

Test Report No.50140127 001

Appendix D: Radiated and Mains Spurious Emission Data

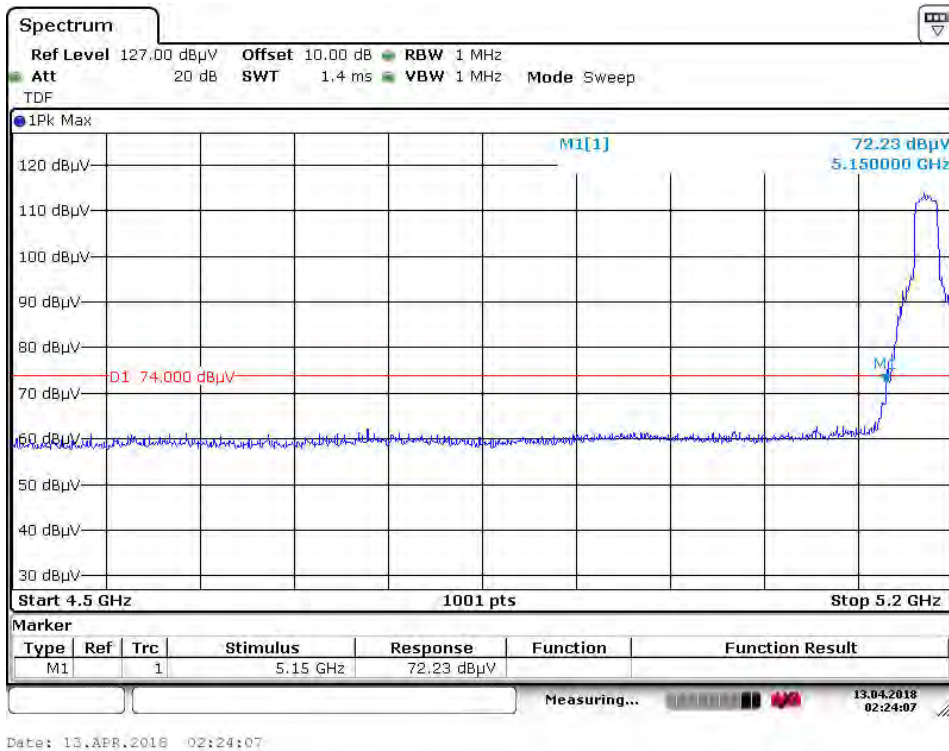
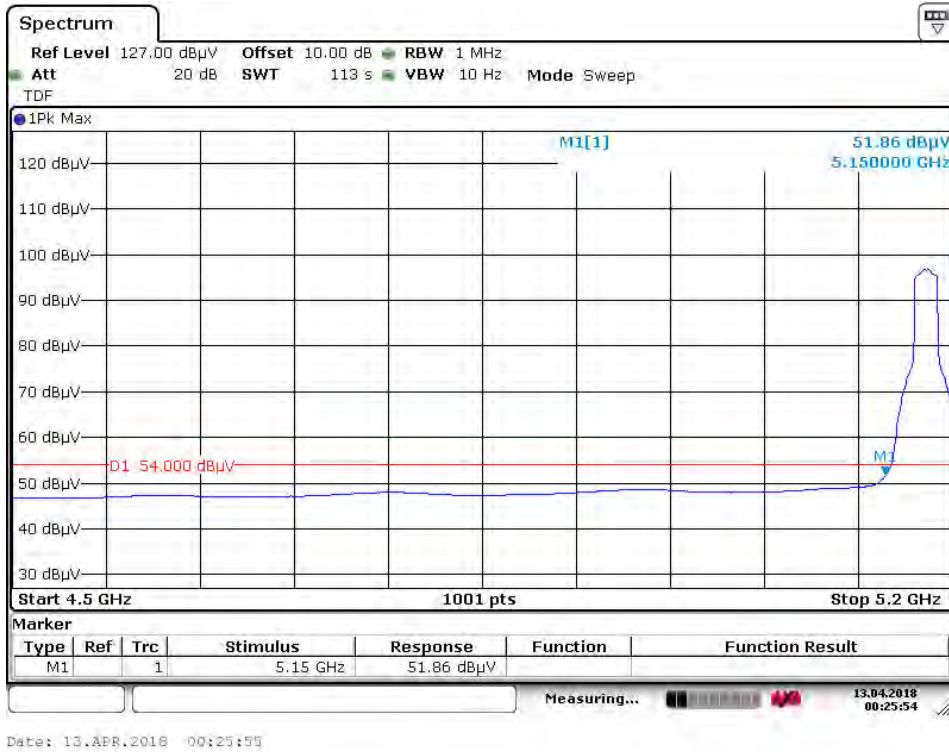
(File: 50140127AppendixD)

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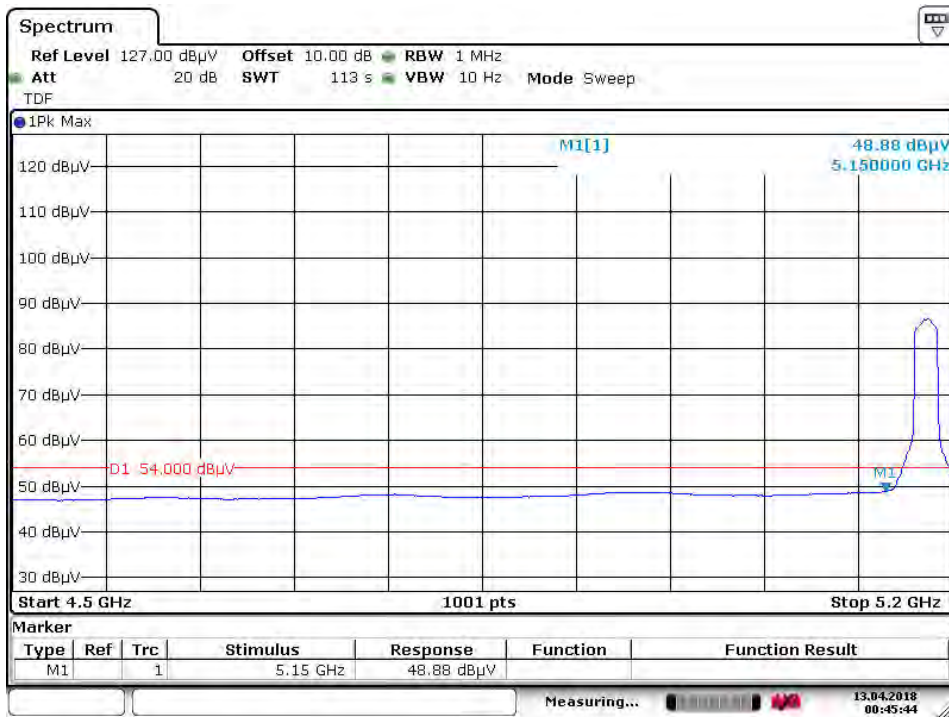
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Radiated Bandedge 11a IN 5.2GHz BAND

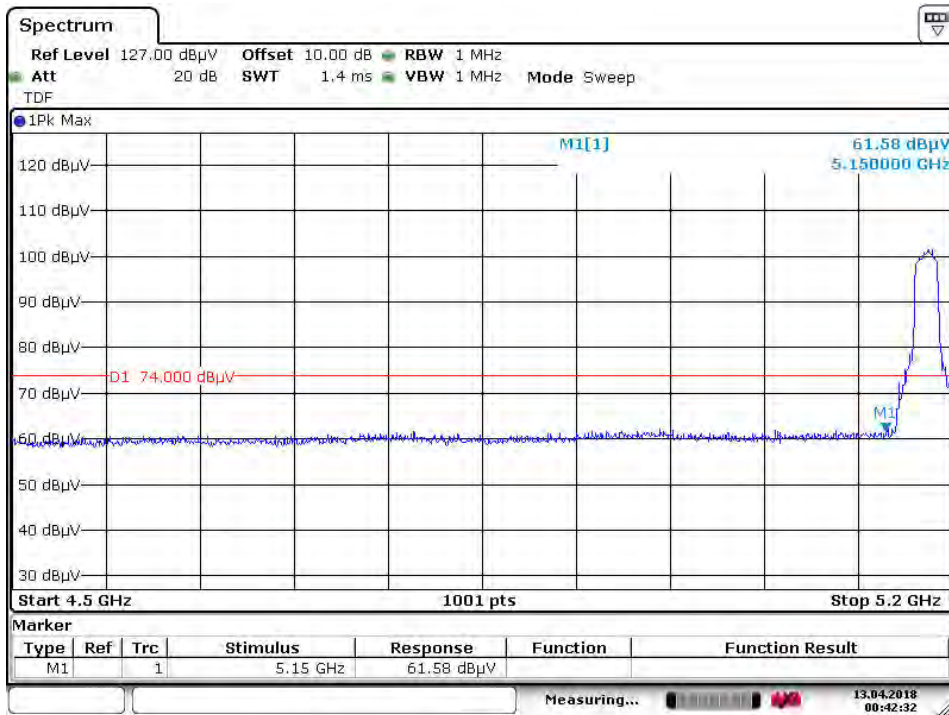
Low Channel (Hor) 5180



Low Channel (Ver) 5180



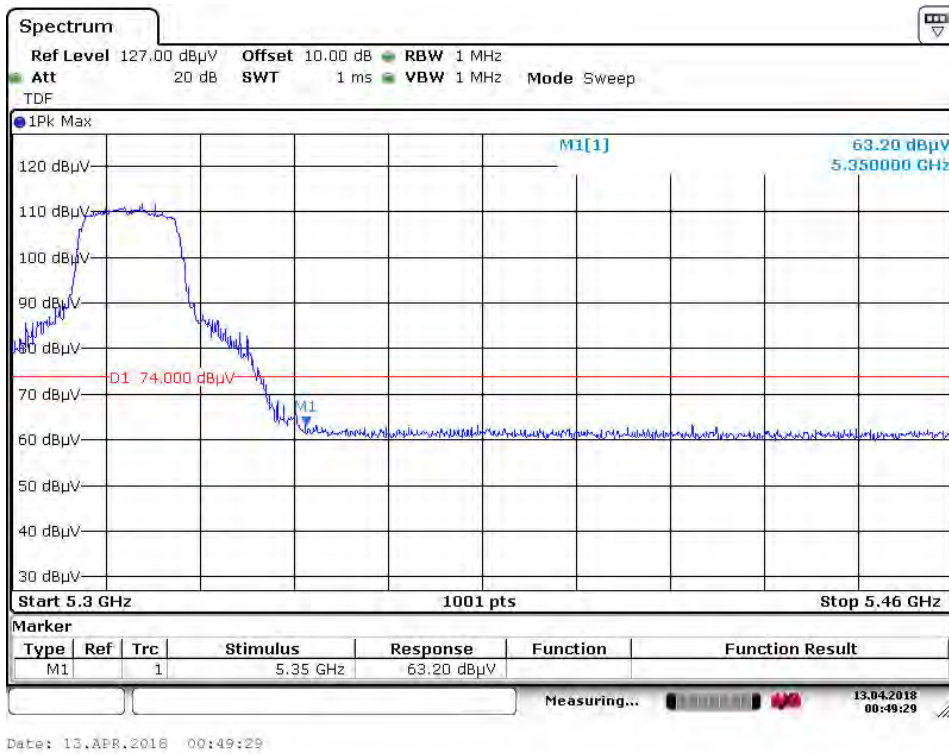
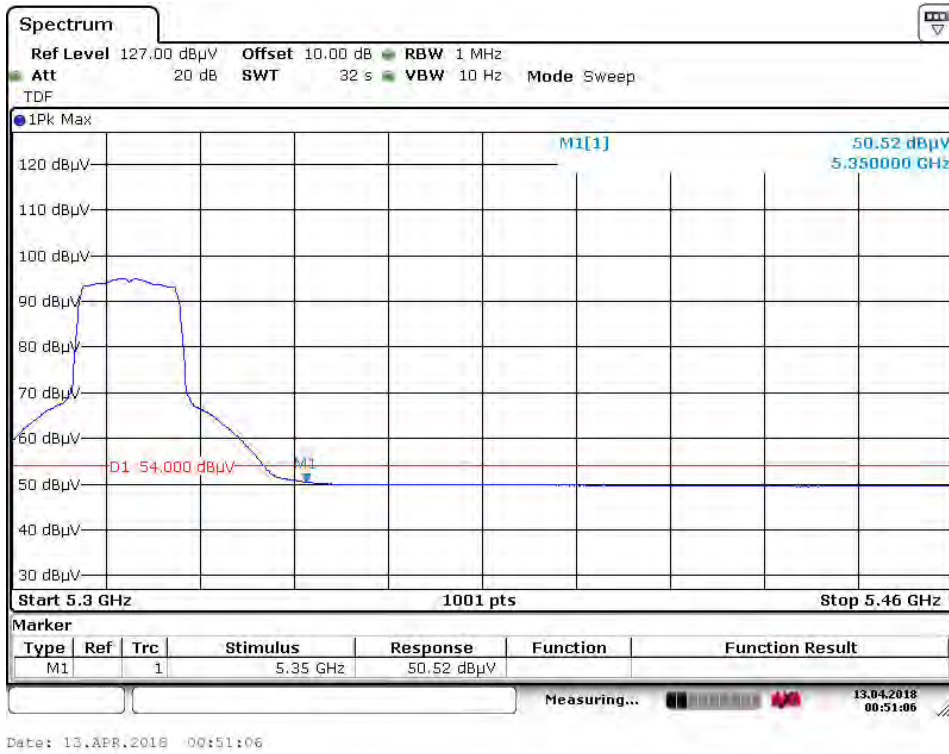
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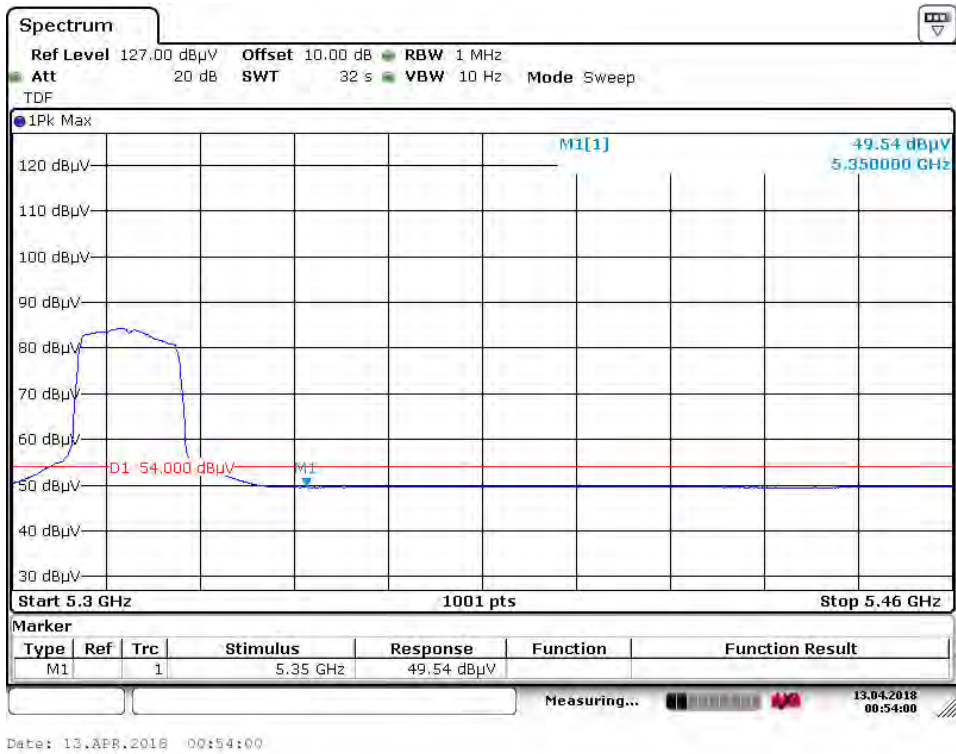
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Radiated Bandedge 11a IN 5.3GHz BAND

High Channel (Hor) 5320

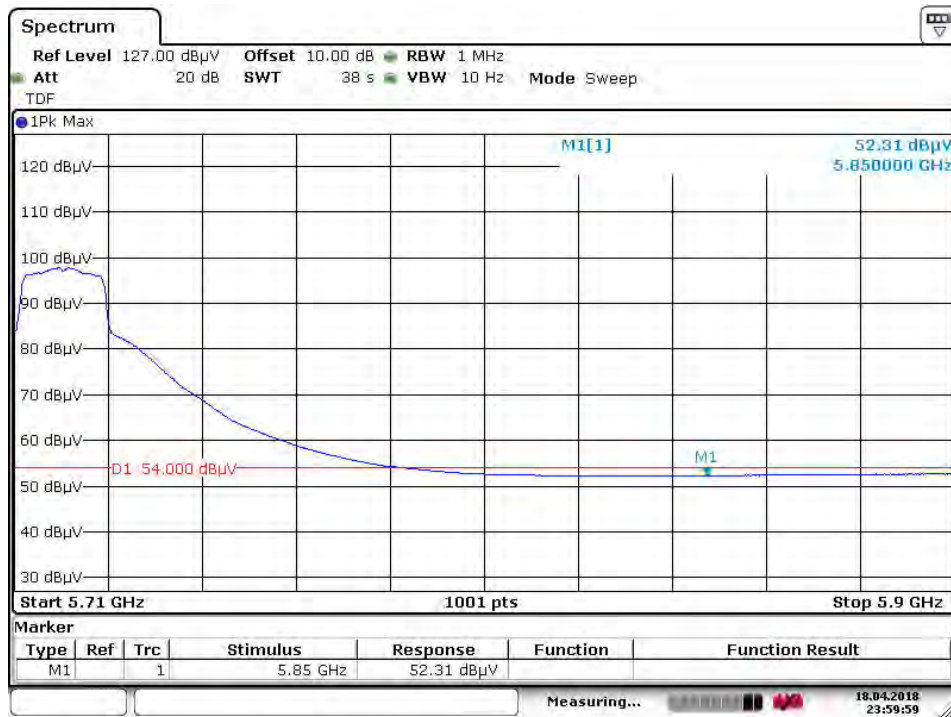


High Channel (Ver) 5320

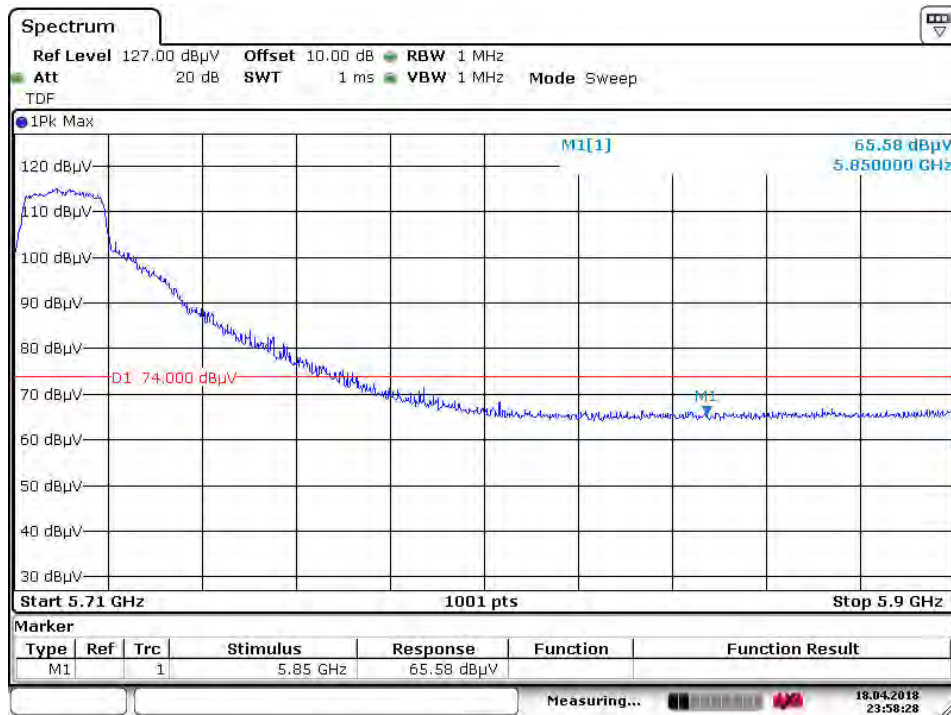


Radiated Bandedge 11a IN 5.6GHz BAND

High Channel (Hor) 5720

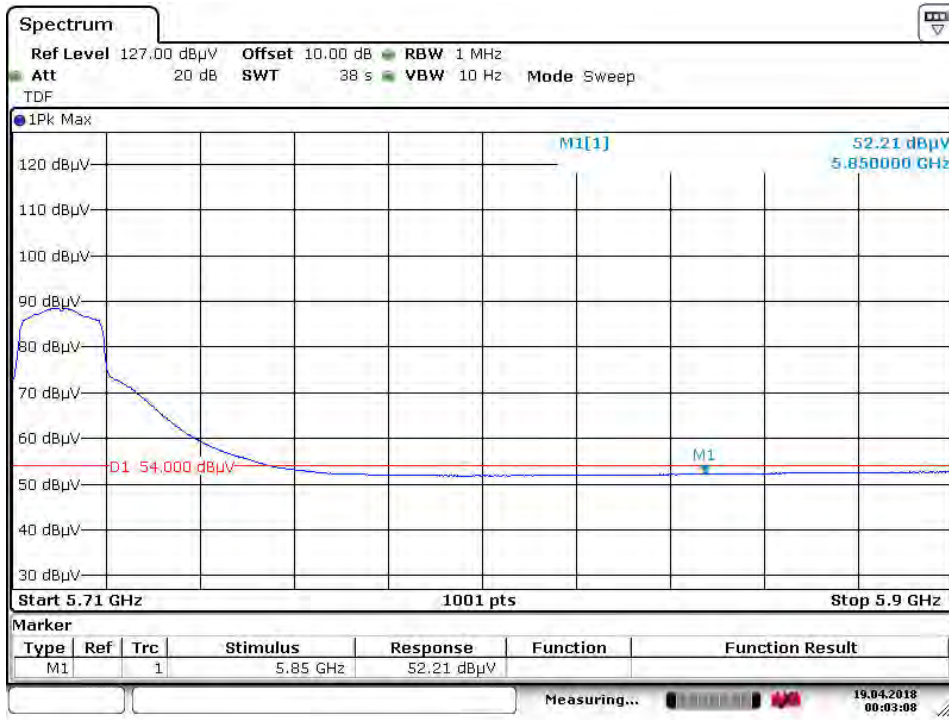


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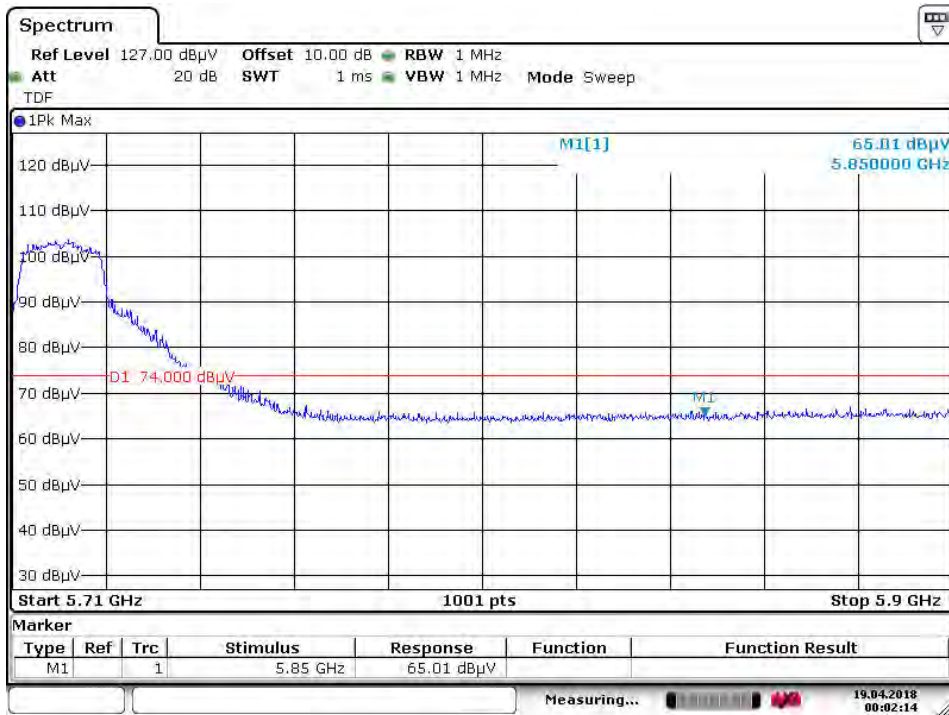


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High Channel (Ver) 5720



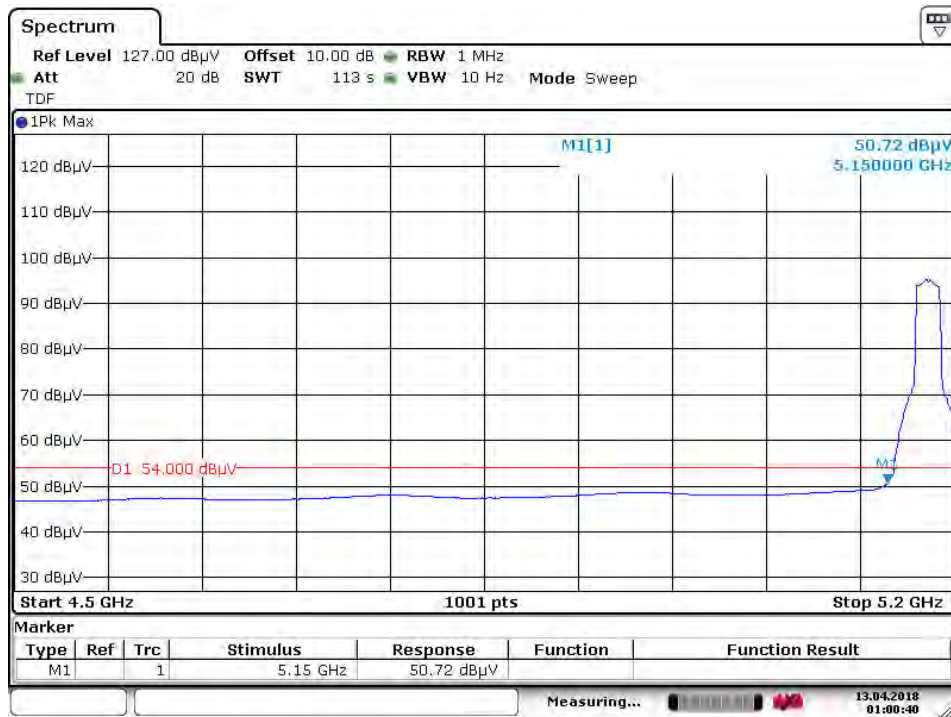
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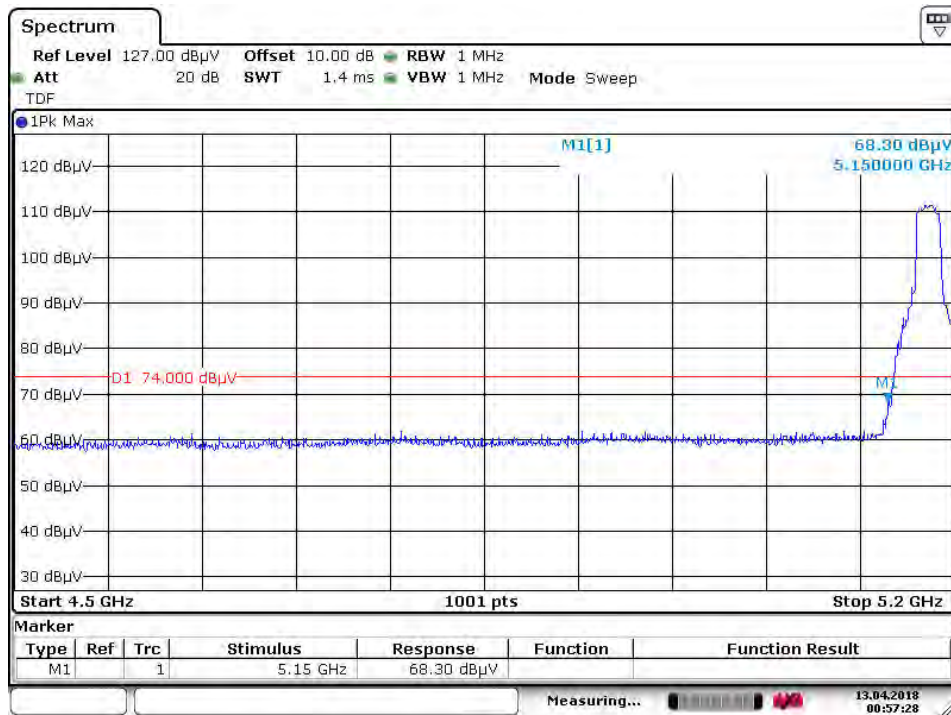
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Radiated Bandedge 11ac20 IN 5.2GHz BAND

Low Channel (Hor) 5180

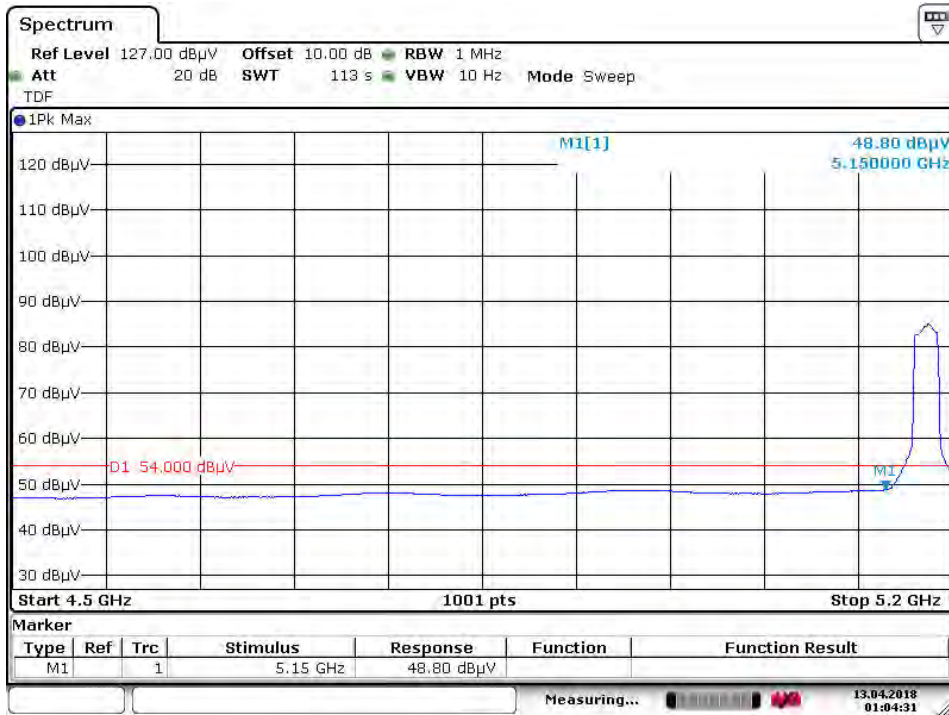


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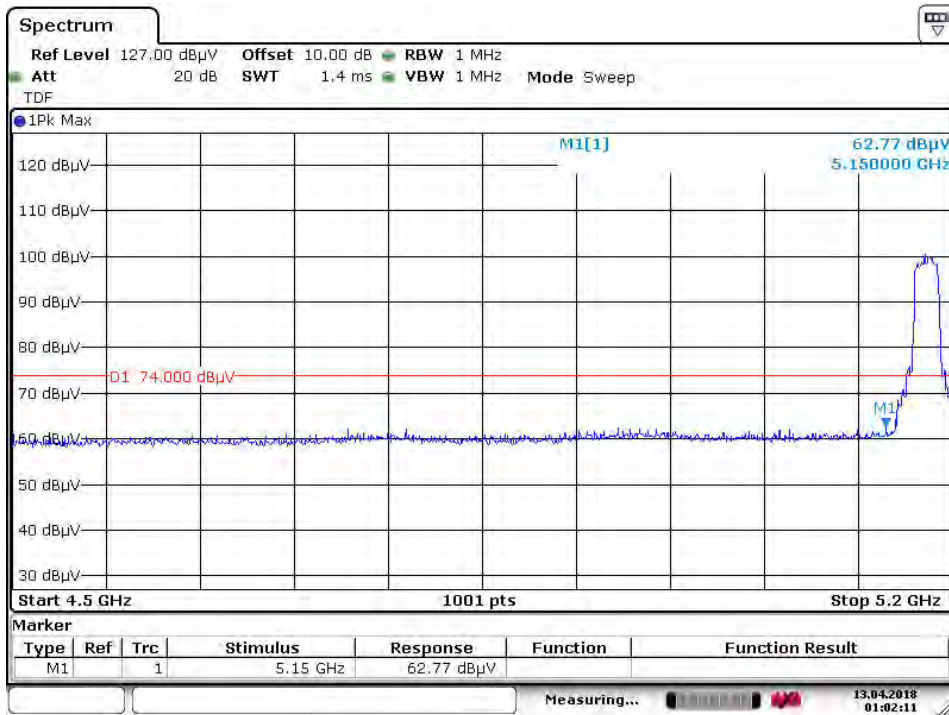


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Low Channel (Ver) 5180



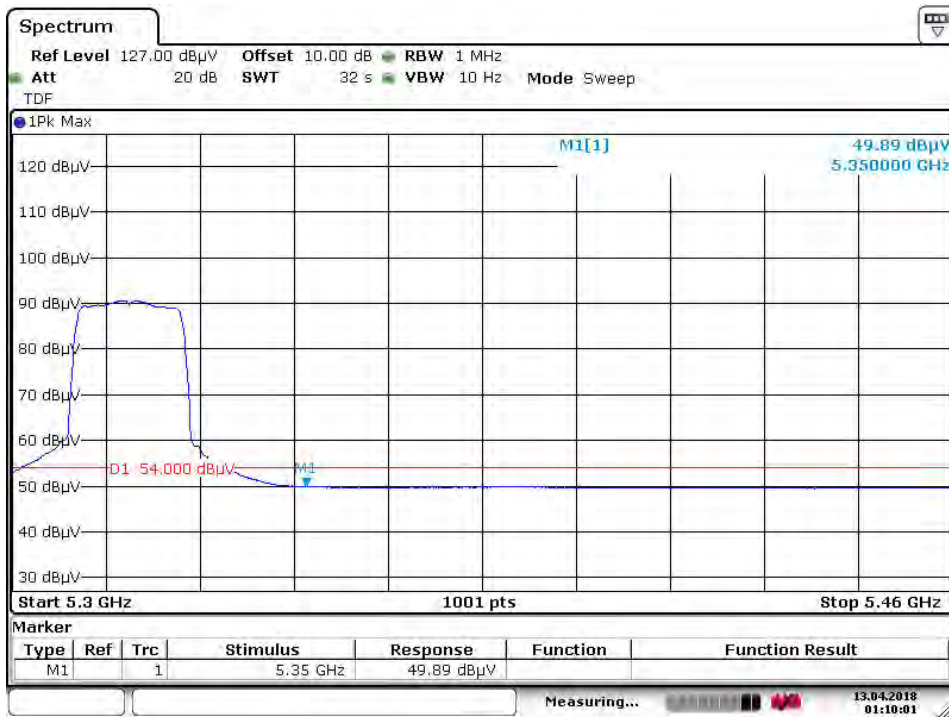
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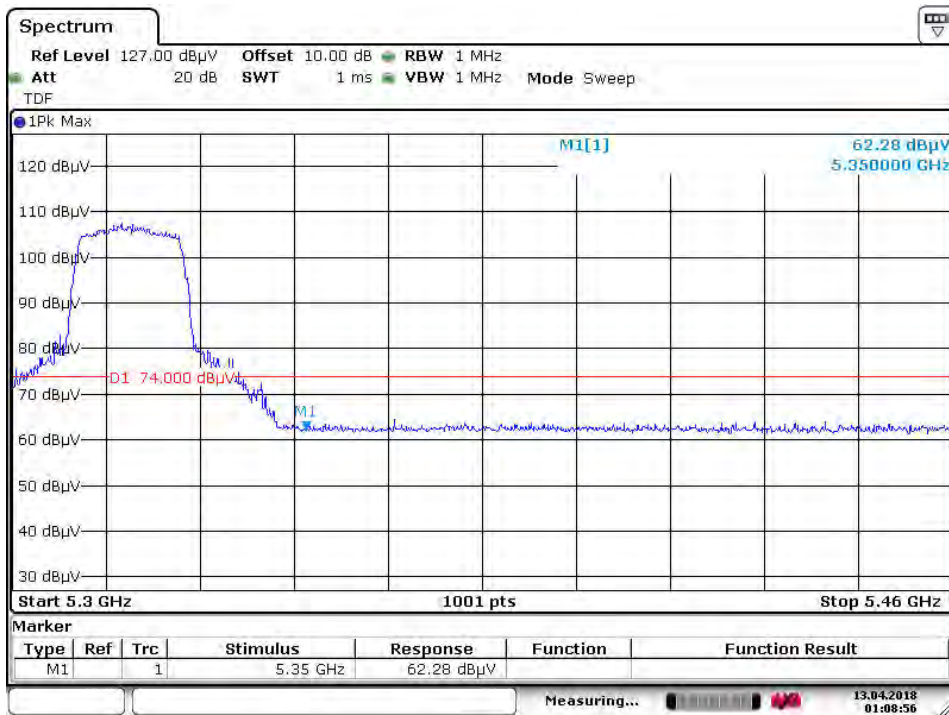
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Radiated Bandedge 11ac20 IN 5.3GHz BAND

High Channel (Hor) 5320

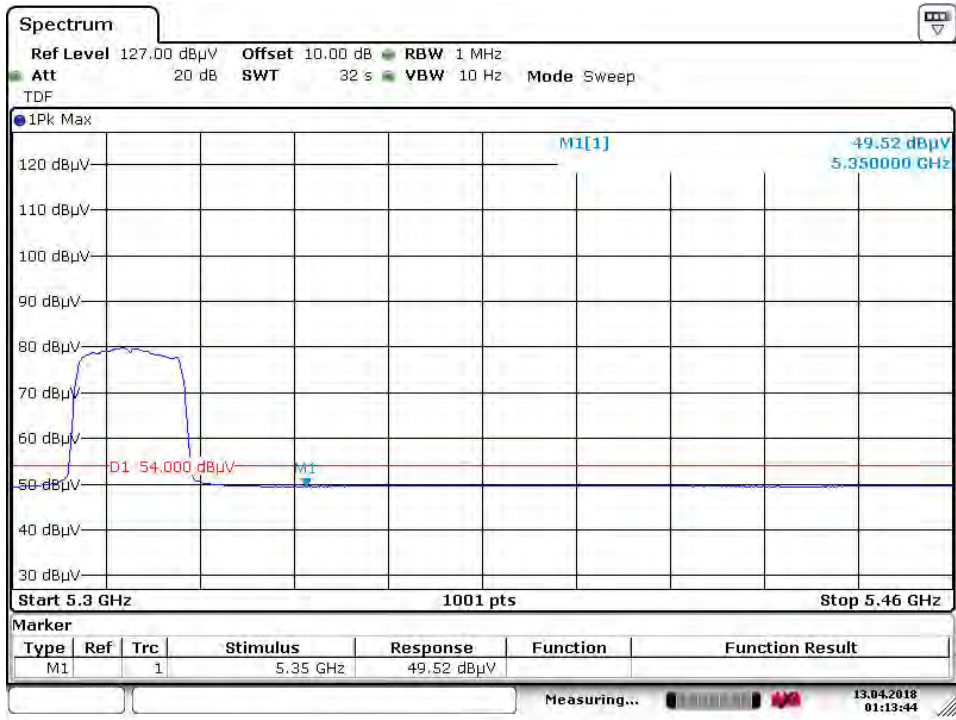


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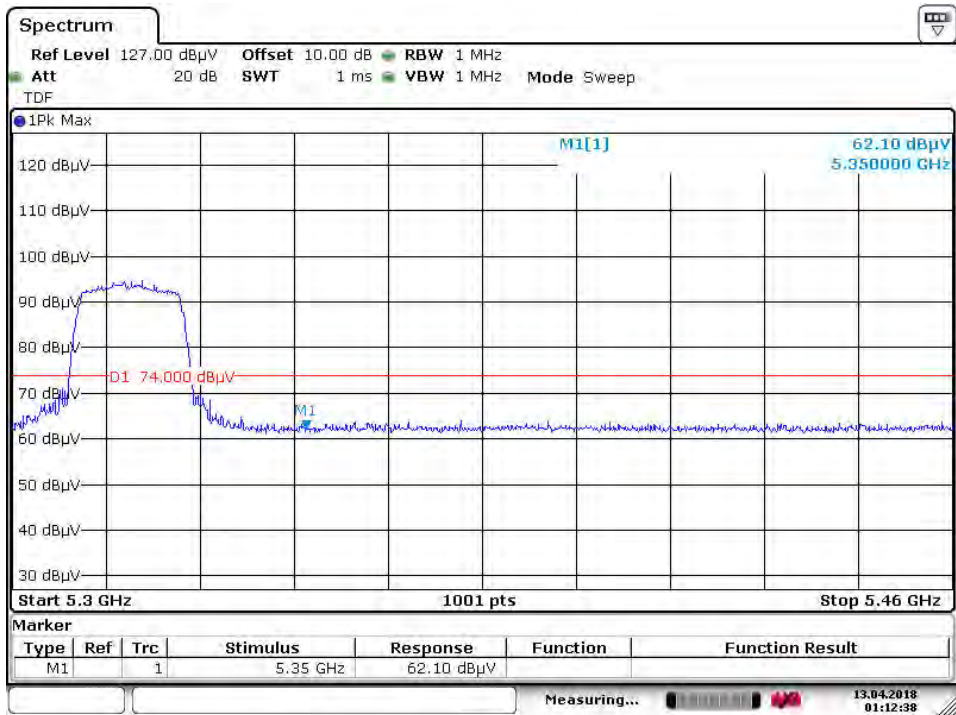


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High Channel (Ver) 5320



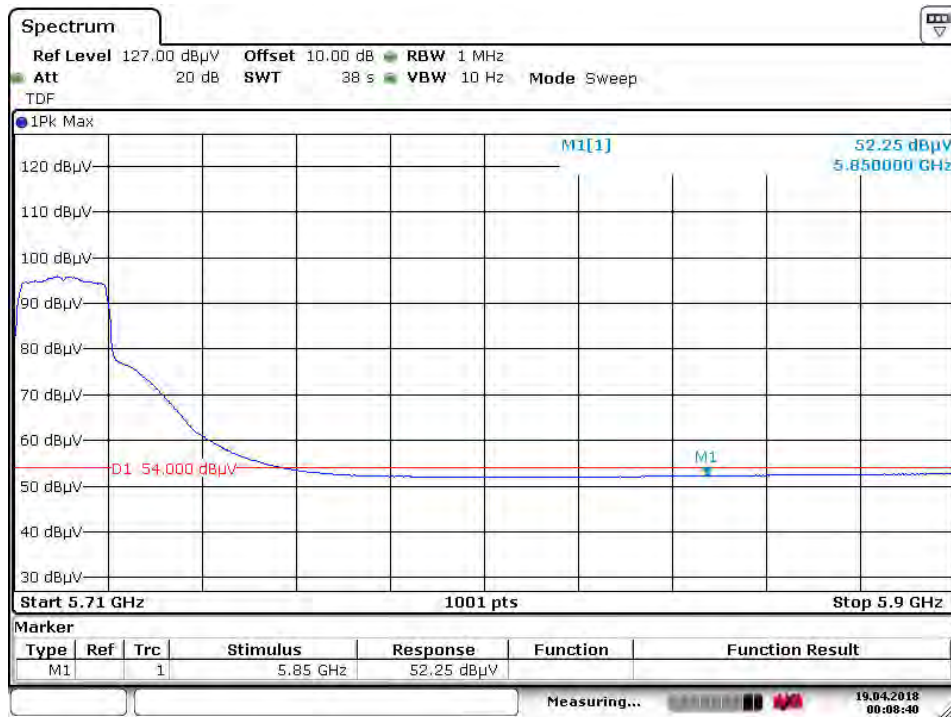
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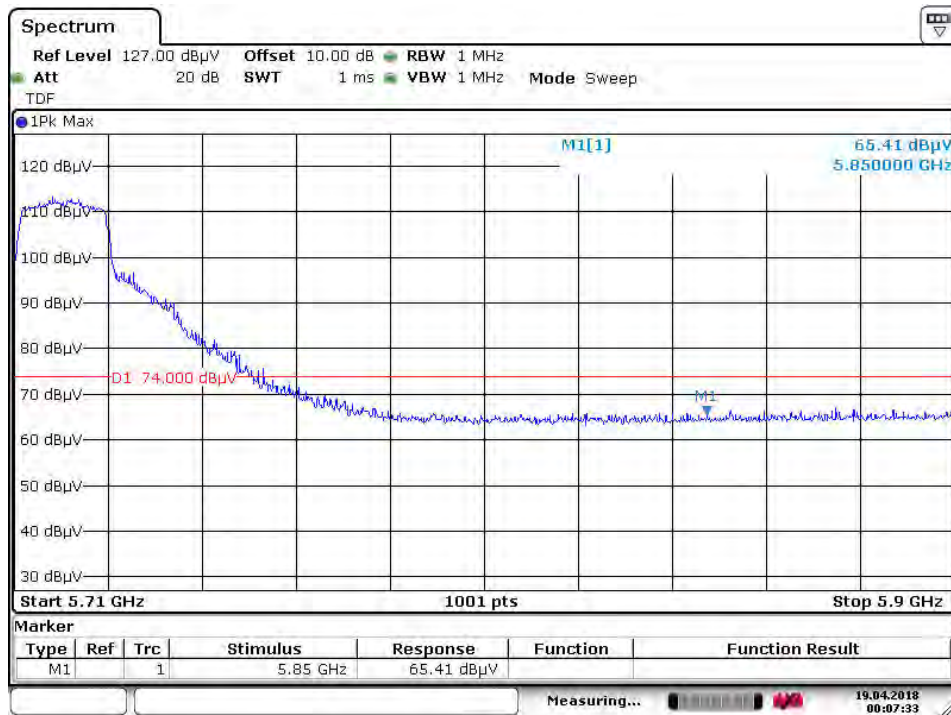
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Radiated Bandedge 11ac20 IN 5.6GHz BAND

High Channel (Hor) 5720

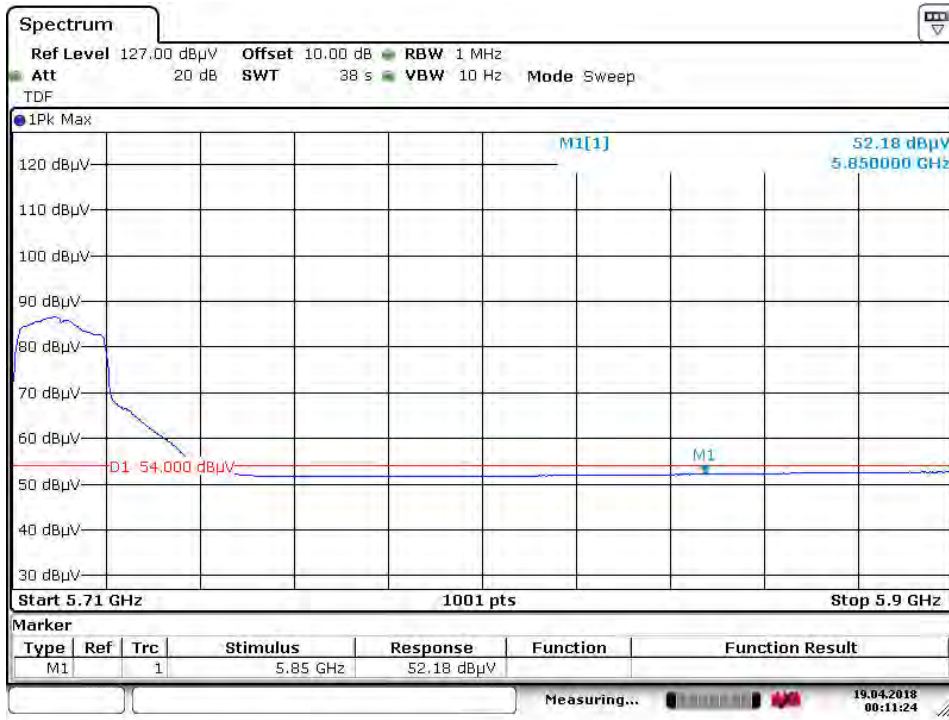


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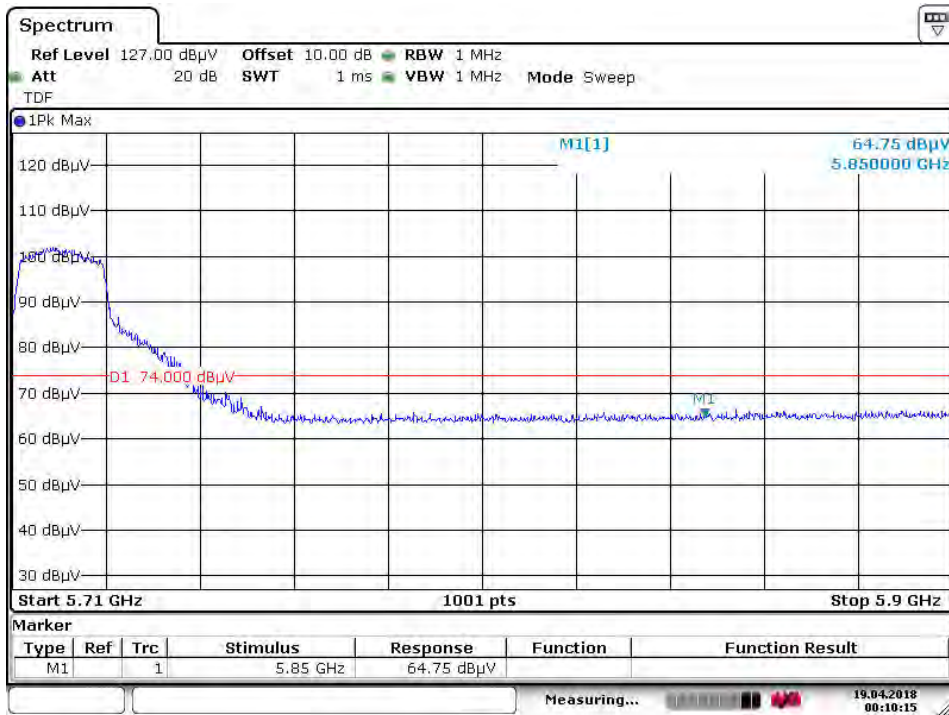


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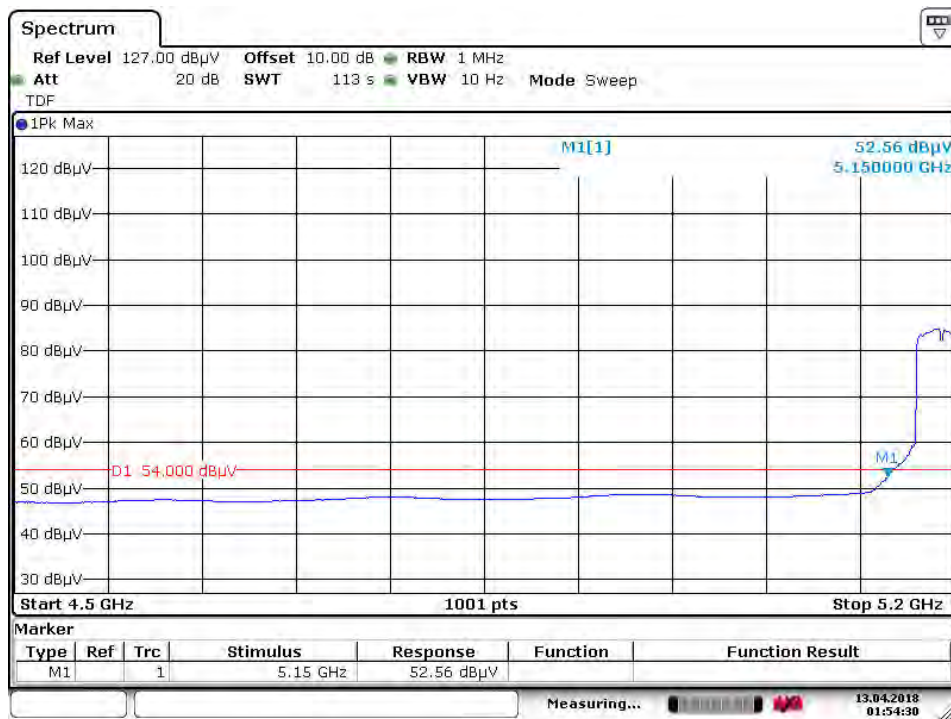
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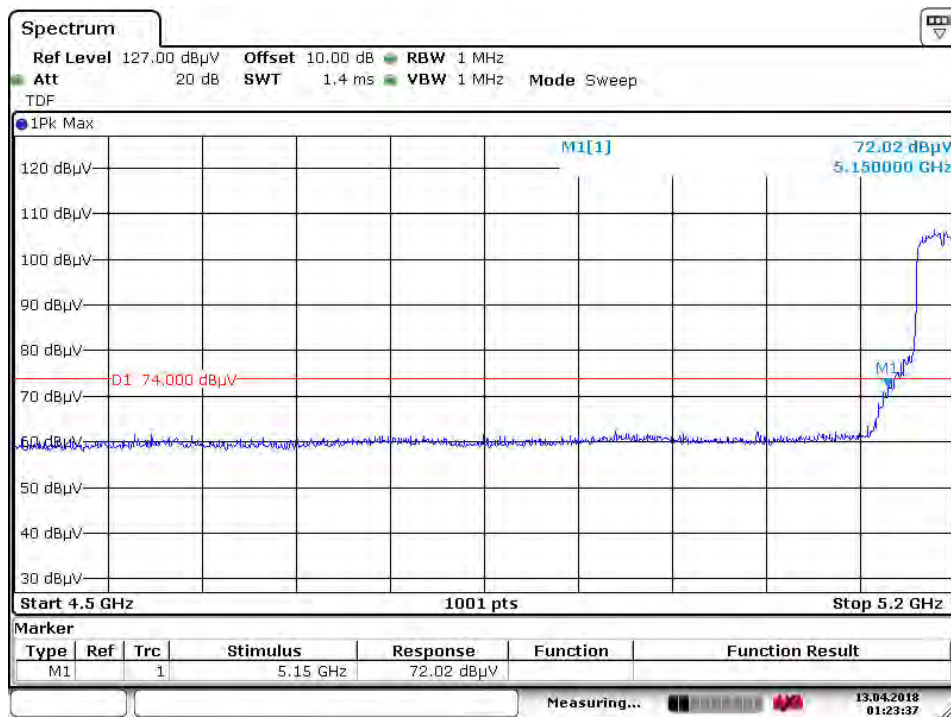
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Radiated Bandedge 11ac40 IN 5.2GHz BAND

Low Channel (Hor) 5190

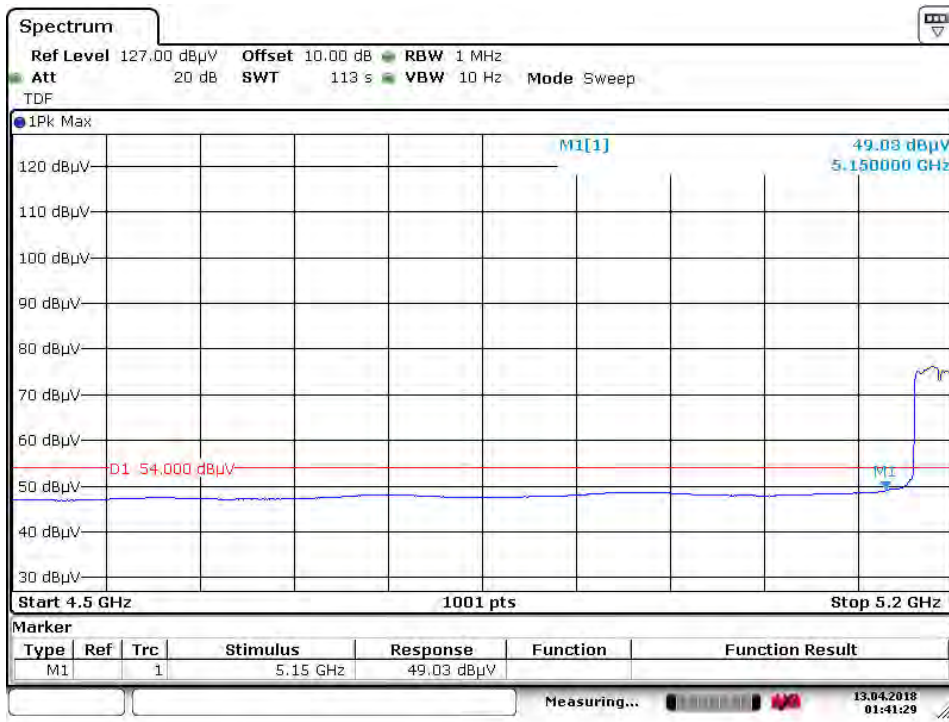


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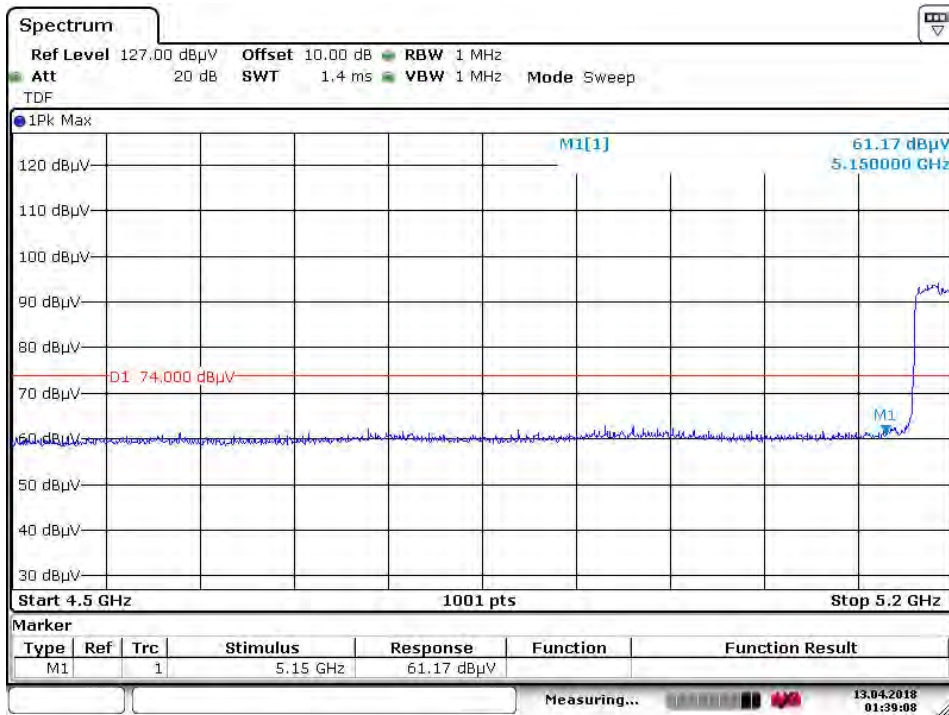


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Low Channel (Ver) 5190



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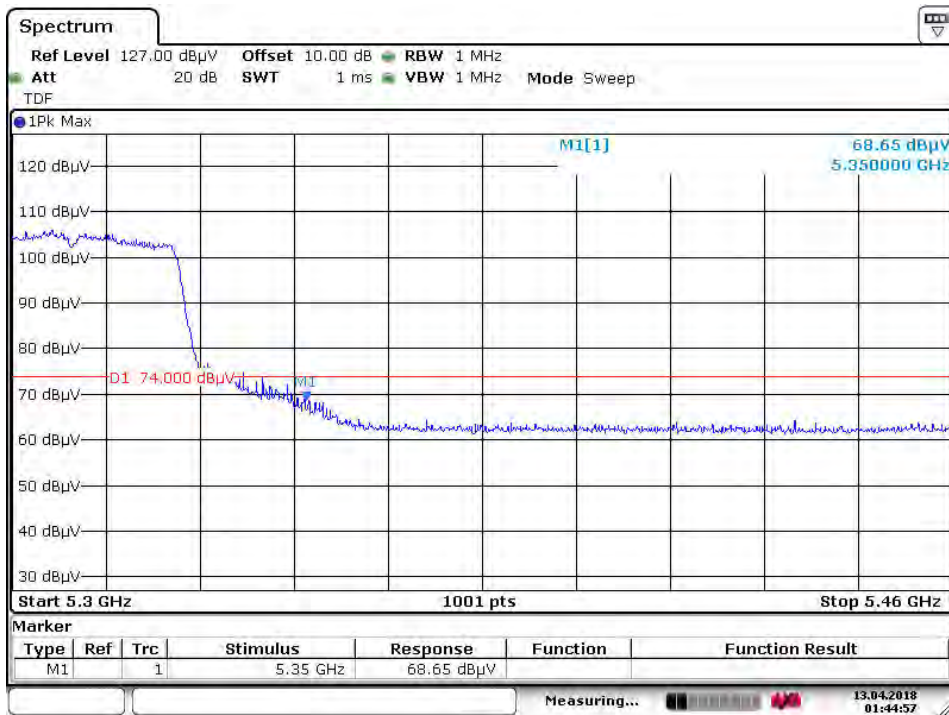
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Radiated Bandedge 11ac40 IN 5.3GHz BAND

High Channel (Hor) 5310

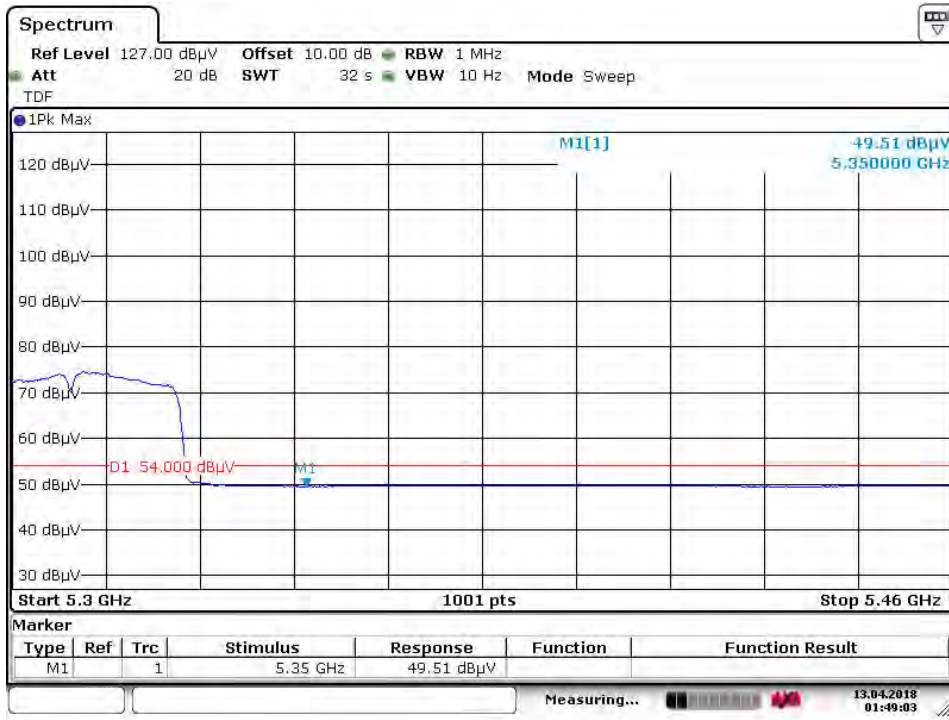


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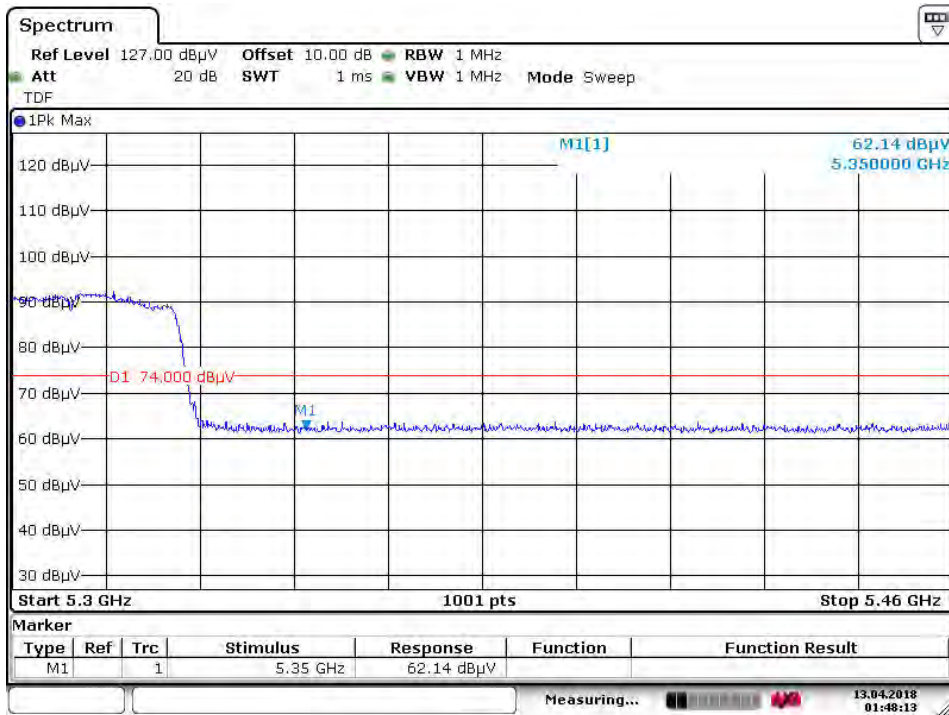


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High Channel (Ver) 5310



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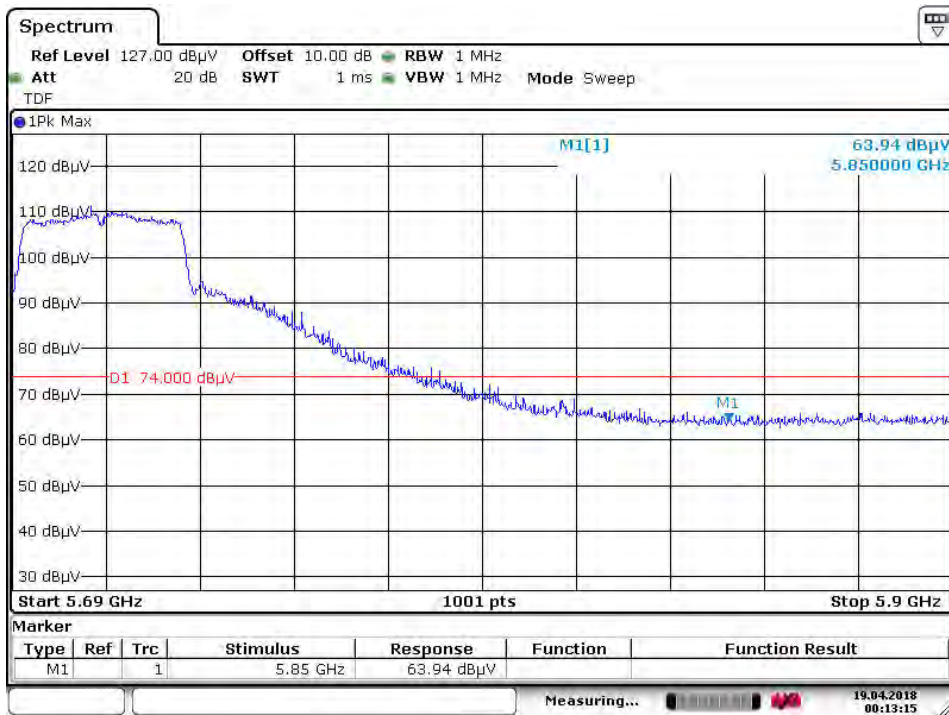
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Radiated Bandedge 11ac40 IN 5.6GHz BAND

High Channel (Hor) 5710

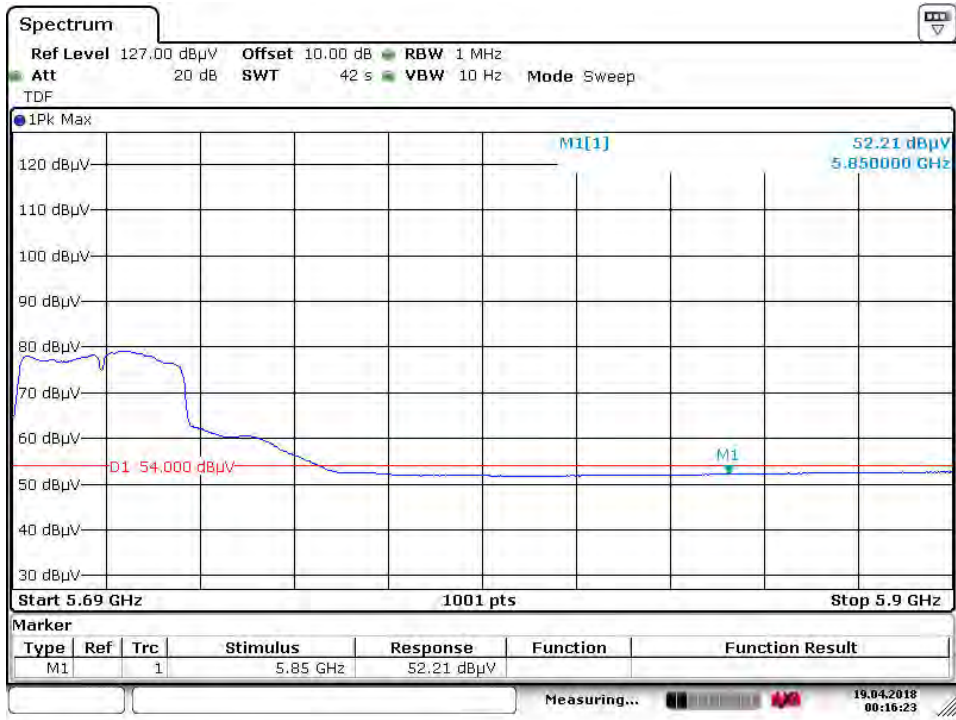


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High Channel (Ver) 5710



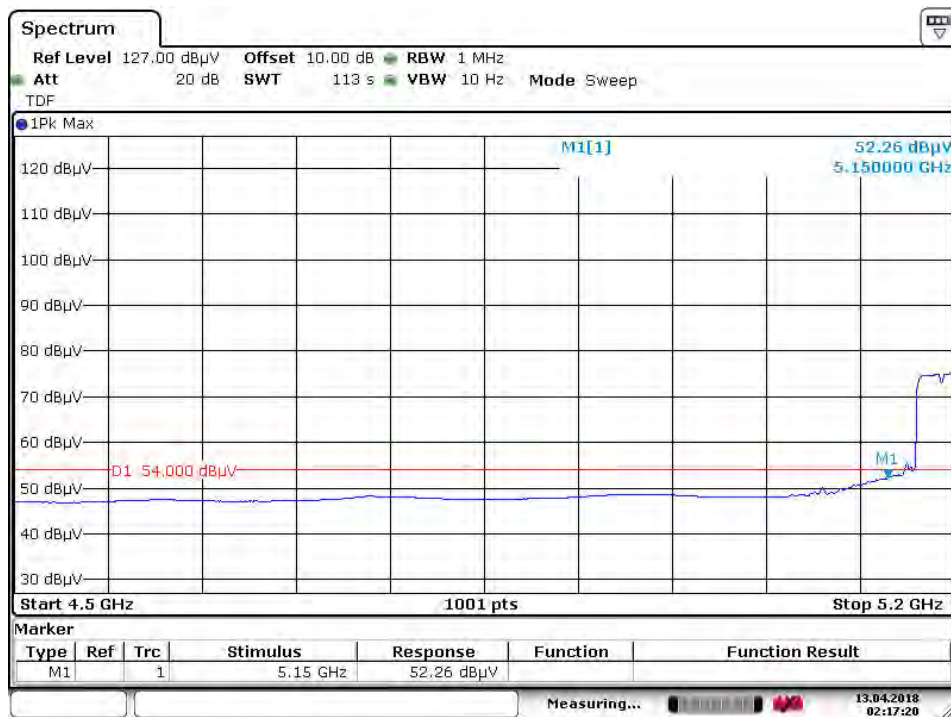
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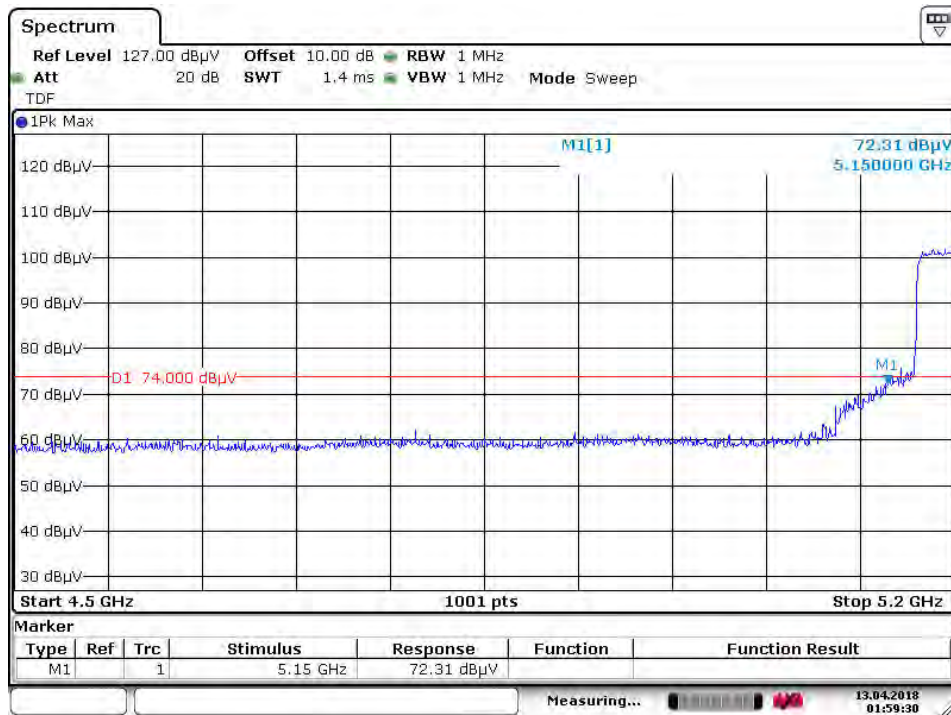
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Radiated Bandedge 11ac80 IN 5.2GHz BAND

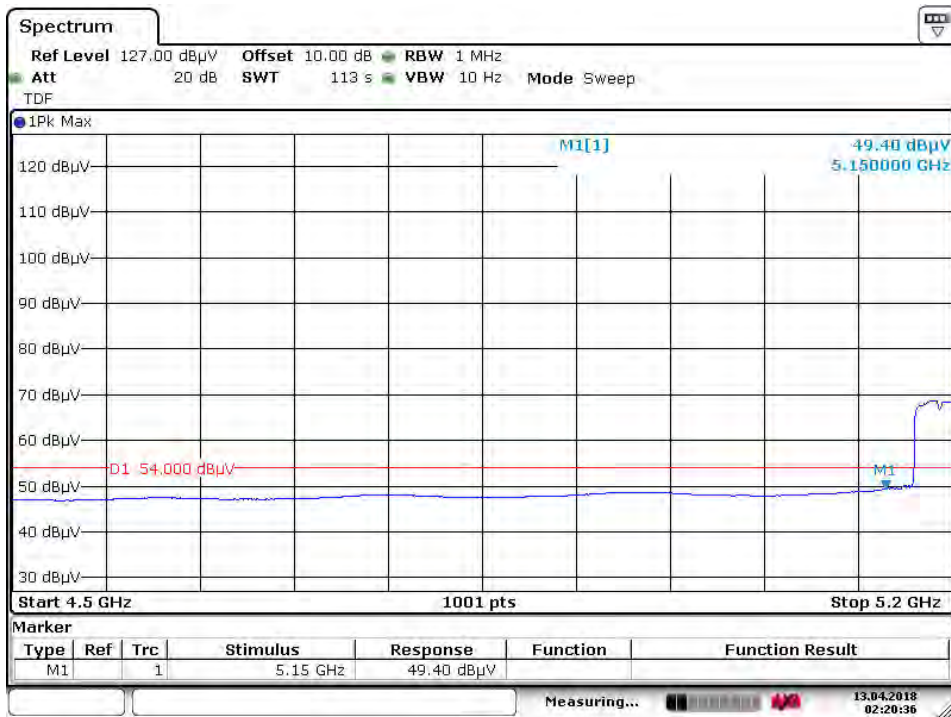
(Hor) 5210



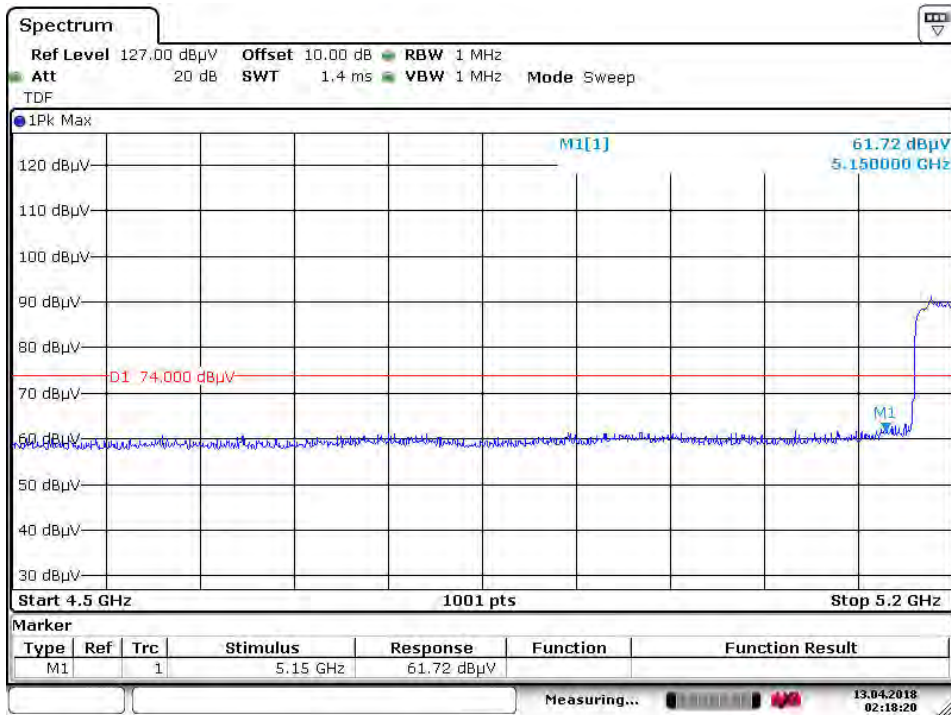
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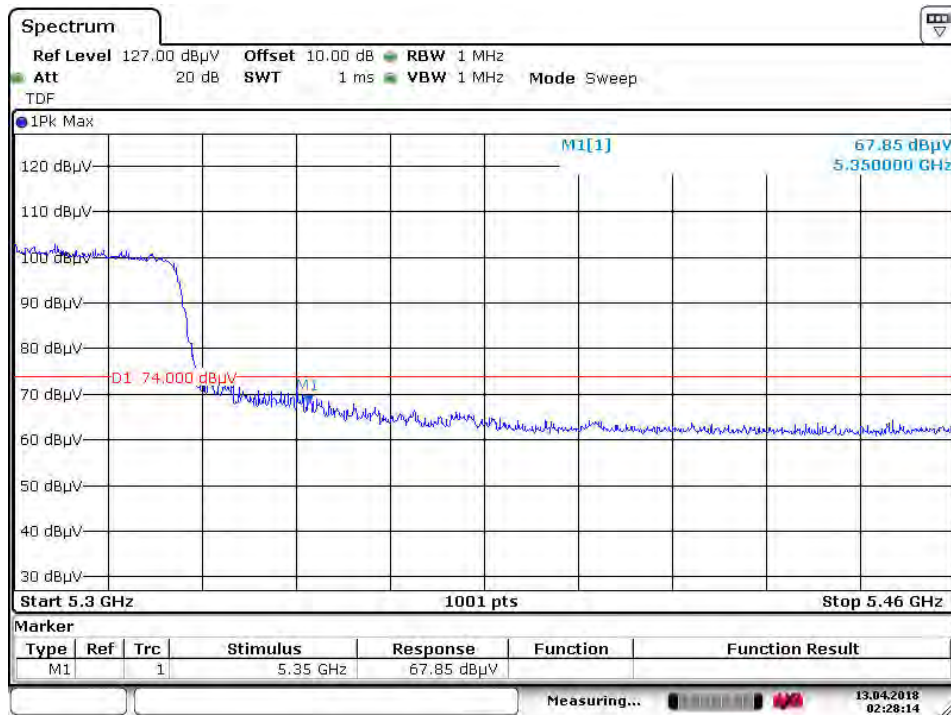
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Radiated Bandedge 11ac80 IN 5.3GHz BAND

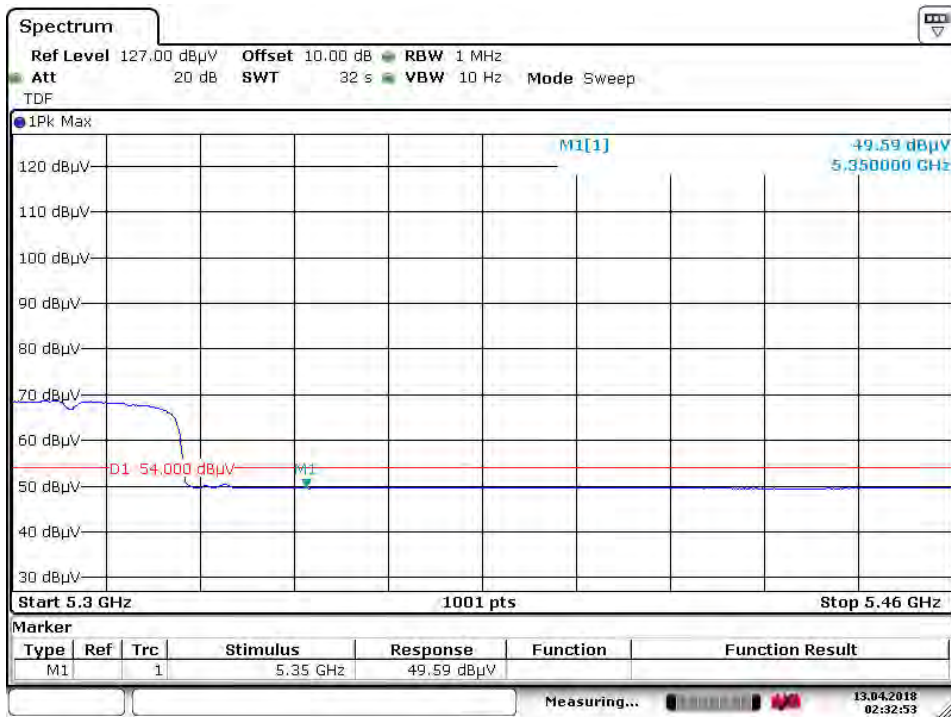
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Date: 13.APR.2018 02:28:14



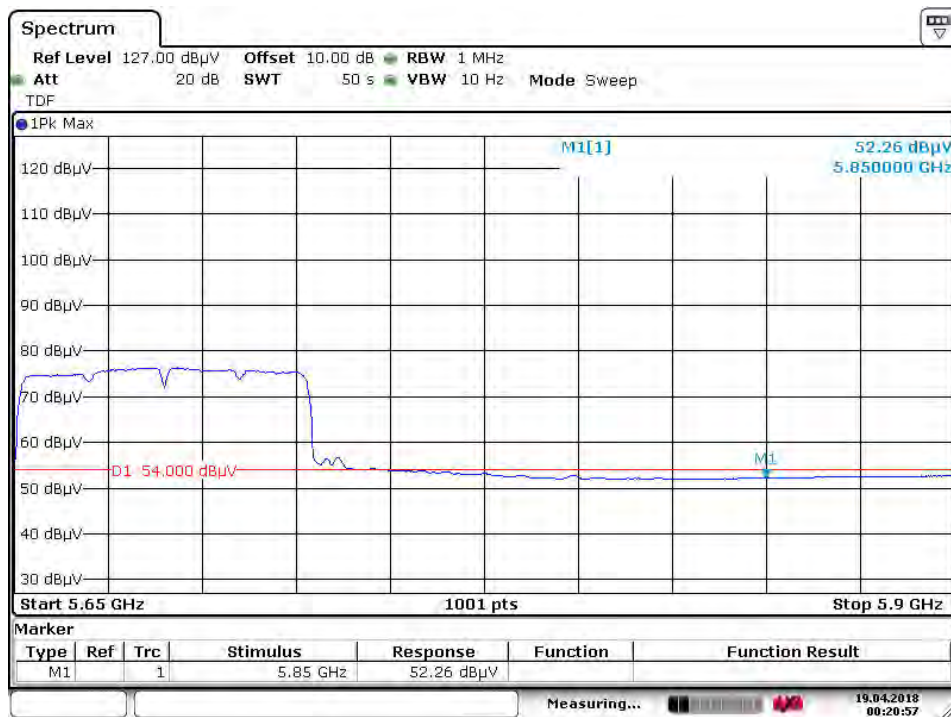
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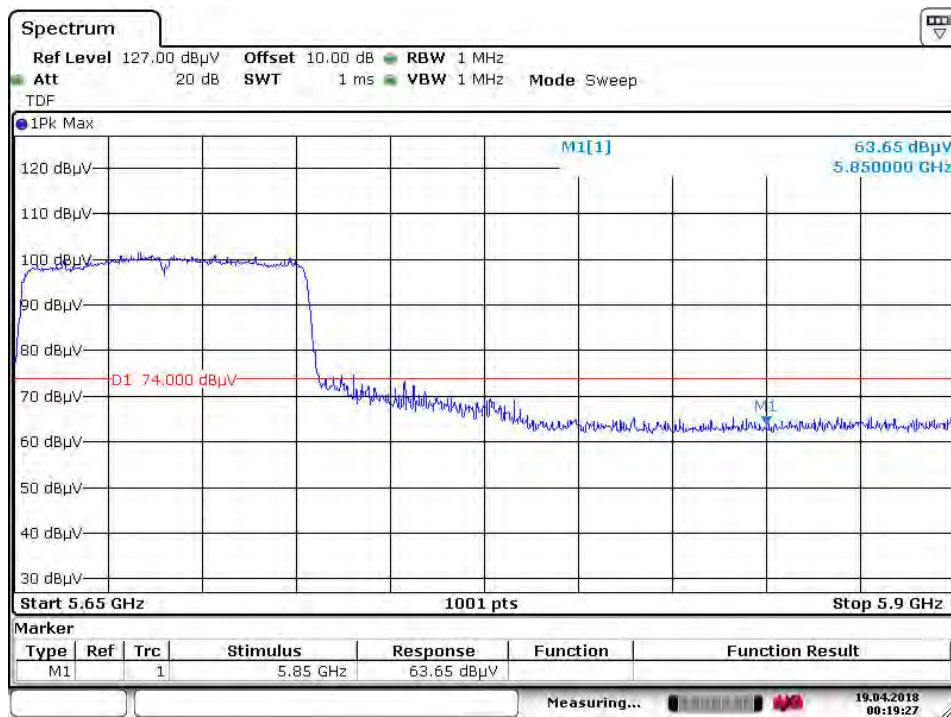
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Radiated Bandedge 11ac80 IN 5.6GHz BAND

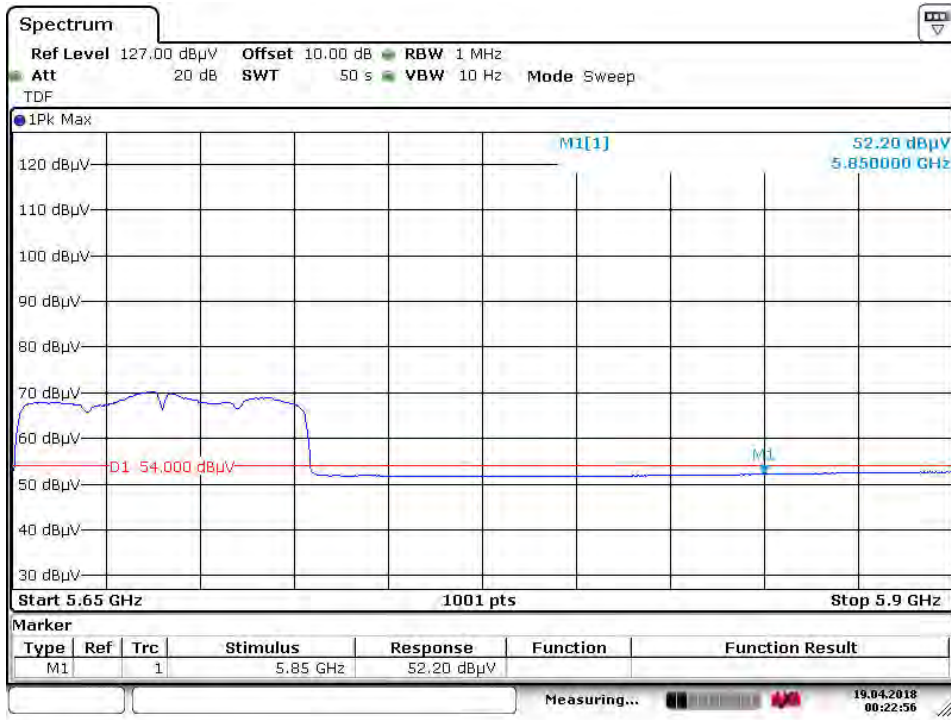
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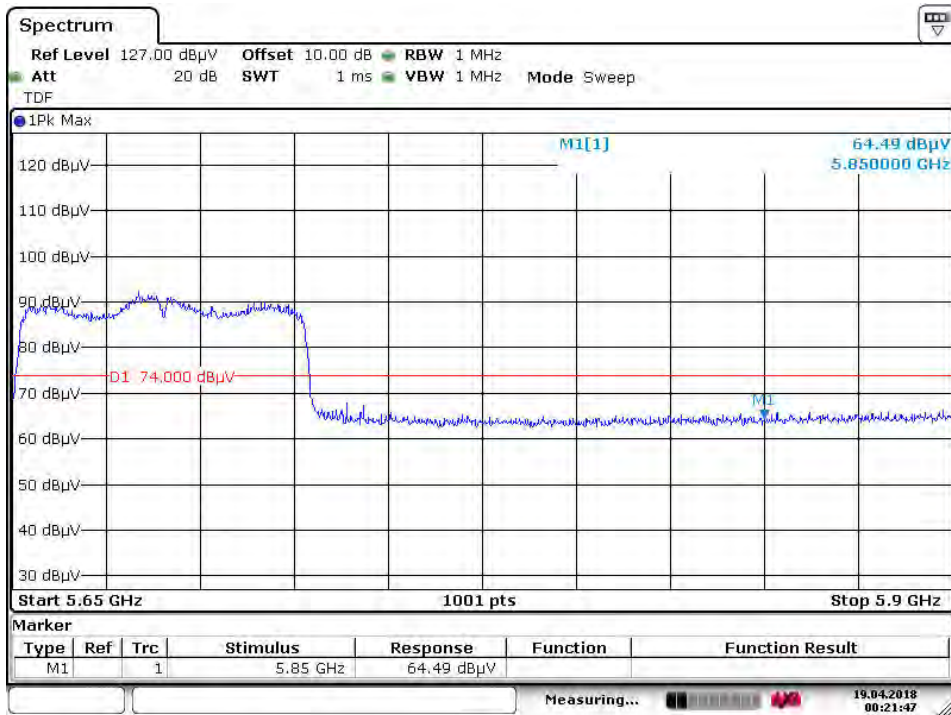
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Date: 19.APR.2018 00:22:55



Date: 19.APR.2018 00:21:47

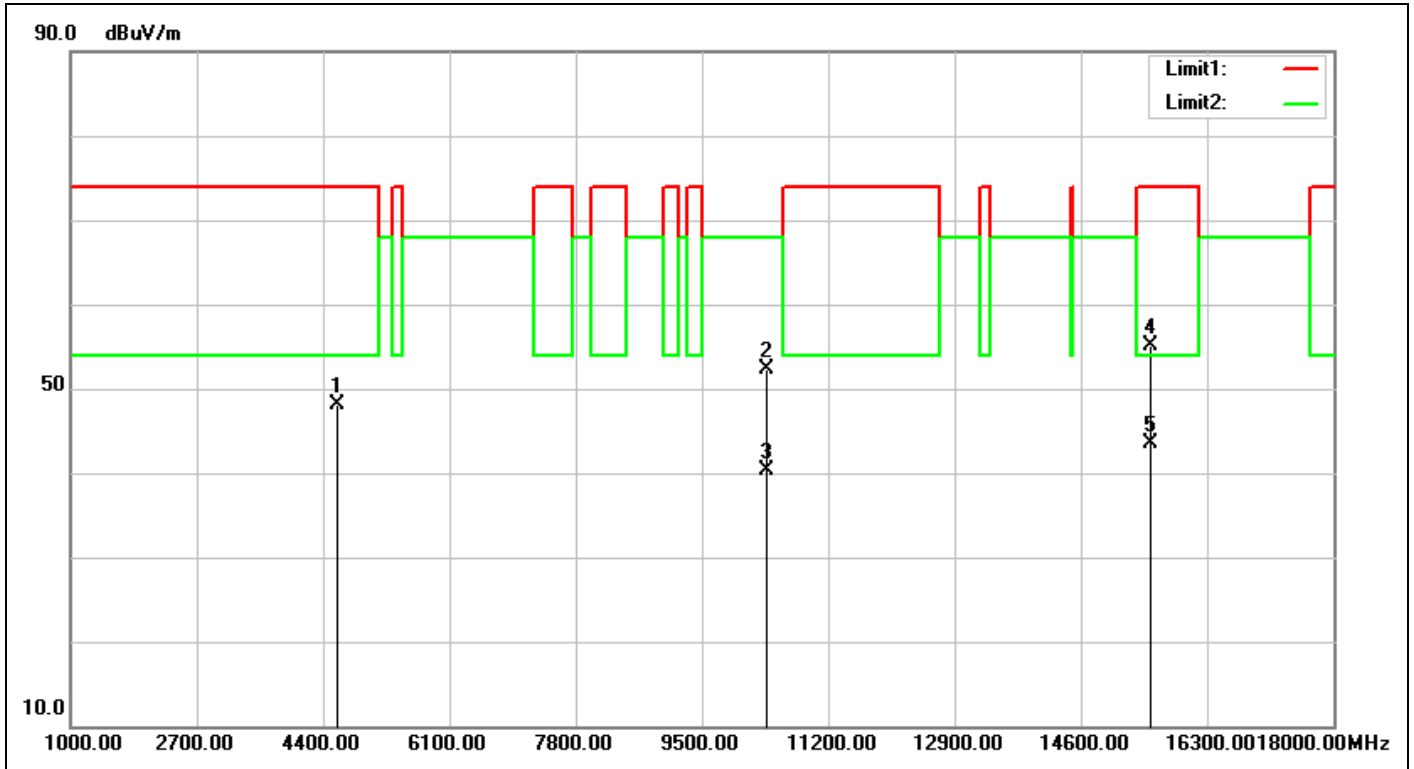
Spurious Emissions, TX Mode, 1-18G, U-NII-1



TUV Rheinland Taiwan Ltd.

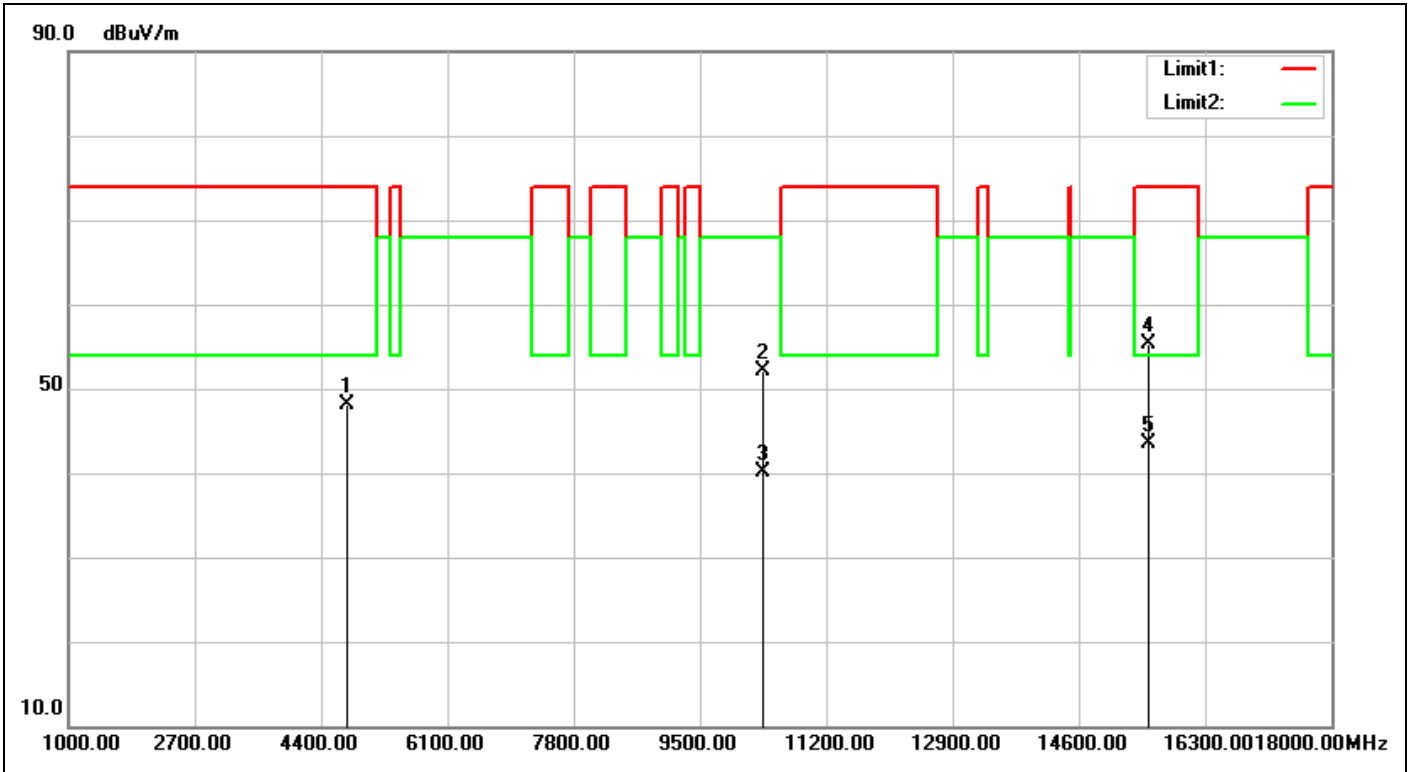
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



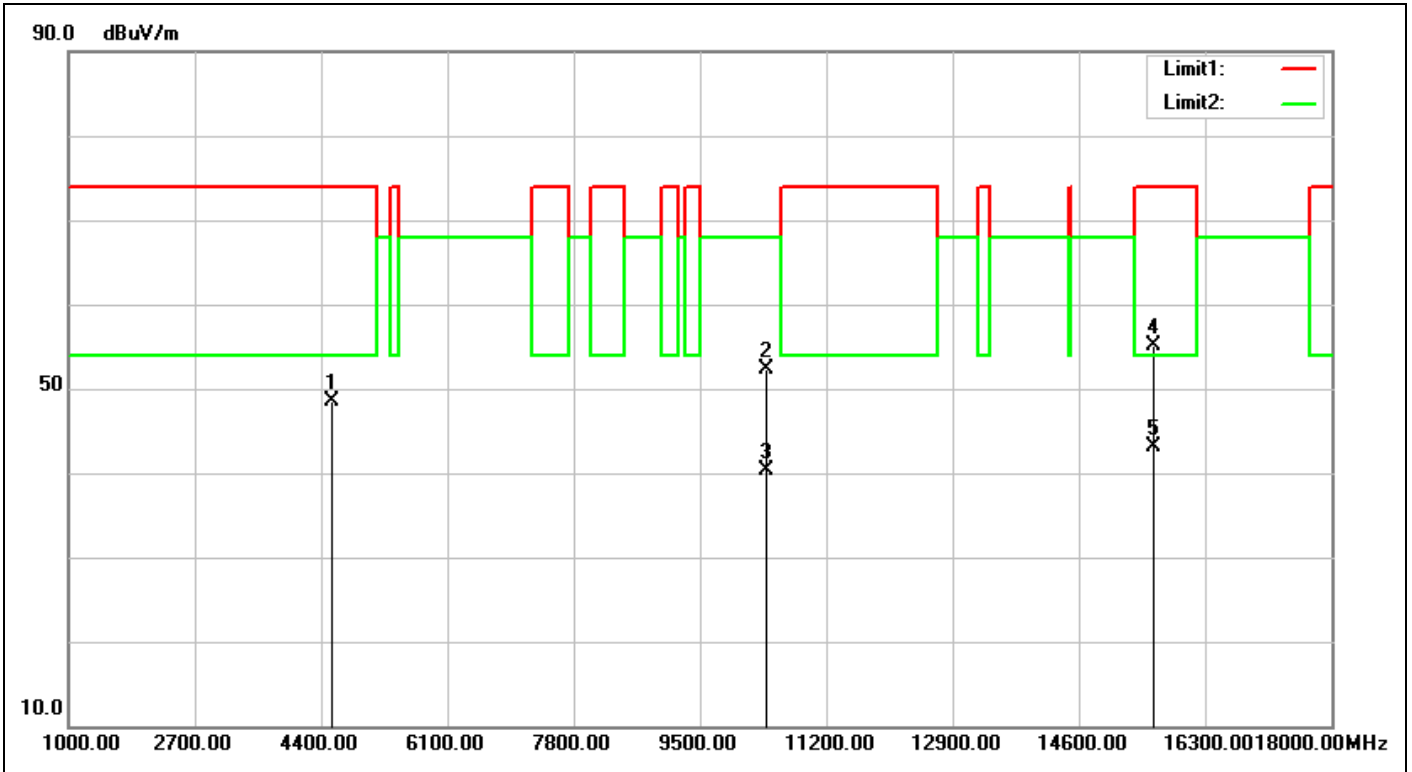
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 02:35:16
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5180-TX		
Remark:	Power Setting 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4587.000	-2.10	50.12	48.02	74.00	-25.98	peak	100	126	
2	10360.000	5.59	46.64	52.23	68.00	-15.77	peak		0	
3	10360.000	5.59	34.74	40.33	68.00	-27.67	AVG		0	
4	15540.000	11.53	43.52	55.05	74.00	-18.95	peak		0	
5	15540.000	11.53	32.00	43.53	54.00	-10.47	AVG		0	



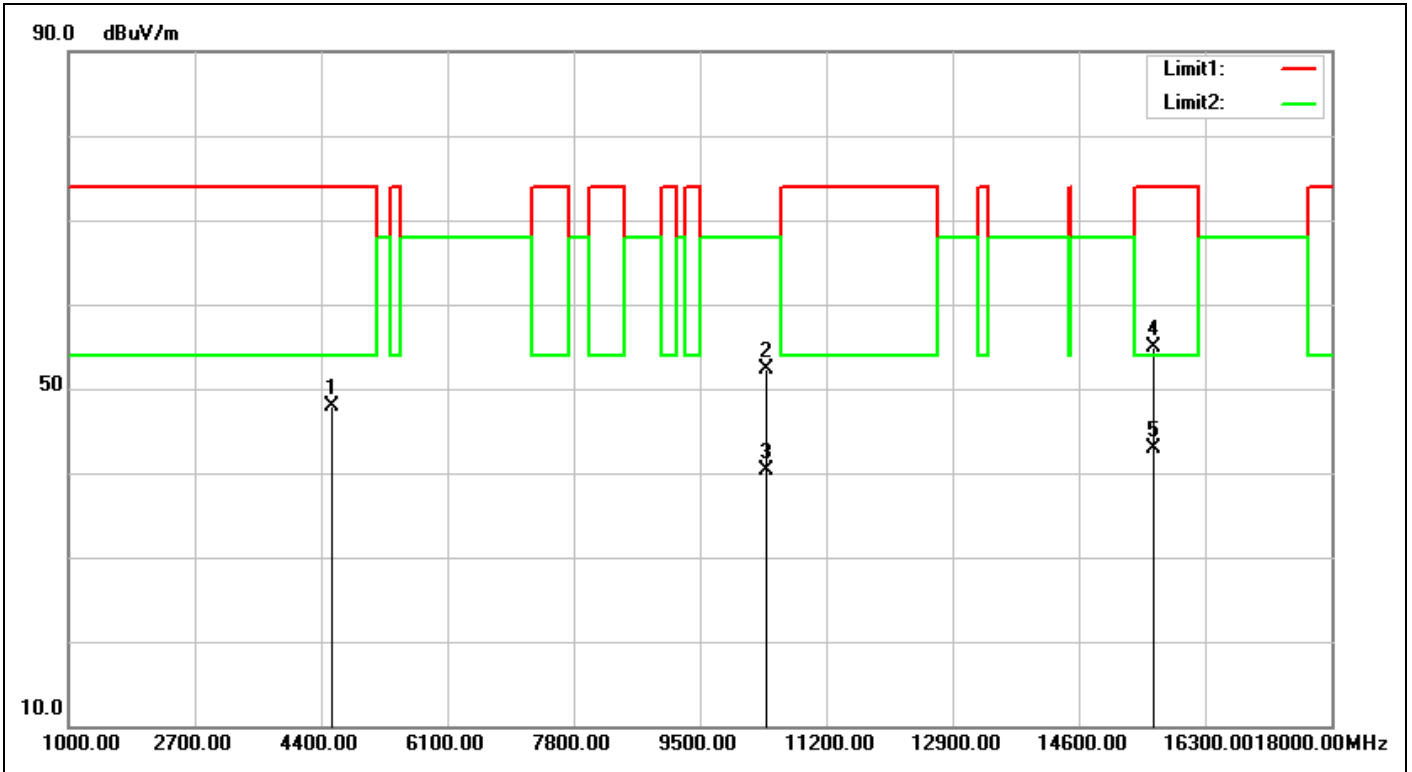
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 02:36:09
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5180-TX		
Remark:	Power Setting 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4757.000	-1.81	50.01	48.20	74.00	-25.80	peak	100	138	
2	10360.000	5.59	46.56	52.15	68.00	-15.85	peak			
3	10360.000	5.59	34.50	40.09	68.00	-27.91	AVG			
4	15540.000	11.53	43.82	55.35	74.00	-18.65	peak			
5	15540.000	11.53	31.95	43.48	54.00	-10.52	AVG			



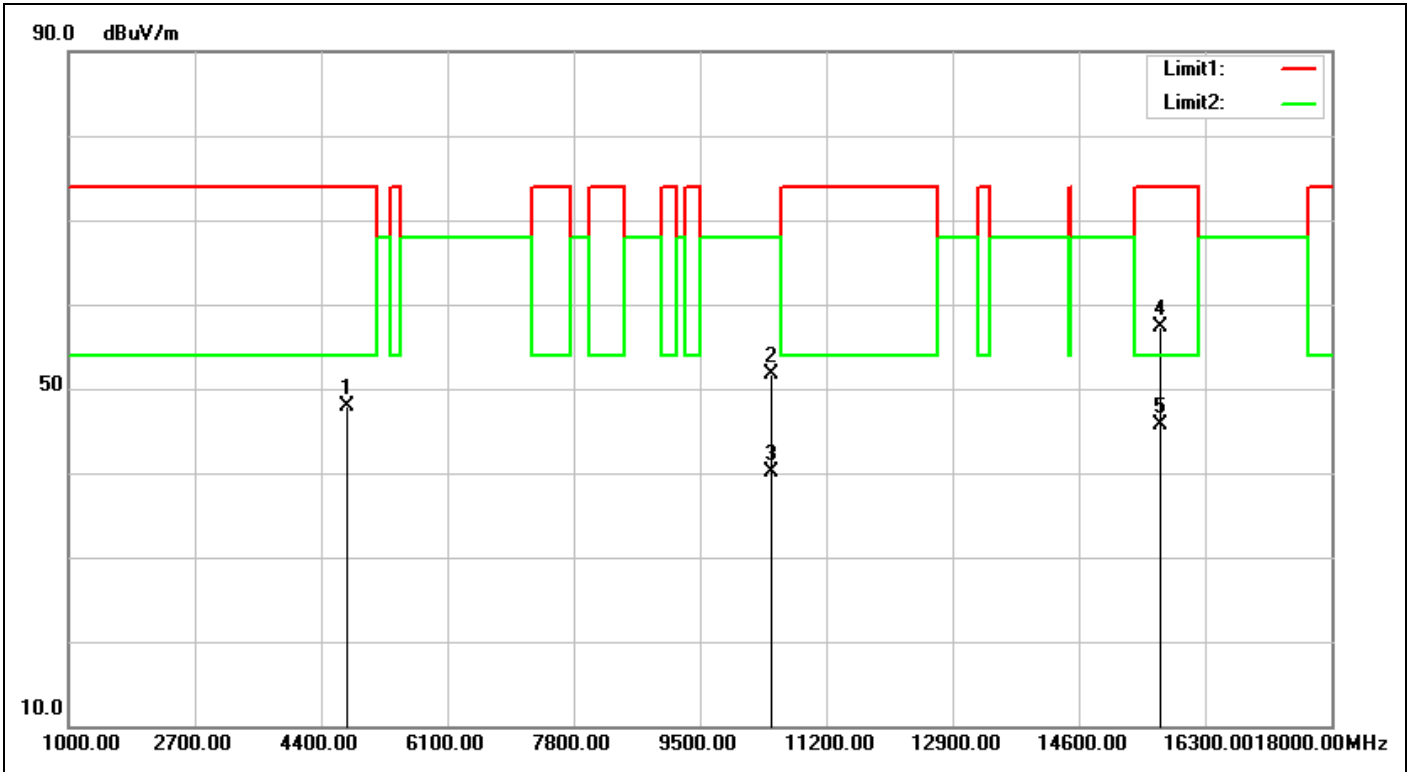
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 02:44:53
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5200-TX		
Remark:	Power Setting 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4553.000	-2.15	50.67	48.52	74.00	-25.48	peak	100	119	
2	10400.000	5.49	46.72	52.21	68.00	-15.79	peak			
3	10400.000	5.49	34.82	40.31	68.00	-27.69	AVG			
4	15600.000	11.69	43.32	55.01	74.00	-18.99	peak			
5	15600.000	11.69	31.32	43.01	54.00	-10.99	AVG			



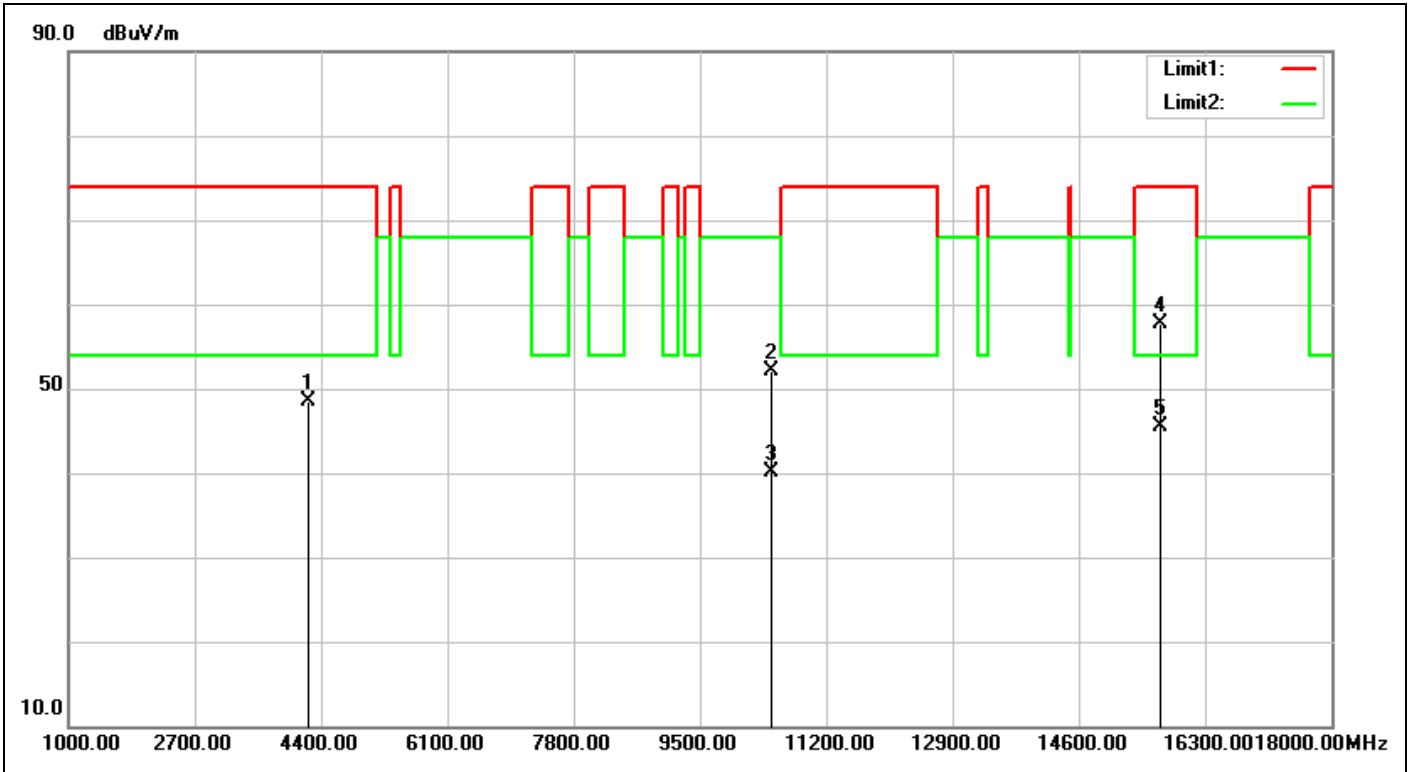
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 02:45:45
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5200-TX		
Remark:	Power Setting 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4553.000	-2.15	50.02	47.87	74.00	-26.13	peak	100	217	
2	10400.000	5.49	46.79	52.28	68.00	-15.72	peak			
3	10400.000	5.49	34.72	40.21	68.00	-27.79	AVG			
4	15600.000	11.69	43.23	54.92	74.00	-19.08	peak			
5	15600.000	11.69	31.31	43.00	54.00	-11.00	AVG			



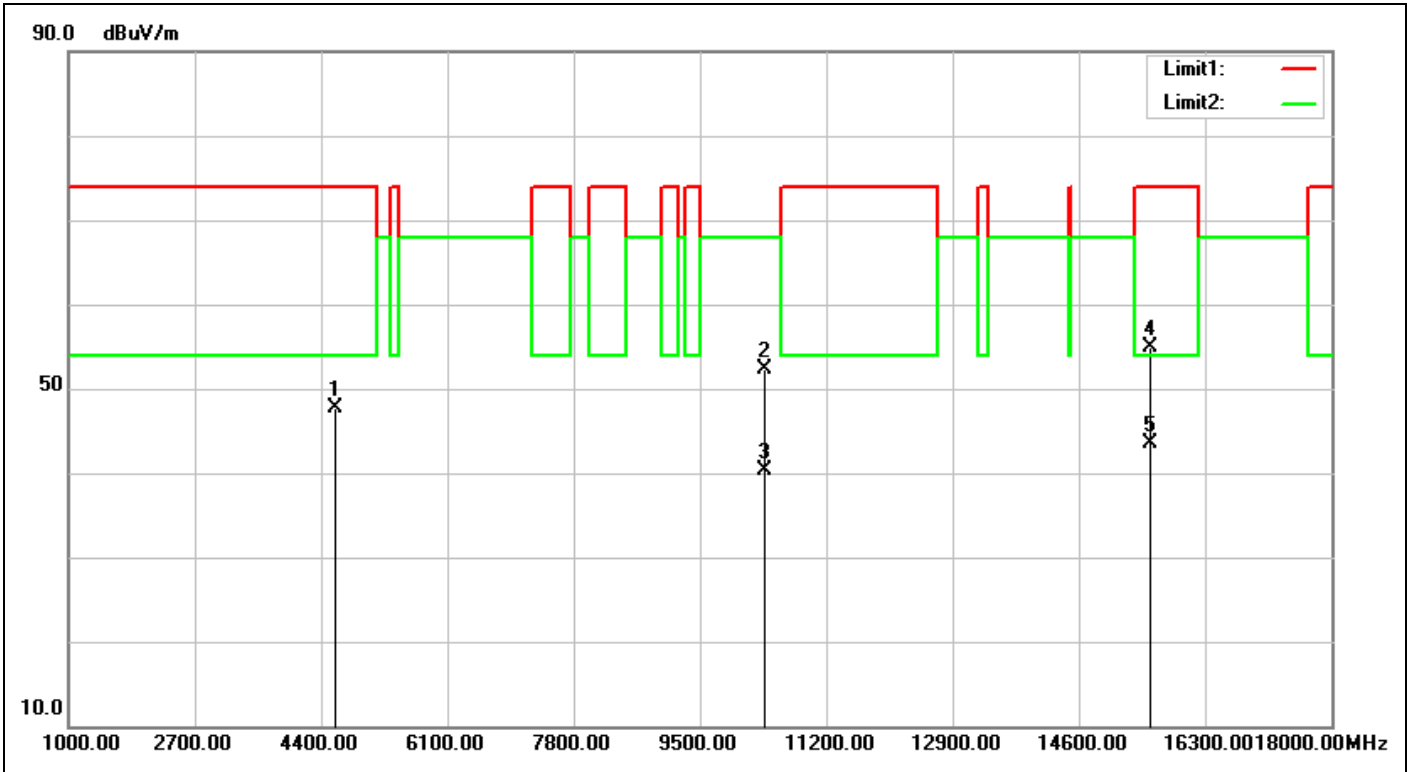
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Test item:	Radiation Emission	Test Time:	2018/4/13 02:50:34
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5240-TX		
Remark:	Power Setting 21		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4757.000	-1.81	49.63	47.82	74.00	-26.18	peak	100	355	
2	10480.000	5.32	46.43	51.75	68.00	-16.25	peak			
3	10480.000	5.32	34.78	40.10	68.00	-27.90	AVG			
4	15720.000	12.02	45.33	57.35	74.00	-16.65	peak			
5	15720.000	12.02	33.64	45.66	54.00	-8.34	AVG			



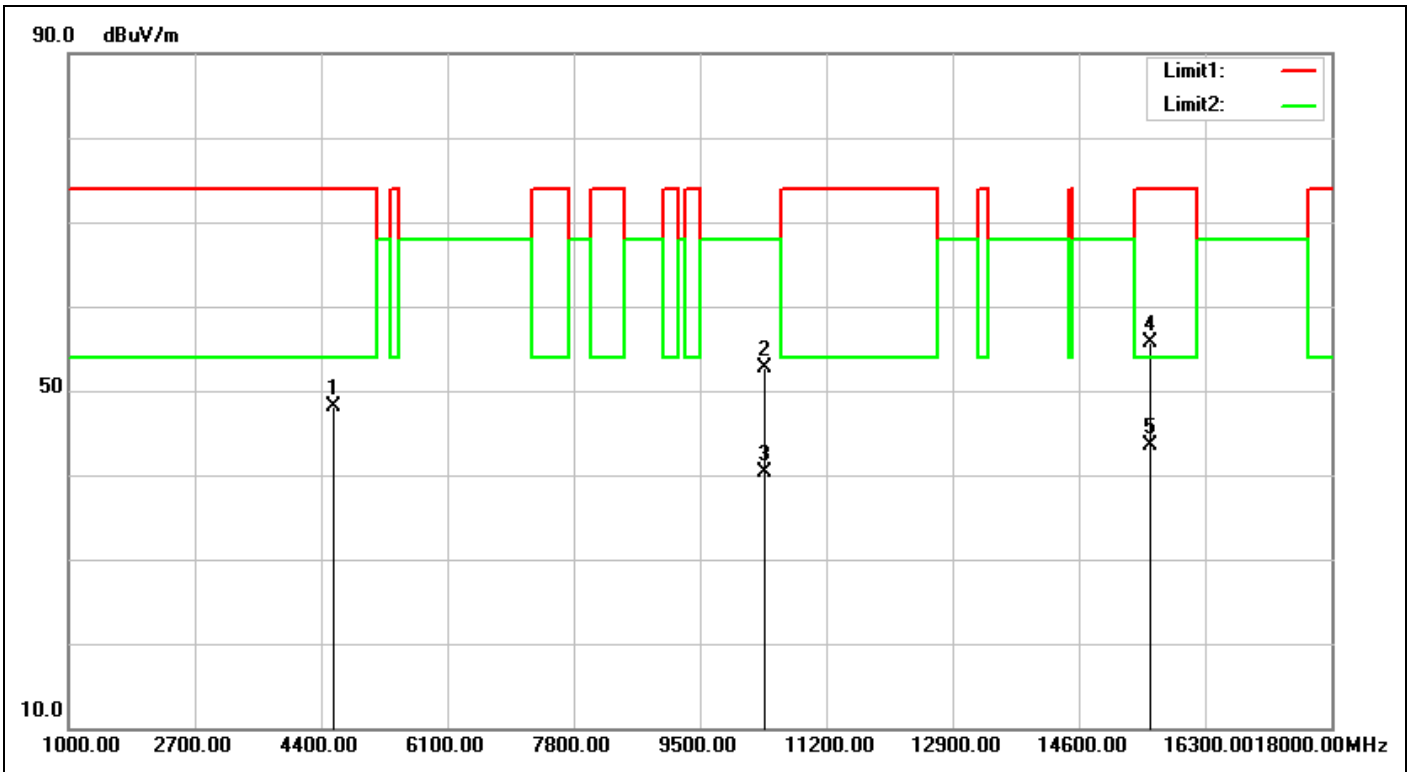
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 02:51:27
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5240-TX		
Remark:	Power Setting 21		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4230.000	-3.22	51.72	48.50	74.00	-25.50	peak	100	231	
2	10480.000	5.32	46.80	52.12	68.00	-15.88	peak			
3	10480.000	5.32	34.73	40.05	68.00	-27.95	AVG			
4	15720.000	12.02	45.61	57.63	74.00	-16.37	peak			
5	15720.000	12.02	33.51	45.53	54.00	-8.47	AVG			



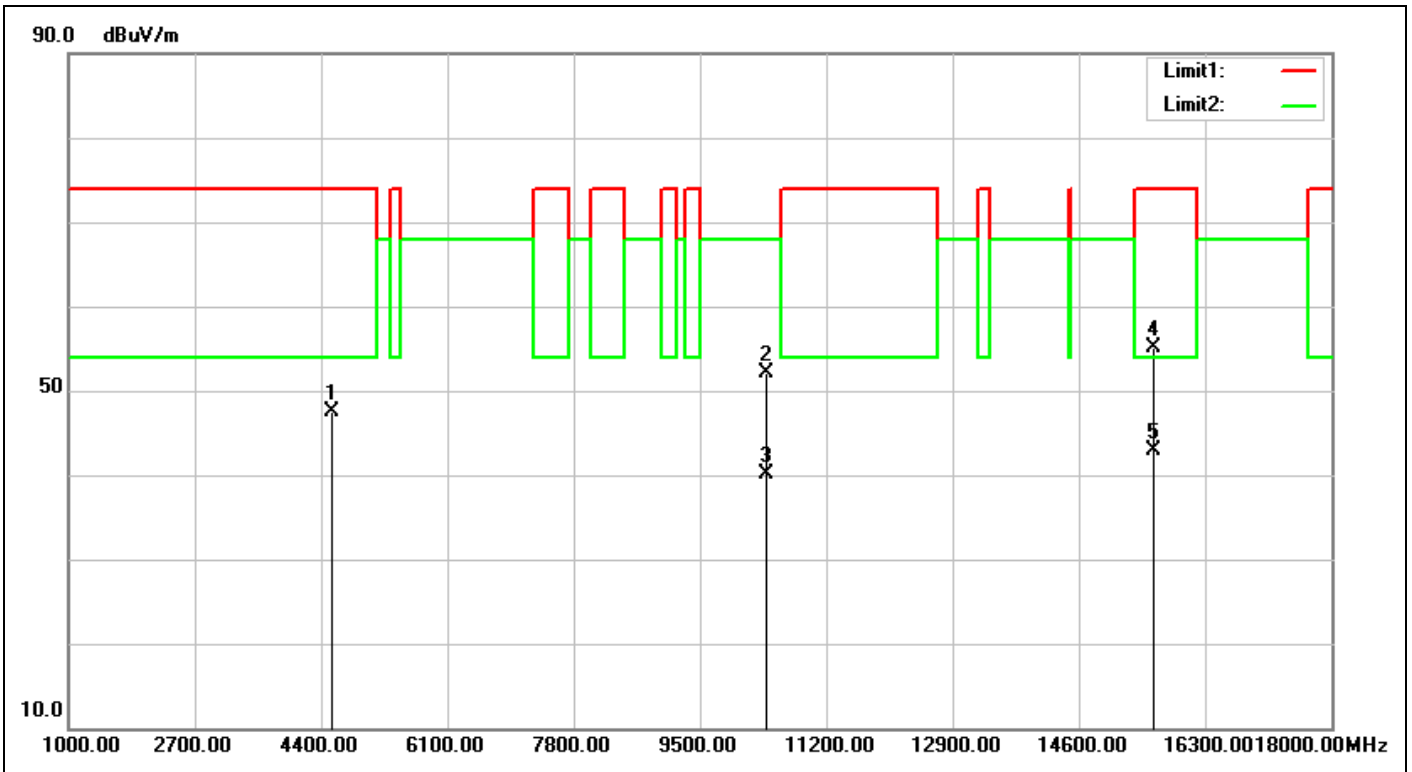
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 02:56:25
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5180-TX		
Remark:	Power Setting 1A 1F		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4587.000	-2.10	49.82	47.72	74.00	-26.28	peak	100	290	
2	10360.000	5.59	46.72	52.31	68.00	-15.69	peak			
3	10360.000	5.59	34.74	40.33	68.00	-27.67	AVG			
4	15540.000	11.53	43.44	54.97	74.00	-19.03	peak			
5	15540.000	11.53	32.00	43.53	54.00	-10.47	AVG			



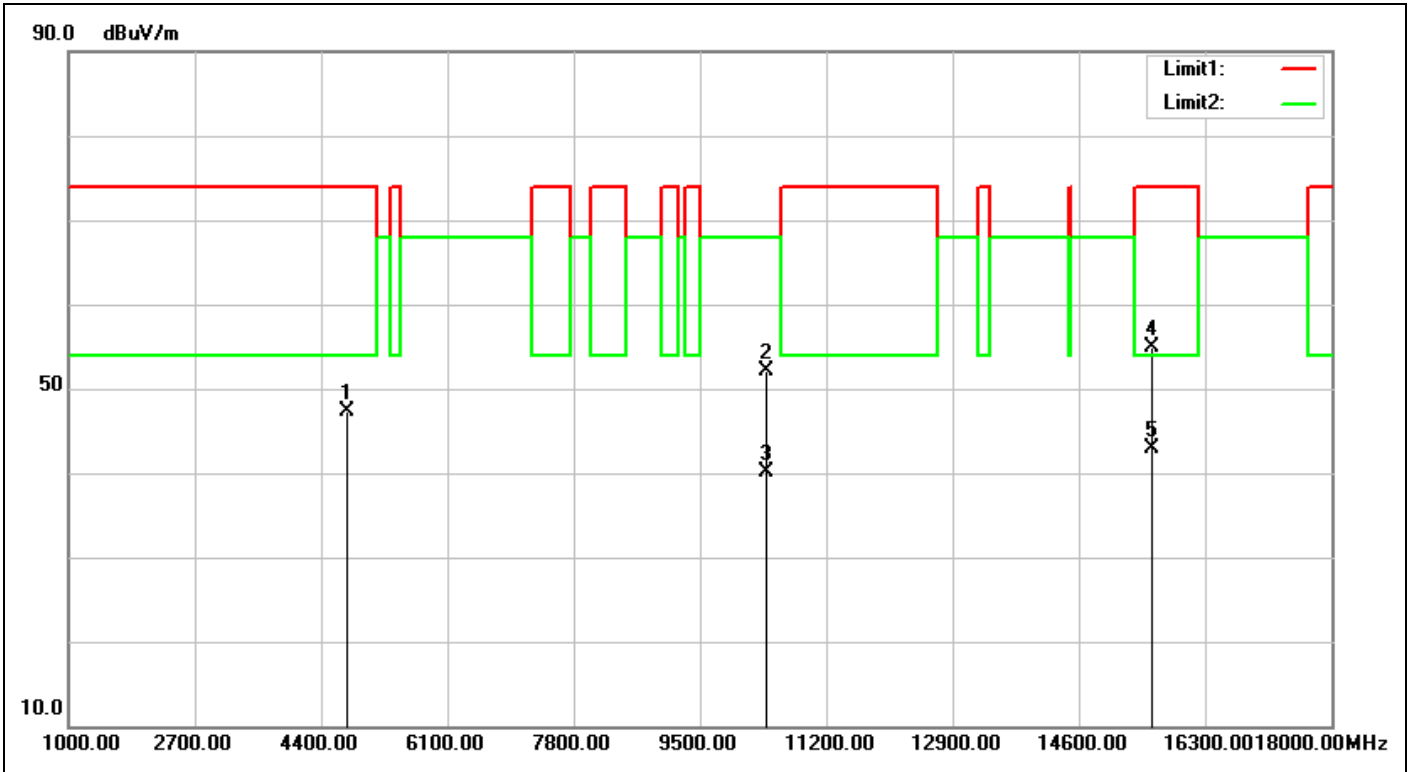
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 02:57:17
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5180-TX		
Remark:	Power Setting 1A 1F		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4570.000	-2.12	50.16	48.04	74.00	-25.96	peak	100	282	
2	10360.000	5.59	47.17	52.76	68.00	-15.24	peak			
3	10360.000	5.59	34.63	40.22	68.00	-27.78	AVG			
4	15540.000	11.53	44.12	55.65	74.00	-18.35	peak			
5	15540.000	11.53	31.93	43.46	54.00	-10.54	AVG			



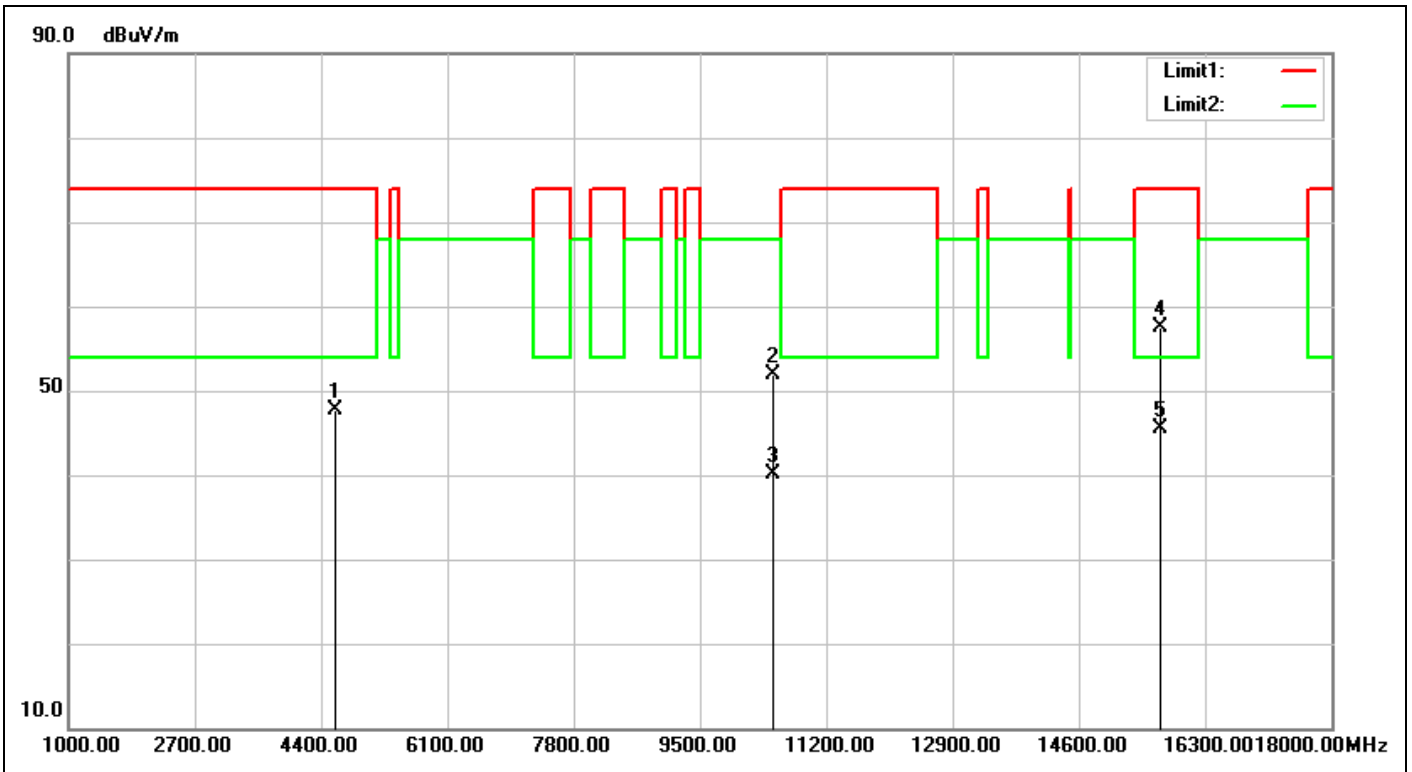
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:00:52
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5200-TX		
Remark:	Power Setting 1A 1D		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4553.000	-2.15	49.72	47.57	74.00	-26.43	peak	100	256	
2	10400.000	5.49	46.64	52.13	68.00	-15.87	peak			
3	10400.000	5.49	34.71	40.20	68.00	-27.80	AVG			
4	15600.000	11.69	43.46	55.15	74.00	-18.85	peak			
5	15600.000	11.69	31.23	42.92	54.00	-11.08	AVG			



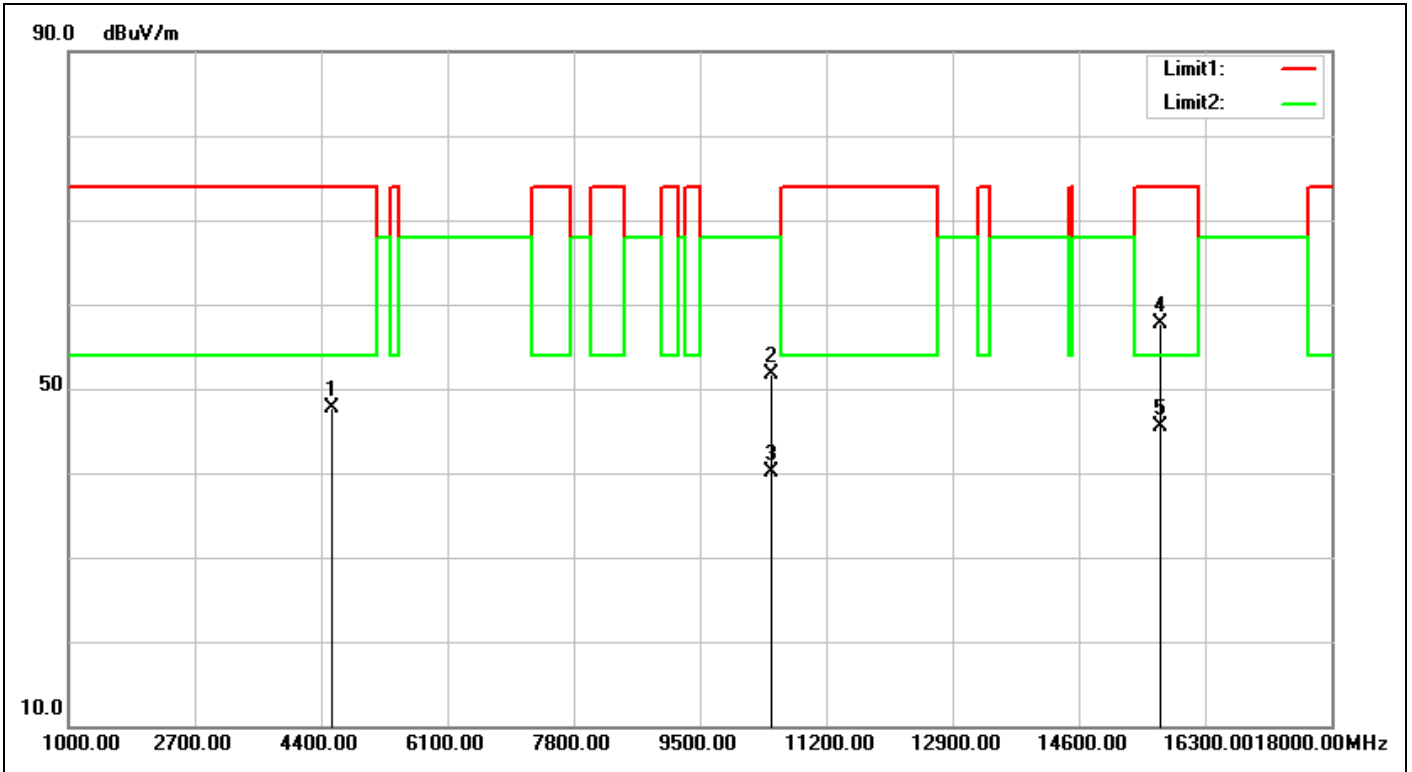
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:01:45
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5200-TX		
Remark:	Power Setting 1A 1D		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4757.000	-1.81	49.17	47.36	74.00	-26.64	peak	100	207	
2	10400.000	5.49	46.70	52.19	68.00	-15.81	peak			
3	10400.000	5.49	34.63	40.12	68.00	-27.88	AVG			
4	15600.000	11.69	43.25	54.94	74.00	-19.06	peak			
5	15600.000	11.69	31.18	42.87	54.00	-11.13	AVG			



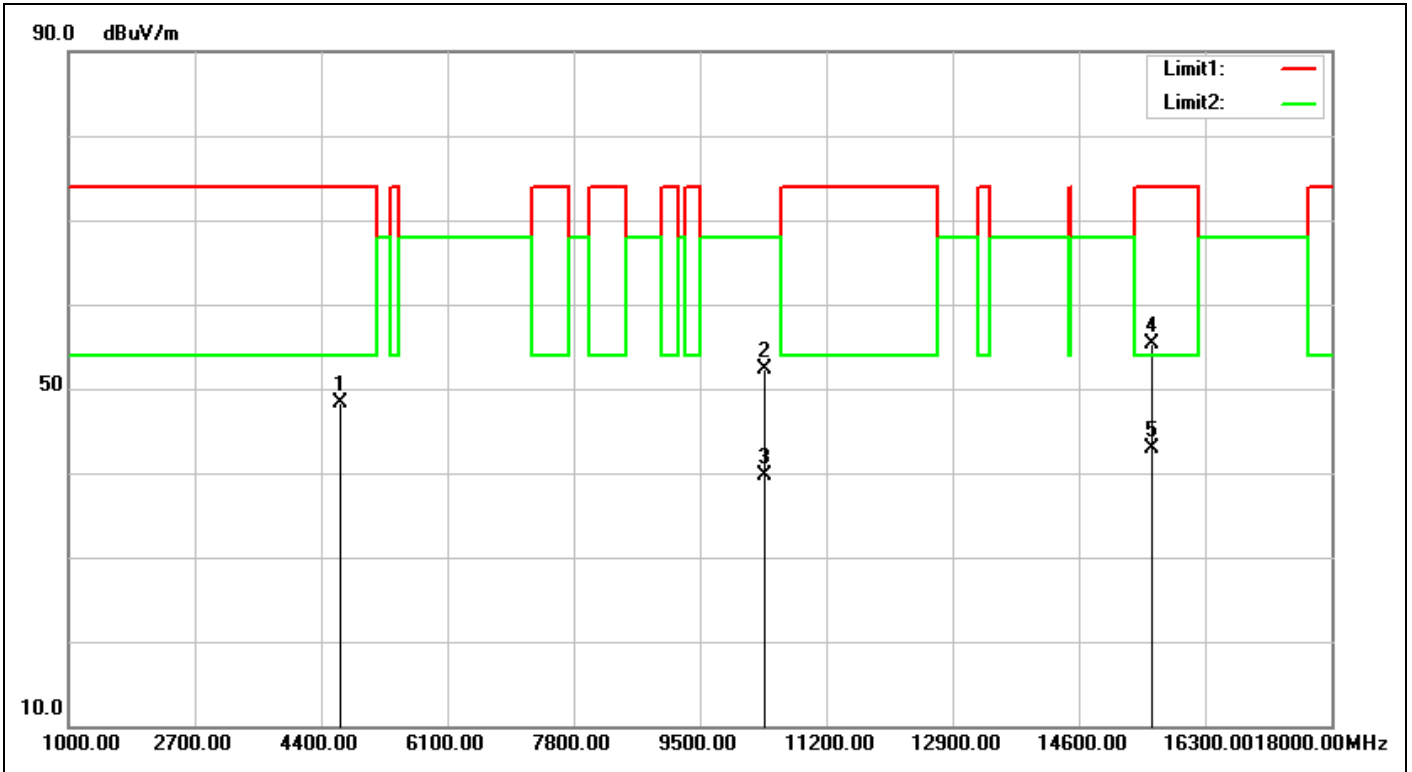
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:04:48
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5240-TX		
Remark:	Power Setting 1A 1B		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4587.000	-2.10	49.77	47.67	74.00	-26.33	peak	100	10	
2	10480.000	5.32	46.65	51.97	68.00	-16.03	peak			
3	10480.000	5.32	34.78	40.10	68.00	-27.90	AVG			
4	15720.000	12.02	45.41	57.43	74.00	-16.57	peak			
5	15720.000	12.02	33.48	45.50	54.00	-8.50	AVG			



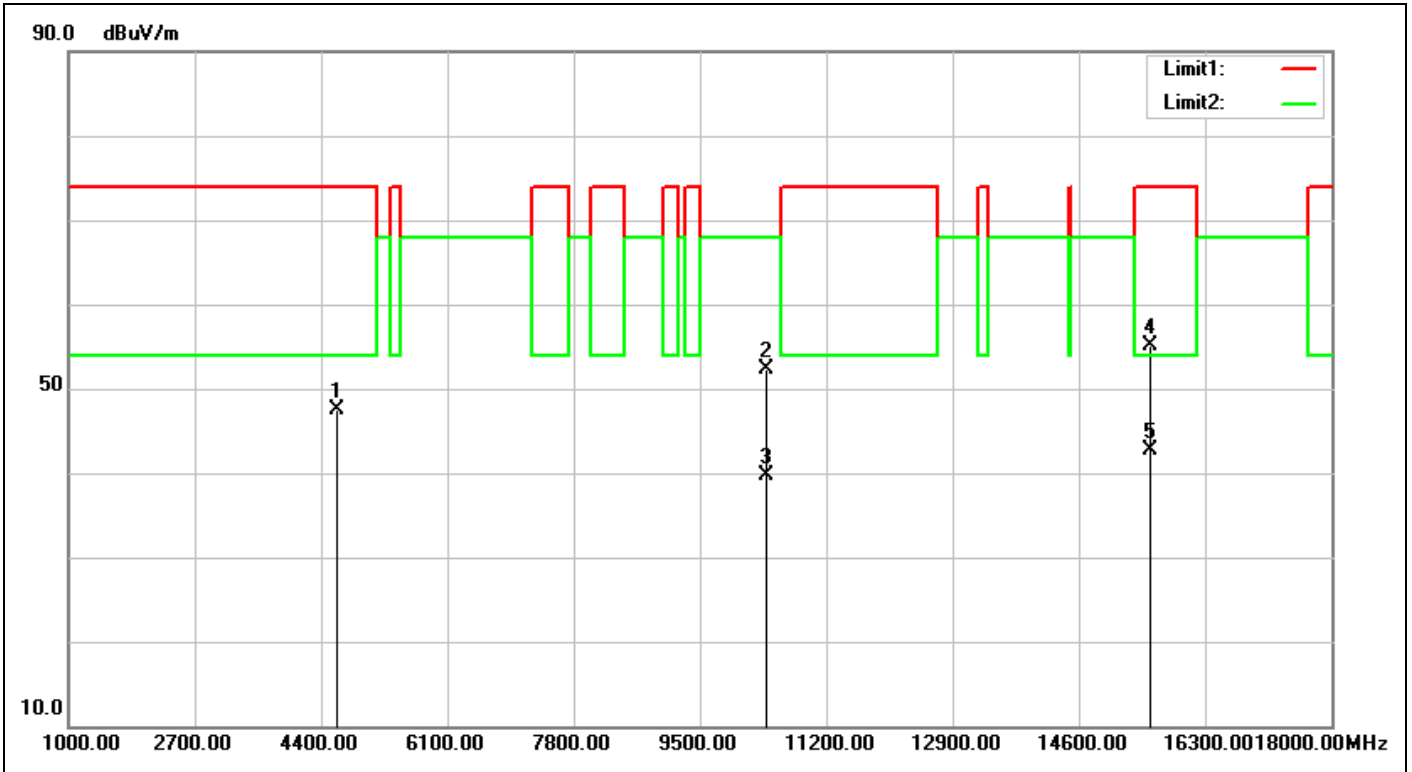
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:05:41
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5240-TX		
Remark:	Power Setting 1A 1B		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4553.000	-2.15	49.91	47.76	74.00	-26.24	peak	100	39	
2	10480.000	5.32	46.39	51.71	68.00	-16.29	peak			
3	10480.000	5.32	34.76	40.08	68.00	-27.92	AVG			
4	15720.000	12.02	45.67	57.69	74.00	-16.31	peak			
5	15720.000	12.02	33.44	45.46	54.00	-8.54	AVG			



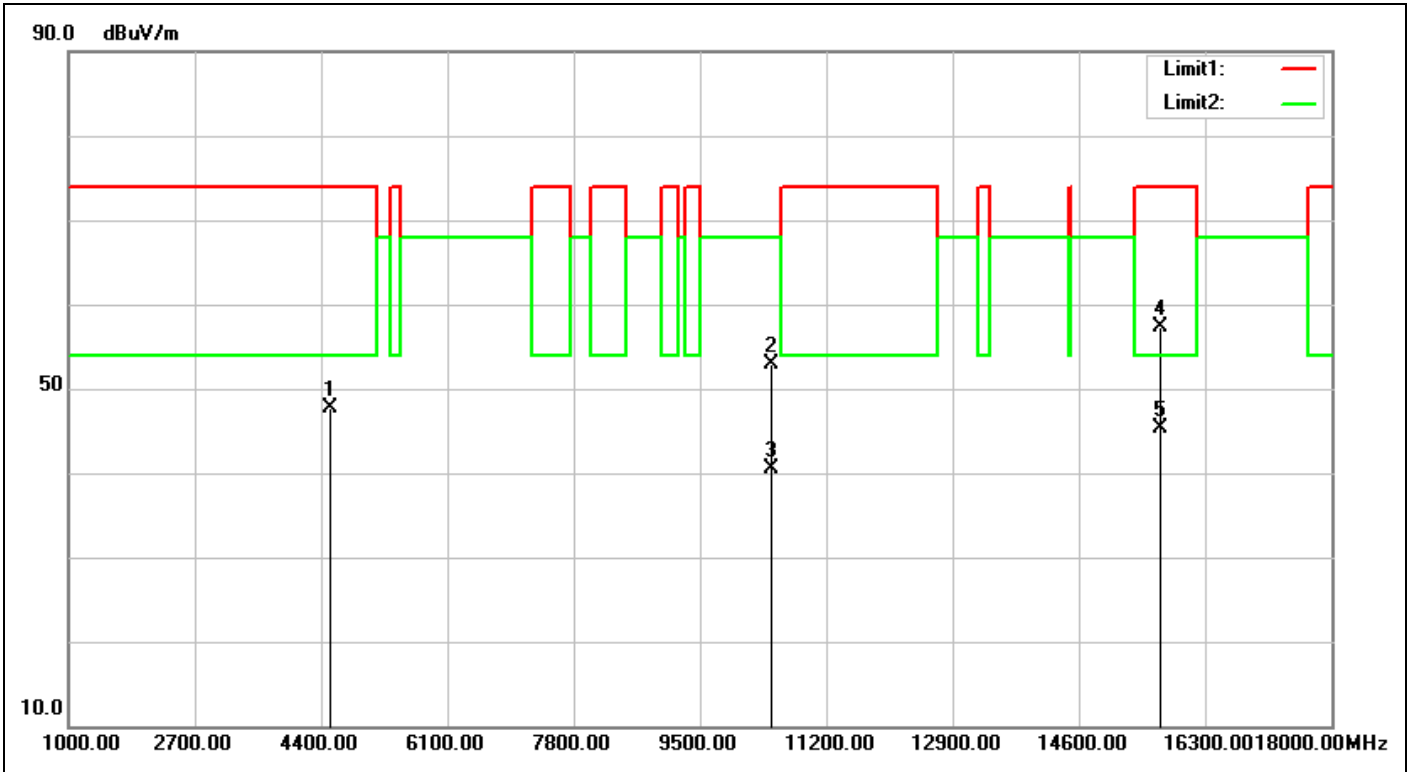
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:09:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5190-TX		
Remark:	Power Setting 18 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4655.000	-1.97	50.28	48.31	74.00	-25.69	peak	100	0	
2	10380.000	5.54	46.68	52.22	68.00	-15.78	peak			
3	10380.000	5.54	34.21	39.75	68.00	-28.25	AVG			
4	15570.000	11.61	43.66	55.27	74.00	-18.73	peak			
5	15570.000	11.61	31.20	42.81	54.00	-11.19	AVG			



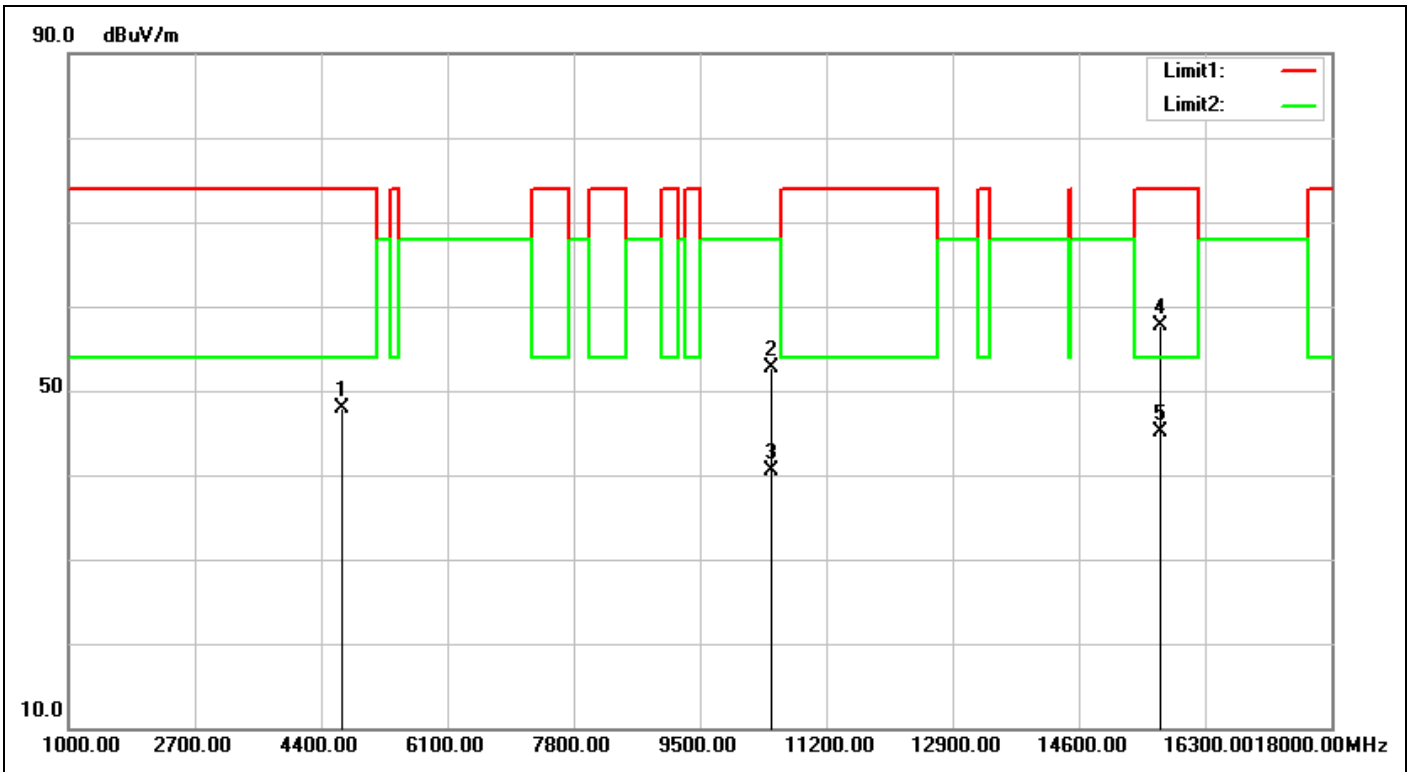
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:10:11
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5190-TX		
Remark:	Power Setting 18 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4604.000	-2.07	49.61	47.54	74.00	-26.46	peak	100	56	
2	10380.000	5.54	46.74	52.28	68.00	-15.72	peak			
3	10380.000	5.54	34.12	39.66	68.00	-28.34	AVG			
4	15570.000	11.61	43.41	55.02	74.00	-18.98	peak			
5	15570.000	11.61	31.10	42.71	54.00	-11.29	AVG			



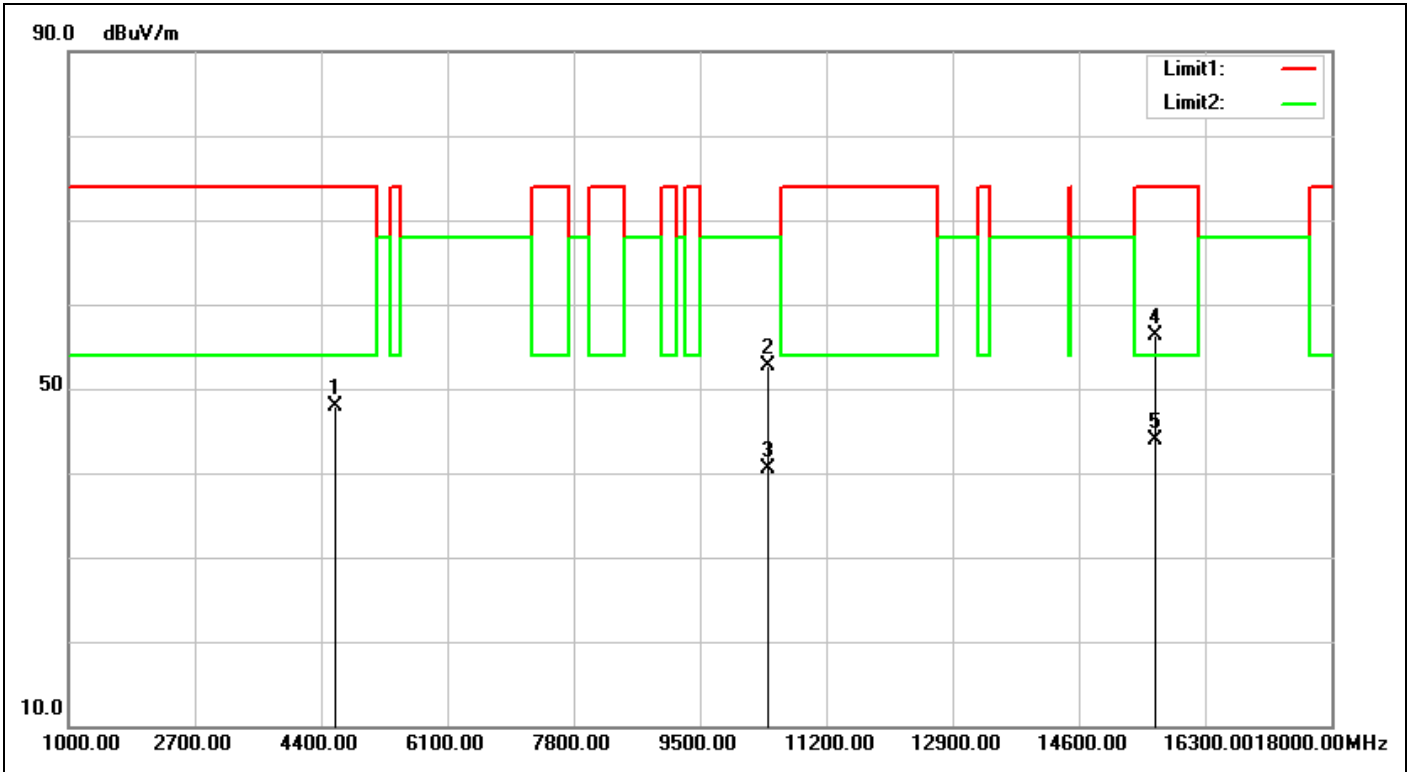
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:13:27
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5230-TX		
Remark:	Power Setting 18 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4519.000	-2.20	49.89	47.69	74.00	-26.31	peak	100	311	
2	10460.000	5.37	47.49	52.86	68.00	-15.14	peak			
3	10460.000	5.37	35.21	40.58	68.00	-27.42	AVG			
4	15690.000	11.94	45.42	57.36	74.00	-16.64	peak			
5	15690.000	11.94	33.28	45.22	54.00	-8.78	AVG			



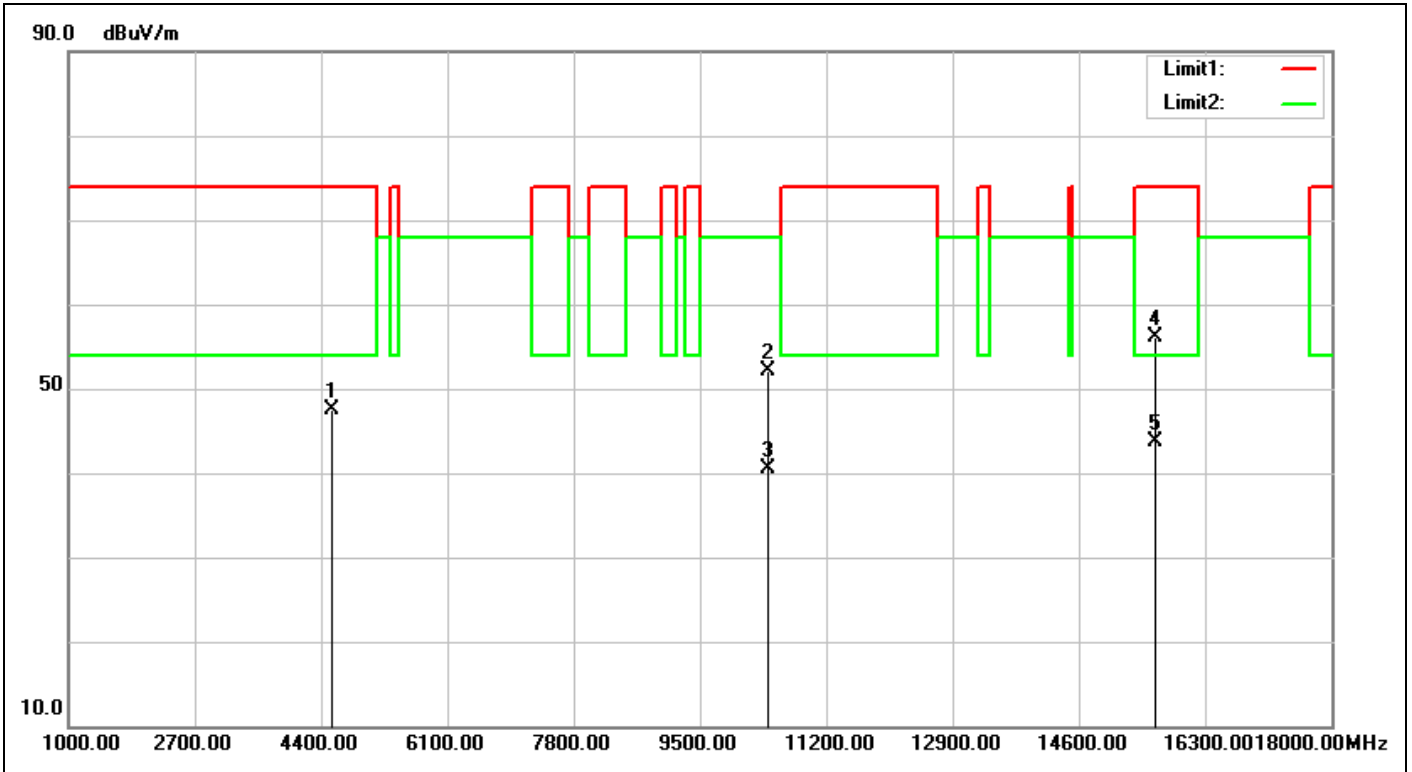
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:14:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5230-TX		
Remark:	Power Setting 18 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4672.000	-1.94	49.93	47.99	74.00	-26.01	peak	100	334	
2	10460.000	5.37	47.25	52.62	68.00	-15.38	peak			
3	10460.000	5.37	35.14	40.51	68.00	-27.49	AVG			
4	15690.000	11.94	45.78	57.72	74.00	-16.28	peak			
5	15690.000	11.94	33.16	45.10	54.00	-8.90	AVG			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:18:40
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5210-TX		
Remark:	Power Setting 18 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4587.000	-2.10	49.99	47.89	74.00	-26.11	peak	100	98	
2	10420.000	5.46	47.22	52.68	68.00	-15.32	peak			
3	10420.000	5.46	35.06	40.52	68.00	-27.48	AVG			
4	15630.000	11.78	44.44	56.22	74.00	-17.78	peak			
5	15630.000	11.78	32.04	43.82	54.00	-10.18	AVG			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:19:32
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5210-TX		
Remark:	Power Setting 18 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4536.000	-2.18	49.78	47.60	74.00	-26.40	peak	100	26	
2	10420.000	5.46	46.59	52.05	68.00	-15.95	peak			
3	10420.000	5.46	34.99	40.45	68.00	-27.55	AVG			
4	15630.000	11.78	44.29	56.07	74.00	-17.93	peak			
5	15630.000	11.78	32.01	43.79	54.00	-10.21	AVG			

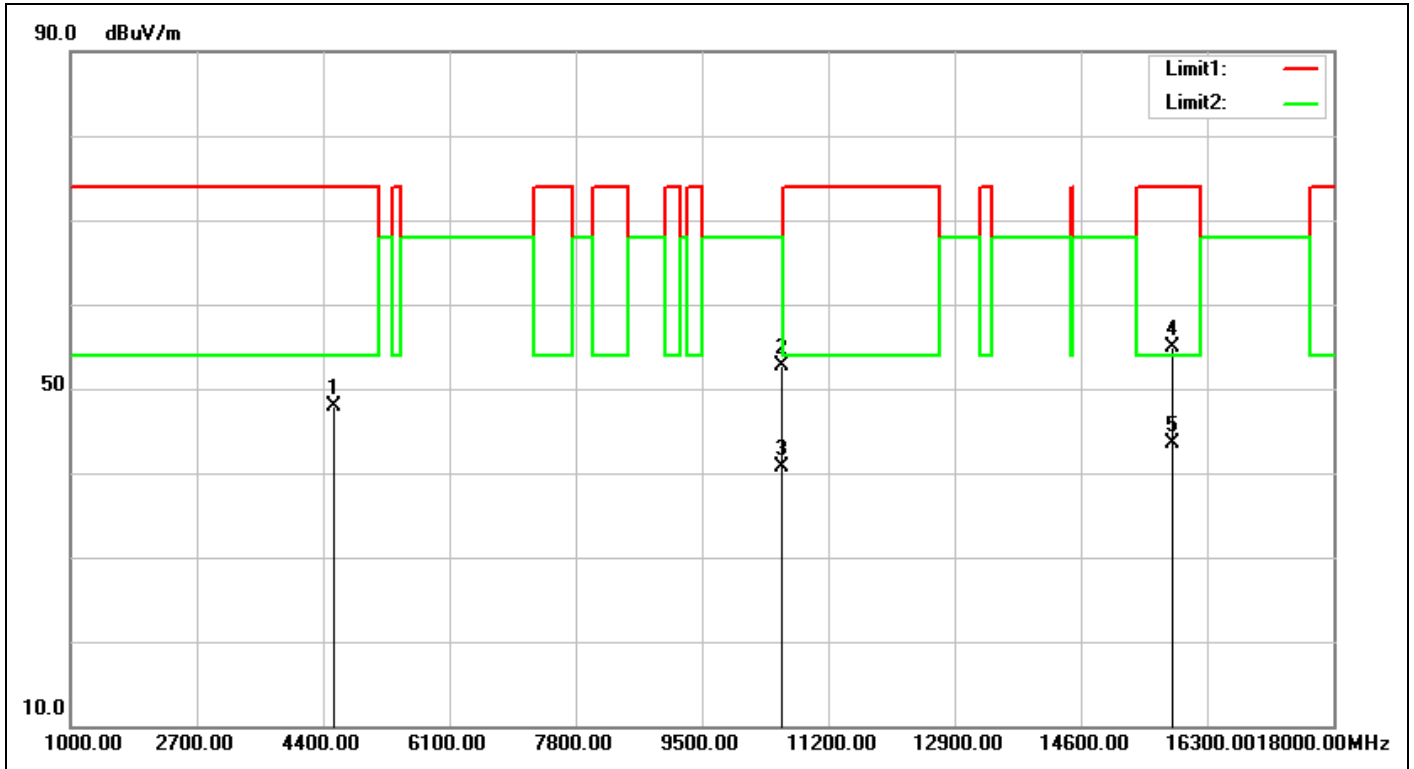
Spurious Emissions, TX Mode, 1-18G, U-NII-2A



TUV Rheinland Taiwan Ltd.

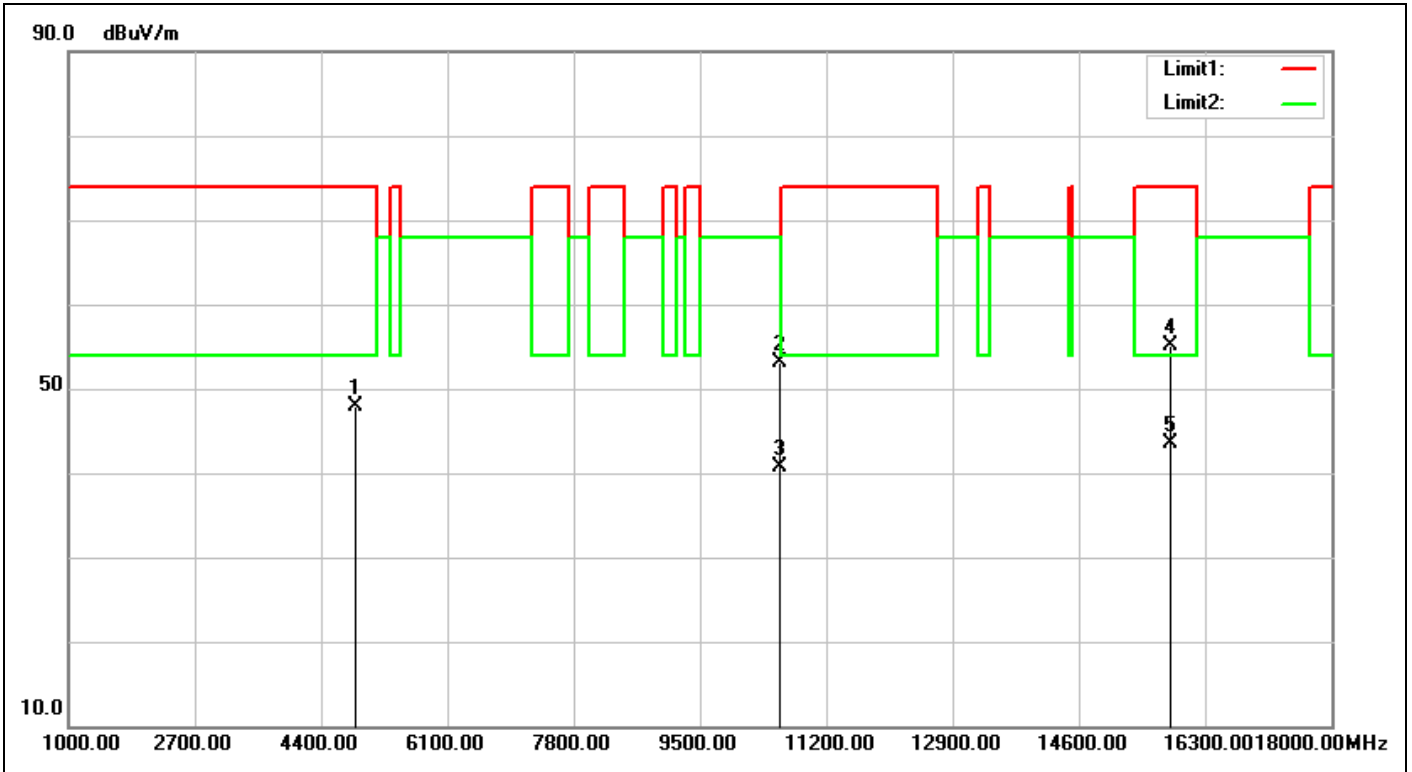
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



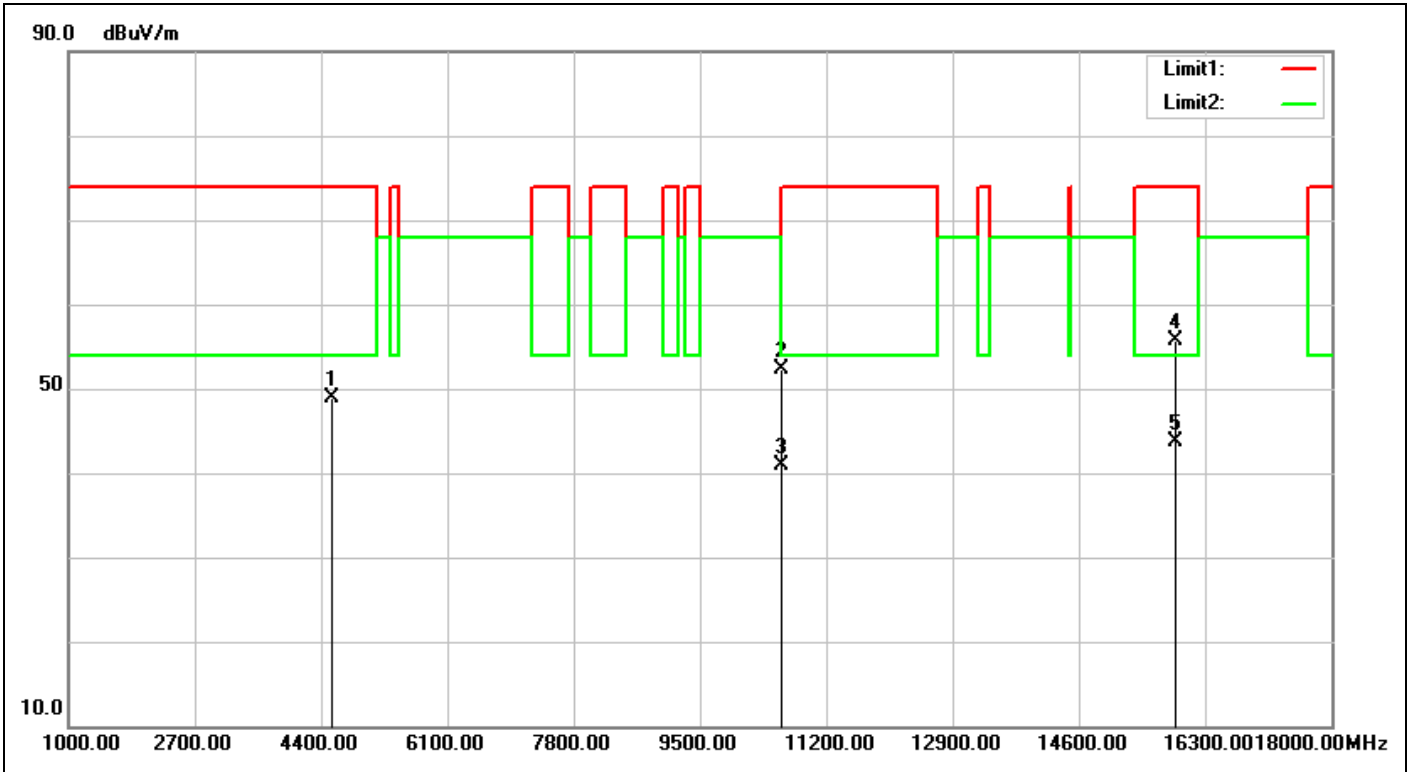
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:26:21
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5280-TX		
Remark:	Power Setting 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4553.000	-2.15	50.08	47.93	74.00	-26.07	peak	100	359	
2	10560.000	5.24	47.50	52.74	68.00	-15.26	peak		0	
3	10560.000	5.24	35.52	40.76	68.00	-27.24	AVG		0	
4	15840.000	12.35	42.55	54.90	74.00	-19.10	peak		0	
5	15840.000	12.35	31.11	43.46	54.00	-10.54	AVG		0	



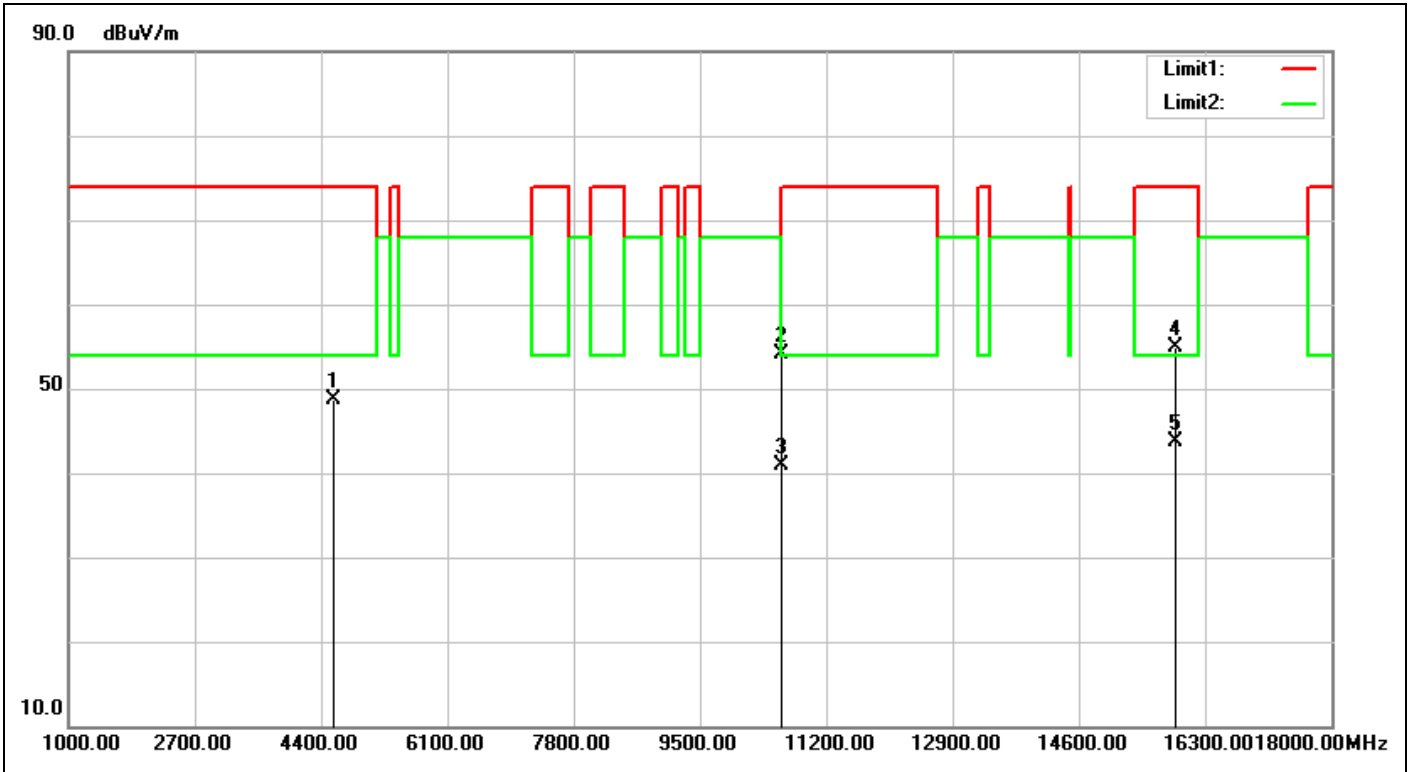
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:27:14
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5280-TX		
Remark:	Power Setting 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4859.000	-1.65	49.50	47.85	74.00	-26.15	peak	100	70	
2	10560.000	5.24	47.82	53.06	68.00	-14.94	peak			
3	10560.000	5.24	35.47	40.71	68.00	-27.29	AVG			
4	15840.000	12.35	42.84	55.19	74.00	-18.81	peak			
5	15840.000	12.35	31.08	43.43	54.00	-10.57	AVG			



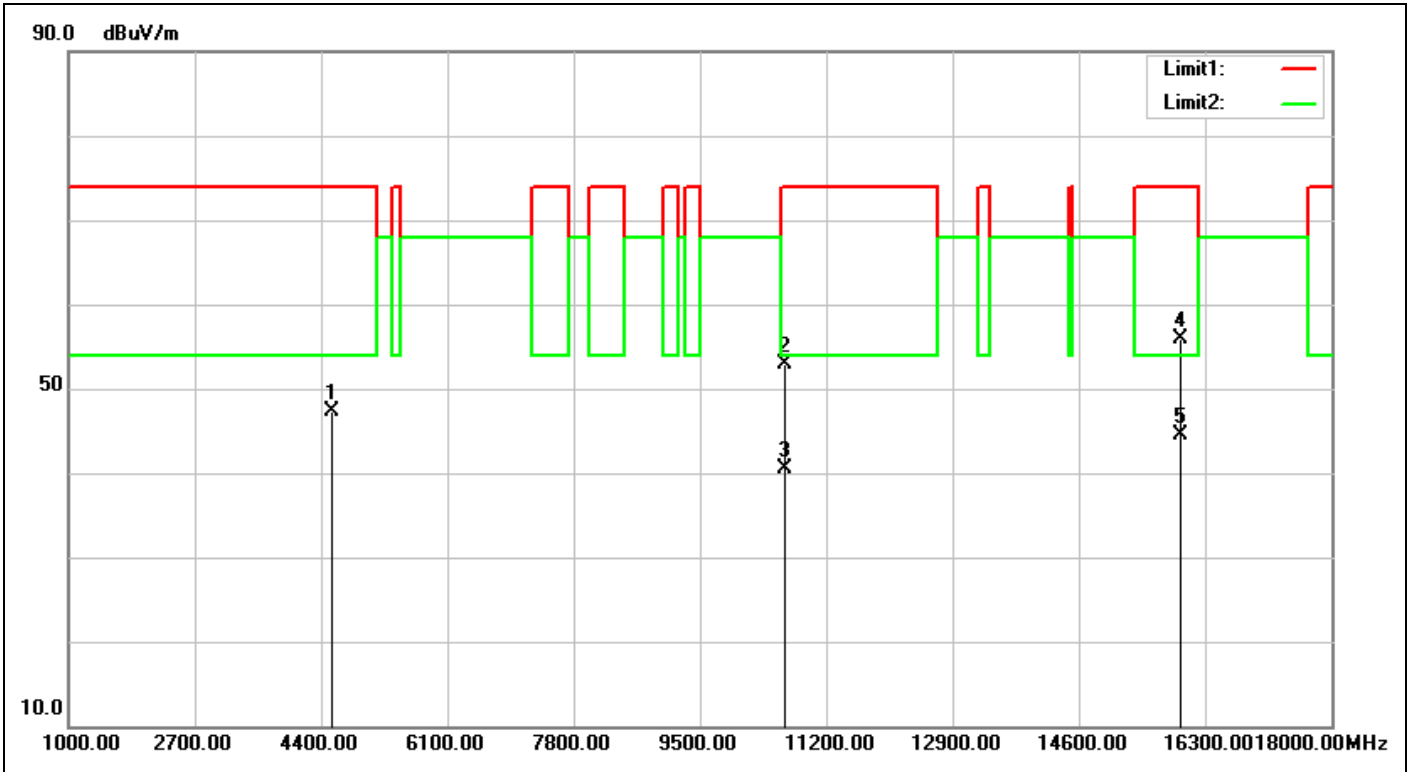
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:31:11
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5300-TX		
Remark:	Power Setting 21		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4553.000	-2.15	51.14	48.99	74.00	-25.01	peak	100	355	
2	10600.000	5.20	47.05	52.25	68.00	-15.75	peak			
3	10600.000	5.20	35.71	40.91	54.00	-13.09	AVG			
4	15900.000	12.51	43.25	55.76	74.00	-18.24	peak			
5	15900.000	12.51	31.22	43.73	54.00	-10.27	AVG			



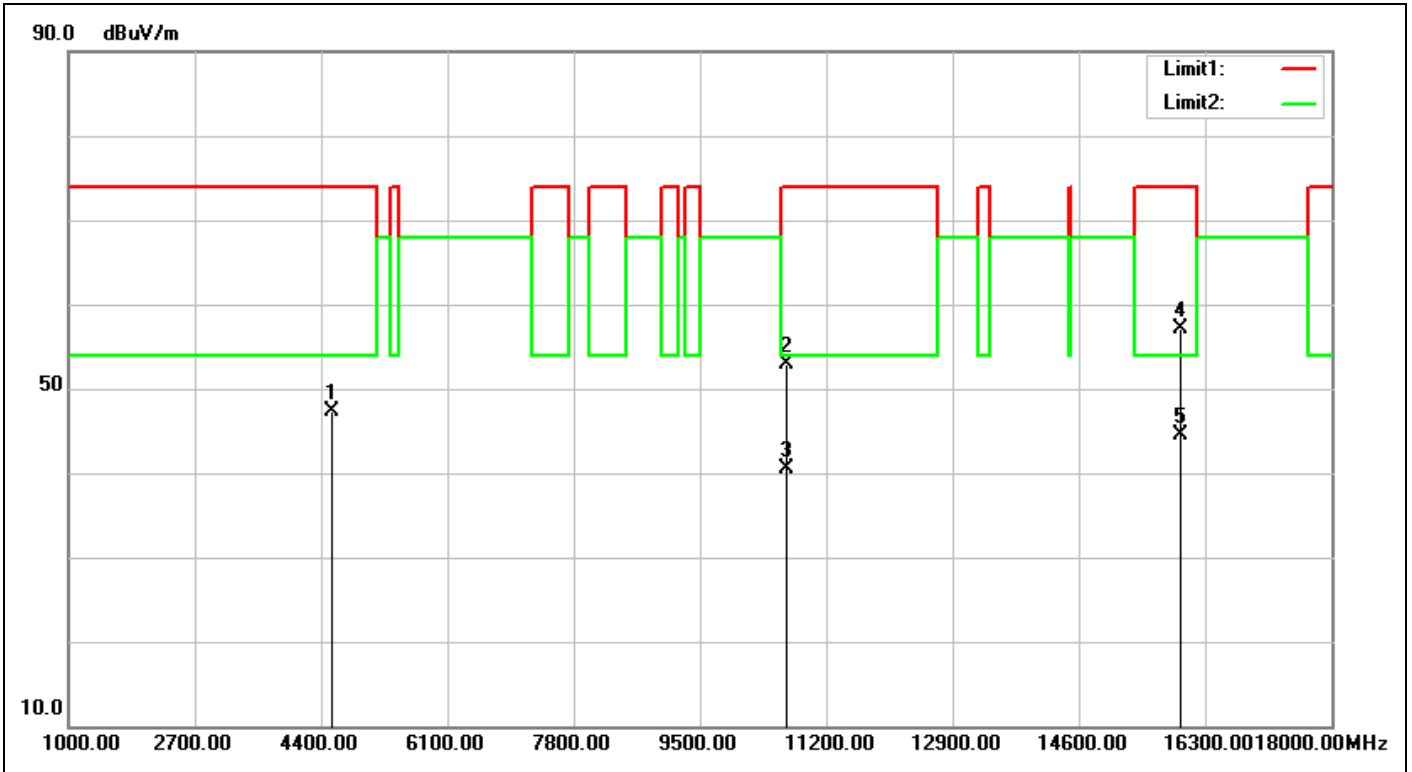
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:32:03
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5300-TX		
Remark:	Power Setting 21		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4570.000	-2.12	50.77	48.65	74.00	-25.35	peak	100	288	
2	10600.000	5.20	48.99	54.19	68.00	-13.81	peak			
3	10600.000	5.20	35.66	40.86	54.00	-13.14	AVG			
4	15900.000	12.51	42.37	54.88	74.00	-19.12	peak			
5	15900.000	12.51	31.15	43.66	54.00	-10.34	AVG			



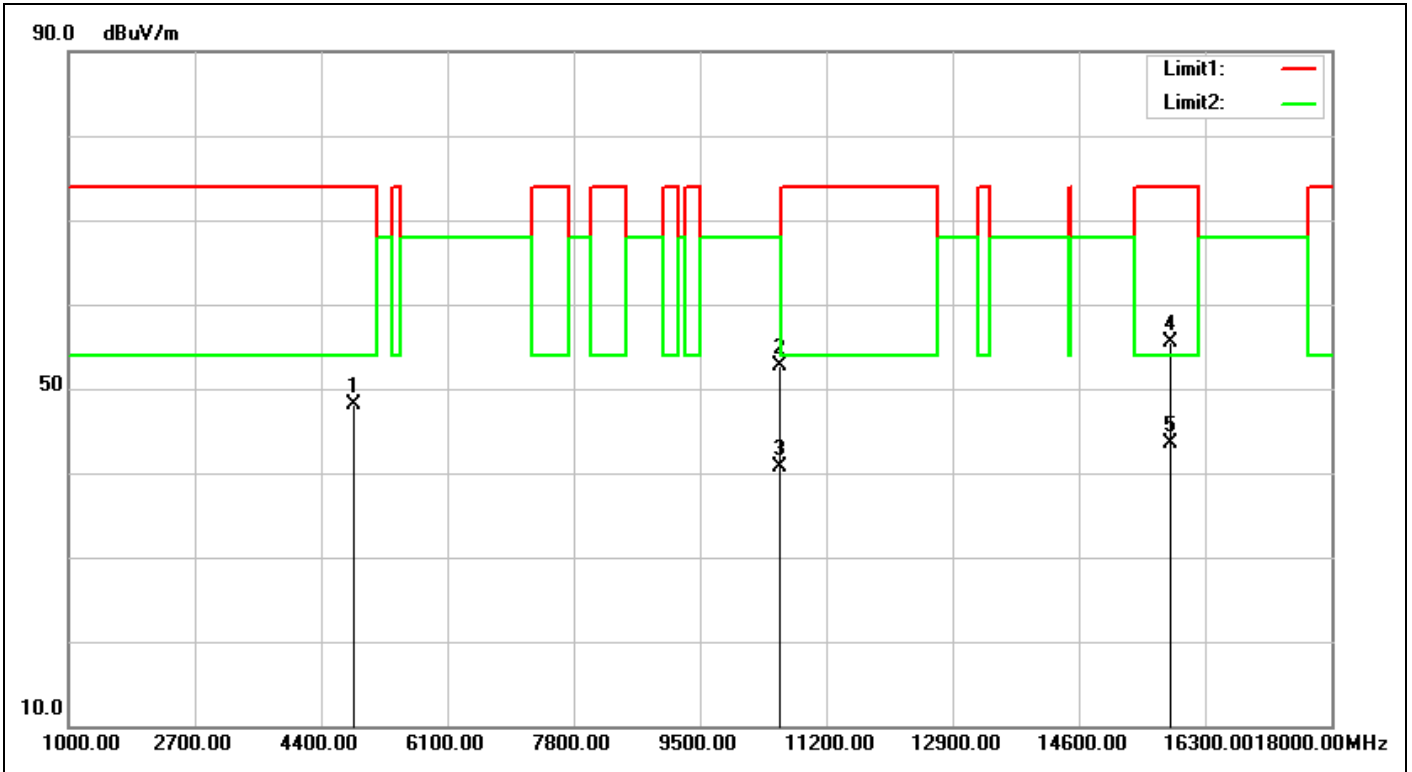
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:35:08
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5320-TX		
Remark:	Power Setting 20		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4536.000	-2.18	49.54	47.36	74.00	-26.64	peak	100	290	
2	10640.000	5.17	47.65	52.82	74.00	-21.18	peak			
3	10640.000	5.17	35.28	40.45	54.00	-13.55	AVG			
4	15960.000	12.67	43.30	55.97	74.00	-18.03	peak			
5	15960.000	12.67	31.93	44.60	54.00	-9.40	AVG			



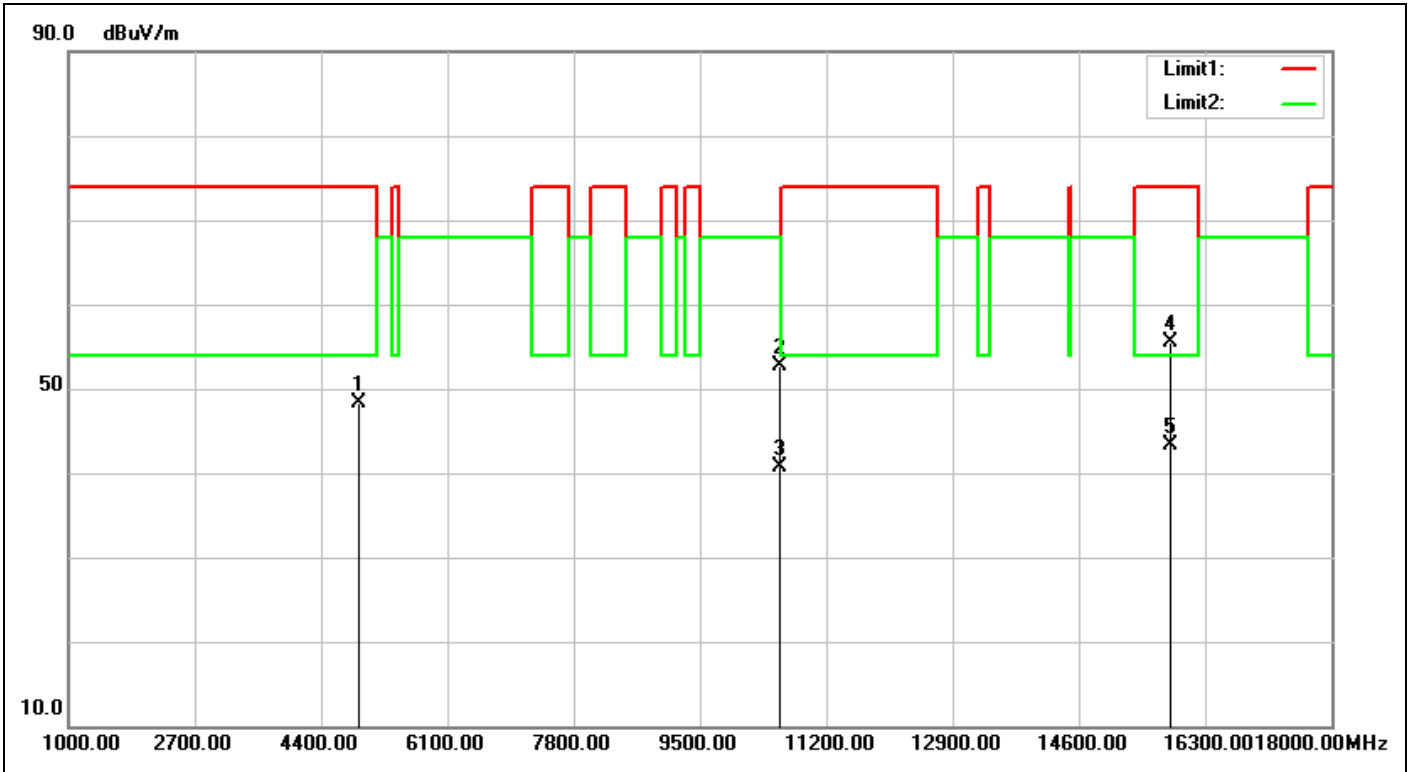
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:36:01
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5320-TX		
Remark:	Power Setting 20		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4553.000	-2.15	49.50	47.35	74.00	-26.65	peak	100	258	
2	10640.000	5.17	47.77	52.94	74.00	-21.06	peak			
3	10640.000	5.17	35.24	40.41	54.00	-13.59	AVG			
4	15960.000	12.67	44.45	57.12	74.00	-16.88	peak			
5	15960.000	12.67	31.88	44.55	54.00	-9.45	AVG			



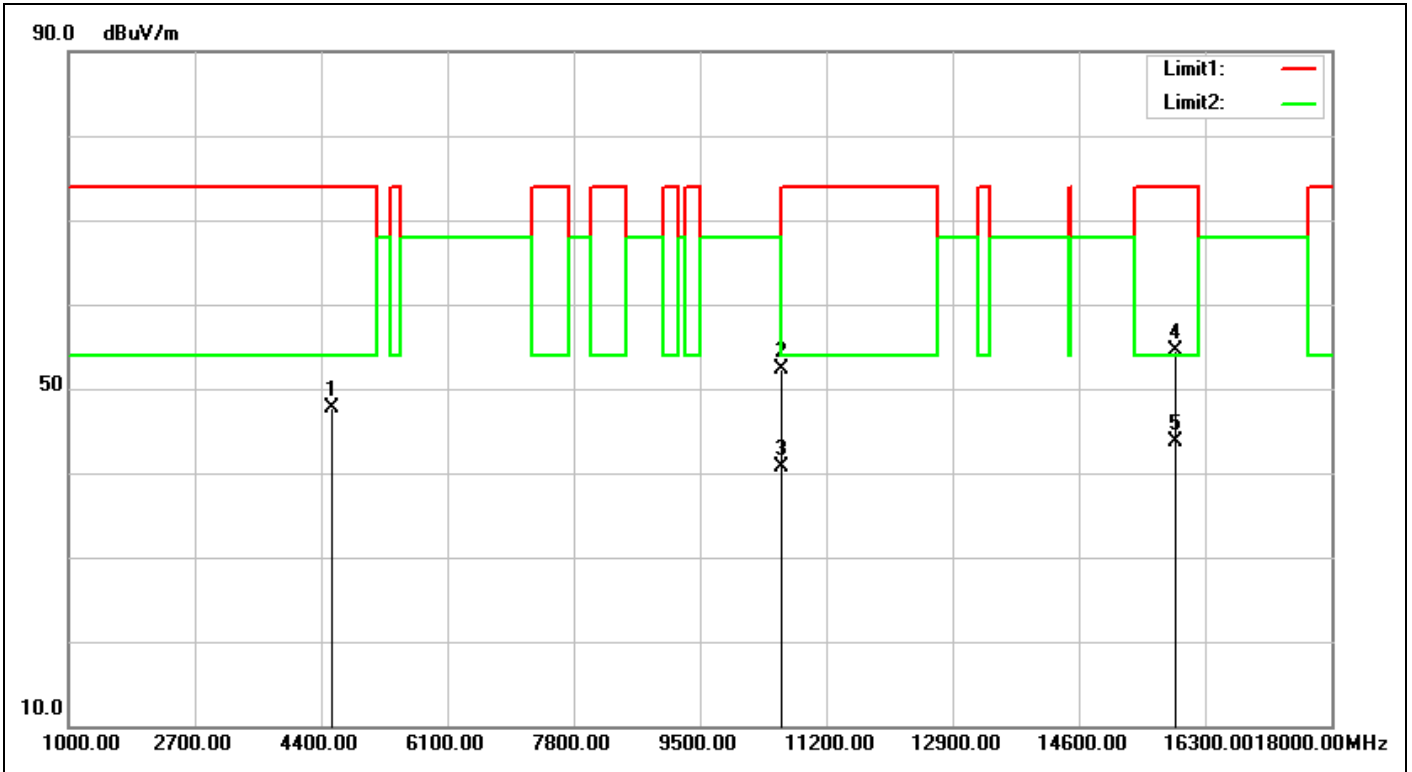
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:39:37
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5280-TX		
Remark:	Power Setting 19 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4842.000	-1.67	49.85	48.18	74.00	-25.82	peak	100	38	
2	10560.000	5.24	47.47	52.71	68.00	-15.29	peak			
3	10560.000	5.24	35.53	40.77	68.00	-27.23	AVG			
4	15840.000	12.35	43.12	55.47	74.00	-18.53	peak			
5	15840.000	12.35	31.10	43.45	54.00	-10.55	AVG			



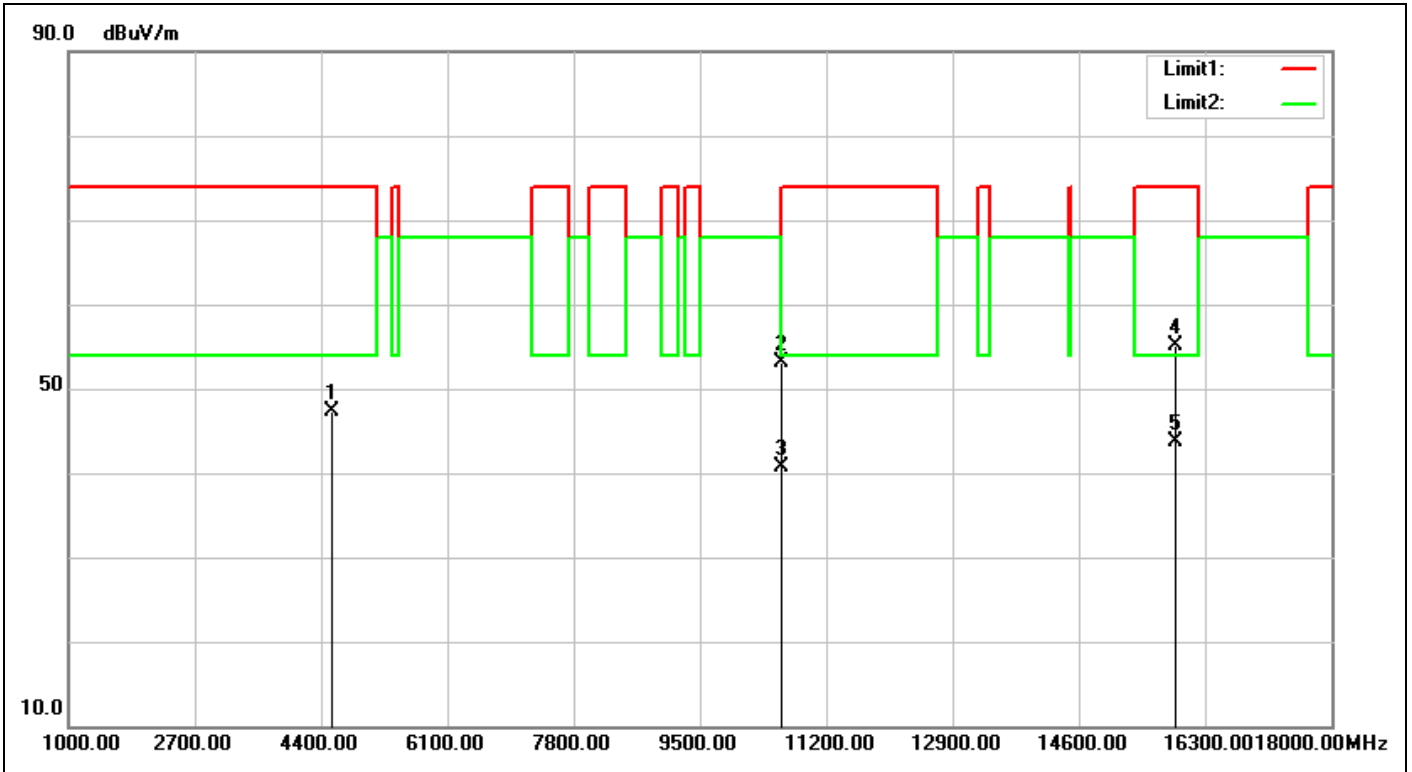
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:40:30
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5280-TX		
Remark:	Power Setting 19 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4910.000	-1.57	49.88	48.31	74.00	-25.69	peak	100	343	
2	10560.000	5.24	47.49	52.73	68.00	-15.27	peak			
3	10560.000	5.24	35.41	40.65	68.00	-27.35	AVG			
4	15840.000	12.35	43.06	55.41	74.00	-18.59	peak			
5	15840.000	12.35	31.00	43.35	54.00	-10.65	AVG			



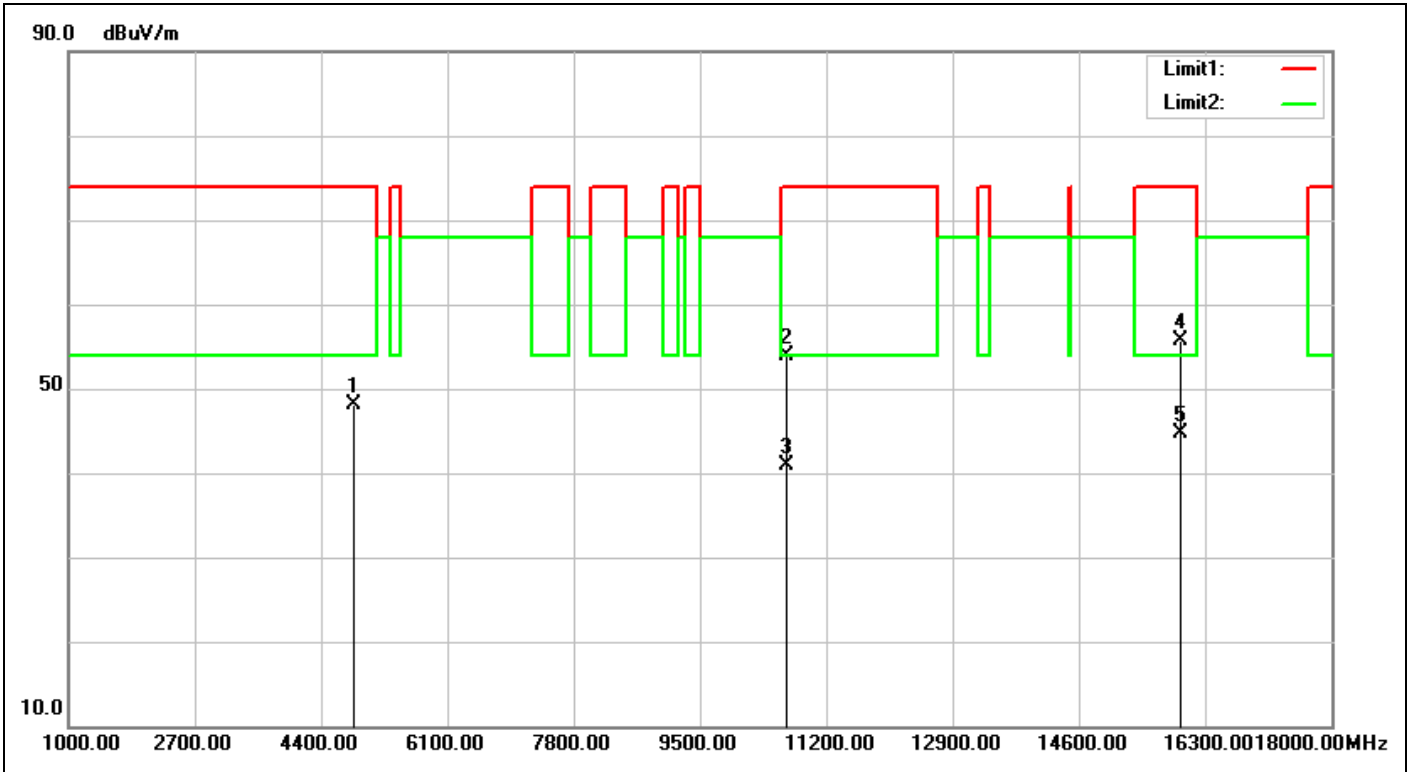
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:43:33
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5300-TX		
Remark:	Power Setting 1A 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4553.000	-2.15	49.86	47.71	74.00	-26.29	peak	100	355	
2	10600.000	5.20	47.09	52.29	68.00	-15.71	peak			
3	10600.000	5.20	35.49	40.69	54.00	-13.31	AVG			
4	15900.000	12.51	42.05	54.56	74.00	-19.44	peak			
5	15900.000	12.51	31.19	43.70	54.00	-10.30	AVG			



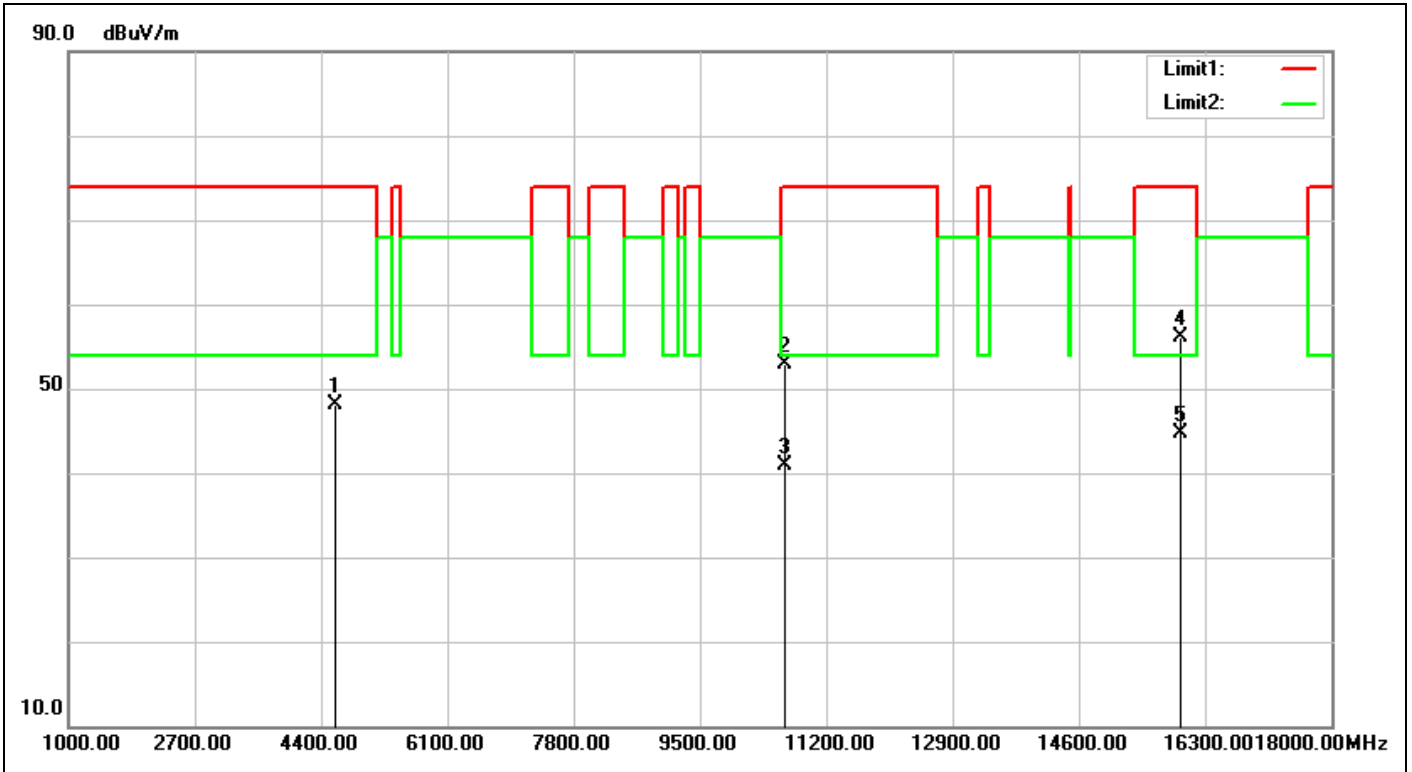
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:44:26
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5300-TX		
Remark:	Power Setting 1A 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4553.000	-2.15	49.49	47.34	74.00	-26.66	peak	100	42	
2	10600.000	5.20	47.98	53.18	68.00	-14.82	peak			
3	10600.000	5.20	35.42	40.62	54.00	-13.38	AVG			
4	15900.000	12.51	42.56	55.07	74.00	-18.93	peak			
5	15900.000	12.51	31.15	43.66	54.00	-10.34	AVG			



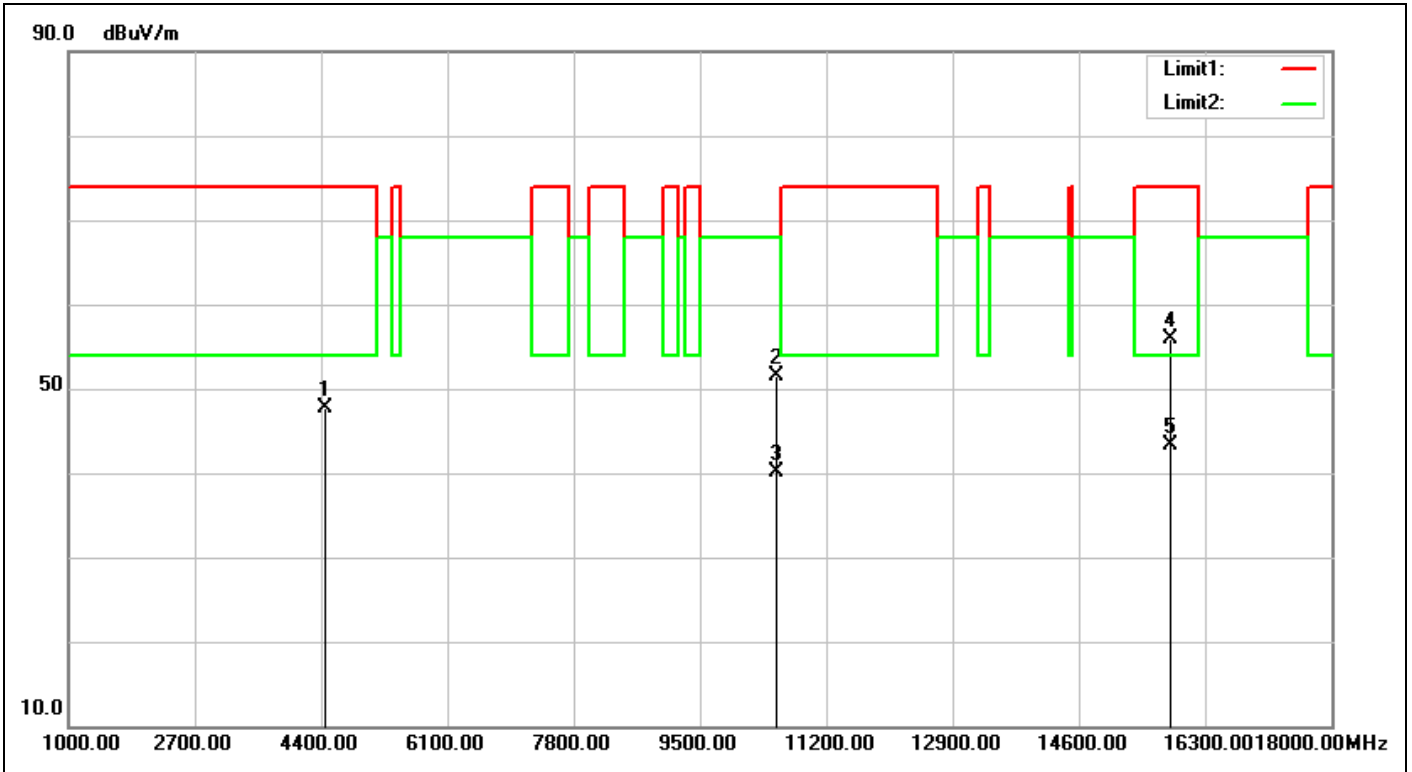
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:47:27
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5320-TX		
Remark:	Power Setting 1A 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4842.000	-1.67	49.87	48.20	74.00	-25.80	peak	100	273	
2	10640.000	5.17	48.69	53.86	74.00	-20.14	peak			
3	10640.000	5.17	35.77	40.94	54.00	-13.06	AVG			
4	15960.000	12.67	43.03	55.70	74.00	-18.30	peak			
5	15960.000	12.67	31.98	44.65	54.00	-9.35	AVG			



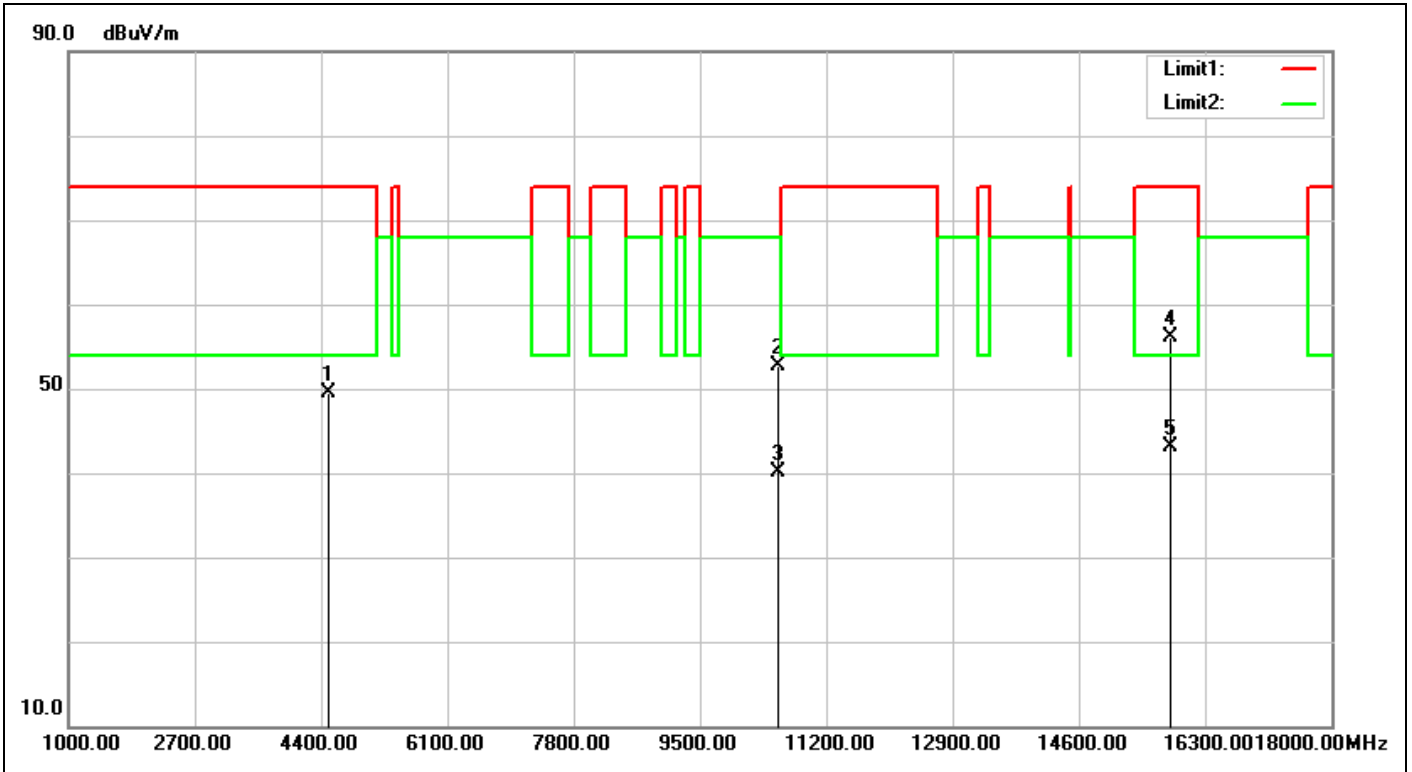
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:48:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5320-TX		
Remark:	Power Setting 1A 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4587.000	-2.10	50.18	48.08	74.00	-25.92	peak	100	77	
2	10640.000	5.17	47.76	52.93	74.00	-21.07	peak			
3	10640.000	5.17	35.74	40.91	54.00	-13.09	AVG			
4	15960.000	12.67	43.49	56.16	74.00	-17.84	peak			
5	15960.000	12.67	31.95	44.62	54.00	-9.38	AVG			



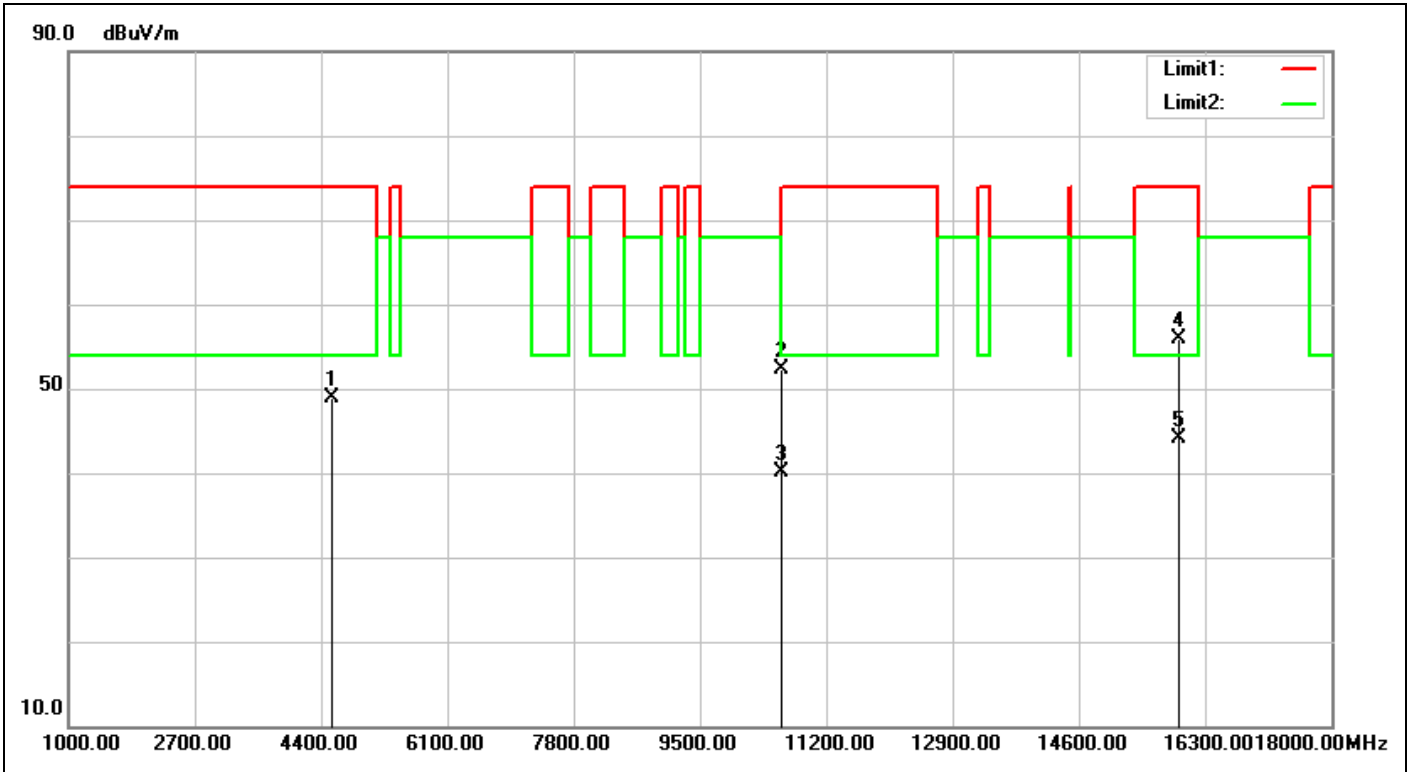
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/30 19:01:30
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	23(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5270-TX		
Remark:	Power Setting 18 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4451.000	-2.41	50.20	47.79	74.00	-26.21	peak	100	120	
2	10540.000	5.25	46.20	51.45	68.00	-16.55	peak		0	
3	10540.000	5.25	34.81	40.06	68.00	-27.94	AVG		0	
4	15810.000	12.26	43.71	55.97	74.00	-18.03	peak		0	
5	15810.000	12.26	30.95	43.21	54.00	-10.79	AVG		0	



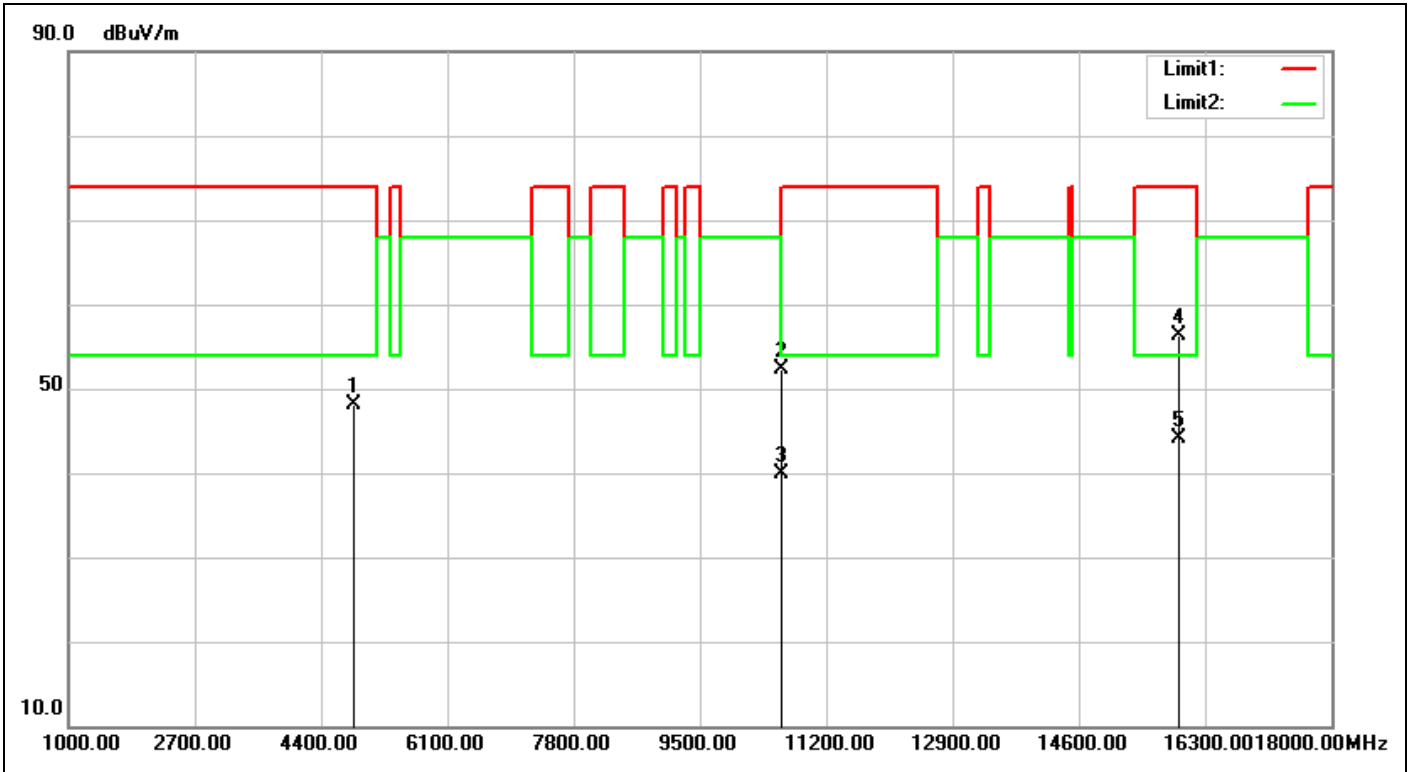
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/30 19:02:22
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	23(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5270-TX		
Remark:	Power Setting 18 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4502.000	-2.23	51.68	49.45	74.00	-24.55	peak	100	155	
2	10540.000	5.25	47.45	52.70	68.00	-15.30	peak			
3	10540.000	5.25	34.82	40.07	68.00	-27.93	AVG			
4	15810.000	12.26	43.76	56.02	74.00	-17.98	peak			
5	15810.000	12.26	30.93	43.19	54.00	-10.81	AVG			



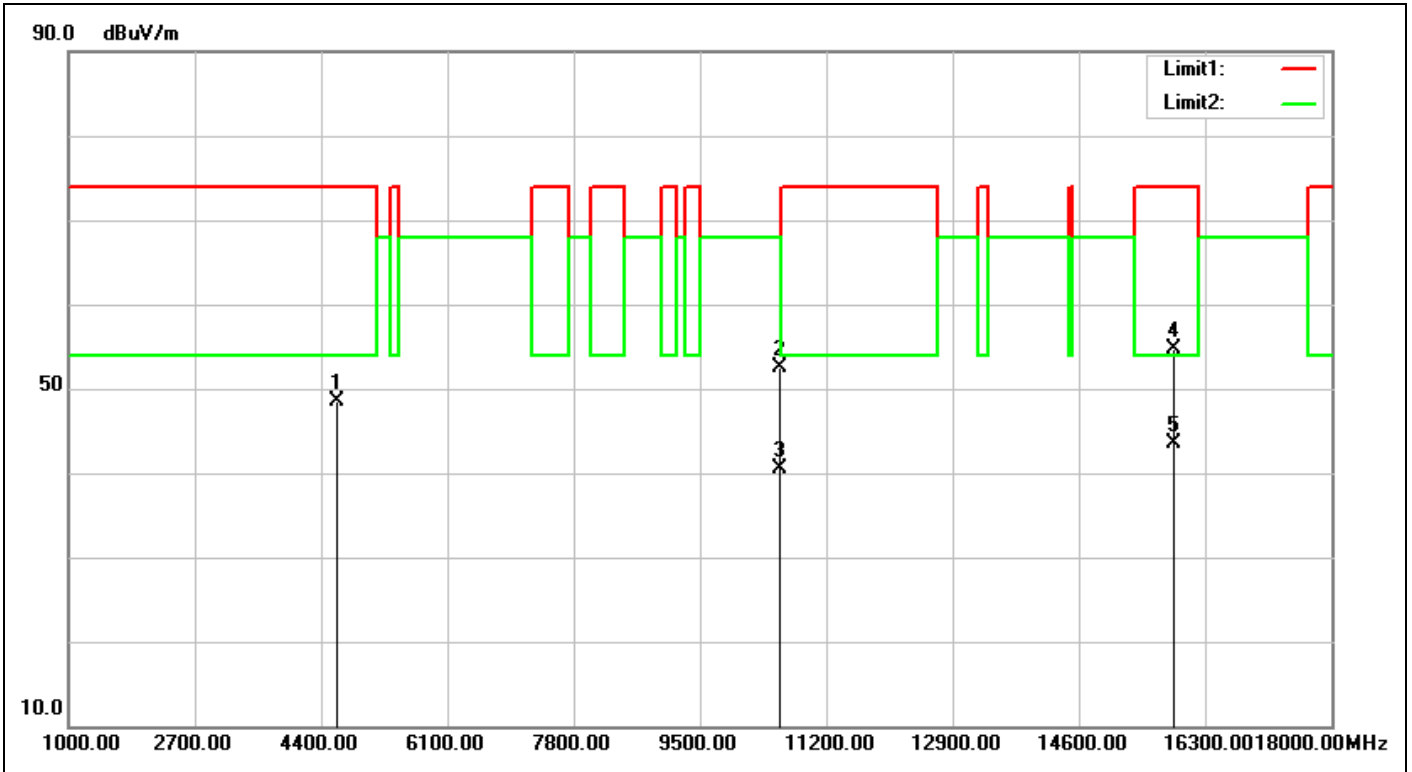
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:52:07
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5310-TX		
Remark:	Power Setting 17 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4536.000	-2.18	51.06	48.88	74.00	-25.12	peak	100	168	
2	10620.000	5.19	47.04	52.23	74.00	-21.77	peak			
3	10620.000	5.19	34.82	40.01	54.00	-13.99	AVG			
4	15930.000	12.59	43.31	55.90	74.00	-18.10	peak			
5	15930.000	12.59	31.57	44.16	54.00	-9.84	AVG			



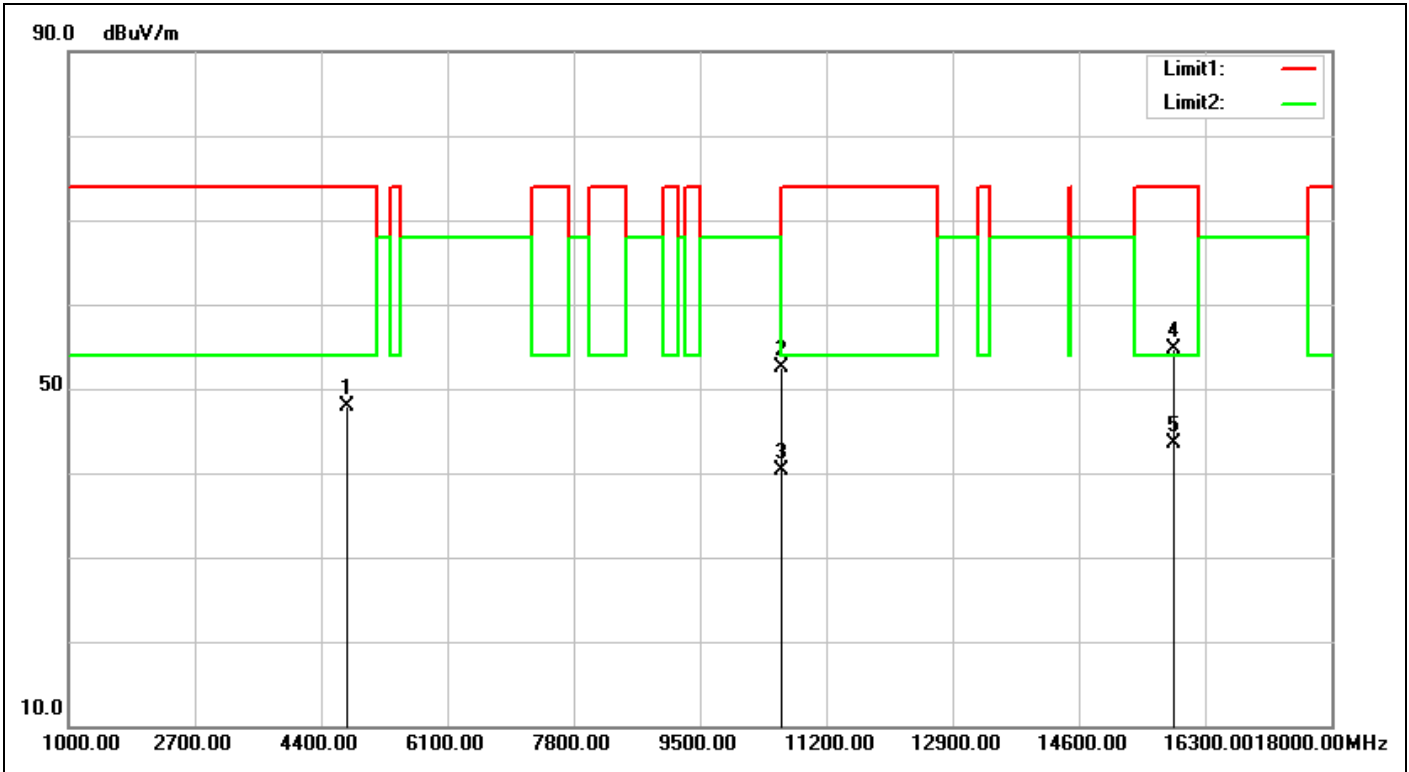
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:53:00
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5310-TX		
Remark:	Power Setting 17 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4842.000	-1.67	49.76	48.09	74.00	-25.91	peak	100	179	
2	10620.000	5.19	47.09	52.28	74.00	-21.72	peak			
3	10620.000	5.19	34.79	39.98	54.00	-14.02	AVG			
4	15930.000	12.59	43.74	56.33	74.00	-17.67	peak			
5	15930.000	12.59	31.52	44.11	54.00	-9.89	AVG			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:56:44
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5290-TX		
Remark:	Power Setting 18 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4604.000	-2.07	50.60	48.53	74.00	-25.47	peak	100	0	
2	10580.000	5.22	47.33	52.55	68.00	-15.45	peak			
3	10580.000	5.22	35.19	40.41	68.00	-27.59	AVG			
4	15870.000	12.42	42.25	54.67	74.00	-19.33	peak			
5	15870.000	12.42	31.06	43.48	54.00	-10.52	AVG			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:57:37
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5290-TX		
Remark:	Power Setting 18 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4757.000	-1.81	49.77	47.96	74.00	-26.04	peak	100	135	
2	10580.000	5.22	47.30	52.52	68.00	-15.48	peak			
3	10580.000	5.22	35.11	40.33	68.00	-27.67	AVG			
4	15870.000	12.42	42.20	54.62	74.00	-19.38	peak			
5	15870.000	12.42	31.00	43.42	54.00	-10.58	AVG			

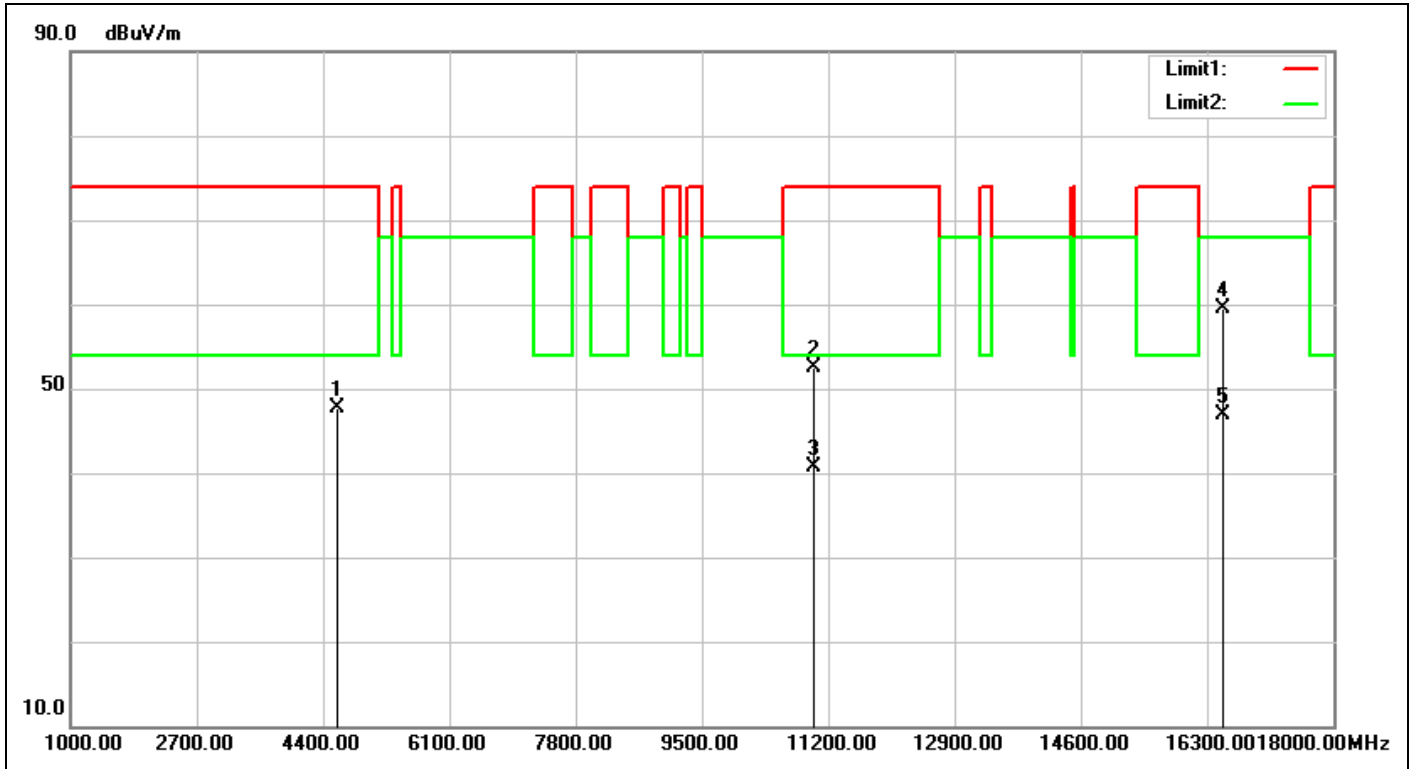
Spurious Emissions, TX Mode, 1-18G, U-NII-2C



TUV Rheinland Taiwan Ltd.

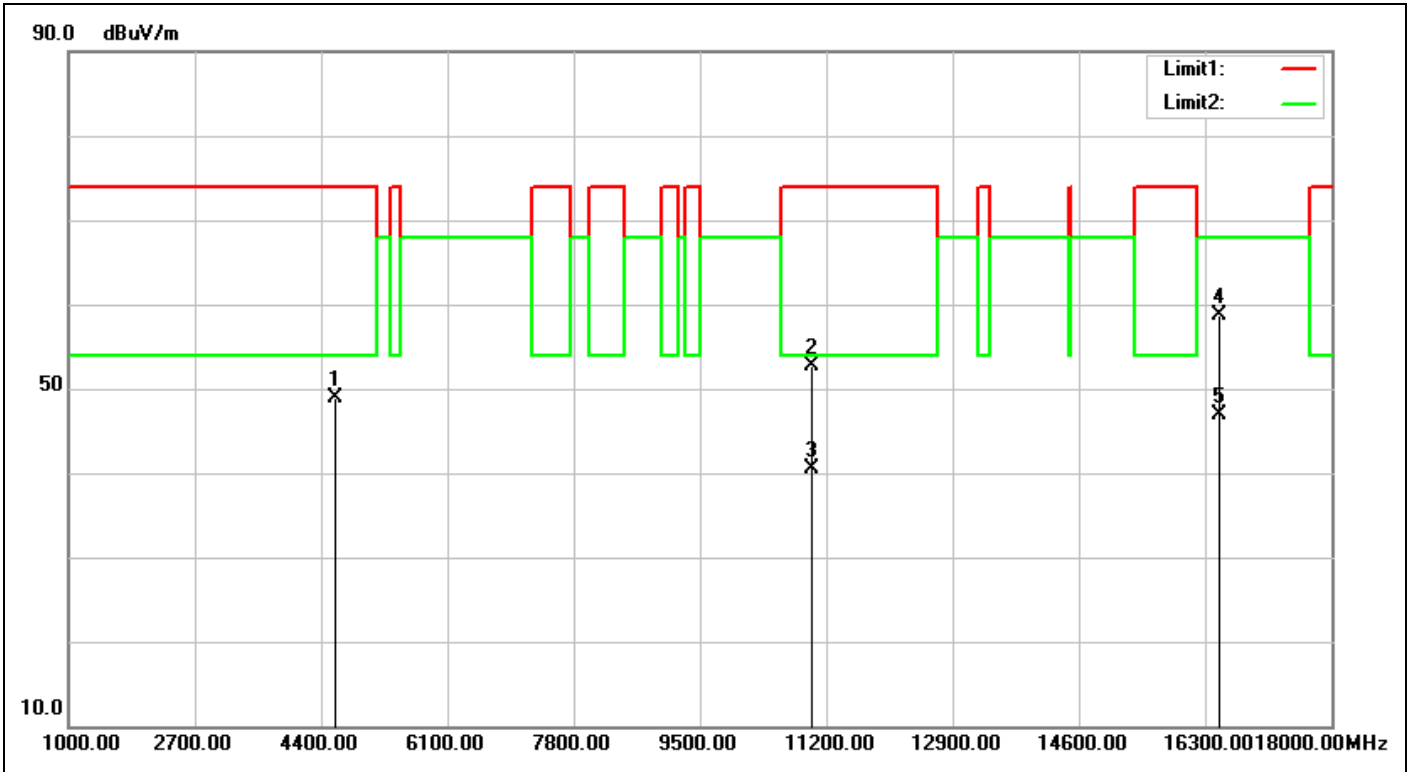
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



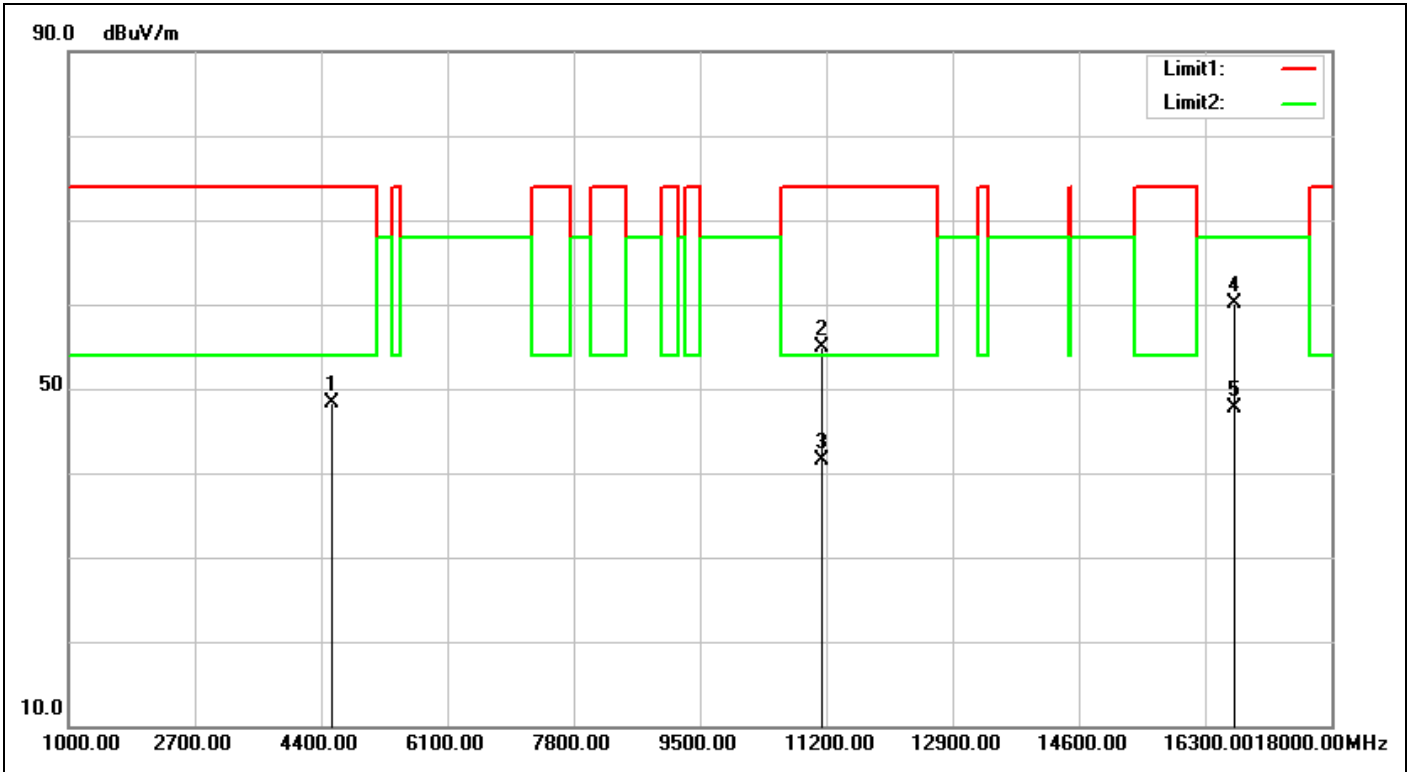
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:04:09
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5500-TX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4587.000	-2.10	49.81	47.71	74.00	-26.29	peak	100	78	
2	11000.000	4.90	47.56	52.46	74.00	-21.54	peak		0	
3	11000.000	4.90	35.74	40.64	54.00	-13.36	AVG		0	
4	16500.000	15.73	43.81	59.54	68.00	-8.46	peak		0	
5	16500.000	15.73	31.23	46.96	68.00	-21.04	AVG		0	



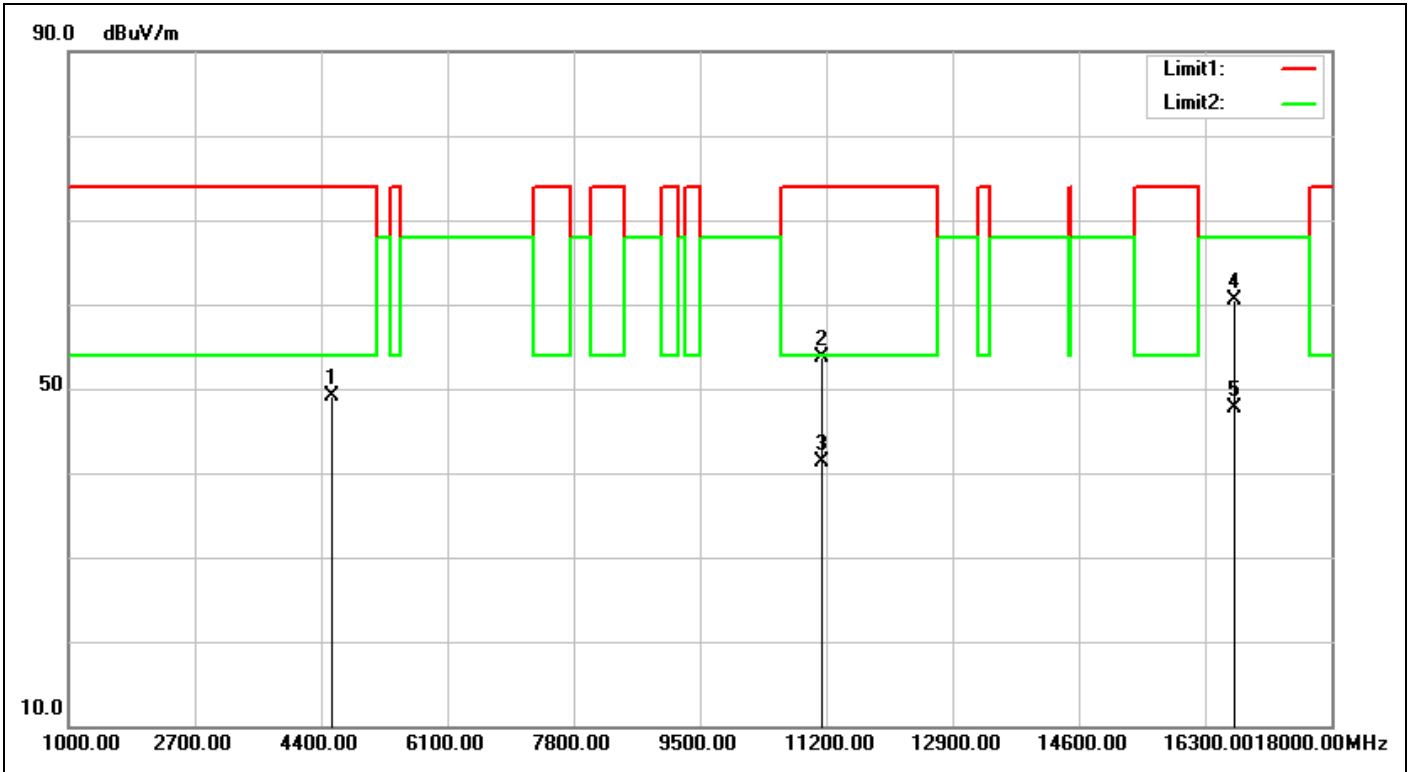
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:05:01
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5500-TX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4587.000	-2.10	50.96	48.86	74.00	-25.14	peak	100	309	
2	11000.000	4.90	47.72	52.62	74.00	-21.38	peak			
3	11000.000	4.90	35.70	40.60	54.00	-13.40	AVG			
4	16500.000	15.73	42.99	58.72	68.00	-9.28	peak			
5	16500.000	15.73	31.18	46.91	68.00	-21.09	AVG			



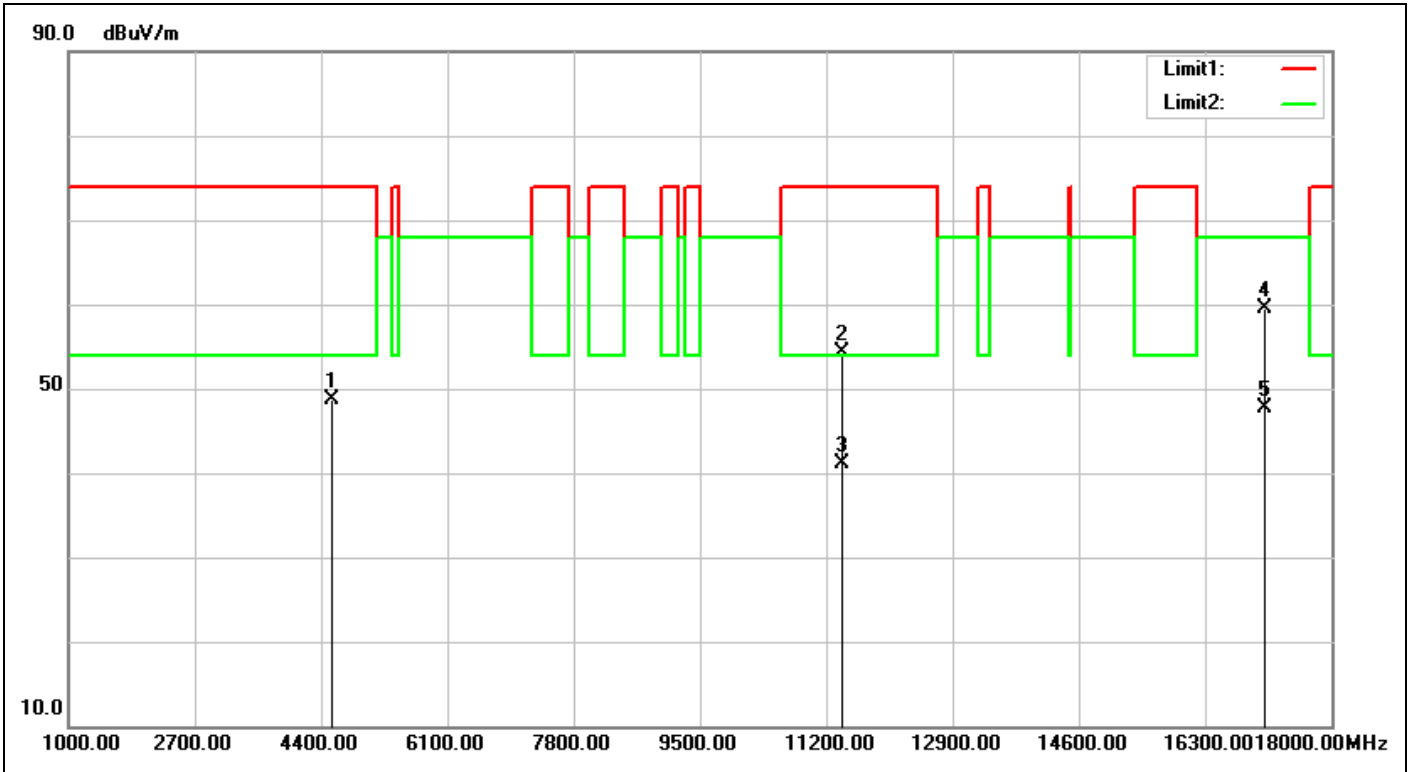
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:08:29
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5560-TX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4536.000	-2.18	50.57	48.39	74.00	-25.61	peak	100	123	
2	11120.000	5.00	49.82	54.82	74.00	-19.18	peak			
3	11120.000	5.00	36.42	41.42	54.00	-12.58	AVG			
4	16680.000	15.66	44.47	60.13	68.00	-7.87	peak			
5	16680.000	15.66	32.02	47.68	68.00	-20.32	AVG			



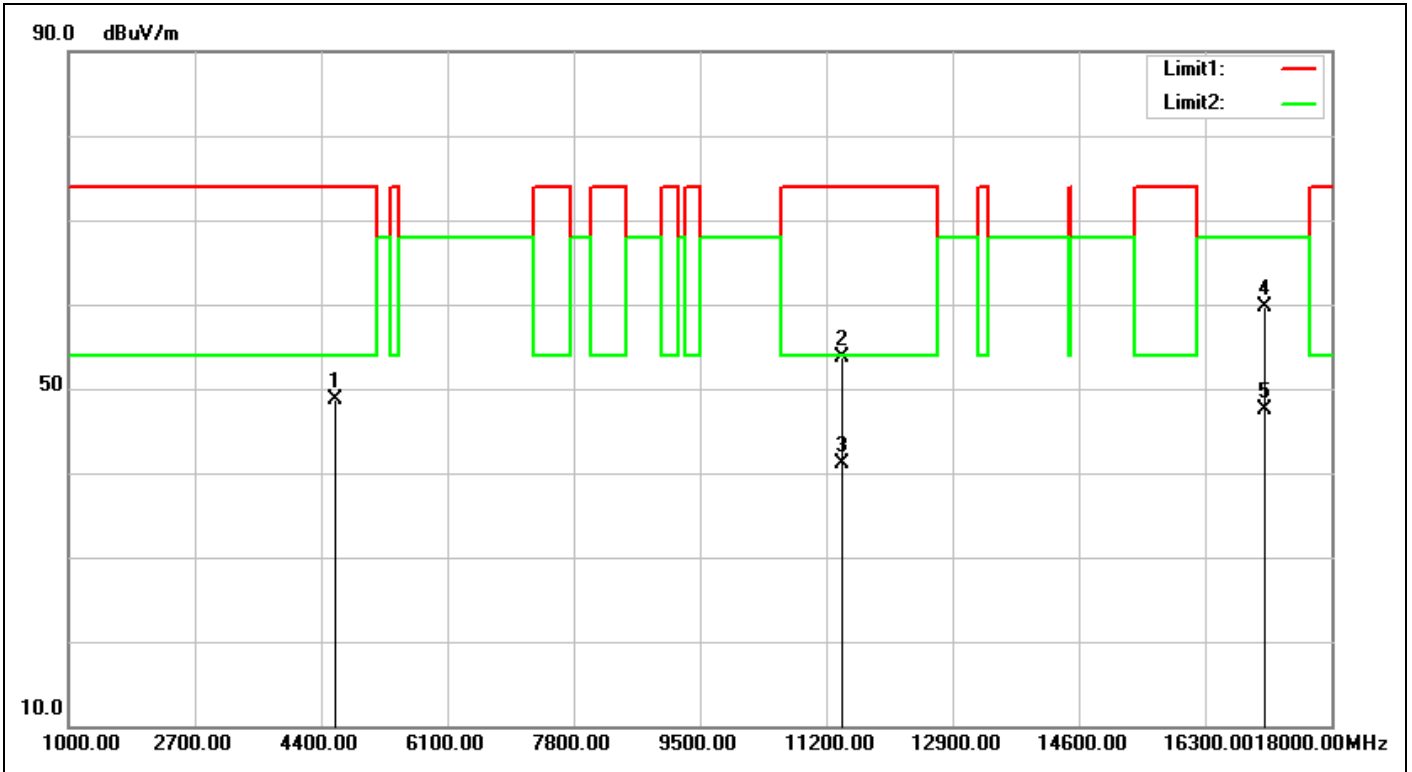
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:09:21
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5560-TX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4553.000	-2.15	51.20	49.05	74.00	-24.95	peak	100	186	
2	11120.000	5.00	48.61	53.61	74.00	-20.39	peak			
3	11120.000	5.00	36.39	41.39	54.00	-12.61	AVG			
4	16680.000	15.66	44.81	60.47	68.00	-7.53	peak			
5	16680.000	15.66	31.97	47.63	68.00	-20.37	AVG			



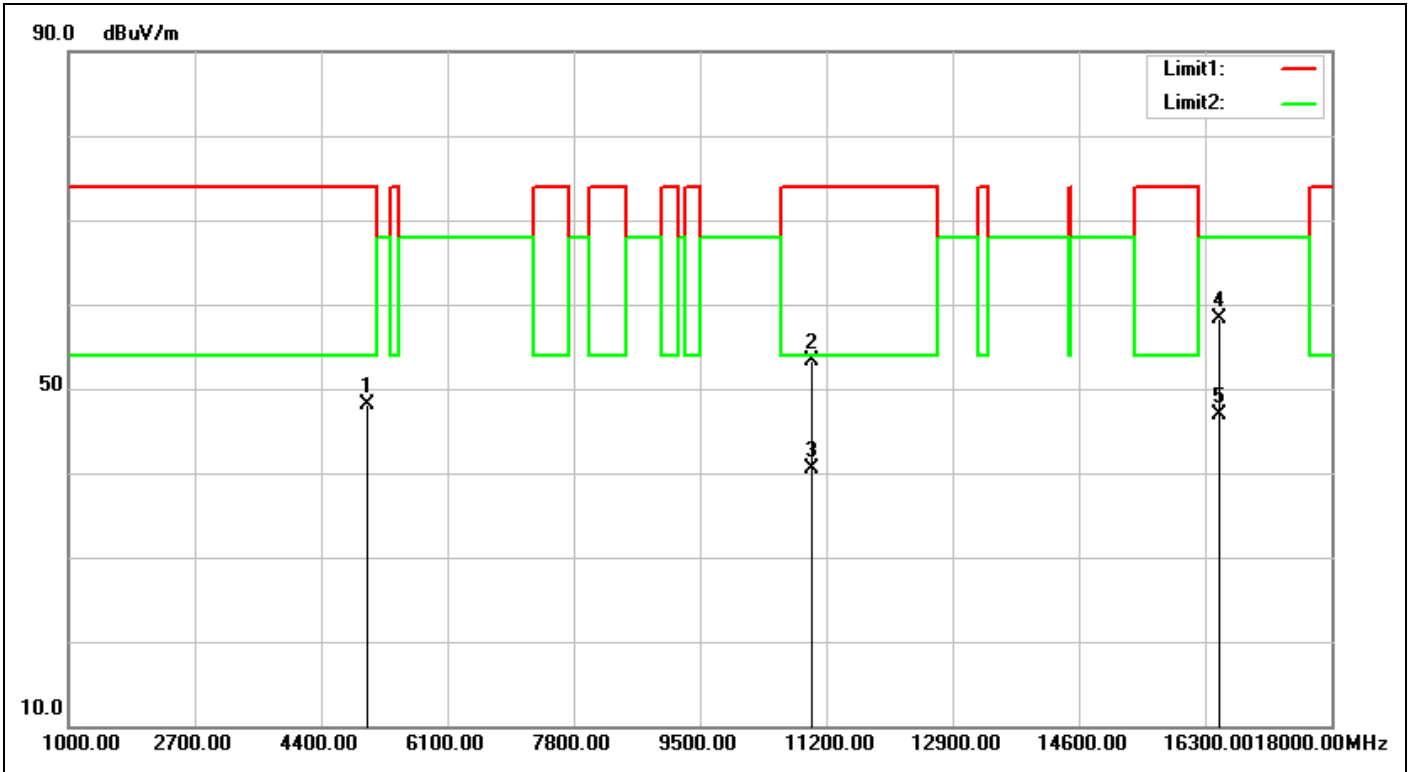
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:12:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5700-TX		
Remark:	Power Setting 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4553.000	-2.15	50.81	48.66	74.00	-25.34	peak	100	129	
2	11400.000	5.21	49.17	54.38	74.00	-19.62	peak			
3	11400.000	5.21	35.95	41.16	54.00	-12.84	AVG			
4	17100.000	15.37	44.18	59.55	68.00	-8.45	peak			
5	17100.000	15.37	32.26	47.63	68.00	-20.37	AVG			



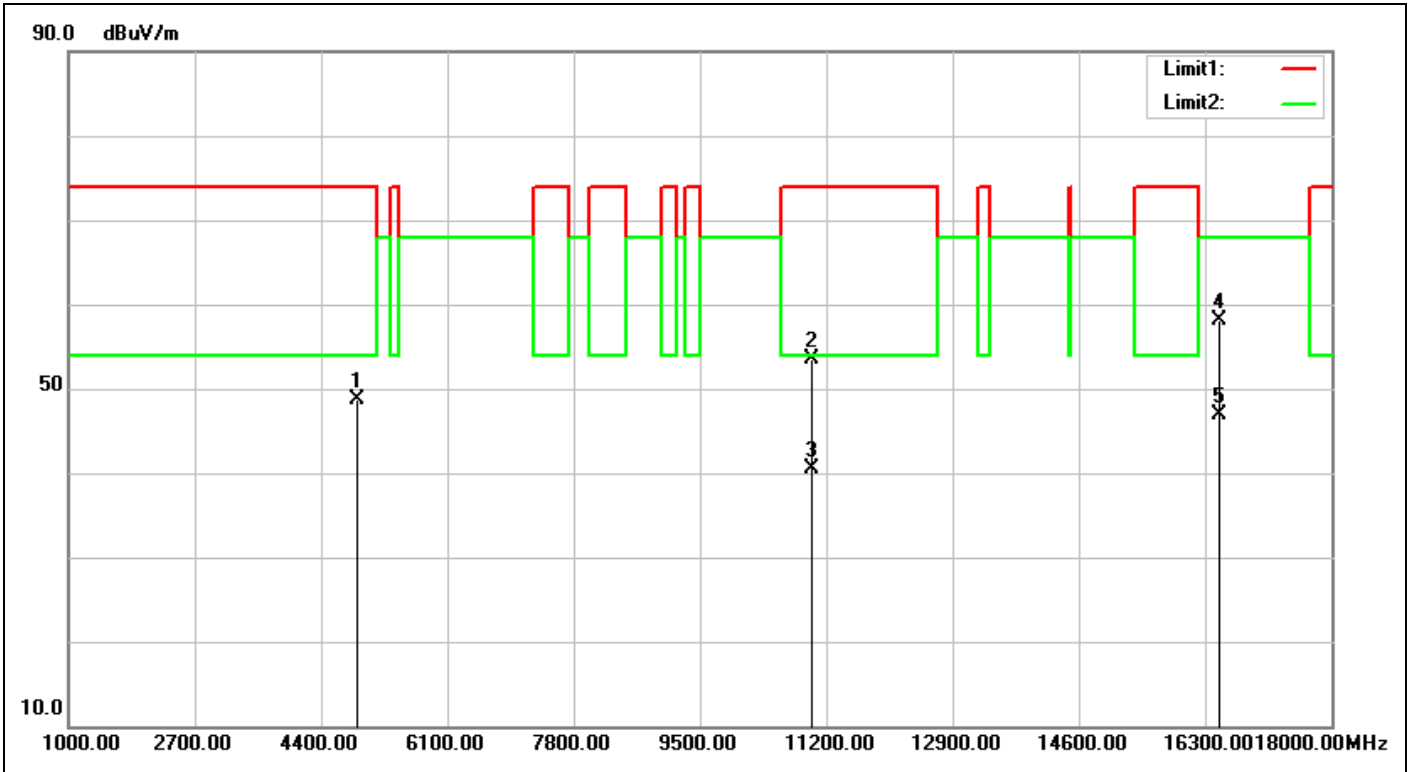
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:13:11
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5700-TX		
Remark:	Power Setting 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4587.000	-2.10	50.80	48.70	74.00	-25.30	peak	100	289	
2	11400.000	5.21	48.56	53.77	74.00	-20.23	peak			
3	11400.000	5.21	35.88	41.09	54.00	-12.91	AVG			
4	17100.000	15.37	44.39	59.76	68.00	-8.24	peak			
5	17100.000	15.37	32.22	47.59	68.00	-20.41	AVG			



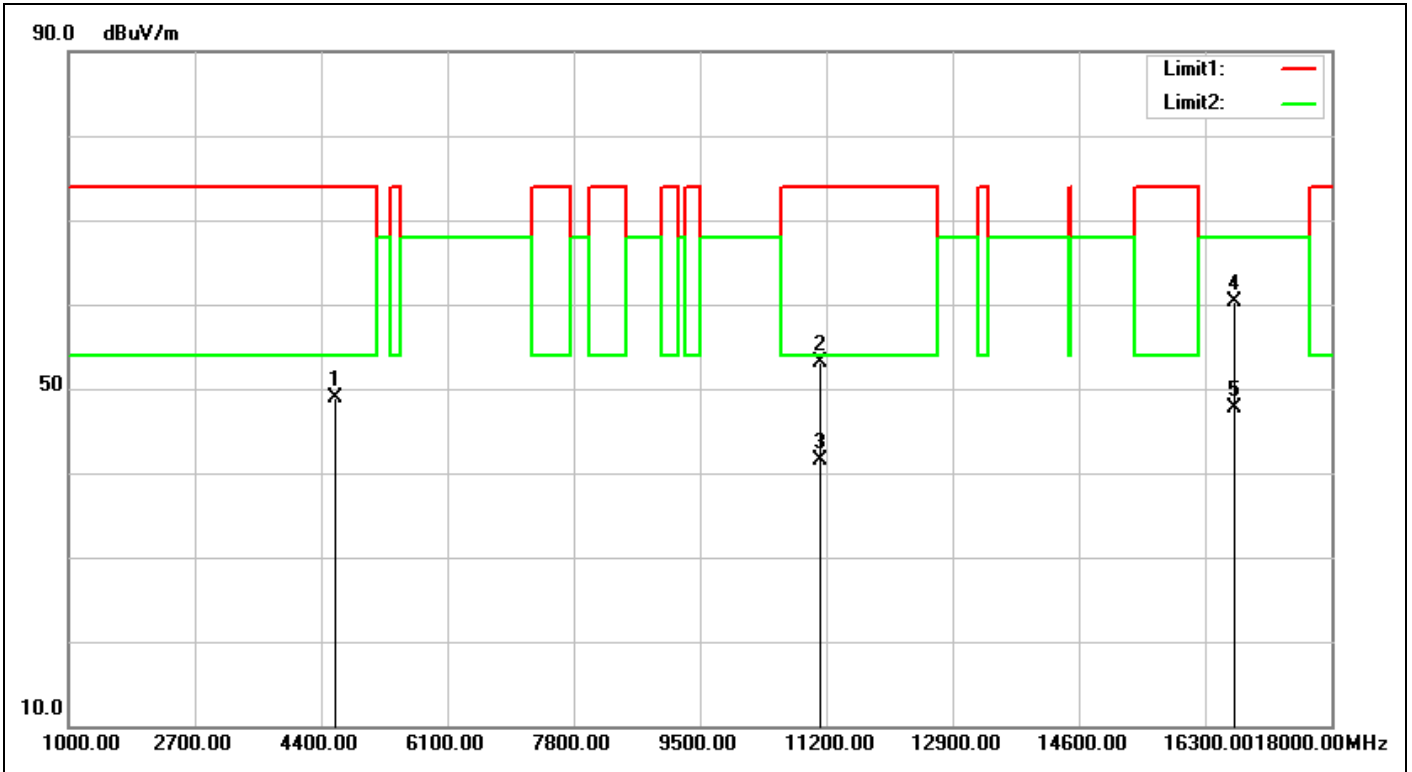
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:17:22
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5500-TX		
Remark:	Power Setting 1C 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5029.000	-1.27	49.37	48.10	74.00	-25.90	peak	100	78	
2	11000.000	4.90	48.48	53.38	74.00	-20.62	peak			
3	11000.000	4.90	35.68	40.58	54.00	-13.42	AVG			
4	16500.000	15.73	42.67	58.40	68.00	-9.60	peak			
5	16500.000	15.73	31.25	46.98	68.00	-21.02	AVG			



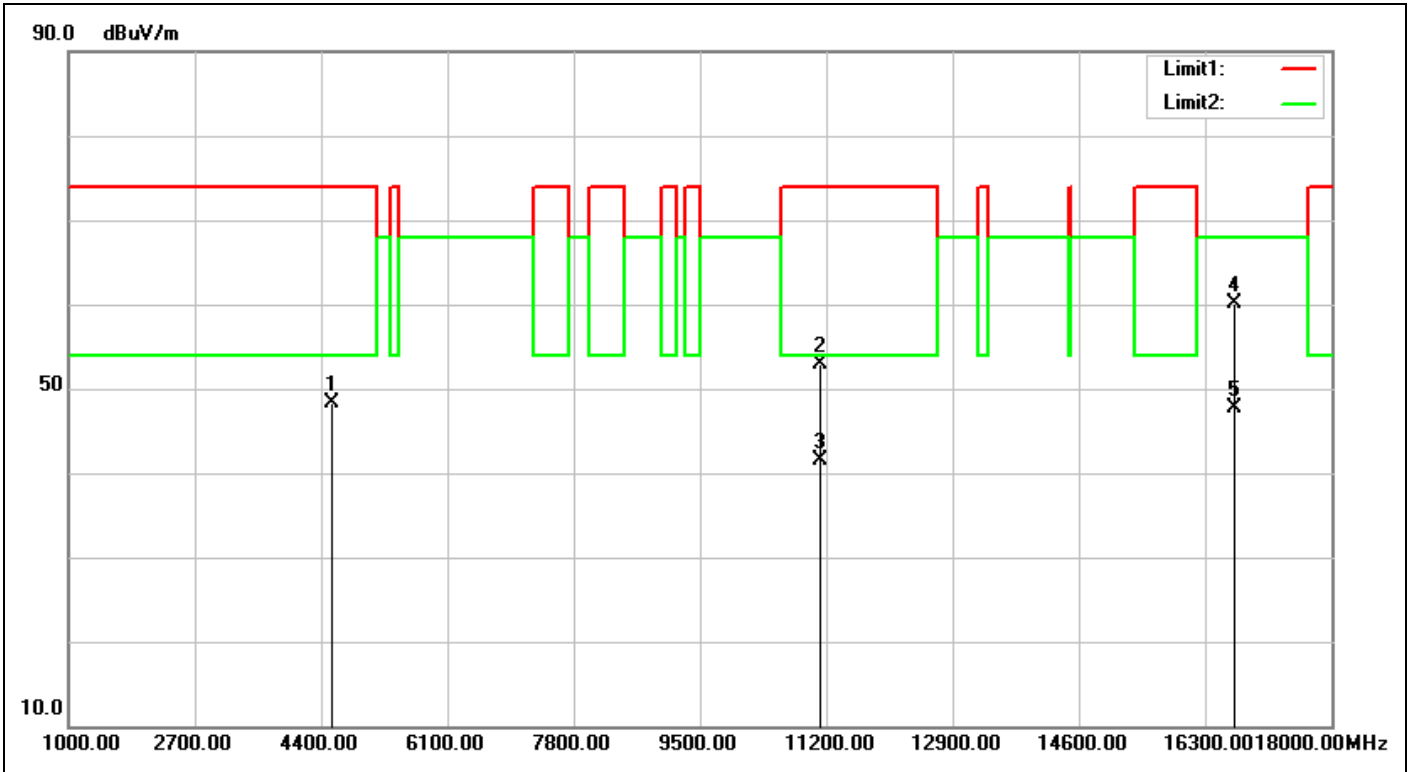
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:18:14
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5500-TX		
Remark:	Power Setting 1C 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4893.000	-1.59	50.23	48.64	74.00	-25.36	peak	100	1	
2	11000.000	4.90	48.68	53.58	74.00	-20.42	peak			
3	11000.000	4.90	35.65	40.55	54.00	-13.45	AVG			
4	16500.000	15.73	42.30	58.03	68.00	-9.97	peak			
5	16500.000	15.73	31.16	46.89	68.00	-21.11	AVG			



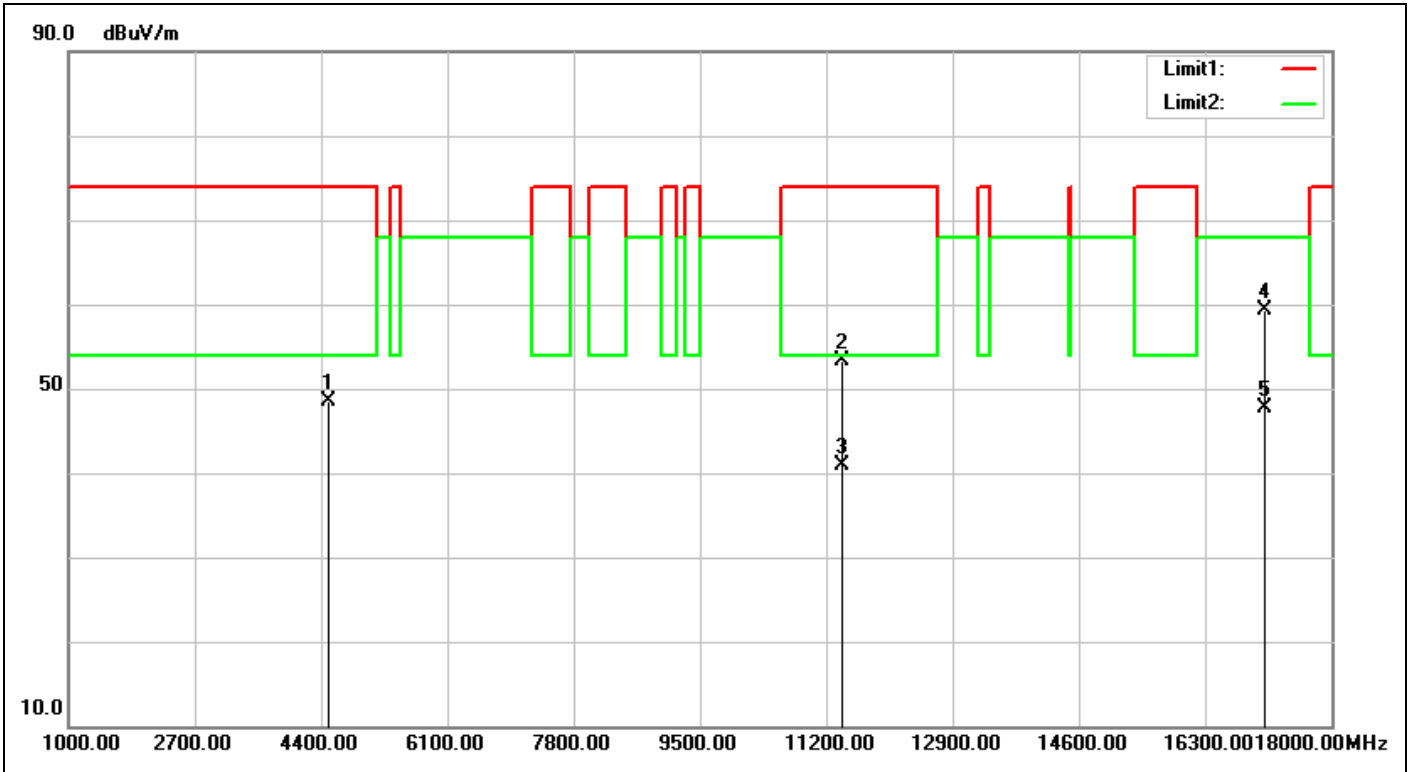
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:21:37
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5560-TX		
Remark:	Power Setting 1C 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4587.000	-2.10	51.00	48.90	74.00	-25.10	peak	100	276	
2	11120.000	5.00	48.18	53.18	74.00	-20.82	peak			
3	11120.000	5.00	36.60	41.60	54.00	-12.40	AVG			
4	16680.000	15.66	44.63	60.29	68.00	-7.71	peak			
5	16680.000	15.66	32.08	47.74	68.00	-20.26	AVG			



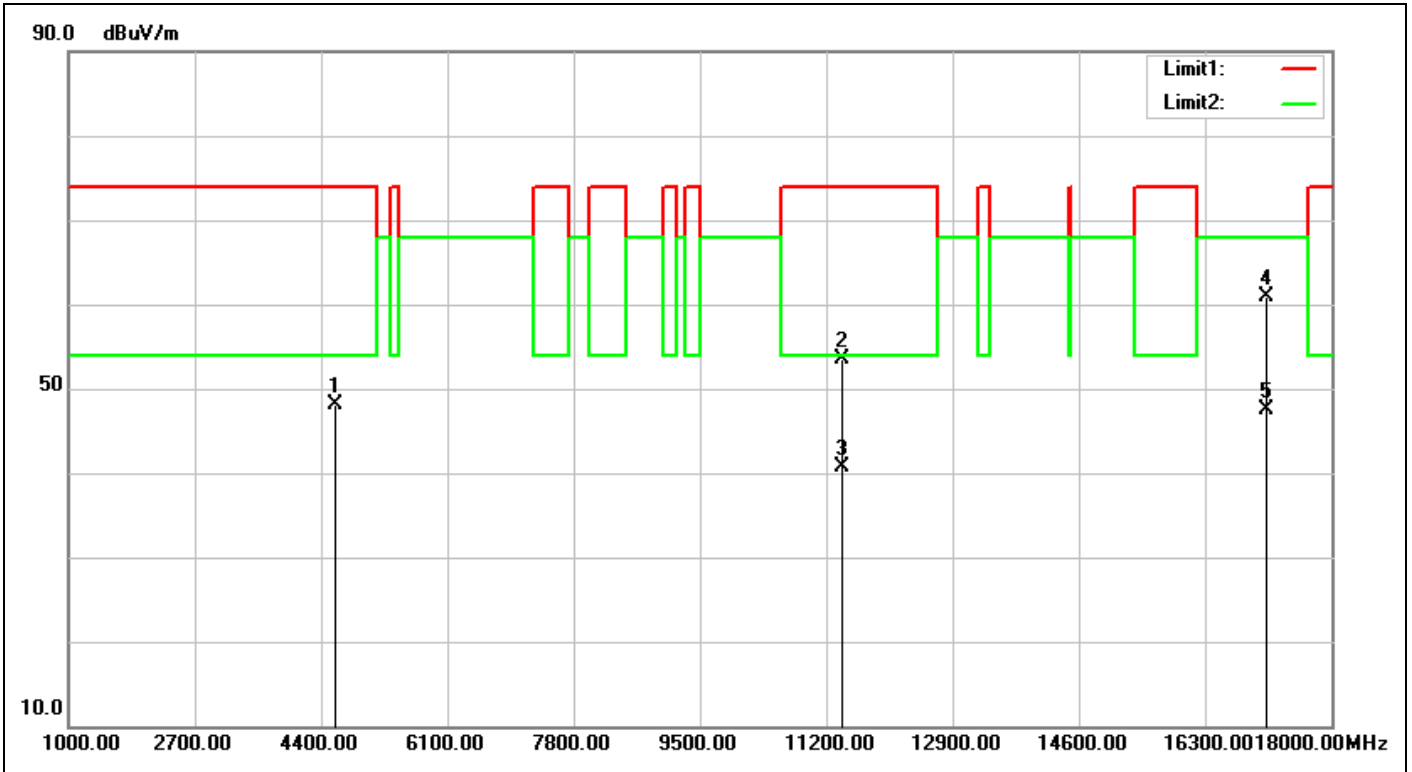
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:22:30
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5560-TX		
Remark:	Power Setting 1C 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4536.000	-2.18	50.53	48.35	74.00	-25.65	peak	100	42	
2	11120.000	5.00	47.86	52.86	74.00	-21.14	peak			
3	11120.000	5.00	36.53	41.53	54.00	-12.47	AVG			
4	16680.000	15.66	44.44	60.10	68.00	-7.90	peak			
5	16680.000	15.66	32.03	47.69	68.00	-20.31	AVG			



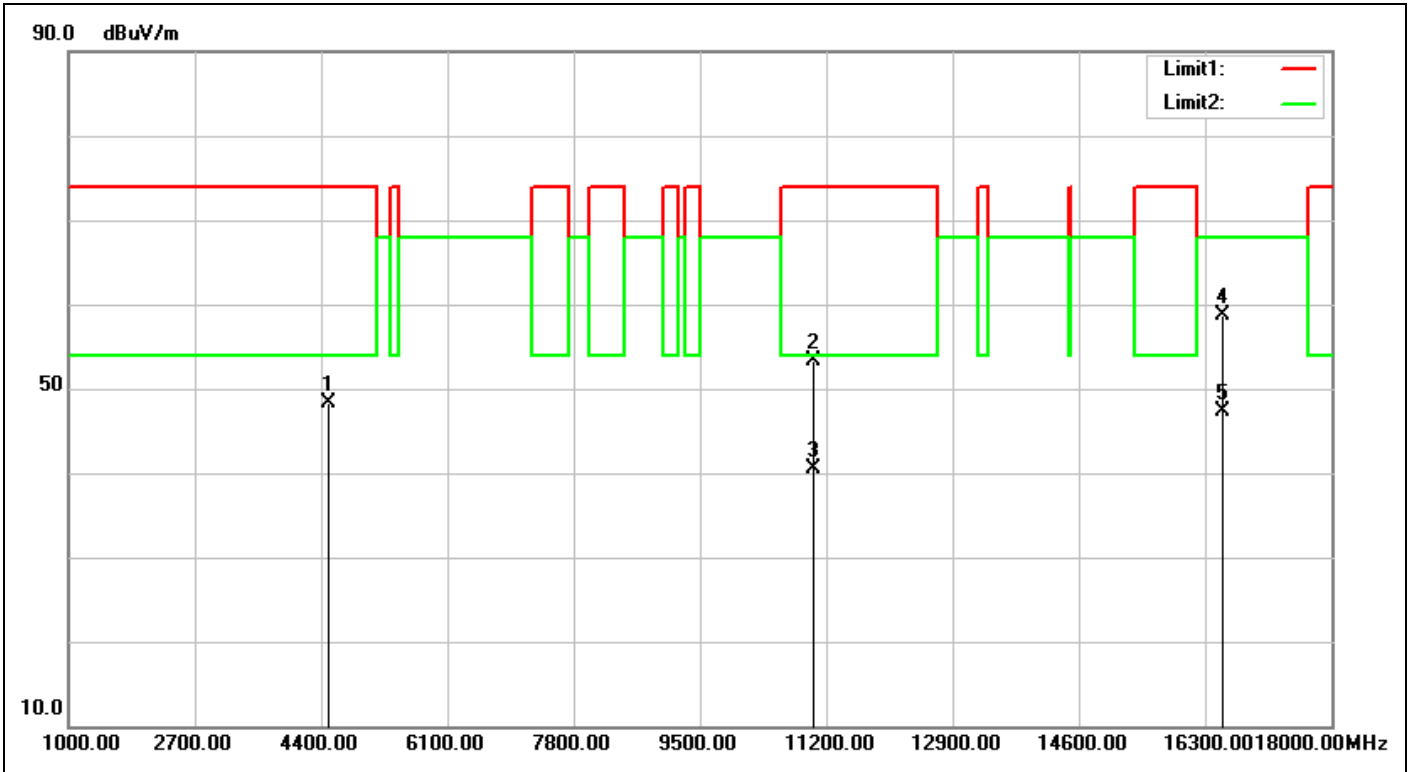
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:25:34
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5700-TX		
Remark:	Power Setting 1D 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4502.000	-2.23	50.65	48.42	74.00	-25.58	peak	100	133	
2	11400.000	5.21	48.15	53.36	74.00	-20.64	peak			
3	11400.000	5.21	35.62	40.83	54.00	-13.17	AVG			
4	17100.000	15.37	43.94	59.31	68.00	-8.69	peak			
5	17100.000	15.37	32.27	47.64	68.00	-20.36	AVG			



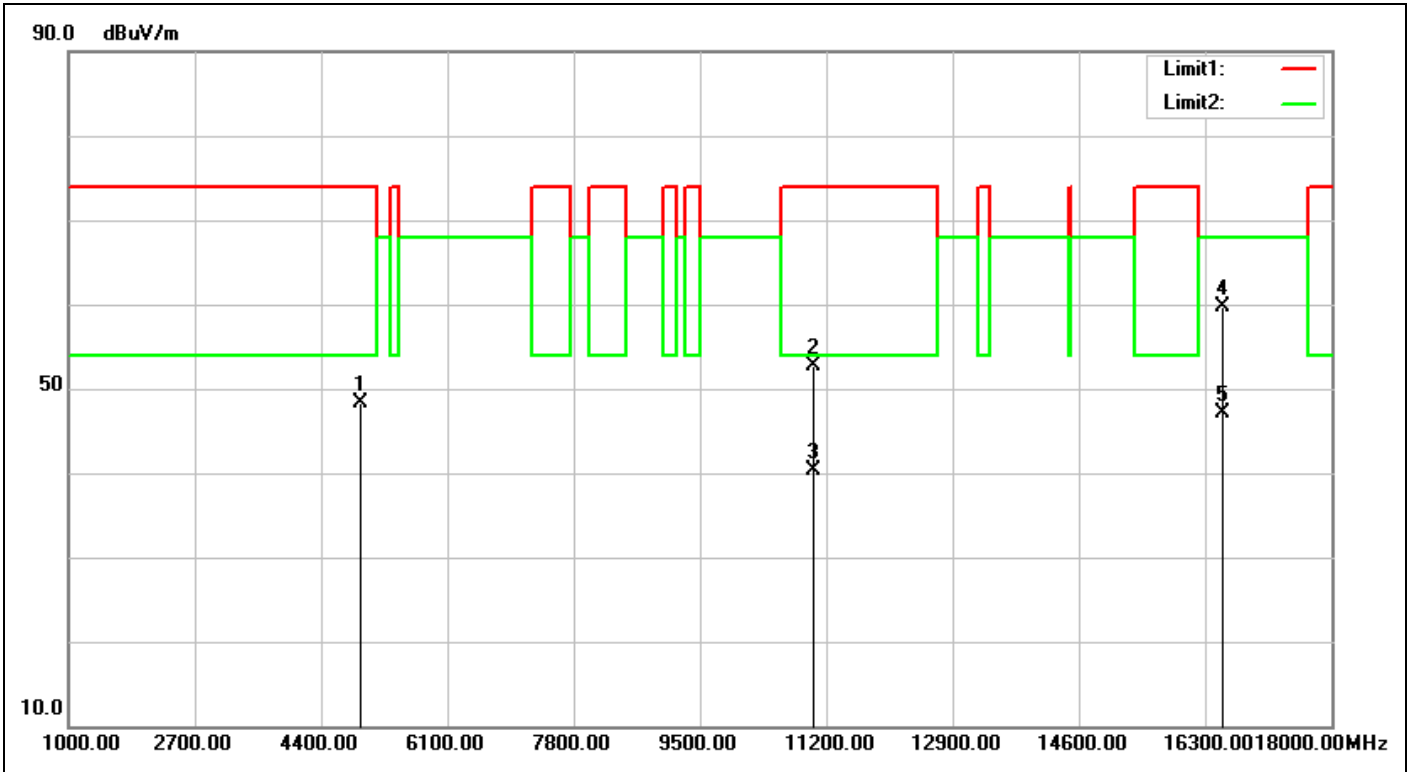
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:26:27
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5700-TX		
Remark:	Power Setting 1D 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4587.000	-2.10	50.20	48.10	74.00	-25.90	peak	100	193	
2	11400.000	5.21	48.25	53.46	74.00	-20.54	peak			
3	11400.000	5.21	35.56	40.77	54.00	-13.23	AVG			
4	17100.000	15.37	45.58	60.95	68.00	-7.05	peak			
5	17100.000	15.37	32.22	47.59	68.00	-20.41	AVG			



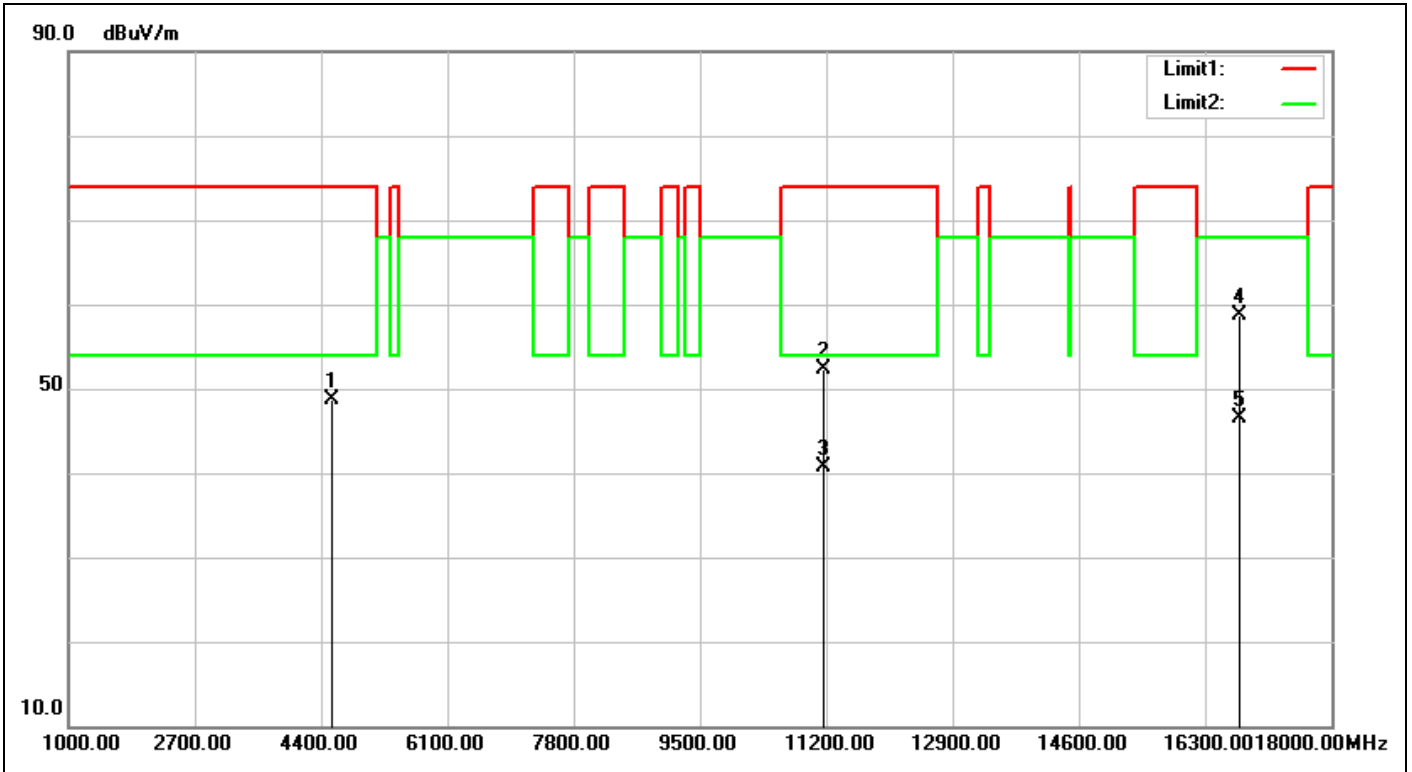
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:29:31
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5510-TX		
Remark:	Power Setting 19 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4502.000	-2.23	50.50	48.27	74.00	-25.73	peak	100	215	
2	11020.000	4.92	48.41	53.33	74.00	-20.67	peak			
3	11020.000	4.92	35.50	40.42	54.00	-13.58	AVG			
4	16530.000	15.72	42.95	58.67	68.00	-9.33	peak			
5	16530.000	15.72	31.49	47.21	68.00	-20.79	AVG			



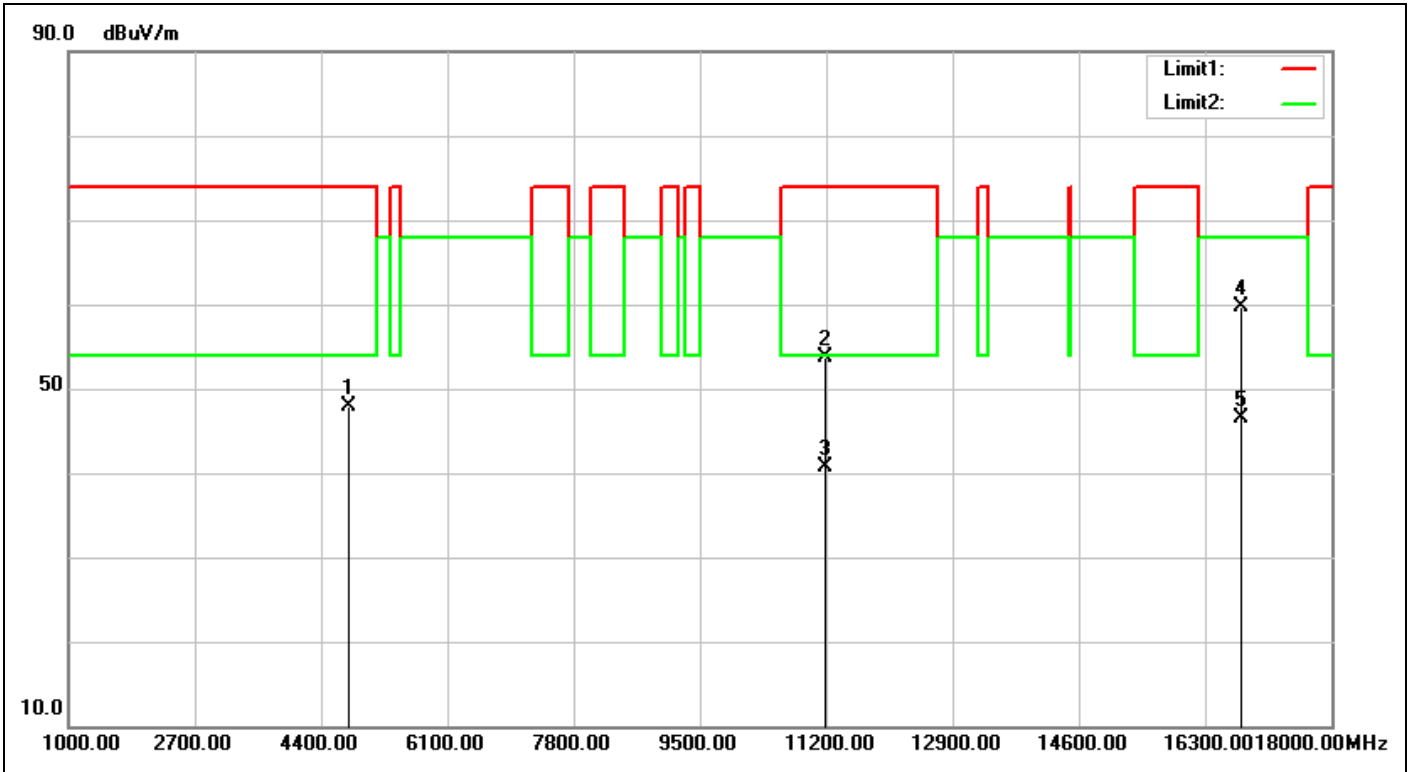
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:30:24
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5510-TX		
Remark:	Power Setting 19 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4927.000	-1.54	49.92	48.38	74.00	-25.62	peak	100	360	
2	11020.000	4.92	47.78	52.70	74.00	-21.30	peak			
3	11020.000	4.92	35.43	40.35	54.00	-13.65	AVG			
4	16530.000	15.72	43.90	59.62	68.00	-8.38	peak			
5	16530.000	15.72	31.39	47.11	68.00	-20.89	AVG			



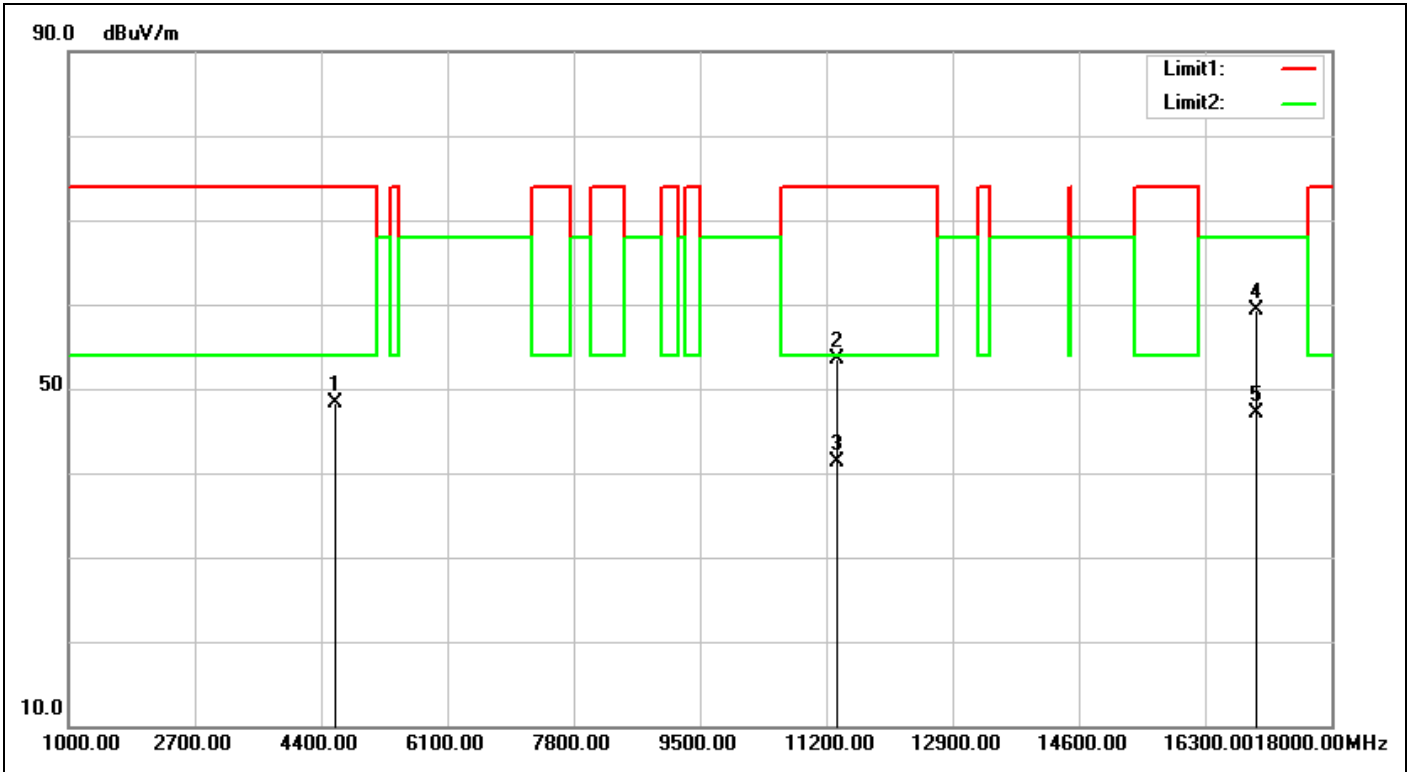
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/30 19:07:25
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	23(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5590-TX		
Remark:	Power Setting 1C 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4536.000	-2.18	50.91	48.73	74.00	-25.27	peak	100	273	
2	11180.000	5.04	47.36	52.40	74.00	-21.60	peak			
3	11180.000	5.04	35.70	40.74	54.00	-13.26	AVG			
4	16770.000	15.64	43.03	58.67	68.00	-9.33	peak			
5	16770.000	15.64	30.96	46.60	68.00	-21.40	AVG			



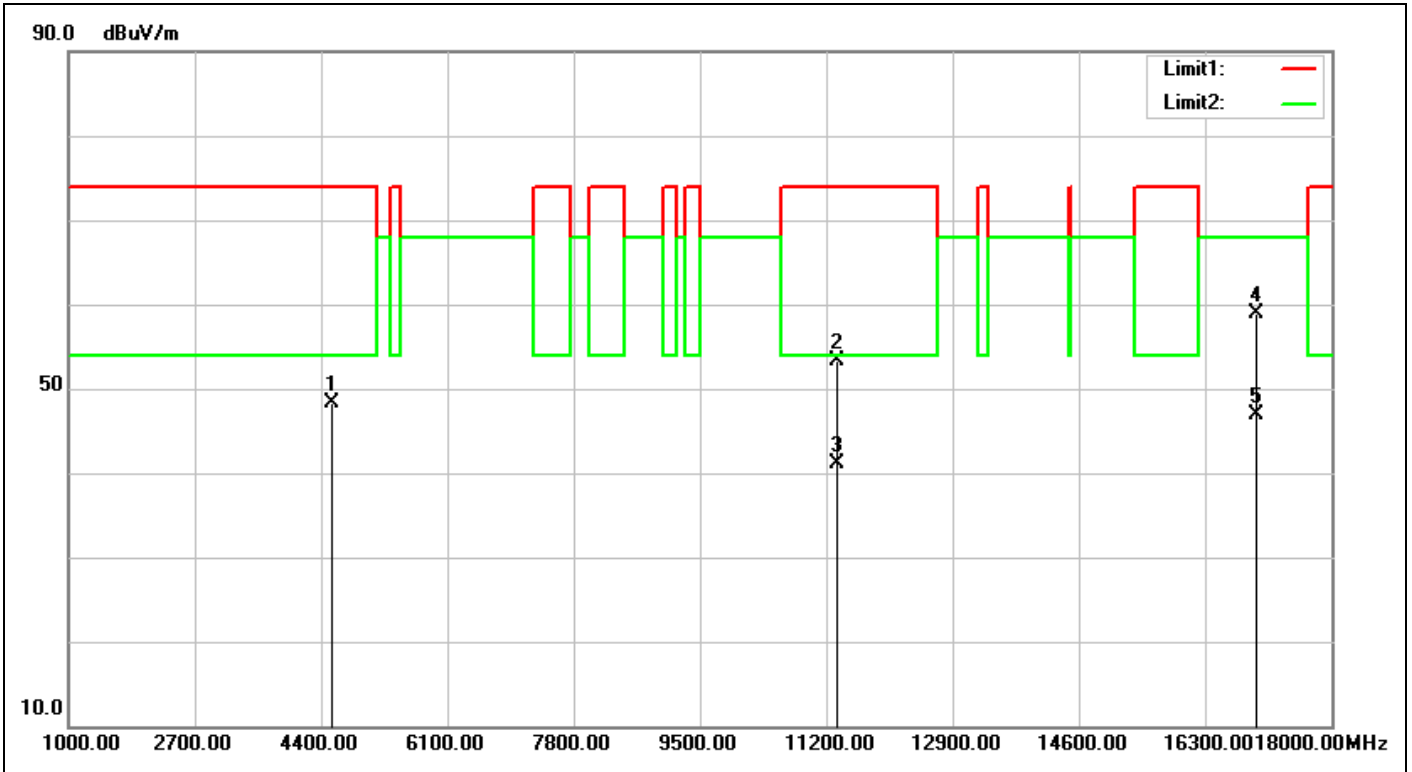
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/30 19:08:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	23(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5590-TX		
Remark:	Power Setting 1C 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4774.000	-1.78	49.76	47.98	74.00	-26.02	peak	100	251	
2	11180.000	5.04	48.76	53.80	74.00	-20.20	peak			
3	11180.000	5.04	35.68	40.72	54.00	-13.28	AVG			
4	16770.000	15.64	44.05	59.69	68.00	-8.31	peak			
5	16770.000	15.64	30.94	46.58	68.00	-21.42	AVG			



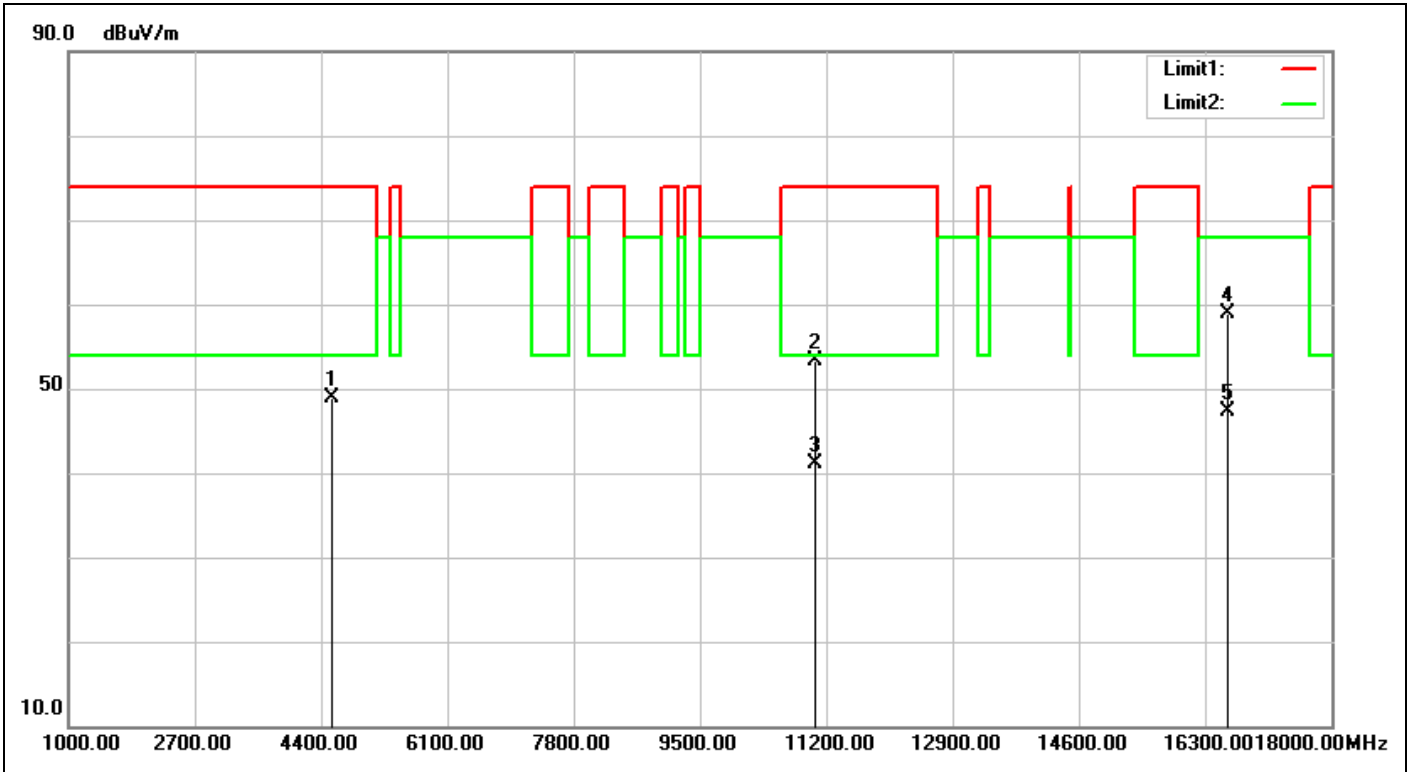
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:33:36
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5670-TX		
Remark:	Power Setting 1B 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4587.000	-2.10	50.42	48.32	74.00	-25.68	peak	100	123	
2	11340.000	5.16	48.32	53.48	74.00	-20.52	peak			
3	11340.000	5.16	36.07	41.23	54.00	-12.77	AVG			
4	17010.000	15.53	43.73	59.26	68.00	-8.74	peak			
5	17010.000	15.53	31.49	47.02	68.00	-20.98	AVG			



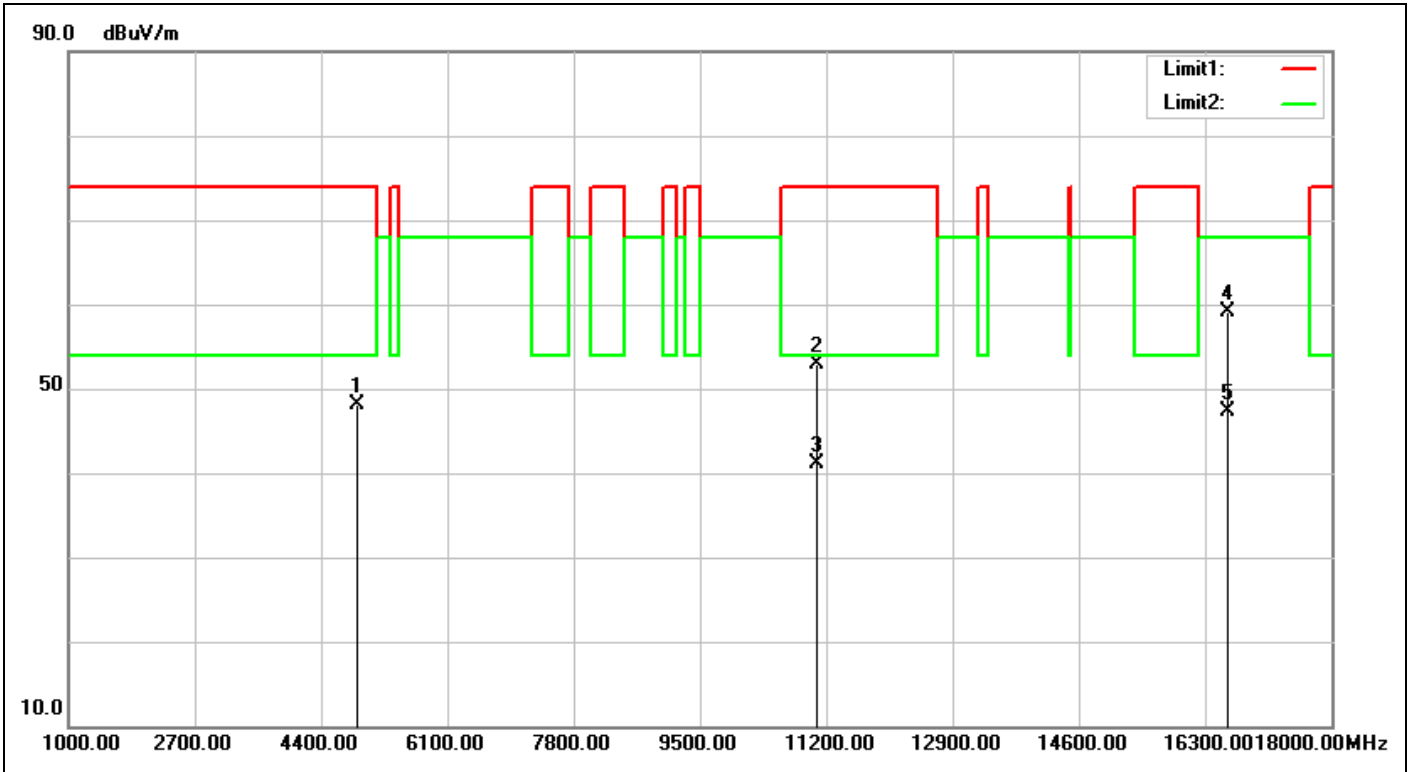
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:34:29
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5670-TX		
Remark:	Power Setting 1B 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4553.000	-2.15	50.46	48.31	74.00	-25.69	peak	100	326	
2	11340.000	5.16	48.07	53.23	74.00	-20.77	peak			
3	11340.000	5.16	36.04	41.20	54.00	-12.80	AVG			
4	17010.000	15.53	43.28	58.81	68.00	-9.19	peak			
5	17010.000	15.53	31.46	46.99	68.00	-21.01	AVG			



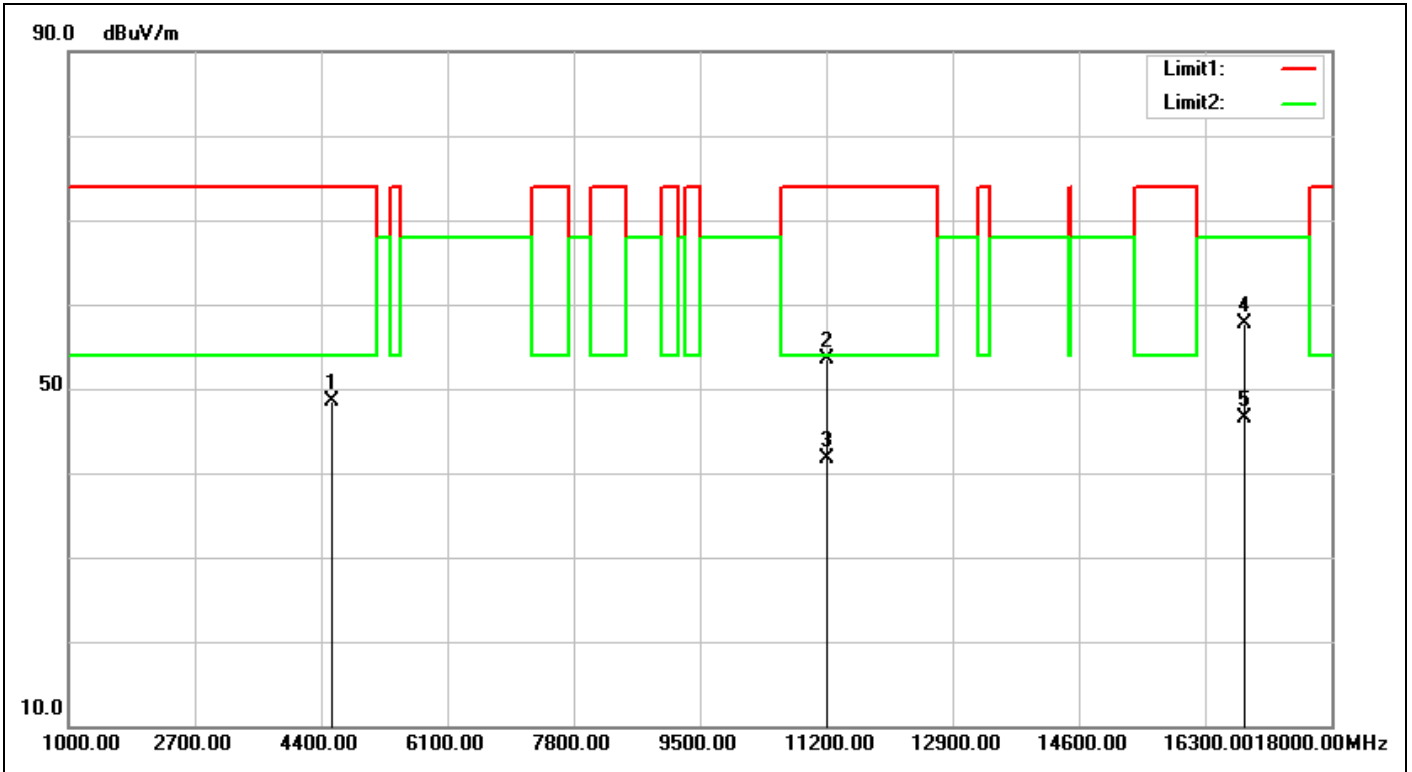
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:38:02
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5530-TX		
Remark:	Power Setting 1A 17		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4553.000	-2.15	51.09	48.94	74.00	-25.06	peak	100	331	
2	11060.000	4.95	48.33	53.28	74.00	-20.72	peak			
3	11060.000	4.95	36.23	41.18	54.00	-12.82	AVG			
4	16590.000	15.69	43.30	58.99	68.00	-9.01	peak			
5	16590.000	15.69	31.71	47.40	68.00	-20.60	AVG			



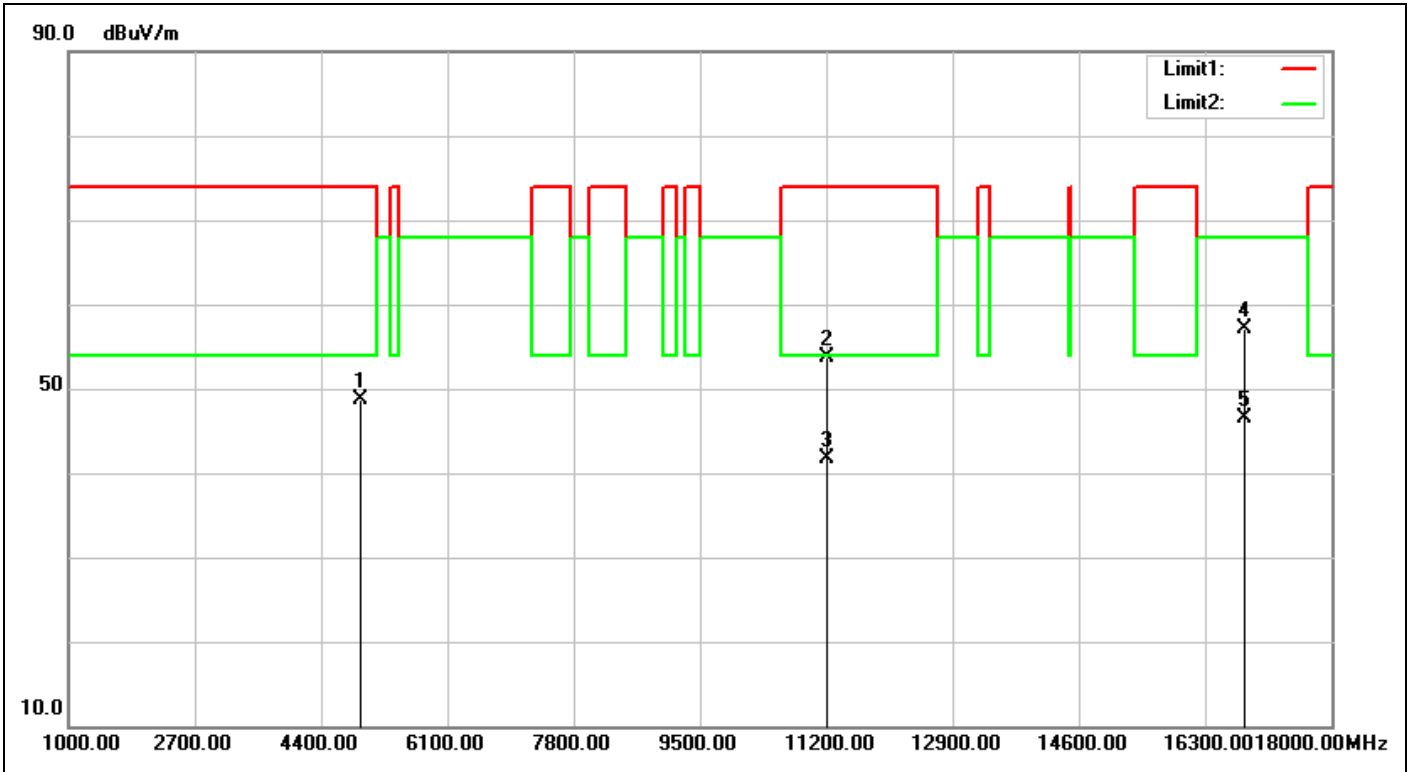
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:38:54
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5530-TX		
Remark:	Power Setting 1A 17		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4893.000	-1.59	49.64	48.05	74.00	-25.95	peak	100	74	
2	11060.000	4.95	47.92	52.87	74.00	-21.13	peak			
3	11060.000	4.95	36.17	41.12	54.00	-12.88	AVG			
4	16590.000	15.70	43.35	59.05	68.00	-8.95	peak			
5	16590.000	15.70	31.63	47.33	68.00	-20.67	AVG			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:41:50
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5610-TX		
Remark:	Power Setting 1B 17		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4553.000	-2.15	50.71	48.56	74.00	-25.44	peak	100	140	
2	11220.000	5.07	48.35	53.42	74.00	-20.58	peak			
3	11220.000	5.07	36.71	41.78	54.00	-12.22	AVG			
4	16830.000	15.61	42.15	57.76	68.00	-10.24	peak			
5	16830.000	15.61	30.85	46.46	68.00	-21.54	AVG			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:42:42
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5610-TX		
Remark:	Power Setting 1B 17		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4927.000	-1.54	50.17	48.63	74.00	-25.37	peak	100	336	
2	11220.000	5.07	48.72	53.79	74.00	-20.21	peak			
3	11220.000	5.07	36.66	41.73	54.00	-12.27	AVG			
4	16830.000	15.61	41.49	57.10	68.00	-10.90	peak			
5	16830.000	15.61	30.81	46.42	68.00	-21.58	AVG			

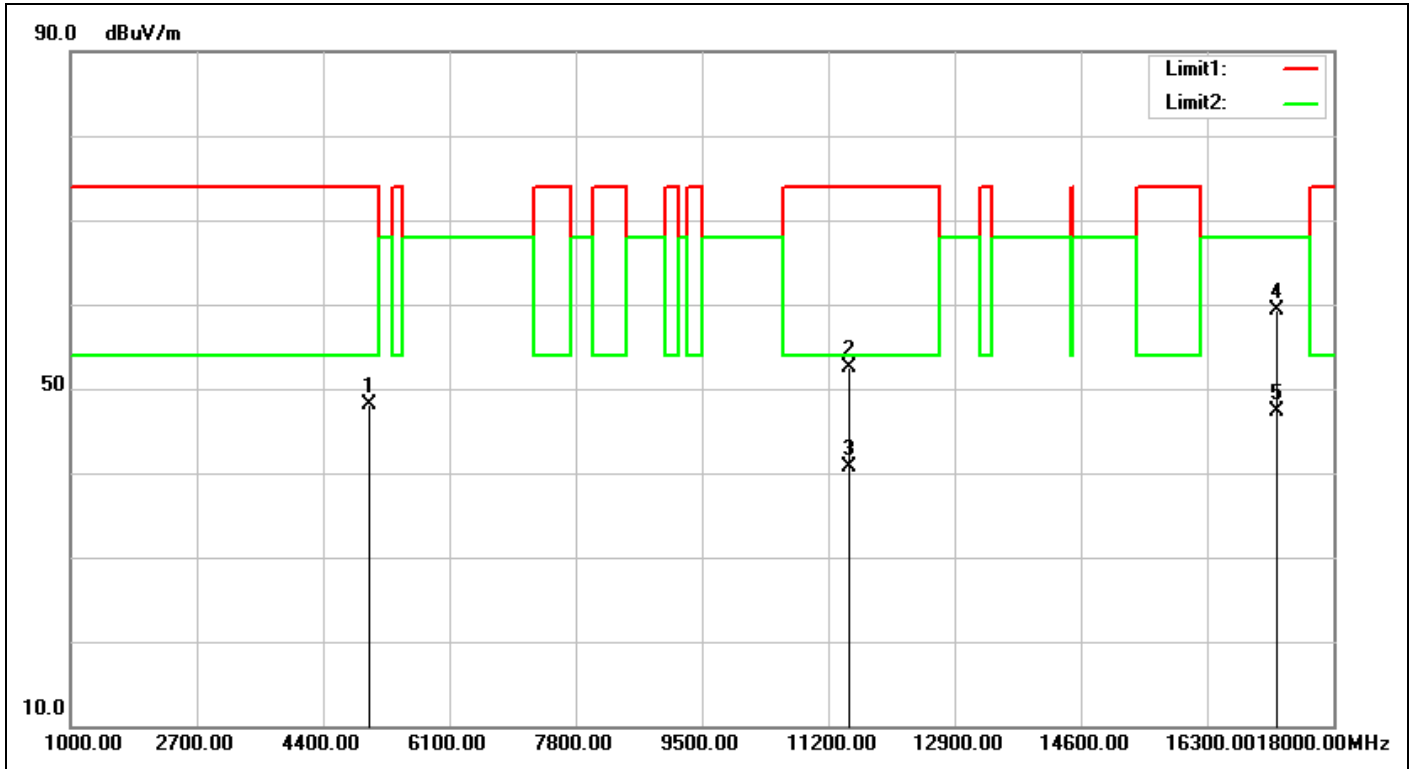
Spurious Emissions, TX Mode, 1-18G, U-NII-3



TUV Rheinland Taiwan Ltd.

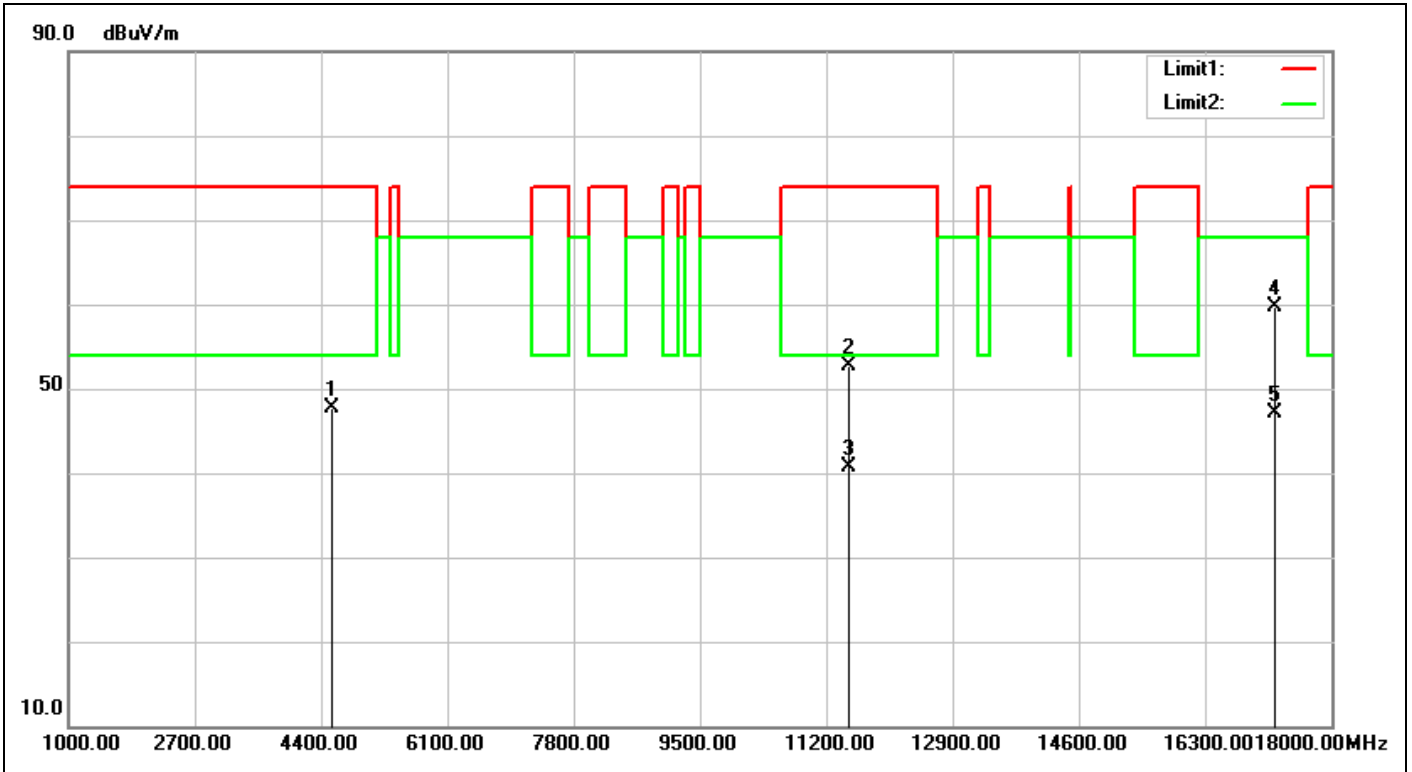
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



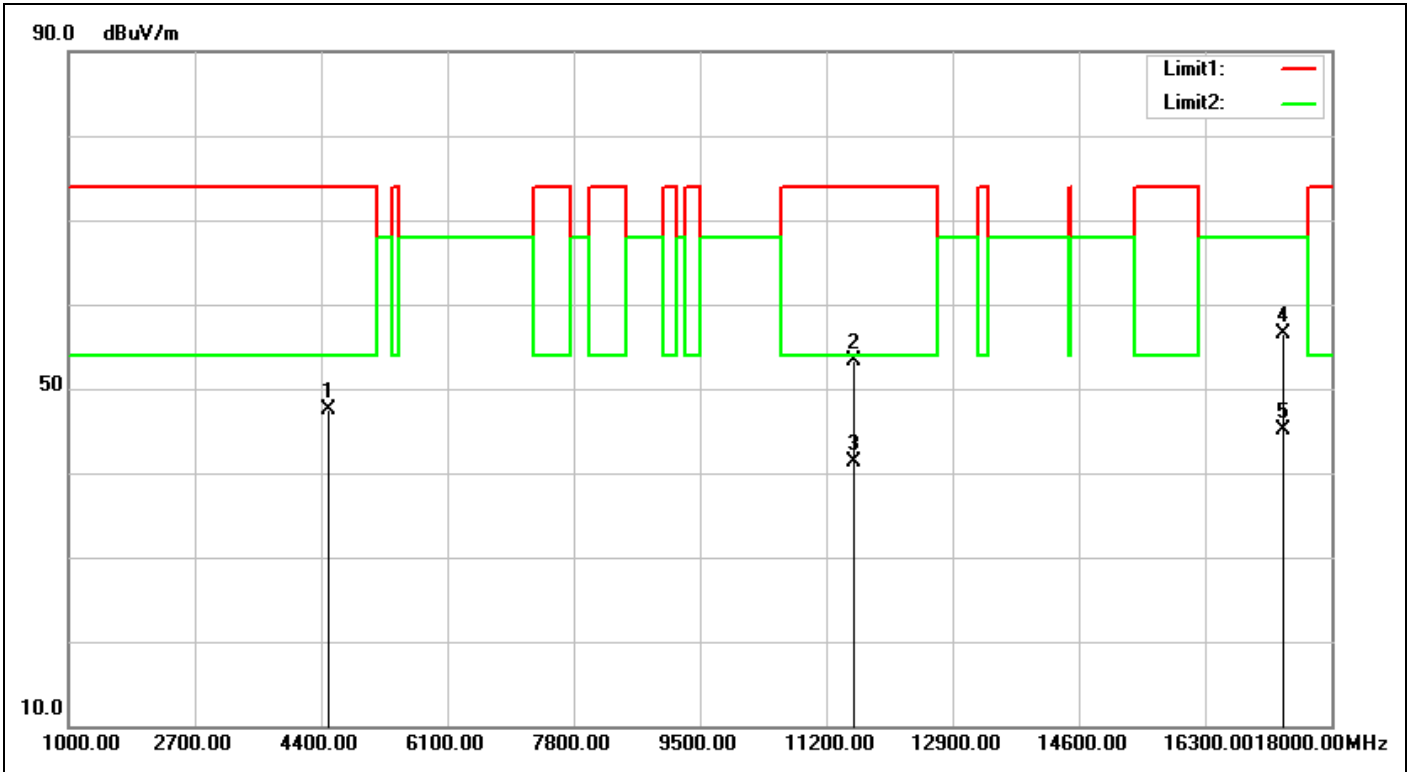
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:56:32
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5745-TX		
Remark:	Power Setting 24		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5029.000	-1.27	49.35	48.08	74.00	-25.92	peak	100	130	
2	11490.000	5.28	47.24	52.52	74.00	-21.48	peak		0	
3	11490.000	5.28	35.51	40.79	54.00	-13.21	AVG		0	
4	17235.000	15.11	44.26	59.37	68.00	-8.63	peak		0	
5	17235.000	15.11	32.11	47.22	68.00	-20.78	AVG		0	



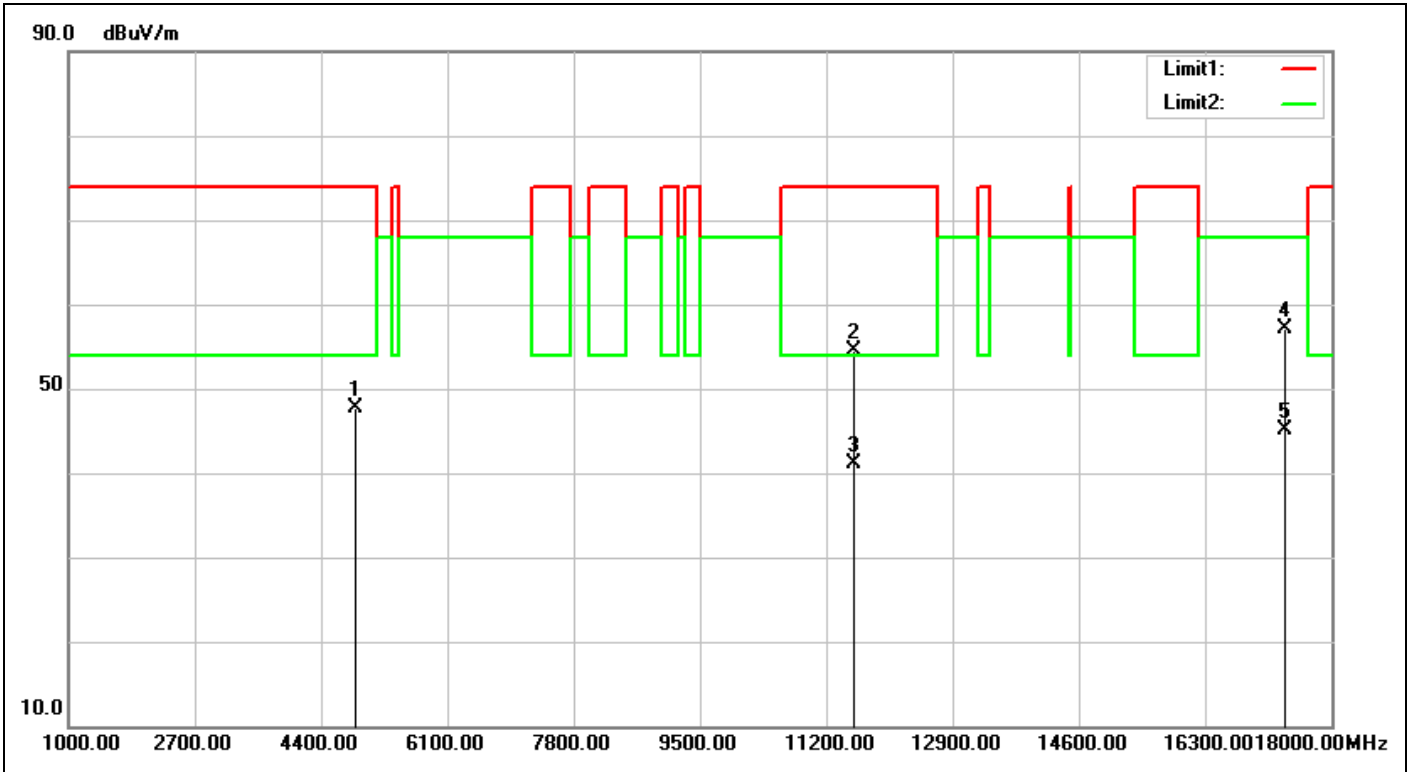
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:57:24
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5745-TX		
Remark:	Power Setting 24		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4536.000	-2.18	49.85	47.67	74.00	-26.33	peak	100	33	
2	11490.000	5.28	47.49	52.77	74.00	-21.23	peak			
3	11490.000	5.28	35.47	40.75	54.00	-13.25	AVG			
4	17235.000	15.11	44.68	59.79	68.00	-8.21	peak			
5	17235.000	15.11	32.04	47.15	68.00	-20.85	AVG			



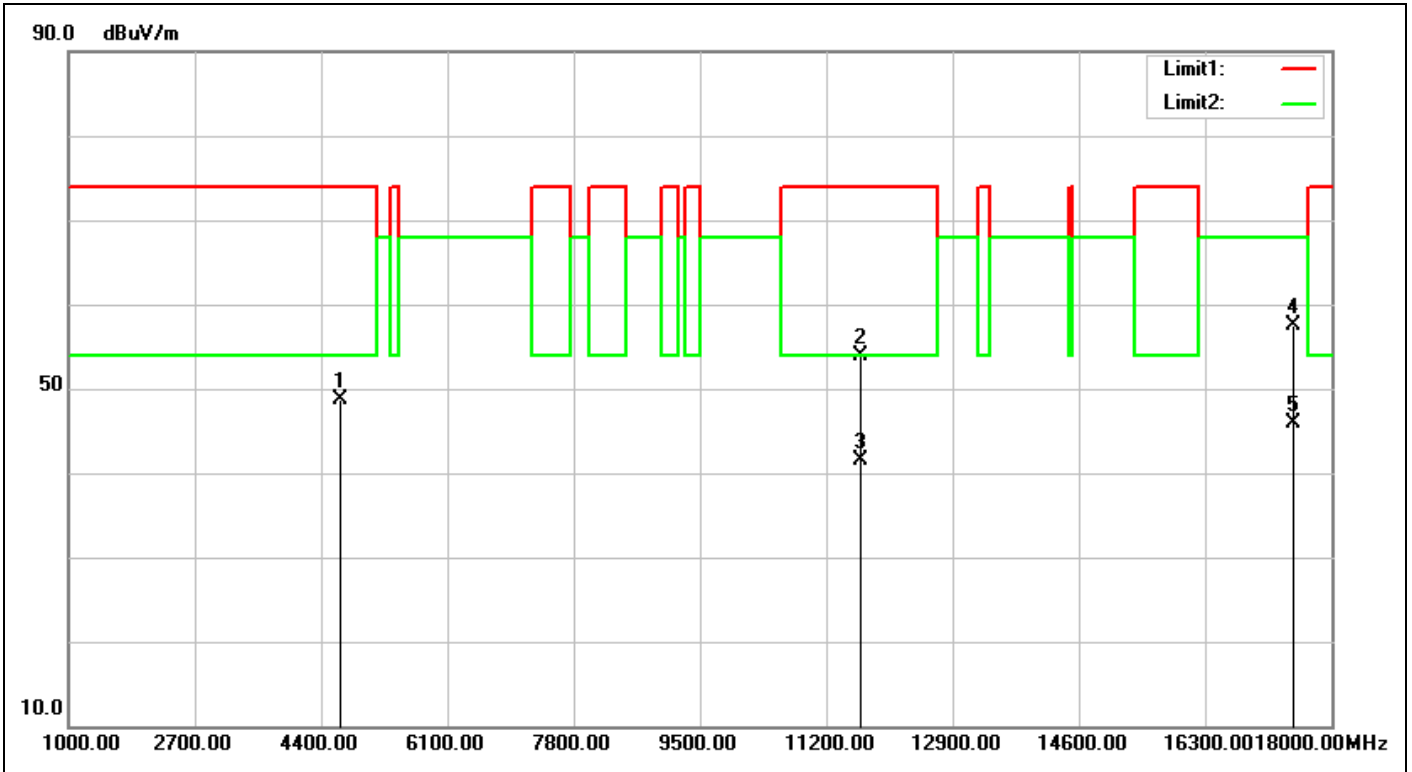
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:01:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5785-TX		
Remark:	Power Setting 25		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4502.000	-2.23	49.64	47.41	74.00	-26.59	peak	100	96	
2	11570.000	5.57	47.76	53.33	74.00	-20.67	peak			
3	11570.000	5.57	35.71	41.28	54.00	-12.72	AVG			
4	17355.000	14.89	41.66	56.55	68.00	-11.45	peak			
5	17355.000	14.89	30.20	45.09	68.00	-22.91	AVG			



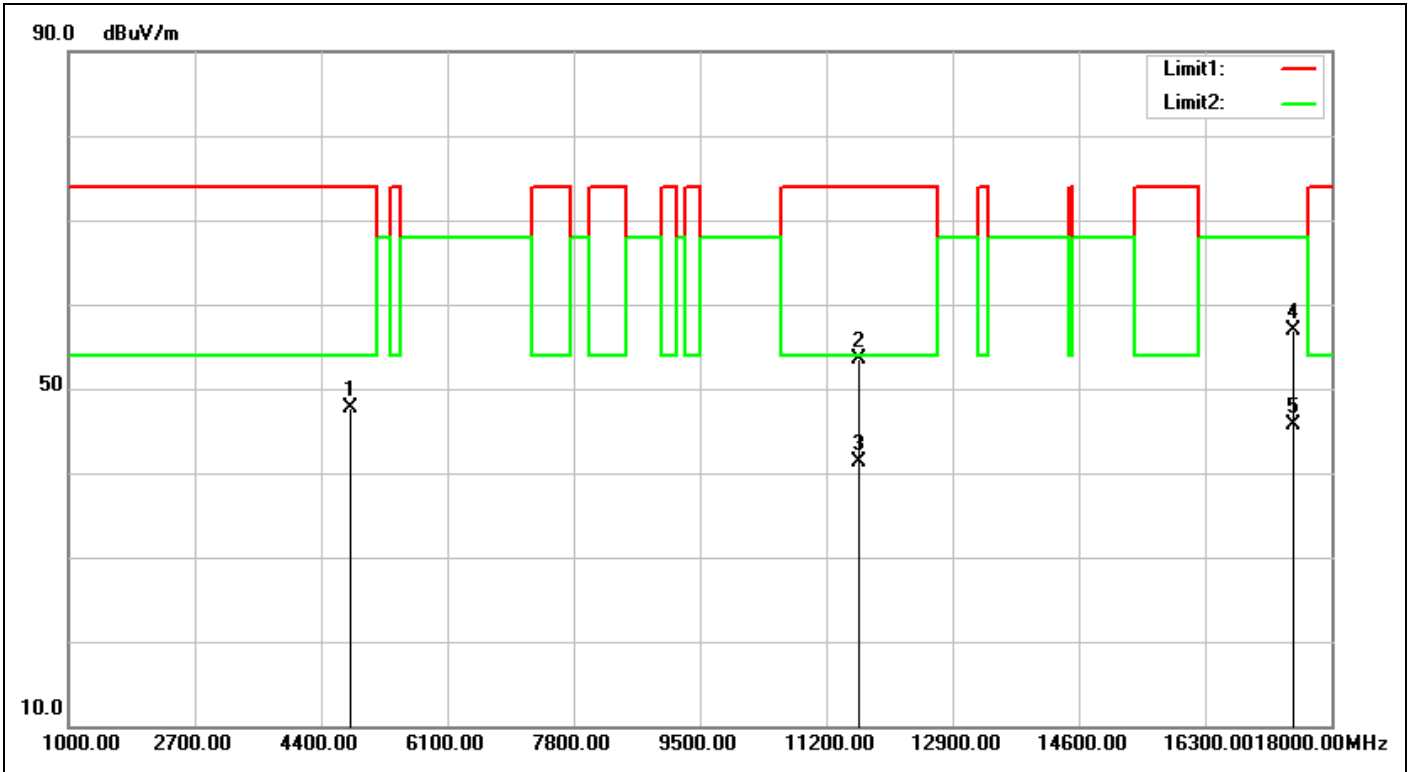
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:02:11
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5785-TX		
Remark:	Power Setting 25		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4859.000	-1.65	49.31	47.66	74.00	-26.34	peak	100	207	
2	11570.000	5.57	48.90	54.47	74.00	-19.53	peak			
3	11570.000	5.57	35.63	41.20	54.00	-12.80	AVG			
4	17355.000	14.89	42.30	57.19	68.00	-10.81	peak			
5	17355.000	14.89	30.12	45.01	68.00	-22.99	AVG			



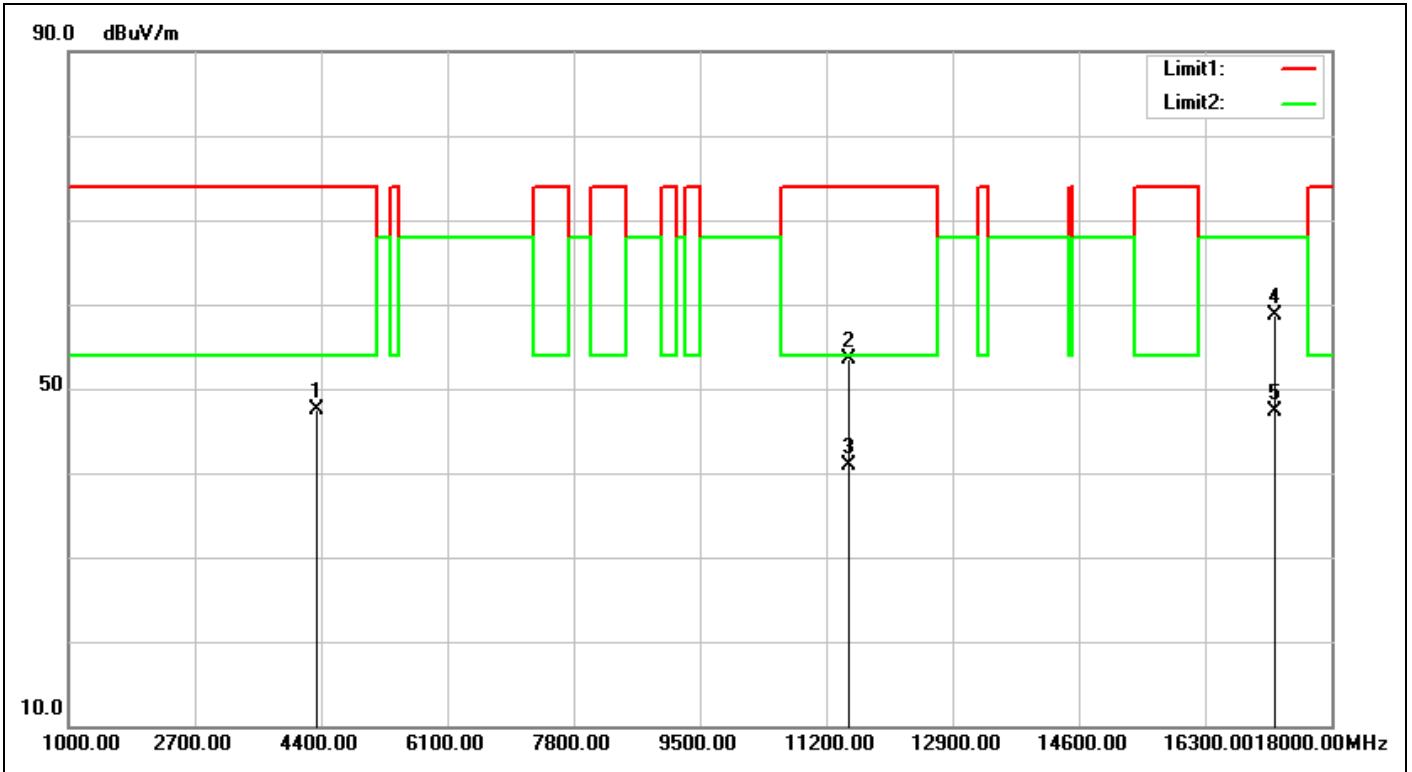
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:05:03
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5825-TX		
Remark:	Power Setting 25		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4655.000	-1.97	50.67	48.70	74.00	-25.30	peak	100	300	
2	11650.000	5.87	48.05	53.92	74.00	-20.08	peak			
3	11650.000	5.87	35.56	41.43	54.00	-12.57	AVG			
4	17475.000	14.66	42.92	57.58	68.00	-10.42	peak			
5	17475.000	14.66	31.17	45.83	68.00	-22.17	AVG			



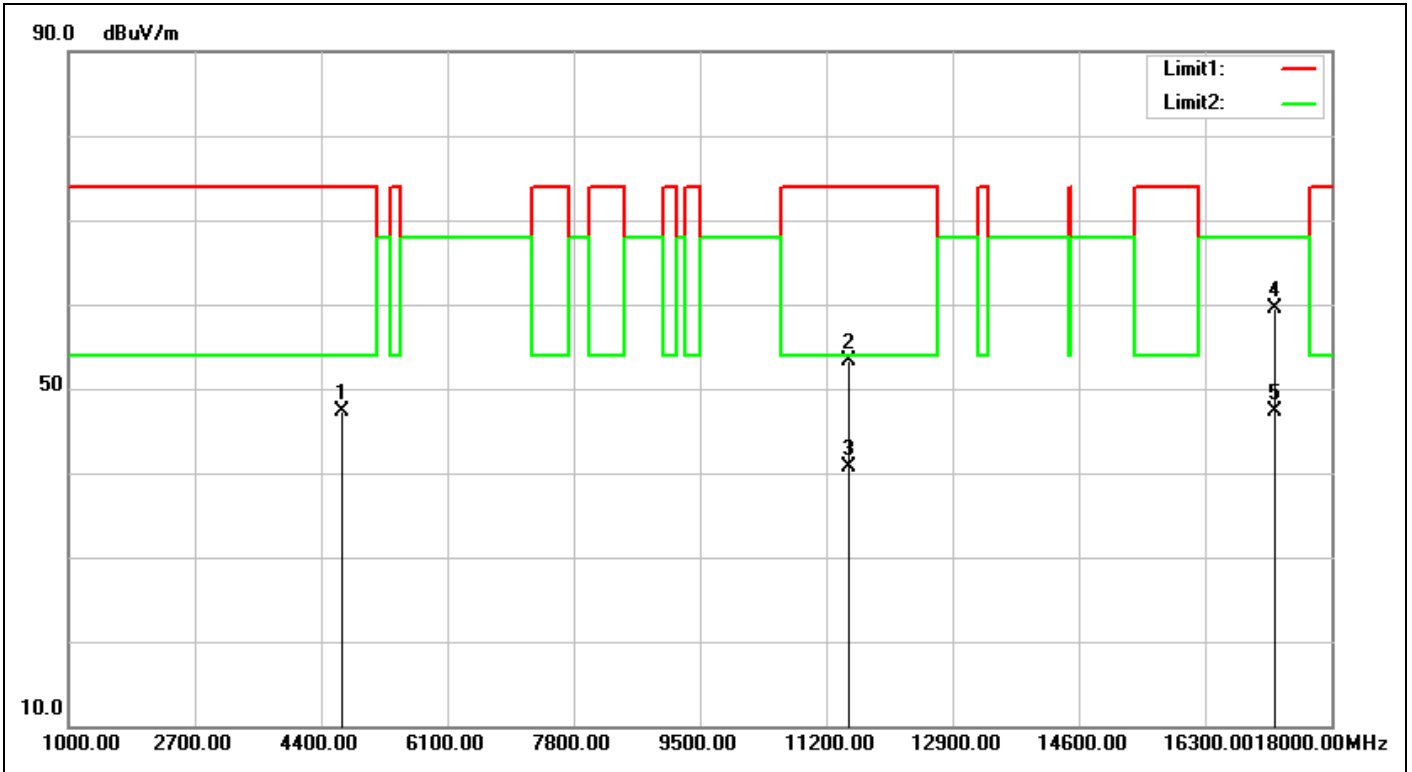
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:05:55
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5825-TX		
Remark:	Power Setting 25		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4791.000	-1.75	49.50	47.75	74.00	-26.25	peak	100	282	
2	11650.000	5.87	47.56	53.43	74.00	-20.57	peak			
3	11650.000	5.87	35.52	41.39	54.00	-12.61	AVG			
4	17475.000	14.66	42.30	56.96	68.00	-11.04	peak			
5	17475.000	14.66	31.11	45.77	68.00	-22.23	AVG			



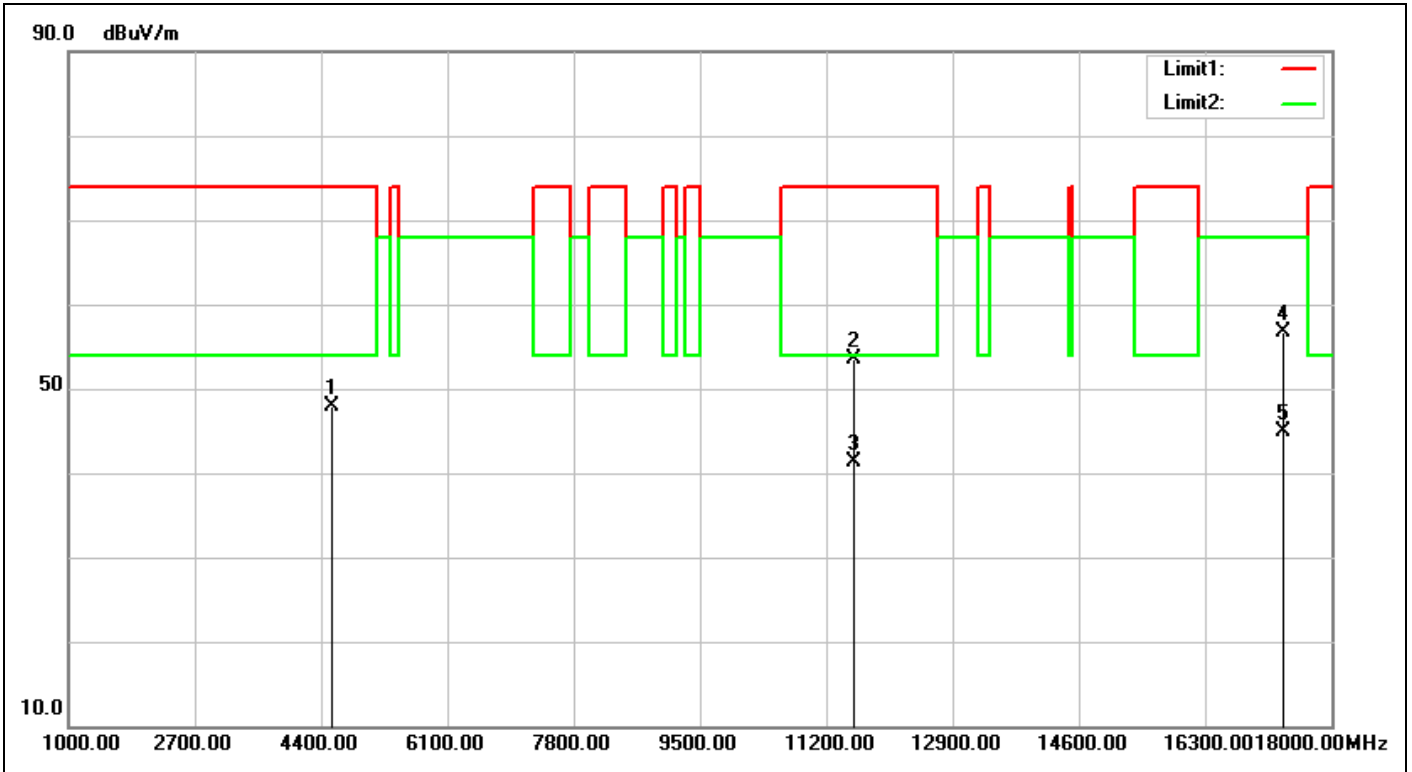
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:09:06
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5745-TX		
Remark:	Power Setting 1E 1C		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4332.000	-2.84	50.25	47.41	74.00	-26.59	peak	100	238	
2	11490.000	5.28	48.30	53.58	74.00	-20.42	peak			
3	11490.000	5.28	35.55	40.83	54.00	-13.17	AVG			
4	17235.000	15.11	43.51	58.62	68.00	-9.38	peak			
5	17235.000	15.11	32.14	47.25	68.00	-20.75	AVG			



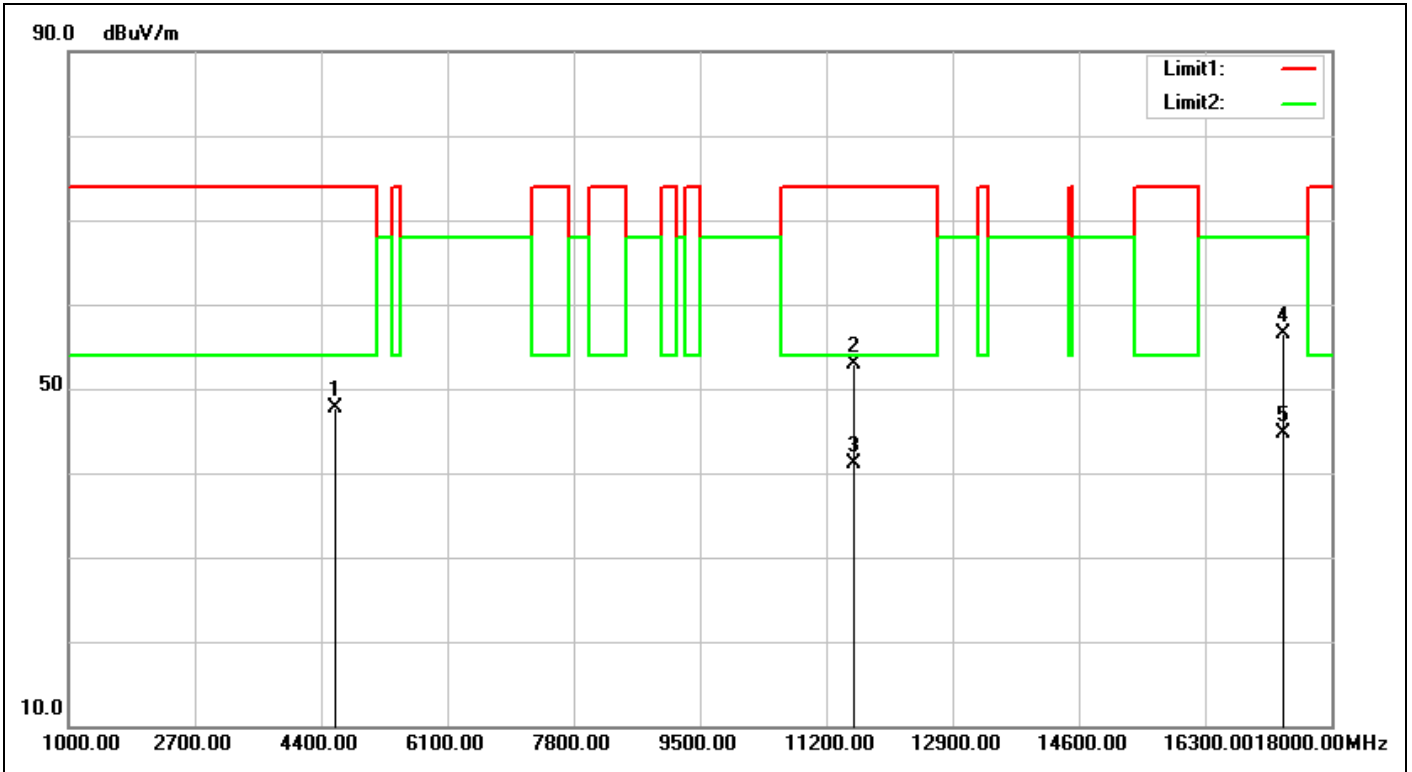
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:09:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5745-TX		
Remark:	Power Setting 1E 1C		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4672.000	-1.94	49.23	47.29	74.00	-26.71	peak	100	163	
2	11490.000	5.28	48.03	53.31	74.00	-20.69	peak			
3	11490.000	5.28	35.50	40.78	54.00	-13.22	AVG			
4	17235.000	15.11	44.33	59.44	68.00	-8.56	peak			
5	17235.000	15.11	32.11	47.22	68.00	-20.78	AVG			



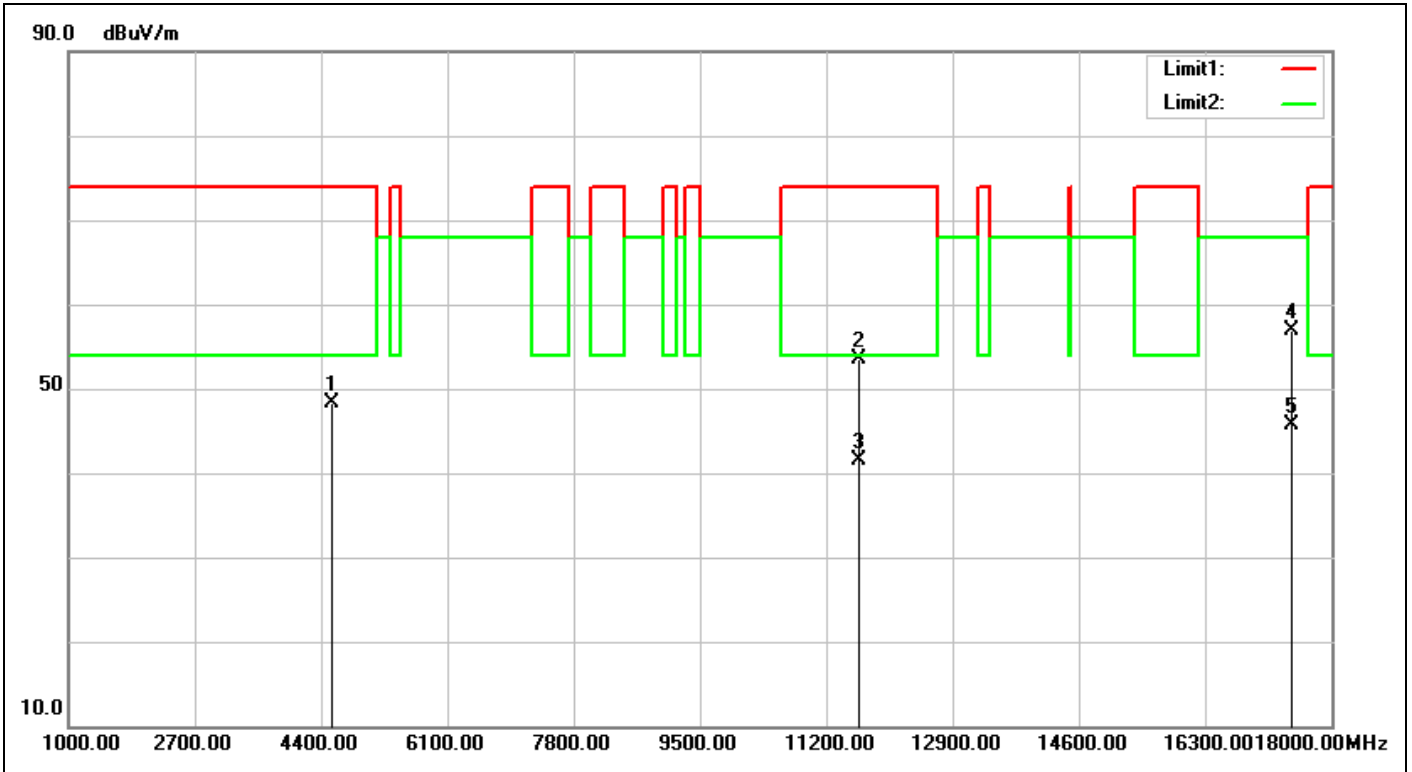
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:12:58
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5785-TX		
Remark:	Power Setting 1C 1C		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4553.000	-2.15	49.96	47.81	74.00	-26.19	peak	100	0	
2	11570.000	5.57	47.99	53.56	74.00	-20.44	peak			
3	11570.000	5.57	35.66	41.23	54.00	-12.77	AVG			
4	17355.000	14.89	41.86	56.75	68.00	-11.25	peak			
5	17355.000	14.89	30.01	44.90	68.00	-23.10	AVG			



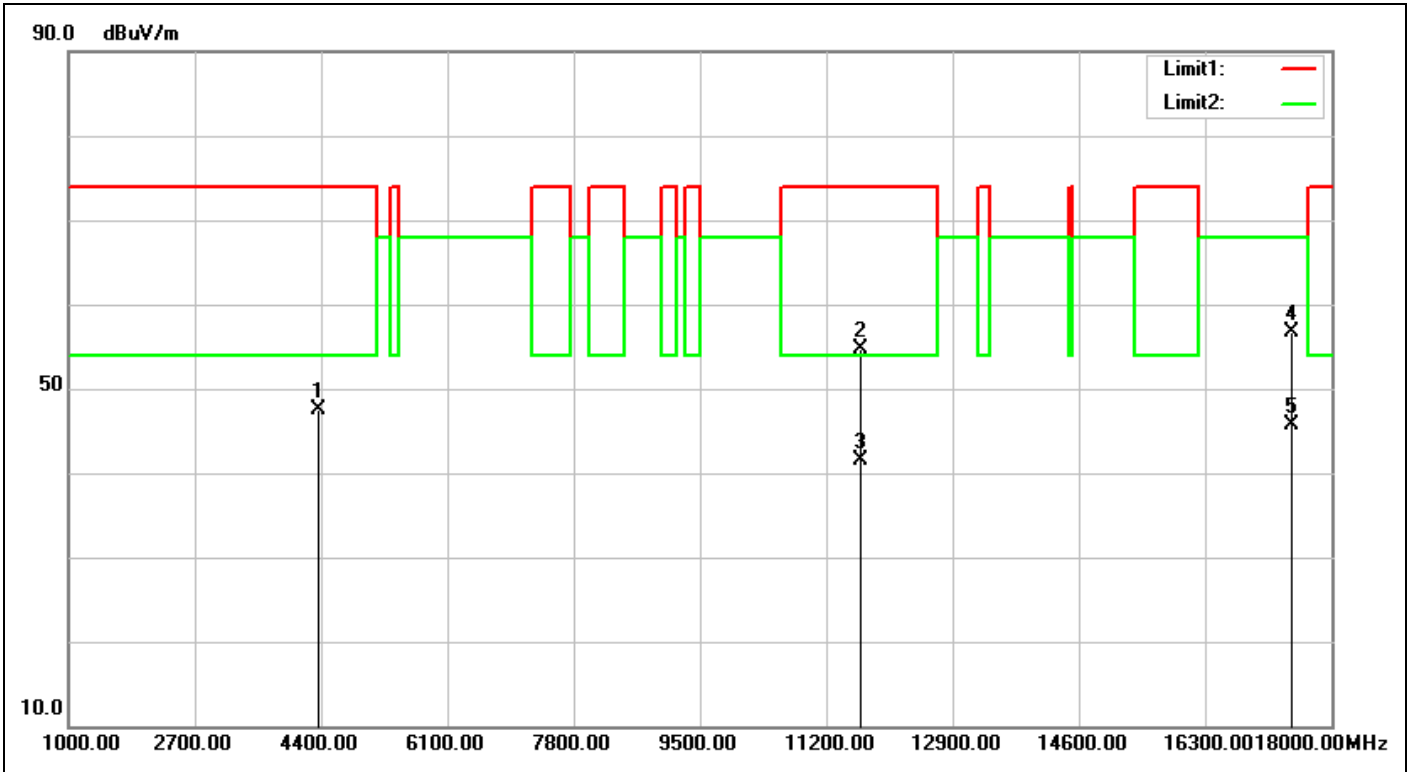
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:13:51
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5785-TX		
Remark:	Power Setting 1C 1C		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4587.000	-2.10	49.81	47.71	74.00	-26.29	peak	100	224	
2	11570.000	5.57	47.42	52.99	74.00	-21.01	peak			
3	11570.000	5.57	35.58	41.15	54.00	-12.85	AVG			
4	17355.000	14.89	41.62	56.51	68.00	-11.49	peak			
5	17355.000	14.89	29.91	44.80	68.00	-23.20	AVG			



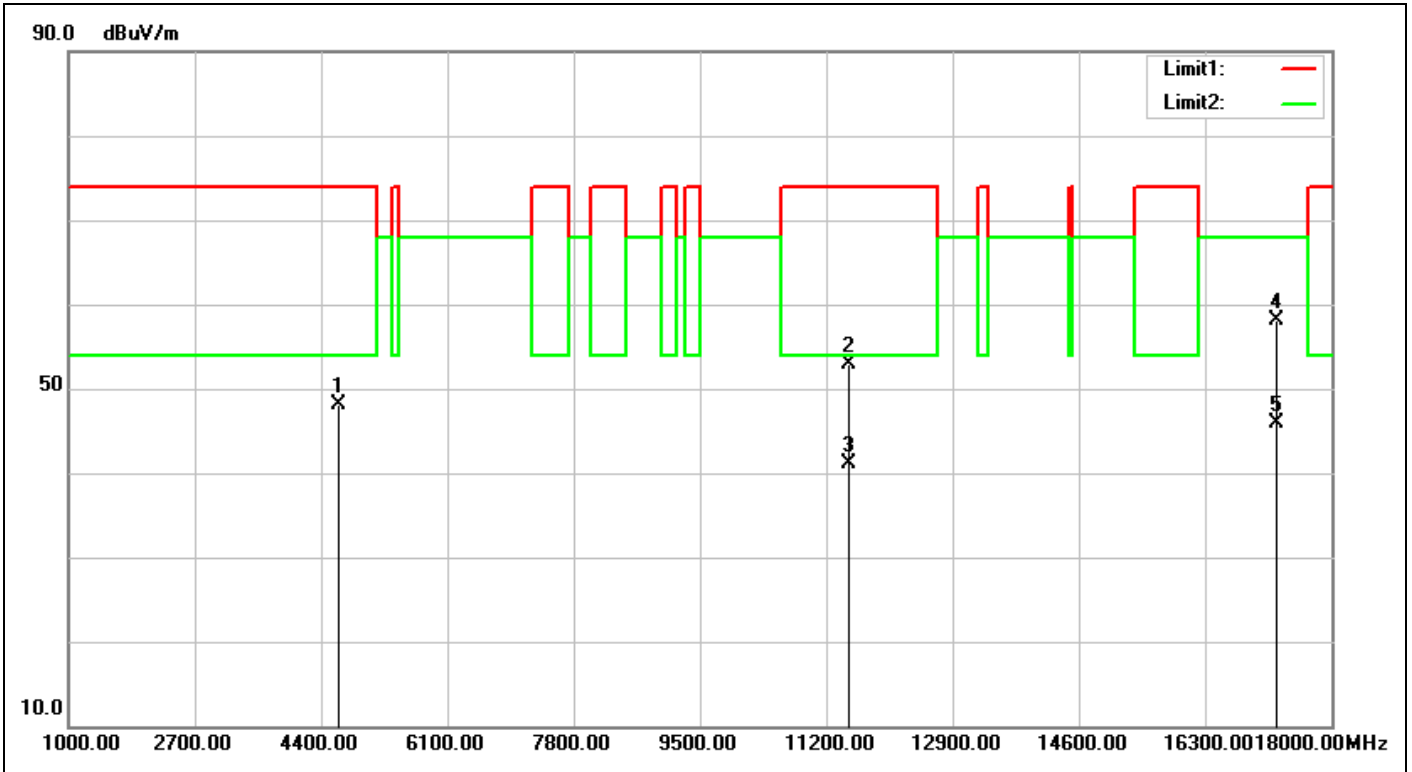
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:16:32
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5825-TX		
Remark:	Power Setting 1E 1E		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4536.000	-2.18	50.56	48.38	74.00	-25.62	peak	100	45	
2	11650.000	5.87	47.60	53.47	74.00	-20.53	peak			
3	11650.000	5.87	35.63	41.50	54.00	-12.50	AVG			
4	17475.000	14.66	42.32	56.98	68.00	-11.02	peak			
5	17475.000	14.66	31.14	45.80	68.00	-22.20	AVG			



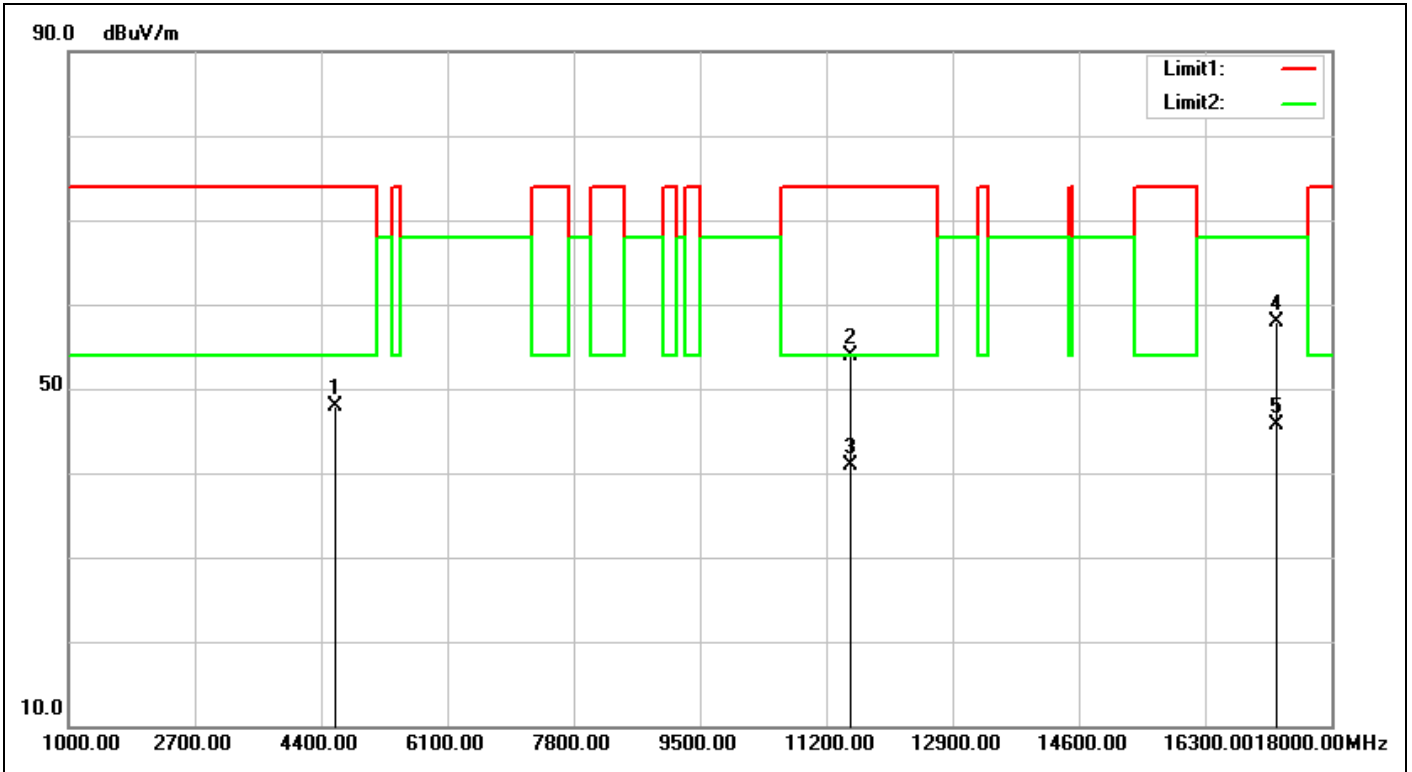
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:17:24
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5825-TX		
Remark:	Power Setting 1E 1E		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4366.000	-2.72	50.28	47.56	74.00	-26.44	peak	100	121	
2	11650.000	5.87	48.79	54.66	74.00	-19.34	peak			
3	11650.000	5.87	35.58	41.45	54.00	-12.55	AVG			
4	17475.000	14.66	42.01	56.67	68.00	-11.33	peak			
5	17475.000	14.66	31.08	45.74	68.00	-22.26	AVG			



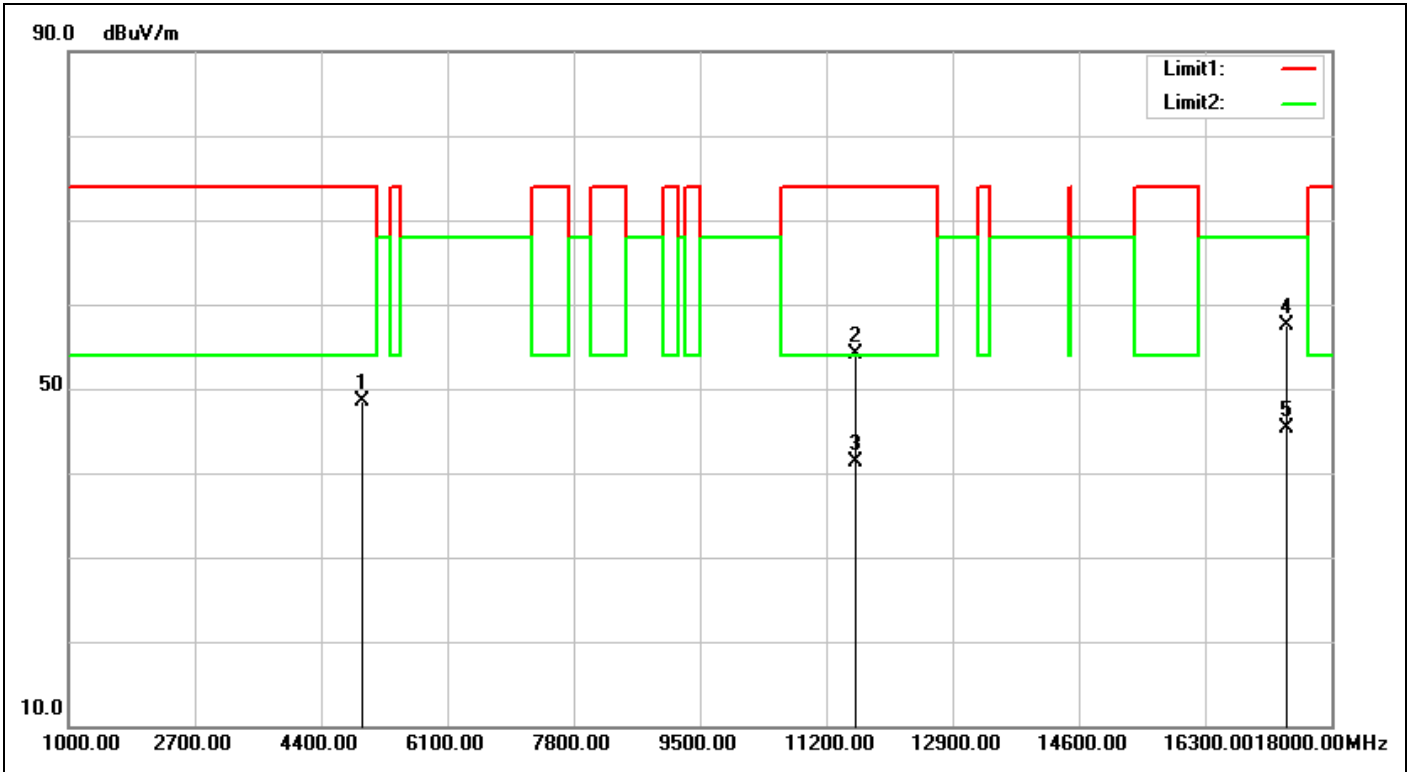
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:20:35
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5755-TX		
Remark:	Power Setting 1C 1B		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4638.000	-1.99	50.12	48.13	74.00	-25.87	peak	100	360	
2	11510.000	5.32	47.67	52.99	74.00	-21.01	peak			
3	11510.000	5.32	35.71	41.03	54.00	-12.97	AVG			
4	17265.000	15.06	43.11	58.17	68.00	-9.83	peak			
5	17265.000	15.06	30.77	45.83	68.00	-22.17	AVG			



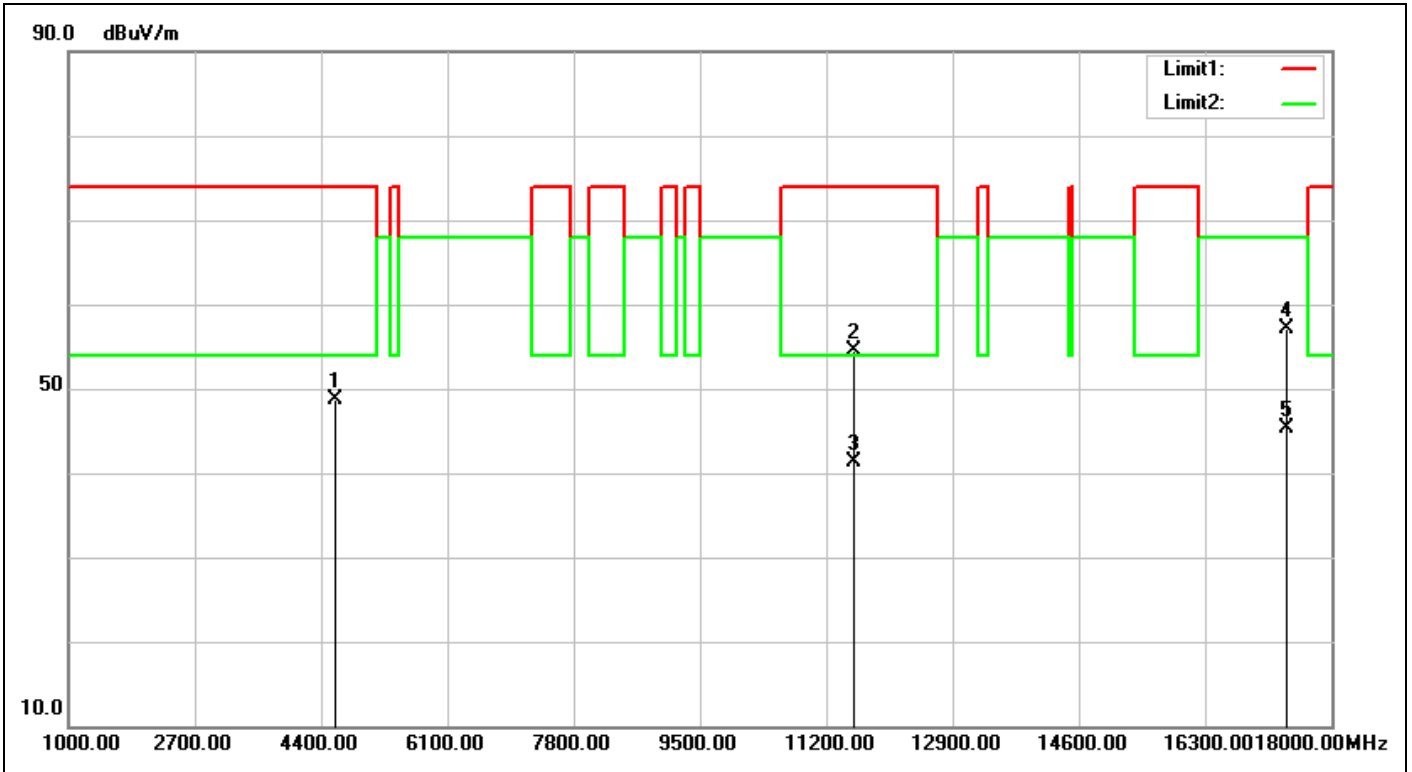
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:21:28
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5755-TX		
Remark:	Power Setting 1C 1B		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4587.000	-2.10	50.04	47.94	74.00	-26.06	peak	100	268	
2	11510.000	5.33	48.66	53.99	74.00	-20.01	peak			
3	11510.000	5.33	35.66	40.99	54.00	-13.01	AVG			
4	17265.000	15.06	42.79	57.85	68.00	-10.15	peak			
5	17265.000	15.06	30.74	45.80	68.00	-22.20	AVG			



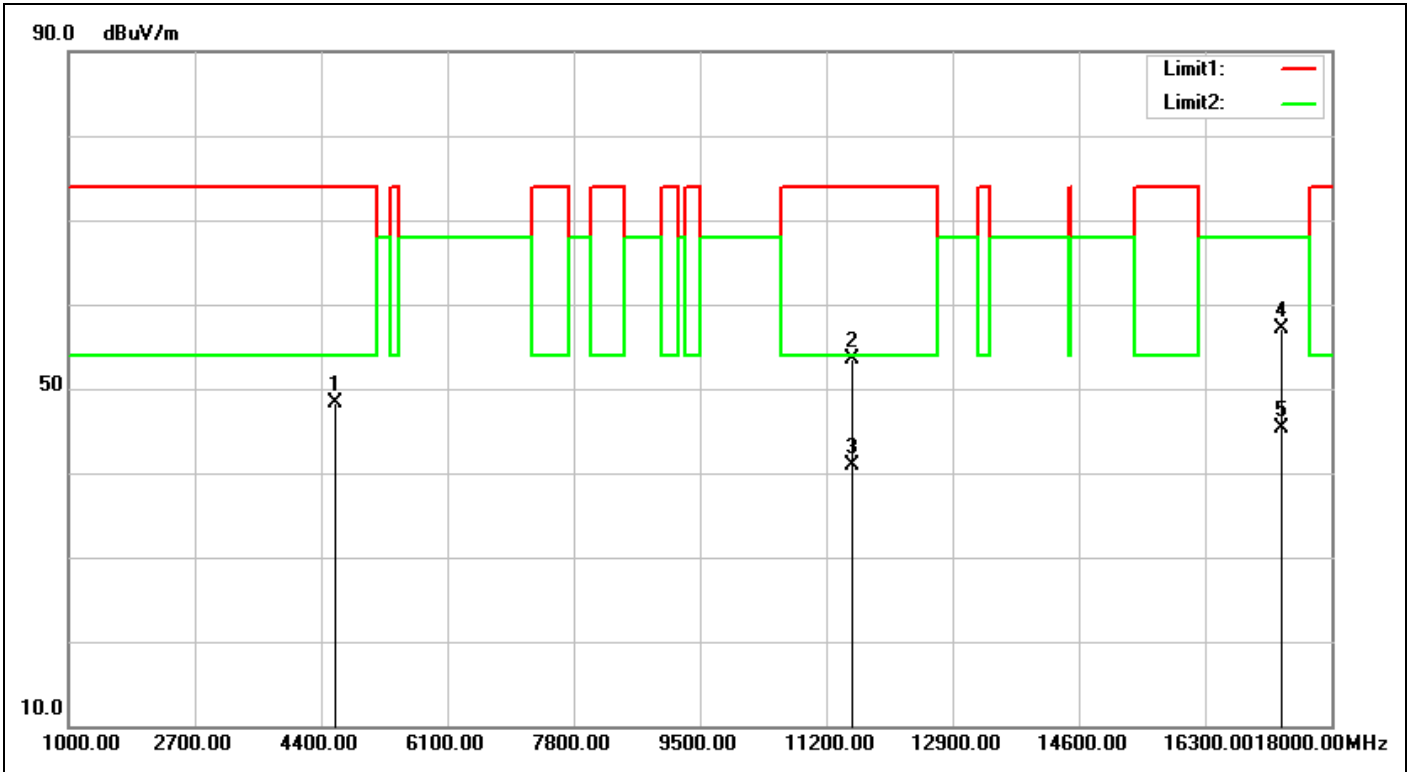
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:24:29
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5795-TX		
Remark:	Power Setting 1A 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4961.000	-1.47	49.94	48.47	74.00	-25.53	peak	100	269	
2	11590.000	5.64	48.53	54.17	74.00	-19.83	peak			
3	11590.000	5.64	35.66	41.30	54.00	-12.70	AVG			
4	17385.000	14.84	42.60	57.44	68.00	-10.56	peak			
5	17385.000	14.84	30.53	45.37	68.00	-22.63	AVG			



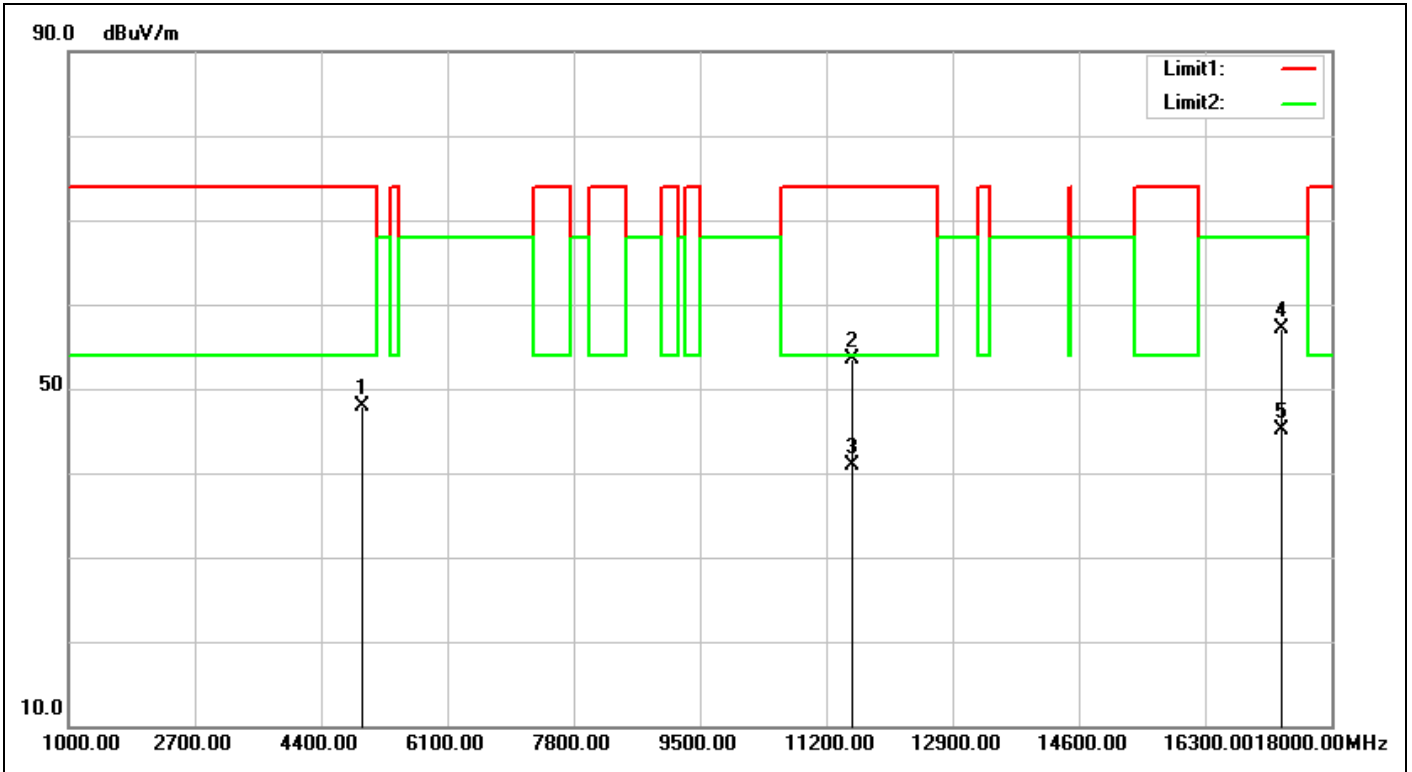
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:25:21
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5795-TX		
Remark:	Power Setting 1A 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4587.000	-2.10	50.76	48.66	74.00	-25.34	peak	100	272	
2	11590.000	5.64	48.80	54.44	74.00	-19.56	peak			
3	11590.000	5.64	35.58	41.22	54.00	-12.78	AVG			
4	17385.000	14.84	42.31	57.15	68.00	-10.85	peak			
5	17385.000	14.84	30.49	45.33	68.00	-22.67	AVG			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:28:36
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5775-TX		
Remark:	Power Setting 1D 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4587.000	-2.10	50.34	48.24	74.00	-25.76	peak	100	297	
2	11550.000	5.49	48.02	53.51	74.00	-20.49	peak			
3	11550.000	5.49	35.51	41.00	54.00	-13.00	AVG			
4	17325.000	14.94	42.12	57.06	68.00	-10.94	peak			
5	17325.000	14.94	30.31	45.25	68.00	-22.75	AVG			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:29:28
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5775-TX		
Remark:	Power Setting 1D 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4961.000	-1.47	49.30	47.83	74.00	-26.17	peak	100	265	
2	11550.000	5.49	47.97	53.46	74.00	-20.54	peak			
3	11550.000	5.49	35.49	40.98	54.00	-13.02	AVG			
4	17325.000	14.94	42.09	57.03	68.00	-10.97	peak			
5	17325.000	14.94	30.26	45.20	68.00	-22.80	AVG			

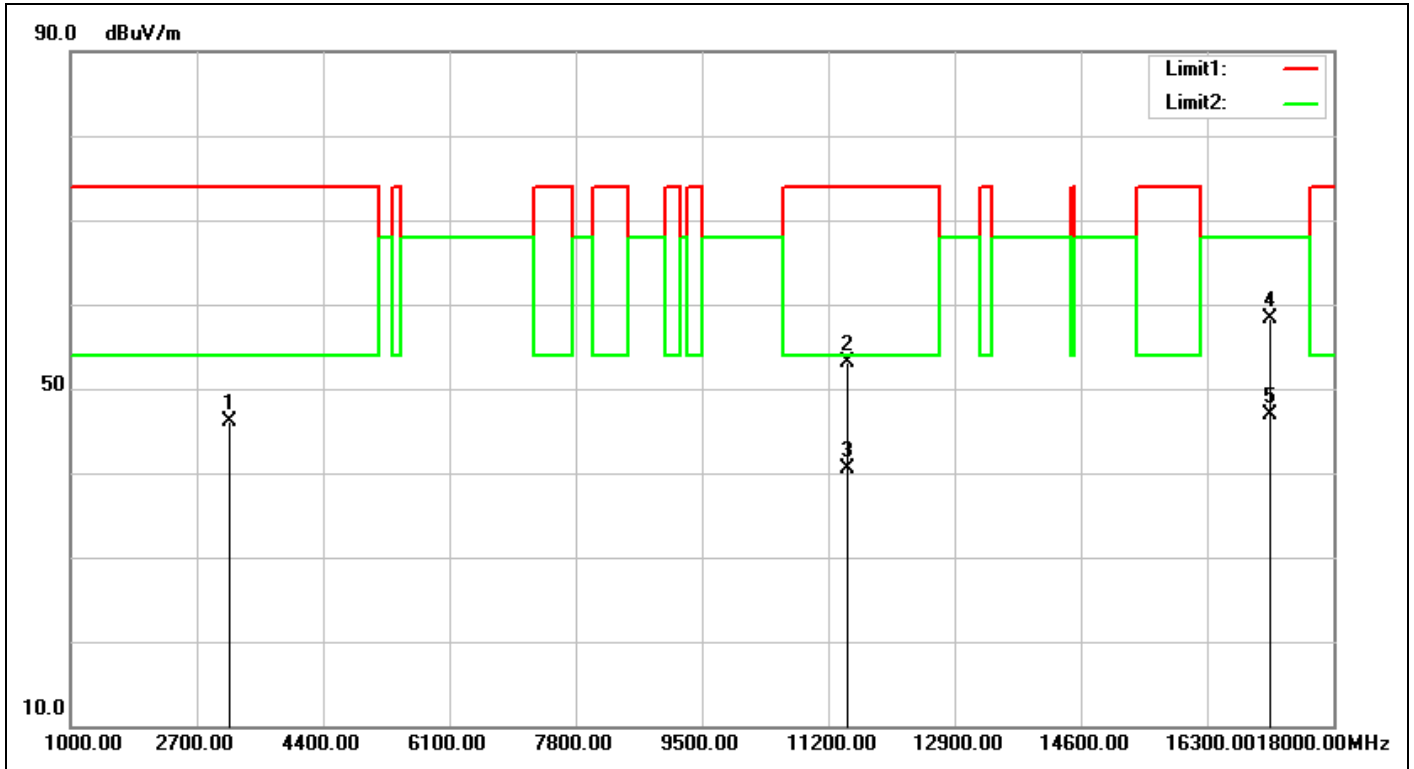
Spurious Emissions, TX Mode, 1-18G, Straddle Channel



TUV Rheinland Taiwan Ltd.

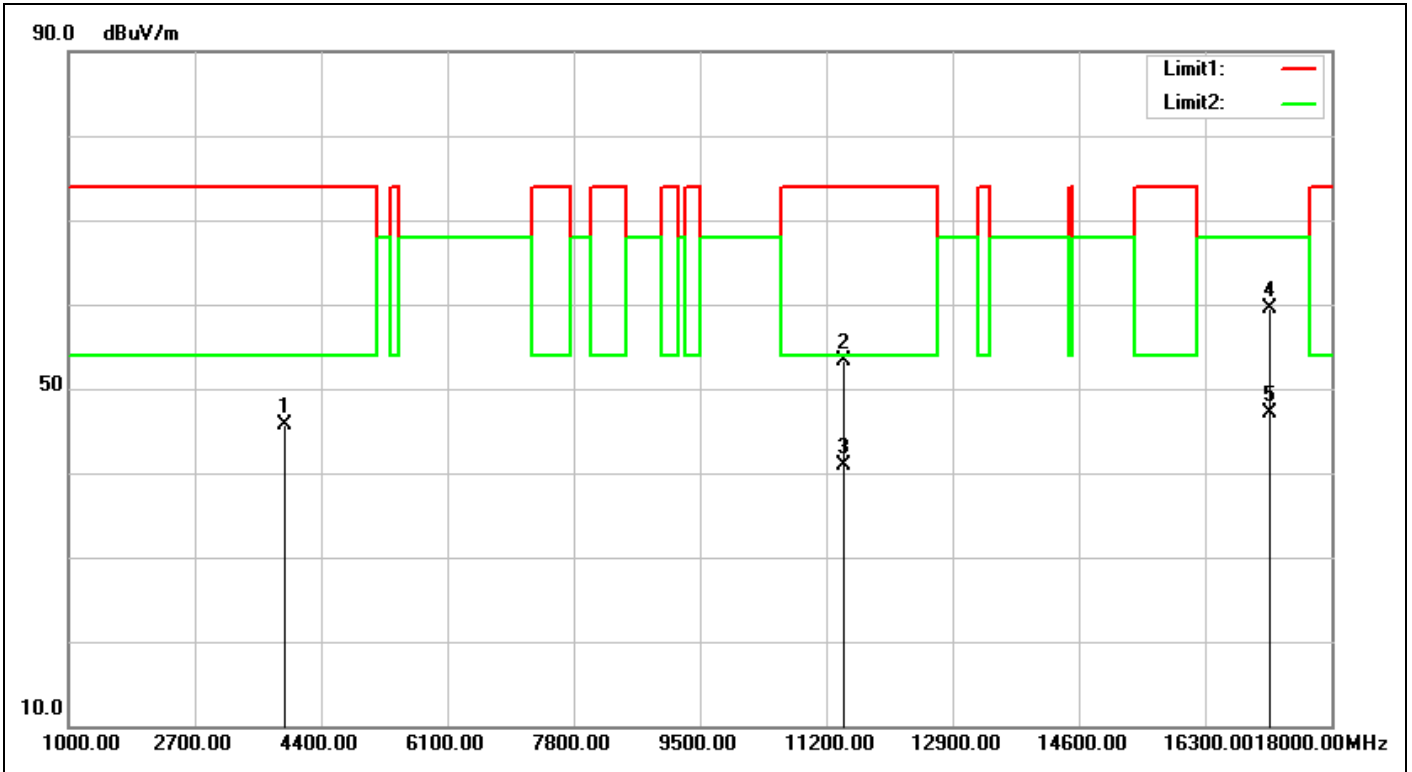
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



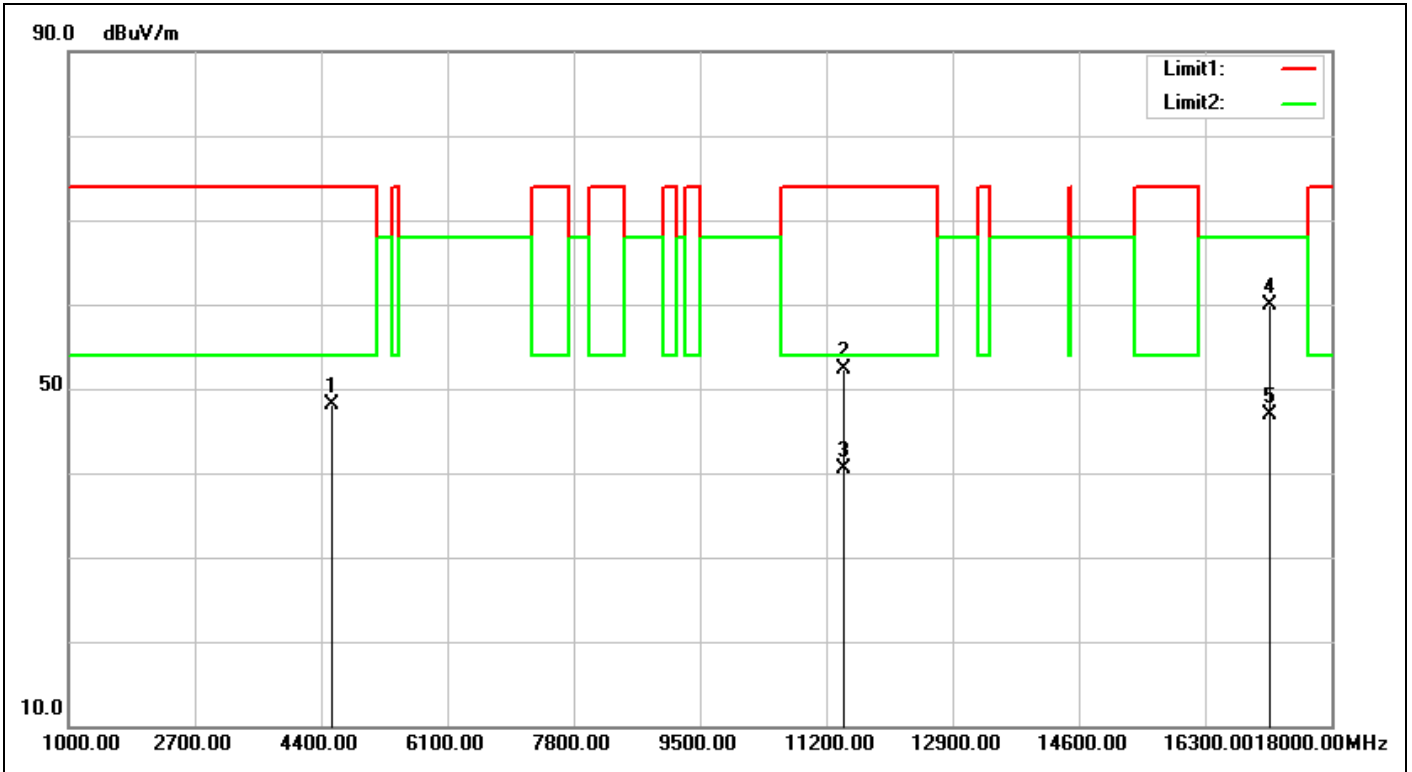
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/20 00:57:47
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5720-TX		
Remark:	Power Setting 27 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3142.000	-5.28	51.45	46.17	74.00	-27.83	peak	100	281	
2	11440.000	5.24	47.93	53.17	74.00	-20.83	peak		0	
3	11440.000	5.24	35.30	40.54	54.00	-13.46	AVG		0	
4	17160.000	15.25	42.97	58.22	68.00	-9.78	peak		0	
5	17160.000	15.25	31.72	46.97	68.00	-21.03	AVG		0	



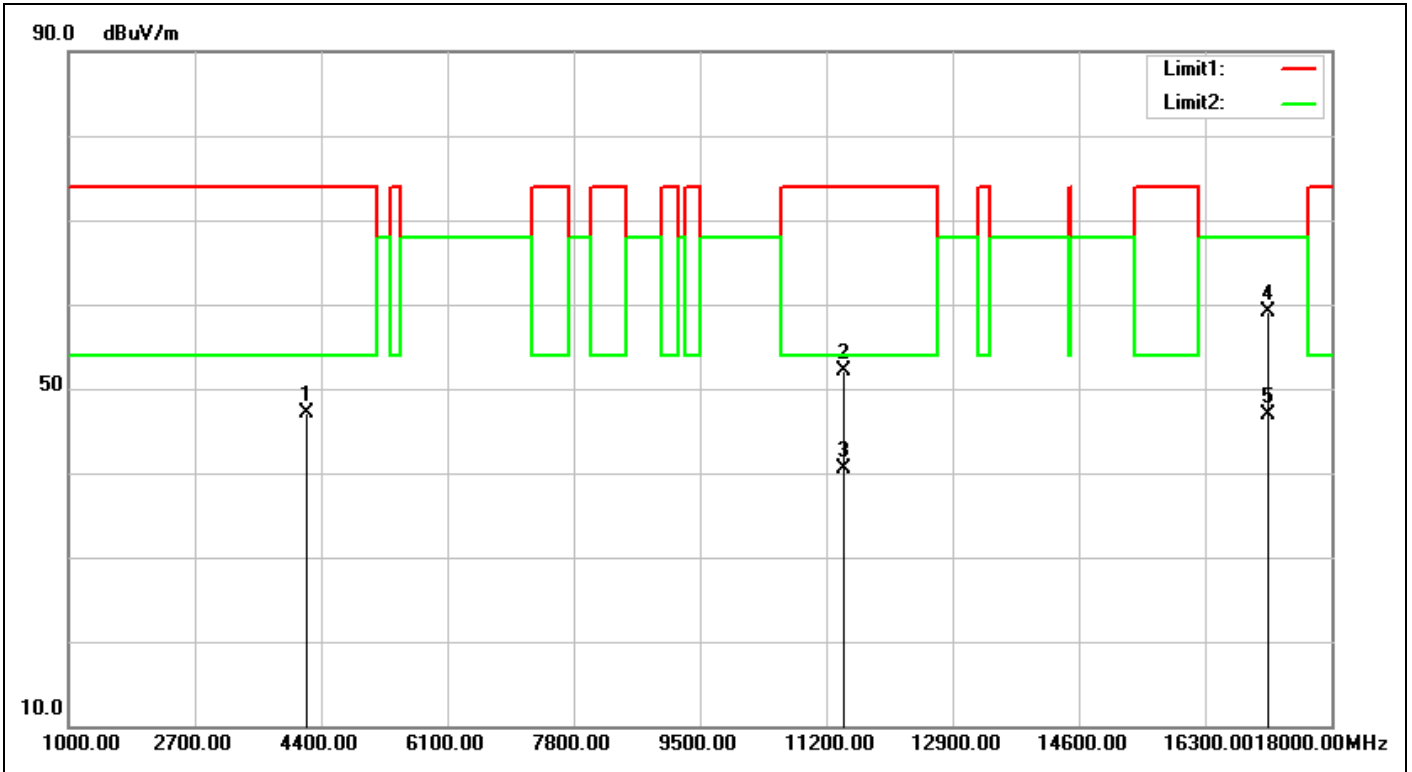
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/20 00:58:40
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5720-TX		
Remark:	Power Setting 27 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3907.000	-4.24	49.87	45.63	74.00	-28.37	peak	100	360	
2	11440.000	5.24	48.12	53.36	74.00	-20.64	peak			
3	11440.000	5.24	35.63	40.87	54.00	-13.13	AVG			
4	17160.000	15.25	44.18	59.43	68.00	-8.57	peak			
5	17160.000	15.25	31.87	47.12	68.00	-20.88	AVG			



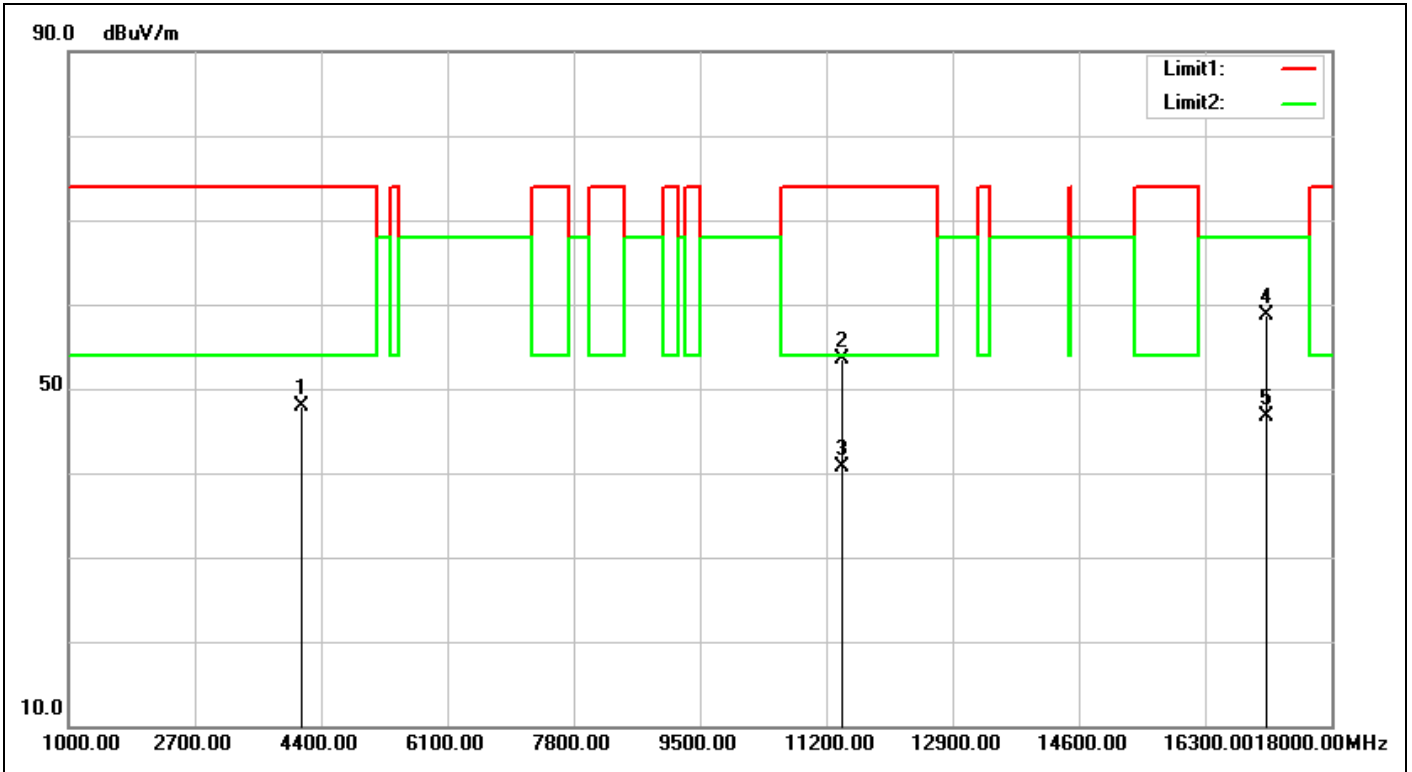
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/20 01:04:56
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5720-TX		
Remark:	Power Setting 1E 1B		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4553.000	-2.15	50.28	48.13	74.00	-25.87	peak	100	34	
2	11440.000	5.24	47.14	52.38	74.00	-21.62	peak			
3	11440.000	5.24	35.24	40.48	54.00	-13.52	AVG			
4	17160.000	15.25	44.59	59.84	68.00	-8.16	peak			
5	17160.000	15.25	31.66	46.91	68.00	-21.09	AVG			



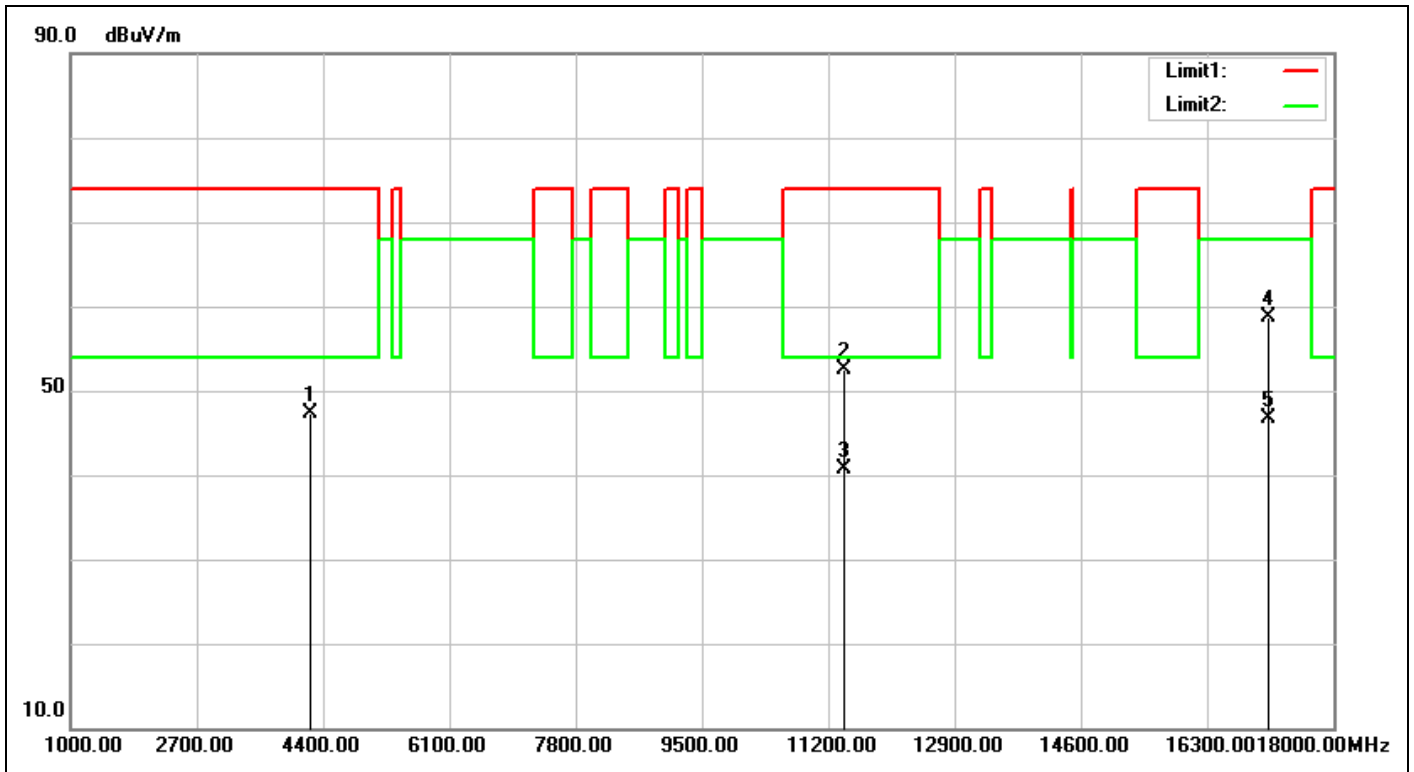
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/20 01:05:49
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5720-TX		
Remark:	Power Setting 1E 1B		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4196.000	-3.35	50.43	47.08	74.00	-26.92	peak	100	134	
2	11440.000	5.24	46.88	52.12	74.00	-21.88	peak			
3	11440.000	5.24	35.31	40.55	54.00	-13.45	AVG			
4	17160.000	15.25	43.86	59.11	68.00	-8.89	peak			
5	17160.000	15.25	31.72	46.97	68.00	-21.03	AVG			



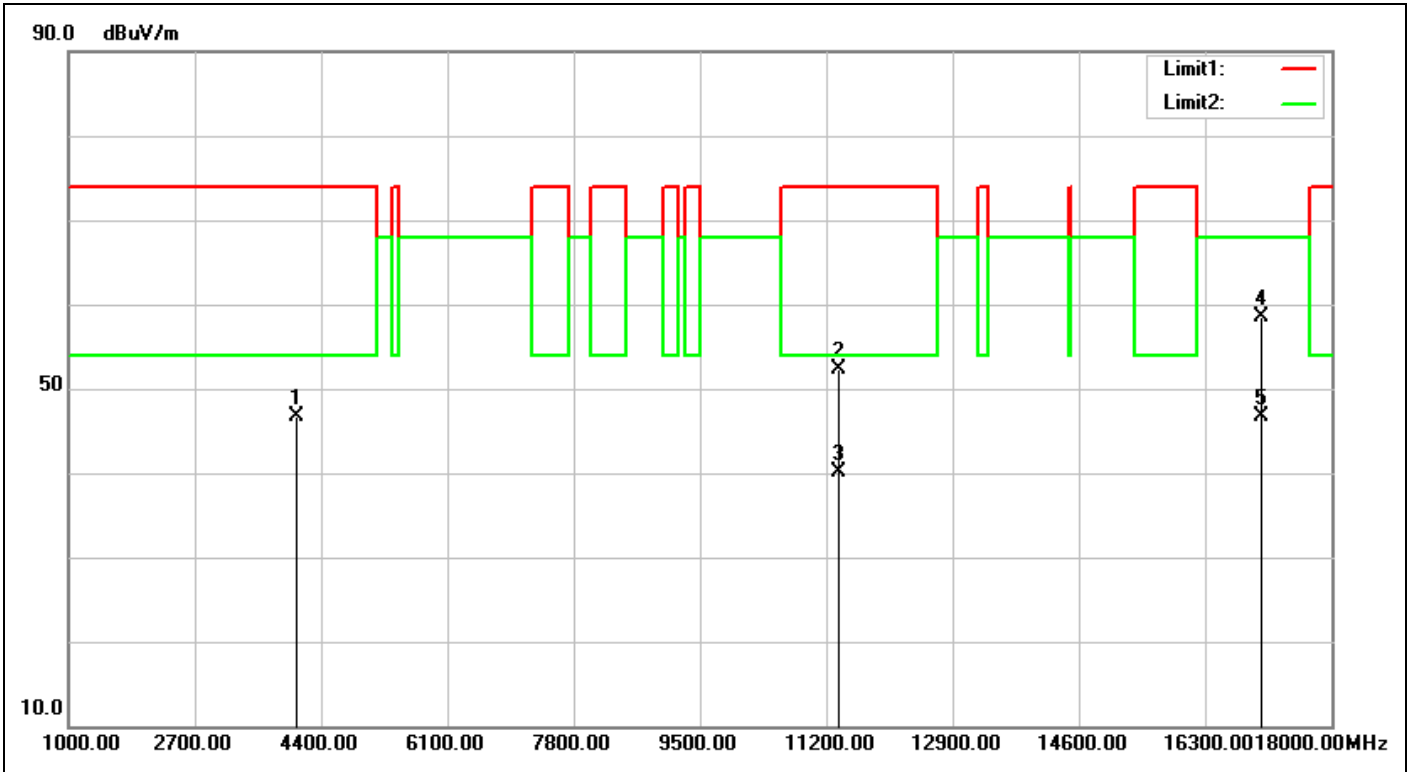
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/20 01:10:45
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5710-TX		
Remark:	Power Setting 1C 1C		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4145.000	-3.53	51.41	47.88	74.00	-26.12	peak	100	44	
2	11420.000	5.23	48.19	53.42	74.00	-20.58	peak			
3	11420.000	5.23	35.53	40.76	54.00	-13.24	AVG			
4	17130.000	15.32	43.46	58.78	68.00	-9.22	peak			
5	17130.000	15.32	31.43	46.75	68.00	-21.25	AVG			



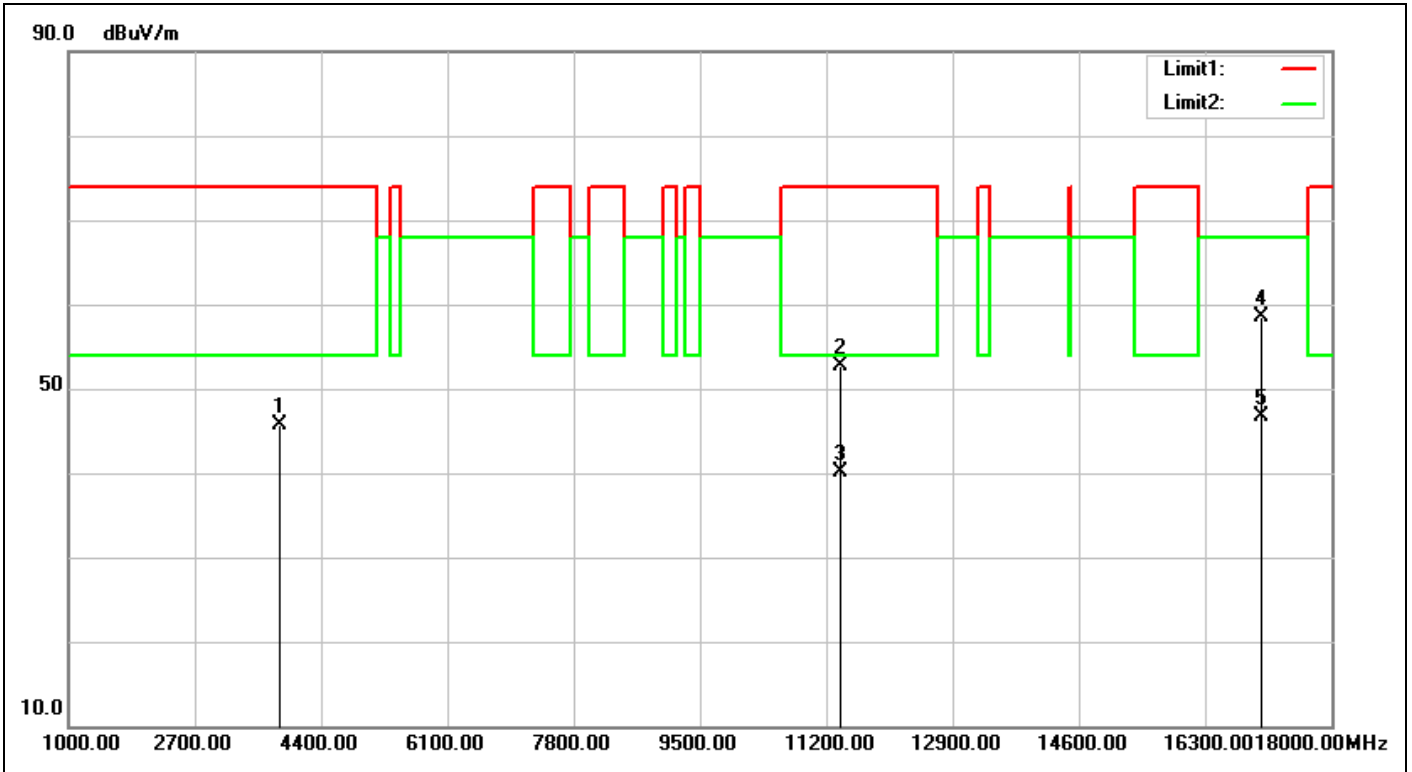
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/20 01:11:37
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5710-TX		
Remark:	Power Setting 1C 1C		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4230.000	-3.22	50.49	47.27	74.00	-26.73	peak	100	93	
2	11420.000	5.23	47.25	52.48	74.00	-21.52	peak			
3	11420.000	5.23	35.53	40.76	54.00	-13.24	AVG			
4	17130.000	15.32	43.35	58.67	68.00	-9.33	peak			
5	17130.000	15.32	31.47	46.79	68.00	-21.21	AVG			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/20 01:16:01
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5690-TX		
Remark:	Power Setting 1D 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4077.000	-3.77	50.48	46.71	74.00	-27.29	peak	100	332	
2	11380.000	5.19	47.17	52.36	74.00	-21.64	peak			
3	11380.000	5.19	34.82	40.01	54.00	-13.99	AVG			
4	17070.000	15.42	43.08	58.50	68.00	-9.50	peak			
5	17070.000	15.42	31.19	46.61	68.00	-21.39	AVG			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/20 01:16:54
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5690-TX		
Remark:	Power Setting 1D 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3839.000	-4.38	50.16	45.78	74.00	-28.22	peak	100	59	
2	11380.000	5.19	47.54	52.73	74.00	-21.27	peak			
3	11380.000	5.19	34.93	40.12	54.00	-13.88	AVG			
4	17070.000	15.42	43.12	58.54	68.00	-9.46	peak			
5	17070.000	15.42	31.24	46.66	68.00	-21.34	AVG			

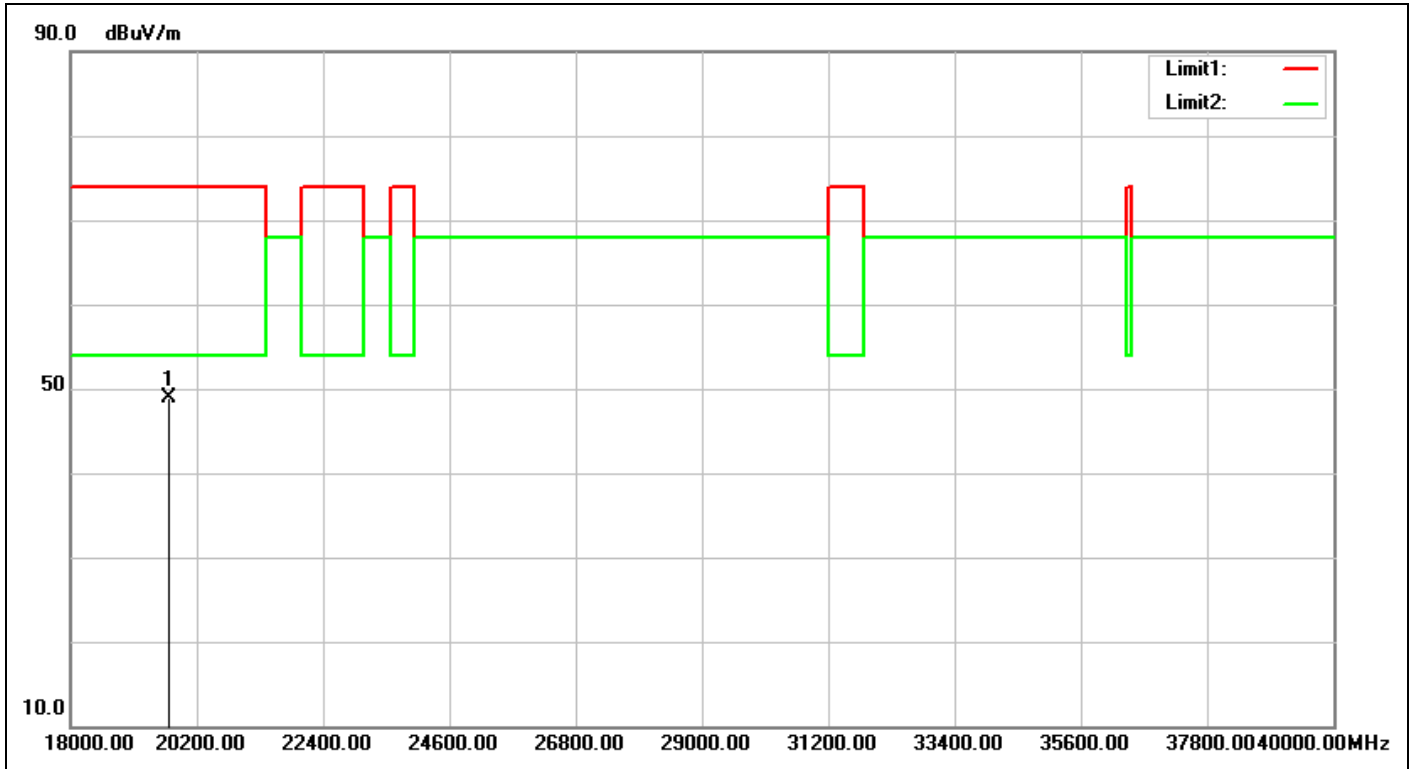
Spurious Emissions, TX Mode, 18-40G, U-NII-1



TUV Rheinland Taiwan Ltd.

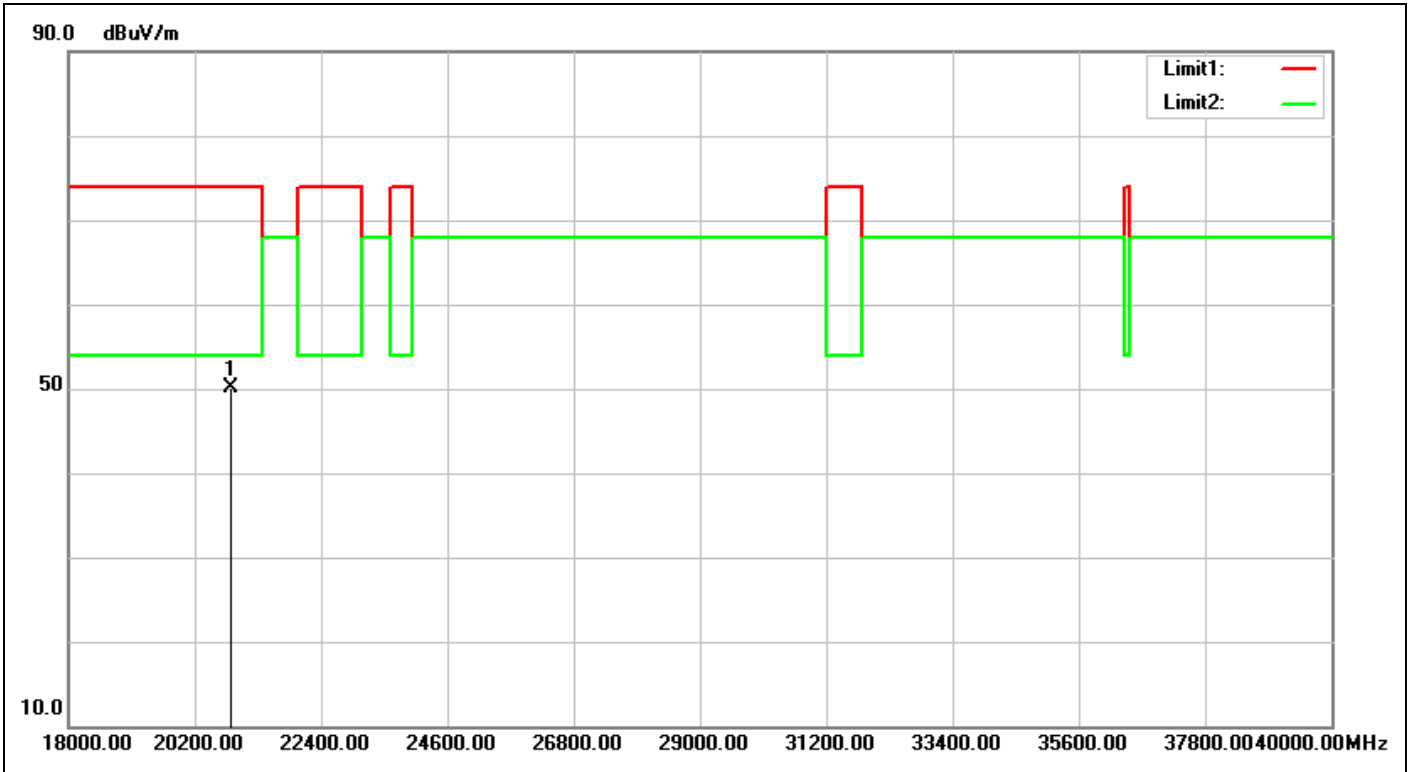
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



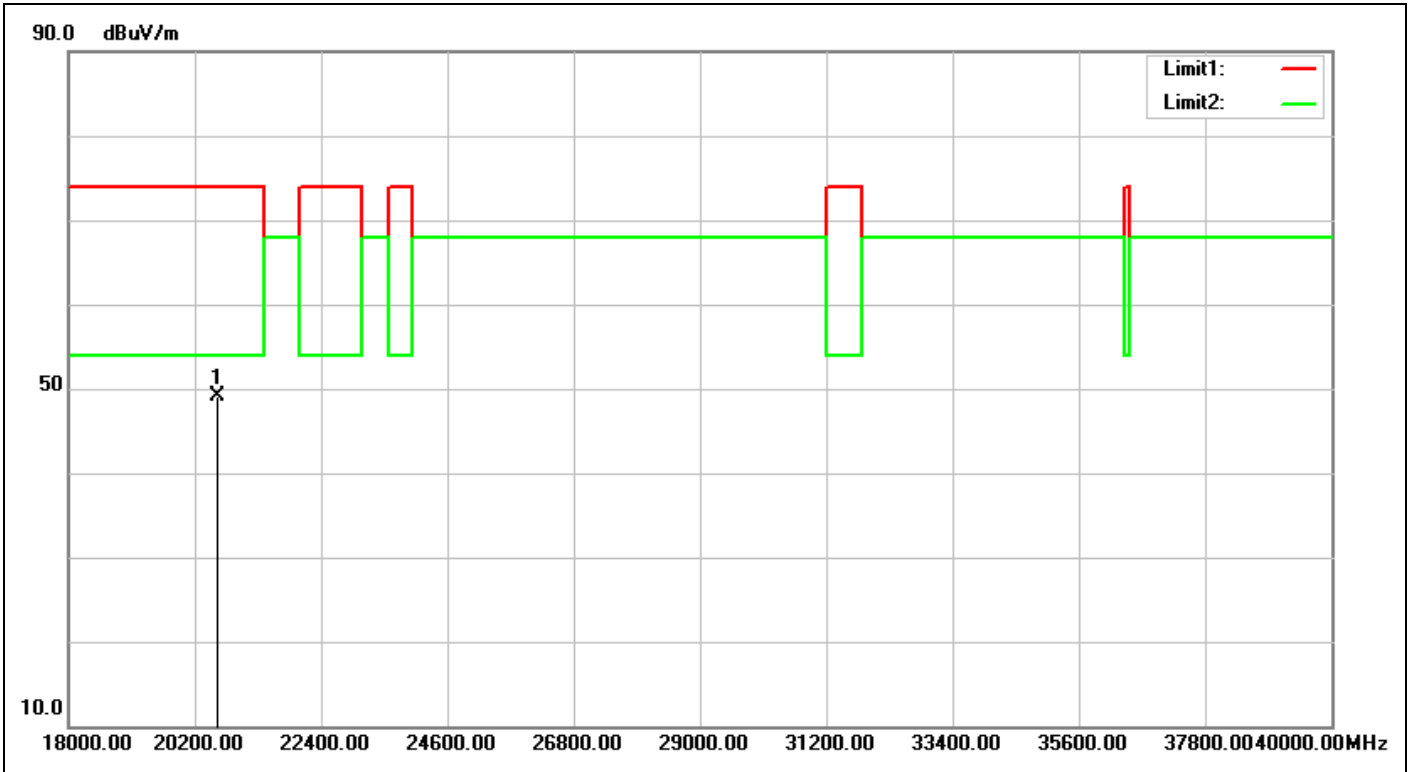
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:27:36
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5180-TX		
Remark:	Power Setting 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19716.000	30.80	18.10	48.90	74.00	-25.10	peak		0	



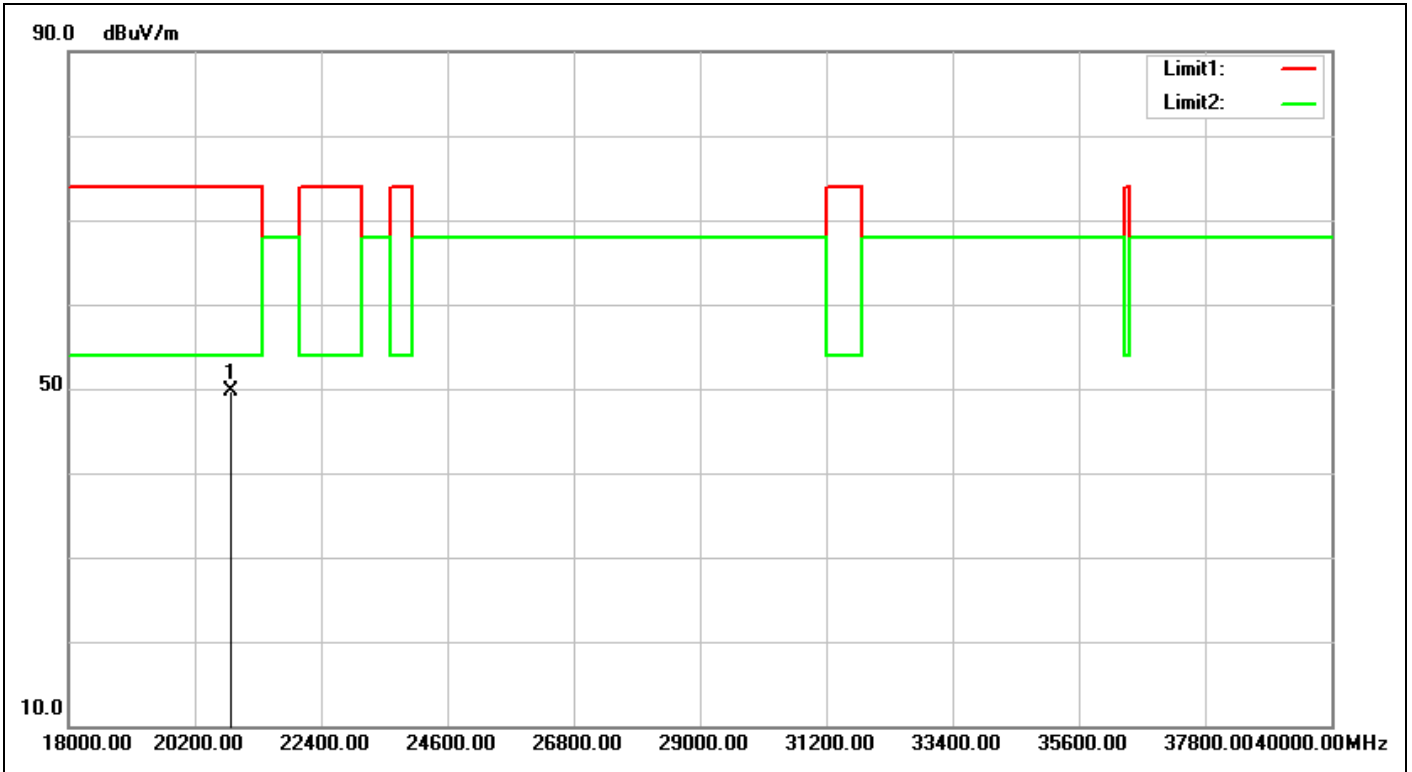
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:27:43
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5180-TX		
Remark:	Power Setting 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20838.000	32.11	18.08	50.19	74.00	-23.81	peak			



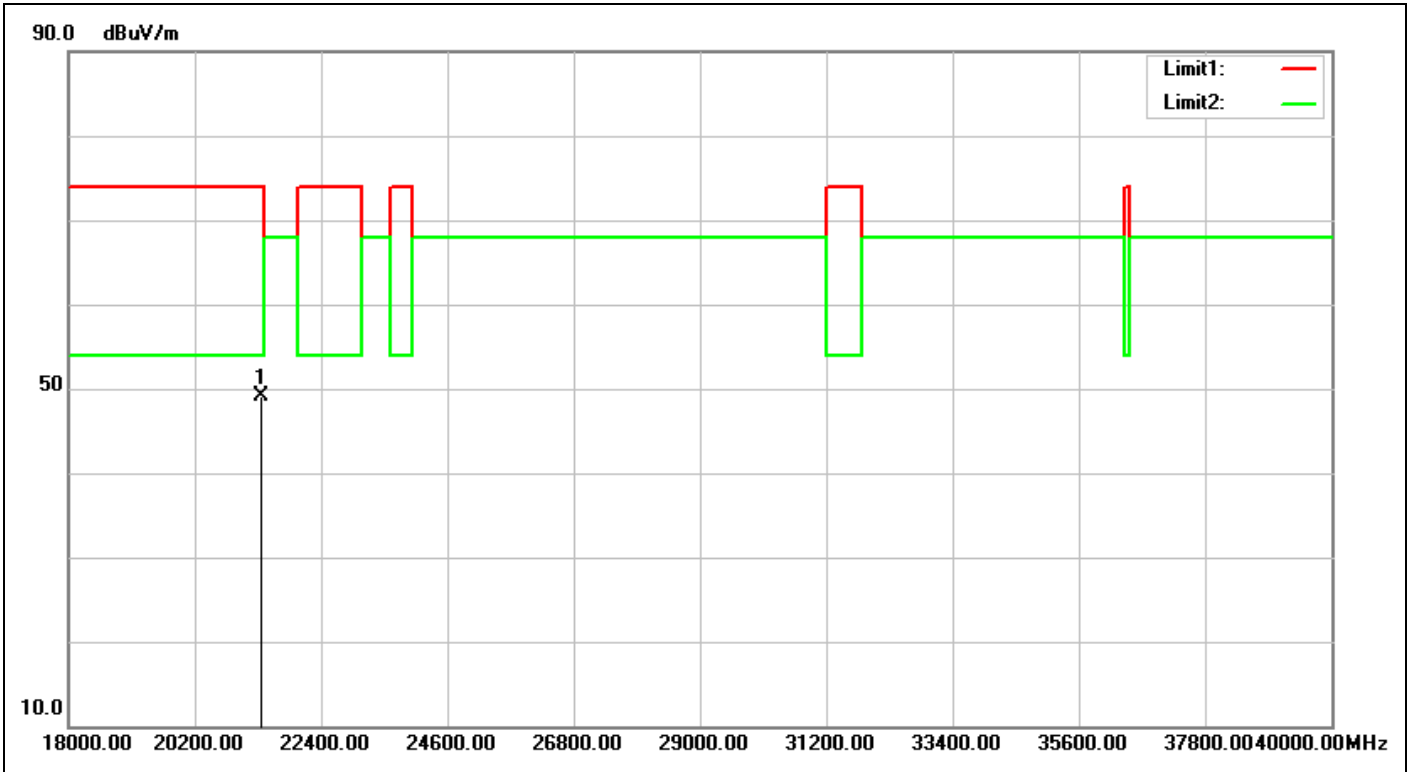
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:30:55
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5200-TX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20596.000	31.60	17.52	49.12	74.00	-24.88	peak			



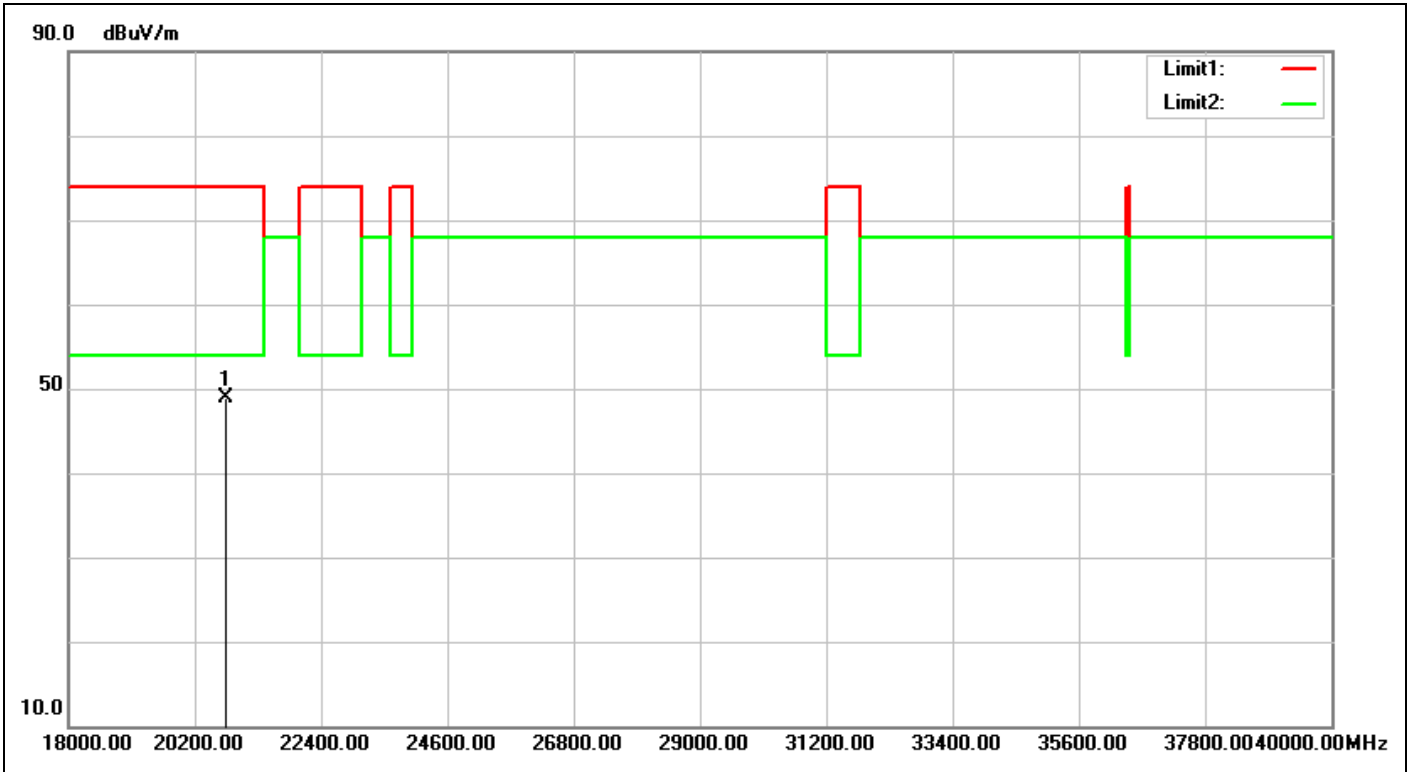
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:31:01
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5200-TX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20816.000	32.06	17.55	49.61	74.00	-24.39	peak			



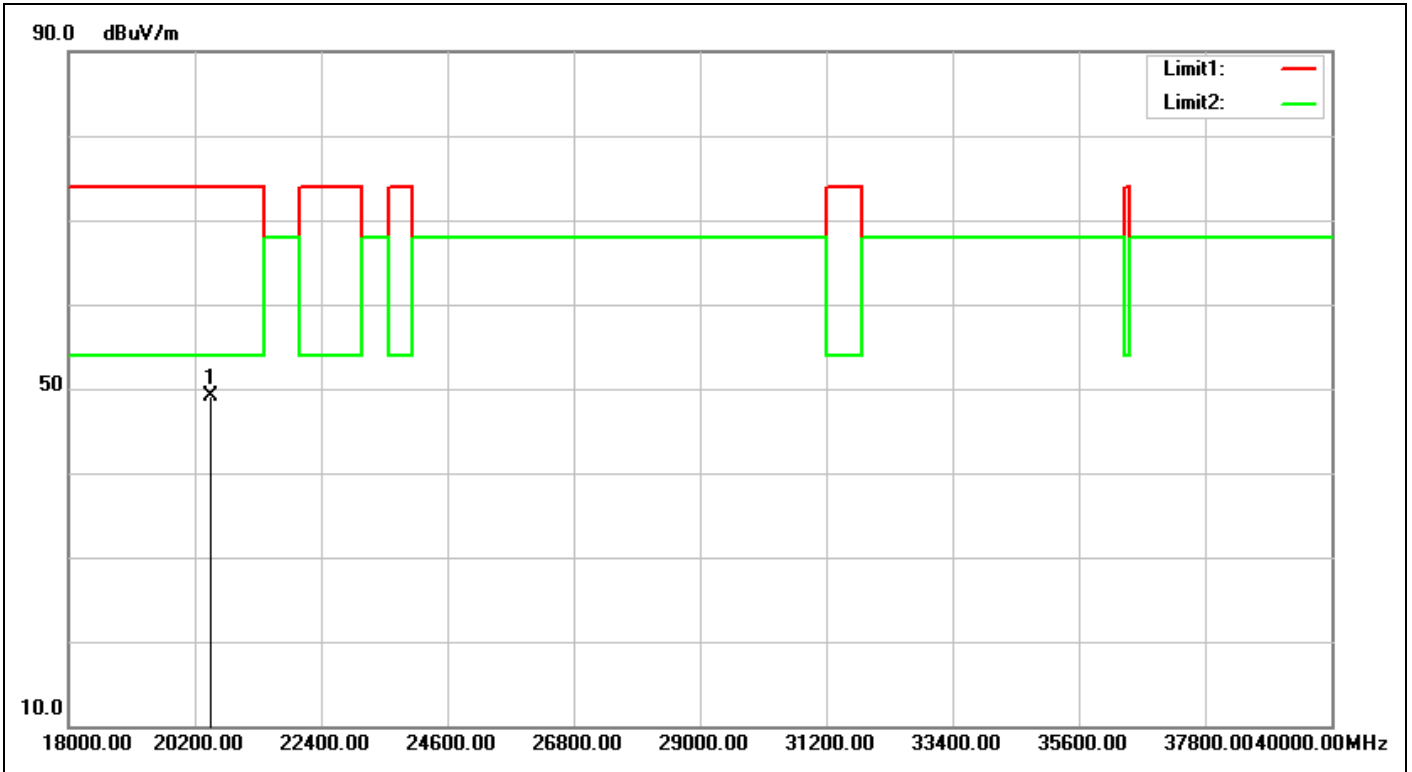
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:31:57
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5240-TX		
Remark:	Power Setting 21		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21366.000	32.77	16.37	49.14	74.00	-24.86	peak			



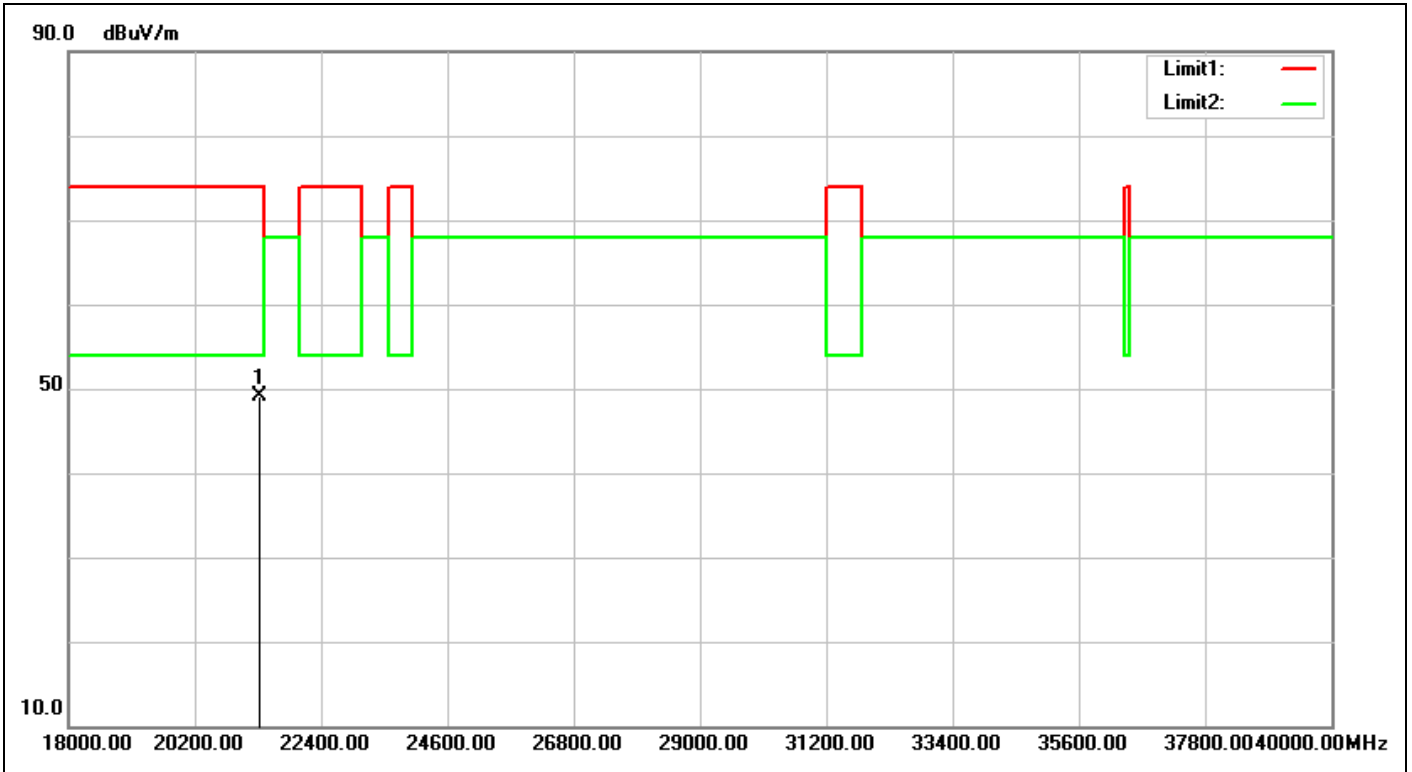
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:32:04
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5240-TX		
Remark:	Power Setting 21		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20728.000	31.88	16.94	48.82	74.00	-25.18	peak			



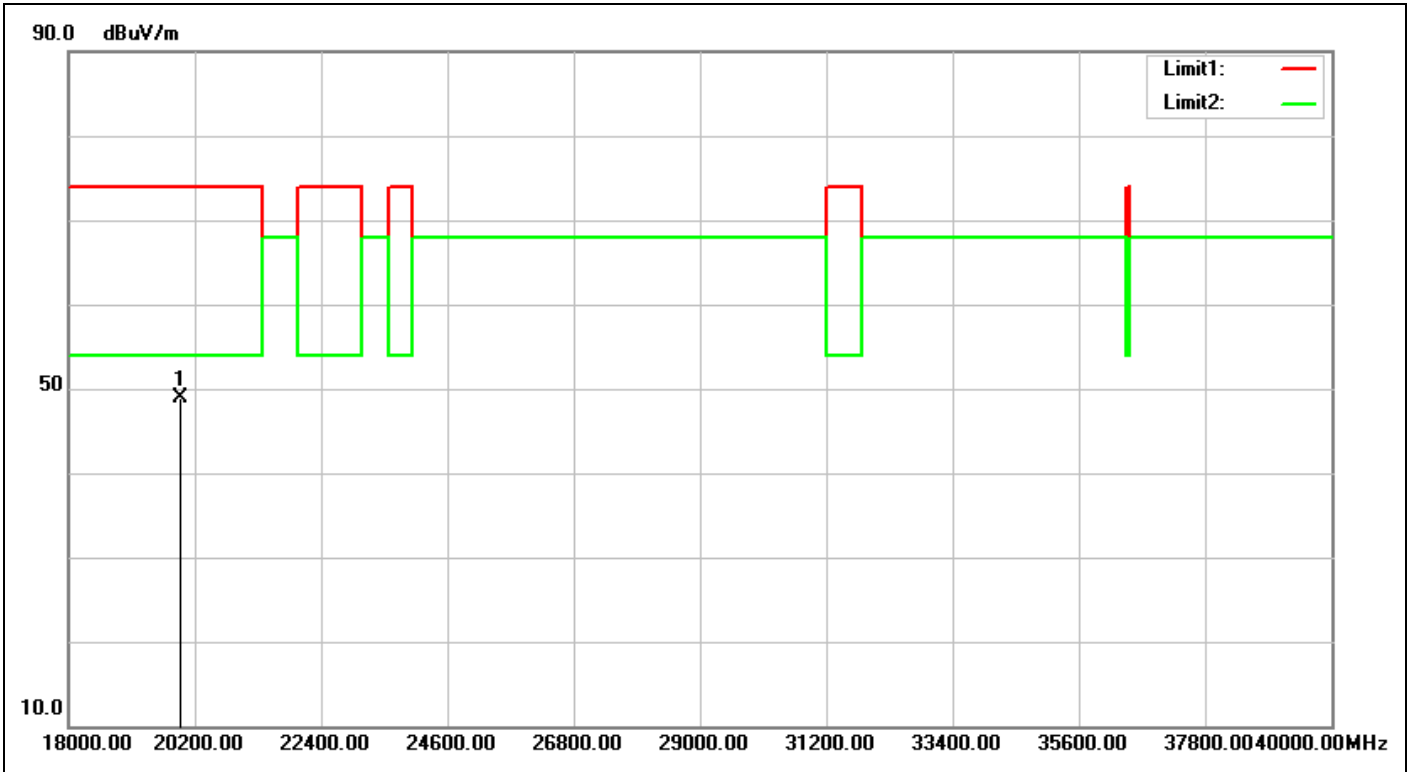
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:33:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5180-TX		
Remark:	Power Setting 1A 1F		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20486.000	31.39	17.76	49.15	74.00	-24.85	peak			



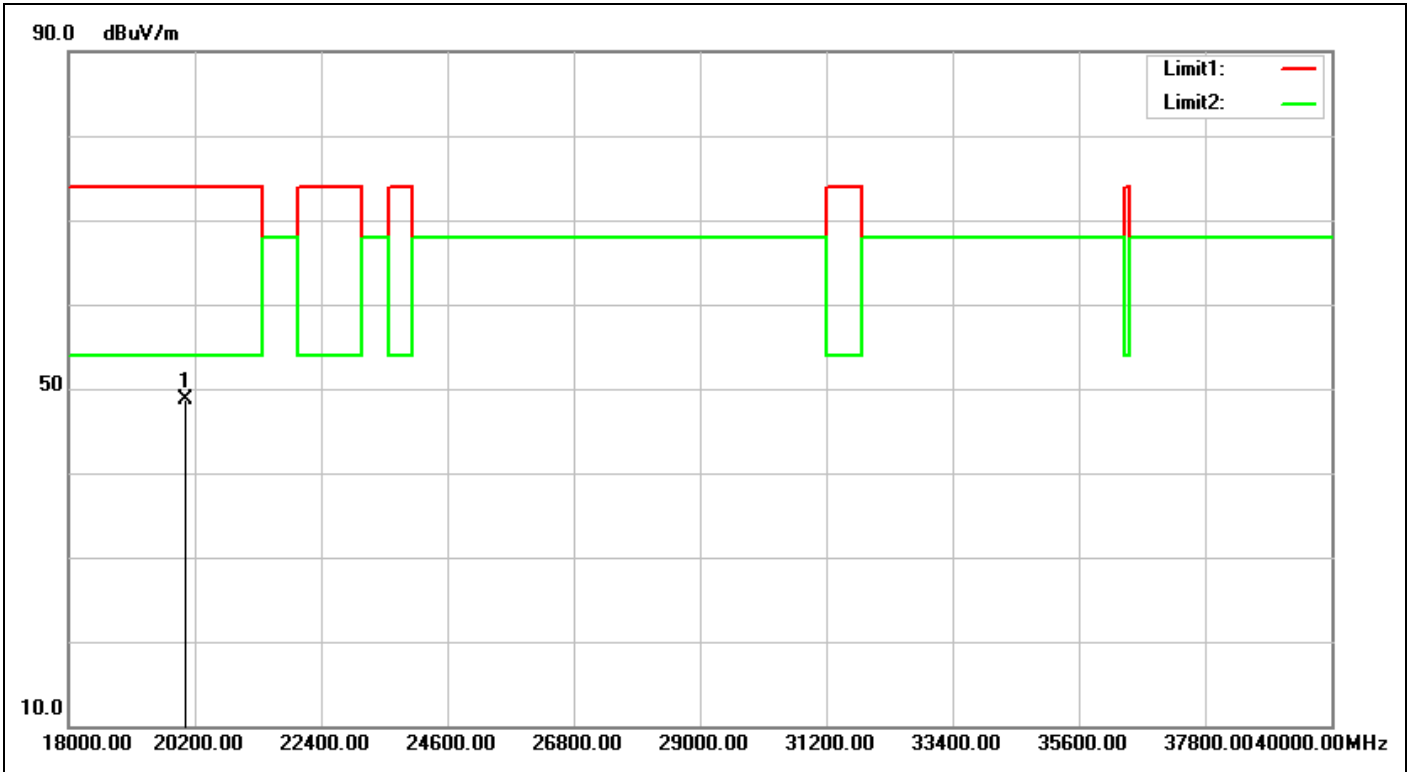
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:33:25
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5180-TX		
Remark:	Power Setting 1A 1F		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21322.000	32.73	16.30	49.03	74.00	-24.97	peak			



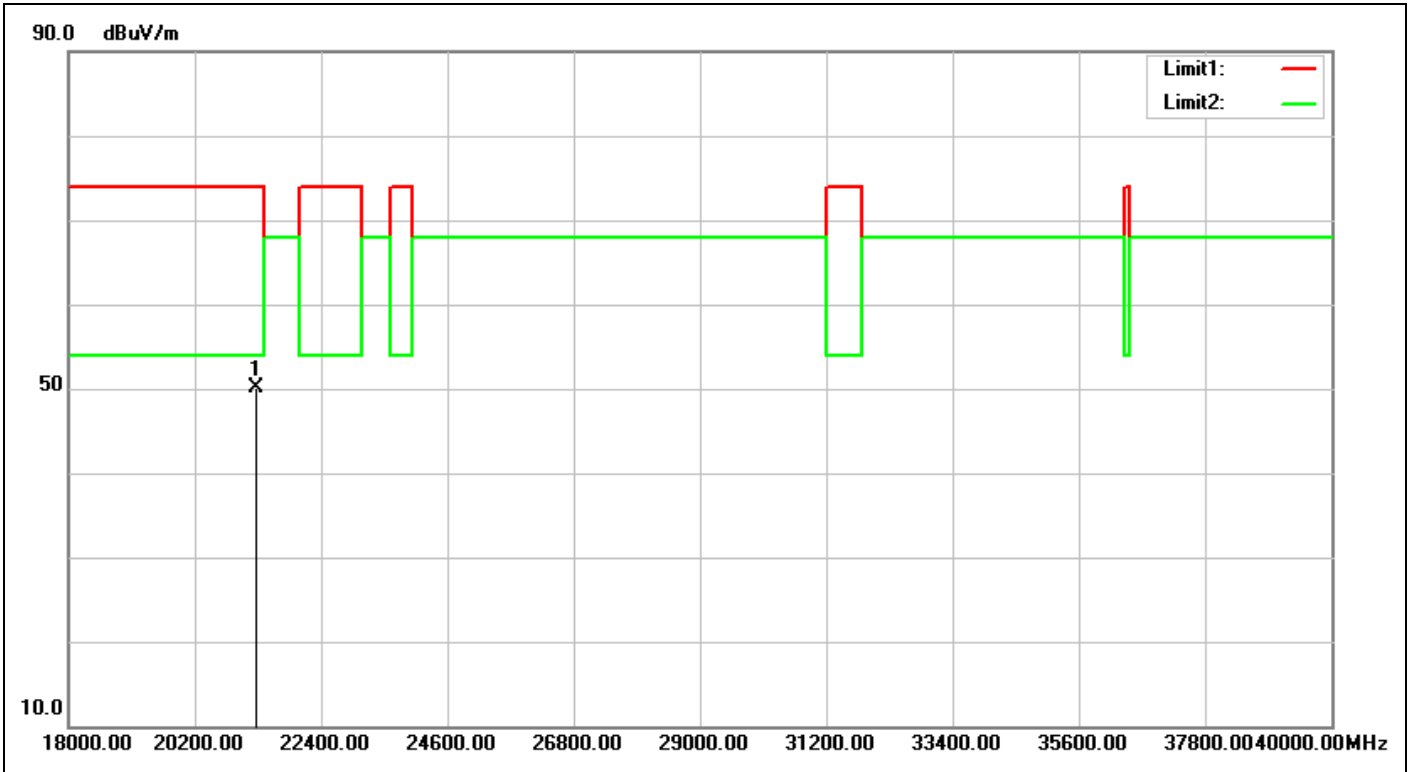
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:34:02
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5200-TX		
Remark:	Power Setting 1A 1D		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19936.000	31.12	17.69	48.81	74.00	-25.19	peak			



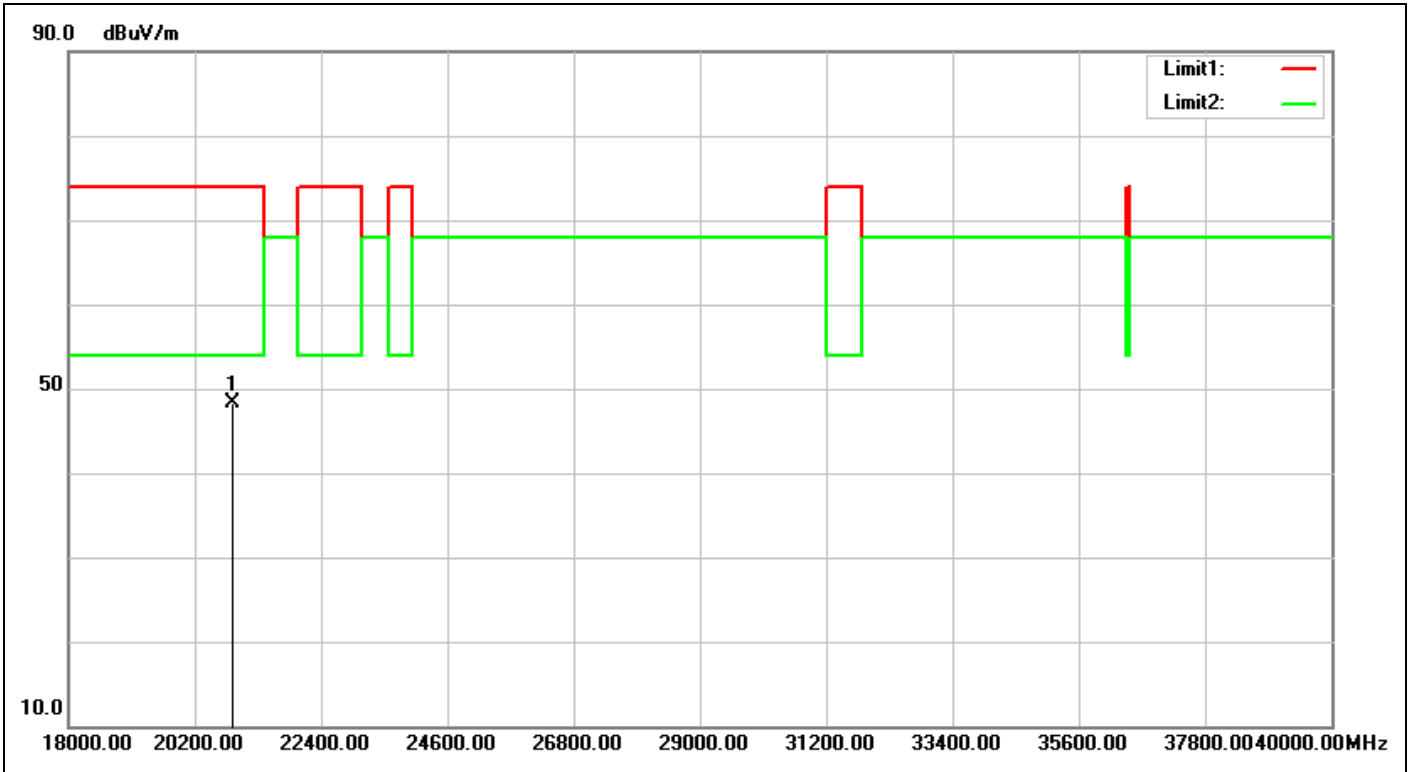
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:34:09
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5200-TX		
Remark:	Power Setting 1A 1D		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20024.000	31.22	17.50	48.72	74.00	-25.28	peak			



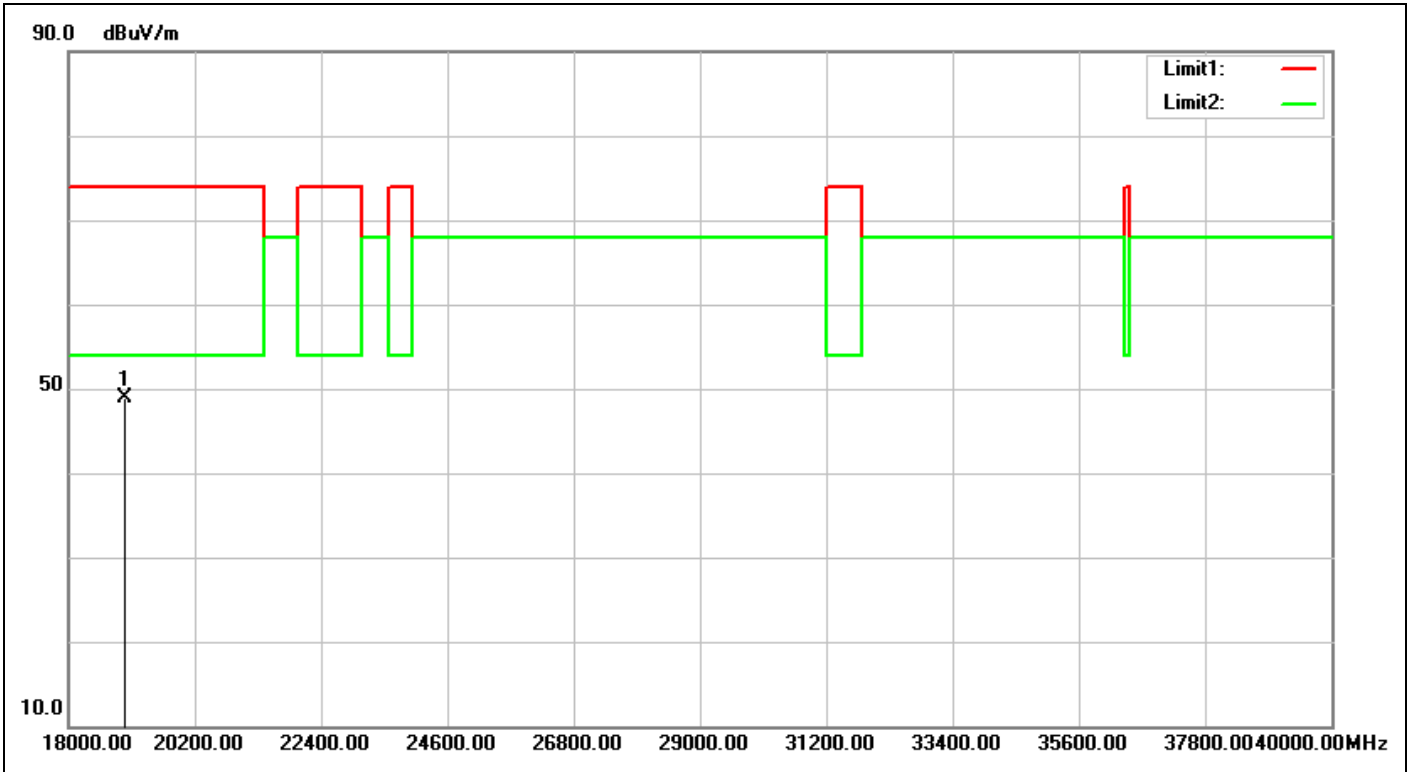
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:34:51
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5240-TX		
Remark:	Power Setting 1A 1B		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21278.000	32.69	17.33	50.02	74.00	-23.98	peak			



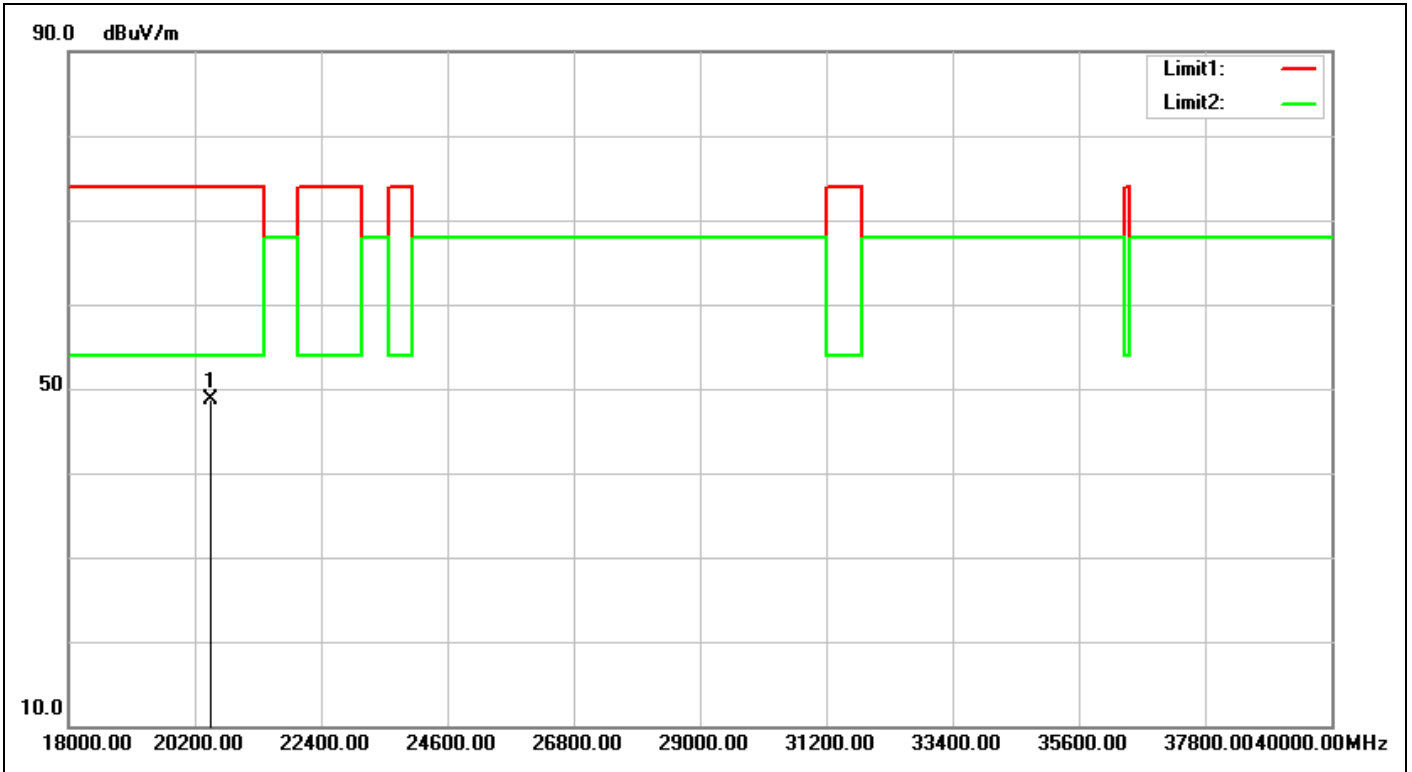
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:34:58
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5240-TX		
Remark:	Power Setting 1A 1B		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20860.000	32.15	16.25	48.40	74.00	-25.60	peak			



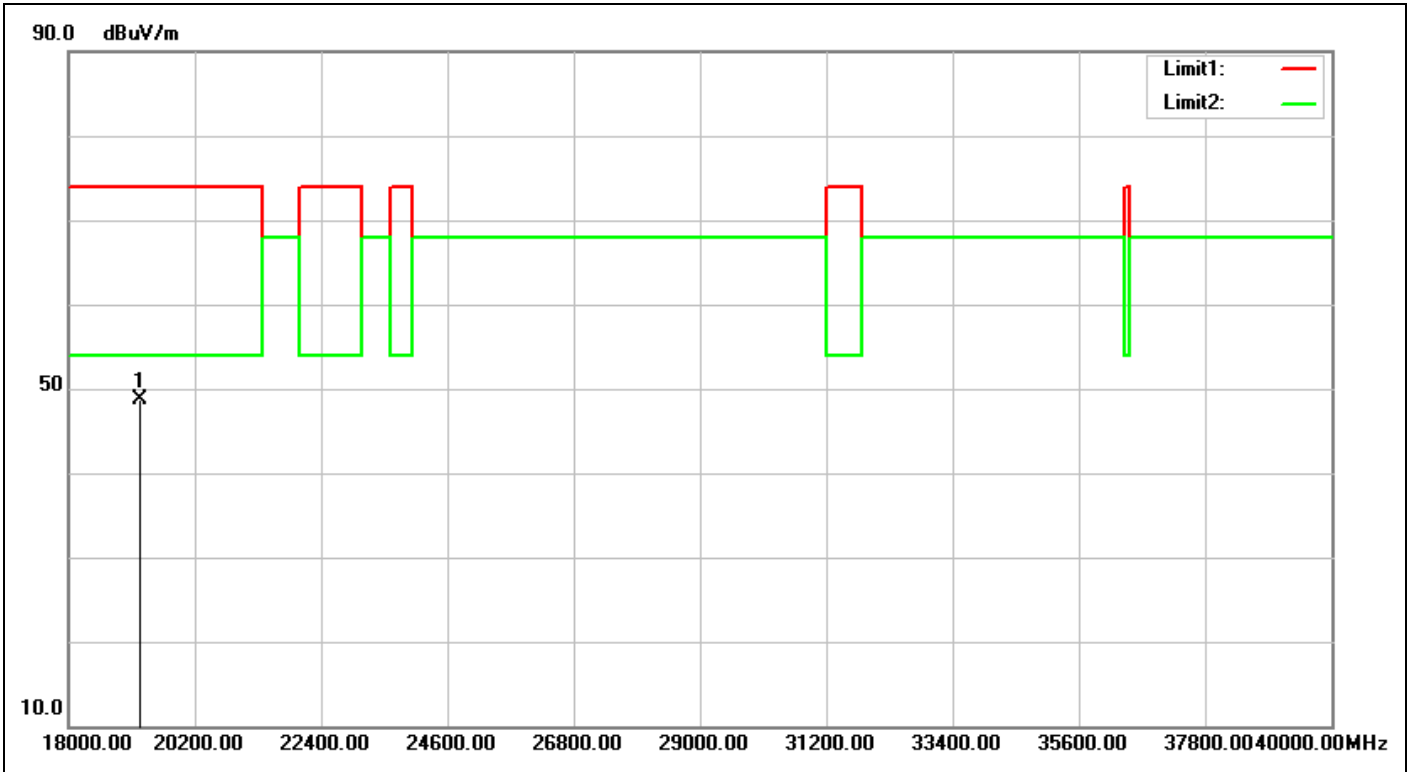
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:35:53
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5190-TX		
Remark:	Power Setting 18 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18990.000	30.10	18.86	48.96	74.00	-25.04	peak			



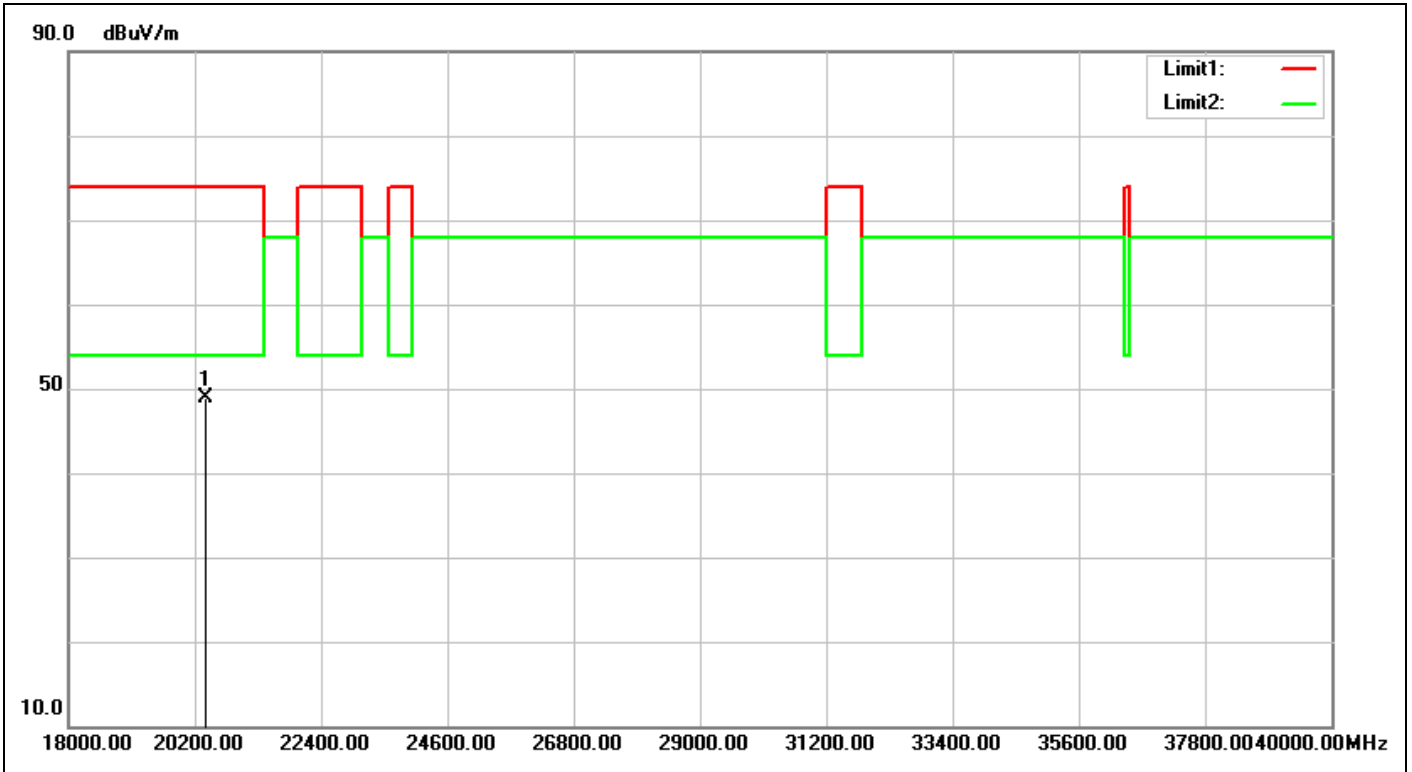
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:35:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5190-TX		
Remark:	Power Setting 18 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20486.000	31.39	17.34	48.73	74.00	-25.27	peak			



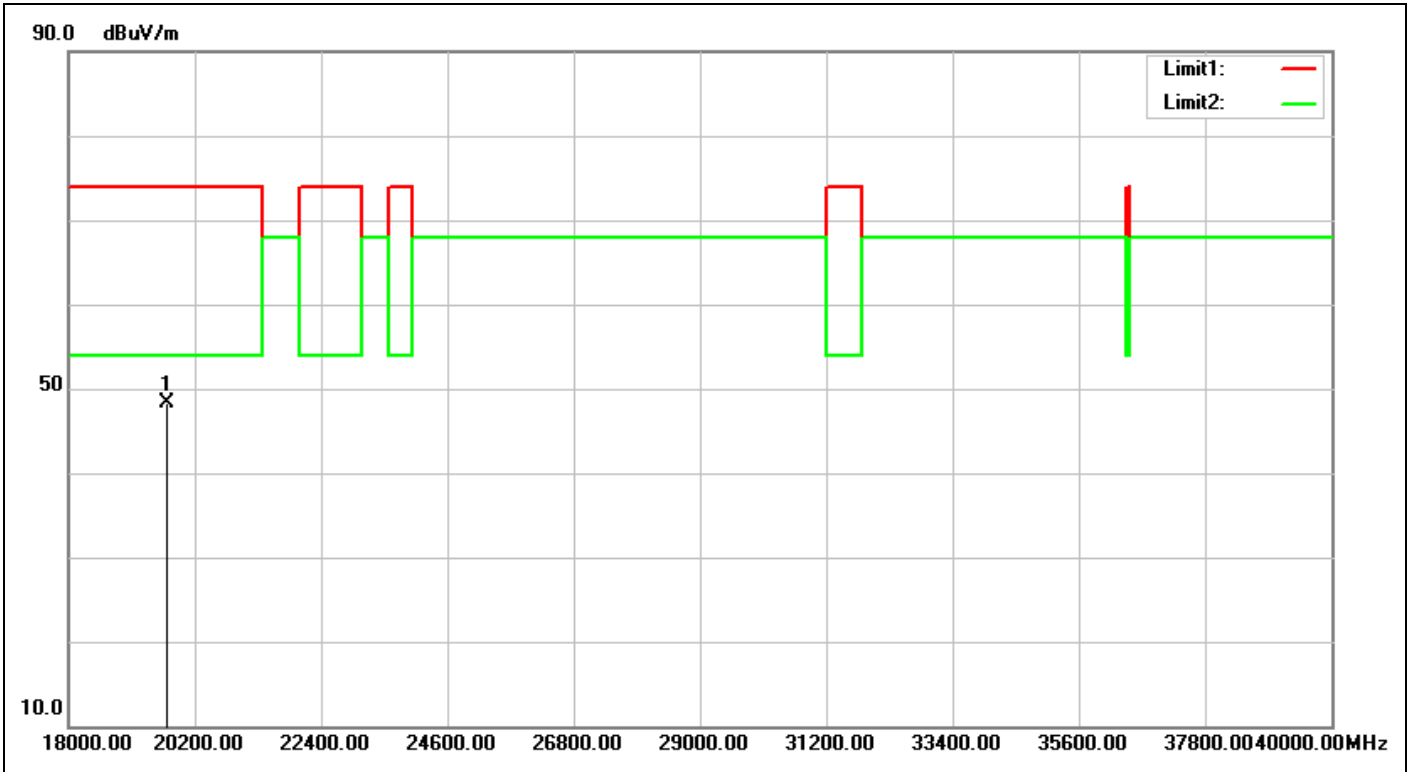
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:36:28
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5230-TX		
Remark:	Power Setting 18 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19232.000	30.29	18.39	48.68	74.00	-25.32	peak			



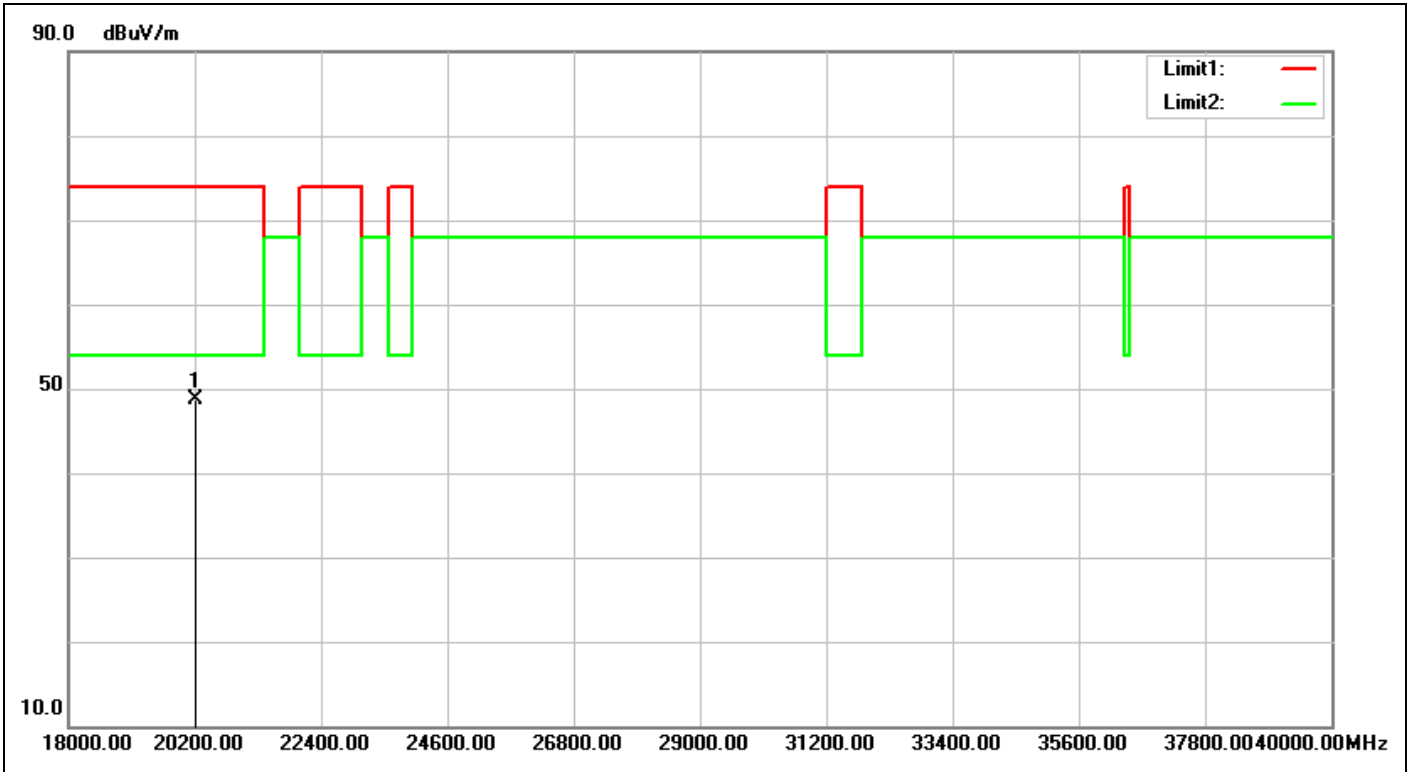
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:36:35
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5230-TX		
Remark:	Power Setting 18 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20398.000	31.36	17.50	48.86	74.00	-25.14	peak			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:37:13
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5210-TX		
Remark:	Power Setting 18 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19716.000	30.80	17.60	48.40	74.00	-25.60	peak			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:37:20
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5210-TX		
Remark:	Power Setting 18 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20200.000	31.29	17.32	48.61	74.00	-25.39	peak			

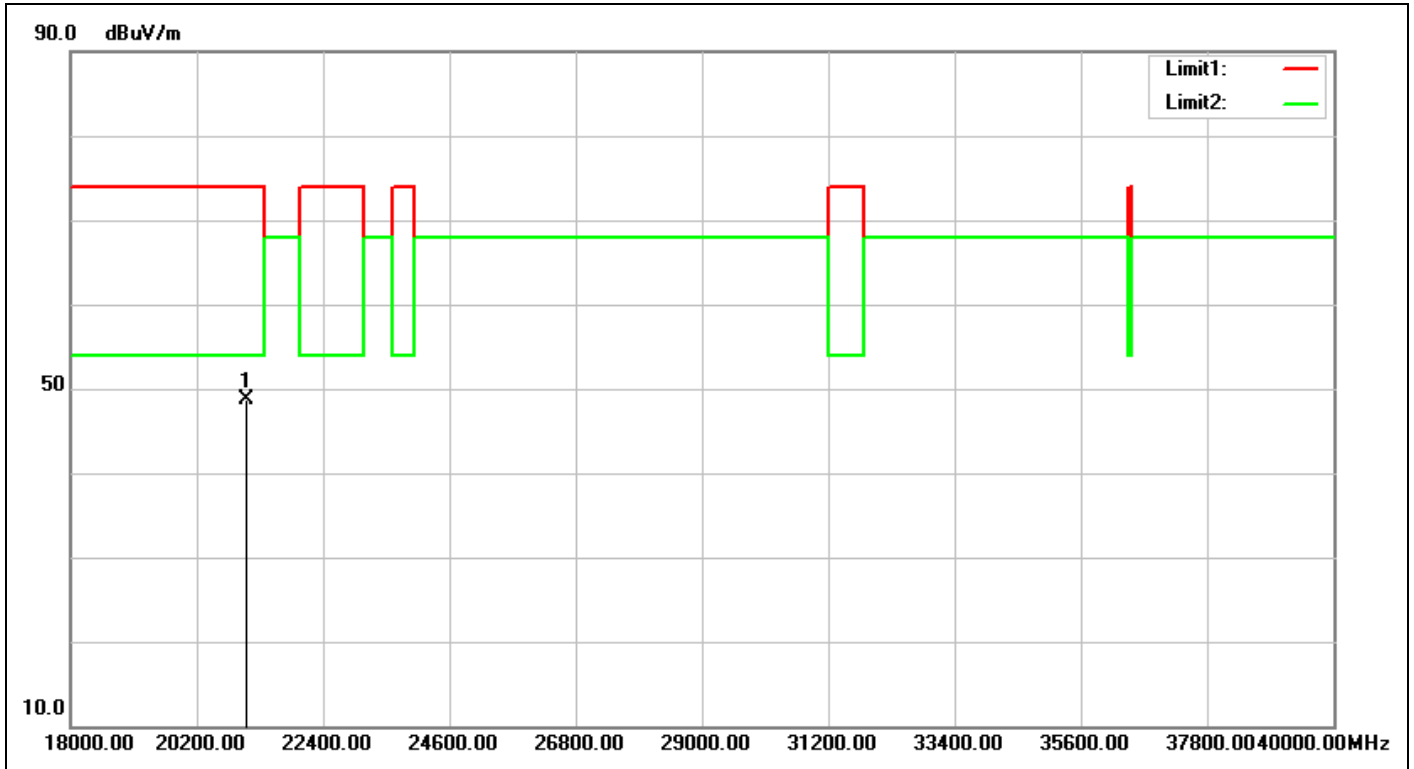
Spurious Emissions, TX Mode, 18-40G, U-NII-2A



TUV Rheinland Taiwan Ltd.

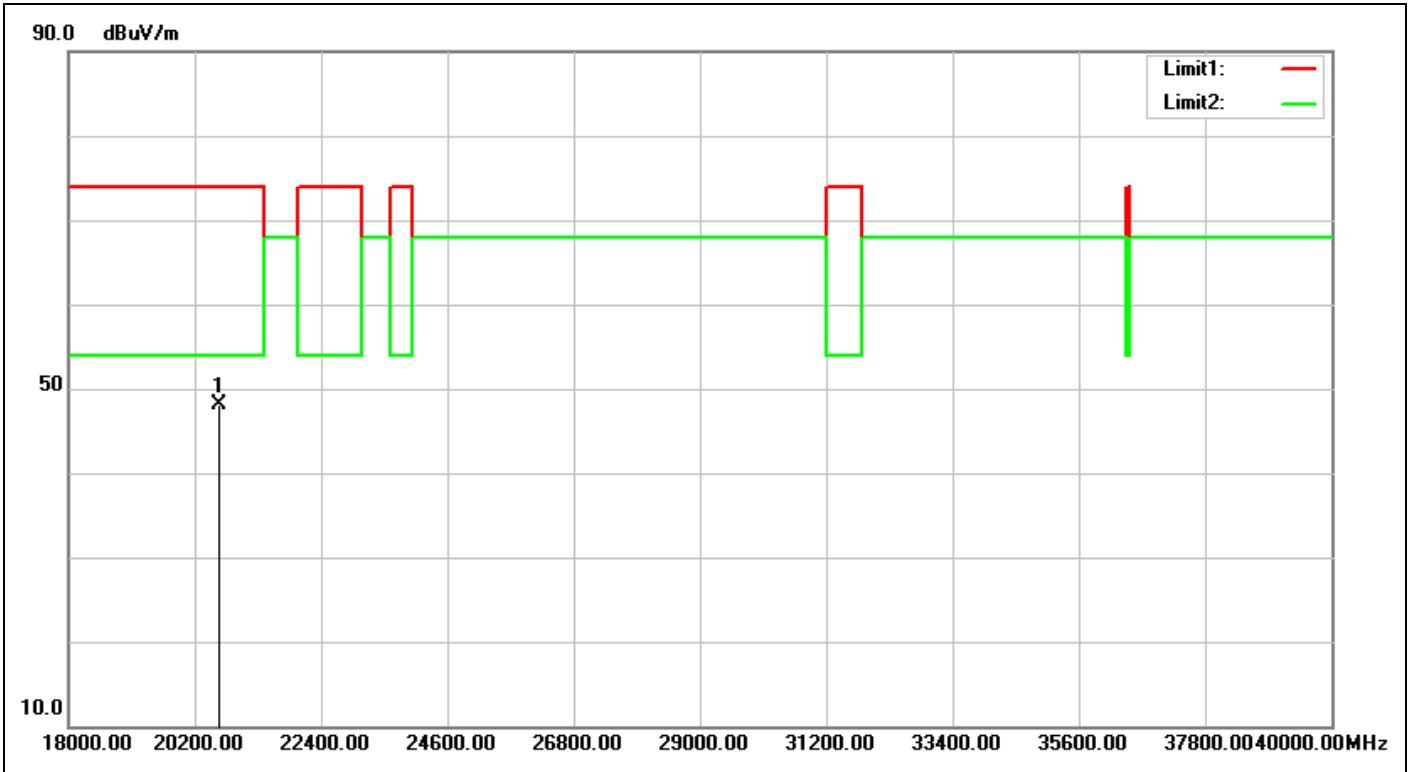
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



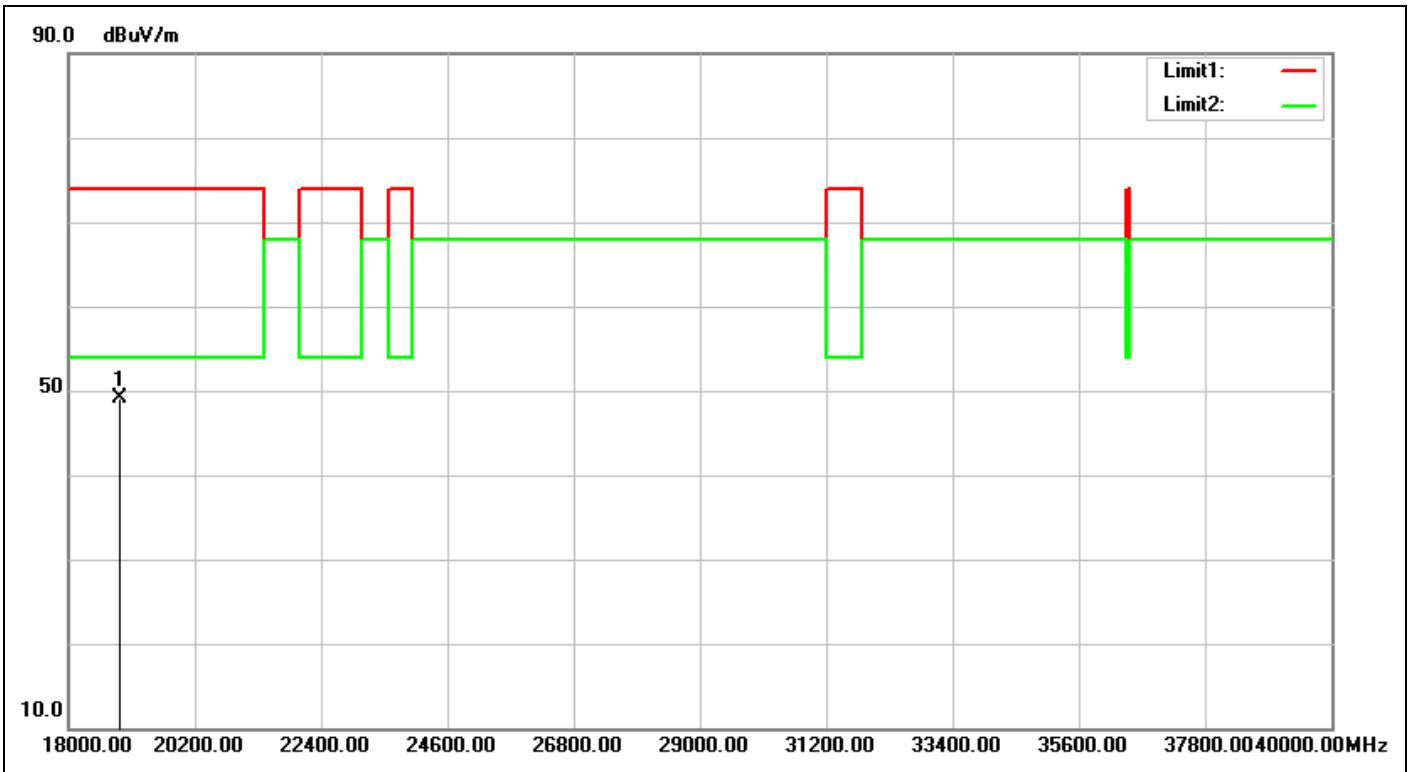
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:43:53
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5280-TX		
Remark:	Power Setting 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21058.000	32.49	16.30	48.79	74.00	-25.21	peak		0	



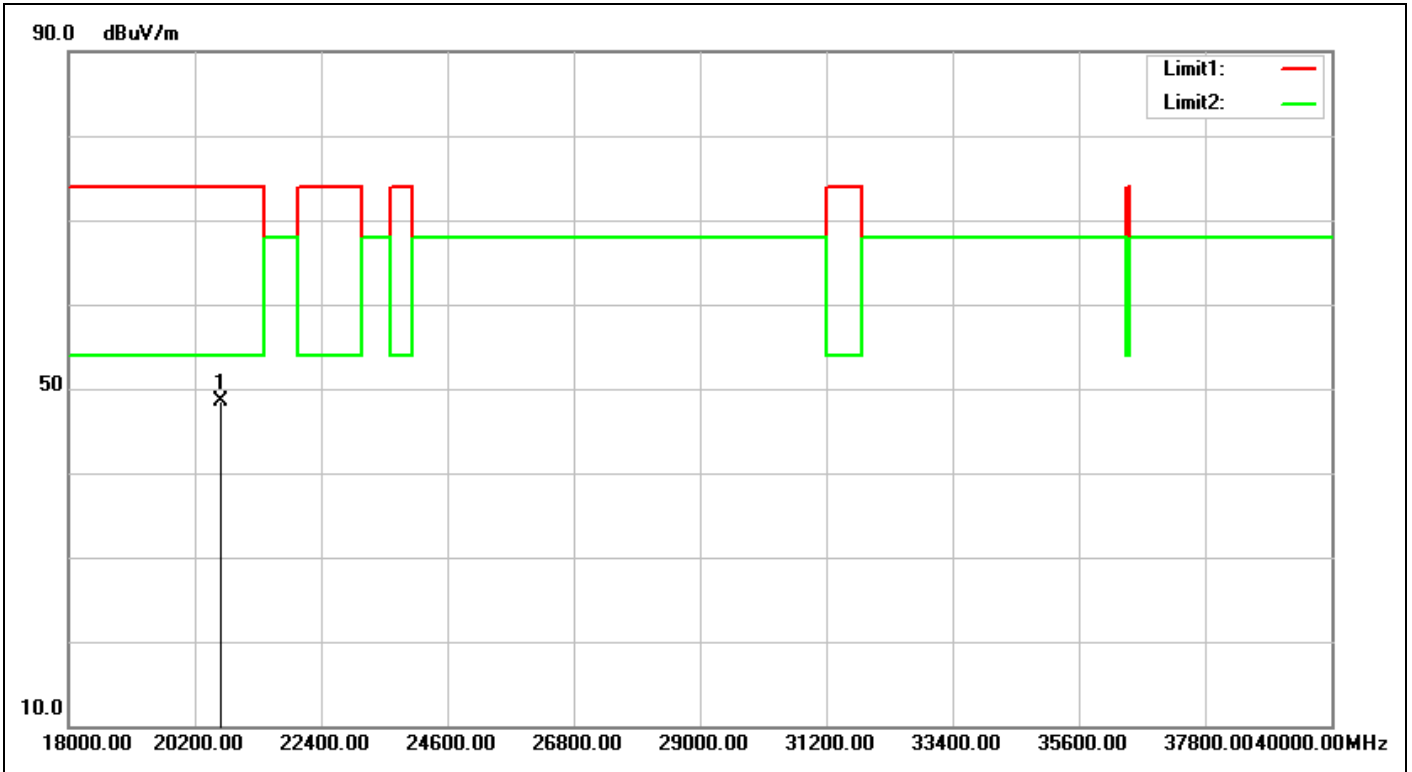
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:43:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5280-TX		
Remark:	Power Setting 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20618.000	31.65	16.45	48.10	74.00	-25.90	peak			



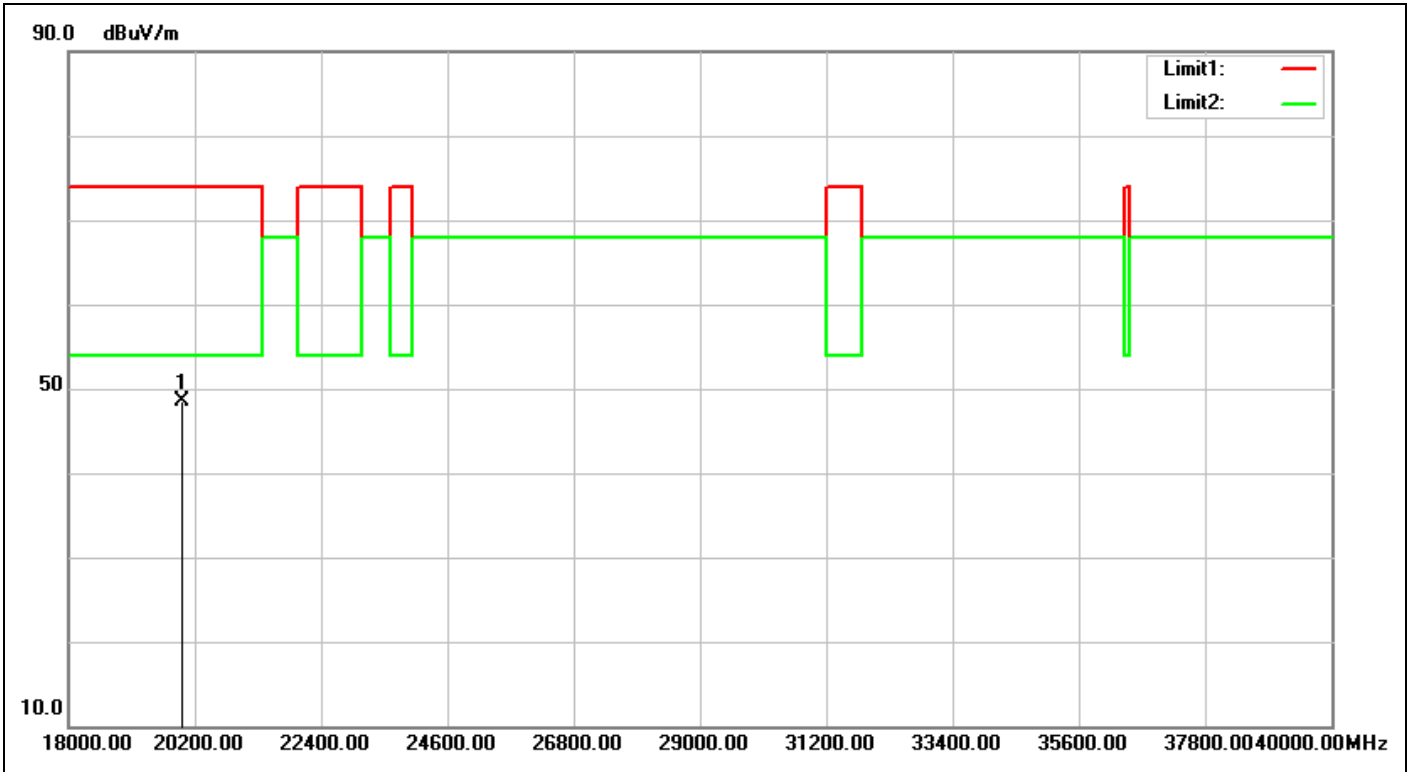
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:44:32
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5300-TX		
Remark:	Power Setting 21		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18880.000	29.73	19.44	49.17	74.00	-24.83	peak			



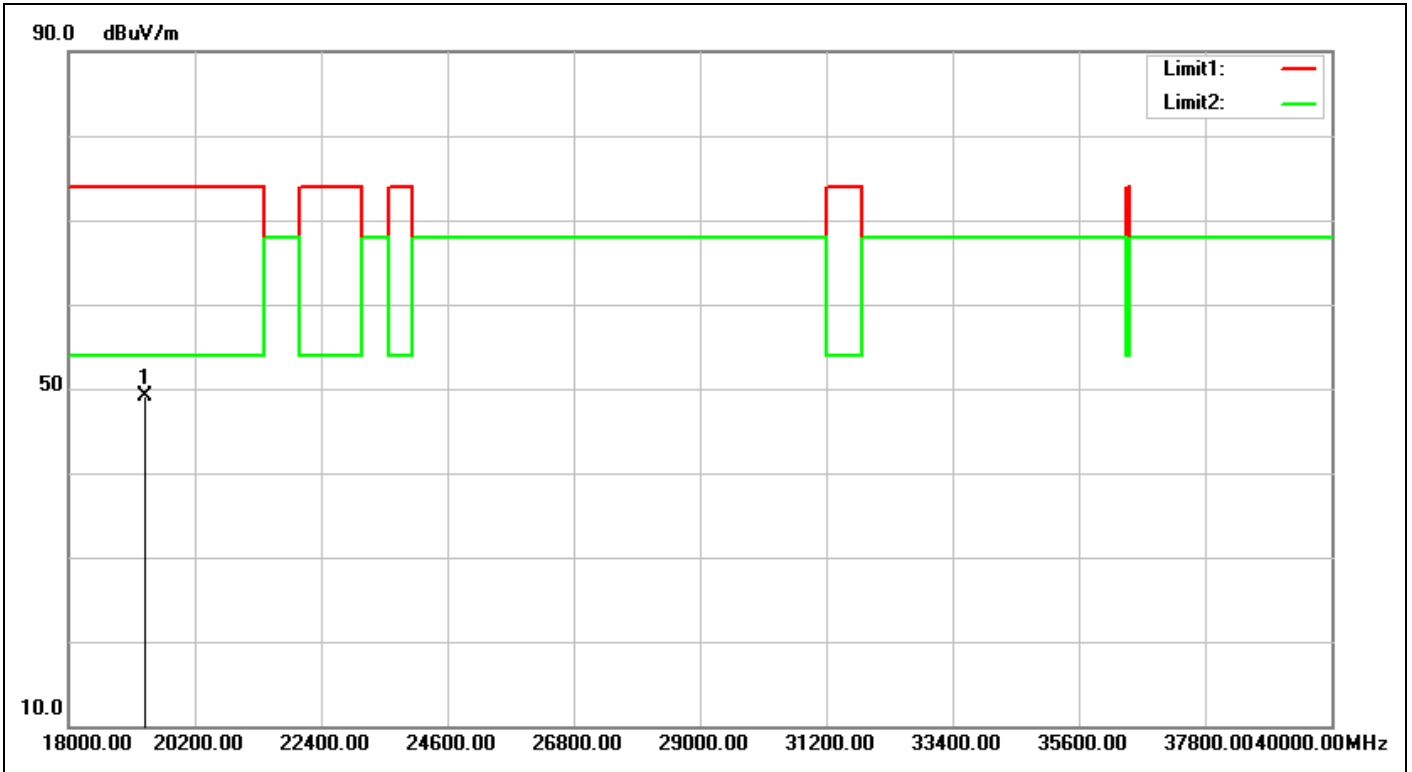
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:44:39
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5300-TX		
Remark:	Power Setting 21		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20640.000	31.69	16.76	48.45	74.00	-25.55	peak			



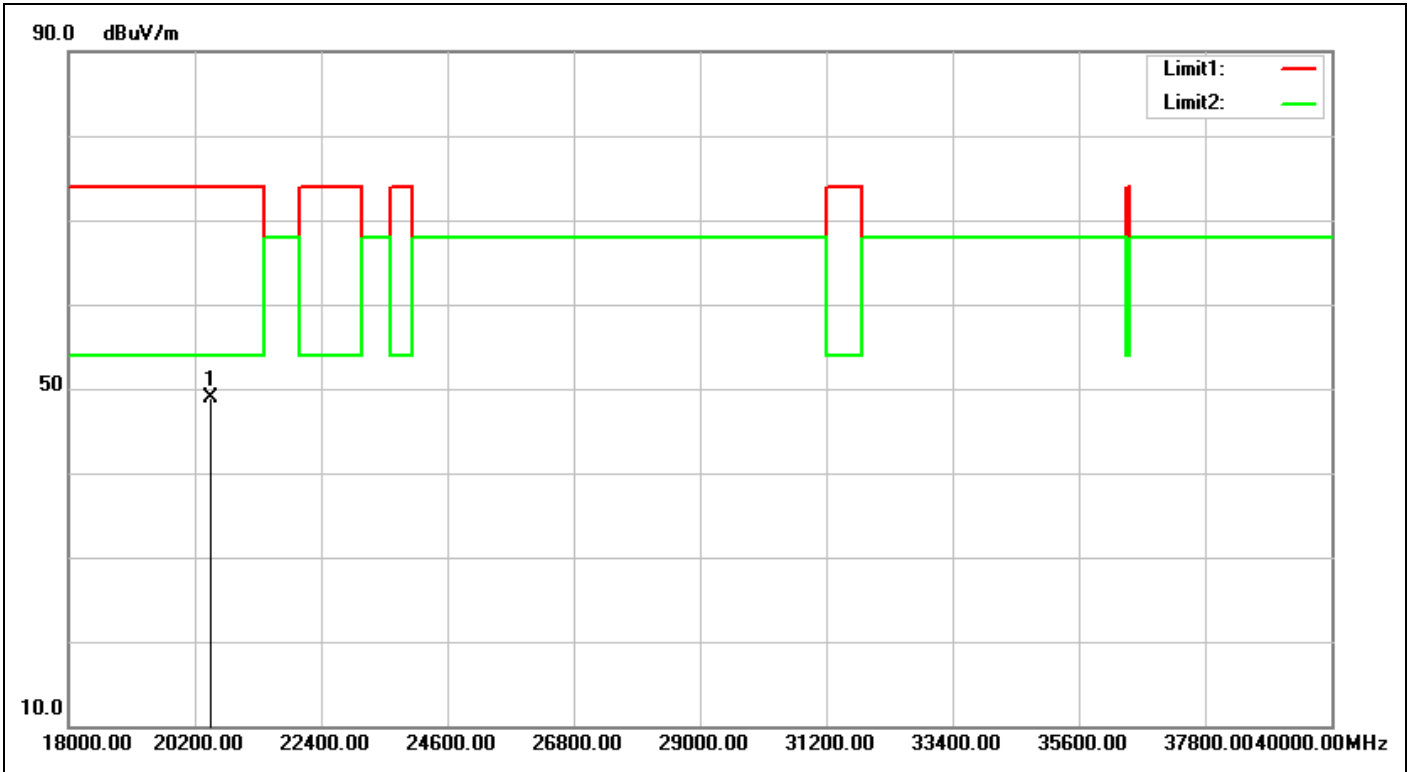
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:45:07
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5320-TX		
Remark:	Power Setting 20		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19980.000	31.18	17.39	48.57	74.00	-25.43	peak			



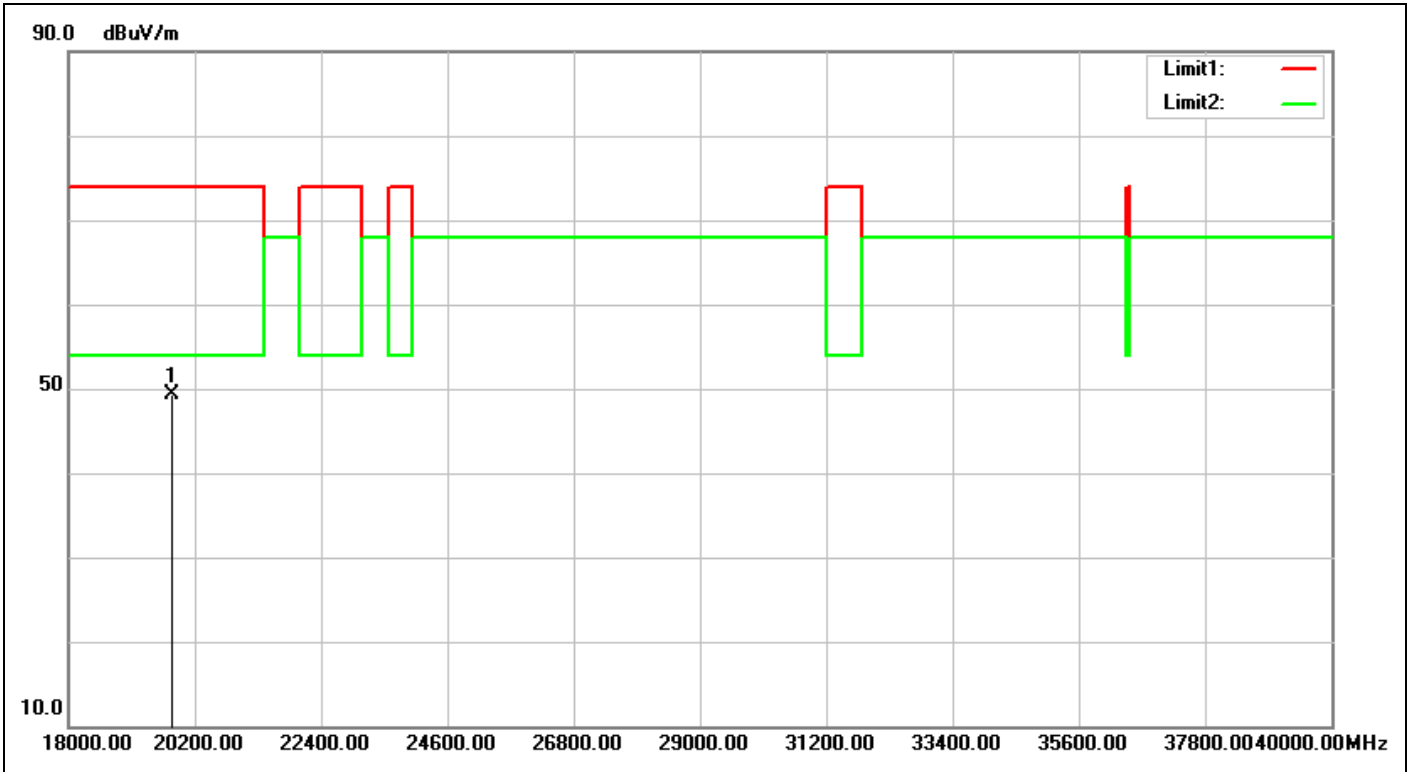
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:45:14
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5320-TX		
Remark:	Power Setting 20		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19342.000	30.37	18.74	49.11	74.00	-24.89	peak			



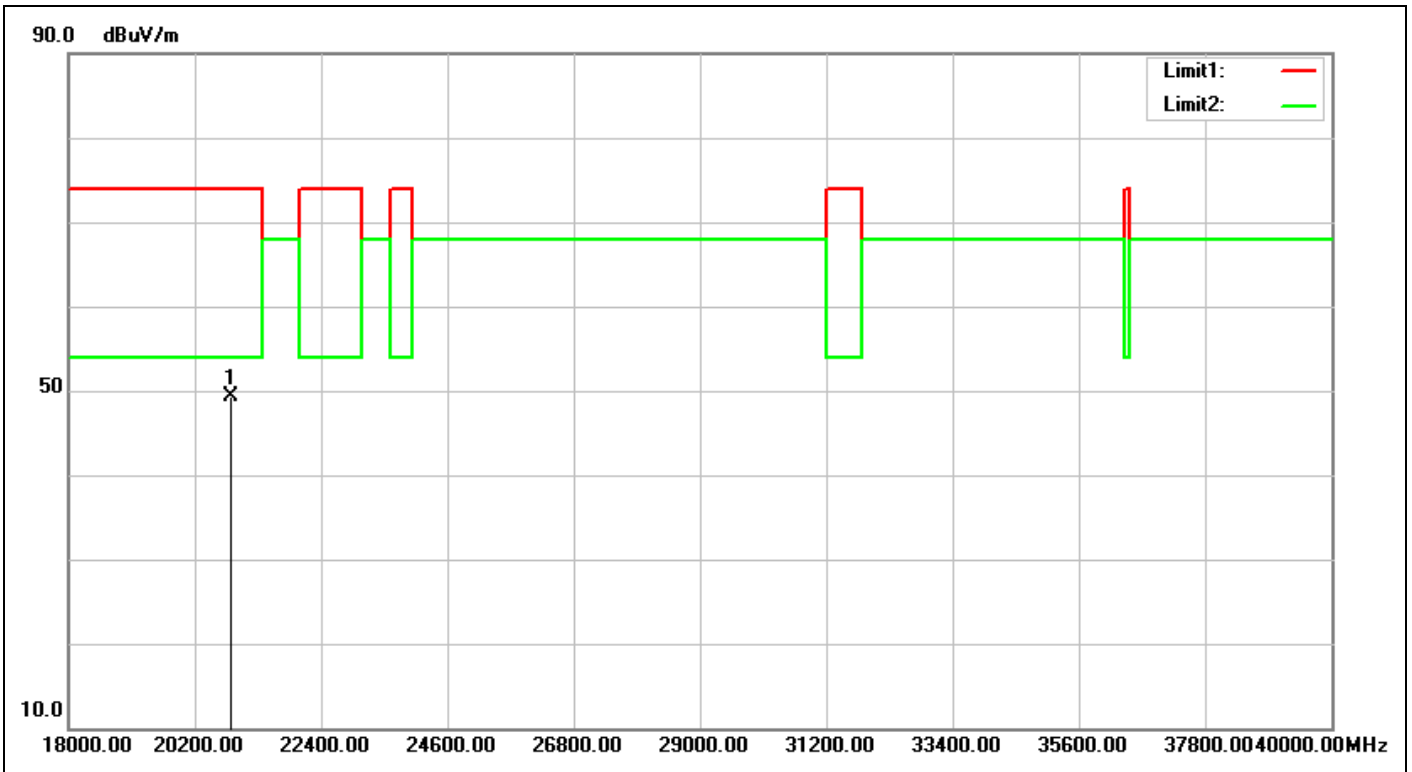
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:45:52
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5280-TX		
Remark:	Power Setting 19 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20464.000	31.38	17.53	48.91	74.00	-25.09	peak			



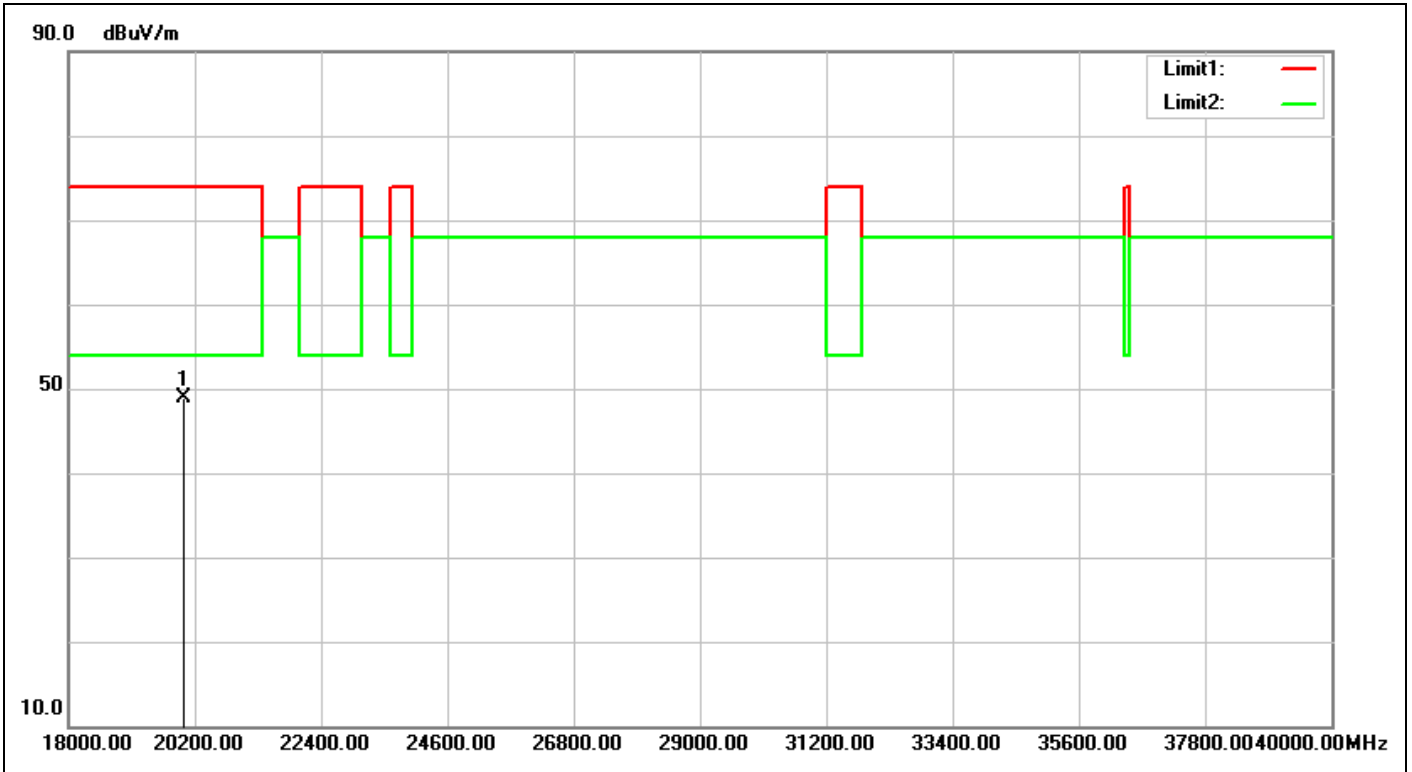
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:45:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5280-TX		
Remark:	Power Setting 19 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19804.000	30.91	18.46	49.37	74.00	-24.63	peak			



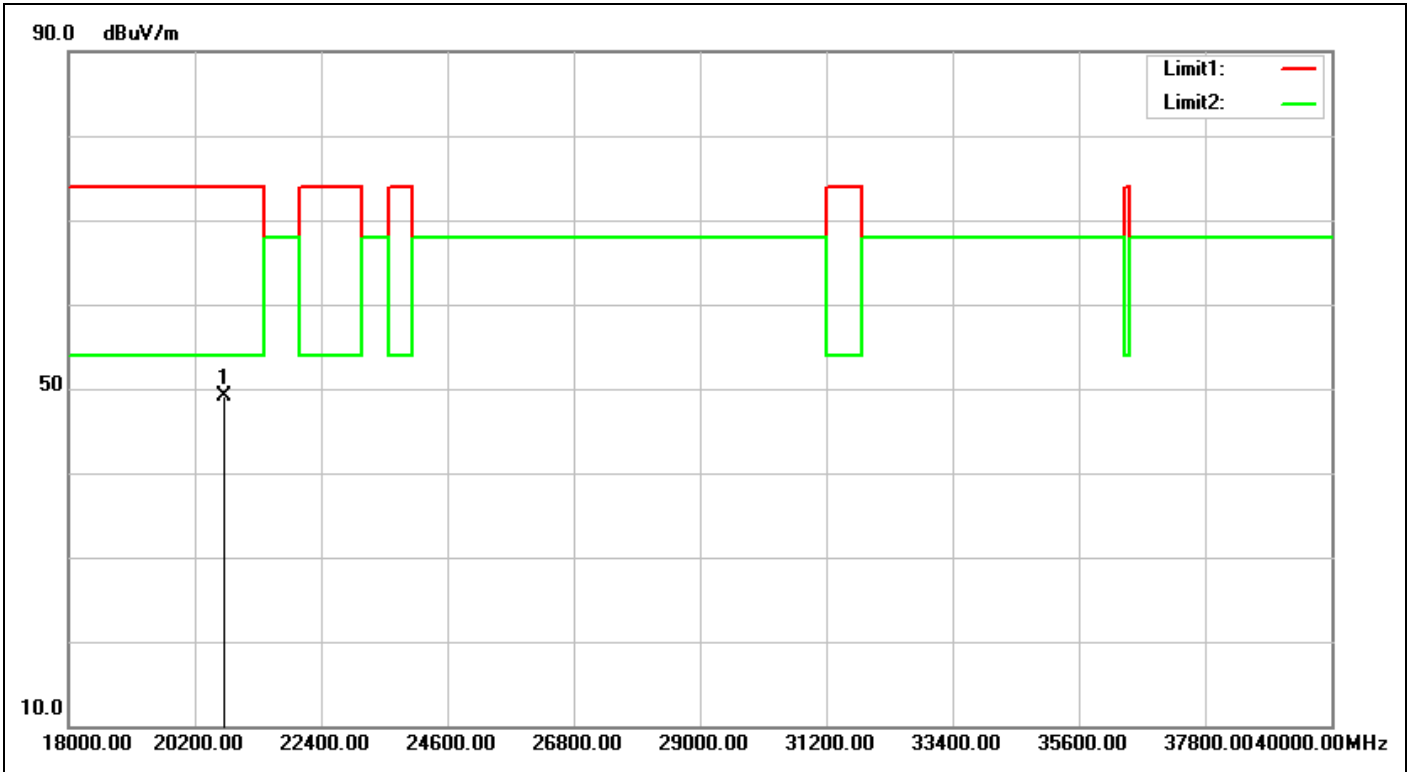
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:46:29
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5300-TX		
Remark:	Power Setting 1A 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20816.000	32.06	17.23	49.29	74.00	-24.71	peak			



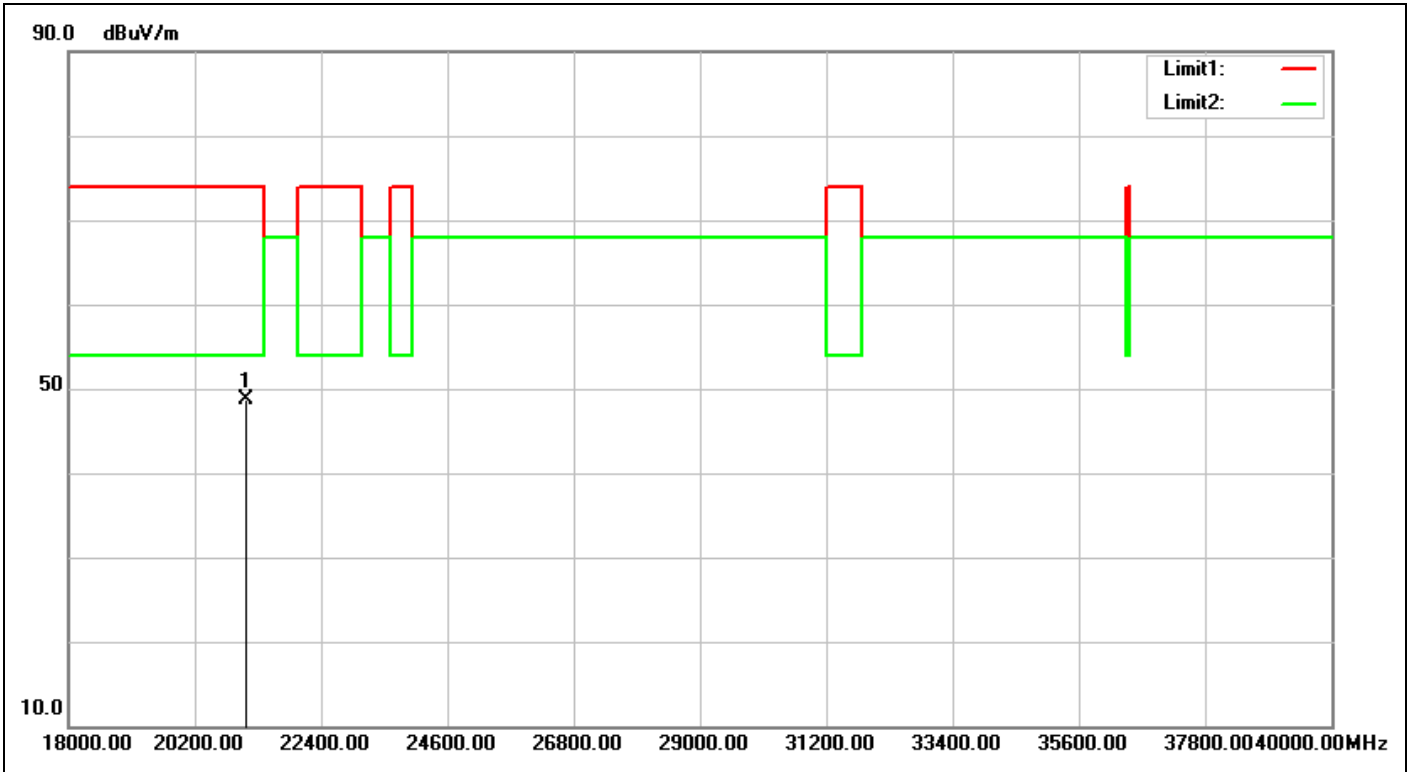
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:46:36
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5300-TX		
Remark:	Power Setting 1A 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20002.000	31.21	17.73	48.94	74.00	-25.06	peak			



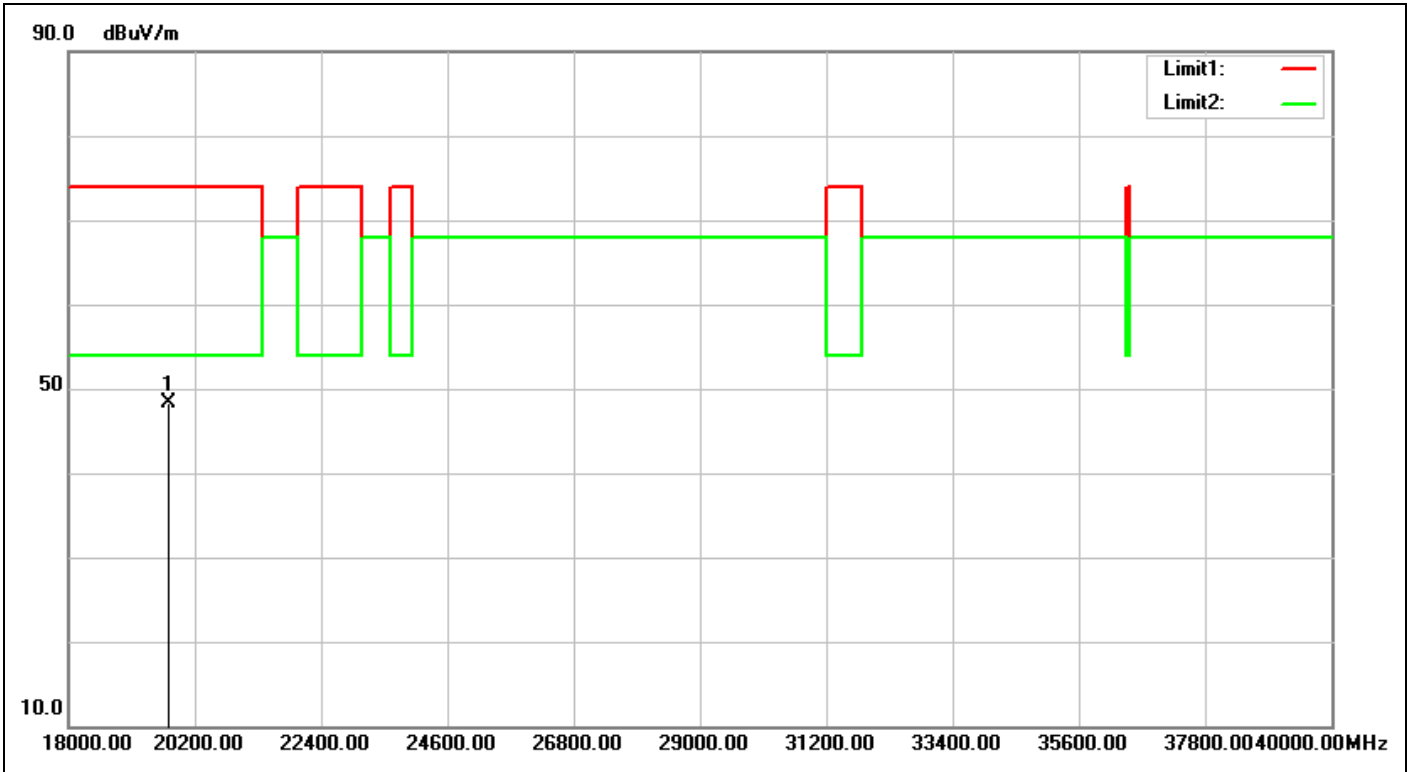
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:47:03
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5320-TX		
Remark:	Power Setting 1A 1B		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20706.000	31.82	17.32	49.14	74.00	-24.86	peak			



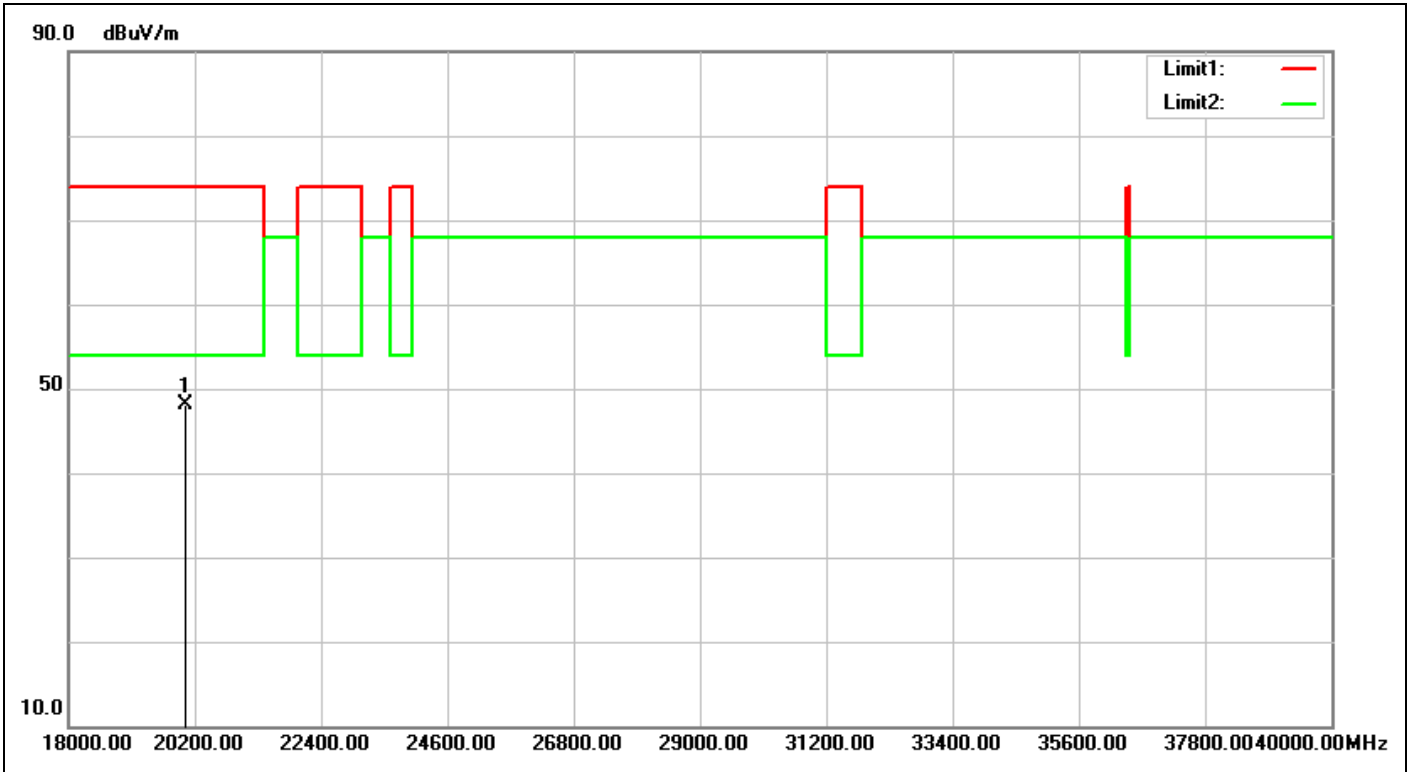
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:47:10
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5320-TX		
Remark:	Power Setting 1A 1B		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21080.000	32.51	16.27	48.78	74.00	-25.22	peak			



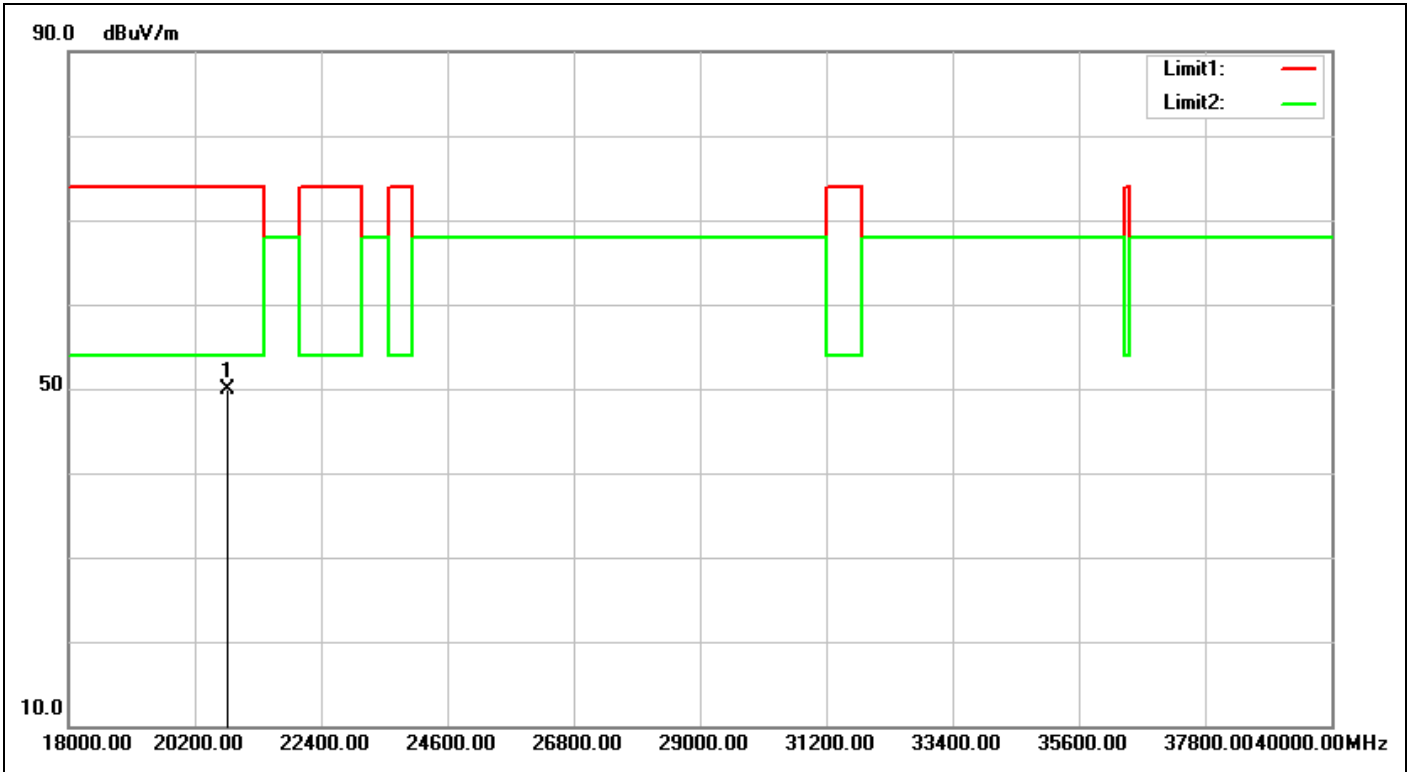
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/30 19:15:46
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	23(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5270-TX		
Remark:	Power Setting 18 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19738.000	30.83	17.57	48.40	74.00	-25.60	peak		0	



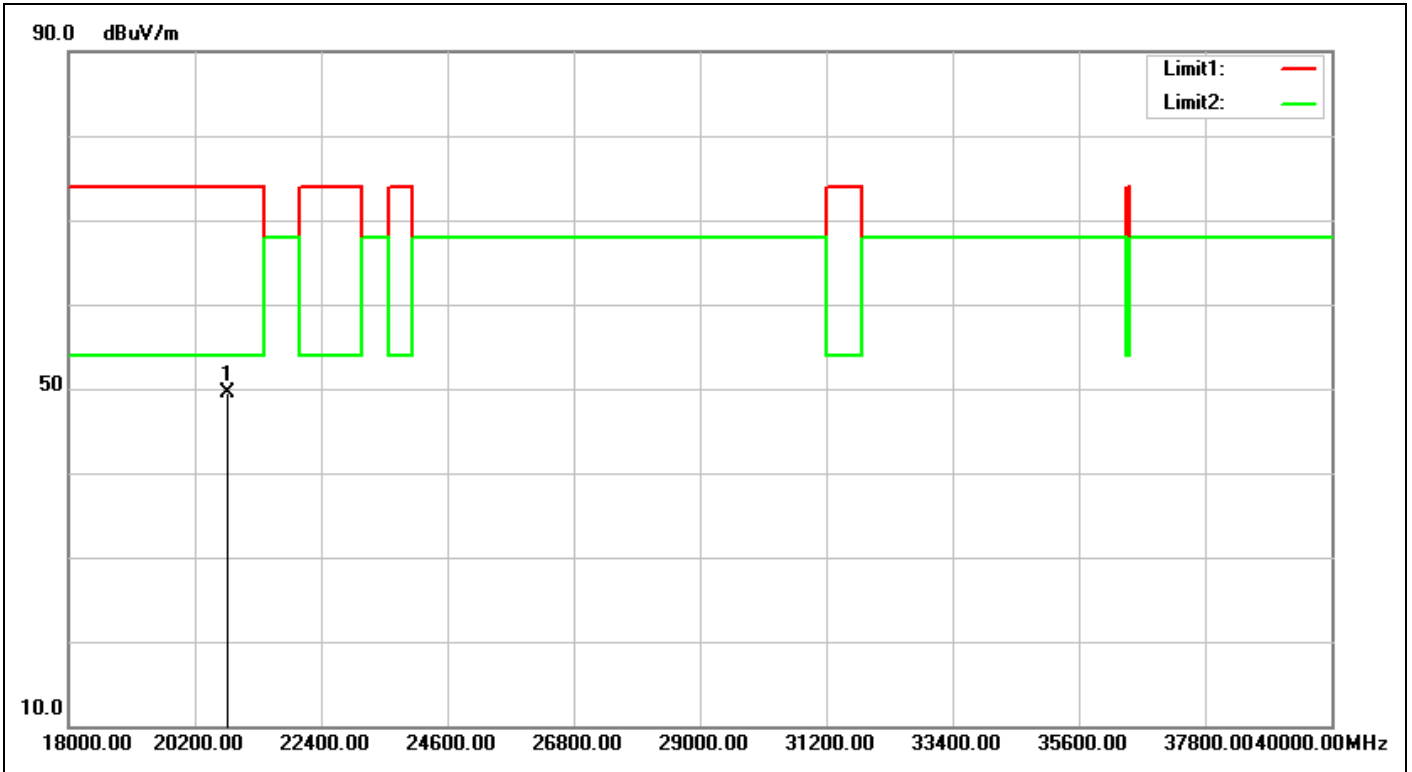
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/30 19:15:53
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	23(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5270-TX		
Remark:	Power Setting 18 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20024.000	31.22	16.96	48.18	74.00	-25.82	peak			



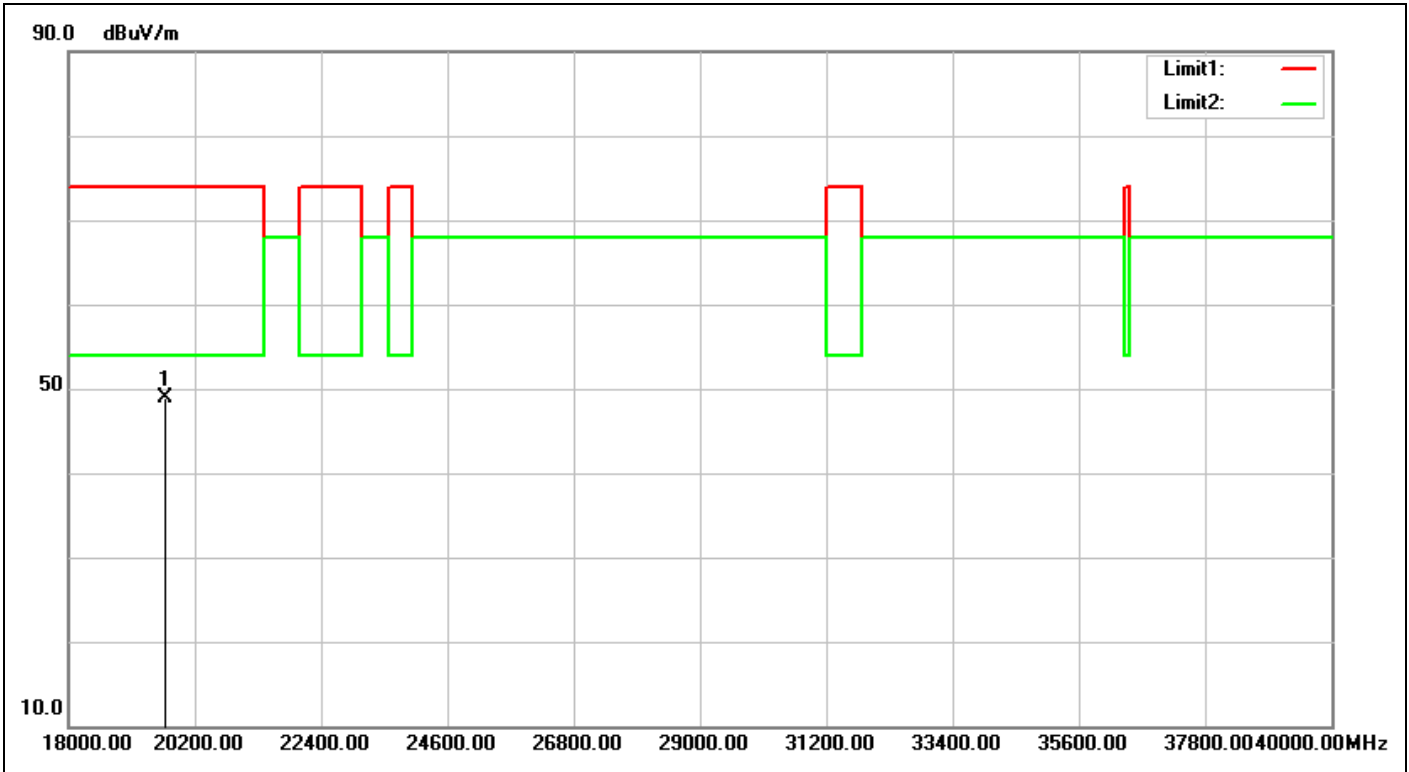
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:51:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5310-TX		
Remark:	Power Setting 17 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20772.000	31.96	17.85	49.81	74.00	-24.19	peak			



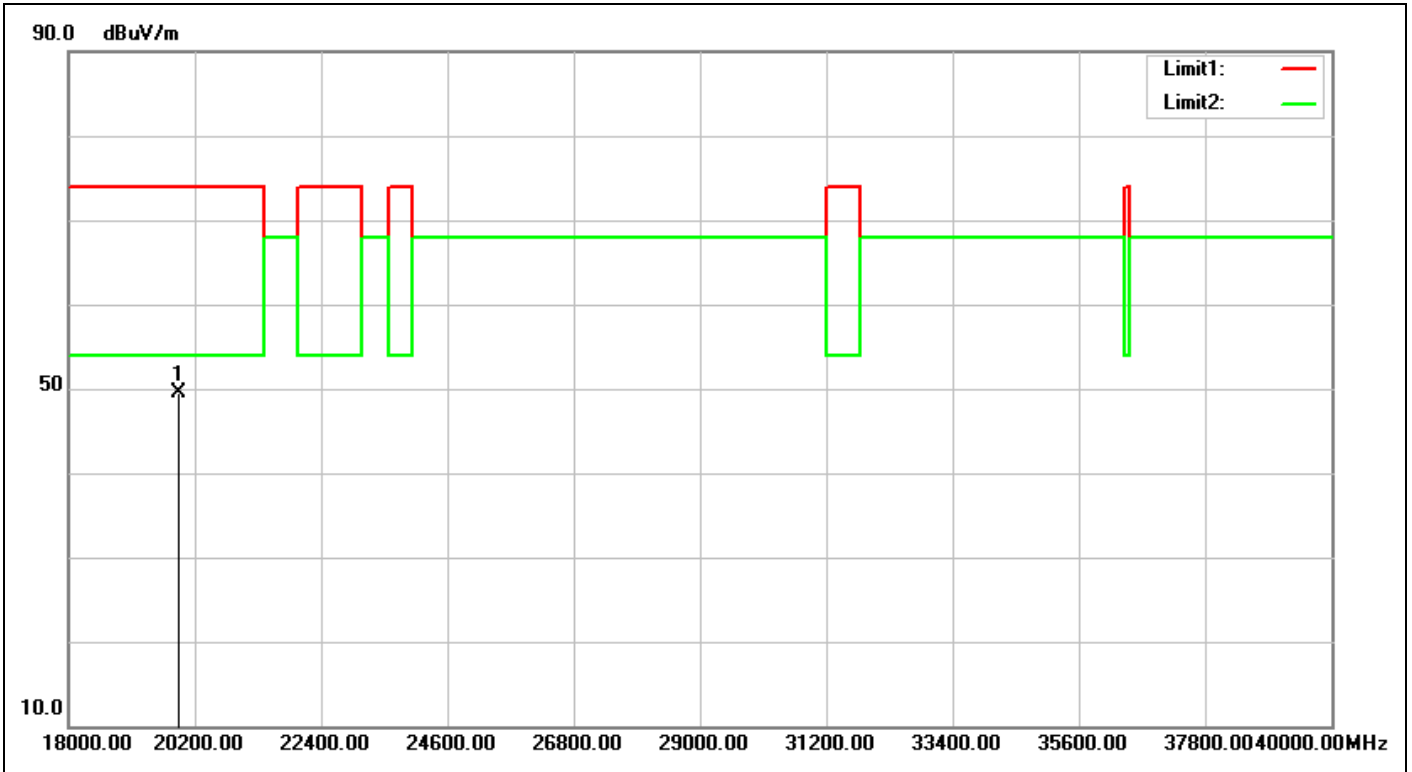
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:51:25
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5310-TX		
Remark:	Power Setting 17 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20772.000	31.96	17.64	49.60	74.00	-24.40	peak			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:52:24
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5290-TX		
Remark:	Power Setting 18 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19672.000	30.72	18.28	49.00	74.00	-25.00	peak			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:52:30
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5290-TX		
Remark:	Power Setting 18 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19914.000	31.08	18.52	49.60	74.00	-24.40	peak			

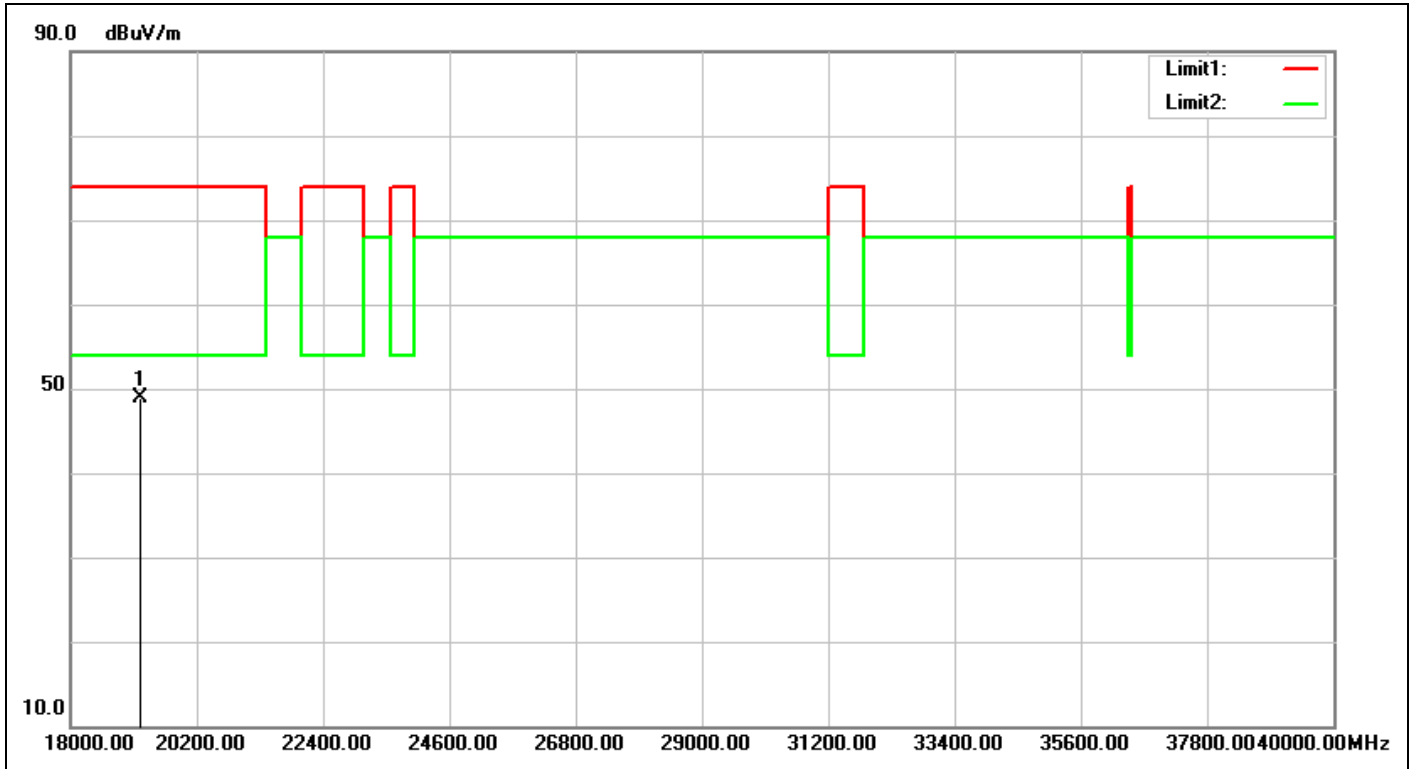
Spurious Emissions, TX Mode, 18-40G, U-NII-2C



TUV Rheinland Taiwan Ltd.

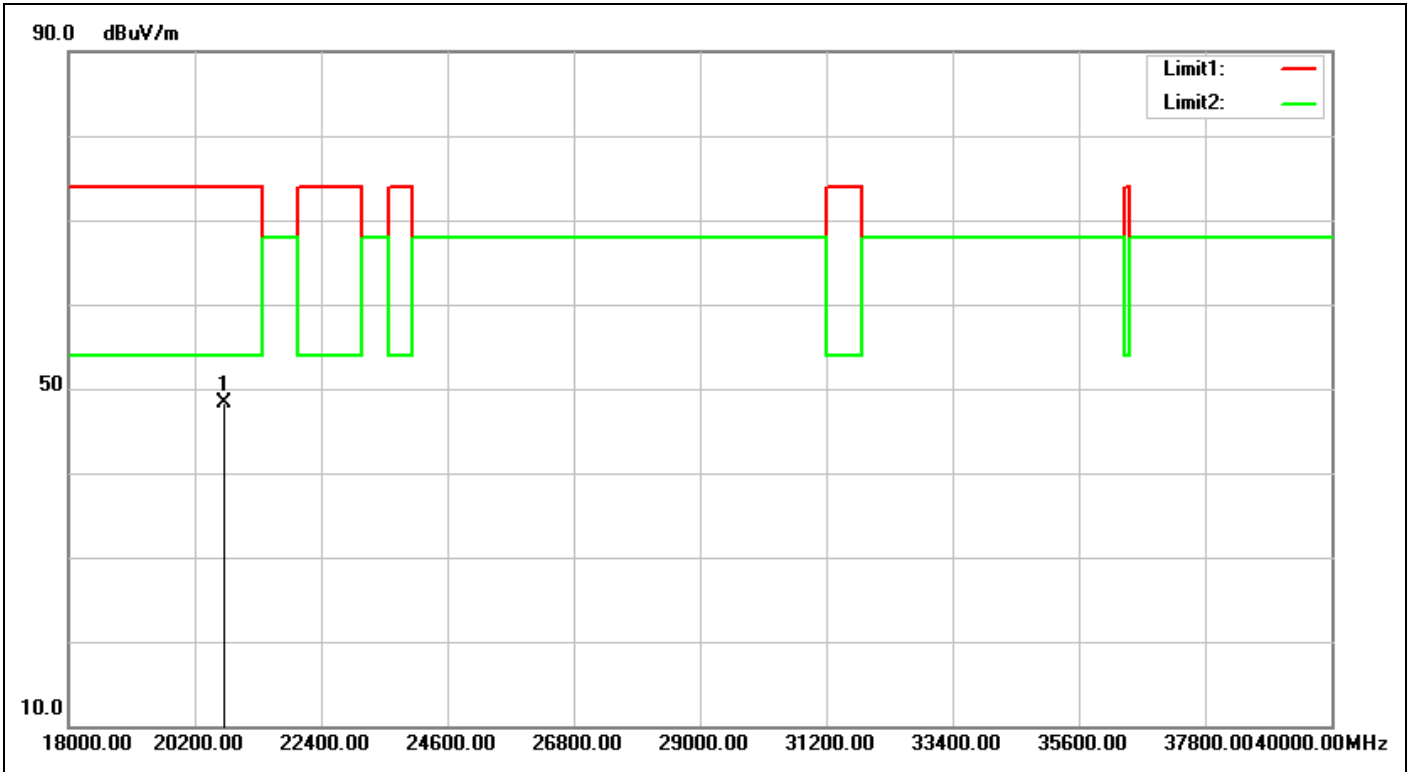
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



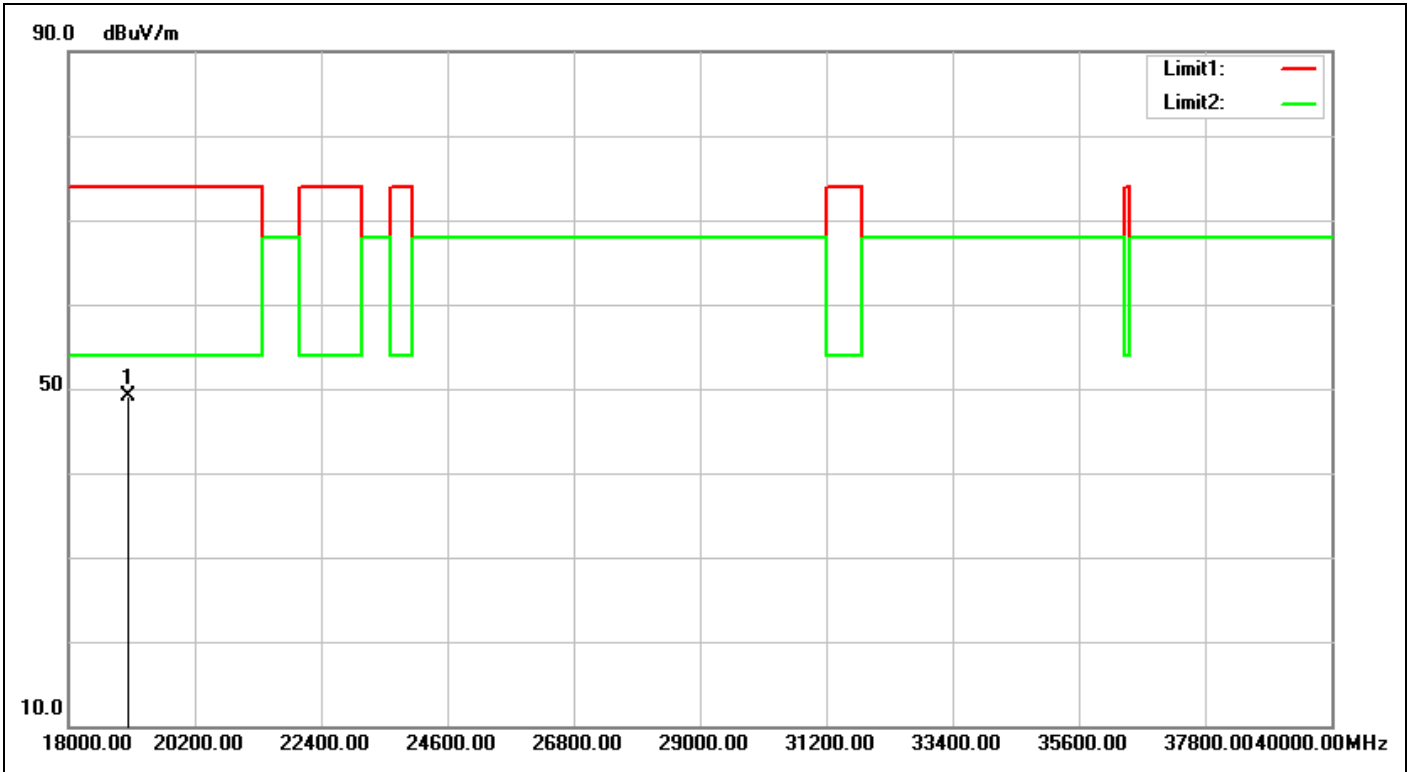
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:00:36
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5500-TX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19210.000	30.28	18.59	48.87	74.00	-25.13	peak		0	



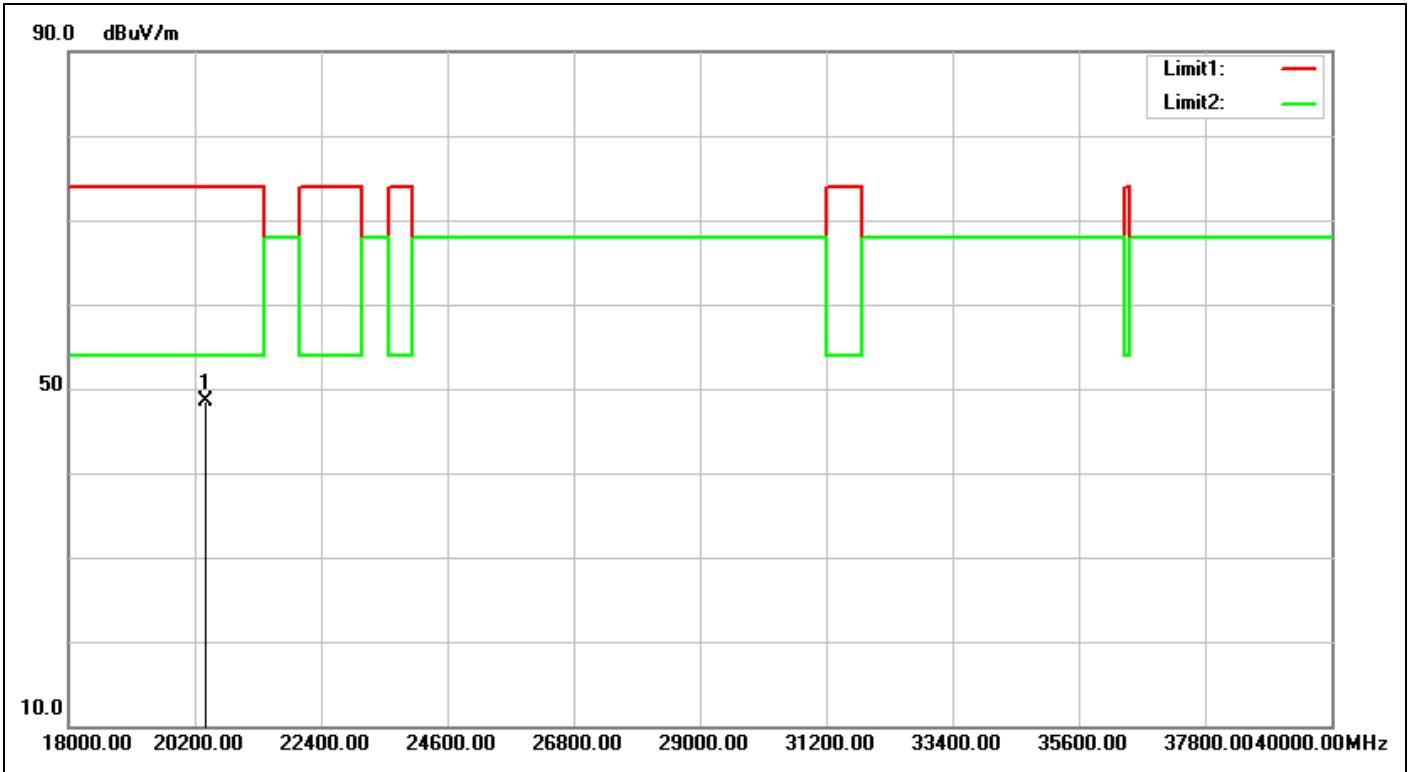
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:00:42
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5500-TX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20706.000	31.82	16.58	48.40	74.00	-25.60	peak			



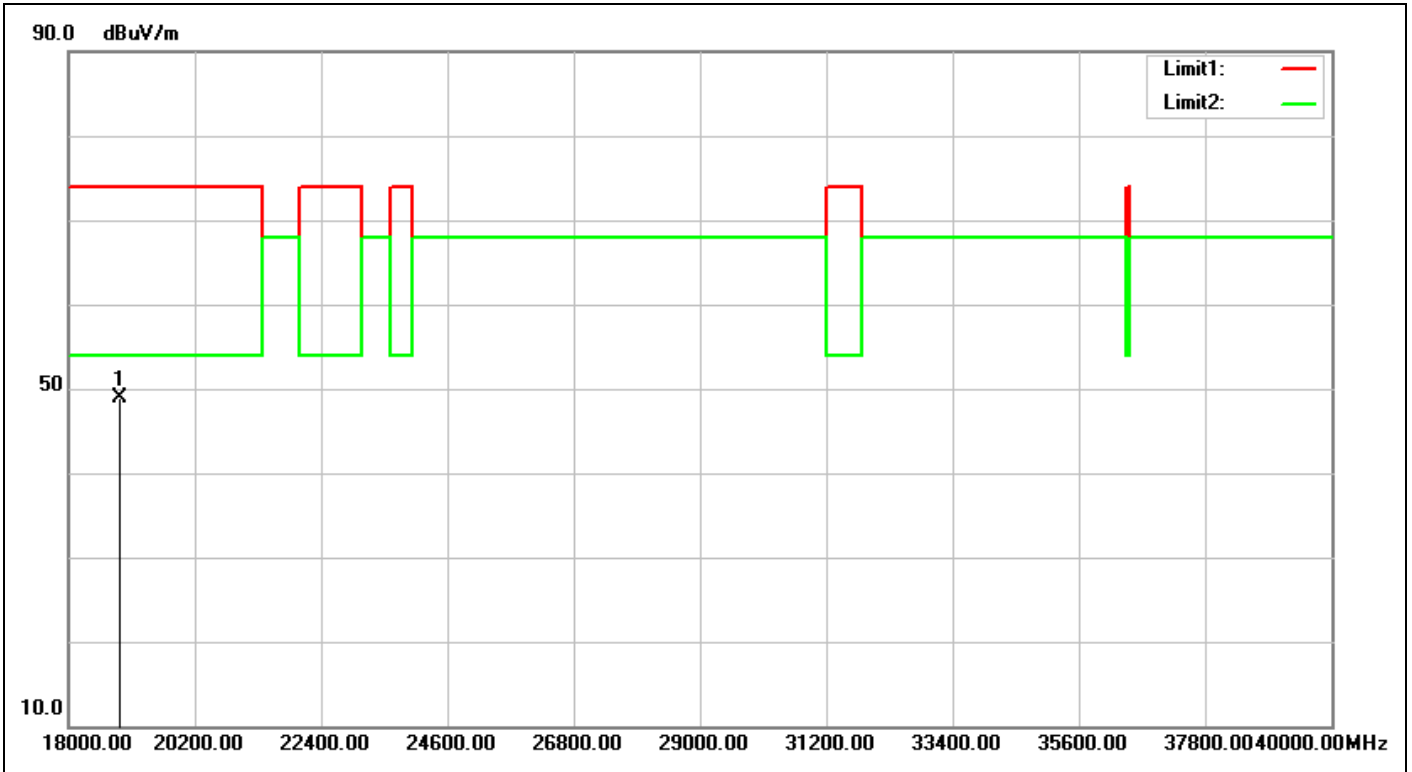
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:01:17
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5560-TX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19034.000	30.17	18.92	49.09	74.00	-24.91	peak			



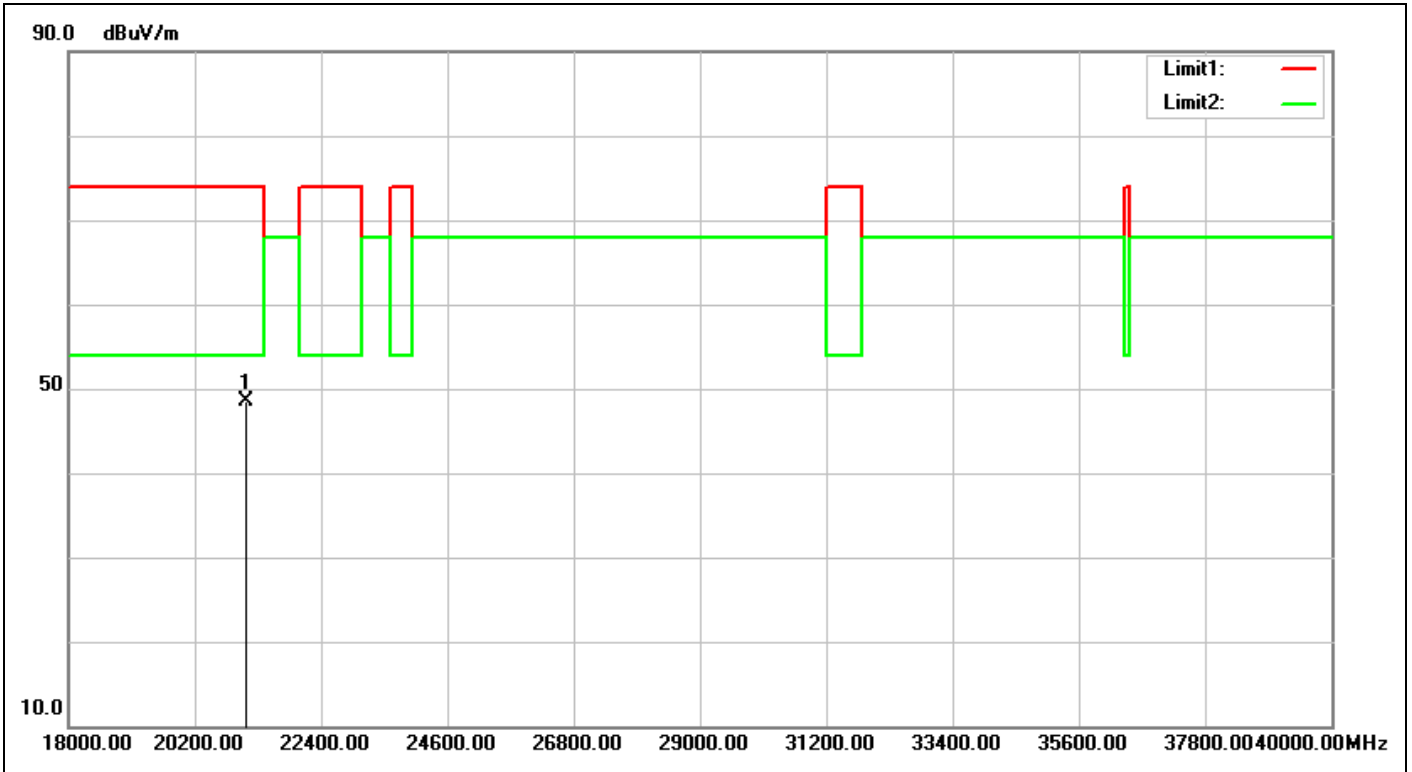
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:01:23
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5560-TX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20398.000	31.36	17.09	48.45	74.00	-25.55	peak			



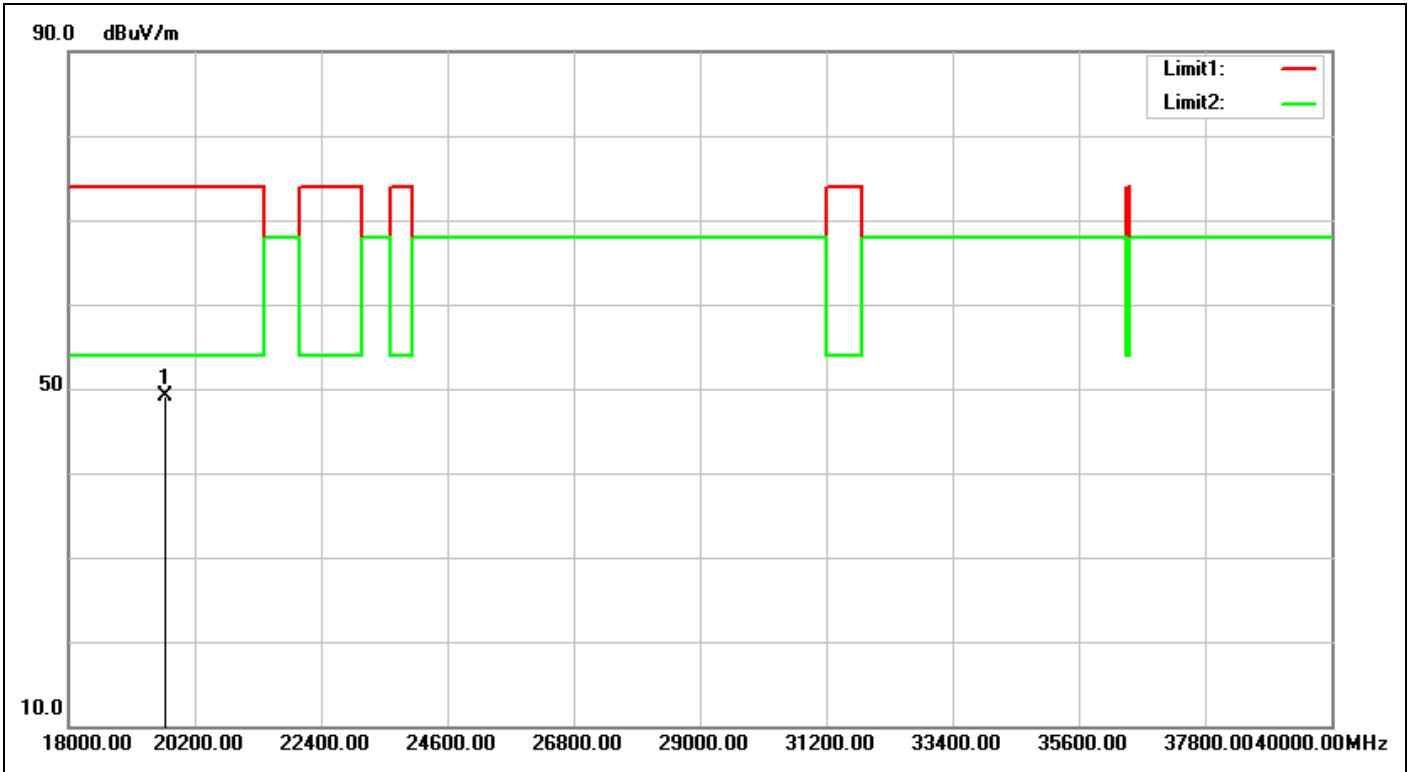
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:01:56
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5700-TX		
Remark:	Power Setting 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18880.000	29.73	19.16	48.89	74.00	-25.11	peak			



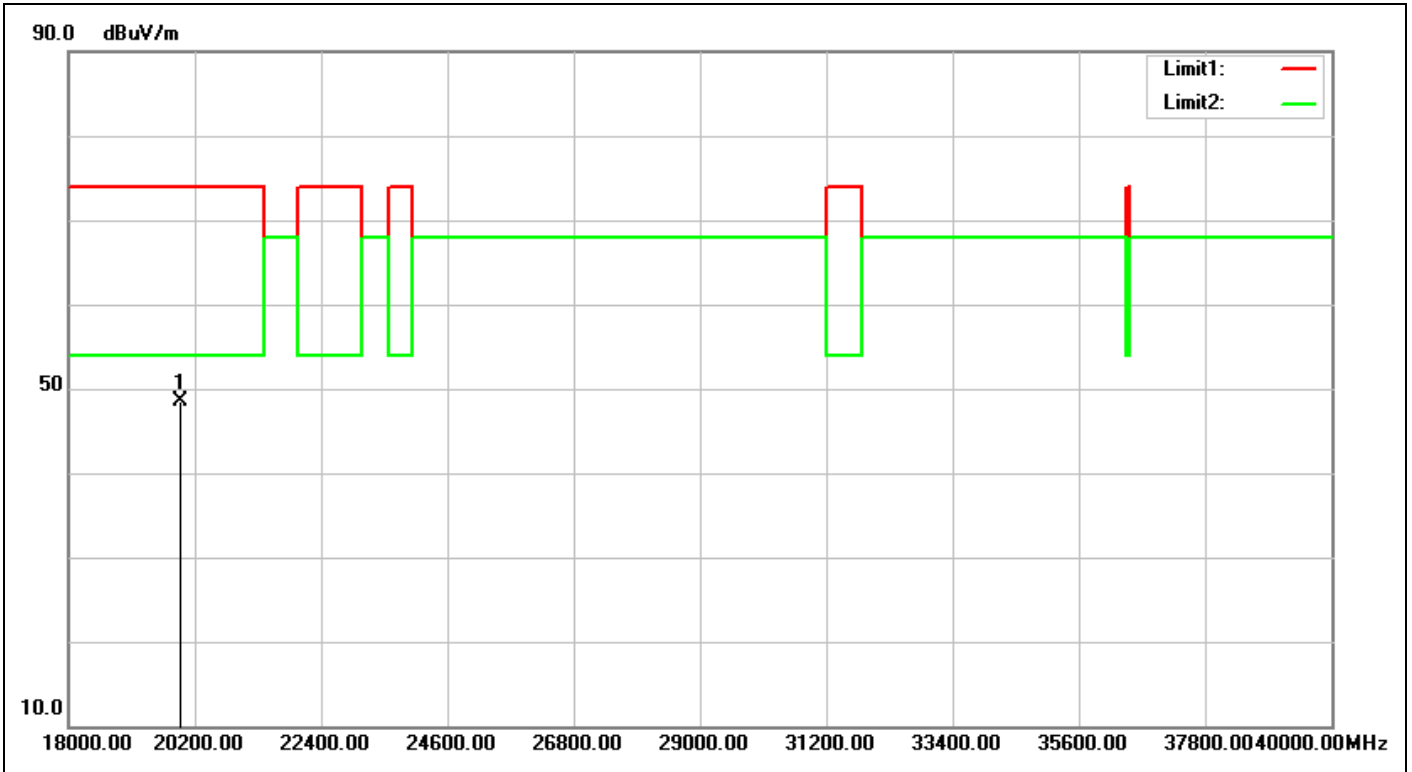
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:02:03
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5700-TX		
Remark:	Power Setting 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21102.000	32.53	15.94	48.47	74.00	-25.53	peak			



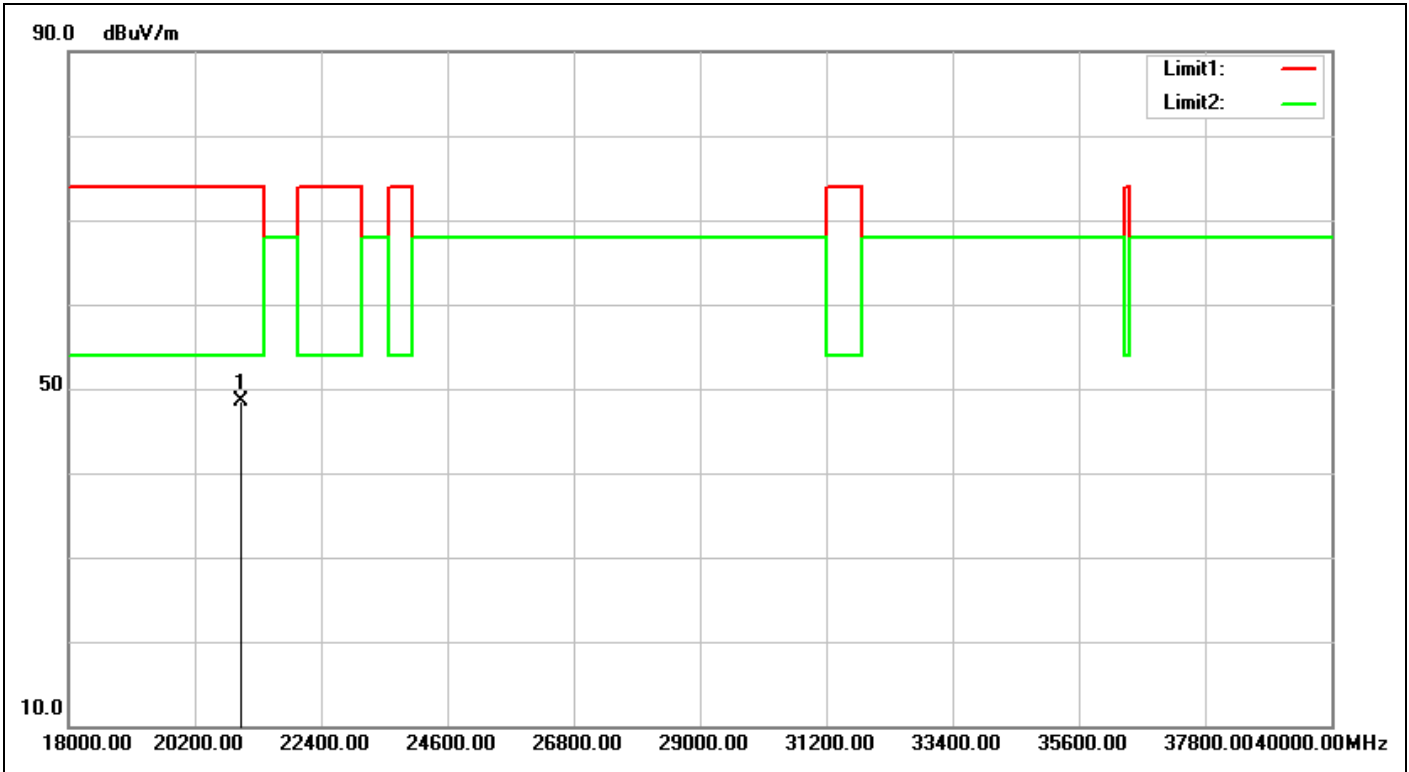
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:02:46
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5500-TX		
Remark:	Power Setting 1C 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19694.000	30.75	18.39	49.14	74.00	-24.86	peak			



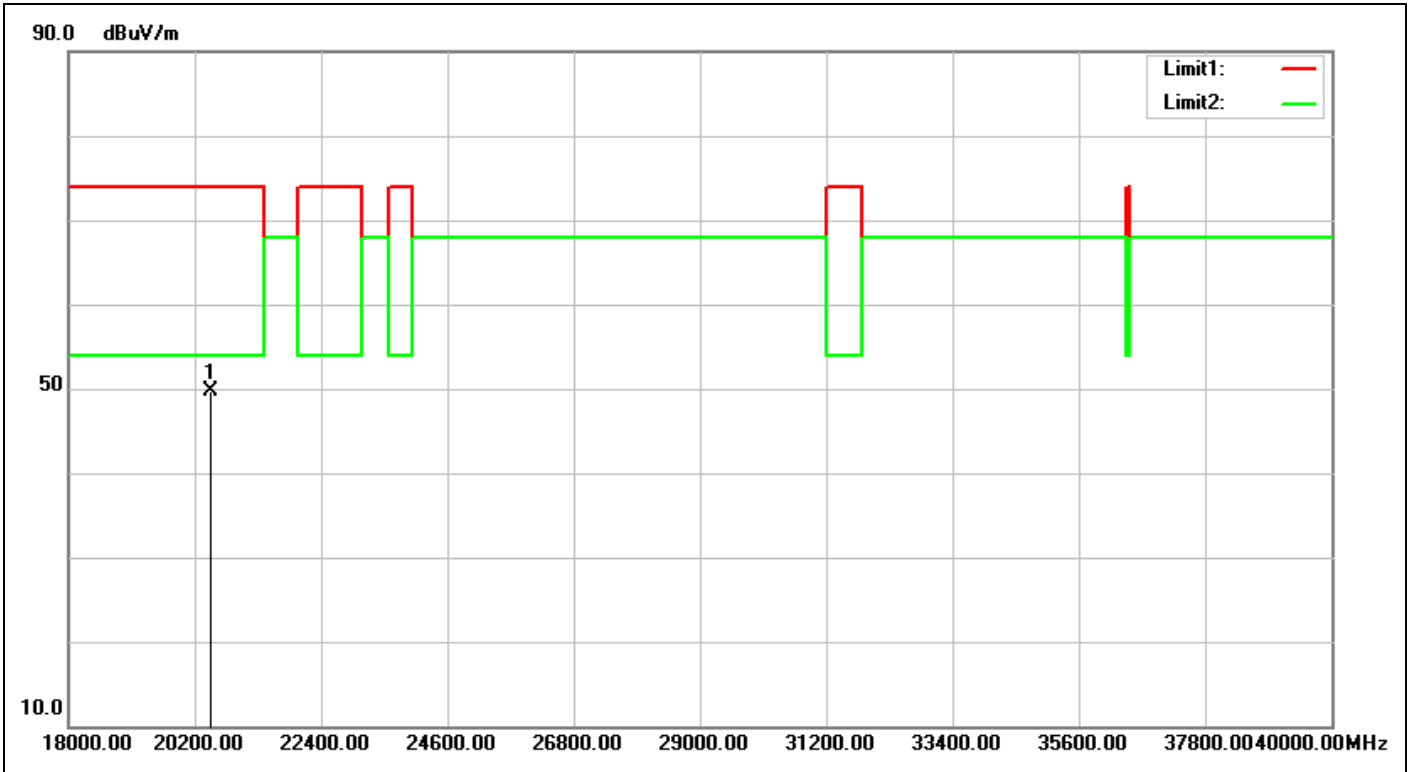
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:02:53
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5500-TX		
Remark:	Power Setting 1C 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19958.000	31.15	17.29	48.44	74.00	-25.56	peak			



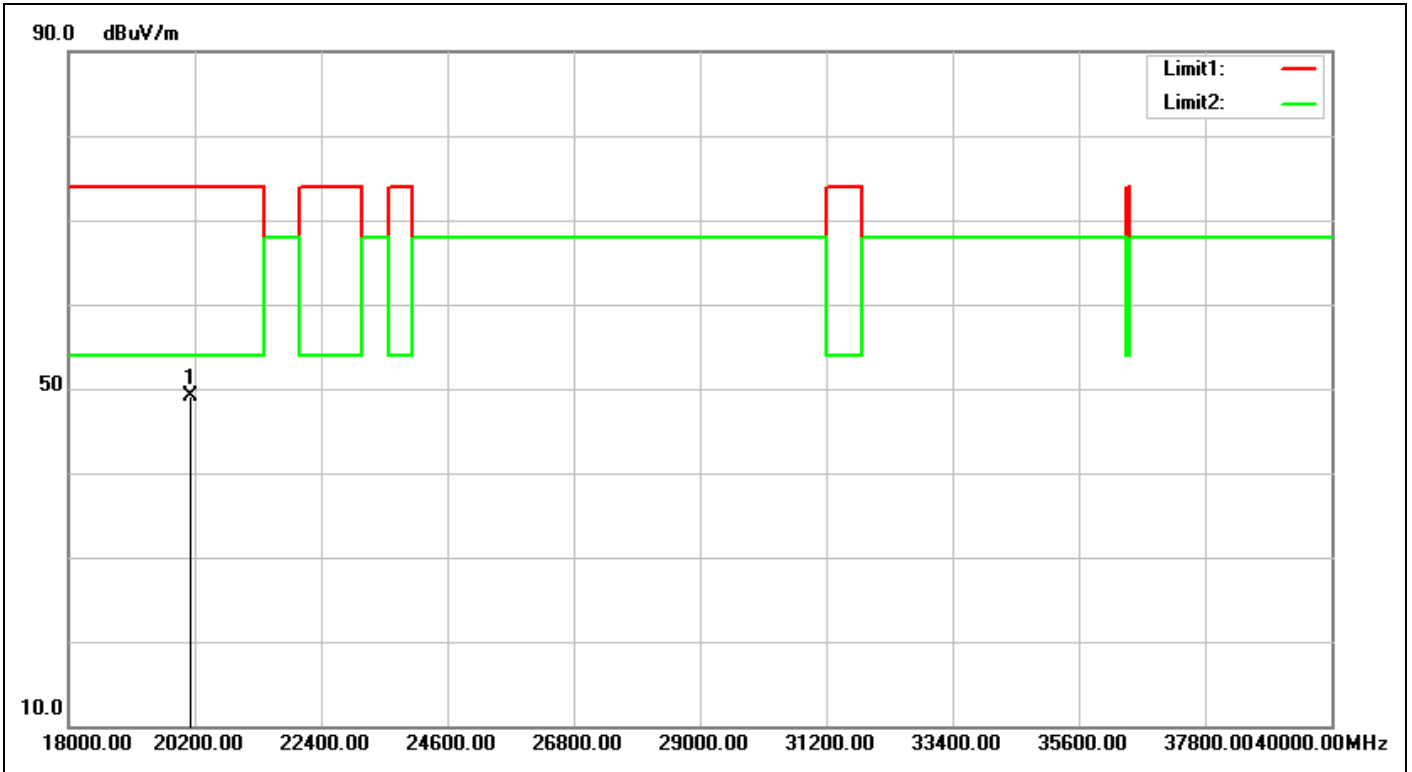
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:03:23
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5560-TX		
Remark:	Power Setting 1C 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20992.000	32.43	15.98	48.41	74.00	-25.59	peak			



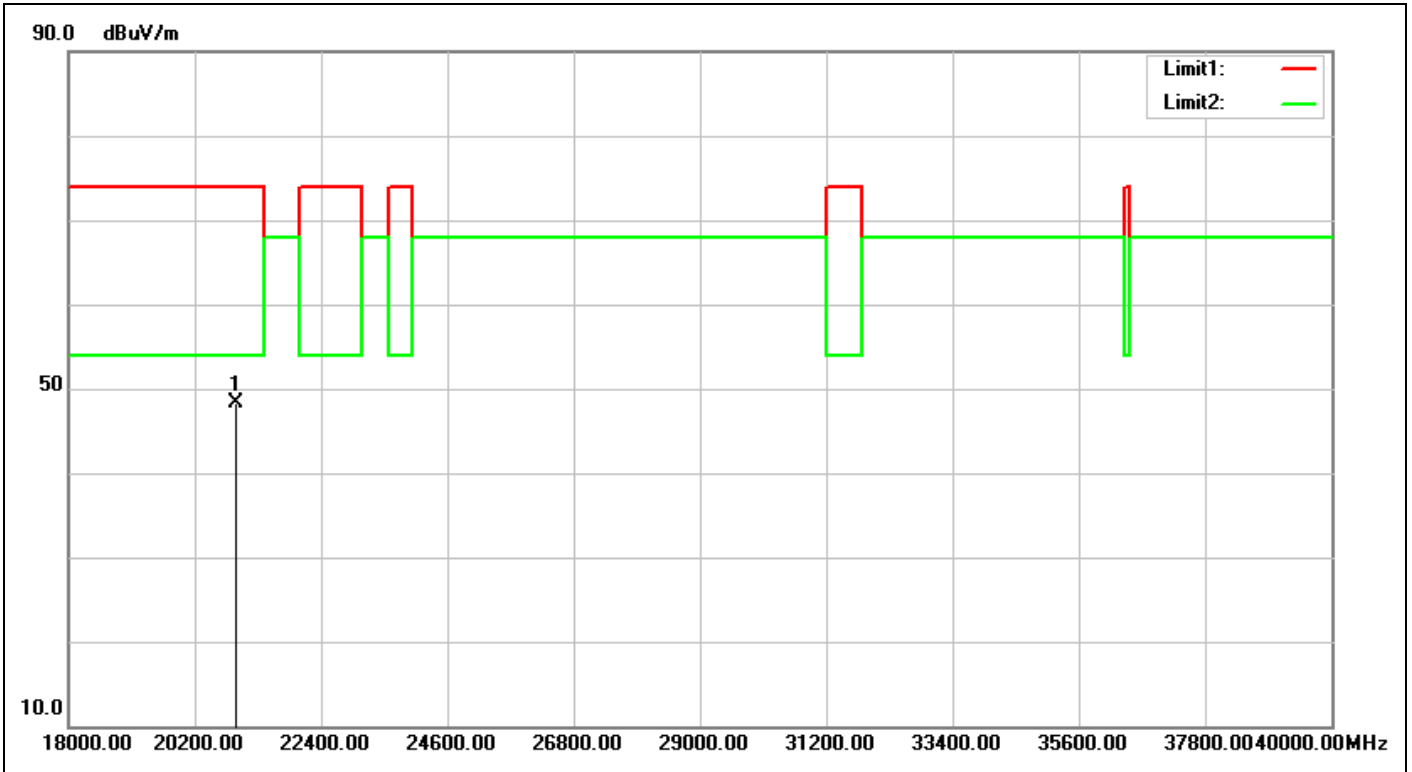
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:03:30
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5560-TX		
Remark:	Power Setting 1C 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20486.000	31.39	18.36	49.75	74.00	-24.25	peak			



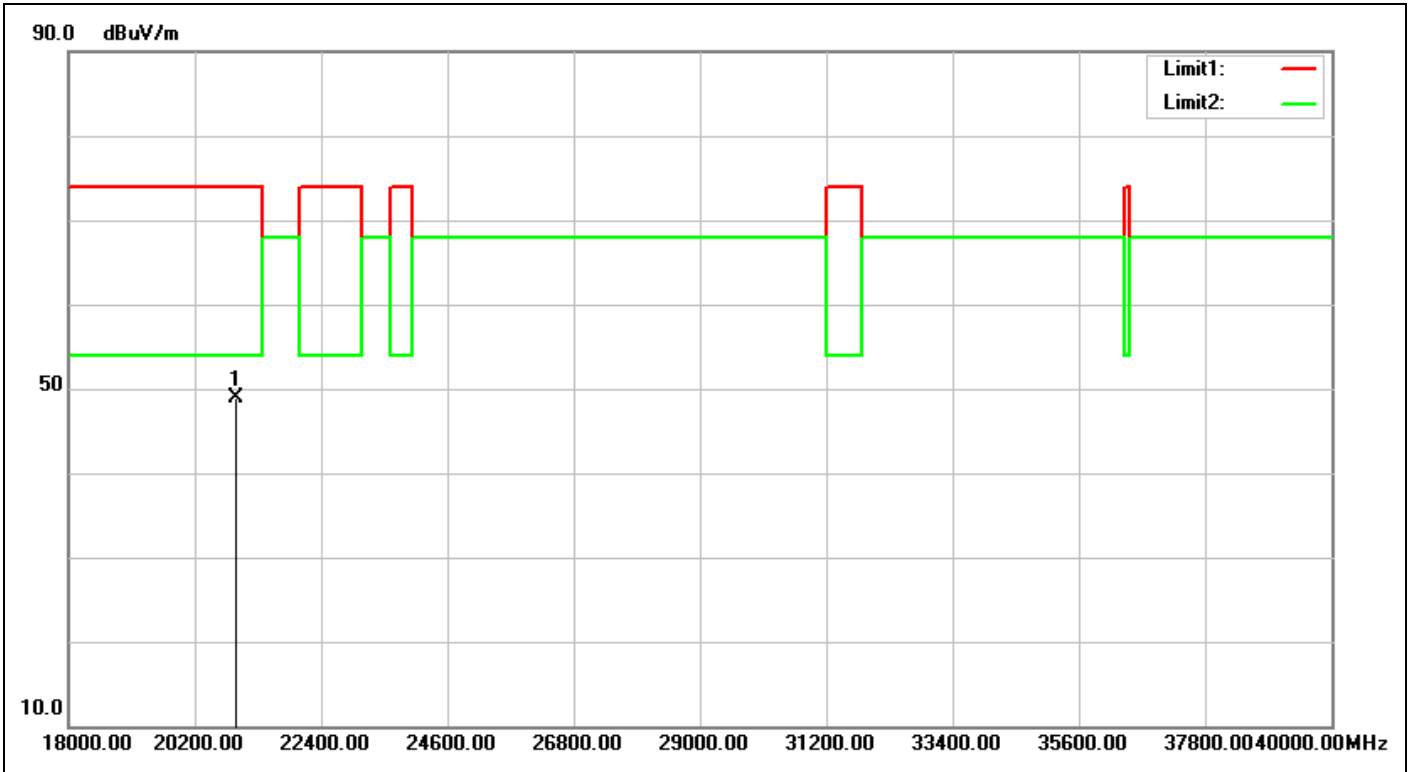
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:03:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5700-TX		
Remark:	Power Setting 1D 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20134.000	31.26	17.81	49.07	74.00	-24.93	peak			



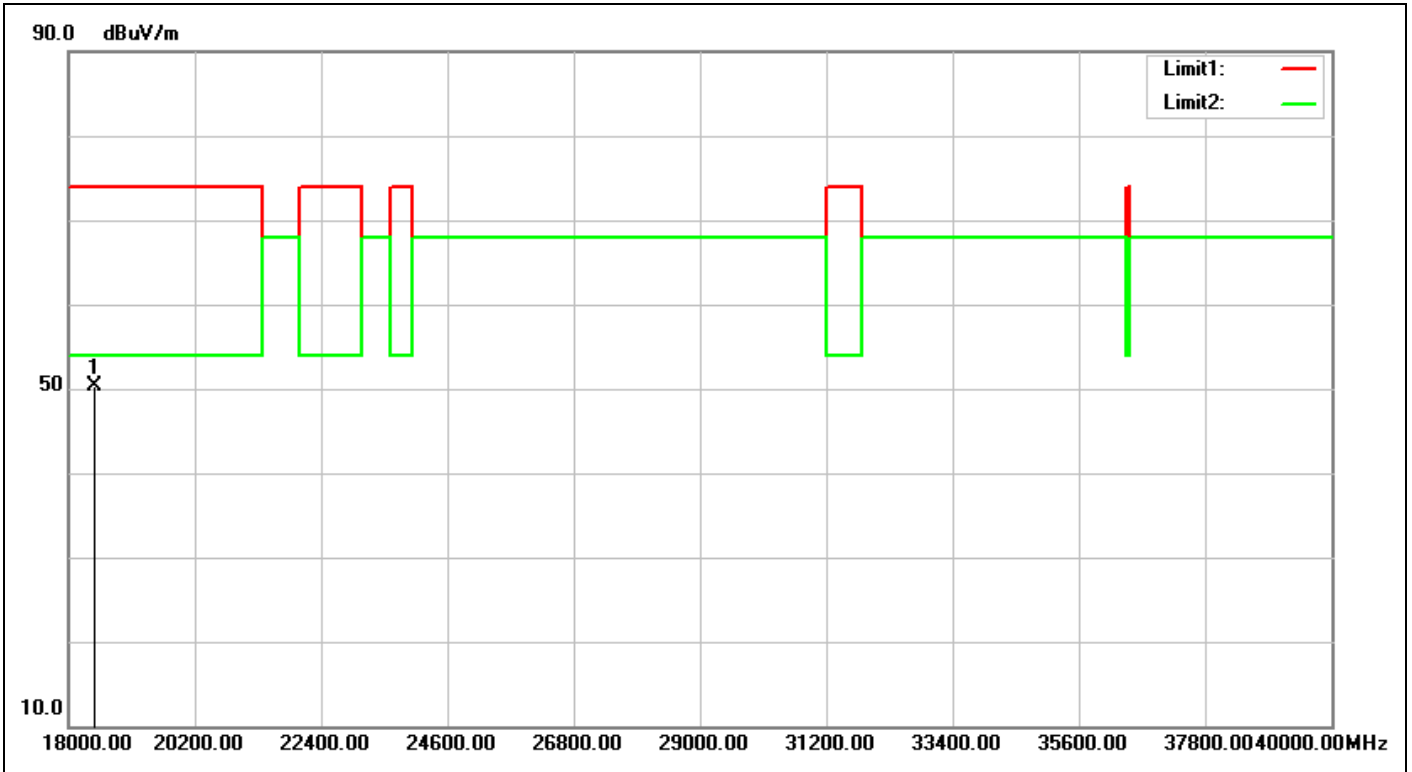
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:04:05
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5700-TX		
Remark:	Power Setting 1D 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20904.000	32.24	16.05	48.29	74.00	-25.71	peak			



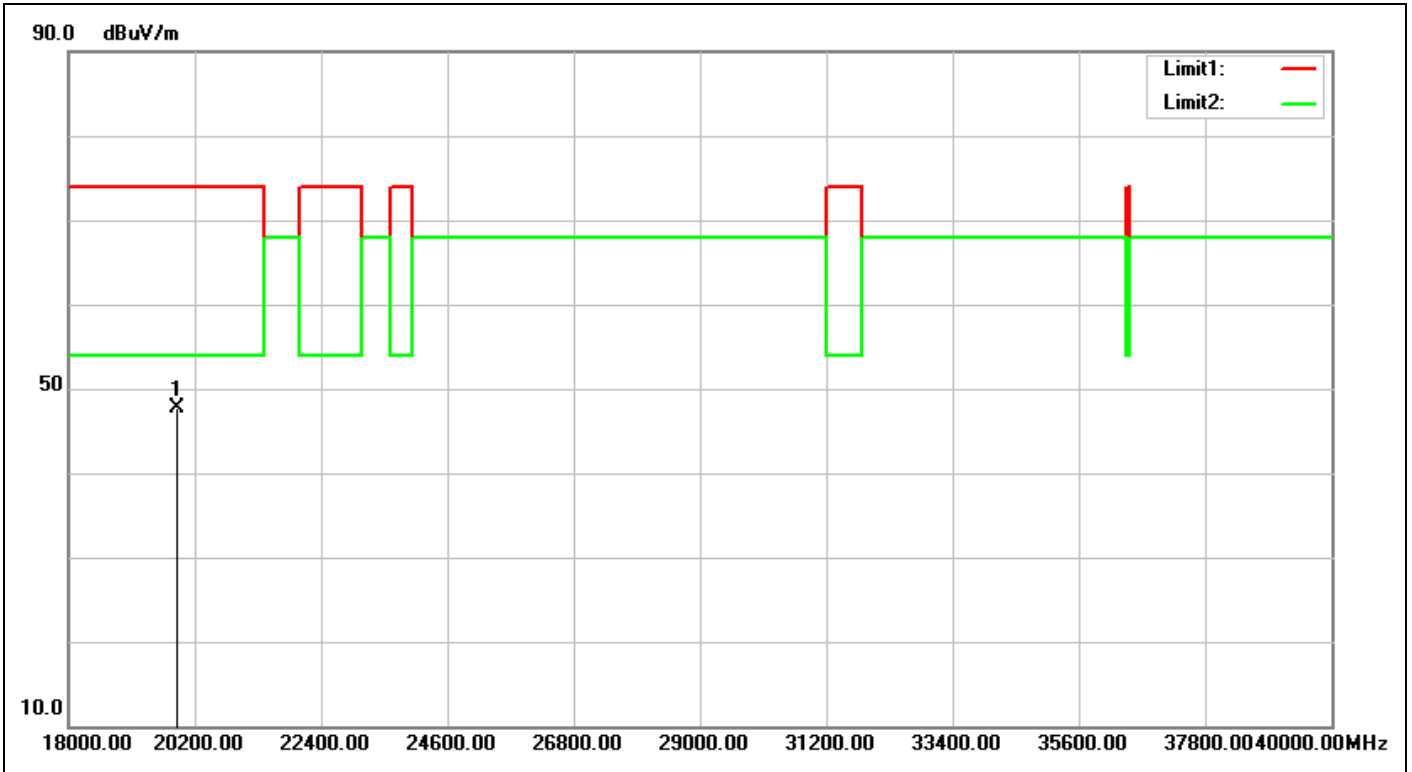
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:04:53
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5510-TX		
Remark:	Power Setting 19 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20904.000	32.24	16.73	48.97	74.00	-25.03	peak			



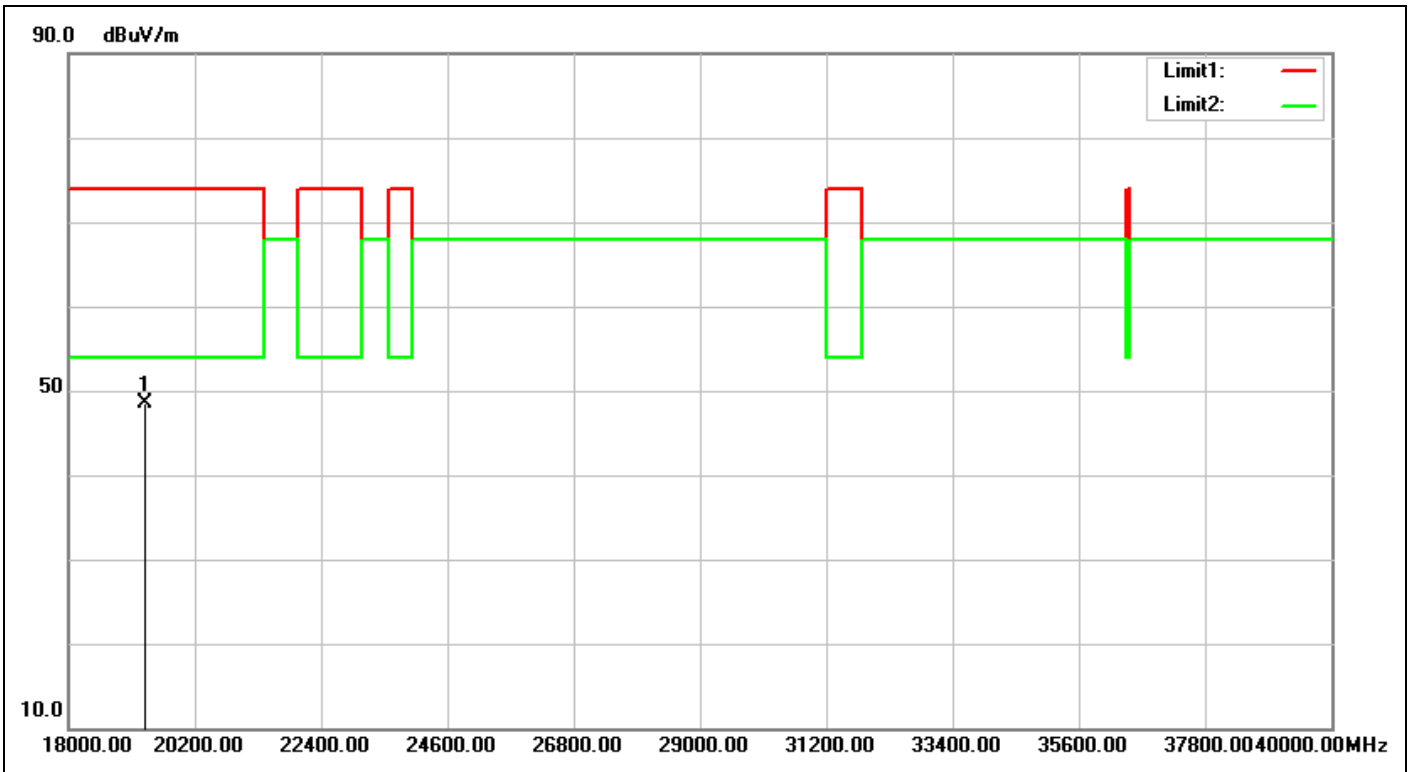
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:04:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5510-TX		
Remark:	Power Setting 19 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18440.000	28.43	21.91	50.34	74.00	-23.66	peak			



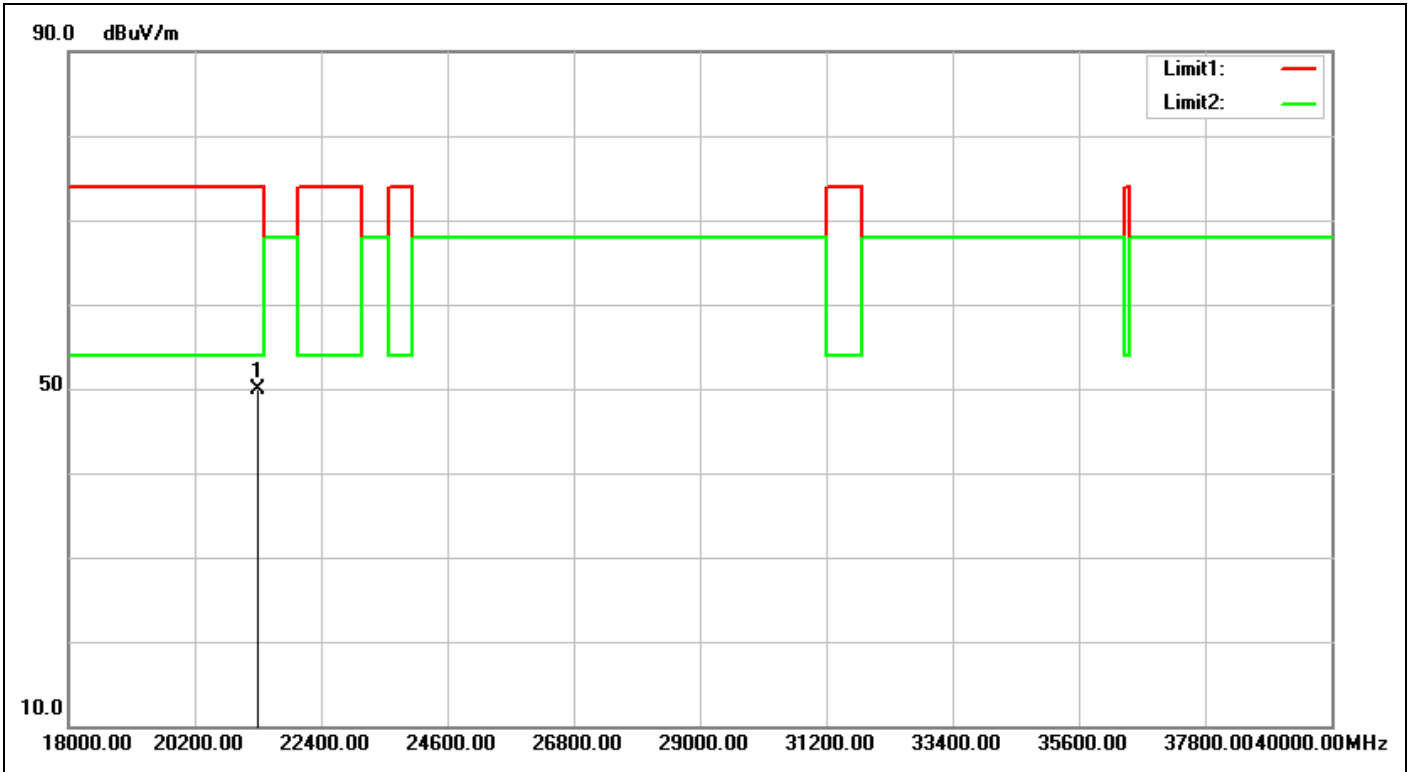
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/30 19:17:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	23(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5590-TX		
Remark:	Power Setting 1C 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19892.000	31.05	16.69	47.74	74.00	-26.26	peak			



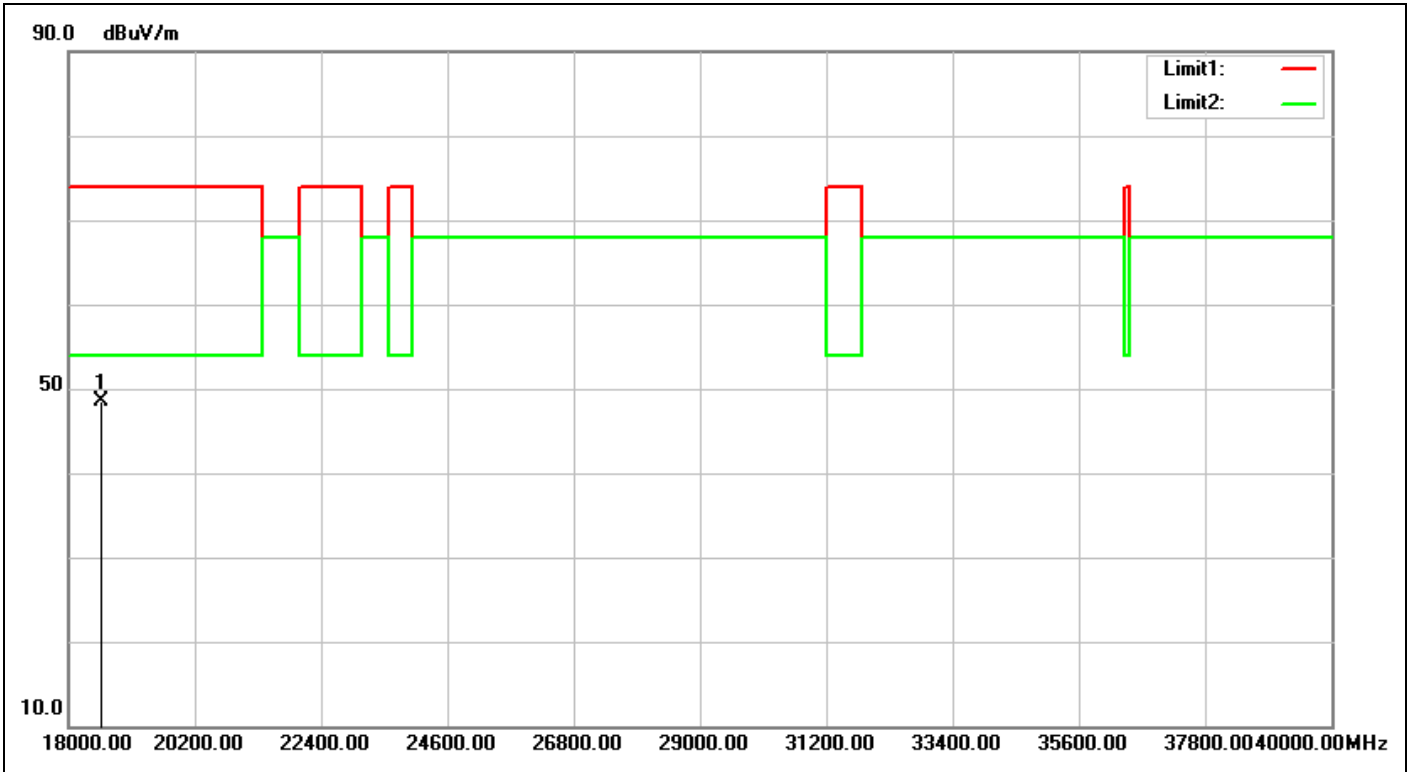
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/30 19:17:25
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	23(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5590-TX		
Remark:	Power Setting 1C 18		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19342.000	30.37	18.10	48.47	74.00	-25.53	peak			



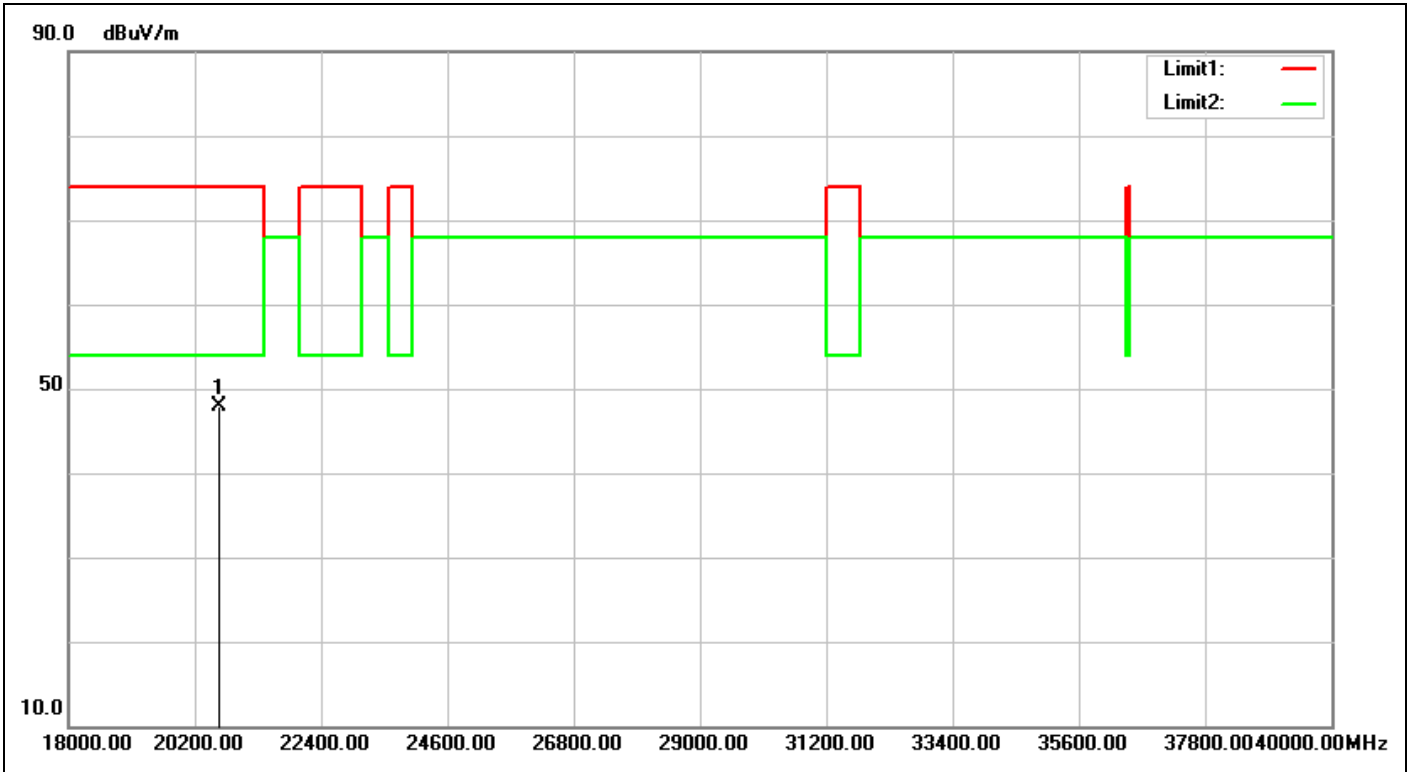
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:05:30
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5670-TX		
Remark:	Power Setting 1B 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21300.000	32.71	17.20	49.91	74.00	-24.09	peak			



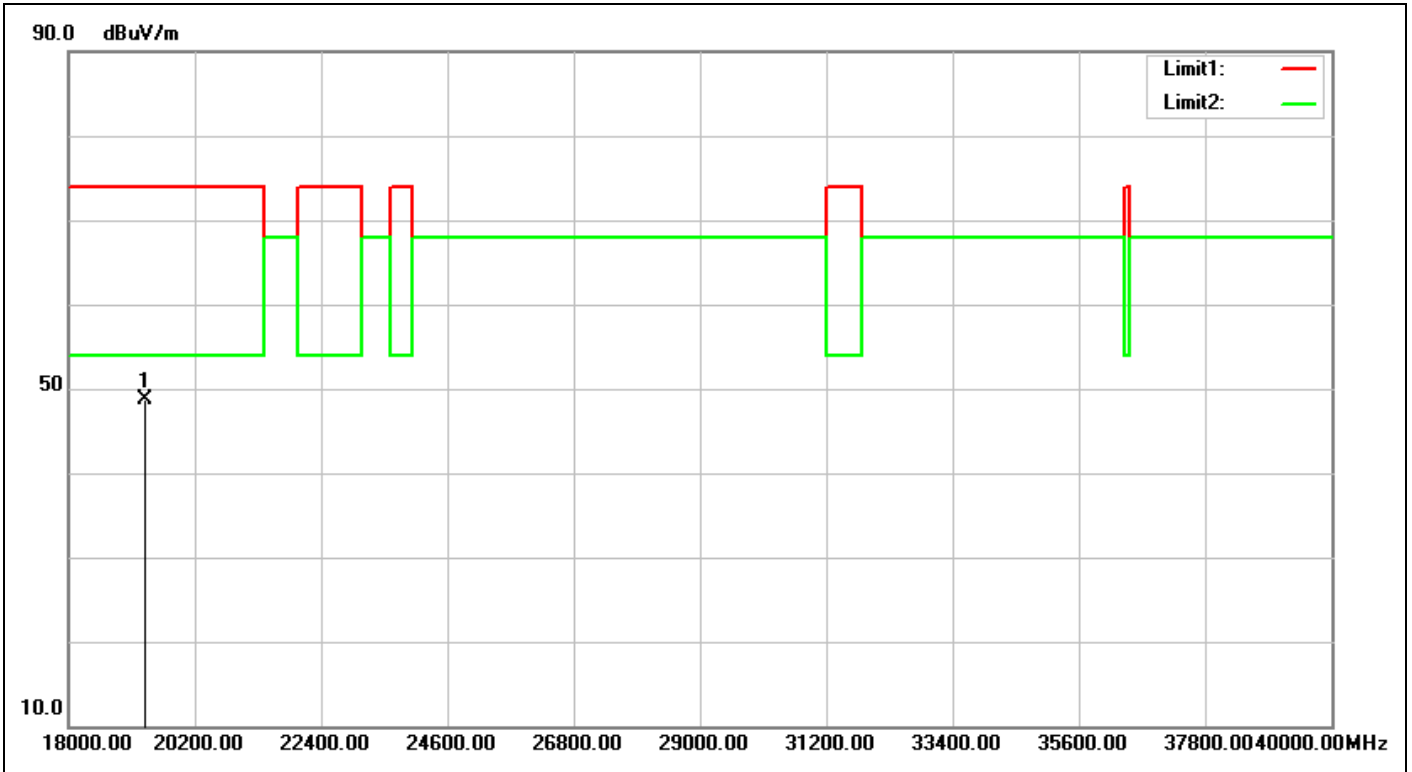
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:05:37
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5670-TX		
Remark:	Power Setting 1B 19		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18572.000	28.72	19.76	48.48	74.00	-25.52	peak			



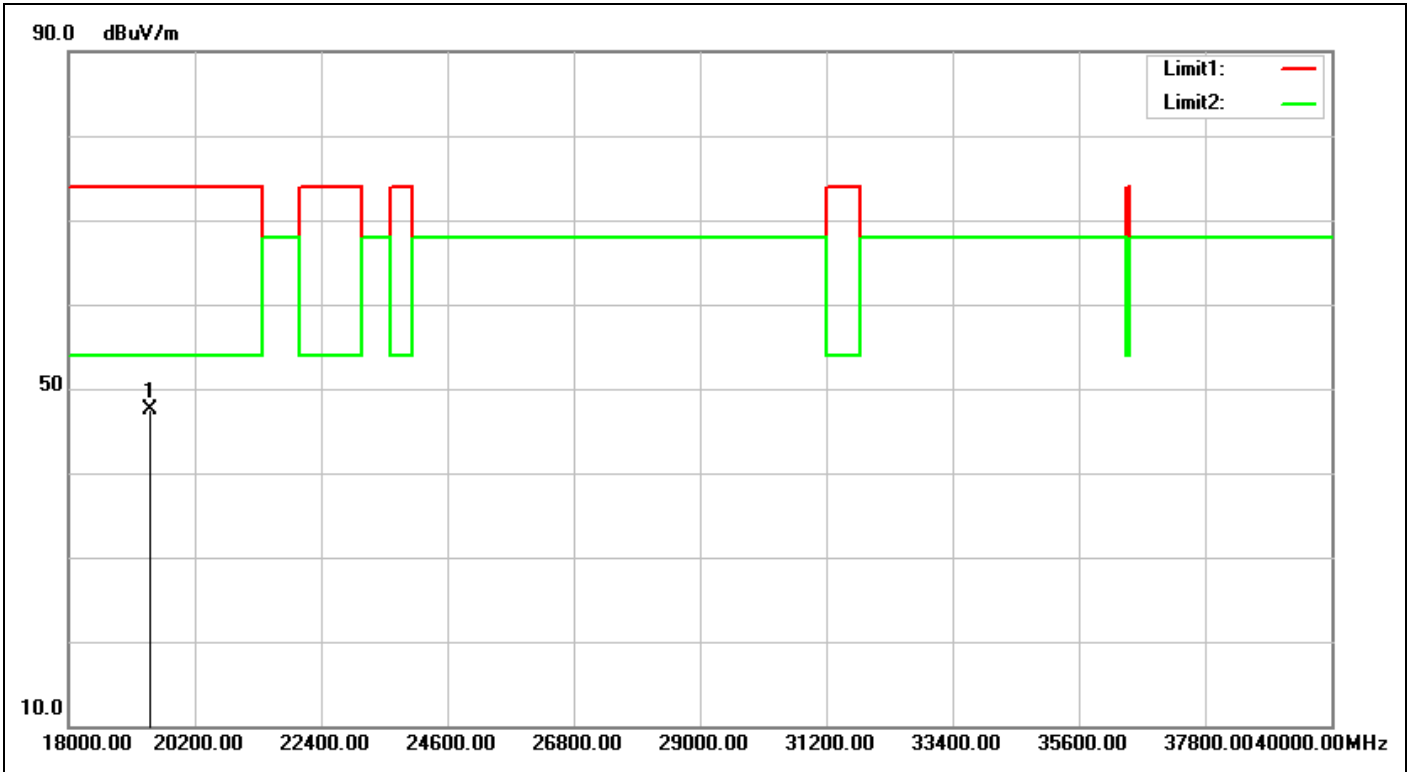
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:06:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5530-TX		
Remark:	Power Setting 1A 17		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20618.000	31.65	16.35	48.00	74.00	-26.00	peak			



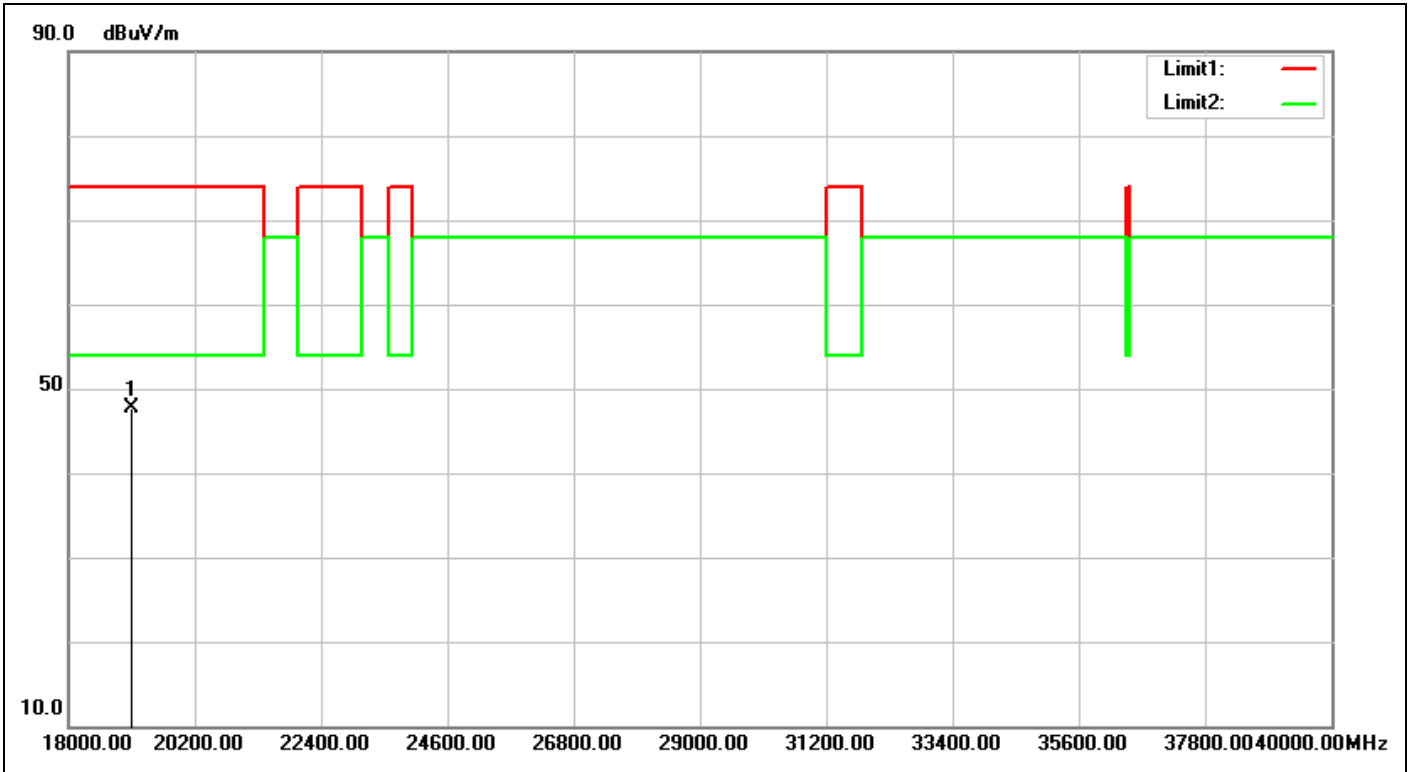
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:06:25
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5530-TX		
Remark:	Power Setting 1A 17		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19320.000	30.36	18.34	48.70	74.00	-25.30	peak			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:07:04
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5610-TX		
Remark:	Power Setting 1B 17		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19408.000	30.41	17.10	47.51	74.00	-26.49	peak			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:07:11
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5610-TX		
Remark:	Power Setting 1B 17		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19100.000	30.21	17.57	47.78	74.00	-26.22	peak			

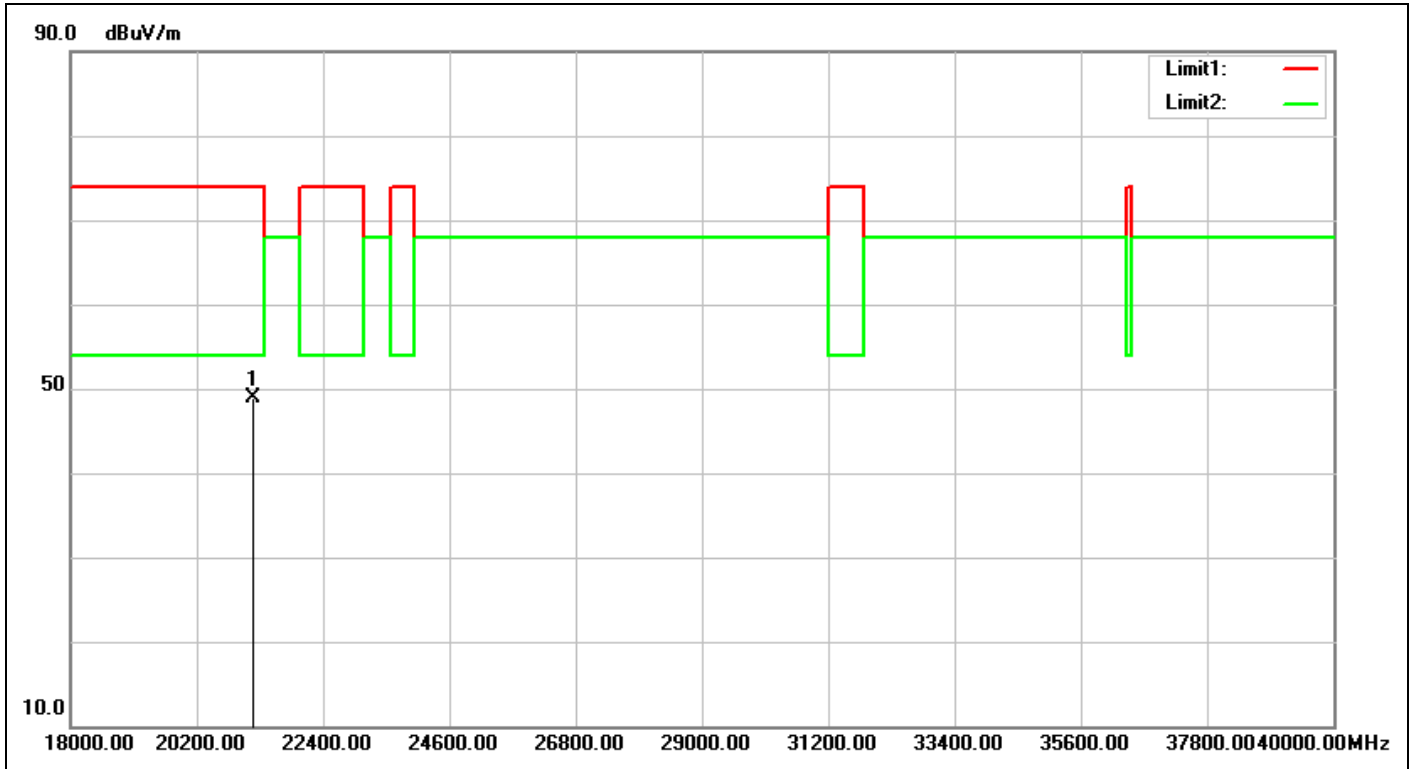
Spurious Emissions, TX Mode, 18-40G, Straddle Channel



TUV Rheinland Taiwan Ltd.

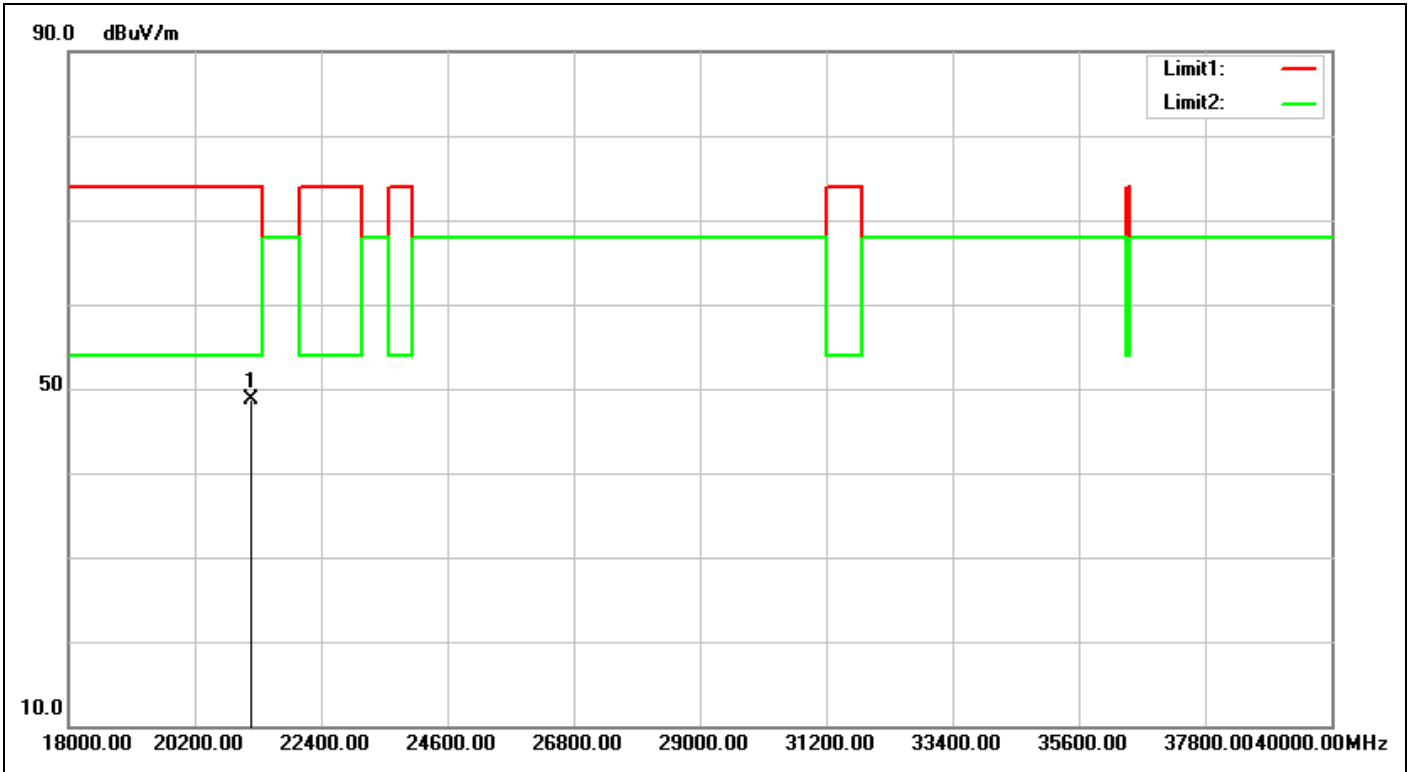
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



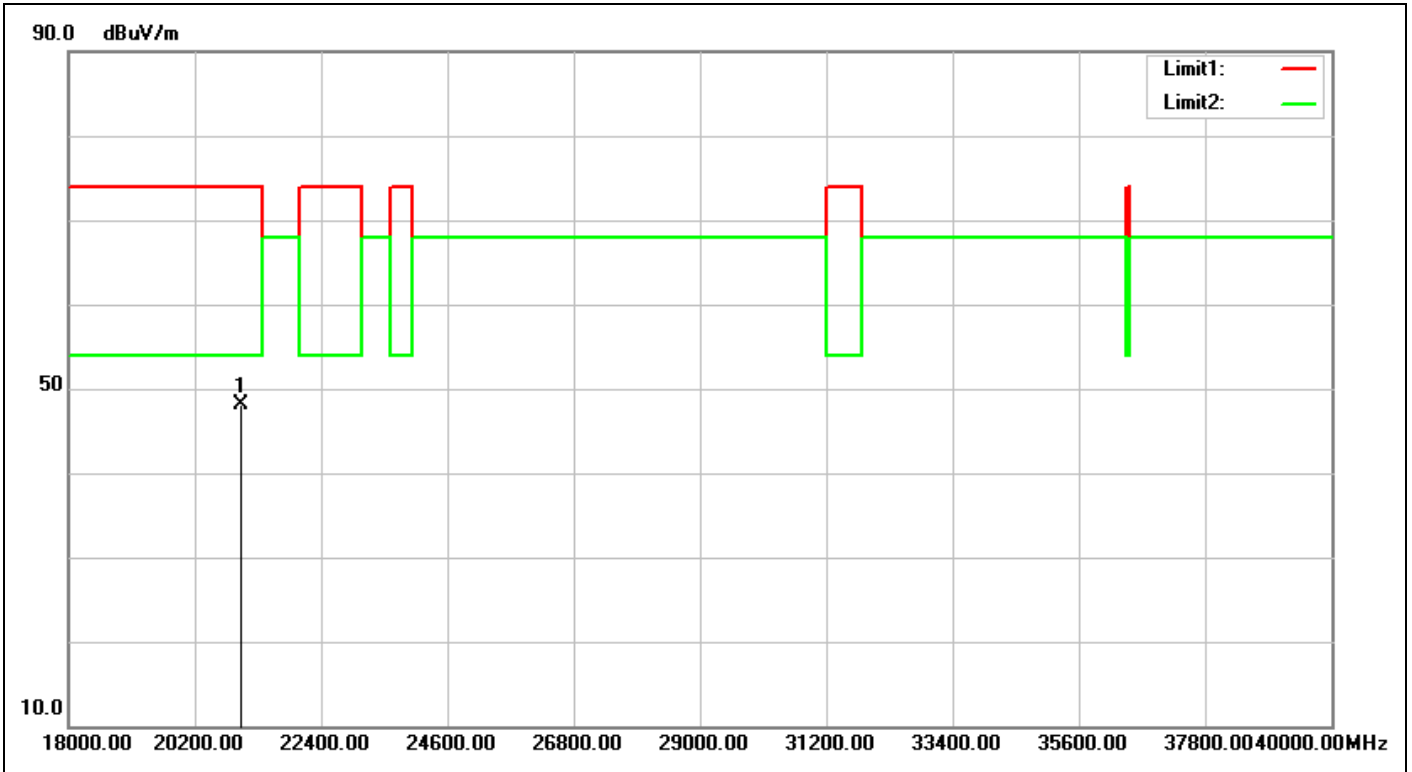
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/20 01:28:11
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5720-TX		
Remark:	Power Setting 27 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21190.000	32.61	16.27	48.88	74.00	-25.12	peak		0	



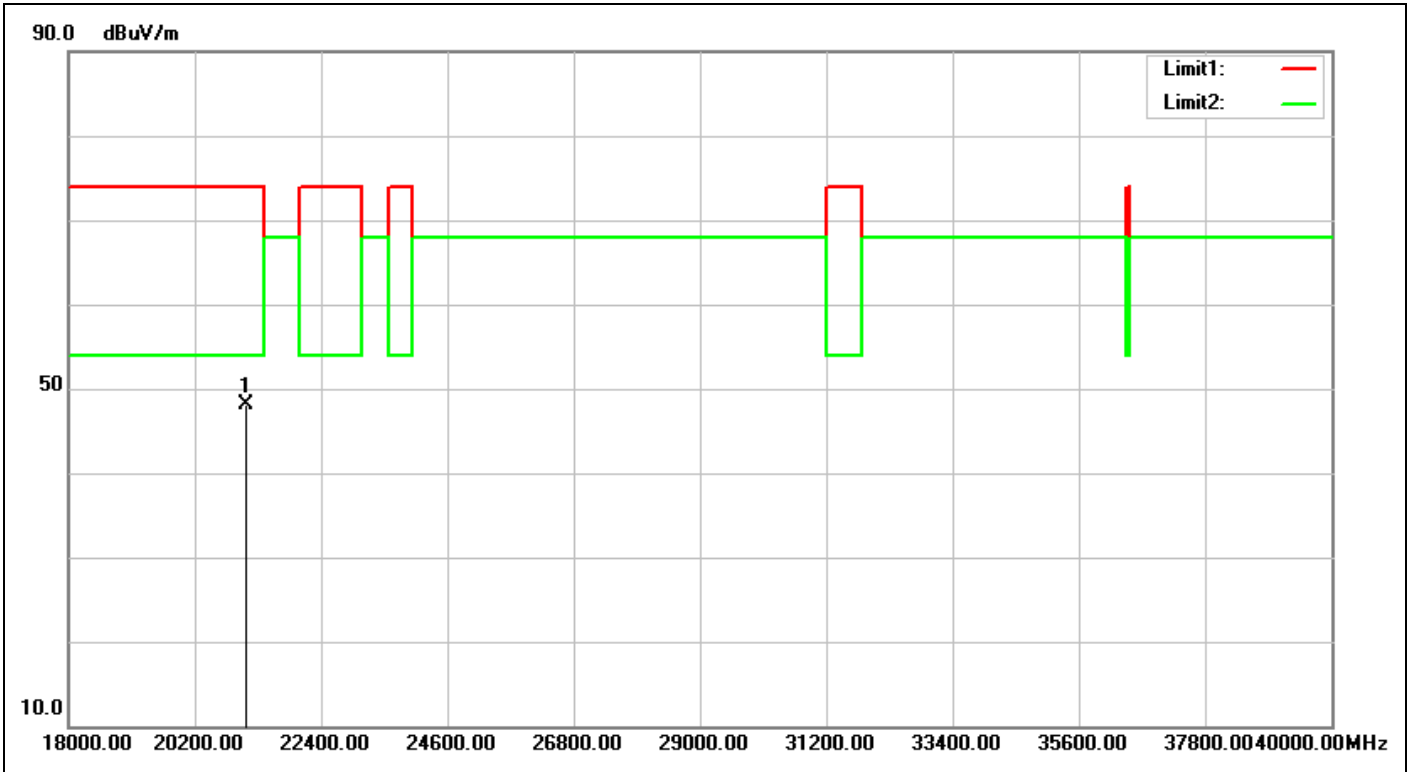
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/20 01:28:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5720-TX		
Remark:	Power Setting 27 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21190.000	32.61	16.08	48.69	74.00	-25.31	peak			



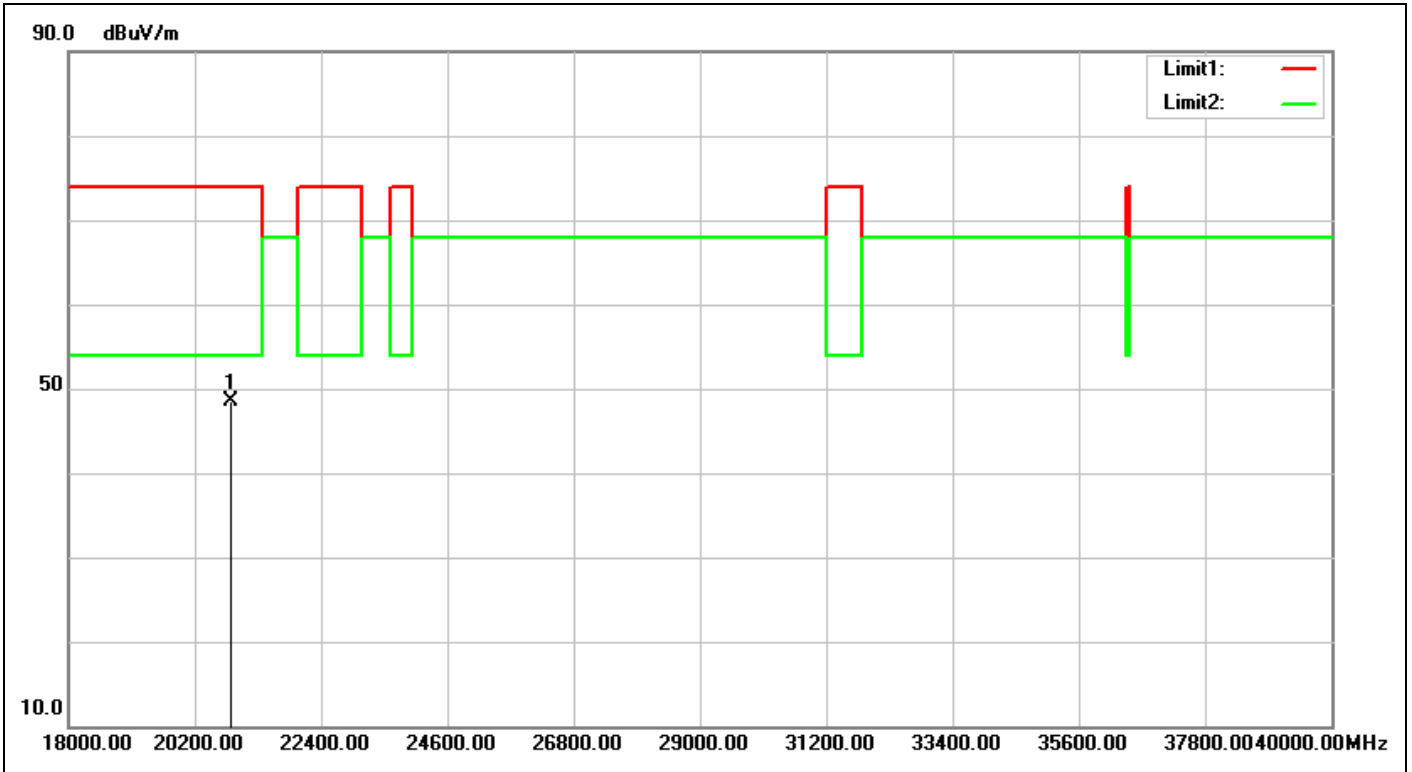
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/20 01:30:33
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5720-TX		
Remark:	Power Setting 1E 1B		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20992.000	32.43	15.75	48.18	74.00	-25.82	peak			



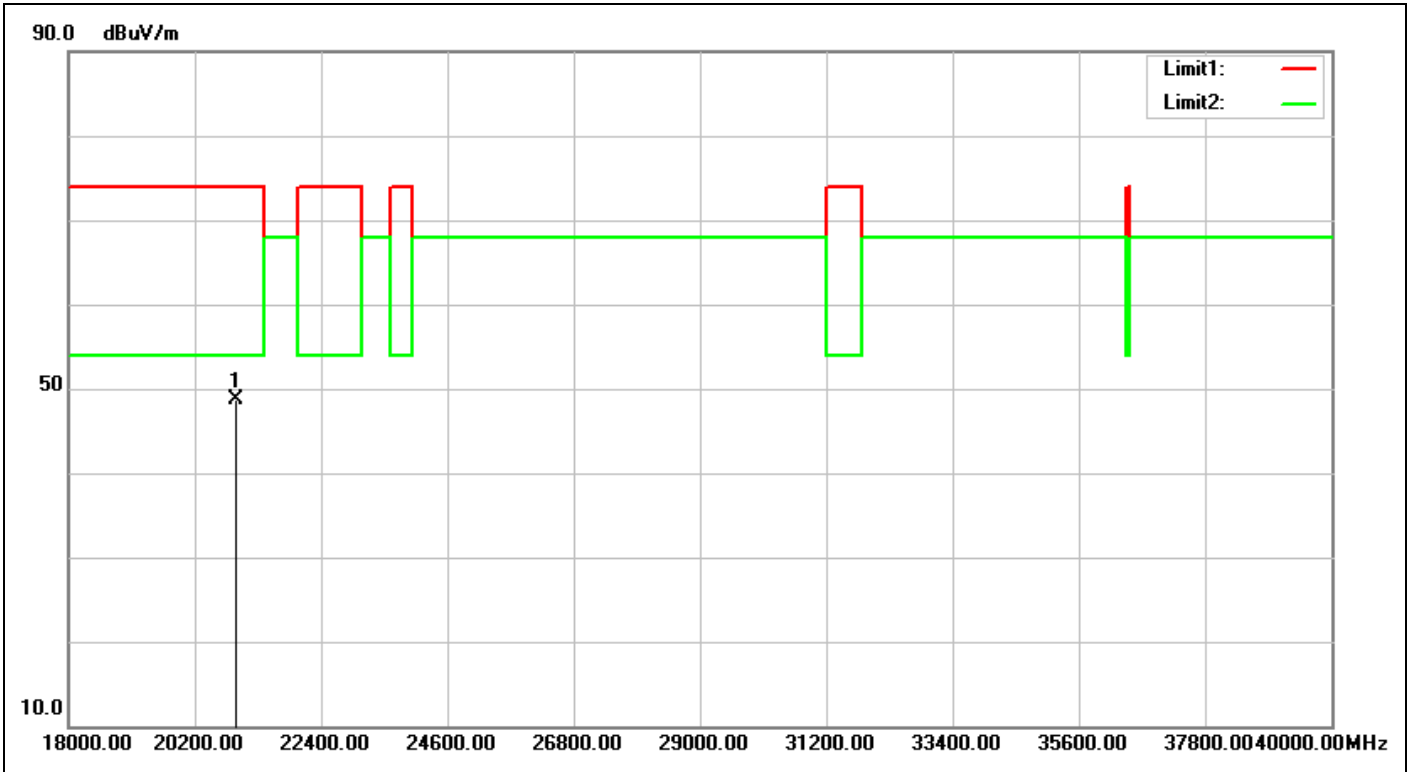
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/20 01:30:40
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5720-TX		
Remark:	Power Setting 1E 1B		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21080.000	32.51	15.69	48.20	74.00	-25.80	peak			



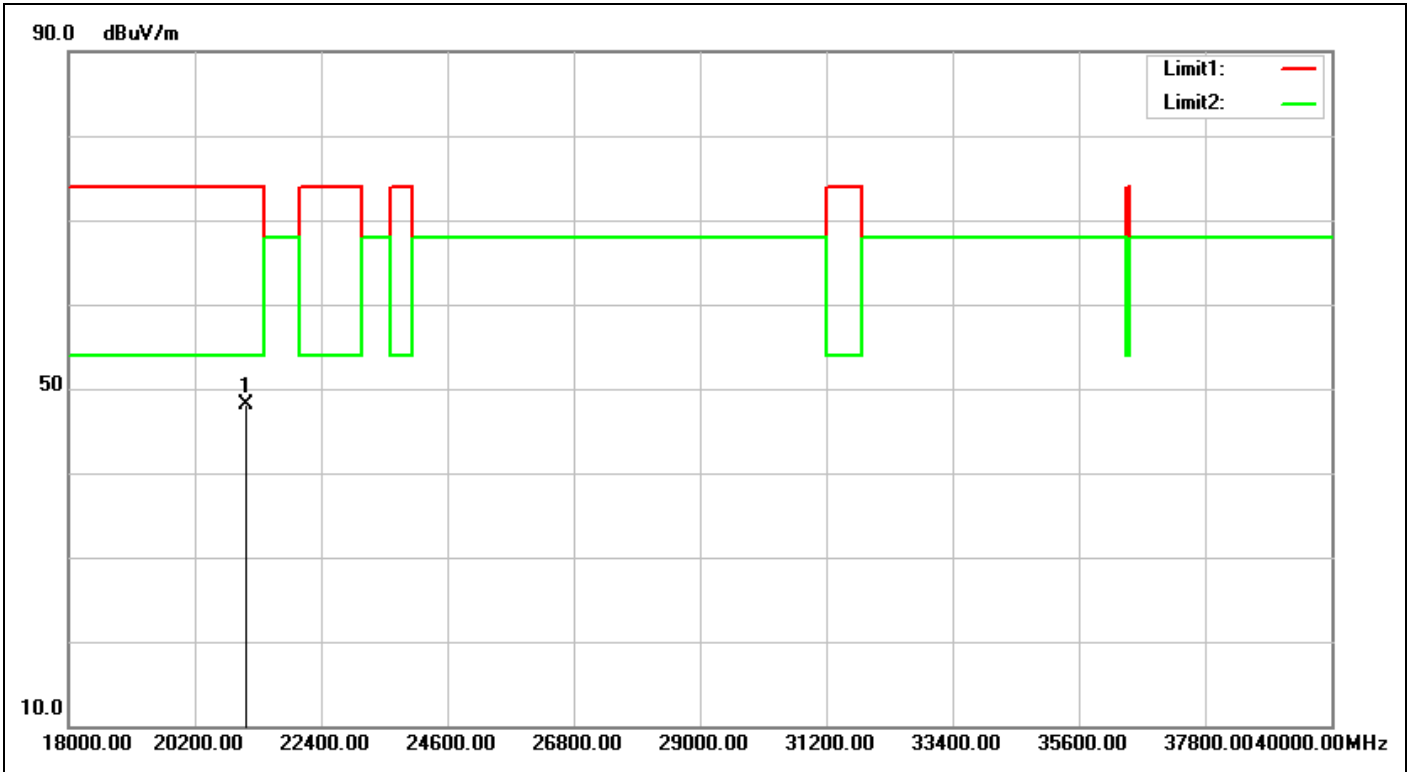
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/20 01:32:46
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5710-TX		
Remark:	Power Setting 1C 1C		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20838.000	32.11	16.31	48.42	74.00	-25.58	peak			



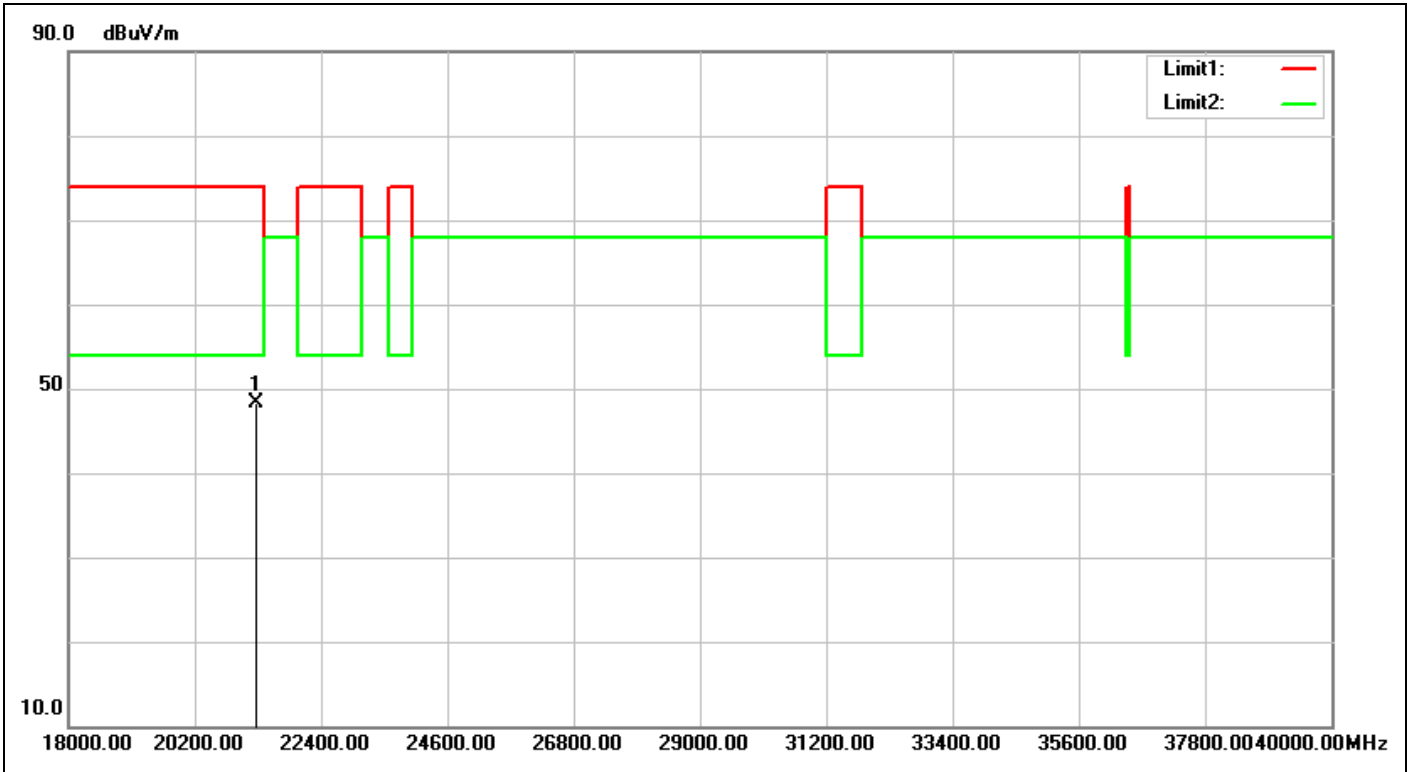
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/20 01:32:53
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A40-5710-TX		
Remark:	Power Setting 1C 1C		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20926.000	32.29	16.45	48.74	74.00	-25.26	peak			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/20 01:33:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5690-TX		
Remark:	Power Setting 1D 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21102.000	32.53	15.49	48.02	74.00	-25.98	peak			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/20 01:33:25
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A80-5690-TX		
Remark:	Power Setting 1D 1A		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21256.000	32.67	15.67	48.34	74.00	-25.66	peak			

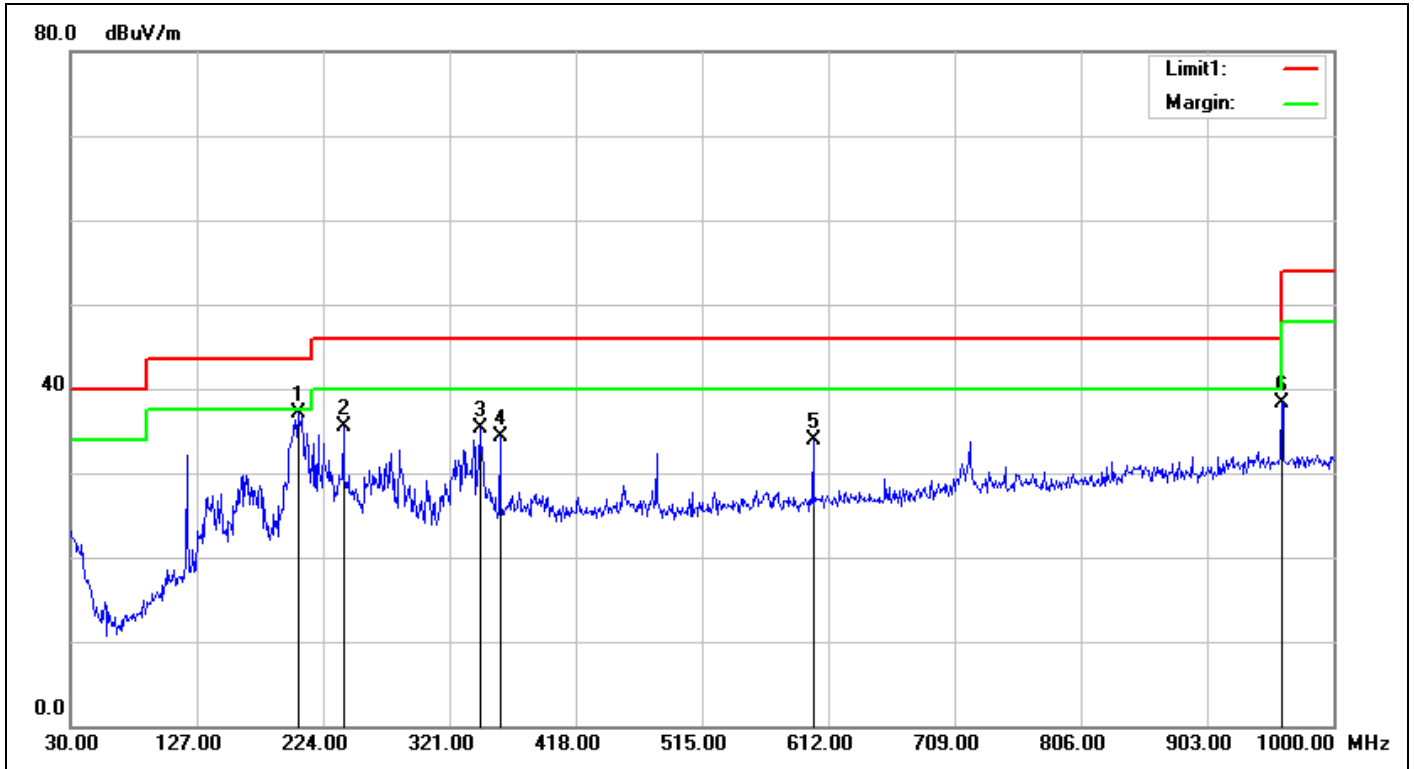
Spurious Emissions, TX Mode, 30M-1G



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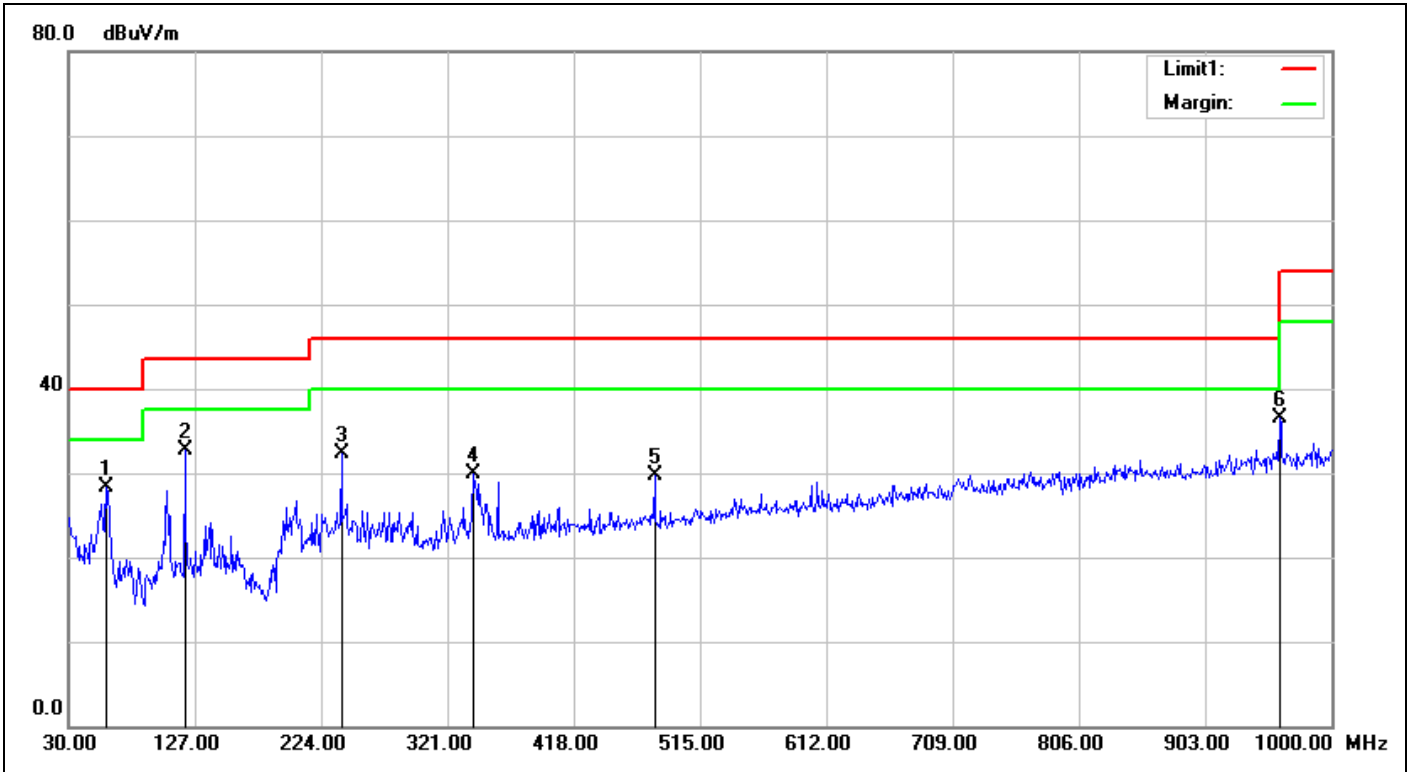
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



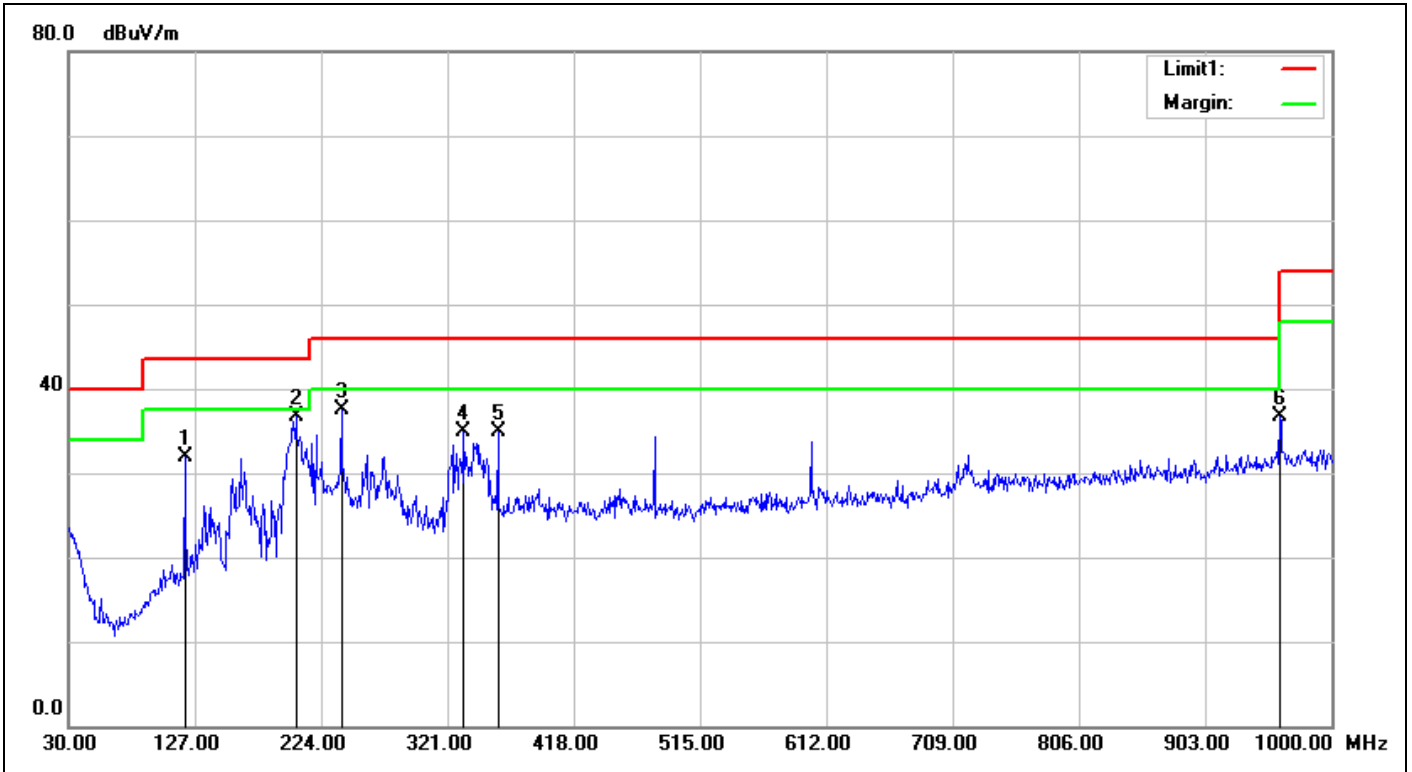
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:59:10
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5200-TX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	204.6000	-8.73	45.90	37.17	43.50	-6.33	QP	100	89	
2	239.5200	-6.85	42.43	35.58	46.00	-10.42	QP	100	99	
3	344.2799	-3.49	38.84	35.35	46.00	-10.65	QP	100	132	
4	359.8000	-3.16	37.49	34.33	46.00	-11.67	QP	100	302	
5	600.3600	0.08	33.90	33.98	46.00	-12.02	QP	100	128	
6	960.2300	5.54	32.79	38.33	54.00	-15.67	QP	100	293	



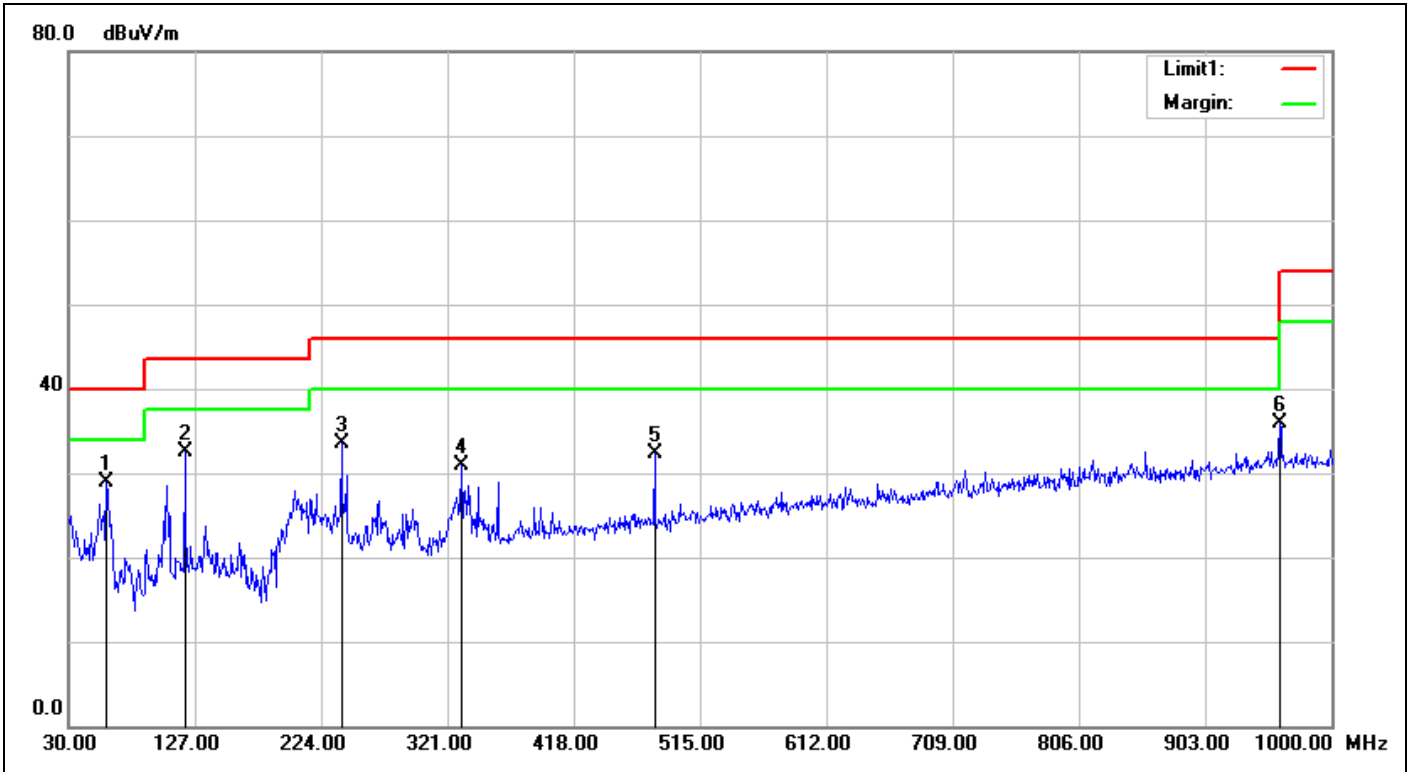
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 01:00:03
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5200-TX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	59.1000	-13.56	41.95	28.39	40.00	-11.61	QP	100	199	
2	119.2400	-7.50	40.28	32.78	43.50	-10.72	QP	100	64	
3	239.5200	-6.85	39.22	32.37	46.00	-13.63	QP	100	176	
4	340.4000	-3.59	33.53	29.94	46.00	-16.06	QP	100	182	
5	480.0800	-1.47	31.25	29.78	46.00	-16.22	QP	100	278	
6	960.2300	5.54	31.00	36.54	54.00	-17.46	QP	100	0	



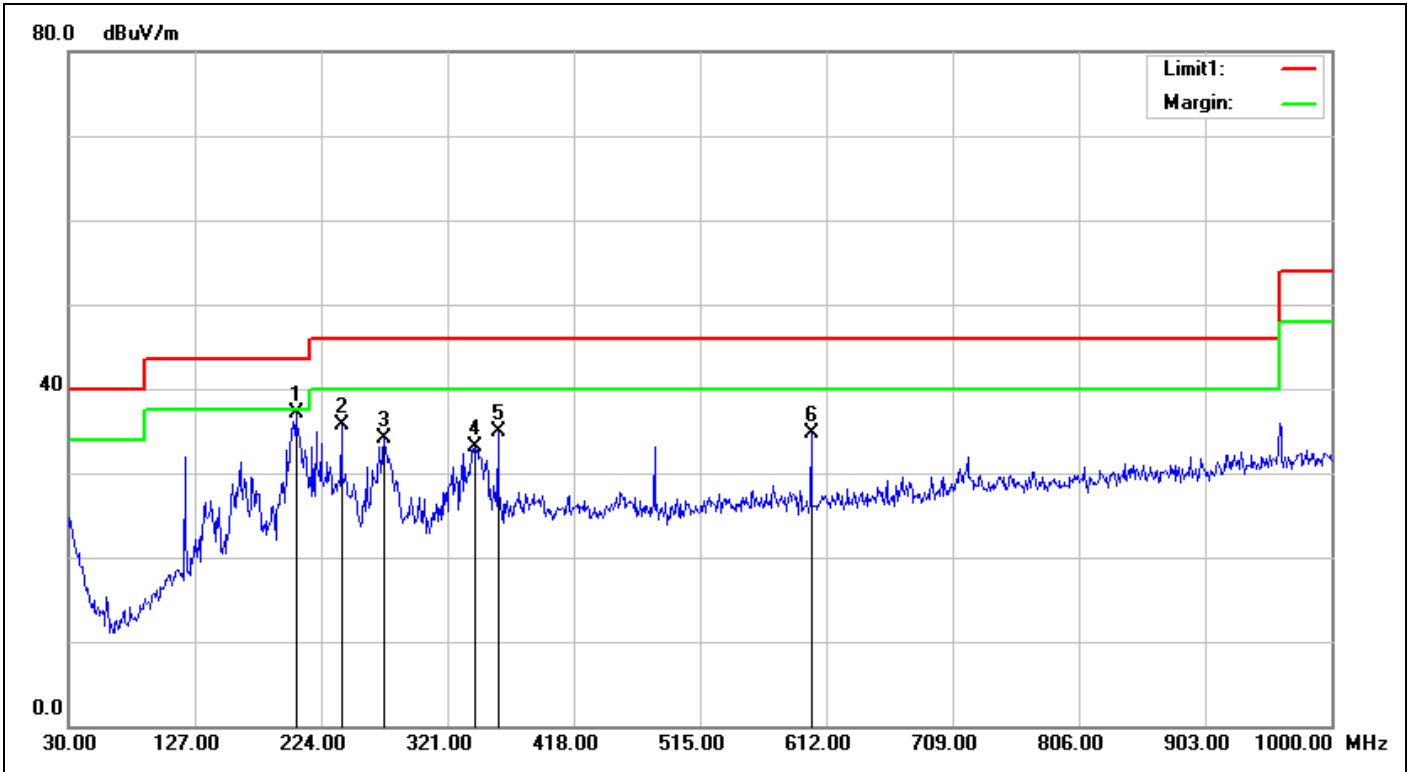
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 01:01:38
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5300-TX		
Remark:	Power Setting 21		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	119.2400	-7.50	39.40	31.90	43.50	-11.60	QP	100	101	
2	204.6000	-8.73	45.42	36.69	43.50	-6.81	QP	100	115	
3	239.5200	-6.85	44.27	37.42	46.00	-8.58	QP	100	105	
4	333.6100	-3.74	38.74	35.00	46.00	-11.00	QP	100	233	
5	359.8000	-3.16	38.09	34.93	46.00	-11.07	QP	100	302	
6	960.2300	5.54	31.22	36.76	54.00	-17.24	QP	100	69	



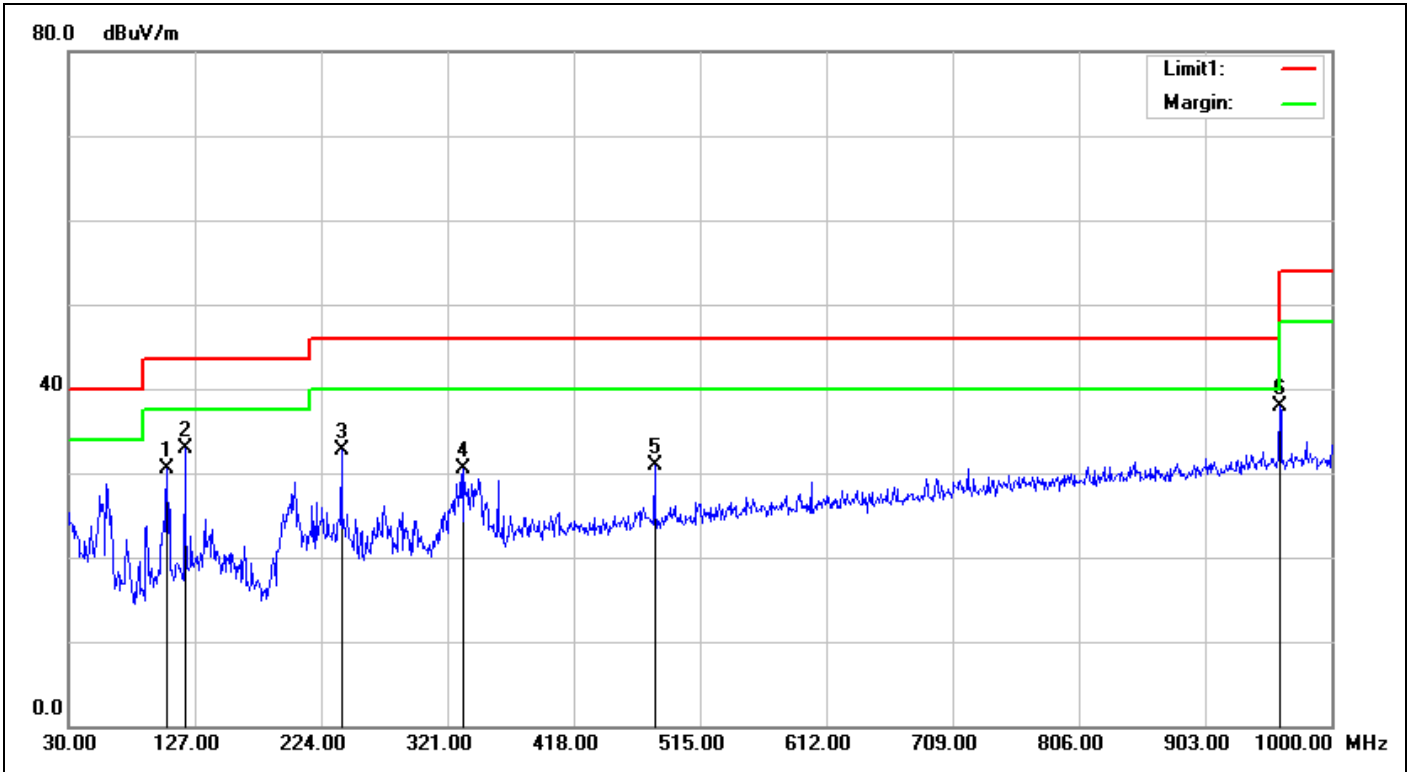
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 01:02:31
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5300-TX		
Remark:	Power Setting 21		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	59.1000	-13.56	42.51	28.95	40.00	-11.05	QP	100	183	
2	119.2400	-7.50	39.99	32.49	43.50	-11.01	QP	100	58	
3	239.5200	-6.85	40.28	33.43	46.00	-12.57	QP	100	180	
4	331.6700	-3.79	34.64	30.85	46.00	-15.15	QP	100	213	
5	480.0800	-1.47	33.80	32.33	46.00	-13.67	QP	100	229	
6	960.2300	5.54	30.43	35.97	54.00	-18.03	QP	100	163	



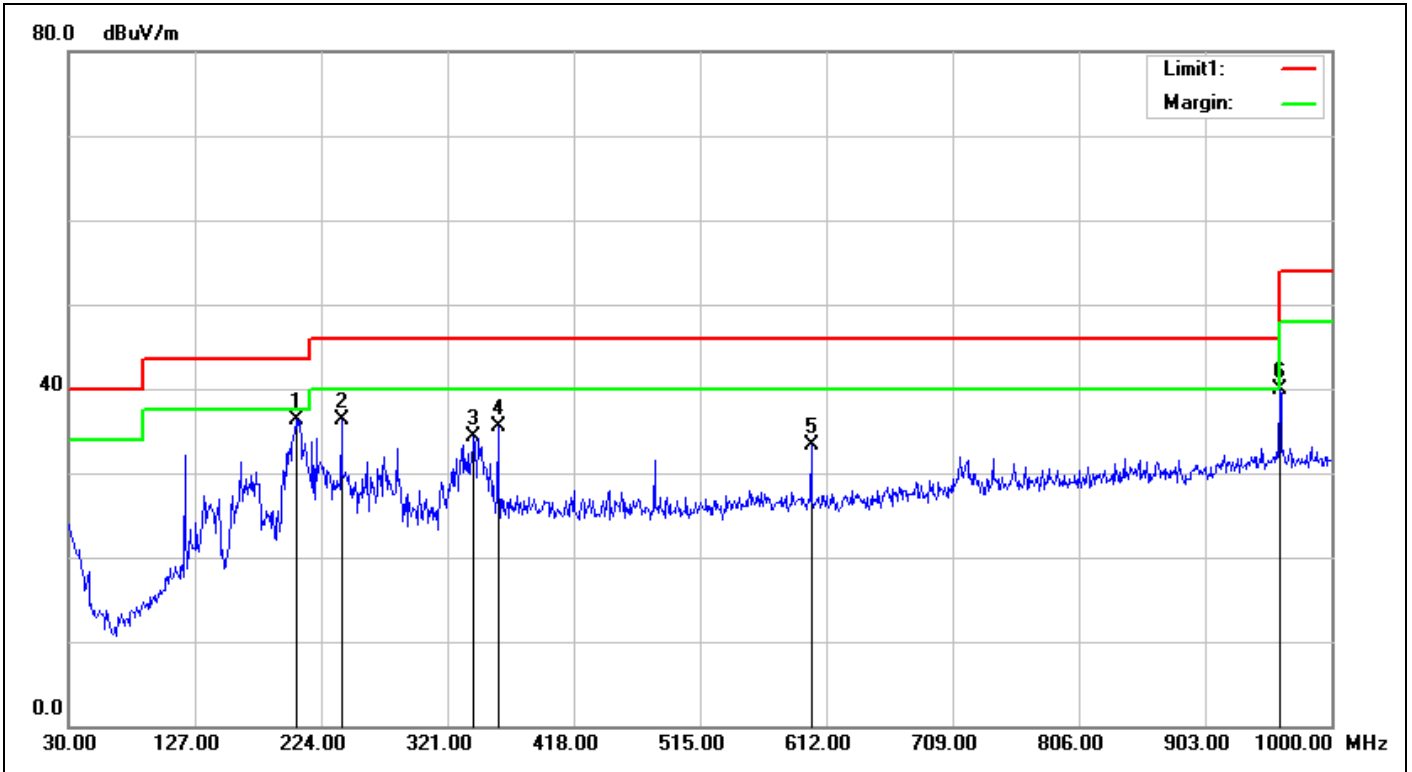
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 01:04:20
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5560-TX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	204.6000	-8.73	45.93	37.20	43.50	-6.30	QP	100	78	
2	239.5200	-6.85	42.61	35.76	46.00	-10.24	QP	100	128	
3	272.5000	-5.33	39.46	34.13	46.00	-11.87	QP	100	115	
4	342.3399	-3.53	36.66	33.13	46.00	-12.87	QP	100	121	
5	359.8000	-3.16	38.01	34.85	46.00	-11.15	QP	100	299	
6	600.3600	0.08	34.69	34.77	46.00	-11.23	QP	100	144	



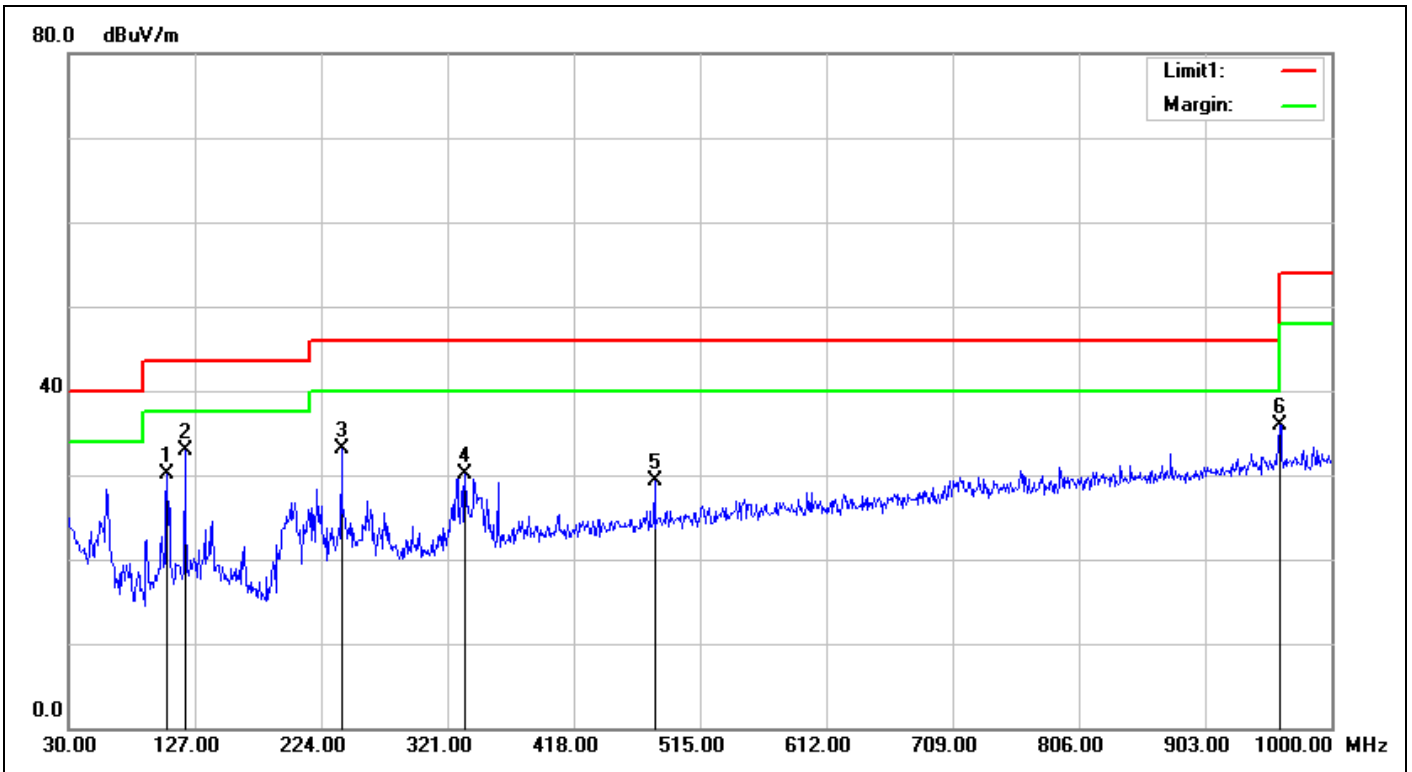
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 01:05:13
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5560-TX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	105.6600	-8.77	39.22	30.45	43.50	-13.05	QP	100	88	
2	119.2400	-7.50	40.31	32.81	43.50	-10.69	QP	100	42	
3	239.5200	-6.85	39.48	32.63	46.00	-13.37	QP	100	190	
4	333.6100	-3.74	34.33	30.59	46.00	-15.41	QP	100	173	
5	480.0800	-1.47	32.33	30.86	46.00	-15.14	QP	100	108	
6	960.2300	5.54	32.31	37.85	54.00	-16.15	QP	100	360	



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 01:06:44
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5785-TX		
Remark:	Power Setting 25		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	204.6000	-8.73	45.04	36.31	43.50	-7.19	QP	100	92	
2	239.5200	-6.85	43.25	36.40	46.00	-9.60	QP	100	72	
3	341.3700	-3.55	37.83	34.28	46.00	-11.72	QP	100	322	
4	359.8000	-3.16	38.70	35.54	46.00	-10.46	QP	100	299	
5	600.3600	0.08	33.28	33.36	46.00	-12.64	QP	100	144	
6	960.2300	5.54	34.41	39.95	54.00	-14.05	QP	100	285	



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 01:07:37
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5785-TX		
Remark:	Power Setting 25		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	105.6600	-8.77	38.88	30.11	43.50	-13.39	QP	100	127	
2	119.2400	-7.50	40.42	32.92	43.50	-10.58	QP	100	45	
3	239.5200	-6.85	40.04	33.19	46.00	-12.81	QP	100	180	
4	334.5800	-3.72	33.91	30.19	46.00	-15.81	QP	100	180	
5	480.0800	-1.47	30.69	29.22	46.00	-16.78	QP	100	243	
6	960.2300	5.54	30.34	35.88	54.00	-18.12	QP	100	360	

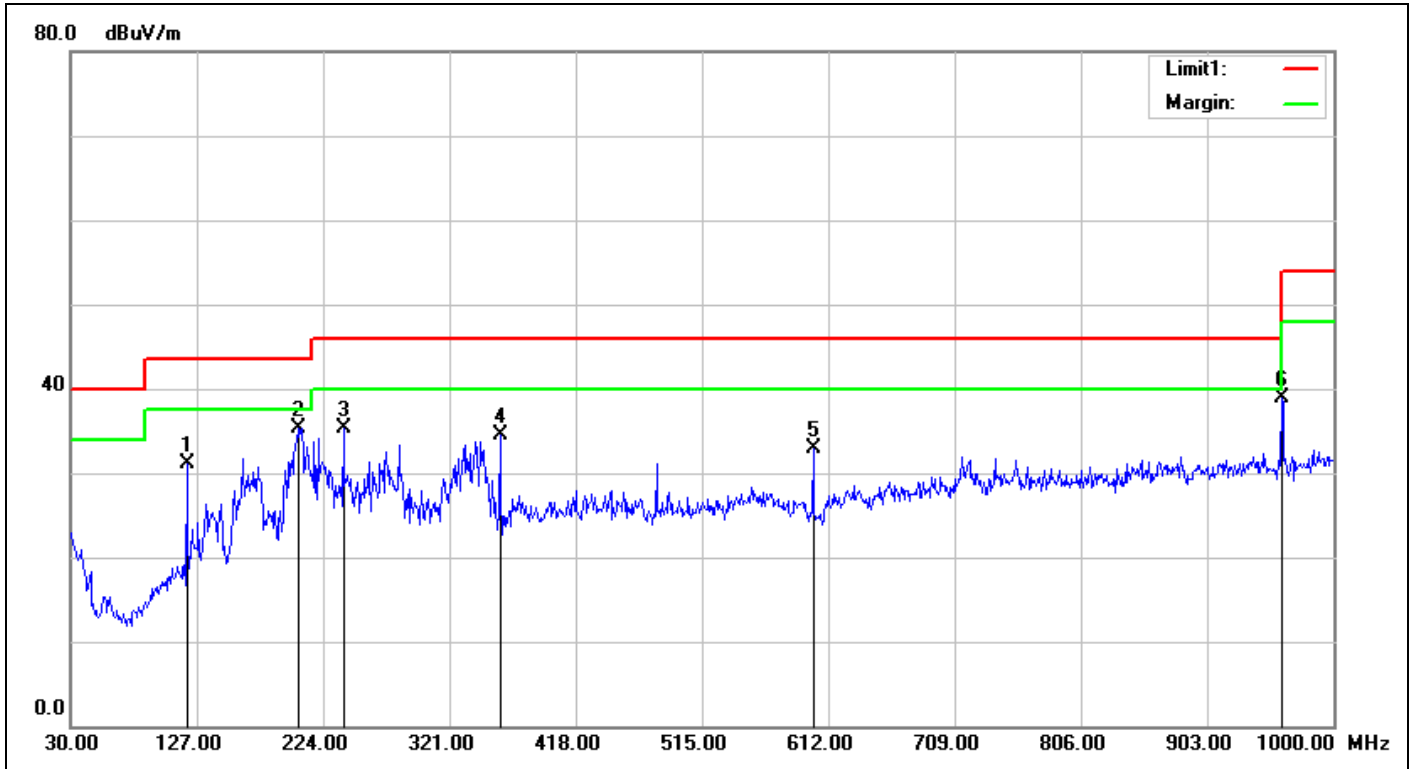
Spurious Emissions, TX Mode, 30M-1G, Straddle Channel



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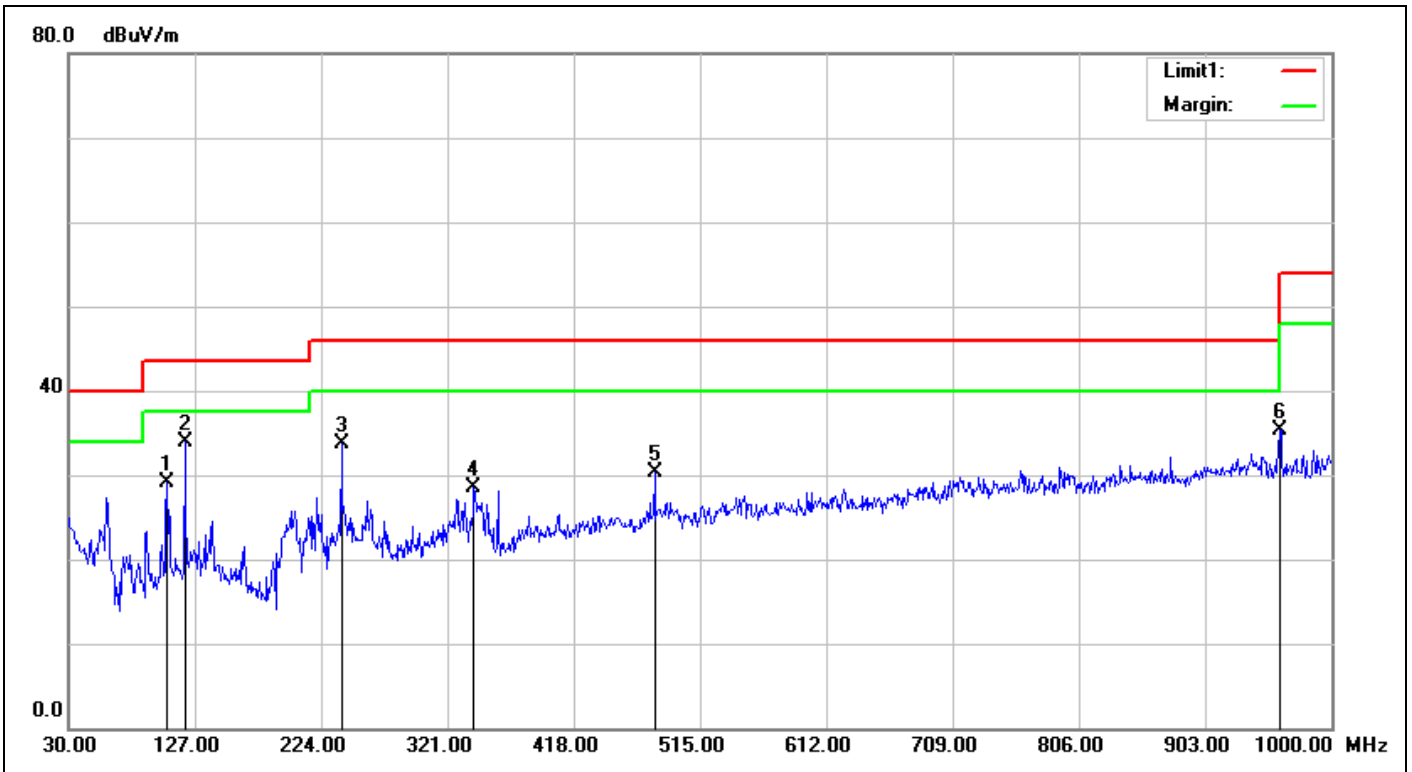
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/20 00:13:35
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5720-TX		
Remark:	Power Setting 27 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	119.2400	-7.50	38.65	31.15	43.50	-12.35	QP	100	250	
2	204.6000	-8.73	44.04	35.31	43.50	-8.19	QP	100	222	
3	239.5200	-6.85	42.25	35.40	46.00	-10.60	QP	100	98	
4	359.8000	-3.16	37.70	34.54	46.00	-11.46	QP	100	56	
5	600.3600	0.08	32.78	32.86	46.00	-13.14	QP	100	180	
6	960.2300	5.54	33.41	38.95	54.00	-15.05	QP	100	210	



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/20 00:15:30
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5720-TX		
Remark:	Power Setting 27 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	105.6600	-8.77	37.88	29.11	43.50	-14.39	QP	100	100	
2	119.2400	-7.50	41.42	33.92	43.50	-9.58	QP	100	44	
3	239.5200	-6.85	40.54	33.69	46.00	-12.31	QP	100	180	
4	341.3700	-3.55	31.96	28.41	46.00	-17.59	QP	100	170	
5	480.0800	-1.47	31.69	30.22	46.00	-15.78	QP	100	200	
6	960.2300	5.54	29.84	35.38	54.00	-18.62	QP	100	356	

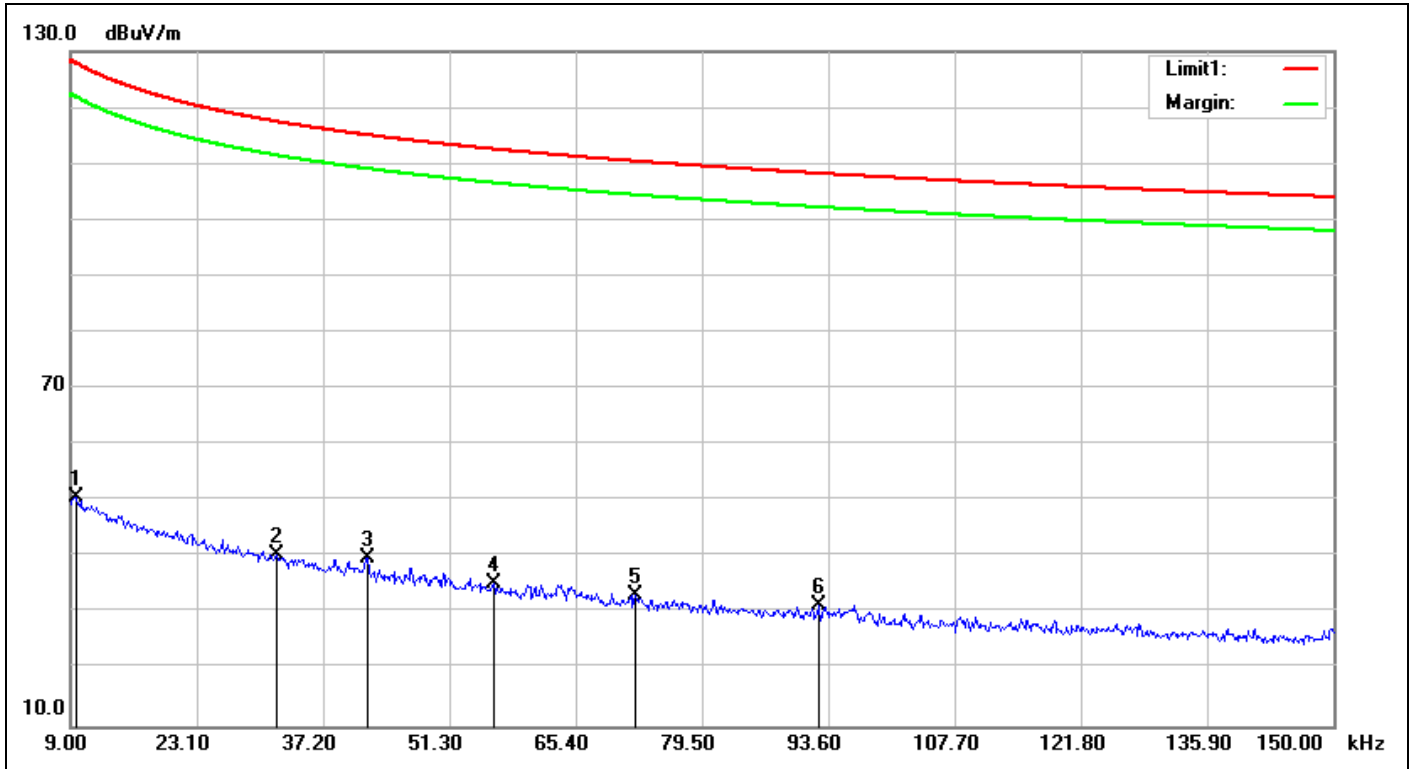
Spurious Emissions, TX Mode, 9K-30M



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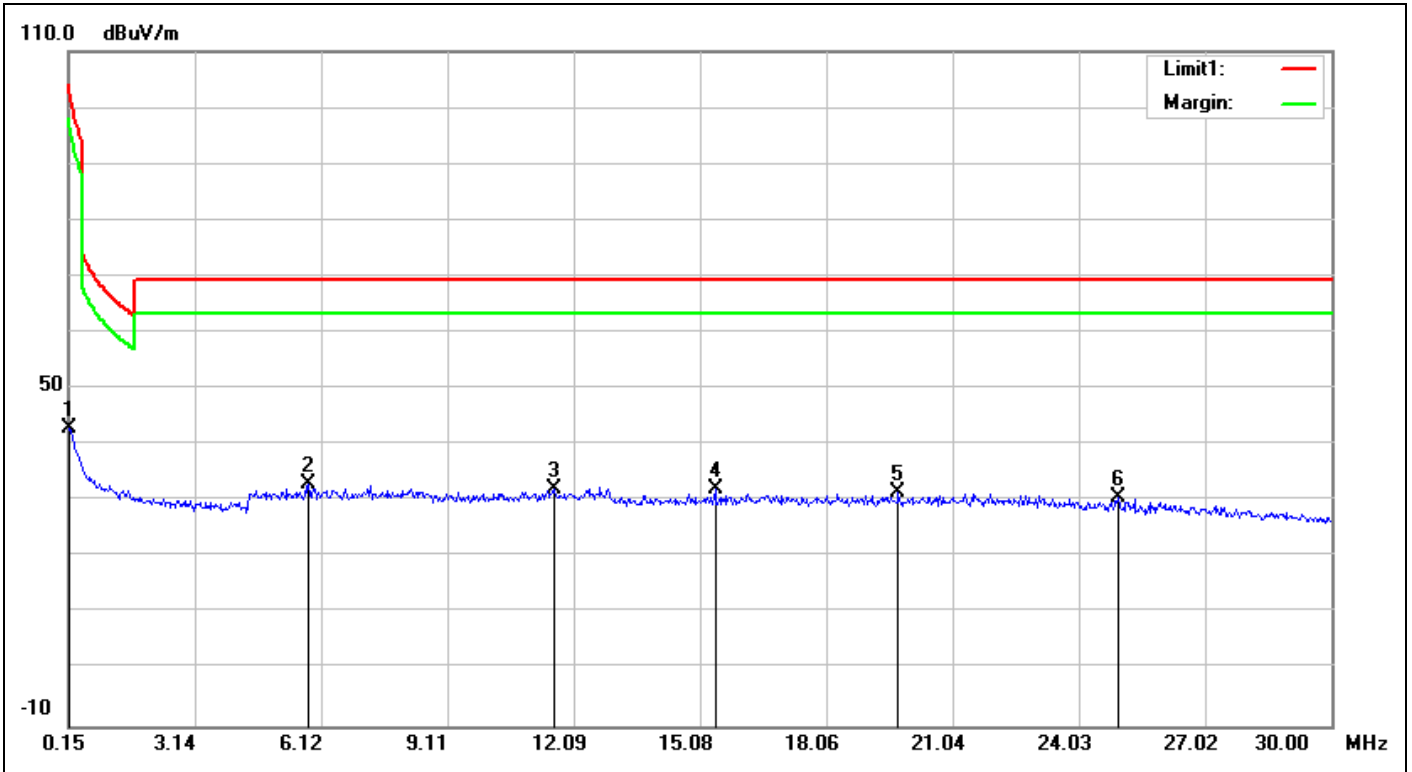
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



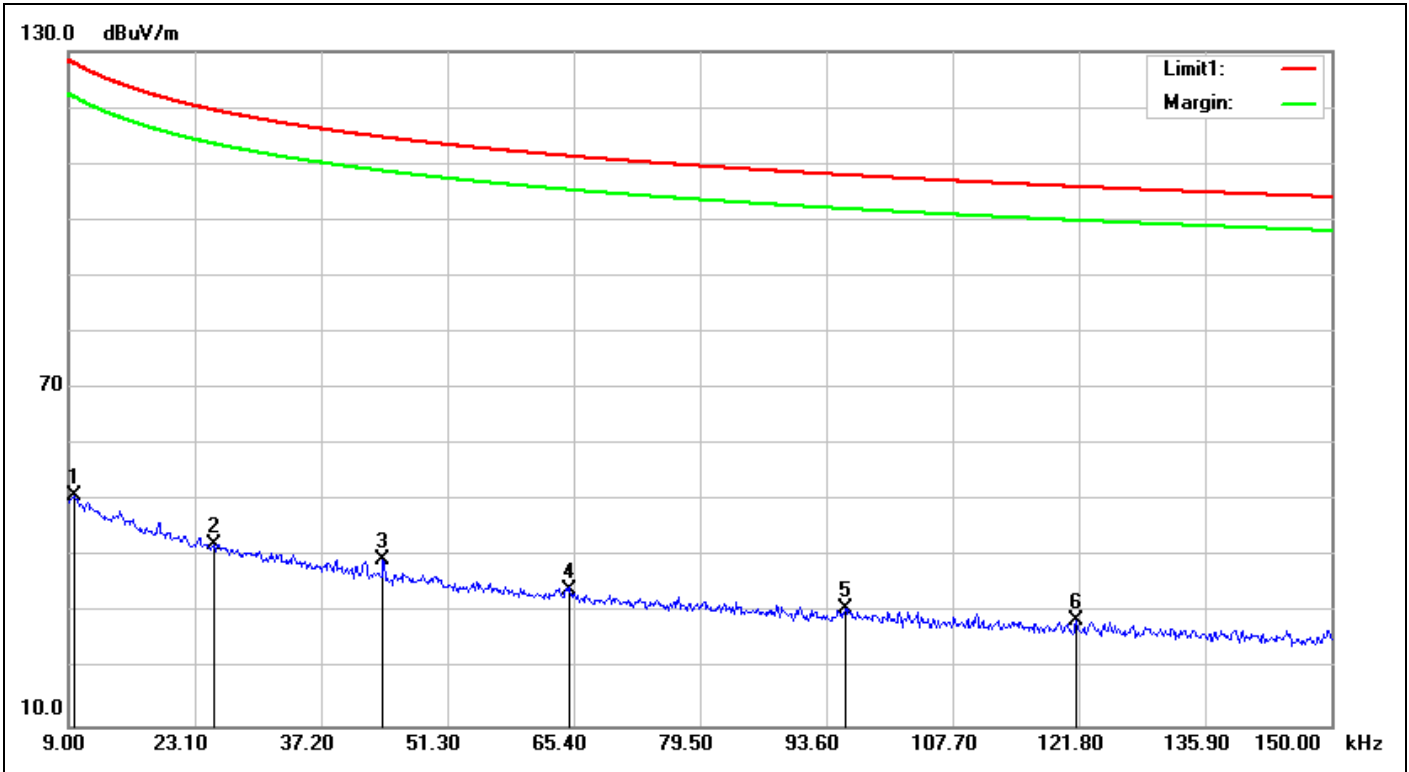
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:25:25
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5200-TX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0095	19.73	31.03	50.76	128.03	-77.27	QP	100	121	
2	0.0319	20.06	20.29	40.35	117.52	-77.17	QP	100	289	
3	0.0421	19.71	20.25	39.96	115.11	-75.15	QP	100	121	
4	0.0562	19.39	15.89	35.28	112.60	-77.32	QP	100	16	
5	0.0720	19.30	13.84	33.14	110.45	-77.31	QP	100	318	
6	0.0924	19.18	12.28	31.46	108.28	-76.82	QP	100	359	



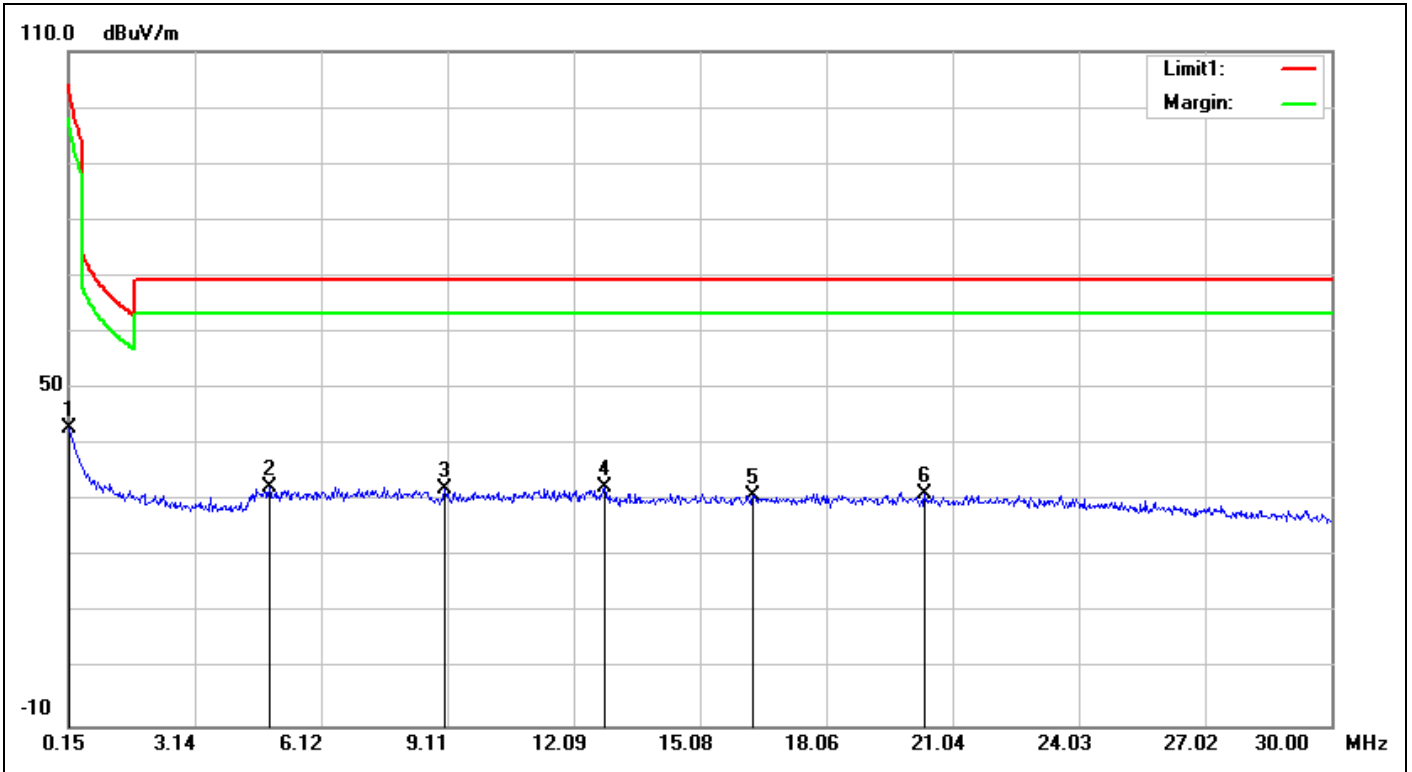
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:37:47
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5200-TX		
Remark:	Power Setting 22		

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	23.85	42.93	104.08	-61.15	QP	100	269	
2	5.8215	19.84	13.25	33.09	69.50	-36.41	QP	100	26	
3	11.6123	20.50	11.66	32.16	69.50	-37.34	QP	100	348	
4	15.4332	21.18	10.93	32.11	69.50	-37.39	QP	100	236	
5	19.7614	21.94	9.62	31.56	69.50	-37.94	QP	100	171	
6	24.9553	22.32	8.19	30.51	69.50	-38.99	QP	100	167	



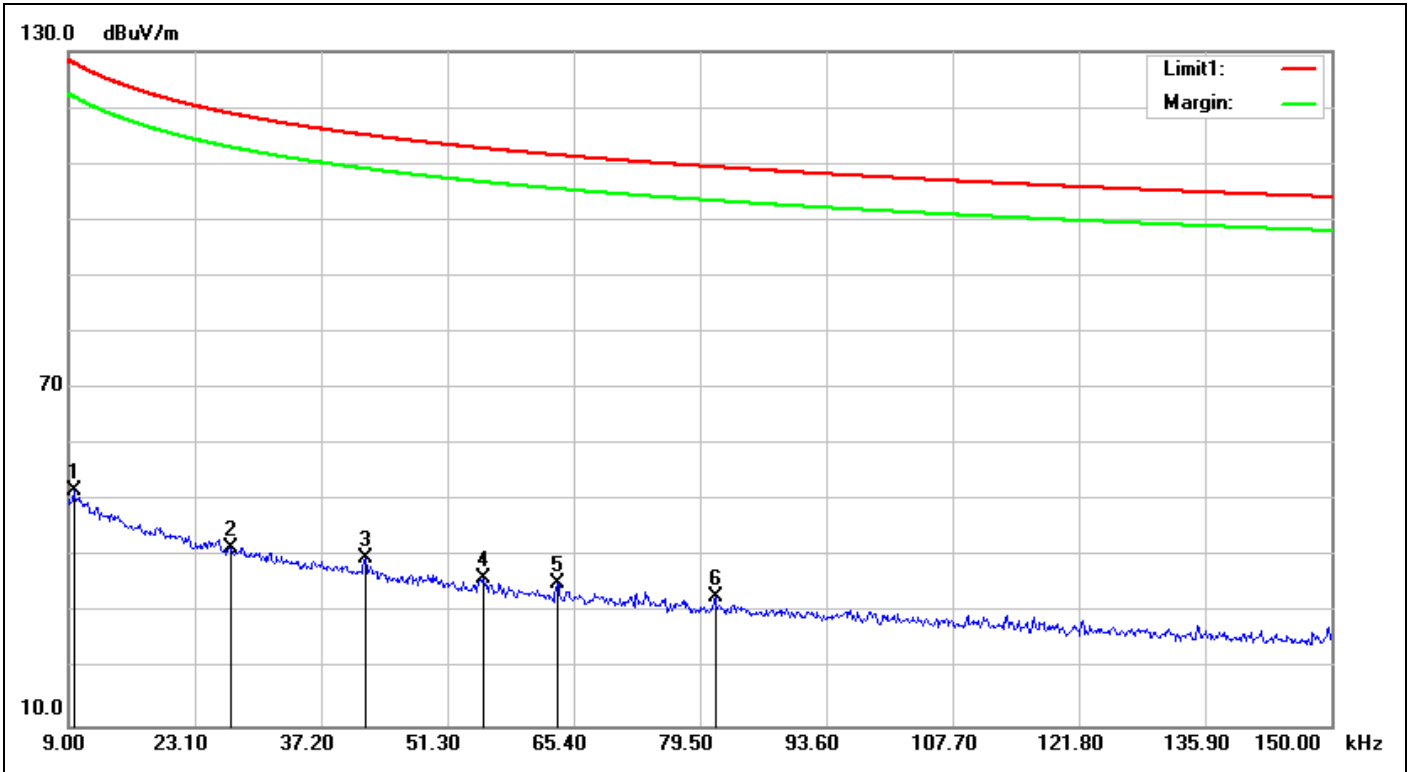
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:27:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5300-TX		
Remark:	Power Setting 21		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0095	19.73	31.22	50.95	128.03	-77.08	QP	100	214	
2	0.0252	20.08	22.28	42.36	119.56	-77.20	QP	100	296	
3	0.0441	19.64	19.78	39.42	114.70	-75.28	QP	100	296	
4	0.0649	19.34	14.79	34.13	111.35	-77.22	QP	100	191	
5	0.0957	19.16	11.79	30.95	107.98	-77.03	QP	100	112	
6	0.1215	19.11	9.58	28.69	105.91	-77.22	QP	100	328	



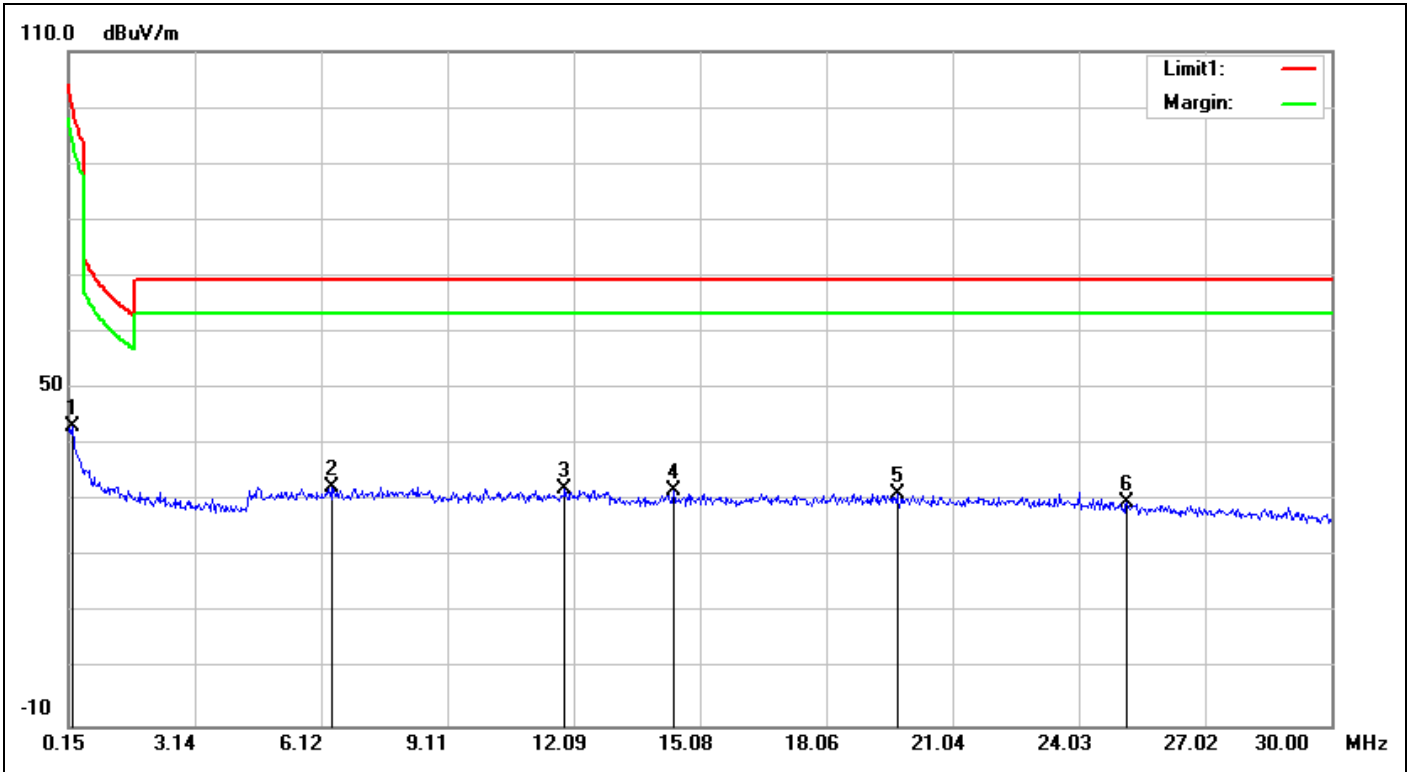
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:40:07
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5300-TX		
Remark:	Power Setting 21		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1798	19.06	23.81	42.87	102.50	-59.63	QP	100	1	
2	4.8961	19.70	12.75	32.45	69.50	-37.05	QP	100	177	
3	9.0452	20.13	11.97	32.10	69.50	-37.40	QP	100	101	
4	12.8064	20.72	11.87	32.59	69.50	-36.91	QP	100	101	
5	16.3287	21.34	9.71	31.05	69.50	-38.45	QP	100	45	
6	20.3883	22.01	9.24	31.25	69.50	-38.25	QP	100	296	



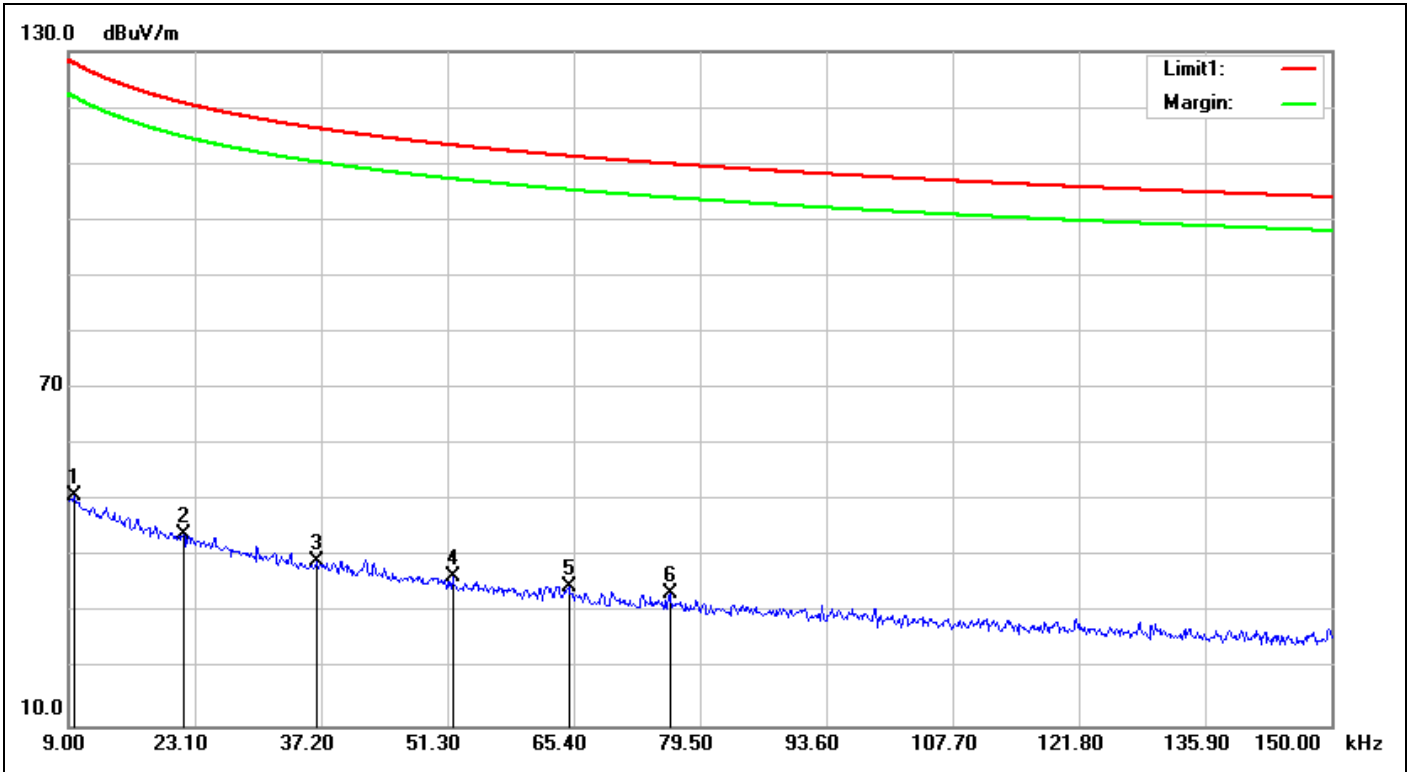
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:30:21
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5560-TX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0095	19.73	32.08	51.81	128.03	-76.22	QP	100	266	
2	0.0270	20.10	21.61	41.71	118.96	-77.25	QP	100	200	
3	0.0421	19.71	20.10	39.81	115.11	-75.30	QP	100	240	
4	0.0552	19.40	16.75	36.15	112.75	-76.60	QP	100	36	
5	0.0635	19.35	16.13	35.48	111.54	-76.06	QP	100	351	
6	0.0811	19.24	13.68	32.92	109.41	-76.49	QP	100	78	



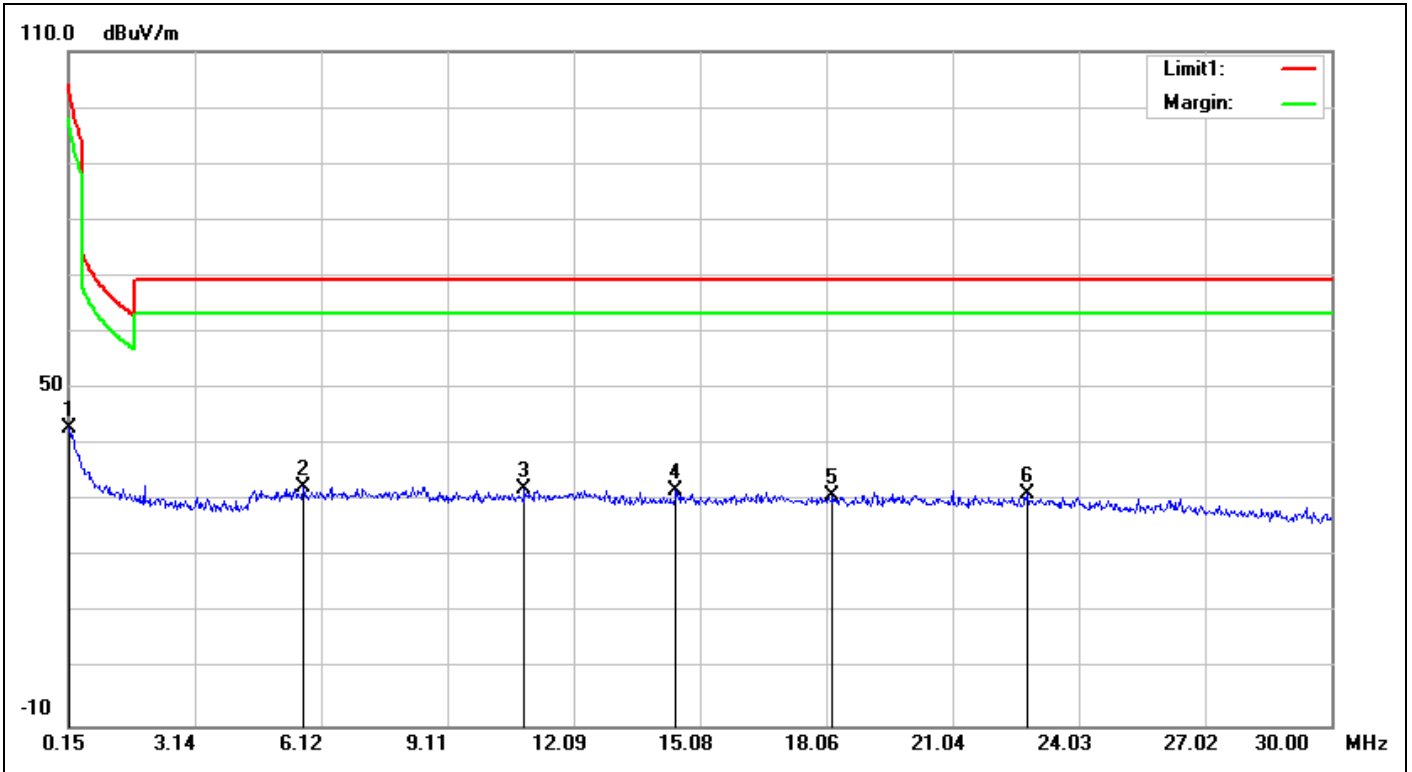
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:42:37
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5560-TX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.2395	19.00	24.30	43.30	100.01	-56.71	QP	100	305	
2	6.3587	19.89	12.68	32.57	69.50	-36.93	QP	100	131	
3	11.8810	20.55	11.64	32.19	69.50	-37.31	QP	100	295	
4	14.4481	21.01	10.70	31.71	69.50	-37.79	QP	100	213	
5	19.7316	21.93	9.26	31.19	69.50	-38.31	QP	100	359	
6	25.1643	22.33	7.50	29.83	69.50	-39.67	QP	100	78	



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:32:51
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5785-TX		
Remark:	Power Setting 25		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0095	19.73	31.08	50.81	128.03	-77.22	QP	100	36	
2	0.0218	20.05	24.00	44.05	120.82	-76.77	QP	100	345	
3	0.0367	19.90	19.44	39.34	116.30	-76.96	QP	100	357	
4	0.0518	19.42	17.08	36.50	113.31	-76.81	QP	100	190	
5	0.0648	19.34	15.46	34.80	111.36	-76.56	QP	100	357	
6	0.0761	19.27	14.31	33.58	109.97	-76.39	QP	100	0	



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:44:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5785-TX		
Remark:	Power Setting 25		

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	24.01	43.09	104.08	-60.99	QP	100	161	
2	5.7021	19.83	12.62	32.45	69.50	-37.05	QP	100	19	
3	10.9258	20.39	11.63	32.02	69.50	-37.48	QP	100	167	
4	14.5078	21.02	10.71	31.73	69.50	-37.77	QP	100	82	
5	18.2092	21.67	9.22	30.89	69.50	-38.61	QP	100	210	
6	22.8061	22.17	9.08	31.25	69.50	-38.25	QP	100	167	

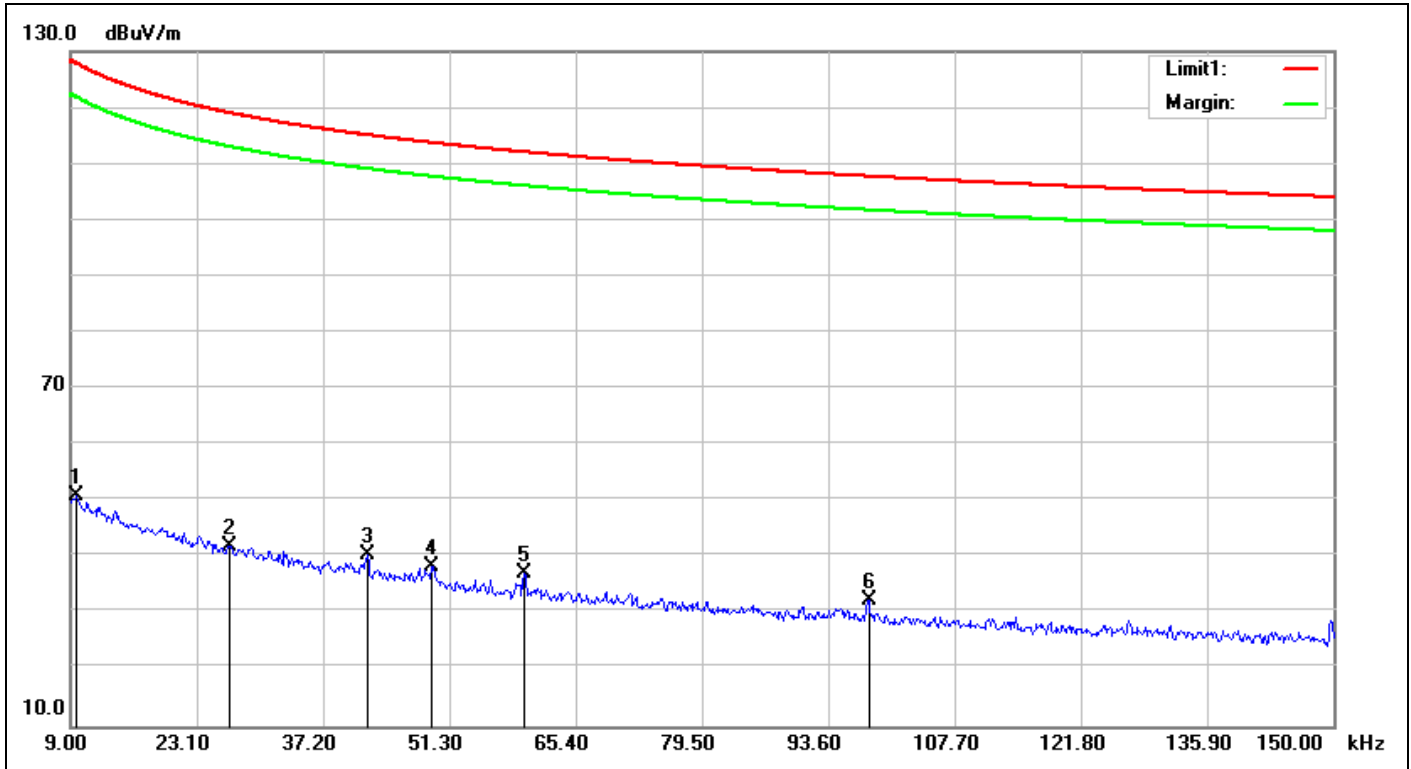
Spurious Emissions, TX Mode, 9K-30M, Straddle Channel



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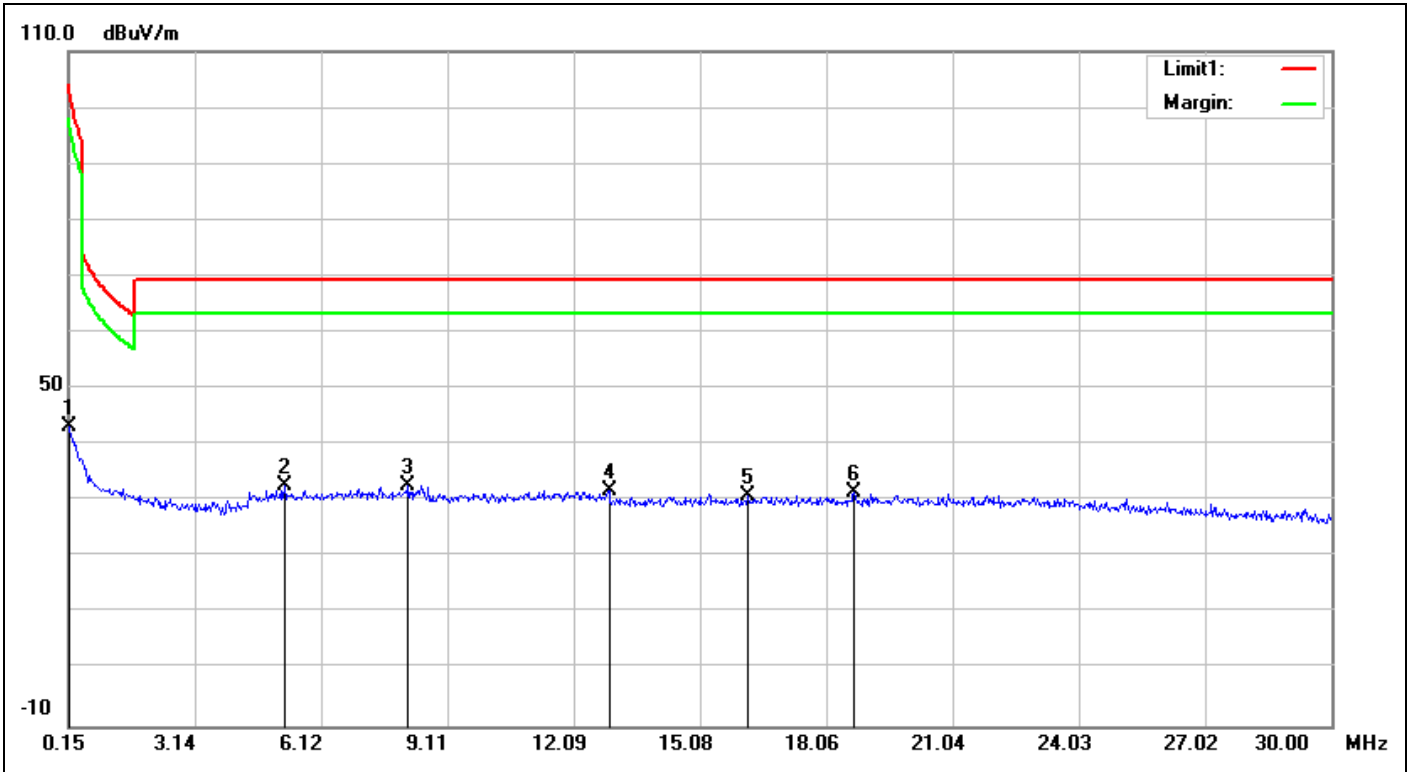
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Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/20 00:38:44
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5720-TX		
Remark:	Power Setting 27 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0097	19.81	31.29	51.10	127.85	-76.75	QP	100	0	
2	0.0267	20.10	21.95	42.05	119.06	-77.01	QP	100	125	
3	0.0421	19.71	20.82	40.53	115.11	-74.58	QP	100	62	
4	0.0493	19.45	19.03	38.48	113.74	-75.26	QP	100	339	
5	0.0596	19.37	17.76	37.13	112.09	-74.96	QP	100	151	
6	0.0981	19.14	13.34	32.48	107.76	-75.28	QP	100	108	



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/20 00:41:38
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5720-TX		
Remark:	Power Setting 27 23		

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	24.29	43.37	104.08	-60.71	QP	100	102	
2	5.2543	19.78	12.96	32.74	69.50	-36.76	QP	100	148	
3	8.1796	20.05	12.79	32.84	69.50	-36.66	QP	100	293	
4	12.9258	20.74	11.08	31.82	69.50	-37.68	QP	100	277	
5	16.2093	21.32	9.65	30.97	69.50	-38.53	QP	100	221	
6	18.7167	21.76	9.78	31.54	69.50	-37.96	QP	100	227	

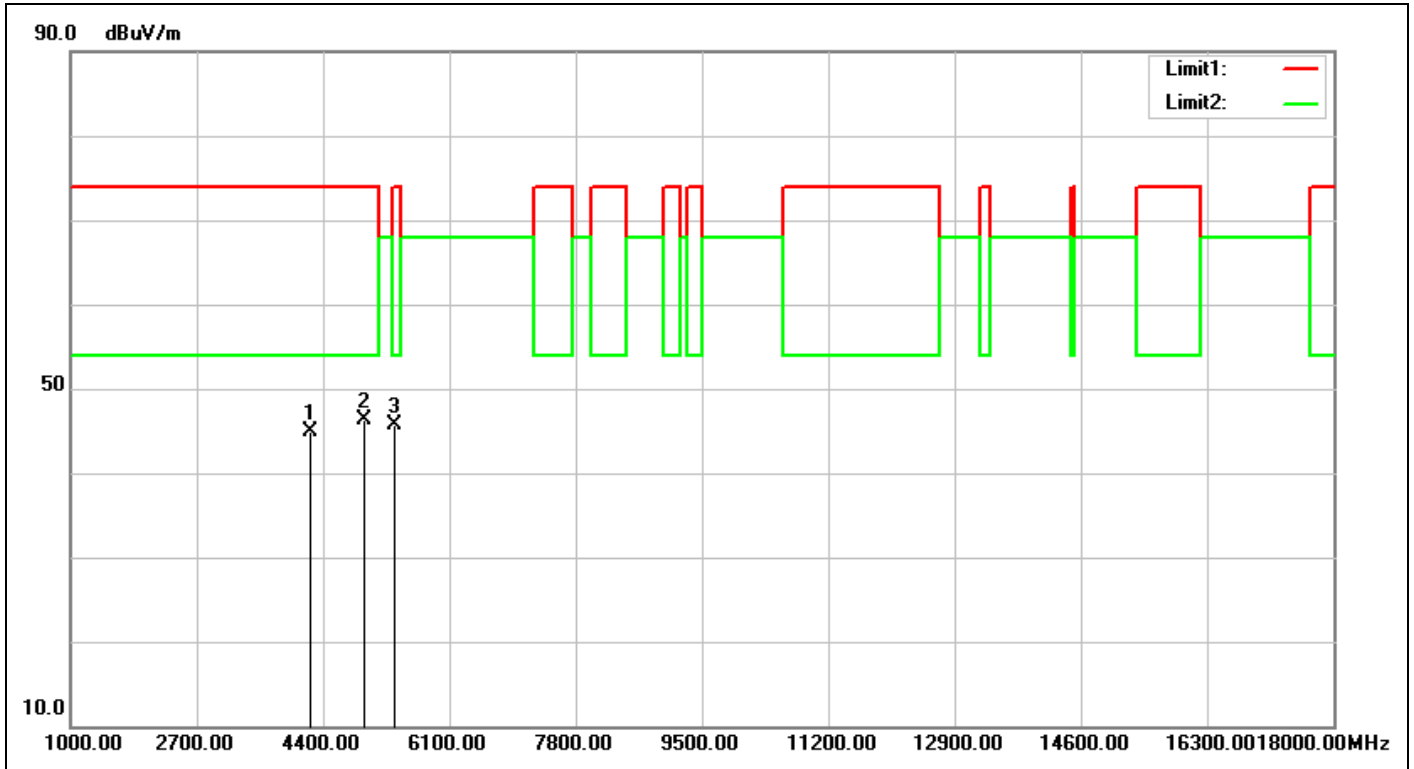
Spurious Emissions, RX Mode, 1G-18G



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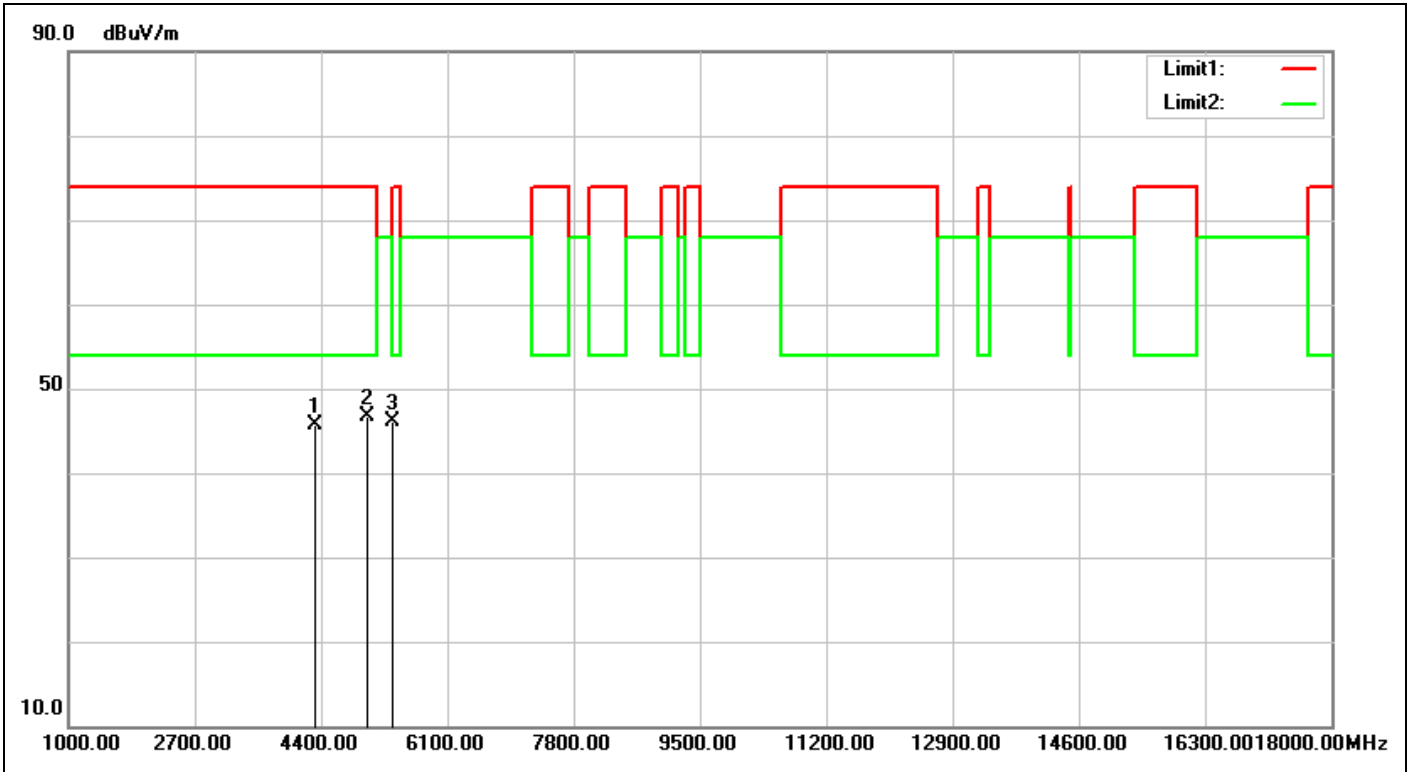
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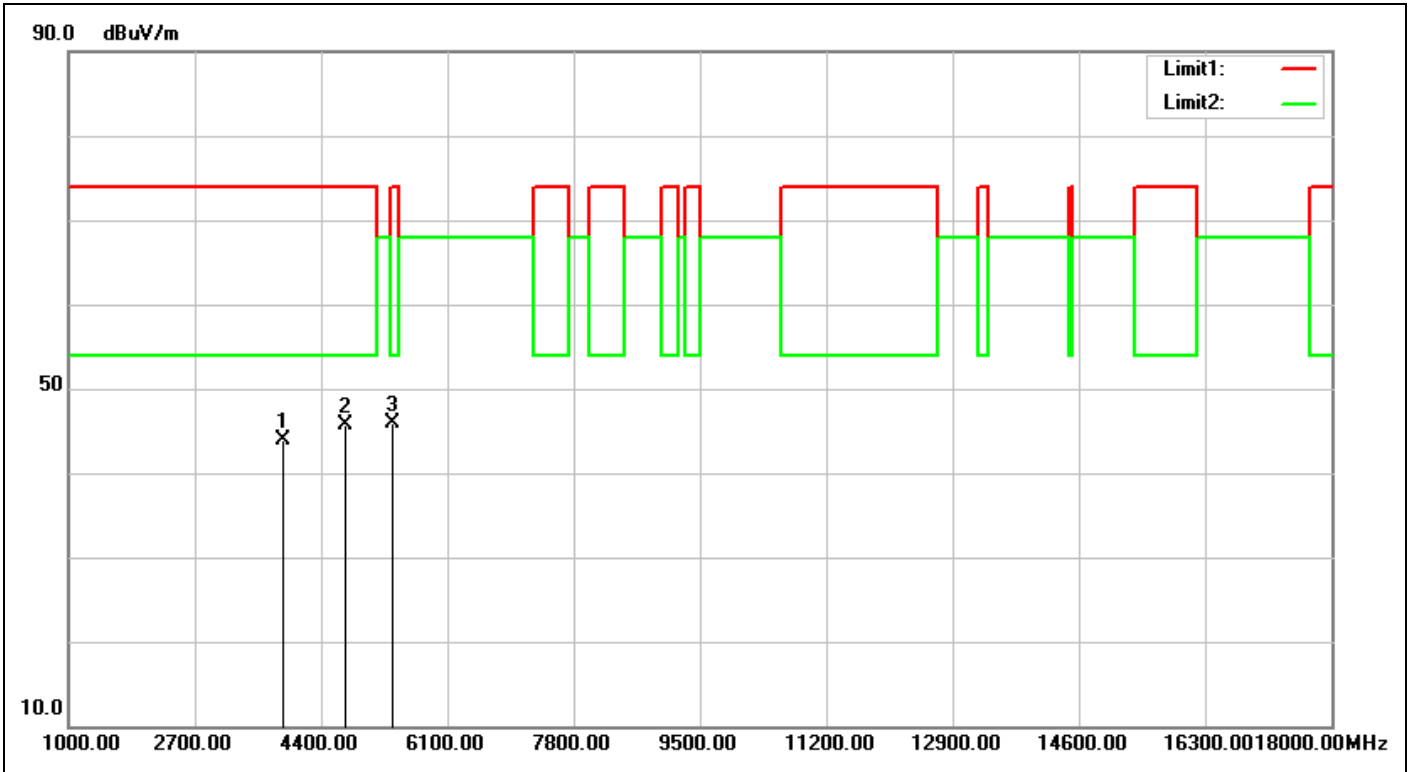
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:36:42
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5200-RX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4230.000	-5.02	49.83	44.81	74.00	-29.19	peak	100	215	
2	4944.000	-3.29	49.51	46.22	74.00	-27.78	peak	100	143	
3	5369.000	-1.46	47.18	45.72	74.00	-28.28	peak	100	300	



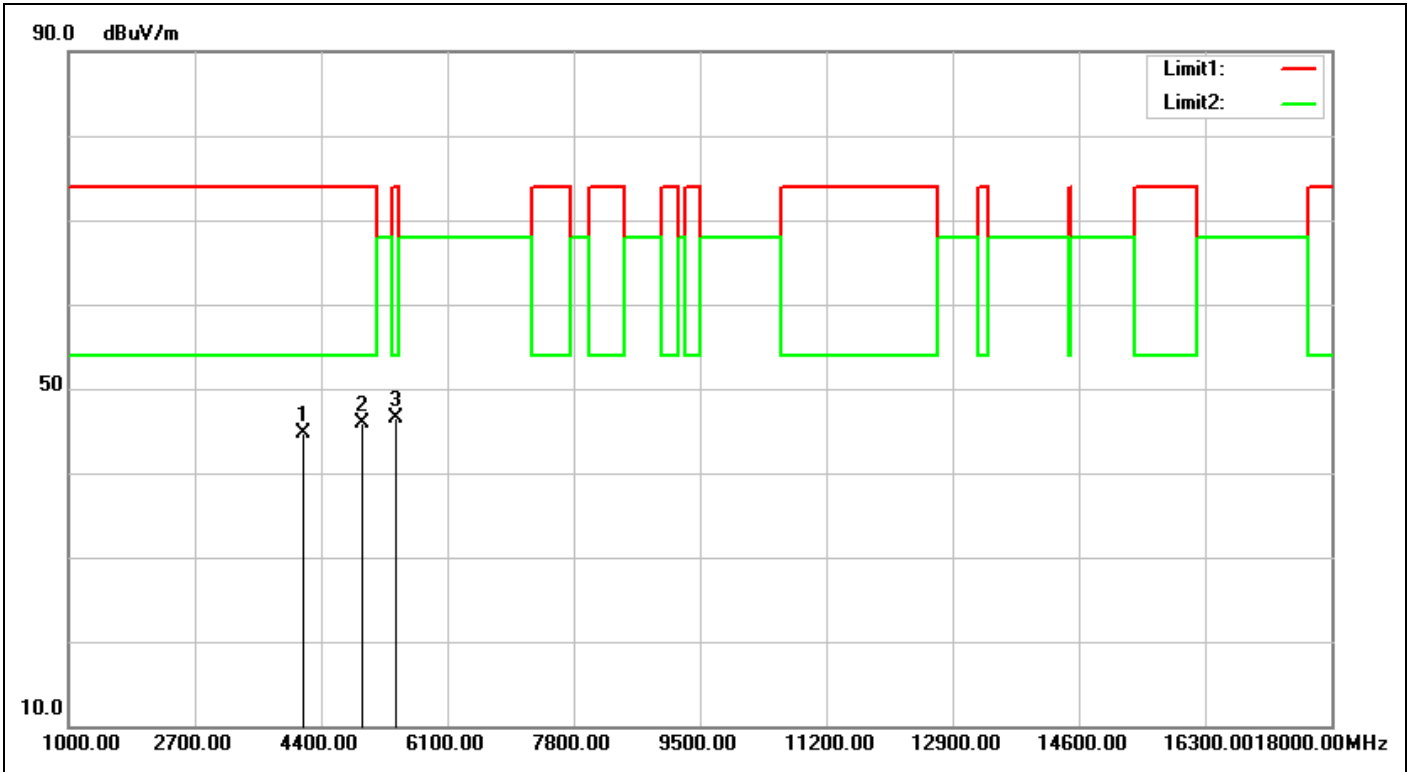
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:37:35
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5200-RX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4315.000	-4.70	50.34	45.64	74.00	-28.36	peak	100	282	
2	5029.000	-3.07	49.87	46.80	74.00	-27.20	peak	100	313	
3	5369.000	-1.46	47.50	46.04	74.00	-27.96	peak	100	309	



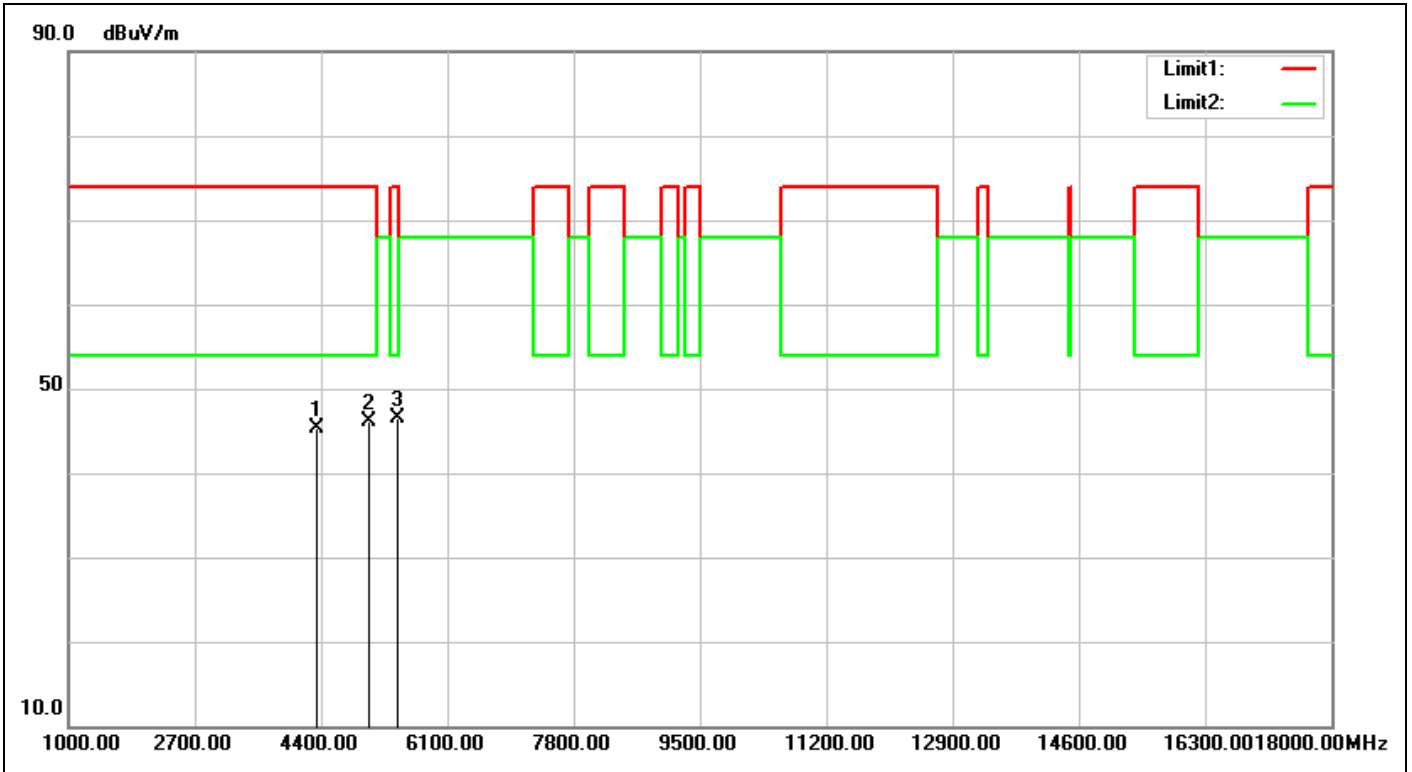
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:41:26
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5300-RX		
Remark:	Power Setting 21		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3890.000	-6.07	50.07	44.00	74.00	-30.00	peak	100	208	
2	4723.000	-3.66	49.30	45.64	74.00	-28.36	peak	100	195	
3	5369.000	-1.46	47.31	45.85	74.00	-28.15	peak	100	45	



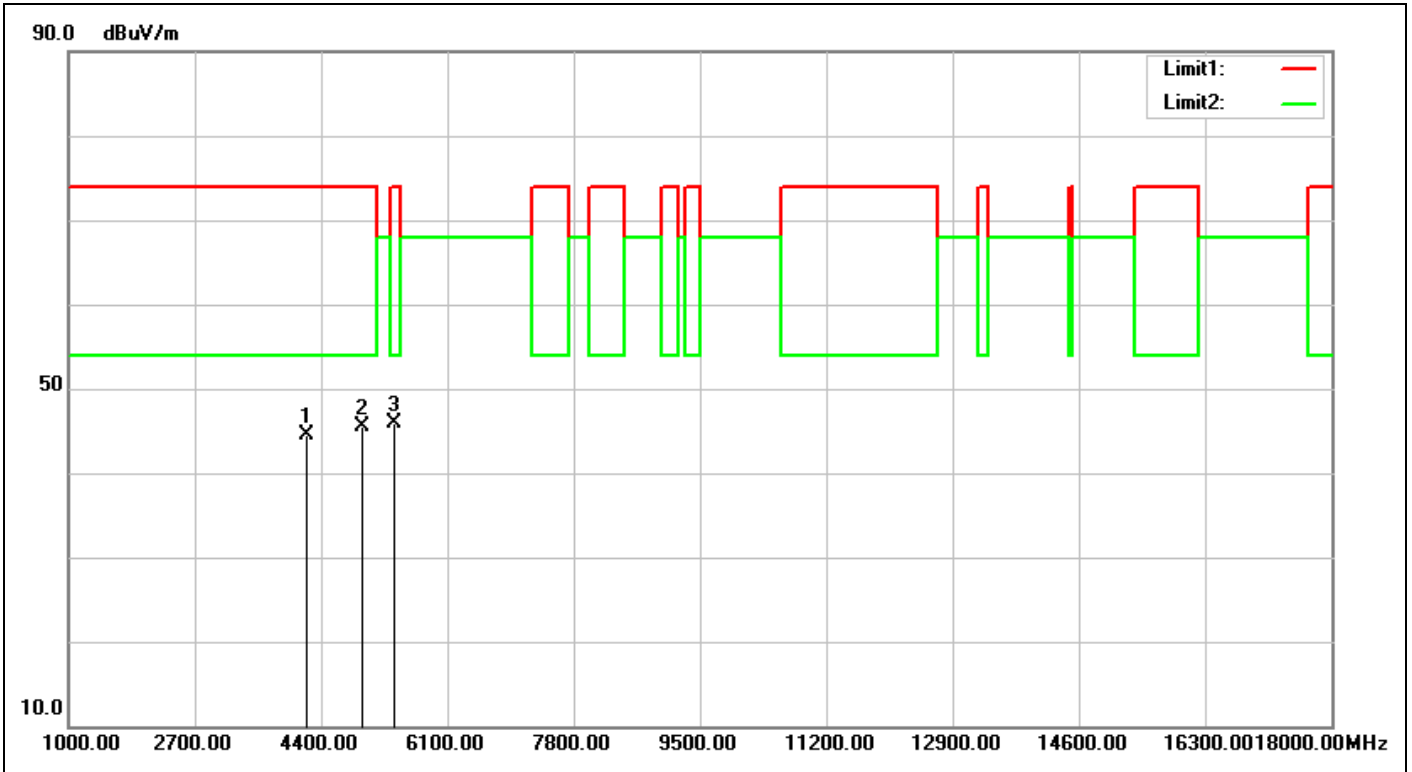
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:42:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5300-RX		
Remark:	Power Setting 21		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4162.000	-5.27	50.07	44.80	74.00	-29.20	peak	100	197	
2	4961.000	-3.27	49.21	45.94	74.00	-28.06	peak	100	248	
3	5403.000	-1.30	47.90	46.60	74.00	-27.40	peak	100	119	



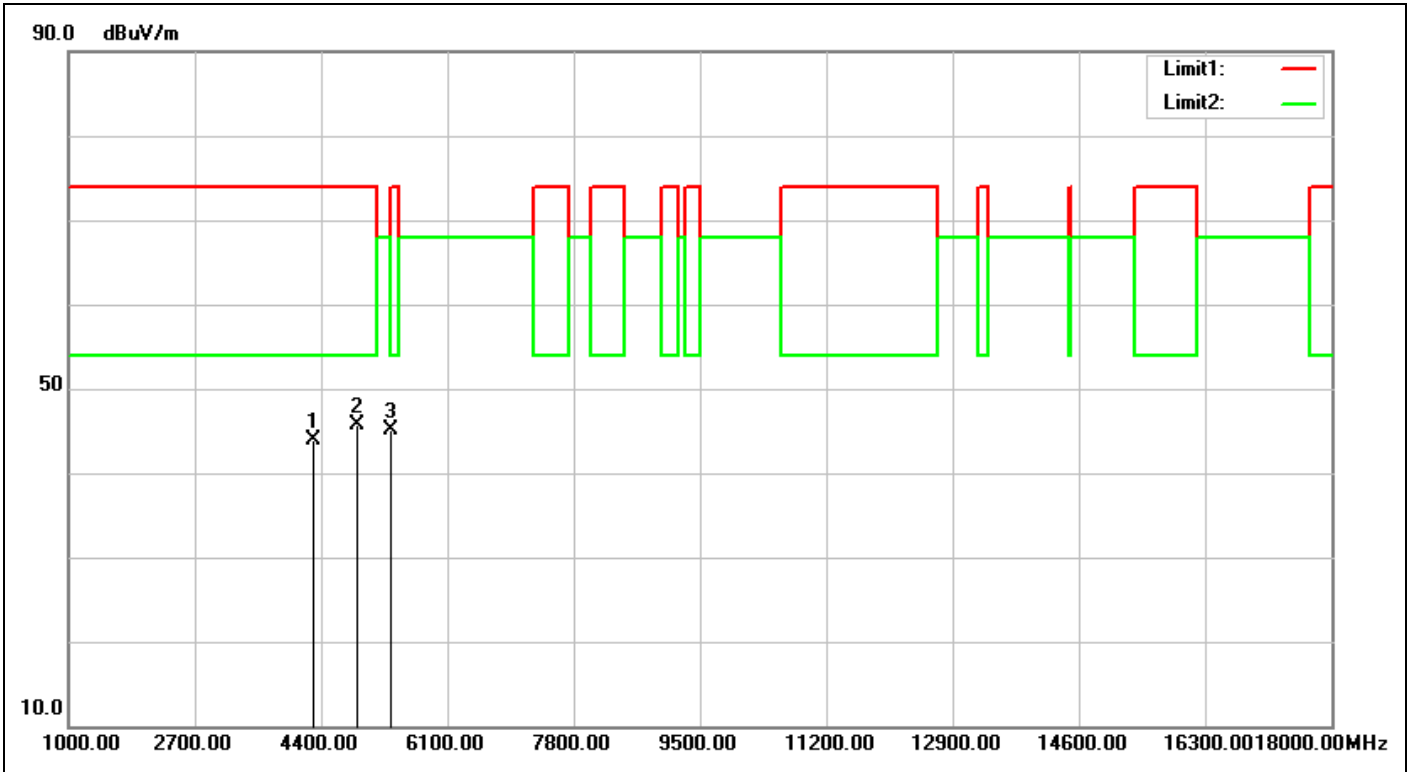
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:44:51
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5560-RX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4332.000	-4.64	49.93	45.29	74.00	-28.71	peak	100	167	
2	5046.000	-2.99	49.14	46.15	74.00	-27.85	peak	100	17	
3	5420.000	-1.22	47.75	46.53	74.00	-27.47	peak	100	259	



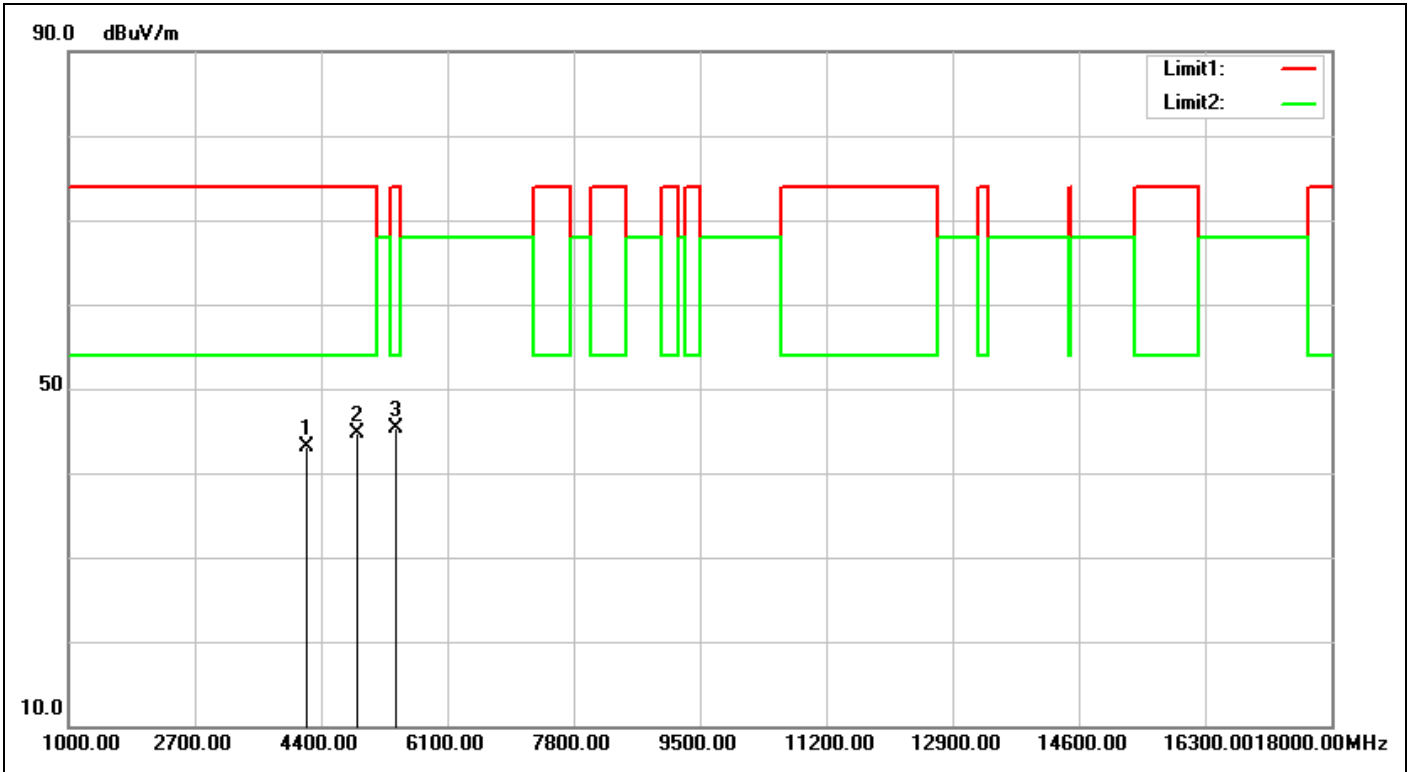
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:45:43
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5560-RX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4196.000	-5.15	49.63	44.48	74.00	-29.52	peak	100	292	
2	4961.000	-3.27	48.76	45.49	74.00	-28.51	peak	100	47	
3	5386.000	-1.38	47.24	45.86	74.00	-28.14	peak	100	313	



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:48:10
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5785-RX		
Remark:	Power Setting 25		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4298.000	-4.77	48.71	43.94	74.00	-30.06	peak	100	262	
2	4893.000	-3.39	49.07	45.68	74.00	-28.32	peak	100	91	
3	5335.000	-1.62	46.76	45.14	68.00	-22.86	peak	100	37	



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:49:03
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5785-RX		
Remark:	Power Setting 25		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4213.000	-5.09	48.10	43.01	74.00	-30.99	peak	100	78	
2	4893.000	-3.39	48.12	44.73	74.00	-29.27	peak	100	221	
3	5403.000	-1.30	46.53	45.23	74.00	-28.77	peak	100	272	

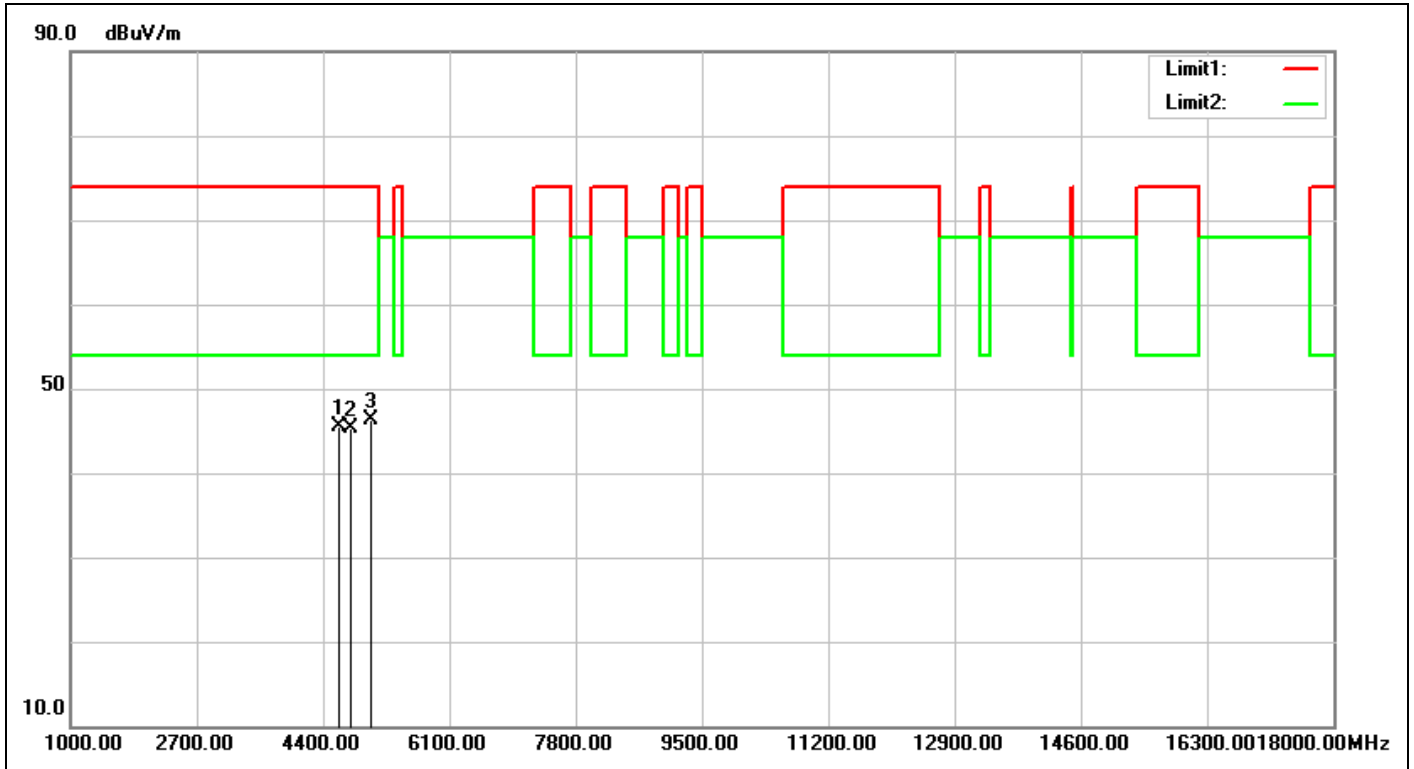
Spurious Emissions, RX Mode, 1G-18G, Straddle Channel



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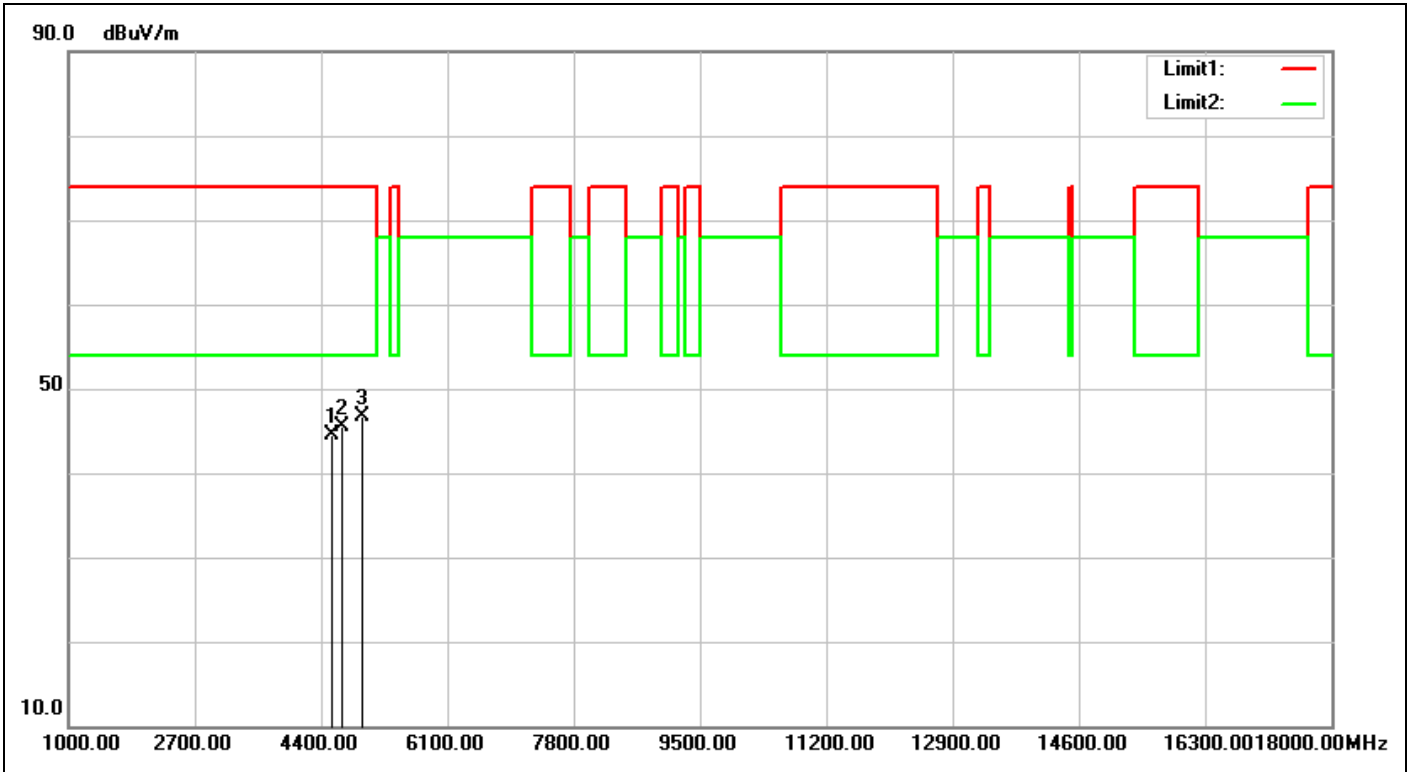
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/20 01:20:53
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5720-RX		
Remark:	Power Setting 27 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4621.000	-3.82	49.29	45.47	74.00	-28.53	peak	100	0	
2	4774.000	-3.58	48.84	45.26	74.00	-28.74	peak	100	178	
3	5046.000	-2.99	49.27	46.28	74.00	-27.72	peak	100	127	



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/20 01:21:45
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5720-RX		
Remark:	Power Setting 27 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4553.000	-3.95	48.44	44.49	74.00	-29.51	peak	100	138	
2	4672.000	-3.74	49.25	45.51	74.00	-28.49	peak	100	231	
3	4944.000	-3.29	49.91	46.62	74.00	-27.38	peak	100	309	

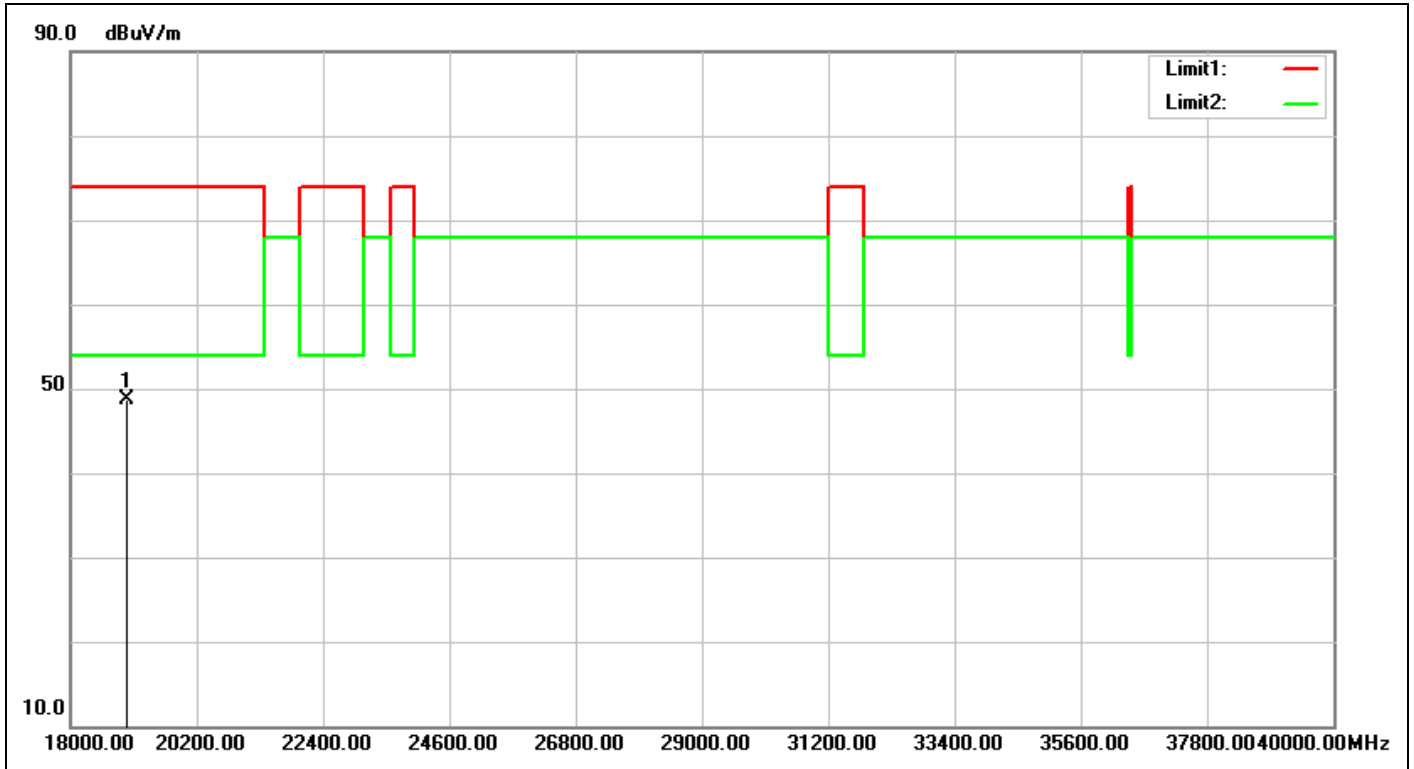
Spurious Emissions, RX Mode, 18-40G



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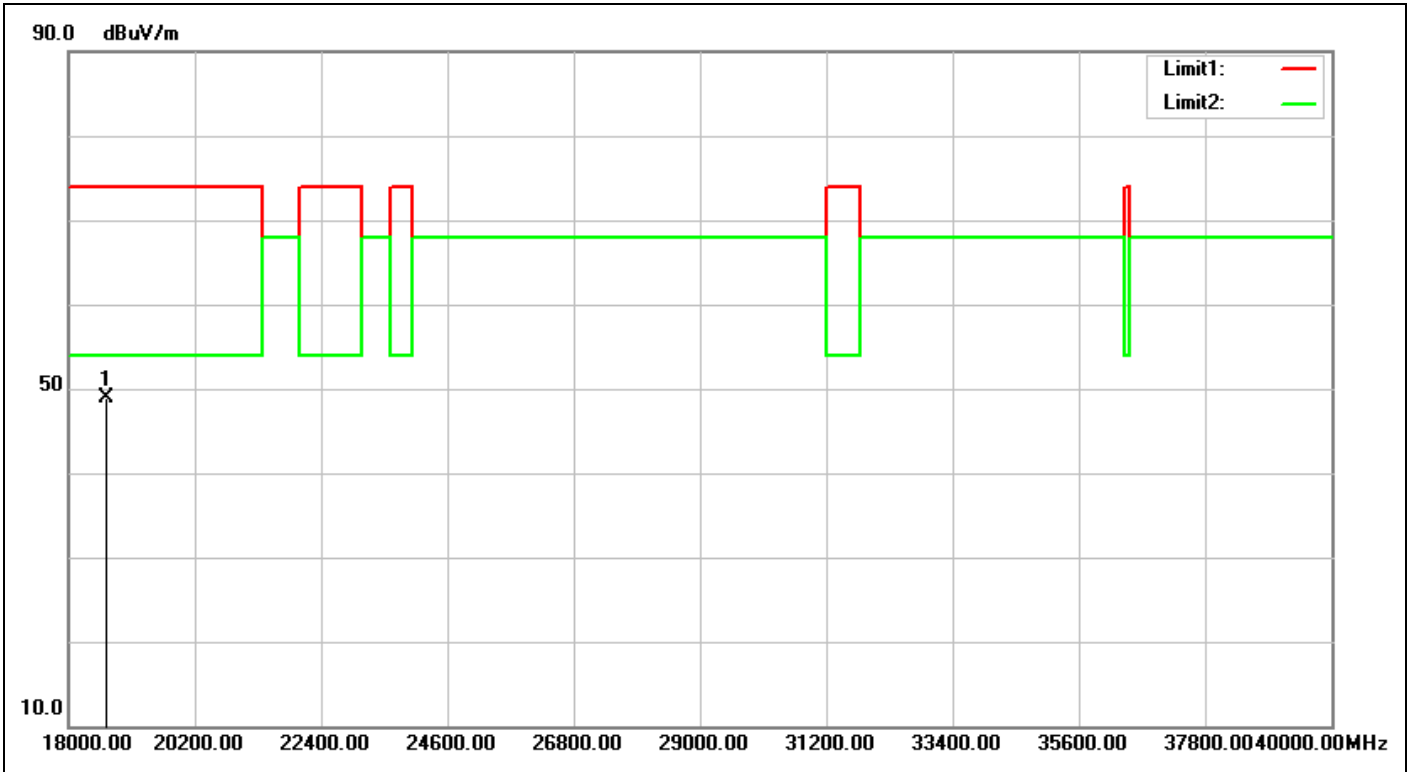
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



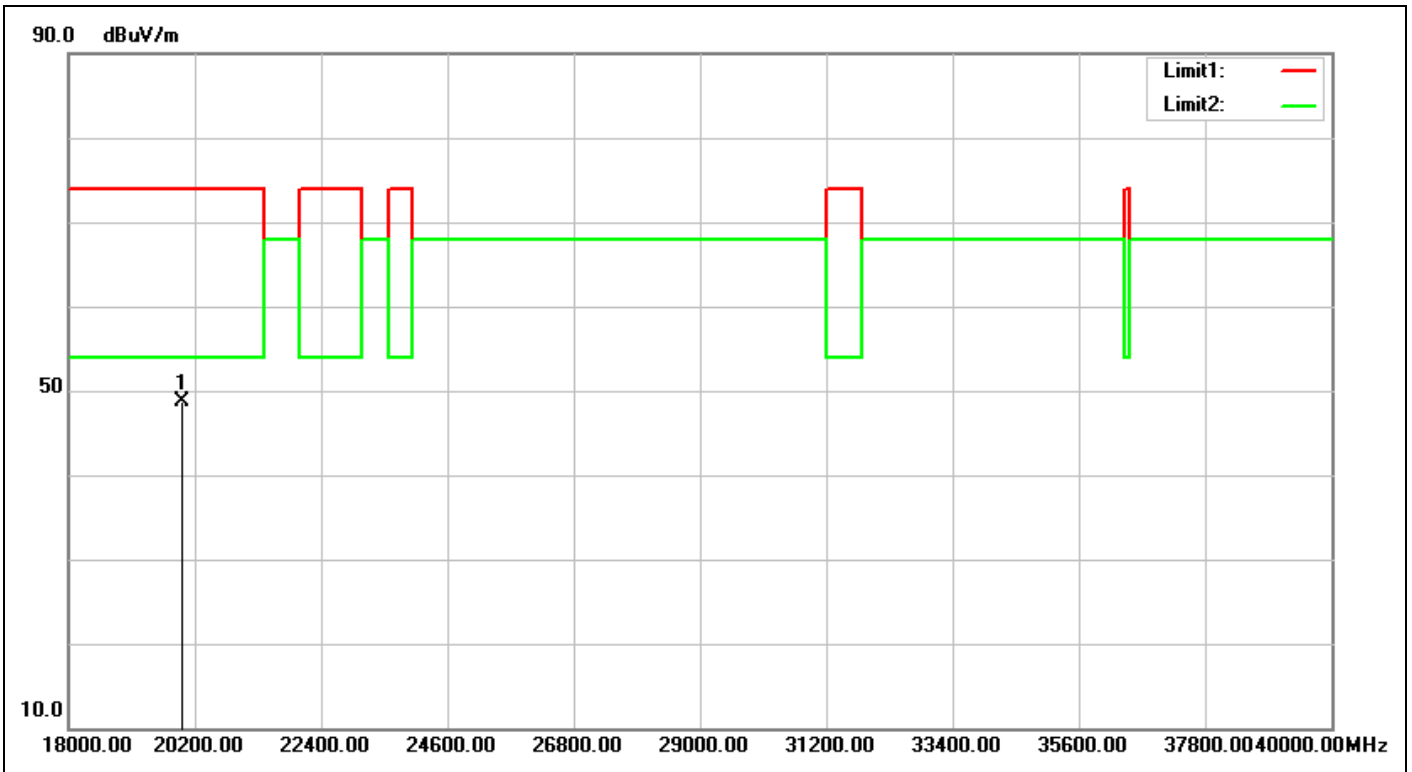
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:29:07
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5200-RX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18968.000	30.03	18.63	48.66	74.00	-25.34	peak		0	



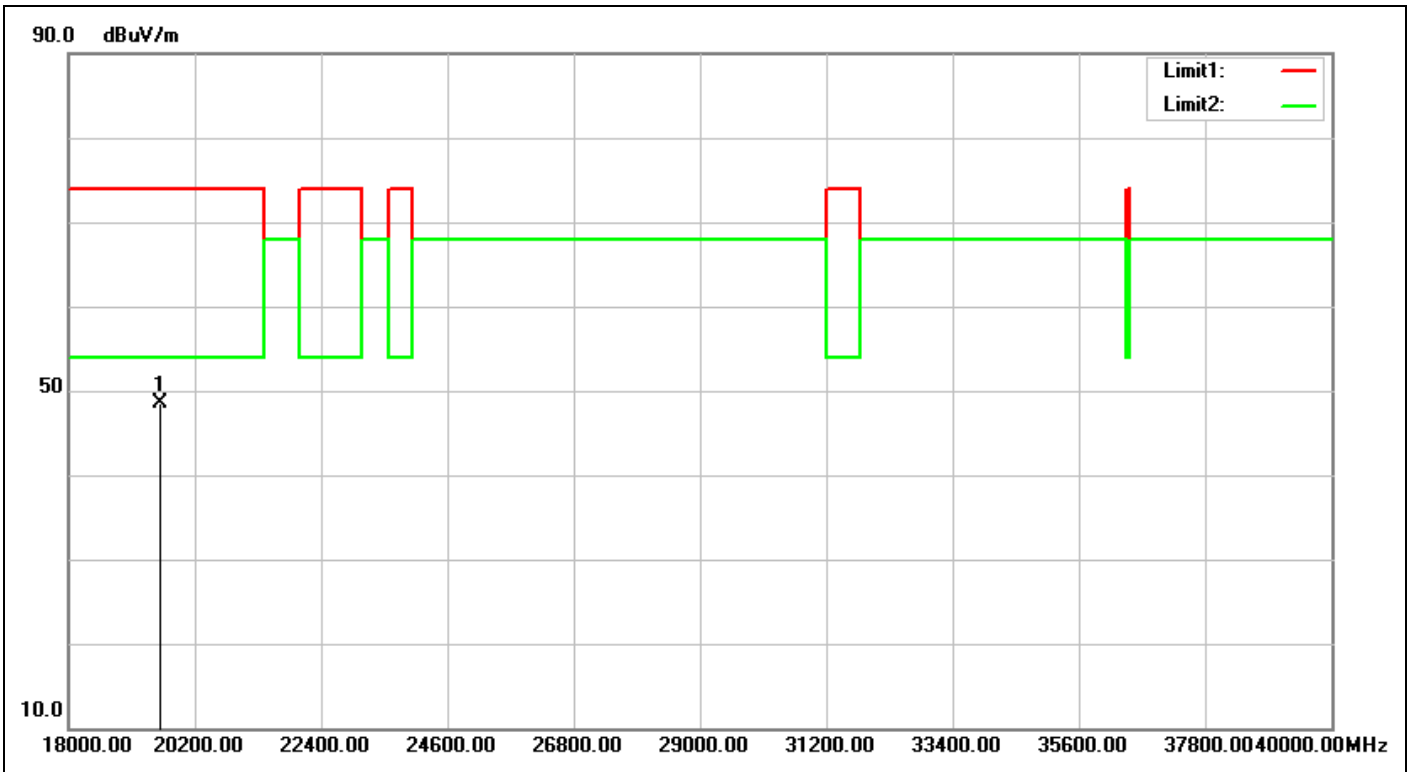
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:29:14
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5200-RX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18660.000	29.01	19.98	48.99	74.00	-25.01	peak			



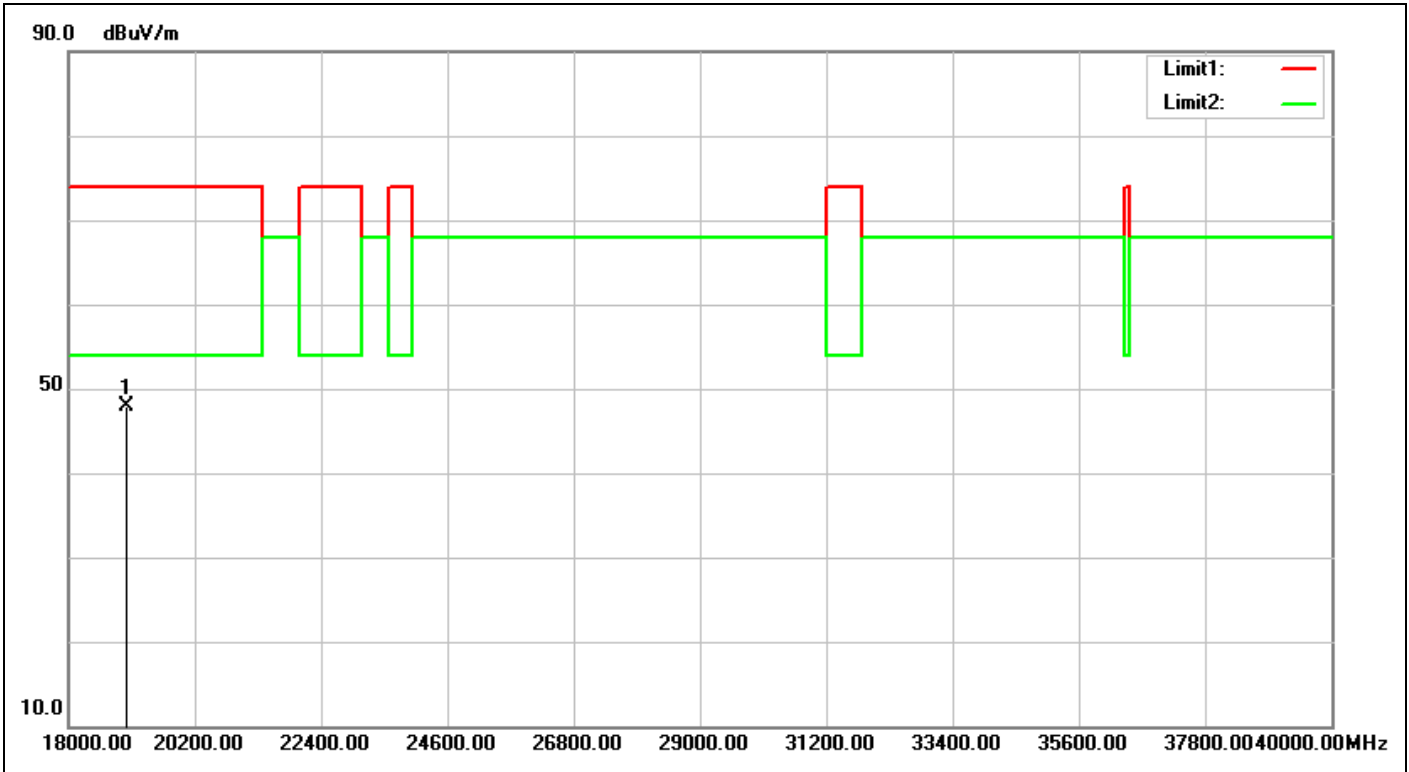
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:29:45
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5300-RX		
Remark:	Power Setting 21		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19980.000	31.18	17.52	48.70	74.00	-25.30	peak			



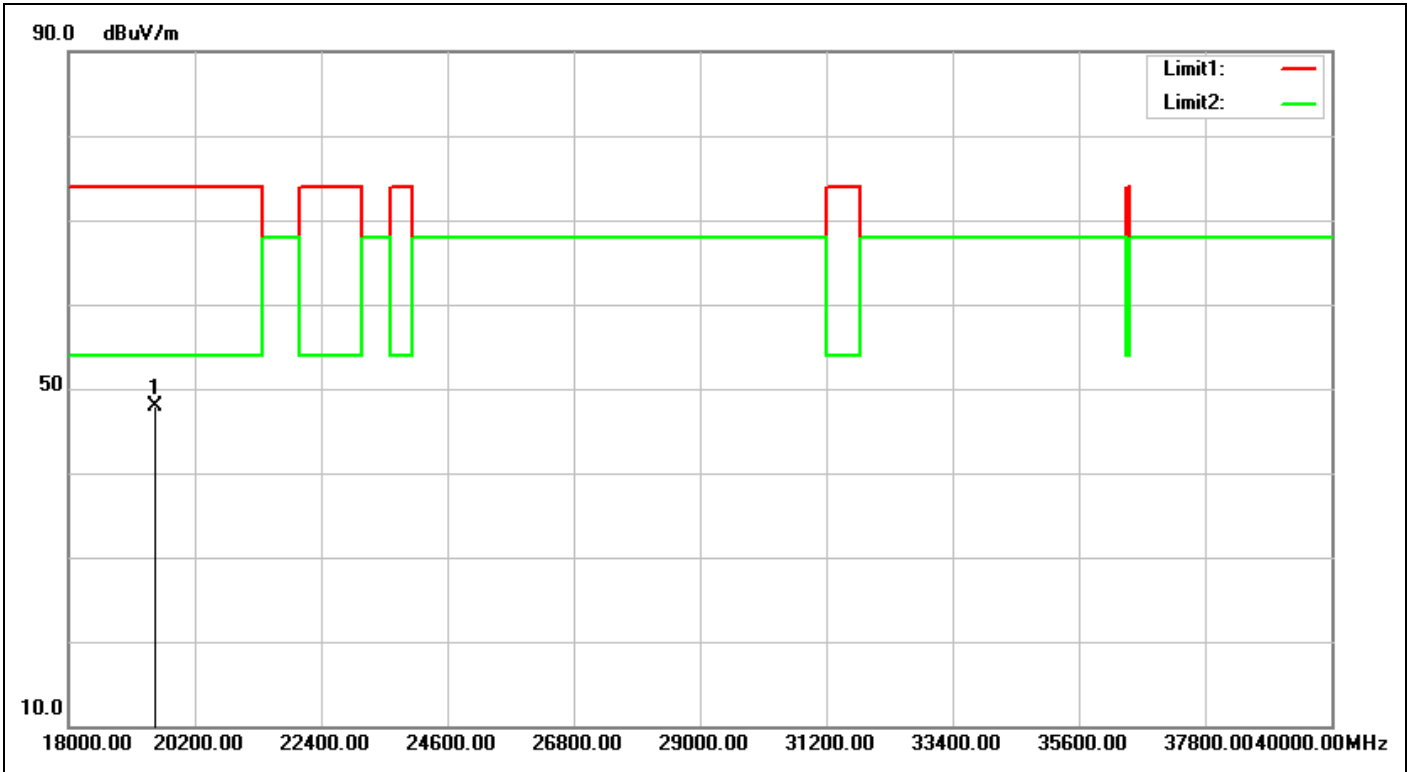
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:29:51
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5300-RX		
Remark:	Power Setting 21		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19606.000	30.63	17.94	48.57	74.00	-25.43	peak			



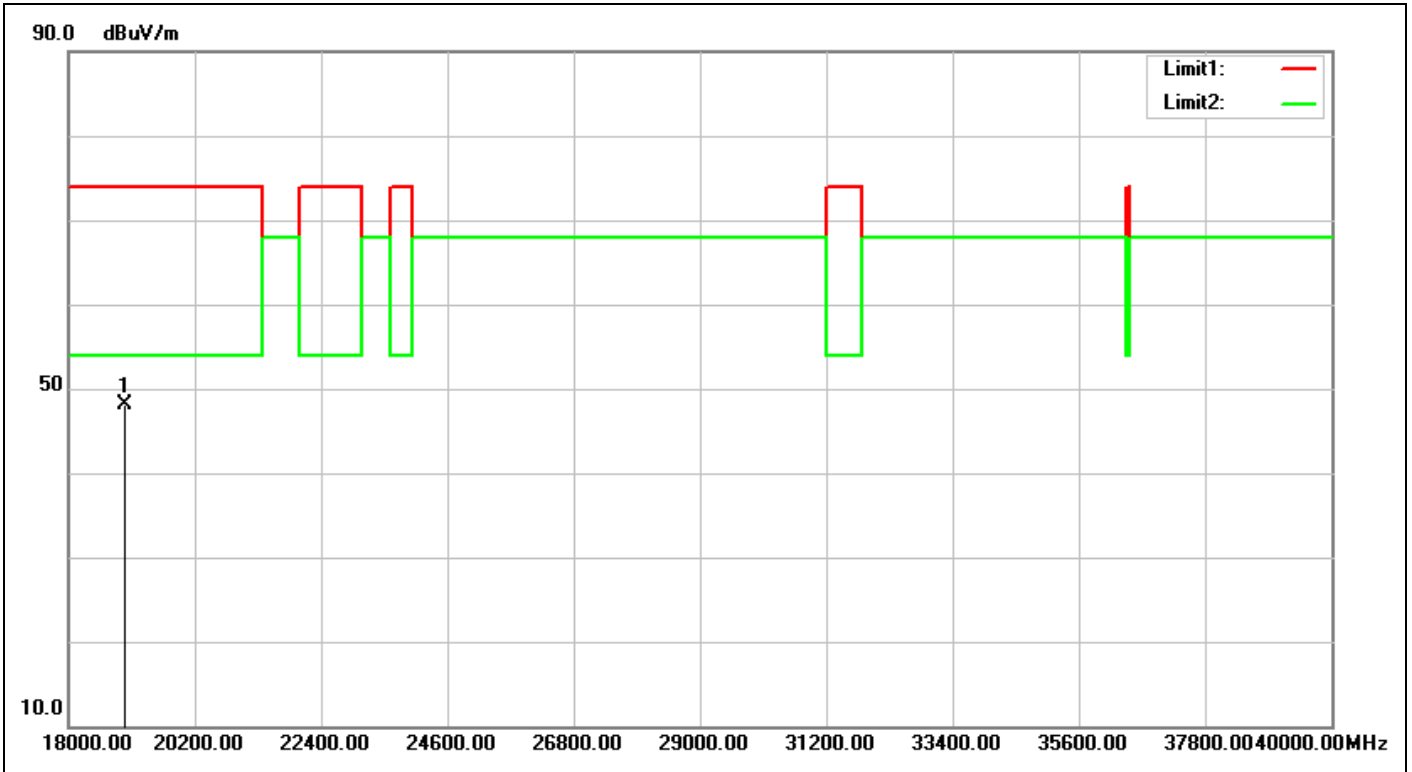
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:30:22
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5560-RX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19012.000	30.16	17.74	47.90	74.00	-26.10	peak			



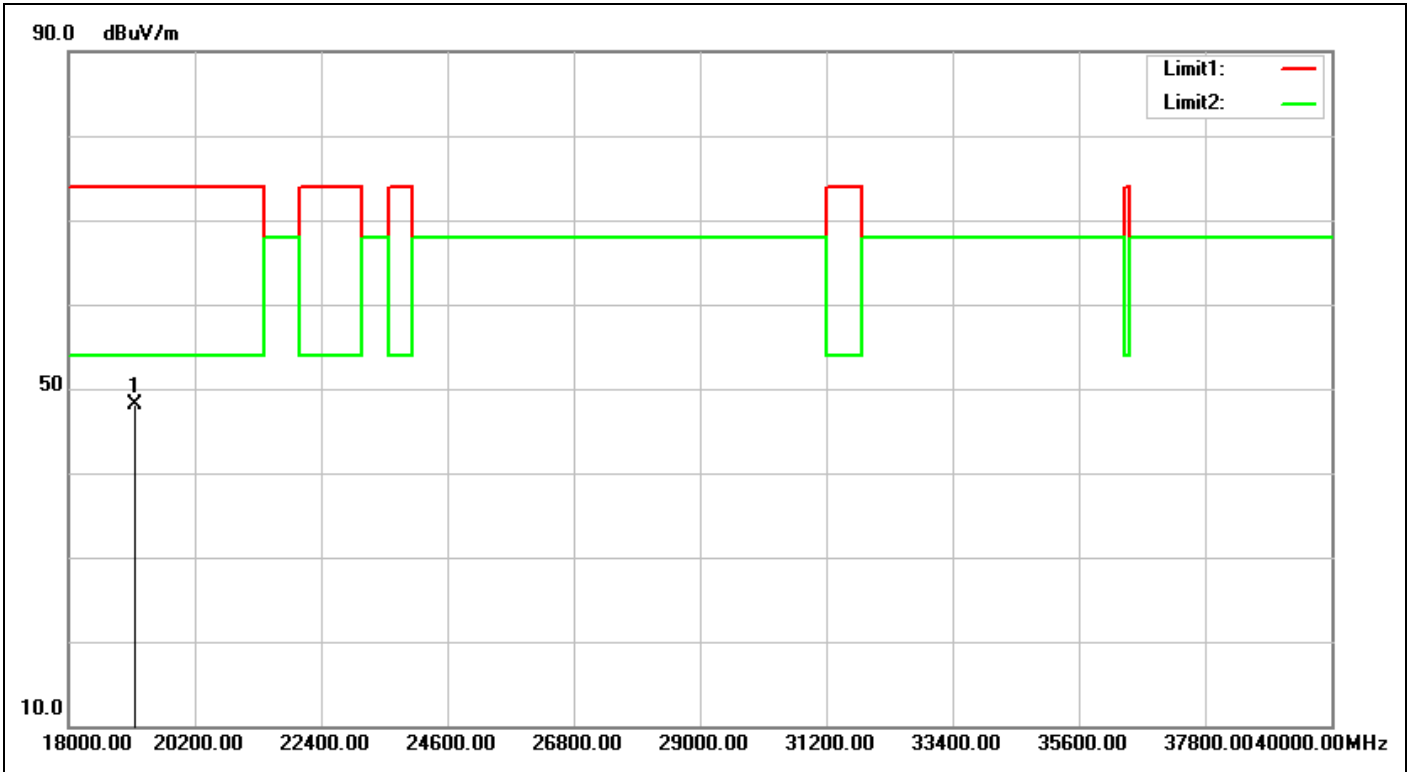
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:30:29
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5560-RX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19518.000	30.50	17.43	47.93	74.00	-26.07	peak			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:31:01
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5785-RX		
Remark:	Power Setting 25		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18990.000	30.10	18.09	48.19	74.00	-25.81	peak			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:31:08
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5785-RX		
Remark:	Power Setting 25		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19166.000	30.25	17.85	48.10	74.00	-25.90	peak			

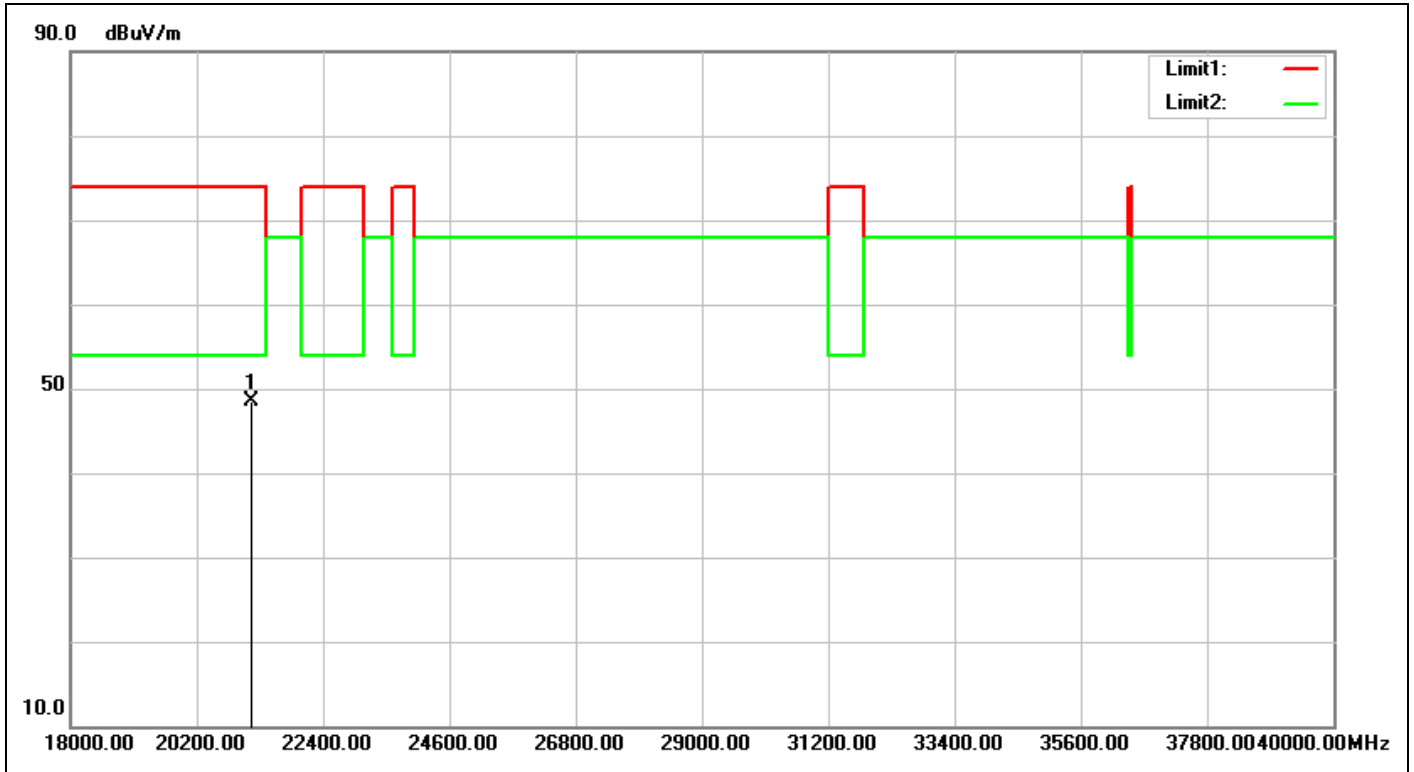
Spurious Emissions, RX Mode, 18-40G, Straddle Channel



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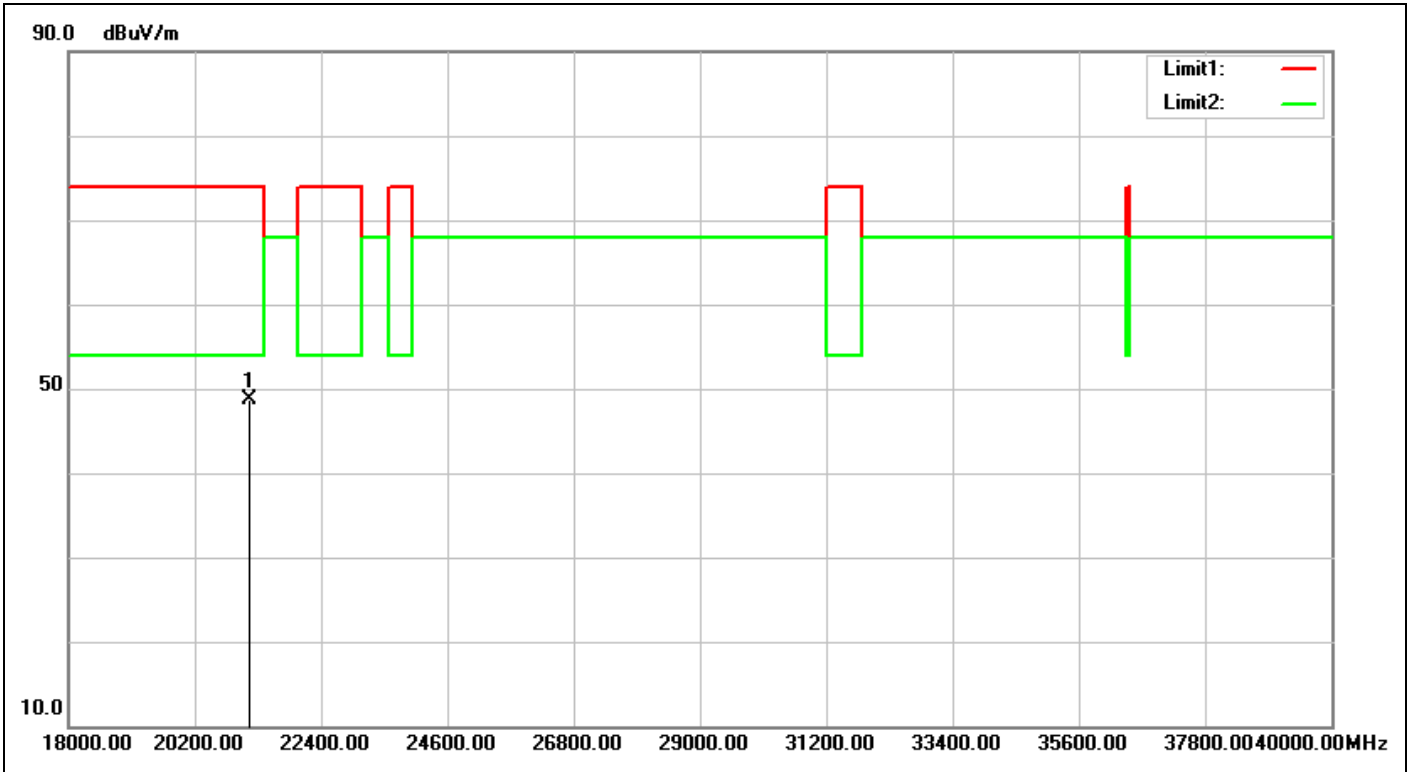
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Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/20 01:33:51
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5720-RX		
Remark:	Power Setting 27 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21146.000	32.56	15.99	48.55	74.00	-25.45	peak			



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/20 01:33:58
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5720-RX		
Remark:	Power Setting 27 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21146.000	32.56	16.10	48.66	74.00	-25.34	peak			

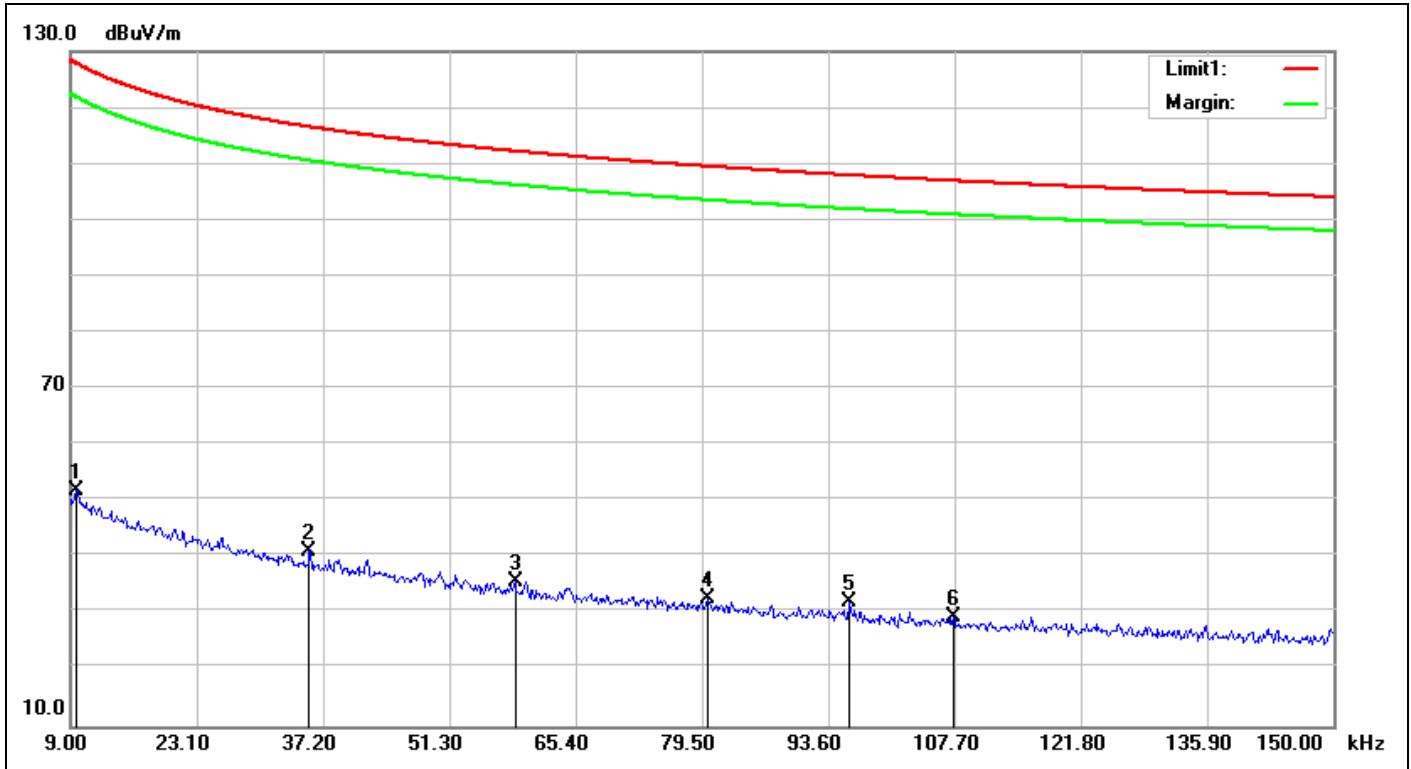
Spurious Emissions, RX Mode, 9k-30M



TUV Rheinland Taiwan Ltd.

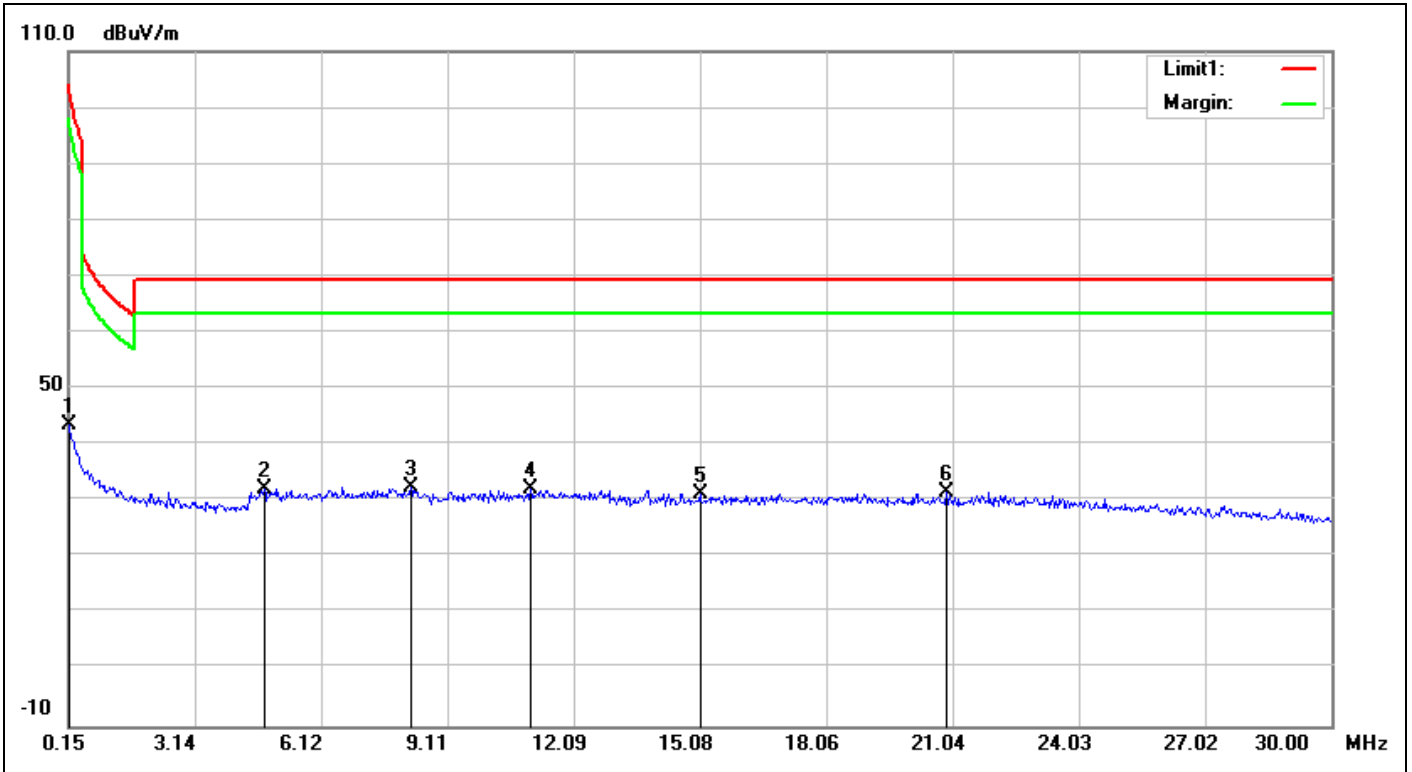
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



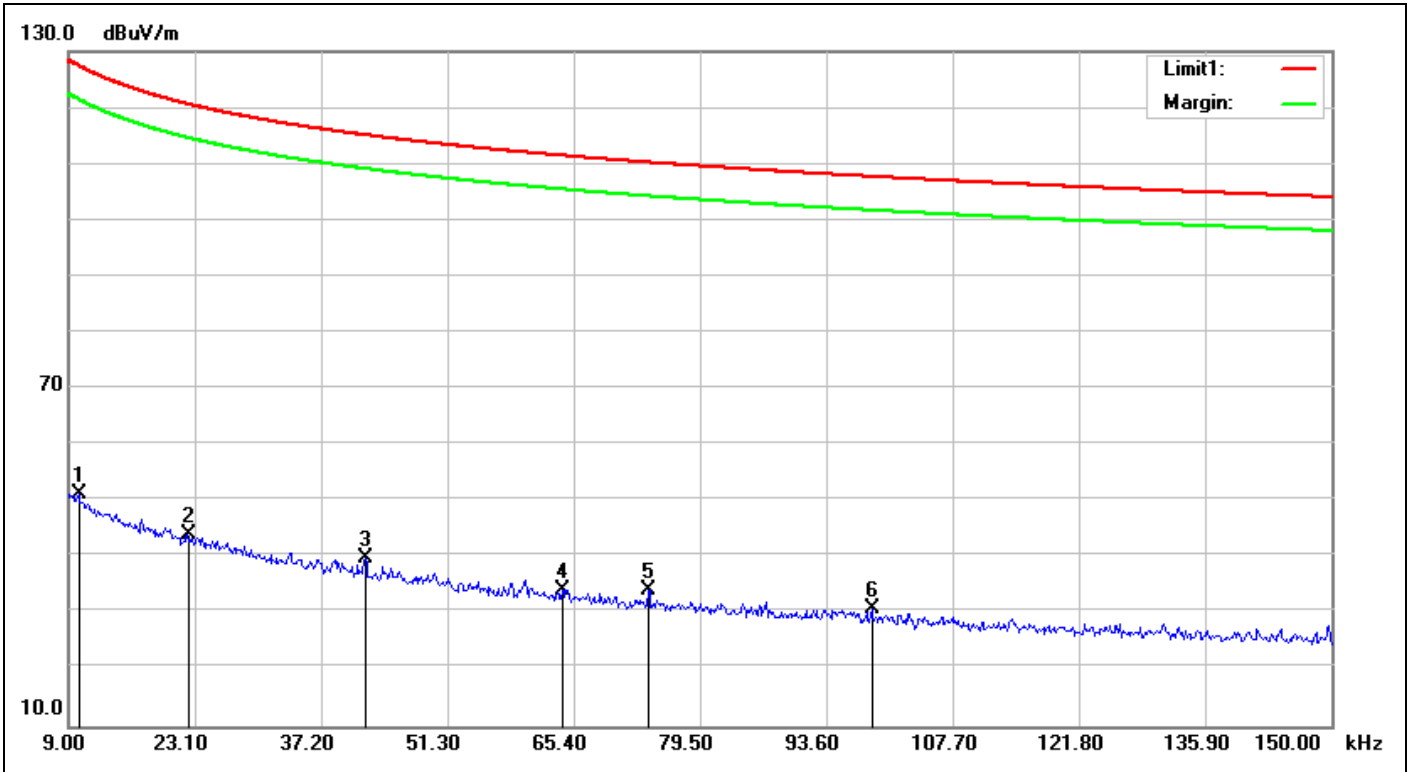
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:26:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5200-RX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0096	19.77	32.22	51.99	127.94	-75.95	QP	100	282	
2	0.0356	19.93	21.22	41.15	116.56	-75.41	QP	100	249	
3	0.0586	19.38	16.29	35.67	112.24	-76.57	QP	100	282	
4	0.0802	19.25	13.26	32.51	109.51	-77.00	QP	100	9	
5	0.0960	19.15	12.78	31.93	107.95	-76.02	QP	100	45	
6	0.1076	19.12	10.25	29.37	106.96	-77.59	QP	100	39	



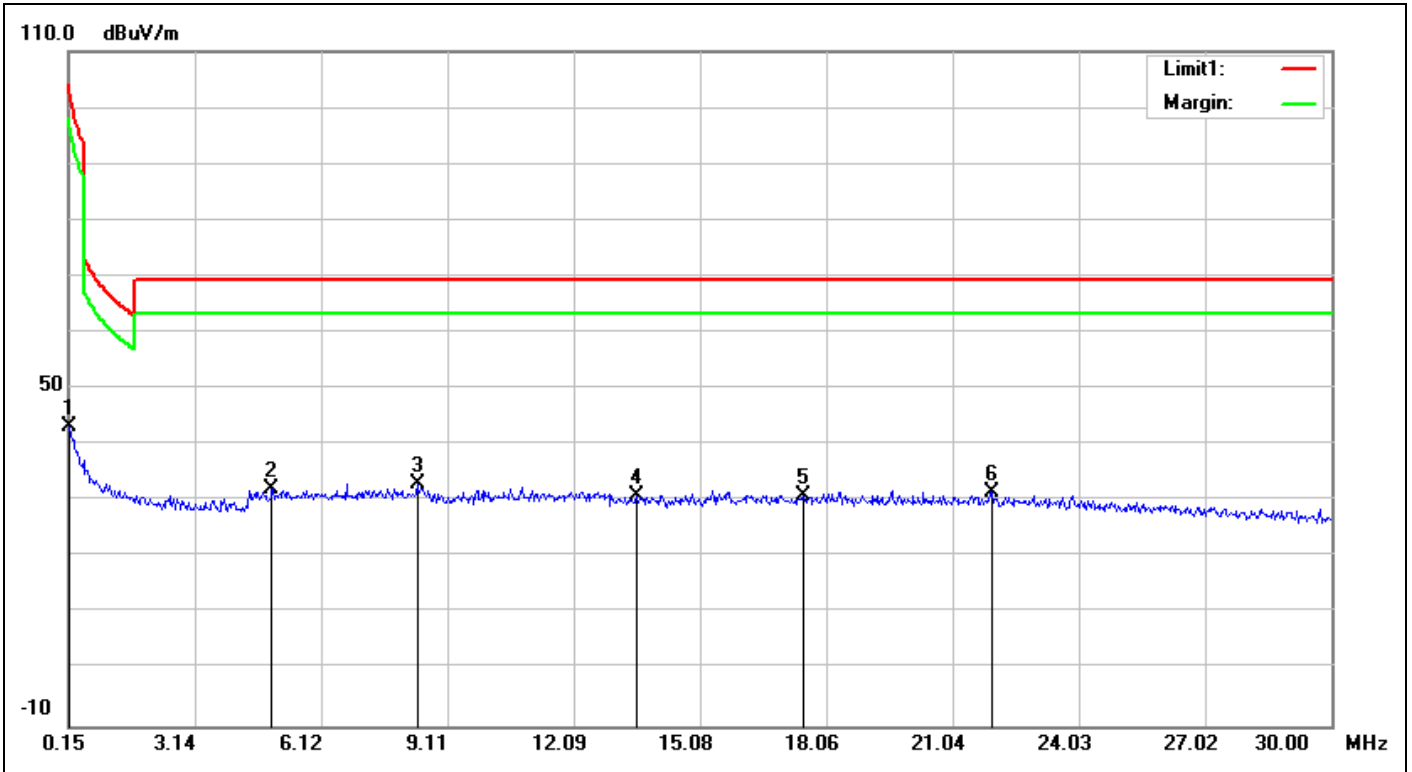
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:38:40
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5200-RX		
Remark:	Power Setting 22		

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	24.60	43.68	104.08	-60.40	QP	100	71	
2	4.7768	19.63	12.58	32.21	69.50	-37.29	QP	100	118	
3	8.2394	20.06	12.35	32.41	69.50	-37.09	QP	100	141	
4	11.0751	20.41	11.81	32.22	69.50	-37.28	QP	100	101	
5	15.0750	21.11	10.04	31.15	69.50	-38.35	QP	100	39	
6	20.8958	22.04	9.38	31.42	69.50	-38.08	QP	100	229	



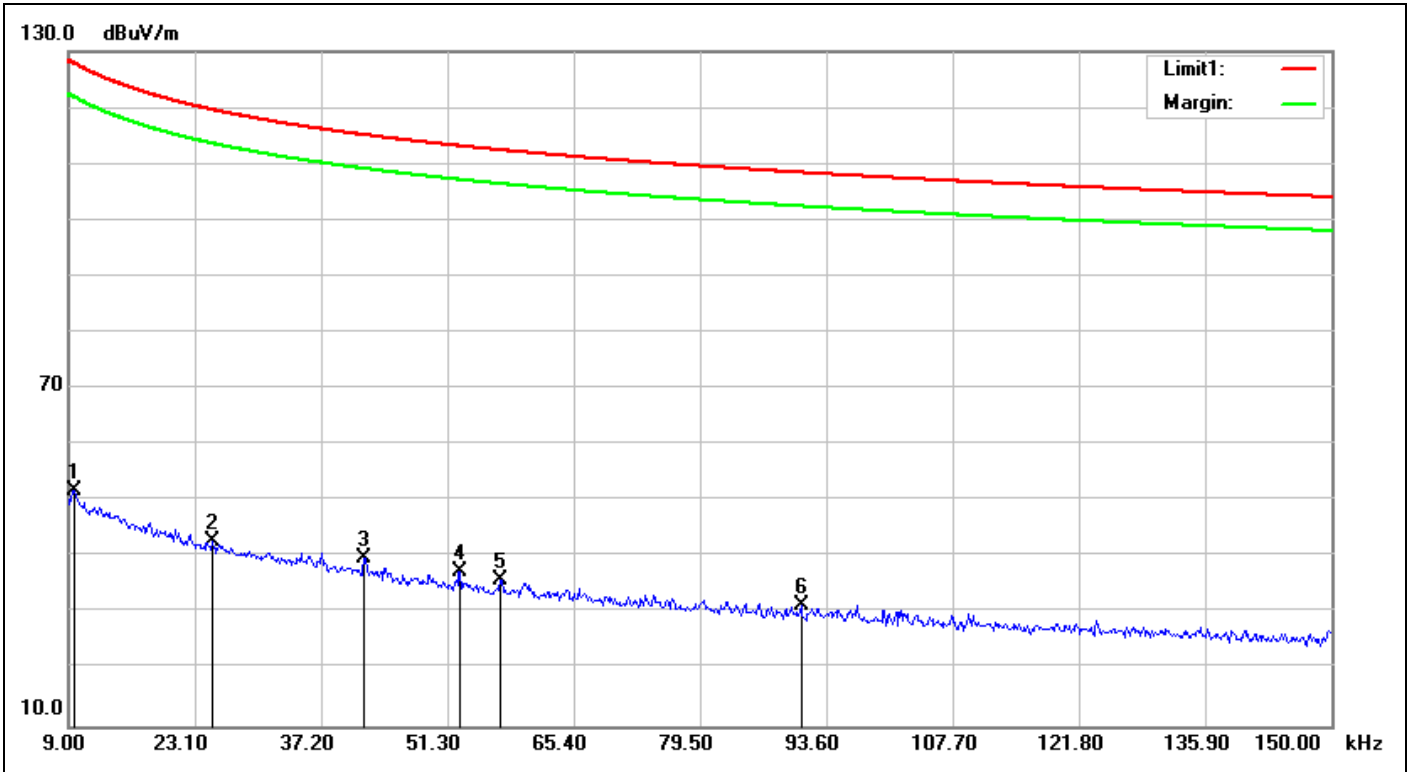
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:28:52
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5300-RX		
Remark:	Power Setting 21		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0101	19.93	31.40	51.33	127.50	-76.17	QP	100	354	
2	0.0223	20.05	23.91	43.96	120.62	-76.66	QP	100	121	
3	0.0421	19.71	20.06	39.77	115.11	-75.34	QP	100	331	
4	0.0641	19.35	14.94	34.29	111.46	-77.17	QP	100	265	
5	0.0737	19.29	14.83	34.12	110.25	-76.13	QP	100	334	
6	0.0987	19.14	11.58	30.72	107.71	-76.99	QP	100	308	



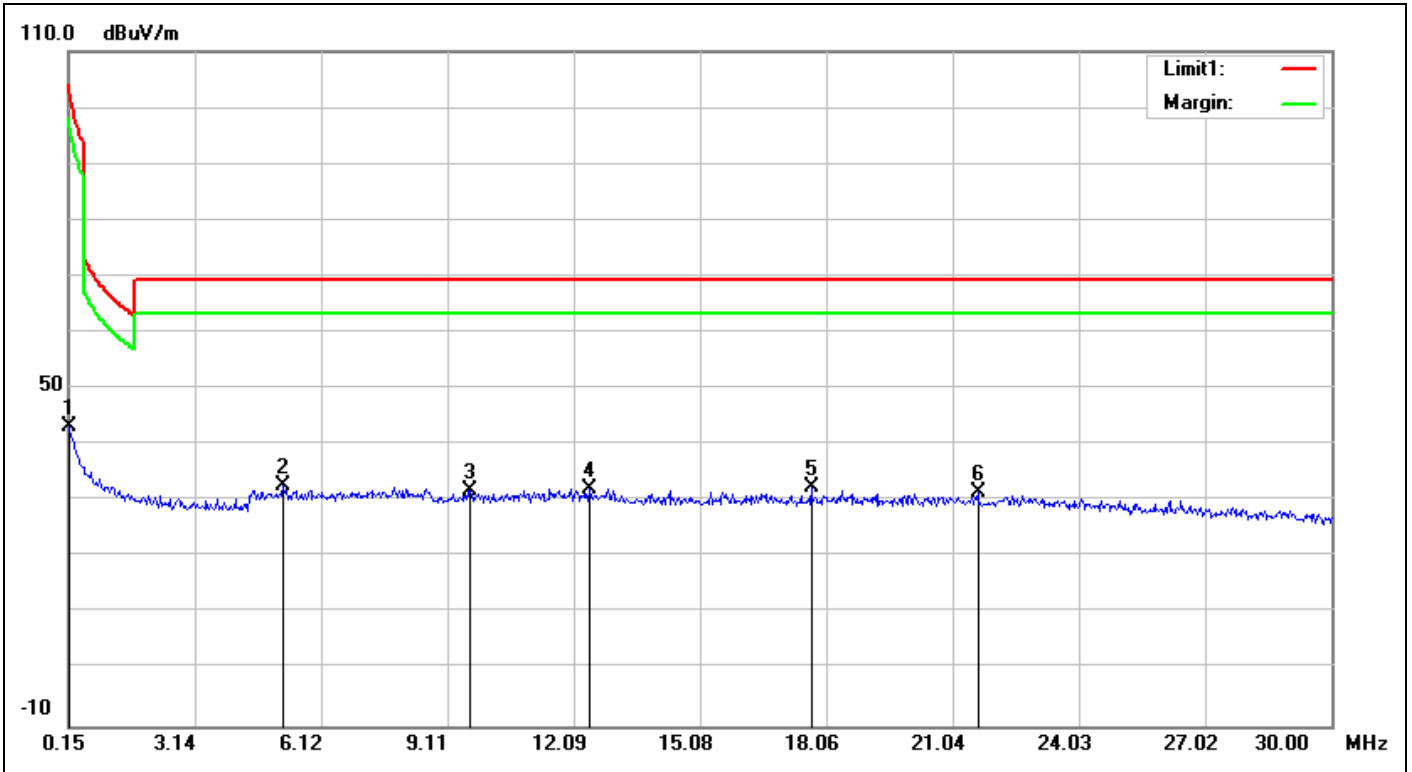
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:41:00
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5300-RX		
Remark:	Power Setting 21		

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	24.23	43.31	104.08	-60.77	QP	100	292	
2	4.9559	19.73	12.38	32.11	69.50	-37.39	QP	100	219	
3	8.3886	20.07	12.94	33.01	69.50	-36.49	QP	100	95	
4	13.5825	20.85	10.11	30.96	69.50	-38.54	QP	100	301	
5	17.5227	21.55	9.52	31.07	69.50	-38.43	QP	100	232	
6	21.9704	22.12	9.41	31.53	69.50	-37.97	QP	100	262	



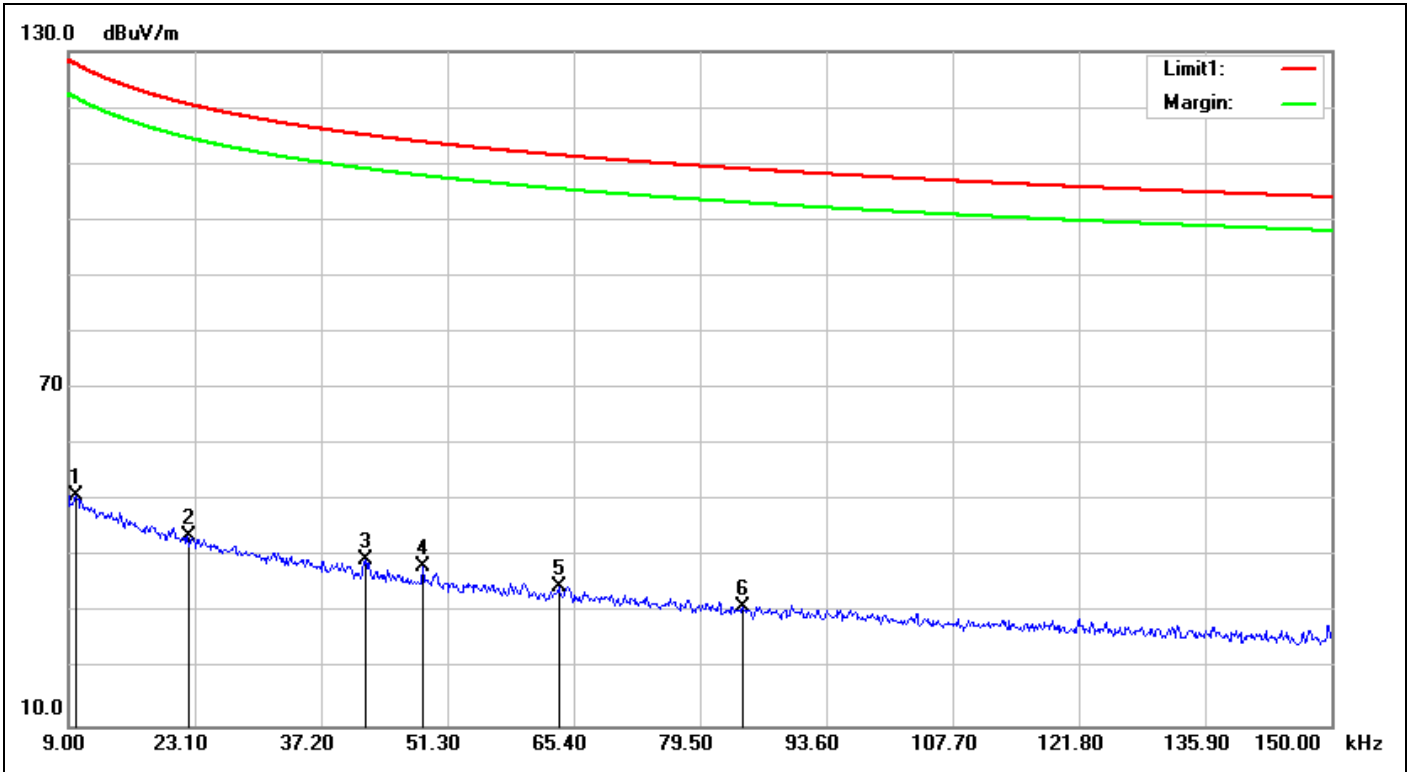
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:31:14
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5560-RX		
Remark:	Power Setting 22		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0096	19.77	32.18	51.95	127.94	-75.99	QP	100	104	
2	0.0251	20.08	22.89	42.97	119.60	-76.63	QP	100	344	
3	0.0420	19.71	20.25	39.96	115.13	-75.17	QP	100	134	
4	0.0527	19.41	18.10	37.51	113.16	-75.65	QP	100	150	
5	0.0572	19.39	16.53	35.92	112.45	-76.53	QP	100	183	
6	0.0908	19.19	12.15	31.34	108.43	-77.09	QP	100	331	



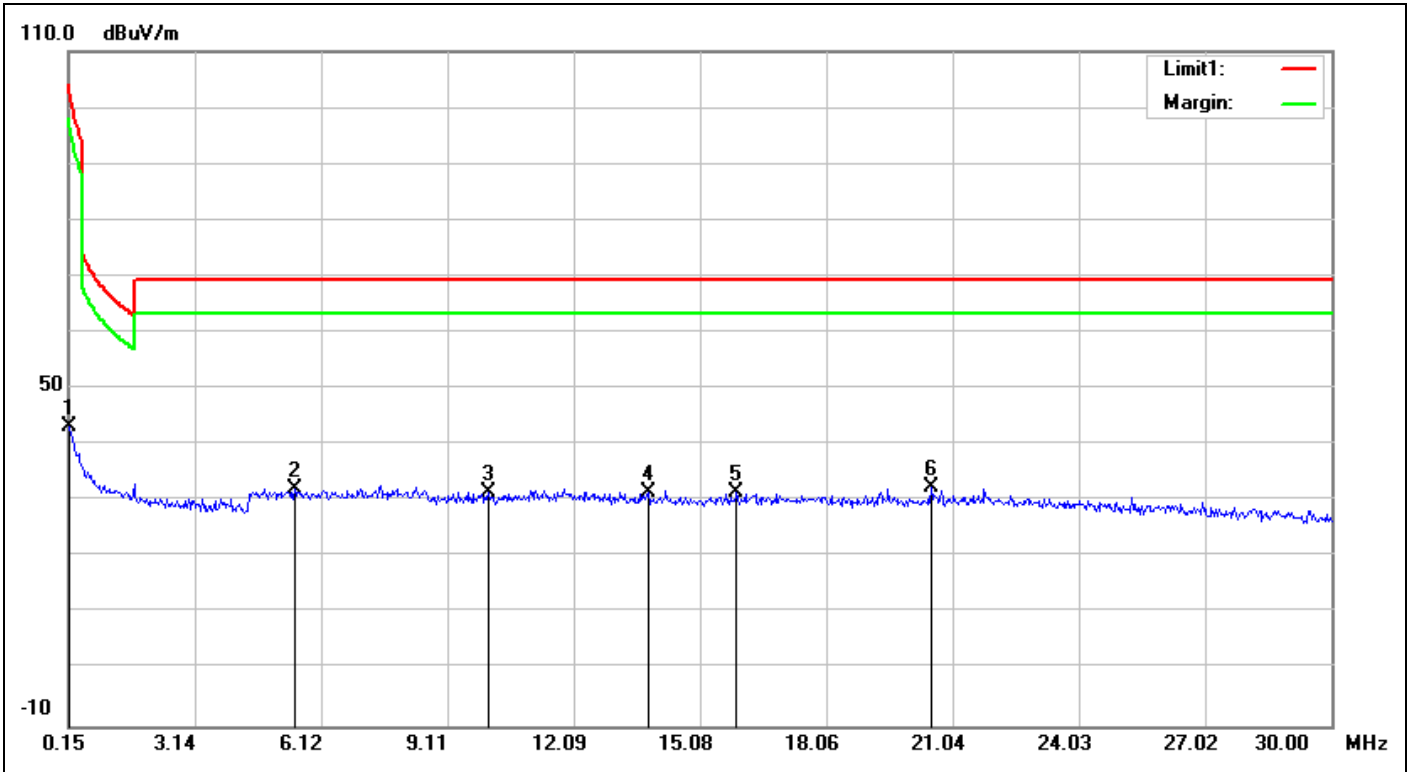
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:43:30
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5560-RX		
Remark:	Power Setting 22		

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	24.03	43.11	104.08	-60.97	QP	100	22	
2	5.2245	19.78	13.02	32.80	69.50	-36.70	QP	100	127	
3	9.6423	20.19	11.64	31.83	69.50	-37.67	QP	100	360	
4	12.4781	20.66	11.45	32.11	69.50	-37.39	QP	100	1	
5	17.7018	21.58	10.78	32.36	69.50	-37.14	QP	100	0	
6	21.6420	22.10	9.47	31.57	69.50	-37.93	QP	100	6	



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:33:44
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5785-RX		
Remark:	Power Setting 25		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0098	19.85	31.21	51.06	127.76	-76.70	QP	100	61	
2	0.0223	20.05	23.60	43.65	120.62	-76.97	QP	100	143	
3	0.0421	19.71	19.76	39.47	115.11	-75.64	QP	100	157	
4	0.0485	19.48	18.83	38.31	113.88	-75.57	QP	100	45	
5	0.0637	19.35	15.38	34.73	111.51	-76.78	QP	100	78	
6	0.0843	19.22	11.96	31.18	109.08	-77.90	QP	100	281	



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:45:52
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5785-RX		
Remark:	Power Setting 25		

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	24.23	43.31	104.08	-60.77	QP	100	128	
2	5.4932	19.81	12.43	32.24	69.50	-37.26	QP	100	13	
3	10.0602	20.23	11.40	31.63	69.50	-37.87	QP	100	157	
4	13.8512	20.90	10.76	31.66	69.50	-37.84	QP	100	98	
5	15.9407	21.27	10.36	31.63	69.50	-37.87	QP	100	203	
6	20.5376	22.02	10.51	32.53	69.50	-36.97	QP	100	190	

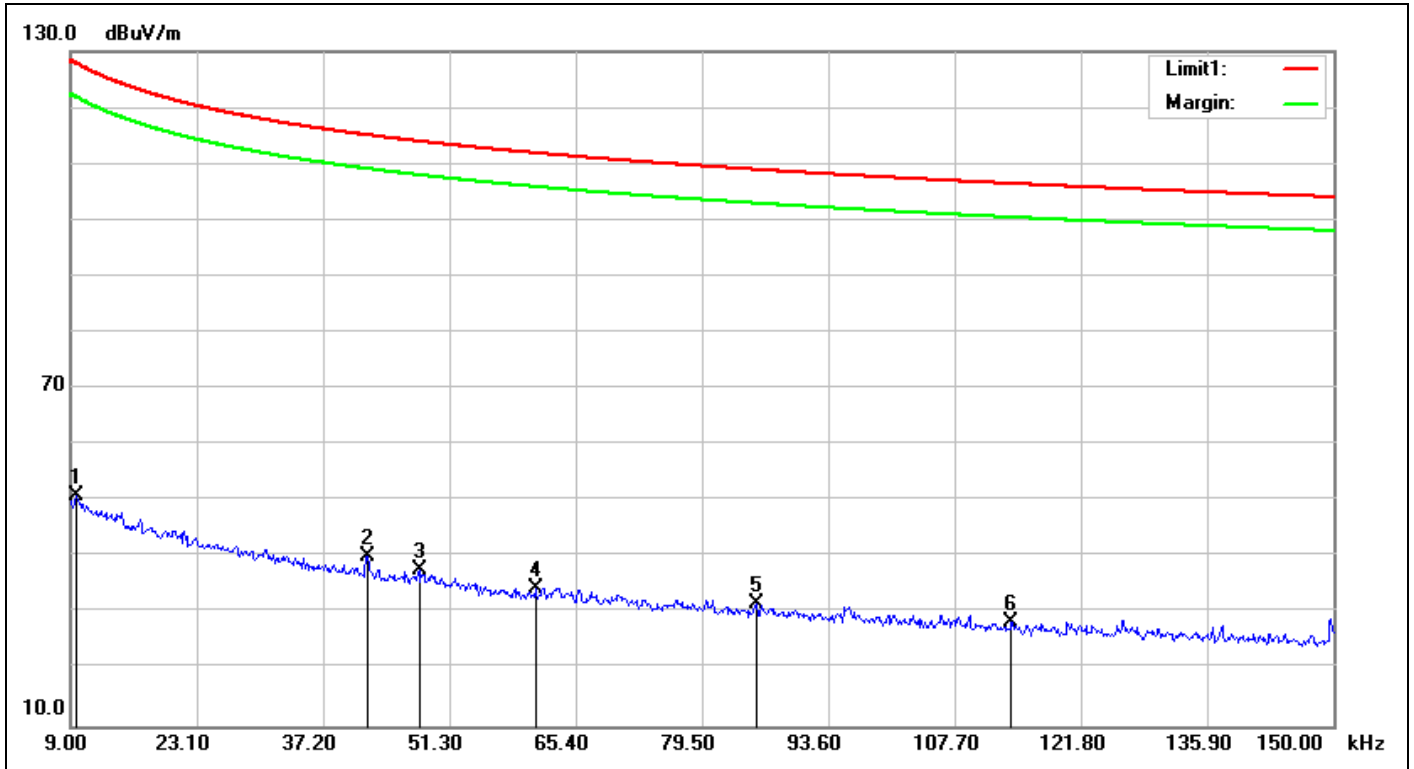
Spurious Emissions, RX Mode, 9k-30M, Straddle Channel



TUV Rheinland Taiwan Ltd.

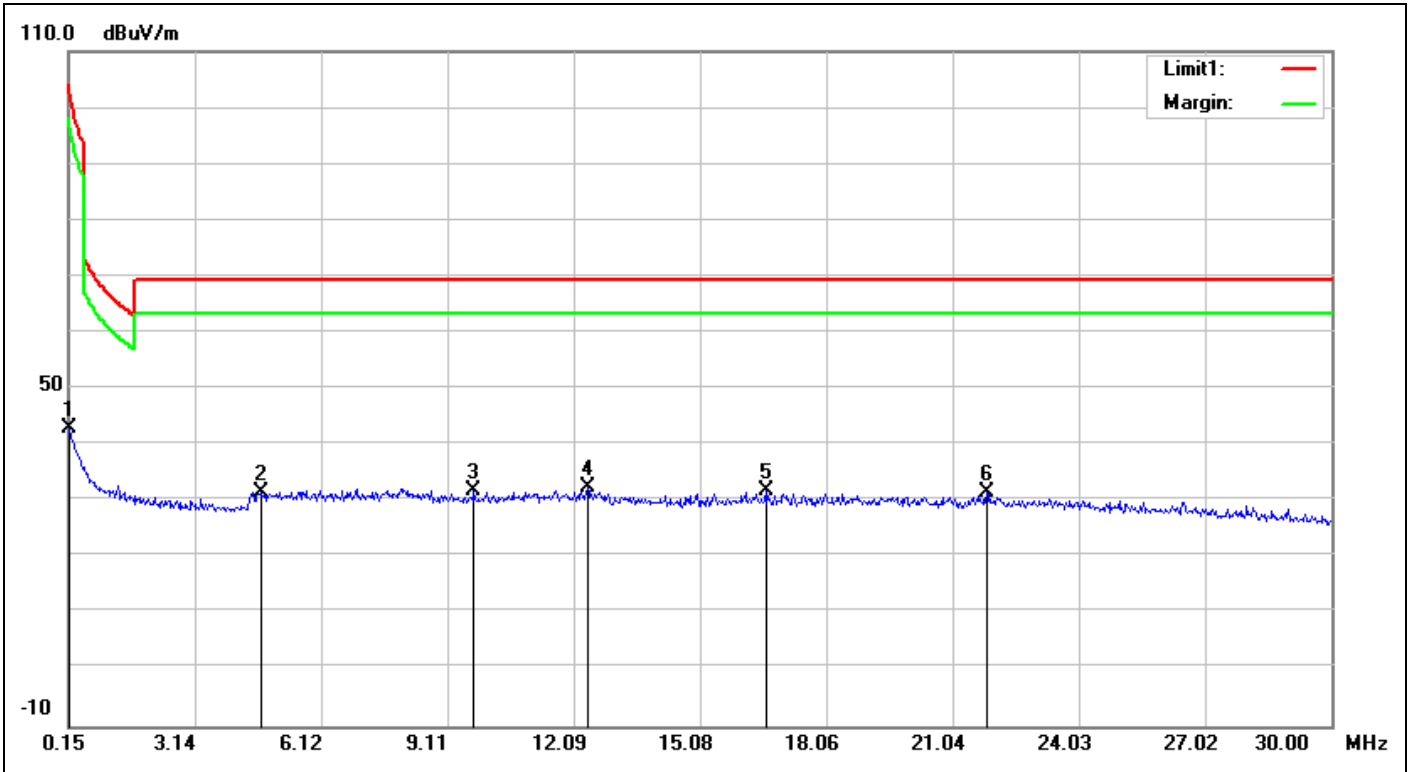
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/20 00:39:37
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5720-RX		
Remark:	Power Setting 27 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0096	19.77	31.11	50.88	127.94	-77.06	QP	100	107	
2	0.0421	19.71	20.48	40.19	115.11	-74.92	QP	100	278	
3	0.0479	19.50	18.12	37.62	113.99	-76.37	QP	100	90	
4	0.0609	19.36	15.21	34.57	111.90	-77.33	QP	100	285	
5	0.0856	19.22	12.44	31.66	108.95	-77.29	QP	100	130	
6	0.1140	19.12	9.35	28.47	106.46	-77.99	QP	100	294	



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/20 00:42:31
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5720-RX		
Remark:	Power Setting 27 23		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1799	19.06	23.95	43.01	102.50	-59.49	QP	100	173	
2	4.6872	19.56	12.07	31.63	69.50	-37.87	QP	100	331	
3	9.7319	20.20	11.68	31.88	69.50	-37.62	QP	100	344	
4	12.4184	20.65	11.77	32.42	69.50	-37.08	QP	100	121	
5	16.6272	21.39	10.42	31.81	69.50	-37.69	QP	100	1	
6	21.8510	22.11	9.50	31.61	69.50	-37.89	QP	100	236	

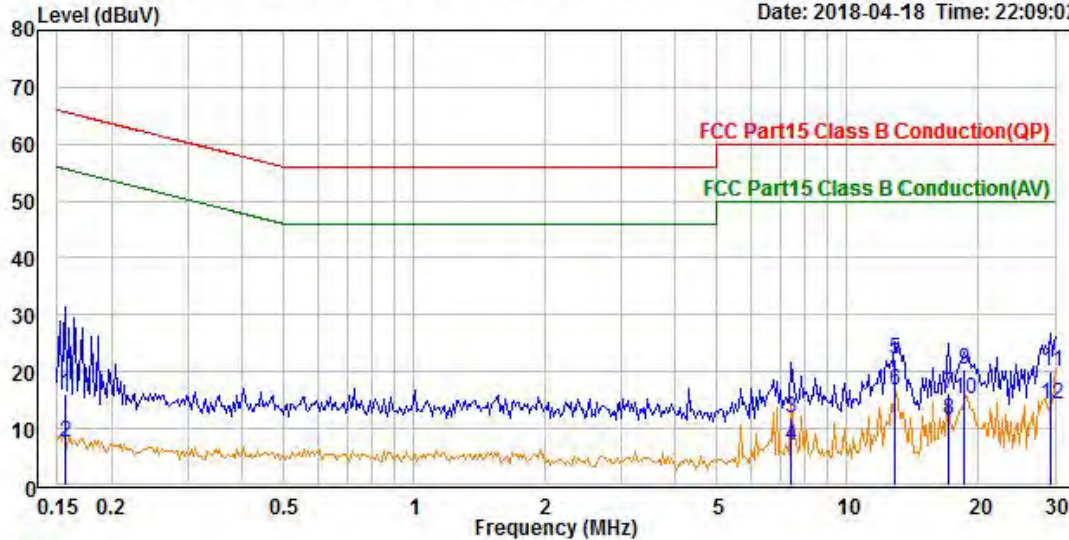
Mains Emissions, 150k-30M



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

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Date: 2018-04-18 Time: 22:09:02



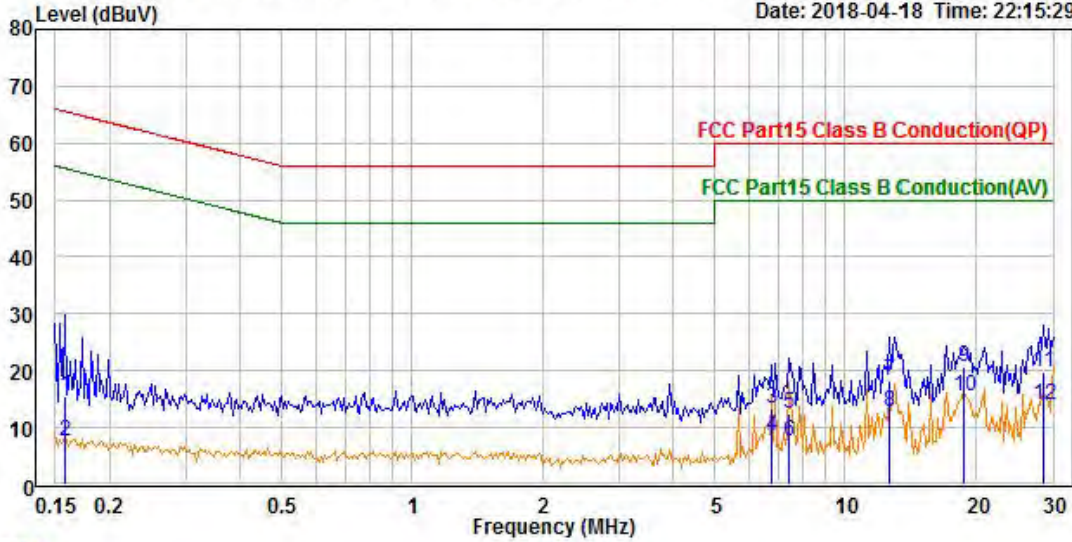
Trace: 1
 Site : Conduction room
 Condition : FCC Part15 Class B Conduction(QP) line1
 Test Engineer: Colin Lu
 Applicant : Hon Hai
 Product : 802.11 a/b/g/n/ac module
 Model No. : WFU033
 Test Rating : 5Vdc
 Tmp/Hum : 21 °C / 47 %
 Memo : (1) WIFI link

	Read Freq	Level	Factor	Level	Limit	Over	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.156	6.58	9.65	16.23	65.67	-49.44	QP
2	0.156	-2.18	9.65	7.47	55.67	-48.20	Average
3	7.460	1.95	9.77	11.72	60.00	-48.28	QP
4	7.460	-2.89	9.77	6.88	50.00	-43.12	Average
5	12.887	12.34	9.80	22.14	60.00	-37.86	QP
6	12.887	7.06	9.80	16.86	50.00	-33.14	Average
7	17.023	6.36	9.81	16.17	60.00	-43.83	QP
8	17.023	1.82	9.81	11.63	50.00	-38.37	Average
9	18.432	10.51	9.81	20.32	60.00	-39.68	QP
10	18.432	5.48	9.81	15.29	50.00	-34.71	Average
11	29.409	10.43	9.79	20.22	60.00	-39.78	QP
12	29.409	4.38	9.79	14.17	50.00	-35.83	Average



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Date: 2018-04-18 Time: 22:15:29



Trace: 1

Site : Conduction room
 Condition : FCC Part15 Class B Conduction(QP) neutral
 Test Engineer: Colin Lu
 Applicant : Hon Hai
 Product : 802.11 a/b/g/n/ac module
 Model No. : WFU033
 Test Rating : 5Vdc
 Tmp/Hum : 21 °C / 47 %
 Memo : (1) WIFI link

	Read Freq	Level	Factor	Level	Limit	Over	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.158	5.74	9.66	15.40	65.59	-50.19	QP
2	0.158	-2.15	9.66	7.51	55.59	-48.08	Average
3	6.754	3.53	9.77	13.30	60.00	-46.70	QP
4	6.754	-1.26	9.77	8.51	50.00	-41.49	Average
5	7.460	2.62	9.78	12.40	60.00	-47.60	QP
6	7.460	-2.25	9.78	7.53	50.00	-42.47	Average
7	12.634	8.42	9.83	18.25	60.00	-41.75	QP
8	12.634	2.80	9.83	12.63	50.00	-37.37	Average
9	18.617	10.66	9.87	20.53	60.00	-39.47	QP
10	18.617	5.73	9.87	15.60	50.00	-34.40	Average
11	28.545	9.94	9.89	19.83	60.00	-40.17	QP
12	28.545	4.23	9.89	14.12	50.00	-35.88	Average