

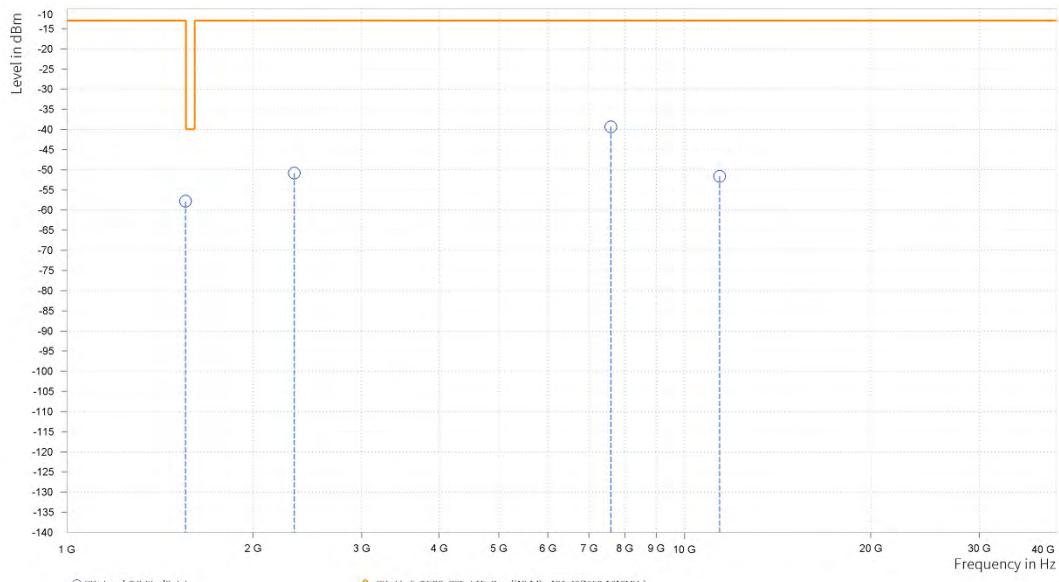


BUREAU  
VERITAS Test Report No.: PSU-NQN2412090110RF12

CHANNEL BANDWIDTH: (10+100) MHz

MODE	TX channel 23230/633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Hanwen Xu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,555.000	-57.80	-13.00	44.80	12.79	H	40.2	2.00
3	2,332.500	-50.85	-13.00	37.85	19.37	H	1	2.00
5	7,590.000	-39.32	-13.00	26.32	32.44	H	77	2.00
6	11,385.000	-51.61	-13.00	38.61	19.37	H	359	2.00

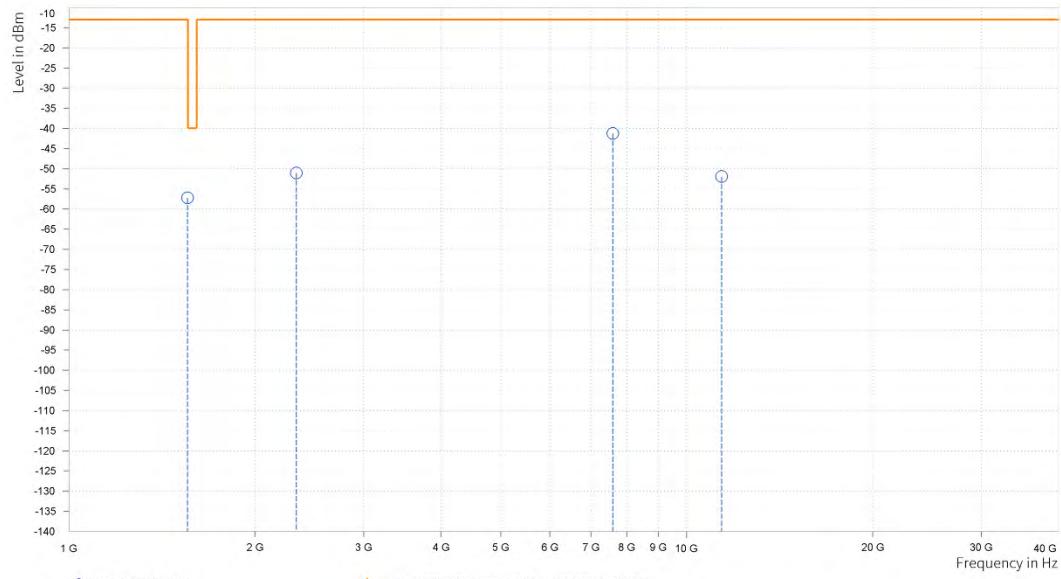




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ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Hanwen Xu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,555.000	-57.22	-13.00	44.22	14.13	V	1	2.00
3	2,332.500	-51.04	-13.00	38.04	19.96	V	261	1.00
5	7,590.000	-41.25	-13.00	28.25	32.22	V	1	2.00
6	11,385.000	-51.94	-13.00	38.94	19.43	V	349.5	1.00



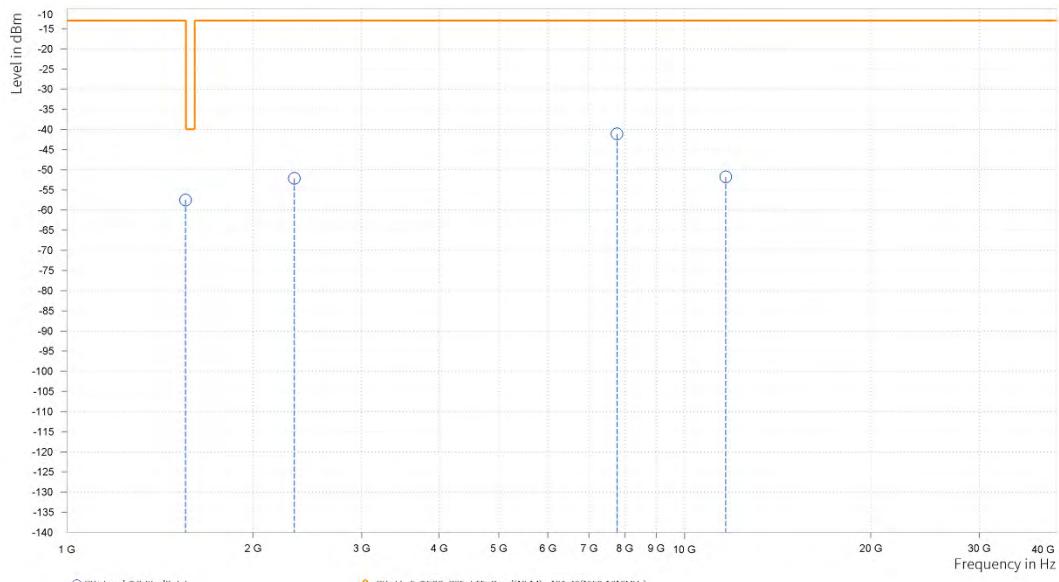


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MODE	TX channel 23230/633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Hanwen Xu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,555.000	-57.47	-13.00	44.47	12.79	H	1	2.00
3	2,332.500	-52.14	-13.00	39.14	19.37	H	0.9	2.00
5	7,770.000	-41.10	-13.00	28.10	32.95	H	225.6	2.00
6	11,655.000	-51.79	-13.00	38.79	20.11	H	1	1.00

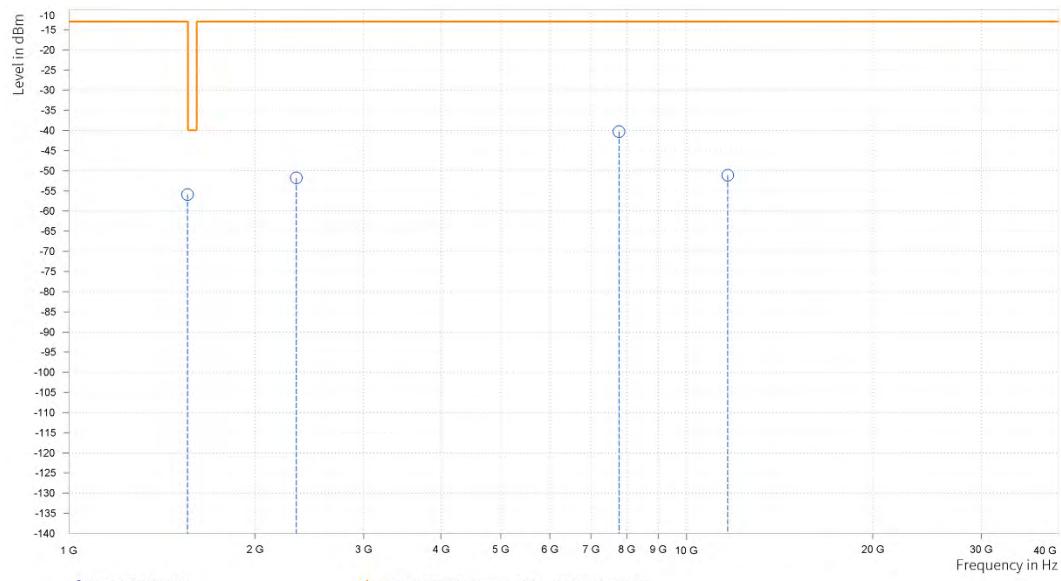




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ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Hanwen Xu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,555.000	-55.87	-13.00	42.87	14.13	V	38	2.00
3	2,332.500	-51.77	-13.00	38.77	19.96	V	340.3	1.00
5	7,770.000	-40.30	-13.00	27.30	32.72	V	358.9	1.00
6	11,655.000	-51.07	-13.00	38.07	20.42	V	5.2	2.00





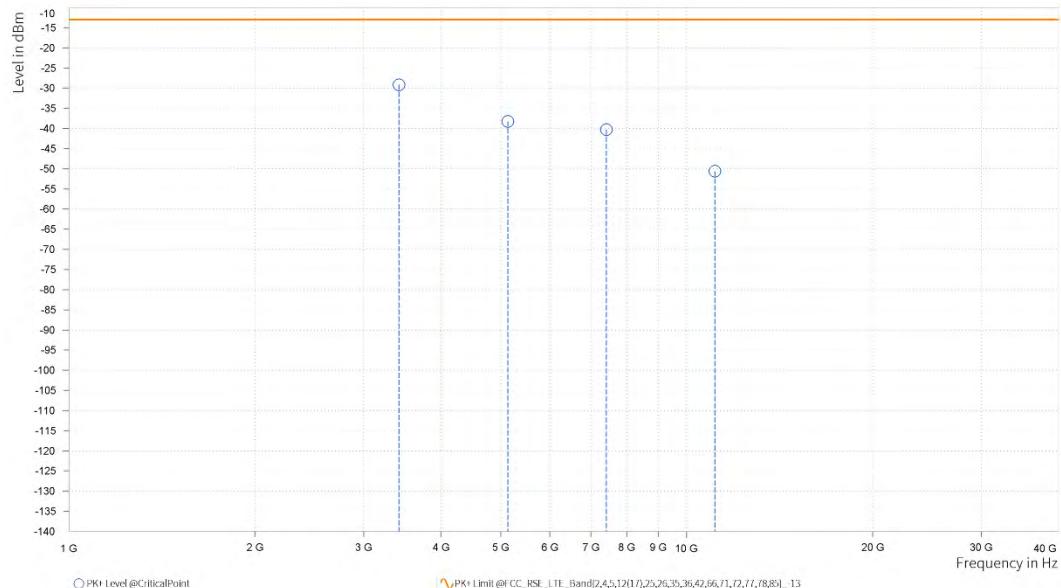
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VERITAS Test Report No.: PSU-NQN2412090110RF12

DC\_66A-N77A (Part 27Q):

CHANNEL BANDWIDTH: (20+100) MHz

MODE	TX channel 132072/633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Hanwen Xu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

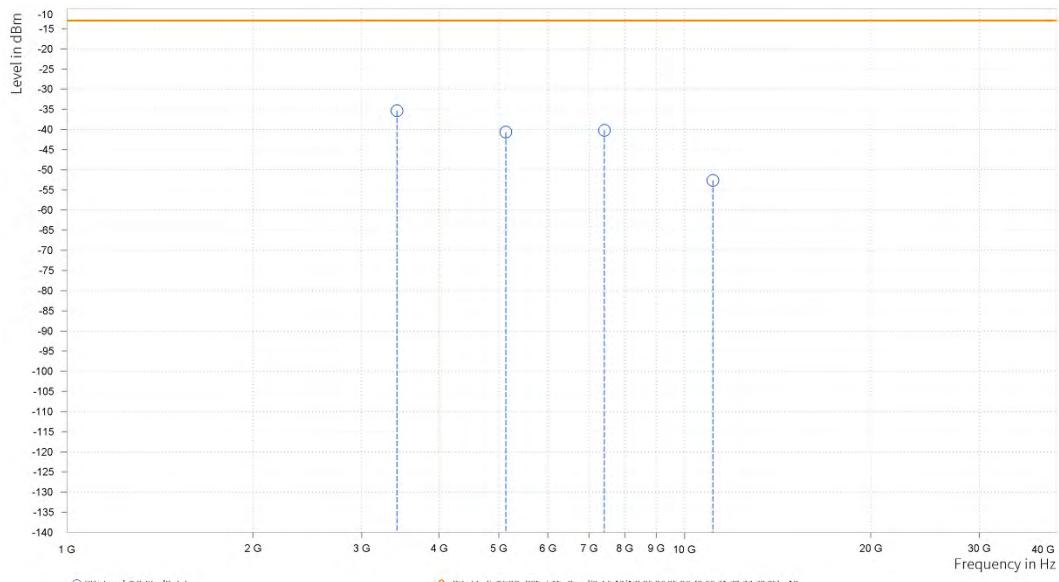
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	3,422.000	-29.16	-13.00	16.16	30.61	H	337.5	1.00
4	5,133.000	-38.23	-13.00	25.23	33.84	H	235.6	1.00
5	7,410.000	-40.28	-13.00	27.28	32.94	H	225.5	2.00
6	11,115.000	-50.60	-13.00	37.60	19.05	H	352.9	1.00





MODE	TX channel 132072/633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Hanwen Xu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	3,422.500	-35.38	-13.00	22.38	30.97	V	359.1	1.00
4	5,133.000	-40.66	-13.00	27.66	34.16	V	359	2.00
5	7,410.000	-40.18	-13.00	27.18	32.90	V	39.5	2.00
6	11,115.000	-52.60	-13.00	39.60	19.22	V	0.9	2.00



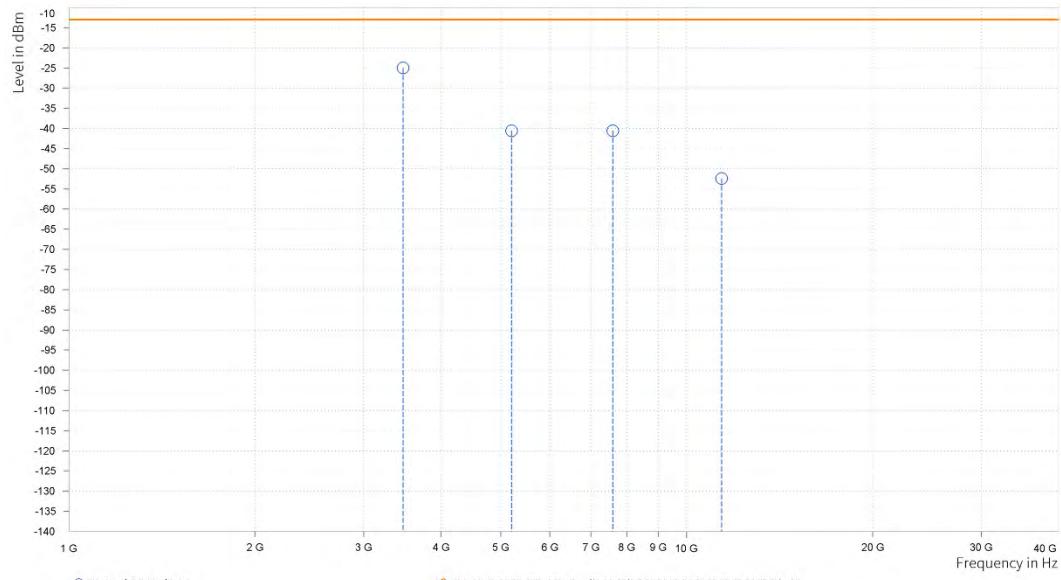


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VERITAS Test Report No.: PSU-NQN2412090110RF12

CHANNEL BANDWIDTH: (20+100) MHz

MODE	TX channel 132322/633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Hanwen Xu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	3,472.000	-24.98	-13.00	11.98	30.49	H	320.5	1.00
4	5,208.000	-40.55	-13.00	27.55	34.13	H	359.1	1.00
5	7,590.000	-40.56	-13.00	27.56	32.44	H	359.1	1.00
6	11,385.000	-52.40	-13.00	39.40	19.37	H	247.6	1.00

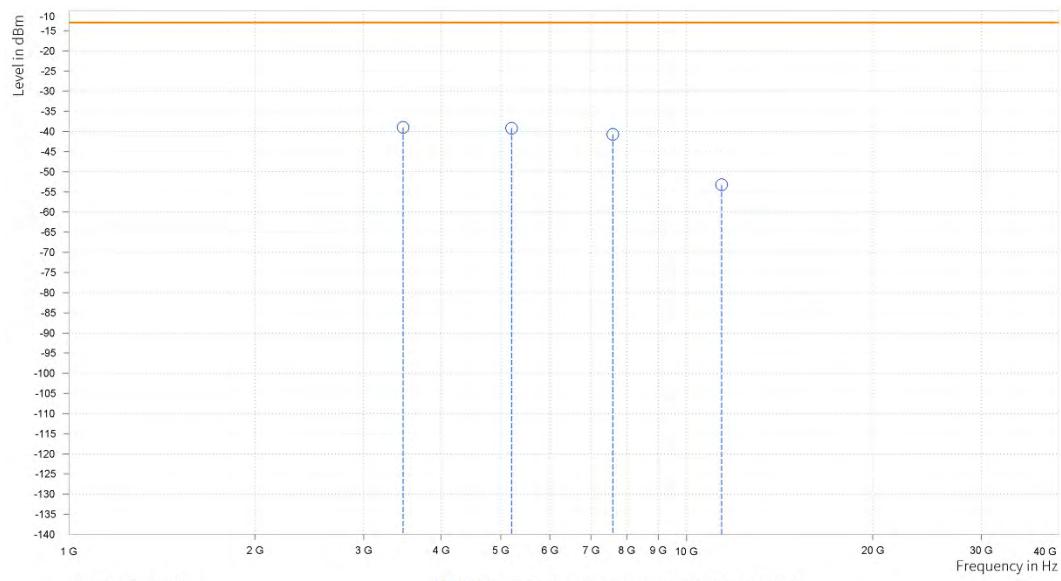




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VERITAS Test Report No.: PSU-NQN2412090110RF12

MODE	TX channel 132322/ 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Hanwen Xu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	3,472.000	-38.99	-13.00	25.99	31.21	V	43.7	2.00
4	5,208.000	-39.17	-13.00	26.17	34.72	V	131.4	2.00
5	7,590.000	-40.71	-13.00	27.71	32.22	V	123	2.00
6	11,385.000	-53.24	-13.00	40.24	19.43	V	26	2.00



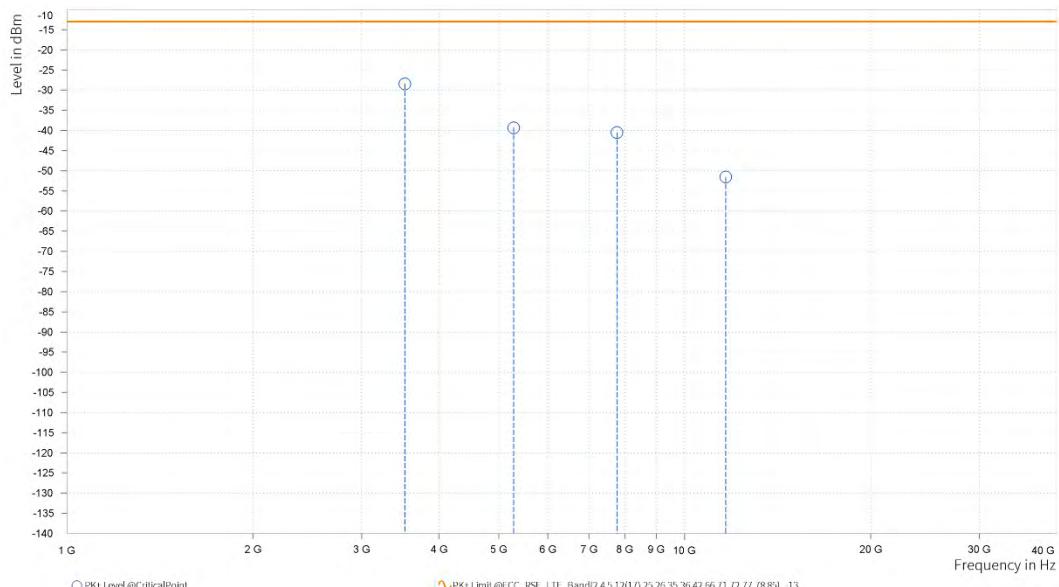


BUREAU  
VERITAS Test Report No.: PSU-NQN2412090110RF12

CHANNEL BANDWIDTH: (20+100) MHz

MODE	TX channel 132572/633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Hanwen Xu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	3,521.500	-28.43	-13.00	15.43	30.84	H	317.6	1.00
4	5,283.000	-39.33	-13.00	26.33	34.39	H	317.6	1.00
5	7,770.000	-40.47	-13.00	27.47	32.95	H	236.2	1.00
6	11,655.000	-51.52	-13.00	38.52	20.11	H	161.2	1.00

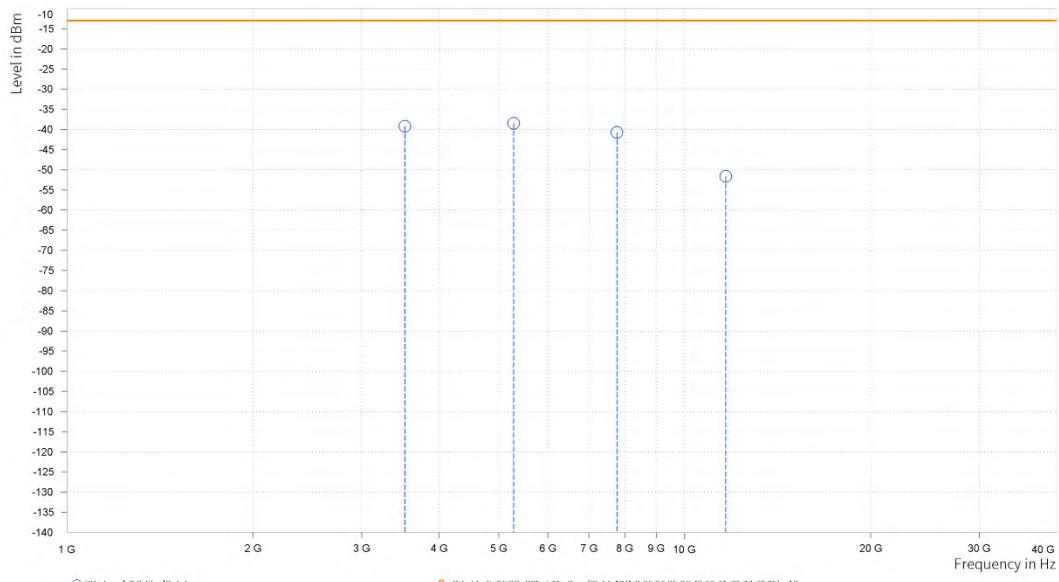




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ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Hanwen Xu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	3,522.000	-39.22	-13.00	26.22	31.43	V	42.3	2.00
4	5,283.000	-38.48	-13.00	25.48	34.90	V	129.4	2.00
5	7,770.000	-40.73	-13.00	27.73	32.72	V	255.4	1.00
6	11,655.000	-51.64	-13.00	38.64	20.42	V	112.4	2.00



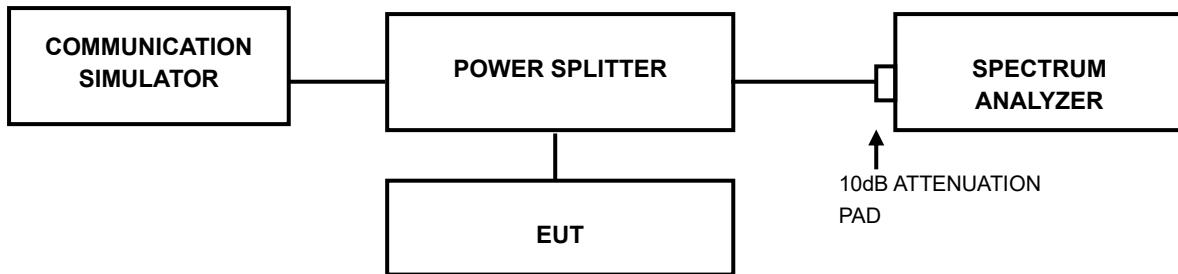


### 3.7 PEAK TO AVERAGE RATIO

#### 3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB

#### 3.7.2 TEST SETUP



#### 3.7.3 TEST PROCEDURES

1. Set resolution/measurement bandwidth  $\geq$  signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PAPR level associated with a probability of 0.1%.



**BUREAU  
VERITAS** Test Report No.: PSU-NQN2412090110RF12

### 3.7.4 TEST RESULTS

Please Refer to Appendix A Of this test report.



## 4 INFORMATION ON THE TESTING LABORATORIES

We, Huarui 7layers High Technology (Suzhou) Co., Ltd. ,were founded in 2020 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

Huarui 7Layers High Technology (Suzhou) Co., Ltd.

Lab Address:

Tower N, Innovation Center, 88 Zuyi Road, High-tech District, Suzhou City, Anhui Province

Accredited Test Lab Cert 6613.01

If you have any comments, please feel free to contact us at the following:

**Suzhou EMC/RF Lab:**

Tel: +86 (0557) 368 1008



**BUREAU  
VERITAS** Test Report No.: PSU-NQN2412090110RF12

## 5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

--END--