

Test Report No.50129463 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50129463AppendixD)

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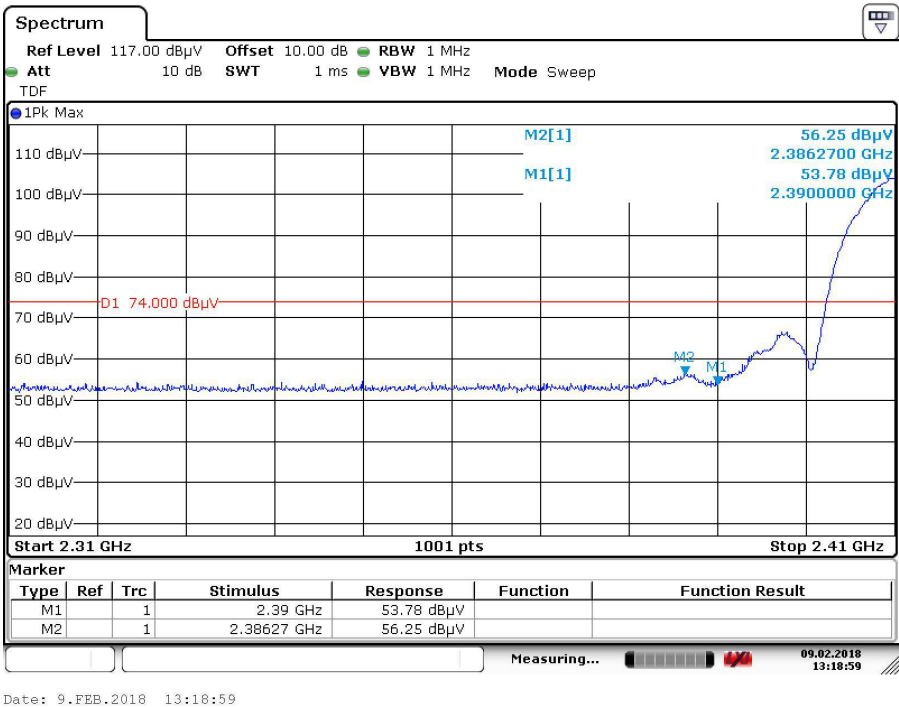
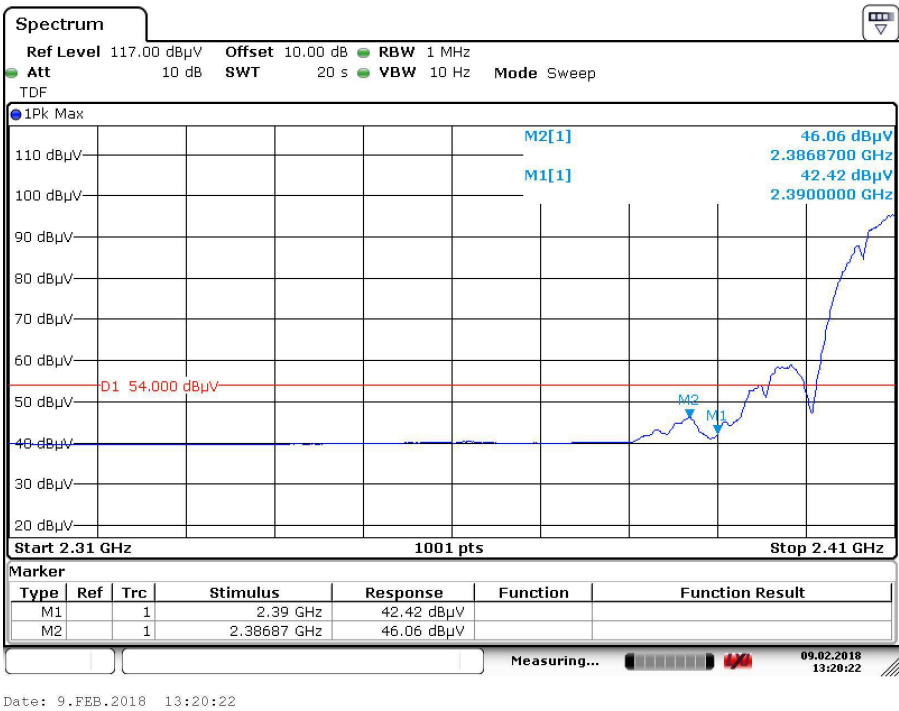
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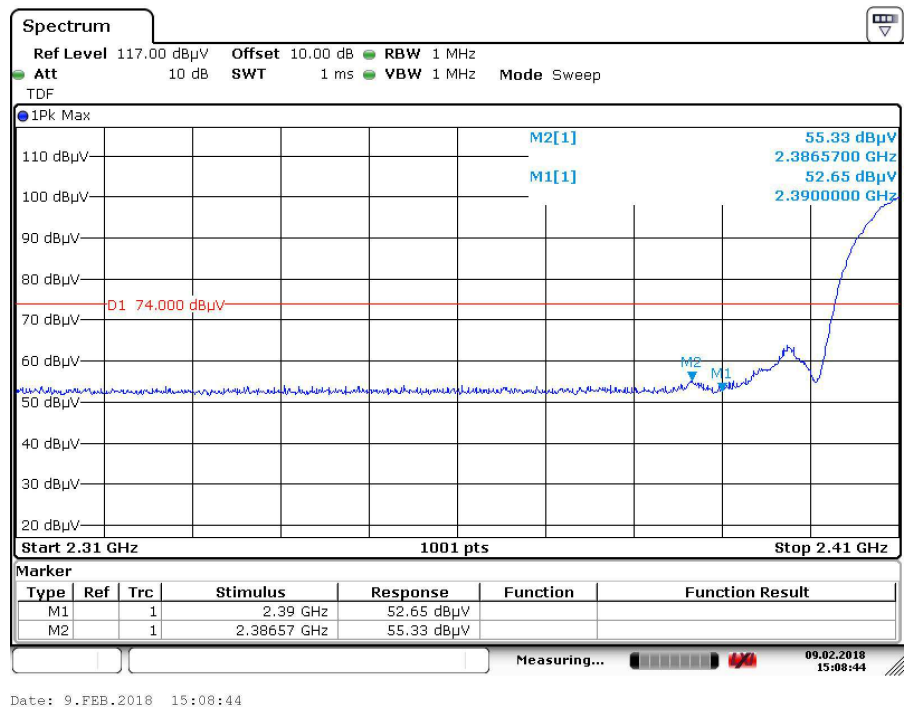
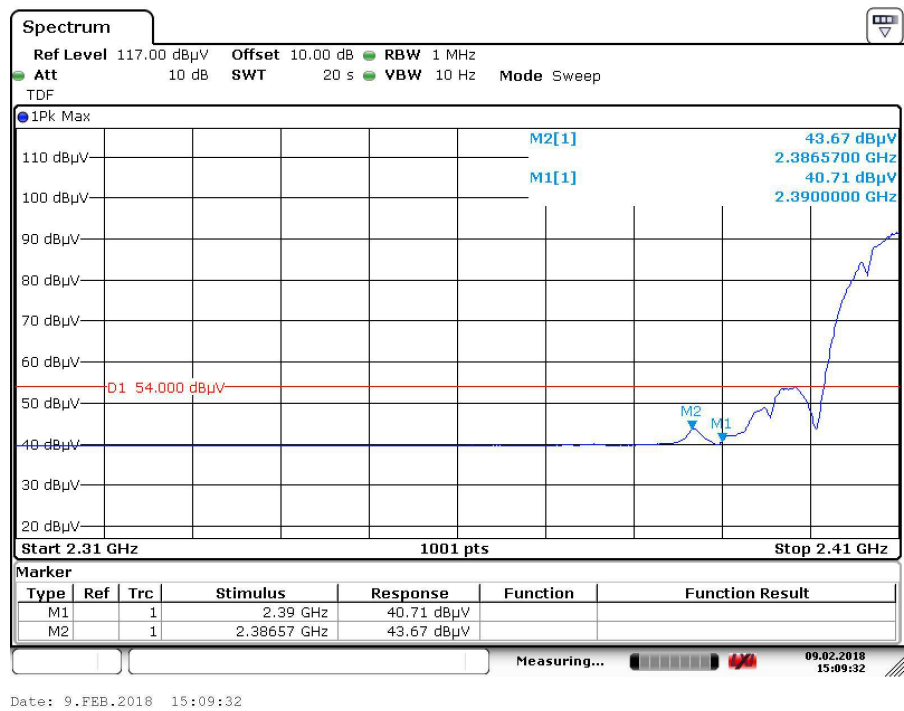
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Radiated Bandedge 11b

Low Channel (Hor) 2412



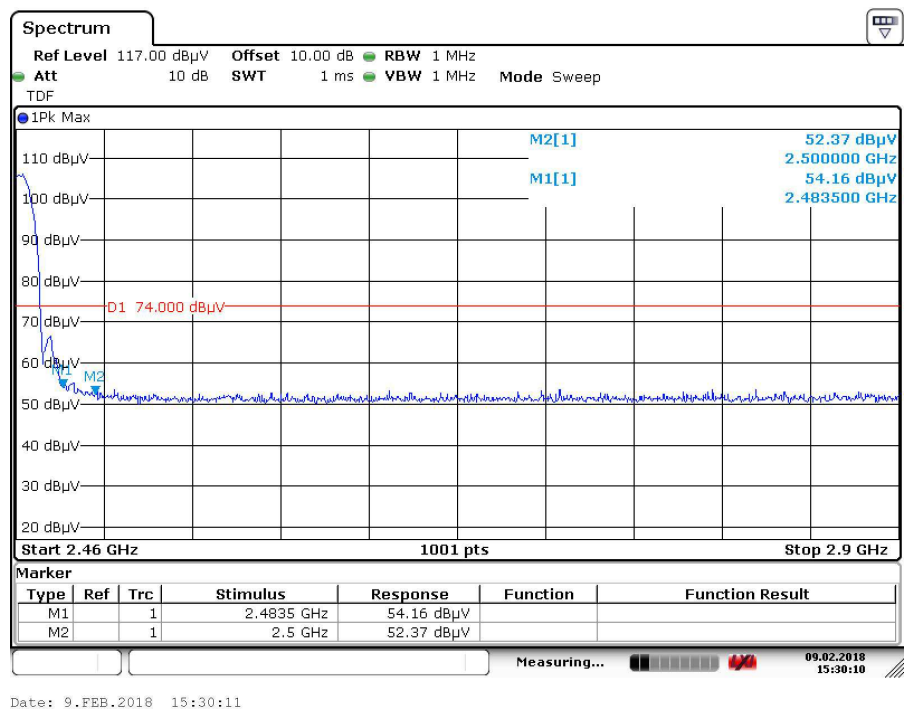
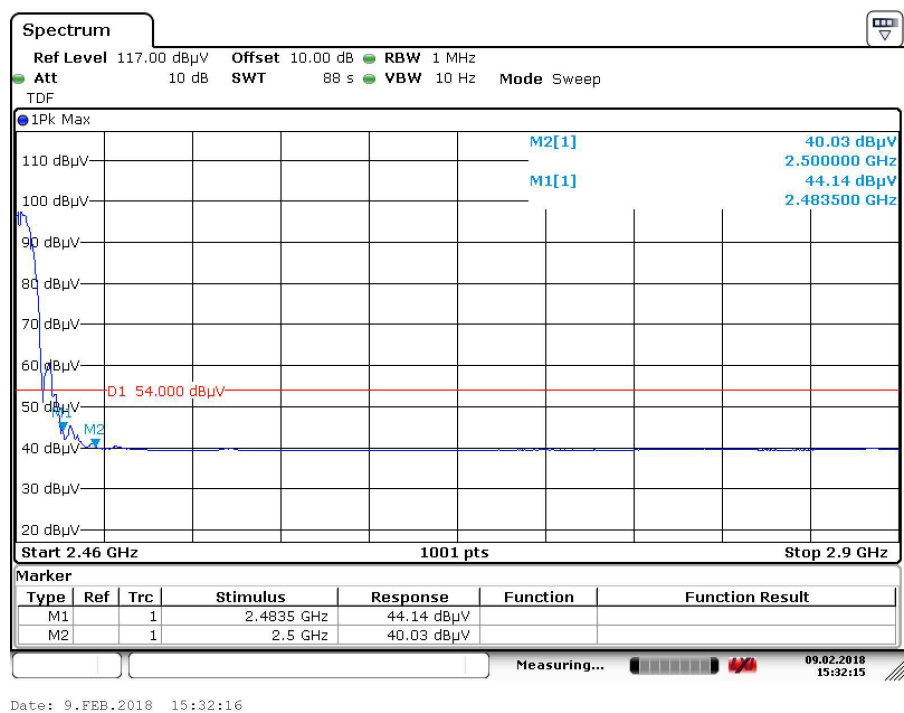
Low Channel (Ver) 2412



Spurious Emissions, Band Edge, 2.35-2.5G

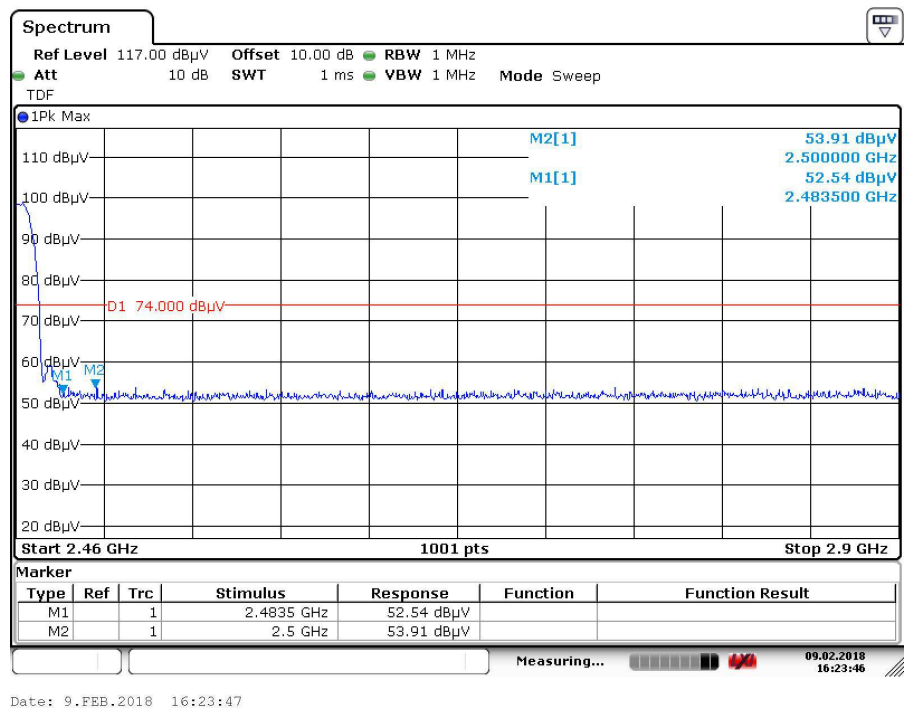
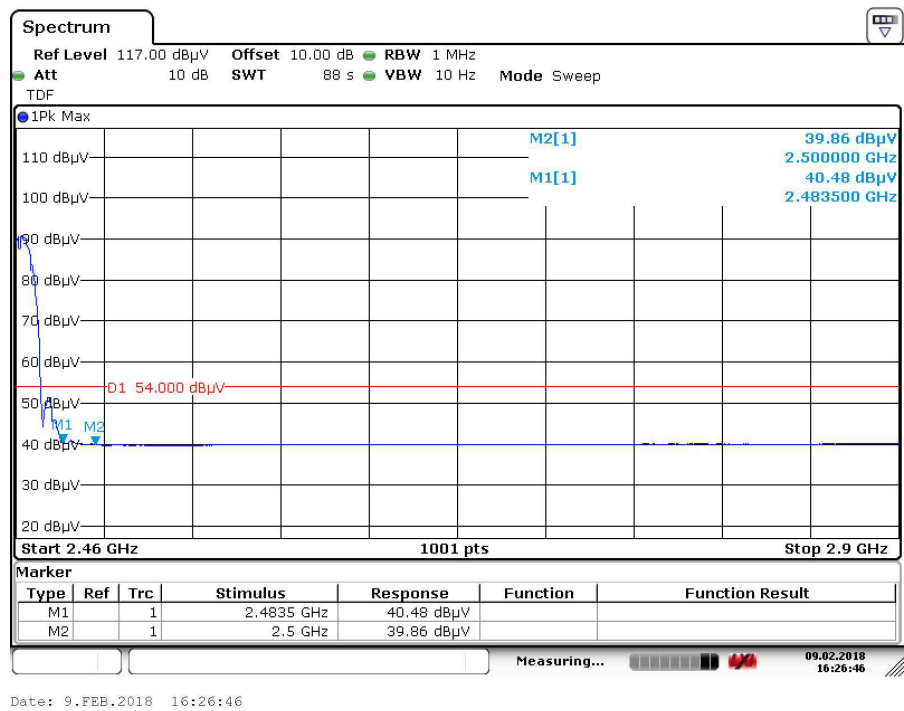
Radiated Bandedge 11b

High Channel (Hor) 2462



Spurious Emissions, Band Edge, 2.35-2.5G

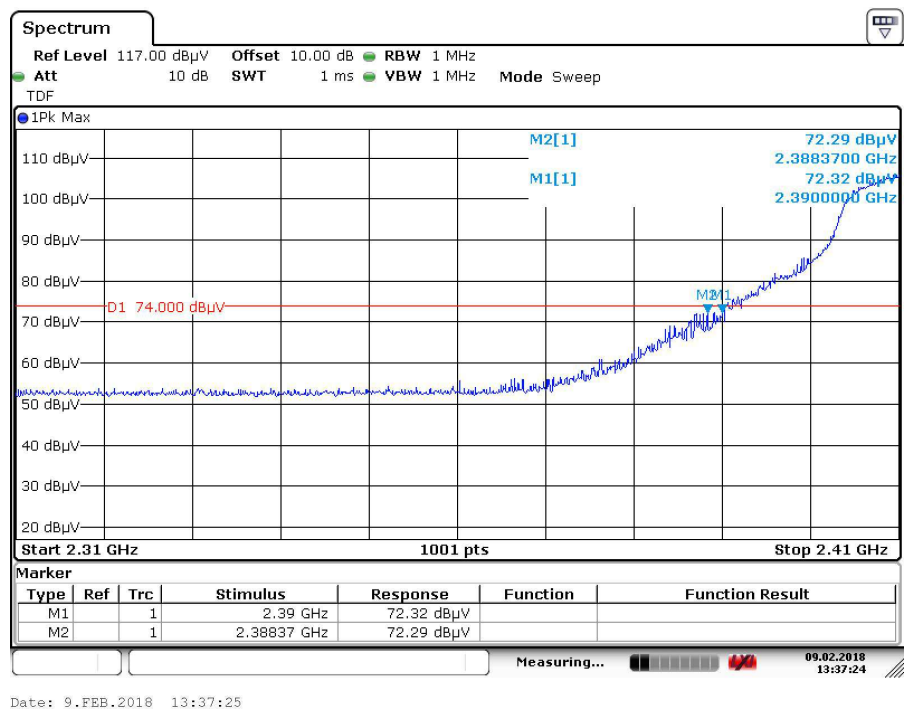
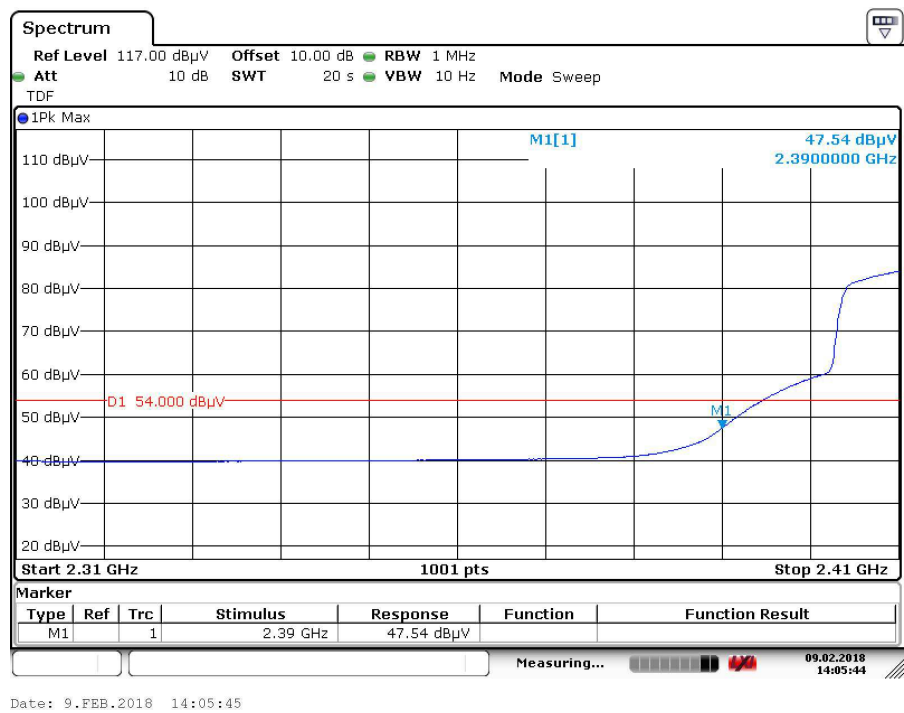
High Channel (Ver) 2462



Spurious Emissions, Band Edge, 2.35-2.5G

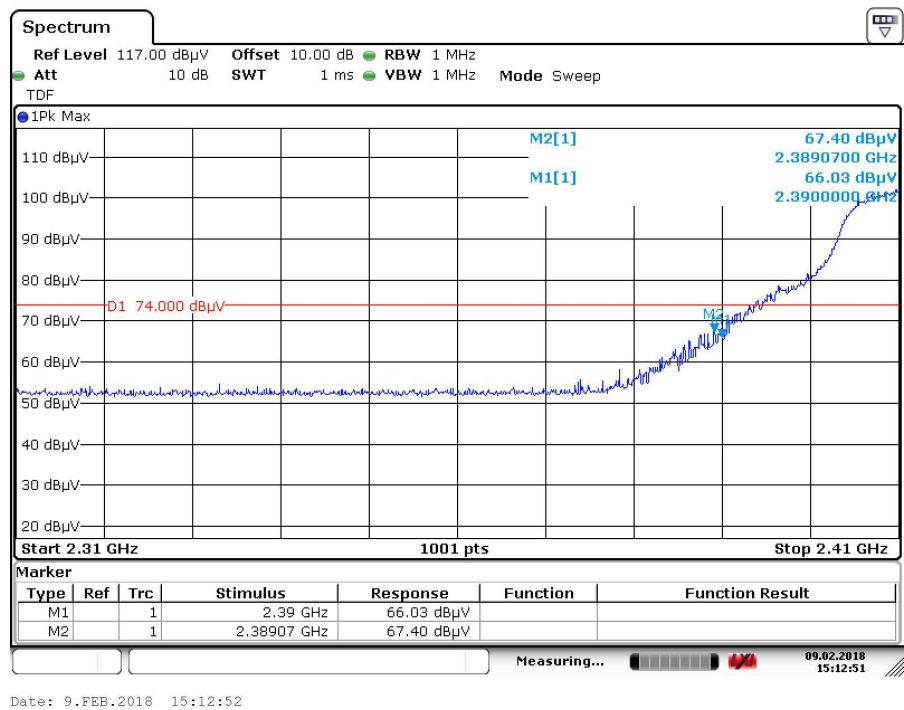
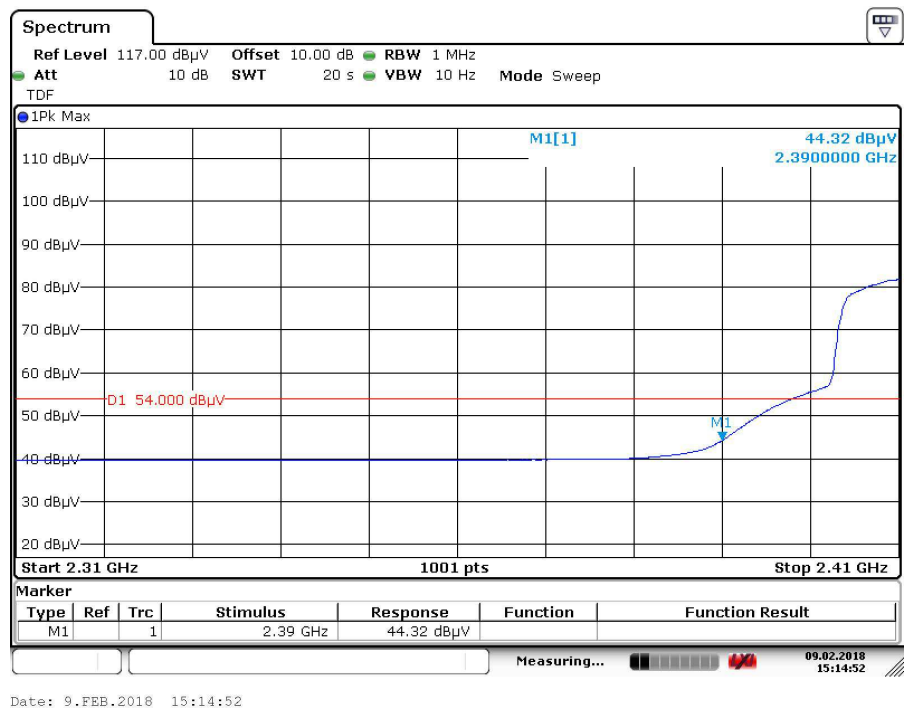
Radiated Bandedge 11g

High Channel (Hor) 2412



Spurious Emissions, Band Edge, 2.35-2.5G

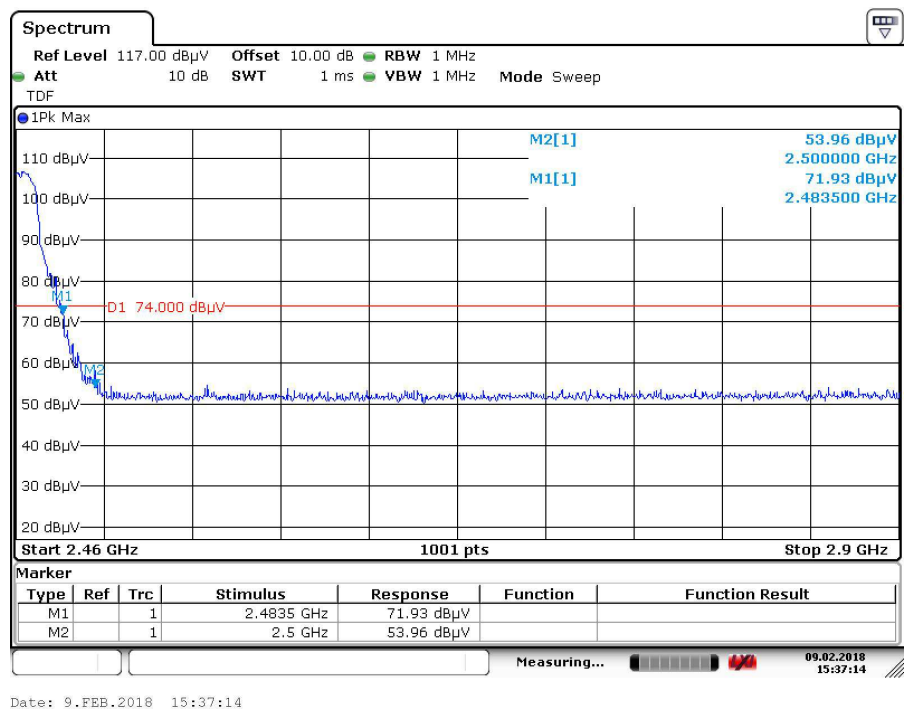
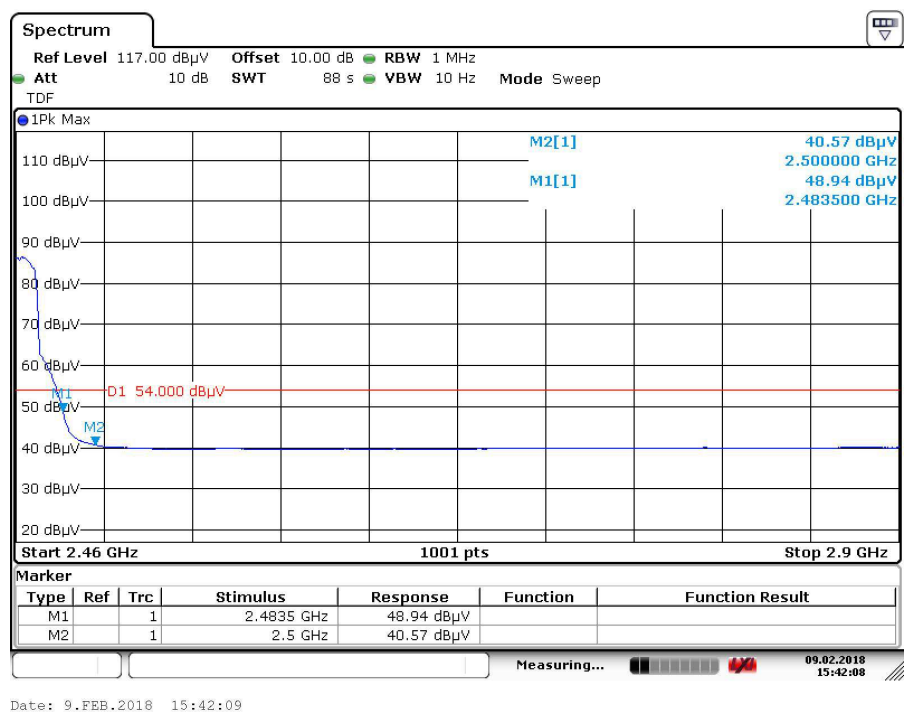
High Channel (Ver) 2412



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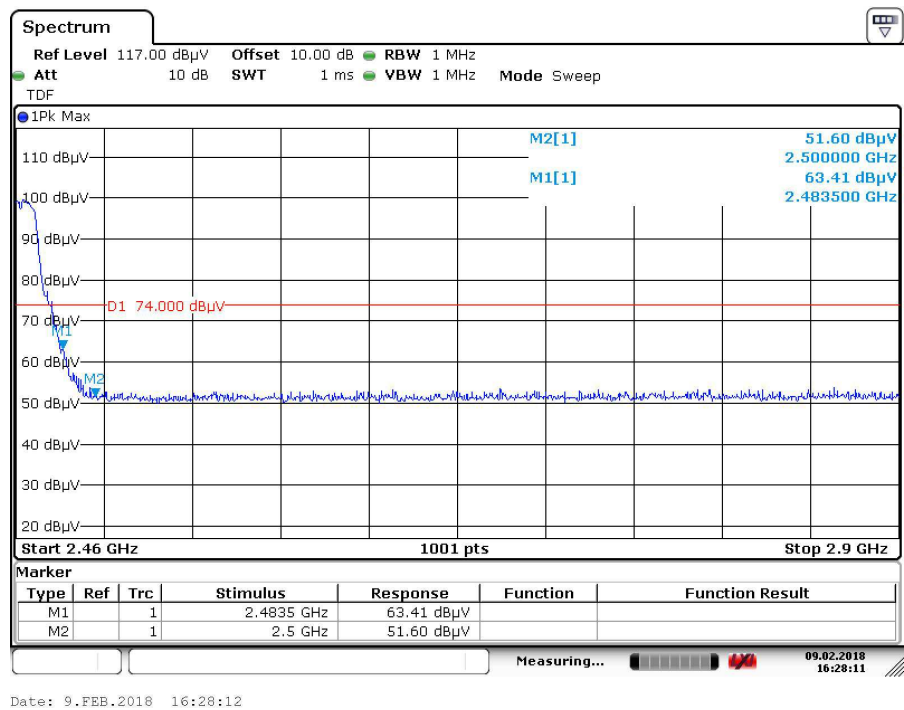
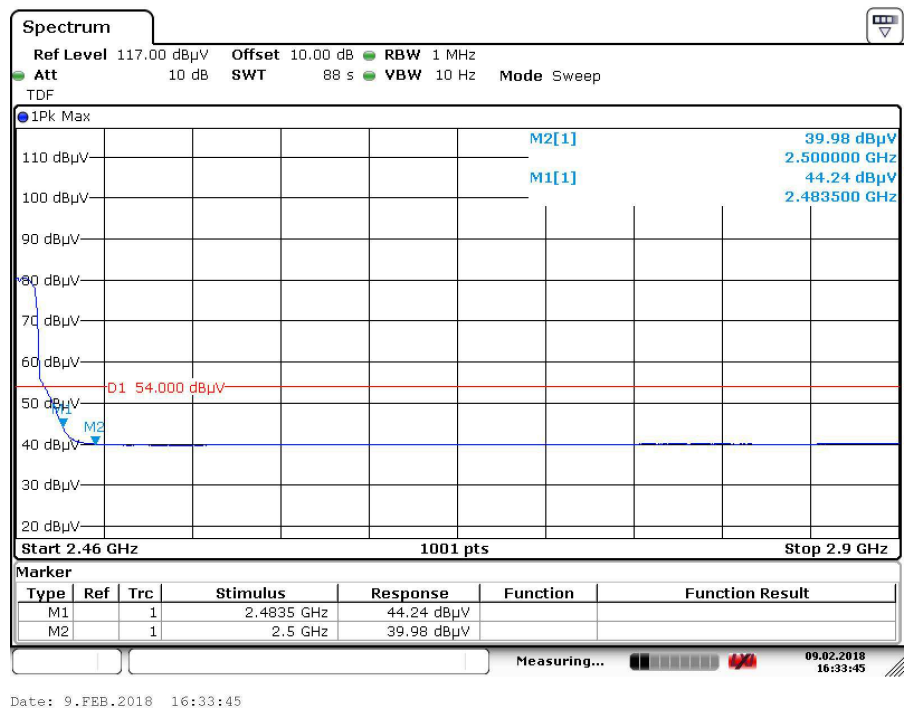
Radiated Bandedge 11g

High Channel (Hor) 2462



Spurious Emissions, Band Edge, 2.35-2.5G

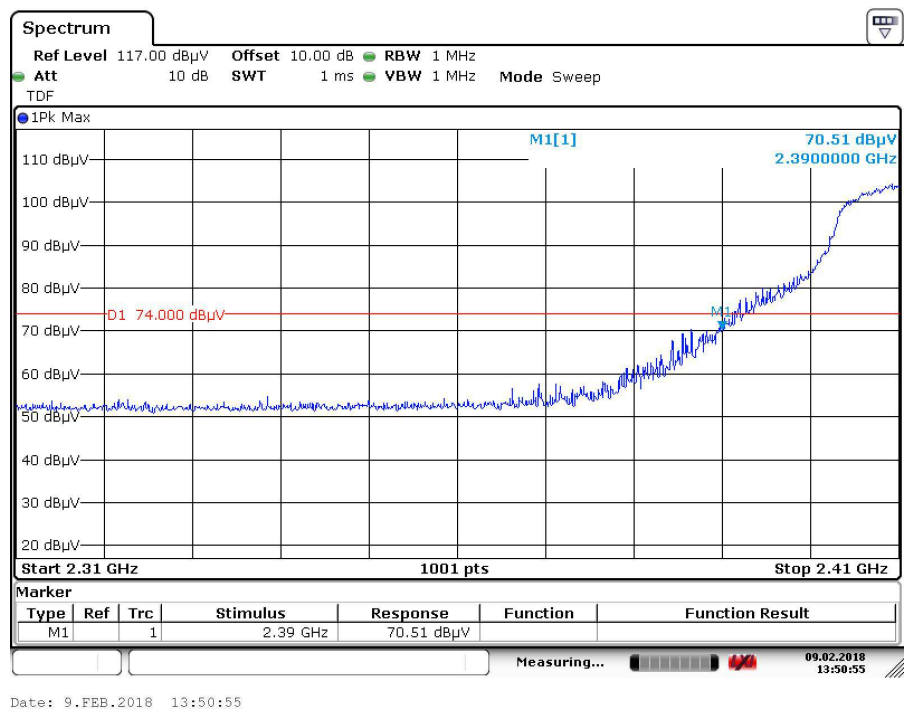
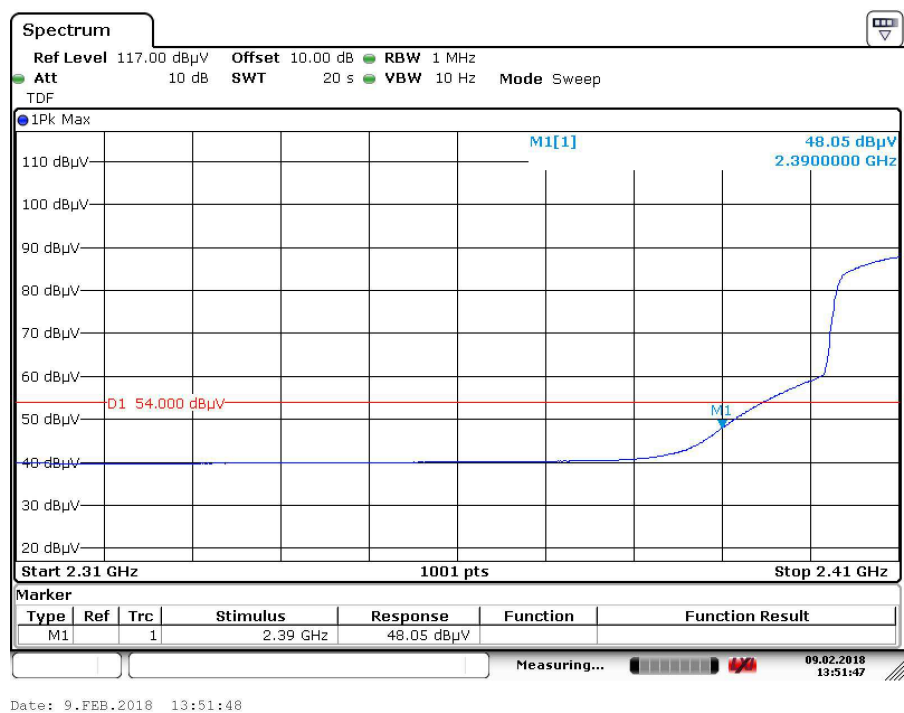
High Channel (Ver) 2462



Spurious Emissions, Band Edge, 2.35-2.5G

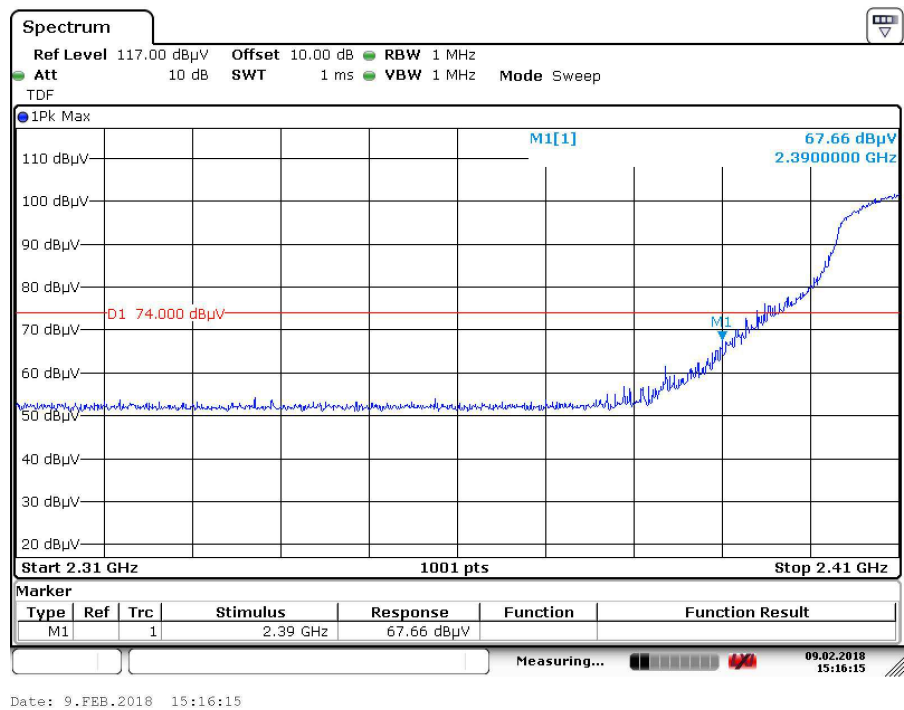
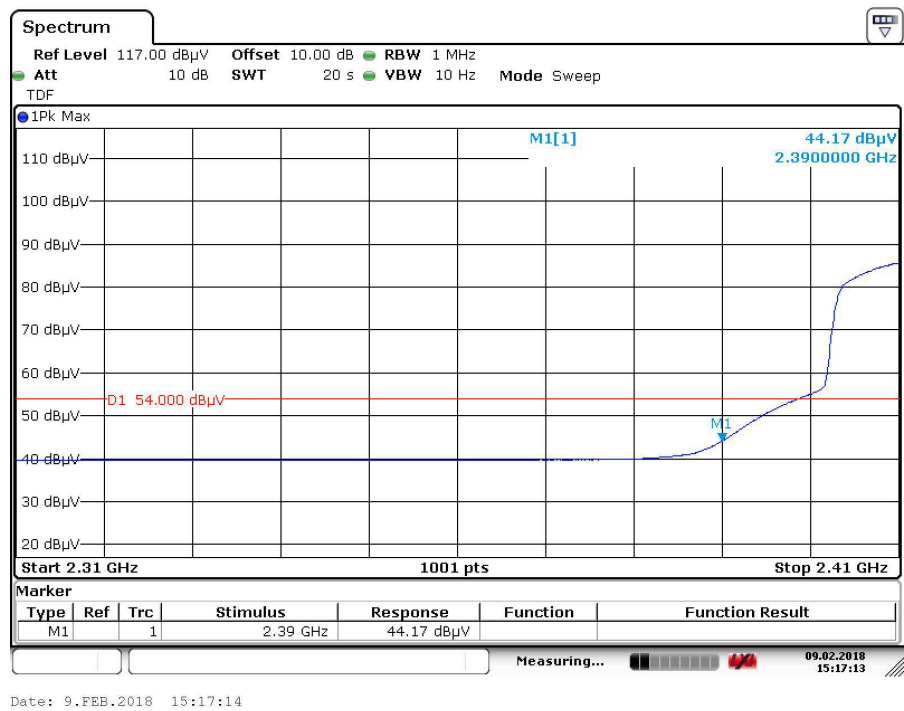
Radiated Bandedge HT20

High Channel (Hor) 2412



Spurious Emissions, Band Edge, 2.35-2.5G

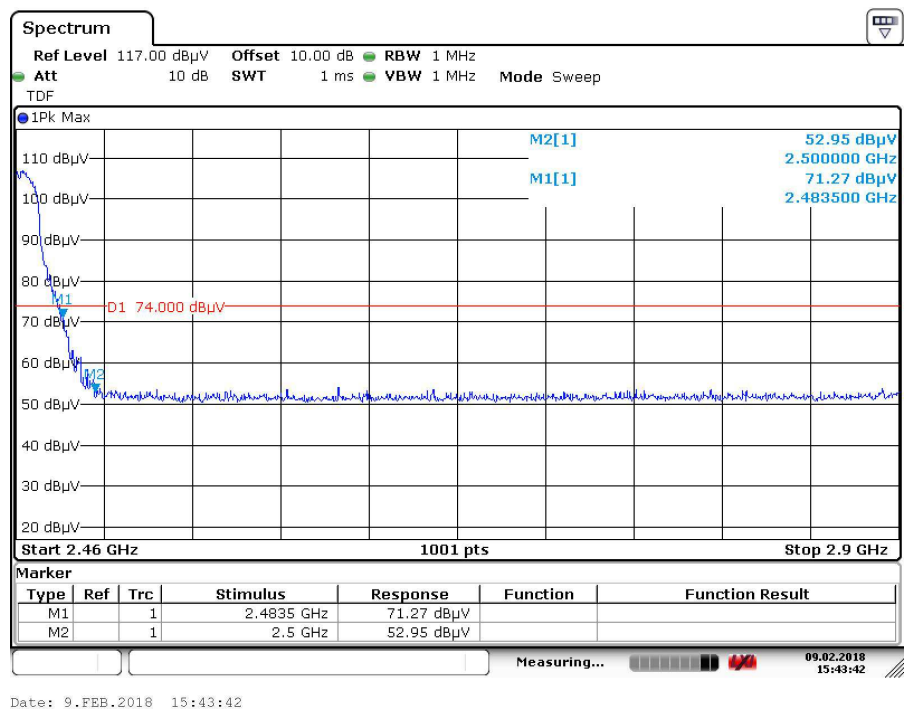
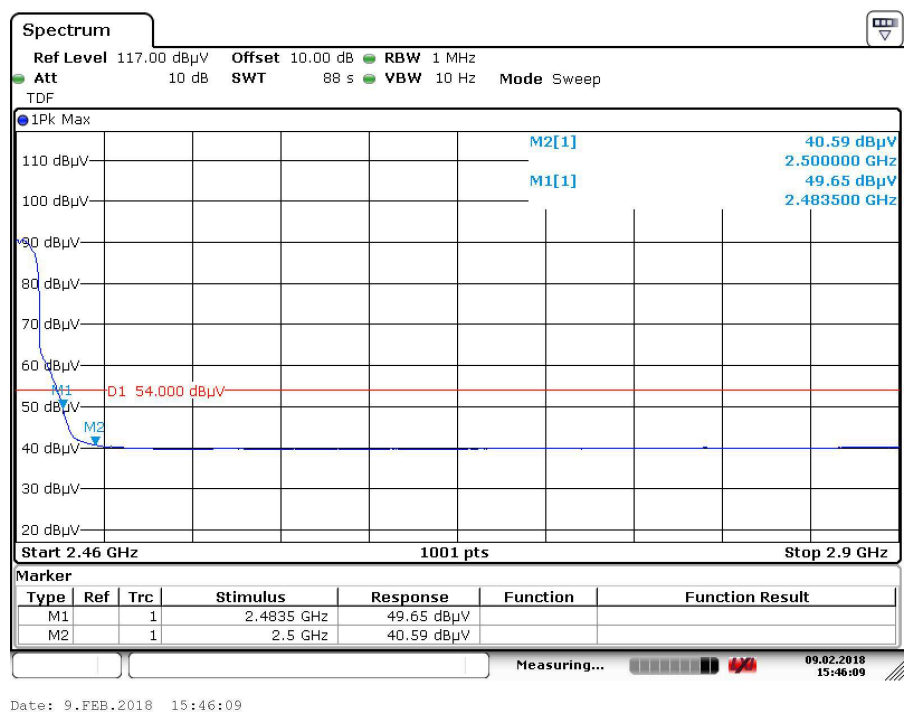
High Channel (Ver) 2412



Spurious Emissions, Band Edge, 2.35-2.5G

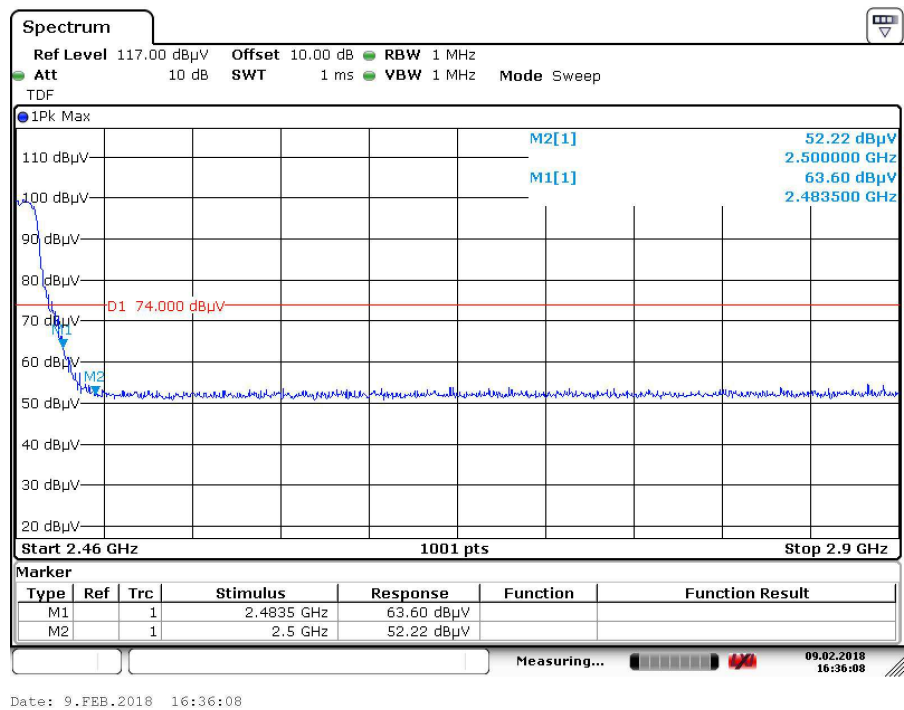
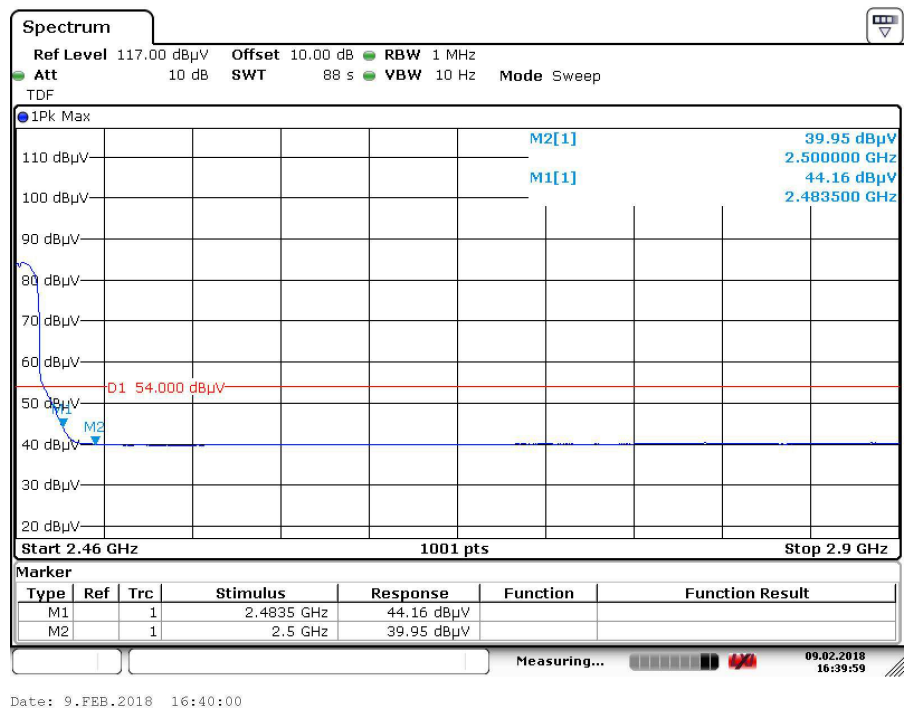
Radiated Bandedge HT20

High Channel (Hor) 2412



Spurious Emissions, Band Edge, 2.35-2.5G

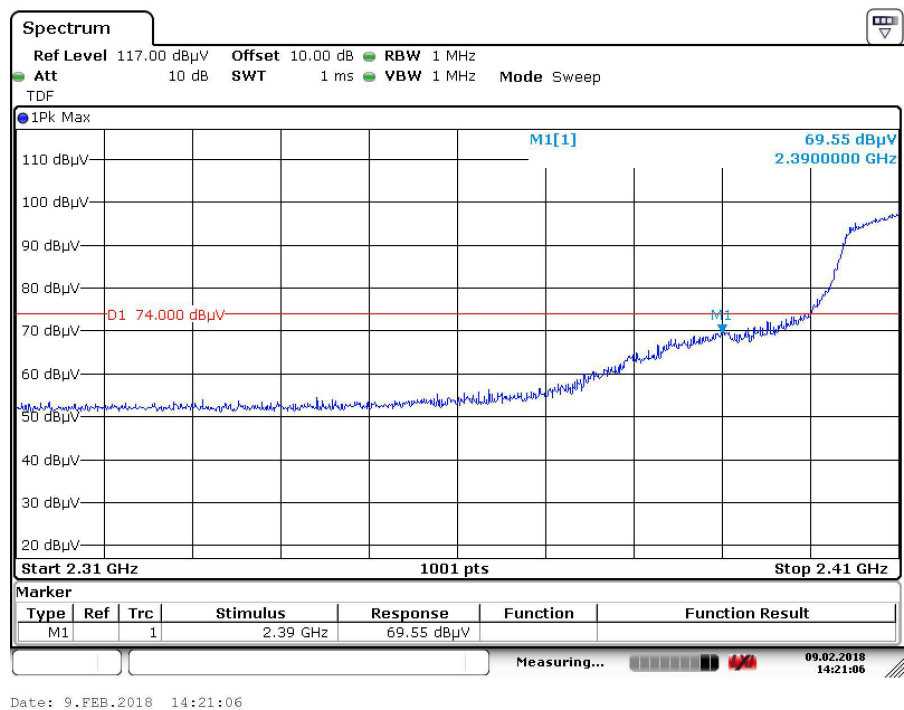
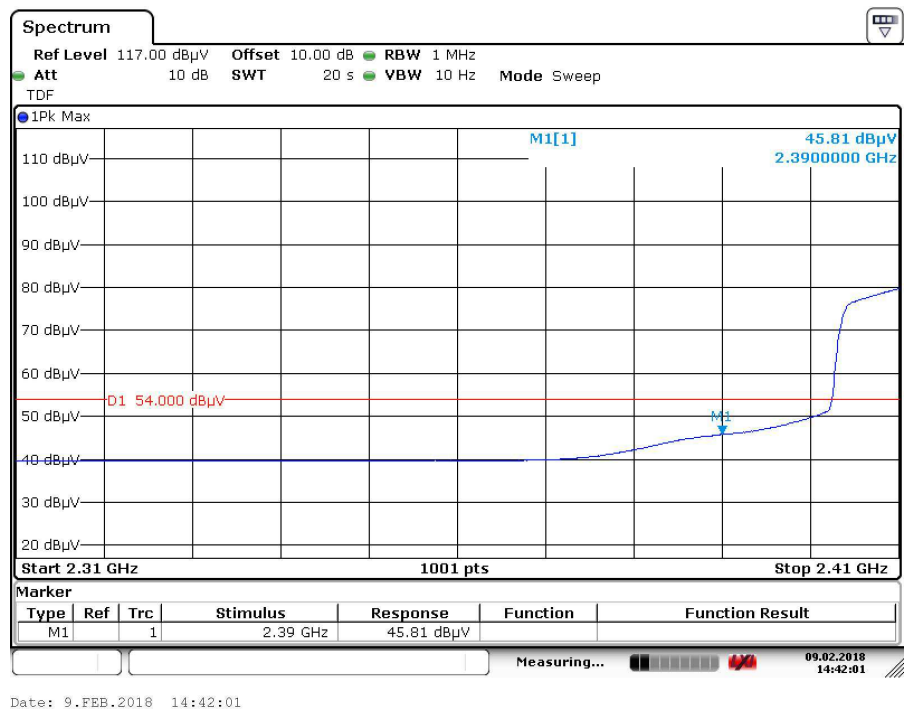
High Channel (Ver) 2412



Spurious Emissions, Band Edge, 2.35-2.5G

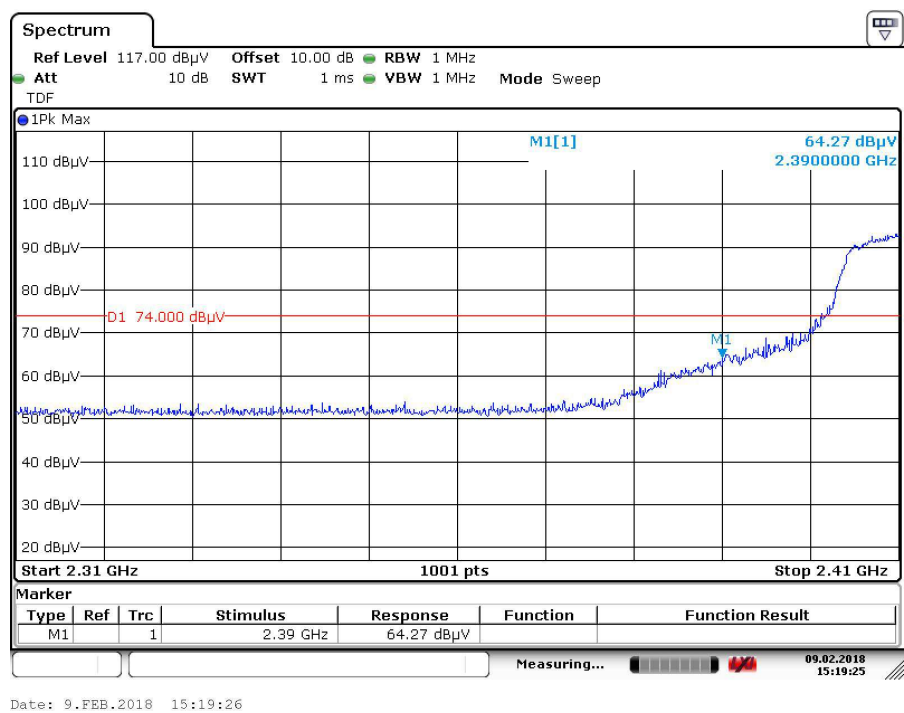
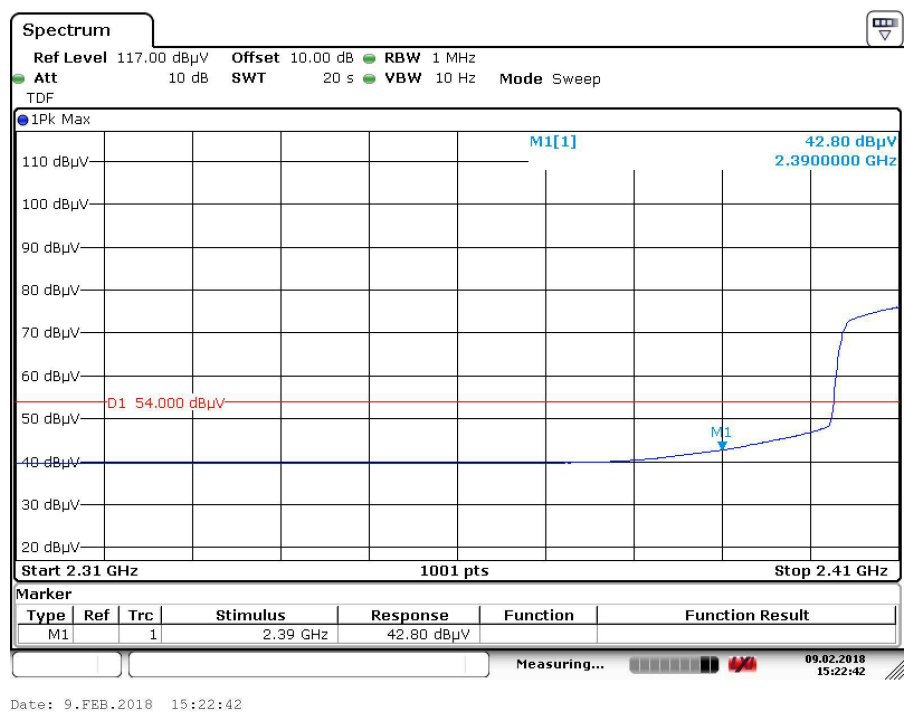
Radiated Bandedge HT40

High Channel (Hor) 2422



Spurious Emissions, Band Edge, 2.35-2.5G

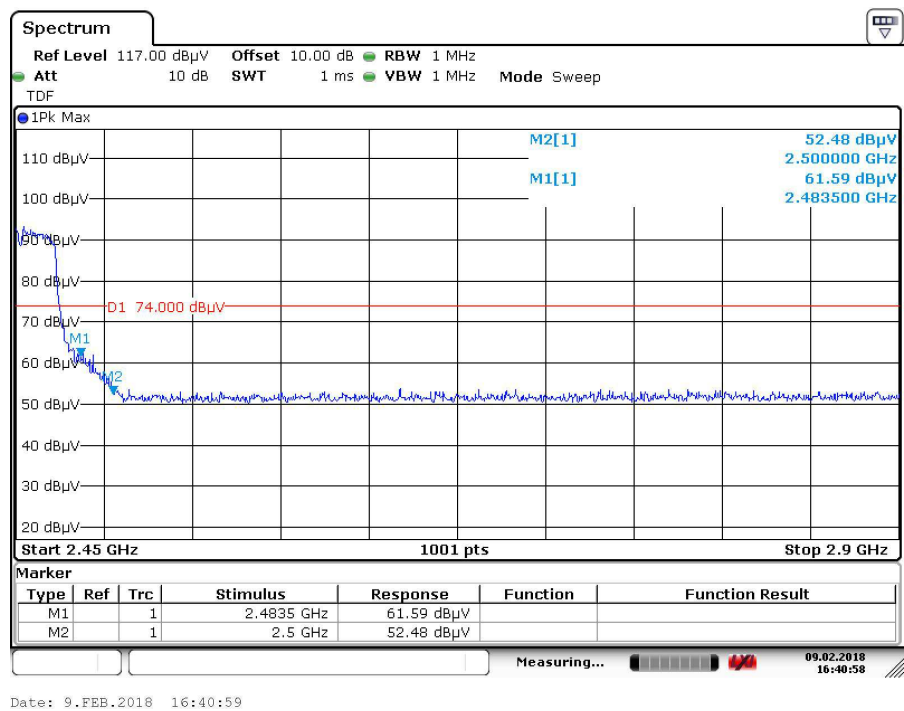
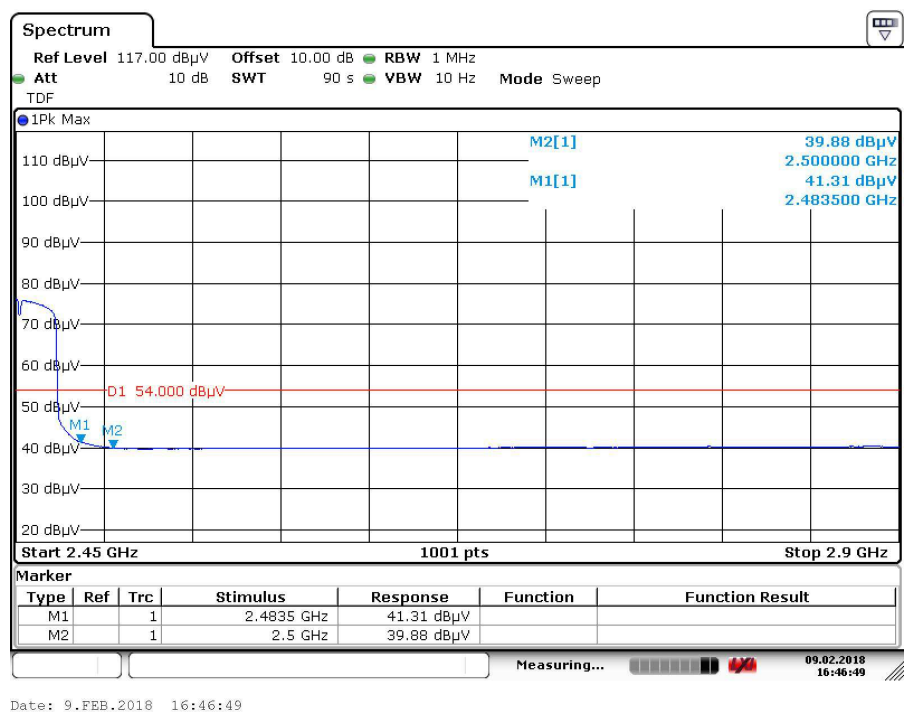
High Channel (Ver) 2422



Spurious Emissions, Band Edge, 2.35-2.5G

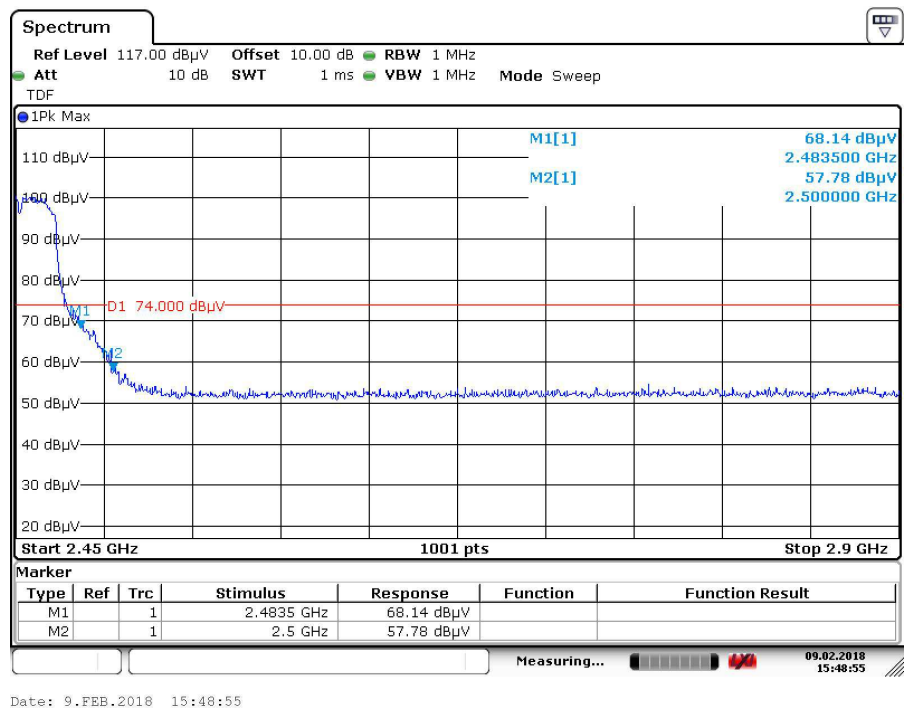
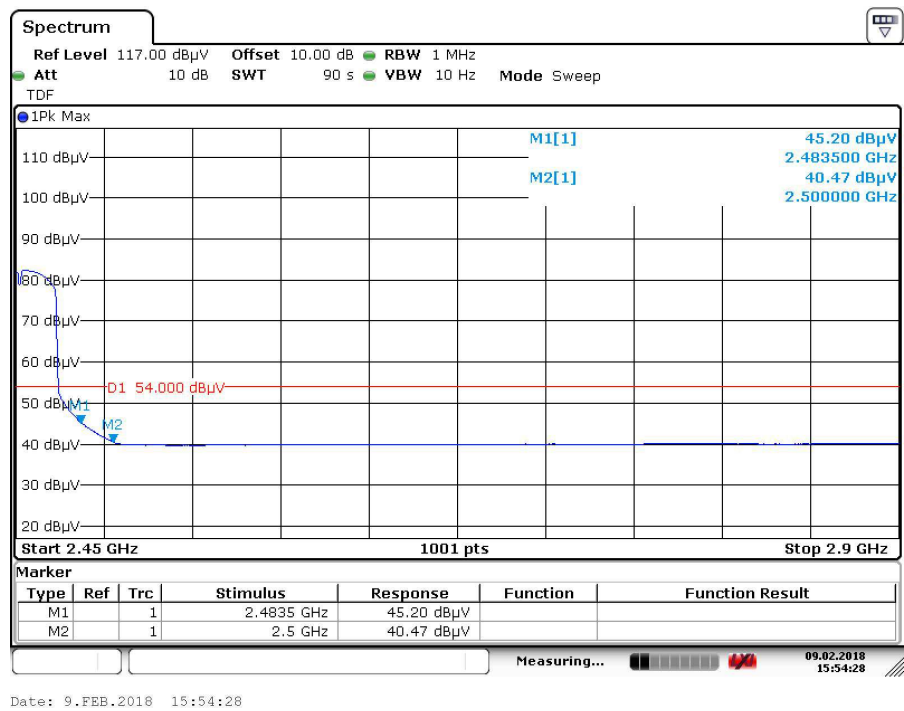
Radiated Bandedge HT40

High Channel (Hor) 2452



Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Ver) 2452



Spurious Emissions, Band Edge, 2.35-2.5G

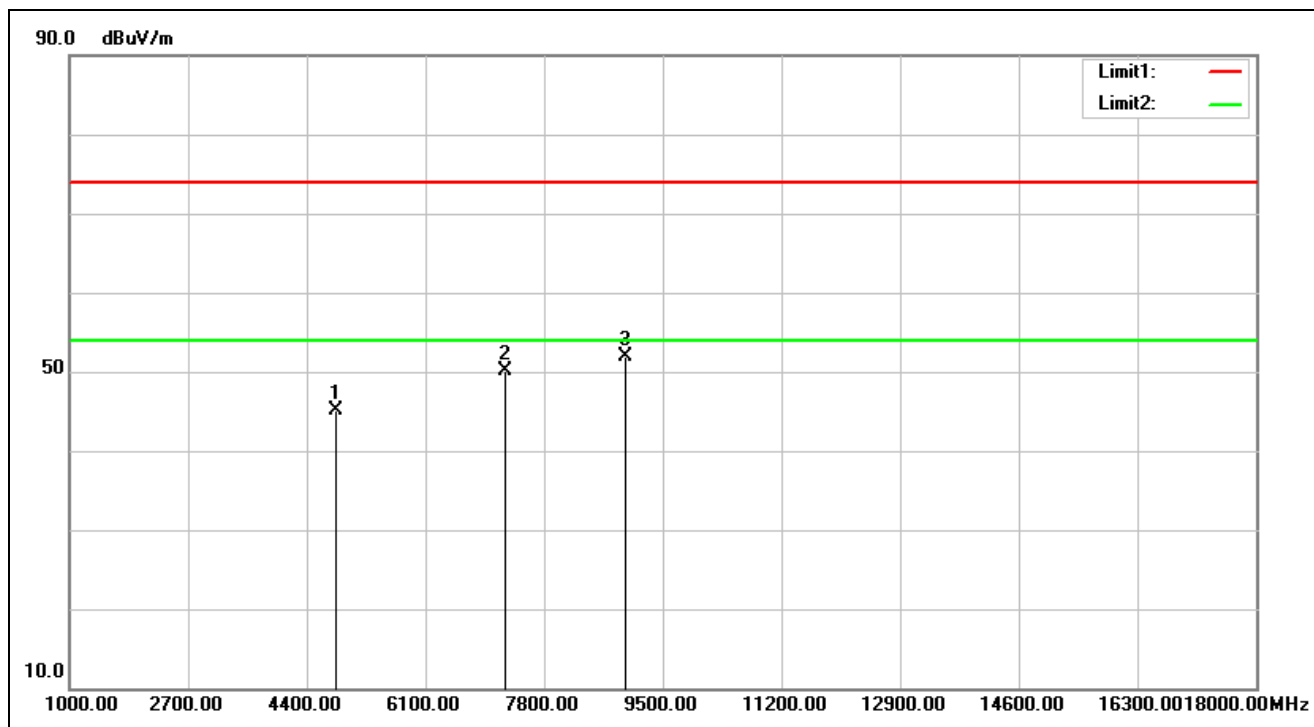
Spurious Emissions, TX Mode, 1-18G



TUV Rheinland Taiwan Ltd.

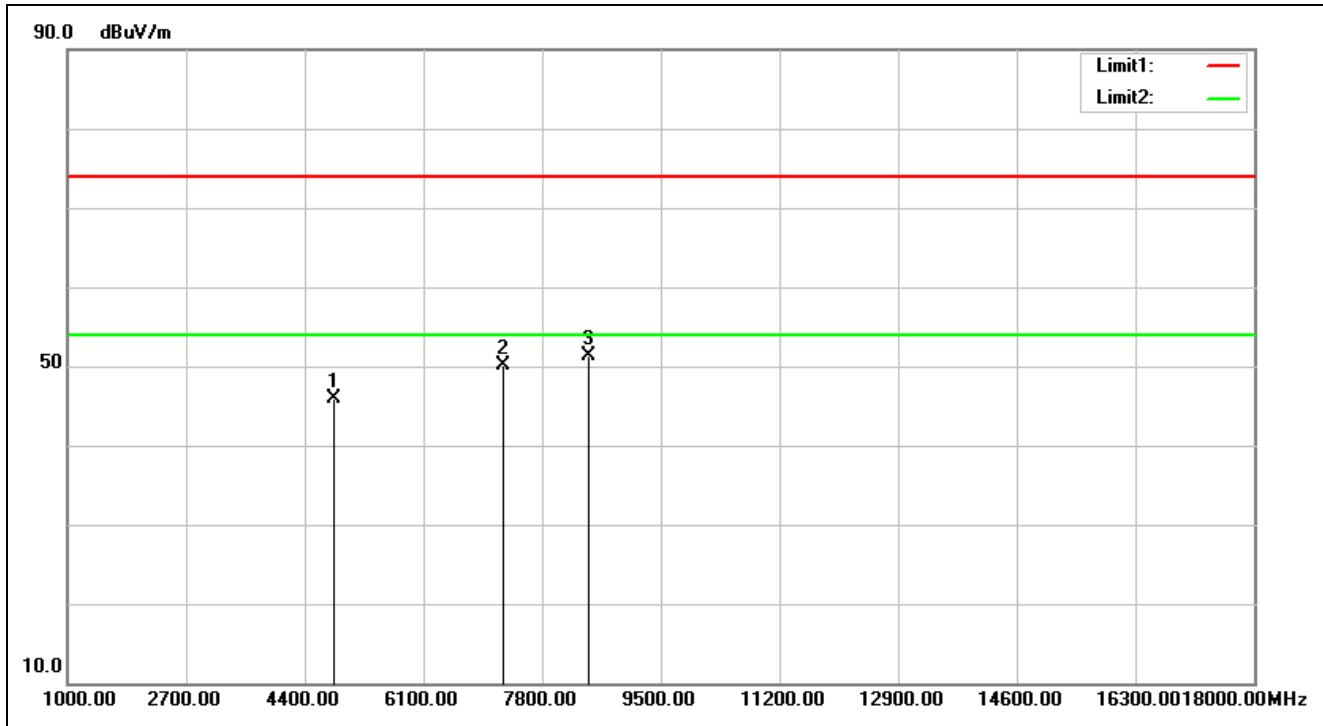
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



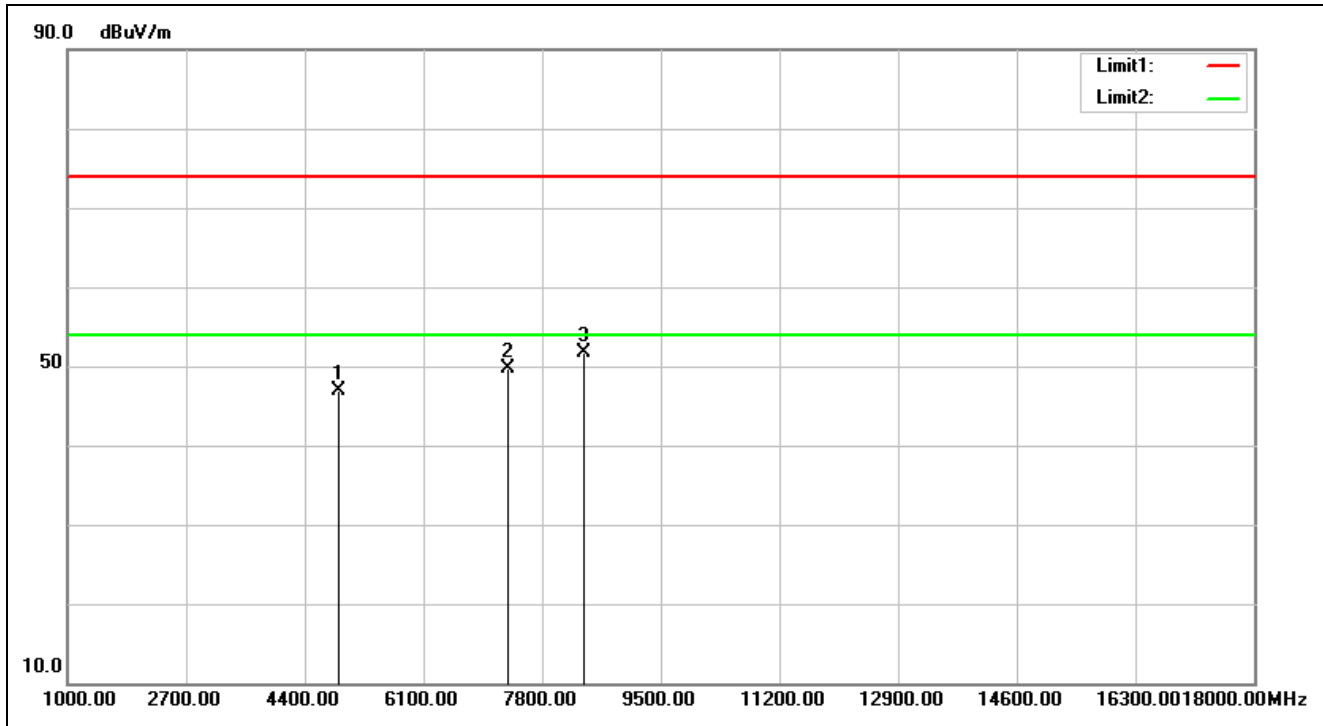
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC	Test Distance:	3m
	WLAN		
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/2/12 14:53:50
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%)	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	4824.000	-2.66	47.78	45.12	74.00	-28.88	peak	100	218	
2	7236.000	5.32	44.87	50.19	74.00	-23.81	peak	100	256	
3	8973.000	6.44	45.40	51.84	74.00	-22.16	peak	100	198	



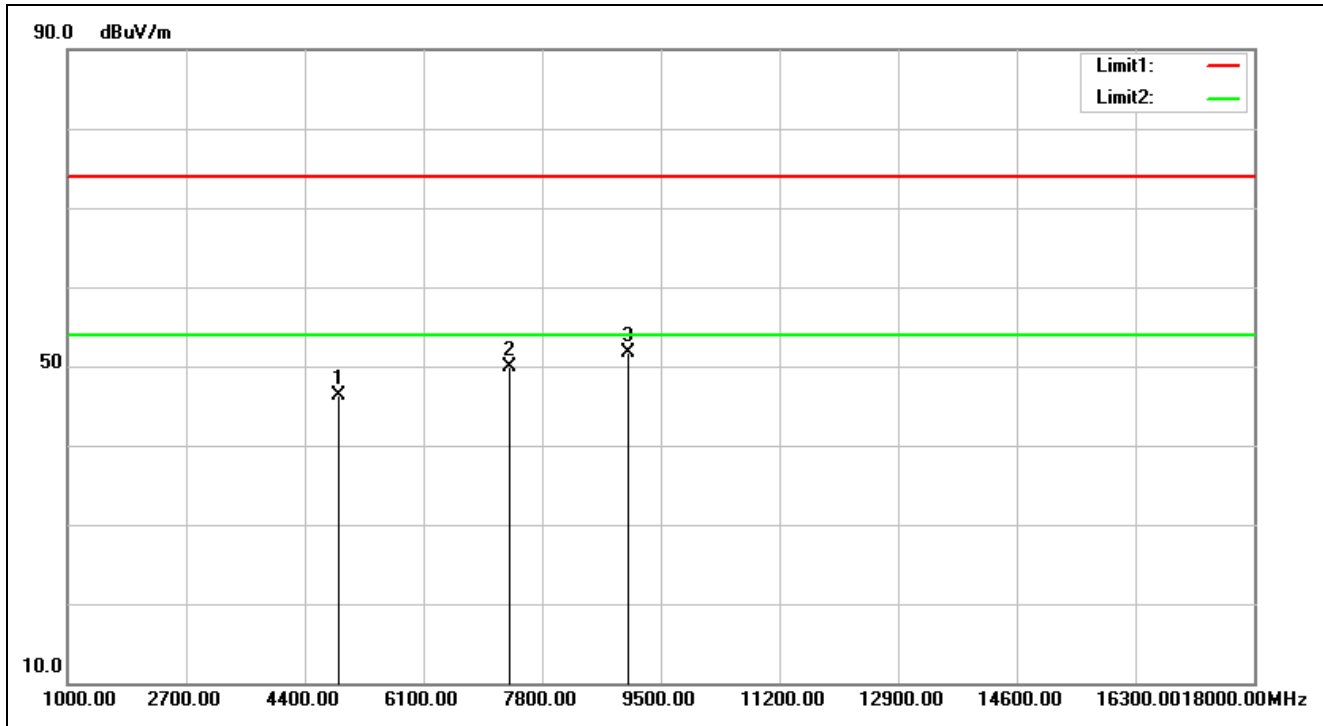
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/2/12 14:54:53
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%)	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	4824.000	-2.66	48.57	45.91	74.00	-28.09	peak	100	130	
2	7236.000	5.32	44.77	50.09	74.00	-23.91	peak	100	97	
3	8463.000	6.34	44.92	51.26	74.00	-22.74	peak	100	151	



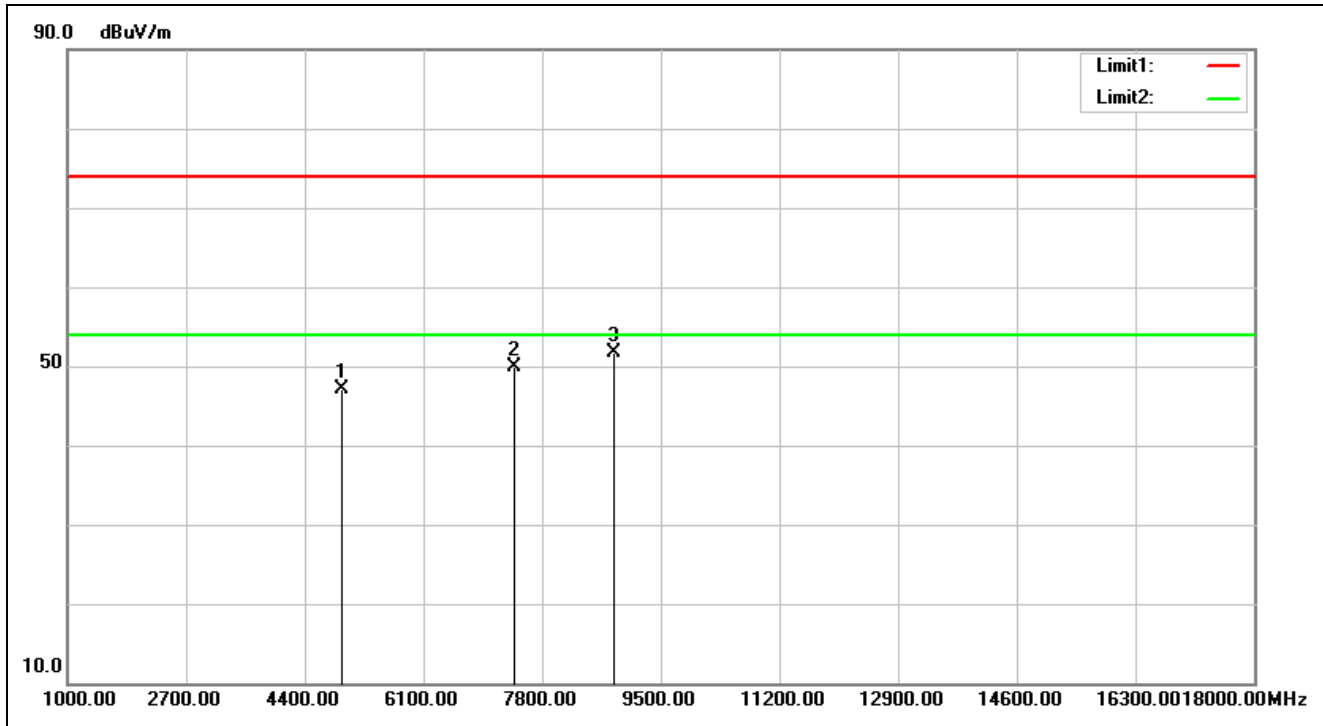
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/2/12 14:58:31
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%):	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	-2.53	49.52	46.99	74.00	-27.01	peak			
2	7311.000	5.52	44.25	49.77	74.00	-24.23	peak			
3	8395.000	6.26	45.53	51.79	74.00	-22.21	peak	100	22	



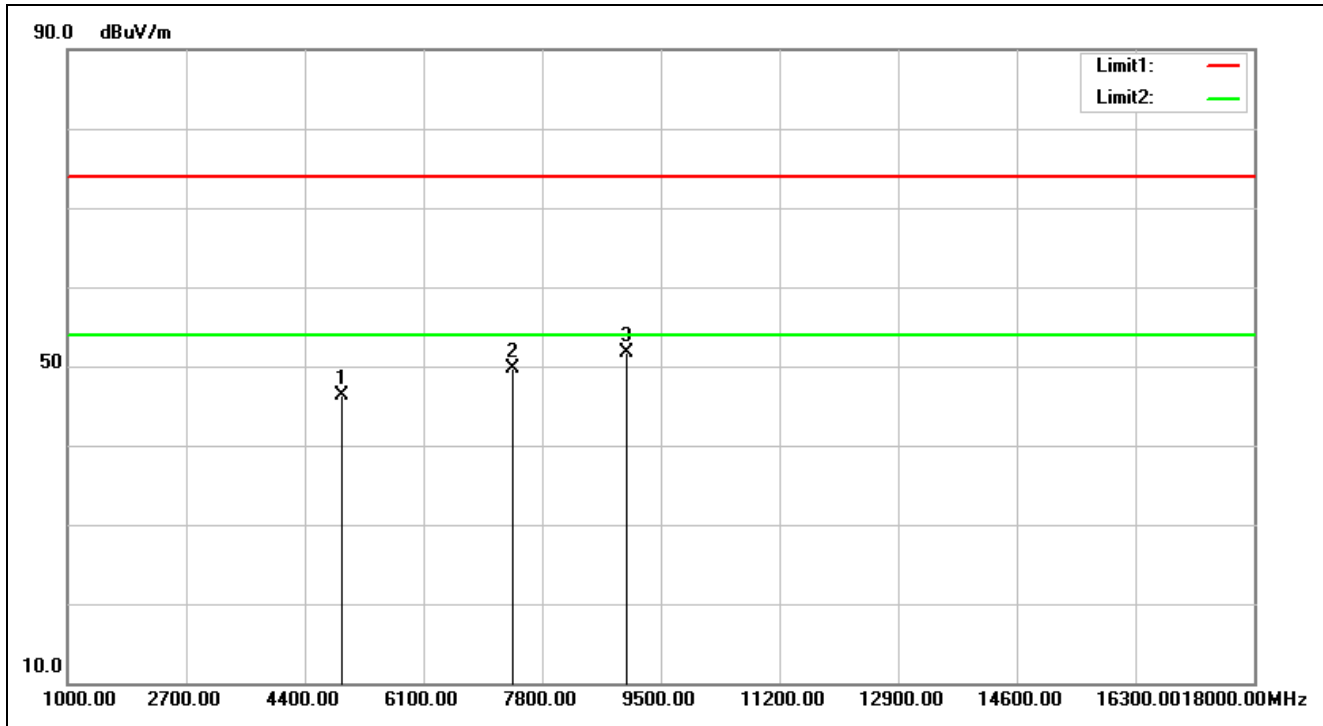
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/2/12 14:59:27
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%)	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	-2.53	48.87	46.34	74.00	-27.66	peak			
2	7311.000	5.52	44.43	49.95	74.00	-24.05	peak			
3	9041.000	6.45	45.22	51.67	74.00	-22.33	peak	100	2	



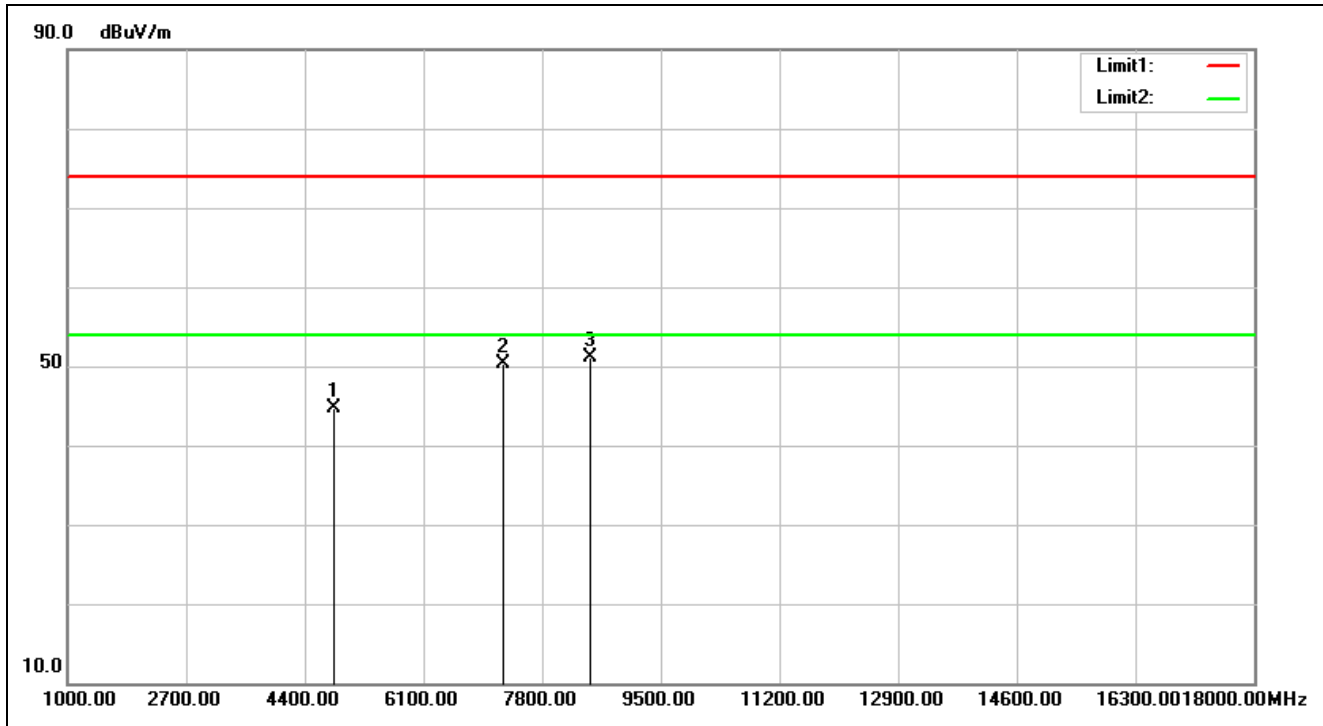
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/2/12 15:03:18
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%):	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	49.50	47.11	74.00	-26.89	peak			
2	7386.000	5.70	44.27	49.97	74.00	-24.03	peak			
3	8837.000	6.42	45.27	51.69	74.00	-22.31	peak	100	335	



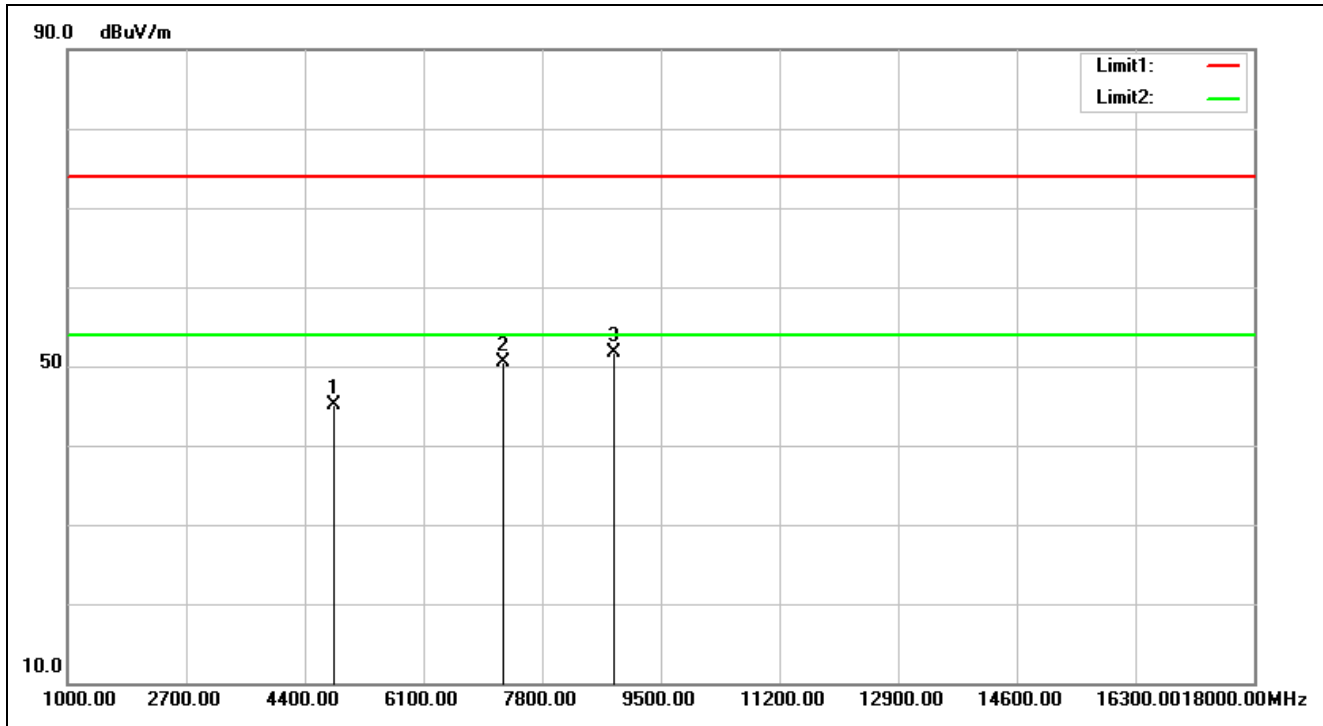
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/2/12 15:04:14
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%):	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	48.69	46.30	74.00	-27.70	peak			
2	7386.000	5.70	44.09	49.79	74.00	-24.21	peak			
3	9007.000	6.44	45.28	51.72	74.00	-22.28	peak	100	106	



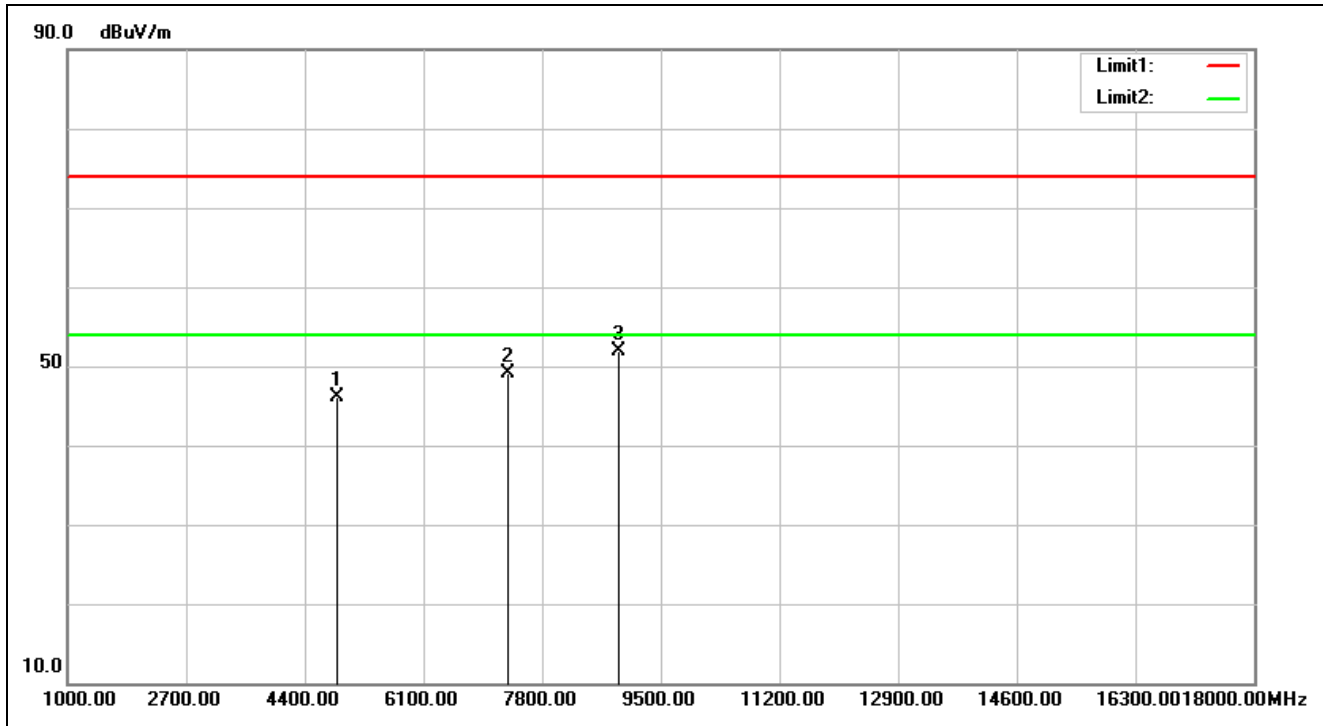
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/2/12 15:08:28
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%):	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	-2.66	47.42	44.76	74.00	-29.24	peak			
2	7236.000	5.32	44.92	50.24	74.00	-23.76	peak			
3	8497.000	6.38	44.69	51.07	74.00	-22.93	peak	100	0	



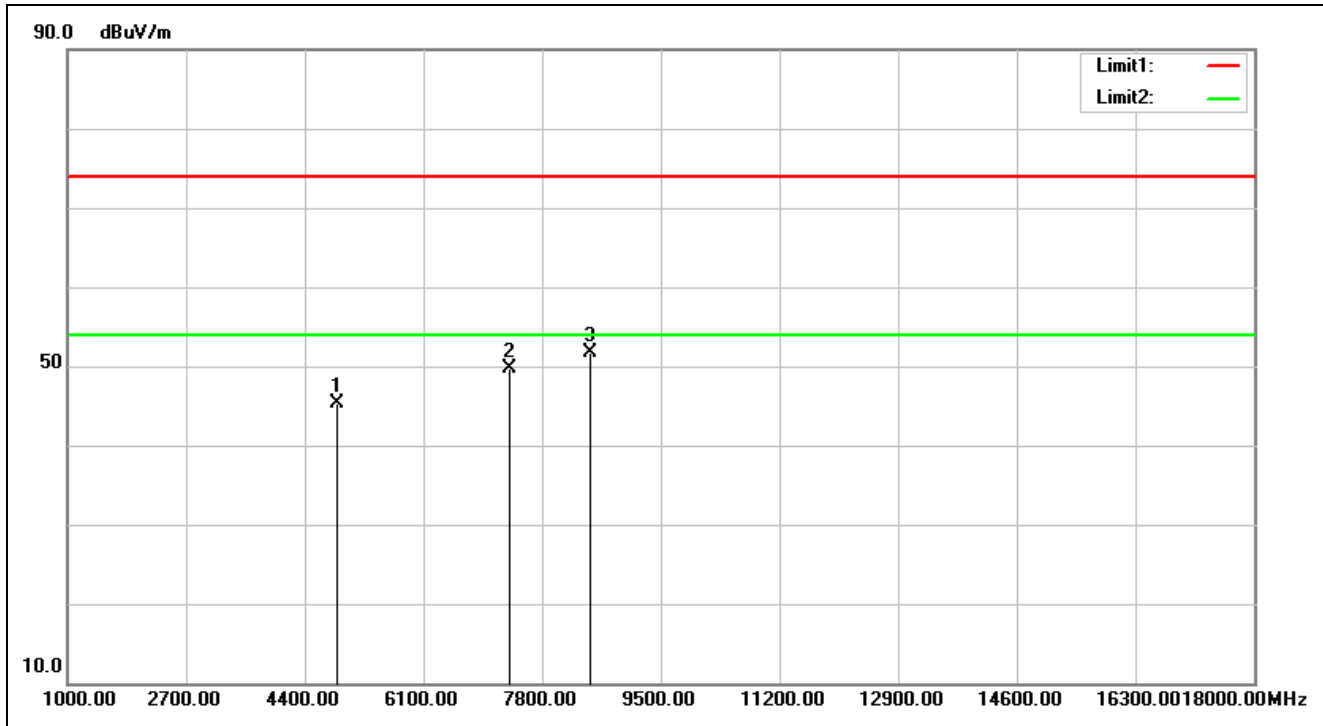
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/2/12 15:09:25
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%):	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	-2.66	47.78	45.12	74.00	-28.88	peak			
2	7236.000	5.32	45.22	50.54	74.00	-23.46	peak			
3	8837.000	6.42	45.26	51.68	74.00	-22.32	peak	100	150	



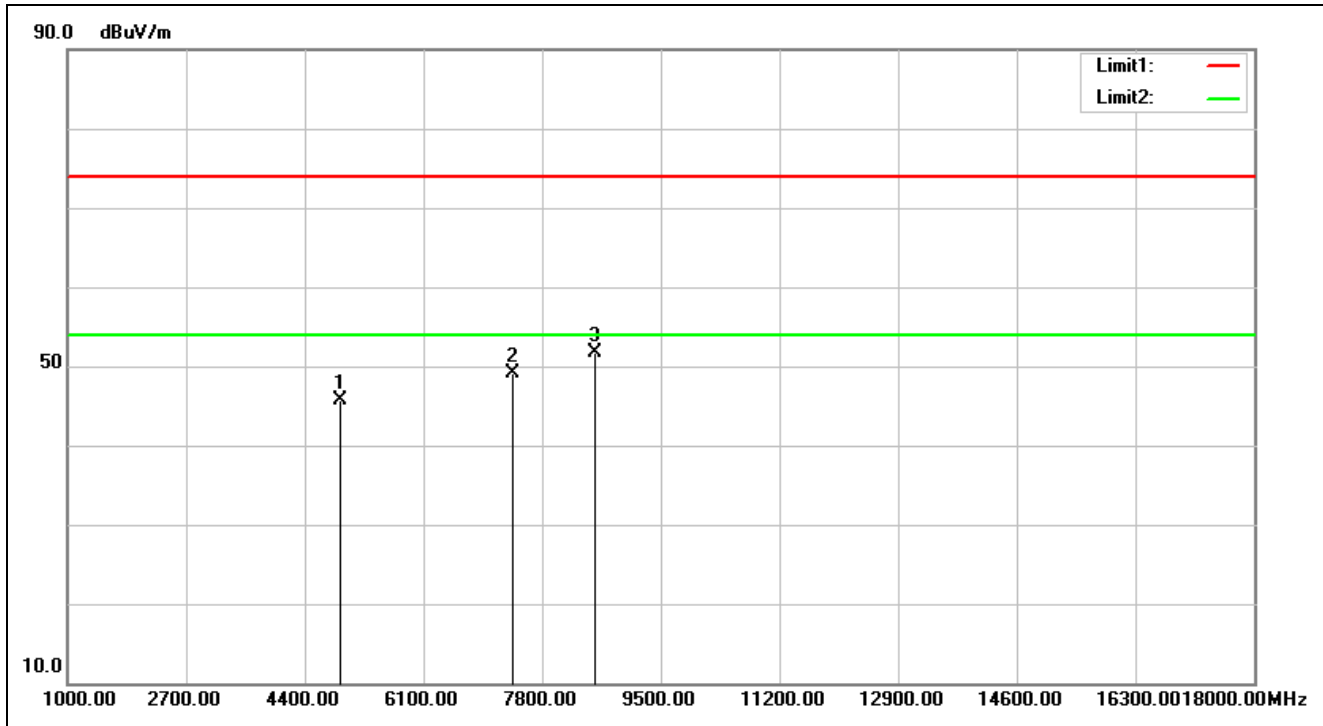
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/2/12 15:12:18
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%):	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	-2.53	48.73	46.20	74.00	-27.80	peak			
2	7311.000	5.52	43.59	49.11	74.00	-24.89	peak			
3	8905.000	6.42	45.43	51.85	74.00	-22.15	peak	100	109	



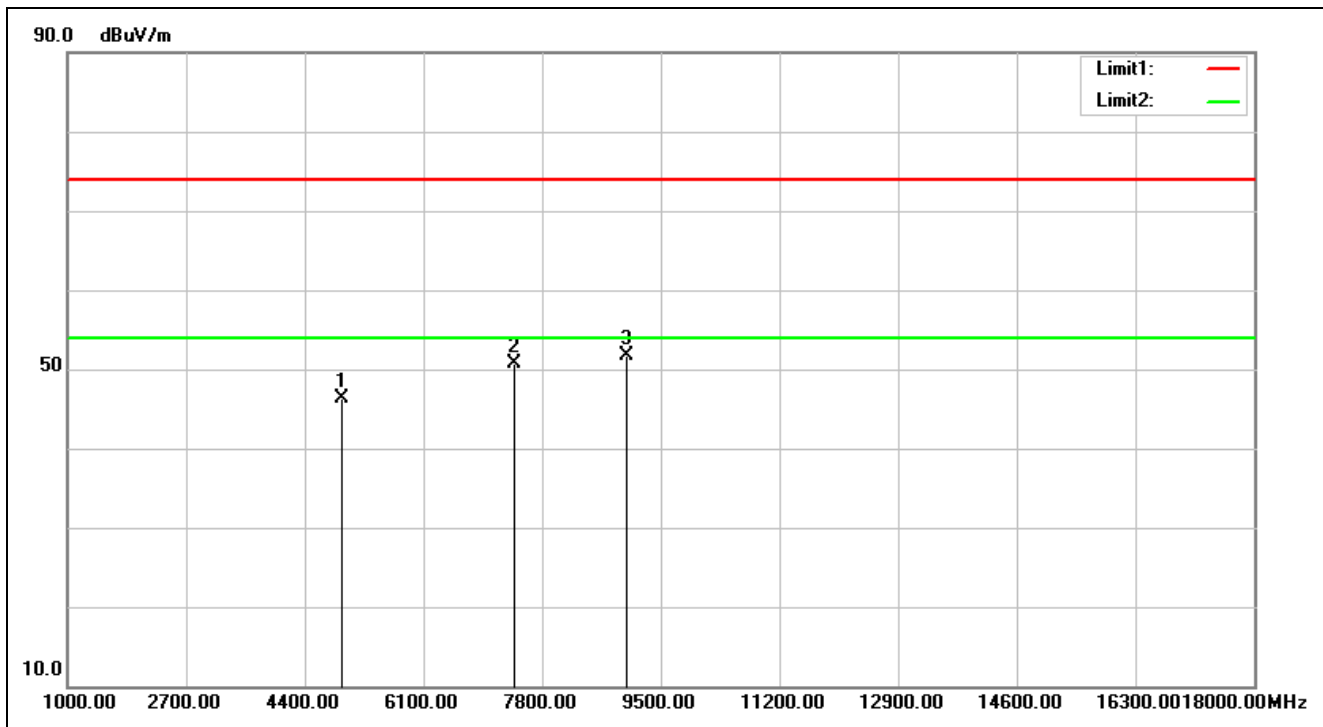
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/2/12 15:13:15
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%)	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	-2.53	47.93	45.40	74.00	-28.60	peak			
2	7311.000	5.52	44.25	49.77	74.00	-24.23	peak			
3	8480.000	6.35	45.29	51.64	74.00	-22.36	peak	100	281	



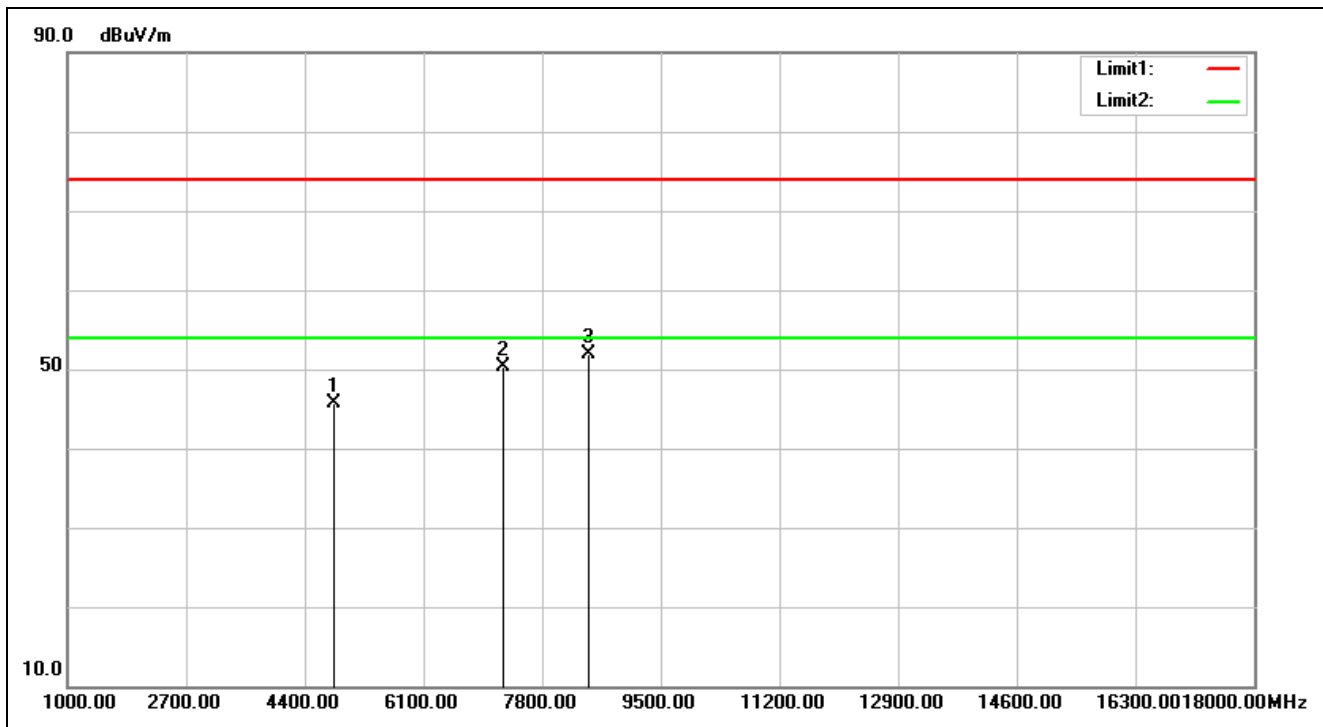
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/2/12 15:15:25
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%):	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	48.19	45.80	74.00	-28.20	peak			
2	7386.000	5.70	43.44	49.14	74.00	-24.86	peak			
3	8565.000	6.39	45.34	51.73	74.00	-22.27	peak	100	258	



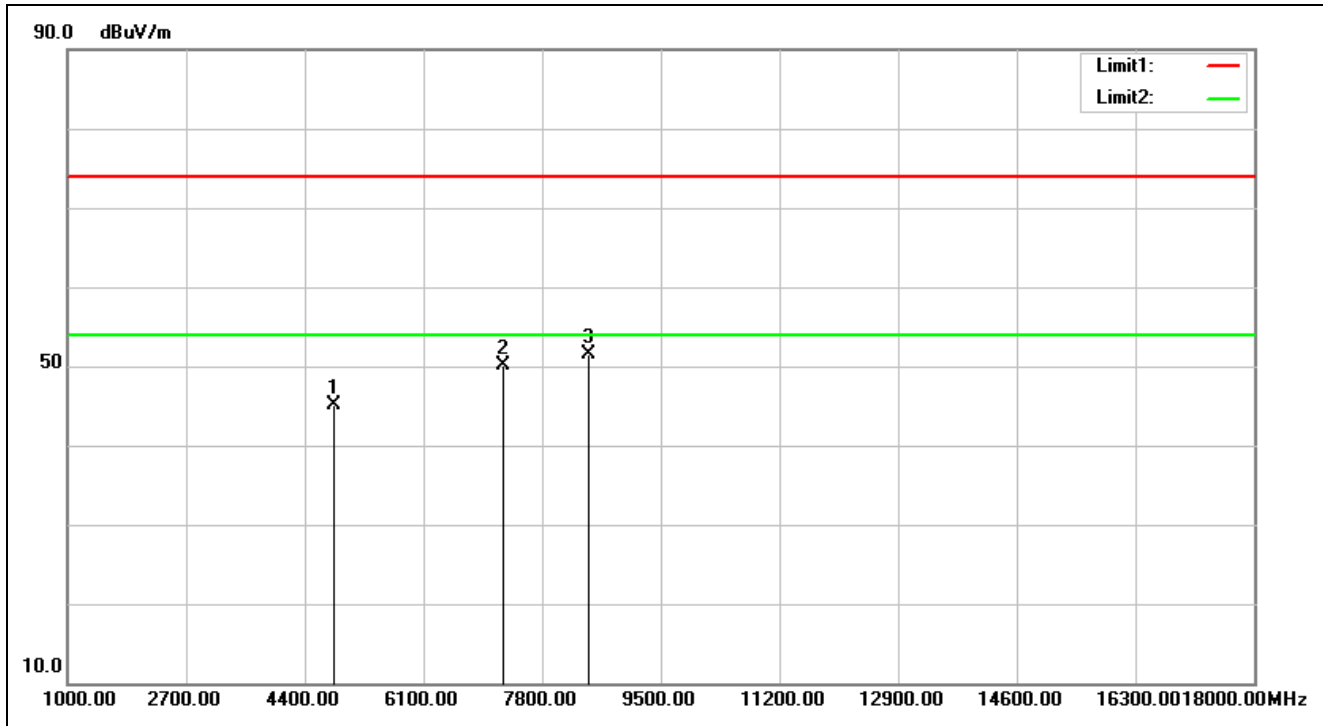
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/2/12 15:16:21
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%):	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	48.79	46.40	74.00	-27.60	peak			
2	7386.000	5.70	44.92	50.62	74.00	-23.38	peak			
3	9007.000	6.44	45.31	51.75	74.00	-22.25	peak	100	188	



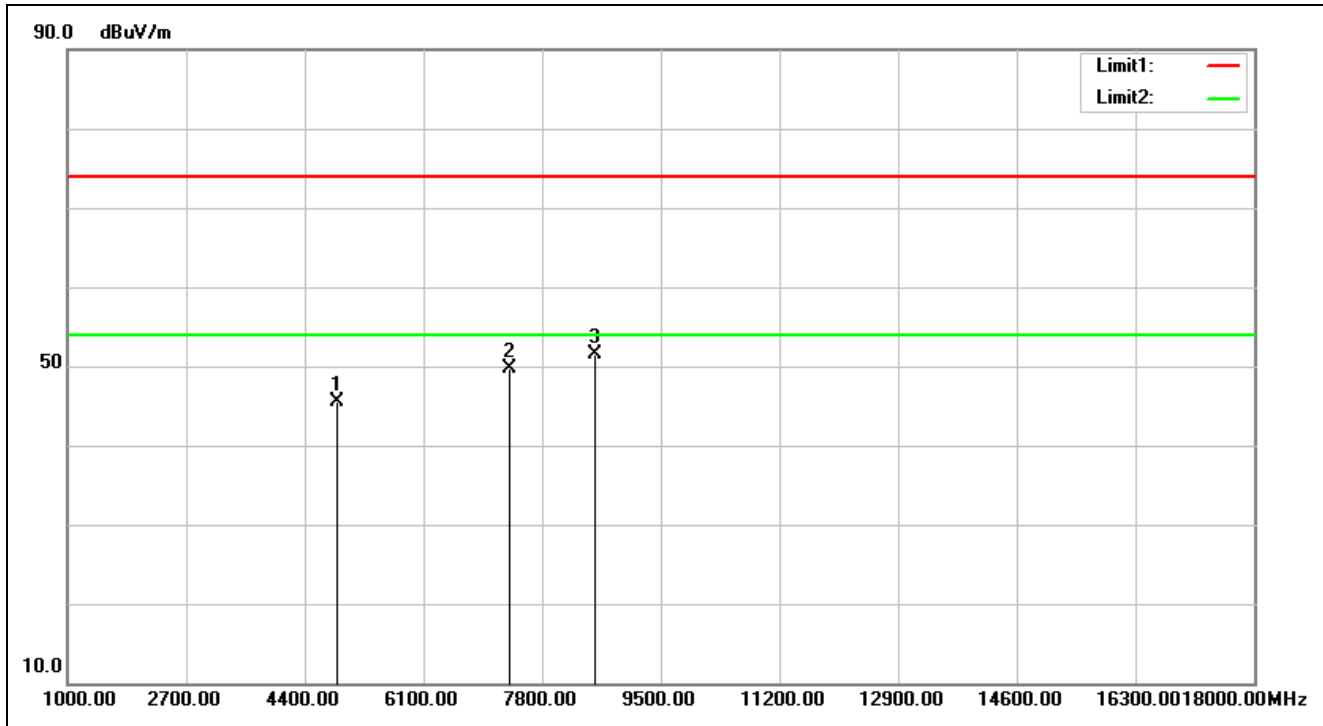
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/2/12 15:19:05
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%):	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
Test Mode:	N20-2412-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	-2.66	48.31	45.65	74.00	-28.35	peak			
2	7236.000	5.32	45.03	50.35	74.00	-23.65	peak			
3	8463.000	6.34	45.60	51.94	74.00	-22.06	peak	100	311	



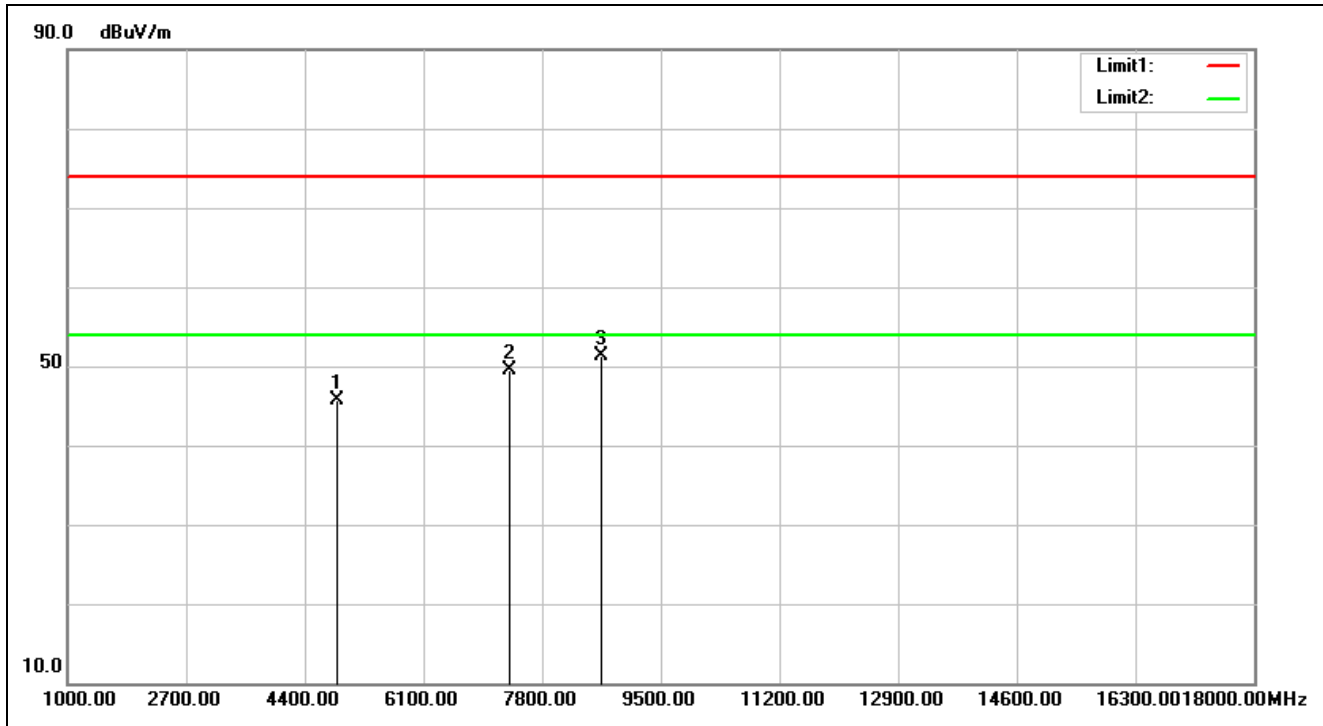
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/2/12 15:20:01
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%):	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
Test Mode:	N20-2412-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	-2.66	47.81	45.15	74.00	-28.85	peak			
2	7236.000	5.32	44.84	50.16	74.00	-23.84	peak			
3	8463.000	6.34	45.18	51.52	74.00	-22.48	peak	100	99	



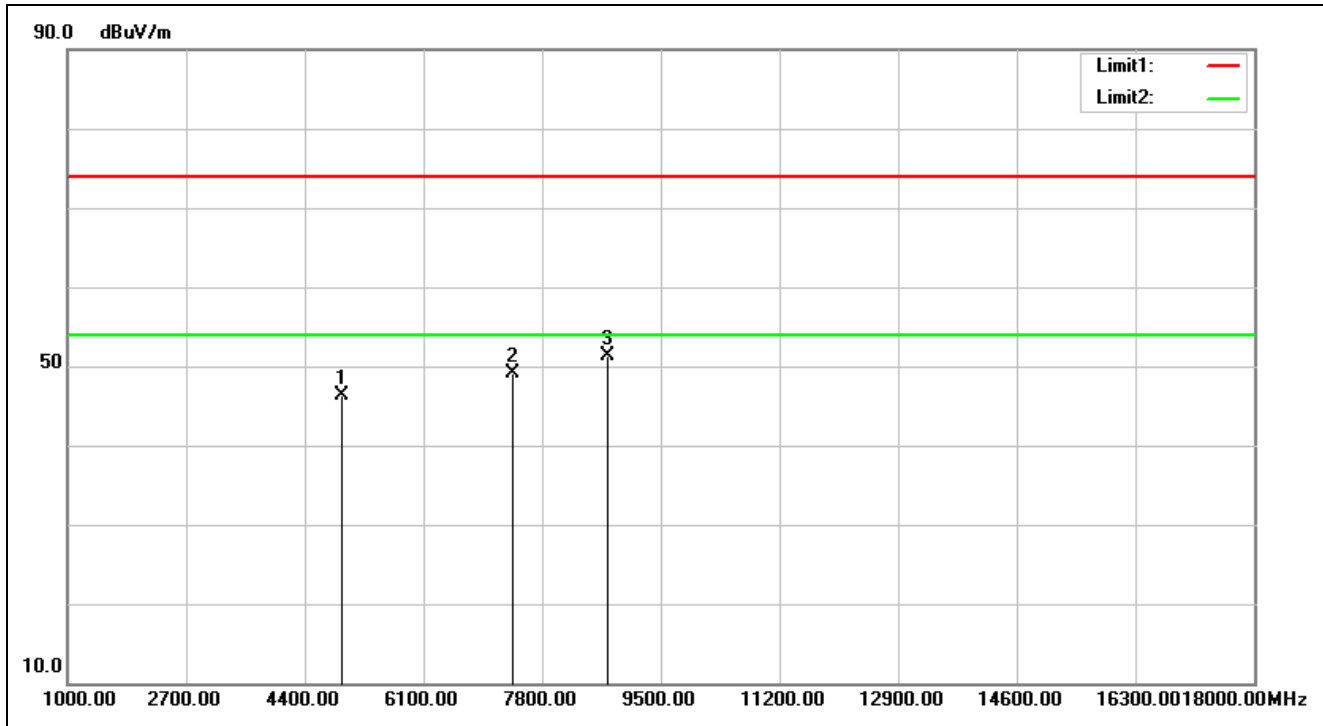
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/2/12 15:53:16
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%)	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
Test Mode:	N20-2437-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	-2.53	48.06	45.53	74.00	-28.47	peak			
2	7311.000	5.52	44.15	49.67	74.00	-24.33	peak			
3	8565.000	6.39	45.21	51.60	74.00	-22.40	peak	100	358	



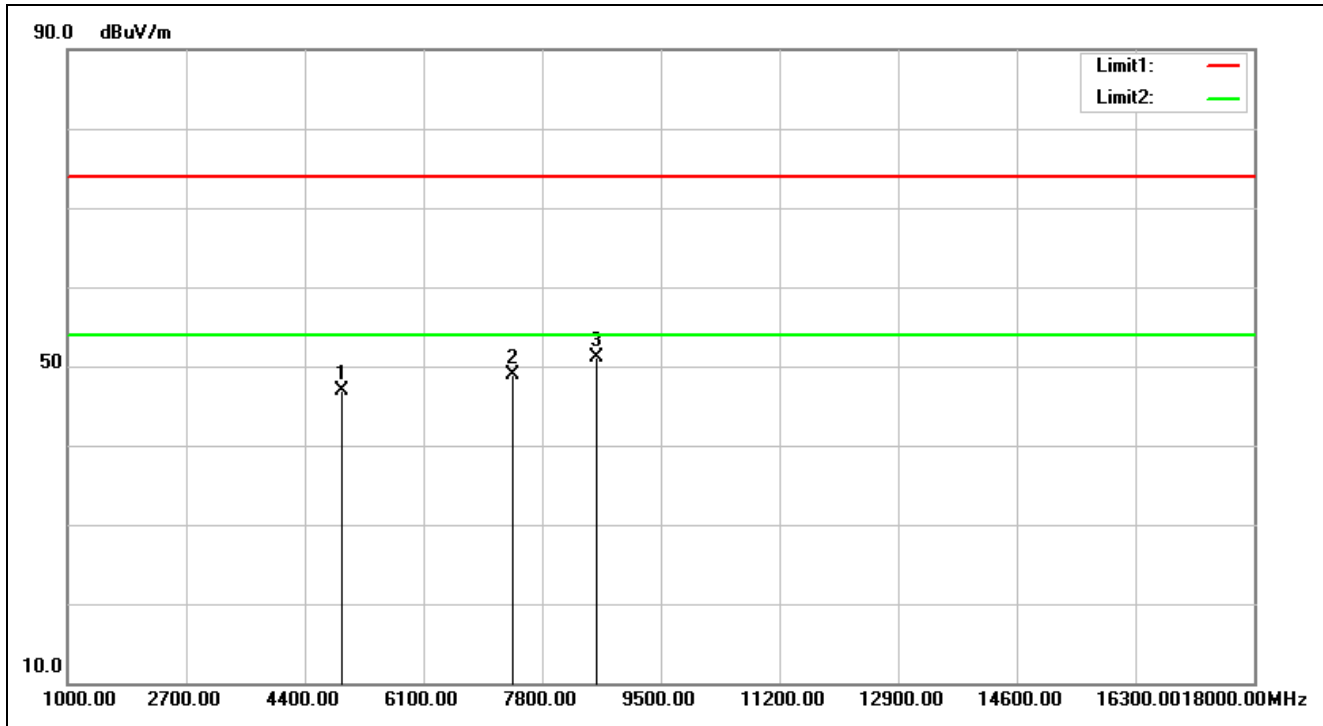
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/2/12 15:54:13
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%)	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
Test Mode:	N20-2437-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	-2.53	48.29	45.76	74.00	-28.24	peak			
2	7311.000	5.52	44.07	49.59	74.00	-24.41	peak			
3	8650.000	6.40	44.98	51.38	74.00	-22.62	peak	100	335	



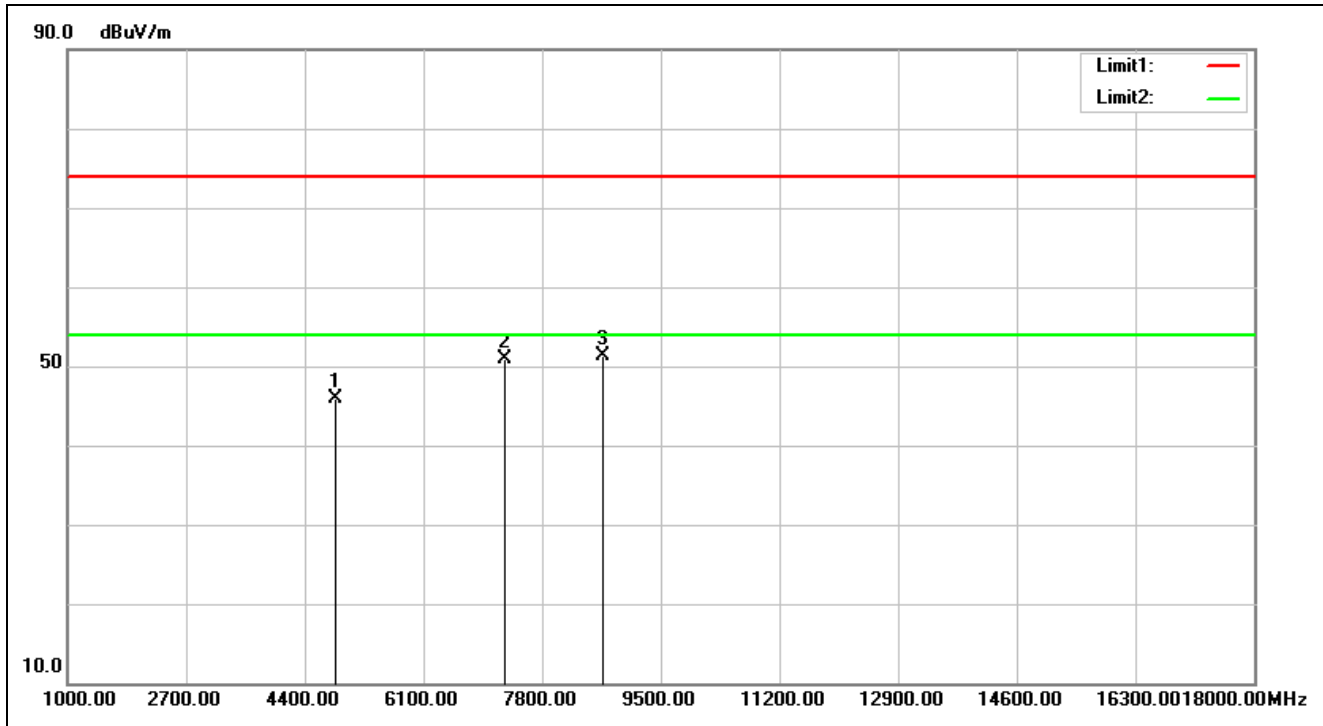
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/2/12 15:57:06
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%)	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
Test Mode:	N20-2462-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	48.60	46.21	74.00	-27.79	peak			
2	7386.000	5.70	43.37	49.07	74.00	-24.93	peak			
3	8735.000	6.40	44.92	51.32	74.00	-22.68	peak	100	10	



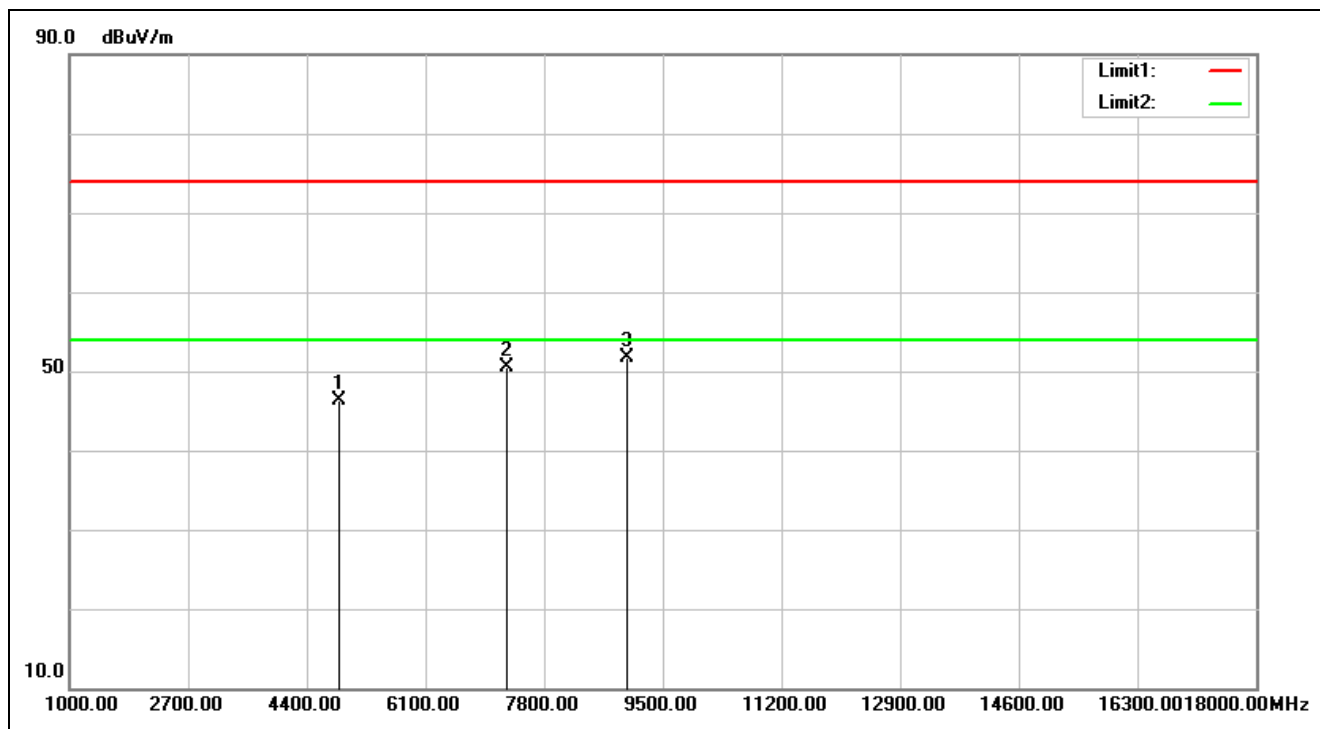
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/2/12 15:58:02
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%)	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
Test Mode:	N20-2462-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	49.26	46.87	74.00	-27.13	peak			
2	7386.000	5.70	43.25	48.95	74.00	-25.05	peak			
3	8582.000	6.39	44.74	51.13	74.00	-22.87	peak	100	65	



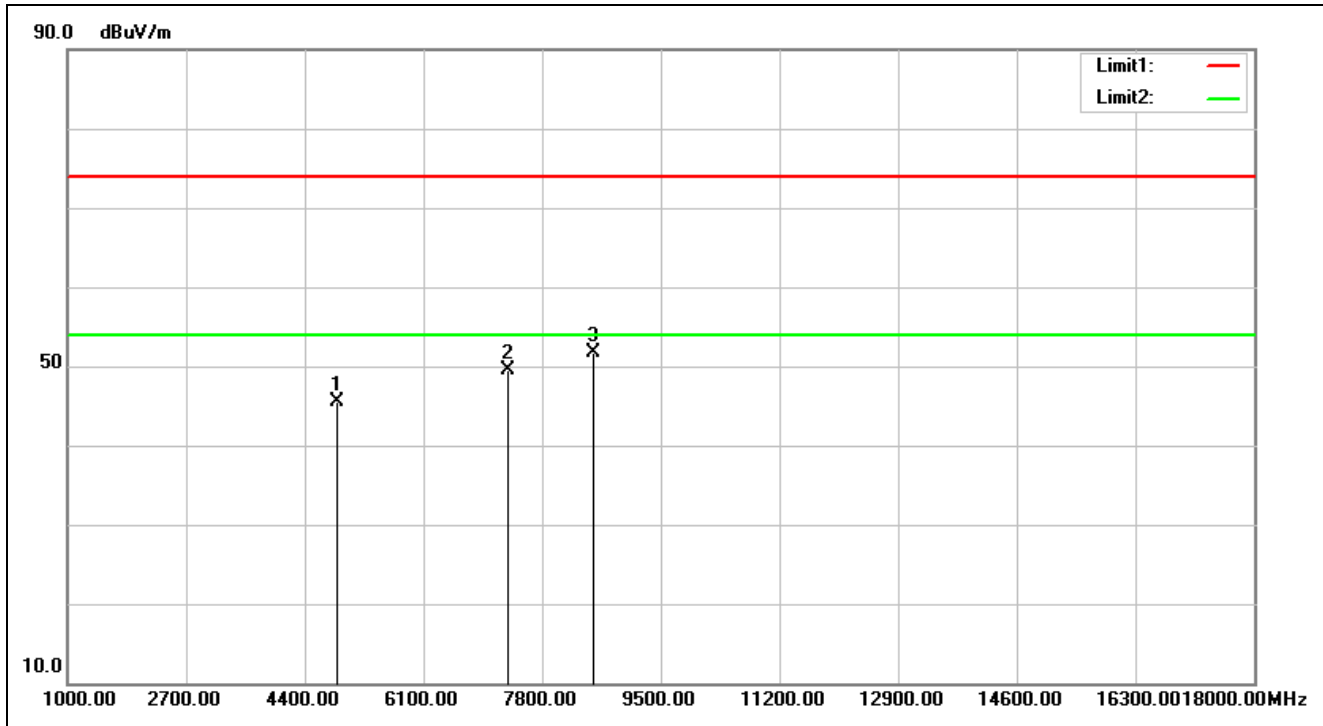
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/2/12 16:02:02
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%)	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
Test Mode:	N40-2422-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4844.000	-2.61	48.53	45.92	74.00	-28.08	peak			
2	7266.000	5.40	45.48	50.88	74.00	-23.12	peak			
3	8667.000	6.40	45.00	51.40	74.00	-22.60	peak	100	204	



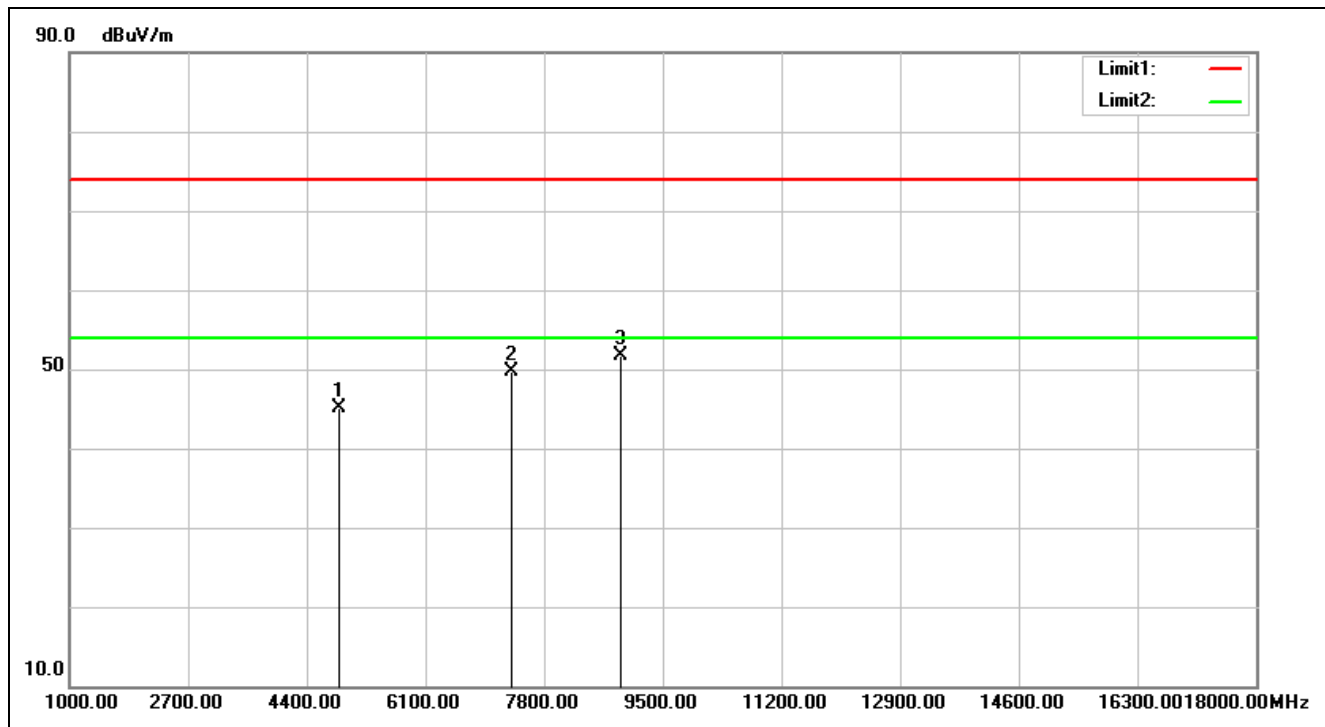
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/2/12 16:02:58
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%):	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
Test Mode:	N40-2422-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4844.000	-2.61	48.85	46.24	74.00	-27.76	peak			
2	7266.000	5.40	45.08	50.48	74.00	-23.52	peak			
3	8990.000	6.44	45.18	51.62	74.00	-22.38	peak	100	2	



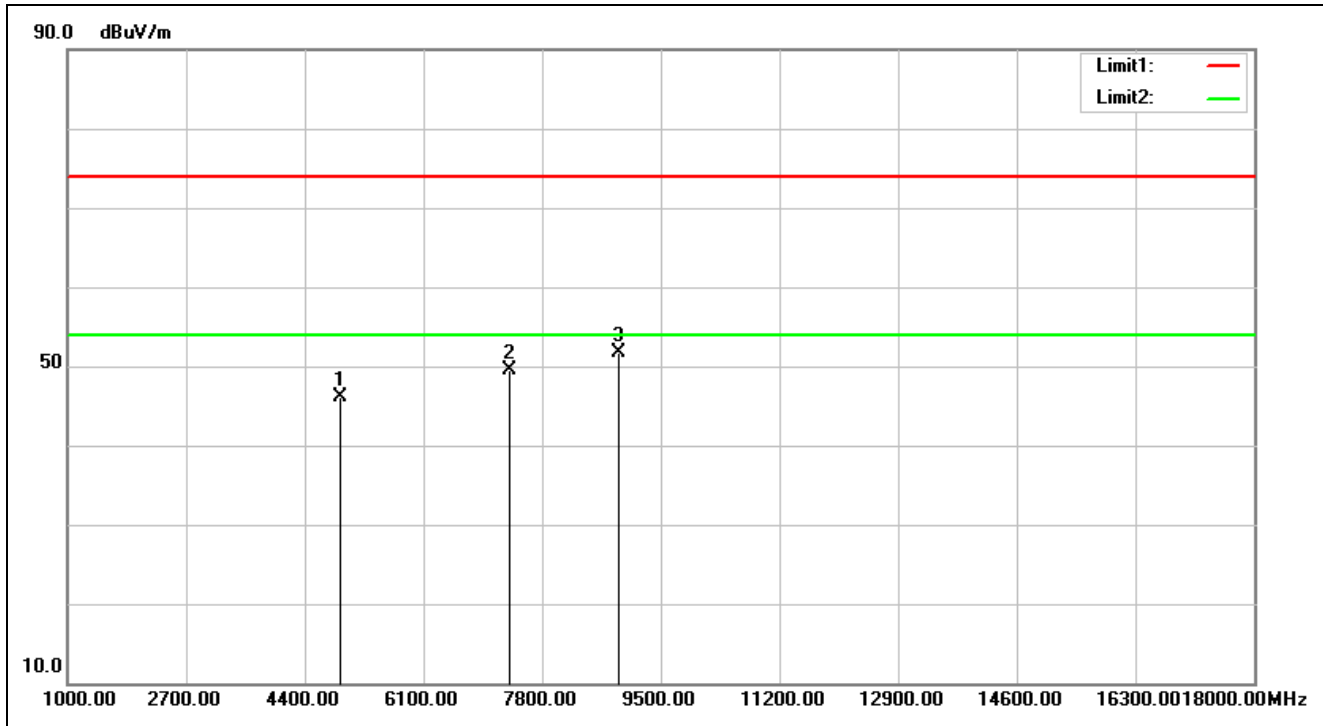
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/2/12 16:06:48
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%)	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
Test Mode:	N40-2437-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	-2.53	48.13	45.60	74.00	-28.40	peak			
2	7311.000	5.52	44.06	49.58	74.00	-24.42	peak			
3	8531.000	6.38	45.36	51.74	74.00	-22.26	peak	100	335	



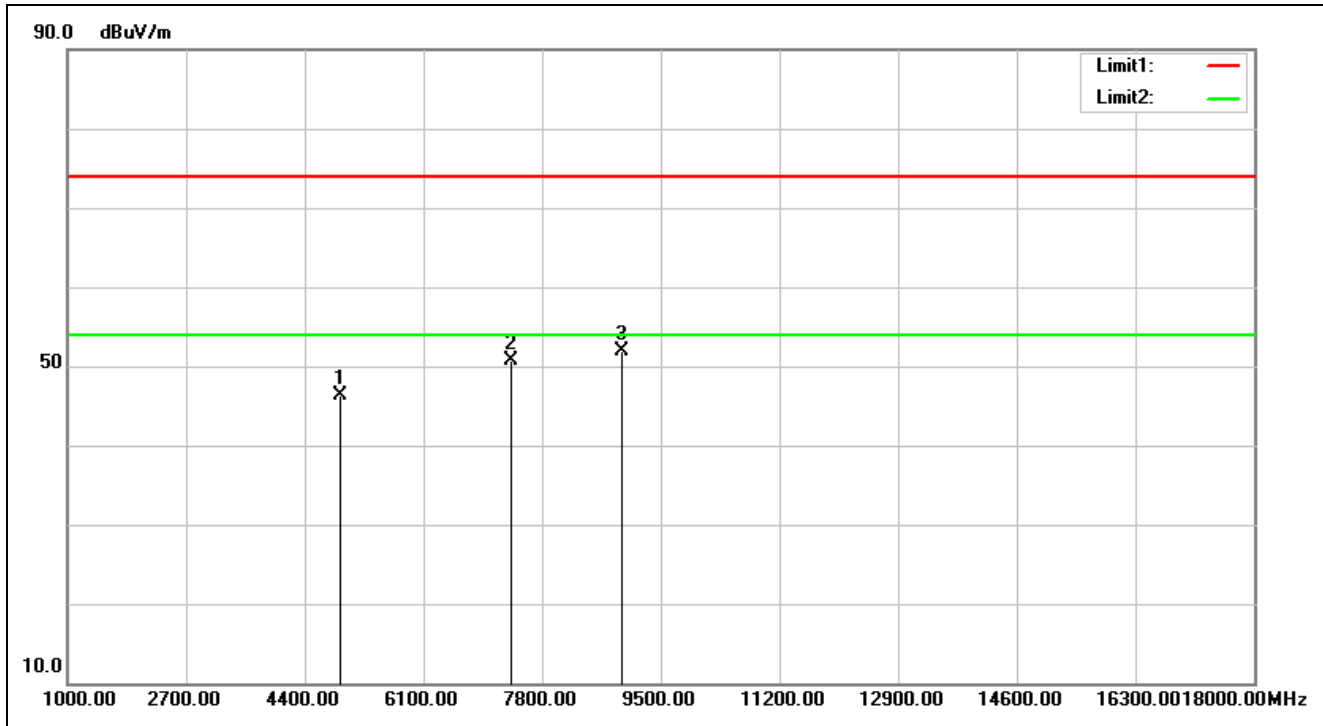
Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/2/12 16:07:44
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%):	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
Test Mode:	N40-2437-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	-2.53	47.65	45.12	74.00	-28.88	peak			
2	7311.000	5.52	44.24	49.76	74.00	-24.24	peak			
3	8905.000	6.42	45.22	51.64	74.00	-22.36	peak	100	140	



Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/2/12 16:10:49
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%):	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
Test Mode:	N40-2452-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4904.000	-2.44	48.48	46.04	74.00	-27.96	peak			
2	7356.000	5.63	43.82	49.45	74.00	-24.55	peak			
3	8905.000	6.42	45.26	51.68	74.00	-22.32	peak	100	88	



Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/2/12 16:11:45
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%):	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
Test Mode:	N40-2452-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4904.000	-2.44	48.75	46.31	74.00	-27.69	peak			
2	7356.000	5.63	45.02	50.65	74.00	-23.35	peak			
3	8939.000	6.43	45.38	51.81	74.00	-22.19	peak	100	231	

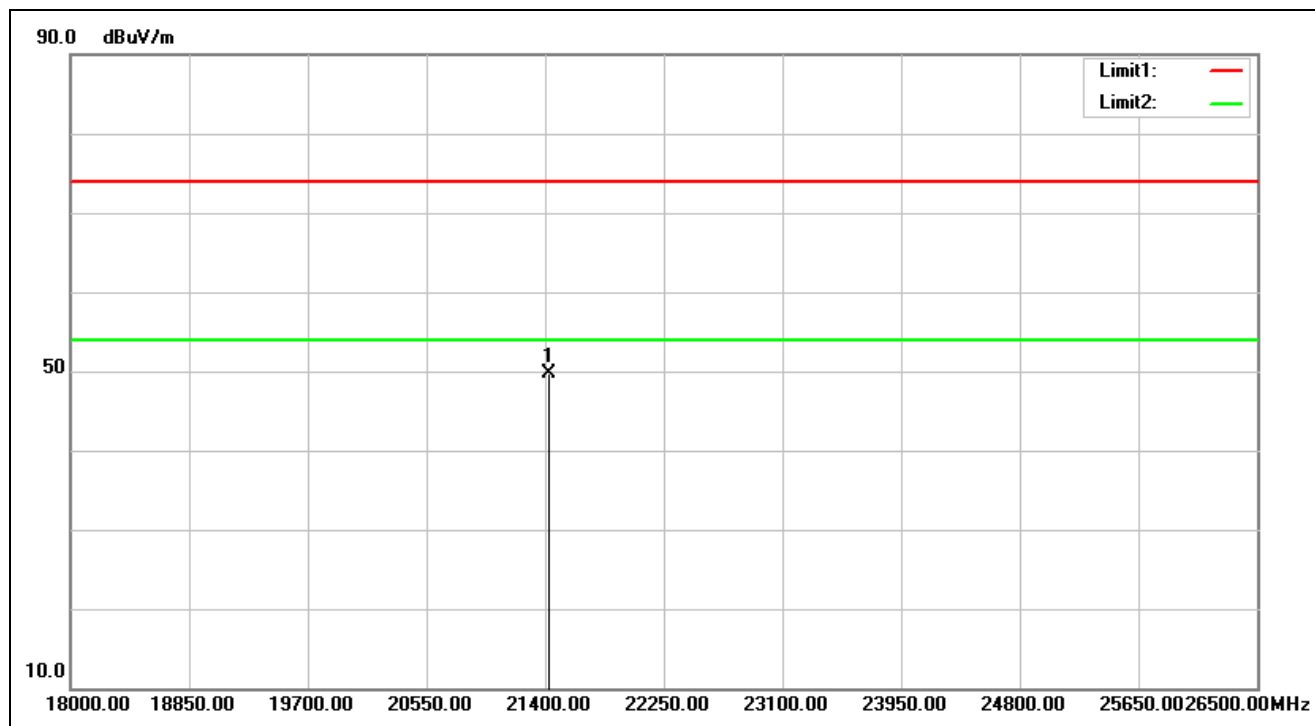
Spurious Emissions, TX Mode, 18-26G



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Service No.:	114073301(Wirnet iFemtoCell 923)-NCC	Test Distance:	3m
	WLAN		
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/2/12 16:48:59
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%):	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	21425.500	32.19	17.43	49.62	74.00	-24.38	peak		0	

Spurious Emissions, TX Mode, 9k-30M

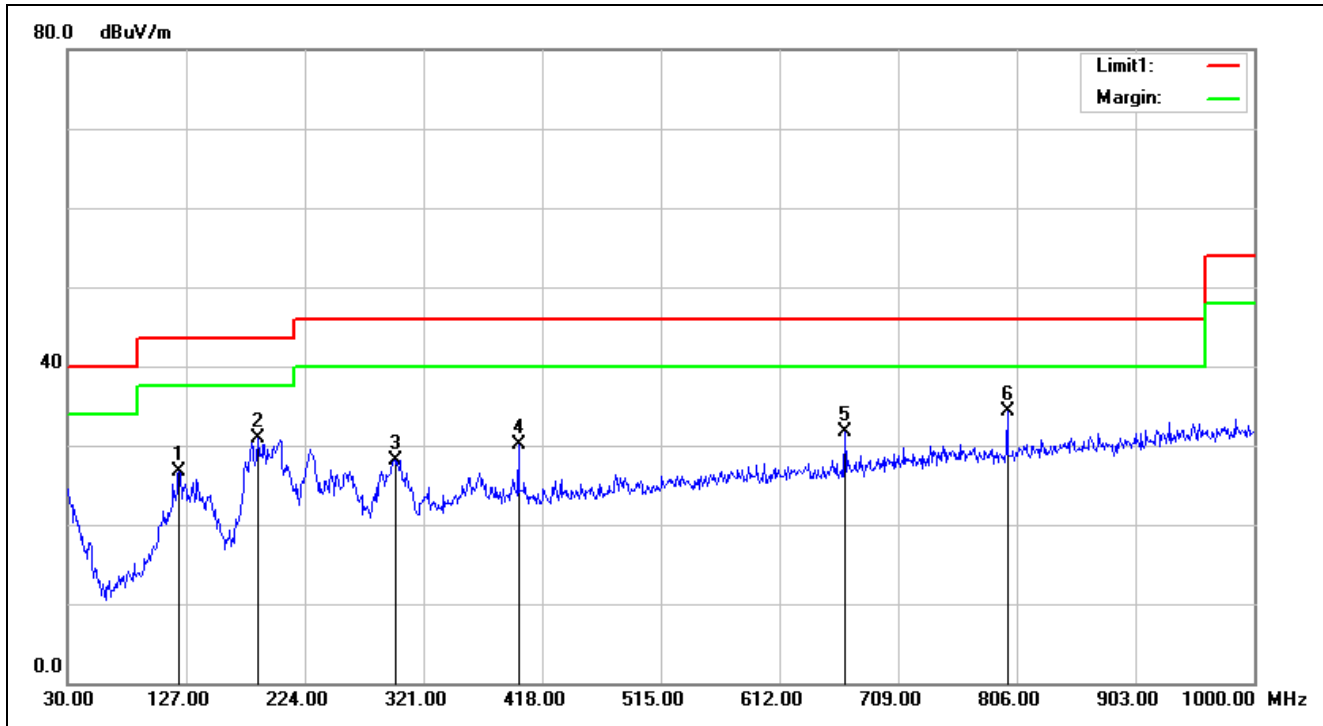
Spurious Emissions, TX Mode, 30M-1G



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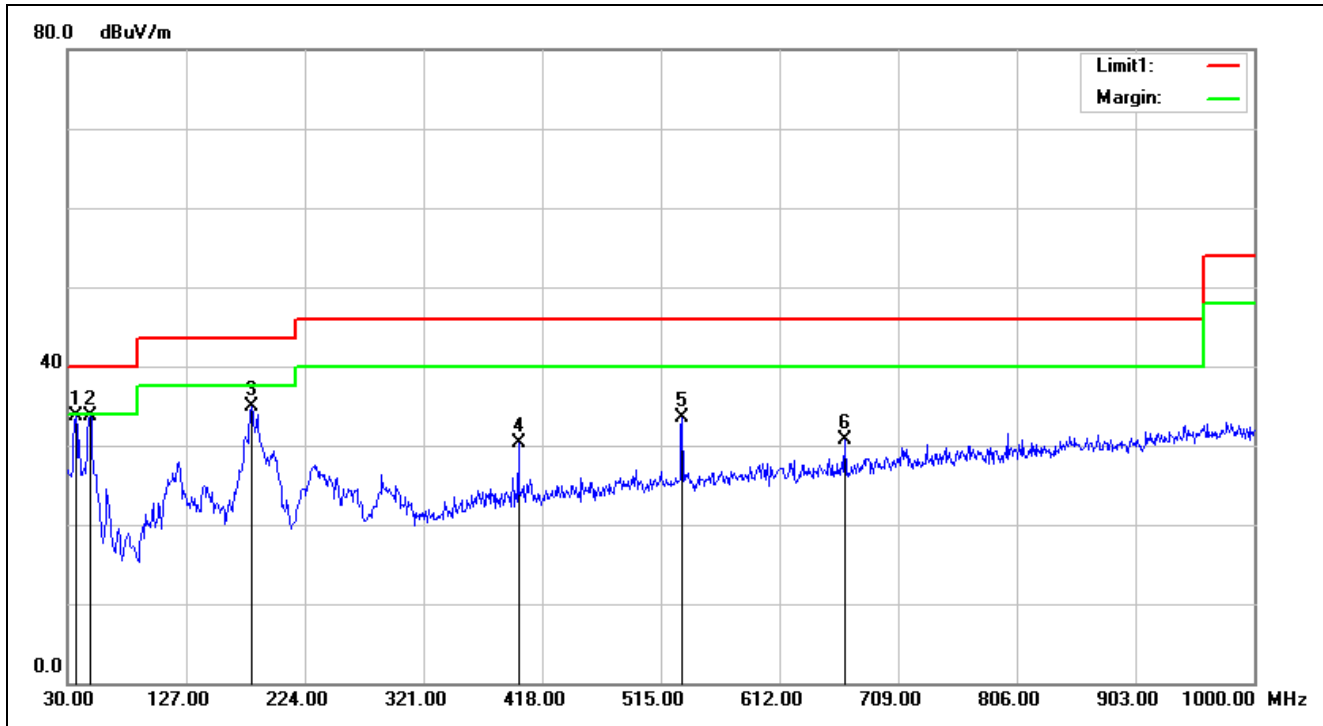
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/2/12 17:17:14
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%)	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	121.1800	-7.42	34.10	26.68	43.50	-16.82	QP	100	263	
2	186.1699	-9.59	40.54	30.95	43.50	-12.55	QP	100	64	
3	297.7200	-4.62	32.74	28.12	46.00	-17.88	QP	100	148	
4	398.6000	-2.45	32.59	30.14	46.00	-15.86	QP	100	211	
5	665.3500	0.74	30.96	31.70	46.00	-14.30	QP	100	193	
6	798.2400	2.76	31.58	34.34	46.00	-11.66	QP	100	196	

Spurious Emissions, RX Mode, 30M-1G



Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/2/12 17:18:11
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%)	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	36.7900	-4.08	37.83	33.75	40.00	-6.25	QP	100	1	
2	48.4300	-10.55	44.35	33.80	40.00	-6.20	QP	100	315	
3	180.3500	-9.63	44.44	34.81	43.50	-8.69	QP	100	134	
4	398.6000	-2.45	32.82	30.37	46.00	-15.63	QP	100	173	
5	532.4600	-0.70	34.29	33.59	46.00	-12.41	QP	100	107	
6	665.3500	0.74	30.04	30.78	46.00	-15.22	QP	100	192	

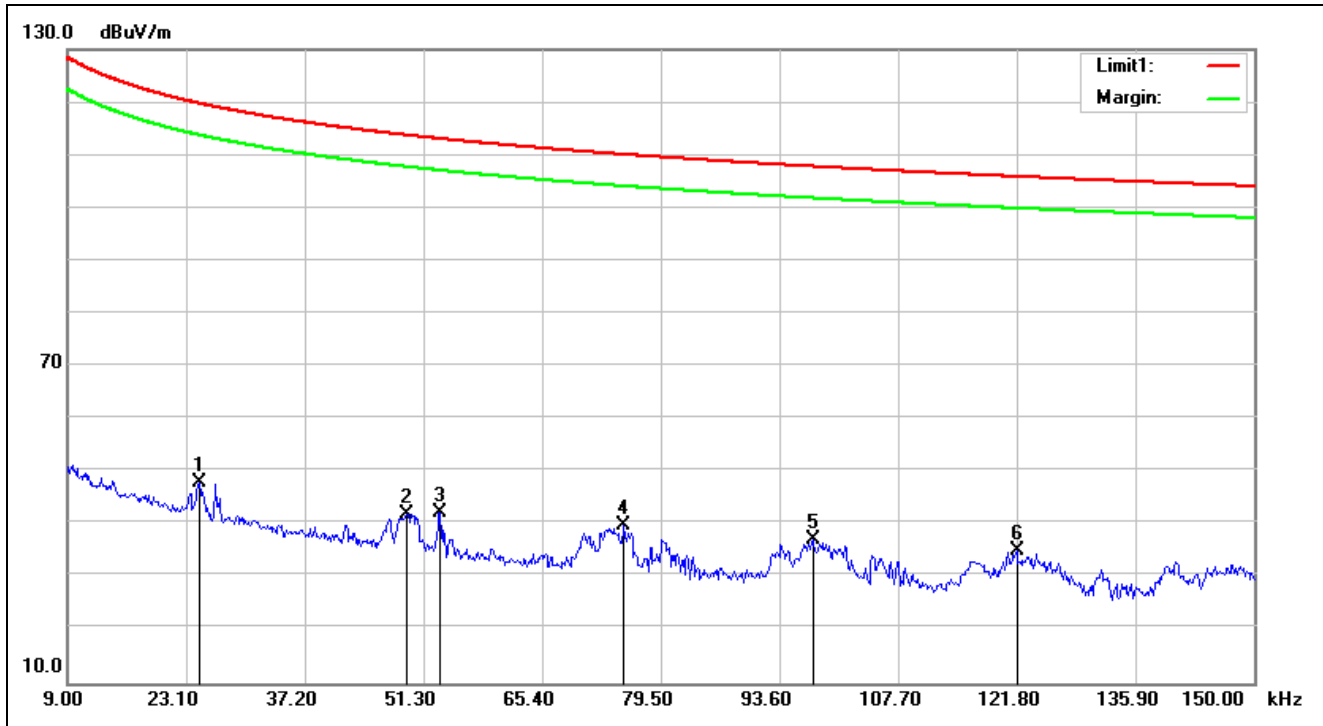
Spurious Emissions, TX Mode, 9k-30M



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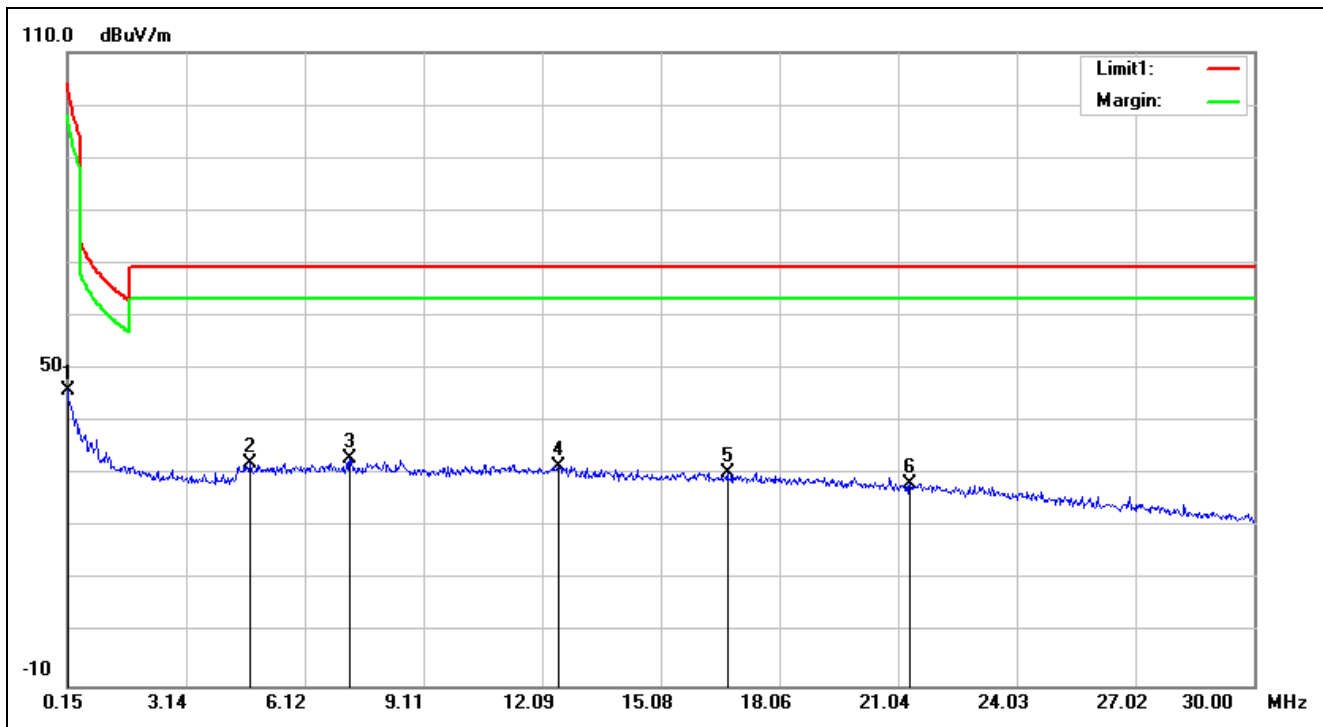
Tel: +886-2172-7000 fax: +886-2528-0018



Service No.:	114073301(Wirnet iFemtoCell 923)-NCC	Test Distance:	3m
	WLAN		
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/2/12 17:54:27
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%):	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	0.0246	20.08	27.94	48.02	119.77	-71.75	QP	100	100	
2	0.0493	19.45	22.53	41.98	113.74	-71.76	QP	100	100	
3	0.0532	19.41	22.88	42.29	113.08	-70.79	QP	100	244	
4	0.0751	19.28	20.55	39.83	110.08	-70.25	QP	100	247	
5	0.0975	19.15	17.86	37.01	107.82	-70.81	QP	100	232	
6	0.1218	19.11	15.81	34.92	105.88	-70.96	QP	100	235	

Spurious Emissions, RX Mode, 30M-1G



Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/2/12 17:58:20
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%)	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	0.1500	19.08	26.87	45.95	104.08	-58.13	QP	100	105	
2	4.7469	19.60	12.68	32.28	69.50	-37.22	QP	100	220	
3	7.2543	19.97	12.94	32.91	69.50	-36.59	QP	100	208	
4	12.5079	20.67	10.95	31.62	69.50	-37.88	QP	100	15	
5	16.7466	21.41	9.03	30.44	69.50	-39.06	QP	100	357	
6	21.3435	22.07	6.33	28.40	69.50	-41.10	QP	100	181	

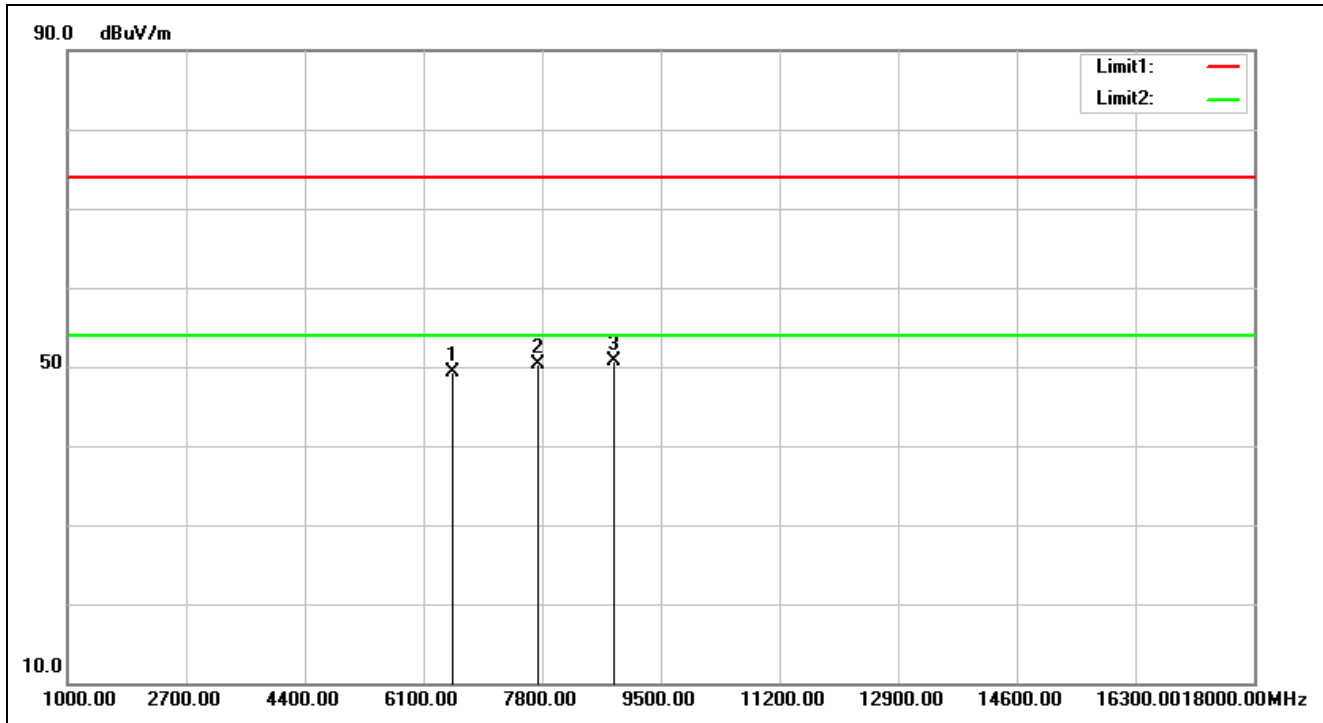
Spurious Emissions, RX Mode, 1-18G



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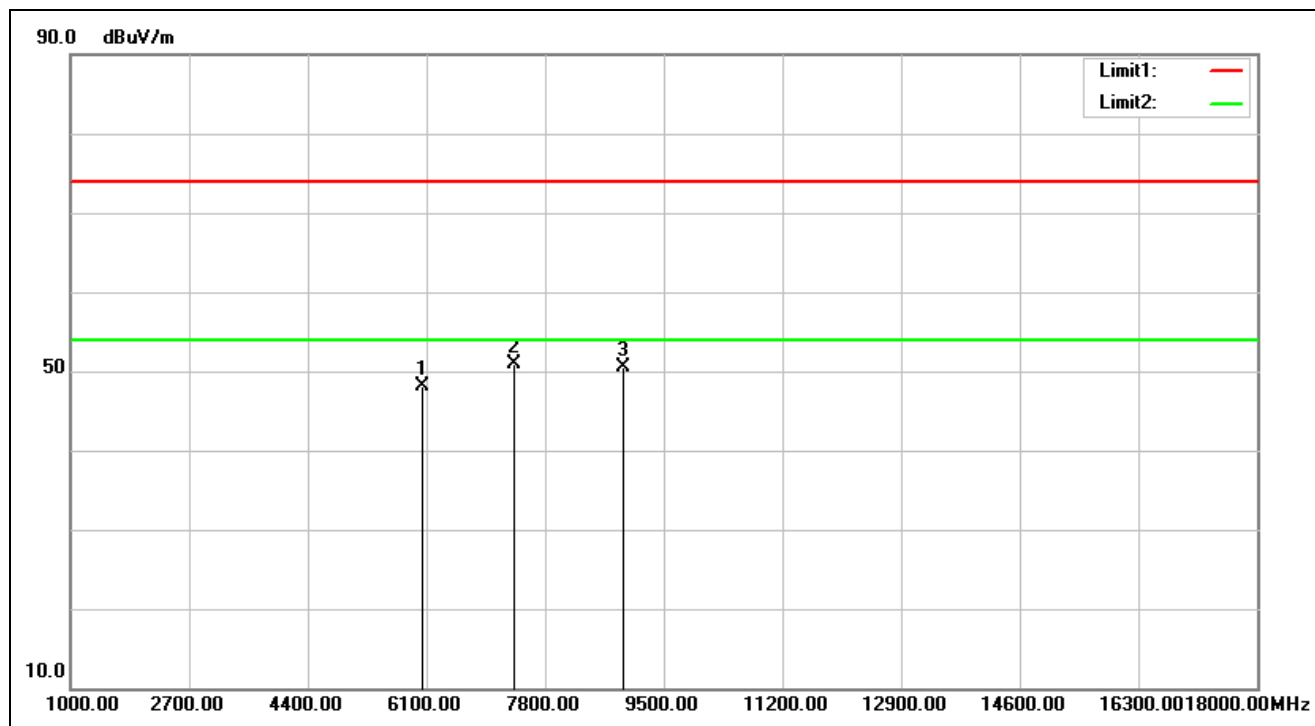
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Service No.:	114073301(Wirnet iFemtoCell 923)-NCC	Test Distance:	3m
	WLAN		
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/2/12 16:38:13
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%):	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	6525.000	4.29	44.93	49.22	74.00	-24.78	peak	100	297	
2	7749.000	4.86	45.48	50.34	74.00	-23.66	peak	100	34	
3	8837.000	5.38	45.32	50.70	74.00	-23.30	peak	100	166	

Spurious Emissions, RX Mode, 30M-1G



Service No.:	114073301(Wirnet iFemtoCell 923)-NCC	Test Distance:	3m
	WLAN		
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/2/12 16:39:10
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%)	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	6049.000	2.55	45.53	48.08	74.00	-25.92	peak	100	357	
2	7358.000	4.59	46.33	50.92	74.00	-23.08	peak	100	360	
3	8922.000	5.38	45.15	50.53	74.00	-23.47	peak	100	1	

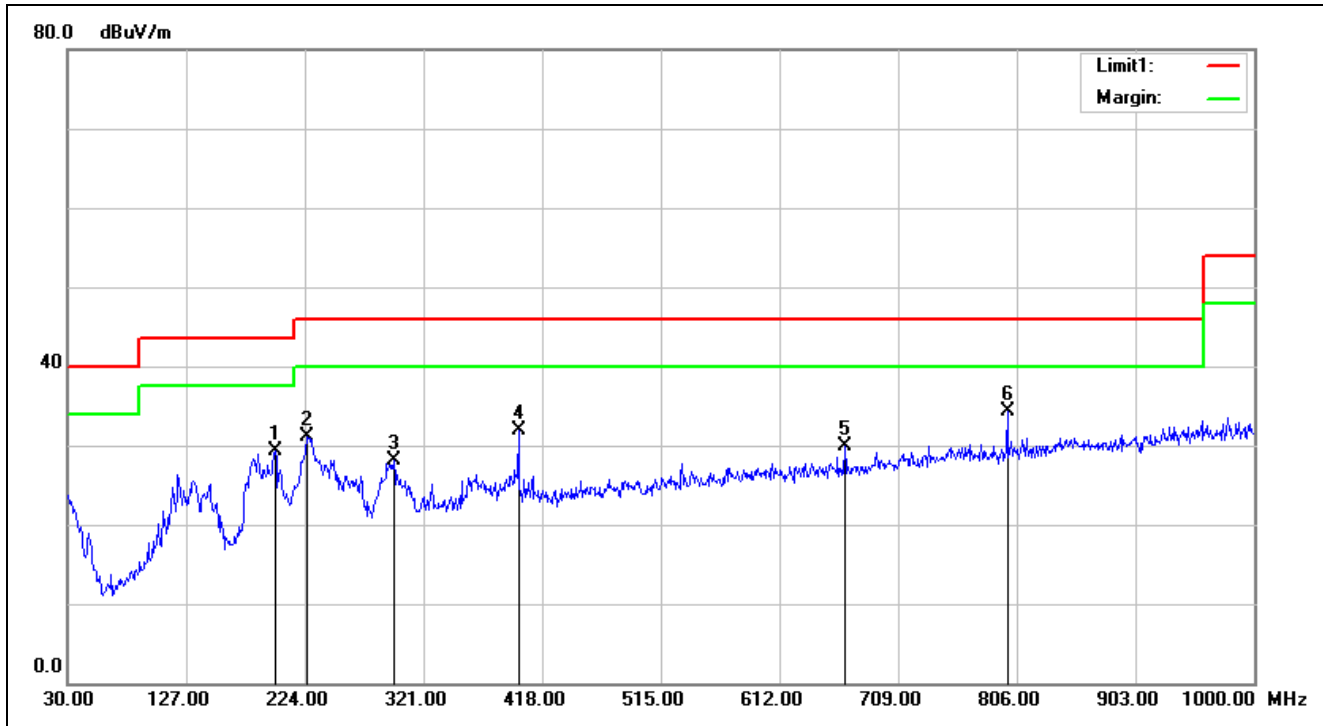
Spurious Emissions, RX Mode, 30M-1G



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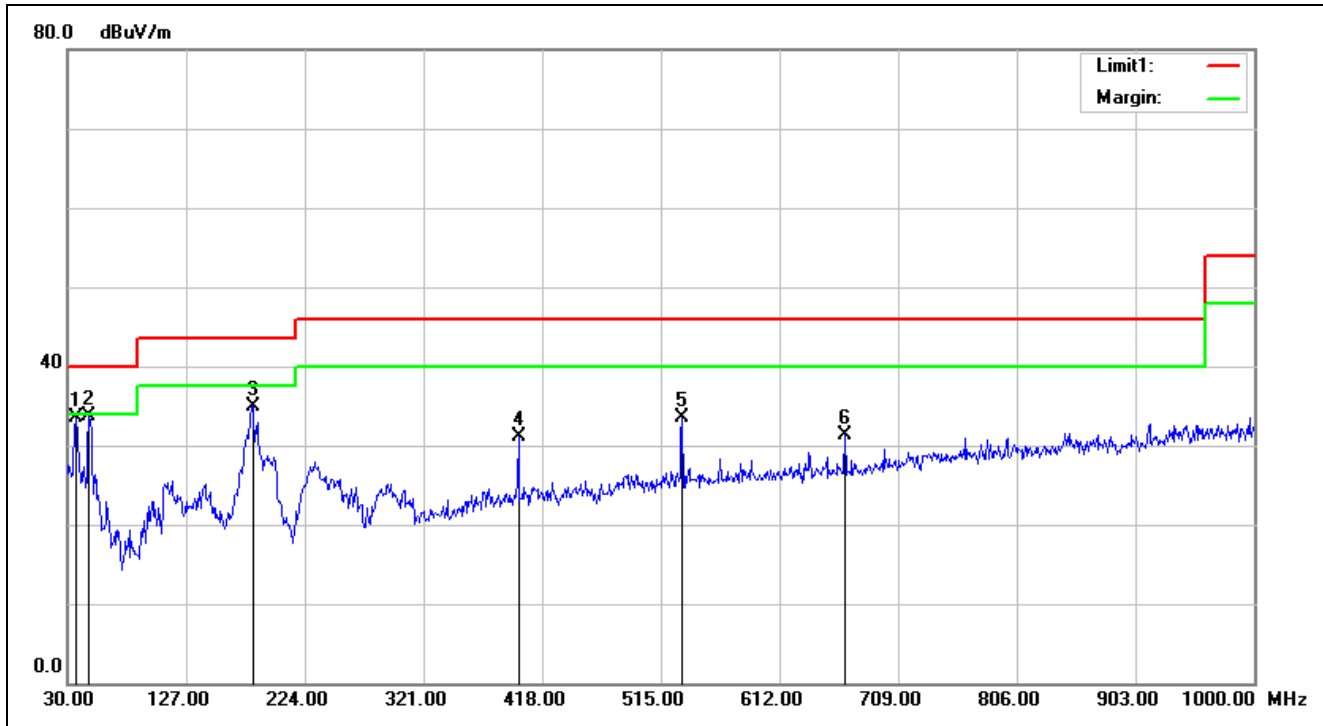
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Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/2/12 17:20:29
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%)	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	199.7500	-8.90	38.17	29.27	43.50	-14.23	QP	100	109	
2	225.9400	-7.86	38.89	31.03	46.00	-14.97	QP	100	250	
3	296.7500	-4.65	32.71	28.06	46.00	-17.94	QP	100	154	
4	398.6000	-2.45	34.43	31.98	46.00	-14.02	QP	100	215	
5	665.3500	0.74	29.24	29.98	46.00	-16.02	QP	100	308	
6	798.2400	2.76	31.58	34.34	46.00	-11.66	QP	100	193	

Spurious Emissions, RX Mode, 30M-1G



Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/2/12 17:21:26
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%)	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	36.7900	-4.08	37.68	33.60	40.00	-6.40	QP	100	342	
2	47.4600	-10.07	43.75	33.68	40.00	-6.32	QP	100	312	
3	181.3200	-9.62	44.60	34.98	43.50	-8.52	QP	100	101	
4	398.6000	-2.45	33.57	31.12	46.00	-14.88	QP	100	179	
5	532.4600	-0.70	34.20	33.50	46.00	-12.50	QP	100	92	
6	665.3500	0.74	30.52	31.26	46.00	-14.74	QP	100	192	

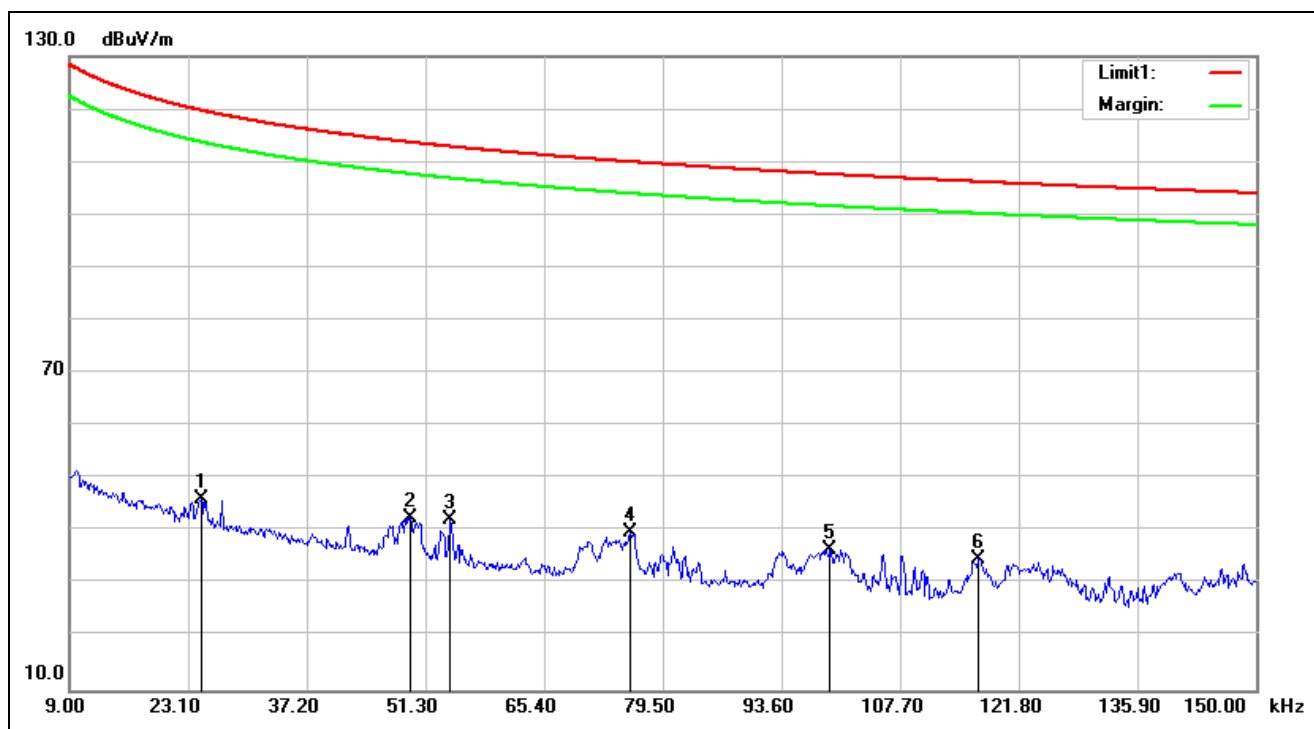
Spurious Emissions, RX Mode, 9K-30M



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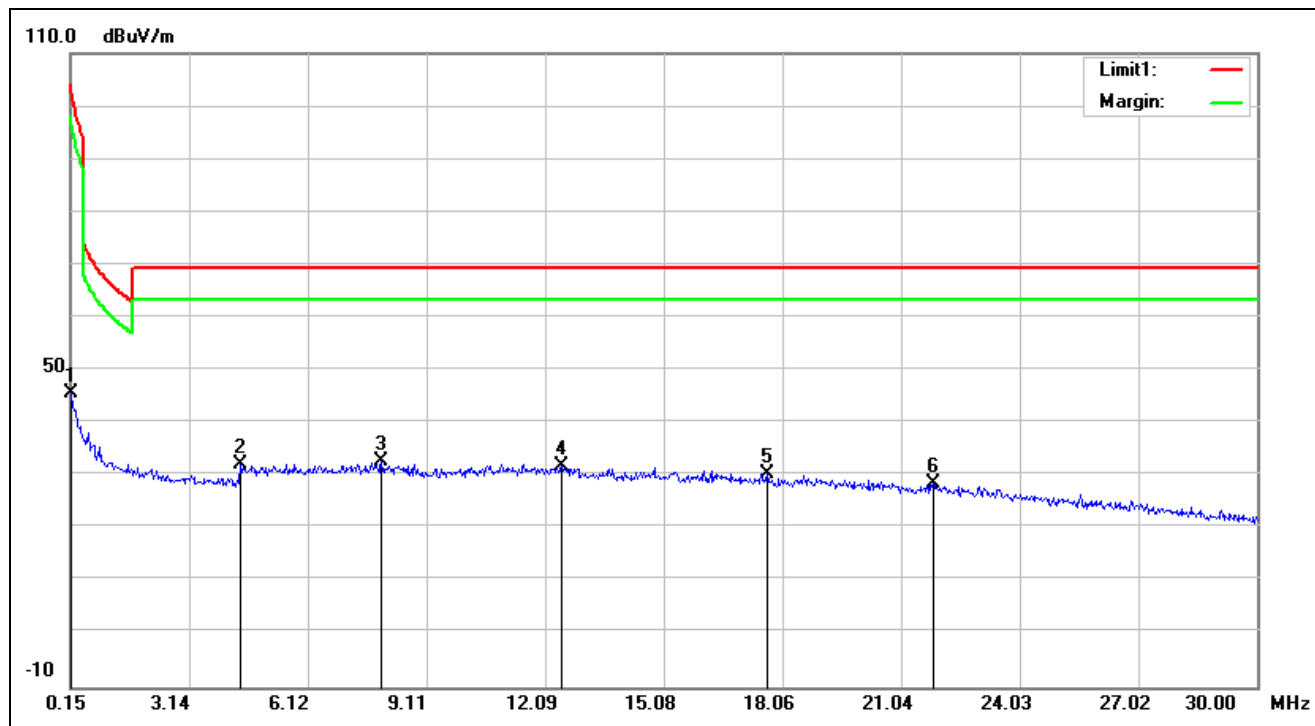
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Service No.:	114073301(Wirnet iFemtoCell 923)-NCC WLAN	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/2/12 17:55:25
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%):	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	0.0246	20.08	26.00	46.08	119.77	-73.69	QP	100	230	
2	0.0494	19.45	23.15	42.60	113.72	-71.12	QP	100	224	
3	0.0542	19.40	22.86	42.26	112.91	-70.65	QP	100	246	
4	0.0756	19.28	20.61	39.89	110.02	-70.13	QP	100	228	
5	0.0993	19.13	17.51	36.64	107.66	-71.02	QP	100	230	
6	0.1170	19.11	15.66	34.77	106.23	-71.46	QP	100	119	

Spurious Emissions, RX Mode, 30M-1G



Service No.:	114073301(Wirnet iFemtoCell 923)-NCC	Test Distance:	3m
	WLAN		
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/2/12 17:59:17
Applicant:	Kerlink	Test Rating:	DC 12V
Product:	Wirnet iFemtoCell gateway	Temp.(°C)/Hum.(%):	18.1(°C)/60%
Model No.:	Wirnet iFemtoCell 923	Test Engineer:	Curry Chen
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	0.1500	19.08	26.48	45.56	104.08	-58.52	QP	100	228	
2	4.4185	19.40	12.89	32.29	69.50	-37.21	QP	100	222	
3	7.9707	20.04	12.64	32.68	69.50	-36.82	QP	100	80	
4	12.5079	20.67	11.22	31.89	69.50	-37.61	QP	100	135	
5	17.6719	21.57	8.76	30.33	69.50	-39.17	QP	100	135	
6	21.8509	22.11	6.38	28.49	69.50	-41.01	QP	100	135	