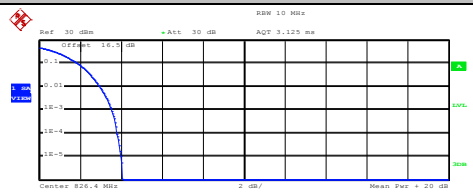
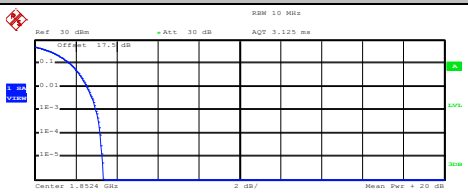
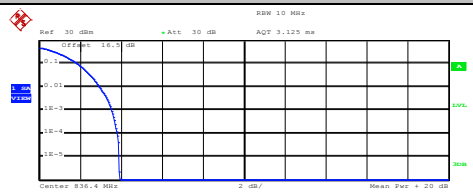
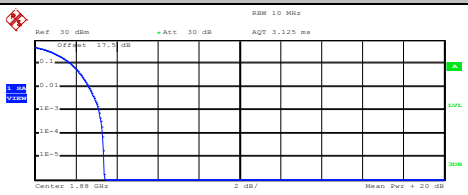
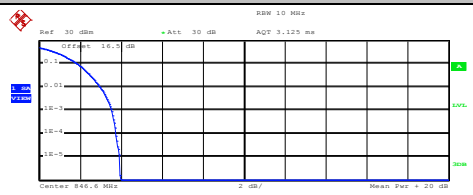
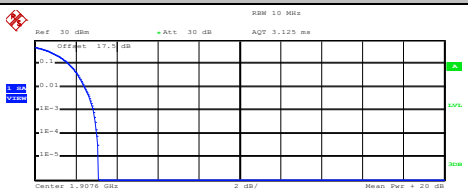
A2. WCDMA

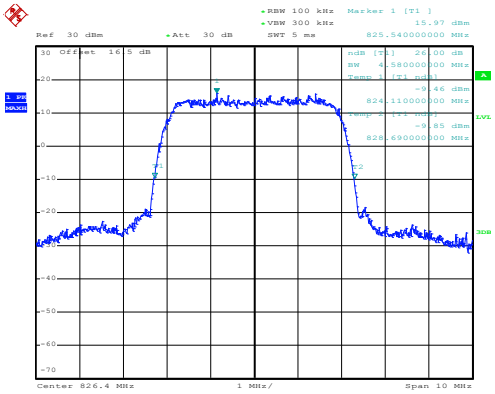
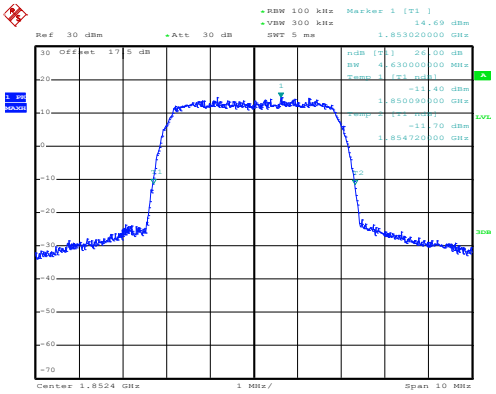
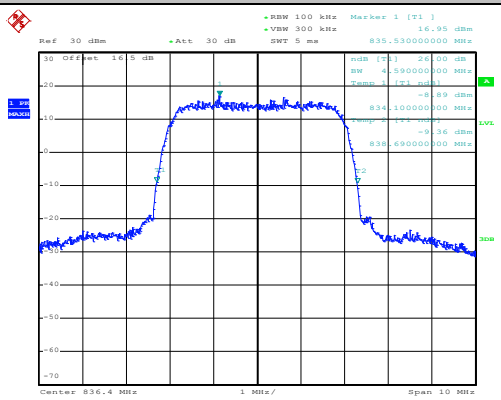
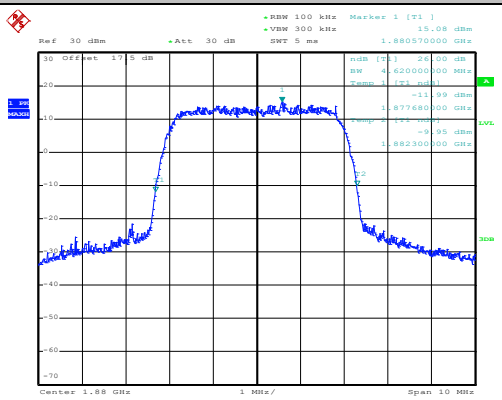
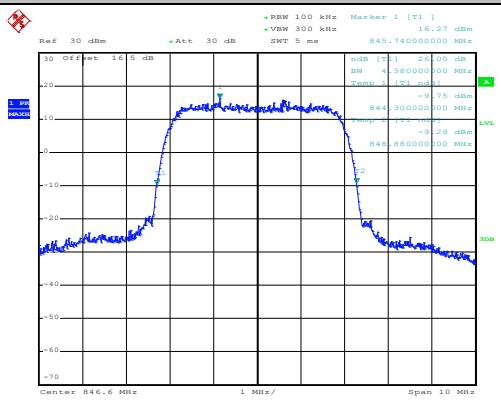
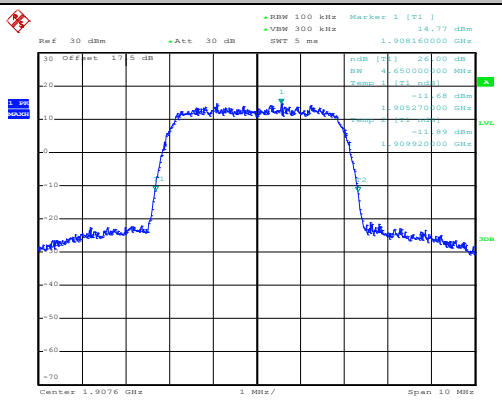
Peak-to-Average Ratio

Mode	WCDMA Band V	WCDMA Band II	Limit: 13dB
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	Result
Lowest CH	3.56	3.00	PASS
Middle CH	3.56	3.12	
Highest CH	3.56	2.88	

WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	**Lowest Channel**
	
Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 20.11 dBm Peak 24.18 dBm Crest 4.07 dB 10 % 1.88 dB 1 % 2.96 dB .1 % 3.56 dB .01 % 3.80 dB	Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 19.56 dBm Peak 22.91 dBm Crest 3.35 dB 10 % 1.72 dB 1 % 2.56 dB .1 % 3.00 dB .01 % 3.20 dB
Date: 16.APR.2016 17:21:49	Date: 16.APR.2016 16:14:25
Middle Channel	**Middle Channel**
	
Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 19.78 dBm Peak 23.69 dBm Crest 3.91 dB 10 % 1.88 dB 1 % 2.96 dB .1 % 3.56 dB .01 % 3.84 dB	Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 19.52 dBm Peak 22.91 dBm Crest 3.40 dB 10 % 1.76 dB 1 % 2.64 dB .1 % 3.12 dB .01 % 3.32 dB
Date: 16.APR.2016 17:21:59	Date: 16.APR.2016 16:14:37
Highest Channel	**Highest Channel**
	
Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 20.08 dBm Peak 24.04 dBm Crest 3.96 dB 10 % 1.88 dB 1 % 3.00 dB .1 % 3.56 dB .01 % 3.76 dB	Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 19.31 dBm Peak 22.42 dBm Crest 3.11 dB 10 % 1.64 dB 1 % 2.44 dB .1 % 2.88 dB .01 % 3.04 dB
Date: 16.APR.2016 17:22:09	Date: 16.APR.2016 16:14:49

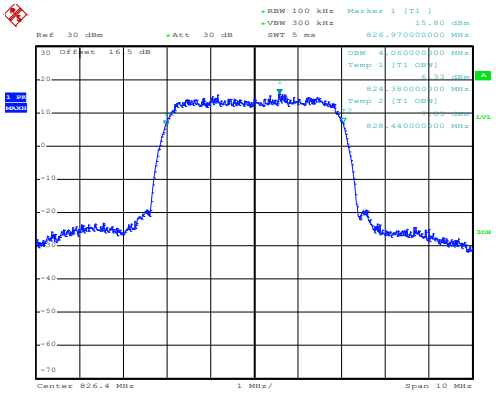
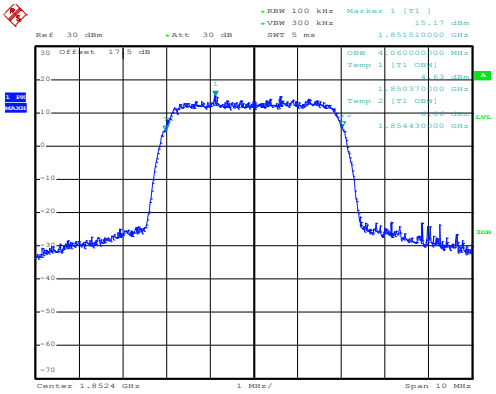
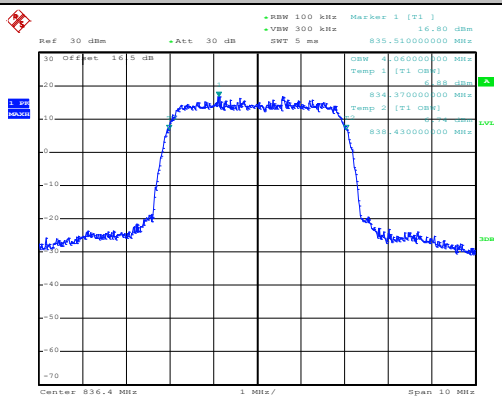
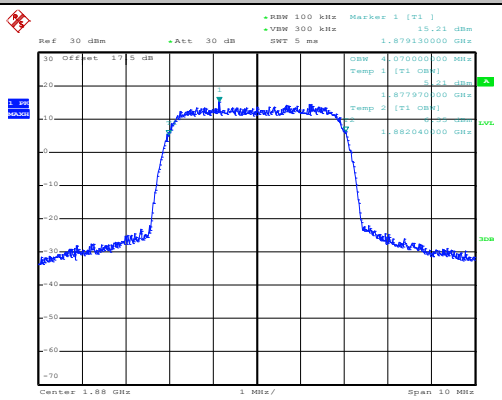
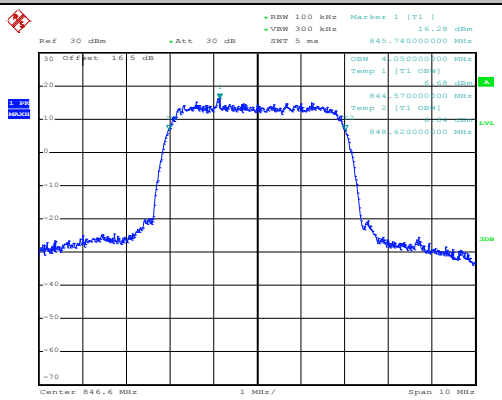
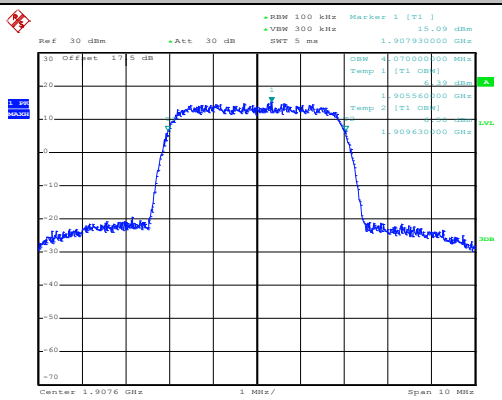
26dB Bandwidth

Mode	WCDMA Band V	WCDMA Band II
Mod.	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.58	4.63
Middle CH	4.59	4.62
Highest CH	4.58	4.65

WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	**Lowest Channel**
	
Date: 16.APR.2016 16:32:12	Date: 16.APR.2016 15:52:07
Middle Channel	**Middle Channel**
	
Date: 16.APR.2016 16:32:40	Date: 16.APR.2016 15:52:35
Highest Channel	**Highest Channel**
	
Date: 16.APR.2016 16:33:08	Date: 16.APR.2016 15:53:04

Occupied Bandwidth

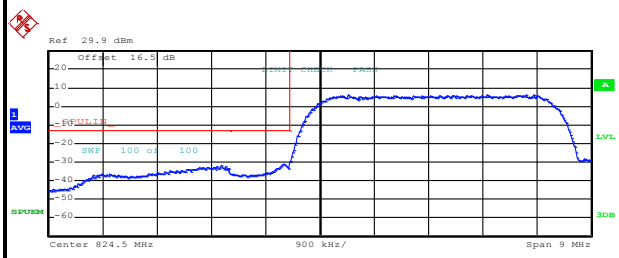
Mode	WCDMA Band V	WCDMA Band II
Mod.	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.06	4.06
Middle CH	4.06	4.07
Highest CH	4.05	4.07

WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	**Lowest Channel**
	
Date: 16.APR.2016 16:33:50	Date: 16.APR.2016 15:54:41
Middle Channel	**Middle Channel**
	
Date: 16.APR.2016 16:34:18	Date: 16.APR.2016 15:55:09
Highest Channel	**Highest Channel**
	
Date: 16.APR.2016 16:34:46	Date: 16.APR.2016 15:55:37

Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

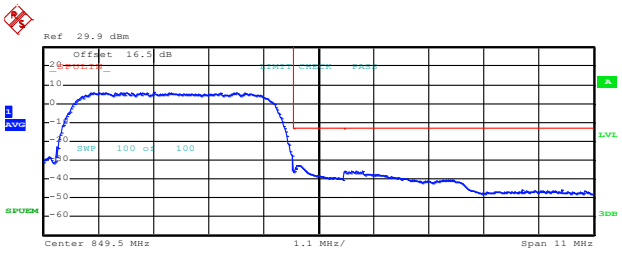
Lowest Band Edge



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
820.000 M	823.000 M	100.00 k	822.865000 M	-31.94	-18.94
823.000 M	824.000 M	50.00 k	823.884000 M	-31.14	-18.14
824.000 M	829.000 M	100.00 k	827.915000 M	6.30	-28.70

Date: 16.APR.2016 16:37:33

Highest Band Edge

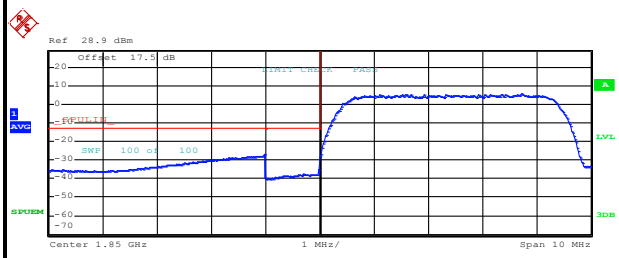


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
844.000 M	849.000 M	100.00 k	846.195000 M	6.03	-28.97
849.000 M	850.000 M	50.00 k	849.080000 M	-32.72	-19.72
850.000 M	855.000 M	100.00 k	850.015000 M	-36.01	-23.01

Date: 16.APR.2016 16:40:16

WCDMA Band II (RMC 12.2Kbps)

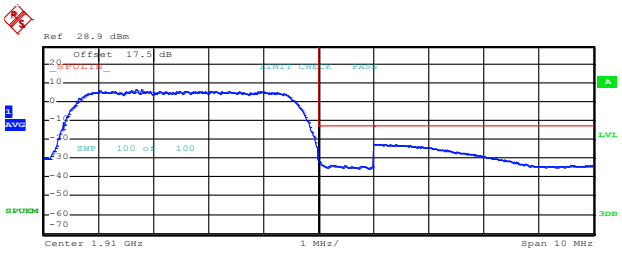
Lowest Band Edge



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.845 G	1.849 G	1.00 M	1.848992 G	-27.10	-14.10
1.849 G	1.850 G	50.00 k	1.849996 G	-35.41	-22.41
1.850 G	1.855 G	100.00 k	1.853720 G	5.60	-29.40

Date: 16.APR.2016 16:18:04

Highest Band Edge



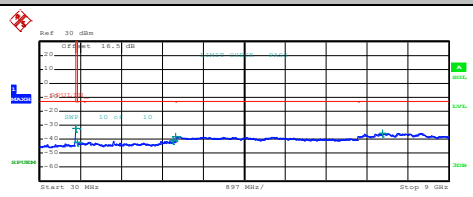
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.905 G	1.910 G	100.00 k	1.906775 G	6.59	-28.41
1.910 G	1.911 G	50.00 k	1.910008 G	-31.89	-18.89
1.911 G	1.915 G	1.00 M	1.911028 G	-22.59	-9.59

Date: 16.APR.2016 16:20:47

Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

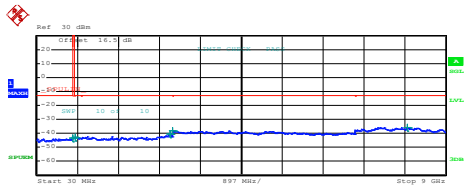
Lowest Channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
30.000 M	820.000 M	1.00 M	819.407500 M	-52.22	-19.22
855.000 M	1.000 G	1.00 M	859.930000 M	-42.30	-29.30
1.000 G	3.000 G	1.00 M	2.961500 G	-41.26	-28.26
3.000 G	7.000 G	1.00 M	3.009000 G	-37.99	-24.99
7.000 G	9.000 G	1.00 M	7.551000 G	-35.72	-22.72

Date: 16.APR.2016 17:03:04

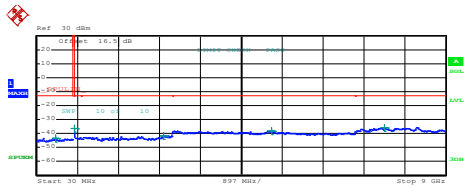
Middle Channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
30.000 M	820.000 M	1.00 M	816.642500 M	-40.61	-30.61
855.000 M	1.000 G	1.00 M	869.318751 M	-42.72	-29.72
1.000 G	3.000 G	1.00 M	2.947500 G	-40.61	-27.61
3.000 G	7.000 G	1.00 M	3.003000 G	-38.03	-25.03
7.000 G	9.000 G	1.00 M	8.159500 G	-35.67	-22.67

Date: 16.APR.2016 17:03:51

Highest Channel

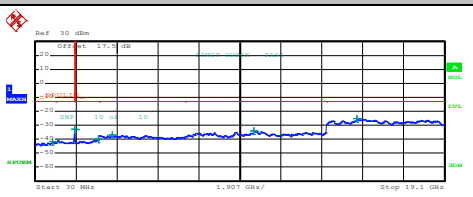


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
30.000 M	820.000 M	1.00 M	438.232500 M	-43.55	-30.55
855.000 M	1.000 G	1.00 M	855.036250 M	-36.54	-23.54
1.000 G	3.000 G	1.00 M	2.806000 G	-41.64	-28.64
3.000 G	7.000 G	1.00 M	5.180000 G	-38.21	-25.21
7.000 G	9.000 G	1.00 M	7.646500 G	-35.51	-22.51

Date: 16.APR.2016 17:04:36

WCDMA Band II (RMC 12.2Kbps)

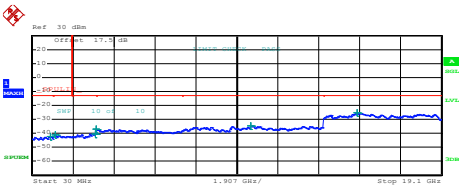
Lowest Channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
30.000 M	1.000 G	1.00 M	832.432500 M	-41.36	-28.36
1.000 G	1.845 G	1.00 M	1.844578 G	-33.14	-20.14
1.915 G	3.000 G	1.00 M	2.978300 G	-39.95	-26.95
3.000 G	7.000 G	1.00 M	3.609000 G	-37.13	-24.13
7.000 G	13.600 G	1.00 M	10.230700 G	-33.98	-20.98
13.600 G	19.100 G	1.00 M	15.003875 G	-25.52	-12.52

Date: 16.APR.2016 15:57:00

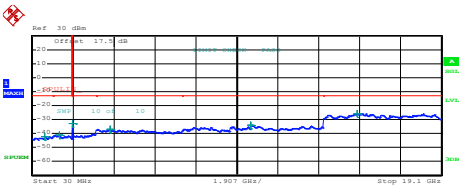
Middle Channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
30.000 M	1.000 G	1.00 M	876.867500 M	-42.29	-29.29
1.000 G	1.845 G	1.00 M	1.091894 G	-40.87	-27.87
1.915 G	3.000 G	1.00 M	2.981826 G	-40.25	-27.25
3.000 G	7.000 G	1.00 M	3.009000 G	-36.97	-23.97
7.000 G	13.600 G	1.00 M	10.216675 G	-34.38	-21.38
13.600 G	19.100 G	1.00 M	15.169563 G	-25.50	-12.50

Date: 16.APR.2016 15:57:46

Highest Channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
30.000 M	1.000 G	1.00 M	585.325000 M	-42.27	-29.27
1.000 G	1.845 G	1.00 M	1.297851 G	-41.12	-28.12
1.915 G	3.000 G	1.00 M	1.915542 G	-32.85	-19.85
3.000 G	7.000 G	1.00 M	3.653000 G	-36.81	-23.81
7.000 G	13.600 G	1.00 M	10.210075 G	-34.29	-21.29
13.600 G	19.100 G	1.00 M	15.162688 G	-25.78	-12.78

Date: 16.APR.2016 15:58:32

Frequency Stability

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0036	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0167	
20	Battery End Point	0.0024	

Note:

1. Normal Voltage = 6.0V. ；Battery End Point (BEP) = 4.92 V.；Maximum Voltage =7.0 V
2. The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0027	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage = 6.0V. ；Battery End Point (BEP) = 4.92 V. ；Maximum Voltage =7.0 V
2. The frequency fundamental emissions stay within the authorized frequency block.