

Test Report No.50146301 001

Appendix D: Radiated Emission Data

(File: 50146301AppendixD)

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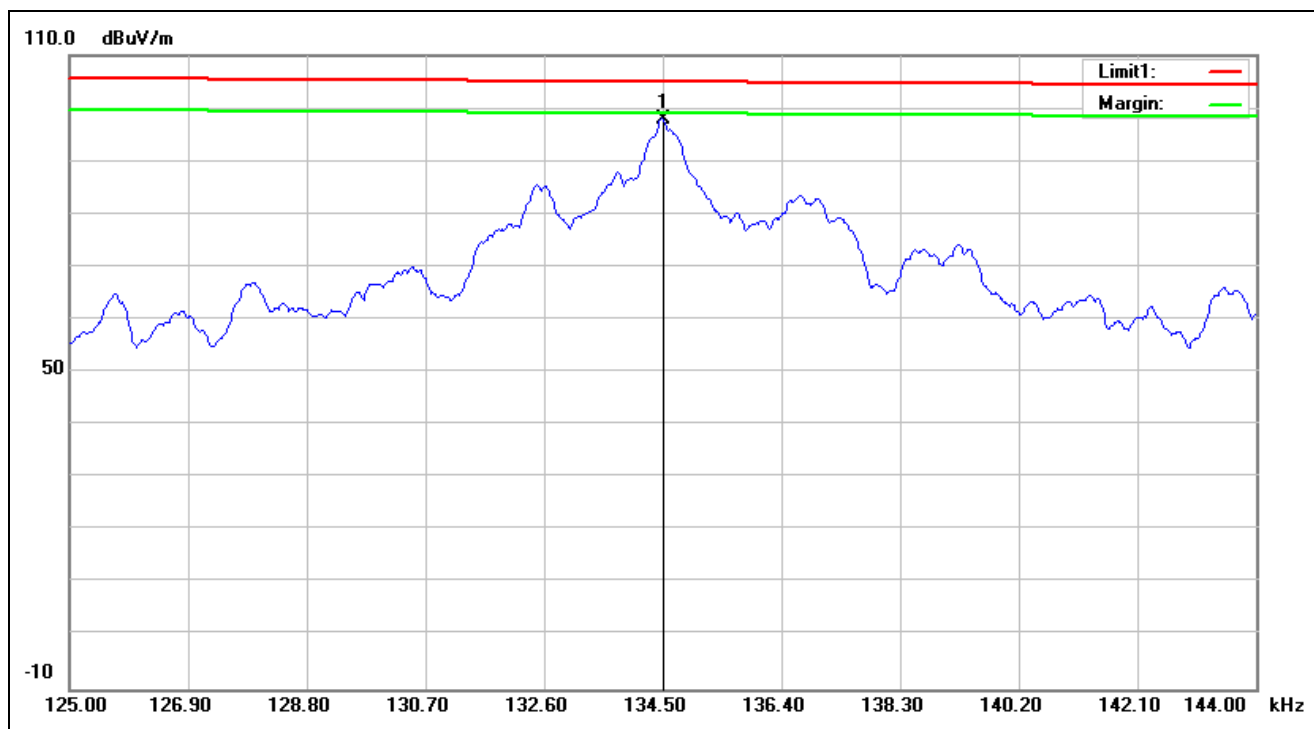
Spurious Emissions, Fundamental



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Service No.:	114074422	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	N/A
Test item:	Radiation Emission	Test Time:	2018/3/7 09:30:10
Applicant:	Antung	Test Rating:	DC 12V
Product:	Rider Recognition System	Temp.(°C)/Hum.(%):	22.5(°C)/56%
Model No.:	RRS	Test Engineer:	George Yang
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	0.1345	19.10	78.90	98.00	104.99	-6.99	peak		0	

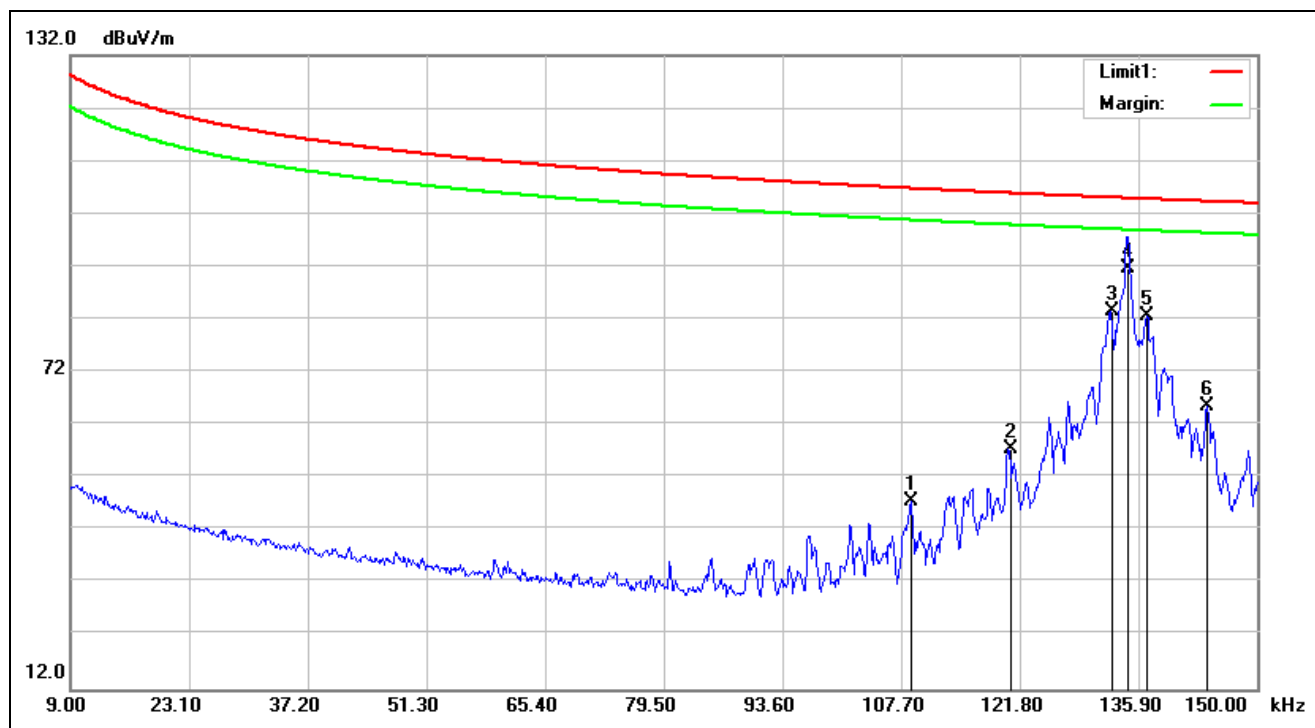
Spurious Emissions, TX Mode, 9K-30M



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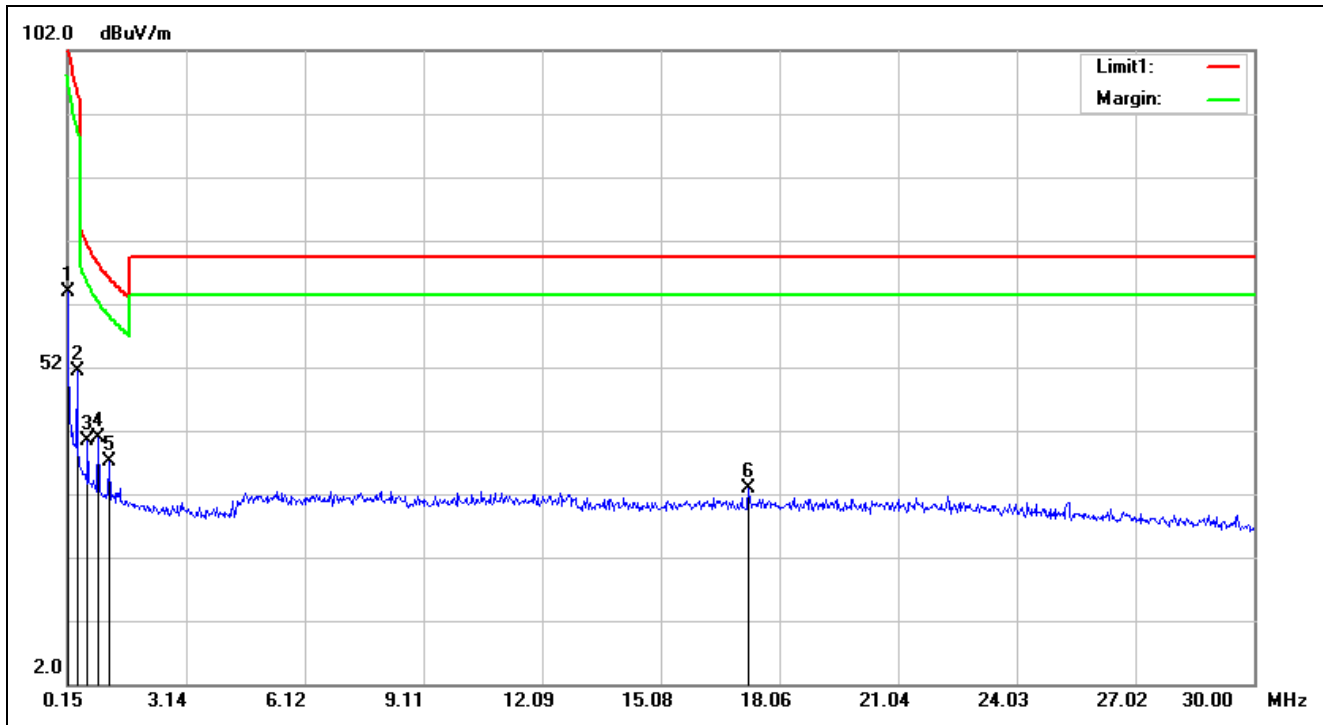
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Service No.:	114074422	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	N/A
Test item:	Radiation Emission	Test Time:	2018/3/7 09:34:48
Applicant:	Antung	Test Rating:	DC 12V
Product:	Rider Recognition System	Temp.(°C)/Hum.(%) :	22.5(°C)/56%
Model No.:	RRS	Test Engineer:	George Yang
Test Mode:	134.5k-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1088	19.12	28.36	47.48	106.79	-59.31	QP	100	265	
2	0.1204	19.11	38.30	57.41	105.92	-48.51	QP	100	265	
3	0.1327	19.10	64.53	83.63	105.08	-21.45	QP	100	265	
4	0.1345	19.10	72.60	91.70	104.96	-13.26	QP	100	90	
5	0.1369	19.09	63.44	82.53	104.81	-22.28	QP	100	99	
6	0.1440	19.09	46.46	65.55	104.37	-38.82	QP	100	99	

Spurious Emissions, TX Mode, 9K-30M



Service No.:	114074422	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	N/A
Test item:	Radiation Emission	Test Time:	2018/3/7 09:37:50
Applicant:	Antung	Test Rating:	DC 12V
Product:	Rider Recognition System	Temp.(°C)/Hum.(%)	22.5(°C)/56%
Model No.:	RRS	Test Engineer:	George Yang
Test Mode:	134.5k-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	19.08	44.73	63.81	104.05	-40.24	QP	100	290	
2	0.3888	18.91	32.53	51.44	95.80	-44.36	QP	100	97	
3	0.6574	18.90	21.42	40.32	71.25	-30.93	QP	100	97	
4	0.9261	18.97	21.87	40.84	68.29	-27.45	QP	100	88	
5	1.1947	18.93	18.23	37.16	66.08	-28.92	QP	100	269	
6	17.2839	21.51	11.25	32.76	69.50	-36.74	QP	100	75	

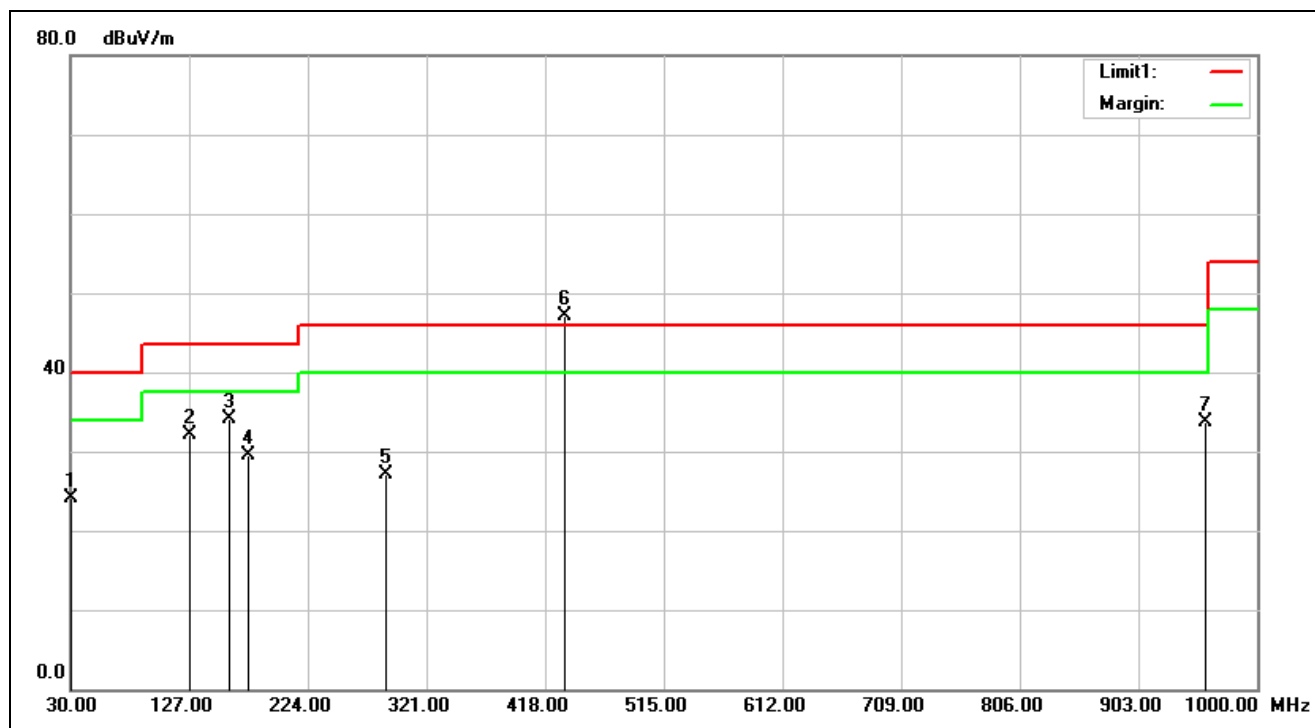
Spurious Emissions, TX Mode, 30M-1G



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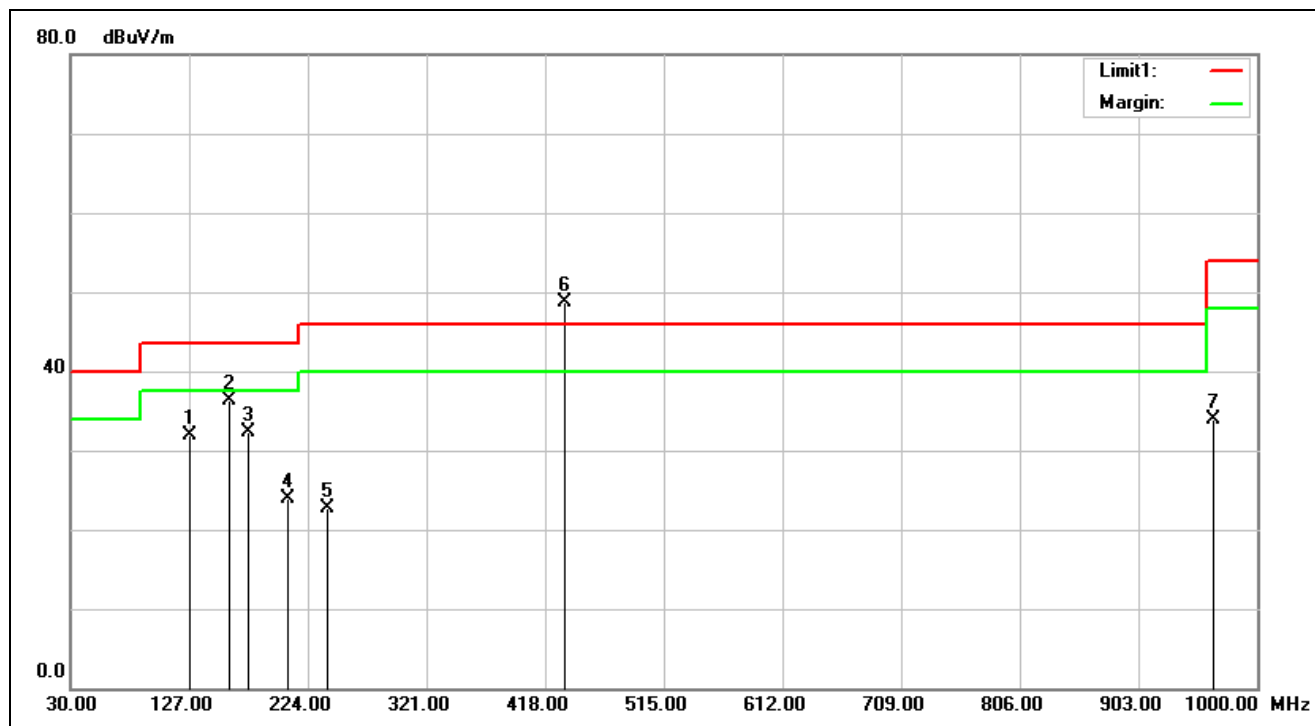
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Service No.:	114074422	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/3/7 09:42:52
Applicant:	Antung	Test Rating:	DC 12V
Product:	Rider Recognition System	Temp.(°C)/Hum.(%) :	22.5(°C)/56%
Model No.:	RRS	Test Engineer:	George Yang
Test Mode:	134.5k-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	-0.25	24.32	24.07	40.00	-15.93	QP	100	10	
2	127.9699	-7.24	39.33	32.09	43.50	-11.41	QP	100	86	
3	159.9798	-8.07	42.10	34.03	43.50	-9.47	QP	100	137	
4	175.5000	-9.35	38.76	29.41	43.50	-14.09	QP	100	248	
5	288.0199	-4.87	31.91	27.04	46.00	-18.96	QP	100	77	
6	433.9900	-2.08	49.28	47.20	46.00	1.20	QP	100	230	433.92-TX
7	958.2899	5.53	28.10	33.63	46.00	-12.37	QP	100	303	

Spurious Emissions, TX Mode, 9K-30M



Service No.:	114074422	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/3/7 09:43:49
Applicant:	Antung	Test Rating:	DC 12V
Product:	Rider Recognition System	Temp.(°C)/Hum.(%)	22.5(°C)/56%
Model No.:	RRS	Test Engineer:	George Yang
Test Mode:	134.5k-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	127.9700	-7.24	39.13	31.89	43.50	-11.61	QP	100	256	
2	159.9800	-8.07	44.39	36.32	43.50	-7.18	QP	100	54	
3	175.5000	-9.35	41.66	32.31	43.50	-11.19	QP	100	97	
4	207.5100	-8.62	32.48	23.86	43.50	-19.64	QP	100	187	
5	239.5200	-6.85	29.60	22.75	46.00	-23.25	QP	100	319	
6	433.9900	-2.08	50.88	48.80	46.00	2.80	QP	100	268	433.92-TX
7	964.1100	5.56	28.39	33.95	54.00	-20.05	QP	100	166	