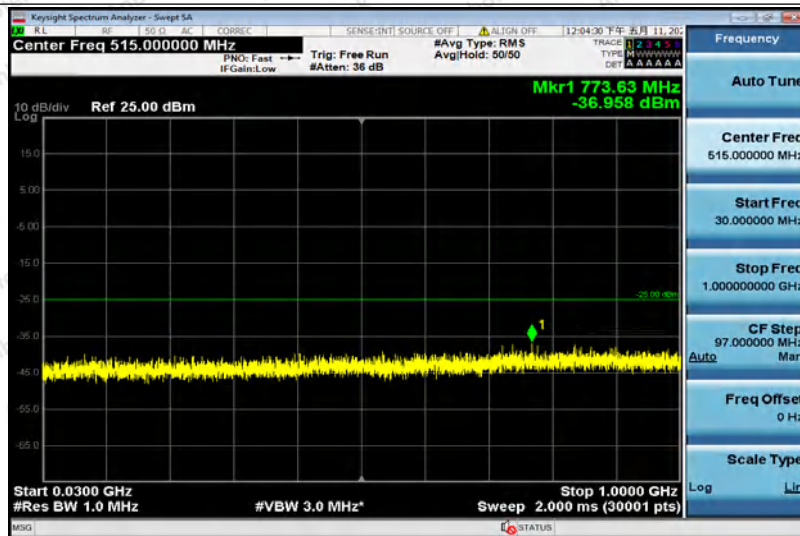
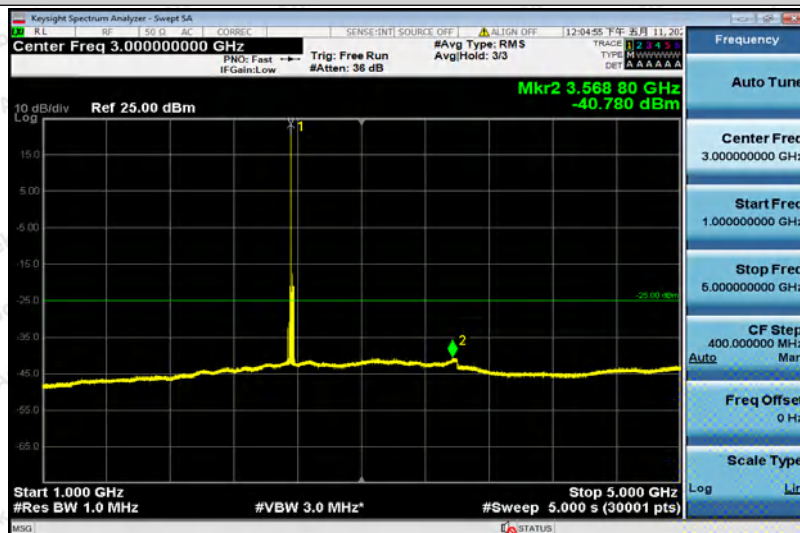
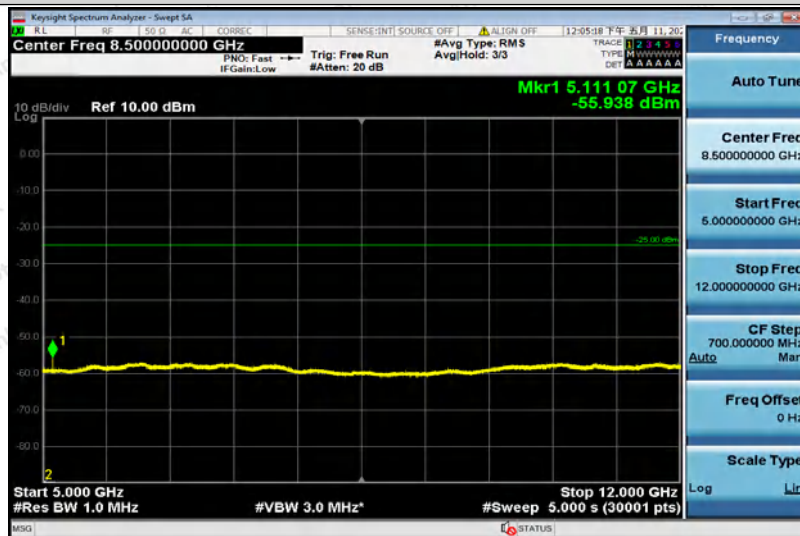




Band41-10MHz-QPSK-40290-1RB#0-Range2:1000~5000MHz



Band41-10MHz-QPSK-40290-1RB#0-Range3:5000~12000MHz



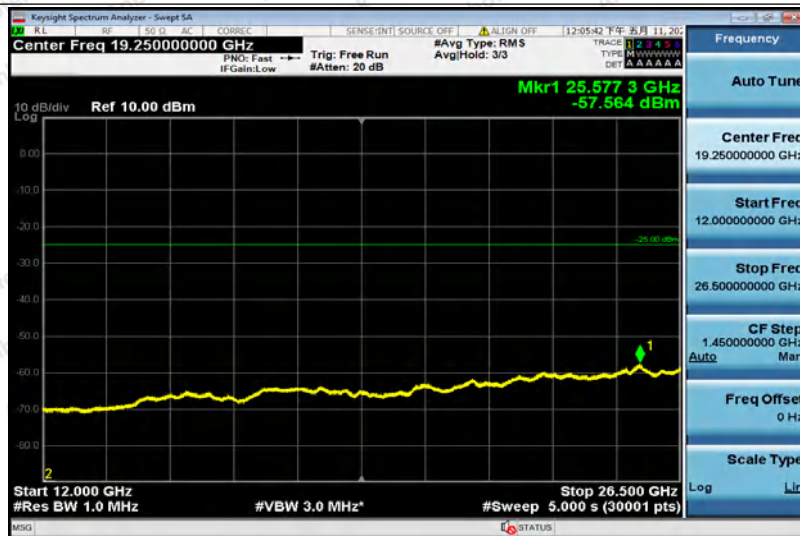
Band41-10MHz-QPSK-40290-1RB#0-Range4:12000~26500MHz

Shenzhen Anbotek Compliance Laboratory Limited

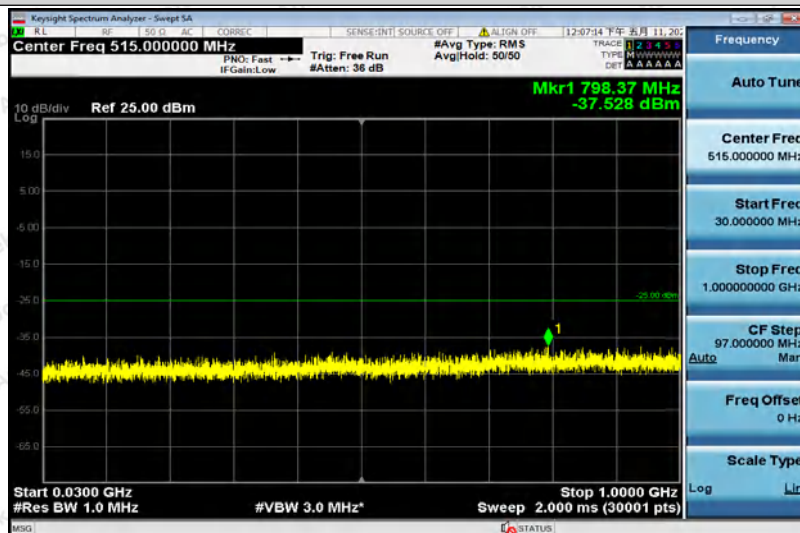
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

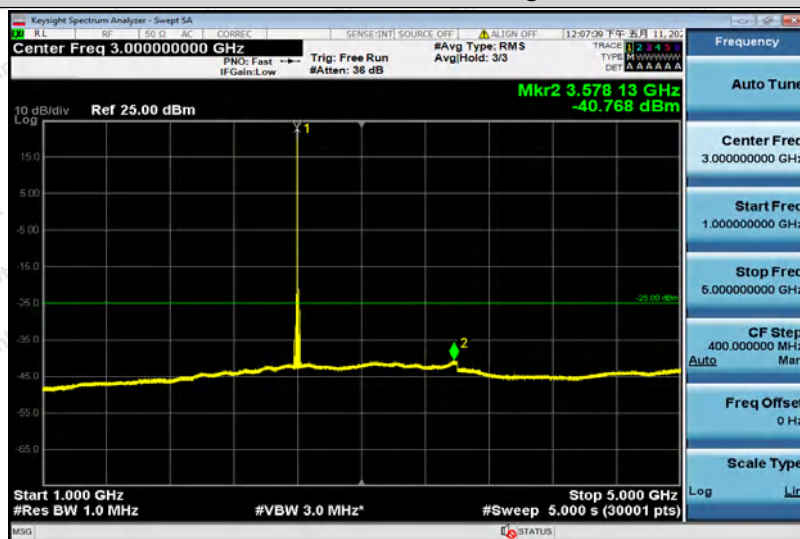
Hotline
400-003-0500
www.anbotek.com



Band41-10MHz-QPSK-40690-1RB#0-Range1:30~1000MHz



Band41-10MHz-QPSK-40690-1RB#0-Range2:1000~5000MHz



Band41-10MHz-QPSK-40690-1RB#0-Range3:5000~12000MHz

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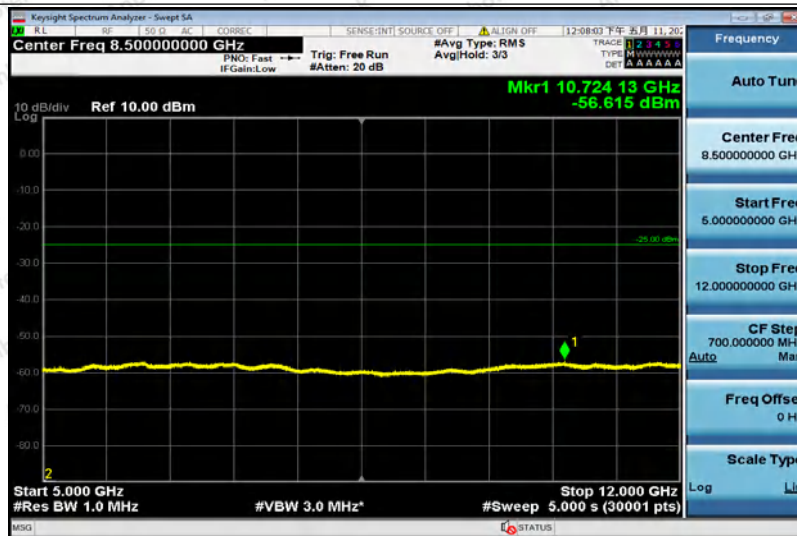
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

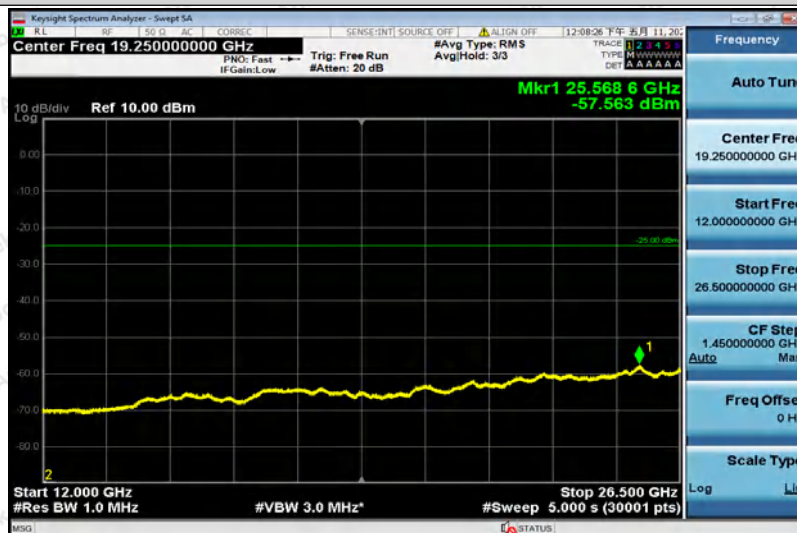


Hotline

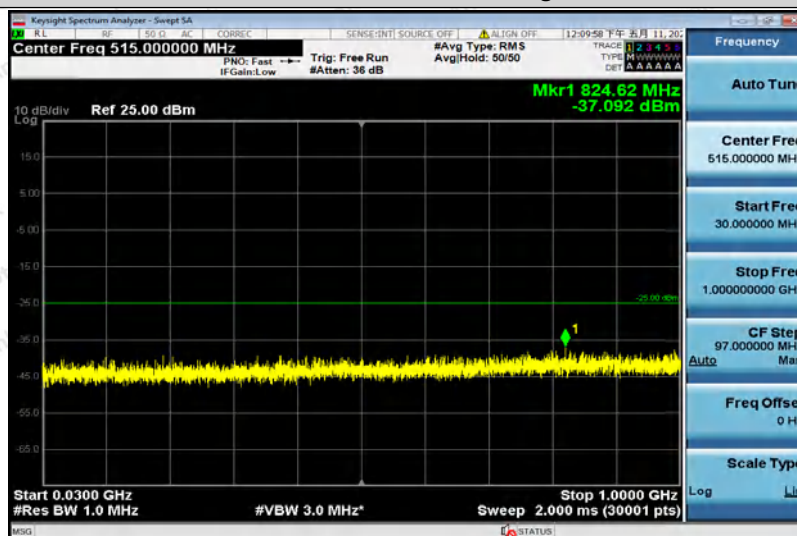
400-003-0500
www.anbotek.com



Band41-10MHz-QPSK-40690-1RB#0-Range4:12000~26500MHz



Band41-10MHz-QPSK-41190-1RB#0-Range1:30~1000MHz



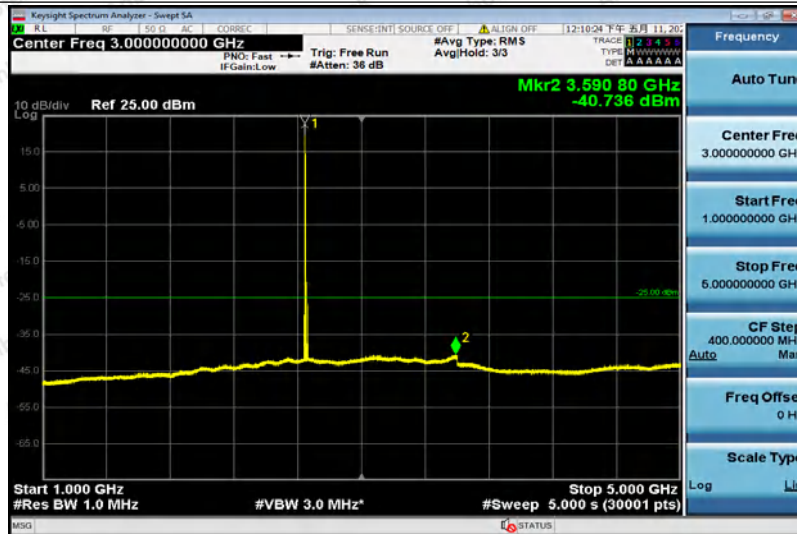
Band41-10MHz-QPSK-41190-1RB#0-Range2:1000~5000MHz

Shenzhen Anbotek Compliance Laboratory Limited

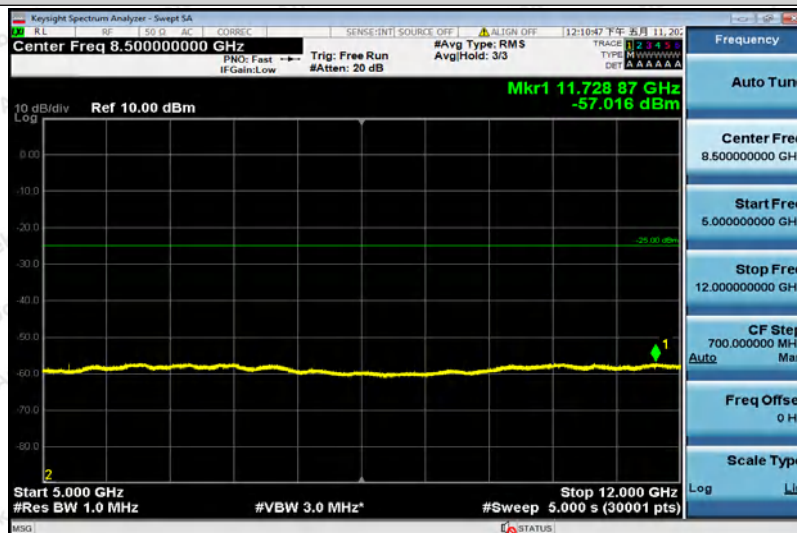
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

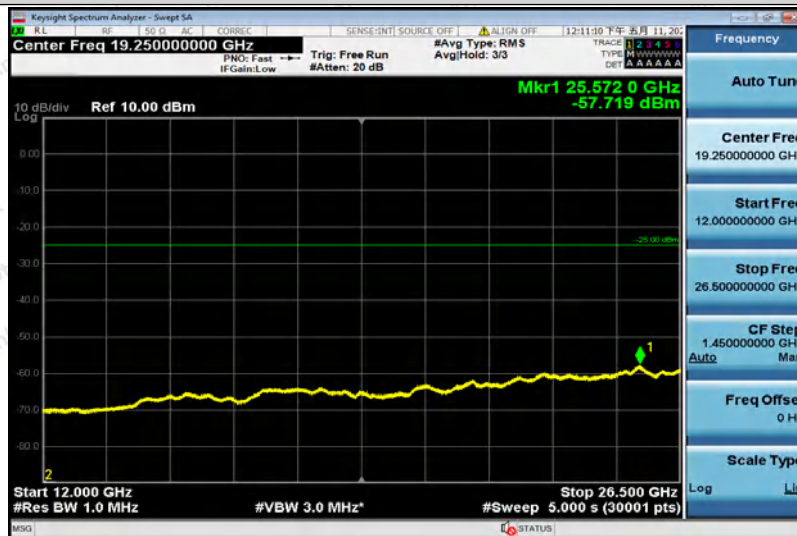
Hotline
400-003-0500
www.anbotek.com



Band41-10MHz-QPSK-41190-1RB#0-Range3:5000~12000MHz



Band41-10MHz-QPSK-41190-1RB#0-Range4:12000~26500MHz



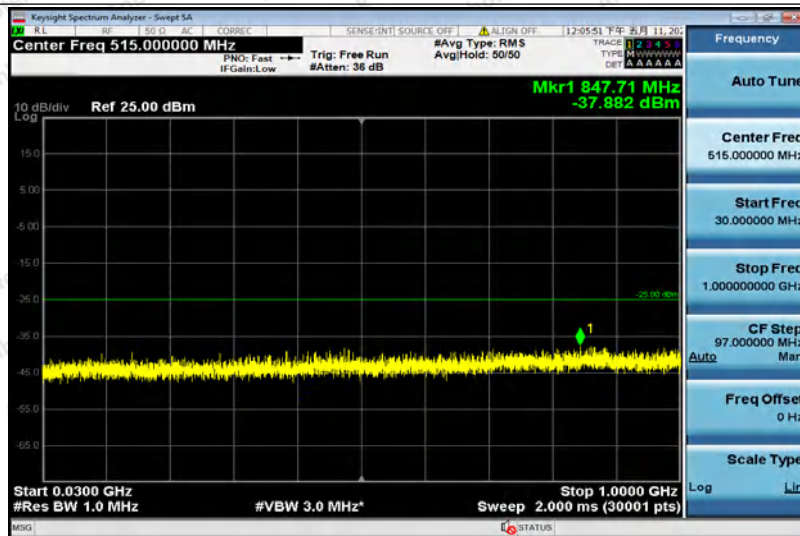
Band41-10MHz-16QAM-40290-1RB#0-Range1:30~1000MHz

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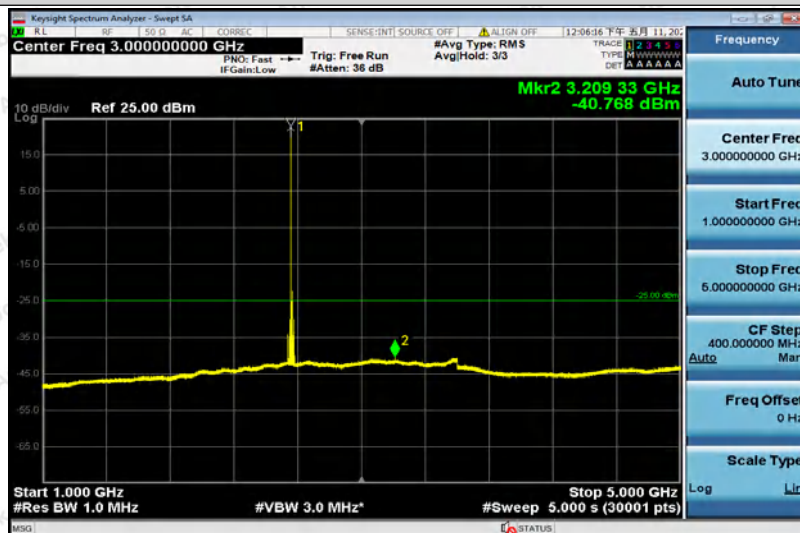
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

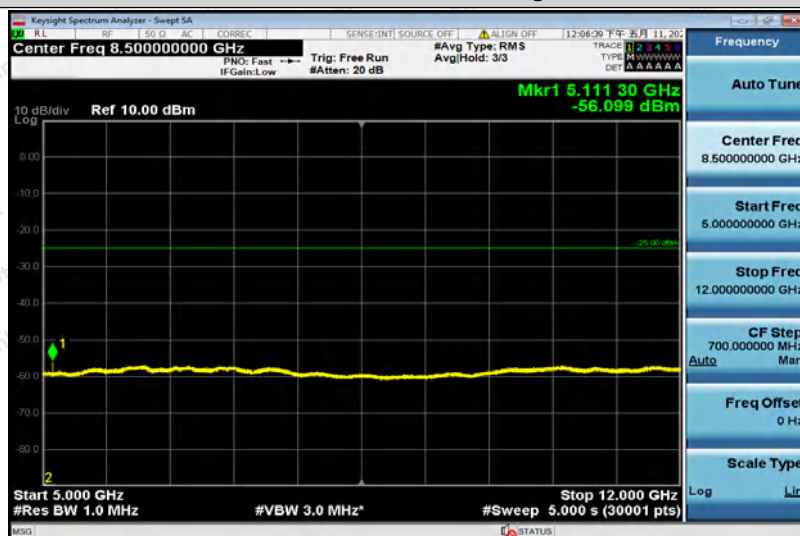
Hotline
400-003-0500
www.anbotek.com



Band41-10MHz-16QAM-40290-1RB#0-Range2:1000~5000MHz



Band41-10MHz-16QAM-40290-1RB#0-Range3:5000~12000MHz



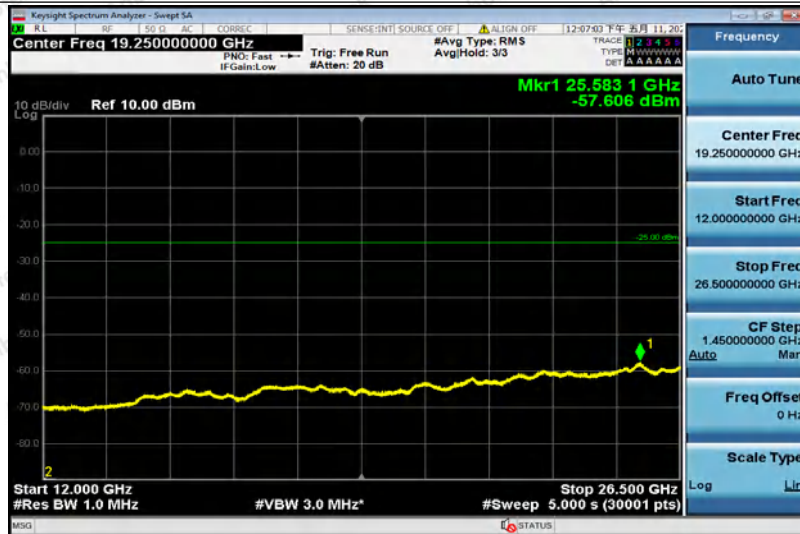
Band41-10MHz-16QAM-40290-1RB#0-Range4:12000~26500MHz

Shenzhen Anbotek Compliance Laboratory Limited

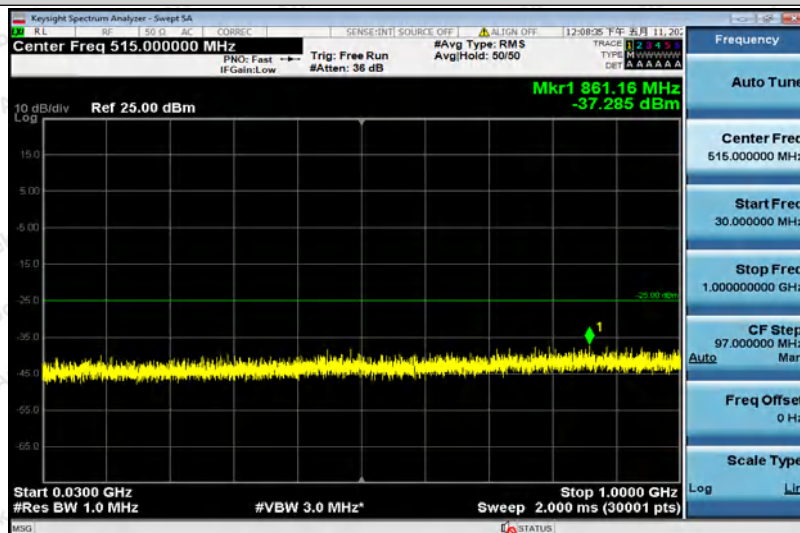
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

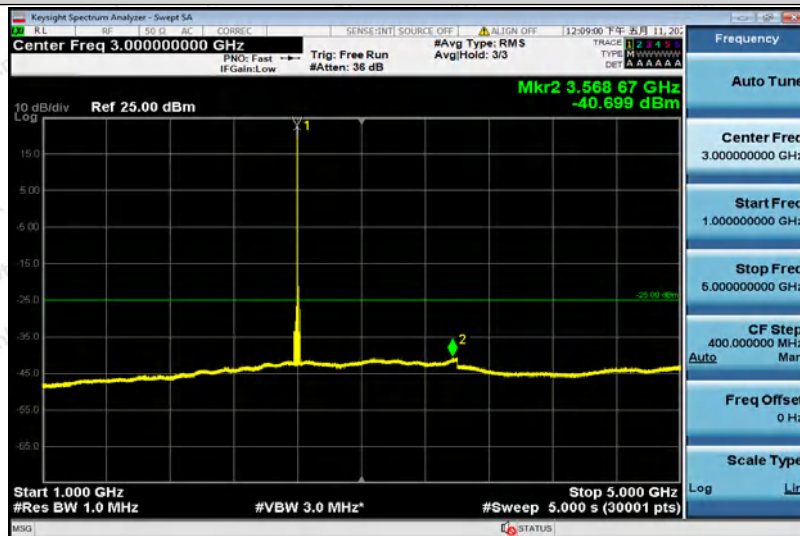
Hotline
400-003-0500
www.anbotek.com



Band41-10MHz-16QAM-40690-1RB#0-Range1:30~1000MHz



Band41-10MHz-16QAM-40690-1RB#0-Range2:1000~5000MHz



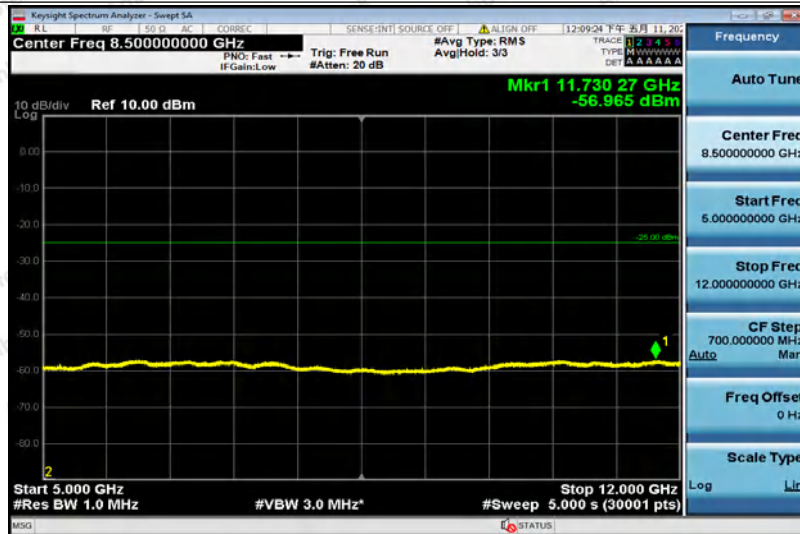
Band41-10MHz-16QAM-40690-1RB#0-Range3:5000~12000MHz

Shenzhen Anbotech Compliance Laboratory Limited

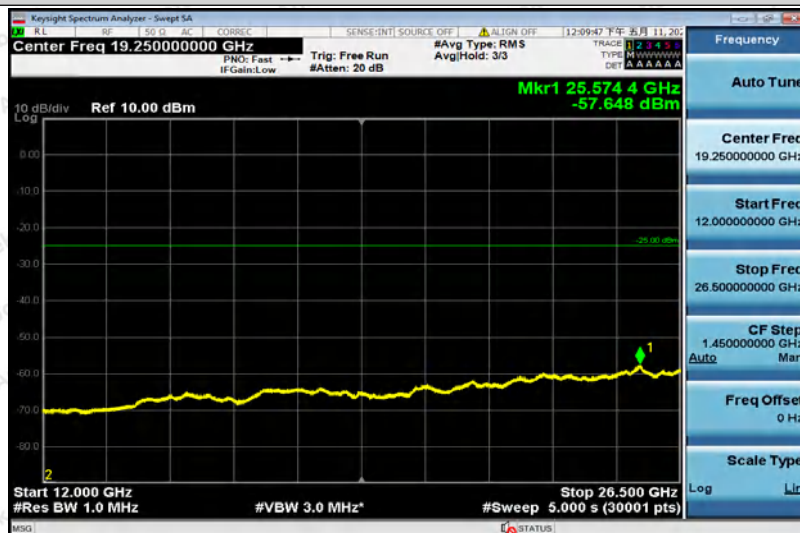
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

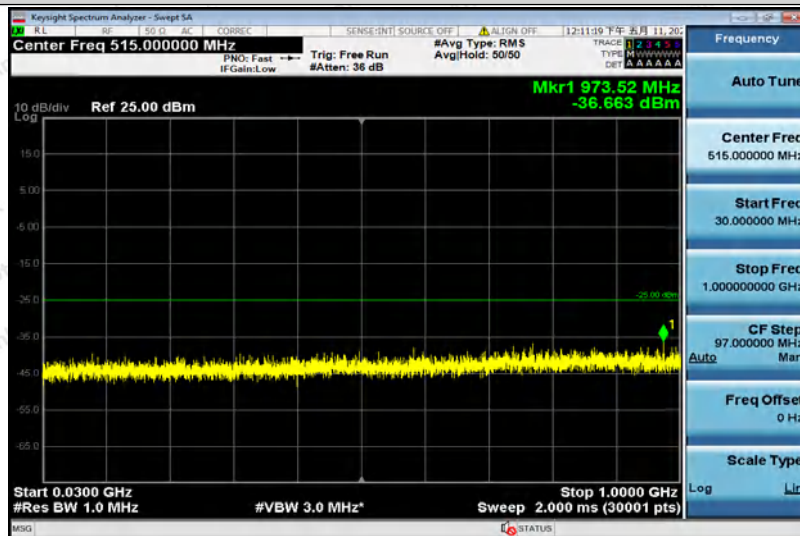
Hotline
400-003-0500
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Band41-10MHz-16QAM-40690-1RB#0-Range4:12000~26500MHz



Band41-10MHz-16QAM-41190-1RB#0-Range1:30~1000MHz



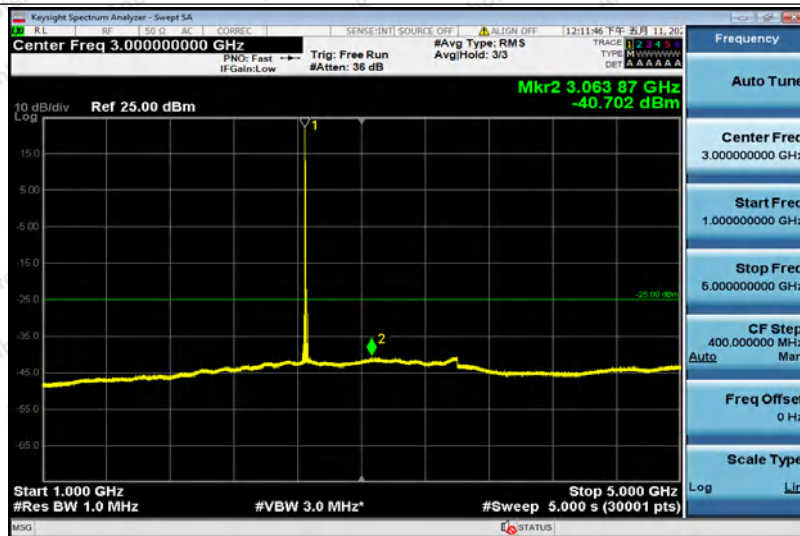
Band41-10MHz-16QAM-41190-1RB#0-Range2:1000~5000MHz

Shenzhen Anbotek Compliance Laboratory Limited

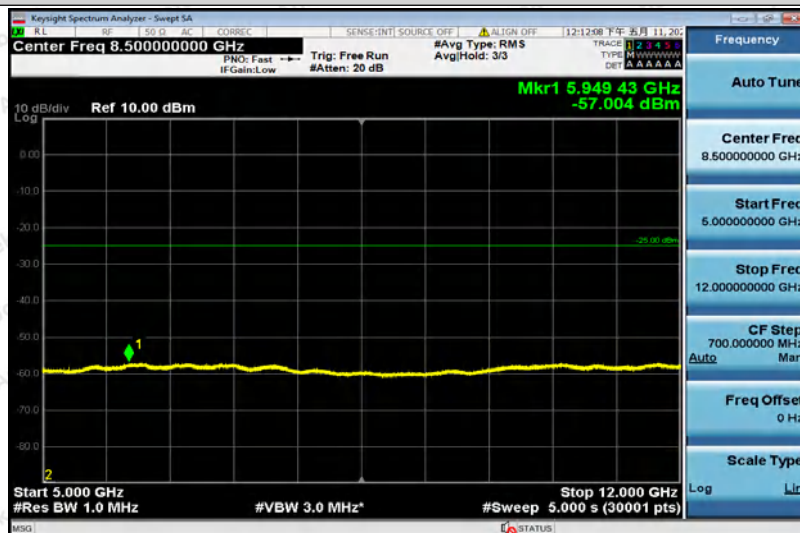
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

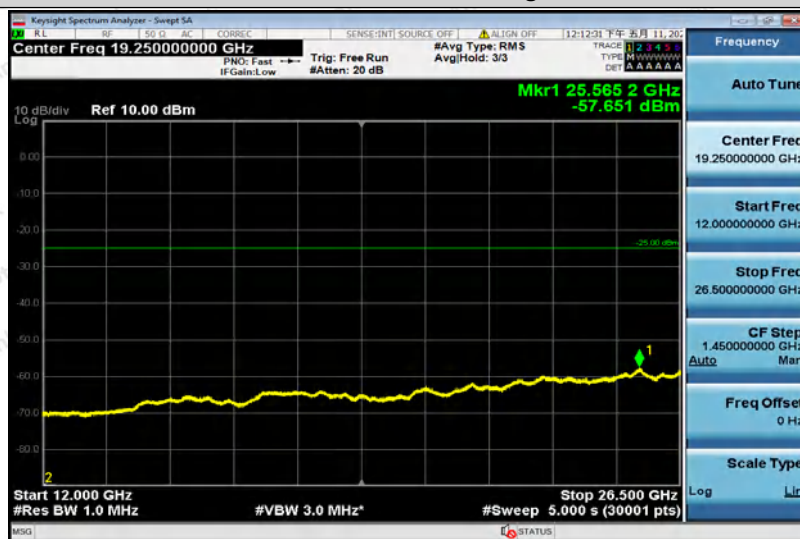
Hotline
400-003-0500
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Band41-10MHz-16QAM-41190-1RB#0-Range3:5000~12000MHz



Band41-10MHz-16QAM-41190-1RB#0-Range4:12000~26500MHz



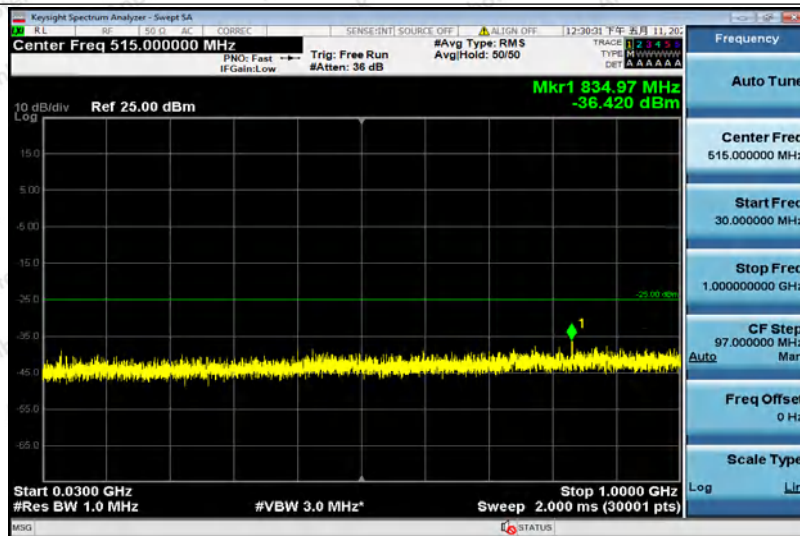
Band41-15MHz-QPSK-40315-1RB#0-Range1:30~1000MHz

Shenzhen Anbotek Compliance Laboratory Limited

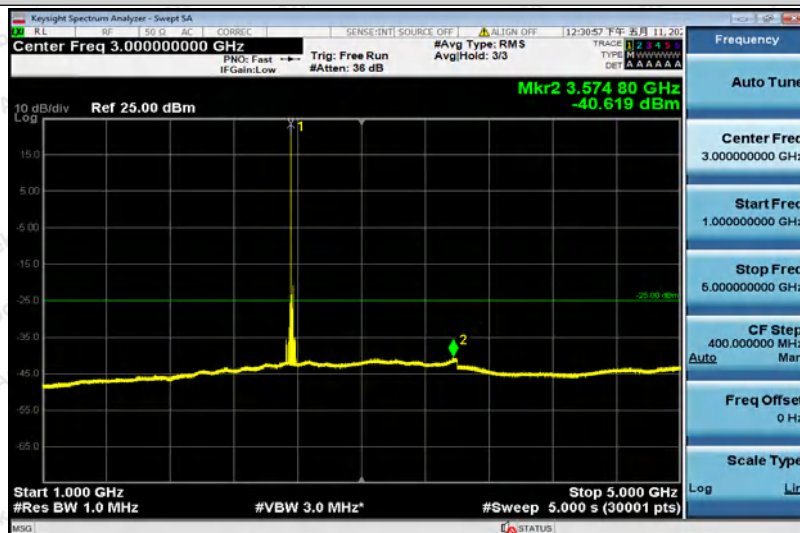
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

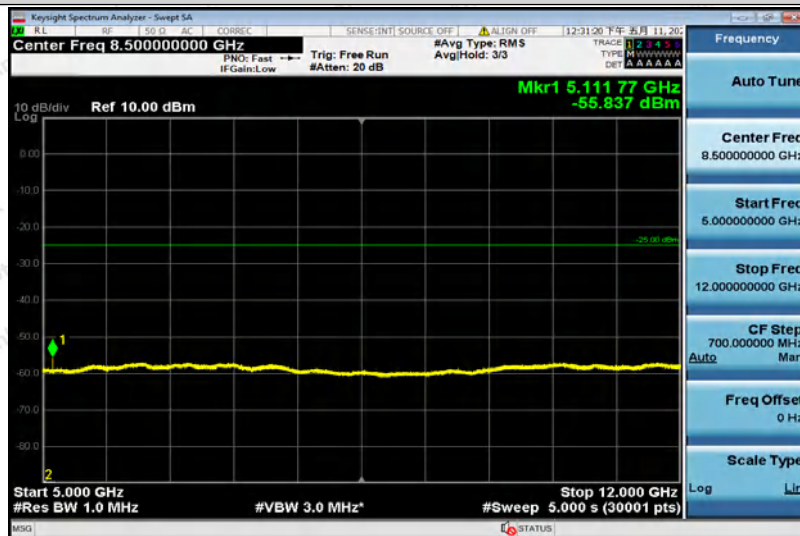
Hotline
400-003-0500
www.anbotek.com



Band41-15MHz-QPSK-40315-1RB#0-Range2:1000~5000MHz



Band41-15MHz-QPSK-40315-1RB#0-Range3:5000~12000MHz



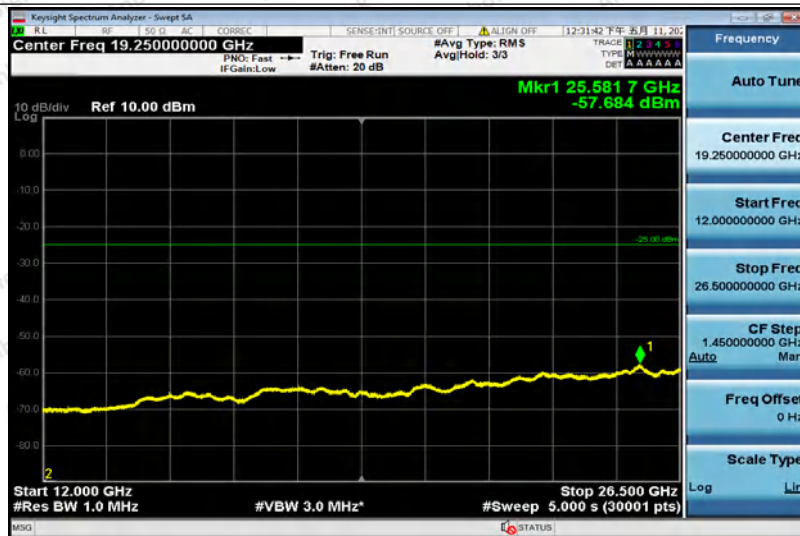
Band41-15MHz-QPSK-40315-1RB#0-Range4:12000~26500MHz

Shenzhen Anbotek Compliance Laboratory Limited

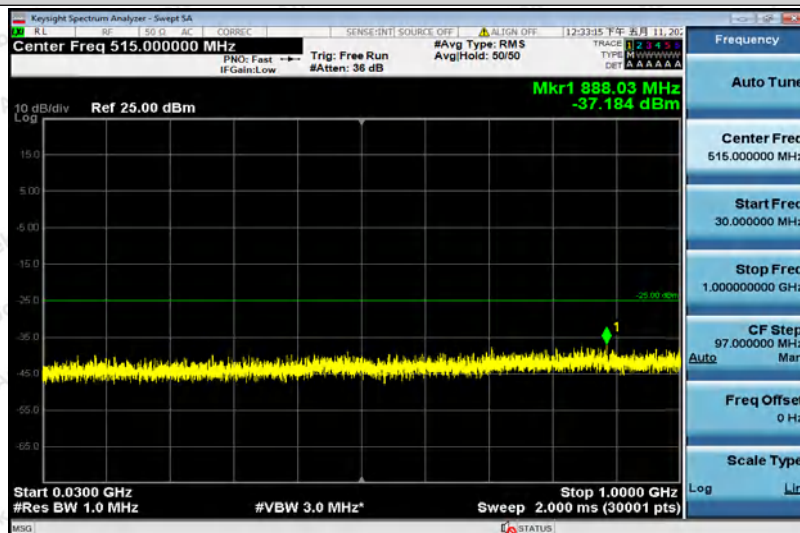
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

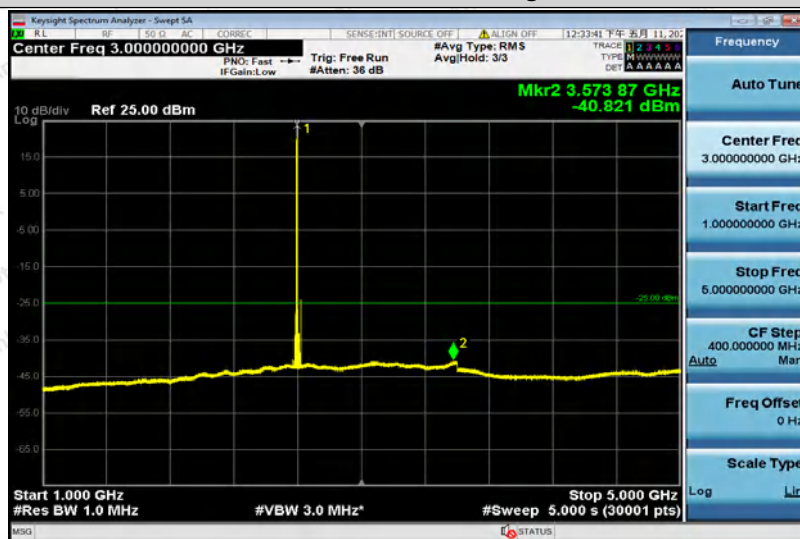
Hotline
400-003-0500
www.anbotek.com



Band41-15MHz-QPSK-40690-1RB#0-Range1:30~1000MHz



Band41-15MHz-QPSK-40690-1RB#0-Range2:1000~5000MHz



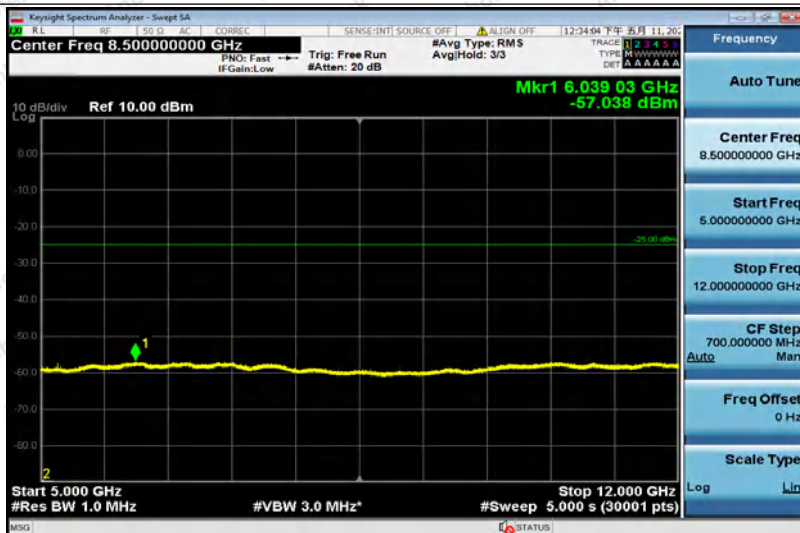
Band41-15MHz-QPSK-40690-1RB#0-Range3:5000~12000MHz

Shenzhen Anbotek Compliance Laboratory Limited

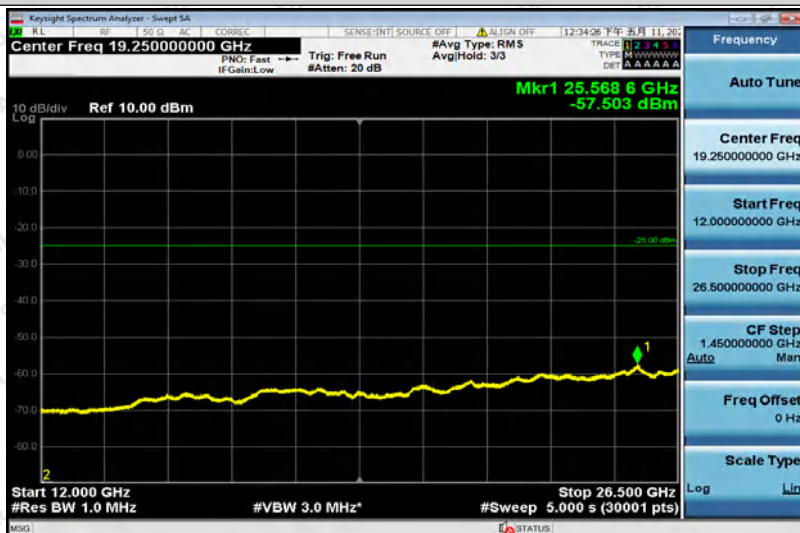
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

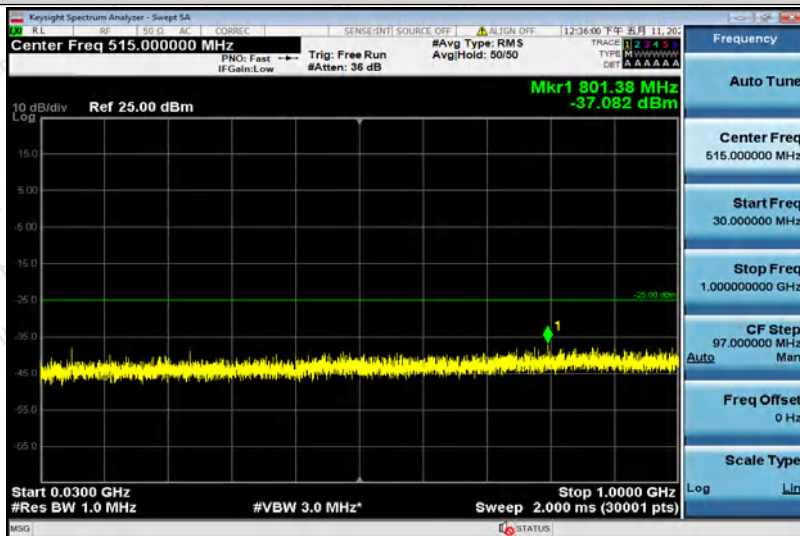
Hotline
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www.anbotek.com



Band41-15MHz-QPSK-40690-1RB#0-Range4:12000~26500MHz



Band41-15MHz-QPSK-41165-1RB#0-Range1:30~1000MHz



Band41-15MHz-QPSK-41165-1RB#0-Range2:1000~5000MHz

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Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

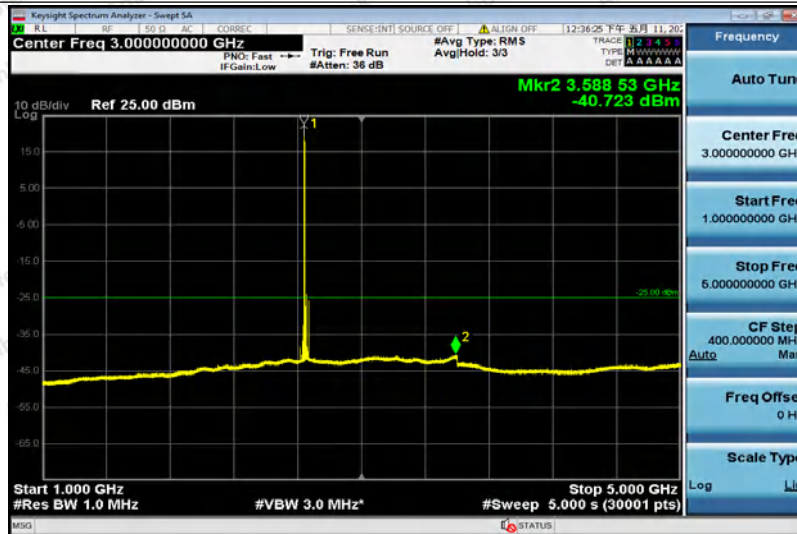
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



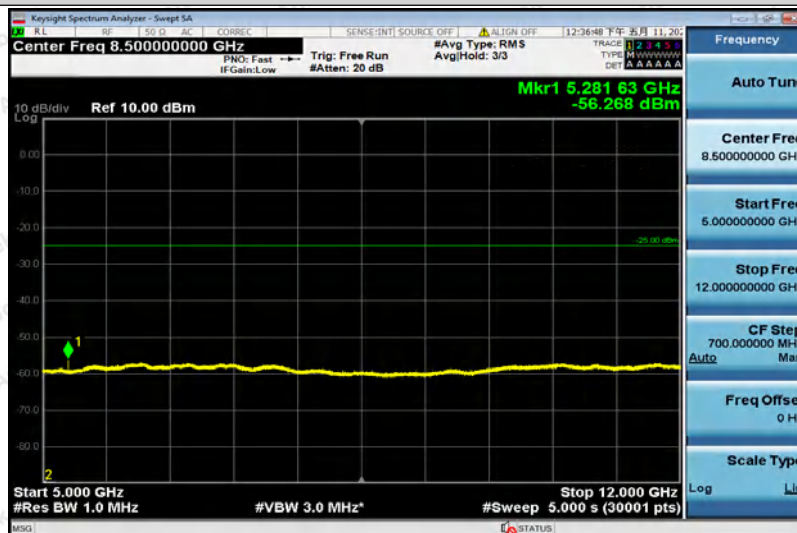
Hotline

400-003-0500

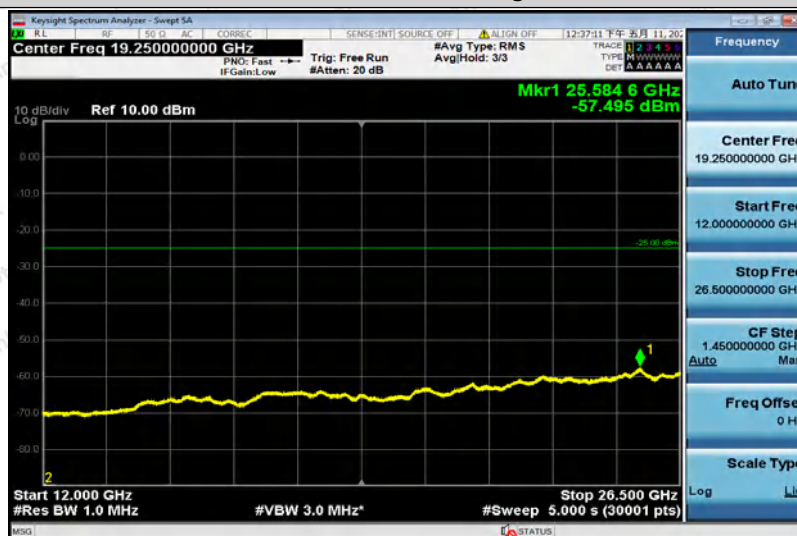
www.anbotek.com



Band41-15MHz-QPSK-41165-1RB#0-Range3:5000~12000MHz



Band41-15MHz-QPSK-41165-1RB#0-Range4:12000~26500MHz



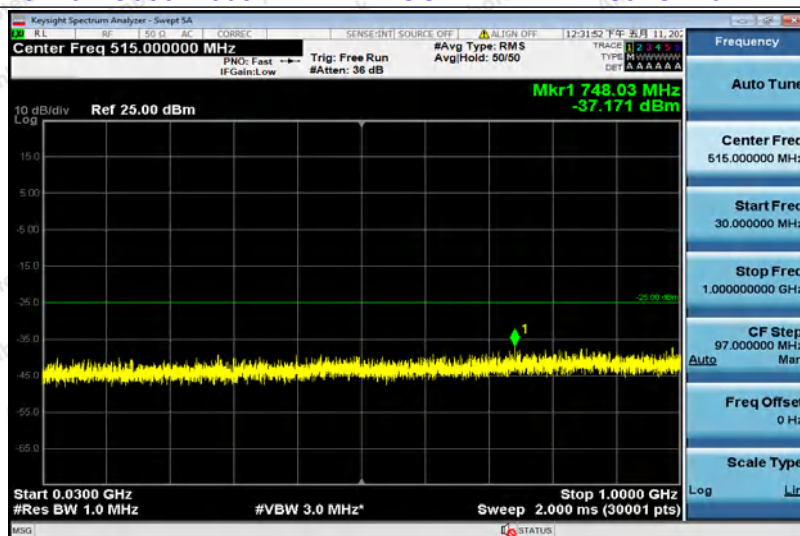
Band41-15MHz-16QAM-40315-1RB#0-Range1:30~1000MHz

Shenzhen Anbotek Compliance Laboratory Limited

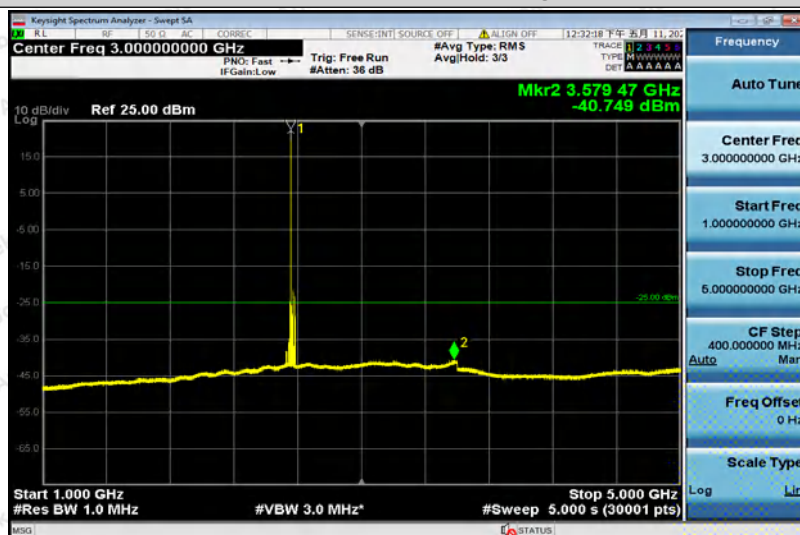
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

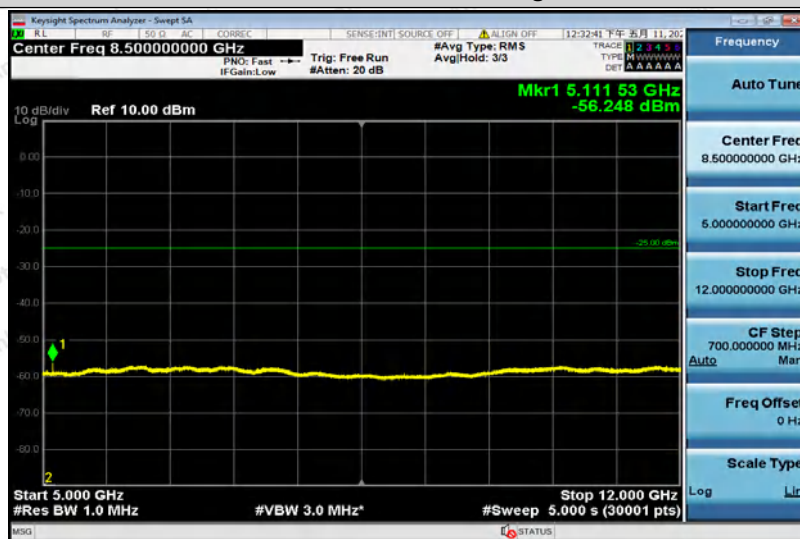
Hotline
400-003-0500
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Band41-15MHz-16QAM-40315-1RB#0-Range2:1000~5000MHz



Band41-15MHz-16QAM-40315-1RB#0-Range3:5000~12000MHz



Band41-15MHz-16QAM-40315-1RB#0-Range4:12000~26500MHz

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Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

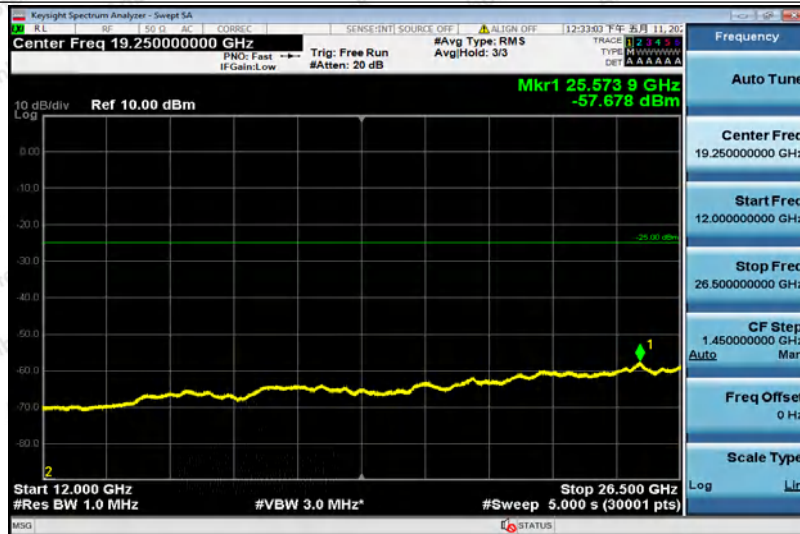
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



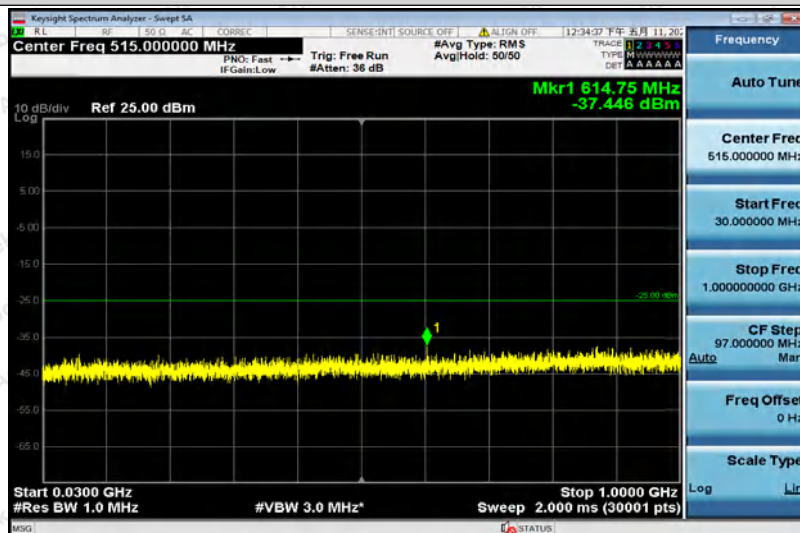
Hotline

400-003-0500

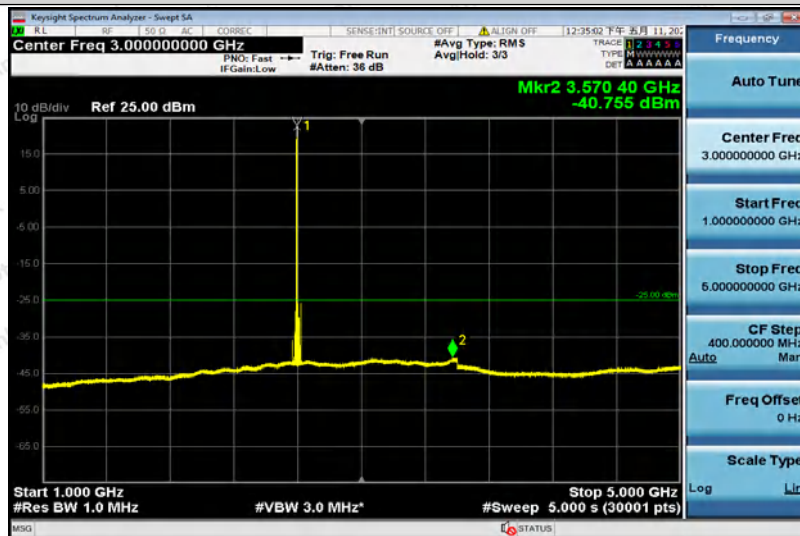
www.anbotek.com



Band41-15MHz-16QAM-40690-1RB#0-Range1:30~1000MHz



Band41-15MHz-16QAM-40690-1RB#0-Range2:1000~5000MHz



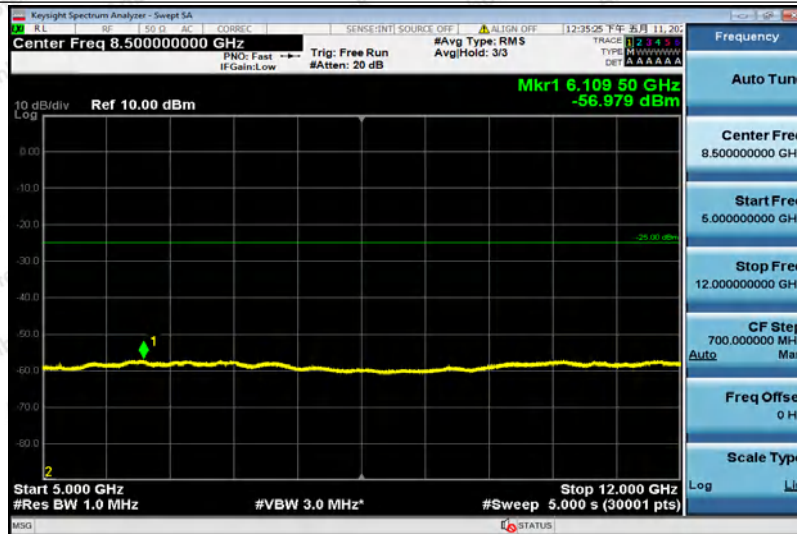
Band41-15MHz-16QAM-40690-1RB#0-Range3:5000~12000MHz

Shenzhen Anbotech Compliance Laboratory Limited

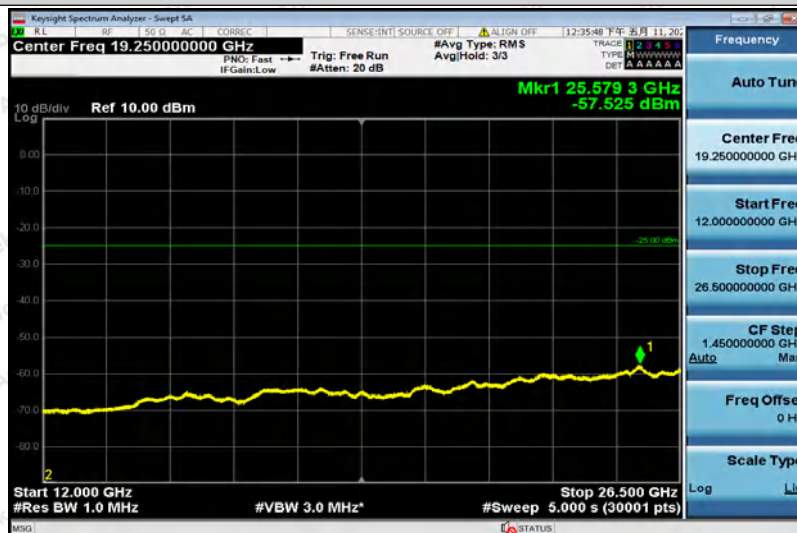
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

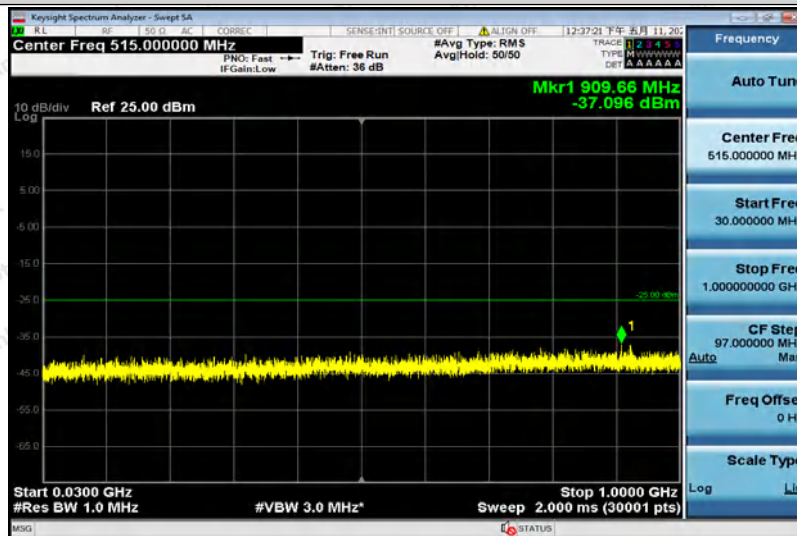
Hotline
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Band41-15MHz-16QAM-40690-1RB#0-Range4:12000~26500MHz



Band41-15MHz-16QAM-41165-1RB#0-Range1:30~1000MHz



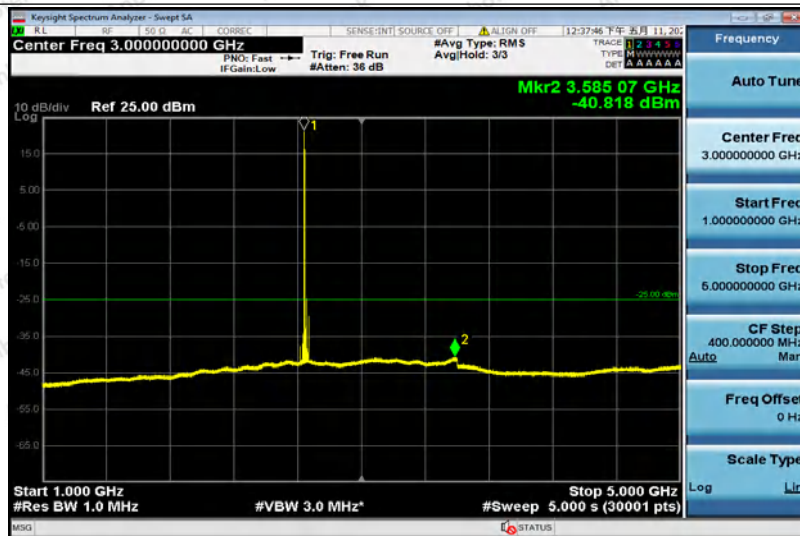
Band41-15MHz-16QAM-41165-1RB#0-Range2:1000~5000MHz

Shenzhen Anbotek Compliance Laboratory Limited

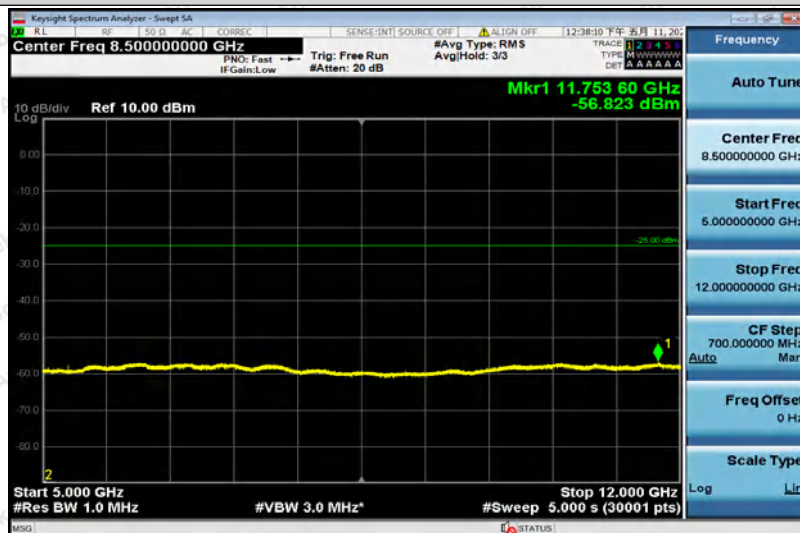
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

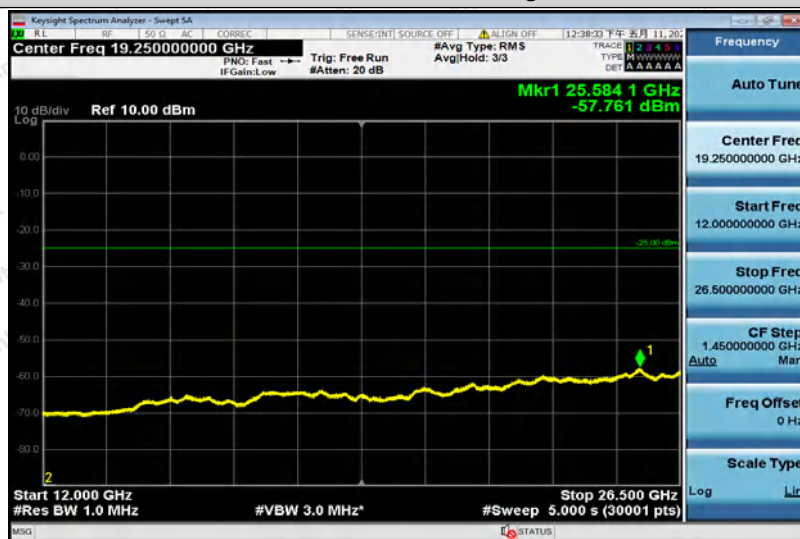
Hotline
400-003-0500
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Band41-15MHz-16QAM-41165-1RB#0-Range3:5000~12000MHz



Band41-15MHz-16QAM-41165-1RB#0-Range4:12000~26500MHz



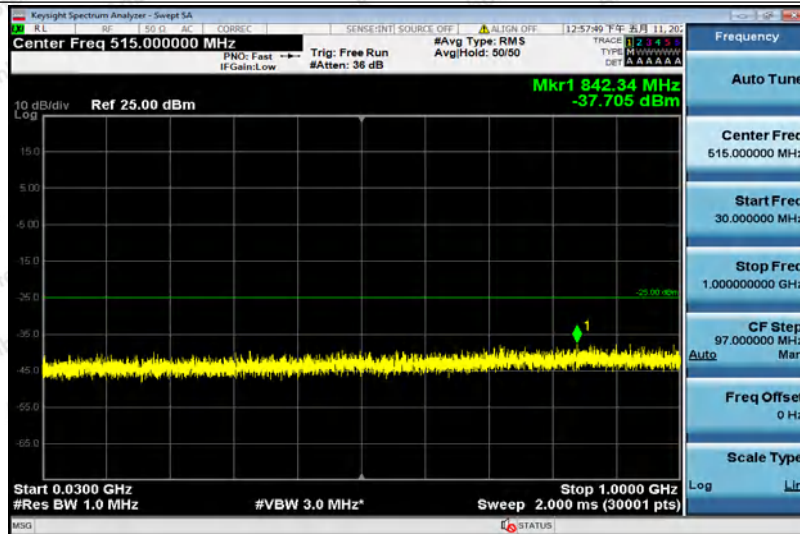
Band41-20MHz-QPSK-40340-1RB#0-Range1:30~1000MHz

Shenzhen Anbotek Compliance Laboratory Limited

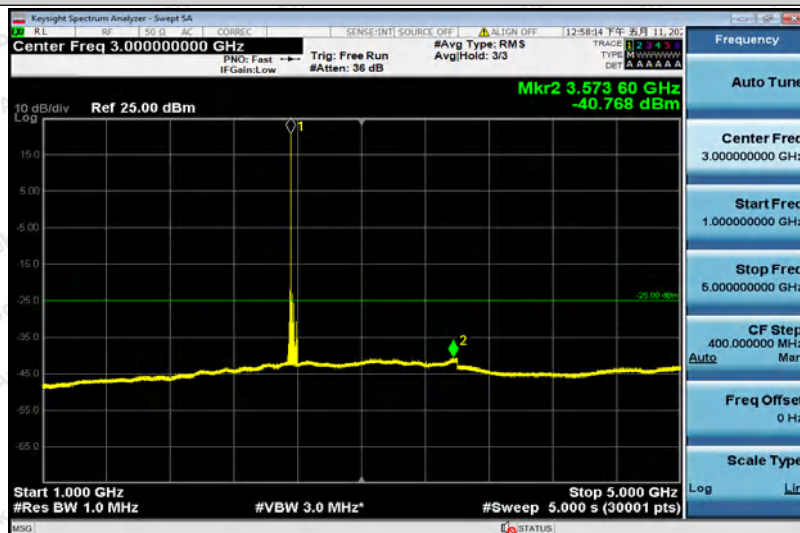
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

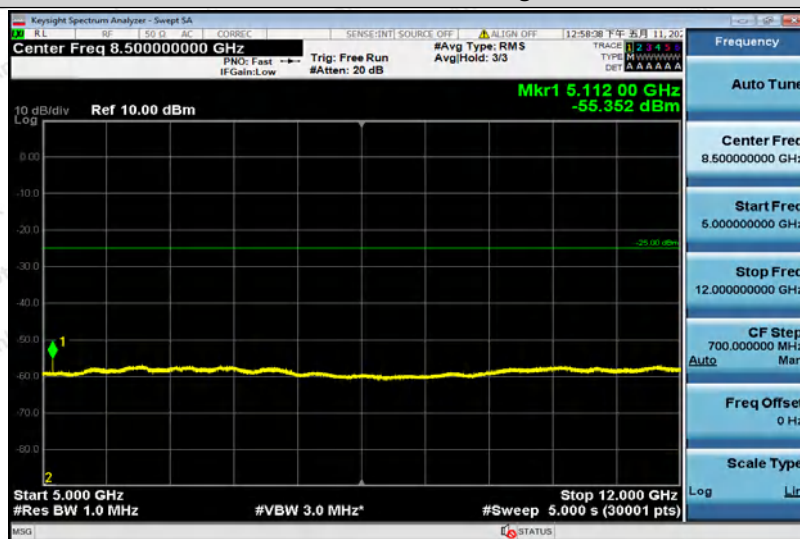
Hotline
400-003-0500
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Band41-20MHz-QPSK-40340-1RB#0-Range2:1000~5000MHz



Band41-20MHz-QPSK-40340-1RB#0-Range3:5000~12000MHz



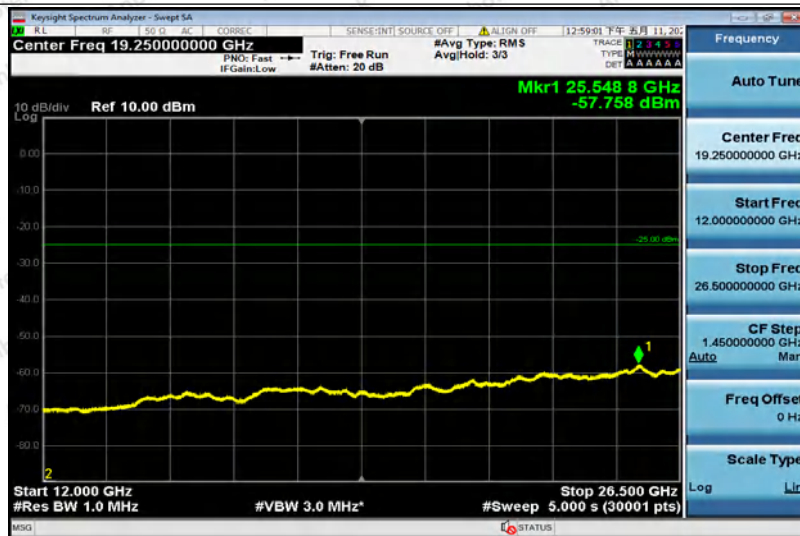
Band41-20MHz-QPSK-40340-1RB#0-Range4:12000~26500MHz

Shenzhen Anbotek Compliance Laboratory Limited

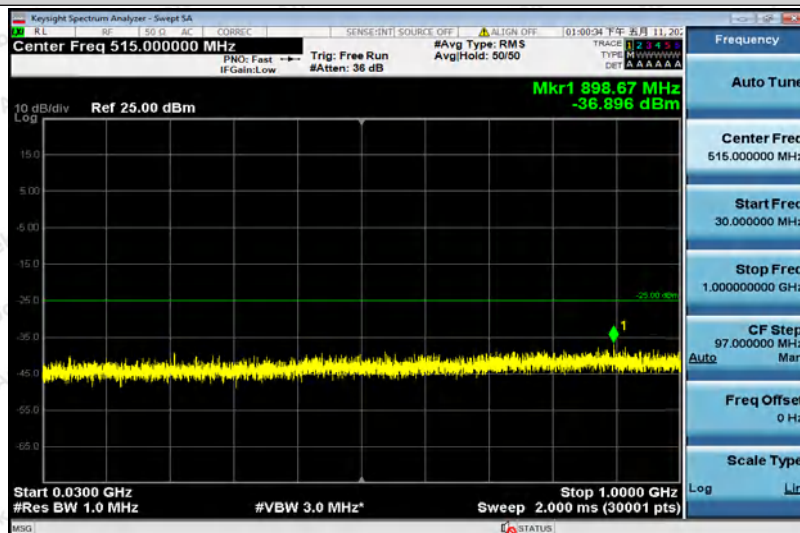
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

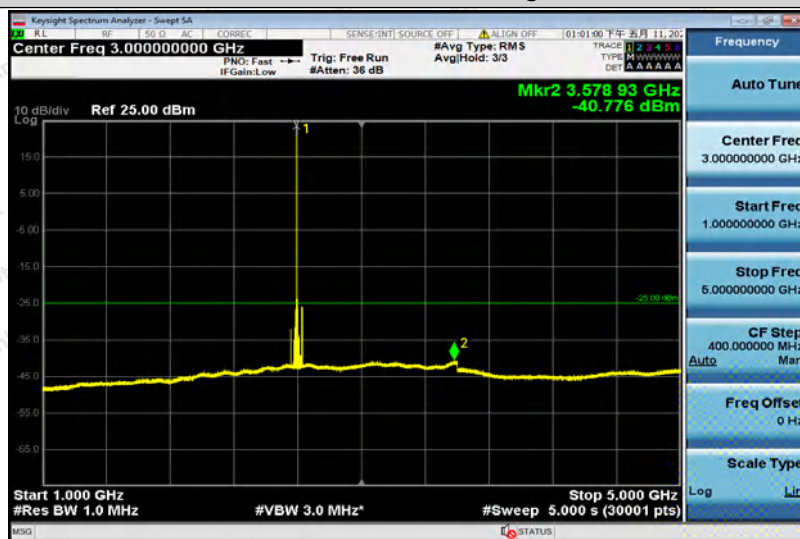
Hotline
400-003-0500
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Band41-20MHz-QPSK-40690-1RB#0-Range1:30~1000MHz



Band41-20MHz-QPSK-40690-1RB#0-Range2:1000~5000MHz



Band41-20MHz-QPSK-40690-1RB#0-Range3:5000~12000MHz

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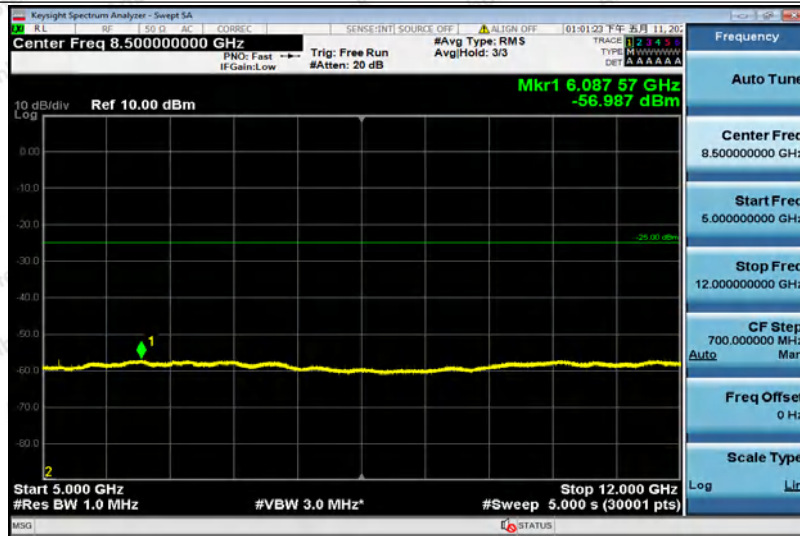
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

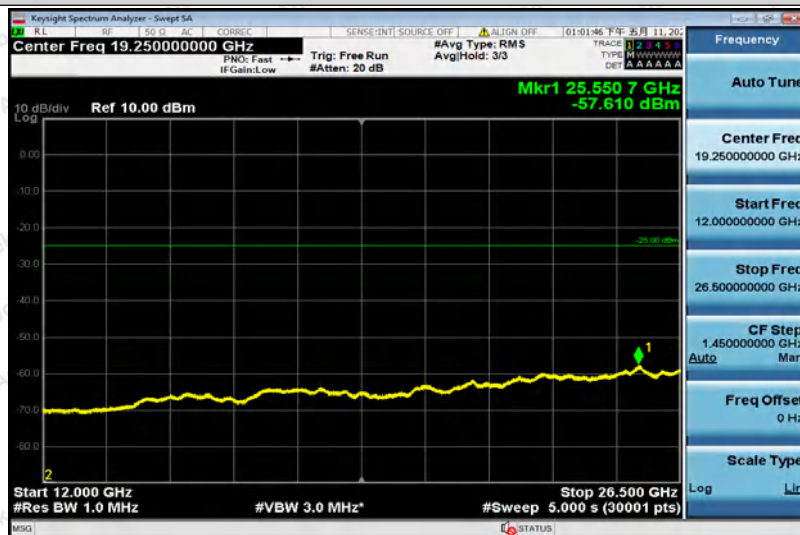


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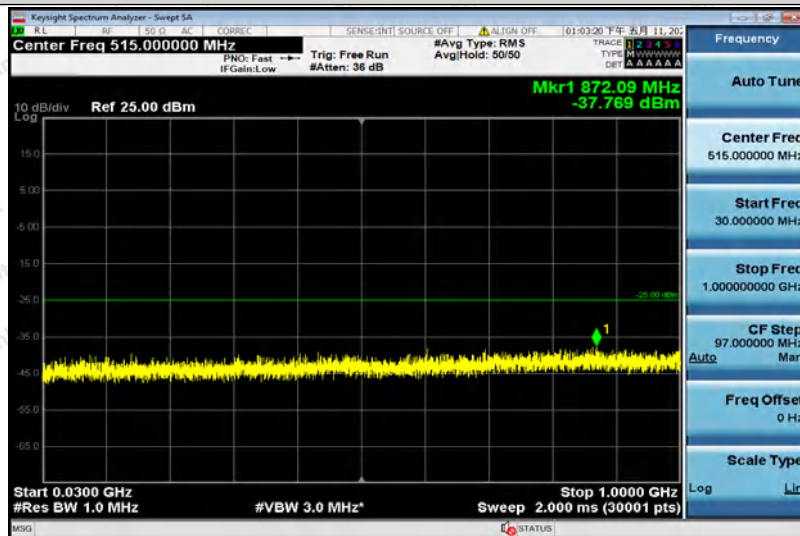
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Band41-20MHz-QPSK-40690-1RB#0-Range4:12000~26500MHz



Band41-20MHz-QPSK-41140-1RB#0-Range1:30~1000MHz



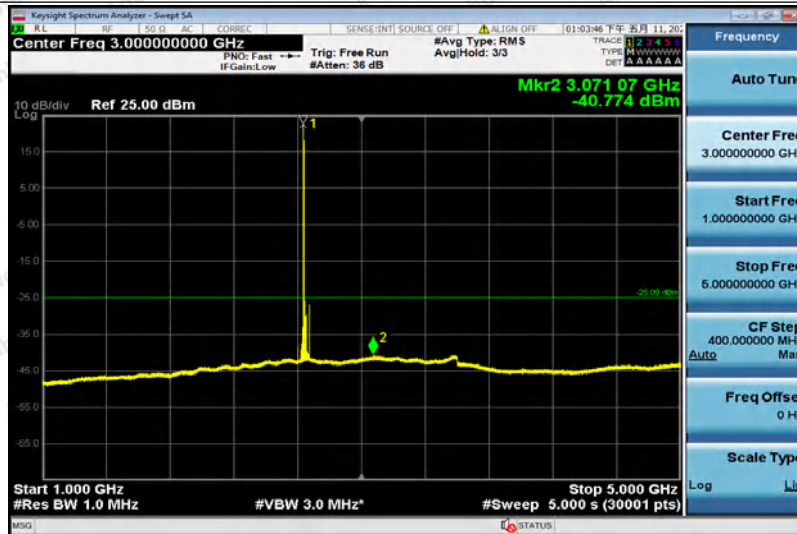
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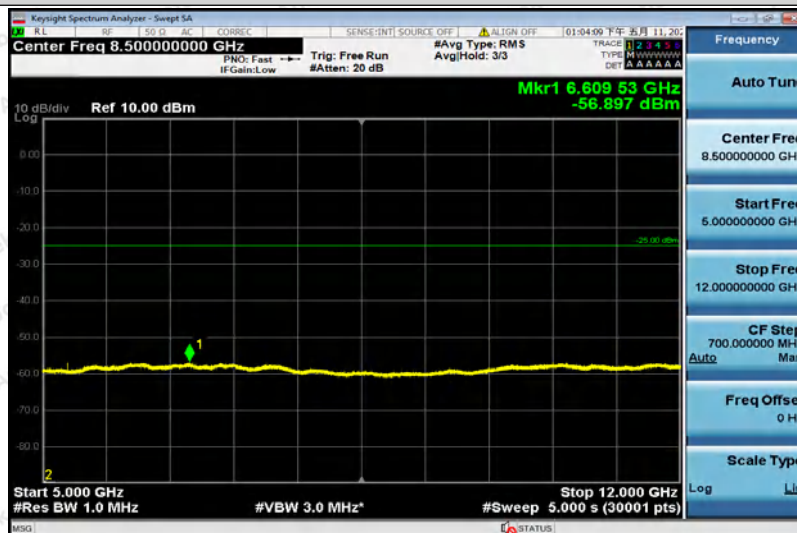
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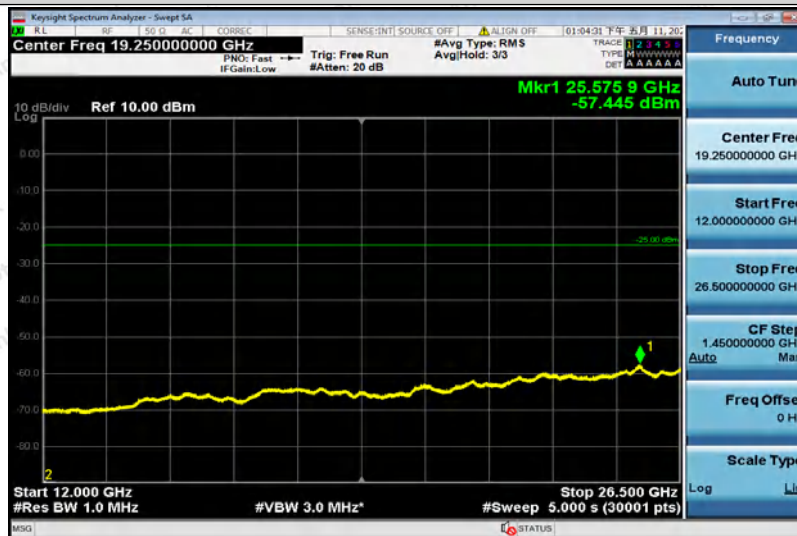
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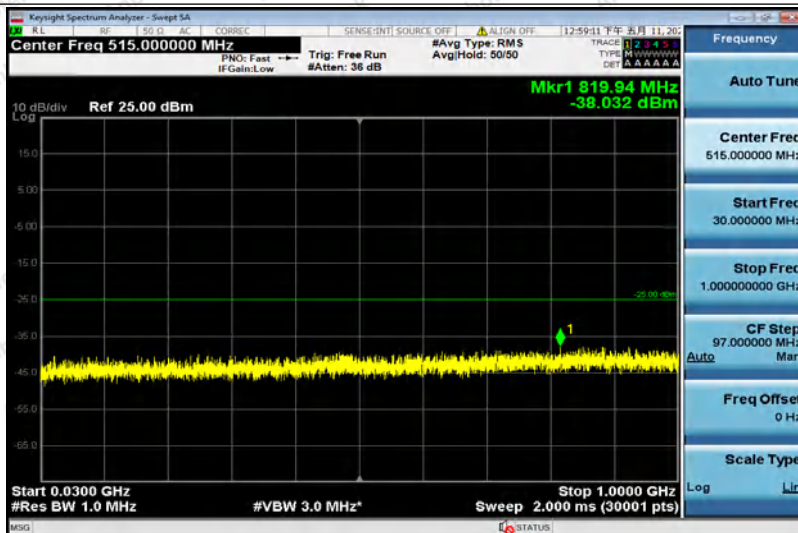
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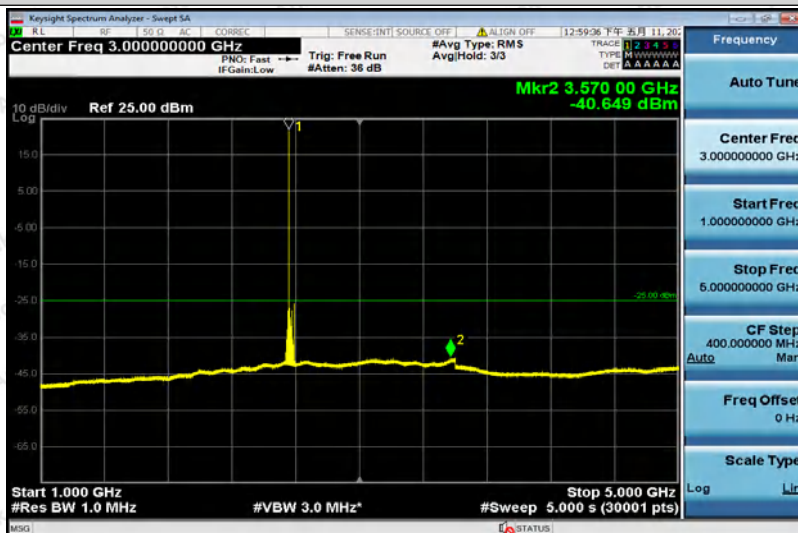
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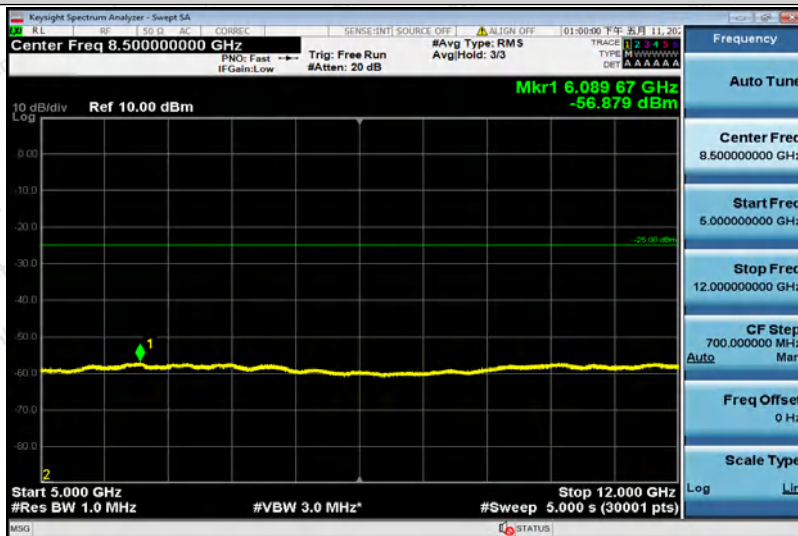
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Band41-20MHz-16QAM-40340-1RB#0-Range3:5000~12000MHz



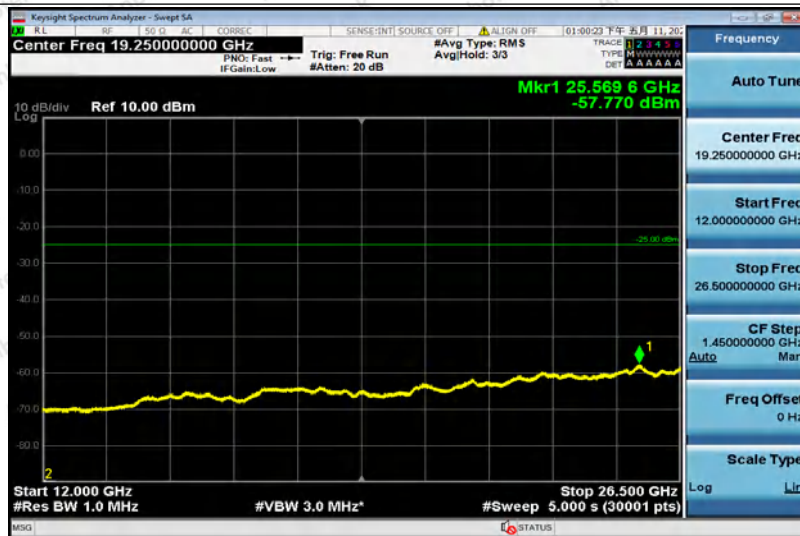
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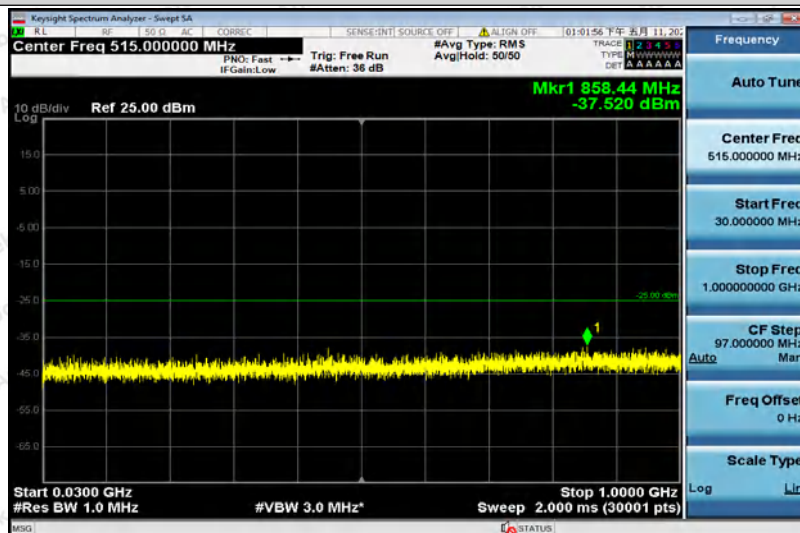
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

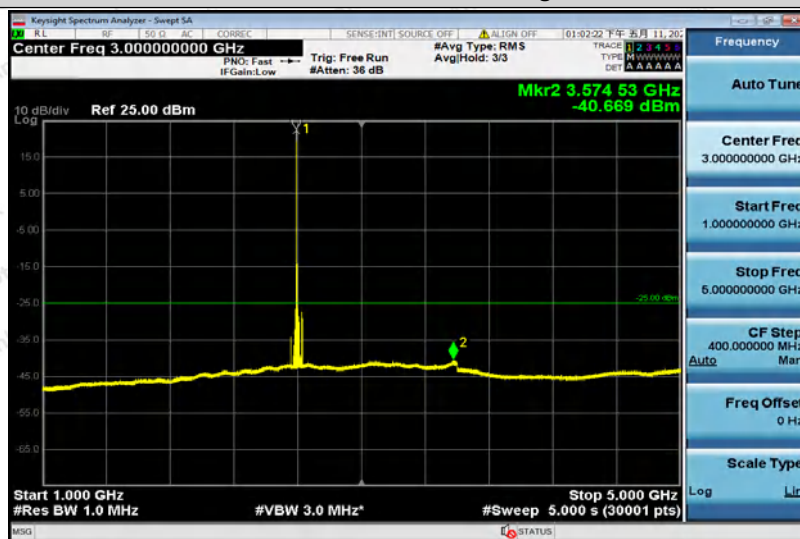
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Band41-20MHz-16QAM-40690-1RB#0-Range1:30~1000MHz



Band41-20MHz-16QAM-40690-1RB#0-Range2:1000~5000MHz



Band41-20MHz-16QAM-40690-1RB#0-Range3:5000~12000MHz

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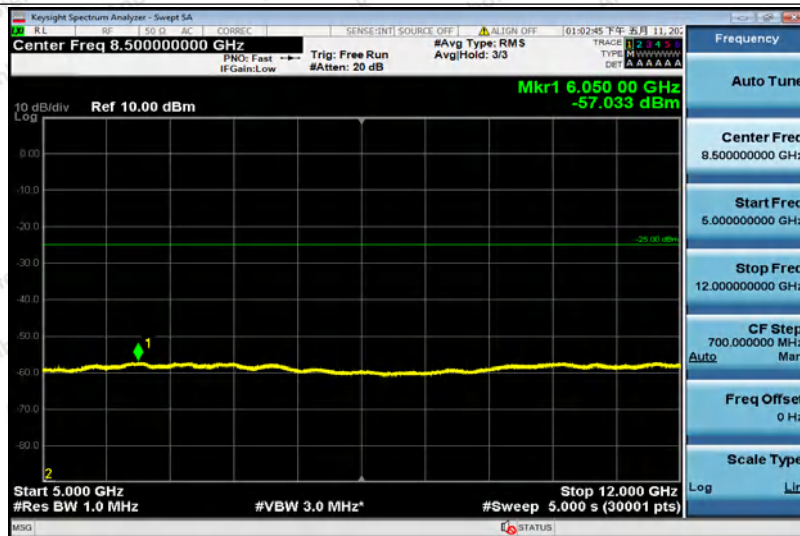
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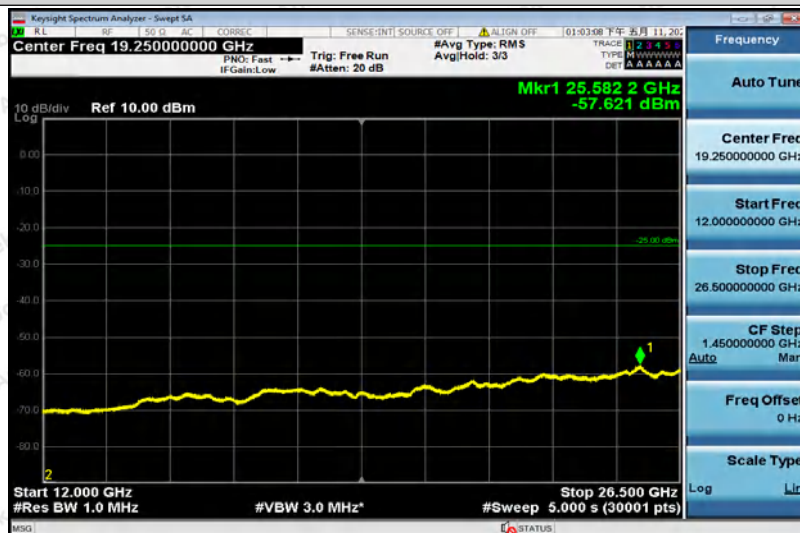
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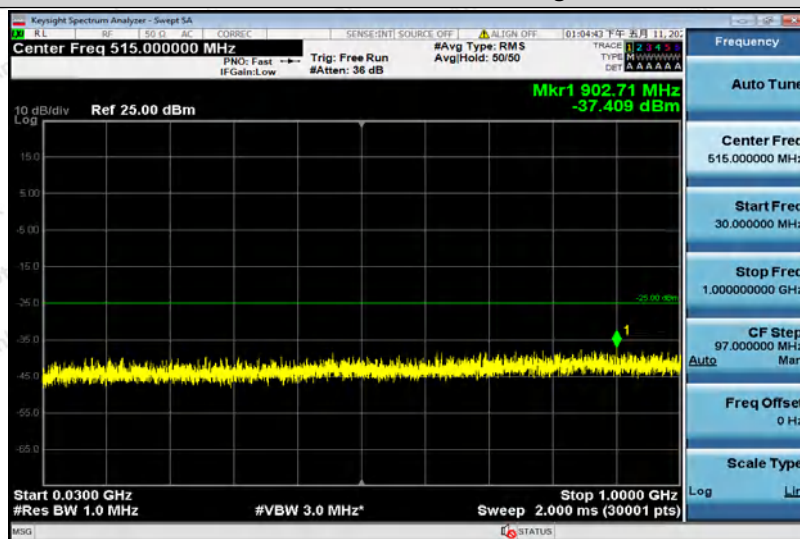
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Band41-20MHz-16QAM-40690-1RB#0-Range4:12000~26500MHz



Band41-20MHz-16QAM-41140-1RB#0-Range1:30~1000MHz



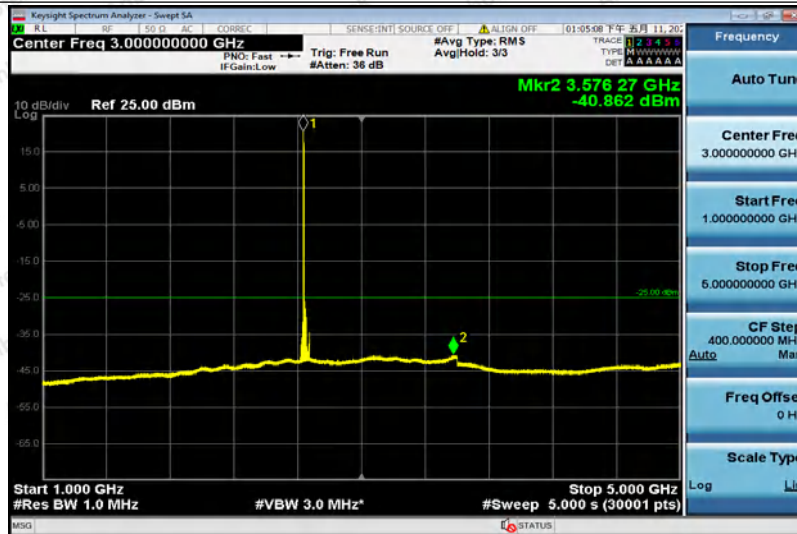
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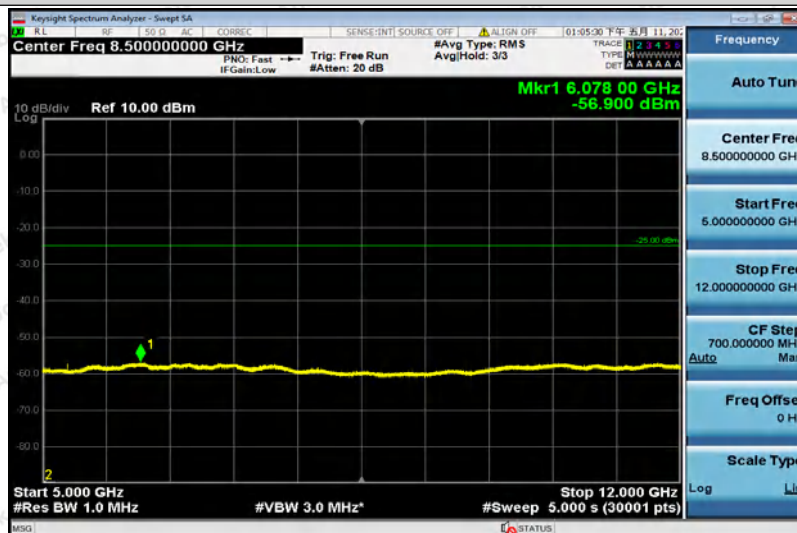
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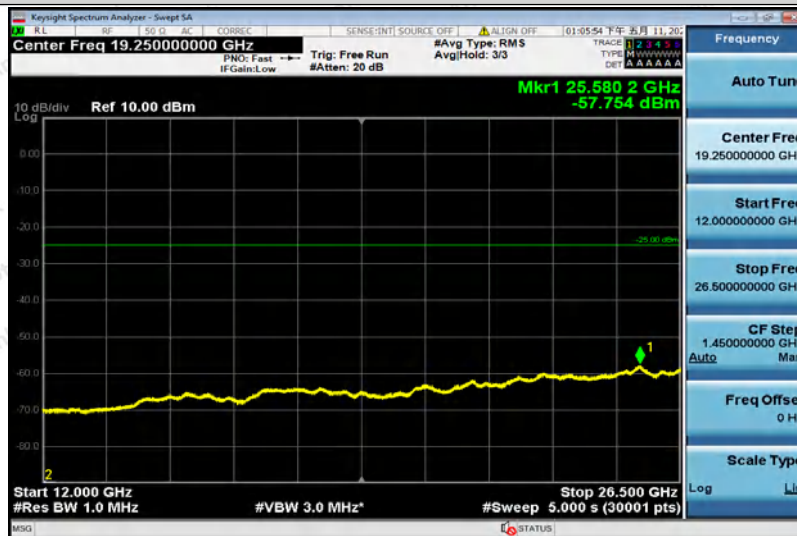
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Band41-20MHz-16QAM-41140-1RB#0-Range3:5000~12000MHz



Band41-20MHz-16QAM-41140-1RB#0-Range4:12000~26500MHz

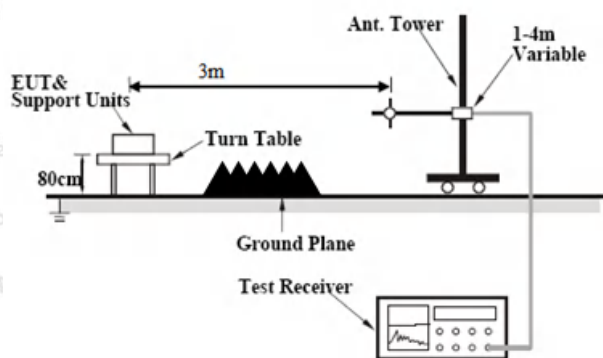


8. Spurious Radiated Emissions

8.1. Test Standard and Limit

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

8.2. Test Setup



8.3. Test Procedure

- 1.The transmitter was placed on a wooden turntable, and it was transmitting into a non-radiating load which was also placed on the turntable.
- 2.The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and polarization as well as EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. The test was performed by placing the EUT on 3-orthogonal axis.
- 3.Remove the EUT and replace it with substitution antenna. A signal generator was connected to the substitution antenna by a non-radiating cable. The absolute levels of the spurious emissions were measured by the substitution.

Sample Calculation:

EUT Field Strength = Raw Amplitude (dB μ V/m) – Amplifier Gain (dB) + Antenna Factor (dB) + Cable Loss (dB) + Filter Attenuation (dB, if used)

8.4. Test Data

Please to see the following pages

WCDMA Band V, Low Channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
289.2	-49.14	V	5.4	0.24	-43.98	-13	-30.98
289.2	-49.84	H	5.4	0.24	-44.68	-13	-31.68
1652.8	-48.55	V	7.95	0.78	-41.38	-13	-28.38
1652.8	-48.91	H	7.95	0.78	-41.74	-13	-28.74
2479.2	-44.87	V	9.89	2.39	-37.37	-13	-24.37
2479.2	-44.31	H	9.89	2.39	-36.81	-13	-23.81

WCDMA Band V, Middle Channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
276.5	-49.30	V	5.4	0.24	-44.14	-13	-31.14
276.5	-49.70	H	5.4	0.24	-44.54	-13	-31.54
1672.8	-48.74	V	7.95	0.78	-41.57	-13	-28.57
1672.8	-48.62	H	7.95	0.78	-41.45	-13	-28.45
2509.2	-45.06	V	9.89	2.39	-37.56	-13	-24.56
2509.2	-44.51	H	9.89	2.39	-37.01	-13	-24.01

WCDMA Band V, High Channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
269.3	-49.52	V	5.4	0.24	-44.36	-13	-31.36
269.3	-50.14	H	5.4	0.24	-44.98	-13	-31.98
1693.2	-48.12	V	7.95	0.78	-40.95	-13	-27.95
1693.2	-48.40	H	7.95	0.78	-41.23	-13	-28.23
2539.8	-44.85	V	9.89	2.39	-37.35	-13	-24.35
2539.8	-44.36	H	9.89	2.39	-36.86	-13	-23.86

WCDMA Band II , Low Channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Correct ed Reading (dBm)	Limit (dBm)	Margin (dB)
299.3	-50.03	V	5.4	0.24	-44.87	-13	-31.87
299.3	-49.65	H	5.4	0.24	-44.49	-13	-31.49
3704.8	-46.46	V	10.25	2.73	-38.94	-13	-25.94
3704.8	-48.40	H	10.25	2.73	-40.88	-13	-27.88

WCDMA Band II , Middle Channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Correct ed Reading (dBm)	Limit (dBm)	Margin (dB)
280.5	-50.22	V	5.4	0.24	-45.06	-13	-32.06
280.5	-49.59	H	5.4	0.24	-44.43	-13	-31.43
3760	-47.10	V	10.25	2.73	-39.58	-13	-26.58
3760	-48.03	H	10.25	2.73	-40.51	-13	-27.51

WCDMA Band II , High Channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Correct ed Reading (dBm)	Limit (dBm)	Margin (dB)
312.1	-50.12	V	5.4	0.24	-44.96	-13	-31.96
312.1	-49.20	H	5.4	0.24	-44.04	-13	-31.04
3815.2	-47.08	V	10.25	2.73	-39.56	-13	-26.56
3815.2	-48.71	H	10.25	2.73	-41.19	-13	-28.19

LTE Band II , Low Channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
268.2	-55.46	V	5.4	0.24	-50.30	-13	-37.30
268.2	-49.75	H	5.4	0.24	-44.59	-13	-31.59
3701.4	-46.29	V	10.25	2.73	-38.77	-13	-25.77
3701.4	-43.39	H	10.25	2.73	-35.87	-13	-22.87

LTE Band II , Middle Channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
280.5	-56.13	V	5.4	0.24	-50.97	-13	-37.97
280.5	-50.18	H	5.4	0.24	-45.02	-13	-32.02
3760	-46.30	V	10.25	2.73	-38.78	-13	-25.78
3760	-42.96	H	10.25	2.73	-35.44	-13	-22.44

LTE Band II , High Channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
277.2	-56.44	V	5.4	0.24	-51.28	-13	-38.28
277.2	-49.46	H	5.4	0.24	-44.30	-13	-31.30
3818.6	-46.92	V	10.25	2.73	-39.40	-13	-26.40
3818.6	-43.29	H	10.25	2.73	-35.77	-13	-22.77

Note: The measurement have been performed for all mode, found the worst case with a bandwidth of 5MHz..

LTE Band 41 , Low Channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
269.8	-56.91	V	5.4	0.24	-51.75	-25	-26.75
269.8	-49.64	H	5.4	0.24	-44.48	-25	-19.48
5115	-46.23	V	12.13	2.89	-36.99	-25	-11.99
5115	-47.05	H	12.13	2.89	-37.81	-25	-12.81

LTE Band 41 , Middle Channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
280.5	-56.65	V	5.4	0.24	-51.49	-25	-26.49
280.5	-49.70	H	5.4	0.24	-44.54	-25	-19.54
5200	-46.45	V	12.13	2.89	-37.21	-25	-12.21
5200	-46.69	H	12.13	2.89	-37.45	-25	-12.45

LTE Band 41 , High Channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
279.1	-55.98	V	5.4	0.24	-50.82	-25	-25.82
279.1	-49.89	H	5.4	0.24	-44.73	-25	-19.73
5305	-46.78	V	12.13	2.89	-37.54	-25	-12.54
5305	-47.28	H	12.13	2.89	-38.04	-25	-13.04

Note: The measurement have been performed for all mode, found the worst case with a bandwidth of 5MHz.

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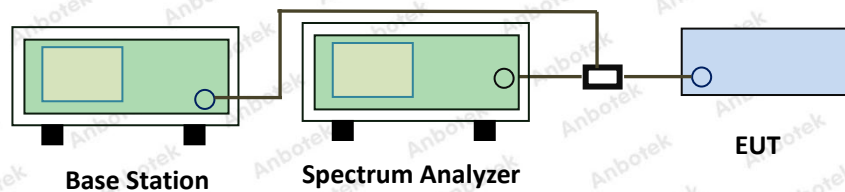
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9. Band Edge Compliance

9.1. Test Standard and Limit

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

9.2. Test Setup



9.3. Test Procedure

1. The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation.
2. For the bandedge: 2G: Set the RBW=5.1KHz, VBW = 10KHz, Sweep time= Auto

9.4. Test Data

Band Edge only reflects the worst mode WCDMA data emissions.

Band	Channel	Value(dBm)	Limit(dBm)	Verdict
Band II	9262	-17.35	-13	PASS
Band II	9538	-15.38	-13	PASS
Band V	4132	-18.93	-13	PASS
Band V	4233	-18.91	-13	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	-27.65	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-28.22	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-27.88	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-29.26	PASS
Band2	3MHz	QPSK	18615	15RB#0	-24.72	PASS
Band2	3MHz	QPSK	19185	15RB#0	-30.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	-32.39	PASS
Band2	3MHz	16QAM	19185	15RB#0	-28.78	PASS
Band2	5MHz	QPSK	18625	25RB#0	-19.49	PASS
Band2	5MHz	QPSK	19175	25RB#0	-21.97	PASS
Band2	5MHz	16QAM	18625	25RB#0	-21.98	PASS
Band2	5MHz	16QAM	19175	25RB#0	-23.84	PASS
Band2	10MHz	QPSK	18650	50RB#0	-24.55	PASS
Band2	10MHz	QPSK	19150	50RB#0	-28.35	PASS
Band2	10MHz	16QAM	18650	50RB#0	-26.60	PASS
Band2	10MHz	16QAM	19150	50RB#0	-28.48	PASS
Band2	15MHz	QPSK	18675	75RB#0	-27.22	PASS
Band2	15MHz	QPSK	19125	75RB#0	-29.06	PASS
Band2	15MHz	16QAM	18675	75RB#0	-28.15	PASS
Band2	15MHz	16QAM	19125	75RB#0	-31.10	PASS
Band2	20MHz	QPSK	18700	100RB#0	-30.41	PASS
Band2	20MHz	QPSK	19100	100RB#0	-32.98	PASS
Band2	20MHz	16QAM	18700	100RB#0	-31.70	PASS
Band2	20MHz	16QAM	19100	100RB#0	-32.53	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Scanning Band (MHZ)	Result(dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	40265	25RB#0	<2544	-42.43	-25	PASS
Band41	5MHz	QPSK	40265	25RB#0	2544-2550	-39.06	-13	PASS
Band41	5MHz	QPSK	40265	25RB#0	2550-2555	-17.38	-10	PASS
Band41	5MHz	QPSK	41215	25RB#0	>2666	-43.11	-25	PASS
Band41	5MHz	QPSK	41215	25RB#0	2660-2666	-42.54	-13	PASS
Band41	5MHz	QPSK	41215	25RB#0	2655-2660	-22.28	-10	PASS
Band41	5MHz	16QAM	40265	25RB#0	<2544	-42.04	-25	PASS
Band41	5MHz	16QAM	40265	25RB#0	2544-2550	-39.08	-13	PASS
Band41	5MHz	16QAM	40265	25RB#0	2550-2555	-21.91	-10	PASS
Band41	5MHz	16QAM	41215	25RB#0	>2666	-43.30	-25	PASS
Band41	5MHz	16QAM	41215	25RB#0	2660-2666	-42.70	-13	PASS
Band41	5MHz	16QAM	41215	25RB#0	2655-2660	-22.03	-10	PASS
Band41	10MHz	QPSK	40290	50RB#0	<2544	-40.18	-25	PASS
Band41	10MHz	QPSK	40290	50RB#0	2544-2550	-31.72	-13	PASS
Band41	10MHz	QPSK	40290	50RB#0	2550-2555	-24.31	-10	PASS
Band41	10MHz	QPSK	41190	50RB#0	>2666	-42.75	-25	PASS
Band41	10MHz	QPSK	41190	50RB#0	2660-2666	-33.80	-13	PASS
Band41	10MHz	QPSK	41190	50RB#0	2655-2660	-27.30	-10	PASS
Band41	10MHz	16QAM	40290	50RB#0	<2544	-41.54	-25	PASS
Band41	10MHz	16QAM	40290	50RB#0	2544-2550	-33.69	-13	PASS
Band41	10MHz	16QAM	40290	50RB#0	2550-2555	-25.72	-10	PASS
Band41	10MHz	16QAM	41190	50RB#0	>2666	-43.34	-25	PASS
Band41	10MHz	16QAM	41190	50RB#0	2660-2666	-36.89	-13	PASS
Band41	10MHz	16QAM	41190	50RB#0	2655-2660	-29.08	-10	PASS
Band41	15MHz	QPSK	40315	75RB#0	<2544	-40.59	-25	PASS
Band41	15MHz	QPSK	40315	75RB#0	2544-2550	-27.29	-13	PASS
Band41	15MHz	QPSK	40315	75RB#0	2550-2555	-23.25	-10	PASS
Band41	15MHz	QPSK	41165	75RB#0	>2666	-40.91	-25	PASS
Band41	15MHz	QPSK	41165	75RB#0	2660-2666	-30.82	-13	PASS
Band41	15MHz	QPSK	41165	75RB#0	2655-2660	-27.66	-10	PASS
Band41	15MHz	16QAM	40315	75RB#0	<2544	-42.14	-25	PASS
Band41	15MHz	16QAM	40315	75RB#0	2544-2550	-31.52	-13	PASS
Band41	15MHz	16QAM	40315	75RB#0	2550-2555	-26.38	-10	PASS
Band41	15MHz	16QAM	41165	75RB#0	>2666	-41.67	-25	PASS
Band41	15MHz	16QAM	41165	75RB#0	2660-2666	-34.33	-13	PASS
Band41	15MHz	16QAM	41165	75RB#0	2655-2660	-28.62	-10	PASS
Band41	20MHz	QPSK	40340	100RB#0	<2544	-41.65	-25	PASS
Band41	20MHz	QPSK	40340	100RB#0	2544-2550	-30.65	-13	PASS
Band41	20MHz	QPSK	40340	100RB#0	2550-2555	-26.53	-10	PASS

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Band41	20MHz	QPSK	41140	100RB#0	> 2666	-41.25	-25	PASS
Band41	20MHz	QPSK	41140	100RB#0	2660-2666	-34.40	-13	PASS
Band41	20MHz	QPSK	41140	100RB#0	2655-2660	-29.33	-10	PASS
Band41	20MHz	16QAM	40340	100RB#0	< 2544	-42.02	-25	PASS
Band41	20MHz	16QAM	40340	100RB#0	2544-2550	-33.02	-13	PASS
Band41	20MHz	16QAM	40340	100RB#0	2550-2555	-29.62	-10	PASS
Band41	20MHz	16QAM	41140	100RB#0	> 2666	-40.97	-25	PASS
Band41	20MHz	16QAM	41140	100RB#0	2660-2666	-34.37	-13	PASS
Band41	20MHz	16QAM	41140	100RB#0	2655-2660	-30.45	-10	PASS

Test Plots

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Band II_9262



Band II_9538



Band V_4132

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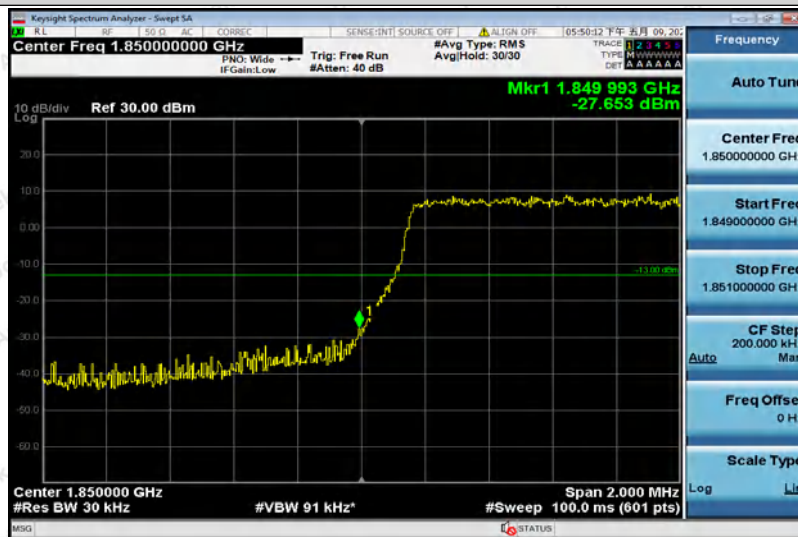
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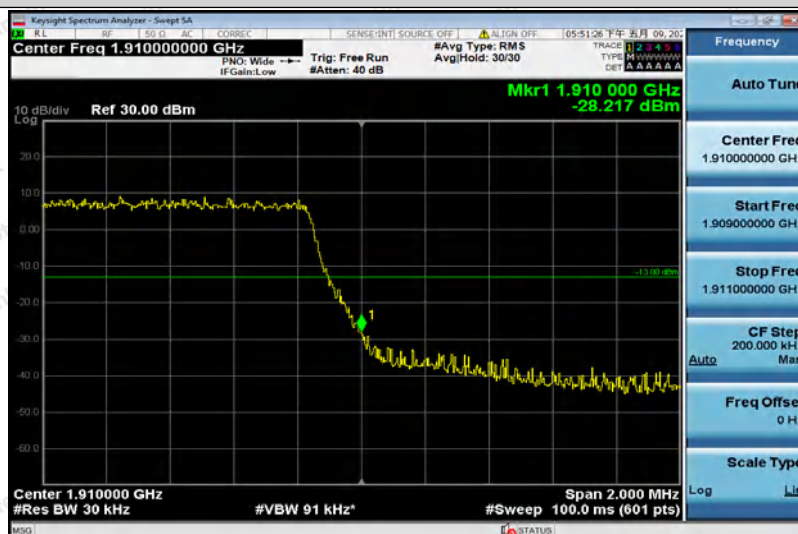


Band V_4233

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Band2-1.4MHz-QPSK-19193-6RB#0



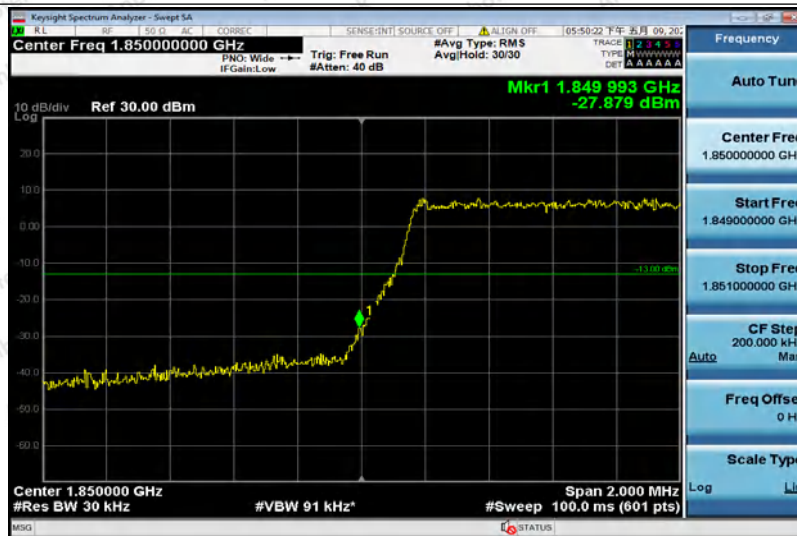
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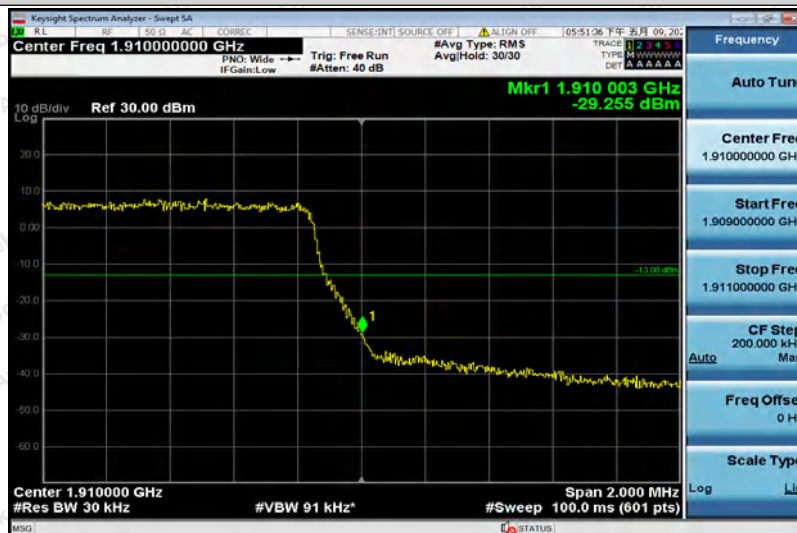
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

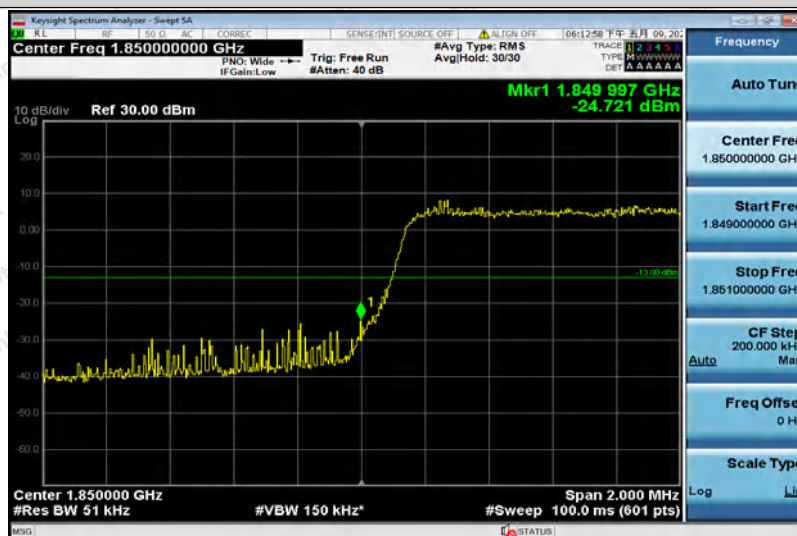
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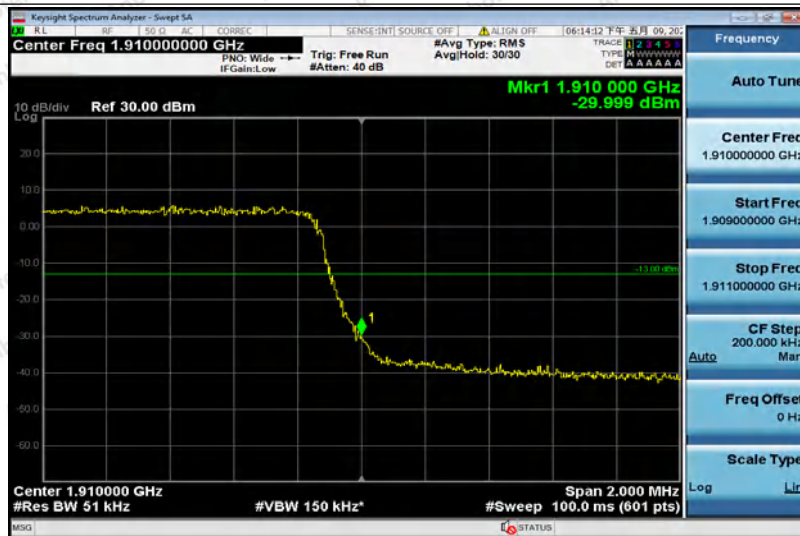
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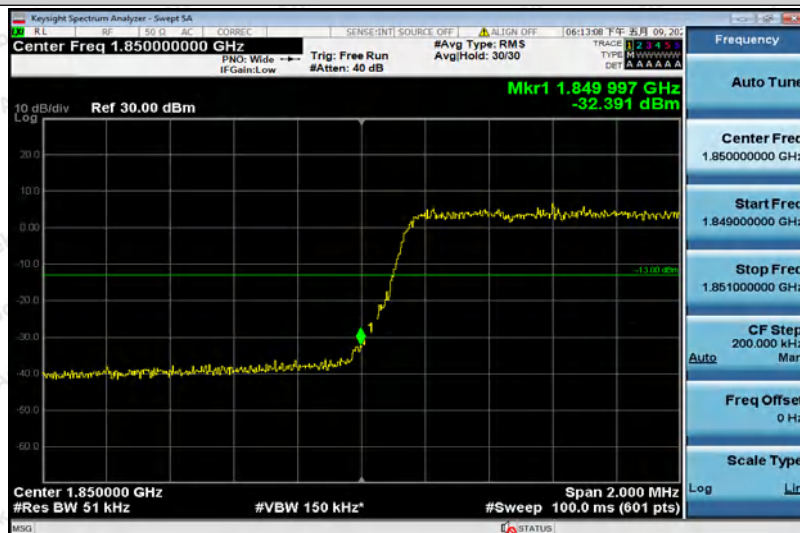
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Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

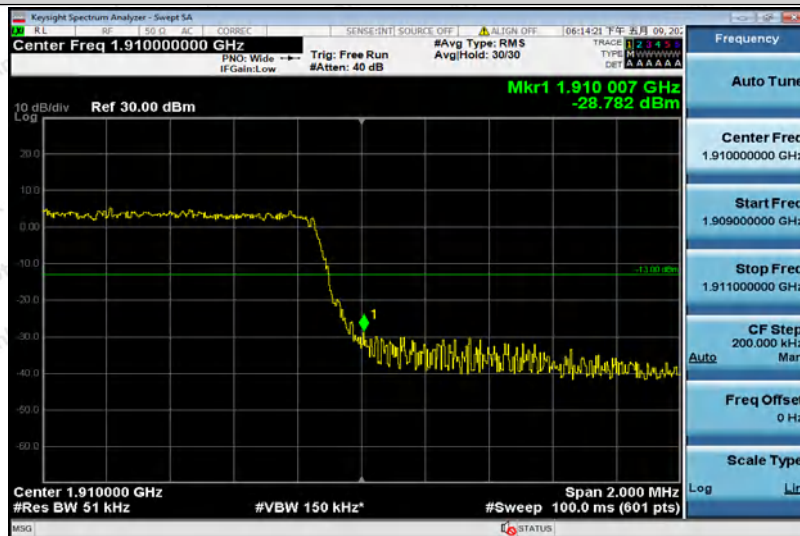
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Band2-3MHz-16QAM-18615-15RB#0



Band2-3MHz-16QAM-19185-15RB#0



Band2-5MHz-QPSK-18625-25RB#0

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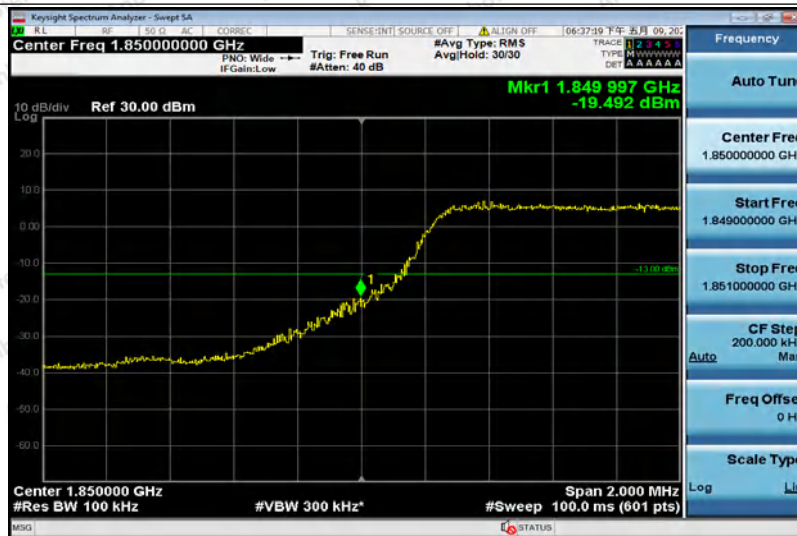
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

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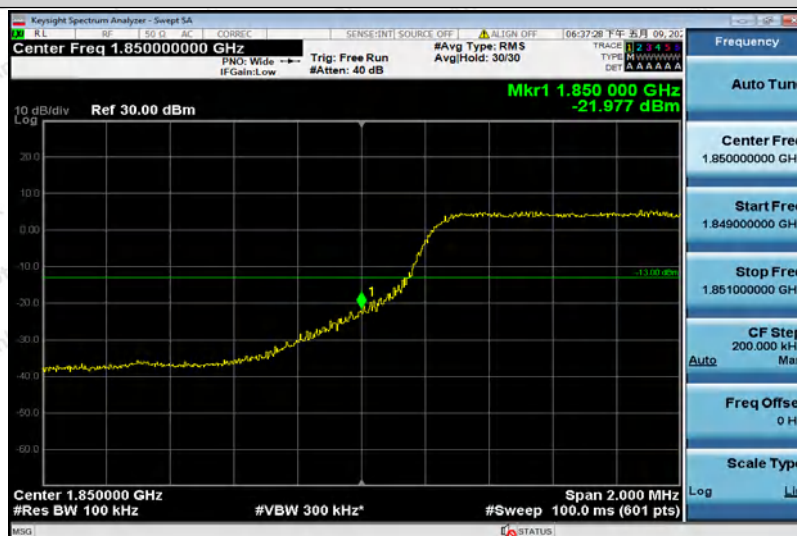
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Band2-5MHz-QPSK-19175-25RB#0



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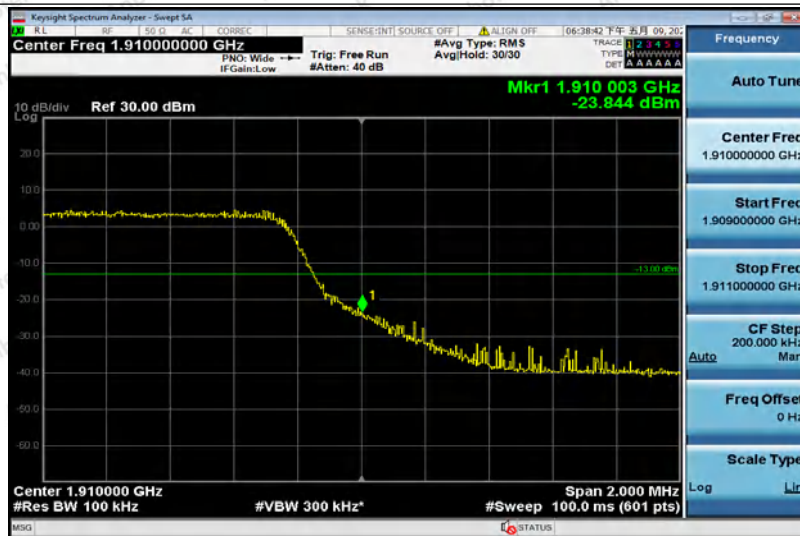
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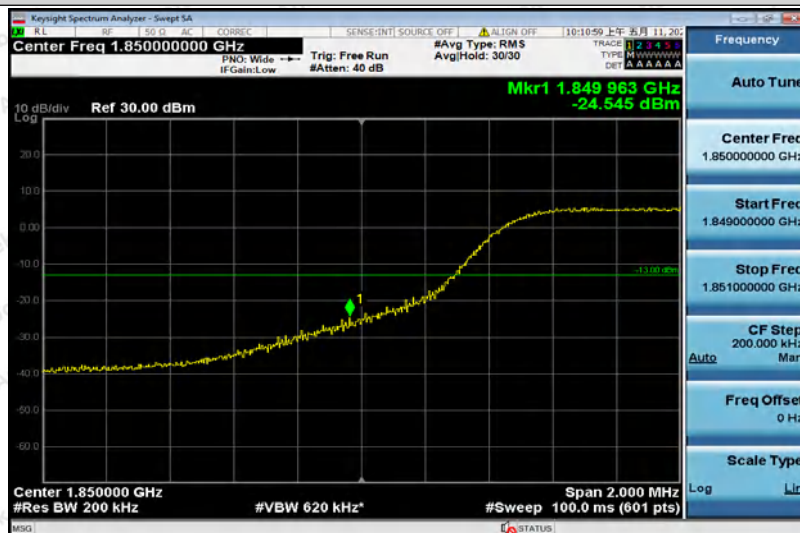
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

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Band2-10MHz-QPSK-18650-50RB#0



Band2-10MHz-QPSK-19150-50RB#0



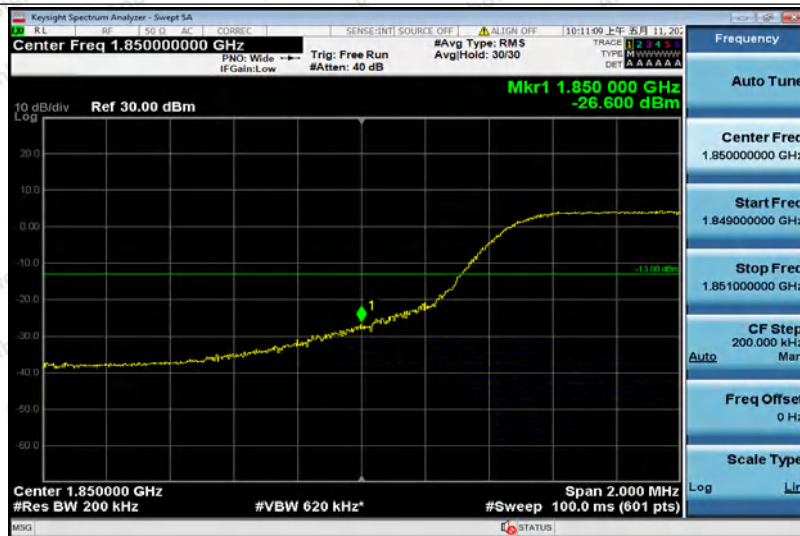
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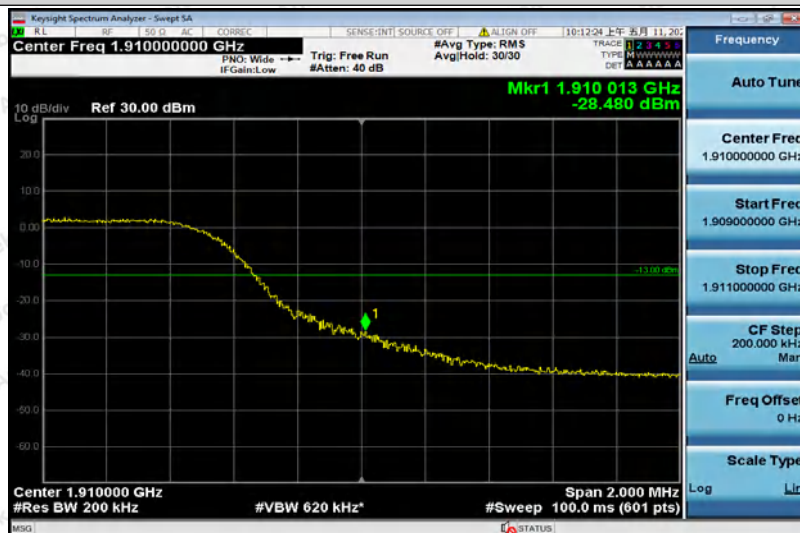
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Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

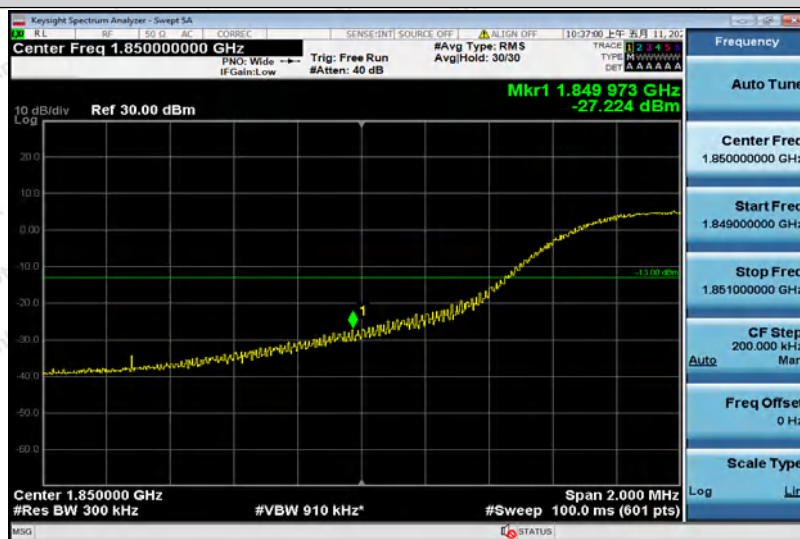
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Band2-10MHz-16QAM-19150-50RB#0



Band2-15MHz-QPSK-18675-75RB#0



Band2-15MHz-QPSK-19125-75RB#0

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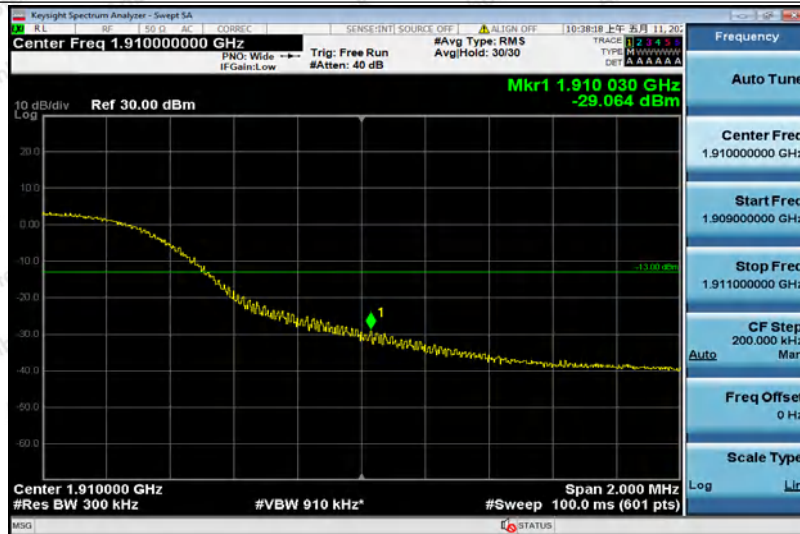
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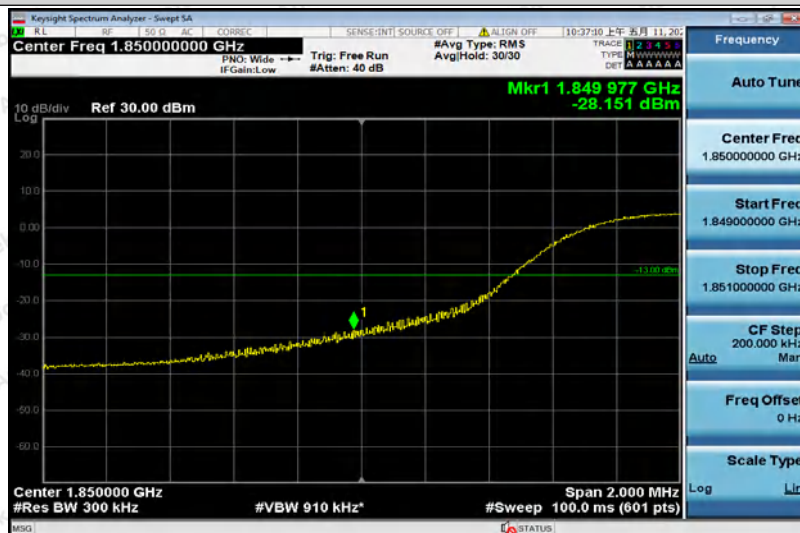


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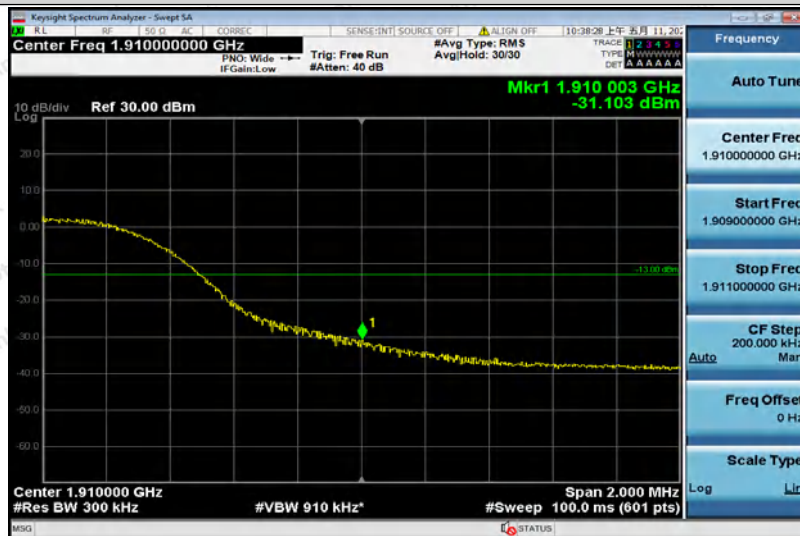
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Band2-15MHz-16QAM-18675-75RB#0



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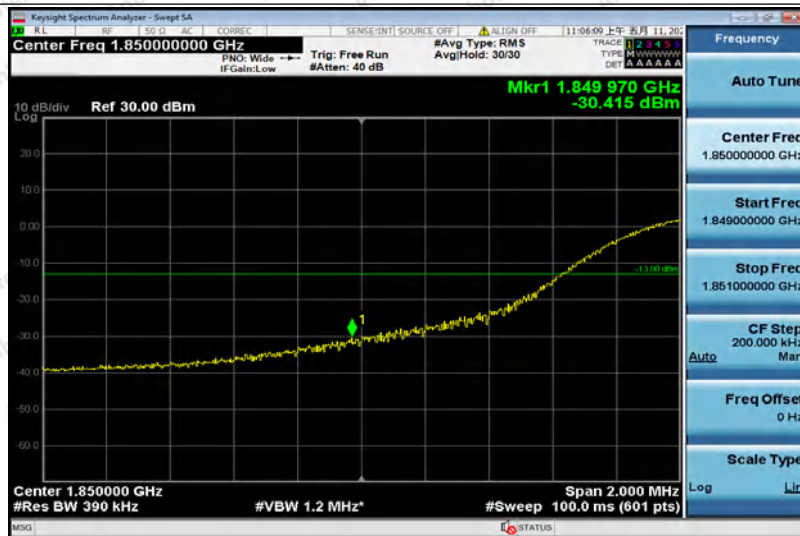
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Shenzhen Anbotek Compliance Laboratory Limited

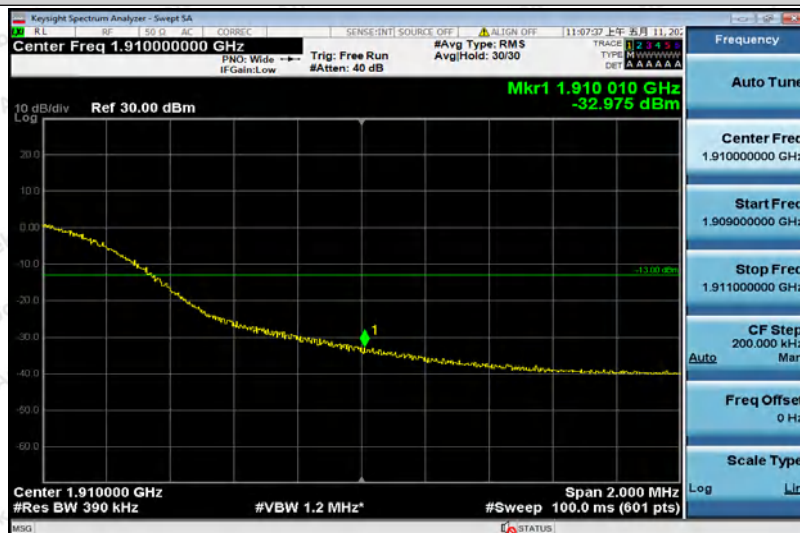
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

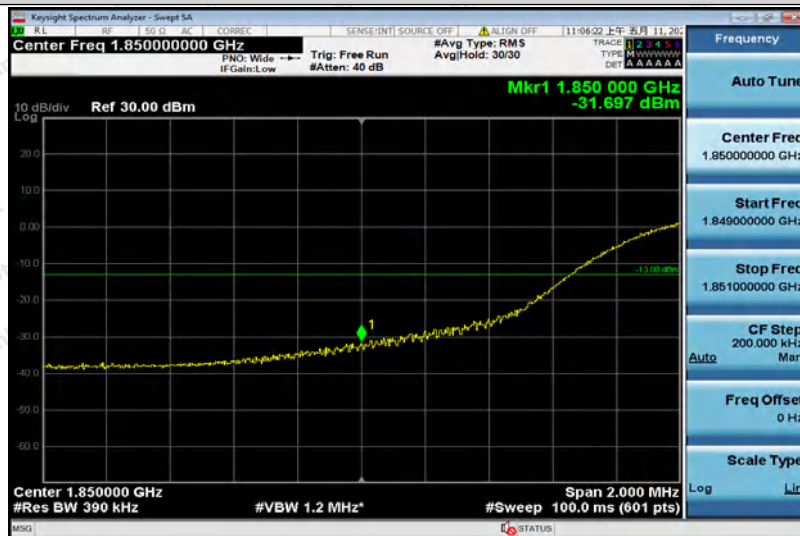
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Band2-20MHz-16QAM-18700-100RB#0



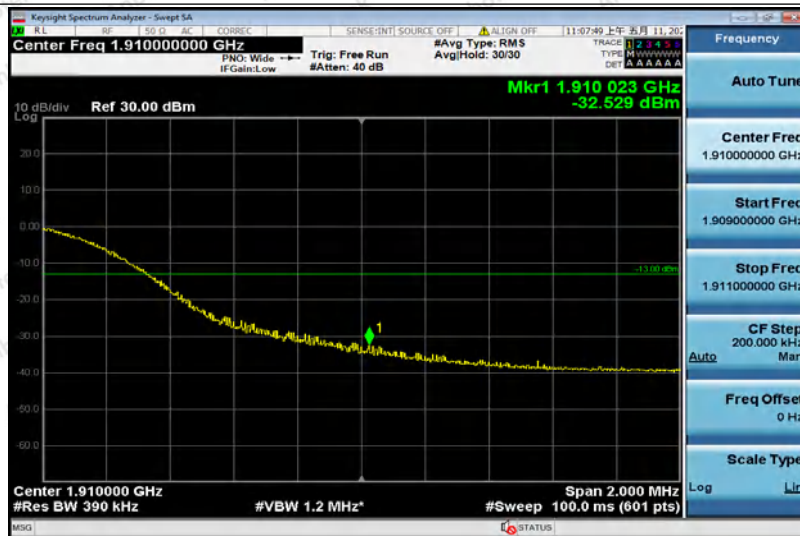
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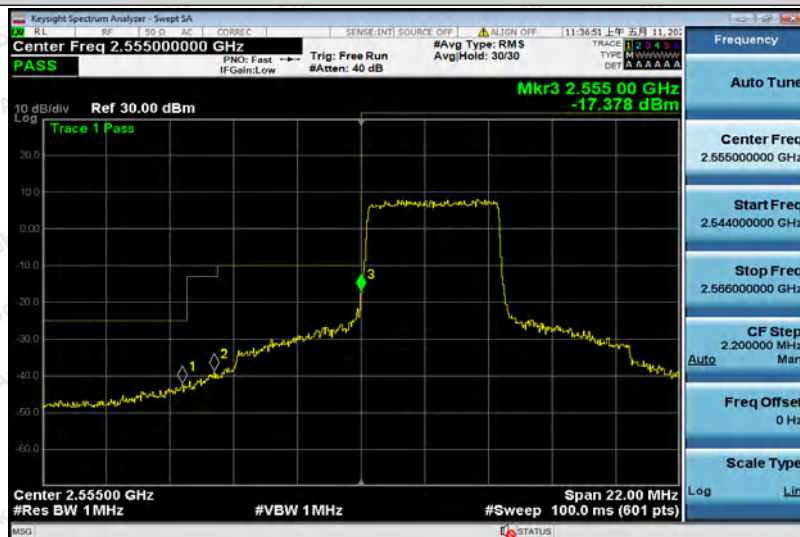
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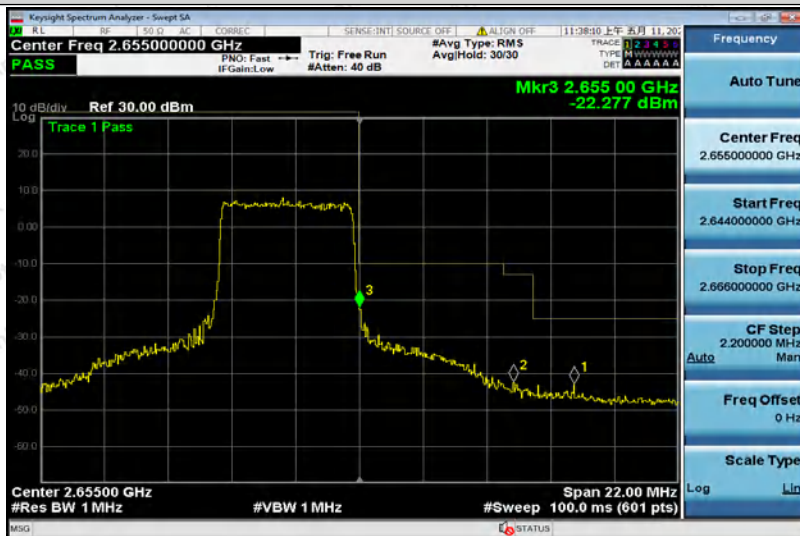
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Band41-5MHz-QPSK-40265-25RB#0



Band41-5MHz-QPSK-41215-25RB#0



Band41-5MHz-16QAM-40265-25RB#0

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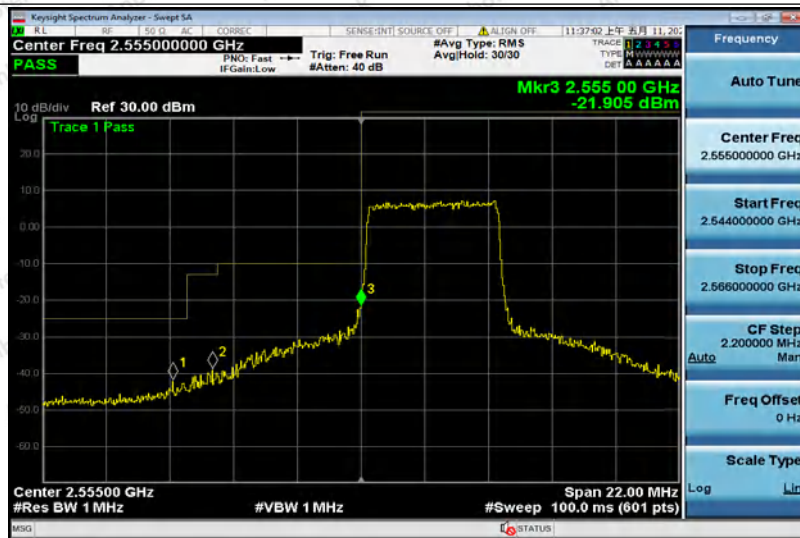
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Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

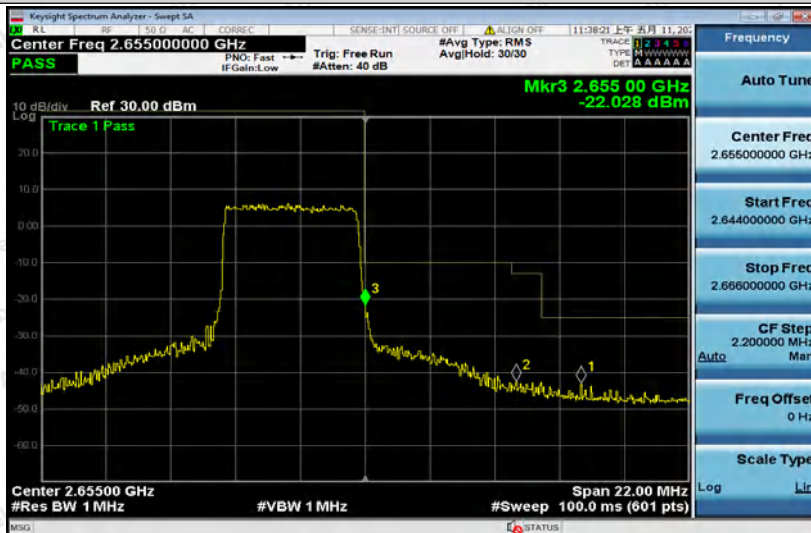


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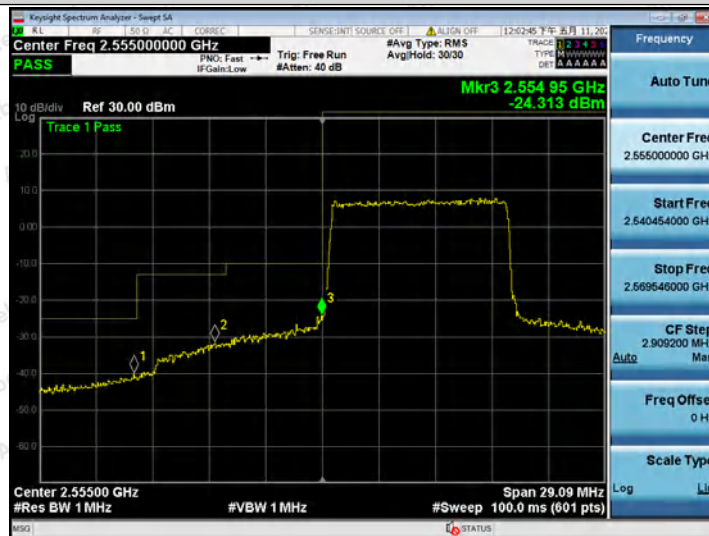
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Band41-5MHz-16QAM-41215-25RB#0



Band41-10MHz-QPSK-40290-50RB#0



Band41-10MHz-QPSK-41190-50RB#0

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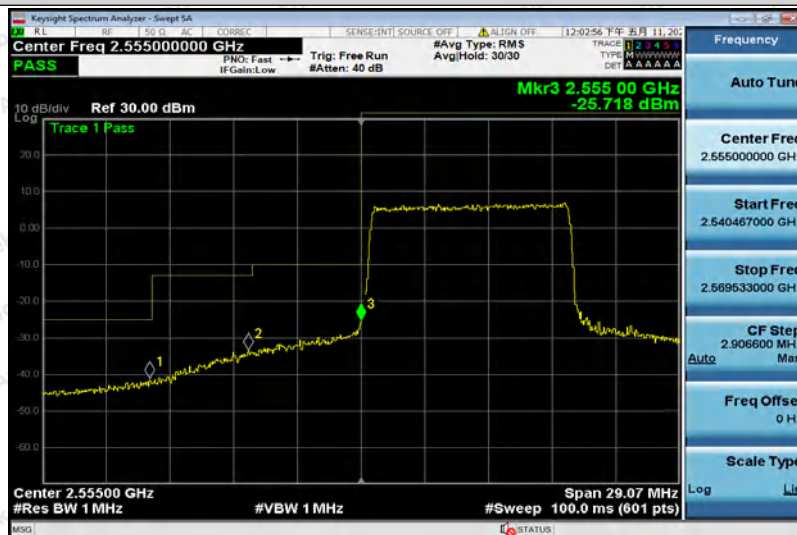


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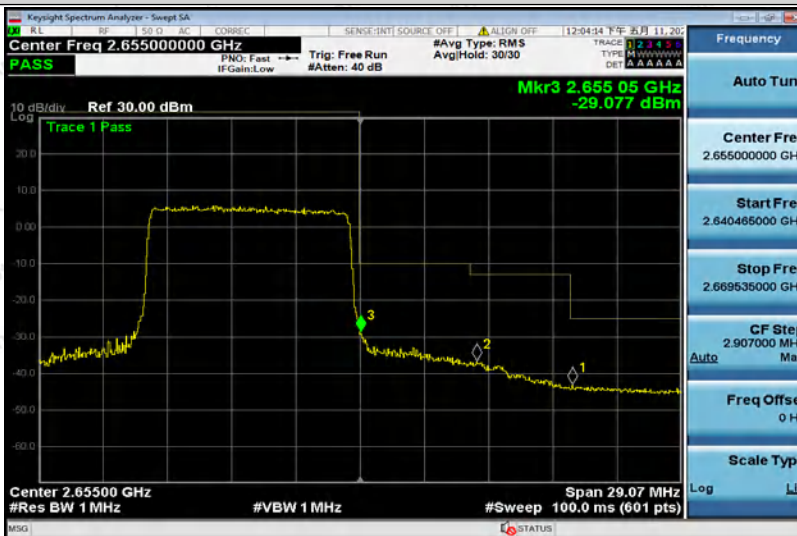
400-003-0500
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Band41-10MHz-16QAM-40290-50RB#0



Band41-10MHz-16QAM-41190-50RB#0



Band41-15MHz-QPSK-40315-75RB#0

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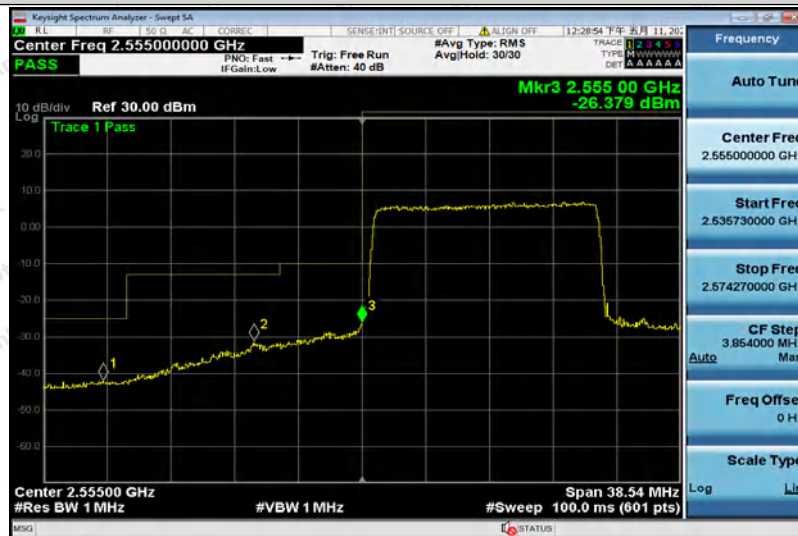
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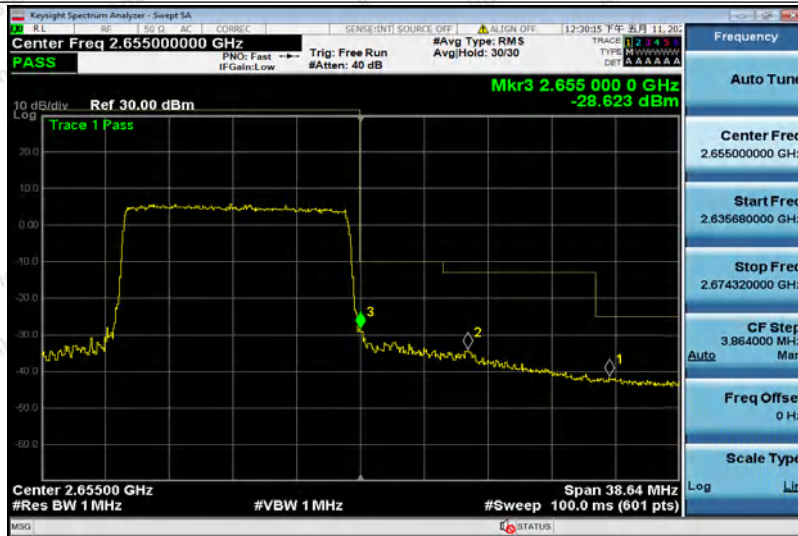
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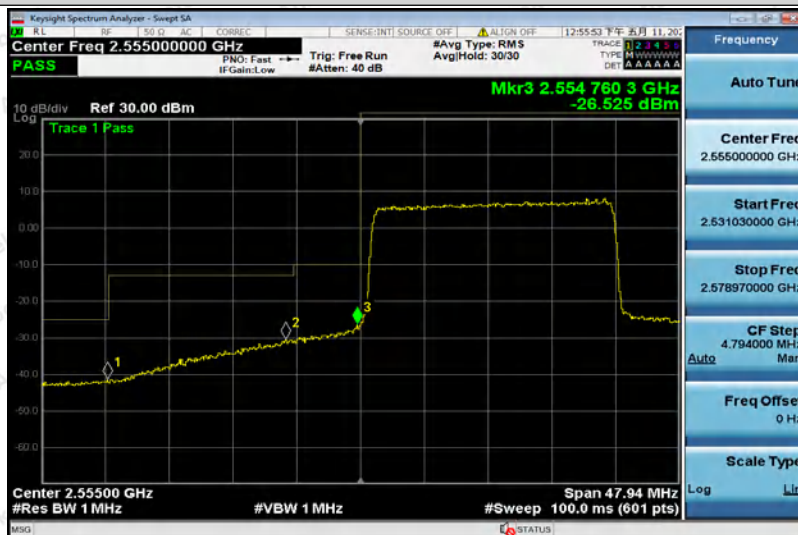
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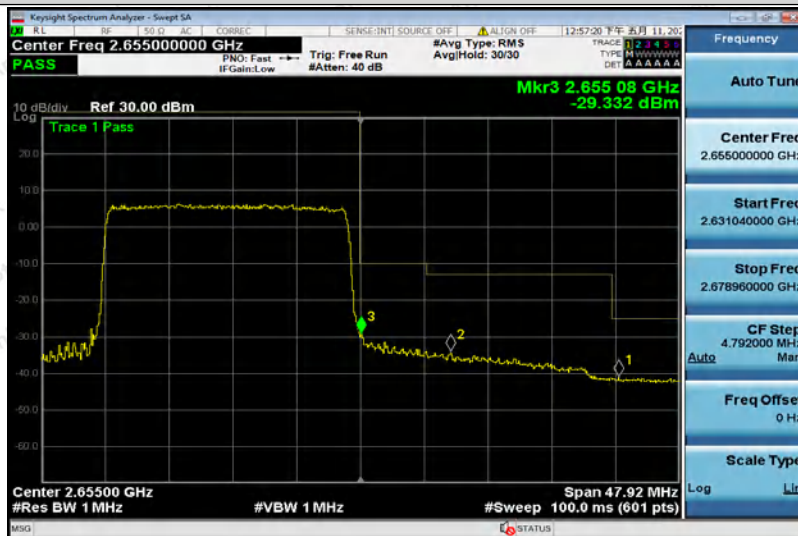
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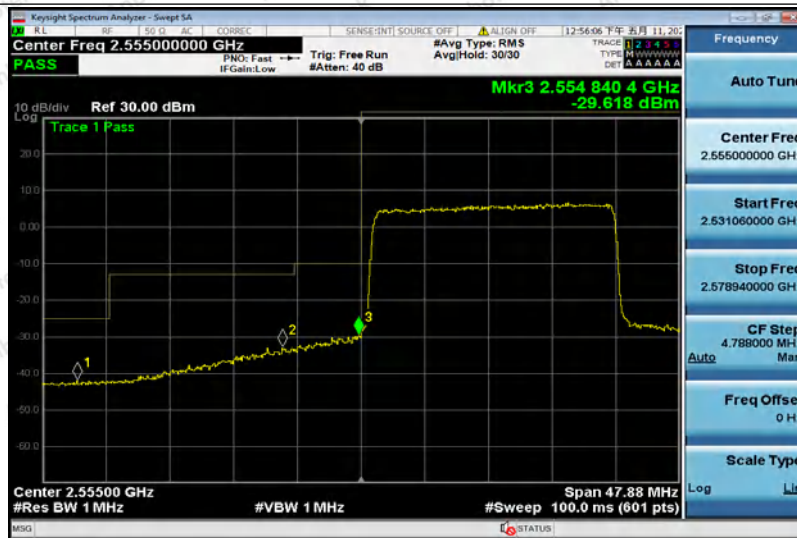
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
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Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

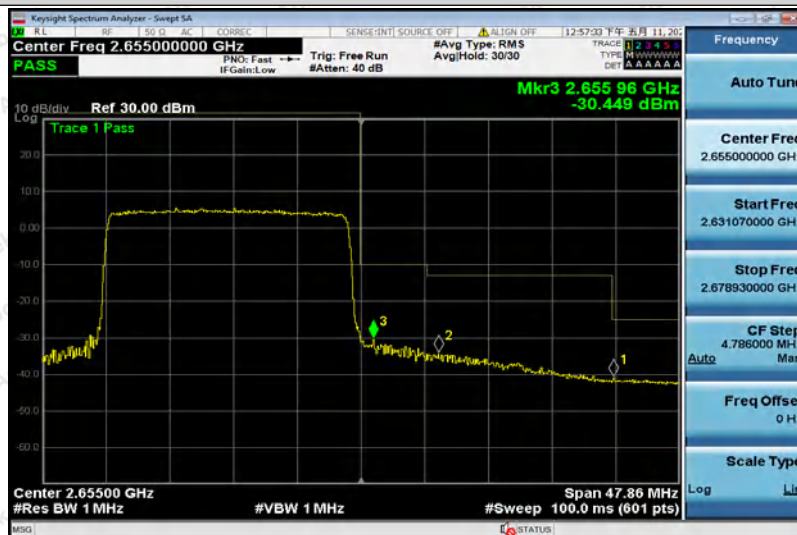


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Band41-20MHz-16QAM-41140-100RB#0



10. Frequency Stability

10.1. Test Standard and Limit

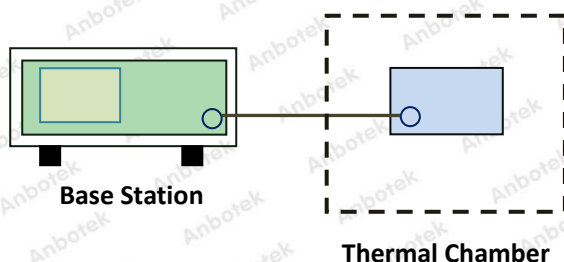
According to §22.355, the carrier frequency of each transmitter in the Public Mobile Services must be maintained within the tolerances given in Table below:

Frequency Tolerance for Transmitters in the Public Mobile Services

Frequency Range (MHz)	Base, fixed (ppm)	Mobile ≤ 3 watts (ppm)	Mobile ≤ 3 watts (ppm)
25 to 50	20.0	20.0	50.0
50 to 450	5.0	5.0	50.0
450 to 512	2.5	5.0	5.0
821 to 896	1.5	2.5	2.5
928 to 929.	5.0	N/A	N/A
929 to 960.	1.5	N/A	N/A
2110 to 2220	10.0	N/A	N/A

According to §24.235, the frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized frequency block.

10.2. Test Setup



10.3. Test Procedure

A communication link was established between EUT and base station. The frequency error was monitored and measured by base station under variation of ambient temperature and variation of primary supply voltage.

Limit: The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

10.4. Test Data

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WCDMA Band V Test Frequency: 836.4MHz				
Temperature(℃)	Power Supply(V ^{DC})	Frequency Error(Hz)	Frequency Error(ppm)	Limit(ppm)
-30	3.85	5	0.0060	2.5
-20		-1	-0.0012	2.5
-10		-1	-0.0012	2.5
0		5	0.0060	2.5
10		2	0.0024	2.5
20		2	0.0024	2.5
30		0	0.0000	2.5
40		-2	-0.0024	2.5
50		2	0.0024	2.5
20	3.4	-1	-0.0012	2.5
20	4.2	-4	-0.0048	2.5

WCDMA Band II Test Frequency: 1880MHz				
Temperature(℃)	Power Supply(V ^{DC})	Frequency Error(Hz)	Frequency Error(ppm)	Limit(ppm)
-30	3.85	-1	-0.0005	2.5
-20		4	0.0021	2.5
-10		2	0.0011	2.5
0		-3	-0.0016	2.5
10		-4	-0.0021	2.5
20		-2	-0.0011	2.5
30		4	0.0021	2.5
40		3	0.0016	2.5
50		6	0.0032	2.5
20	3.4	-7	-0.0037	2.5
20	4.2	-2	-0.0011	2.5

LTE Band II Test Frequency: 1880MHz(QPSK)				
Temperature(℃)	Power Supply (V ^{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-30	3.85	-5	-0.0027	2.5
-20		-5	-0.0027	2.5
-10		-6	-0.0032	2.5
0		-3	-0.0016	2.5
10		-6	-0.0032	2.5
20		-2	-0.0011	2.5
30		6	0.0032	2.5
40		6	0.0032	2.5
50		-3	-0.0016	2.5
20	3.4	-7	-0.0037	2.5
20	4.2	-5	-0.0027	2.5

LTE Band II Test Frequency: 1880MHz(16QAM)				
Temperature(℃)	Power Supply (V ^{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-30	3.85	-5	-0.0027	2.5
-20		-8	-0.0043	2.5
-10		-7	-0.0037	2.5
0		-9	-0.0048	2.5
10		-5	-0.0027	2.5
20		-8	-0.0043	2.5
30		5	0.0027	2.5
40		-7	-0.0037	2.5
50		-6	-0.0032	2.5
20	3.4	-4	-0.0021	2.5
20	4.2	-5	-0.0027	2.5

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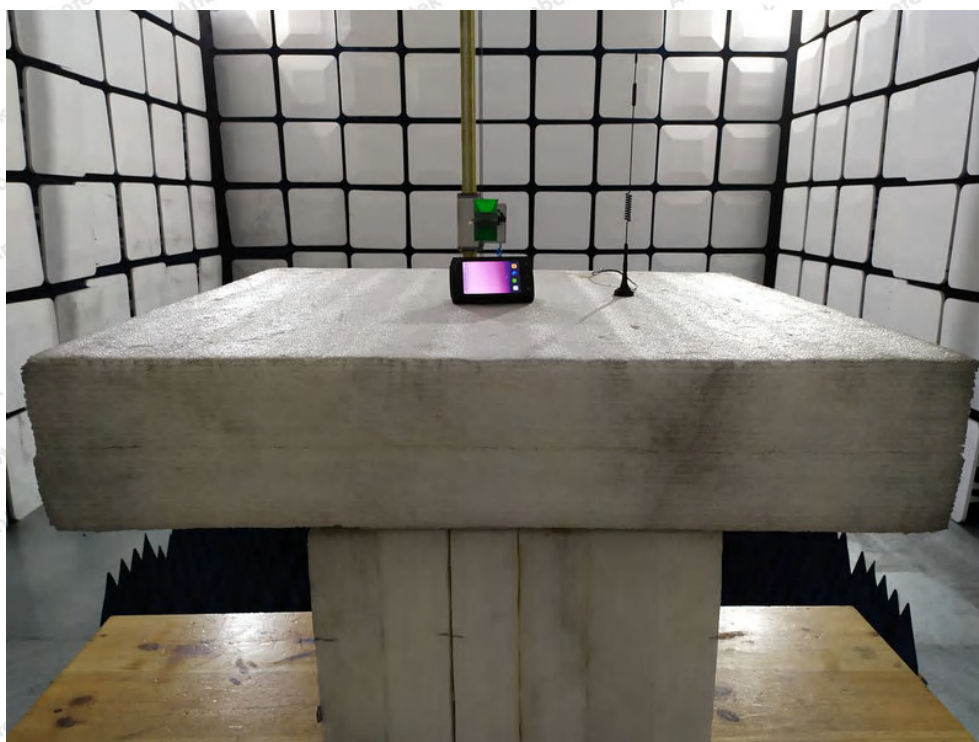
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LTE Band 41 Test Frequency:2600MHz(QPSK)				
Temperature(℃)	Power Supply (V ^{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-30	3.85	-5	-0.0019	2.5
-20		5	0.0019	2.5
-10		8	0.0031	2.5
0		6	0.0023	2.5
10		6	0.0023	2.5
20		-2	-0.0008	2.5
30		3	0.0012	2.5
40		-6	-0.0023	2.5
50		-7	-0.0027	2.5
20	3.4	-4	-0.0015	2.5
20	4.2	-4	-0.0015	2.5

LTE Band 41 Test Frequency:2600MHz(16QAM)				
Temperature(℃)	Power Supply (V ^{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-30	3.85	6	0.0023	2.5
-20		5	0.0019	2.5
-10		-2	-0.0008	2.5
0		-3	-0.0012	2.5
10		-4	-0.0015	2.5
20		-4	-0.0015	2.5
30		-7	-0.0027	2.5
40		-6	-0.0023	2.5
50		-4	-0.0015	2.5
20	3.4	-5	-0.0019	2.5
20	4.2	-5	-0.0019	2.5

APPENDIX I -- TEST SETUP PHOTOGRAPH

Photo of Radiation Emission Test



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APPENDIX II -- EXTERNAL PHOTOGRAPH

Reference to the test report 18220WC00047601.

APPENDIX III -- INTERNAL PHOTOGRAPH

Reference to the test report 18220WC00047601.

----- End of Report -----

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