

# Test Report No.50157347 001

## Appendix D: Radiated and Mains Spurious Emission Data

(File: 50157347AppendixD)

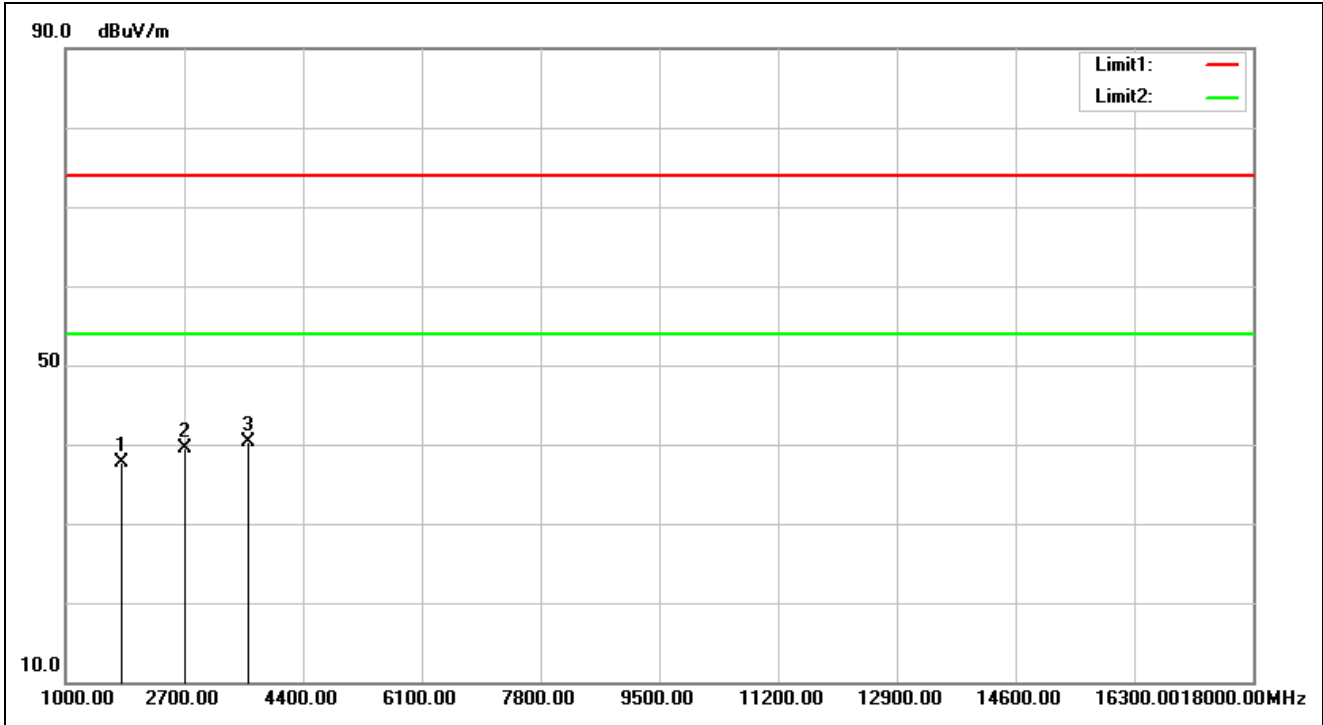
### Contents

Spurious Emissions, TX Mode, 1-18G.....	2
Spurious Emissions, TX Mode, 30M-1G .....	8
Spurious Emissions, TX Mode, 9 kHz-30M .....	14
Spurious Emissions, Mains, 150kHz - 30MHz .....	16

# Spurious Emissions, TX Mode, 1-18G

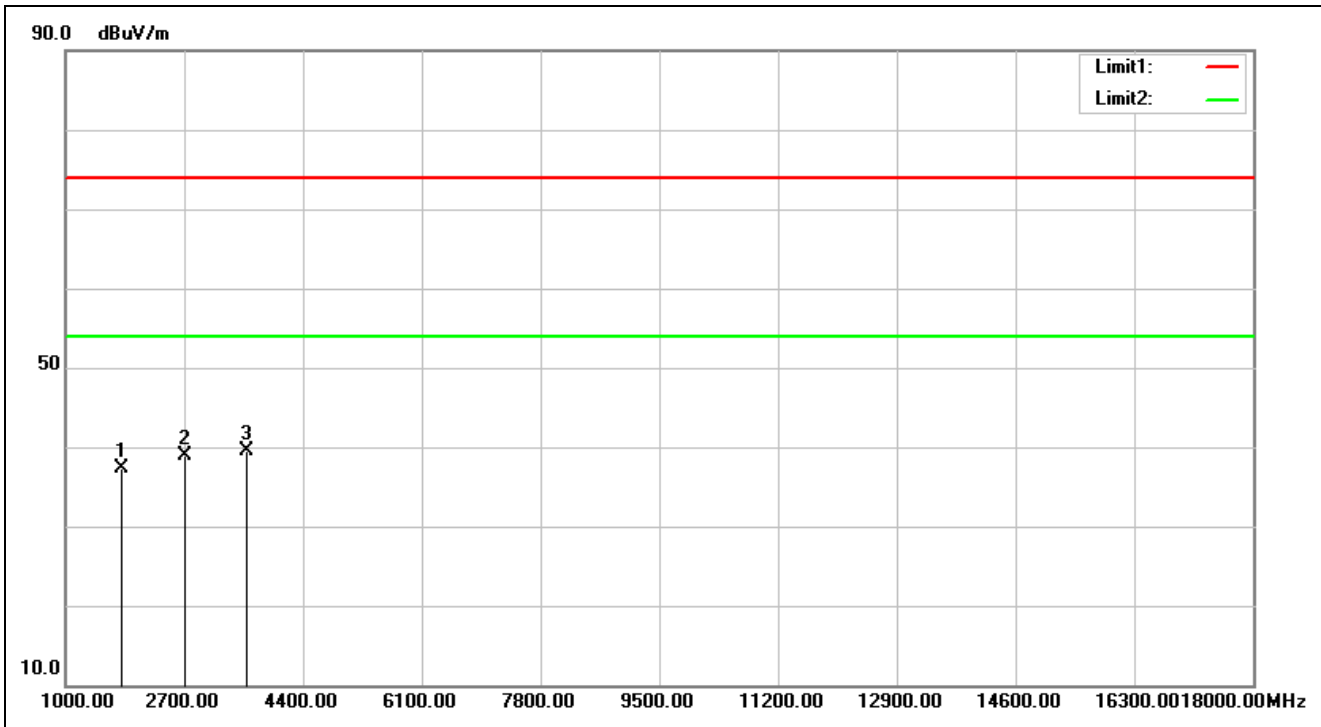


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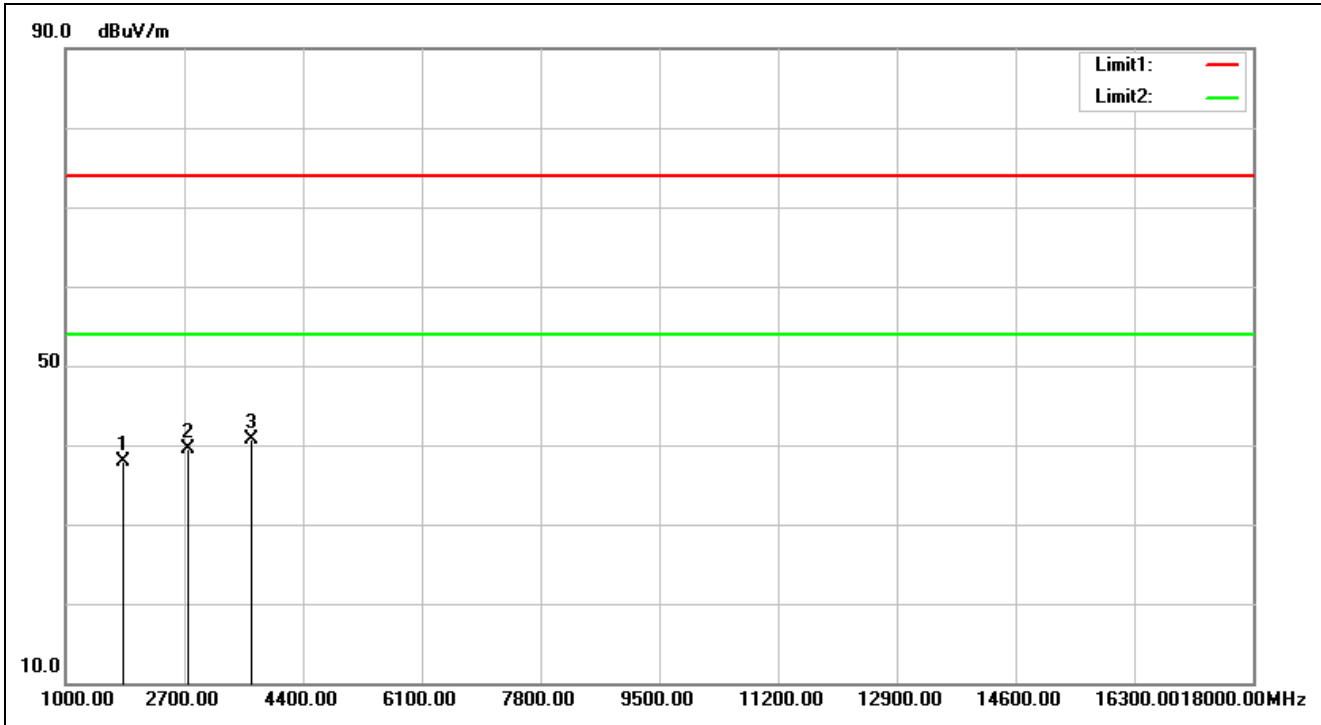
<b>Service No.:</b>	<b>114078743(ASSY T325R RF+MD+RFID)_FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/12 21:09:30</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Lumen iL33</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>ASSY T325R RF+MD+RFID</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>902.75MHz-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	1805.500	-11.41	49.16	37.75	74.00	-36.25	peak	100	201	
2	2708.250	-10.09	49.54	39.45	74.00	-34.55	peak	100	162	
3	3611.000	-9.36	49.72	40.36	74.00	-33.64	peak	100	135	



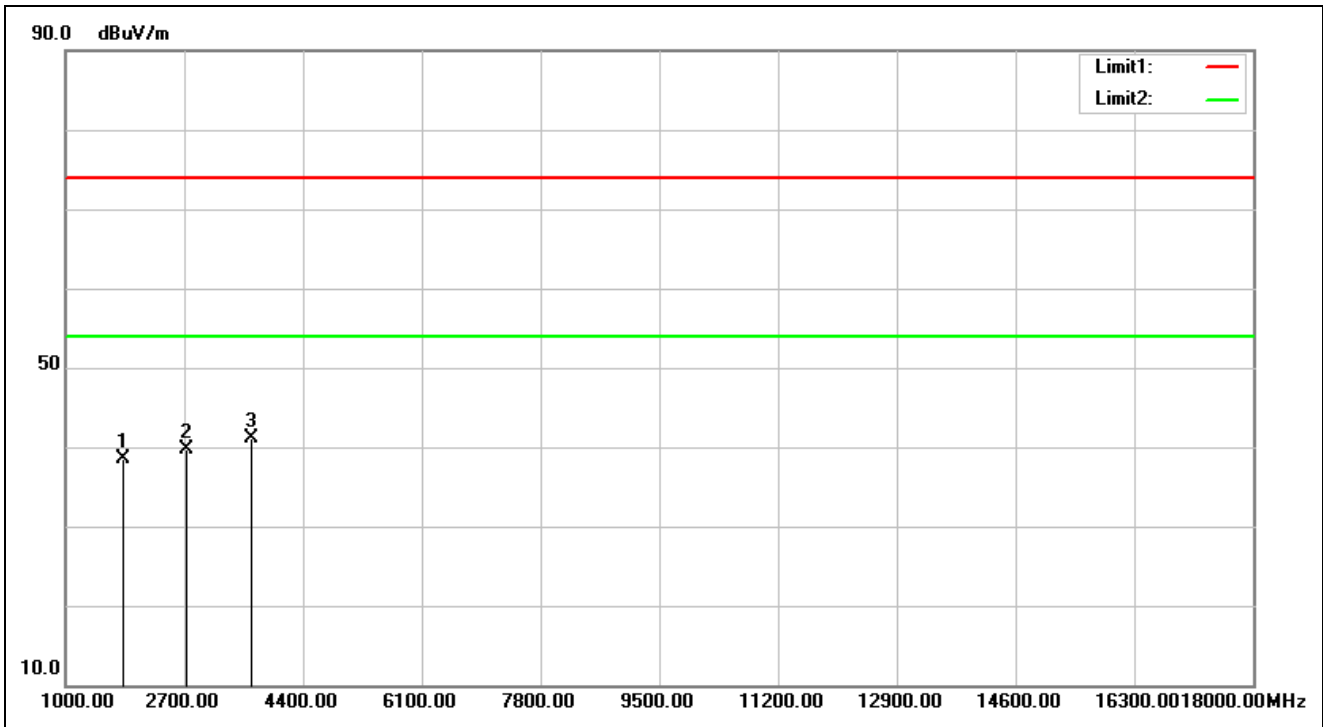
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<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/12 21:10:33</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Lumen iL33</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>ASSY T325R RF+MD+RFID</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>902.75MHz-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	1805.500	-11.41	48.76	37.35	74.00	-36.65	peak	100	282	
2	2708.250	-10.09	49.02	38.93	74.00	-35.07	peak	100	168	
3	3611.000	-9.36	48.90	39.54	74.00	-34.46	peak	100	178	



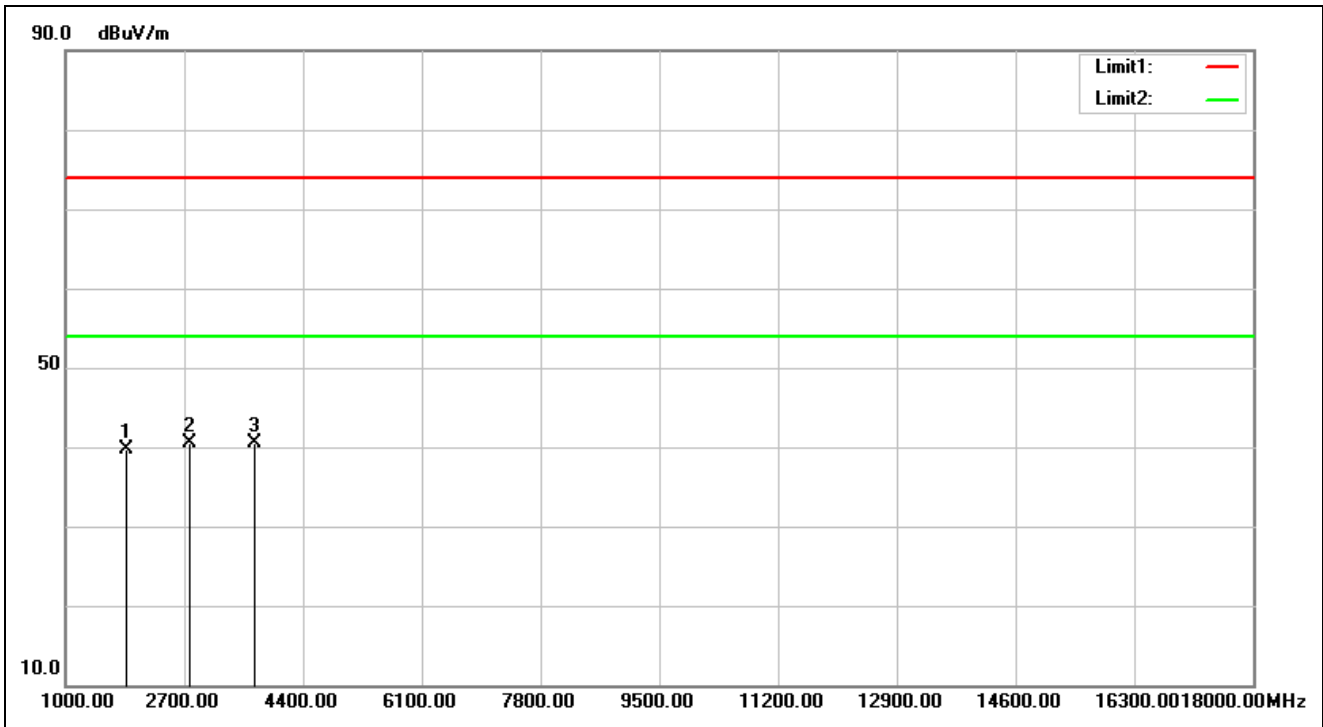
<b>Service No.:</b>	<b>114078743(ASSY T325R RF+MD+RFID)_FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/12 21:12:58</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Lumen iL33</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>ASSY T325R RF+MD+RFID</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>915.25MHz-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	1830.500	-11.26	49.17	37.91	74.00	-36.09	peak	100	179	
2	2745.750	-10.06	49.58	39.52	74.00	-34.48	peak	100	180	
3	3661.000	-9.27	49.88	40.61	74.00	-33.39	peak	100	231	



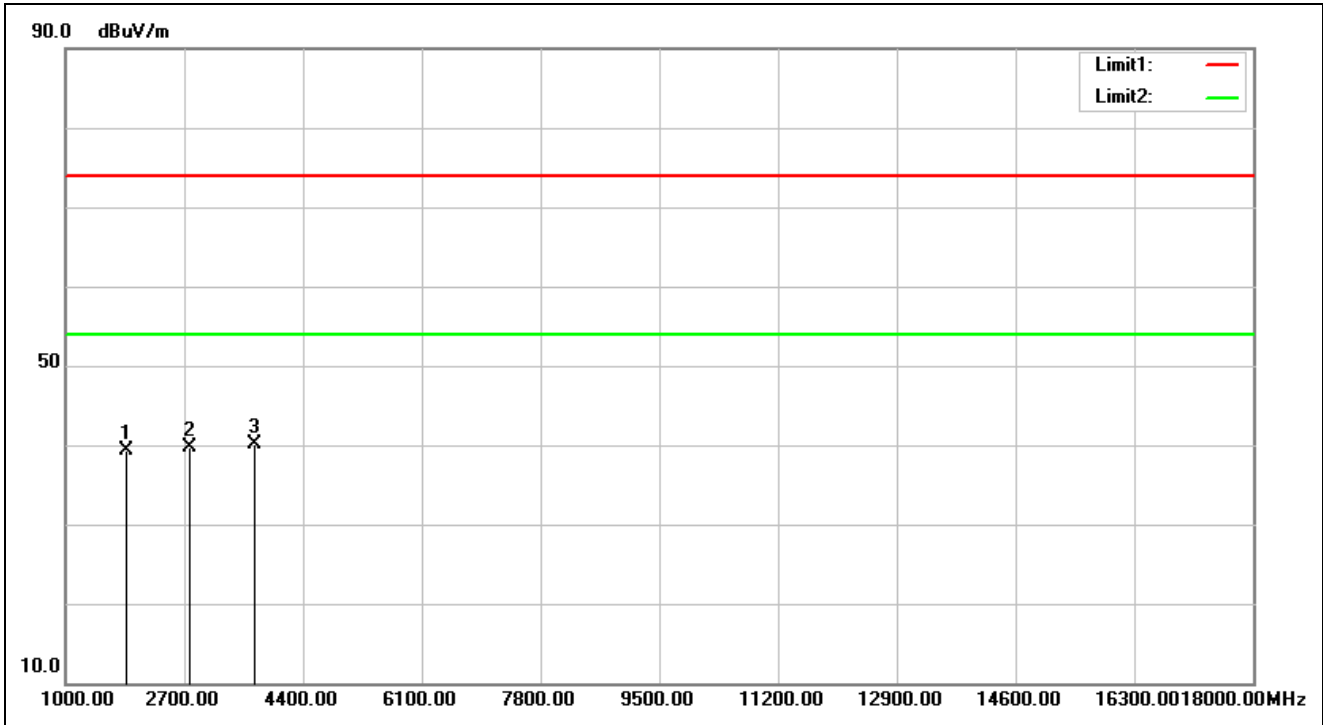
<b>Service No.:</b>	<b>114078743(ASSY T325R RF+MD+RFID)_FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/12 21:14:01</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Lumen iL33</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>ASSY T325R RF+MD+RFID</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>915.25MHz-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	1830.500	-11.26	49.69	38.43	74.00	-35.57	peak	100	130	
2	2745.750	-10.06	49.70	39.64	74.00	-34.36	peak	100	177	
3	3661.000	-9.27	50.28	41.01	74.00	-32.99	peak	100	261	



<b>Service No.:</b>	<b>114078743(ASSY T325R RF+MD+RFID)_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>2018/7/12 21:16:51</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Lumen iL33</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>ASSY T325R RF+MD+RFID</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>927.25MHz-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	1854.500	-11.11	50.90	39.79	74.00	-34.21	peak	100	185	
2	2781.750	-10.00	50.47	40.47	74.00	-33.53	peak	100	197	
3	3709.000	-9.20	49.77	40.57	74.00	-33.43	peak	100	203	



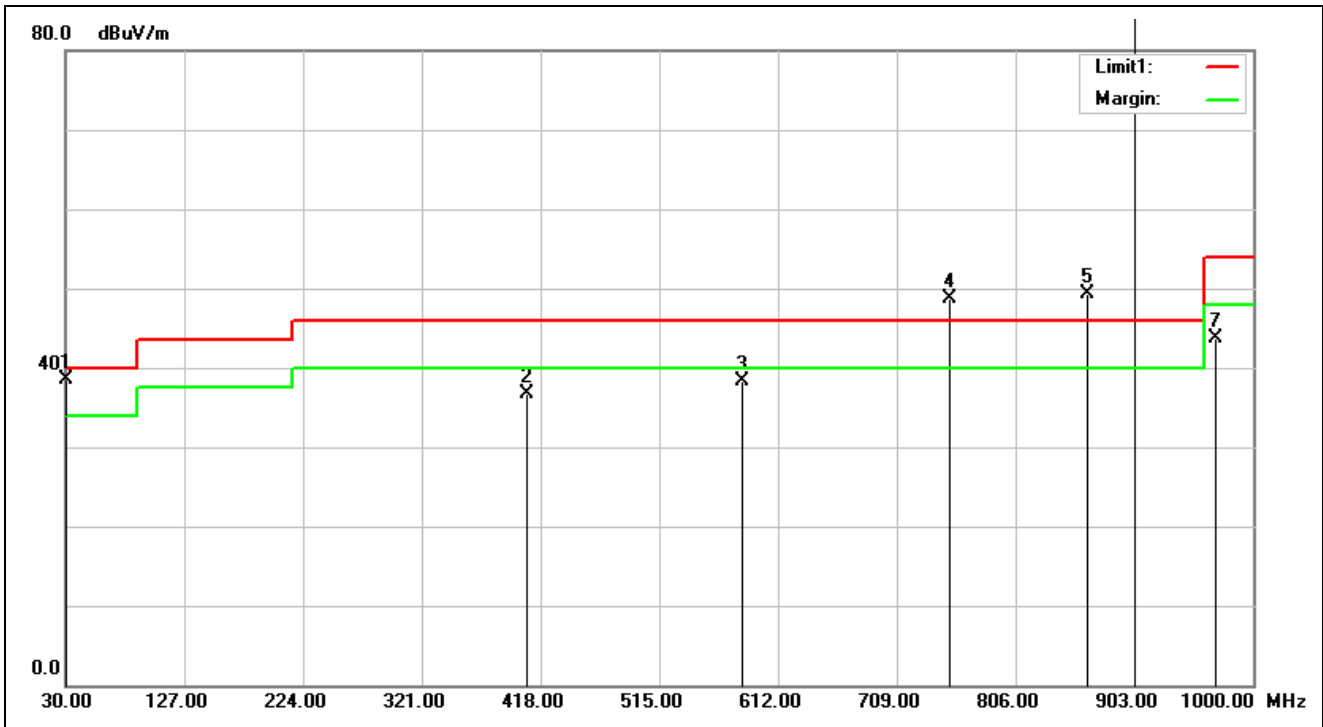
<b>Service No.:</b>	<b>114078743(ASSY T325R RF+MD+RFID)_FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/12 21:17:54</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Lumen iL33</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>ASSY T325R RF+MD+RFID</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>927.25MHz-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	1854.500	-11.11	50.48	39.37	74.00	-34.63	peak	100	180	
2	2781.750	-10.00	49.69	39.69	74.00	-34.31	peak	100	154	
3	3709.000	-9.20	49.22	40.02	74.00	-33.98	peak	100	206	

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



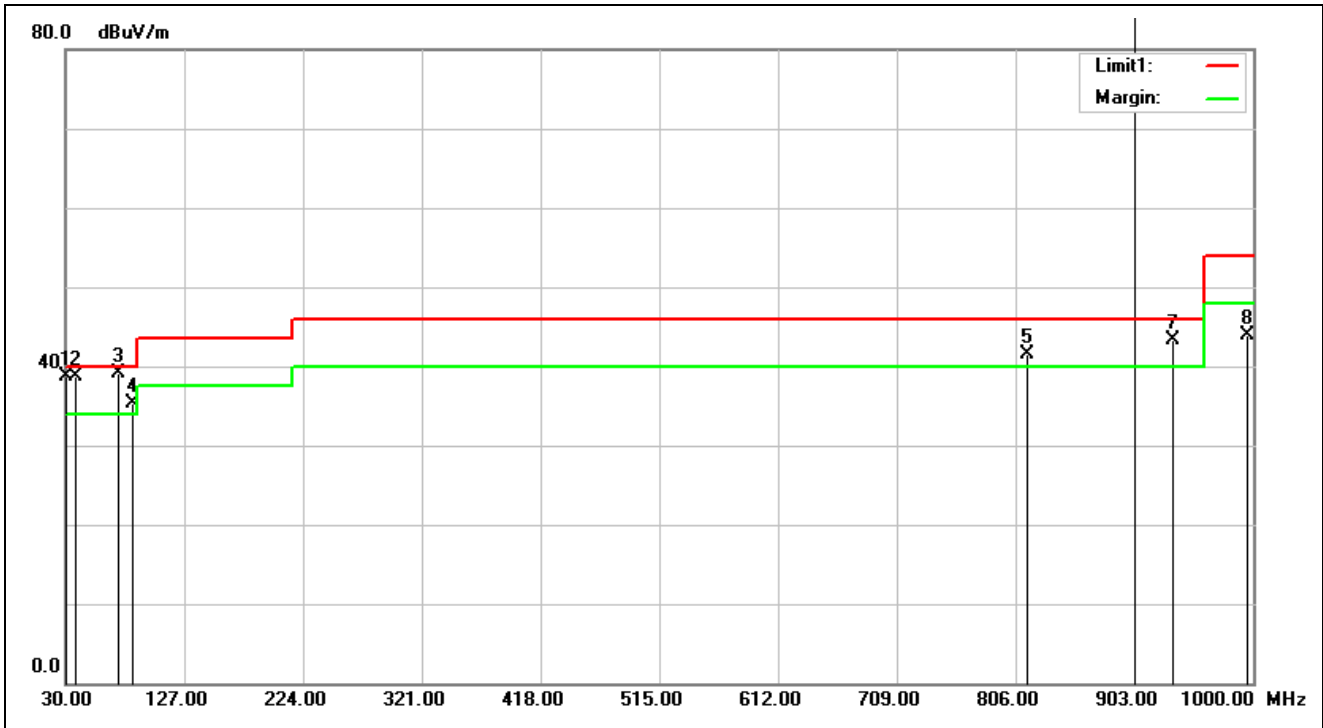
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Service No.:	114078743(ASSY T325R RF+MD+RFID)_FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/7/12 14:42:14
Applicant:	Nedap	Test Rating:	AC 120V/60Hz
Product:	Lumen iL33	Temp.(°C)/Hum.(%):	25(°C)/50%
Model No.:	ASSY T325R RF+MD+RFID	Test Engineer:	Amy Hsu
Test Mode:	902.75kHz-TX		

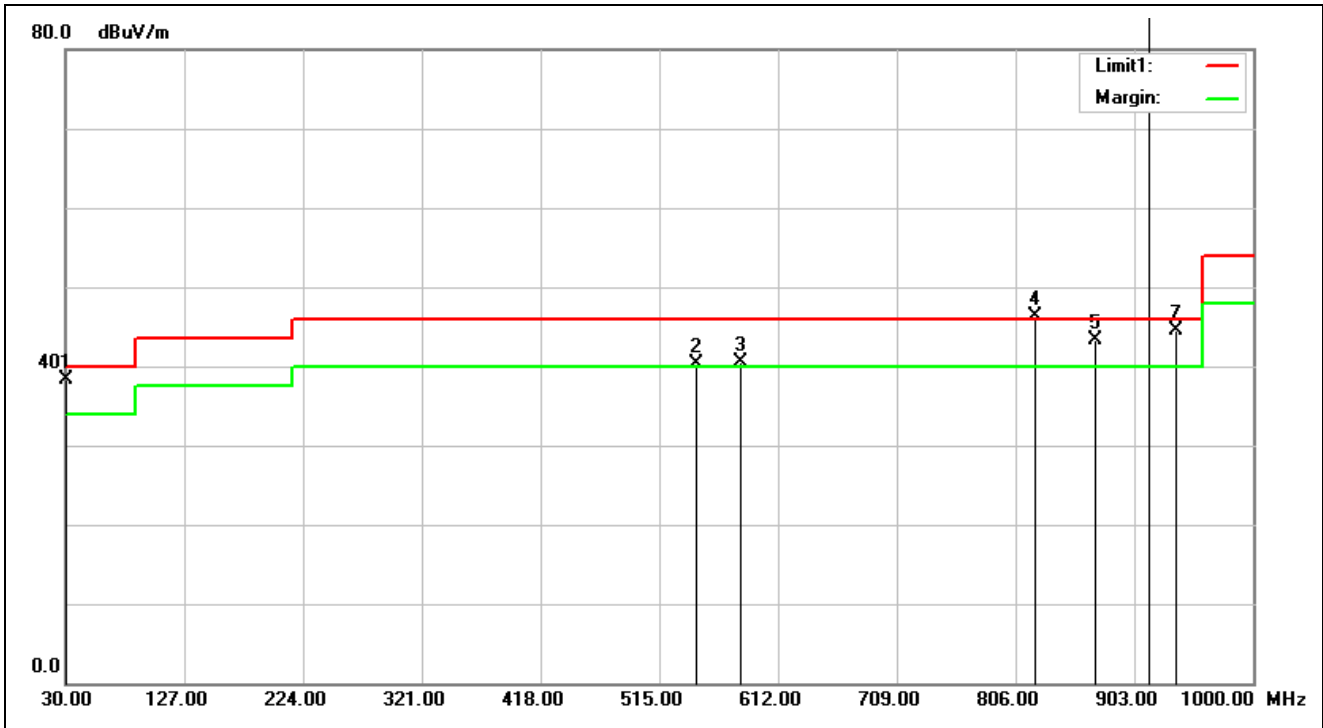
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.9699	-1.01	39.61	38.60	40.00	-1.40	QP	100	156	
2	407.3299	-3.20	39.90	36.70	46.00	-9.30	QP	100	108	
3	582.8999	-1.11	39.41	38.30	46.00	-7.70	QP	100	285	
4	752.6499	1.29	47.49	48.78	57.90	-9.12	QP	100	146	
5	864.2000	2.67	46.73	49.40	57.90	-8.5	QP	100	267	
6	903.0000	2.97	120.93	123.90	N/A	N/A	QP	100	267	TX
7	969.9299	4.34	39.46	43.80	54.00	-10.20	QP	100	245	





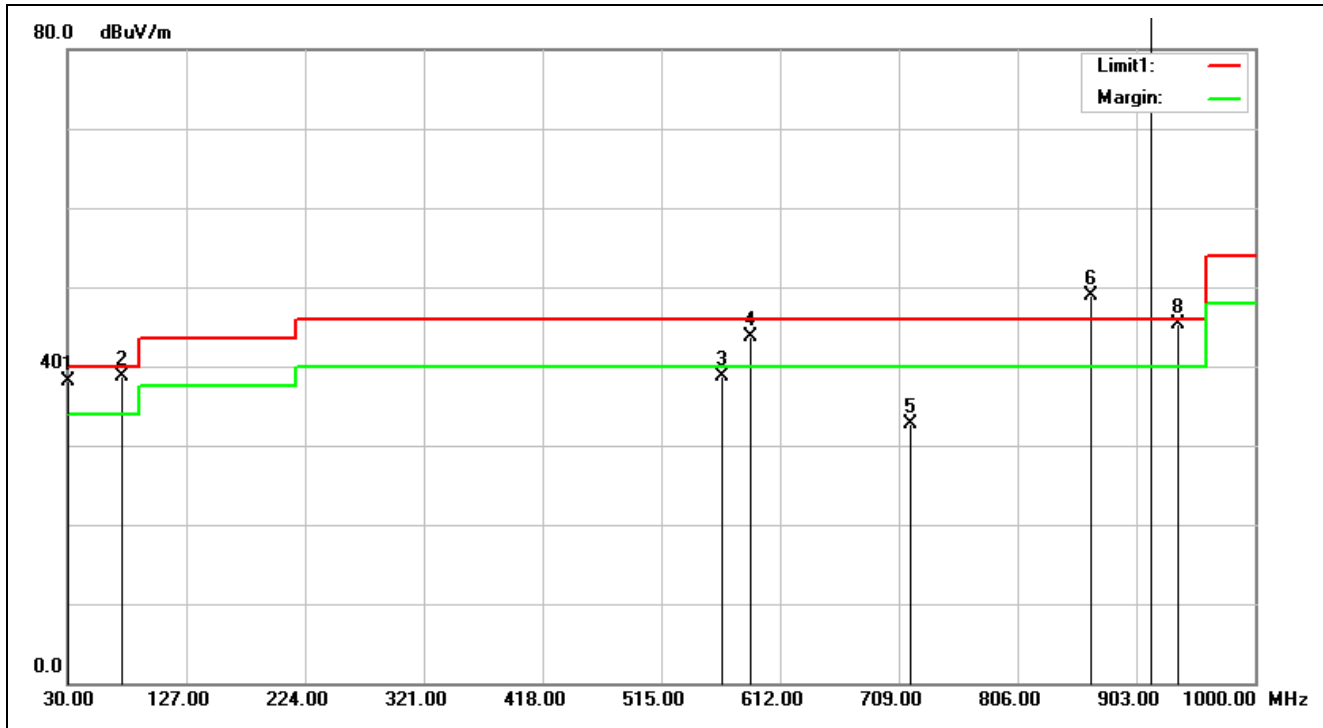
<b>Service No.:</b>	<b>114078743(ASSY T325R RF+MD+RFID)_FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Class B 3M Radiation</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/12 14:43:18</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Lumen iL33</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>ASSY T325R RF+MD+RFID</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>902.75kHz-TX</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	-0.47	39.26	38.79	40.00	-1.21	QP	100	62	
2	38.8000	-5.45	44.25	38.80	40.00	-1.20	QP	100	57	
3	73.6500	-13.07	52.17	39.10	40.00	-0.90	QP	100	78	
4	85.2900	-11.85	47.14	35.29	40.00	-4.71	QP	100	282	
5	815.7000	1.94	39.66	41.60	46.00	-4.40	QP	100	212	
6	903.0000	2.97	122.15	125.12	N/A	N/A	QP	100	319	TX
7	934.0400	3.83	39.47	43.30	46.00	-2.70	QP	100	54	
8	995.1500	4.43	39.54	43.97	54.00	-10.03	QP	100	338	



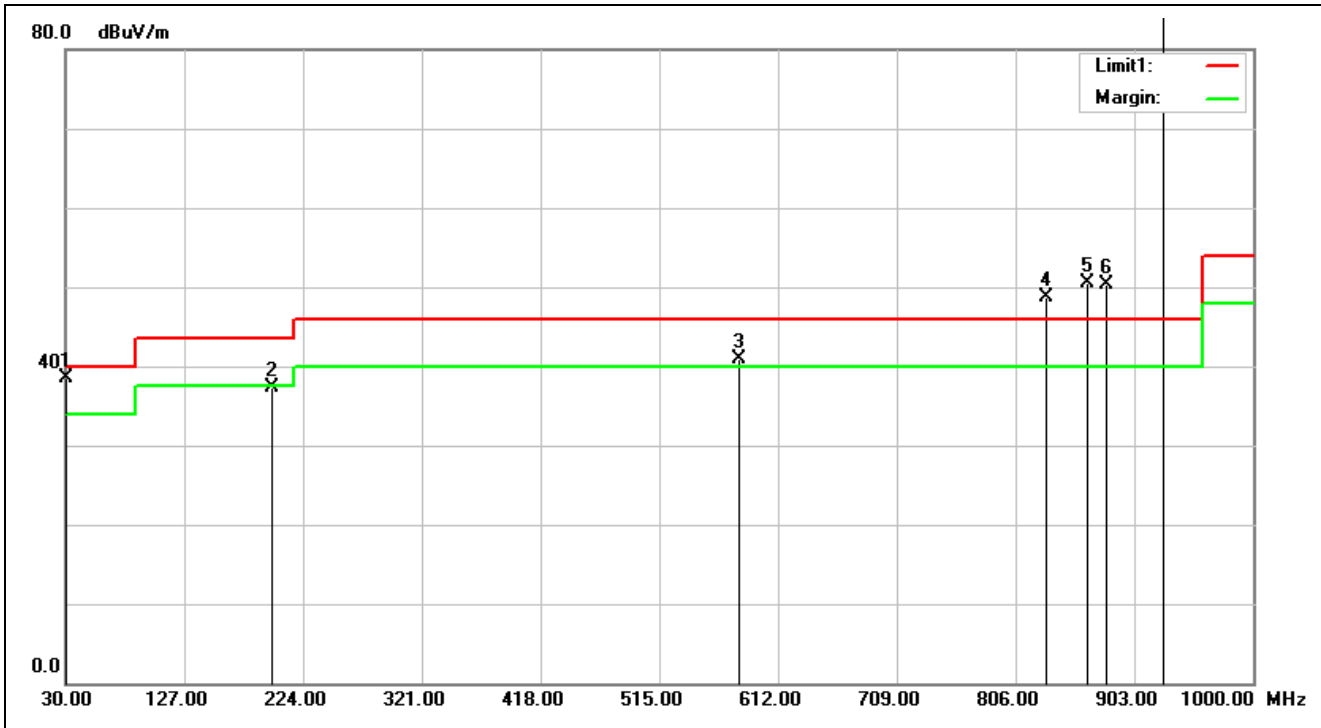
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<b>Test Standard:</b>	<b>FCC Class B 3M Radiation</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/12 15:10:33</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Lumen iL33</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>ASSY T325R RF+MD+RFID</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>915.25kHz-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	-0.47	38.81	38.34	40.00	-1.66	QP	100	121	
2	545.0700	-1.50	41.71	40.21	46.00	-5.79	QP	100	342	
3	581.9299	-1.12	41.64	40.52	46.00	-5.48	QP	100	139	
4	822.4900	2.06	44.16	46.22	58.70	-12.48	QP	100	161	
5	870.9900	2.70	40.60	43.30	46.00	-2.70	QP	100	1	
6	915.6100	3.31	121.39	124.70	N/A	N/A	QP	100	265	TX
7	936.9500	3.91	40.69	44.60	46.00	-1.40	QP	100	268	



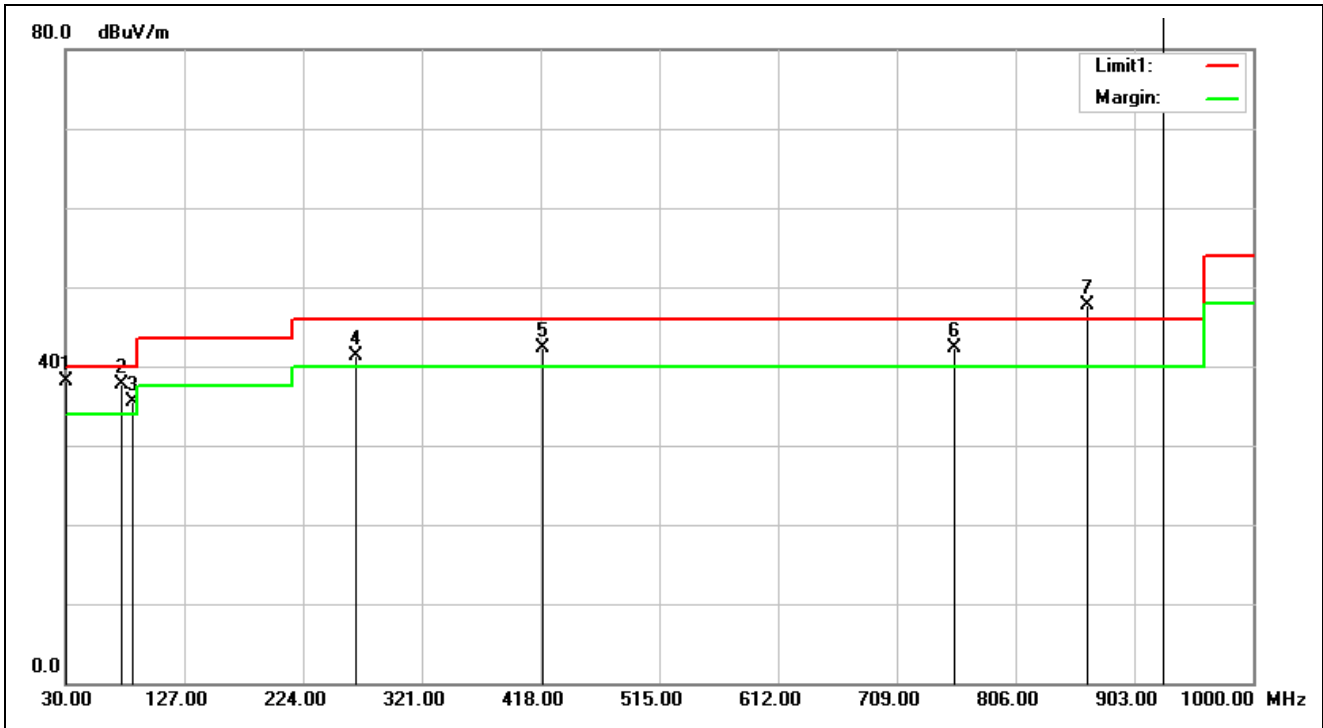
<b>Service No.:</b>	<b>114078743(ASSY T325R RF+MD+RFID)_FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Class B 3M Radiation</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/12 15:11:36</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Lumen iL33</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>ASSY T325R RF+MD+RFID</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>915.25kHz-TX</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	-0.47	38.67	38.20	40.00	-1.80	QP	100	290	
2	74.6200	-12.98	51.74	38.76	40.00	-1.24	QP	100	81	
3	564.4699	-1.29	40.09	38.80	46.00	-7.20	QP	100	132	
4	587.7500	-1.07	44.87	43.80	46.00	-2.20	QP	100	349	
5	718.7000	0.58	32.11	32.69	46.00	-13.31	QP	100	81	
6	866.1400	2.67	46.23	48.90	59.50	-10.6	QP	100	162	
7	915.6100	3.31	122.19	125.50	N/A	N/A	QP	100	132	TX
8	936.9500	3.91	41.32	45.23	46.00	-0.77	QP	100	319	



Service No.:	114078743(ASSY T325R RF+MD+RFID)_FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/7/12 15:37:56
Applicant:	Nedap	Test Rating:	AC 120V/60Hz
Product:	Lumen iL33	Temp.(°C)/Hum.(%):	25(°C)/50%
Model No.:	ASSY T325R RF+MD+RFID	Test Engineer:	Amy Hsu
Test Mode:	927.25kHz-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	-0.47	38.88	38.41	40.00	-1.59	QP	100	44	
2	198.7800	-9.55	46.88	37.33	43.50	-6.17	QP	100	260	
3	579.9900	-1.13	42.03	40.90	46.00	-5.10	QP	100	75	
4	831.2199	2.22	46.58	48.80	58.04	-9.24	QP	100	143	
5	864.2000	2.67	47.93	50.60	58.04	-7.44	QP	100	89	
6	879.7200	2.76	47.64	50.40	58.04	-7.64	QP	100	276	
7	927.2500	3.64	120.40	124.04	N/A	N/A	QP	100	268	TX



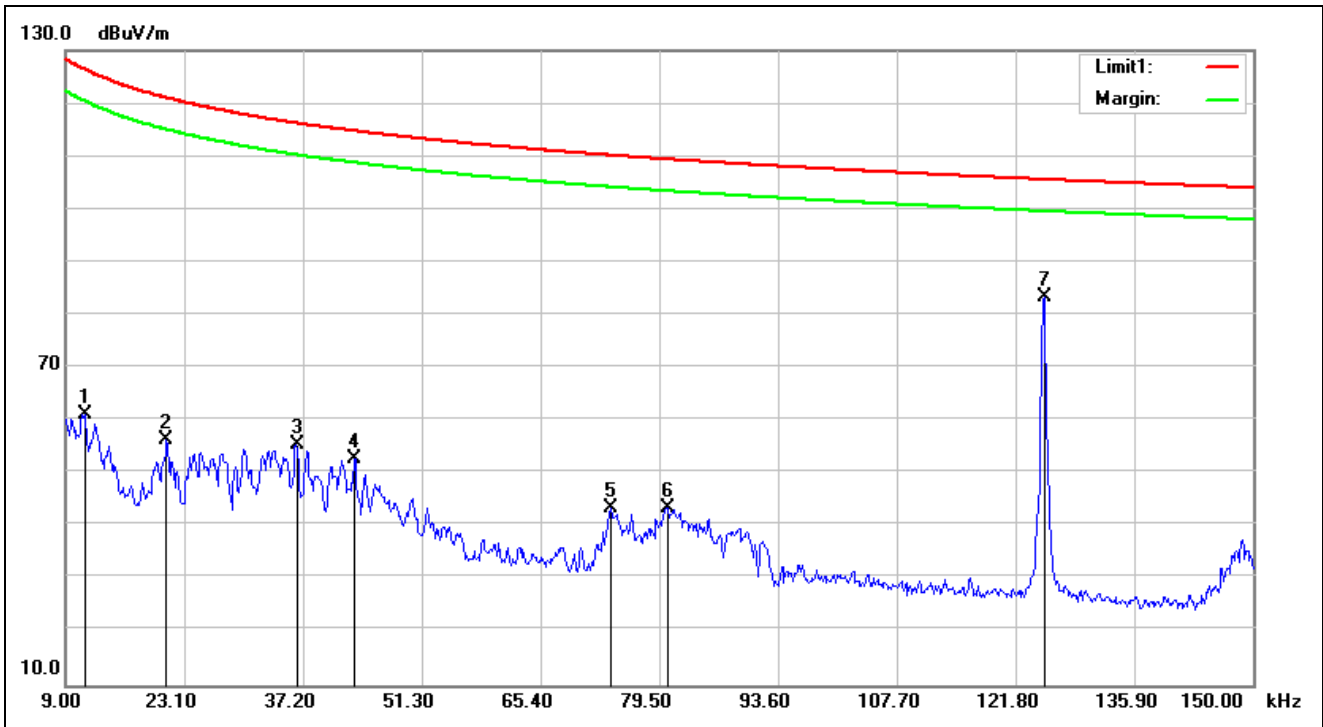
Service No.:	114078743(ASSY T325R RF+MD+RFID)_FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/7/12 15:39:00
Applicant:	Nedap	Test Rating:	AC 120V/60Hz
Product:	Lumen iL33	Temp.(°C)/Hum.(%):	25(°C)/50%
Model No.:	ASSY T325R RF+MD+RFID	Test Engineer:	Amy Hsu
Test Mode:	927.25kHz-TX		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.47	38.57	38.10	40.00	-1.90	QP	100	113	
2	75.5899	-12.87	50.53	37.66	40.00	-2.34	QP	100	119	
3	85.2900	-11.85	47.35	35.50	40.00	-4.50	QP	100	250	
4	267.6500	-5.96	47.26	41.30	46.00	-4.70	QP	100	172	
5	419.9400	-3.08	45.38	42.30	46.00	-3.70	QP	100	260	
6	756.5300	1.32	41.07	42.39	46.00	-3.61	QP	100	245	
7	864.2000	2.67	45.13	47.80	58.21	-10.41	QP	100	140	
8	927.2500	3.64	120.57	124.21	N/A	N/A	QP	100	135	TX

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

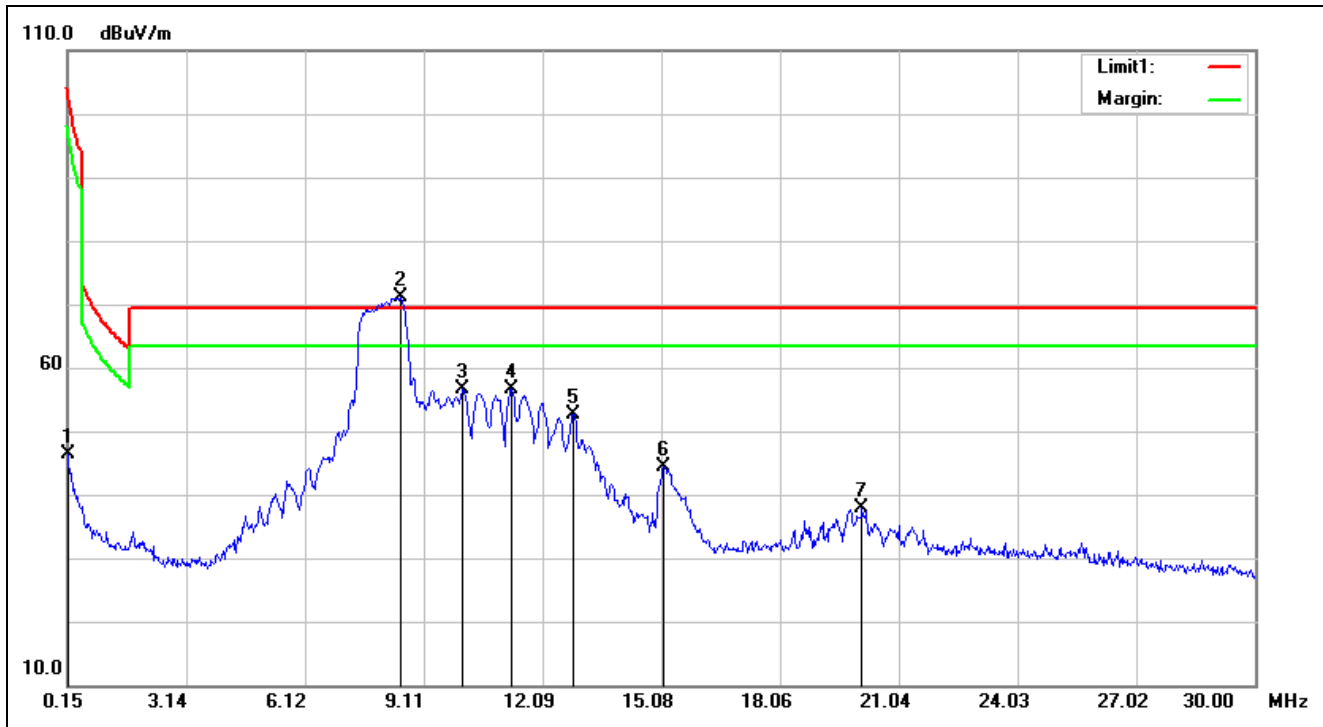


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 Tel:+886-2172-7000 fax:+886-2528-0018



<b>Service No.:</b>	<b>114078743(ASSY T325R RF+MD+RFID)_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>2018/7/12 19:55:50</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Lumen iL33</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>ASSY T325R RF+MD+RFID</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0113	18.57	42.70	61.27	126.34	-65.07	QP	100	317	
2	0.0210	18.96	37.25	56.21	120.99	-64.78	QP	100	285	
3	0.0364	19.19	36.33	55.52	116.24	-60.72	QP	100	320	
4	0.0433	19.05	33.74	52.79	114.74	-61.95	QP	100	320	
5	0.0737	18.64	24.68	43.32	110.15	-66.83	QP	100	256	
6	0.0803	18.56	24.86	43.42	109.41	-65.99	QP	100	248	
7	0.1252	18.33	65.05	83.38	105.58	-22.20	QP	100	104	TX

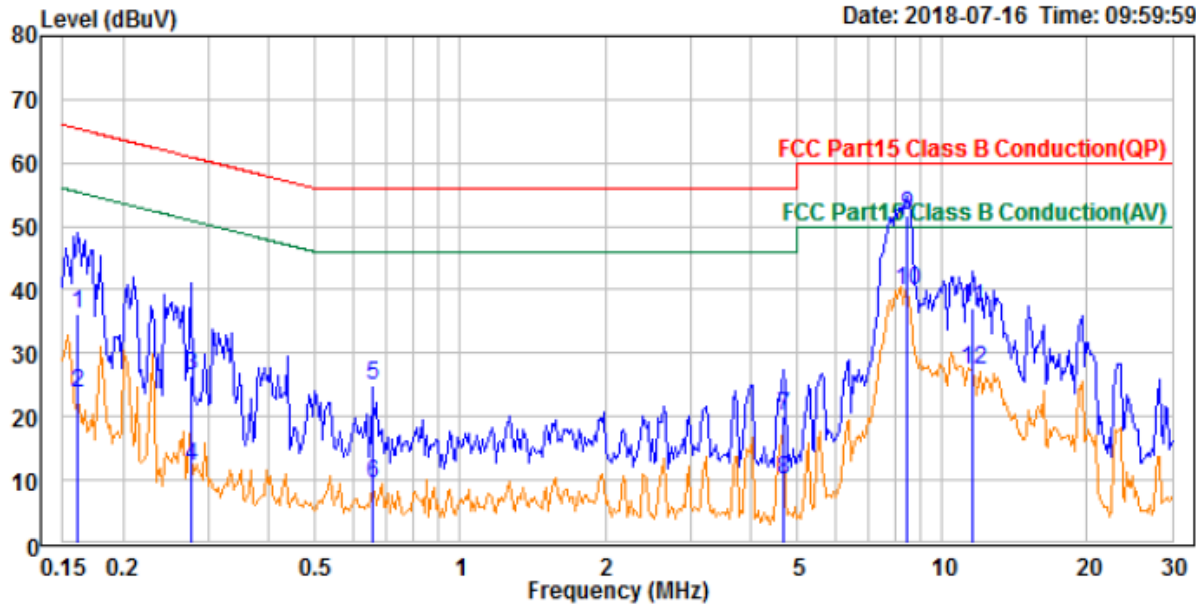


<b>Service No.:</b>	<b>114078743(ASSY T325R RF+MD+RFID)_FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC15.209_9k-1G_3m</b>	<b>Ant. Polarization:</b>	
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/12 19:58:22</b>
<b>Applicant:</b>	<b>Nedap</b>	<b>Test Rating:</b>	<b>AC 120V/60Hz</b>
<b>Product:</b>	<b>Lumen iL33</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>25(°C)/50%</b>
<b>Model No.:</b>	<b>ASSY T325R RF+MD+RFID</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1500	18.34	28.01	46.35	104.02	-57.67	QP	100	263	
2	8.5378	20.01	51.11	71.12	69.50	1.62	QP	100	81	TX
3	10.0900	20.29	36.23	56.52	69.50	-12.98	QP	100	73	
4	11.3139	20.42	36.25	56.67	69.50	-12.83	QP	100	222	
5	12.8660	20.61	32.04	52.65	69.50	-16.85	QP	100	272	
6	15.1347	20.85	23.49	44.34	69.50	-25.16	QP	100	277	
7	20.1196	21.40	16.43	37.83	69.50	-31.67	QP	100	89	

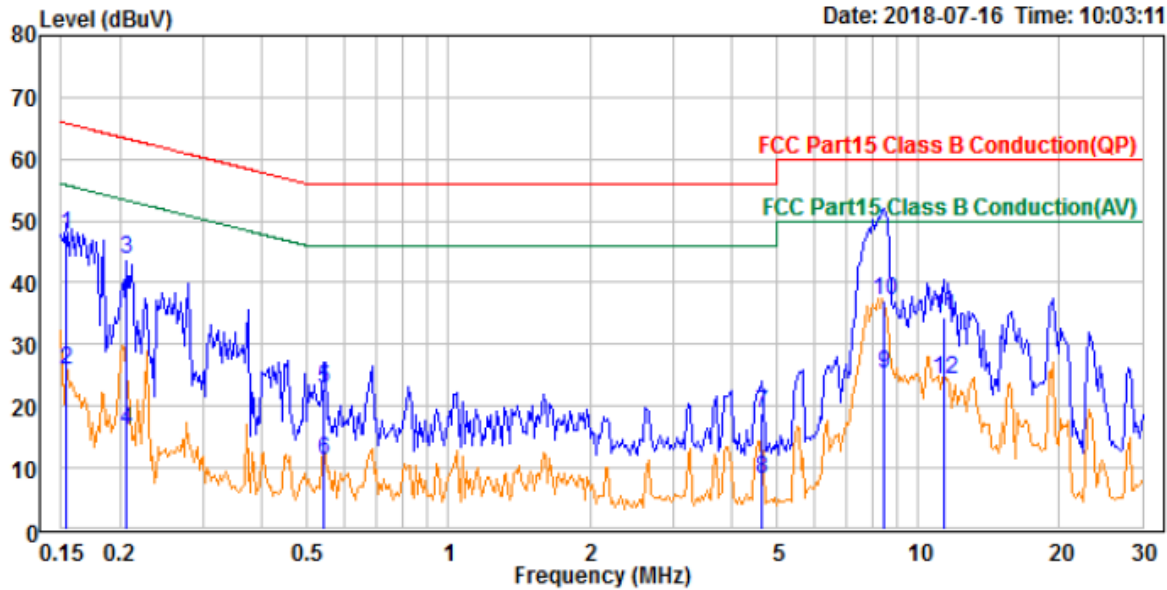
# Mains Spurious Emissions





Trace: 1  
 Site : Conduction room  
 Condition : FCC Part15 Class B Conduction(QP) line1  
 Test Engineer: Joe Tien  
 Applicant : Nedap  
 Product : Lumen iL33  
 Model No. : ASSY T325R RF+MD+RFID  
 Test Rating : 120Vac/60Hz  
 Tmp/Hum : 28.1 °C / 29%  
 Memo : Normal operation

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.161	26.61	9.68	36.29	65.42	-29.13	QP
2	0.161	13.92	9.68	23.60	55.42	-31.82	Average
3	0.278	16.80	9.68	26.48	60.88	-34.40	QP
4	0.278	2.43	9.68	12.11	50.88	-38.77	Average
5	0.660	15.26	9.69	24.95	56.00	-31.05	QP
6	0.660	-0.29	9.69	9.40	46.00	-36.60	Average
7	4.675	10.20	9.76	19.96	56.00	-36.04	QP
8	4.675	0.29	9.76	10.05	46.00	-35.95	Average
9	8.489	41.97	9.81	51.78	60.00	-8.22	QP
10	8.489	29.98	9.81	39.79	50.00	-10.21	Average
11	11.553	27.20	9.84	37.04	60.00	-22.96	QP
12	11.553	17.48	9.84	27.32	50.00	-22.68	Average



Trace: 1  
 Site : Conduction room  
 Condition : FCC Part15 Class B Conduction(QP) neutral  
 Test Engineer: Joe Tien  
 Applicant : Nedap  
 Product : Lumen iL33  
 Model No. : ASSY T325R RF+MD+RFID  
 Test Rating : 120Vac/60Hz  
 Tmp/Hum : 28.1 °C / 29%  
 Memo : Normal operation

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.153	38.20	9.68	47.88	65.83	-17.95	QP
2	0.153	16.06	9.68	25.74	55.83	-30.09	Average
3	0.206	34.17	9.68	43.85	63.36	-19.51	QP
4	0.206	6.55	9.68	16.23	53.36	-37.13	Average
5	0.541	13.27	9.68	22.95	56.00	-33.05	QP
6	0.541	1.43	9.68	11.11	46.00	-34.89	Average
7	4.629	9.19	9.76	18.95	56.00	-37.05	QP
8	4.629	-1.48	9.76	8.28	46.00	-37.72	Average
9	8.489	15.34	9.82	25.16	60.00	-34.84	QP
10	8.489	27.17	9.82	36.99	50.00	-13.01	Average
11	11.325	24.60	9.86	34.46	60.00	-25.54	QP
12	11.325	14.61	9.86	24.47	50.00	-25.53	Average