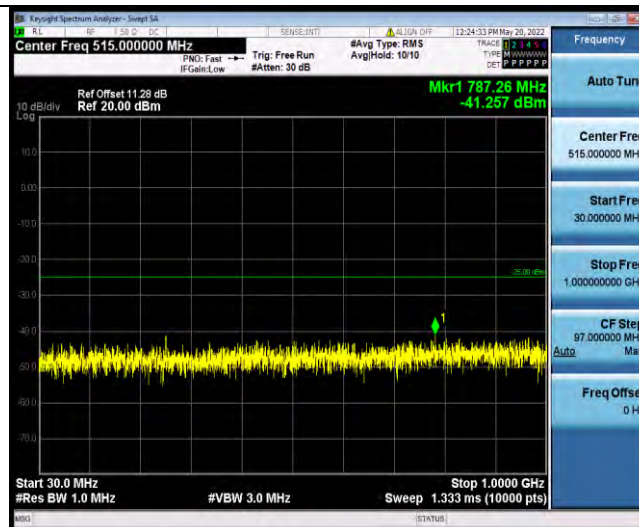


Band7-10MHz-16QAM-20800-1RB#0-Range1:30~1000MHz

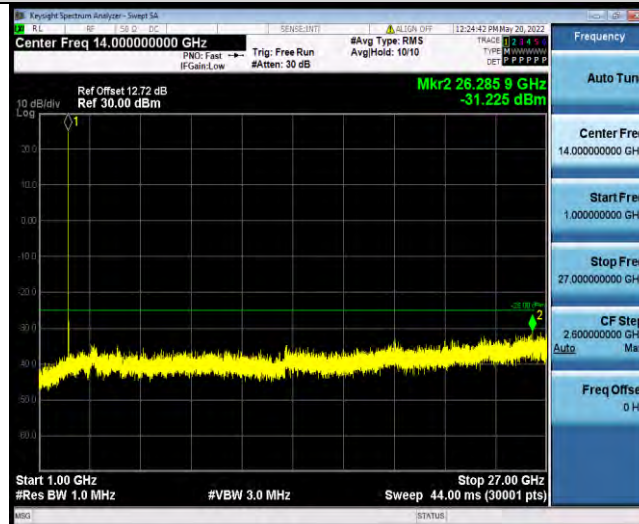


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-10MHz-16QAM-20800-1RB#0-Range2:1000~27000MHz

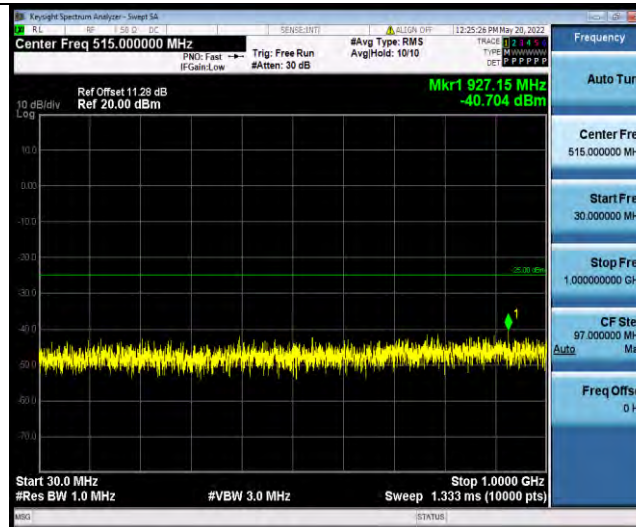


Band7-10MHz-16QAM-21100-1RB#0-Range1:30~1000MHz

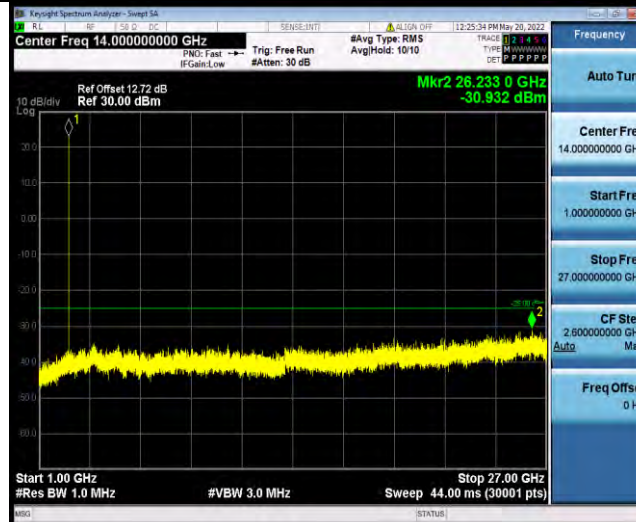


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-10MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz

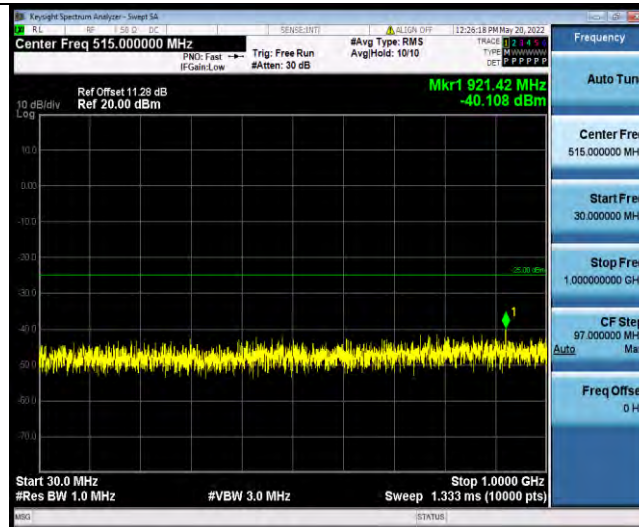


Band7-10MHz-16QAM-21400-1RB#0-Range1:30~1000MHz



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-10MHz-16QAM-21400-1RB#0-Range2:1000~27000MHz

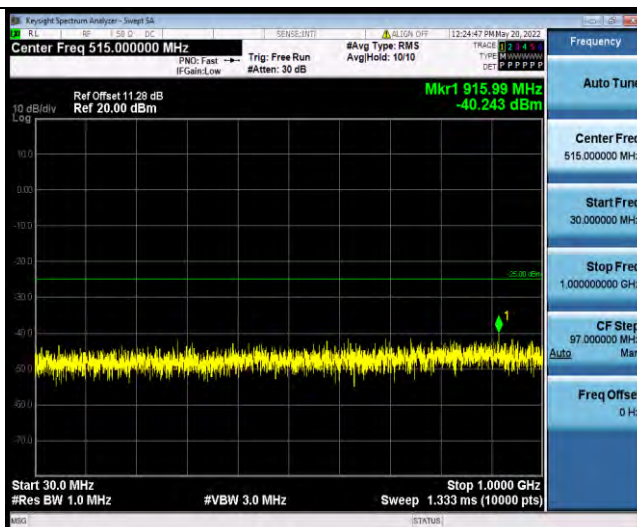


Band7-10MHz-64QAM-20800-1RB#0-Range1:30~1000MHz

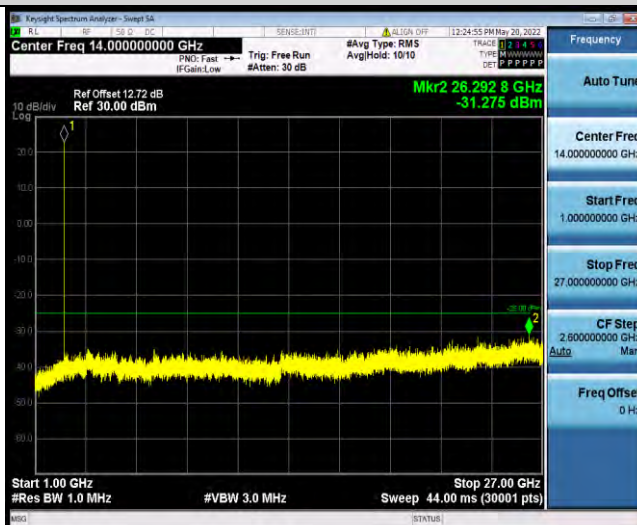


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-10MHz-64QAM-20800-1RB#0-Range2:1000~27000MHz

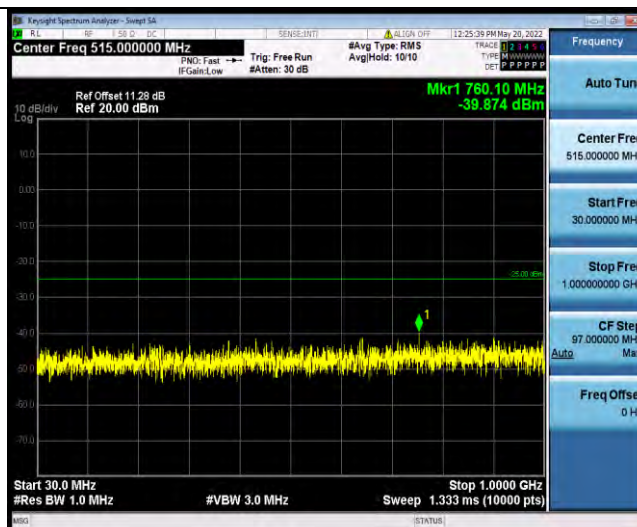


Band7-10MHz-64QAM-21100-1RB#0-Range1:30~1000MHz

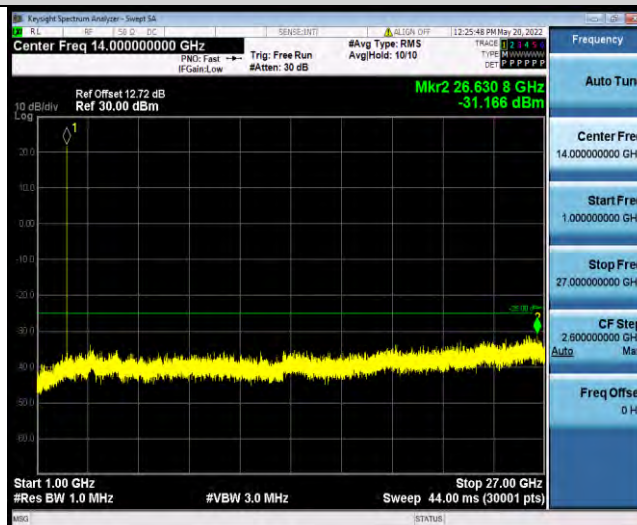


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-10MHz-64QAM-21100-1RB#0-Range2:1000~27000MHz

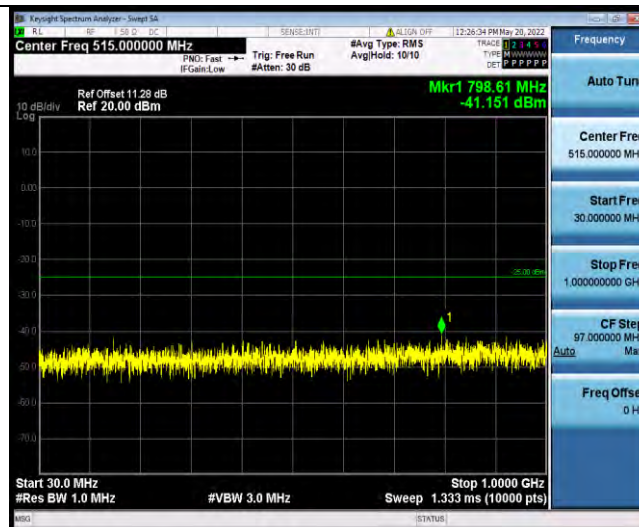


Band7-10MHz-64QAM-21400-1RB#0-Range1:30~1000MHz

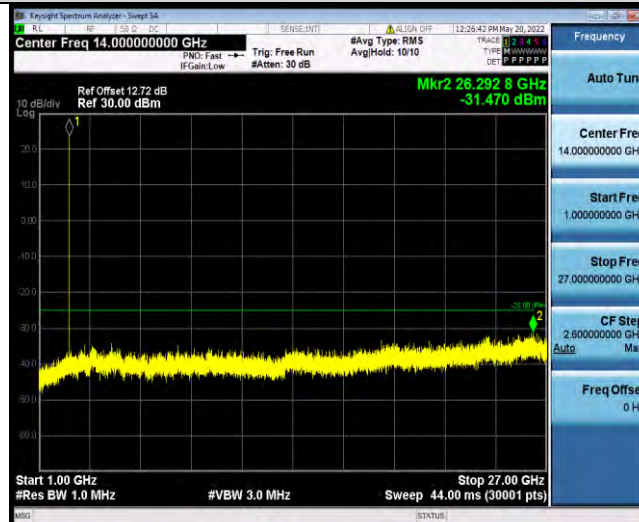


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-10MHz-64QAM-21400-1RB#0-Range2:1000~27000MHz

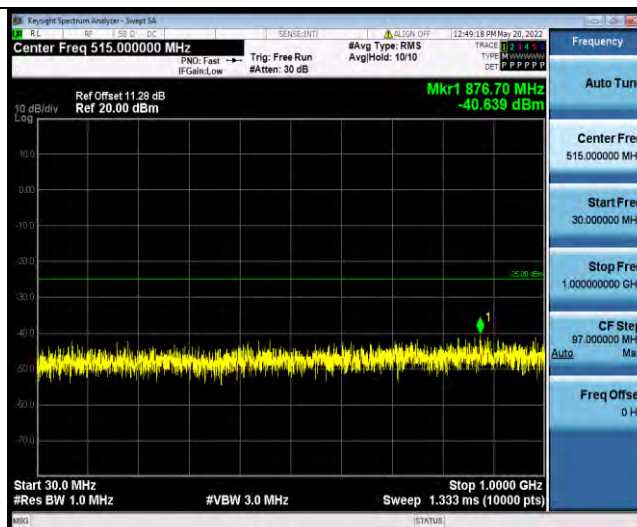


Band7-15MHz-QPSK-20825-1RB#0-Range1:30~1000MHz

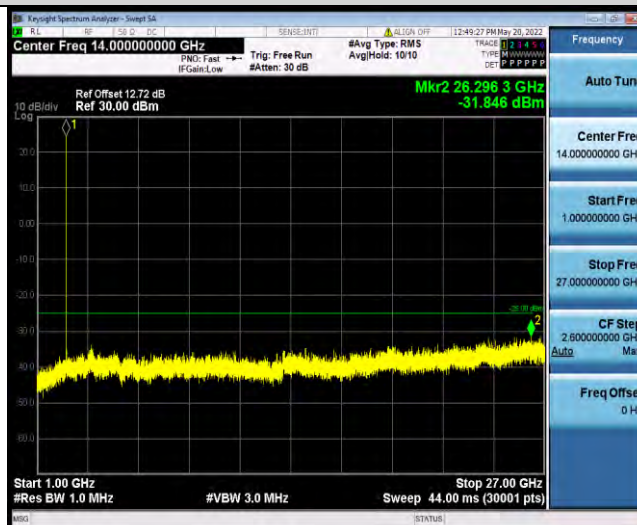


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-15MHz-QPSK-20825-1RB#0-Range2:1000~27000MHz



Band7-15MHz-QPSK-21100-1RB#0-Range1:30~1000MHz

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

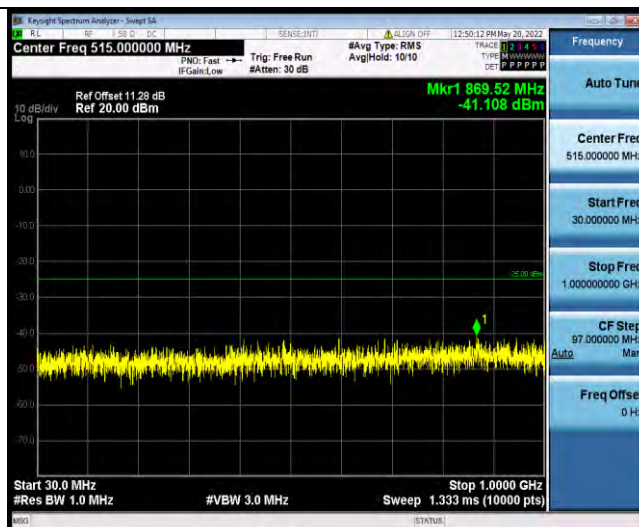
No.B102, Dazu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, China

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

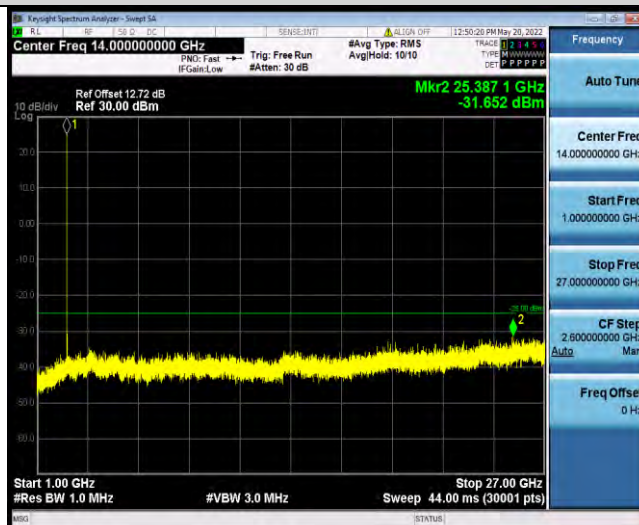


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-15MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



Band7-15MHz-QPSK-21375-1RB#0-Range1:30~1000MHz

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

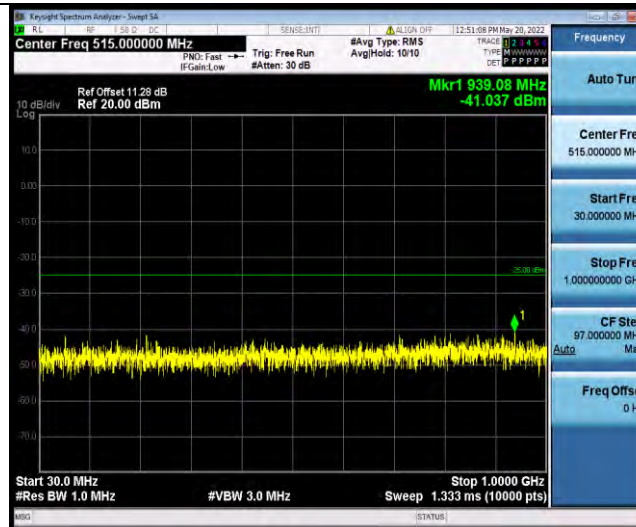
No.B102, Dazu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, China

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

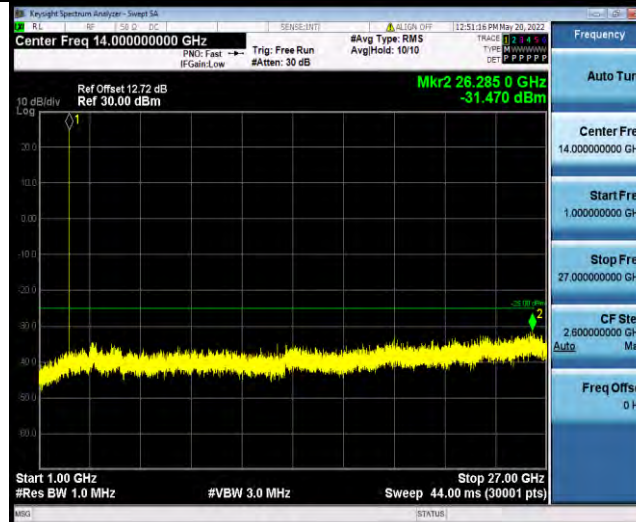


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-15MHz-QPSK-21375-1RB#0-Range2:1000~27000MHz

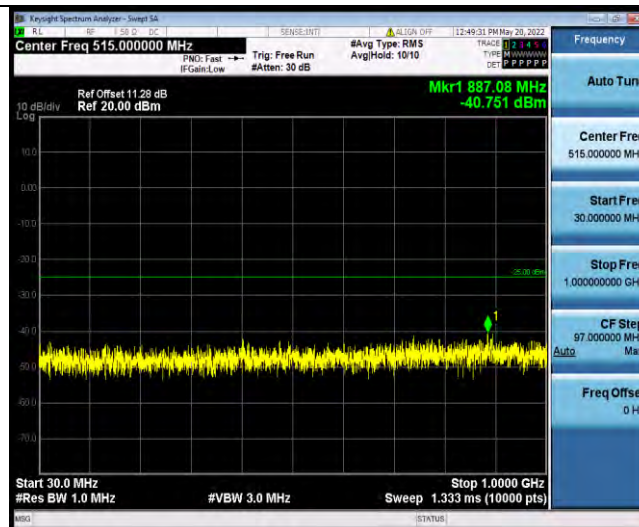


Band7-15MHz-16QAM-20825-1RB#0-Range1:30~1000MHz

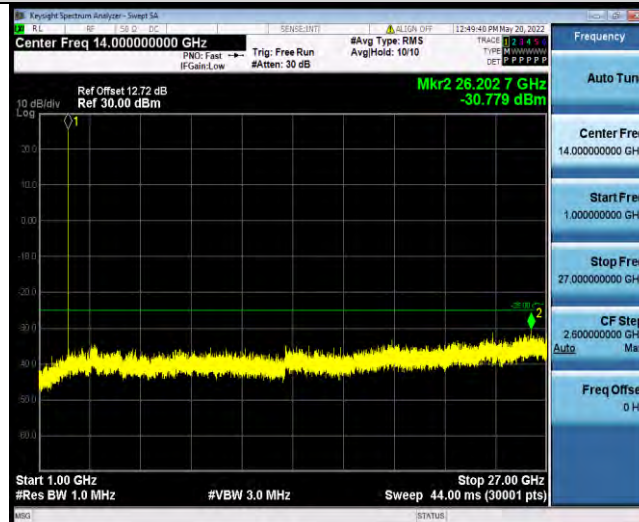


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-15MHz-16QAM-20825-1RB#0-Range2:1000~27000MHz

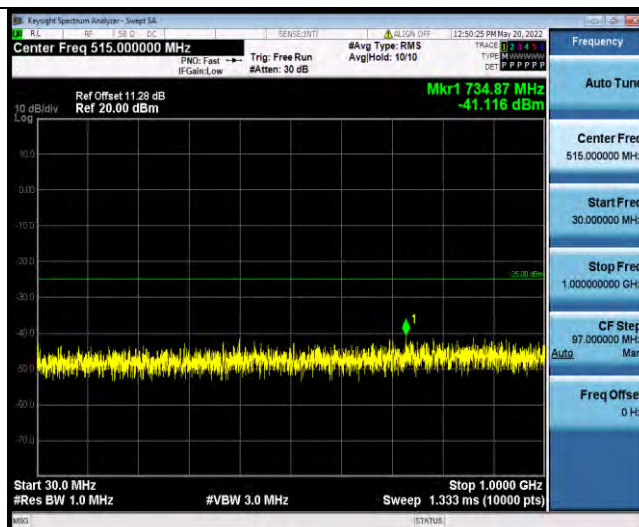


Band7-15MHz-16QAM-21100-1RB#0-Range1:30~1000MHz

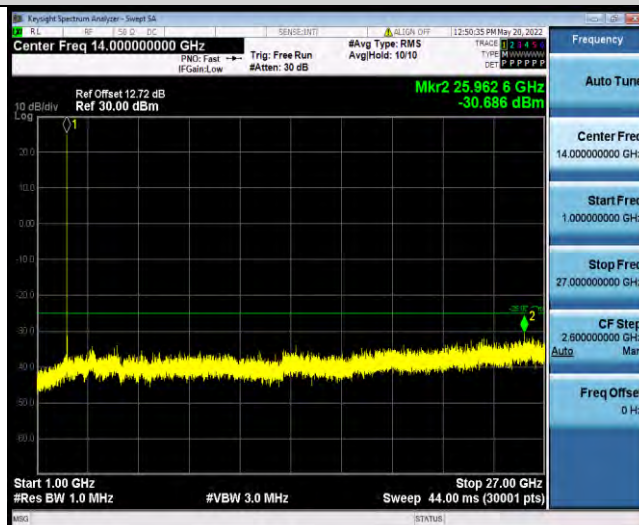


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-15MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



Band7-15MHz-16QAM-21375-1RB#0-Range1:30~1000MHz

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

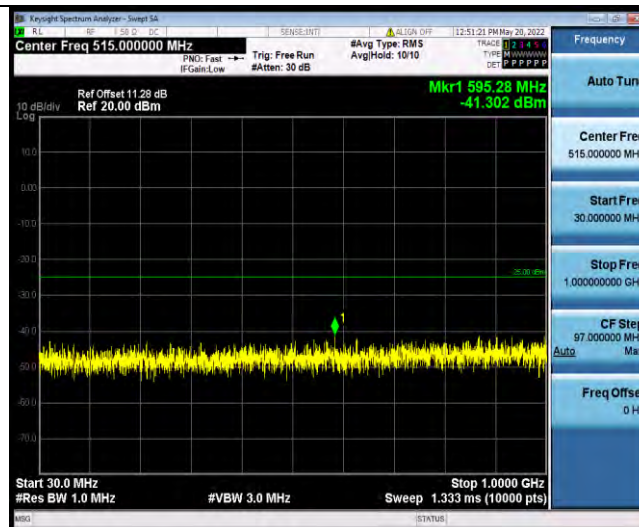
No.B102, Dazu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, China

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

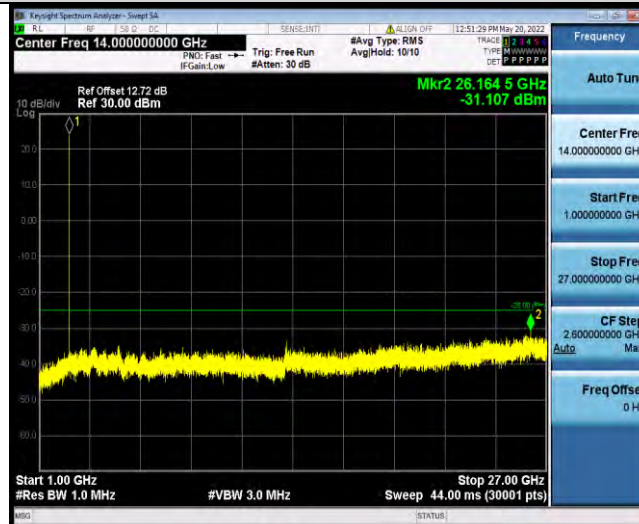


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-15MHz-16QAM-21375-1RB#0-Range2:1000~27000MHz



Band7-15MHz-64QAM-20825-1RB#0-Range1:30~1000MHz

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

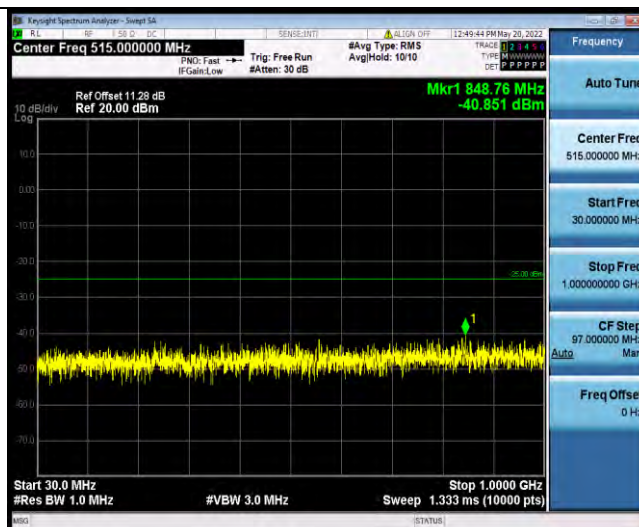
No.B102, Dazu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, China

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

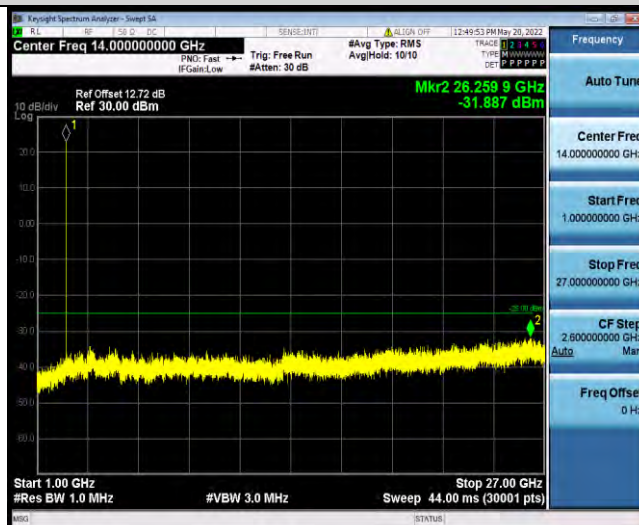


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-15MHz-64QAM-20825-1RB#0-Range2:1000~27000MHz



Band7-15MHz-64QAM-21100-1RB#0-Range1:30~1000MHz

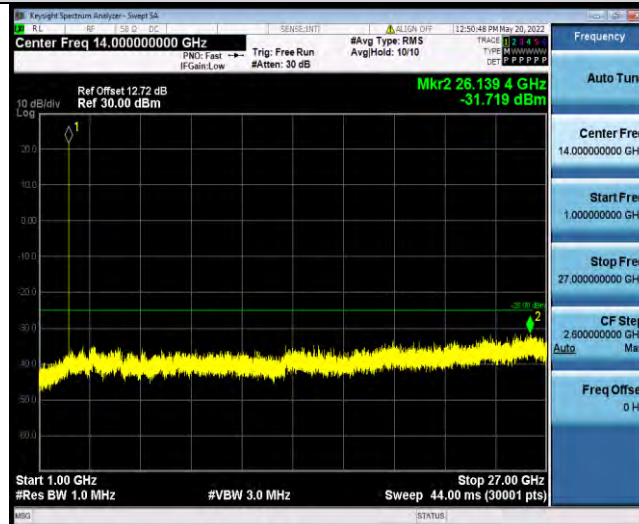


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-15MHz-64QAM-21100-1RB#0-Range2:1000~27000MHz



Band7-15MHz-64QAM-21375-1RB#0-Range1:30~1000MHz

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

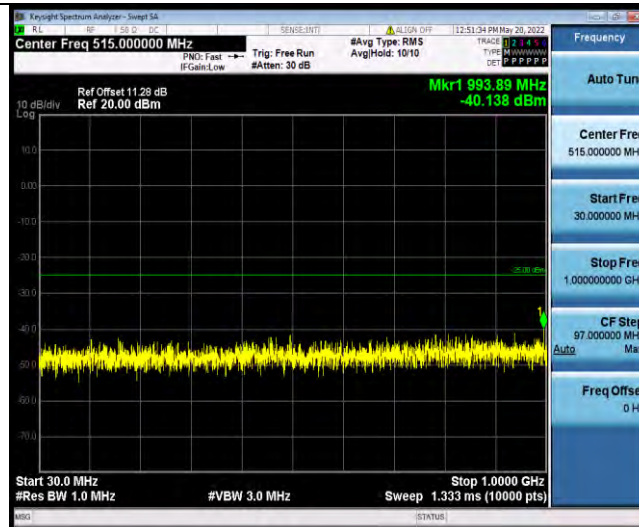
No.B102, Dazu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, China

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

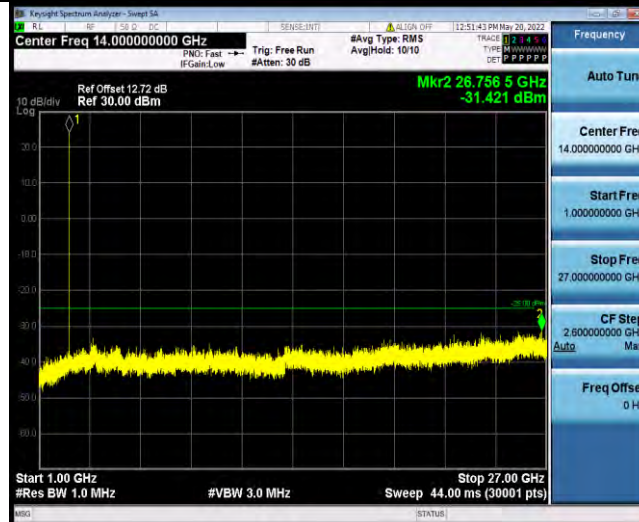


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-15MHz-64QAM-21375-1RB#0-Range2:1000~27000MHz



Band7-20MHz-QPSK-20850-1RB#0-Range1:30~1000MHz

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

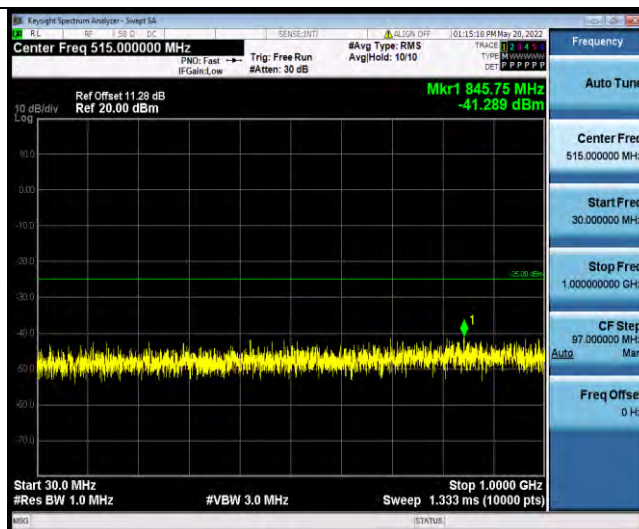
No.B102, Dazu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, China

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

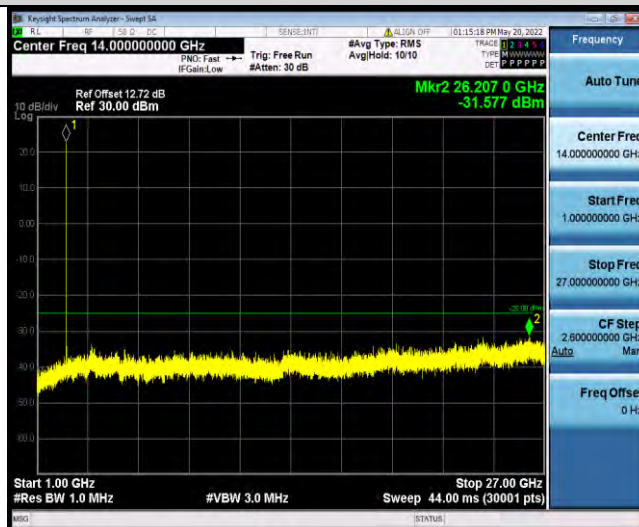


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-20MHz-QPSK-20850-1RB#0-Range2:1000~27000MHz

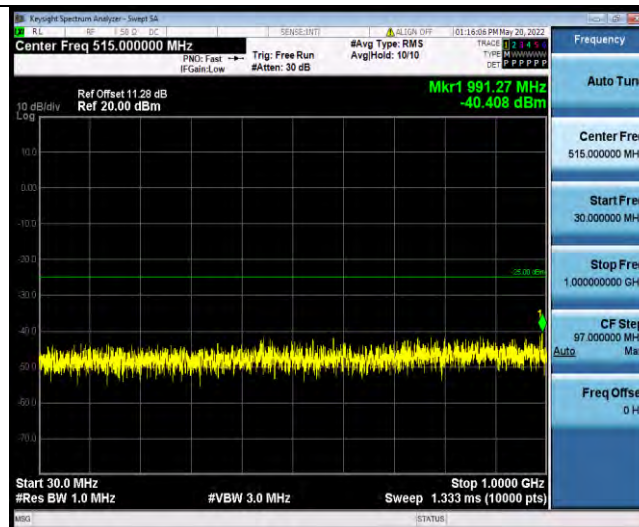


Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz

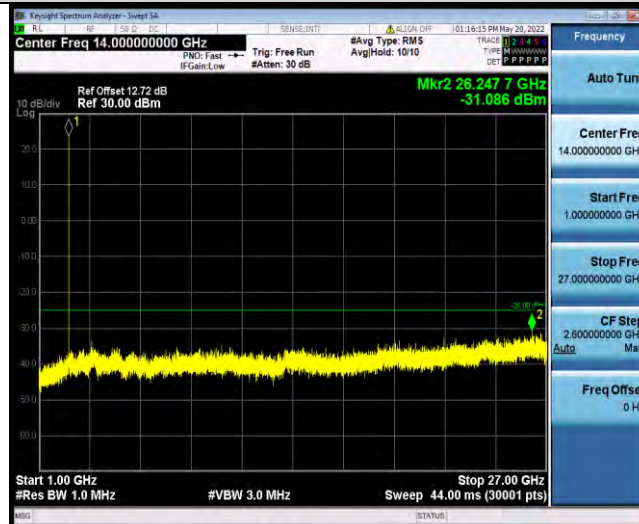


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz

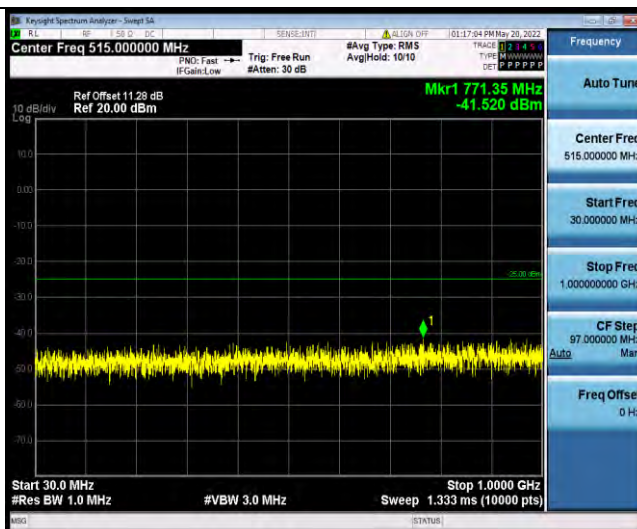


Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz

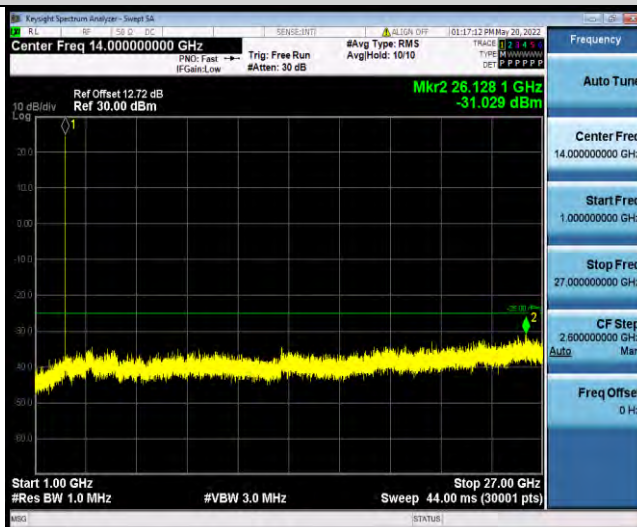


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~27000MHz

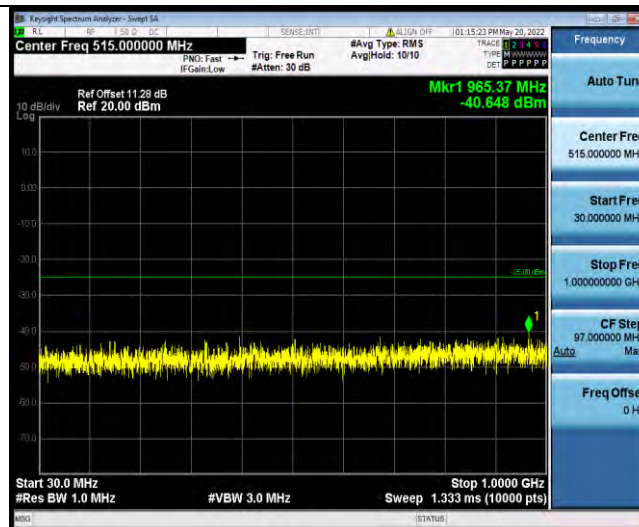


Band7-20MHz-16QAM-20850-1RB#0-Range1:30~1000MHz

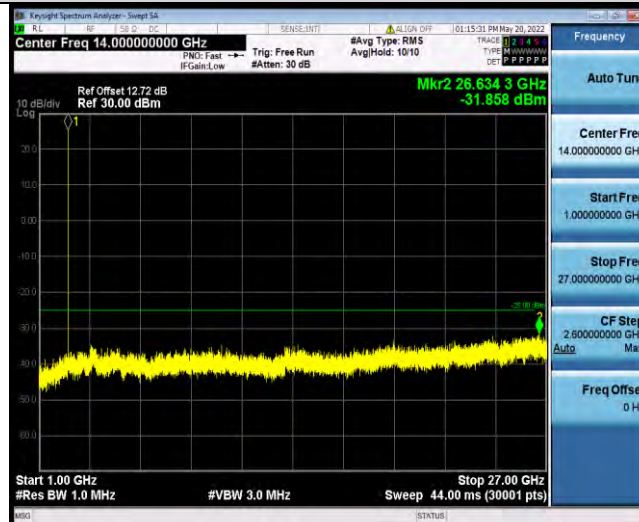


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~27000MHz

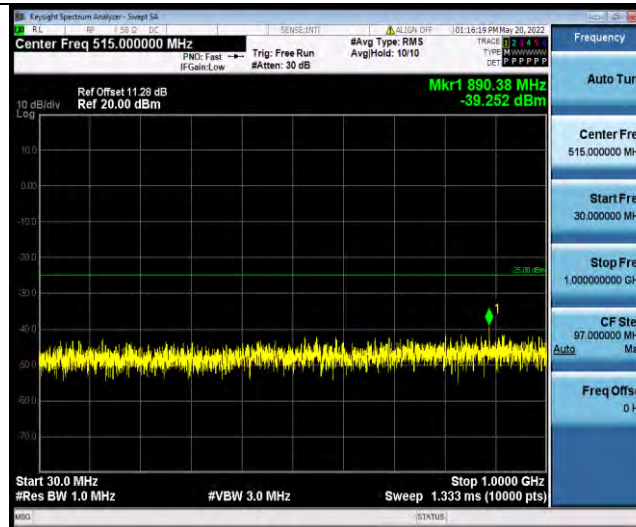


Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz

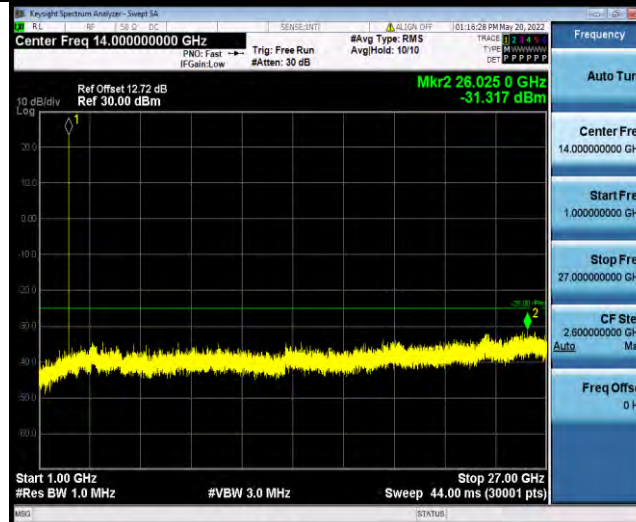


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz

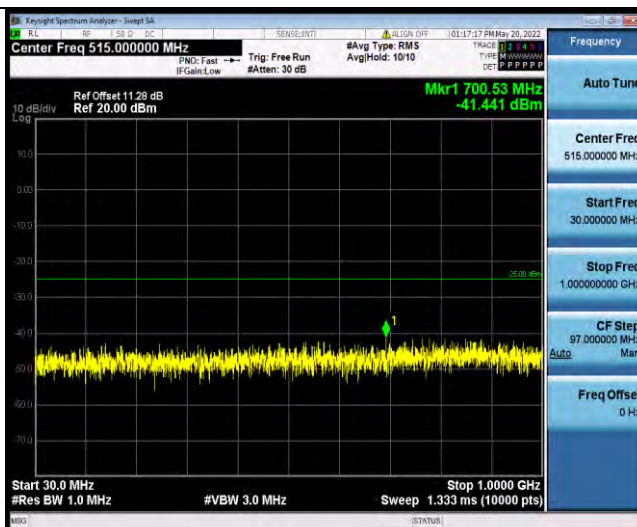


Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz

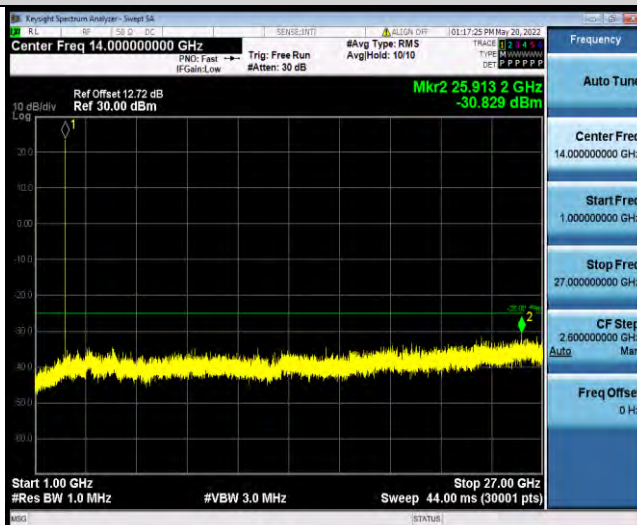


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-20MHz-16QAM-21350-1RB#0-Range2:1000~27000MHz

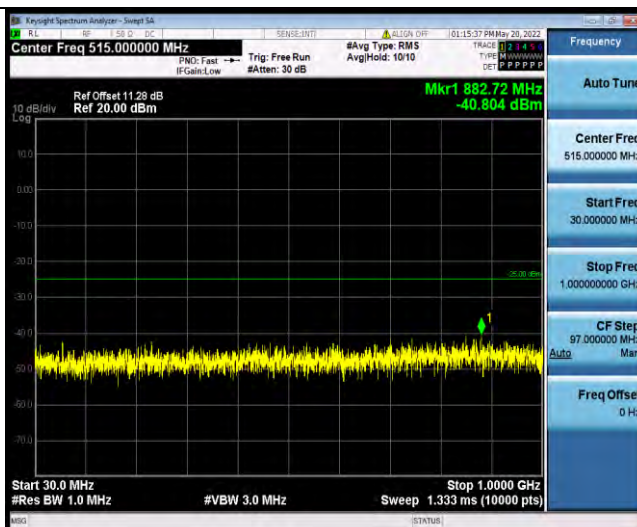


Band7-20MHz-64QAM-20850-1RB#0-Range1:30~1000MHz

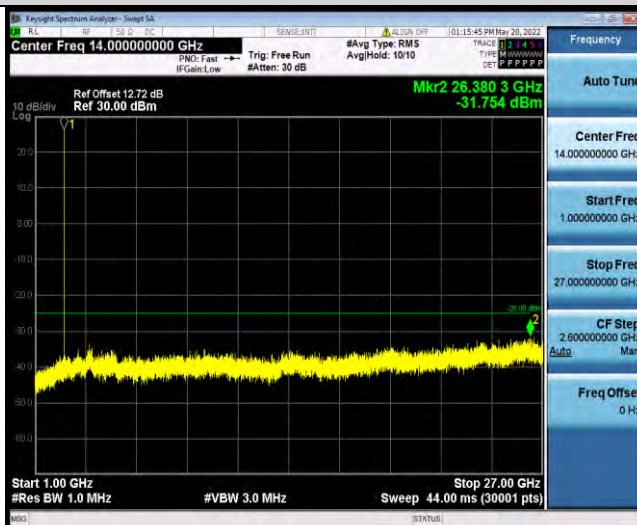


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-20MHz-64QAM-20850-1RB#0-Range2:1000~27000MHz

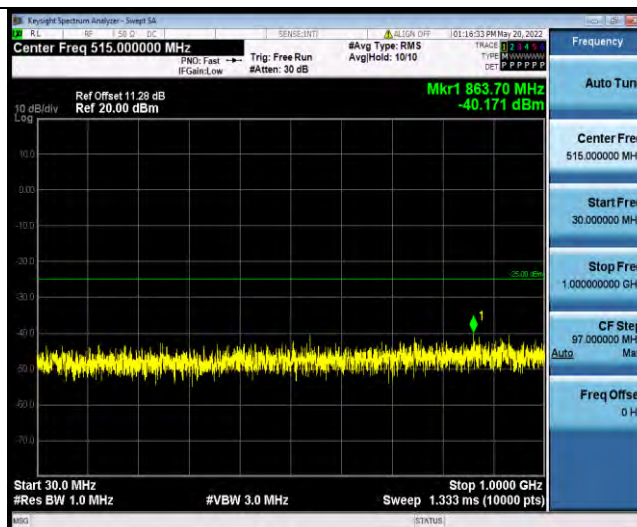


Band7-20MHz-64QAM-21100-1RB#0-Range1:30~1000MHz

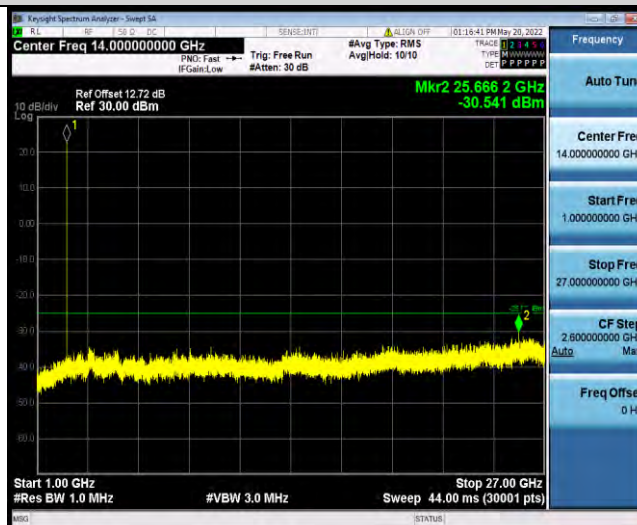


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-20MHz-64QAM-21100-1RB#0-Range2:1000~27000MHz

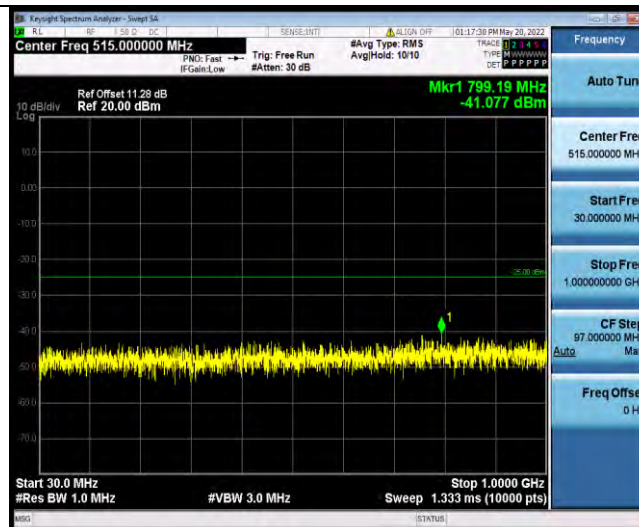


Band7-20MHz-64QAM-21350-1RB#0-Range1:30~1000MHz

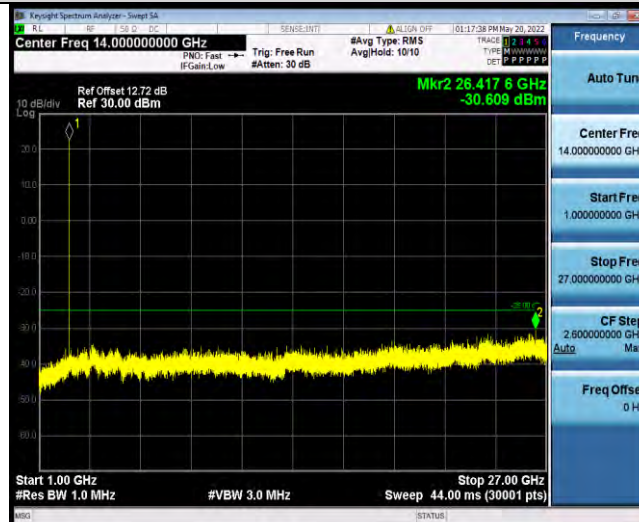


BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03



Band7-20MHz-64QAM-21350-1RB#0-Range2:1000~27000MHz



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

No.B102, Dazu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, China

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



Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	-10.90	-0.004356	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	-10.04	-0.004012	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	-9.06	-0.003620	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	11.46	0.004521	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	11.66	0.004600	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	-9.91	-0.003909	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	-18.25	-0.007108	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	-19.50	-0.007595	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	-18.78	-0.007315	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	5.92	0.002366	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	6.97	0.002785	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	-9.00	-0.003596	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	6.17	0.002434	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	-7.91	-0.003120	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	-4.75	-0.001874	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	-10.29	-0.004008	±2.5	PASS



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03

Band7	5MHz	16QAM	21425	25RB#0	VN	NT	-19.30	-0.007517	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	-22.06	-0.008592	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VL	NT	-7.93	-0.003169	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VN	NT	-5.28	-0.002110	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VH	NT	4.63	0.001850	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VL	NT	6.57	0.002592	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VN	NT	-6.87	-0.002710	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VH	NT	-9.11	-0.003594	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VL	NT	-18.45	-0.007186	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VN	NT	-13.20	-0.005141	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VH	NT	-12.89	-0.005020	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	-10.54	-0.004208	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	-11.53	-0.004603	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	2.95	0.001178	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	10.30	0.004063	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	4.33	0.001708	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	-8.47	-0.003341	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	-12.30	-0.004795	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	-8.65	-0.003372	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	10.00	0.003899	±2.5	PASS



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03

Band7	10MHz	16QAM	20800	50RB#0	VL	NT	-11.47	-0.004579	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VN	NT	3.19	0.001273	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VH	NT	-11.00	-0.004391	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VL	NT	5.19	0.002047	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VN	NT	-13.09	-0.005164	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VH	NT	11.54	0.004552	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VL	NT	13.78	0.005372	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VN	NT	-7.84	-0.003057	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VH	NT	-12.73	-0.004963	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VL	NT	12.87	0.005138	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VN	NT	7.57	0.003022	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VH	NT	7.54	0.003010	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VL	NT	5.78	0.002280	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VN	NT	5.68	0.002241	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VH	NT	11.10	0.004379	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VL	NT	-6.44	-0.002511	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VN	NT	-11.96	-0.004663	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VH	NT	8.91	0.003474	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	12.26	0.004889	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	-10.77	-0.004295	±2.5	PASS



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03

Band7	15MHz	QPSK	20825	75RB#0	VH	NT	7.50	0.002991	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	-8.30	-0.003274	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VN	NT	-8.83	-0.003483	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	-9.13	-0.003602	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	-5.74	-0.002240	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	-7.22	-0.002818	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	-5.85	-0.002283	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VL	NT	-9.07	-0.003617	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VN	NT	-10.27	-0.004096	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VH	NT	-11.04	-0.004403	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VL	NT	15.16	0.005980	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VN	NT	-13.18	-0.005199	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VH	NT	-10.40	-0.004103	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VL	NT	-2.89	-0.001128	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VN	NT	-3.55	-0.001385	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VH	NT	8.31	0.003243	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VL	NT	7.07	0.002820	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VN	NT	3.63	0.001448	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VH	NT	-5.56	-0.002217	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VL	NT	8.58	0.003385	±2.5	PASS



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03

Band7	15MHz	64QAM	21100	75RB#0	VN	NT	-9.73	-0.003838	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VH	NT	5.82	0.002296	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VL	NT	-5.79	-0.002260	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VN	NT	10.33	0.004031	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VH	NT	-8.40	-0.003278	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	-17.97	-0.007159	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	-16.64	-0.006629	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	-17.95	-0.007151	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	10.79	0.004256	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-7.34	-0.002895	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	11.86	0.004679	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	12.17	0.004754	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	-5.87	-0.002293	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	-3.39	-0.001324	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	-15.61	-0.006219	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	-17.57	-0.007000	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	-22.19	-0.008841	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	-11.20	-0.004418	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-10.63	-0.004193	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	10.00	0.003945	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-220214W001RF03

Band7	20MHz	16QAM	21350	100RB#0	VL	NT	6.17	0.002410	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	9.34	0.003648	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	-6.68	-0.002609	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	-19.53	-0.007781	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	-10.60	-0.004223	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	-8.05	-0.003207	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	8.35	0.003294	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	-8.40	-0.003314	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	11.09	0.004375	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	-6.95	-0.002715	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	-8.54	-0.003336	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	11.23	0.004387	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	10.59	0.004232	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	-6.58	-0.002629	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	8.68	0.003469	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	-8.18	-0.003269	±2.5	PASS



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF03

Band7	5MHz	QPSK	20775	25RB#0	NV	20	6.79	0.002713	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	30	10.46	0.004180	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	40	8.05	0.003217	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	50	13.09	0.005231	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	10.39	0.004099	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	2.96	0.001168	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	6.57	0.002592	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	8.73	0.003444	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-5.75	-0.002268	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	30	8.93	0.003523	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	40	6.82	0.002690	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	50	12.59	0.004966	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	-9.78	-0.003809	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	-4.84	-0.001885	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	-13.45	-0.005239	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	9.00	0.003505	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	-13.03	-0.005075	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	30	3.48	0.001355	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	40	-7.62	-0.002968	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	50	-16.95	-0.006602	±2.5	PASS