

Test Report No.10055433 001

Appendix D: Radiated Spurious Emission Data

(File: 10055433AppendixD)

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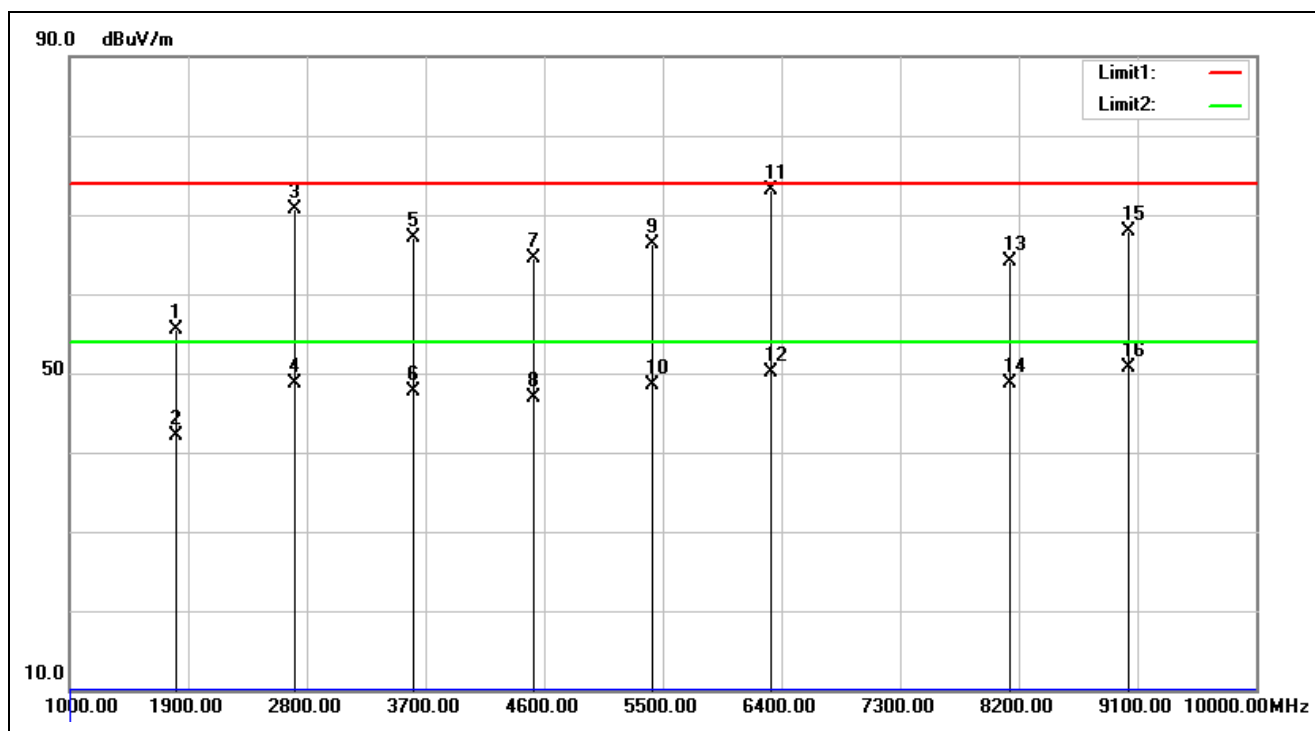
Spurious Emissions, TX Mode, 1-10G (Built-in Antenna)



TUV Taiwan

11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

Tel:+886-2172-7000 fax:+886-2528-0018

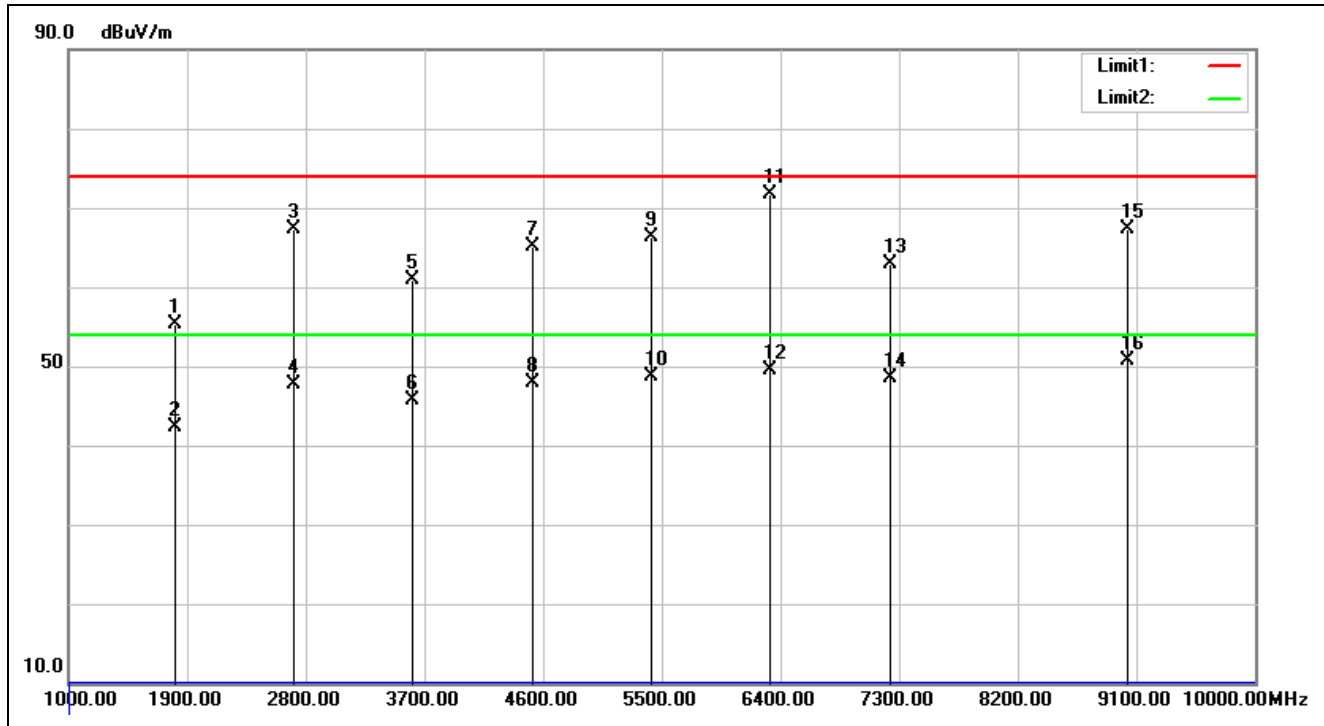


Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/3 19:28:50
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	21(°C)/61%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 902.5MHz		
Remark:	Built-in		
	Filter-HPM50108 + Ext Att10dB		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1805.000	-9.30	64.75	55.45	74.00	-18.55	peak	100	240	
2	1805.000	-9.30	51.49	42.19	54.00	-11.81	AVG	100	240	
3	2707.500	-7.23	78.00	70.77	74.00	-3.23	peak	100	127	
4	2707.500	-7.23	56.03	48.80	54.00	-5.20	AVG	100	127	
5	3610.000	-6.06	73.13	67.07	74.00	-6.93	peak	100	321	
6	3610.000	-6.06	53.83	47.77	54.00	-6.23	AVG	100	321	
7	4512.500	-3.46	68.05	64.59	74.00	-9.41	peak	100	321	

Spurious Emissions, Band Edge, 2.35-2.5G

8	4512.500	-3.46	50.30	46.84	54.00	-7.16	AVG	100	321	
9	5415.000	-0.64	66.86	66.22	74.00	-7.78	peak	100	302	
10	5415.000	-0.64	49.10	48.46	54.00	-5.54	AVG	100	302	
11	6317.500	4.29	68.77	73.06	74.00	-0.94	peak	100	360	
12	6317.500	4.29	45.84	50.13	54.00	-3.87	AVG	100	360	
13	8122.500	5.57	58.46	64.03	74.00	-9.97	peak	100	360	
14	8122.500	5.57	43.06	48.63	54.00	-5.37	AVG	100	360	
15	9025.000	6.30	61.51	67.81	74.00	-6.19	peak	100	304	
16	9025.000	6.30	44.48	50.78	54.00	-3.22	AVG	100	304	

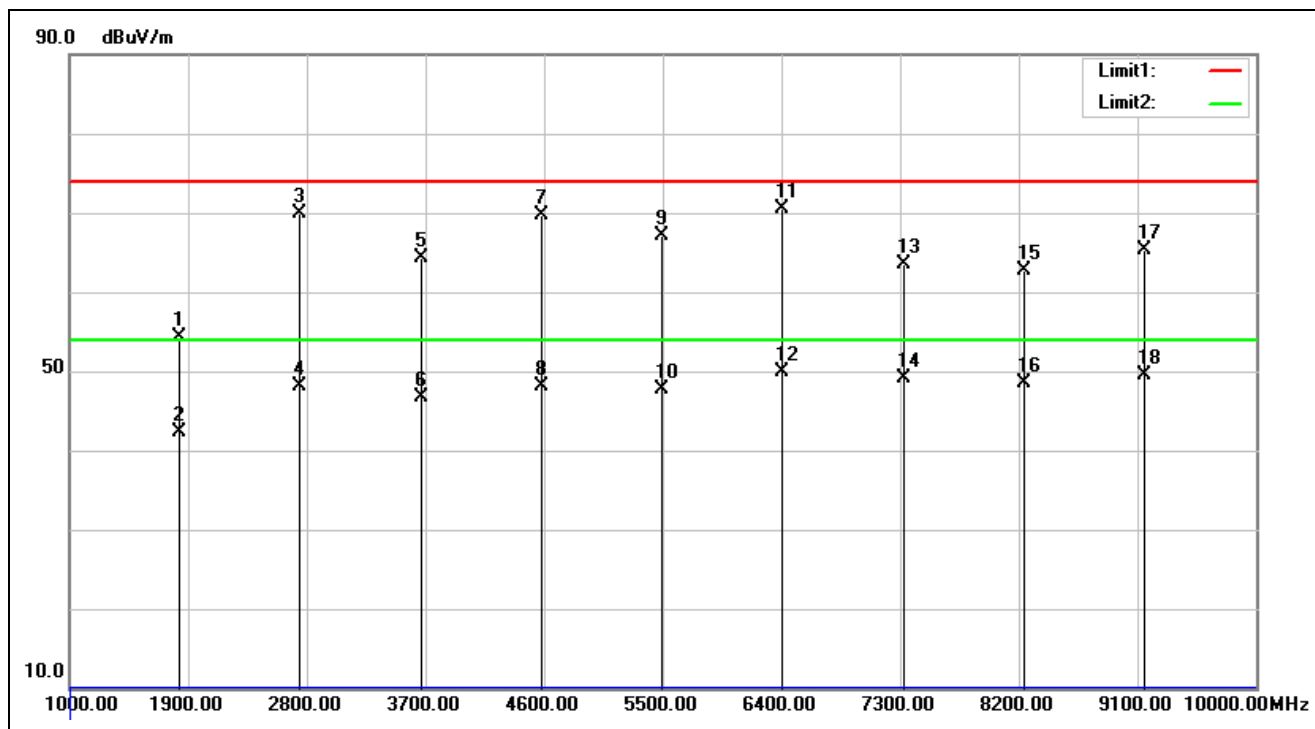


Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/3 19:32:38
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 902.5MHz		
Remark:	Built-in		
	Filter-HPM50108 + Ext Att10dB		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1805.000	-9.30	64.68	55.38	74.00	-18.62	peak	100	66	
2	1805.000	-9.30	51.57	42.27	54.00	-11.73	AVG	100	66	
3	2707.500	-7.23	74.51	67.28	74.00	-6.72	peak	100	185	
4	2707.500	-7.23	55.01	47.78	54.00	-6.22	AVG	100	185	
5	3610.000	-6.06	66.94	60.88	74.00	-13.12	peak	100	72	
6	3610.000	-6.06	51.69	45.63	54.00	-8.37	AVG	100	72	
7	4512.500	-3.46	68.51	65.05	74.00	-8.95	peak	100	213	

Spurious Emissions, Band Edge, 2.35-2.5G

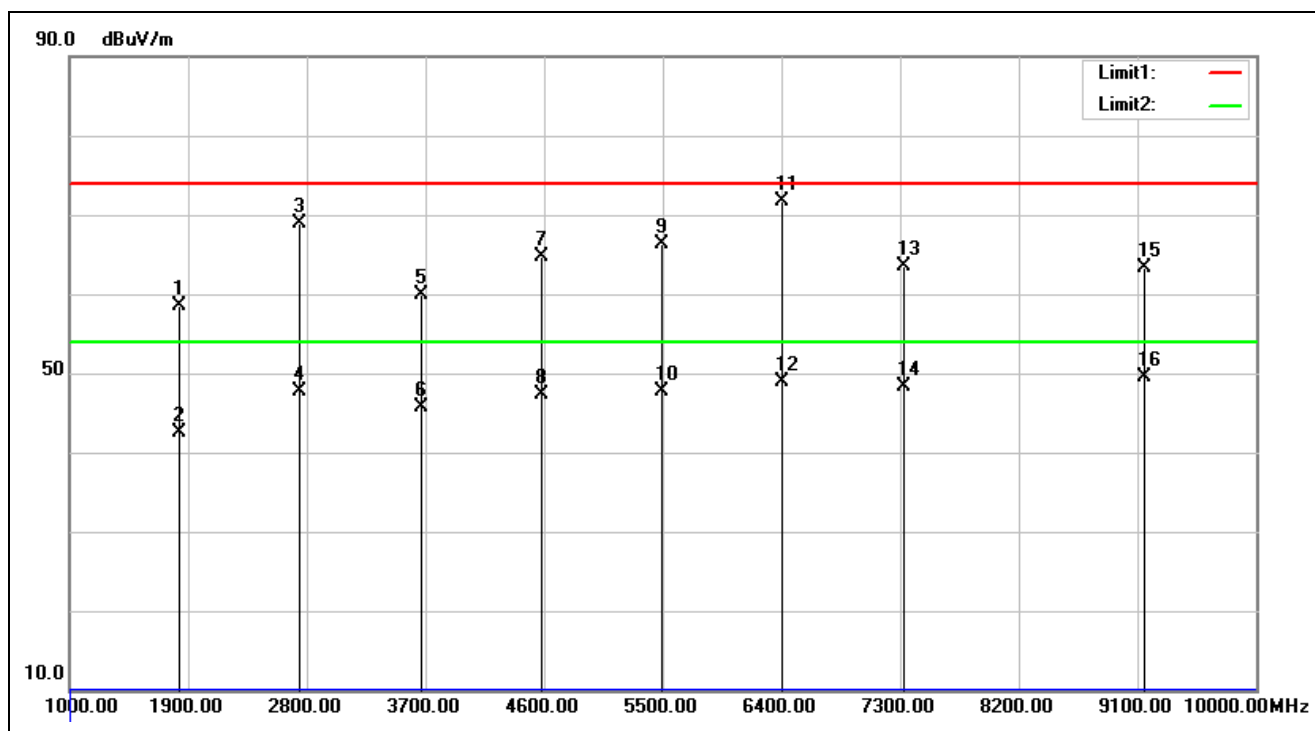
8	4512.500	-3.46	51.33	47.87	54.00	-6.13	AVG	100	213	
9	5415.000	-0.64	66.99	66.35	74.00	-7.65	peak	100	133	
10	5415.000	-0.64	49.31	48.67	54.00	-5.33	AVG	100	133	
11	6317.500	4.29	67.39	71.68	74.00	-2.32	peak	100	346	
12	6317.500	4.29	45.30	49.59	54.00	-4.41	AVG	100	346	
13	7220.000	4.78	58.22	63.00	74.00	-11.00	peak	100	309	
14	7220.000	4.78	43.80	48.58	54.00	-5.42	AVG	100	309	
15	9025.000	6.30	61.08	67.38	74.00	-6.62	peak	100	285	
16	9025.000	6.30	44.34	50.64	54.00	-3.36	AVG	100	285	



Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/3 19:50:00
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	21(°C)/61%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 915MHz		
Remark:	Built-in		
	Filter-HPM50108 + Ext Att10dB		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1830.000	-9.15	63.53	54.38	74.00	-19.62	peak	100	321	
2	1830.000	-9.15	51.47	42.32	54.00	-11.68	AVG	100	321	
3	2745.000	-7.16	77.09	69.93	74.00	-4.07	peak	100	127	
4	2745.000	-7.16	55.34	48.18	54.00	-5.82	AVG	100	127	
5	3660.000	-5.97	70.30	64.33	74.00	-9.67	peak	100	315	
6	3660.000	-5.97	52.59	46.62	54.00	-7.38	AVG	100	315	
7	4575.000	-3.38	73.12	69.74	74.00	-4.26	peak	100	60	

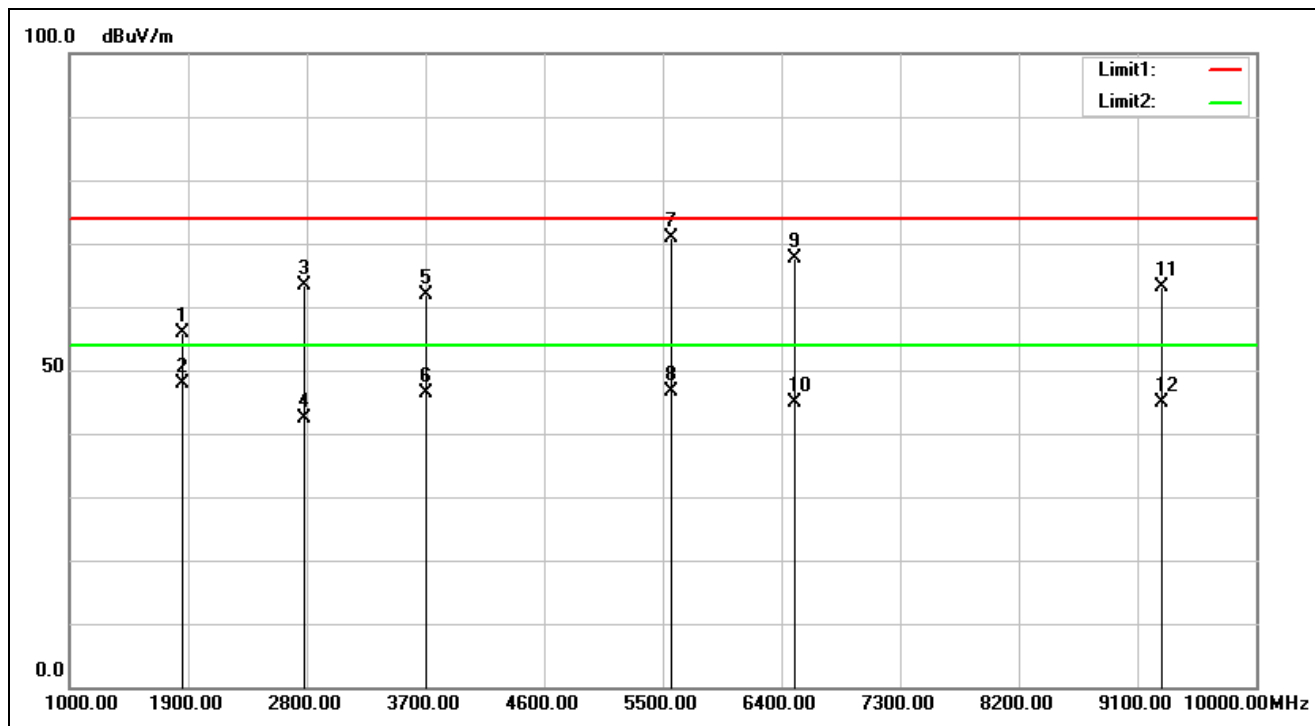
8	4575.000	-3.38	51.58	48.20	54.00	-5.80	AVG	100	60	
9	5490.000	-0.25	67.32	67.07	74.00	-6.93	peak	100	135	
10	5490.000	-0.25	48.03	47.78	54.00	-6.22	AVG	100	135	
11	6405.000	4.62	65.93	70.55	74.00	-3.45	peak	100	351	
12	6405.000	4.62	45.36	49.98	54.00	-4.02	AVG	100	351	
13	7320.000	5.06	58.54	63.60	74.00	-10.40	peak	100	332	
14	7320.000	5.06	43.95	49.01	54.00	-4.99	AVG	100	332	
15	8235.000	5.59	57.04	62.63	74.00	-11.37	peak	100	360	
16	8235.000	5.59	42.93	48.52	54.00	-5.48	AVG	100	360	
17	9150.000	6.20	59.18	65.38	74.00	-8.62	peak	100	315	
18	9150.000	6.20	43.32	49.52	54.00	-4.48	AVG	100	315	



Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/3 19:51:03
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	21(°C)/61%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 915MHz		
Remark:	Built-in		
	Filter-HPM50108 + Ext Att10dB		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1830.000	-9.15	67.75	58.60	74.00	-15.40	peak	100	360	
2	1830.000	-9.15	51.71	42.56	54.00	-11.44	AVG	100	360	
3	2745.000	-7.16	76.03	68.87	74.00	-5.13	peak	100	233	
4	2745.000	-7.16	54.93	47.77	54.00	-6.23	AVG	100	233	
5	3660.000	-5.97	65.85	59.88	74.00	-14.12	peak	100	311	
6	3660.000	-5.97	51.68	45.71	54.00	-8.29	AVG	100	311	
7	4575.000	-3.38	68.11	64.73	74.00	-9.27	peak	100	299	

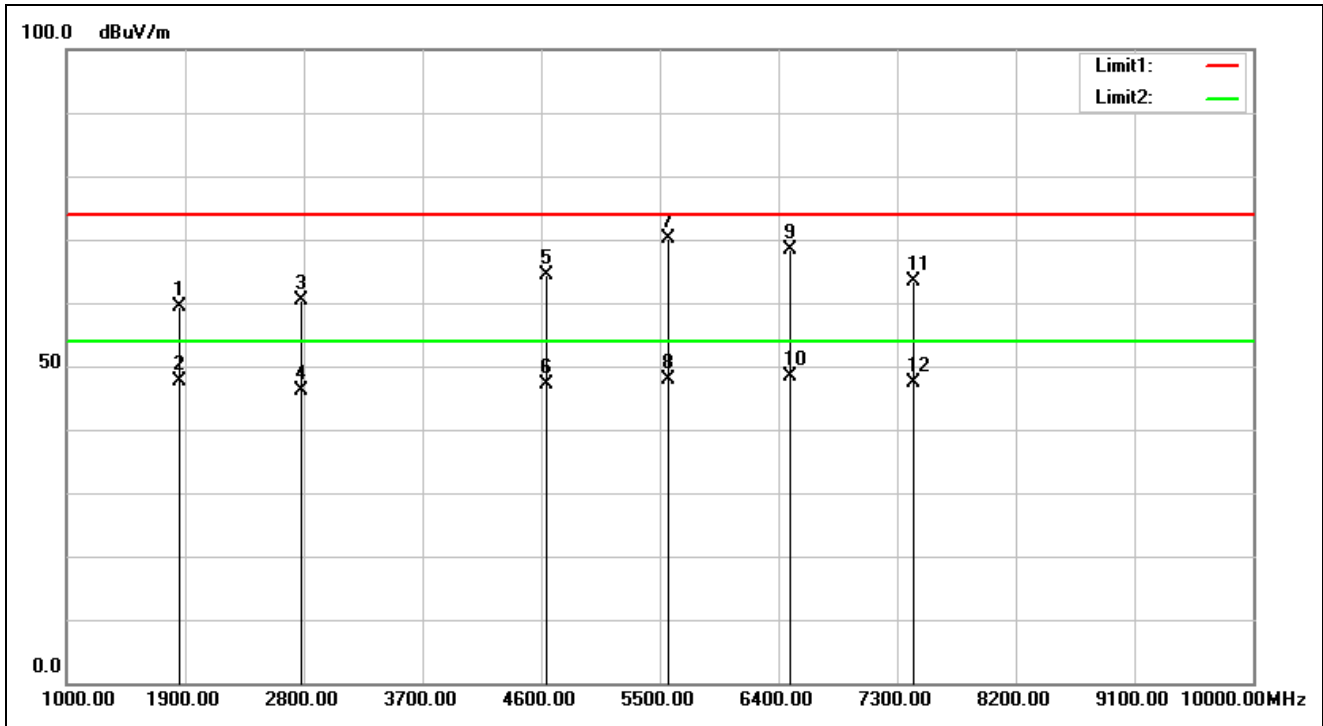
8	4575.000	-3.38	50.64	47.26	54.00	-6.74	AVG	100	299	
9	5490.000	-0.25	66.51	66.26	74.00	-7.74	peak	100	81	
10	5490.000	-0.25	47.90	47.65	54.00	-6.35	AVG	100	81	
11	6405.000	4.62	67.03	71.65	74.00	-2.35	peak	100	341	
12	6405.000	4.62	44.25	48.87	54.00	-5.13	AVG	100	341	
13	7320.000	5.06	58.44	63.50	74.00	-10.50	peak	100	45	
14	7320.000	5.06	43.22	48.28	54.00	-5.72	AVG	100	45	
15	9150.000	6.20	57.14	63.34	74.00	-10.66	peak	100	283	
16	9150.000	6.20	43.22	49.42	54.00	-4.58	AVG	100	283	



Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/5/10 19:36:04
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	23.8(°C)/51%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 927.5MHz		
Remark:	Built-in		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1855.000	-9.03	64.95	55.92	74.00	-18.08	peak	100	177	
2	1855.000	-9.03	56.83	47.80	54.00	-6.20	AVG	100	177	
3	2782.500	-7.50	70.84	63.34	74.00	-10.66	peak	100	20	
4	2782.500	-7.50	49.80	42.30	54.00	-11.70	AVG	100	20	
5	3710.000	-6.18	68.16	61.98	74.00	-12.02	peak	100	28	
6	3710.000	-6.18	52.68	46.50	54.00	-7.50	AVG	100	28	
7	5565.000	-0.15	71.10	70.95	74.00	-3.05	peak	100	17	
8	5565.000	-0.15	46.85	46.70	54.00	-7.30	AVG	100	17	

9	6492.500	4.46	63.23	67.69	74.00	-6.31	peak	100	94	
10	6492.500	4.46	40.54	45.00	54.00	-9.00	AVG	100	94	
11	9275.000	5.66	57.40	63.06	74.00	-10.94	peak	100	83	
12	9275.000	5.66	39.14	44.80	54.00	-9.20	AVG	100	83	



Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/5/10 19:37:07
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	23.8(°C)/51%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 927.5MHz		
Remark:	Built-in		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1855.000	-9.03	68.47	59.44	74.00	-14.56	peak	100	10	
2	1855.000	-9.03	56.73	47.70	54.00	-6.30	AVG	100	10	
3	2782.500	-7.50	67.89	60.39	74.00	-13.61	peak	100	258	
4	2782.500	-7.50	53.60	46.10	54.00	-7.90	AVG	100	258	
5	4637.500	-3.63	68.09	64.46	74.00	-9.54	peak	100	59	
6	4637.500	-3.63	50.83	47.20	54.00	-6.80	AVG	100	59	
7	5565.000	-0.15	70.28	70.13	74.00	-3.87	peak	100	271	

8	5565.000	-0.15	48.15	48.00	54.00	-6.00	AVG	100	271	
9	6492.500	4.46	63.80	68.26	74.00	-5.74	peak	100	40	
10	6492.500	4.46	43.84	48.30	54.00	-5.70	AVG	100	40	
11	7420.000	5.15	58.15	63.30	74.00	-10.70	peak	100	1	
12	7420.000	5.15	42.35	47.50	54.00	-6.50	AVG	100	1	

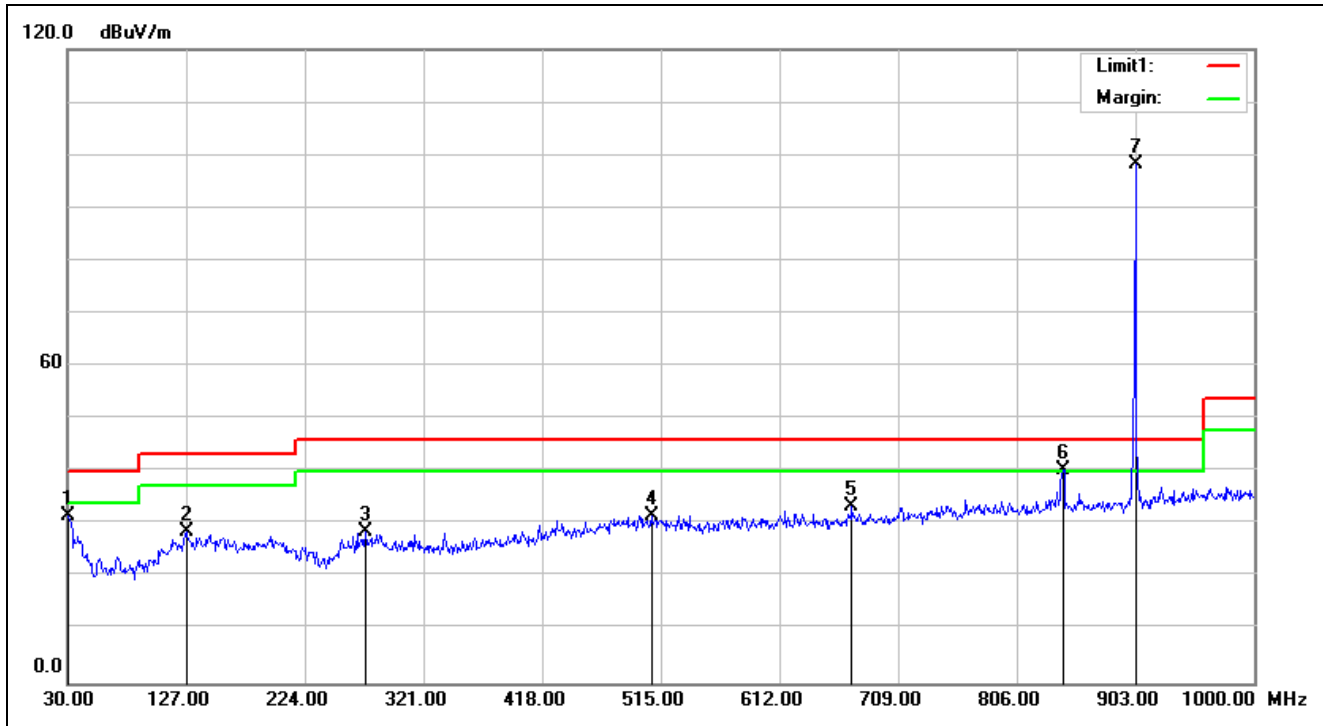
Spurious Emissions, TX Mode, 30M-1G (Built-in Antenna)



TUV Taiwan

11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

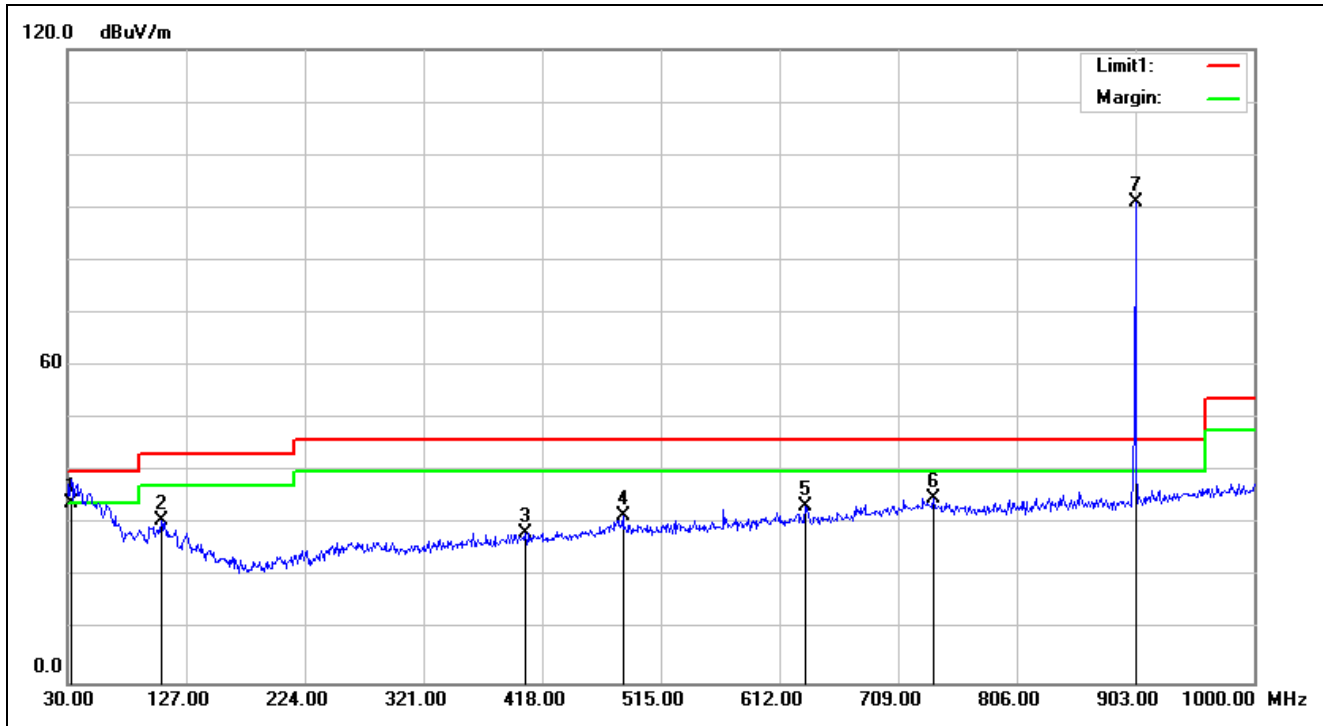
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/3 21:00:21
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	21(°C)/61%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 902.5MHz		
Remark:	Built-in		
	Ext 10dB,Ext Att 10dB		

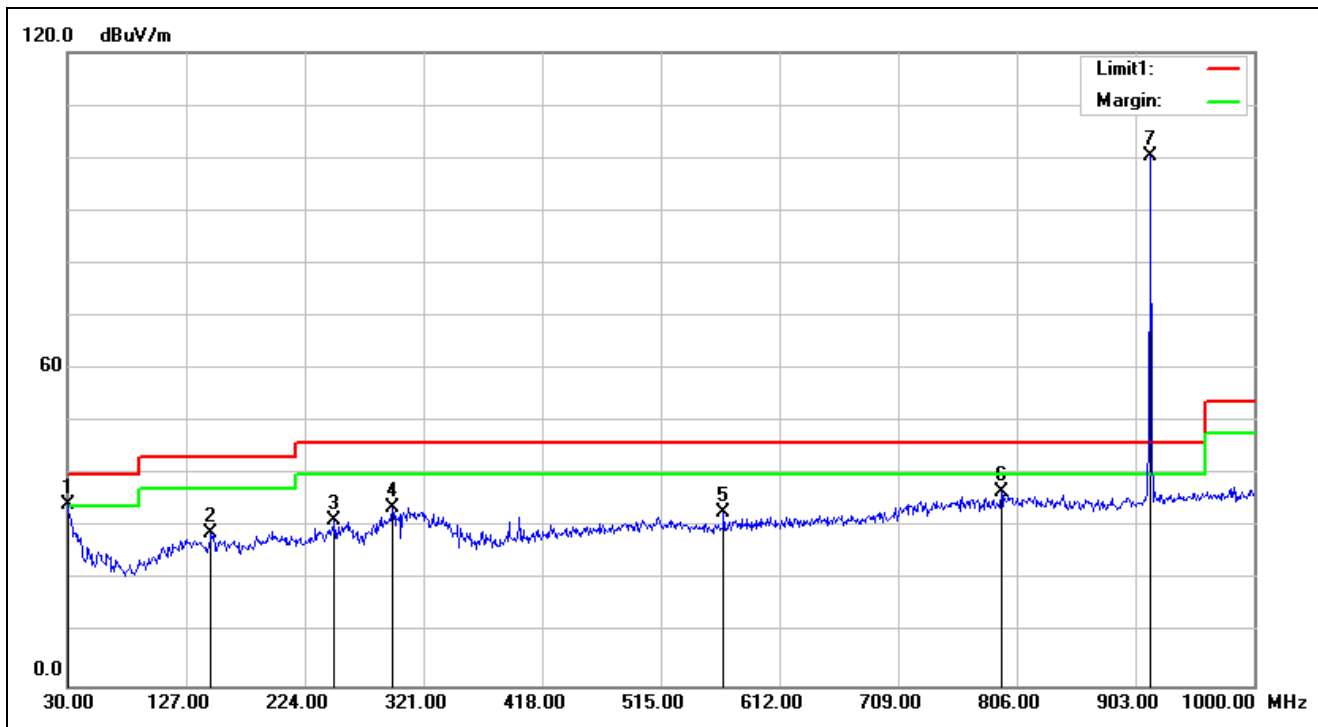
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-5.85	37.62	31.77	40.00	-8.23	QP	100	14	
2	127.0000	-12.77	41.29	28.52	43.50	-14.98	QP	100	277	
3	273.4700	-11.26	40.01	28.75	46.00	-17.25	QP	100	12	
4	507.2400	-7.26	38.89	31.63	46.00	-14.37	QP	100	360	
5	671.1700	-5.24	38.56	33.32	46.00	-12.68	QP	100	360	
6	843.8300	-2.58	43.04	40.46	46.00	-5.54	QP	100	214	
7	903.0000	-1.95	100.26	98.31	46.00	52.31	peak	100	350	TX

Spurious Emissions, TX Mode, 18-26G



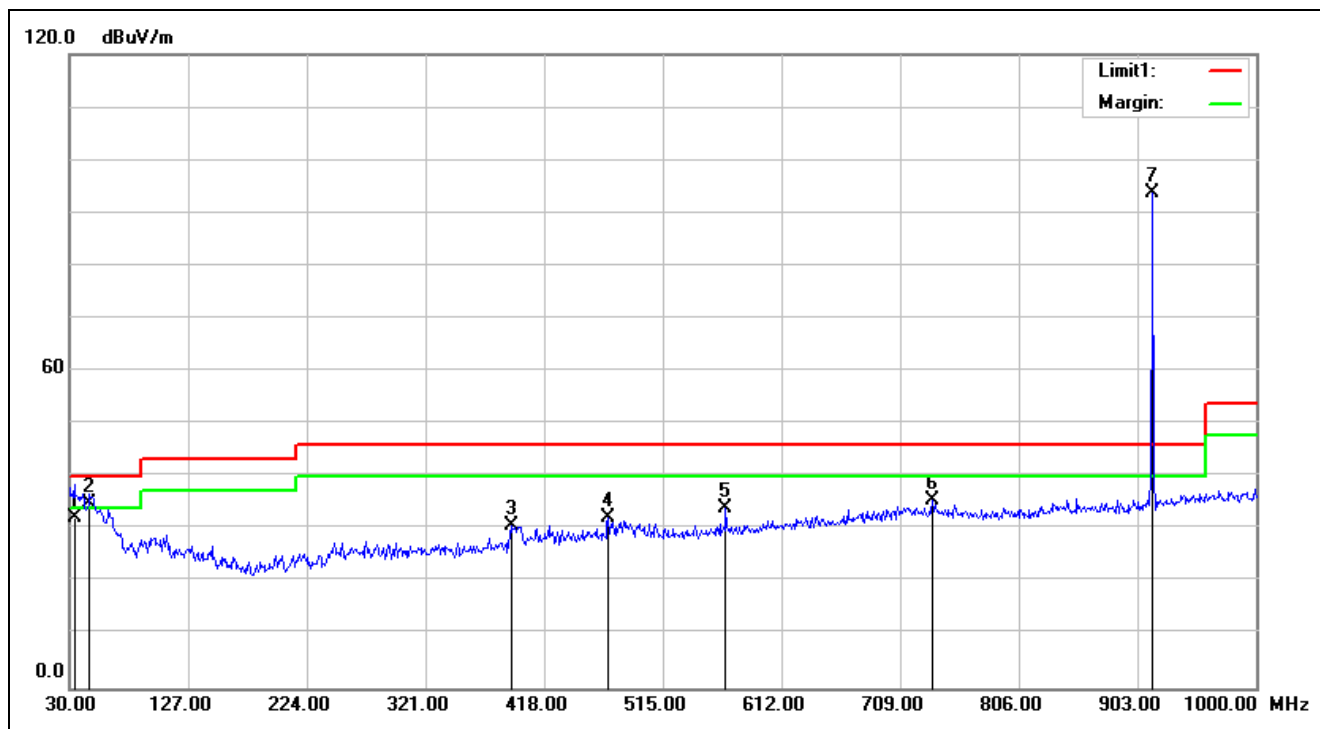
Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/3 21:02:27
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	21(°C)/61%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 902.5MHz		
Remark:	Built-in		
	Ext 10dB,Ext Att 10dB		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	32.9100	-7.46	41.56	34.10	40.00	-5.90	QP	100	144	
2	106.6300	-13.97	44.79	30.82	43.50	-12.68	QP	100	202	
3	404.4200	-8.62	36.96	28.34	46.00	-17.66	QP	100	171	
4	483.9600	-7.54	39.13	31.59	46.00	-14.41	QP	100	202	
5	633.3400	-5.58	38.92	33.34	46.00	-12.66	QP	100	107	
6	738.1000	-4.31	39.34	35.03	46.00	-10.97	QP	100	64	
7	903.0000	-1.95	93.08	91.13	46.00	45.13	peak	100	202	TX



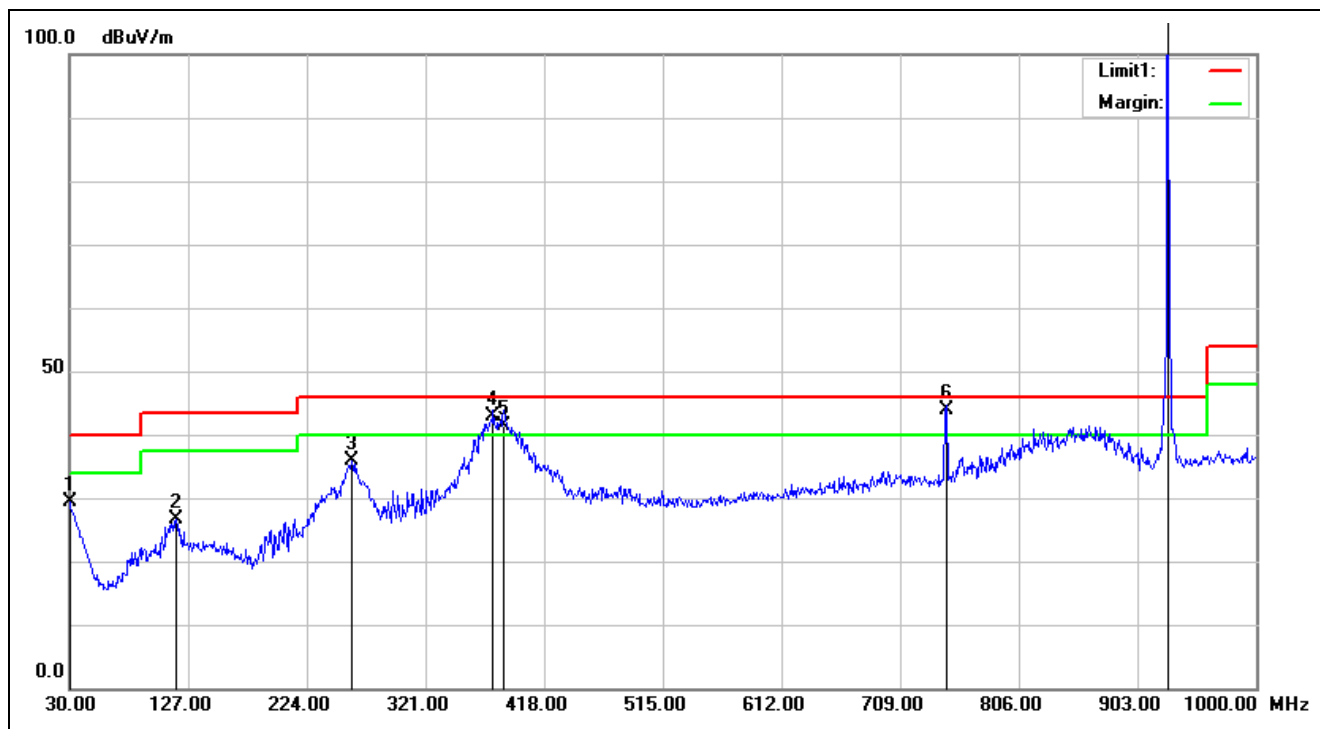
Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/3 21:06:45
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 915MHz		
Remark:	Built-in		
	Ext 10dB,Ext Att 10dB		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-5.85	40.25	34.40	40.00	-5.60	QP	100	256	
2	147.3700	-13.09	42.06	28.97	43.50	-14.53	QP	100	1	
3	248.2500	-11.84	43.21	31.37	46.00	-14.63	QP	100	291	
4	295.7799	-10.54	44.24	33.70	46.00	-12.30	QP	100	275	
5	566.4100	-6.66	39.44	32.78	46.00	-13.22	QP	100	195	
6	793.3900	-3.75	40.48	36.73	46.00	-9.27	QP	100	219	
7	915.6100	-1.57	101.87	100.30	46.00	54.30	peak	100	283	TX



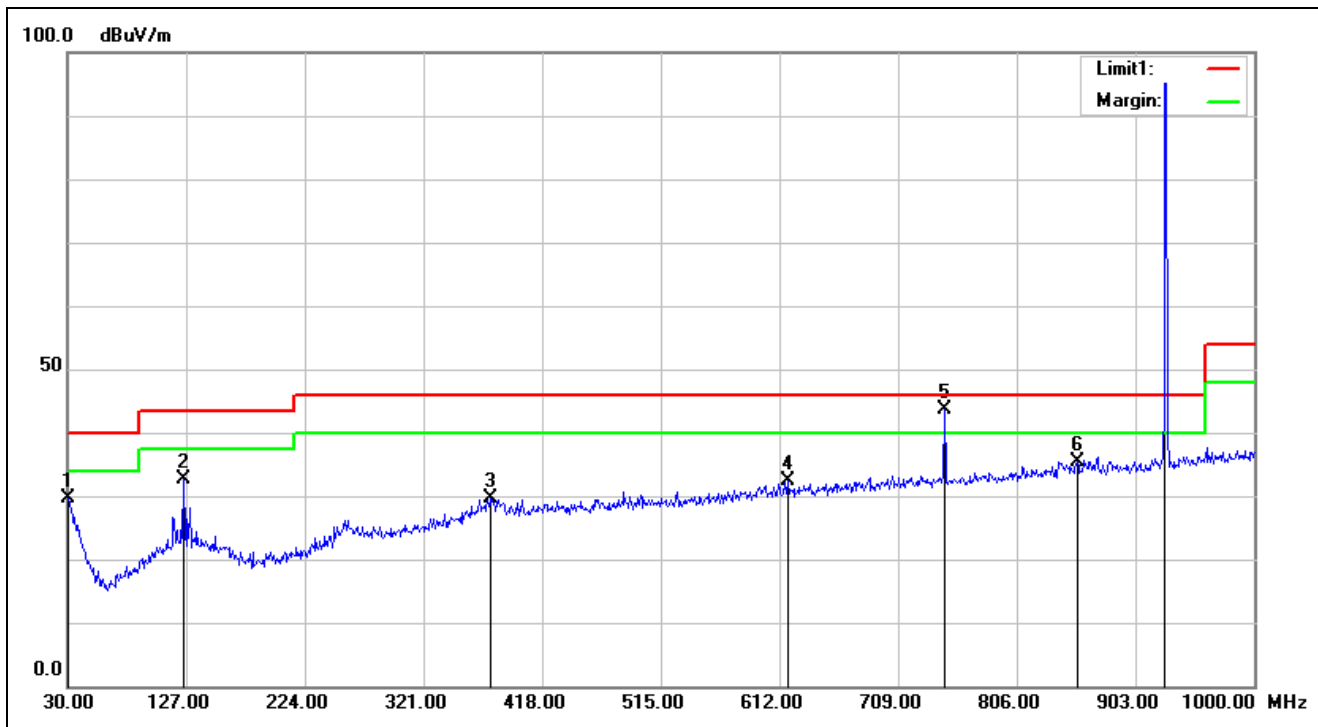
Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/3 21:07:48
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 915MHz		
Remark:	Built-in		
	Ext 10dB,Ext Att 10dB		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	33.8800	-7.99	40.39	32.40	40.00	-7.60	QP	100	194	
2	46.4900	-15.10	50.20	35.10	40.00	-4.90	QP	100	360	
3	390.8400	-8.80	39.48	30.68	46.00	-15.32	QP	100	205	
4	470.3800	-7.74	40.02	32.28	46.00	-13.72	QP	100	208	
5	566.4100	-6.66	40.80	34.14	46.00	-11.86	QP	100	128	
6	735.1900	-4.37	40.06	35.69	46.00	-10.31	QP	100	96	
7	915.6100	-1.57	95.41	93.84	46.00	47.84	peak	100	205	TX



Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/5/10 20:42:00
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%):	23.8(°C)/51%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 927.5MHz		
Remark:	Built-in		
	Ext 10dB,Ext Att 10dB		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-5.85	35.20	29.35	40.00	-10.65	QP	100	359	
2	117.3000	-13.17	39.84	26.67	43.50	-16.83	QP	100	195	
3	260.8600	-10.85	46.75	35.90	46.00	-10.10	QP	100	219	
4	376.2900	-9.01	52.01	43.00	46.00	-3.00	QP	100	3	
5	385.0200	-8.89	50.19	41.30	46.00	-4.70	QP	100	168	
6	746.8300	-4.14	48.14	44.00	46.00	-2.00	QP	100	358	
7	928.2200	-1.19	110.13	108.94	46.00	62.94	peak	100	334	TX



Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/5/10 20:43:03
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	23.8(°C)/51%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 927.5MHz		
Remark:	Built-in		
	Ext 10dB,Ext Att 10dB		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-5.85	35.53	29.68	40.00	-10.32	QP	100	138	
2	125.0600	-12.84	45.40	32.56	43.50	-10.94	QP	100	349	
3	375.3200	-9.02	38.61	29.59	46.00	-16.41	QP	100	74	
4	618.7900	-5.76	38.07	32.31	46.00	-13.69	QP	100	143	
5	746.8300	-4.14	47.72	43.58	46.00	-2.42	QP	100	271	
6	855.4700	-2.38	37.82	35.44	46.00	-10.56	QP	100	207	
7	927.2500	-1.21	96.44	95.23	46.00	49.23	peak	100	133	TX

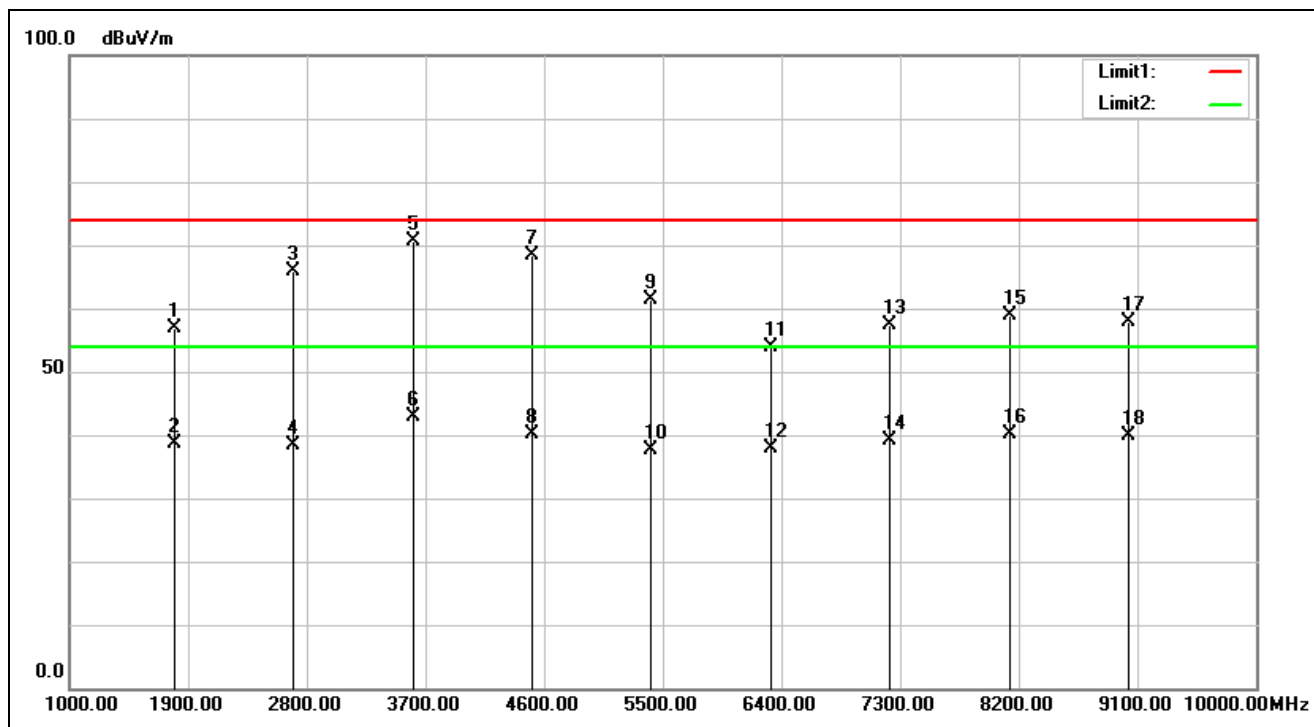
Spurious Emissions, TX Mode, 1-10G (External Antenna)



TUV Taiwan

11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

Tel:+886-2172-7000 fax:+886-2528-0018

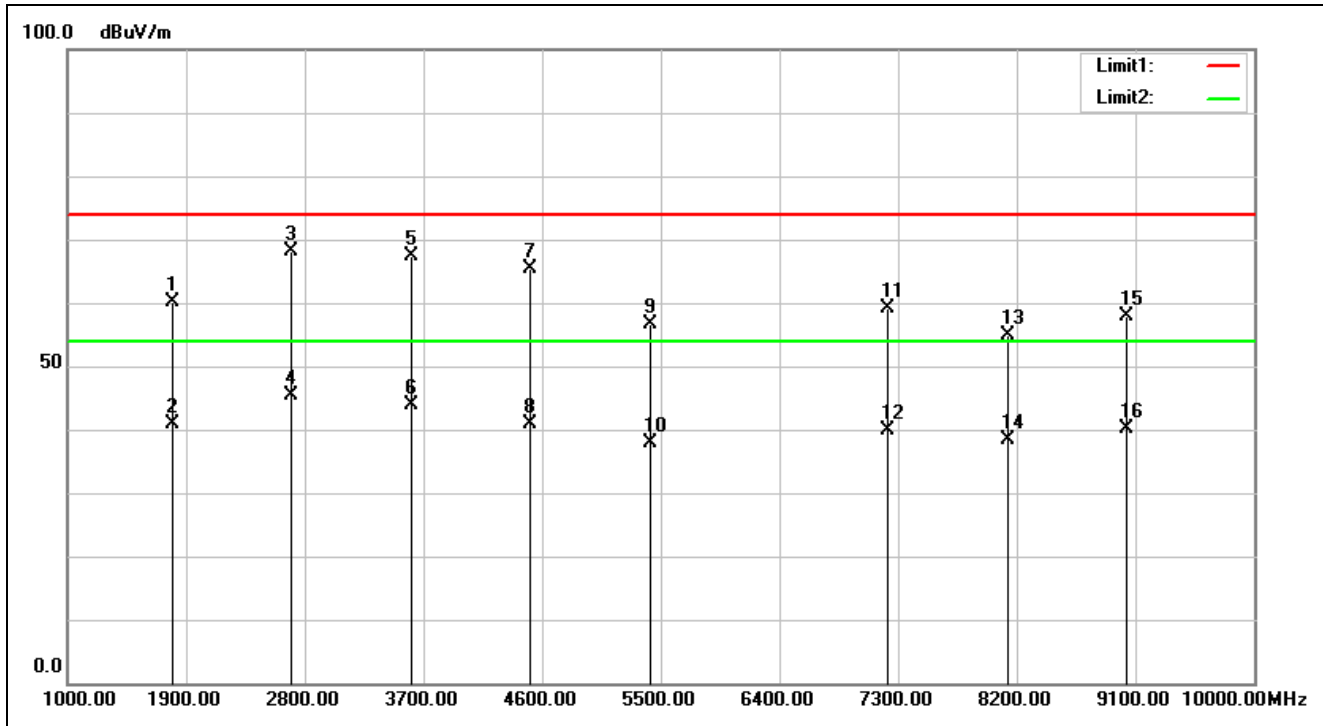


Service No.:	114039975_FCC_tmp	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/1/25 20:52:34
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%):	17.5(°C)/63%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 902.5MHz		
Remark:	Ext		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1805.000	-9.30	66.12	56.82	74.00	-17.18	peak	100	339	
2	1805.000	-9.30	47.87	38.57	54.00	-15.43	AVG	100	339	
3	2707.500	-7.23	73.11	65.88	74.00	-8.12	peak	100	153	
4	2707.500	-7.23	45.49	38.26	54.00	-15.74	AVG	100	153	
5	3610.000	-6.06	76.71	70.65	74.00	-3.35	peak	100	134	

Spurious Emissions, TX Mode, 18-26G

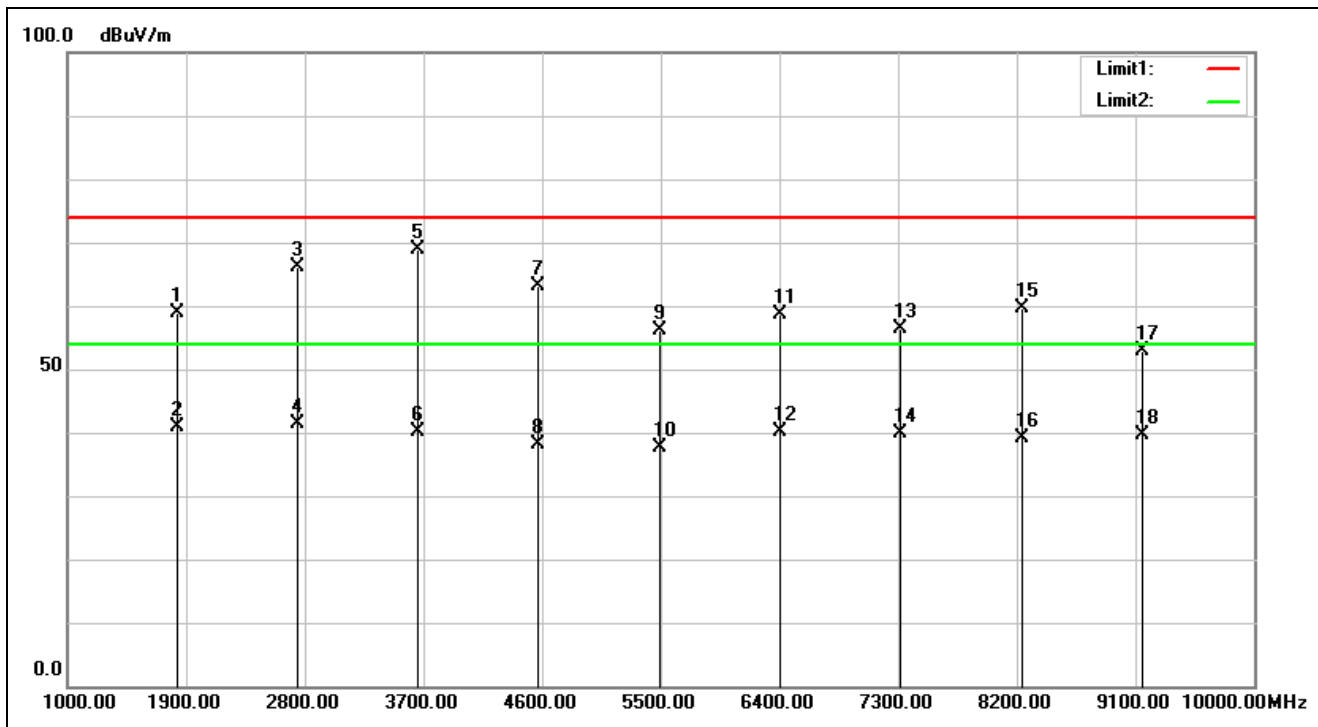
6	3610.000	-6.06	49.06	43.00	54.00	-11.00	AVG	100	134	
7	4512.500	-3.46	71.82	68.36	74.00	-5.64	peak	100	211	
8	4512.500	-3.46	43.51	40.05	54.00	-13.95	AVG	100	211	
9	5415.000	-0.64	62.13	61.49	74.00	-12.51	peak	100	176	
10	5415.000	-0.64	38.38	37.74	54.00	-16.26	AVG	100	176	
11	6317.500	4.29	49.69	53.98	74.00	-20.02	peak	100	42	
12	6317.500	4.29	33.70	37.99	54.00	-16.01	AVG	100	42	
13	7220.000	4.78	52.62	57.40	74.00	-16.60	peak	100	339	
14	7220.000	4.78	34.36	39.14	54.00	-14.86	AVG	100	339	
15	8122.500	5.57	53.43	59.00	74.00	-15.00	peak	100	73	
16	8122.500	5.57	34.64	40.21	54.00	-13.79	AVG	100	73	
17	9025.000	6.29	51.51	57.80	74.00	-16.20	peak	100	223	
18	9025.000	6.29	33.71	40.00	54.00	-14.00	AVG	100	223	



Service No.:	114039975_FCC_tmp	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/1/25 20:53:37
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%):	17.5(°C)/63%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 902.5MHz		
Remark:	Ext		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1805.000	-9.30	69.38	60.08	74.00	-13.92	peak	100	187	
2	1805.000	-9.30	50.07	40.77	54.00	-13.23	AVG	100	187	
3	2707.500	-7.23	75.47	68.24	74.00	-5.76	peak	100	198	
4	2707.500	-7.23	52.73	45.50	54.00	-8.50	AVG	100	198	
5	3610.000	-6.06	73.42	67.36	74.00	-6.64	peak	100	232	
6	3610.000	-6.06	50.06	44.00	54.00	-10.00	AVG	100	232	
7	4512.500	-3.46	68.72	65.26	74.00	-8.74	peak	100	237	

8	4512.500	-3.46	44.45	40.99	54.00	-13.01	AVG	100	237	
9	5415.000	-0.64	57.33	56.69	74.00	-17.31	peak	100	179	
10	5415.000	-0.64	38.41	37.77	54.00	-16.23	AVG	100	179	
11	7220.000	4.78	54.33	59.11	74.00	-14.89	peak	100	360	
12	7220.000	4.78	35.22	40.00	54.00	-14.00	AVG	100	360	
13	8122.500	5.57	49.26	54.83	74.00	-19.17	peak	100	87	
14	8122.500	5.57	32.86	38.43	54.00	-15.57	AVG	100	87	
15	9025.000	6.29	51.55	57.84	74.00	-16.16	peak	100	223	
16	9025.000	6.29	33.81	40.10	54.00	-13.90	AVG	100	223	

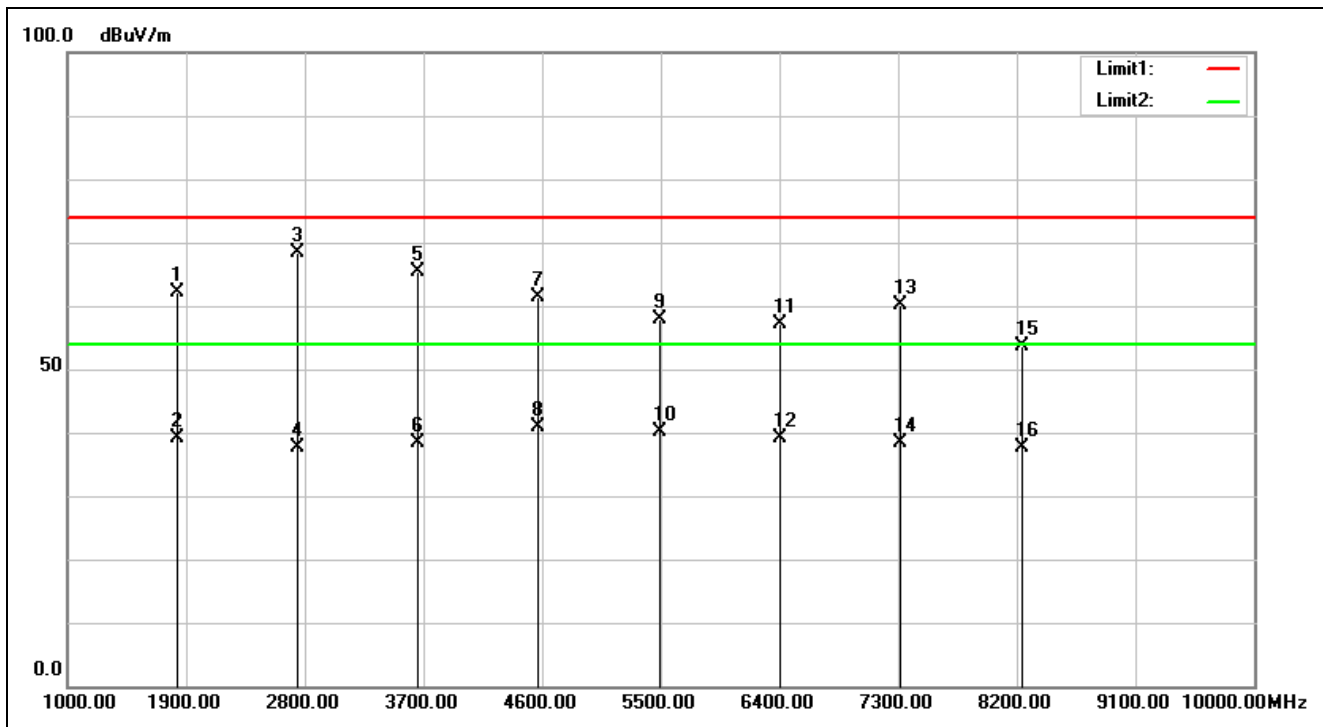


Service No.:	114039975_FCC_tmp	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/1/25 21:02:53
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%):	17.5(°C)/63%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 915MHz		
Remark:	Ext		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1830.000	-9.15	68.10	58.95	74.00	-15.05	peak	100	148	
2	1830.000	-9.15	49.96	40.81	54.00	-13.19	AVG	100	148	
3	2745.000	-7.16	73.22	66.06	74.00	-7.94	peak	100	81	
4	2745.000	-7.16	48.49	41.33	54.00	-12.67	AVG	100	81	
5	3660.000	-5.97	74.88	68.91	74.00	-5.09	peak	100	134	
6	3660.000	-5.97	46.04	40.07	54.00	-13.93	AVG	100	134	
7	4575.000	-3.38	66.62	63.24	74.00	-10.76	peak	100	211	

Spurious Emissions, TX Mode, 18-26G

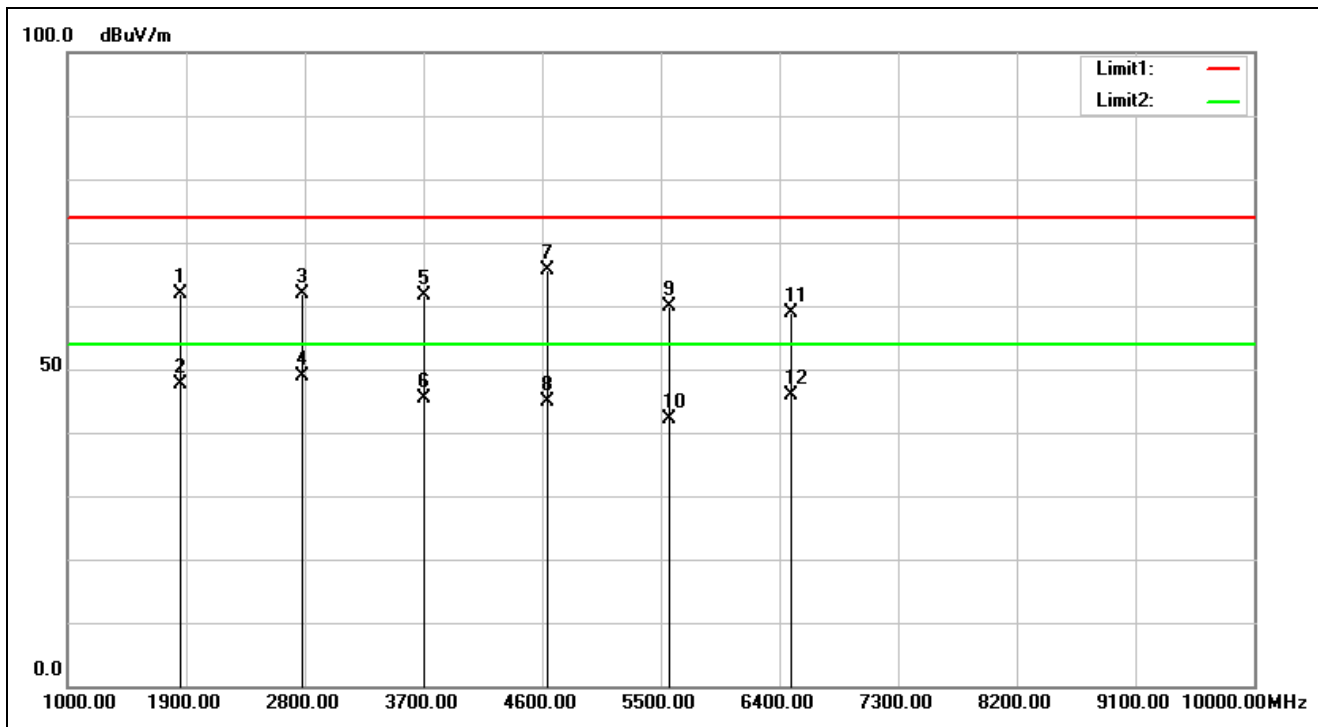
8	4575.000	-3.38	41.49	38.11	54.00	-15.89	AVG	100	211	
9	5490.000	-0.25	56.31	56.06	74.00	-17.94	peak	100	284	
10	5490.000	-0.25	37.77	37.52	54.00	-16.48	AVG	100	284	
11	6405.000	4.62	53.93	58.55	74.00	-15.45	peak	100	192	
12	6405.000	4.62	35.39	40.01	54.00	-13.99	AVG	100	192	
13	7320.000	5.06	51.29	56.35	74.00	-17.65	peak	100	67	
14	7320.000	5.06	34.74	39.80	54.00	-14.20	AVG	100	67	
15	8235.000	5.59	54.01	59.60	74.00	-14.40	peak	100	78	
16	8235.000	5.59	33.48	39.07	54.00	-14.93	AVG	100	78	
17	9150.000	6.20	46.56	52.76	74.00	-21.24	peak	100	337	
18	9150.000	6.20	33.41	39.61	54.00	-14.39	AVG	100	337	



Service No.:	114039975_FCC_tmp	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/1/25 21:03:56
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	17.5(°C)/63%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 915MHz		
Remark:	Ext		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1830.000	-9.15	71.39	62.24	74.00	-11.76	peak	100	168	
2	1830.000	-9.15	48.26	39.11	54.00	-14.89	AVG	100	168	
3	2745.000	-7.16	75.63	68.47	74.00	-5.53	peak	100	237	
4	2745.000	-7.16	44.70	37.54	54.00	-16.46	AVG	100	237	
5	3660.000	-5.97	71.45	65.48	74.00	-8.52	peak	100	148	
6	3660.000	-5.97	44.47	38.50	54.00	-15.50	AVG	100	148	
7	4575.000	-3.38	64.70	61.32	74.00	-12.68	peak	100	223	

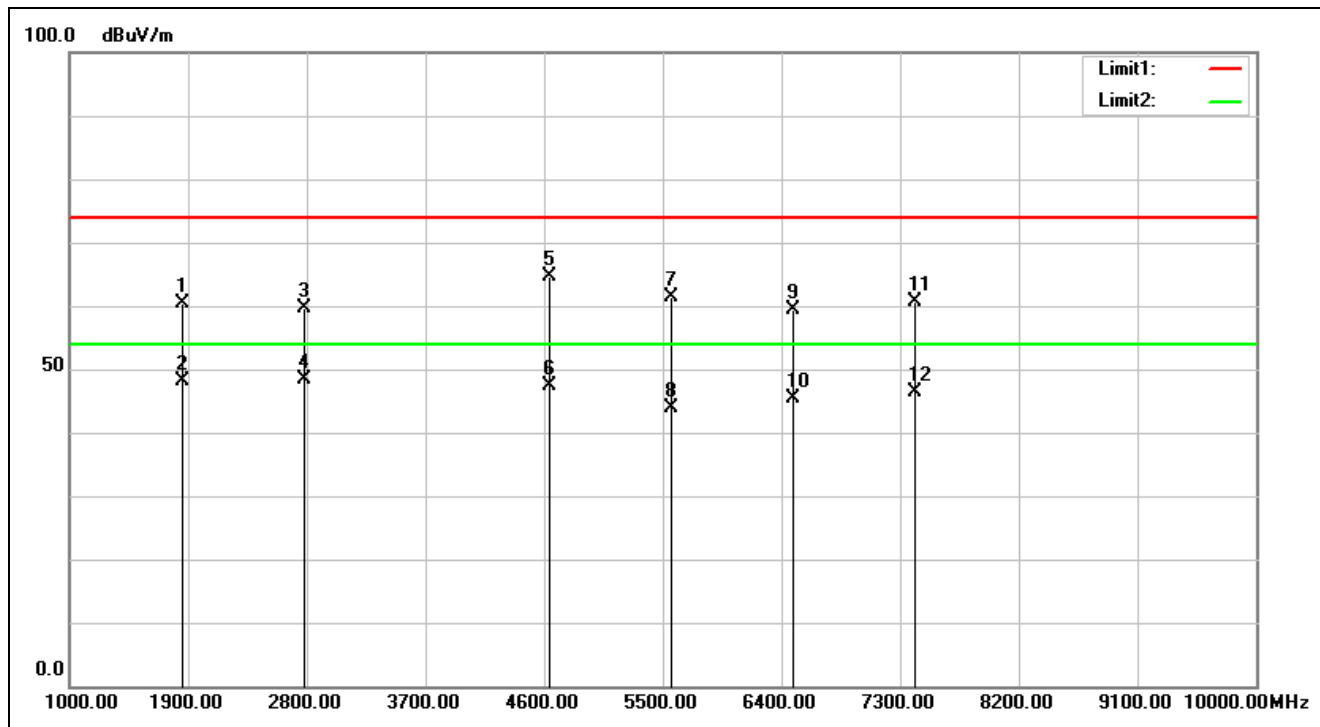
8	4575.000	-3.38	44.18	40.80	54.00	-13.20	AVG	100	223	
9	5490.000	-0.25	58.13	57.88	74.00	-16.12	peak	100	132	
10	5490.000	-0.25	40.42	40.17	54.00	-13.83	AVG	100	132	
11	6405.000	4.62	52.47	57.09	74.00	-16.91	peak	100	331	
12	6405.000	4.62	34.39	39.01	54.00	-14.99	AVG	100	331	
13	7320.000	5.06	55.11	60.17	74.00	-13.83	peak	100	287	
14	7320.000	5.06	33.26	38.32	54.00	-15.68	AVG	100	287	
15	8235.000	5.59	48.02	53.61	74.00	-20.39	peak	100	154	
16	8235.000	5.59	32.03	37.62	54.00	-16.38	AVG	100	154	



Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/5/10 20:03:25
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%):	23.8(°C)/51%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 927.5MHz		
Remark:	Ext		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1855.000	-9.03	70.95	61.92	74.00	-12.08	peak	100	138	
2	1855.000	-9.03	56.63	47.60	54.00	-6.40	AVG	100	138	
3	2782.500	-7.50	69.36	61.86	74.00	-12.14	peak	100	28	
4	2782.500	-7.50	56.30	48.80	54.00	-5.20	AVG	100	28	
5	3710.000	-6.18	67.80	61.62	74.00	-12.38	peak	100	47	
6	3710.000	-6.18	51.68	45.50	54.00	-8.50	AVG	100	47	
7	4637.500	-3.63	69.16	65.53	74.00	-8.47	peak	100	329	

8	4637.500	-3.63	48.63	45.00	54.00	-9.00	AVG	100	329	
9	5565.000	-0.15	60.06	59.91	74.00	-14.09	peak	100	47	
10	5565.000	-0.15	42.35	42.20	54.00	-11.80	AVG	100	47	
11	6492.500	4.46	54.54	59.00	74.00	-15.00	peak	100	78	
12	6492.500	4.46	41.54	46.00	54.00	-8.00	AVG	100	78	



Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/5/10 20:04:28
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	23.8(°C)/51%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 927.5MHz		
Remark:	Ext		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1855.000	-9.03	69.36	60.33	74.00	-13.67	peak	100	321	
2	1855.000	-9.03	57.13	48.10	54.00	-5.90	AVG	100	321	
3	2782.500	-7.50	67.14	59.64	74.00	-14.36	peak	100	51	
4	2782.500	-7.50	56.00	48.50	54.00	-5.50	AVG	100	51	
5	4637.500	-3.63	68.36	64.73	74.00	-9.27	peak	100	18	
6	4637.500	-3.63	50.93	47.30	54.00	-6.70	AVG	100	18	
7	5565.000	-0.15	61.63	61.48	74.00	-12.52	peak	100	272	

Spurious Emissions, TX Mode, 18-26G

8	5565.000	-0.15	44.15	44.00	54.00	-10.00	AVG	100	272	
9	6492.500	4.46	55.01	59.47	74.00	-14.53	peak	100	310	
10	6492.500	4.46	40.84	45.30	54.00	-8.70	AVG	100	310	
11	7420.000	5.15	55.54	60.69	74.00	-13.31	peak	100	29	
12	7420.000	5.15	41.15	46.30	54.00	-7.70	AVG	100	29	

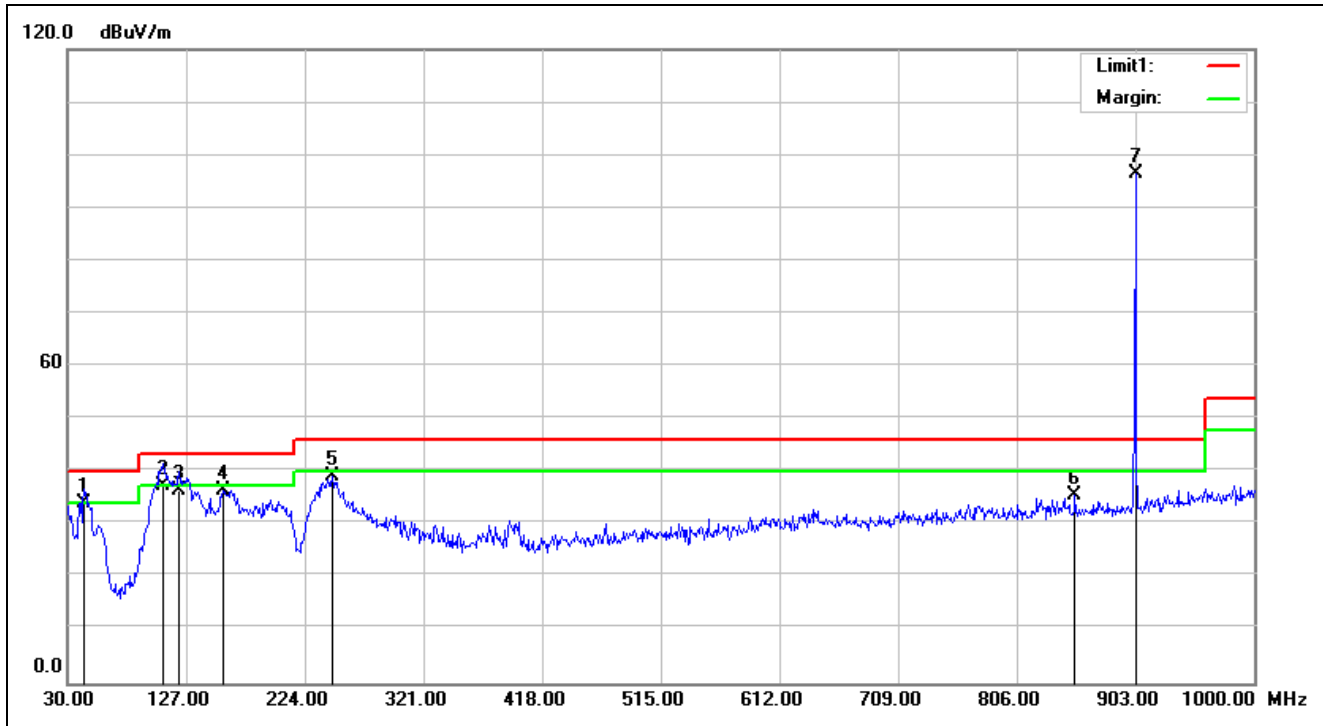
Spurious Emissions, TX Mode, 30M-1G (External Antenna)



TUV Taiwan

11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

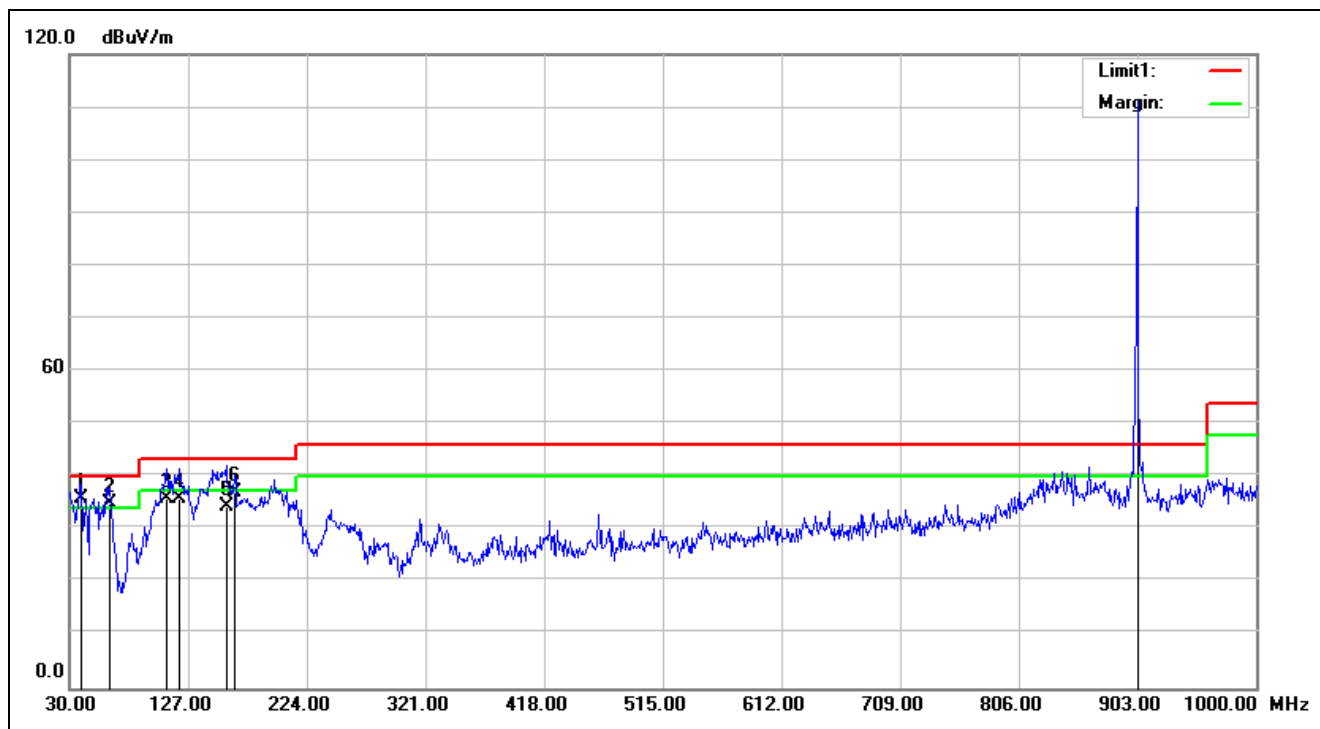
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/11 09:22:46
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	20(°C)/59%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 902.5MHz		
Remark:	Ext		
	Ext 10dB,Ext Att 10dB		

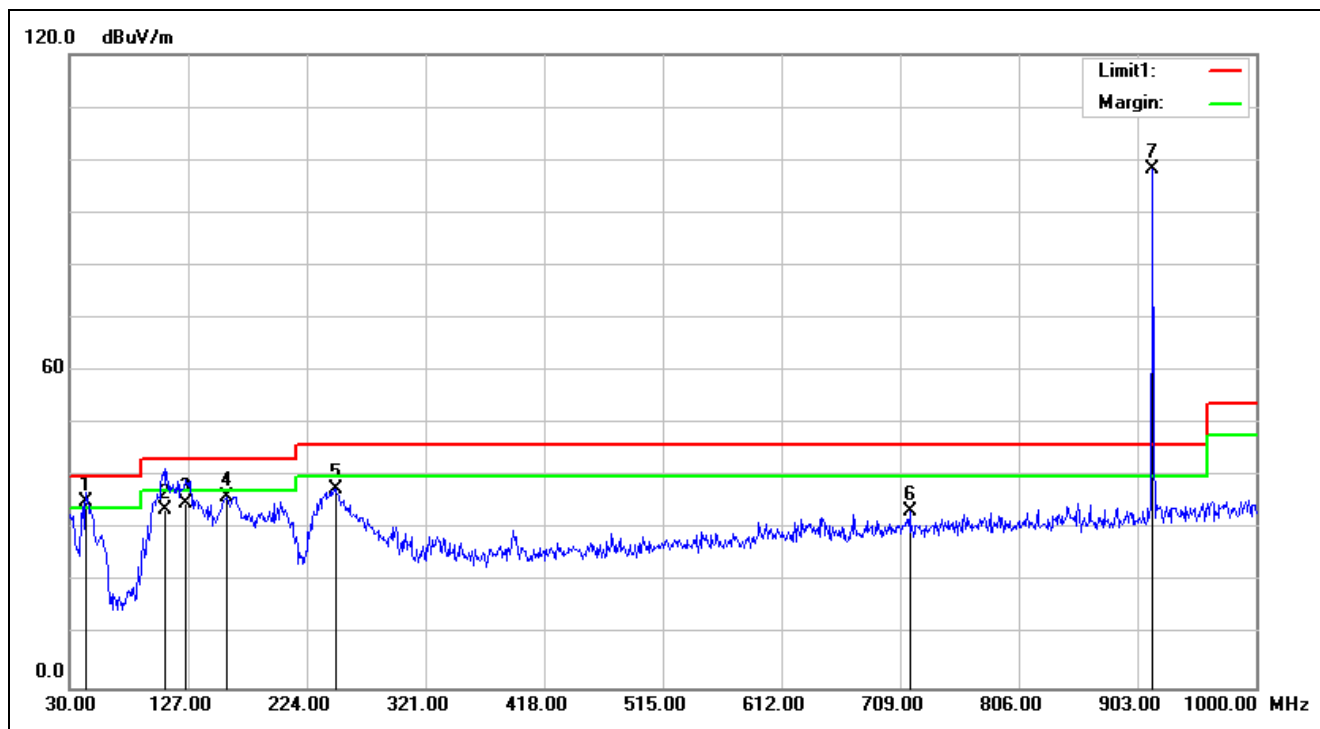
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	43.5800	-13.47	47.47	34.00	40.00	-6.00	QP	100	199	
2	107.6000	-13.85	51.25	37.40	43.50	-6.10	QP	100	25	
3	121.1800	-12.97	49.37	36.40	43.50	-7.10	QP	100	222	
4	157.0700	-13.69	50.14	36.45	43.50	-7.05	QP	100	66	
5	246.3100	-12.05	51.10	39.05	46.00	-6.95	QP	100	124	
6	853.5300	-2.40	37.92	35.52	46.00	-10.48	QP	100	39	
7	903.0000	-1.95	98.43	96.48	46.00	50.48	peak	100	0	TX

Spurious Emissions, RX Mode, 1-18G



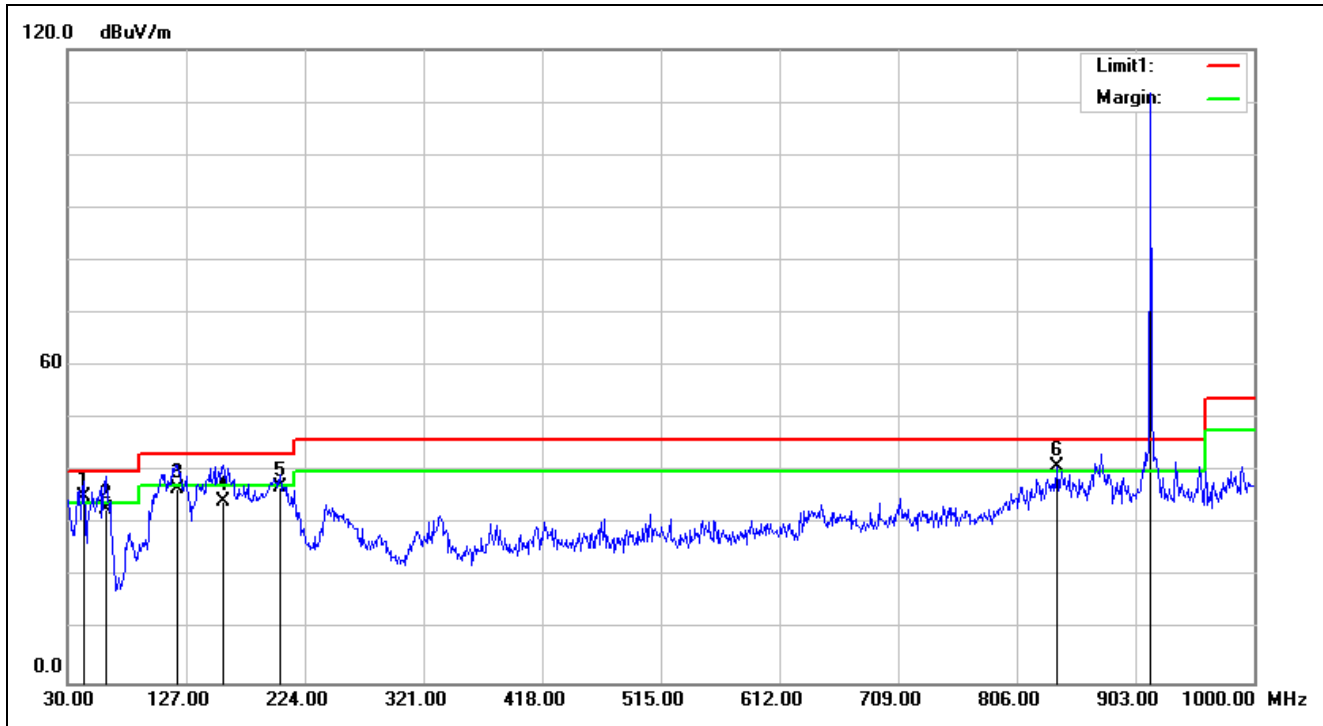
Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/11 09:25:47
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	20(°C)/59%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 902.5MHz		
Remark:	Ext		
	Ext 10dB,Ext Att 10dB		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	39.7000	-11.32	47.12	35.80	40.00	-4.20	QP	100	36	
2	62.9800	-19.45	54.45	35.00	40.00	-5.00	QP	100	354	
3	109.5400	-13.63	49.63	36.00	43.50	-7.50	QP	100	228	
4	120.2100	-13.01	49.01	36.00	43.50	-7.50	QP	100	99	
5	158.0400	-13.76	48.26	34.50	43.50	-9.00	QP	100	75	
6	164.8300	-14.33	51.33	37.00	43.50	-6.50	QP	100	16	
7	903.0000	-1.95	113.04	111.09	46.00	65.09	peak	100	2	



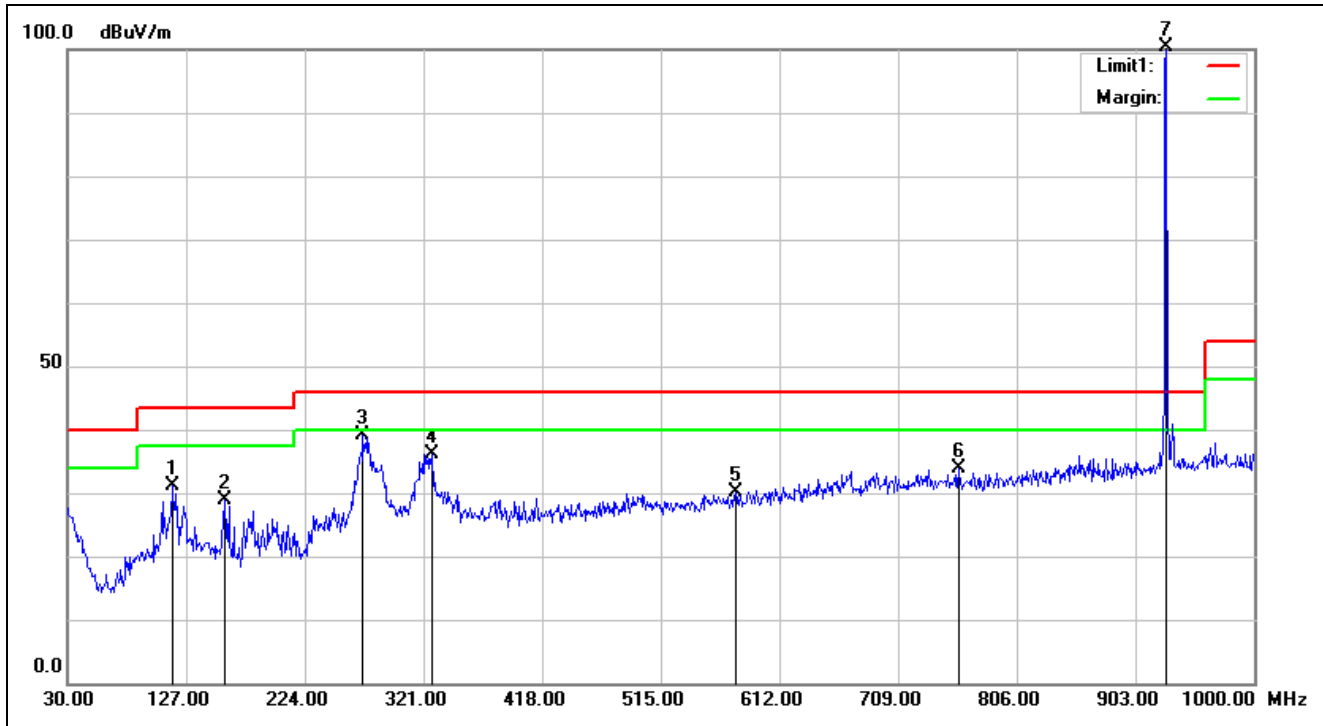
Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/11 09:36:10
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	20(°C)/59%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 915MHz		
Remark:	Ext		
	Ext 10dB,Ext Att 10dB		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	43.5800	-13.47	48.87	35.40	40.00	-4.60	QP	100	221	
2	107.6000	-13.85	47.65	33.80	43.50	-9.70	QP	100	384	
3	125.0600	-12.84	47.84	35.00	43.50	-8.50	QP	100	14	
4	158.0400	-13.76	50.06	36.30	43.50	-7.20	QP	100	22	
5	247.2800	-11.95	49.74	37.79	46.00	-8.21	QP	100	17	
6	716.7600	-4.74	38.21	33.47	46.00	-12.53	QP	100	357	
7	915.6100	-1.57	99.84	98.27	46.00	52.27	peak	100	35	TX



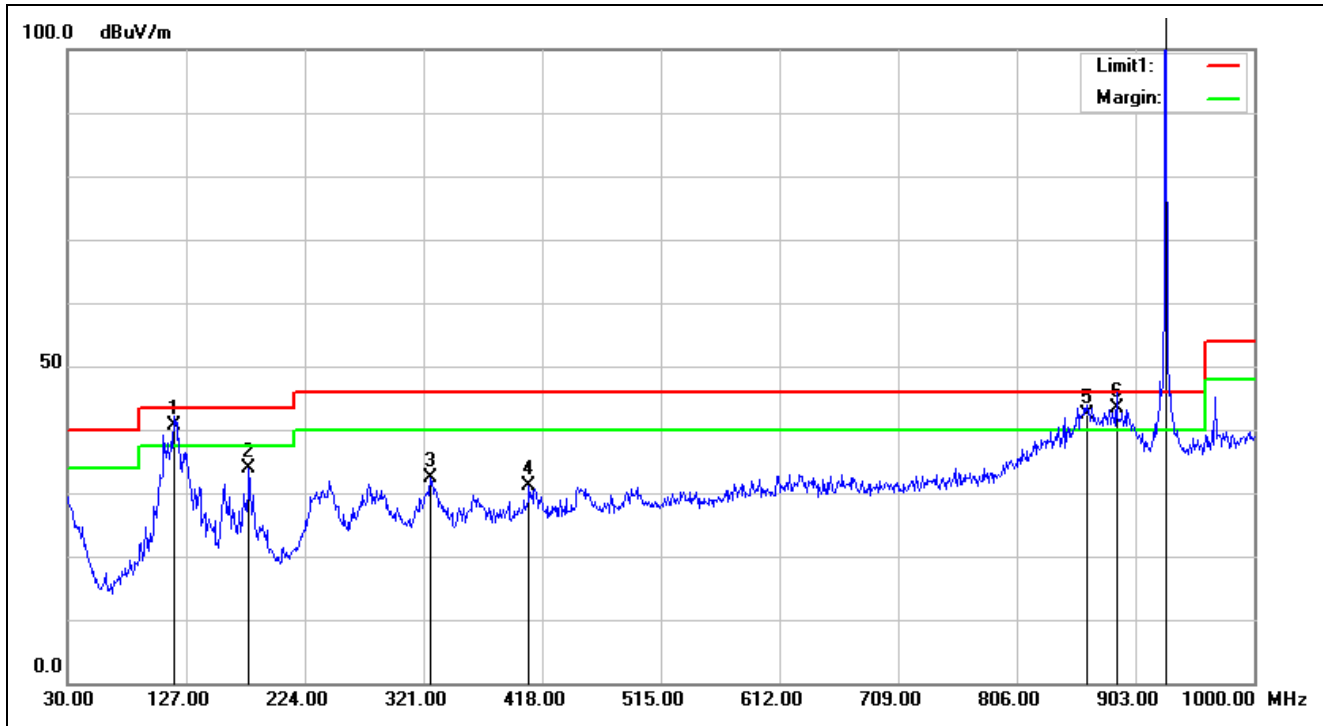
Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/11 09:39:30
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	20(°C)/59%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 915MHz		
Remark:	Ext		
	Ext 10dB,Ext Att 10dB		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	43.5800	-13.47	48.87	35.40	40.00	-4.60	QP	100	74	
2	61.0400	-19.64	52.64	33.00	40.00	-7.00	QP	100	12	
3	119.2400	-13.07	49.77	36.70	43.50	-6.80	QP	100	111	
4	157.0700	-13.69	48.09	34.40	43.50	-9.10	QP	100	38	
5	203.6300	-14.65	51.65	37.00	43.50	-6.50	QP	100	247	
6	838.9800	-2.70	43.51	40.81	46.00	-5.19	QP	100	228	
7	915.6100	-1.57	113.34	111.77	46.00	65.77	QP	100	7	TX



Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/5/10 20:54:03
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%):	23.8(°C)/51%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 927.5MHz		
Remark:	Ext		
	Ext 10dB,Ext Att 10dB		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	115.3600	-13.27	44.42	31.15	43.50	-12.35	QP	100	14	
2	159.0100	-13.81	42.76	28.95	43.50	-14.55	QP	100	222	
3	271.5300	-11.31	50.45	39.14	46.00	-6.86	QP	100	0	
4	327.7900	-9.87	46.11	36.24	46.00	-9.76	QP	100	221	
5	576.1100	-6.48	36.68	30.20	46.00	-15.80	QP	100	3	
6	758.4700	-4.01	37.99	33.98	46.00	-12.02	QP	100	60	
7	928.2200	-1.19	101.45	100.26	46.00	54.26	peak	100	0	TX



Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/5/10 20:56:15
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	23.8(°C)/51%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	TX 927.5MHz		
Remark:	Ext		
	Ext 10dB,Ext Att 10dB		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	117.3000	-13.17	53.87	40.70	43.50	-2.80	QP	100	17	
2	178.4100	-15.53	49.38	33.85	43.50	-9.65	QP	100	26	
3	326.8200	-9.89	42.19	32.30	46.00	-13.70	QP	100	333	
4	407.3300	-8.58	39.74	31.16	46.00	-14.84	QP	100	114	
5	863.2300	-2.32	44.82	42.50	46.00	-3.50	QP	100	35	
6	887.4800	-2.14	45.64	43.50	46.00	-2.50	QP	100	220	
7	928.2200	-1.19	111.73	110.54	46.00	64.54	peak	100	0	TX

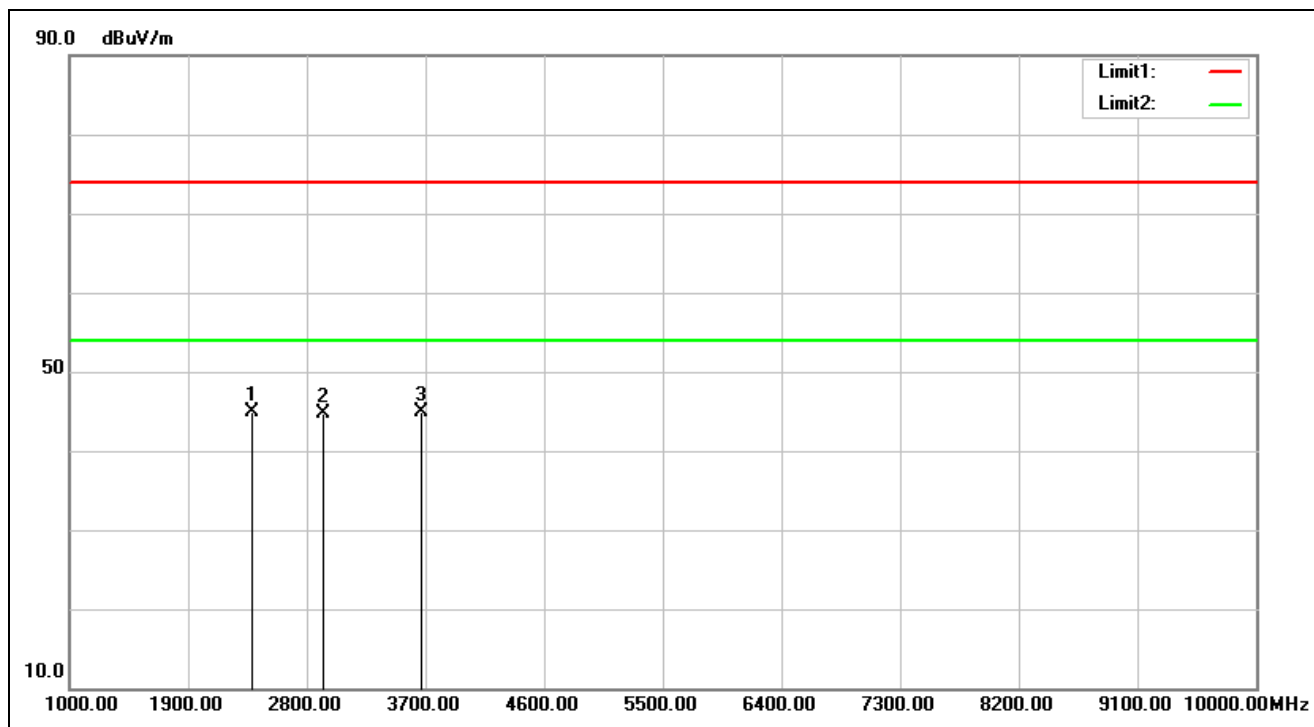
Spurious Emissions, RX Mode, 1-10G (Built-in Antenna)



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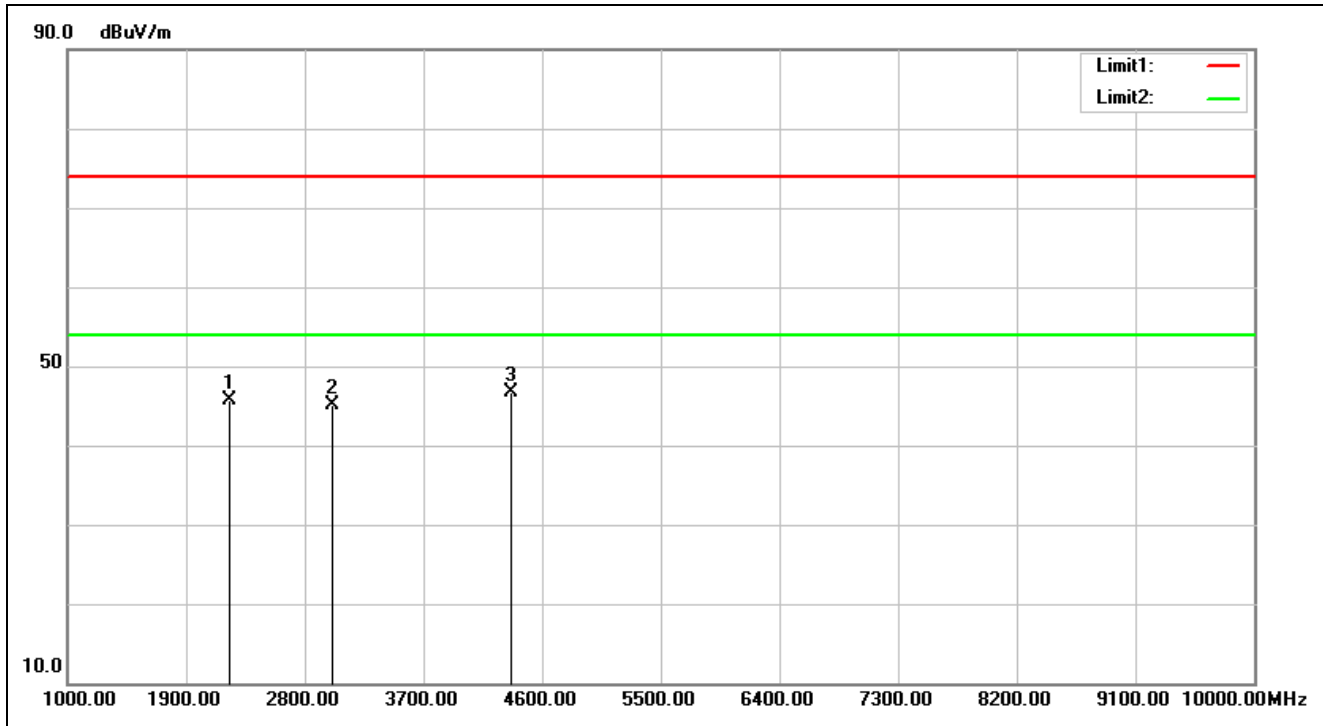
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/3 20:31:25
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	21(°C)/61%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	RX 915MHz		
Remark:	Built-in		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2386.000	-7.73	52.59	44.86	74.00	-29.14	peak	100	73	
2	2926.000	-6.80	51.49	44.69	74.00	-29.31	peak	100	155	
3	3664.000	-5.96	50.90	44.94	74.00	-29.06	peak	100	125	



Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/3 20:32:28
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	RX 915MHz		
Remark:	Built-in		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2233.000	-7.89	53.57	45.68	74.00	-28.32	peak	100	16	
2	3007.000	-6.65	51.74	45.09	74.00	-28.91	peak	100	360	
3	4366.000	-3.98	50.59	46.61	74.00	-27.39	peak	100	136	

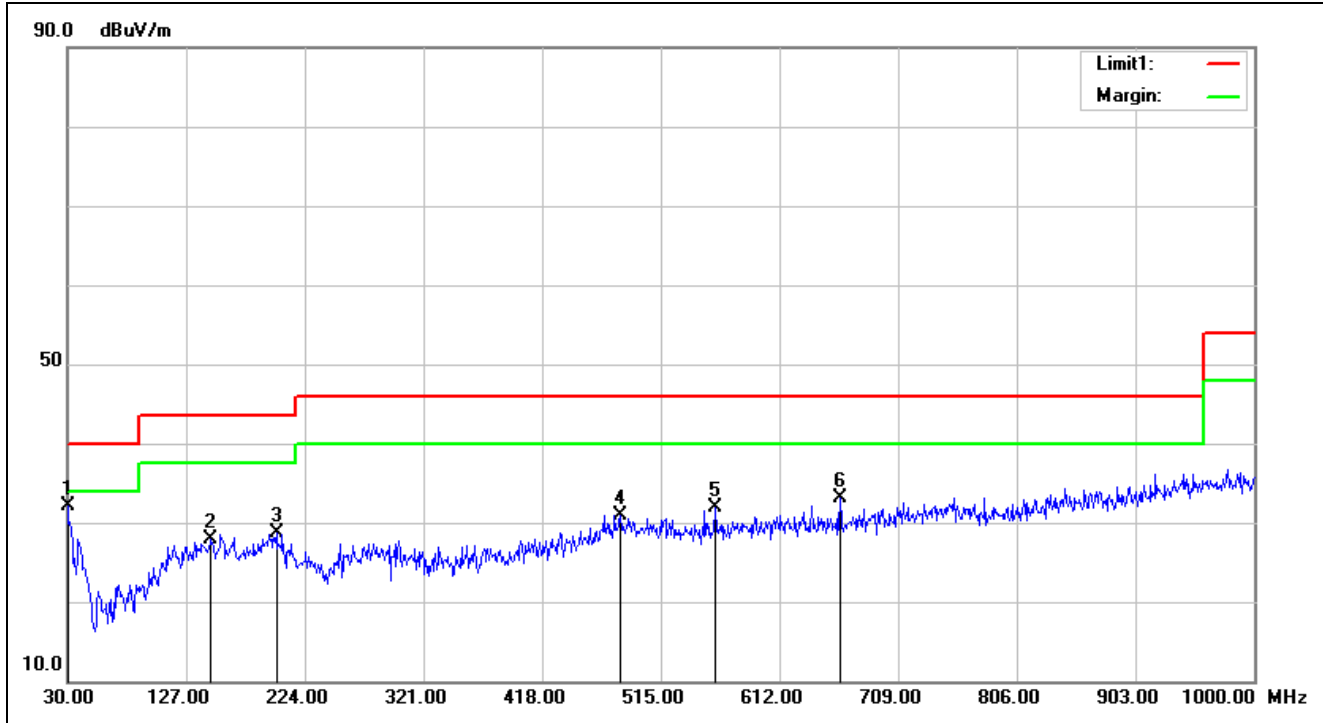
Spurious Emissions, RX Mode, 30M-1G (Built-in Antenna)



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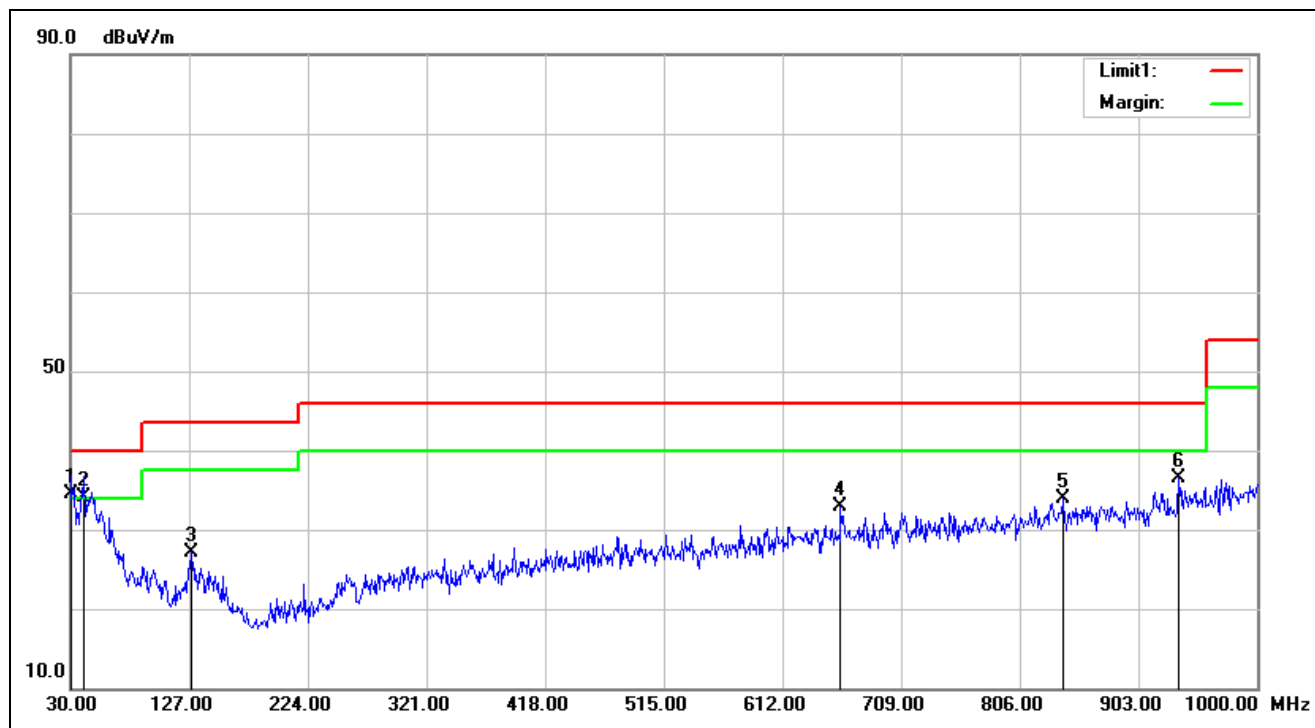
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Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/3 20:44:44
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	21(°C)/61%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	RX 915MHz		
Remark:	Built-in		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-5.85	38.03	32.18	40.00	-7.82	QP	100	66	
2	147.3700	-13.09	40.94	27.85	43.50	-15.65	QP	100	5	
3	200.7200	-14.73	43.39	28.66	43.50	-14.84	QP	100	337	
4	482.0200	-7.57	38.55	30.98	46.00	-15.02	QP	100	280	
5	559.6200	-6.80	38.65	31.85	46.00	-14.15	QP	100	241	
6	661.4700	-5.31	38.51	33.20	46.00	-12.80	QP	100	78	

Spurious Emissions, RX Mode, 30M-1G



Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/3 20:51:31
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	21(°C)/61%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	RX 915MHz		
Remark:	Built-in		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-5.85	40.35	34.50	40.00	-5.50	QP	100	333	
2	40.6700	-11.86	45.96	34.10	40.00	-5.90	QP	100	360	
3	128.9400	-12.69	39.70	27.01	43.50	-16.49	QP	100	182	
4	659.5300	-5.32	38.27	32.95	46.00	-13.05	QP	100	6	
5	840.9200	-2.65	36.53	33.88	46.00	-12.12	QP	100	127	
6	935.9800	-0.95	37.38	36.43	46.00	-9.57	QP	100	24	

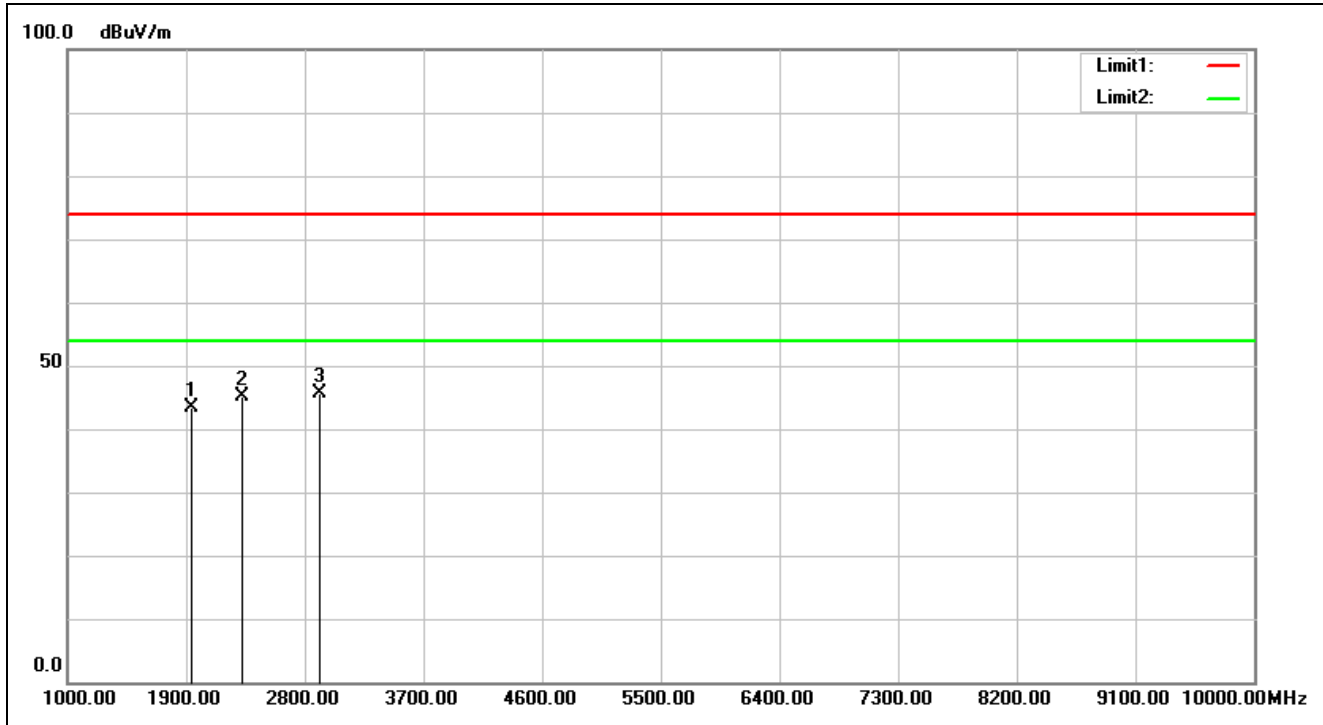
Spurious Emissions, RX Mode, 1M-10G (External Antenna)



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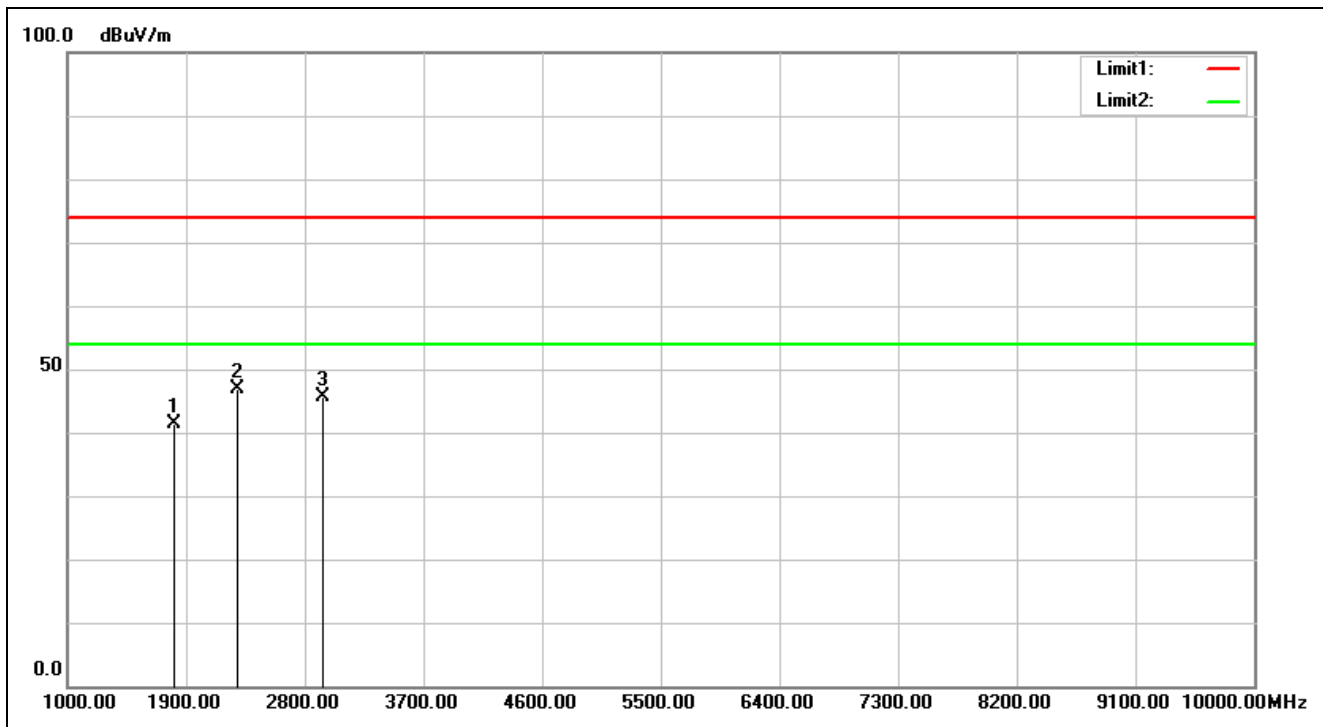
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Service No.:	114039975_FCC_tmp	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/1/25 20:41:04
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%):	17.5(°C)/63%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	RX 915MHz		
Remark:	Ext		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1945.000	-8.45	51.94	43.49	74.00	-30.51	peak	100	17	
2	2323.000	-7.81	52.91	45.10	74.00	-28.90	peak	100	203	
3	2908.000	-6.84	52.36	45.52	74.00	-28.48	peak	100	0	

Spurious Emissions, RX Mode, 30M-1G



Service No.:	114039975_FCC_tmp	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/1/25 20:42:06
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	17.5(°C)/63%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	RX 915MHz		
Remark:	Ext		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1810.000	-9.28	50.76	41.48	74.00	-32.52	peak	100	13	
2	2287.000	-7.84	54.68	46.84	74.00	-27.16	peak	100	226	
3	2935.000	-6.79	52.44	45.65	74.00	-28.35	peak	100	152	

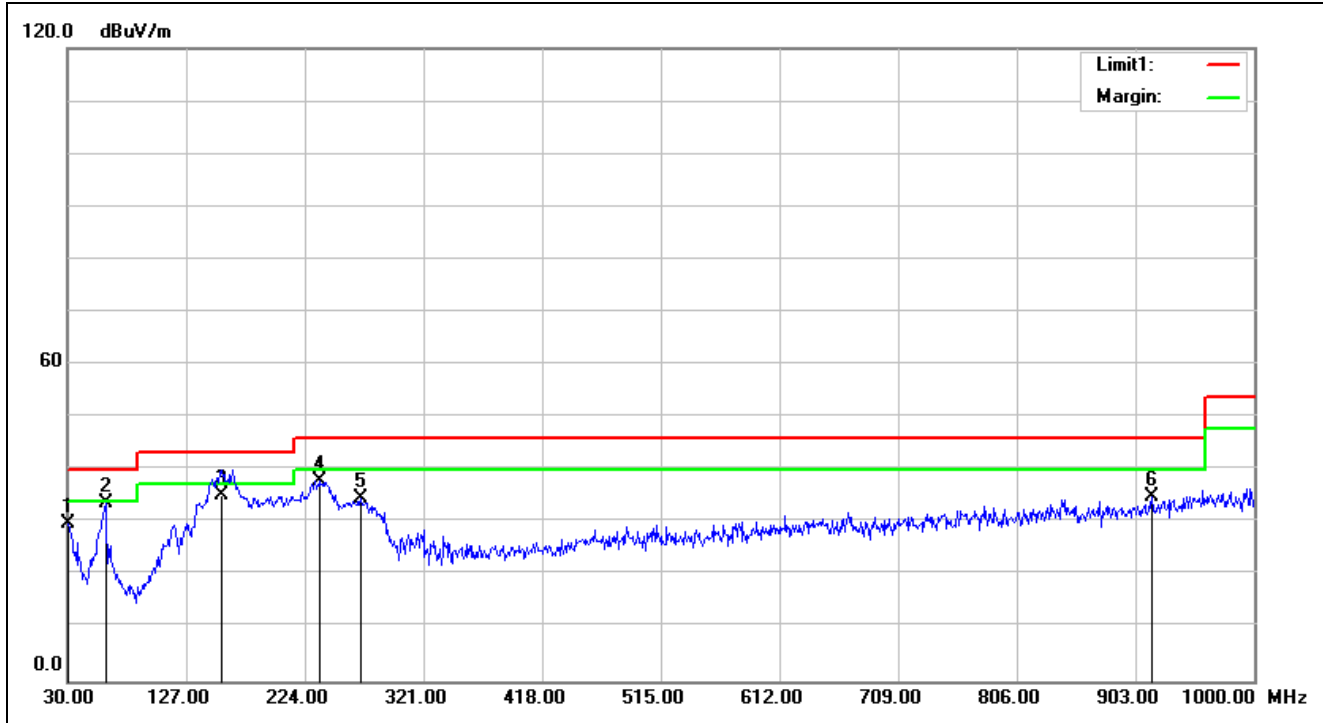
Spurious Emissions, RX Mode, 30M-1G (External Antenna)



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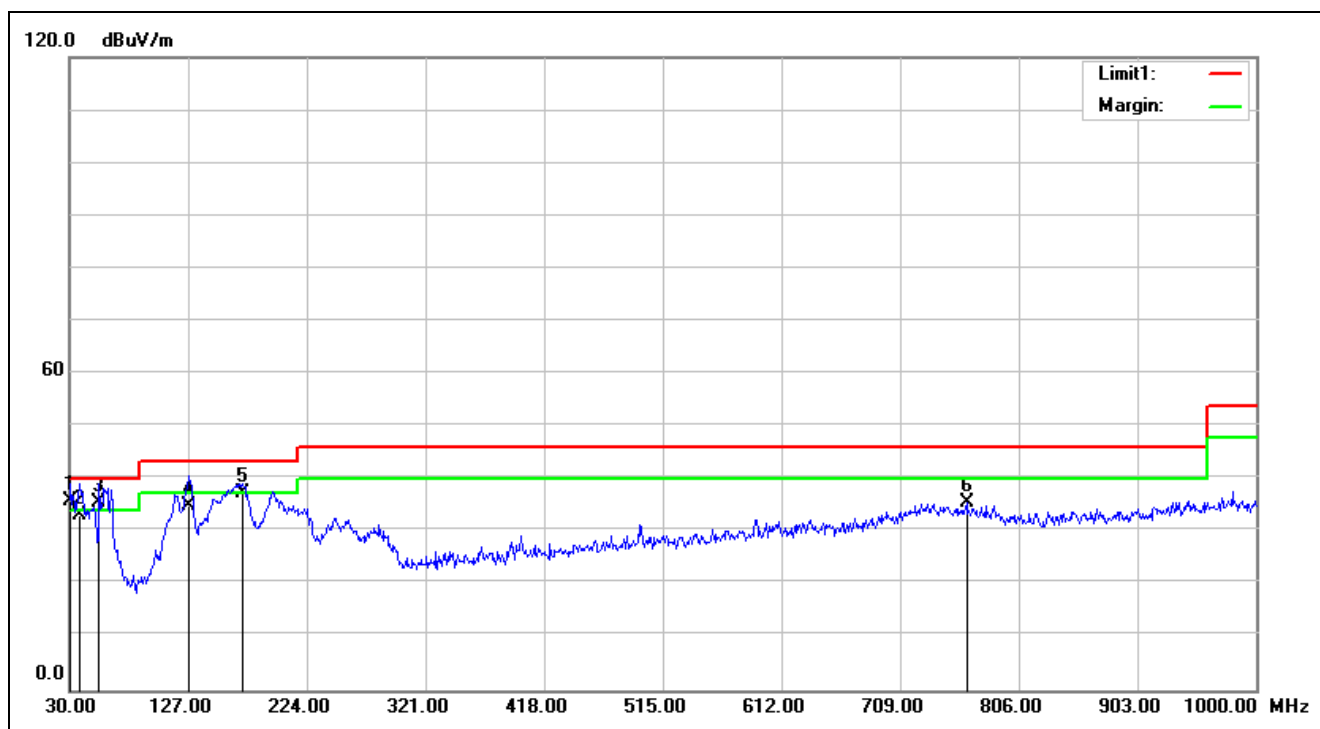
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Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/11 10:07:54
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	20(°C)/59%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	RX 915MHz		
Remark:	Ext		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-5.85	35.67	29.82	40.00	-10.18	QP	100	87	
2	61.0400	-19.64	53.42	33.78	40.00	-6.22	QP	100	222	
3	156.1000	-13.63	49.03	35.40	43.50	-8.10	QP	100	45	
4	235.6400	-13.09	51.18	38.09	46.00	-7.91	QP	100	235	
5	269.5900	-11.33	46.13	34.80	46.00	-11.20	QP	100	238	
6	916.5800	-1.54	36.50	34.96	46.00	-11.04	QP	100	127	

Spurious Emissions, Mains, 150kHz - 30MHz



Service No.:	114039975_FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/11 10:09:20
Applicant:	SHUN HU	Test Rating:	AC 120V/60Hz
Product:	Wireless module	Temp.(°C)/Hum.(%)	20(°C)/59%
Model No.:	RF-434LNA-915	Test Engineer:	Sam Su
Test Mode:	RX 915MHz		
Remark:	Ext		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.9700	-6.39	42.39	36.00	40.00	-4.00	QP	100	200	
2	38.7300	-10.76	43.86	33.10	40.00	-6.90	QP	100	198	
3	54.2500	-18.23	53.73	35.50	40.00	-4.50	QP	100	220	
4	127.0000	-12.77	47.77	35.00	43.50	-8.50	QP	100	35	
5	171.6200	-14.97	52.37	37.40	43.50	-6.10	QP	100	5	
6	763.3200	-3.98	39.43	35.45	46.00	-10.55	QP	100	127	