

Test Report No.50185431 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50185431 001 AppendixD)

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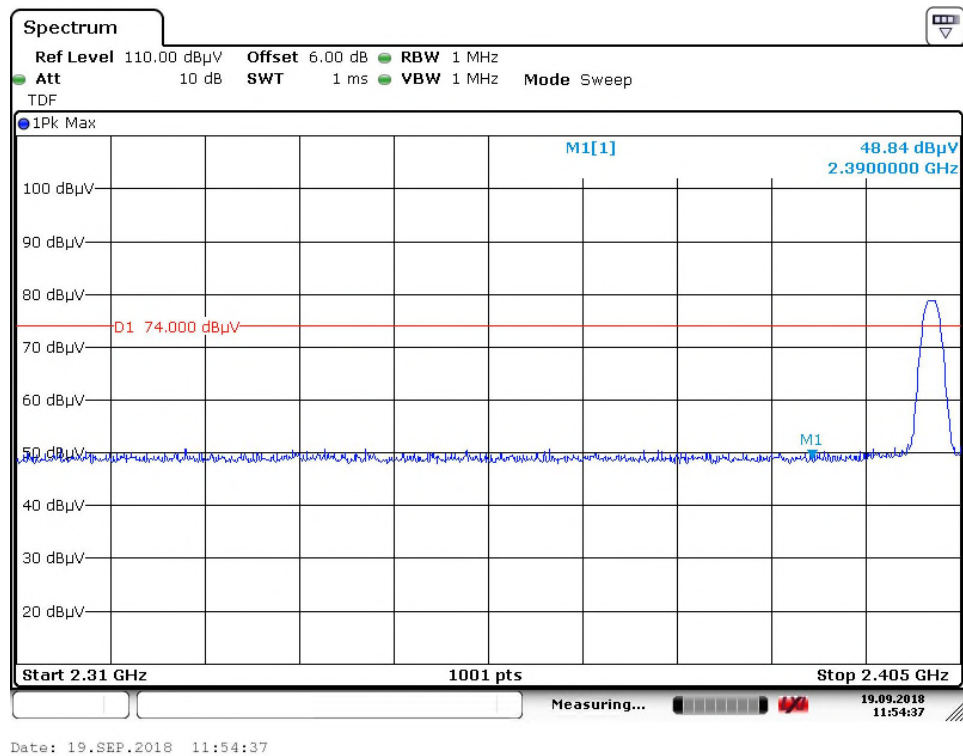
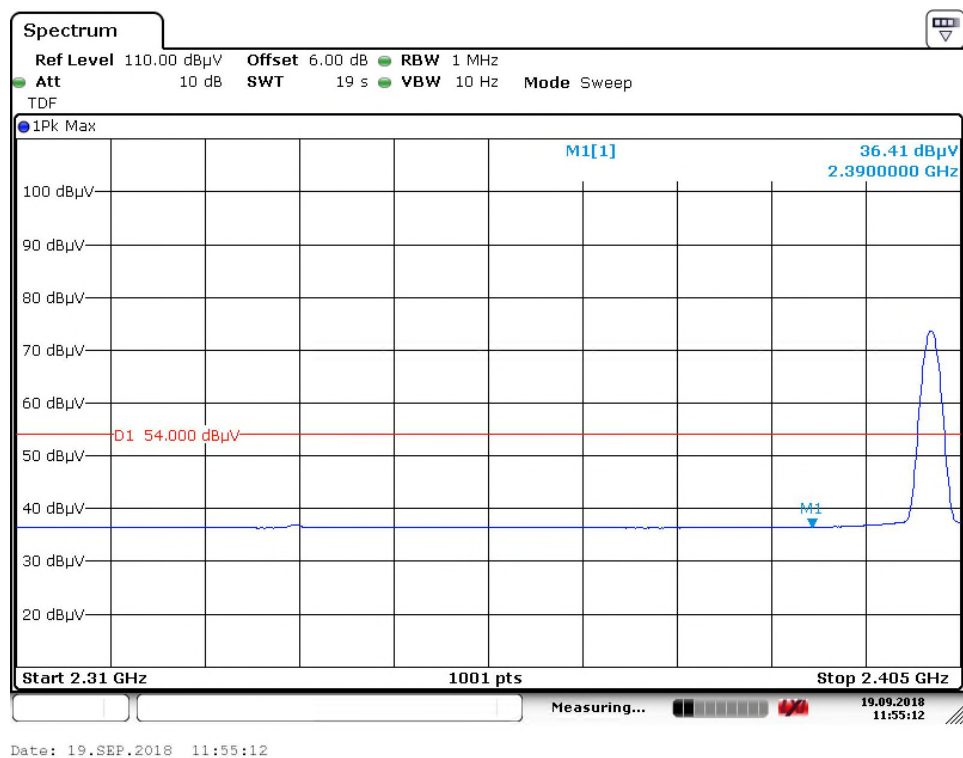
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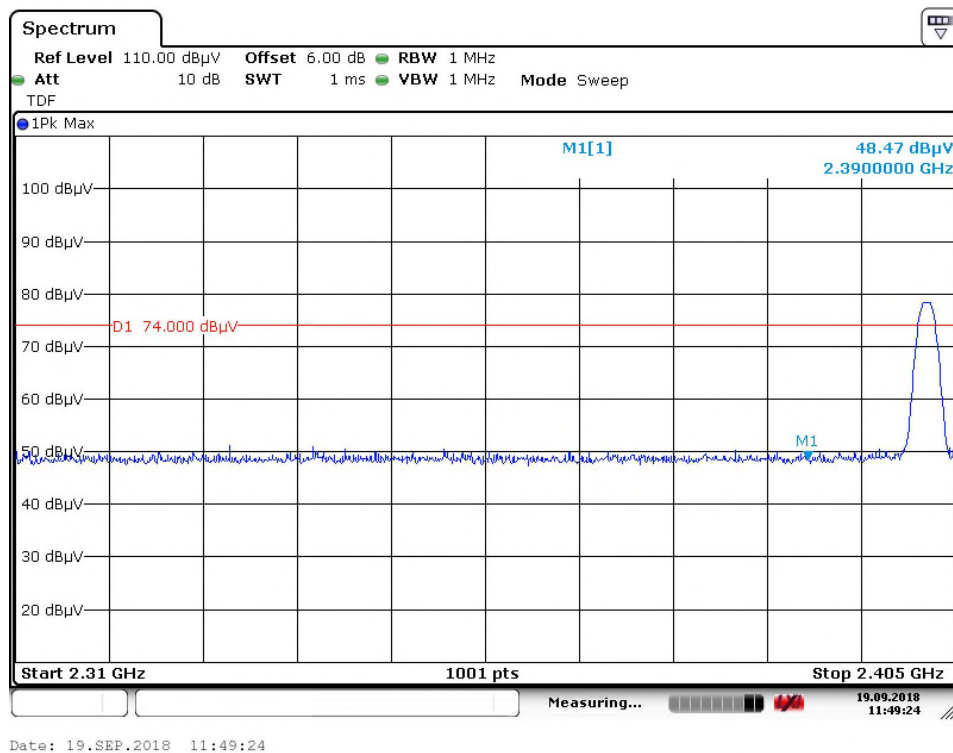
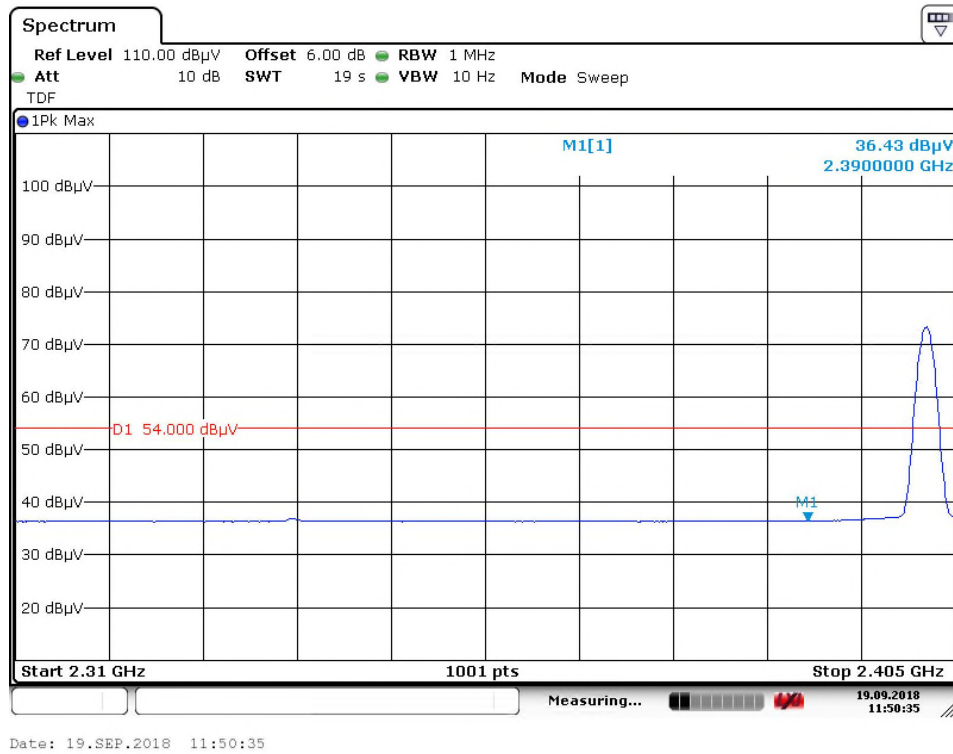
Spurious Emissions, Band Edges, 2.35-2.5G

Radiated Bandedge (GFSK)

Low Channel (Hor)

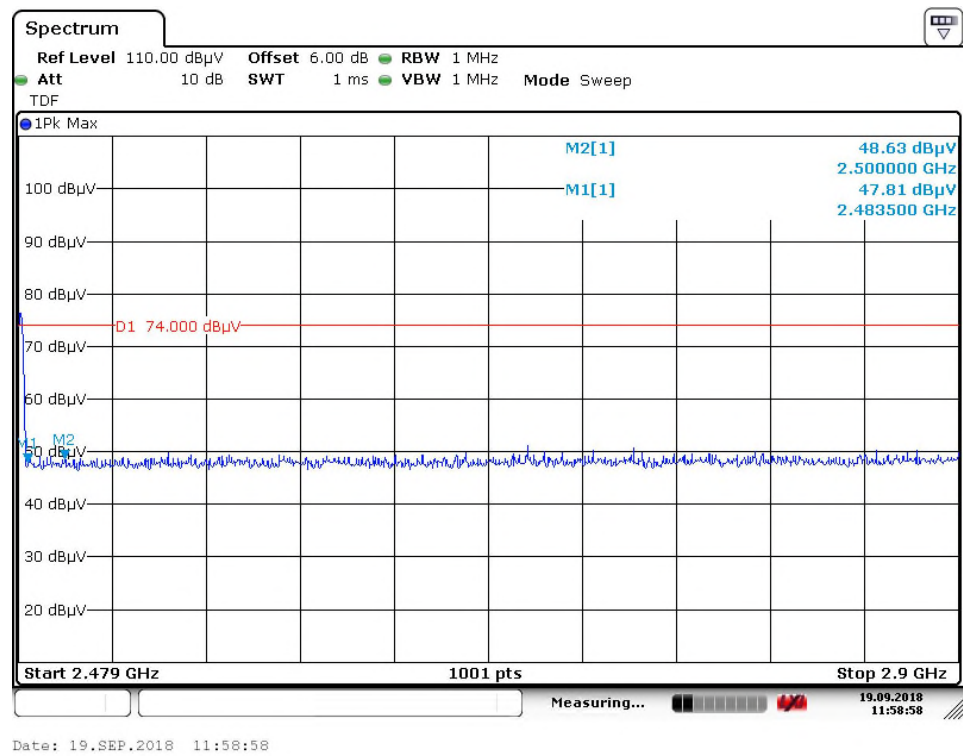
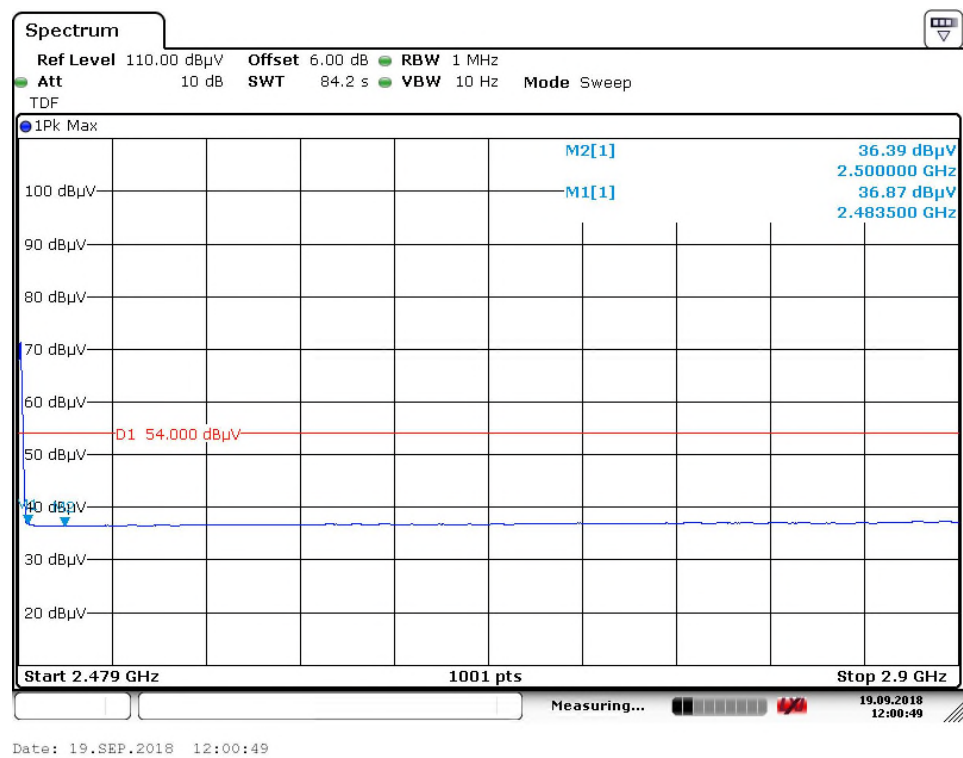


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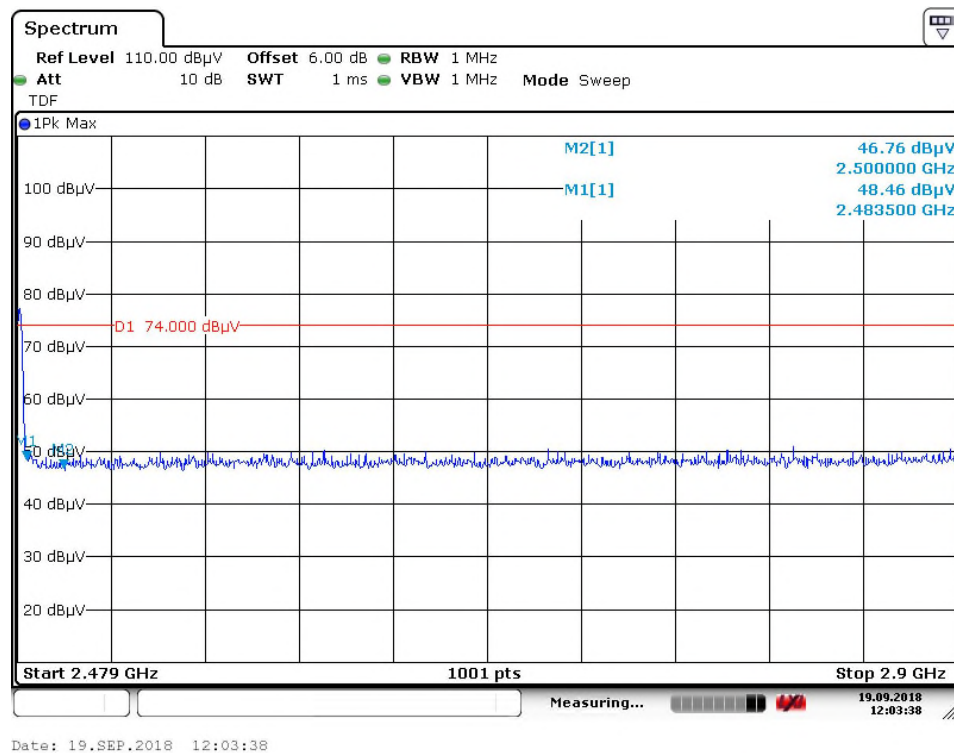
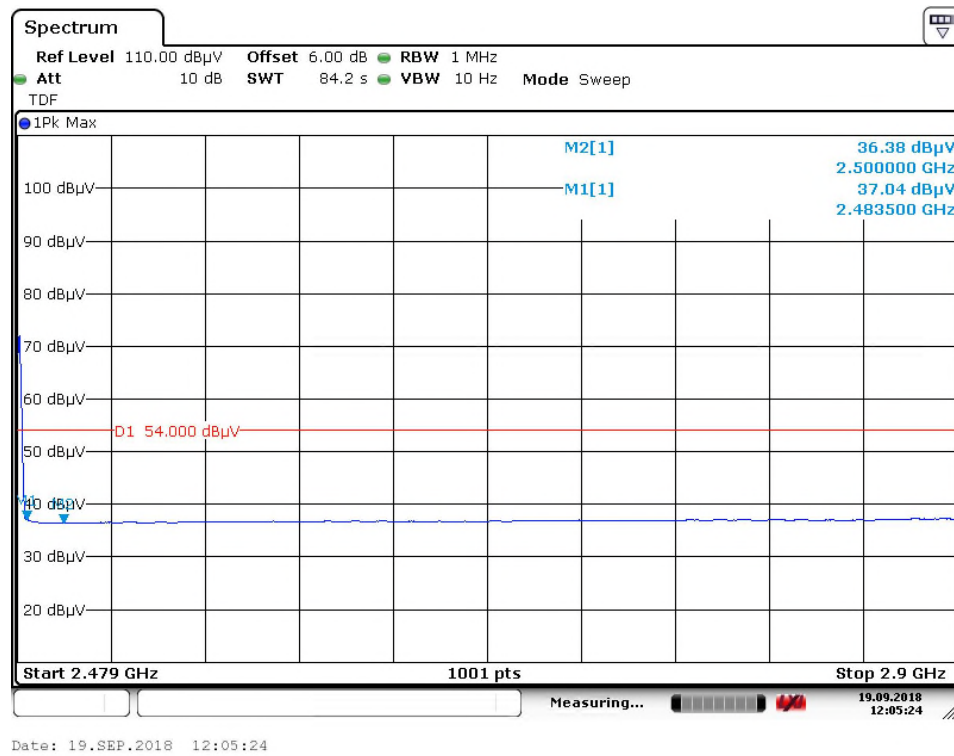


Radiated Bandedge (GFSK)

High Channel (Hor)



High Channel (Ver)



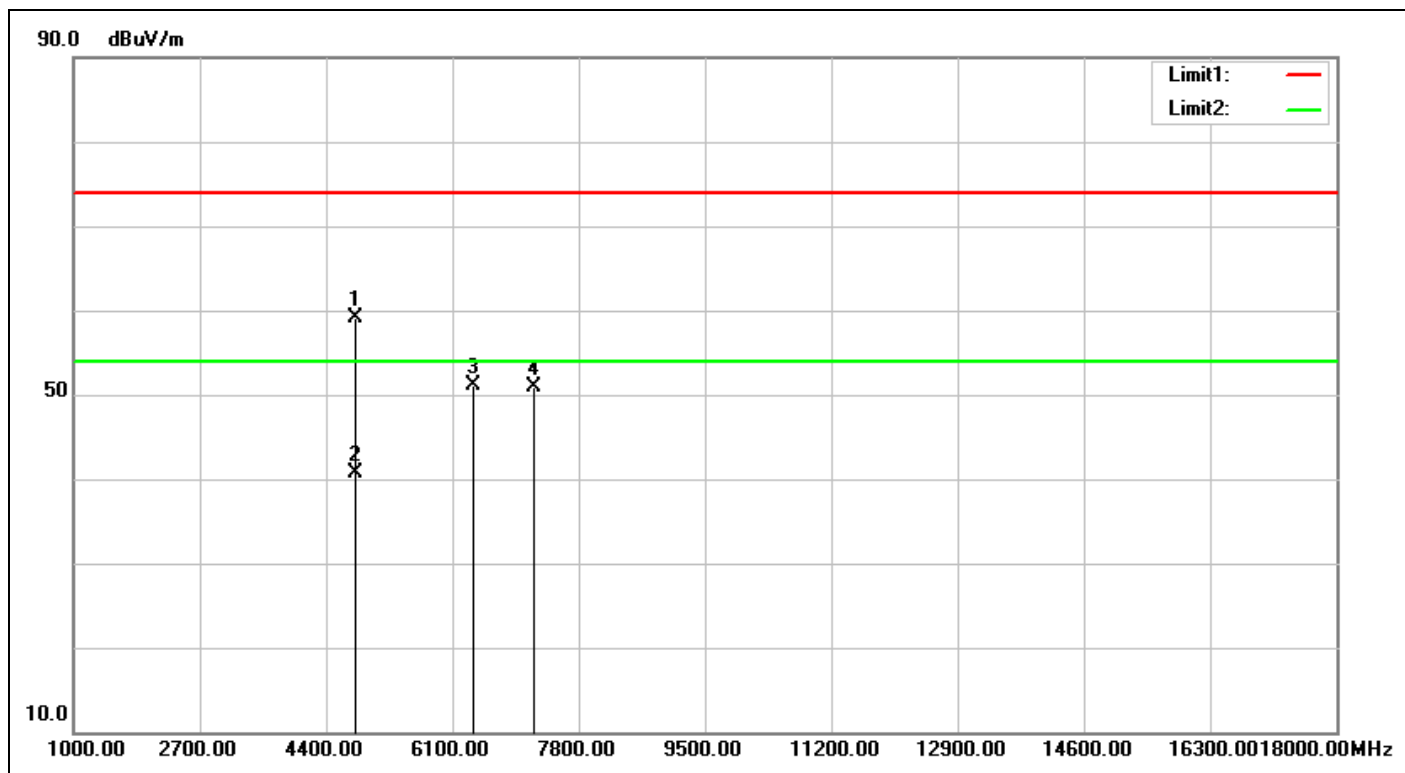
Spurious Emissions, TX Mode, 1-18G



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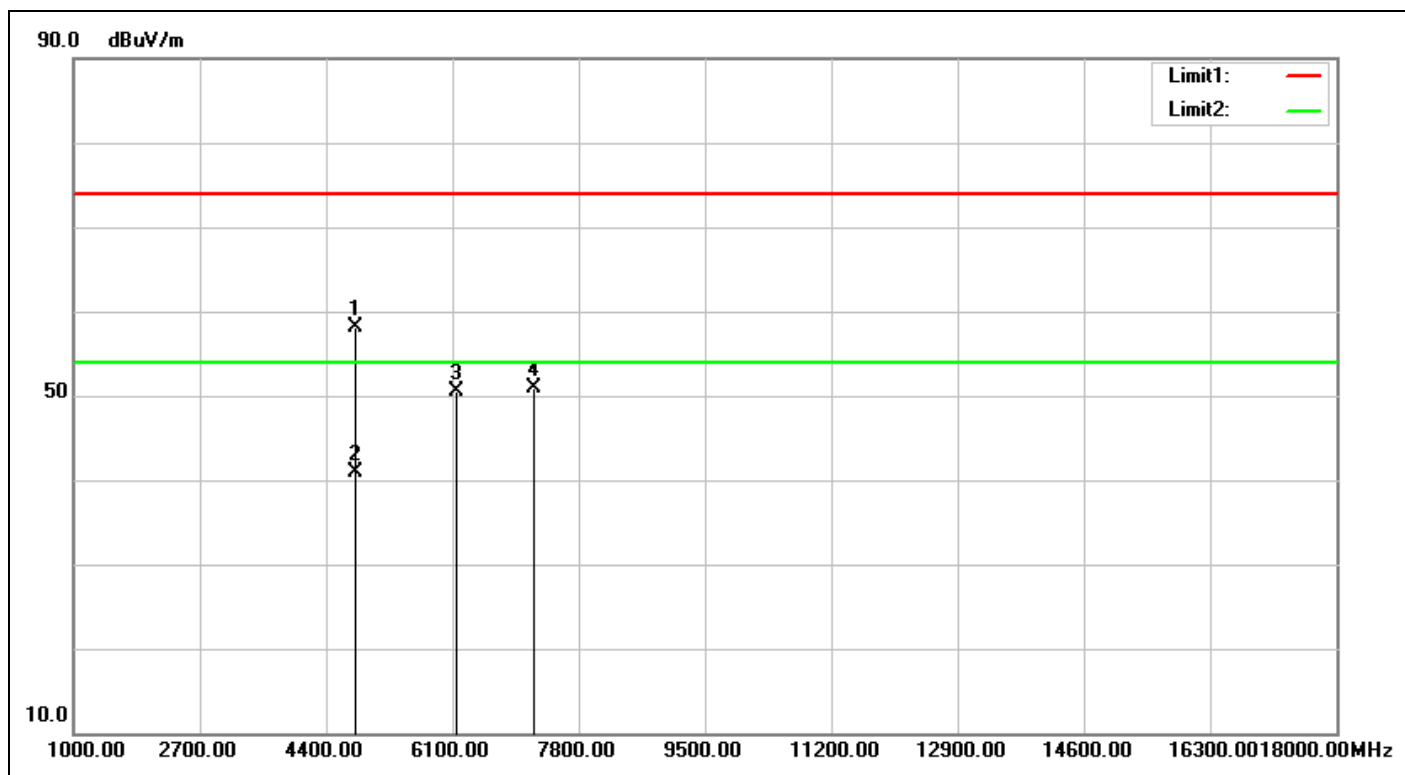
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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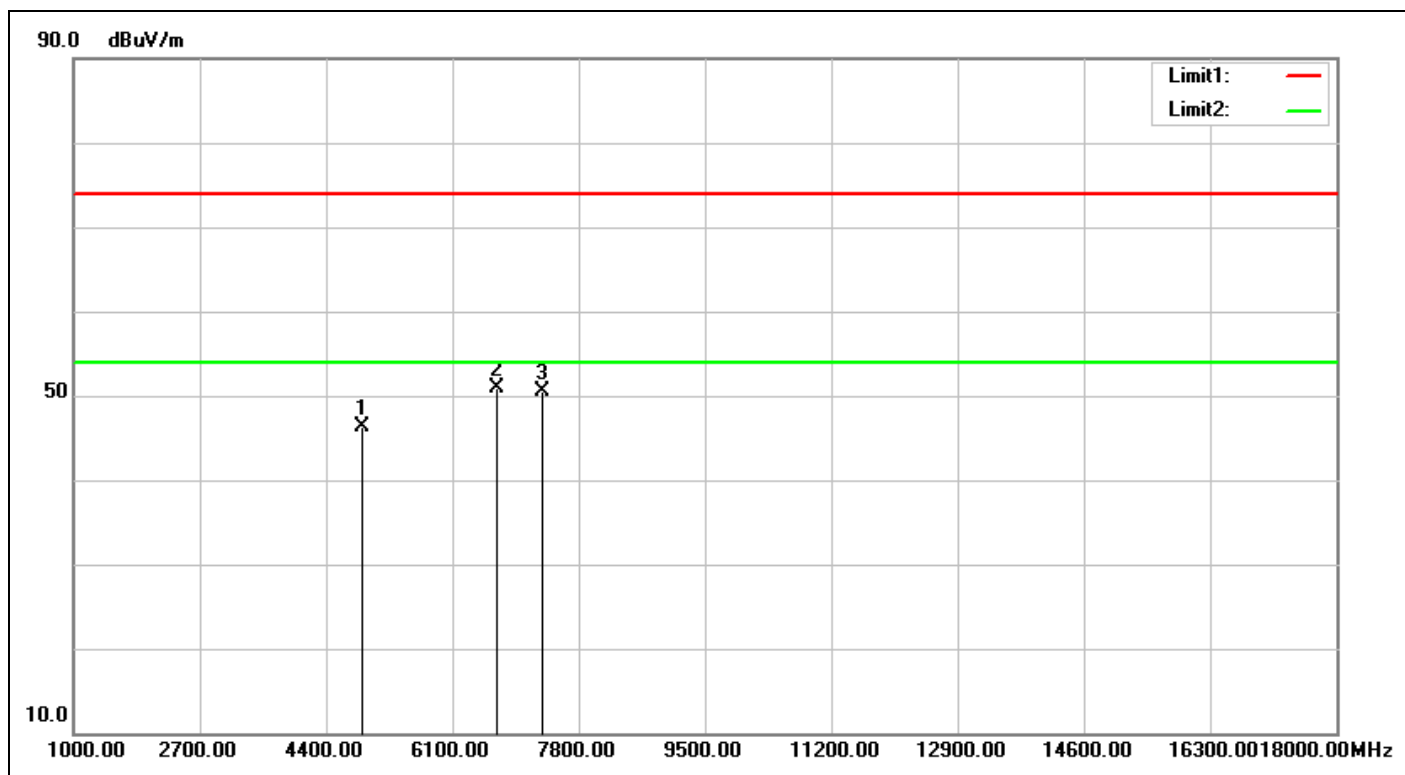
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/9/19 10:55:21
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%)	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.65	61.71	59.06	74.00	-14.94	peak	100	336	
2	4804.000	-2.65	43.39	40.74	54.00	-13.26	AVG	100	336	
3	6389.000	4.97	46.11	51.08	74.00	-22.92	peak	100	357	
4	7206.000	5.26	45.68	50.94	74.00	-23.06	peak	100	142	



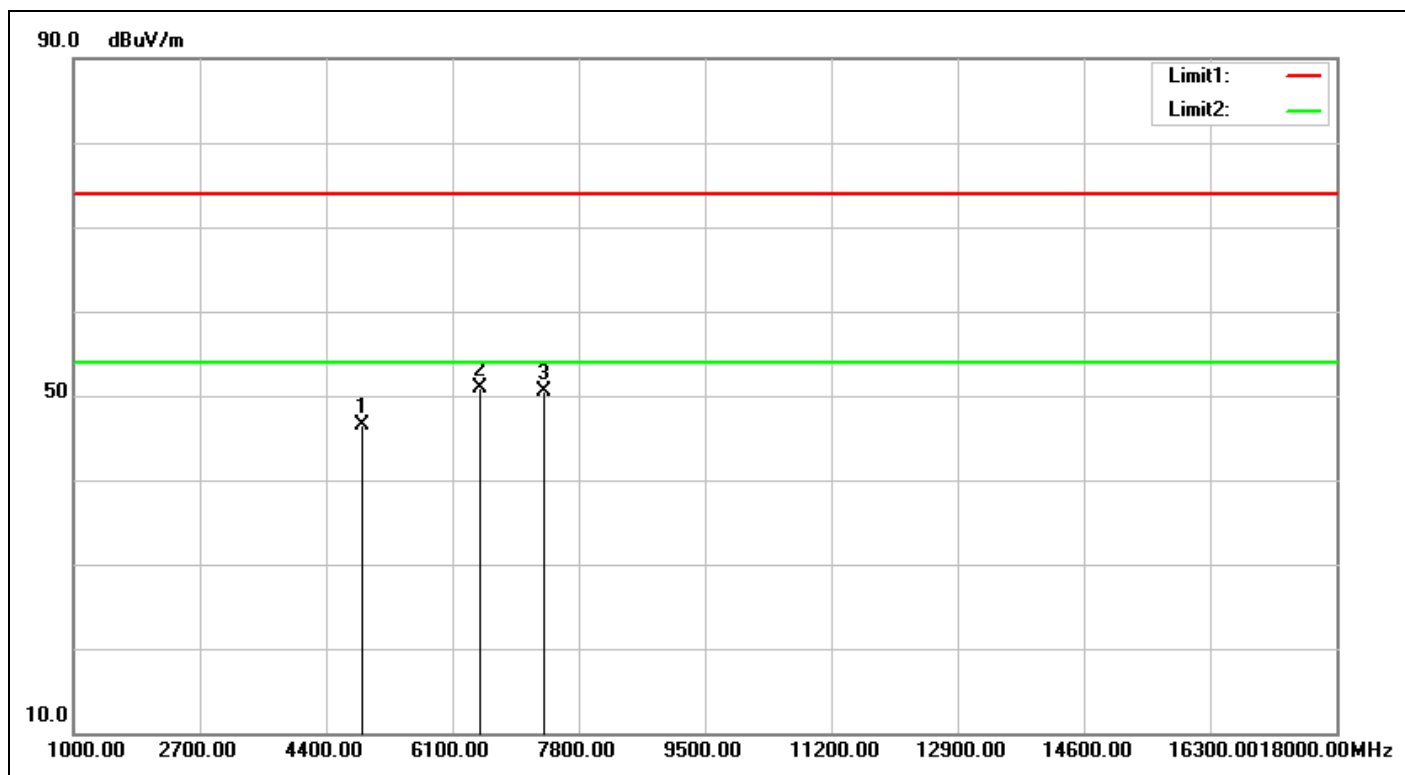
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/9/19 10:56:24
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%)	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.65	60.81	58.16	74.00	-15.84	peak	100	69	
2	4804.000	-2.65	43.61	40.96	54.00	-13.04	AVG	100	69	
3	6151.000	3.97	46.47	50.44	74.00	-23.56	peak	100	63	
4	7206.000	5.26	45.69	50.95	74.00	-23.05	peak	100	120	



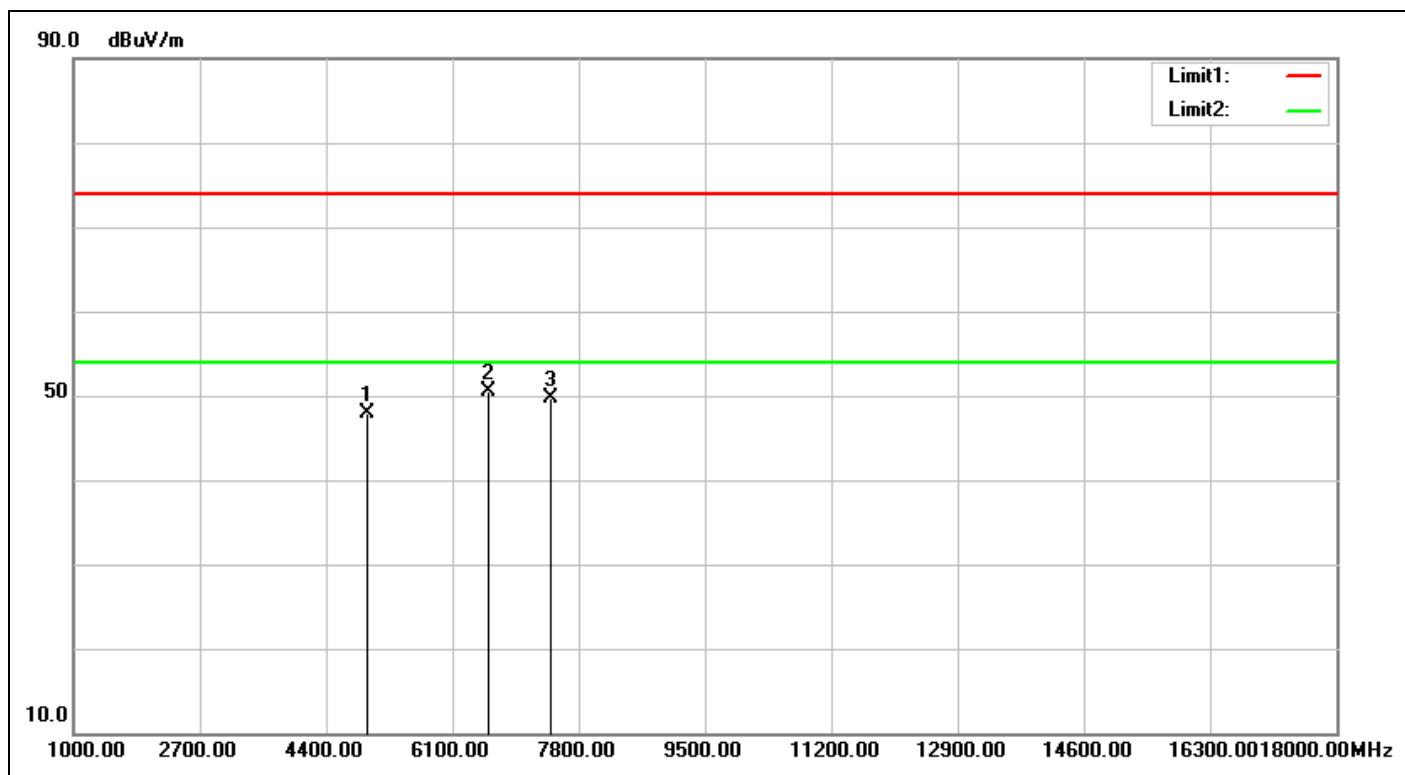
Service No.:	114079901	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/9/19 11:18:29
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%)	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4880.000	-2.44	48.68	46.24	74.00	-27.76	peak	100	150	
2	6695.000	5.18	45.80	50.98	74.00	-23.02	peak	100	316	
3	7320.000	5.52	44.95	50.47	74.00	-23.53	peak	100	78	



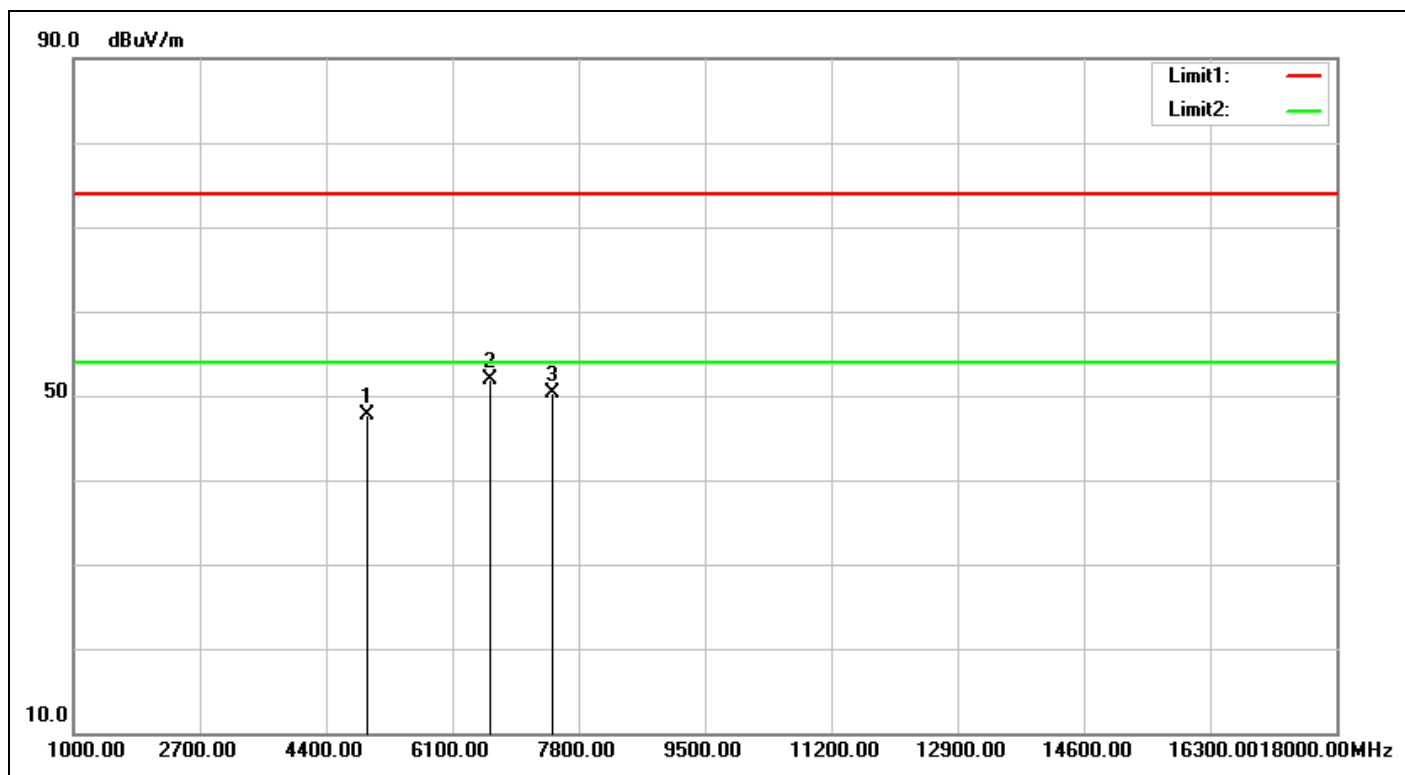
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/9/19 11:19:31
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%)	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4880.000	-2.44	48.91	46.47	74.00	-27.53	peak	100	209	
2	6474.000	5.32	45.49	50.81	74.00	-23.19	peak	100	149	
3	7320.000	5.52	45.05	50.57	74.00	-23.43	peak	100	155	



Service No.:	114079901	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/9/19 11:22:02
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%)	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.22	50.12	47.90	74.00	-26.10	peak	100	172	
2	6576.000	5.33	45.11	50.44	74.00	-23.56	peak	100	140	
3	7440.000	5.79	44.00	49.79	74.00	-24.21	peak	100	43	



Service No.:	114079901	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/9/19 11:23:05
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%)	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.22	49.94	47.72	74.00	-26.28	peak	100	182	
2	6610.000	5.29	46.54	51.83	74.00	-22.17	peak	100	310	
3	7440.000	5.79	44.58	50.37	74.00	-23.63	peak	100	276	

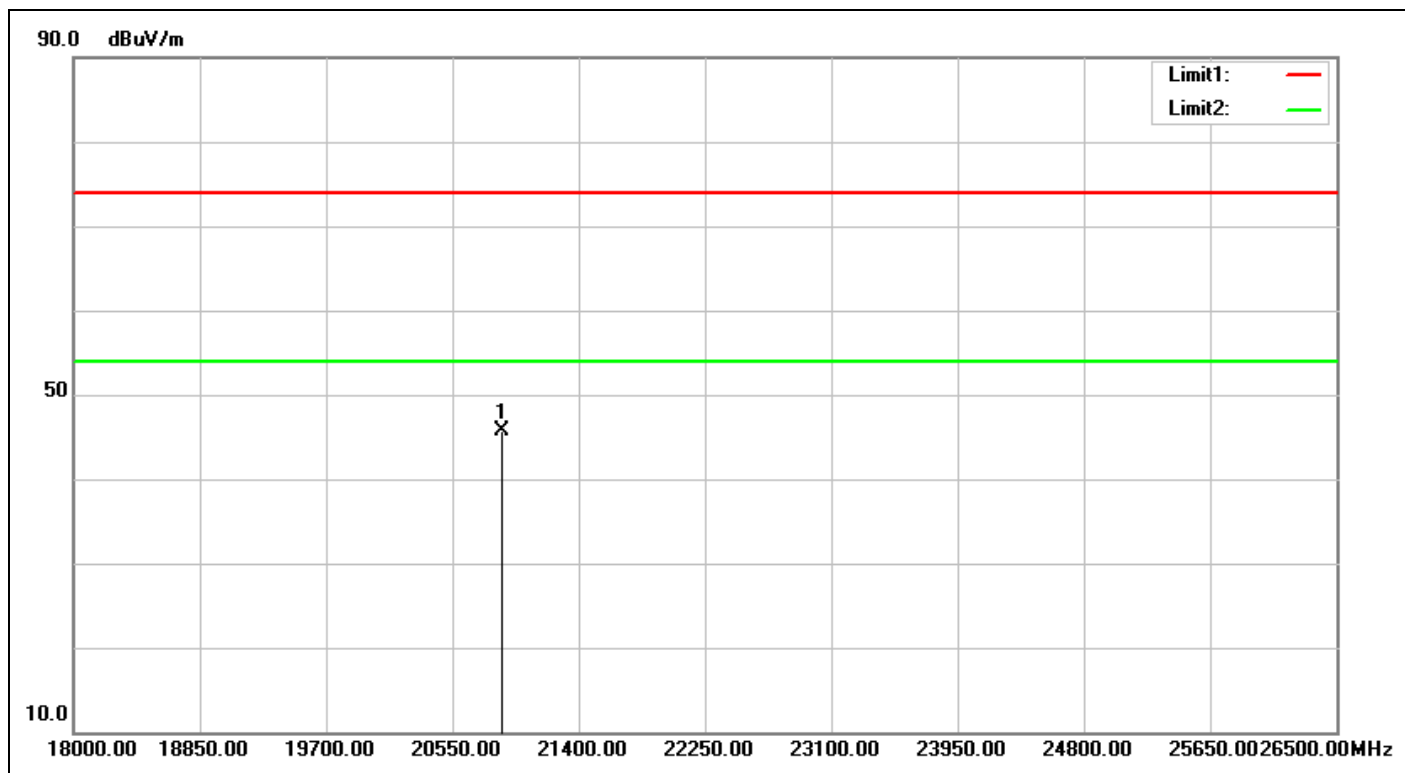
Spurious Emissions, TX Mode, 18-26G



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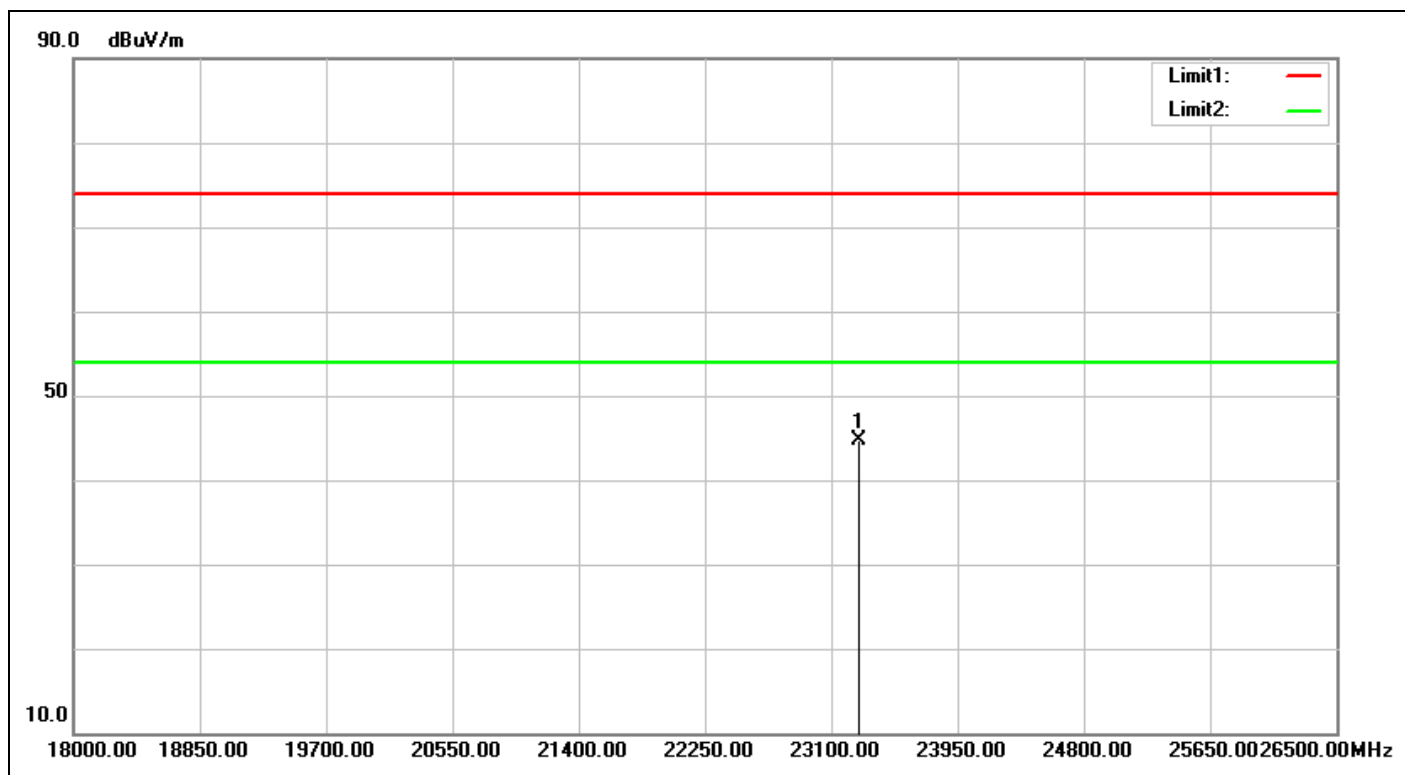
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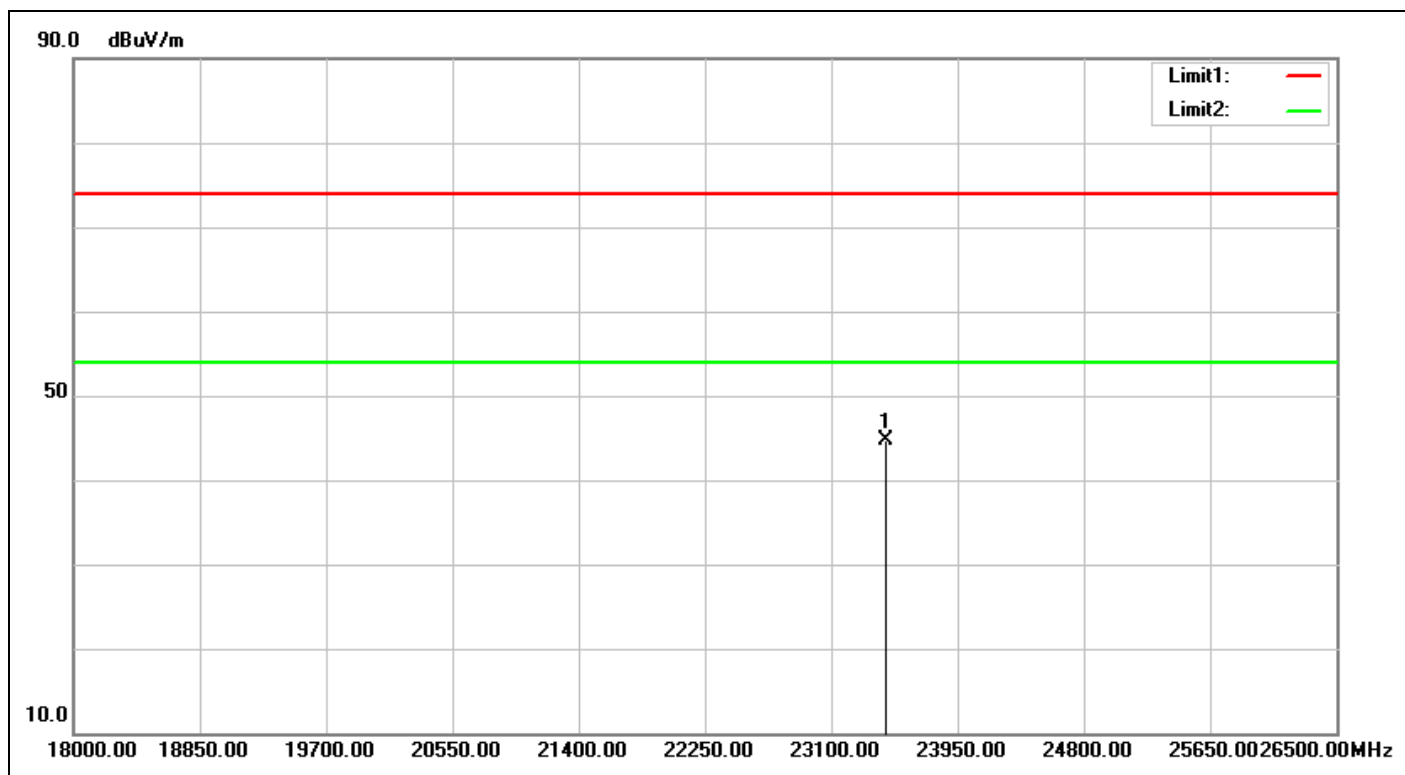
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/9/19 17:12:30
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%)	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20881.500	4.65	41.12	45.77	74.00	-28.23	peak	100	279	



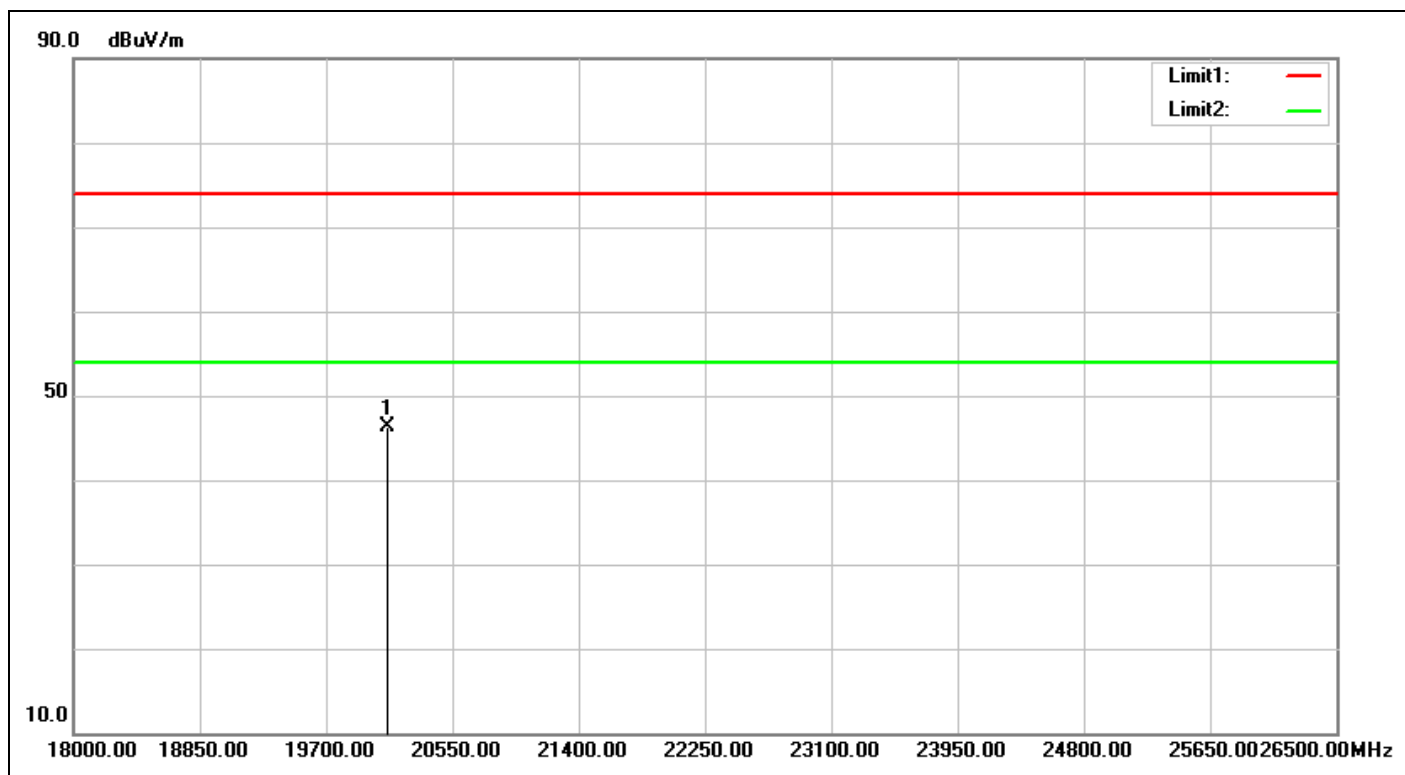
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/9/19 17:13:42
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%):	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23287.000	5.64	39.15	44.79	74.00	-29.21	peak	100	278	



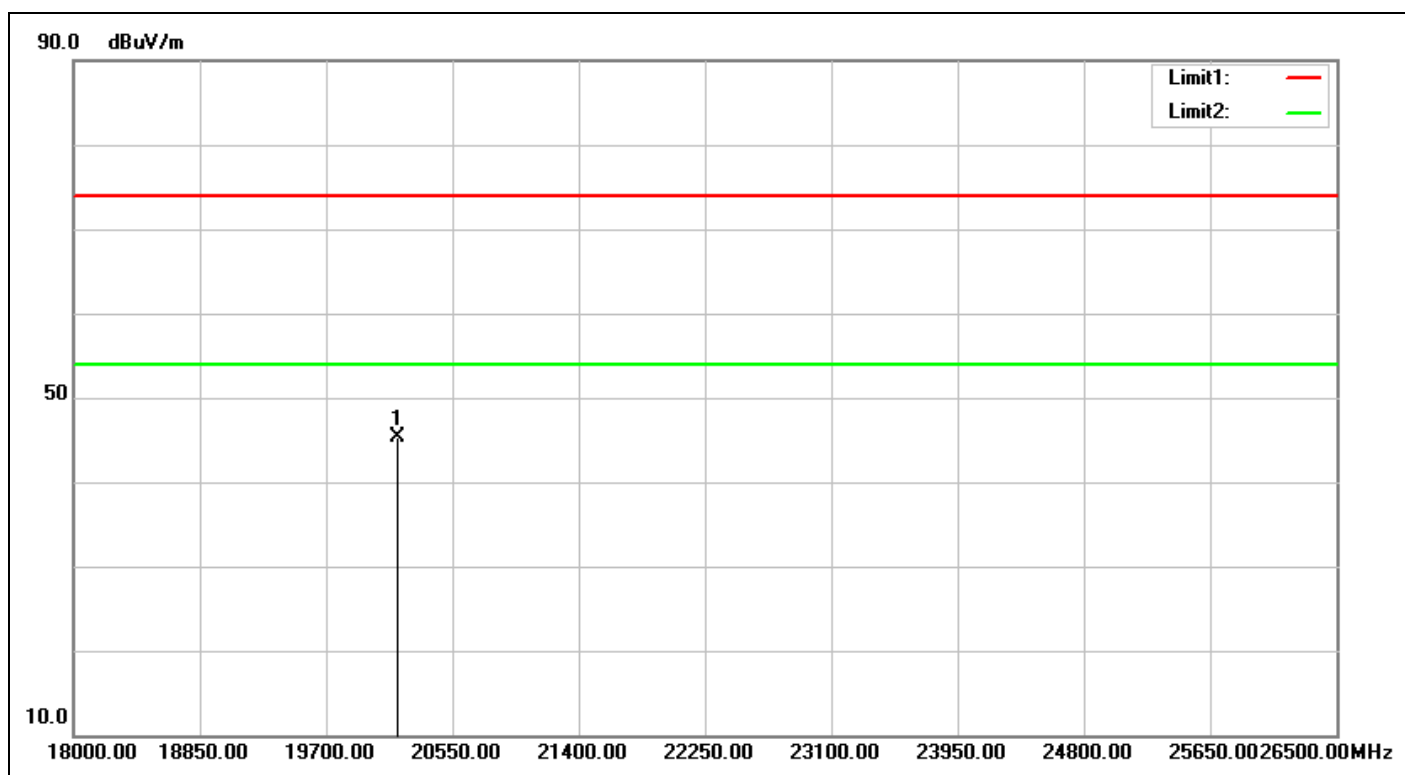
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/9/19 17:15:03
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%):	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23465.500	5.83	38.85	44.68	74.00	-29.32	peak	100	188	



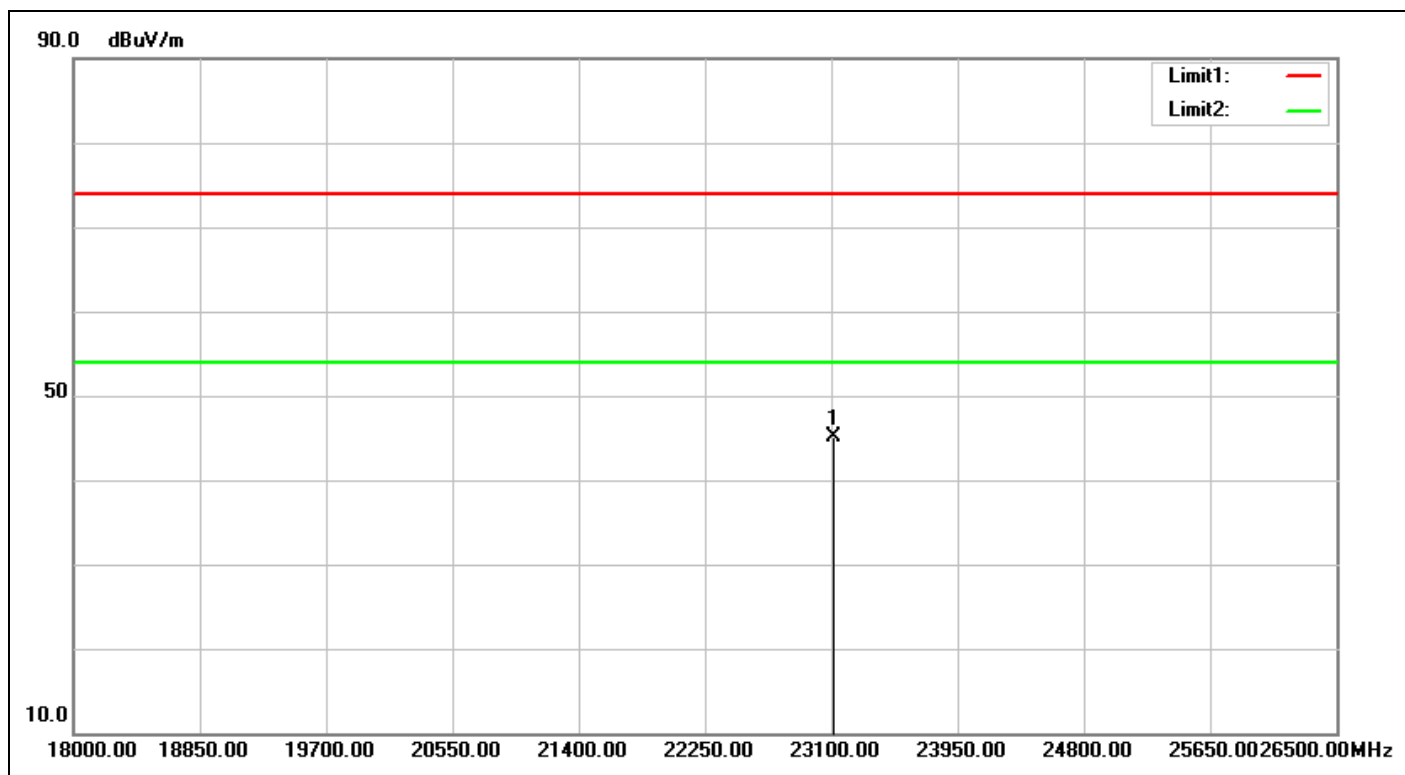
Service No.:	114079901	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/9/19 17:16:06
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%):	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20116.500	4.25	41.99	46.24	74.00	-27.76	peak	100	14	



Service No.:	114079901	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/9/19 17:17:24
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%):	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20184.500	4.24	41.03	45.27	74.00	-28.73	peak	100	287	



Service No.:	114079901	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/9/19 17:18:27
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%):	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23117.000	5.44	39.59	45.03	74.00	-28.97	peak	100	344	

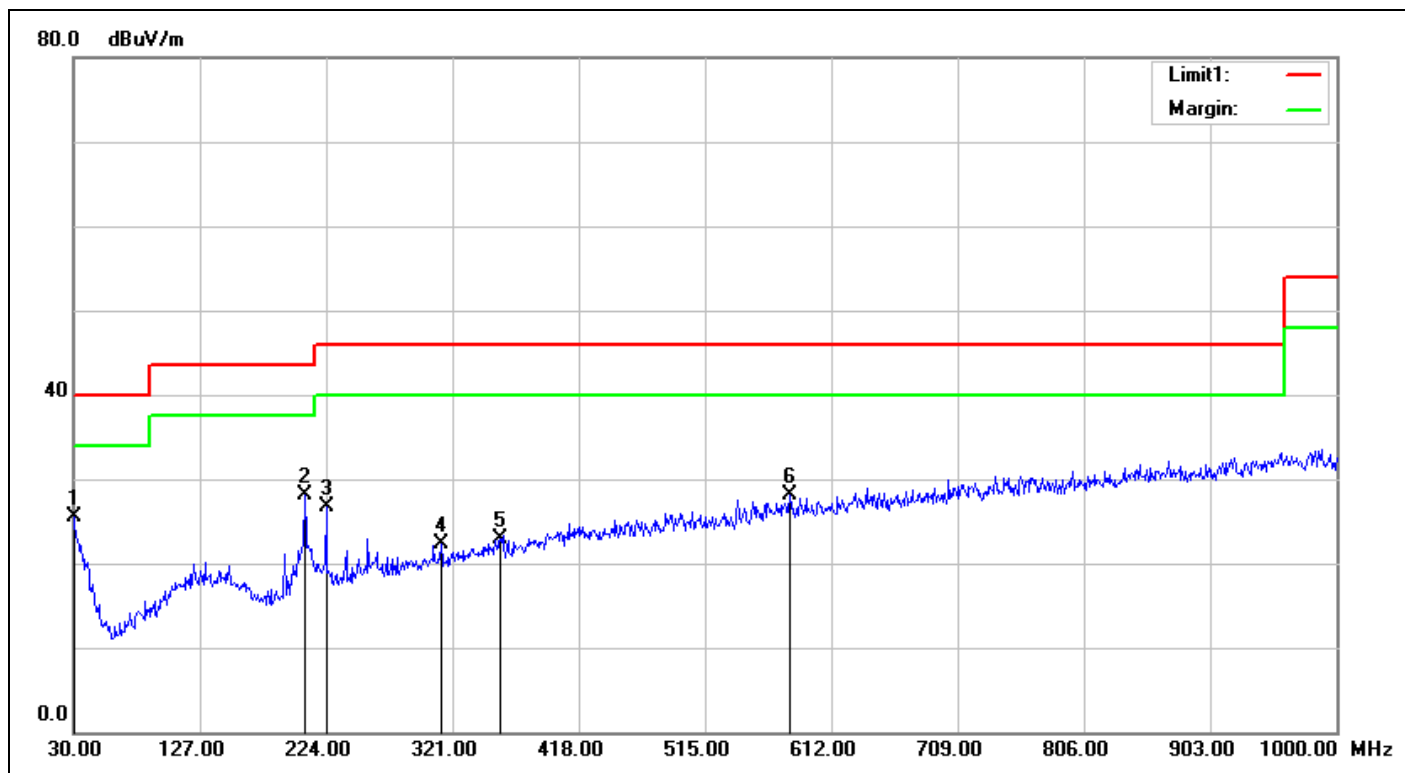
Spurious Emissions, TX Mode, 30M-1G



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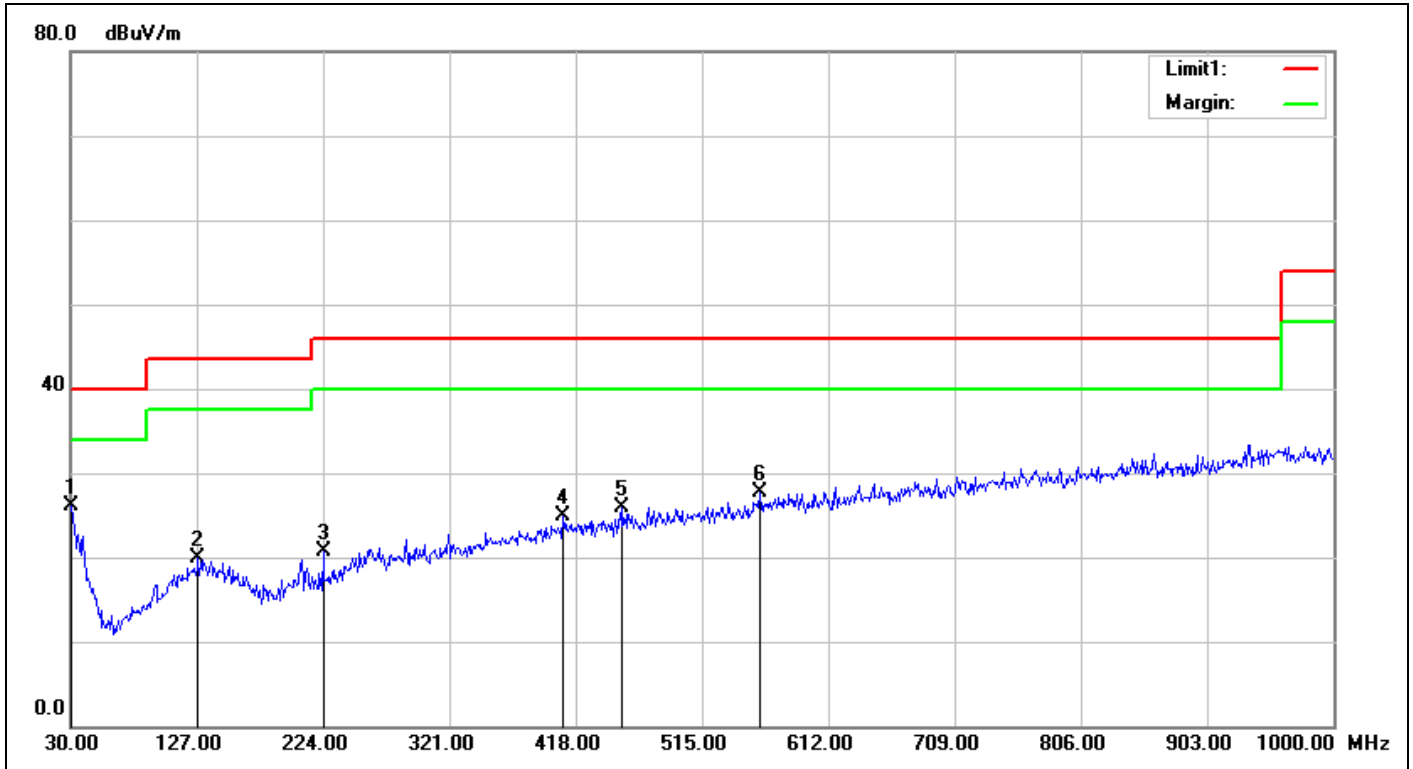
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Service No.:	114079901	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/9/19 12:13:46
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%)	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2440-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	-0.03	25.59	25.56	40.00	-14.44	QP	100	166	
2	207.5099	-8.59	36.73	28.14	43.50	-15.36	QP	100	86	
3	224.0000	-7.98	34.67	26.69	46.00	-19.31	QP	100	75	
4	312.2699	-4.47	26.75	22.28	46.00	-23.72	QP	100	131	
5	357.8599	-3.17	26.17	23.00	46.00	-23.00	QP	100	288	
6	579.9900	0.23	27.79	28.02	46.00	-17.98	QP	100	248	



Service No.:	114079901	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/9/19 12:14:50
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%):	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.9700	-0.52	26.54	26.02	40.00	-13.98	QP	100	195	
2	127.9700	-7.09	27.00	19.91	43.50	-23.59	QP	100	141	
3	224.0000	-7.98	28.64	20.66	46.00	-25.34	QP	100	27	
4	408.3000	-2.07	27.03	24.96	46.00	-21.04	QP	100	296	
5	453.8900	-1.90	27.77	25.87	46.00	-20.13	QP	100	14	
6	559.6200	0.03	27.62	27.65	46.00	-18.35	QP	100	309	

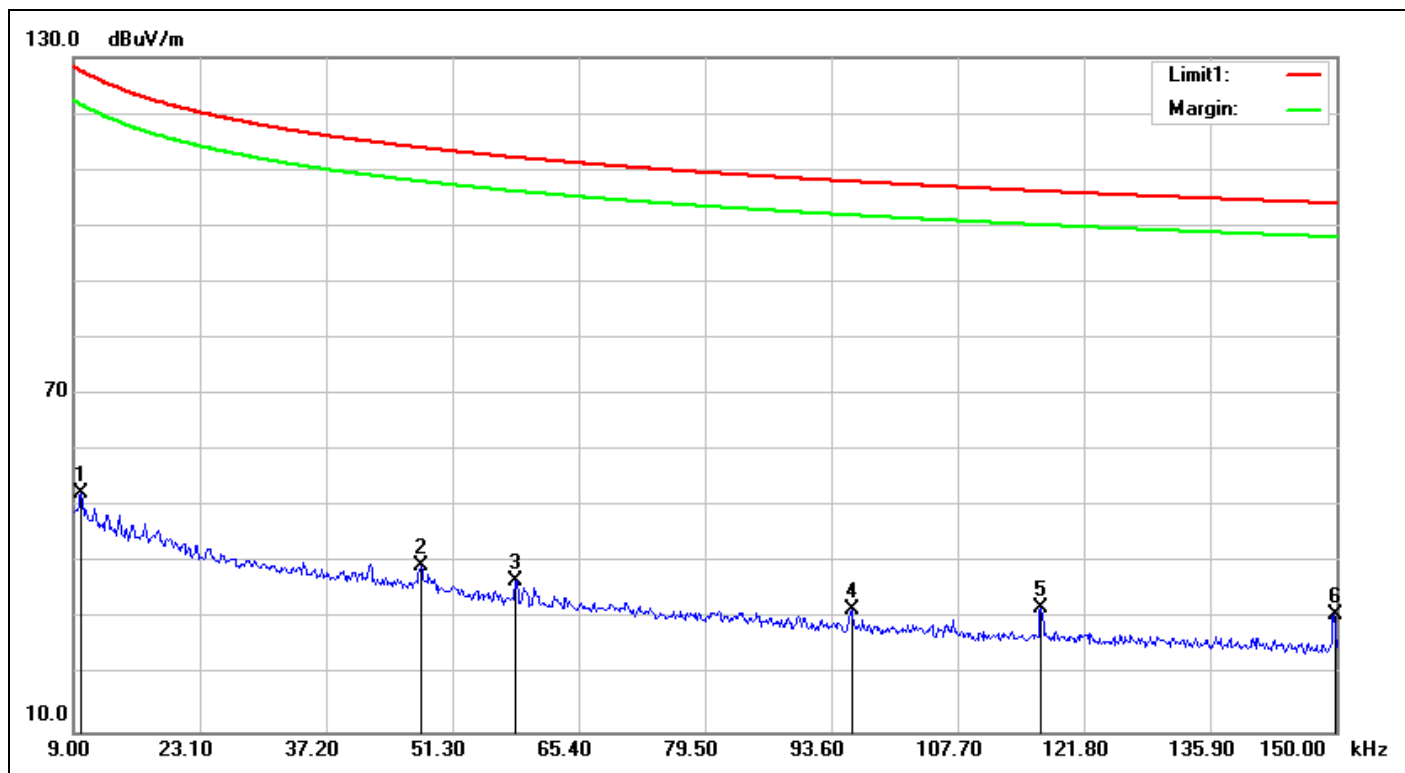
Spurious Emissions, TX Mode, 9k-30M



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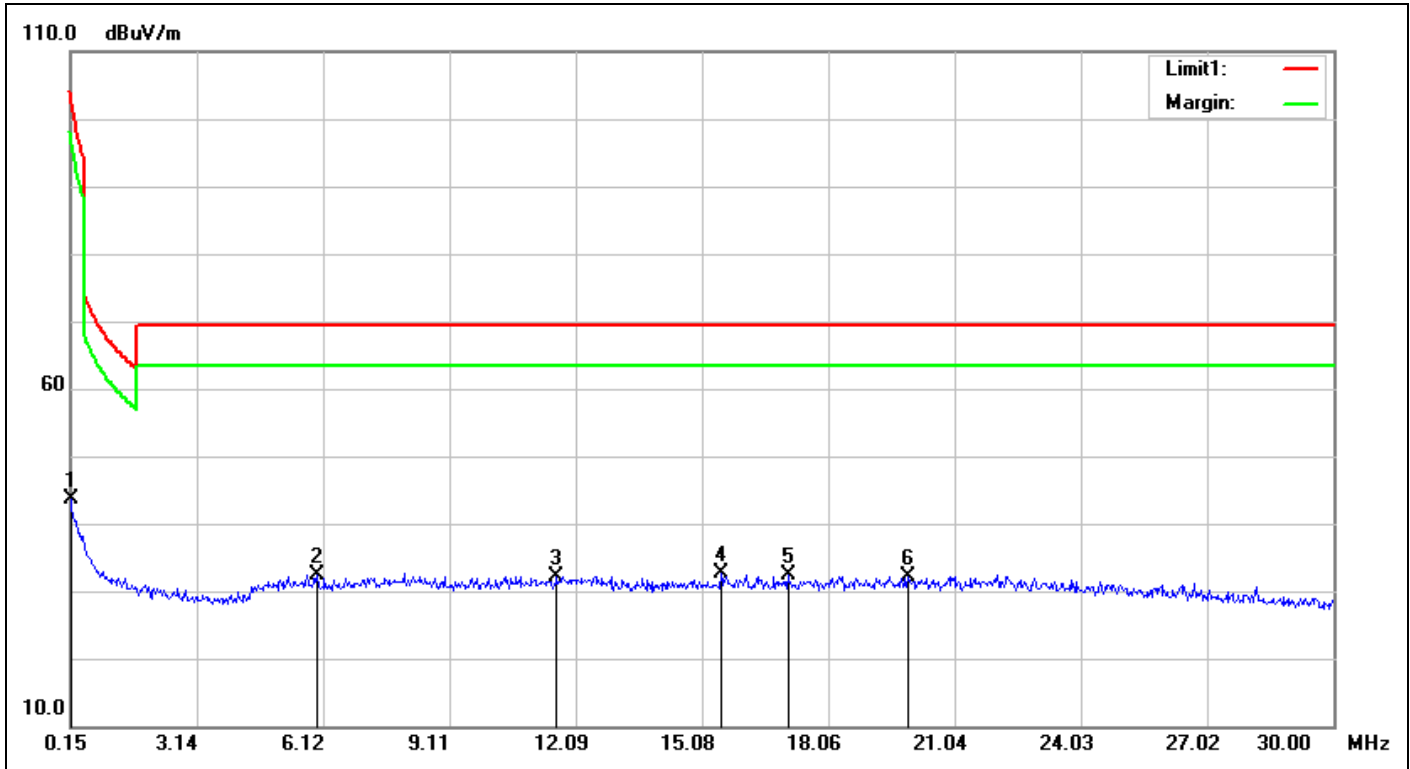
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Service No.:	114079901	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	N/A
Test item:	Radiation Emission	Test Time:	2018/9/19 16:11:40
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%)	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0098	18.49	33.82	52.31	127.57	-75.26	QP	100	192	
2	0.0477	18.97	20.70	39.67	113.91	-74.24	QP	100	296	
3	0.0583	18.82	18.04	36.86	112.18	-75.32	QP	100	99	
4	0.0958	18.38	13.39	31.77	107.89	-76.12	QP	100	213	
5	0.1170	18.34	13.75	32.09	106.16	-74.07	QP	100	158	
6	0.1497	18.35	12.63	30.98	104.03	-73.05	QP	100	256	



Service No.:	114079901	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	N/A
Test item:	Radiation Emission	Test Time:	2018/9/19 16:14:46
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%):	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1500	18.35	25.33	43.68	104.02	-60.34	QP	100	349	
2	5.9707	19.65	12.67	32.32	69.50	-37.18	QP	100	29	
3	11.6422	20.63	11.62	32.25	69.50	-37.25	QP	100	304	
4	15.5227	21.09	11.44	32.53	69.50	-36.97	QP	100	309	
5	17.1048	21.27	11.01	32.28	69.50	-37.22	QP	100	261	
6	19.9404	21.59	10.57	32.16	69.50	-37.34	QP	100	13	

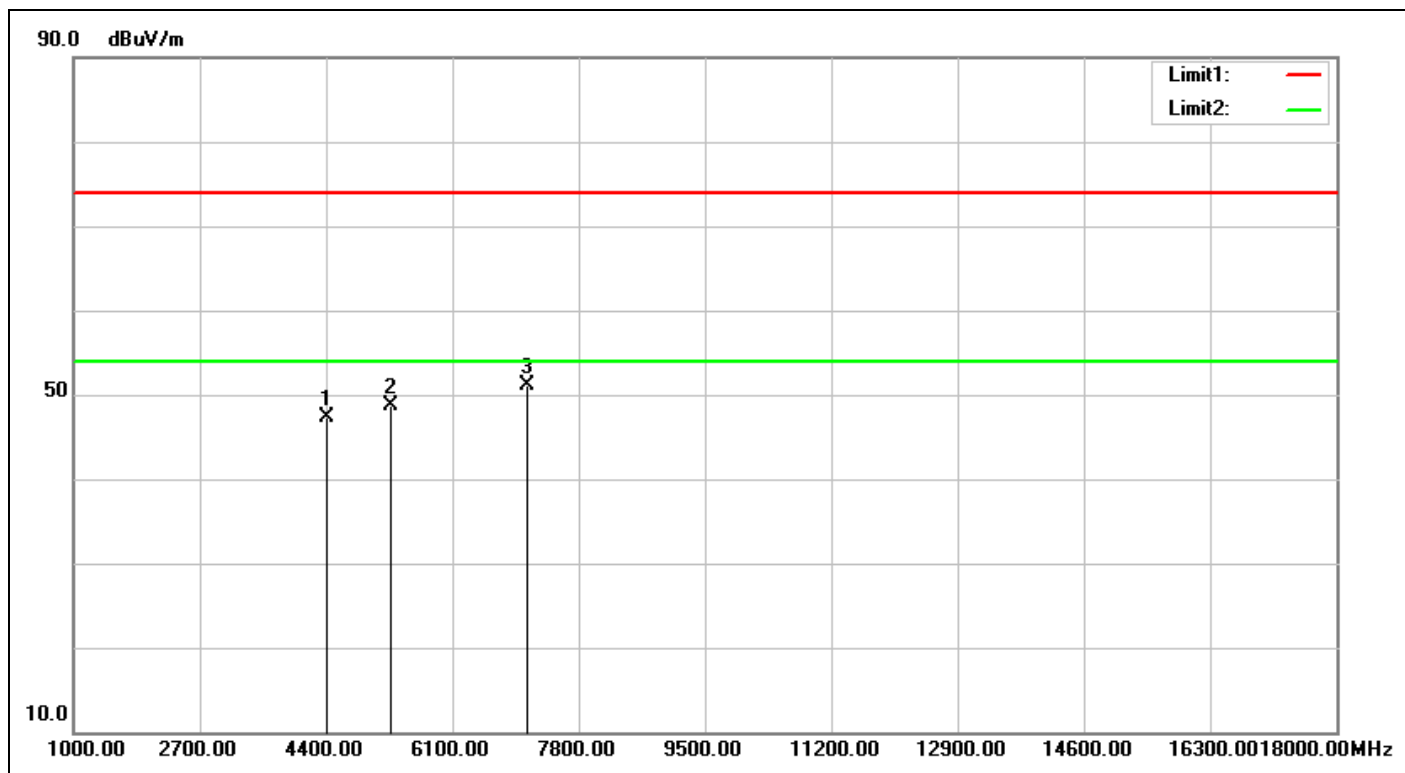
Spurious Emissions, RX Mode, 1-18G



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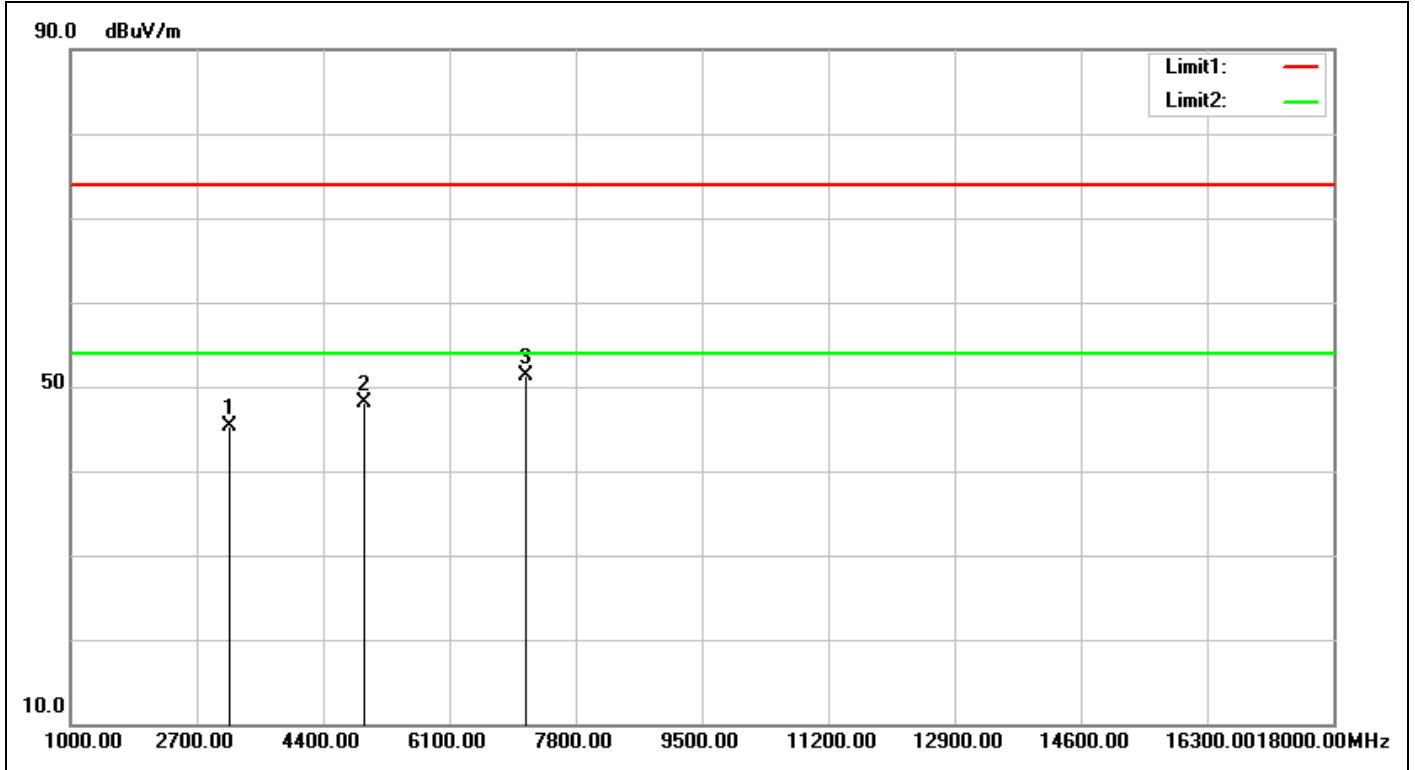
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Service No.:	114079901	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/9/19 11:26:58
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%)	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4417.000	-4.24	51.60	47.36	74.00	-26.64	peak	100	141	
2	5267.000	-1.92	50.56	48.64	74.00	-25.36	peak	100	268	
3	7103.000	3.97	47.11	51.08	74.00	-22.92	peak	100	283	



Service No.:	114079901	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/9/19 11:28:01
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%):	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3142.000	-7.08	52.34	45.26	74.00	-28.74	peak	100	185	
2	4944.000	-3.23	51.39	48.16	74.00	-25.84	peak	100	249	
3	7137.000	4.06	47.15	51.21	74.00	-22.79	peak	100	153	

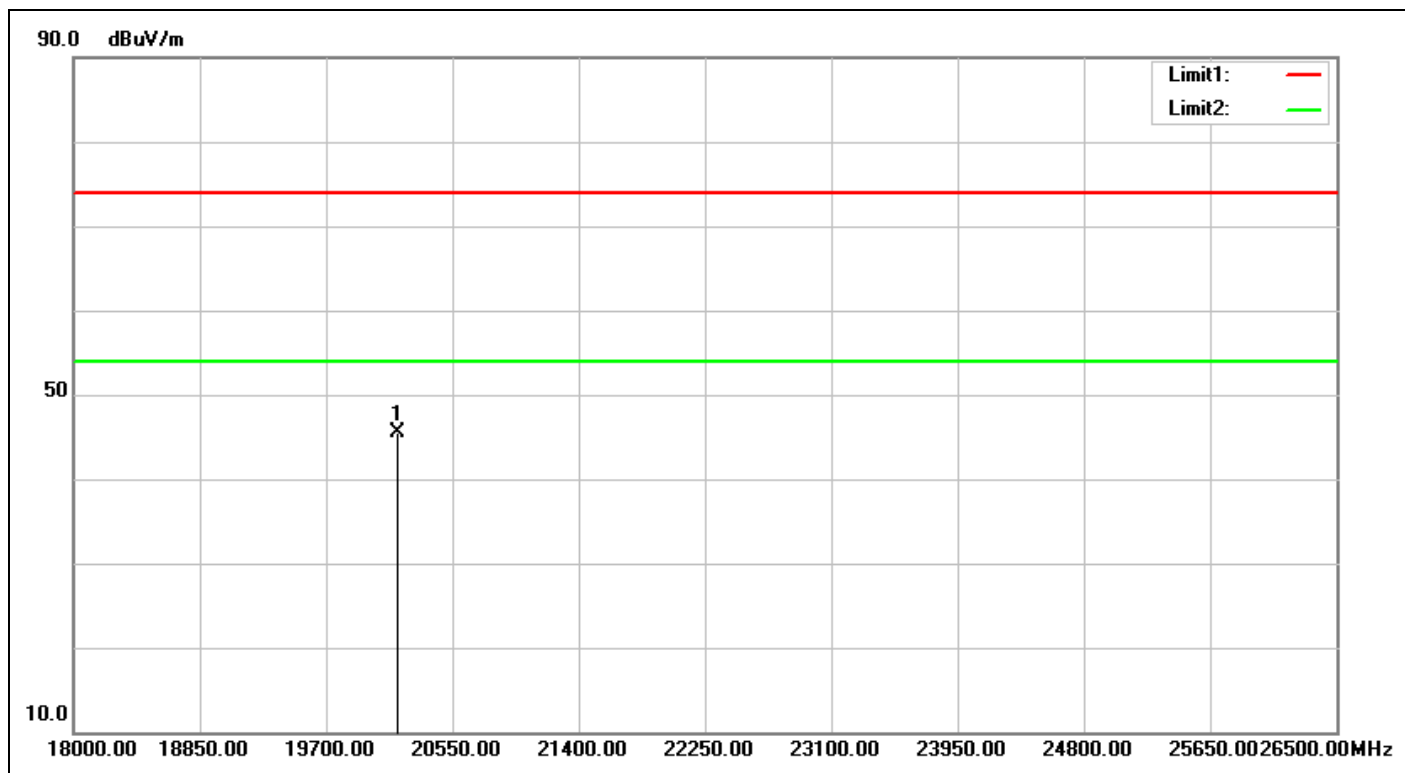
Spurious Emissions, RX Mode, 18-26G



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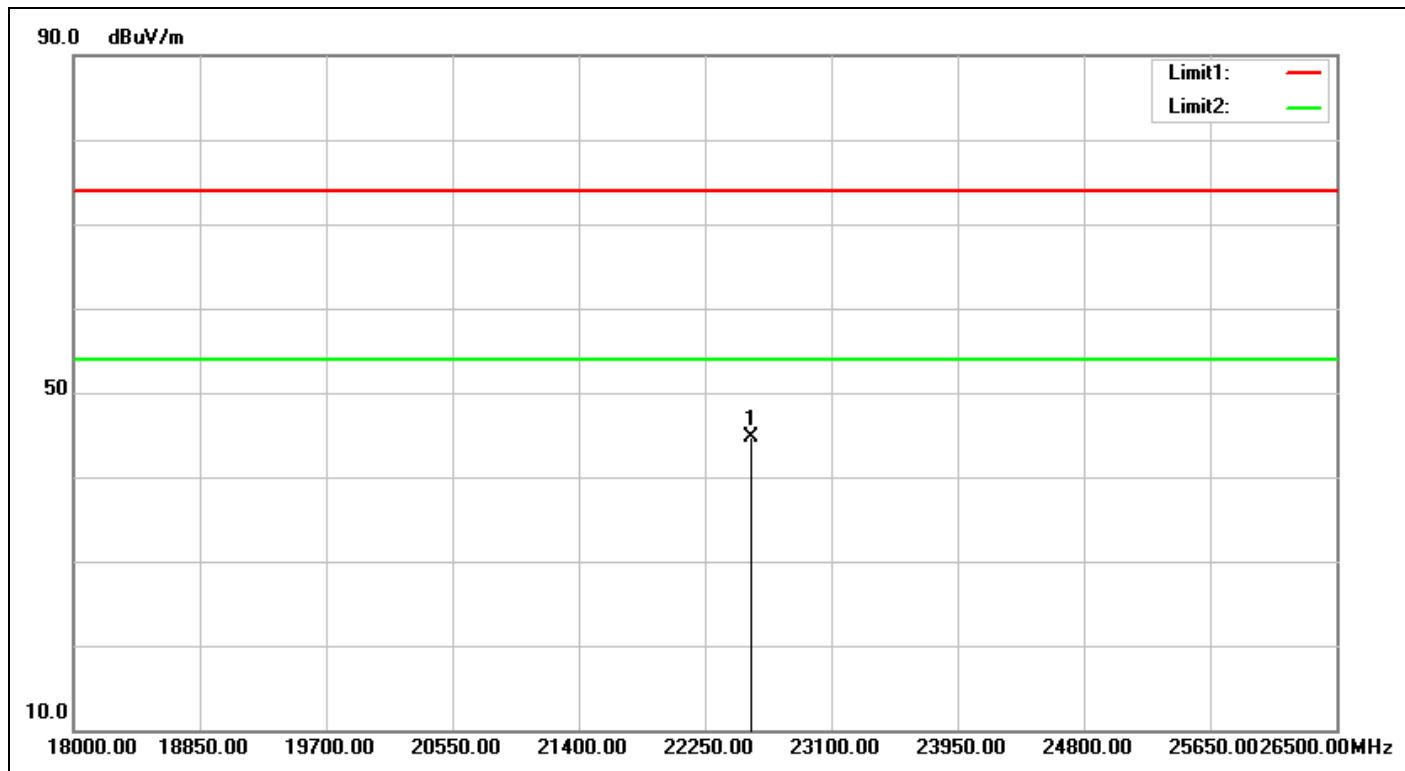
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114079901	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/9/19 17:19:50
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%):	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20176.000	4.24	41.30	45.54	74.00	-28.46	peak	100	235	



Service No.:	114079901	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/9/19 17:20:53
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%):	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22556.000	4.72	39.93	44.65	74.00	-29.35	peak	100	0	

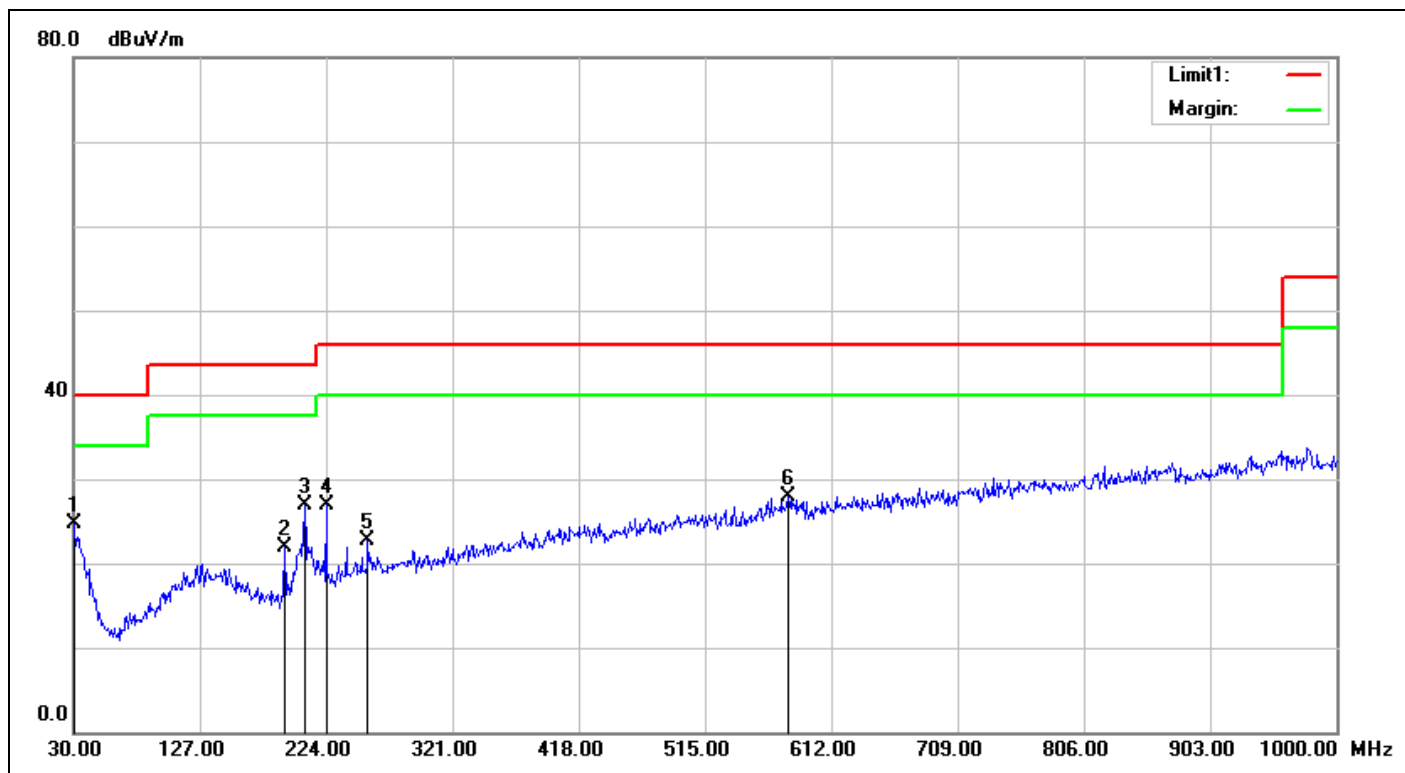
Spurious Emissions, RX Mode, 30M-1G



TUV Rheinland Taiwan Ltd.

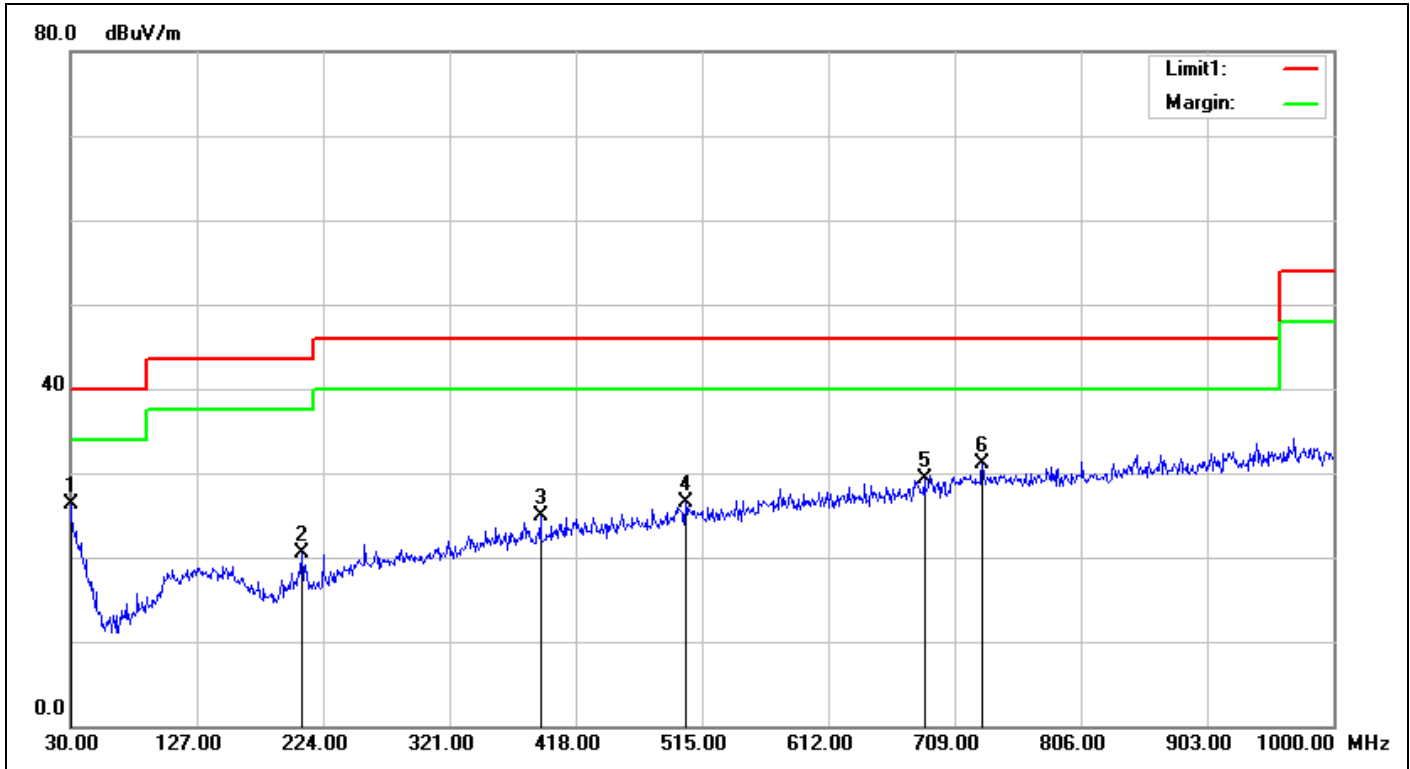
11F., No.758, Sec.4 Bade Road, Songshan Dist, Taipei City 105

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



Service No.:	114079901	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/9/19 12:16:29
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%)	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.03	24.72	24.69	40.00	-15.31	QP	100	192	
2	191.9900	-9.30	31.17	21.87	43.50	-21.63	QP	100	99	
3	207.5099	-8.59	35.50	26.91	43.50	-16.59	QP	100	266	
4	224.0000	-7.98	34.88	26.90	46.00	-19.10	QP	100	69	
5	256.0099	-5.18	27.90	22.72	46.00	-23.28	QP	100	282	
6	579.0198	0.21	27.79	28.00	46.00	-18.00	QP	100	280	



Service No.:	114079901	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/9/19 12:17:33
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%):	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.03	26.37	26.34	40.00	-13.66	QP	100	346	
2	207.5100	-8.59	29.11	20.52	43.50	-22.98	QP	100	187	
3	390.8400	-2.72	27.62	24.90	46.00	-21.10	QP	100	354	
4	502.3900	-1.13	27.61	26.48	46.00	-19.52	QP	100	89	
5	685.7199	1.25	27.97	29.22	46.00	-16.78	QP	100	152	
6	730.3400	1.94	29.17	31.11	46.00	-14.89	QP	100	346	

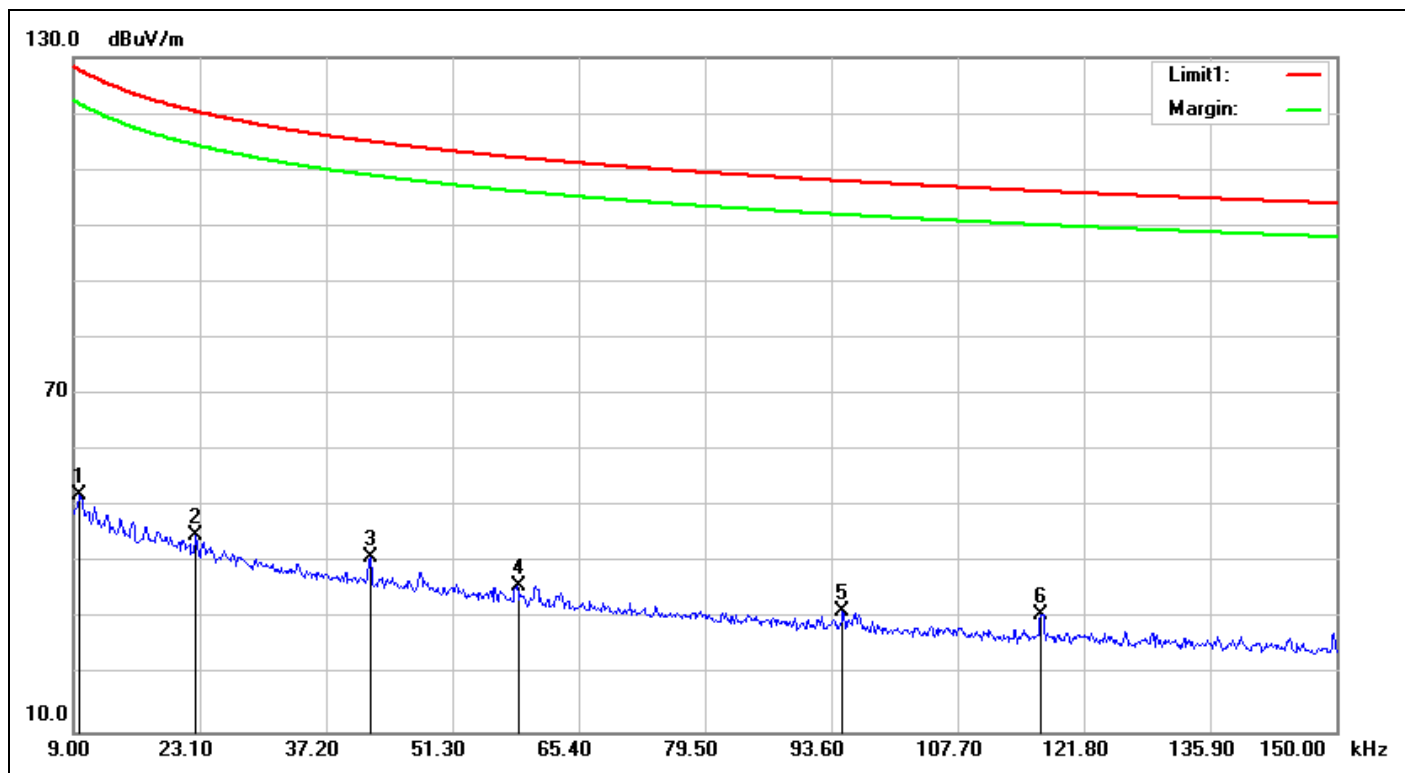
Spurious Emissions, RX Mode, 9K-30M



TUV Rheinland Taiwan Ltd.

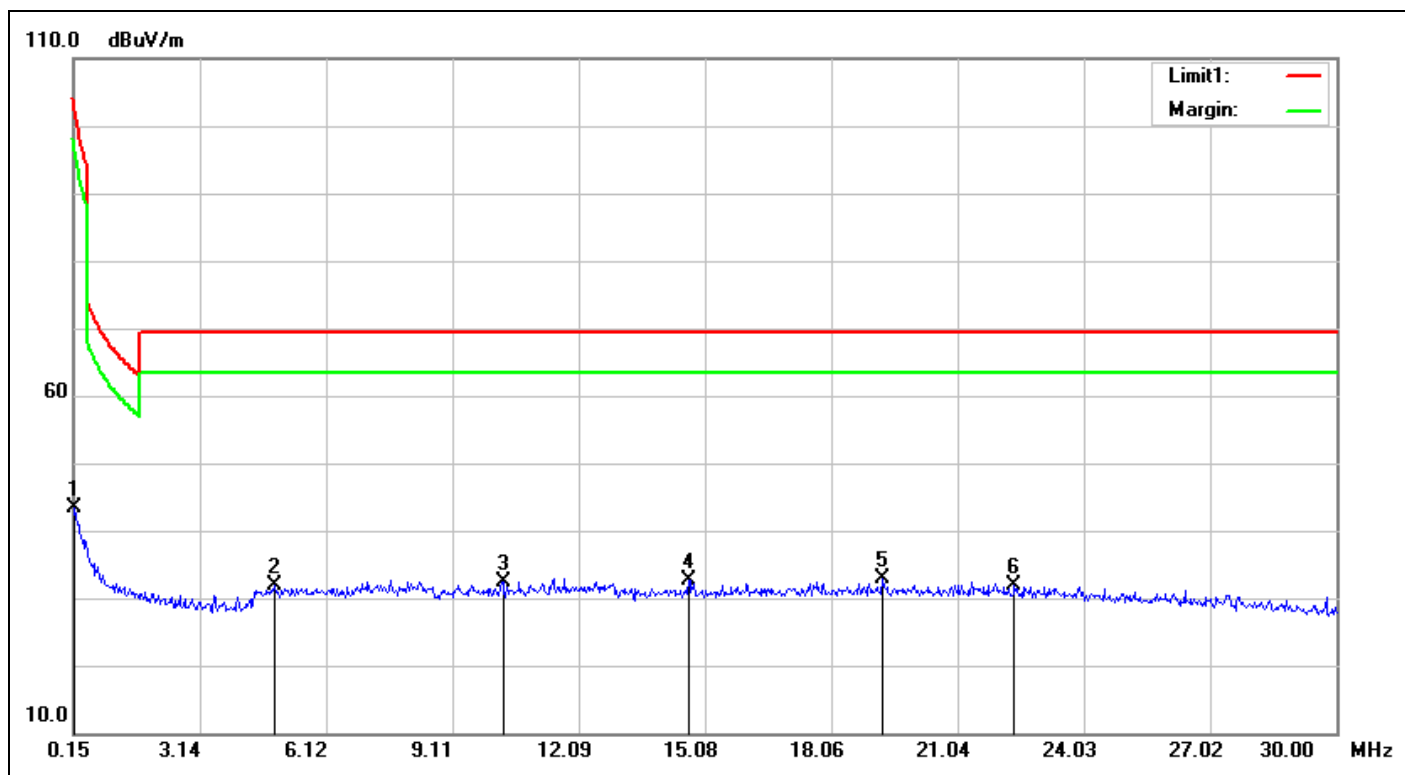
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Service No.:	114079901	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	N/A
Test item:	Radiation Emission	Test Time:	2018/9/19 16:12:43
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%)	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0096	18.45	33.58	52.03	127.75	-75.72	QP	100	17	
2	0.0227	19.03	25.78	44.81	120.32	-75.51	QP	100	174	
3	0.0421	19.08	21.86	40.94	114.99	-74.05	QP	100	171	
4	0.0585	18.82	17.09	35.91	112.15	-76.24	QP	100	107	
5	0.0949	18.38	13.10	31.48	107.97	-76.49	QP	100	176	
6	0.1170	18.34	12.52	30.86	106.16	-75.30	QP	100	163	



Service No.:	114079901	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	N/A
Test item:	Radiation Emission	Test Time:	2018/9/19 16:15:49
Applicant:	Tong Lung Metal Industry Co.,Ltd.	Test Rating:	DC 6V
Product:	Electronic BLE Touch Deadbolt	Temp.(°C)/Hum.(%):	23(°C)/50%
Model No.:	PL2-BT	Test Engineer:	Amy Hsu
Test Mode:	2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1799	18.37	25.00	43.37	102.45	-59.08	QP	100	231	
2	4.8961	19.42	12.48	31.90	69.50	-37.60	QP	100	130	
3	10.2990	20.47	12.00	32.47	69.50	-37.03	QP	100	287	
4	14.6869	20.99	11.66	32.65	69.50	-36.85	QP	100	122	
5	19.2839	21.52	11.39	32.91	69.50	-36.59	QP	100	358	
6	22.3882	21.69	10.20	31.89	69.50	-37.61	QP	100	124	