

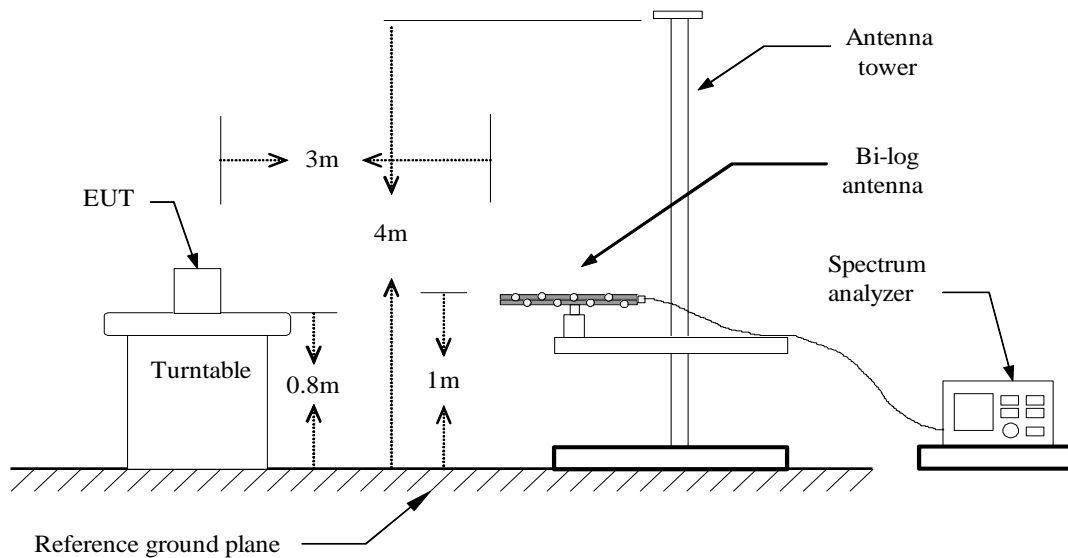
7.6 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

LIMIT

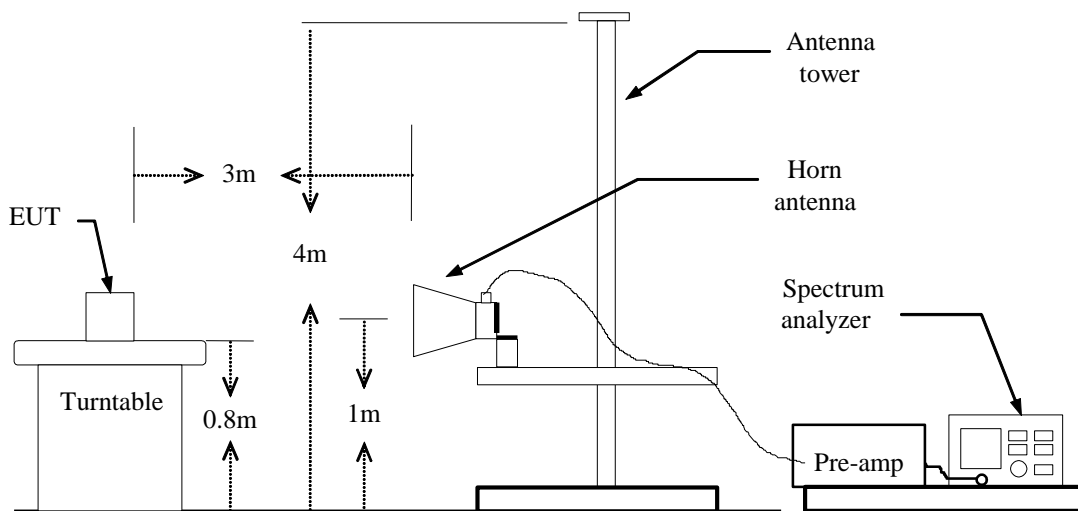
According to FCC §2.1053

Test Configuration

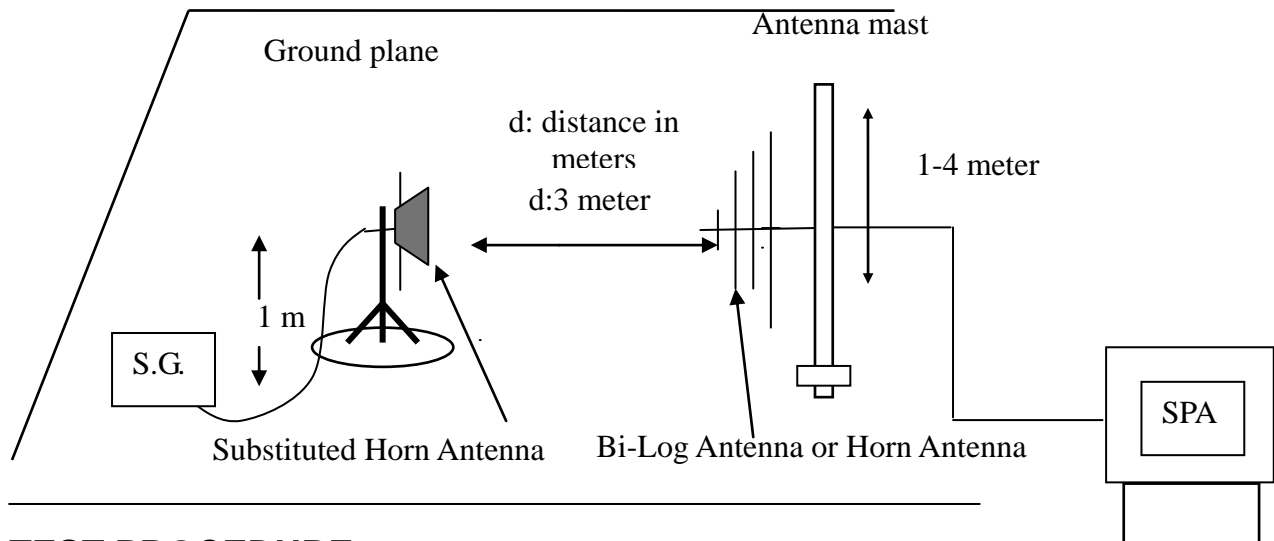
Below 1 GHz



Above 1 GHz



Substituted Method Test Set-up



TEST PROCEDURE

The EUT was placed on a non-conductive, the measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

The frequency range up to tenth harmonic was investigated for each of three fundamental frequency (low, middle and high channels). Once spurious emission were identified, the power of the emission was determined using the substitution method.

The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency.

$$ERP = S.G. \text{ output (dBm)} + \text{Antenna Gain (dBd)} - \text{Cable (dB)}$$

$$EIRP = S.G. \text{ output (dBm)} + \text{Antenna Gain (dBi)} - \text{Cable (dB)}$$

TEST RESULTS

Refer to the attached tabular data sheets.

Radiated Spurious Emission Measurement Result

Below 1GHz

Operation Mode: CDMA / BC0 / TX / CH 384

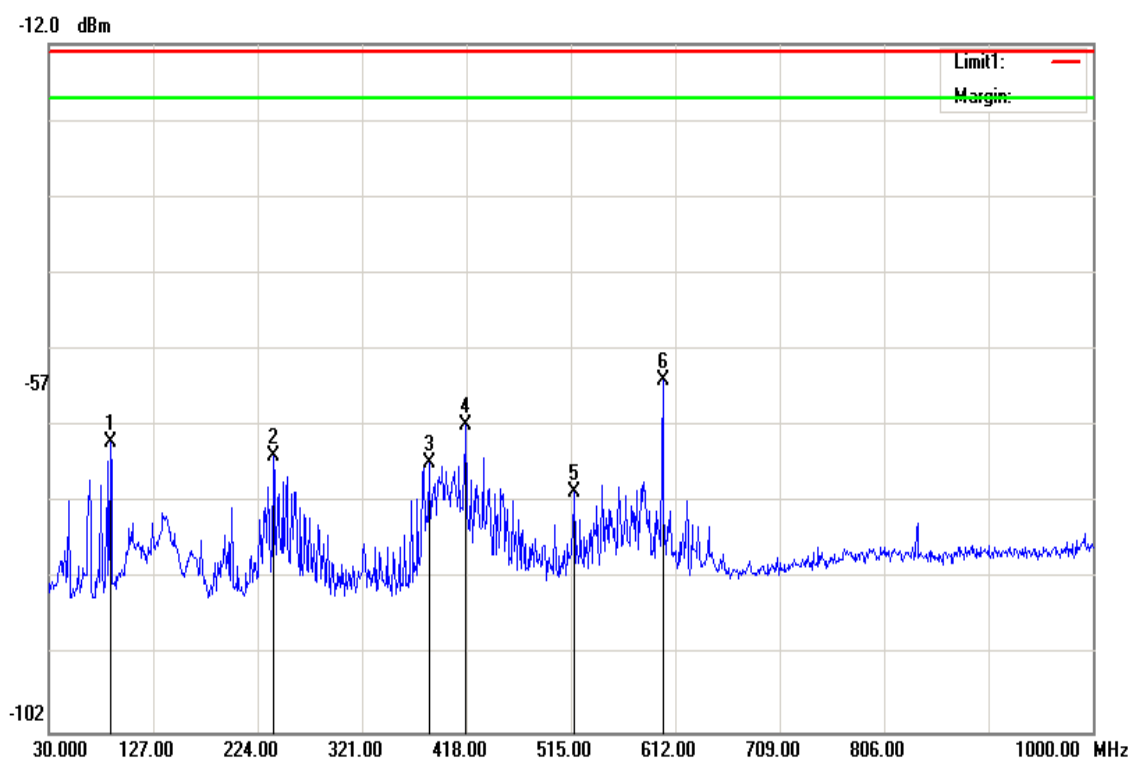
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
87.2300	-63.7	1.09	0.73	-64.06	-13.00	-51.06	V
238.5500	-69.5	1.81	5.35	-65.96	-13.00	-52.96	V
383.0800	-70.56	2.31	5.99	-66.88	-13.00	-53.88	V
417.0300	-65.19	2.46	5.84	-61.81	-13.00	-48.81	V
517.9100	-74.09	2.7	6.08	-70.71	-13.00	-57.71	V
600.3600	-59.46	2.9	6.4	-55.96	-13.00	-42.96	V

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with "N/A" remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC0 / TX / CH 384

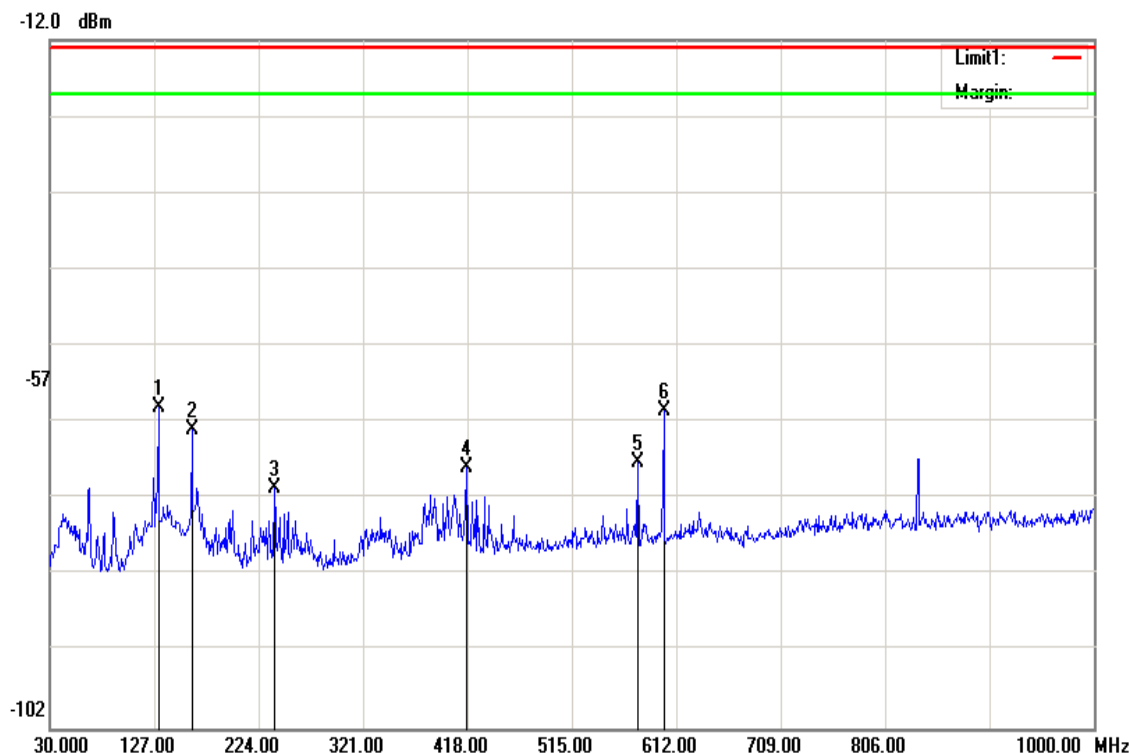
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
130.8800	-57.28	1.35	-1.3	-59.93	-13.00	-46.93	H
161.9200	-63.11	1.5	1.61	-63.00	-13.00	-50.00	H
238.5500	-74.13	1.81	5.35	-70.59	-13.00	-57.59	H
417.0300	-71.26	2.46	5.84	-67.88	-13.00	-54.88	H
576.1100	-70.37	2.88	6.05	-67.20	-13.00	-54.20	H
600.3600	-63.88	2.9	6.4	-60.38	-13.00	-47.38	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC1 / TX / CH 25

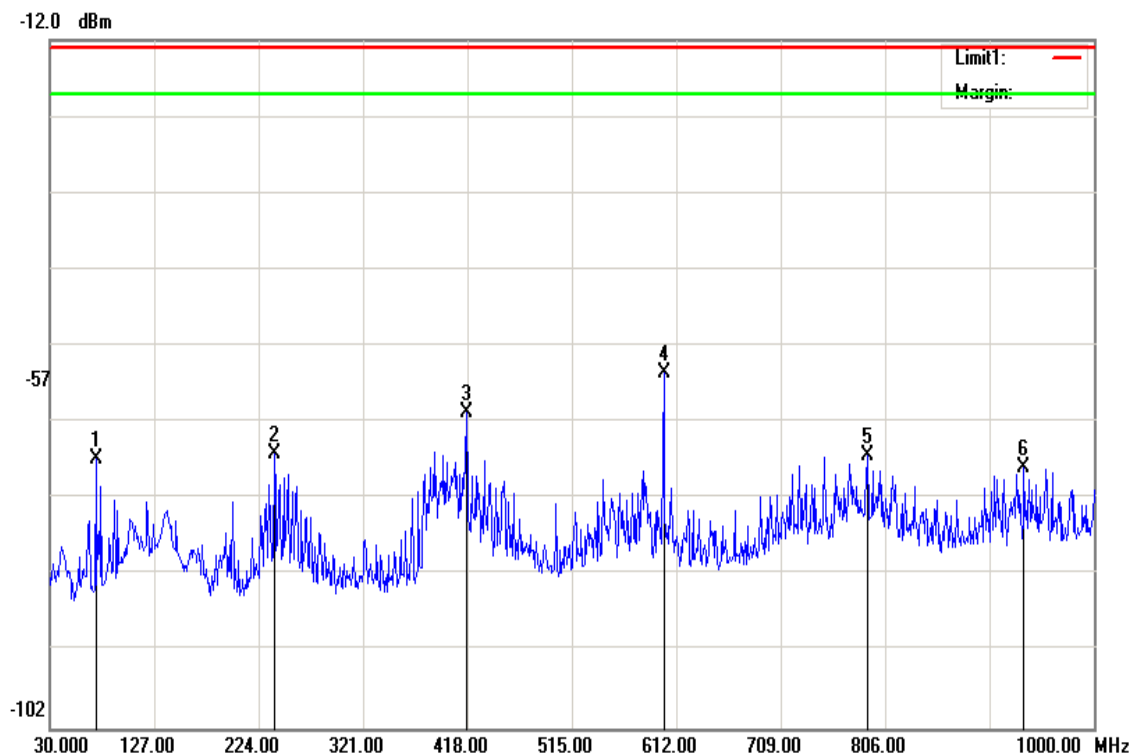
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
72.6800	-64.29	0.98	-1.45	-66.72	-13.00	-53.72	V
238.5500	-69.72	1.81	5.35	-66.18	-13.00	-53.18	V
417.0300	-64.09	2.46	5.84	-60.71	-13.00	-47.71	V
600.3600	-58.97	2.9	6.4	-55.47	-13.00	-42.47	V
789.5100	-69.16	3.33	6.21	-66.28	-13.00	-53.28	V
935.0100	-70.61	3.6	6.4	-67.81	-13.00	-54.81	V

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC1 / TX / CH 25

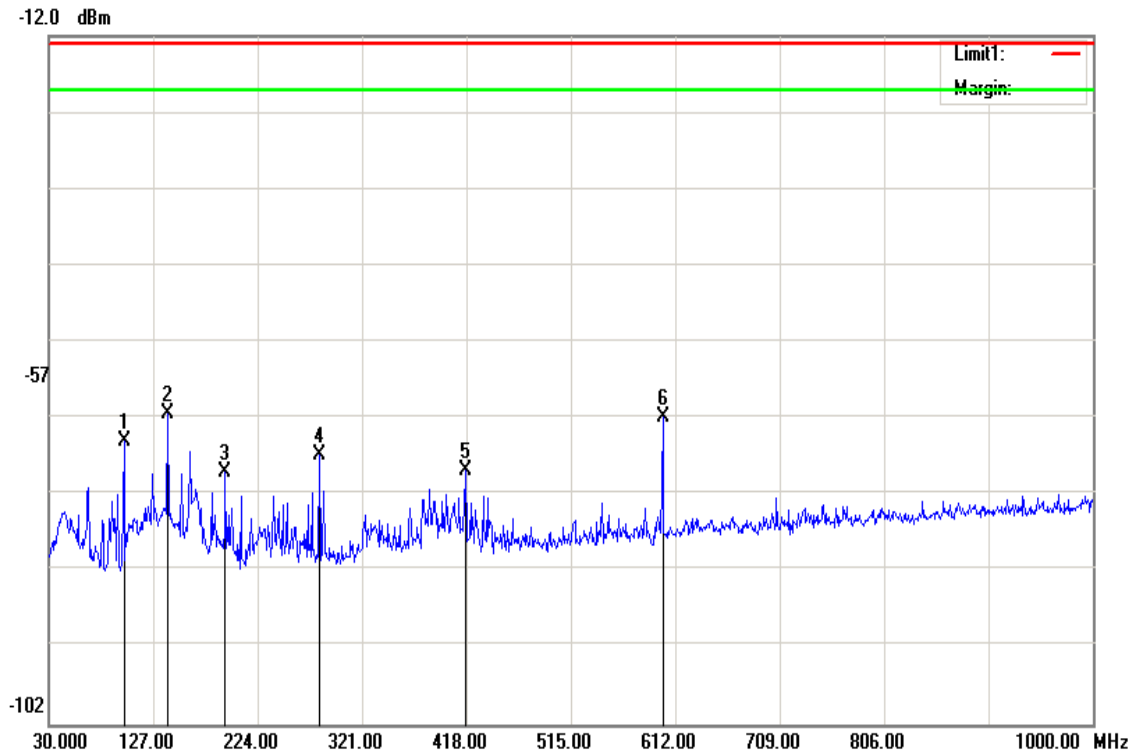
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
99.8400	-63.57	1.15	-0.37	-65.09	-13.00	-52.09	H
140.5800	-59.76	1.39	-0.19	-61.34	-13.00	-48.34	H
193.9300	-71.08	1.62	3.58	-69.12	-13.00	-56.12	H
281.2300	-70.03	2	5.32	-66.71	-13.00	-53.71	H
417.0300	-72.11	2.46	5.84	-68.73	-13.00	-55.73	H
600.3600	-65.25	2.9	6.4	-61.75	-13.00	-48.75	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC10 / TX / CH 580

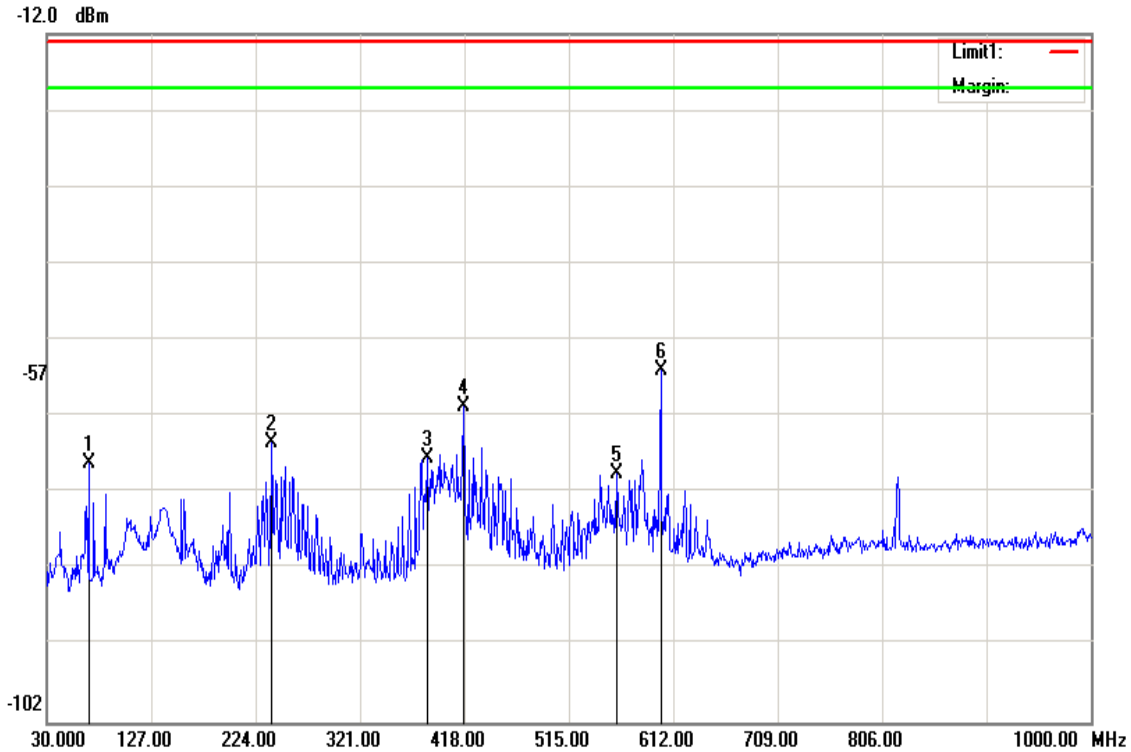
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
68.8000	-65.41	0.95	-1.81	-68.17	-13.00	-55.17	V
238.5500	-69.09	1.81	5.35	-65.55	-13.00	-52.55	V
383.0800	-71.11	2.31	5.99	-67.43	-13.00	-54.43	V
417.0300	-64.12	2.46	5.84	-60.74	-13.00	-47.74	V
559.6200	-72.58	2.84	6.03	-69.39	-13.00	-56.39	V
600.3600	-59.42	2.9	6.4	-55.92	-13.00	-42.92	V

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC10 / TX / CH 580

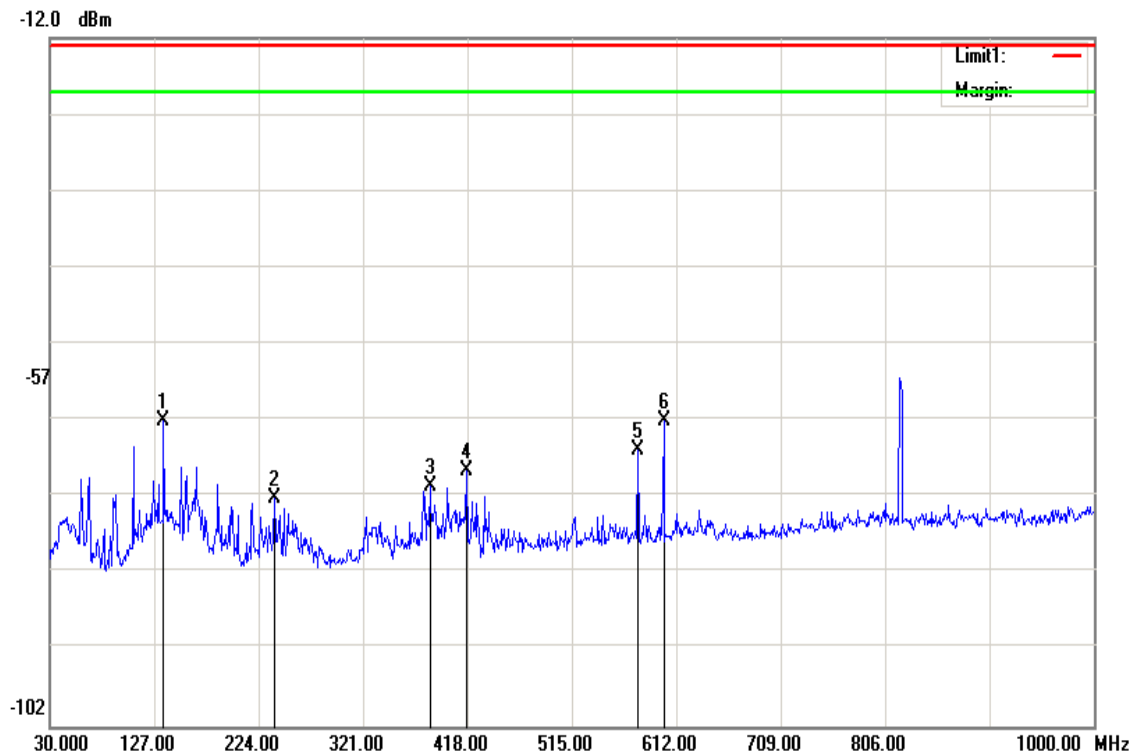
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
135.7300	-60	1.37	-0.72	-62.09	-13.00	-49.09	H
238.5500	-75.62	1.81	5.35	-72.08	-13.00	-59.08	H
383.0800	-74.21	2.31	5.99	-70.53	-13.00	-57.53	H
417.0300	-71.88	2.46	5.84	-68.50	-13.00	-55.50	H
576.1100	-69.03	2.88	6.05	-65.86	-13.00	-52.86	H
600.3600	-65.5	2.9	6.4	-62.00	-13.00	-49.00	H

Remark:

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2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1XRTT / BC0 / TX / CH 384

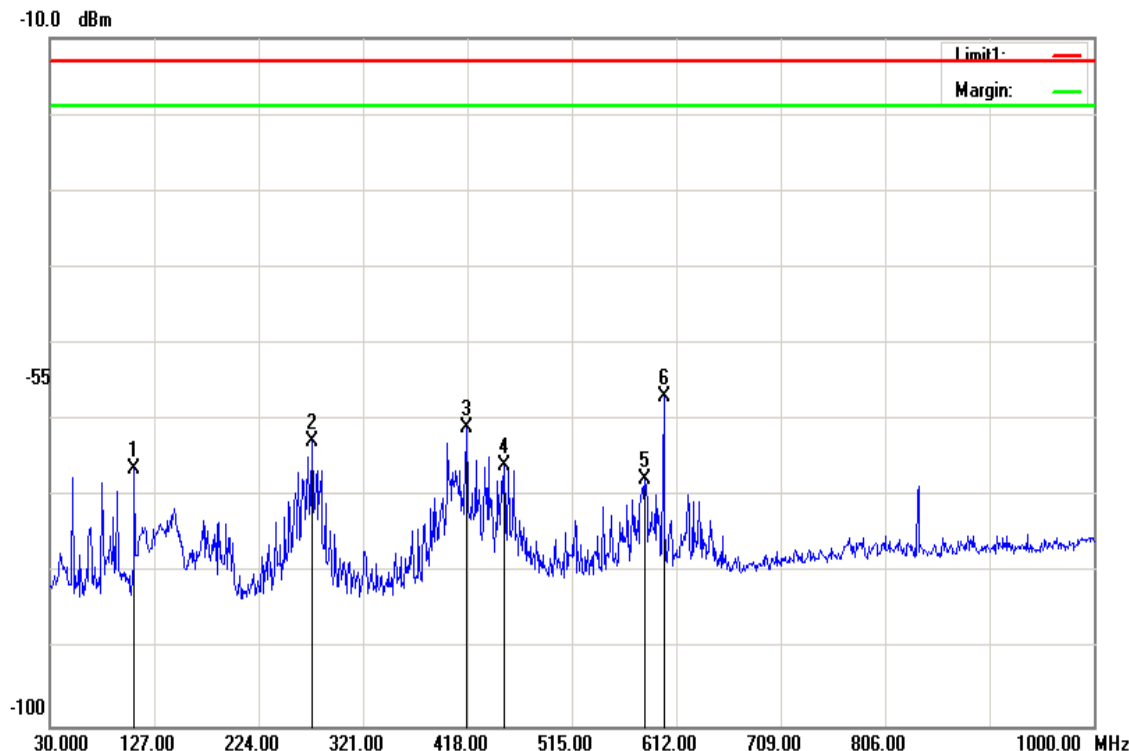
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
108.5700	-63.6	1.2	-1.51	-66.31	-13.00	-53.31	V
273.4700	-66.03	1.99	5.17	-62.85	-13.00	-49.85	V
417.0300	-64.39	2.46	5.84	-61.01	-13.00	-48.01	V
451.9500	-69.11	2.59	5.75	-65.95	-13.00	-52.95	V
582.9000	-70.88	2.89	6.06	-67.71	-13.00	-54.71	V
600.3600	-60.39	2.9	6.4	-56.89	-13.00	-43.89	V

Remark:

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Operation Mode: 1XRTT / BC0 / TX / CH 384

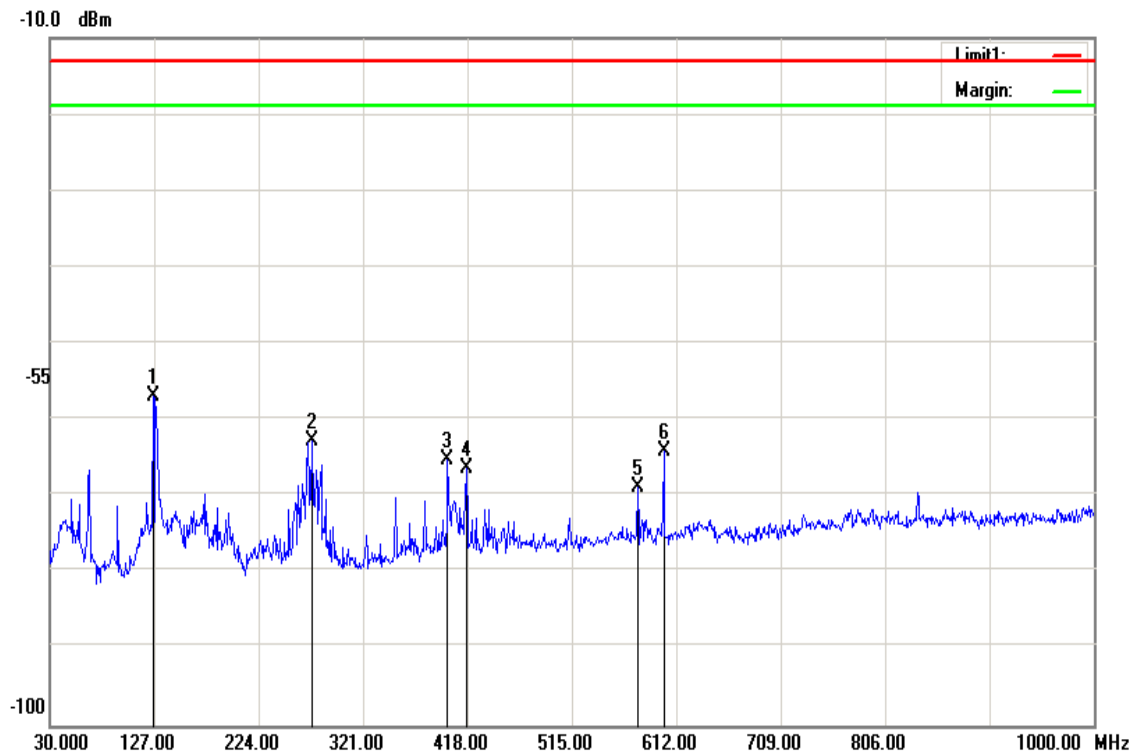
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
126.0300	-54.01	1.32	-1.69	-57.02	-13.00	-44.02	H
273.4700	-65.92	1.99	5.17	-62.74	-13.00	-49.74	H
399.5700	-68.75	2.39	5.98	-65.16	-13.00	-52.16	H
417.0300	-69.66	2.46	5.84	-66.28	-13.00	-53.28	H
576.1100	-71.91	2.88	6.05	-68.74	-13.00	-55.74	H
600.3600	-67.62	2.9	6.4	-64.12	-13.00	-51.12	H

Remark:

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2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1XR TT / BC1 / TX / CH 25

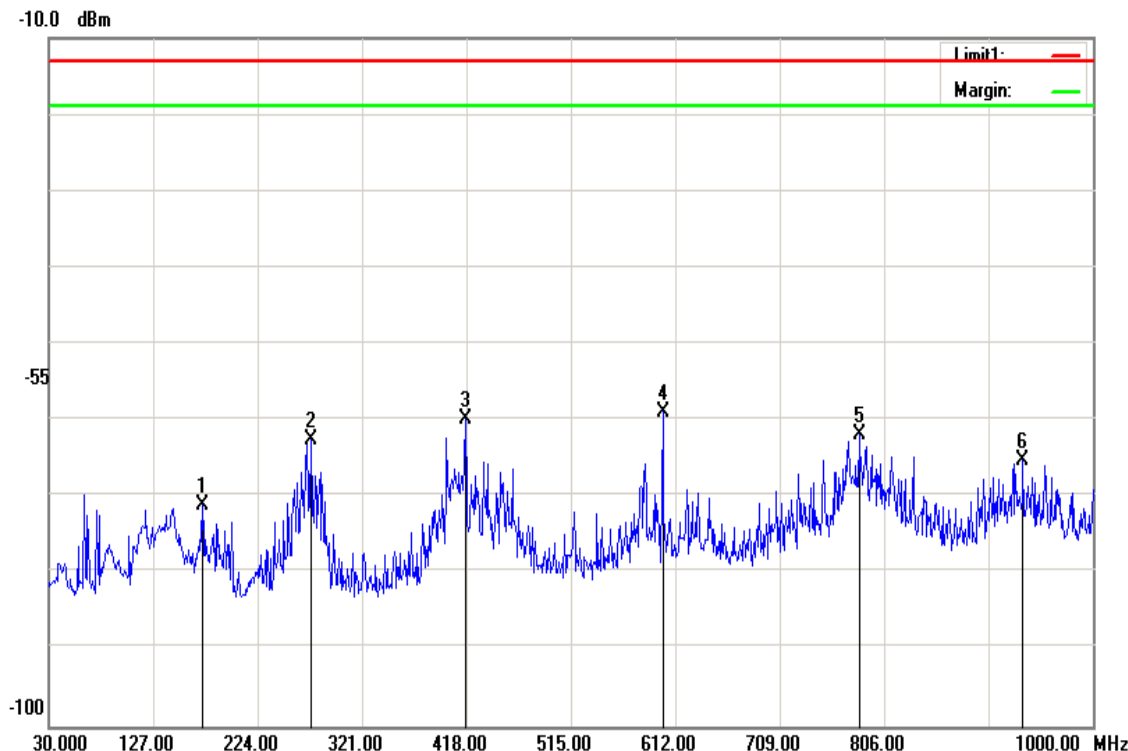
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
172.5900	-72.36	1.58	2.8	-71.14	-13.00	-58.14	V
273.4700	-65.69	1.99	5.17	-62.51	-13.00	-49.51	V
417.0300	-63.32	2.46	5.84	-59.94	-13.00	-46.94	V
600.3600	-62.5	2.9	6.4	-59.00	-13.00	-46.00	V
782.7200	-64.8	3.31	6.14	-61.97	-13.00	-48.97	V
935.0100	-68.05	3.6	6.4	-65.25	-13.00	-52.25	V

Remark:

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2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1XRTT / BC1 / TX / CH 25

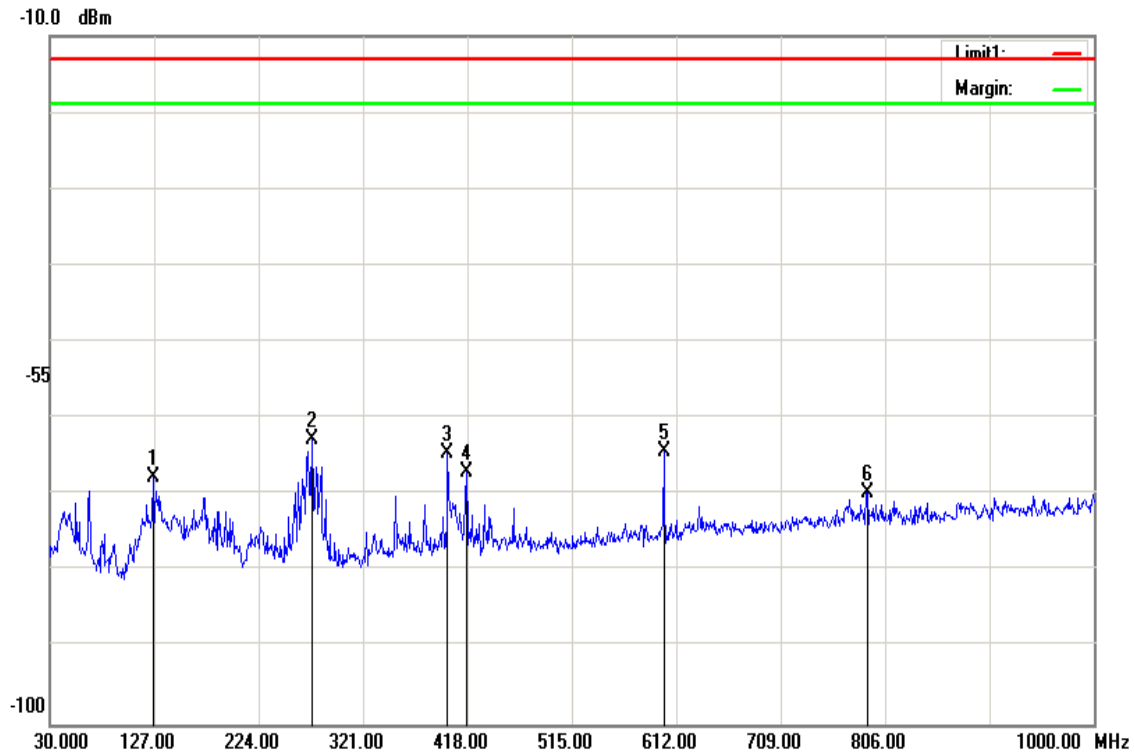
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
126.0300	-64.65	1.32	-1.69	-67.66	-13.00	-54.66	H
273.4700	-65.89	1.99	5.17	-62.71	-13.00	-49.71	H
399.5700	-68.22	2.39	5.98	-64.63	-13.00	-51.63	H
417.0300	-70.33	2.46	5.84	-66.95	-13.00	-53.95	H
600.3600	-67.83	2.9	6.4	-64.33	-13.00	-51.33	H
789.5100	-72.58	3.33	6.21	-69.70	-13.00	-56.70	H

Remark:

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Operation Mode: 1xRTT / BC10 / TX / CH 580

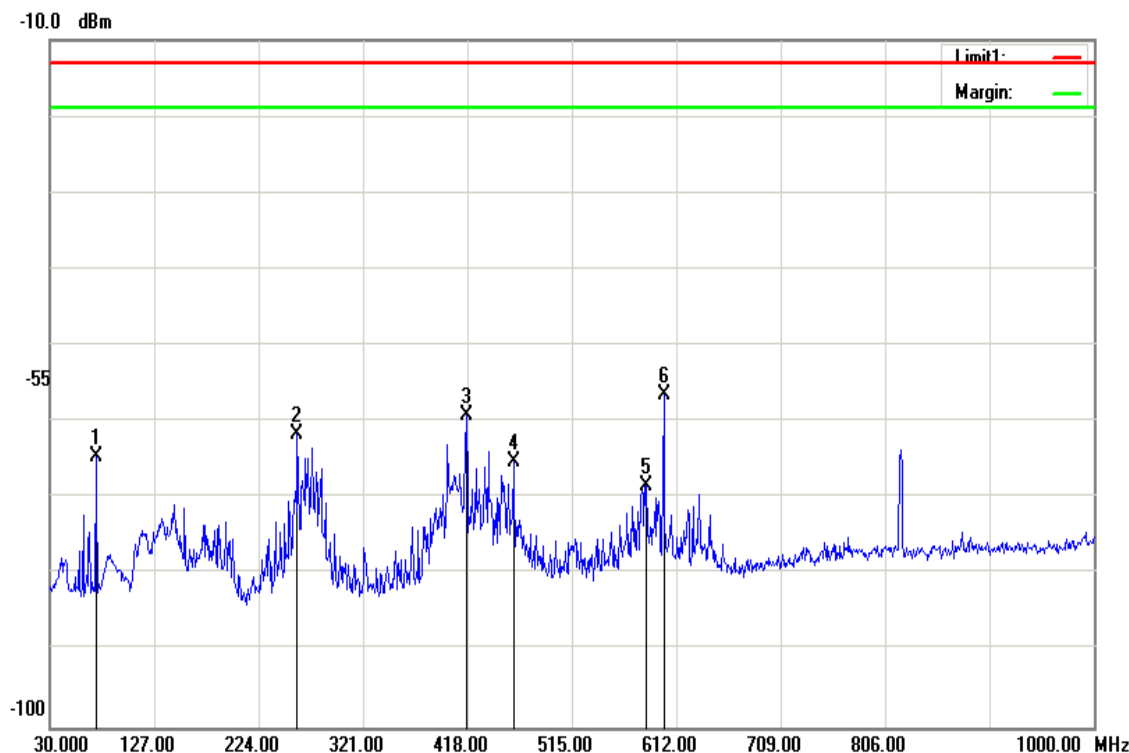
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
72.6800	-62.23	0.98	-1.45	-64.66	-13.00	-51.66	V
259.8900	-65.35	1.91	5.59	-61.67	-13.00	-48.67	V
417.0300	-62.44	2.46	5.84	-59.06	-13.00	-46.06	V
460.6800	-68.57	2.6	5.87	-65.30	-13.00	-52.30	V
583.8700	-71.5	2.89	6.08	-68.31	-13.00	-55.31	V
600.3600	-59.88	2.9	6.4	-56.38	-13.00	-43.38	V

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xRTT / BC10 / TX / CH 580

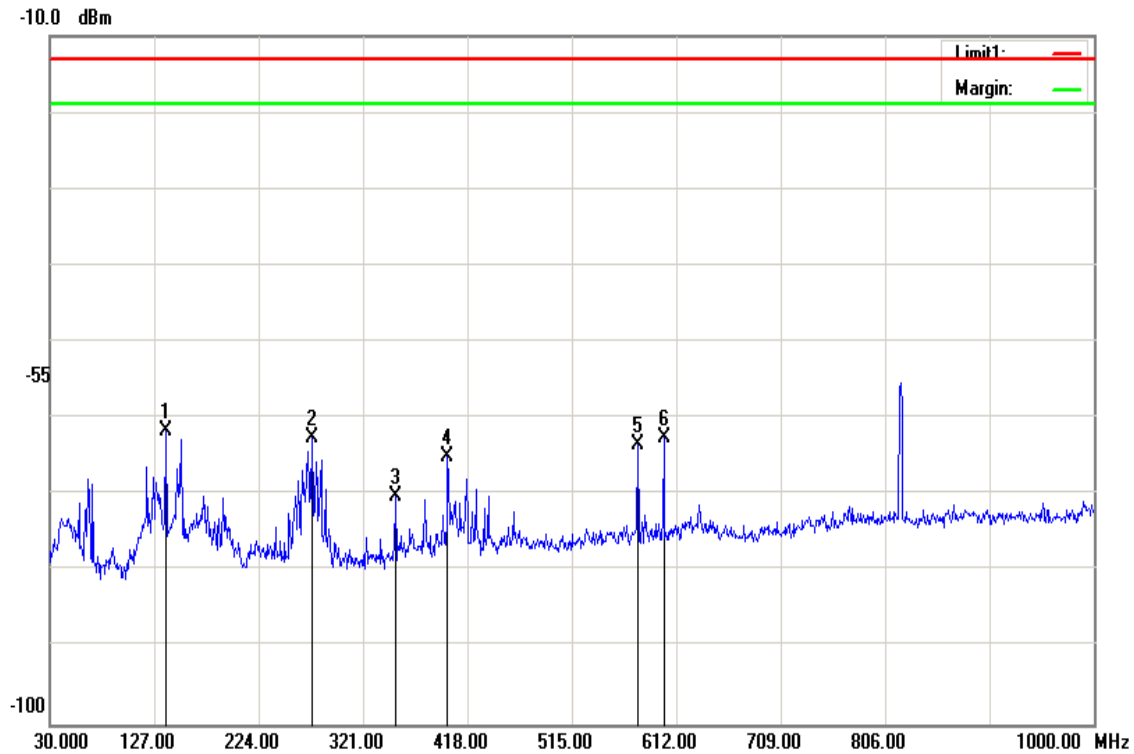
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
137.6700	-59.71	1.38	-0.49	-61.58	-13.00	-48.58	H
273.4700	-65.79	1.99	5.17	-62.61	-13.00	-49.61	H
351.0700	-73.79	2.23	5.79	-70.23	-13.00	-57.23	H
399.5700	-68.53	2.39	5.98	-64.94	-13.00	-51.94	H
576.1100	-66.62	2.88	6.05	-63.45	-13.00	-50.45	H
600.3600	-66.09	2.9	6.4	-62.59	-13.00	-49.59	H

Remark:

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2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC0 / TX / CH 384

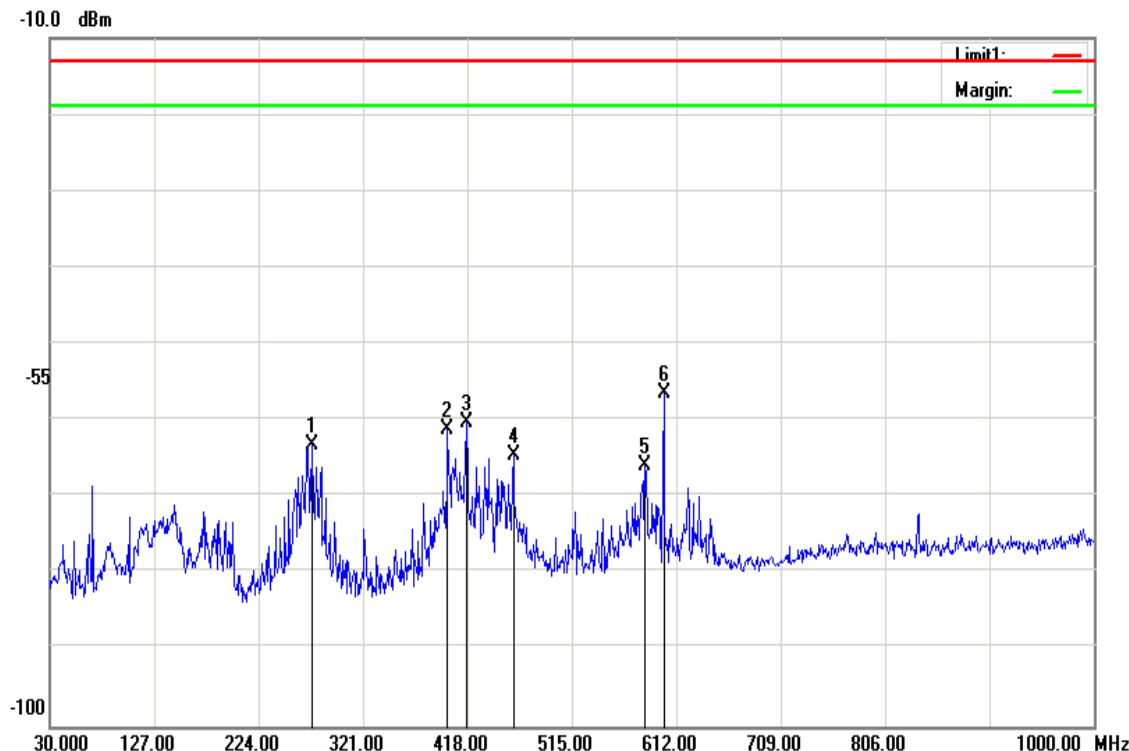
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
273.4700	-66.41	1.99	5.17	-63.23	-13.00	-50.23	V
399.5700	-64.76	2.39	5.98	-61.17	-13.00	-48.17	V
417.0300	-63.62	2.46	5.84	-60.24	-13.00	-47.24	V
460.6800	-67.88	2.6	5.87	-64.61	-13.00	-51.61	V
582.9000	-69.14	2.89	6.06	-65.97	-13.00	-52.97	V
600.3600	-59.97	2.9	6.4	-56.47	-13.00	-43.47	V

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC0 / TX / CH 384

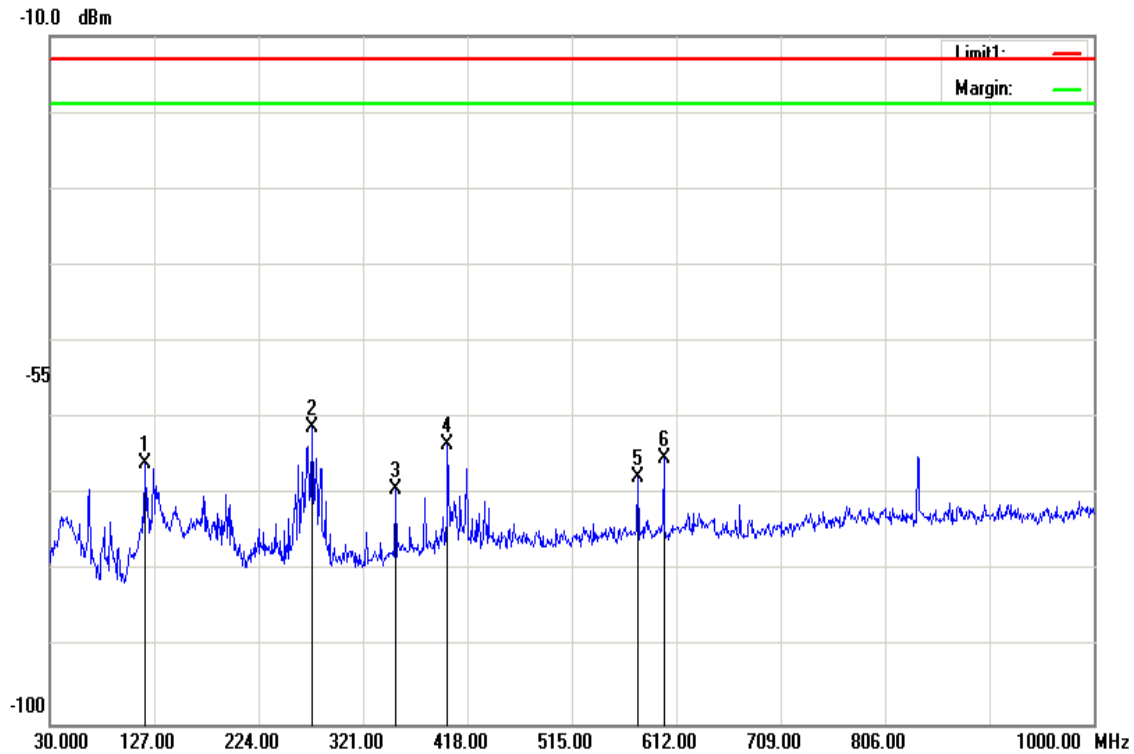
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
118.2700	-62.62	1.26	-2.03	-65.91	-13.00	-52.91	H
273.4700	-64.27	1.99	5.17	-61.09	-13.00	-48.09	H
351.0700	-72.91	2.23	5.79	-69.35	-13.00	-56.35	H
399.5700	-66.96	2.39	5.98	-63.37	-13.00	-50.37	H
576.1100	-70.92	2.88	6.05	-67.75	-13.00	-54.75	H
600.3600	-68.7	2.9	6.4	-65.20	-13.00	-52.20	H

Remark:

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2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC1 / TX / CH 25

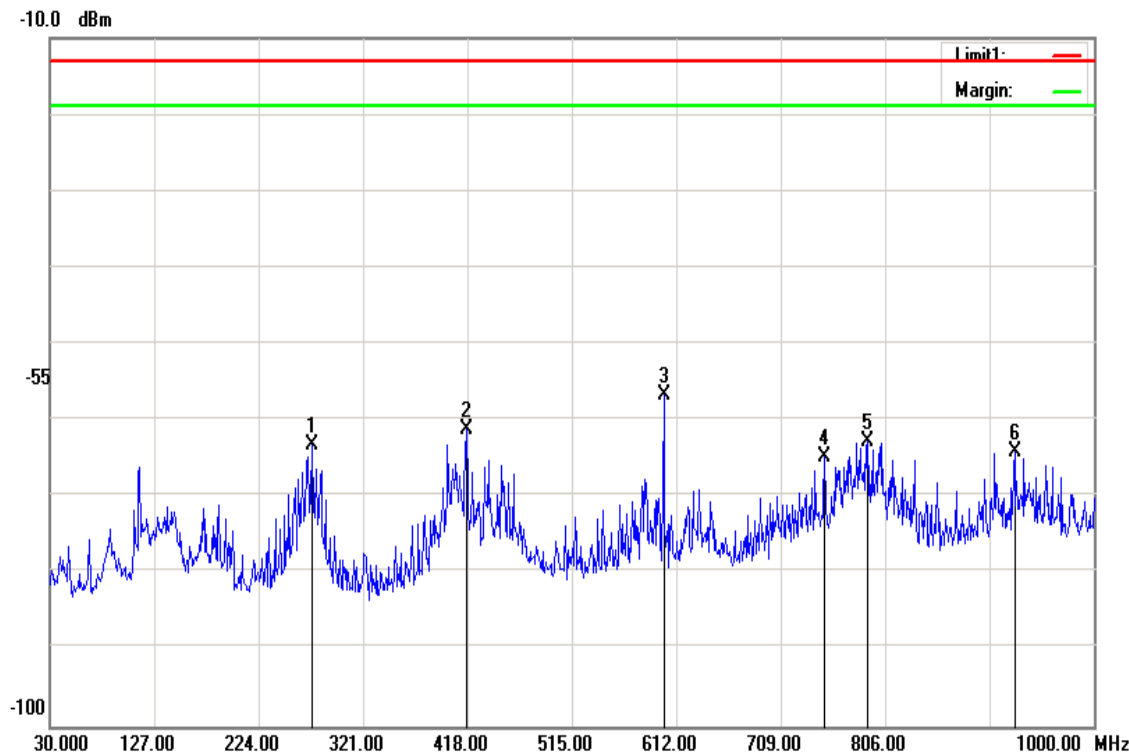
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
273.4700	-66.32	1.99	5.17	-63.14	-13.00	-50.14	V
417.0300	-64.52	2.46	5.84	-61.14	-13.00	-48.14	V
600.3600	-60.1	2.9	6.4	-56.60	-13.00	-43.60	V
749.7400	-67.74	3.2	6.1	-64.84	-13.00	-51.84	V
789.5100	-65.61	3.33	6.21	-62.73	-13.00	-49.73	V
926.2800	-67.05	3.59	6.48	-64.16	-13.00	-51.16	V

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC1 / TX / CH 25

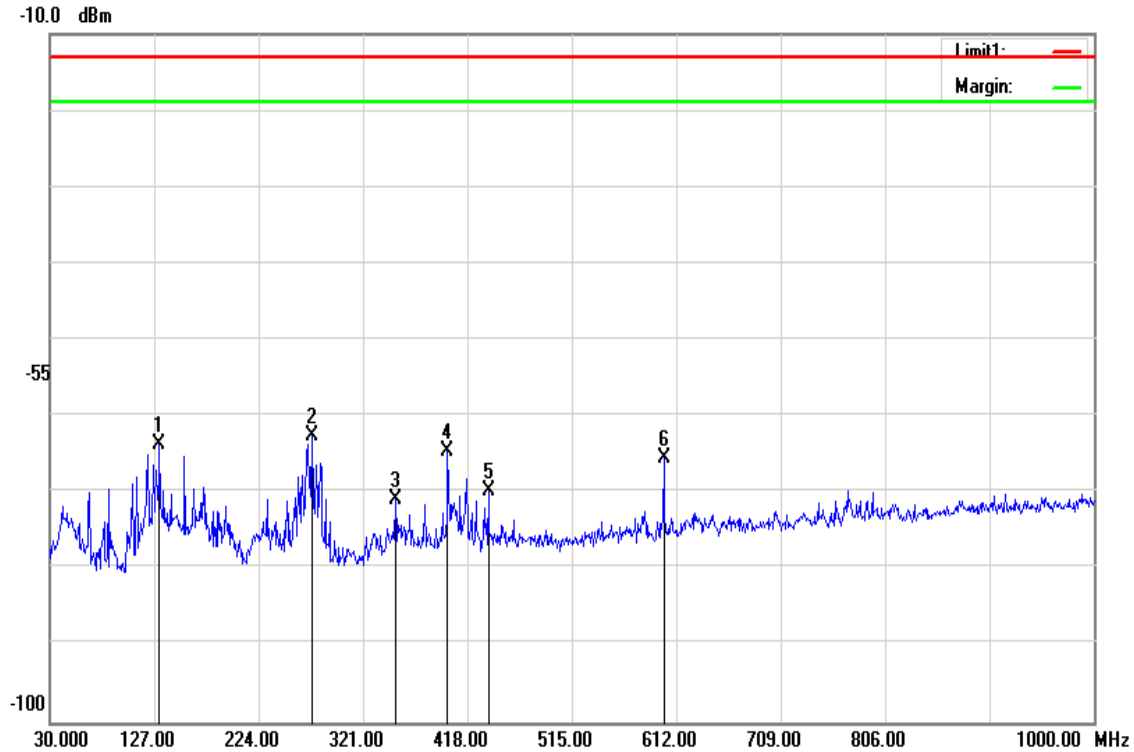
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



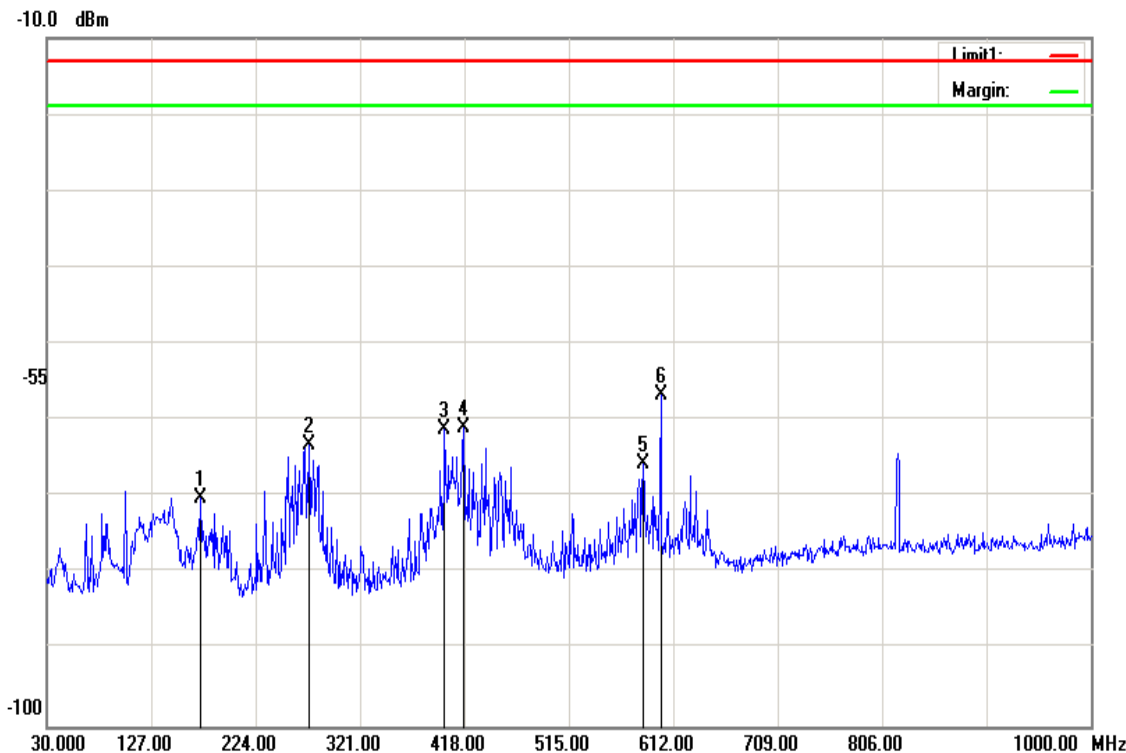
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
131.8500	-61.1	1.35	-1.18	-63.63	-13.00	-50.63	H
273.4700	-65.8	1.99	5.17	-62.62	-13.00	-49.62	H
351.0700	-74.33	2.23	5.79	-70.77	-13.00	-57.77	H
399.5700	-68.1	2.39	5.98	-64.51	-13.00	-51.51	H
437.4000	-73.16	2.52	5.88	-69.80	-13.00	-56.80	H
600.3600	-69.01	2.9	6.4	-65.51	-13.00	-52.51	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC10 / TX / CH 580
Temperature: 22.6°C
Humidity: 57.2 % RH

Test Date: May 20, 2016
Tested by: Dennis Li
Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
172.5900	-71.3	1.58	2.8	-70.08	-13.00	-57.08	V
273.4700	-66.36	1.99	5.17	-63.18	-13.00	-50.18	V
399.5700	-64.84	2.39	5.98	-61.25	-13.00	-48.25	V
417.0300	-64.37	2.46	5.84	-60.99	-13.00	-47.99	V
583.8700	-68.93	2.89	6.08	-65.74	-13.00	-52.74	V
600.3600	-60.16	2.9	6.4	-56.66	-13.00	-43.66	V

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC10 / TX / CH 580

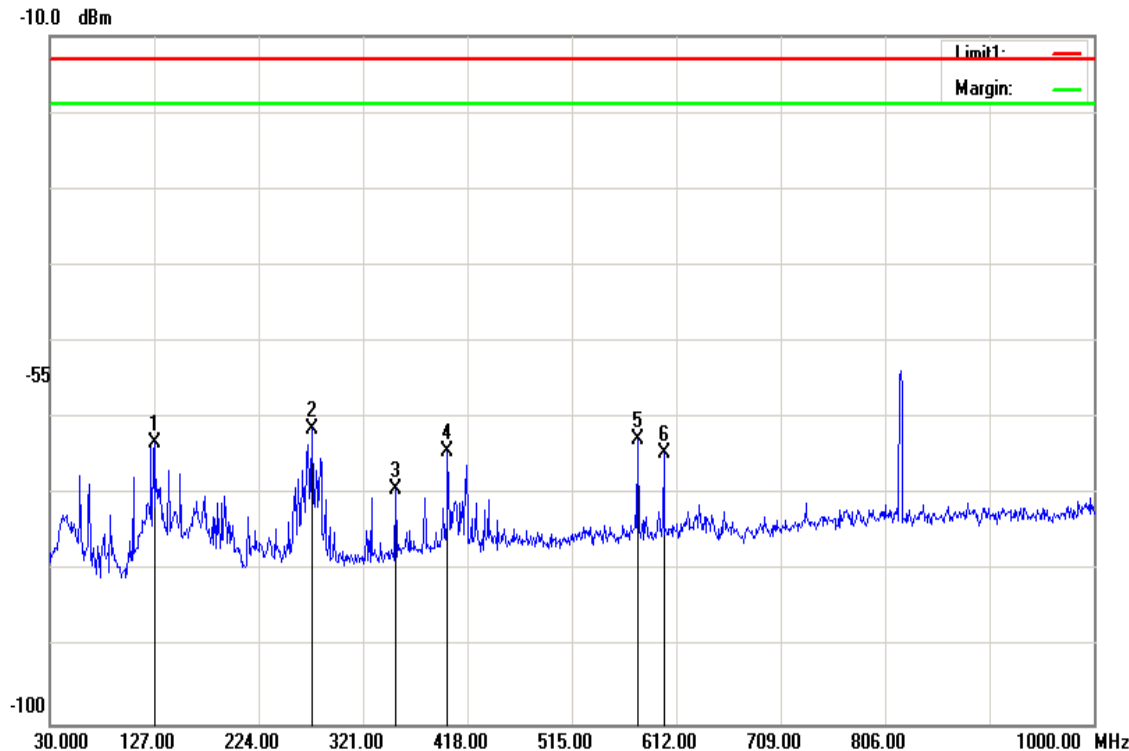
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant. Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
127.0000	-60.3	1.32	-1.63	-63.25	-13.00	-50.25	H
273.4700	-64.65	1.99	5.17	-61.47	-13.00	-48.47	H
351.0700	-72.8	2.23	5.79	-69.24	-13.00	-56.24	H
399.5700	-68.01	2.39	5.98	-64.42	-13.00	-51.42	H
576.1100	-65.84	2.88	6.05	-62.67	-13.00	-49.67	H
600.3600	-68.05	2.9	6.4	-64.55	-13.00	-51.55	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC0 / TX / CH 777

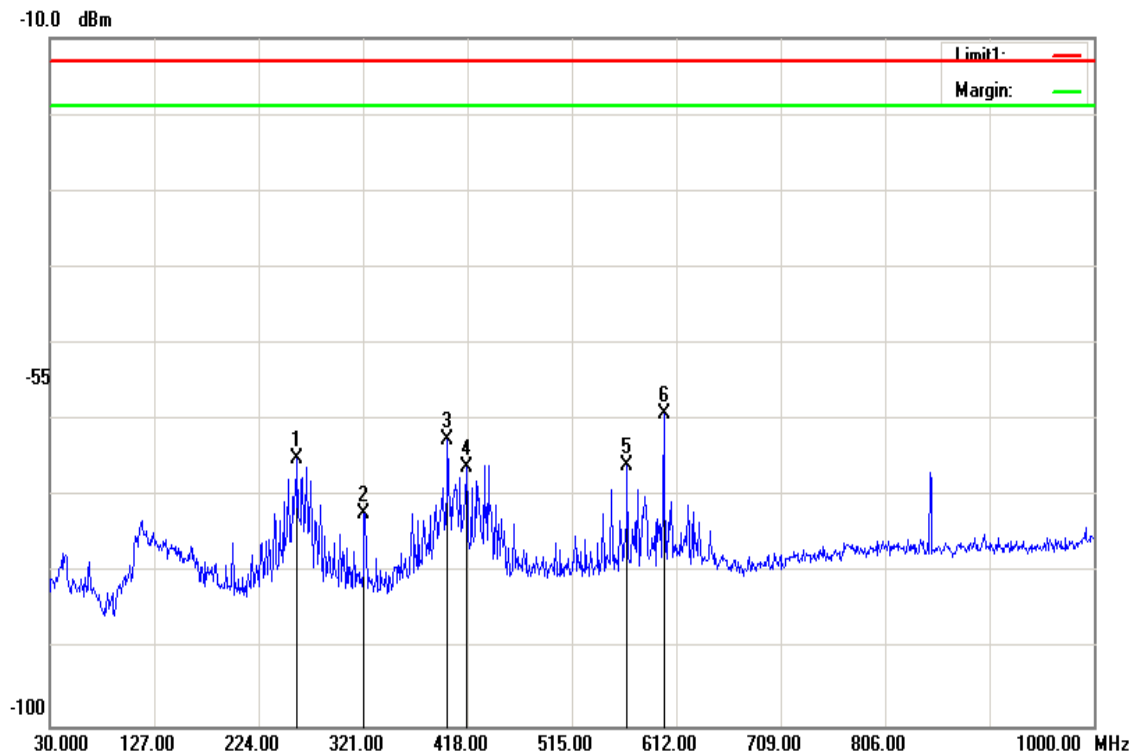
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.

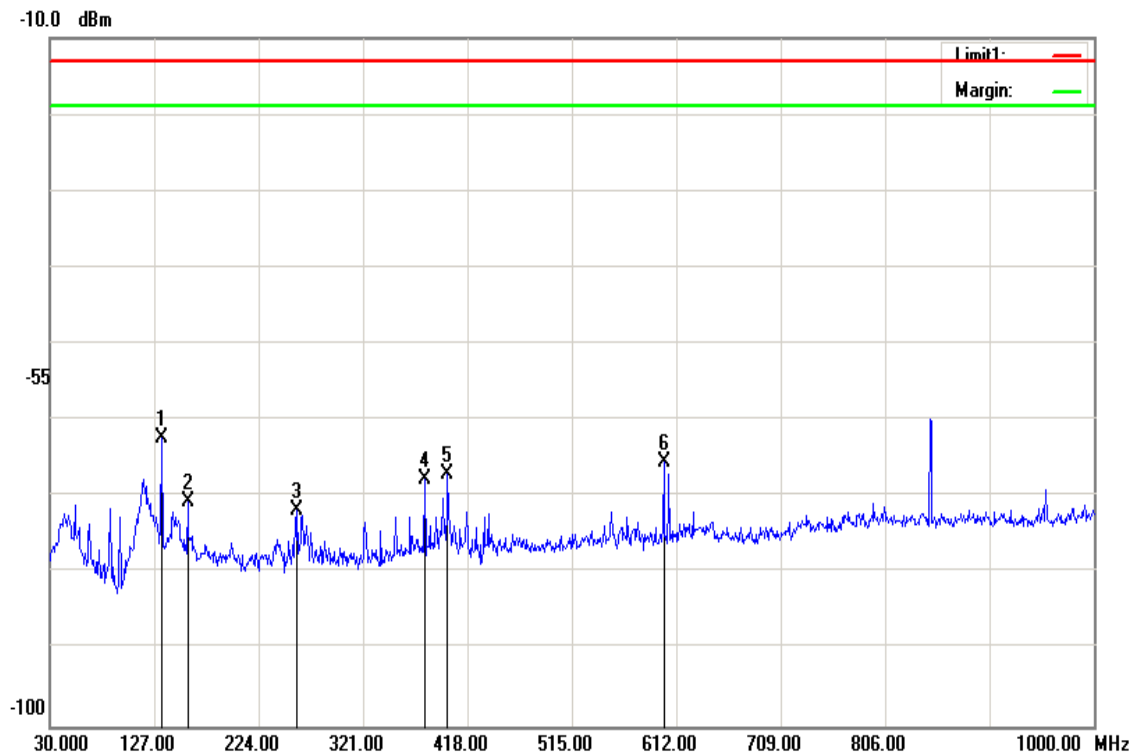


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
259.8900	-68.64	1.91	5.59	-64.96	-13.00	-51.96	V
321.9700	-75.73	2.18	5.7	-72.21	-13.00	-59.21	V
399.5700	-66.11	2.39	5.98	-62.52	-13.00	-49.52	V
417.0300	-69.5	2.46	5.84	-66.12	-13.00	-53.12	V
566.4100	-69.08	2.86	6.06	-65.88	-13.00	-52.88	V
600.3600	-62.72	2.9	6.4	-59.22	-13.00	-46.22	V

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC0 / TX / CH 777 **Test Date:** May 26, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2 % RH **Polarity:** Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
133.7900	-59.97	1.36	-0.95	-62.28	-13.00	-49.28	H
158.0400	-70.46	1.47	1.29	-70.64	-13.00	-57.64	H
259.8900	-75.46	1.91	5.59	-71.78	-13.00	-58.78	H
378.2300	-71.32	2.31	5.96	-67.67	-13.00	-54.67	H
399.5700	-70.64	2.39	5.98	-67.05	-13.00	-54.05	H
600.3600	-69	2.9	6.4	-65.50	-13.00	-52.50	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC1 / TX / CH 25

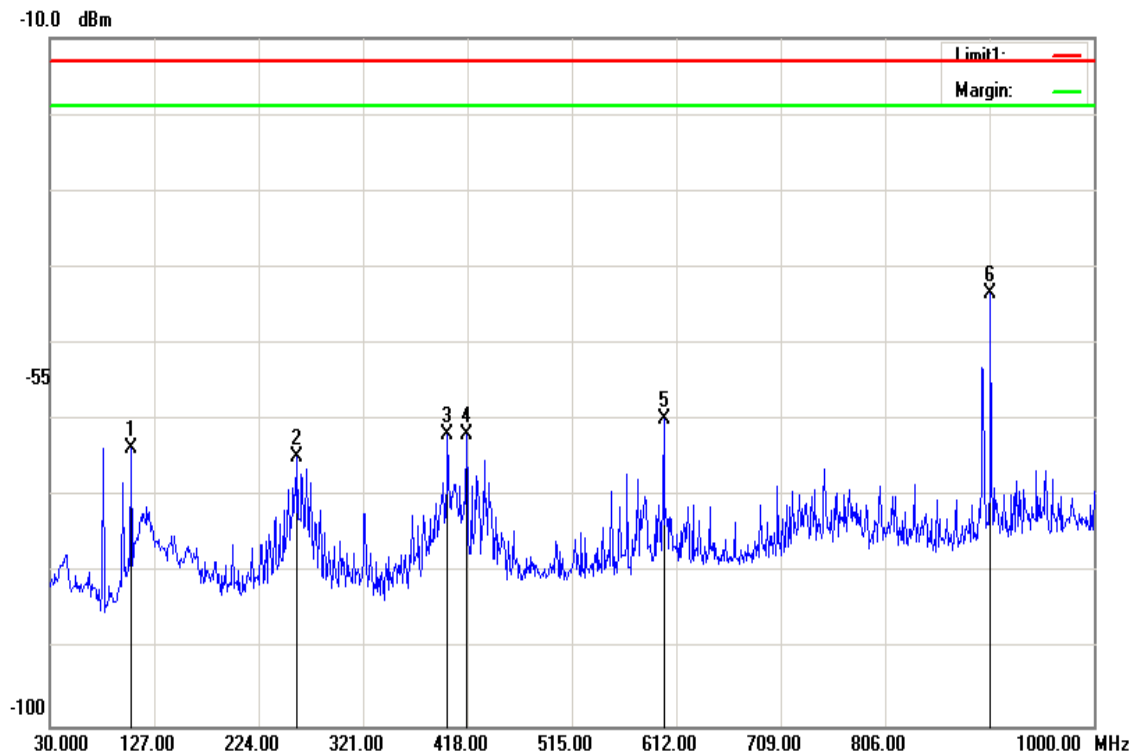
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
105.6600	-61.28	1.18	-1.14	-63.60	-13.00	-50.60	V
259.8900	-68.57	1.91	5.59	-64.89	-13.00	-51.89	V
399.5700	-65.45	2.39	5.98	-61.86	-13.00	-48.86	V
417.0300	-65.34	2.46	5.84	-61.96	-13.00	-48.96	V
600.3600	-63.35	2.9	6.4	-59.85	-13.00	-46.85	V
903.9700	-46.53	3.54	6.6	-43.47	-13.00	-30.47	V

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC1 / TX / CH 25

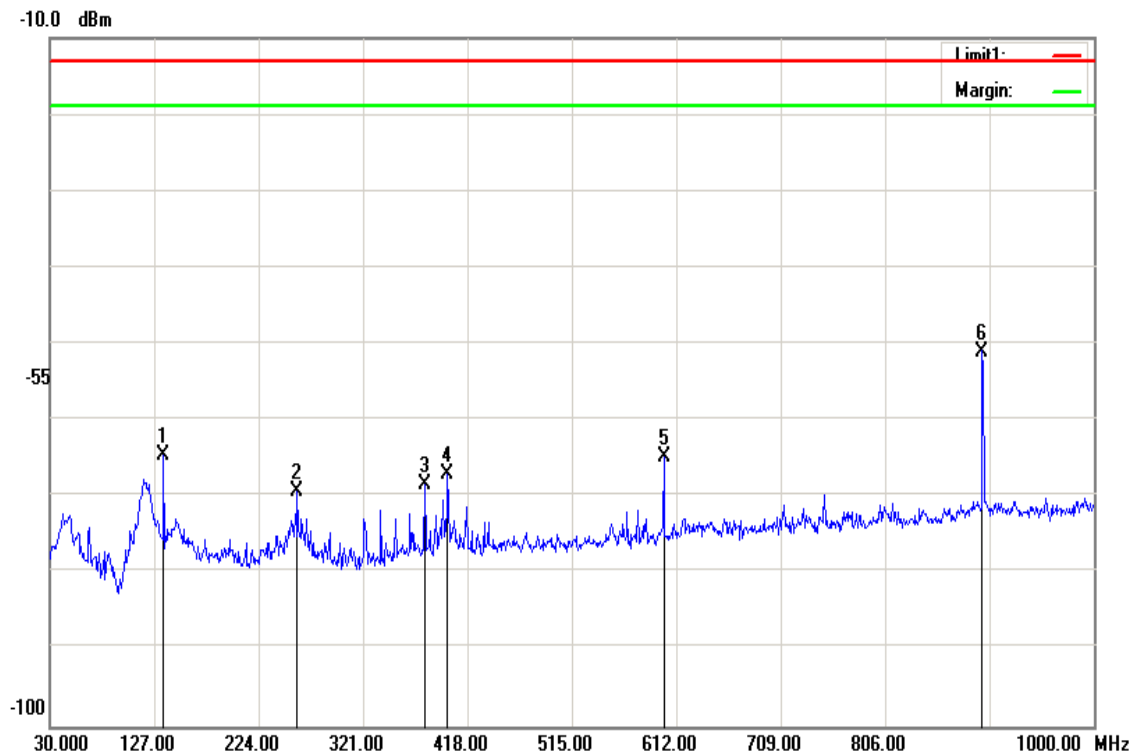
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
135.7300	-62.54	1.37	-0.72	-64.63	-13.00	-51.63	H
259.8900	-72.87	1.91	5.59	-69.19	-13.00	-56.19	H
378.2300	-72.02	2.31	5.96	-68.37	-13.00	-55.37	H
399.5700	-70.58	2.39	5.98	-66.99	-13.00	-53.99	H
600.3600	-68.28	2.9	6.4	-64.78	-13.00	-51.78	H
896.2100	-54.09	3.51	6.65	-50.95	-13.00	-37.95	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC10 / TX / CH 580

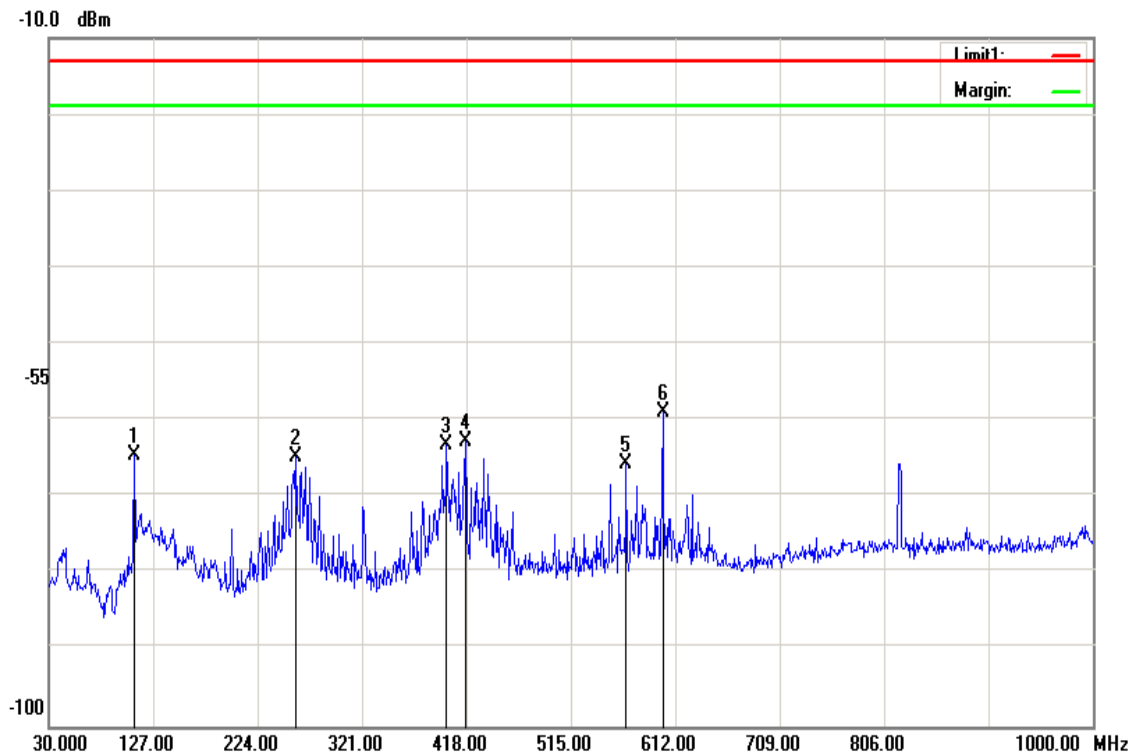
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
109.5400	-61.77	1.21	-1.64	-64.62	-13.00	-51.62	V
259.8900	-68.46	1.91	5.59	-64.78	-13.00	-51.78	V
399.5700	-66.87	2.39	5.98	-63.28	-13.00	-50.28	V
417.0300	-66.21	2.46	5.84	-62.83	-13.00	-49.83	V
566.4100	-68.8	2.86	6.06	-65.60	-13.00	-52.60	V
600.3600	-62.33	2.9	6.4	-58.83	-13.00	-45.83	V

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with "N/A" remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC10 / TX / CH 580

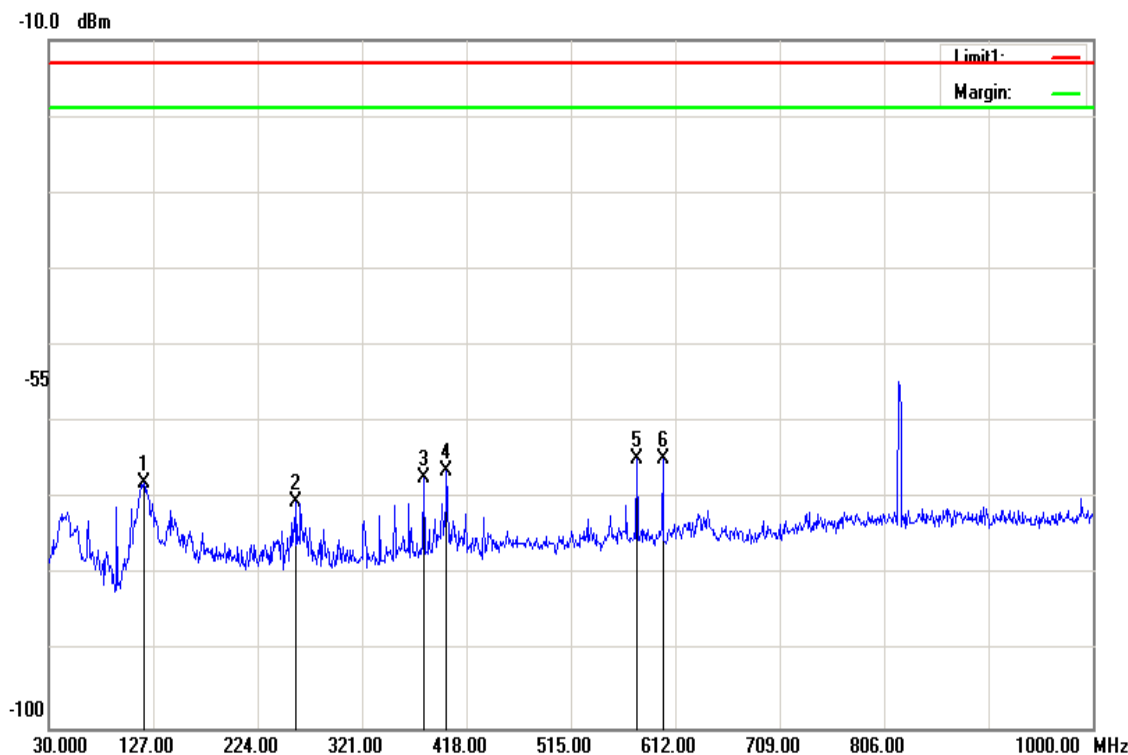
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
118.2700	-64.73	1.26	-2.03	-68.02	-13.00	-55.02	H
259.8900	-74.03	1.91	5.59	-70.35	-13.00	-57.35	H
378.2300	-70.85	2.31	5.96	-67.20	-13.00	-54.20	H
399.5700	-70	2.39	5.98	-66.41	-13.00	-53.41	H
576.1100	-67.88	2.88	6.05	-64.71	-13.00	-51.71	H
600.3600	-68.34	2.9	6.4	-64.84	-13.00	-51.84	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Above 1GHz

Operation Mode: CDMA / BC0 / TX / CH 384

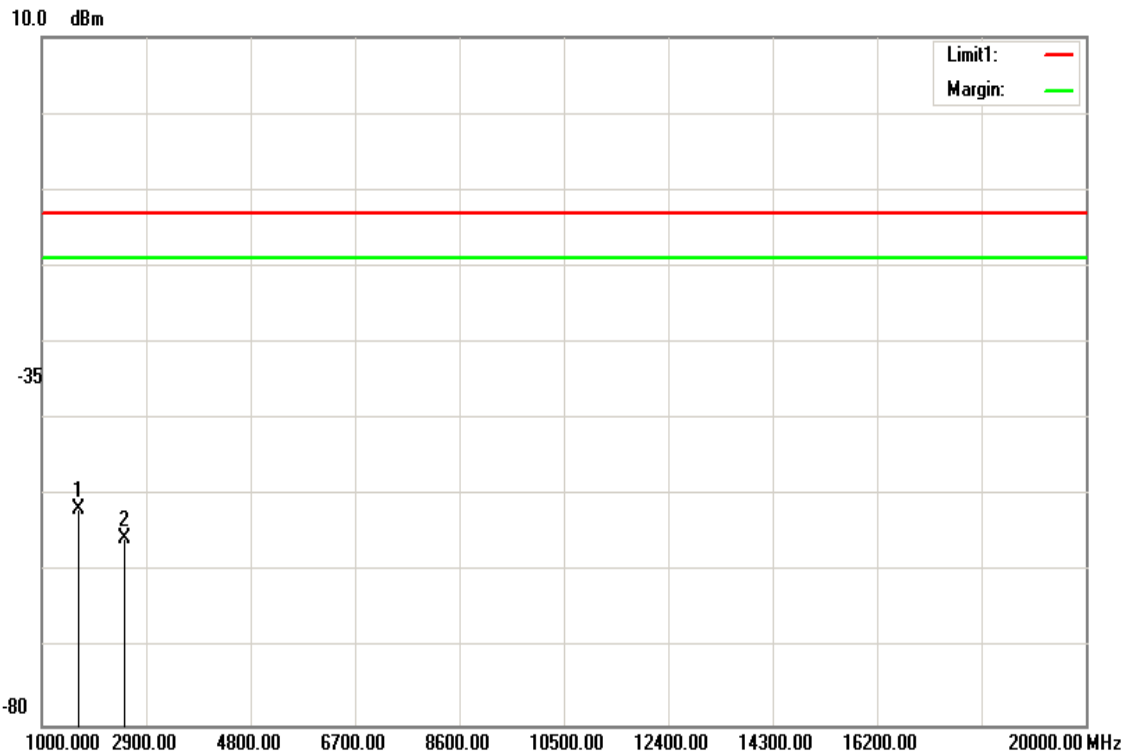
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1665.000	-52.62	5.06	6	-51.68	-13.00	-38.68	V
2500.000	-55.31	6.35	6.1	-55.56	-13.00	-42.56	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC0 / TX / CH 384

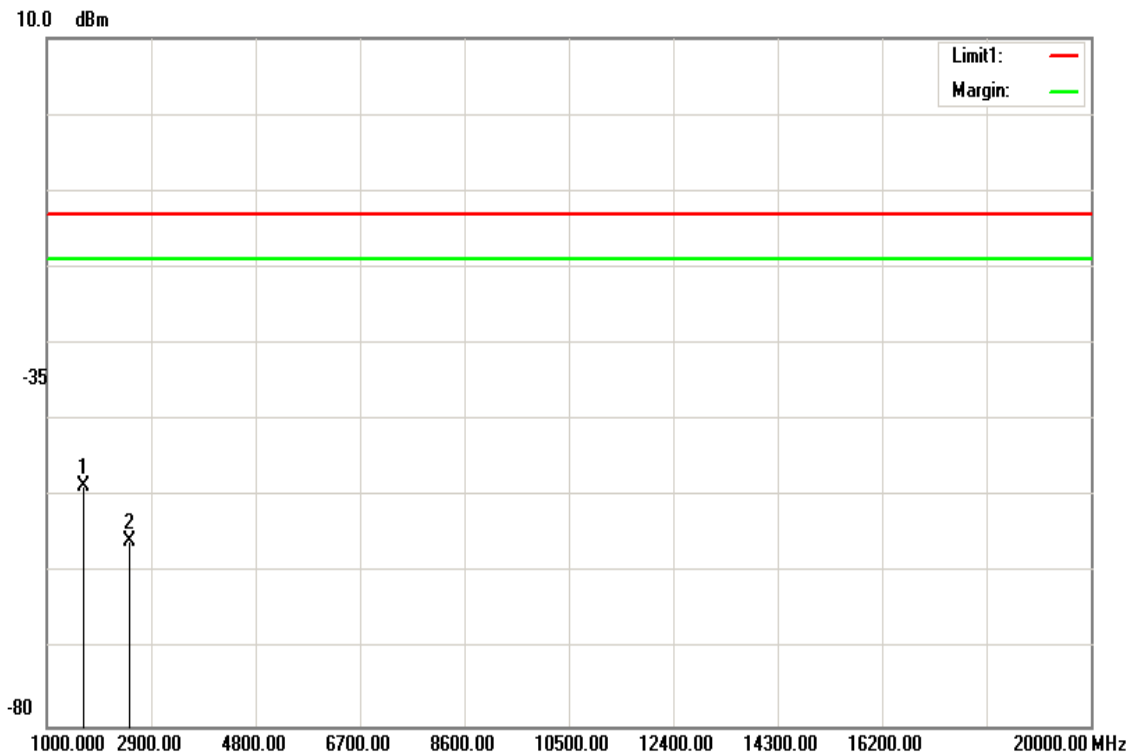
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1665.000	-49.63	5.06	6	-48.69	-13.00	-35.69	H
2500.000	-55.53	6.35	6.1	-55.78	-13.00	-42.78	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC0 / TX / CH 777

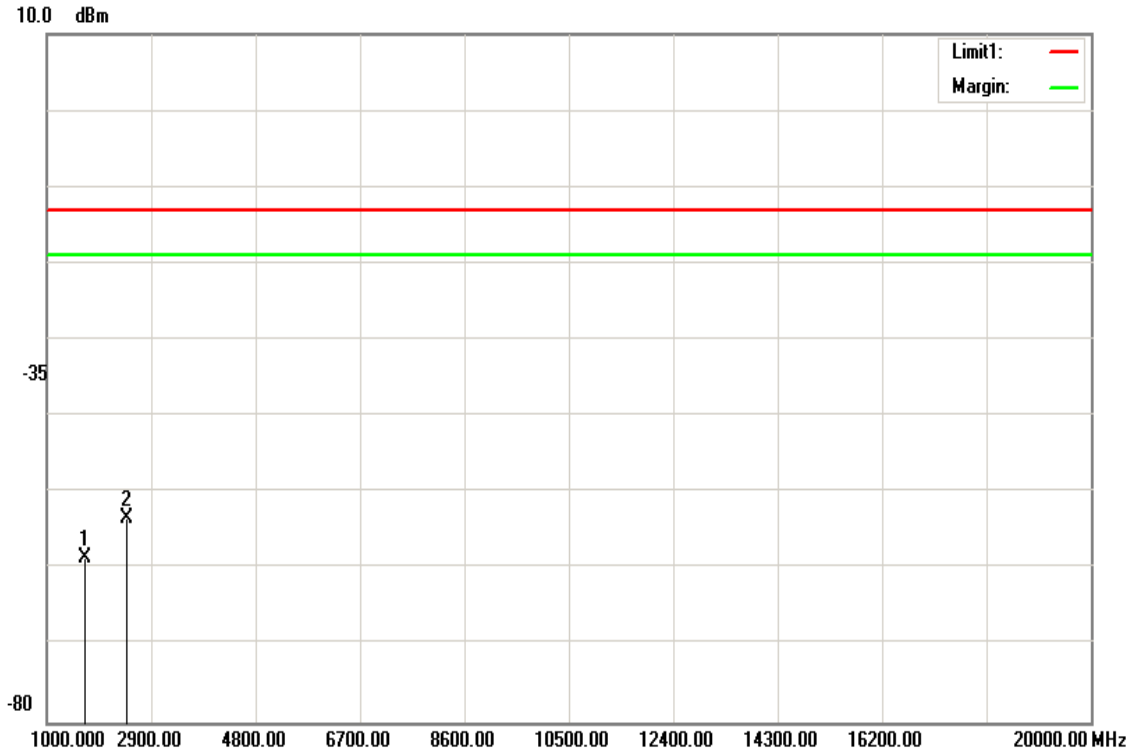
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1700.000	-59.27	5.11	5.94	-58.44	-13.00	-45.44	V
2463.000	-53.14	6.29	6.05	-53.38	-13.00	-40.38	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC0 / TX / CH 777

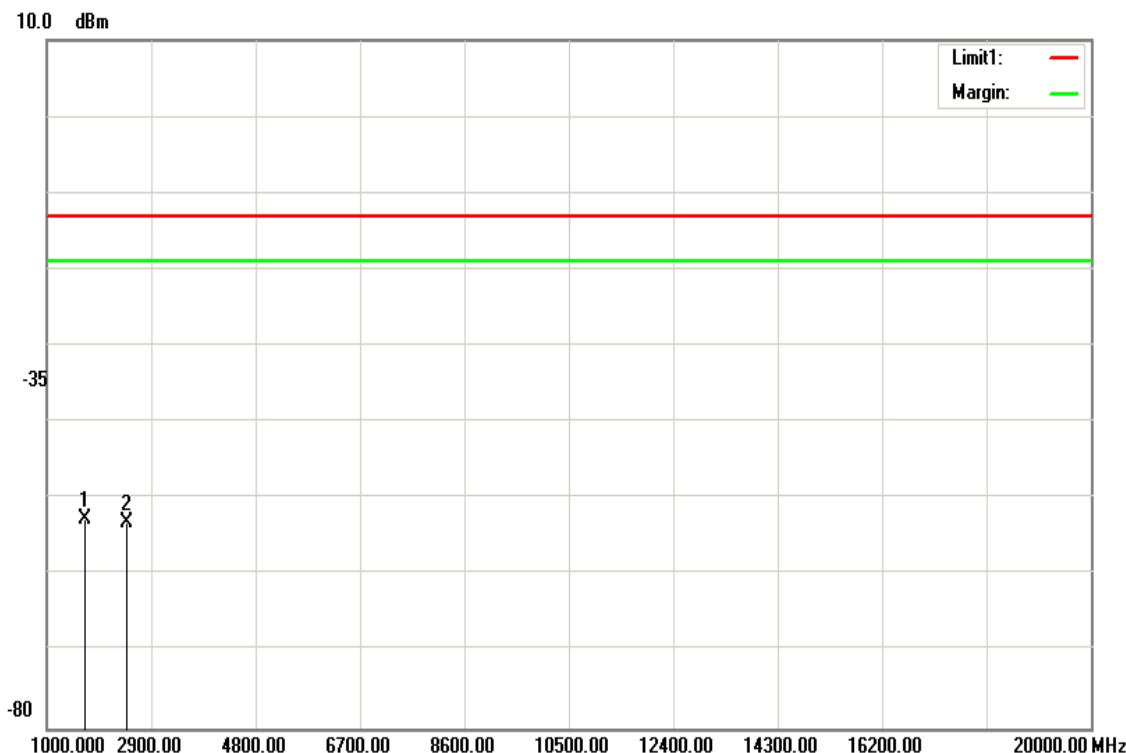
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1700.000	-53.4	5.11	5.94	-52.57	-13.00	-39.57	H
2463.000	-52.95	6.29	6.05	-53.19	-13.00	-40.19	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC0 / TX / CH 1013

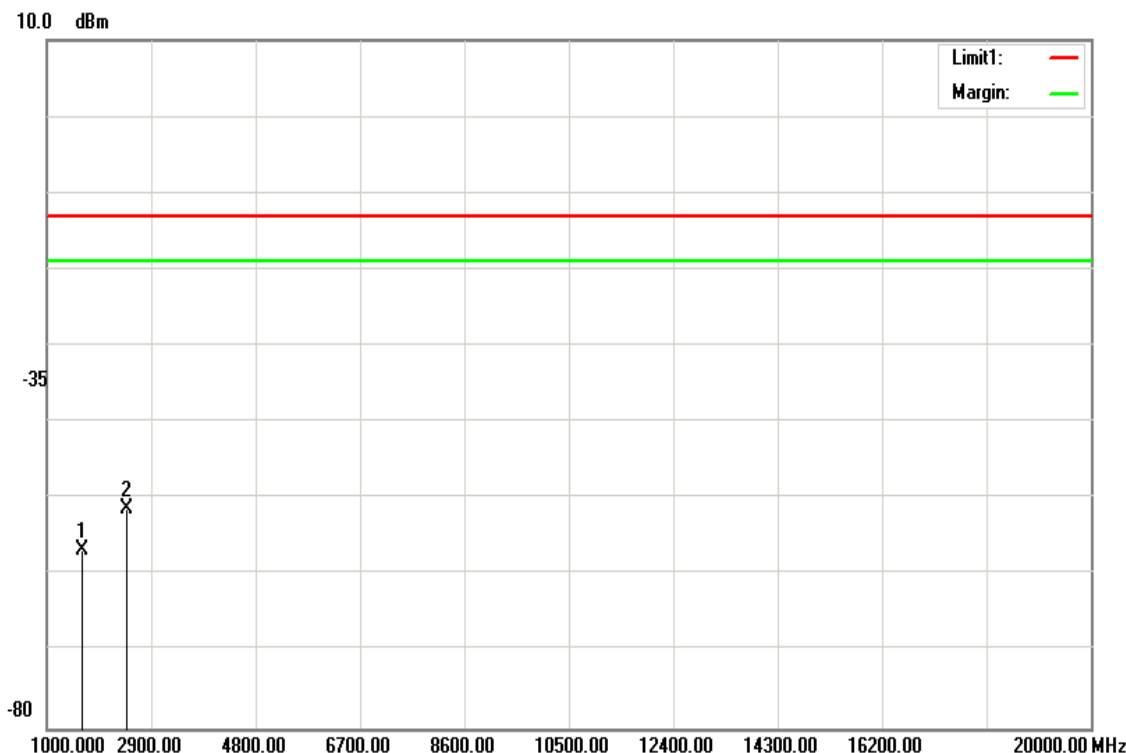
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1651.000	-57.69	5.05	6.03	-56.71	-13.00	-43.71	V
2463.000	-51.05	6.29	6.05	-51.29	-13.00	-38.29	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC0 / TX / CH 1013

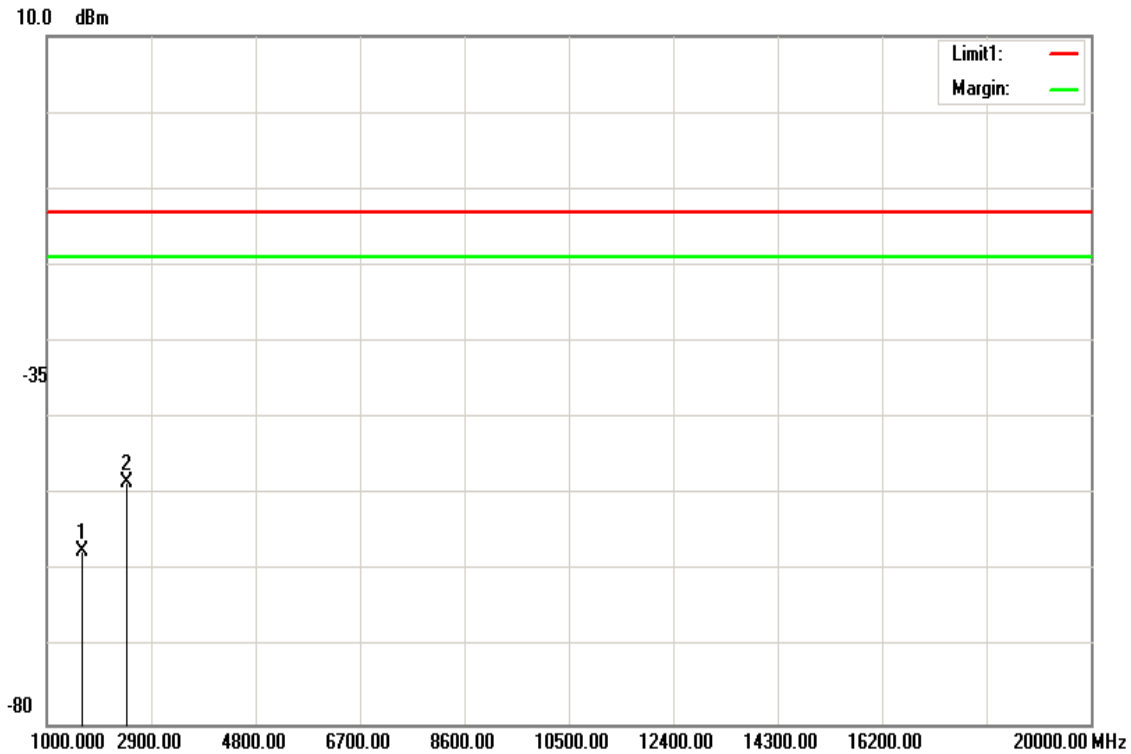
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1651.000	-58.35	5.05	6.03	-57.37	-13.00	-44.37	H
2463.000	-48.14	6.29	6.05	-48.38	-13.00	-35.38	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC1 / TX / CH 25

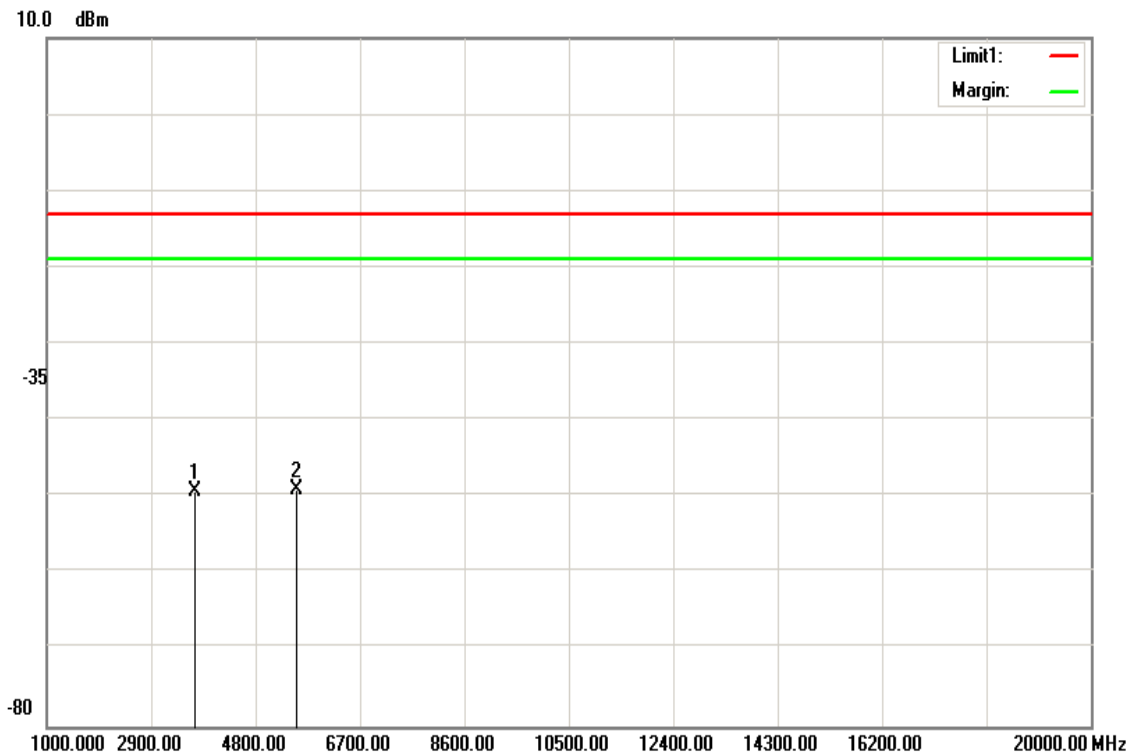
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3702.000	-50.2	8.2	9.1	-49.30	-13.00	-36.30	V
5557.000	-49.81	10.08	10.81	-49.08	-13.00	-36.08	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC1 / TX / CH 25

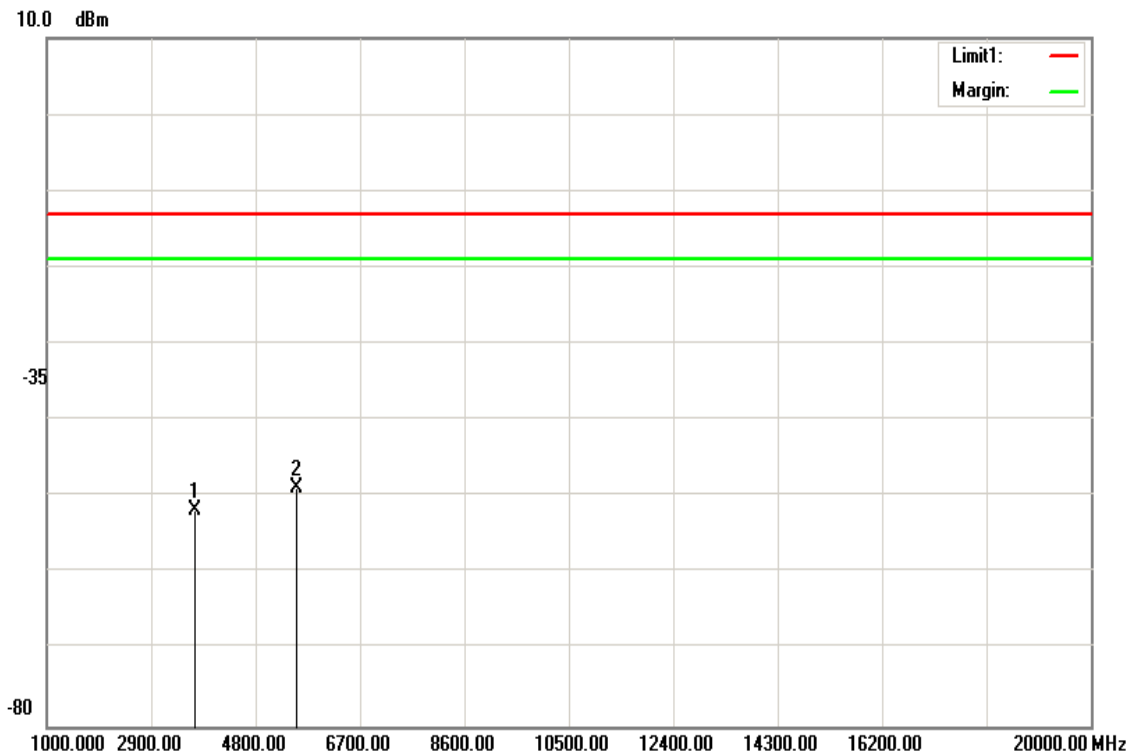
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3702.000	-52.77	8.2	9.1	-51.87	-13.00	-38.87	H
5557.000	-49.63	10.08	10.81	-48.90	-13.00	-35.90	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC1 / TX / CH 600

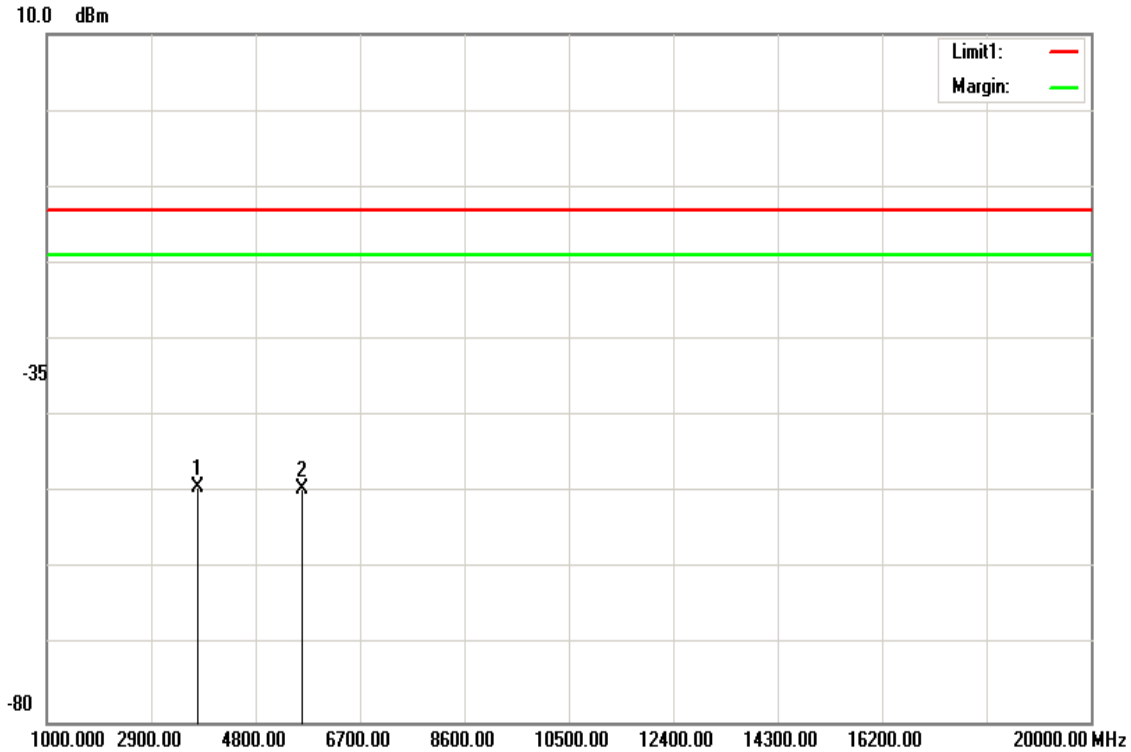
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3758.000	-50.16	8.23	9.16	-49.23	-13.00	-36.23	V
5641.000	-50.09	10.18	10.83	-49.44	-13.00	-36.44	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC1 / TX / CH 600

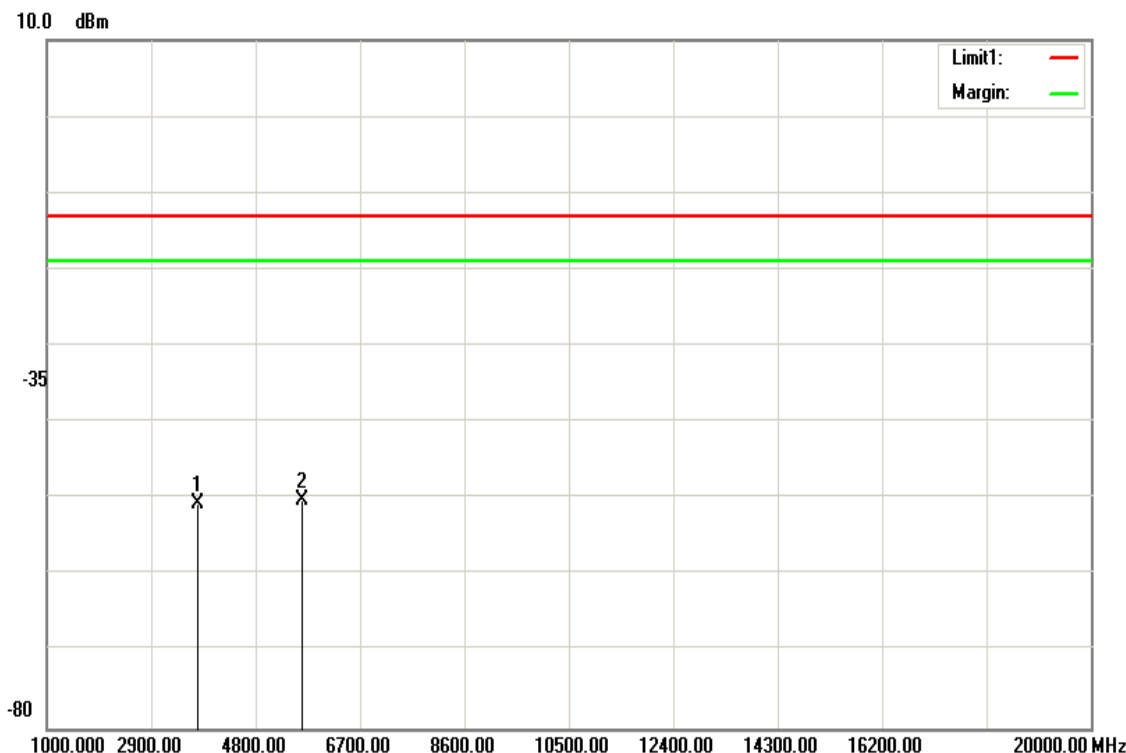
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3758.000	-51.53	8.23	9.16	-50.60	-13.00	-37.60	H
5641.000	-50.75	10.18	10.83	-50.10	-13.00	-37.10	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC1 / TX / CH 1175

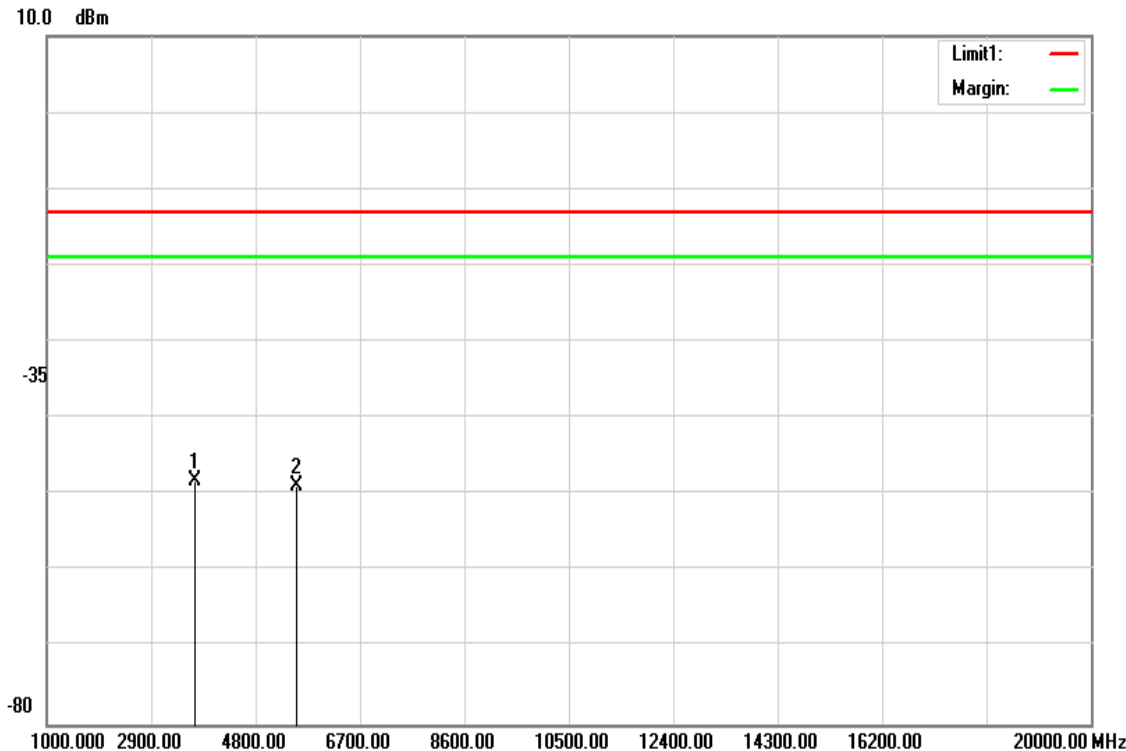
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3703.000	-48.98	8.2	9.1	-48.08	-13.00	-35.08	V
5554.000	-49.64	10.07	10.81	-48.90	-13.00	-35.90	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC1 / TX / CH 1175

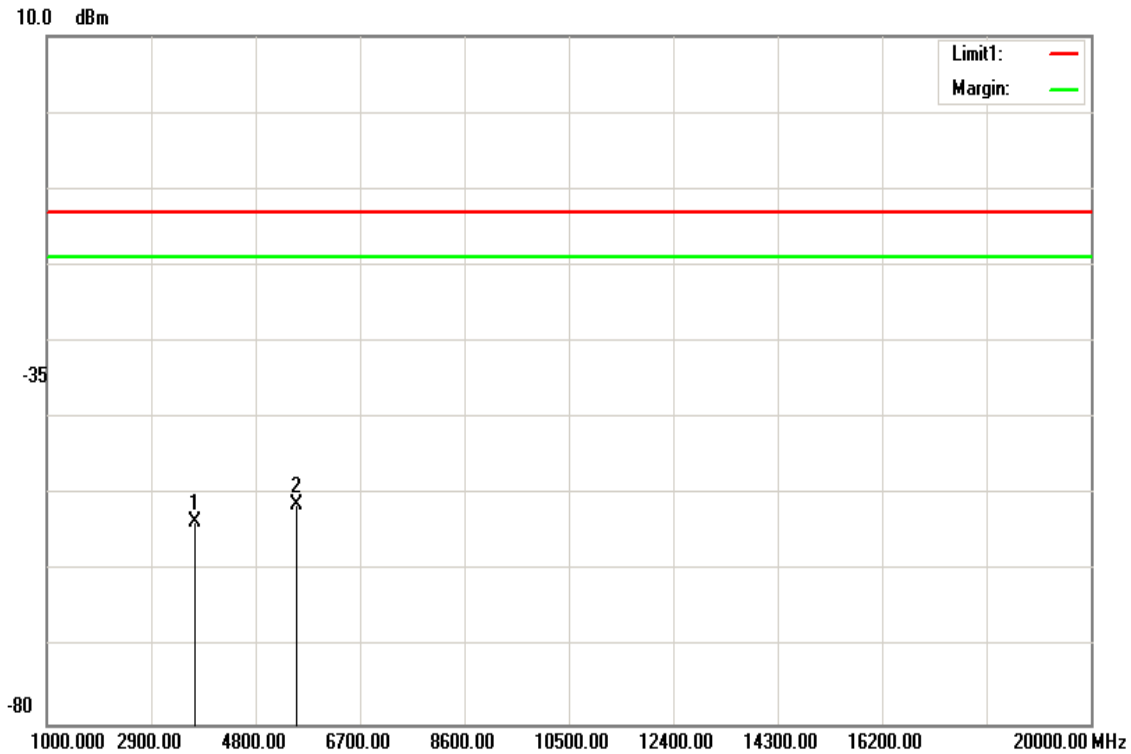
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3703.000	-54.41	8.2	9.1	-53.51	-13.00	-40.51	H
5554.000	-52.14	10.07	10.81	-51.40	-13.00	-38.40	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC10 / TX / CH 476

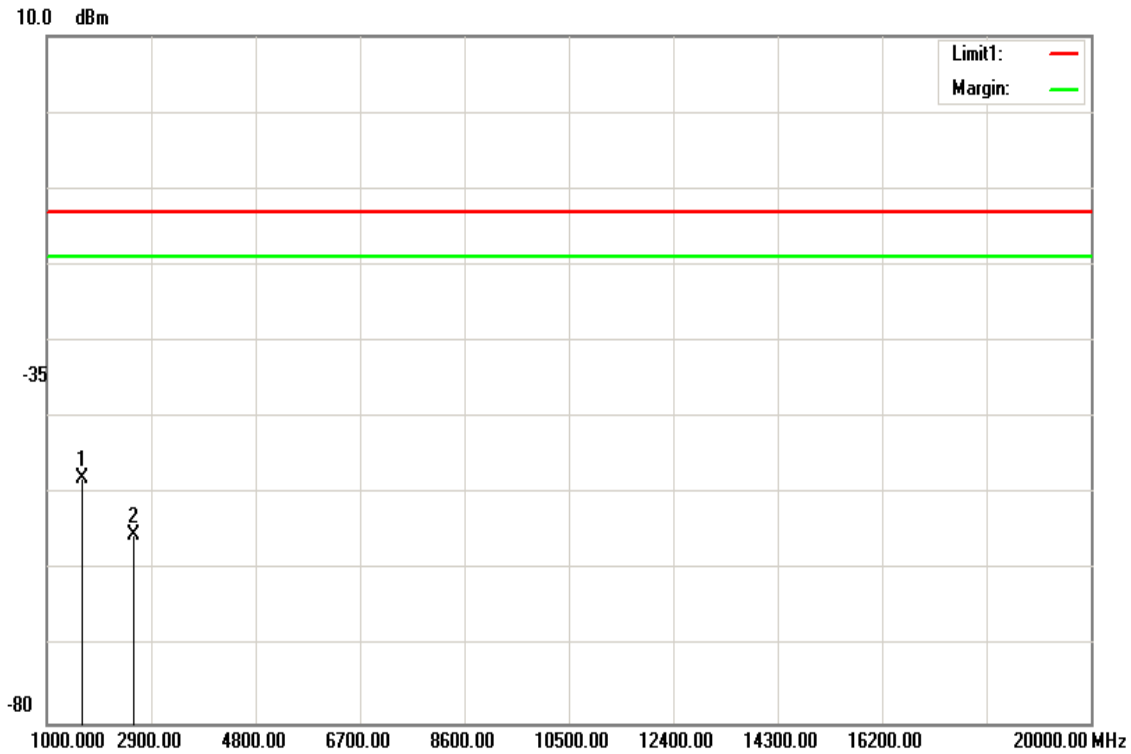
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1637.000	-49.01	5.03	6.05	-47.99	-13.00	-34.99	V
2575.000	-55.16	6.46	6.29	-55.33	-13.00	-42.33	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC10 / TX / CH 476

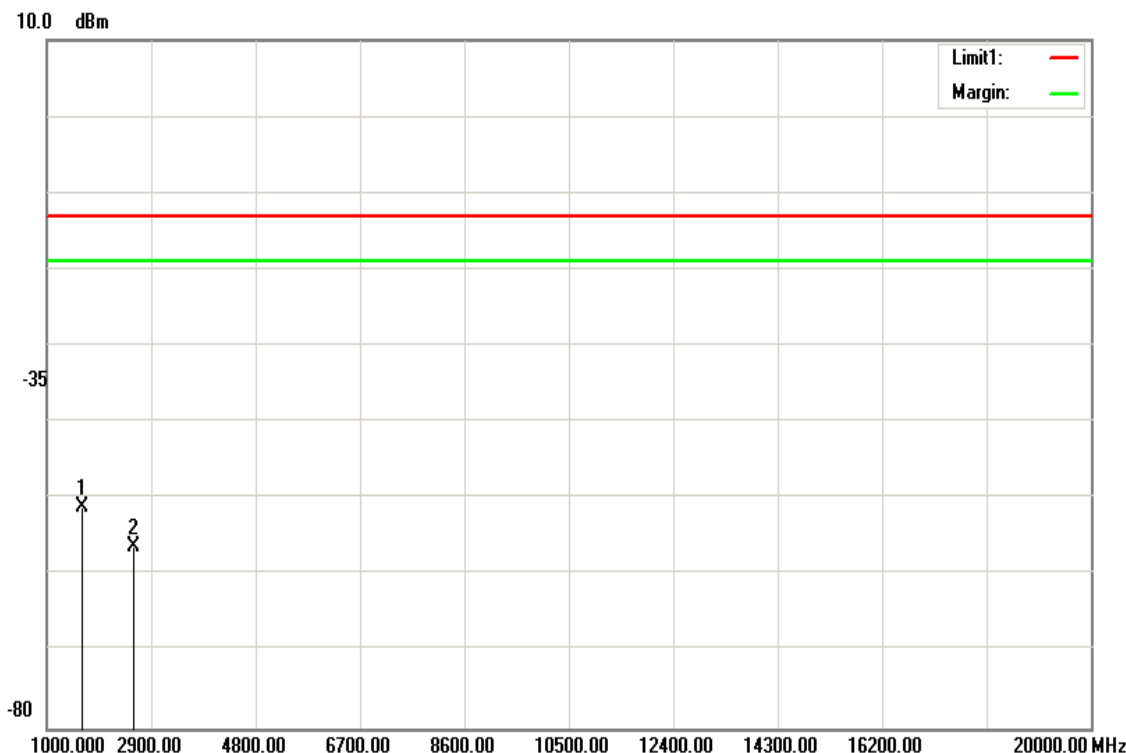
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1637.000	-52	5.03	6.05	-50.98	-13.00	-37.98	H
2575.000	-56	6.46	6.29	-56.17	-13.00	-43.17	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC10 / TX / CH 580

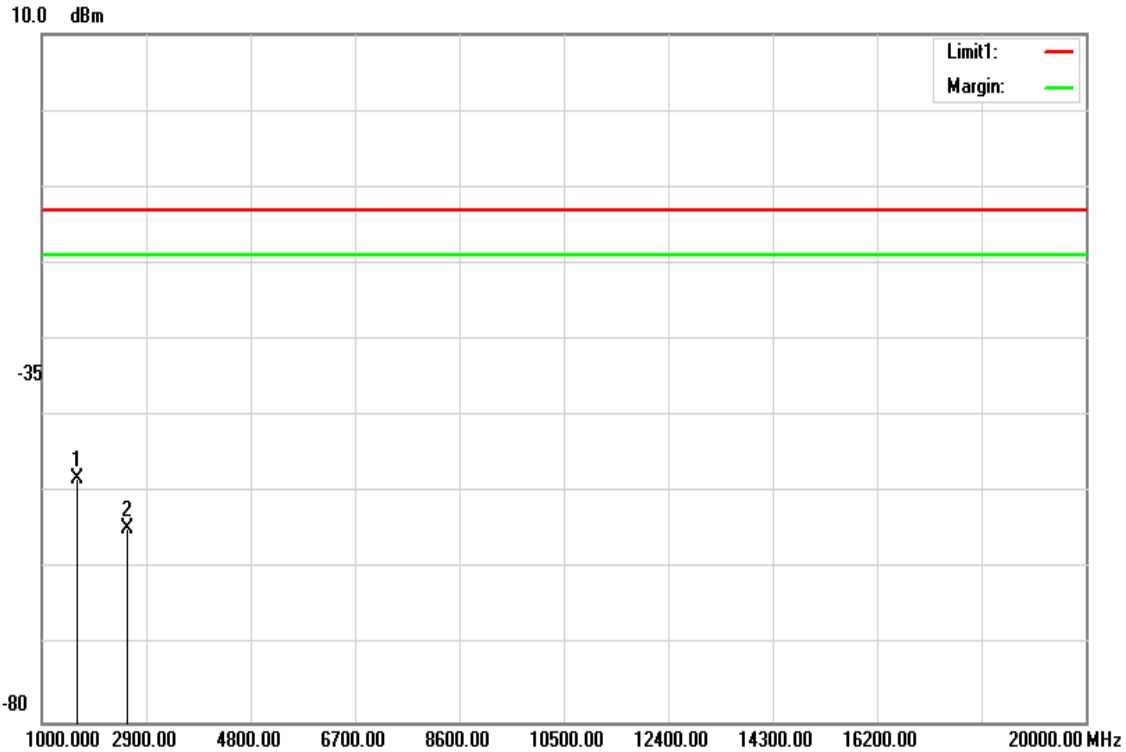
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1644.000	-49.07	5.04	6.04	-48.07	-13.00	-35.07	V
2568.000	-54.55	6.45	6.28	-54.72	-13.00	-41.72	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC10 / TX / CH 580

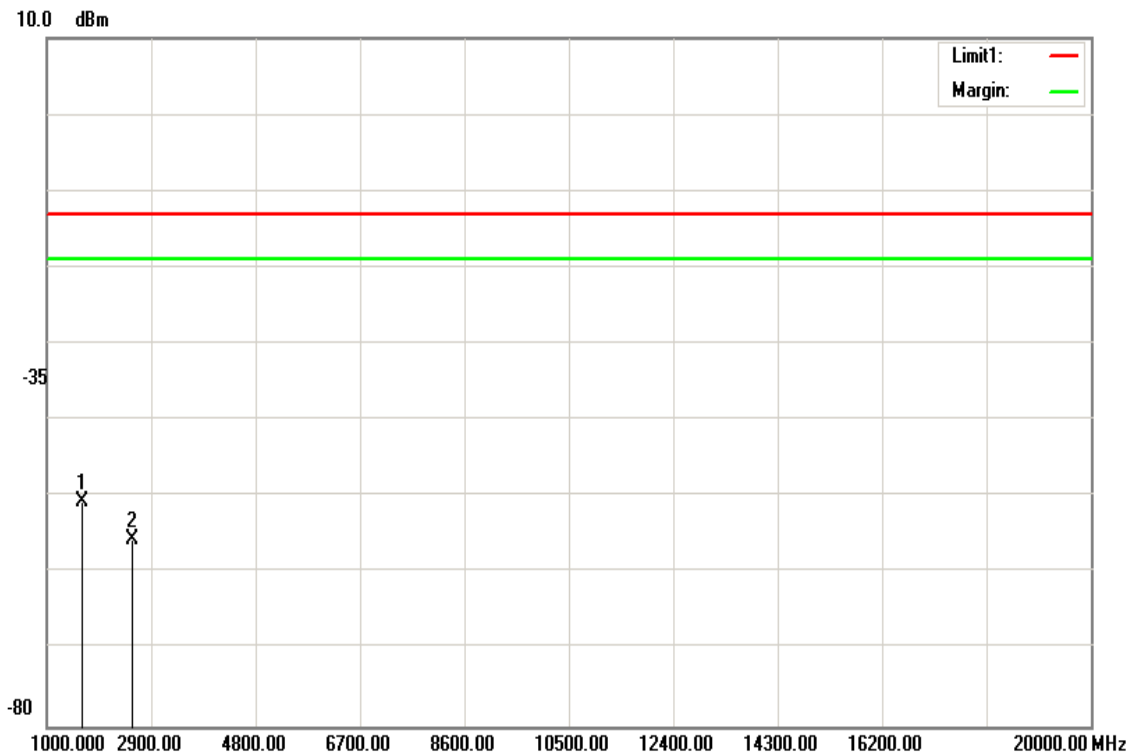
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1644.000	-51.67	5.04	6.04	-50.67	-13.00	-37.67	H
2568.000	-55.37	6.45	6.28	-55.54	-13.00	-42.54	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC10 / TX / CH 684

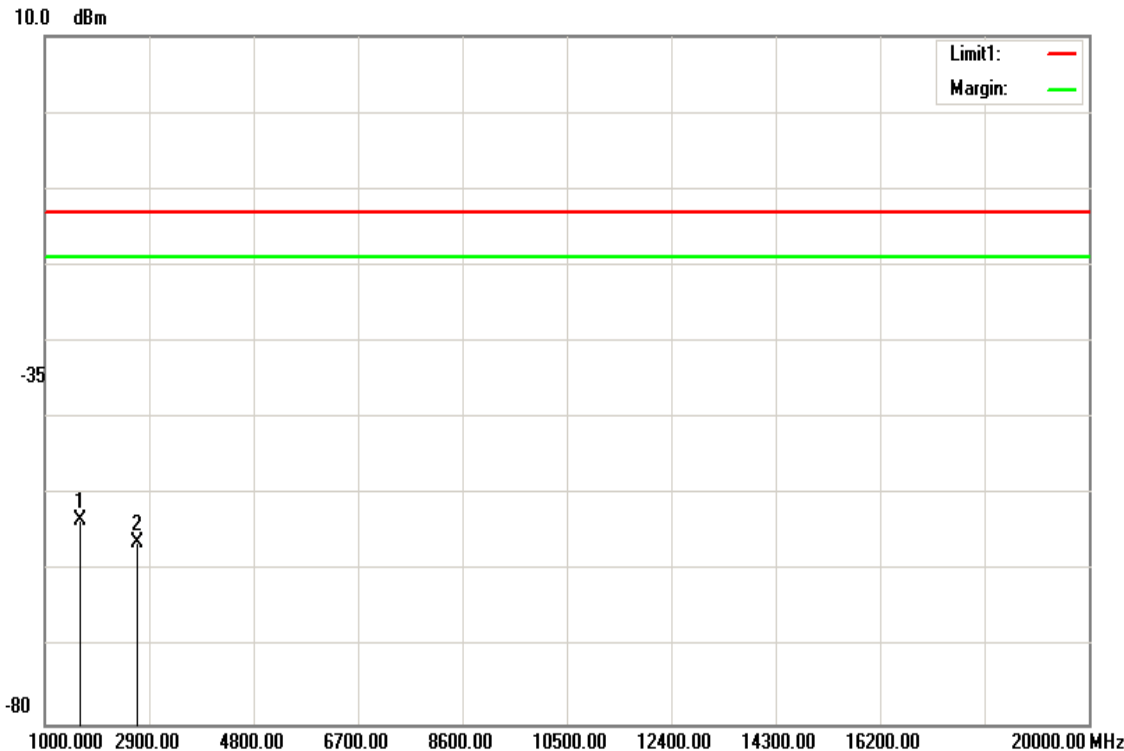
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1644.000	-54.31	5.04	6.04	-53.31	-13.00	-40.31	V
2694.000	-56.17	6.72	6.6	-56.29	-13.00	-43.29	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: CDMA / BC10 / TX / CH 684

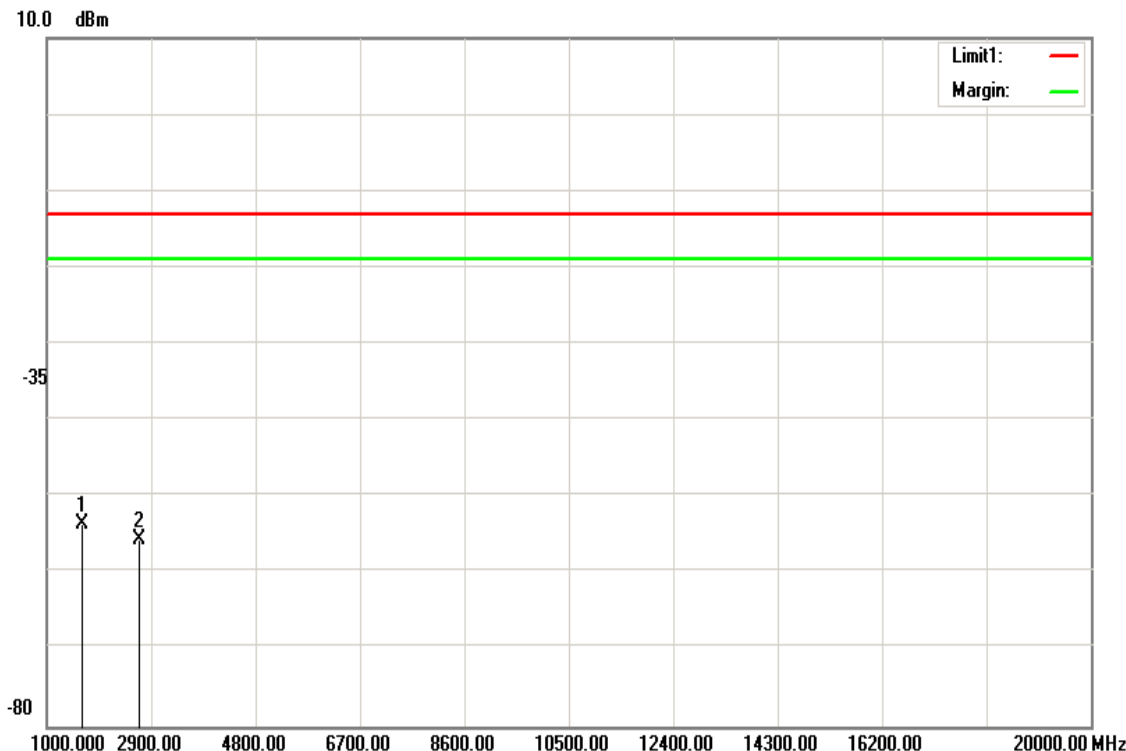
Test Date: May 19, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1644.000	-54.5	5.04	6.04	-53.50	-13.00	-40.50	H
2694.000	-55.51	6.72	6.6	-55.63	-13.00	-42.63	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xRTT / BC0 / TX / CH 384

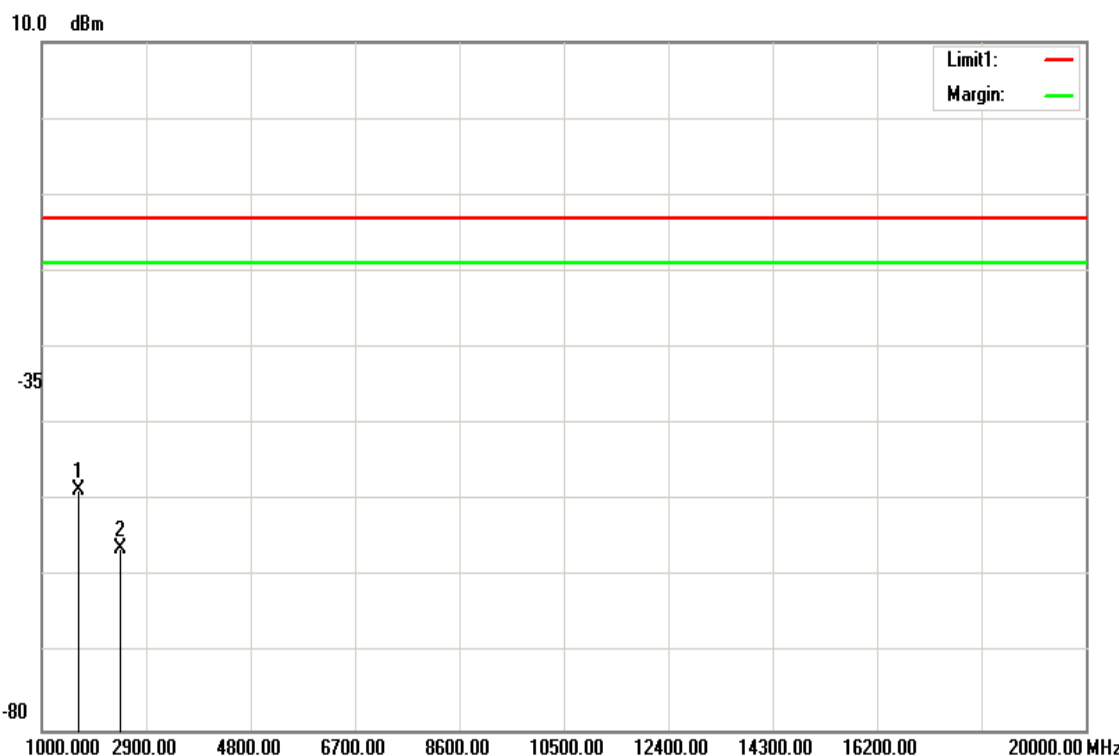
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1672.000	-49.64	5.07	5.99	-48.72	-13.00	-35.72	V
2442.000	-56.1	6.25	6.02	-56.33	-13.00	-43.33	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xRTT / BC0 / TX / CH 384

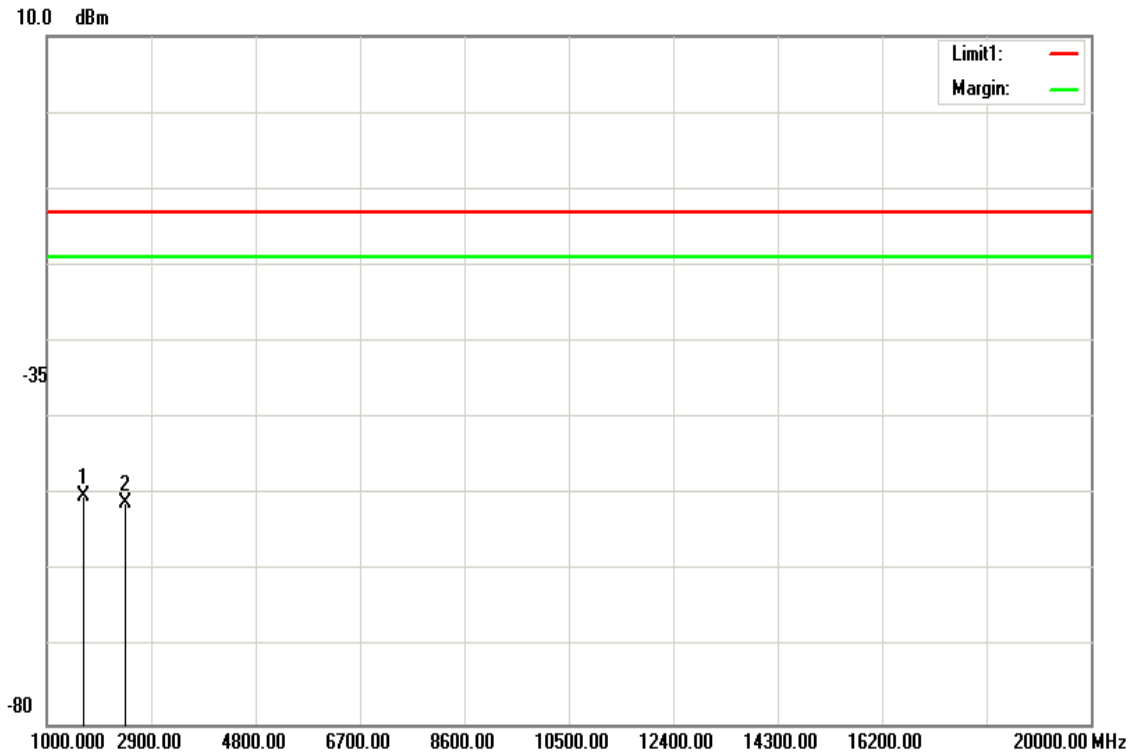
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1672.000	-51.05	5.07	5.99	-50.13	-13.00	-37.13	H
2442.000	-50.9	6.25	6.02	-51.13	-13.00	-38.13	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xRTT / BC0 / TX / CH 777

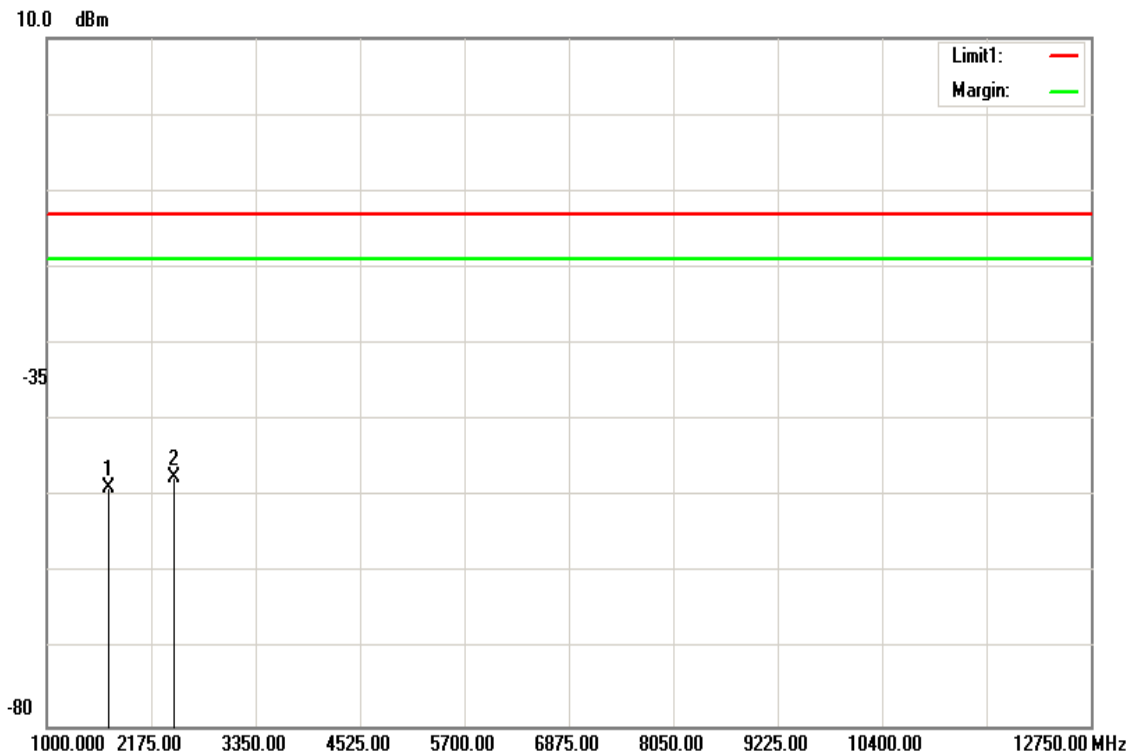
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1700.000	-49.66	5.11	5.94	-48.83	-13.00	-35.83	V
2435.000	-47.2	6.24	6.01	-47.43	-13.00	-34.43	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xRTT / BC0 / TX / CH 777

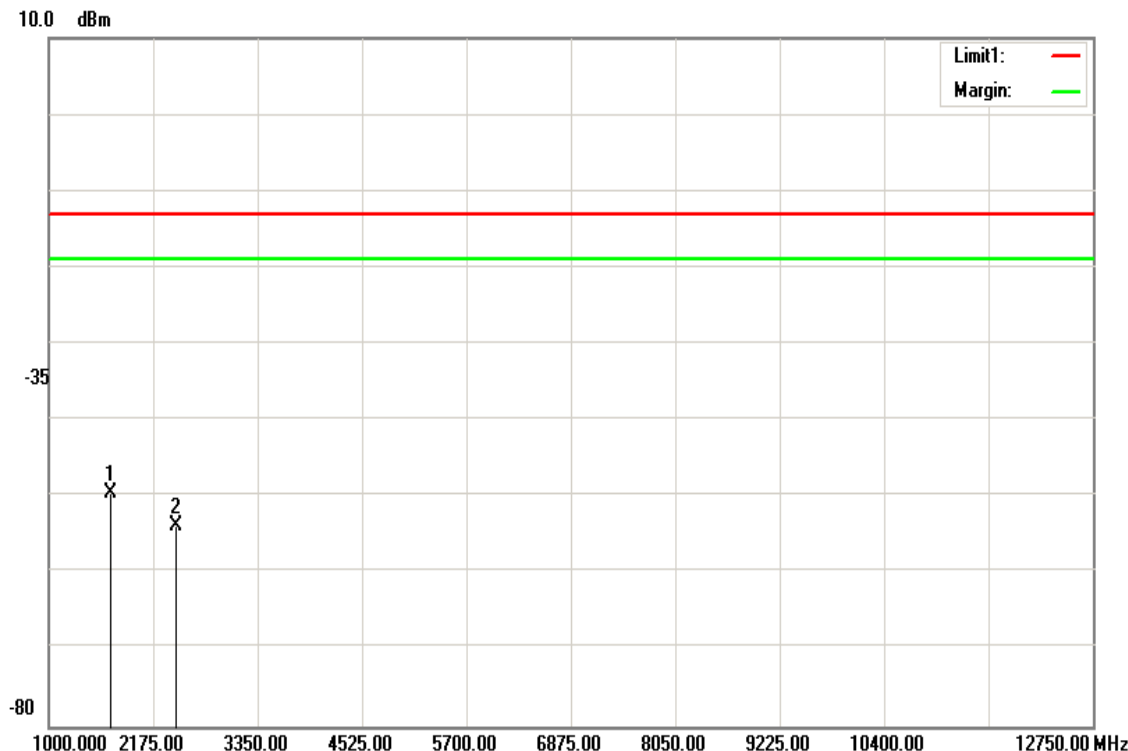
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1700.000	-50.28	5.11	5.94	-49.45	-13.00	-36.45	H
2435.000	-53.6	6.24	6.01	-53.83	-13.00	-40.83	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xRTT / BC0 / TX / CH 1013

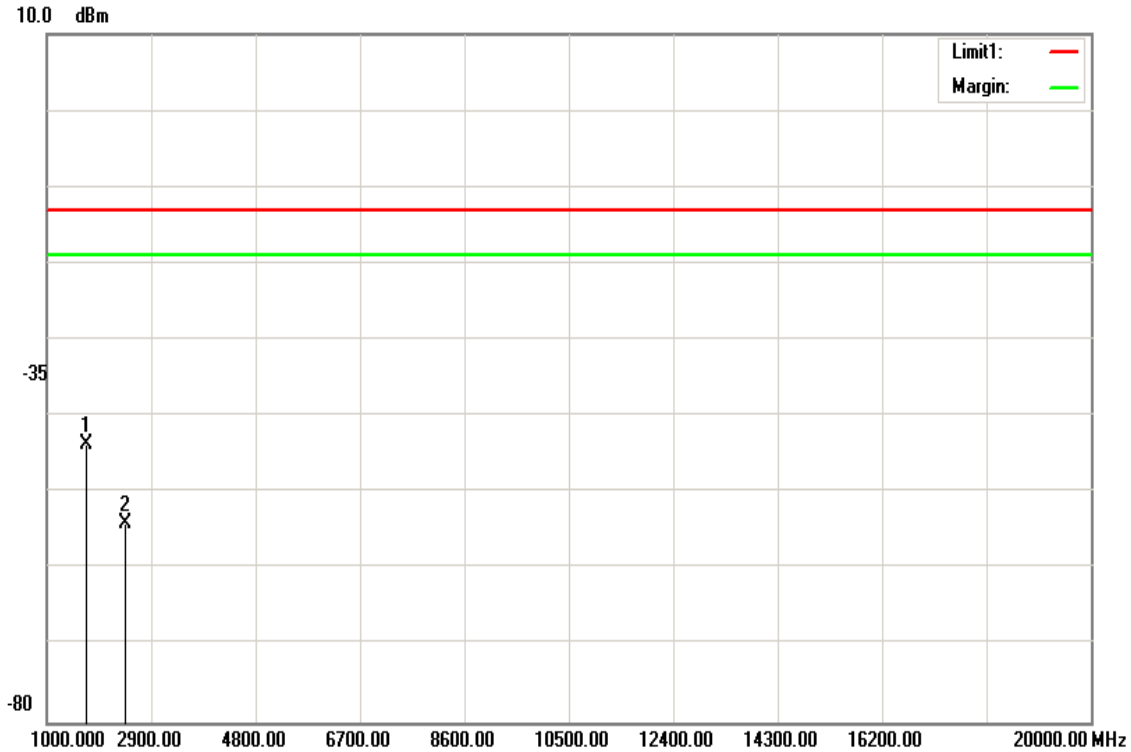
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1714.000	-44.35	5.14	5.91	-43.58	-13.00	-30.58	V
2435.000	-53.87	6.24	6.01	-54.10	-13.00	-41.10	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xRTT / BC0 / TX / CH 1013

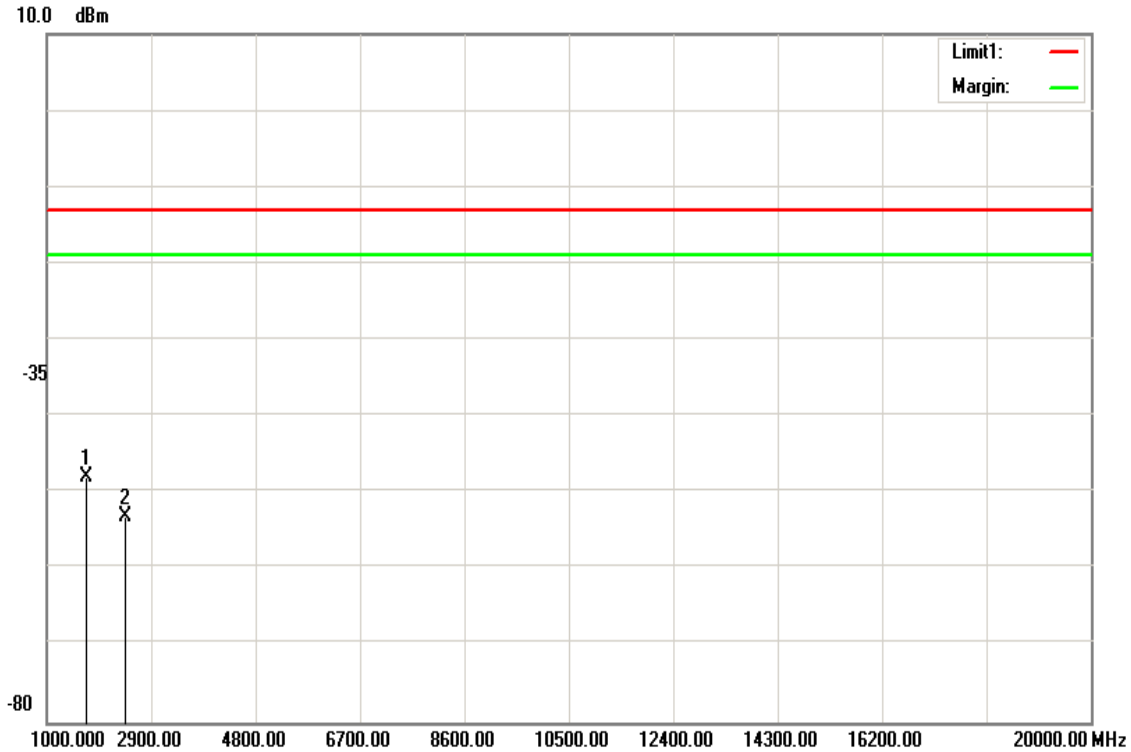
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1714.000	-48.71	5.14	5.91	-47.94	-13.00	-34.94	H
2435.000	-52.89	6.24	6.01	-53.12	-13.00	-40.12	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xRTT / BC1 / TX / CH 25

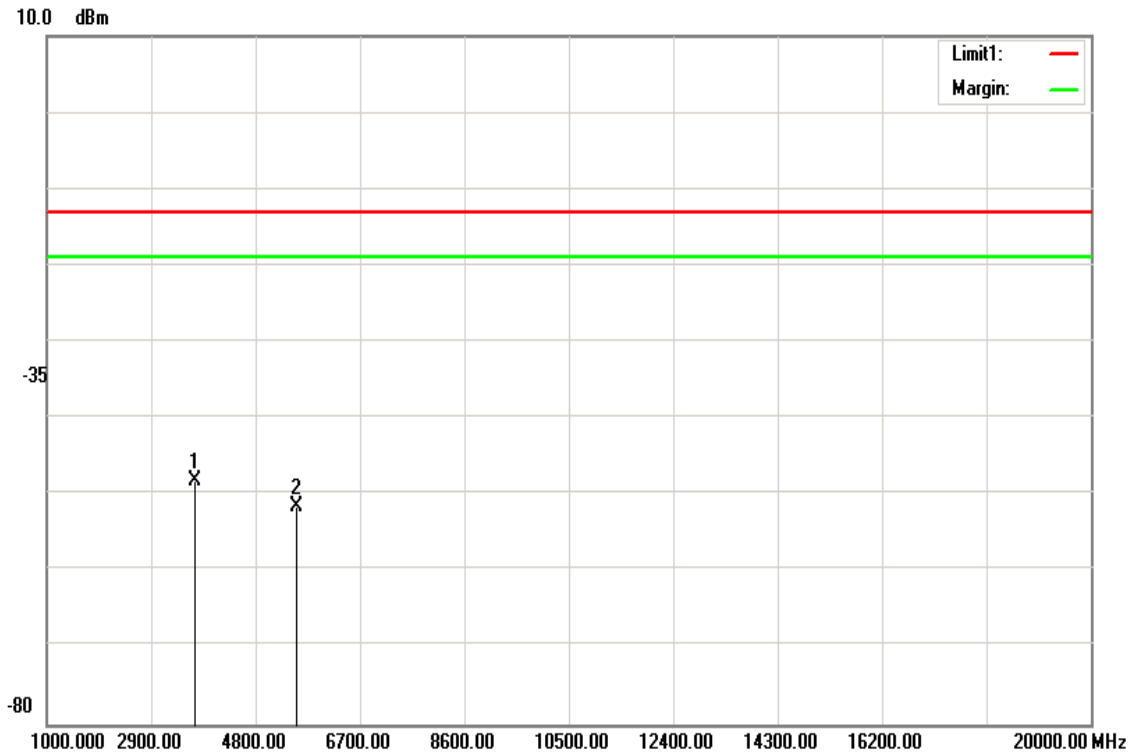
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3702.000	-48.99	8.2	9.1	-48.09	-13.00	-35.09	V
5559.000	-52.19	10.09	10.81	-51.47	-13.00	-38.47	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xRTT / BC1 / TX / CH 25

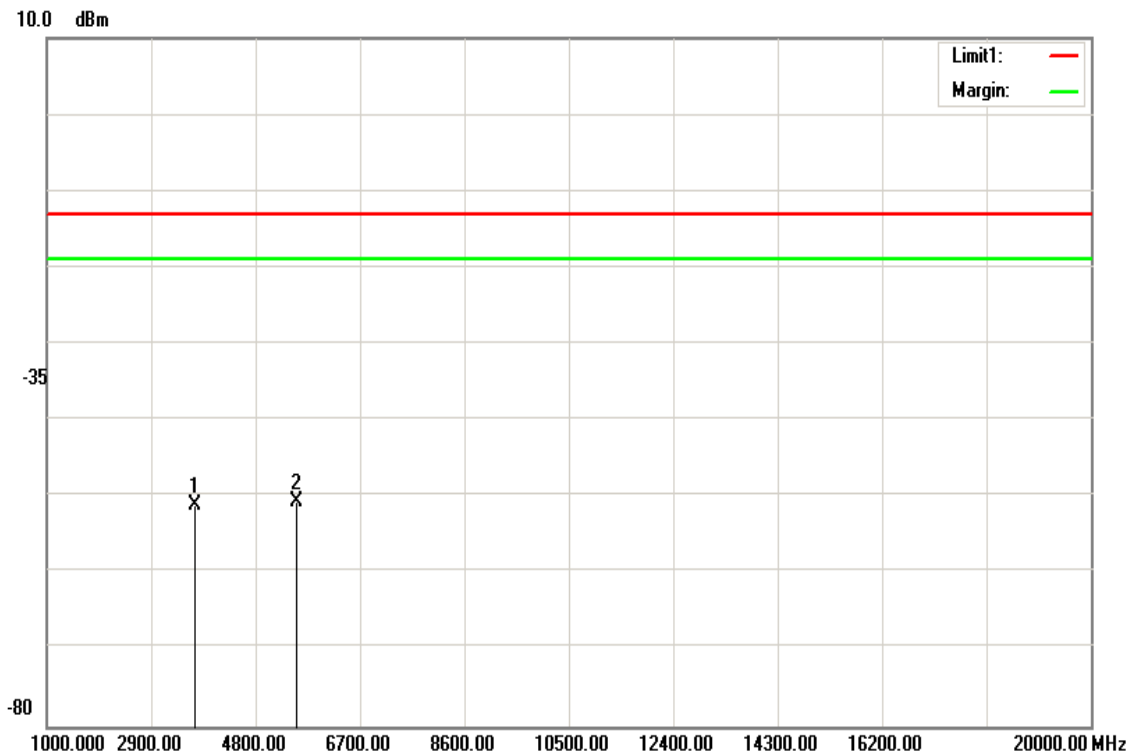
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3702.000	-51.95	8.2	9.1	-51.05	-13.00	-38.05	H
5559.000	-51.31	10.09	10.81	-50.59	-13.00	-37.59	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xRTT / BC1 / TX / CH 600

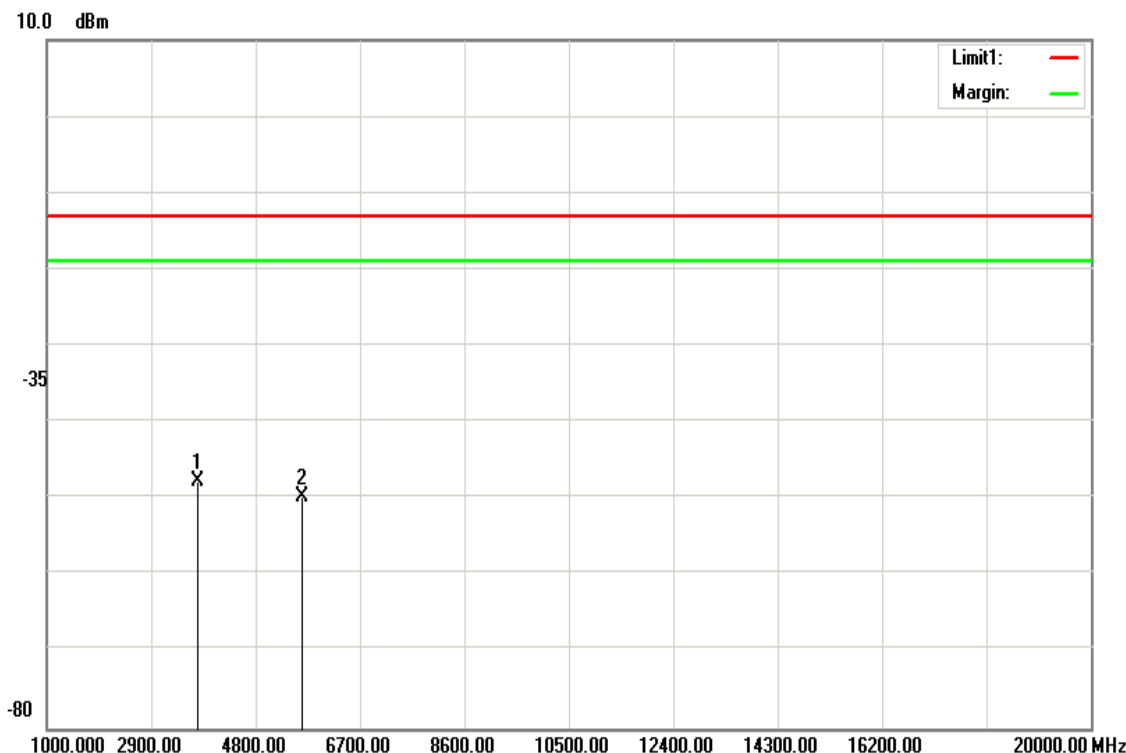
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3758.000	-48.56	8.23	9.16	-47.63	-13.00	-34.63	V
5641.000	-50.33	10.18	10.83	-49.68	-13.00	-36.68	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xRTT / BC1 / TX / CH 600

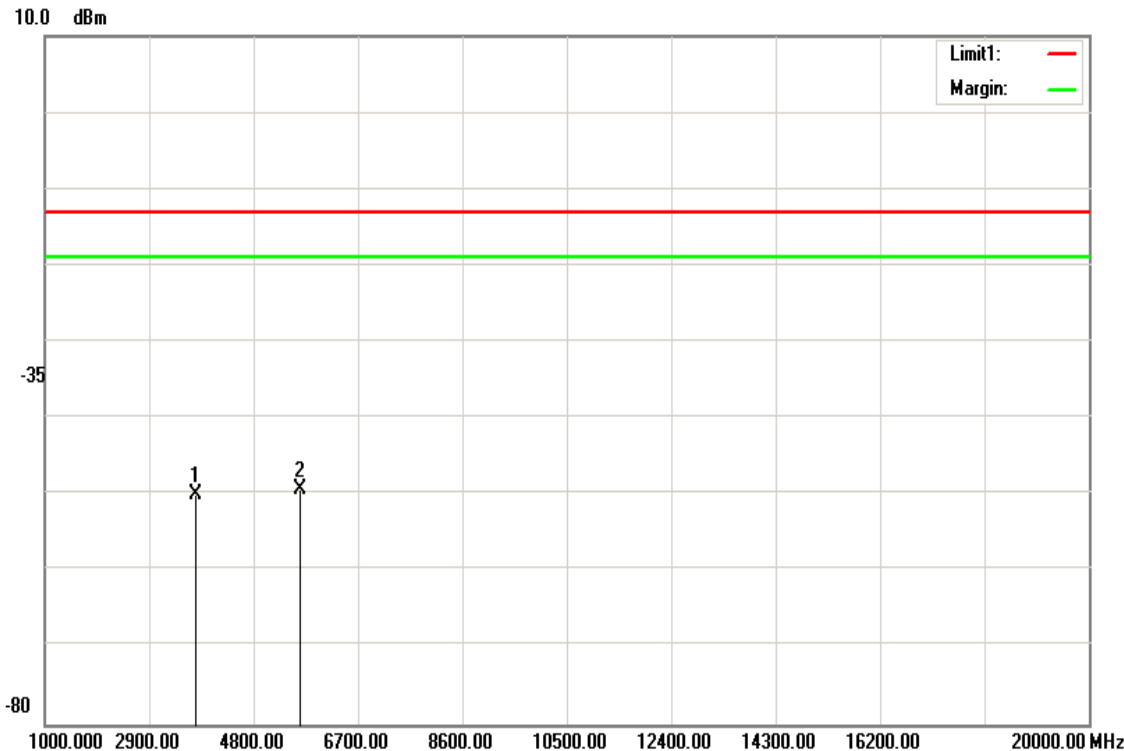
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3758.000	-50.97	8.23	9.16	-50.04	-13.00	-37.04	H
5641.000	-49.85	10.18	10.83	-49.20	-13.00	-36.20	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xRTT / BC1 / TX / CH 1175

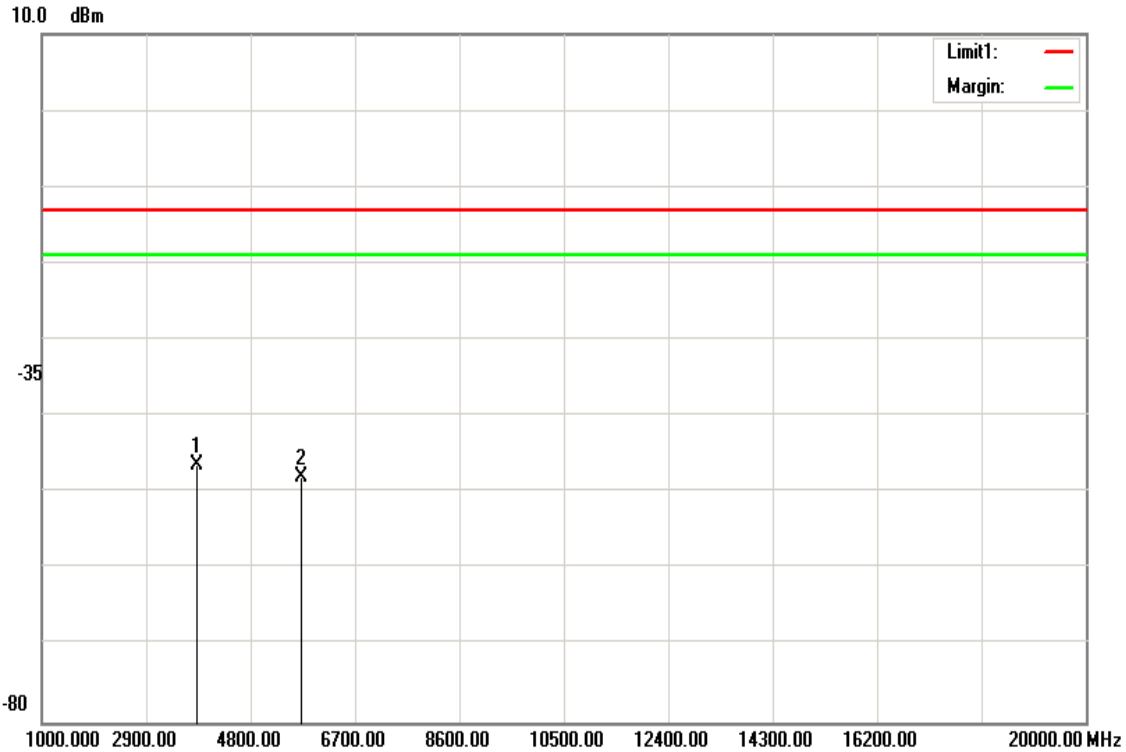
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3814.000	-47.32	8.28	9.21	-46.39	-13.00	-33.39	V
5725.000	-48.56	10.22	10.84	-47.94	-13.00	-34.94	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xRTT / BC1 / TX / CH 1175

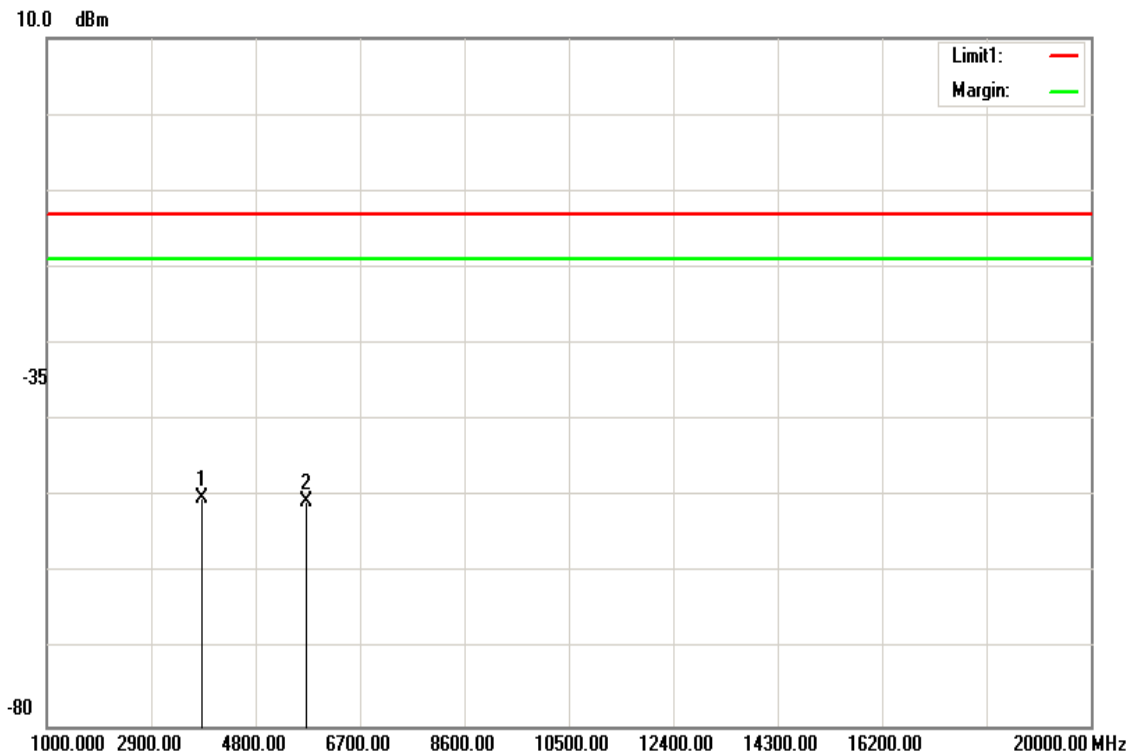
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3814.000	-51.13	8.28	9.21	-50.20	-13.00	-37.20	H
5725.000	-51.23	10.22	10.84	-50.61	-13.00	-37.61	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xRTT / BC10 / TX / CH 476

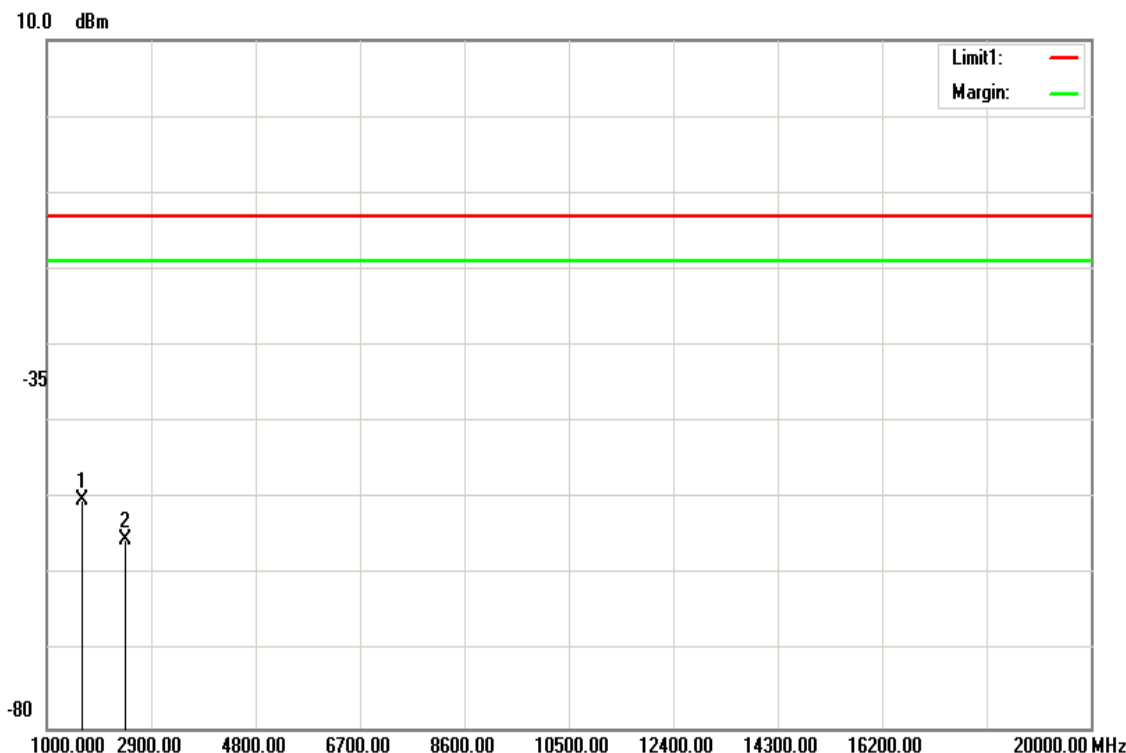
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1637.000	-51.19	5.03	6.05	-50.17	-13.00	-37.17	V
2442.000	-55.09	6.25	6.02	-55.32	-13.00	-42.32	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with "N/A" remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xRTT / BC10 / TX / CH 476

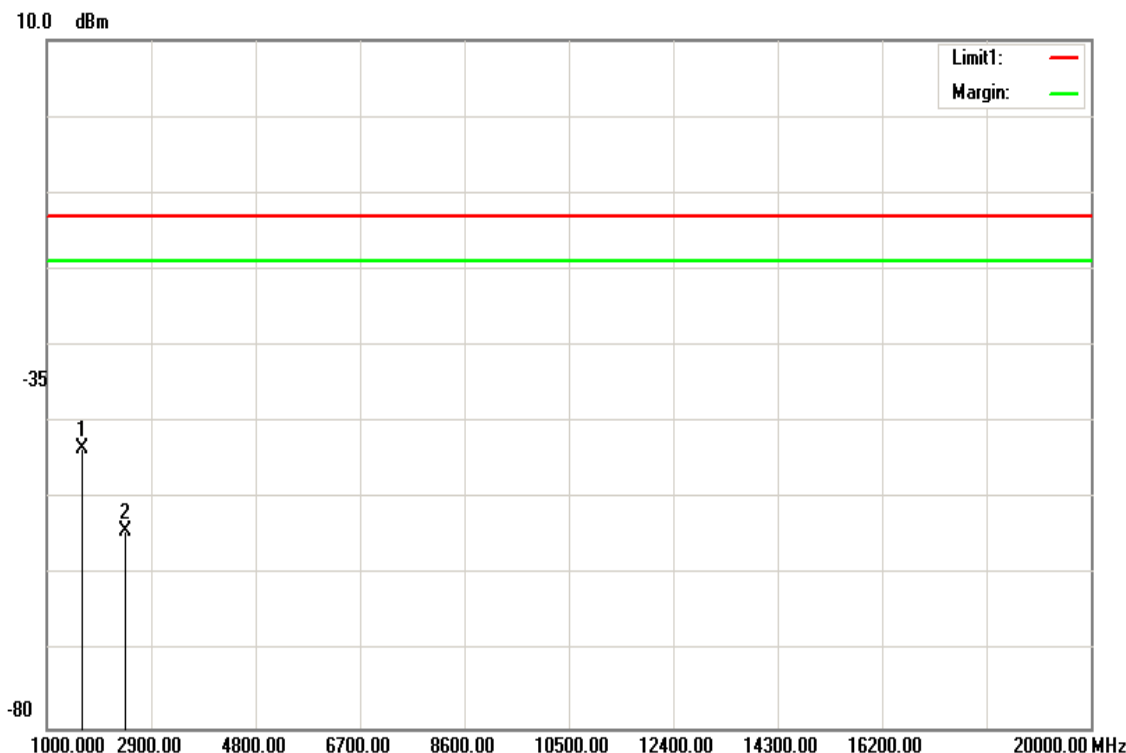
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1637.000	-44.41	5.03	6.05	-43.39	-13.00	-30.39	H
2442.000	-54.09	6.25	6.02	-54.32	-13.00	-41.32	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xRTT / BC10 / TX / CH 580

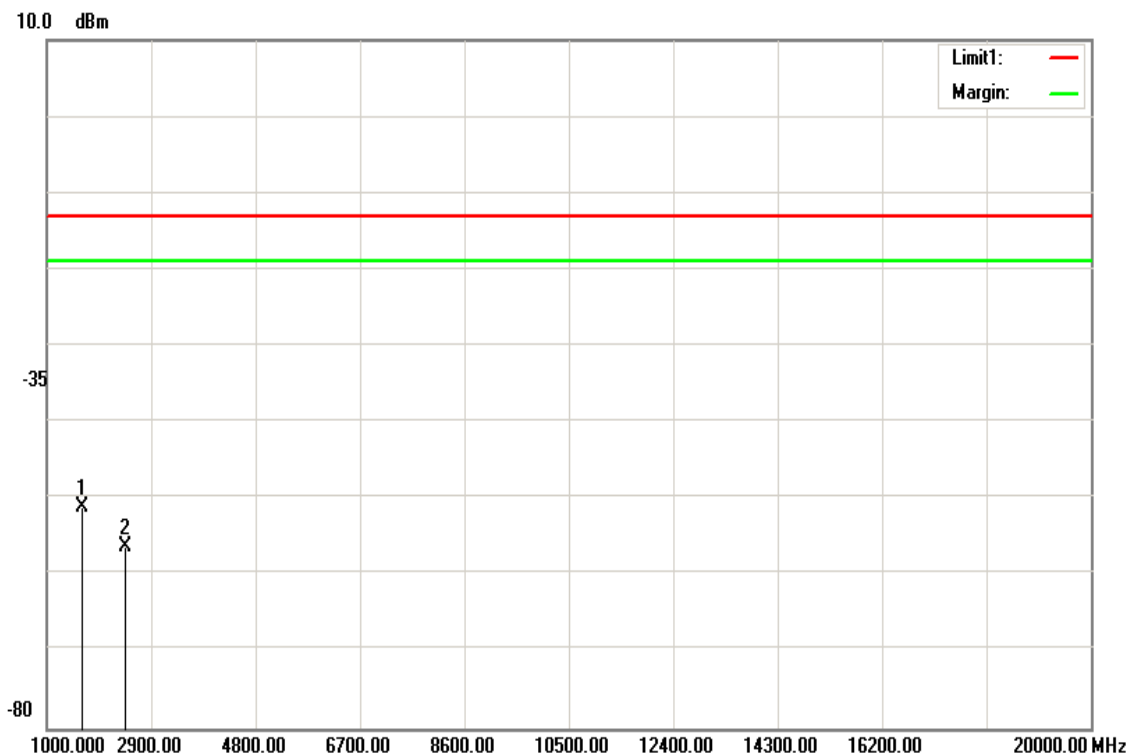
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1637.000	-52.01	5.03	6.05	-50.99	-13.00	-37.99	V
2435.000	-56.12	6.24	6.01	-56.35	-13.00	-43.35	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xRTT / BC10 / TX / CH 580

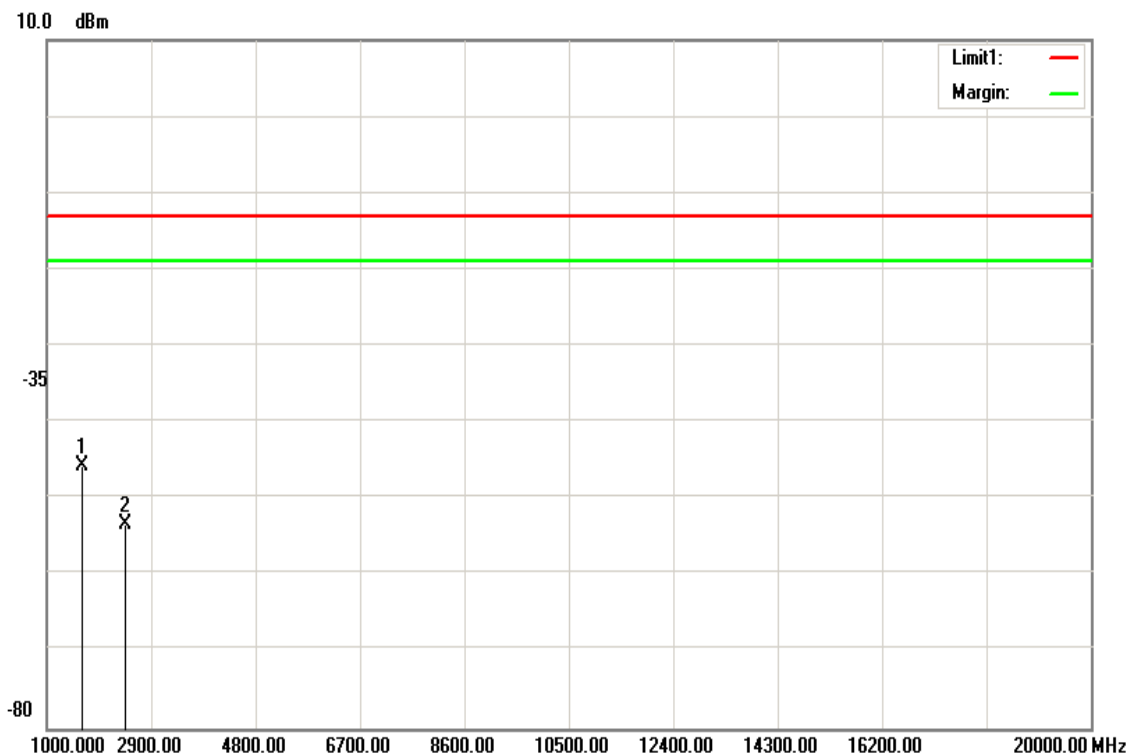
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1637.000	-46.8	5.03	6.05	-45.78	-13.00	-32.78	H
2435.000	-53.13	6.24	6.01	-53.36	-13.00	-40.36	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xRTT / BC10 / TX / CH 684

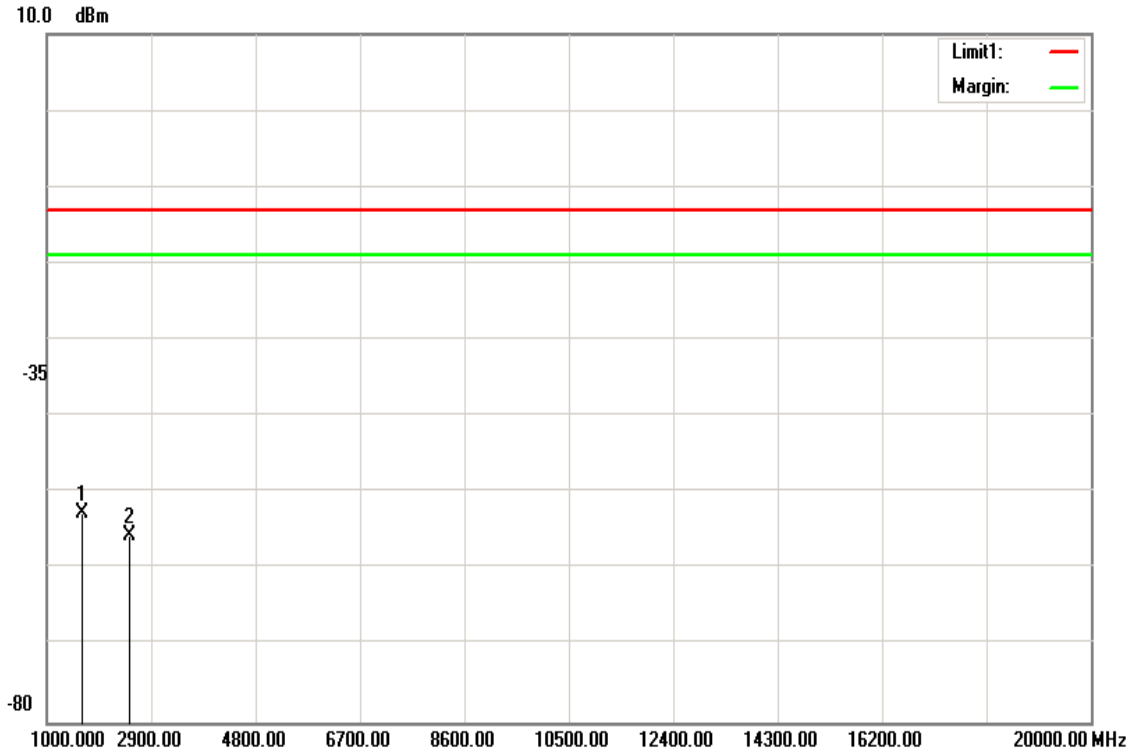
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1644.000	-53.57	5.04	6.04	-52.57	-13.00	-39.57	V
2519.000	-55.43	6.38	6.15	-55.66	-13.00	-42.66	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xRTT / BC10 / TX / CH 684

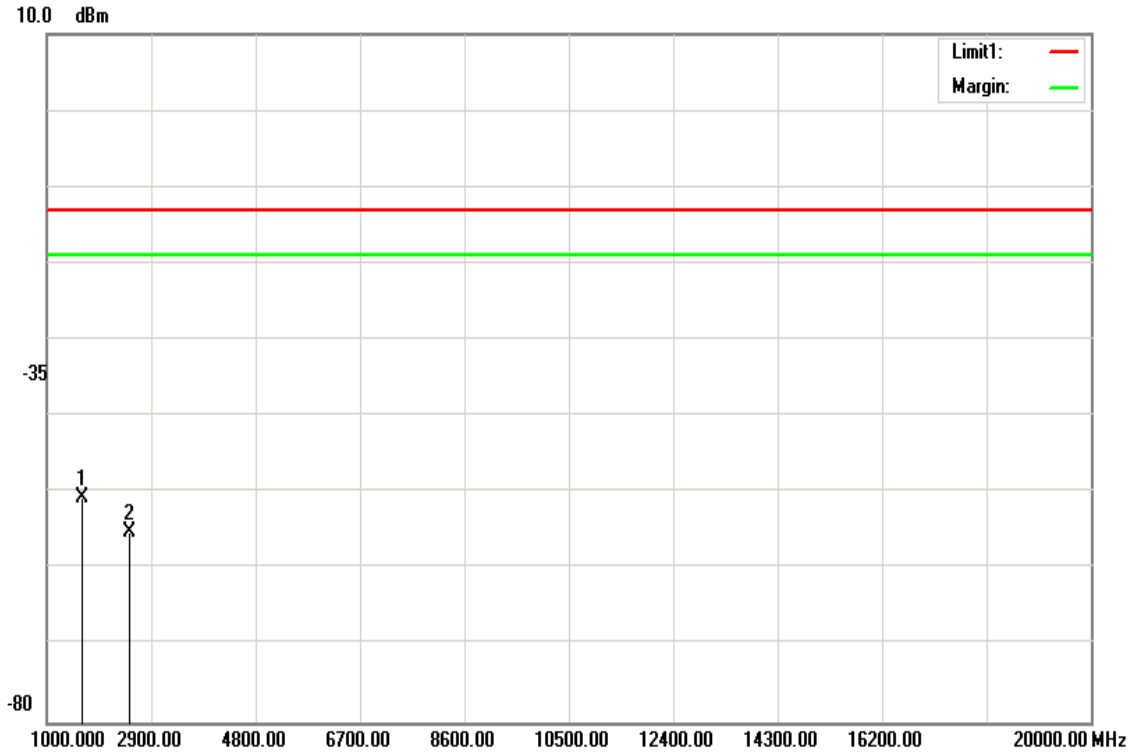
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1644.000	-51.59	5.04	6.04	-50.59	-13.00	-37.59	H
2519.000	-54.94	6.38	6.15	-55.17	-13.00	-42.17	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC0 / TX / CH 384

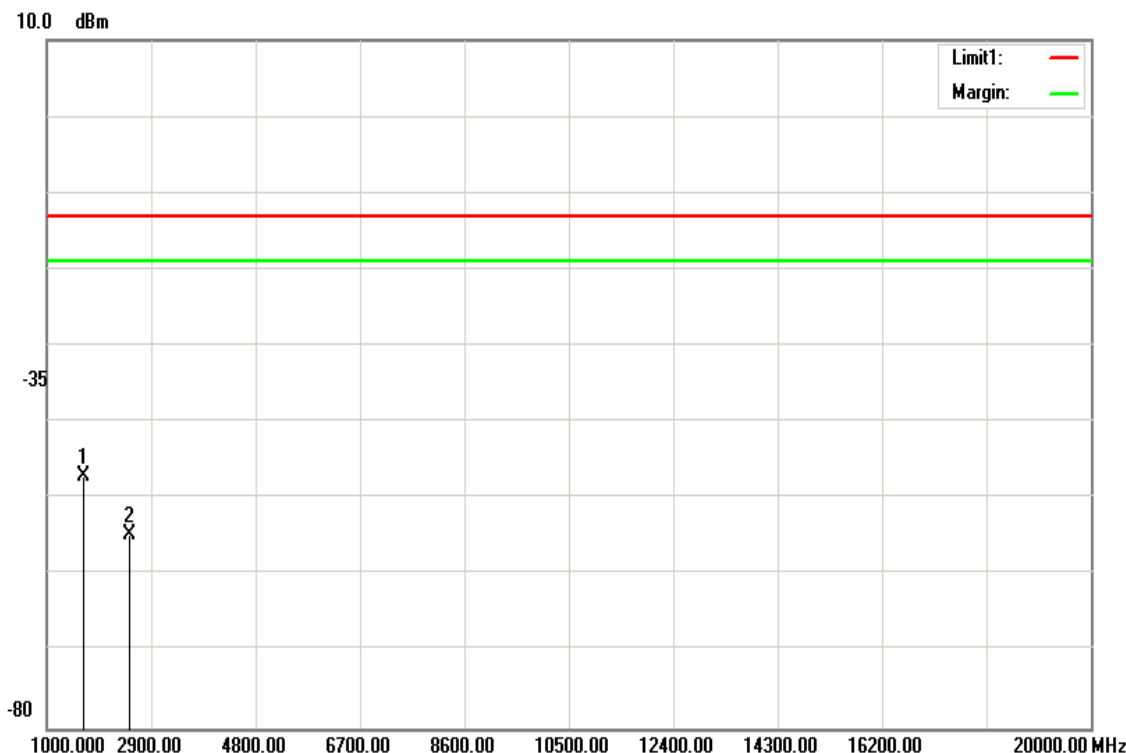
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1672.000	-47.99	5.07	5.99	-47.07	-13.00	-34.07	V
2512.000	-54.48	6.37	6.13	-54.72	-13.00	-41.72	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC0 / TX / CH 384

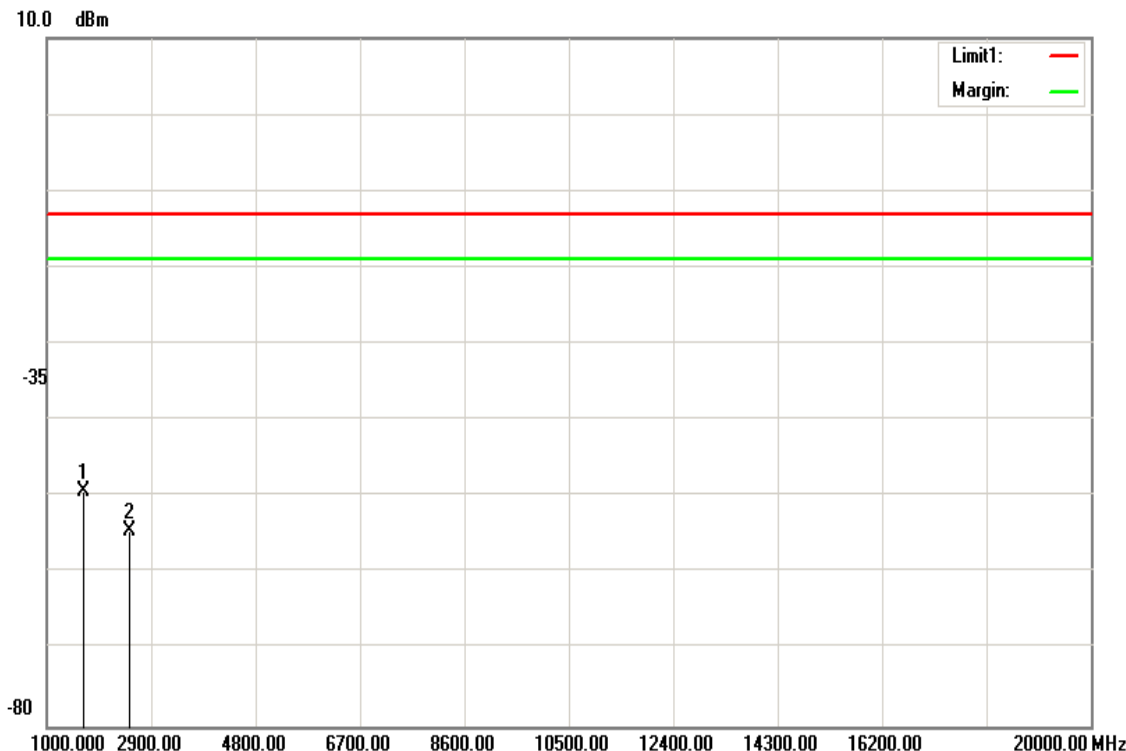
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1672.000	-50.28	5.07	5.99	-49.36	-13.00	-36.36	H
2512.000	-54.27	6.37	6.13	-54.51	-13.00	-41.51	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC0 / TX / CH 777

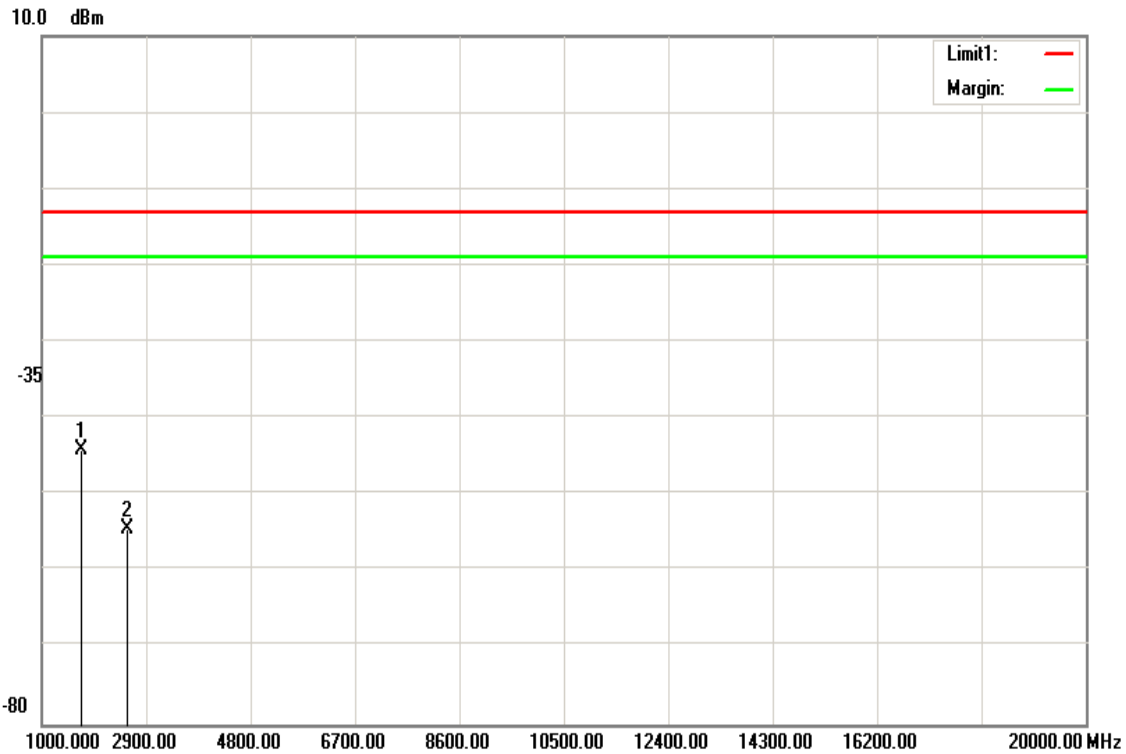
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1714.000	-44.91	5.14	5.91	-44.14	-13.00	-31.14	V
2547.000	-54.35	6.42	6.22	-54.55	-13.00	-41.55	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC0 / TX / CH 777

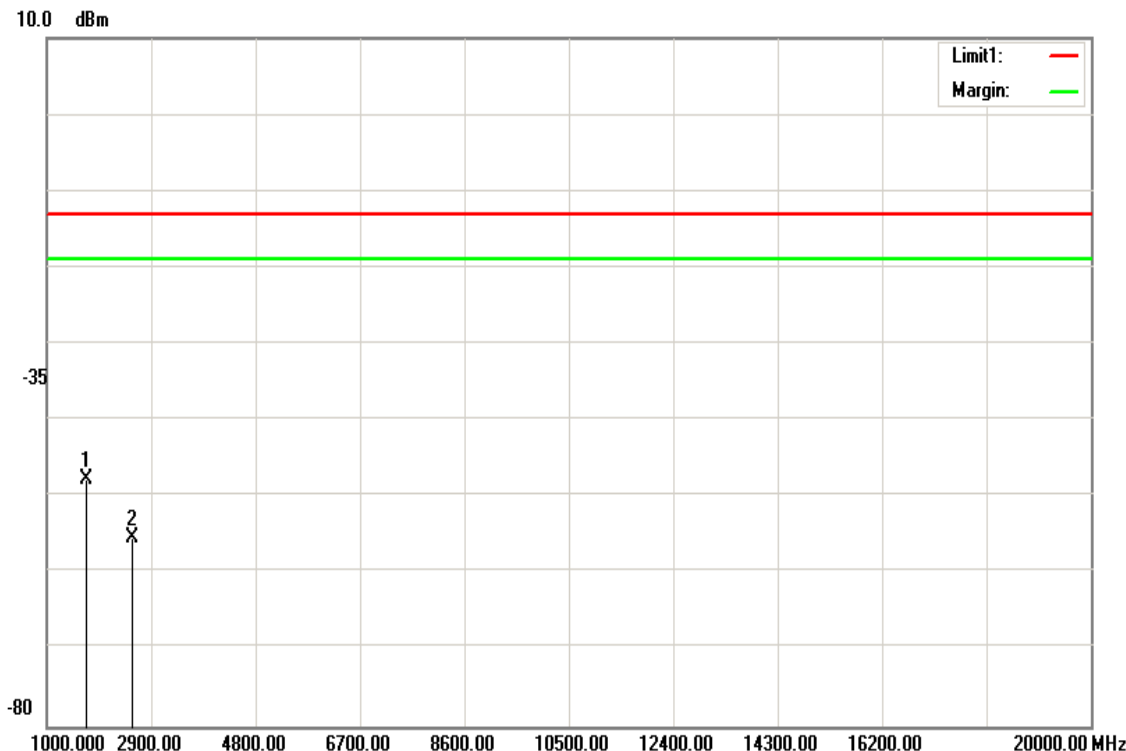
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1714.000	-48.5	5.14	5.91	-47.73	-13.00	-34.73	H
2547.000	-55.22	6.42	6.22	-55.42	-13.00	-42.42	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC0 / TX / CH 1013

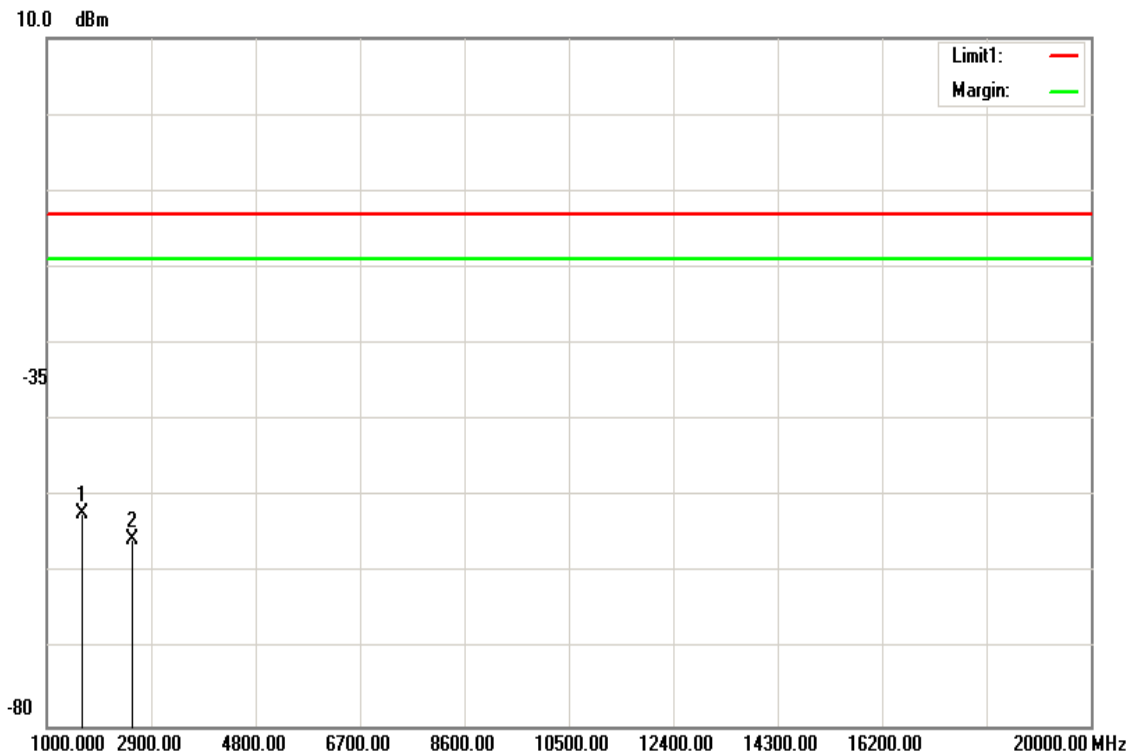
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1651.000	-53.21	5.05	6.03	-52.23	-13.00	-39.23	V
2547.000	-55.39	6.42	6.22	-55.59	-13.00	-42.59	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC0 / TX / CH 1013

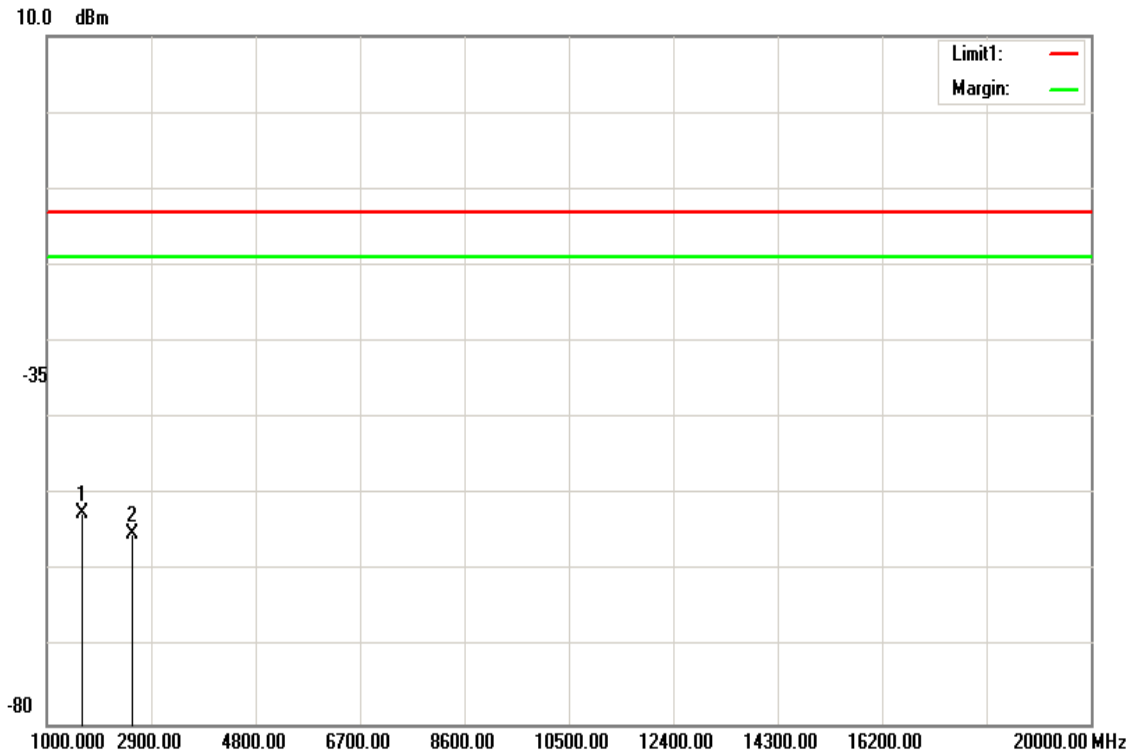
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1651.000	-53.4	5.05	6.03	-52.42	-13.00	-39.42	H
2547.000	-54.88	6.42	6.22	-55.08	-13.00	-42.08	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC1 / TX / CH 25

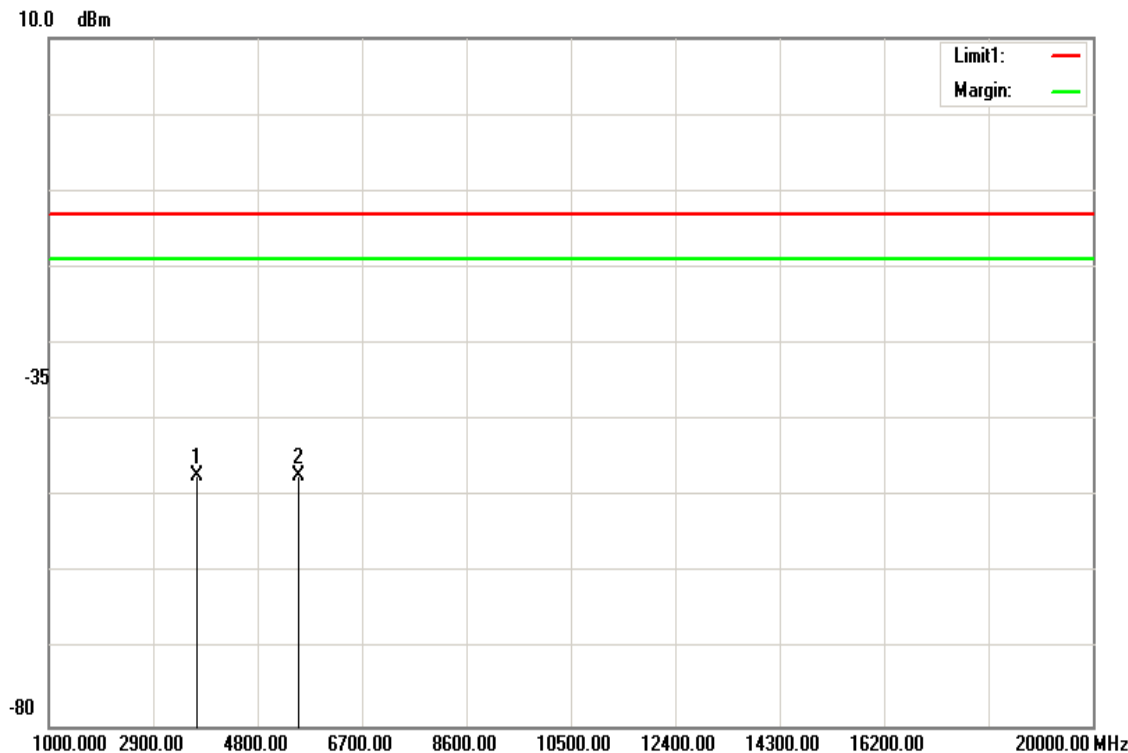
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3702.000	-48.14	8.2	9.1	-47.24	-13.00	-34.24	V
5557.000	-48.04	10.08	10.81	-47.31	-13.00	-34.31	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC1 / TX / CH 25

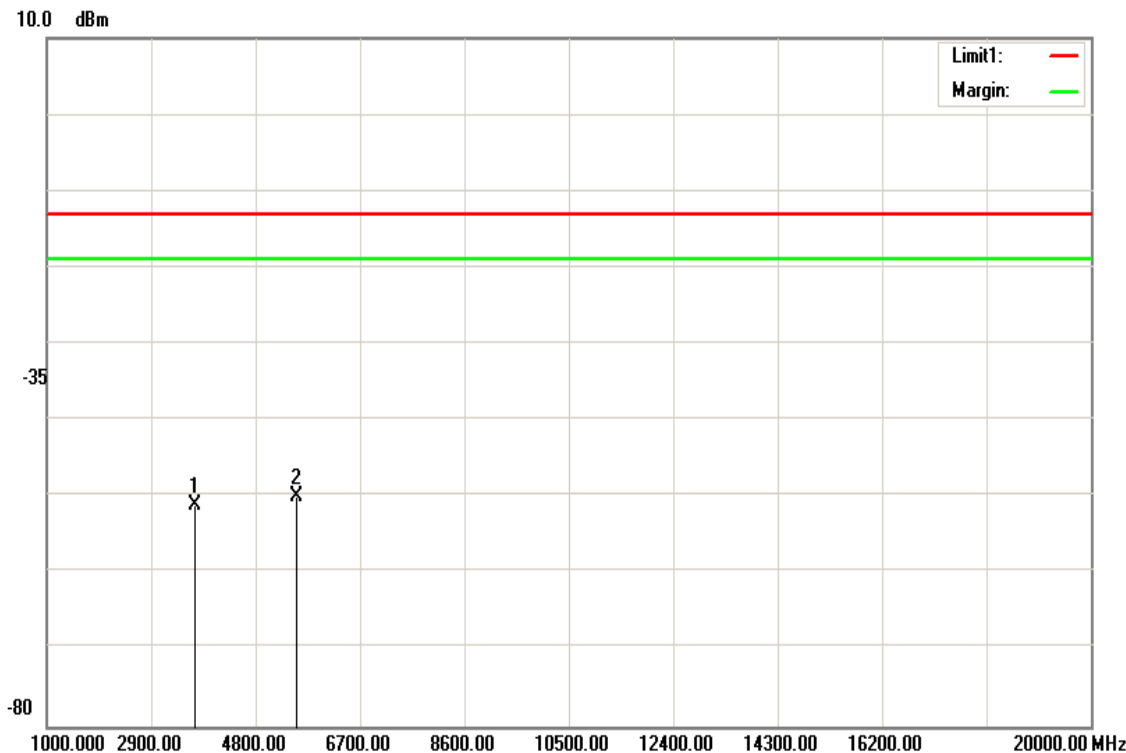
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3702.000	-52.05	8.2	9.1	-51.15	-13.00	-38.15	H
5557.000	-50.59	10.08	10.81	-49.86	-13.00	-36.86	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC1 / TX / CH 600

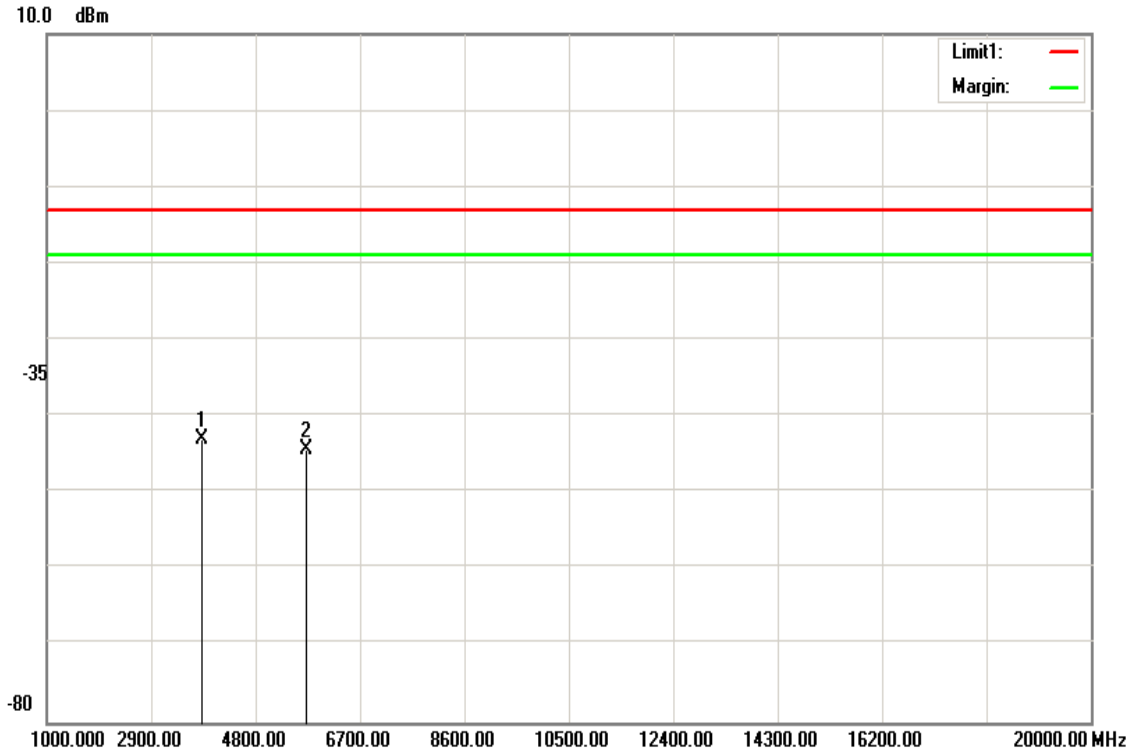
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3814.000	-43.98	8.28	9.21	-43.05	-13.00	-30.05	V
5725.000	-44.98	10.22	10.84	-44.36	-13.00	-31.36	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC1 / TX / CH 600

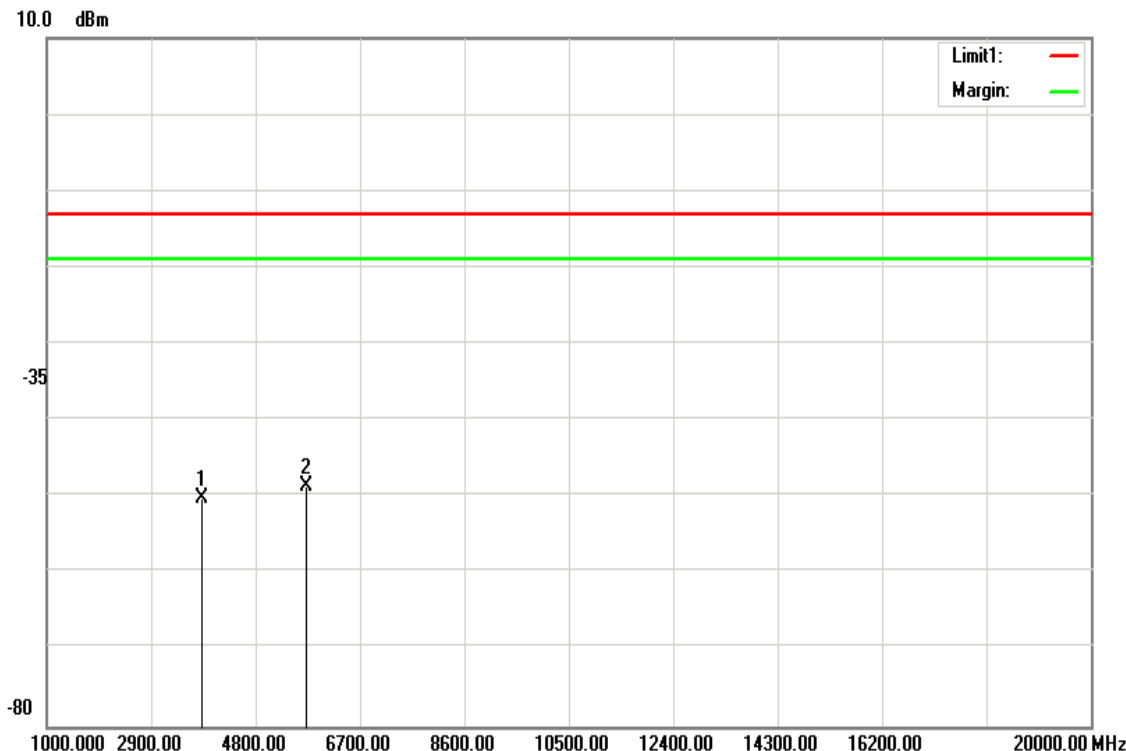
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3814.000	-51.02	8.28	9.21	-50.09	-13.00	-37.09	H
5725.000	-49.19	10.22	10.84	-48.57	-13.00	-35.57	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC1 / TX / CH 1175

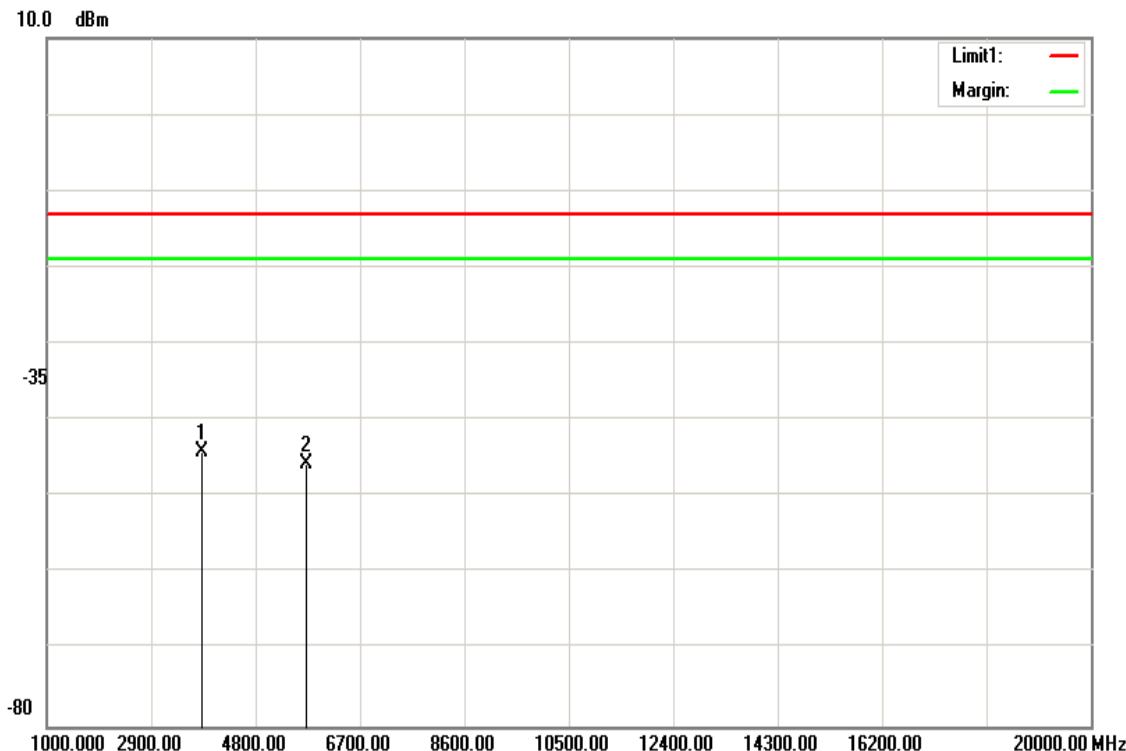
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3821.000	-44.93	8.29	9.22	-44.00	-13.00	-31.00	V
5725.000	-46.22	10.22	10.84	-45.60	-13.00	-32.60	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC1 / TX / CH 1175

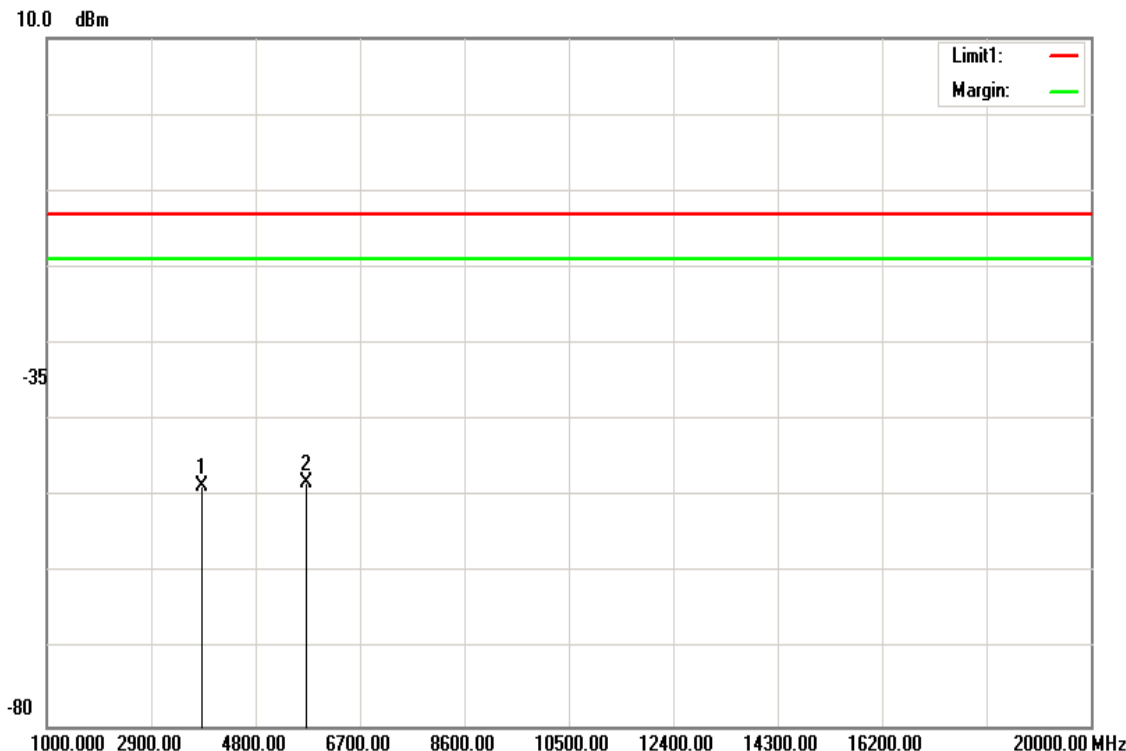
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3821.000	-49.57	8.29	9.22	-48.64	-13.00	-35.64	H
5725.000	-48.69	10.22	10.84	-48.07	-13.00	-35.07	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC10 / TX / CH 476

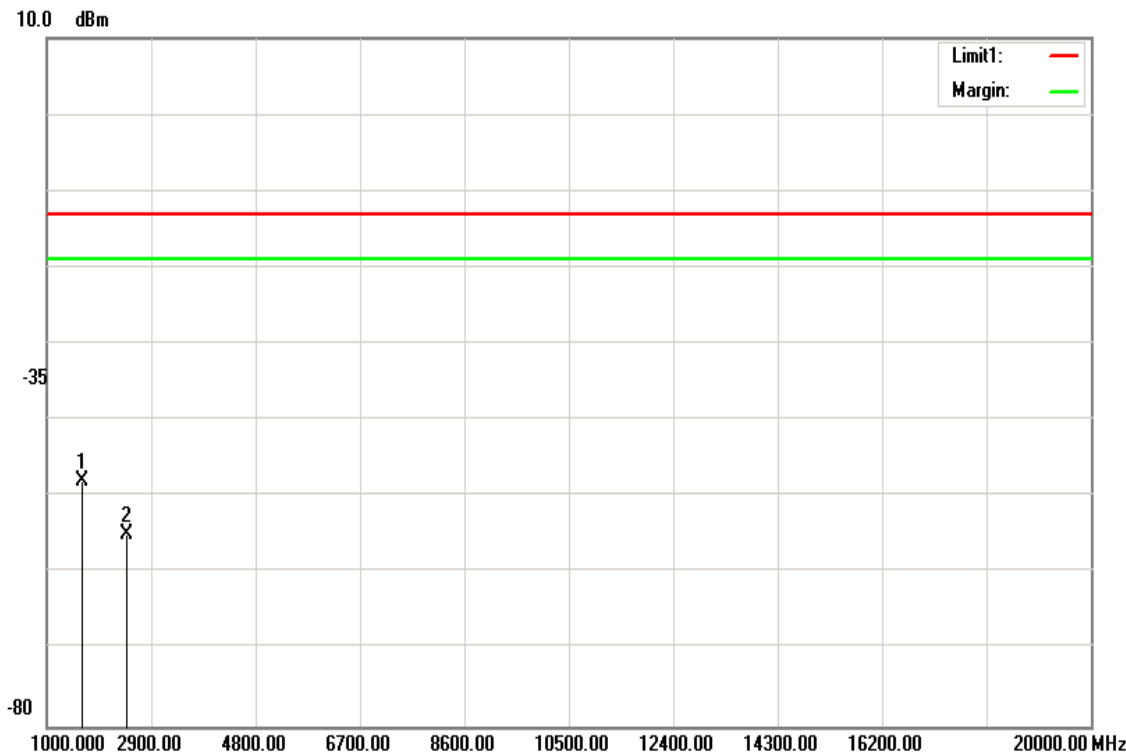
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1637.000	-48.87	5.03	6.05	-47.85	-13.00	-34.85	V
2456.000	-54.66	6.28	6.04	-54.90	-13.00	-41.90	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with "N/A" remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC10 / TX / CH 476

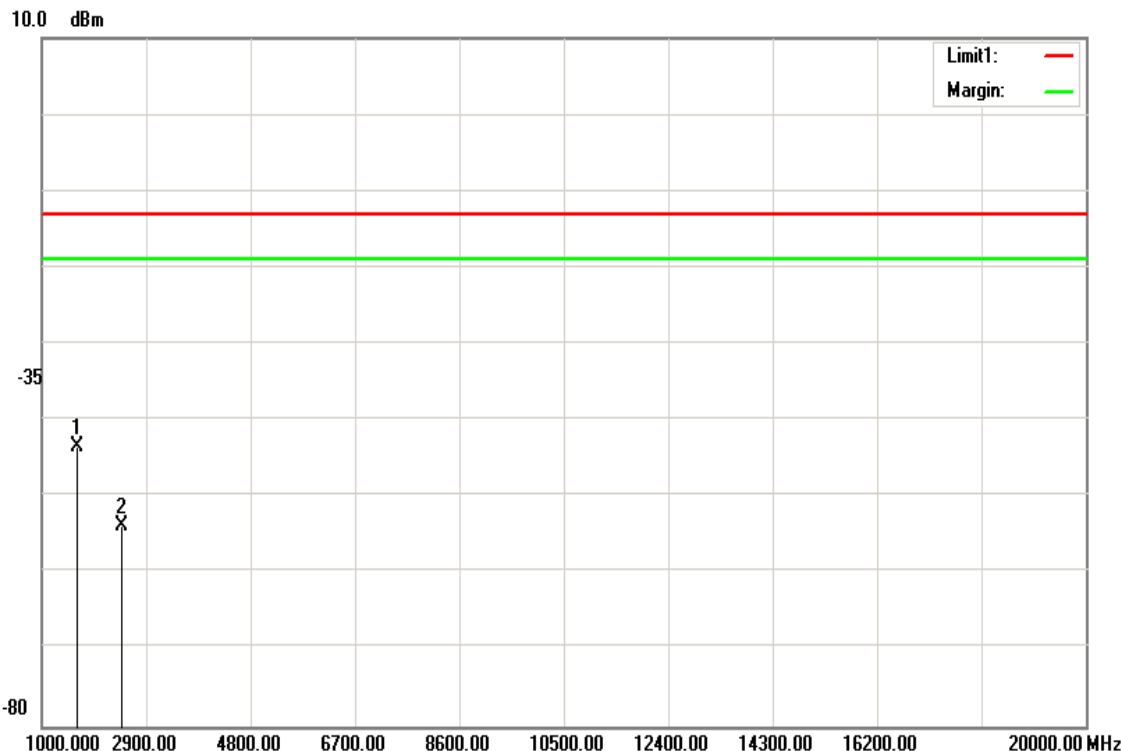
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1637.000	-44.43	5.03	6.05	-43.41	-13.00	-30.41	H
2456.000	-53.55	6.28	6.04	-53.79	-13.00	-40.79	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC10 / TX / CH 580

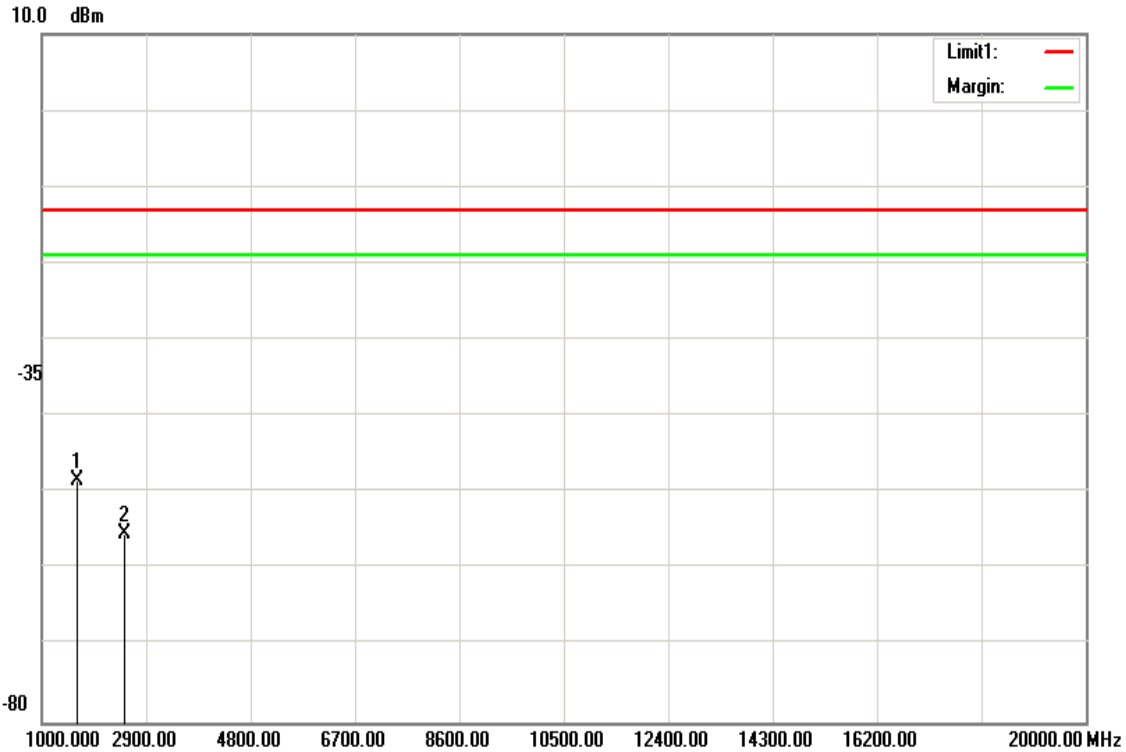
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1644.000	-49.47	5.04	6.04	-48.47	-13.00	-35.47	V
2519.000	-55.21	6.38	6.15	-55.44	-13.00	-42.44	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC10 / TX / CH 580

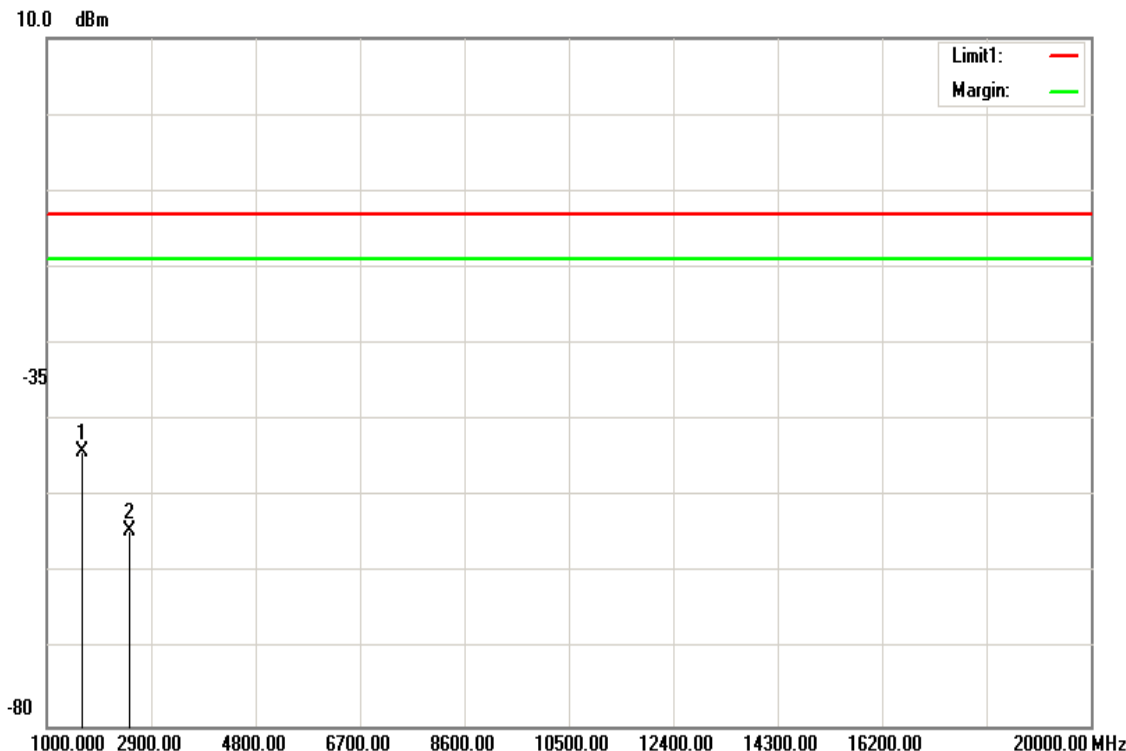
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1644.000	-45.21	5.04	6.04	-44.21	-13.00	-31.21	H
2519.000	-54.31	6.38	6.15	-54.54	-13.00	-41.54	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC10 / TX / CH 684

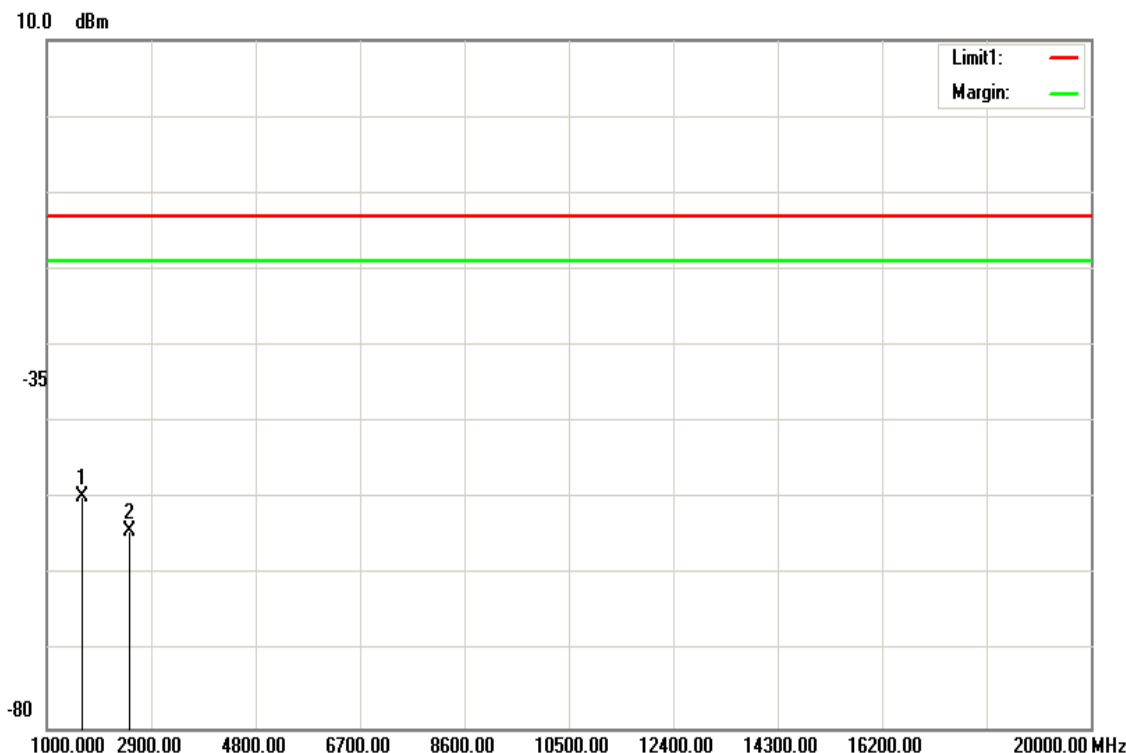
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1644.000	-50.68	5.04	6.04	-49.68	-13.00	-36.68	V
2519.000	-53.99	6.38	6.15	-54.22	-13.00	-41.22	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.0 / BC10 / TX / CH 684

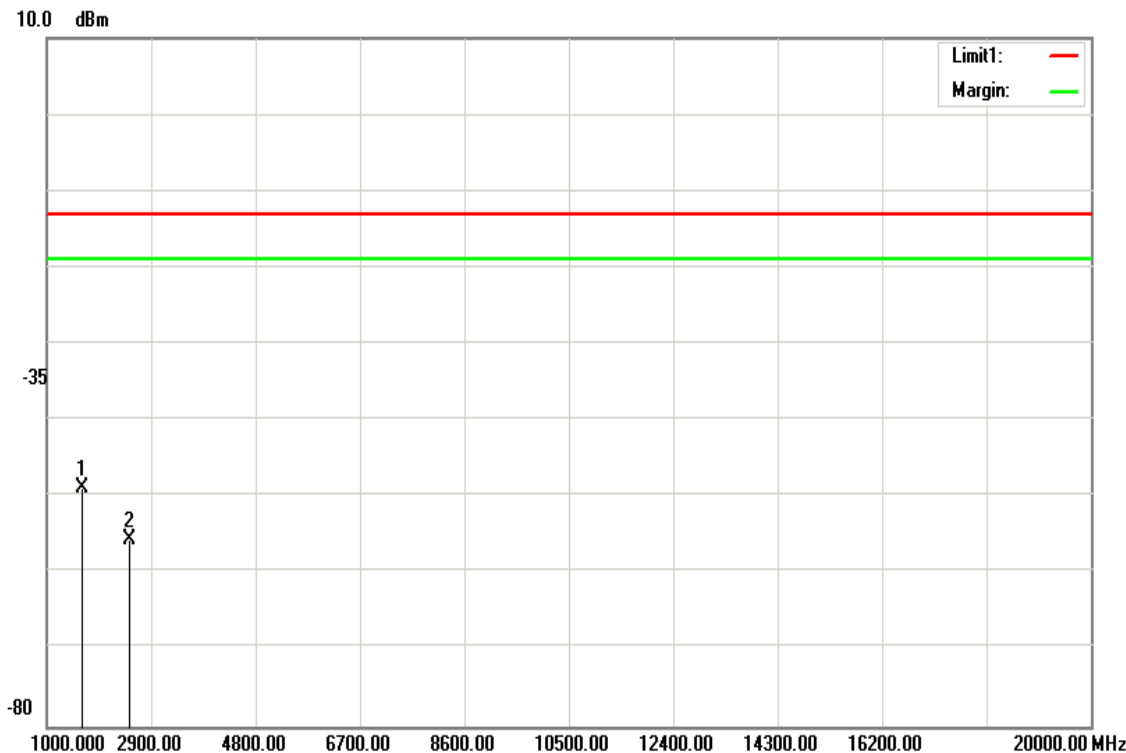
Test Date: May 20, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1644.000	-49.77	5.04	6.04	-48.77	-13.00	-35.77	H
2519.000	-55.46	6.38	6.15	-55.69	-13.00	-42.69	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC0 / TX / CH 384

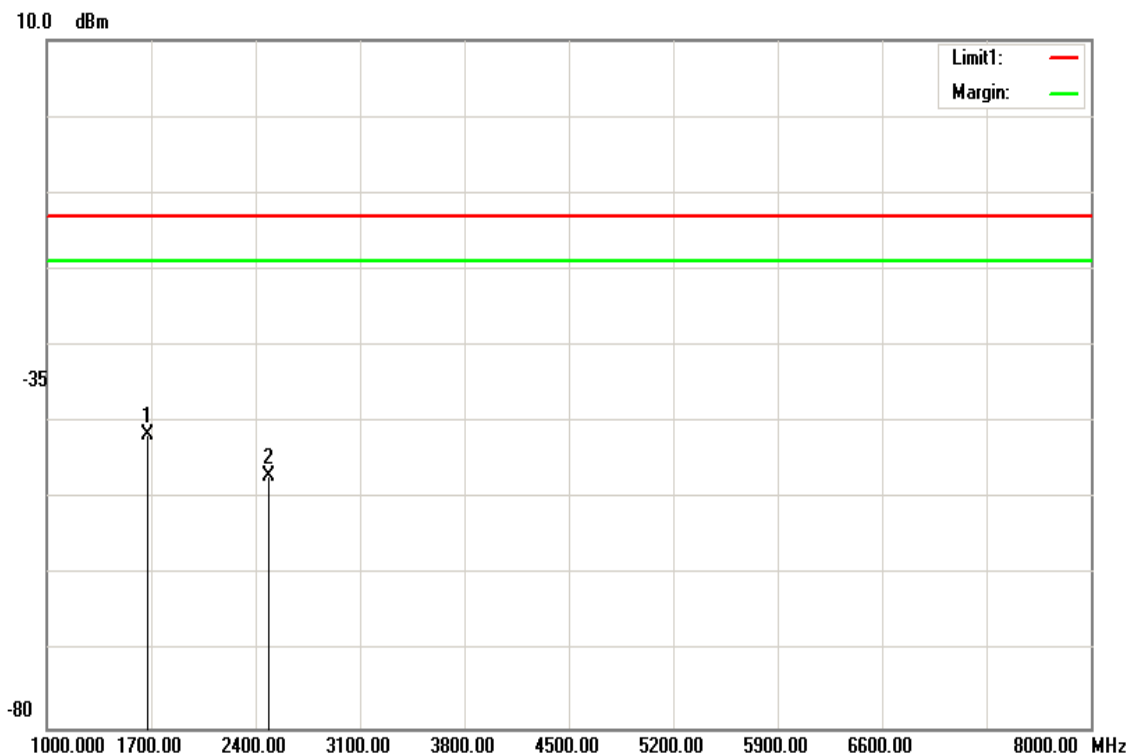
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1672.000	-42.53	5.07	5.99	-41.61	-13.00	-28.61	V
2491.000	-46.87	6.33	6.09	-47.11	-13.00	-34.11	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC0 / TX / CH 384

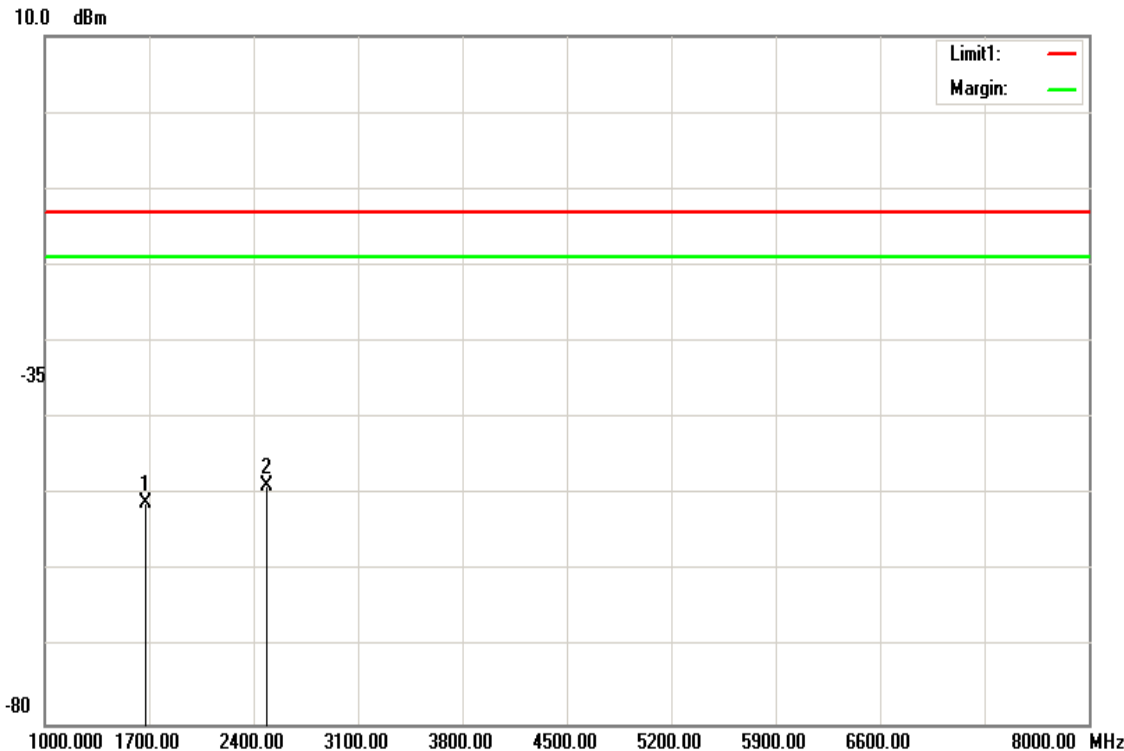
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1672.000	-51.93	5.07	5.99	-51.01	-13.00	-38.01	H
2491.000	-48.67	6.33	6.09	-48.91	-13.00	-35.91	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC0 / TX / CH 777

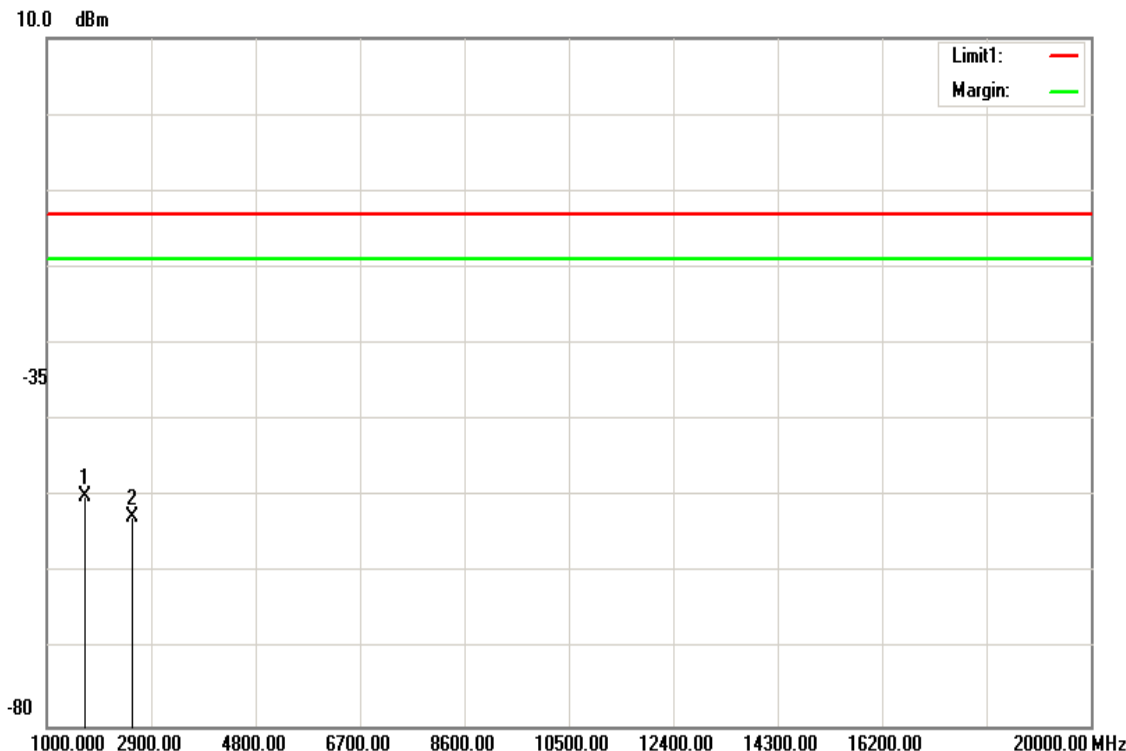
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1693.000	-50.83	5.1	5.95	-49.98	-13.00	-36.98	V
2547.000	-52.36	6.42	6.22	-52.56	-13.00	-39.56	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC0 / TX / CH 777

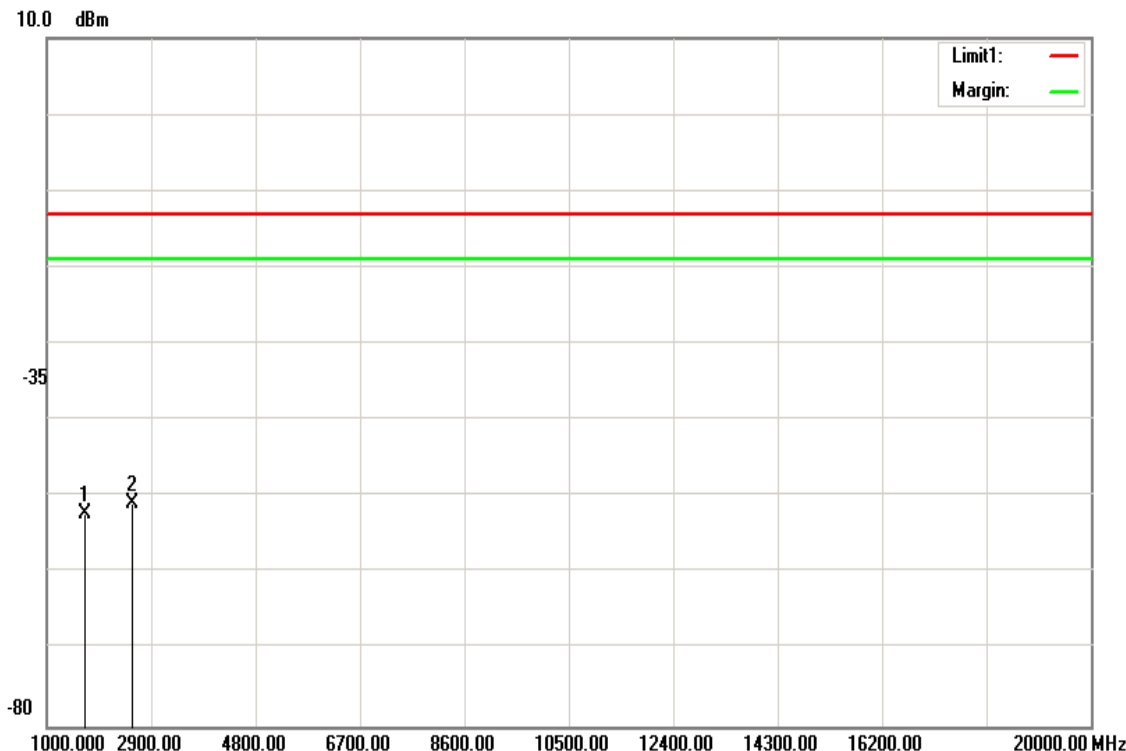
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.

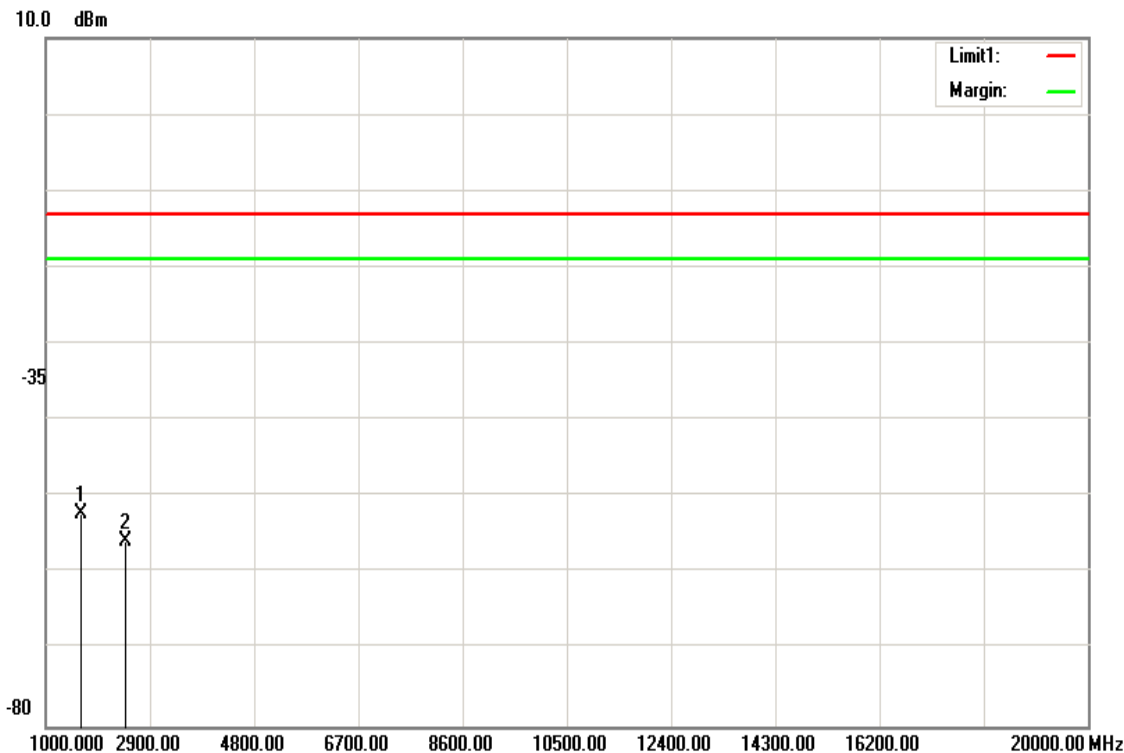


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1693.000	-53.12	5.1	5.95	-52.27	-13.00	-39.27	H
2547.000	-50.68	6.42	6.22	-50.88	-13.00	-37.88	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC0 / TX / CH 1013 **Test Date:** May 26, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2 % RH **Polarity:** Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1651.000	-53.23	5.05	6.03	-52.25	-13.00	-39.25	V
2456.000	-55.53	6.28	6.04	-55.77	-13.00	-42.77	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC0 / TX / CH 1013

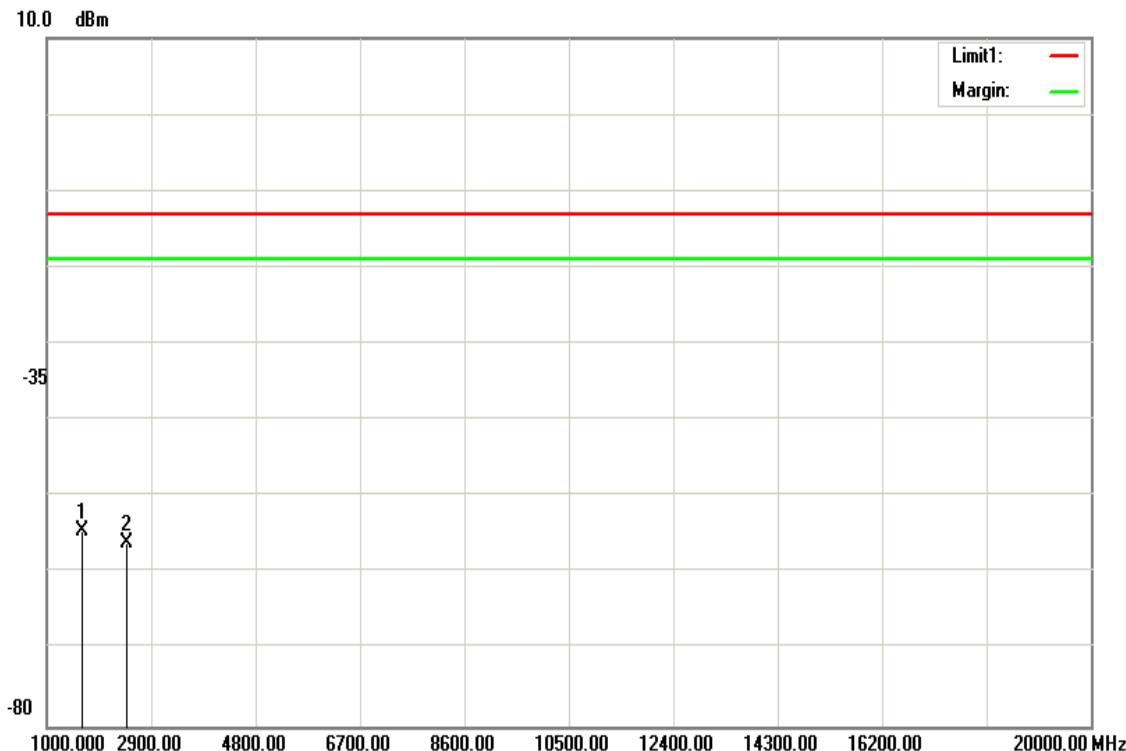
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1651.000	-55.41	5.05	6.03	-54.43	-13.00	-41.43	H
2456.000	-55.76	6.28	6.04	-56.00	-13.00	-43.00	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC1 / TX / CH 25

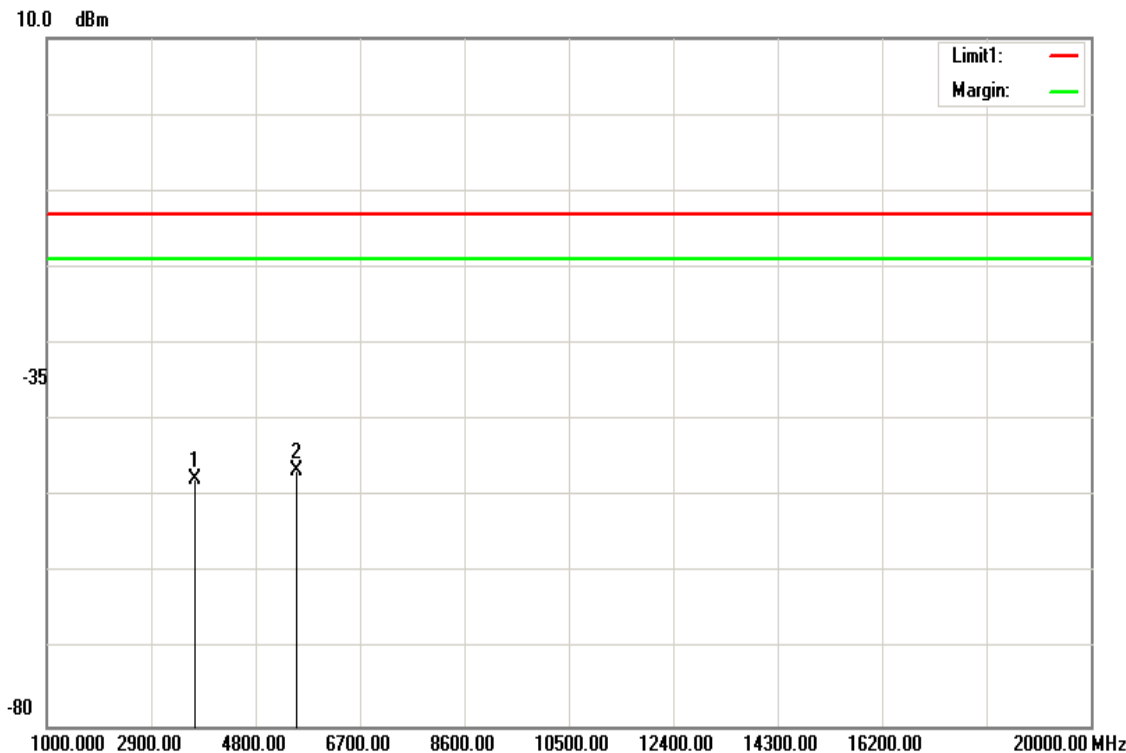
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3702.000	-48.53	8.2	9.1	-47.63	-13.00	-34.63	V
5557.000	-47.35	10.08	10.81	-46.62	-13.00	-33.62	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with "N/A" remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC1 / TX / CH 25

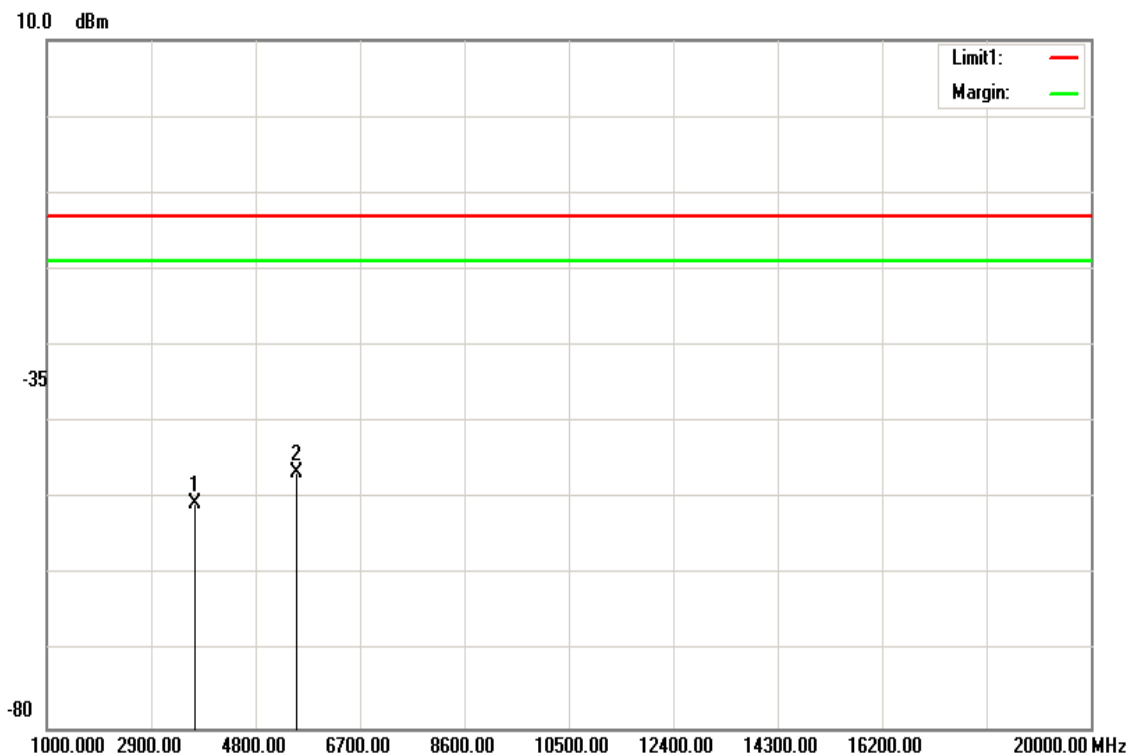
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3702.000	-51.61	8.2	9.1	-50.71	-13.00	-37.71	H
5557.000	-47.23	10.08	10.81	-46.50	-13.00	-33.50	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC1 / TX / CH 600

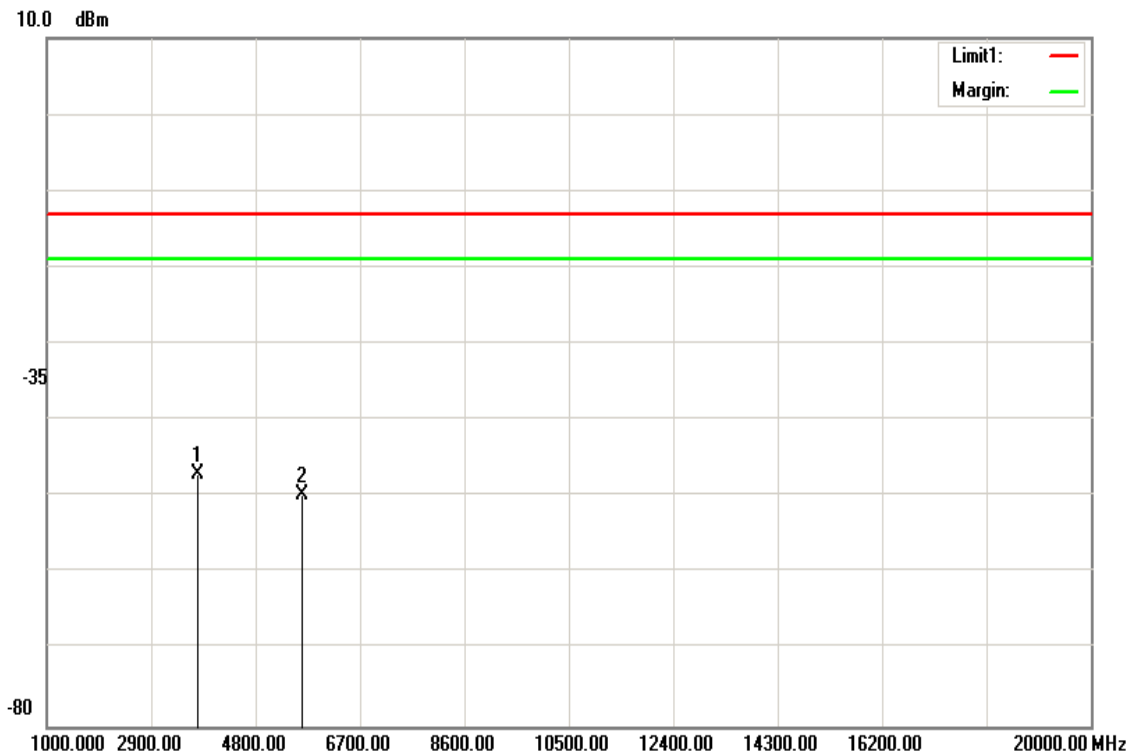
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3758.000	-47.94	8.23	9.16	-47.01	-13.00	-34.01	V
5641.000	-50.28	10.18	10.83	-49.63	-13.00	-36.63	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC1 / TX / CH 600

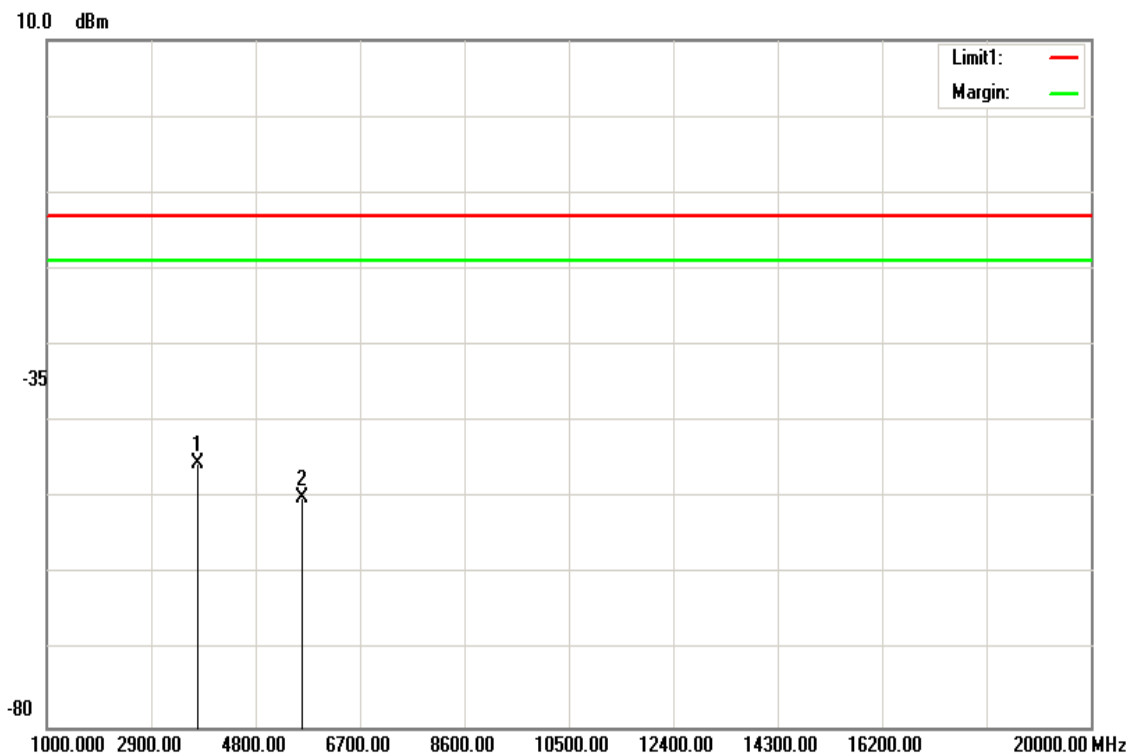
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3758.000	-46.28	8.23	9.16	-45.35	-13.00	-32.35	H
5641.000	-50.68	10.18	10.83	-50.03	-13.00	-37.03	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC1 / TX / CH 1175

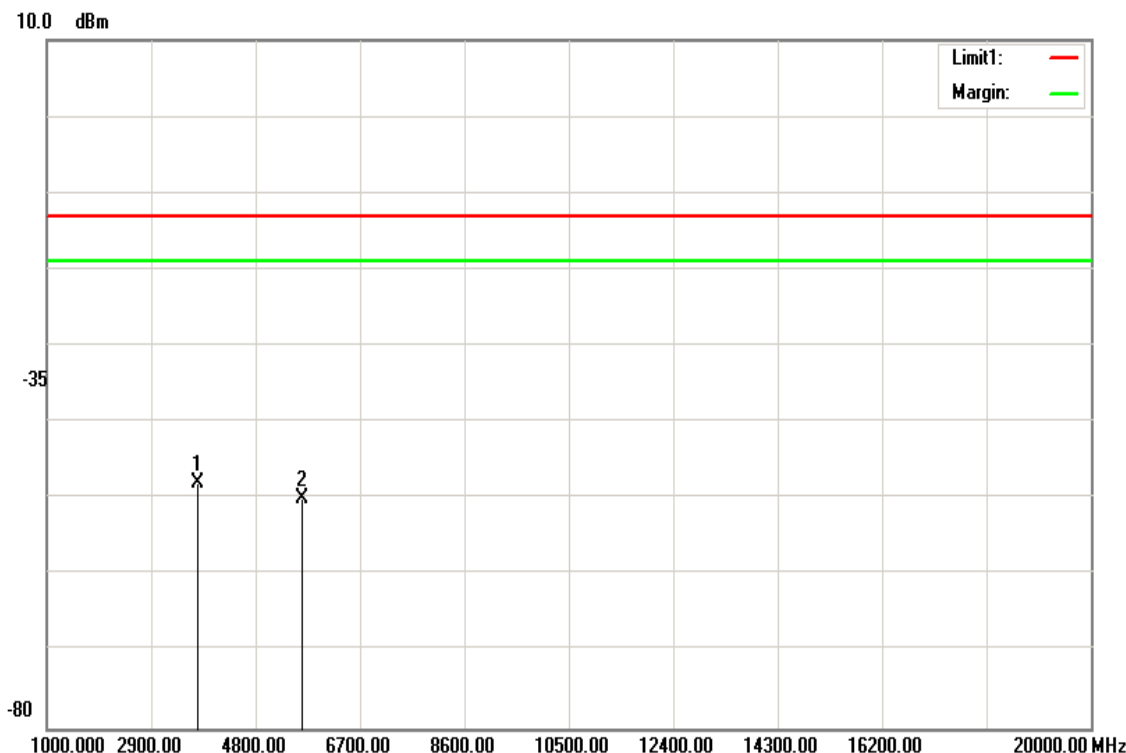
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3758.000	-48.81	8.23	9.16	-47.88	-13.00	-34.88	V
5641.000	-50.62	10.18	10.83	-49.97	-13.00	-36.97	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC1 / TX / CH 1175

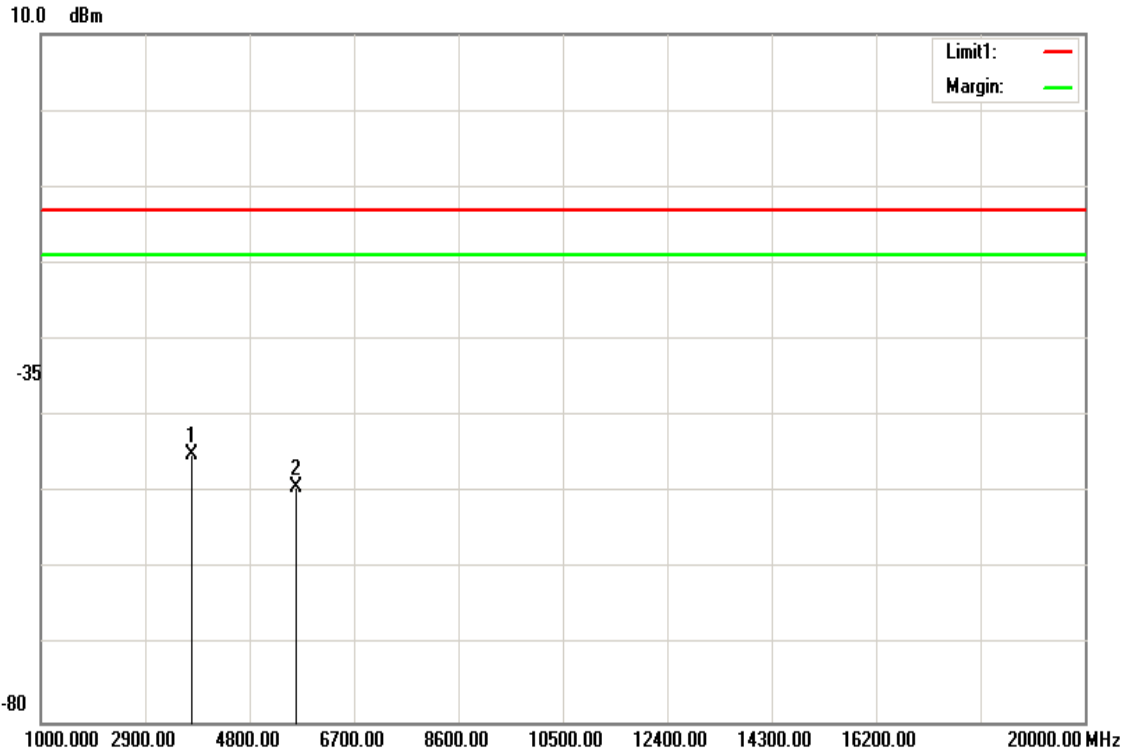
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.

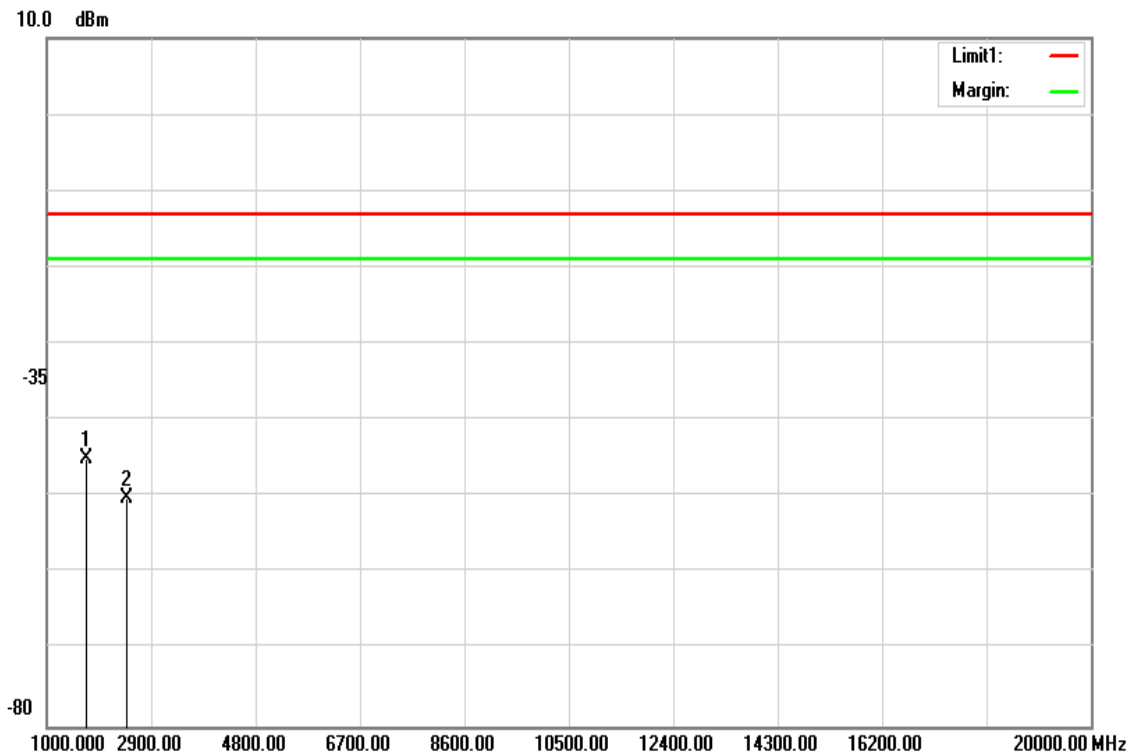


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3758.000	-45.85	8.23	9.16	-44.92	-13.00	-31.92	H
5641.000	-49.95	10.18	10.83	-49.30	-13.00	-36.30	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC10 / TX / CH 476 **Test Date:** May 26, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2 % RH **Polarity:** Ver.

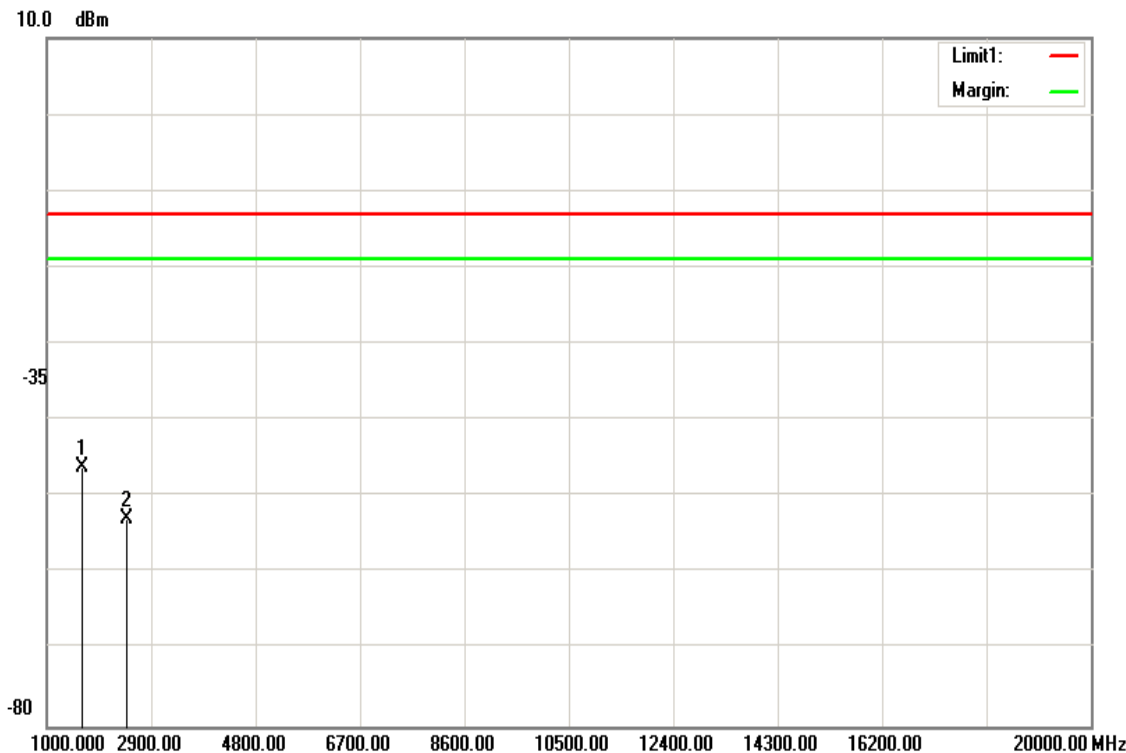


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1728.000	-45.82	5.16	5.89	-45.09	-13.00	-32.09	V
2456.000	-49.86	6.28	6.04	-50.10	-13.00	-37.10	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with "N/A" remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC10 / TX / CH 476 **Test Date:** May 26, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2 % RH **Polarity:** Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1637.000	-47.1	5.03	6.05	-46.08	-13.00	-33.08	H
2456.000	-52.65	6.28	6.04	-52.89	-13.00	-39.89	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC10 / TX / CH 580

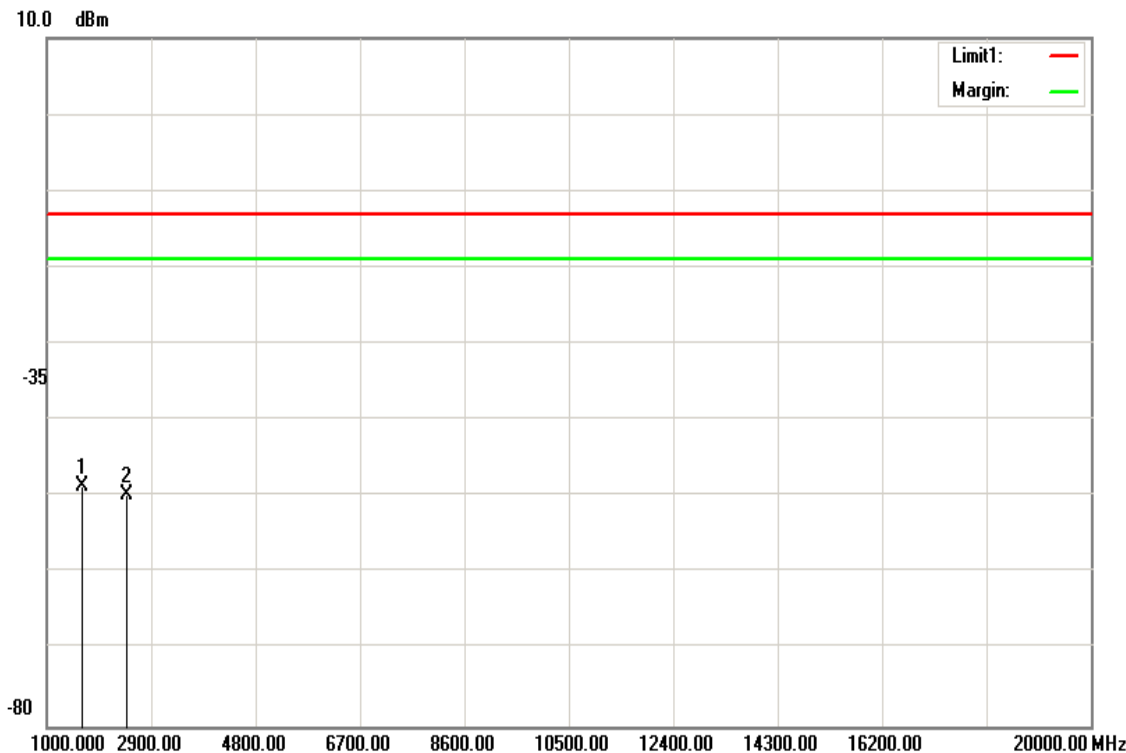
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1644.000	-49.52	5.04	6.04	-48.52	-13.00	-35.52	V
2463.000	-49.59	6.29	6.05	-49.83	-13.00	-36.83	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC10 / TX / CH 580

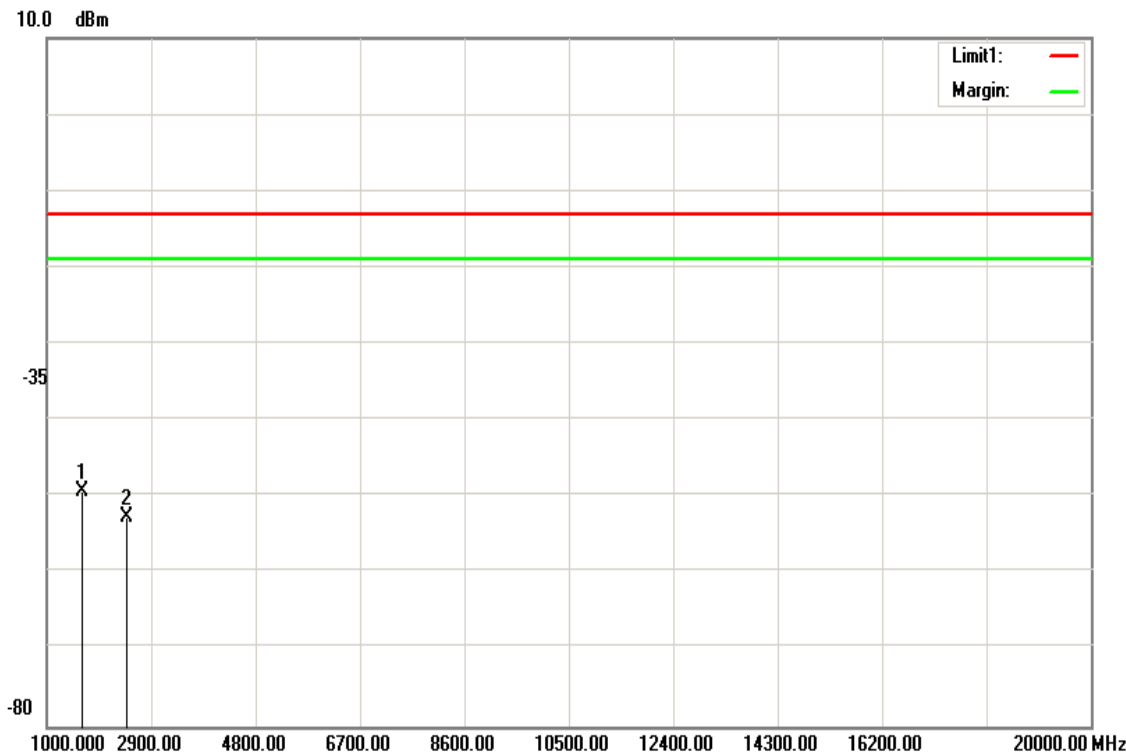
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1644.000	-50.32	5.04	6.04	-49.32	-13.00	-36.32	H
2463.000	-52.42	6.29	6.05	-52.66	-13.00	-39.66	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC10 / TX / CH 684

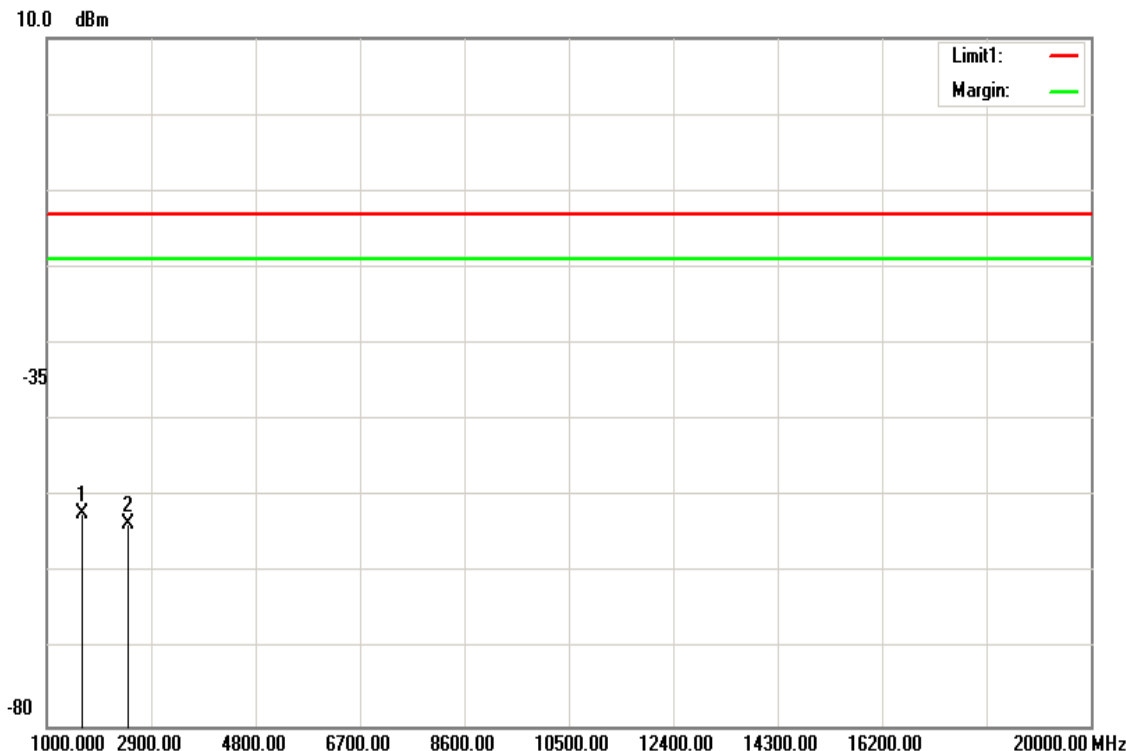
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Ver.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1644.000	-53.22	5.04	6.04	-52.22	-13.00	-39.22	V
2470.000	-53.39	6.3	6.06	-53.63	-13.00	-40.63	V
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: 1xEVDO Rev.A / BC10 / TX / CH 684

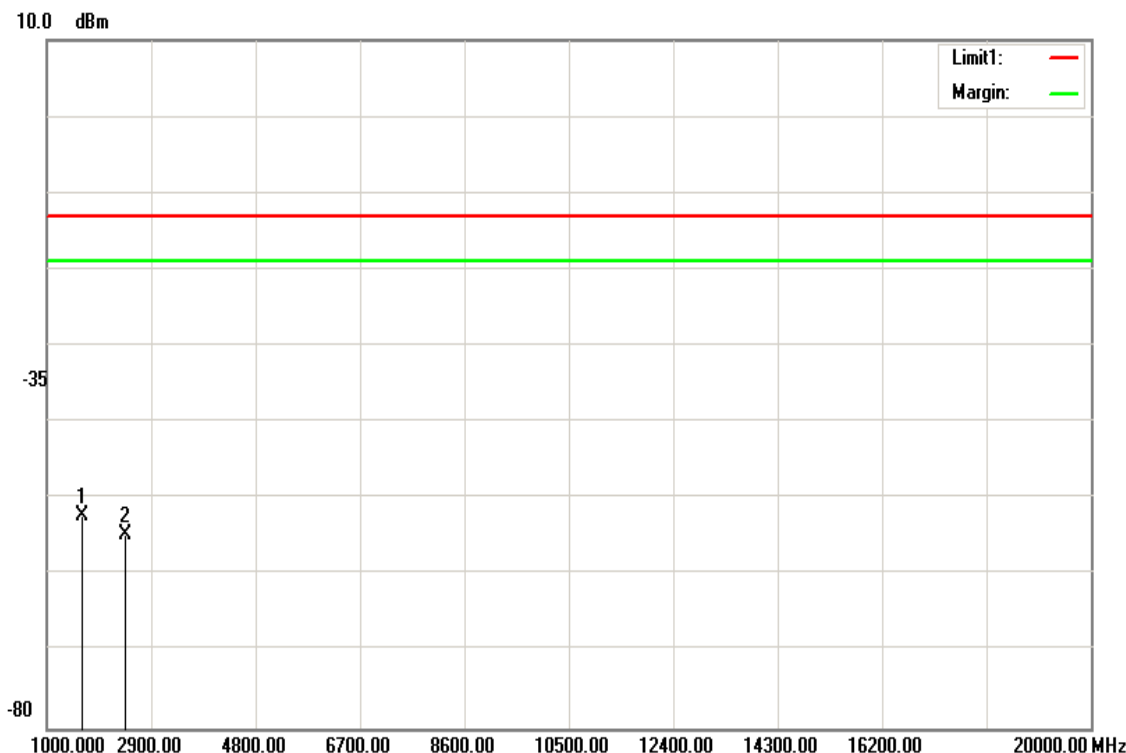
Test Date: May 26, 2016

Temperature: 22.6°C

Tested by: Dennis Li

Humidity: 57.2 % RH

Polarity: Hor.



Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1644.000	-53.28	5.04	6.04	-52.28	-13.00	-39.28	H
2435.000	-54.5	6.24	6.01	-54.73	-13.00	-41.73	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

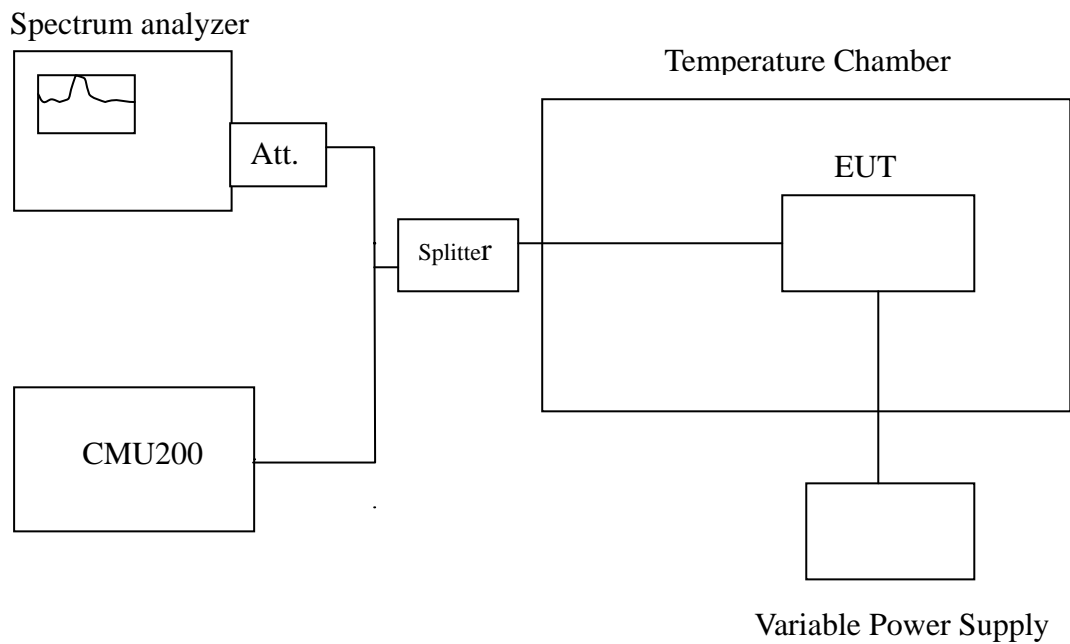
7.7 FREQUENCY STABILITY V.S. TEMPERATURE MEASUREMENT

LIMIT

According to FCC §2.1055, FCC §24.235.

Frequency Tolerance: 2.5 ppm

Test Configuration



Remark: Measurement setup for testing on Antenna connector

TEST PROCEDURE

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

TEST RESULTS

No non-compliance noted.

CDMA

Reference Frequency:		848.31 MHz		1880 MHz		820.5 MHz		-
Limit: +/- 2.5 ppm		2121 Hz		4700 Hz		2051.25 Hz		-
Power Supply Vdc	Environment Temperature (°C)	(BC0) Frequency Error (Hz)	Frequency Error (ppm)	(BC1) Frequency Error (Hz)	Frequency Error (ppm)	(BC10) Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
12	50	-15.93	-0.0188	-12.34	-0.0066	-12.22	-0.0149	2.5
	40	-12.77	-0.0151	-12.84	-0.0068	-12.63	-0.0154	
	30	-13.38	-0.0158	-6.12	-0.0033	-7.44	-0.0091	
	20	-10.17	-0.0120	-10.42	-0.0055	-10.12	-0.0123	
	10	-9.13	-0.0108	-10.48	-0.0056	-11.03	-0.0134	
	0	-10.25	-0.0121	-9.86	-0.0052	-11.46	-0.0140	
	-10	-5.44	-0.0064	-7.87	-0.0042	5.53	0.0067	
	-20	-6.59	-0.0078	-8.16	-0.0043	-6.02	-0.0073	
-30	-6.23	-0.0073	4.41	0.0023	-6.89	-0.0084		

1xRTT

Reference Frequency:		848.31 MHz		1880 MHz		820.5 MHz		-
Limit: +/- 2.5 ppm		2121 Hz		4700 Hz		2051.25 Hz		-
Power Supply Vdc	Environment Temperature (°C)	(BC0) Frequency Error (Hz)	Frequency Error (ppm)	(BC1) Frequency Error (Hz)	Frequency Error (ppm)	(BC10) Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
12	50	-5.16	-0.0061	-5.40	-0.0029	-6.72	-0.0082	2.5
	40	-6.89	-0.0081	3.61	0.0019	-5.20	-0.0063	
	30	-6.23	-0.0073	-1.27	-0.0007	-6.26	-0.0076	
	20	-7.87	-0.0093	-5.44	-0.0029	5.53	0.0067	
	10	-8.16	-0.0096	-6.59	-0.0035	-6.02	-0.0073	
	0	4.41	0.0052	-6.23	-0.0033	-6.89	-0.0084	
	-10	-10.12	-0.0119	-10.42	-0.0055	-10.17	-0.0124	
	-20	-11.03	-0.0130	-10.48	-0.0056	-9.13	-0.0111	
-30	-11.46	-0.0135	-9.86	-0.0052	-10.25	-0.0125		

1xEVDO Rev.0

Reference Frequency:		848.31 MHz		1880 MHz		820.5 MHz		-
Limit: +/- 2.5 ppm		2121 Hz		4700 Hz		2051.25 Hz		-
Power Supply Vdc	Environment Temperature (°C)	(BC0) Frequency Error (Hz)	Frequency Error (ppm)	(BC1) Frequency Error (Hz)	Frequency Error (ppm)	(BC10) Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
12	50	-5.16	-0.0061	-5.40	-0.0029	-6.72	-0.0082	2.5
	40	-6.89	-0.0081	3.61	0.0019	-5.20	-0.0063	
	30	-6.23	-0.0073	-1.27	-0.0007	-6.26	-0.0076	
	20	-7.87	-0.0093	-5.44	-0.0029	5.53	0.0067	
	10	-8.16	-0.0096	-6.59	-0.0035	-6.02	-0.0073	
	0	4.41	0.0052	-6.23	-0.0033	-6.89	-0.0084	
	-10	-10.12	-0.0119	-10.42	-0.0055	-10.17	-0.0124	
	-20	-11.03	-0.0130	-10.48	-0.0056	-9.13	-0.0111	
-30	-11.46	-0.0135	-9.86	-0.0052	-10.25	-0.0125		

1xEVDO Rev.A

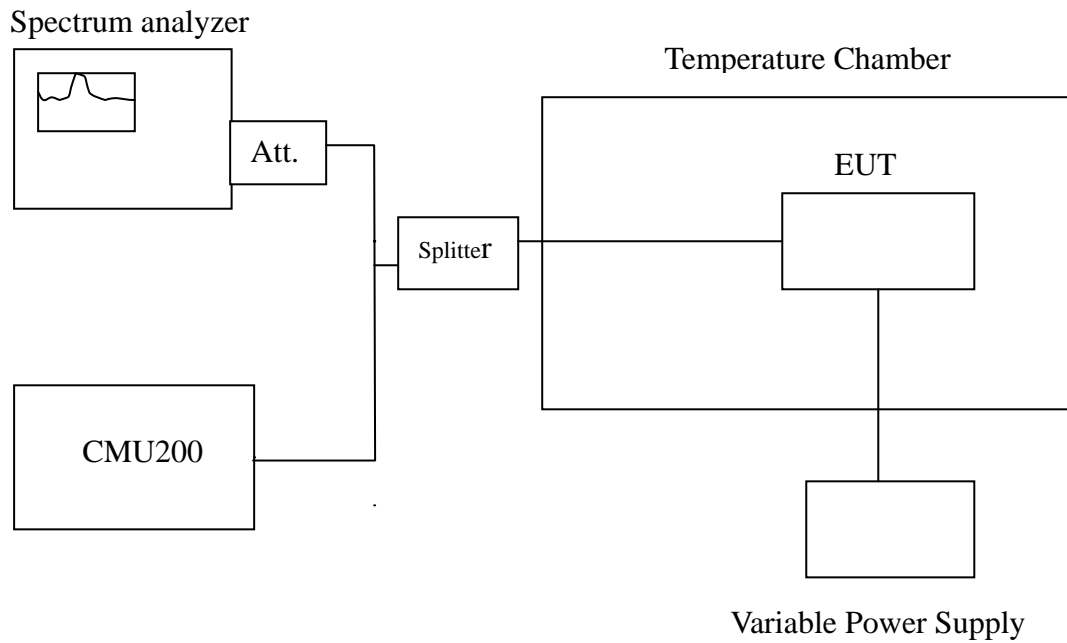
Reference Frequency:		848.31 MHz		1880 MHz		820.5 MHz		-
Limit: +/- 2.5 ppm		2121 Hz		4700 Hz		2051.25 Hz		-
Power Supply Vdc	Environment Temperature (°C)	(BC0) Frequency Error (Hz)	Frequency Error (ppm)	(BC1) Frequency Error (Hz)	Frequency Error (ppm)	(BC10) Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
12	50	-15.93	-0.0188	-12.34	-0.0066	-12.22	-0.0149	2.5
	40	-12.77	-0.0151	-12.84	-0.0068	-12.63	-0.0154	
	30	-13.38	-0.0158	-6.12	-0.0033	-7.44	-0.0091	
	20	-10.17	-0.0120	-10.42	-0.0055	-10.12	-0.0123	
	10	-9.13	-0.0108	-10.48	-0.0056	-11.03	-0.0134	
	0	-10.25	-0.0121	-9.86	-0.0052	-11.46	-0.0140	
	-10	-5.44	-0.0064	-7.87	-0.0042	5.53	0.0067	
	-20	-6.59	-0.0078	-8.16	-0.0043	-6.02	-0.0073	
-30	-6.23	-0.0073	4.41	0.0023	-6.89	-0.0084		

7.8 FREQUENCY STABILITY V.S. VOLTAGE MEASUREMENT

LIMIT

According to FCC §2.1055, FCC §24.235,
Frequency Tolerance: 2.5 ppm.

Test Configuration



Remark: Measurement setup for testing on Antenna connector.

TEST PROCEDURE

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation ($\pm 15\%$) and endpoint, record the maximum frequency change.

TEST RESULTS

No non-compliance noted.

CDMA

Reference Frequency:		848.31 MHz		1880 MHz		820.5 MHz		-
Limit: +/- 2.5 ppm		2121 Hz		4700 Hz		2051.25 Hz		-
Power Supply Vdc	Environment Temperature (°C)	(BC0) Frequency Error (Hz)	Frequency Error (ppm)	(BC1) Frequency Error (Hz)	Frequency Error (ppm)	(BC10) Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
10.2	20	-11.11	-0.0131	-10.98	-0.0058	-10.58	-0.0129	2.5
12		-10.17	-0.0120	-10.42	-0.0055	-10.12	-0.0123	
13.8		-10.69	-0.0126	-11.17	-0.0059	-10.69	-0.0130	

1xRTT

Reference Frequency:		848.31 MHz		1880 MHz		820.5 MHz		-
Limit: +/- 2.5 ppm		2121 Hz		4700 Hz		2051.25 Hz		-
Power Supply Vdc	Environment Temperature (°C)	(BC0) Frequency Error (Hz)	Frequency Error (ppm)	(BC1) Frequency Error (Hz)	Frequency Error (ppm)	(BC10) Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
10.2	20	-8.25	-0.0097	-6.58	-0.0035	-6.32	-0.0077	2.5
12		-7.87	-0.0093	-5.44	-0.0029	-5.53	-0.0067	
13.8		-9.51	-0.0112	-5.89	-0.0031	-7.41	-0.0090	

1xEVDO Rev.0

Reference Frequency:		848.31 MHz		1880 MHz		820.5 MHz		-
Limit: +/- 2.5 ppm		2121 Hz		4700 Hz		2051.25 Hz		-
Power Supply Vdc	Environment Temperature (°C)	(BC0) Frequency Error (Hz)	Frequency Error (ppm)	(BC1) Frequency Error (Hz)	Frequency Error (ppm)	(BC10) Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
10.2	20	-8.25	-0.0097	-6.58	-0.0035	-6.32	-0.0077	2.5
12		-7.87	-0.0093	-5.44	-0.0029	-5.53	-0.0067	
13.8		-9.51	-0.0112	-5.89	-0.0031	-7.41	-0.0090	

1xEVDO Rev.A

Reference Frequency:		848.31 MHz		1880 MHz		820.5 MHz		-
Limit: +/- 2.5 ppm		2121 Hz		4700 Hz		2051.25 Hz		-
Power Supply Vdc	Environment Temperature (°C)	(BC0) Frequency Error (Hz)	Frequency Error (ppm)	(BC1) Frequency Error (Hz)	Frequency Error (ppm)	(BC10) Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
10.2	20	-11.11	-0.0131	-10.98	-0.0058	-10.58	-0.0129	2.5
12		-10.17	-0.0120	-10.42	-0.0055	-10.12	-0.0123	
13.8		-10.69	-0.0126	-11.17	-0.0059	-10.69	-0.0130	