

7.7 CONDUCTED SPURIOUS EMISSIONS

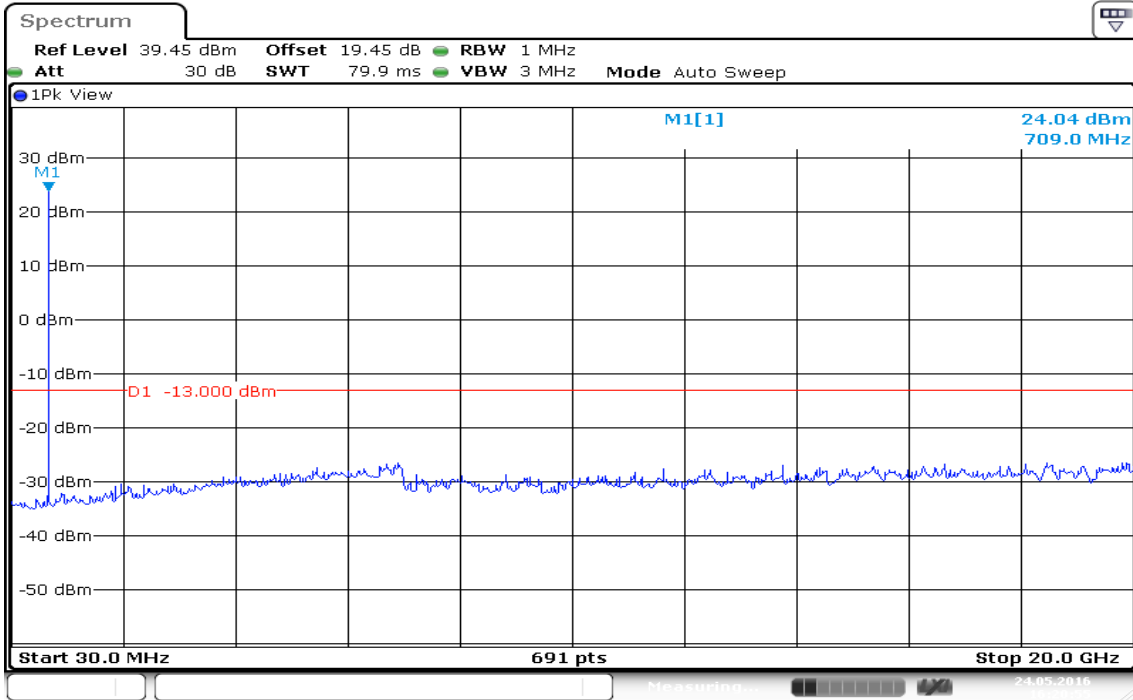
LIMITS

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission equal to -13dBm

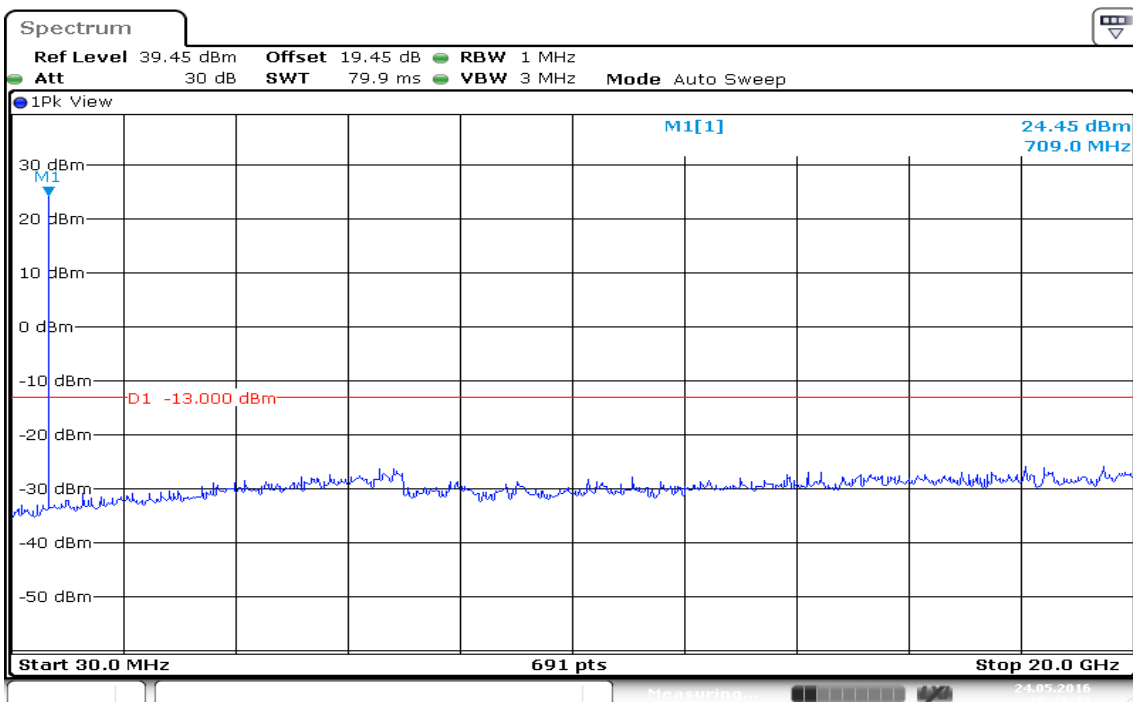
TEST PROCEDURES

1. The EUT was set up for the maximum peak power with LTE link data modulation. The power was measured with Spectrum Analyzer. All measurements were done at 3 channels (low, middle and high operational frequency range.).
2. The conducted spurious emission used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.
3. When the spectrum scanned from 30MHz to 3GHz, it shall be connected to the band reject filter attenuated the carried frequency. The spectrum set RB=1MHz, VB=3MHz.
4. When the spectrum scanned from 3GHz to 20GHz, it shall be connected to the high pass filter attenuated the carried frequency. The spectrum set RB=1MHz, VB=3MHz.

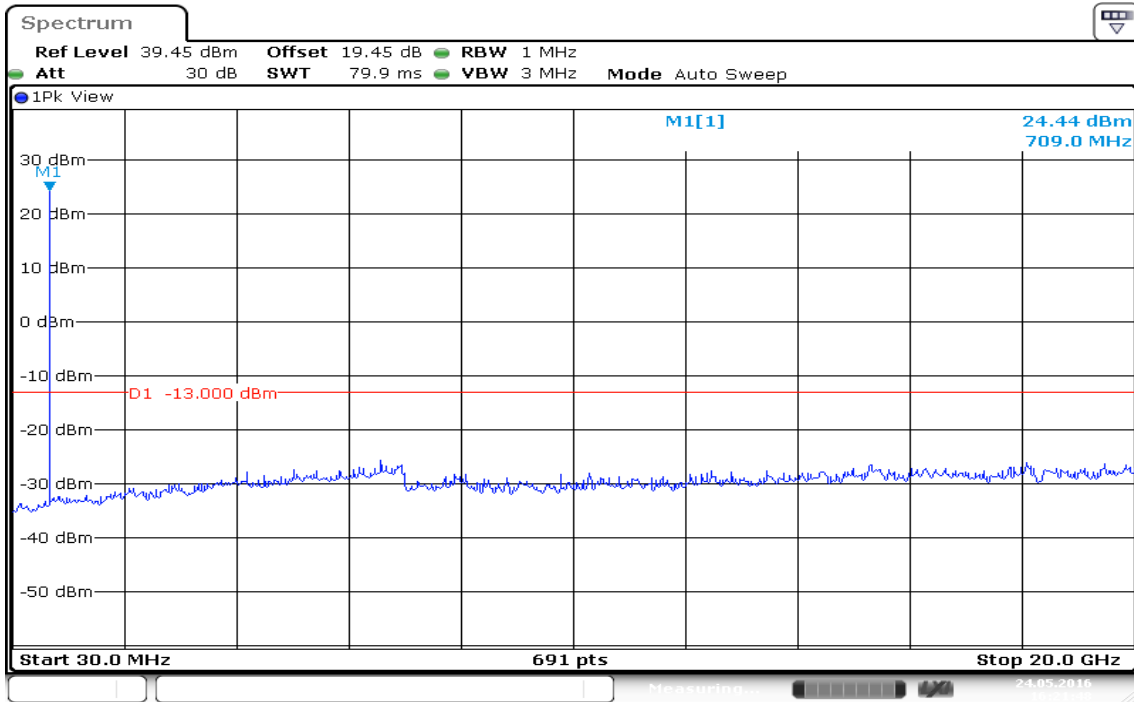
TEST RESULTS
LTE Band 17
CHANNEL BANDWIDTH: 5MHz / QPSK
CH Low



CH Mid



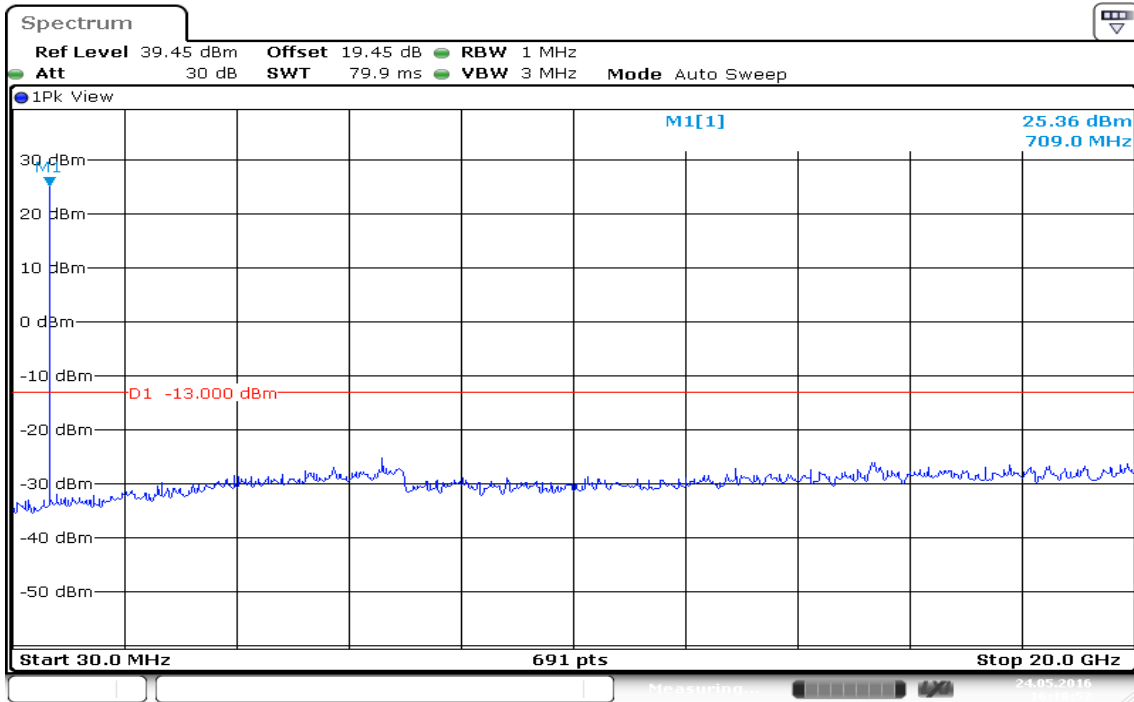
CH High



Date: 24.MAY.2016 16:21:48

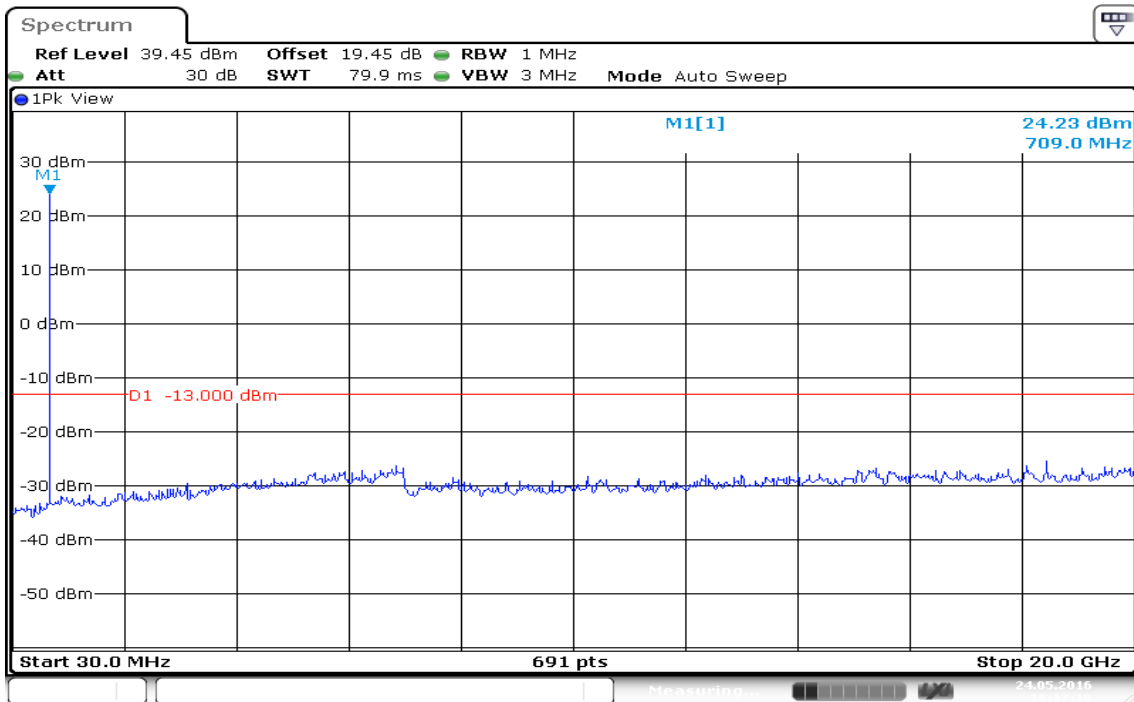
CHANNEL BANDWIDTH: 5MHz / 16QAM

CH Low



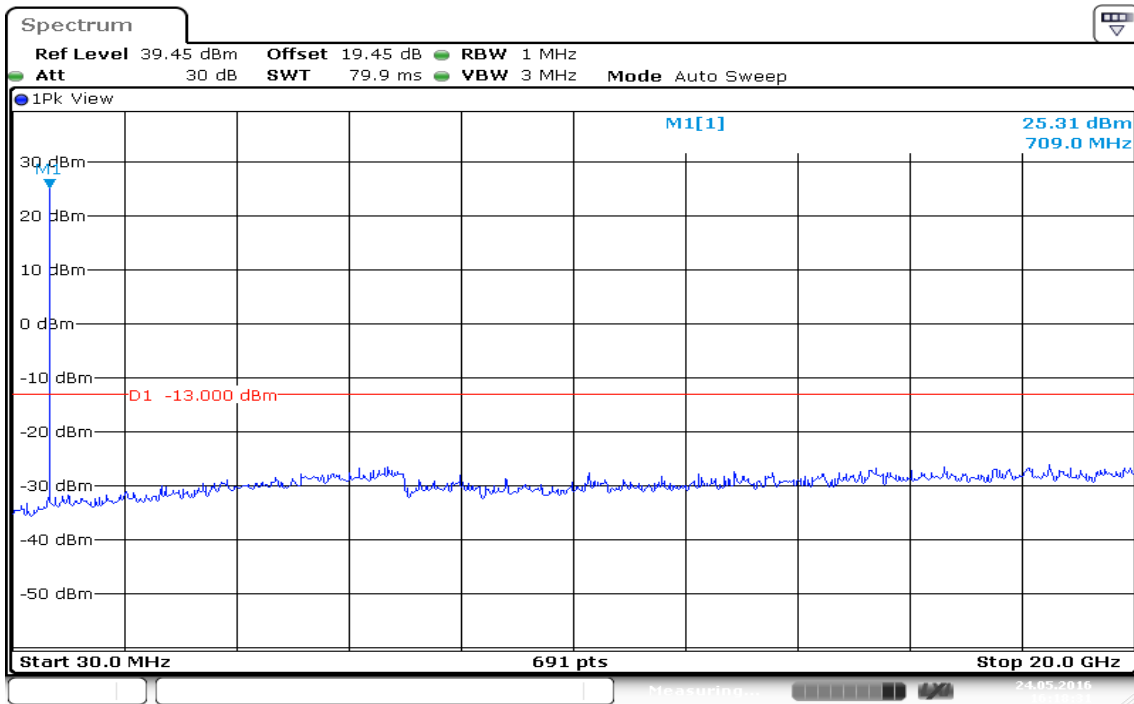
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CH Mid



Date: 24.MAY.2016 16:17:16

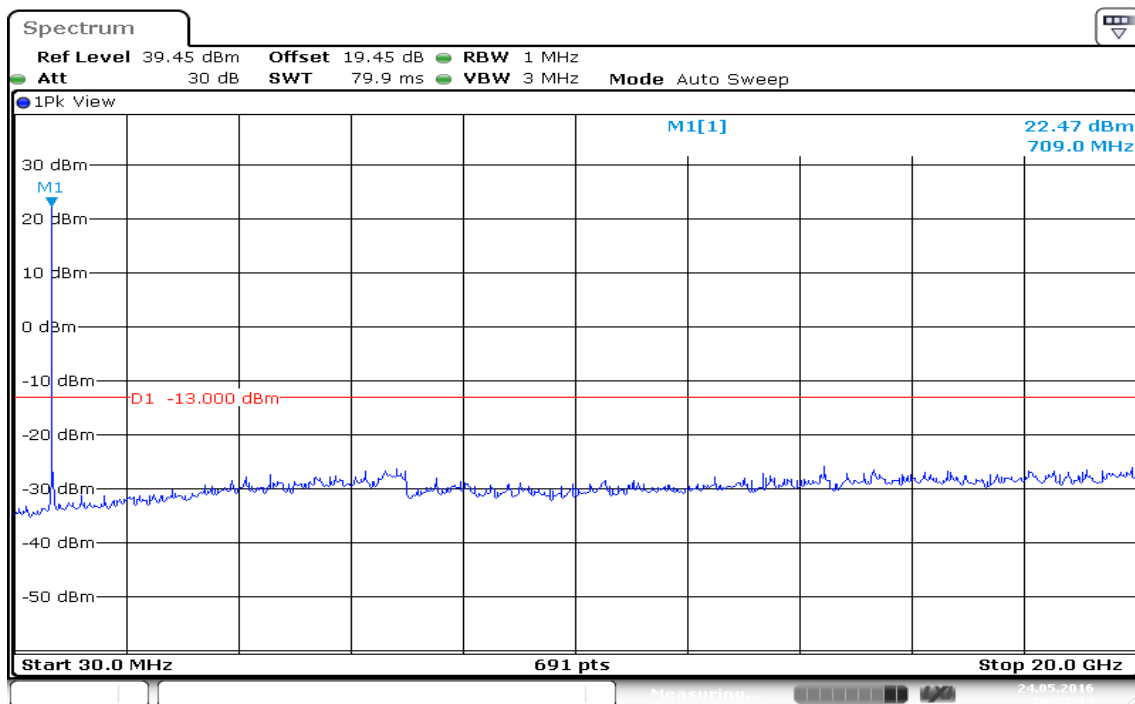
CH High



Date: 24.MAY.2016 16:18:31

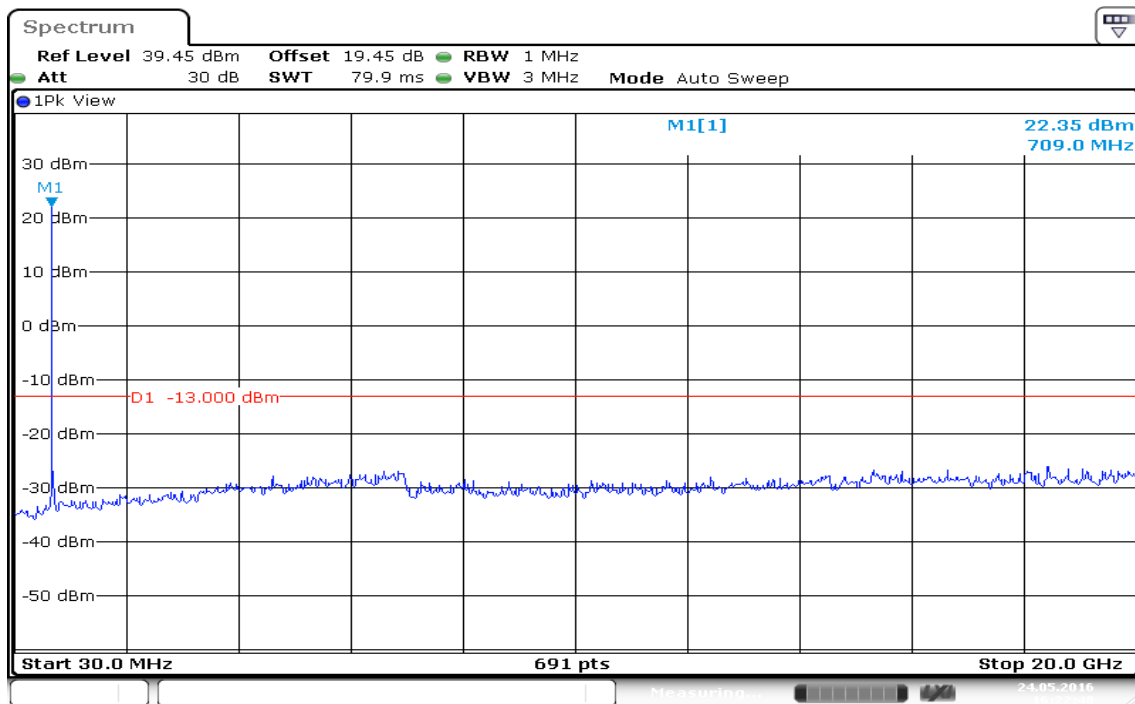
CHANNEL BANDWIDTH: 10MHz / QPSK

CH Low



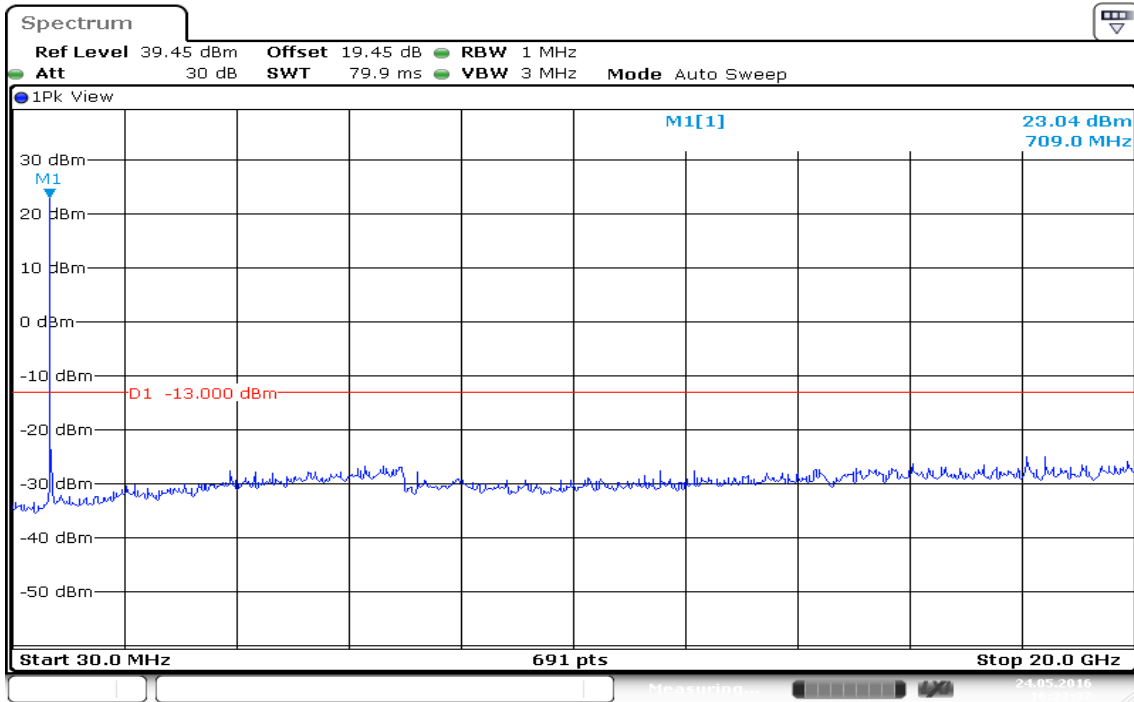
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CH Mid



Date: 24.MAY.2016 16:22:48

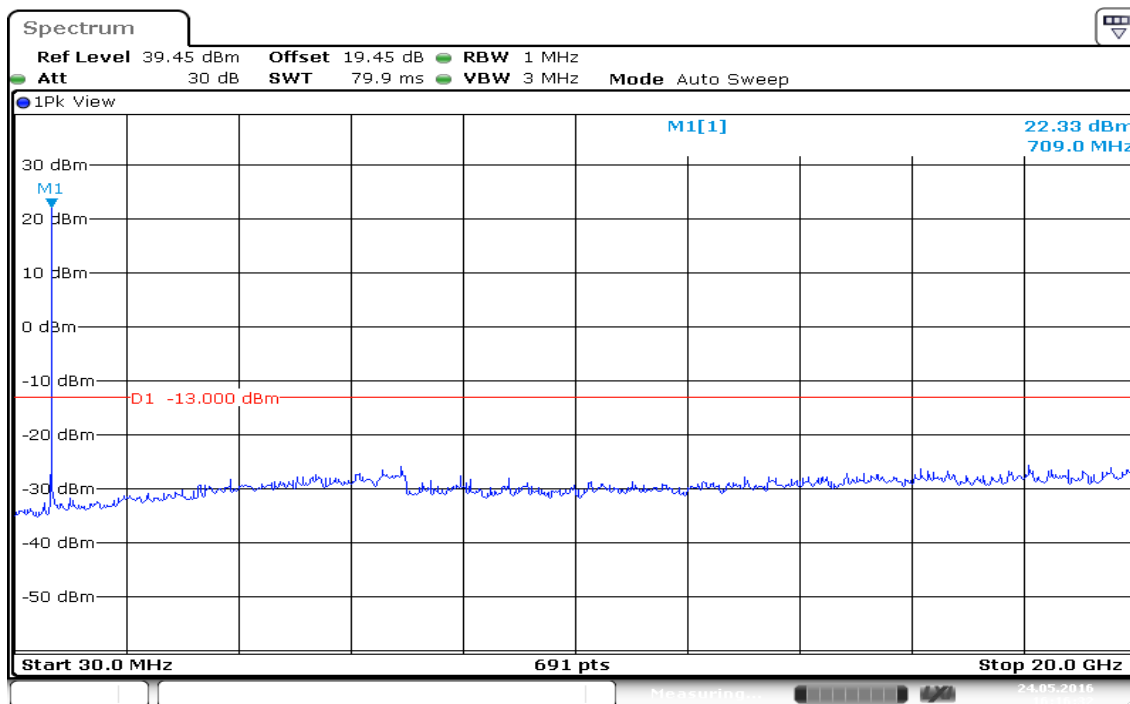
CH High



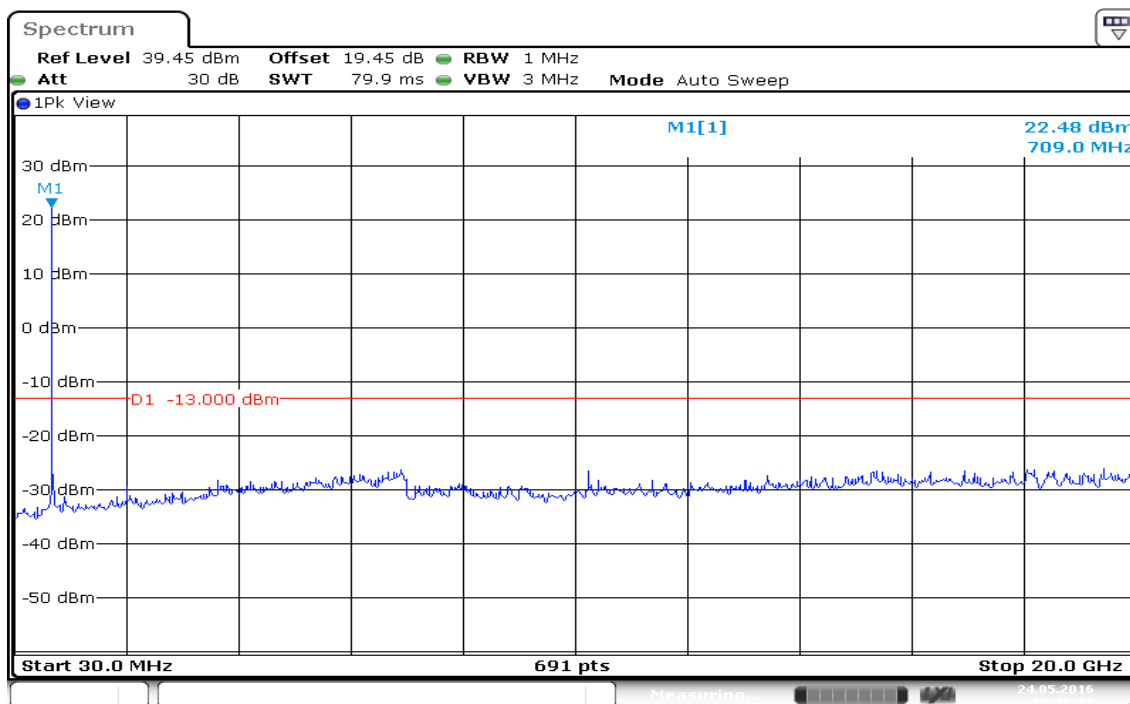
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CHANNEL BANDWIDTH: 10MHz / 16QAM

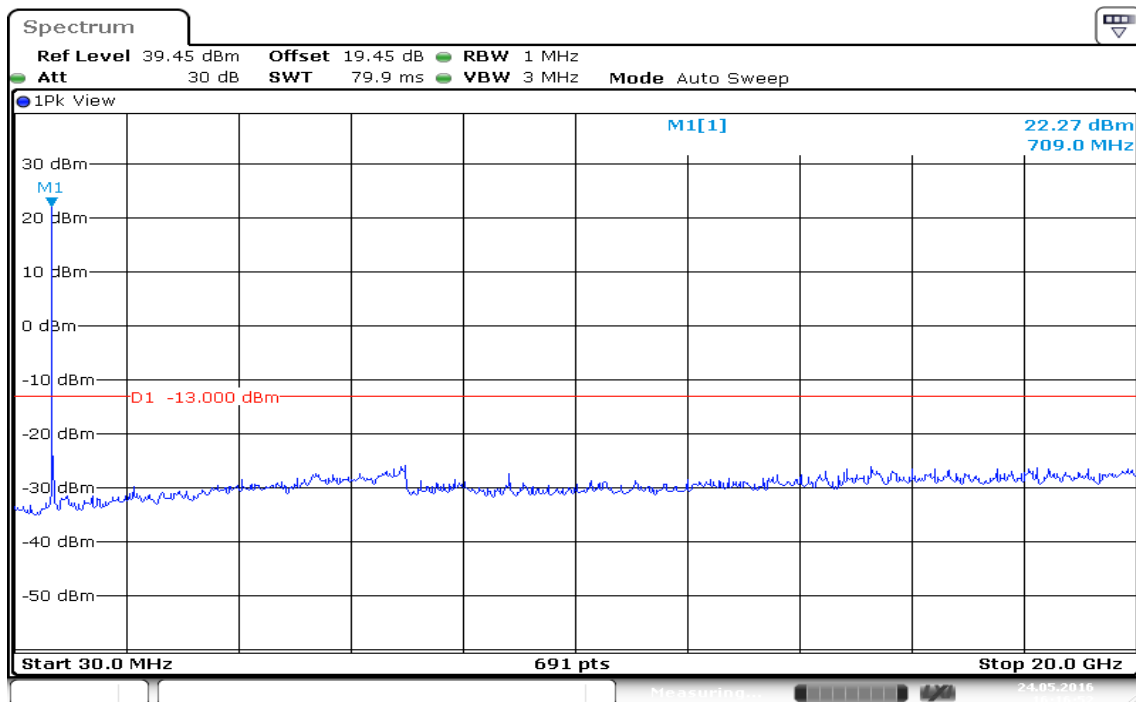
CH Low



CH Mid



CH High

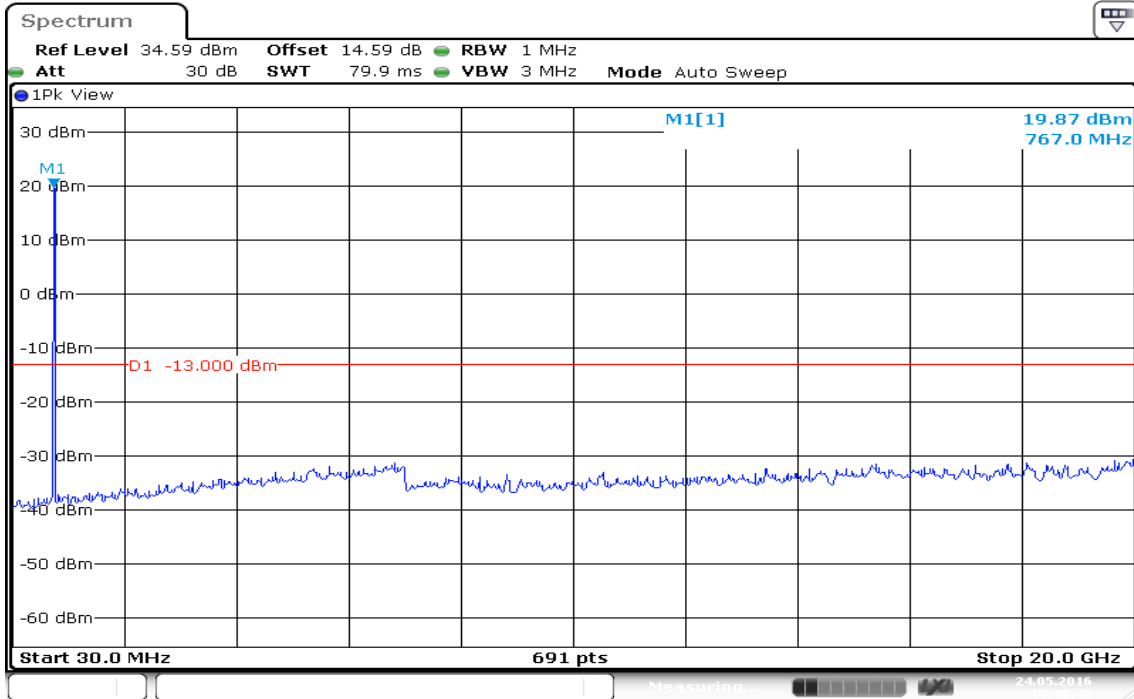


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LTE Band 13

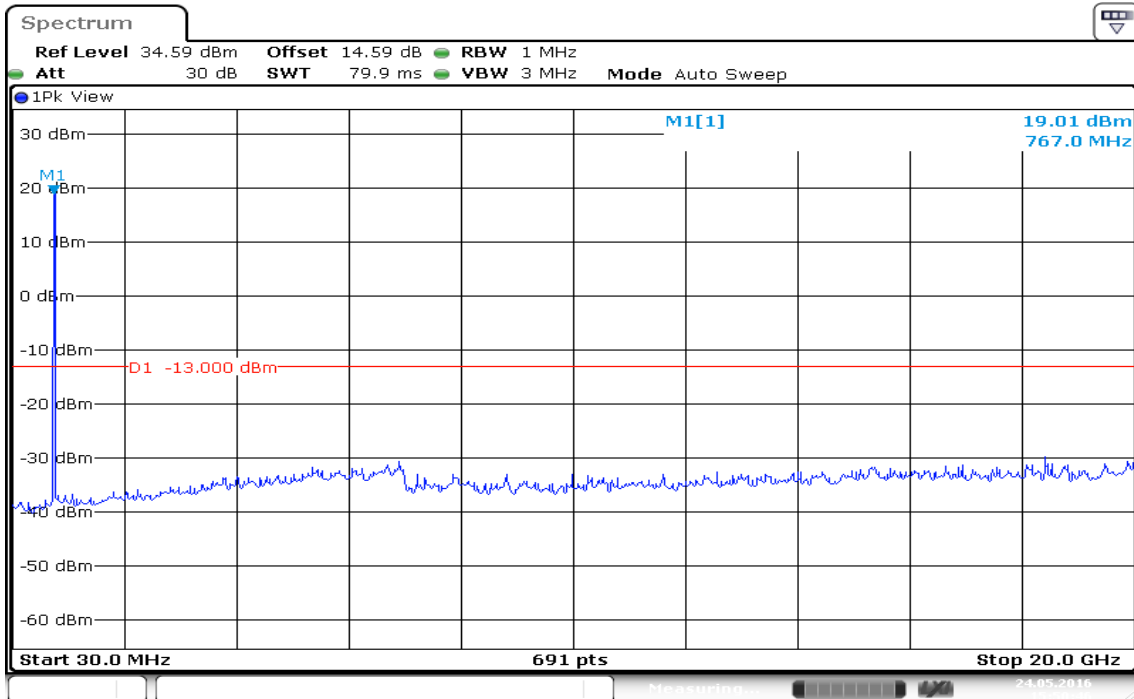
CHANNEL BANDWIDTH: 5MHz / QPSK

CH Low



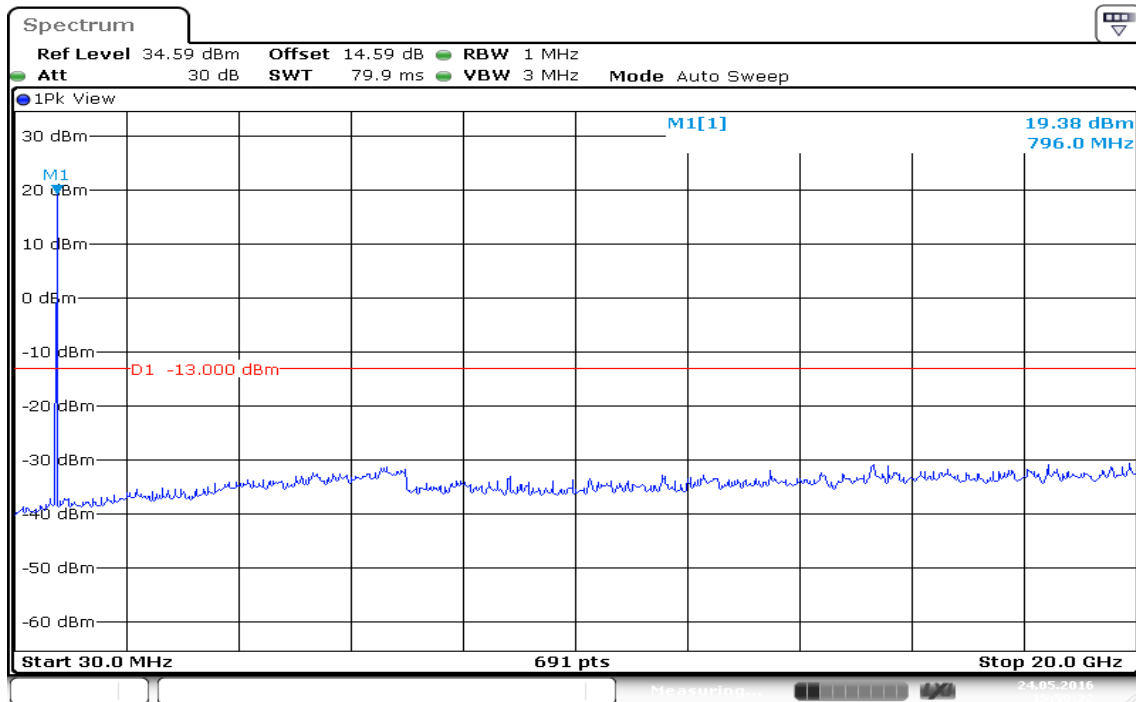
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CH Mid



Date: 24.MAY.2016 15:50:46

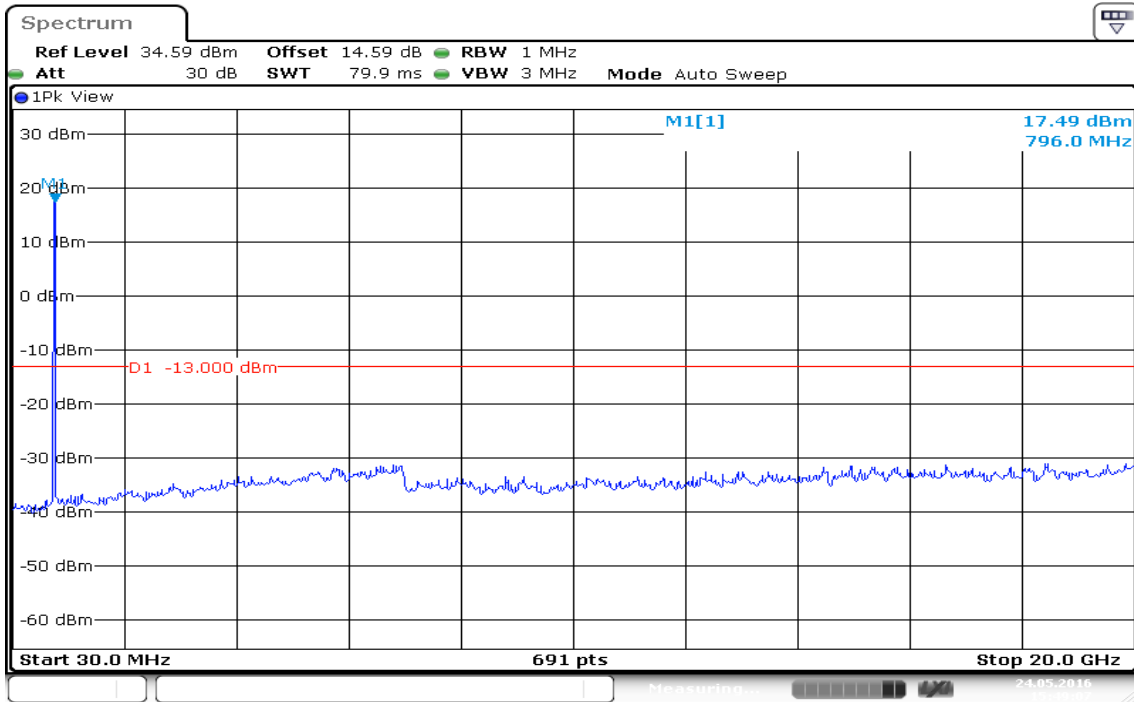
CH High



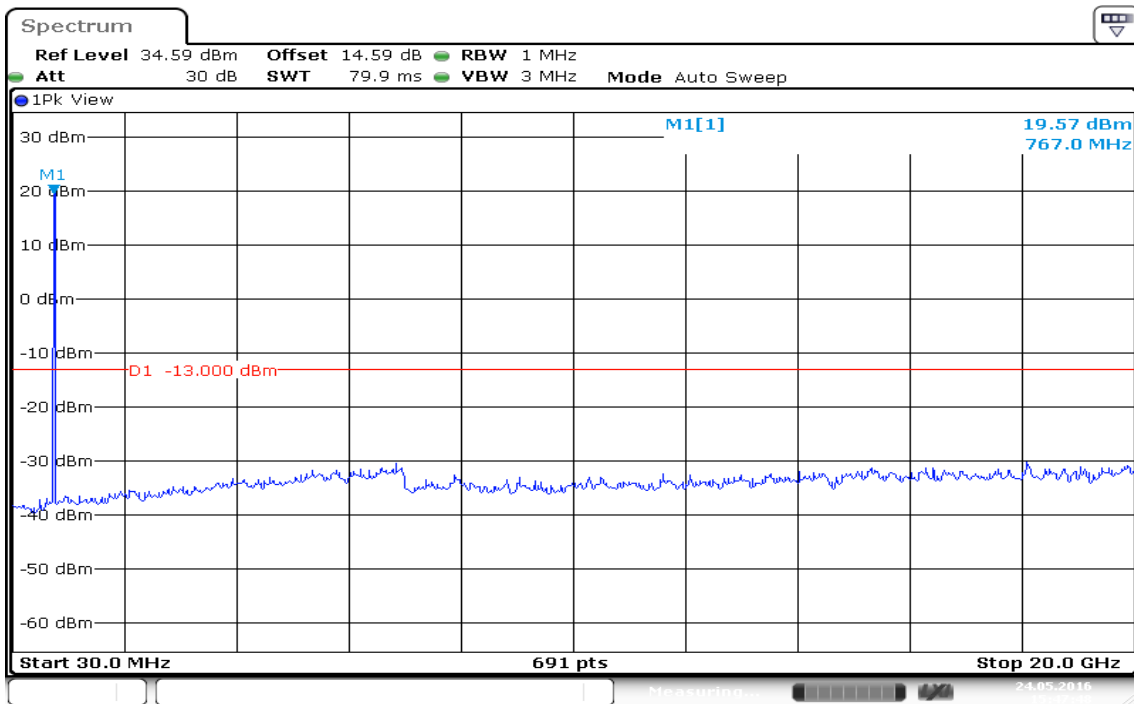
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CHANNEL BANDWIDTH: 5MHz / 16QAM

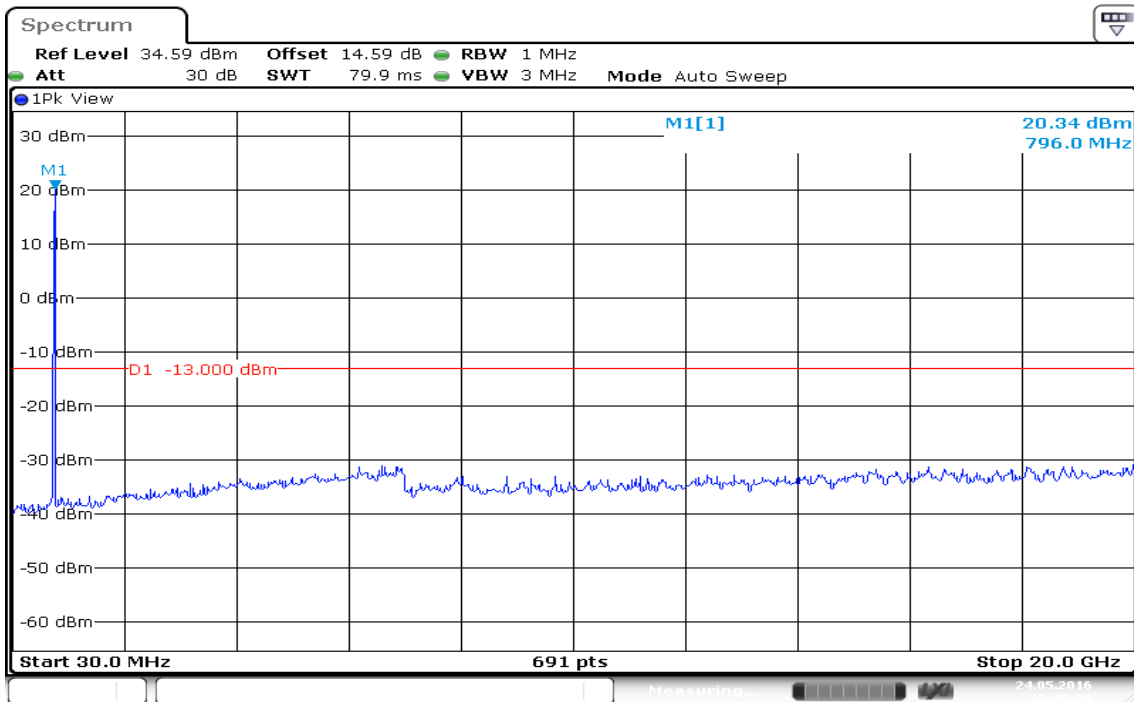
CH Low



CH Mid



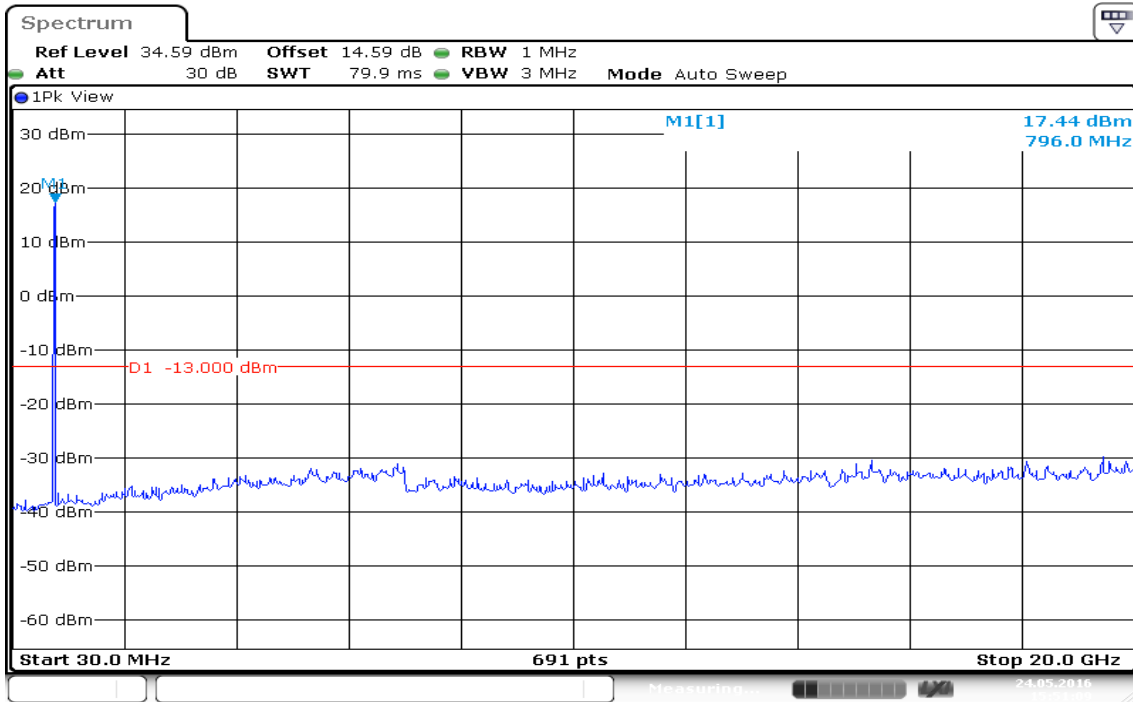
CH High



Date: 24.MAY.2016 15:48:37

CHANNEL BANDWIDTH: 10MHz / QPSK

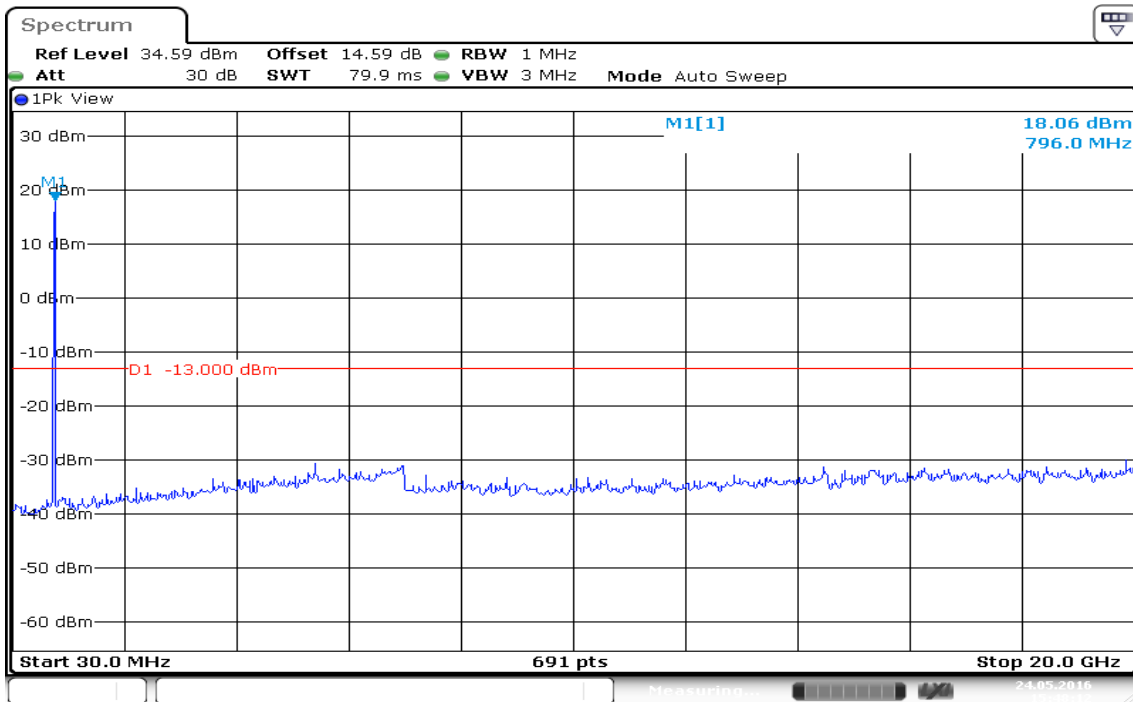
CH Mid



Date: 24.MAY.2016 15:51:09

CHANNEL BANDWIDTH: 10MHz / 16QAM

CH Mid

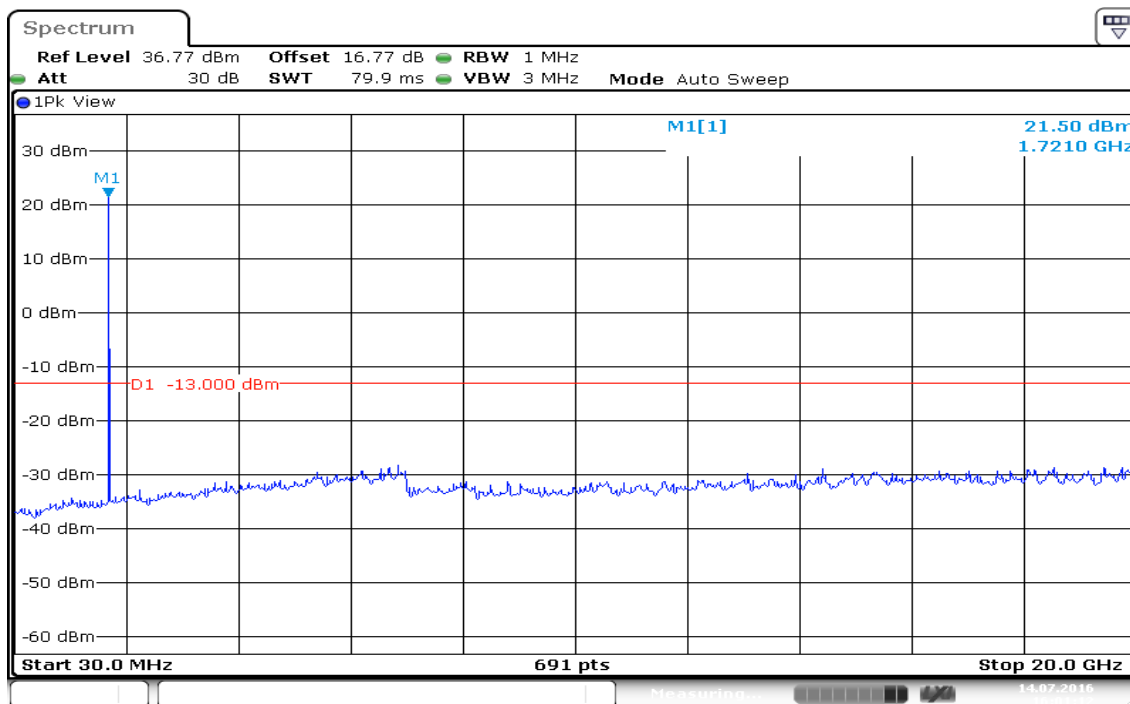


Date: 24.MAY.2016 15:48:12

LTE Band 4

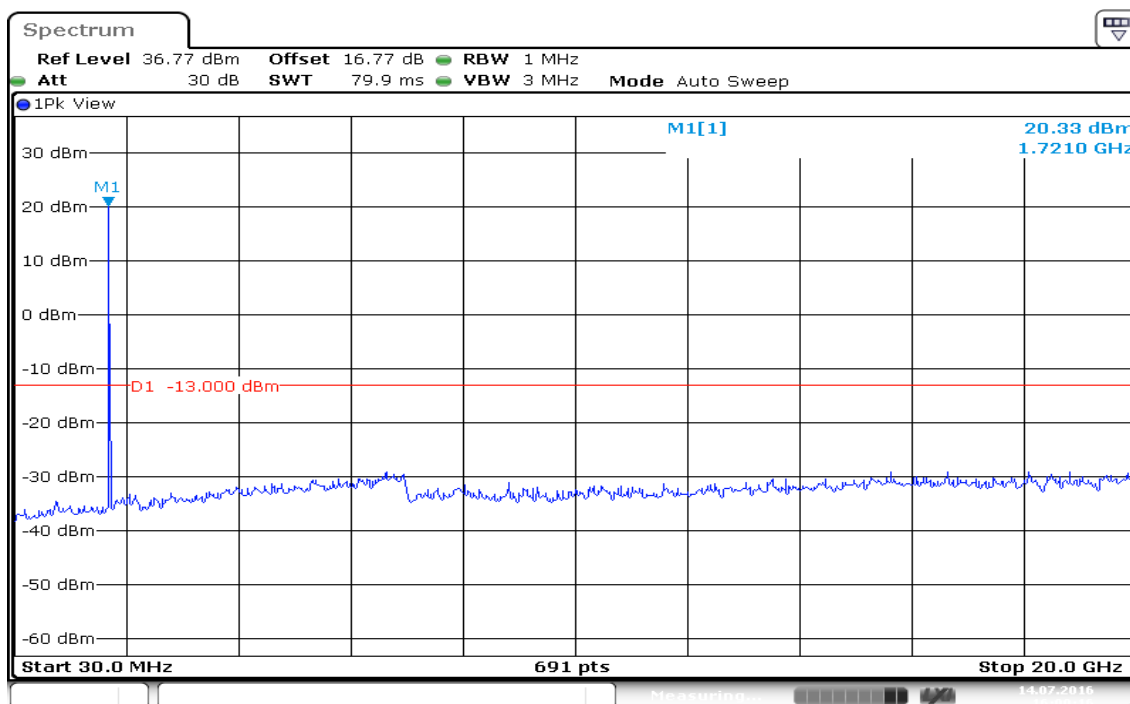
CHANNEL BANDWIDTH: 1.4MHz / QPSK

CH Low



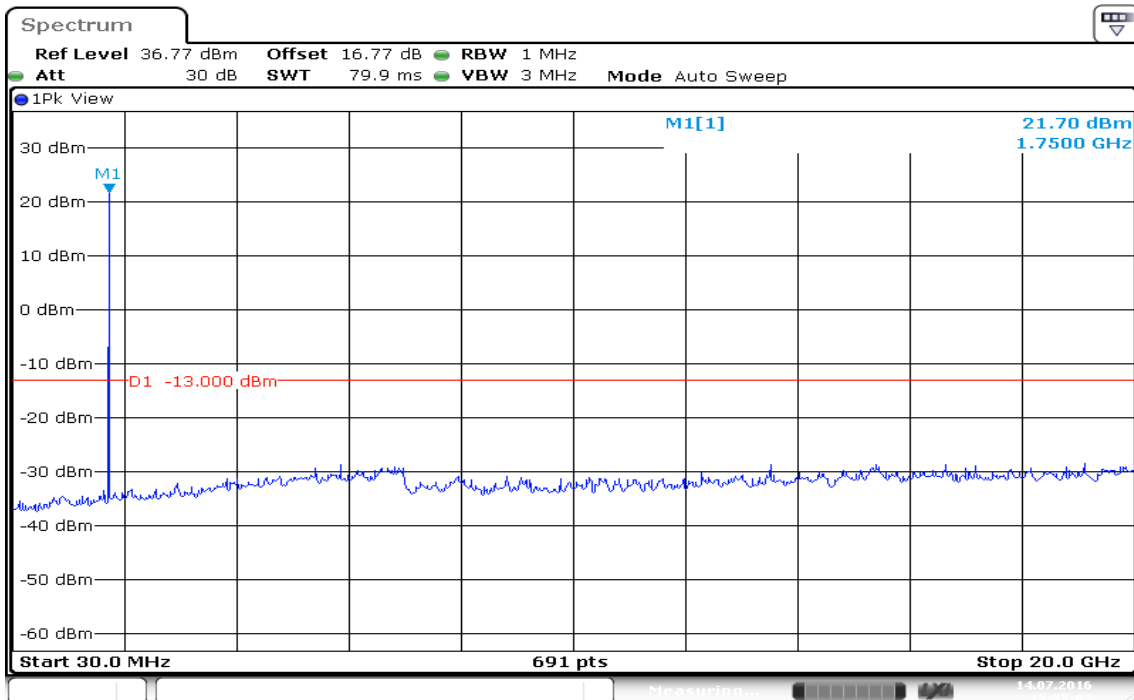
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CH Mid



Date: 14.JUL.2016 16:00:16

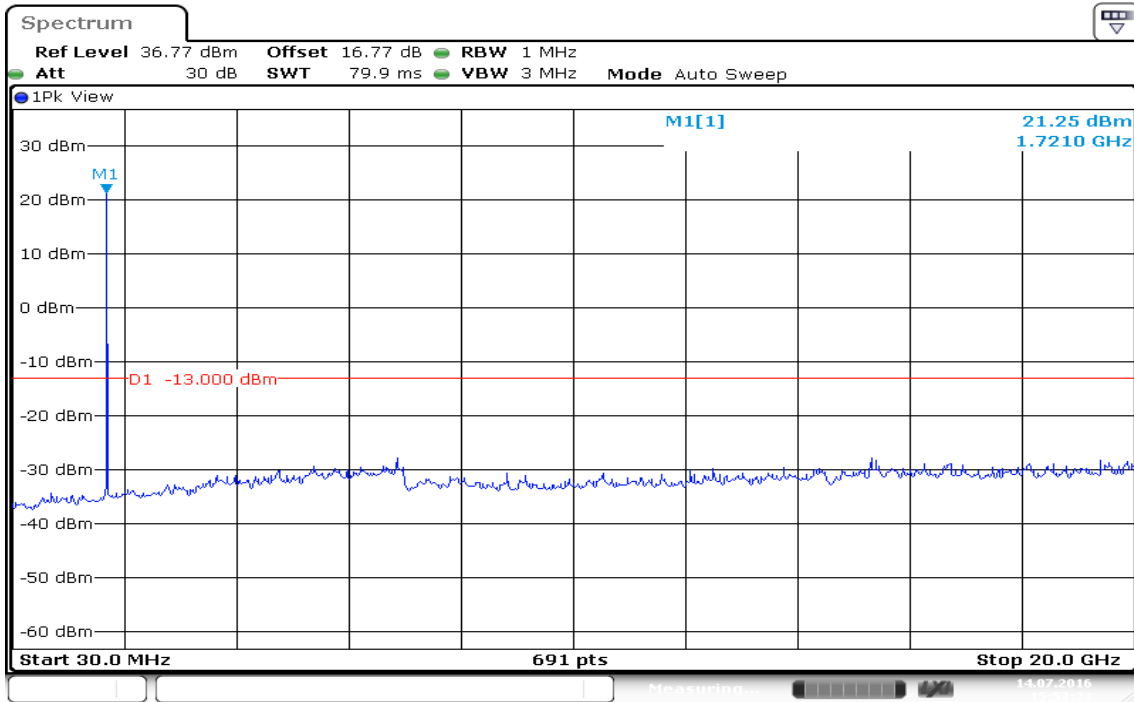
CH High



Date: 14.JUL.2016 15:55:06

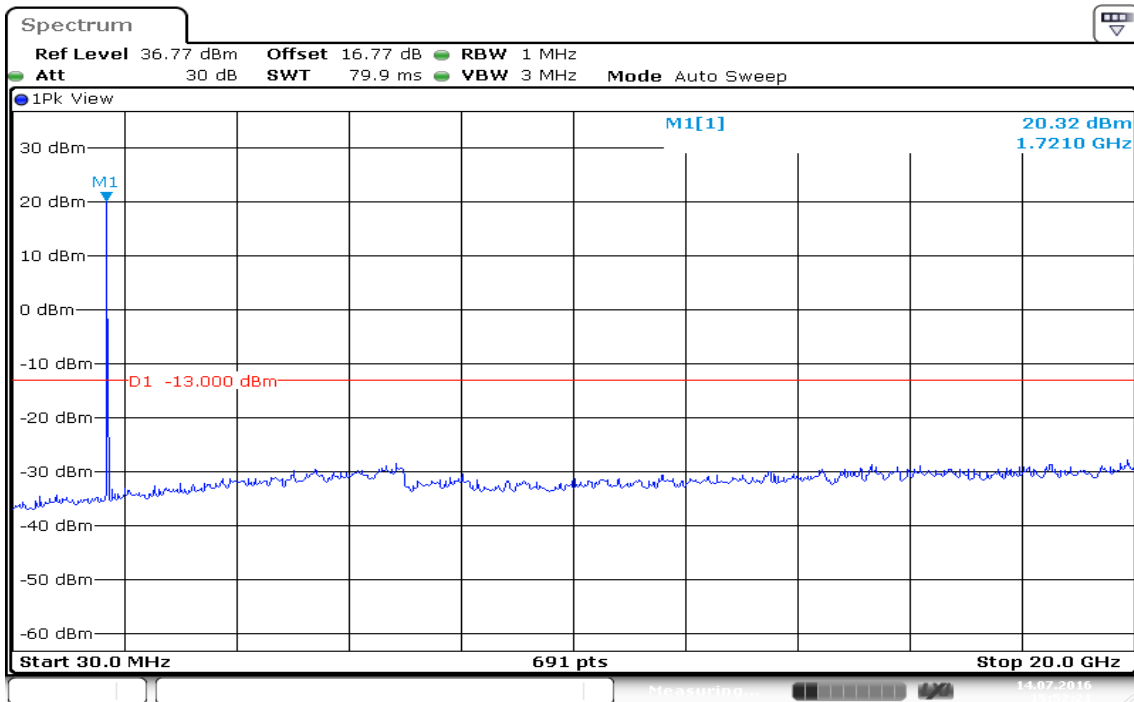
CHANNEL BANDWIDTH: 1.4MHz / 16QAM

CH Low



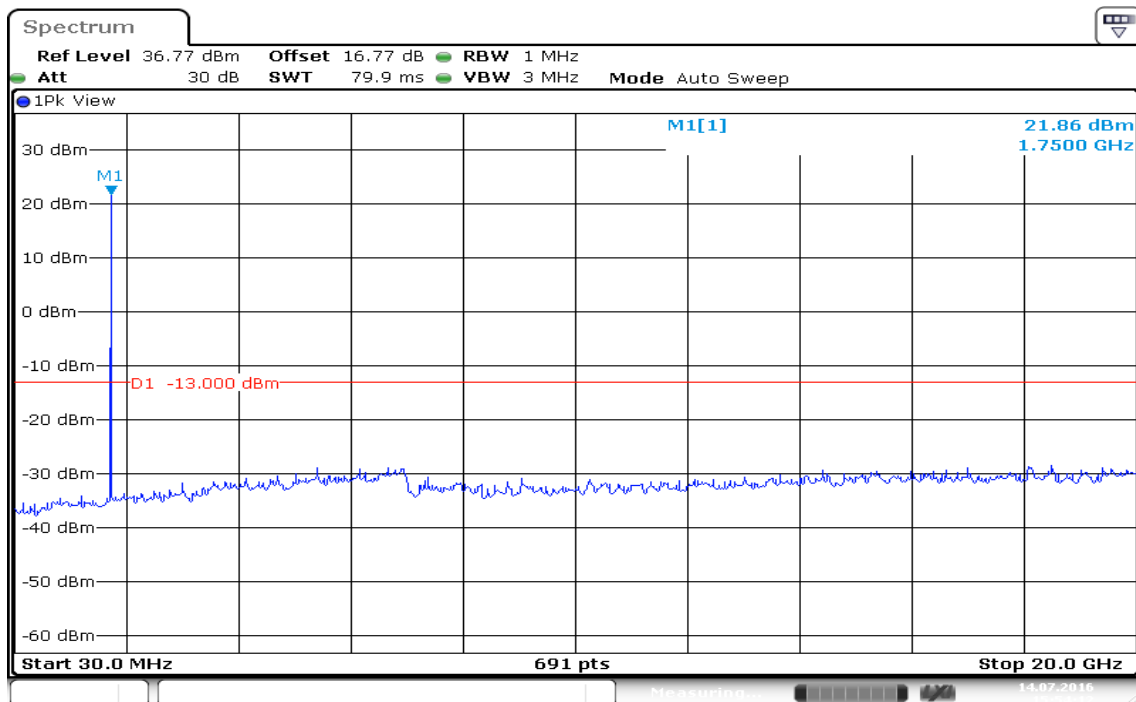
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CH Mid



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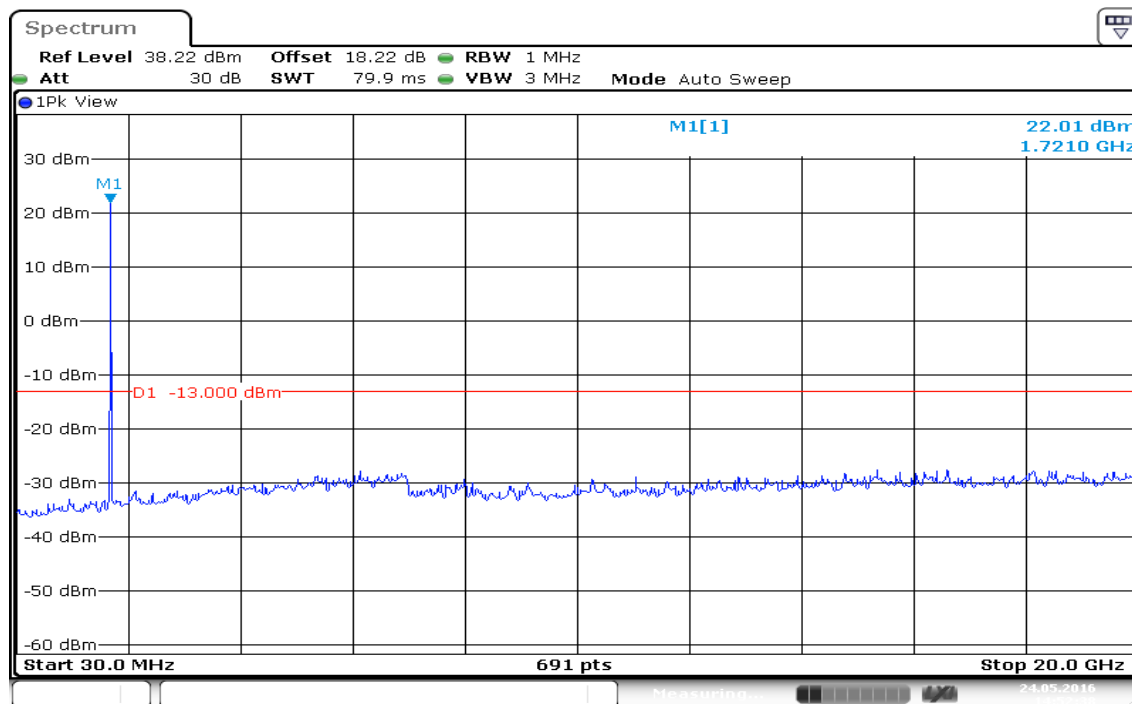
CH High



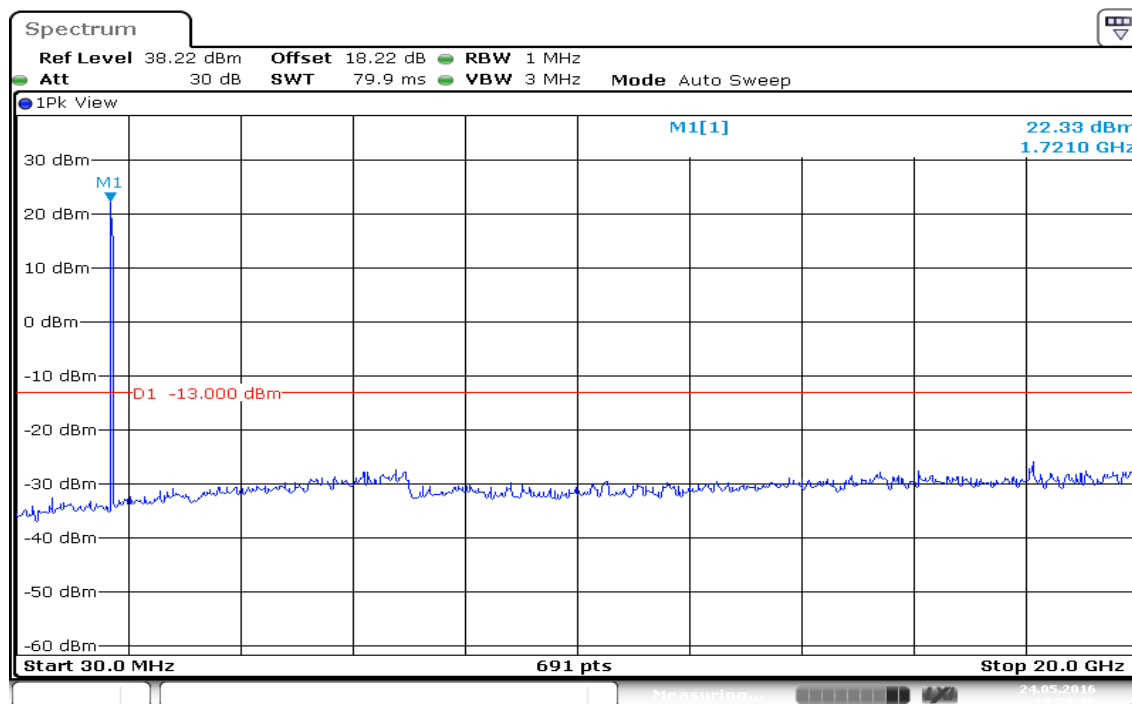
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CHANNEL BANDWIDTH: 5MHz / QPSK

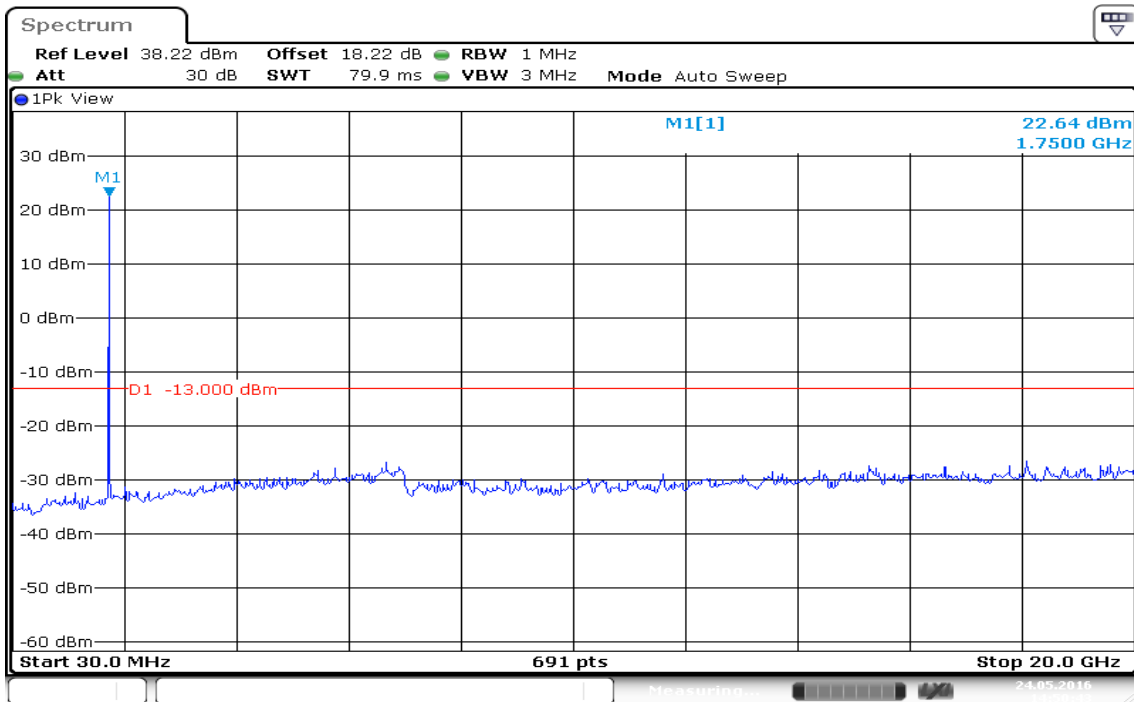
CH Low



CH Mid



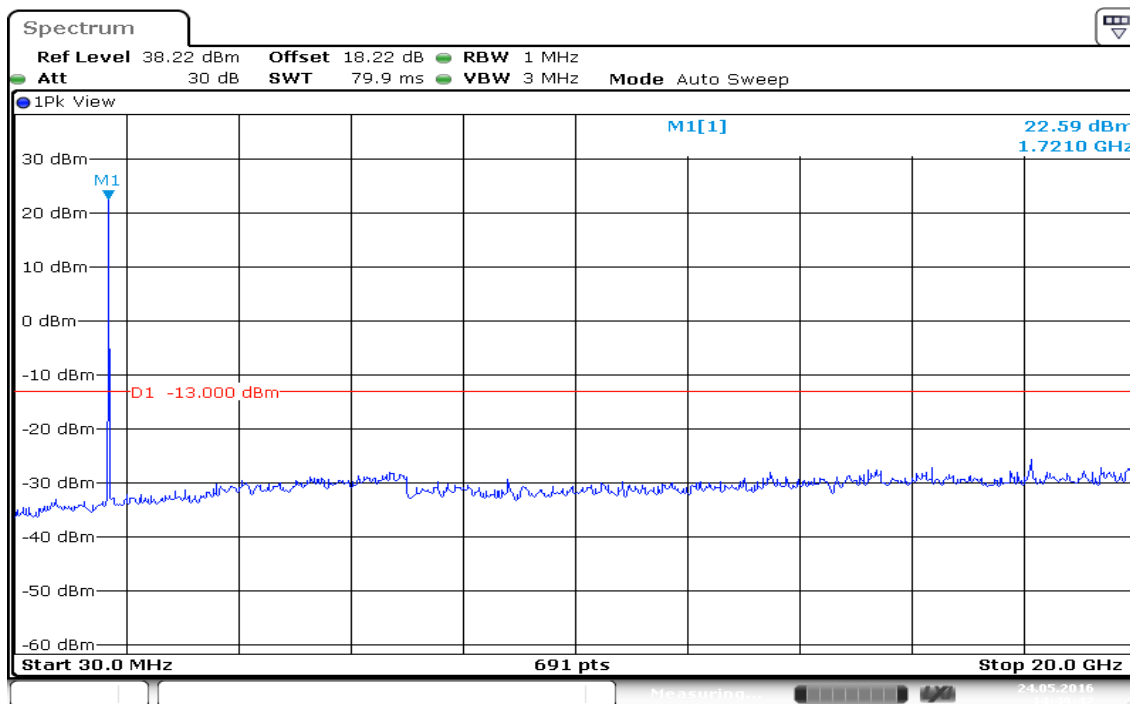
CH High



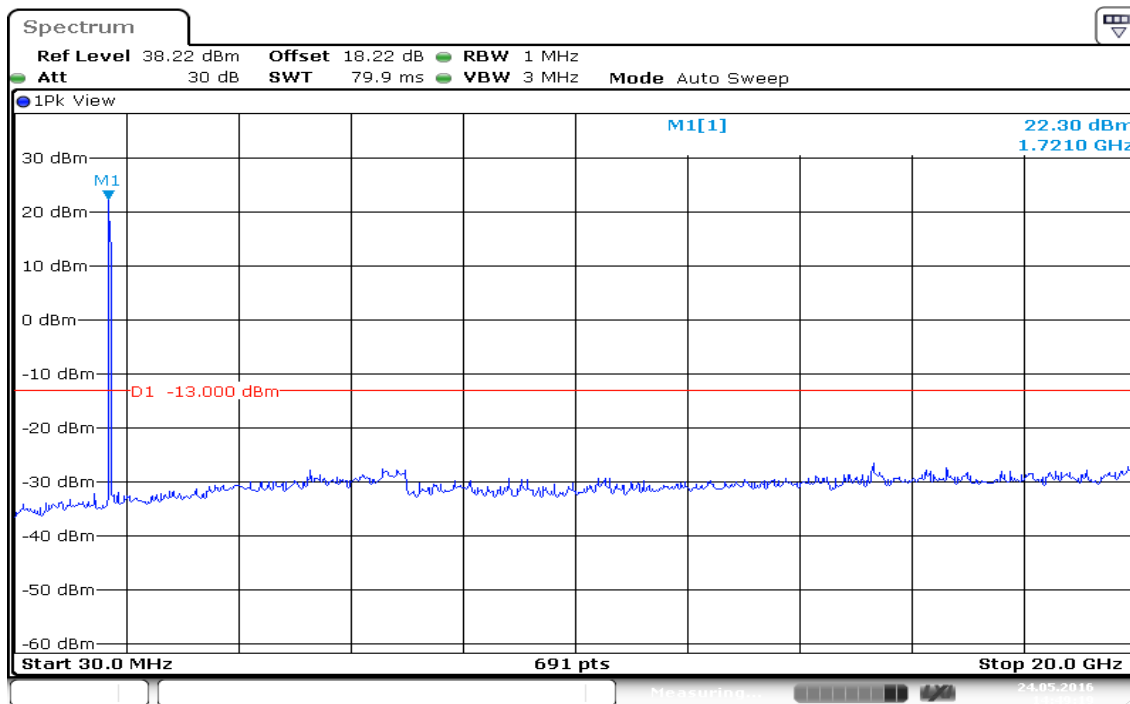
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CHANNEL BANDWIDTH: 5MHz / 16QAM

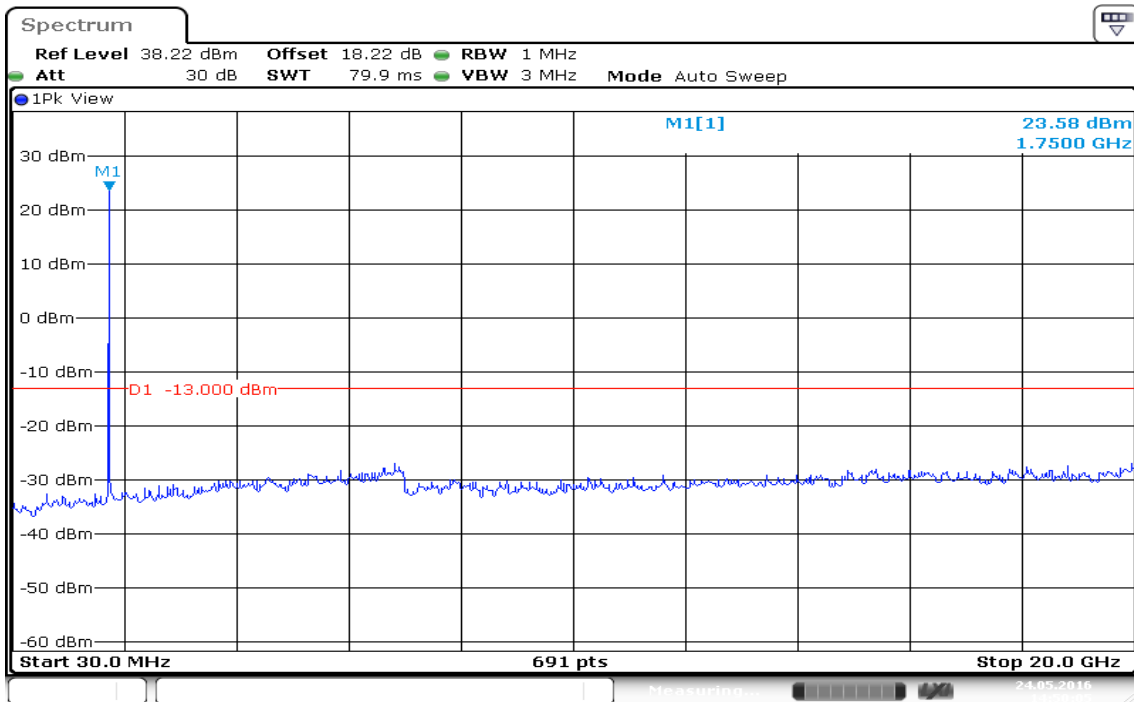
CH Low



CH Mid



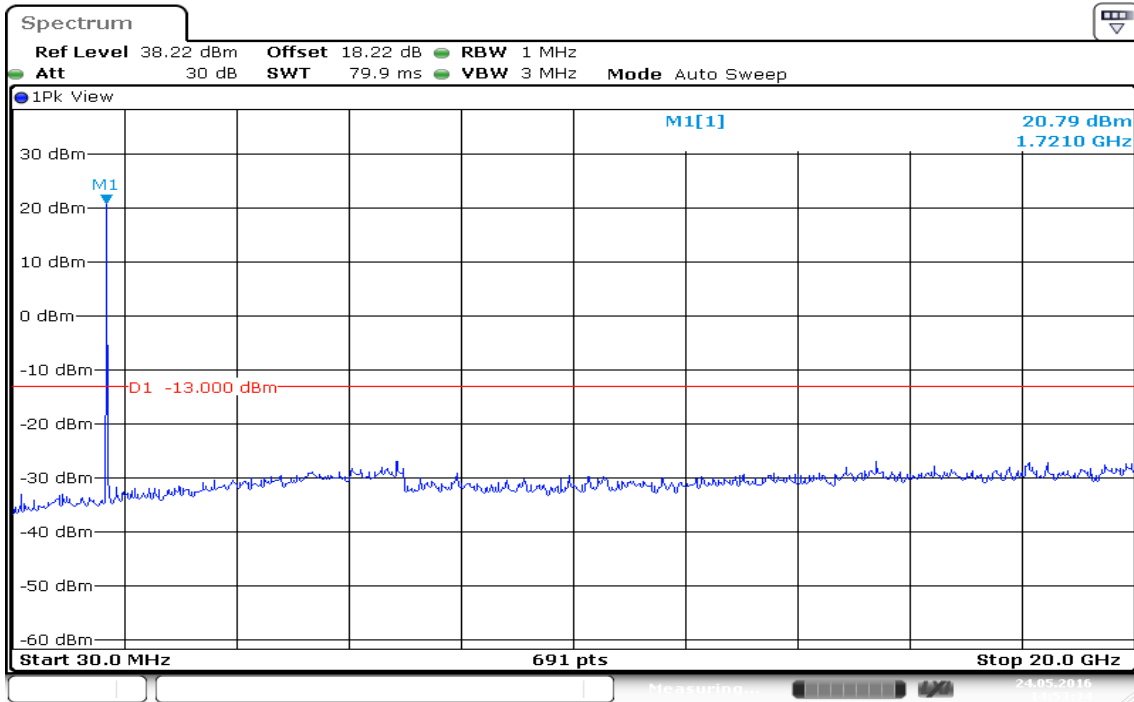
CH High



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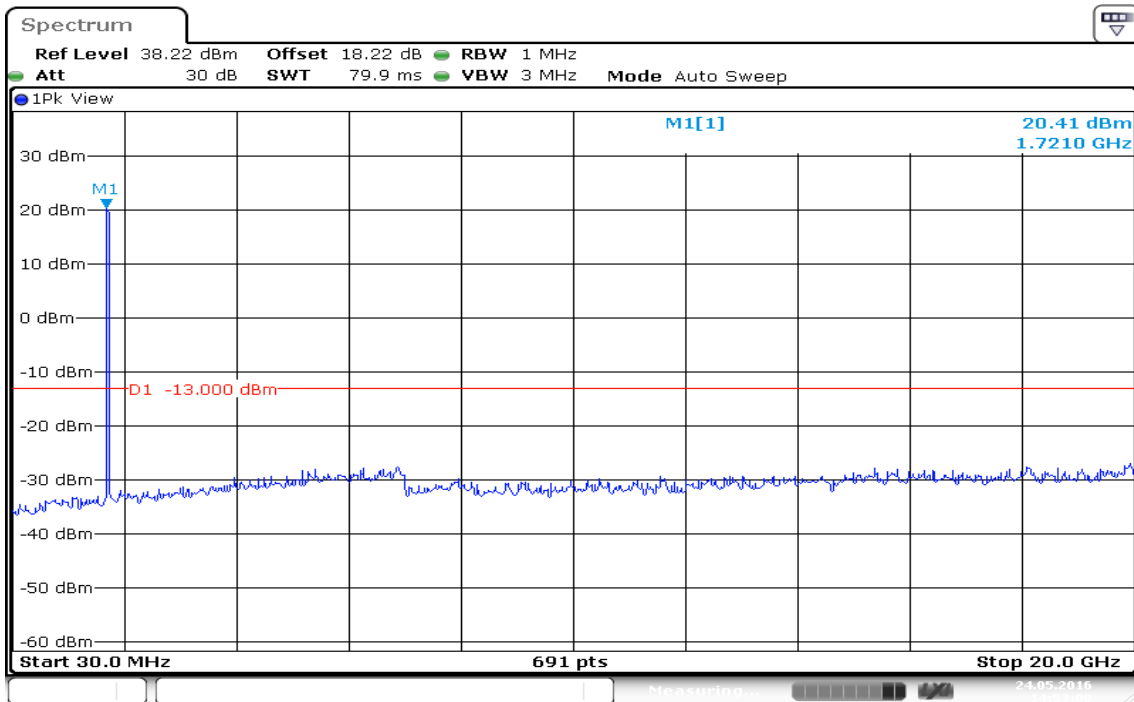
CHANNEL BANDWIDTH: 10MHz / QPSK

CH Low



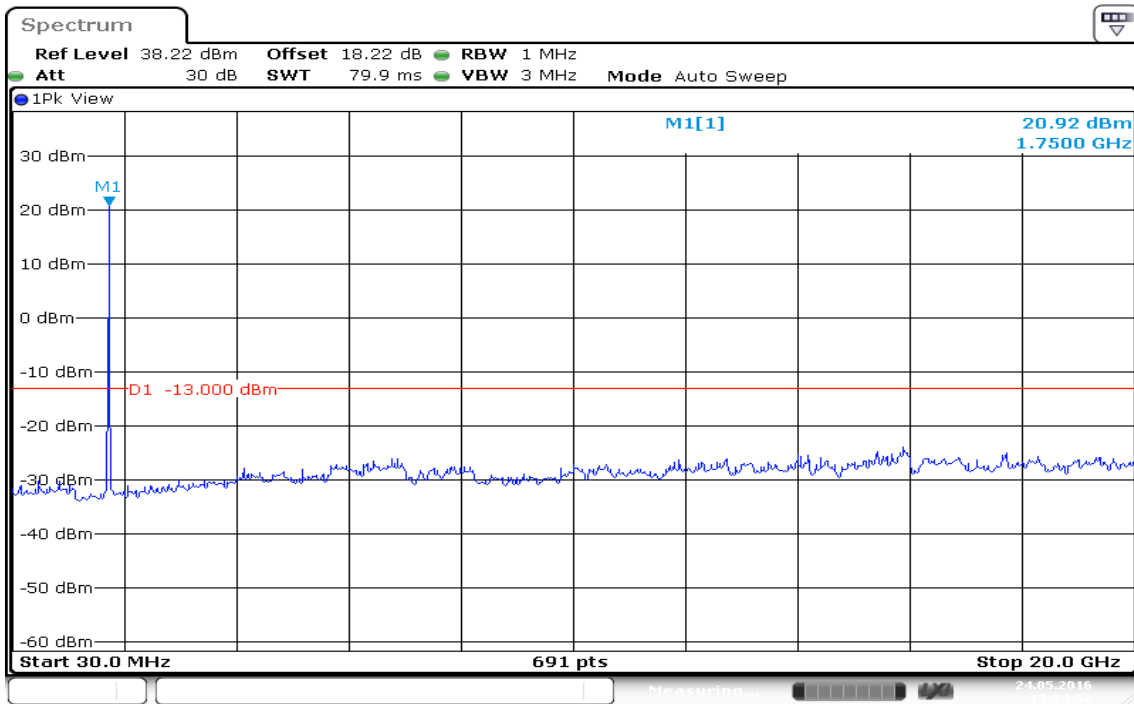
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CH Mid



Date: 24.MAY.2016 14:53:00

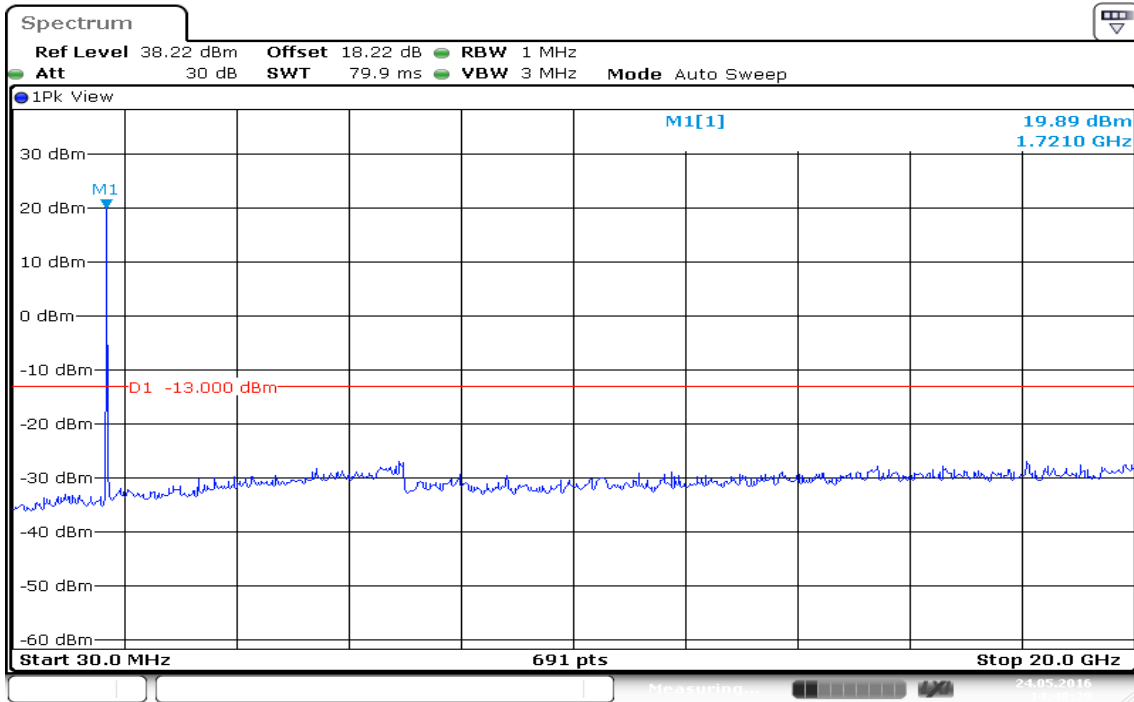
CH High



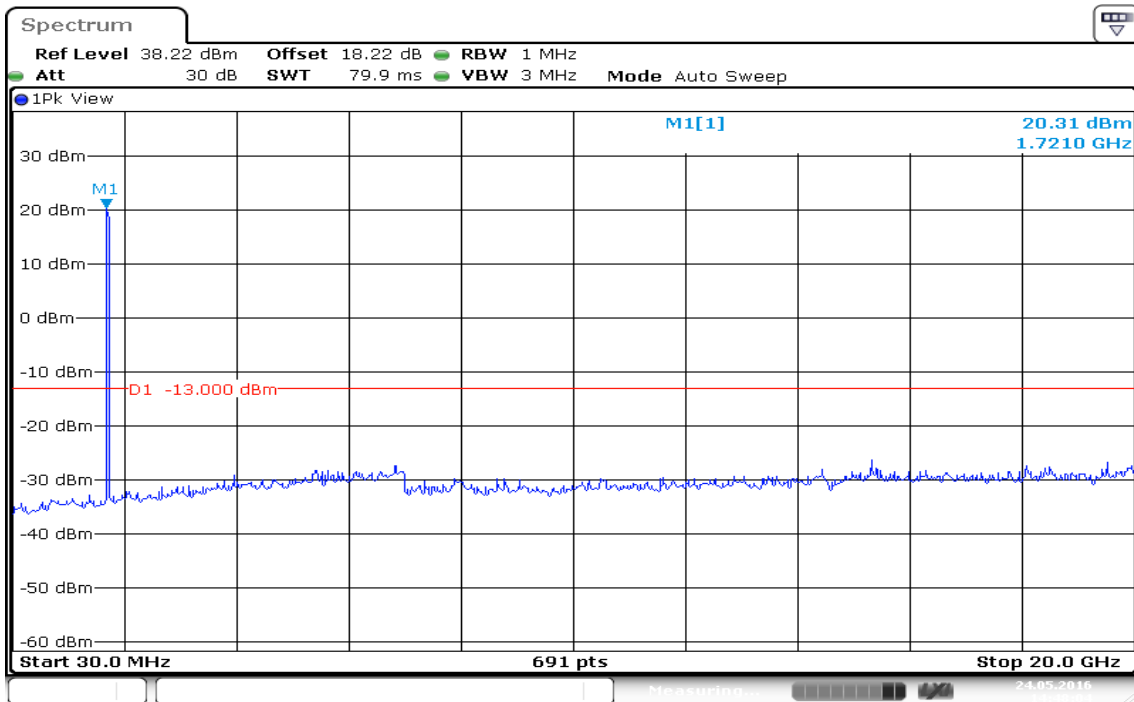
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CHANNEL BANDWIDTH: 10MHz / 16QAM

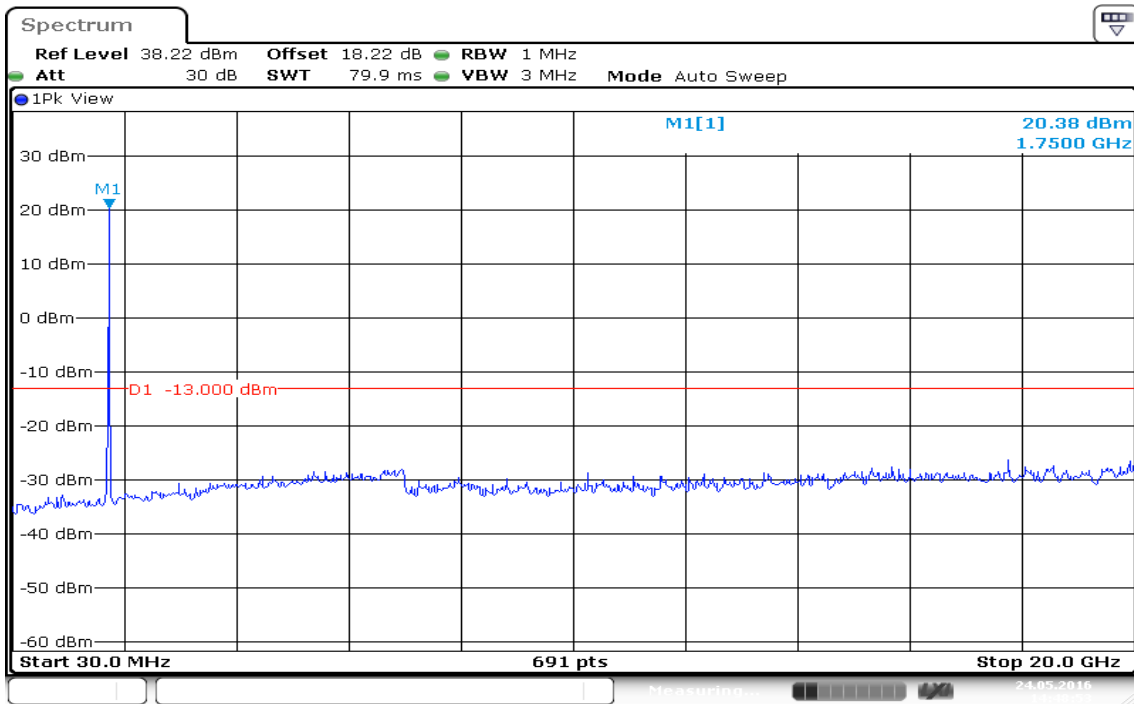
CH Low



CH Mid



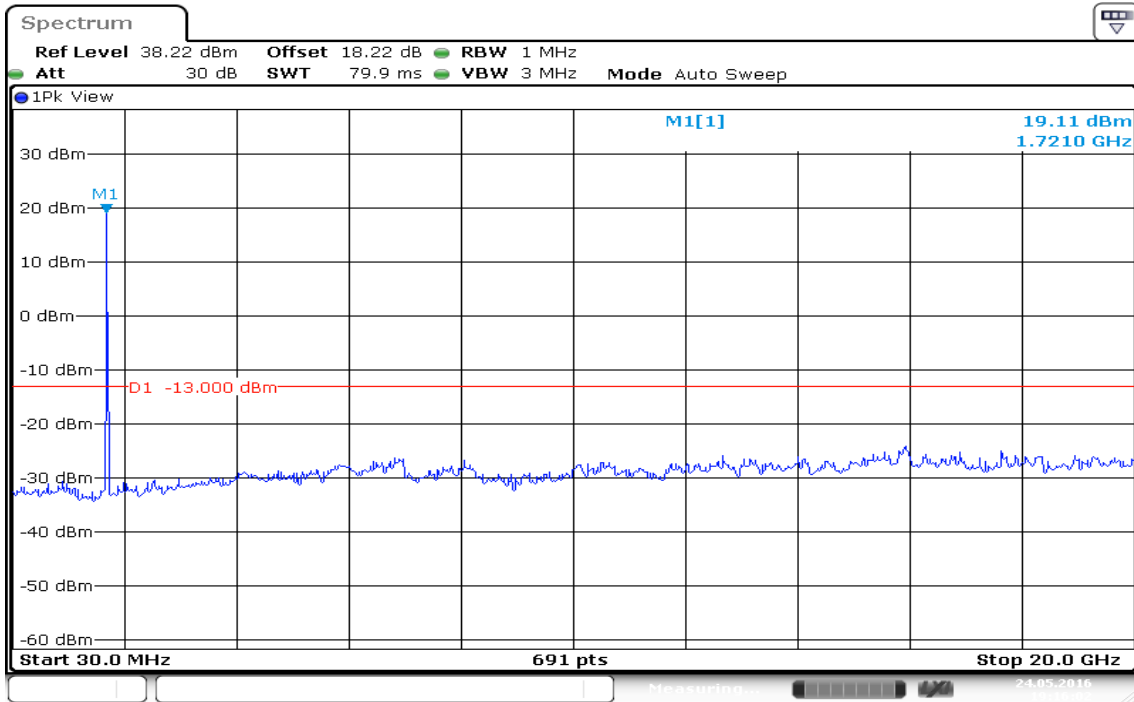
CH High



Date: 24.MAY.2016 14:48:53

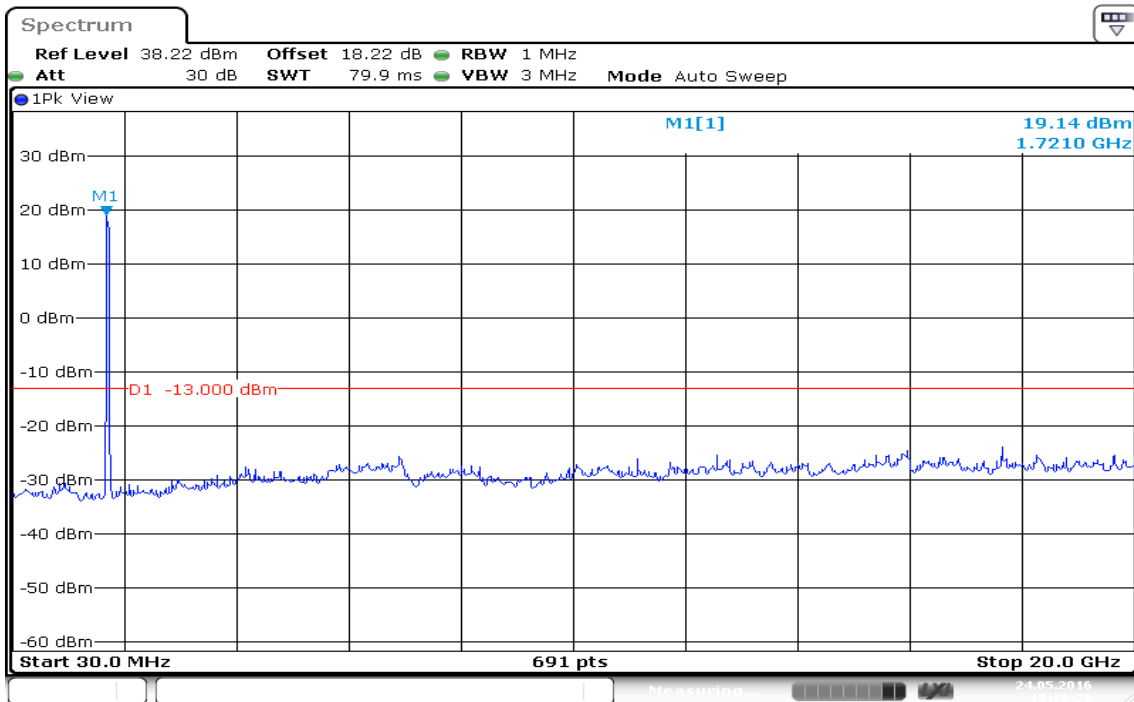
CHANNEL BANDWIDTH: 20MHz / QPSK

CH Low



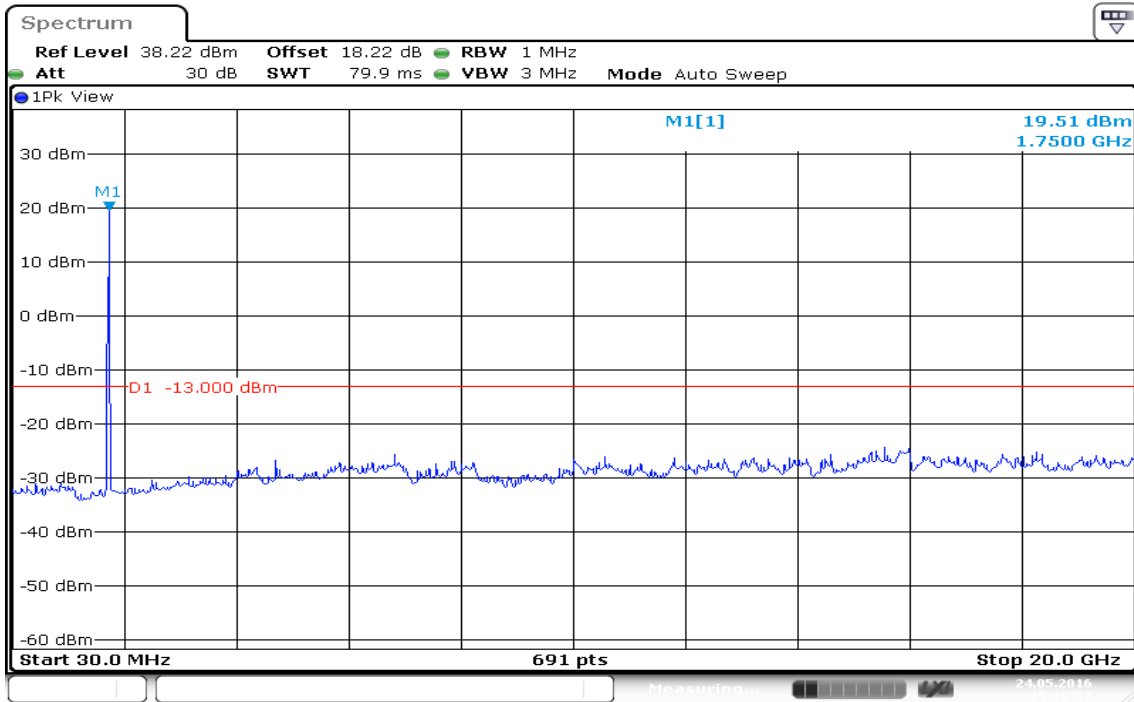
Date: 24 MAY 2016 19:16:02

CH Mid



Date: 24 MAY 2016 19:16:29

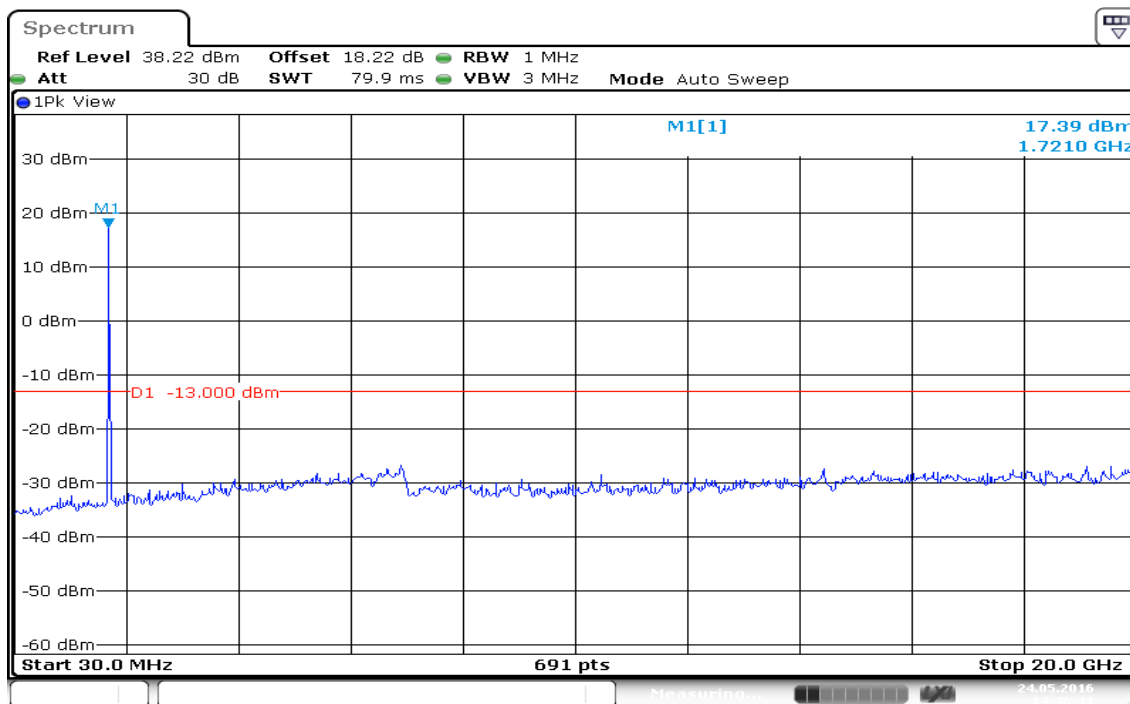
CH High



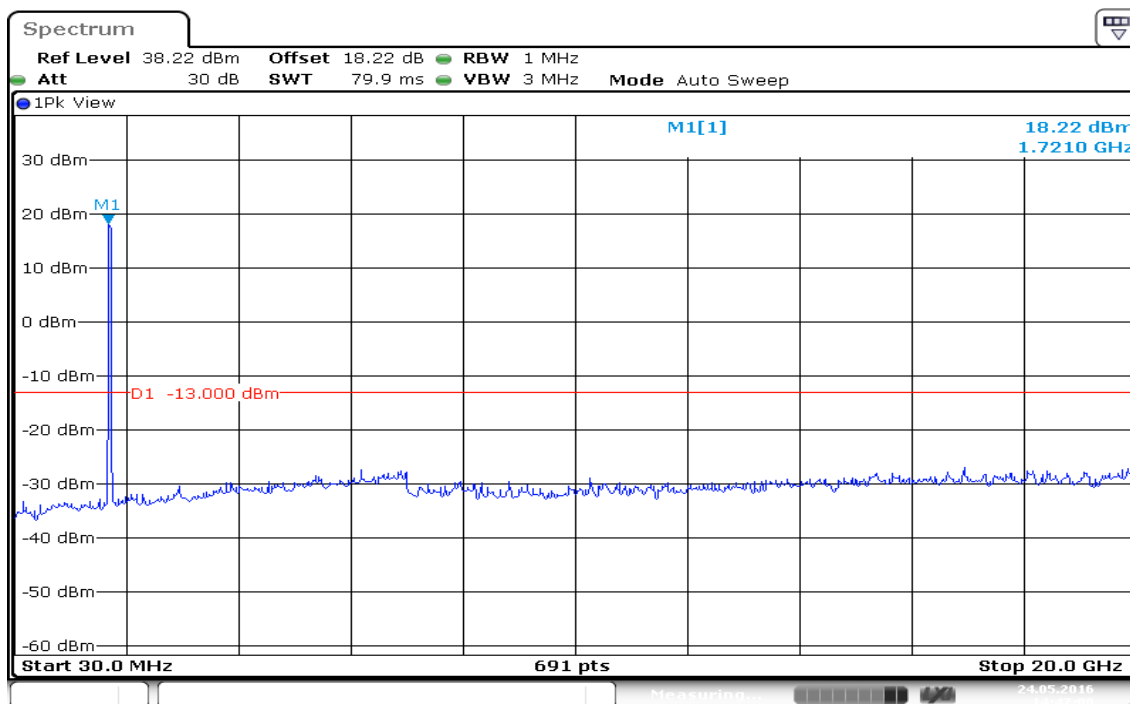
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CHANNEL BANDWIDTH: 20MHz / 16QAM

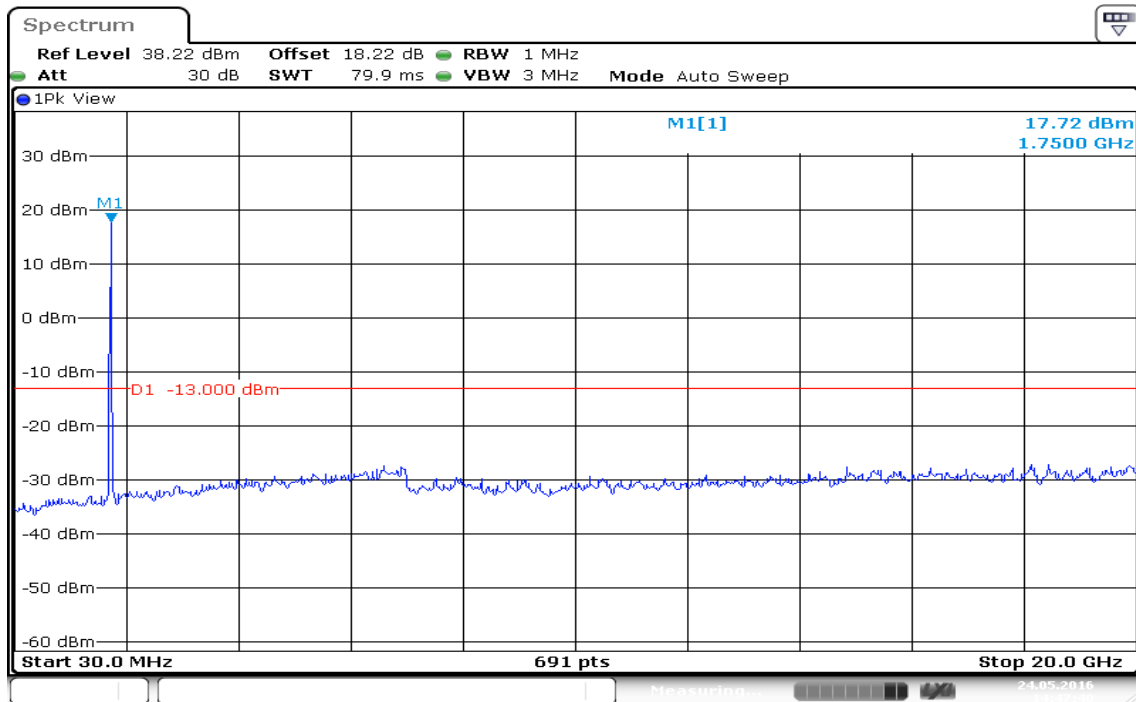
CH Low



CH Mid



CH High



Date: 24.MAY.2016 14:47:40

7.8 RADIATED EMISSION MEASUREMENT

LIMITS

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission equal to -13dBm

So the limit of emission is the same absolute specified line.

Limits	EQUIVALENT FIELD STRENGTH AT 3m (dBuV/m) (NOTE)
-13	82.22

NOTE: The following formula is used to convert the equipment radiated power to field strength.

$$E = [1000000\sqrt{(30P)}] / 3 \text{ uV/m, where P is Watts}$$

TEST PROCEDURES

1. The EUT was placed on the top of a rotating table 0.8 meters above the ground. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the receiving antenna, which was mounted on antenna tower and its position at 0.8 m above the ground.
3. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading and recorded the value.
4. Repeat step 1 ~ 3 for horizontal polarization.

NOTE: The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

TEST RESULTS

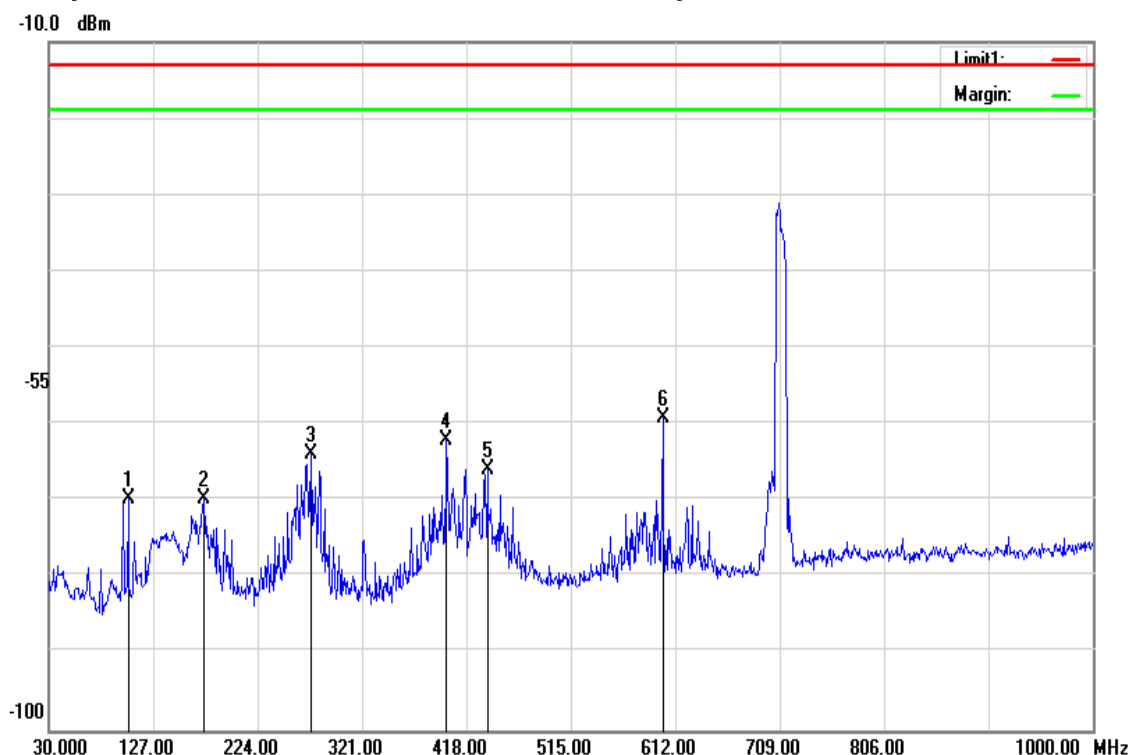
Below 1GHz

LTE Band 17 / CHANNEL BANDWIDTH: 10MHz / QPSK

Operation Mode: Tx / Middle channel Test Date: May 24, 2016

Temperature: 22.6°C Tested by: Dennis Li

Humidity: 57.2% RH Polarity: Ver.

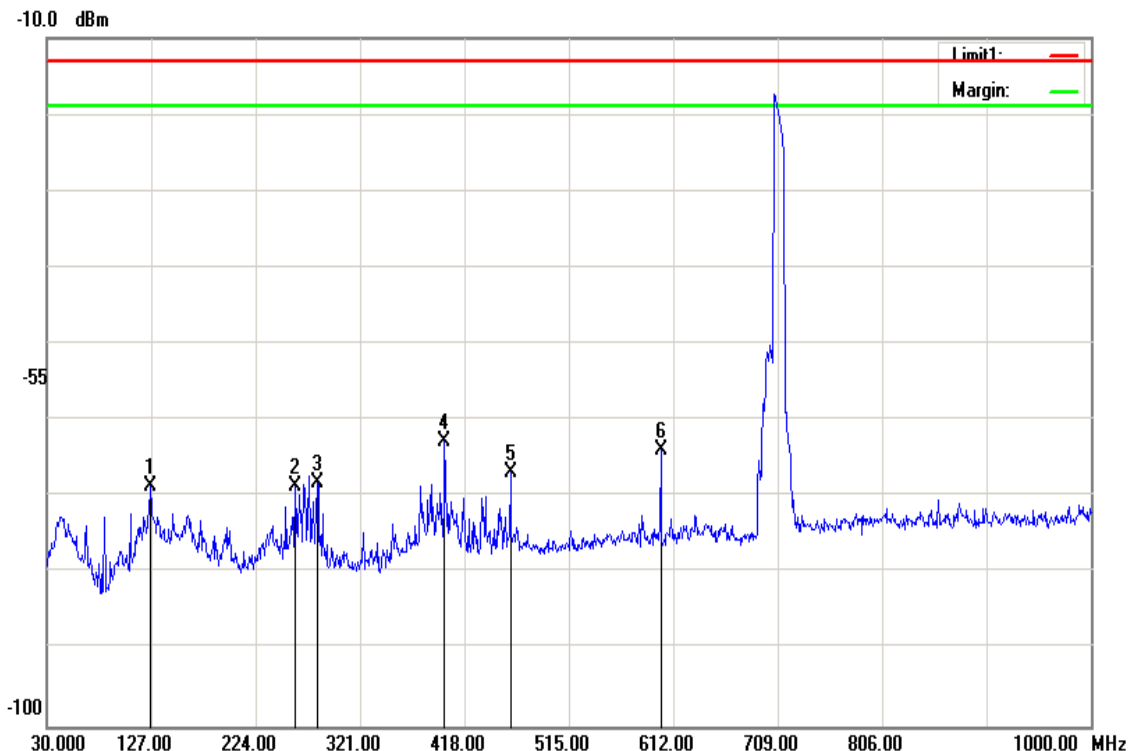


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
103.7200	-67.75	1.17	-0.89	-69.81	-13.00	-56.81	V
174.5300	-71.04	1.59	3	-69.63	-13.00	-56.63	V
273.4700	-67.05	1.99	5.17	-63.87	-13.00	-50.87	V
399.5700	-65.6	2.39	5.98	-62.01	-13.00	-49.01	V
437.4000	-69.34	2.52	5.88	-65.98	-13.00	-52.98	V
600.3600	-62.58	2.9	6.4	-59.08	-13.00	-46.08	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: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.



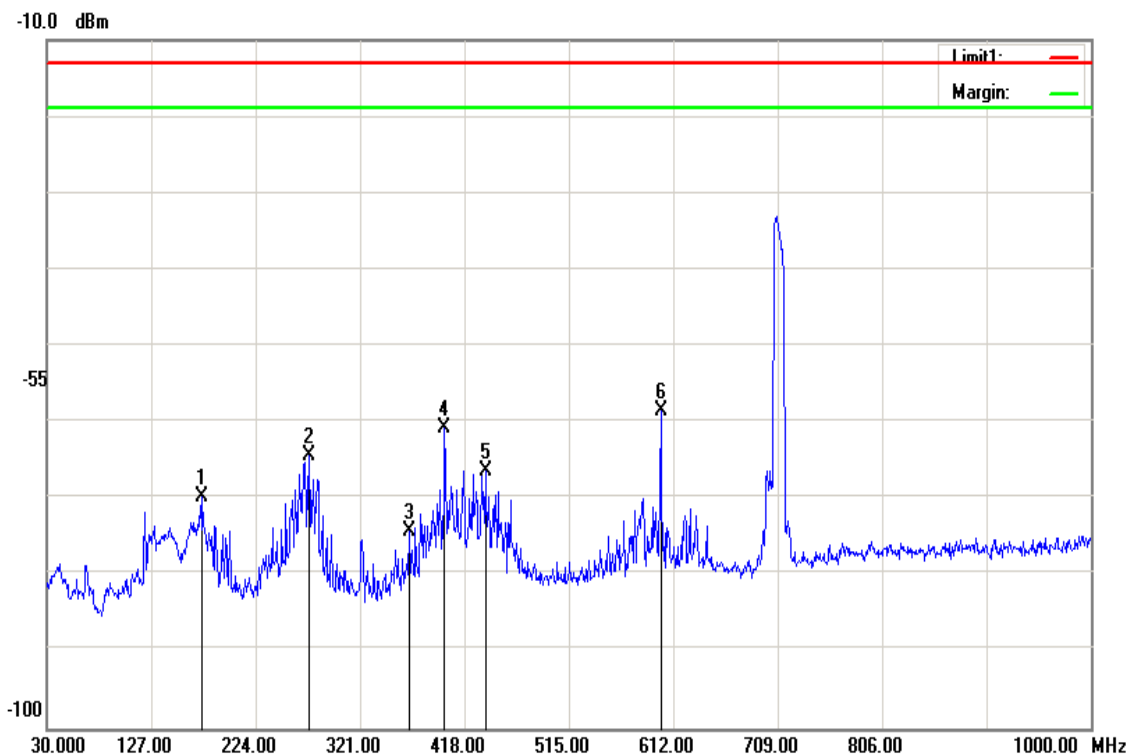
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
126.0300	-65.66	1.32	-1.69	-68.67	-13.00	-55.67	H
260.8600	-72.29	1.91	5.56	-68.64	-13.00	-55.64	H
281.2300	-71.59	2	5.32	-68.27	-13.00	-55.27	H
399.5700	-66.33	2.39	5.98	-62.74	-13.00	-49.74	H
460.6800	-70.07	2.6	5.87	-66.80	-13.00	-53.80	H
600.3600	-67.42	2.9	6.4	-63.92	-13.00	-50.92	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.

LTE Band 17 / CHANNEL BANDWIDTH: 10MHz / 16QAM

Operation Mode: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

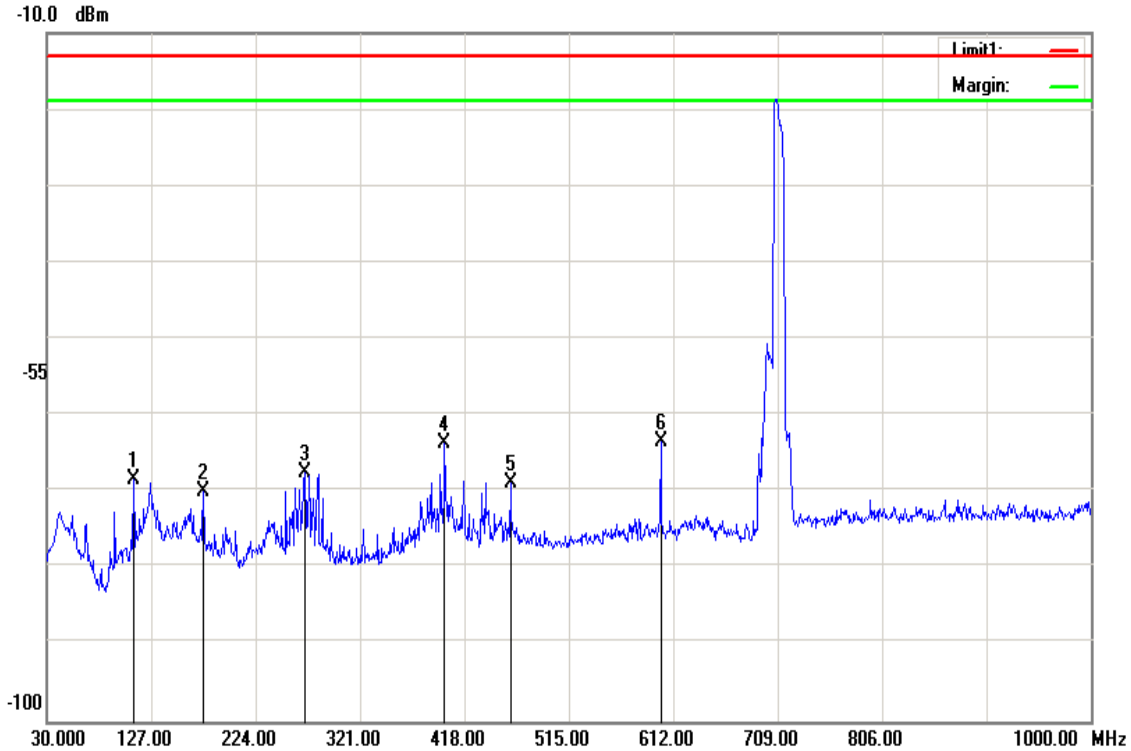


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
174.5300	-71.08	1.59	3	-69.67	-13.00	-56.67	V
273.4700	-67.43	1.99	5.17	-64.25	-13.00	-51.25	V
366.5900	-77.79	2.29	5.77	-74.31	-13.00	-61.31	V
399.5700	-64.23	2.39	5.98	-60.64	-13.00	-47.64	V
437.4000	-69.83	2.52	5.88	-66.47	-13.00	-53.47	V
600.3600	-61.93	2.9	6.4	-58.43	-13.00	-45.43	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: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.



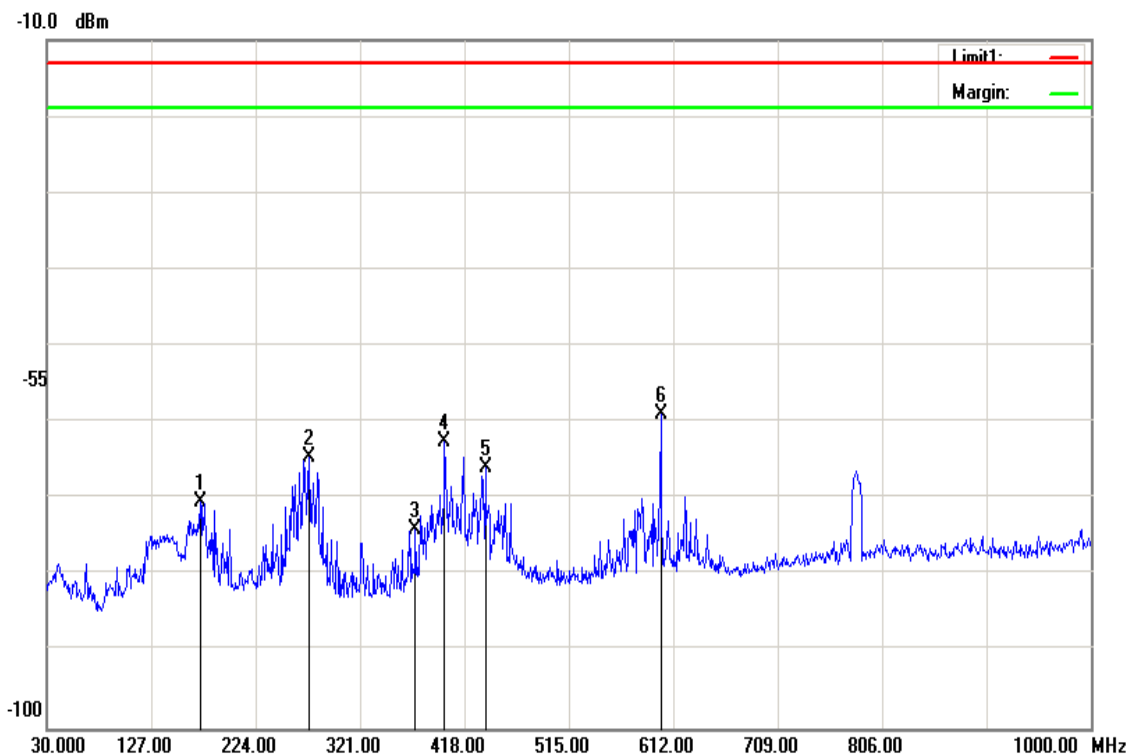
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
110.5100	-65.53	1.21	-1.72	-68.46	-13.00	-55.46	H
175.5000	-71.58	1.59	3.1	-70.07	-13.00	-57.07	H
269.5900	-70.66	1.98	5.12	-67.52	-13.00	-54.52	H
399.5700	-67.33	2.39	5.98	-63.74	-13.00	-50.74	H
460.6800	-72.06	2.6	5.87	-68.79	-13.00	-55.79	H
600.3600	-66.93	2.9	6.4	-63.43	-13.00	-50.43	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.

LTE Band 13 / CHANNEL BANDWIDTH: 10MHz / QPSK

Operation Mode: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

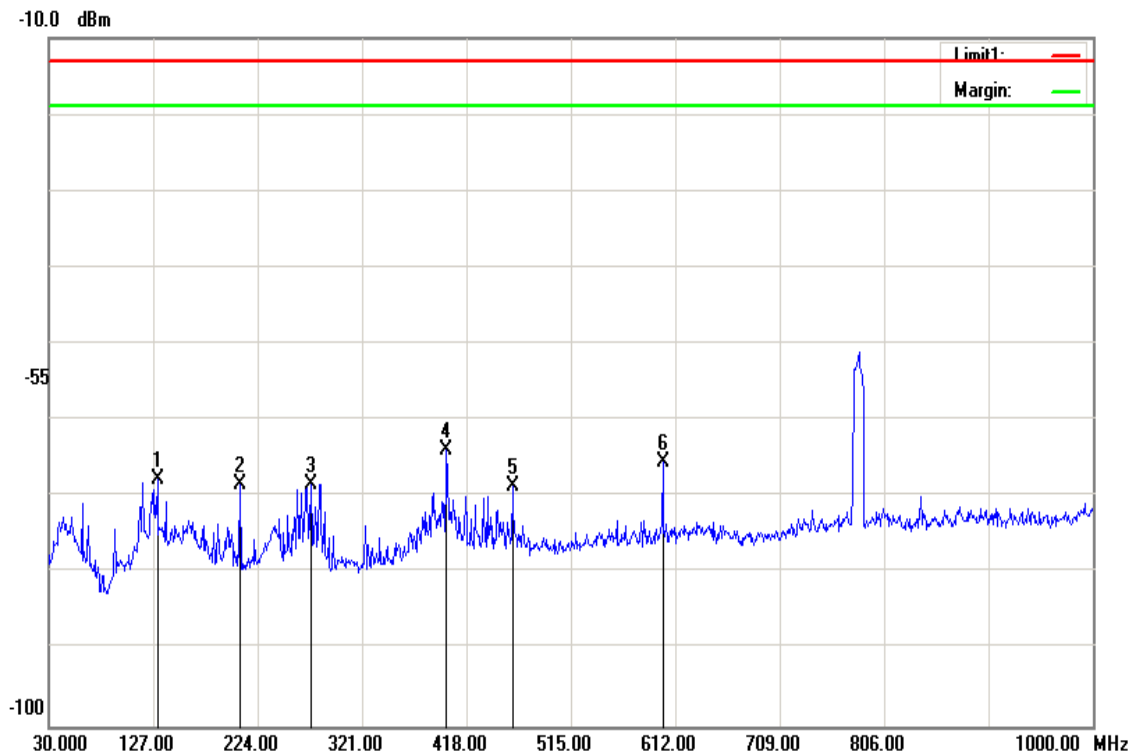


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
172.5900	-71.56	1.58	2.8	-70.34	-13.00	-57.34	V
273.4700	-67.78	1.99	5.17	-64.60	-13.00	-51.60	V
372.4100	-77.67	2.3	5.85	-74.12	-13.00	-61.12	V
399.5700	-66.02	2.39	5.98	-62.43	-13.00	-49.43	V
437.4000	-69.2	2.52	5.88	-65.84	-13.00	-52.84	V
600.3600	-62.48	2.9	6.4	-58.98	-13.00	-45.98	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: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.



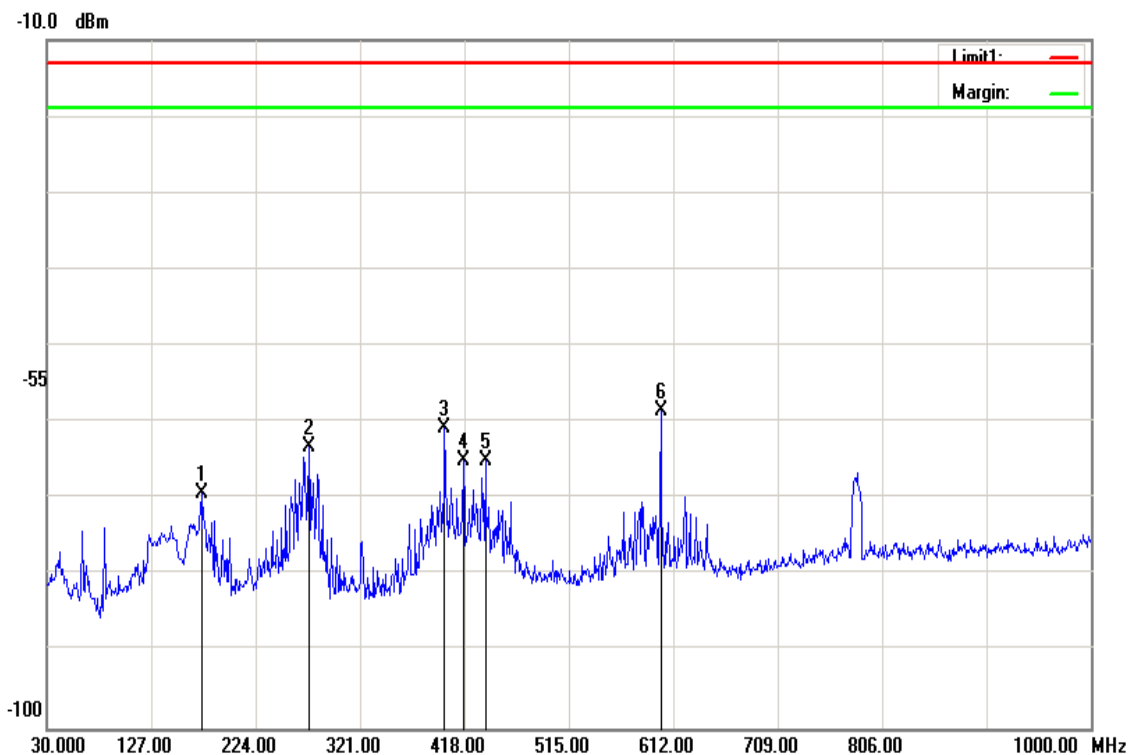
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
130.8800	-65.03	1.35	-1.3	-67.68	-13.00	-54.68	H
207.5100	-71.66	1.67	4.95	-68.38	-13.00	-55.38	H
273.4700	-71.46	1.99	5.17	-68.28	-13.00	-55.28	H
399.5700	-67.47	2.39	5.98	-63.88	-13.00	-50.88	H
460.6800	-71.84	2.6	5.87	-68.57	-13.00	-55.57	H
600.3600	-69.03	2.9	6.4	-65.53	-13.00	-52.53	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.

LTE Band 13 / CHANNEL BANDWIDTH: 10MHz / 16QAM

Operation Mode: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

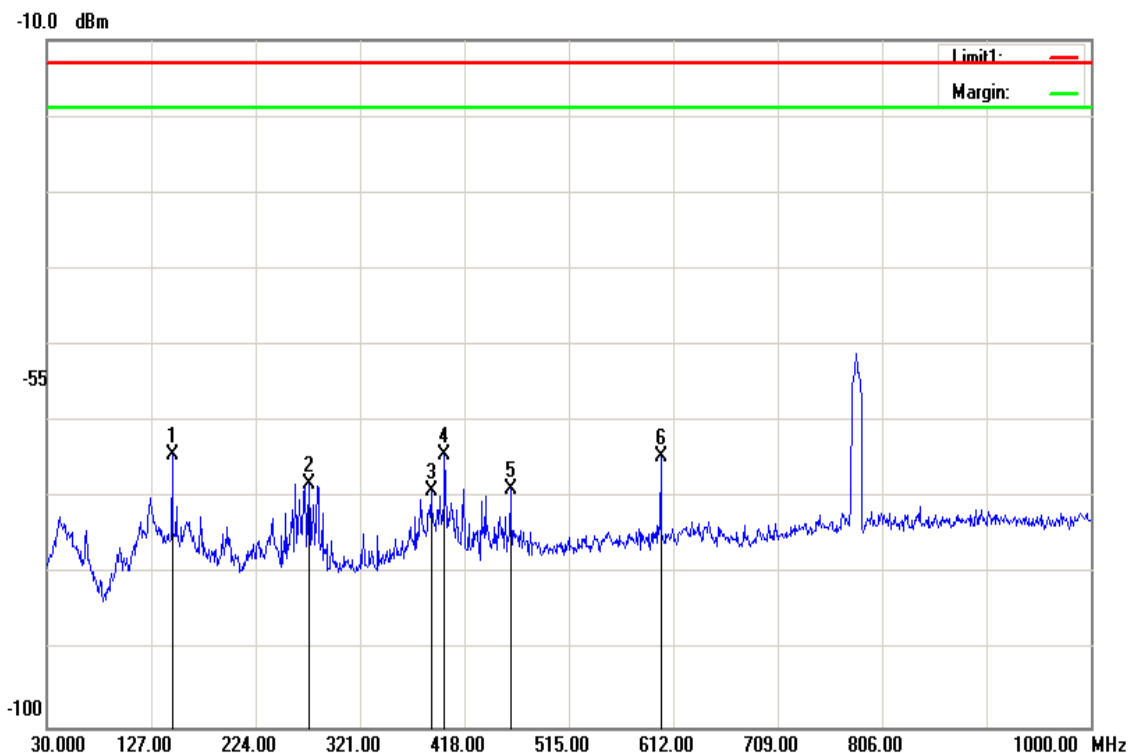


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
174.5300	-70.61	1.59	3	-69.20	-13.00	-56.20	V
273.4700	-66.37	1.99	5.17	-63.19	-13.00	-50.19	V
399.5700	-64.41	2.39	5.98	-60.82	-13.00	-47.82	V
417.0300	-68.32	2.46	5.84	-64.94	-13.00	-51.94	V
437.4000	-68.47	2.52	5.88	-65.11	-13.00	-52.11	V
600.3600	-62.06	2.9	6.4	-58.56	-13.00	-45.56	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: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.



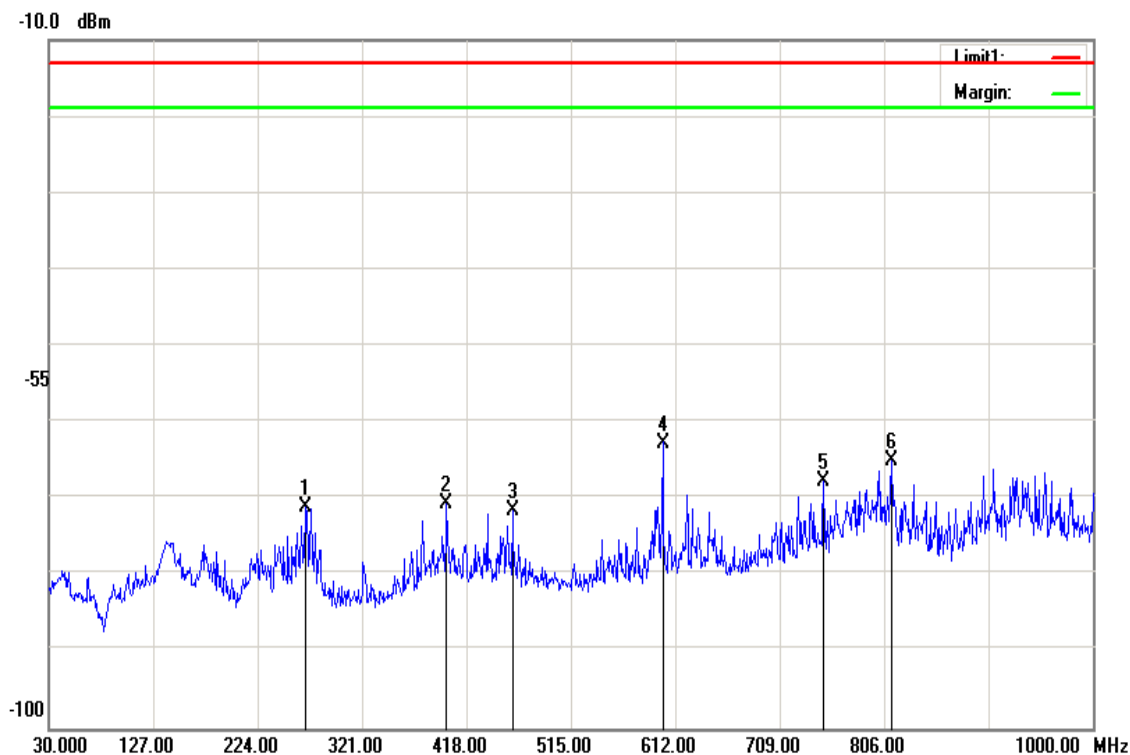
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
146.4000	-63.23	1.41	0.35	-64.29	-13.00	-51.29	H
273.4700	-71.43	1.99	5.17	-68.25	-13.00	-55.25	H
386.9600	-72.66	2.32	6	-68.98	-13.00	-55.98	H
399.5700	-67.9	2.39	5.98	-64.31	-13.00	-51.31	H
460.6800	-72.21	2.6	5.87	-68.94	-13.00	-55.94	H
600.3600	-68.04	2.9	6.4	-64.54	-13.00	-51.54	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.

LTE Band 4 / CHANNEL BANDWIDTH: 20MHz / QPSK

Operation Mode: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

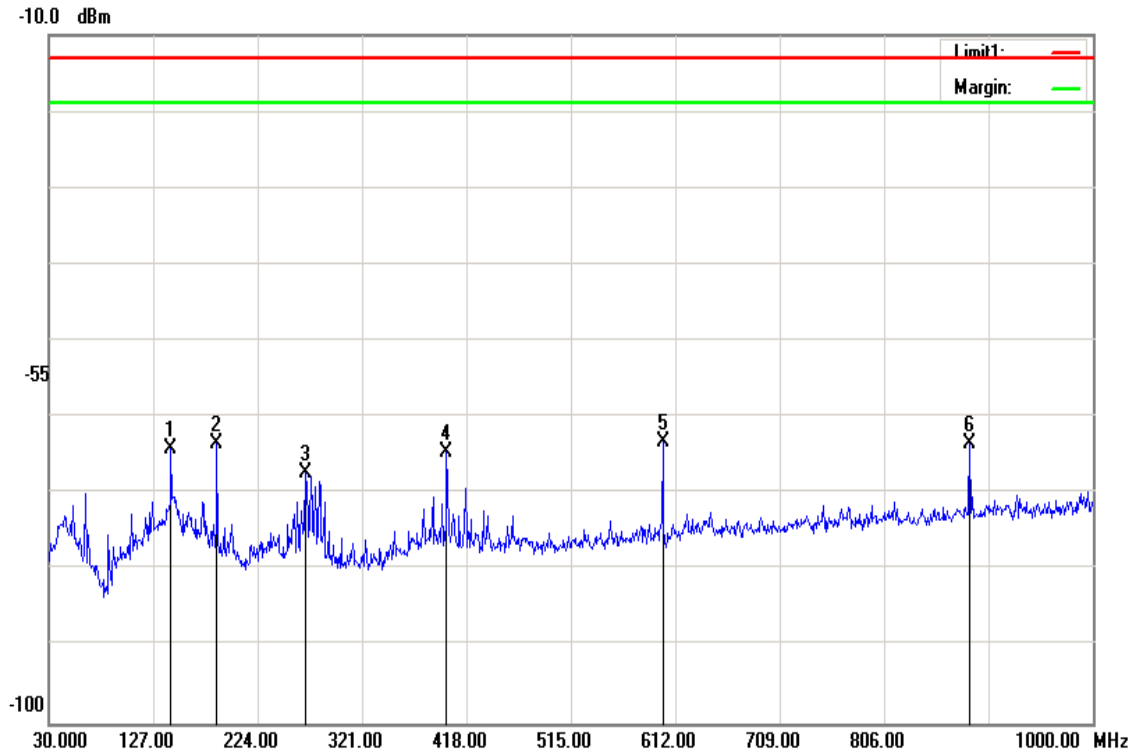


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
268.6200	-74.3	1.97	5.17	-71.10	-13.00	-58.10	V
399.5700	-74.21	2.39	5.98	-70.62	-13.00	-57.62	V
460.6800	-74.77	2.6	5.87	-71.50	-13.00	-58.50	V
600.3600	-66.15	2.9	6.4	-62.65	-13.00	-49.65	V
749.7400	-70.56	3.2	6.1	-67.66	-13.00	-54.66	V
812.7900	-67.83	3.35	6.2	-64.98	-13.00	-51.98	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: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.



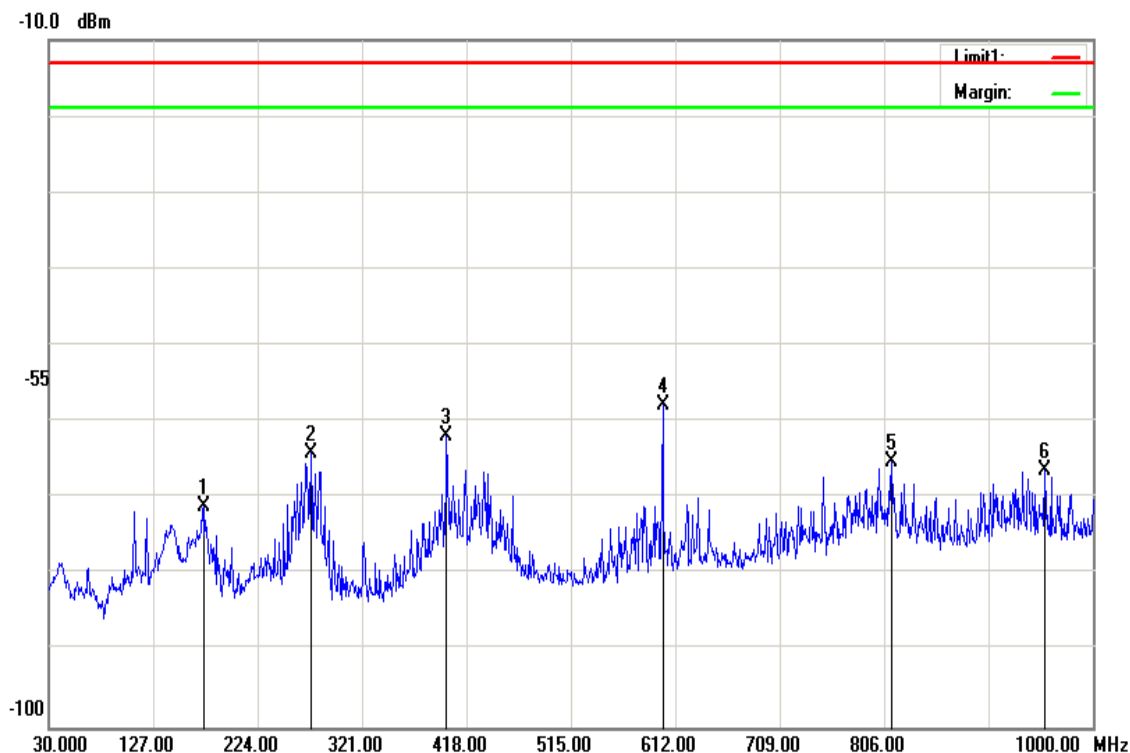
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
143.4900	-62.8	1.4	0.08	-64.12	-13.00	-51.12	H
186.1700	-65.69	1.62	3.85	-63.46	-13.00	-50.46	H
268.6200	-70.41	1.97	5.17	-67.21	-13.00	-54.21	H
399.5700	-68.13	2.39	5.98	-64.54	-13.00	-51.54	H
600.3600	-66.79	2.9	6.4	-63.29	-13.00	-50.29	H
885.5400	-66.73	3.48	6.7	-63.51	-13.00	-50.51	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.

LTE Band 4 / CHANNEL BANDWIDTH: 20MHz / 16QAM

Operation Mode: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

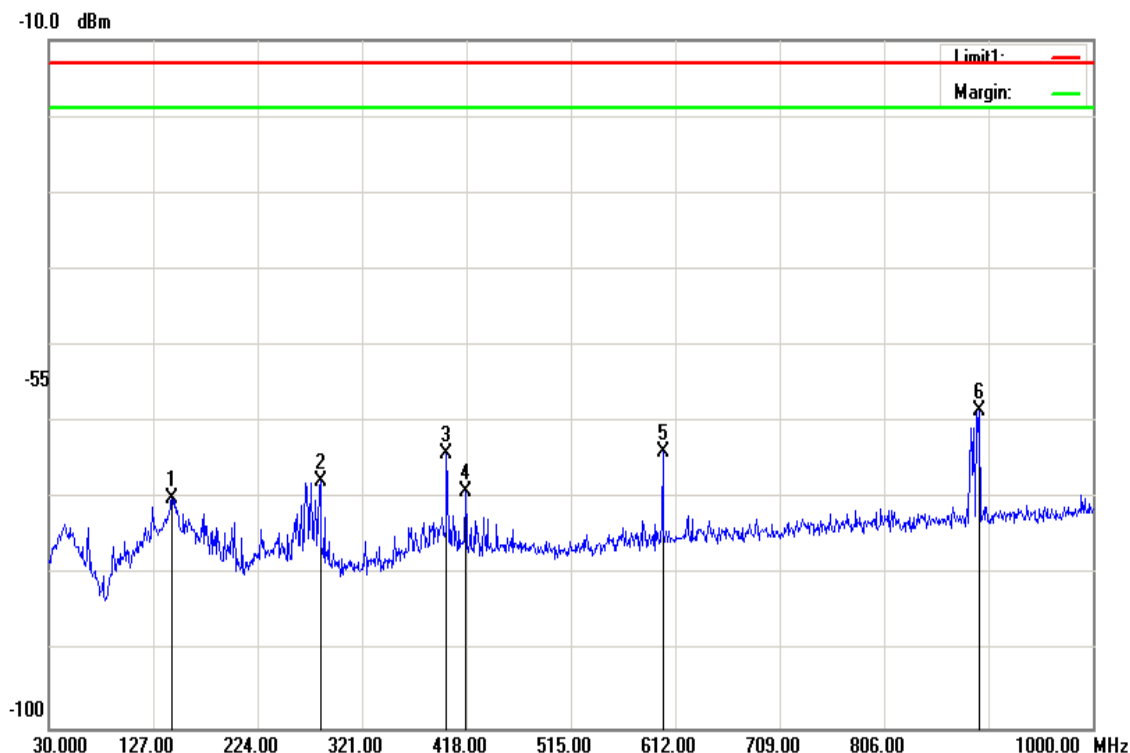


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
174.5300	-72.43	1.59	3	-71.02	-13.00	-58.02	V
273.4700	-67.4	1.99	5.17	-64.22	-13.00	-51.22	V
399.5700	-65.43	2.39	5.98	-61.84	-13.00	-48.84	V
600.3600	-61.42	2.9	6.4	-57.92	-13.00	-44.92	V
812.7900	-68.1	3.35	6.2	-65.25	-13.00	-52.25	V
955.3800	-69.1	3.65	6.37	-66.38	-13.00	-53.38	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: Tx / Middle channel **Test Date:** May 24, 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)
144.4600	-68.76	1.41	0.17	-70.00	-13.00	-57.00	H
282.2000	-71.13	2.01	5.33	-67.81	-13.00	-54.81	H
399.5700	-67.72	2.39	5.98	-64.13	-13.00	-51.13	H
417.0300	-72.43	2.46	5.84	-69.05	-13.00	-56.05	H
600.3600	-67.35	2.9	6.4	-63.85	-13.00	-50.85	H
894.2700	-61.62	3.51	6.67	-58.46	-13.00	-45.46	H

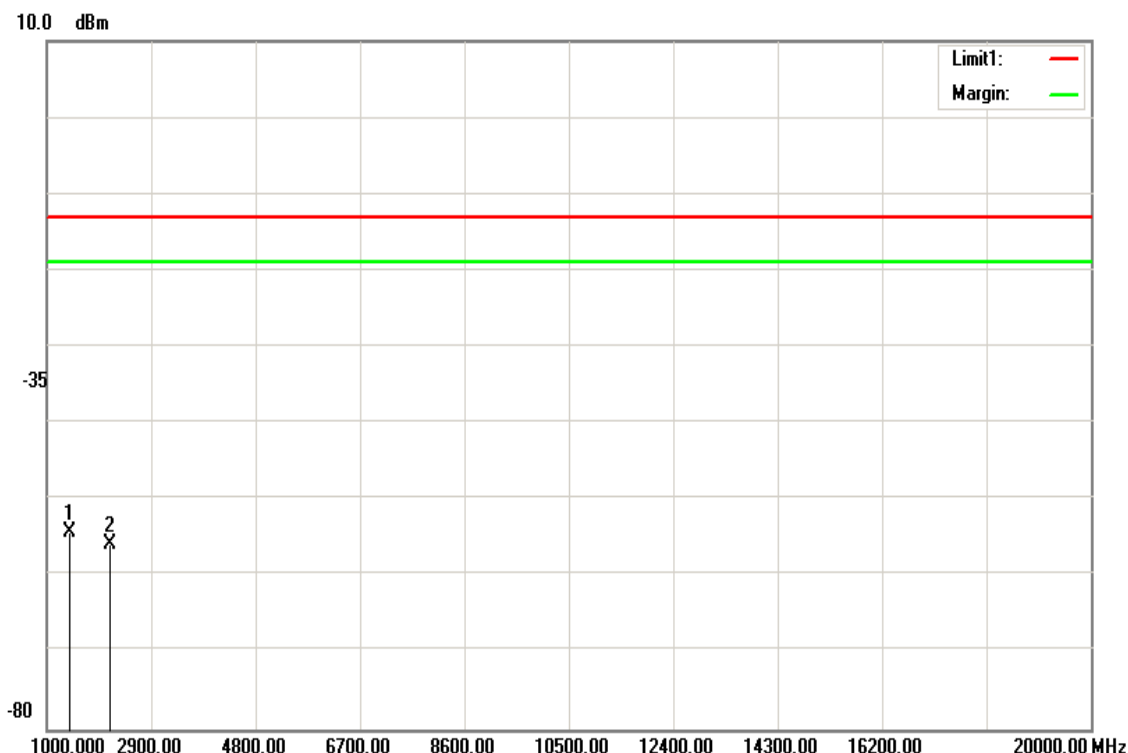
Remark:

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

LTE Band 17 / CHANNEL BANDWIDTH: 5MHz / QPSK

Operation Mode: Tx / Low channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

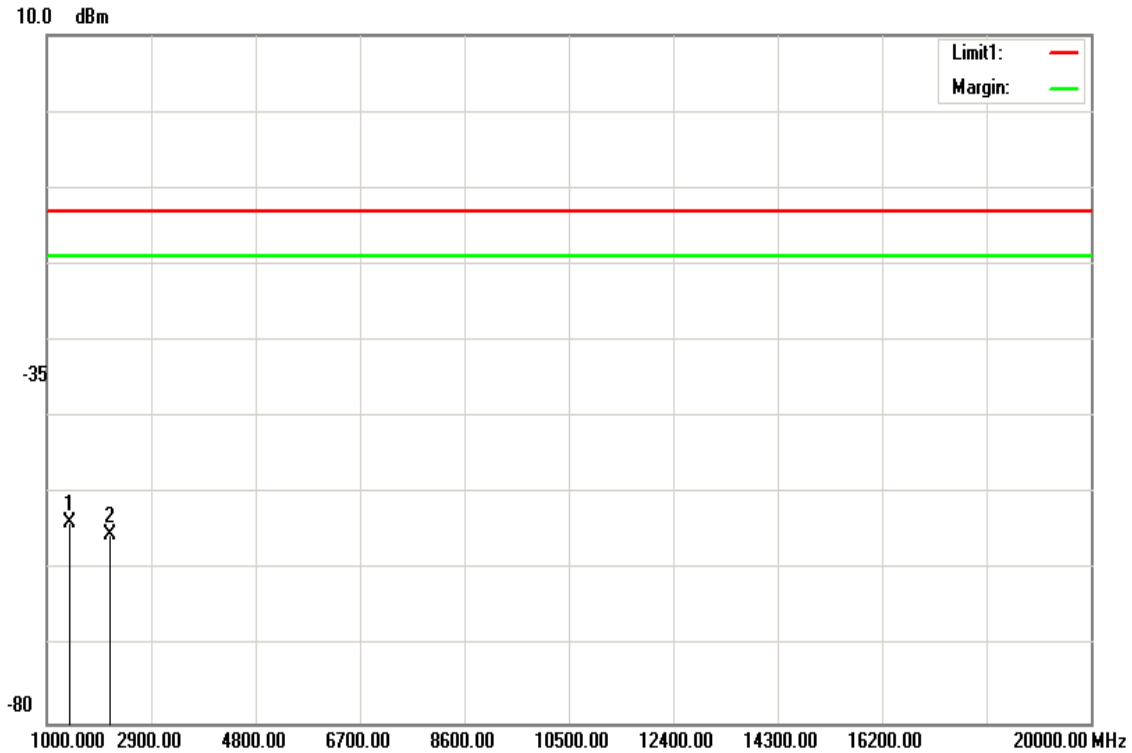


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1413.000	-55.28	4.67	5.67	-54.28	-13.00	-41.28	V
2141.000	-55.54	5.85	5.6	-55.79	-13.00	-42.79	V
N/A							

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: Tx / Low channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

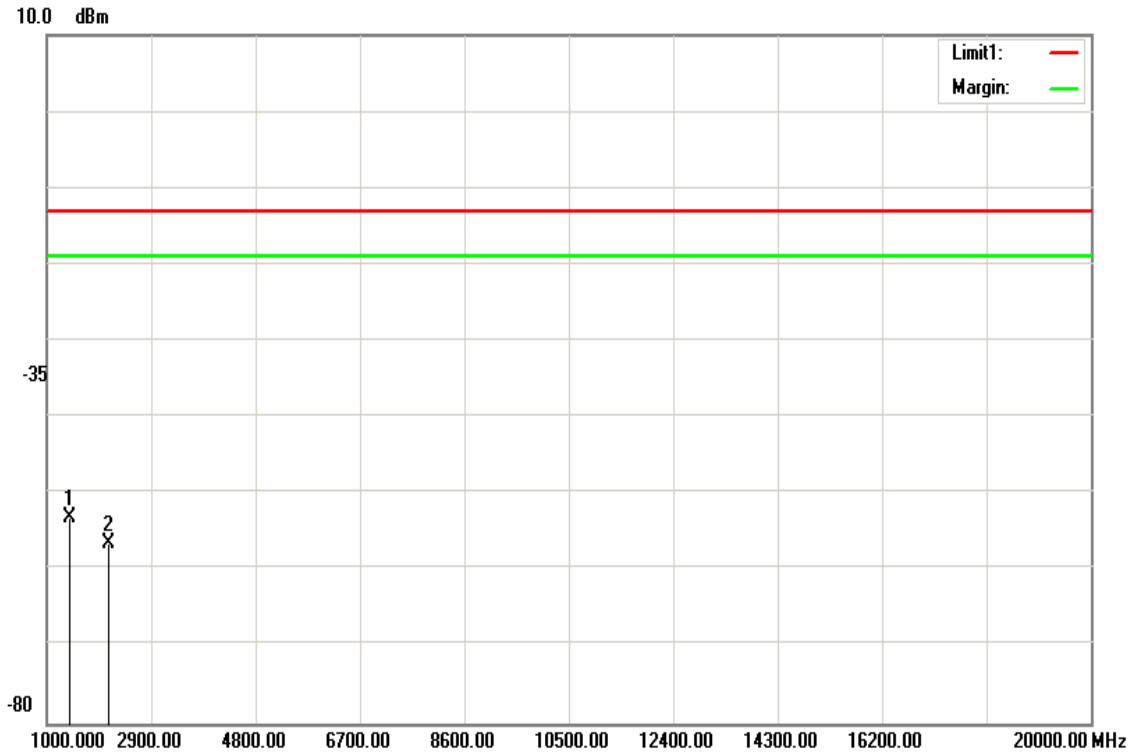


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1413.000	-54.68	4.67	5.67	-53.68	-13.00	-40.68	H
2141.000	-55.19	5.85	5.6	-55.44	-13.00	-42.44	H
N/A							

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: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

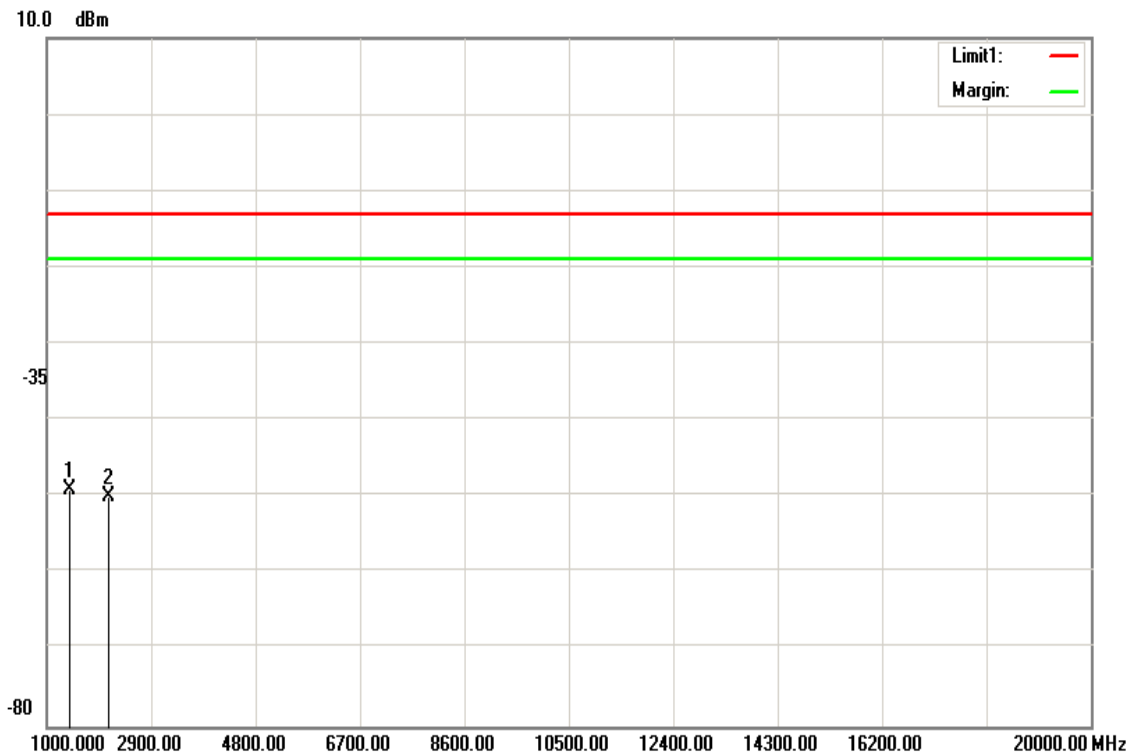


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1427.000	-54.26	4.7	5.77	-53.19	-13.00	-40.19	V
2134.000	-56.22	5.84	5.59	-56.47	-13.00	-43.47	V
N/A							

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: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

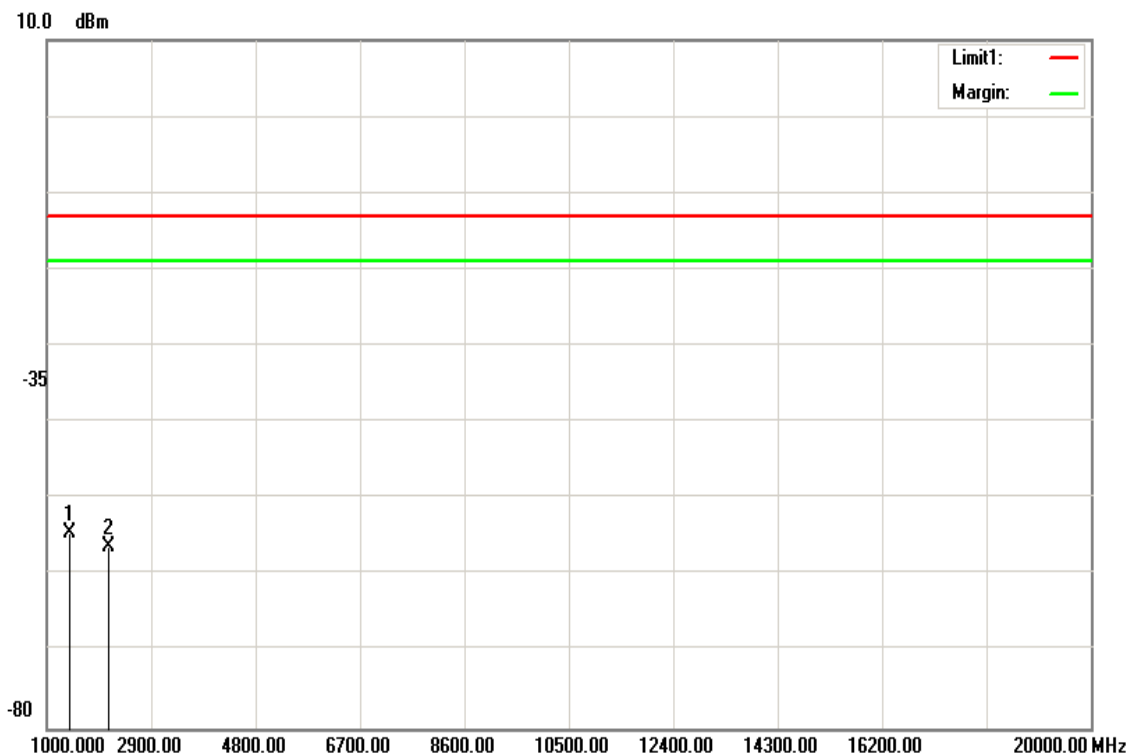


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1427.000	-50.02	4.7	5.77	-48.95	-13.00	-35.95	H
2134.000	-49.63	5.84	5.59	-49.88	-13.00	-36.88	H
N/A							

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: Tx / High channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

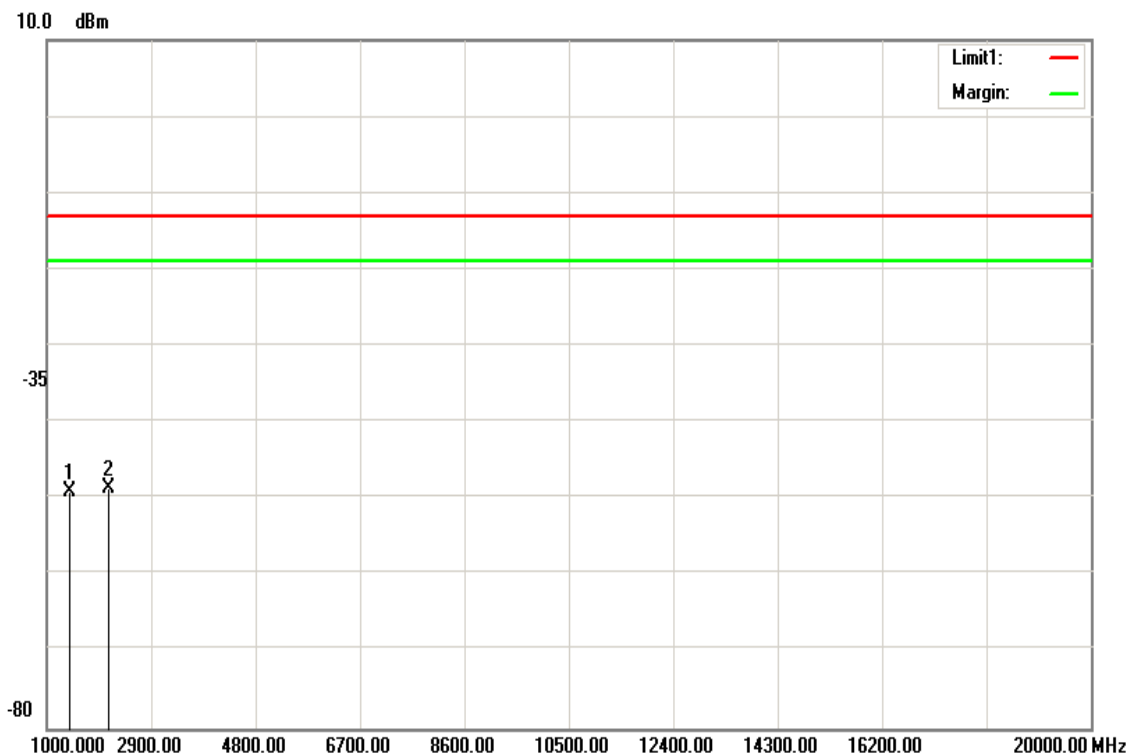


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1427.000	-55.44	4.7	5.77	-54.37	-13.00	-41.37	V
2139.000	-55.96	5.85	5.59	-56.22	-13.00	-43.22	V
N/A							

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: Tx / High channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.



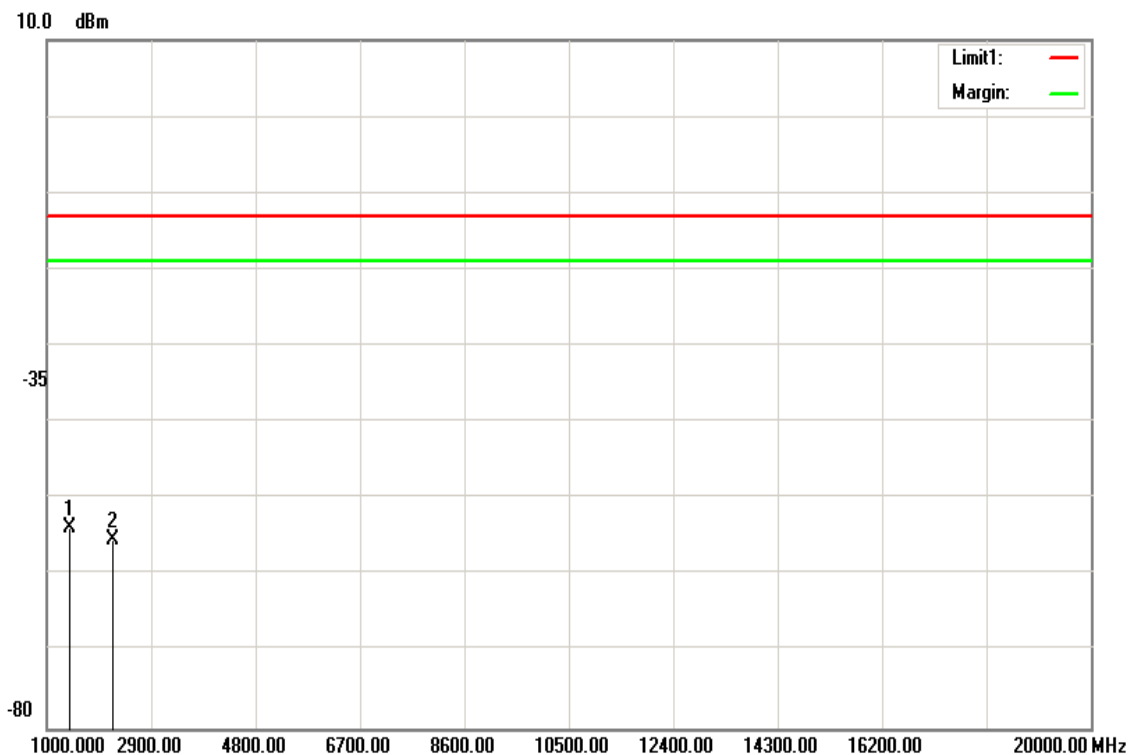
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1427.000	-50.09	4.7	5.77	-49.02	-13.00	-36.02	H
2139.000	-48.35	5.85	5.59	-48.61	-13.00	-35.61	H
N/A							

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.

LTE Band 17 / CHANNEL BANDWIDTH: 10MHz / QPSK

Operation Mode: Tx / Low channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

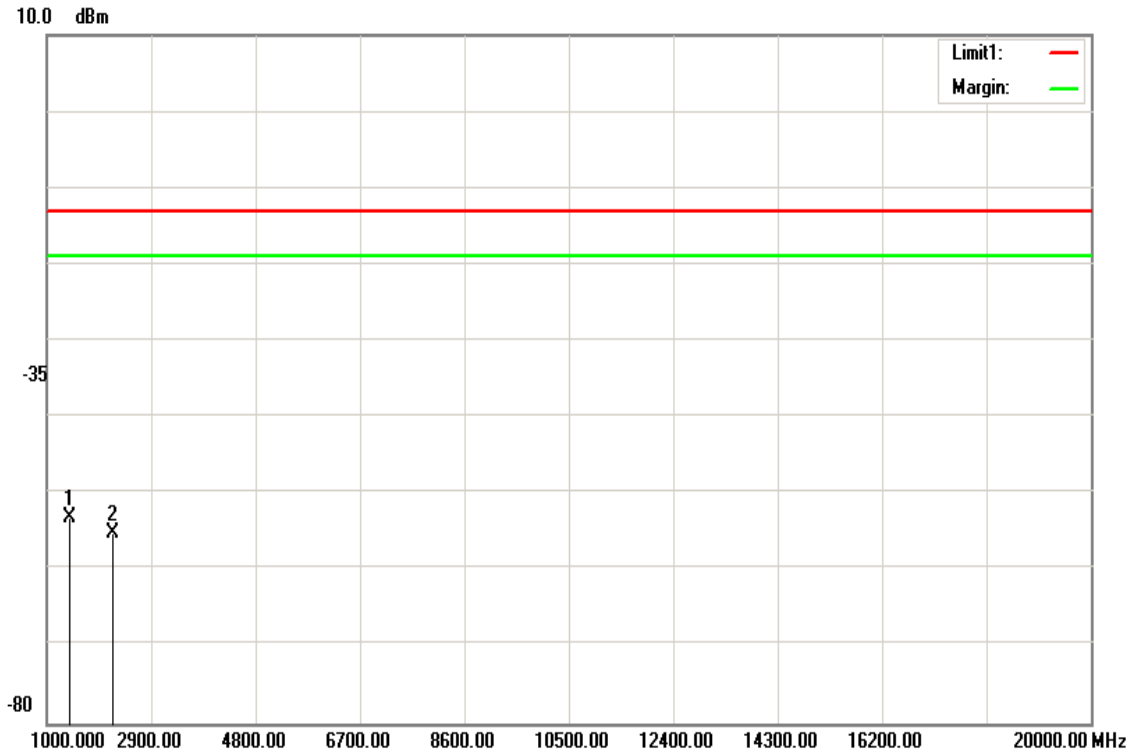


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1420.000	-54.88	4.68	5.72	-53.84	-13.00	-40.84	V
2197.000	-55.1	5.94	5.68	-55.36	-13.00	-42.36	V
N/A							

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: Tx / Low channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

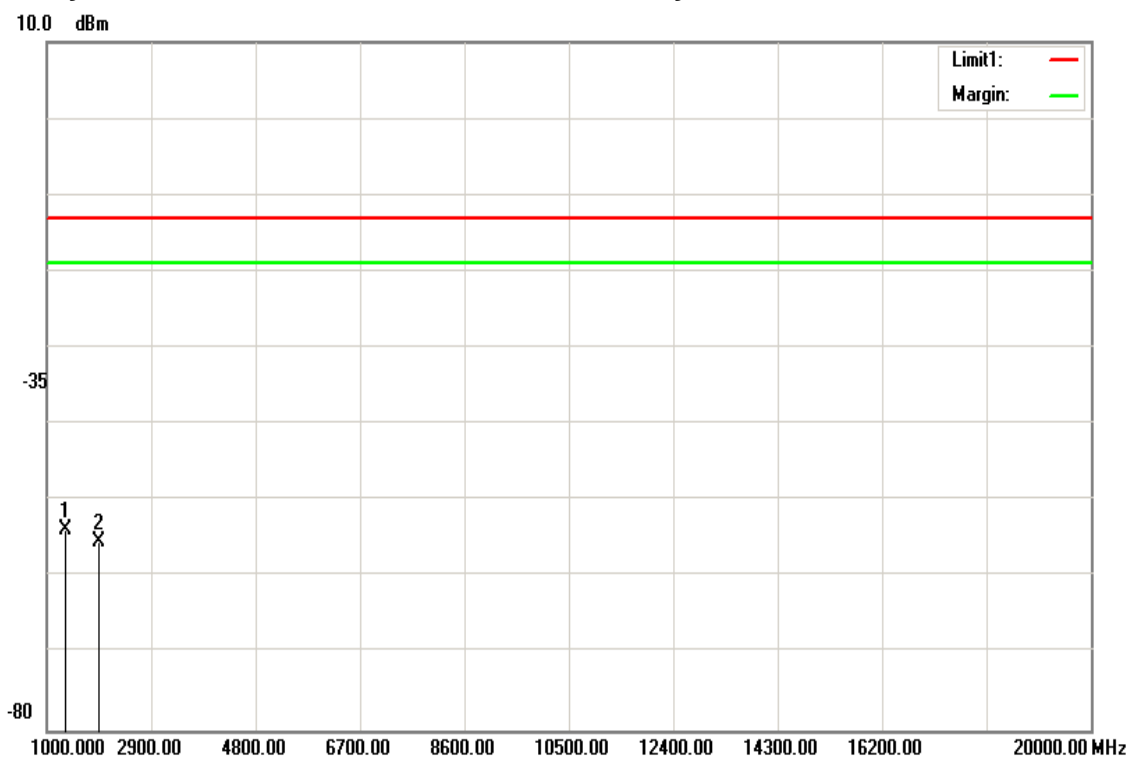


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1420.000	-54.18	4.68	5.72	-53.14	-13.00	-40.14	H
2197.000	-54.92	5.94	5.68	-55.18	-13.00	-42.18	H
N/A							

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: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

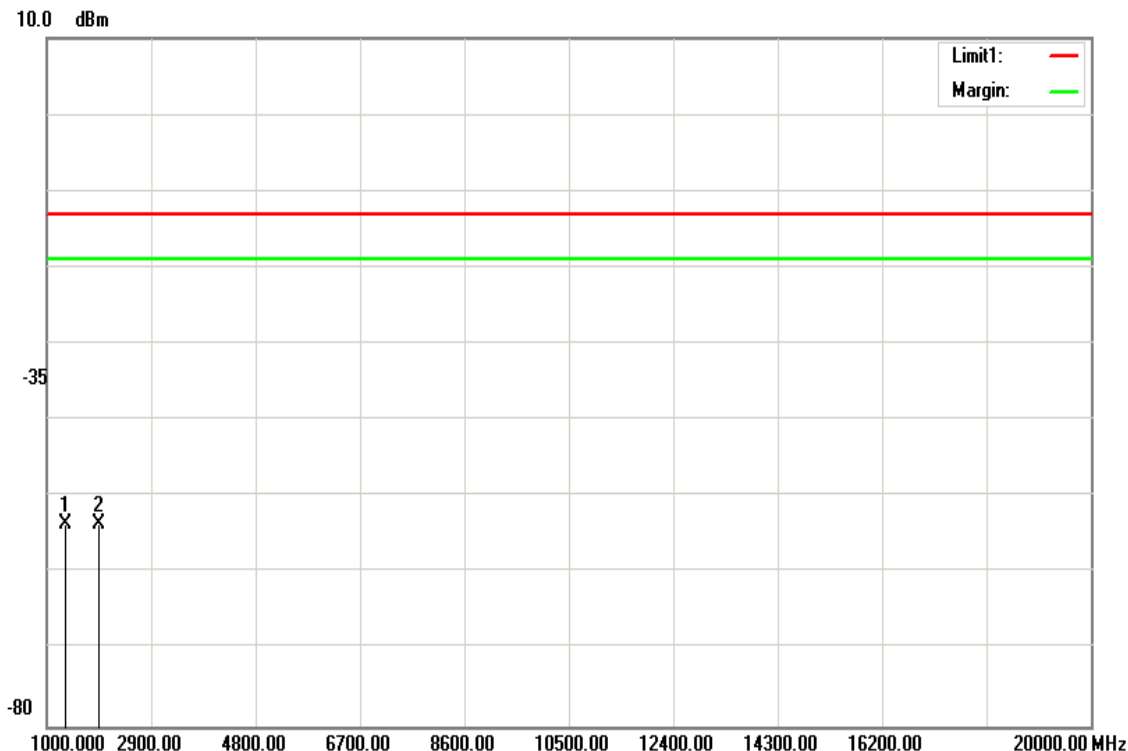


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1336.000	-54.4	4.56	5.12	-53.84	-13.00	-40.84	V
1956.000	-55.24	5.6	5.48	-55.36	-13.00	-42.36	V
N/A							

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: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

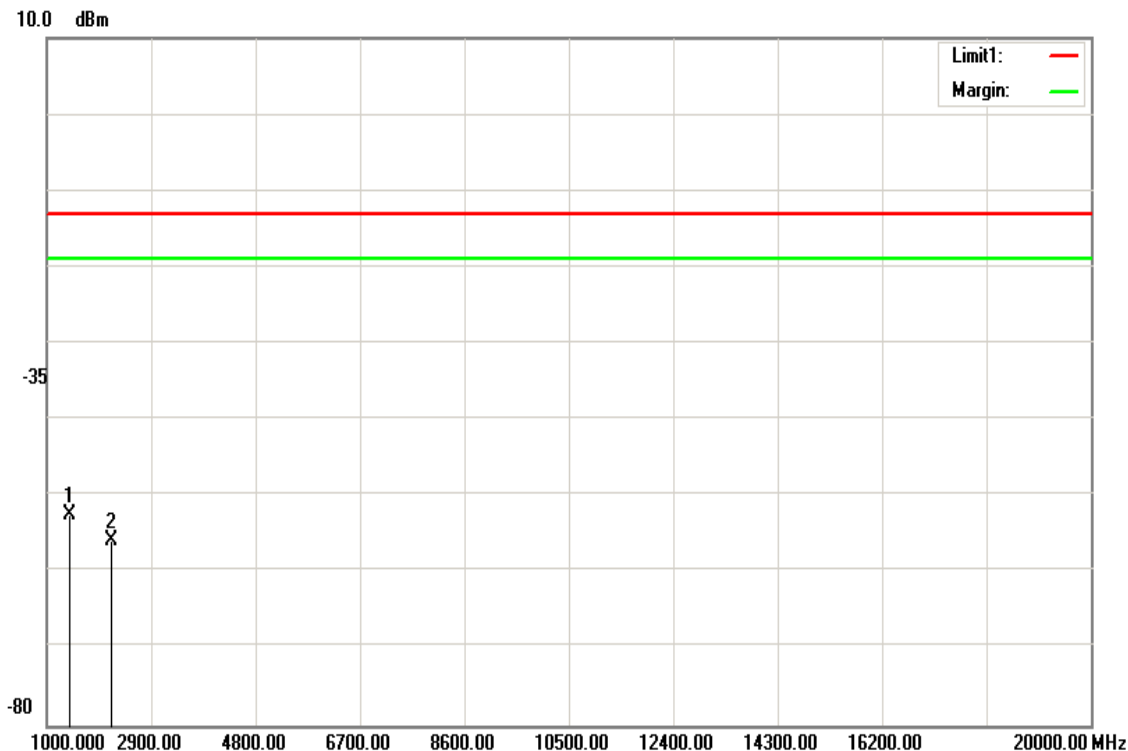


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1336.000	-54.12	4.56	5.12	-53.56	-13.00	-40.56	H
1956.000	-53.39	5.6	5.48	-53.51	-13.00	-40.51	H
N/A							

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: Tx / High channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

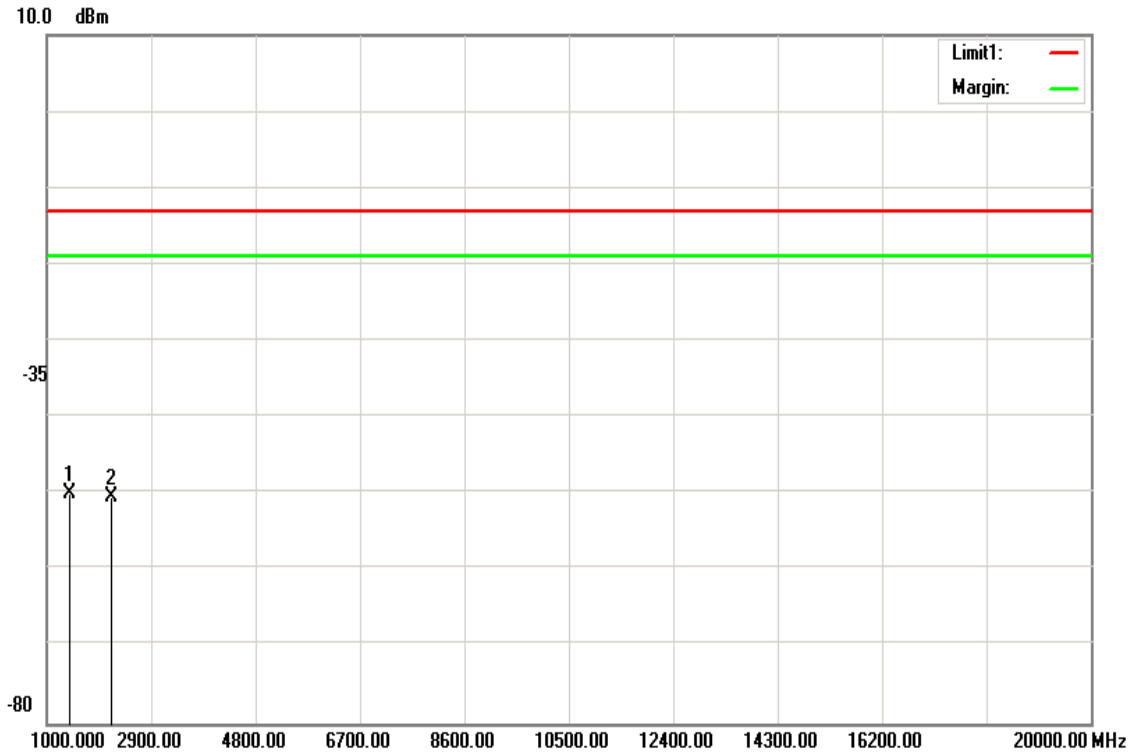


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1420.000	-53.54	4.68	5.72	-52.50	-13.00	-39.50	V
2176.000	-55.44	5.91	5.65	-55.70	-13.00	-42.70	V
N/A							

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: Tx / High channel **Test Date:** May 24, 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)
1420.000	-50.9	4.68	5.72	-49.86	-13.00	-36.86	H
2176.000	-50.26	5.91	5.65	-50.52	-13.00	-37.52	H
N/A							

Remark:

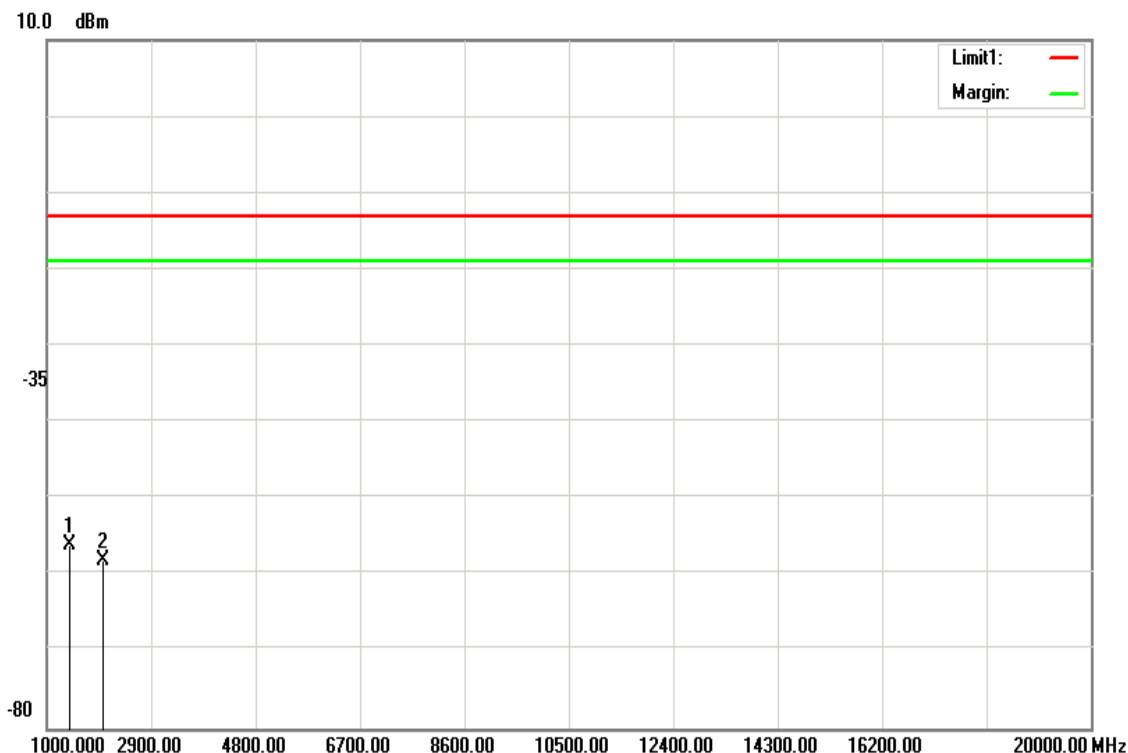
1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered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

LTE Band 17 / CHANNEL BANDWIDTH: 5MHz / 16QAM

Operation Mode: Tx / Low channel **Test Date:** May 24, 2016

Temperature: 22.6°C **Tested by:** Dennis Li

Humidity: 57.2% RH **Polarity:** Ver.

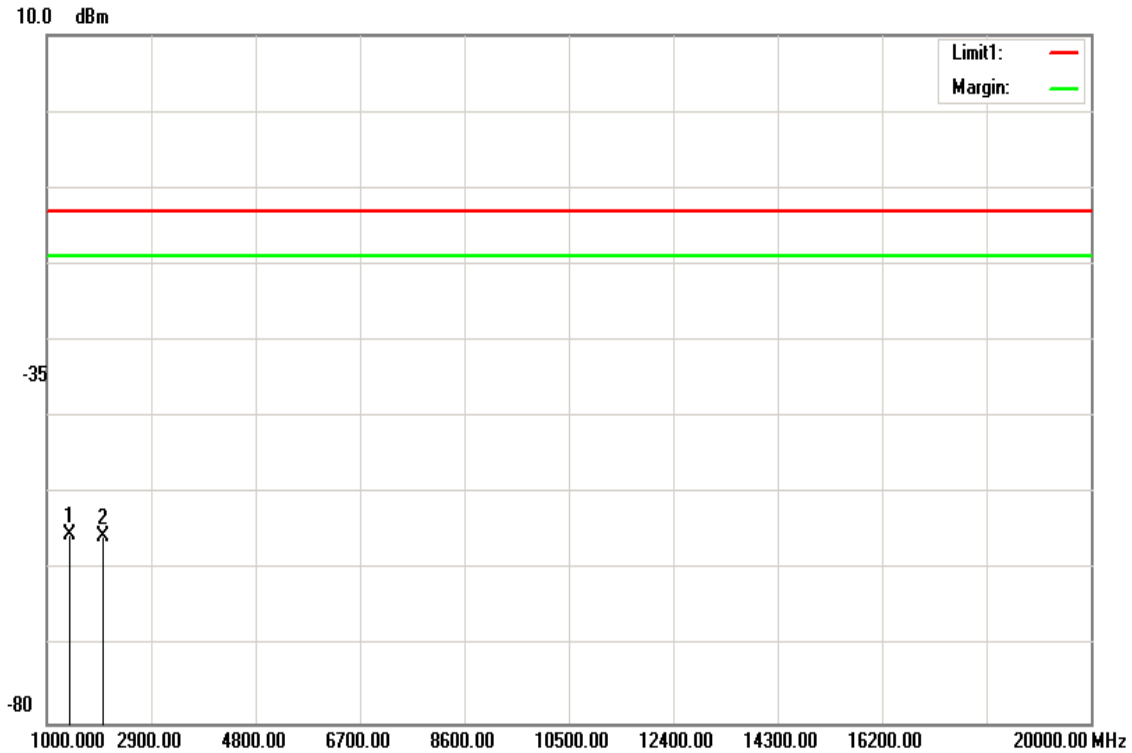


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1413.000	-56.99	4.67	5.67	-55.99	-13.00	-42.99	V
2015.000	-57.64	5.73	5.42	-57.95	-13.00	-44.95	V
N/A							

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: Tx / Low channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

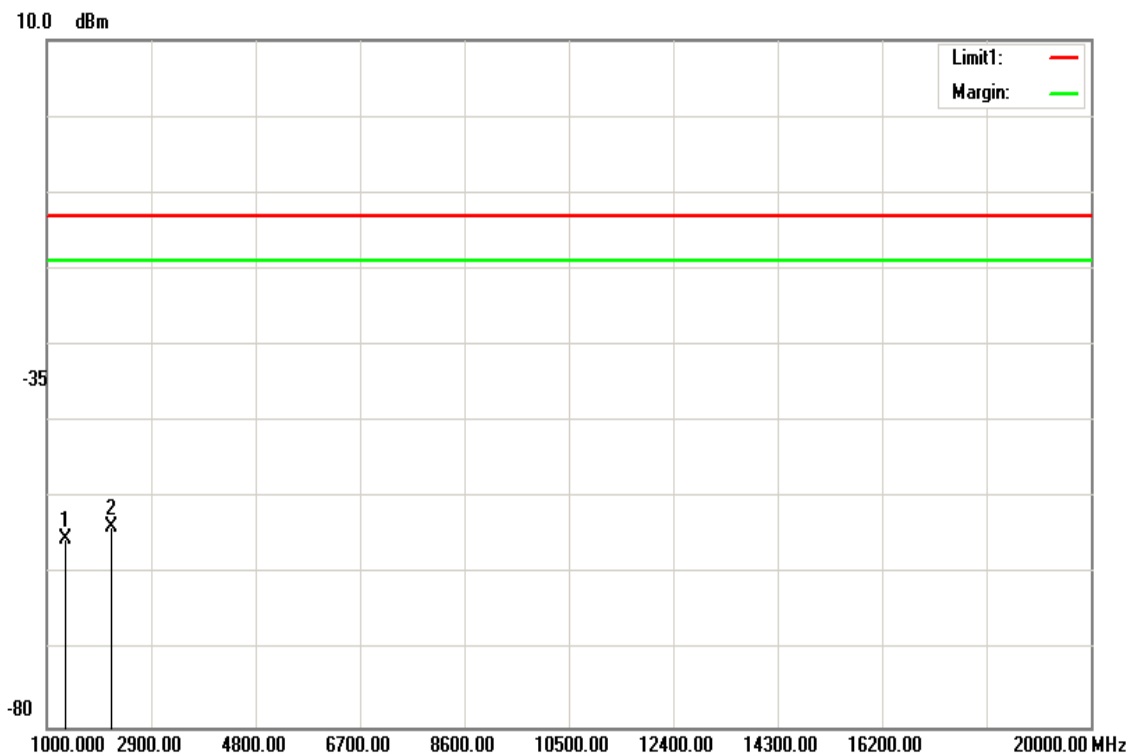


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1413.000	-56.26	4.67	5.67	-55.26	-13.00	-42.26	H
2015.000	-55.2	5.73	5.42	-55.51	-13.00	-42.51	H
N/A							

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: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

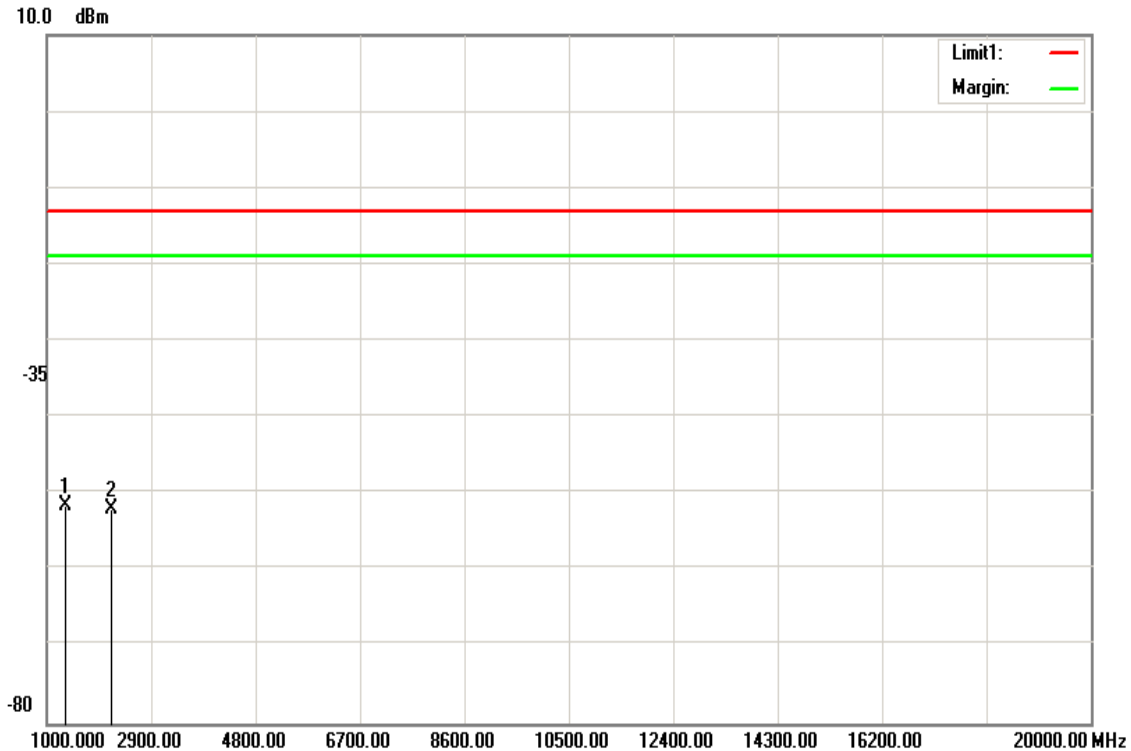


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1336.000	-55.84	4.56	5.12	-55.28	-13.00	-42.28	V
2174.000	-53.56	5.91	5.64	-53.83	-13.00	-40.83	V
N/A							

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: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

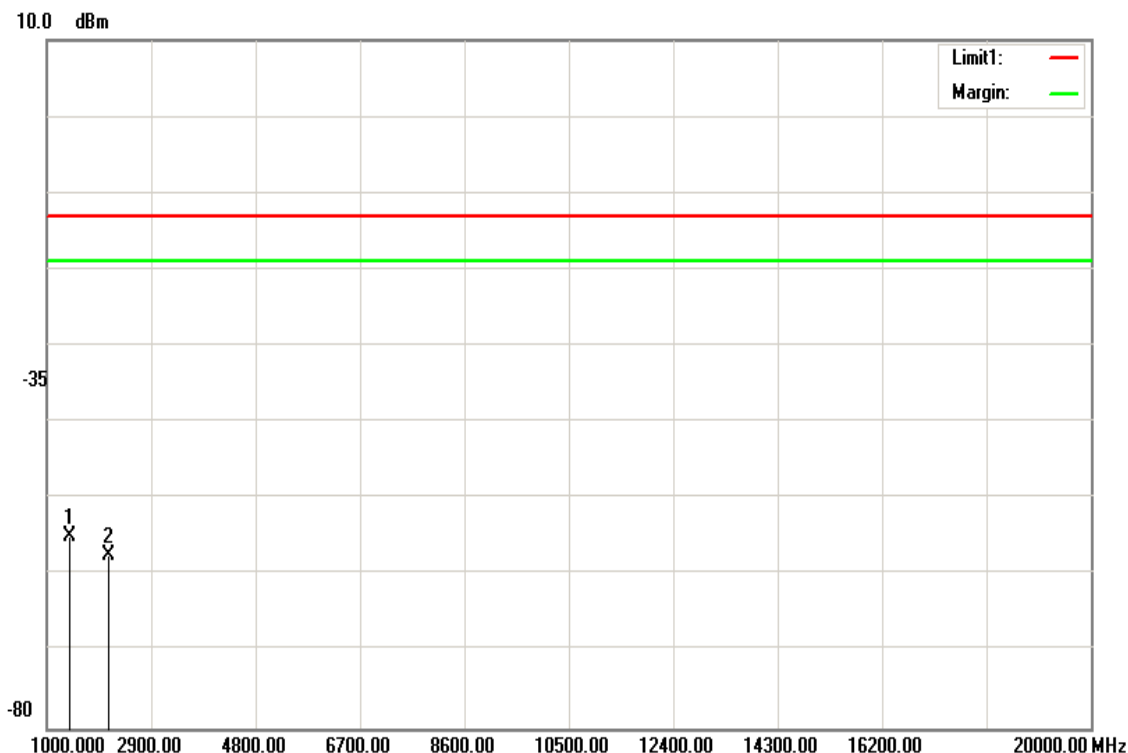


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1336.000	-52.09	4.56	5.12	-51.53	-13.00	-38.53	H
2174.000	-51.62	5.91	5.64	-51.89	-13.00	-38.89	H
N/A							

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: Tx / High channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

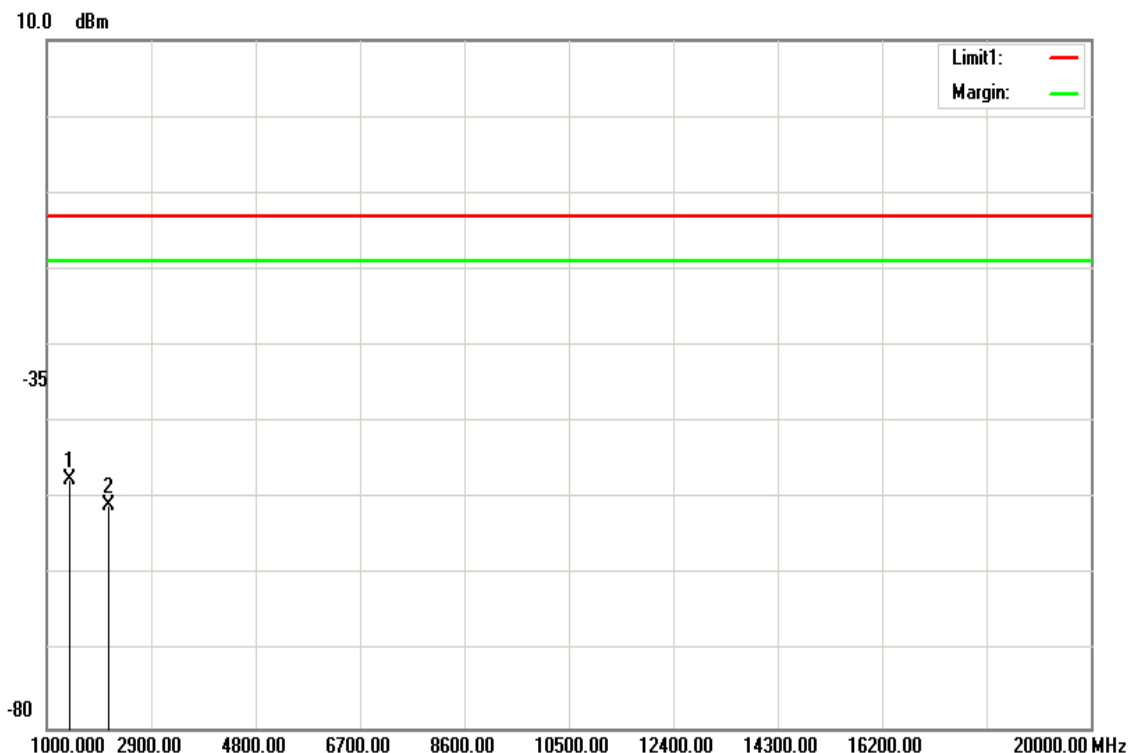


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1427.000	-56.06	4.7	5.77	-54.99	-13.00	-41.99	V
2134.000	-57.1	5.84	5.59	-57.35	-13.00	-44.35	V
N/A							

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: Tx / High channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.



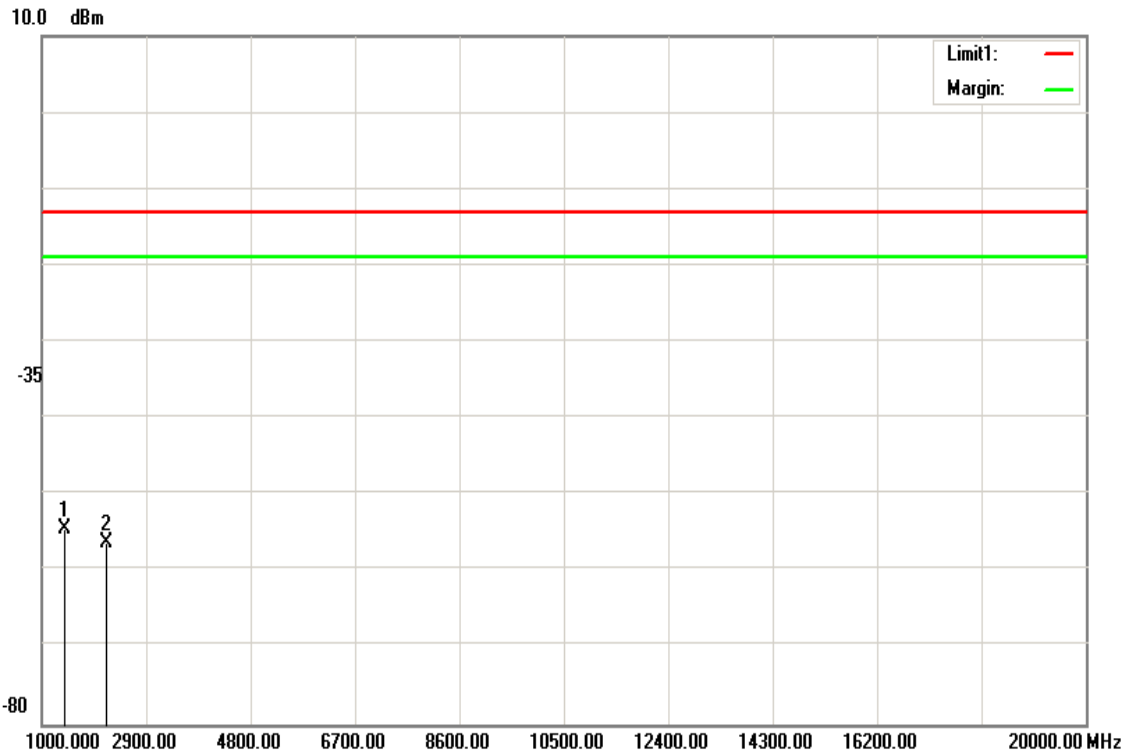
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1427.000	-48.65	4.7	5.77	-47.58	-13.00	-34.58	H
2134.000	-50.56	5.84	5.59	-50.81	-13.00	-37.81	H
N/A							

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.

LTE Band 17 / CHANNEL BANDWIDTH: 10MHz / 16QAM

Operation Mode: Tx / Low channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

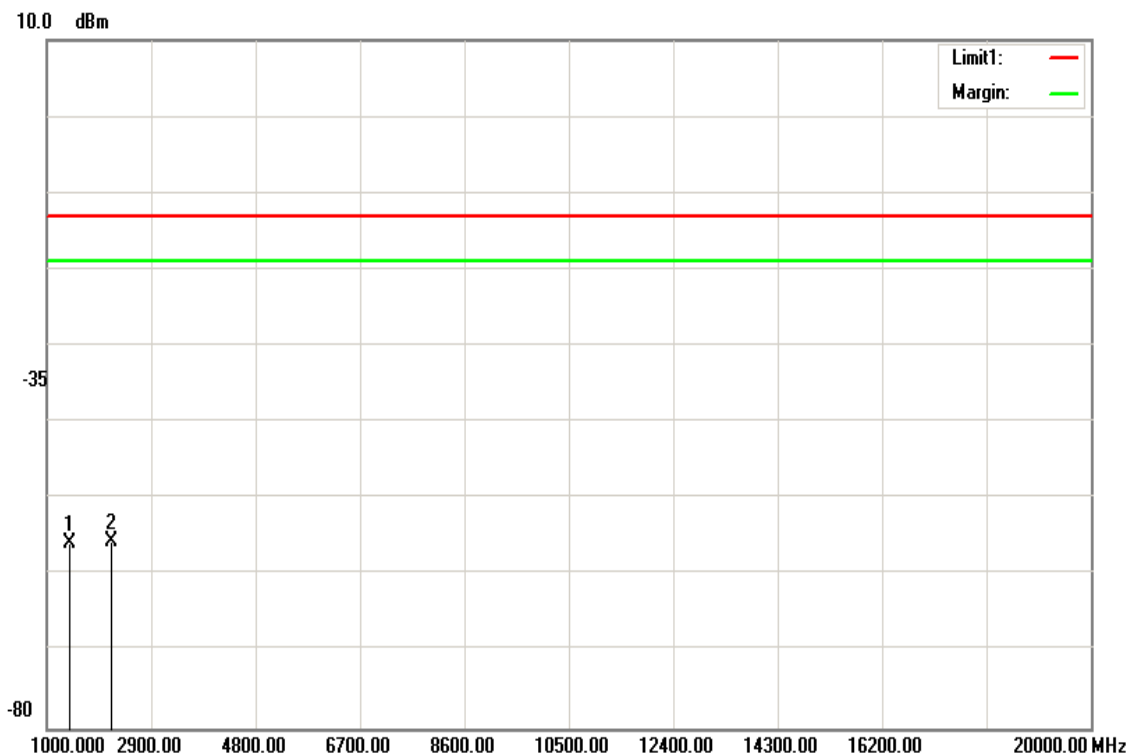


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1420.000	-55.49	4.68	5.72	-54.45	-13.00	-41.45	V
2176.000	-55.98	5.91	5.65	-56.24	-13.00	-43.24	V
N/A							

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: Tx / Low channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

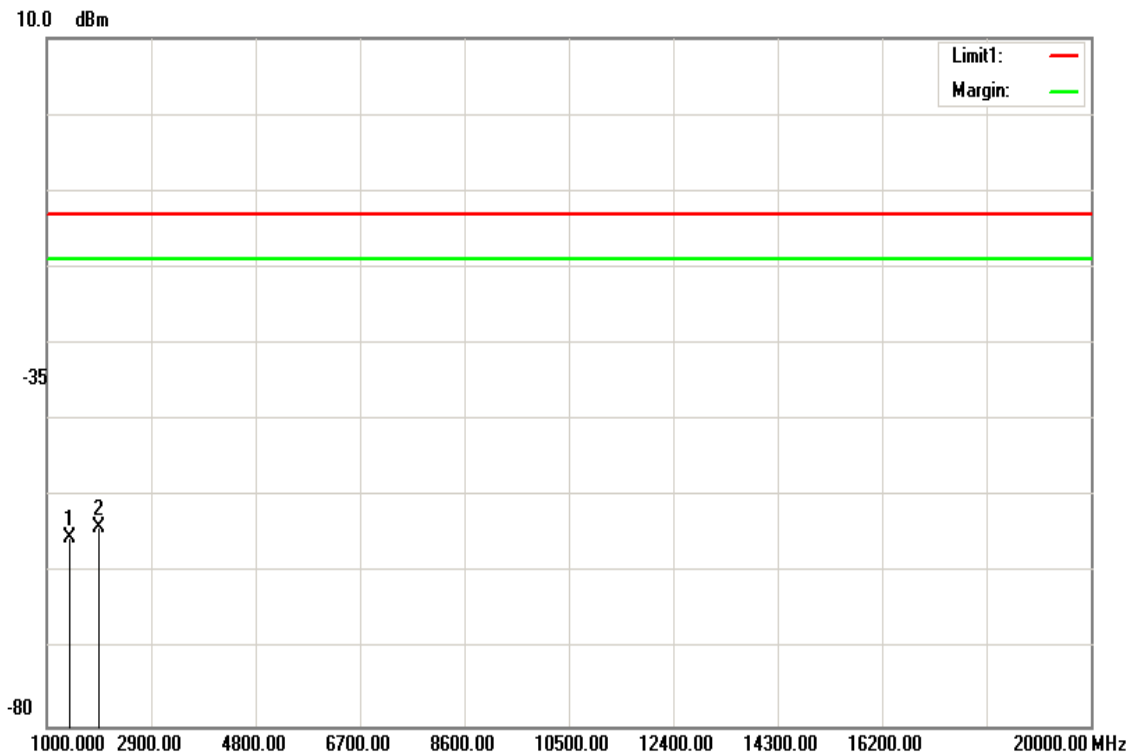


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1420.000	-56.92	4.68	5.72	-55.88	-13.00	-42.88	H
2176.000	-55.24	5.91	5.65	-55.50	-13.00	-42.50	H
N/A							

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: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

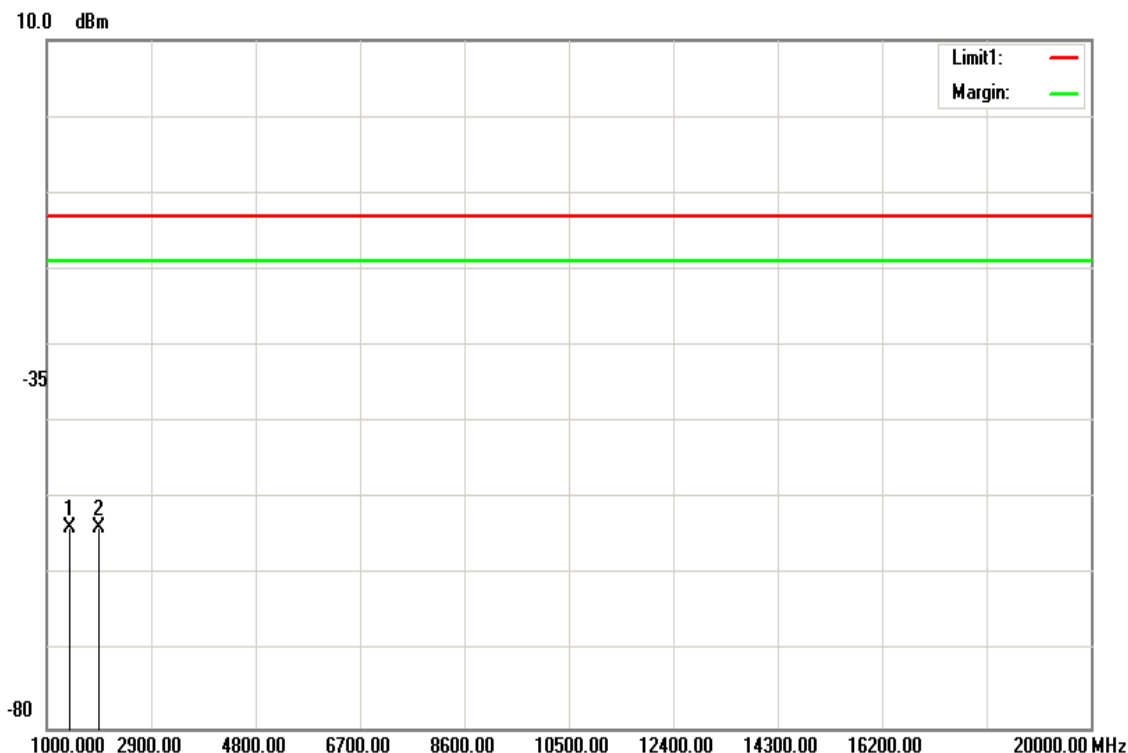


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1420.000	-56.47	4.68	5.72	-55.43	-13.00	-42.43	V
1952.000	-53.95	5.59	5.49	-54.05	-13.00	-41.05	V
N/A							

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: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

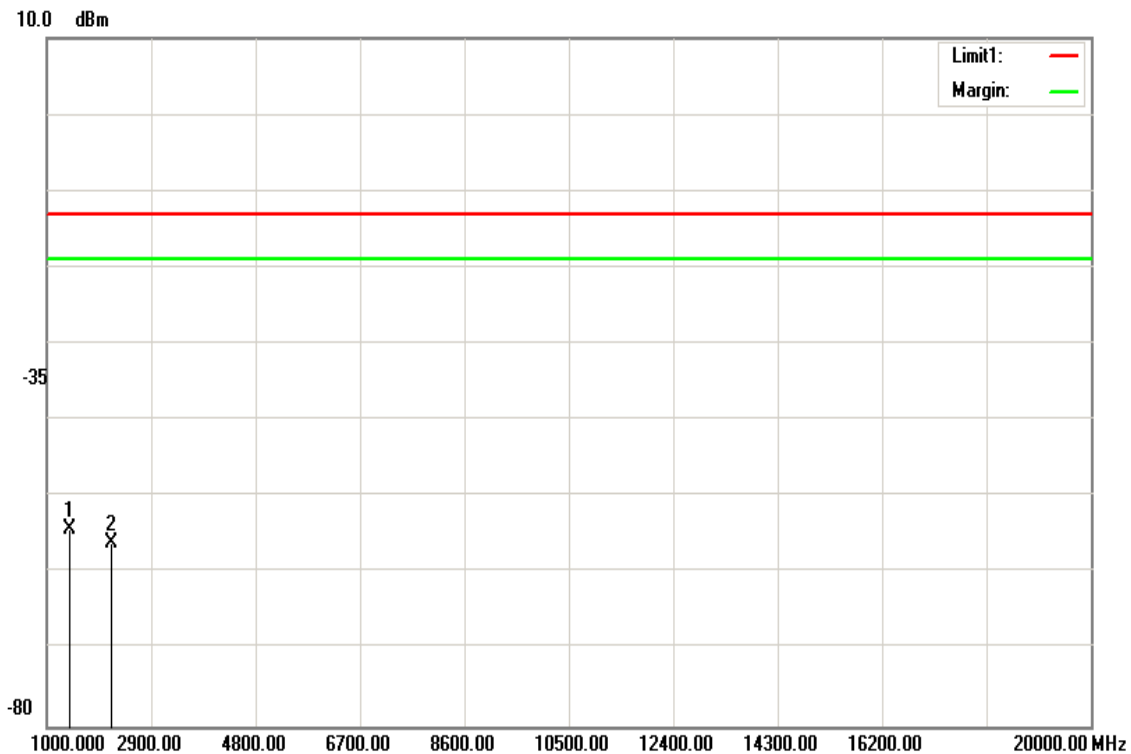


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1420.000	-54.91	4.68	5.72	-53.87	-13.00	-40.87	H
1952.000	-53.67	5.59	5.49	-53.77	-13.00	-40.77	H
N/A							

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: Tx / High channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

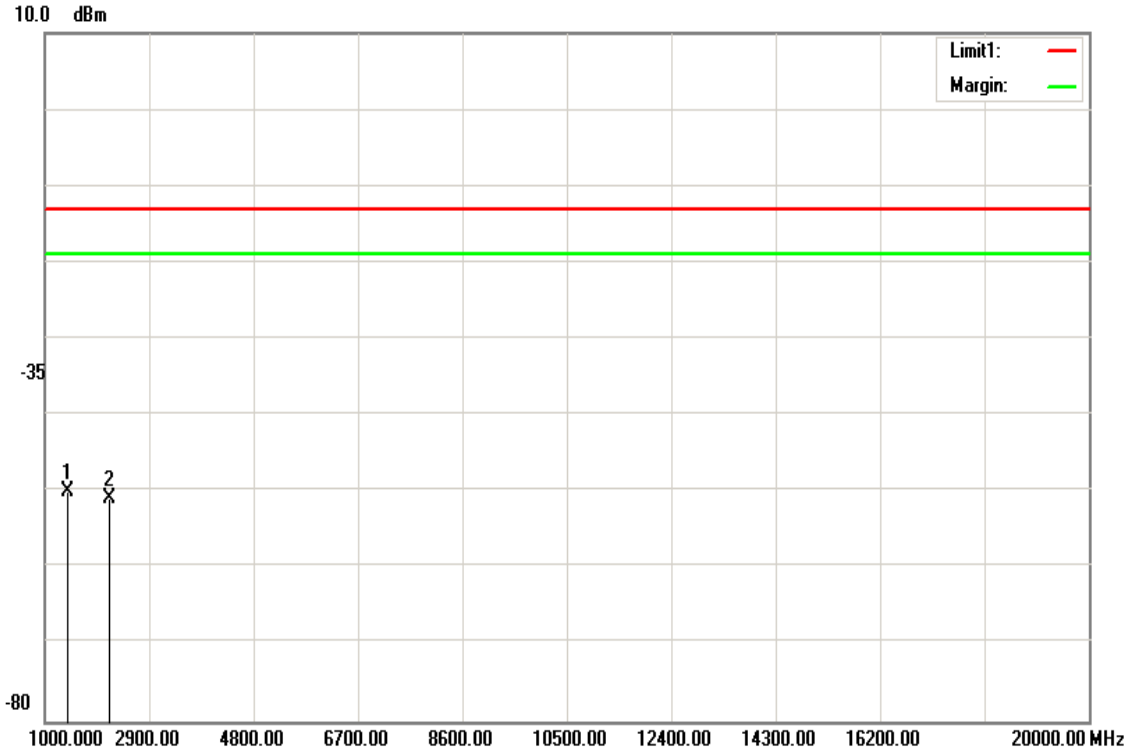


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1420.000	-55.28	4.68	5.72	-54.24	-13.00	-41.24	V
2176.000	-55.69	5.91	5.65	-55.95	-13.00	-42.95	V
N/A							

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: Tx / High channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.



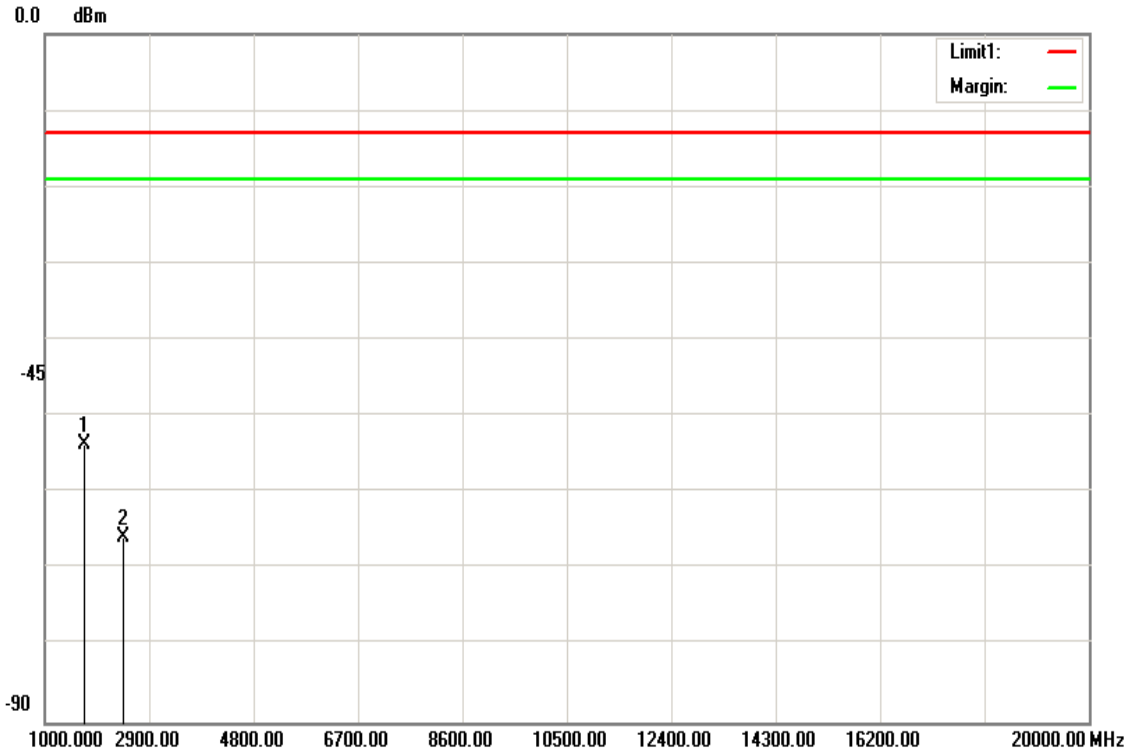
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1420.000	-50.97	4.68	5.72	-49.93	-13.00	-36.93	H
2176.000	-50.63	5.91	5.65	-50.89	-13.00	-37.89	H
N/A							

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.

LTE Band 13 / CHANNEL BANDWIDTH: 5MHz / QPSK

Operation Mode: Tx / Low channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

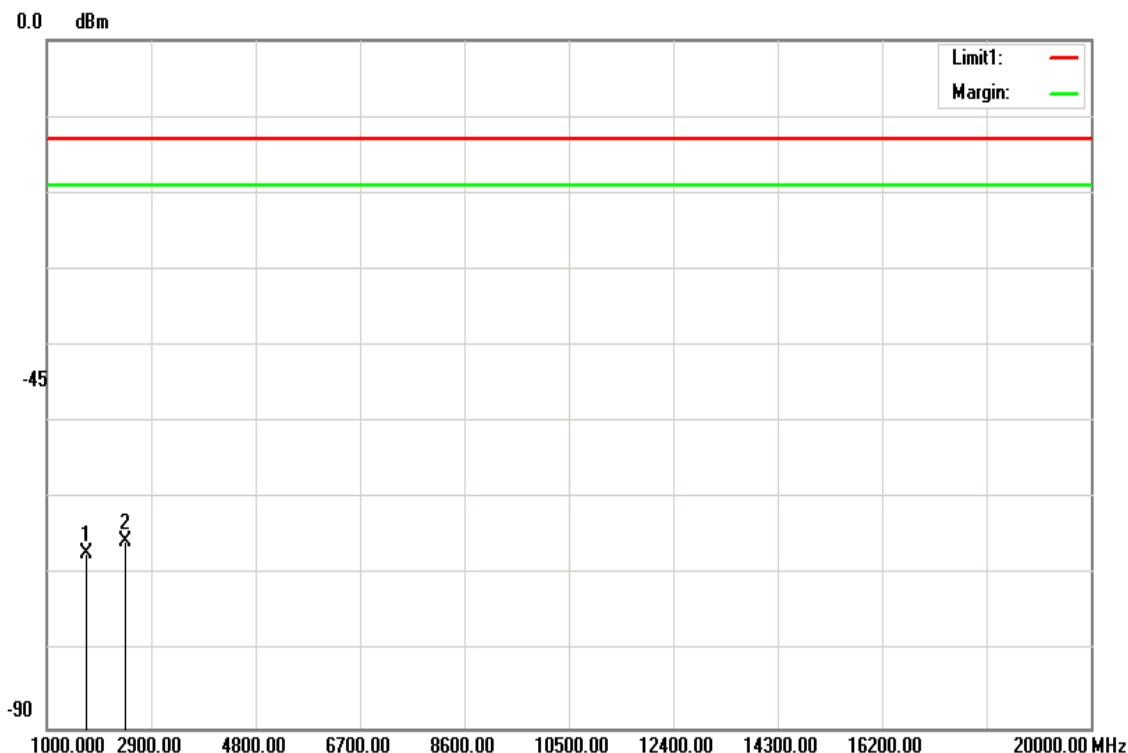


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1721.000	-54.51	5.15	5.9	-53.76	-13.00	-40.76	V
2442.000	-65.57	6.25	6.02	-65.80	-13.00	-52.80	V
N/A							

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: Tx / Low channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

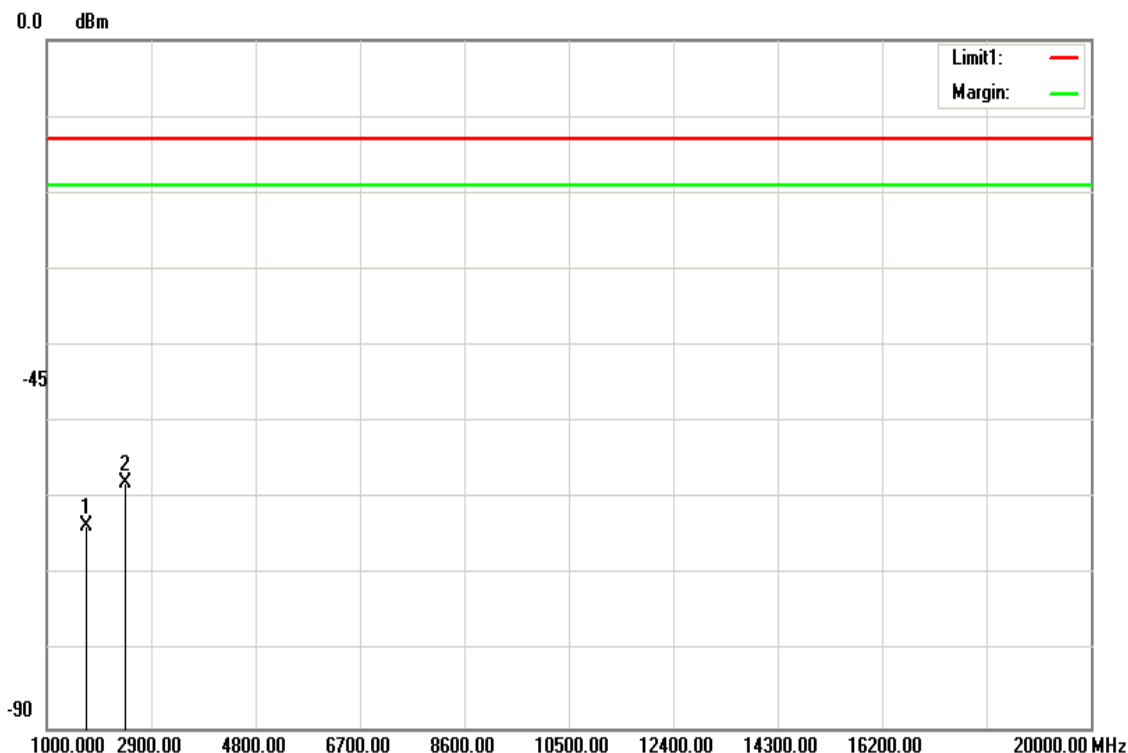


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1721.000	-67.83	5.15	5.9	-67.08	-13.00	-54.08	H
2442.000	-65.46	6.25	6.02	-65.69	-13.00	-52.69	H
N/A							

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: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

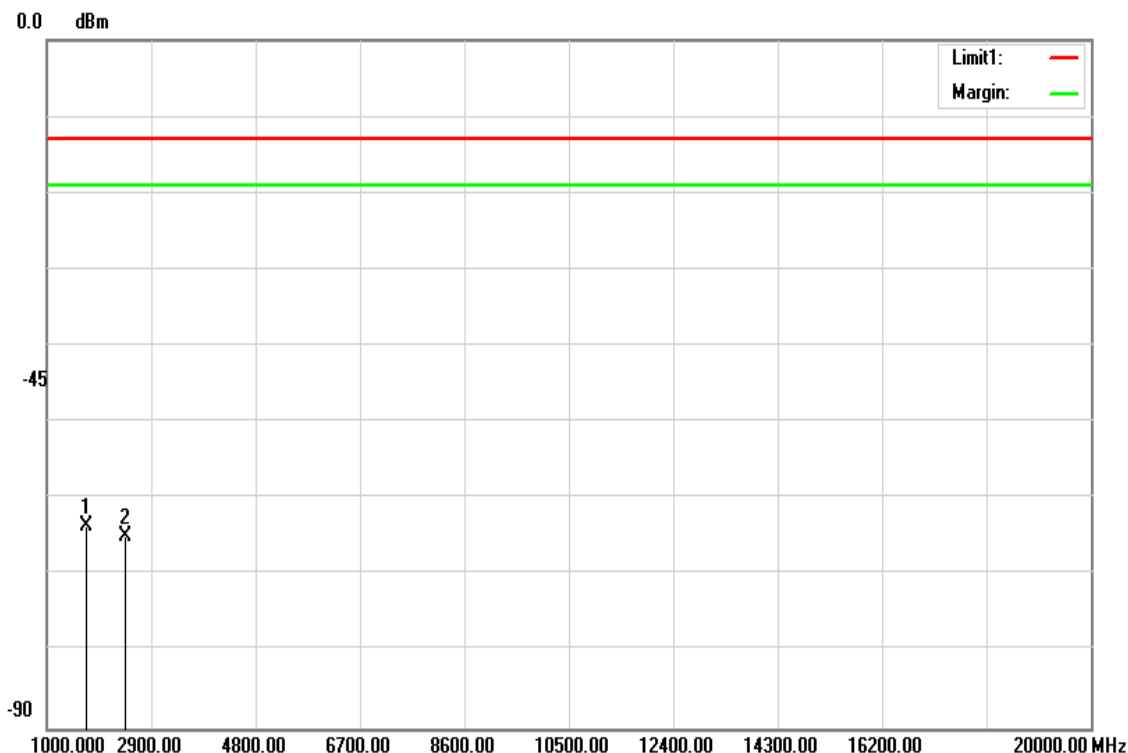


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1721.000	-64.24	5.15	5.9	-63.49	-13.00	-50.49	V
2435.000	-57.6	6.24	6.01	-57.83	-13.00	-44.83	V
N/A							

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: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

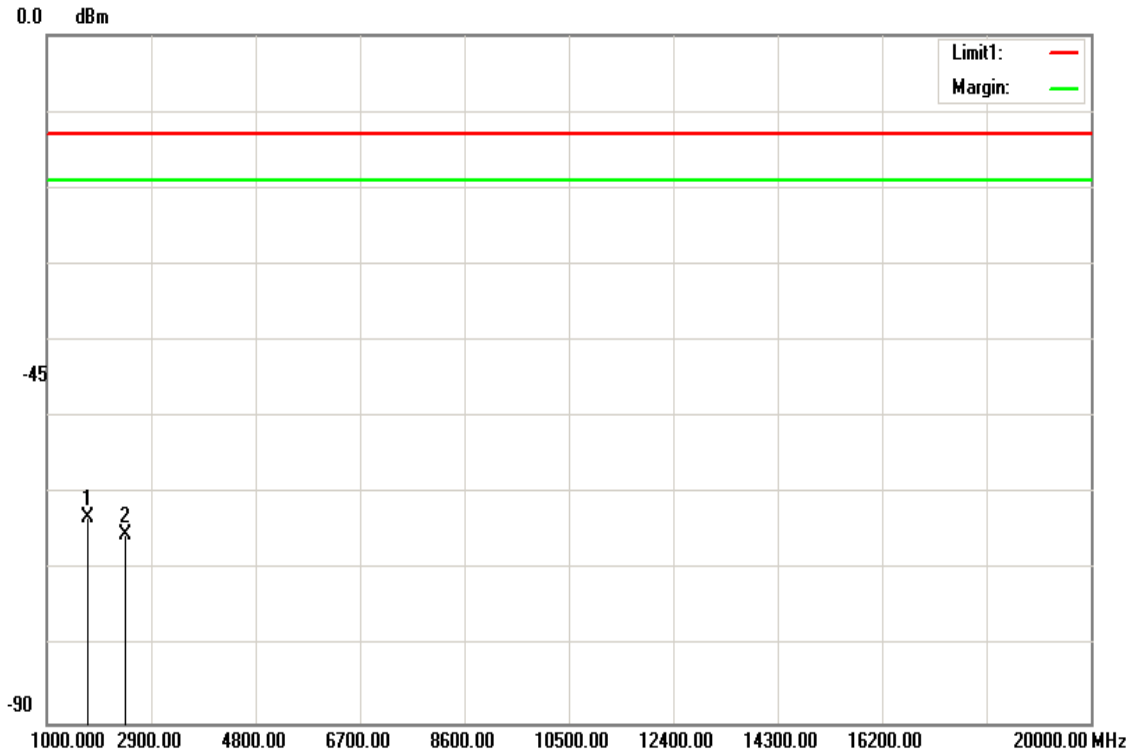


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1721.000	-64.35	5.15	5.9	-63.60	-13.00	-50.60	H
2435.000	-64.66	6.24	6.01	-64.89	-13.00	-51.89	H
N/A							

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: Tx / High channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

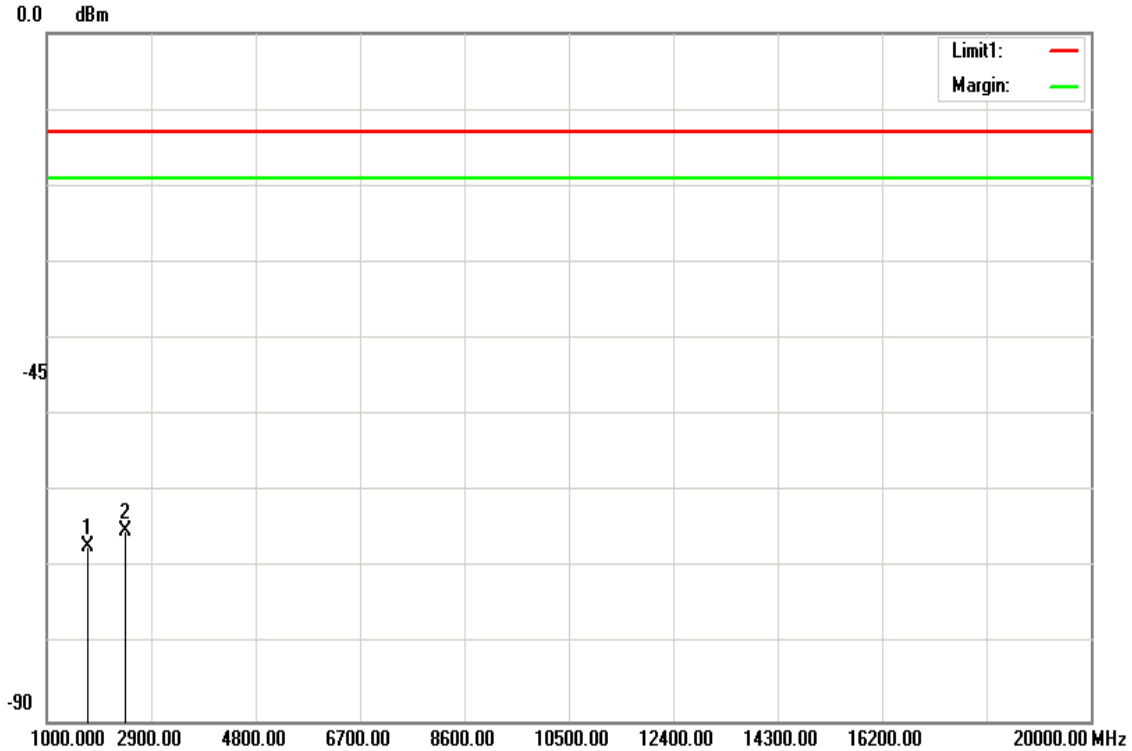


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1756.000	-63.63	5.21	5.84	-63.00	-13.00	-50.00	V
2435.000	-65.24	6.24	6.01	-65.47	-13.00	-52.47	V
N/A							

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: Tx / High channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.



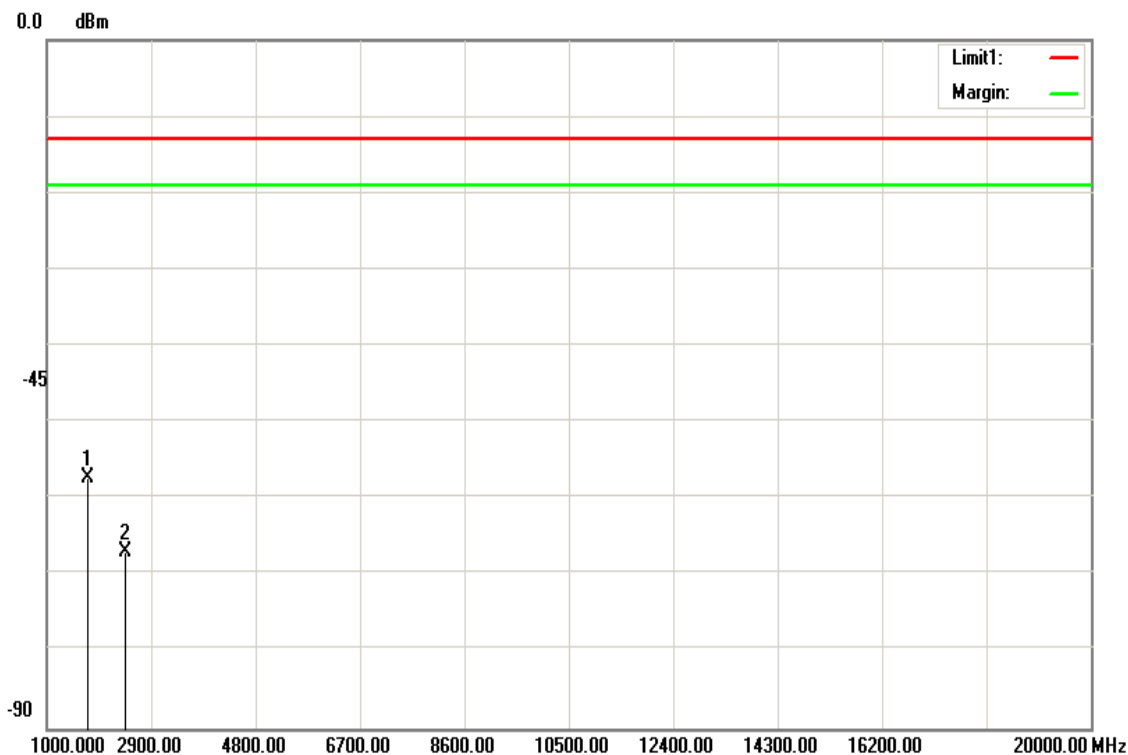
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1756.000	-67.73	5.21	5.84	-67.10	-13.00	-54.10	H
2435.000	-64.93	6.24	6.01	-65.16	-13.00	-52.16	H
N/A							

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.

LTE Band 13 / CHANNEL BANDWIDTH: 10MHz / QPSK

Operation Mode: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

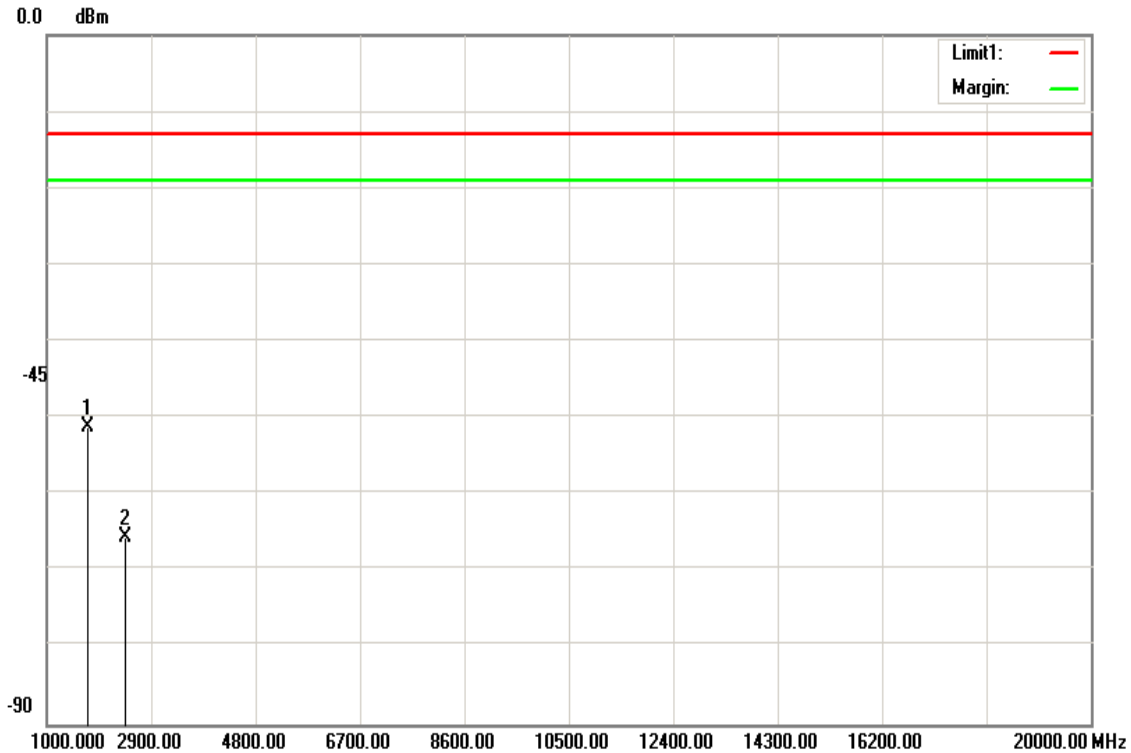


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1735.000	-57.88	5.17	5.88	-57.17	-13.00	-44.17	V
2442.000	-66.75	6.25	6.02	-66.98	-13.00	-53.98	V
N/A							

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: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.



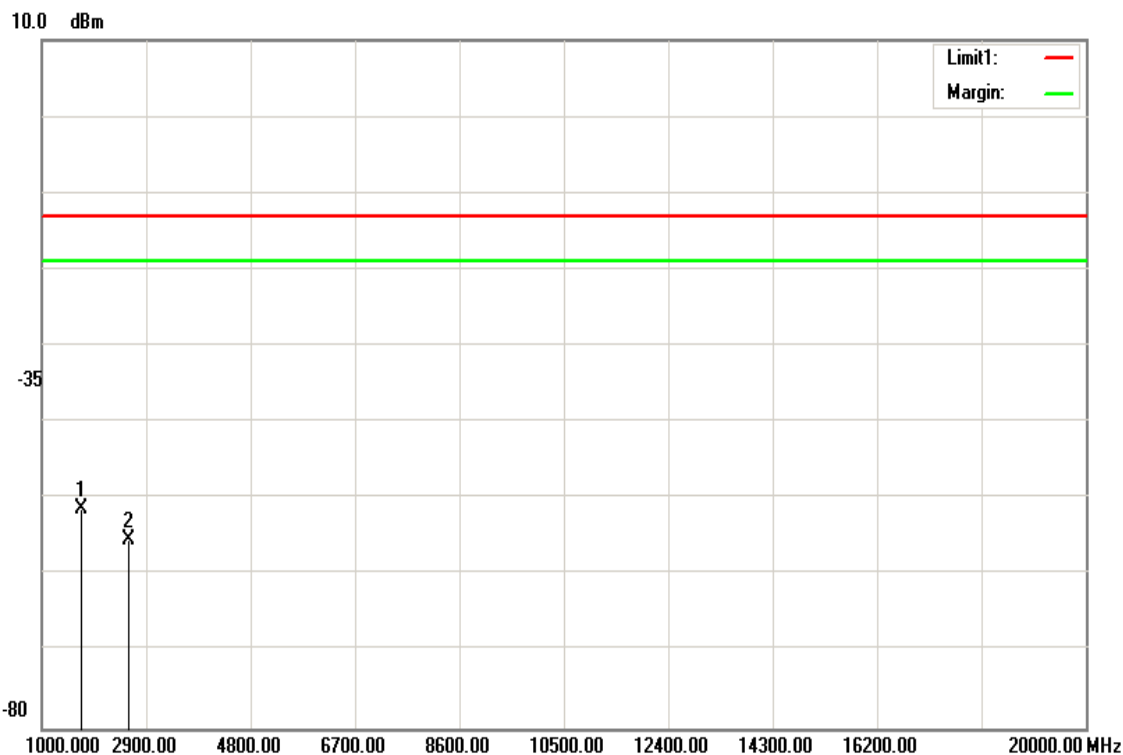
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1735.000	-51.84	5.17	5.88	-51.13	-13.00	-38.13	H
2442.000	-65.43	6.25	6.02	-65.66	-13.00	-52.66	H
N/A							

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.

LTE Band 13 / CHANNEL BANDWIDTH: 5MHz / 16QAM

Operation Mode: Tx / Low channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

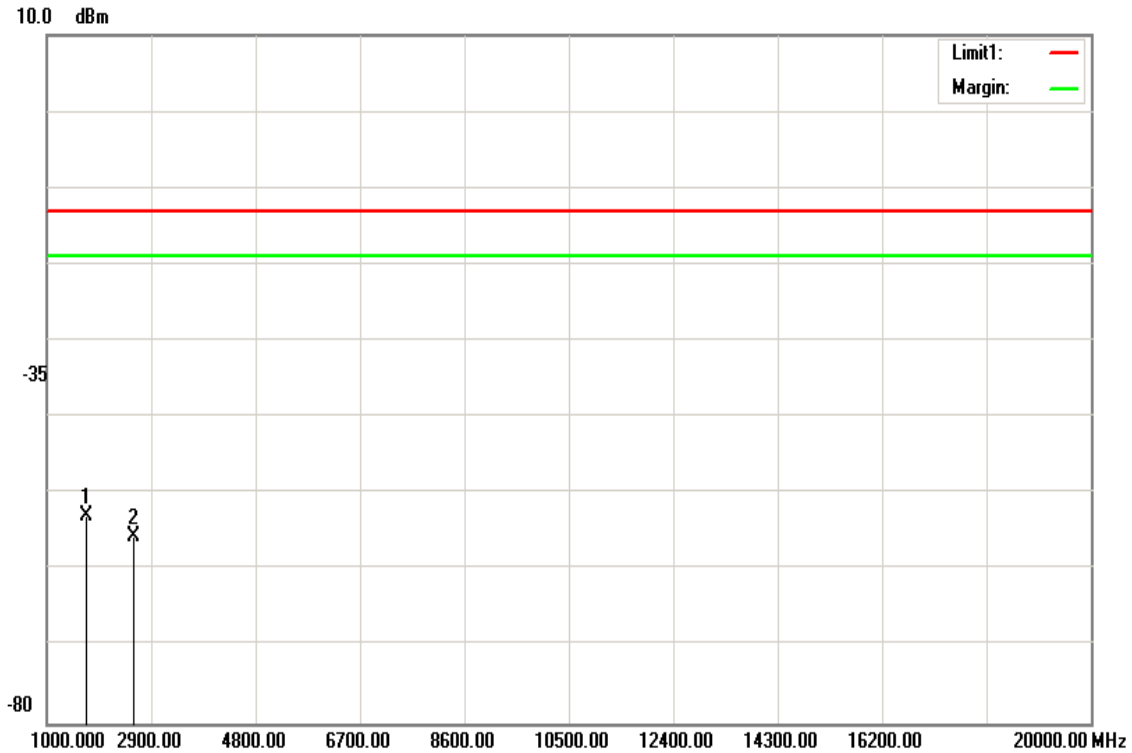


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1721.000	-52.07	5.15	5.9	-51.32	-13.00	-38.32	V
2582.000	-55.31	6.46	6.31	-55.46	-13.00	-42.46	V
N/A							

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: Tx / Low channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

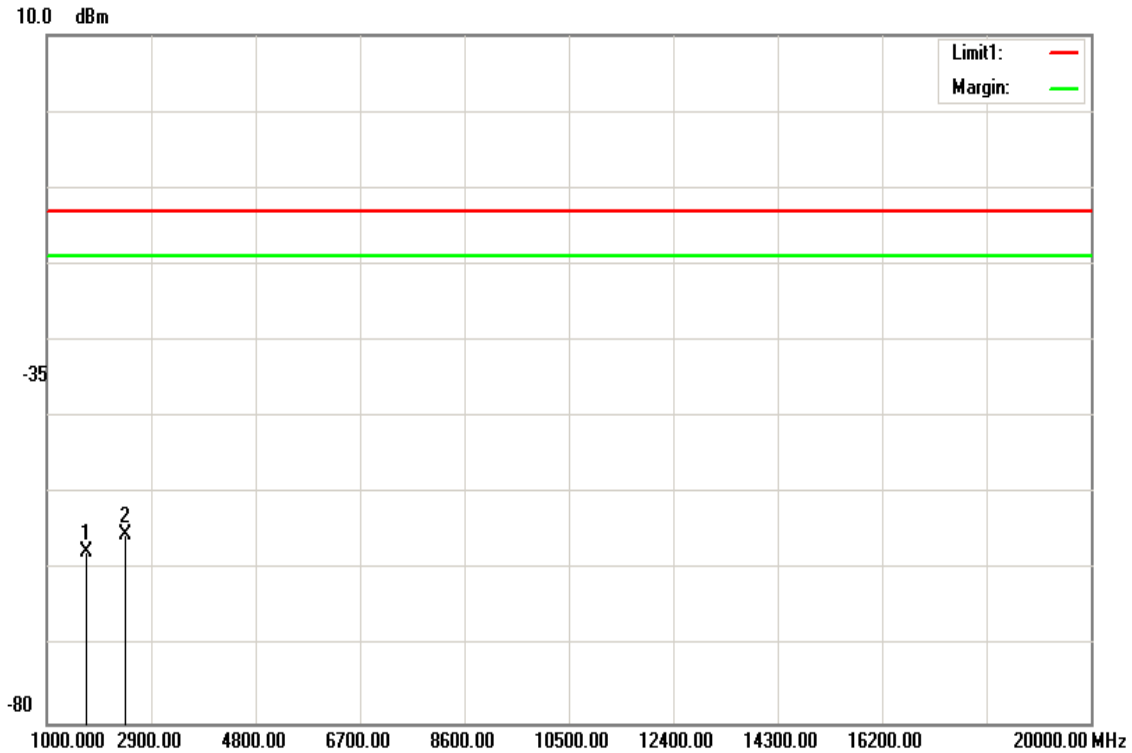


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1721.000	-53.54	5.15	5.9	-52.79	-13.00	-39.79	H
2582.000	-55.33	6.46	6.31	-55.48	-13.00	-42.48	H
N/A							

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: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

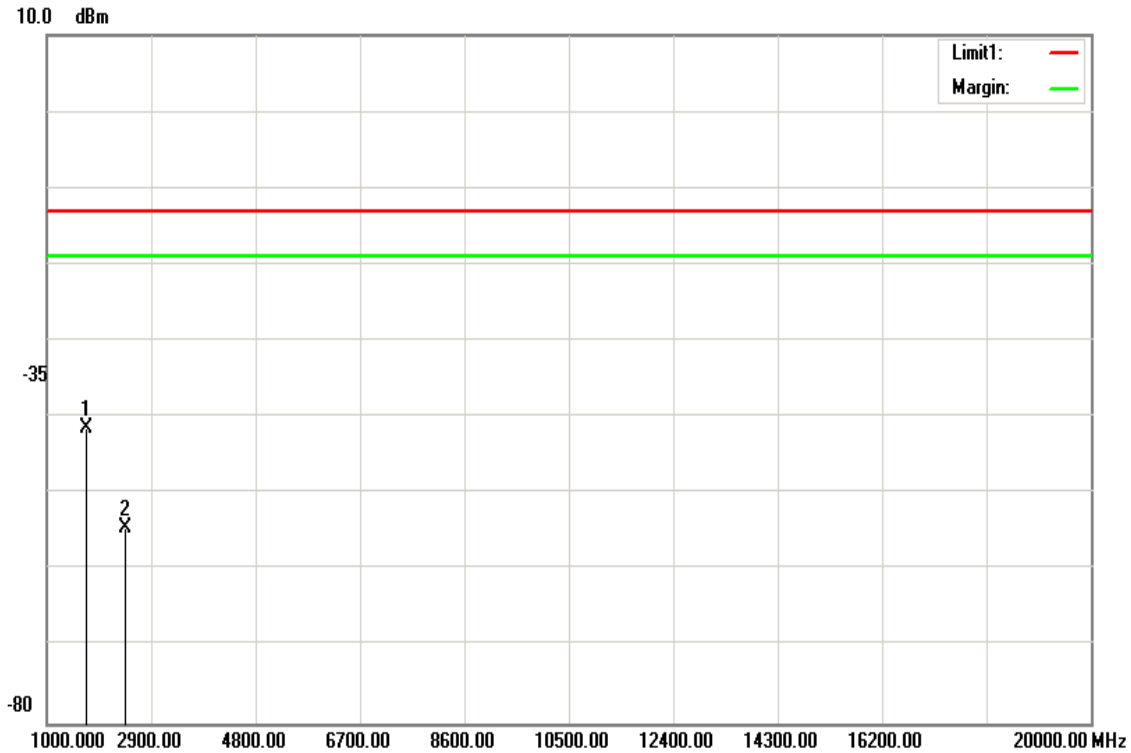


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1721.000	-58.42	5.15	5.9	-57.67	-13.00	-44.67	V
2435.000	-55.22	6.24	6.01	-55.45	-13.00	-42.45	V
N/A							

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: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

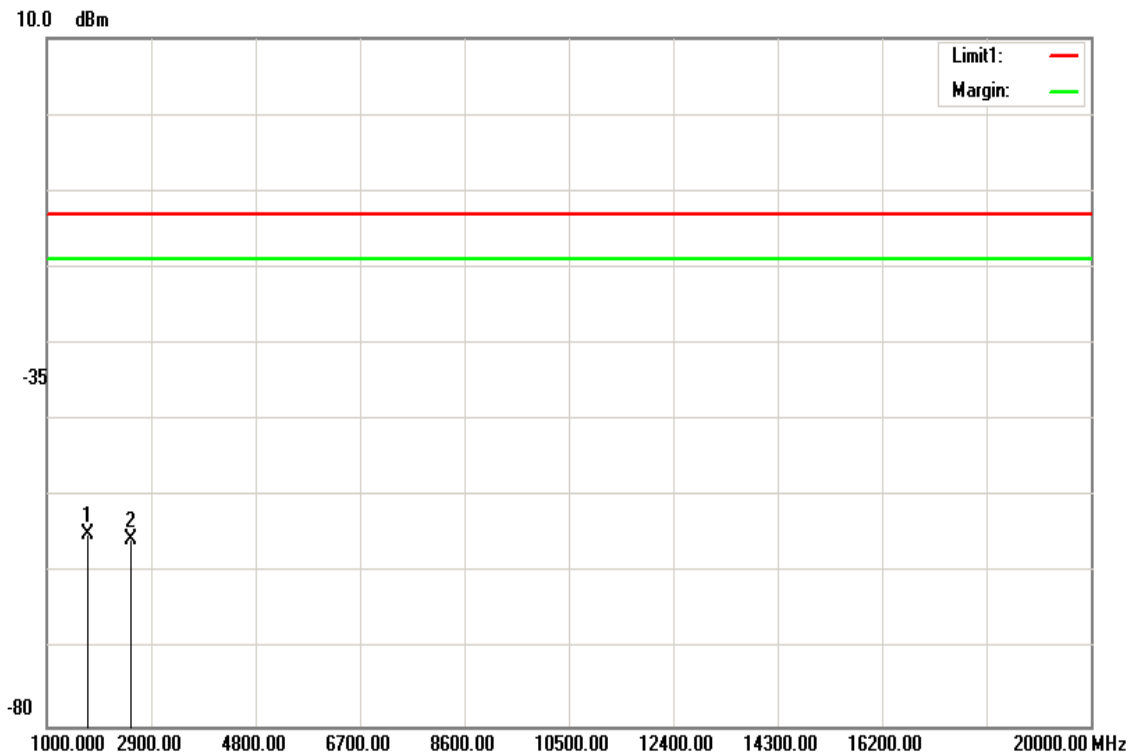


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1721.000	-42.26	5.15	5.9	-41.51	-13.00	-28.51	H
2435.000	-54.26	6.24	6.01	-54.49	-13.00	-41.49	H
N/A							

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: Tx / High channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

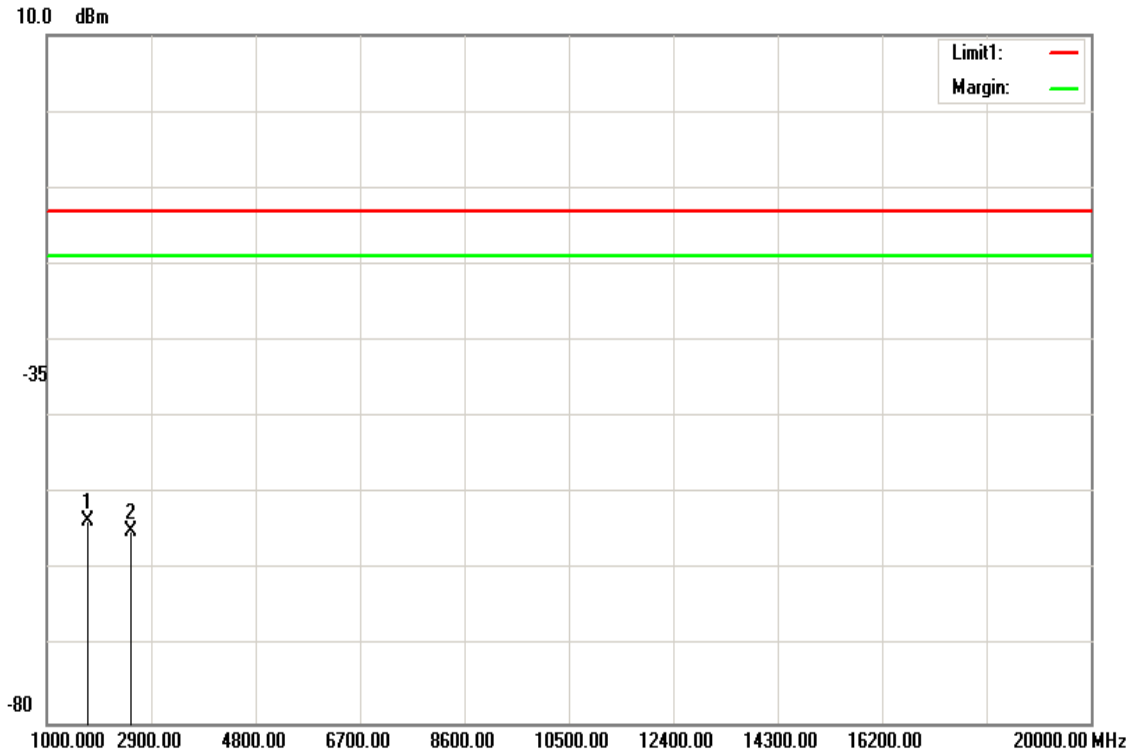


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1749.000	-55.61	5.2	5.85	-54.96	-13.00	-41.96	V
2540.000	-55.45	6.41	6.2	-55.66	-13.00	-42.66	V
N/A							

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: Tx / High channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.



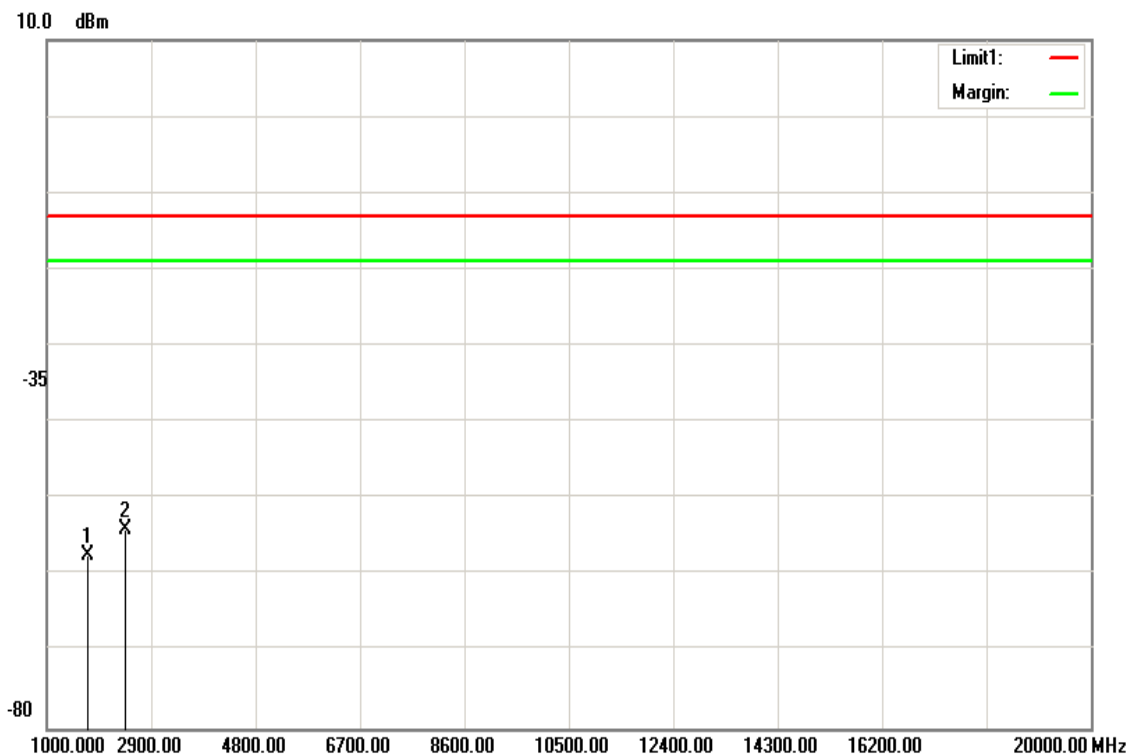
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1749.000	-54.16	5.2	5.85	-53.51	-13.00	-40.51	H
2540.000	-54.64	6.41	6.2	-54.85	-13.00	-41.85	H
N/A							

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.

LTE Band 13 / CHANNEL BANDWIDTH: 10MHz / 16QAM

Operation Mode: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

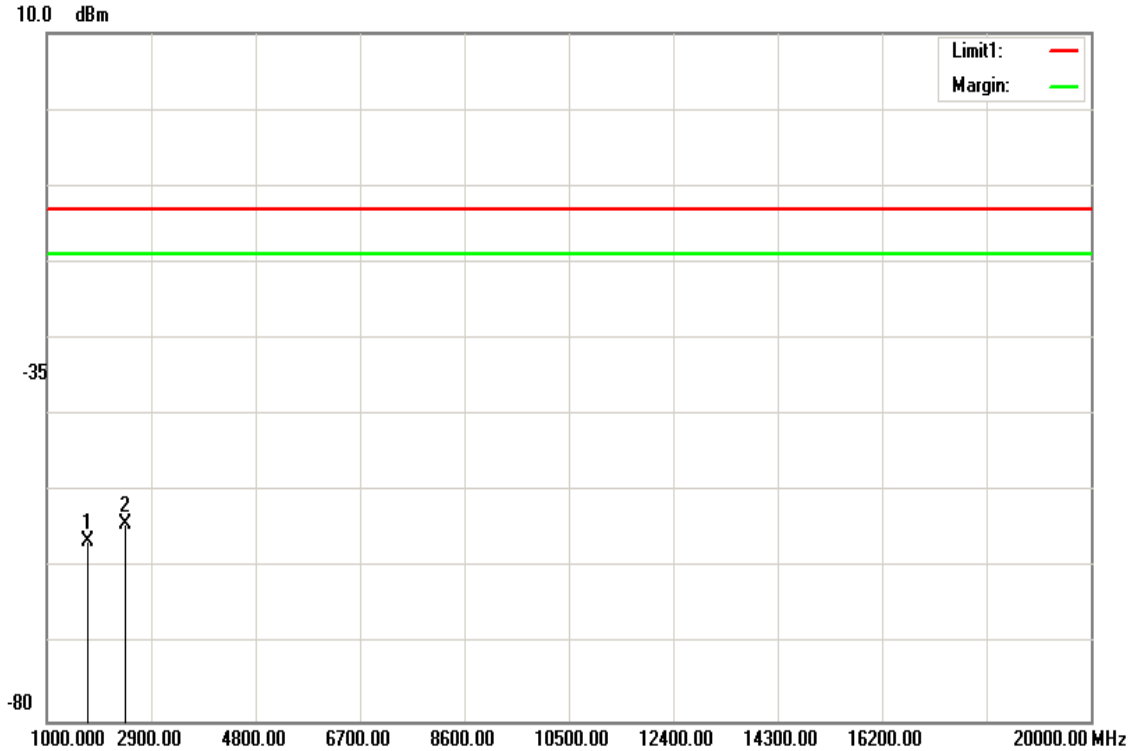


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1735.000	-58.09	5.17	5.88	-57.38	-13.00	-44.38	V
2442.000	-53.78	6.25	6.02	-54.01	-13.00	-41.01	V
N/A							

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: Tx / Middle channel **Test Date:** May 24, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.



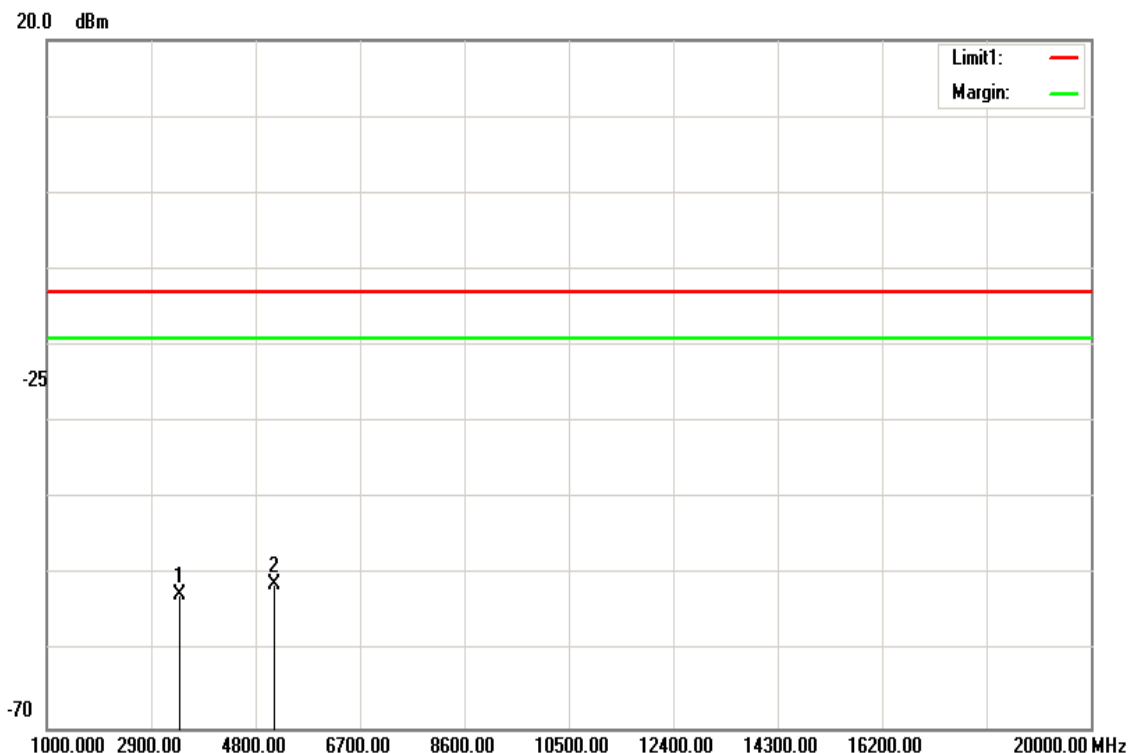
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1735.000	-57.11	5.17	5.88	-56.40	-13.00	-43.40	H
2442.000	-54.03	6.25	6.02	-54.26	-13.00	-41.26	H
N/A							

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.

LTE Band 4 / CHANNEL BANDWIDTH: 1.4MHz / QPSK

Operation Mode: Tx / Low channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

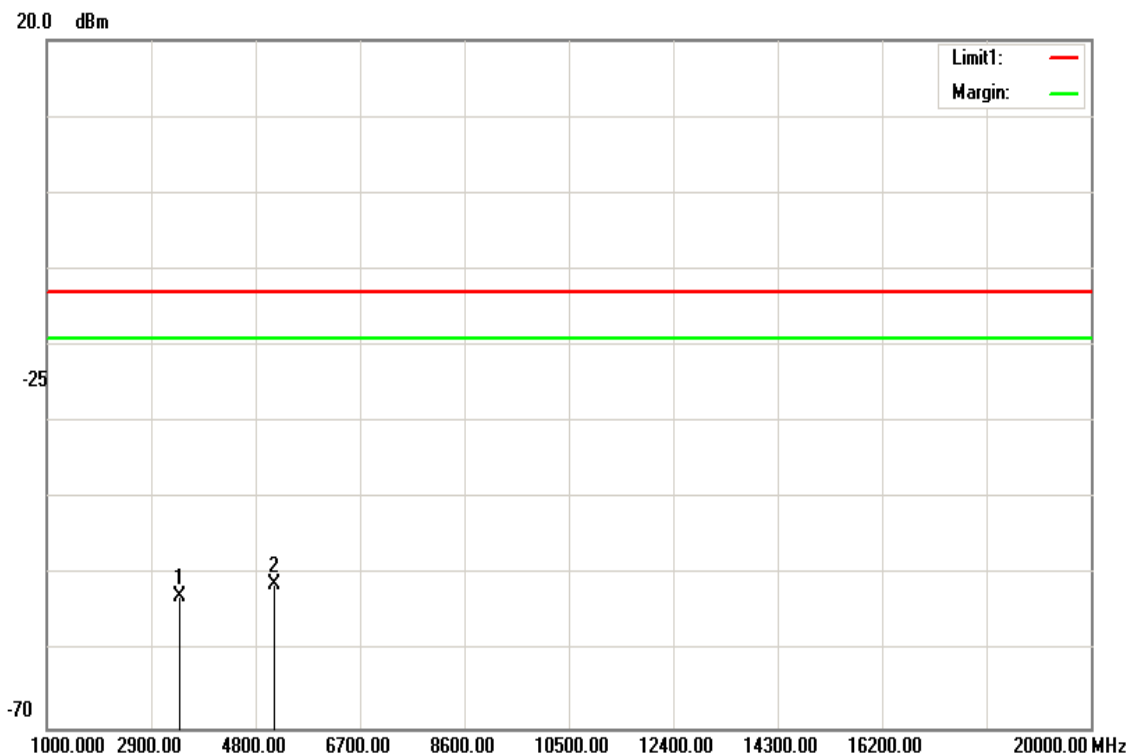


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3420.000	-53.62	7.63	8.66	-52.59	-13.00	-39.59	V
5130.000	-52.46	9.48	10.65	-51.29	-13.00	-38.29	V
N/A							

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: Tx / Low channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

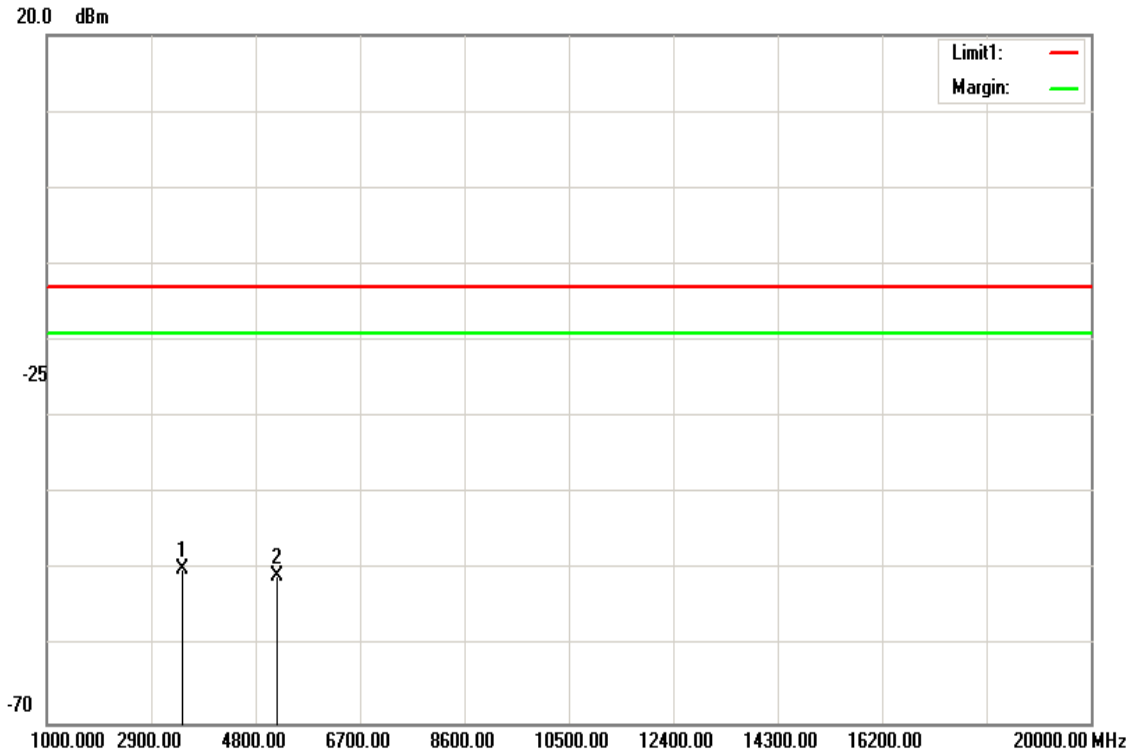


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3420.000	-53.72	7.63	8.66	-52.69	-13.00	-39.69	H
5130.000	-52.33	9.48	10.65	-51.16	-13.00	-38.16	H
N/A							

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: Tx / Middle channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

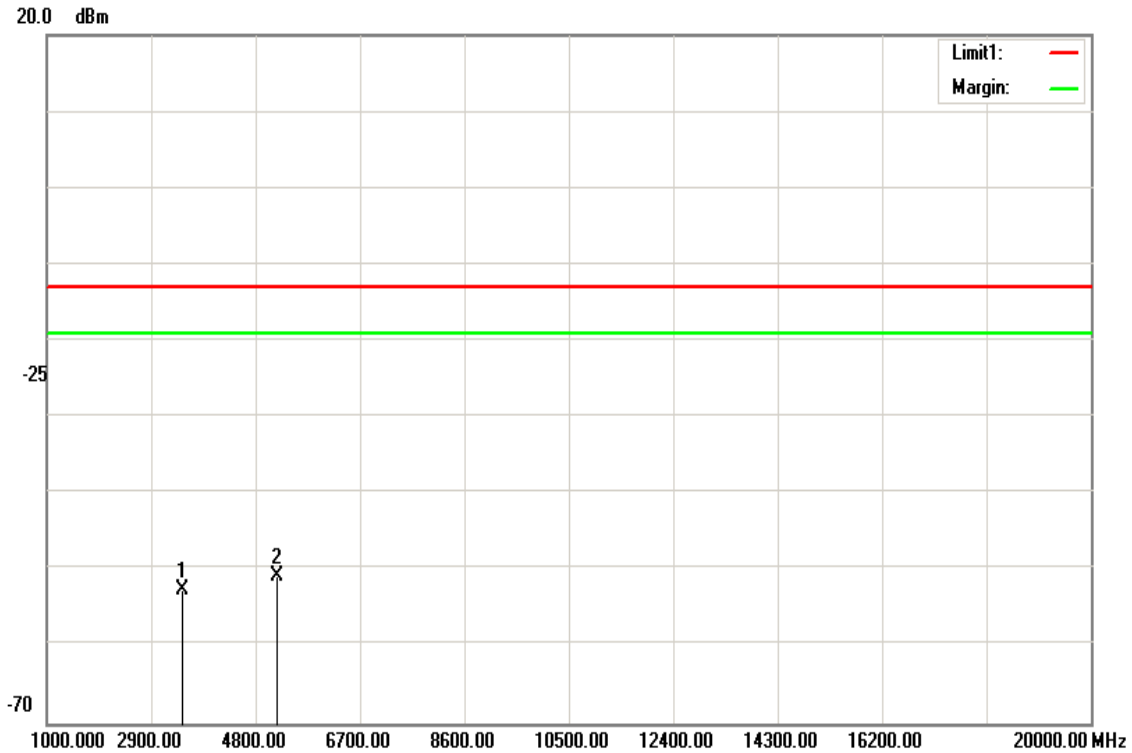


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3465.000	-50.78	7.77	8.79	-49.76	-13.00	-36.76	V
5197.000	-51.86	9.56	10.68	-50.74	-13.00	-37.74	V
N/A							

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: Tx / Middle channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

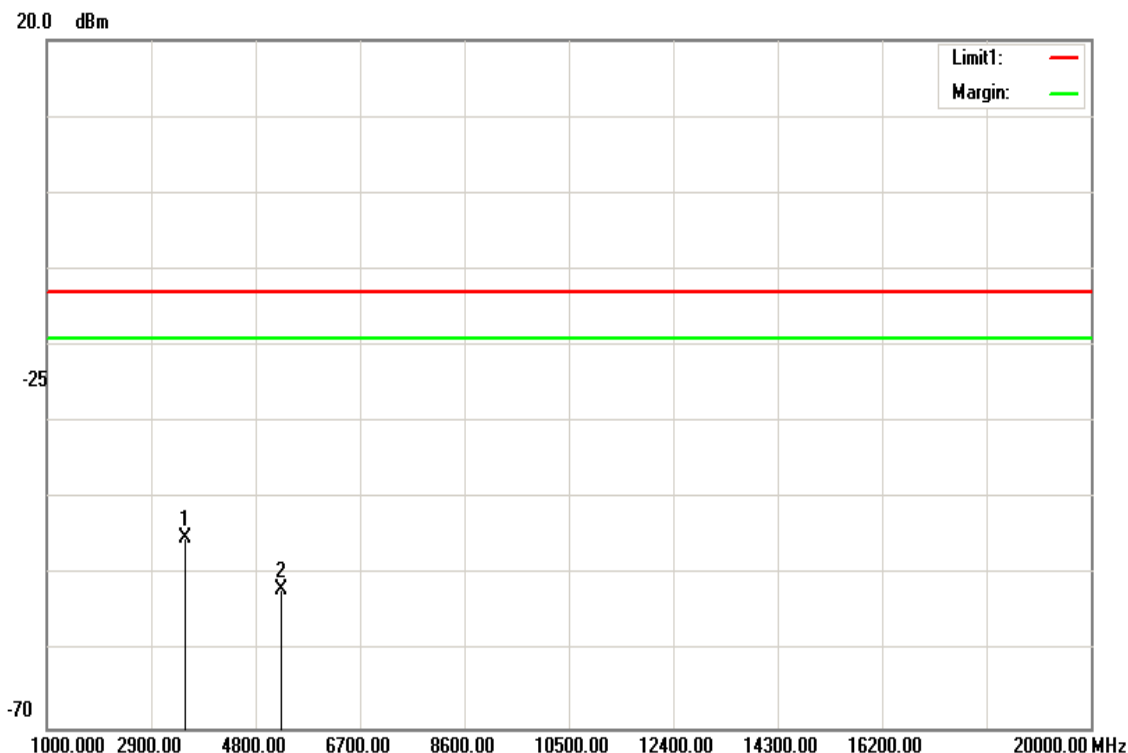


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3465.000	-53.64	7.77	8.79	-52.62	-13.00	-39.62	H
5197.000	-51.99	9.56	10.68	-50.87	-13.00	-37.87	H
N/A							

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: Tx / High channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

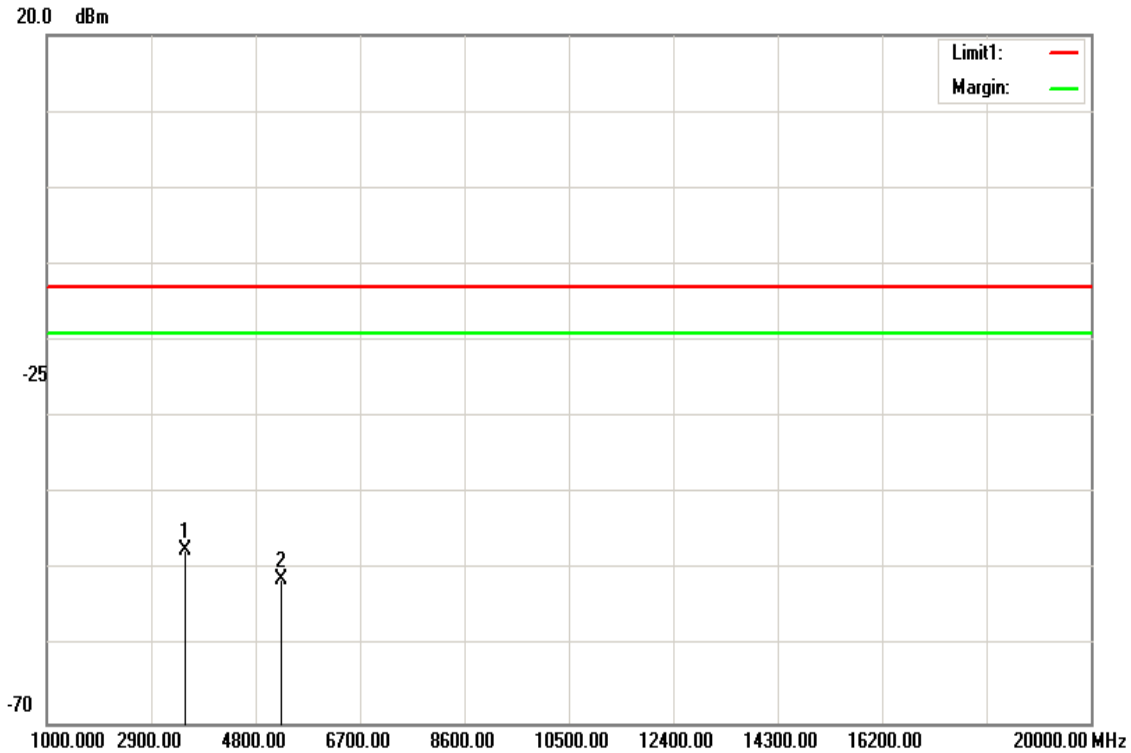


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3508.000	-46.21	7.89	8.91	-45.19	-13.00	-32.19	V
5262.000	-53.07	9.62	10.7	-51.99	-13.00	-38.99	V
N/A							

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: Tx / High channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.



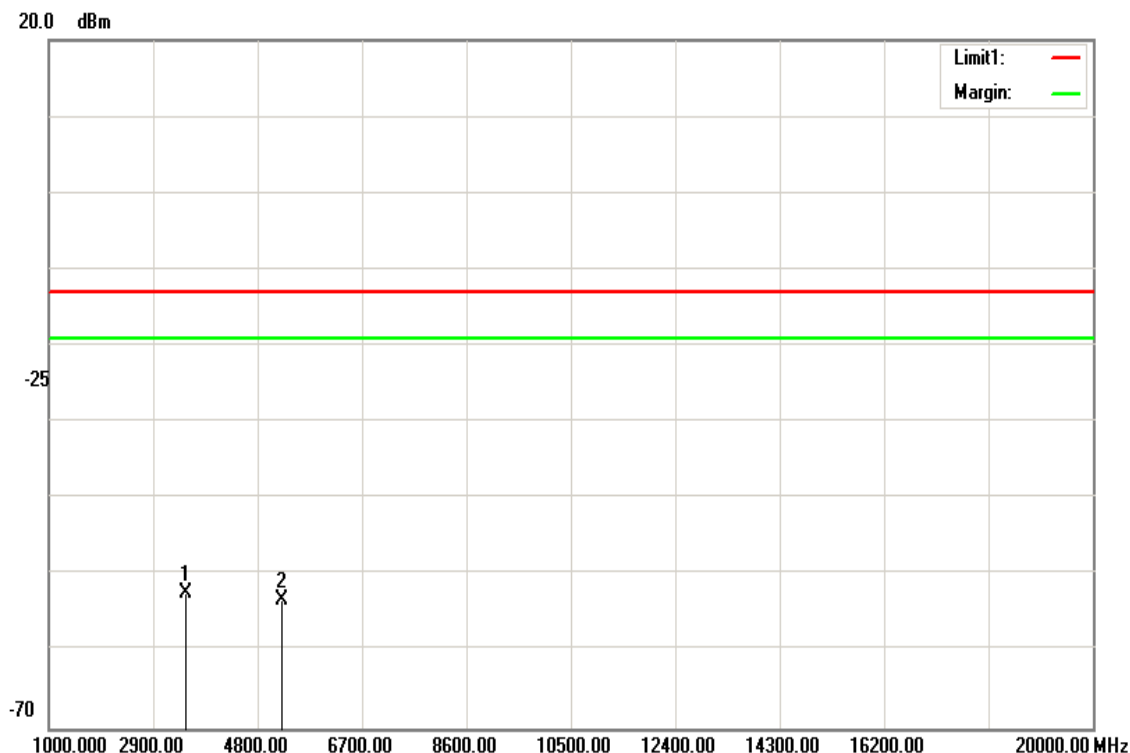
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3508.000	-48.41	7.89	8.91	-47.39	-13.00	-34.39	H
5262.000	-52.29	9.62	10.7	-51.21	-13.00	-38.21	H
N/A							

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.

LTE Band 4 / CHANNEL BANDWIDTH: 5MHz / QPSK

Operation Mode: Tx / Low channel **Test Date:** April 19, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

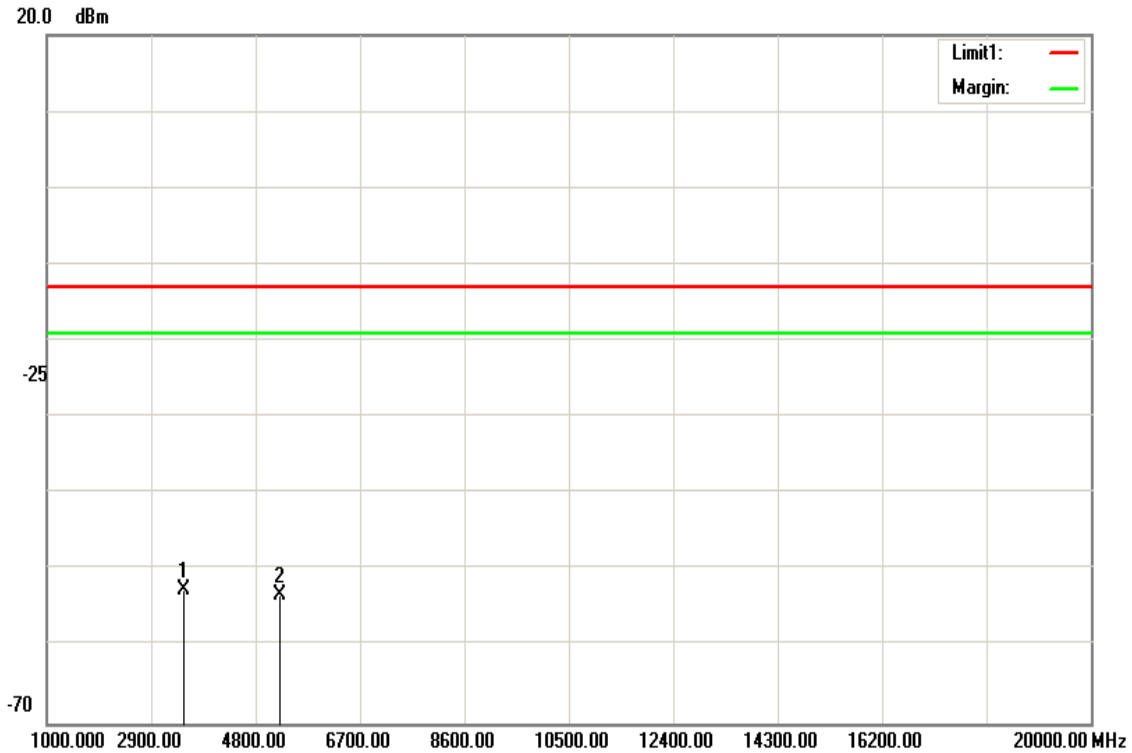


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3500.000	-53.38	7.87	8.9	-52.35	-13.00	-39.35	V
5250.000	-54.26	9.61	10.7	-53.17	-13.00	-40.17	V
N/A							

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: Tx / Low channel **Test Date:** April 19, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

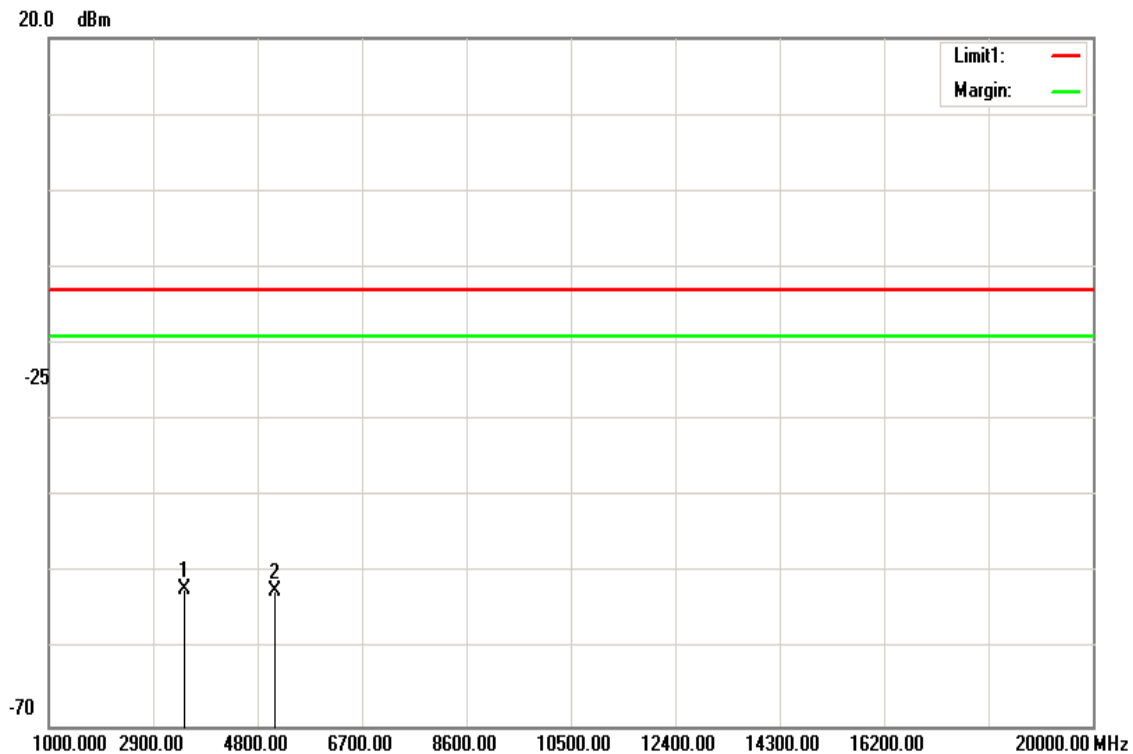


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3500.000	-53.59	7.87	8.9	-52.56	-13.00	-39.56	H
5250.000	-54.43	9.61	10.7	-53.34	-13.00	-40.34	H
N/A							

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: Tx / Middle channel **Test Date:** April 19, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

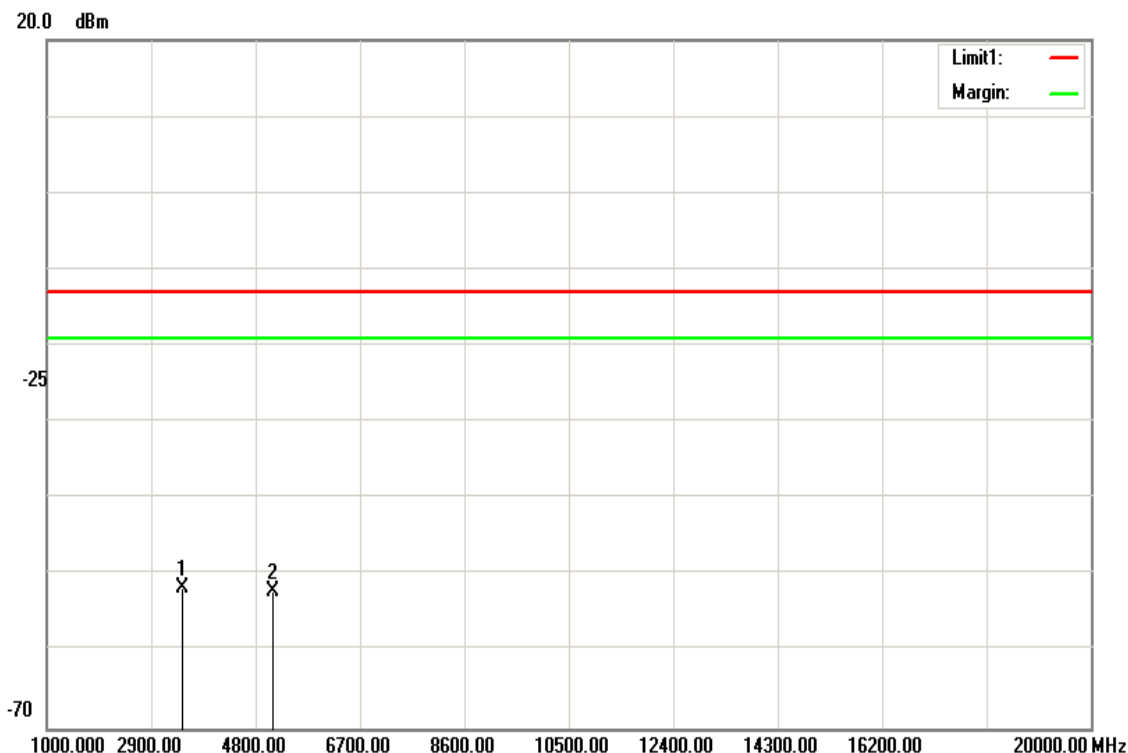


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3464.000	-53.19	7.76	8.79	-52.16	-13.00	-39.16	V
5109.000	-53.54	9.46	10.64	-52.36	-13.00	-39.36	V
N/A							

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: Tx / Middle channel **Test Date:** April 19, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

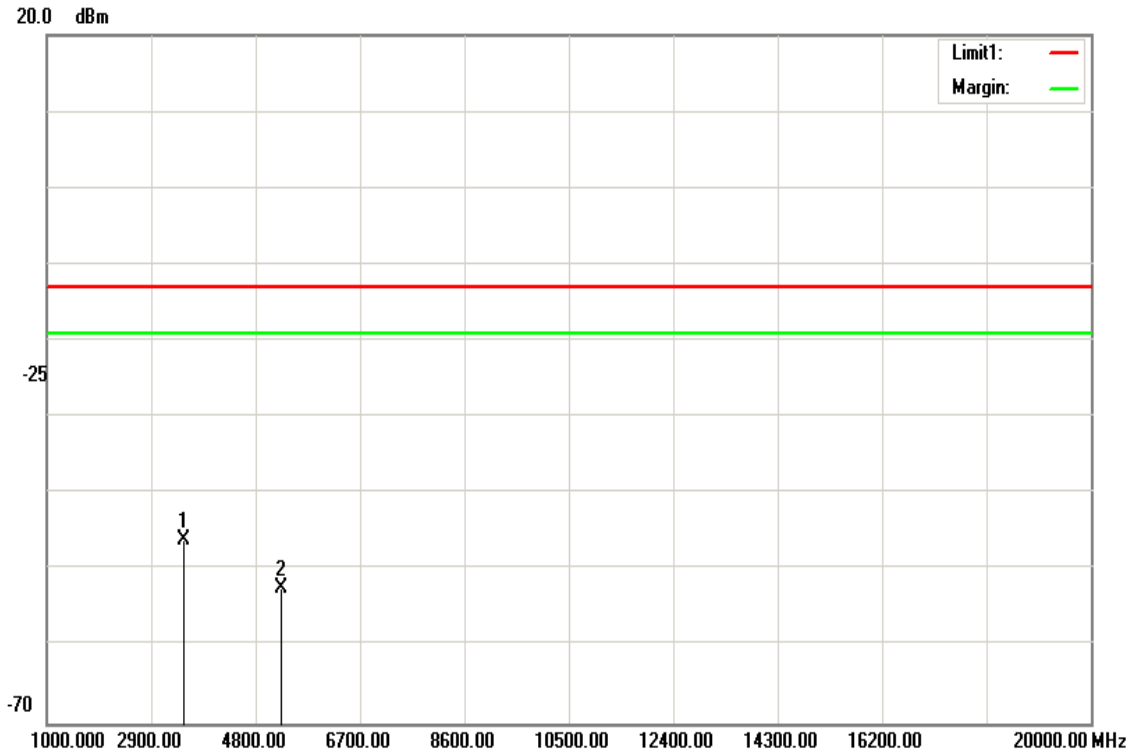


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3464.000	-52.64	7.76	8.79	-51.61	-13.00	-38.61	H
5109.000	-53.21	9.46	10.64	-52.03	-13.00	-39.03	H
N/A							

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: Tx / High channel **Test Date:** April 19, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

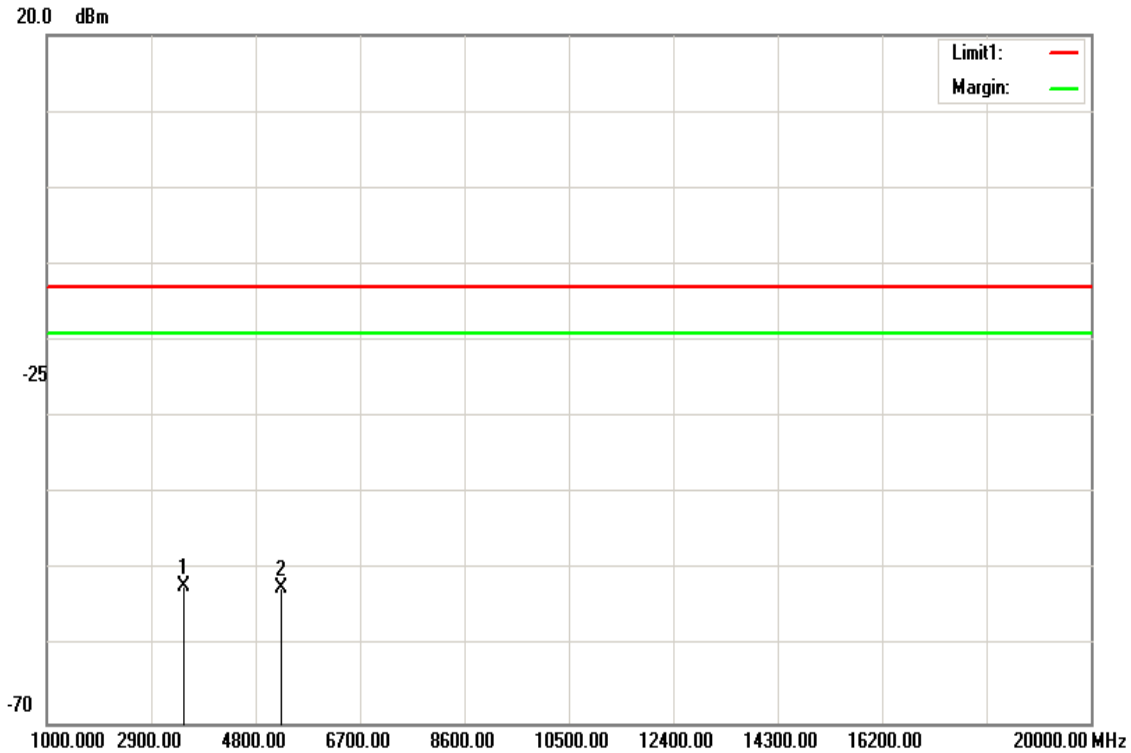


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3505.000	-47.16	7.88	8.91	-46.13	-13.00	-33.13	V
5257.000	-53.38	9.61	10.7	-52.29	-13.00	-39.29	V
N/A							

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: Tx / High channel **Test Date:** April 19, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.



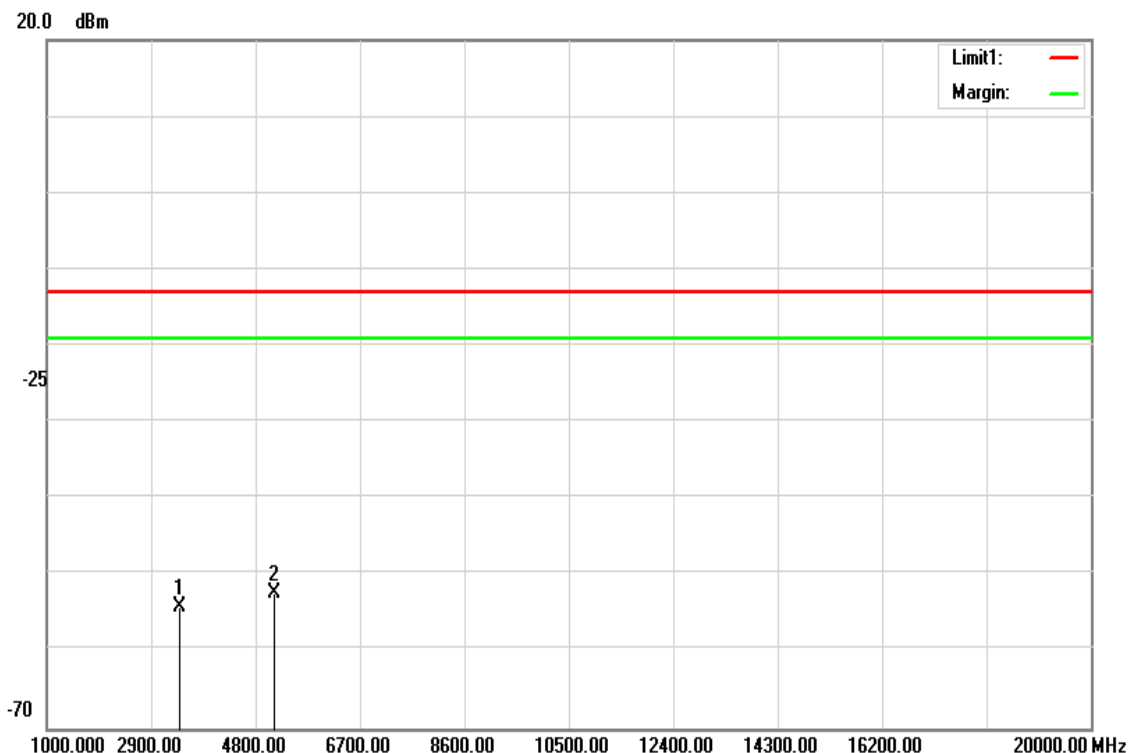
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3505.000	-53.12	7.88	8.91	-52.09	-13.00	-39.09	H
5257.000	-53.39	9.61	10.7	-52.30	-13.00	-39.30	H
N/A							

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.

LTE Band 4 / CHANNEL BANDWIDTH: 10MHz / QPSK

Operation Mode: Tx / Low channel **Test Date:** April 19, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

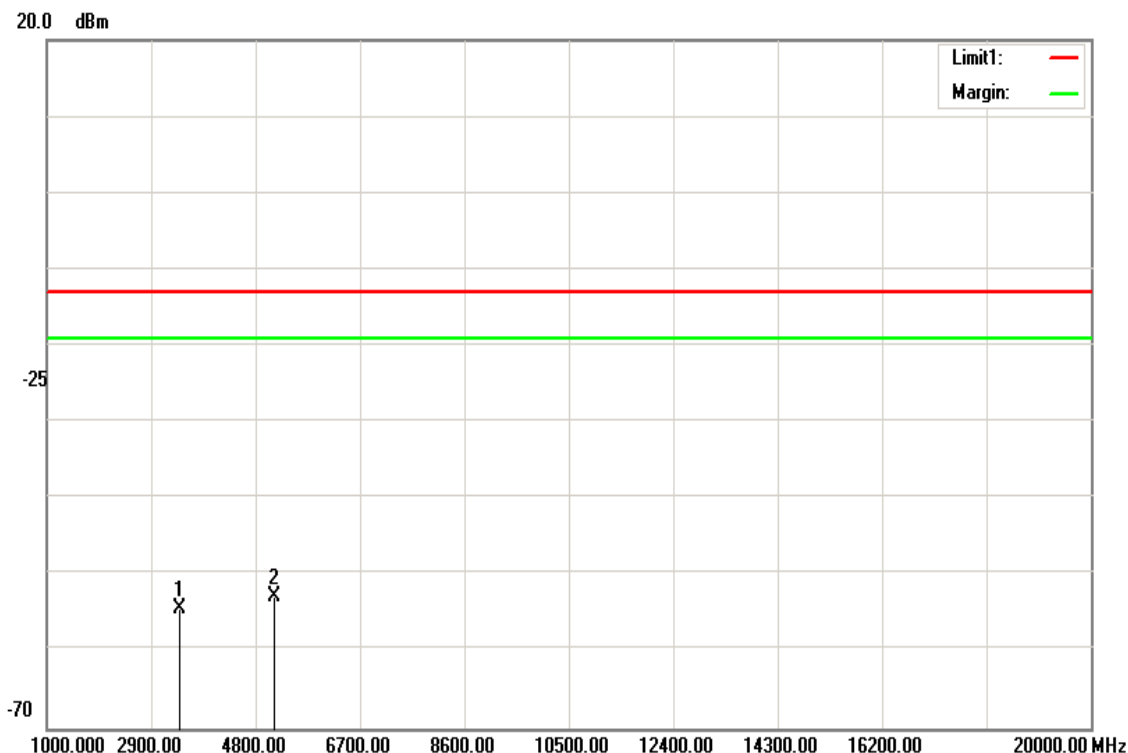


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3430.000	-55.2	7.66	8.69	-54.17	-13.00	-41.17	V
5145.000	-53.55	9.5	10.66	-52.39	-13.00	-39.39	V
N/A							

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: Tx / Low channel **Test Date:** April 19, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

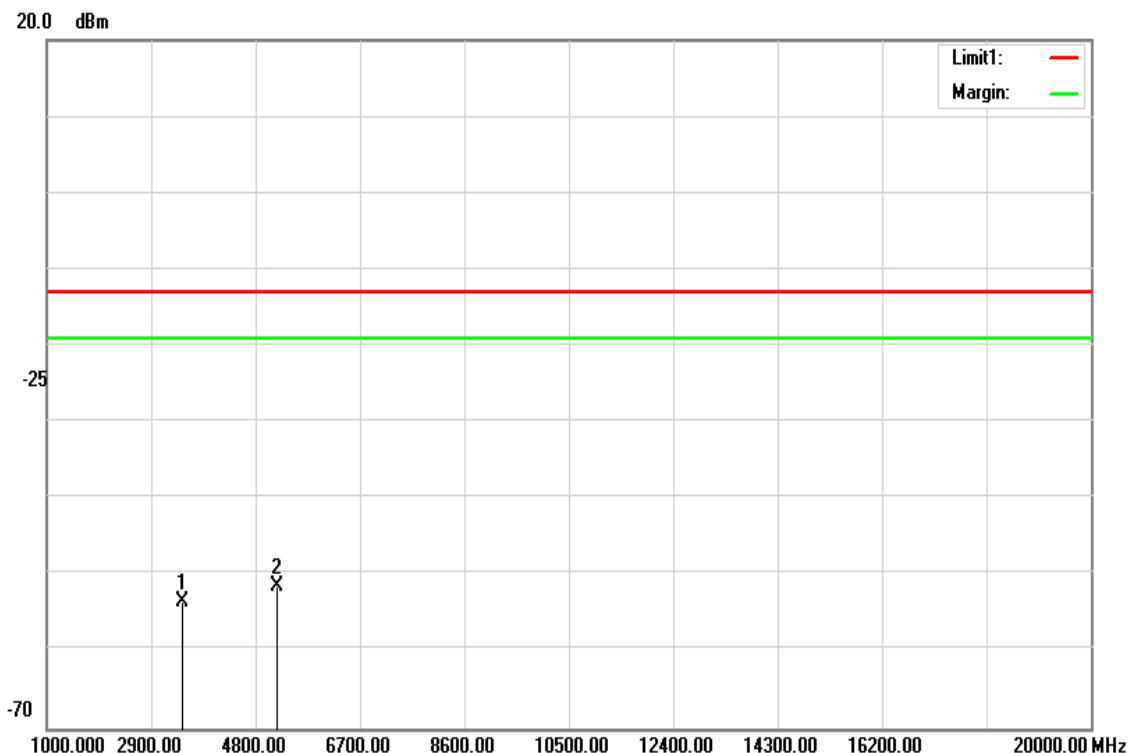


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3430.000	-55.46	7.66	8.69	-54.43	-13.00	-41.43	H
5145.000	-53.87	9.5	10.66	-52.71	-13.00	-39.71	H
N/A							

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: Tx / Middle channel **Test Date:** April 19, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

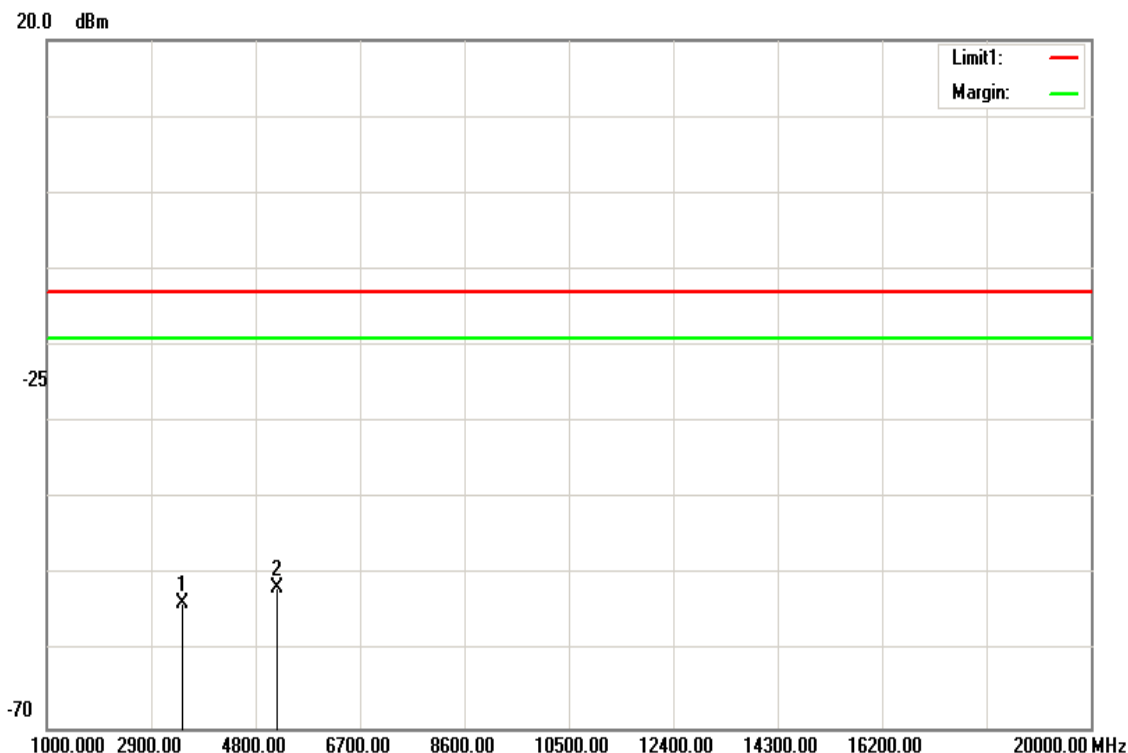


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3464.000	-54.48	7.76	8.79	-53.45	-13.00	-40.45	V
5196.000	-52.62	9.56	10.68	-51.50	-13.00	-38.50	V
N/A							

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: Tx / Middle channel **Test Date:** April 19, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

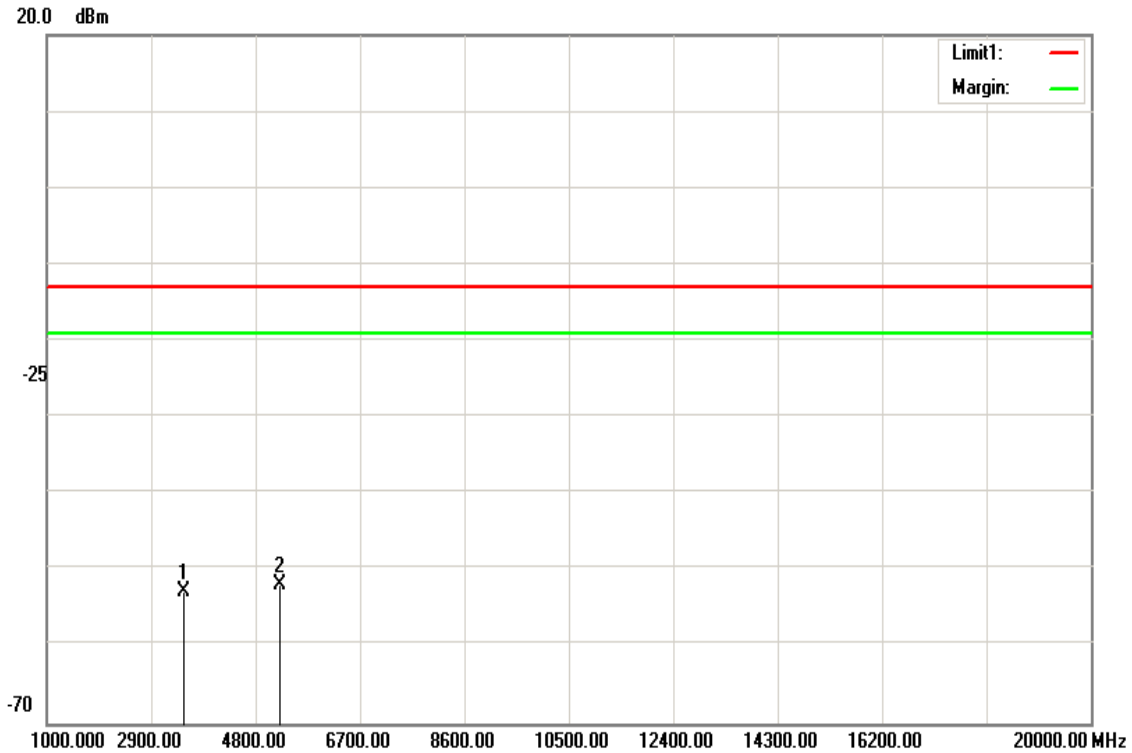


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3464.000	-54.68	7.76	8.79	-53.65	-13.00	-40.65	H
5196.000	-52.7	9.56	10.68	-51.58	-13.00	-38.58	H
N/A							

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: Tx / High channel **Test Date:** April 19, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

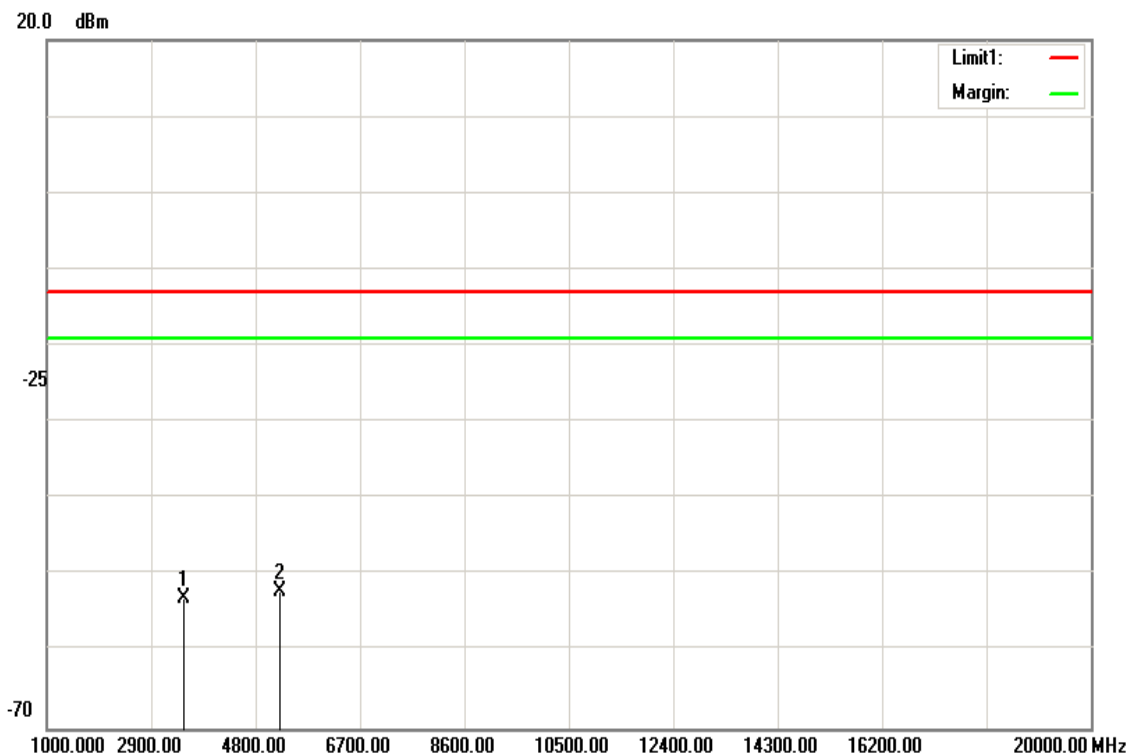


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3500.000	-53.84	7.87	8.9	-52.81	-13.00	-39.81	V
5250.000	-52.94	9.61	10.7	-51.85	-13.00	-38.85	V
N/A							

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: Tx / High channel **Test Date:** April 19, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.



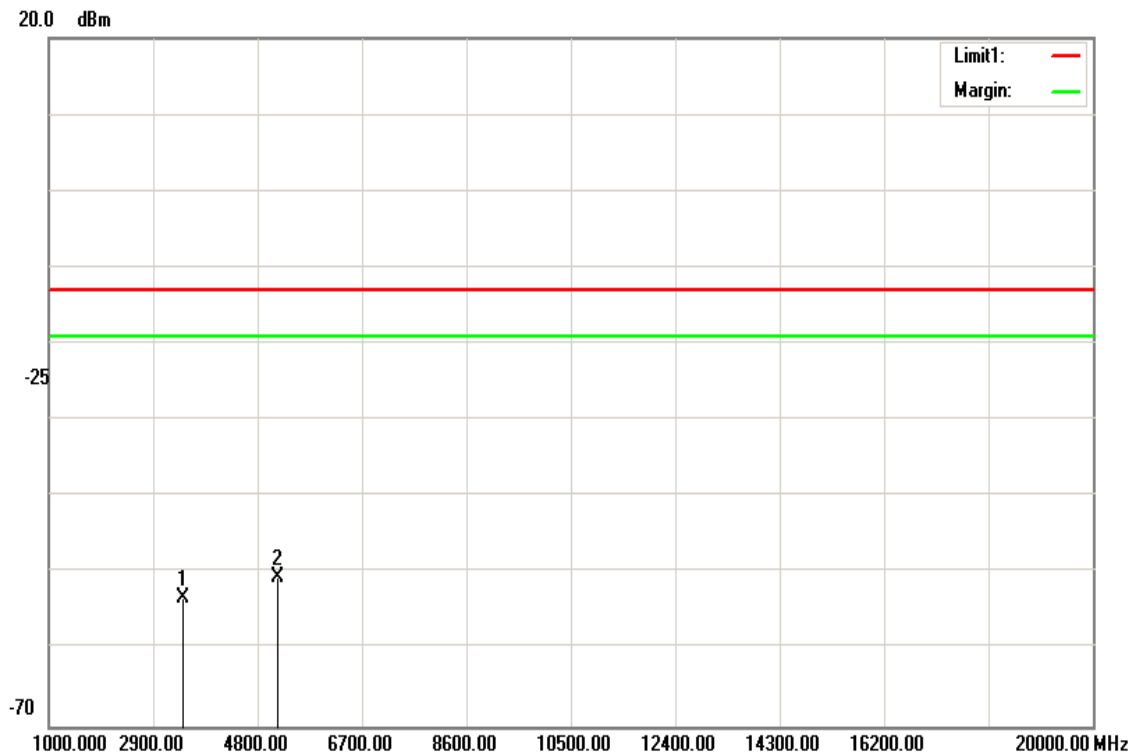
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3500.000	-54.11	7.87	8.9	-53.08	-13.00	-40.08	H
5250.000	-53.19	9.61	10.7	-52.10	-13.00	-39.10	H
N/A							

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.

LTE Band 4 / CHANNEL BANDWIDTH: 20MHz / QPSK

Operation Mode: Tx / Low channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

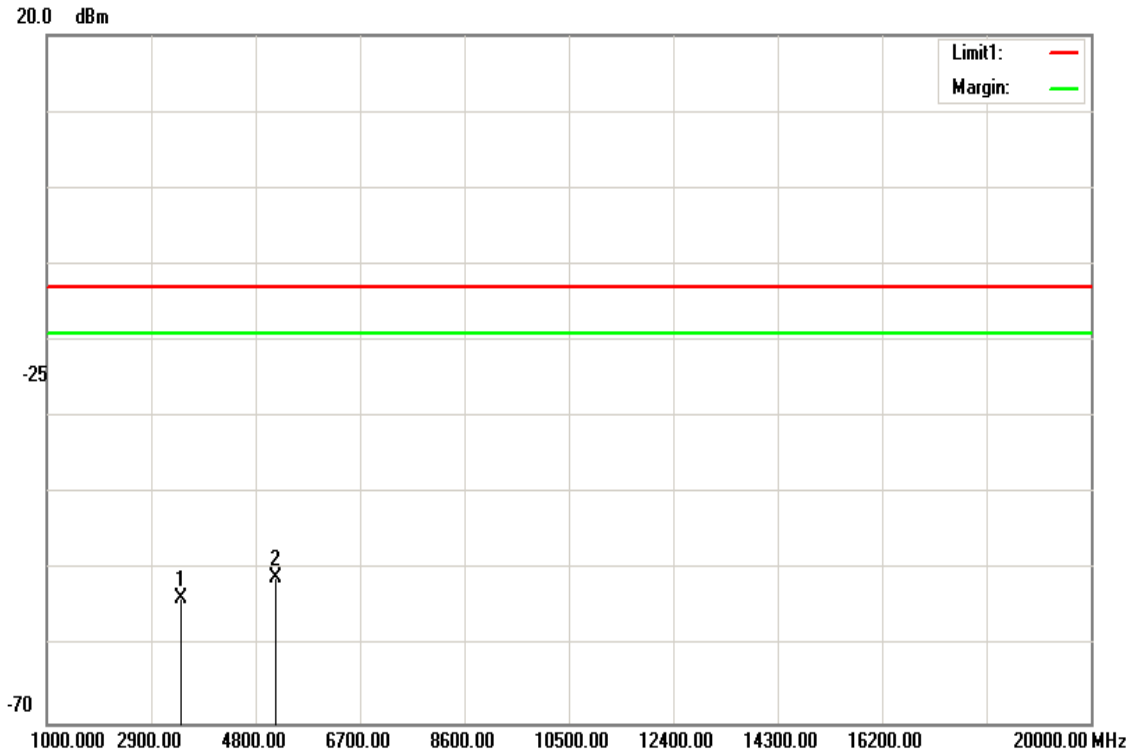


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3440.000	-54.24	7.69	8.72	-53.21	-13.00	-40.21	V
5160.000	-51.74	9.52	10.66	-50.60	-13.00	-37.60	V
N/A							

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: Tx / Low channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

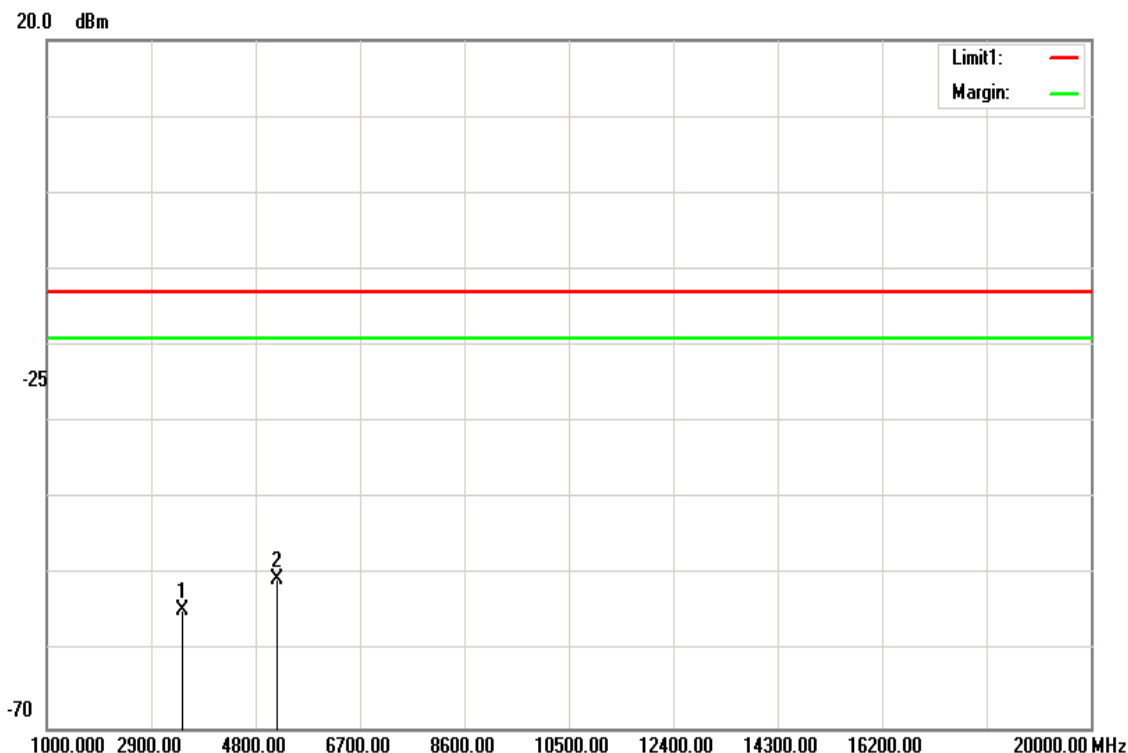


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3440.000	-54.75	7.69	8.72	-53.72	-13.00	-40.72	H
5160.000	-52.21	9.52	10.66	-51.07	-13.00	-38.07	H
N/A							

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: Tx / Middle channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

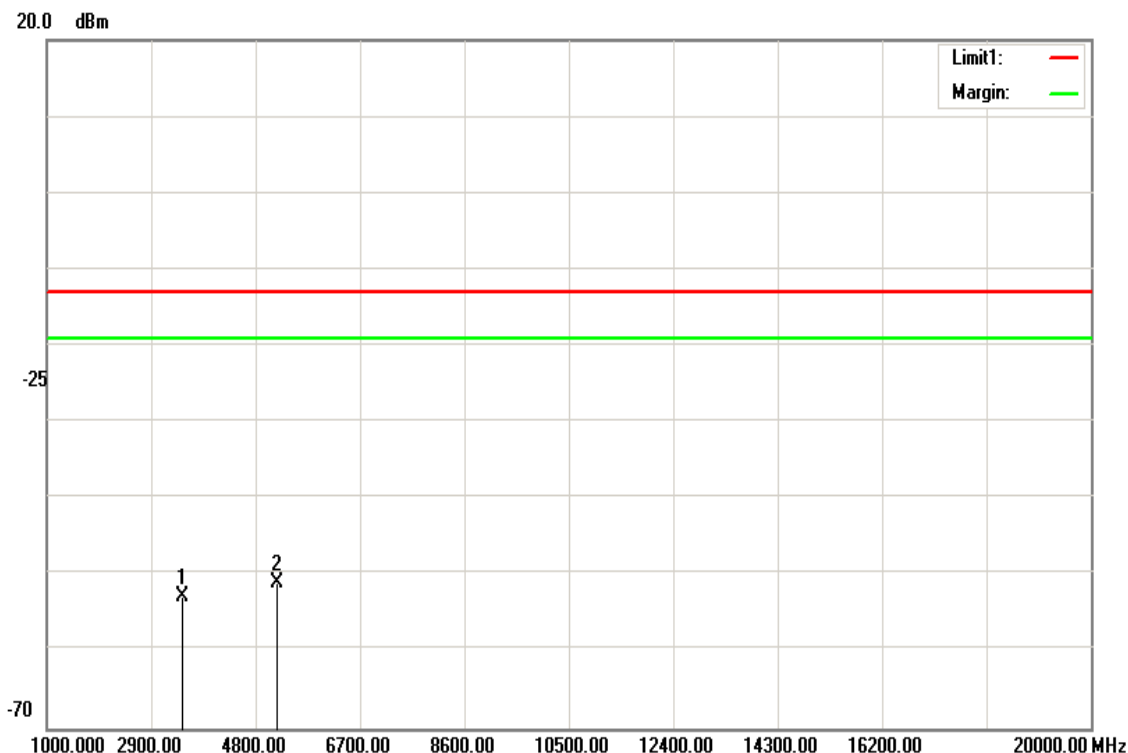


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3465.000	-55.51	7.77	8.79	-54.49	-13.00	-41.49	V
5197.000	-51.66	9.56	10.68	-50.54	-13.00	-37.54	V
N/A							

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: Tx / Middle channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

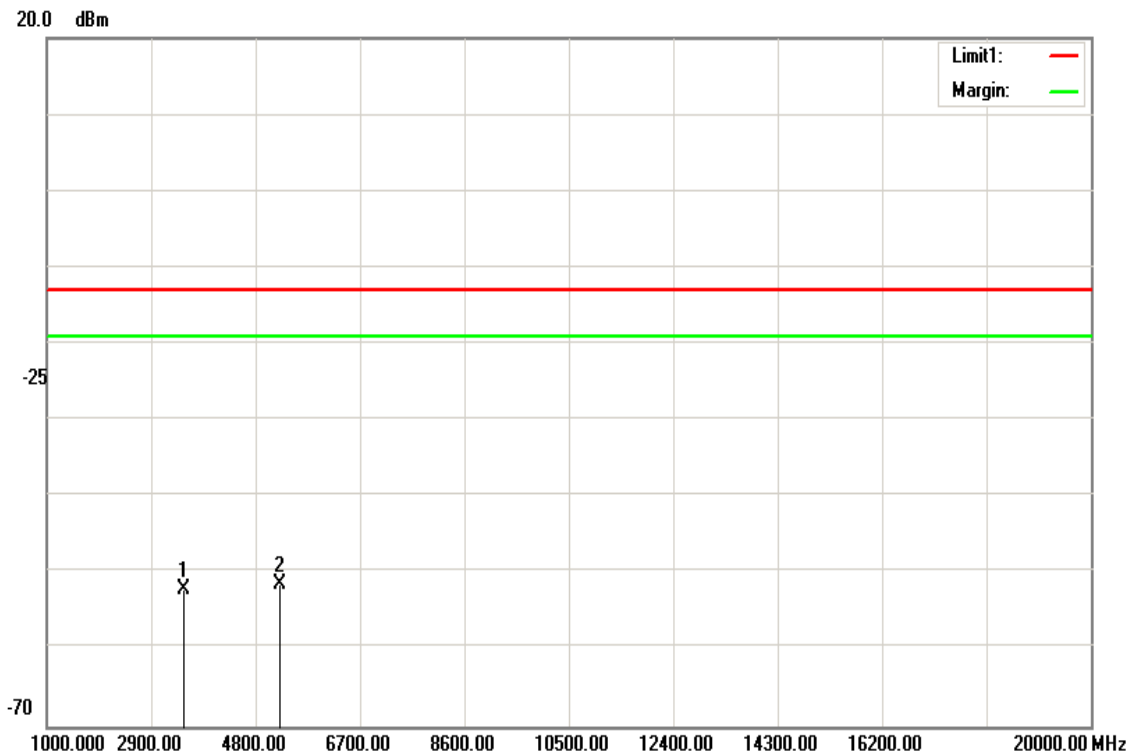


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3465.000	-53.71	7.77	8.79	-52.69	-13.00	-39.69	H
5197.000	-52.05	9.56	10.68	-50.93	-13.00	-37.93	H
N/A							

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: Tx / High channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

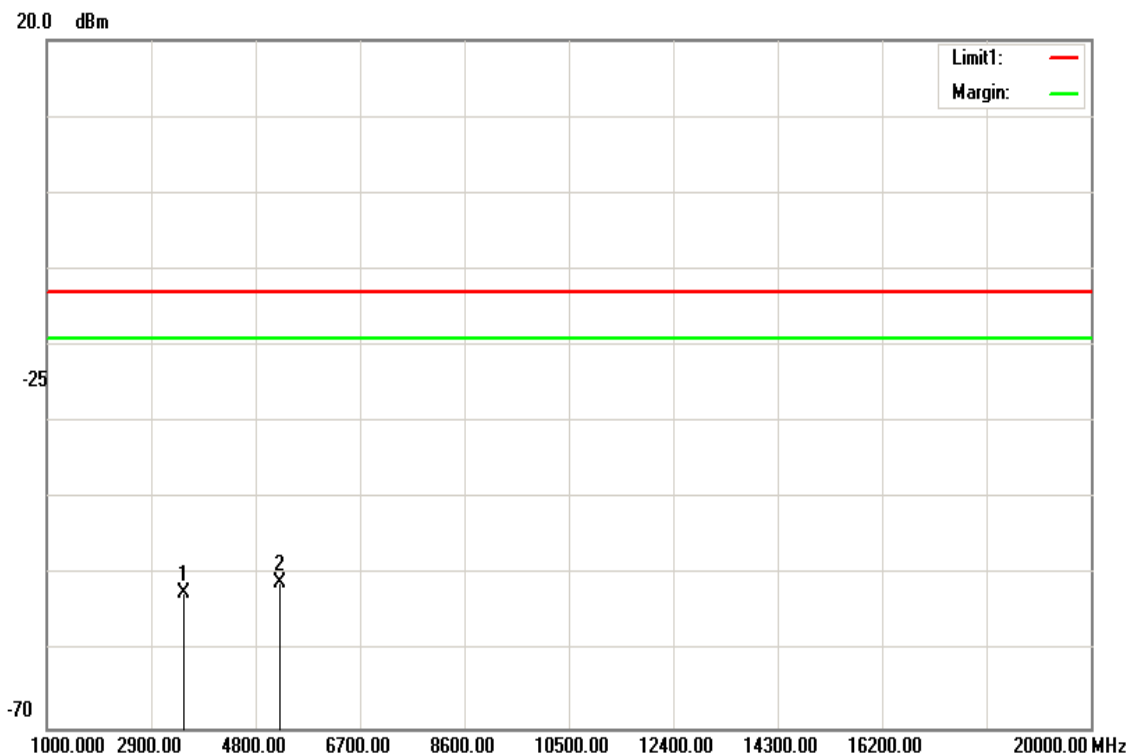


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3490.000	-53.05	7.84	8.87	-52.02	-13.00	-39.02	V
5235.000	-52.49	9.59	10.69	-51.39	-13.00	-38.39	V
N/A							

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: Tx / High channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.



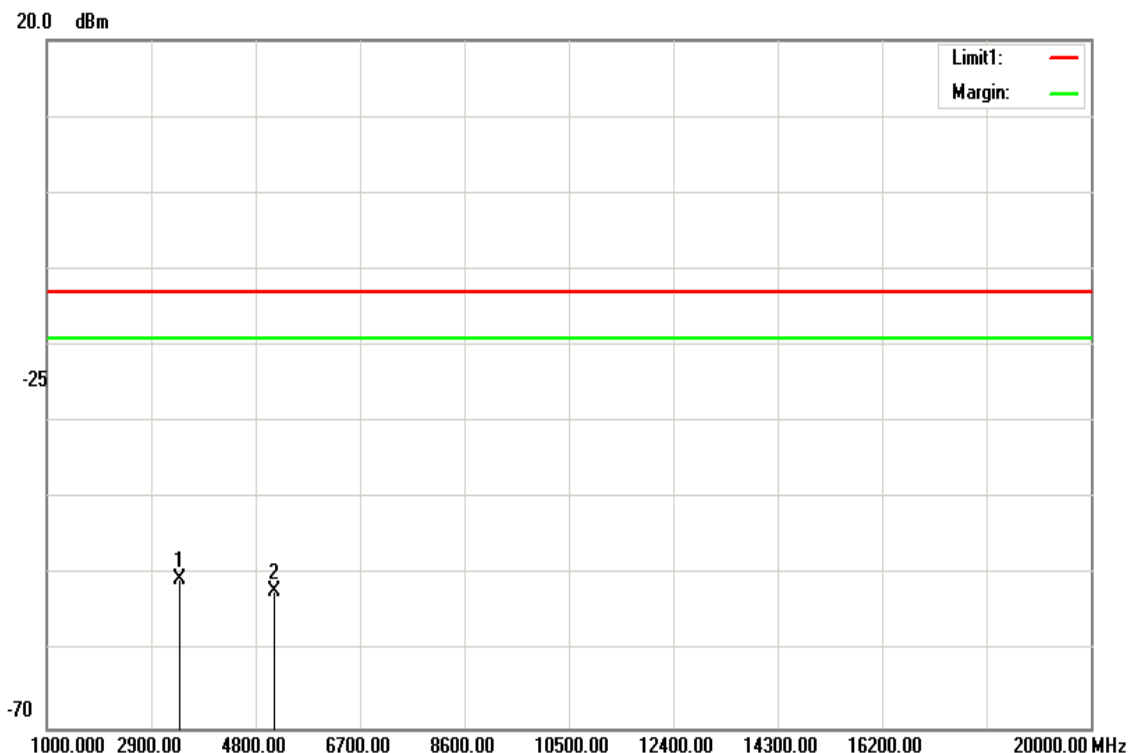
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3490.000	-53.29	7.84	8.87	-52.26	-13.00	-39.26	H
5235.000	-52	9.59	10.69	-50.90	-13.00	-37.90	H
N/A							

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.

LTE Band 4 / CHANNEL BANDWIDTH: 1.4MHz / 16QAM

Operation Mode: Tx / Low channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

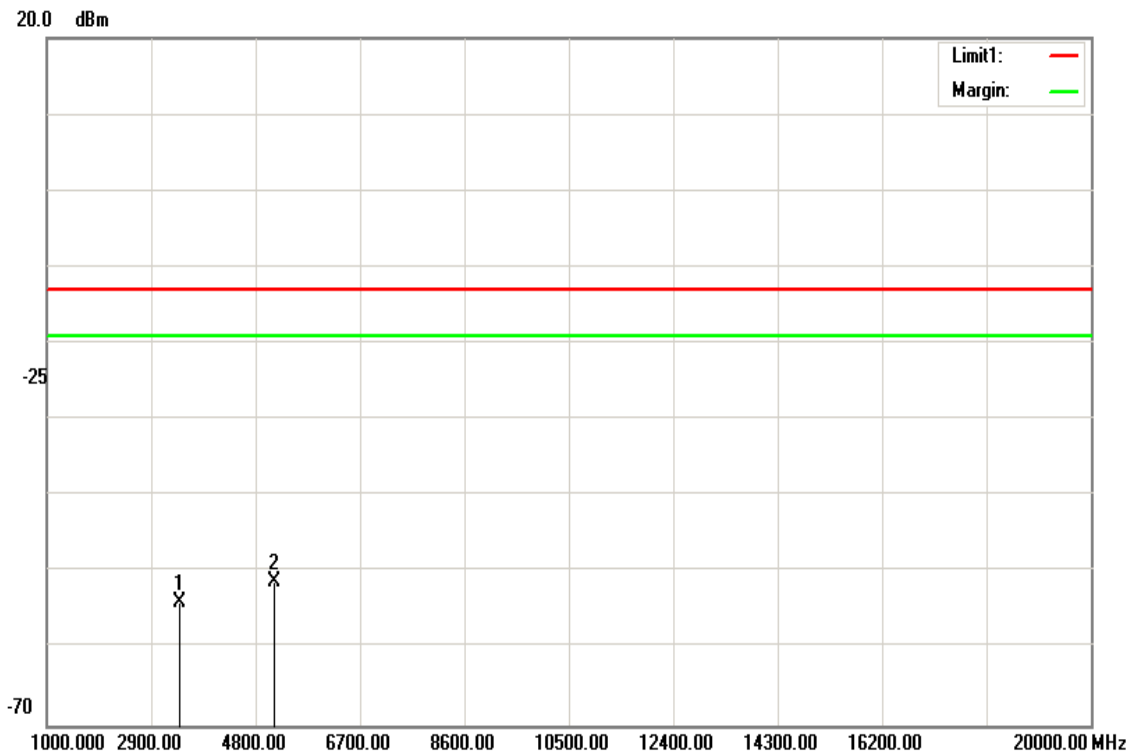


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3420.000	-51.57	7.63	8.66	-50.54	-13.00	-37.54	V
5130.000	-53.32	9.48	10.65	-52.15	-13.00	-39.15	V
N/A							

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: Tx / Low channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

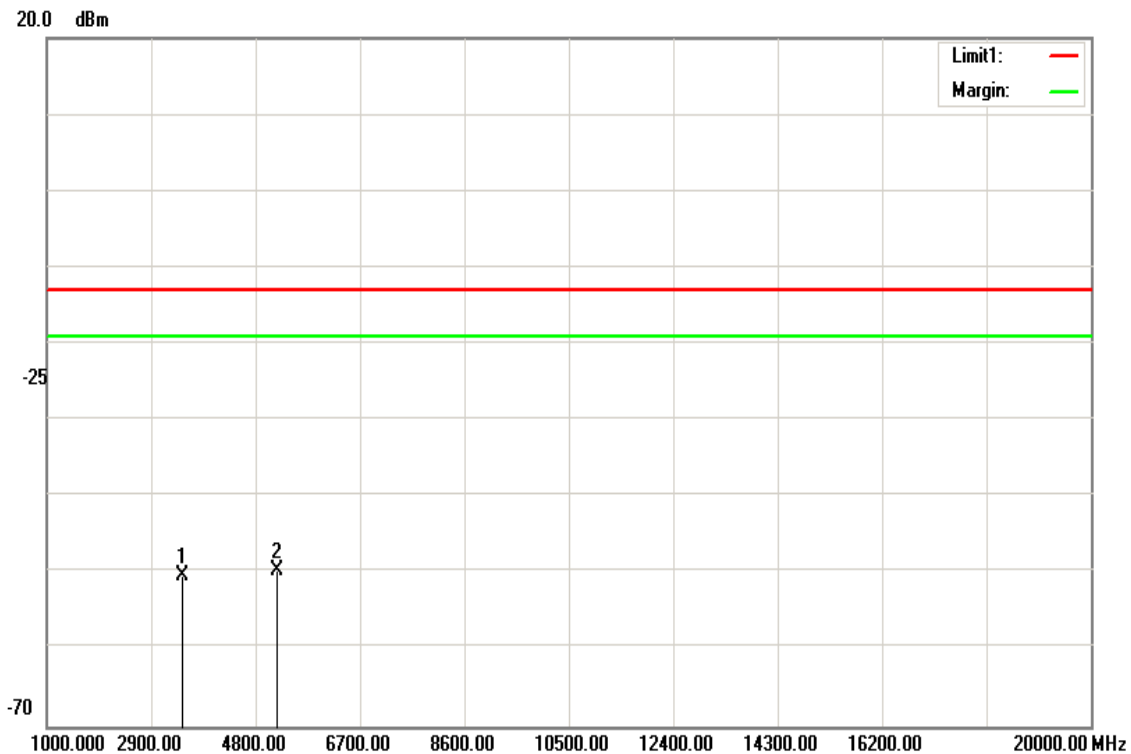


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3420.000	-54.93	7.63	8.66	-53.90	-13.00	-40.90	H
5130.000	-52.43	9.48	10.65	-51.26	-13.00	-38.26	H
N/A							

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: Tx / Middle channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

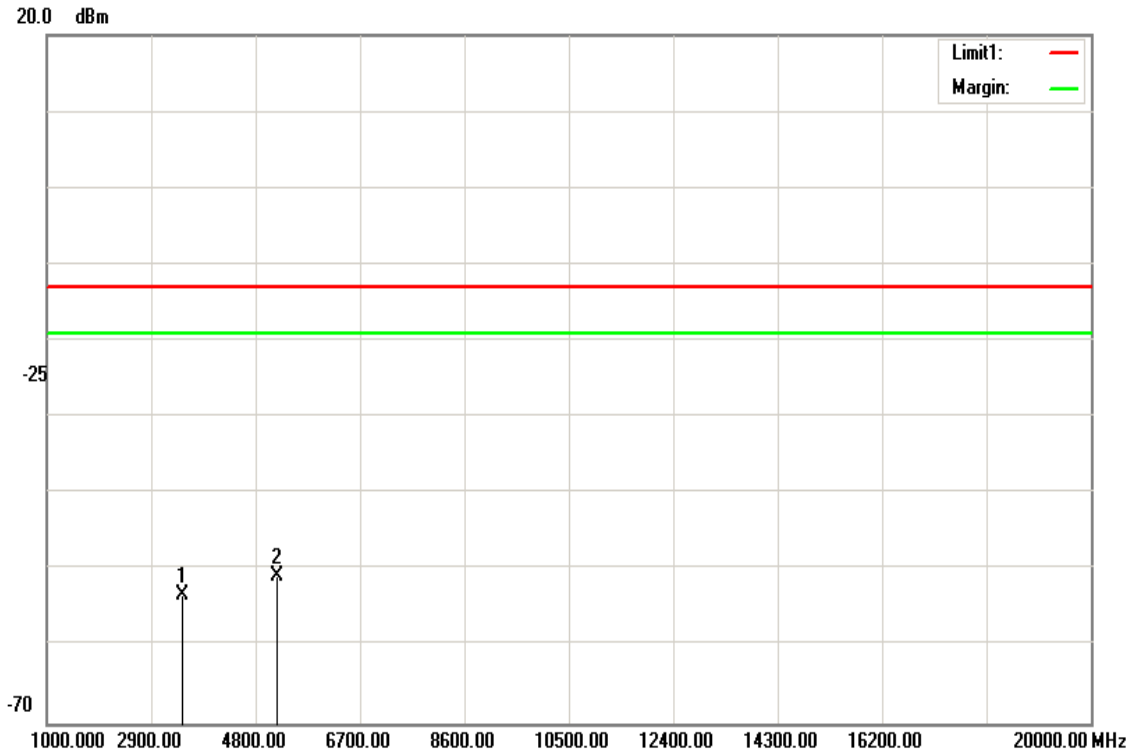


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3465.000	-51.3	7.77	8.79	-50.28	-13.00	-37.28	V
5197.000	-50.73	9.56	10.68	-49.61	-13.00	-36.61	V
N/A							

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: Tx / Middle channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

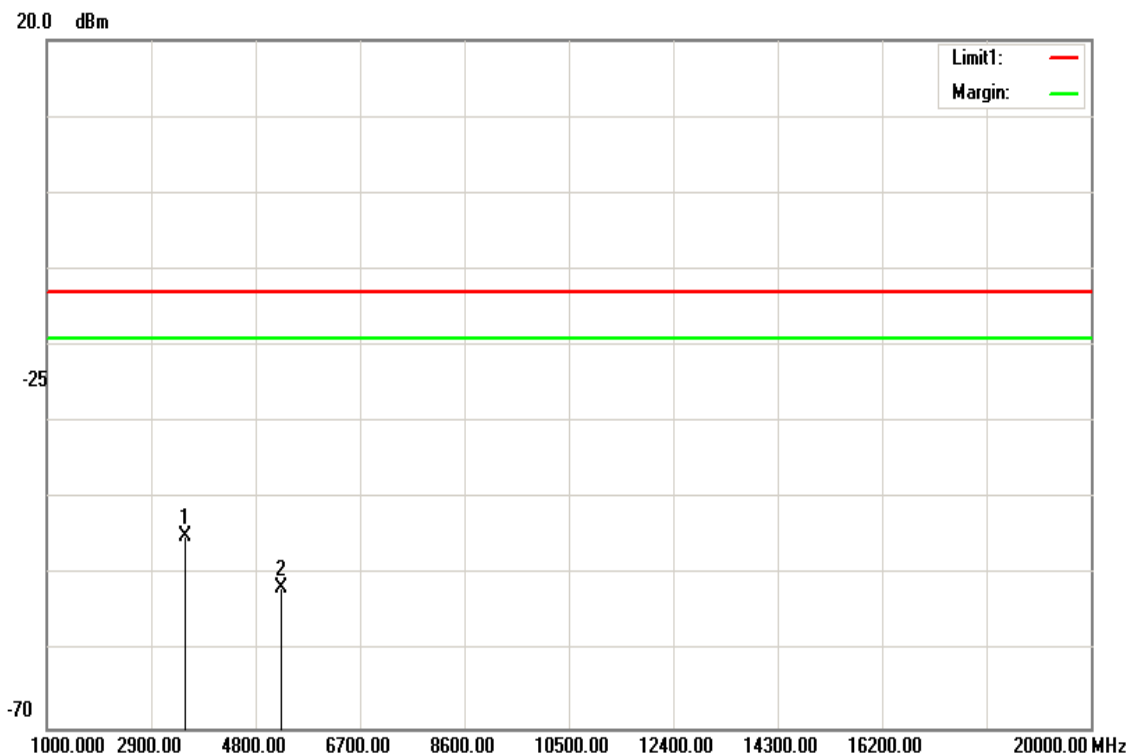


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3465.000	-54.32	7.77	8.79	-53.30	-13.00	-40.30	H
5197.000	-51.82	9.56	10.68	-50.70	-13.00	-37.70	H
N/A							

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: Tx / High channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

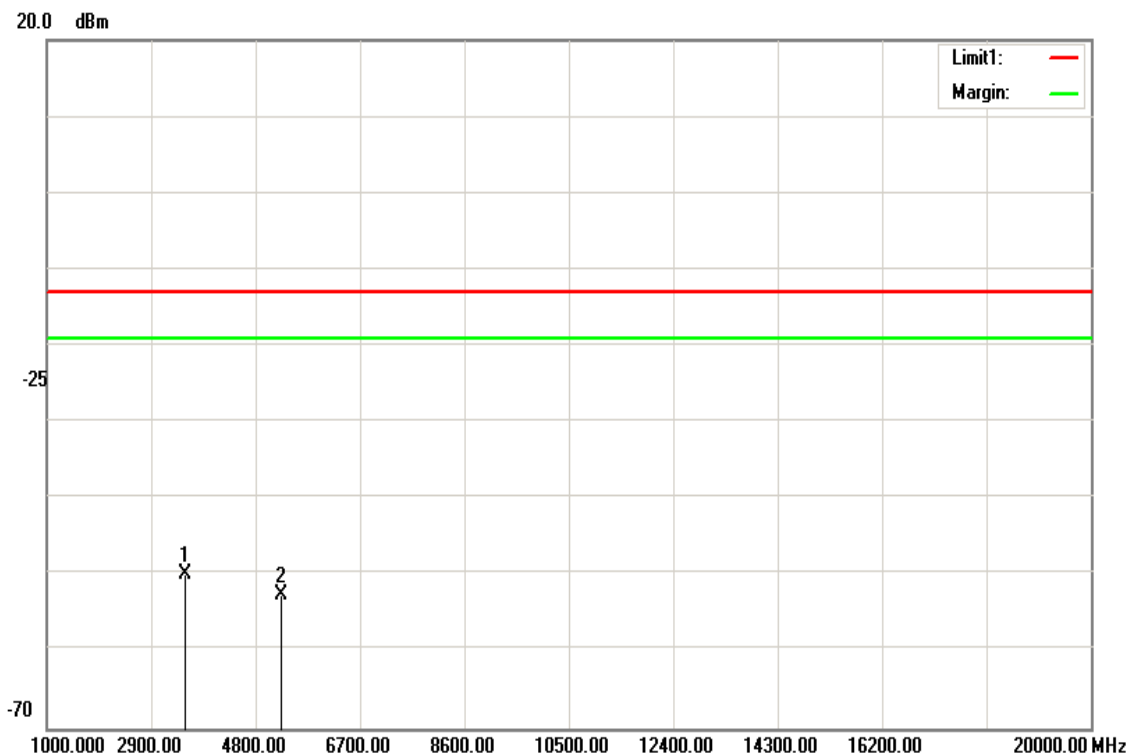


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3508.000	-45.95	7.89	8.91	-44.93	-13.00	-31.93	V
5262.000	-52.79	9.62	10.7	-51.71	-13.00	-38.71	V
N/A							

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: Tx / High channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.



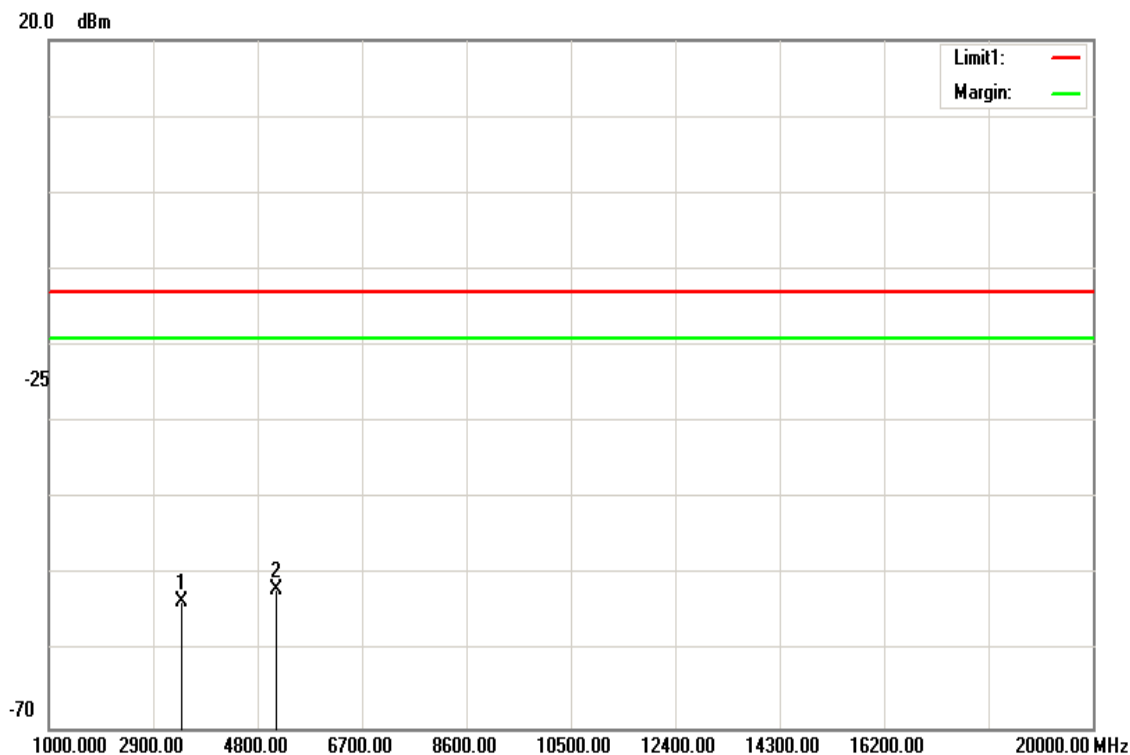
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3508.000	-50.77	7.89	8.91	-49.75	-13.00	-36.75	H
5262.000	-53.67	9.62	10.7	-52.59	-13.00	-39.59	H
N/A							

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.

LTE Band 4 / CHANNEL BANDWIDTH: 5MHz / 16QAM

Operation Mode: Tx / Low channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

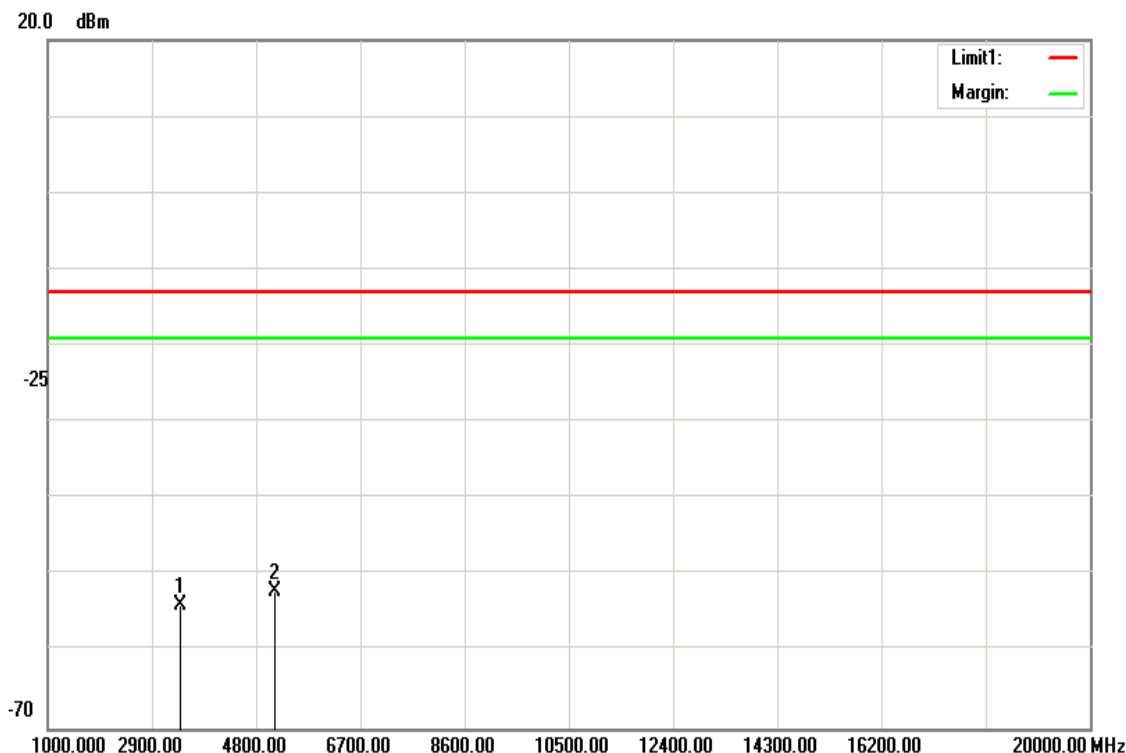


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3425.000	-54.47	7.65	8.68	-53.44	-13.00	-40.44	V
5137.000	-53.07	9.49	10.65	-51.91	-13.00	-38.91	V
N/A							

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: Tx / Low channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

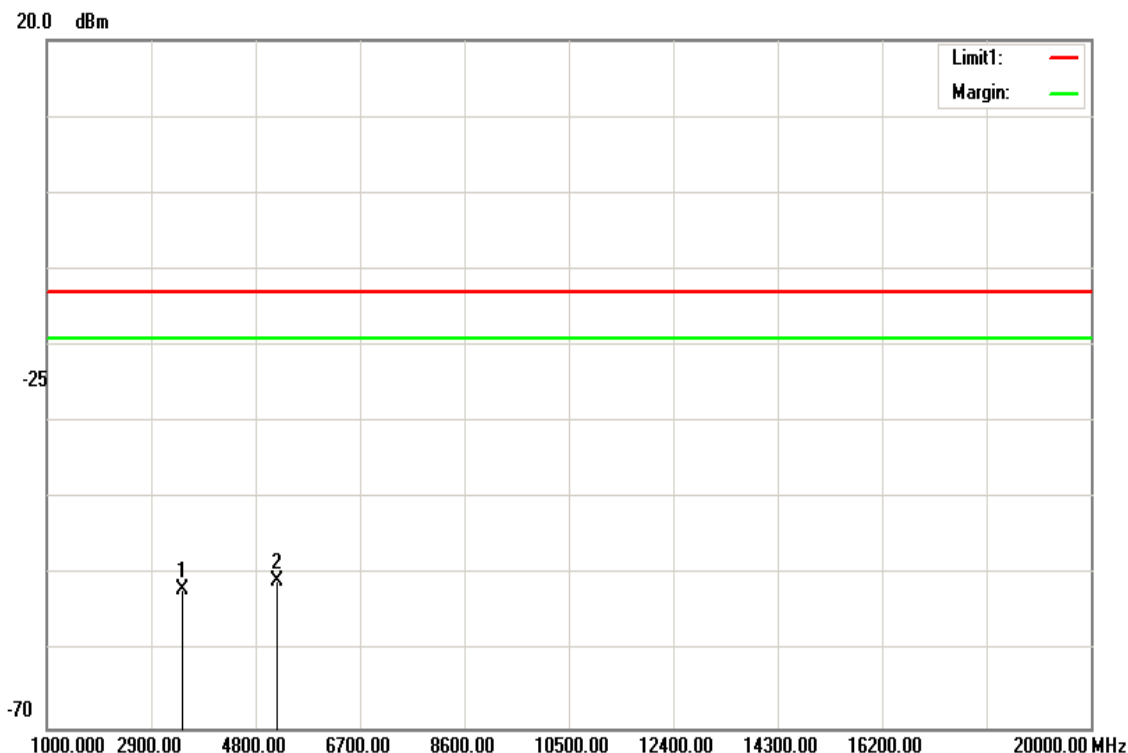


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3425.000	-54.97	7.65	8.68	-53.94	-13.00	-40.94	H
5137.000	-53.2	9.49	10.65	-52.04	-13.00	-39.04	H
N/A							

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: Tx / Middle channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

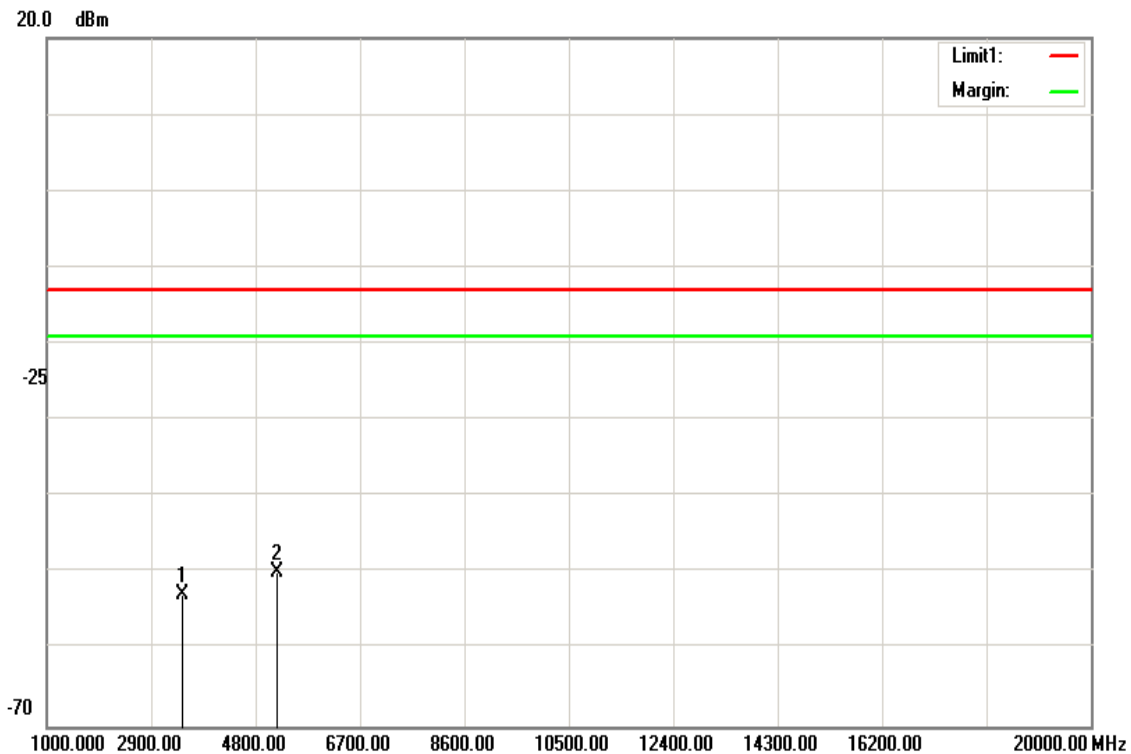


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3465.000	-52.9	7.77	8.79	-51.88	-13.00	-38.88	V
5197.000	-51.91	9.56	10.68	-50.79	-13.00	-37.79	V
N/A							

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: Tx / Middle channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

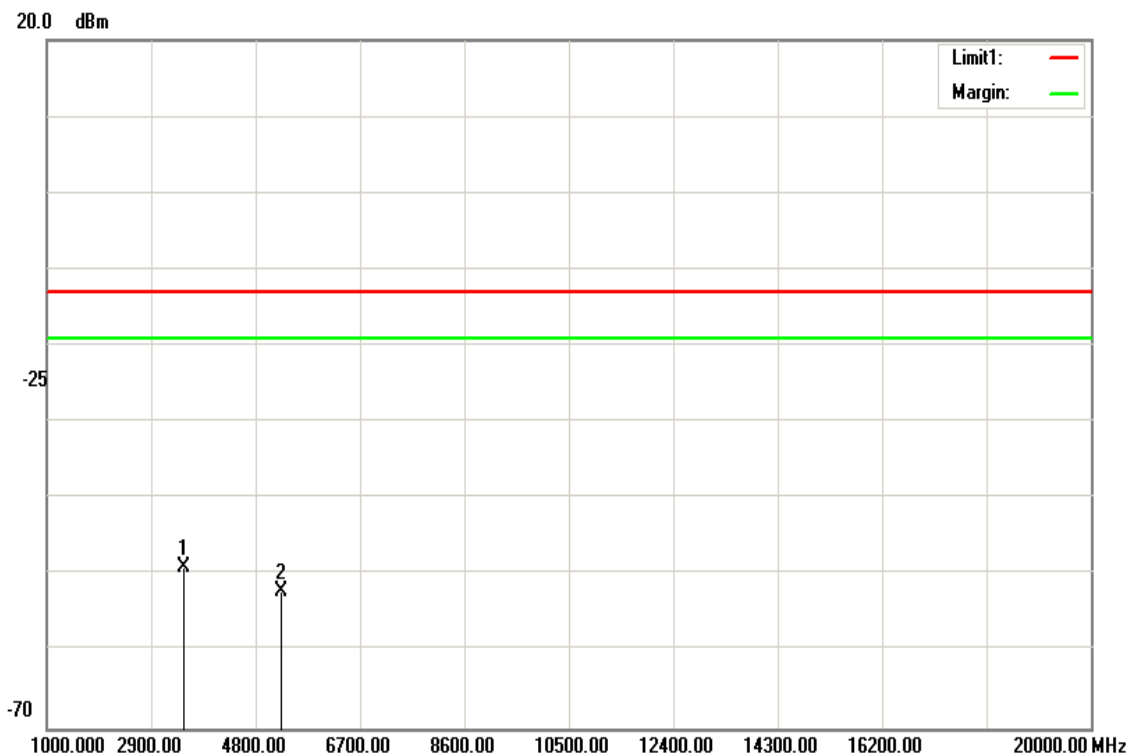


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3465.000	-53.83	7.77	8.79	-52.81	-13.00	-39.81	H
5197.000	-50.9	9.56	10.68	-49.78	-13.00	-36.78	H
N/A							

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: Tx / High channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

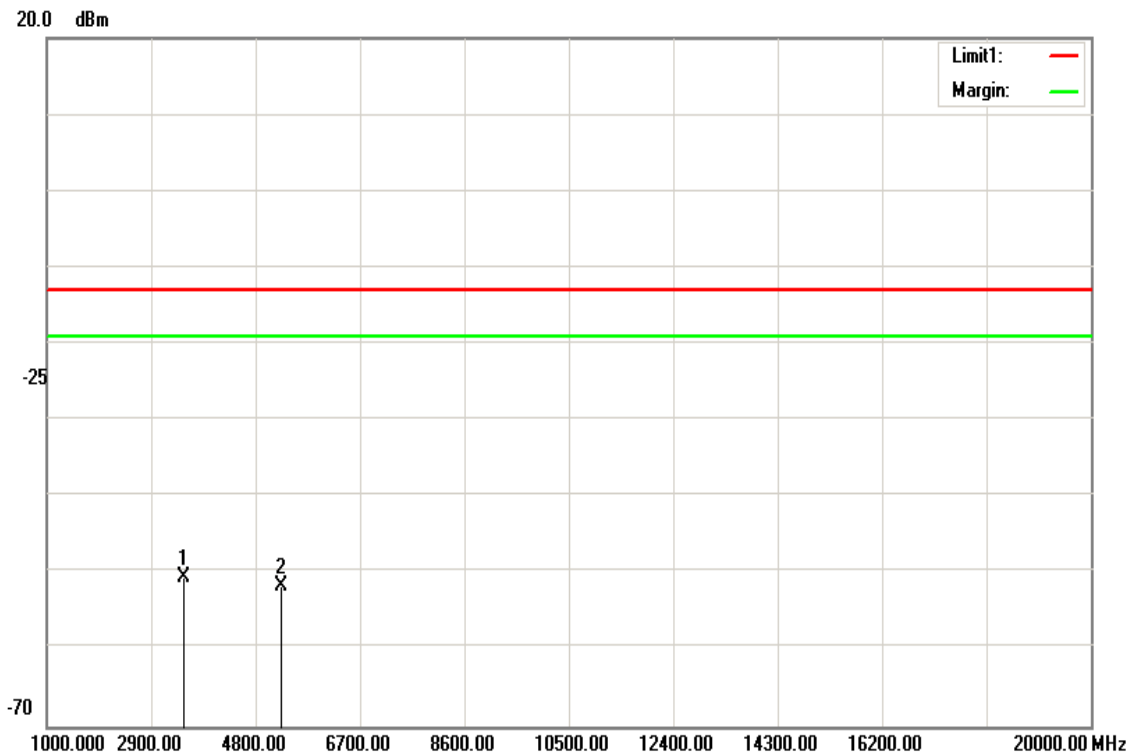


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3505.000	-49.92	7.88	8.91	-48.89	-13.00	-35.89	V
5257.000	-53.17	9.61	10.7	-52.08	-13.00	-39.08	V
N/A							

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: Tx / High channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.



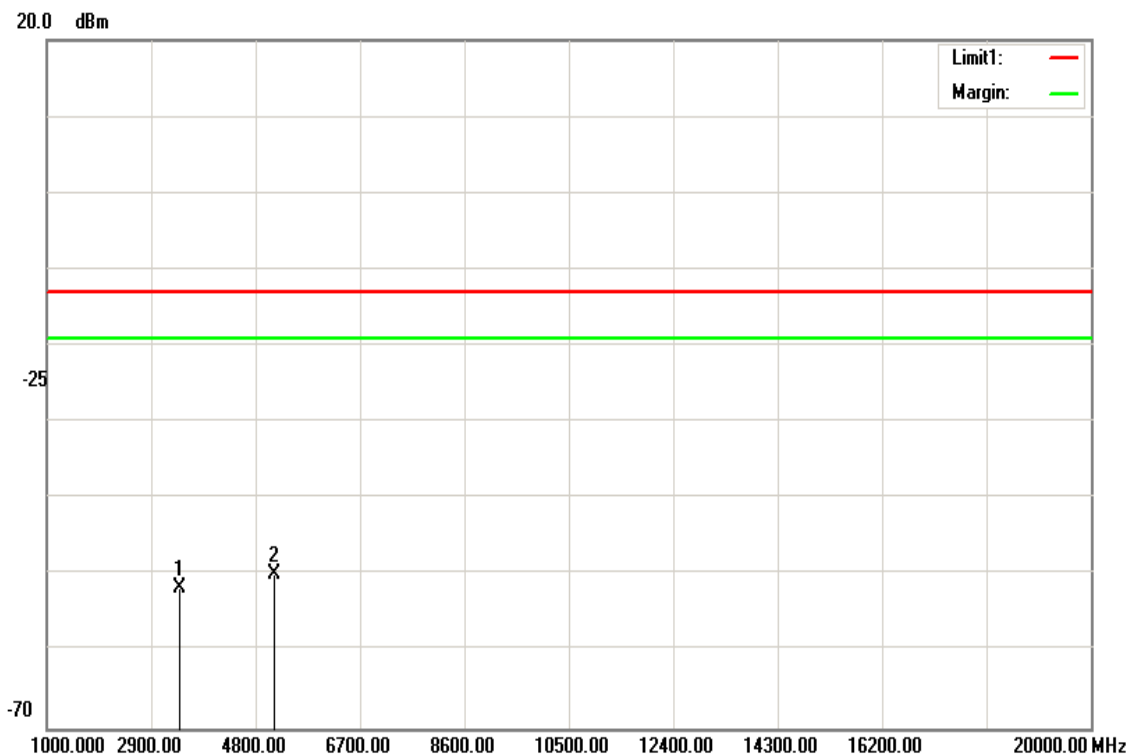
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3505.000	-51.54	7.88	8.91	-50.51	-13.00	-37.51	H
5257.000	-52.85	9.61	10.7	-51.76	-13.00	-38.76	H
N/A							

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.

LTE Band 4 / CHANNEL BANDWIDTH: 10MHz / 16QAM

Operation Mode: Tx / Low channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

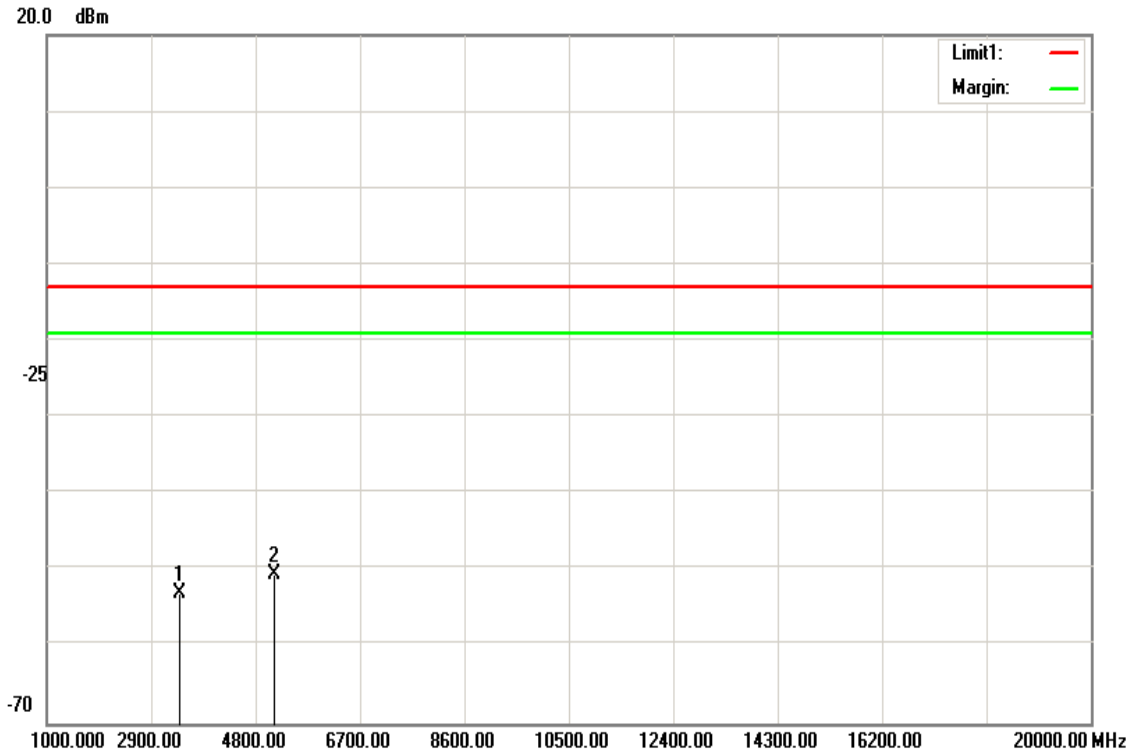


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3430.000	-52.69	7.66	8.69	-51.66	-13.00	-38.66	V
5145.000	-50.93	9.5	10.66	-49.77	-13.00	-36.77	V
N/A							

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: Tx / Low channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

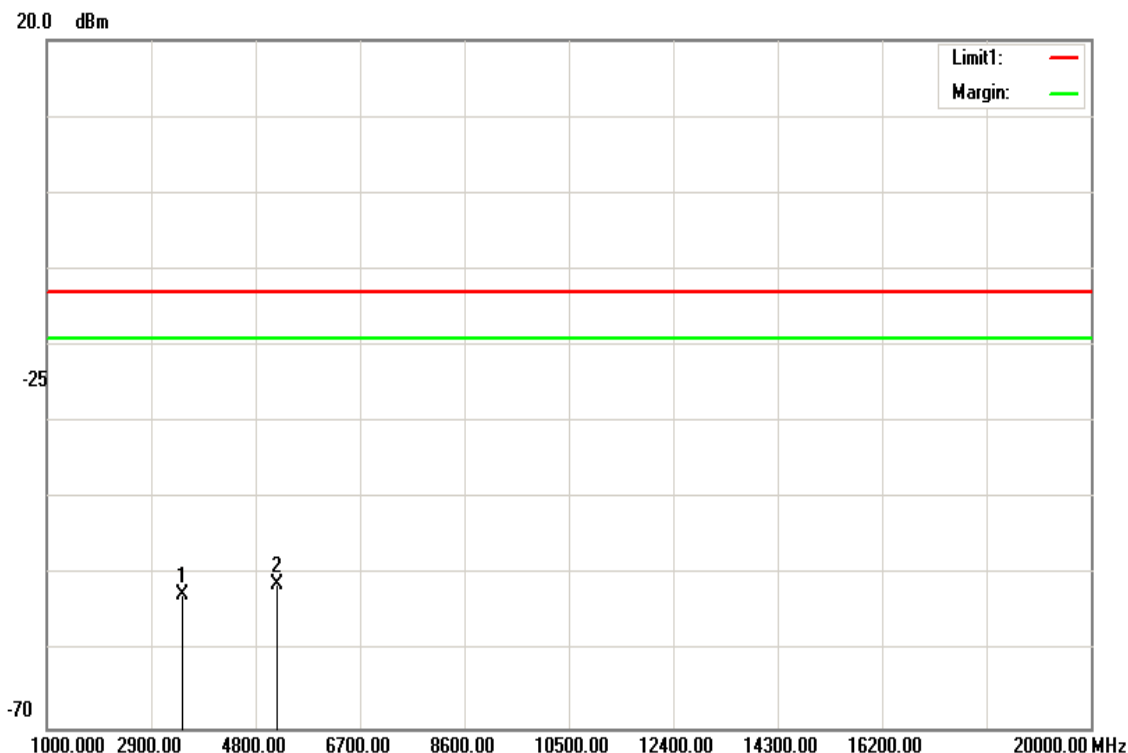


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3430.000	-53.97	7.66	8.69	-52.94	-13.00	-39.94	H
5145.000	-51.68	9.5	10.66	-50.52	-13.00	-37.52	H
N/A							

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: Tx / Middle channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

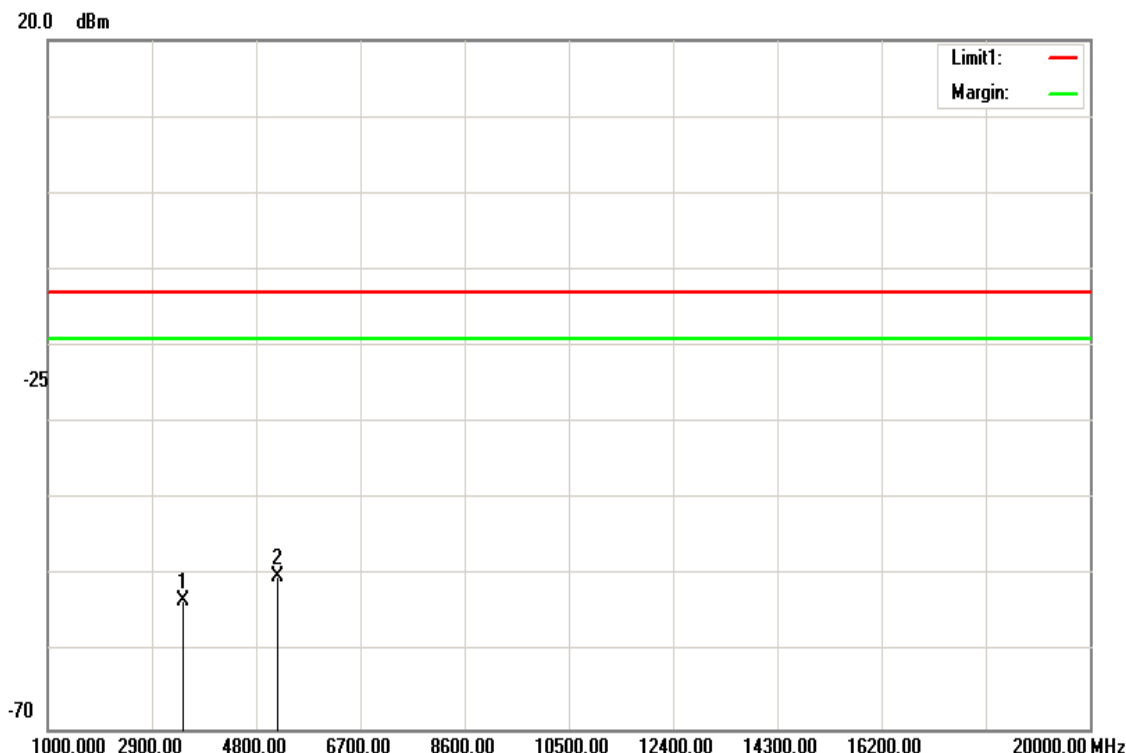


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3465.000	-53.47	7.77	8.79	-52.45	-13.00	-39.45	V
5197.000	-52.43	9.56	10.68	-51.31	-13.00	-38.31	V
N/A							

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: Tx / Middle channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

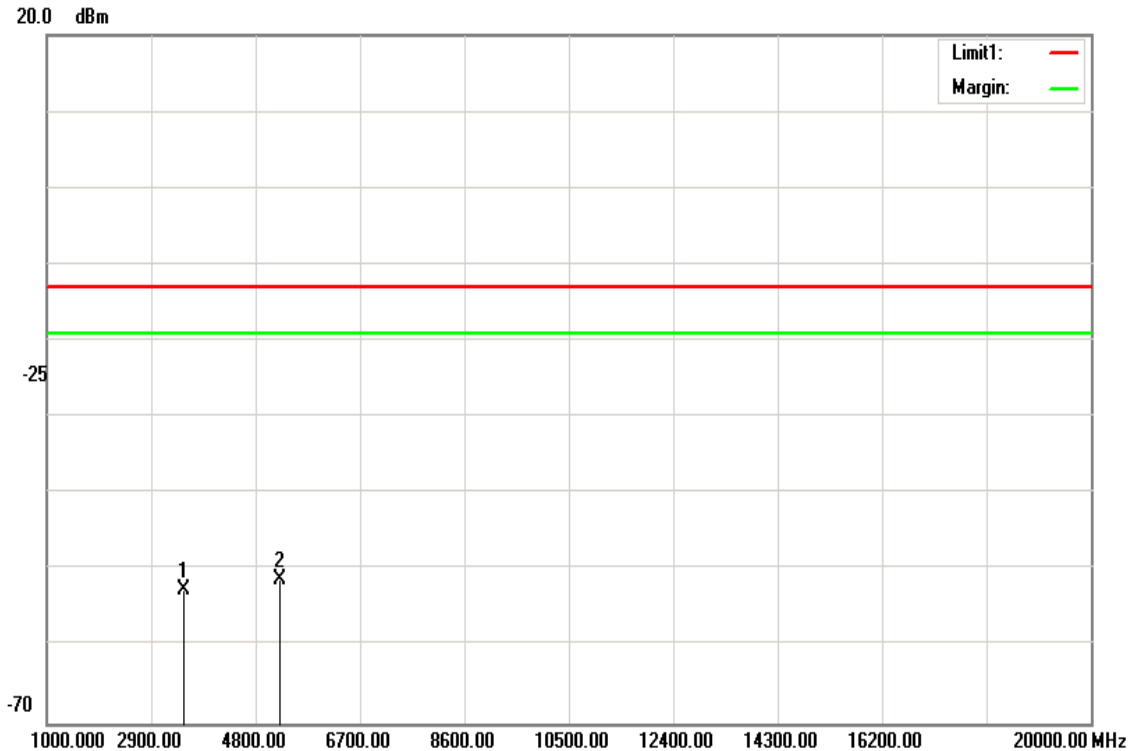


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3465.000	-54.3	7.77	8.79	-53.28	-13.00	-40.28	H
5197.000	-51.21	9.56	10.68	-50.09	-13.00	-37.09	H
N/A							

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: Tx / High channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

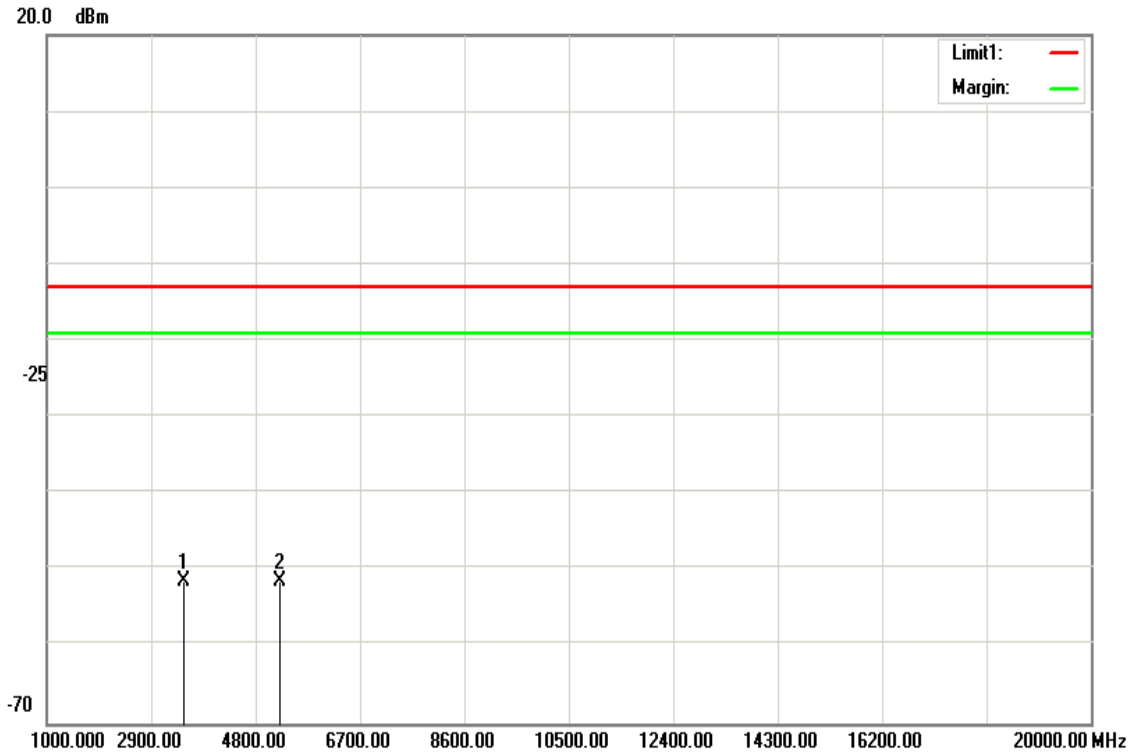


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3500.000	-53.54	7.87	8.9	-52.51	-13.00	-39.51	V
5250.000	-52.27	9.61	10.7	-51.18	-13.00	-38.18	V
N/A							

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: Tx / High channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.



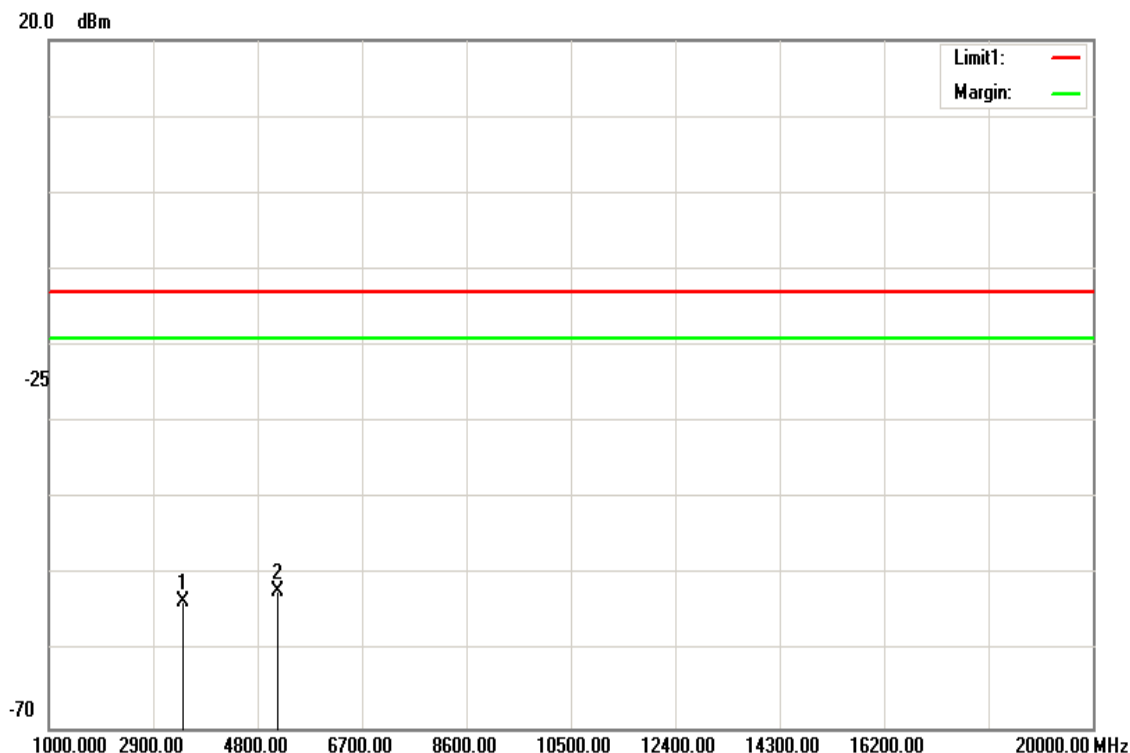
Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3500.000	-52.5	7.87	8.9	-51.47	-13.00	-38.47	H
5250.000	-52.61	9.61	10.7	-51.52	-13.00	-38.52	H
N/A							

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.

LTE Band 4 / CHANNEL BANDWIDTH: 20MHz / 16QAM

Operation Mode: Tx / Low channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

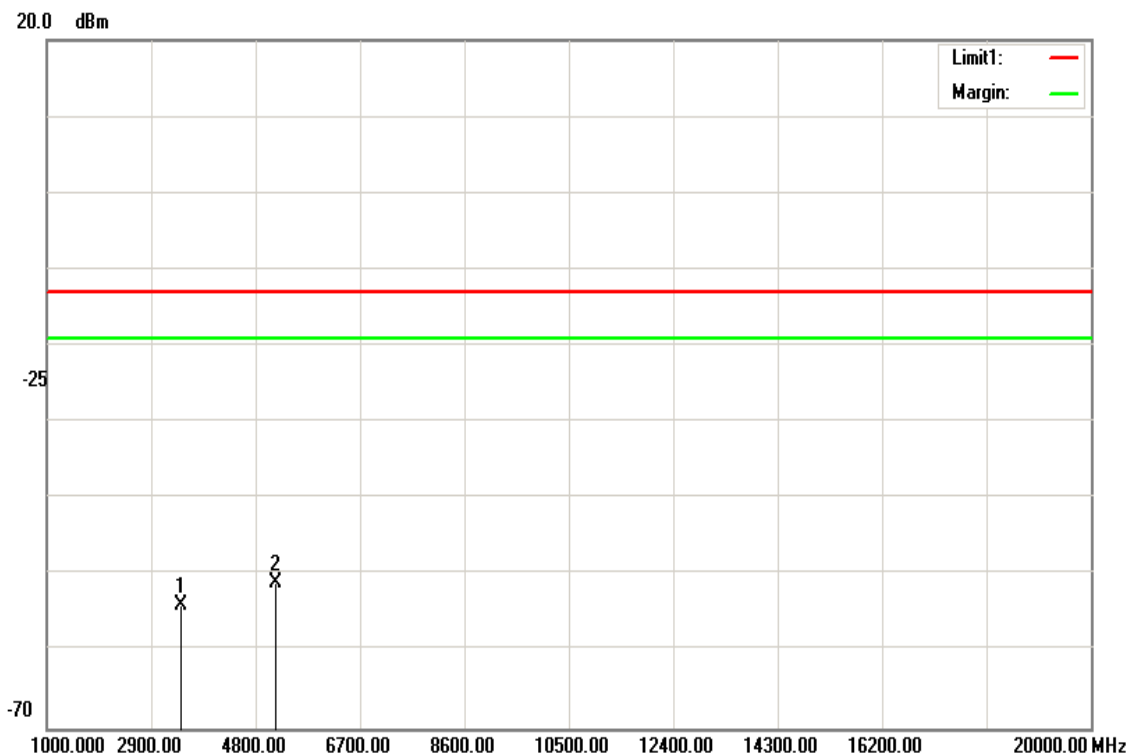


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3440.000	-54.52	7.69	8.72	-53.49	-13.00	-40.49	V
5160.000	-53.27	9.52	10.66	-52.13	-13.00	-39.13	V
N/A							

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: Tx / Low channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

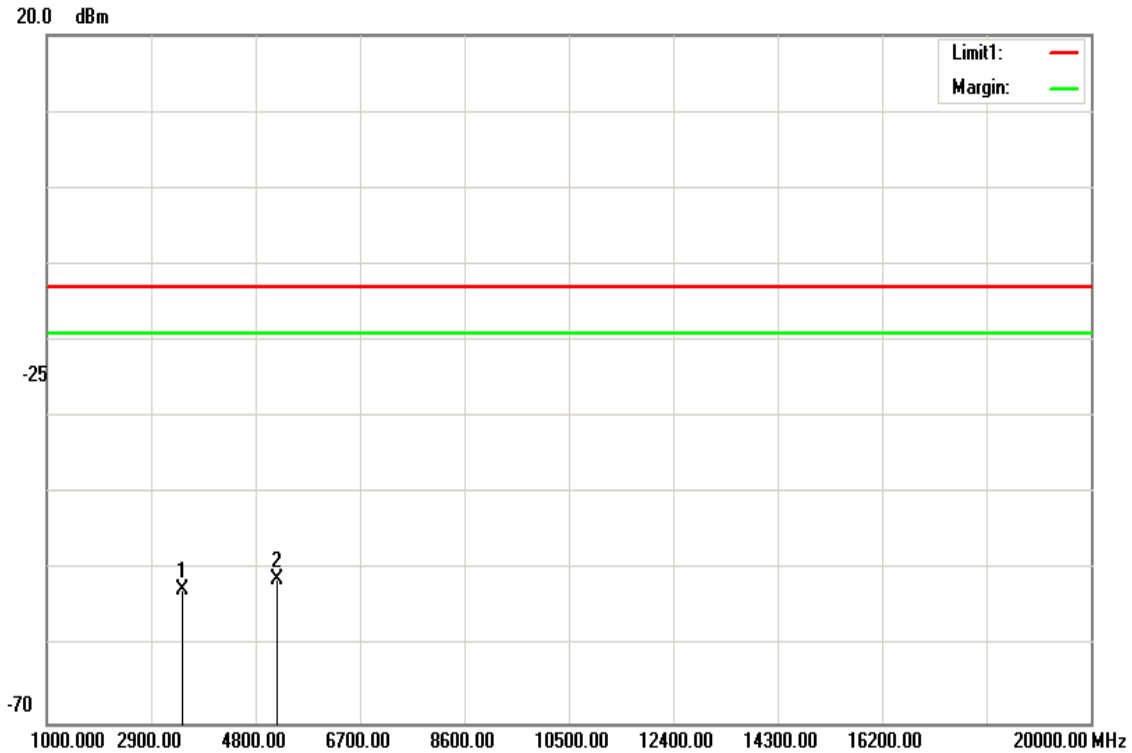


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3440.000	-55.02	7.69	8.72	-53.99	-13.00	-40.99	H
5160.000	-52.05	9.52	10.66	-50.91	-13.00	-37.91	H
N/A							

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: Tx / Middle channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

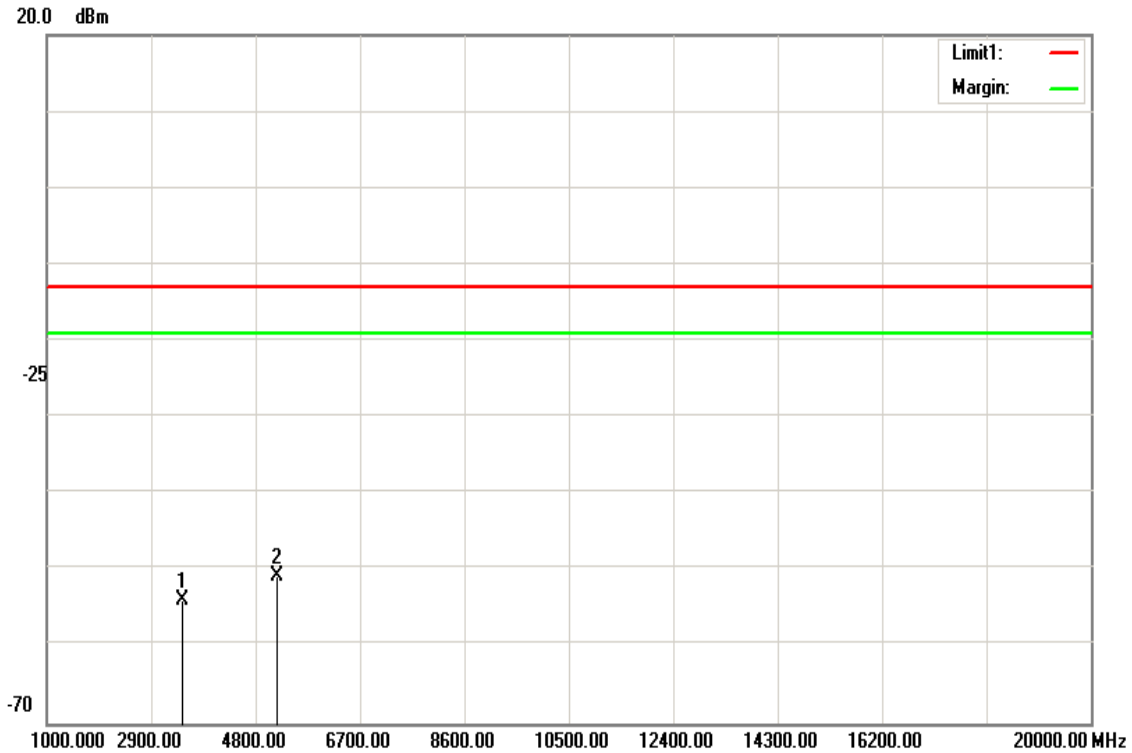


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3465.000	-53.6	7.77	8.79	-52.58	-13.00	-39.58	V
5197.000	-52.22	9.56	10.68	-51.10	-13.00	-38.10	V
N/A							

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: Tx / Middle channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Hor.

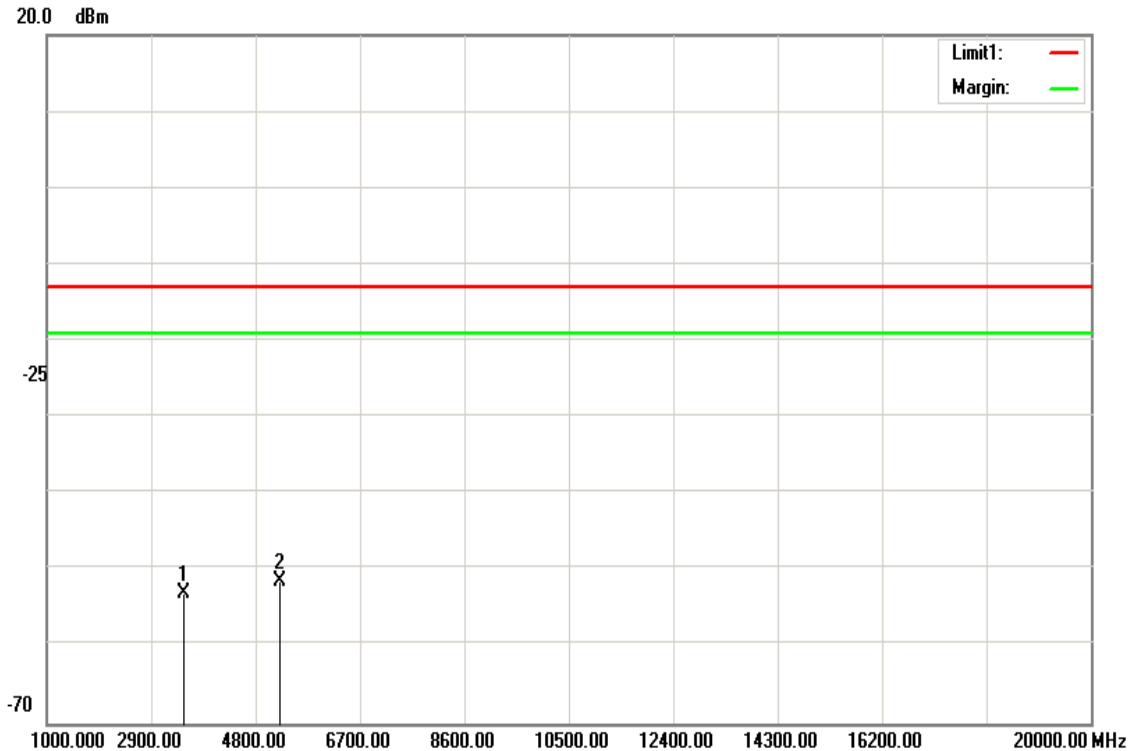


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3465.000	-55	7.77	8.79	-53.98	-13.00	-40.98	H
5197.000	-51.94	9.56	10.68	-50.82	-13.00	-37.82	H
N/A							

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: Tx / High channel **Test Date:** April 21, 2016
Temperature: 22.6°C **Tested by:** Dennis Li
Humidity: 57.2% RH **Polarity:** Ver.

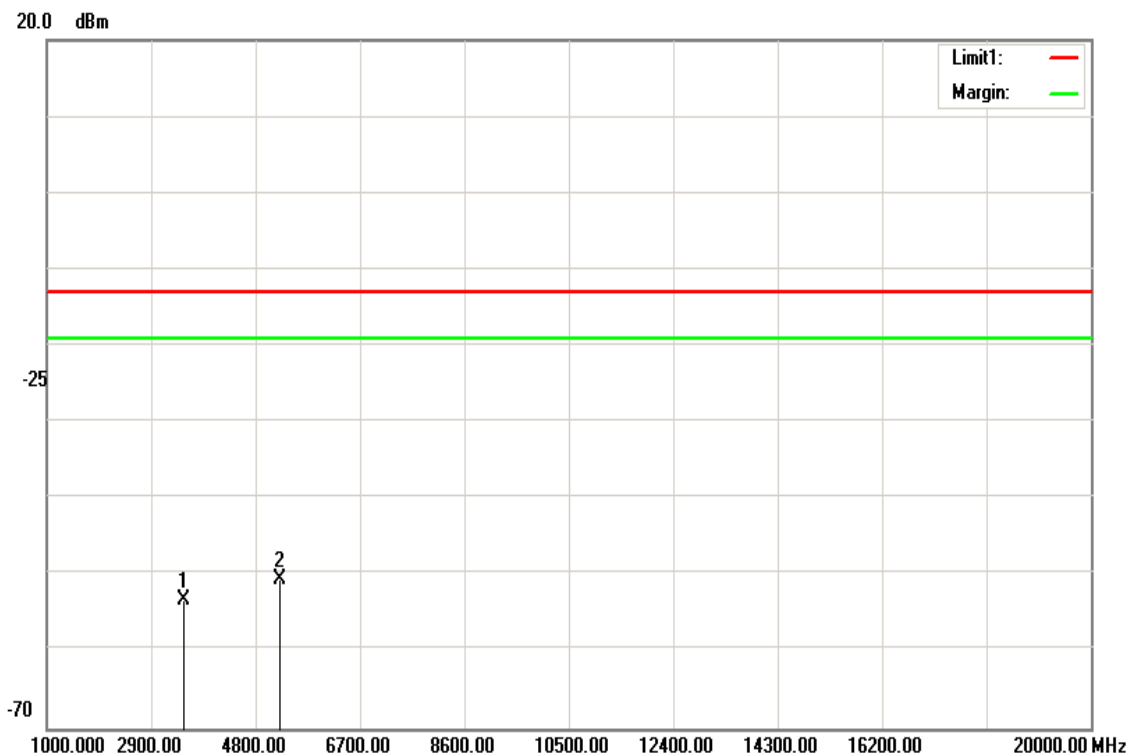


Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3490.000	-54.12	7.84	8.87	-53.09	-13.00	-40.09	V
5235.000	-52.44	9.59	10.69	-51.34	-13.00	-38.34	V
N/A							

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: Tx / High channel **Test Date:** April 21, 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)
3490.000	-54.33	7.84	8.87	-53.30	-13.00	-40.30	H
5235.000	-51.59	9.59	10.69	-50.49	-13.00	-37.49	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.