

Test Report No.50175259

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50175259 001AppendixD)

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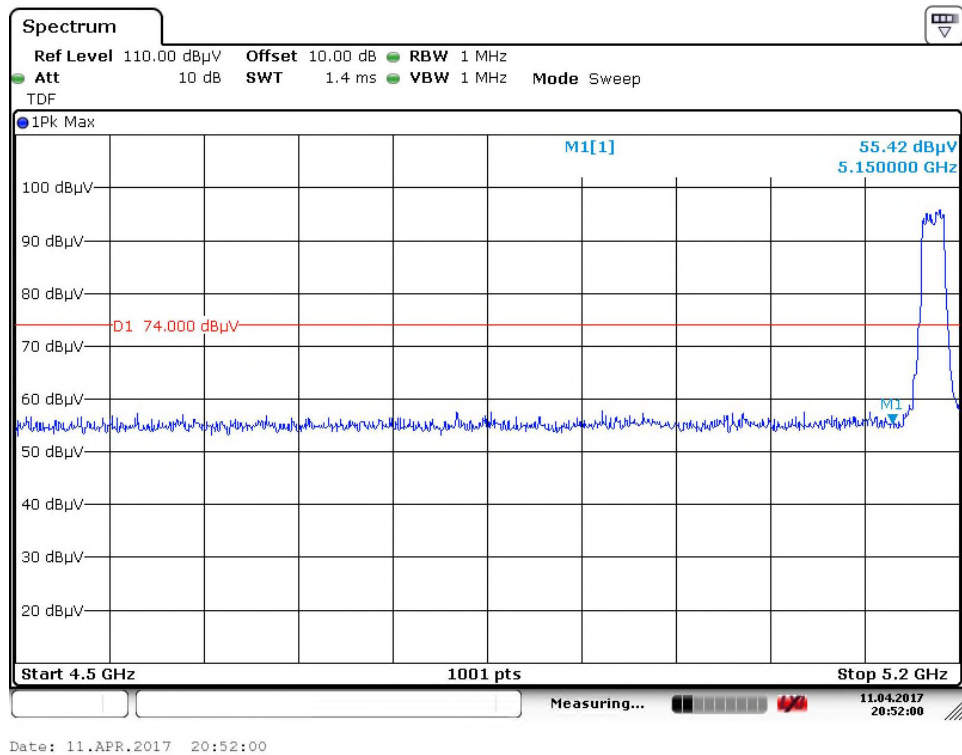
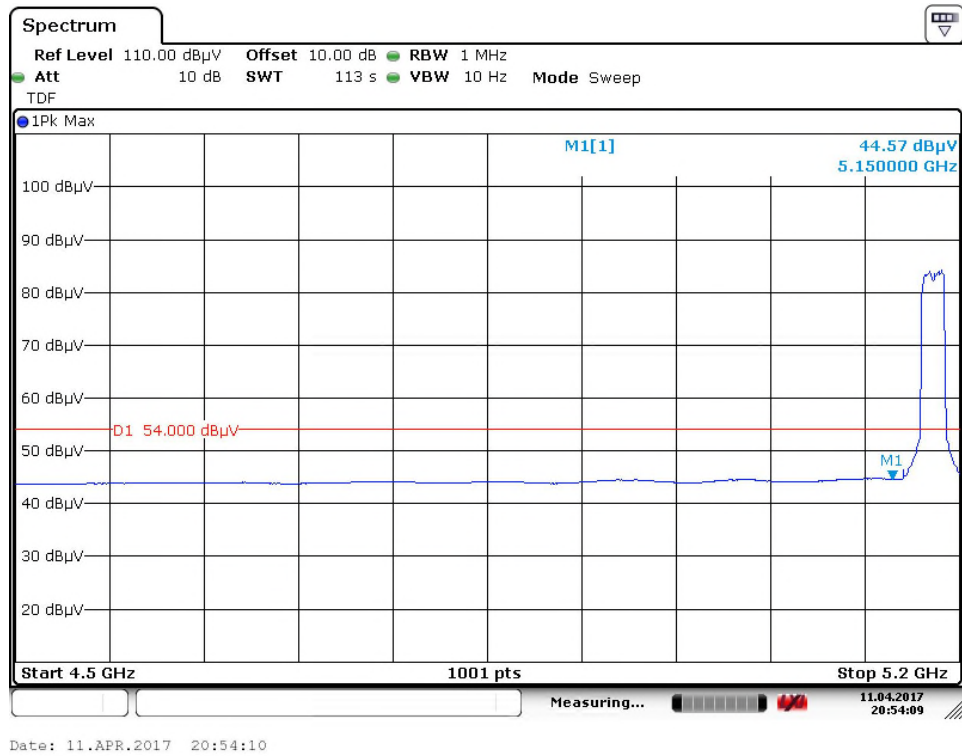
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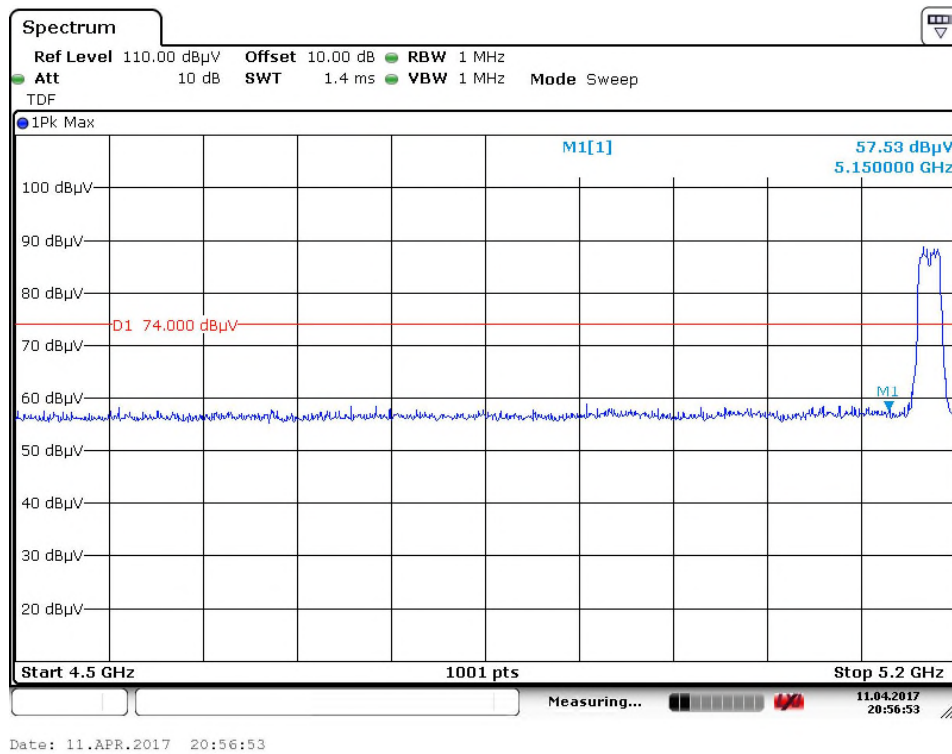
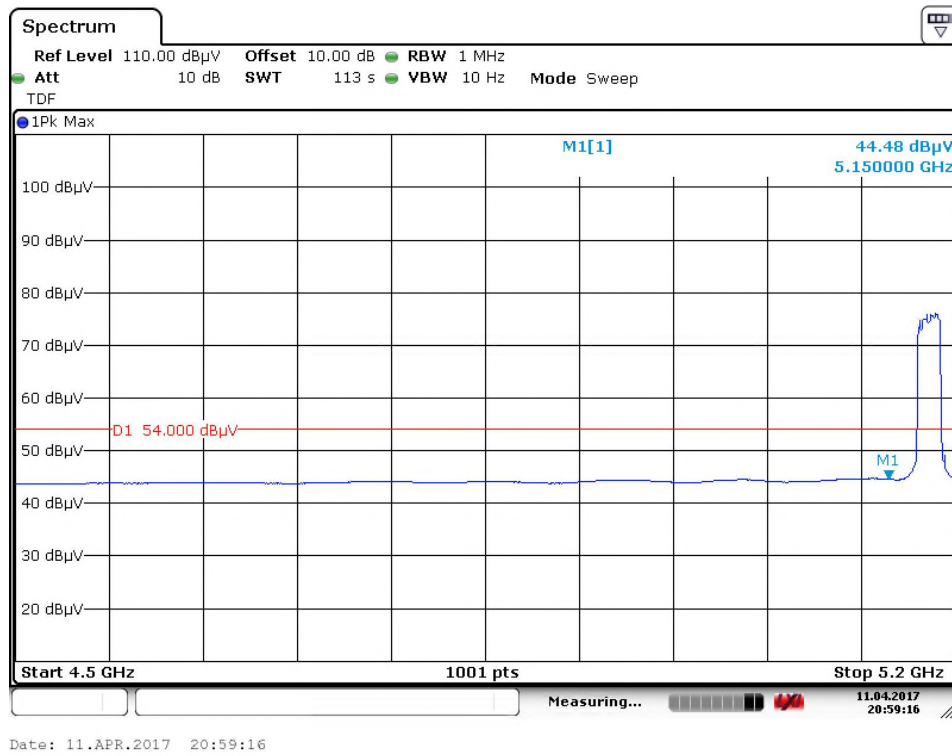
Spurious Emissions, Band Edges, 4.5-5.2G

11a

Low Channel (Hor) 5180

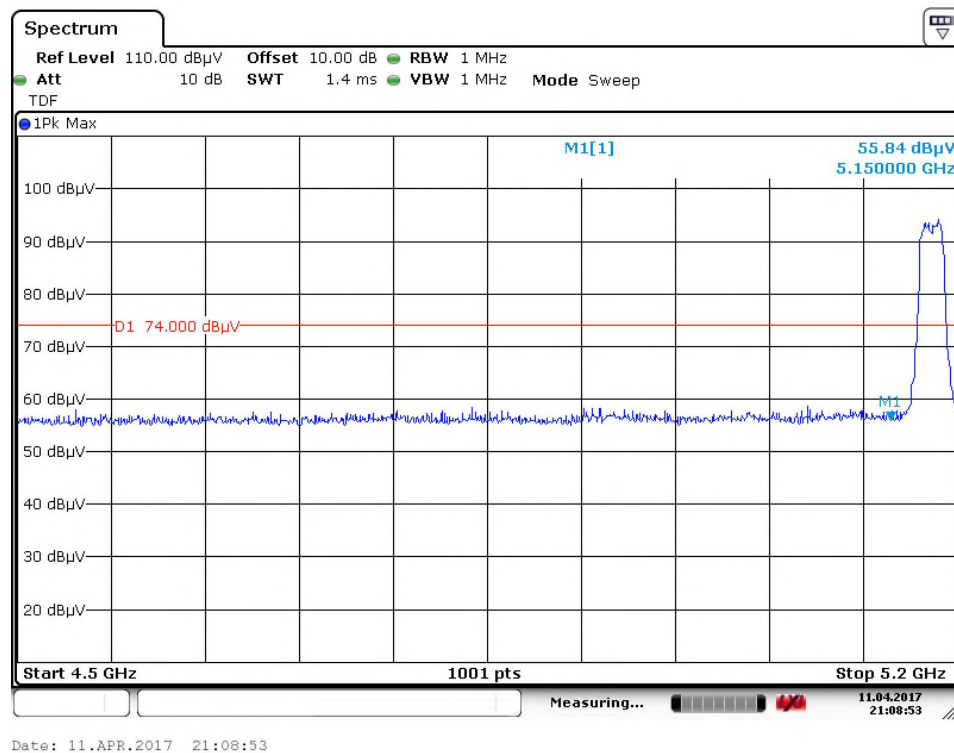
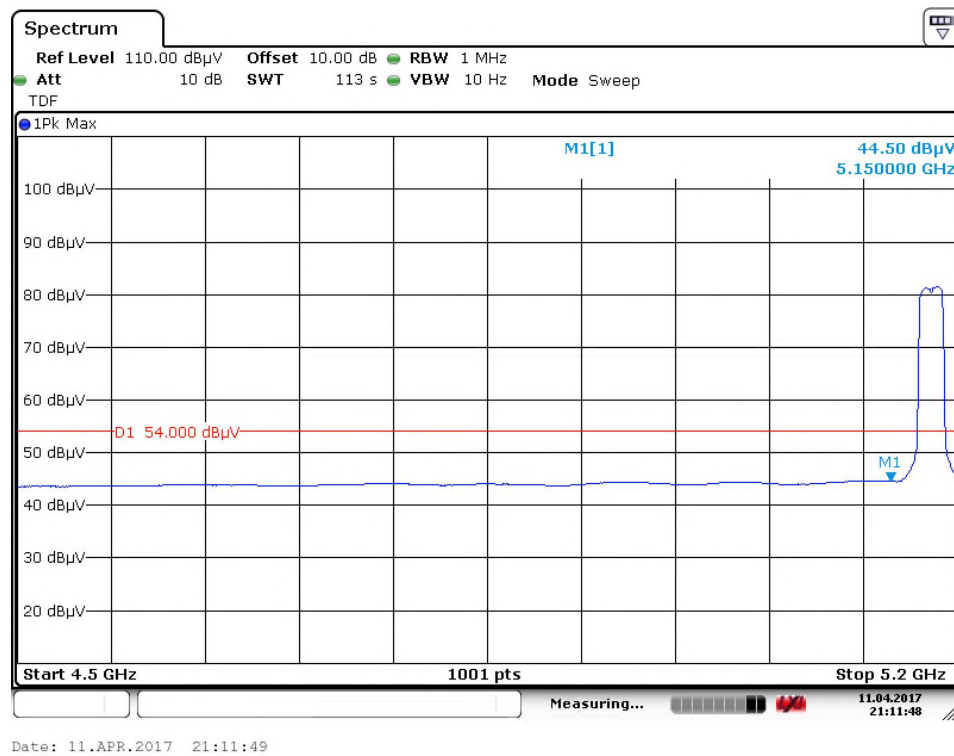


Low Channel (Ver) 5180

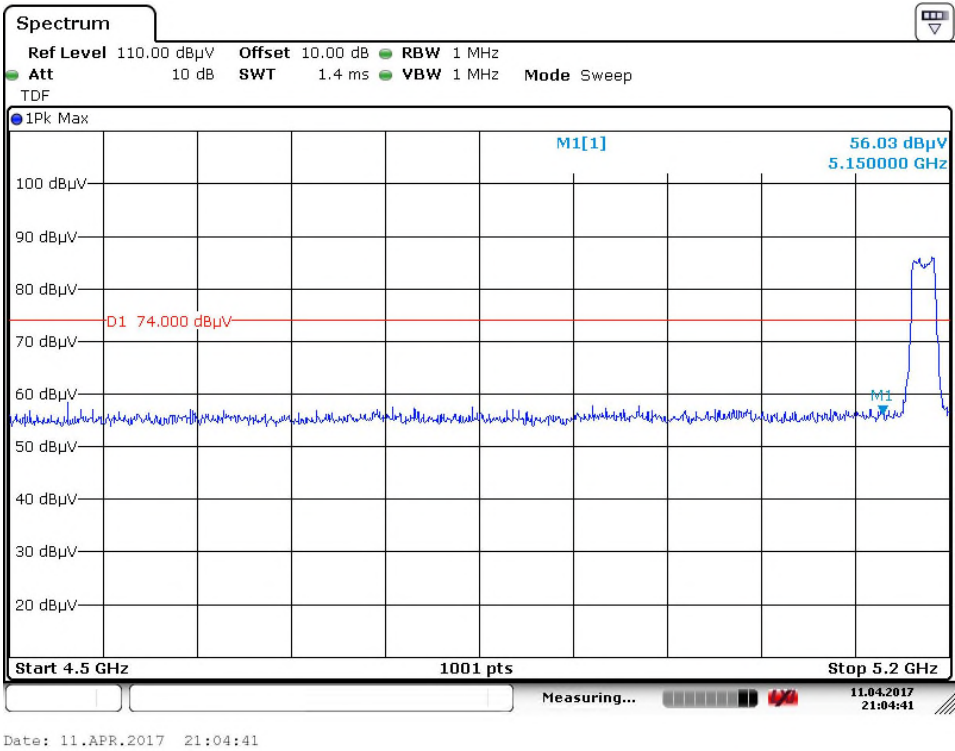
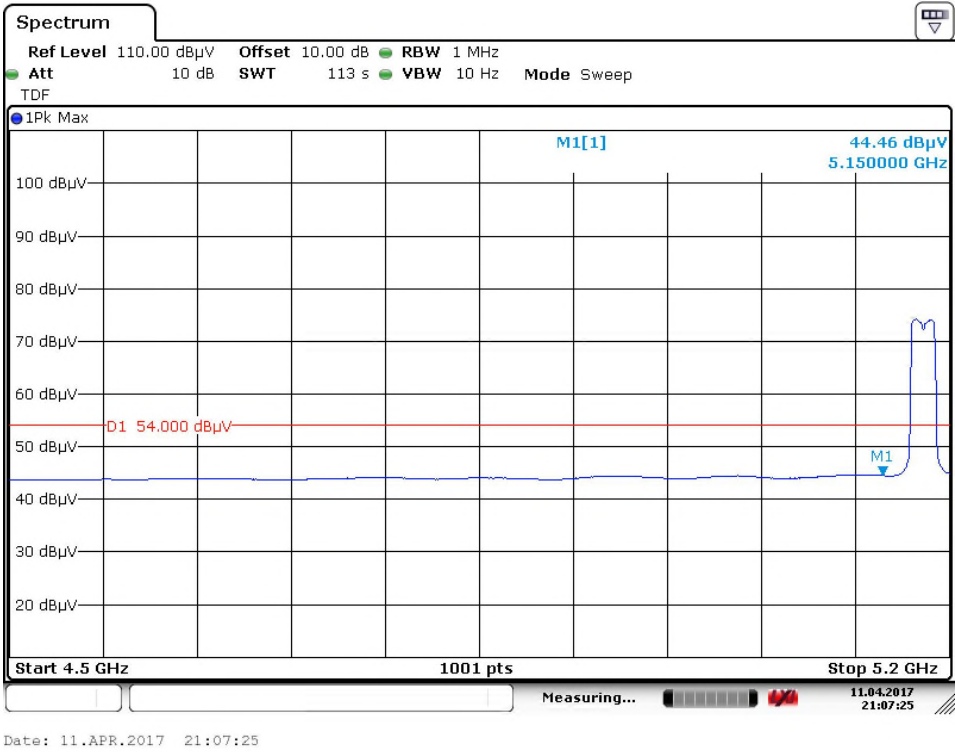


11N20

Low Channel (Hor) 5180

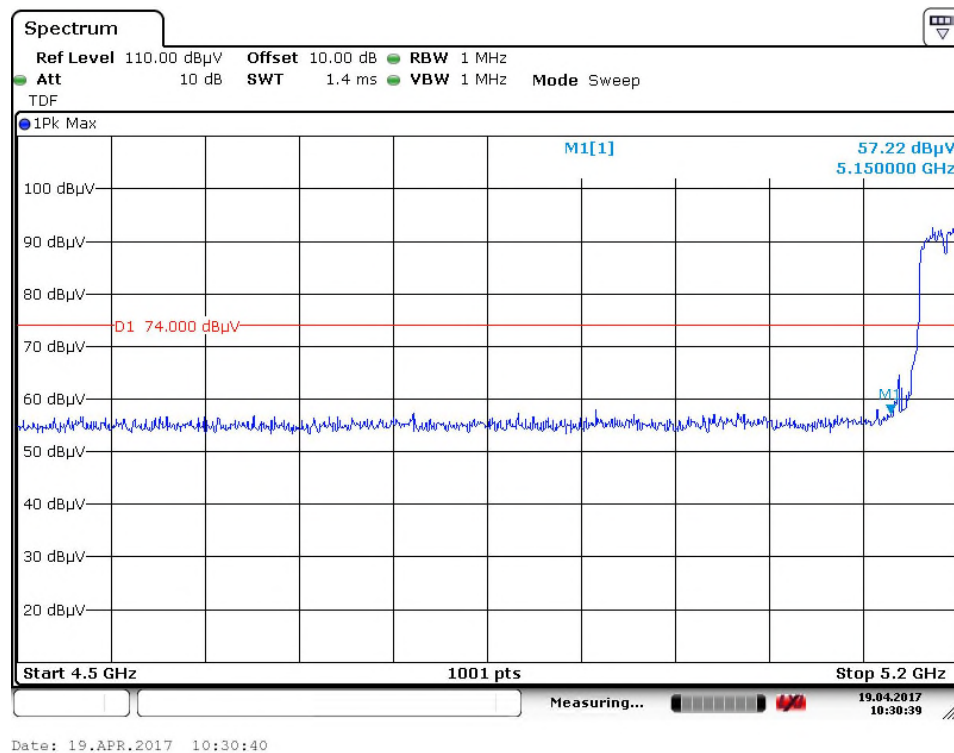
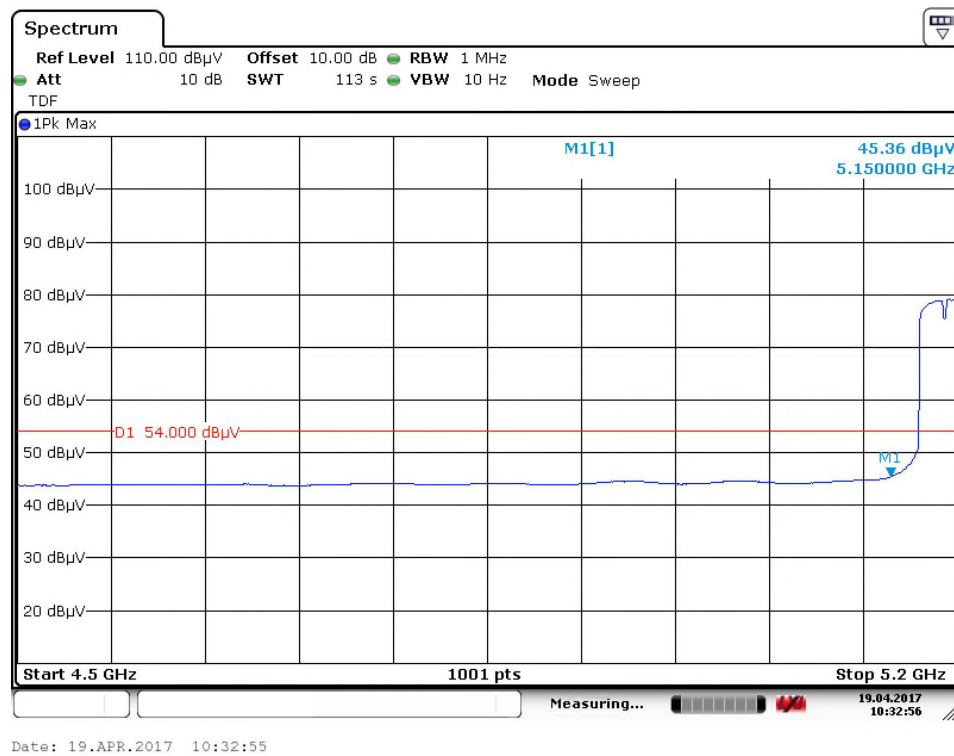


Low Channel (Ver) 5180

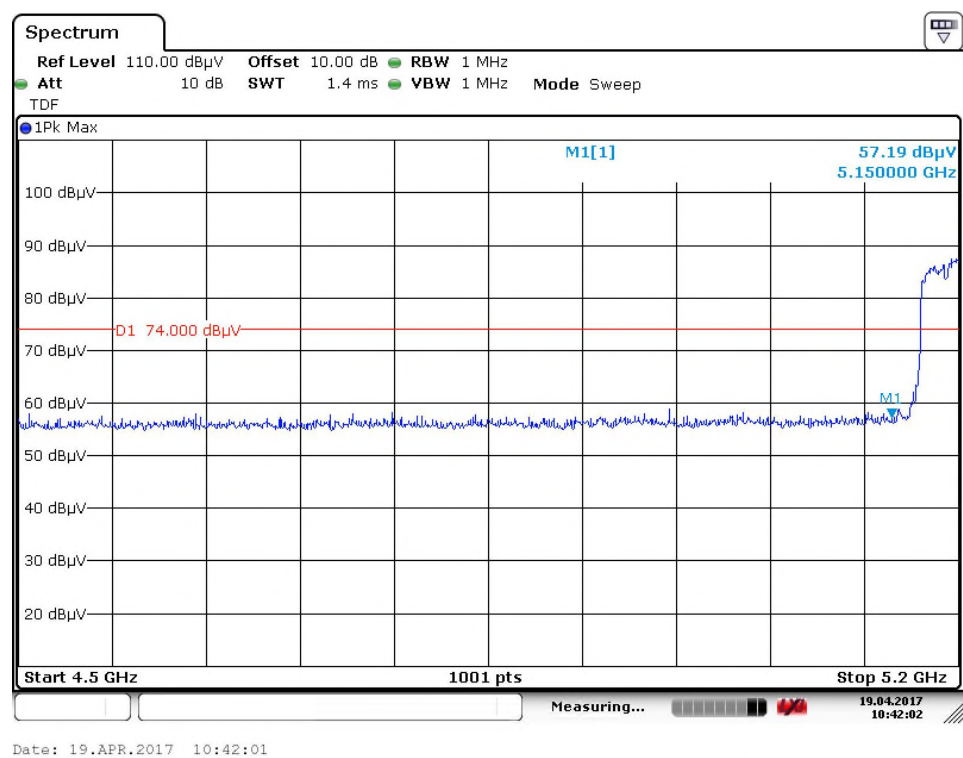
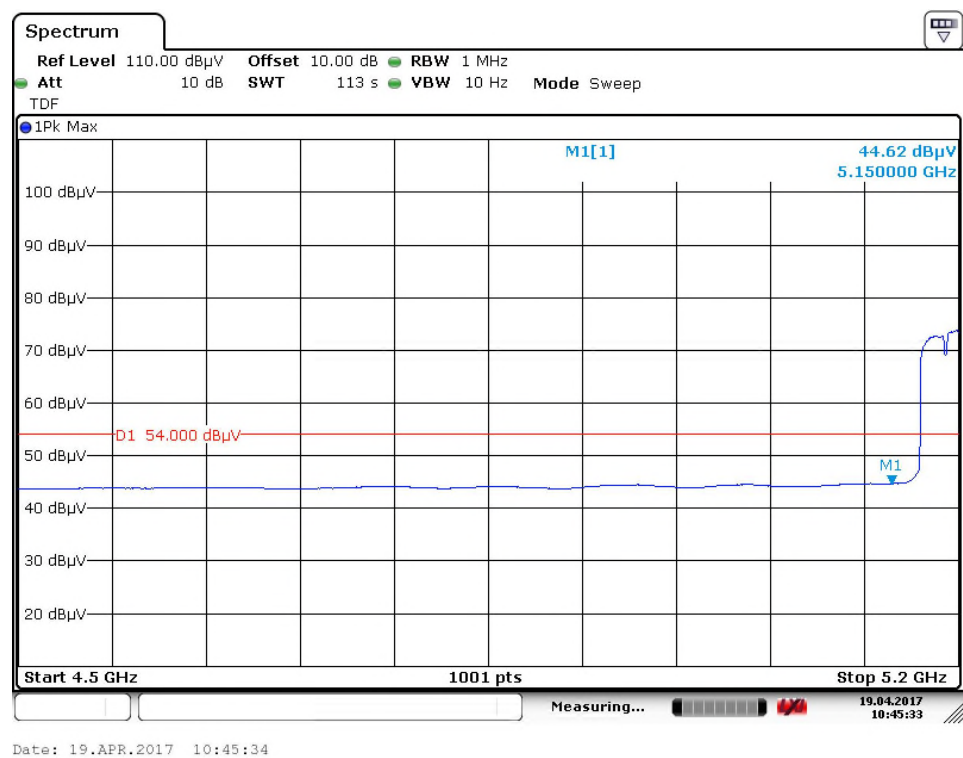


11N40

Low Channel (Hor) 5190



Low Channel (Ver) 5190



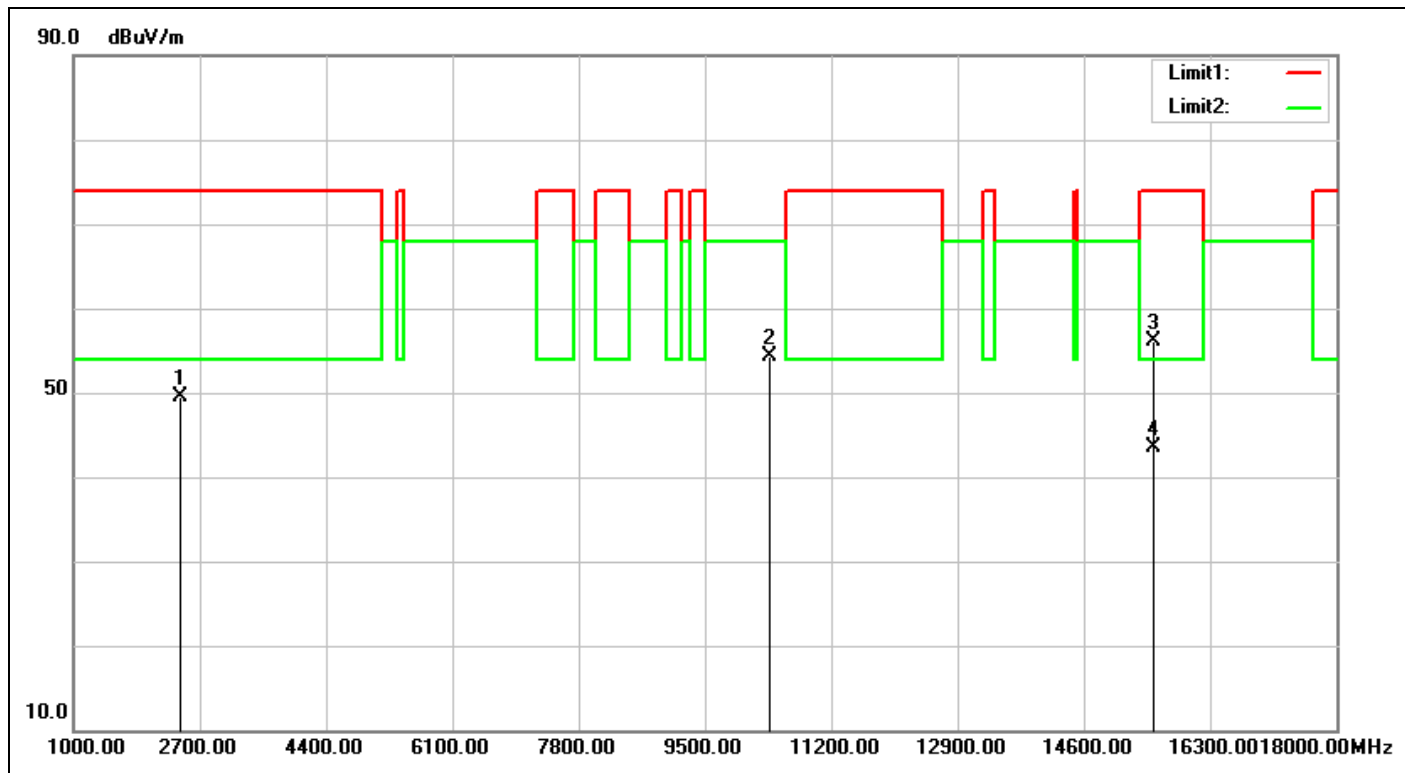
Spurious Emissions, TX Mode, 1-18G , 5150-5250MHz



TUV Taiwan

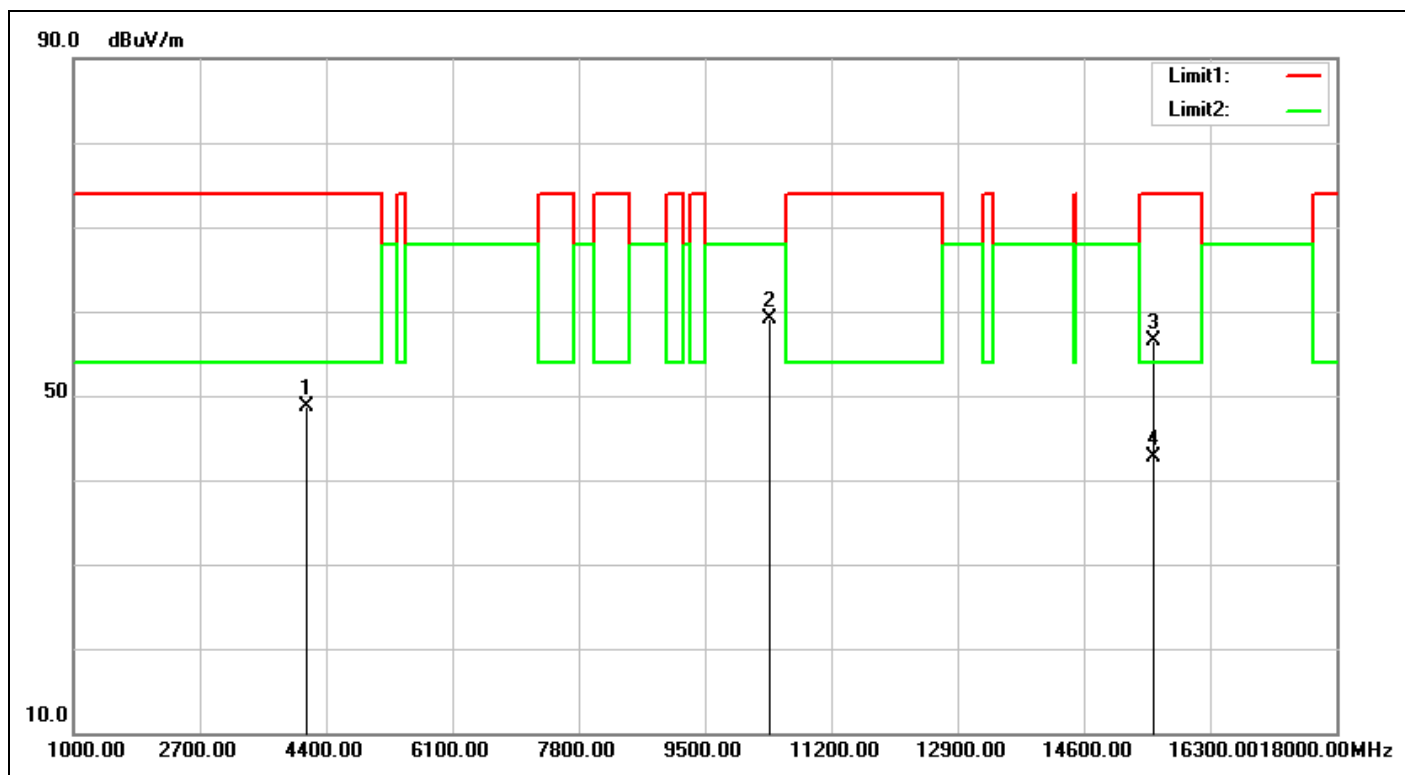
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



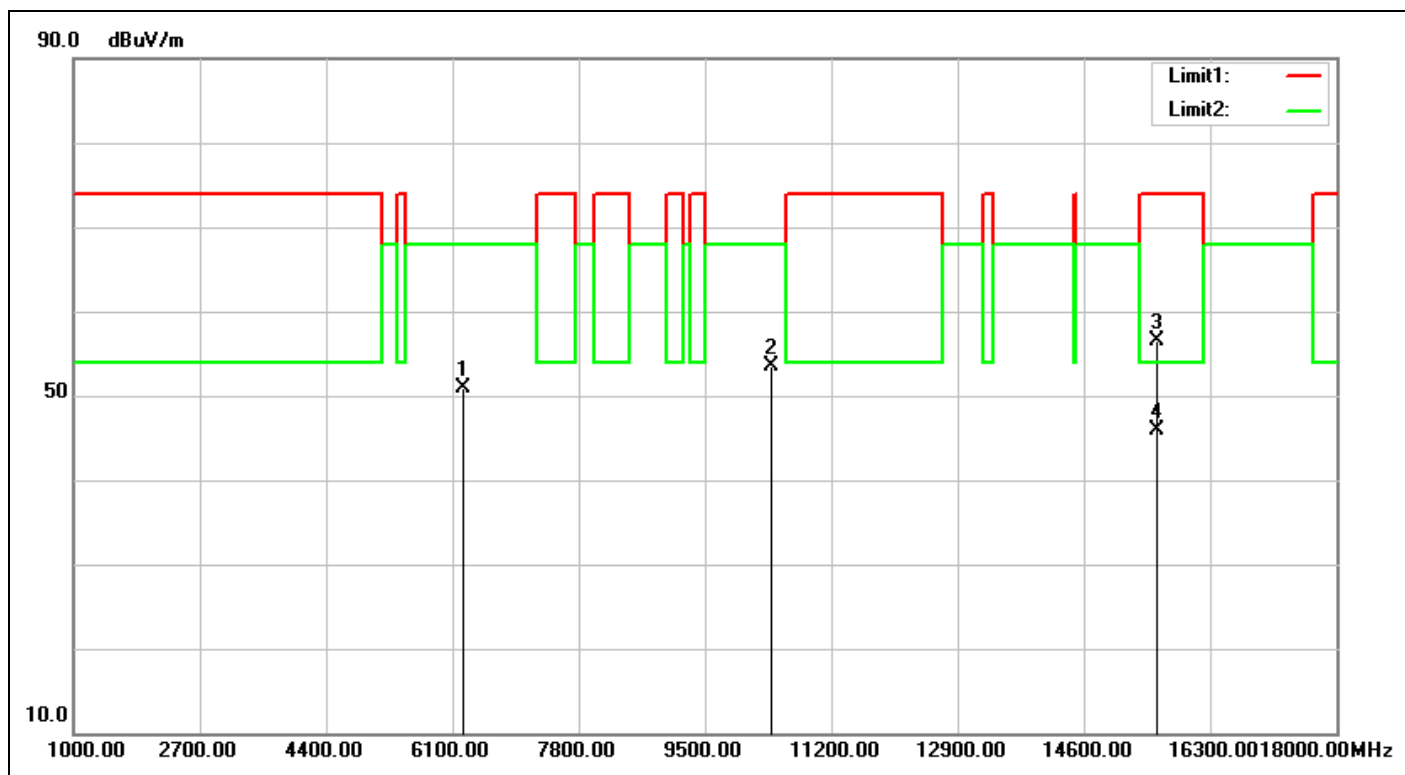
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 20:28:48
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5180-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2445.000	-6.15	55.60	49.45	74.00	-24.55	peak	100	17	
2	10360.000	5.87	48.39	54.26	68.00	-13.74	peak			
3	15540.000	12.38	43.79	56.17	74.00	-17.83	peak			
4	15540.000	12.38	31.22	43.60	54.00	-10.40	AVG			



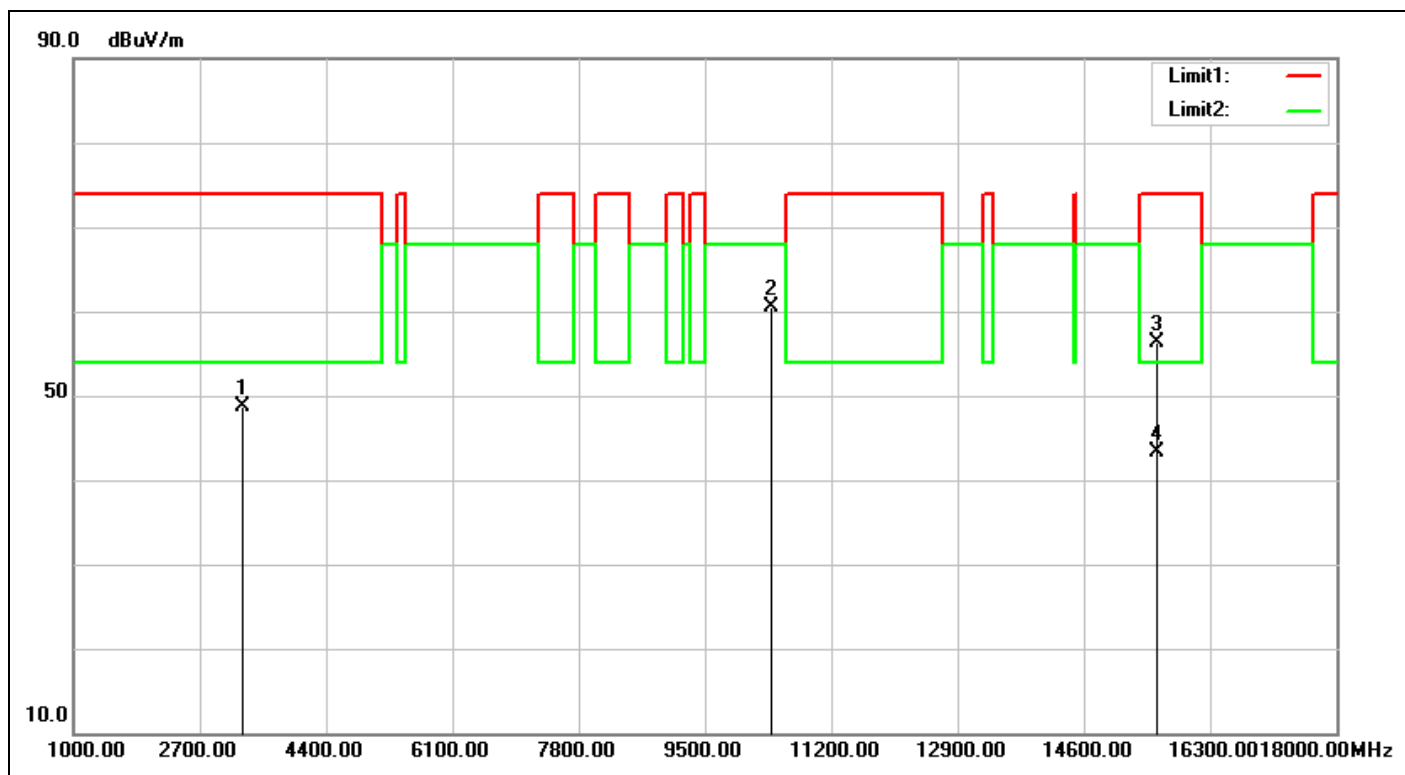
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 20:29:50
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5180-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4145.000	-3.31	51.94	48.63	74.00	-25.37	peak	100	297	
2	10360.000	5.87	53.17	59.04	68.00	-8.96	peak			
3	15540.000	12.38	44.04	56.42	74.00	-17.58	peak			
4	15540.000	12.38	30.42	42.80	54.00	-11.20	AVG			



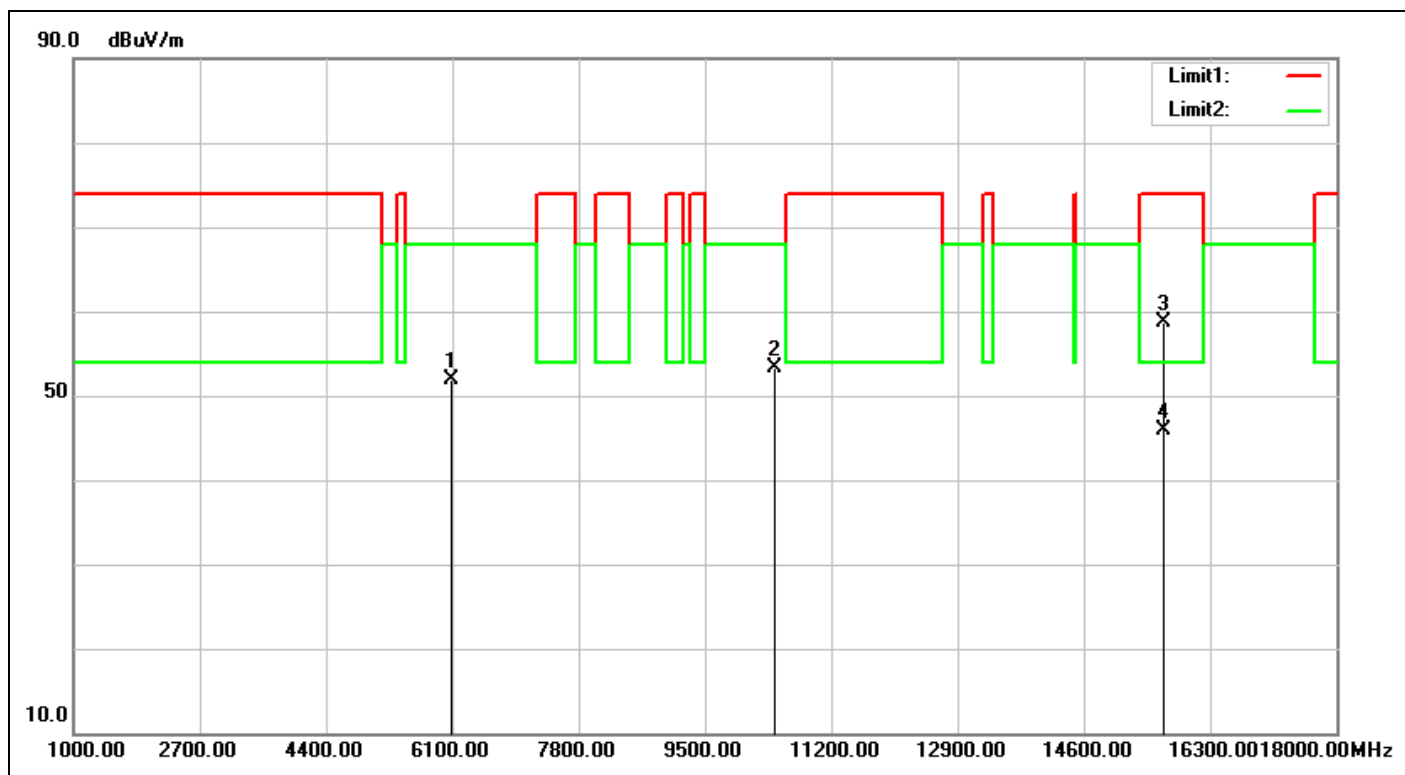
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 20:32:20
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	6253.000	5.49	45.35	50.84	68.00	-17.16	peak	100	331	
2	10400.000	5.84	47.73	53.57	68.00	-14.43	peak			
3	15600.000	12.65	43.94	56.59	74.00	-17.41	peak			
4	15600.000	12.65	33.33	45.98	54.00	-8.02	AVG			



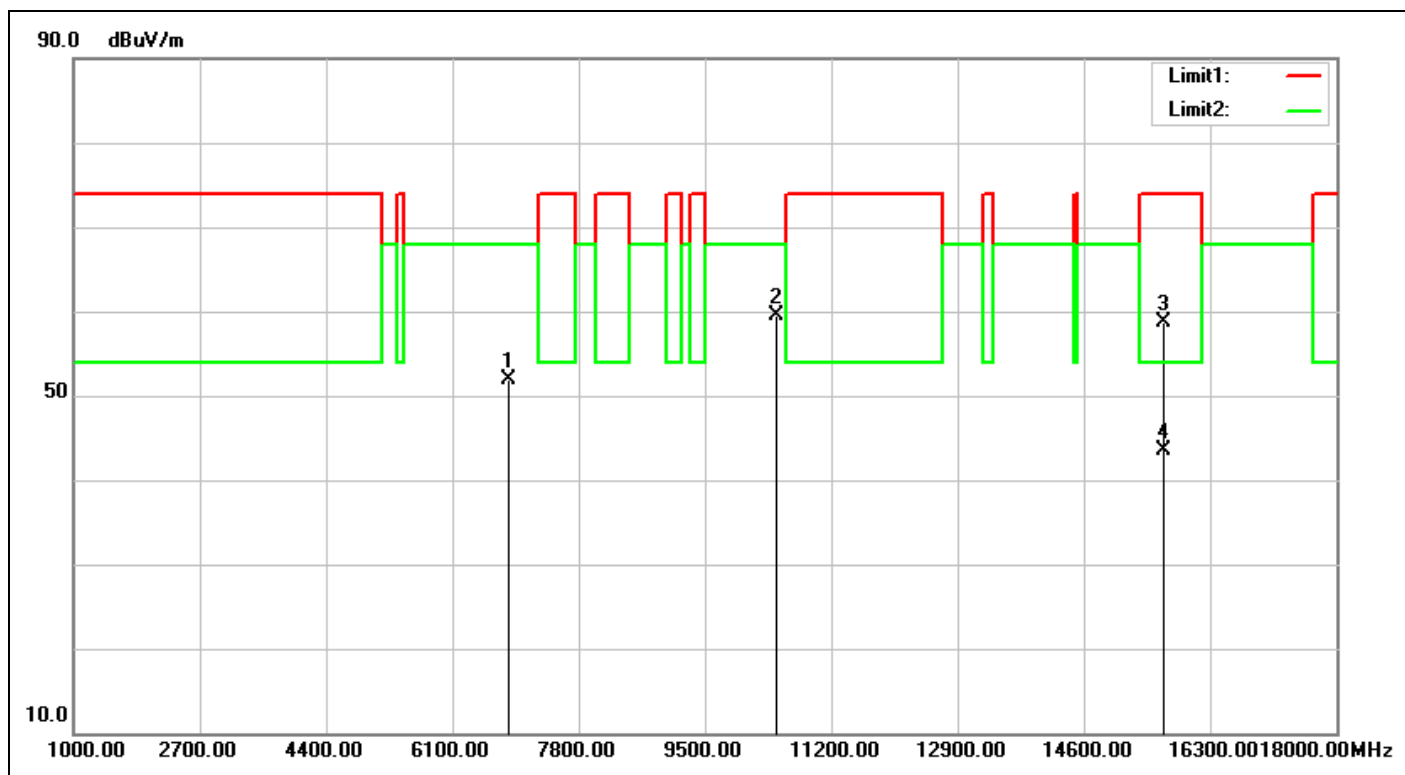
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 20:33:23
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3278.000	-5.03	53.65	48.62	74.00	-25.38	peak	100	165	
2	10400.000	5.84	54.65	60.49	68.00	-7.51	peak			
3	15600.000	12.65	43.59	56.24	74.00	-17.76	peak			
4	15600.000	12.65	30.67	43.32	54.00	-10.68	AVG			



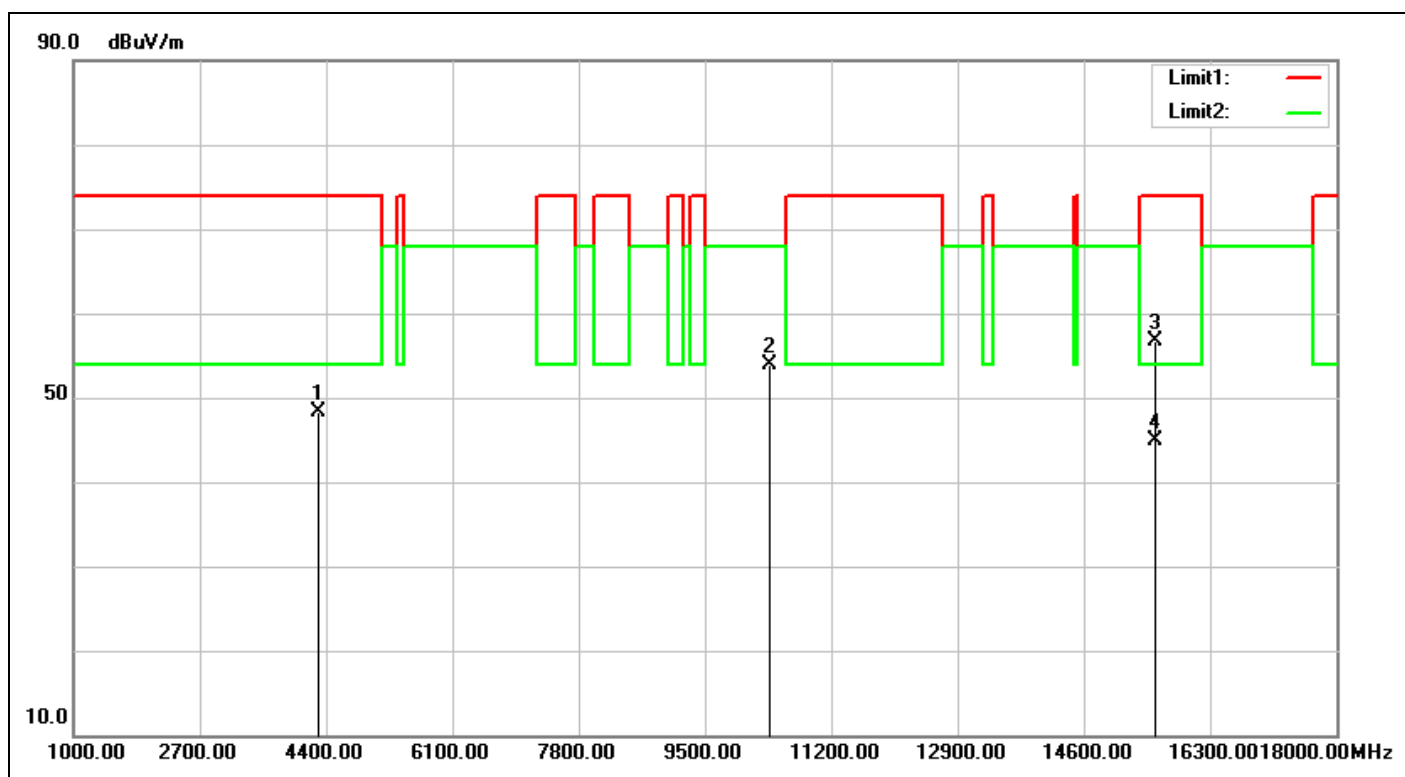
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Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%) :	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5220-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	6083.000	4.94	46.93	51.87	68.00	-16.13	peak	100	103	
2	10440.000	5.79	47.47	53.26	68.00	-14.74	peak			
3	15660.000	12.92	45.70	58.62	74.00	-15.38	peak			
4	15660.000	12.92	32.89	45.81	54.00	-8.19	AVG			



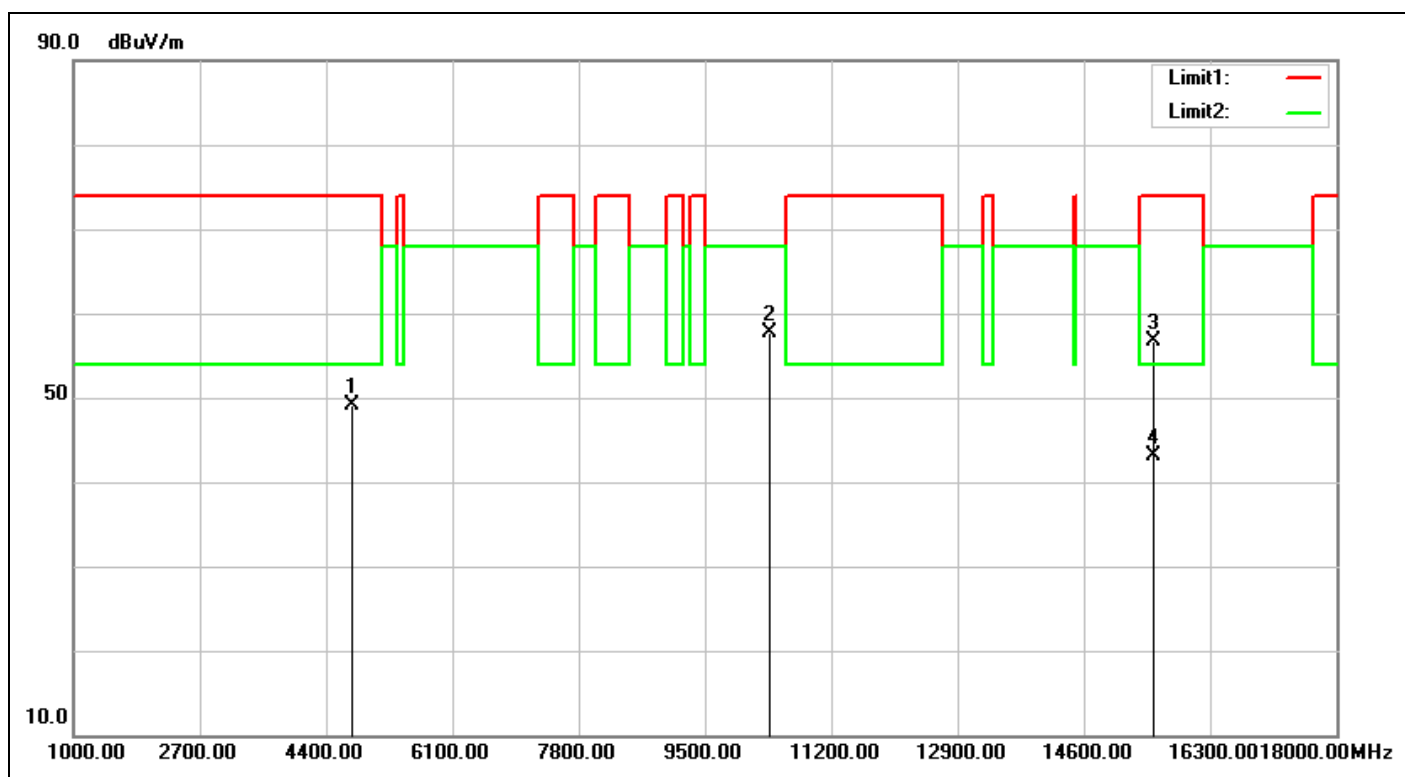
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Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5220-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	6865.000	5.88	46.10	51.98	68.00	-16.02	peak	100	352	
2	10440.000	5.79	53.70	59.49	68.00	-8.51	peak			
3	15660.000	12.92	45.71	58.63	74.00	-15.37	peak			
4	15660.000	12.92	30.64	43.56	54.00	-10.44	AVG			



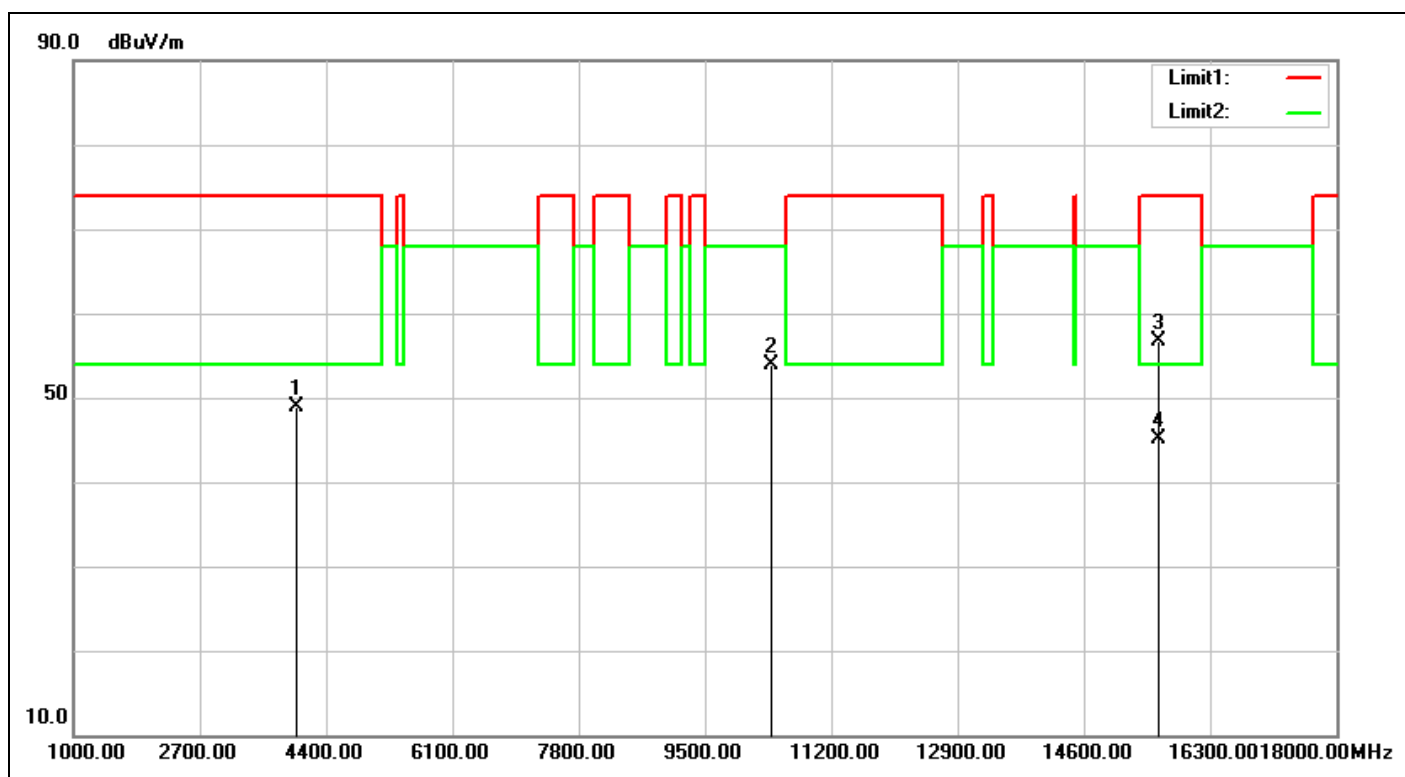
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 20:15:44
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5180-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4298.000	-2.74	51.13	48.39	74.00	-25.61	peak			
2	10360.000	5.87	47.94	53.81	68.00	-14.19	peak			
3	15540.000	12.38	44.42	56.80	74.00	-17.20	peak			
4	15540.000	12.38	32.52	44.90	54.00	-9.10	AVG			



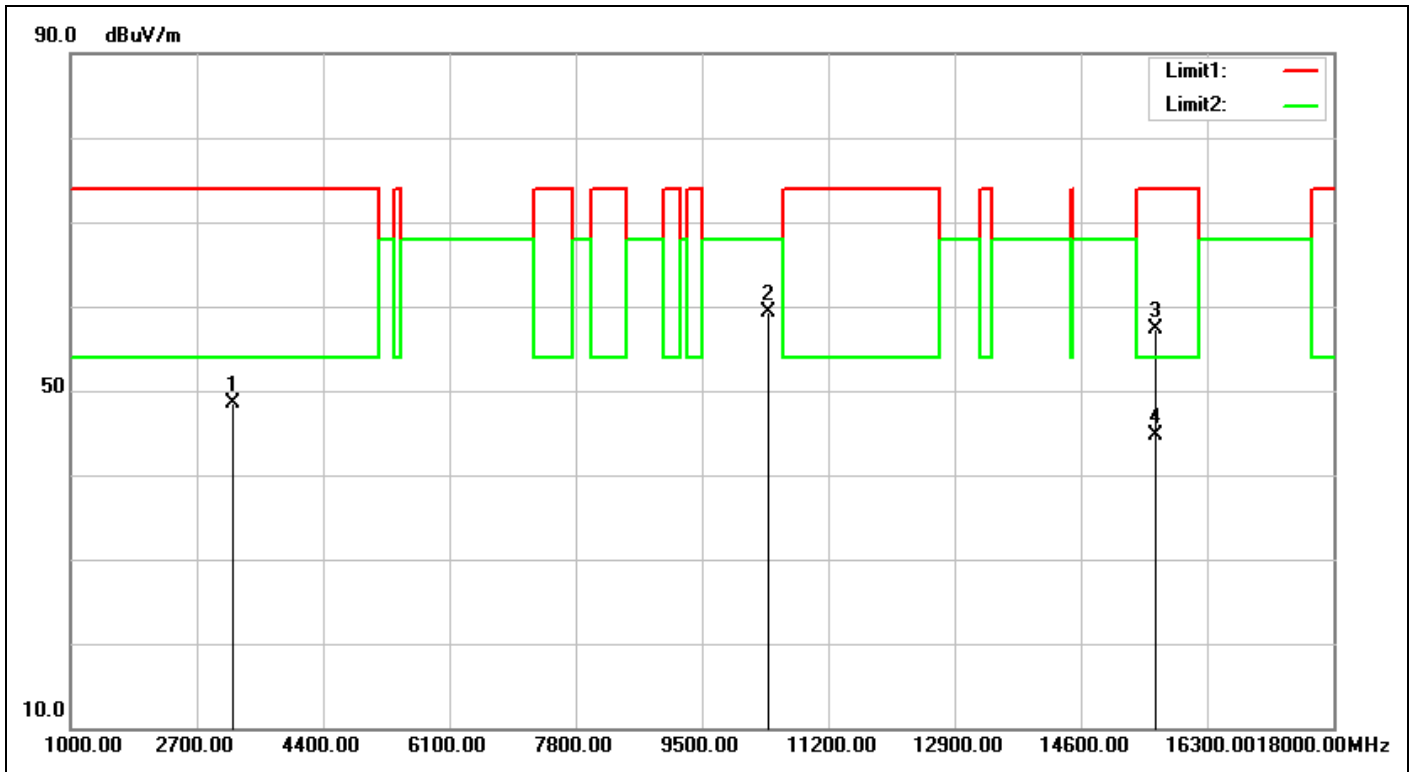
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 20:16:47
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5180-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4757.000	-1.72	50.74	49.02	74.00	-24.98	peak	100	0	
2	10360.000	5.87	51.93	57.80	68.00	-10.20	peak			
3	15540.000	12.38	44.42	56.80	74.00	-17.20	peak			
4	15540.000	12.38	30.82	43.20	54.00	-10.80	AVG			



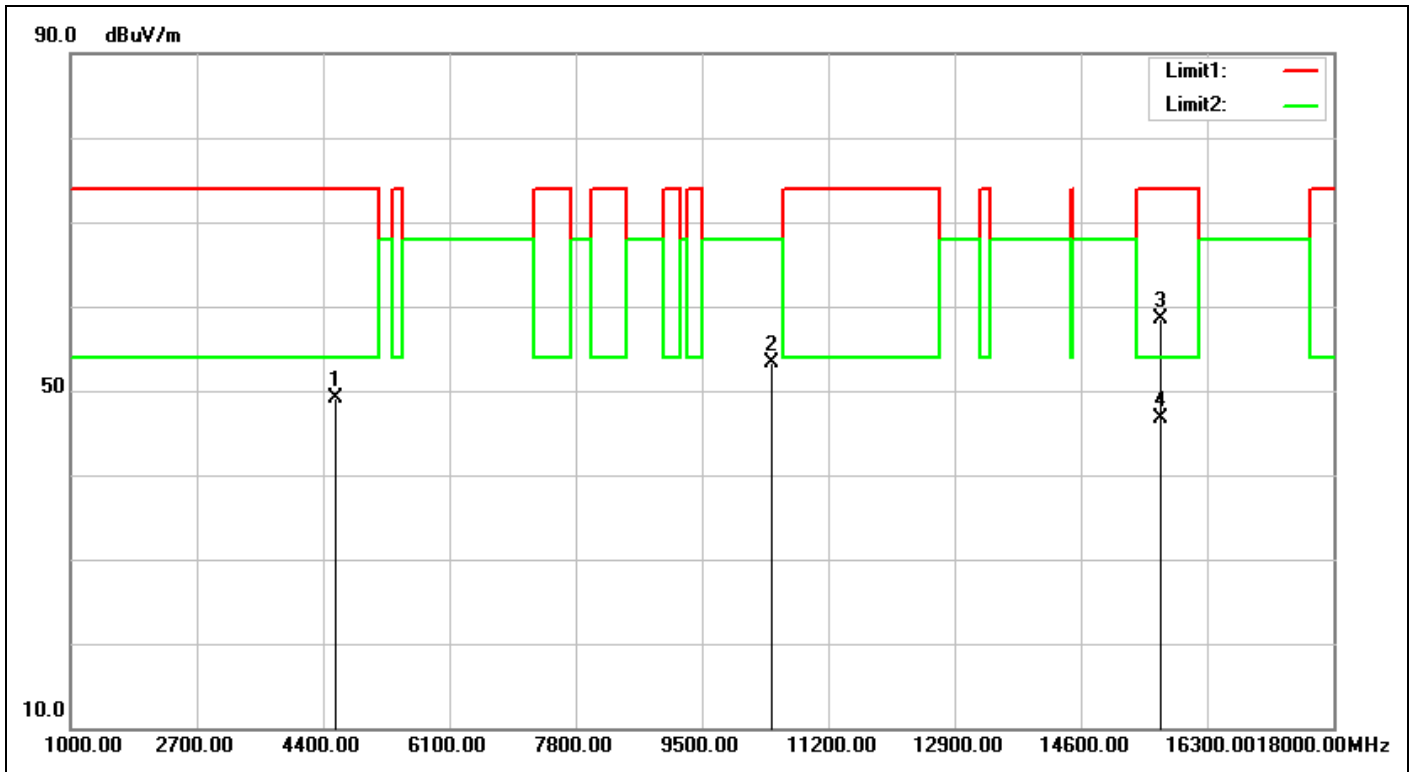
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 20:19:17
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3992.000	-3.85	52.71	48.86	74.00	-25.14	peak	100	135	
2	10400.000	5.84	48.11	53.95	68.00	-14.05	peak			
3	15600.000	12.65	44.15	56.80	74.00	-17.20	peak			
4	15600.000	12.65	32.45	45.10	54.00	-8.90	AVG			



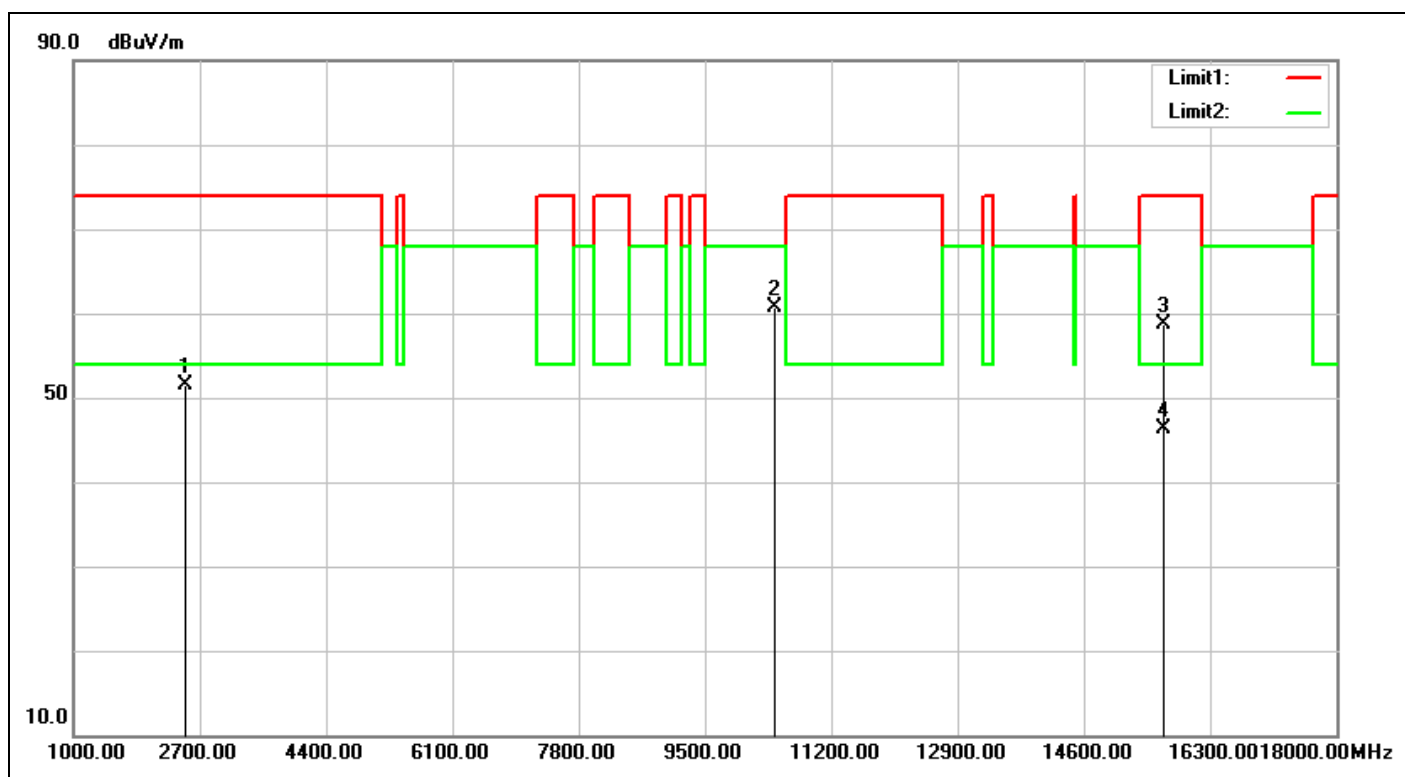
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 20:20:20
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3193.000	-5.12	53.55	48.43	74.00	-25.57	peak	100	320	
2	10400.000	5.84	53.50	59.34	68.00	-8.66	peak			
3	15600.000	12.65	44.57	57.22	74.00	-16.78	peak			
4	15600.000	12.65	32.05	44.70	54.00	-9.30	AVG			



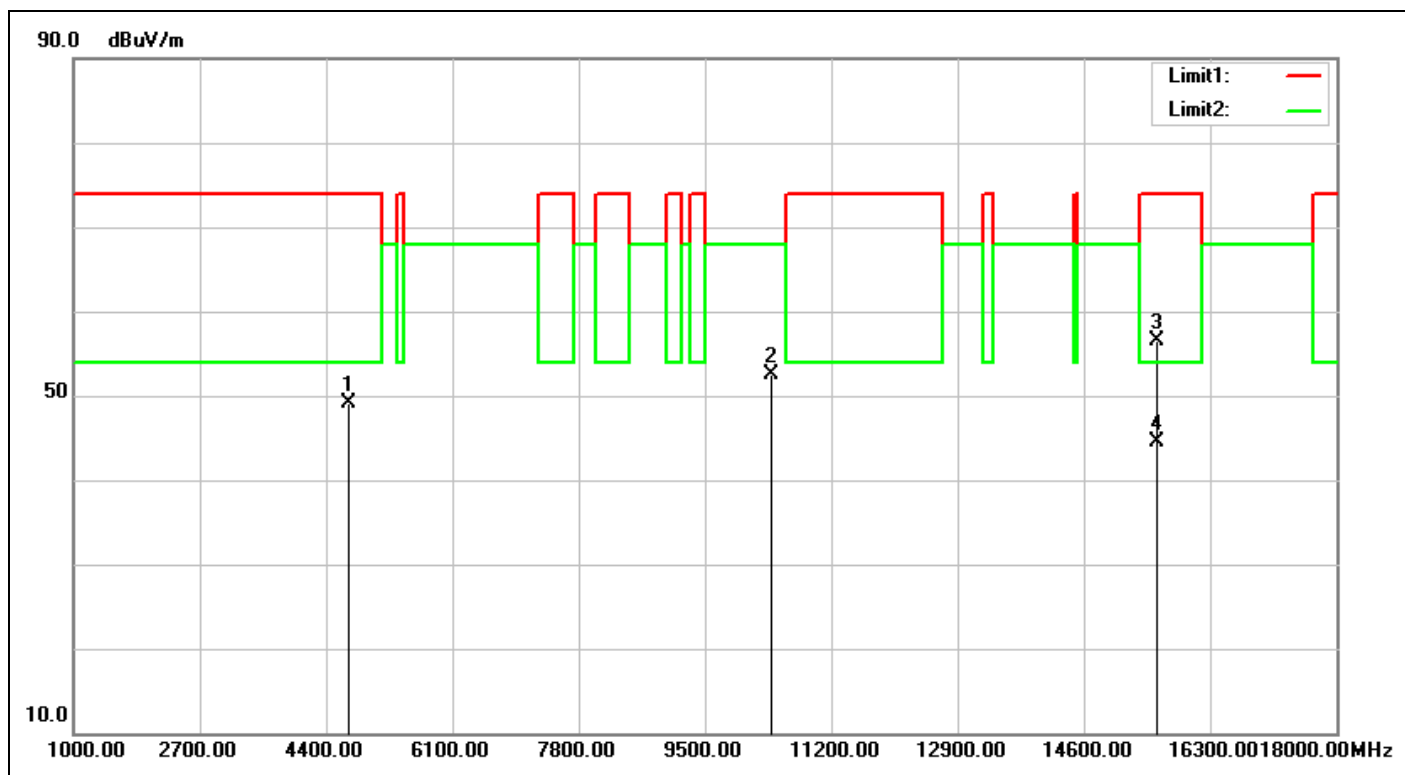
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Test item:	Radiation Emission	Test Time:	2017/3/9 20:22:55
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5220-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4570.000	-1.93	51.02	49.09	74.00	-24.91	peak	100	193	
2	10440.000	5.79	47.44	53.23	68.00	-14.77	peak			
3	15660.000	12.92	45.49	58.41	74.00	-15.59	peak			
4	15660.000	12.92	33.88	46.80	54.00	-7.20	AVG			



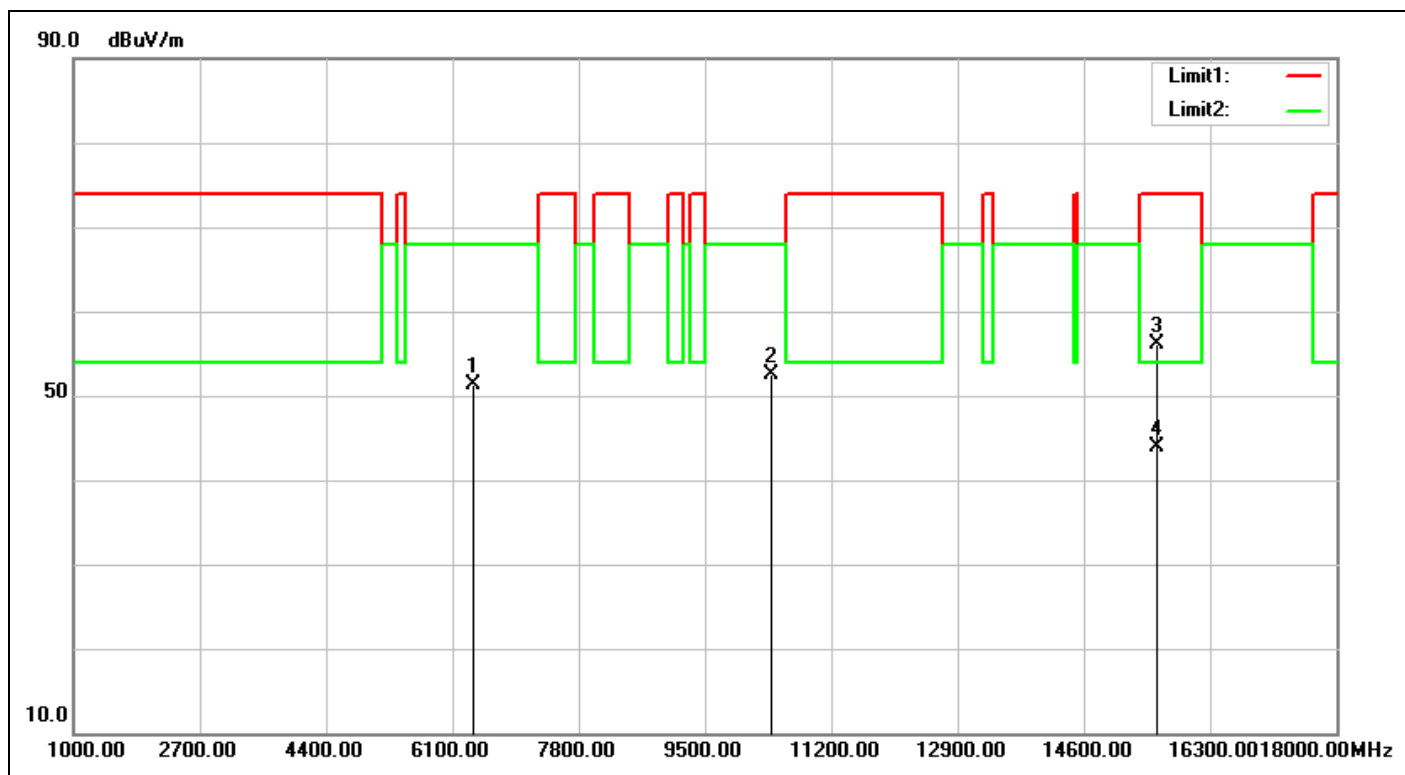
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 20:23:58
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%)	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5220-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2513.000	-6.11	57.71	51.60	74.00	-22.40	peak	100	41	
2	10440.000	5.79	54.86	60.65	68.00	-7.35	peak	100	314	
3	15660.000	12.92	45.79	58.71	74.00	-15.29	peak			
4	15660.000	12.92	33.38	46.30	54.00	-7.70	AVG			



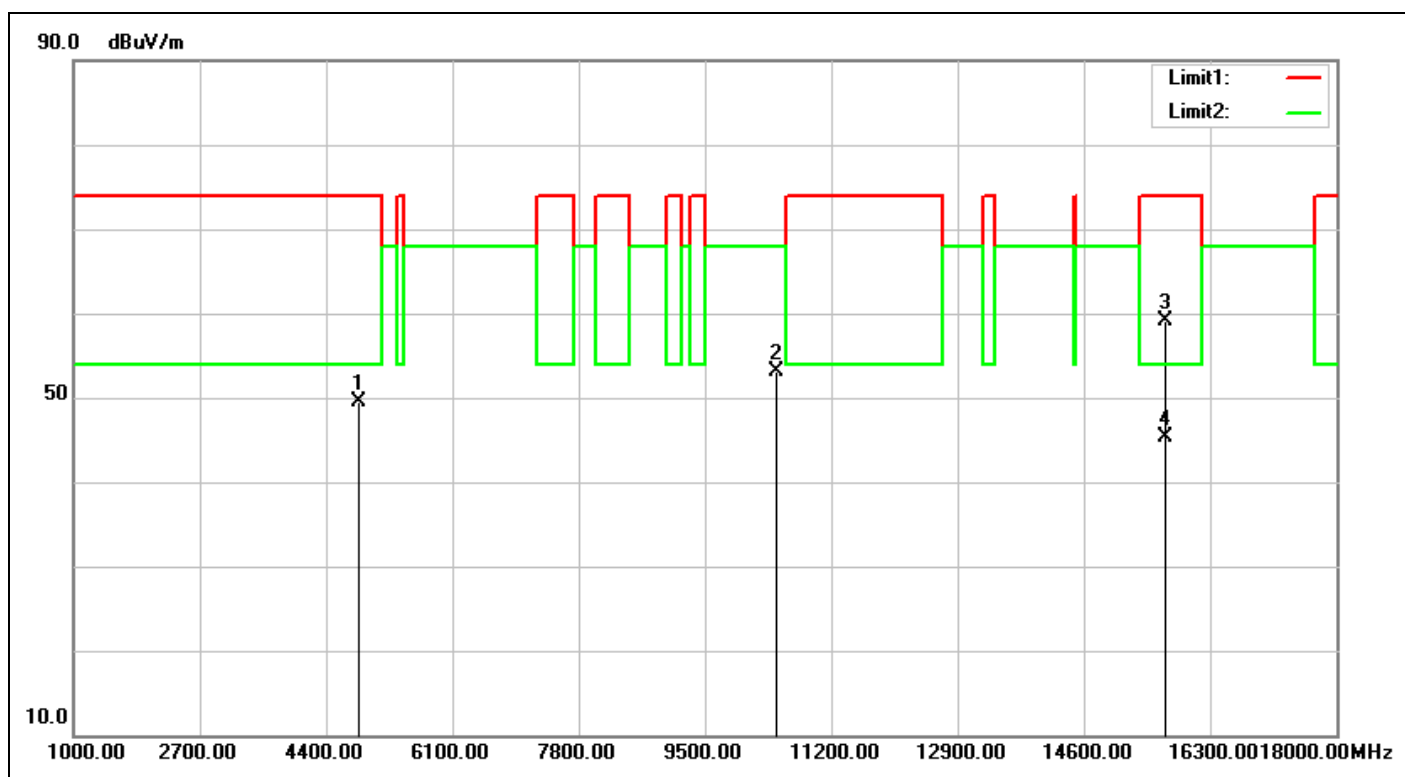
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 20:07:01
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A40-5190-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4706.000	-1.78	50.85	49.07	74.00	-24.93	peak	100	57	
2	10380.000	5.86	46.65	52.51	68.00	-15.49	peak		0	
3	15570.000	12.52	44.02	56.54	74.00	-17.46	peak		0	
4	15570.000	12.52	32.08	44.60	54.00	-9.40	AVG		0	



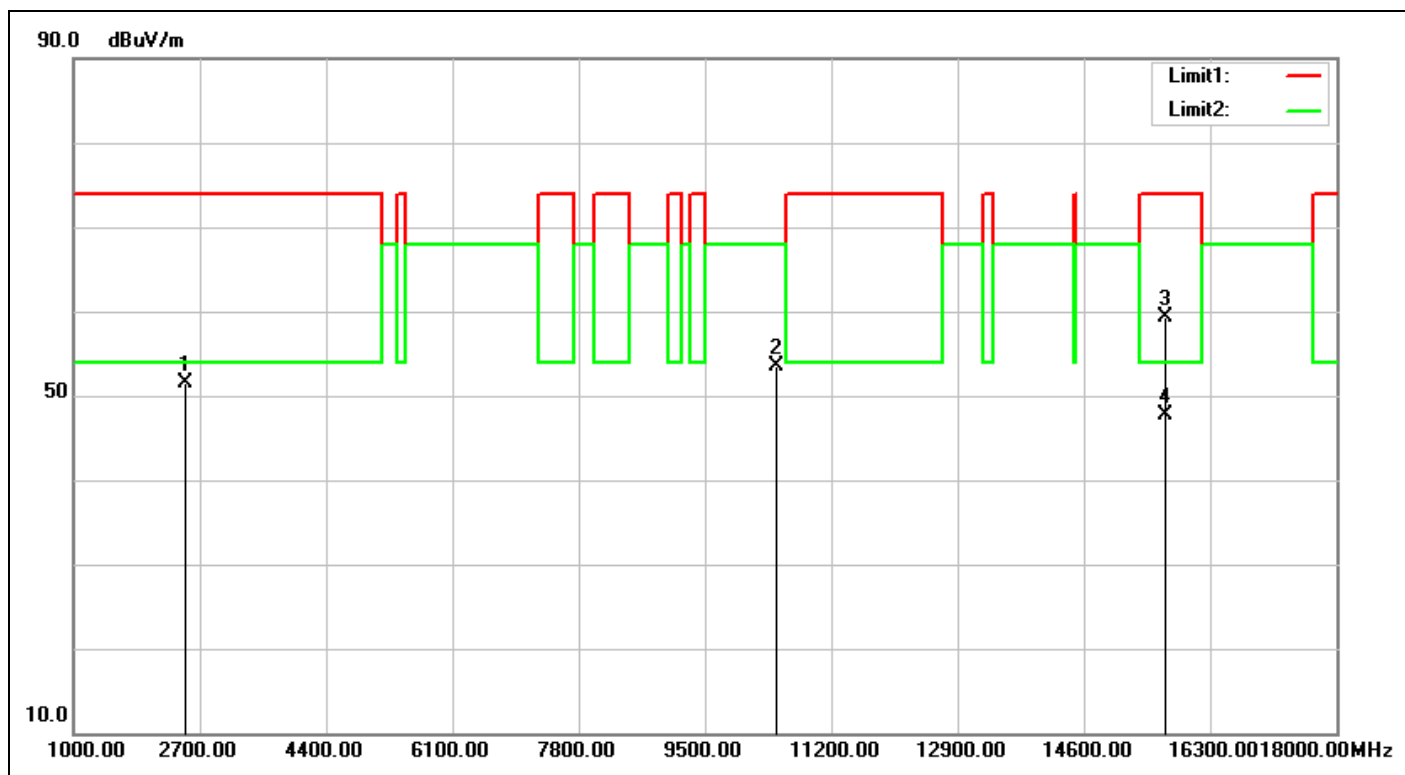
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 20:08:04
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A40-5190-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	6372.000	5.88	45.41	51.29	68.00	-16.71	peak	100	224	
2	10380.000	5.86	46.67	52.53	68.00	-15.47	peak			
3	15570.000	12.52	43.60	56.12	74.00	-17.88	peak			
4	15570.000	12.52	31.48	44.00	54.00	-10.00	AVG			



Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 20:11:42
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A40-5230-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4842.000	-1.62	51.10	49.48	74.00	-24.52	peak	100	218	
2	10460.000	5.77	47.35	53.12	68.00	-14.88	peak			
3	15690.000	13.07	46.00	59.07	74.00	-14.93	peak			
4	15690.000	13.07	32.23	45.30	54.00	-8.70	AVG			



Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 20:12:45
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A40-5230-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2513.000	-6.11	57.55	51.44	74.00	-22.56	peak	100	176	
2	10460.000	5.77	47.81	53.58	68.00	-14.42	peak			
3	15690.000	13.07	46.22	59.29	74.00	-14.71	peak			
4	15690.000	13.07	34.73	47.80	54.00	-6.20	AVG			

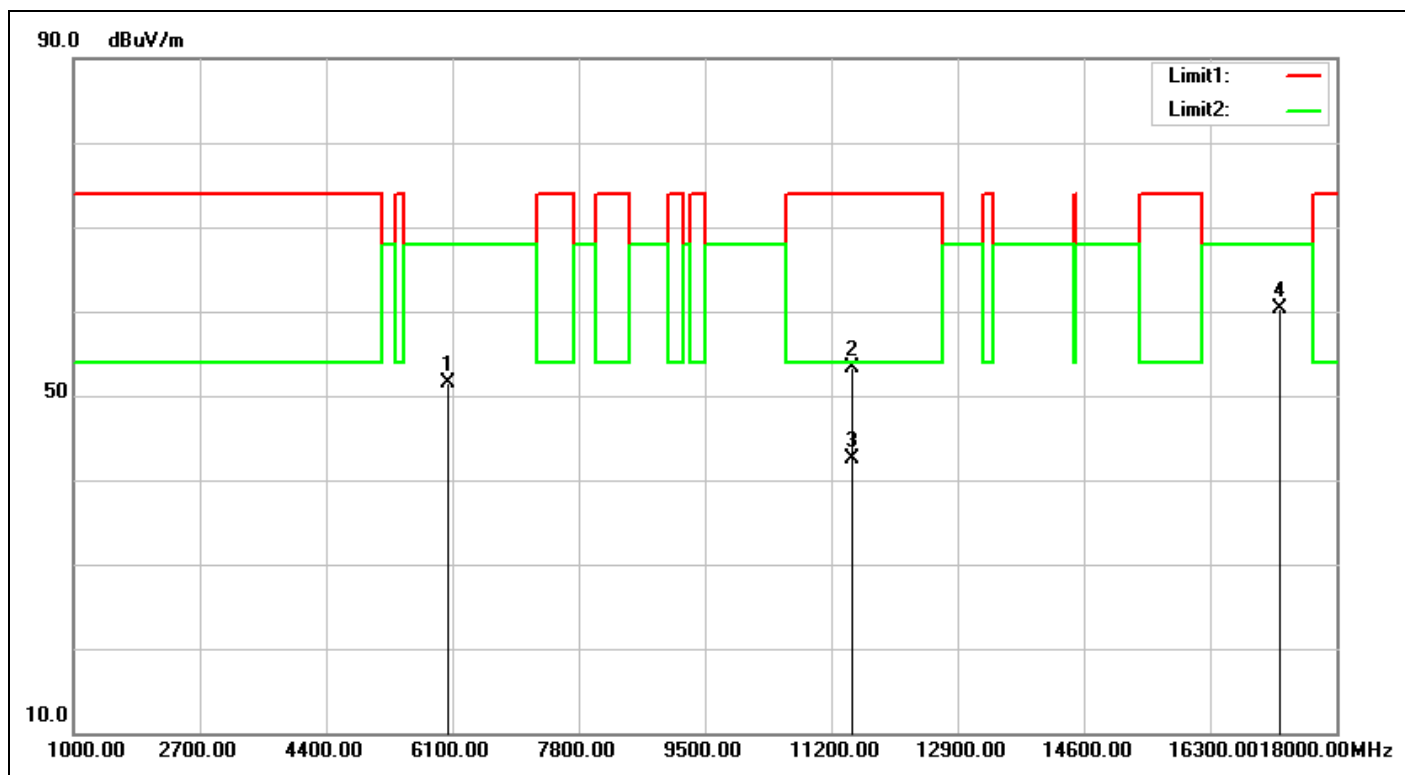
Spurious Emissions, TX Mode, 1-18G , 5725-5850MHz



TUV Taiwan

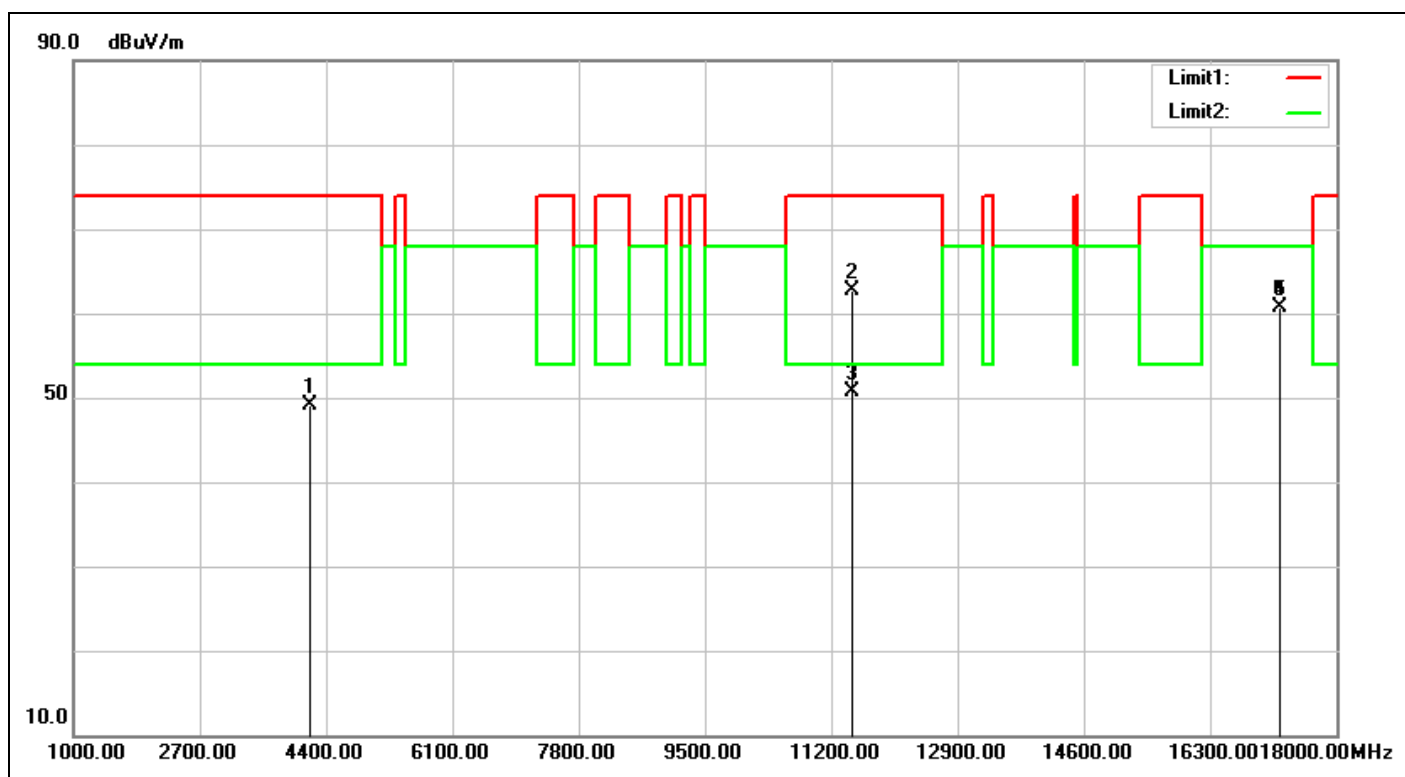
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



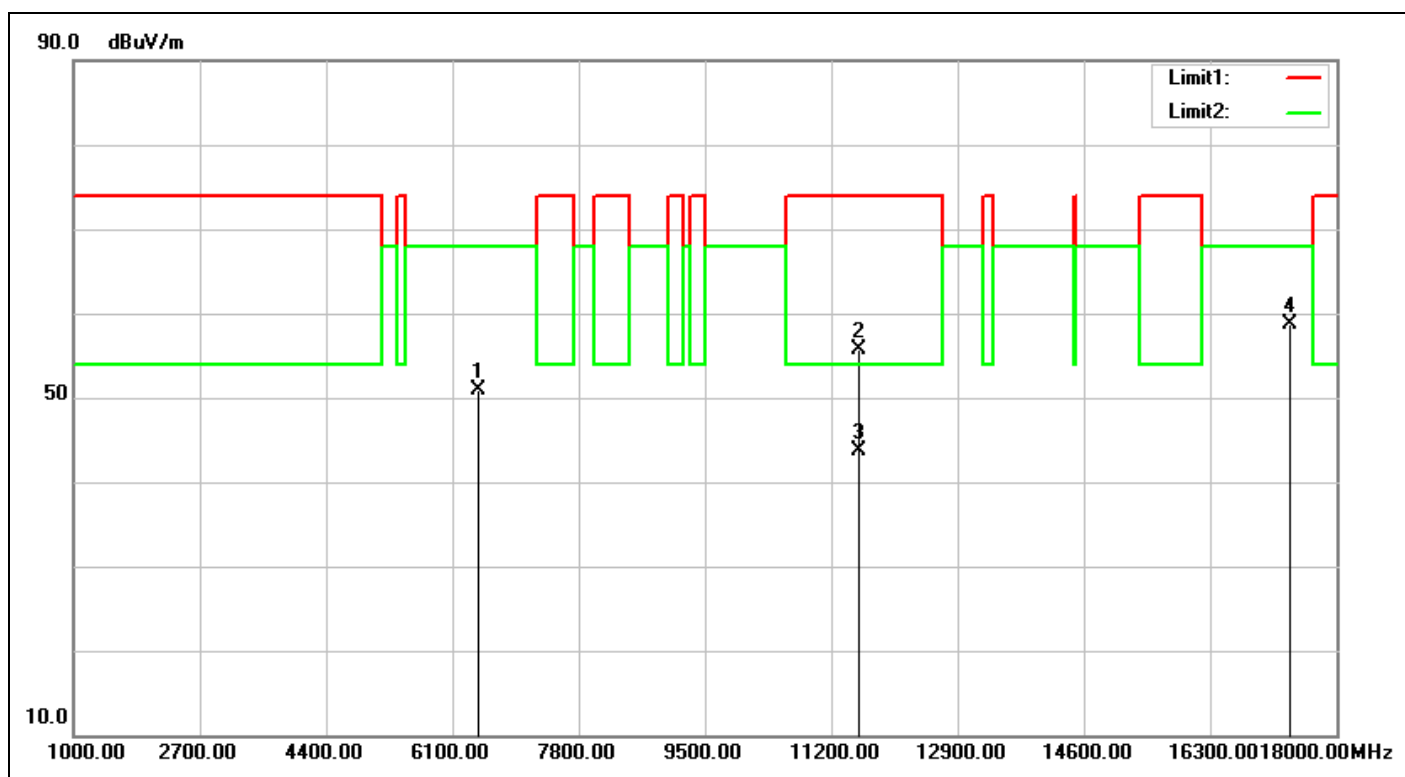
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 20:45:29
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5745-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	6032.000	4.77	46.72	51.49	68.00	-16.51	peak	100	133	
2	11490.000	5.80	47.59	53.39	74.00	-20.61	peak		0	
3	11490.000	5.80	36.70	42.50	54.00	-11.50	AVG		0	
4	17235.000	16.35	43.99	60.34	68.00	-7.66	peak		0	



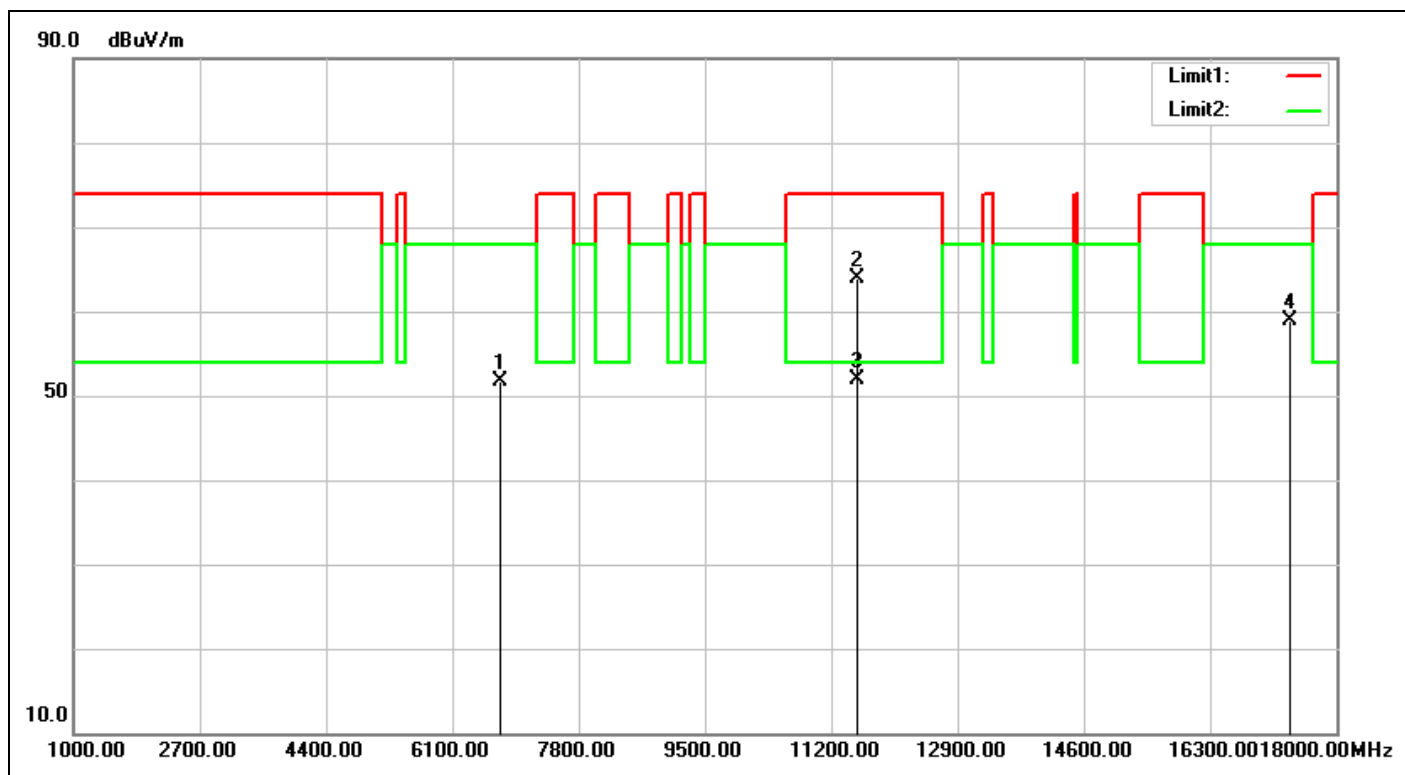
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 20:46:32
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5745-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4179.000	-3.18	52.30	49.12	74.00	-24.88	peak	100	133	
2	11490.000	5.80	56.83	62.63	74.00	-11.37	peak	100	228	
3	11490.000	5.80	44.99	50.79	54.00	-3.21	AVG	100	228	
4	17235.000	16.35	44.34	60.69	68.00	-7.31	peak			
5	17235.000	16.35	44.34	60.69	68.00	-7.31	peak		0	



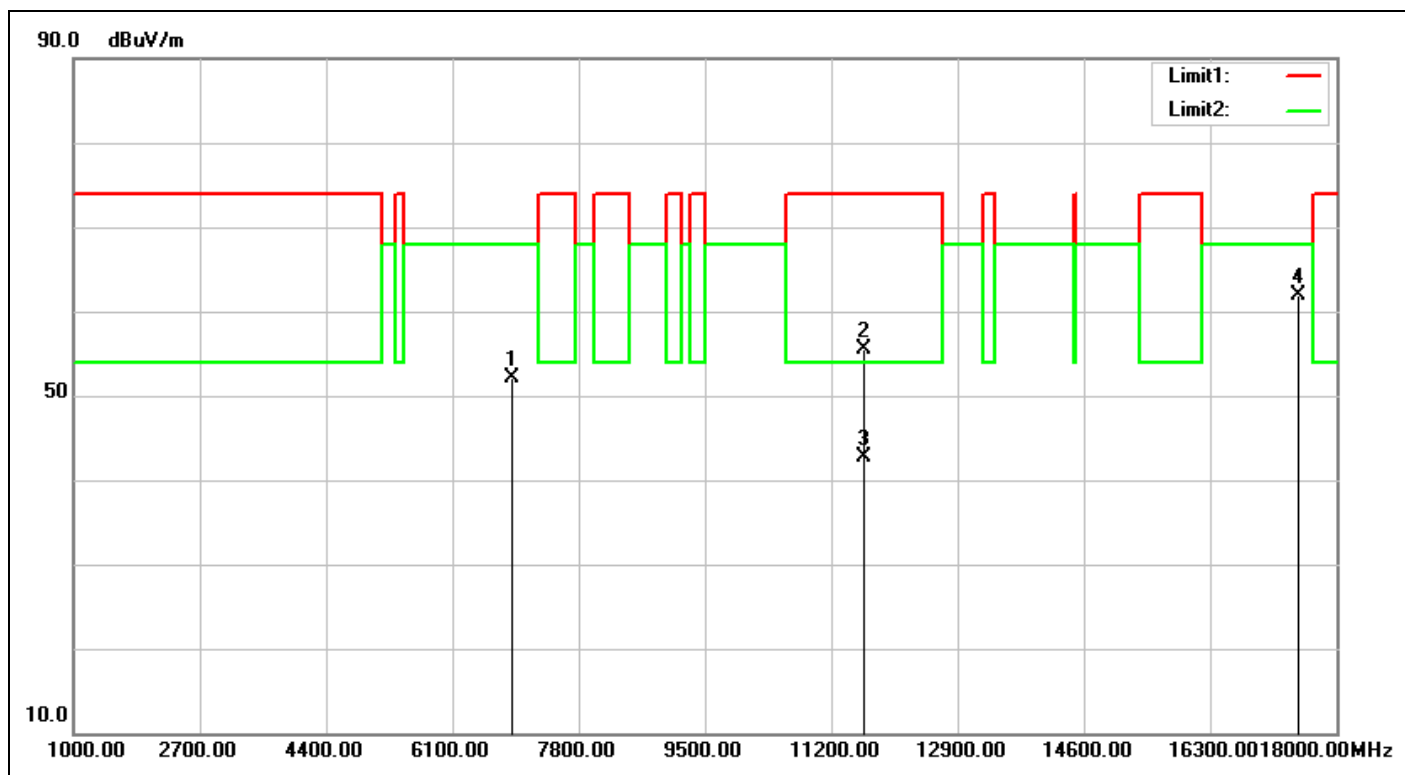
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 20:51:09
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5785-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	6440.000	6.11	44.85	50.96	68.00	-17.04	peak	100	239	
2	11570.000	6.08	49.58	55.66	74.00	-18.34	peak			
3	11570.000	6.08	37.62	43.70	54.00	-10.30	AVG			
4	17355.000	16.20	42.47	58.67	68.00	-9.33	peak			



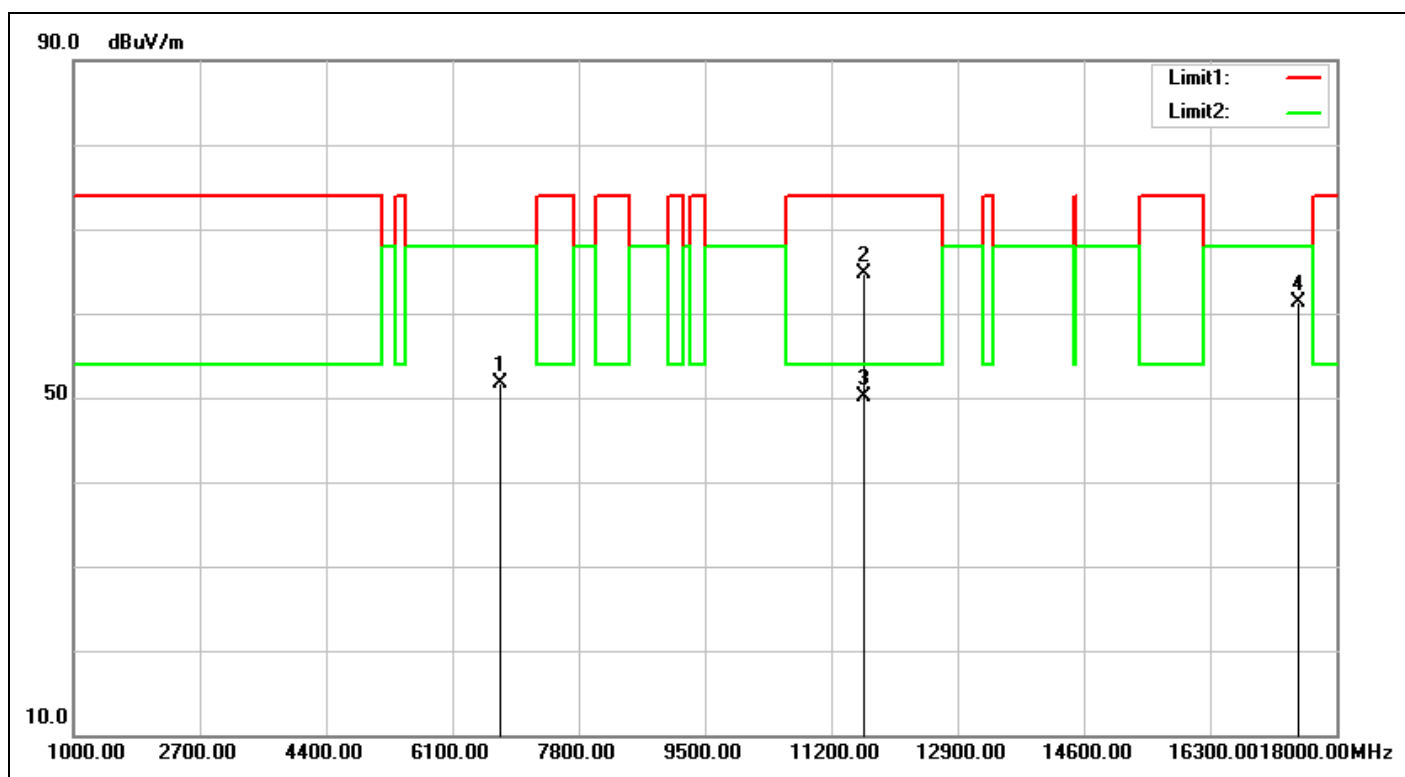
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 20:52:11
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5785-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	6746.000	6.02	45.78	51.80	68.00	-16.20	peak	100	144	
2	11570.000	6.08	57.86	63.94	74.00	-10.06	peak	100	107	
3	11570.000	6.08	45.92	52.00	54.00	-2.00	AVG	100	107	
4	17355.000	16.20	42.65	58.85	68.00	-9.15	peak			



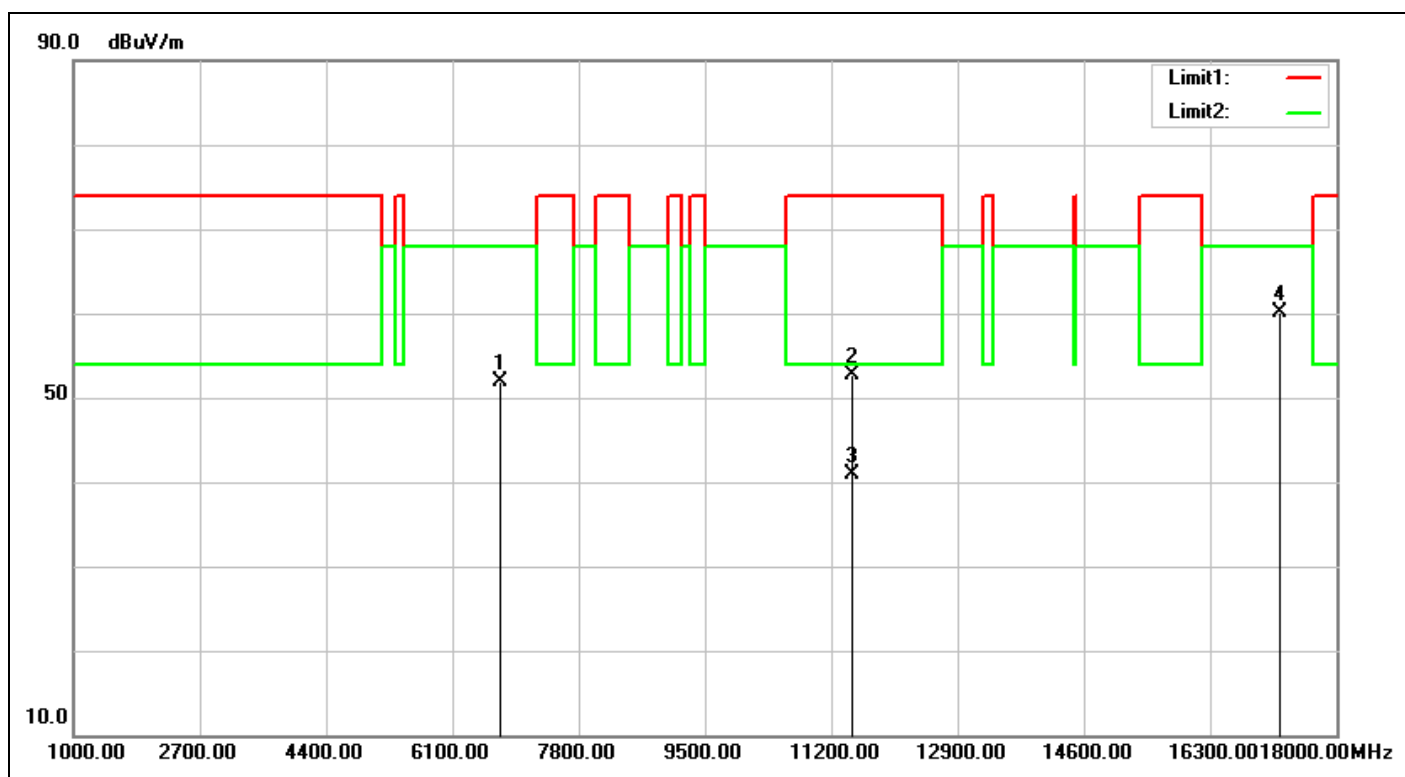
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 20:55:16
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5825-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	6899.000	5.85	46.30	52.15	68.00	-15.85	peak	100	175	
2	11650.000	6.38	49.17	55.55	74.00	-18.45	peak			
3	11650.000	6.38	36.42	42.80	54.00	-11.20	AVG			
4	17475.000	16.04	45.95	61.99	68.00	-6.01	peak			



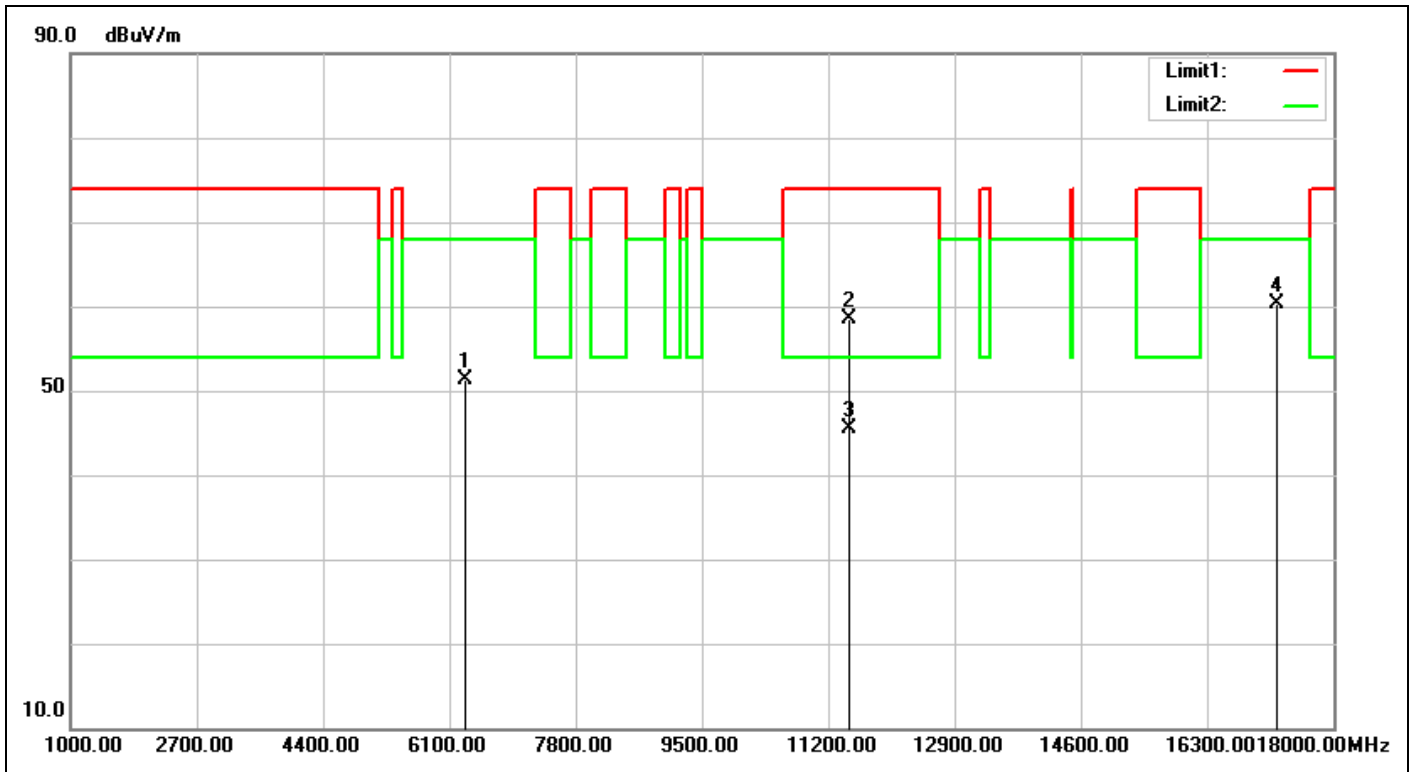
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 20:56:19
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5825-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	6746.000	6.02	45.78	51.80	68.00	-16.20	peak	100	99	
2	11650.000	6.38	58.29	64.67	74.00	-9.33	peak	100	110	
3	11650.000	6.38	43.66	50.04	54.00	-3.96	AVG	100	110	
4	17475.000	16.04	45.28	61.32	68.00	-6.68	peak			



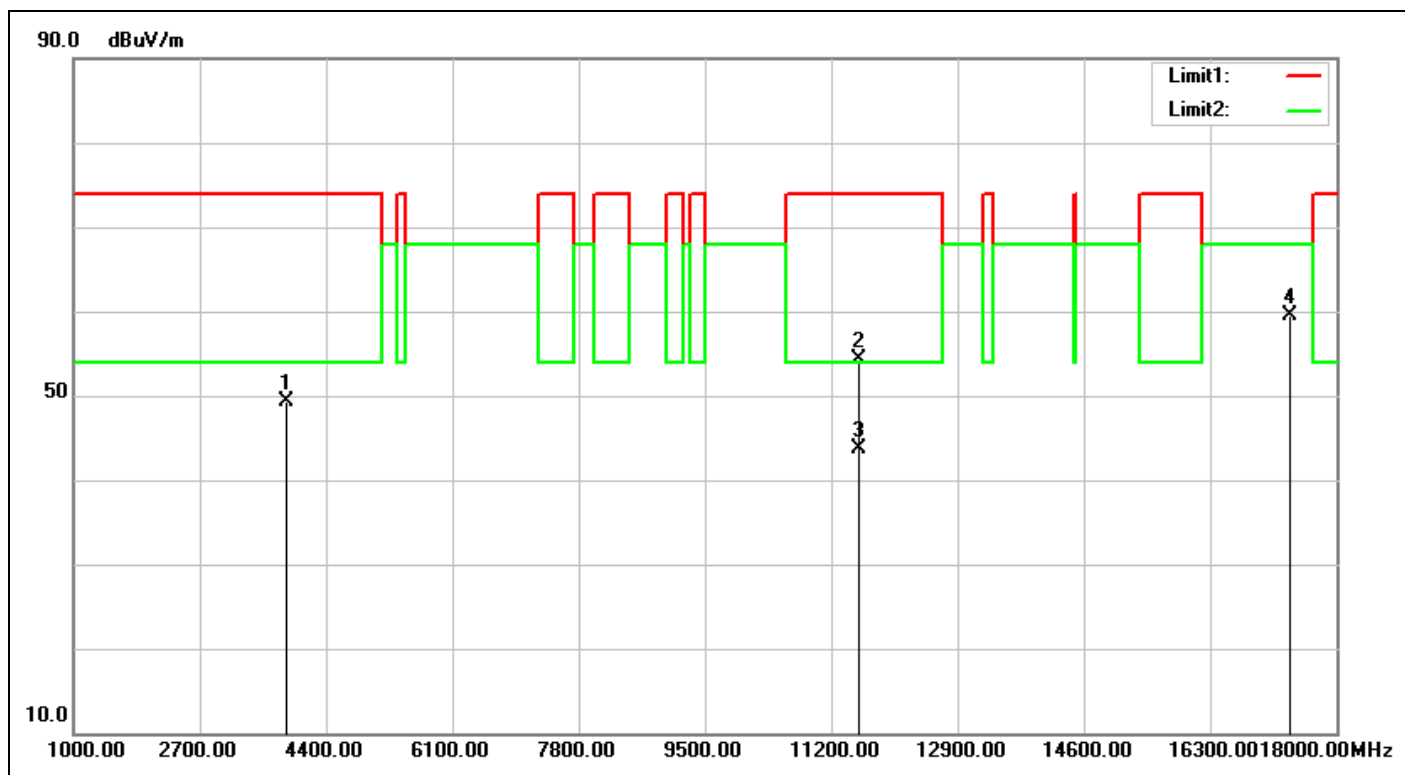
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:01:50
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5745-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	6746.000	6.02	45.89	51.91	68.00	-16.09	peak	100	334	
2	11490.000	5.80	46.87	52.67	74.00	-21.33	peak			
3	11490.000	5.80	35.10	40.90	54.00	-13.10	AVG			
4	17235.000	16.35	43.84	60.19	68.00	-7.81	peak			



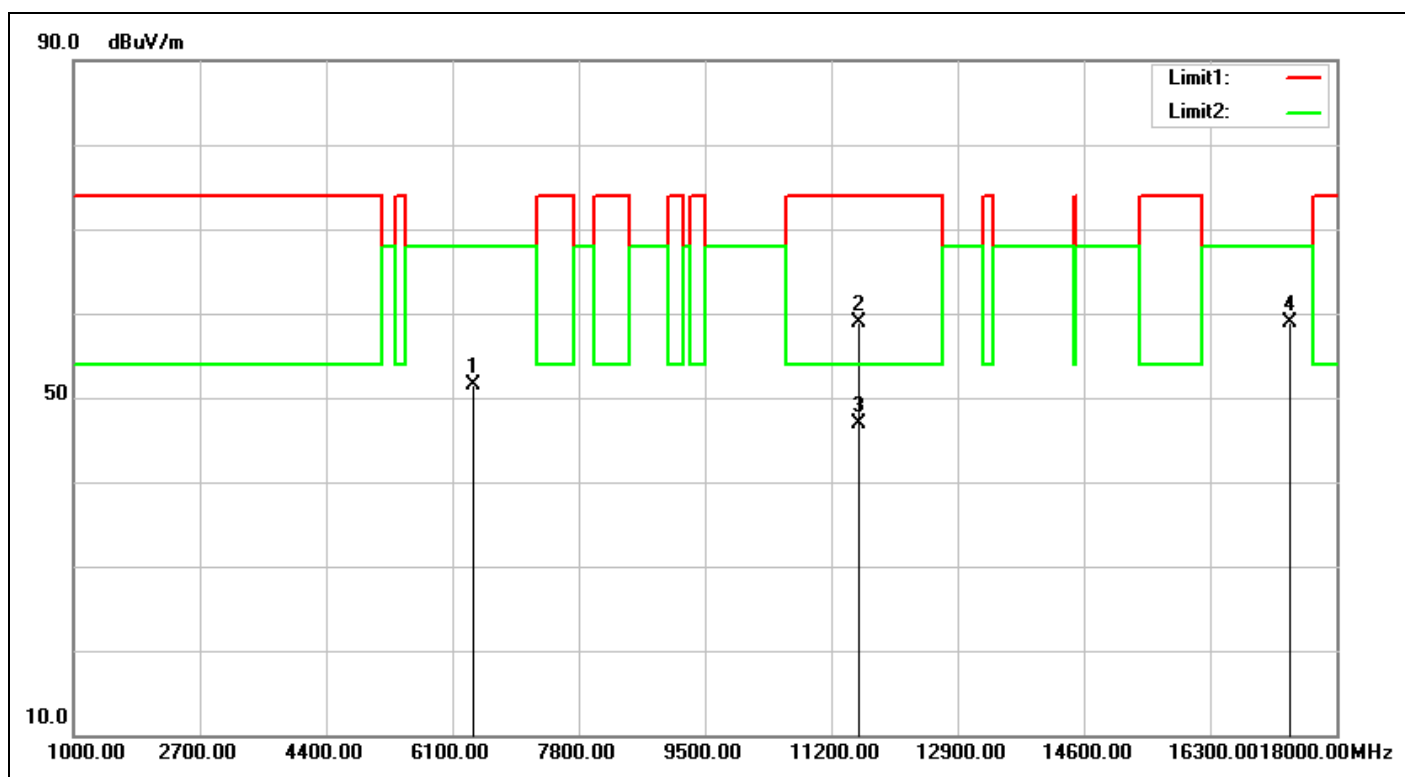
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:02:53
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5745-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	6321.000	5.71	45.64	51.35	68.00	-16.65	peak	100	138	
2	11490.000	5.80	52.61	58.41	74.00	-15.59	peak	100	75	
3	11490.000	5.80	39.70	45.50	54.00	-8.50	AVG	100	75	
4	17235.000	16.35	43.94	60.29	68.00	-7.71	peak			



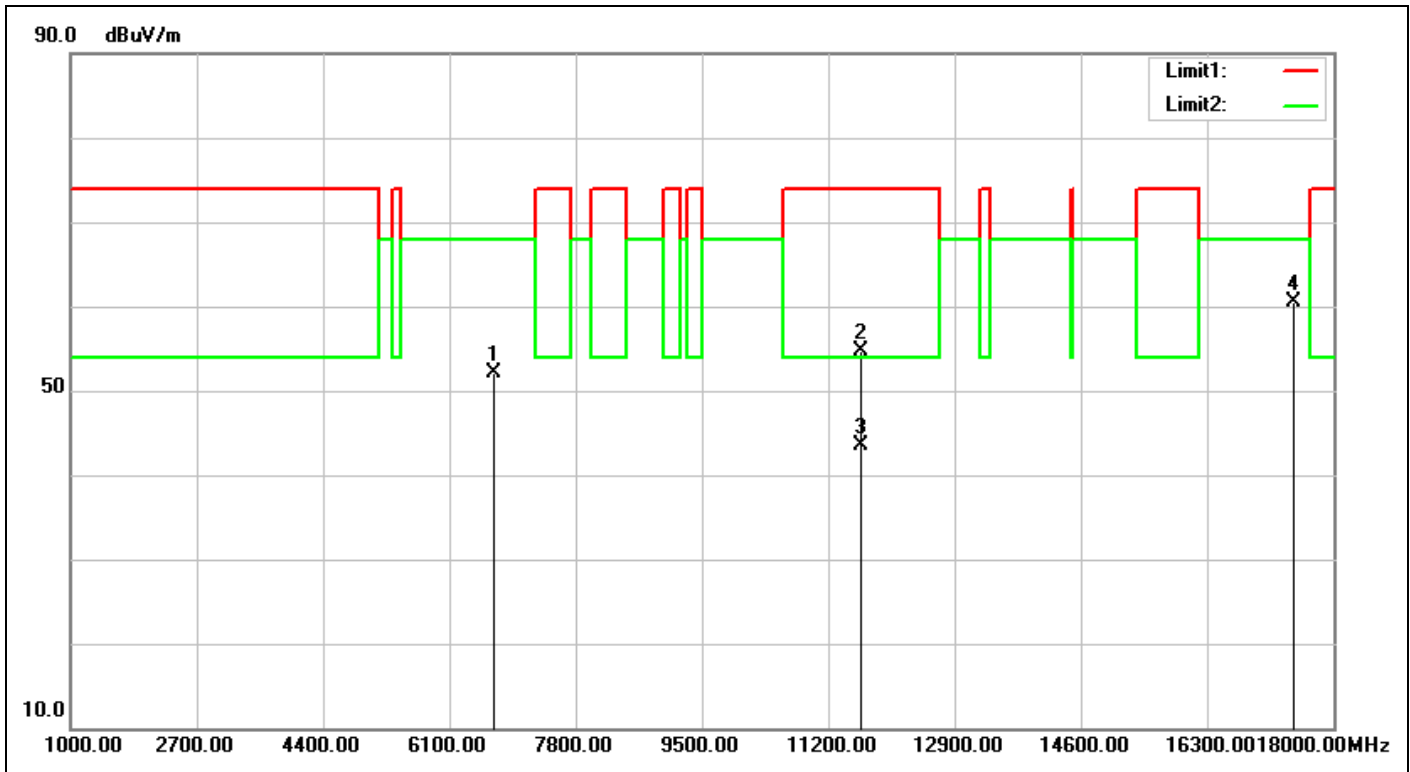
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:05:33
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5785-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3856.000	-4.11	53.41	49.30	74.00	-24.70	peak	100	300	
2	11570.000	6.08	48.16	54.24	74.00	-19.76	peak			
3	11570.000	6.08	37.72	43.80	54.00	-10.20	AVG			
4	17355.000	16.20	43.25	59.45	68.00	-8.55	peak			



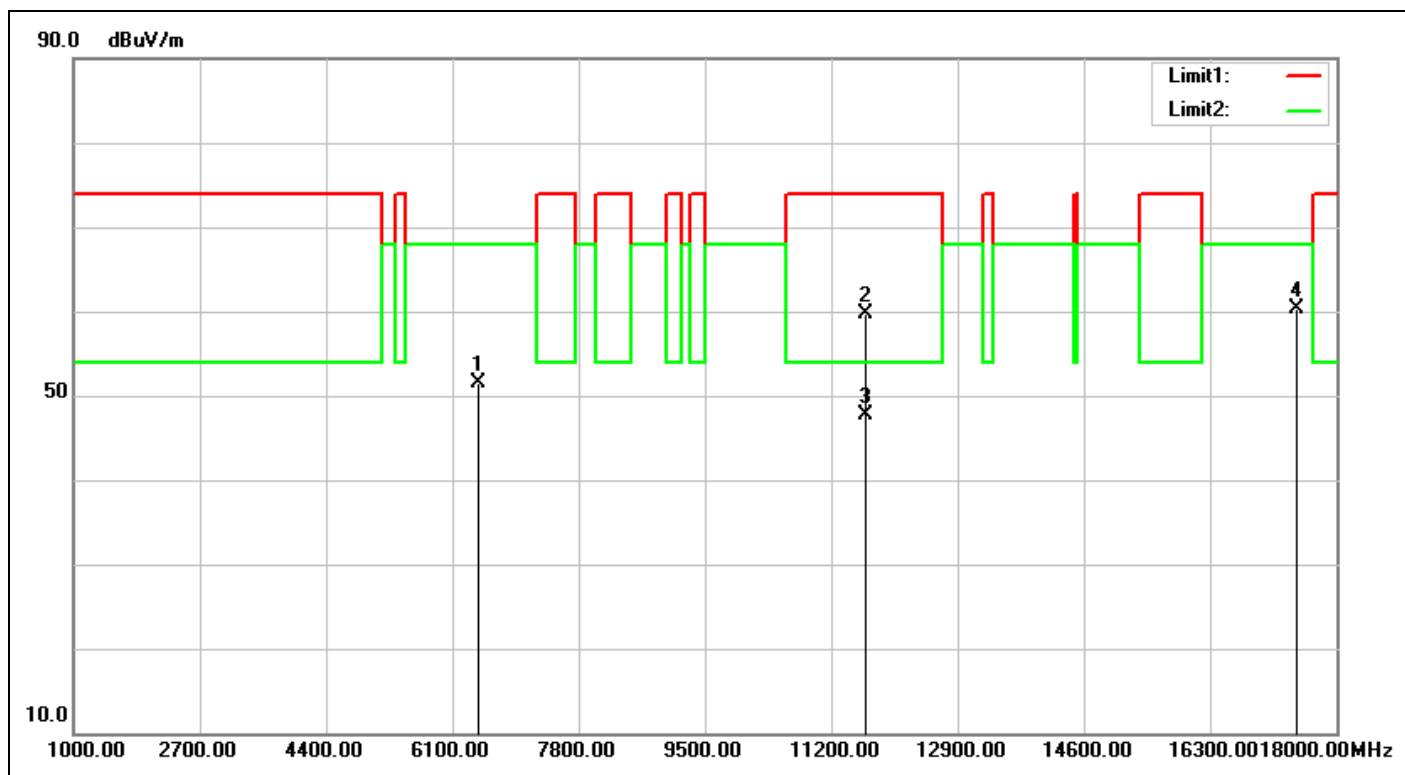
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:06:37
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5785-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	6389.000	5.94	45.48	51.42	68.00	-16.58	peak	100	66	
2	11570.000	6.08	52.91	58.99	74.00	-15.01	peak	100	110	
3	11570.000	6.08	40.92	47.00	54.00	-7.00	AVG	100	110	
4	17355.000	16.20	42.78	58.98	68.00	-9.02	peak			



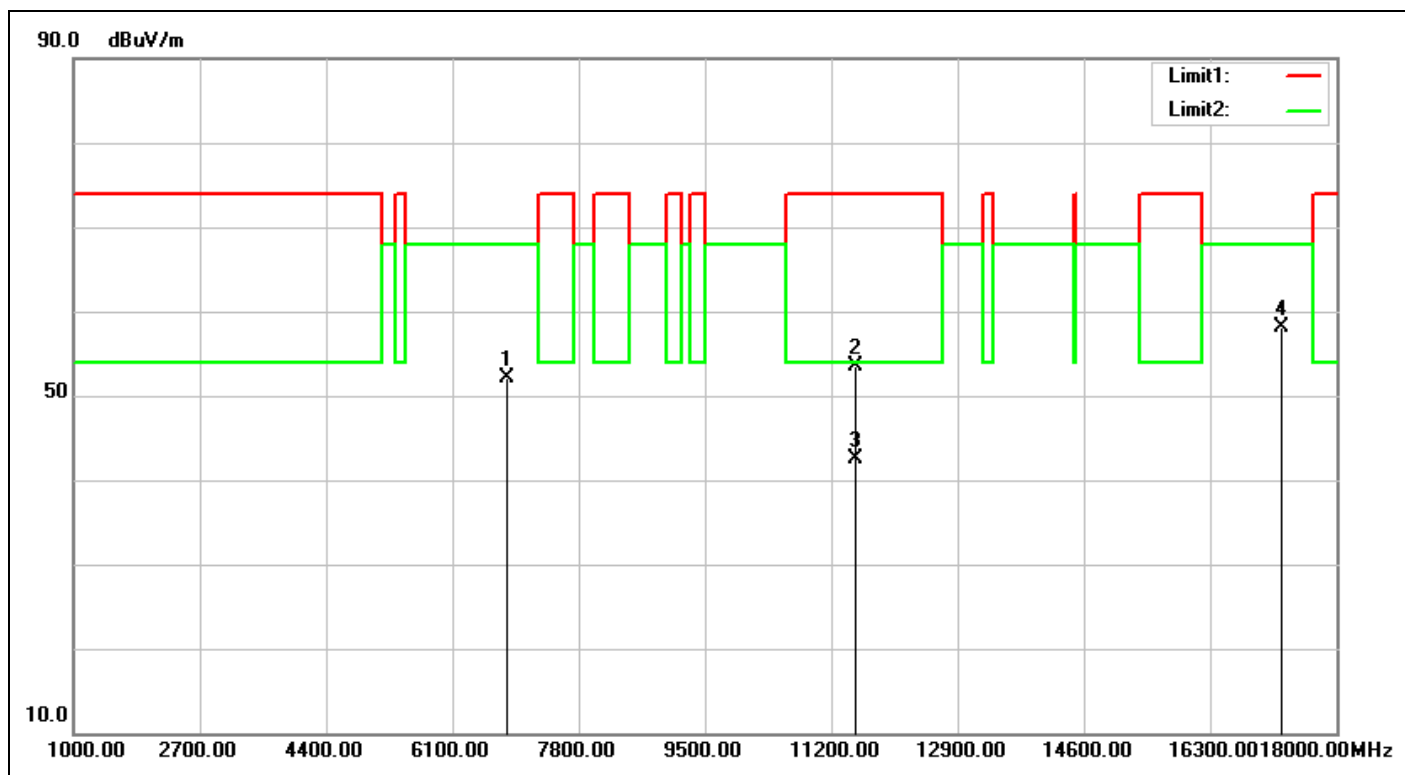
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:09:18
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5825-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	6695.000	6.09	46.03	52.12	68.00	-15.88	peak	100	119	
2	11650.000	6.38	48.27	54.65	74.00	-19.35	peak			
3	11650.000	6.38	37.12	43.50	54.00	-10.50	AVG			
4	17475.000	16.04	44.46	60.50	68.00	-7.50	peak			



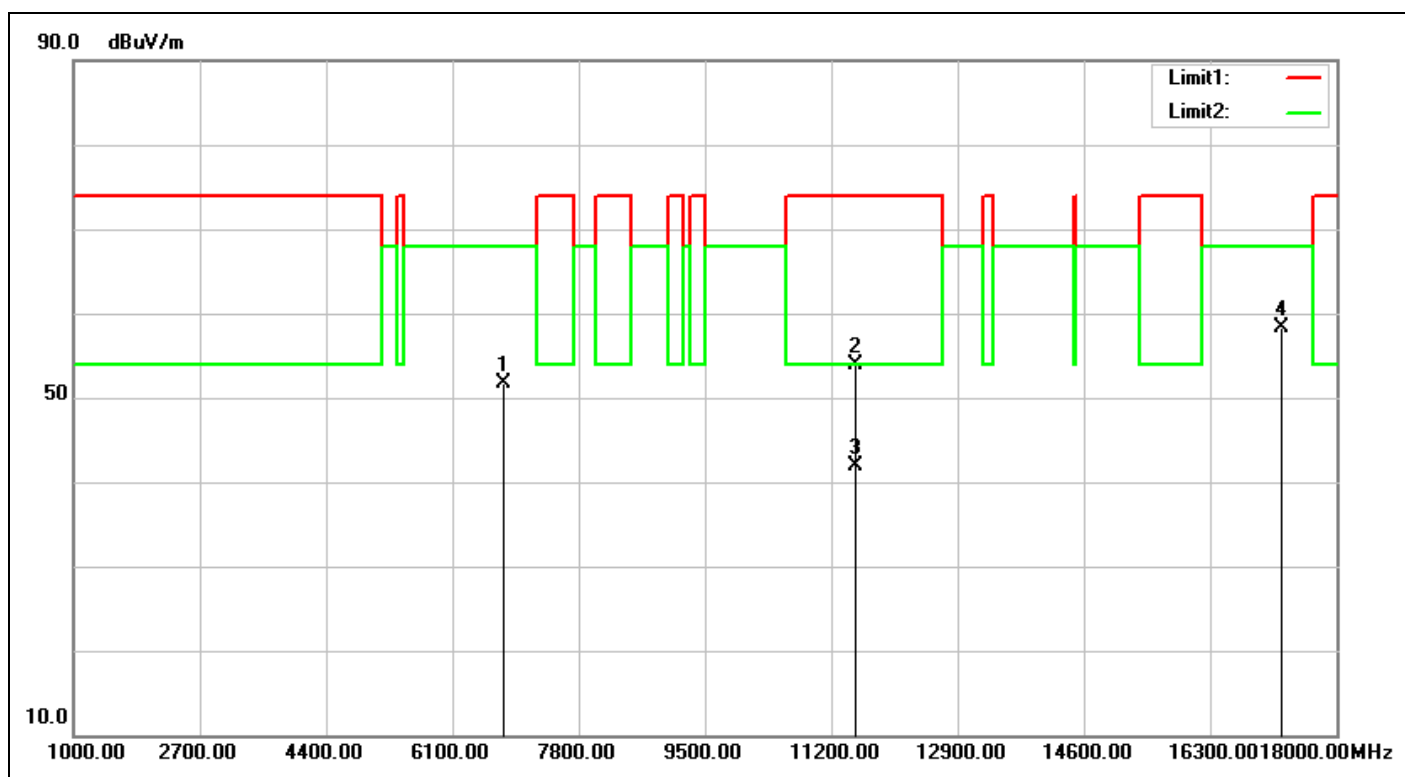
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:10:22
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5825-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	6440.000	6.11	45.46	51.57	68.00	-16.43	peak	100	227	
2	11650.000	6.38	53.30	59.68	74.00	-14.32	peak	100	138	
3	11650.000	6.38	41.42	47.80	54.00	-6.20	AVG	100	138	
4	17475.000	16.04	44.36	60.40	68.00	-7.60	peak			



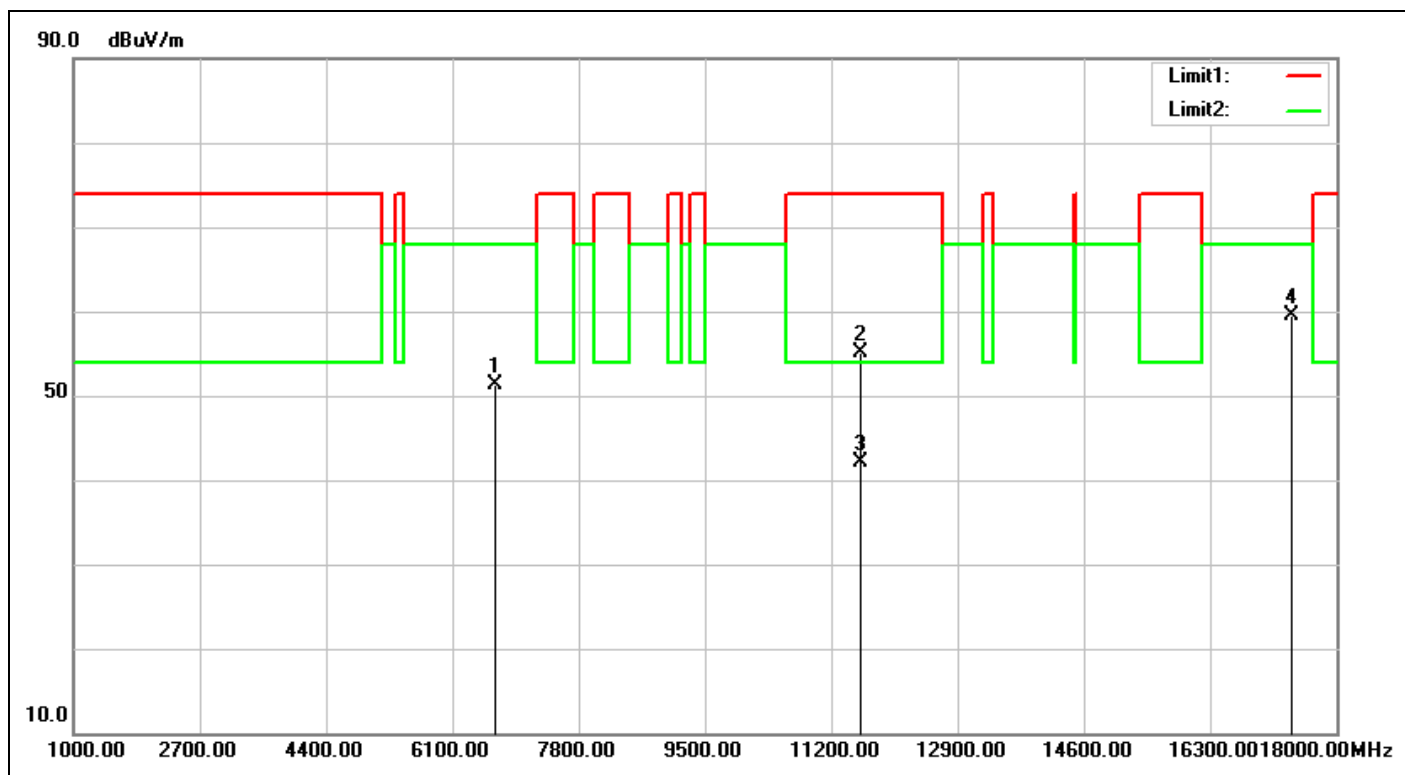
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:13:16
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A40-5755-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	6831.000	5.92	46.09	52.01	68.00	-15.99	peak	100	251	
2	11510.000	5.86	47.70	53.56	74.00	-20.44	peak			
3	11510.000	5.86	36.74	42.60	54.00	-11.40	AVG			
4	17265.000	16.32	41.74	58.06	68.00	-9.94	peak			



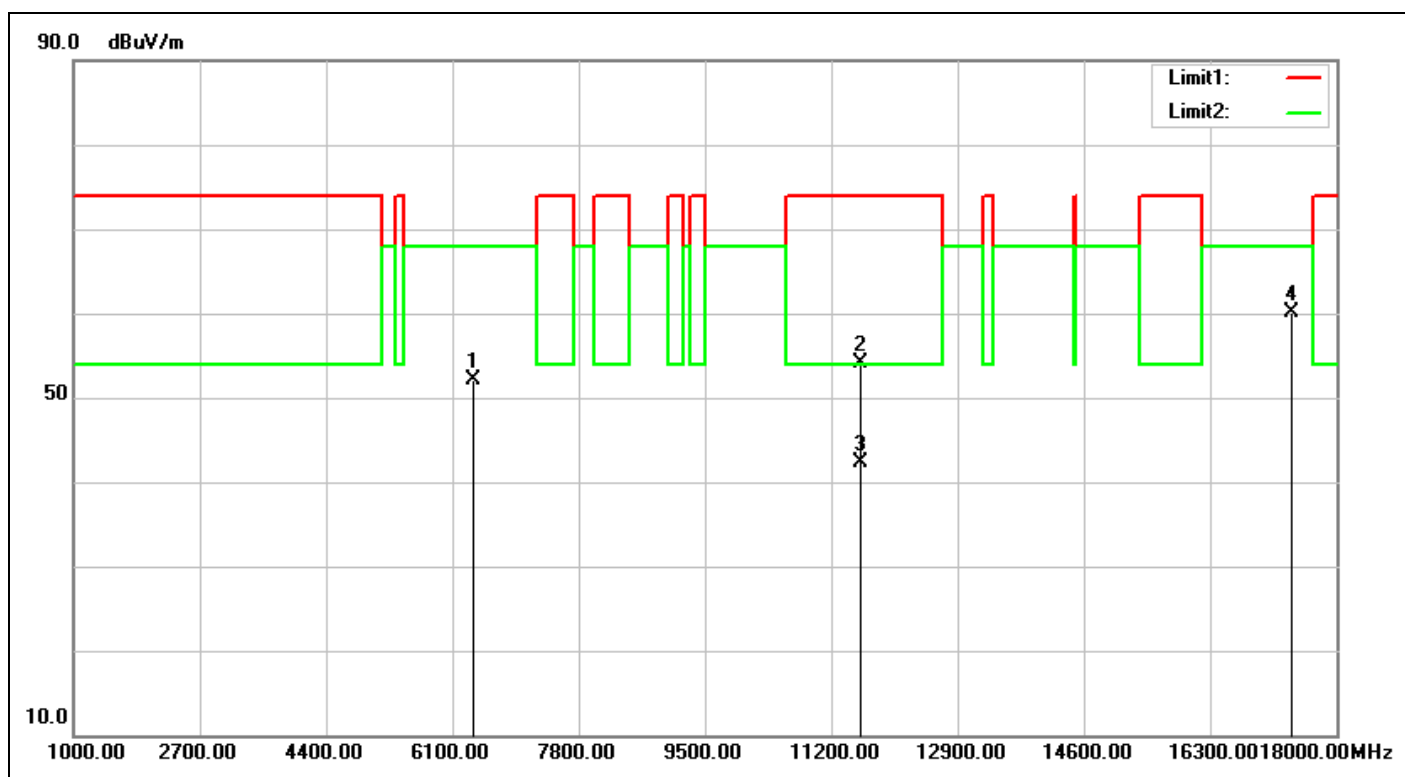
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:14:19
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A40-5755-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	6780.000	5.99	45.78	51.77	68.00	-16.23	peak	100	20	
2	11510.000	5.86	48.04	53.90	74.00	-20.10	peak			
3	11510.000	5.86	36.14	42.00	54.00	-12.00	AVG			
4	17265.000	16.32	42.06	58.38	68.00	-9.62	peak			



Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:16:45
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A40-5795-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	6678.000	6.11	45.26	51.37	68.00	-16.63	peak	100	0	
2	11590.000	6.16	48.85	55.01	74.00	-18.99	peak			
3	11590.000	6.16	35.94	42.10	54.00	-11.90	AVG			
4	17385.000	16.16	43.27	59.43	68.00	-8.57	peak			



Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:17:49
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A40-5795-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	6389.000	5.94	46.23	52.17	68.00	-15.83	peak	100	12	
2	11590.000	6.16	47.95	54.11	74.00	-19.89	peak			
3	11590.000	6.16	36.14	42.30	54.00	-11.70	AVG			
4	17385.000	16.16	44.02	60.18	68.00	-7.82	peak			

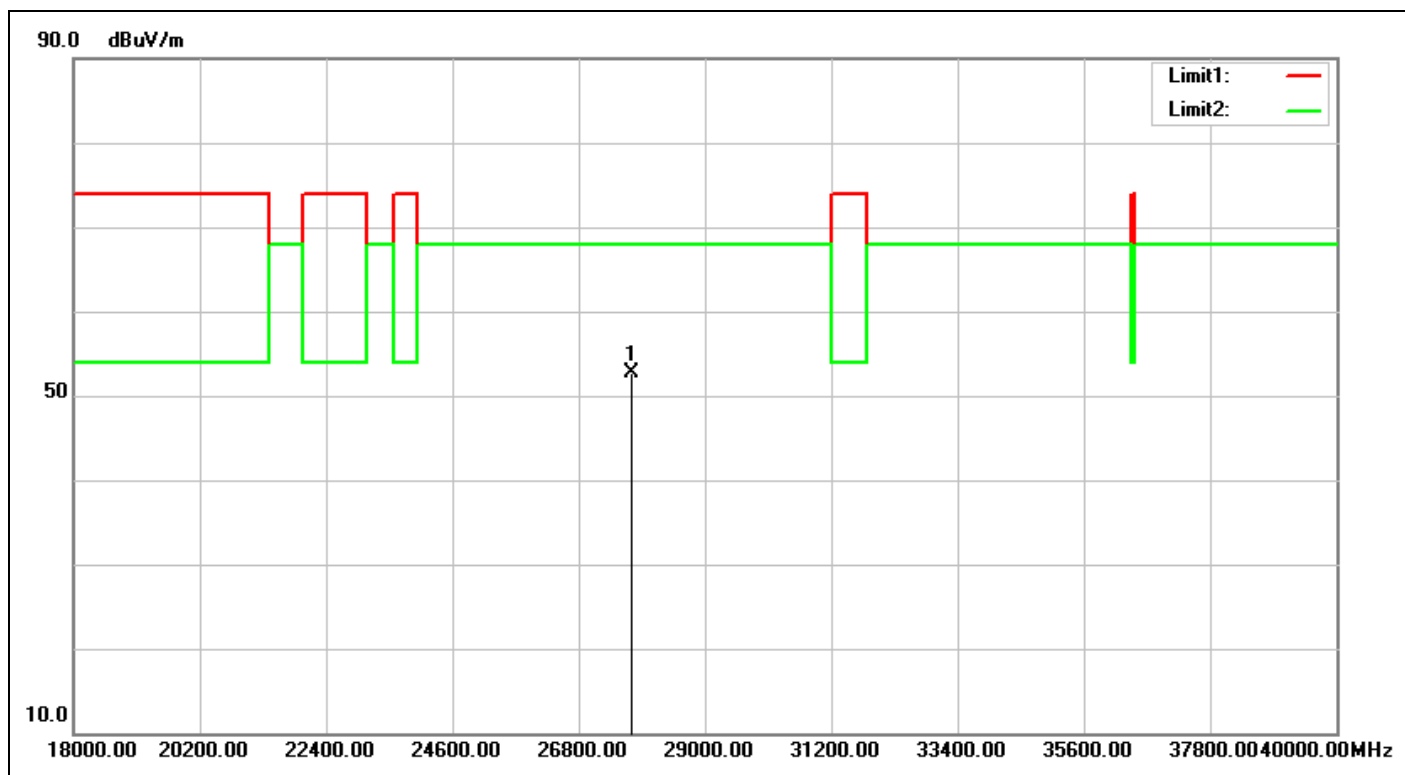
Spurious Emissions, TX Mode, 18-40G , 5150-5250MHz



TUV Taiwan

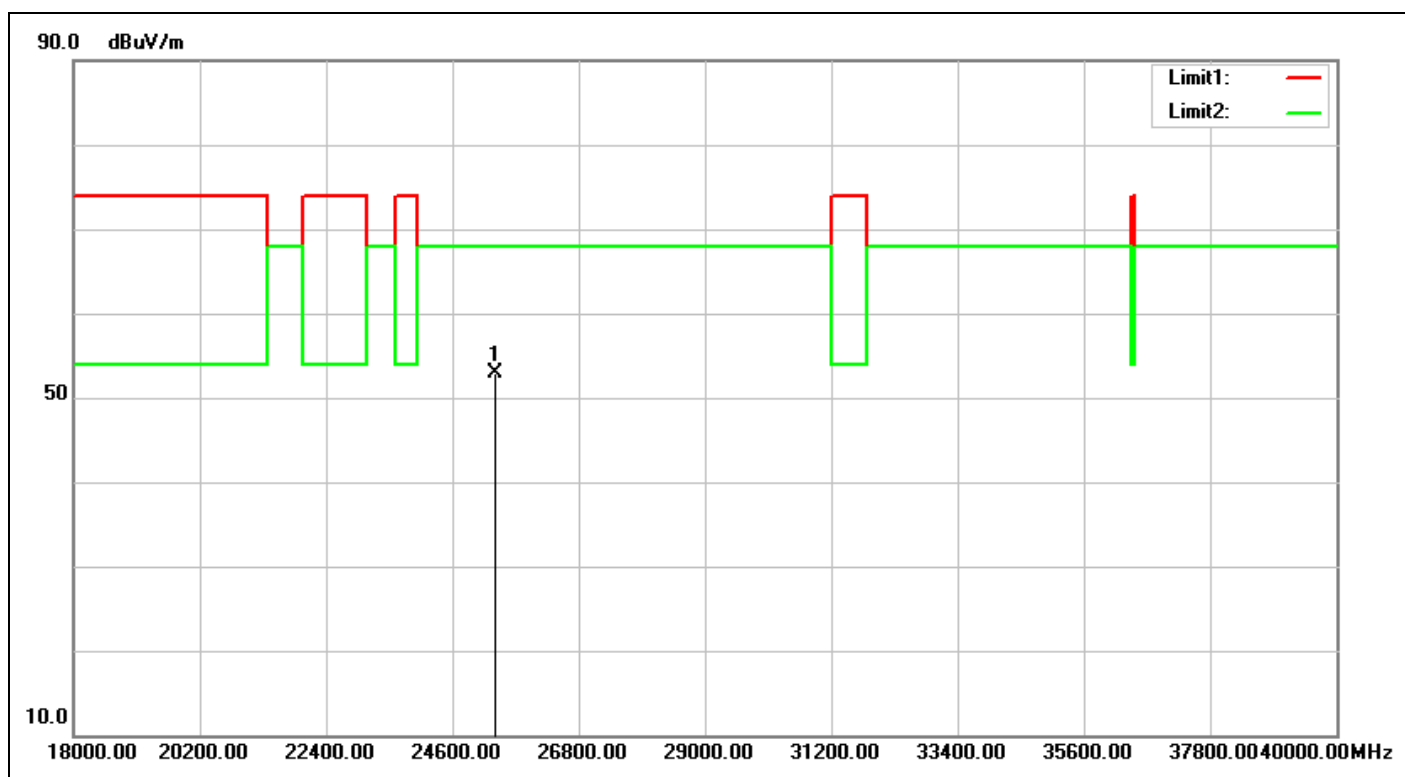
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



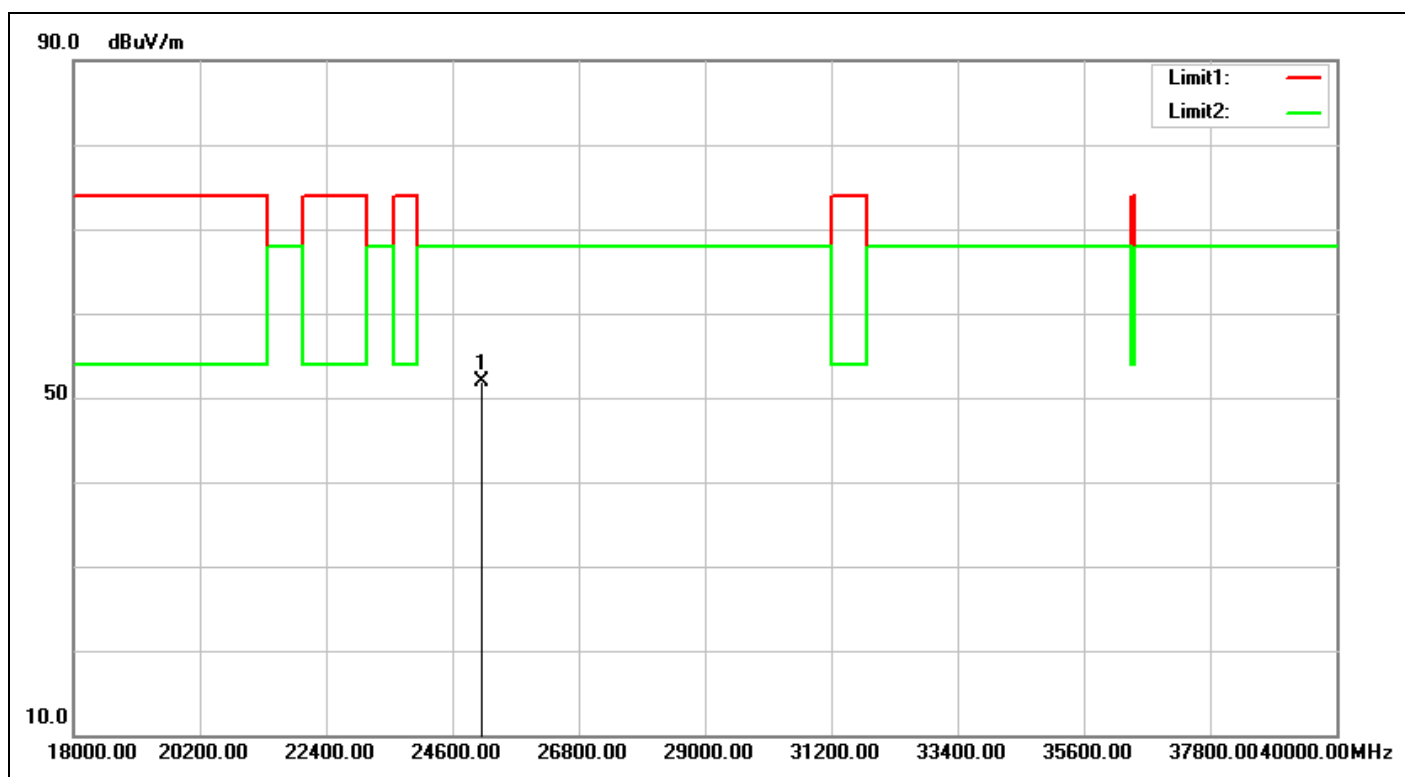
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:25:11
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5180-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	27724.000	35.16	17.64	52.80	68.00	-15.20	peak	100	360	



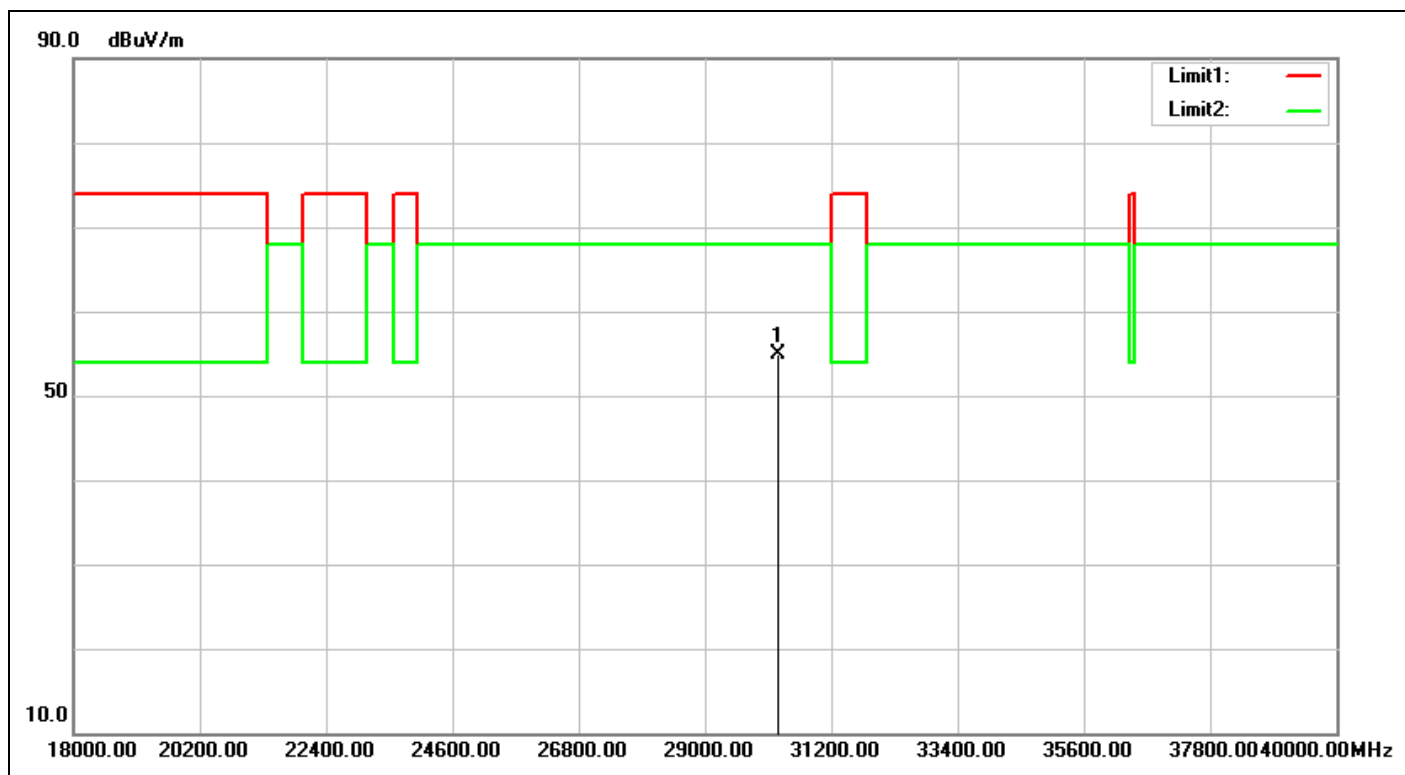
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:25:19
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5180-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25348.000	34.81	18.18	52.99	68.00	-15.01	peak	100	2	



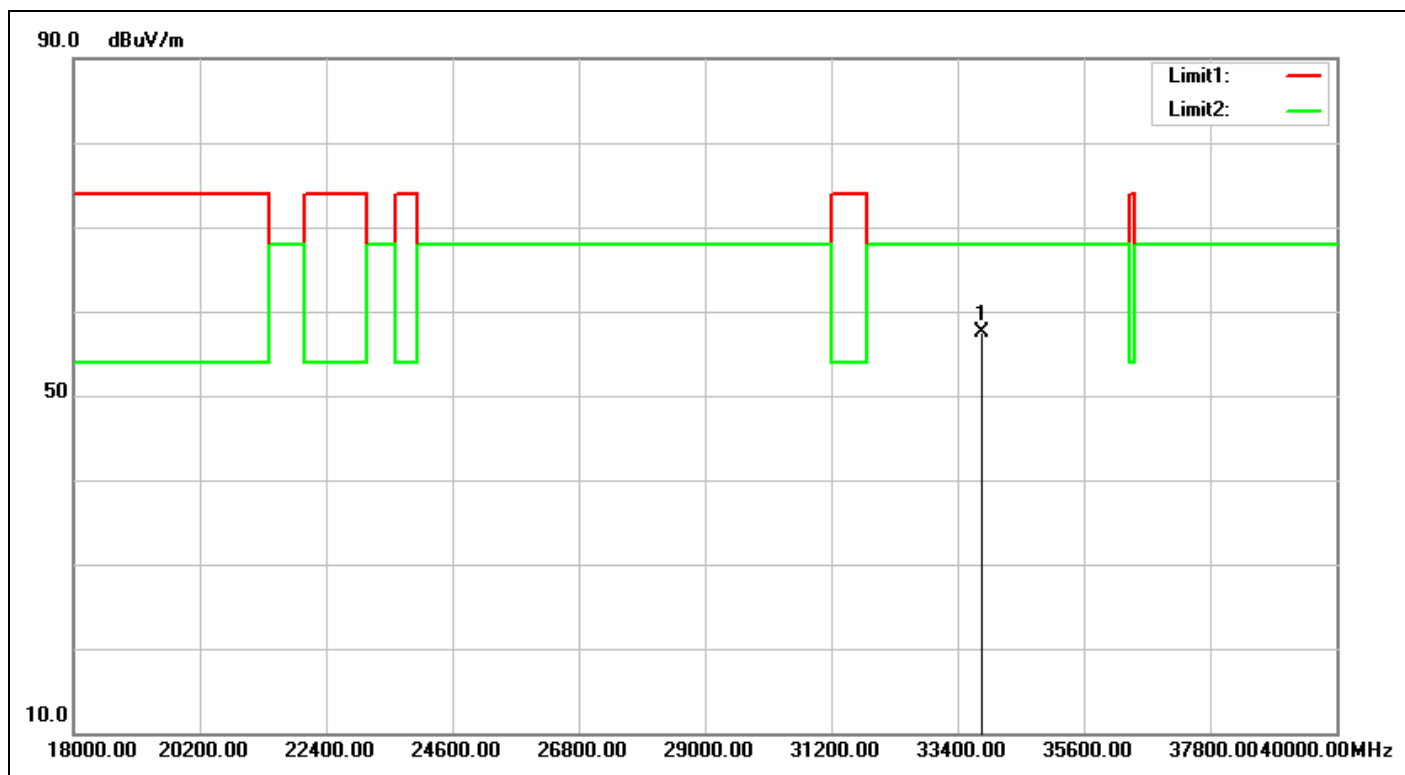
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:25:33
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25106.000	34.26	17.62	51.88	68.00	-16.12	peak			



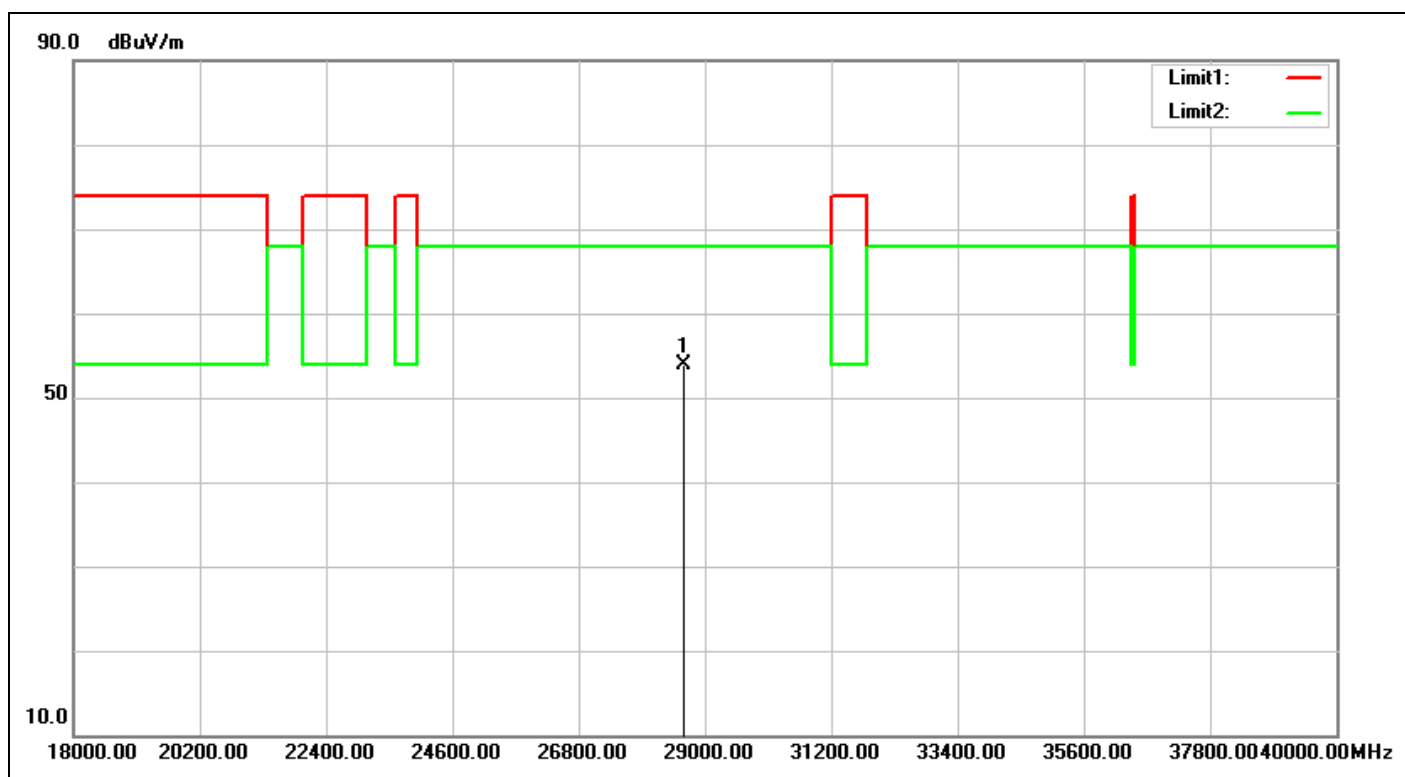
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:25:47
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30276.000	36.92	17.96	54.88	68.00	-13.12	peak			



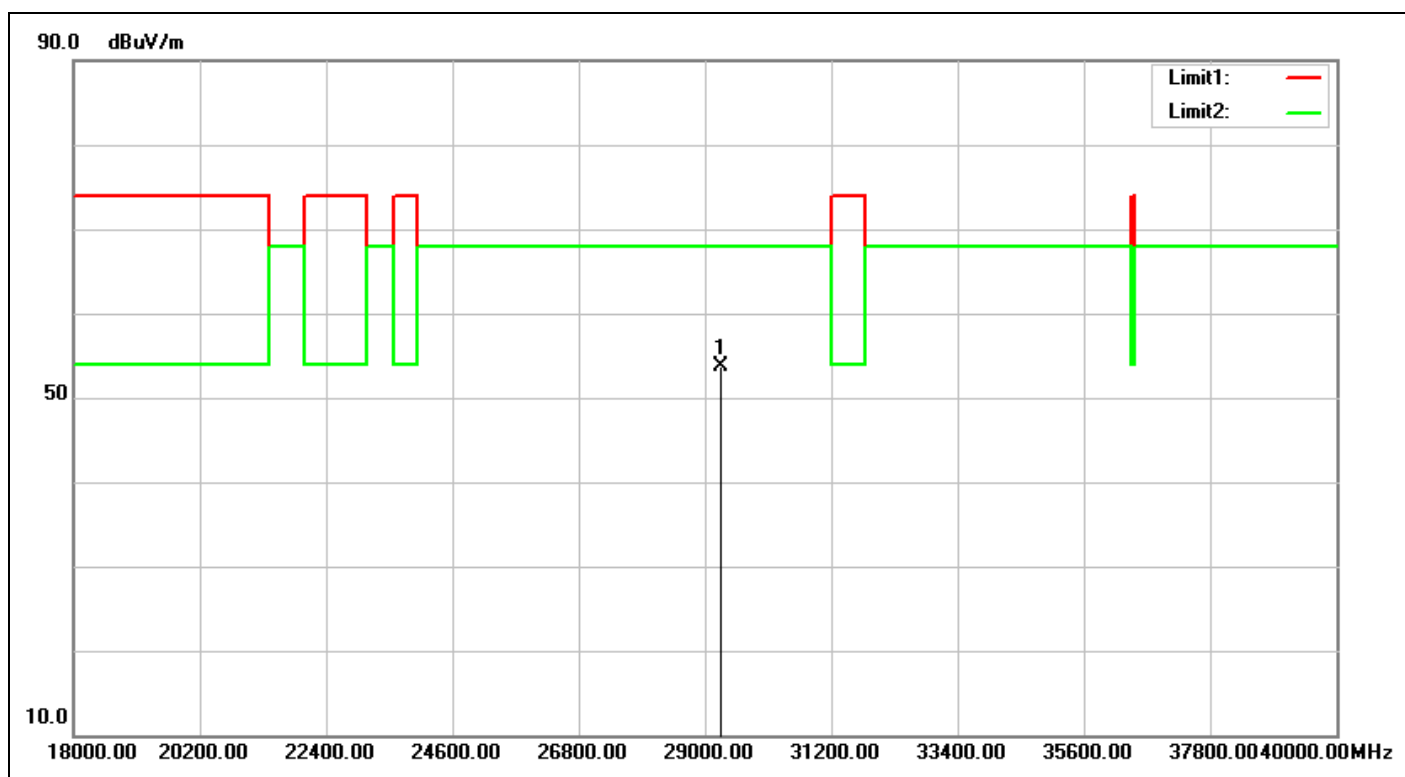
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:25:59
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5220-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	33818.000	38.32	19.11	57.43	68.00	-10.57	peak			



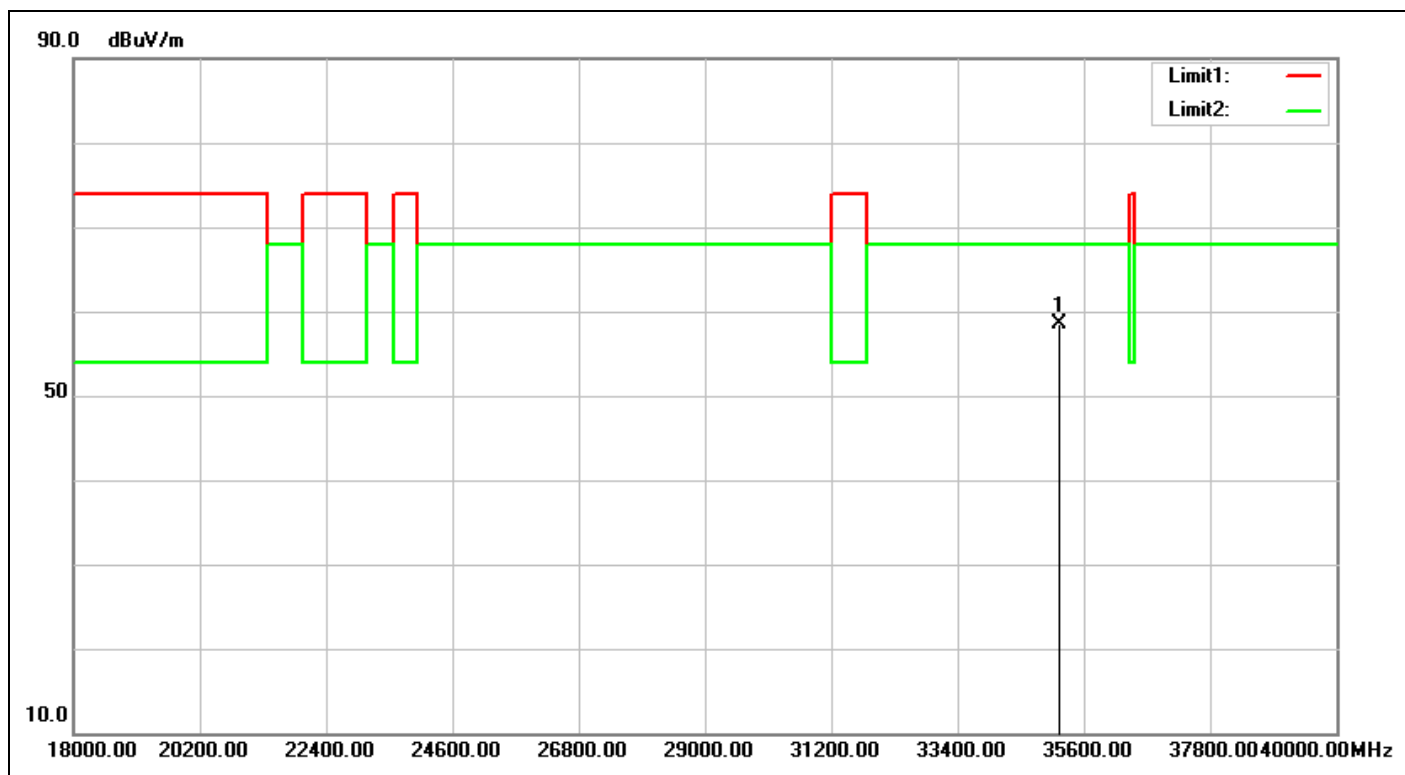
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:26:09
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5220-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	28626.000	35.72	18.11	53.83	68.00	-14.17	peak			



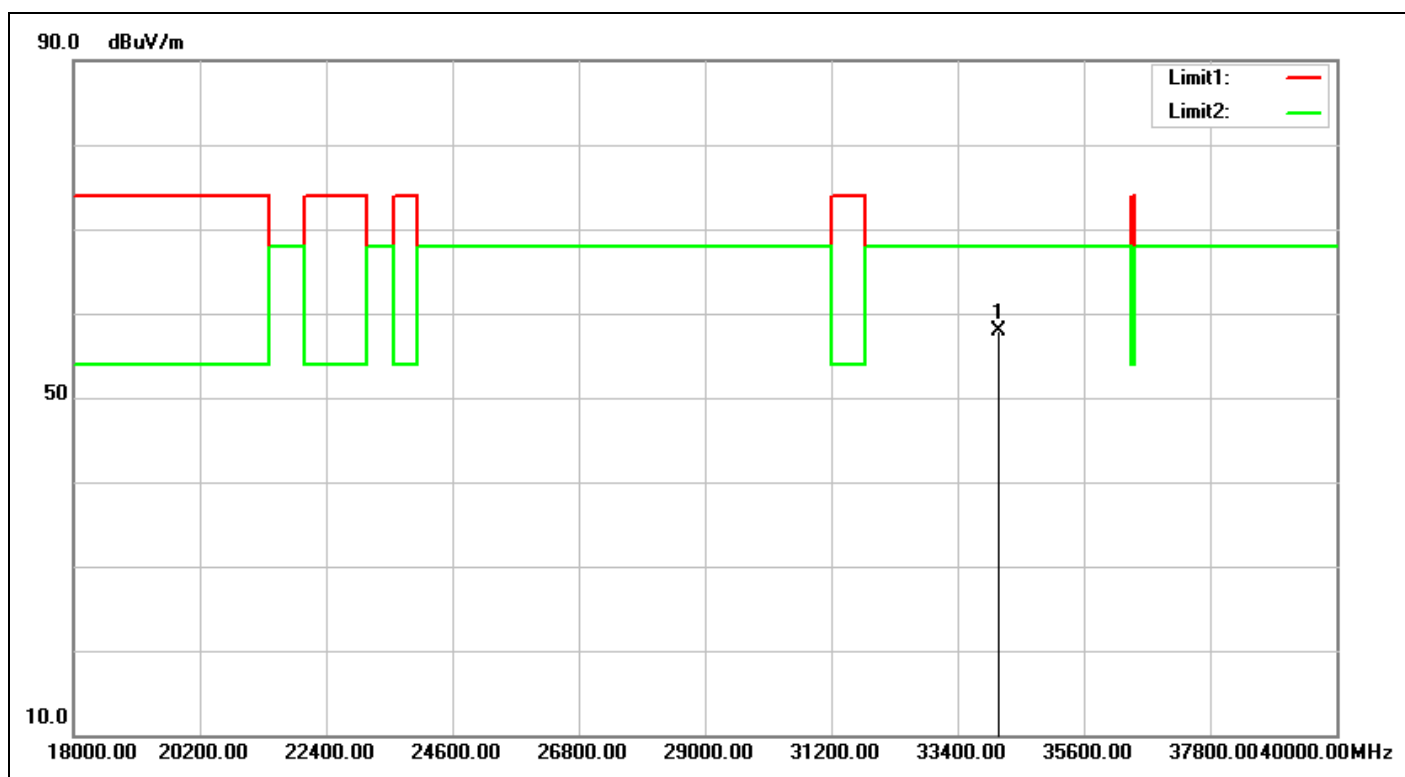
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:26:23
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5180-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	29286.000	36.15	17.64	53.79	68.00	-14.21	peak			



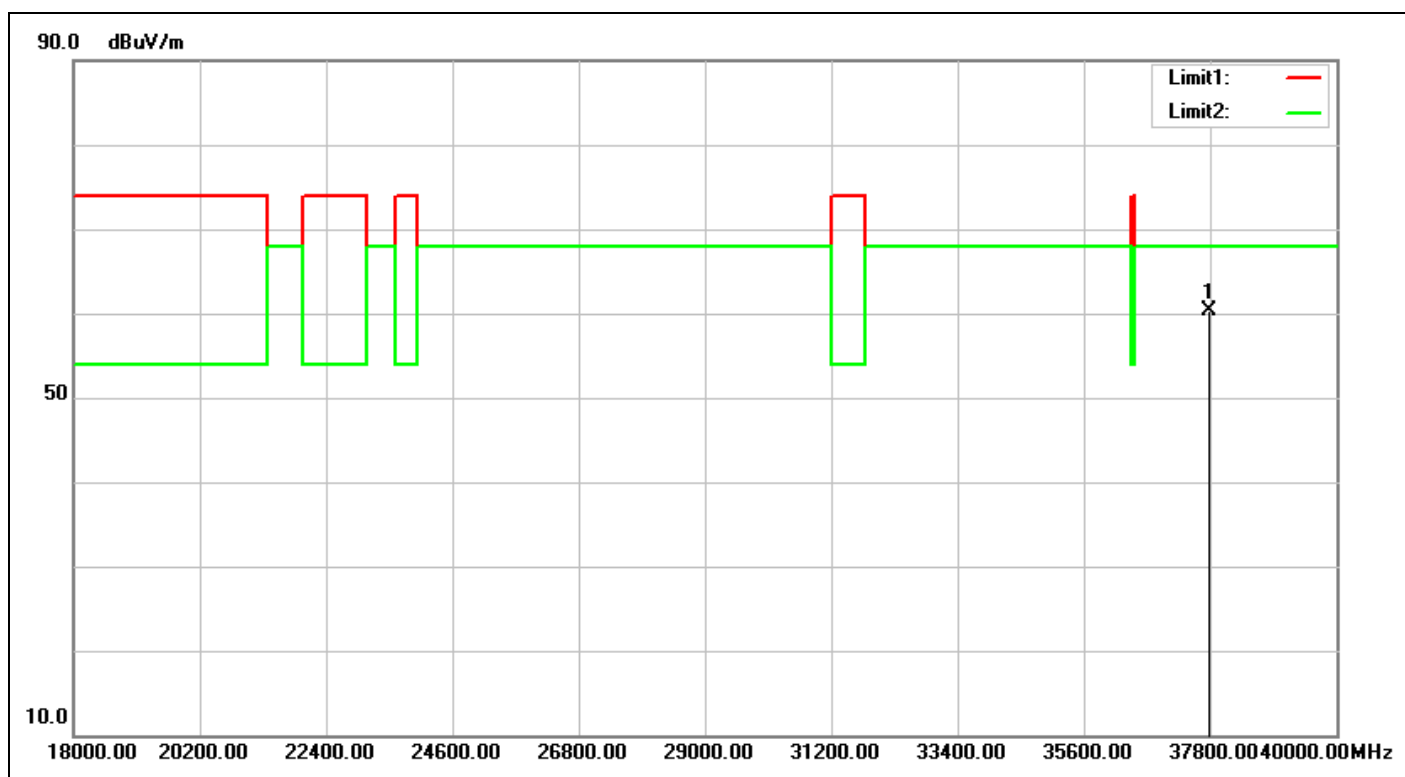
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:26:32
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5180-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	35160.000	38.81	19.69	58.50	68.00	-9.50	peak			



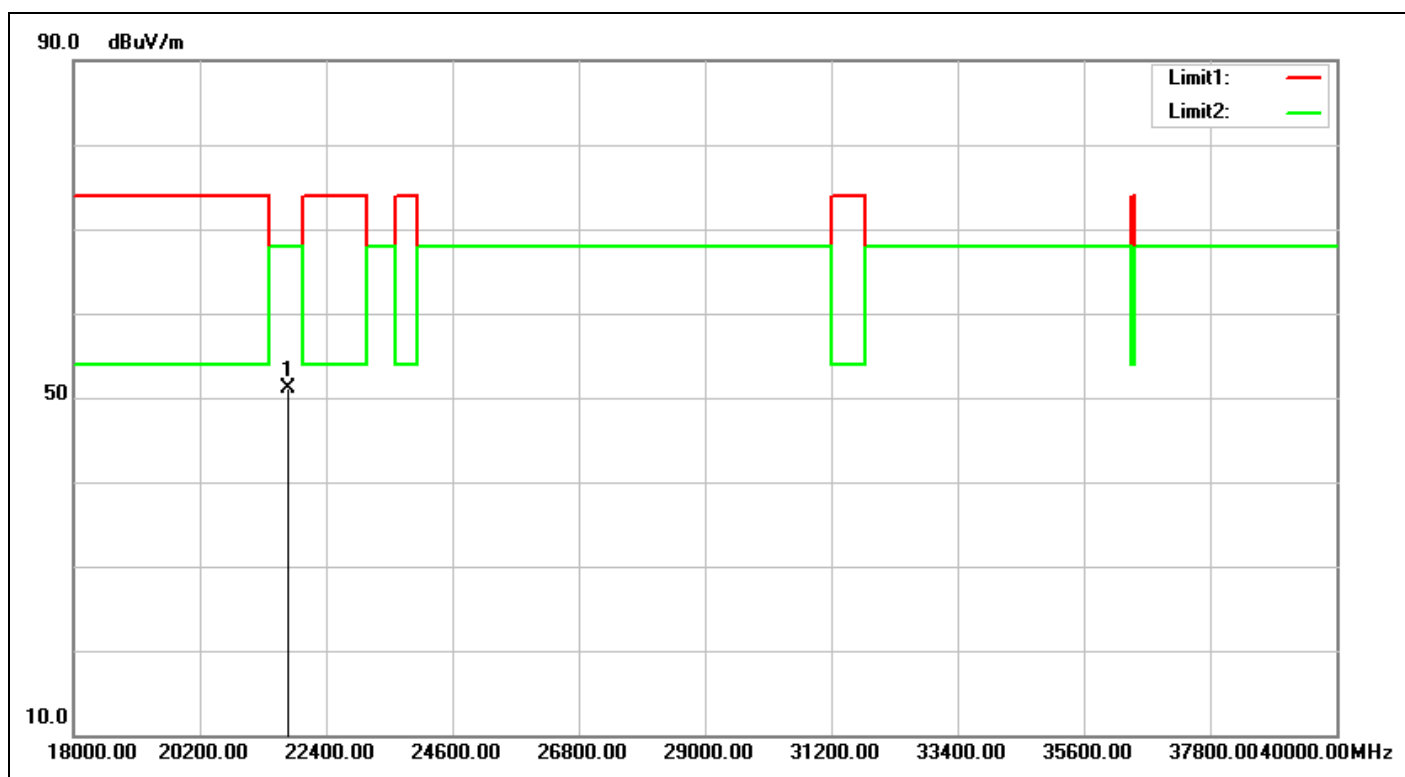
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:26:45
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	34104.000	38.44	19.43	57.87	68.00	-10.13	peak			



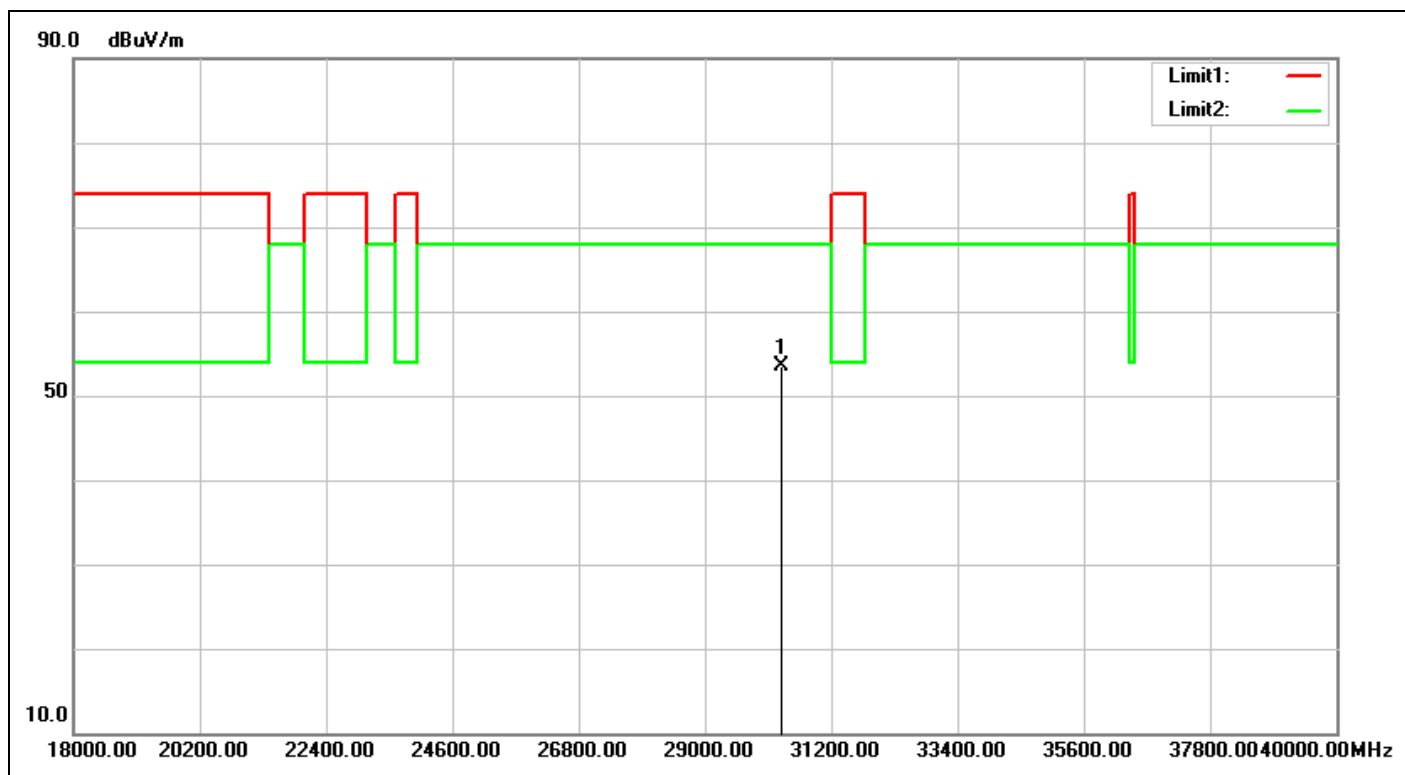
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:26:53
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	37778.000	38.53	21.83	60.36	68.00	-7.64	peak			



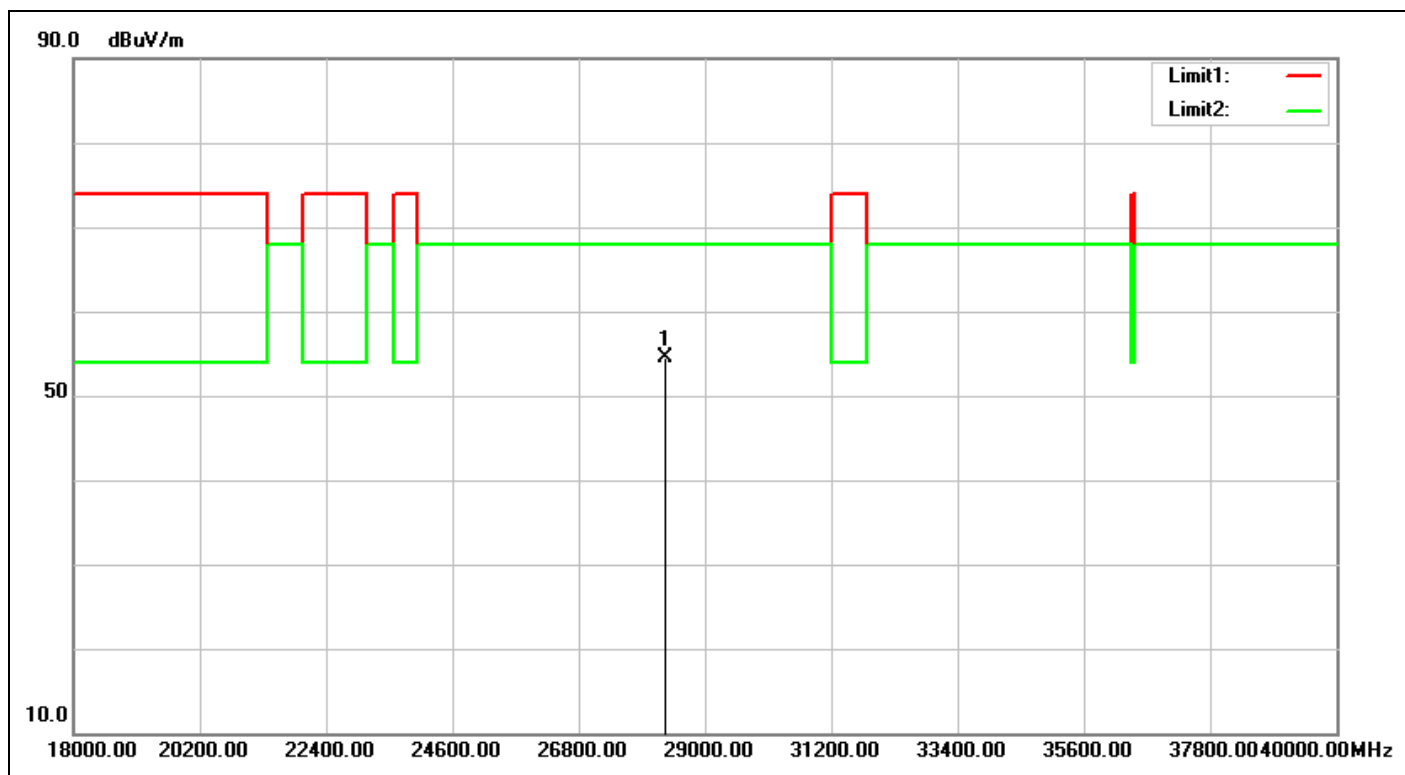
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:27:04
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%)	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5220-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21740.000	32.87	18.22	51.09	68.00	-16.91	peak			



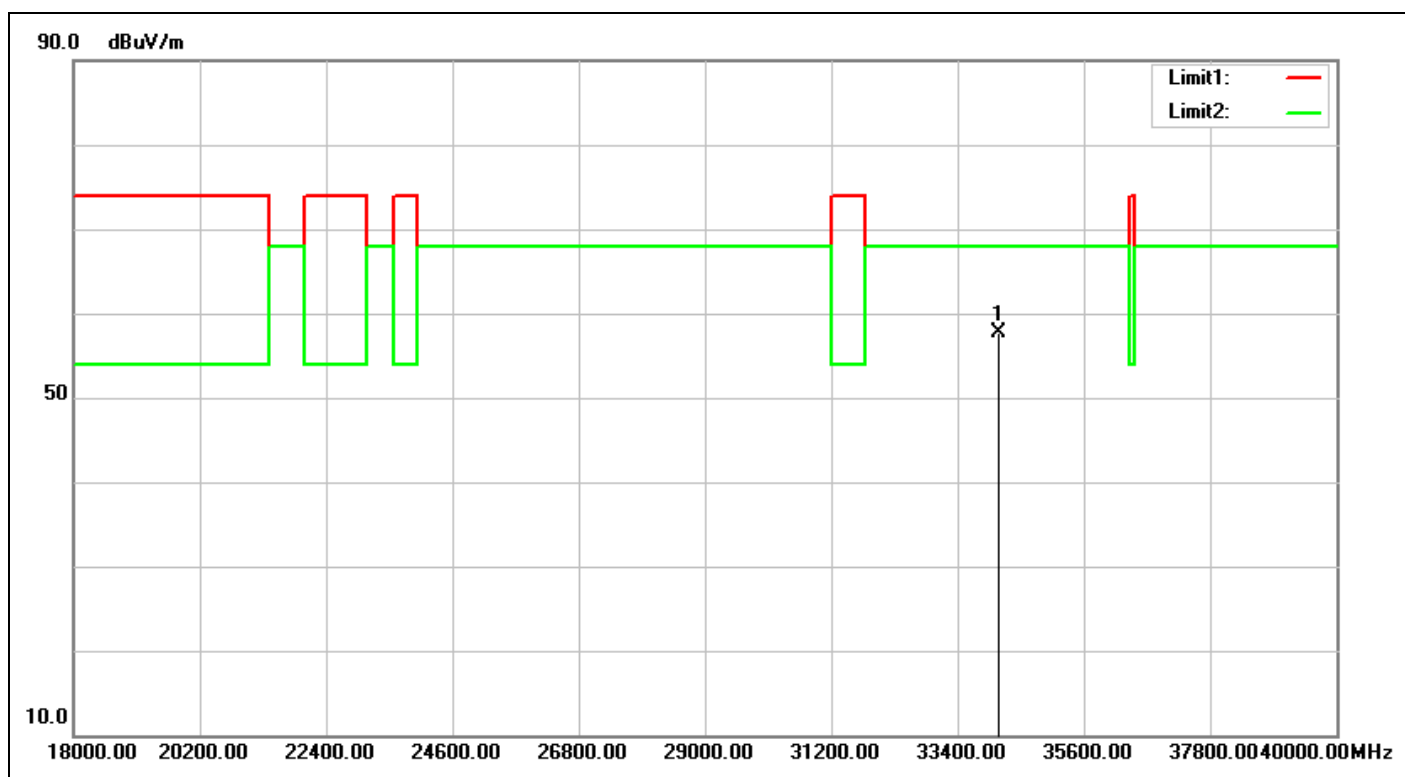
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:27:14
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5220-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30320.000	36.96	16.59	53.55	68.00	-14.45	peak			



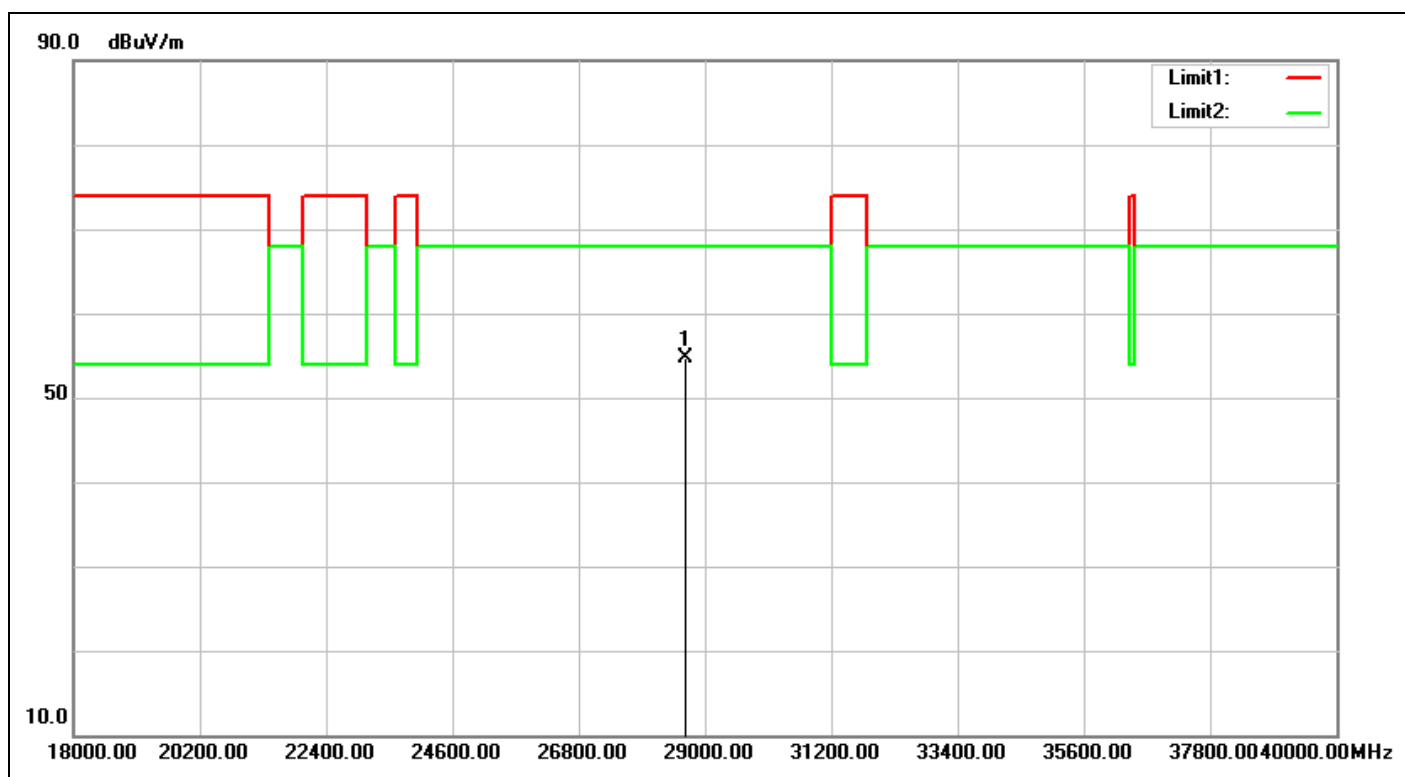
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:27:29
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A40-5190-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	28296.000	35.39	19.13	54.52	68.00	-13.48	peak			



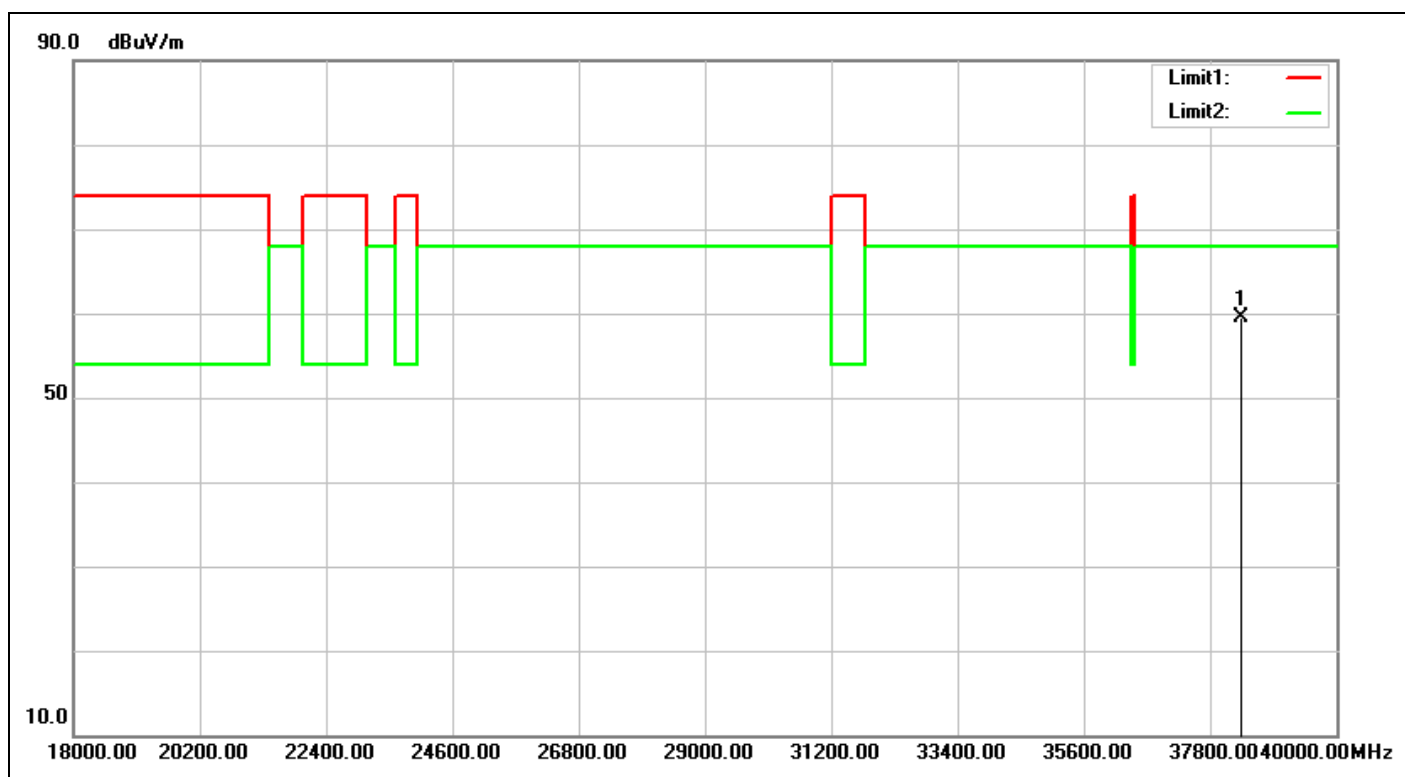
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:27:37
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A40-5190-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	34104.000	38.44	19.35	57.79	68.00	-10.21	peak			



Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:27:49
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%)	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A40-5230-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	28648.000	35.73	18.93	54.66	68.00	-13.34	peak			



Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:27:57
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A40-5230-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	38350.000	38.00	21.51	59.51	68.00	-8.49	peak			

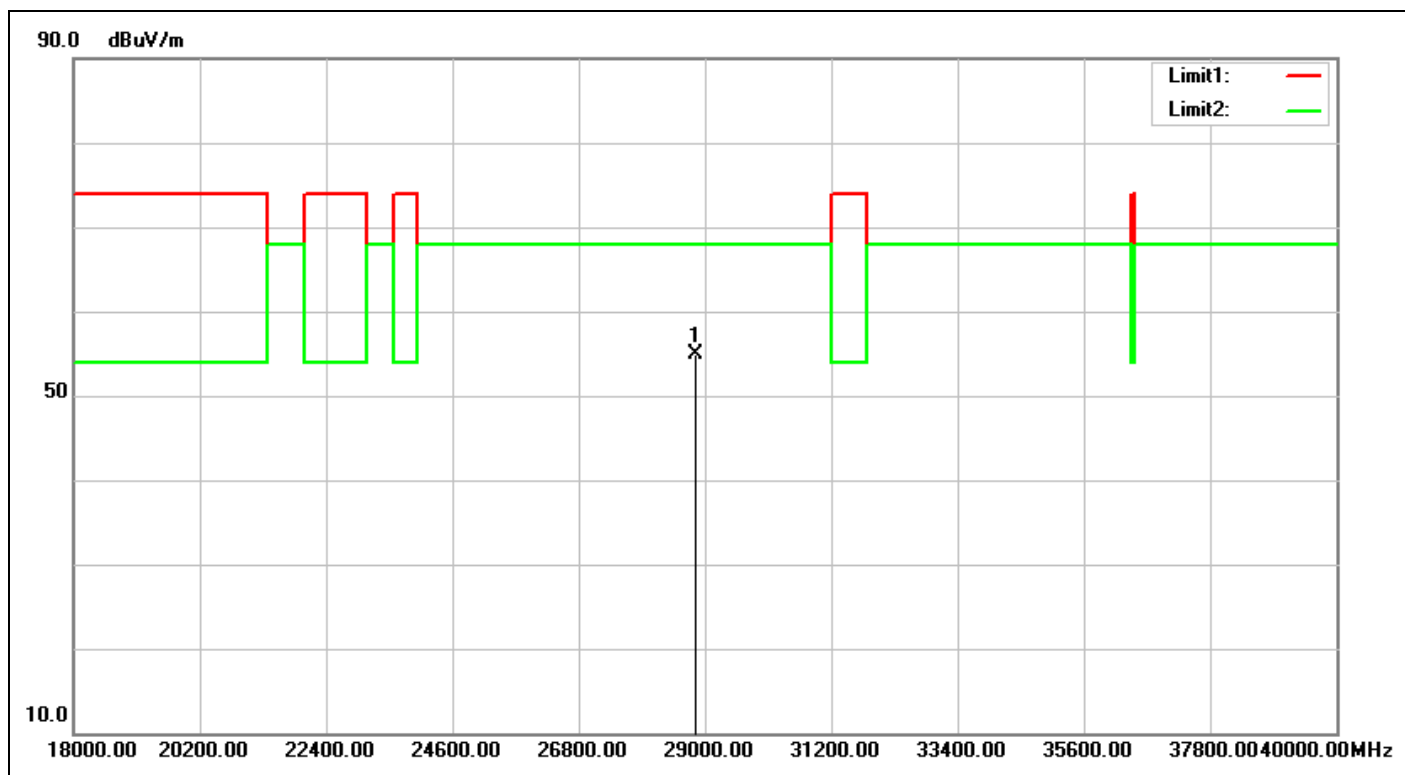
Spurious Emissions, TX Mode, 18-40G , 5725-5850MHz



TUV Taiwan

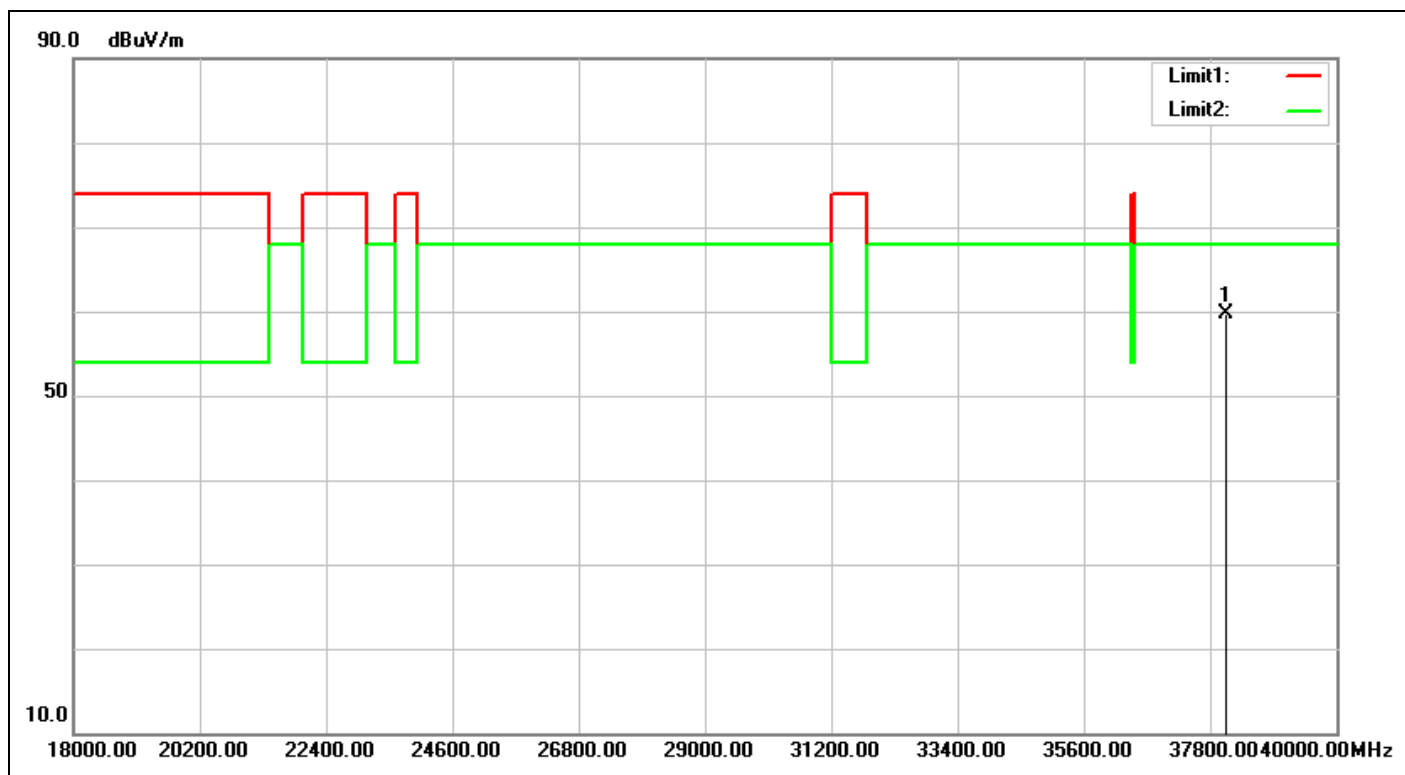
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



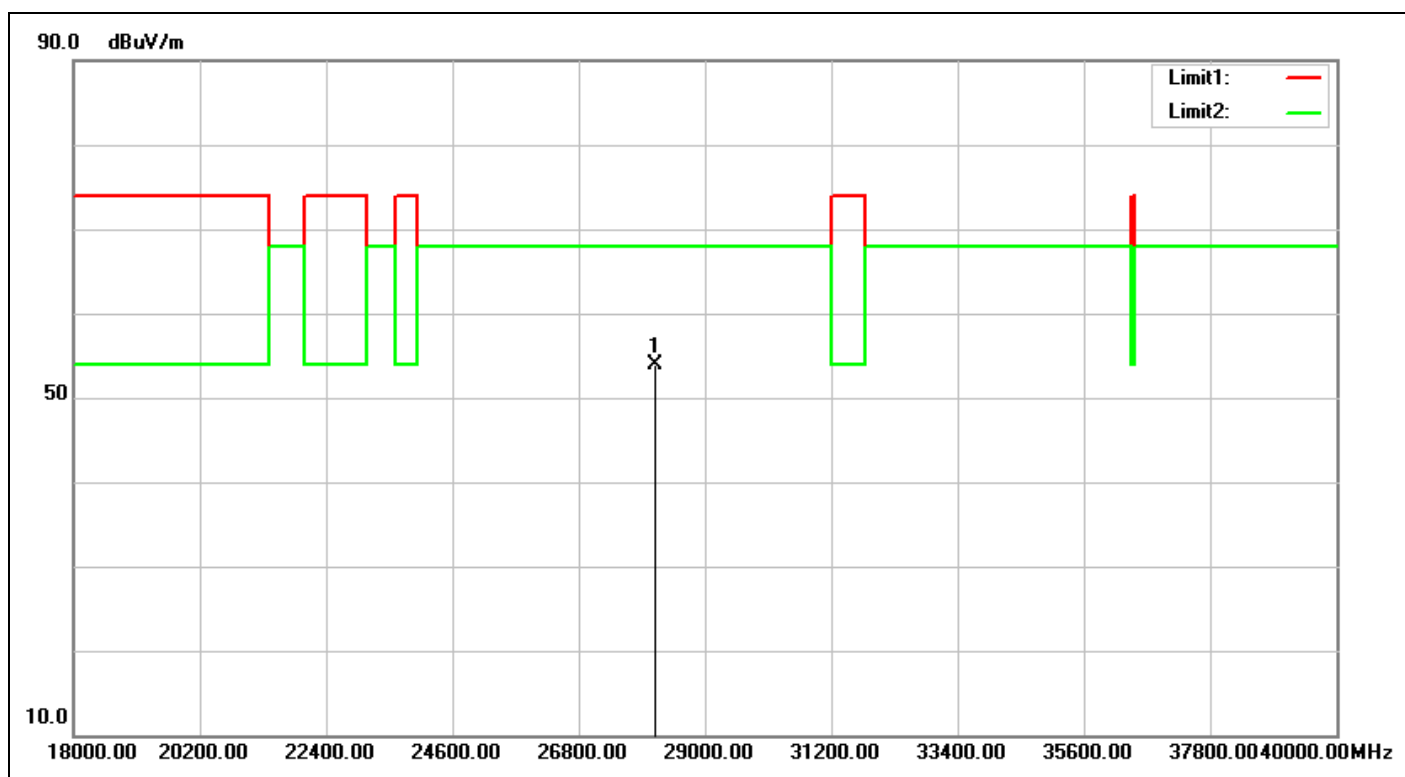
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:28:39
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5745-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	28824.000	35.89	19.11	55.00	68.00	-13.00	peak			



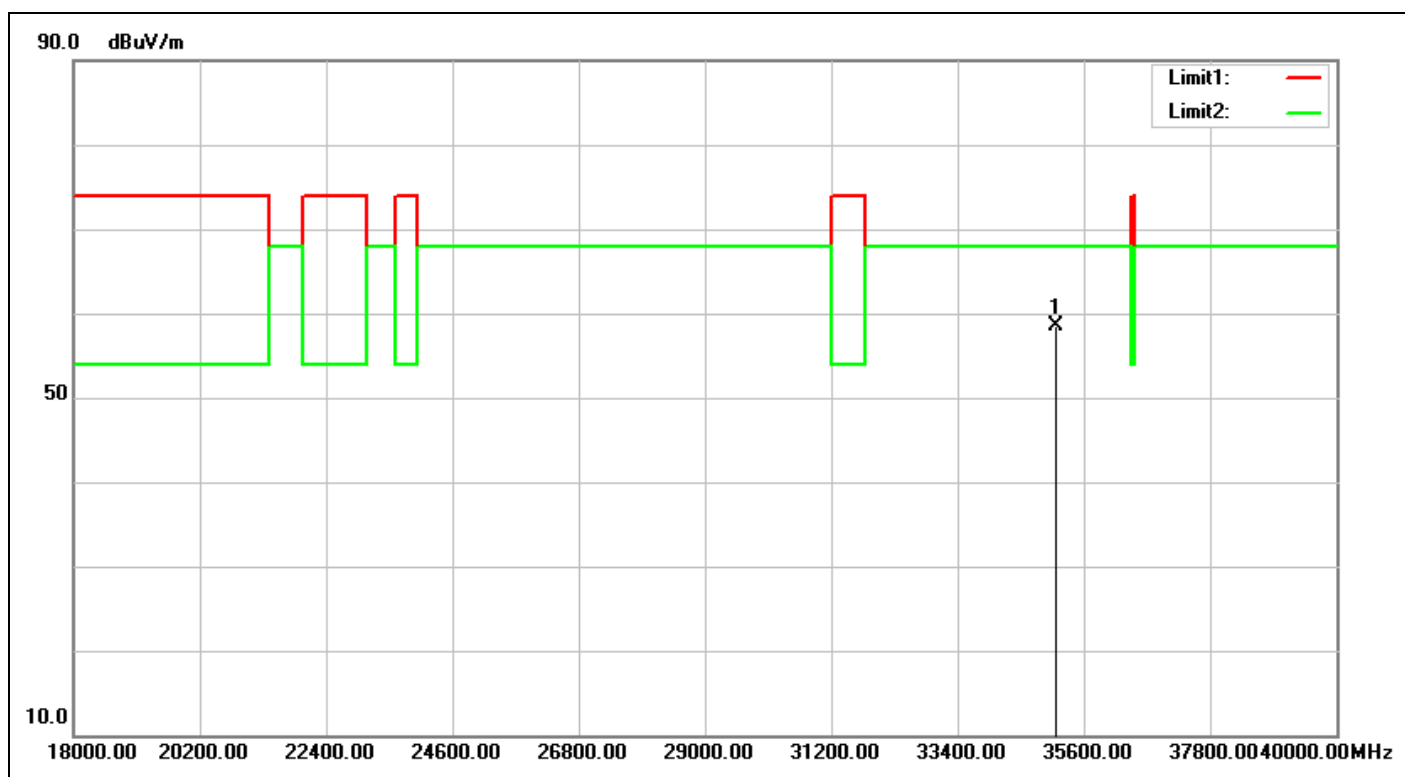
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:28:47
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5745-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	38064.000	38.22	21.47	59.69	68.00	-8.31	peak			



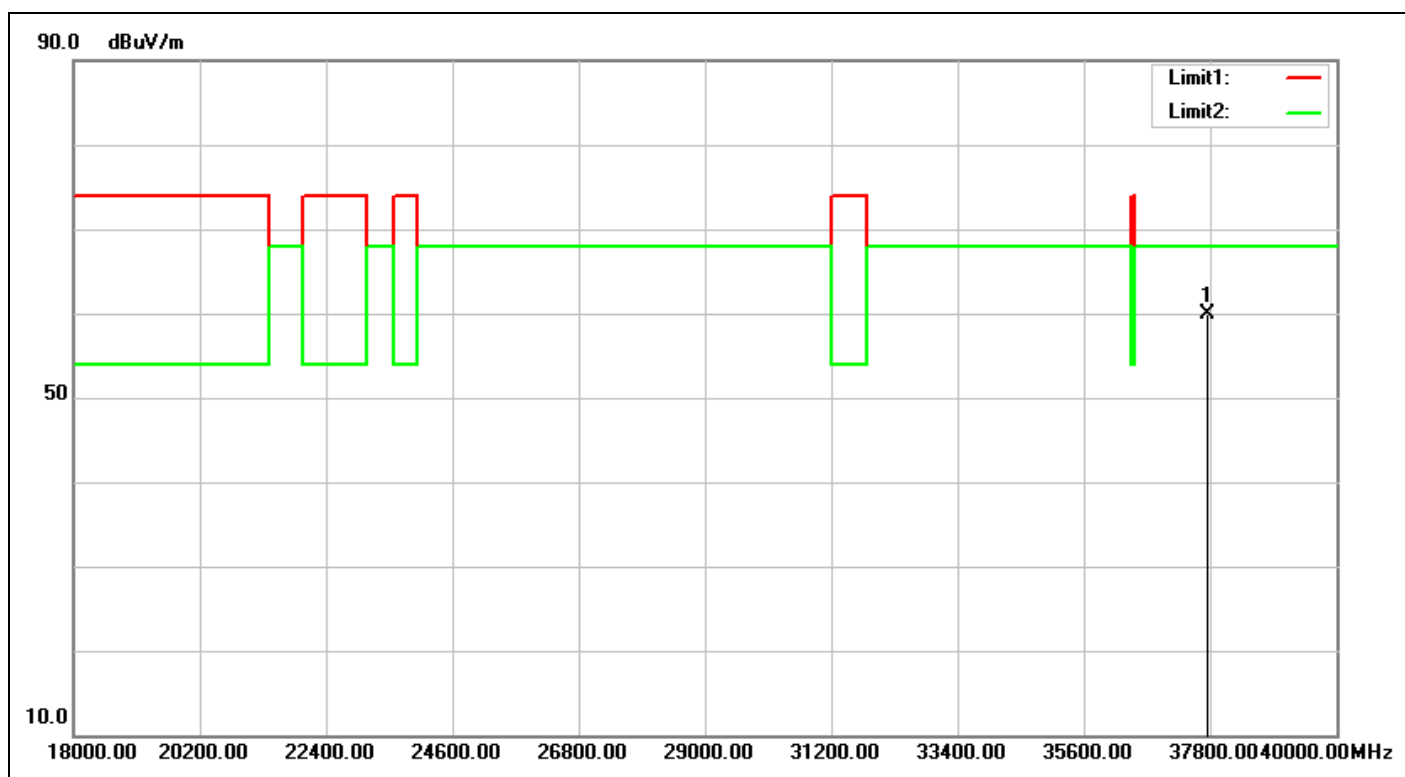
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:28:58
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5785-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	28142.000	35.23	18.60	53.83	68.00	-14.17	peak			



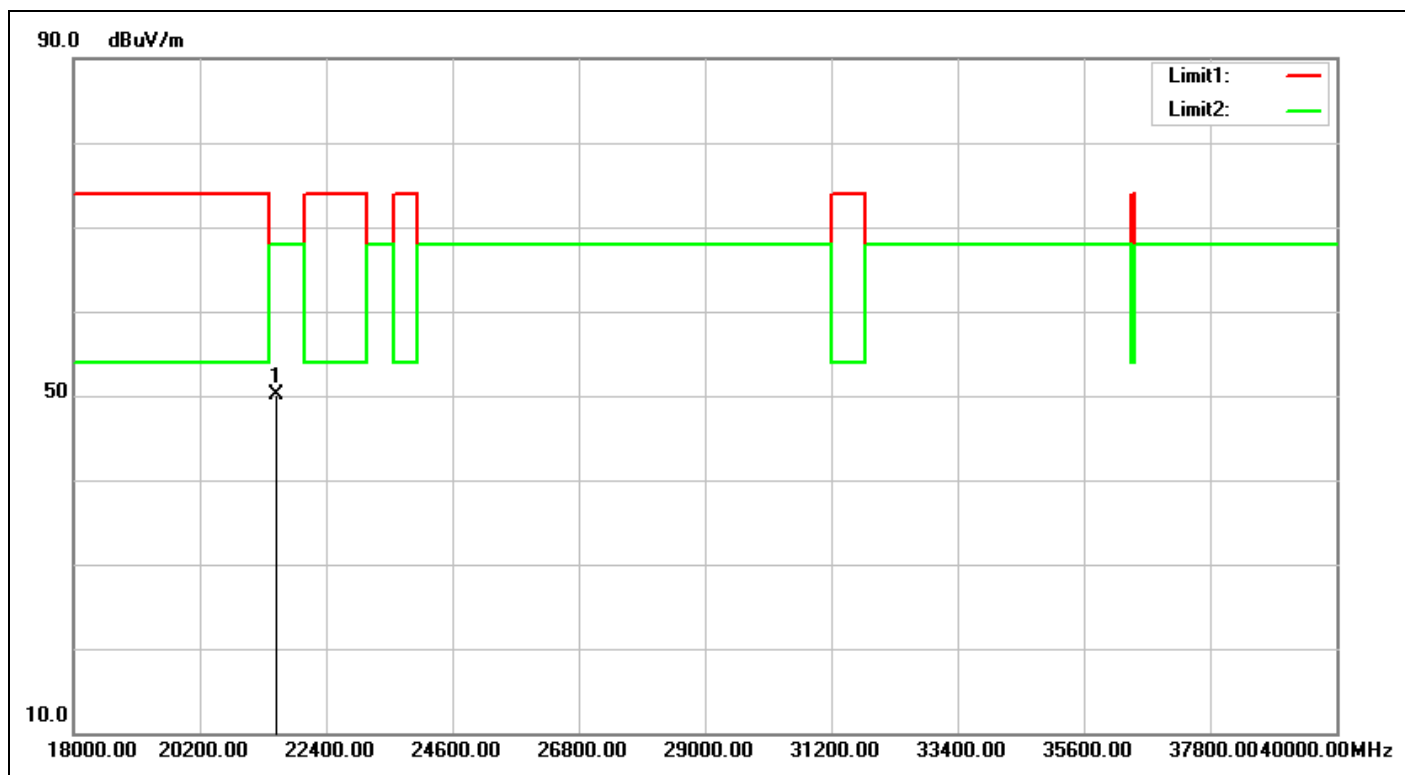
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:29:06
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5785-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	35116.000	38.87	19.59	58.46	68.00	-9.54	peak			



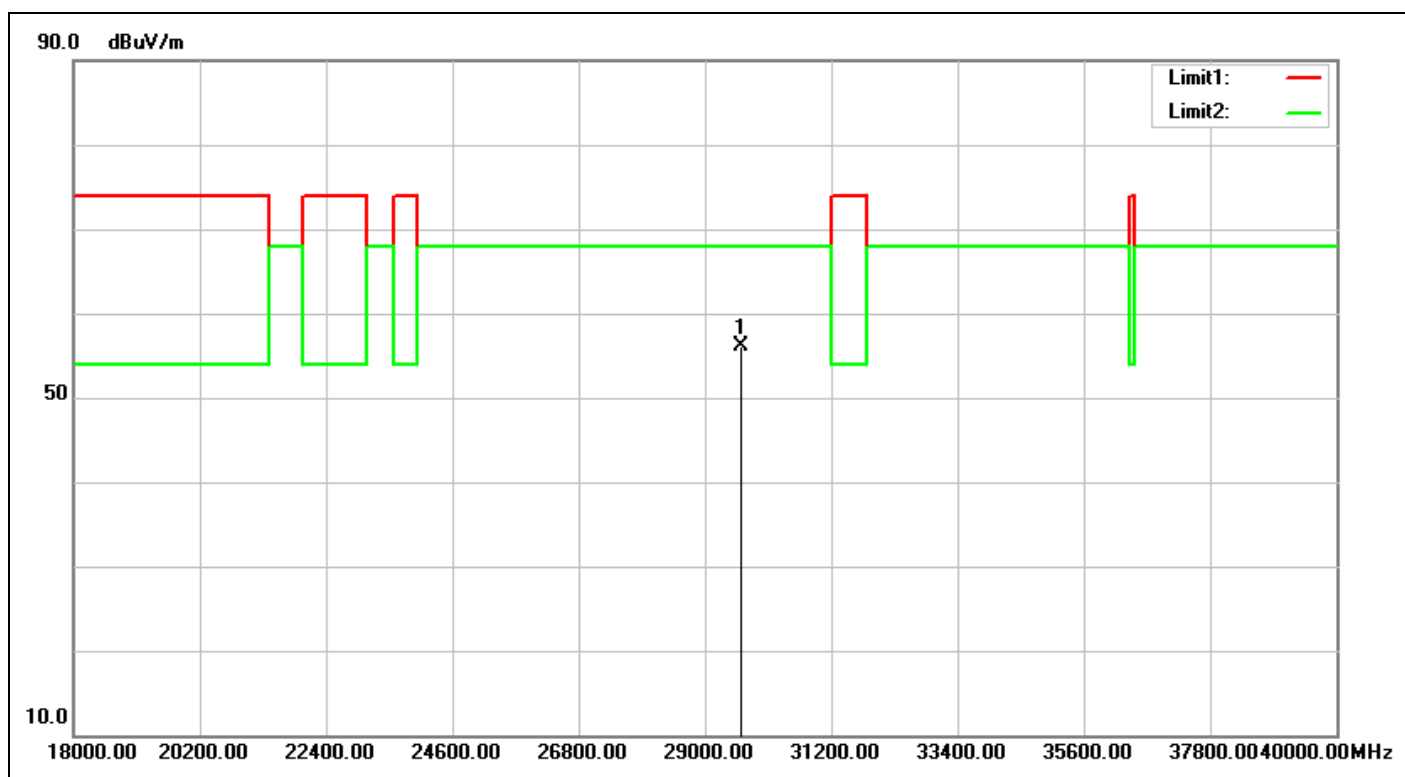
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:29:19
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5825-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	37756.000	38.56	21.32	59.88	68.00	-8.12	peak			



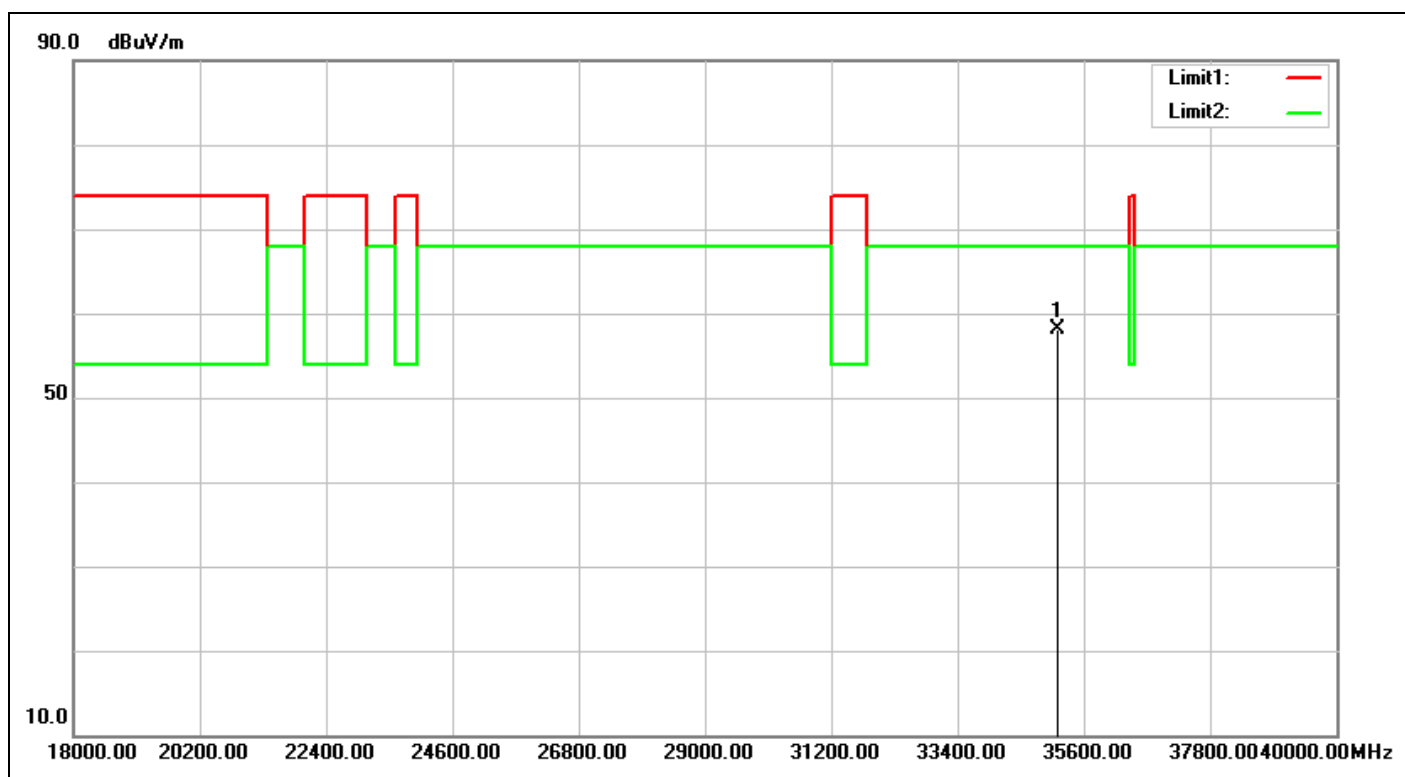
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:29:28
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5825-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21542.000	32.69	17.35	50.04	68.00	-17.96	peak			



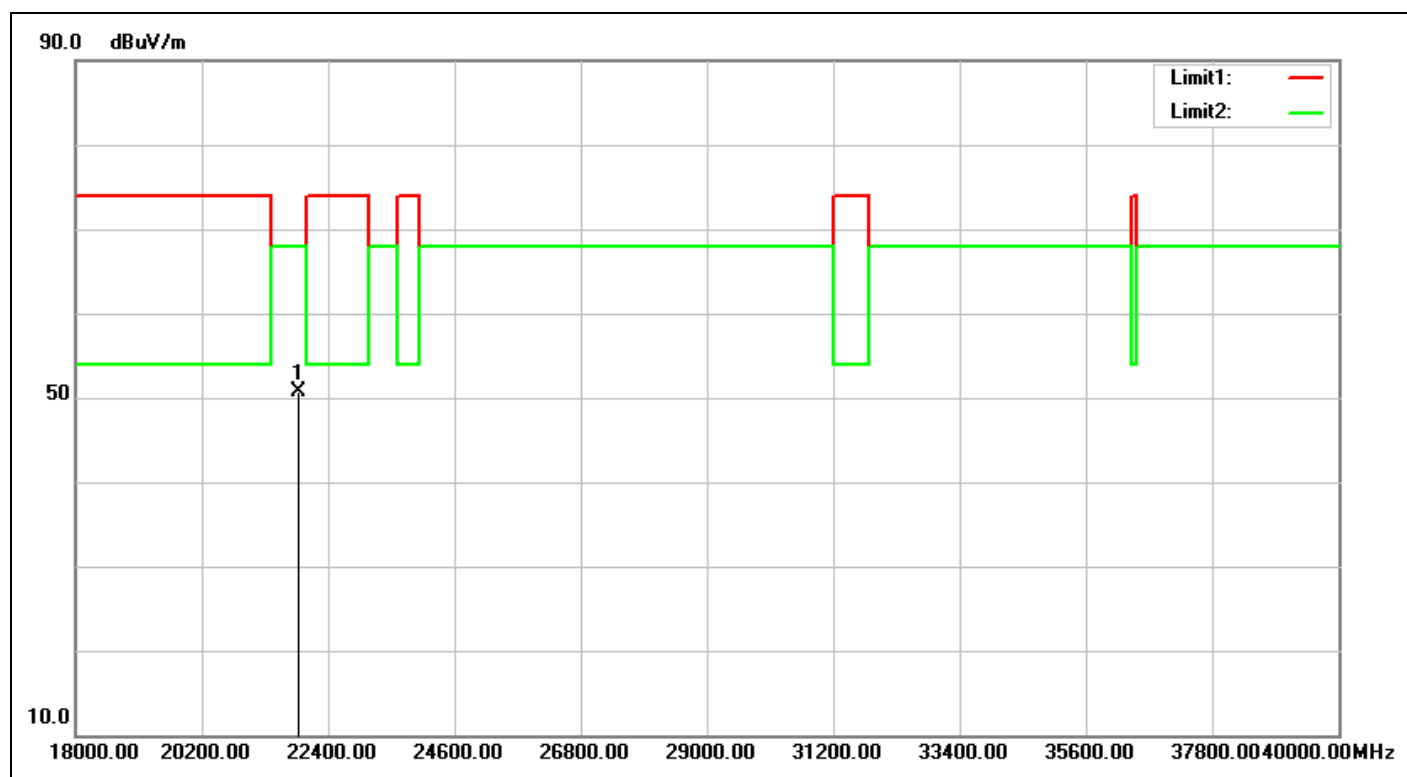
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:29:44
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5745-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	29616.000	36.33	19.79	56.12	68.00	-11.88	peak			



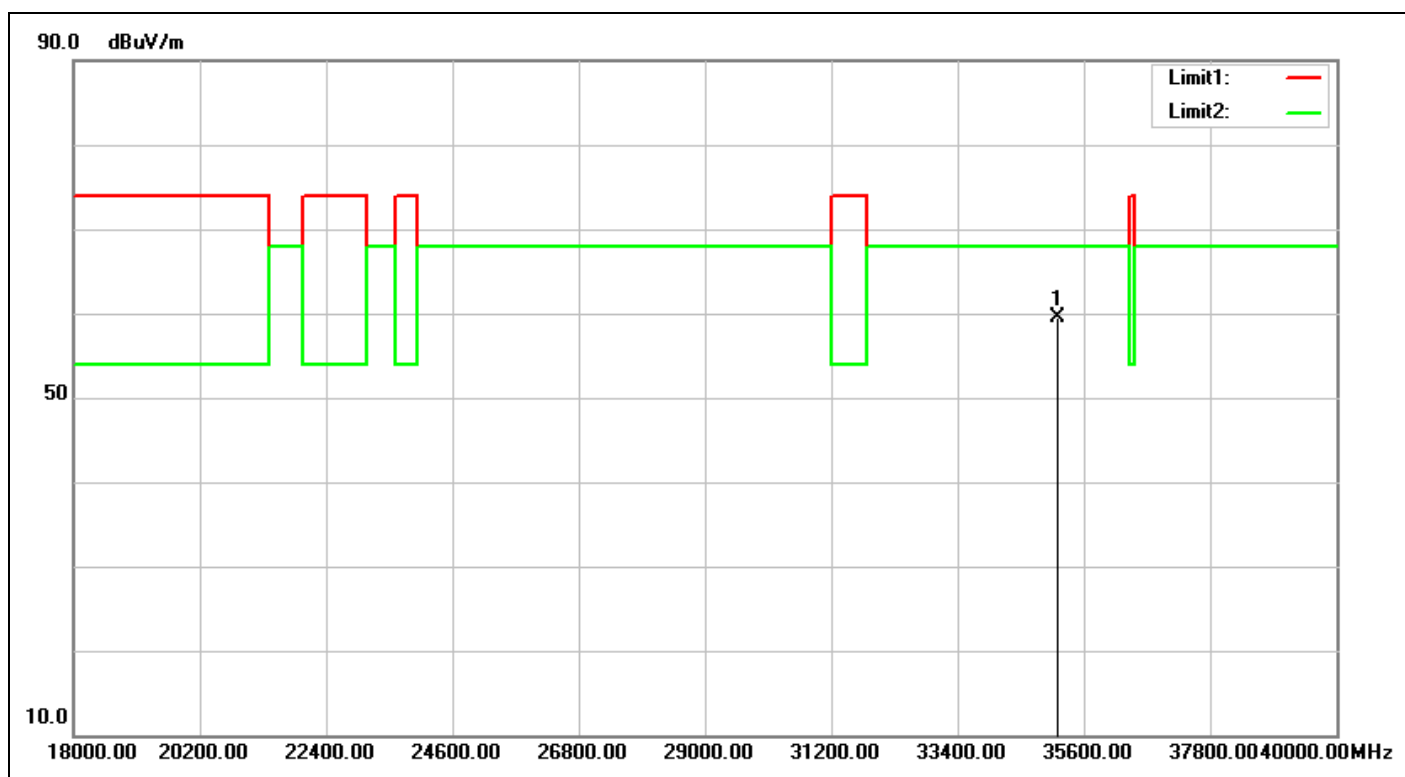
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:29:52
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5745-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	35138.000	38.83	19.31	58.14	68.00	-9.86	peak			



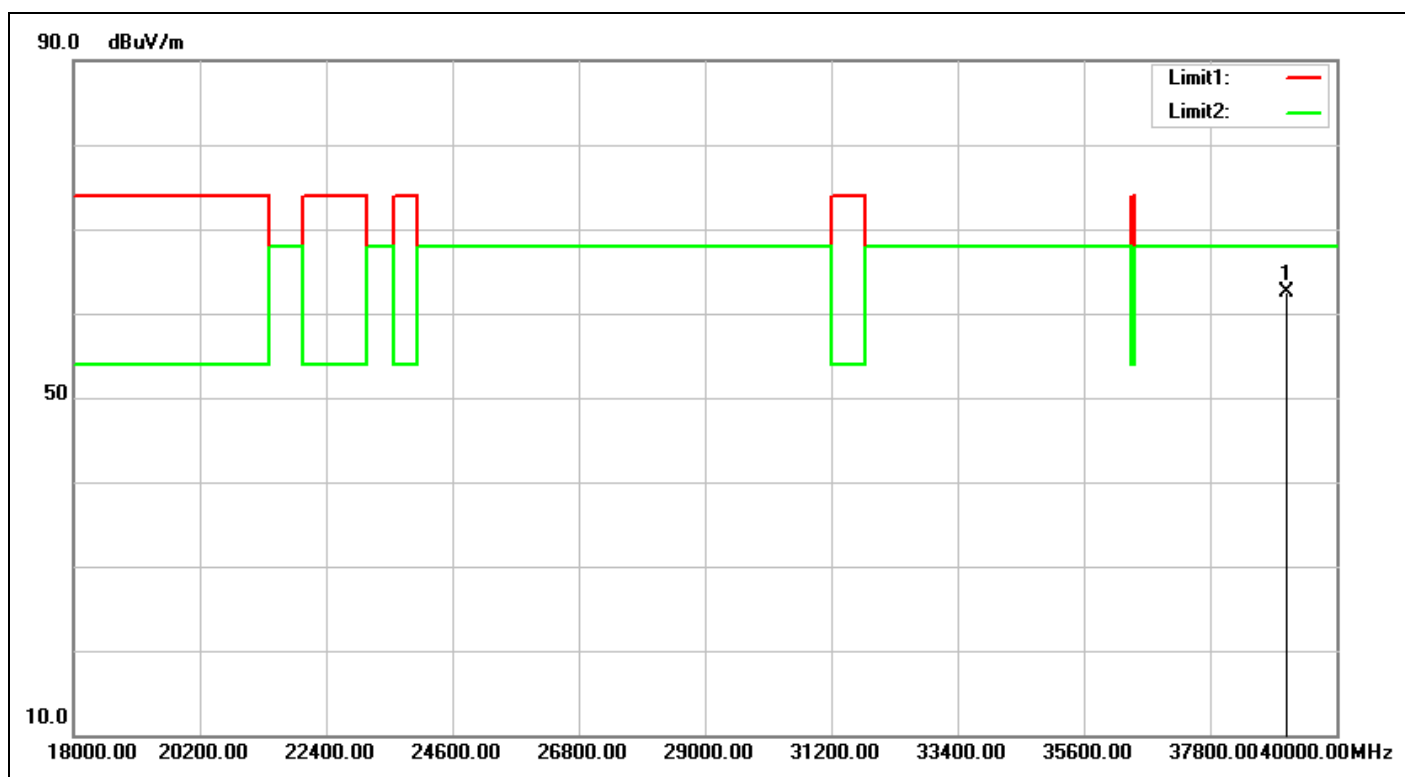
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:30:04
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5785-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21894.000	33.02	17.78	50.80	68.00	-17.20	peak			



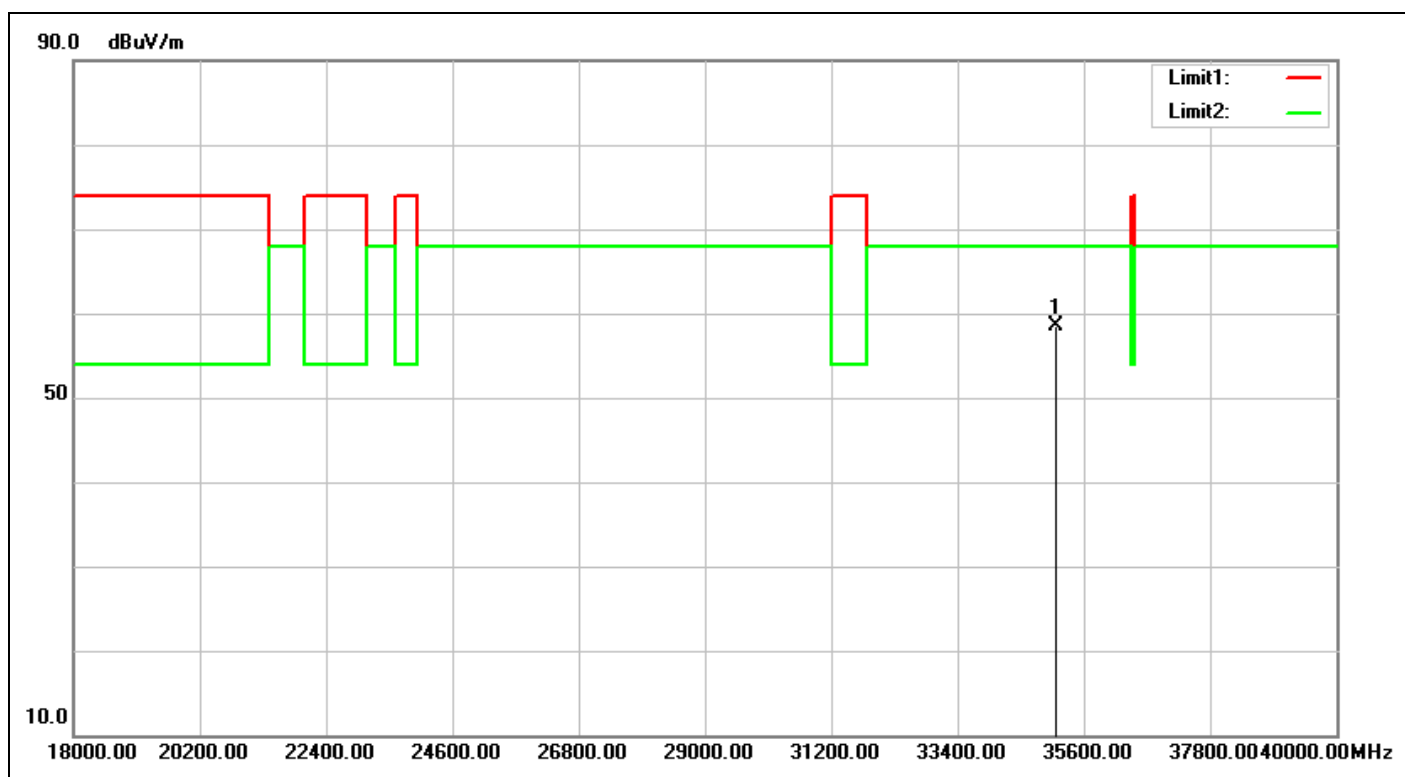
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:30:13
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5785-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	35138.000	38.83	20.60	59.43	68.00	-8.57	peak			



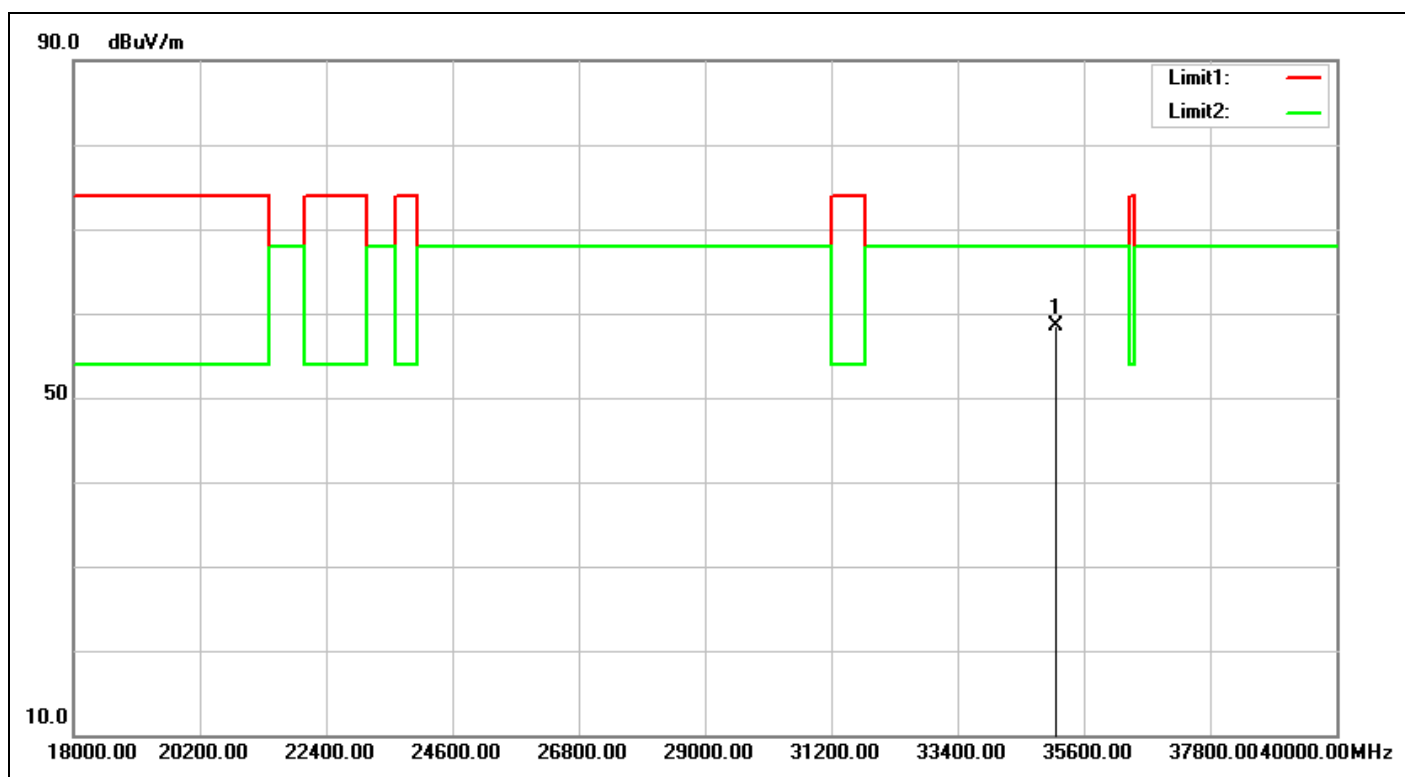
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:30:26
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5825-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	39142.000	38.84	23.67	62.51	68.00	-5.49	peak			



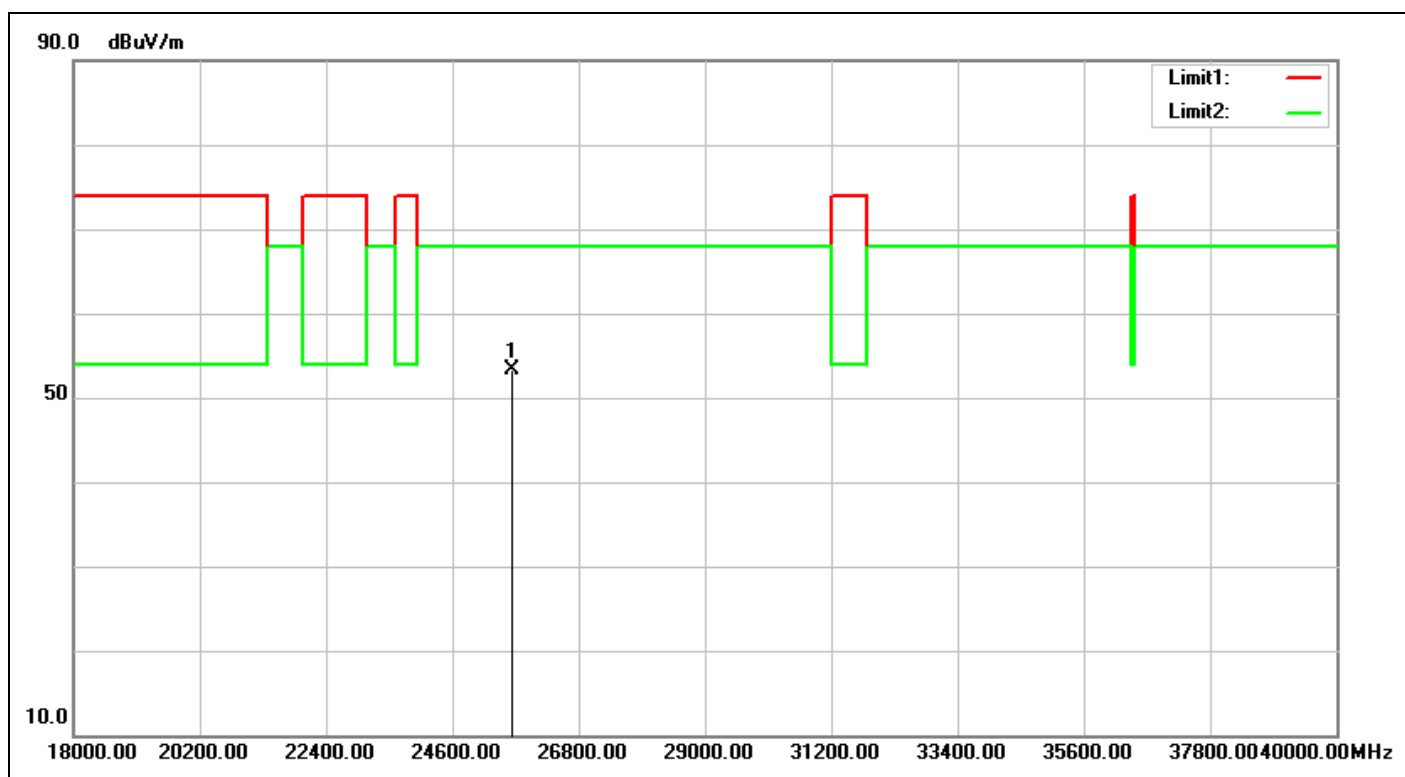
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:30:33
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A20-5825-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	35116.000	38.87	19.57	58.44	68.00	-9.56	peak			



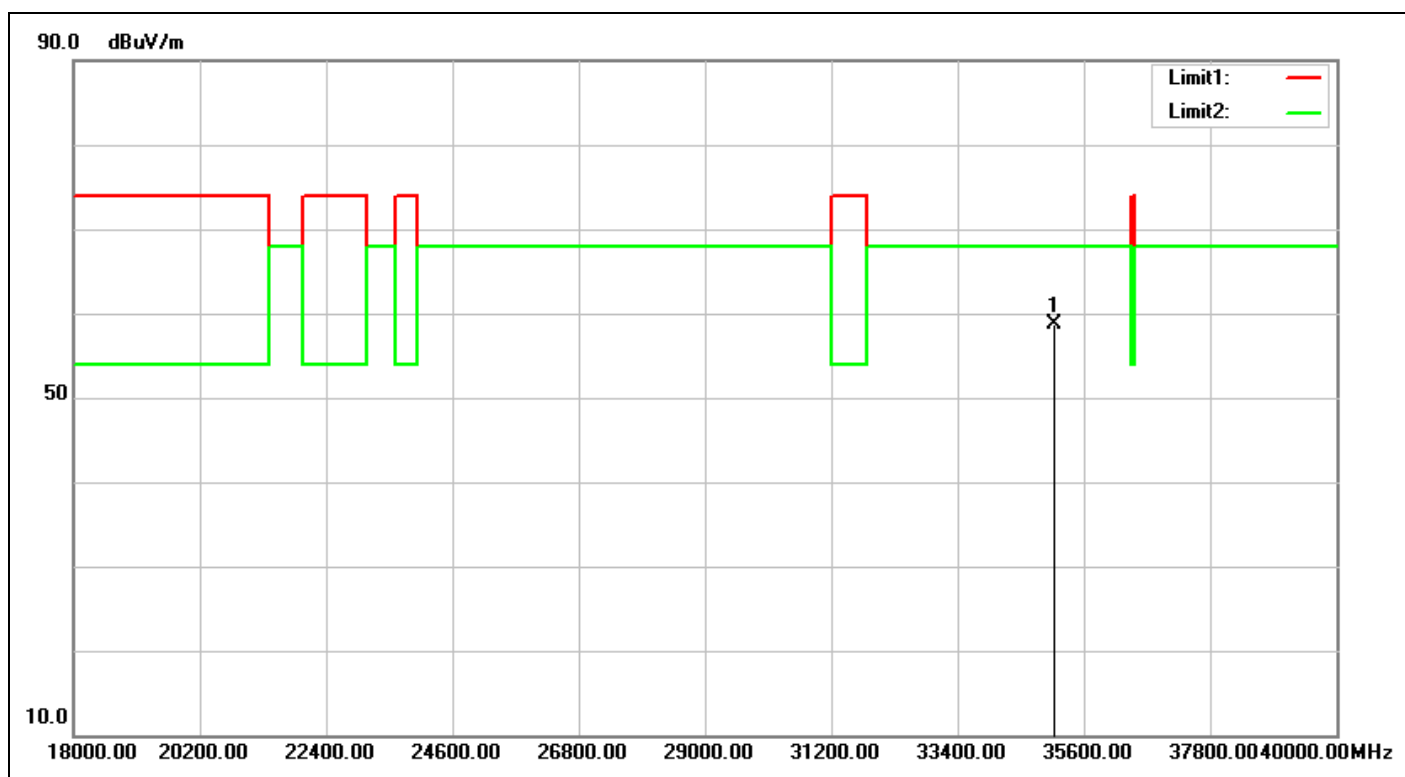
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:30:48
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A40-5755-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	35116.000	38.87	19.55	58.42	68.00	-9.58	peak			



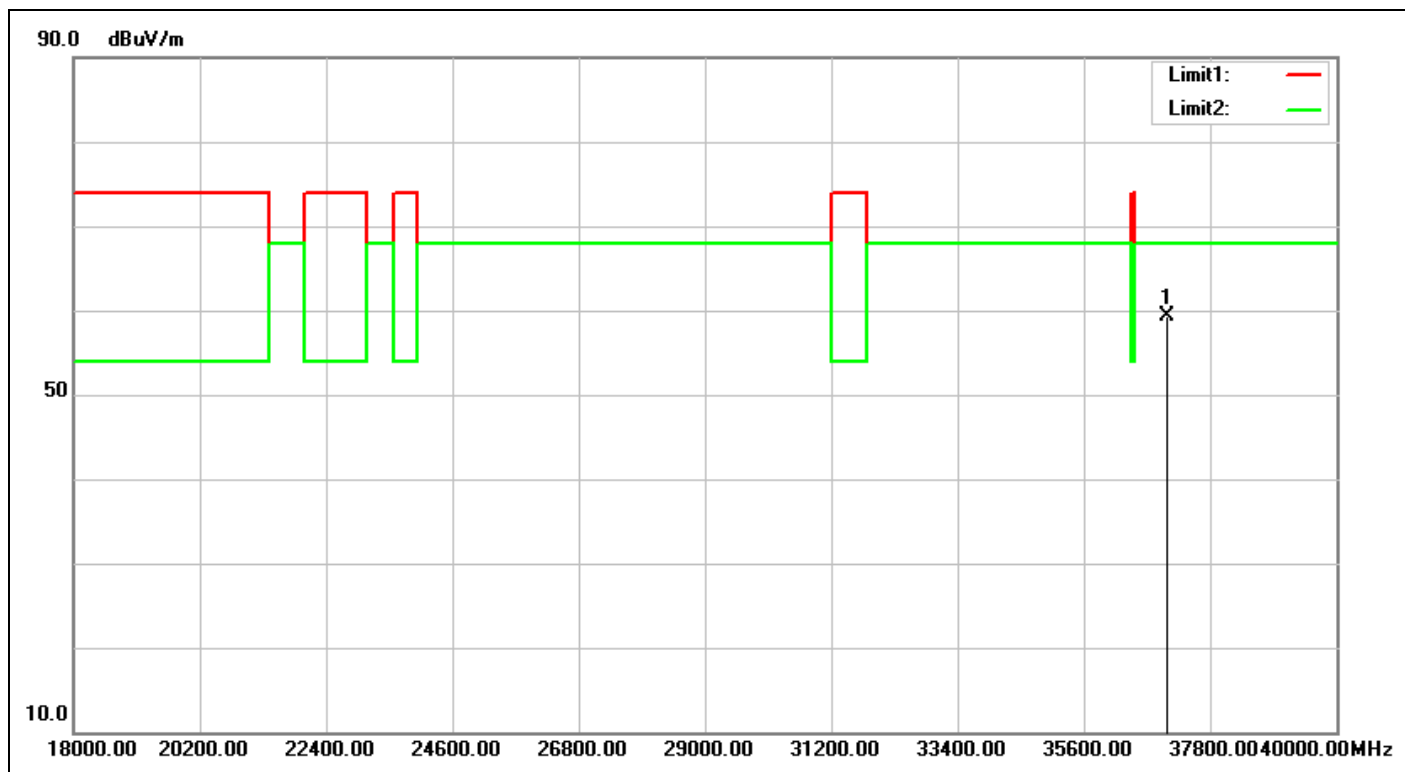
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:30:56
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A40-5755-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25634.000	35.18	18.14	53.32	68.00	-14.68	peak			



Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:31:09
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A40-5795-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	35094.000	38.90	19.89	58.79	68.00	-9.21	peak			



Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:31:17
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%)	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A40-5795-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	37052.000	39.57	19.76	59.33	68.00	-8.67	peak			

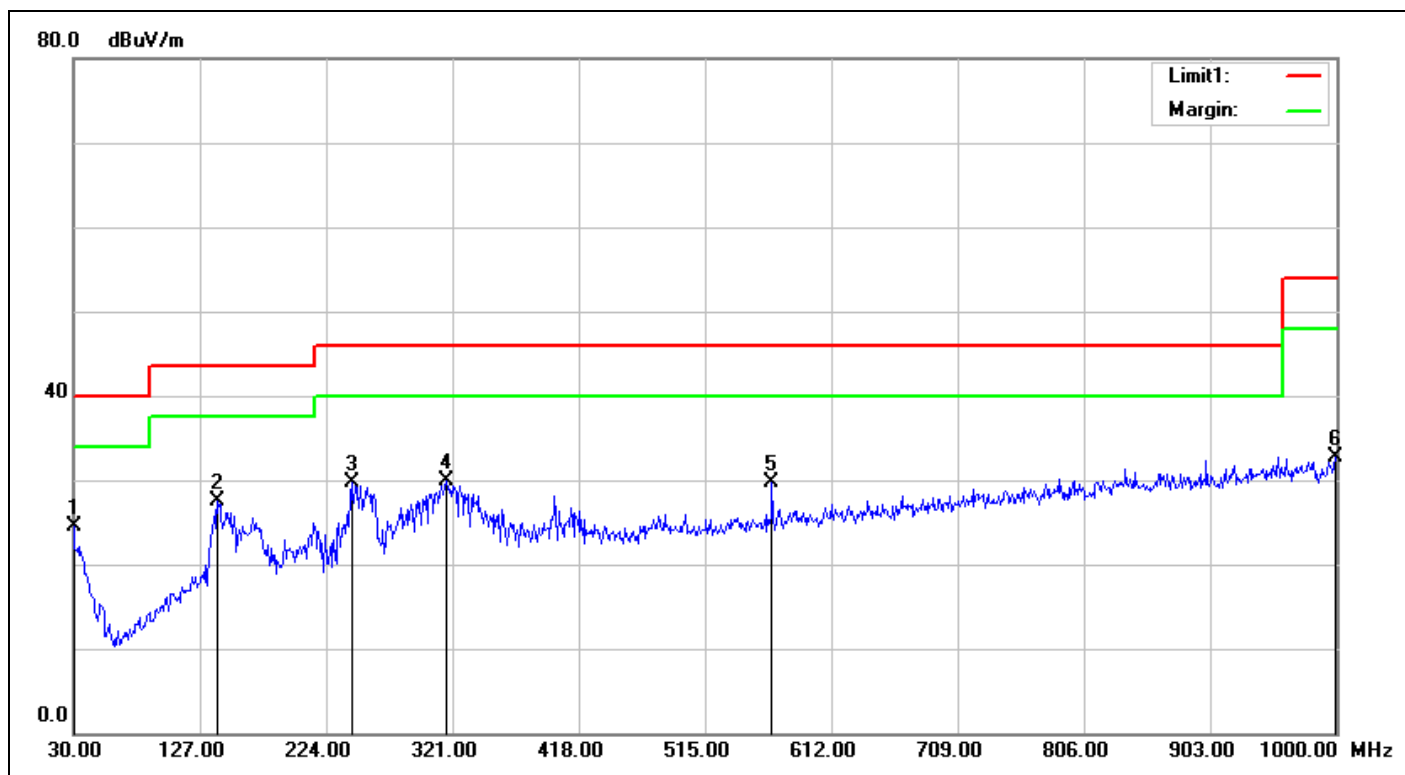
Spurious Emissions, TX Mode, 30M-1G



TUV Taiwan

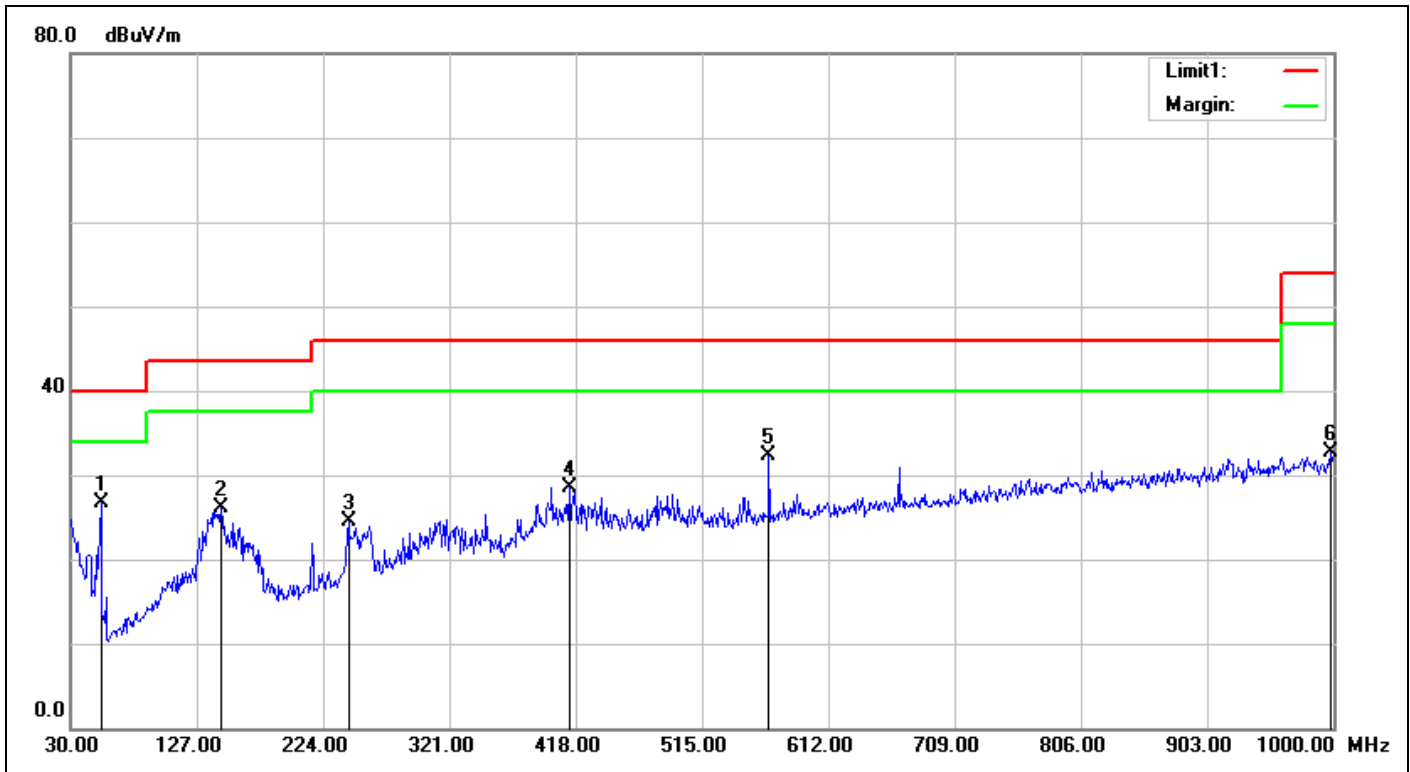
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



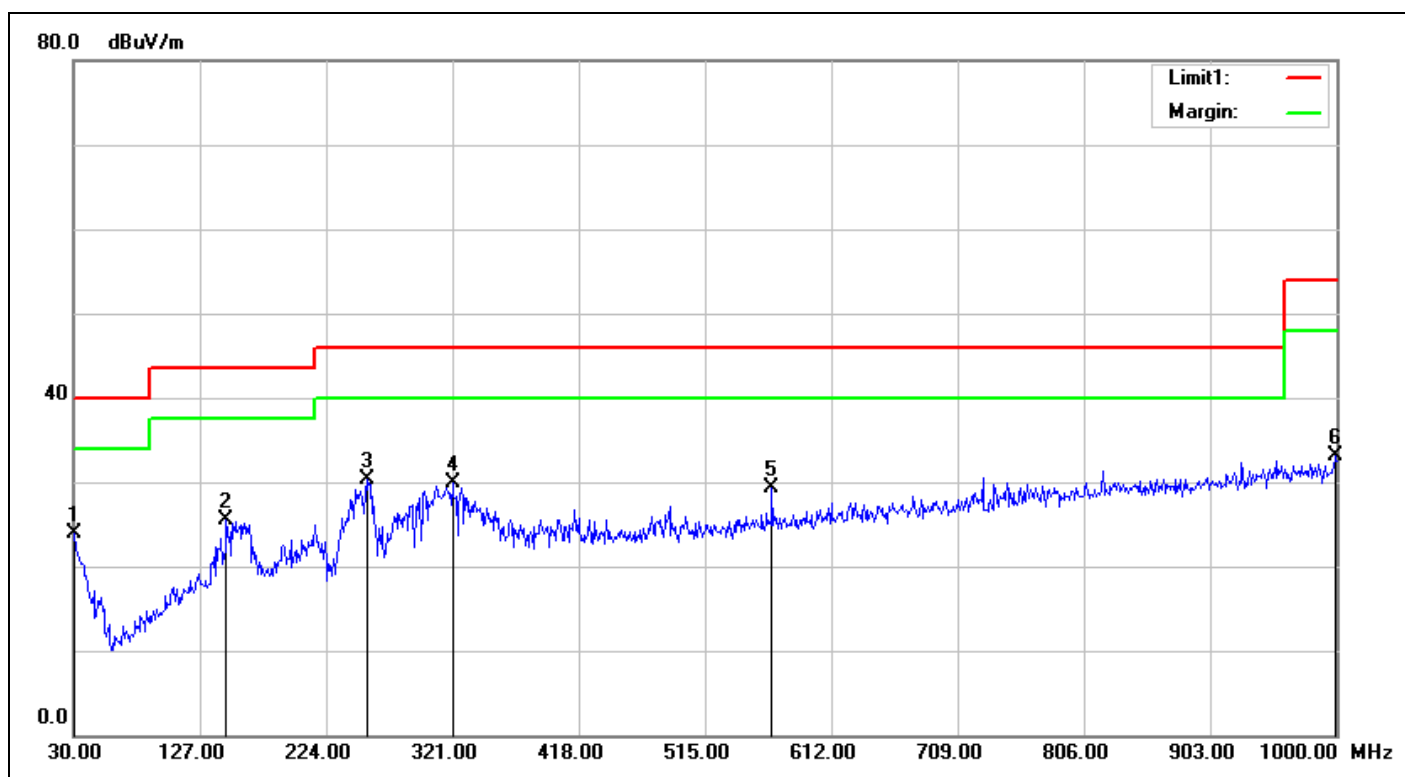
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:39:20
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5200-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	-0.07	24.60	24.53	40.00	-15.47	QP	100	302	
2	140.5800	-7.03	34.48	27.45	43.50	-16.05	QP	100	174	
3	243.4000	-6.36	36.03	29.67	46.00	-16.33	QP	100	246	
4	316.1500	-4.15	33.99	29.84	46.00	-16.16	QP	100	291	
5	566.4100	-0.52	30.31	29.79	46.00	-16.21	QP	100	222	
6	999.0300	5.83	26.84	32.67	54.00	-21.33	QP	100	358	



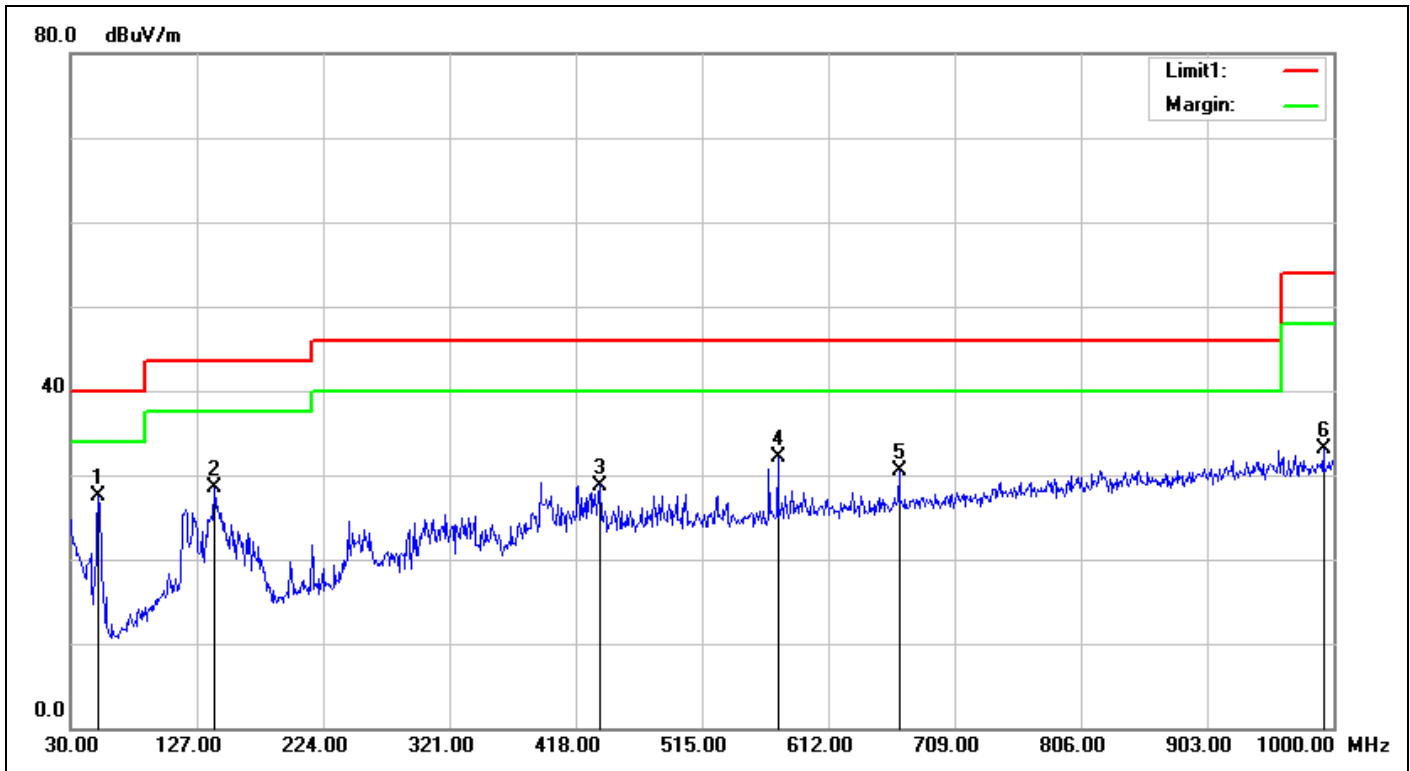
Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:40:24
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	53.2800	-12.05	38.83	26.78	40.00	-13.22	QP	100	317	
2	145.4300	-7.23	33.38	26.15	43.50	-17.35	QP	100	152	
3	243.4000	-6.36	30.92	24.56	46.00	-21.44	QP	100	315	
4	413.1500	-2.48	31.02	28.54	46.00	-17.46	QP	100	184	
5	566.4100	-0.52	32.87	32.35	46.00	-13.65	QP	100	144	
6	998.0600	5.81	26.86	32.67	54.00	-21.33	QP	100	77	



Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/3/9 21:45:03
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5785-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	-0.62	24.62	24.00	40.00	-16.00	QP	100	222	
2	147.3700	-7.32	32.90	25.58	43.50	-17.92	QP	100	239	
3	255.0400	-5.31	35.60	30.29	46.00	-15.71	QP	100	274	
4	321.0000	-4.05	33.89	29.84	46.00	-16.16	QP	100	294	
5	566.4100	-0.52	29.88	29.36	46.00	-16.64	QP	100	208	
6	999.0300	5.83	27.19	33.02	54.00	-20.98	QP	100	255	



Service No.:	114080702	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/3/9 21:46:07
Applicant:	Trans	Test Rating:	DC 5V
Product:	HD Wireless Sender & Receiver	Temp.(°C)/Hum.(%):	19.1(°C)/54%
Model No.:	WTR-5000	Test Engineer:	George Yang
Test Mode:	A-5785-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	51.3400	-11.57	39.03	27.46	40.00	-12.54	QP	100	213	
2	140.5800	-7.03	35.57	28.54	43.50	-14.96	QP	100	185	
3	436.4300	-2.18	30.98	28.80	46.00	-17.20	QP	100	183	
4	573.2000	-0.42	32.45	32.03	46.00	-13.97	QP	100	144	
5	666.3200	0.71	29.88	30.59	46.00	-15.41	QP	100	232	
6	992.2400	5.77	27.31	33.08	54.00	-20.92	QP	100	39	

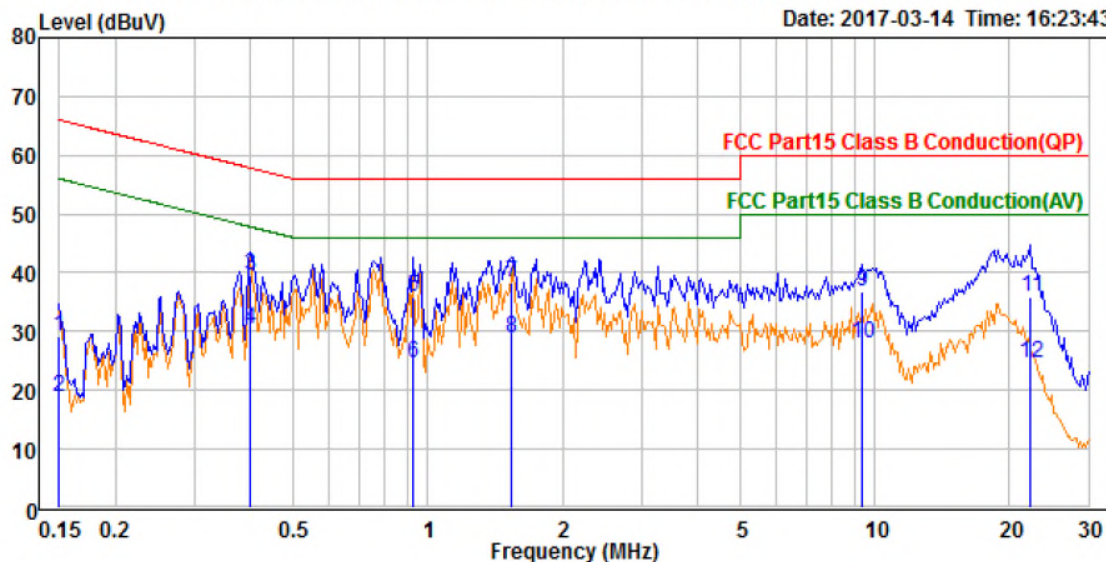
Spurious Emissions, Mains, 150kHz - 30MHz



TUV Taiwan
11F., No. 758, Sec. 4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 Fax:+886-2528-0018

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Date: 2017-03-14 Time: 16:23:43



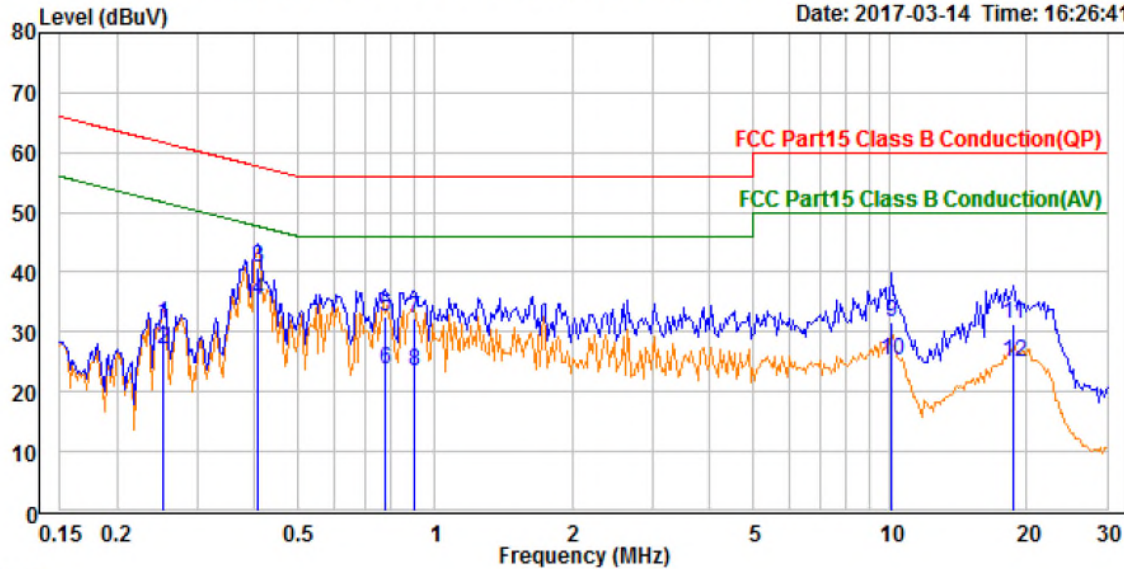
Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Joe Tien
Applicant : Trans
Product : 無線HDMI高畫質傳輸器 / HD wireless Sender & Receiver
Model No. : WTR-5000
Test Rating : 120Vac/60Hz
Tmp/Hum : 18.8°C / 32%
Memo : Normal operation (Sender)
: Adaptor +core

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.150	29.31	19.53	9.78	66.00	-36.69	QP
2	0.150	18.94	9.16	9.78	56.00	-37.06	Average
3	0.402	39.63	29.88	9.75	57.81	-18.18	QP
4	0.402	30.44	20.69	9.75	47.81	-17.37	Average
5	0.928	35.81	26.06	9.75	56.00	-20.19	QP
6	0.928	24.68	14.93	9.75	46.00	-21.32	Average
7	1.544	38.48	28.72	9.76	56.00	-17.52	QP
8	1.544	28.96	19.20	9.76	46.00	-17.04	Average
9	9.352	36.78	26.93	9.85	60.00	-23.22	QP
10	9.352	27.88	18.03	9.85	50.00	-22.12	Average
11	22.298	36.04	26.07	9.97	60.00	-23.96	QP
12	22.298	24.54	14.57	9.97	50.00	-25.46	Average

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Date: 2017-03-14 Time: 16:26:41



Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) neutral
Test Engineer: Joe Tien
Applicant : Trans
Product : 無線HDMI高畫質傳輸器 / HD wireless Sender & Receiver
Model No. : WTR-5000
Test Rating : 120Vac/60Hz
Tmp/Hum : 18.8°C / 32%
Memo : Normal operation (Sender)
: Adaptor +core

	Freq	Level	Read	Limit	Over	
	MHz	dBuV	Level	Line	Limit	Remark
		dBuV	Factor	dB	dB	
1	0.252	31.18	21.50	9.68	61.69	-30.51 QP
2	0.252	26.96	17.28	9.68	51.69	-24.73 Average
3	0.406	40.74	31.06	9.68	57.73	-16.99 QP
4	0.406	35.28	25.60	9.68	47.73	-12.45 Average
5	0.775	32.46	22.77	9.69	56.00	-23.54 QP
6	0.775	23.70	14.01	9.69	46.00	-22.30 Average
7	0.899	32.35	22.65	9.70	56.00	-23.65 QP
8	0.899	23.46	13.76	9.70	46.00	-22.54 Average
9	10.072	31.53	21.69	9.84	60.00	-28.47 QP
10	10.072	25.20	15.36	9.84	50.00	-24.80 Average
11	18.622	31.20	21.29	9.91	60.00	-28.80 QP
12	18.622	24.95	15.04	9.91	50.00	-25.05 Average