

Test Report No.10052733 001

Appendix D: Radiated and Mains Spurious Emission Data

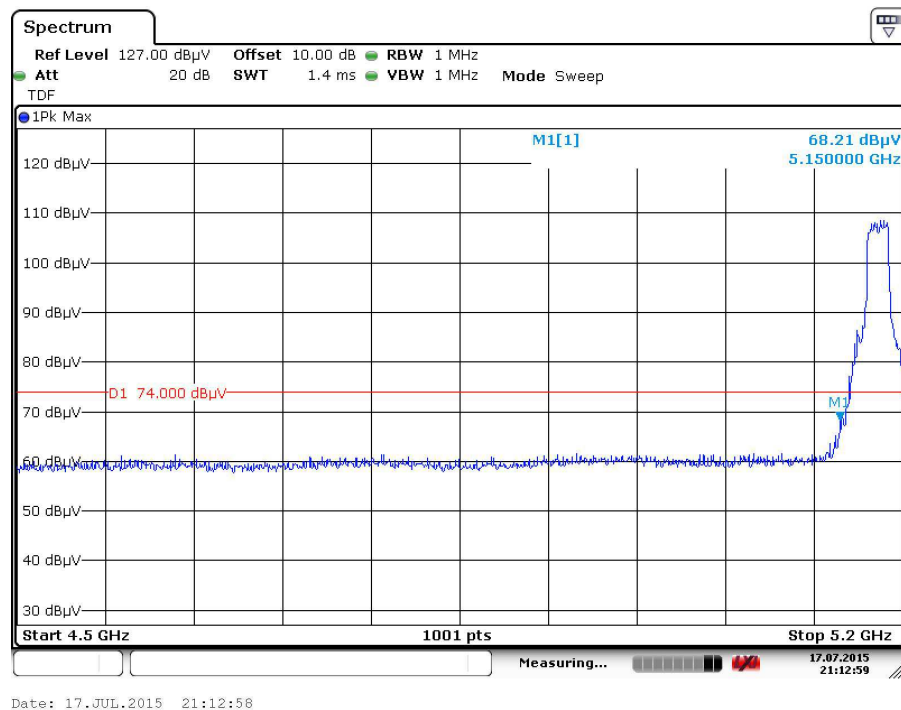
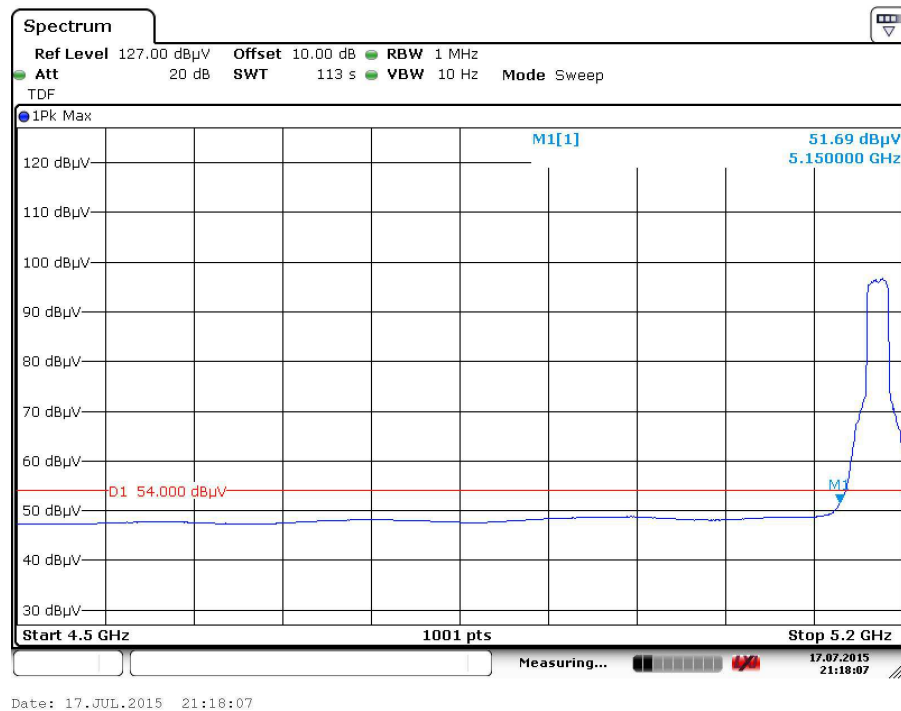
(File: 10052733AppendixD)

Contents

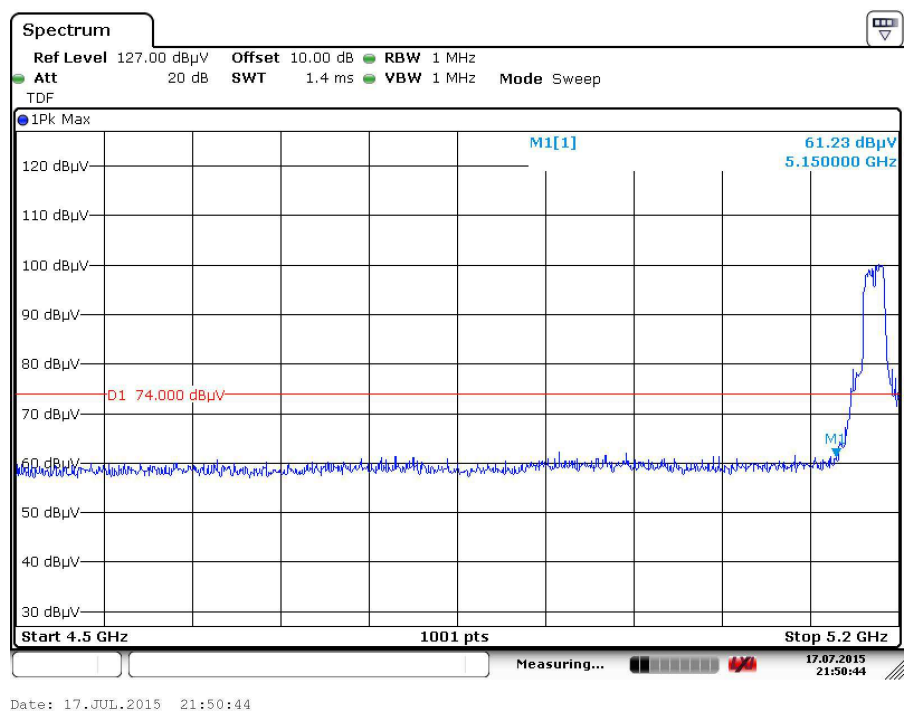
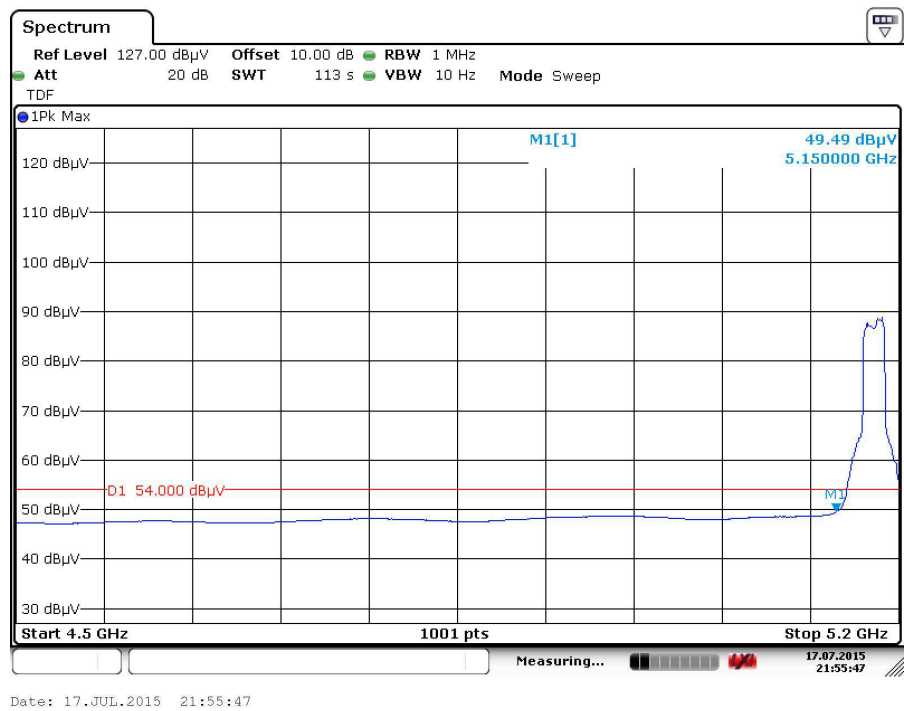
Spurious Emissions, Band Edges,4.5-5.2G	2
Spurious Emissions, TX Mode, 1-18G , 5150-5250MHz	8
Spurious Emissions, TX Mode, 1-18G , 5470-5725MHz	24
Spurious Emissions, TX Mode, 18-40G,5150-5250MHz.....	40
Spurious Emissions, TX Mode, 18-40G ,5470-5725MHz	56
Spurious Emissions, TX Mode, 30M-1G	72
Spurious Emissions, Mains, 150kHz - 30MHz.....	74

Radiated Bandedge 11a

Low Channel (Hor) 5180



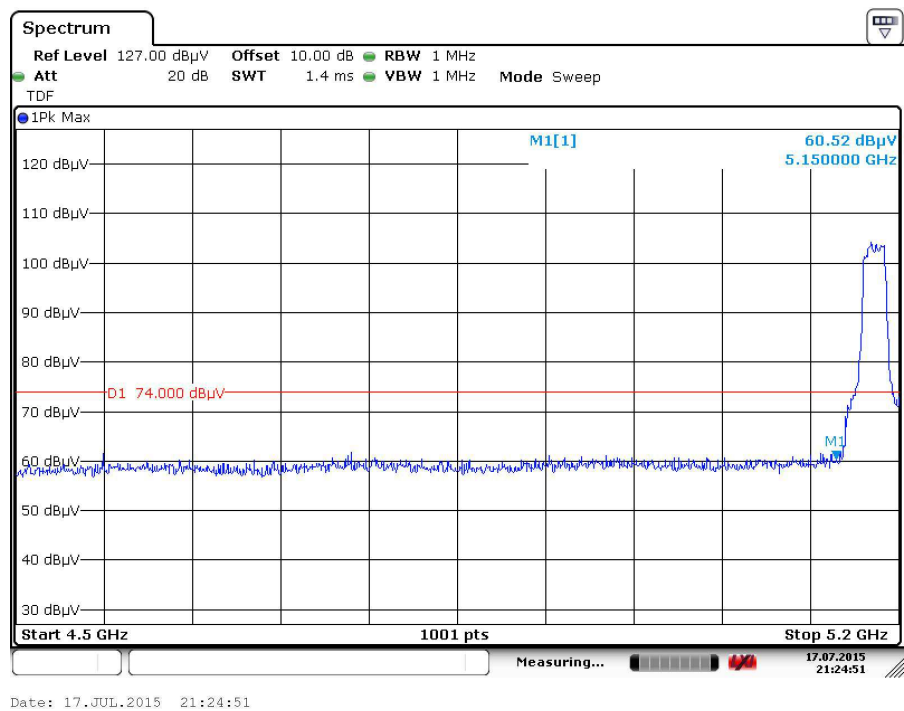
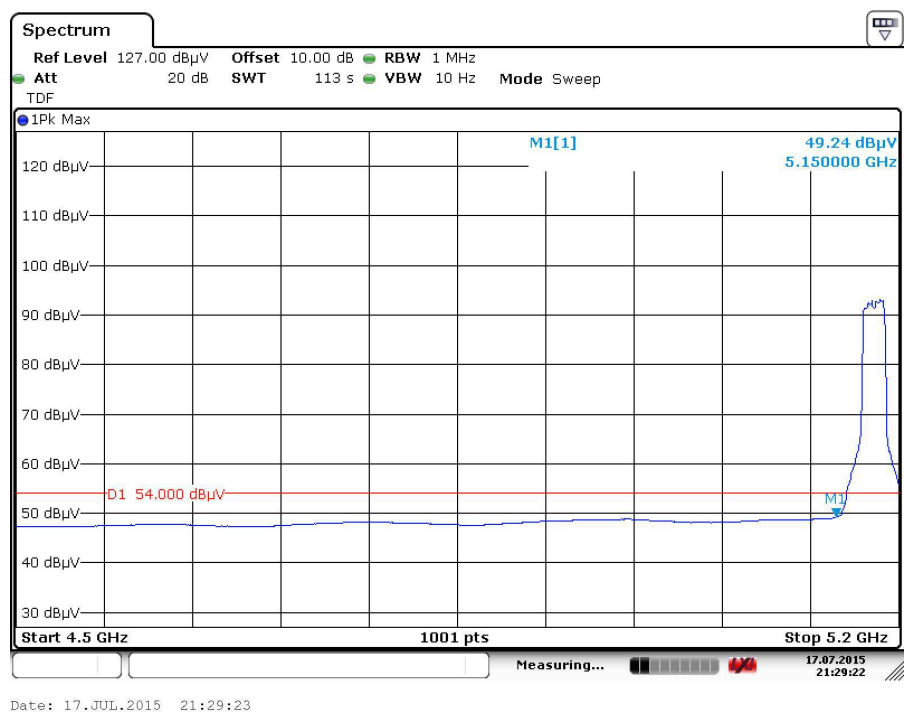
Low Channel (Ver) 5180



Spurious Emissions, Band Edge, 2.35-2.5G

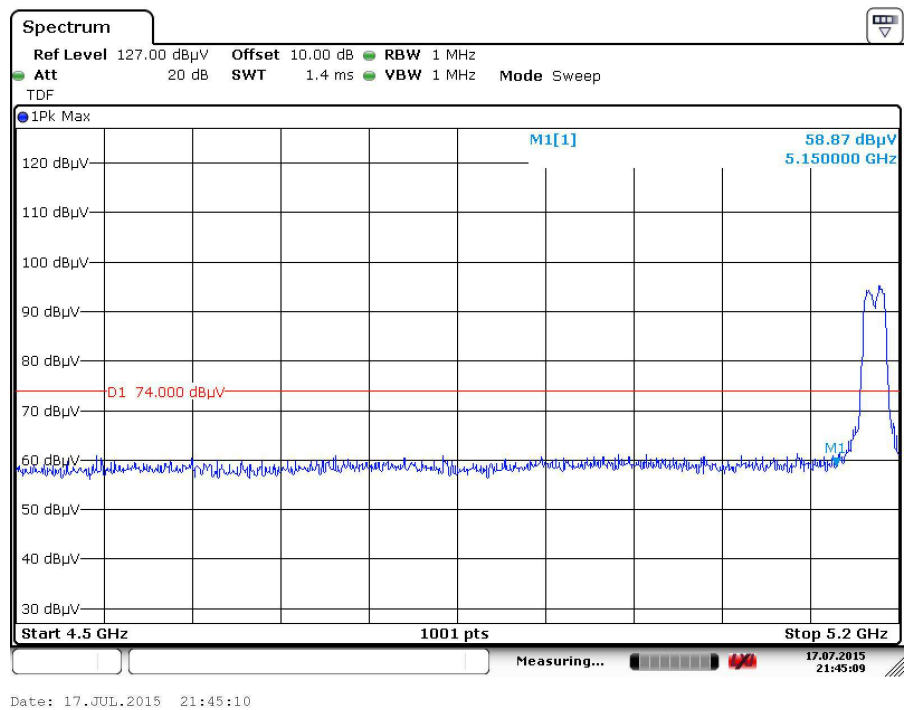
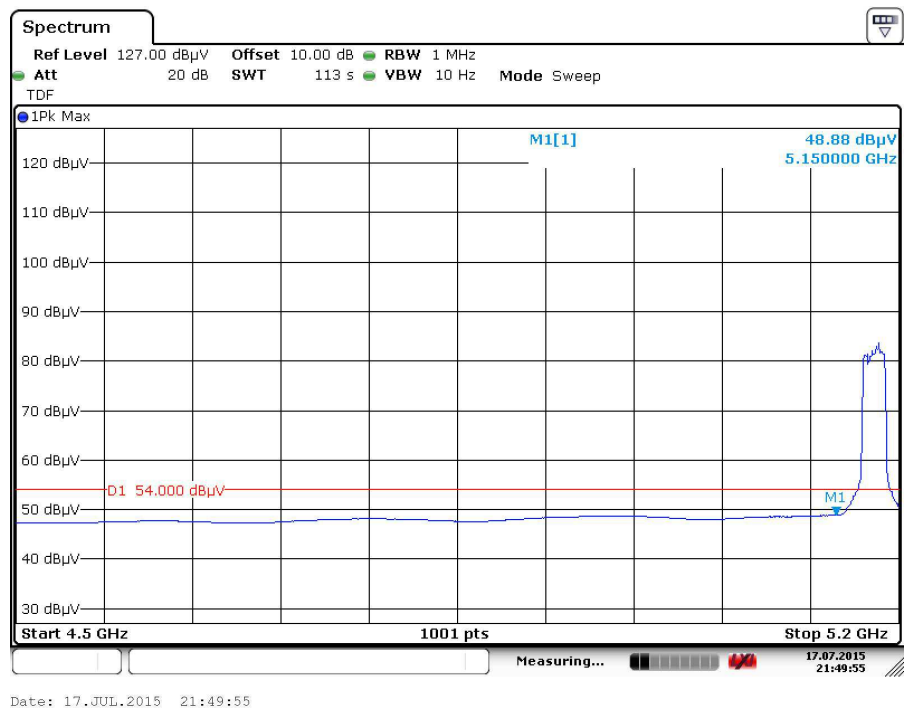
Radiated Bandedge 11a HT20

Low Channel (Hor) 5180



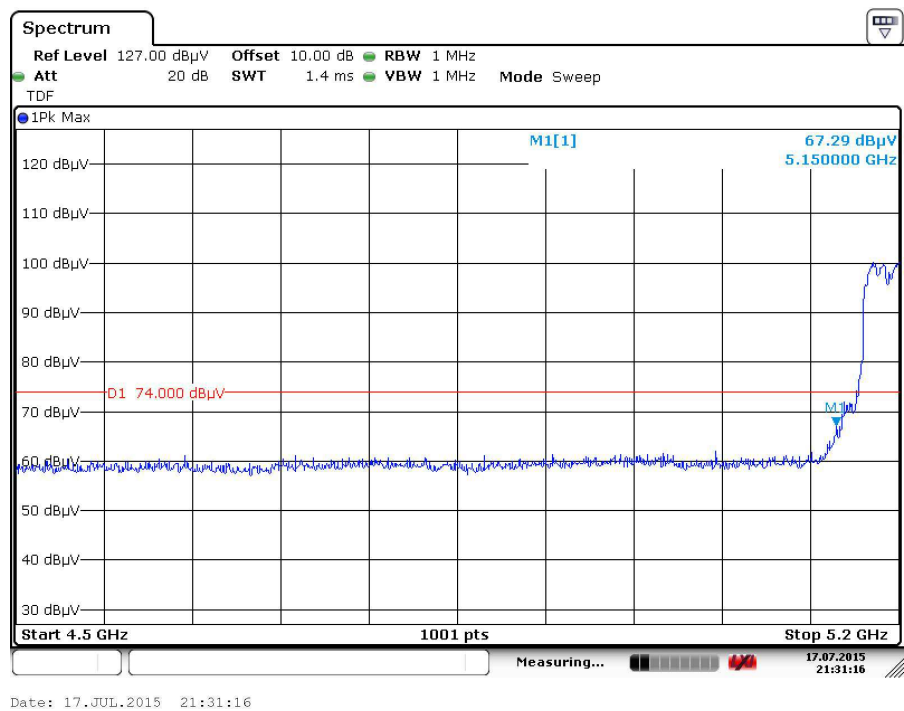
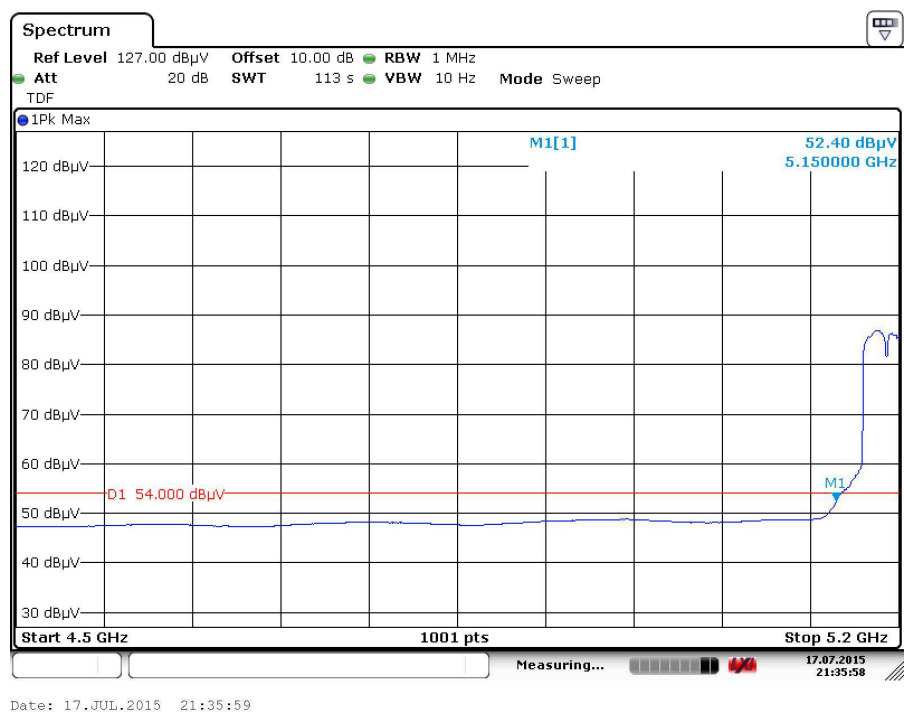
Spurious Emissions, Band Edge, 2.35-2.5G

Low Channel (Ver) 5180



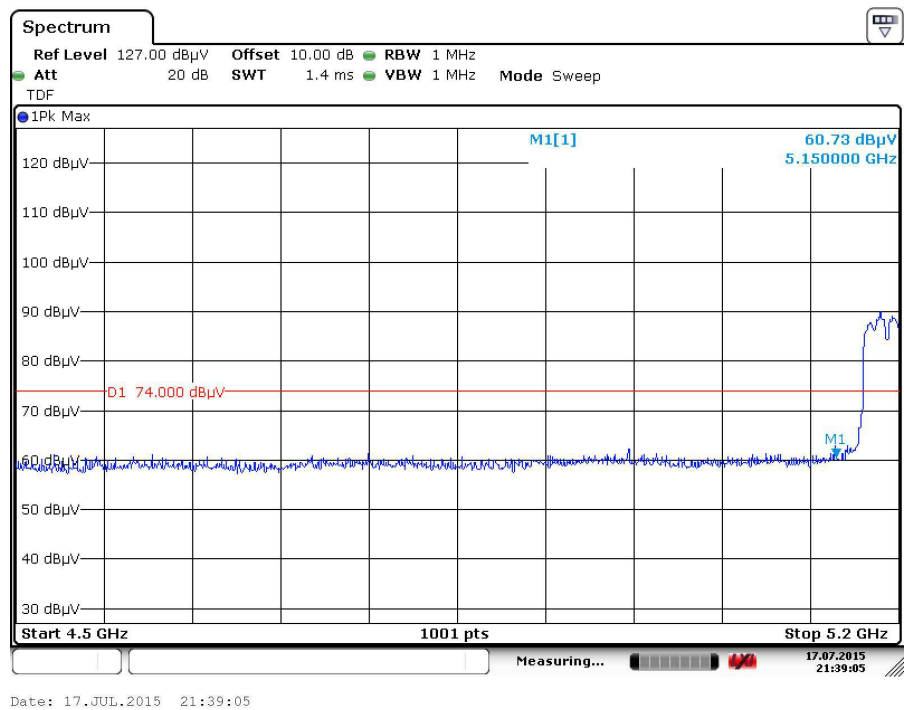
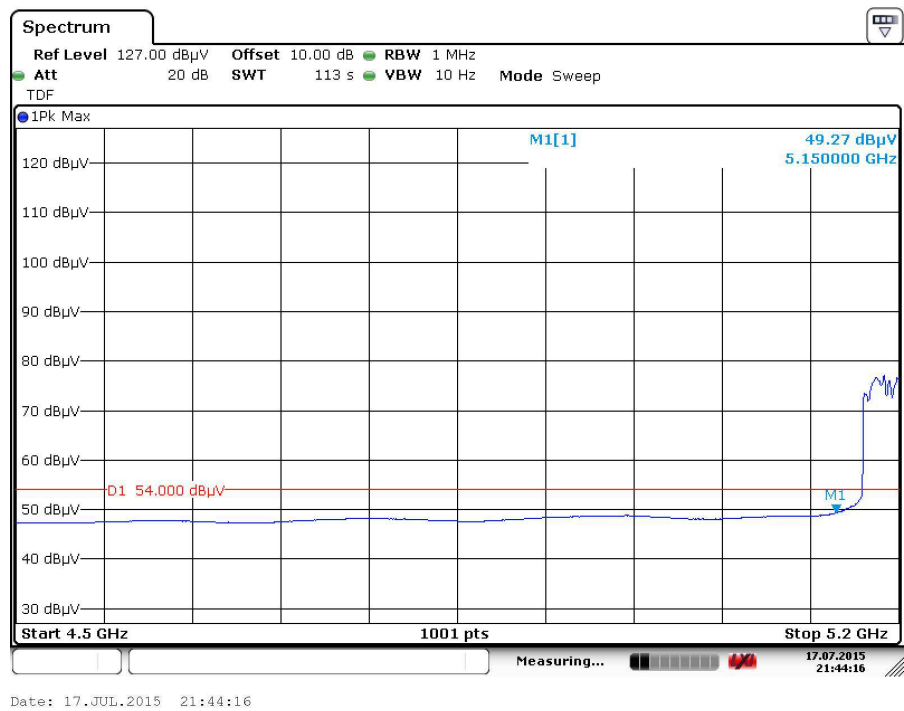
Radiated Bandedge 11a HT40

Low Channel (Hor) 5190



Spurious Emissions, Band Edge, 2.35-2.5G

Low Channel (Ver) 5190



Spurious Emissions, Band Edge, 2.35-2.5G

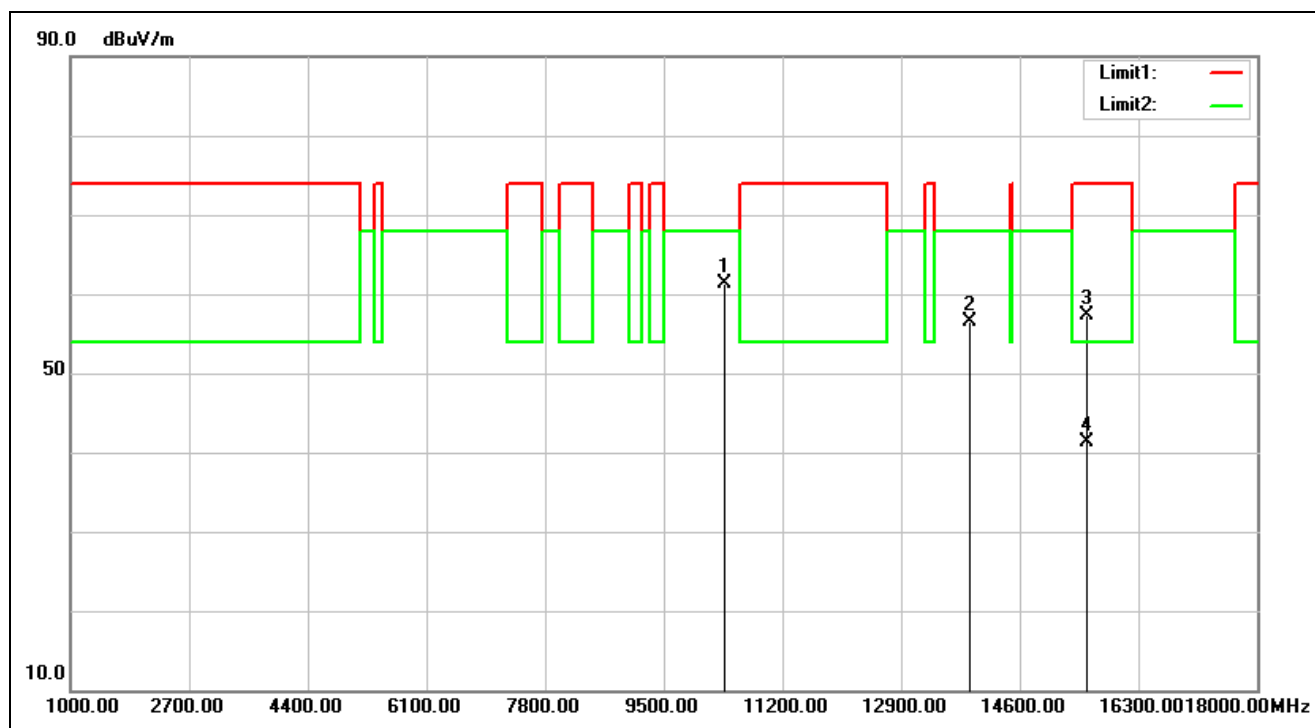
Spurious Emissions, TX Mode, 1-18G , 5150-5250MHz



TUV Taiwan

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

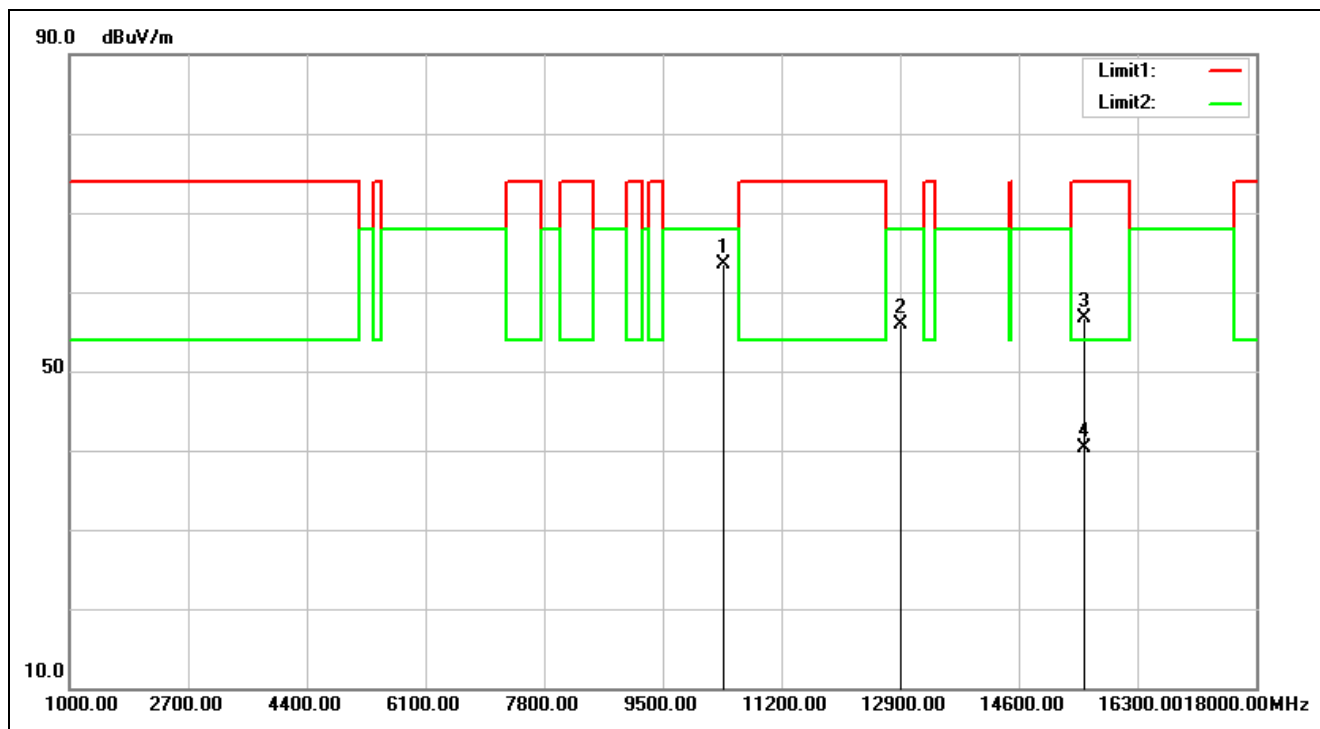
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/17 21:56:54
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5180		
Remark:			

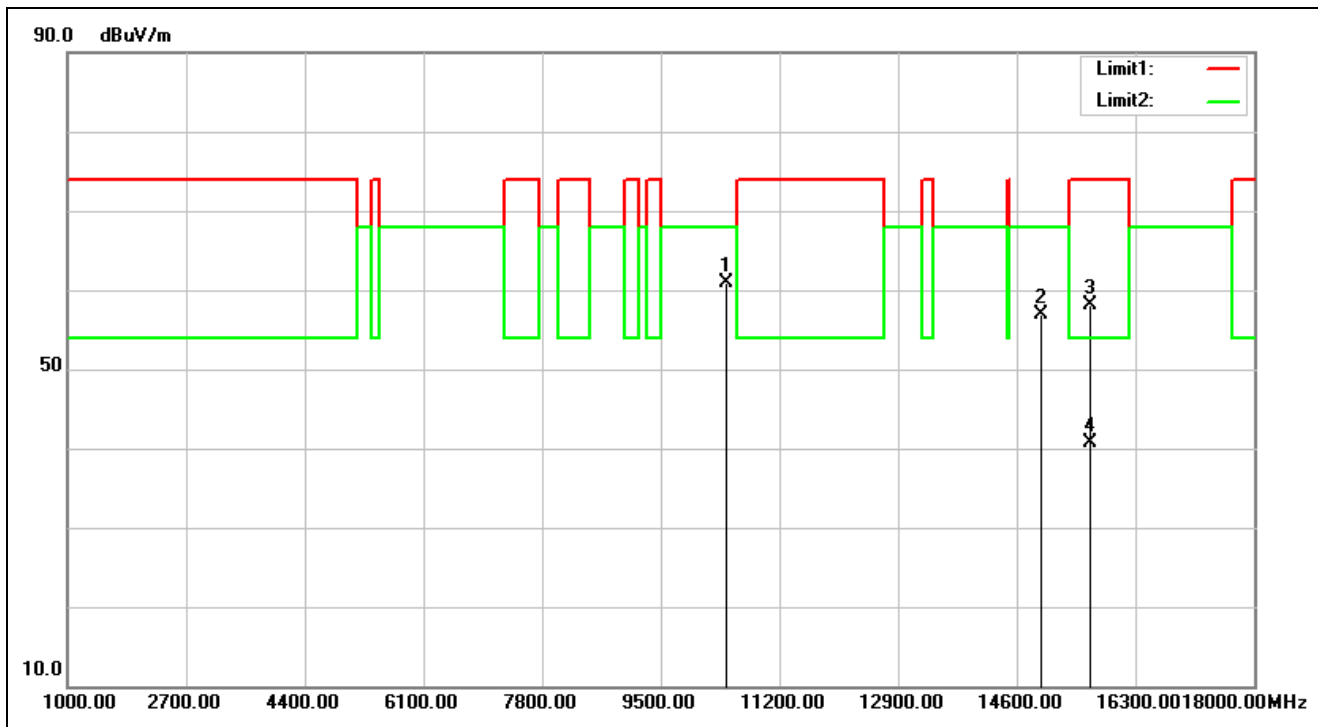
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	10360.000	6.26	54.98	61.24	68.00	-6.76	peak		0	
2	13886.000	11.15	45.42	56.57	68.00	-11.43	peak	100	23	
3	15540.000	12.63	44.72	57.35	74.00	-16.65	peak		0	
4	15540.000	12.63	28.66	41.29	54.00	-12.71	AVG		0	

Spurious Emissions, TX Mode, 18-26G



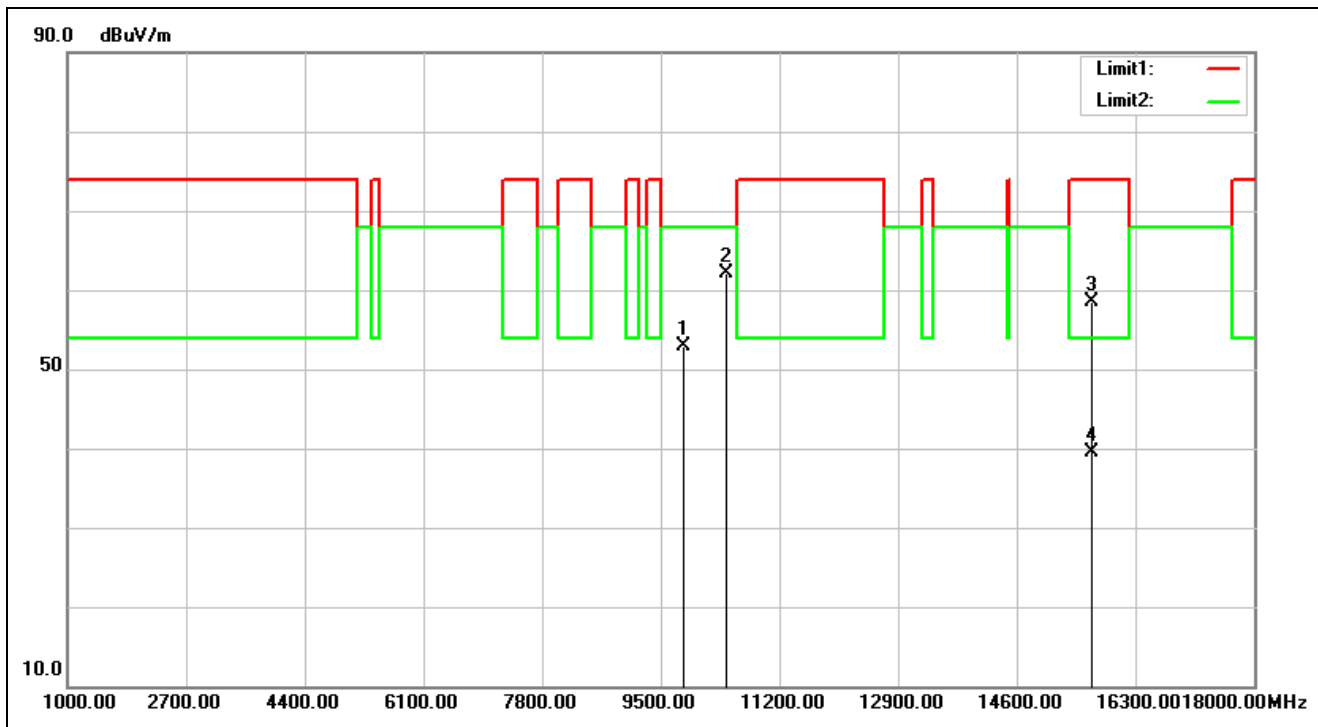
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Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/17 21:57:57
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5180		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	10360.000	6.26	57.17	63.43	68.00	-4.57	peak			
2	12917.000	10.85	45.09	55.94	68.00	-12.06	peak	100	215	
3	15540.000	12.63	44.09	56.72	74.00	-17.28	peak			
4	15540.000	12.63	27.58	40.21	54.00	-13.79	AVG			



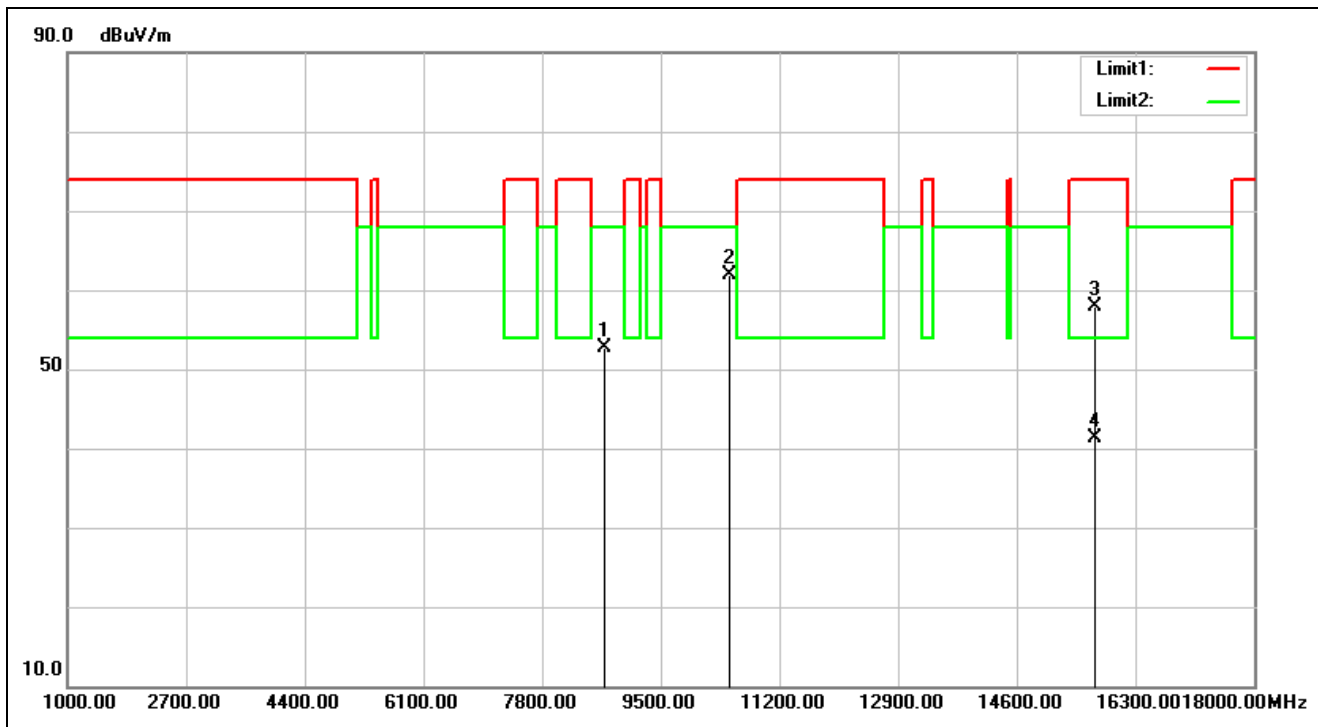
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/17 22:08:54
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5220		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	10440.000	6.18	54.81	60.99	68.00	-7.01	peak			
2	14940.000	10.98	46.02	57.00	68.00	-11.00	peak	100	309	
3	15660.000	13.18	44.90	58.08	74.00	-15.92	peak			
4	15660.000	13.18	27.53	40.71	54.00	-13.29	AVG			



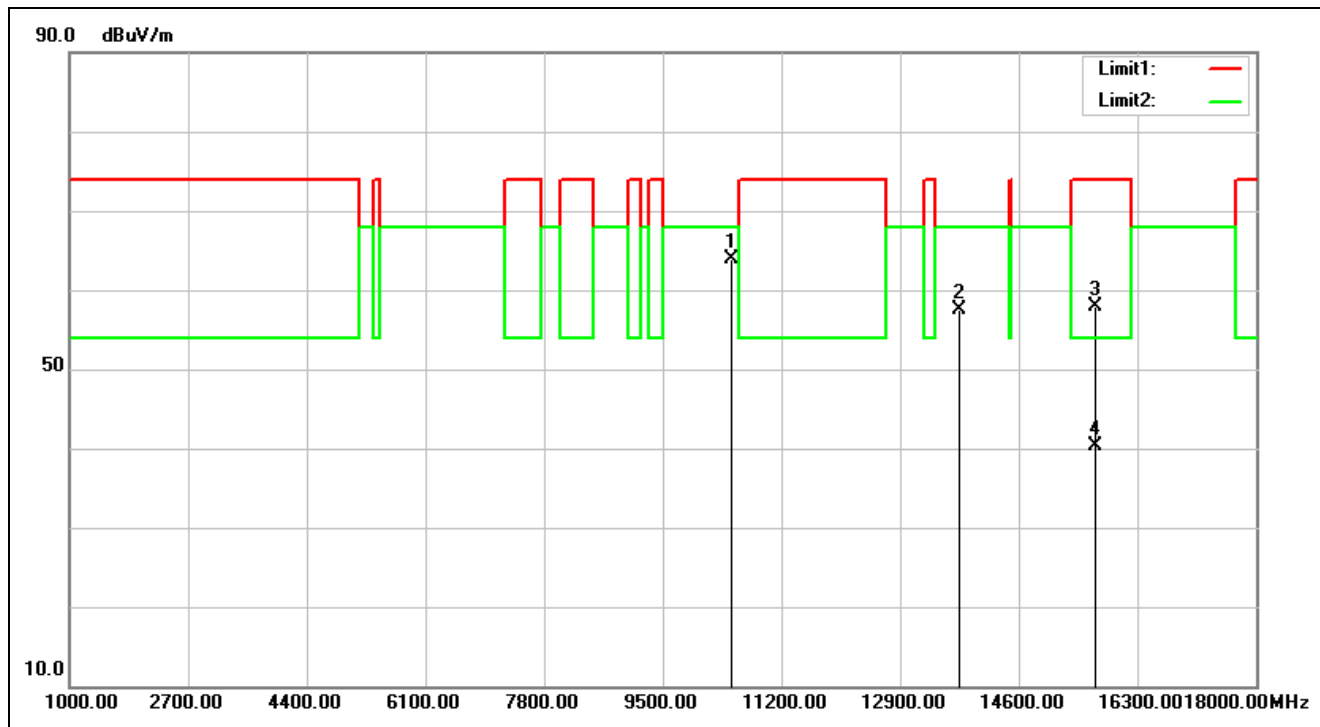
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Test item:	Radiation Emission	Test Time:	2015/7/17 22:09:56
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5220		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	9823.000	7.03	45.91	52.94	68.00	-15.06	peak	100	65	
2	10440.000	6.18	55.94	62.12	68.00	-5.88	peak			
3	15660.000	13.18	45.32	58.50	74.00	-15.50	peak			
4	15660.000	13.18	26.39	39.57	54.00	-14.43	AVG			



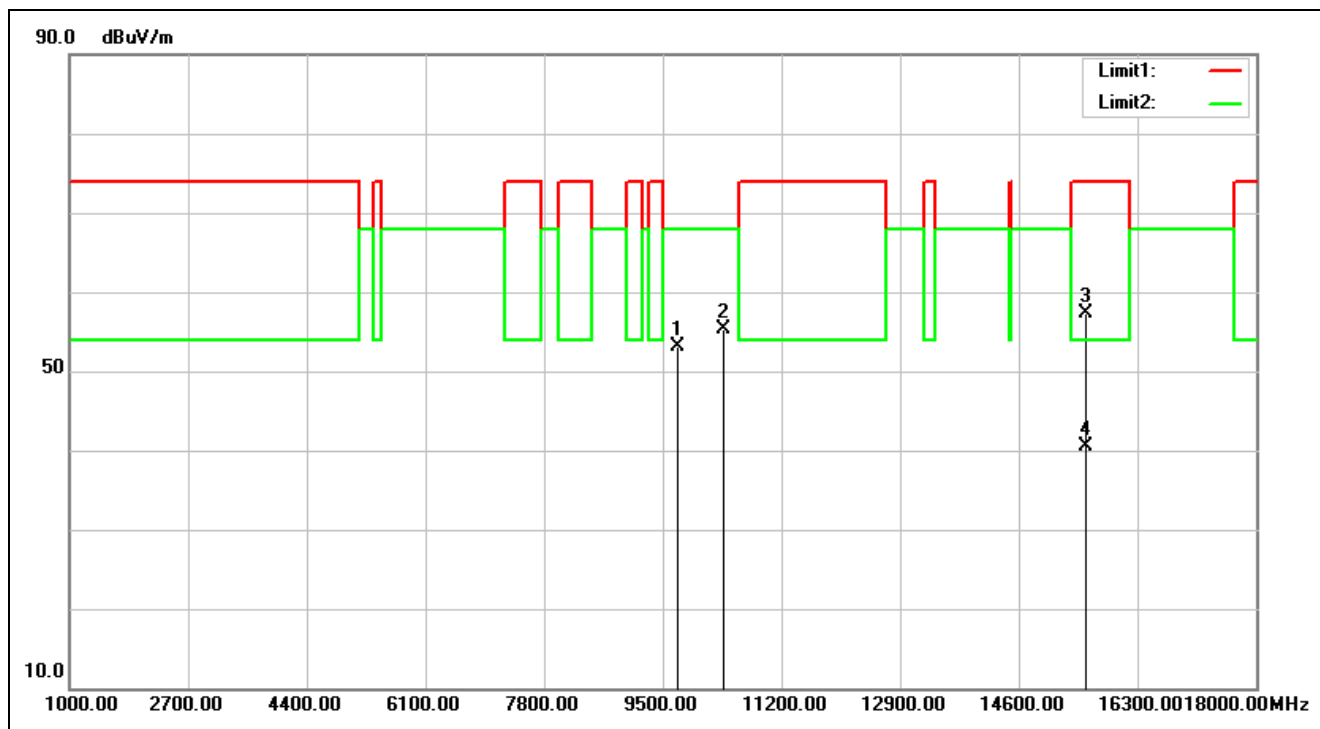
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Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/17 22:20:05
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5240		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	8701.000	7.72	45.02	52.74	68.00	-15.26	peak	100	145	
2	10480.000	6.13	55.81	61.94	68.00	-6.06	peak			
3	15720.000	13.47	44.47	57.94	74.00	-16.06	peak			
4	15720.000	13.47	27.74	41.21	54.00	-12.79	AVG			



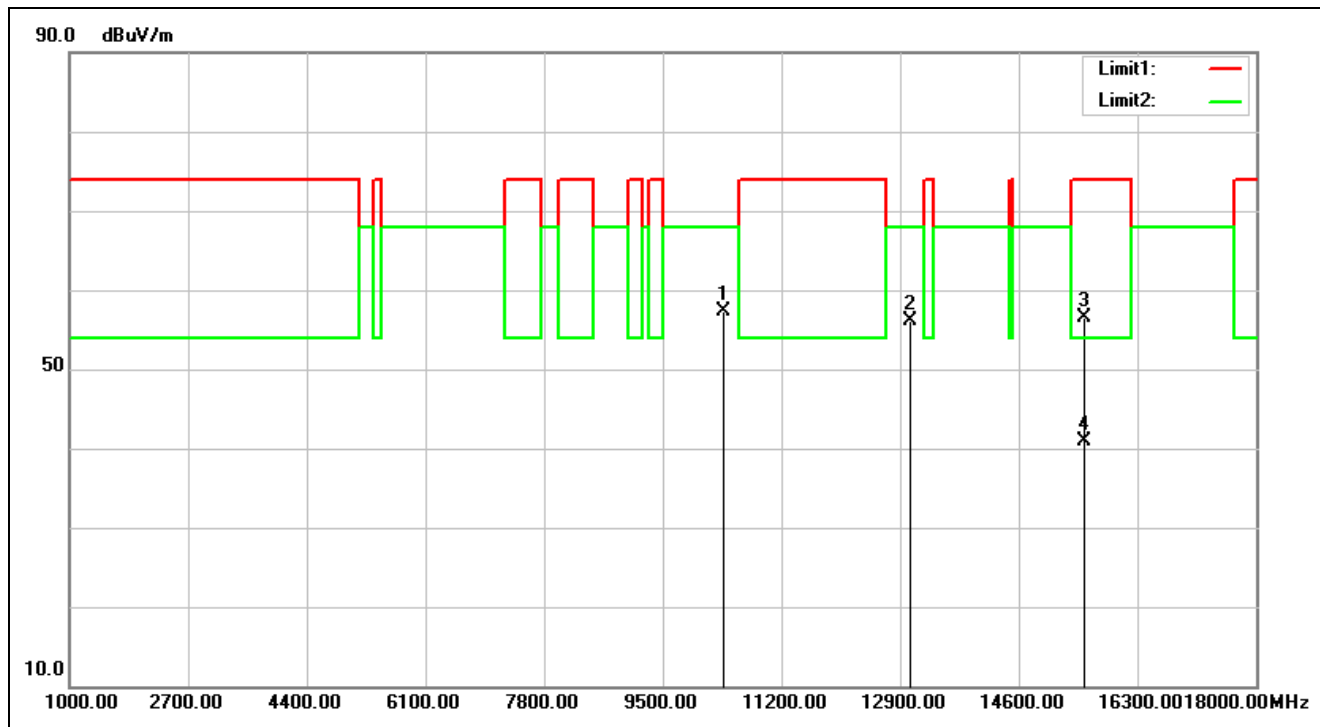
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Test item:	Radiation Emission	Test Time:	2015/7/17 22:21:08
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5240		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	10480.000	6.13	57.81	63.94	68.00	-4.06	peak			
2	13750.000	11.41	46.05	57.46	68.00	-10.54	peak	100	62	
3	15720.000	13.47	44.48	57.95	74.00	-16.05	peak			
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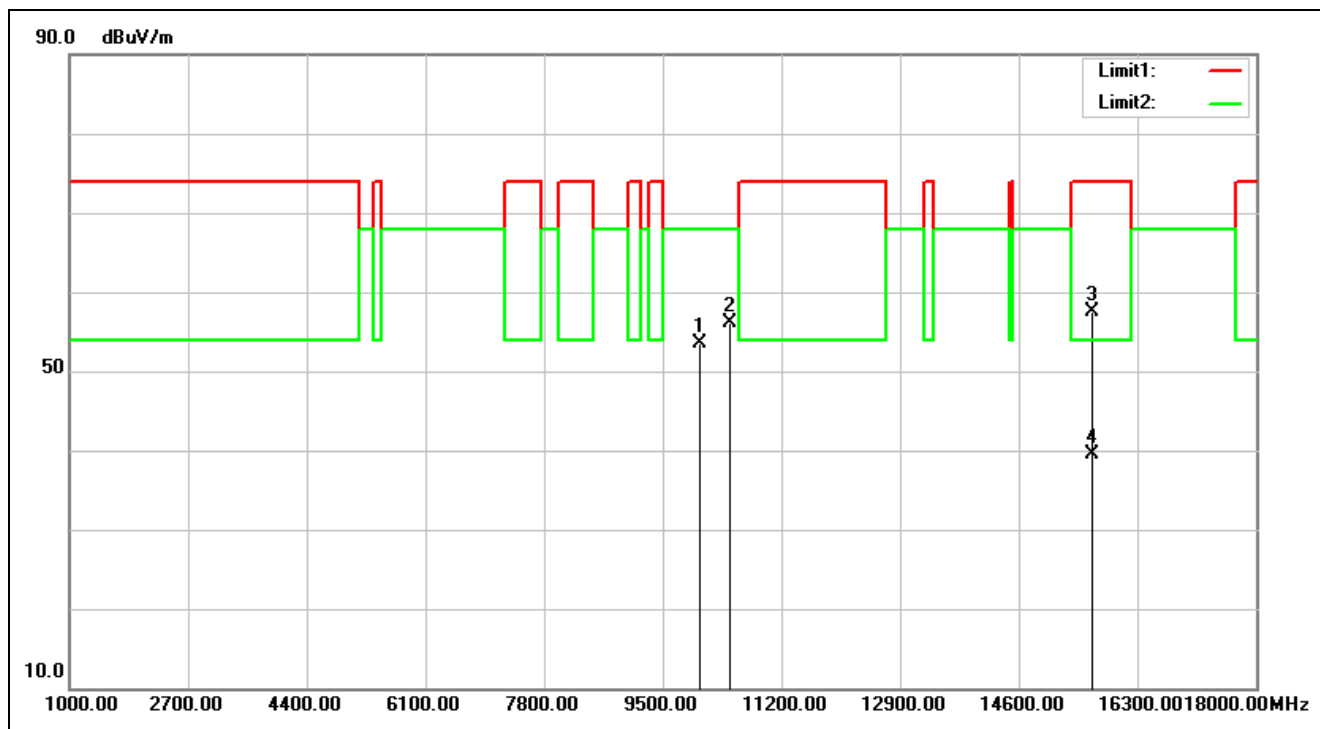
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Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/17 22:00:39
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5180		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	9721.000	7.25	45.84	53.09	68.00	-14.91	peak	100	128	
2	10360.000	6.26	49.13	55.39	68.00	-12.61	peak			
3	15540.000	12.63	44.60	57.23	74.00	-16.77	peak			
4	15540.000	12.63	27.88	40.51	54.00	-13.49	AVG			



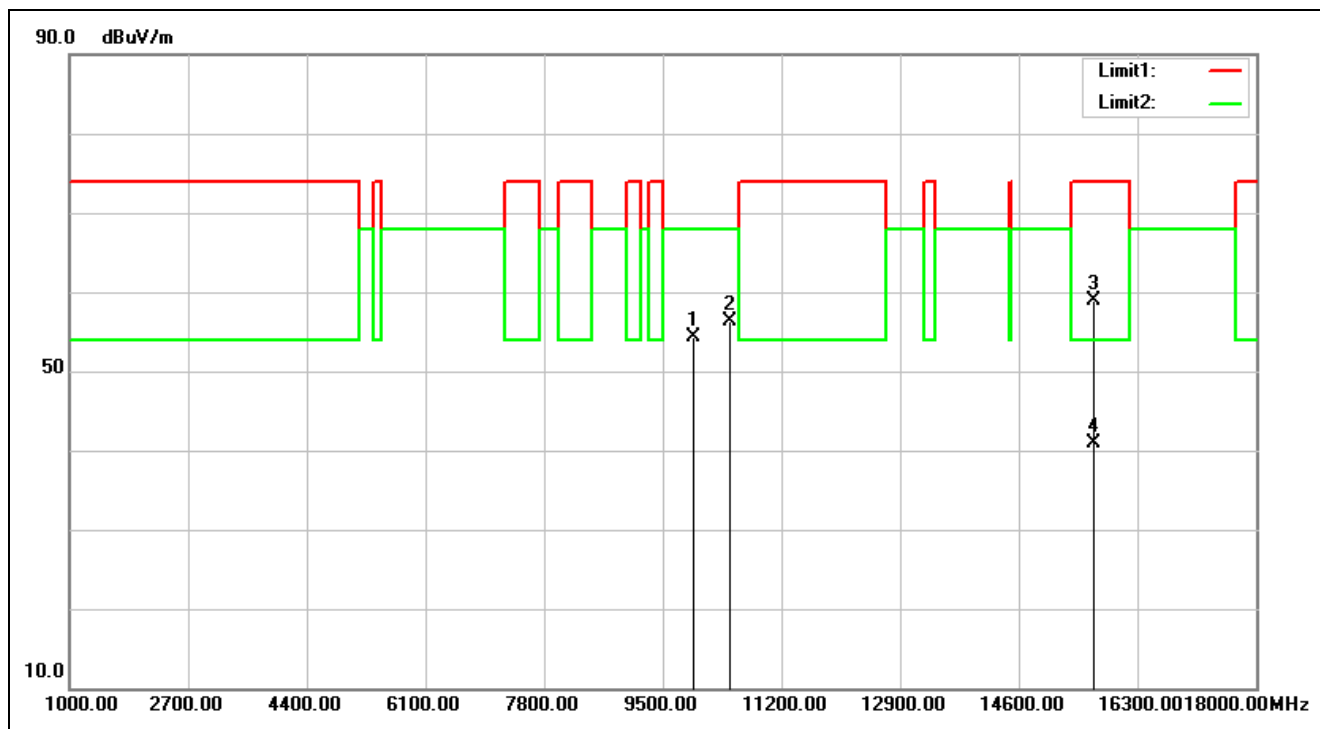
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Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/17 22:01:42
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5180		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	10360.000	6.26	51.07	57.33	68.00	-10.67	peak			
2	13053.000	11.07	45.01	56.08	68.00	-11.92	peak	100	293	
3	15540.000	12.63	43.90	56.53	74.00	-17.47	peak			
4	15540.000	12.63	28.18	40.81	54.00	-13.19	AVG			



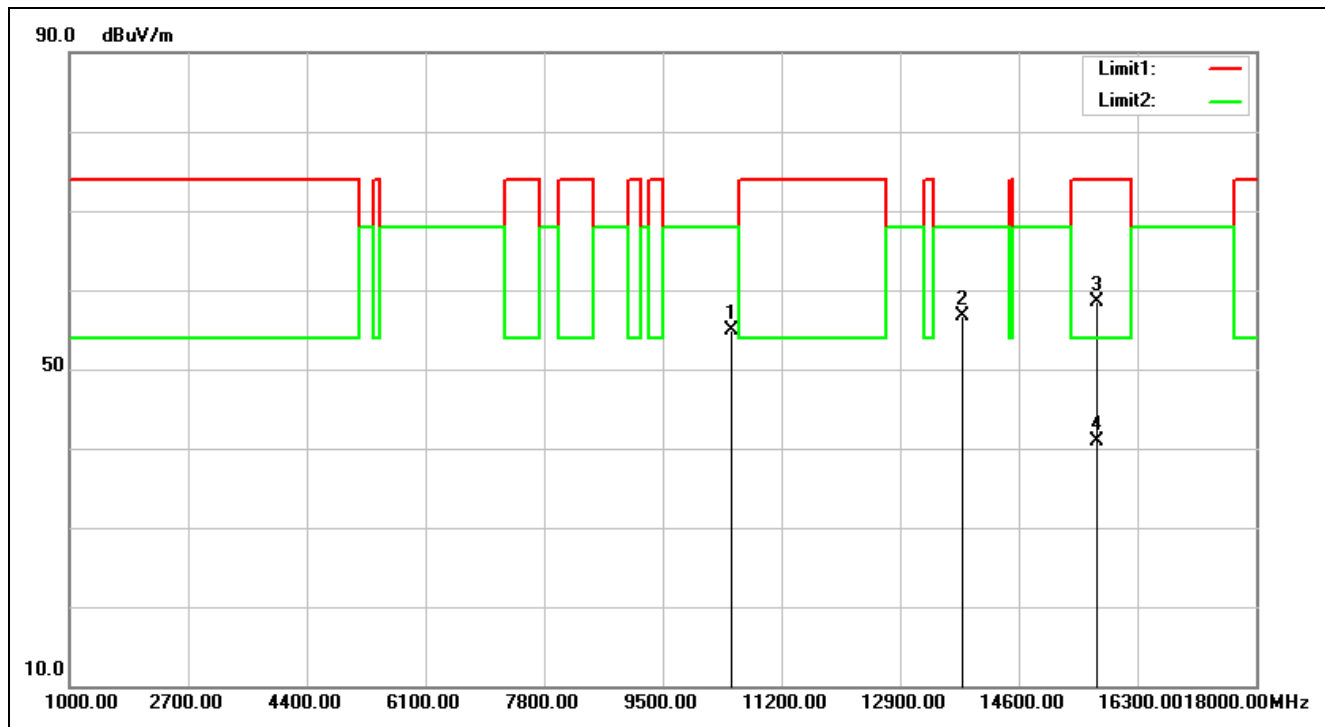
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Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/17 22:12:31
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5220		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	10027.000	6.62	46.89	53.51	68.00	-14.49	peak	100	259	
2	10440.000	6.18	49.90	56.08	68.00	-11.92	peak			
3	15660.000	13.18	44.36	57.54	74.00	-16.46	peak			
4	15660.000	13.18	26.40	39.58	54.00	-14.42	AVG			



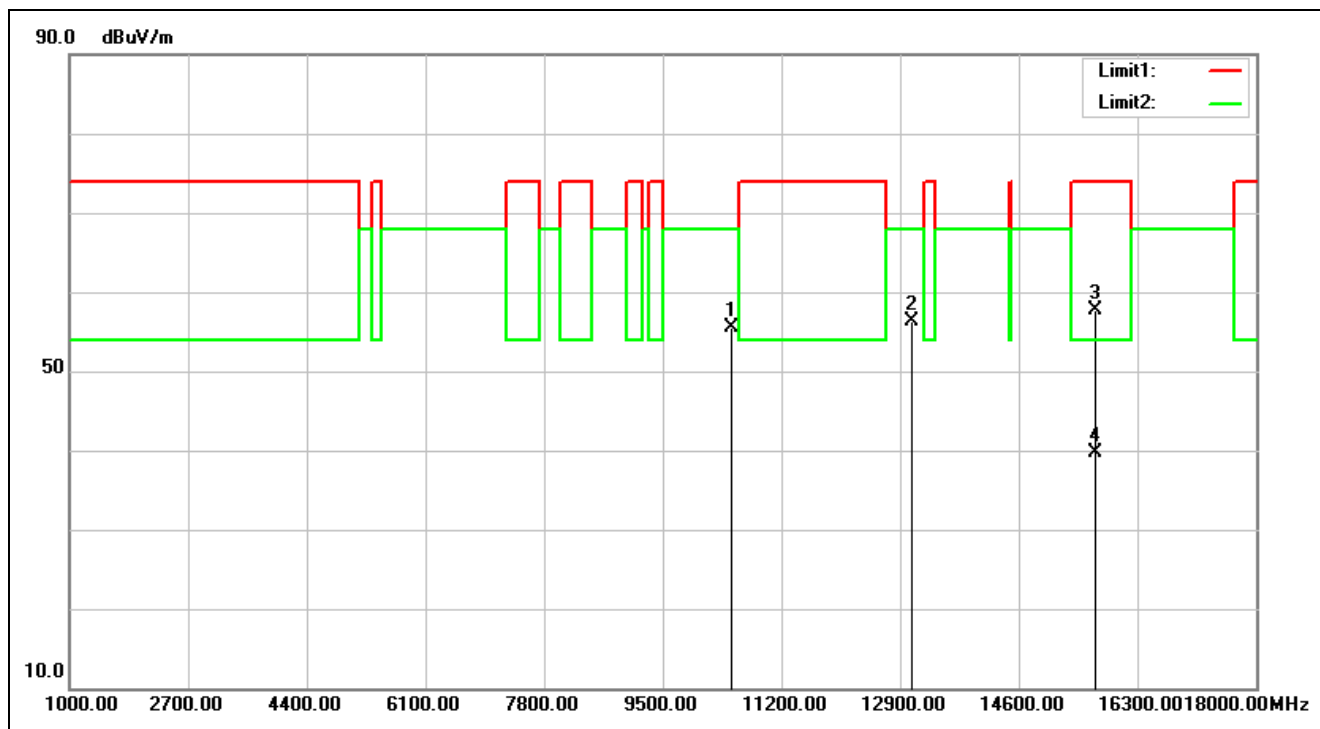
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Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/17 22:13:33
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%)	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5220		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	9942.000	6.78	47.43	54.21	68.00	-13.79	peak	100	171	
2	10440.000	6.18	50.03	56.21	68.00	-11.79	peak			
3	15660.000	13.18	45.77	58.95	74.00	-15.05	peak			
4	15660.000	13.18	27.80	40.98	54.00	-13.02	AVG			



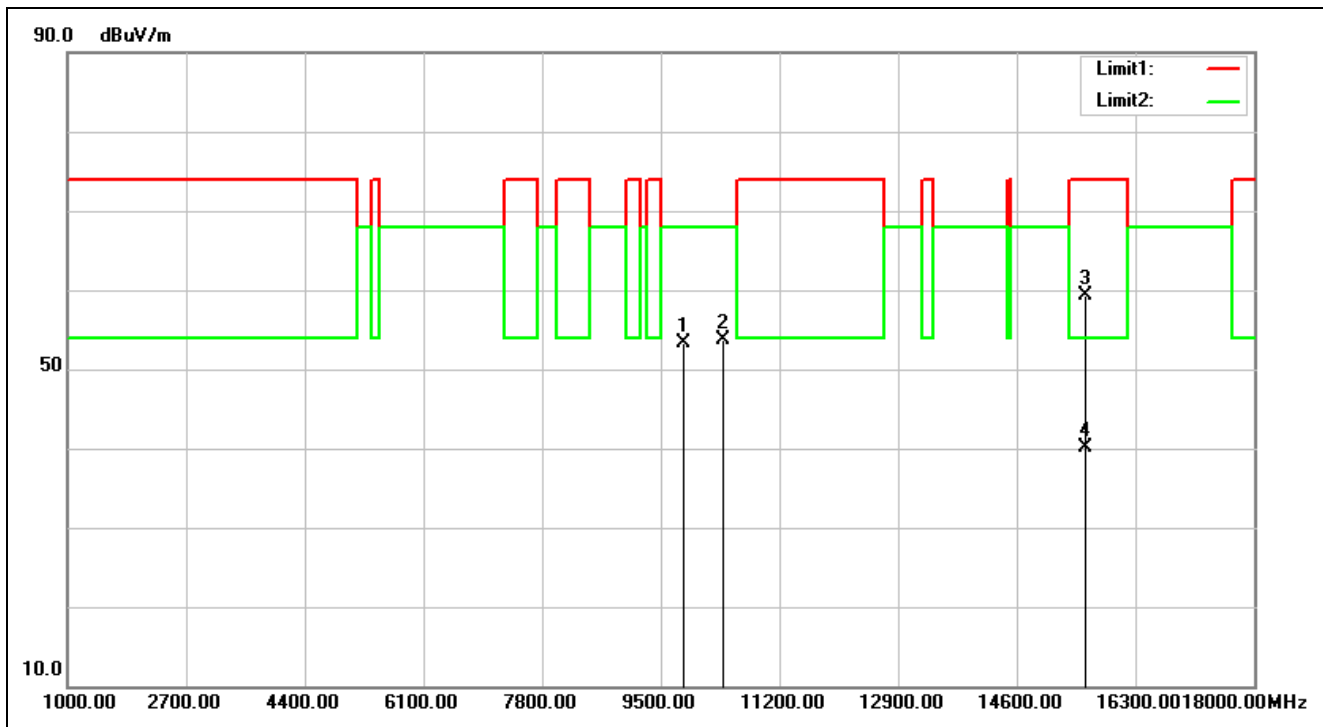
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Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/17 22:23:42
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5240		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	10480.000	6.13	48.84	54.97	68.00	-13.03	peak			
2	13801.000	11.30	45.31	56.61	68.00	-11.39	peak	100	167	
3	15720.000	13.47	45.04	58.51	74.00	-15.49	peak			
4	15720.000	13.47	27.34	40.81	54.00	-13.19	AVG			



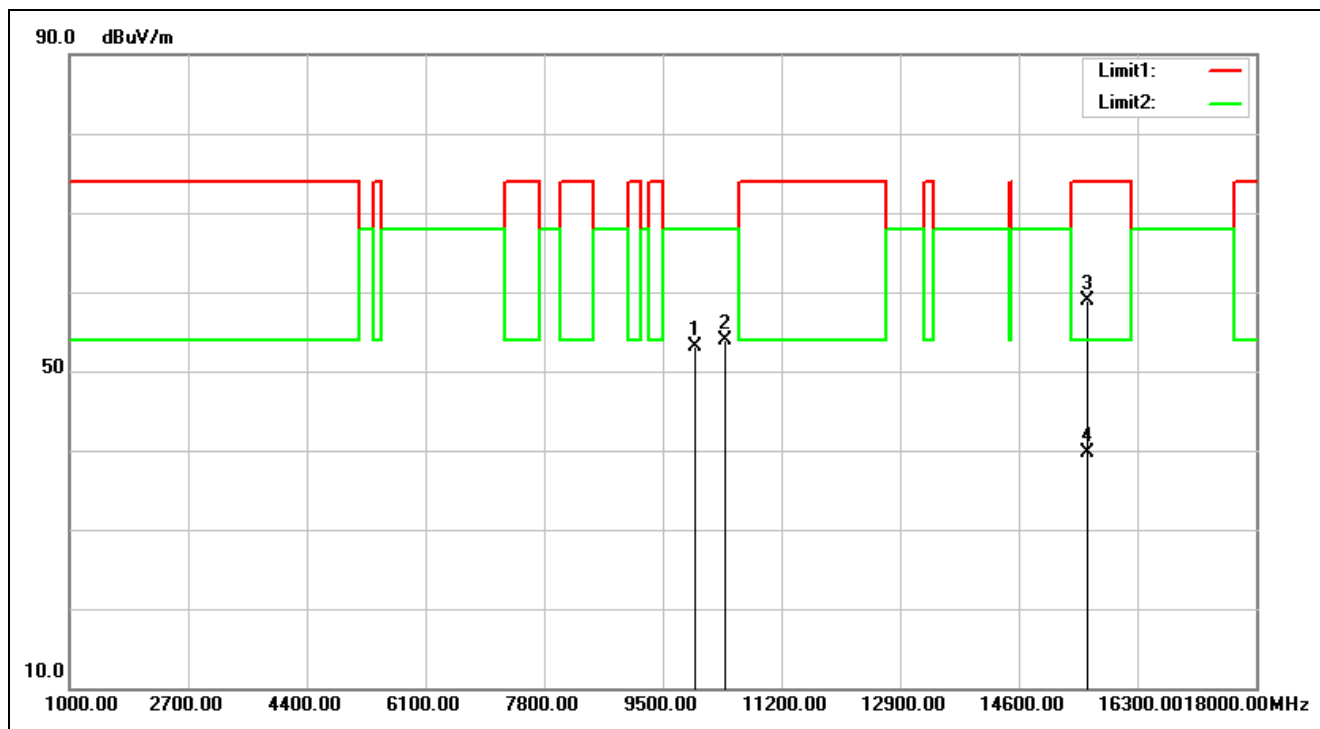
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Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/17 22:24:45
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5240		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	10480.000	6.13	49.43	55.56	68.00	-12.44	peak			
2	13070.000	11.10	45.19	56.29	68.00	-11.71	peak	100	82	
3	15720.000	13.47	44.18	57.65	74.00	-16.35	peak			
4	15720.000	13.47	26.14	39.61	54.00	-14.39	AVG			



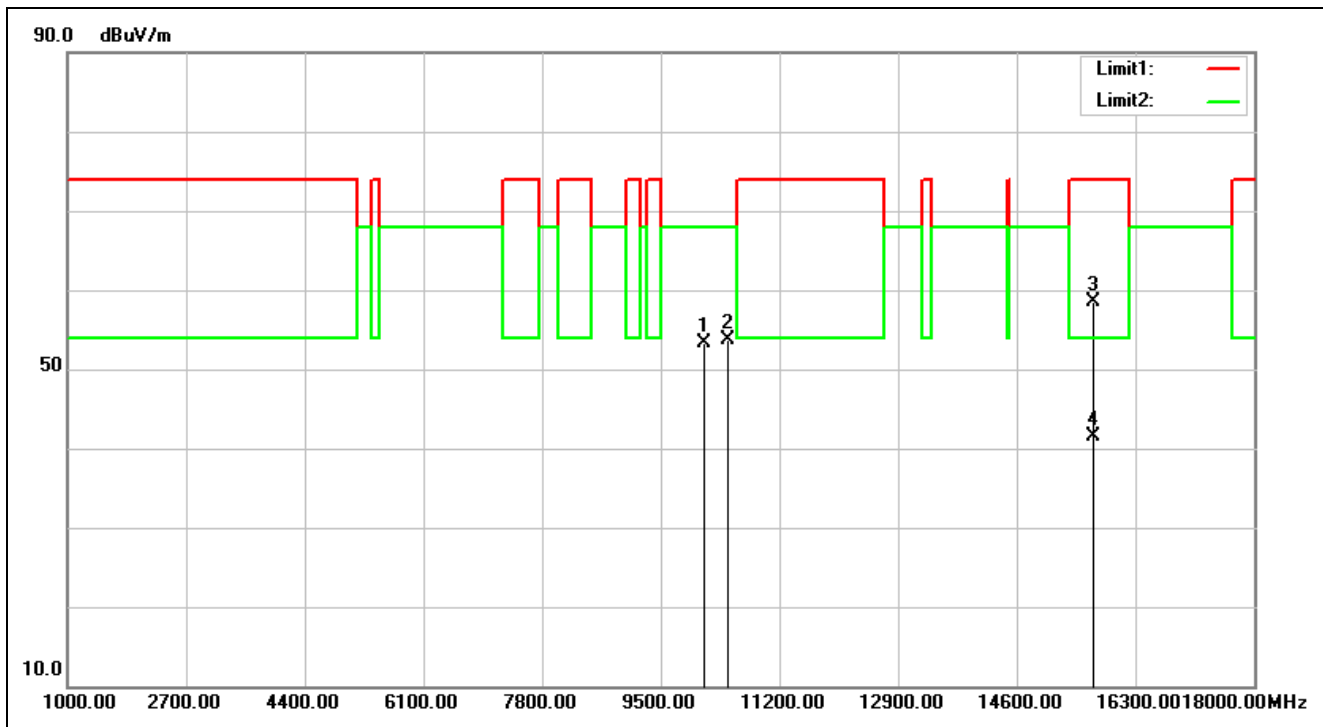
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Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/17 22:04:49
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A40-5190		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	9823.000	7.03	46.21	53.24	68.00	-14.76	peak	100	81	
2	10380.000	6.24	47.41	53.65	68.00	-14.35	peak			
3	15570.000	12.77	46.63	59.40	74.00	-14.60	peak			
4	15570.000	12.77	27.24	40.01	54.00	-13.99	AVG			



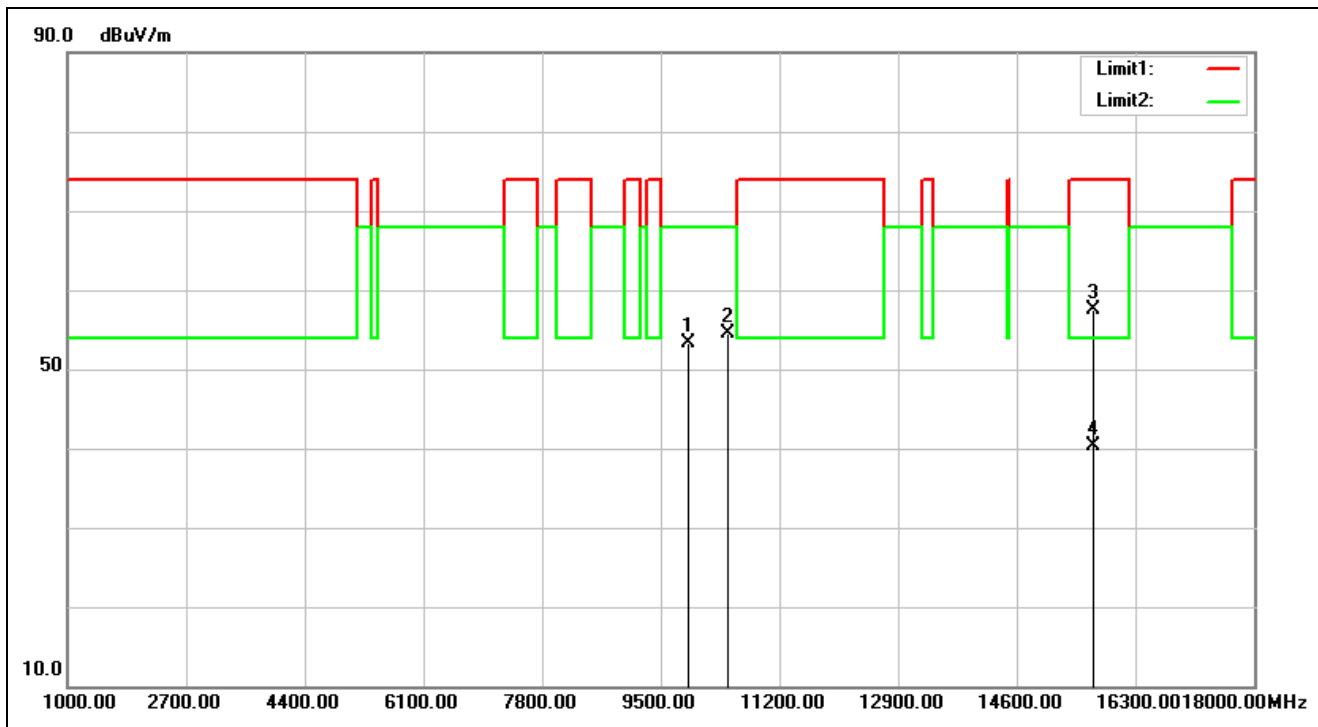
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Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/17 22:05:52
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A40-5190		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	9959.000	6.74	46.32	53.06	68.00	-14.94	peak	100	135	
2	10380.000	6.24	47.62	53.86	68.00	-14.14	peak			
3	15570.000	12.77	46.09	58.86	74.00	-15.14	peak			
4	15570.000	12.77	26.91	39.68	54.00	-14.32	AVG			



Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/17 22:16:08
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A40-5230		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	10129.000	6.51	46.89	53.40	68.00	-14.60	peak	100	93	
2	10460.000	6.16	47.61	53.77	68.00	-14.23	peak			
3	15690.000	13.33	45.24	58.57	74.00	-15.43	peak			
4	15690.000	13.33	28.24	41.57	54.00	-12.43	AVG			



Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/17 22:17:11
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%)	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A40-5230		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	9891.000	6.88	46.40	53.28	68.00	-14.72	peak	100	68	
2	10460.000	6.16	48.25	54.41	68.00	-13.59	peak			
3	15690.000	13.33	44.18	57.51	74.00	-16.49	peak			
4	15690.000	13.33	27.06	40.39	54.00	-13.61	AVG			

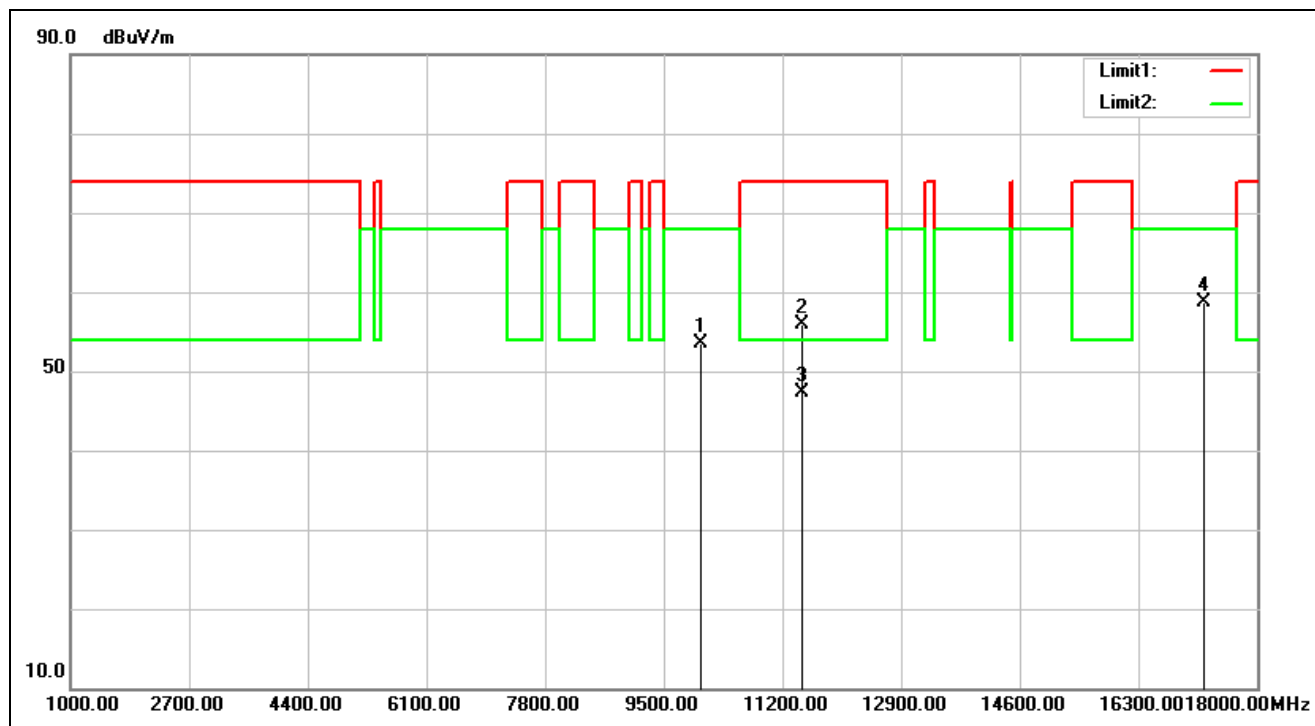
Spurious Emissions, TX Mode, 1-18G , 5470-5725MHz



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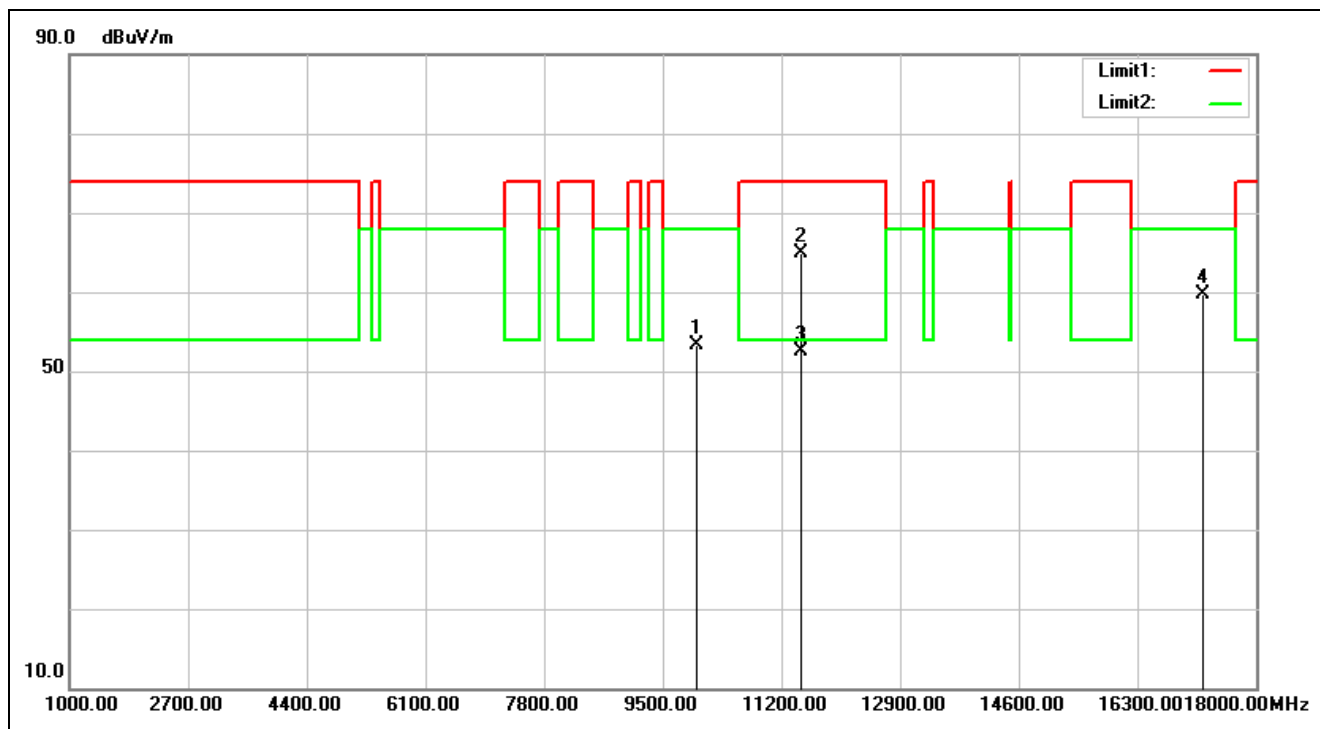
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/17 22:31:09
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%)	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5745		
Remark:			

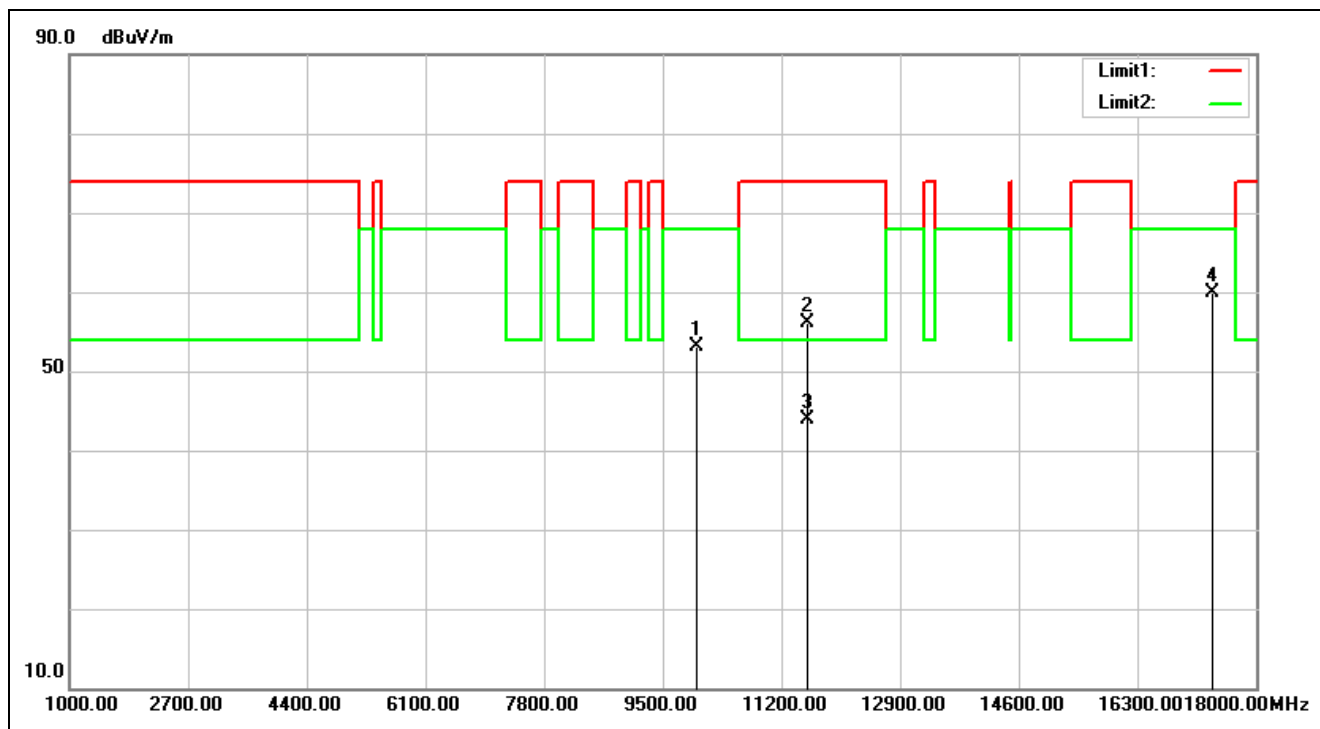
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	10027.000	6.62	46.85	53.47	68.00	-14.53	peak	100	102	
2	11490.000	5.79	50.12	55.91	74.00	-18.09	peak		0	
3	11490.000	5.79	41.49	47.28	54.00	-6.72	AVG		0	
4	17235.000	16.80	41.98	58.78	68.00	-9.22	peak		0	

Spurious Emissions, TX Mode, 18-26G



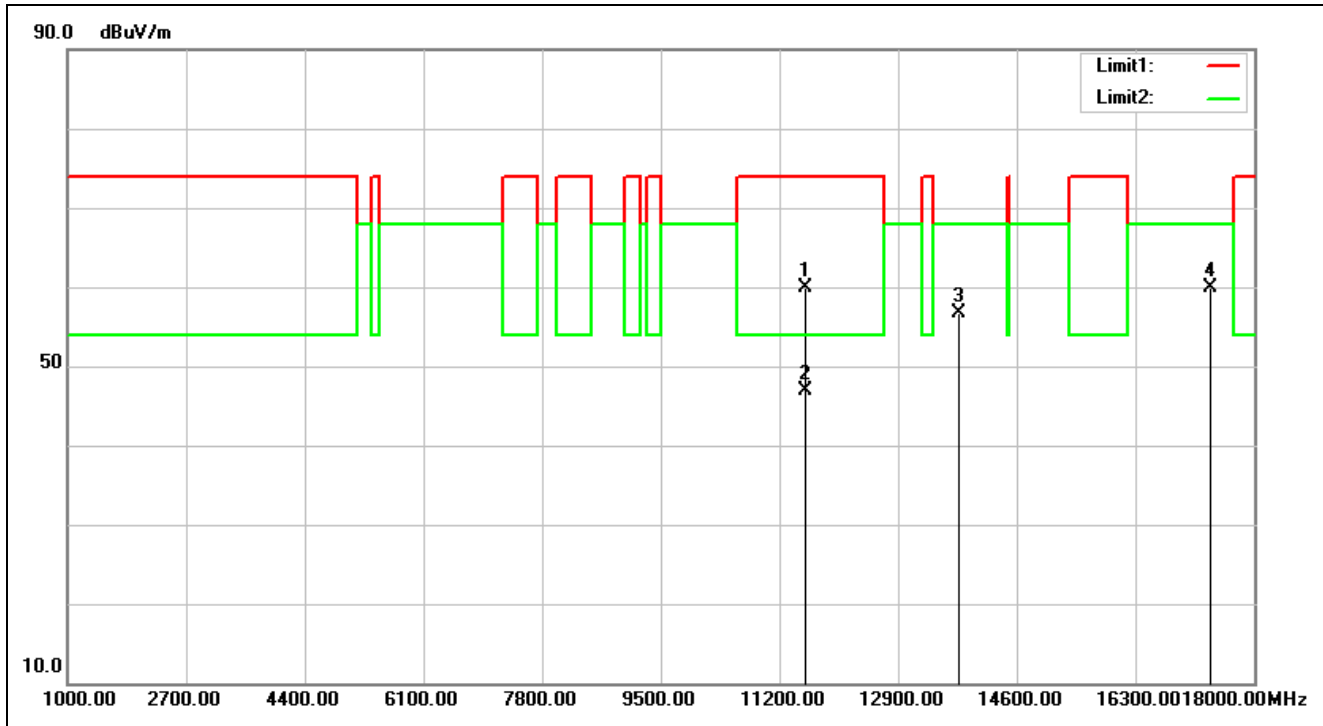
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/17 22:32:12
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5745		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	9976.000	6.70	46.59	53.29	68.00	-14.71	peak	100	162	
2	11490.000	5.79	59.21	65.00	74.00	-9.00	peak	100	2	
3	11490.000	5.79	46.68	52.47	54.00	-1.53	AVG	100	2	
4	17235.000	16.80	42.86	59.66	68.00	-8.34	peak			



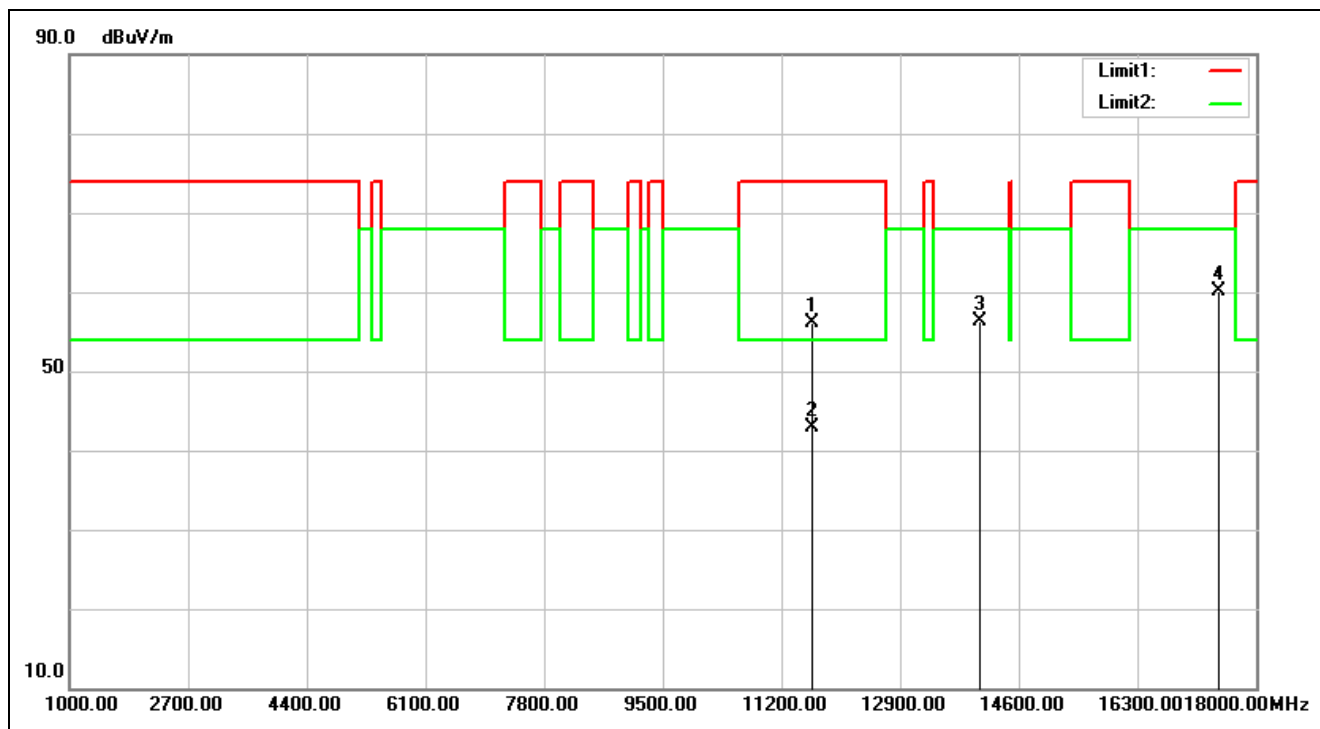
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/17 22:46:55
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5785		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	9993.000	6.66	46.37	53.03	68.00	-14.97	peak	100	229	
2	11570.000	6.12	50.03	56.15	74.00	-17.85	peak			
3	11570.000	6.12	37.72	43.84	54.00	-10.16	AVG			
4	17355.000	16.64	43.25	59.89	68.00	-8.11	peak			



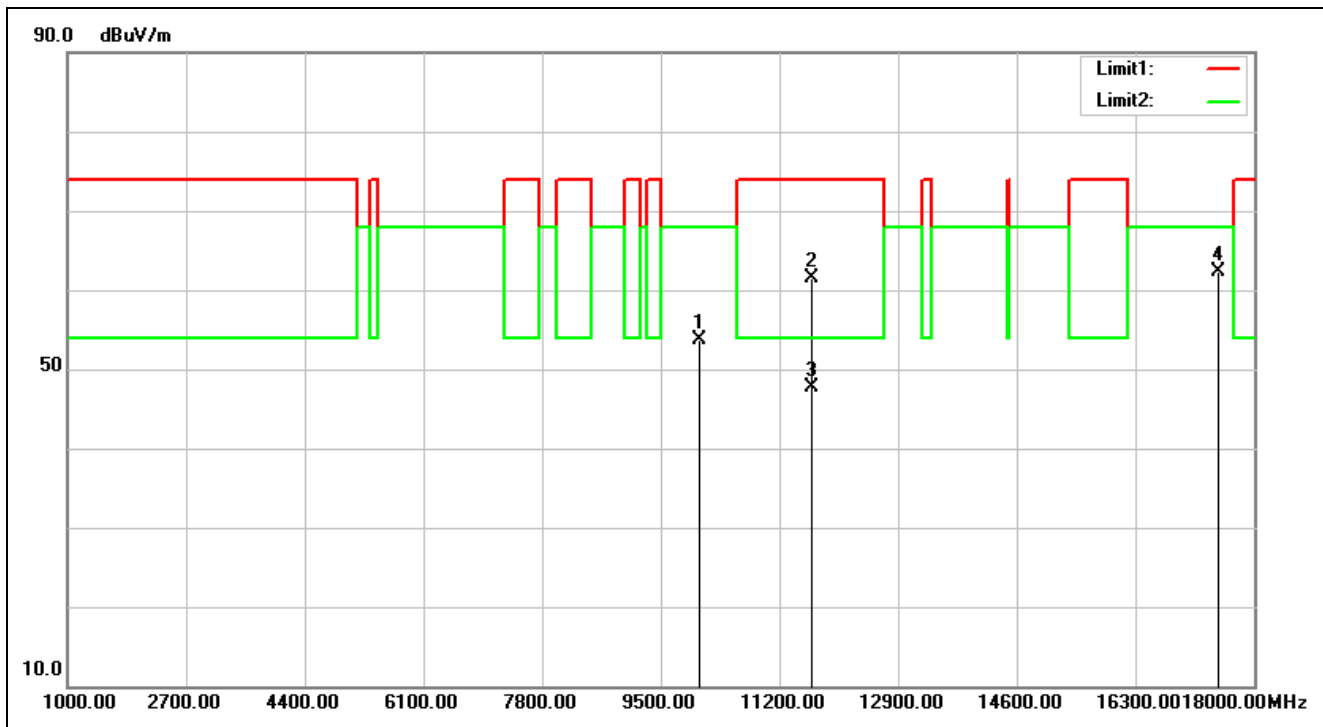
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/17 22:47:58
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5785		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	11570.000	6.12	53.72	59.84	74.00	-14.16	peak			
2	11570.000	6.12	40.85	46.97	54.00	-7.03	AVG			
3	13767.000	11.37	45.38	56.75	68.00	-11.25	peak	100	340	
4	17355.000	16.64	43.20	59.84	68.00	-8.16	peak			



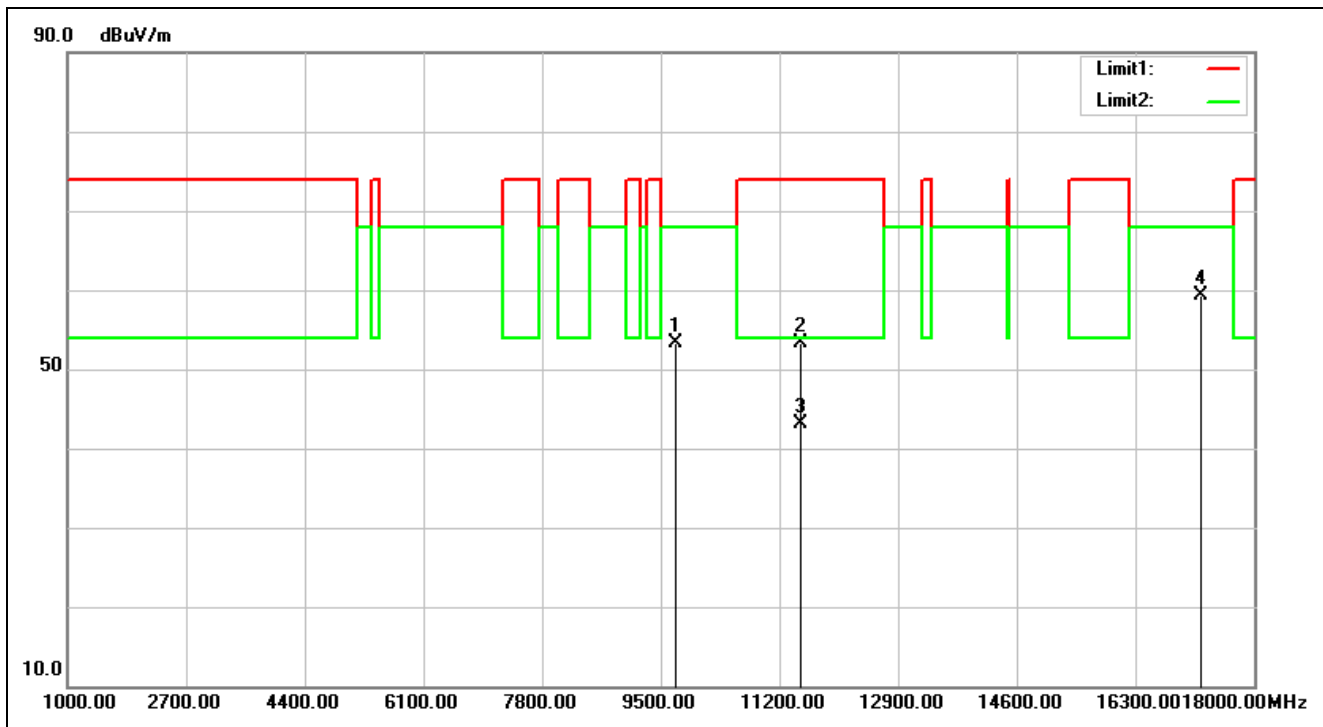
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/17 22:57:55
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%)	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5825		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	11650.000	6.48	49.57	56.05	74.00	-17.95	peak			
2	11650.000	6.48	36.33	42.81	54.00	-11.19	AVG			
3	14039.000	10.97	45.43	56.40	68.00	-11.60	peak	100	182	
4	17475.000	16.48	43.65	60.13	68.00	-7.87	peak			



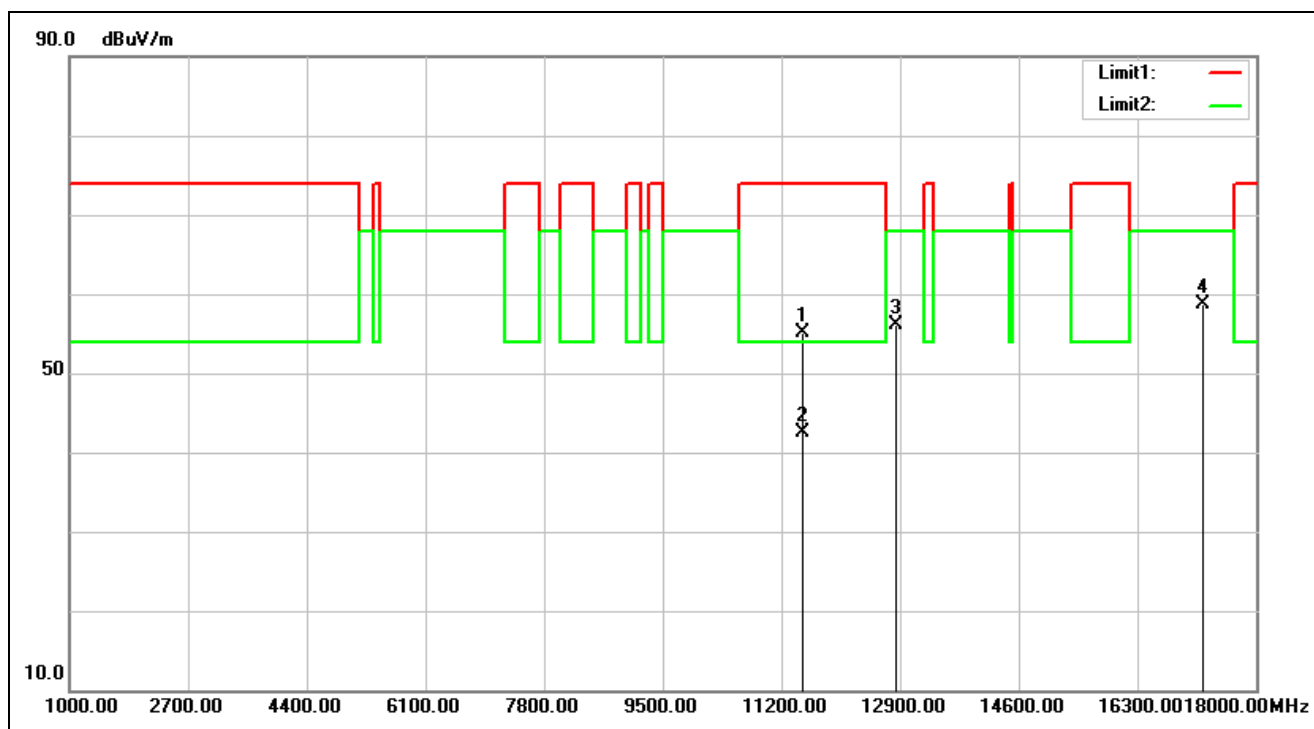
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/17 22:58:57
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5825		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	10061.000	6.58	47.18	53.76	68.00	-14.24	peak	100	37	
2	11650.000	6.48	55.10	61.58	74.00	-12.42	peak			
3	11650.000	6.48	41.13	47.61	54.00	-6.39	AVG			
4	17475.000	16.48	45.86	62.34	68.00	-5.66	peak			



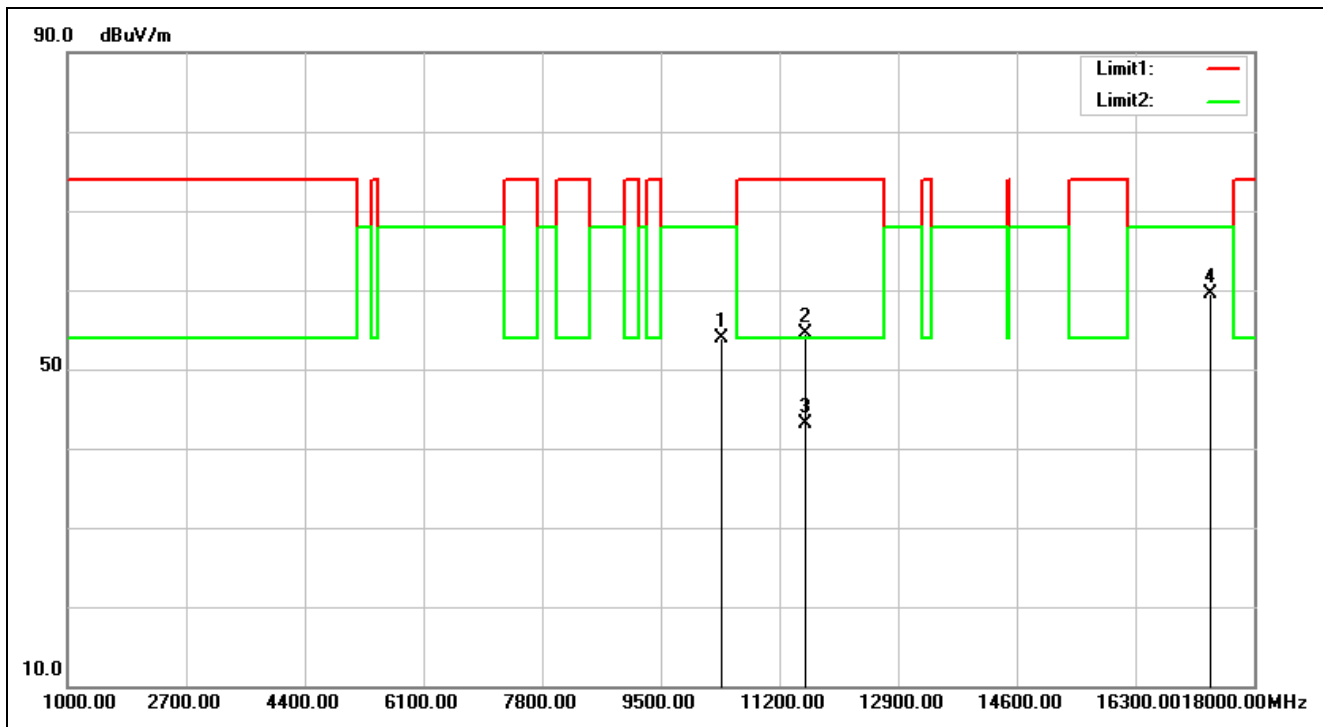
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/17 22:36:12
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5745		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	9704.000	7.28	46.12	53.40	68.00	-14.60	peak	100	248	
2	11490.000	5.79	47.48	53.27	74.00	-20.73	peak			
3	11490.000	5.79	37.31	43.10	54.00	-10.90	AVG			
4	17235.000	16.80	42.60	59.40	68.00	-8.60	peak			



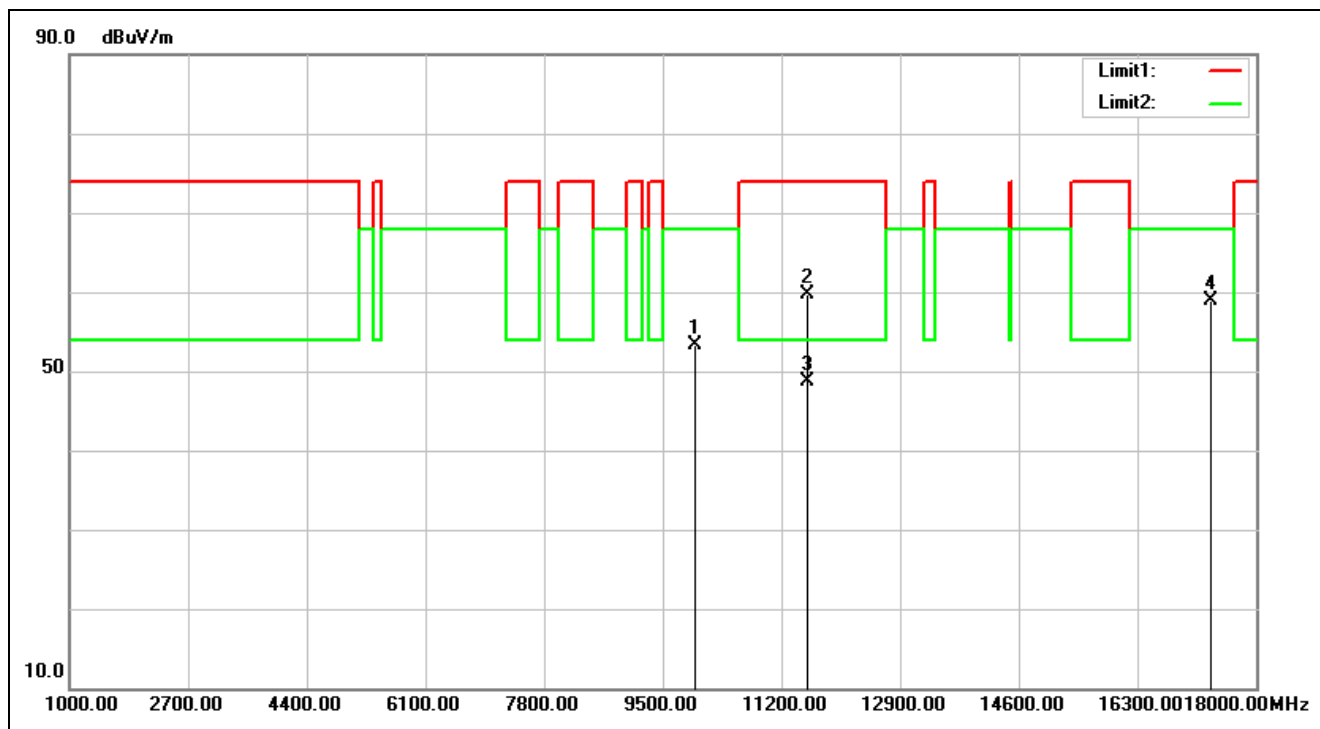
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/17 22:37:15
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5745		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	11490.000	5.79	49.24	55.03	74.00	-18.97	peak			
2	11490.000	5.79	36.78	42.57	54.00	-11.43	AVG			
3	12832.000	10.73	45.29	56.02	68.00	-11.98	peak	100	315	
4	17235.000	16.80	41.99	58.79	68.00	-9.21	peak			



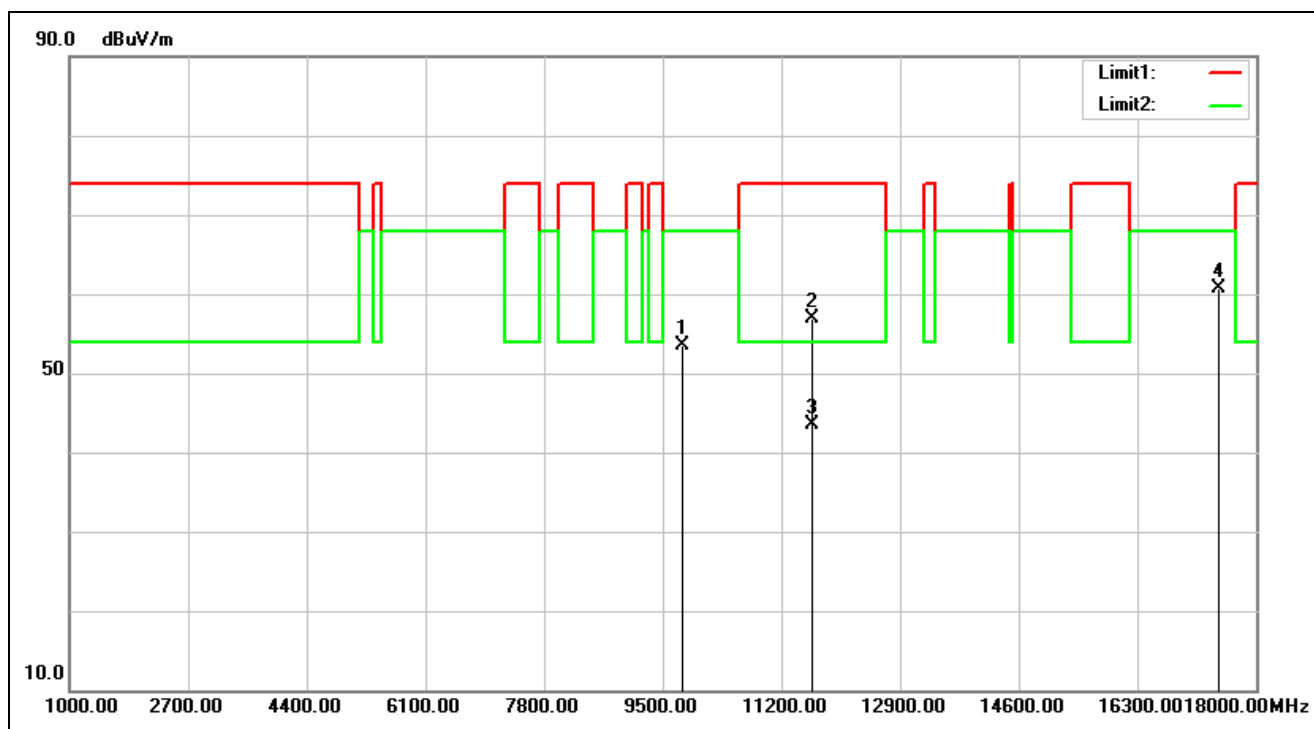
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/17 22:49:59
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5785		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	10367.000	6.25	47.75	54.00	68.00	-14.00	peak	100	358	
2	11570.000	6.12	48.45	54.57	74.00	-19.43	peak			
3	11570.000	6.12	37.04	43.16	54.00	-10.84	AVG			
4	17355.000	16.64	42.91	59.55	68.00	-8.45	peak			



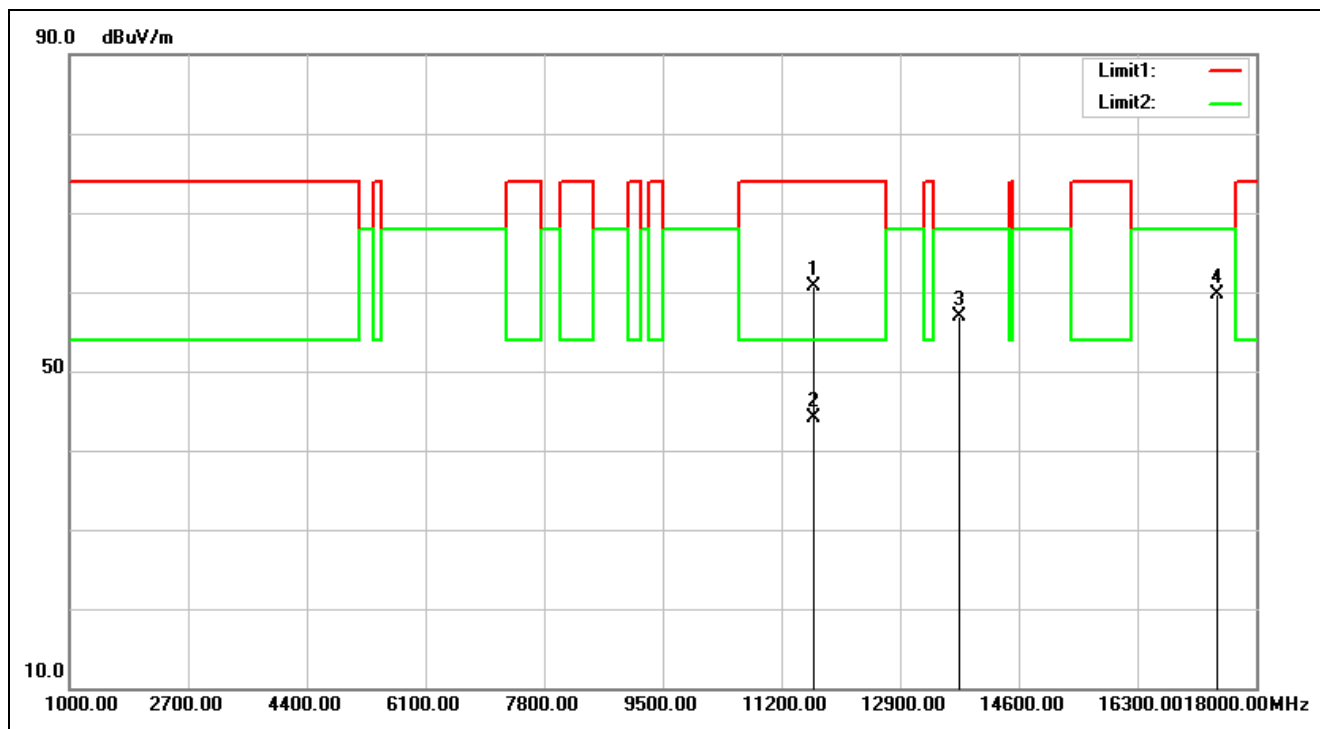
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/17 22:51:02
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5785		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	9959.000	6.74	46.66	53.40	68.00	-14.60	peak	100	112	
2	11570.000	6.12	53.55	59.67	74.00	-14.33	peak			
3	11570.000	6.12	42.59	48.71	54.00	-5.29	AVG			
4	17355.000	16.64	42.34	58.98	68.00	-9.02	peak			



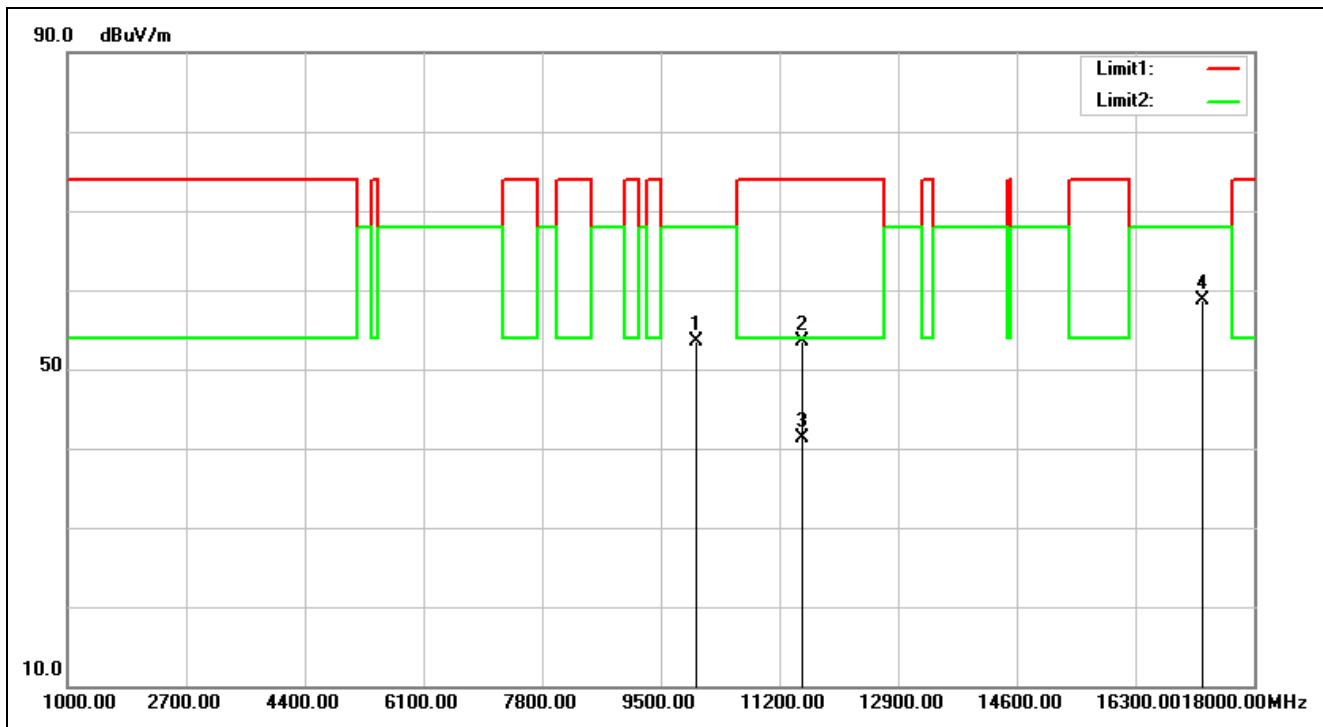
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/17 23:00:56
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5825		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	9772.000	7.14	46.42	53.56	68.00	-14.44	peak			
2	11650.000	6.48	50.38	56.86	74.00	-17.14	peak			
3	11650.000	6.48	37.09	43.57	54.00	-10.43	AVG			
4	17475.000	16.48	44.25	60.73	68.00	-7.27	peak			



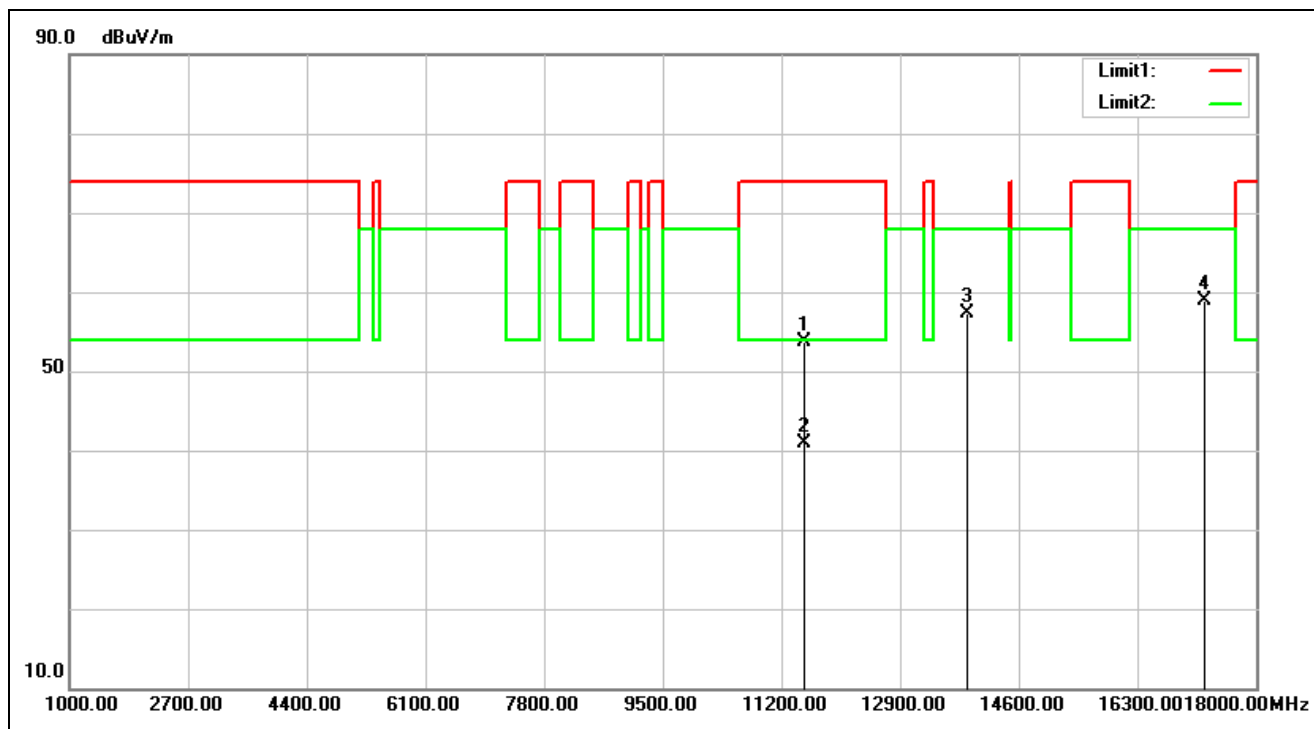
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/17 23:02:28
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5825		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	11650.000	6.48	54.23	60.71	74.00	-13.29	peak			
2	11650.000	6.48	37.55	44.03	54.00	-9.97	AVG			
3	13750.000	11.40	45.42	56.82	68.00	-11.18	peak			
4	17425.000	16.54	43.19	59.73	68.00	-8.27	peak			



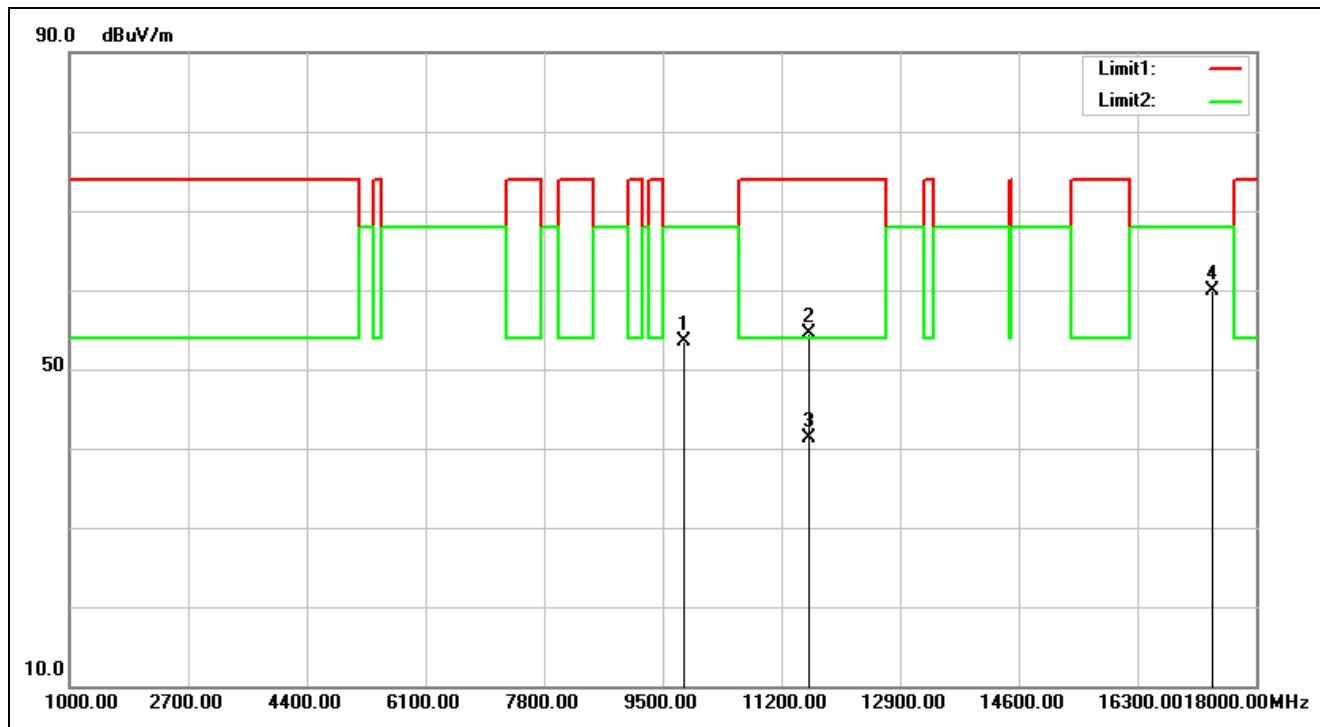
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/17 22:39:40
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A40-5755		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	10010.000	6.65	46.89	53.54	68.00	-14.46	peak	100	357	
2	11510.000	5.85	47.66	53.51	74.00	-20.49	peak			
3	11510.000	5.85	35.40	41.25	54.00	-12.75	AVG			
4	17265.000	16.77	41.93	58.70	68.00	-9.30	peak			



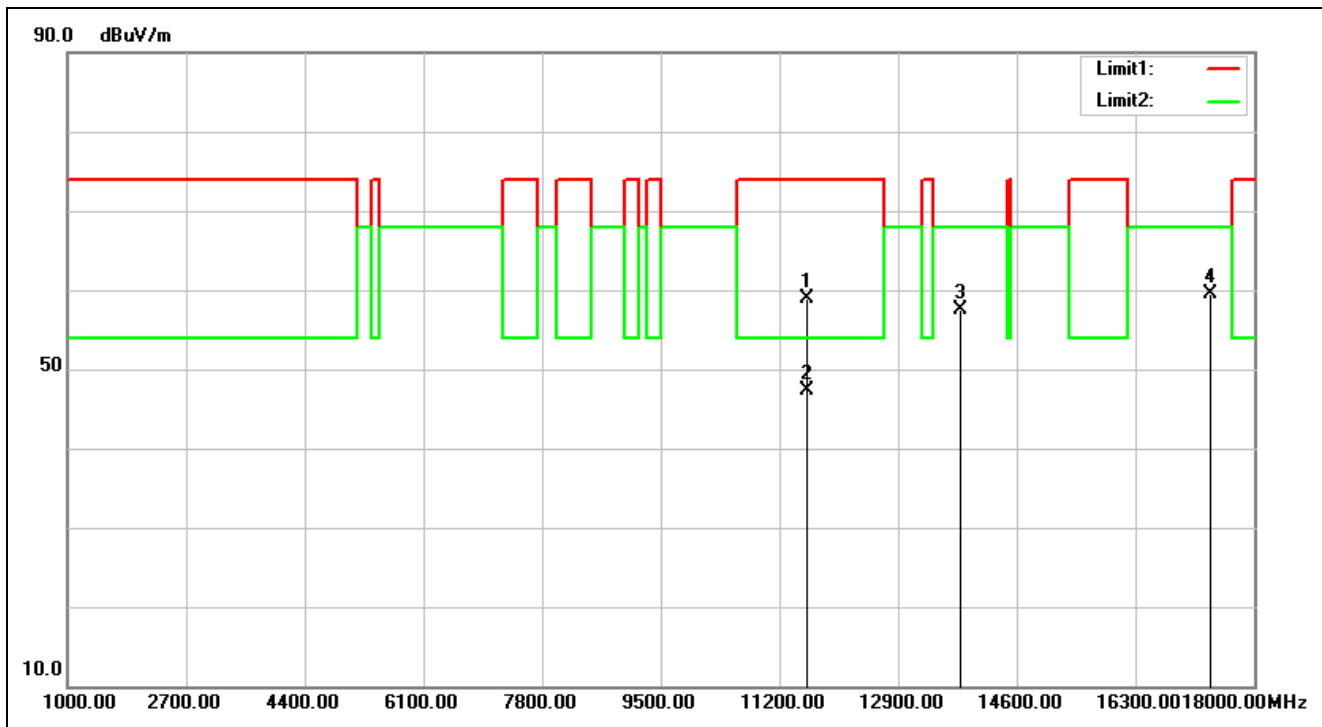
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/17 22:40:43
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A40-5755		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	11510.000	5.85	47.93	53.78	74.00	-20.22	peak			
2	11510.000	5.85	35.14	40.99	54.00	-13.01	AVG			
3	13869.000	11.18	46.16	57.34	68.00	-10.66	peak	100	135	
4	17265.000	16.77	42.08	58.85	68.00	-9.15	peak			



Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/17 22:53:30
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A40-5795		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	9806.000	7.06	46.36	53.42	68.00	-14.58	peak	100	167	
2	11590.000	6.21	48.32	54.53	74.00	-19.47	peak			
3	11590.000	6.21	35.02	41.23	54.00	-12.77	AVG			
4	17385.000	16.60	43.29	59.89	68.00	-8.11	peak			



Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	NCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/17 22:54:33
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A40-5795		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	11590.000	6.21	52.66	58.87	74.00	-15.13	peak			
2	11590.000	6.21	41.03	47.24	54.00	-6.76	AVG			
3	13784.000	11.34	46.09	57.43	68.00	-10.57	peak	100	268	
4	17385.000	16.60	42.95	59.55	68.00	-8.45	peak			

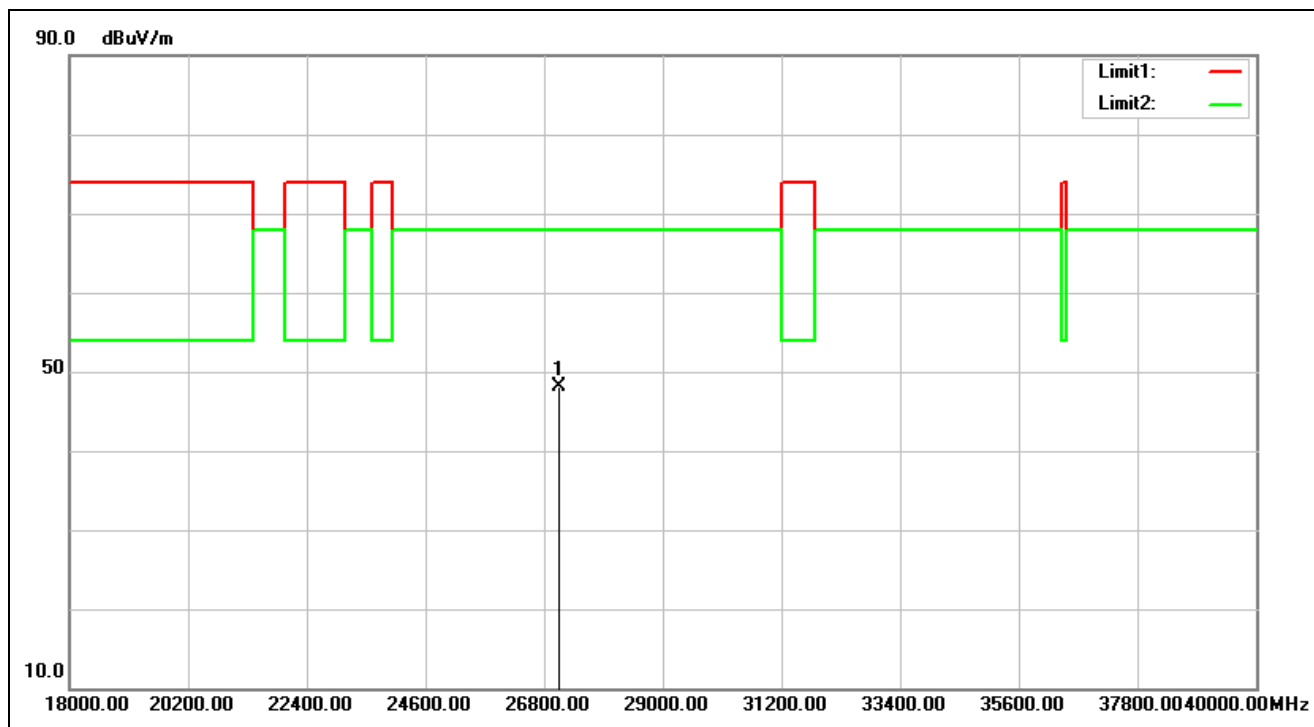
Spurious Emissions, TX Mode, 18-40G,5150-5250MHz



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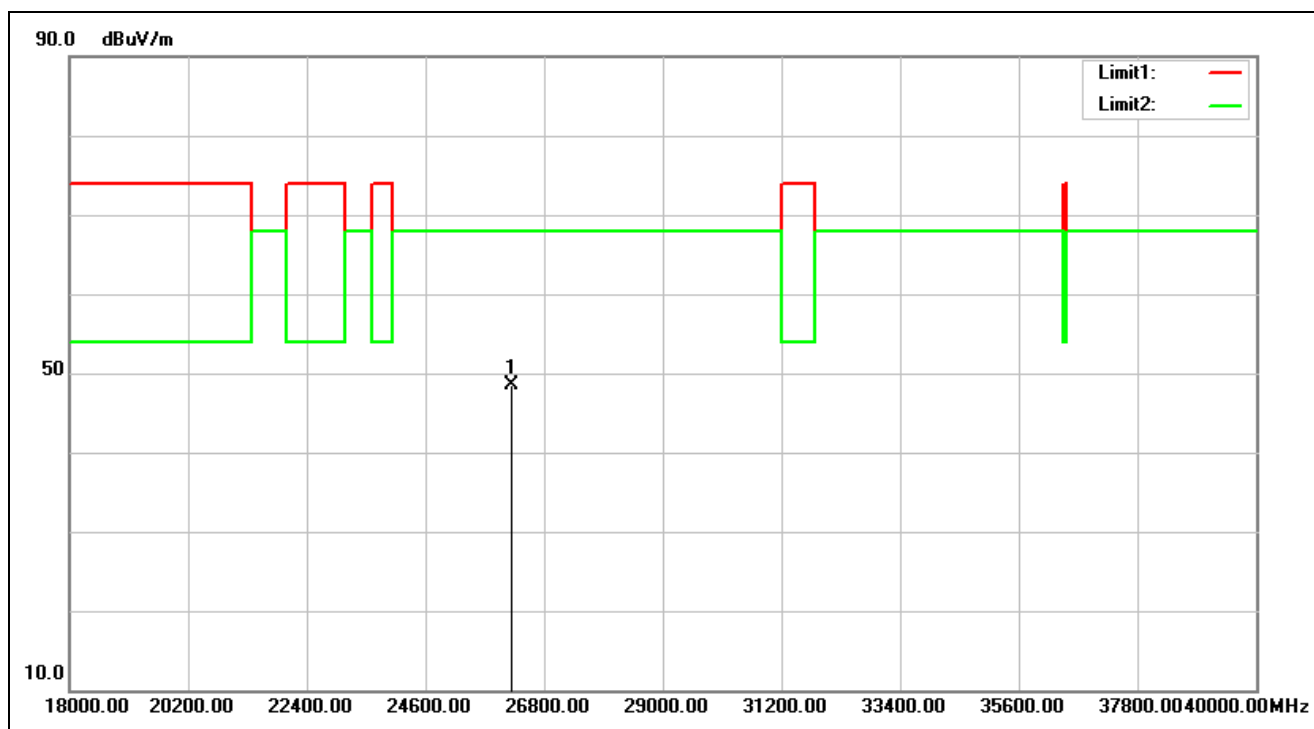
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



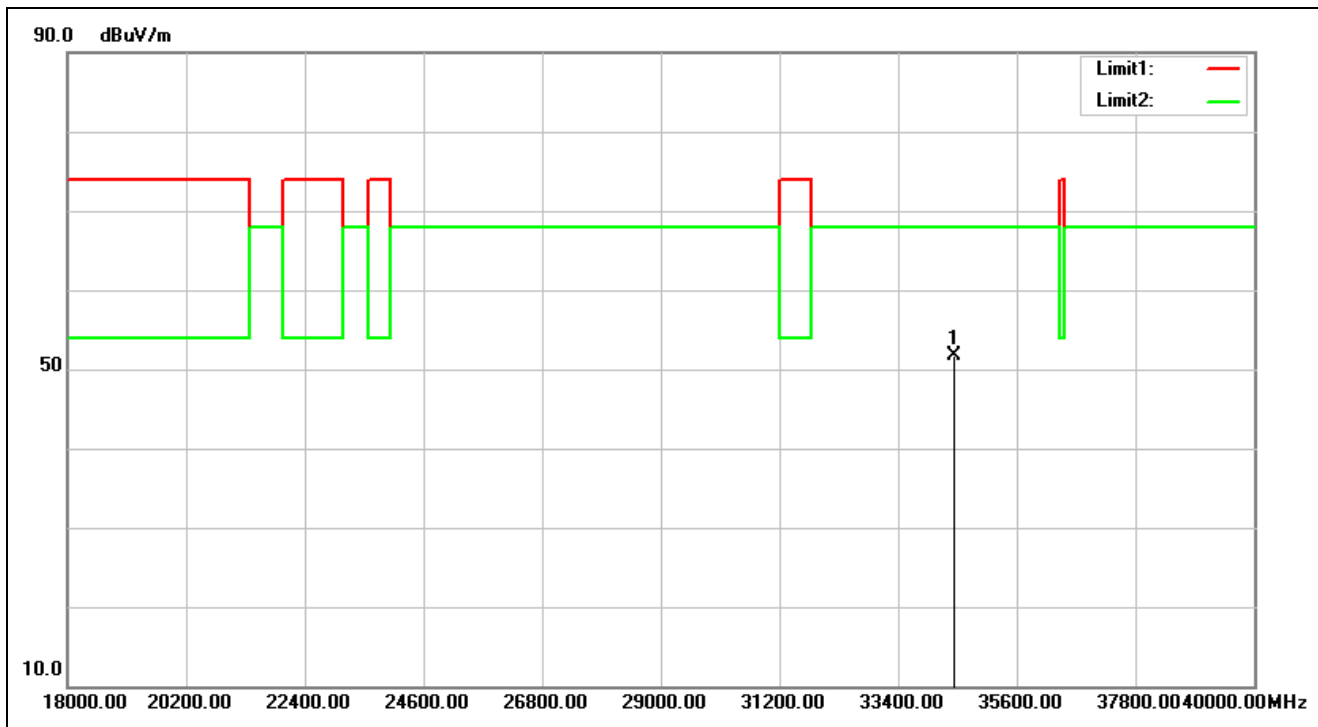
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/16 22:53:01
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%)	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5180		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	27064.000	30.70	17.47	48.17	68.00	-19.83	peak		0	



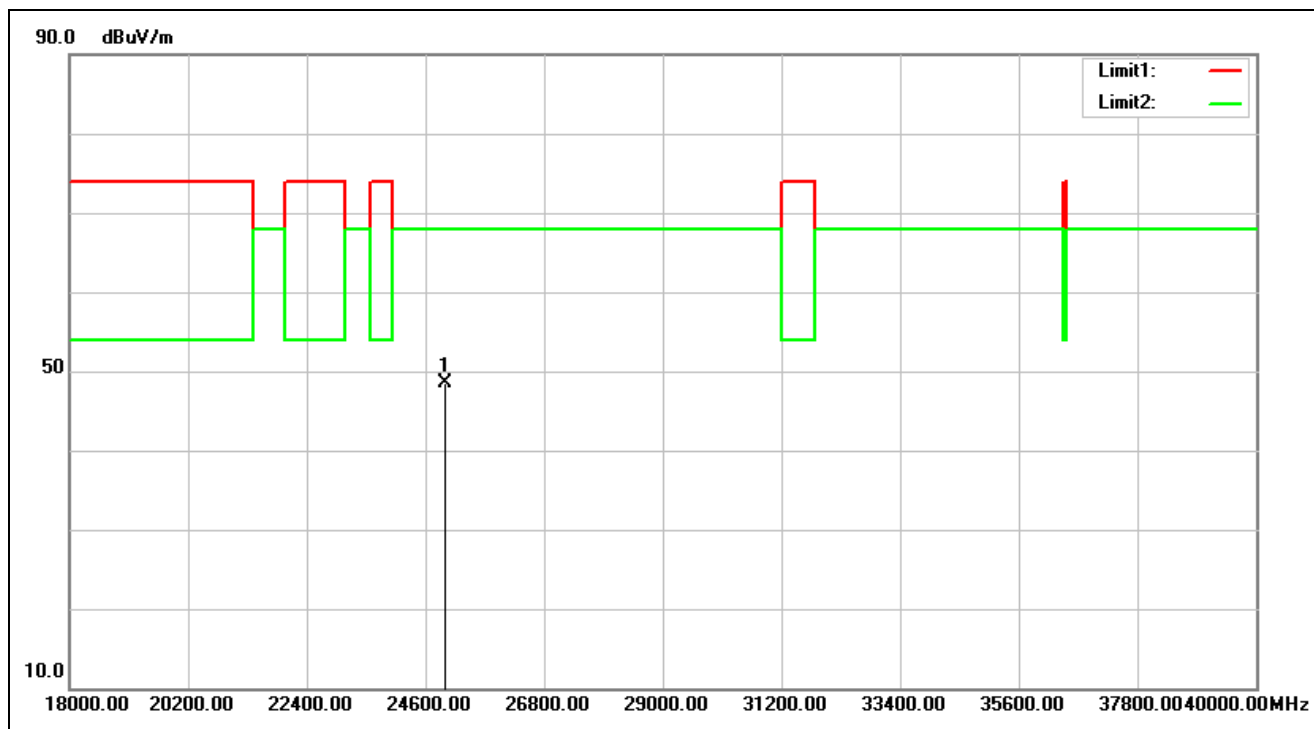
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/16 22:53:11
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5180		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	26206.000	31.48	16.97	48.45	68.00	-19.55	peak			



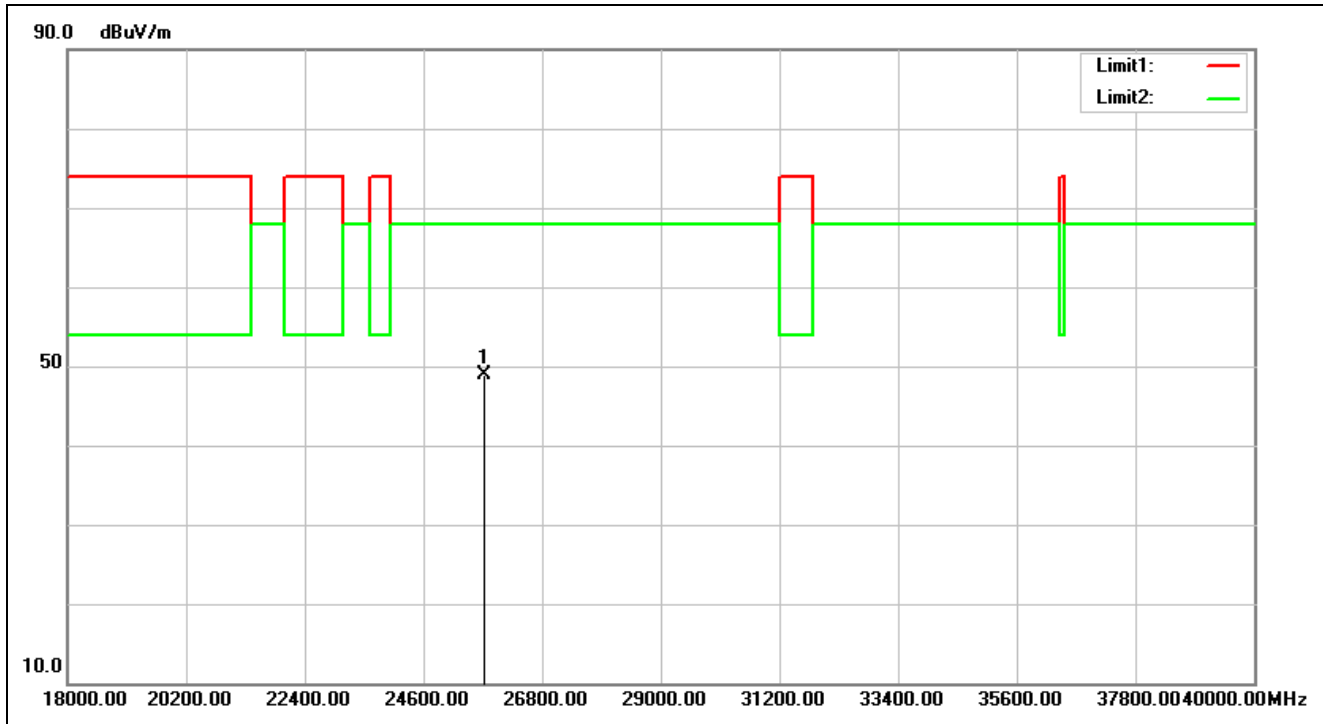
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/16 22:54:26
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5220		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	34434.000	33.90	17.81	51.71	68.00	-16.29	peak			



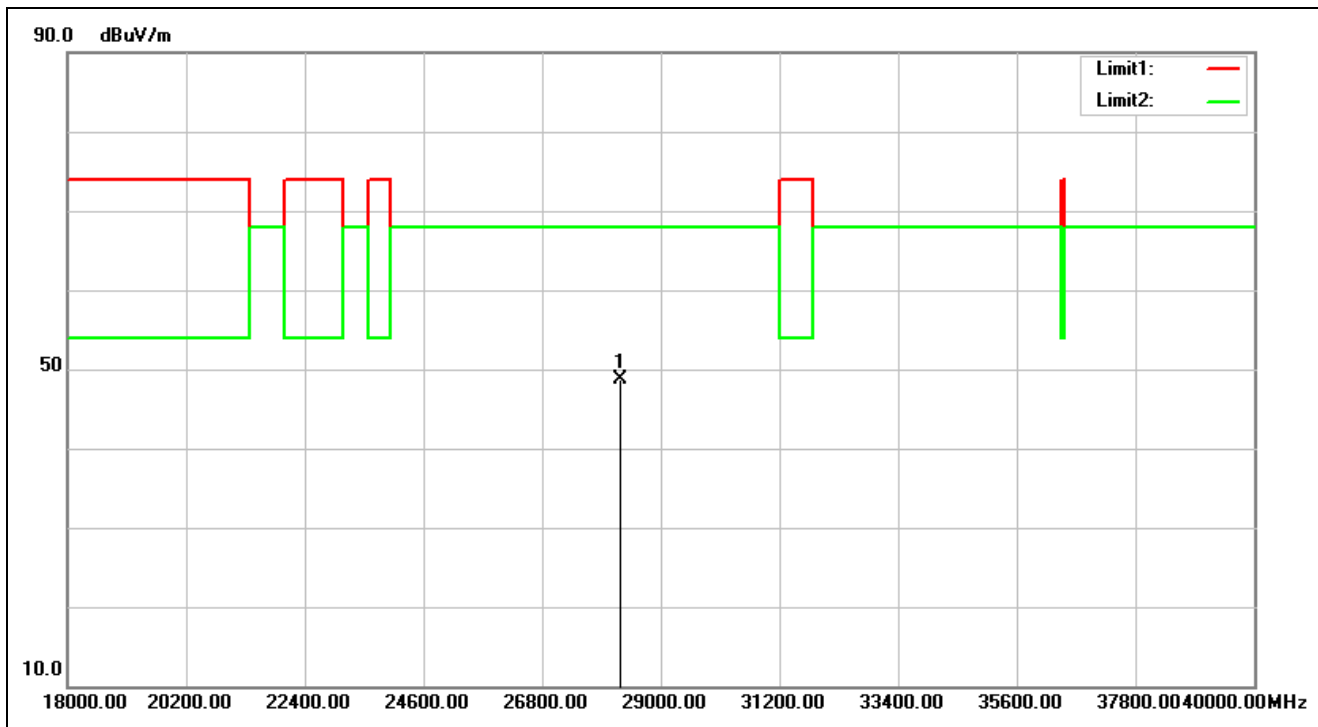
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/16 22:54:35
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5220		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	24974.000	30.65	17.90	48.55	68.00	-19.45	peak			



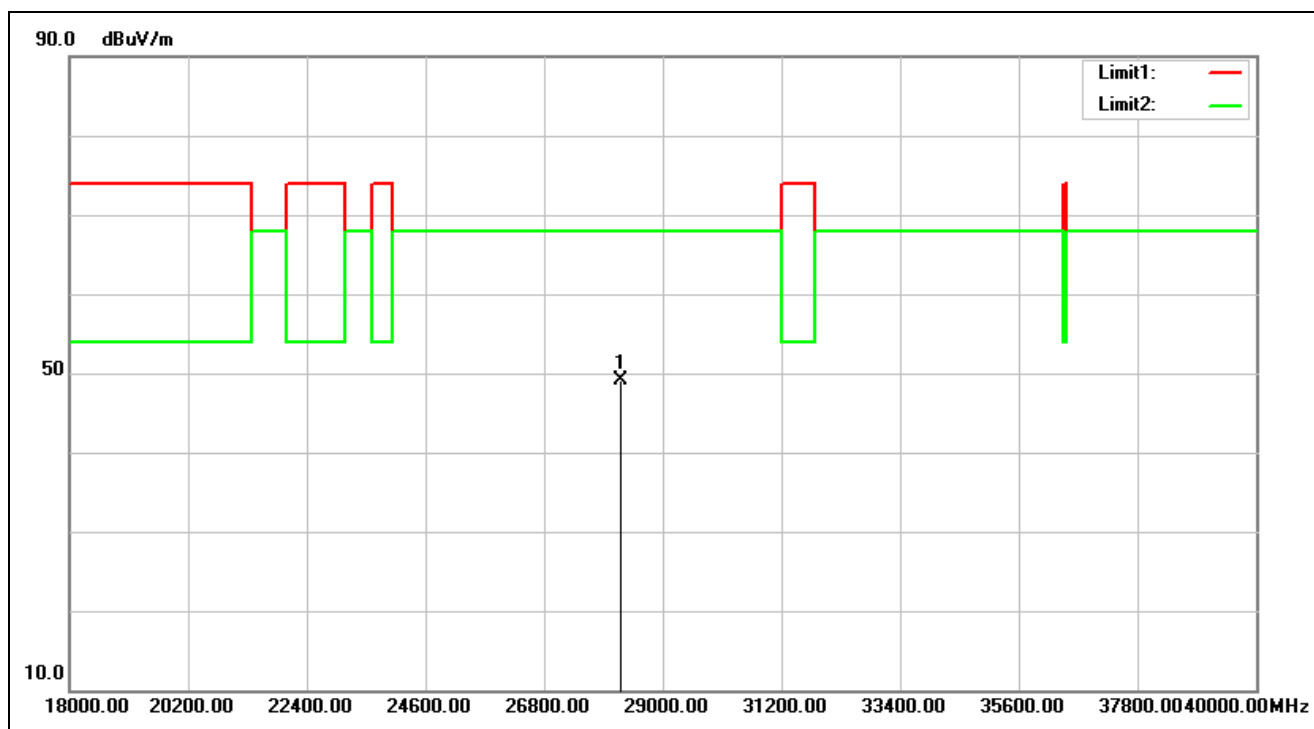
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/16 22:55:47
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5240		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25722.000	31.55	17.33	48.88	68.00	-19.12	peak			



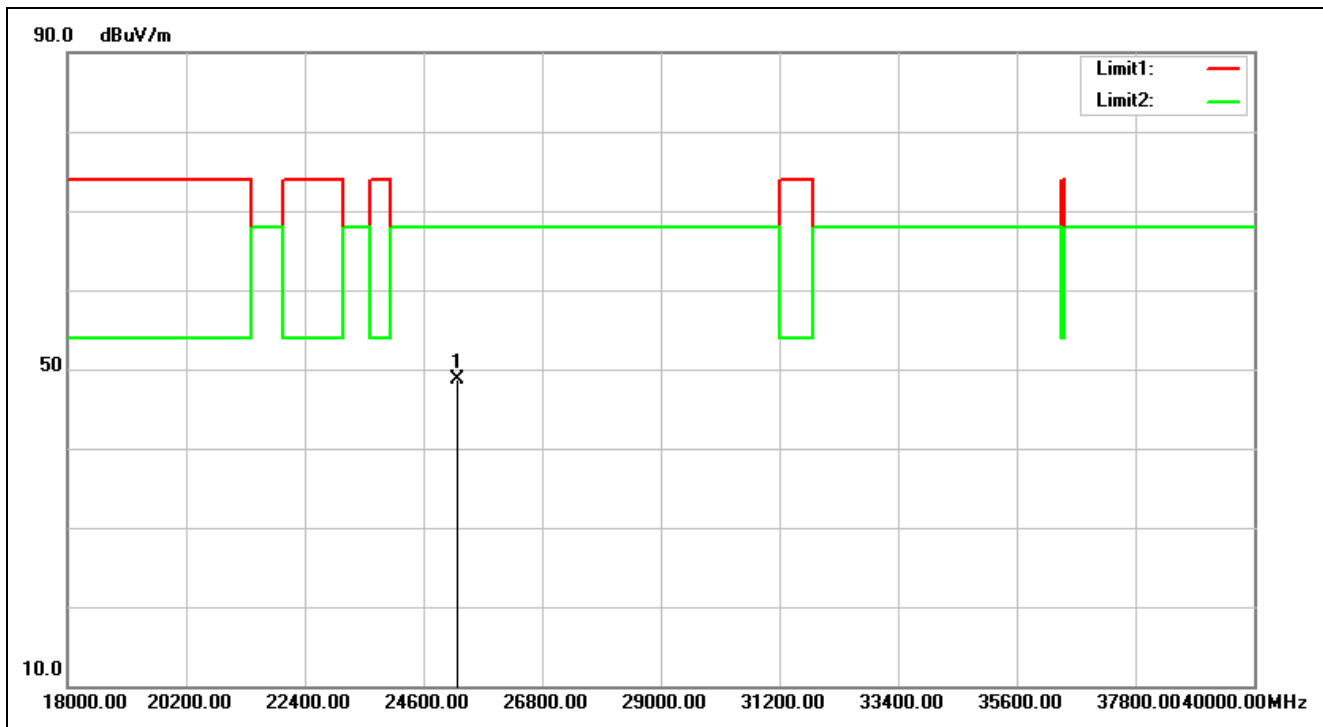
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/16 22:55:56
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5240		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	28252.000	31.68	17.06	48.74	68.00	-19.26	peak			



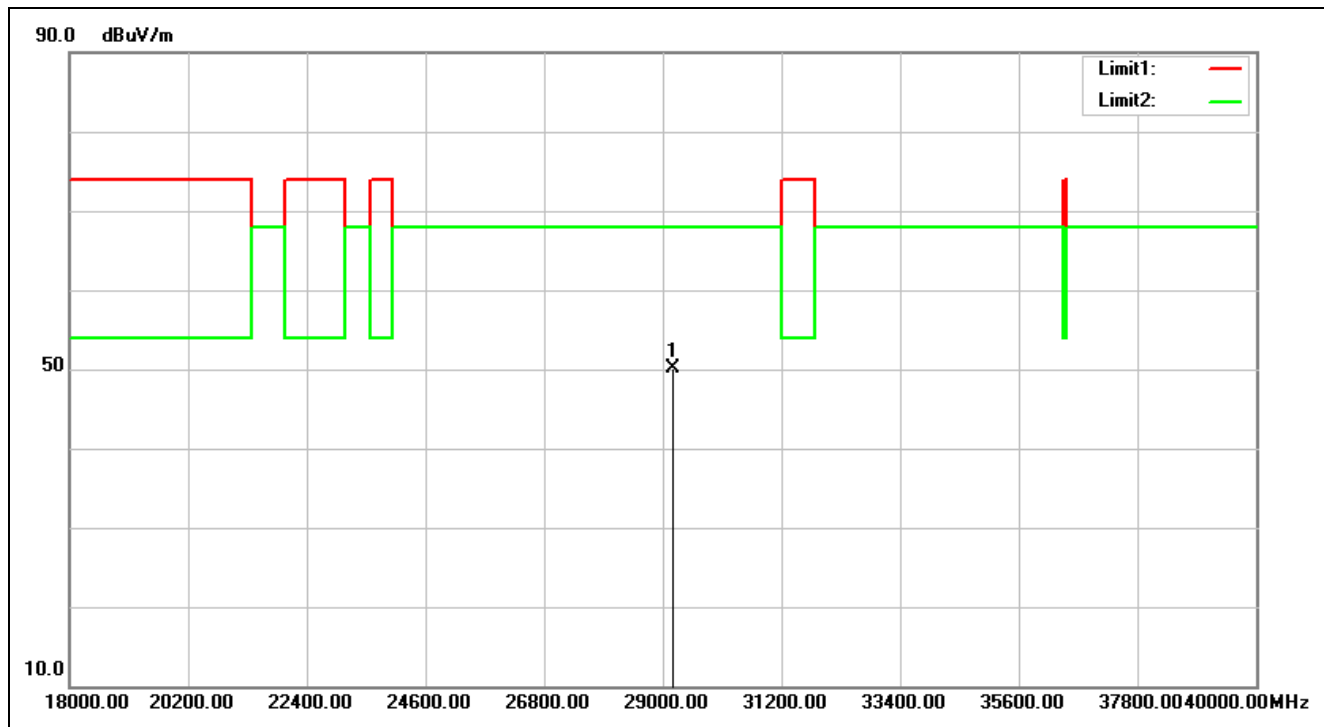
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/16 22:53:24
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5180		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	28230.000	31.65	17.45	49.10	68.00	-18.90	peak			



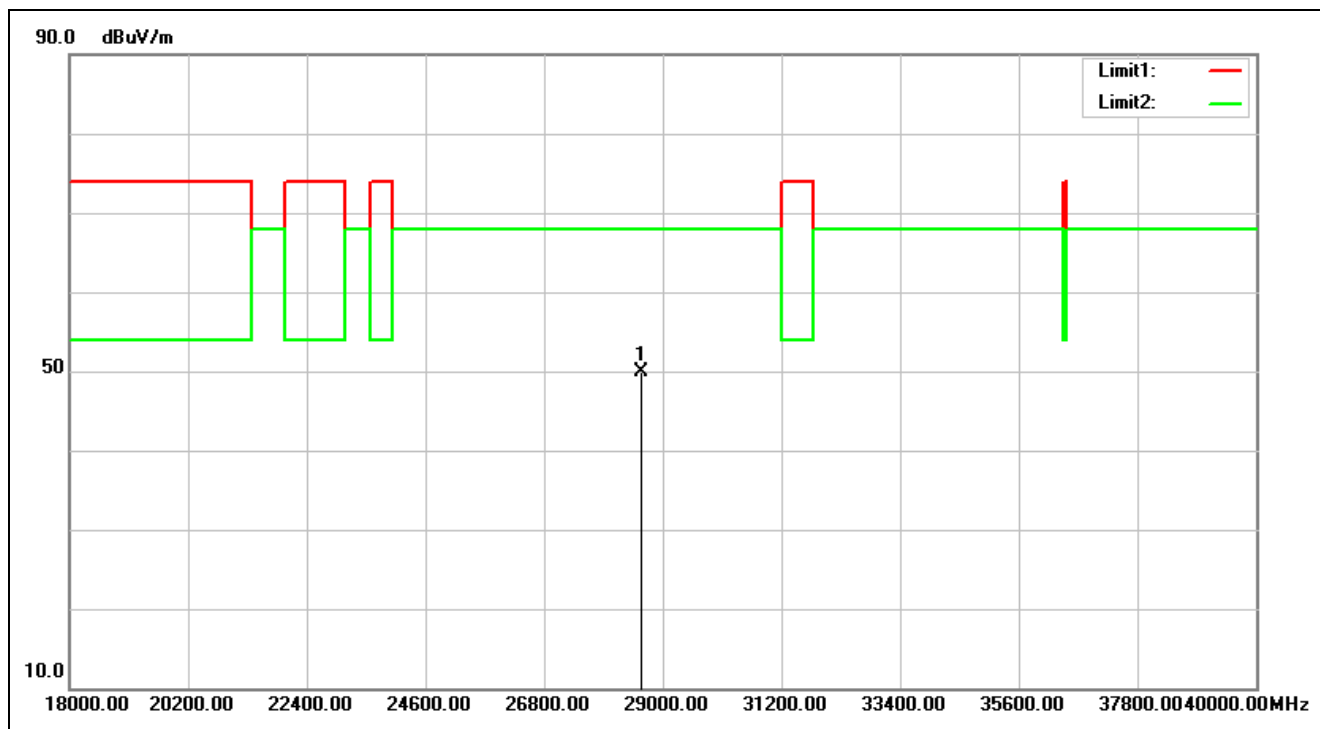
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/16 22:53:34
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5180		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25238.000	30.95	17.70	48.65	68.00	-19.35	peak			



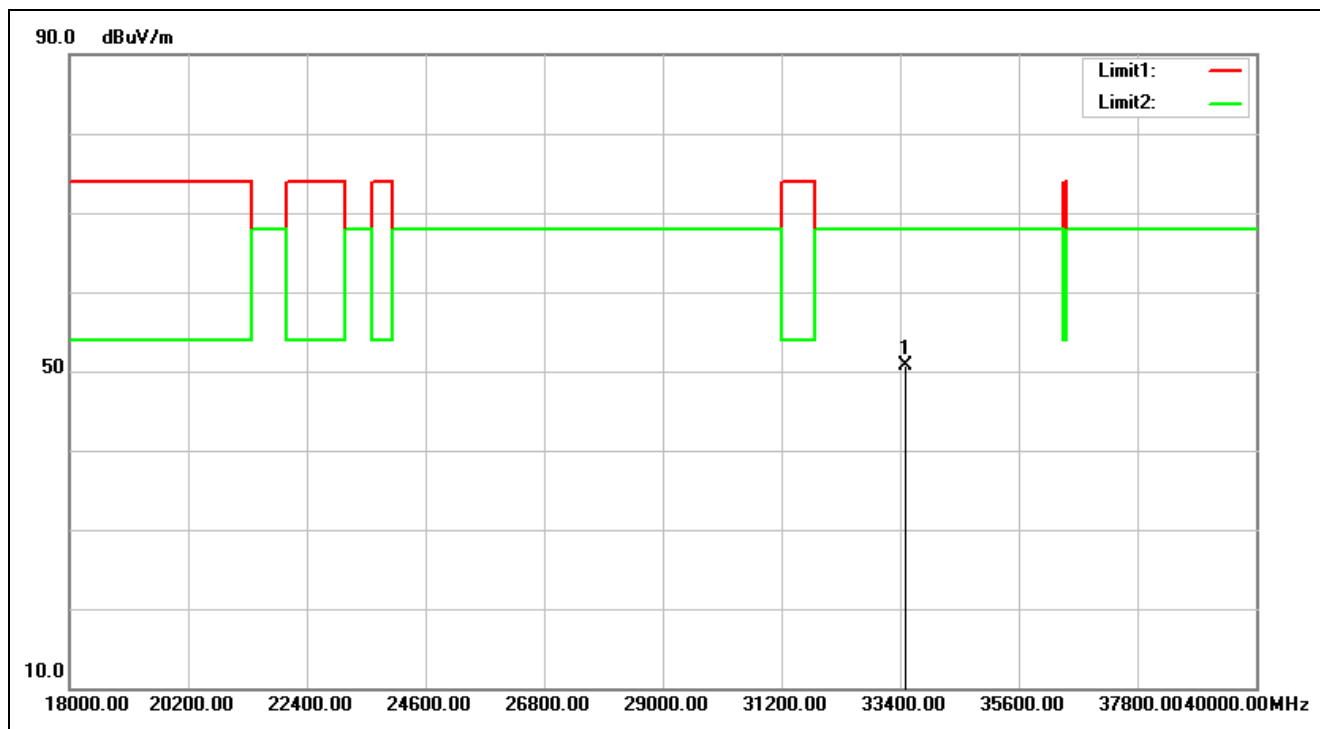
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/16 22:54:43
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5220		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	29176.000	32.68	17.33	50.01	68.00	-17.99	peak			



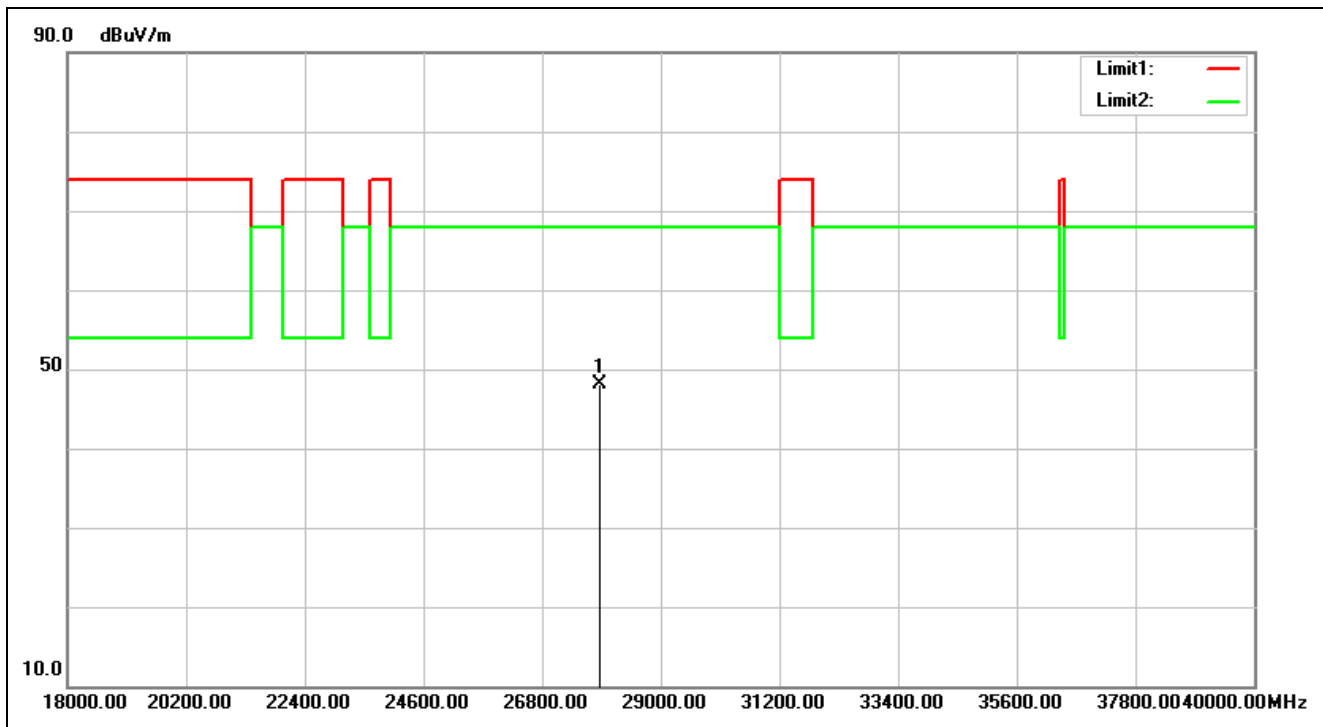
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/16 22:54:57
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5220		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	28604.000	32.15	17.78	49.93	68.00	-18.07	peak			



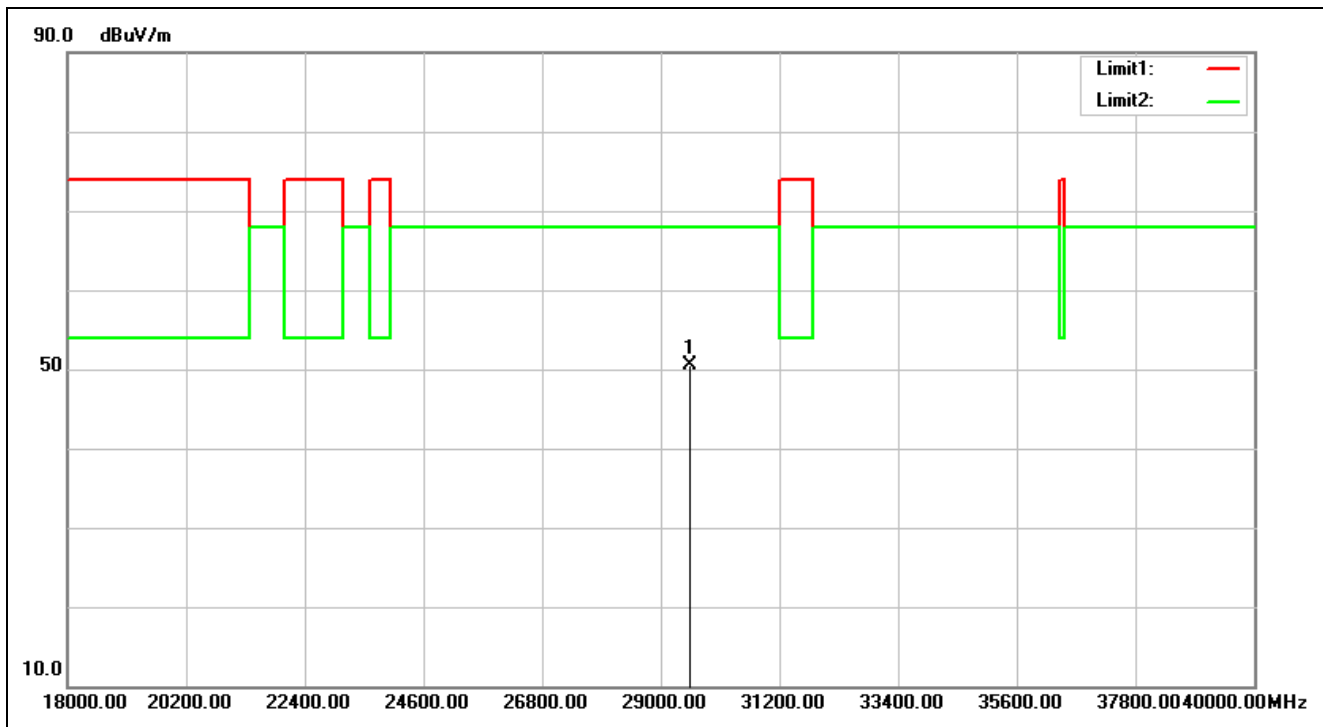
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/16 22:56:08
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5240		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	33510.000	33.43	17.34	50.77	68.00	-17.23	peak			



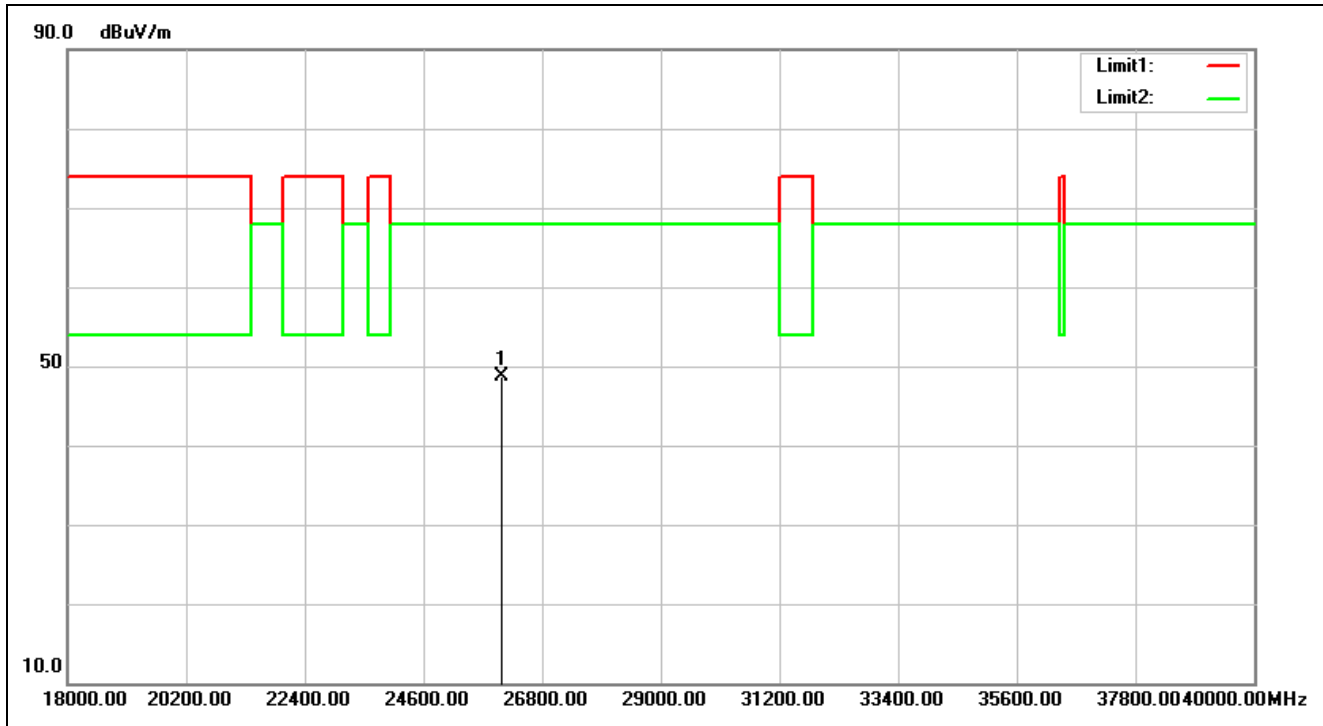
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/16 22:56:18
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5240		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	27878.000	31.21	16.90	48.11	68.00	-19.89	peak			



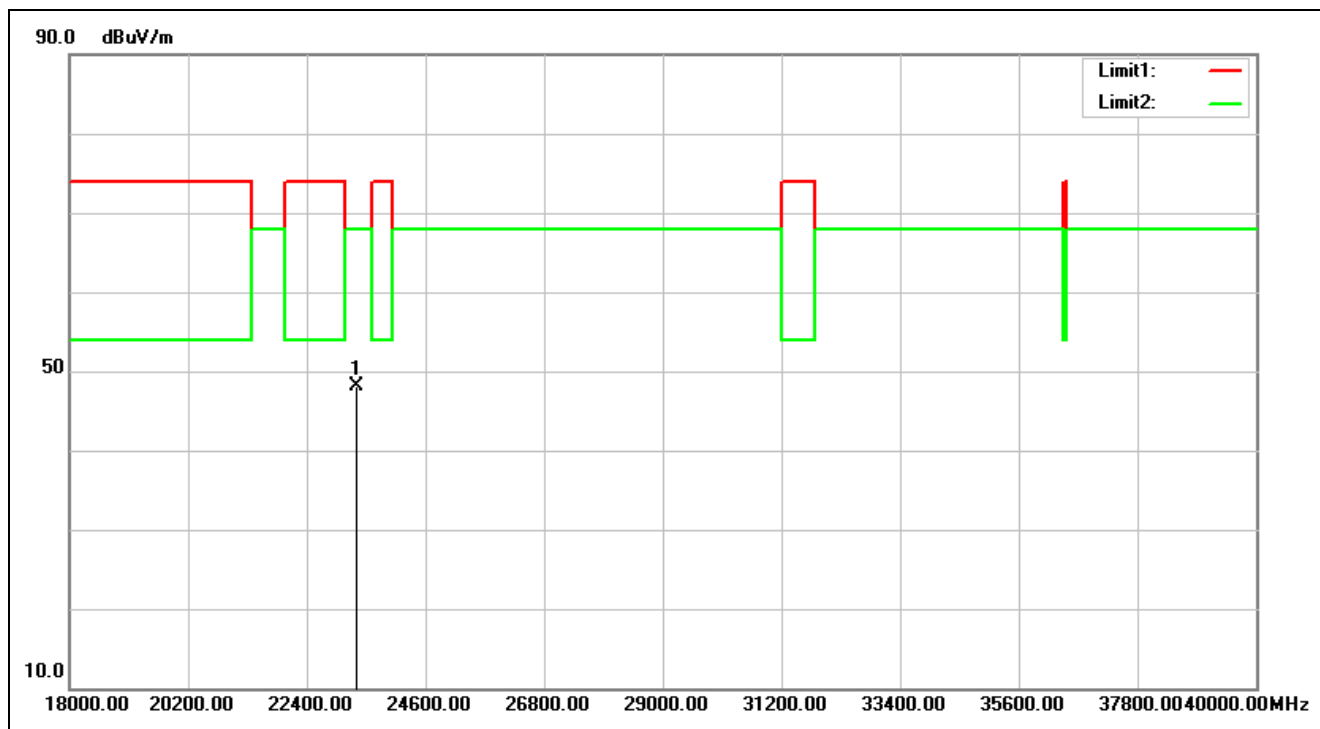
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/16 22:53:43
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A40-5190		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	29528.000	32.62	17.97	50.59	68.00	-17.41	peak			



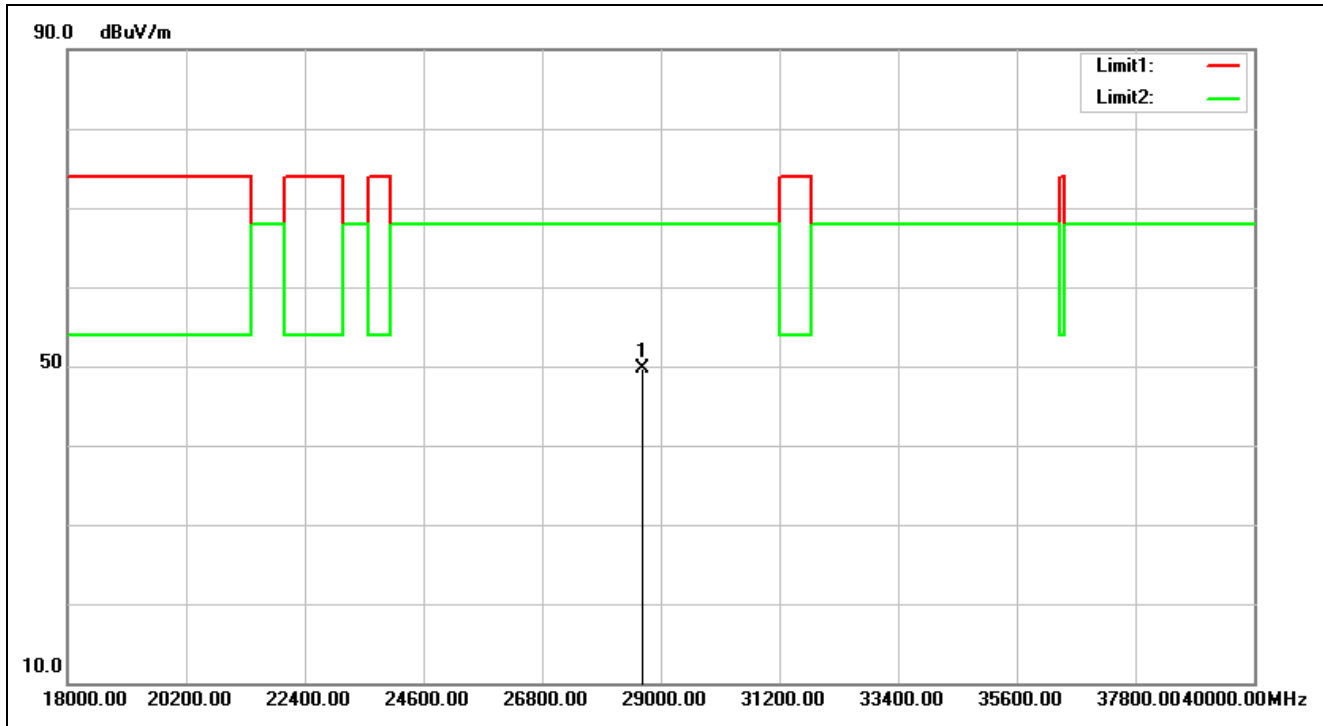
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/16 22:53:51
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A40-5190		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	26052.000	31.82	16.82	48.64	68.00	-19.36	peak			



Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/16 22:55:12
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A40-5230		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23324.000	29.59	18.53	48.12	68.00	-19.88	peak			



Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/16 22:55:22
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A40-5230		
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	32.21	17.50	49.71	68.00	-18.29	peak			

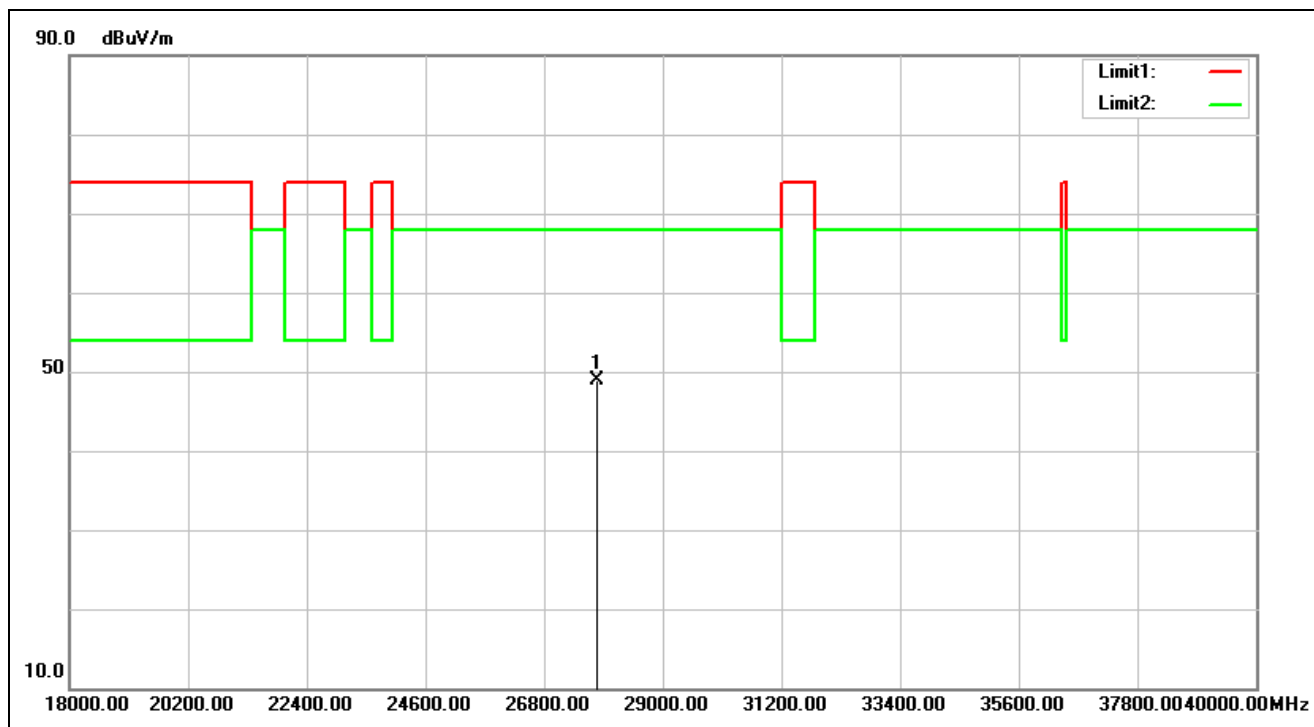
Spurious Emissions, TX Mode, 18-40G ,5470-5725MHz



TUV Taiwan

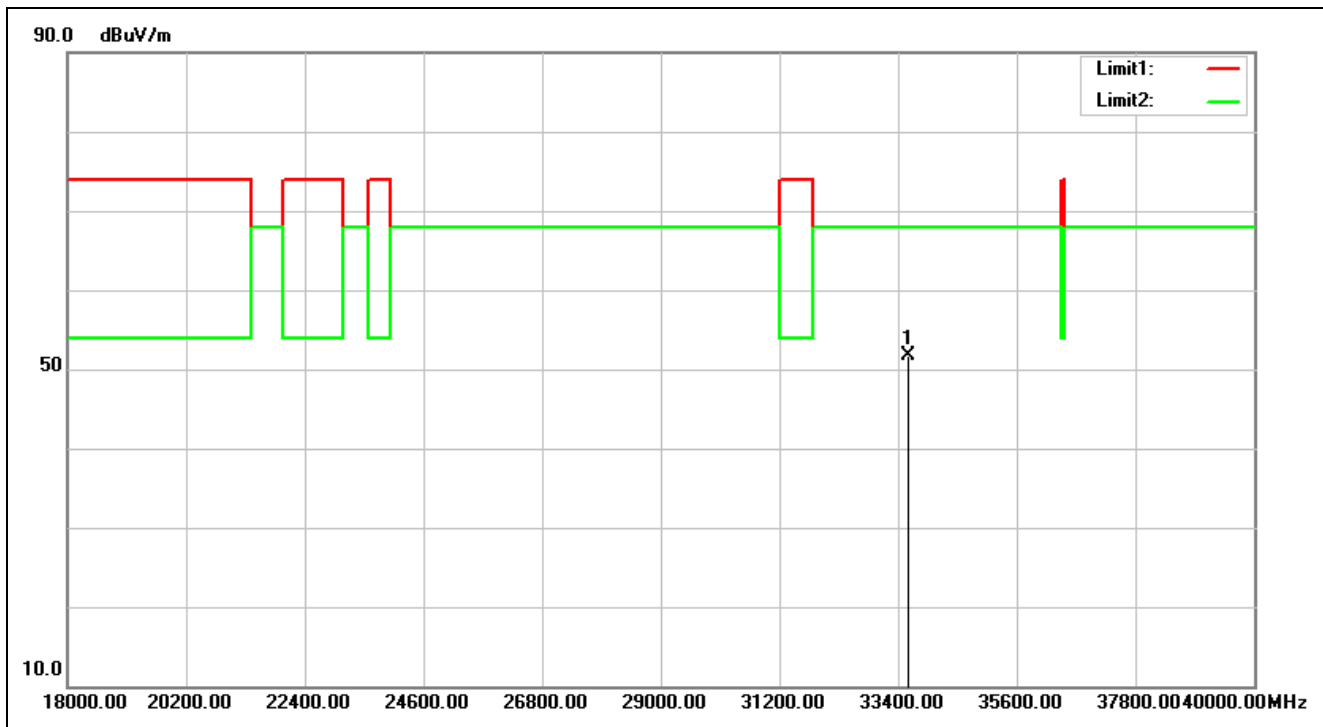
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



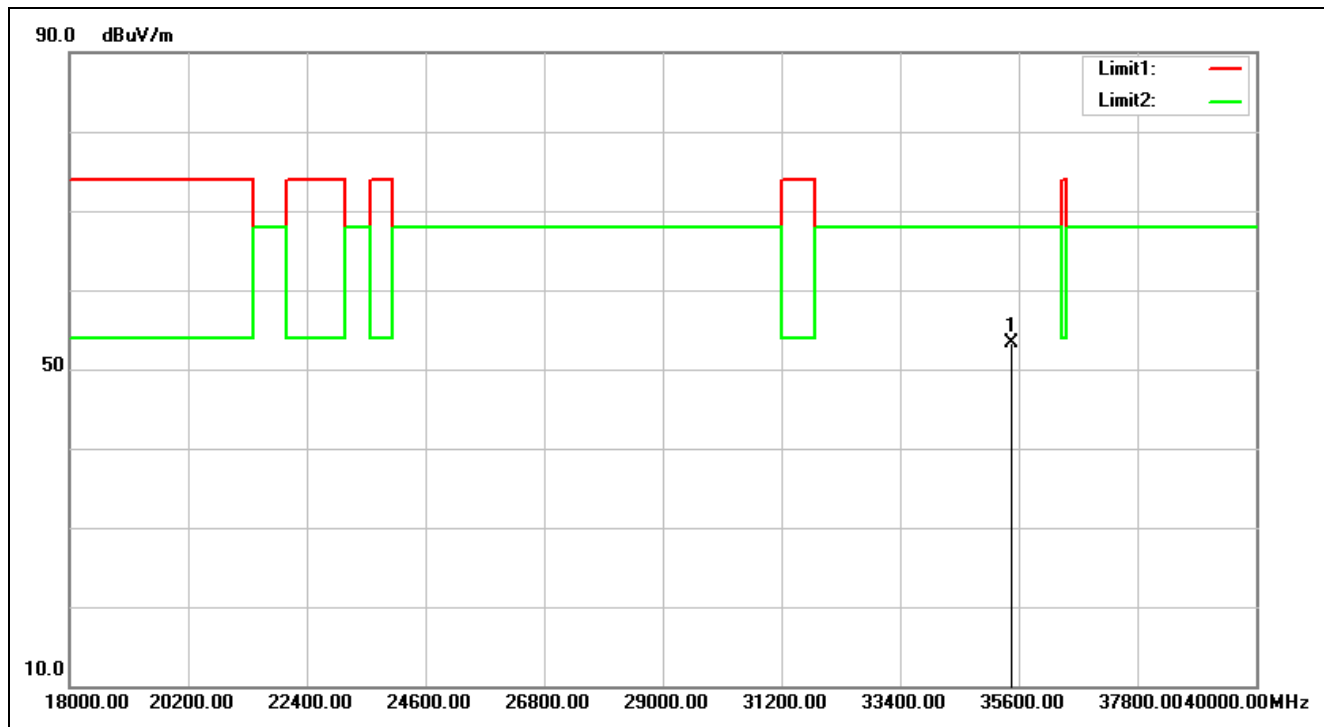
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/16 22:57:07
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%)	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5745		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	27790.000	31.12	17.79	48.91	68.00	-19.09	peak		0	



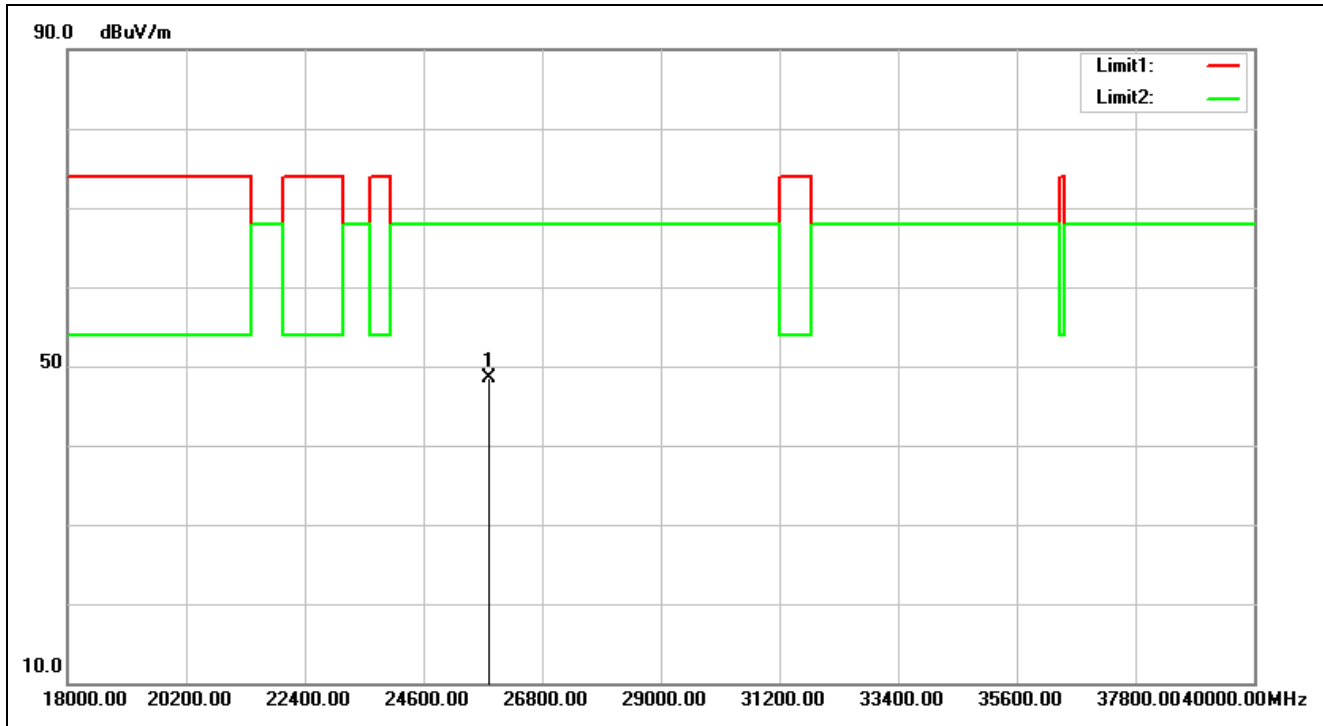
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/16 22:57:16
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5745		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	33576.000	33.39	18.26	51.65	68.00	-16.35	peak			



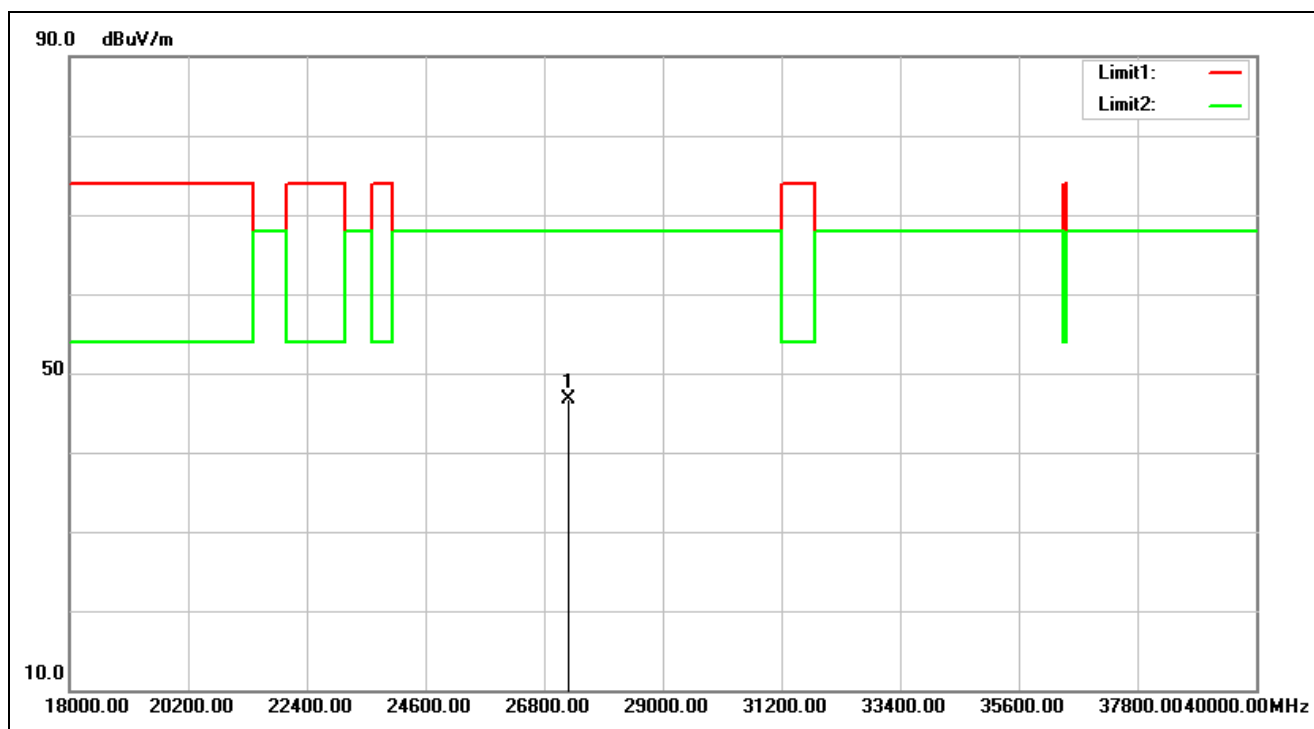
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/16 22:58:22
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5785		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	35468.000	35.46	17.85	53.31	68.00	-14.69	peak			



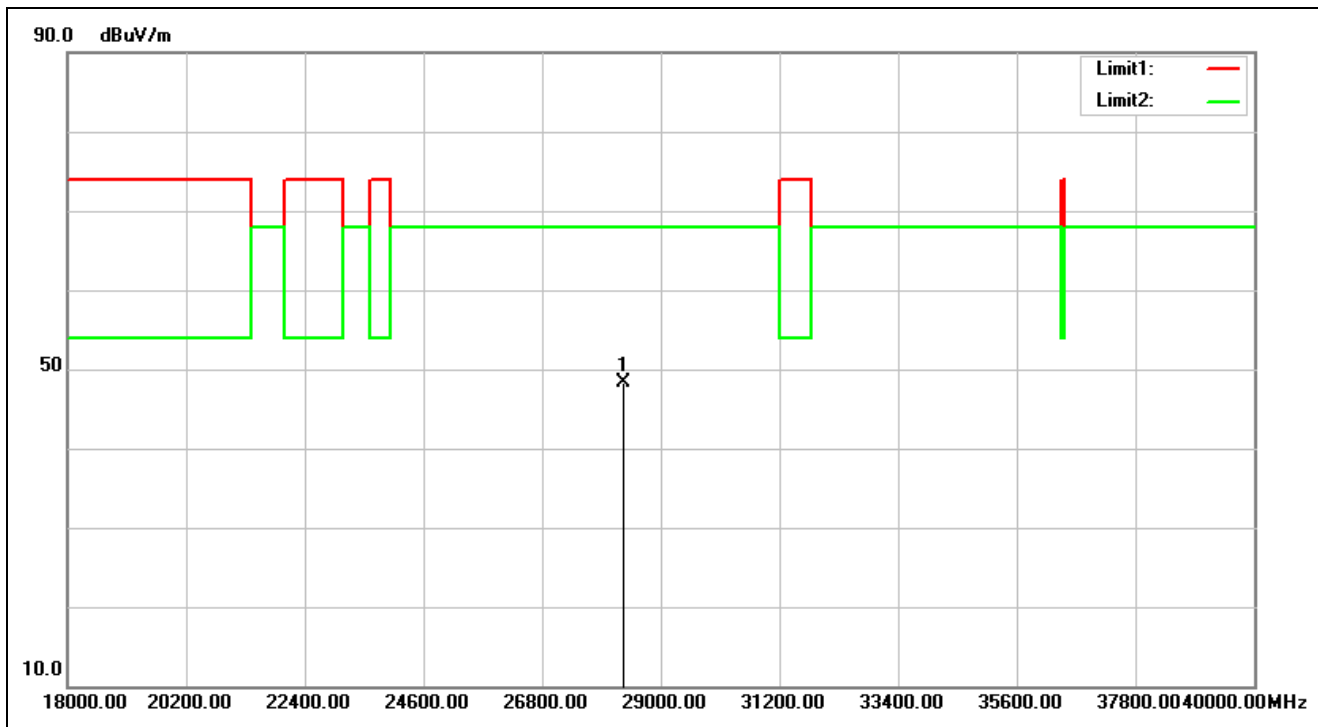
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/16 22:58:31
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5785		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25810.000	31.67	16.82	48.49	68.00	-19.51	peak			



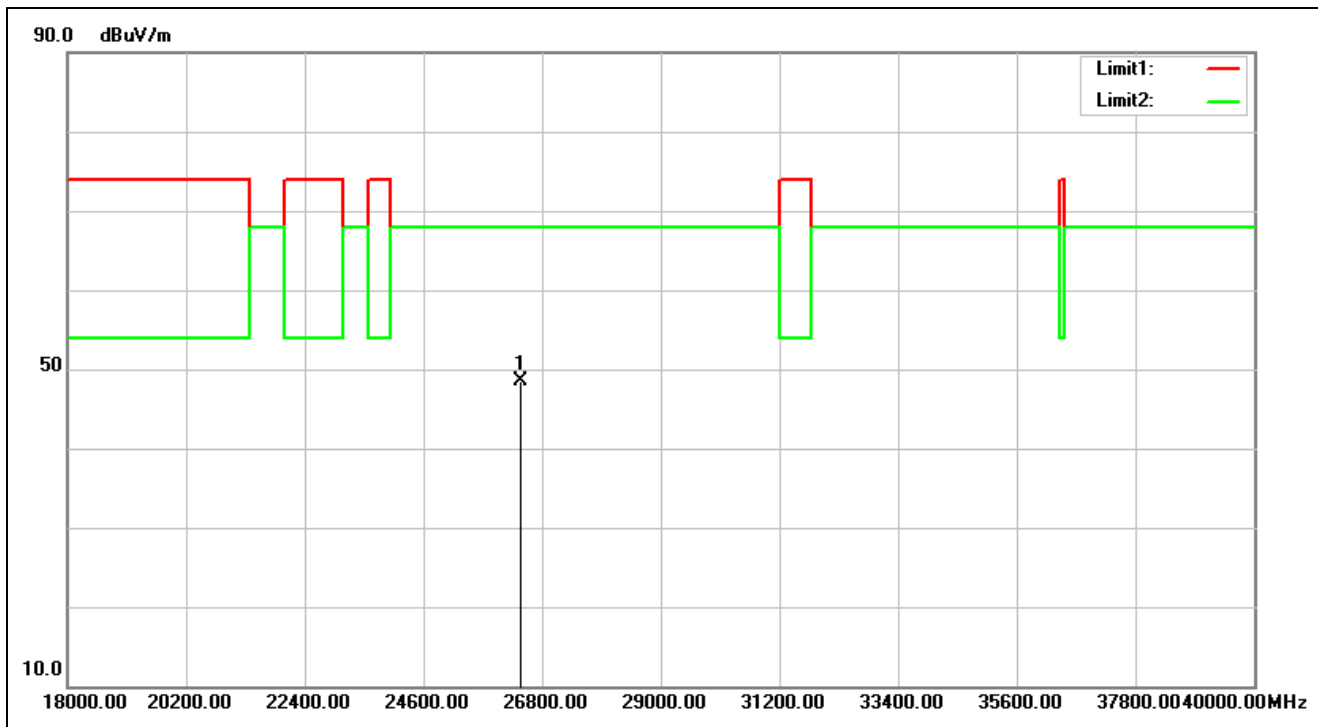
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/16 22:59:35
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5825		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	27240.000	30.75	16.01	46.76	68.00	-21.24	peak			



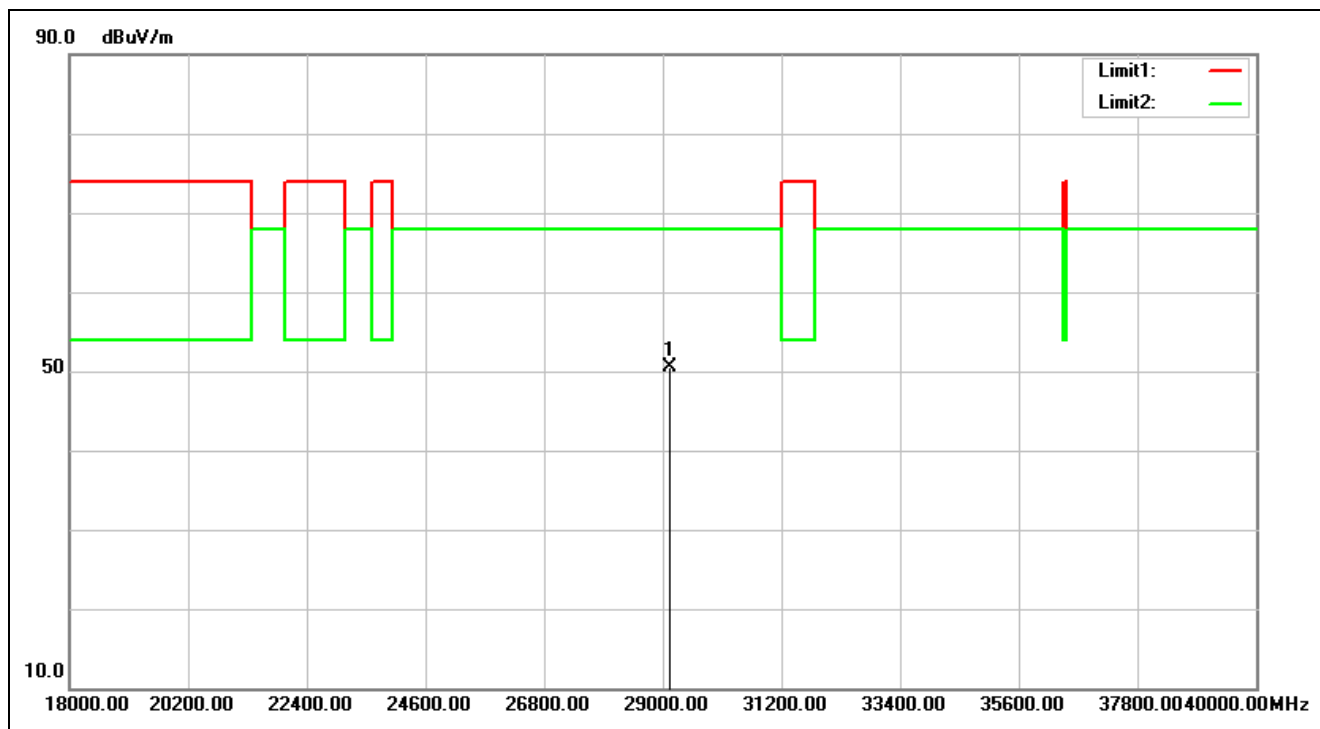
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/16 22:59:44
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A-5825		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	28318.000	31.76	16.53	48.29	68.00	-19.71	peak			



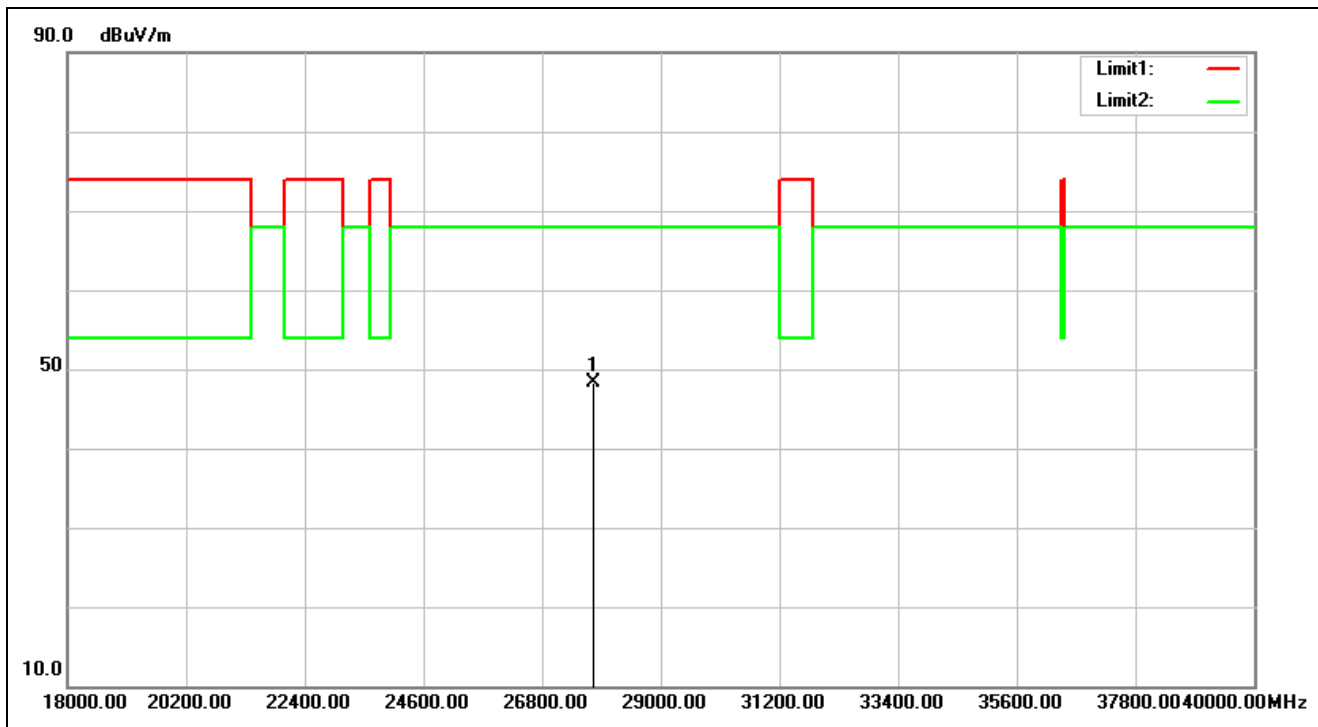
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/16 22:57:24
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5745		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	26404.000	31.03	17.48	48.51	68.00	-19.49	peak			



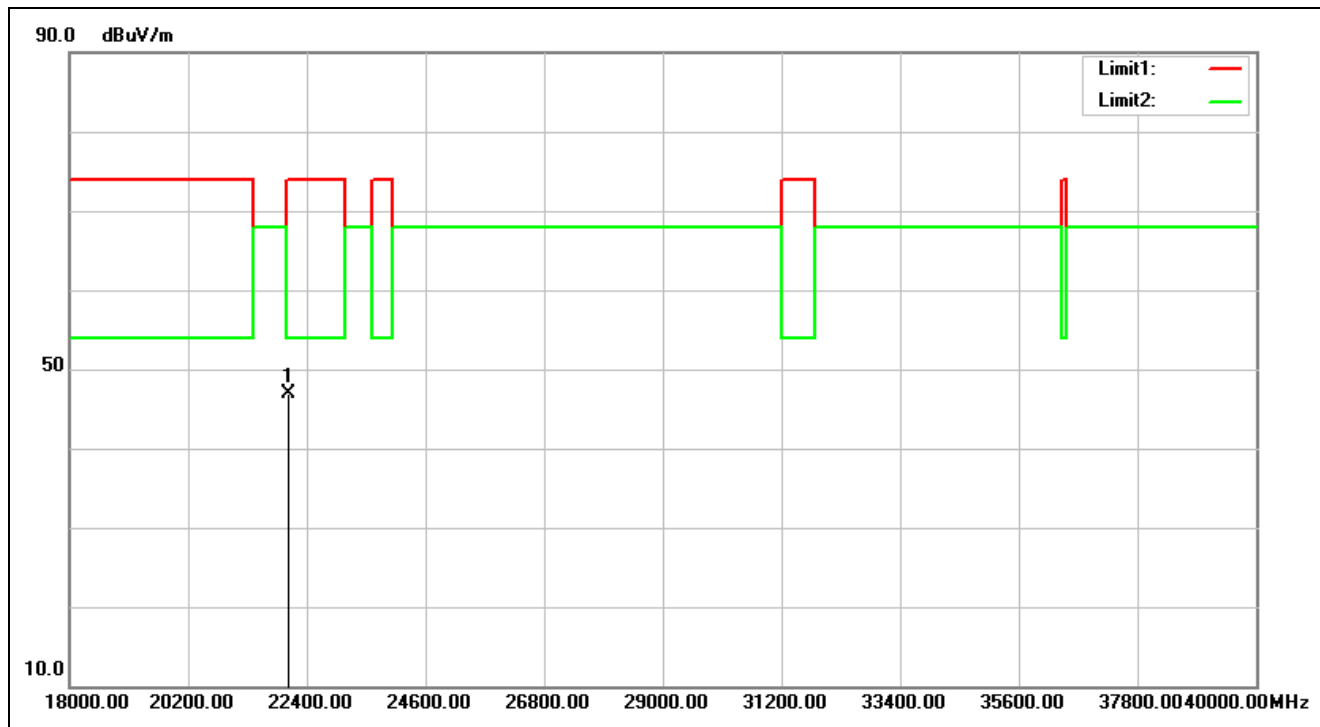
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/16 22:57:39
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5745		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	29132.000	32.68	17.86	50.54	68.00	-17.46	peak			



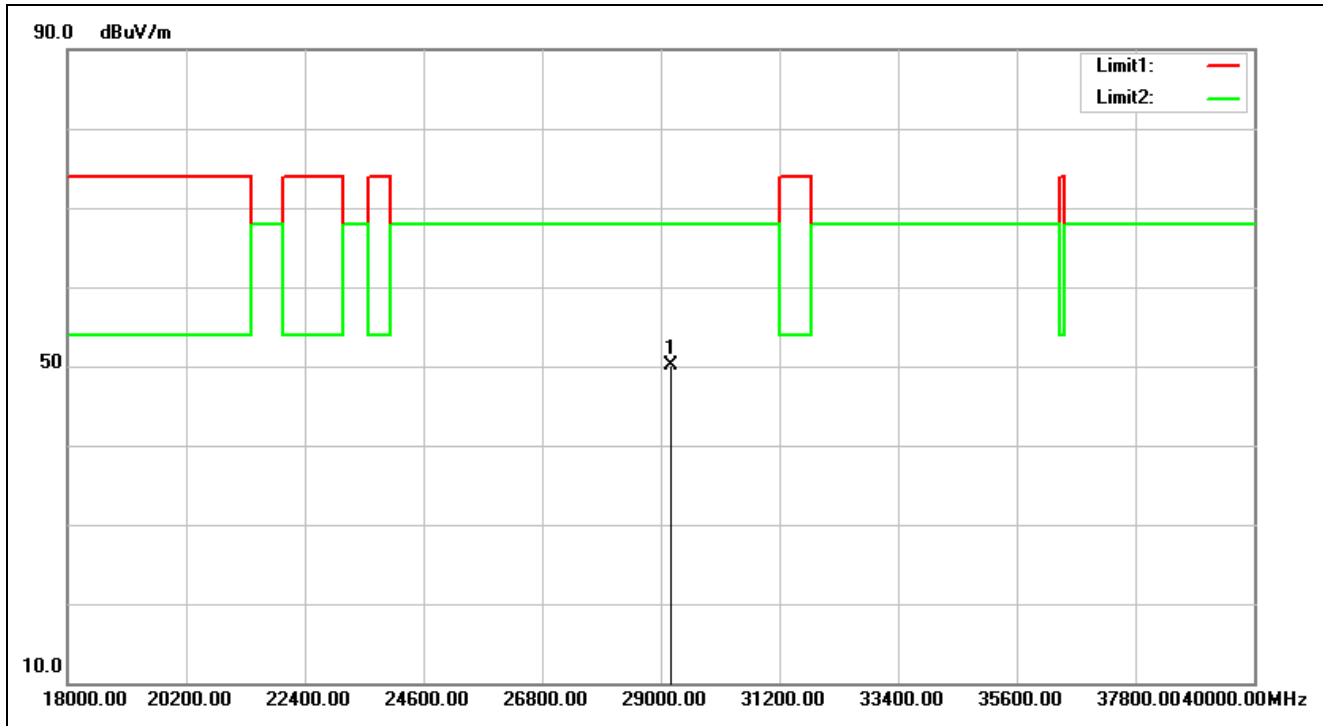
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/16 22:58:44
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5785		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	27746.000	31.08	17.30	48.38	68.00	-19.62	peak			



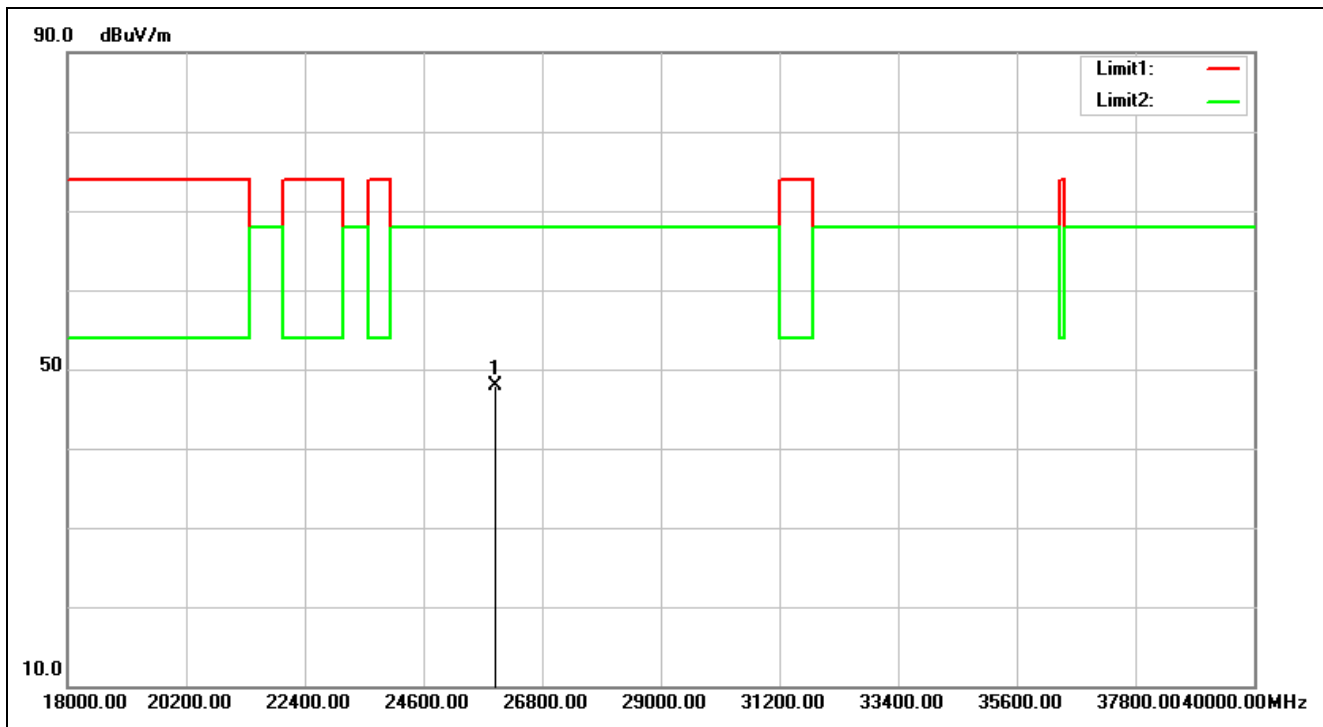
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/16 22:58:55
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5785		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22070.000	28.54	18.45	46.99	74.00	-27.01	peak			



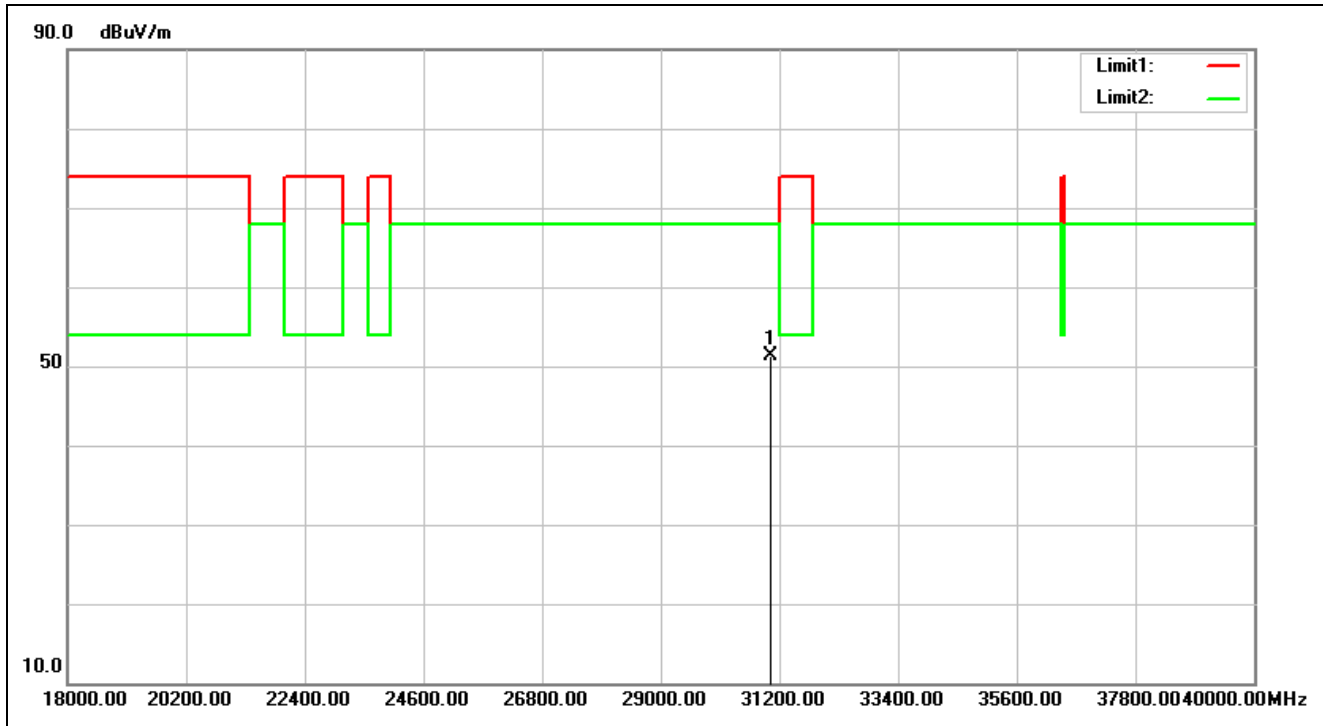
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/16 23:00:02
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5825		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	29198.000	32.67	17.41	50.08	68.00	-17.92	peak			



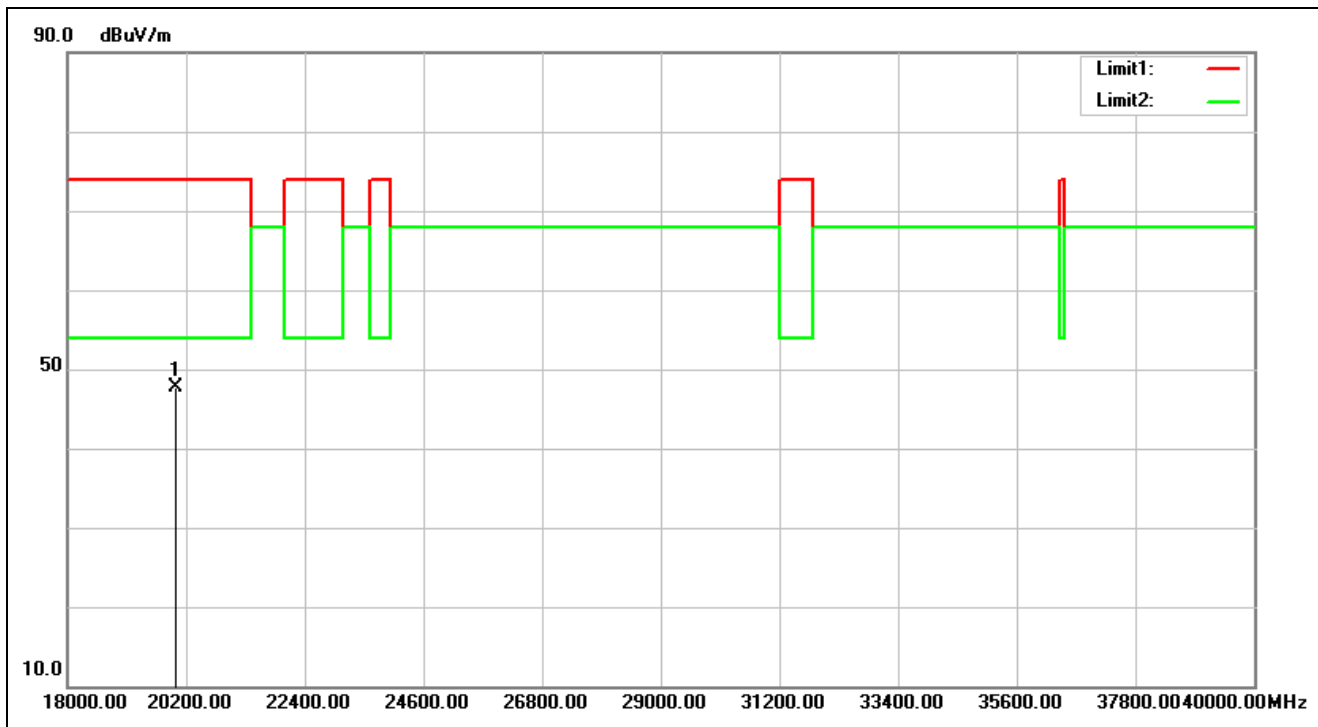
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/16 23:00:19
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5825		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25942.000	31.87	16.03	47.90	68.00	-20.10	peak			



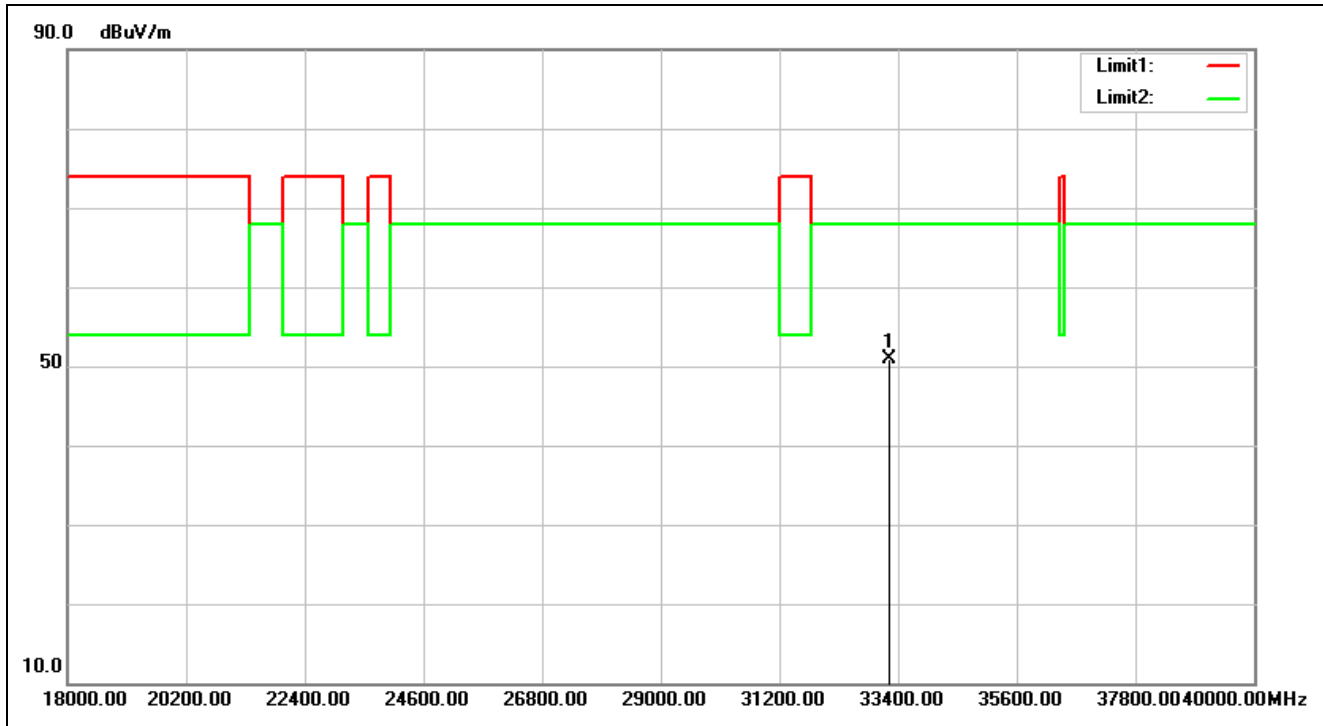
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/16 22:57:49
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A40-5755		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	31024.000	33.76	17.51	51.27	68.00	-16.73	peak			



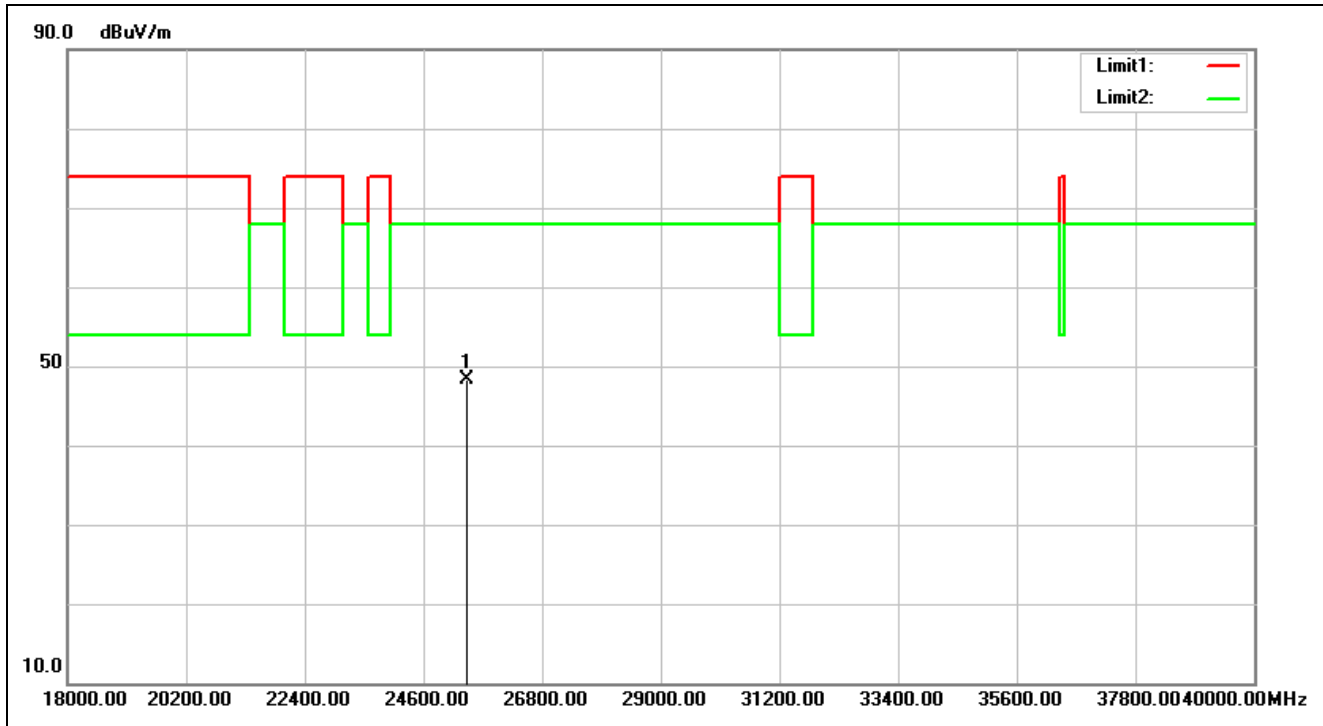
Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/16 22:58:04
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A40-5755		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20002.000	28.93	18.69	47.62	74.00	-26.38	peak			



Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/16 22:59:09
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A40-5795		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	33246.000	33.74	17.20	50.94	68.00	-17.06	peak			



Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/16 22:59:20
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	25.8(°C)/51%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A40-5795		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25414.000	31.15	17.24	48.39	68.00	-19.61	peak			

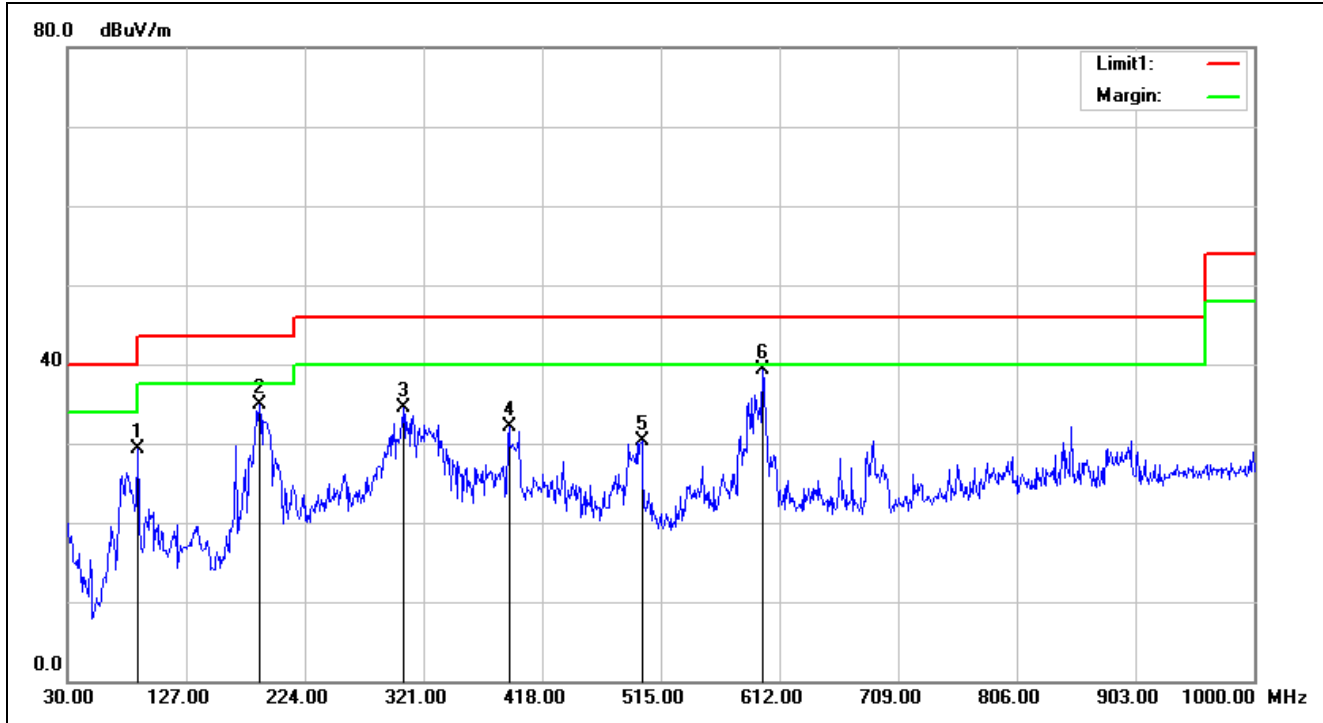
Spurious Emissions, TX Mode, 30M-1G



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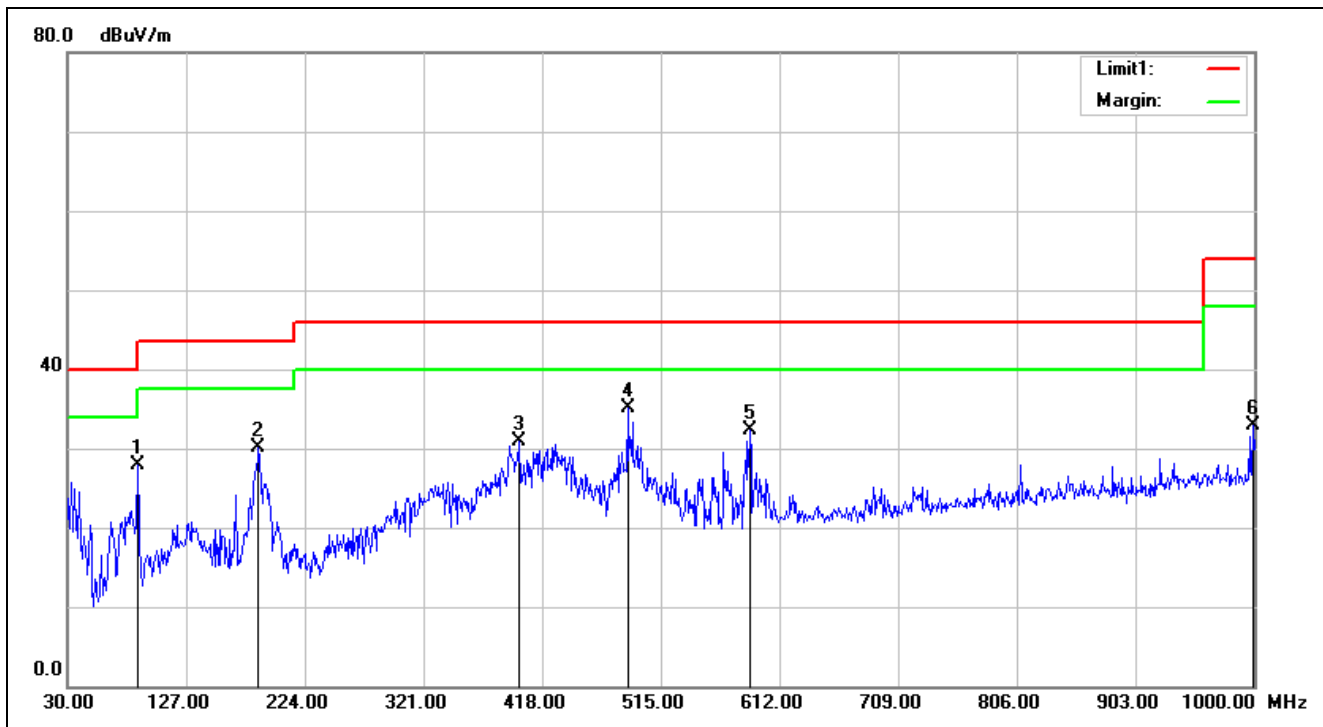
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/17 20:55:40
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5825		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	87.2300	-16.90	46.15	29.25	40.00	-10.75	peak	100	150	
2	187.1399	-15.36	50.33	34.97	43.50	-8.53	peak	100	195	
3	304.5100	-10.29	44.73	34.44	46.00	-11.56	peak	100	216	
4	390.8399	-8.69	40.74	32.05	46.00	-13.95	peak	100	296	
5	499.4800	-7.26	37.64	30.38	46.00	-15.62	peak	100	301	
6	598.4200	-5.90	45.22	39.32	46.00	-6.68	peak	100	222	

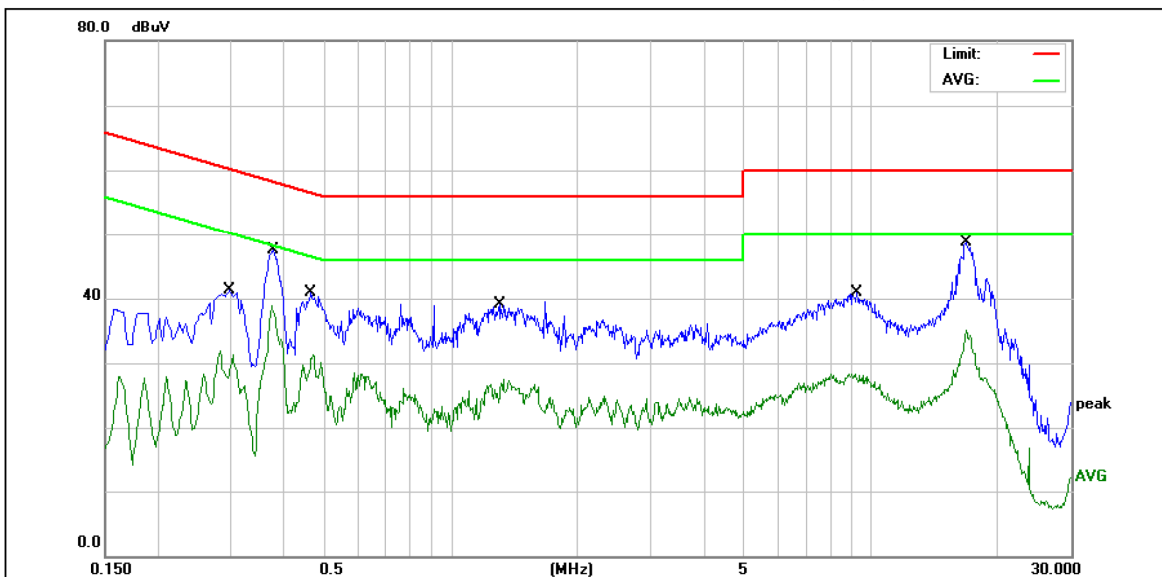
Spurious Emissions, TX Mode, 30M-1G



Service No.:	114036742-FCC_WTR1000	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/17 20:56:43
Applicant:	Trans	Test Rating:	DC 5V
Product:	1080P HD wireless sender	Temp.(°C)/Hum.(%):	21(°C)/61%
Model No.:	WTR-1000	Test Engineer:	Hugo Chang
Test Mode:	A20-5825		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	87.2300	-16.90	44.76	27.86	40.00	-12.14	QP	100	114	
2	186.1700	-15.36	45.54	30.18	43.50	-13.32	QP	100	165	
3	399.5700	-8.57	39.41	30.84	46.00	-15.16	QP	100	1	
4	487.8400	-7.41	42.43	35.02	46.00	-10.98	QP	100	221	
5	587.7500	-6.08	38.42	32.34	46.00	-13.66	QP	100	151	
6	999.0300	-0.28	33.15	32.87	54.00	-21.13	QP	100	1	

Mains Spurious Emissions



Service No.: 114036742-EMC

Test Standard: FCC Class B Conduction(QP)

Test item: Conducted Emission

Phase: L1

Applicant: Trans

Temp.(°C)/Hum.(%): 21.2(°C) / 48 %

Product: 1080P HD wireless sender

Power Rating: AC 120V/60Hz

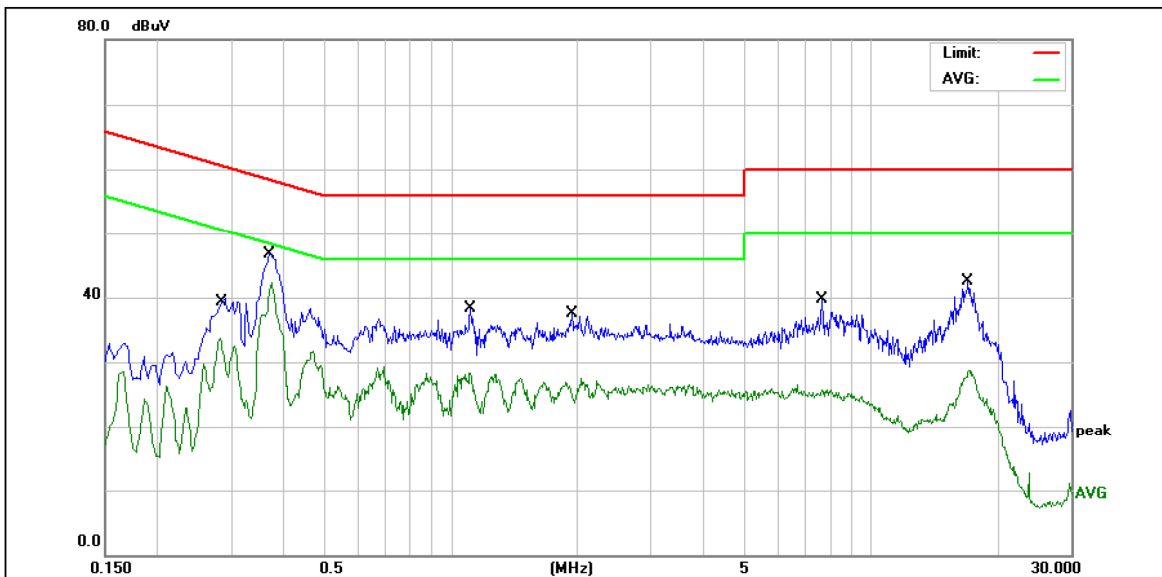
Model No.: WTR-1000

Test Engineer: Kai Wang

Test Mode: (a)Normal operation on WTR-1000(TX)

Remark:

No.	Frequency (MHz)	Factor ()	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.2980	9.62	27.92	37.54	60.30	-22.76	QP	P	
2	0.2980	9.62	18.39	28.01	50.30	-22.29	AVG	P	
3	0.3740	9.63	35.23	44.86	58.41	-13.55	QP	P	
4	0.3740	9.63	28.29	37.92	48.41	-10.49	AVG	P	
5	0.4700	9.63	27.96	37.59	56.51	-18.92	QP	P	
6	0.4700	9.63	20.61	30.24	46.51	-16.27	AVG	P	
7	1.3060	9.63	24.30	33.93	56.00	-22.07	QP	P	
8	1.3060	9.63	13.80	23.43	46.00	-22.57	AVG	P	
9	9.2739	9.74	24.84	34.58	60.00	-25.42	QP	P	
10	9.2739	9.74	16.42	26.16	50.00	-23.84	AVG	P	
11	16.9060	9.86	32.20	42.06	60.00	-17.94	QP	P	
12	16.9060	9.86	21.66	31.52	50.00	-18.48	AVG	P	



Service No.: 114036742-EMC

Test Standard: FCC Class B Conduction(QP)

Test item: Conducted Emission

Phase: N

Applicant: Trans

Temp.(°C)/Hum.(%): 21.2(°C) / 48 %

Product: 1080P HD wireless sender

Power Rating: AC 120V/60Hz

Model No.: WTR-1000

Test Engineer: Kai Wang

Test Mode: (a)Normal operation on WTR-1000(TX)

Remark:

No.	Frequency (MHz)	Factor ()	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.2819	9.64	27.61	37.25	60.76	-23.51	QP	P	
2	0.2819	9.64	24.38	34.02	50.76	-16.74	AVG	P	
3	0.3740	9.64	35.60	45.24	58.41	-13.17	QP	P	
4	0.3740	9.64	32.18	41.82	48.41	-6.59	AVG	P	
5	1.1140	9.64	23.28	32.92	56.00	-23.08	QP	P	
6	1.1140	9.64	17.53	27.17	46.00	-18.83	AVG	P	
7	1.9420	9.66	21.48	31.14	56.00	-24.86	QP	P	
8	1.9420	9.66	14.55	24.21	46.00	-21.79	AVG	P	
9	7.6620	9.76	20.27	30.03	60.00	-29.97	QP	P	
10	7.6620	9.76	14.50	24.26	50.00	-25.74	AVG	P	
11	17.1620	9.92	24.93	34.85	60.00	-25.15	QP	P	
12	17.1620	9.92	16.41	26.33	50.00	-23.67	AVG	P	