

Test Report No.50152537 001

Appendix D: Radiated Spurious Emission Data

(File: 50152537Appendix D)

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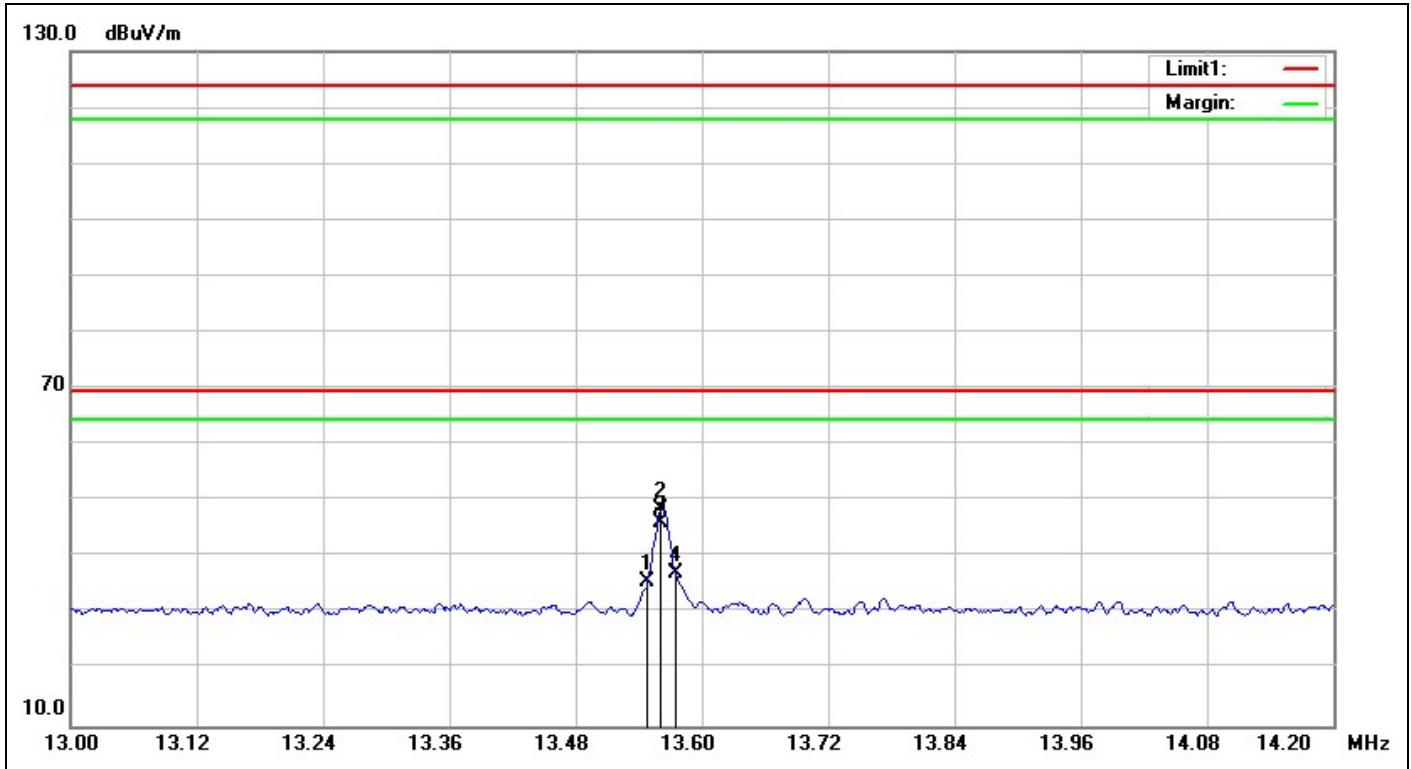
Emissions, Fundamental



TUV Rheinland Taiwan Ltd.

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

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



Service No.:	114076968	Test Distance:	3m
Test Standard:	NCC_13.56M_Fundamental 3m(QP)	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/30 10:41:05
Applicant:	ASSA ABLOY Hong Kong Ltd.	Test Rating:	DC 6V
Product:	Digital door locks	Temp.(°C)/Hum.(%):	25.3(°C)/49%
Model No.:	YDM7216	Test Engineer:	Kevin Kuo
Test Mode:	Fundamental		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	13.5529	20.84	14.80	35.64	69.50	-33.86	peak	100	108	
2	13.5600	20.85	27.70	48.55	123.90	-75.35	peak	100	251	
3	13.5600	20.85	25.27	46.12	123.90	-77.78	QP	100	33	
4	13.5671	20.85	16.43	37.28	69.50	-33.22	peak	100	12	

Emissions, Fundamental

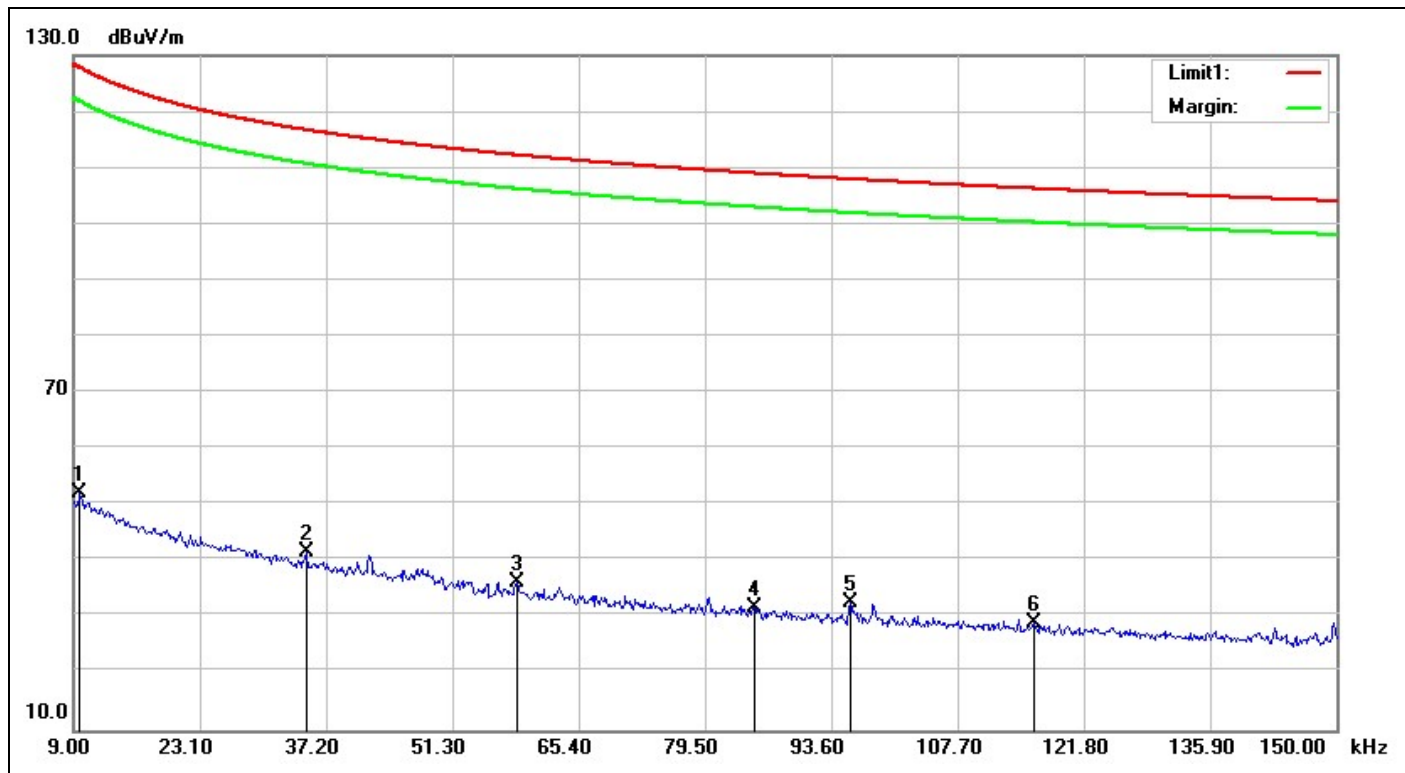
Spurious Emissions, TX Mode, 9K-30M



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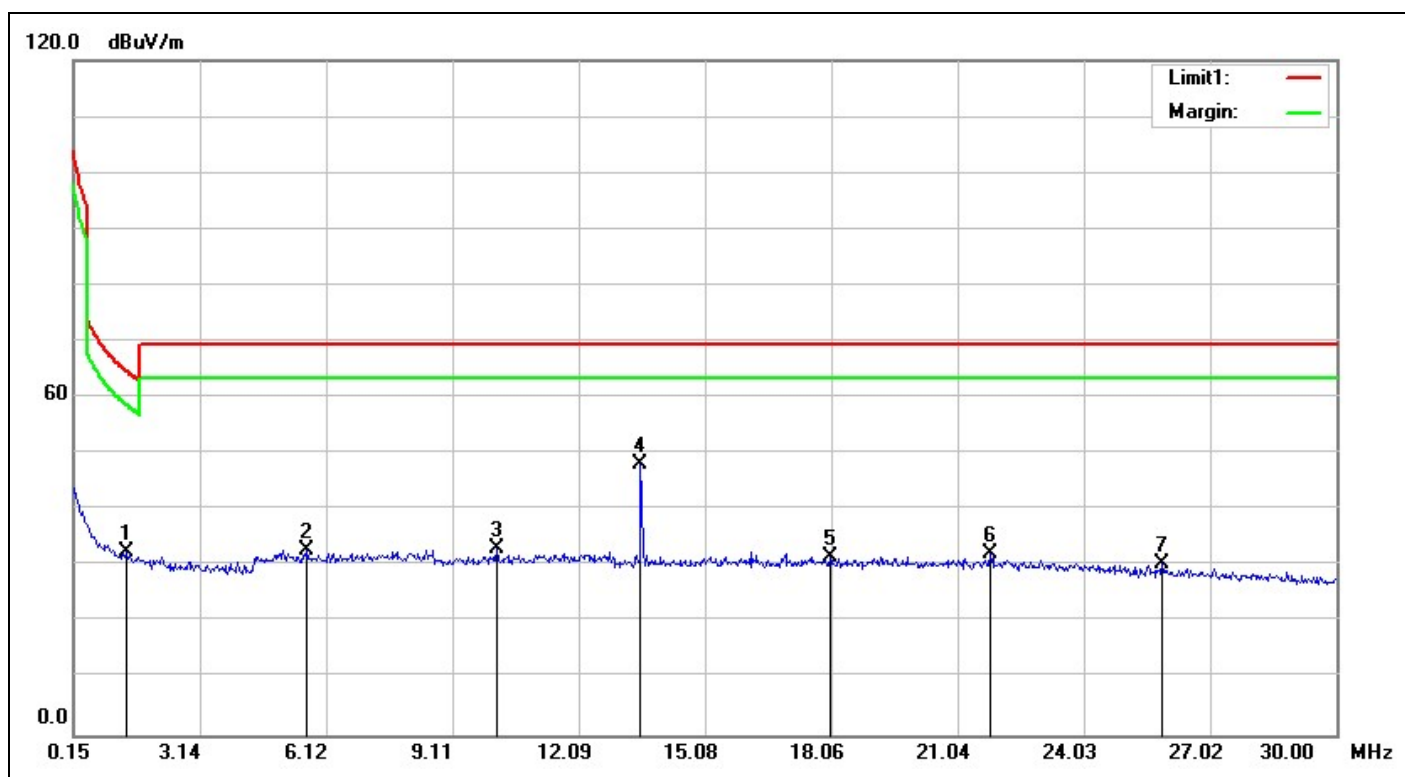
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114076968	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/30 10:35:03
Applicant:	ASSA ABLOY Hong Kong Ltd.	Test Rating:	DC 6V
Product:	Digital door locks	Temp.(°C)/Hum.(%):	25.3(°C)/49%
Model No.:	YDM7216	Test Engineer:	Kevin Kuo
Test Mode:	TX+RX 9K		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0097	19.81	32.27	52.08	127.85	-75.77	QP	100	119	
2	0.0349	19.96	21.56	41.52	116.73	-75.21	QP	100	236	
3	0.0585	19.38	16.79	36.17	112.25	-76.08	QP	100	208	
4	0.0850	19.22	12.52	31.74	109.01	-77.27	QP	100	126	
5	0.0957	19.16	13.40	32.56	107.98	-75.42	QP	100	111	
6	0.1162	19.11	9.93	29.04	106.29	-77.25	QP	100	103	



Service No.:	114076968	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/30 10:37:51
Applicant:	ASSA ABLOY Hong Kong Ltd.	Test Rating:	DC 6V
Product:	Digital door locks	Temp.(°C)/Hum.(%):	25.3(°C)/49%
Model No.:	YDM7216	Test Engineer:	Kevin Kuo
Test Mode:	TX+RX 150K		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1.4037	18.89	13.54	32.43	64.68	-32.25	QP	100	350	
2	5.6723	19.82	13.07	32.89	69.50	-36.61	QP	100	301	
3	10.1497	20.25	12.77	33.02	69.50	-36.48	QP	100	204	
4	13.5600	20.84	27.43	48.27	69.50	-21.23	QP	100	144	Fundamental
5	18.0302	21.64	9.99	31.63	69.50	-37.87	QP	100	25	
6	21.8211	22.11	10.01	32.12	69.50	-37.38	QP	100	31	
7	25.8807	22.37	8.06	30.43	69.50	-39.07	QP	100	210	

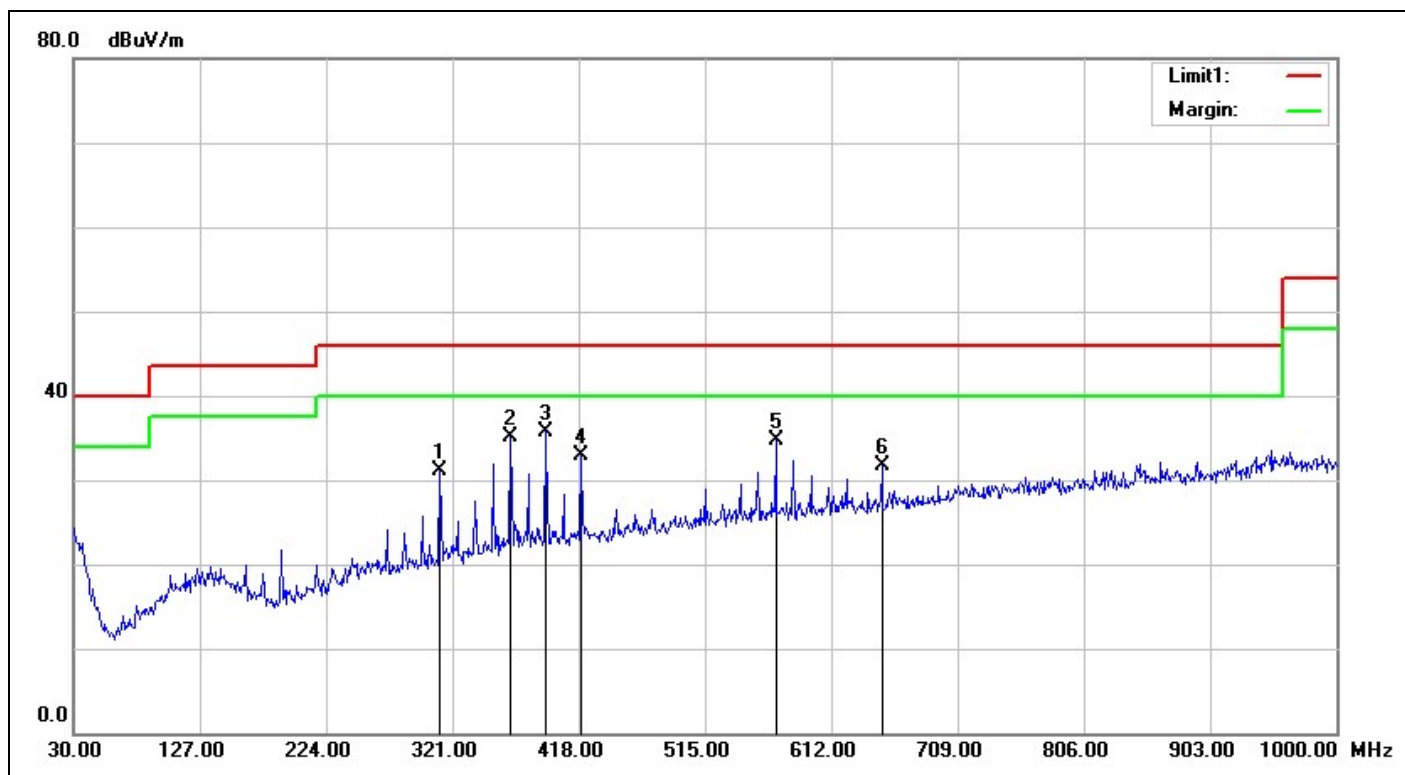
Spurious Emissions, TX Mode,30M-1G



TUV Rheinland Taiwan Ltd.

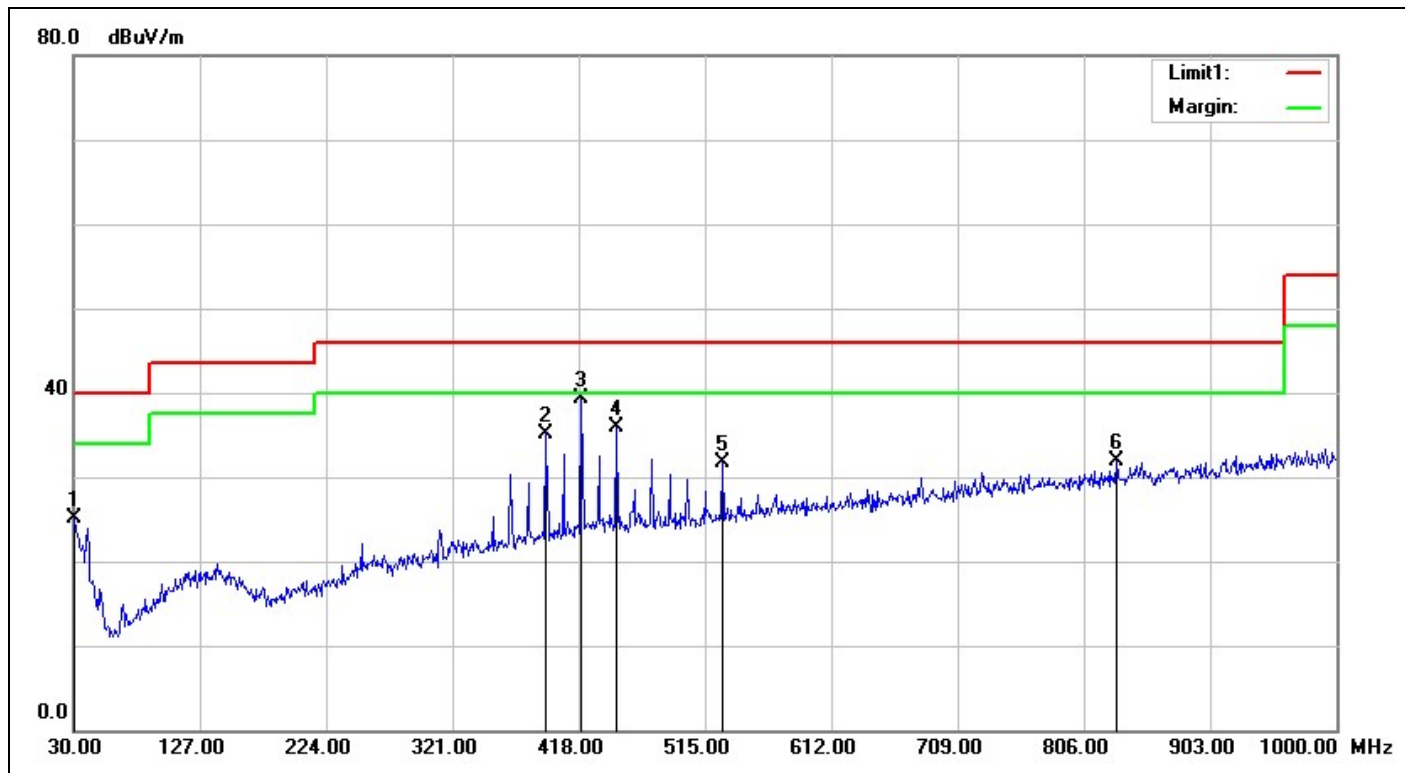
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Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114076968	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/30 10:24:37
Applicant:	ASSA ABLOY Hong Kong Ltd.	Test Rating:	DC 6V
Product:	Digital door locks	Temp.(°C)/Hum.(%):	25.3(°C)/49%
Model No.:	YDM7216	Test Engineer:	Kevin Kuo
Test Mode:	TX+RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	311.3000	-4.29	35.35	31.06	46.00	-14.94	QP	100	83	
2	365.6200	-3.06	38.11	35.05	46.00	-10.95	QP	100	94	
3	392.7799	-2.56	38.29	35.73	46.00	-10.27	QP	100	80	
4	419.9400	-2.22	35.14	32.92	46.00	-13.08	QP	100	75	
5	569.3200	-0.24	35.04	34.80	46.00	-11.20	QP	100	16	
6	650.8000	0.54	31.23	31.77	46.00	-14.23	QP	100	139	



Service No.:	114076968	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/30 10:25:40
Applicant:	ASSA ABLOY Hong Kong Ltd.	Test Rating:	DC 6V
Product:	Digital door locks	Temp.(°C)/Hum.(%):	25.3(°C)/49%
Model No.:	YDM7216	Test Engineer:	Kevin Kuo
Test Mode:	TX+RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.9700	-0.79	25.99	25.20	40.00	-14.80	QP	100	307	
2	392.7800	-2.56	37.76	35.20	46.00	-10.80	QP	100	232	
3	419.9400	-2.22	41.47	39.25	46.00	-6.75	QP	100	214	
4	447.1000	-1.93	37.86	35.93	46.00	-10.07	QP	100	139	
5	528.5800	-0.76	32.54	31.78	46.00	-14.22	QP	100	203	
6	831.2200	3.36	28.60	31.96	46.00	-14.04	QP	100	358	