

# Test Report No.50049530 001

## Appendix D: Radiated Spurious Emission Data

(File: 50049530AppendixD)

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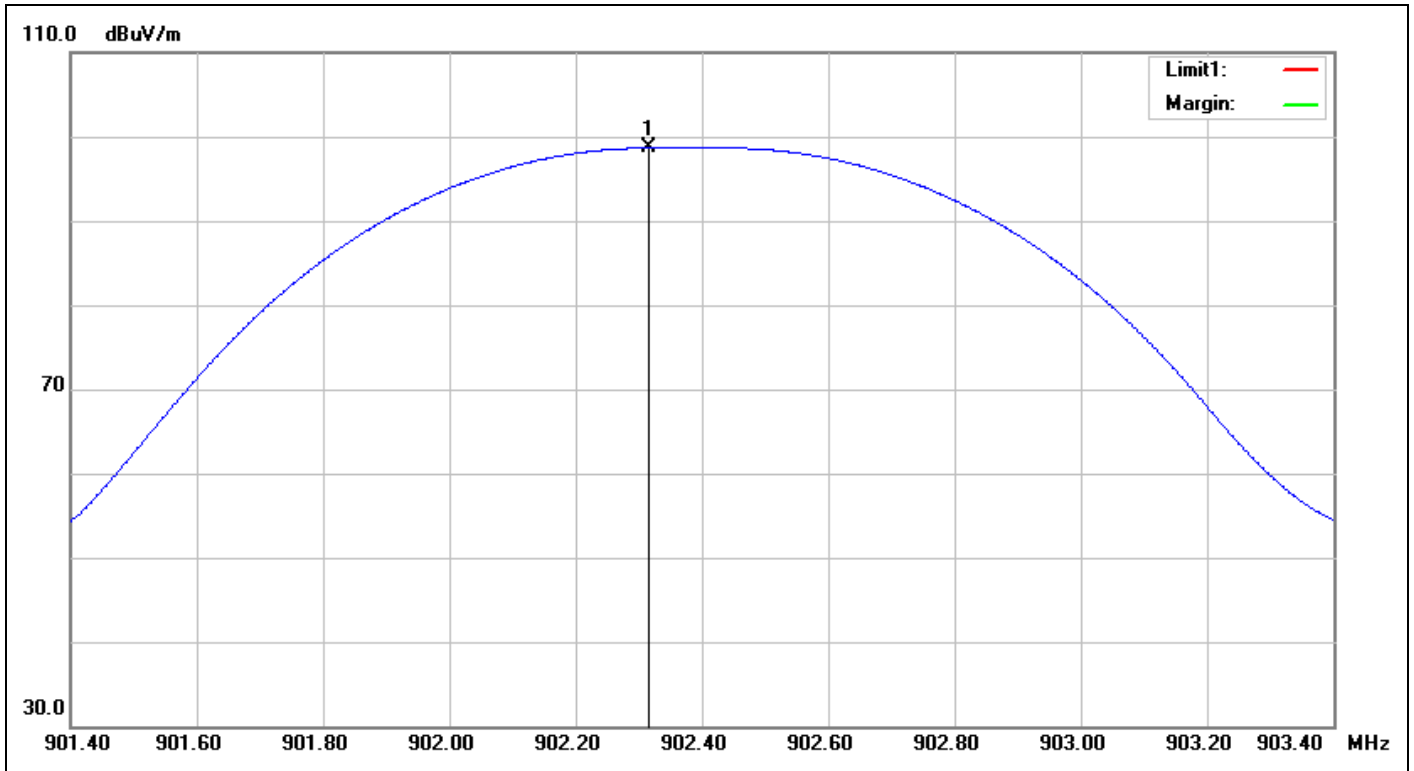
# Emissions, Fundamental



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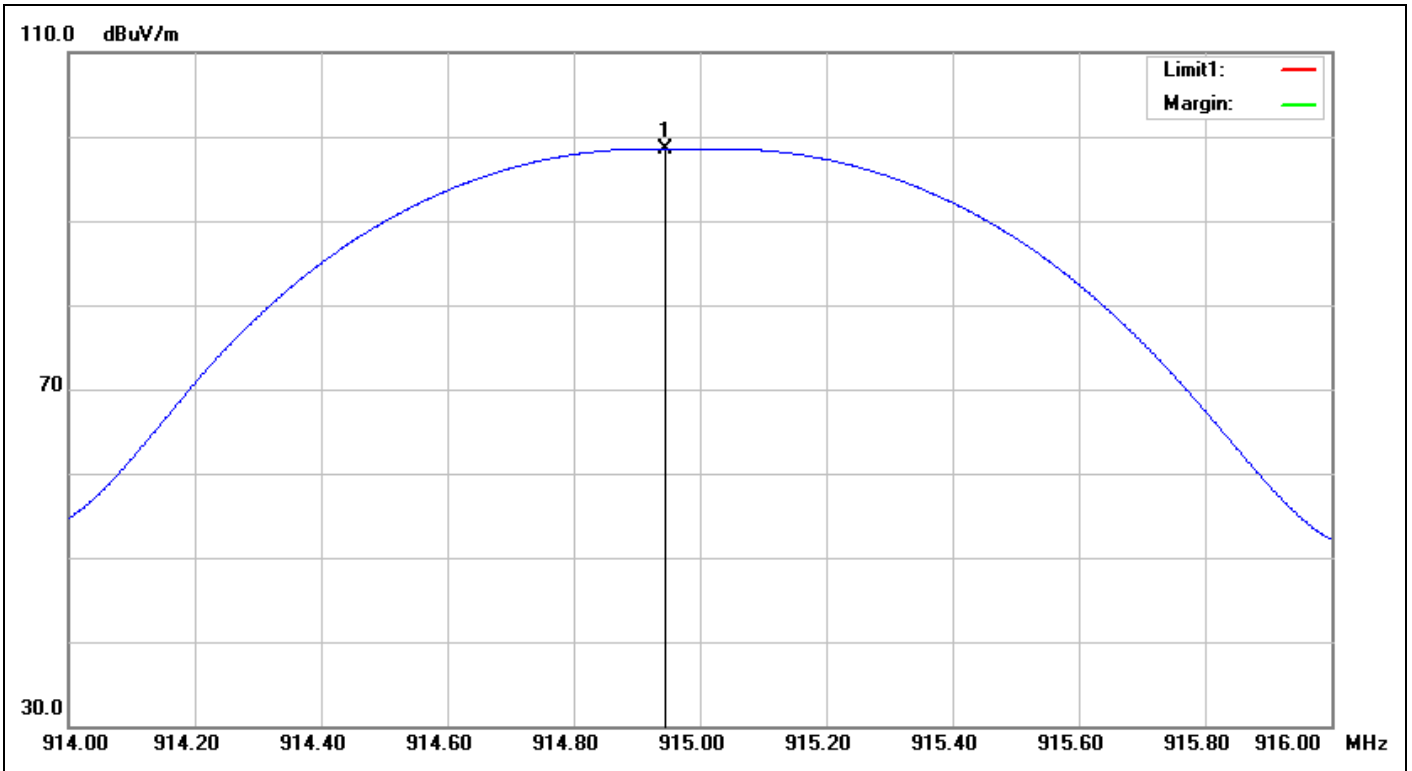
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



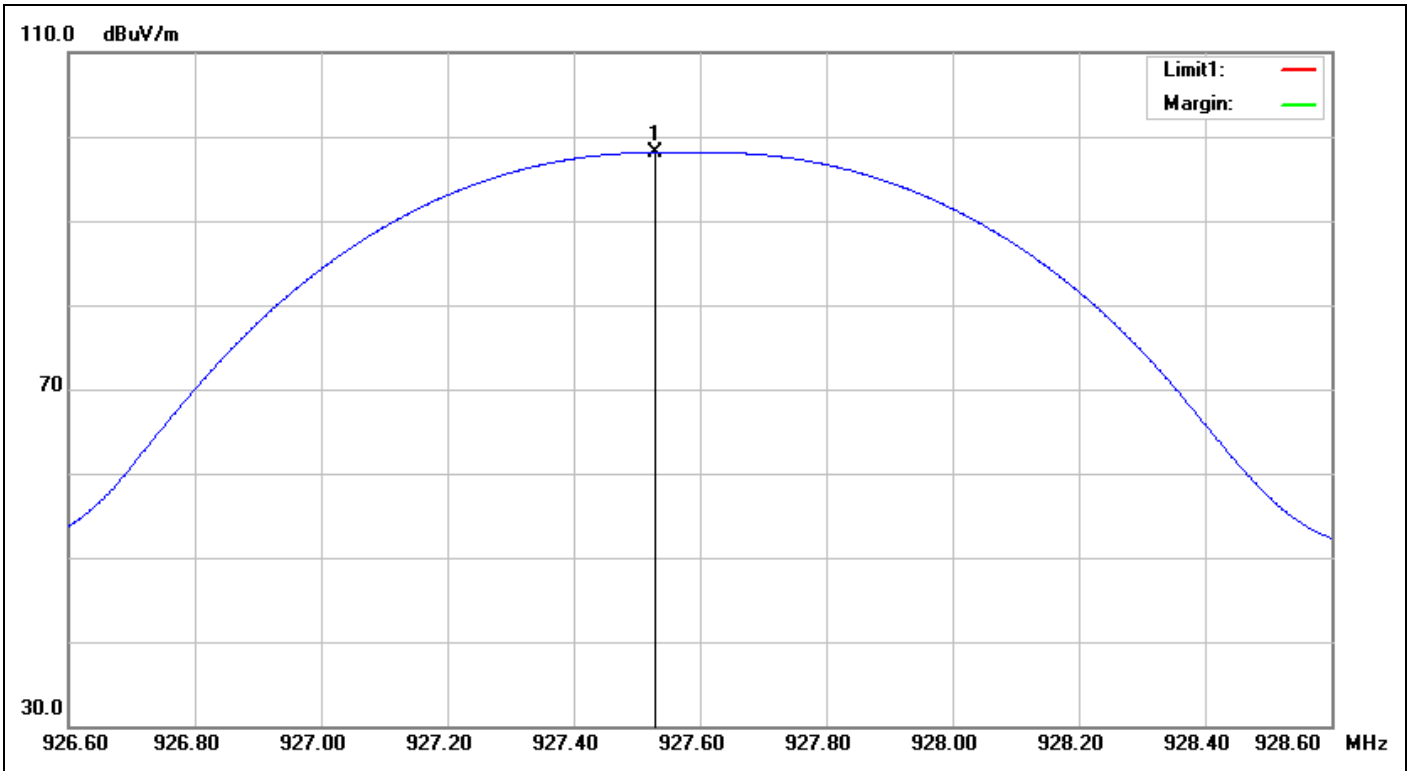
<b>Service No.:</b>	114052648-FCC	<b>Test Distance:</b>	3m
<b>Test Standard:</b>		<b>Ant. Polarization:</b>	Vertical
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2016/7/11 13:34:30
<b>Applicant:</b>	Nedap	<b>Test Rating:</b>	DC 3.6V
<b>Product:</b>	Wireless Space Count System	<b>Temp.(°C)/Hum.(%):</b>	24.8(°C)/50%
<b>Model No.:</b>	SENSIT IR US	<b>Test Engineer:</b>	George Yang
<b>Test Mode:</b>	902.4MHz-Fundamental		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Det.	Height (cm)	Azimuth (°)	Remark
1	902.3140	-1.98	100.64	98.66	peak	100	213	



<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>		<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 13:55:25</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT IR US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>915.2MHz-Fundamental</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)			Det.	Height (cm)	Azimuth (°)	Remark
1	914.9440	-1.59	100.18	98.59			peak	100	285	



<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>		<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 14:11:03</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT IR US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>927.6MHz-Fundamental</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Det.	Height (cm)	Azimuth (°)	Remark
1	927.5280	-1.20	99.33	98.13	peak	100	288	

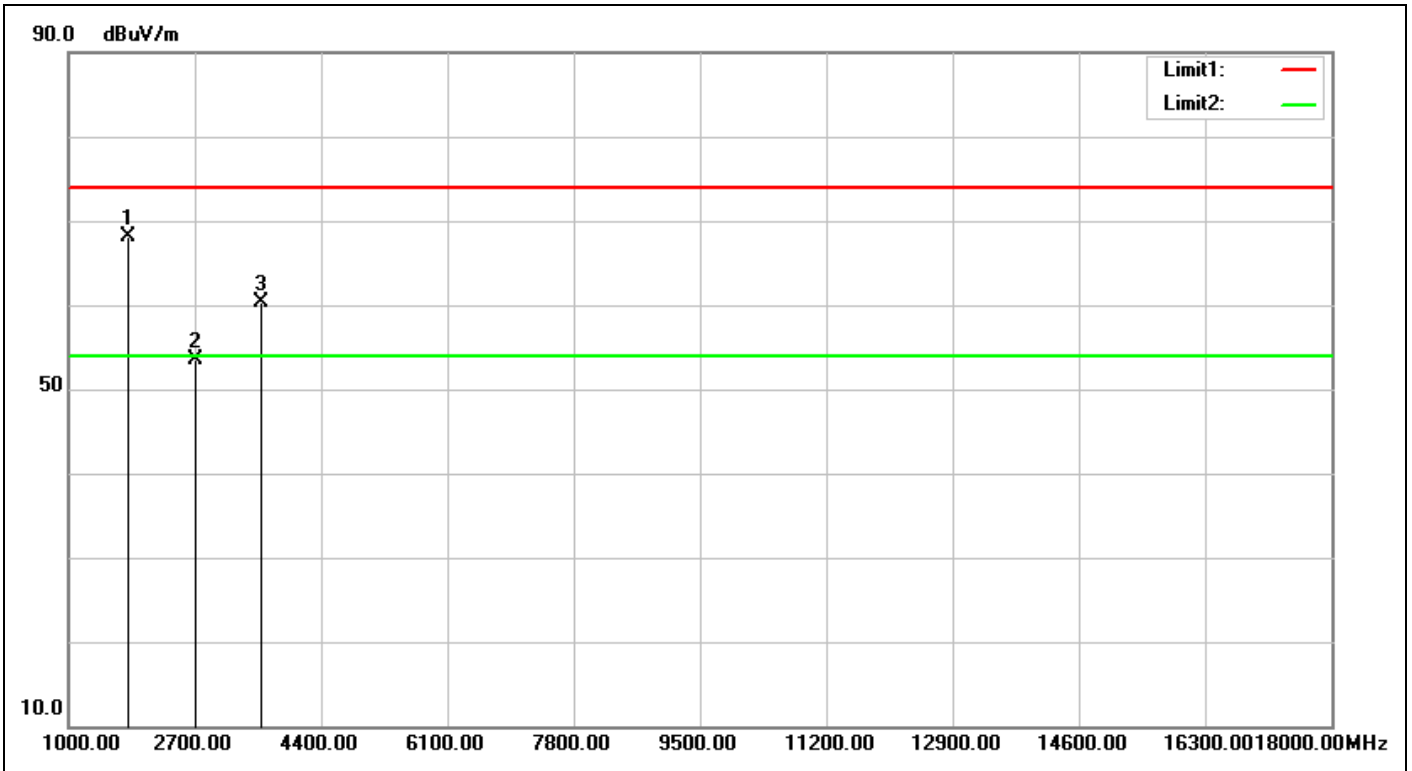
# Spurious Emissions, TX Mode, 1-18G



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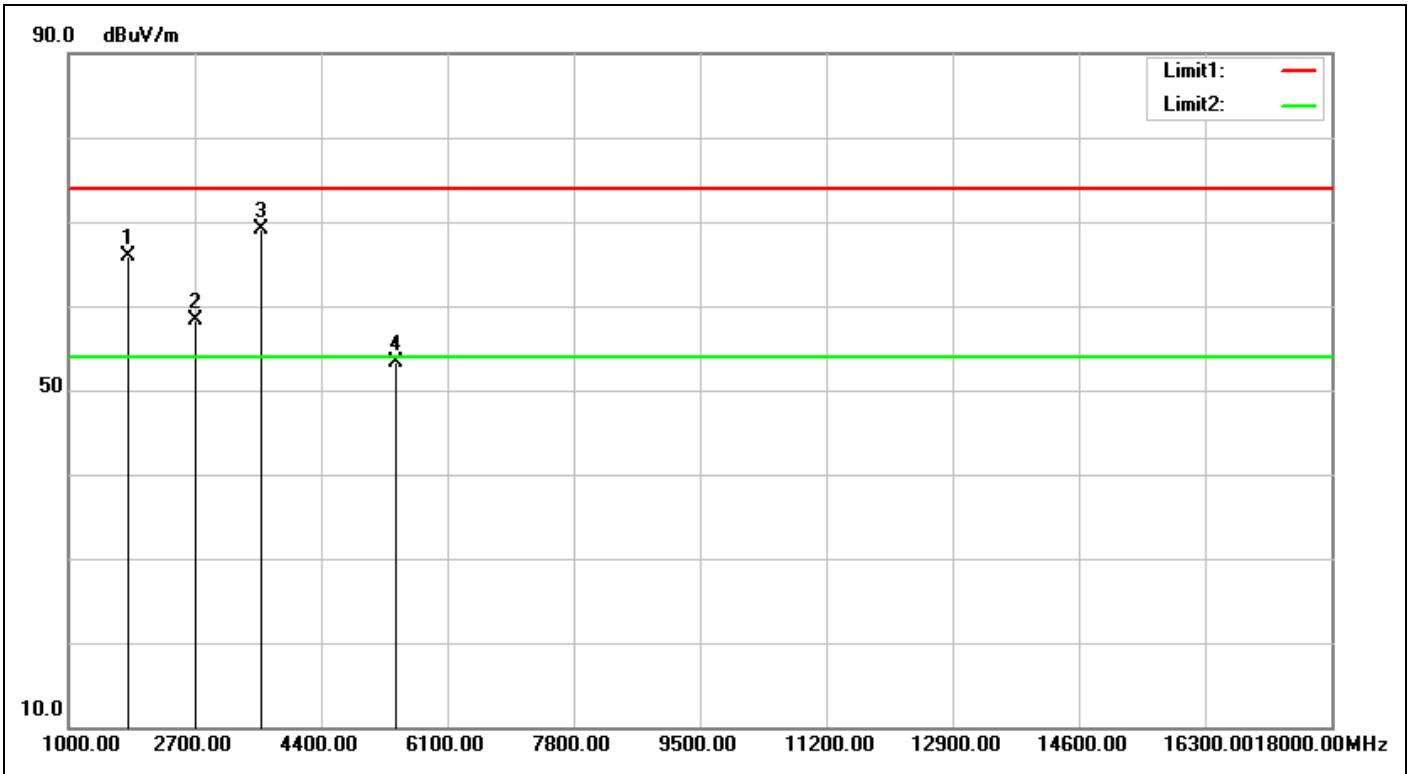
Tel:+886-2172-7000 fax:+886-2528-0018



<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 15:12:38</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT IR US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>902.4MHz-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1804.800	-9.34	77.35	68.01	78.66	-10.65	peak	100	72	Limit:-20dBc
2	2707.200	-7.61	61.10	53.49	74.00	-20.51	peak	100	69	
3	3609.600	-6.36	66.69	60.33	74.00	-13.67	peak	100	66	

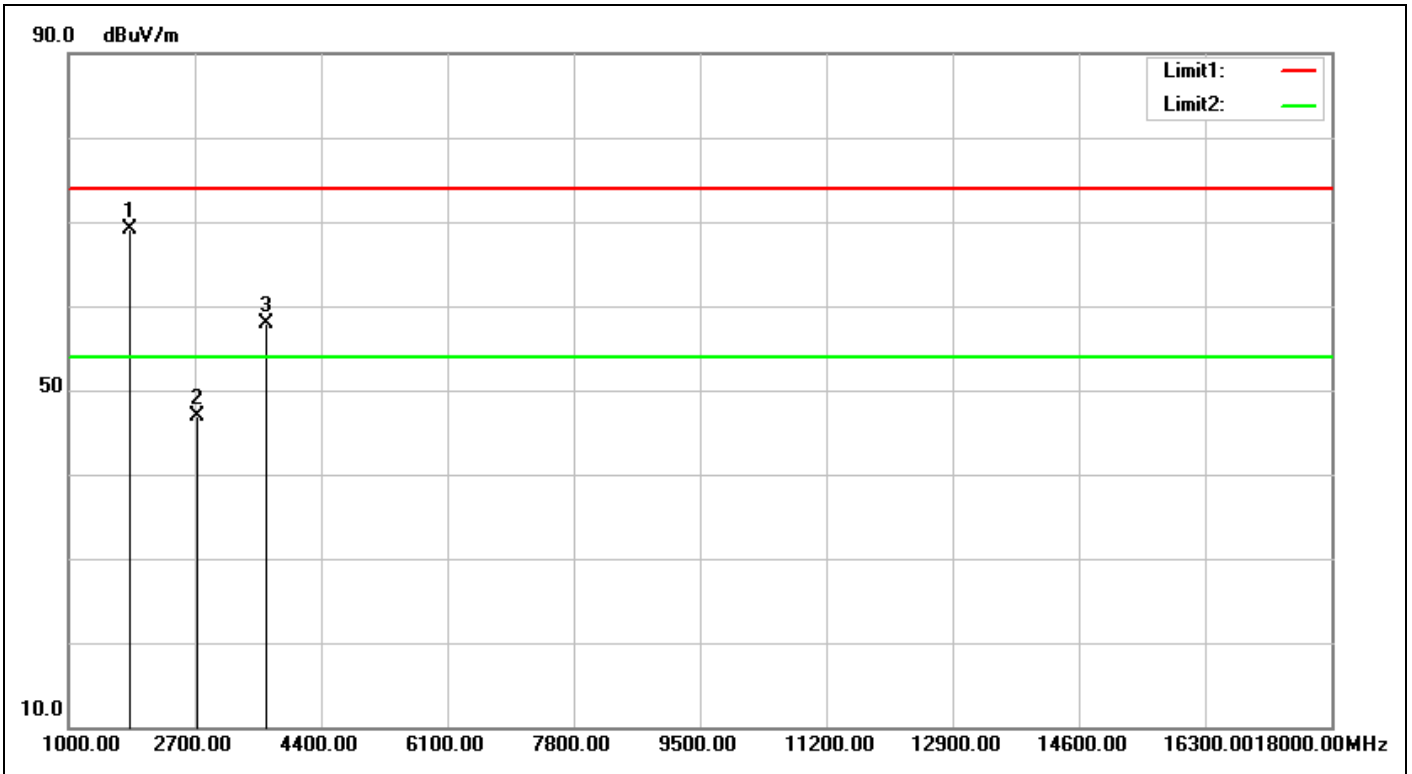
Frequency (MHz)	Duty Cycle F. dB	Peak Level (dBuV)	AV Level (dBuV)	Limit (dBuV/m)	Margin (dB)	Remark
2707.200	-28	53.49	25.49	54	-28.51	
3609.600	-28	60.33	32.33	54	-15.69	



<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 15:13:40</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT IR US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>902.4MHz-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1804.800	-9.34	75.30	65.96	78.66	-12.7	peak	100	177	Limit:-20dBc
2	2707.200	-7.61	65.94	58.33	74.00	-15.67	peak	100	205	
3	3609.600	-6.36	75.49	69.13	74.00	-4.87	peak	100	164	
4	5414.400	-1.05	54.42	53.37	74.00	-20.63	peak	100	249	Limit:-20dBc

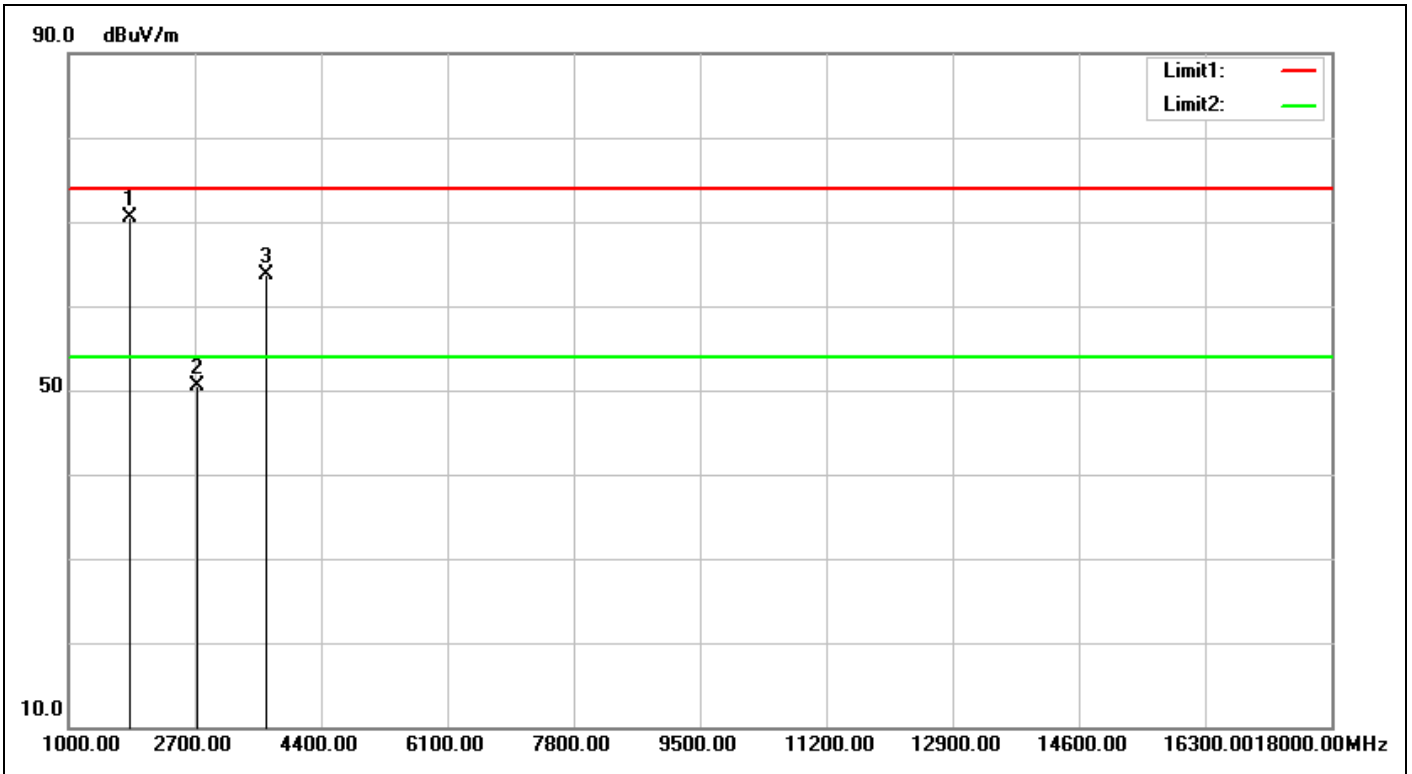
Frequency (MHz)	Duty Cycle F. dB	Peak Level (dBuV)	AV Level (dBuV)	Limit (dBuV/m)	Margin (dB)	Remark
2707.200	-28	58.33	30.33	54	-23.67	
3609.600	-28	53.37	25.37	54	-22.65	



<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 15:46:49</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT IR US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>915.2MHz-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1830.400	-9.18	78.25	69.07	78.59	-9.52	peak	100	246	Limit:-20dBc
2	2745.600	-7.55	54.37	46.82	74.00	-27.18	peak	100	186	
3	3660.800	-6.26	64.14	57.88	74.00	-16.12	peak	100	111	

Frequency (MHz)	Duty Cycle F. dB	Peak Level (dBuV)	AV Level (dBuV)	Limit (dBuV/m)	Margin (dB)	Remark
3660.800	-28	57.88	29.88	54	-18.14	

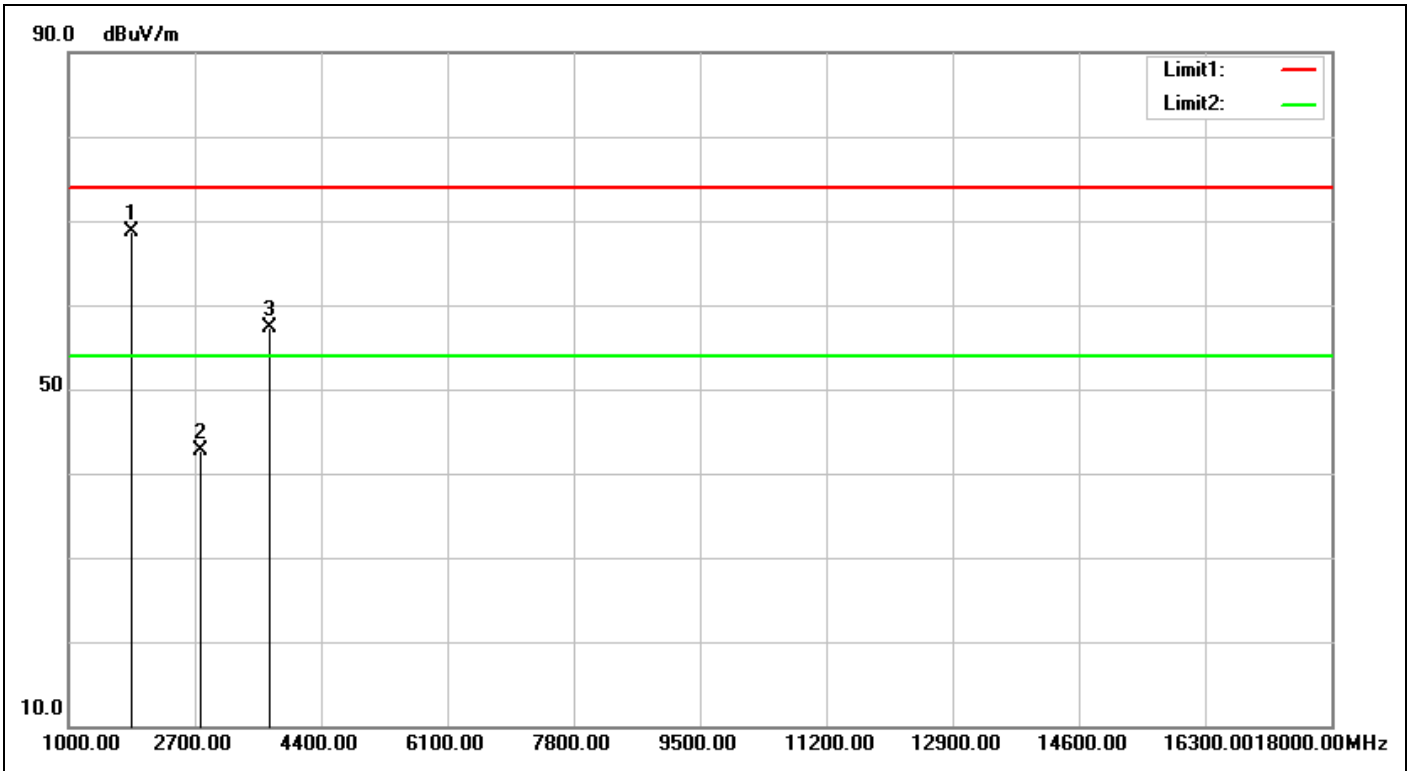


<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 15:47:52</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT IR US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>915.2MHz-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1830.400	-9.18	79.76	70.58	78.59	-8.01	peak	100	8	Limit:-20dBc
2	2745.600	-7.55	58.13	50.58	74.00	-23.42	peak	100	47	
3	3660.800	-6.26	70.01	63.75	74.00	-10.25	peak	100	329	

Frequency (MHz)	Duty Cycle F. dB	Peak Level (dBuV)	AV Level (dBuV)	Limit (dBuV/m)	Margin (dB)	Remark
3660.800	-28	63.75	35.75	54	-12.27	

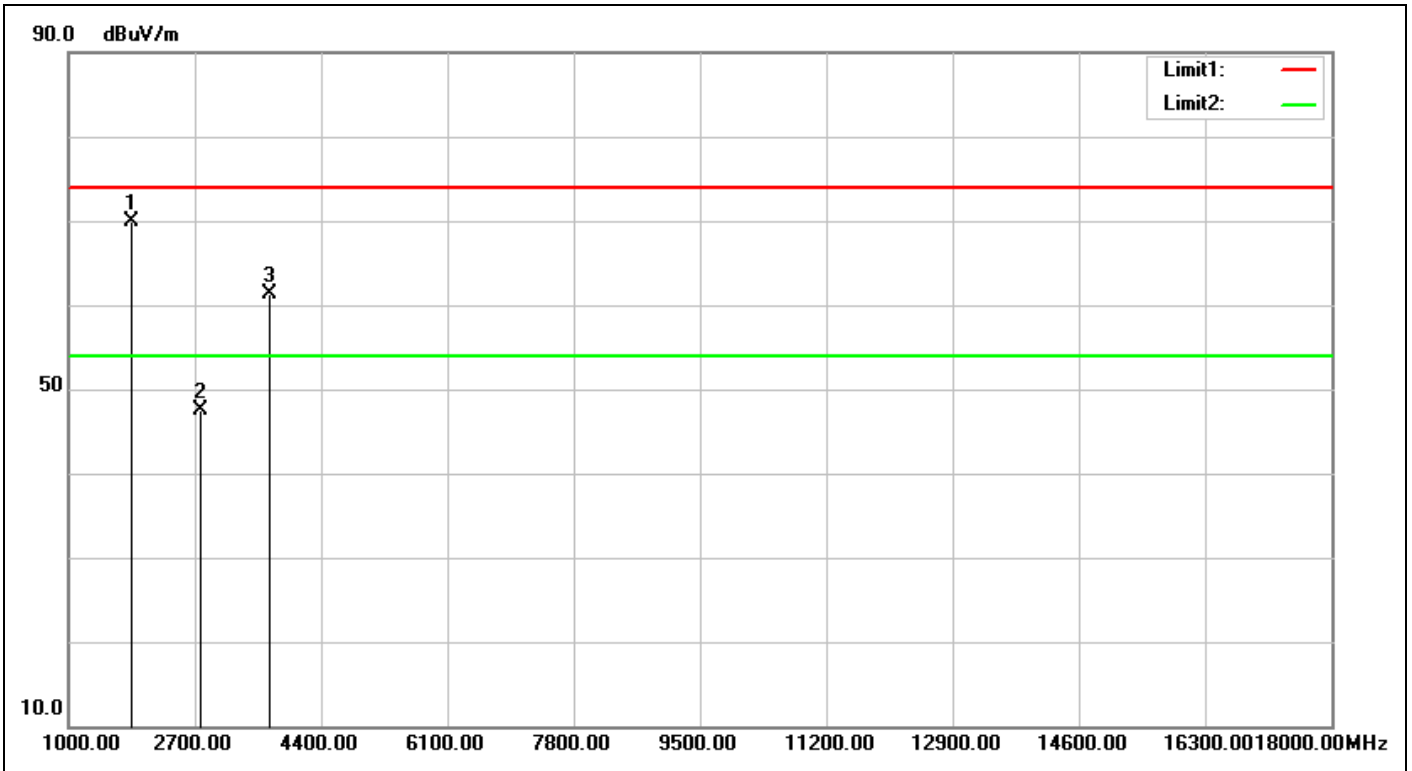




<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 15:32:43</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT IR US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>927.6MHz-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1855.200	-9.03	77.69	68.66	78.13	-9.47	peak	100	48	Limit:-20dBc
2	2782.800	-7.50	50.20	42.70	74.00	-31.30	peak			
3	3710.400	-6.18	63.56	57.38	74.00	-16.62	peak	100	67	

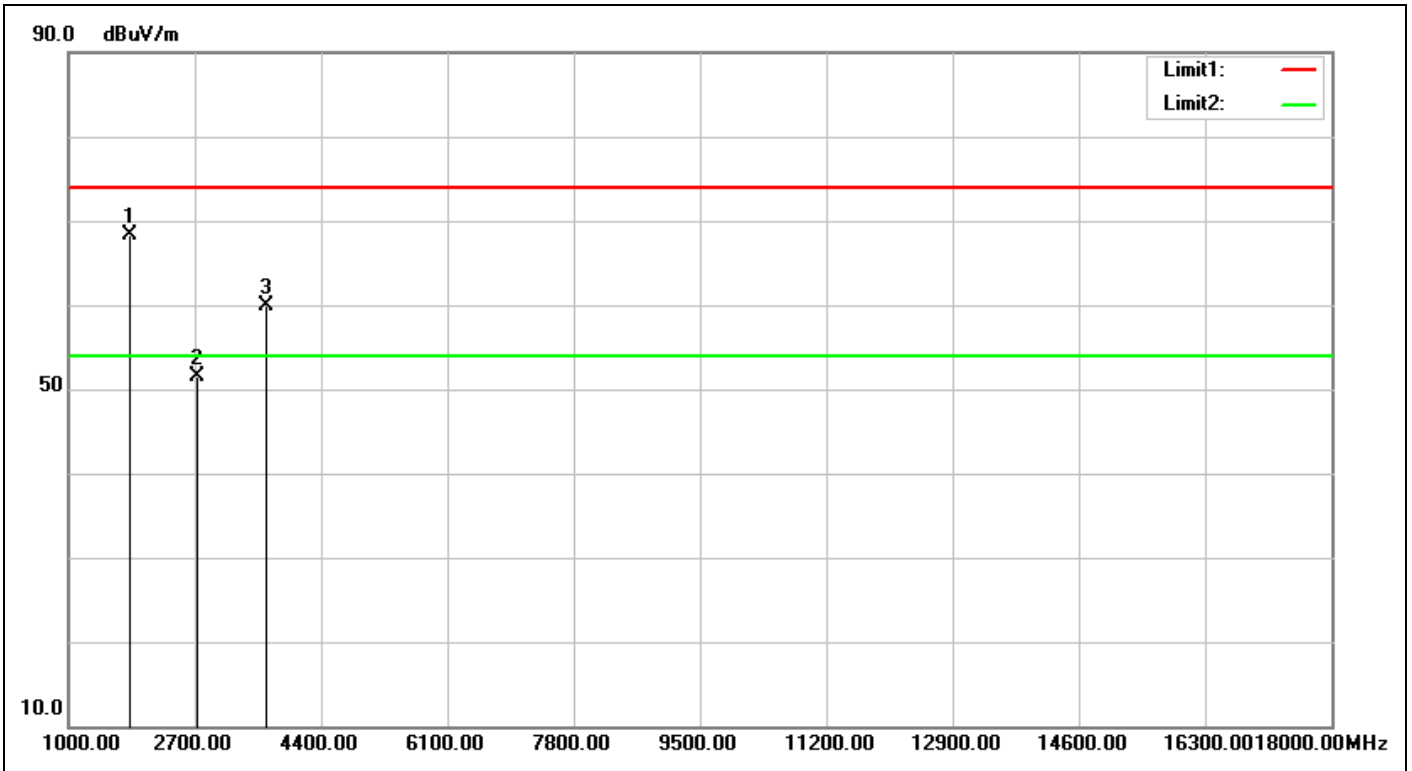
Frequency (MHz)	Duty Cycle F. dB	Peak Level (dBuV)	AV Level (dBuV)	Limit (dBuV/m)	Margin (dB)	Remark
3710.400	-28	57.38	29.38	54	-18.64	



<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 15:33:46</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT IR US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>927.6MHz-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1855.200	-9.03	78.84	69.81	78.13	-9.47	peak	100	177	Limit:-20dBc
2	2782.800	-7.50	54.95	47.45	74.00	-26.55	peak	100	221	
3	3710.400	-6.18	67.49	61.31	74.00	-12.69	peak	100	152	

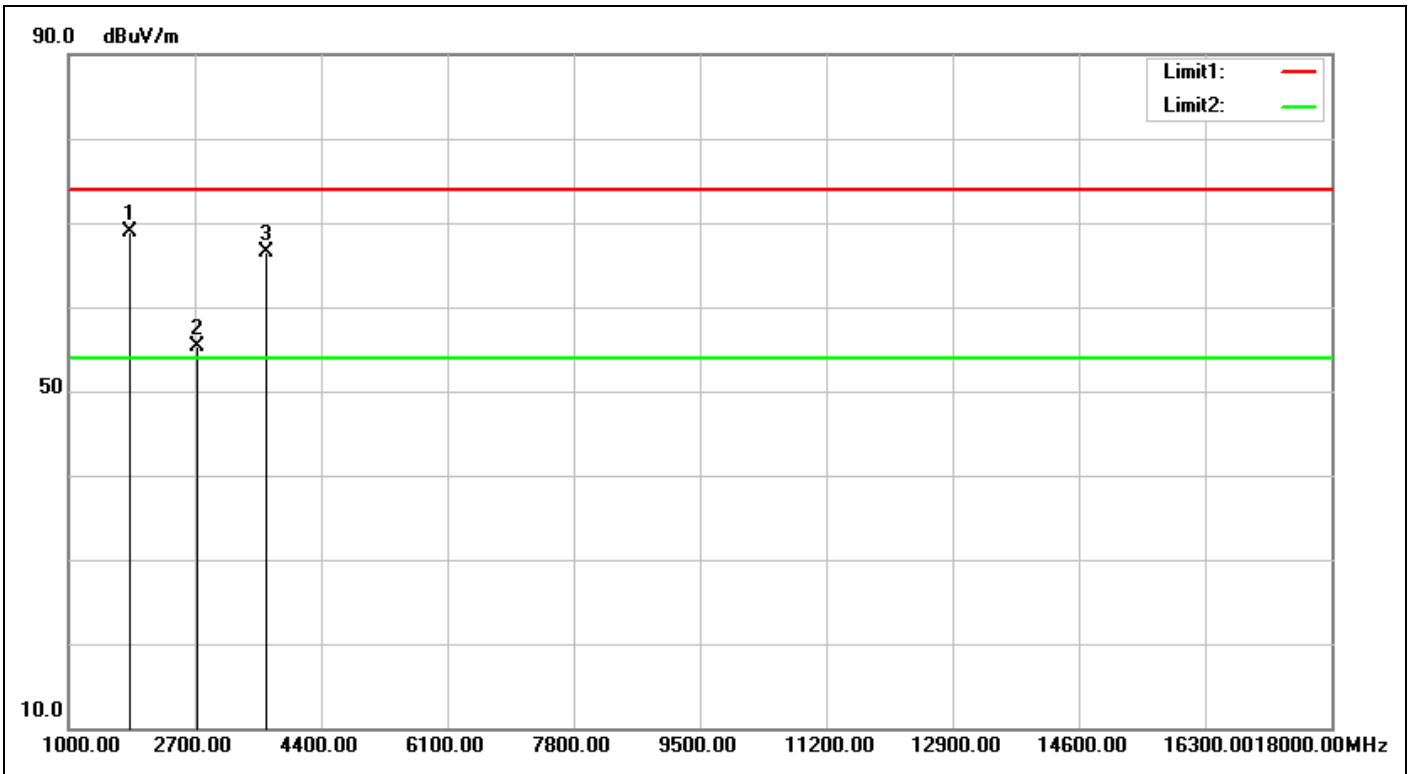
Frequency (MHz)	Duty Cycle F. dB	Peak Level (dBuV)	AV Level (dBuV)	Limit (dBuV/m)	Margin (dB)	Remark
3710.400	-28	61.31	33.31	54	-14.71	



<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 17:31:26</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT FLUSH MOUNT US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>915.2MHz-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1830.400	-9.18	77.53	68.35	74.00	-5.65	peak	100	53	
2	2745.600	-7.55	58.97	51.42	74.00	-22.58	peak	100	45	
3	3660.800	-6.26	66.22	59.96	74.00	-14.04	peak	100	272	

	Frequency (MHz)	Duty Cycle F. dB	Peak Level (dBuV)	AV Level (dBuV)	Limit (dBuV/m)	Margin (dB)	Remark
	1830.400	-28	68.35	40.35	54	-13.65	
	3660.800	-28	59.96	31.96	54	-22.04	



<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 17:29:52</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT FLUSH MOUNT US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>915.2MHz-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1830.400	-9.18	78.07	68.89	74.00	-5.11	peak	100	166	
2	2745.600	-7.55	62.90	55.35	74.00	-18.65	peak	100	227	
3	3660.800	-6.26	72.85	66.59	74.00	-7.41	peak	100	144	

	Frequency (MHz)	Duty Cycle F. dB	Peak Level (dBuV)	AV Level (dBuV)	Limit (dBuV/m)	Margin (dB)	Remark
1	1830.400	-28	68.89	40.89	54	-13.11	
2	2745.600	-28	55.35	27.35	54	-26.65	
3	3660.800	-28	66.59	38.59	54	-15.41	

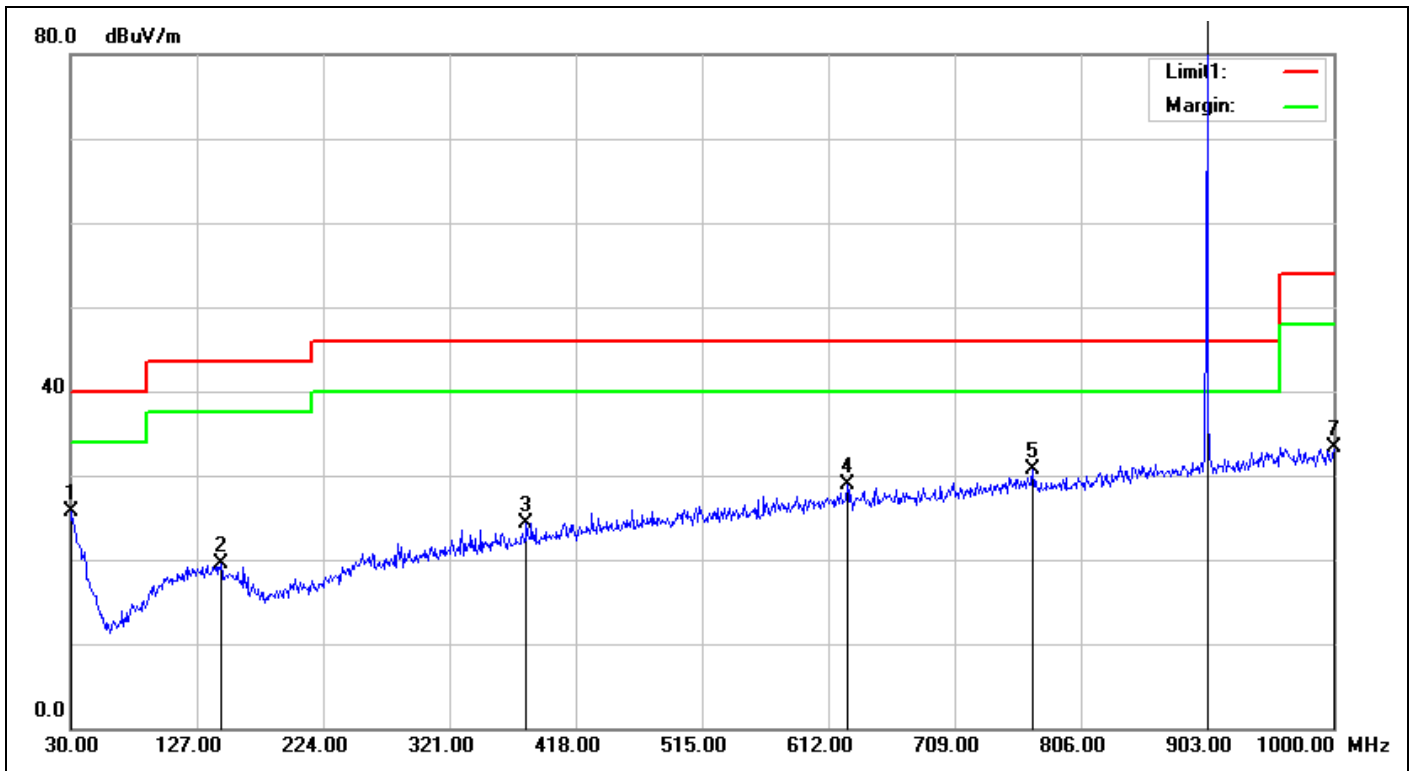
# Spurious Emissions, TX Mode, 30M-1G



**TUV Taiwan**

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

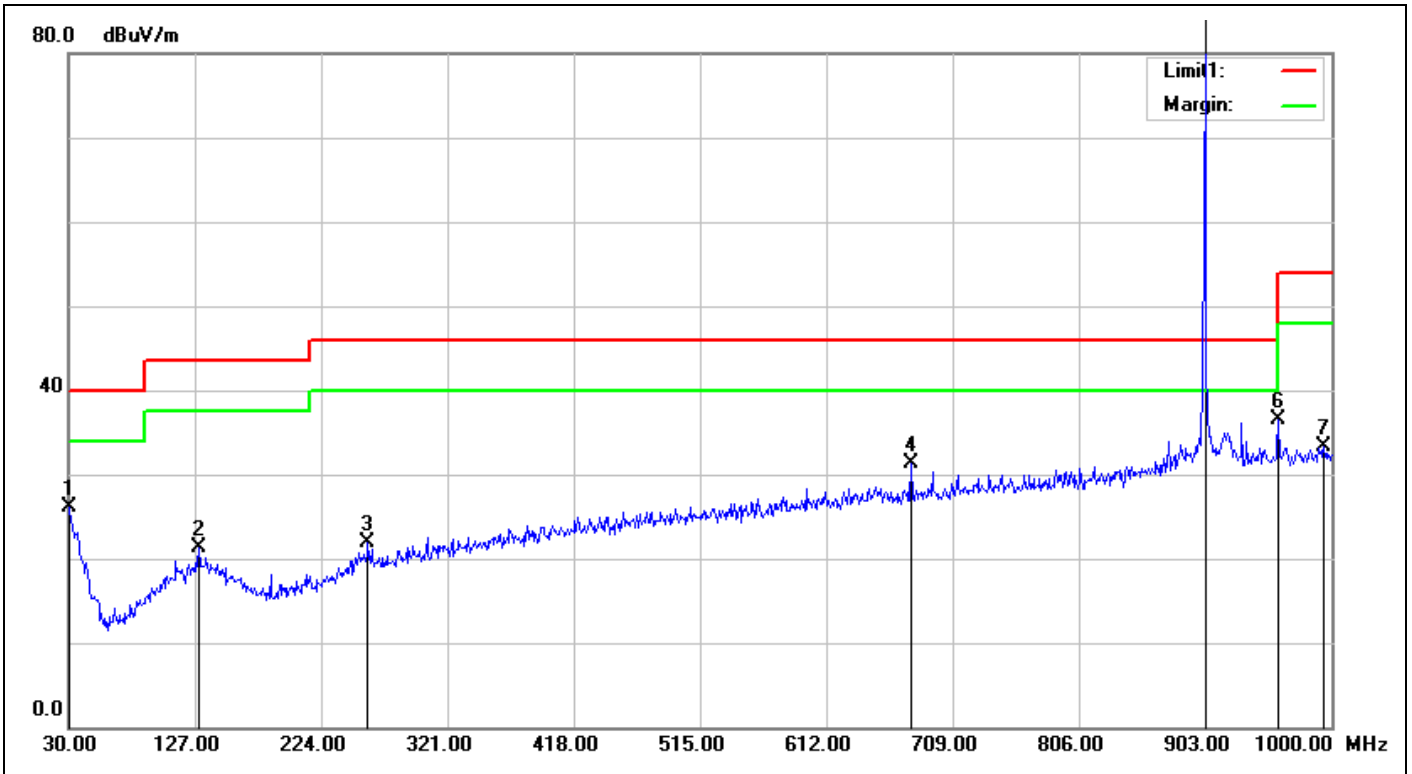
Tel:+886-2172-7000 fax:+886-2528-0018



<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Class B 3M Radiation</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 13:28:26</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT IR US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>902.4MHz-TX</b>		
<b>Remark:</b>			

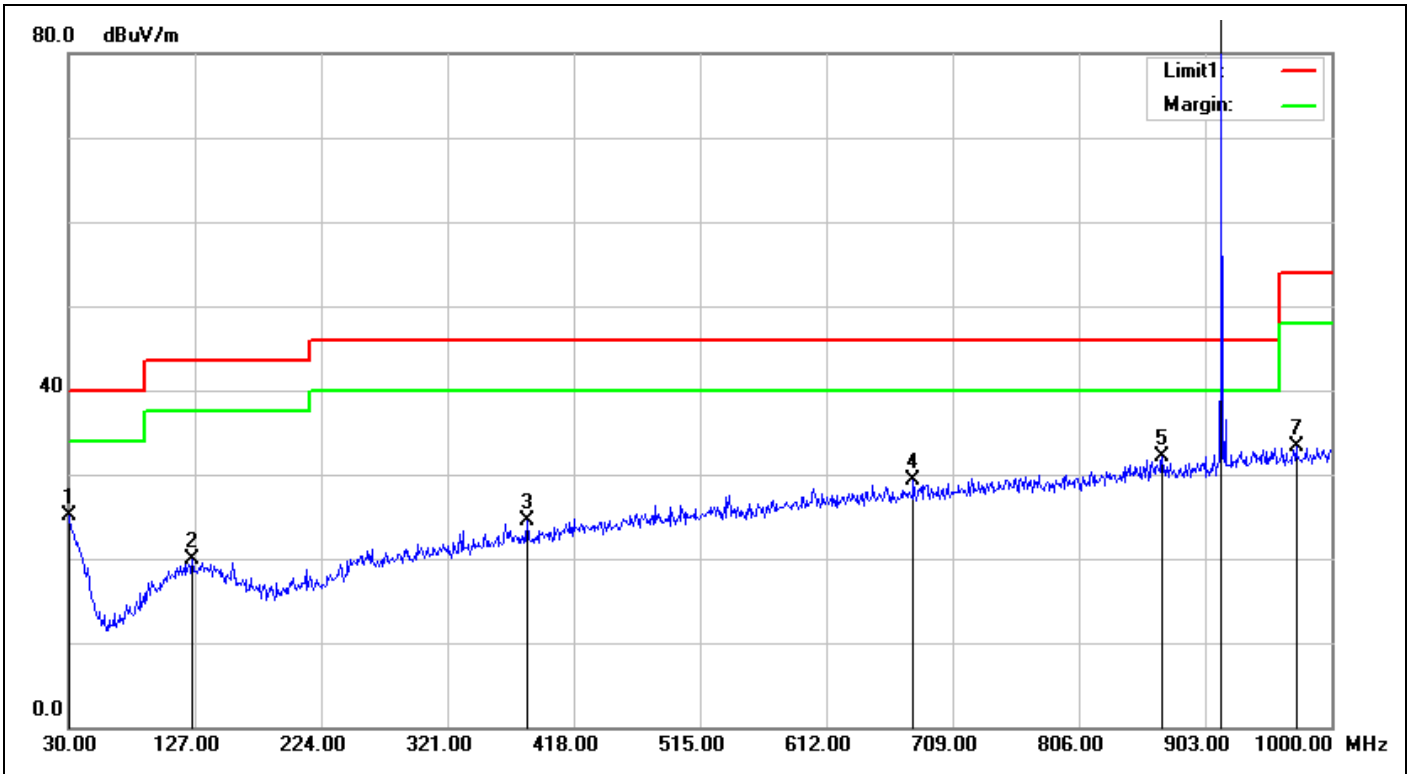
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.9699	-6.39	32.03	25.64	40.00	-14.36	QP	100	184	
2	145.4299	-13.00	32.49	19.49	43.50	-24.01	QP	100	298	
3	380.1700	-8.96	33.35	24.39	46.00	-21.61	QP	100	115	
4	626.5499	-5.67	34.48	28.81	46.00	-17.19	QP	100	184	
5	769.1399	-3.93	34.63	30.70	46.00	-15.30	QP	100	40	
6	903.0000	-1.95	93.08	91.13	46.00	45.13	QP	100	306	Fundamental
7	1000.0000	0.01	33.24	33.25	54.00	-20.75	QP	100	64	

# Spurious Emissions, TX Mode, 30M-1G



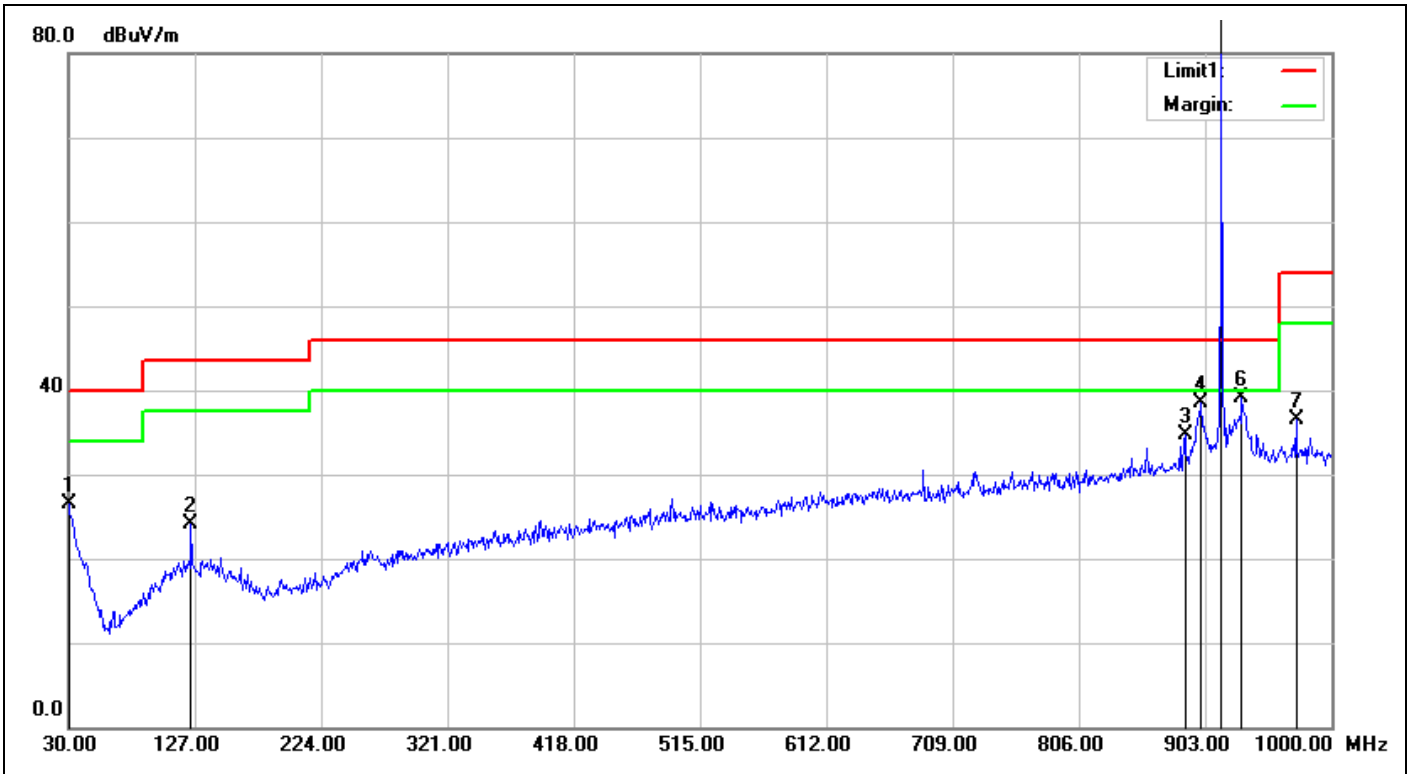
<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Class B 3M Radiation</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 13:29:29</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT IR US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>902.4MHz-TX</b>		
<b>Remark:</b>			

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	32.05	26.20	40.00	-13.80	QP	100	360	
2	129.9100	-12.66	33.98	21.32	43.50	-22.18	QP	100	158	
3	259.8900	-10.81	32.70	21.89	46.00	-24.11	QP	100	97	
4	676.9900	-5.21	36.47	31.26	46.00	-14.74	QP	100	75	
5	903.0000	-1.95	100.56	98.61	46.00	52.61	QP	100	285	Fundamental
6	959.2600	-0.41	36.97	36.56	46.00	-9.44	QP	100	1	
7	994.1800	-0.05	33.32	33.27	54.00	-20.73	QP	100	360	



<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Class B 3M Radiation</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 13:50:11</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT IR US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>915.2MHz-TX</b>		
<b>Remark:</b>			

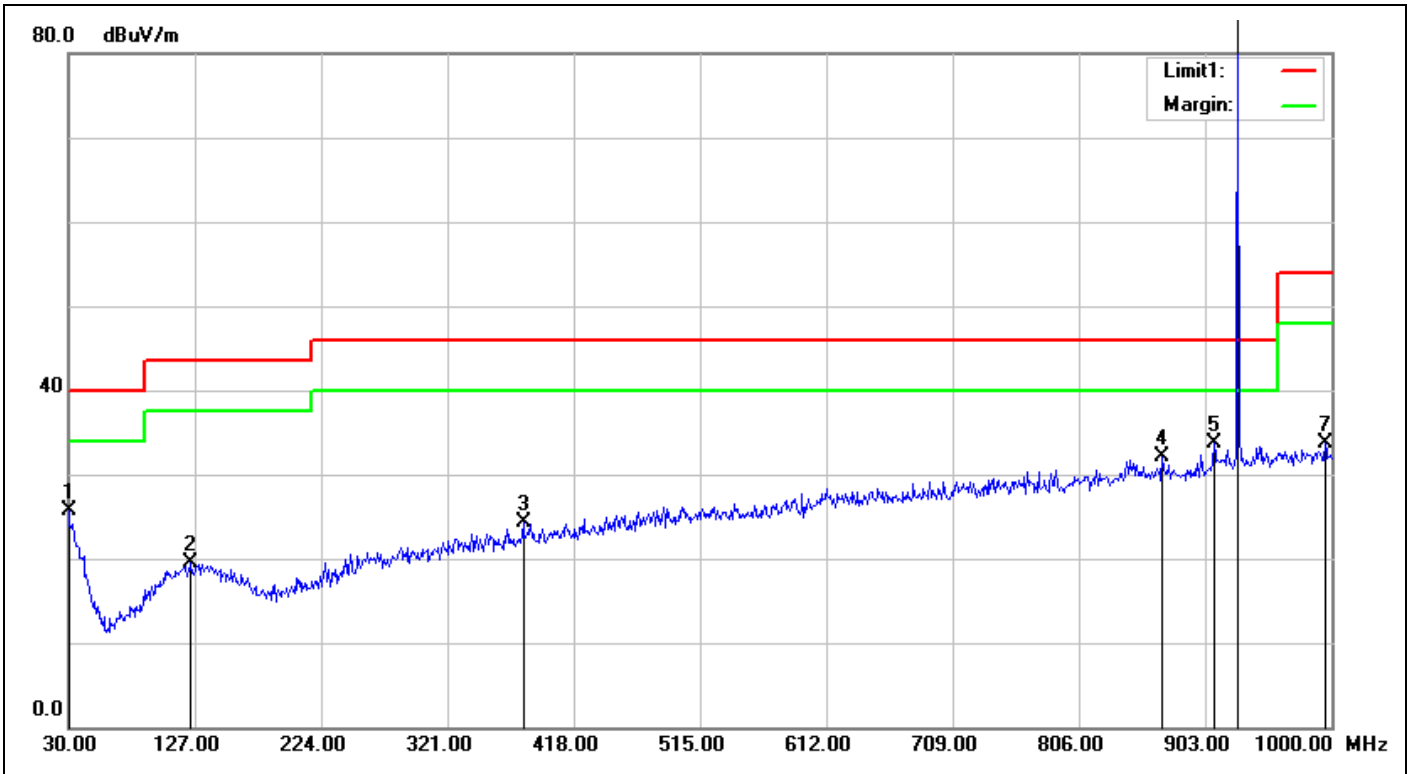
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-5.85	30.86	25.01	40.00	-14.99	QP	100	218	
2	125.0600	-12.84	32.82	19.98	43.50	-23.52	QP	100	0	
3	382.1099	-8.92	33.46	24.54	46.00	-21.46	QP	100	240	
4	678.9299	-5.20	34.46	29.26	46.00	-16.74	QP	100	243	
5	870.0199	-2.27	34.34	32.07	46.00	-13.93	QP	100	202	
6	915.6100	-1.57	87.50	85.93	46.00	39.93	QP	100	27	Fundamental
7	972.8400	-0.28	33.56	33.28	54.00	-20.72	QP	100	96	



<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Class B 3M Radiation</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 13:51:15</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT IR US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>915.2MHz-TX</b>		
<b>Remark:</b>			

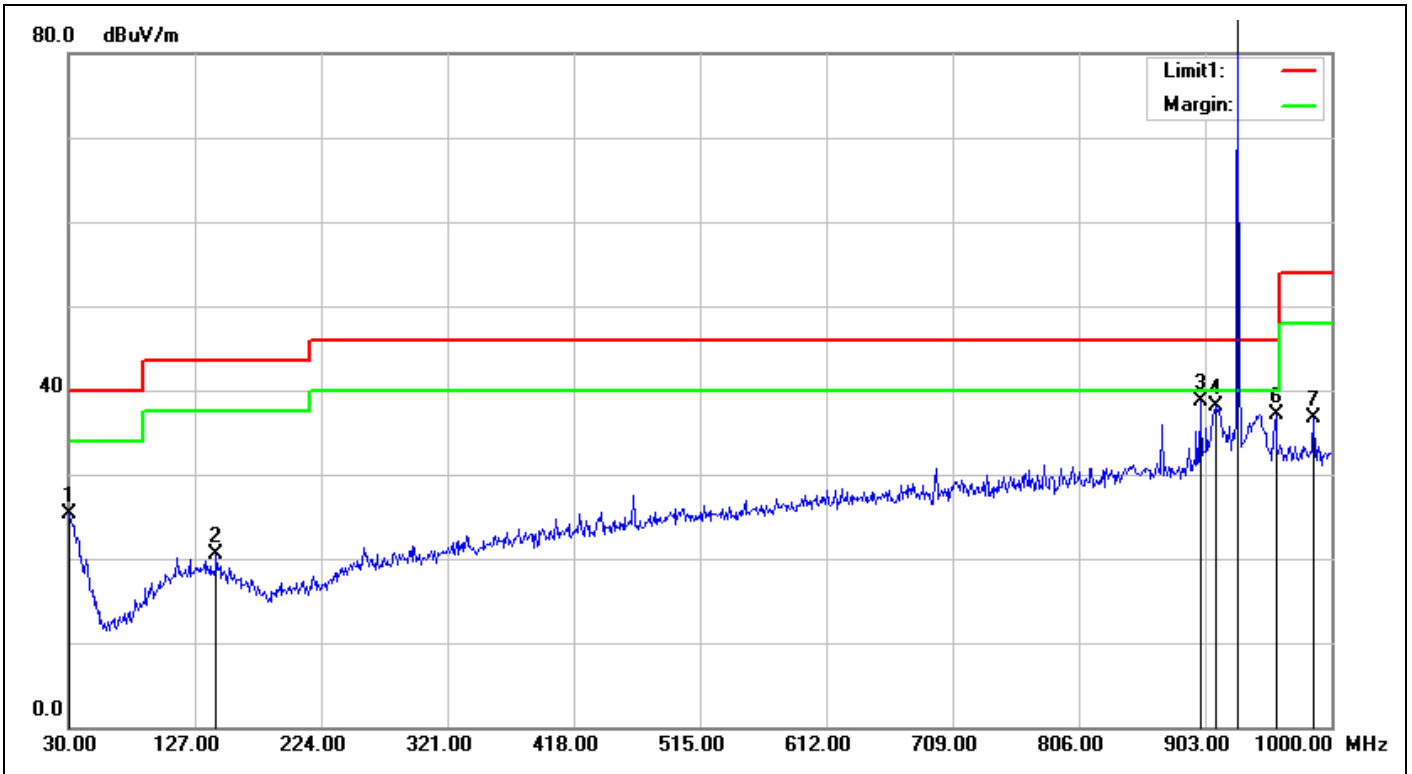
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-5.85	32.38	26.53	40.00	-13.47	QP	100	149	
2	124.0900	-12.87	36.95	24.08	43.50	-19.42	QP	100	183	
3	887.4800	-2.14	36.78	34.64	46.00	-11.36	QP	100	223	
4	900.0900	-2.05	40.56	38.51	46.00	-7.49	QP	100	285	
5	915.6100	-1.57	100.22	98.65	46.00	52.65	QP	100	287	Fundamental
6	931.1300	-1.09	40.10	39.01	46.00	-6.99	QP	100	274	
7	972.8400	-0.28	36.79	36.51	54.00	-17.49	QP	100	333	





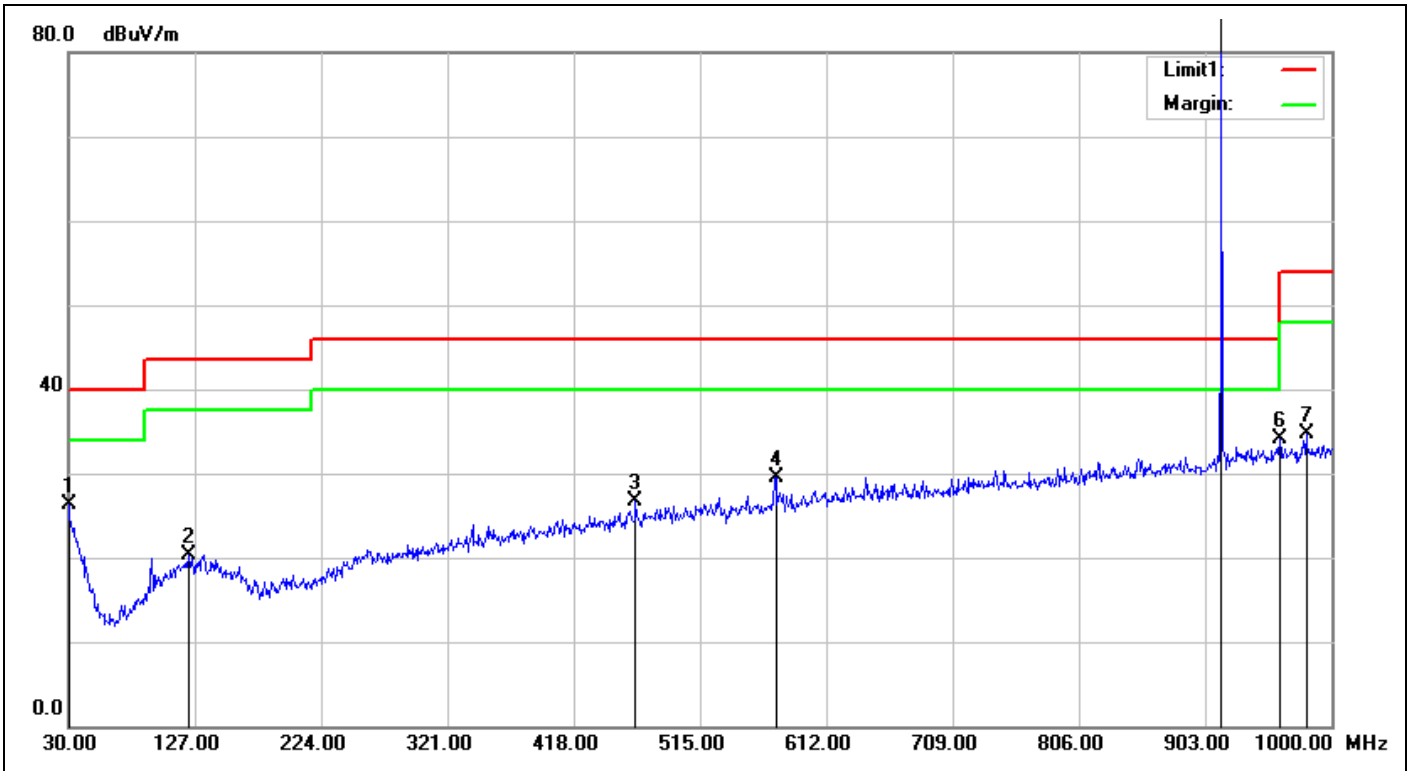
<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Class B 3M Radiation</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 14:06:04</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT IR US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>927.6MHz-TX</b>		
<b>Remark:</b>			

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	31.56	25.71	40.00	-14.29	QP	100	19	
2	124.0900	-12.87	32.46	19.59	43.50	-23.91	QP	100	343	
3	379.1999	-8.97	33.21	24.24	46.00	-21.76	QP	100	149	
4	870.0199	-2.27	34.33	32.06	46.00	-13.94	QP	100	96	
5	909.7899	-1.75	35.40	33.65	46.00	-12.35	QP	100	3	
6	928.2200	-1.19	91.63	90.44	46.00	44.44	QP	100	306	Fundamental
7	995.1499	-0.04	33.80	33.76	54.00	-20.24	QP	100	30	



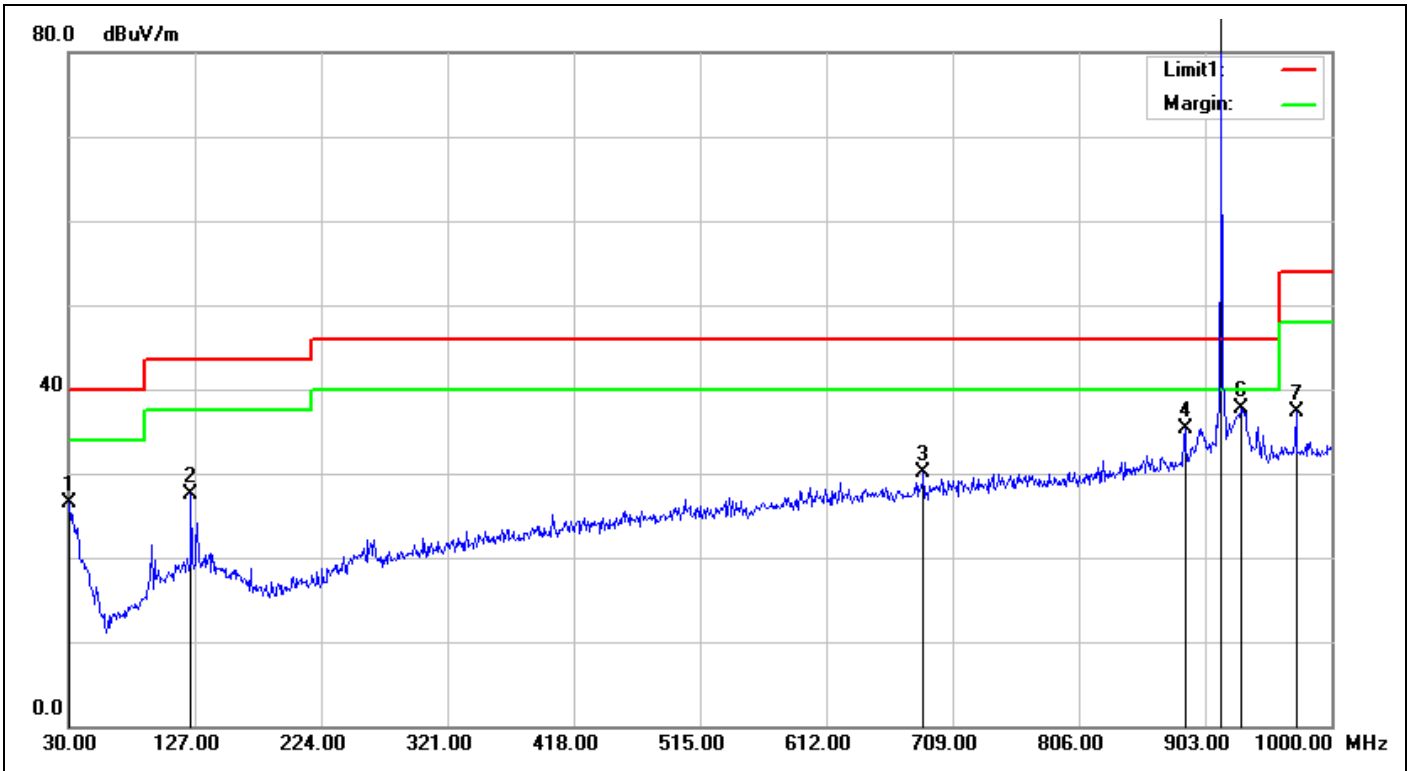
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<b>Test Standard:</b>	<b>FCC Class B 3M Radiation</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 14:07:07</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT IR US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>927.6MHz-TX</b>		
<b>Remark:</b>			

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	31.72	25.33	40.00	-14.67	QP	100	171	
2	143.4900	-12.89	33.36	20.47	43.50	-23.03	QP	100	115	
3	899.1200	-2.05	40.70	38.65	46.00	-7.35	QP	100	110	
4	910.7600	-1.72	39.75	38.03	46.00	-7.97	QP	100	38	
5	928.2200	-1.19	99.28	98.09	46.00	52.09	QP	100	288	Fundamental
6	957.3200	-0.45	37.64	37.19	46.00	-8.81	QP	100	3	
7	986.4200	-0.13	36.74	36.61	54.00	-17.39	QP	100	317	



Service No.:	114052648-FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/7/11 17:06:12
Applicant:	Nedap	Test Rating:	DC 3.6V
Product:	Wireless Space Count System	Temp.(°C)/Hum.(%):	24.8(°C)/50%
Model No.:	SENSIT FLUSH MOUNT US	Test Engineer:	George Yang
Test Mode:	915.2MHz-TX		
Remark:			

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	32.24	26.39	40.00	-13.61	QP	100	348	
2	122.1500	-12.95	33.20	20.25	43.50	-23.25	QP	100	360	
3	465.5299	-7.81	34.42	26.61	46.00	-19.39	QP	100	115	
4	573.2000	-6.54	36.12	29.58	46.00	-16.42	QP	100	232	
5	915.6100	-1.57	89.58	88.01	46.00	42.01	QP	100	0	Fundamental
6	960.2300	-0.41	34.59	34.18	54.00	-19.82	QP	100	348	
7	980.6000	-0.20	34.85	34.65	54.00	-19.35	QP	100	348	



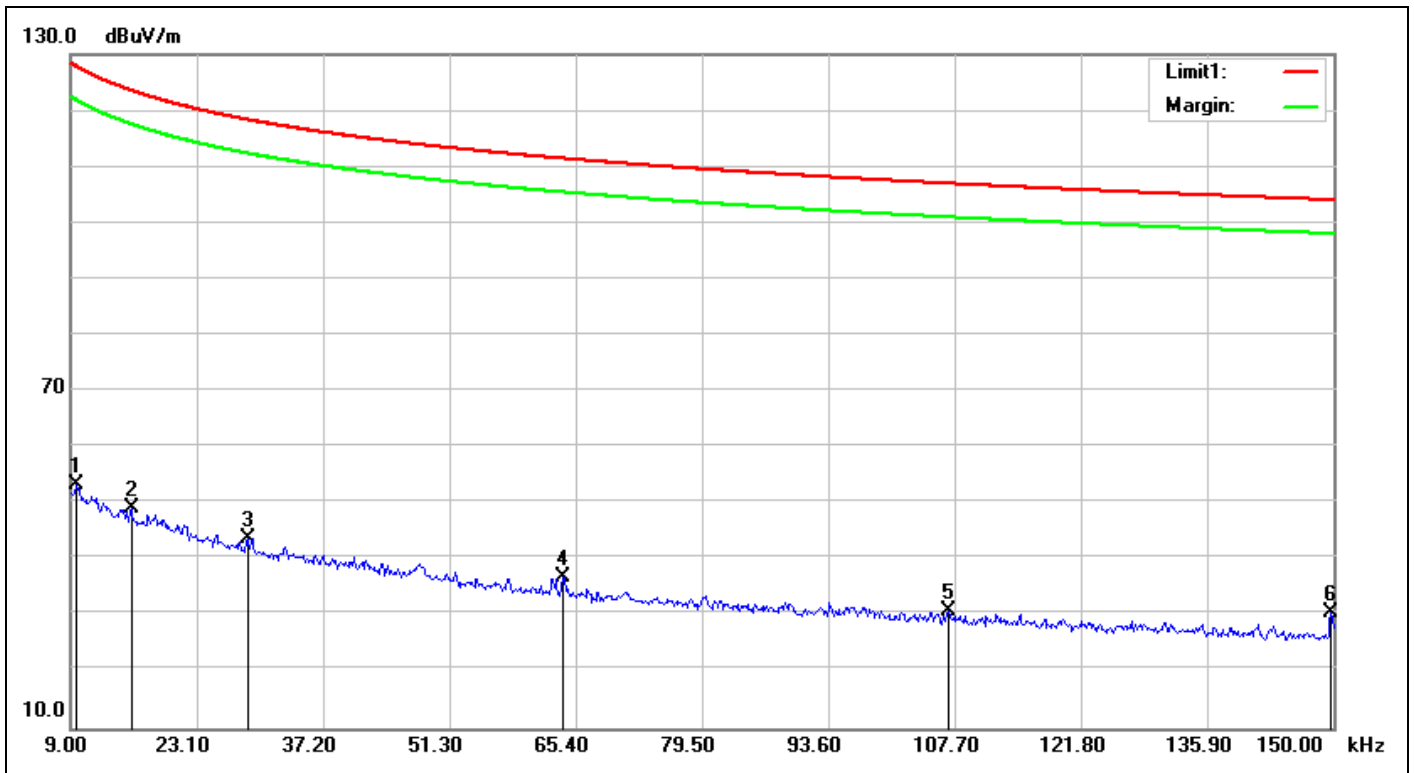
<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Class B 3M Radiation</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 17:08:02</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT FLUSH MOUNT US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>915.2MHz-TX</b>		
<b>Remark:</b>			

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	32.40	26.55	40.00	-13.45	QP	100	12	
2	124.0900	-12.87	40.38	27.51	43.50	-15.99	QP	100	360	
3	686.6900	-5.16	35.26	30.10	46.00	-15.90	QP	100	12	
4	887.4800	-2.14	37.51	35.37	46.00	-10.63	QP	100	128	
5	915.6100	-1.57	101.94	100.37	46.00	54.37	QP	100	128	Fundamental
6	931.1299	-1.09	38.83	37.74	46.00	-8.26	QP	100	245	
7	972.8400	-0.28	37.53	37.25	54.00	-16.75	QP	100	245	

# Spurious Emissions, TX Mode, 9 kHz-30M

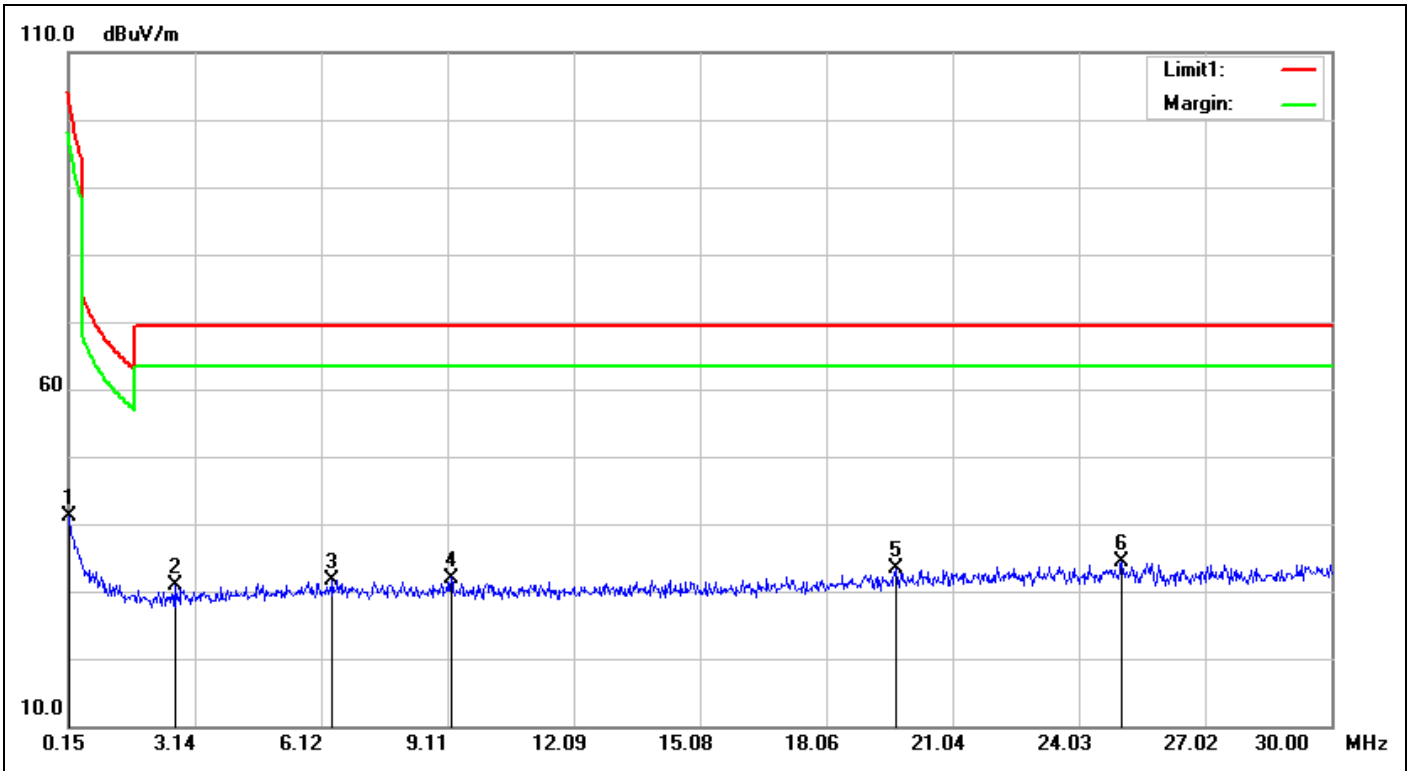


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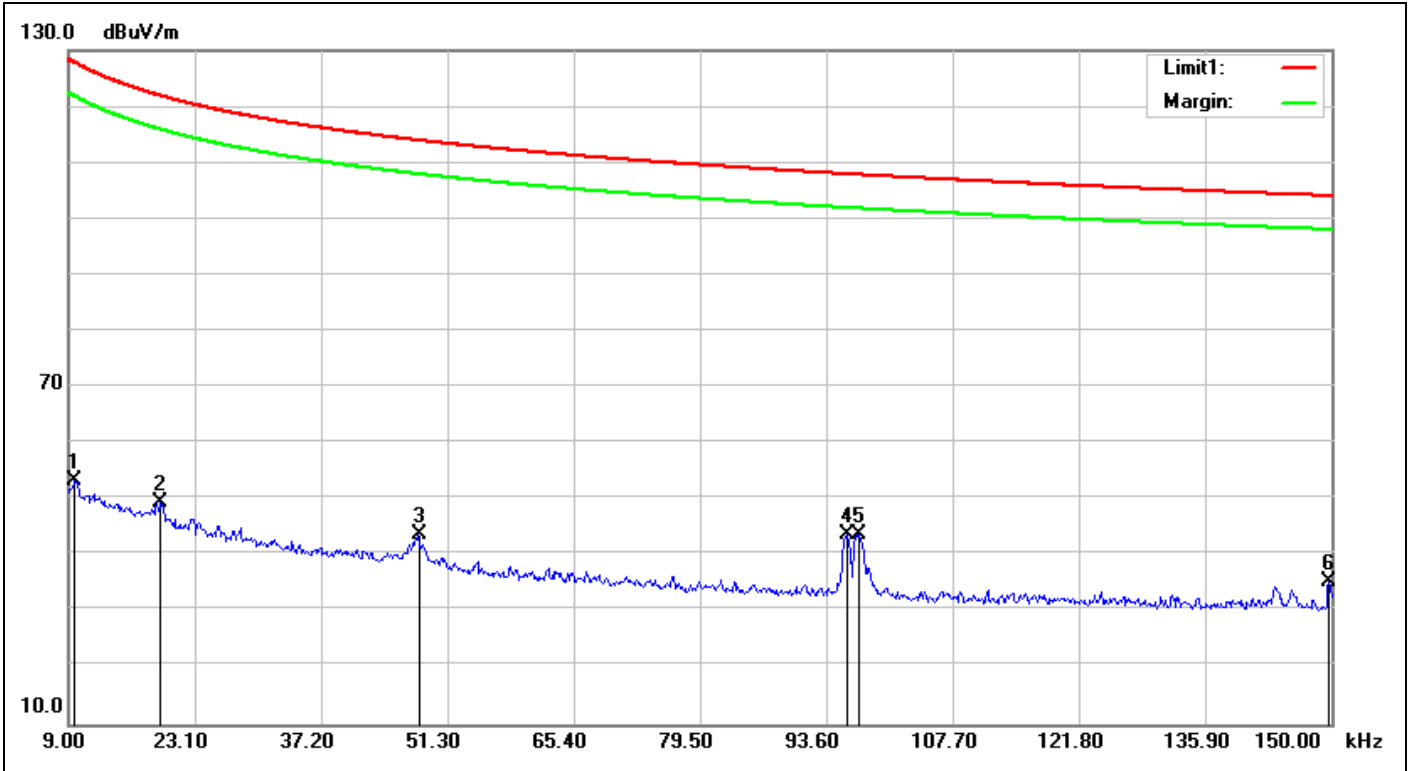
<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC15.209_9k-1G_3m</b>	<b>Ant. Polarization:</b>	
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 16:00:24</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT IR US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>915.2MHz-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0096	20.31	33.00	53.31	127.84	-74.53	QP	100	27	
2	0.0158	20.50	28.61	49.11	123.53	-74.42	QP	100	278	
3	0.0287	20.44	23.41	43.85	118.36	-74.51	QP	100	333	
4	0.0640	19.52	17.34	36.86	111.42	-74.56	QP	100	349	
5	0.1070	19.24	11.73	30.97	106.97	-76.00	QP	100	48	
6	0.1497	19.25	11.16	30.41	104.06	-73.65	QP	100	237	



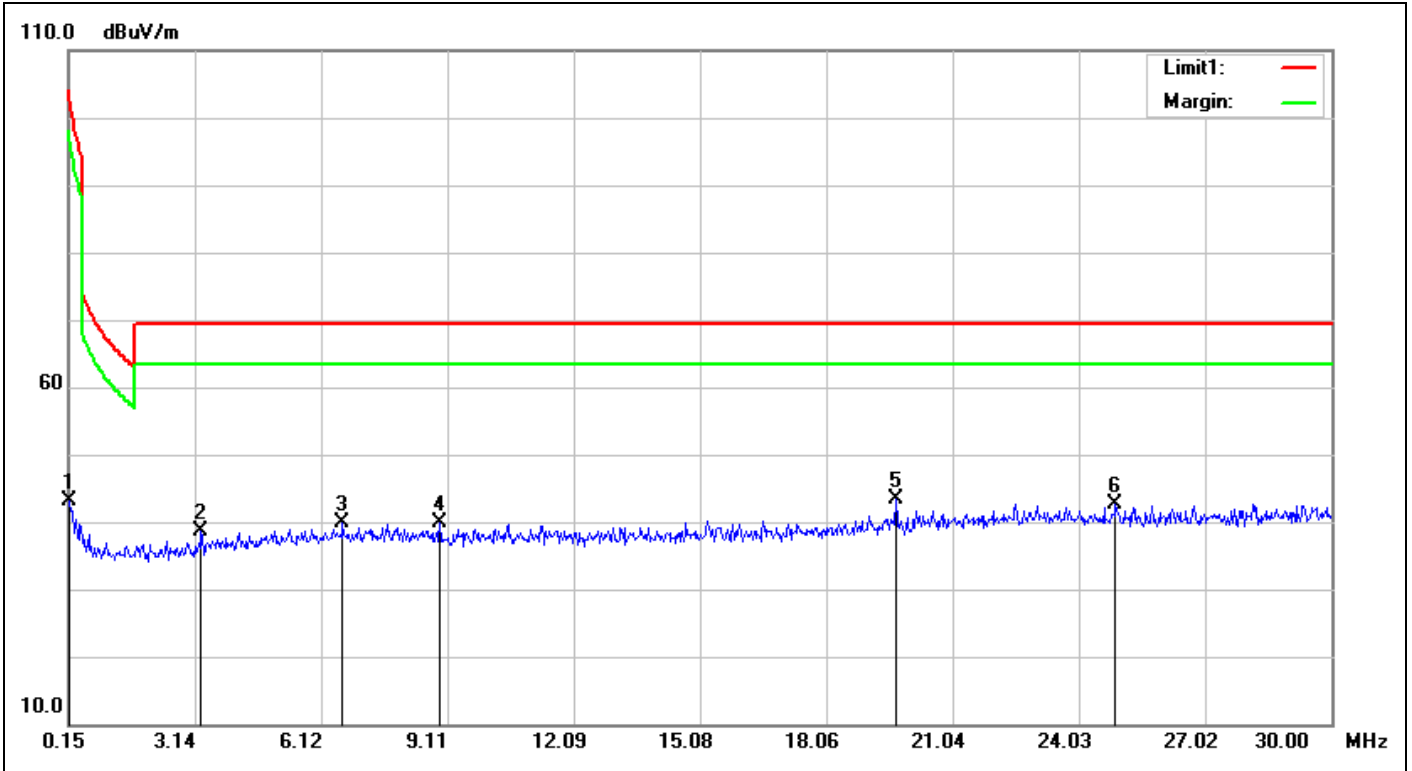
<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC15.209_9k-1G_3m</b>	<b>Ant. Polarization:</b>	
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 16:01:59</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT IR US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>915.2MHz-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1799	19.25	21.80	41.05	102.47	-61.42	QP	100	3	
2	2.6574	19.13	11.66	30.79	69.50	-38.71	QP	100	160	
3	6.3887	19.92	11.75	31.67	69.50	-37.83	QP	100	16	
4	9.1945	20.36	11.64	32.00	69.50	-37.50	QP	100	136	
5	19.7018	21.71	11.76	33.47	69.50	-36.03	QP	100	200	
6	25.0449	22.02	12.38	34.40	69.50	-35.10	QP	100	152	



<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC15.209_9k-1G_3m</b>	<b>Ant. Polarization:</b>	
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 17:19:56</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT FLUSH MOUNT US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>915.2MHz-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0097	20.35	32.96	53.31	127.85	-74.54	peak	100	94	
2	0.0193	20.48	29.01	49.49	121.88	-72.39	peak	100	346	
3	0.0481	19.70	24.00	43.70	113.95	-70.25	peak	100	354	
4	0.0959	19.27	24.37	43.64	107.96	-64.32	peak	100	27	
5	0.0973	19.26	24.61	43.87	107.83	-63.96	peak	100	352	
6	0.1497	19.25	16.05	35.30	104.09	-68.79	peak	100	46	



<b>Service No.:</b>	114052648-FCC	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	FCC15.209_9k-1G_3m	<b>Ant. Polarization:</b>	
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2016/7/11 17:18:18
<b>Applicant:</b>	Nedap	<b>Test Rating:</b>	DC 3.6V
<b>Product:</b>	Wireless Space Count System	<b>Temp.(°C)/Hum.(%):</b>	24.8(°C)/50%
<b>Model No.:</b>	SENSIT FLUSH MOUNT US	<b>Test Engineer:</b>	George Yang
<b>Test Mode:</b>	915.2MHz-TX		
<b>Remark:</b>			

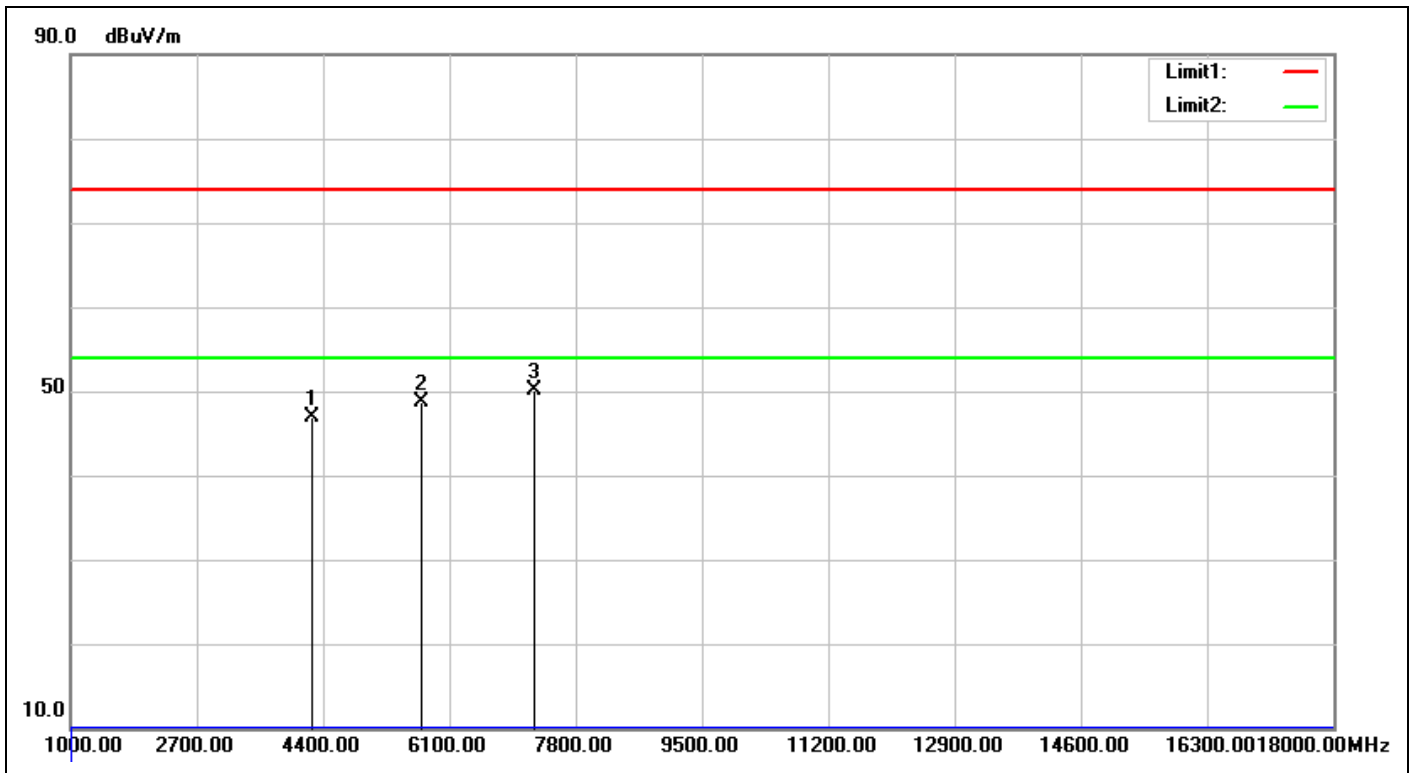
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1799	19.25	23.86	43.11	102.50	-59.39	QP	100	227	
2	3.2843	19.16	19.55	38.71	69.50	-30.79	QP	100	168	
3	6.6275	19.96	19.83	39.79	69.50	-29.71	QP	100	360	
4	8.9259	20.32	19.60	39.92	69.50	-29.58	QP	100	360	
5	19.7018	21.71	21.59	43.30	69.50	-26.20	QP	100	0	
6	24.8957	22.01	20.58	42.59	69.50	-26.91	QP	100	208	



# Spurious Emissions, RX Mode, 1-18G

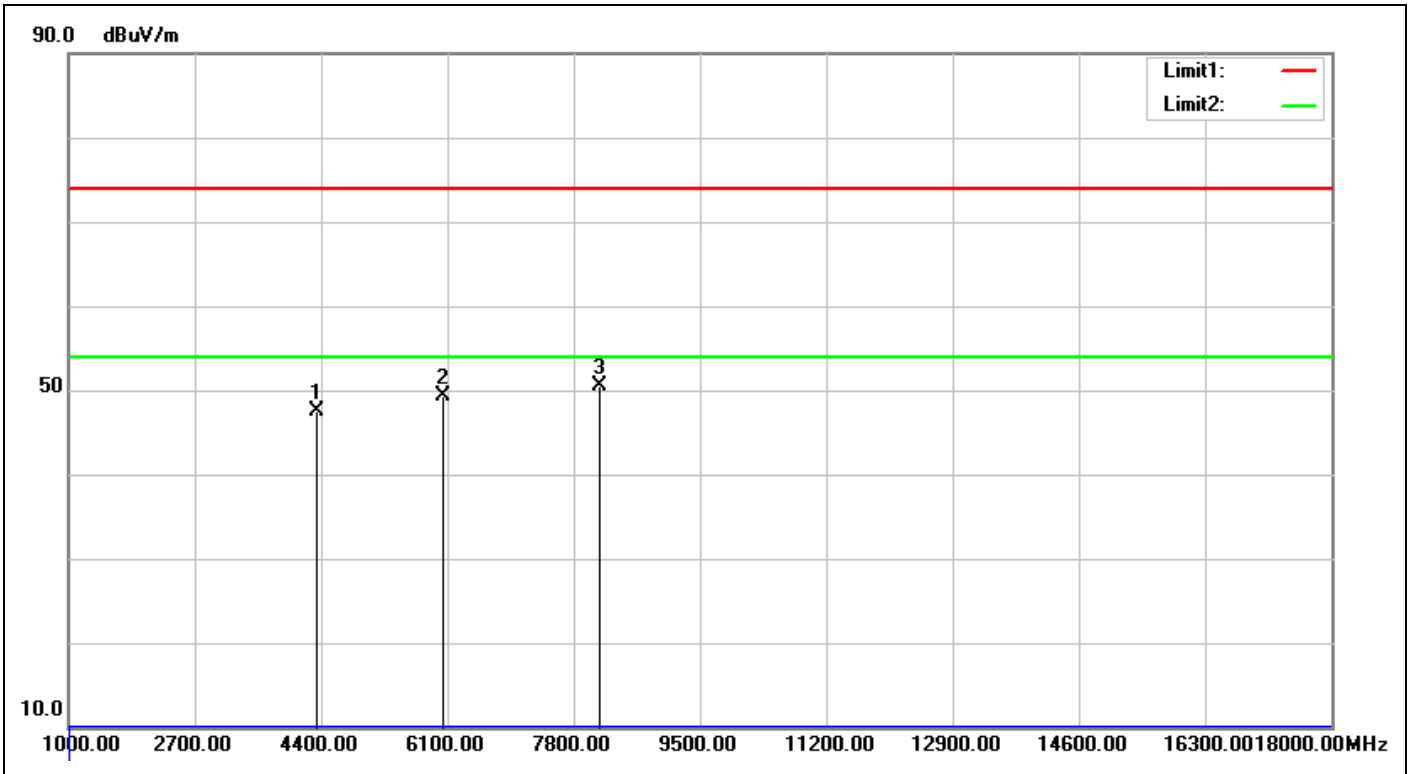


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<b>Service No.:</b>	114052648-FCC	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	FCC Above 1G PEAK	<b>Ant. Polarization:</b>	Vertical
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2016/7/11 15:08:30
<b>Applicant:</b>	Nedap	<b>Test Rating:</b>	DC 3.6V
<b>Product:</b>	Wireless Space Count System	<b>Temp.(°C)/Hum.(%):</b>	24.8(°C)/50%
<b>Model No.:</b>	SENSIT IR US	<b>Test Engineer:</b>	George Yang
<b>Test Mode:</b>	915.2MHz-RX		
<b>Remark:</b>			

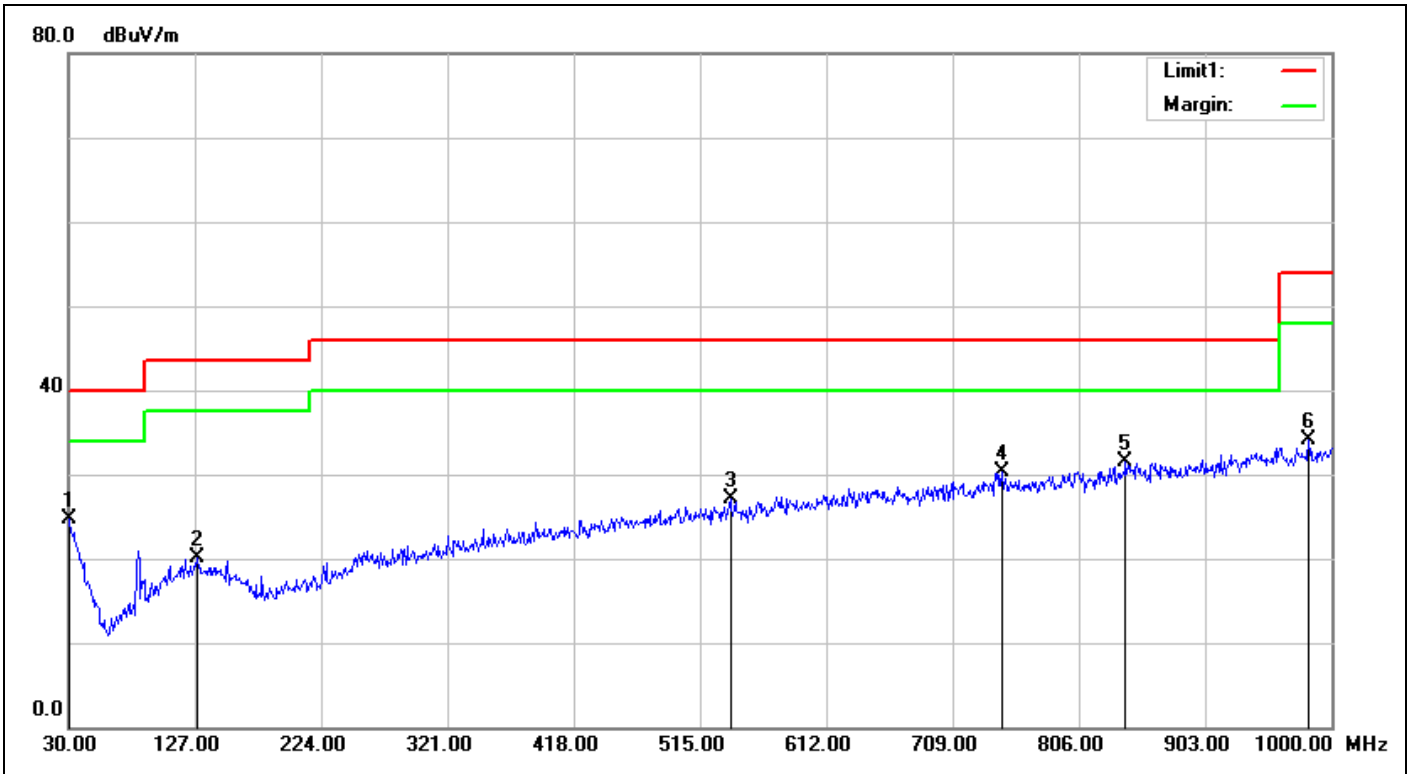
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4247.000	-4.74	51.62	46.88	74.00	-27.12	peak	100	142	
2	5726.000	0.98	47.68	48.66	74.00	-25.34	peak	100	175	
3	7239.000	4.62	45.40	50.02	74.00	-23.98	peak	100	228	



<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 15:07:27</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT IR US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>915.2MHz-RX</b>		
<b>Remark:</b>			

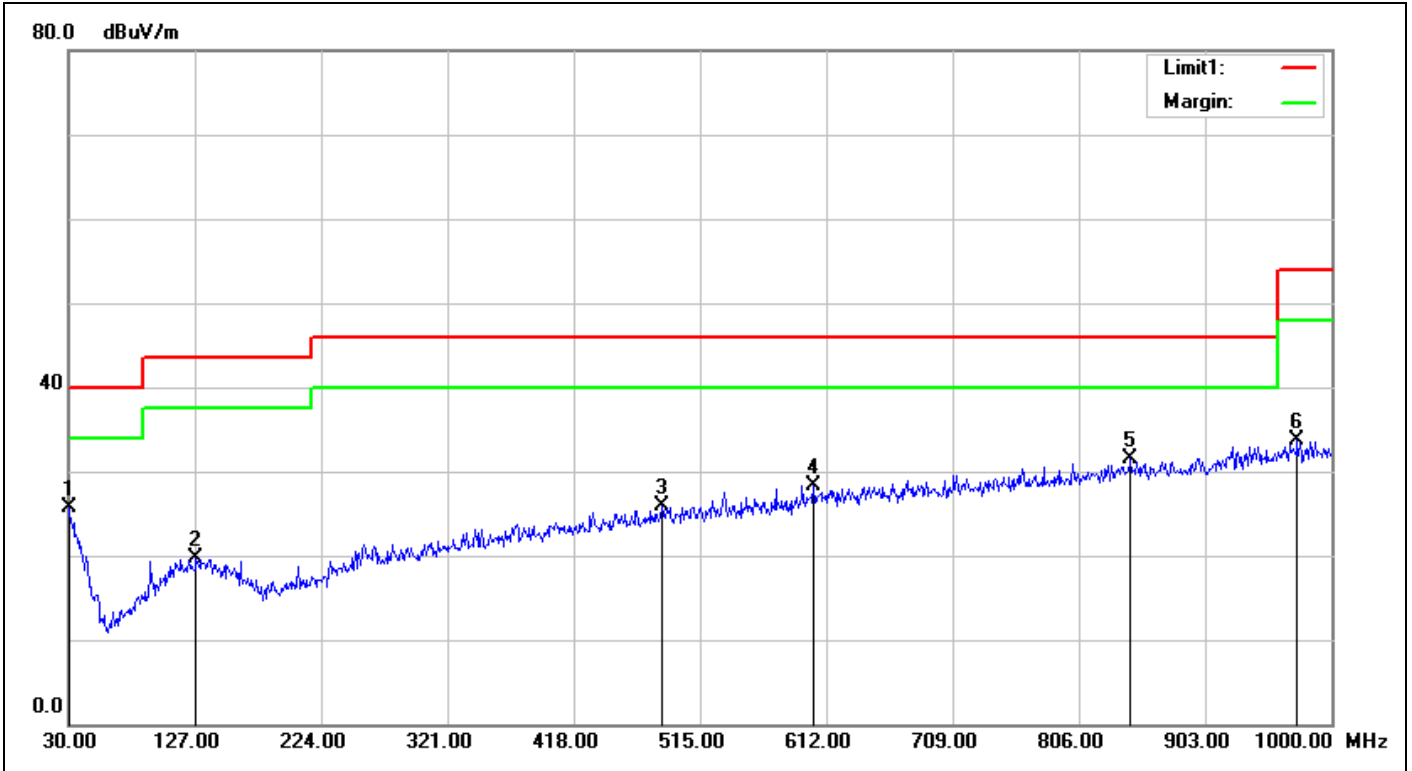
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4332.000	-4.41	51.85	47.44	74.00	-26.56	peak	100	16	
2	6032.000	3.00	46.24	49.24	74.00	-24.76	peak	100	229	
3	8140.000	5.40	45.16	50.56	74.00	-23.44	peak	100	83	

**Spurious Emissions, RX Mode, 30M-1G**  
**Spurious Emissions, RX Mode, 1-18G**



<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Class B 3M Radiation</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 14:58:42</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT IR US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>915.2MHz-RX</b>		
<b>Remark:</b>			

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	30.61	24.76	40.00	-15.24	QP	100	181	
2	128.9399	-12.69	32.71	20.02	43.50	-23.48	QP	100	168	
3	538.2799	-7.06	34.26	27.20	46.00	-18.80	QP	100	49	
4	746.8300	-4.14	34.38	30.24	46.00	-15.76	QP	100	242	
5	841.8899	-2.62	34.12	31.50	46.00	-14.50	QP	100	59	
6	982.5399	-0.17	34.27	34.10	54.00	-19.90	QP	100	14	



<b>Service No.:</b>	<b>114052648-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Class B 3M Radiation</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/7/11 14:59:45</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>DC 3.6V</b>
<b>Product:</b>	<b>Wireless Space Count System</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.8(°C)/50%</b>
<b>Model No.:</b>	<b>SENSIT IR US</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>915.2MHz-RX</b>		
<b>Remark:</b>			

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	31.50	25.65	40.00	-14.35	QP	100	104	
2	127.9700	-12.74	32.47	19.73	43.50	-23.77	QP	100	304	
3	485.9000	-7.51	33.36	25.85	46.00	-20.15	QP	100	248	
4	602.3000	-5.96	34.31	28.35	46.00	-17.65	QP	100	48	
5	845.7700	-2.52	34.00	31.48	46.00	-14.52	QP	100	197	
6	973.8100	-0.27	33.89	33.62	54.00	-20.38	QP	100	242	

