

Test Report No.10051888 001

Appendix D: Radiated and Mains Spurious Emission Data

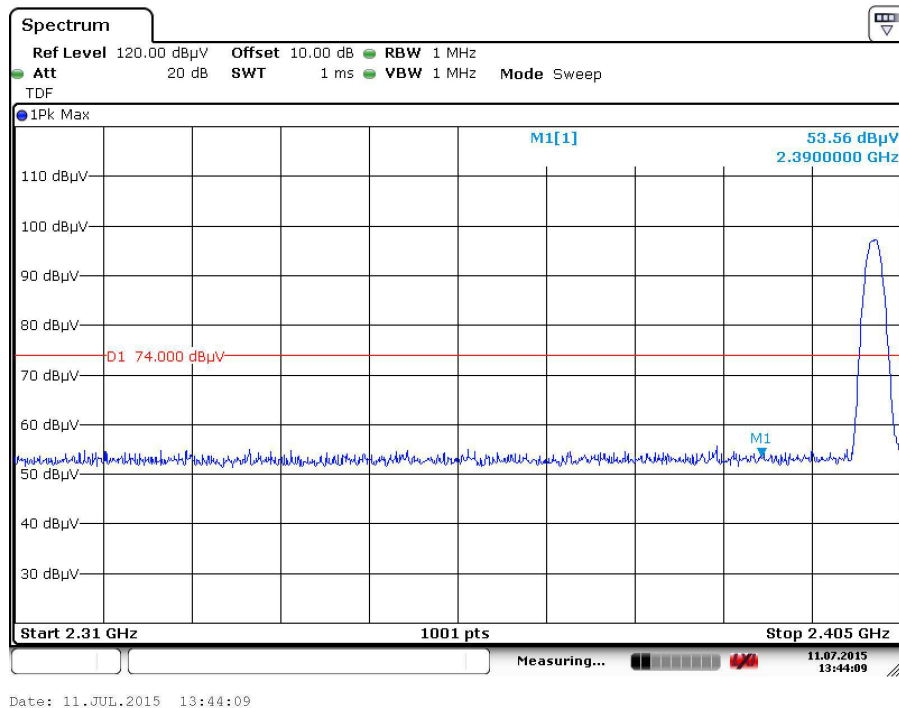
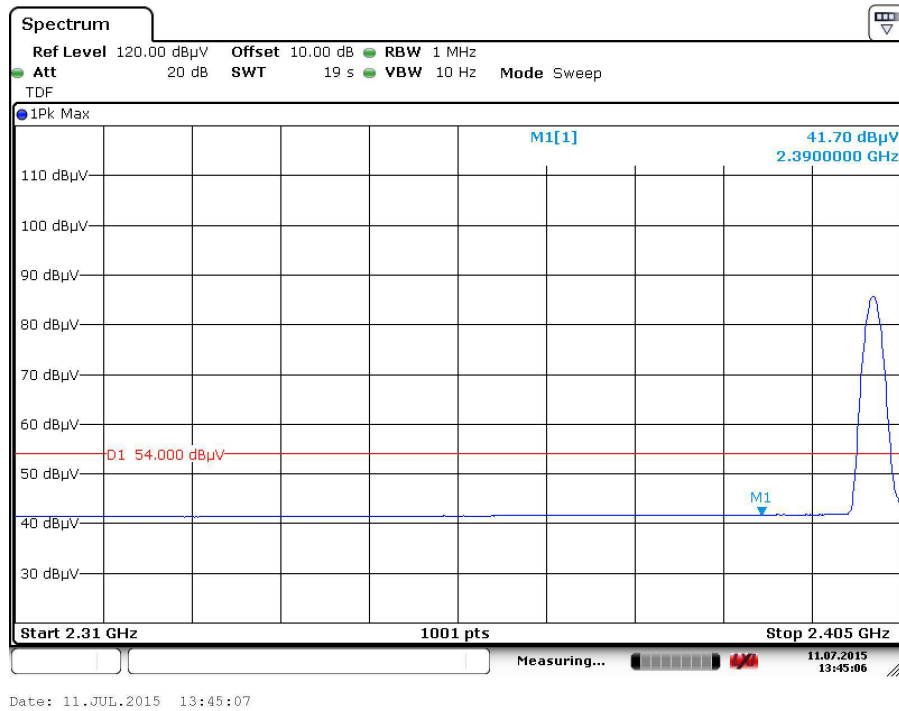
(File: 10051888AppendixD)

Contents

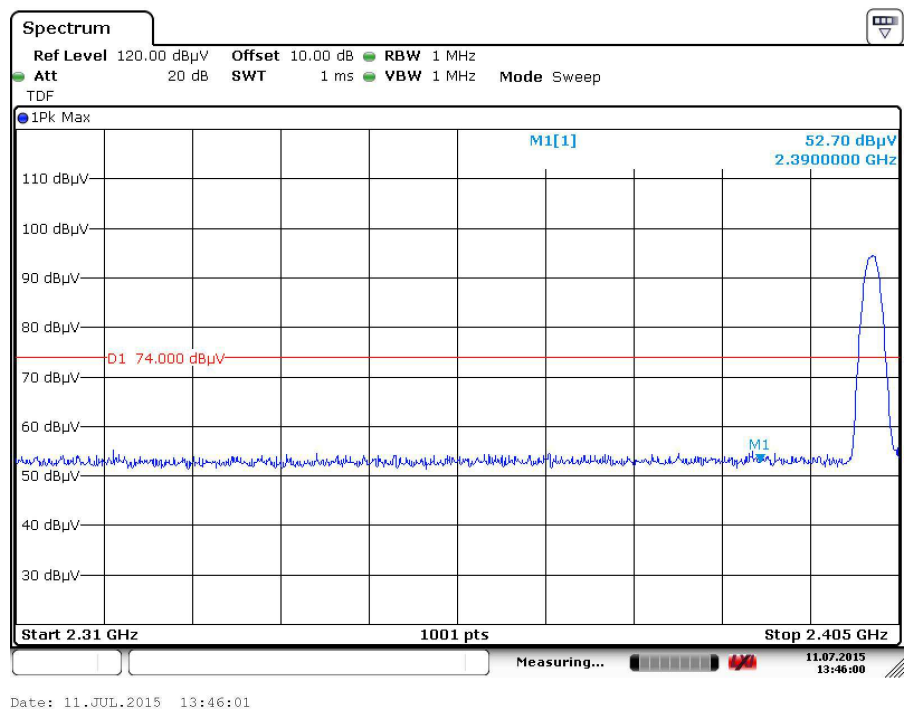
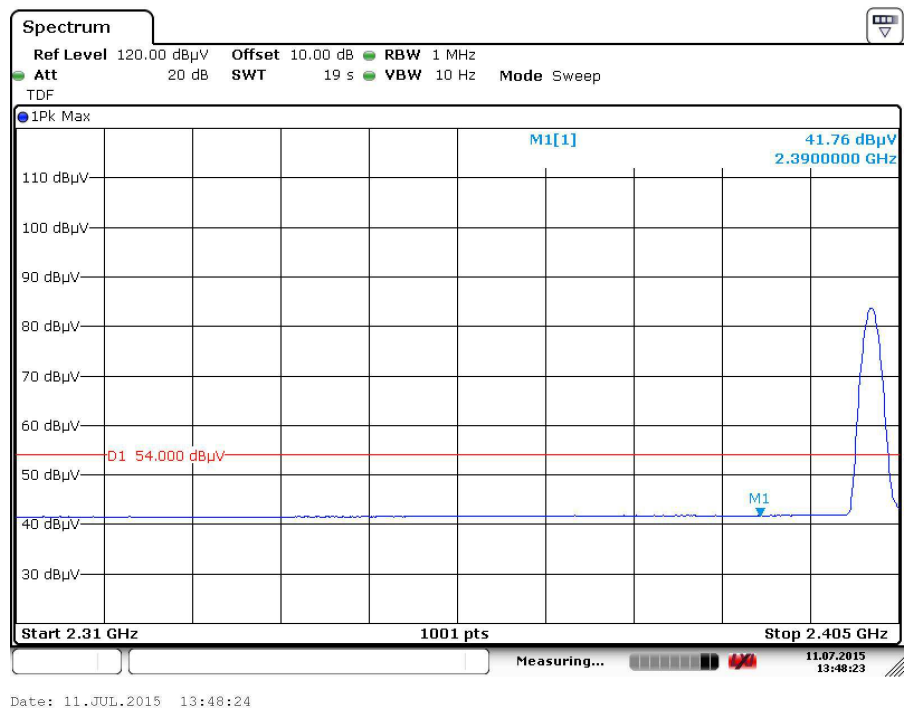
Spurious Emissions, Band Edges, 2.35-2.5G	2
Spurious Emissions, TX Mode, 1-18G.....	10
Spurious Emissions, TX Mode, 18-26G.....	22
Spurious Emissions, TX Mode, 30M-1G	34
Spurious Emissions, RX Mode, 1-18G	36
Spurious Emissions, RX Mode, 18-26G	42
Spurious Emissions, RX Mode, 30M-1G.....	48
Spurious Emissions, Mains, 150kHz - 30MHz.....	50

Radiated Bandedge (GFSK)

Low Channel (Hor)



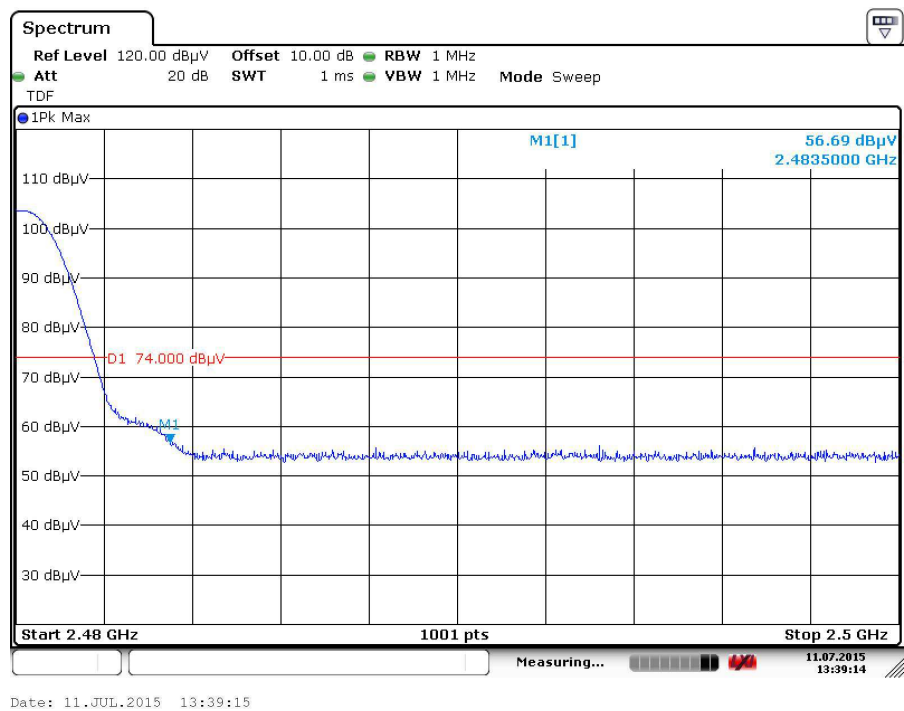
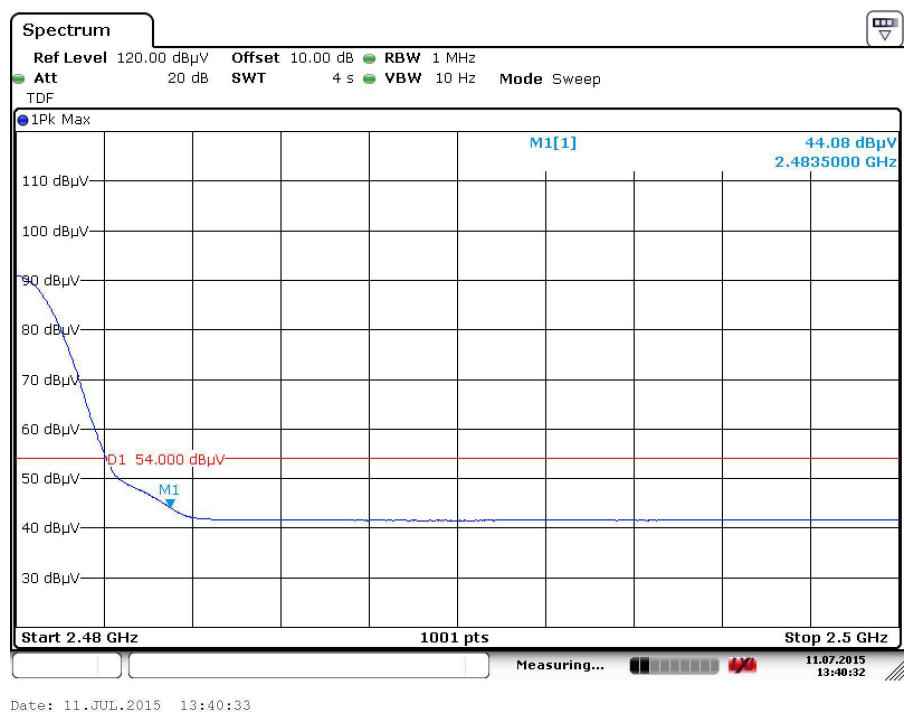
Low Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

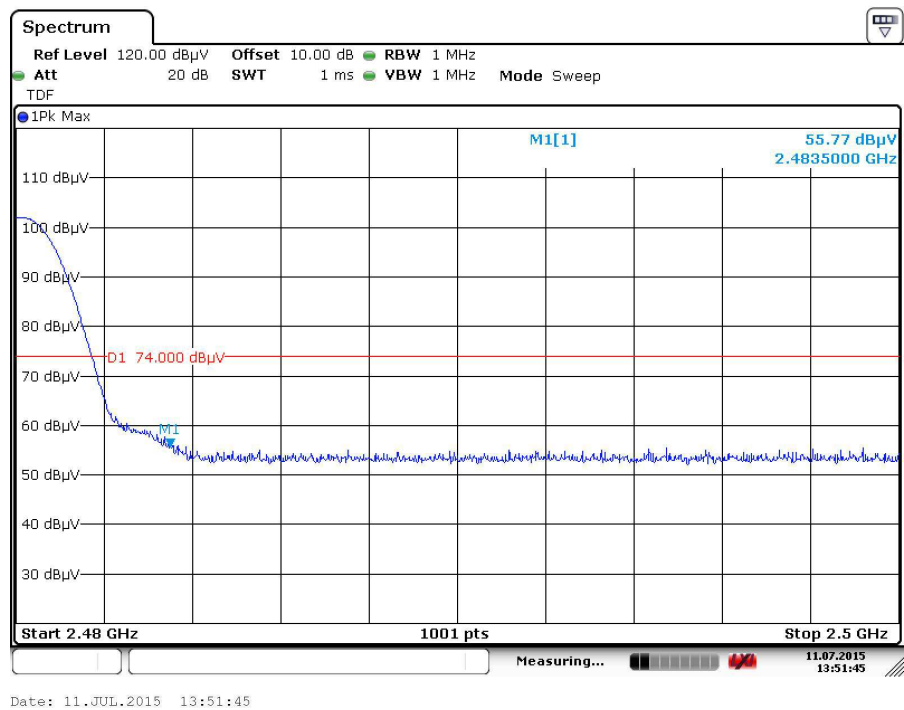
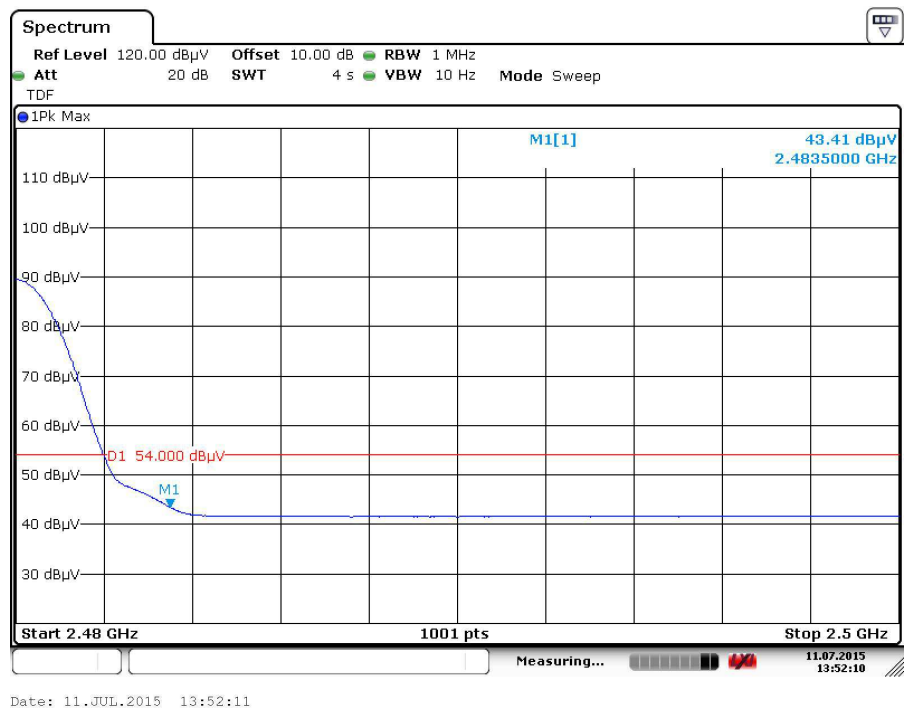
Radiated Bandedge (GFSK)

High Channel (Hor)



Spurious Emissions, Band Edge, 2.35-2.5G

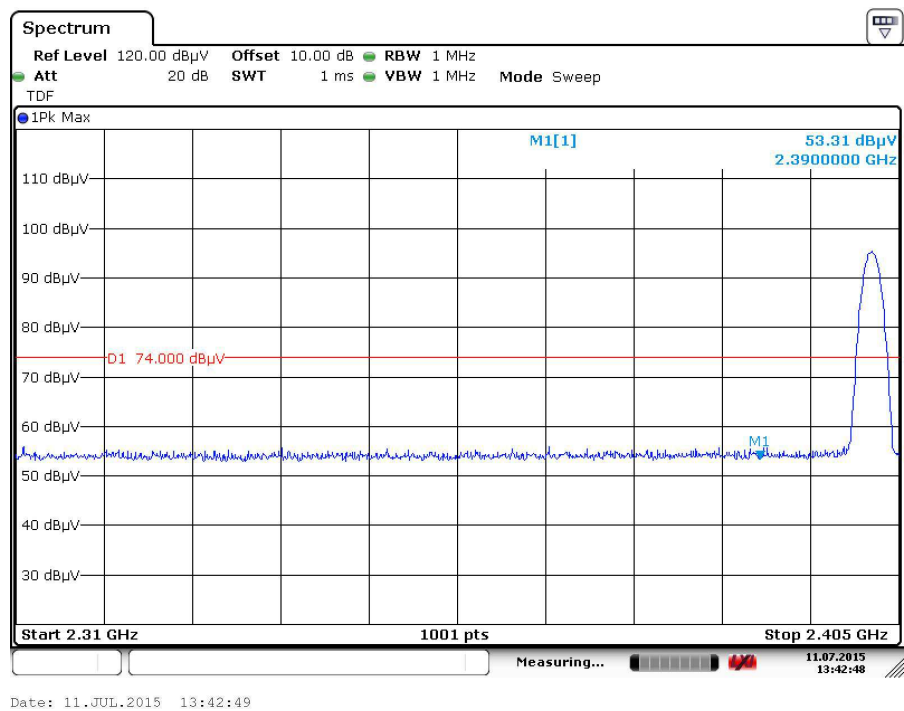
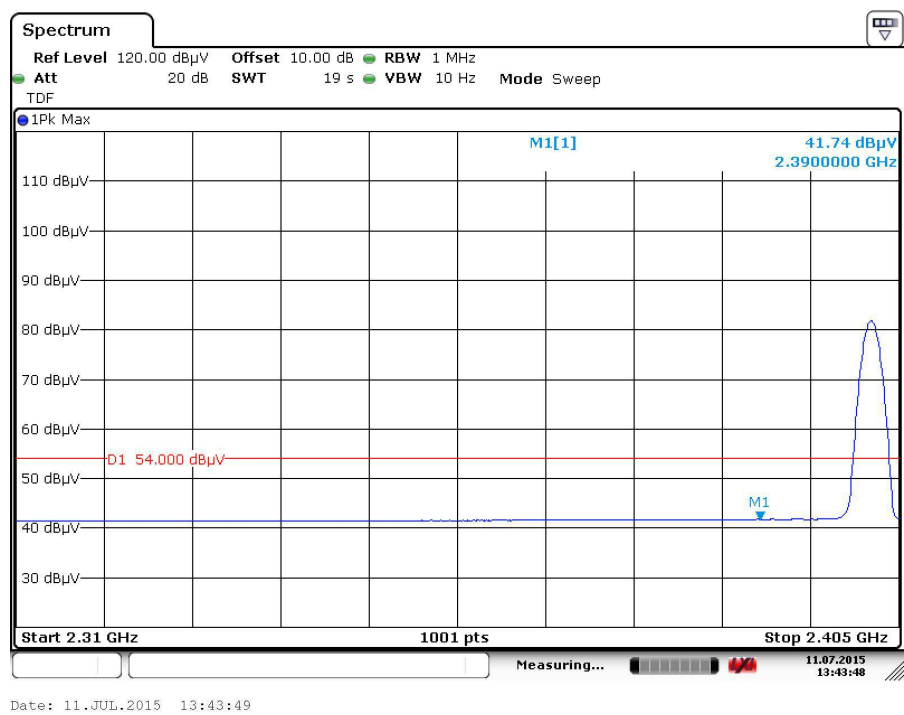
High Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

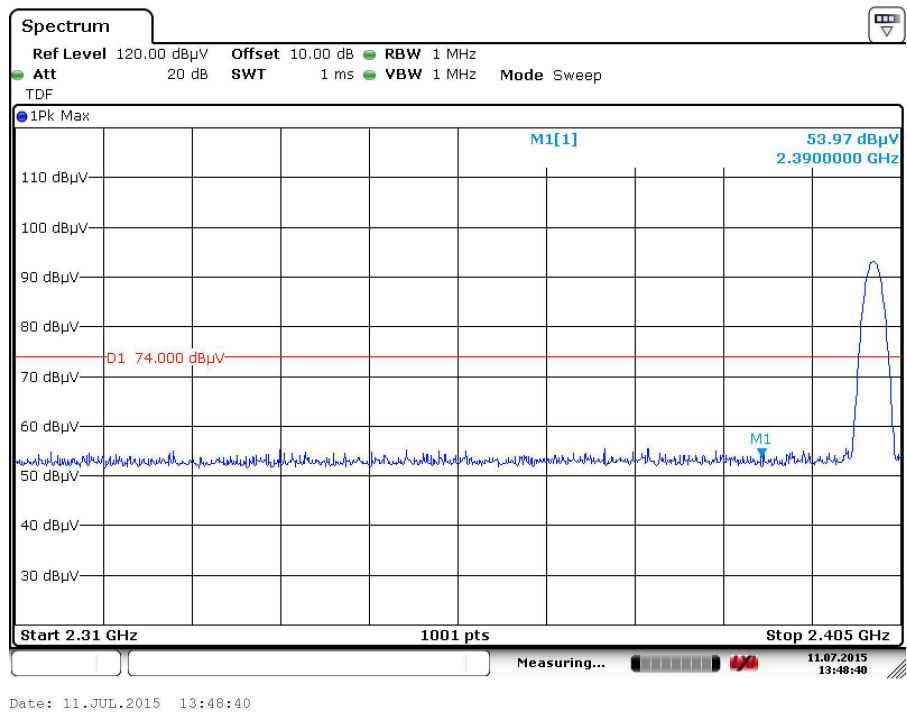
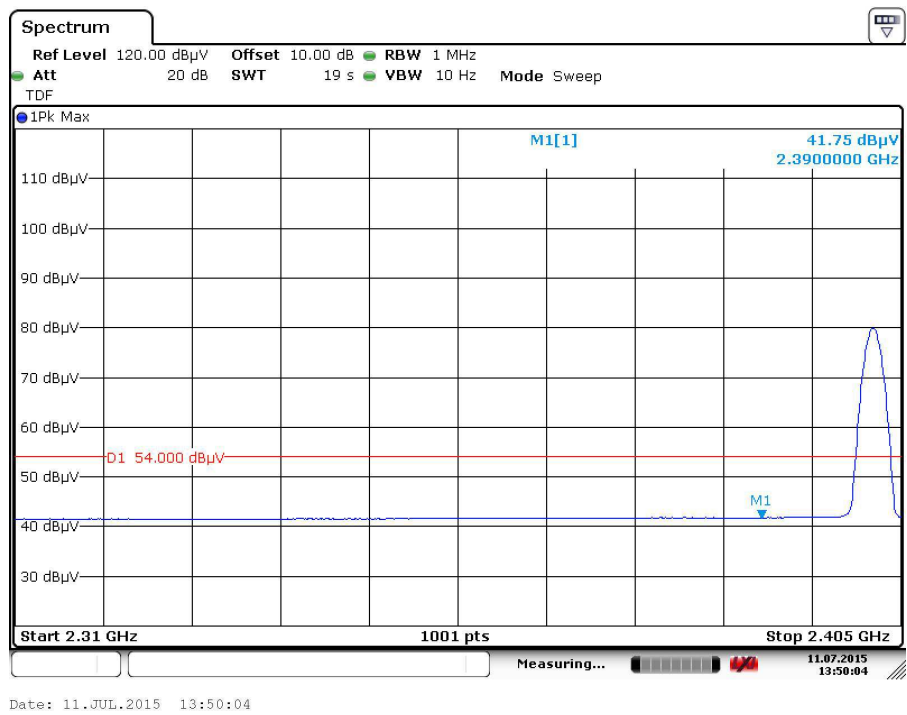
Radiated Bandedge (8DPSK)

Low Channel (Hor)



Spurious Emissions, Band Edge, 2.35-2.5G

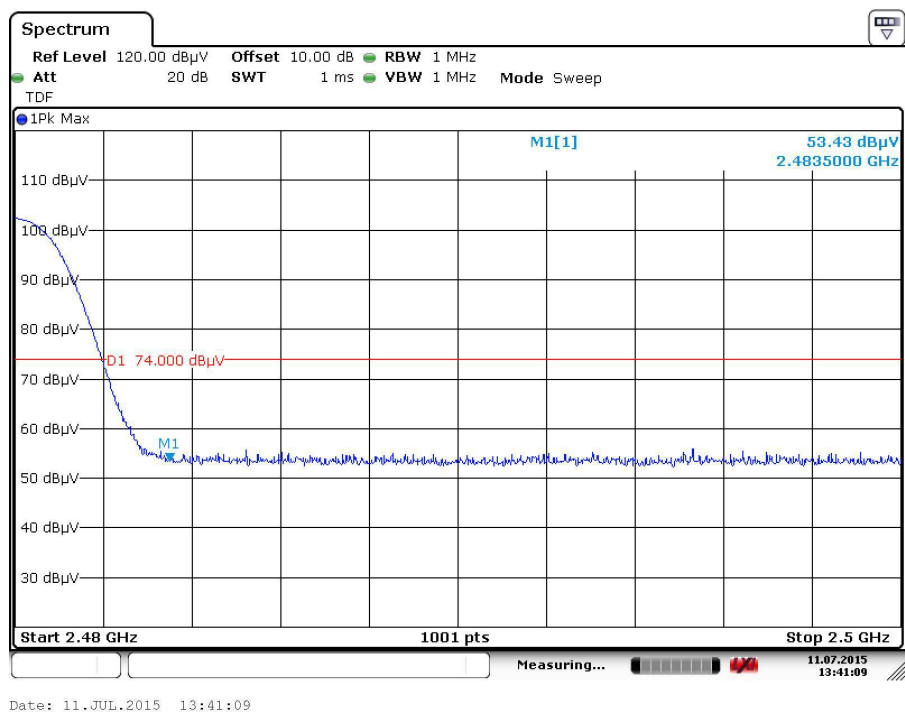
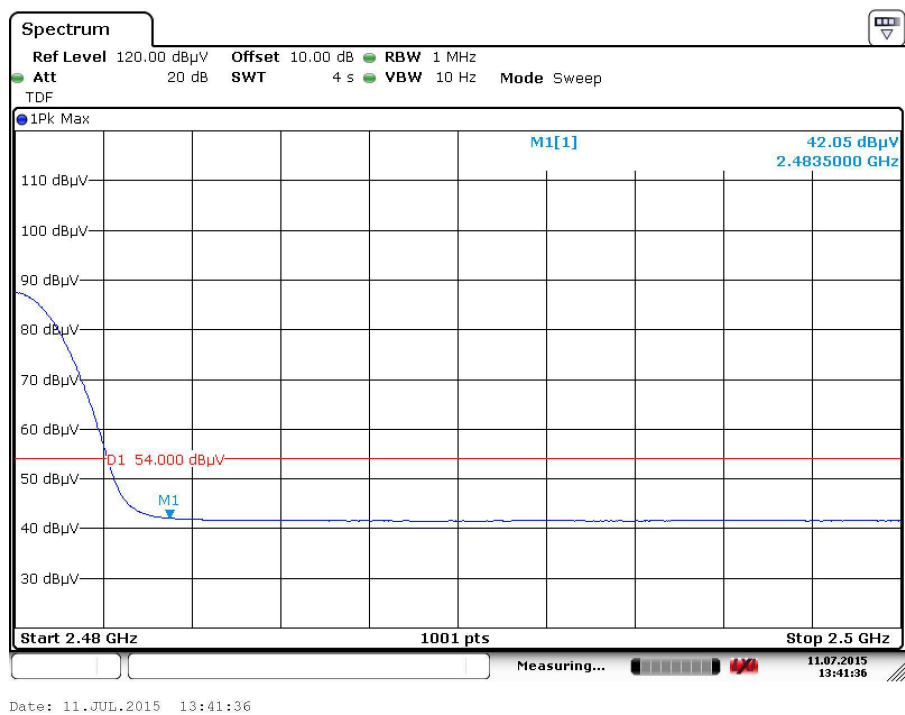
Low Channel (Ver)



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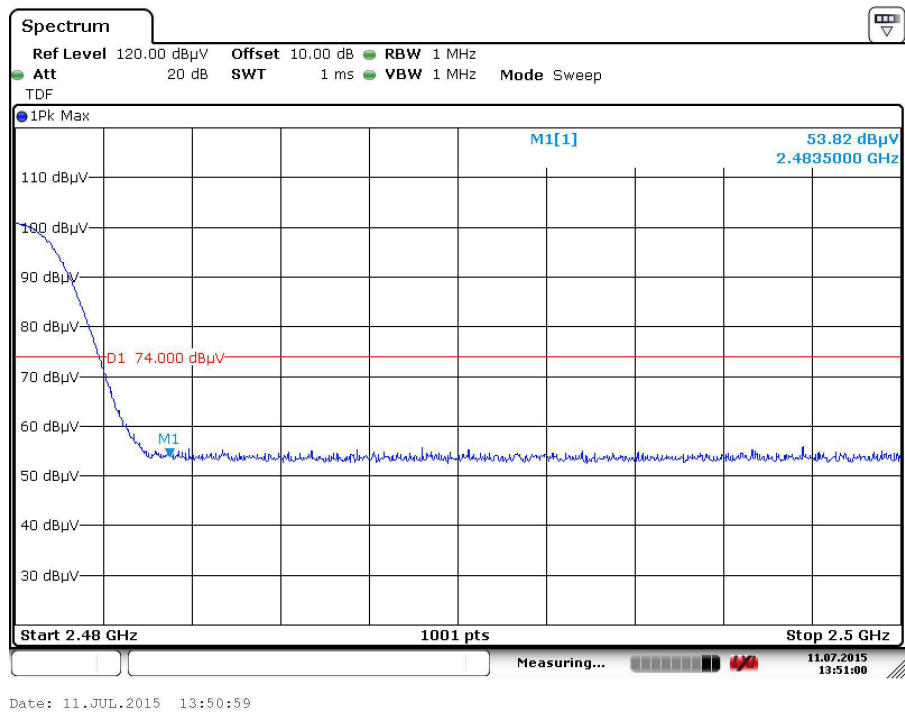
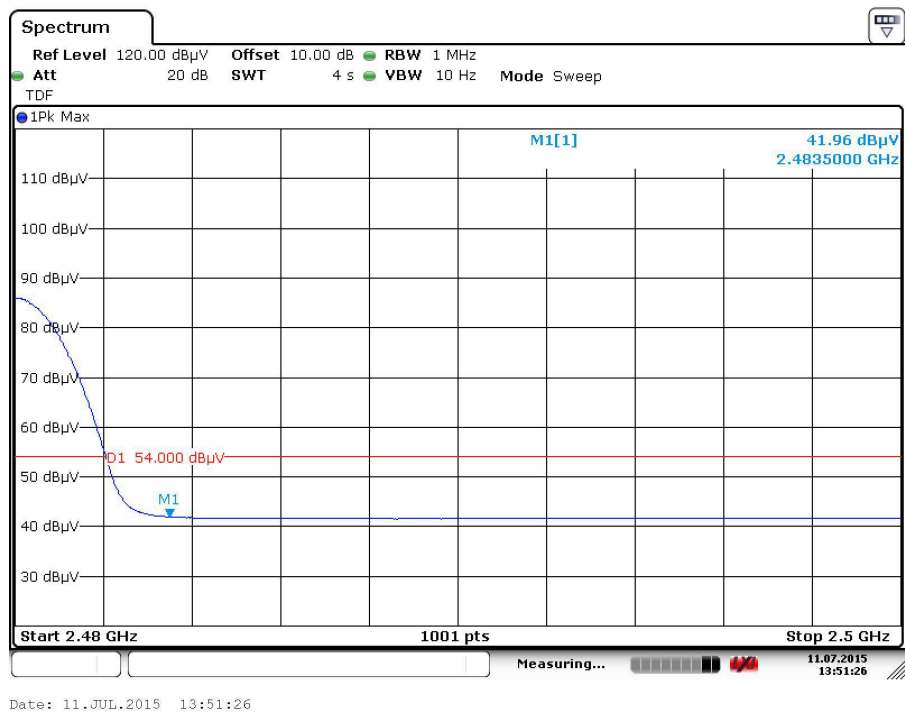
Radiated Bandedge (8DPSK)

High Channel (Hor)



Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

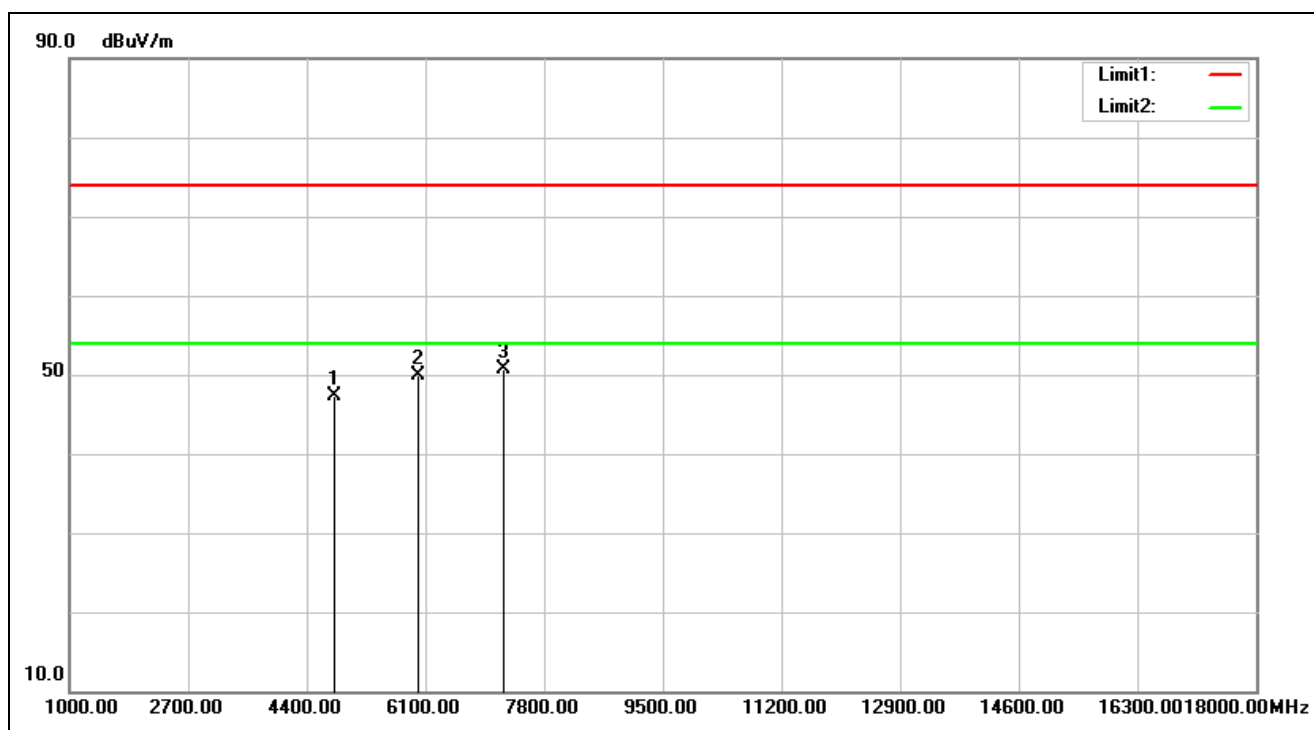
Spurious Emissions, TX Mode, 1-18G



TUV Taiwan

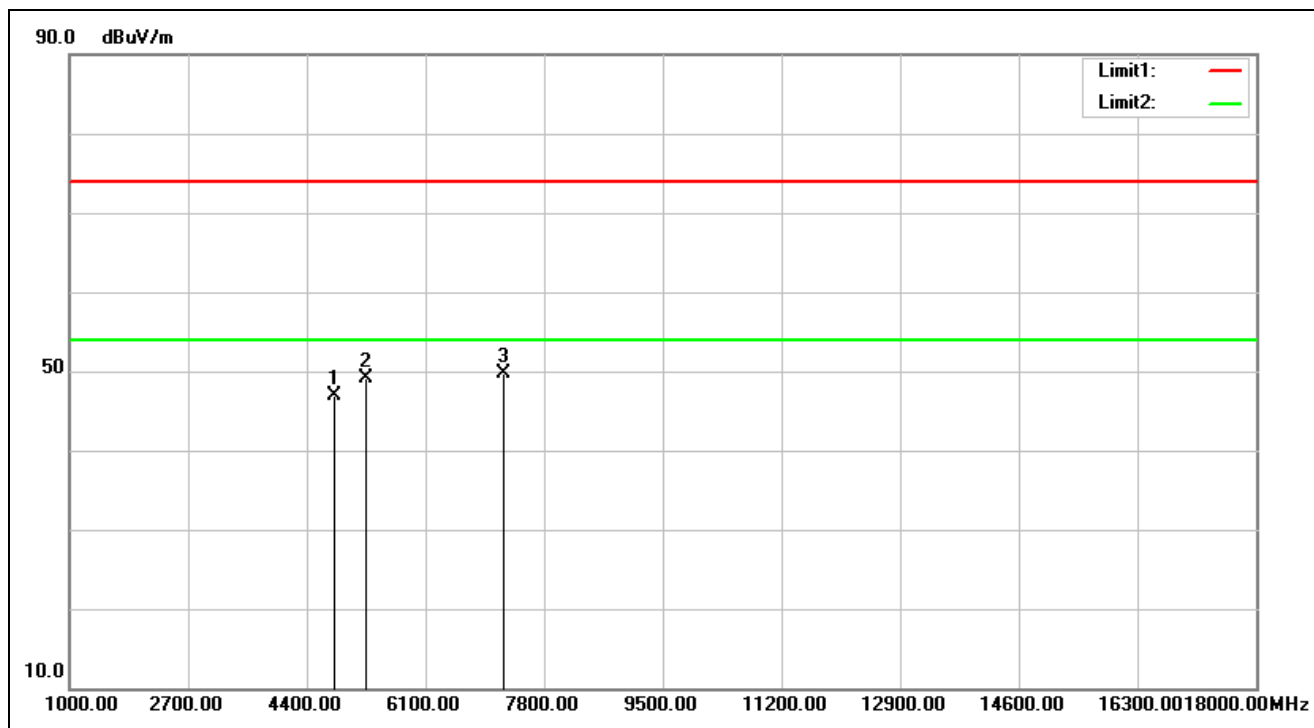
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



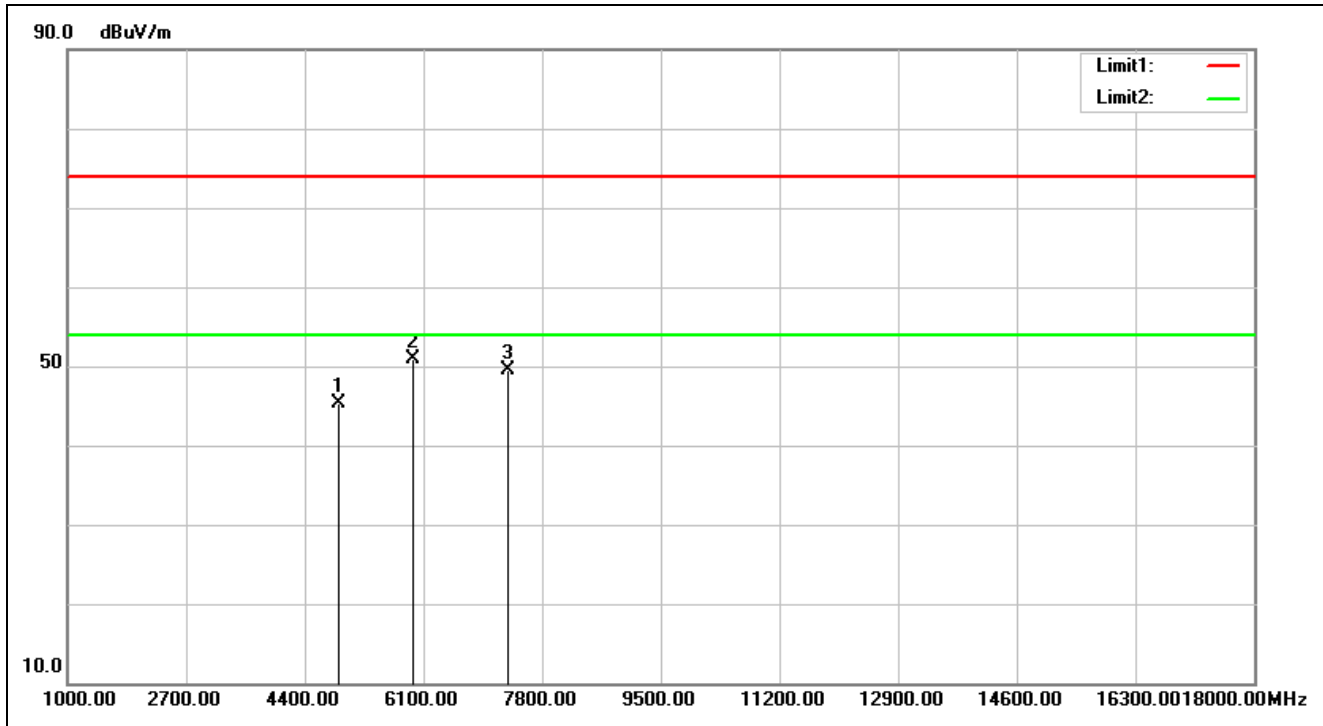
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Test item:	Radiation Emission	Test Time:	2015/7/11 13:53:07
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%)	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2402-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.35	49.72	47.37	74.00	-26.63	peak		0	
2	5998.000	4.07	45.84	49.91	74.00	-24.09	peak	100	151	
3	7206.000	5.78	44.96	50.74	74.00	-23.26	peak		0	



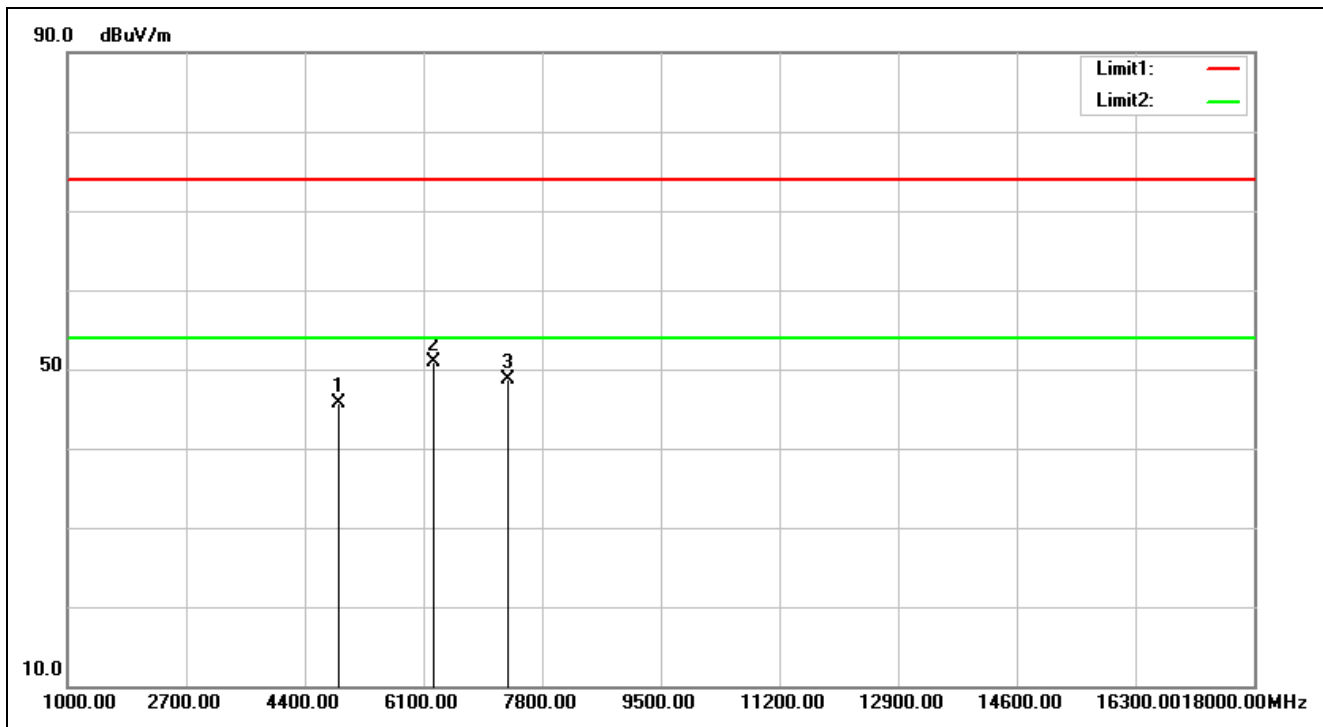
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/11 13:54:09
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2402-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.35	49.26	46.91	74.00	-27.09	peak			
2	5250.000	-0.52	49.68	49.16	74.00	-24.84	peak	100	51	
3	7206.000	5.78	43.95	49.73	74.00	-24.27	peak			



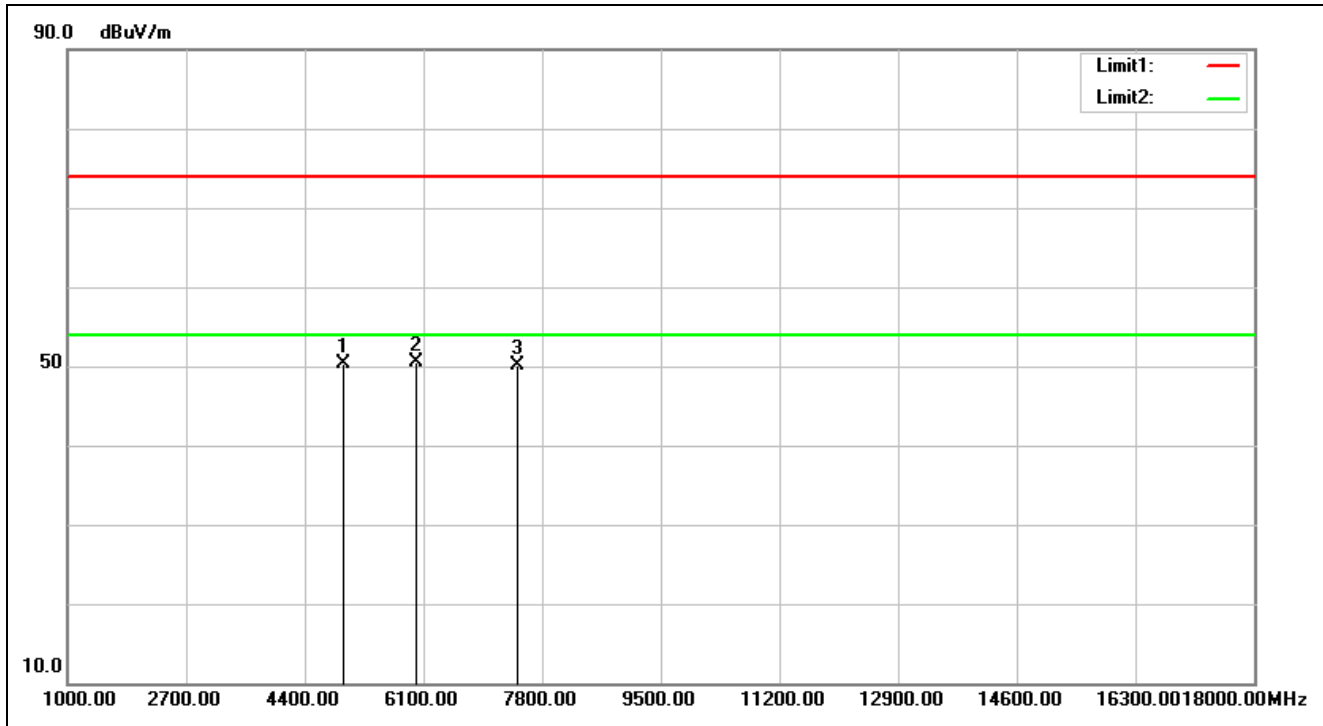
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Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2441-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4882.000	-2.16	47.45	45.29	74.00	-28.71	peak			
2	5947.000	3.74	47.07	50.81	74.00	-23.19	peak	100	284	
3	7323.000	6.13	43.31	49.44	74.00	-24.56	peak			



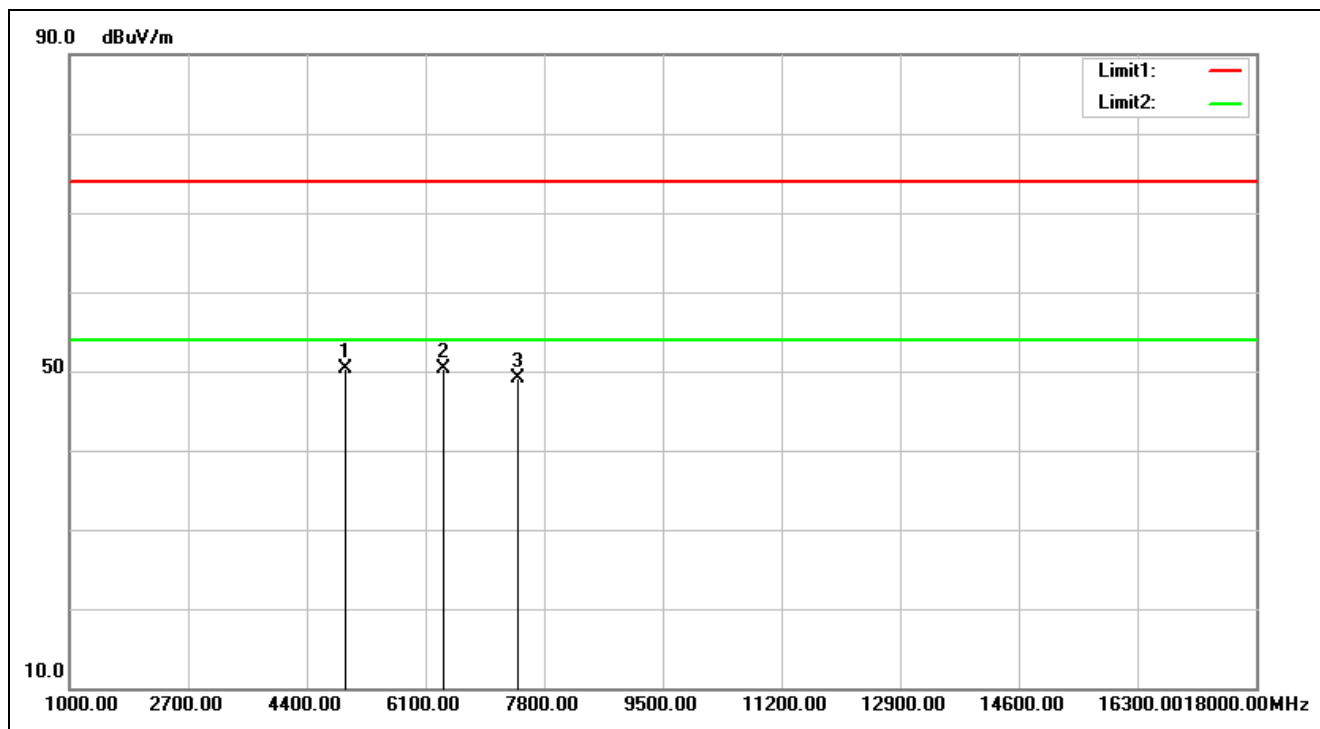
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Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2441-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4882.000	-2.16	47.81	45.65	74.00	-28.35	peak			
2	6236.000	5.00	45.92	50.92	74.00	-23.08	peak	100	134	
3	7323.000	6.13	42.60	48.73	74.00	-25.27	peak			



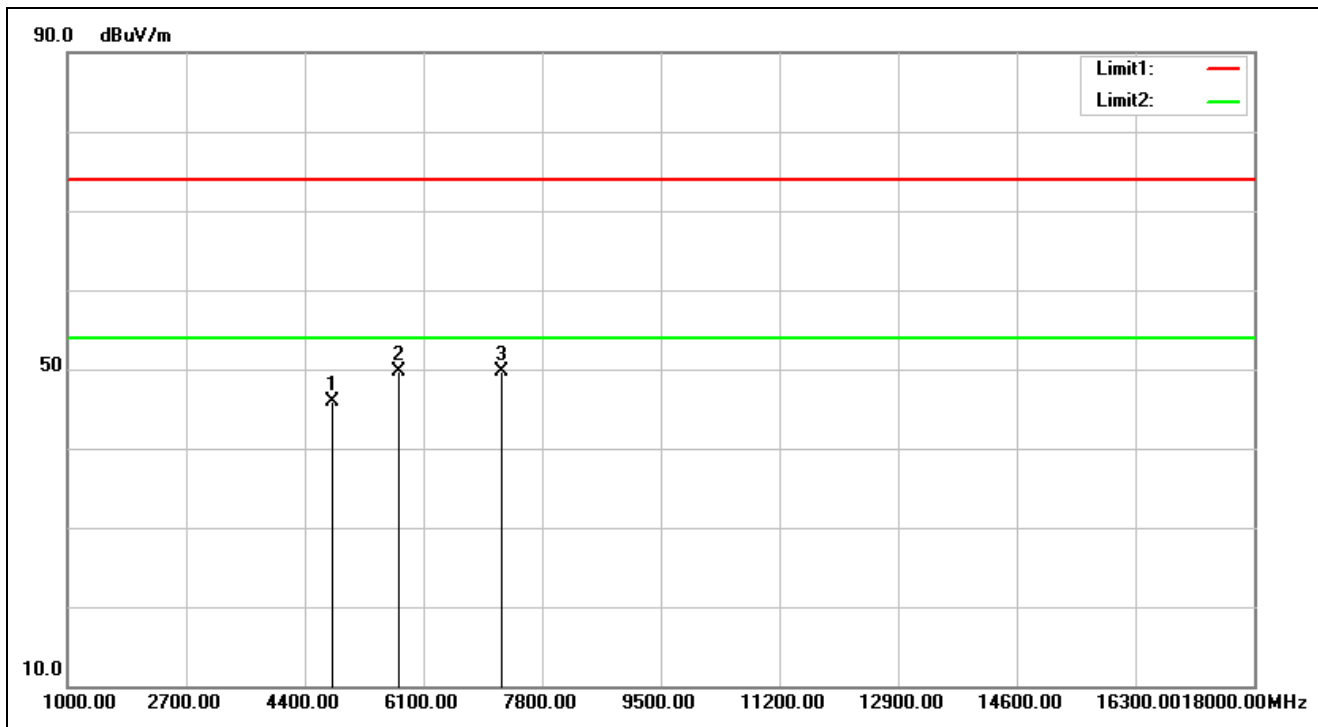
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Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2480-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-1.97	52.34	50.37	74.00	-23.63	peak			
2	5998.000	4.07	46.39	50.46	74.00	-23.54	peak	100	109	
3	7440.000	6.47	43.56	50.03	74.00	-23.97	peak			



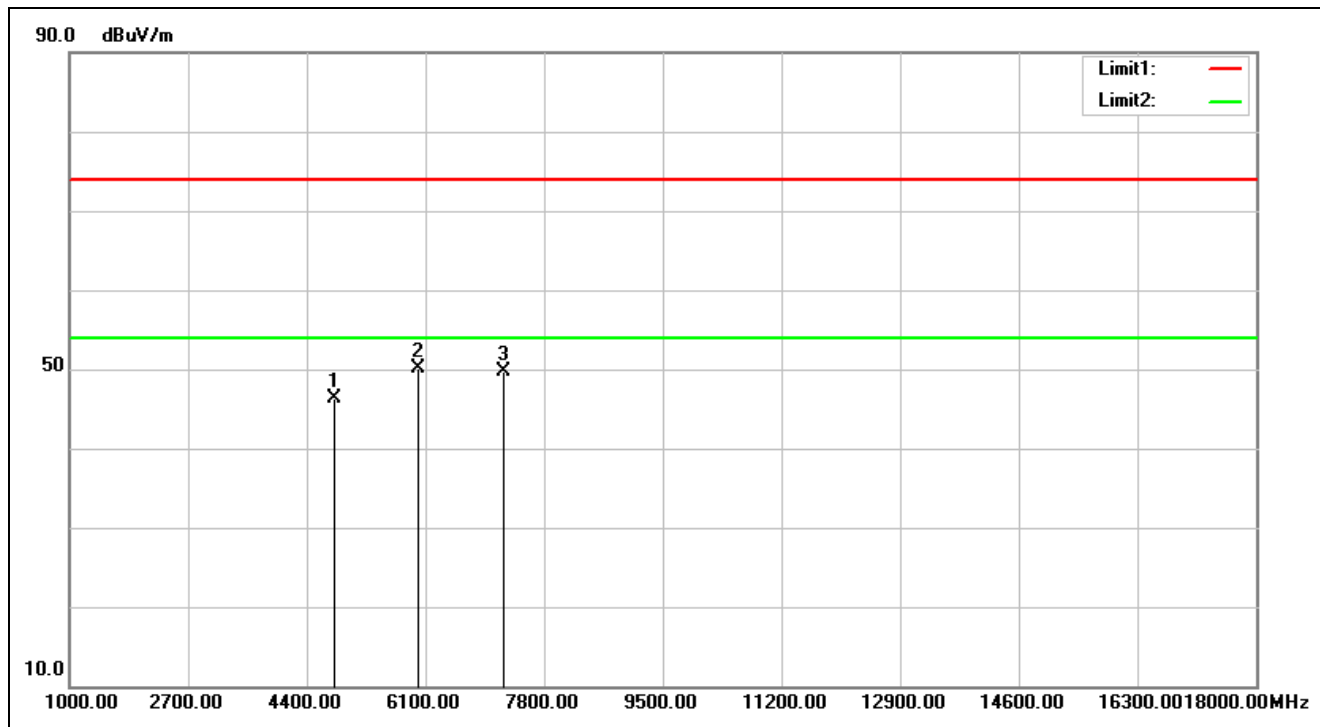
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Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%)	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2480-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-1.97	52.19	50.22	74.00	-23.78	peak			
2	6355.000	5.47	44.80	50.27	74.00	-23.73	peak	100	245	
3	7440.000	6.47	42.60	49.07	74.00	-24.93	peak			



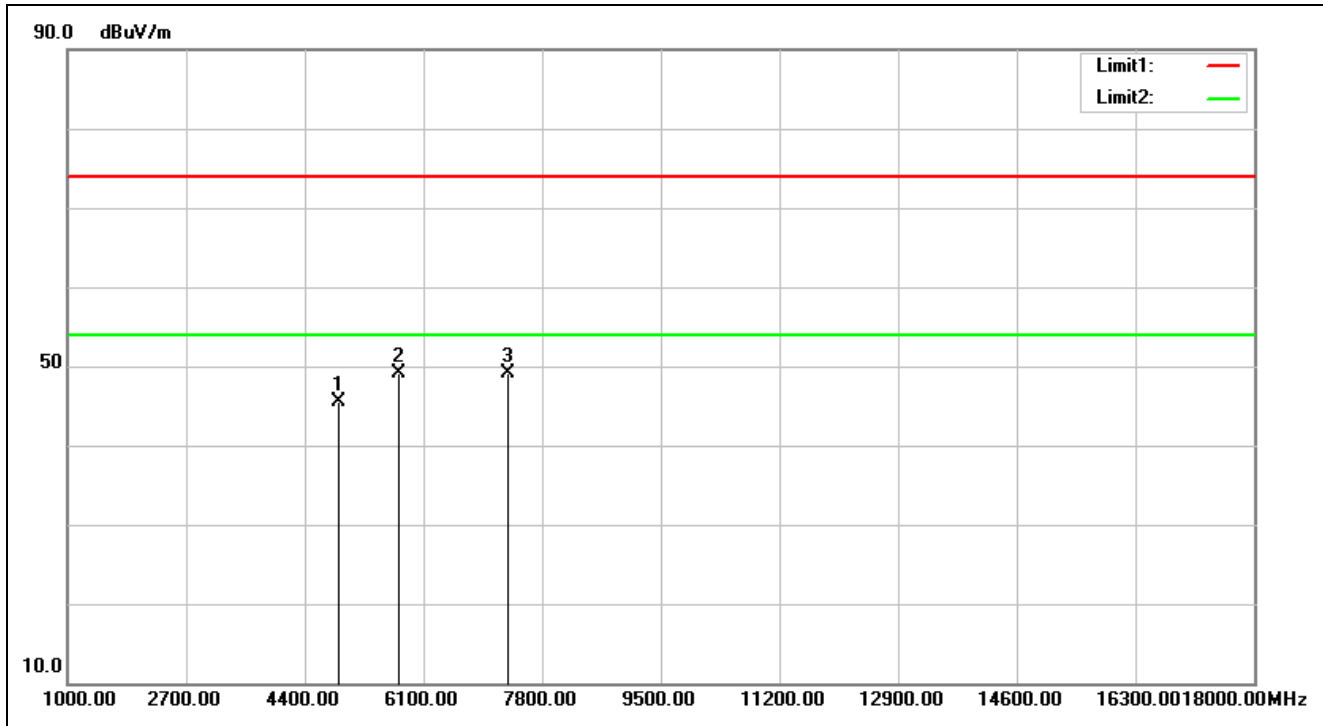
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Test item:	Radiation Emission	Test Time:	2015/7/11 14:03:39
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%)	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	3DH5-2402-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.35	48.32	45.97	74.00	-28.03	peak			
2	5743.000	2.40	47.40	49.80	74.00	-24.20	peak	100	234	
3	7206.000	5.78	43.85	49.63	74.00	-24.37	peak			



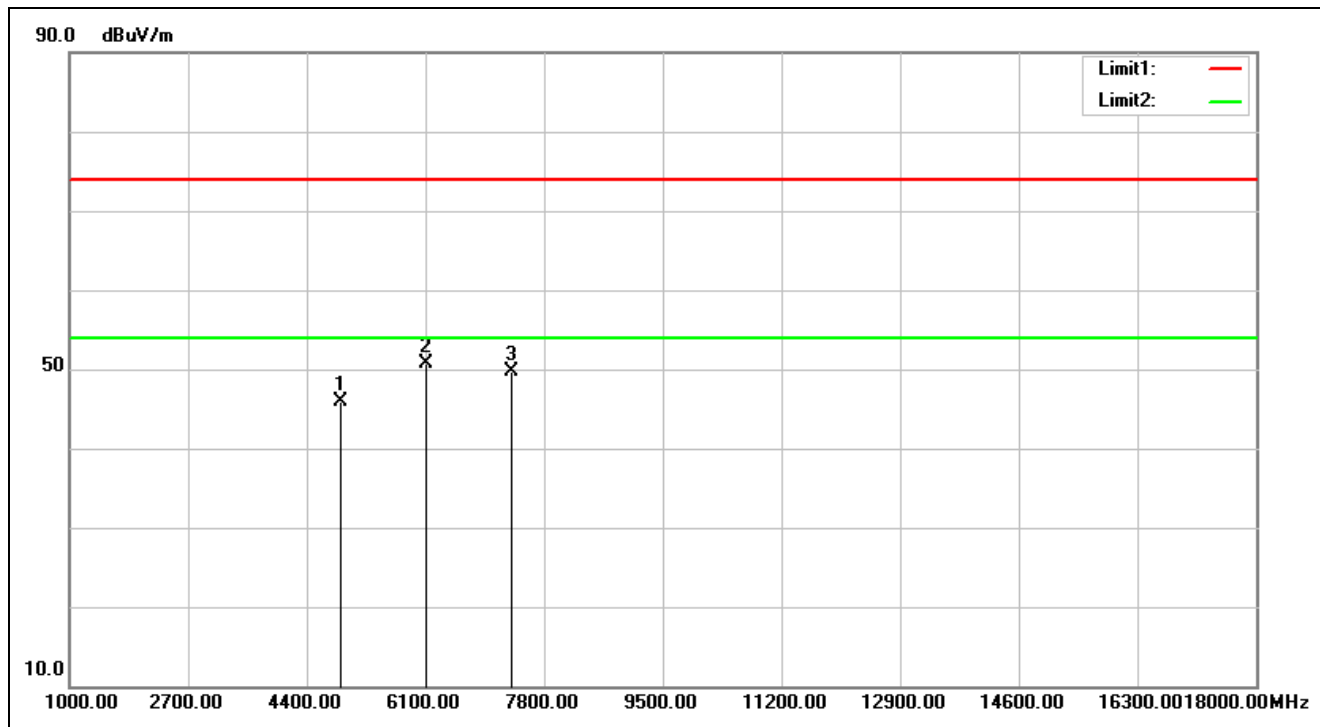
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/11 14:04:41
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%)	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	3DH5-2402-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.35	48.69	46.34	74.00	-27.66	peak			
2	5998.000	4.07	46.09	50.16	74.00	-23.84	peak	100	20	
3	7206.000	5.78	43.99	49.77	74.00	-24.23	peak			



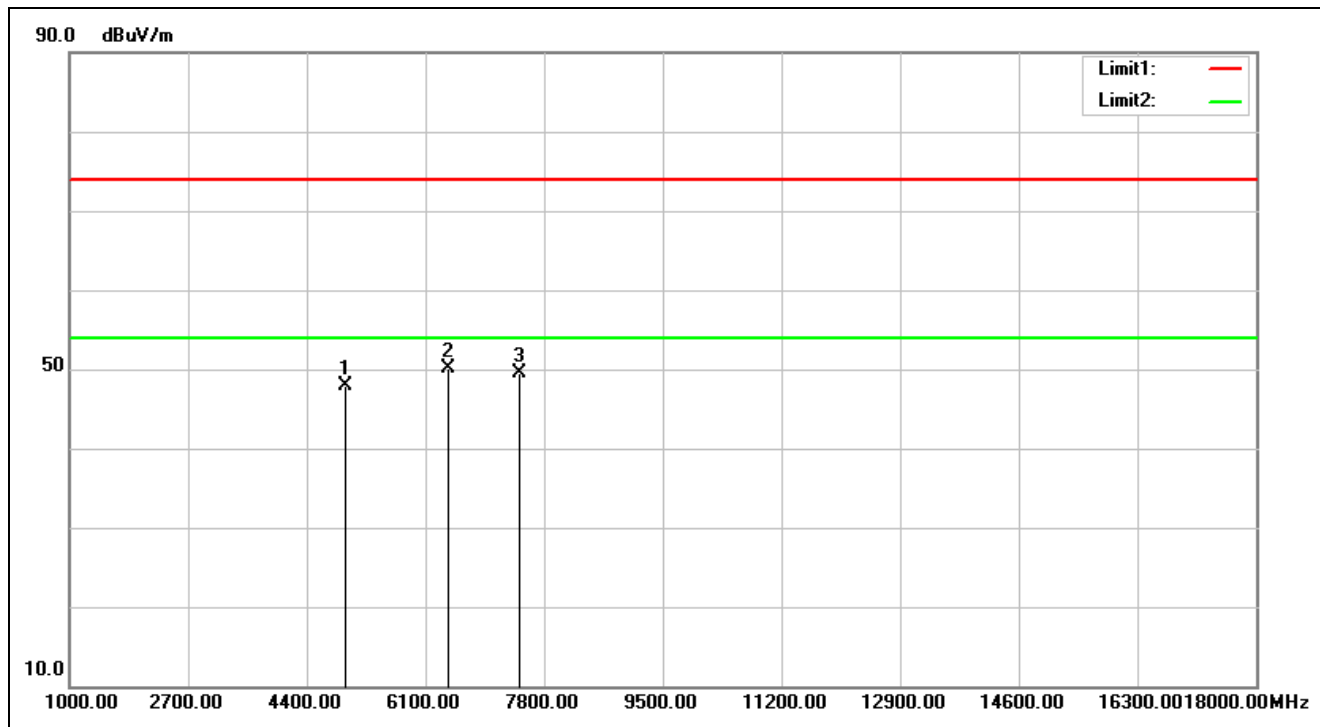
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Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%)	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	3DH5-2441-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4882.000	-2.16	47.69	45.53	74.00	-28.47	peak			
2	5743.000	2.40	46.62	49.02	74.00	-24.98	peak	100	87	
3	7323.000	6.13	42.94	49.07	74.00	-24.93	peak			



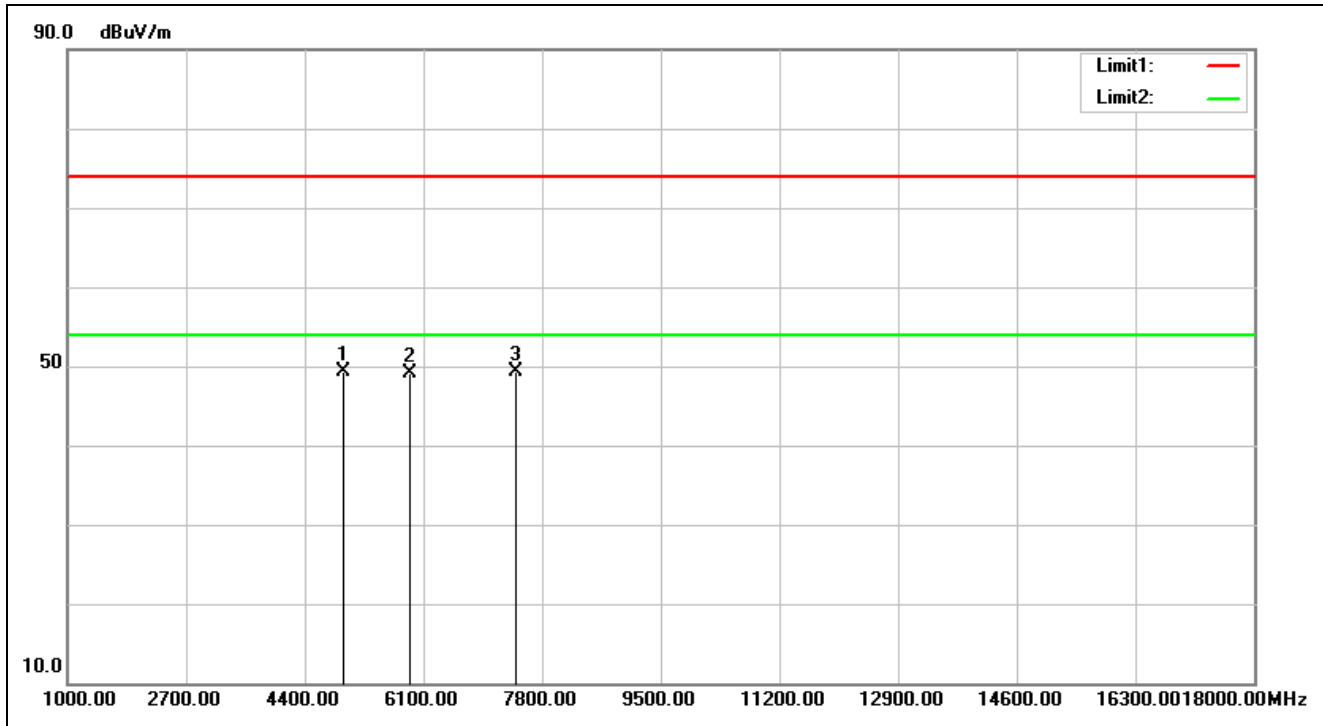
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Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%)	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	3DH5-2441-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4882.000	-2.16	48.11	45.95	74.00	-28.05	peak			
2	6117.000	4.53	46.09	50.62	74.00	-23.38	peak	100	84	
3	7323.000	6.13	43.49	49.62	74.00	-24.38	peak			



Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/11 14:10:02
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%)	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	3DH5-2480-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-1.97	49.78	47.81	74.00	-26.19	peak			
2	6423.000	5.74	44.41	50.15	74.00	-23.85	peak	100	259	
3	7440.000	6.47	42.95	49.42	74.00	-24.58	peak			



Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/11 14:11:04
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	3DH5-2480-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-1.97	51.30	49.33	74.00	-24.67	peak			
2	5913.000	3.51	45.60	49.11	74.00	-24.89	peak	100	140	
3	7440.000	6.47	42.74	49.21	74.00	-24.79	peak			

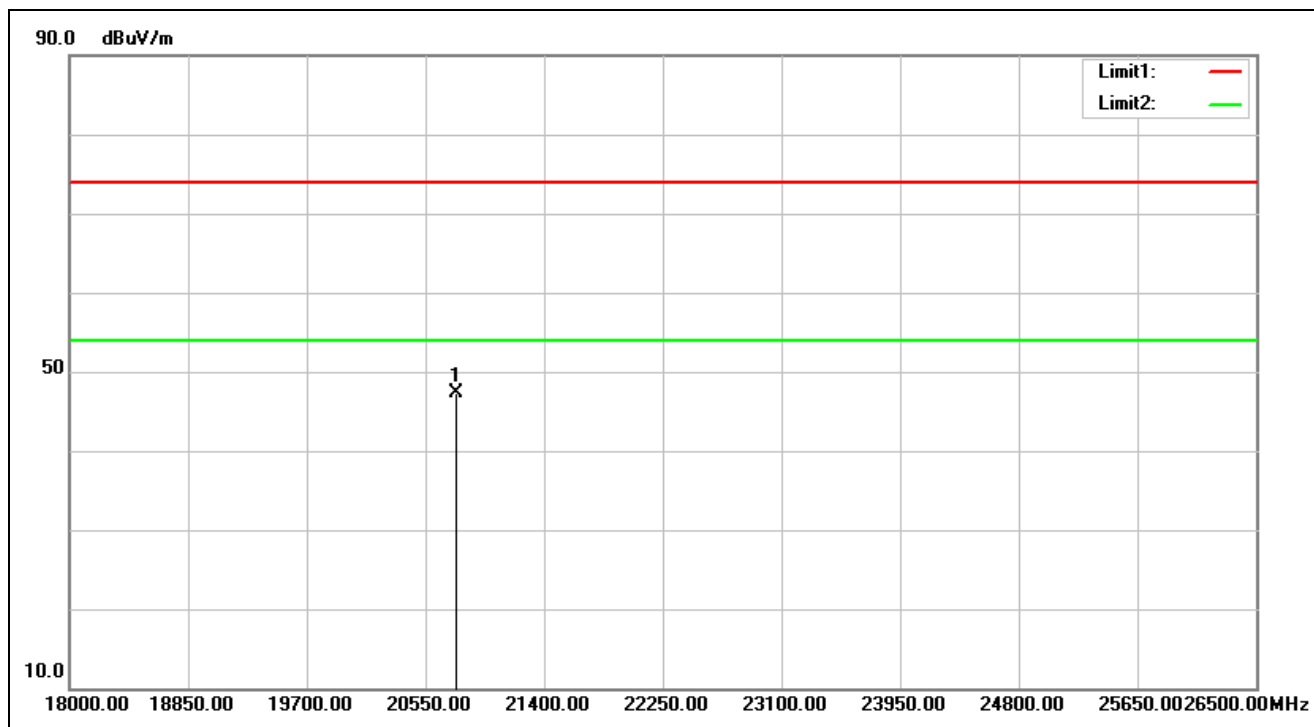
Spurious Emissions, TX Mode, 18-26G



TUV Taiwan

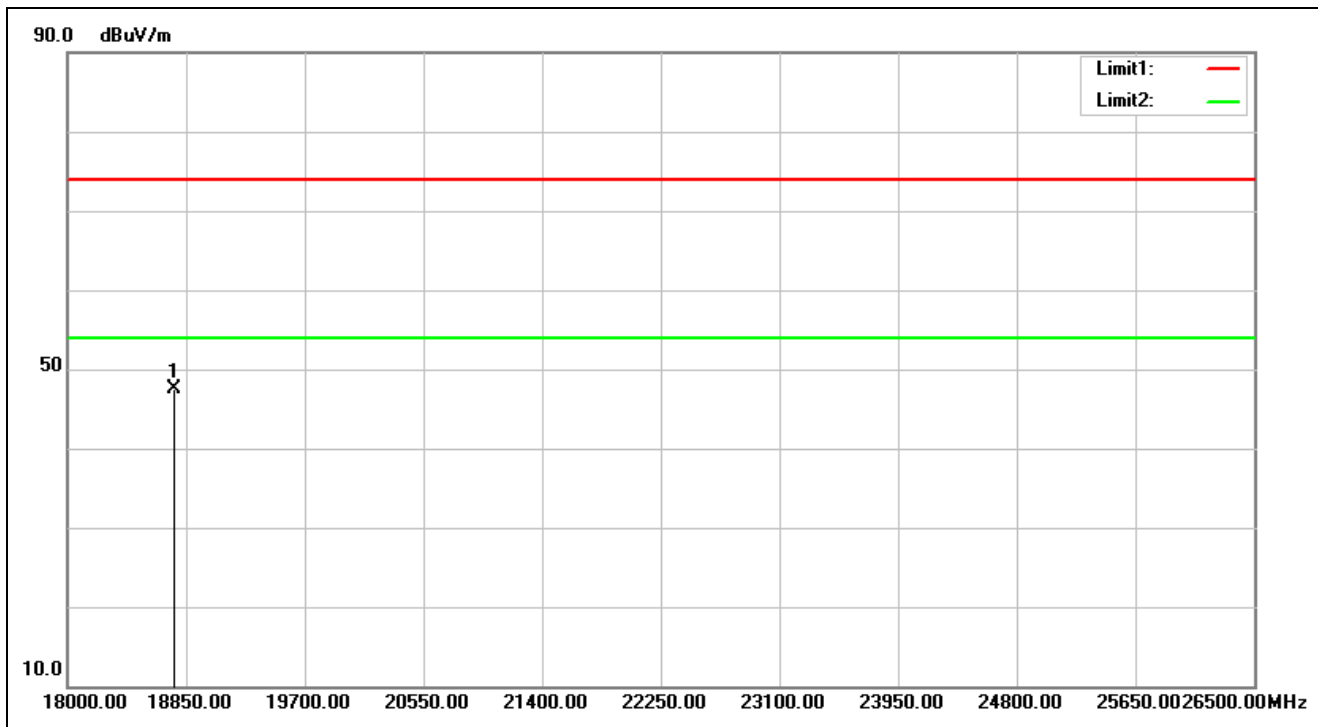
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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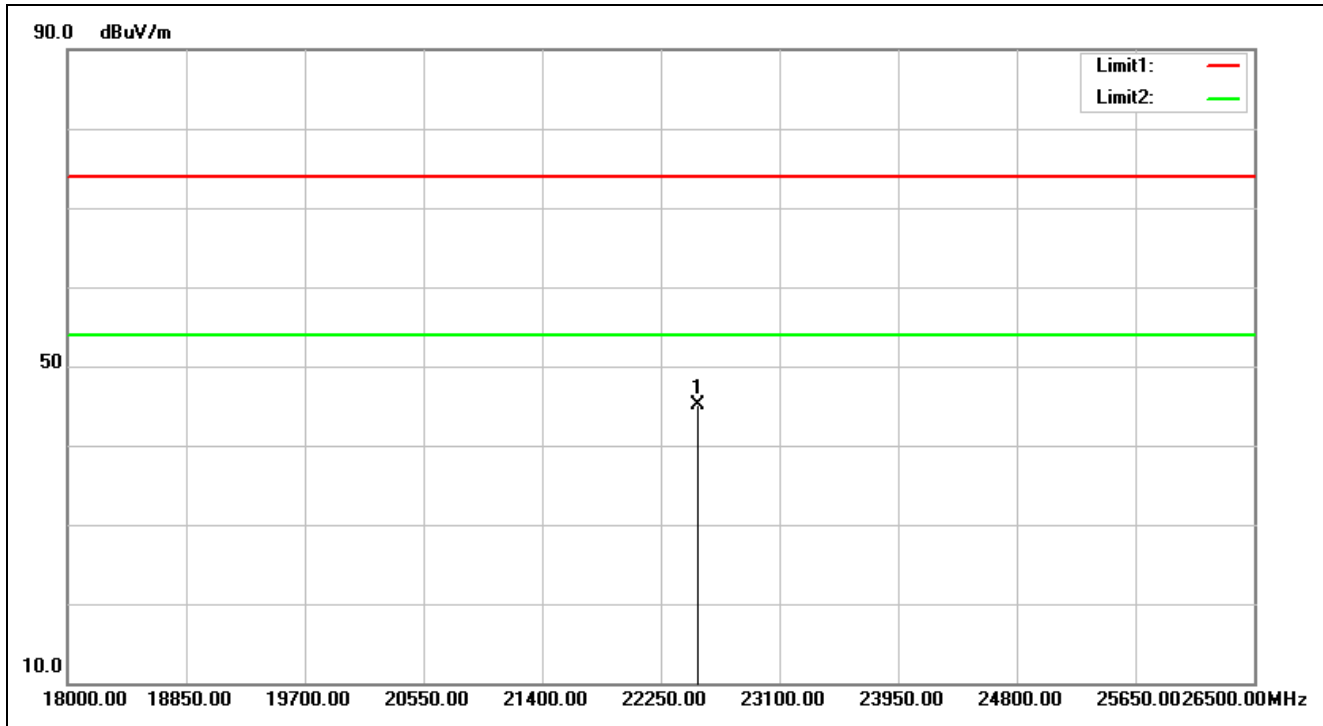
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/11 14:36:31
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%)	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2402-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20771.000	29.30	17.94	47.24	74.00	-26.76	peak		0	



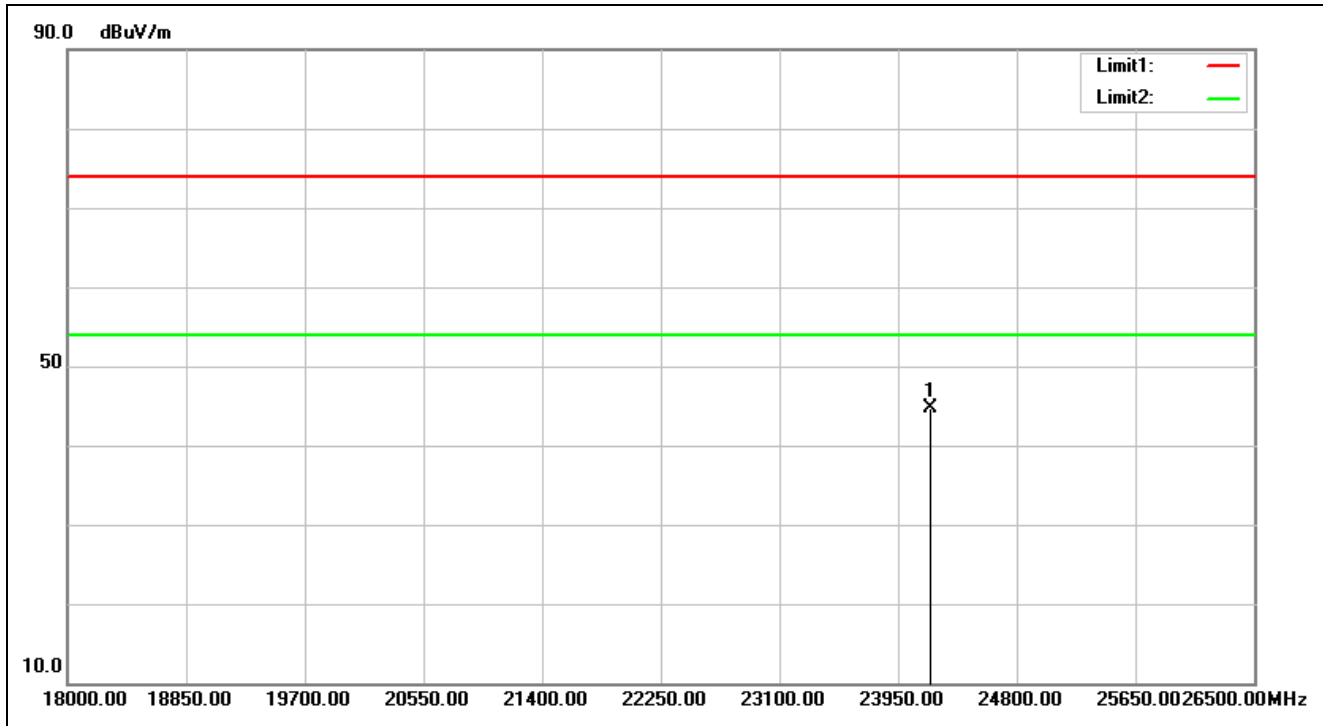
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/11 14:36:41
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2402-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18765.000	28.63	18.87	47.50	74.00	-26.50	peak			



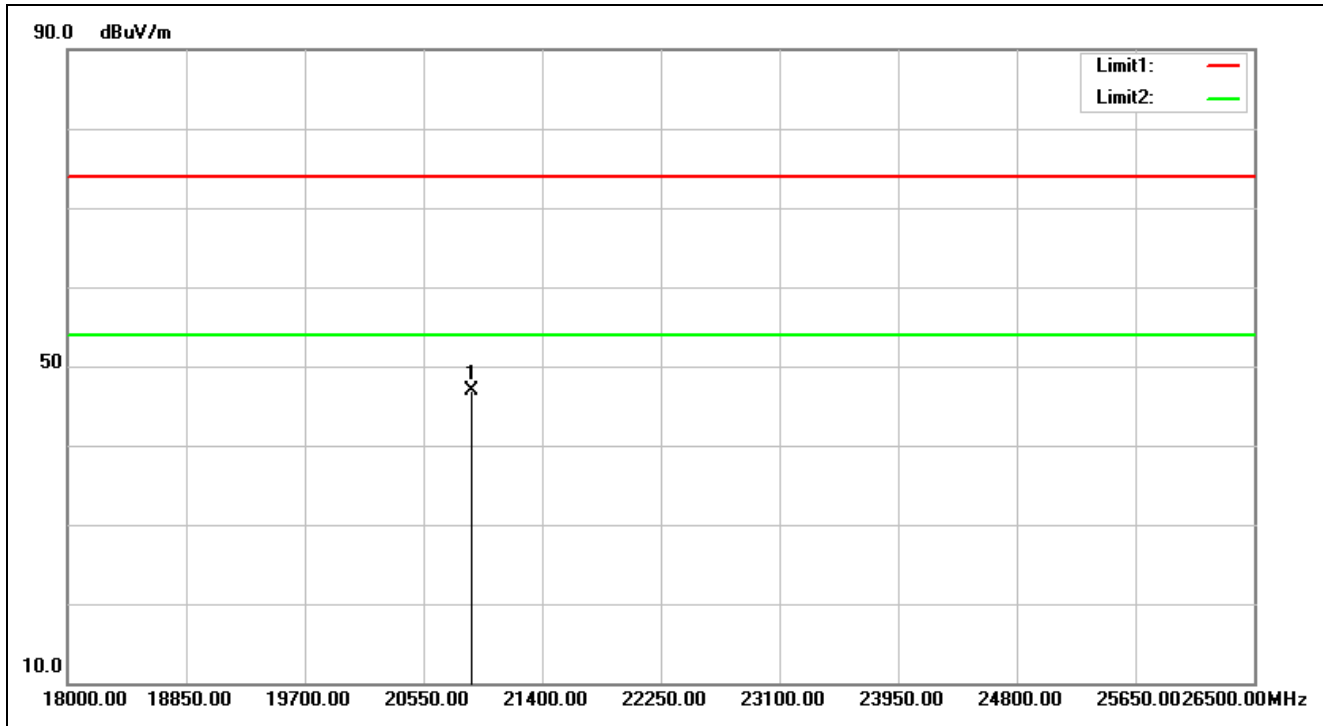
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Test item:	Radiation Emission	Test Time:	2015/7/11 14:36:54
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2441-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22513.500	29.27	15.76	45.03	74.00	-28.97	peak			



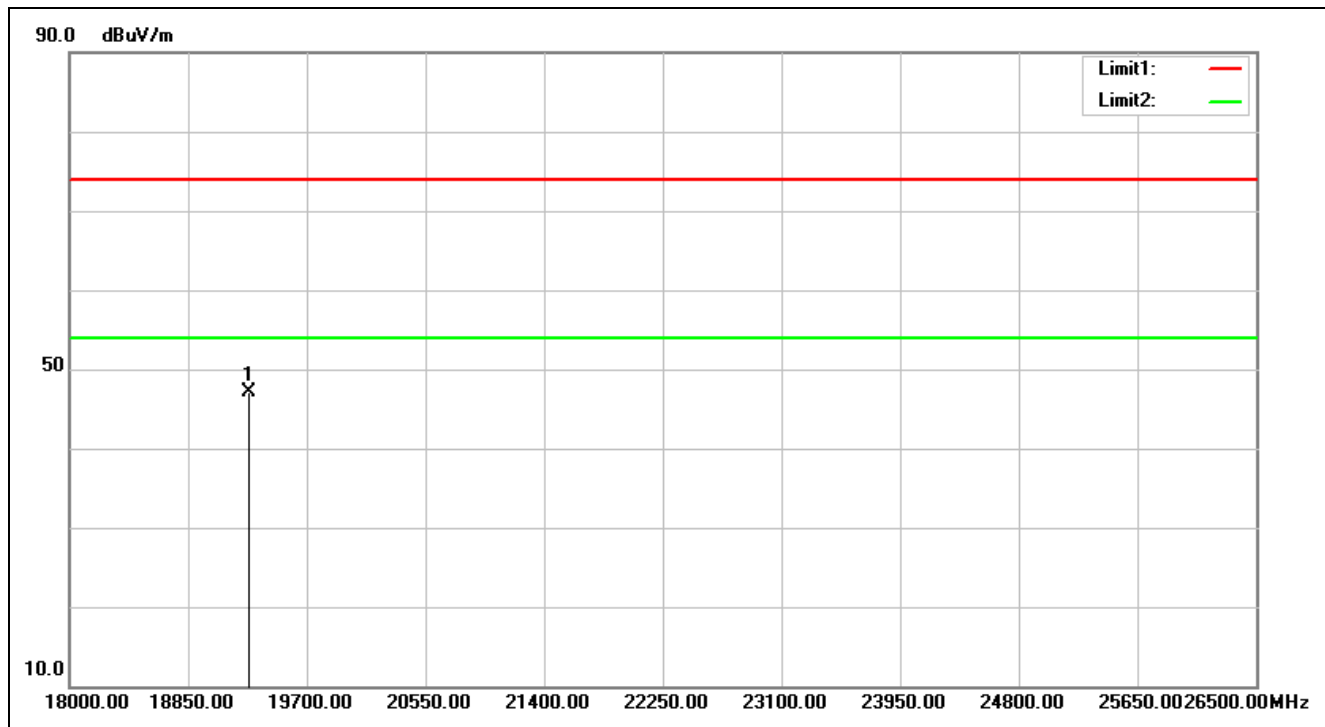
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Test item:	Radiation Emission	Test Time:	2015/7/11 14:37:03
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2441-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	24179.500	29.42	15.32	44.74	74.00	-29.26	peak			



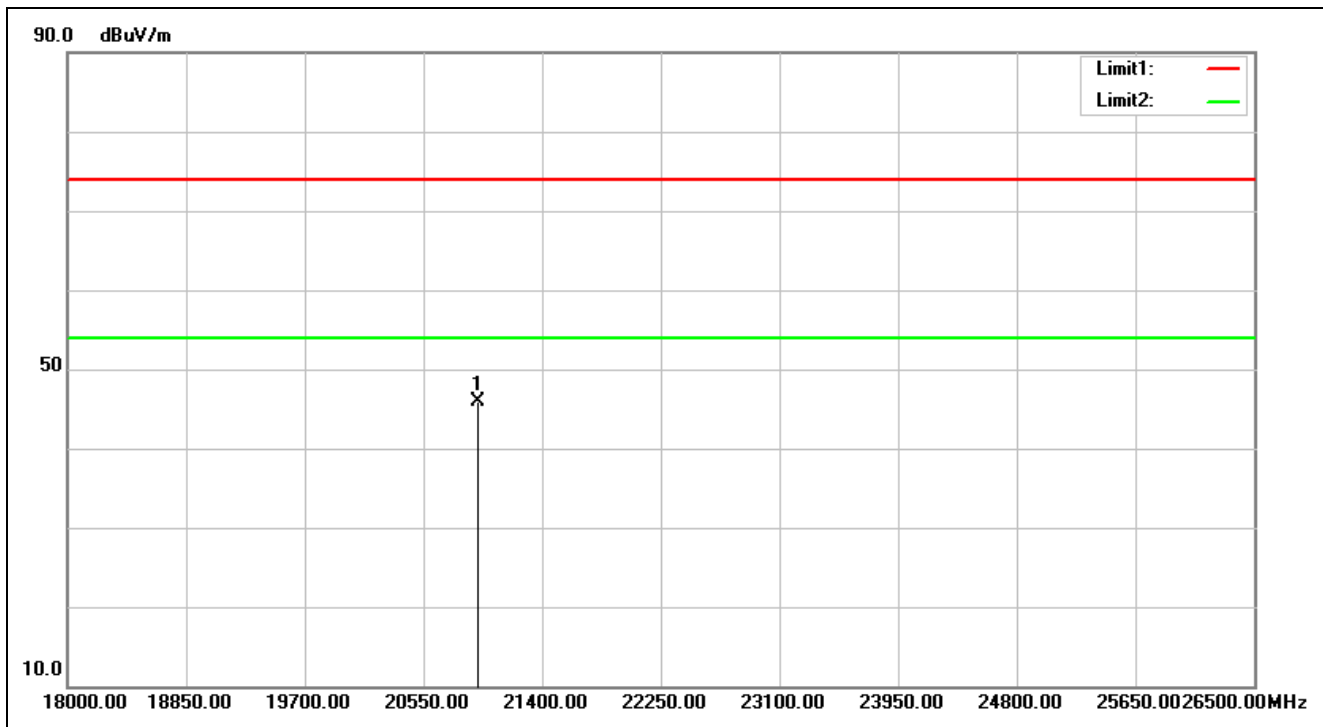
Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/11 14:37:22
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2480-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20898.500	29.33	17.56	46.89	74.00	-27.11	peak			



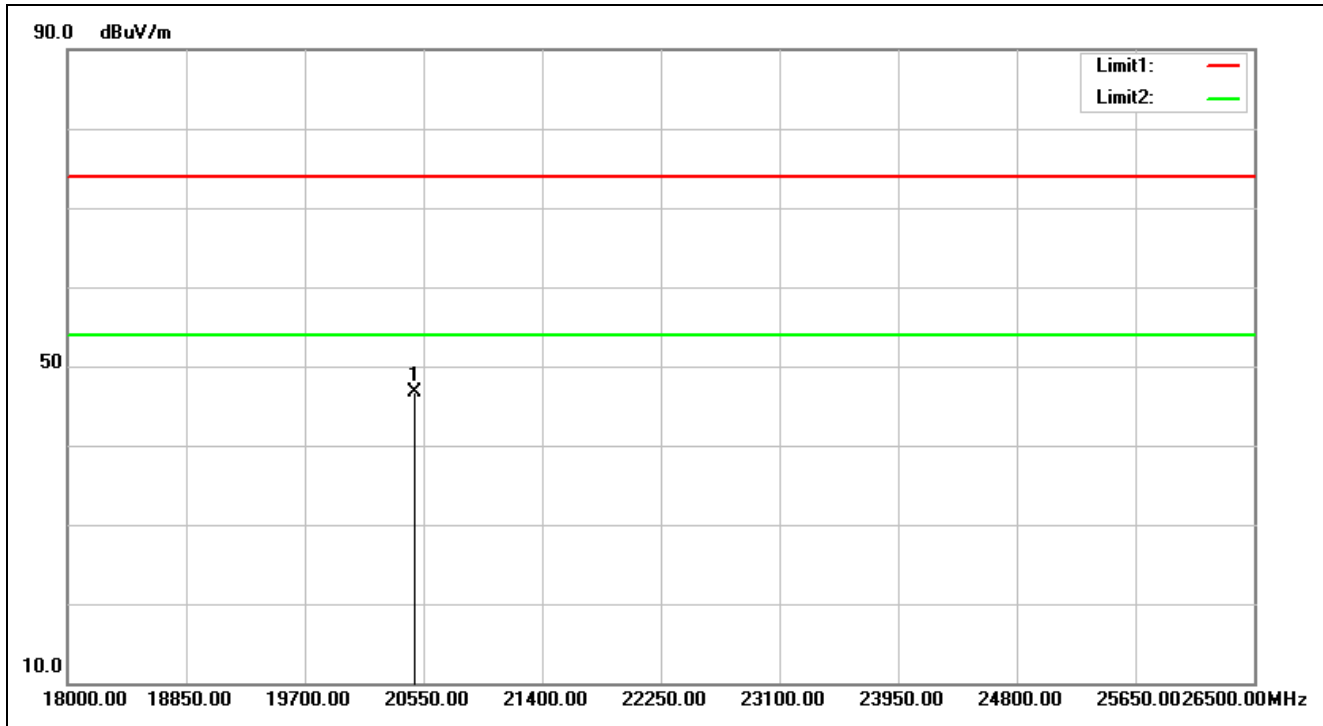
Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/11 14:37:35
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2480-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19283.500	28.93	18.09	47.02	74.00	-26.98	peak			



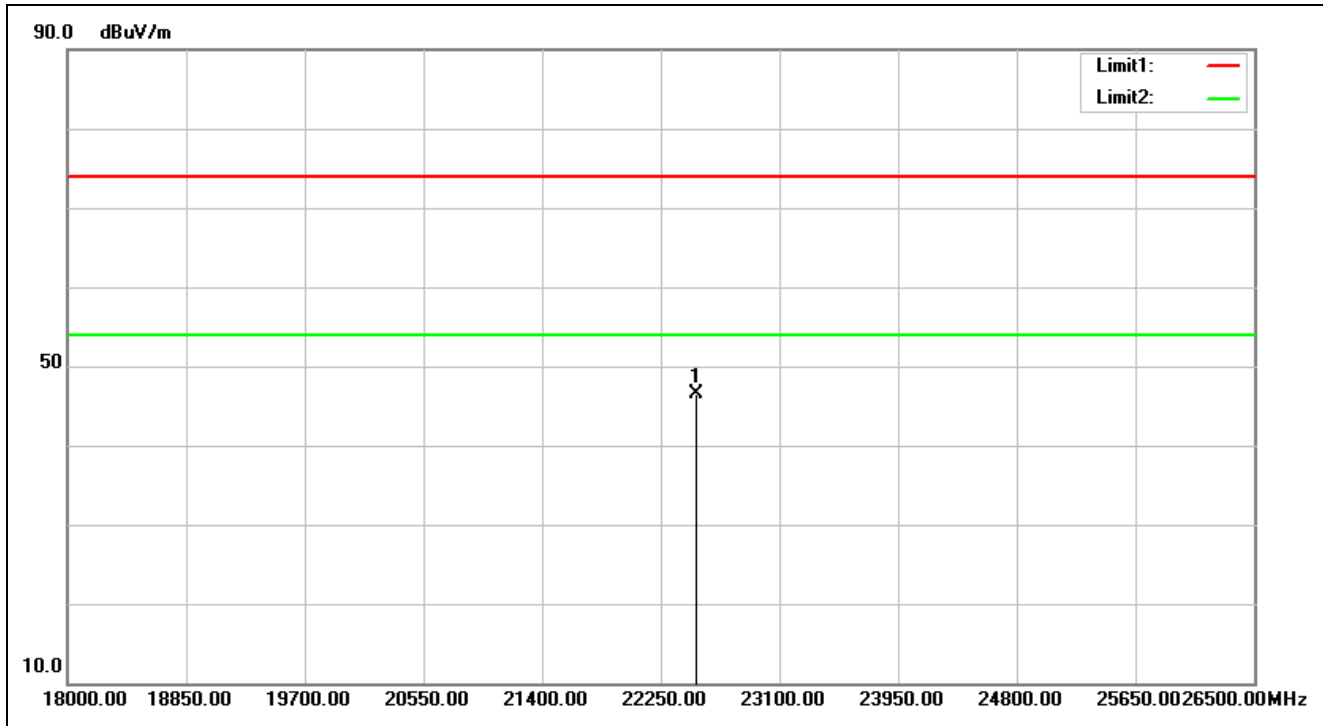
Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/11 14:37:55
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	3DH5-2402-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20941.000	29.34	16.65	45.99	74.00	-28.01	peak			



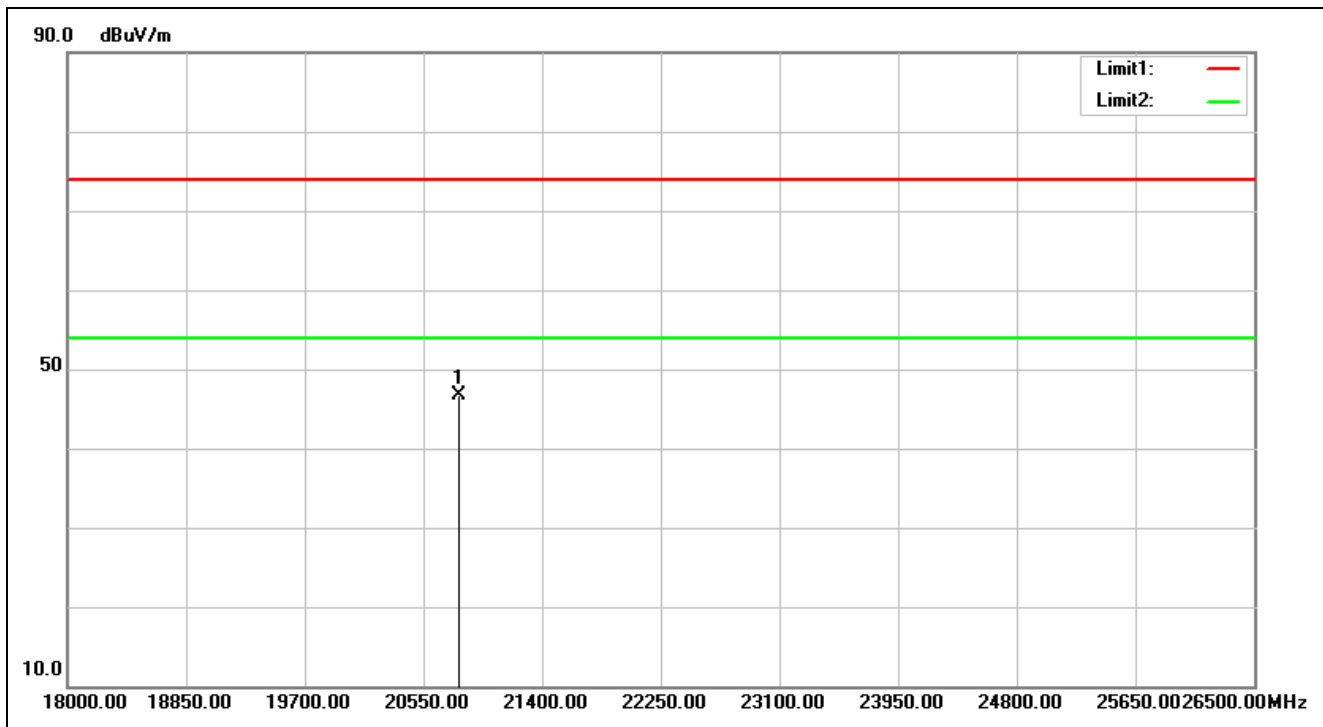
Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/11 14:38:05
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	3DH5-2402-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20482.000	29.23	17.45	46.68	74.00	-27.32	peak			



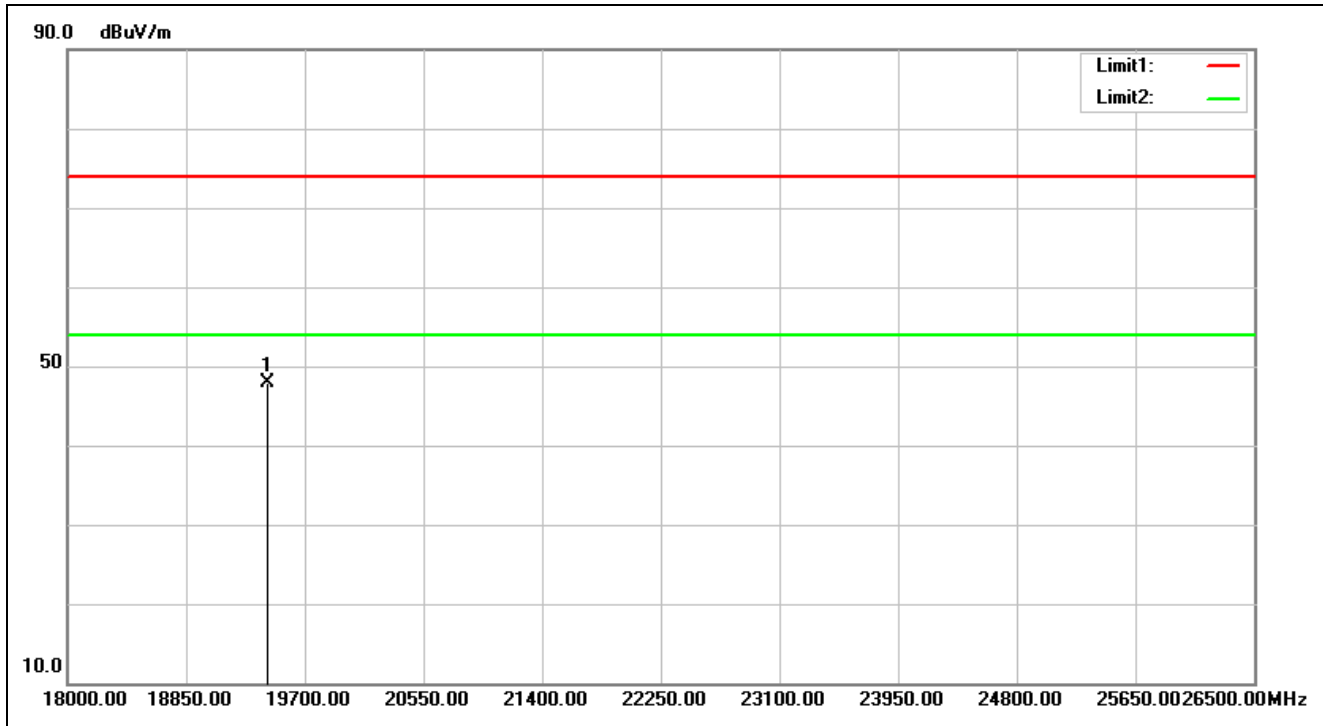
Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/11 14:38:15
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	3DH5-2441-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22505.000	29.25	17.31	46.56	74.00	-27.44	peak			



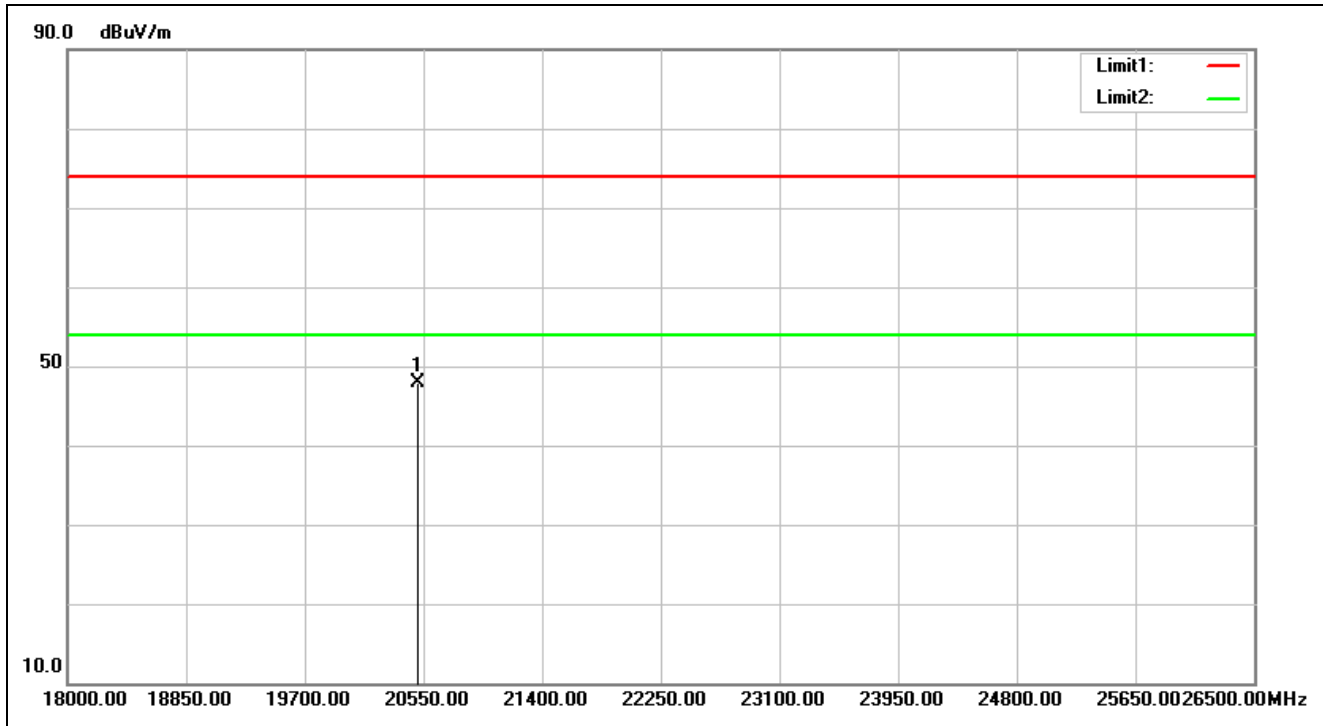
Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/11 14:38:36
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	3DH5-2441-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20805.000	29.31	17.33	46.64	74.00	-27.36	peak			



Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/11 14:38:55
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	3DH5-2480-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19428.000	28.95	18.87	47.82	74.00	-26.18	peak			



Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/11 14:39:06
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	3DH5-2480-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20507.500	29.24	18.59	47.83	74.00	-26.17	peak			

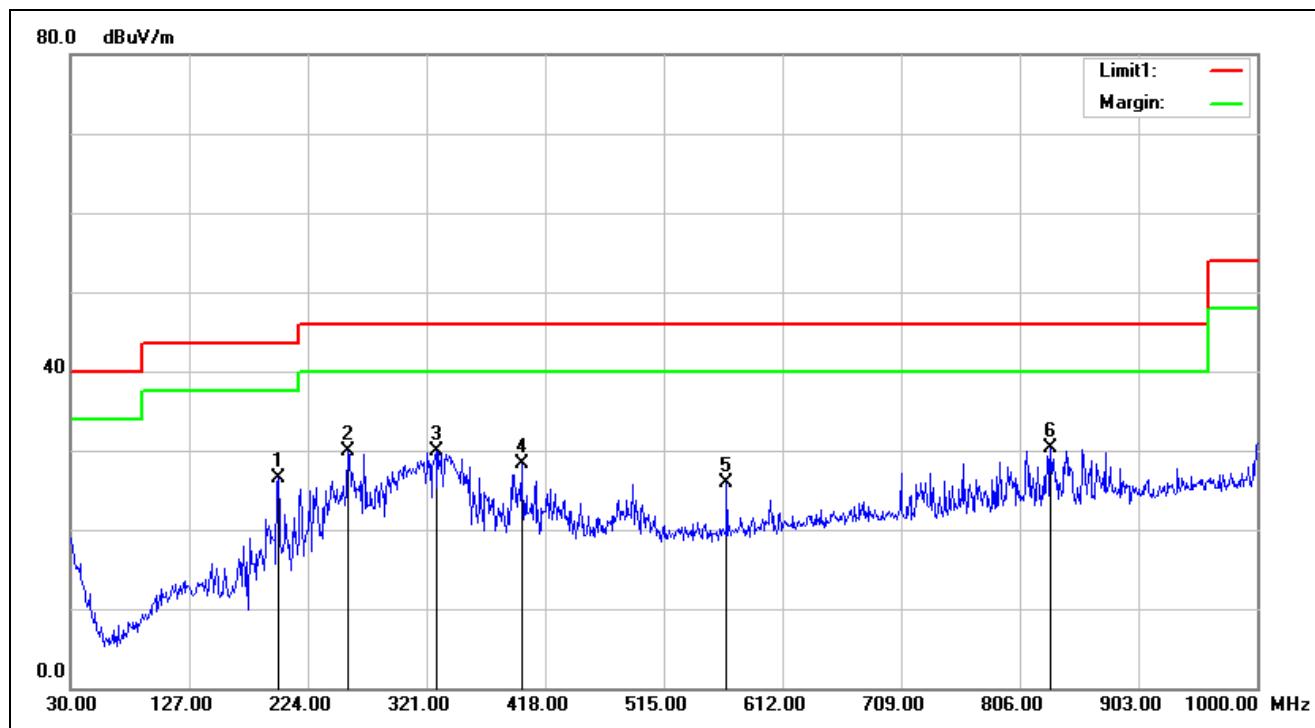
Spurious Emissions, TX Mode, 30M-1G



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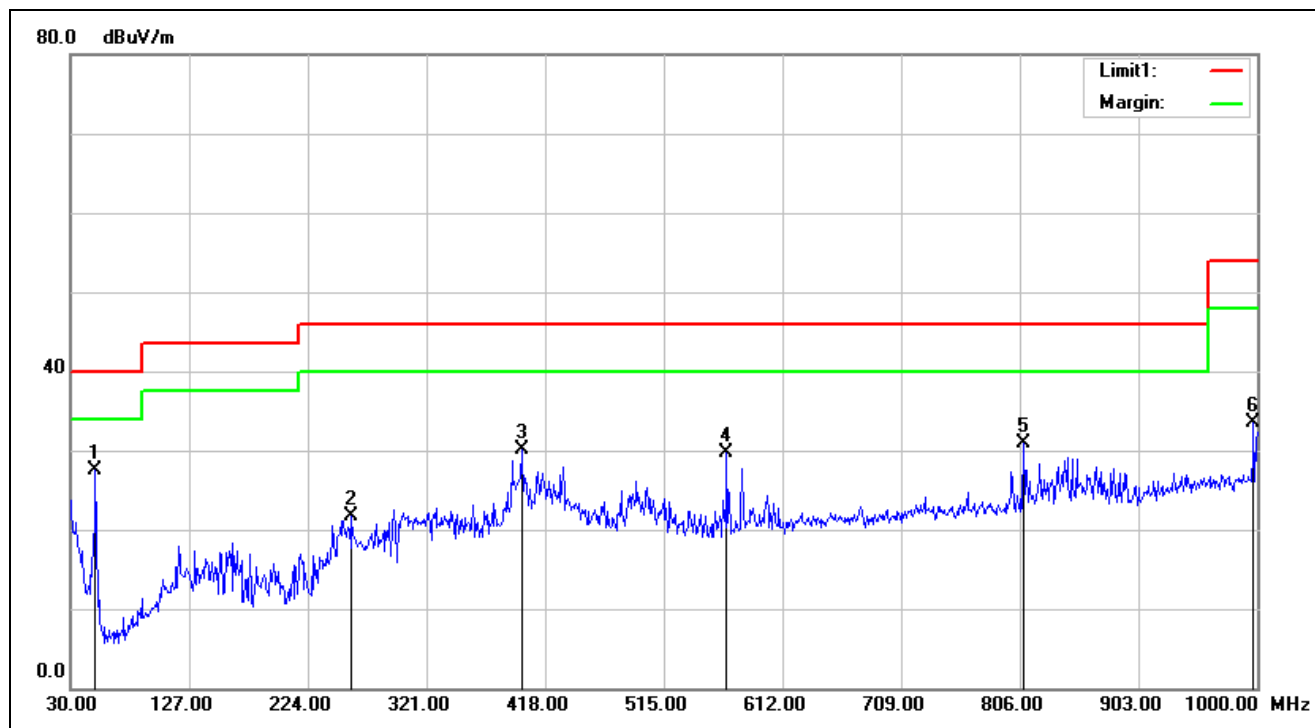
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/11 15:10:37
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2441-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	199.7500	-14.69	41.29	26.60	43.50	-16.90	peak	100	76	
2	256.9800	-11.04	41.02	29.98	46.00	-16.02	peak	100	269	
3	328.7599	-9.85	39.66	29.81	46.00	-16.19	peak	100	309	
4	398.6000	-8.68	36.98	28.30	46.00	-17.70	peak	100	120	
5	566.4099	-6.63	32.51	25.88	46.00	-20.12	peak	100	208	
6	831.2199	-2.92	33.19	30.27	46.00	-15.73	peak	100	120	

Spurious Emissions, RX Mode, 1-18G



Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/11 15:11:39
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%)	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2441-TX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	50.3700	-17.20	44.78	27.58	40.00	-12.42	peak	100	230	
2	259.8900	-10.79	32.47	21.68	46.00	-24.32	peak	100	206	
3	398.6000	-8.68	38.82	30.14	46.00	-15.86	peak	100	0	
4	566.4099	-6.63	36.33	29.70	46.00	-16.30	peak	100	142	
5	808.9099	-3.48	34.38	30.90	46.00	-15.10	peak	100	228	
6	997.0900	-0.03	33.59	33.56	54.00	-20.44	peak	100	316	

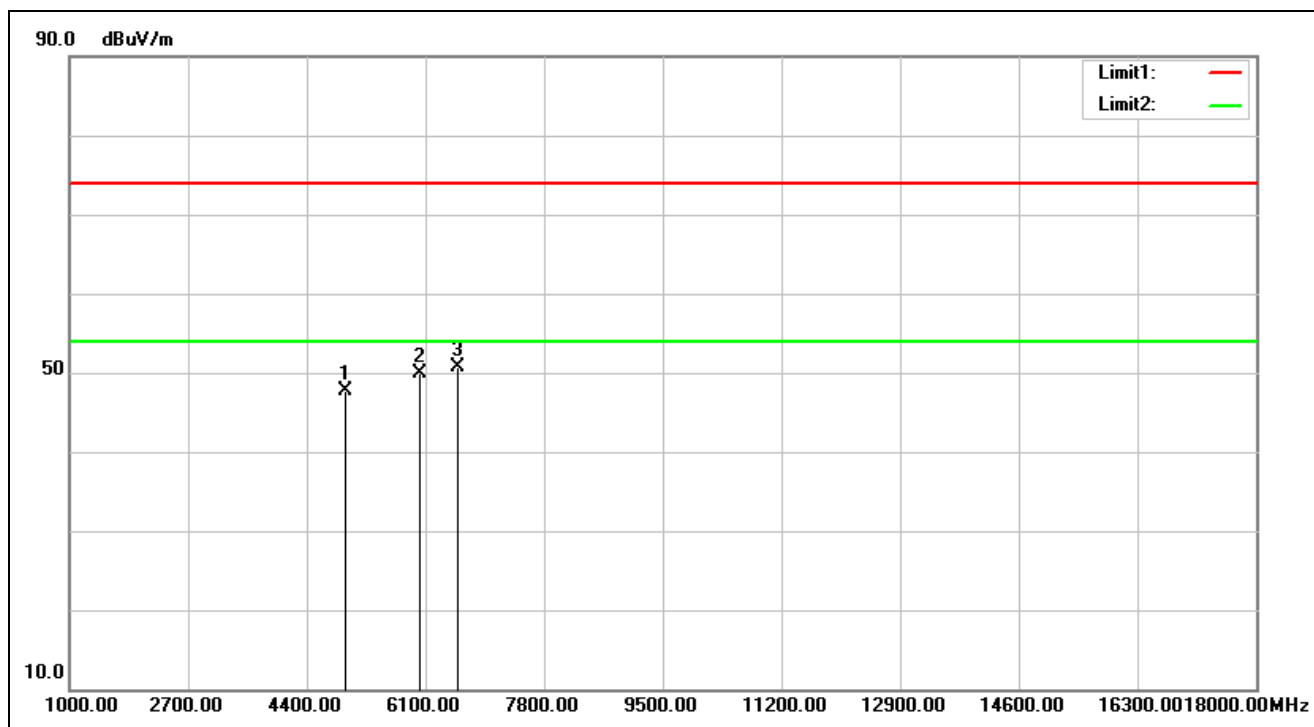
Spurious Emissions, RX Mode, 1-18G



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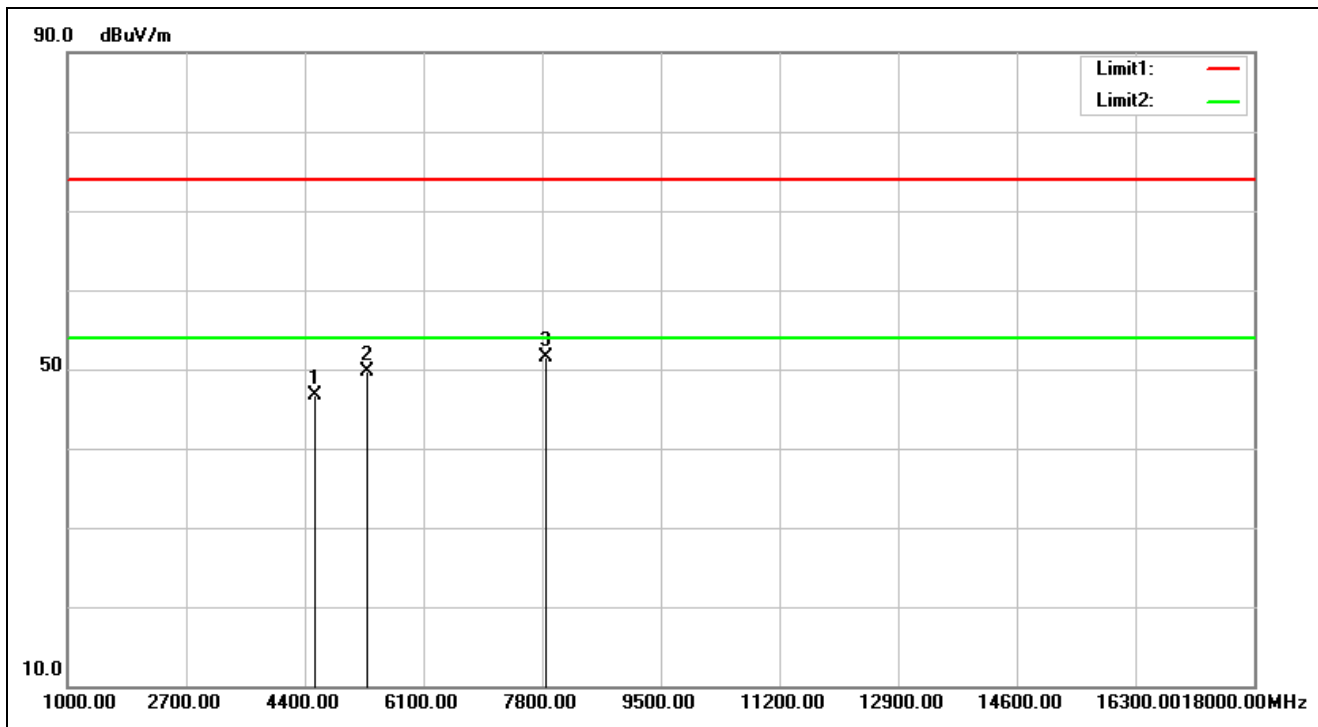
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Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/11 14:17:26
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2402-RX		
Remark:	BT		

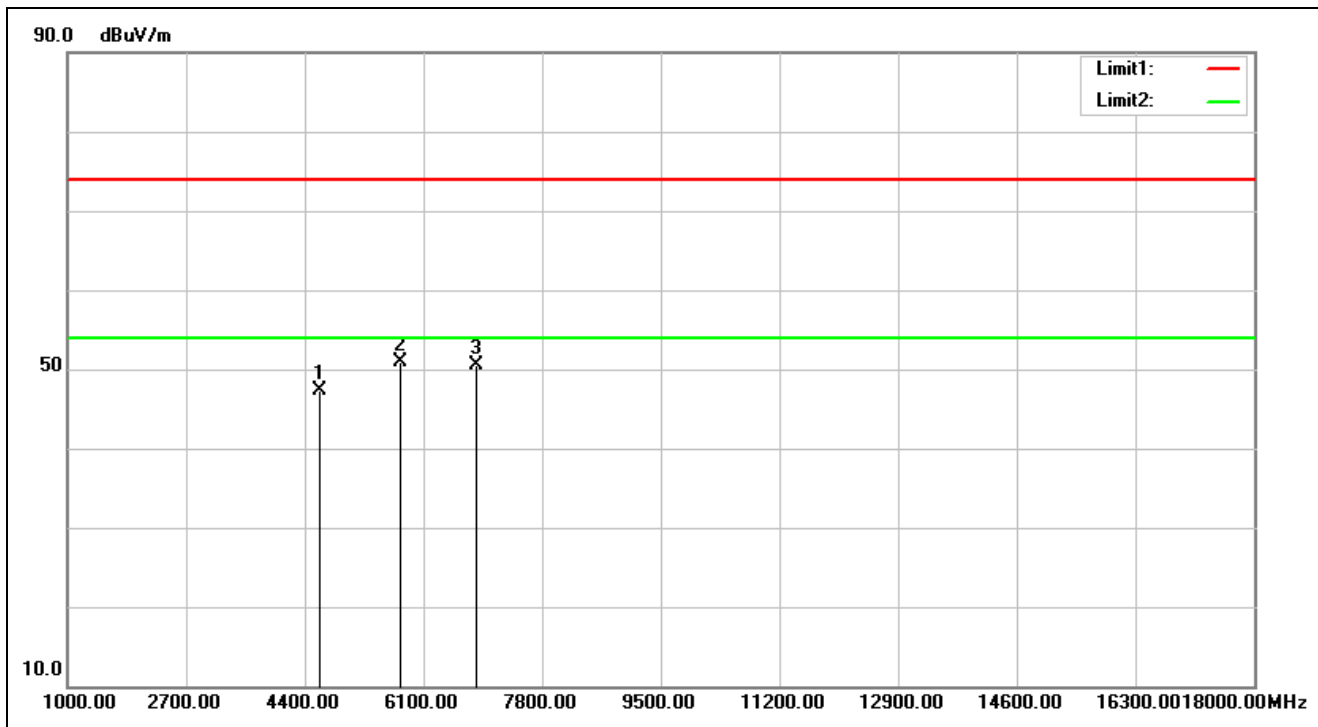
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4961.000	-1.97	49.59	47.62	74.00	-26.38	peak	100	98	
2	6015.000	4.14	45.78	49.92	74.00	-24.08	peak	100	360	
3	6559.000	5.94	44.74	50.68	74.00	-23.32	peak	100	231	

Spurious Emissions, RX Mode, 1-18G



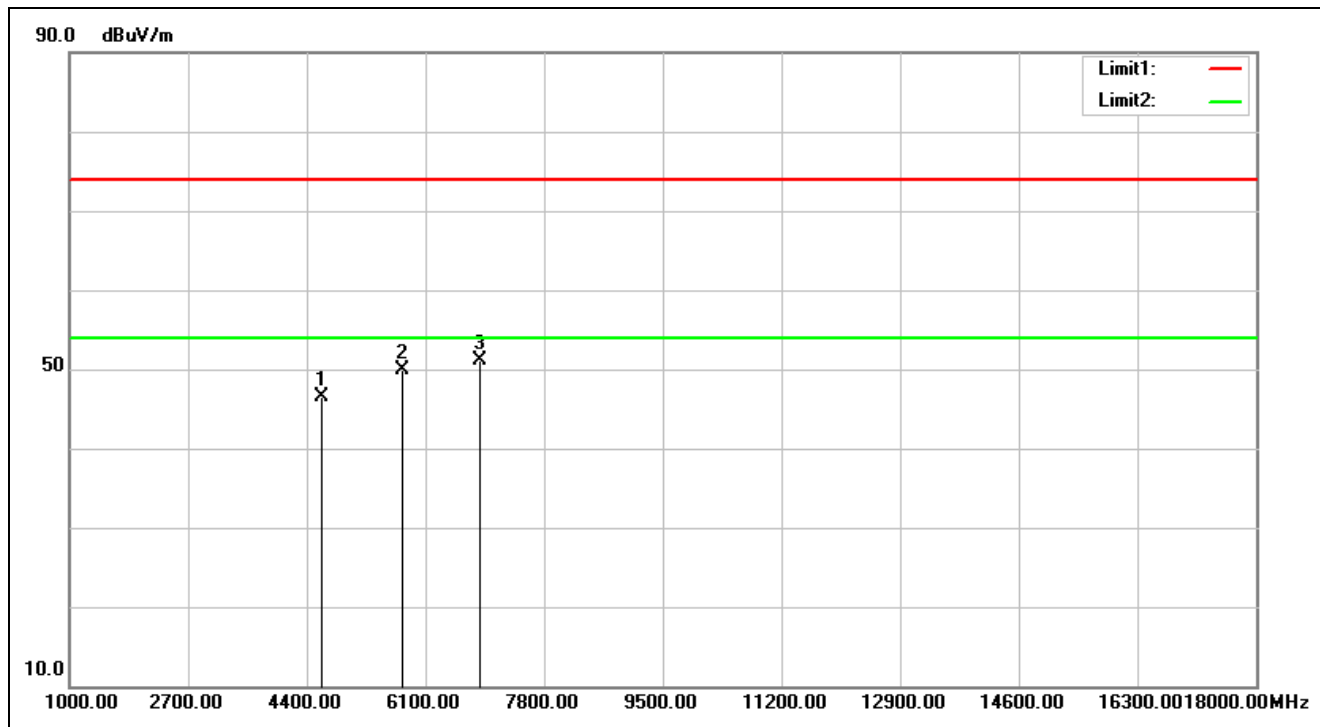
Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/11 14:18:28
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%)	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2402-RX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4553.000	-2.96	49.73	46.77	74.00	-27.23	peak	100	145	
2	5301.000	-0.24	50.00	49.76	74.00	-24.24	peak	100	359	
3	7851.000	6.59	44.86	51.45	74.00	-22.55	peak	100	123	



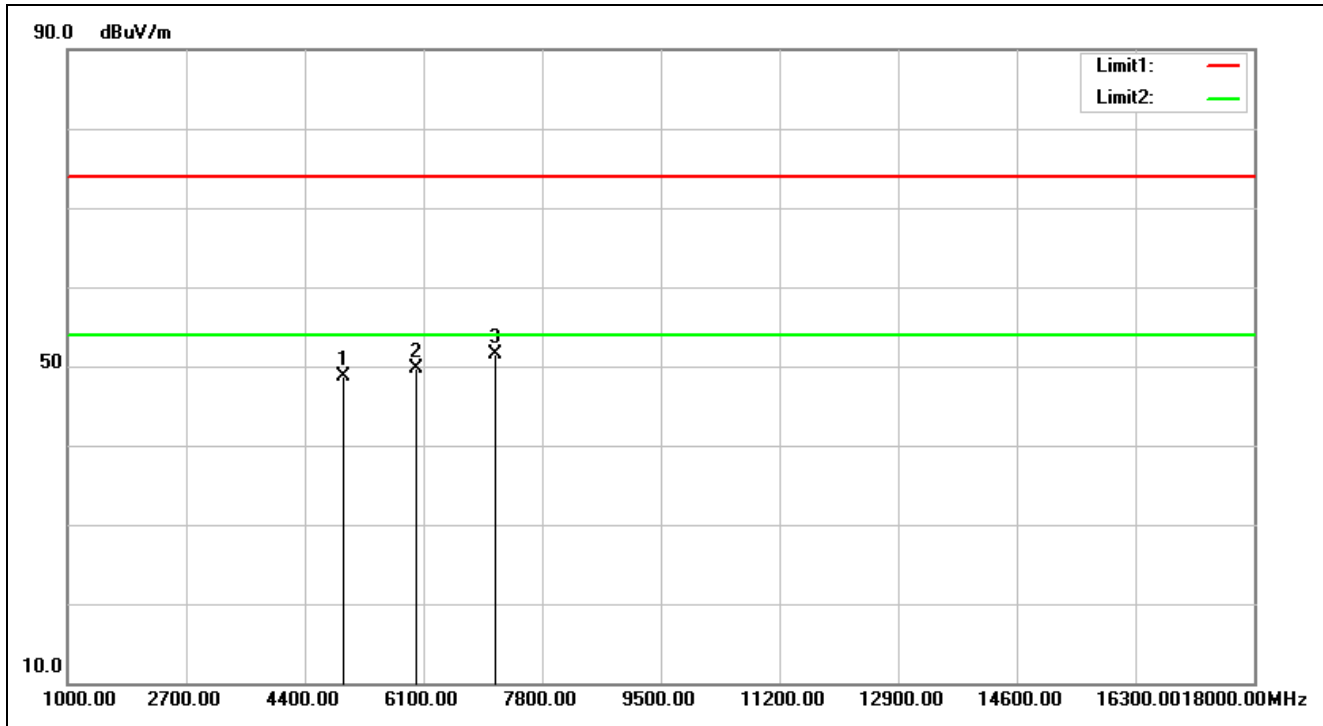
Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/11 14:20:11
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%)	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2441-RX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4604.000	-2.84	50.23	47.39	74.00	-26.61	peak	100	48	
2	5760.000	2.51	48.37	50.88	74.00	-23.12	peak	100	360	
3	6848.000	5.43	45.07	50.50	74.00	-23.50	peak	100	165	



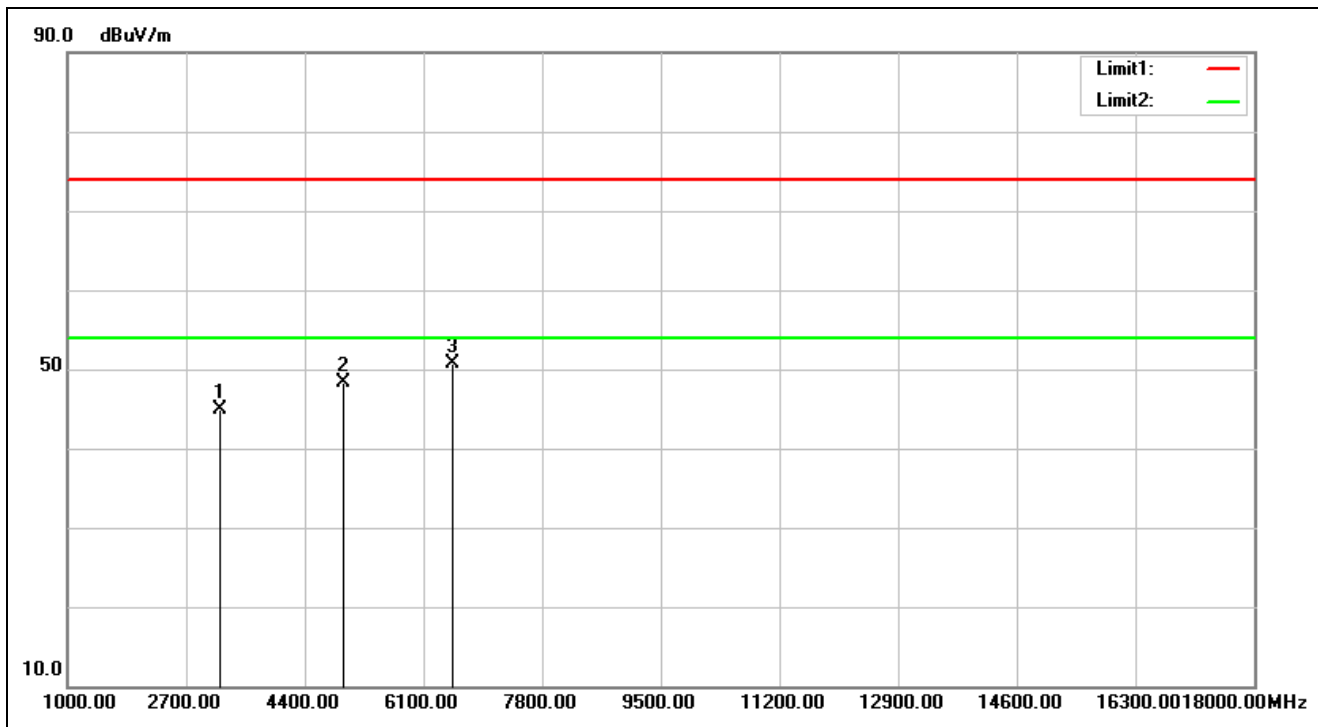
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/11 14:21:13
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%)	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2441-RX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4604.000	-2.84	49.25	46.41	74.00	-27.59	peak	100	326	
2	5760.000	2.51	47.46	49.97	74.00	-24.03	peak	100	4	
3	6882.000	5.37	45.69	51.06	74.00	-22.94	peak	100	57	



Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/11 14:23:36
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2480-RX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4961.000	-1.97	50.67	48.70	74.00	-25.30	peak	100	101	
2	5998.000	4.07	45.73	49.80	74.00	-24.20	peak	100	223	
3	7120.000	5.52	46.03	51.55	74.00	-22.45	peak	100	176	



Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/11 14:24:38
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2480-RX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3193.000	-5.77	50.60	44.83	74.00	-29.17	peak	100	159	
2	4961.000	-1.97	50.30	48.33	74.00	-25.67	peak	100	192	
3	6525.000	6.00	44.70	50.70	74.00	-23.30	peak	100	0	

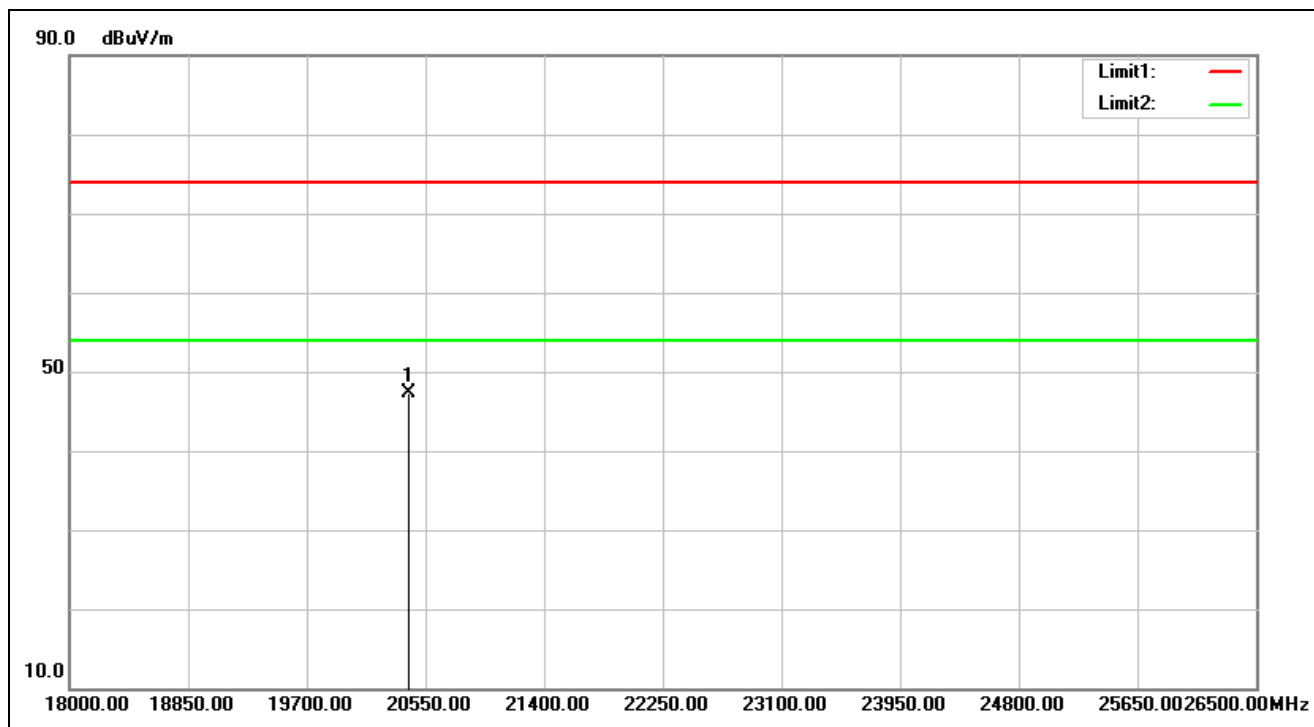
Spurious Emissions, RX Mode, 18-26G



TUV Taiwan

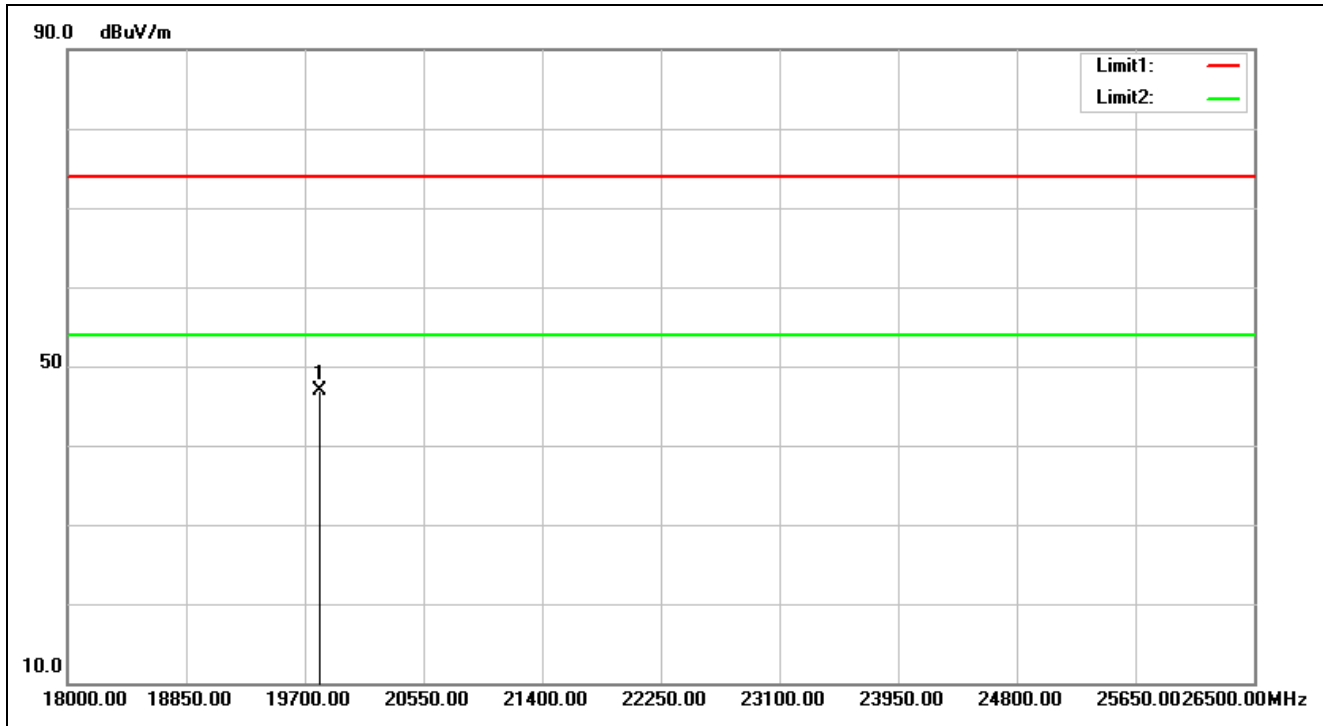
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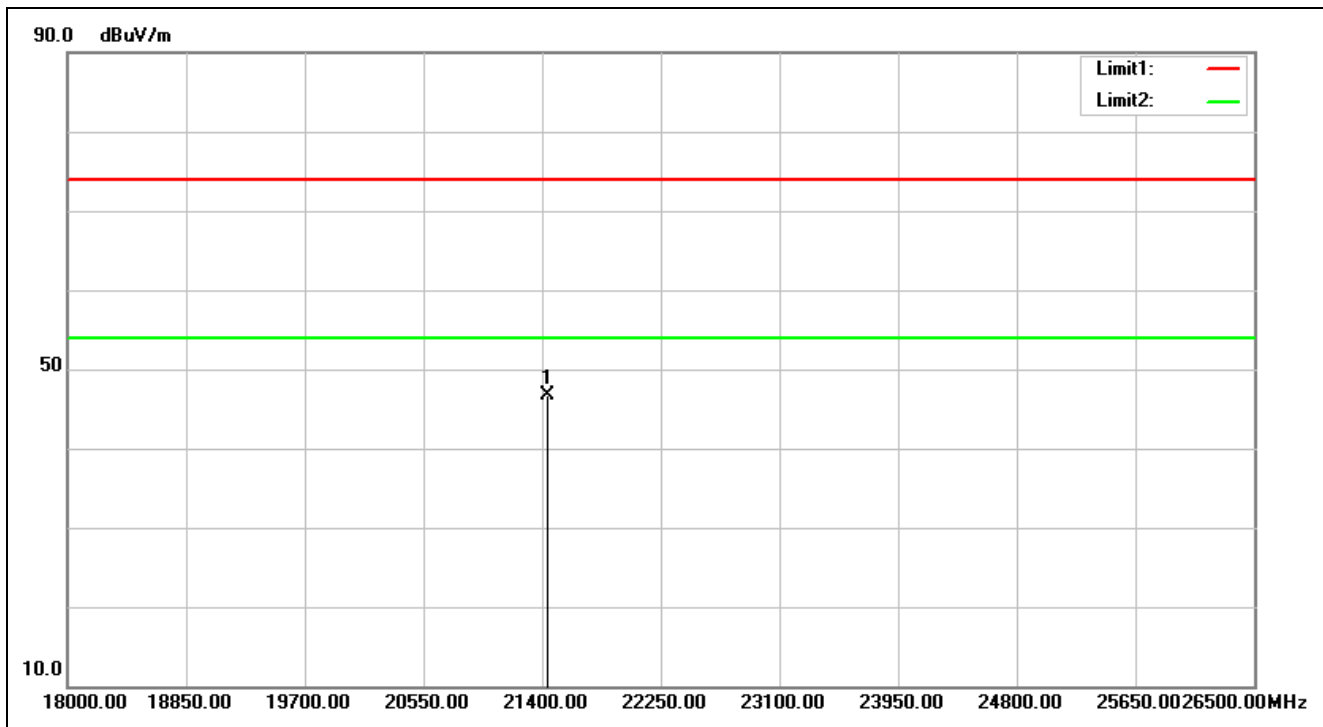
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/11 14:31:39
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%)	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2402-RX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20431.000	29.19	18.19	47.38	74.00	-26.62	peak		0	



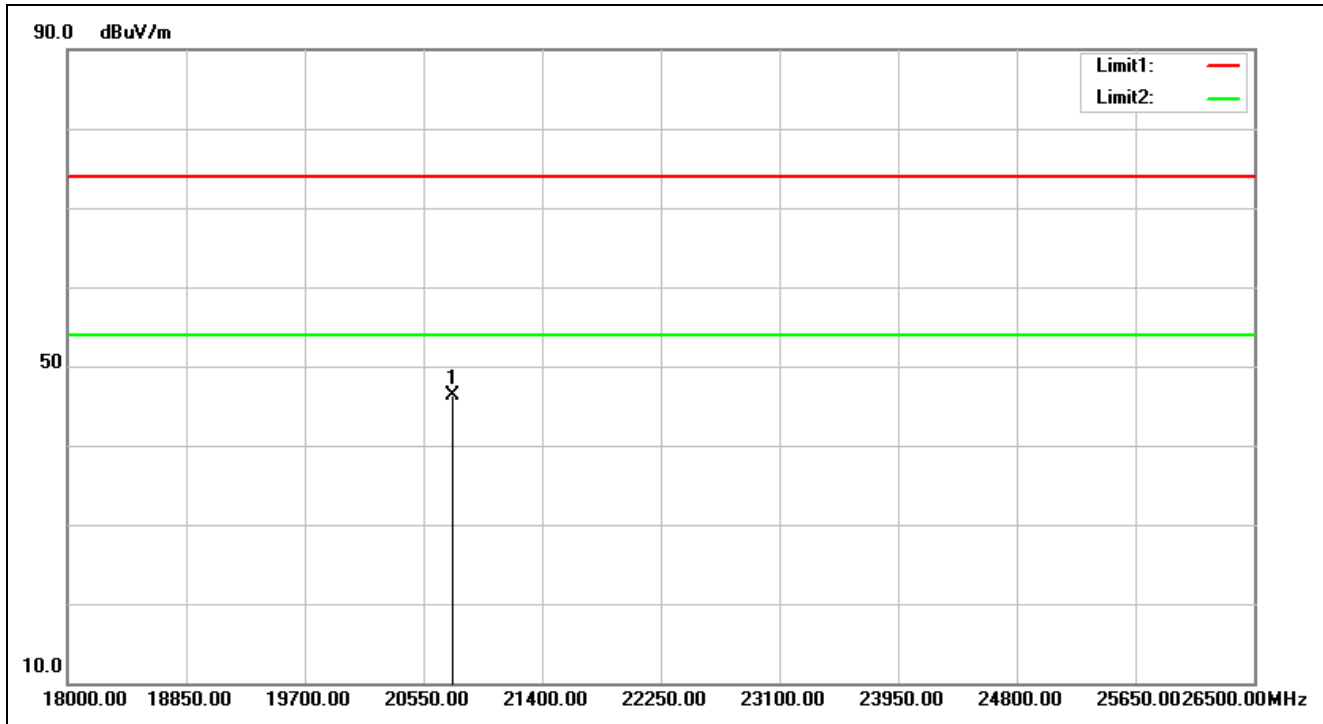
Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/11 14:31:50
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2402-RX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19810.500	28.93	17.97	46.90	74.00	-27.10	peak			



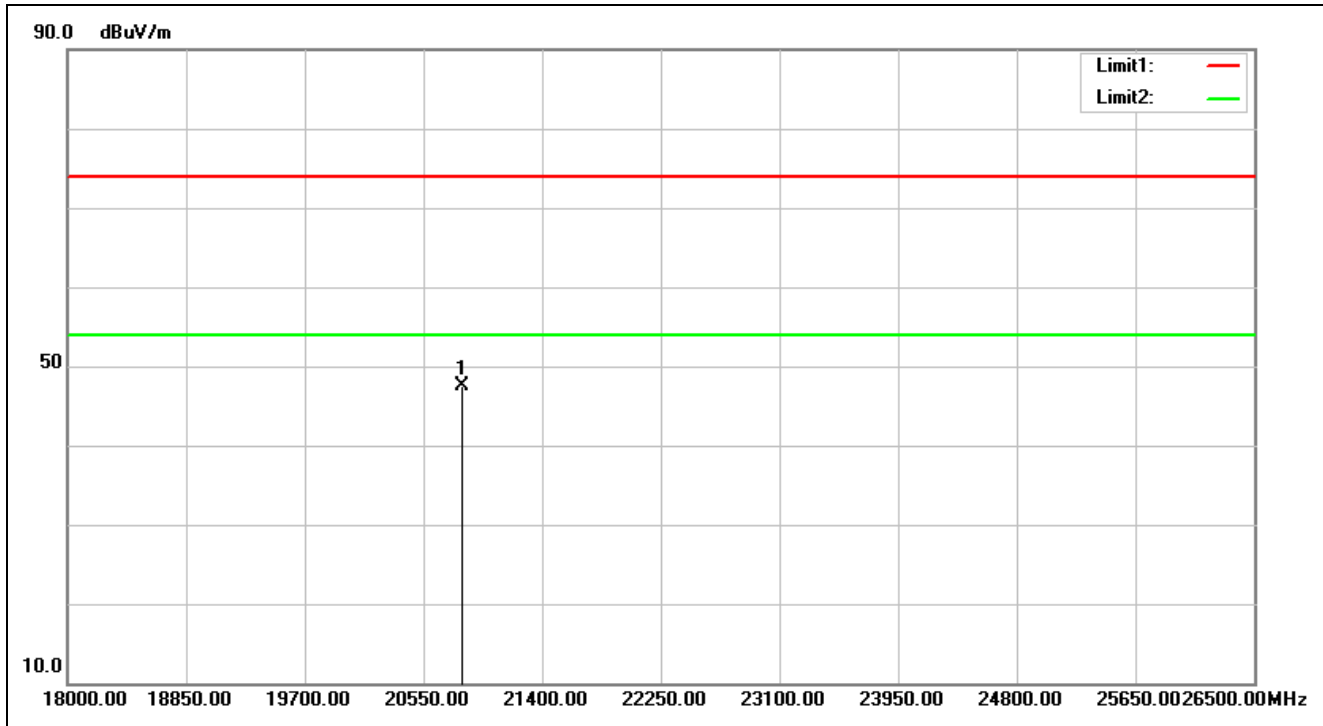
Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/11 14:32:03
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2441-RX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21434.000	28.98	17.72	46.70	74.00	-27.30	peak			



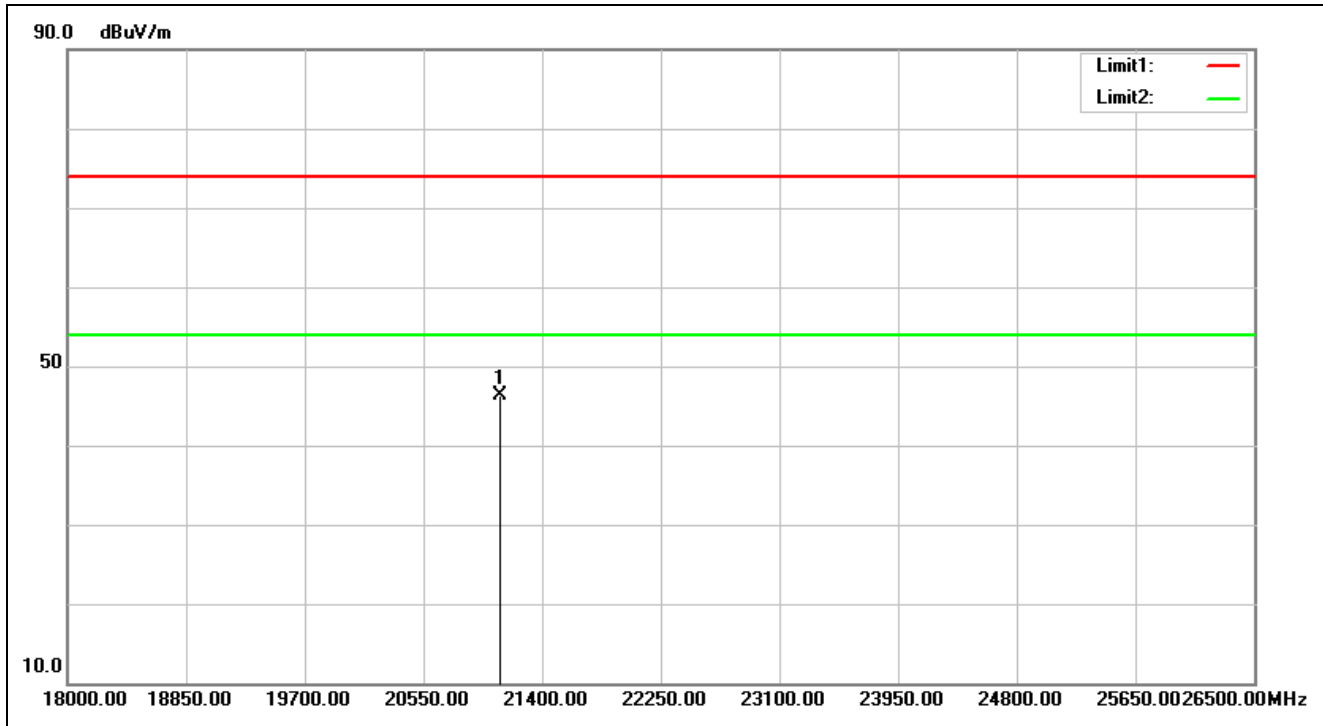
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/11 14:33:07
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2441-RX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20754.000	29.30	16.98	46.28	74.00	-27.72	peak			



Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/11 14:33:35
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2480-RX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20830.500	29.32	18.13	47.45	74.00	-26.55	peak			



Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/11 14:33:44
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%):	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2480-RX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21094.000	29.28	16.99	46.27	74.00	-27.73	peak			

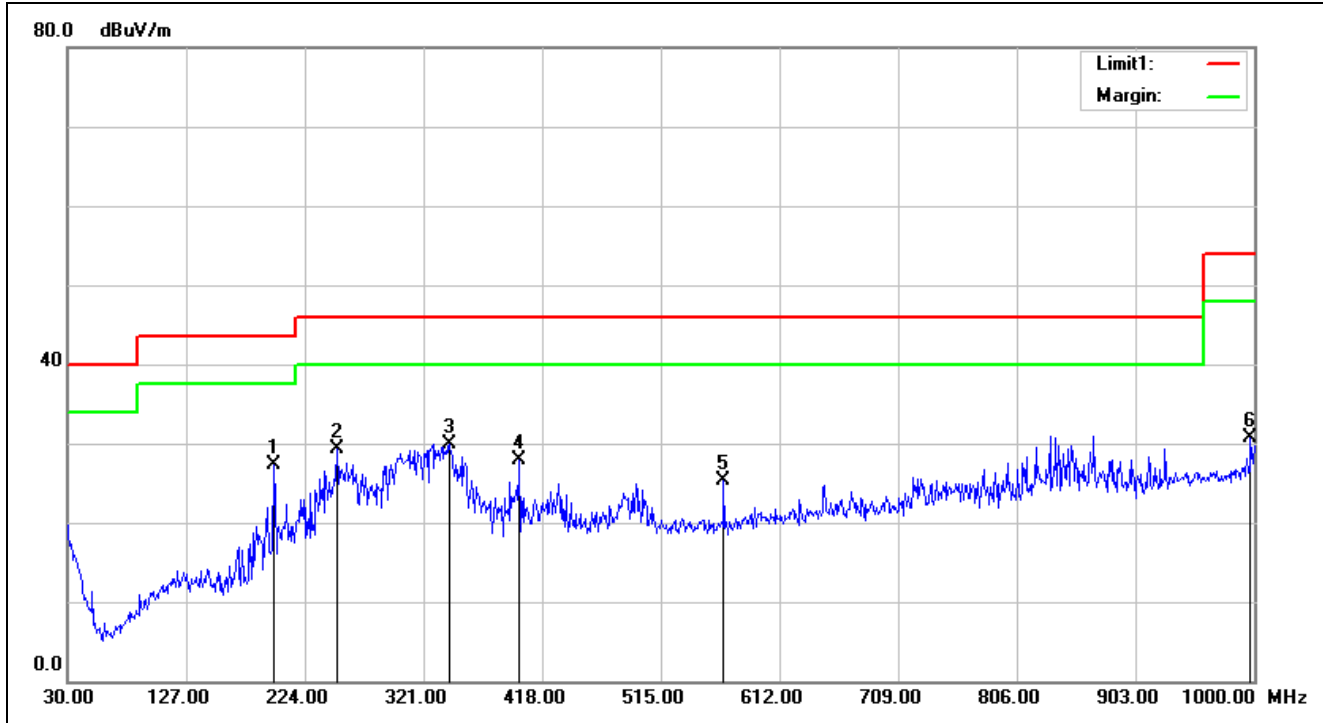
Spurious Emissions, RX Mode, 30M-1G



TUV Taiwan

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

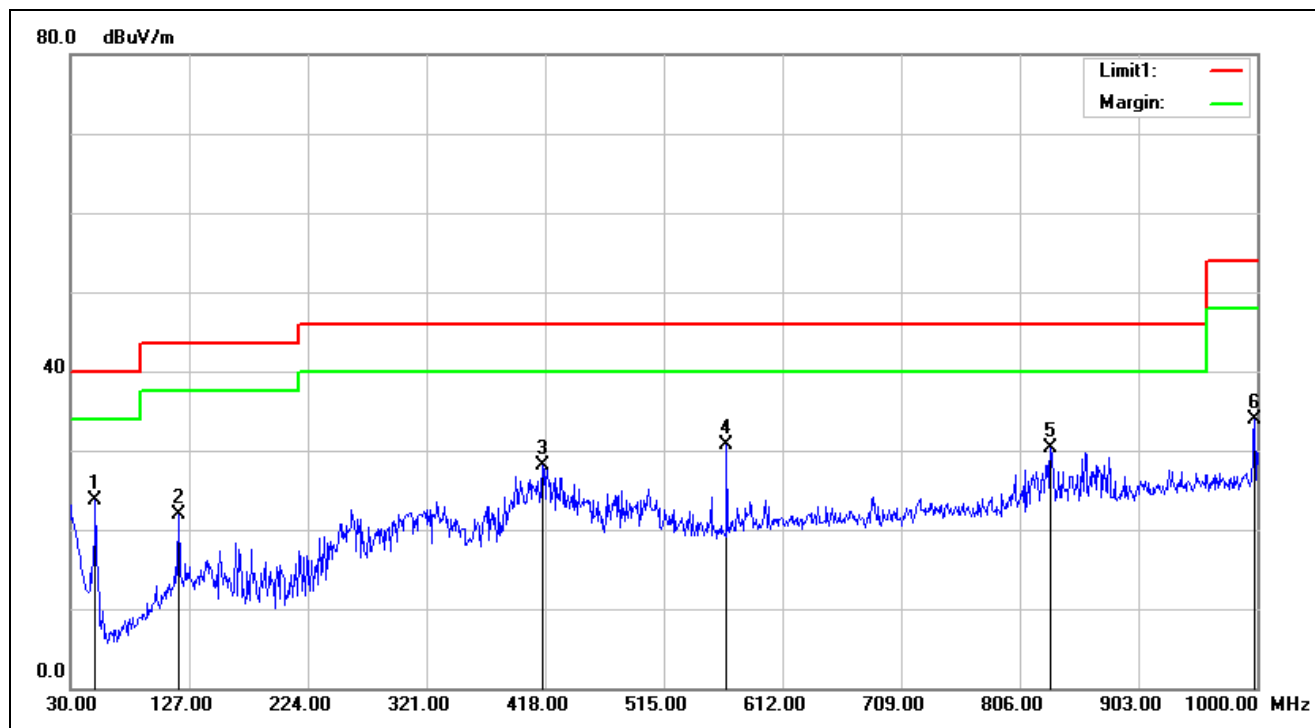
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/7/11 15:13:47
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%)	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2441-RX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	198.7800	-14.75	42.05	27.30	43.50	-16.20	peak	100	90	
2	250.1899	-11.61	40.95	29.34	46.00	-16.66	peak	100	253	
3	342.3399	-9.54	39.45	29.91	46.00	-16.09	peak	100	314	
4	399.5699	-8.67	36.50	27.83	46.00	-18.17	peak	100	221	
5	566.4099	-6.63	31.87	25.24	46.00	-20.76	peak	100	208	
6	997.0900	-0.03	30.72	30.69	54.00	-23.31	peak	100	66	

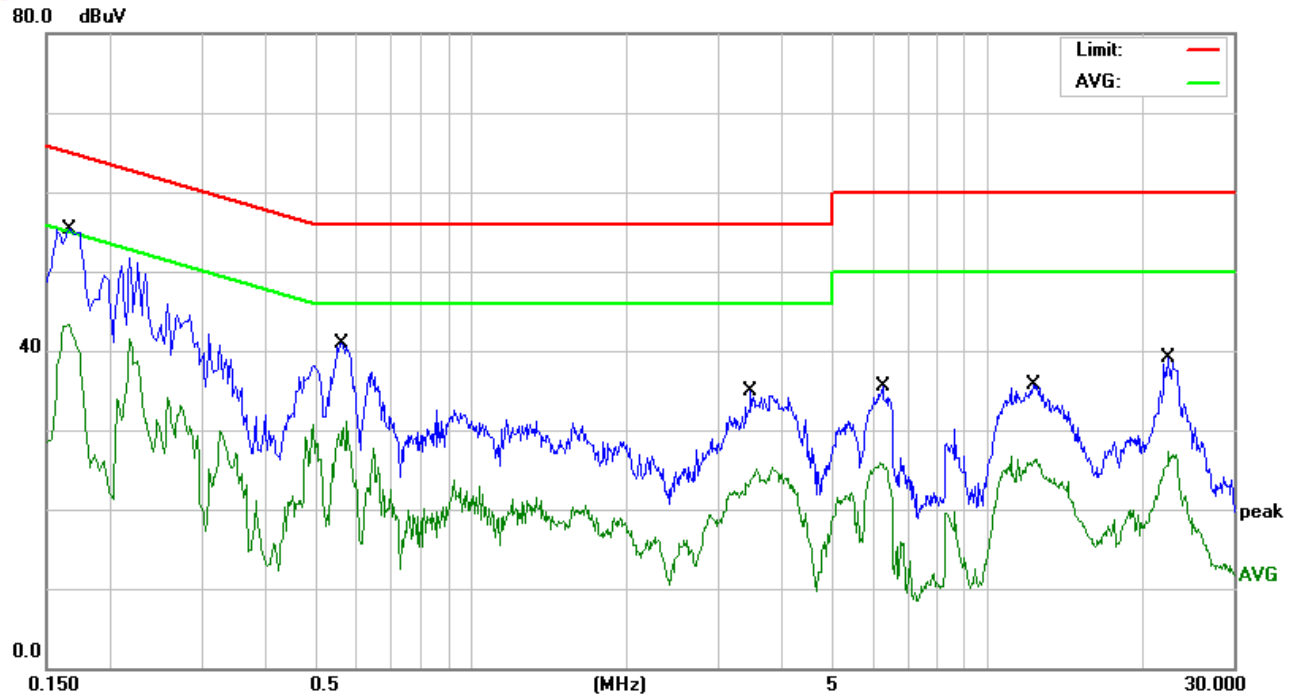
Spurious Emissions, Mains, 150kHz - 30MHz



Service No.:	114037491-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/7/11 15:14:50
Applicant:	Vencer	Test Rating:	DC 5V
Product:	Bluetooth Ultimate USB Adapter	Temp.(°C)/Hum.(%)	29.2(°C)/56%
Model No.:	VD-11x4	Test Engineer:	Hugo Chang
Test Mode:	1DH5-2441-RX		
Remark:	BT		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	50.3700	-17.20	40.94	23.74	40.00	-16.26	peak	100	56	
2	118.2700	-13.08	34.97	21.89	43.50	-21.61	peak	100	19	
3	416.0600	-8.44	36.53	28.09	46.00	-17.91	peak	100	201	
4	566.4099	-6.63	37.33	30.70	46.00	-15.30	peak	100	147	
5	831.2199	-2.92	33.19	30.27	46.00	-15.73	peak	100	228	
6	998.0600	-0.01	33.86	33.85	54.00	-20.15	peak	100	342	

Mains Spurious Emissions



Service No.: 114037491

Test Standard: NCC Class B Conduction(QP) Probe: L1

Test item: Conduction Emission Test Time: 2015/7/11 15:39:24

Applicant: Vencer Test Rating: AC 110V/60Hz

Product: Bluetooth Ultimate USB Adapter Temp.(°C)/Hum.(%): 26.2(°C)/52%

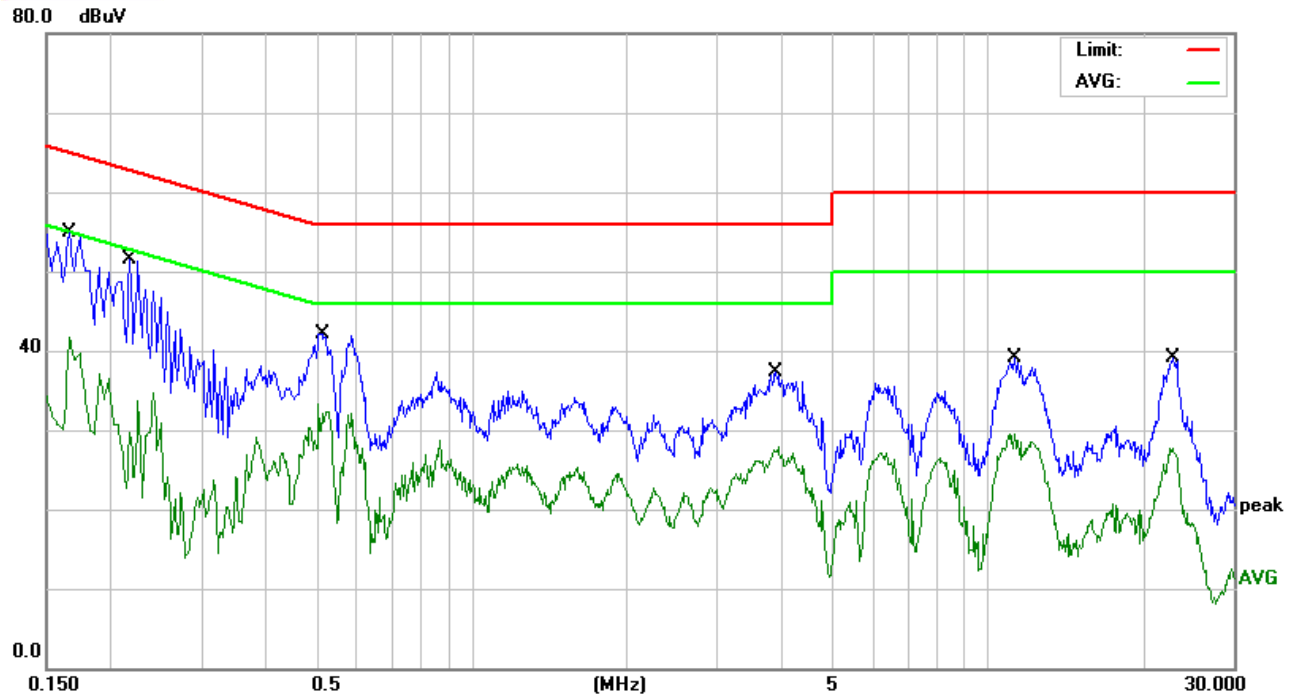
Model No.: VD-11x4 Test Engineer: Hugo Chang

Test Mode:

Remark:

No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Remark
1	0.1660	9.65	41.45	51.10	65.15	-14.05	QP	
2	0.1660	9.65	27.54	37.19	55.15	-17.96	AVG	
3	0.5620	9.63	28.70	38.33	56.00	-17.67	QP	
4	0.5620	9.63	19.83	29.46	46.00	-16.54	AVG	
5	3.4820	9.67	19.21	28.88	56.00	-27.12	QP	
6	3.4820	9.67	13.67	23.34	46.00	-22.66	AVG	
7	6.2780	9.70	20.14	29.84	60.00	-30.16	QP	
8	6.2780	9.70	14.97	24.67	50.00	-25.33	AVG	
9	12.2660	9.79	20.45	30.24	60.00	-29.76	QP	
10	12.2660	9.79	14.36	24.15	50.00	-25.85	AVG	
11	22.3620	9.90	23.53	33.43	60.00	-26.57	QP	
12	22.3620	9.90	14.78	24.68	50.00	-25.32	AVG	

Spurious Emissions, Mains, 150kHz - 30MHz



Service No.: 114037491
Test Standard: NCC Class B Conduction(QP) **Probe:** N
Test item: Conduction Emission **Test Time:** 2015/7/11 15:43:22
Applicant: Vencer **Test Rating:** AC 110V/60Hz
Product: Bluetooth Ultimate USB Adapter **Temp.(°C)/Hum.(%):** 26.2(°C)/52%
Model No.: VD-11x4 **Test Engineer:** Hugo Chang
Test Mode:
Remark:

No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Remark
1	0.1660	9.66	38.45	48.11	65.15	-17.04	QP	
2	0.1660	9.66	16.04	25.70	55.15	-29.45	AVG	
3	0.2180	9.65	28.69	38.34	62.89	-24.55	QP	
4	0.2180	9.65	12.52	22.17	52.89	-30.72	AVG	
5	0.5140	9.64	29.19	38.83	56.00	-17.17	QP	
6	0.5140	9.64	20.43	30.07	46.00	-15.93	AVG	
7	3.8860	9.68	22.08	31.76	56.00	-24.24	QP	
8	3.8860	9.68	16.60	26.28	46.00	-19.72	AVG	
9	11.2700	9.82	23.12	32.94	60.00	-27.06	QP	
10	11.2700	9.82	17.08	26.90	50.00	-23.10	AVG	
11	22.9180	10.00	22.05	32.05	60.00	-27.95	QP	
12	22.9180	10.00	14.27	24.27	50.00	-25.73	AVG	