6.6.4 Test Results

6.6.4.1 700MHz Band

Frequency(MHz)	Max.Limit(dB)	Noise figure data (dB)	Margin(dB)	Result
Downlink:758~768	9	3.14	-5.86	pass
Uplink:788~798	9	3.87	-5.13	pass
Downlink (Max. channel bandwidth 75kHz)				
769.0125	9	3.73	-5.27	pass
772.0125	9	3.28	-5.72	pass
774.9875	9	4.06	-4.94	pass
Uplink (Max. channel bandwidth 75kHz)				
799.0125	9	3.05	-5.95	pass
802.0125	9	3.65	-5.35	pass
804.9875	9	4.02	-4.98	pass

6.6.4.2 800MHz Band

Frequency(MHz)	Max.Limit(dB)	Noise figure data (dB)	Margin(dB)	Result
Downlink (Max. channel bandwidth 75kHz)				
851.0125	9	3.67	-5.33	pass
860.0125	9	3.43	-5.57	pass
868.9875	9	3.98	-5.02	pass
Uplink (Max. channel bandwidth 75kHz)				
806.0125	9	4.23	-4.77	pass
815.0125	9	3.87	-5.13	pass
823.9875	9	4.15	-4.85	pass

6.7 Intermodulation product

Test Date (yy-mm-dd): 2017-04-12 to 2017-04-15

Test environment: Normal

Ambient Temp 23.8℃~28.1℃, Humid 44%~59%, Atmospheric Pressure 101kpa

Power supply: AC 120V 50/60Hz

Test Method: KDB 935210 D05 Indus Booster Basic Meas v01r01

Test Requirement: FCC part 90.210(b)

6.7.1 Limit

Specification test limits of intermodulation products are given in table 11

Table 11 Intermodulation product limits

frequency range(MHz)	Max. intermodulation product limit(dBm)
758-768/788-798	-13.0
769-775/799-805	-13.0
806-824/851-869	-13.0

NOTE: RF channels to be tested for single-carrier: Low frequency, Mid frequency and High frequency;

6.7.2 Test configuration

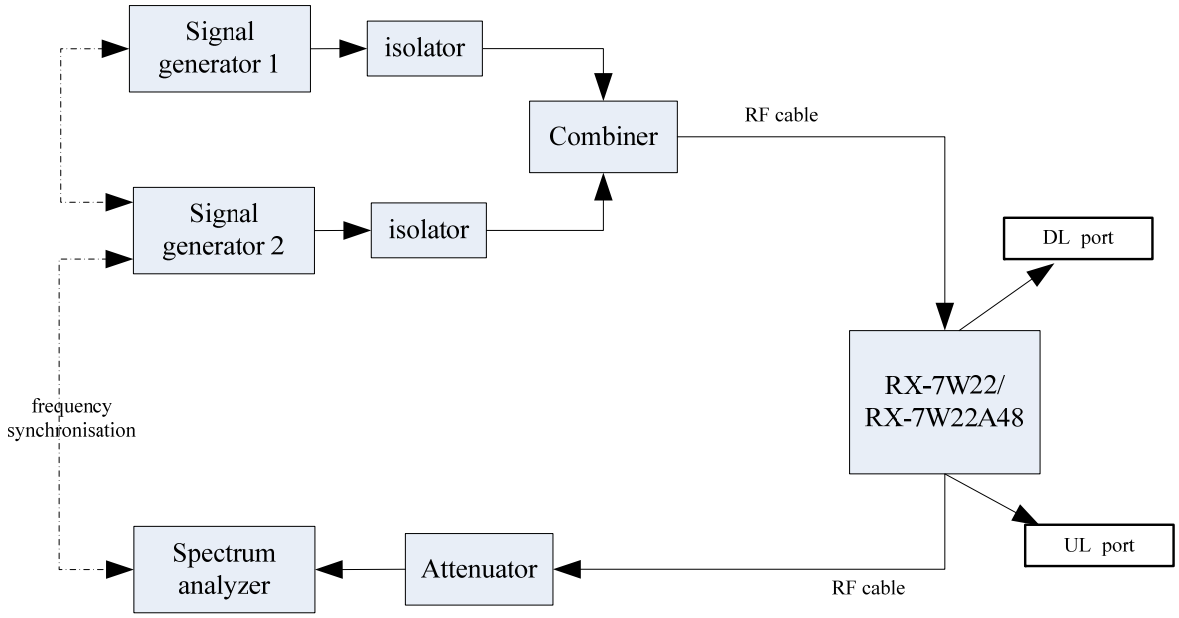


Figure 13: Conducted spurious emissions arrangement for Downlink

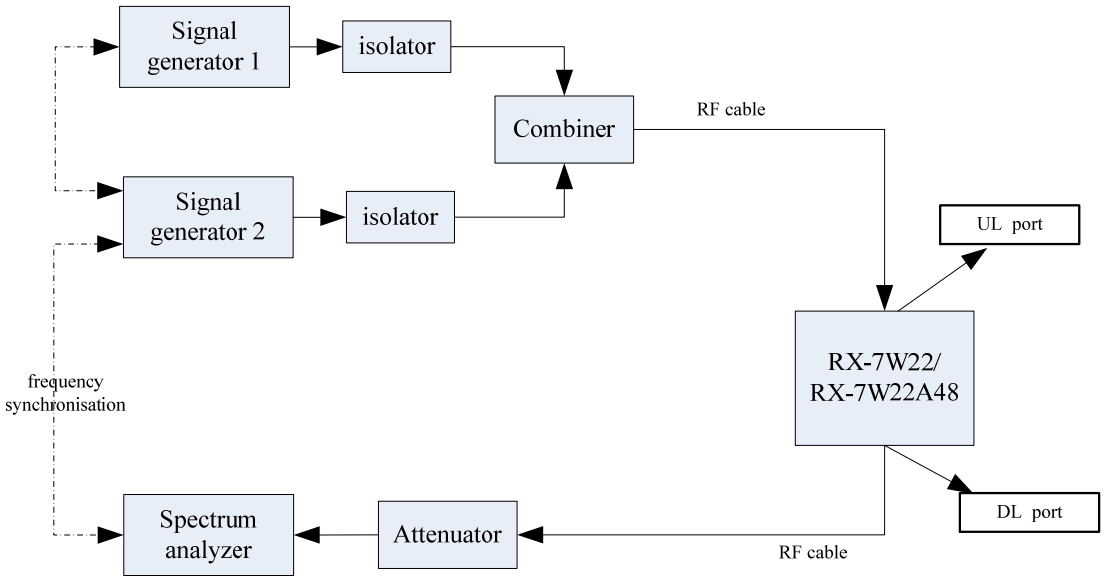


Figure 14: Conducted spurious emissions arrangement for Uplink

6.7.3 Test procedures

(1) Connect the equipment as illustrated Figure 13 and Figure 14, when the output power is over the maximum value of the Spectrum Analyzer, add the attenuator to avoid destroying;

(2) If the signal generator is not capable of producing two independent modulated carriers simultaneously, then two discrete signal generators can be connected, with an appropriate combining network to support the two-signal test;

(3) Set the signal generator frequency to the center frequency of the EUT operating band;

(4) Configure the two signal generator to produce CW on frequencies space consistent with 12.5kHz, 25kHz and 600kHz, with amplitude levels set to just below the AGC threshold and maximum gain;

(5) Connect a spectrum analyzer to the EUT output;

(6) Set the RBW = 1 kHz ;

(7) Set the VBW = 3 × RBW;

(8) Set the detector to power averaging (rms);

(9) Place a marker on highest intermodulation product amplitude;

(10) Capture the plot for inclusion in the test report;

(11) Repeat step (3) to (10) with the composite input power level set to 3 dB above the AGC threshold;

(12) Repeat steps (2) to (11) for all operational bands;

6.7.4 Test Results

6.7.4.1 700MHz Band

(1) Downlink transmit mode

Frequency range		Intermodulaiton product Limit (dBm)	Max. intermodulation product(dBm)	Margin(dB)	Result
1). Frequency range: 758MHz~768MHz					
1.1). With the AGC threshold level					
Low frequency: f1: 758.7MHz f2:759.3MHz		-13dBm	-17.33	-4.33	pass
Mid frequency: f1: 762.7MHz f2: 763.3MHz		-13dBm	-17.52	-4.52	pass
High frequency: f1: 766.7MHz f2:767.3MHz		-13dBm	-17.89	-4.89	pass
1.2). With the input signal amplitude set 3 dB above the ALC threshold					
Low frequency: f1: 758.7MHz f2:759.3MHz		-13dBm	-17.65	-4.65	pass
Mid frequency: f1: 763.7MHz f2: 763.3MHz		-13dBm	-17.85	-4.85	pass
High frequency: f1: 766.7MHz f2:767.3MHz		-13dBm	-18.10	-5.10	pass
2). Frequency range: 769MHz~775MHz					
2.1). With the AGC threshold level					
Channel Bandwidth: 12.5kHz	Low frequency: f1:769.00625MHz f2:769.01875MHz	-13dBm	-19.81	-6.81	pass
	Mid frequency: f1:772.0MHz f2:772.0125MHz	-13dBm	-18.23	-5.23	pass
	High frequency: f1:774.98125MHz f2:774.99375MHz	-13dBm	-18.23	-5.23	pass
Channel Bandwidth: 25kHz	Low frequency: f1:769.0125MHz f2:769.0375MHz	-13dBm	-16.84	-3.84	pass
	Mid frequency: f1:772.0MHz f2:772.025MHz	-13dBm	-17.94	-4.94	pass
	High frequency: f1:774.9625MHz f2:774.9875MHz	-13dBm	-17.52	-4.52	pass
2.2). With the input signal amplitude set 3 dB above the ALC threshold					
Channel Bandwidth: 12.5kHz	Low frequency: f1:769.00625MHz f2:769.01875MHz	-13dBm	-20.54	-7.54	pass
	Mid frequency: f1:772.0MHz f2:772.0125MHz	-13dBm	-16.98	-3.98	pass
	High frequency: f1:769.00625MHz f2:774.99375MHz	-13dBm	-17.20	-4.20	pass

Channel Bandwidth: 25kHz	Low frequency: f1:769.0125MHz f2:769.0375MHz	-13dBm	-17.40	-4.40	pass
	Mid frequency: f1:772.0MHz f2:772.025MHz	-13dBm	-17.76	-4.76	pass
	High frequency: f1:774.9625MHz f2:774.9875MHz	-13dBm	-18.25	-5.25	pass
Note: 1*--Margin= Maximum mark level- specification limit.					

(2) Uplink transmit mode

Frequency range		Intermodulaiton product Limit (dBm)	Max. intermodulation product(dBm)	Margin(dB)	Result
1). Frequency range: 788MHz~798MHz					
1.1). With the AGC threshold level					
Low frequency: f1: 788.7MHz f2:789.3MHz		-13dBm	-27.78	-14.78	pass
Mid frequency: f1: 792.7MHz f2: 793.3MHz		-13dBm	-29.30	-16.30	pass
High frequency: f1: 796.7MHz f2:797.3MHz		-13dBm	-34.90	-21.90	pass
1.2). With the input signal amplitude set 3 dB above the ALC threshold					
Low frequency: f1: 788.7MHz f2:789.3MHz		-13dBm	-30.38	-17.38	pass
Mid frequency: f1: 792.7MHz f2: 793.3MHz		-13dBm	-32.63	-19.63	pass
High frequency: f1: 796.7MHz f2:797.3MHz		-13dBm	-36.53	-23.53	pass
2). Frequency range: 799MHz~805MHz					
2.1). With the AGC threshold level					
Channel Bandwidth: 12.5kHz	Low frequency: f1:799.00625MHz f2:799.01875MHz	-13dBm	-21.98	-8.98	pass
	Mid frequency: f1:802.0MHz f2:802.0125MHz	-13dBm	-22.07	-9.07	pass
	High frequency: f1:804.98125MHz f2:804.99375MHz	-13dBm	-26.70	-13.70	pass
Channel Bandwidth: 25kHz	Low frequency: f1:799.0125MHz f2:799.0375MHz	-13dBm	-33.82	-20.82	pass
	Mid frequency: f1:802.0MHz f2:802.025MHz	-13dBm	-33.61	-20.61	pass
	High frequency: f1:804.9625MHz f2:804.9875MHz	-13dBm	-31.16	-18.16	pass

2.2). With the input signal amplitude set 3 dB above the ALC threshold					
Channel Bandwidth: 12.5kHz	Low frequency: f1:799.00625MHz f2:799.01875MHz	-13dBm	-22.75	-9.75	pass
	Mid frequency: f1:802.0MHz f2:802.0125MHz	-13dBm	-22.21	-9.21	pass
	High frequency: f1:804.98125MHz f2:804.99375MHz	-13dBm	-26.25	-13.25	pass
Channel Bandwidth: 25kHz	Low frequency: f1:799.0125MHz f2:799.0375MHz	-13dBm	-30.65	-17.65	pass
	Mid frequency: f1:802.0MHz f2:802.025MHz	-13dBm	-33.81	-20.81	pass
	High frequency: f1:804.9625MHz f2:804.9875MHz	-13dBm	-31.44	-18.44	pass
Note: 1*--Margin= Maximum mark level- specification limit.					

6.7.4.2 800MHz Band

(1) Downlink transmit mode

Frequency range		Intermodulaiton product Limit (dBm)	Max. intermodulation product(dBm)	Margin(dB)	Result
1). With the AGC threshold level					
Channel Bandwidth: 12.5kHz	Low frequency: f1:851.00625MHz f2:851.01875MHz	-13dBm	-13.52	-0.52	pass
	Mid frequency: f1:860.0MHz f2:860.0125MHz	-13dBm	-14.00	-1.00	pass
	High frequency: f1:868.98125MHz f2:868.99375MHz	-13dBm	-15.28	-2.28	pass
Channel Bandwidth: 25kHz	Low frequency: f1:851.0125MHz f2:851.0375MHz	-13dBm	-15.71	-2.71	pass
	Mid frequency: f1:860.0MHz f2:860.025MHz	-13dBm	-17.17	-4.17	pass
	High frequency: f1:868.9625MHz f2:868.9875MHz	-13dBm	-18.92	-5.89	pass
2). With the input signal amplitude set 3 dB above the ALC threshold					
Channel Bandwidth: 12.5kHz	Low frequency: f1:851.00625MHz f2:851.01875MHz	-13dBm	-13.93	-0.93	pass

	Mid frequency: f1:860.0MHz f2:860.0125MHz	-13dBm	-14.86	-1.86	pass
	High frequency: f1:868.98125MHz f2:868.99375MHz	-13dBm	-16.47	-3.47	pass
Channel Bandwidth: 25kHz	Low frequency: f1:851.0125MHz f2:851.0375MHz	-13dBm	-16.20	-3.20	pass
	Mid frequency: f1:860.0MHz f2:860.025MHz	-13dBm	-17.15	-4.15	pass
	High frequency: f1:868.9625MHz f2:868.9875MHz	-13dBm	-18.38	-5.38	pass
Note: 1*--Margin= Maximum mark level- specification limit.					

(2) Uplink transmit mode

Frequency range		Intermodulaiton product Limit (dBm)	Max. intermodulation product(dBm)	Margin(dB)	Result
1). With the AGC threshold level					
Channel Bandwidth: 12.5kHz	Low frequency: f1:806.00625MHz f2:806.01875MHz	-13dBm	-29.99	-16.99	pass
	Mid frequency: f1:815.0MHz f2:815.0125MHz	-13dBm	-25.28	-12.28	pass
	High frequency: f1:823.98125MHz f2:823.99375MHz	-13dBm	-21.86	-8.86	pass
Channel Bandwidth: 25kHz	Low frequency: f1:806.0125MHz f2:806.0375MHz	-13dBm	-34.30	-21.30	pass
	Mid frequency: f1:815.0MHz f2:815.025MHz	-13dBm	-28.51	-15.51	pass
	High frequency: f1:823.9625MHz f2:823.9875MHz	-13dBm	-26.86	-13.86	pass
2). With the input signal amplitude set 3 dB above the ALC threshold					
Channel Bandwidth: 12.5kHz	Low frequency: f1:806.00625MHz f2:806.01875MHz	-13dBm	-26.56	-13.56	pass
	Mid frequency: f1:815.0MHz f2:815.0125MHz	-13dBm	-24.96	-11.96	pass

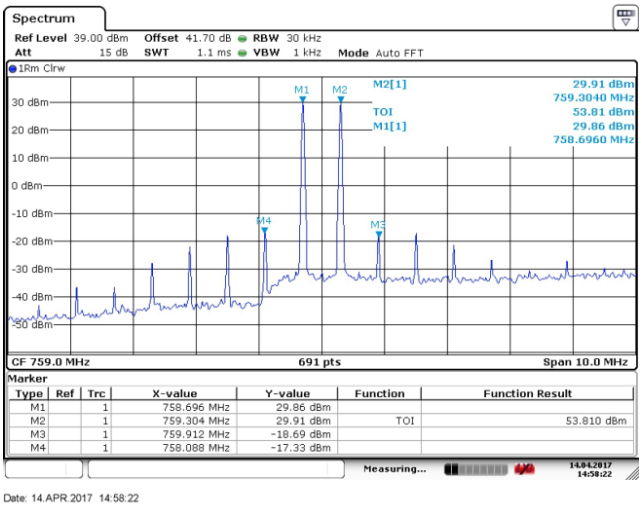
	High frequency: f1:823.98125MHz f2:823.99375MHz	-13dBm	-22.02	-9.02	pass
Channel Bandwidth: 25kHz	Low frequency: f1:806.0125MHz f2:806.0375MHz	-13dBm	-34.64	-21.64	pass
	Mid frequency: f1:815.0MHz f2:815.025MHz	-13dBm	-28.67	-15.67	pass
	High frequency: f1:823.9625MHz f2:823.9875MHz	-13dBm	-29.65	-16.65	pass
Note: 1*--Margin= Maximum mark level- specification limit.					

6.7.5 Test screenshot

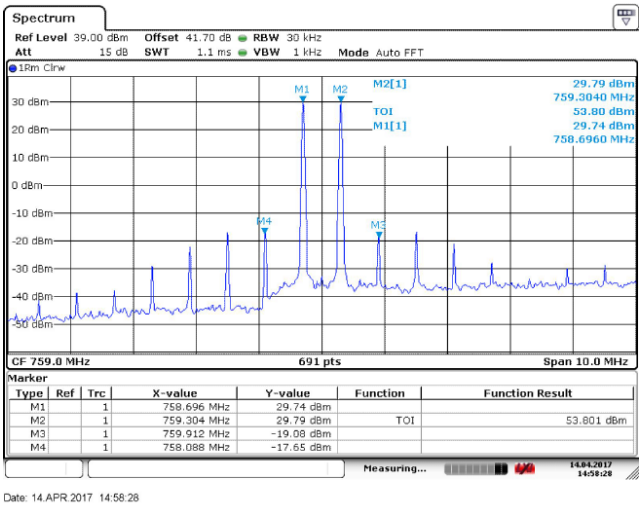
6.7.5.1 700MHz Band

6.7.5.1.1 Frequency rang: 758MHz~768MHz

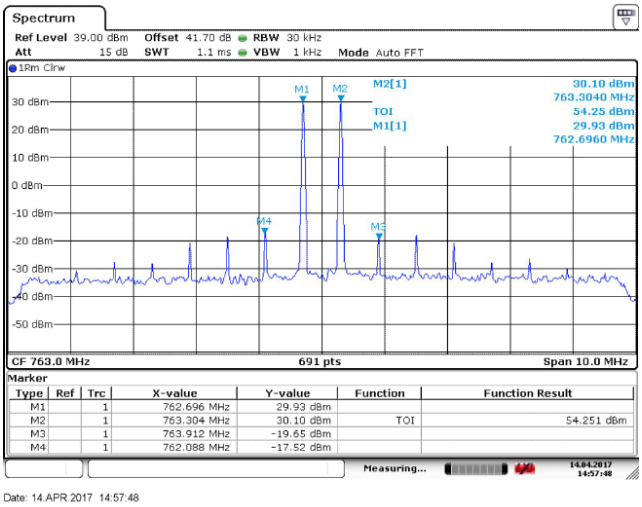
(1). Downlink



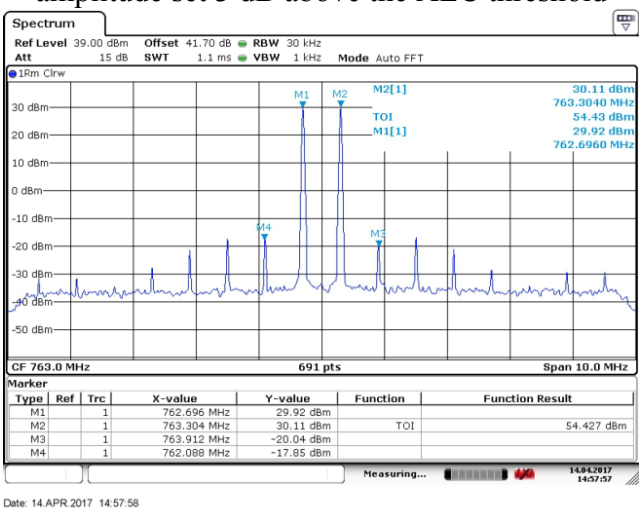
Low Frequency and With the AGC threshold level



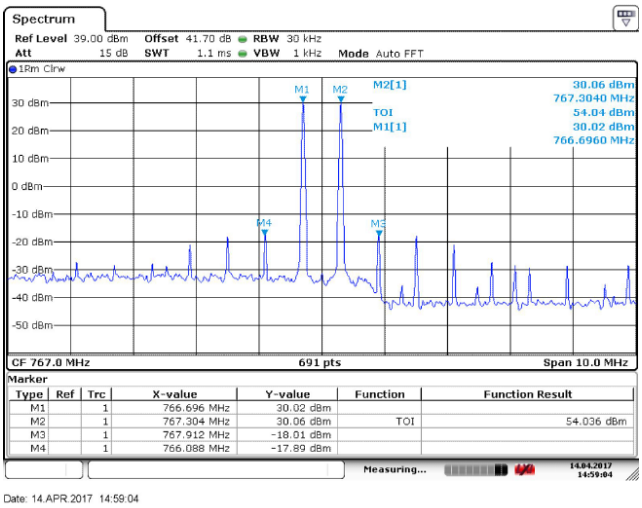
Low Frequency and With the input signal amplitude set 3 dB above the ALC threshold



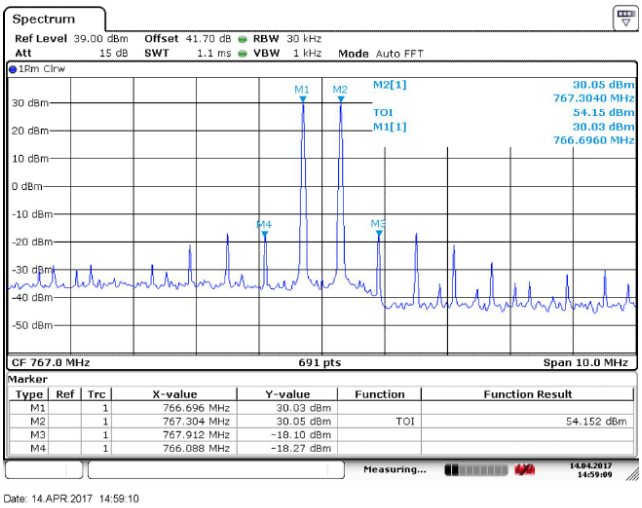
Mid Frequency and With the AGC threshold level



Mid Frequency and With the input signal amplitude set 3 dB above the ALC threshold

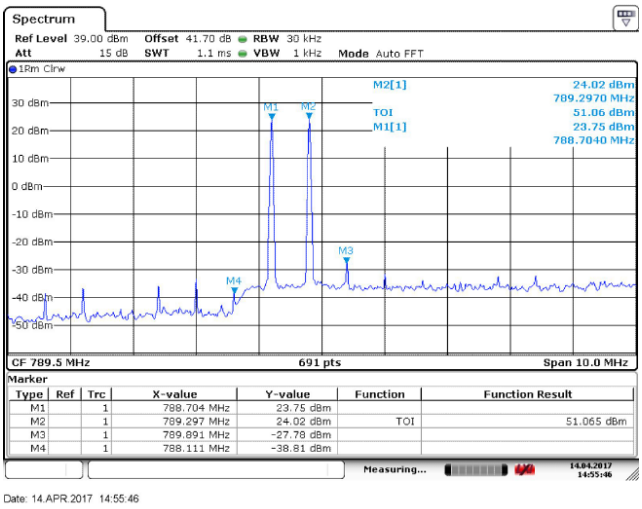


High Frequency and With the AGC threshold level

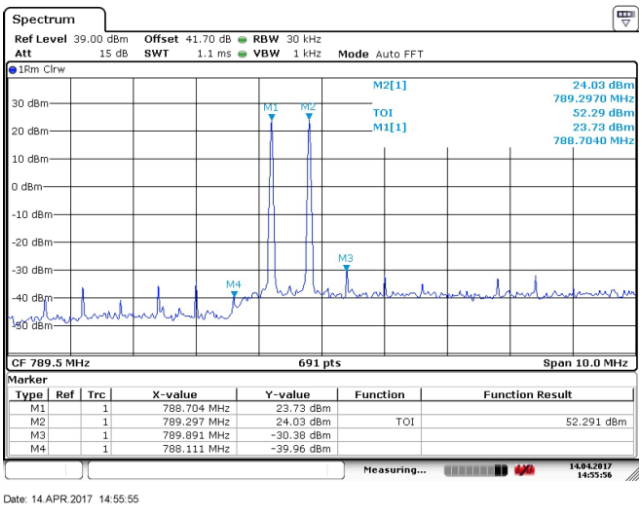


High Frequency and With the input signal amplitude set 3 dB above the ALC threshold

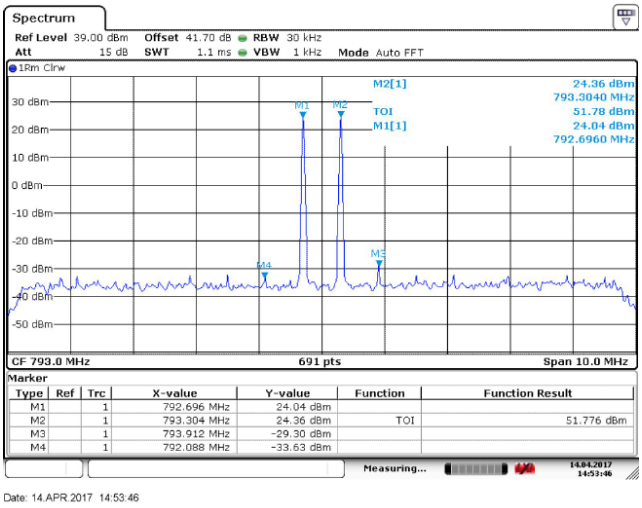
(2). Uplink



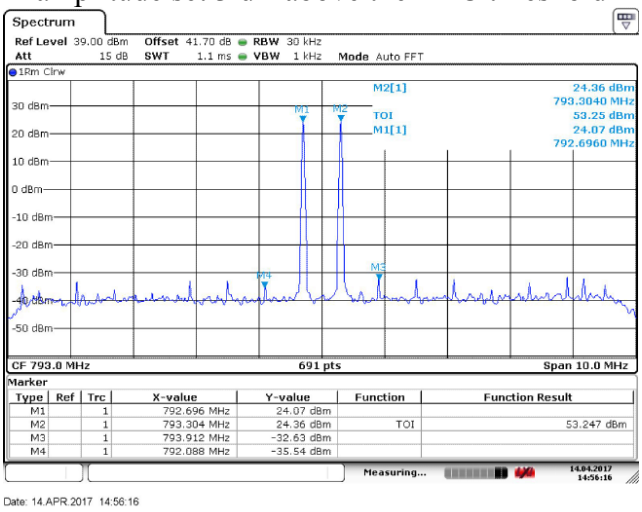
Low Frequency and With the AGC threshold level



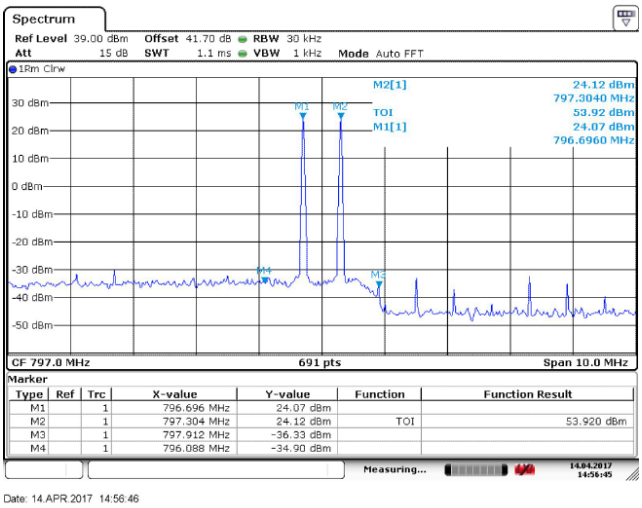
Low Frequency and With the input signal amplitude set 3 dB above the ALC threshold



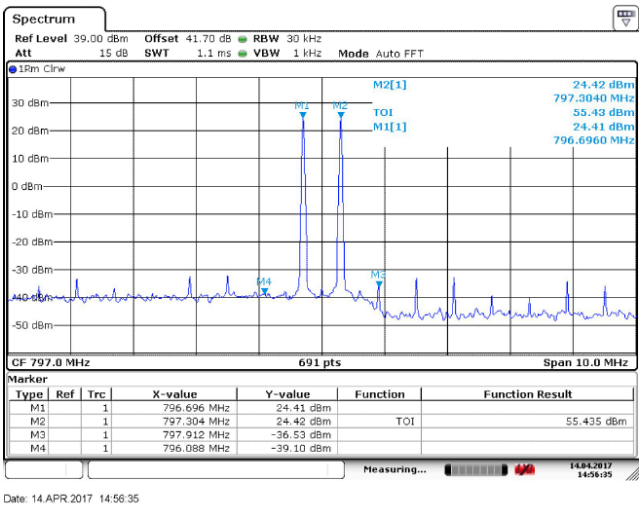
Mid Frequency and With the AGC threshold level



Mid Frequency and With the input signal amplitude set 3 dB above the ALC threshold



High Frequency and With the AGC threshold level

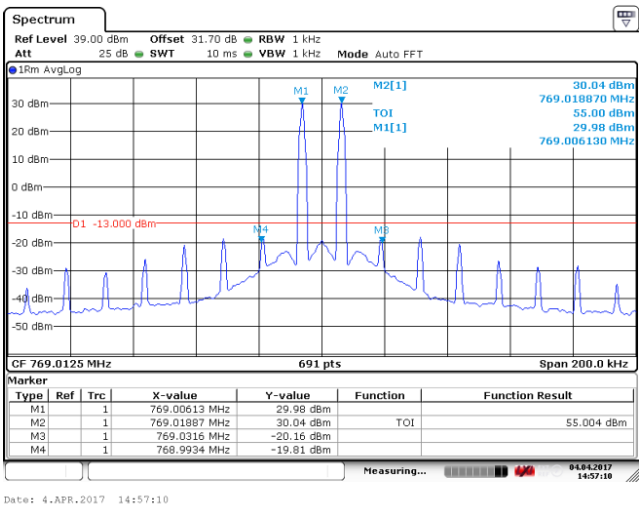


High Frequency and With the input signal amplitude set 3 dB above the ALC threshold

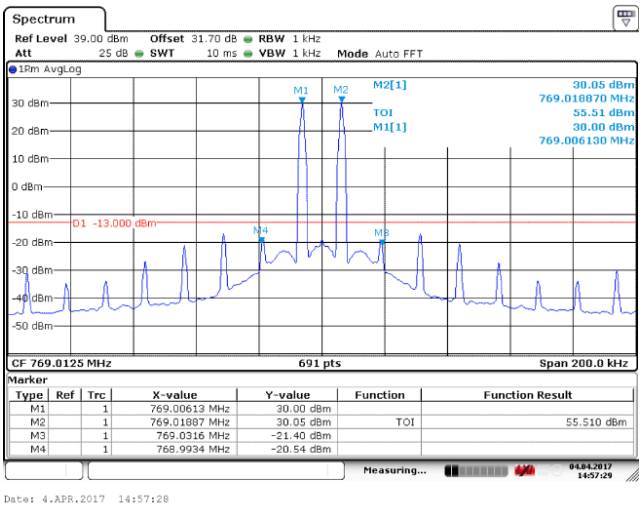
6.7.5.1.2Frequency rang: 769MHz~775MHz

(1). Channel bandwidth 12.5kHz

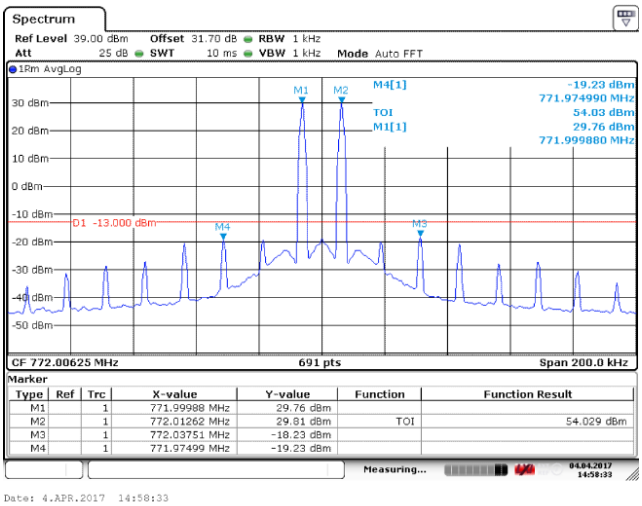
(1.1) Downlink



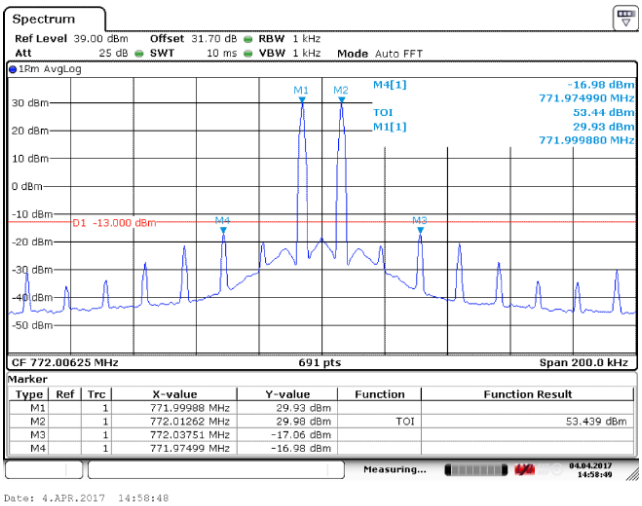
Low Frequency and With the AGC threshold level



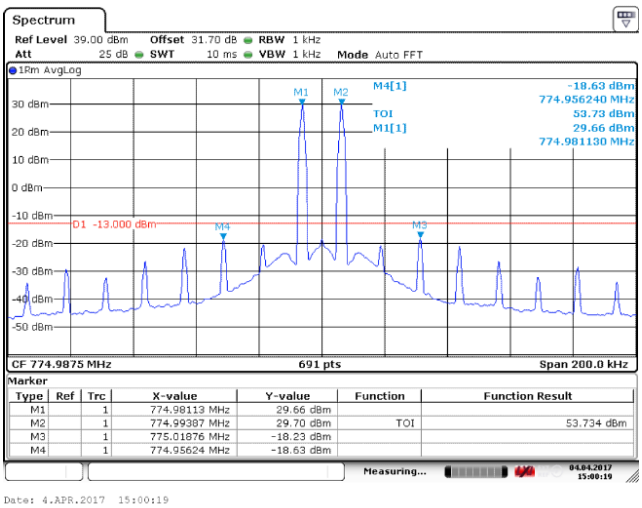
Low Frequency and With the input signal amplitude set 3 dB above the ALC threshold



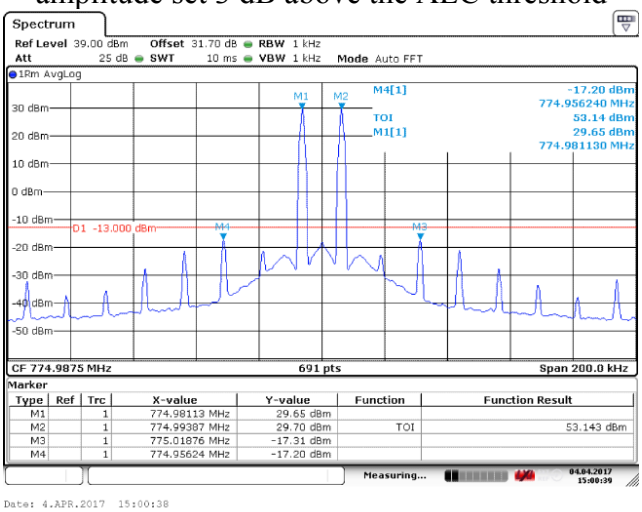
Mid Frequency and With the AGC threshold level



Mid Frequency and With the input signal amplitude set 3 dB above the ALC threshold

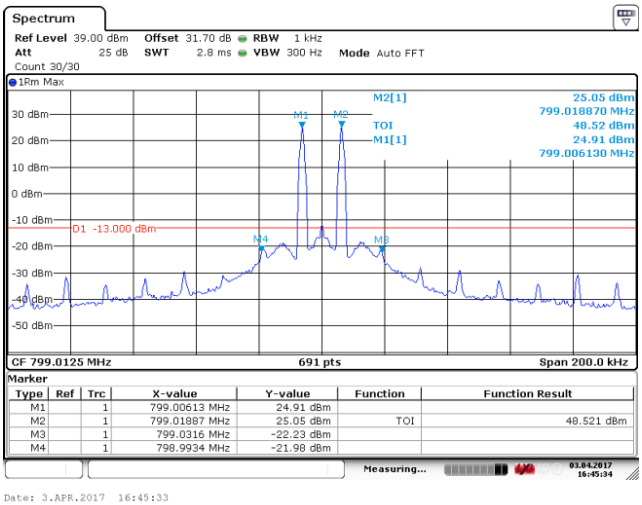


High Frequency and With the AGC threshold level

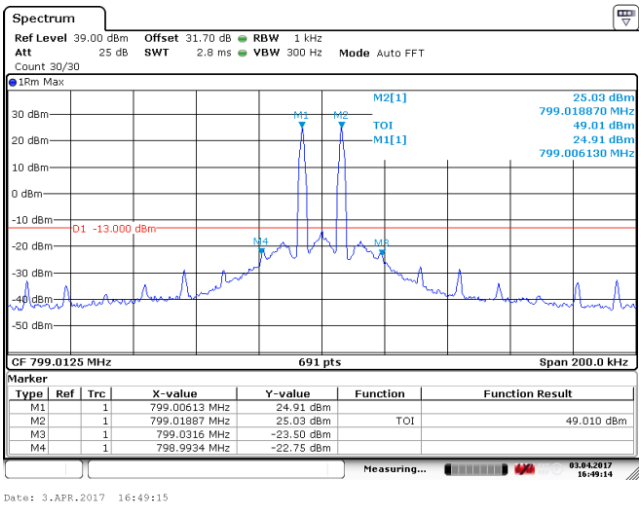


High Frequency and With the input signal amplitude set 3 dB above the ALC threshold

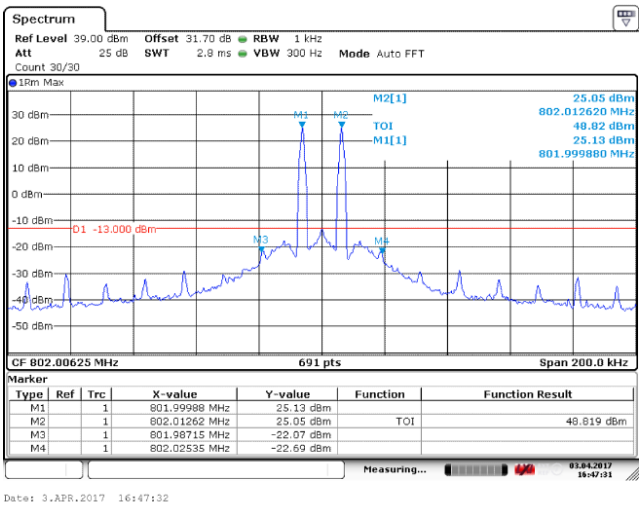
(1.2) Uplink



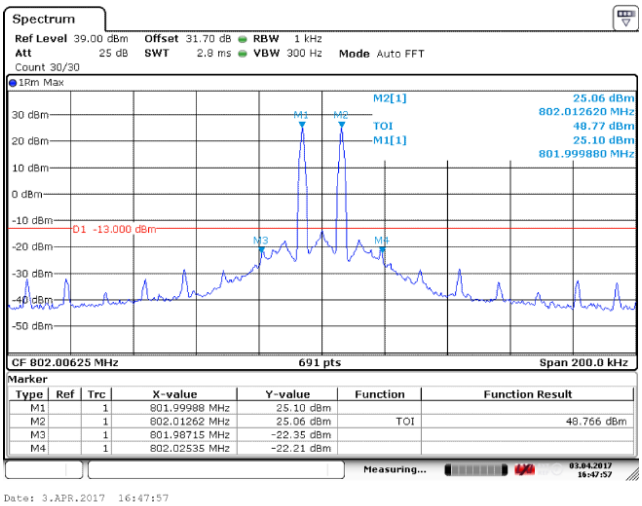
Low Frequency and With the AGC threshold level



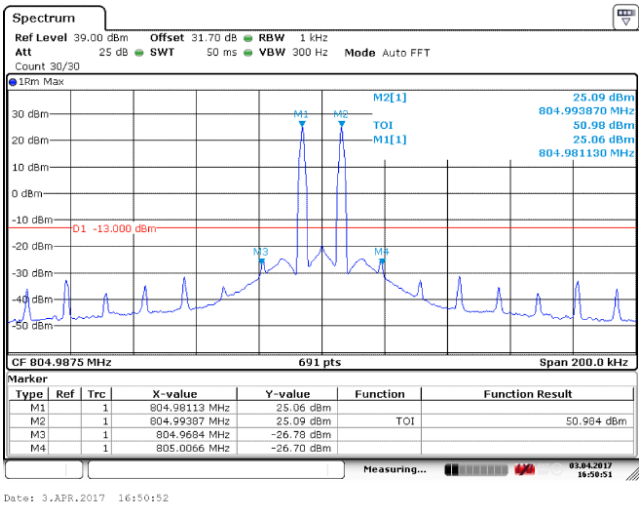
Low Frequency and With the input signal amplitude set 3 dB above the ALC threshold



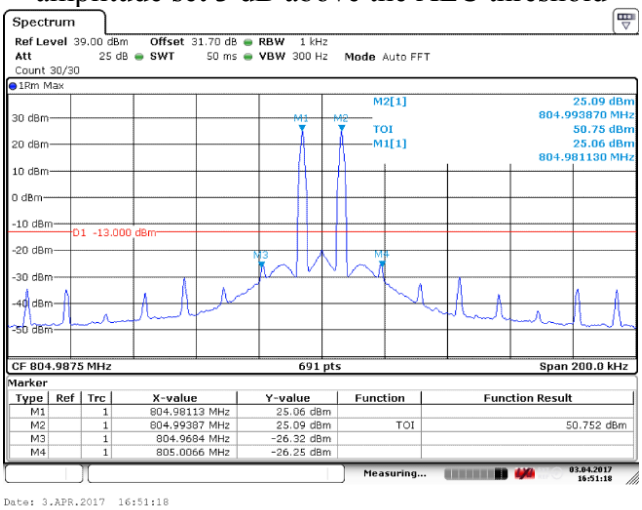
Mid Frequency and With the AGC threshold level



Mid Frequency and With the input signal amplitude set 3 dB above the ALC threshold



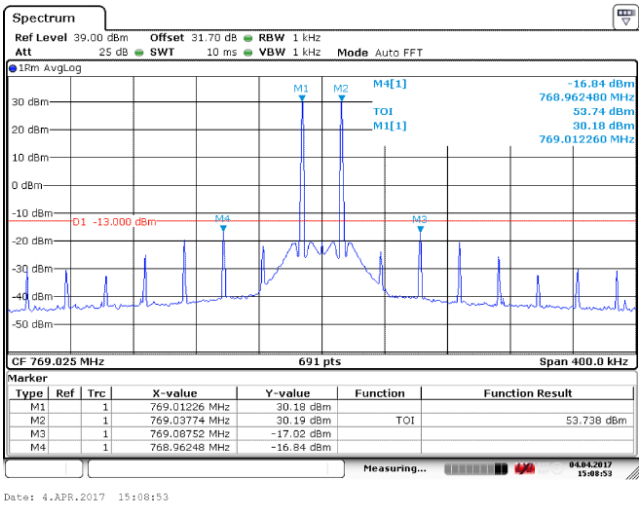
High Frequency and With the AGC threshold level



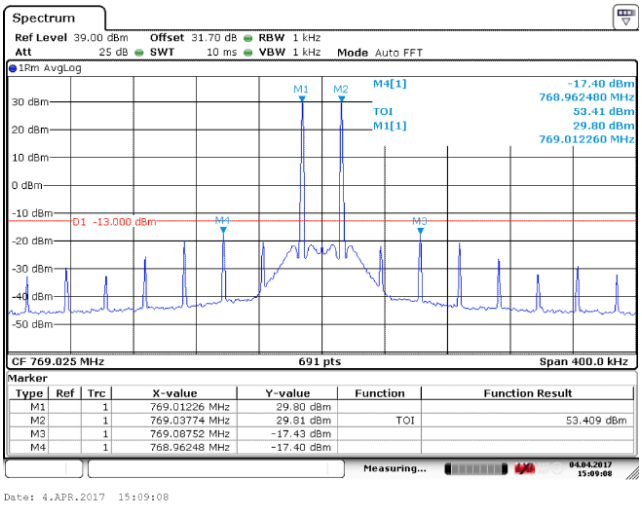
High Frequency and With the input signal amplitude set 3 dB above the ALC threshold

(2). Channel bandwidth 25kHz

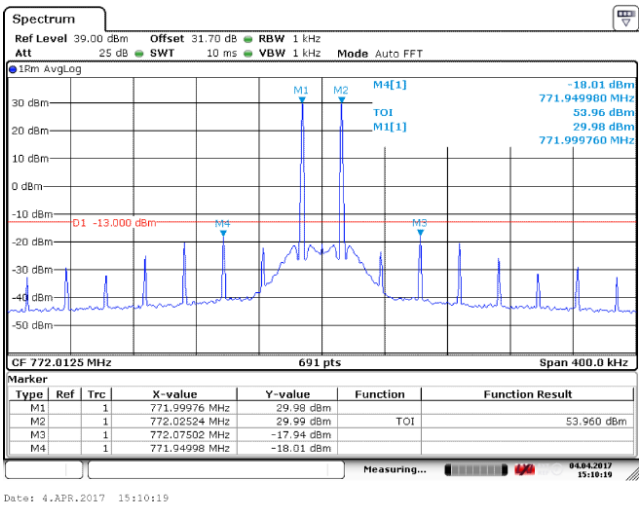
(2.1) Downlink



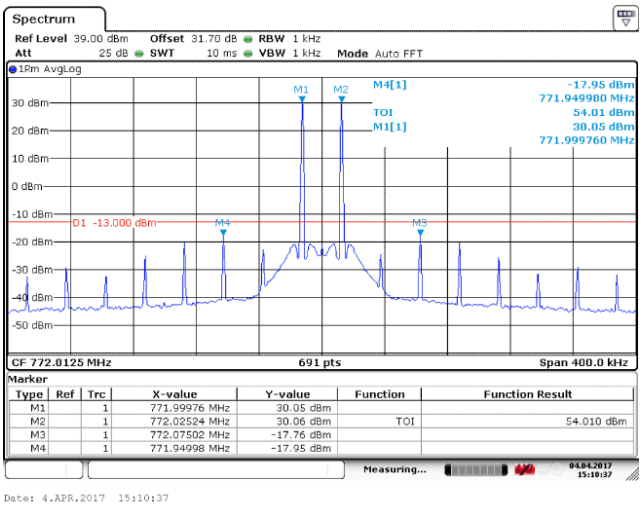
Low Frequency and With the AGC threshold level



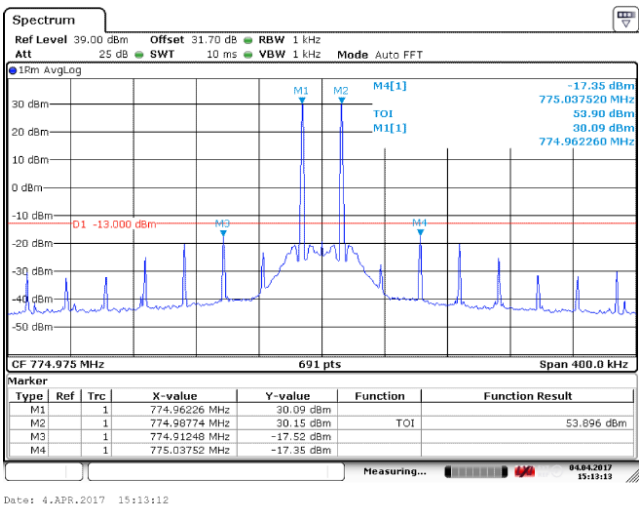
Low Frequency and With the input signal amplitude set 3 dB above the ALC threshold



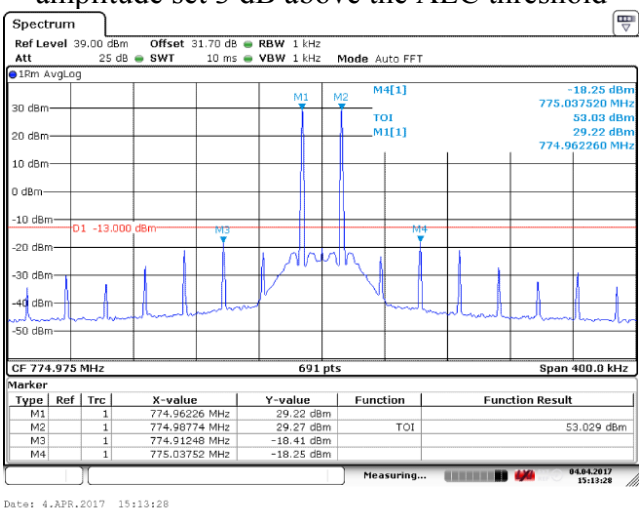
Mid Frequency and With the AGC threshold level



Mid Frequency and With the input signal amplitude set 3 dB above the ALC threshold

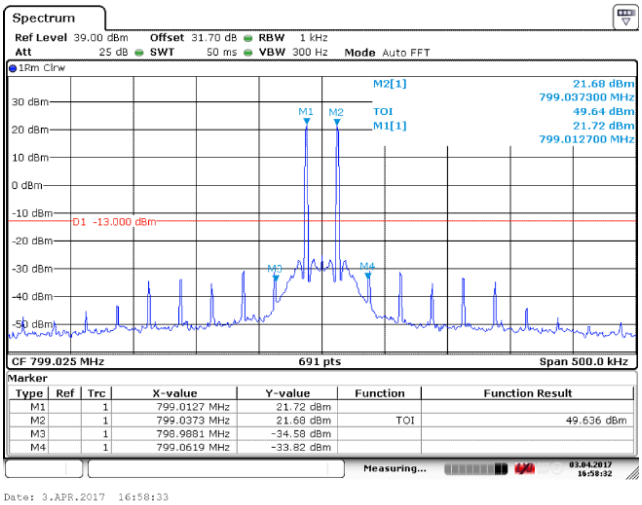


High Frequency and With the AGC threshold level

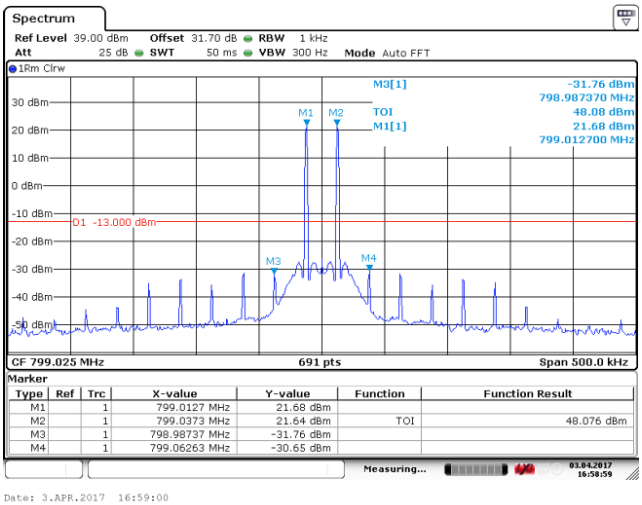


High Frequency and With the input signal amplitude set 3 dB above the ALC threshold

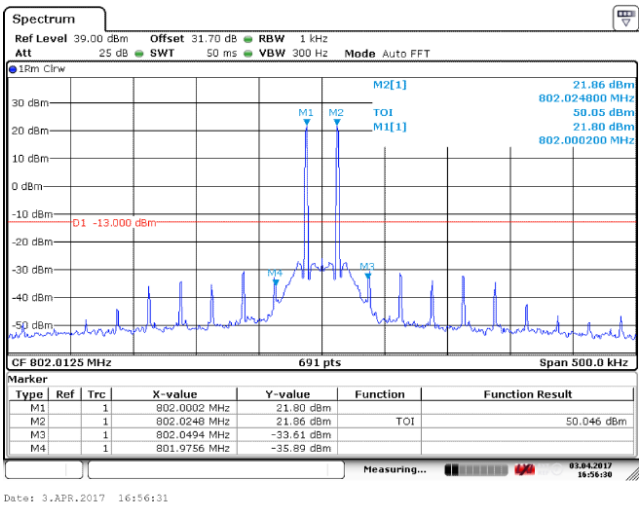
(2.2) Uplink



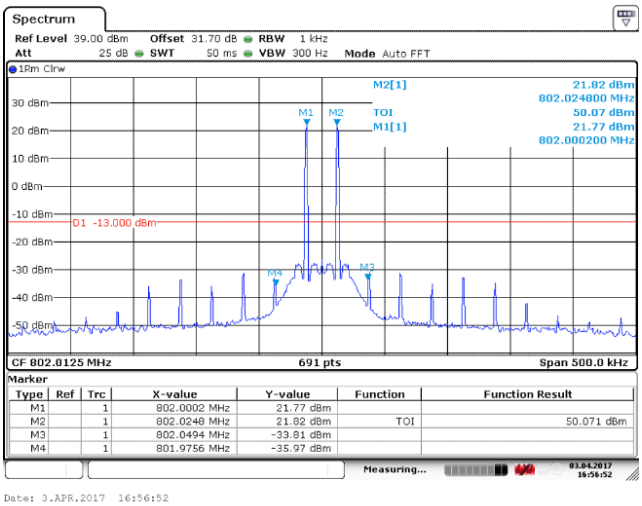
Low Frequency and With the AGC threshold level



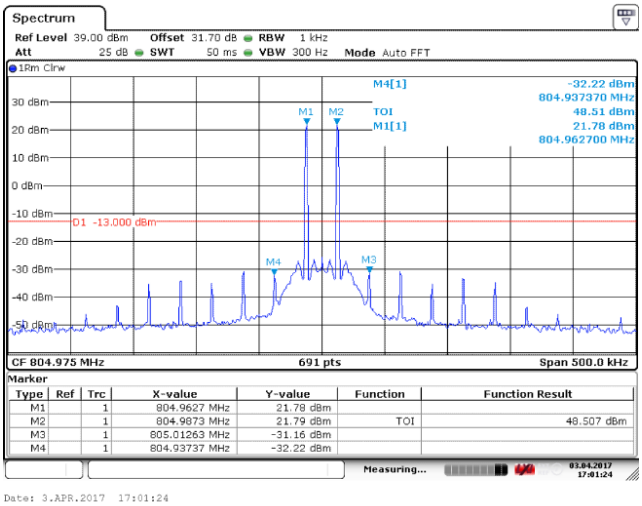
Low Frequency and With the input signal amplitude set 3 dB above the ALC threshold



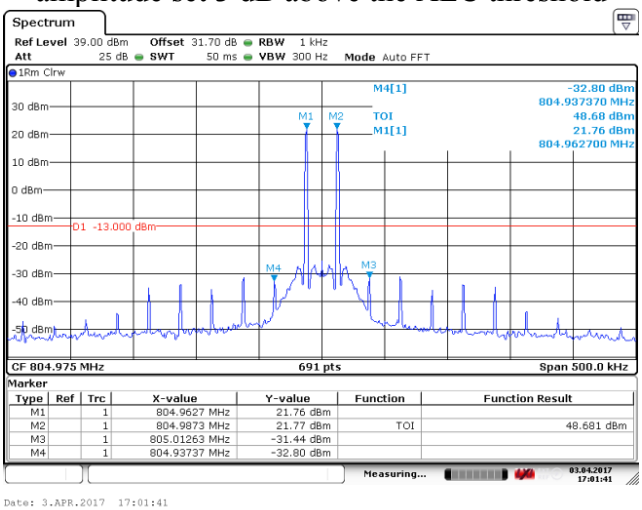
Mid Frequency and With the AGC threshold level



Mid Frequency and With the input signal amplitude set 3 dB above the ALC threshold



High Frequency and With the AGC threshold level

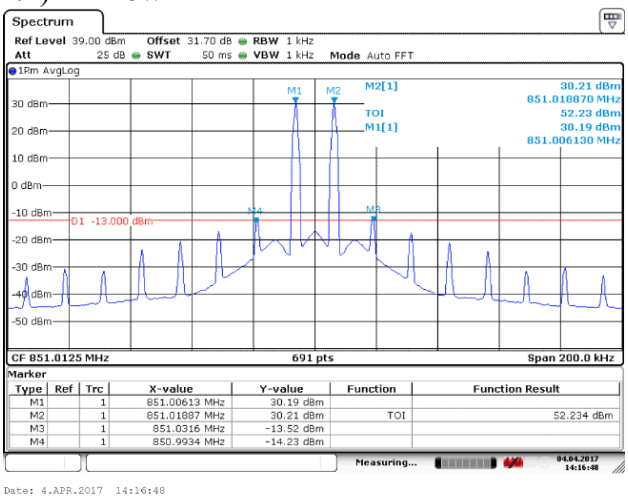


High Frequency and With the input signal amplitude set 3 dB above the ALC threshold

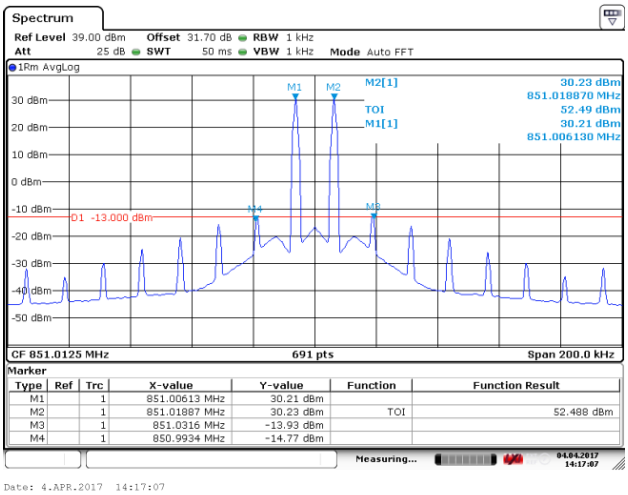
6.7.5.2 800MHz Band

(1). Channel bandwidth 12.5kHz

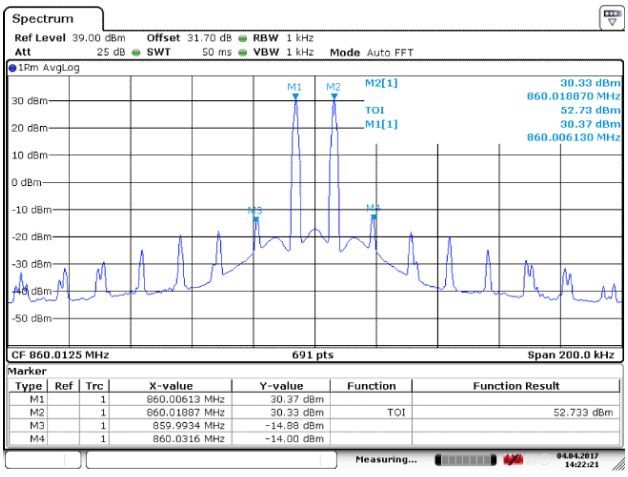
(1.1) Downlink



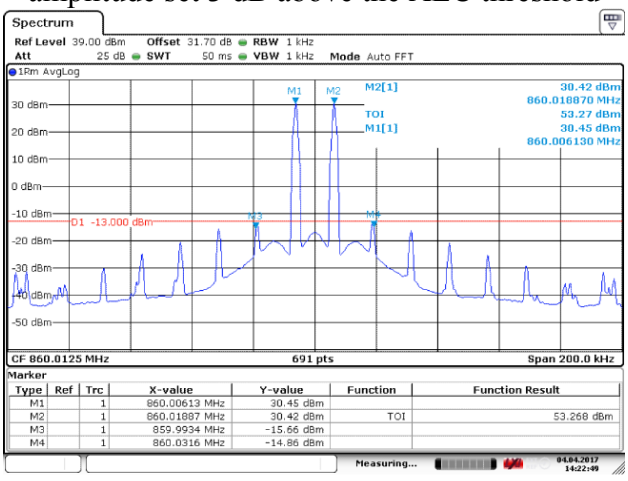
Low Frequency 12and With the AGC threshold level



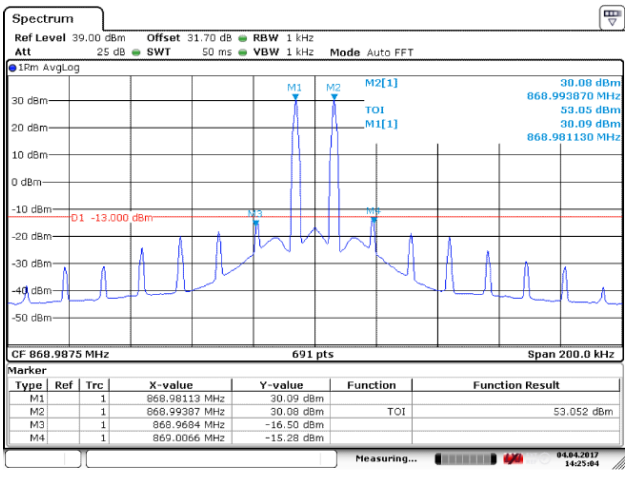
Low Frequency and With the input signal amplitude set 3 dB above the ALC threshold



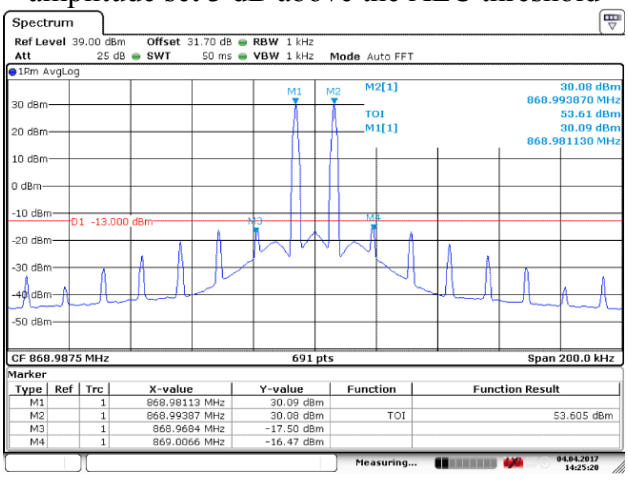
Mid Frequency and With the AGC threshold level



Mid Frequency and With the input signal amplitude set 3 dB above the ALC threshold

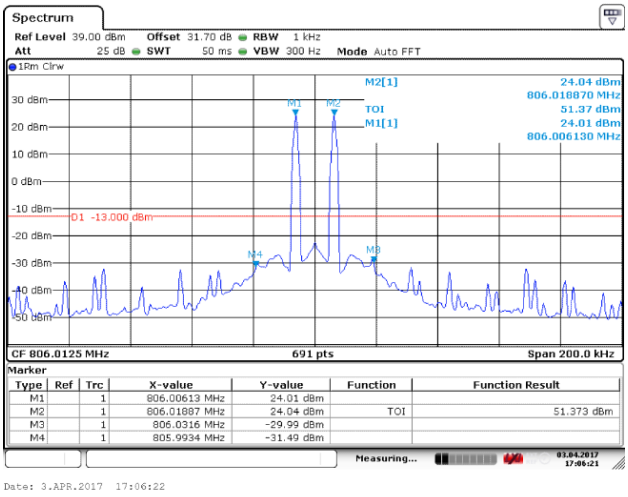


High Frequency and With the AGC threshold level

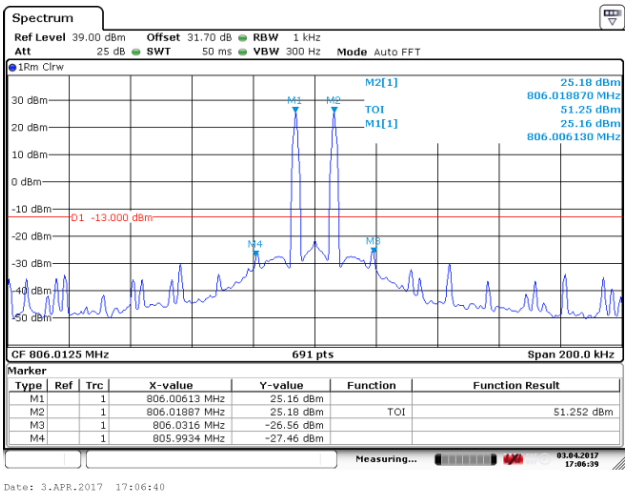


High Frequency and With the input signal amplitude set 3 dB above the ALC threshold

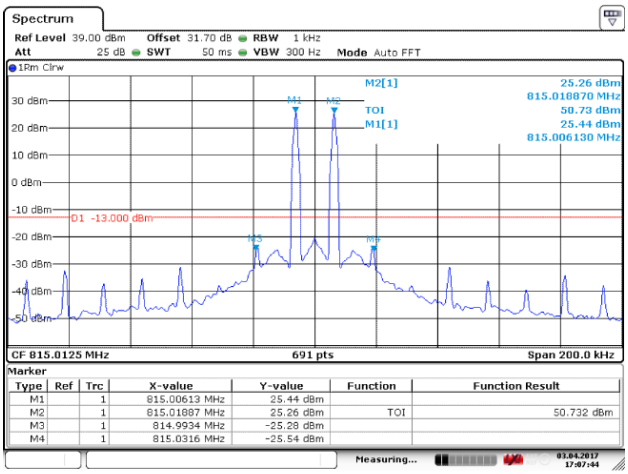
(1.2) Uplink



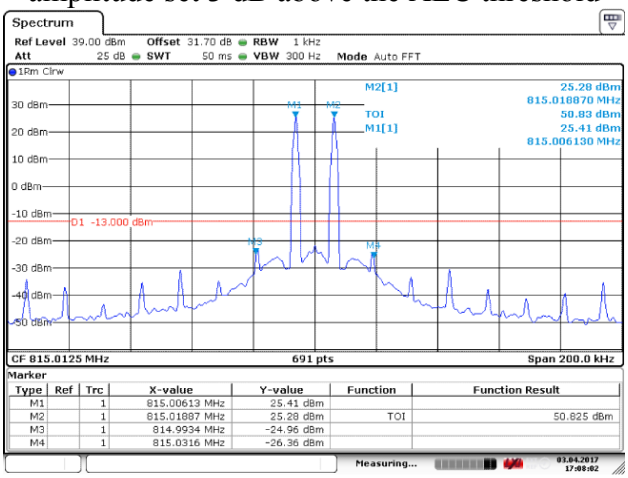
Low Frequency and With the AGC threshold level



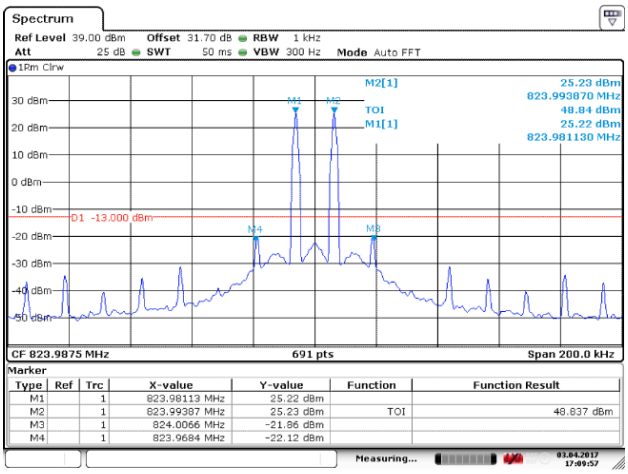
Low Frequency and With the input signal amplitude set 3 dB above the ALC threshold



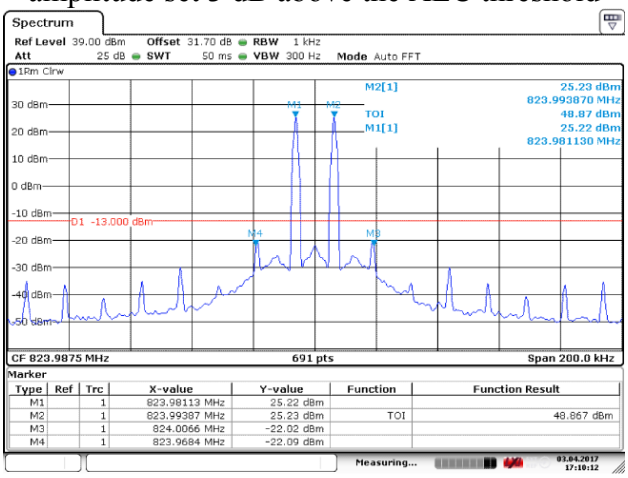
Mid Frequency and With the AGC threshold level



Mid Frequency and With the input signal amplitude set 3 dB above the ALC threshold



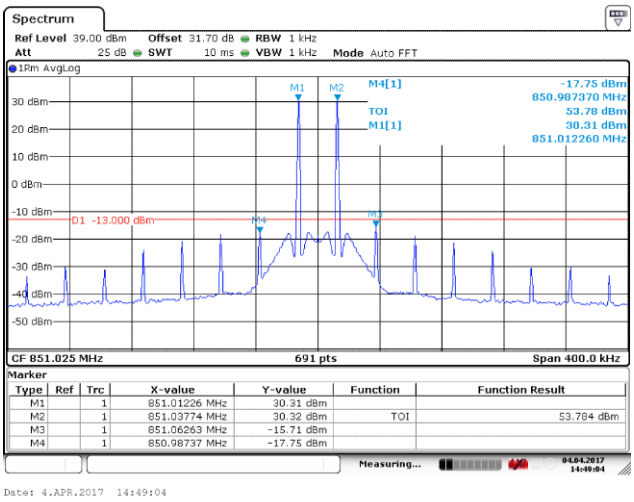
High Frequency and With the AGC threshold level



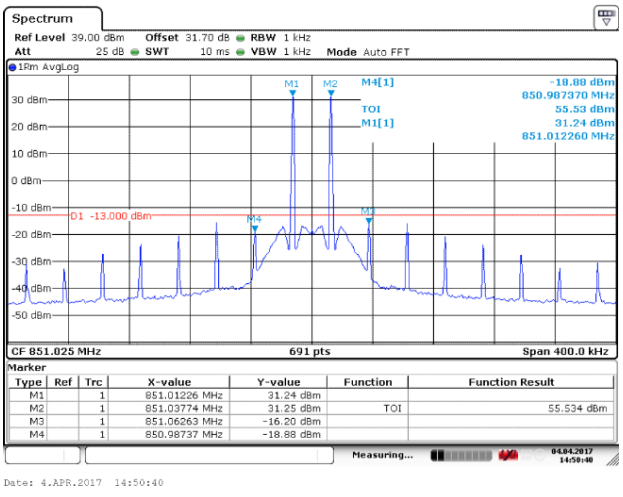
High Frequency and With the input signal amplitude set 3 dB above the ALC threshold

(2). Channel bandwidth 25kHz

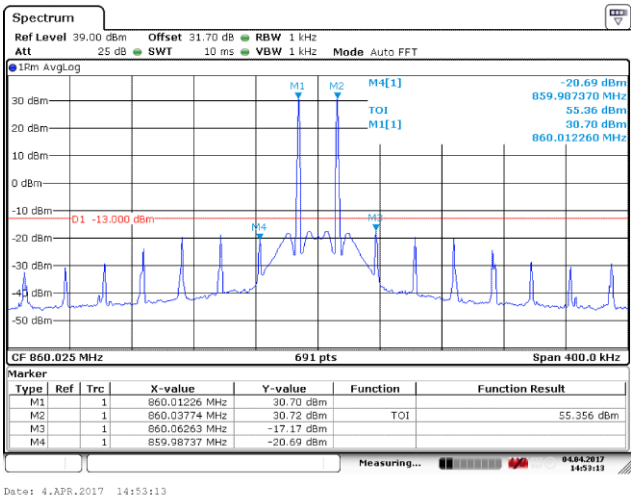
(2.1) Downlink



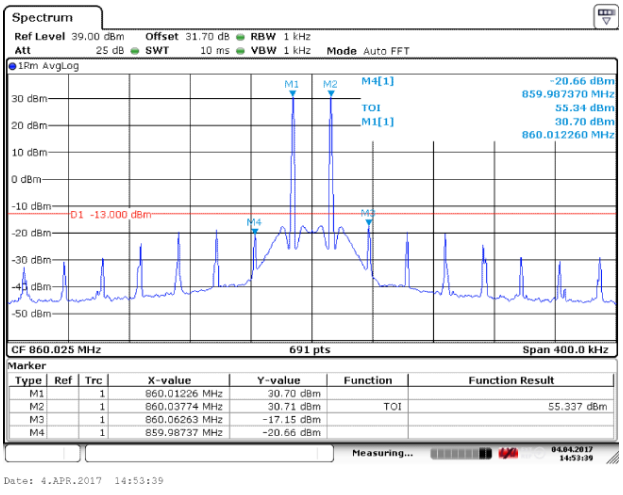
Low Frequency 12and With the AGC threshold level



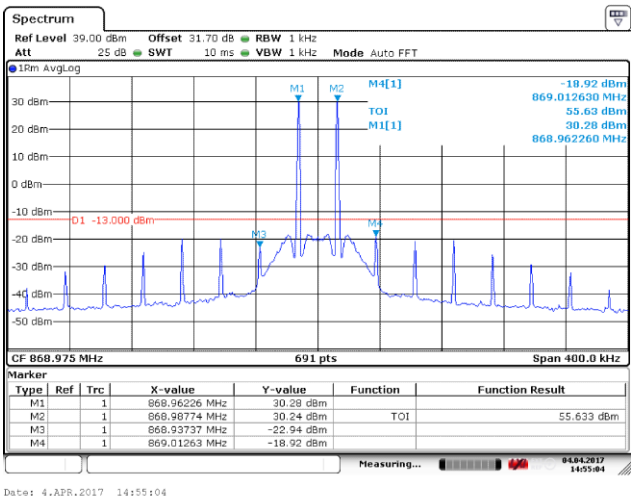
Low Frequency and With the input signal amplitude set 3 dB above the ALC threshold



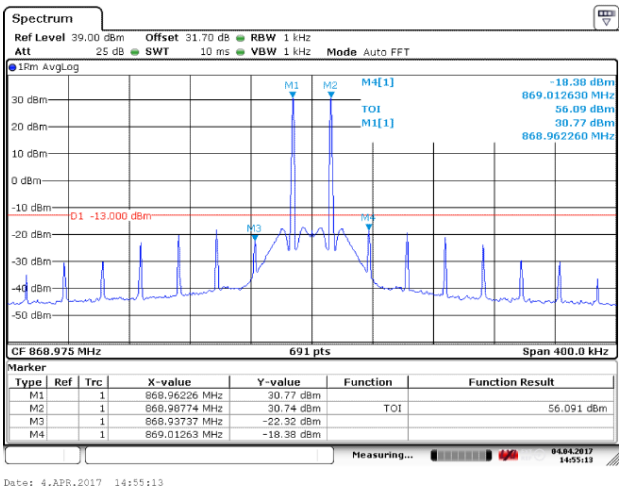
Mid Frequency and With the AGC threshold level



Mid Frequency and With the input signal amplitude set 3 dB above the ALC threshold

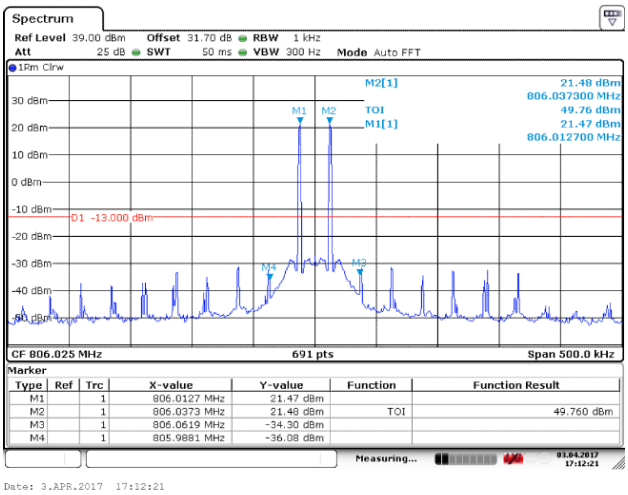


High Frequency and With the AGC threshold level

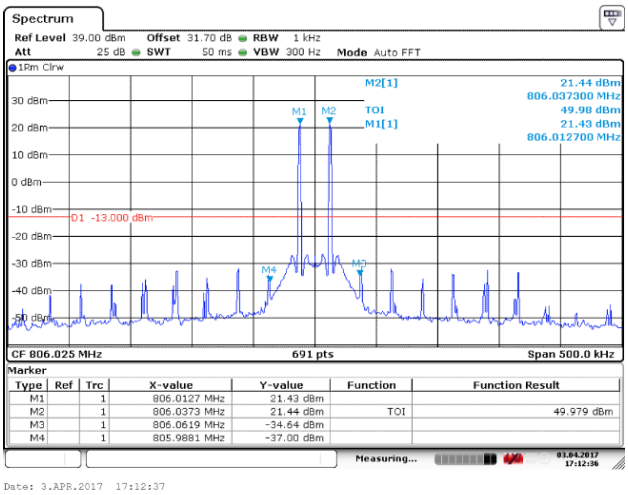


High Frequency and With the input signal amplitude set 3 dB above the ALC threshold

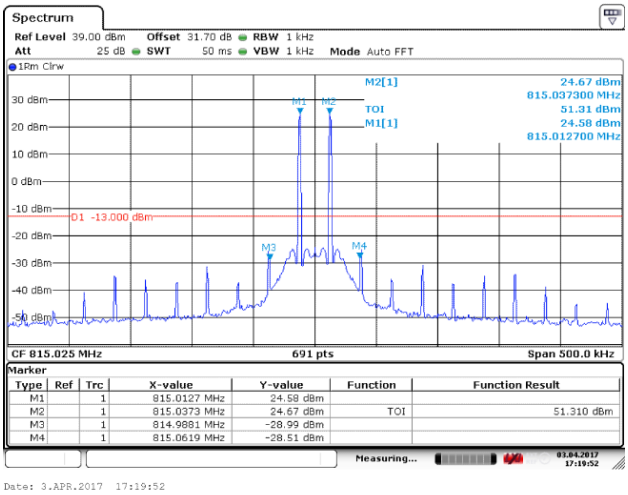
(2.2) Uplink



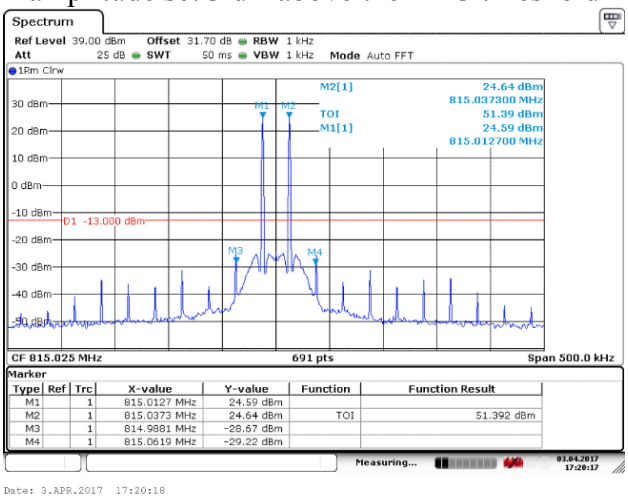
Low Frequency and With the AGC threshold level



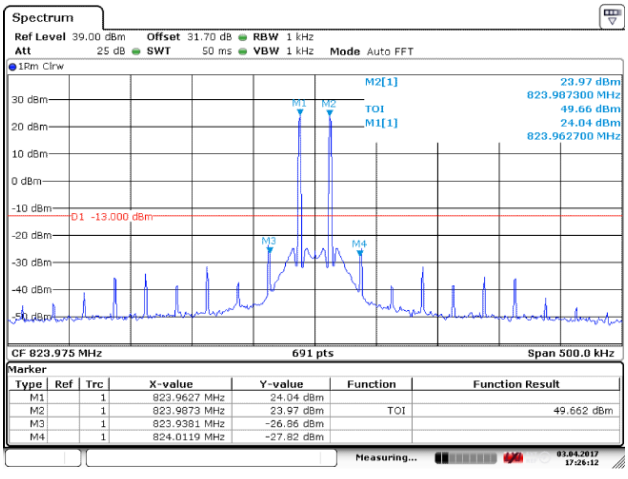
Low Frequency and With the input signal amplitude set 3 dB above the ALC threshold



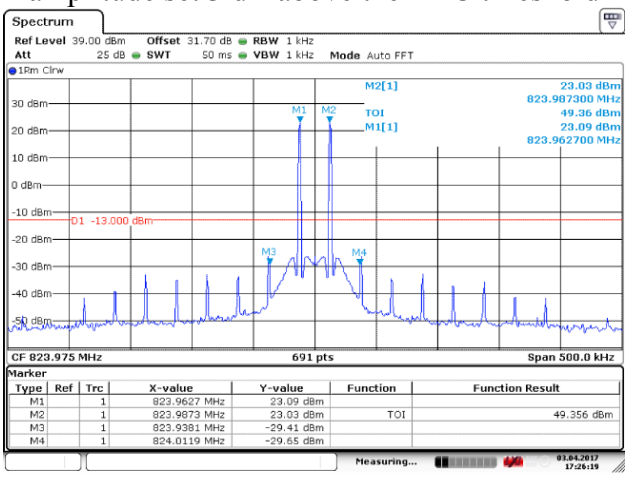
Mid Frequency and With the AGC threshold level



Mid Frequency and With the input signal amplitude set 3 dB above the ALC threshold



High Frequency and With the AGC threshold level



High Frequency and With the input signal amplitude set 3 dB above the ALC threshold

6.8 Radiated spurious emissions

Test Date (yy-mm-dd):	2017-04-22
Test environment:	Normal
	Ambient Temp 23.8℃~28.1℃, Humid 44%~59%, Atmospheric Pressure 101kpa
Power supply:	AC 120V 50/60Hz
Test Method:	KDB 935210 D05 Indus Booster Basic Meas v01r01 EIA/TIA 603- D-2010/2.2.12
Test Requirement:	FCC part 90.219(e)(3)

6.8.1 Limit

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least -13 dBm.

6.8.2 Test configuration

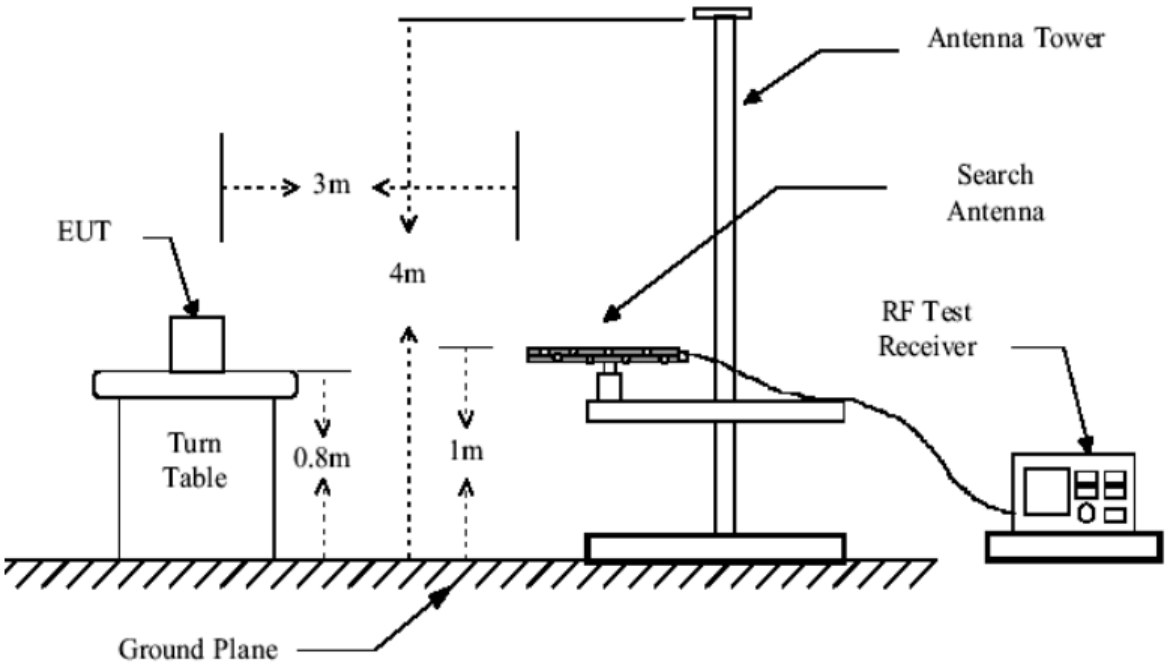


Figure 15: 30 MHz to 1 GHz radiated emissions test configuration

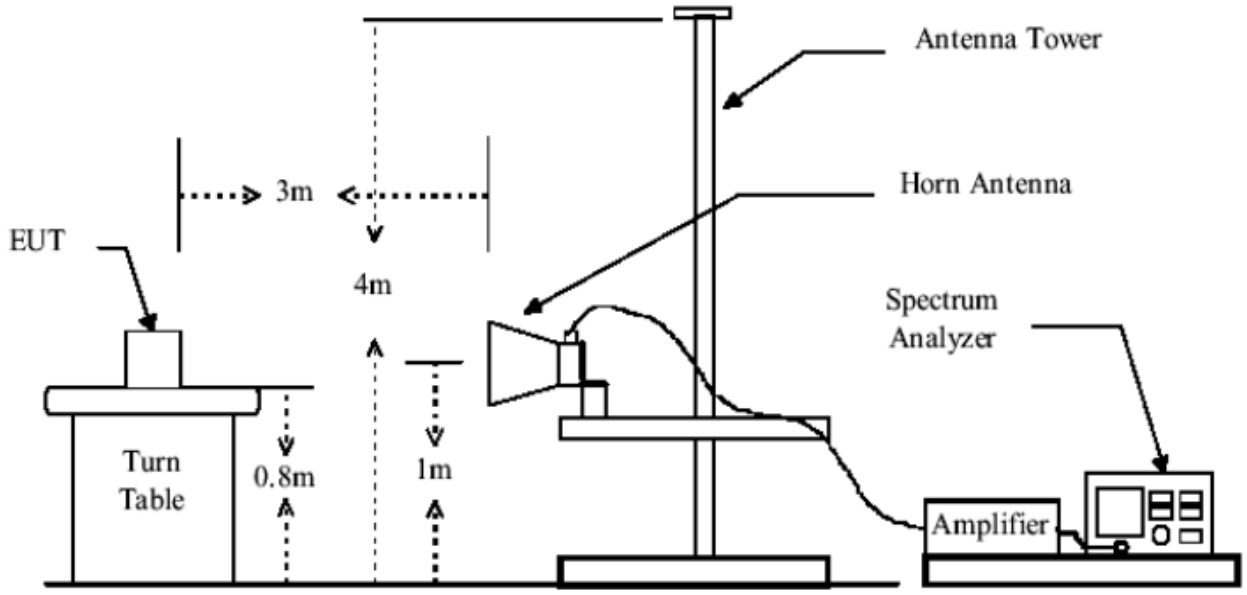


Figure 16: Above 1 GHz radiated emissions test configuration

6.8.3 Test procedures

a) Connect the equipment as illustrated;

b) Adjust the spectrum analyzer for the following setting;

1) RBW=100kHz for spurious emission below 1 GHz, and 1MHz for spurious emission above 1GHz;

2) VBW=300k for spurious emission below 1GHz, and 3MHz for spurious emission above 1GHz;

3) Sweep speed slow enough to maintain measurement calibration;

4) Detector Mode= Positive Peak;

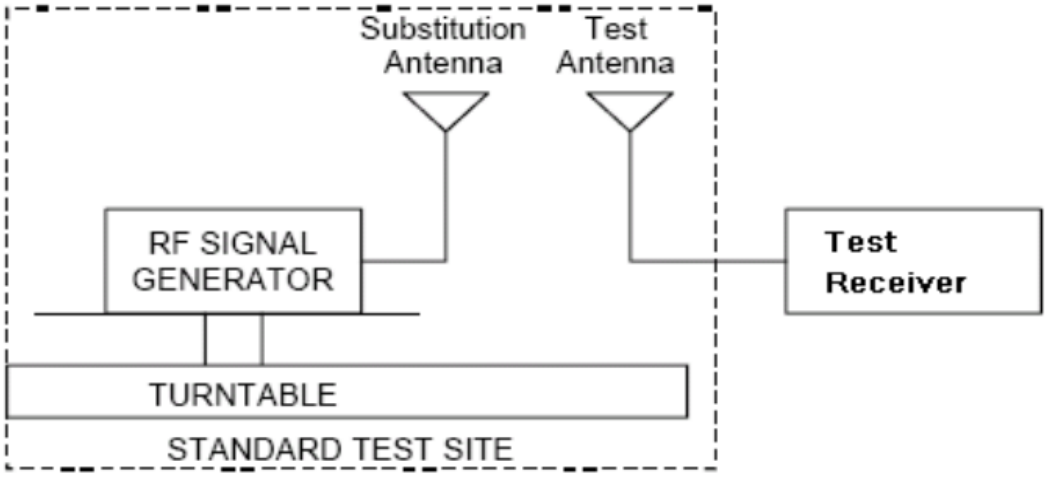
c) Place the transmitter to be tested on the turntable in the standard test site, or and FCC listed site compliant with ANSI C63.4-2001 clause 5.4.The transmitter is transmitting into a nonradiating load that is placed on the turntable, the RF cable to this load should be of minimum length. For transmitters with integral antennas, the tests are to be run with the unit operating into the integral antenna.

d) For each spurious measurement the test antenna should be adjusted to the correct length for the frequency involved. This length may be determined from a calibration ruler supplied with the equipment. Measurements shall be made from the lowest radio frequency generated in the equipment to the tenth harmonic of the carrier, except for the region close to the carrier equal to ±the test bandwidth.

e) Key the transmitter with normal modulation base the standard.

f) For each spurious frequency, raise and lower the test antenna from 1 m to 4 m to obtain a maximum reading on the spectrum analyzer with the test antenna at horizontal polarity. Then the turntable should be rotated 360° to determine the maximum reading. Repeat this procedure to obtain the highest possible reading. Record this maximum reading.

g) Repeat step f) for each spurious frequency with the test antenna polarized vertically.



h) Reconnect the equipment as illustrated.

i) Keep the spectrum analyzer adjusted as in step b).

j) Remove the transmitter and replace it with a substitution antenna(the antenna should be half-wavelength for each frequency involved). The center of the substitution antenna should be approximately at the same location as the center of the transmitter. At the lower frequencies where the substitution antenna is very long, this will be impossible to achieve when the antenna is polarized vertically, In such case the lower end of the antenna should be 0.3m above the ground.

k) Feed the substitution antenna at the transmitter end with a signal generator connected to the antenna by means of a nonradiating cable. With the antennas at both ends horizontally polarized, and with the signal generator tuned to a particular spurious frequency, raise and lower the test antenna to obtain a maximum reading at he spectrum analyzer. Adjuest the level of the signal generator output until the previously recorded maximum reading or this set of conditions is obtained, This should be done carefully repeating the adjustment of the test antenna and generator output.

l) Repeat step k) with both antennas vertically polarized for each spurious frequency.

m) Calculate power in dBm into a reference ideal half-wave dipole antenna by reducing the readings obtained in step k) and i) by the power loss in the cable between the generator and the antenna, and further corrected for the gain of the substitution antenna used relative to an ideal half-wave dipole antenna by the following formula:

Pd(dBm)=Pg(dBm)-cable loss(dB)+antenna gain(dB)

Where:

Pd is the dipole equivalent power and Pg is the generator output power into the substitution antenna.

NOTE: It is permissible to use other antennas provided they can be referenced to a dipole.

NOTE: Effective radiated power(e.r.p) refers to the radiation of a half wave tuned dipole instead of and isotropic antenna. There is a constant difference of 2.15 dB between e.i.r.p and e.r.p.
e.r.p.(dBm)=e.i.r.p(dB)-2.15

6.8.4 Test Results

6.8.4.1 700MHz Band

6.8.4.1.1 Frequency range: 758MHz~768MHz/788MHz~798MHz

Vertical		Limit(dBm)	Margin(dB)	Result
Test Frequency (MHz)	Measuring level (dBm)			
Frequency range: 30MHz to 1GHz				
30.1691	-78.93	≤-13dBm	-65.93	pass
35.5088	-81.45		-68.45	pass
75.3988	-86.40		-73.40	pass
127.8713	-85.42		-72.42	pass
220.5476	-87.36		-74.36	pass
384.6920	-79.38		-66.38	pass
Frequency range: 1GHz to 6GHz				
2127.996	-77.20	≤-13dBm	-64.20	pass
3171.823	-75.80		-62.80	pass
3457.165	-76.54		-63.54	pass
4593.850	-77.94		-64.94	pass
4978.446	-77.58		-64.58	pass
5242.525	-77.58		-64.58	pass
Note: Sweep all the modulation types emissions in 700MHz Band , find the worse case to report it.				

Horizontal		Limit(dBm)	Margin(dB)	Result
Test Frequency (MHz)	Measuring level (dBm)			
Frequency range: 30MHz to 1GHz				
30.8549	-83.04	≤-13dBm	-70.04	pass
103.8662	-93.42		-80.42	pass
127.1547	-90.81		-77.81	pass
189.4997	-85.55		-72.55	pass
280.8307	-87.01		-74.01	pass
384.6920	-84.89		-71.89	pass
Frequency range: 1GHz to 6GHz				
2885.073	-72.98	≤-13dBm	-59.98	pass
3171.823	-68.81		-55.81	pass
3457.165	-72.80		-59.80	pass
4660.279	-69.30		-56.30	pass
4907.481	-68.94		-55.94	pass
5914.473	-68.07		-55.07	pass
Note: Sweep all the modulation types emissions in 700MHz Band , find the worse case to report it.				

6.8.4.1.2 Frequency range: 769MHz~775MHz/799MHz~805MHz

Vertical		Limit(dBm)	Margin(dB)	Result
Test Frequency (MHz)	Measuring level (dBm)			
Frequency range: 30MHz to 1GHz				
30.3391	-73.57	≤-13dBm	-60.57	pass
37.1416	-76.77		-63.77	pass
53.2174	-81.62		-68.62	pass
125.7336	-81.43		-68.43	pass
165.5909	-80.98		-67.98	pass
384.6920	-79.02		-66.02	pass
Frequency range: 1GHz to 6GHz				
2127.996	-77.20	≤-13dBm	-64.20	pass
3171.823	-75.80		-62.80	pass
3457.165	-76.54		-63.54	pass

4593.850	-77.94		-64.94	pass
4978.446	-77.58		-64.58	pass
5242.525	-77.58		-64.58	pass
Note: Sweep all the modulation types emissions in 700MHz Band , find the worse case to report it.				

Horizontal		Limit(dBm)	Margin(dB)	Result
Test Frequency (MHz)	Measuring level (dBm)			
Frequency range: 30MHz to 1GHz				
30.6820	-80.91	≤-13dBm	-67.91	pass
57.2506	-90.09		-77.09	pass
103.8662	-89.02		-76.02	pass
126.4422	-87.34		-74.34	pass
166.5241	-84.14		-71.14	pass
440.2359	-80.45		-67.45	pass
Frequency range: 1GHz to 6GHz				
2885.073	-72.98	≤-13dBm	-59.98	pass
3171.823	-68.81		-55.81	pass
3457.165	-72.80		-59.80	pass
4660.279	-69.30		-56.30	pass
4907.481	-68.94		-55.94	pass
5914.473	-68.07		-55.07	pass
Note: Sweep all the modulation types emissions in 700MHz Band , find the worse case to report it.				

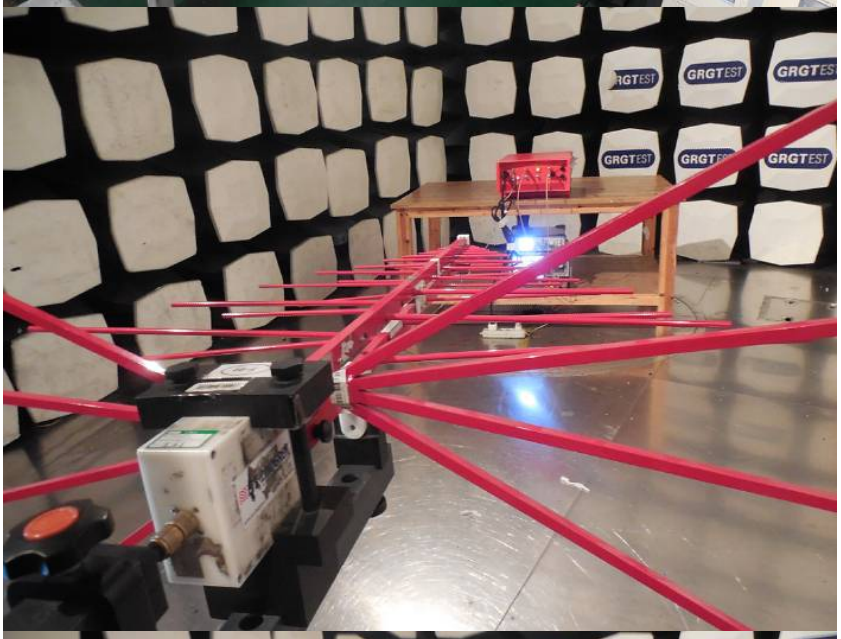
6.8.4.1.3 800MHz Band

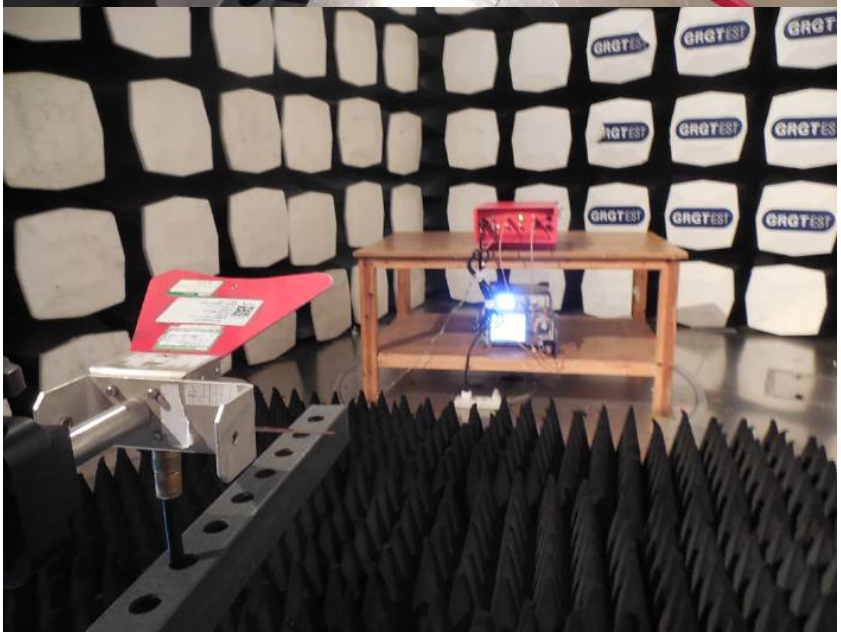
Vertical		Limit(dBm)	Margin(dB)	Result
Test Frequency (MHz)	Measuring level (dBm)			
Frequency range: 30MHz to 1GHz				
30.3391	-72.55	≤-13dBm	-59.55	pass
37.1416	-76.84		-63.84	pass
47.8282	-79.09		-66.09	pass
126.4422	-80.39		-67.39	pass
165.5909	-81.24		-68.24	pass

384.6920	-78.25		-65.25	pass
Frequency range: 1GHz to 6GHz				
1638.666	-78.68	≤-13dBm	-65.68	pass
1897.096	-78.24		-65.24	pass
2669.849	-74.76		-61.76	pass
3236.222	-68.31		-55.31	pass
4949.938	-69.55		-56.55	pass
5931.480	-67.34		-54.34	pass
Note: Sweep all the modulation types emissions in 800MHz Band , find the worse case to report it.				

Horizontal		Limit(dBm)	Margin(dB)	Result
Test Frequency (MHz)	Measuring level (dBm)			
Frequency range: 30MHz to 1GHz				
30.1691	-85.14	≤-13dBm	-72.14	pass
102.7054	-91.53		-78.53	pass
127.1547	-88.57		-75.57	pass
189.4997	-87.21		-74.21	pass
280.8307	-88.02		-75.02	pass
384.6920	-82.69		-69.69	pass
Frequency range: 1GHz to 6GHz				
2196.282	-77.77	≤-13dBm	-64.77	pass
2935.209	-73.49		-60.49	pass
3236.222	-67.42		-54.42	pass
3588.654	-73.77		-60.77	pass
4412.841	-69.54		-56.54	pass
5863.743	-67.99		-54.99	pass
Note: Sweep all the modulation types emissions in 800MHz Band , find the worse case to report it.				

APPENDIX A. PHOTOGRAPH OF THE TEST CONNECTION DIAGRAM


GRGTEST


GRGTEST

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