

Test Report No.50073671 001

Appendix D: Radiated and Mains Spurious Emission Data

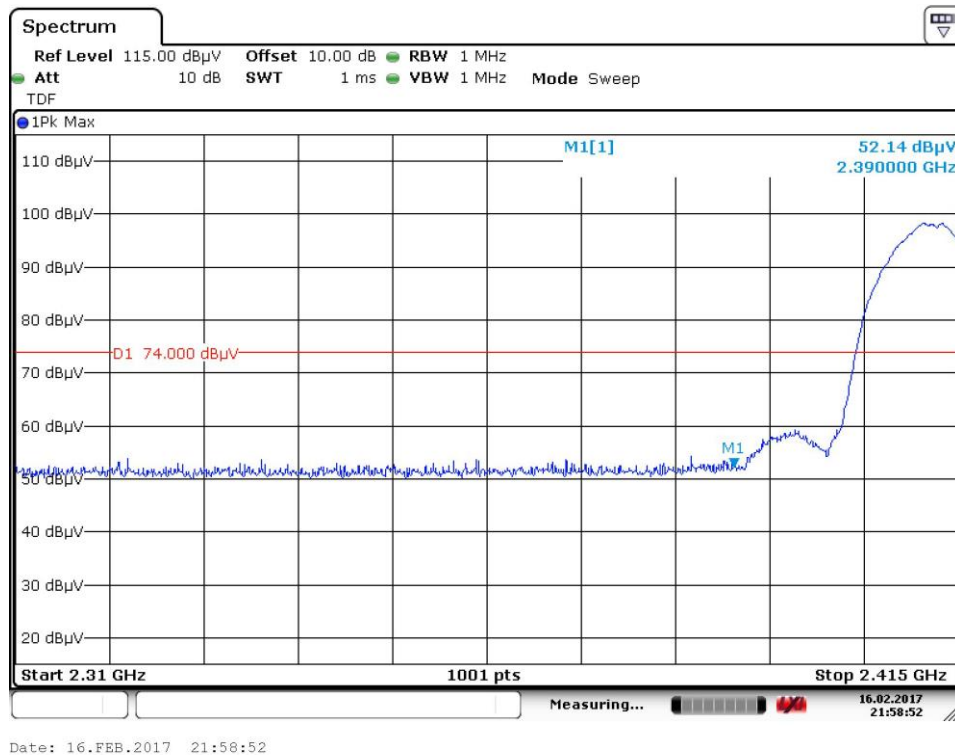
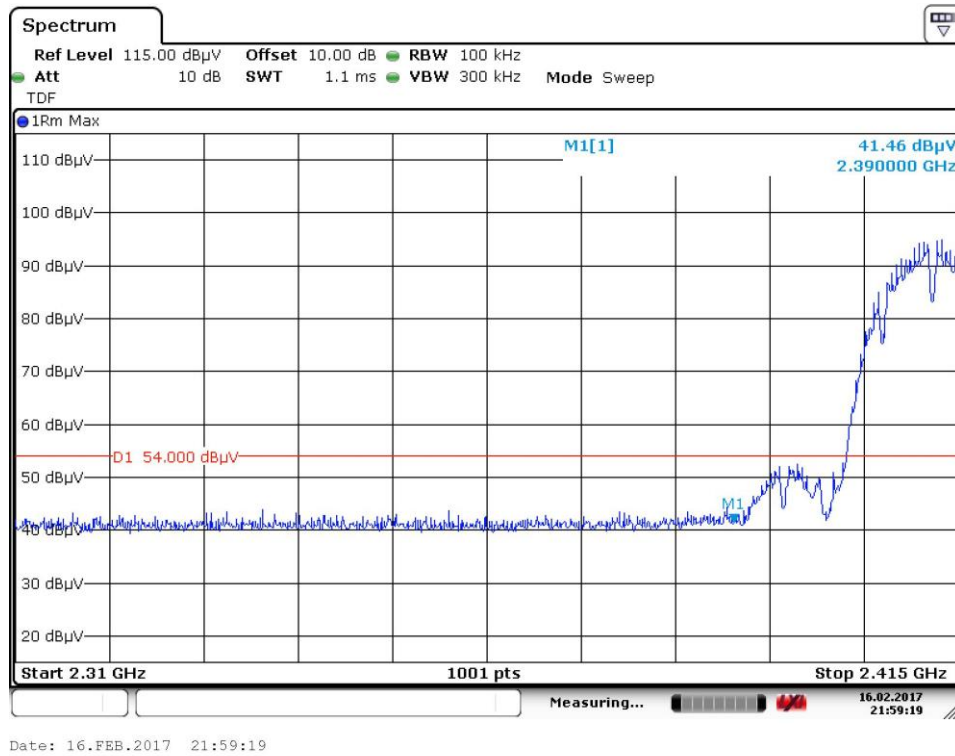
(File: 50073671AppendixD)

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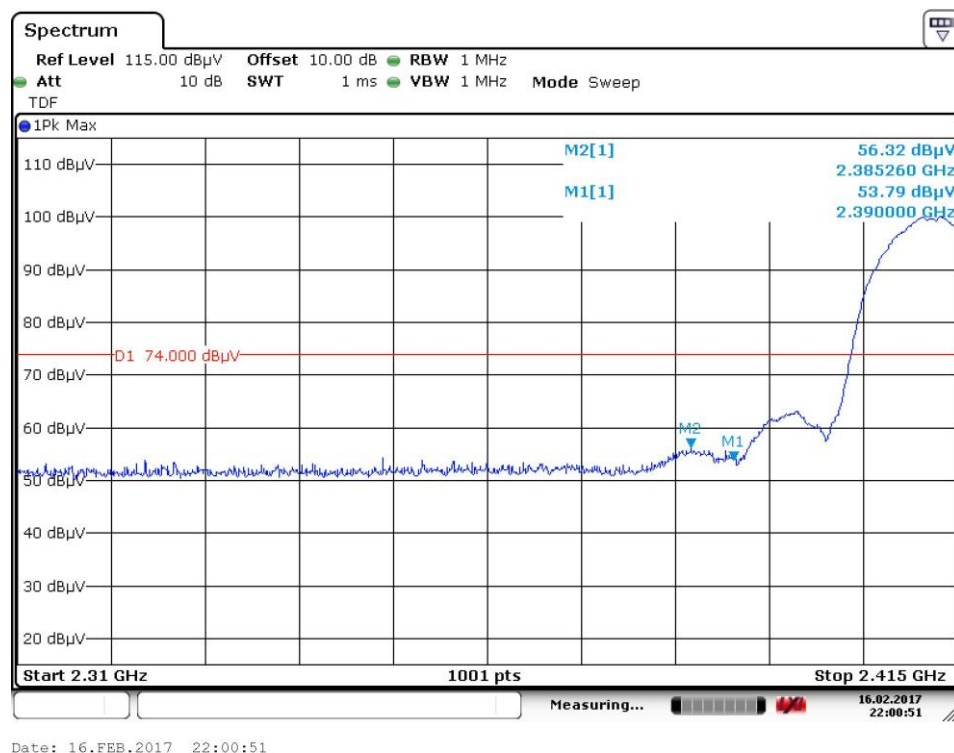
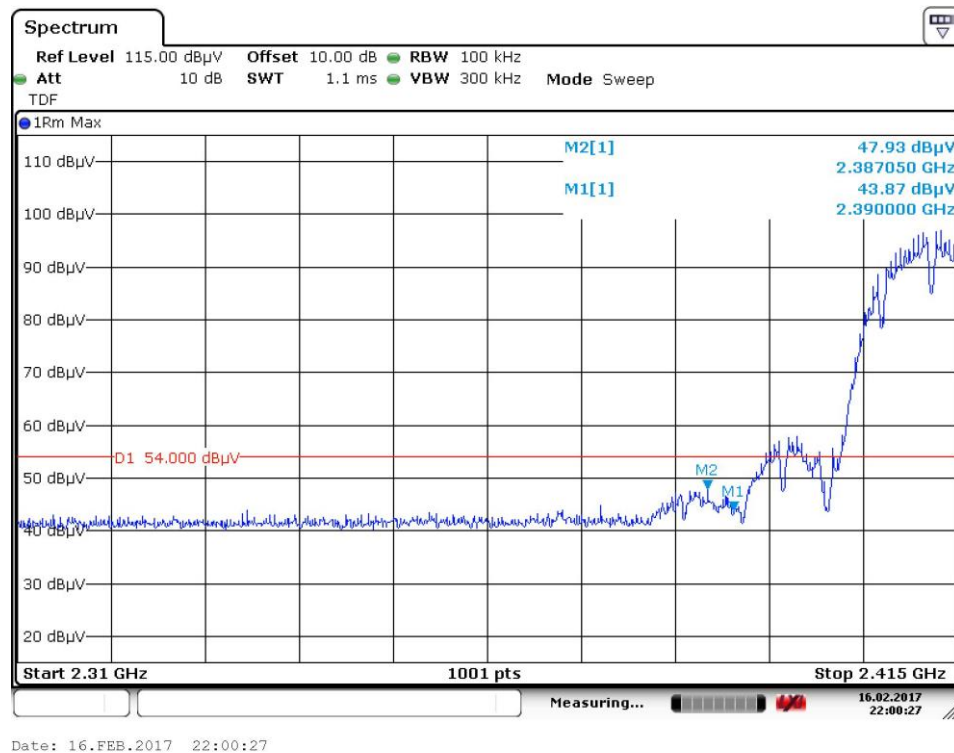
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Radiated Bandedge 11b

Low Channel (Hor) 2412

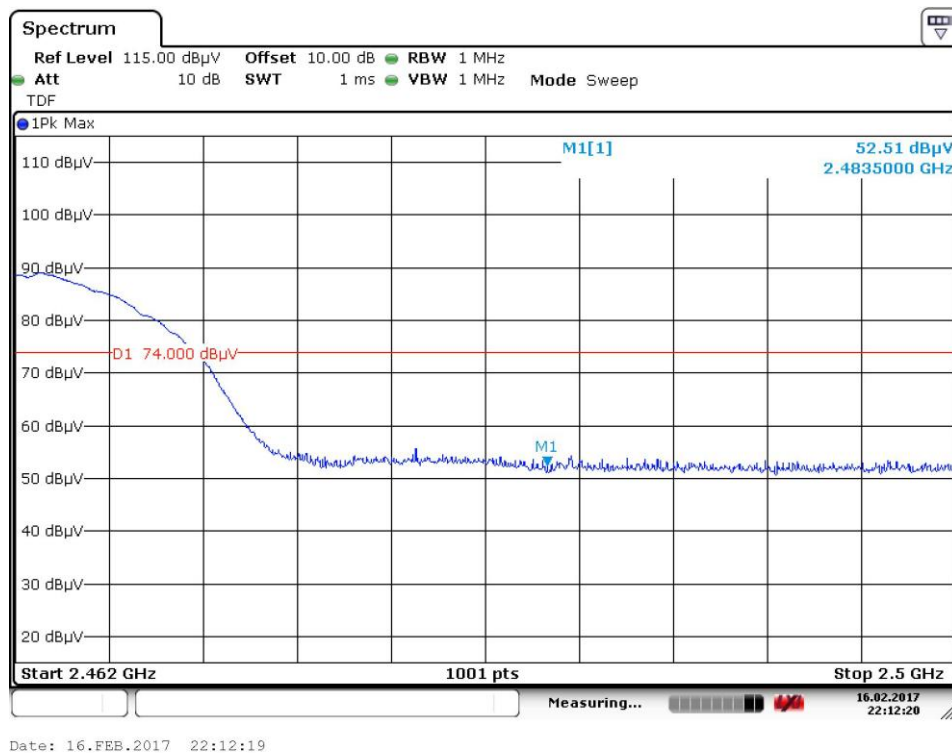
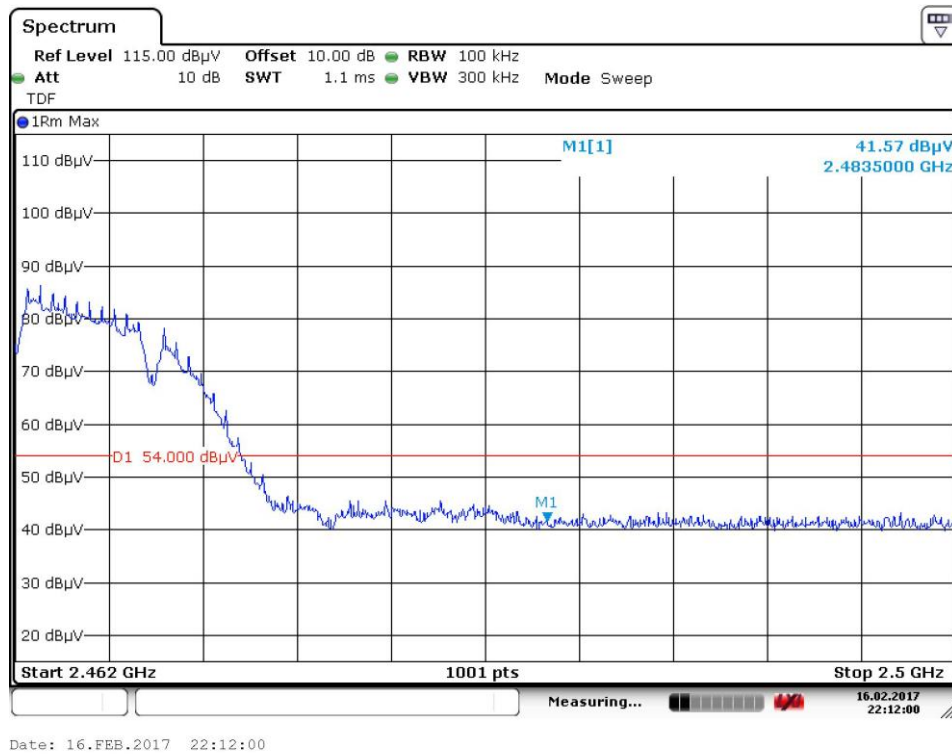


Low Channel (Ver) 2412

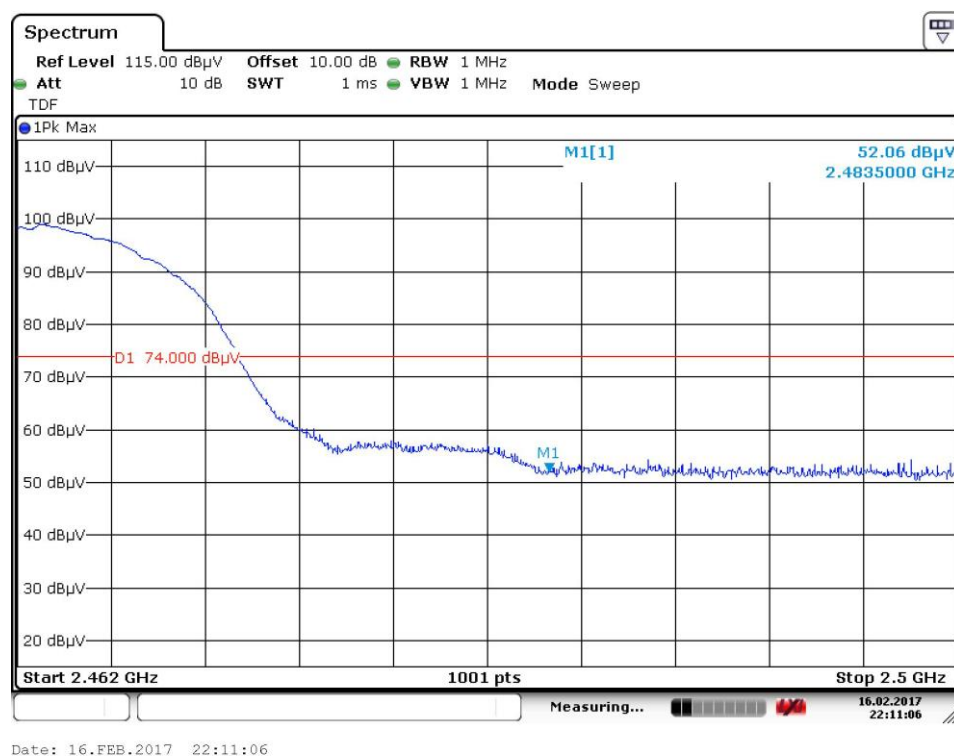
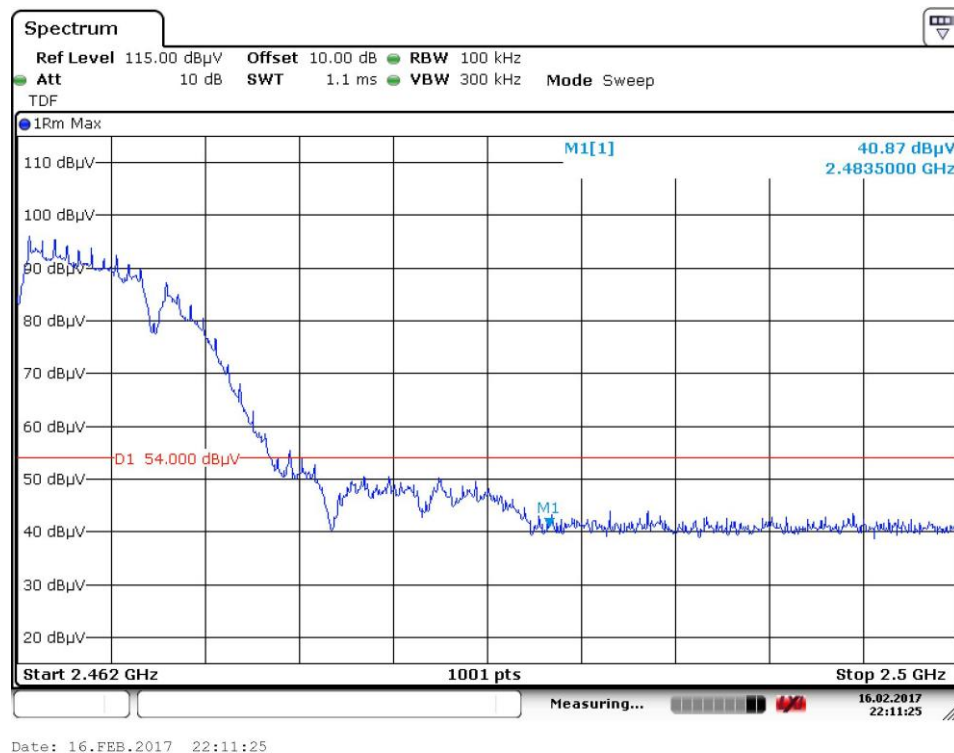


Radiated Bandedge 11b

High Channel (Hor) 2462

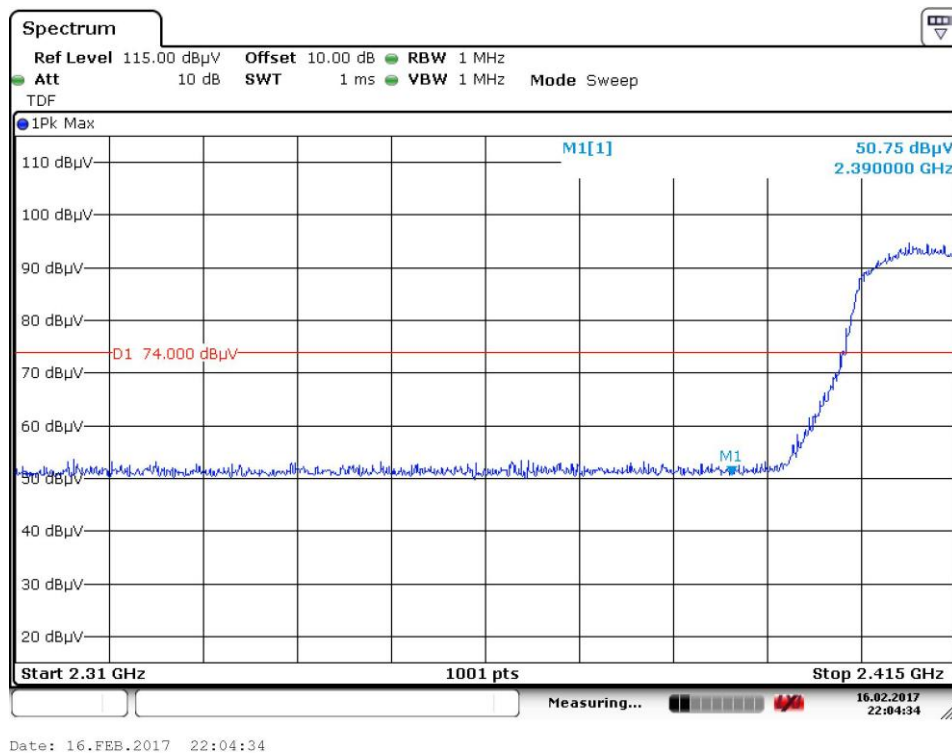
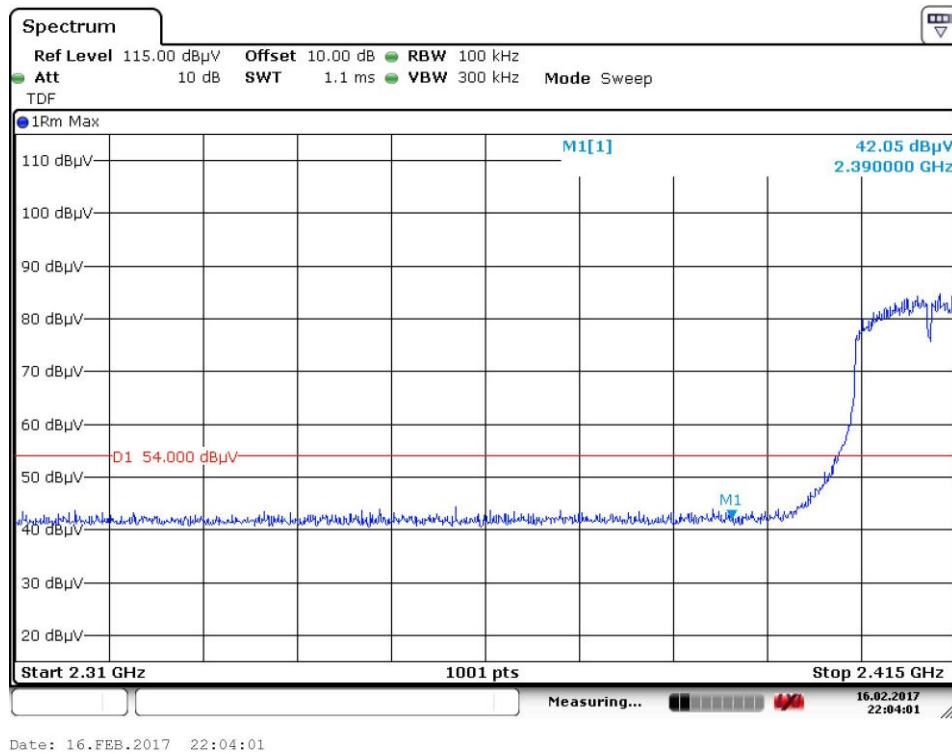


High Channel (Ver) 2462

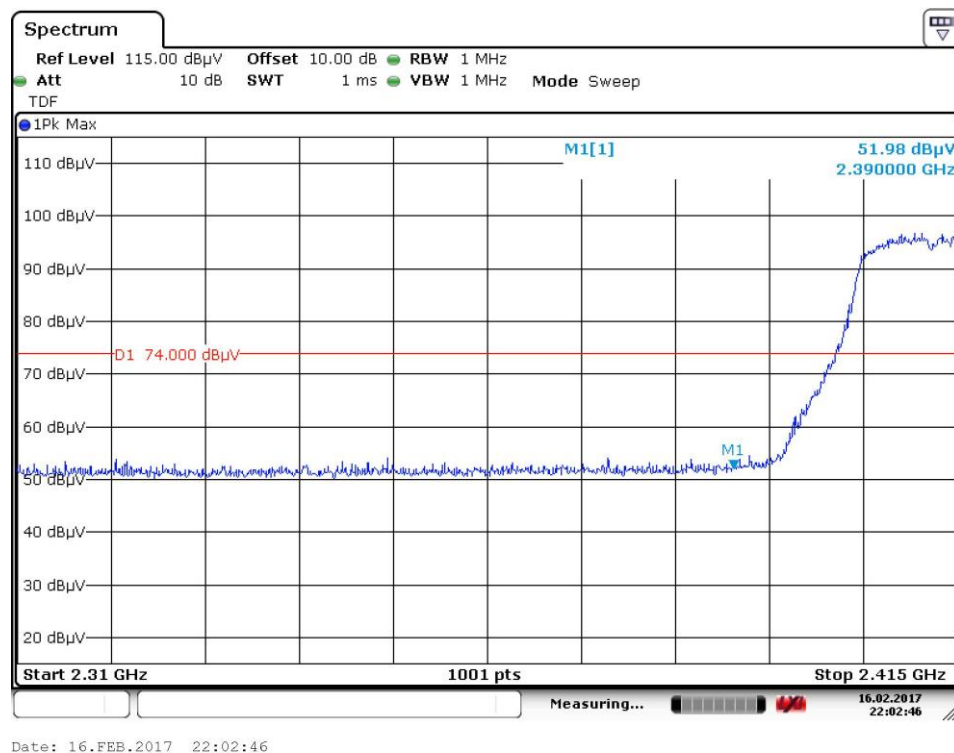
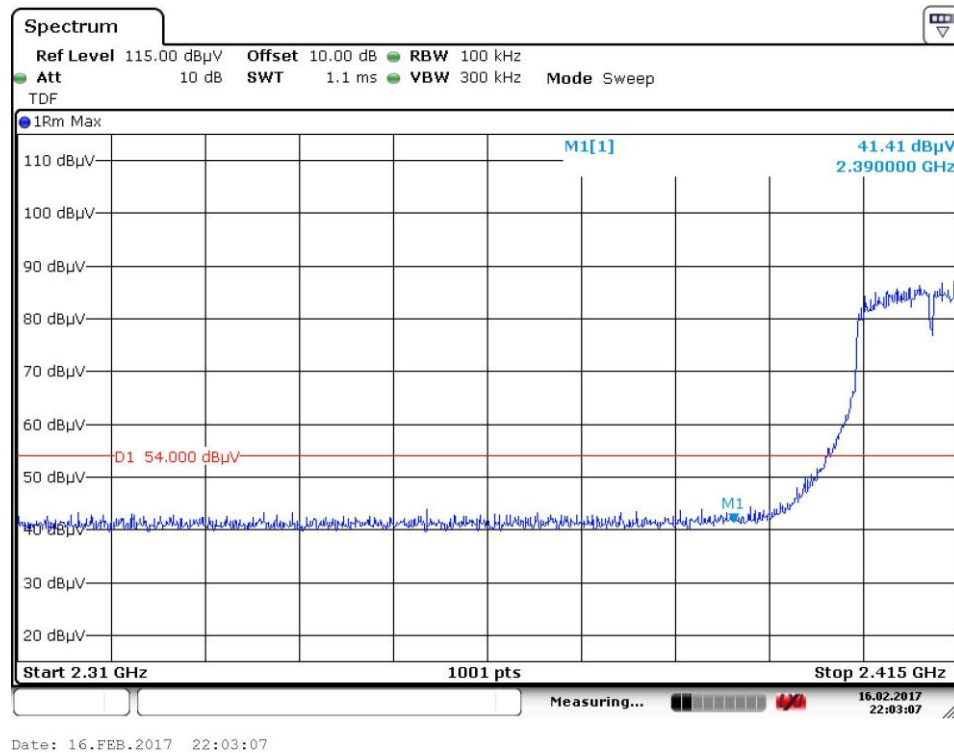


Radiated Bandedge 11g

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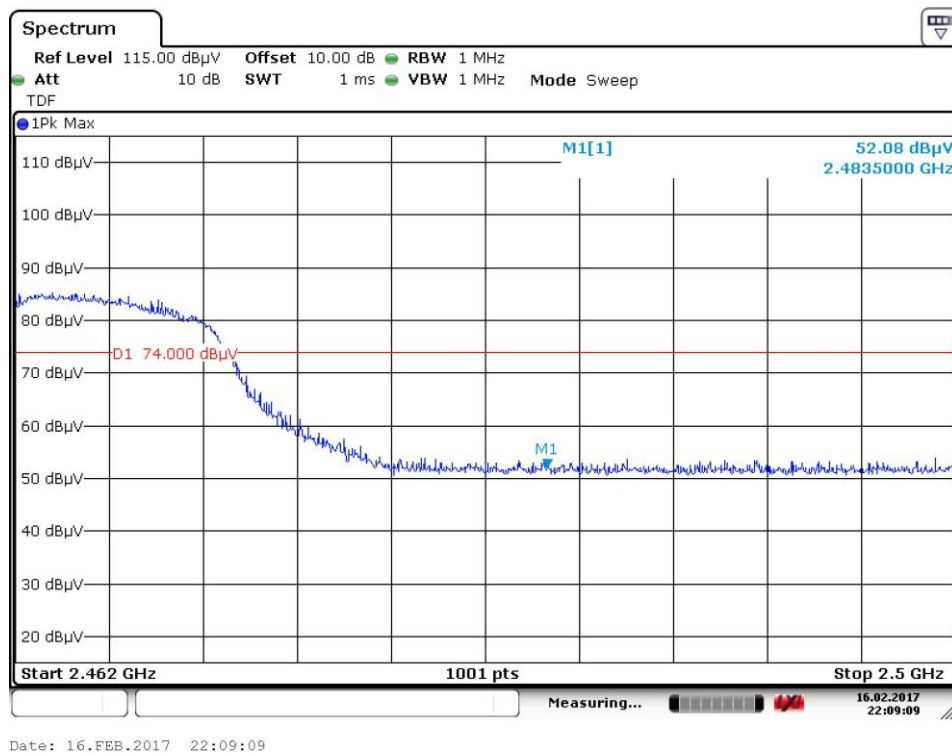
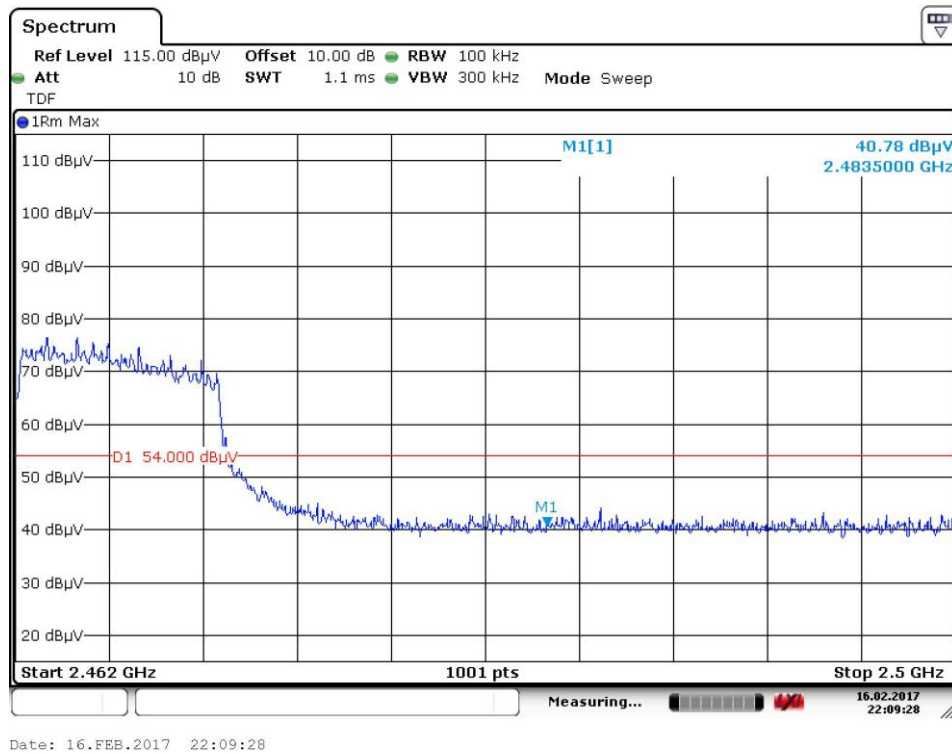


Low Channel (Ver) 2412

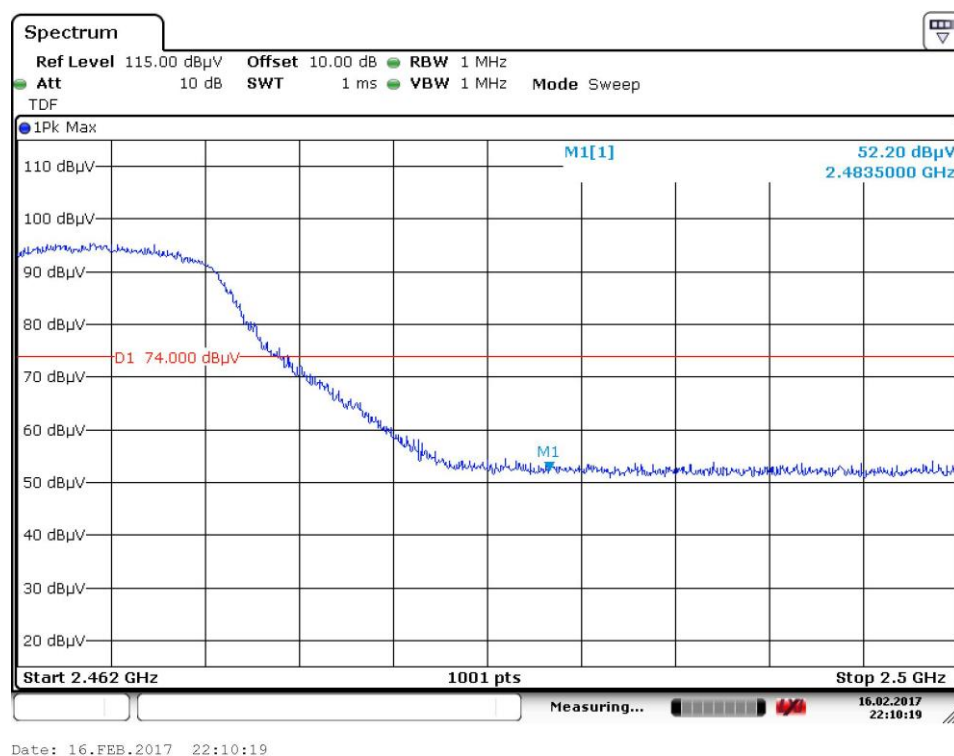
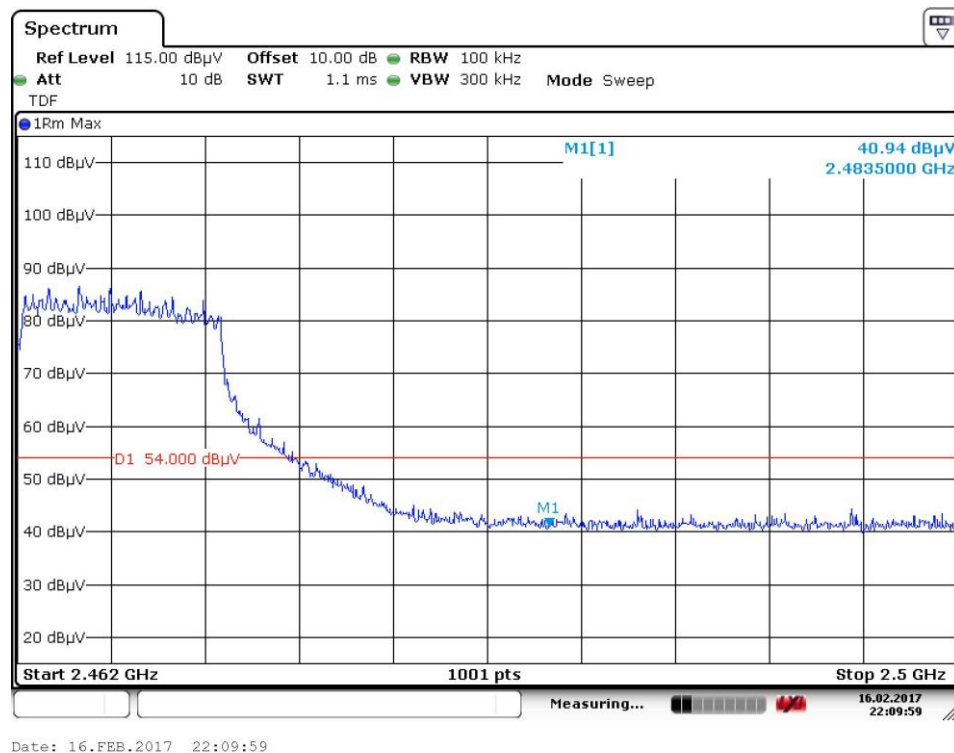


Radiated Bandedge 11g

High Channel (Hor) 2462

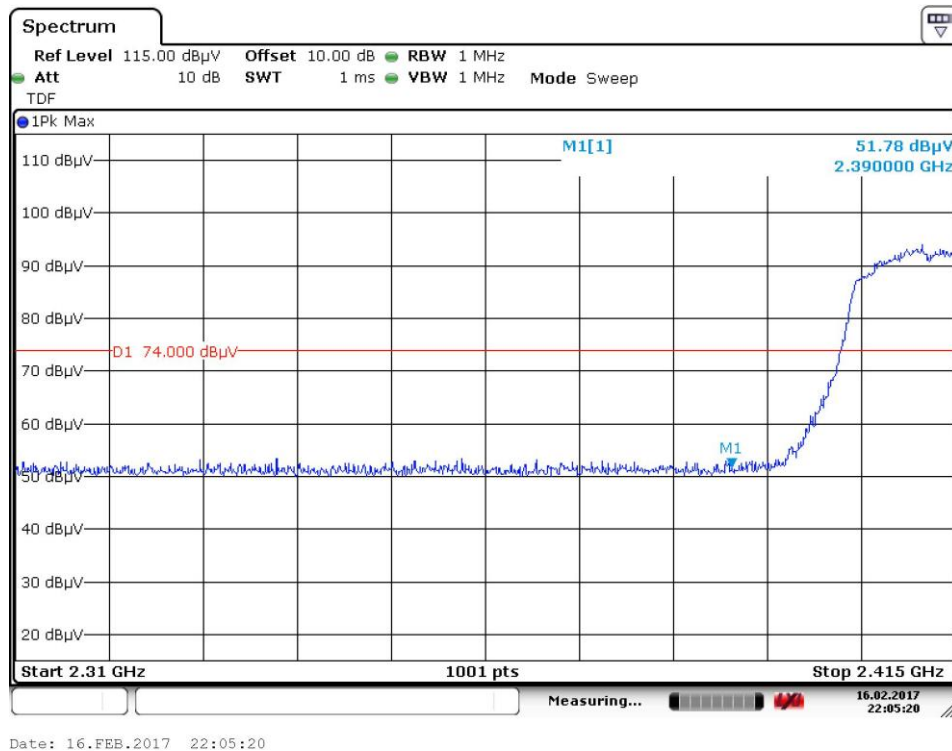
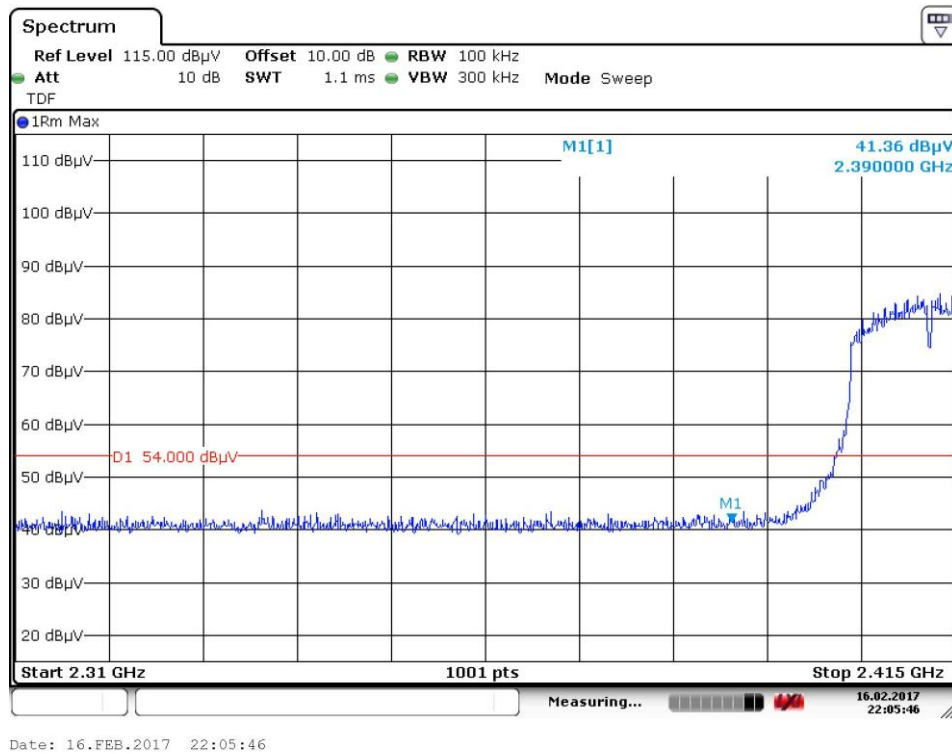


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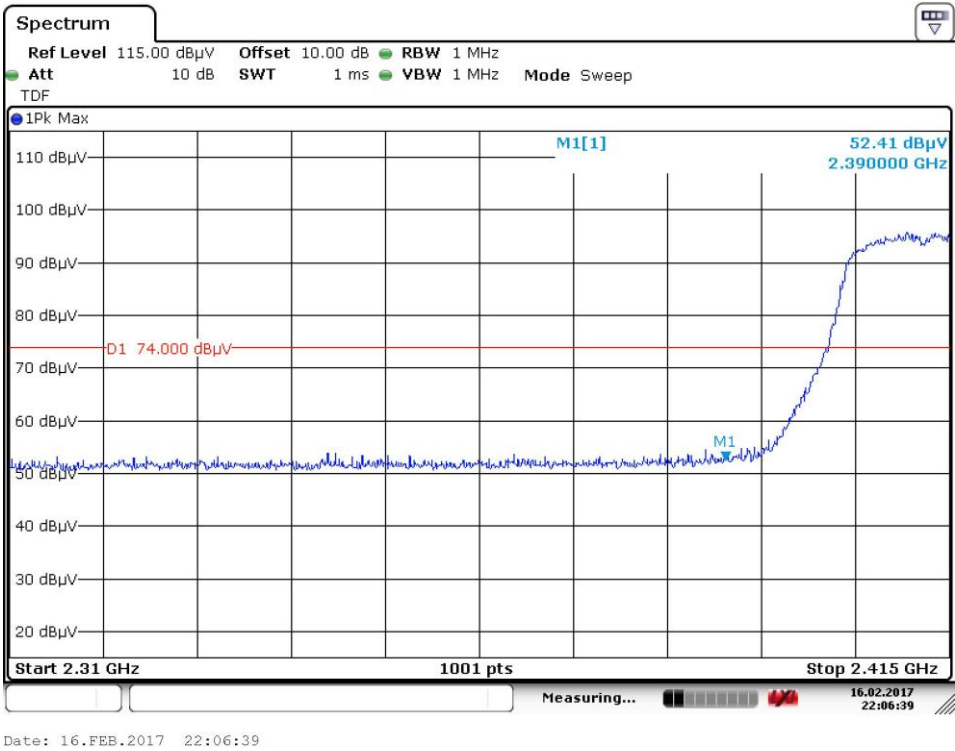
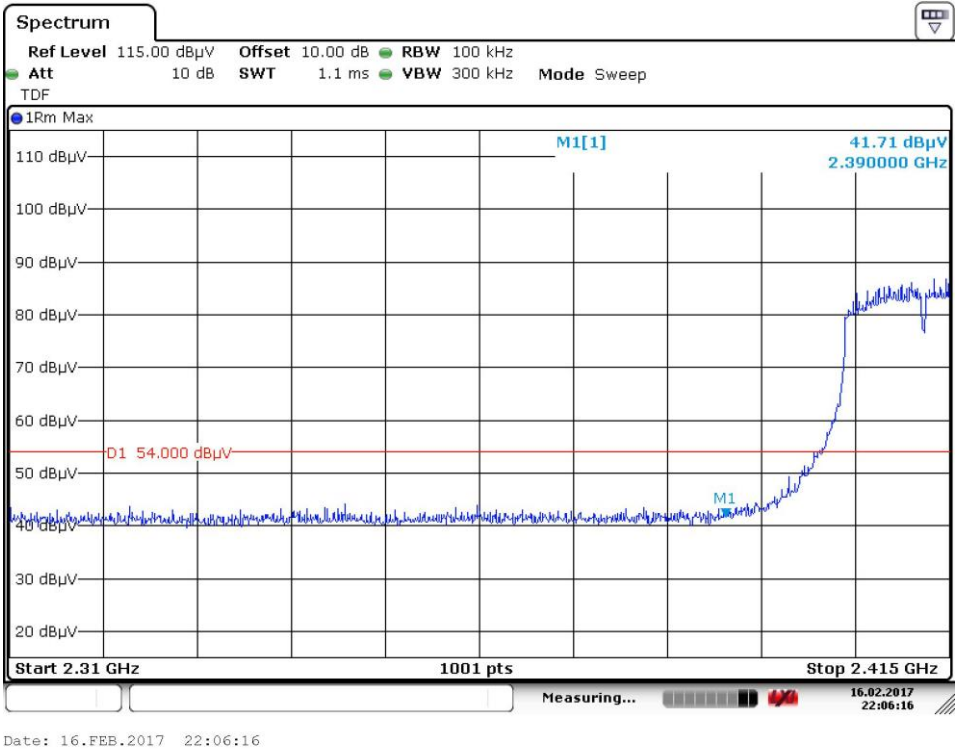


Radiated Bandedge 11HT20

Low Channel (Hor) 2412

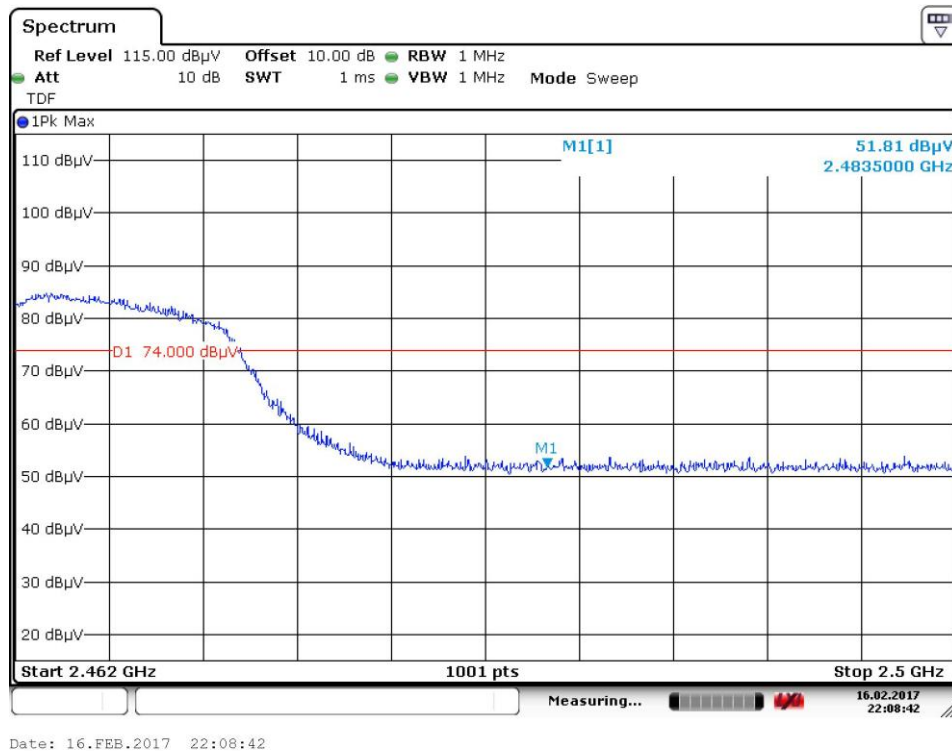
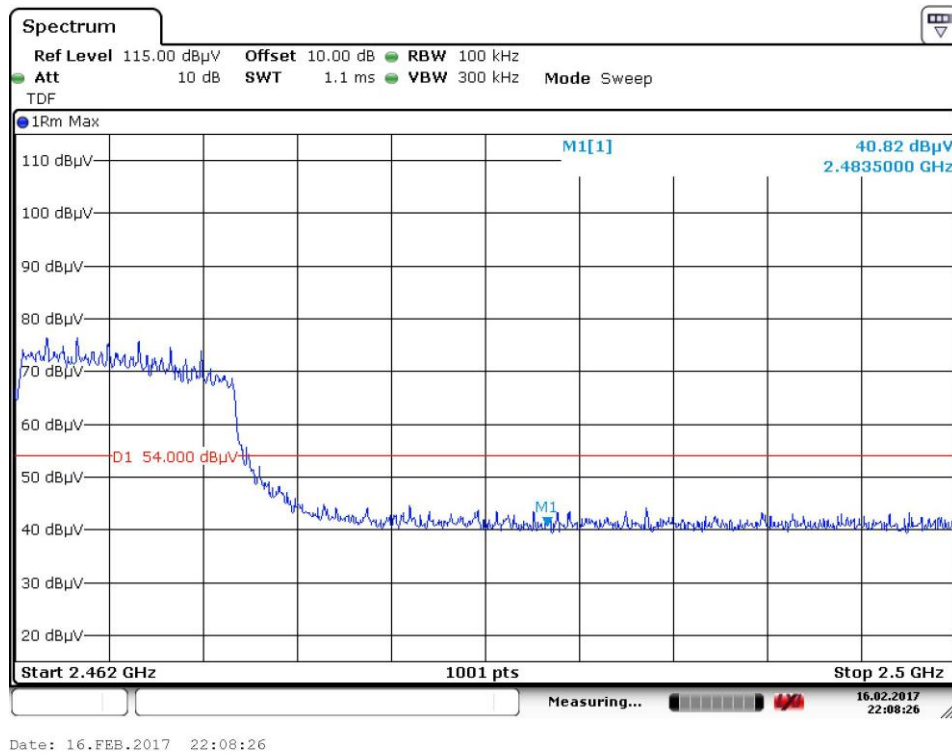


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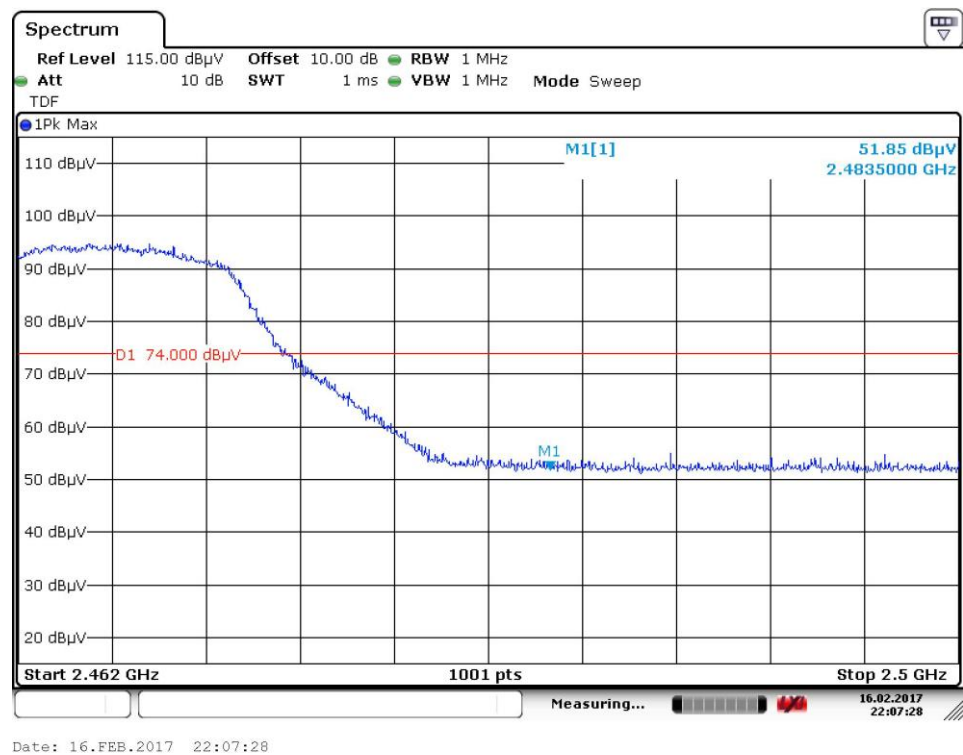
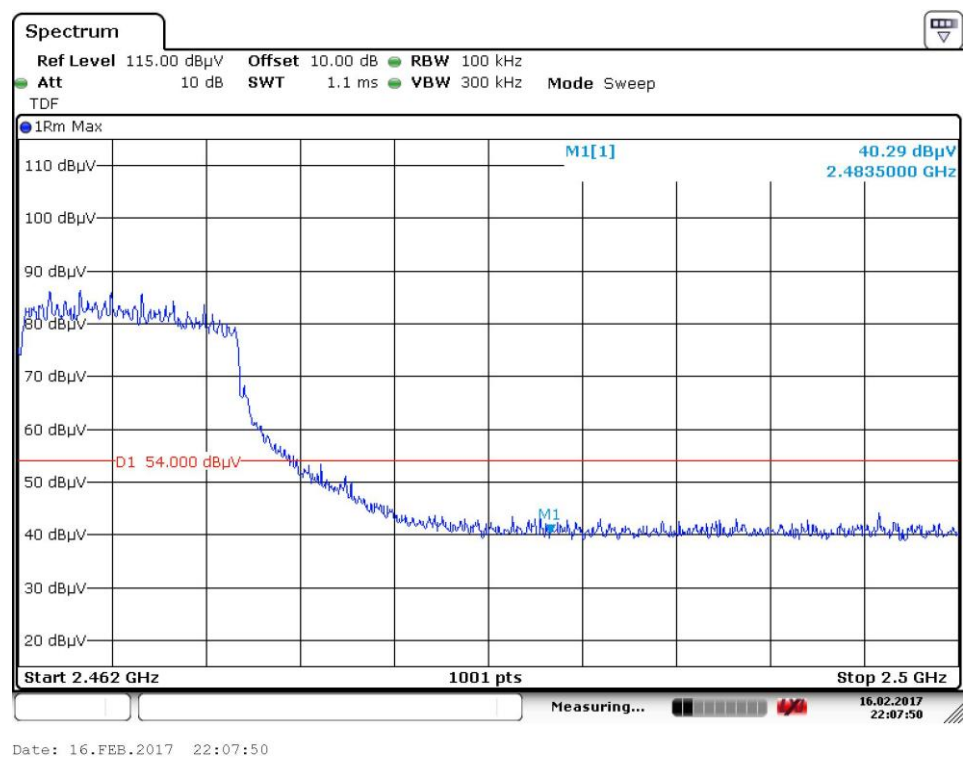


Radiated Bandedge HT20

High Channel (Hor) 2462



High Channel (Ver) 2462



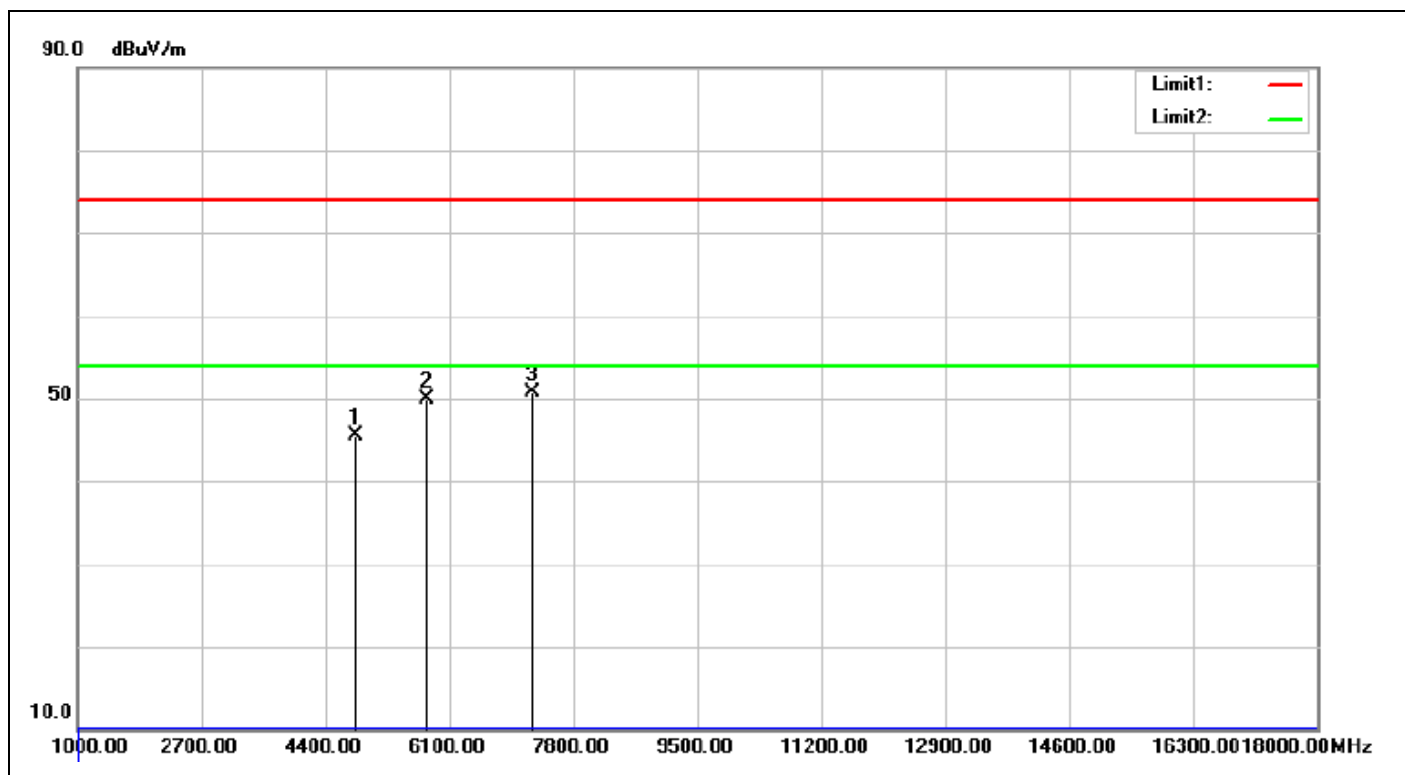
Spurious Emissions, TX Mode, 1-18G



TUV Taiwan

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

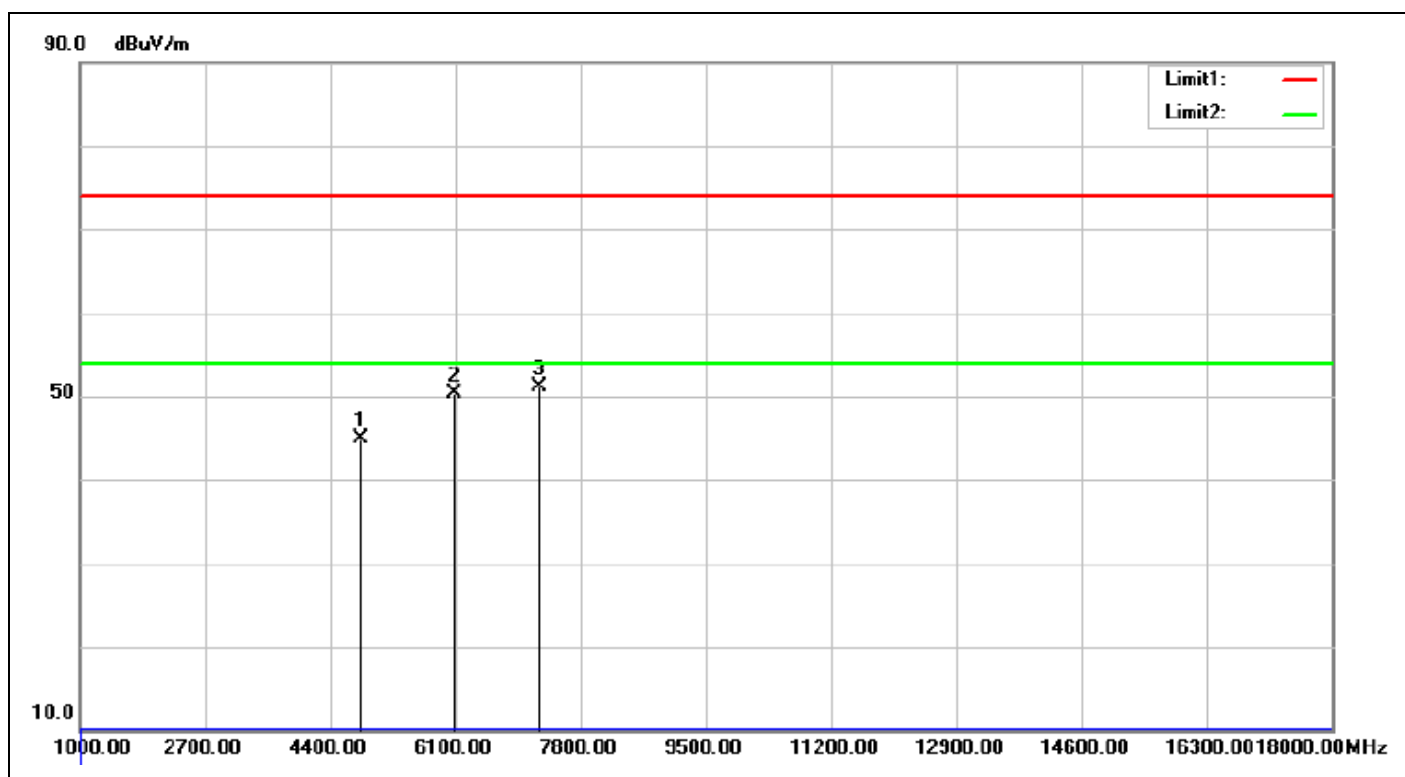
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.: 114058593(MH1-AAA)-WiFi
 Test Standard: FCC Above 1G PEAK
 Test item: Radiation Emission
 Applicant: Molekule
 Product: Molekule Home One Air Purifier
 Model No.: MH1-AAA
 Test Mode: B-2412-TX
 Remark:

Test Distance: 3m
 Ant. Polarization: Horizontal
 Test Time: 2017/2/16 22:14:20
 Test Rating: AC 120V/60Hz
 Temp.(°C)/Hum.(%): 20.6(°C)/52%
 Test Engineer: George Yang

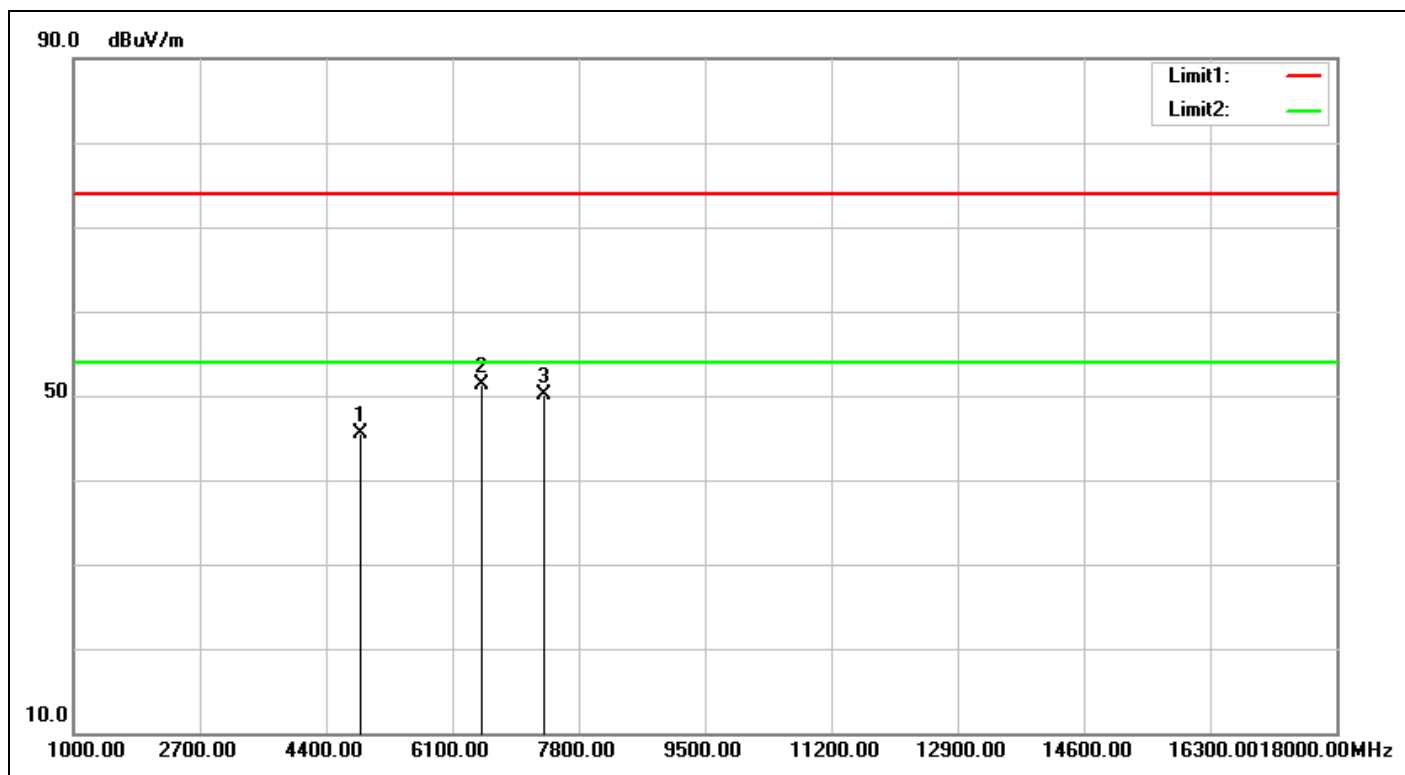
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1	4824.000	-2.61	48.13	45.52	74.00	-28.48	peak		0	
2	5794.000	5.26	47.35	49.83	74.00	-24.17	peak	100	76	
3	7236.000	5.67	45.11	50.78	74.00	-23.22	peak		0	



Service No.: 114058593(MH1-AAA)-WiFi
 Test Standard: FCC Above 1G PEAK
 Test item: Radiation Emission
 Applicant: Molekule
 Product: Molekule Home One Air Purifier
 Model No.: MH1-AAA
 Test Mode: B-2412-TX
 Remark:

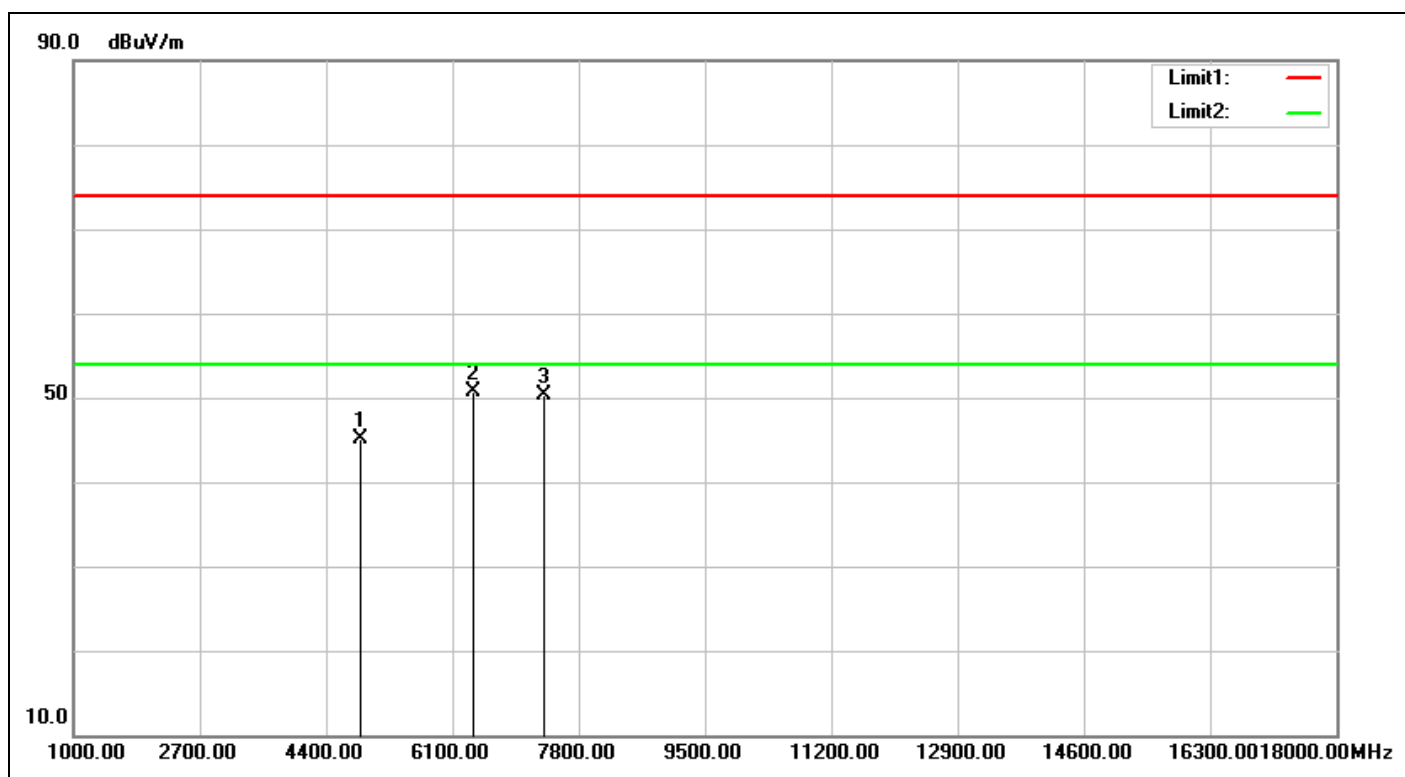
Test Distance: 3m
 Ant. Polarization: Vertical
 Test Time: 2017/2/16 22:15:23
 Test Rating: AC 120V/60Hz
 Temp.(°C)/Hum.(%): 20.6(°C)/52%
 Test Engineer: George Yang

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4824.000	-2.61	44.89	44.89	74.00	-29.11	peak			
2	6083.000	4.18	50.34	50.34	74.00	-23.66	peak	100	265	
3	7236.000	5.67	51.07	51.07	74.00	-22.93	peak			



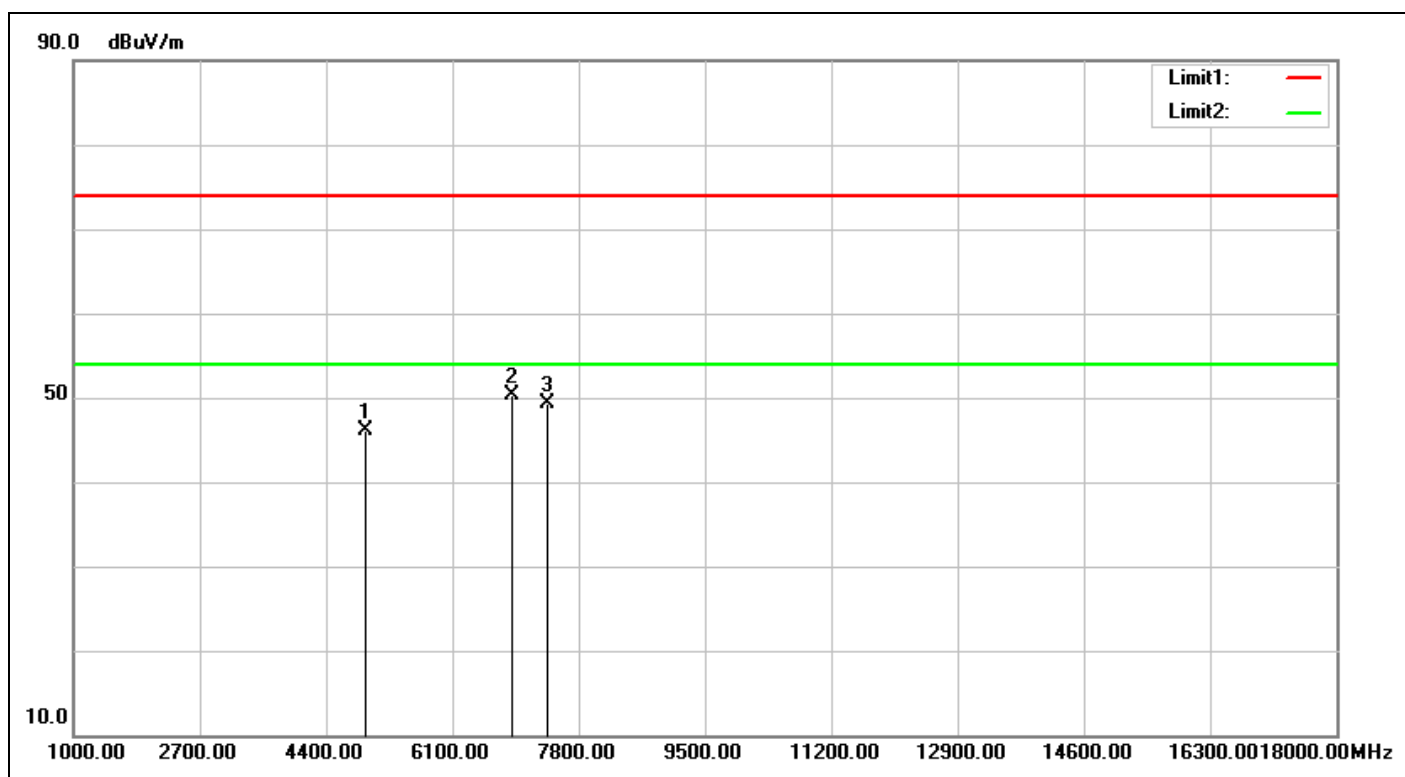
Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/2/16 22:17:08
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%):	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	B-2437-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4874.000	-2.50	47.98	45.48	74.00	-28.52	peak			
2	6491.000	5.52	45.70	51.22	74.00	-22.78	peak	100	103	
3	7311.000	5.90	44.11	50.01	74.00	-23.99	peak			



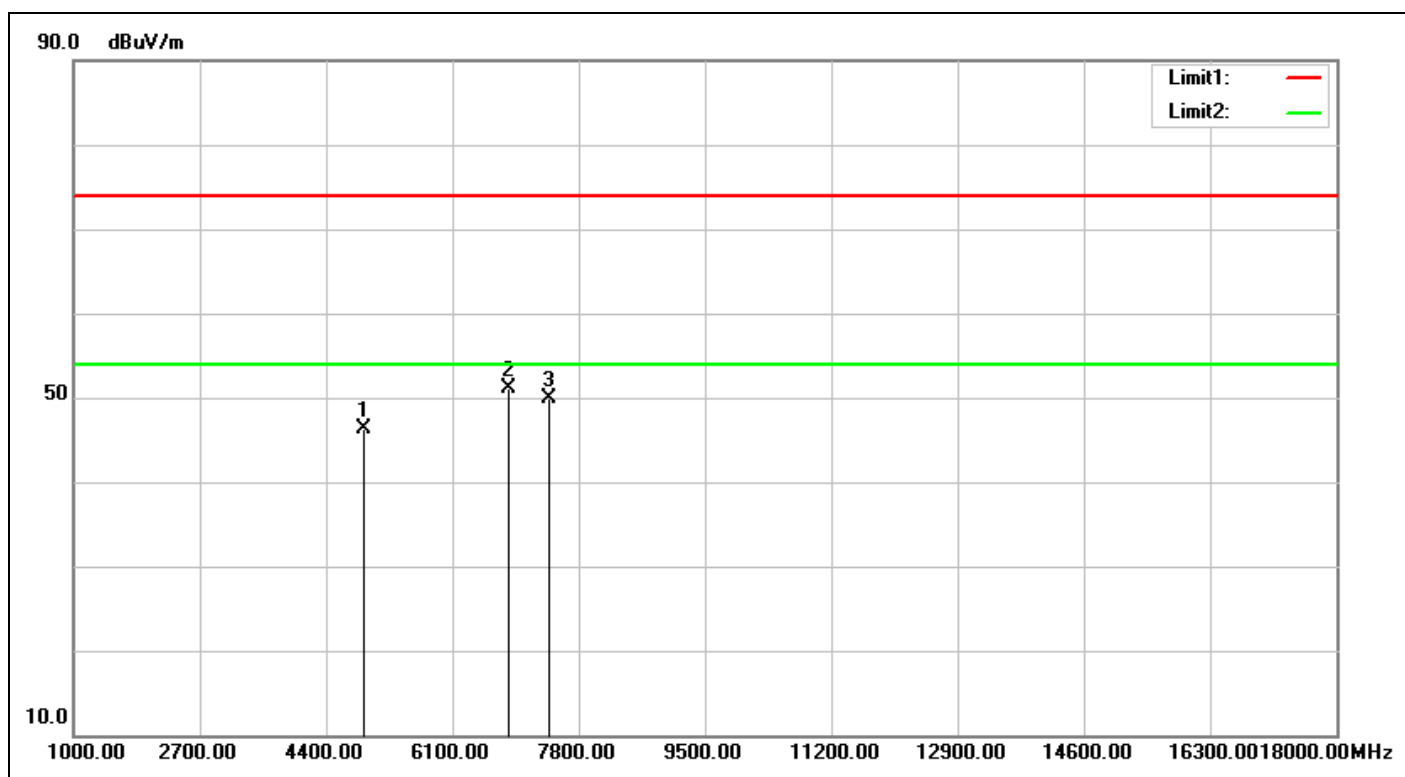
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/2/16 22:18:10
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	B-2437-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4874.000	-2.50	47.56	45.06	74.00	-28.94	peak			
2	6372.000	5.12	45.66	50.78	74.00	-23.22	peak	100	326	
3	7311.000	5.90	44.34	50.24	74.00	-23.76	peak			



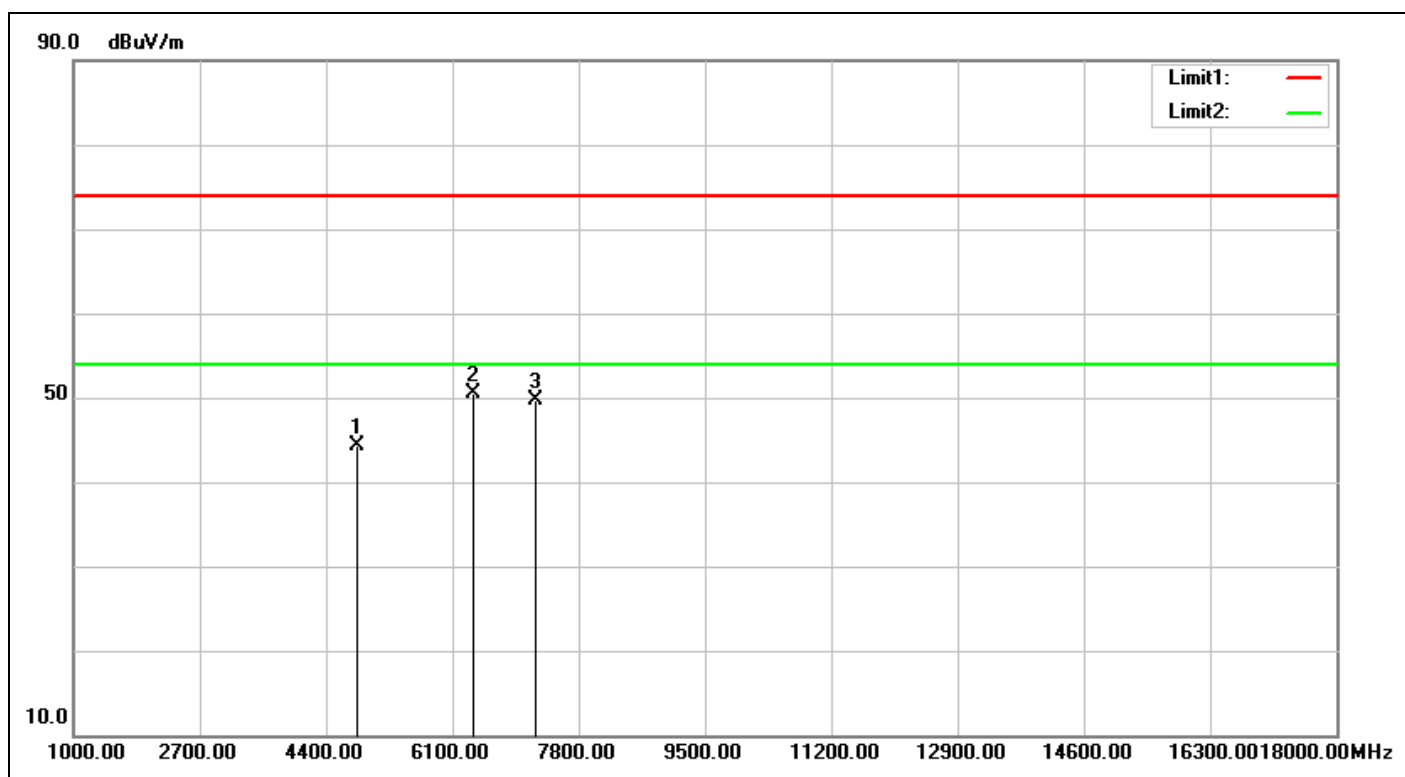
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/2/16 22:20:03
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	B-2462-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4924.000	-2.39	48.47	46.08	74.00	-27.92	peak			
2	6899.000	5.09	45.26	50.35	74.00	-23.65	peak	100	307	
3	7386.000	6.11	43.24	49.35	74.00	-24.65	peak			



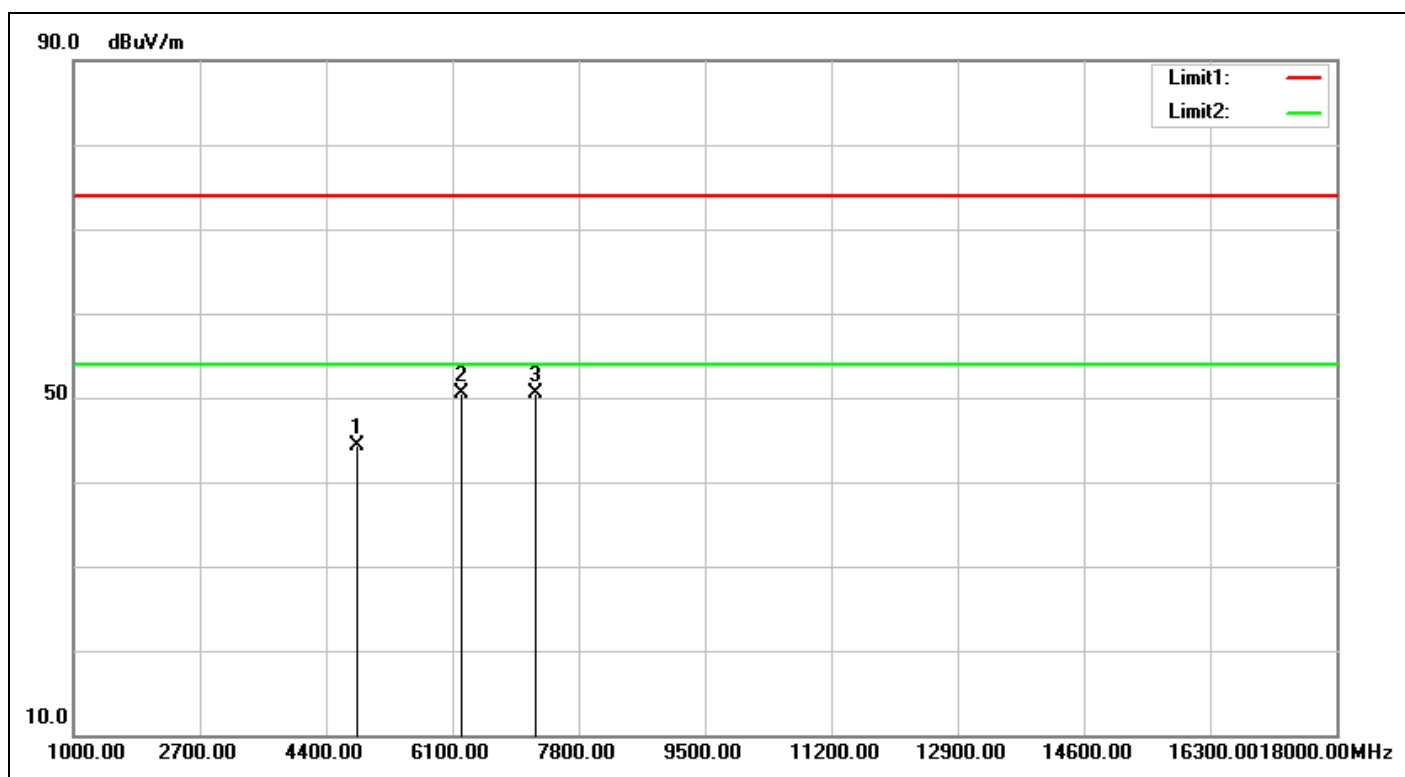
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/2/16 22:21:06
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	B-2462-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4924.000	-2.39	48.64	46.25	74.00	-27.75	peak			
2	6865.000	5.12	45.94	51.06	74.00	-22.94	peak	100	276	
3	7386.000	6.11	43.85	49.96	74.00	-24.04	peak			



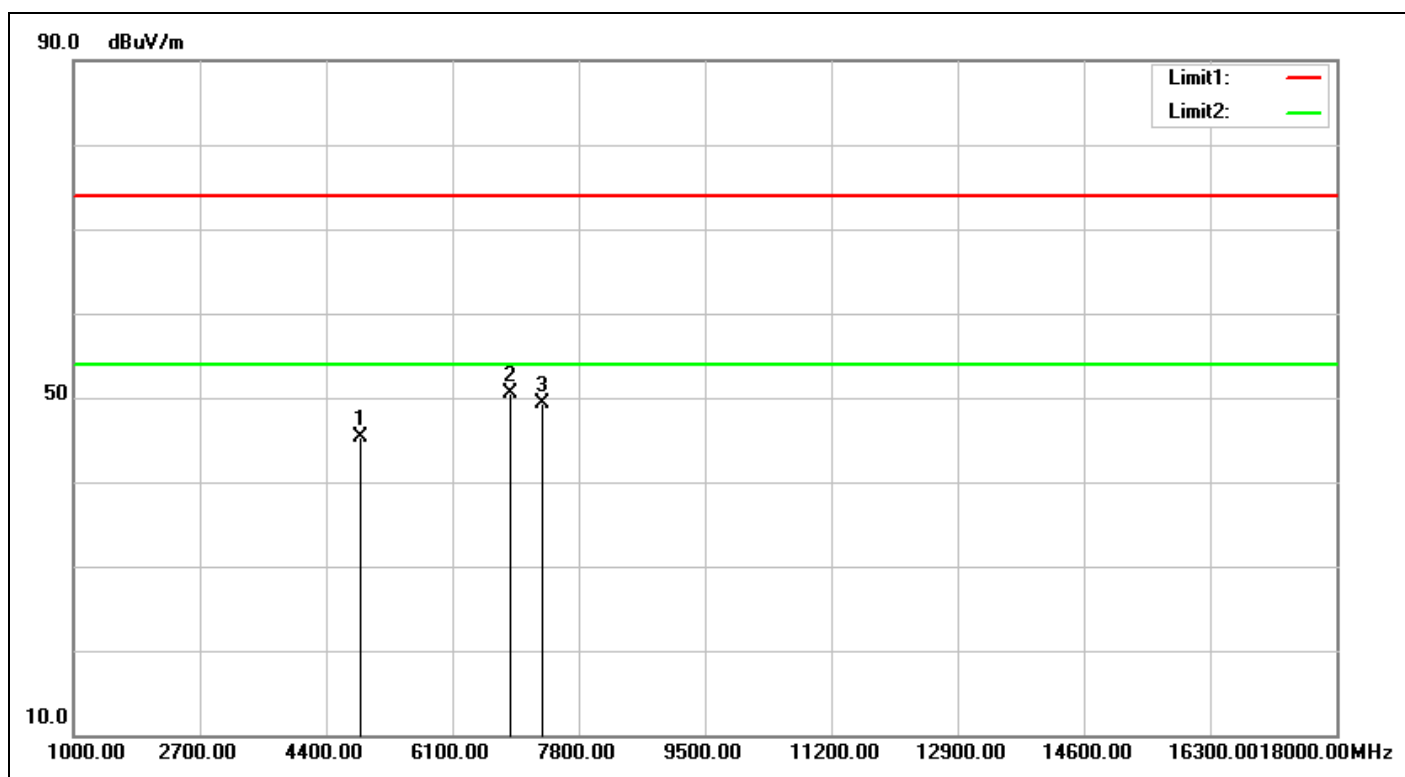
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Test item:	Radiation Emission	Test Time:	2017/2/16 22:29:04
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G-2412-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4824.000	-2.61	46.93	44.32	74.00	-29.68	peak			
2	6389.000	5.18	45.24	50.42	74.00	-23.58	peak	100	257	
3	7236.000	5.67	43.98	49.65	74.00	-24.35	peak			



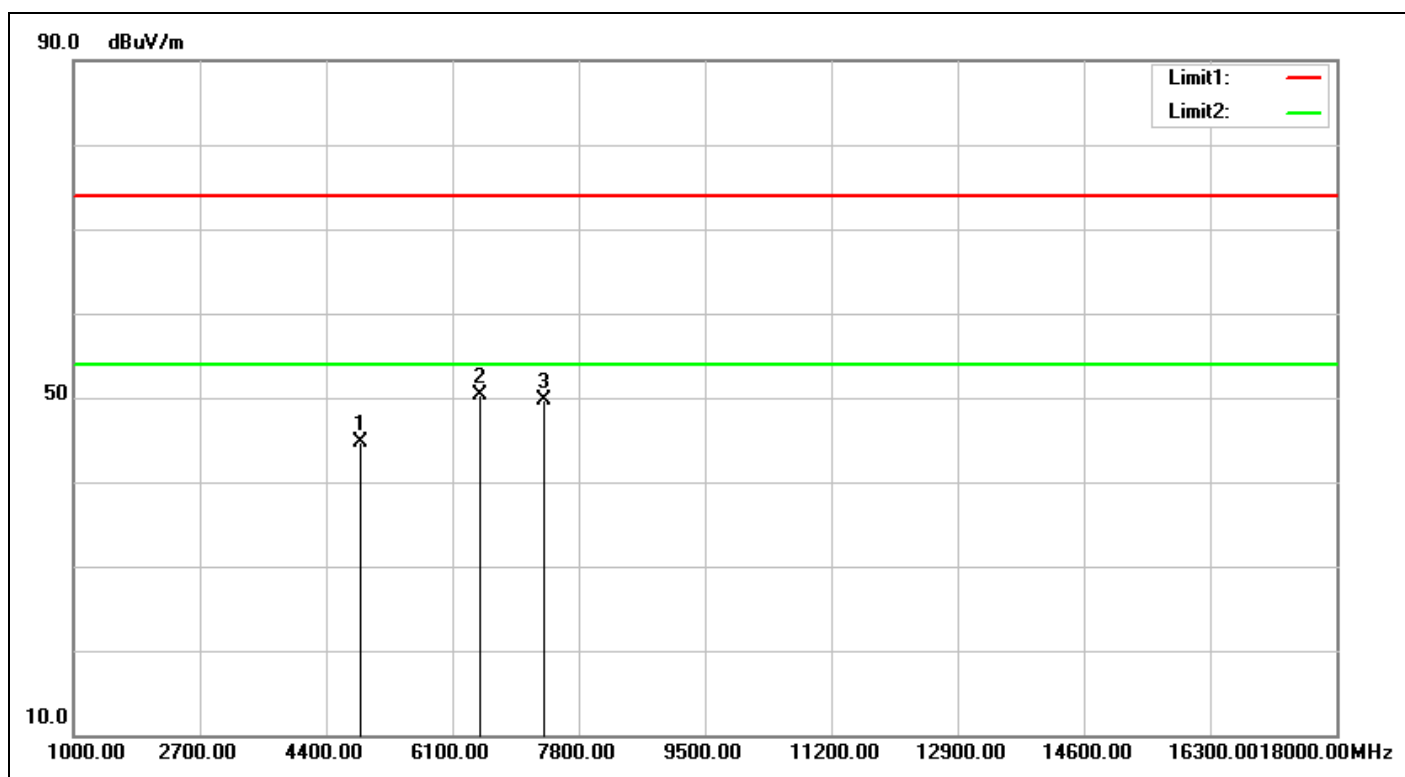
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/2/16 22:30:07
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G-2412-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4824.000	-2.61	46.99	44.38	74.00	-29.62	peak			
2	6219.000	4.62	45.97	50.59	74.00	-23.41	peak	100	174	
3	7236.000	5.67	44.79	50.46	74.00	-23.54	peak			



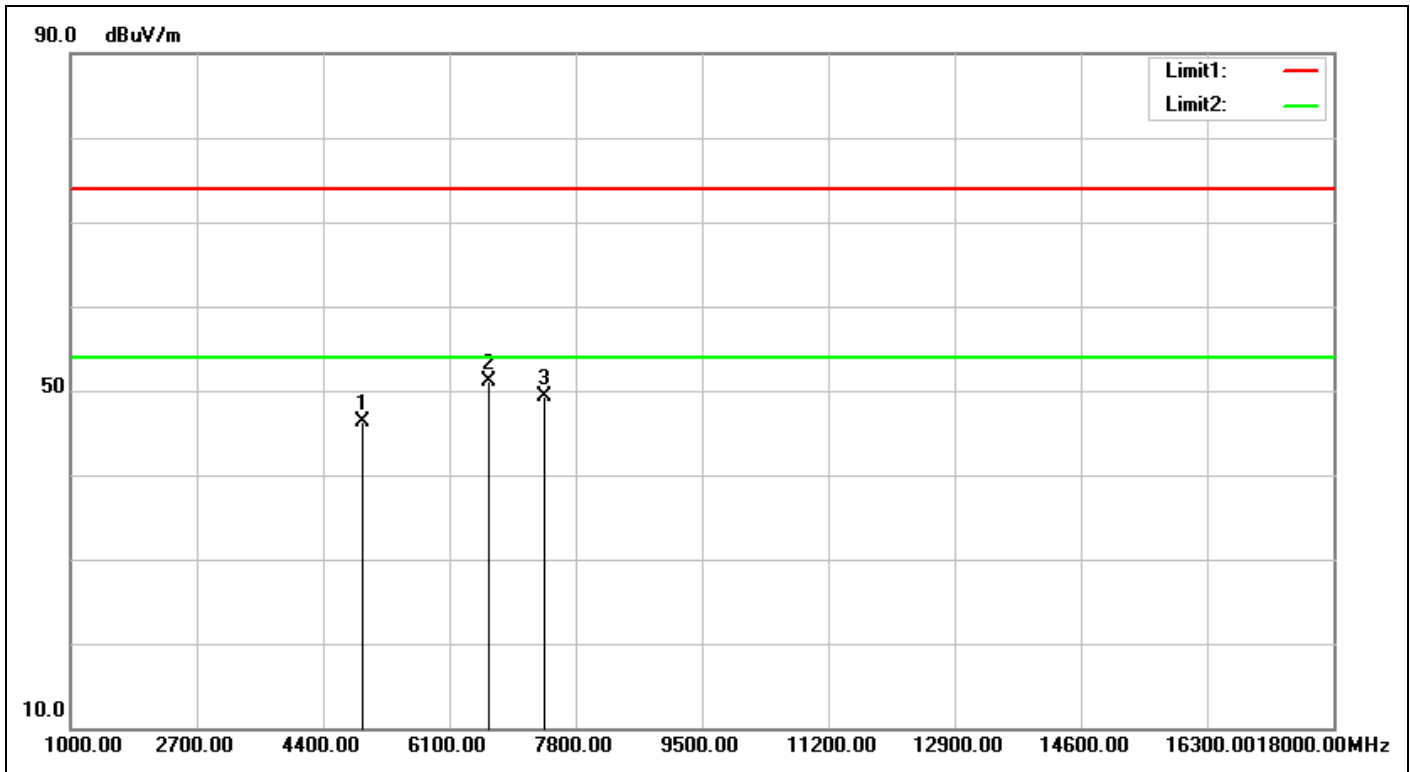
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/2/16 22:25:46
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G-2437-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4874.000	-2.50	47.72	45.22	74.00	-28.78	peak			
2	6882.000	5.11	45.30	50.41	74.00	-23.59	peak	100	340	
3	7311.000	5.90	43.46	49.36	74.00	-24.64	peak			



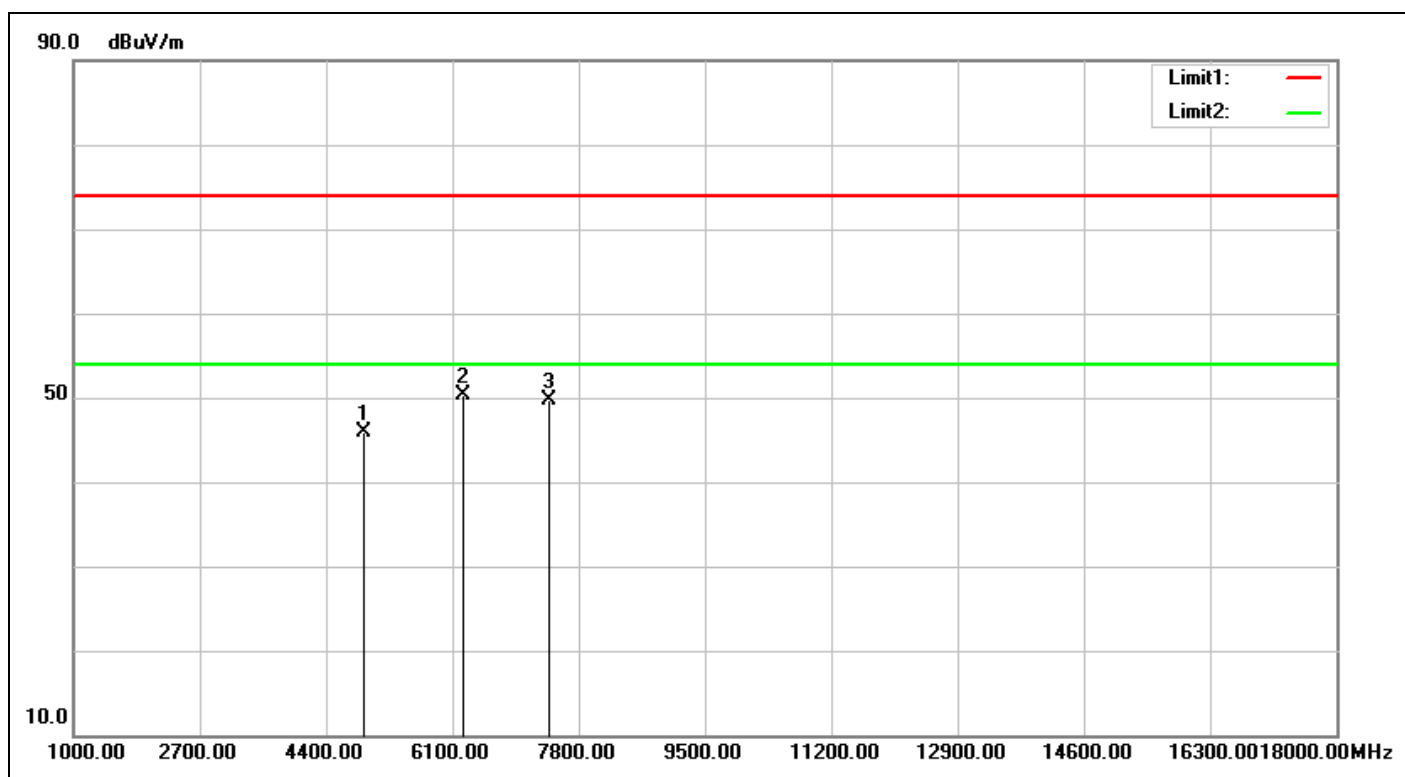
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/2/16 22:26:49
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G-2437-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4874.000	-2.50	47.17	44.67	74.00	-29.33	peak			
2	6474.000	5.46	44.86	50.32	74.00	-23.68	peak	100	359	
3	7311.000	5.90	43.71	49.61	74.00	-24.39	peak			



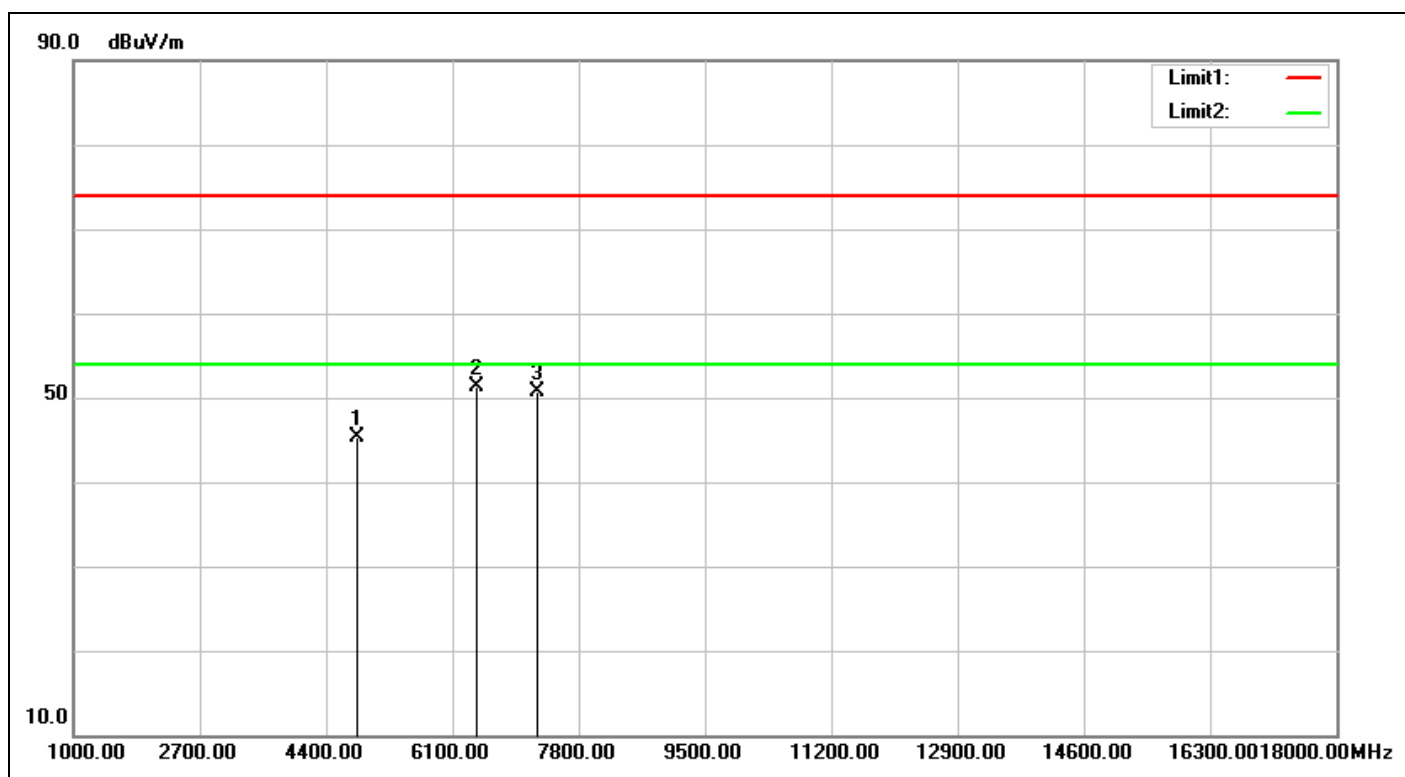
Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/2/16 22:22:54
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G-2462-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4924.000	-2.39	48.73	46.34	74.00	-27.66	peak			
2	6627.000	5.40	45.70	51.10	74.00	-22.90	peak	100	194	
3	7386.000	6.11	43.25	49.36	74.00	-24.64	peak			



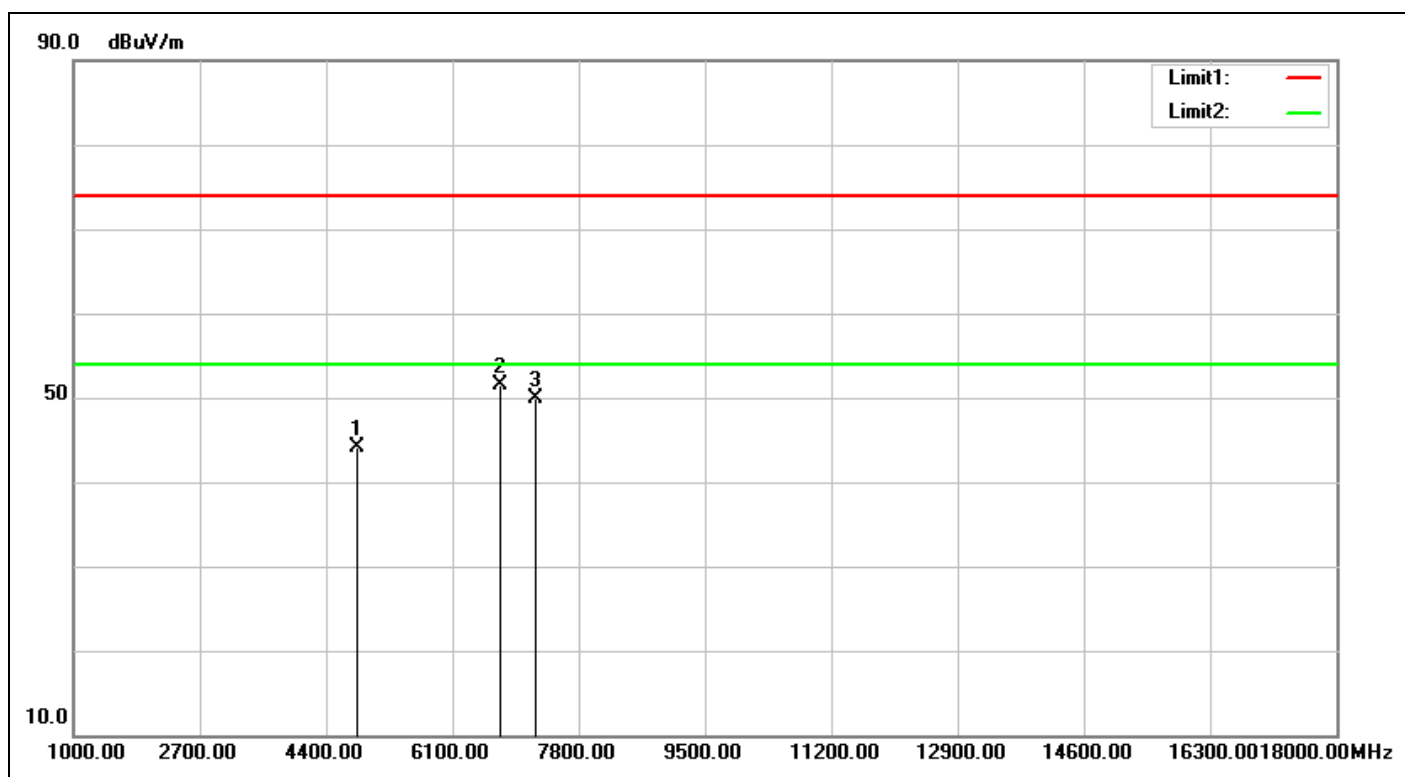
Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/2/16 22:23:57
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G-2462-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4924.000	-2.39	48.35	45.96	74.00	-28.04	peak			
2	6236.000	4.68	45.59	50.27	74.00	-23.73	peak	100	321	
3	7386.000	6.11	43.61	49.72	74.00	-24.28	peak			



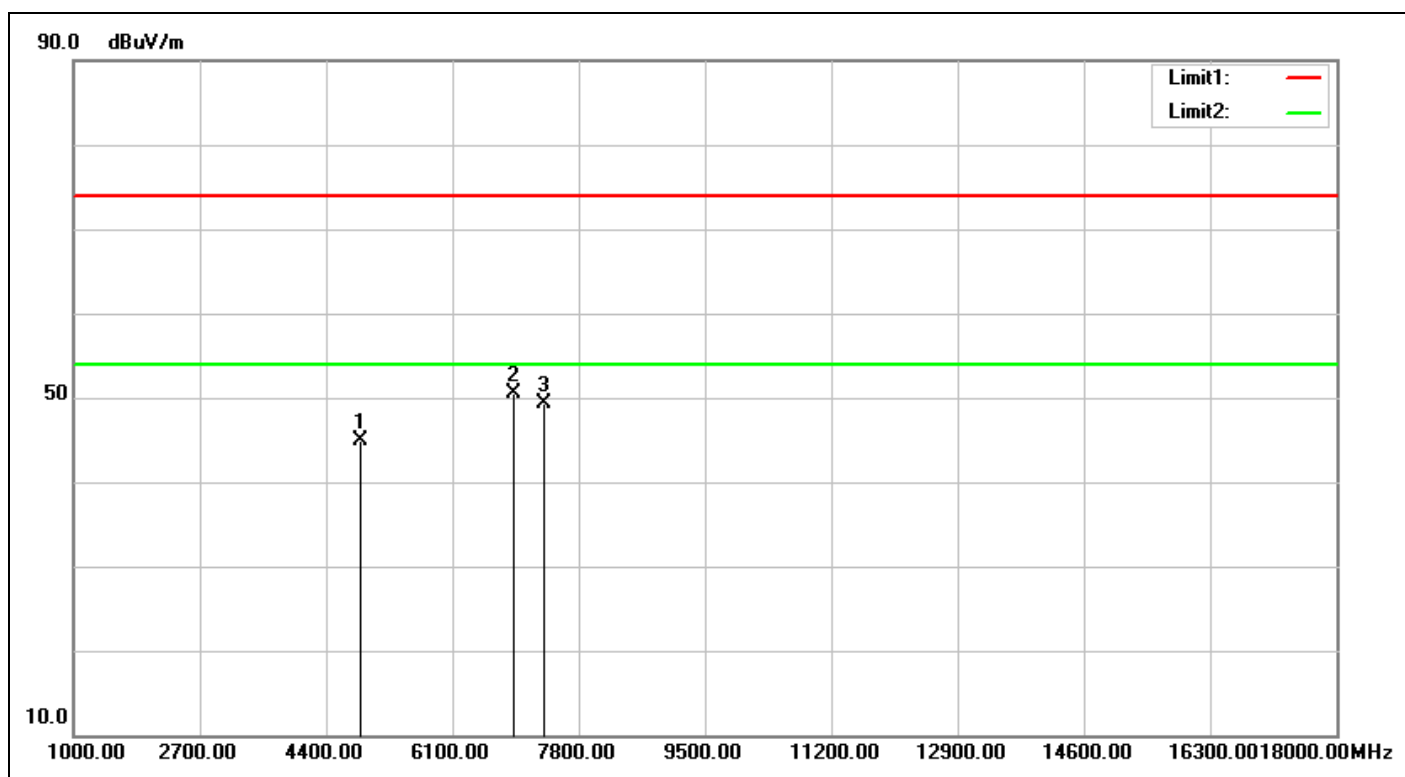
Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/2/16 22:31:55
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G20-2412-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4824.000	-2.61	47.93	45.32	74.00	-28.68	peak			
2	6423.000	5.29	46.06	51.35	74.00	-22.65	peak	100	238	
3	7236.000	5.67	45.01	50.68	74.00	-23.32	peak			



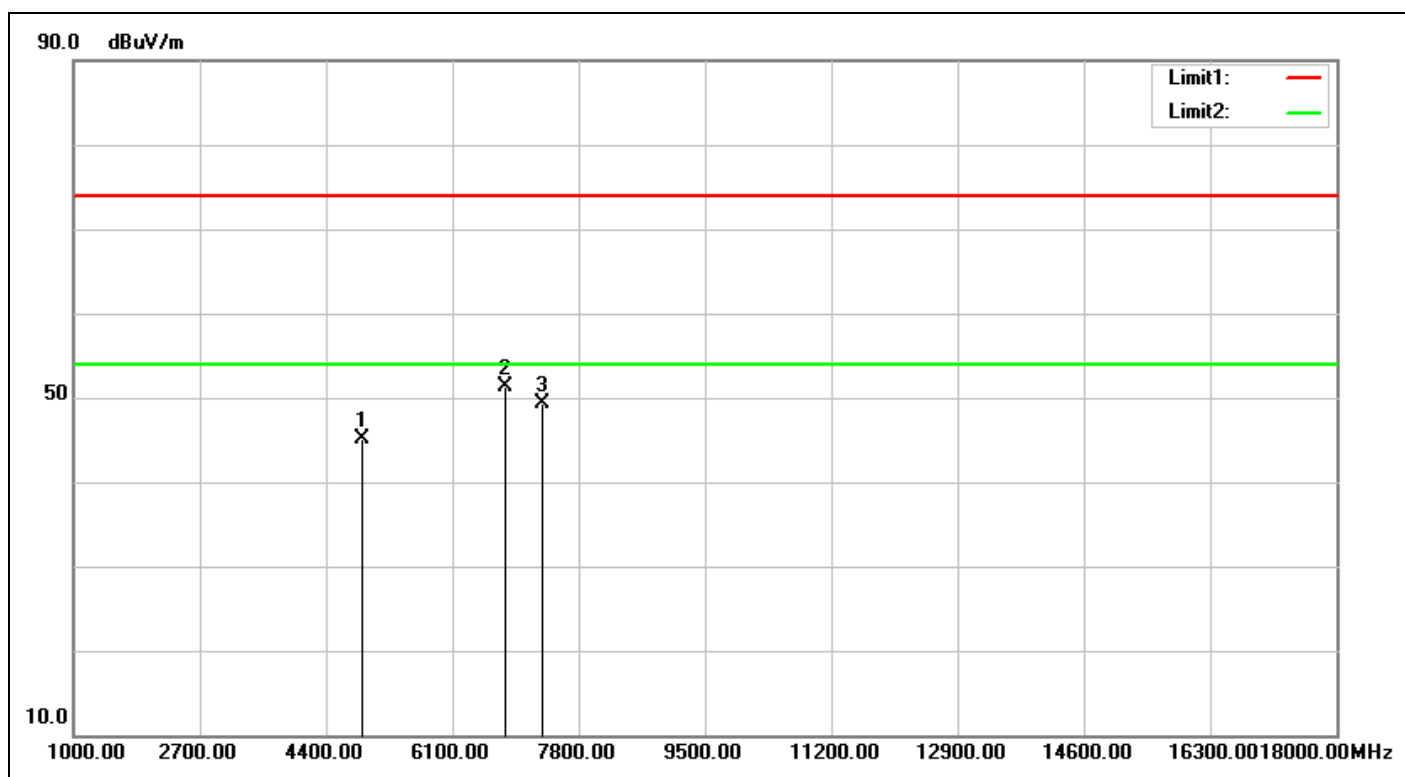
Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/2/16 22:32:58
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G20-2412-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4824.000	-2.61	46.80	44.19	74.00	-29.81	peak			
2	6746.000	5.26	46.23	51.49	74.00	-22.51	peak	100	186	
3	7236.000	5.67	44.21	49.88	74.00	-24.12	peak			



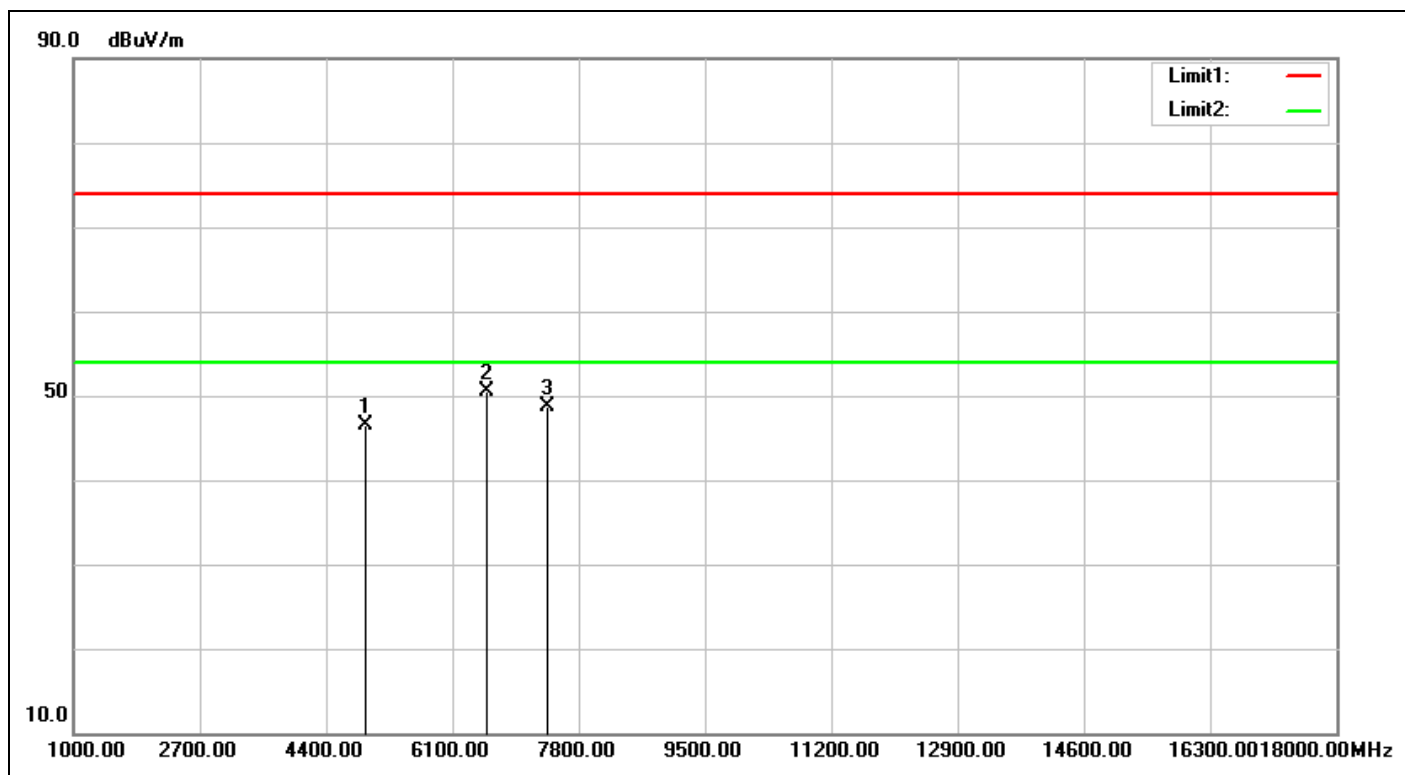
Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/2/16 22:34:41
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G20-2437-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4874.000	-2.50	47.42	44.92	74.00	-29.08	peak			
2	6916.000	5.07	45.44	50.51	74.00	-23.49	peak	100	158	
3	7311.000	5.90	43.32	49.22	74.00	-24.78	peak			



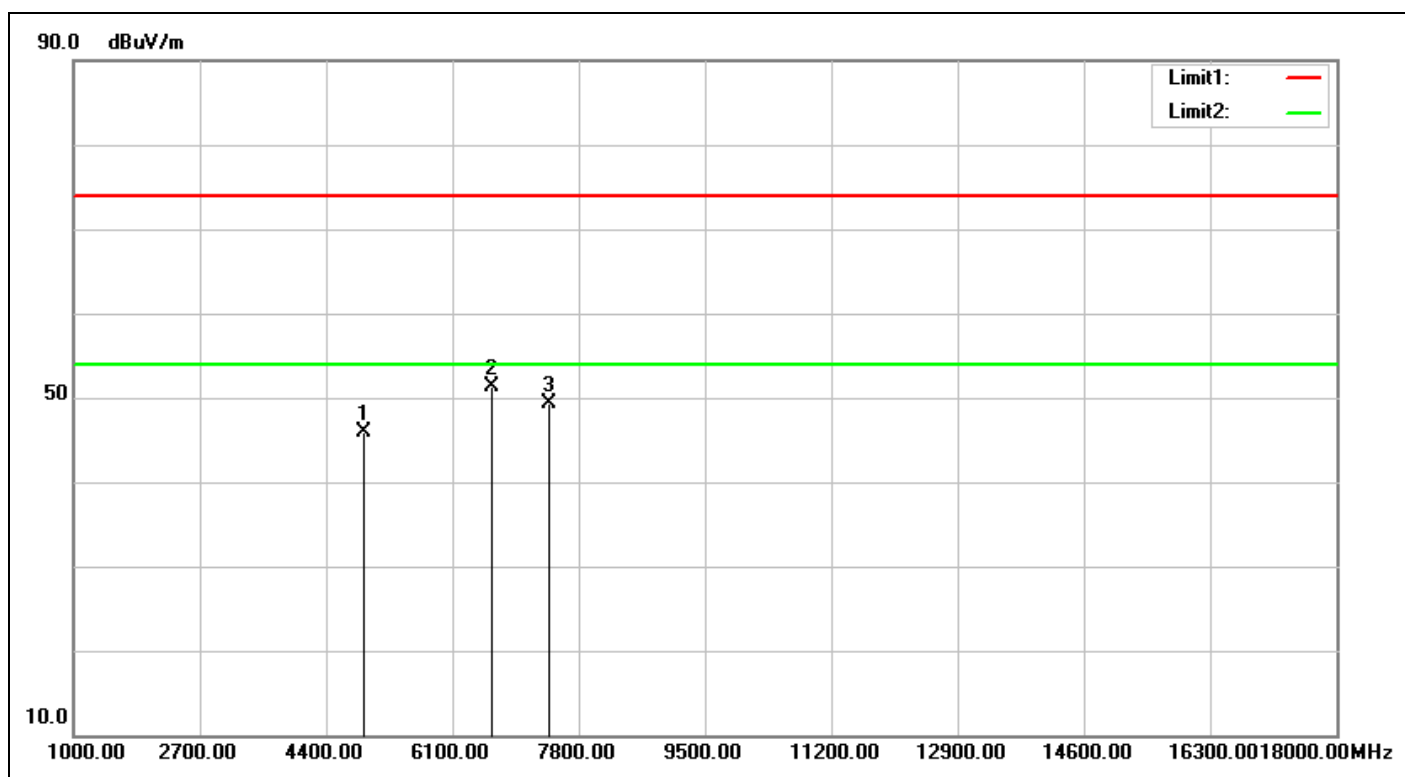
Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/2/16 22:35:44
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G20-2437-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4874.000	-2.50	47.65	45.15	74.00	-28.85	peak			
2	6814.000	5.19	46.16	51.35	74.00	-22.65	peak	100	122	
3	7311.000	5.90	43.48	49.38	74.00	-24.62	peak			



Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/2/16 22:37:36
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G20-2462-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4924.000	-2.39	48.94	46.55	74.00	-27.45	peak			
2	6559.000	5.49	45.01	50.50	74.00	-23.50	peak	100	260	
3	7386.000	6.11	42.67	48.78	74.00	-25.22	peak			



Service No.: 114058593(MH1-AAA)-WiFi
 Test Standard: FCC Above 1G PEAK
 Test item: Radiation Emission
 Applicant: Molekule
 Product: Molekule Home One Air Purifier
 Model No.: MH1-AAA
 Test Mode: G20-2462-TX
 Remark:

Test Distance: 3m
 Ant. Polarization: Vertical
 Test Time: 2017/2/16 22:38:38
 Test Rating: AC 120V/60Hz
 Temp.(°C)/Hum.(%): 20.6(°C)/52%
 Test Engineer: George Yang

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4924.000	-2.39	48.25	45.86	74.00	-28.14	peak			
2	6627.000	5.40	45.82	51.22	74.00	-22.78	peak	100	9	
3	7386.000	6.11	43.20	49.31	74.00	-24.69	peak			

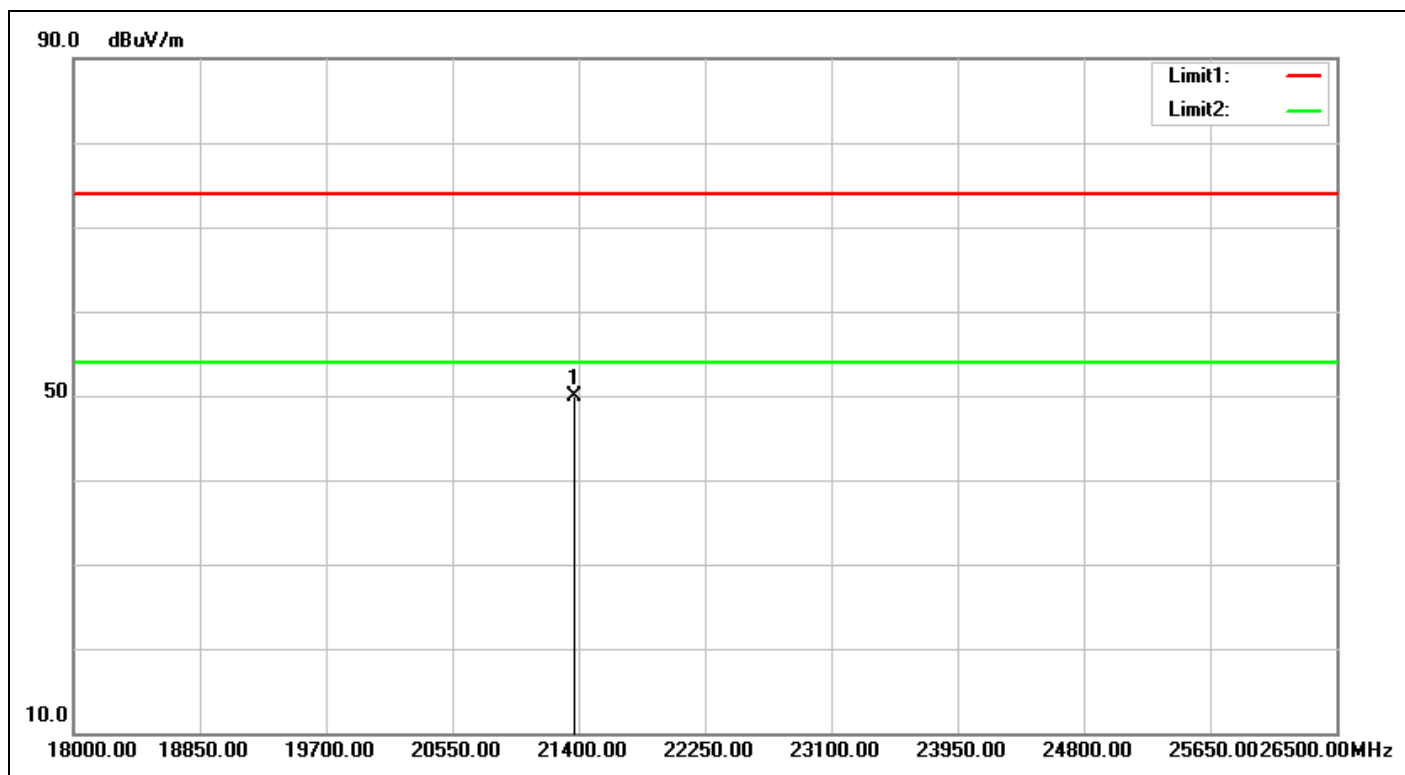
Spurious Emissions, TX Mode, 18-26G



TUV Taiwan

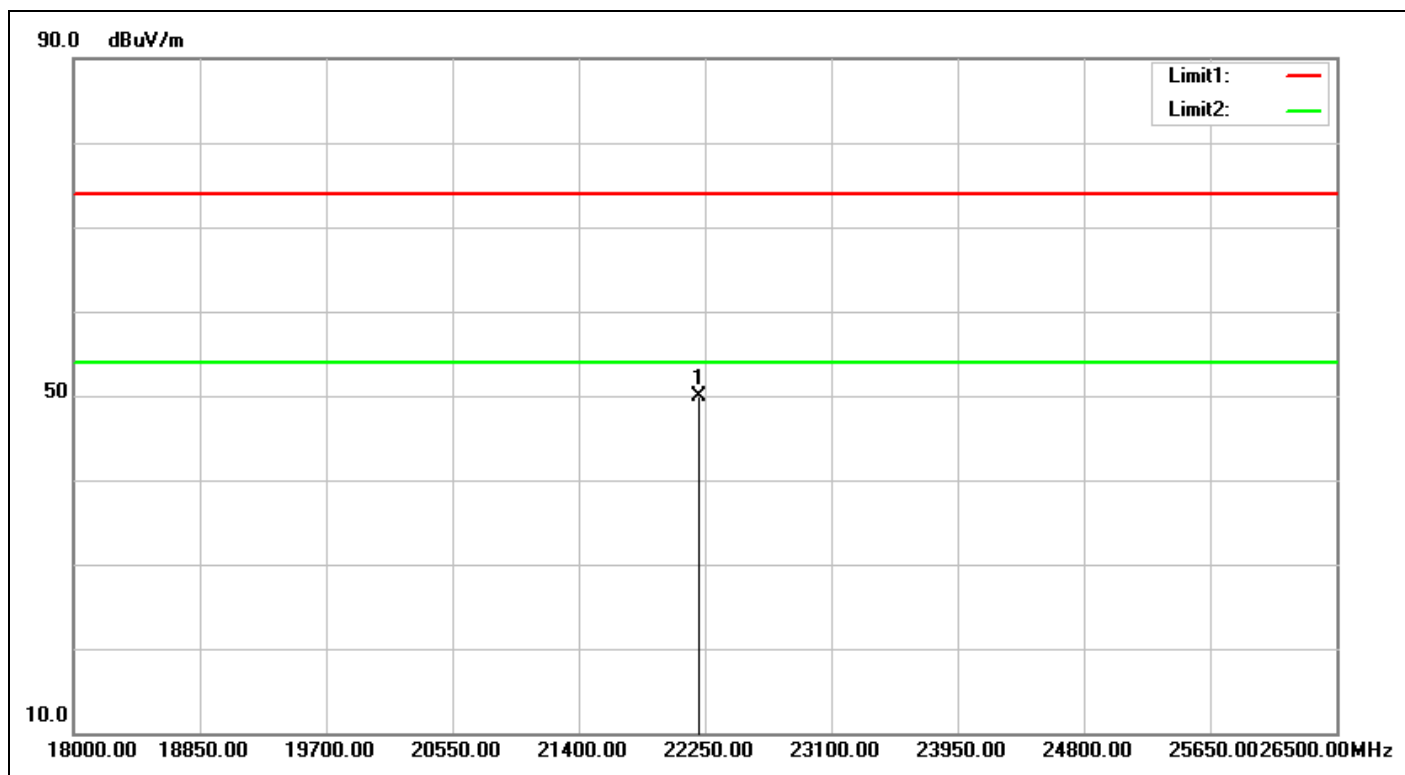
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



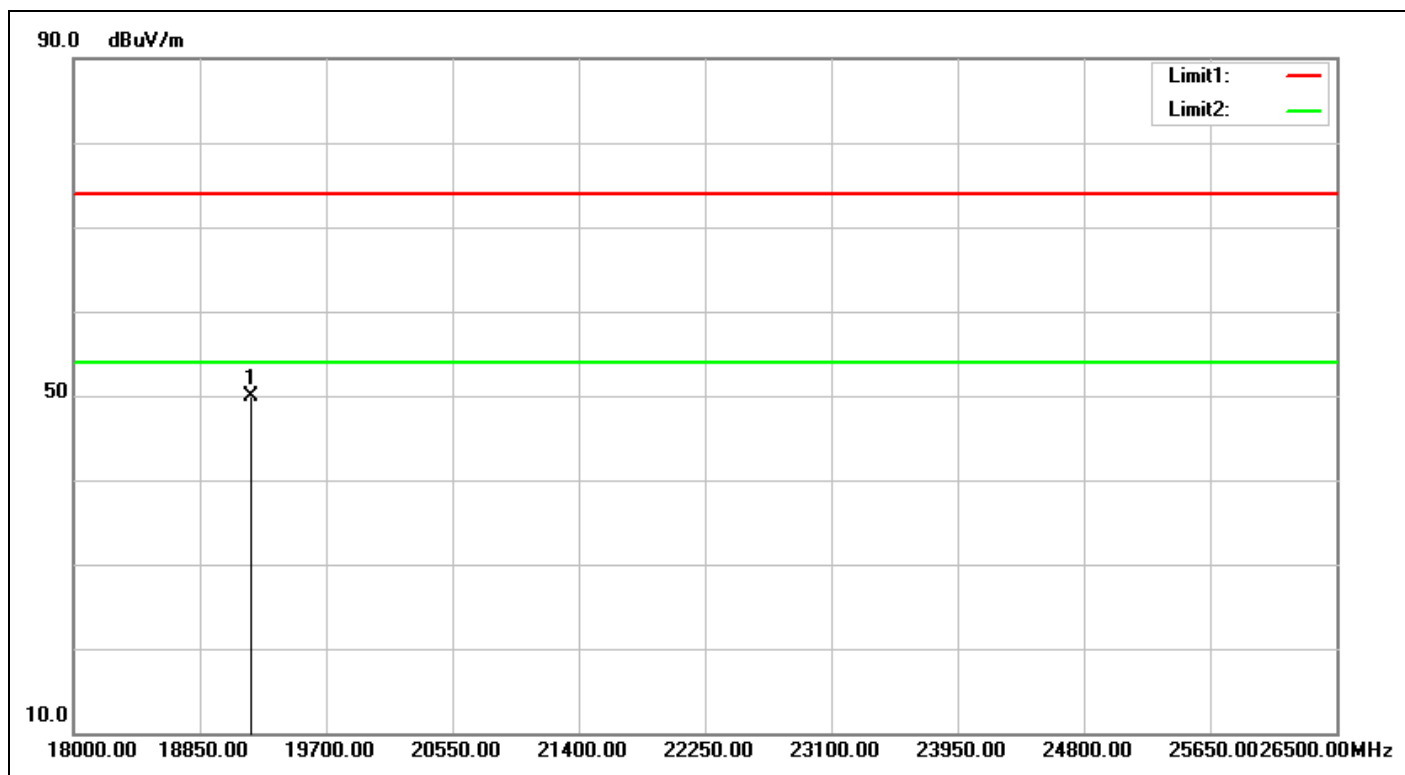
Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/2/16 22:49:57
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	B-2412-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21366.000	32.45	17.37	49.82	74.00	-24.18	peak		0	



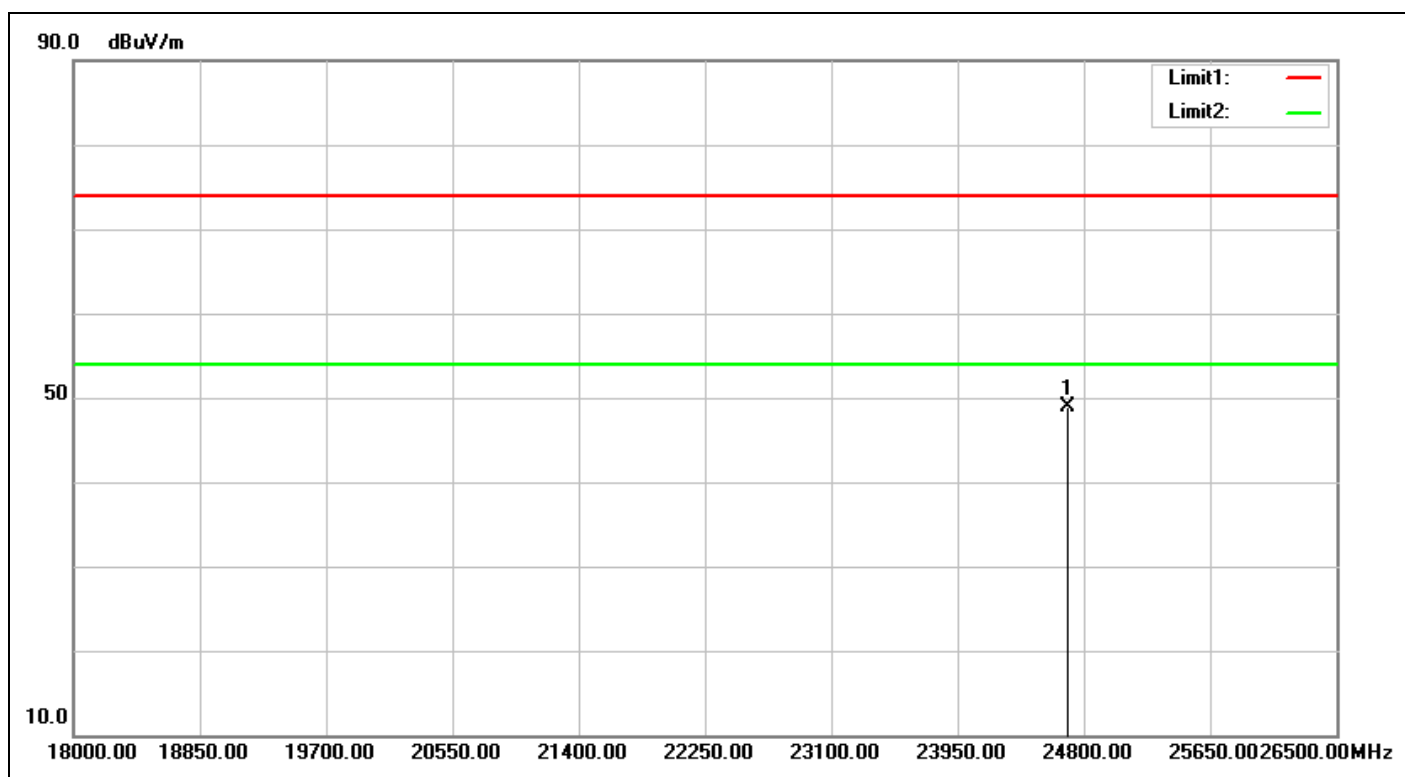
Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/2/16 22:50:04
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%):	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	B-2412-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22207.500	33.02	16.85	49.87	74.00	-24.13	peak			



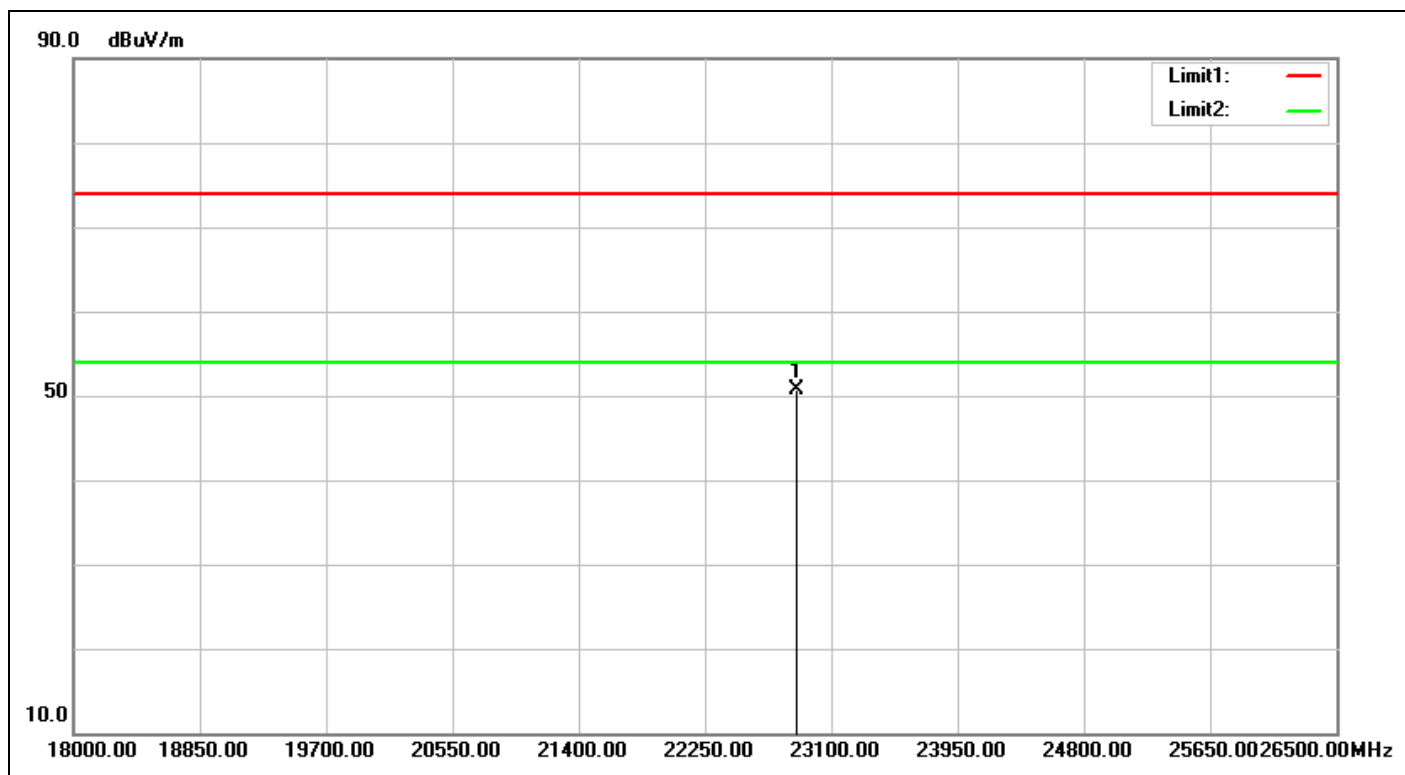
Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/2/16 22:50:16
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%):	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	B-2437-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19198.500	30.78	19.20	49.98	74.00	-24.02	peak			



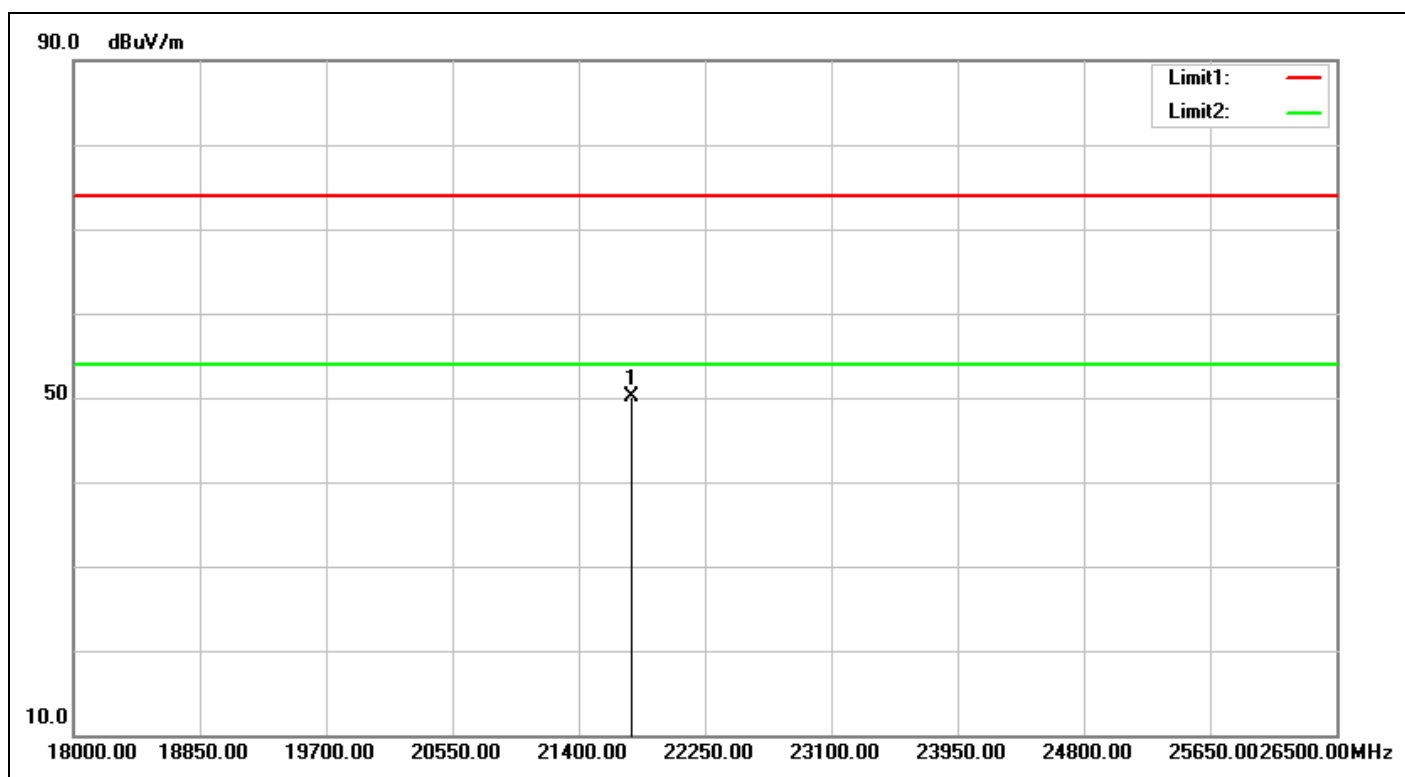
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/2/16 22:50:24
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%):	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	B-2437-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	24689.500	33.31	15.57	48.88	74.00	-25.12	peak			



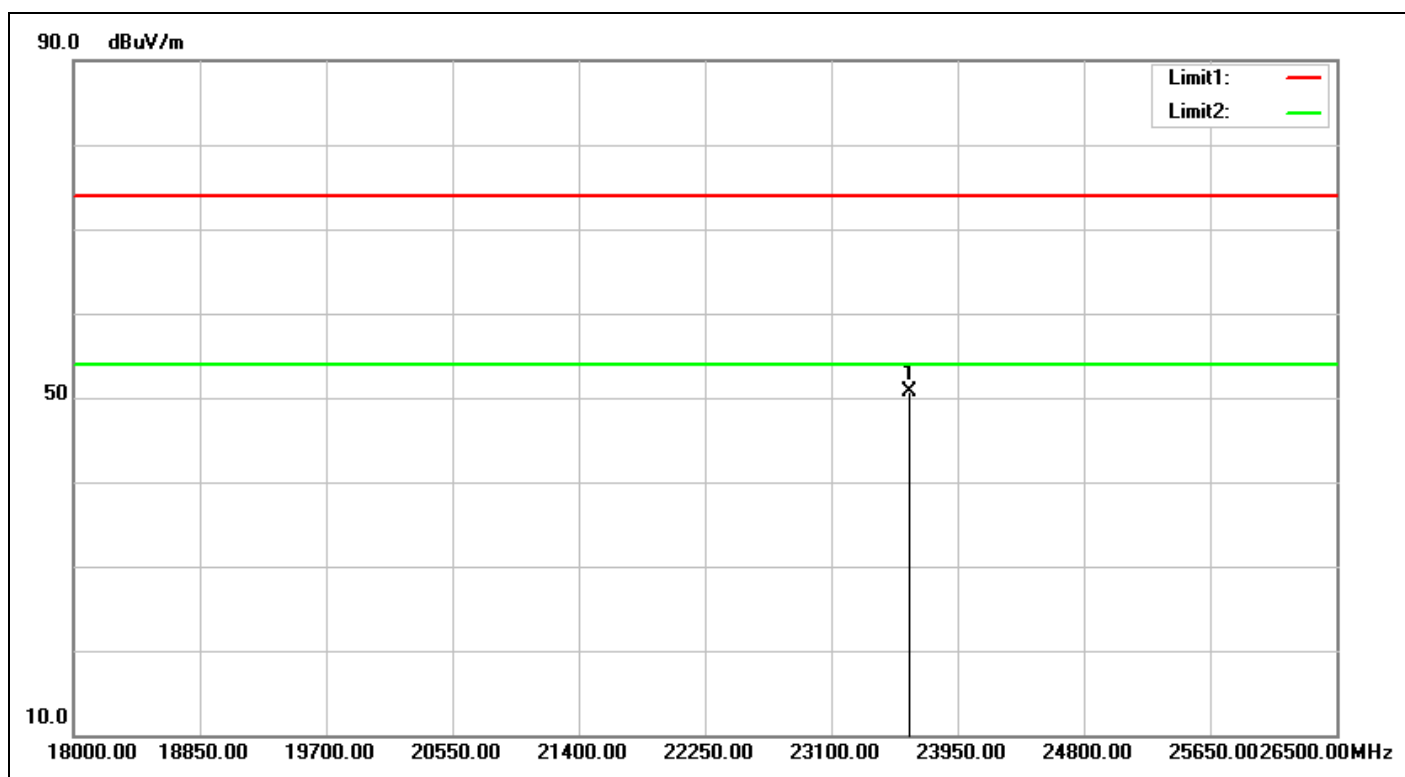
Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/2/16 22:50:35
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	B-2462-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22870.500	32.60	18.20	50.80	74.00	-23.20	peak			



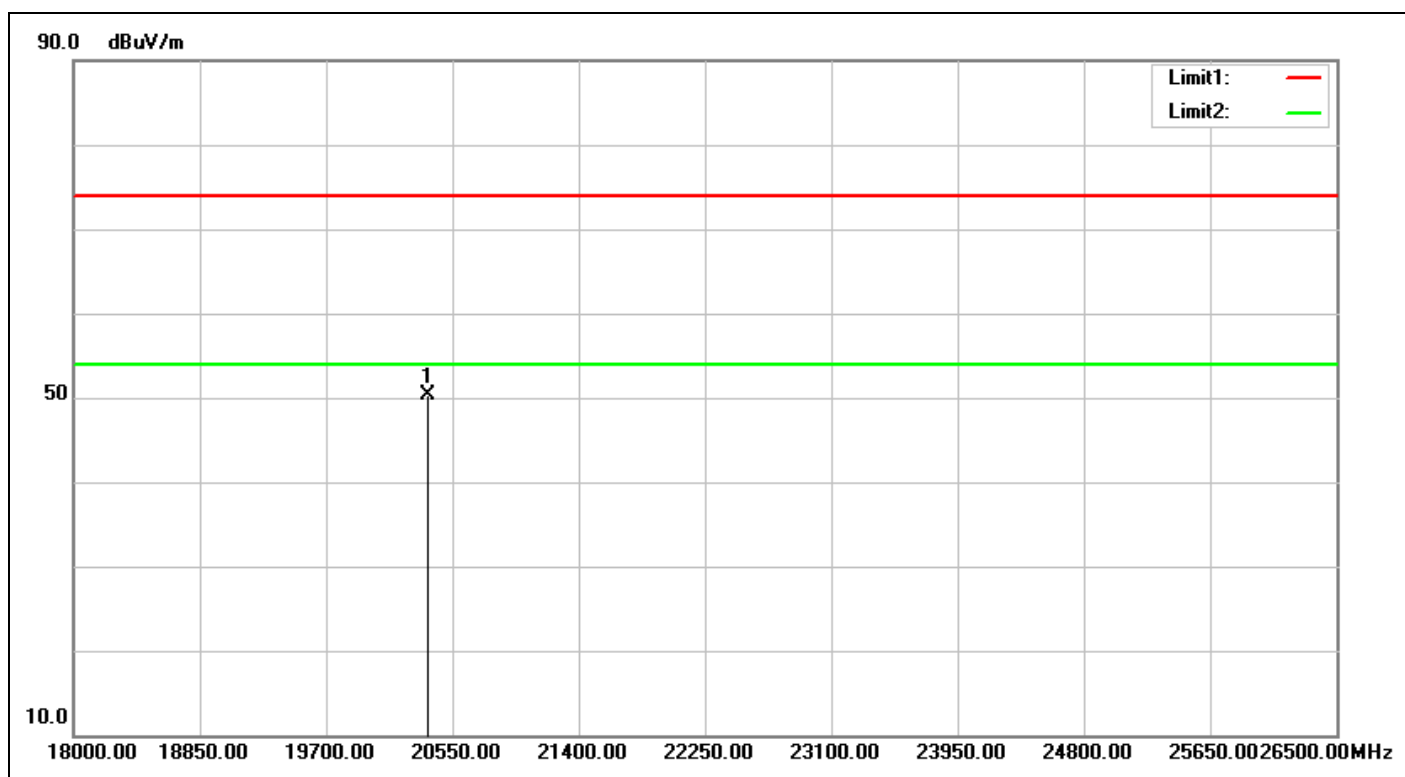
Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/2/16 22:50:43
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	B-2462-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21757.000	32.88	17.25	50.13	74.00	-23.87	peak			



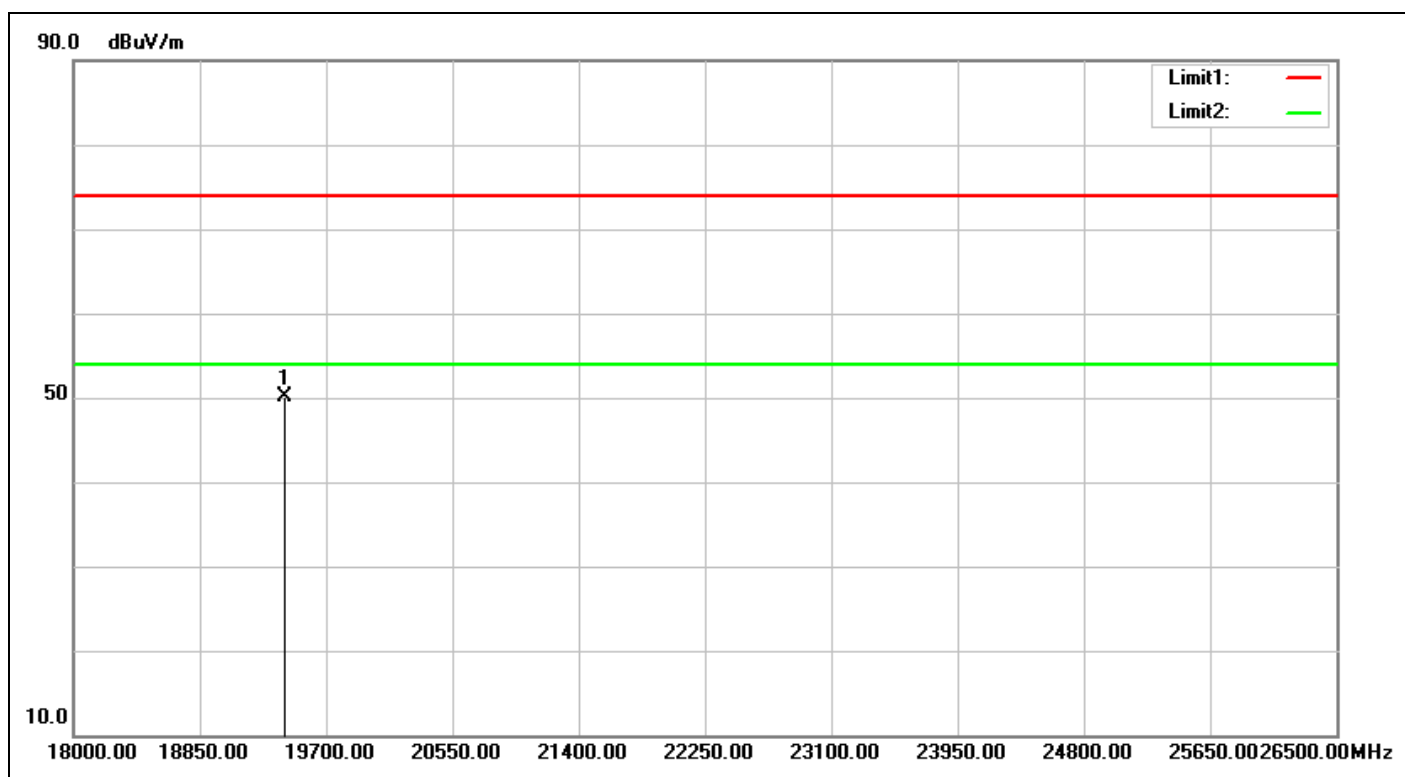
Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/2/16 22:50:59
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%):	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G-2412-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23627.000	32.60	18.09	50.69	74.00	-23.31	peak			



Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/2/16 22:51:10
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G-2412-TX		
Remark:			

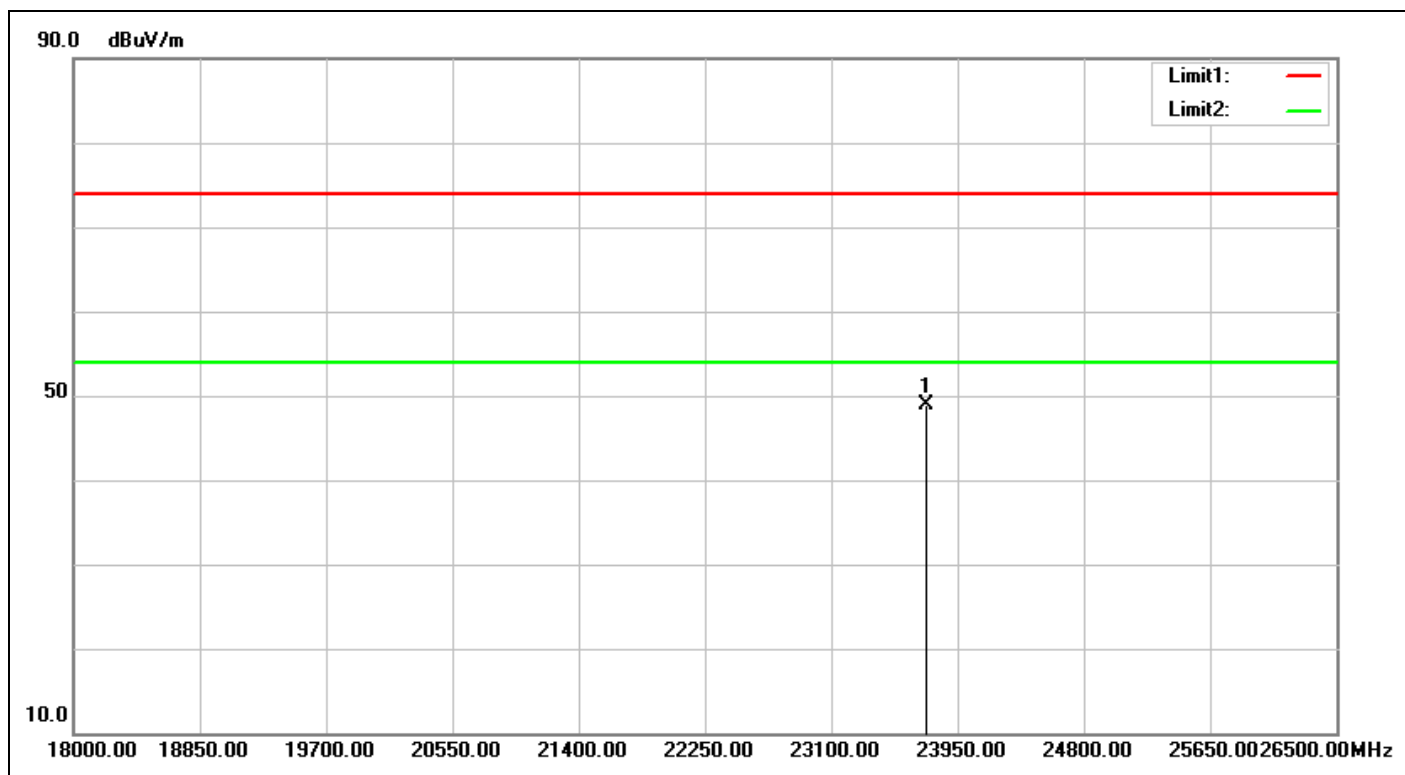
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20380.000	31.66	18.64	50.30	74.00	-23.70	peak			



Service No.: 114058593(MH1-AAA)-WiFi
 Test Standard: FCC Above 1G PEAK
 Test item: Radiation Emission
 Applicant: Molekule
 Product: Molekule Home One Air Purifier
 Model No.: MH1-AAA
 Test Mode: G-2437-TX
 Remark:

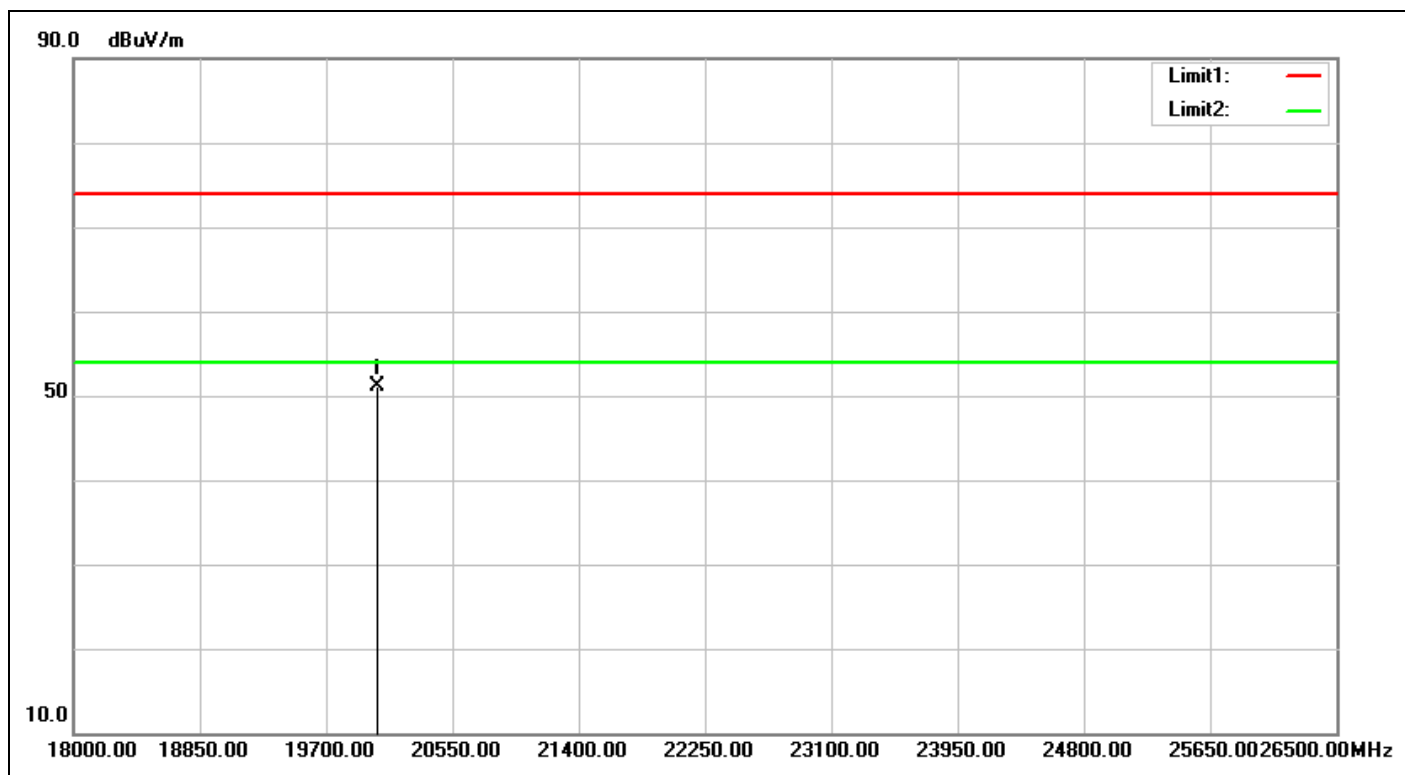
Test Distance: 3m
 Ant. Polarization: Horizontal
 Test Time: 2017/2/16 22:51:22
 Test Rating: AC 120V/60Hz
 Temp.(°C)/Hum.(%): 20.6(°C)/52%
 Test Engineer: George Yang

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19419.500	31.10	18.97	50.07	74.00	-23.93	peak			



Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/2/16 22:51:30
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G-2437-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23737.500	32.39	16.53	48.92	74.00	-25.08	peak			



Service No.: 114058593(MH1-AAA)-WiFi

Test Standard: FCC Above 1G PEAK

Test item: Radiation Emission

Applicant: Molekule

Product: Molekule Home One Air Purifier

Model No.: MH1-AAA

Test Mode: G-2462-TX

Remark:

Test Distance: 3m

Ant. Polarization: Horizontal

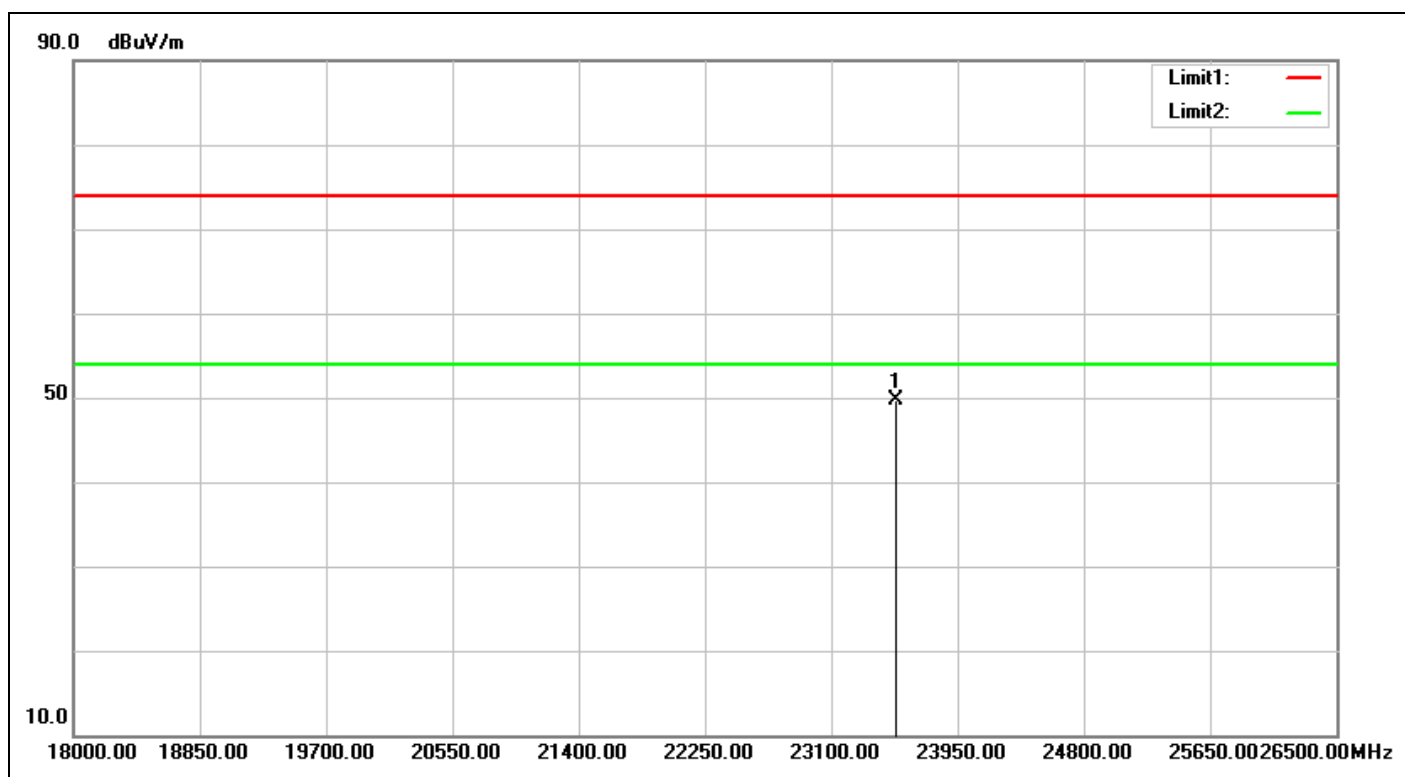
Test Time: 2017/2/16 22:51:42

Test Rating: AC 120V/60Hz

Temp.(°C)/Hum.(%): 20.6(°C)/52%

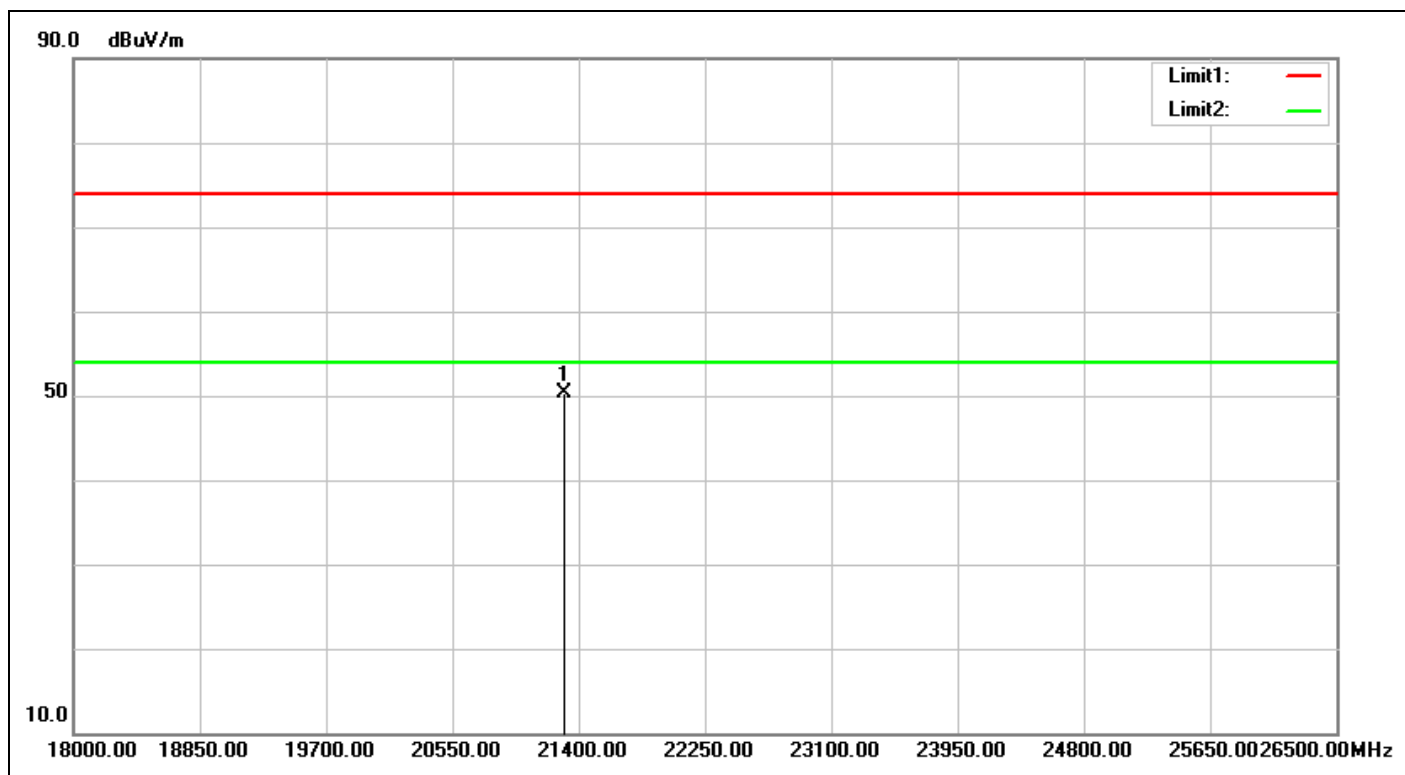
Test Engineer: George Yang

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20048.500	31.50	19.53	51.03	74.00	-22.97	peak			



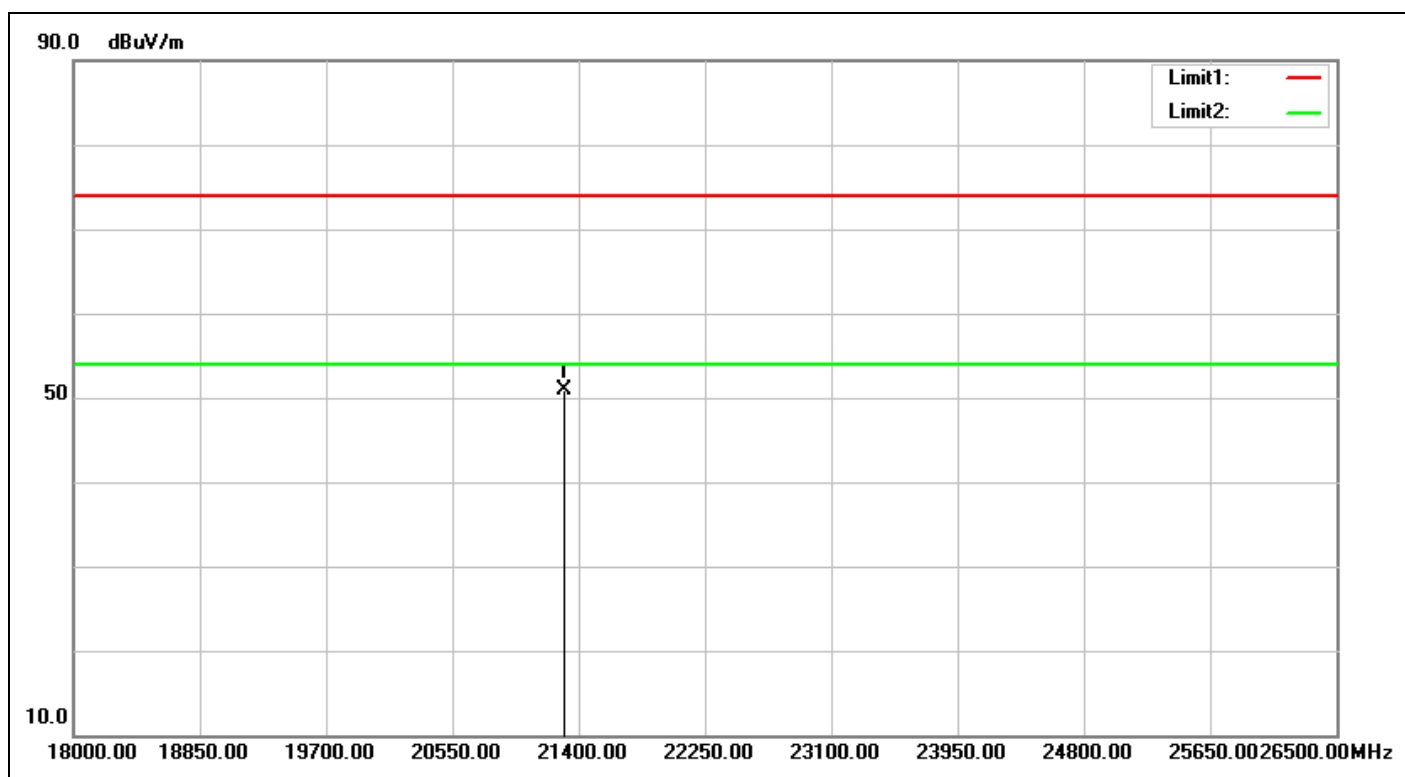
Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/2/16 22:51:52
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%):	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G-2462-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23533.500	32.76	16.90	49.66	74.00	-24.34	peak			



Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/2/16 22:52:06
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G20-2412-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21298.000	32.36	17.94	50.30	74.00	-23.70	peak			



Service No.: 114058593(MH1-AAA)-WiFi

Test Standard: FCC Above 1G PEAK

Test item: Radiation Emission

Applicant: Molekule

Product: Molekule Home One Air Purifier

Model No.: MH1-AAA

Test Mode: G20-2412-TX

Remark:

Test Distance: 3m

Ant. Polarization: Vertical

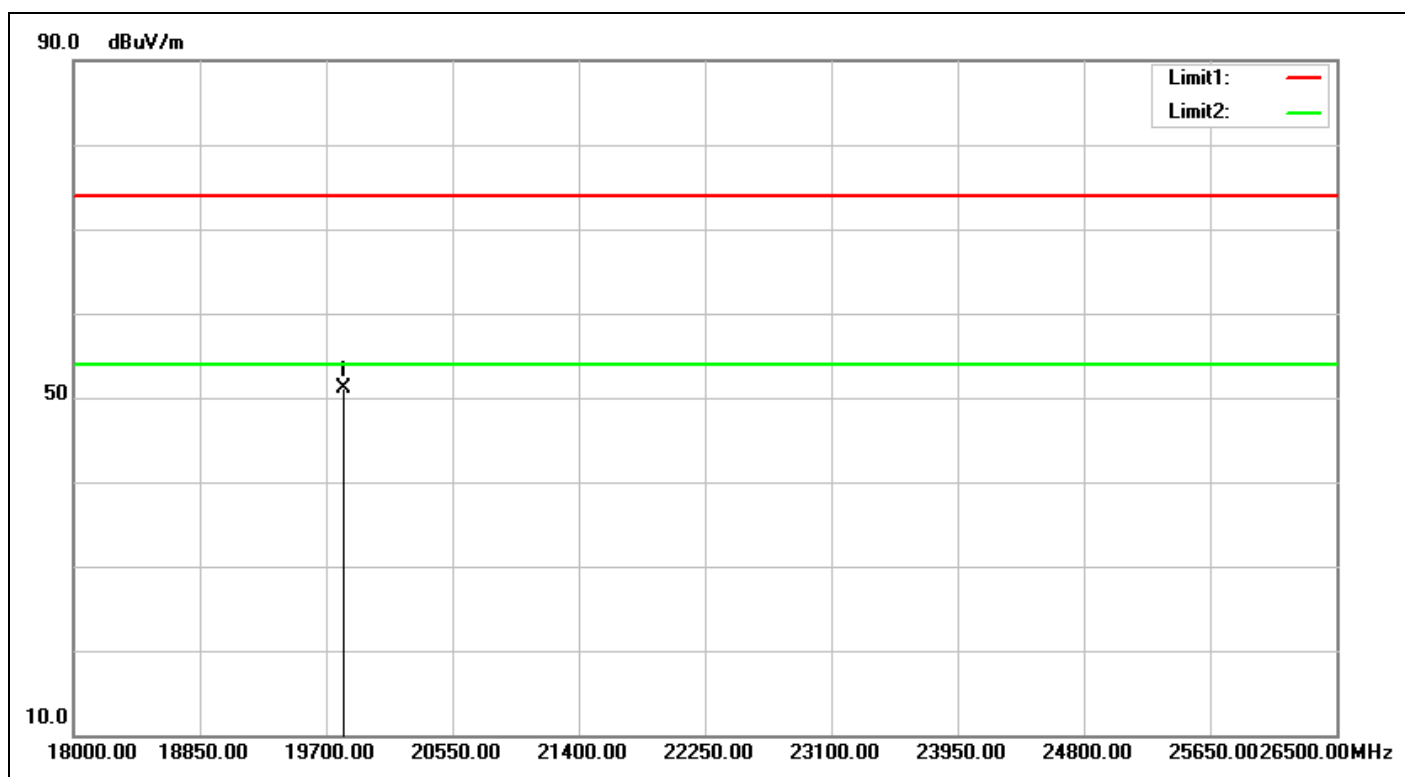
Test Time: 2017/2/16 22:52:14

Test Rating: AC 120V/60Hz

Temp.(°C)/Hum.(%): 20.6(°C)/52%

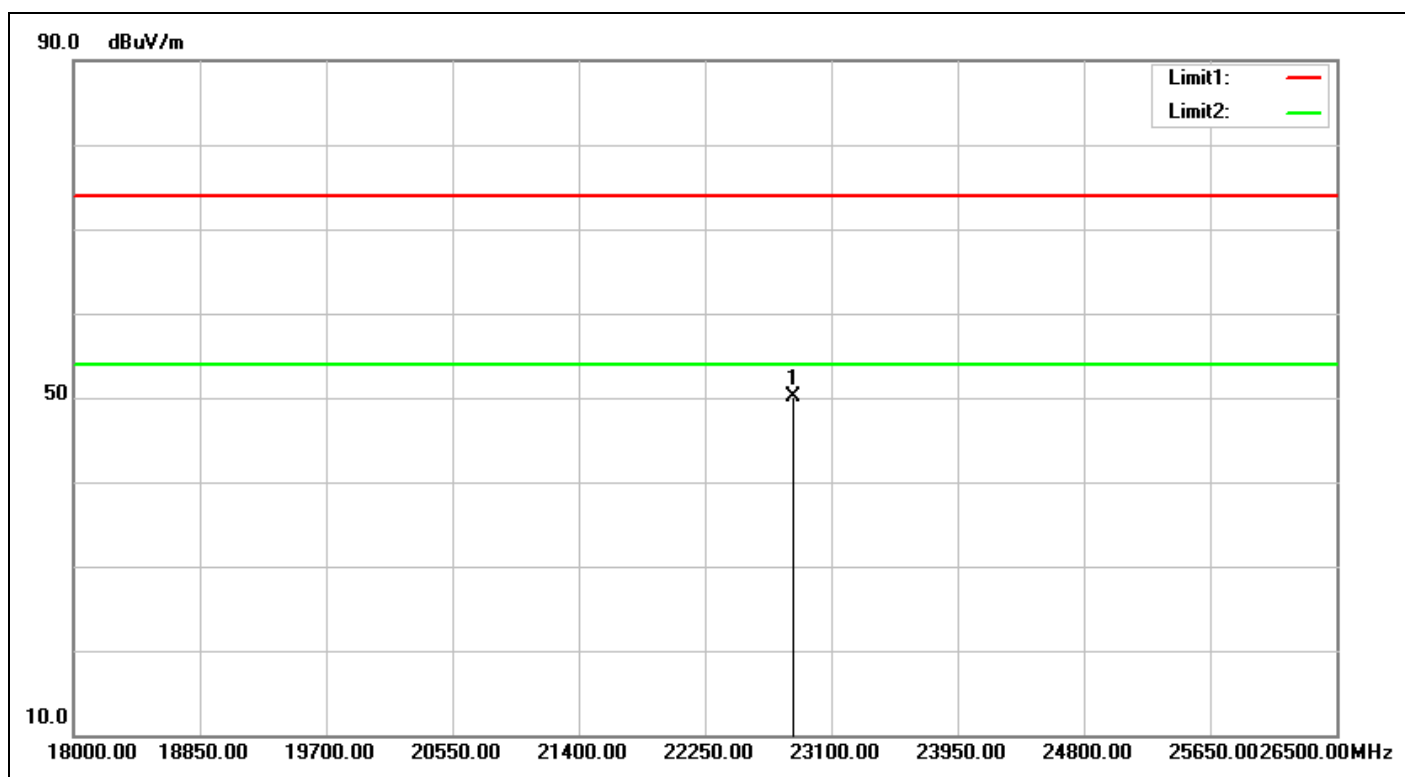
Test Engineer: George Yang

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21298.000	32.36	18.57	50.93	74.00	-23.07	peak			



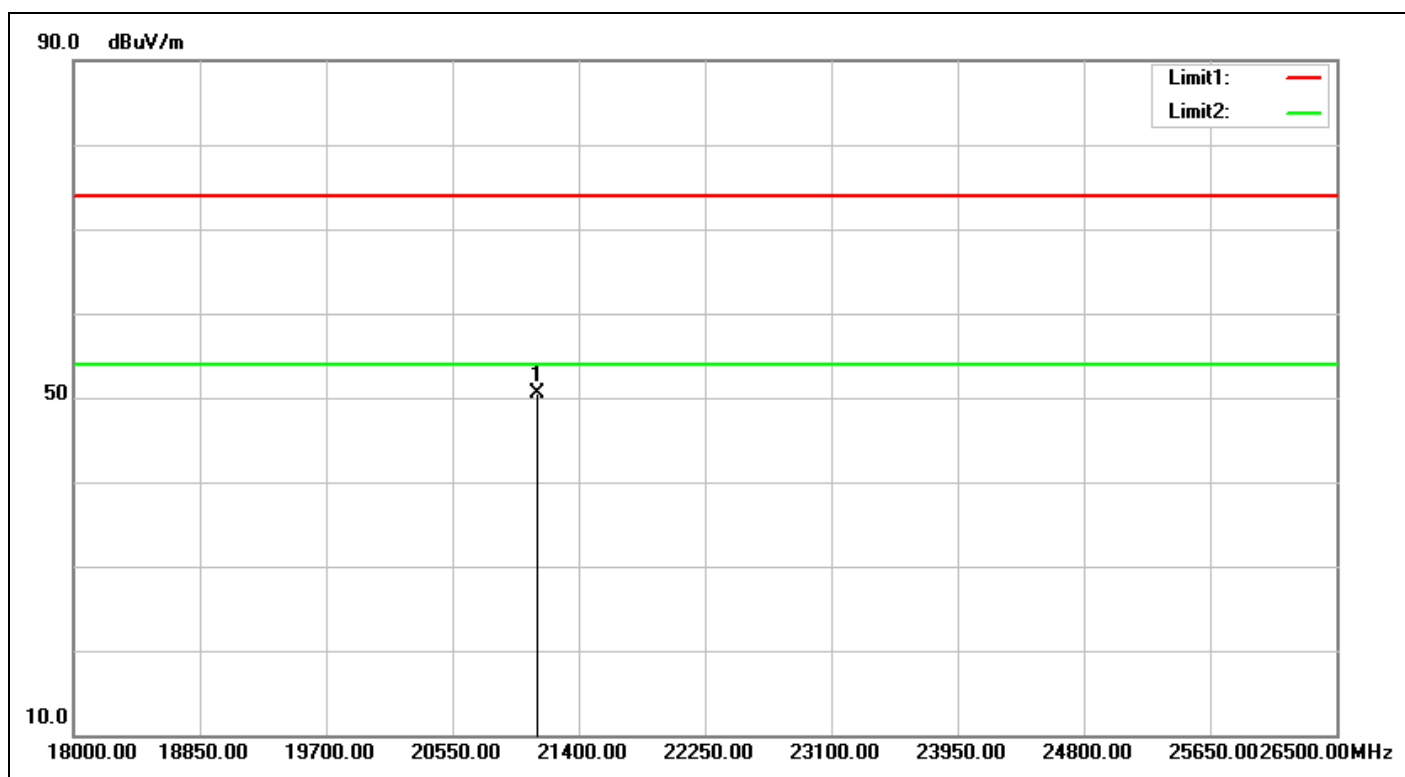
Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/2/16 22:52:21
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%):	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G20-2437-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19819.000	31.38	19.75	51.13	74.00	-22.87	peak			



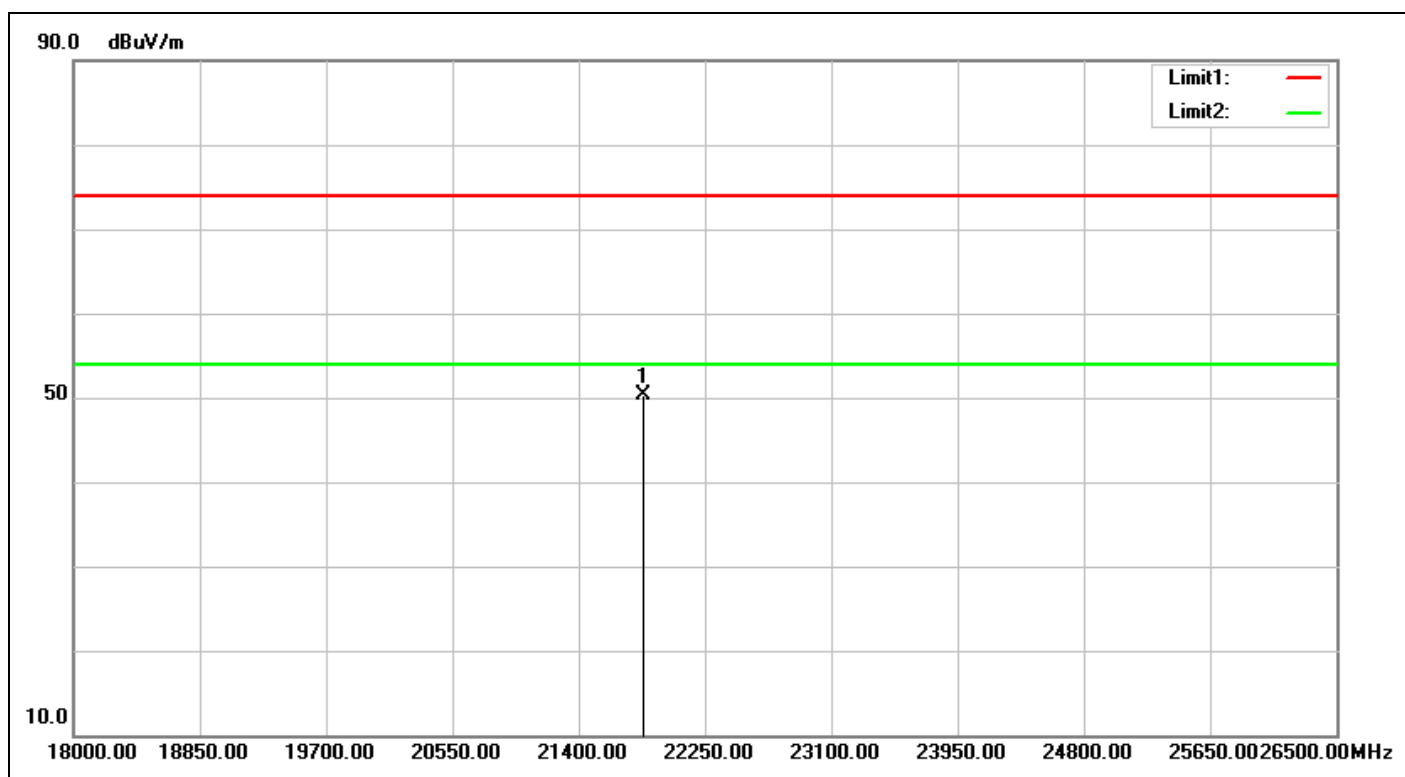
Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/2/16 22:52:39
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%) :	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G20-2437-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22845.000	32.62	17.51	50.13	74.00	-23.87	peak			



Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/2/16 22:52:53
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G20-2462-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21119.500	32.10	18.38	50.48	74.00	-23.52	peak			



Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/2/16 22:53:04
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%):	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	G20-2462-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21833.500	32.95	17.40	50.35	74.00	-23.65	peak			

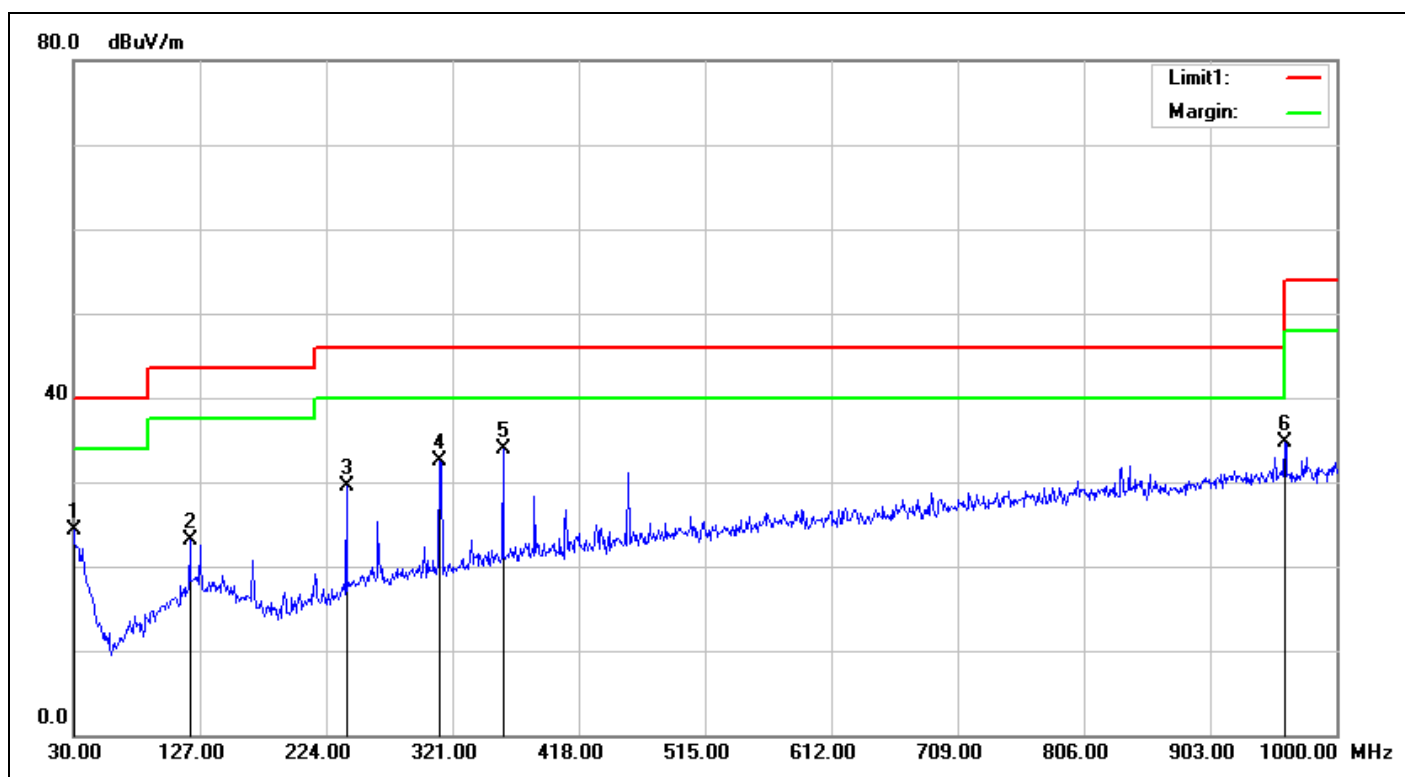
Spurious Emissions, TX Mode, 30M-1G



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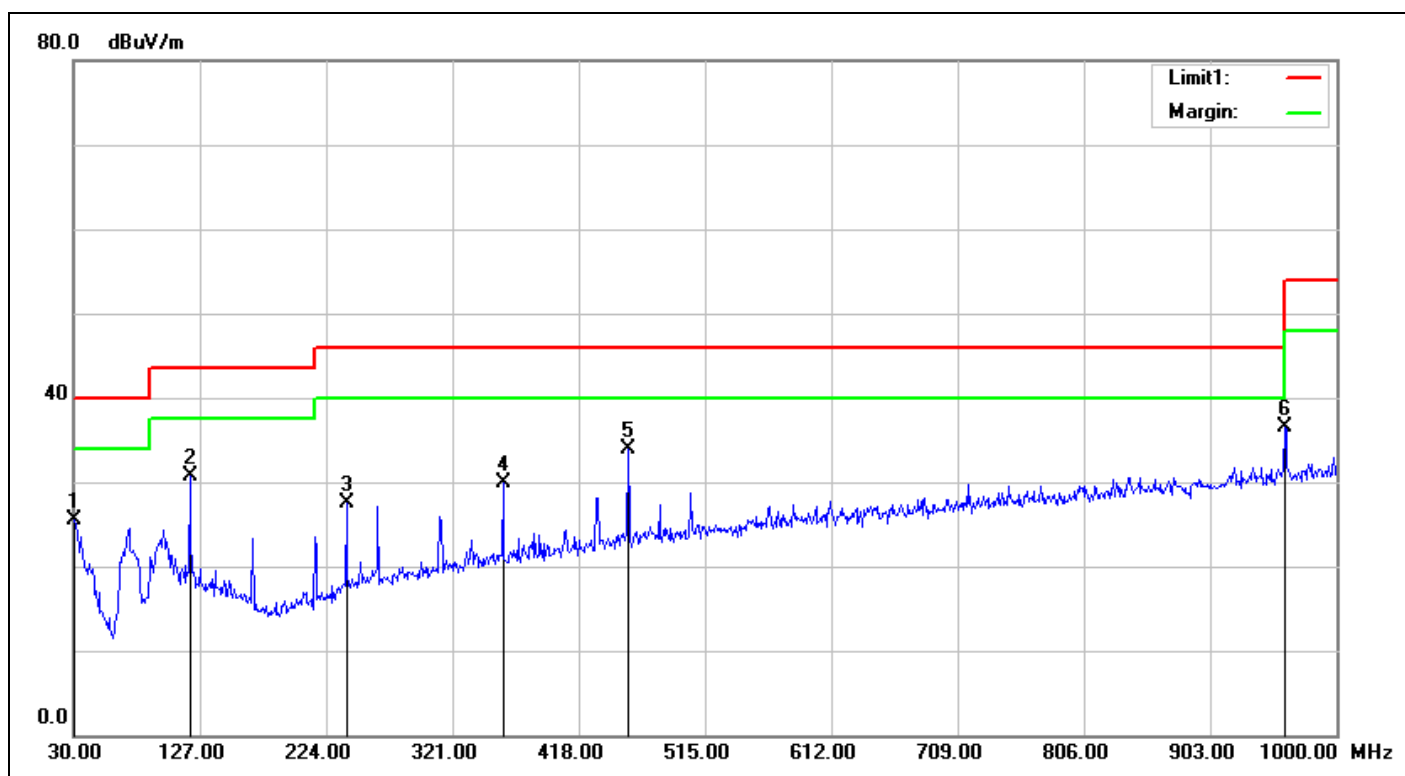
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.: 114058593(MH1-AAA)-WiFi
 Test Standard: FCC Class B 3M Radiation
 Test item: Radiation Emission
 Applicant: Molekule
 Product: Molekule Home One Air Purifier
 Model No.: MH1-AAA
 Test Mode: B-2437-TX
 Remark:

Test Distance: 3m
 Ant. Polarization: Horizontal
 Test Time: 2017/2/16 23:01:18
 Test Rating: AC 120V/60Hz
 Temp.(°C)/Hum.(%): 20.6(°C)/52%
 Test Engineer: George Yang

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	24.29	24.22	40.00	-15.78	QP	100	307	
2	119.2400	-7.40	30.55	23.15	43.50	-20.35	QP	100	96	
3	239.5200	-6.73	36.30	29.57	46.00	-16.43	QP	100	223	
4	311.3000	-4.24	36.79	32.55	46.00	-13.45	QP	100	248	
5	359.8000	-3.30	37.20	33.90	46.00	-12.10	QP	100	101	
6	960.2300	5.48	29.27	34.75	54.00	-19.25	QP	100	157	



Service No.: 114058593(MH1-AAA)-WiFi
 Test Standard: FCC Class B 3M Radiation
 Test item: Radiation Emission
 Applicant: Molekule
 Product: Molekule Home One Air Purifier
 Model No.: MH1-AAA
 Test Mode: B-2437-TX
 Remark:

Test Distance: 3m
 Ant. Polarization: Vertical
 Test Time: 2017/2/16 23:02:21
 Test Rating: AC 120V/60Hz
 Temp.(°C)/Hum.(%): 20.6(°C)/52%
 Test Engineer: George Yang

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	26.15	25.53	40.00	-14.47	QP	100	70	
2	119.2400	-7.40	38.04	30.64	43.50	-12.86	QP	100	172	
3	239.5200	-6.73	34.27	27.54	46.00	-18.46	QP	100	334	
4	359.8000	-3.30	33.17	29.87	46.00	-16.13	QP	100	118	
5	455.8300	-1.94	35.79	33.85	46.00	-12.15	QP	100	175	
6	960.2300	5.48	30.98	36.46	54.00	-17.54	QP	100	188	

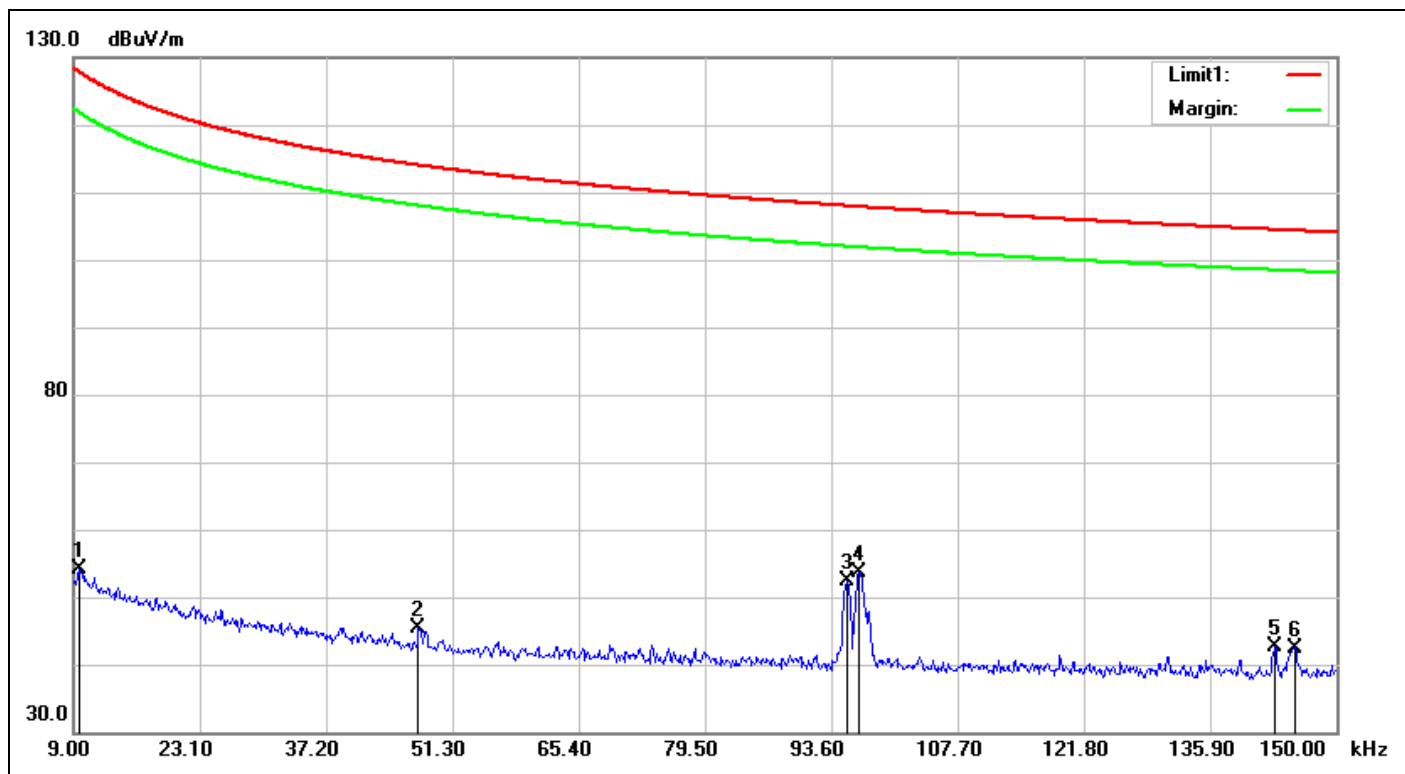
Spurious Emissions, TX Mode, 9K-30M



TUV Taiwan

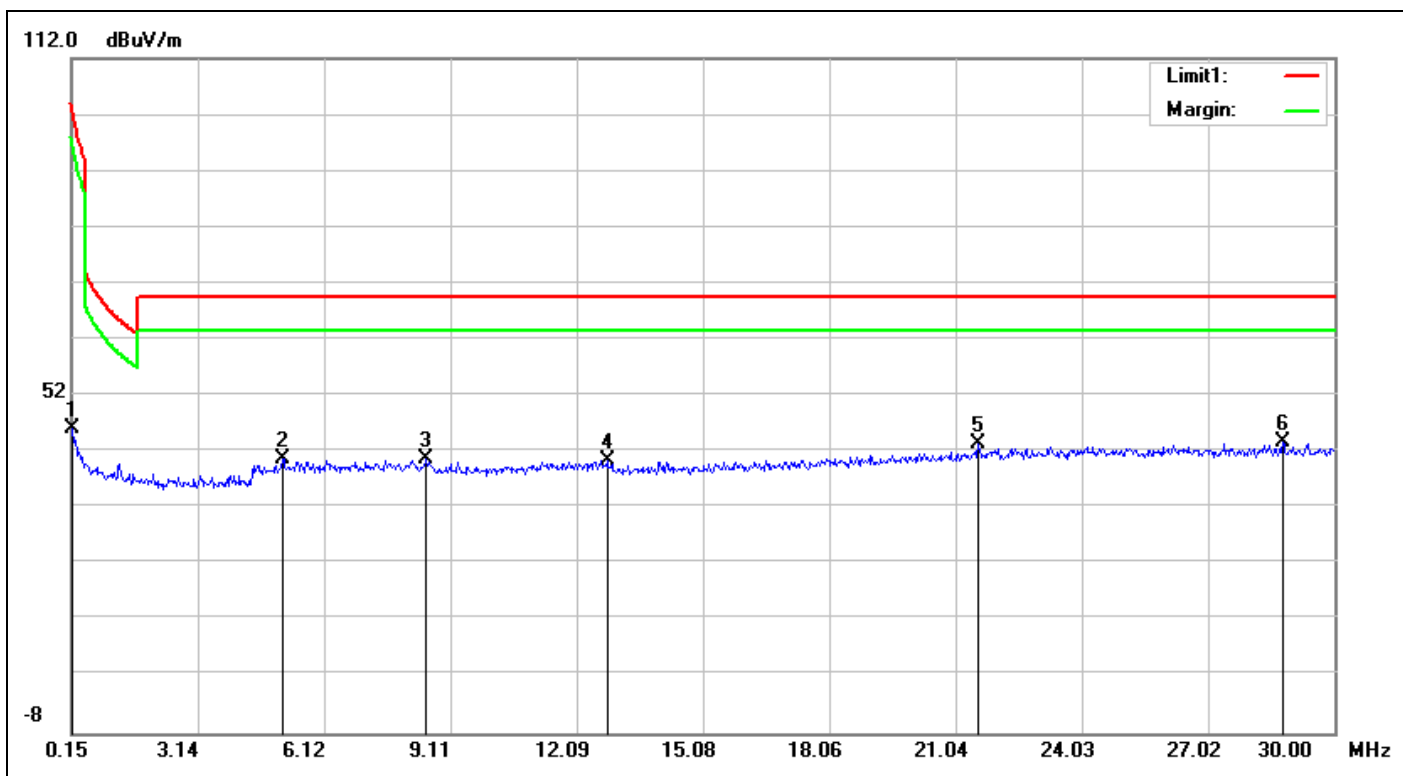
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Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114058593(TBD)-WiFi	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/3/6 20:58:58
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	21.2(°C)/64%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	B-2437-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0096	20.04	33.97	54.01	127.84	-73.83	QP	100	69	
2	0.0475	19.34	26.02	45.36	114.00	-68.64	QP	100	130	
3	0.0954	18.88	33.40	52.28	107.96	-55.68	QP	100	279	
4	0.0967	18.87	34.73	53.60	107.85	-54.25	QP	100	0	
5	0.1431	18.81	23.80	42.61	104.45	-61.84	QP	100	305	
6	0.1453	18.80	23.70	42.50	104.32	-61.82	QP	100	168	



Service No.:	114058593(TBD)-WiFi	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/3/6 21:10:47
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%):	21.2(°C)/64%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	B-2437-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1799	18.77	27.42	46.19	102.47	-56.28	QP	100	274	
2	5.1349	19.62	21.05	40.67	69.50	-28.83	QP	100	360	
3	8.5379	20.16	20.72	40.88	69.50	-28.62	QP	100	354	
4	12.8063	20.72	19.84	40.56	69.50	-28.94	QP	100	18	
5	21.5823	21.66	21.67	43.33	69.50	-26.17	QP	100	360	
6	28.7762	22.19	21.64	43.83	69.50	-25.67	QP	100	208	

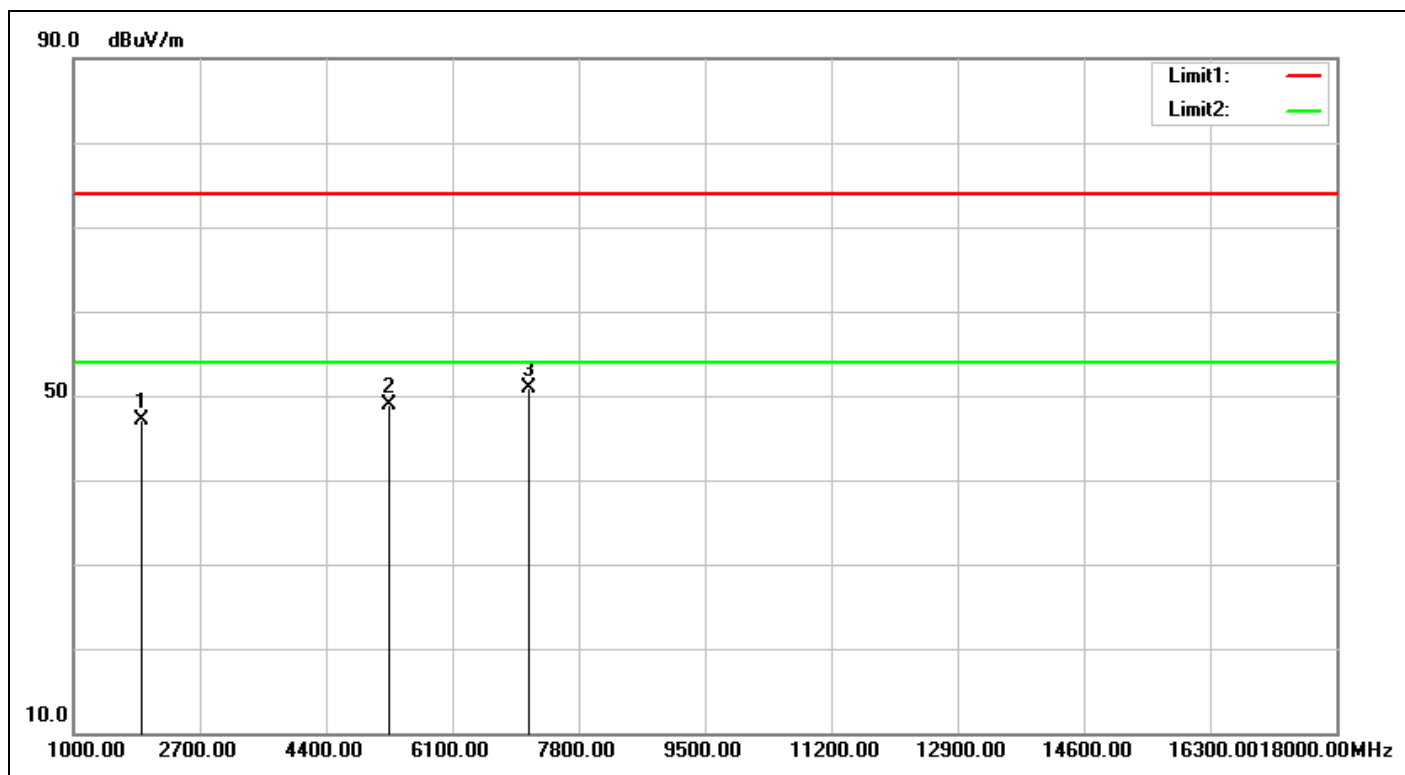
Spurious Emissions, RX Mode, 1-18G



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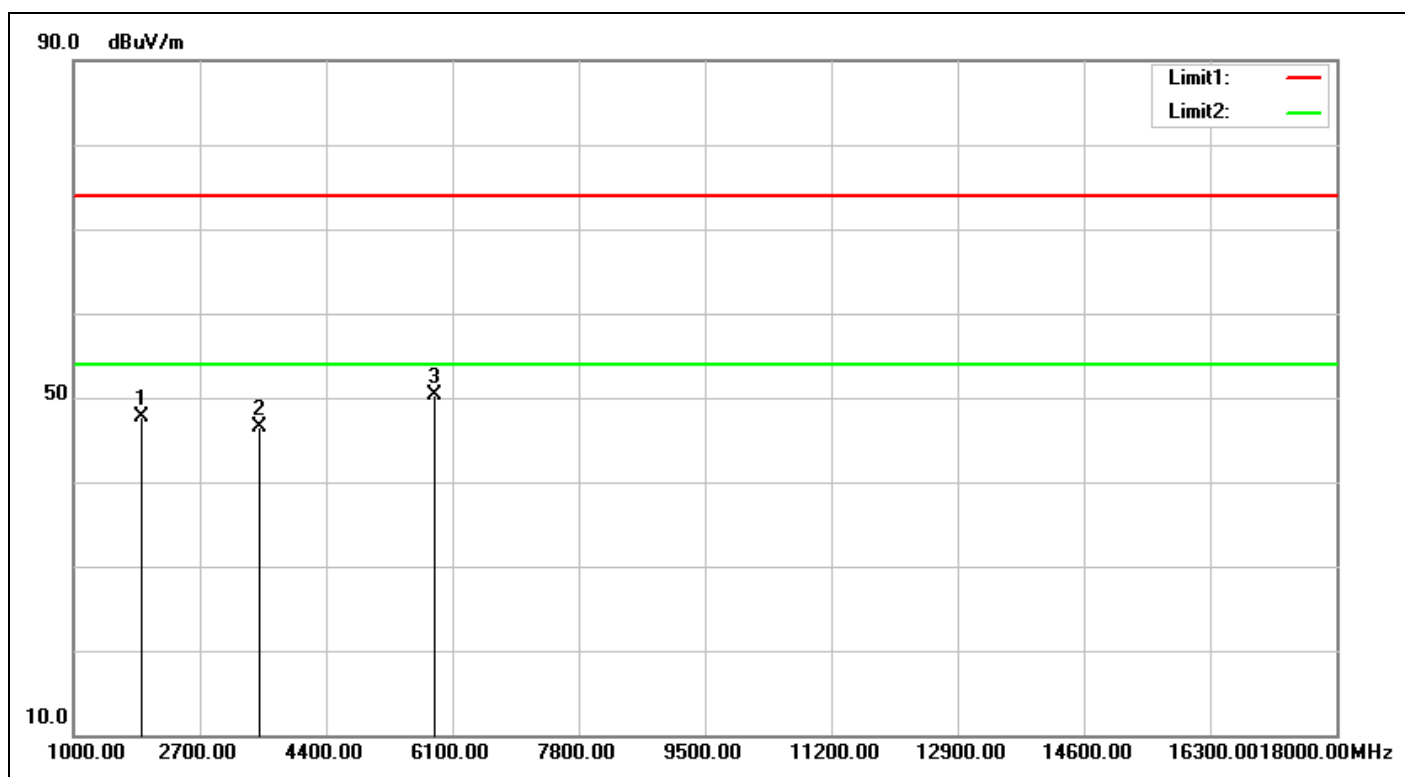
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Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/2/16 22:40:12
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%):	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	B-2437-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1918.000	-7.67	54.87	47.20	74.00	-26.80	peak	100	89	
2	5250.000	-0.89	49.75	48.86	74.00	-25.14	peak	100	280	
3	7137.000	5.38	45.58	50.96	74.00	-23.04	peak	100	125	



Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/2/16 22:41:14
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	B-2437-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1918.000	-7.67	55.47	47.80	74.00	-26.20	peak	100	108	
2	3499.000	-5.88	52.45	46.57	74.00	-27.43	peak	100	1	
3	5862.000	2.95	47.26	50.21	74.00	-23.79	peak	100	1	

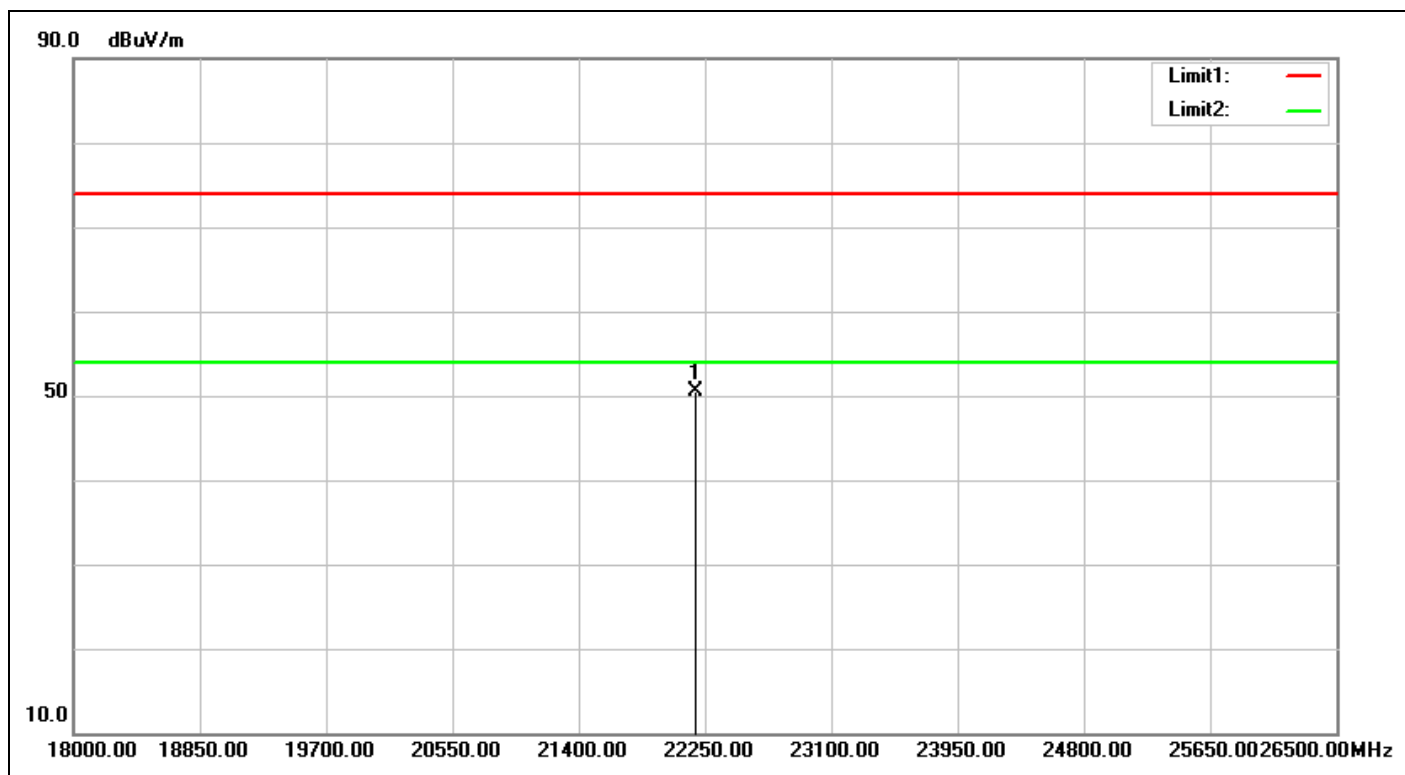
Spurious Emissions, RX Mode, 18-26G



TUV Taiwan

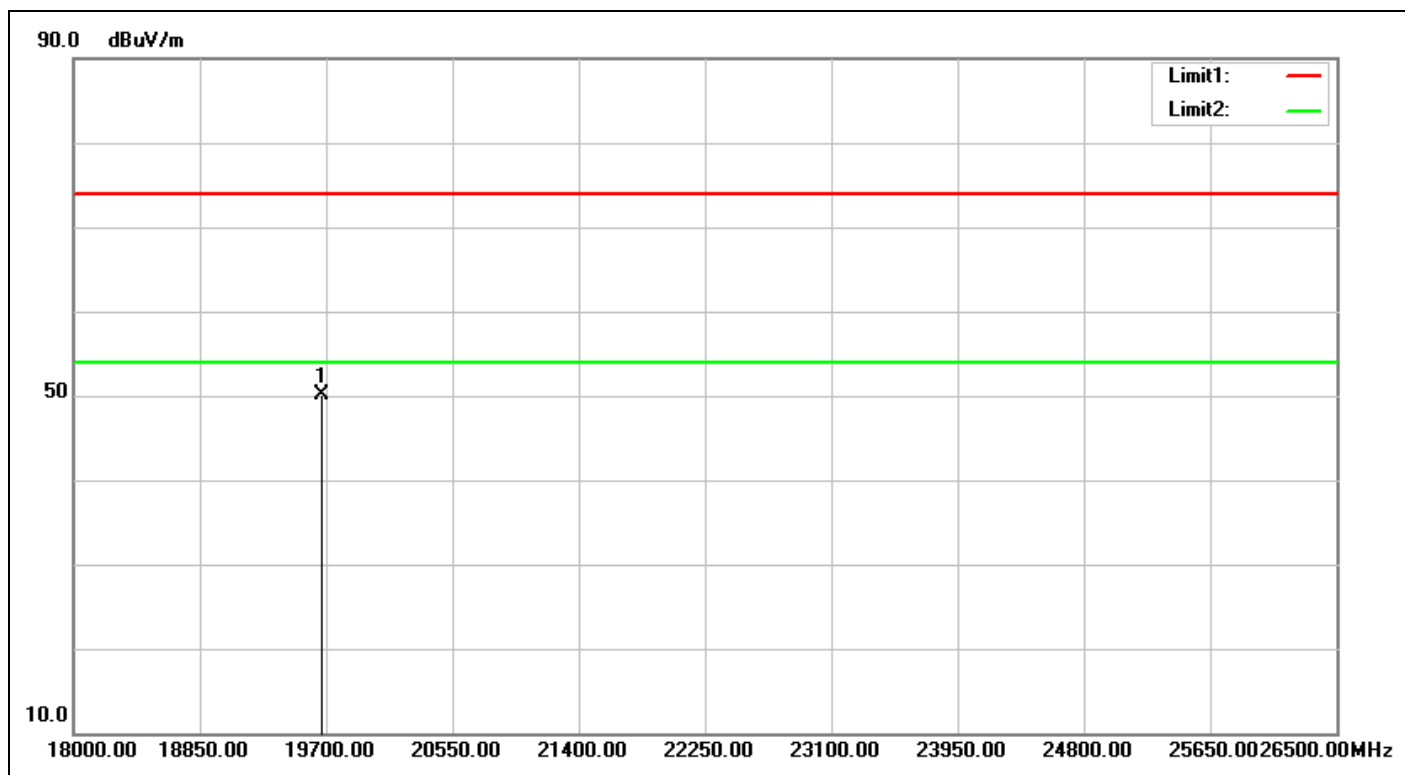
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114058593(MH1-AAA)-WiFi	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/2/16 22:53:22
Applicant:	Molekule	Test Rating:	AC 120V/60Hz
Product:	Molekule Home One Air Purifier	Temp.(°C)/Hum.(%):	20.6(°C)/52%
Model No.:	MH1-AAA	Test Engineer:	George Yang
Test Mode:	B-2437-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22182.000	33.02	17.42	50.44	74.00	-23.56	peak			



Service No.: 114058593(MH1-AAA)-WiFi

Test Standard: FCC Above 1G PEAK

Test item: Radiation Emission

Applicant: Molekule

Product: Molekule Home One Air Purifier

Model No.: MH1-AAA

Test Mode: B-2437-RX

Remark:

Test Distance: 3m

Ant. Polarization: Vertical

Test Time: 2017/2/16 22:53:30

Test Rating: AC 120V/60Hz

Temp.(°C)/Hum.(%): 20.6(°C)/52%

Test Engineer: George Yang

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19666.000	31.31	18.71	50.02	74.00	-23.98	peak			

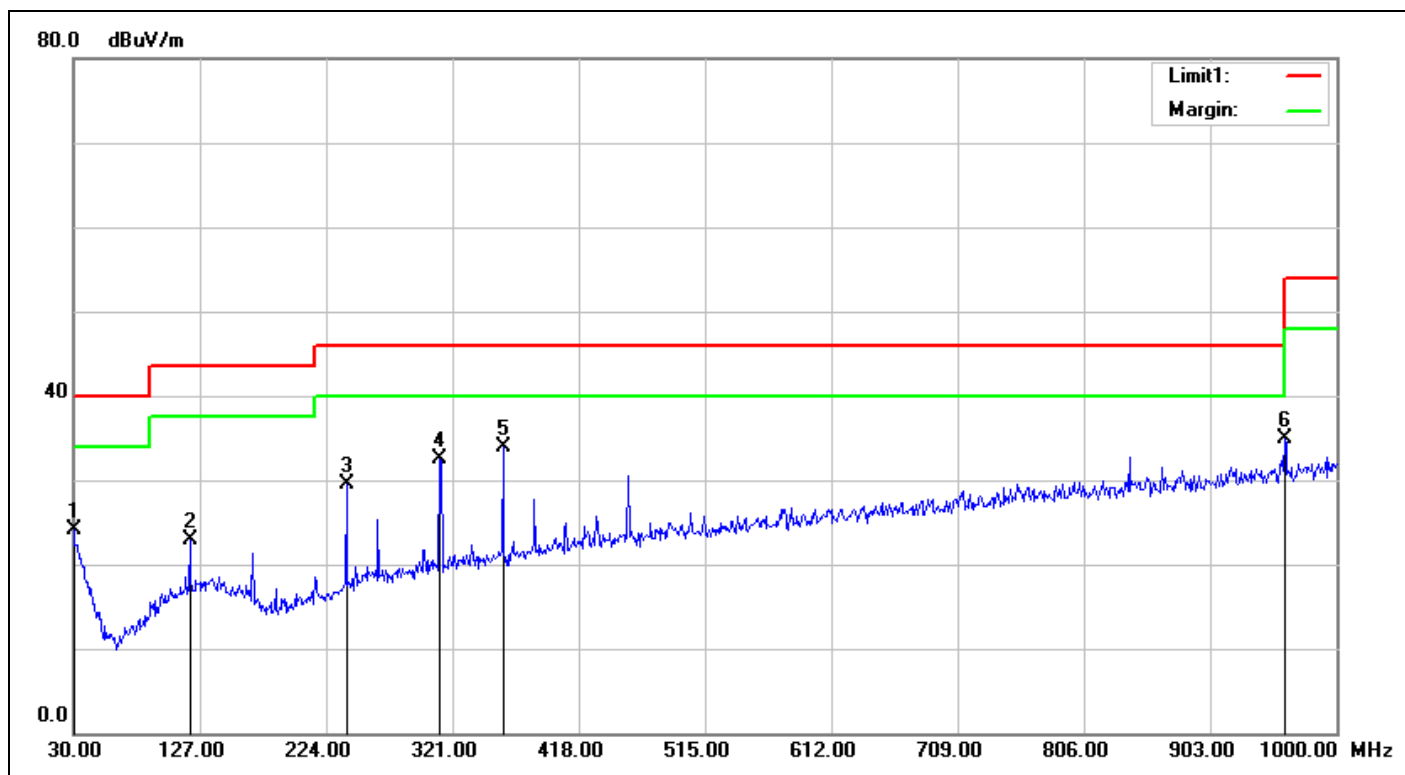
Spurious Emissions, RX Mode, 30M-1G



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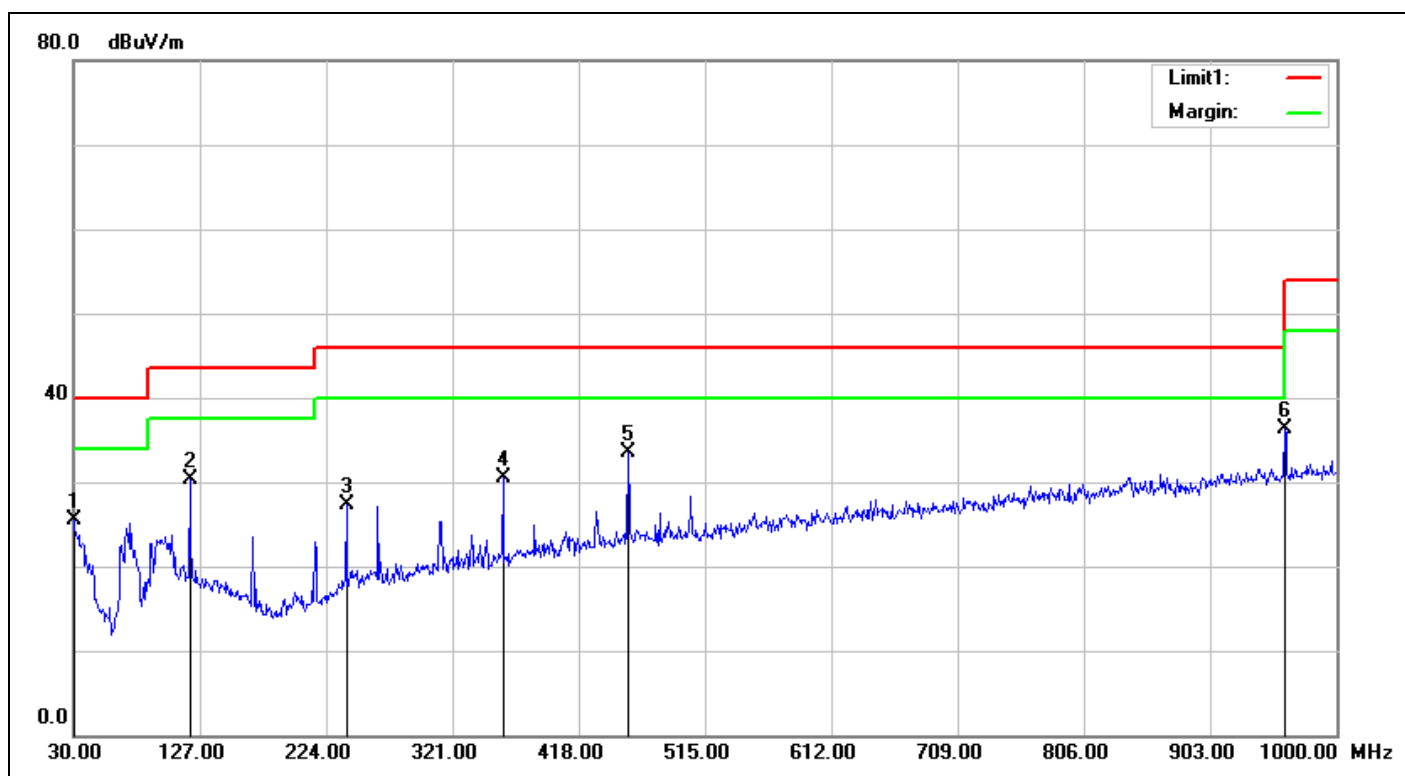
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.: 114058593(MH1-AAA)-WiFi
 Test Standard: FCC Class B 3M Radiation
 Test item: Radiation Emission
 Applicant: Molekule
 Product: Molekule Home One Air Purifier
 Model No.: MH1-AAA
 Test Mode: B-2437-RX
 Remark:

Test Distance: 3m
 Ant. Polarization: Horizontal
 Test Time: 2017/2/16 23:04:08
 Test Rating: AC 120V/60Hz
 Temp.(°C)/Hum.(%): 20.6(°C)/52%
 Test Engineer: George Yang

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	24.08	24.01	40.00	-15.99	QP	100	1	
2	119.2400	-7.40	30.36	22.96	43.50	-20.54	QP	100	84	
3	239.5200	-6.73	36.23	29.50	46.00	-16.50	QP	100	87	
4	311.3000	-4.24	36.73	32.49	46.00	-13.51	QP	100	245	
5	359.8000	-3.30	37.19	33.89	46.00	-12.11	QP	100	101	
6	960.2300	5.48	29.41	34.89	54.00	-19.11	QP	100	208	



Service No.: 114058593(MH1-AAA)-WiFi
 Test Standard: FCC Class B 3M Radiation
 Test item: Radiation Emission
 Applicant: Molekule
 Product: Molekule Home One Air Purifier
 Model No.: MH1-AAA
 Test Mode: B-2437-RX
 Remark:

Test Distance: 3m
 Ant. Polarization: Vertical
 Test Time: 2017/2/16 23:05:12
 Test Rating: AC 120V/60Hz
 Temp.(°C)/Hum.(%): 20.6(°C)/52%
 Test Engineer: George Yang

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	25.54	25.47	40.00	-14.53	QP	100	113	
2	119.2400	-7.40	37.62	30.22	43.50	-13.28	QP	100	169	
3	239.5200	-6.73	34.04	27.31	46.00	-18.69	QP	100	337	
4	359.8000	-3.30	33.87	30.57	46.00	-15.43	QP	100	257	
5	455.8300	-1.94	35.48	33.54	46.00	-12.46	QP	100	86	
6	960.2300	5.48	30.76	36.24	54.00	-17.76	QP	100	190	

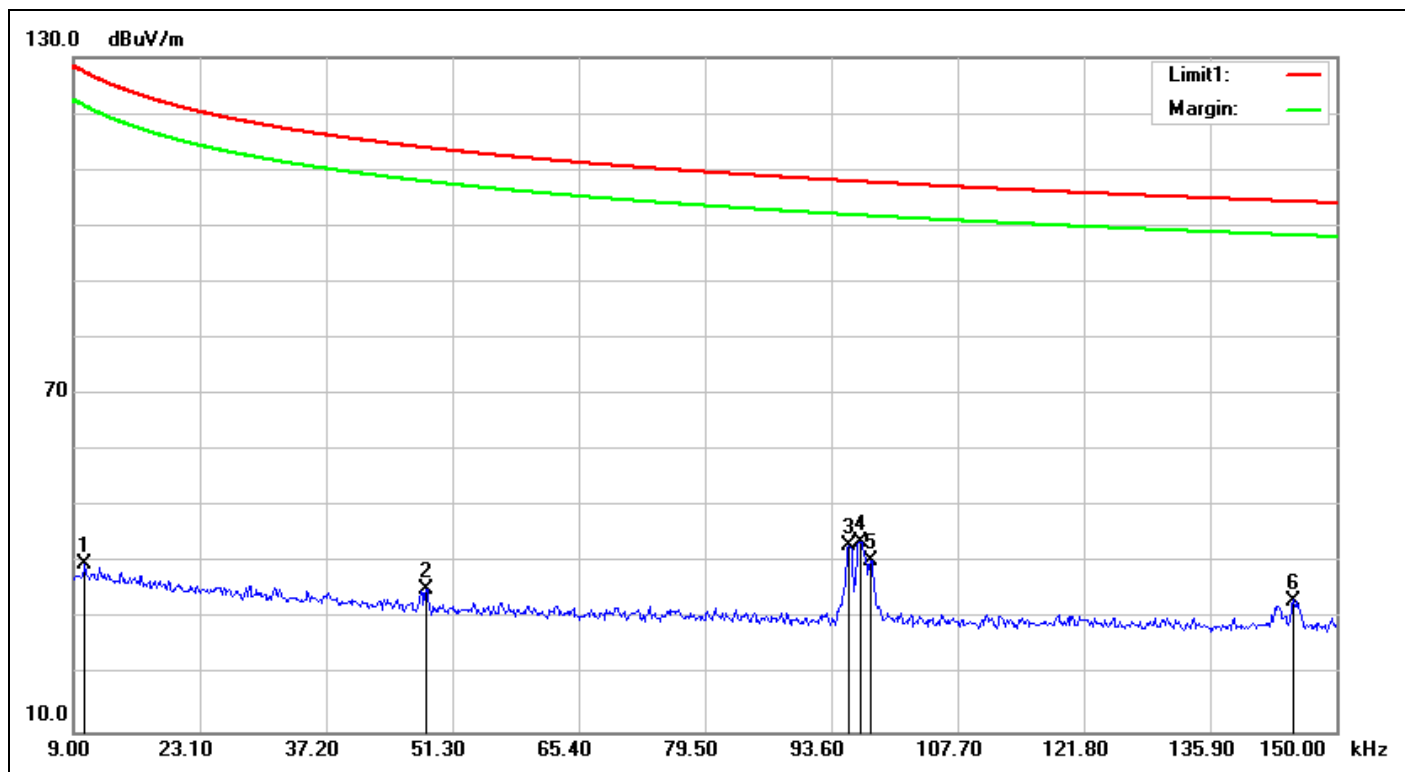
Spurious Emissions, RX Mode,9K-30M



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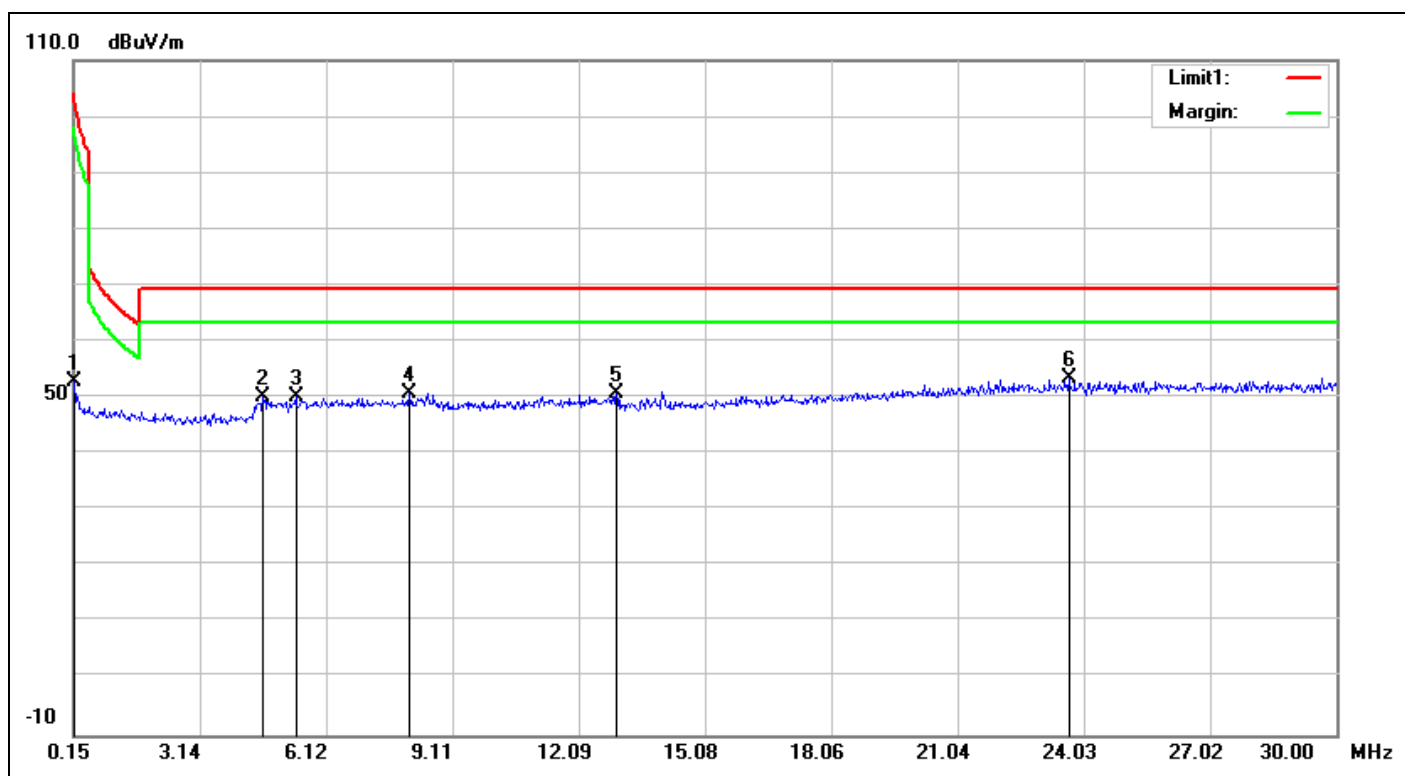
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Service No.: 114058593(MH1-AAA)-WiFi
 Test Standard: FCC15.209_9k-1G_3m
 Test item: Radiation Emission
 Applicant: Molekule
 Product: Molekule Home One Air Purifier
 Model No.: MH1-AAA
 Test Mode: RX
 Remark:

Test Distance: 3m
 Ant. Polarization:
 Test Time: 2017/3/6 21:12:05
 Test Rating: AC 120V/60Hz
 Temp.(°C)/Hum.(%): 21.2(°C)/64%
 Test Engineer: George Yang

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0103	20.53	19.18	39.71	127.33	-87.62	QP	100	3	
2	0.0483	19.69	15.77	35.46	113.91	-78.45	QP	100	94	
3	0.0956	19.28	24.01	43.29	107.99	-64.70	QP	100	72	
4	0.0968	19.27	24.59	43.86	107.88	-64.02	QP	100	27	
5	0.0980	19.26	21.23	40.49	107.77	-67.28	QP	100	152	
6	0.1452	19.25	14.15	33.40	104.36	-70.96	QP	100	81	



Service No.: 114058593(MH1-AAA)-WiFi
 Test Standard: FCC15.209_9k-1G_3m
 Test item: Radiation Emission
 Applicant: Molekule
 Product: Molekule Home One Air Purifier
 Model No.: MH1-AAA
 Test Mode: RX
 Remark:

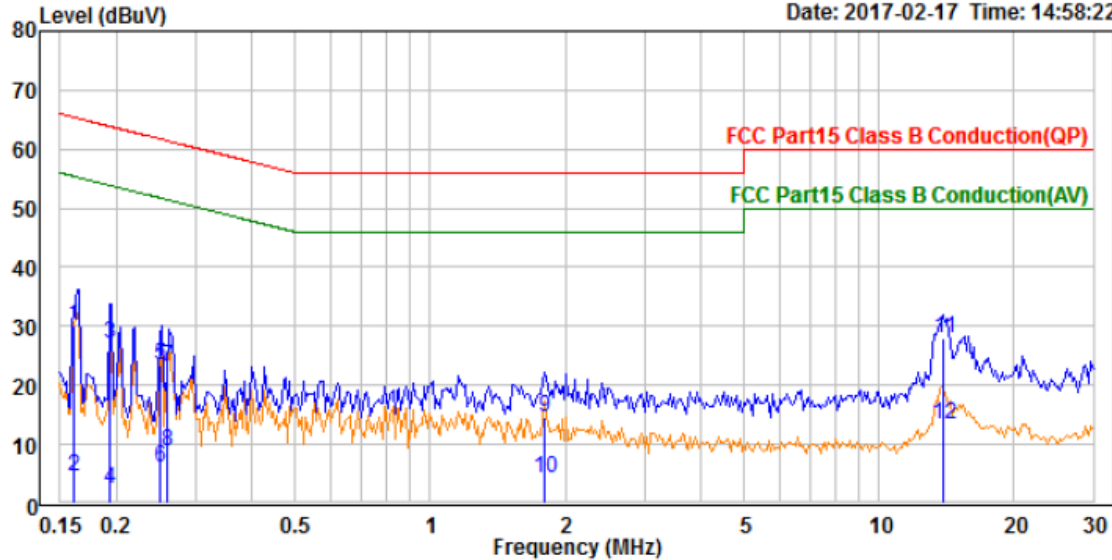
Test Distance: 3m
 Ant. Polarization:
 Test Time: 2017/3/6 21:15:02
 Test Rating: AC 120V/60Hz
 Temp.(°C)/Hum.(%): 21.2(°C)/64%
 Test Engineer: George Yang

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1799	19.25	33.54	52.79	102.50	-49.71	QP	100	351	
2	4.6275	19.58	30.60	50.18	69.50	-19.32	QP	100	160	
3	5.4036	19.76	30.32	50.08	69.50	-19.42	QP	100	351	
4	8.0901	20.18	30.54	50.72	69.50	-18.78	QP	100	243	
5	12.9855	20.87	29.85	50.72	69.50	-18.78	QP	100	360	
6	23.6718	21.95	31.42	53.37	69.50	-16.13	QP	100	320	

Mains Spurious Emissions

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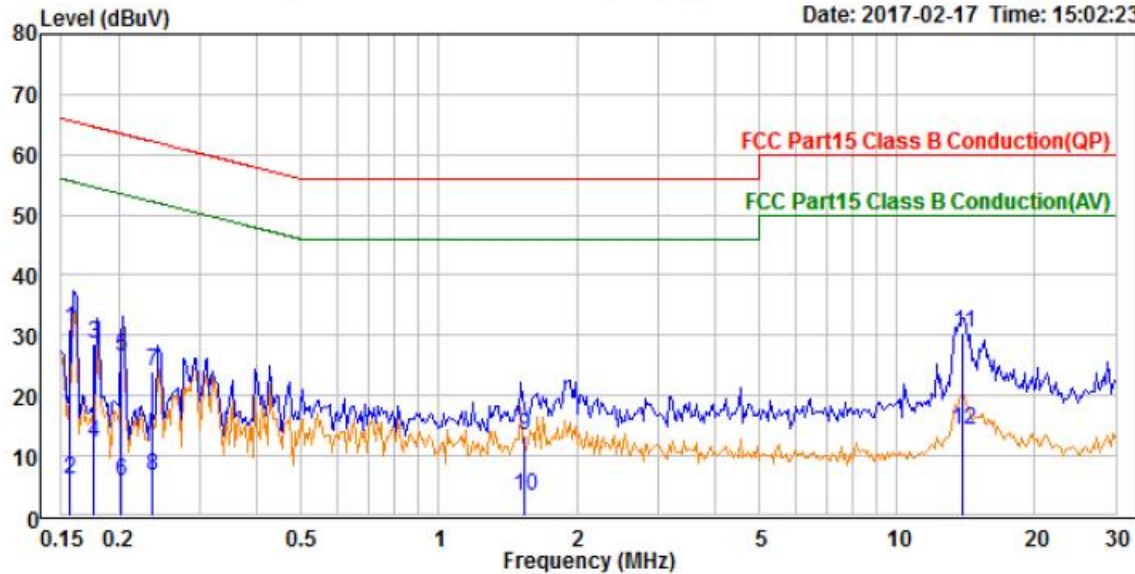
Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: George Yang
Applicant : Molekule
Product : Molekule Home One Air Purifier
Model No. : MH1-AAA
Test Rating : 120Vac/60Hz
Tmp/Hum : 24.3°C / 37%
Memo : Mains

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.160	30.18	20.40	9.78	65.45	-35.27	QP
2	0.160	4.63	-5.15	9.78	55.45	-50.82	Average
3	0.193	26.93	17.17	9.76	63.93	-37.00	QP
4	0.193	2.54	-7.22	9.76	53.93	-51.39	Average
5	0.251	23.36	13.61	9.75	61.71	-38.35	QP
6	0.251	6.07	-3.68	9.75	51.71	-45.64	Average
7	0.259	23.14	13.39	9.75	61.47	-38.33	QP
8	0.259	8.89	-0.86	9.75	51.47	-42.58	Average
9	1.805	14.69	4.92	9.77	56.00	-41.31	QP
10	1.805	4.40	-5.37	9.77	46.00	-41.60	Average
11	13.954	27.95	18.04	9.91	60.00	-32.05	QP
12	13.954	13.38	3.47	9.91	50.00	-36.62	Average

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Date: 2017-02-17 Time: 15:02:23



Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) neutral
Test Engineer: George Yang
Applicant : Molekule
Product : Molekule Home One Air Purifier
Model No. : MH1-AAA
Test Rating : 120Vac/60Hz
Tmp/Hum : 24.3°C / 37%
Memo : Mains

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.156	31.02	21.29	9.73	65.68	-34.66	QP
2	0.156	6.17	-3.56	9.73	55.68	-49.51	Average
3	0.176	28.54	18.84	9.70	64.67	-36.13	QP
4	0.176	12.04	2.34	9.70	54.67	-42.63	Average
5	0.203	26.31	16.62	9.69	63.48	-37.17	QP
6	0.203	5.66	-4.03	9.69	53.48	-47.82	Average
7	0.237	23.89	14.20	9.69	62.19	-38.30	QP
8	0.237	6.54	-3.15	9.69	52.19	-45.65	Average
9	1.538	13.25	3.54	9.71	56.00	-42.75	QP
10	1.538	3.28	-6.43	9.71	46.00	-42.72	Average
11	13.950	30.31	20.43	9.88	60.00	-29.69	QP
12	13.950	14.18	4.30	9.88	50.00	-35.82	Average