

Test Report No.50140127 001

Appendix D: Radiated and Mains Spurious Emission Data

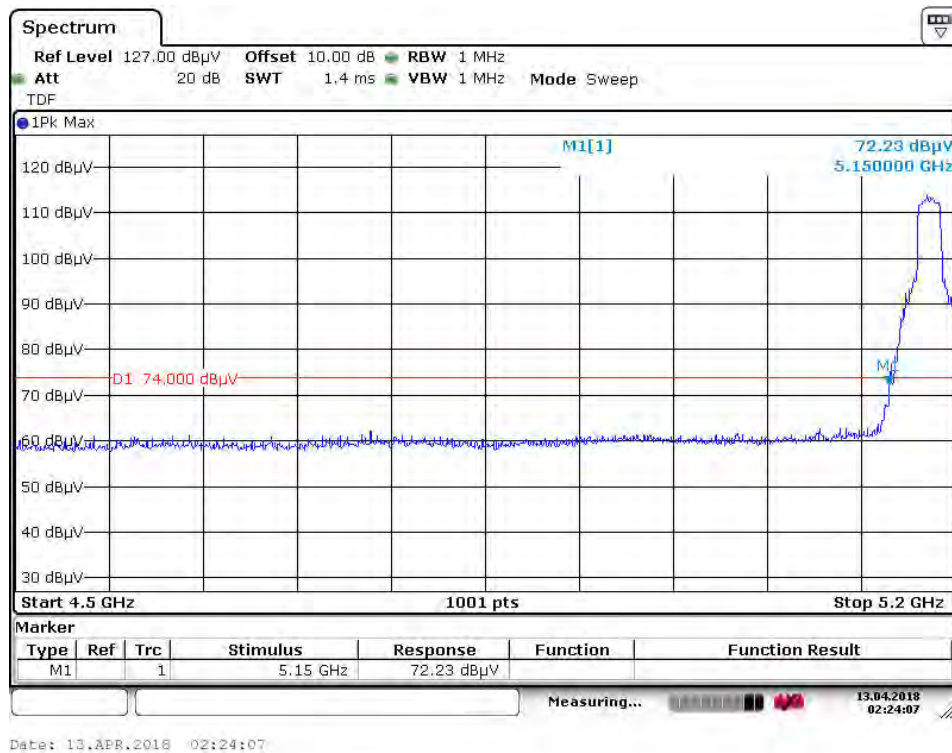
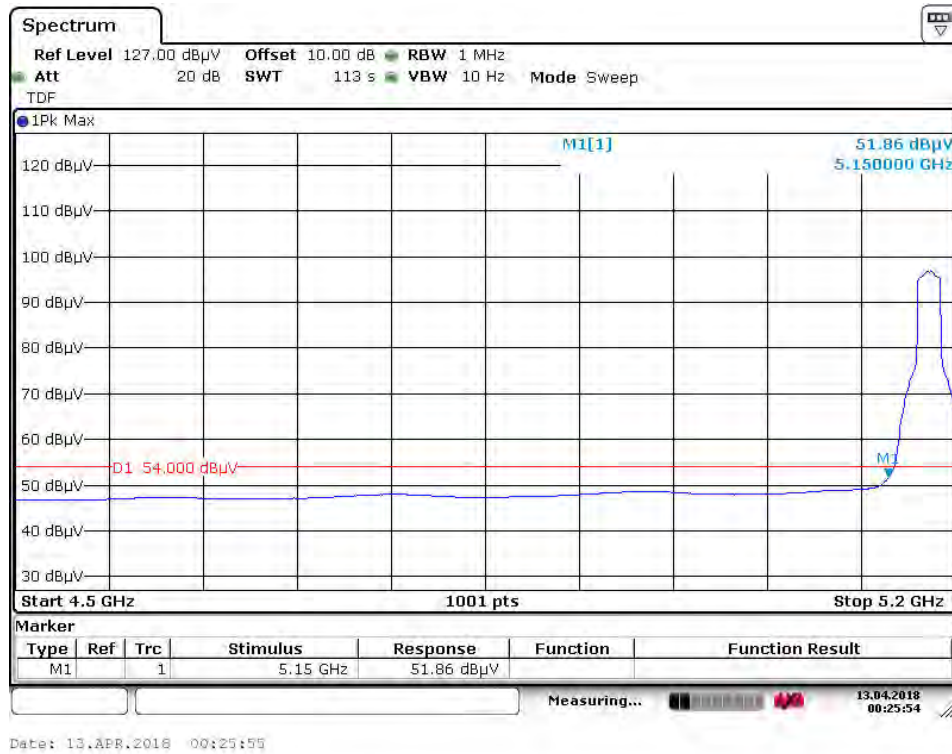
(File: 50140127AppendixD)

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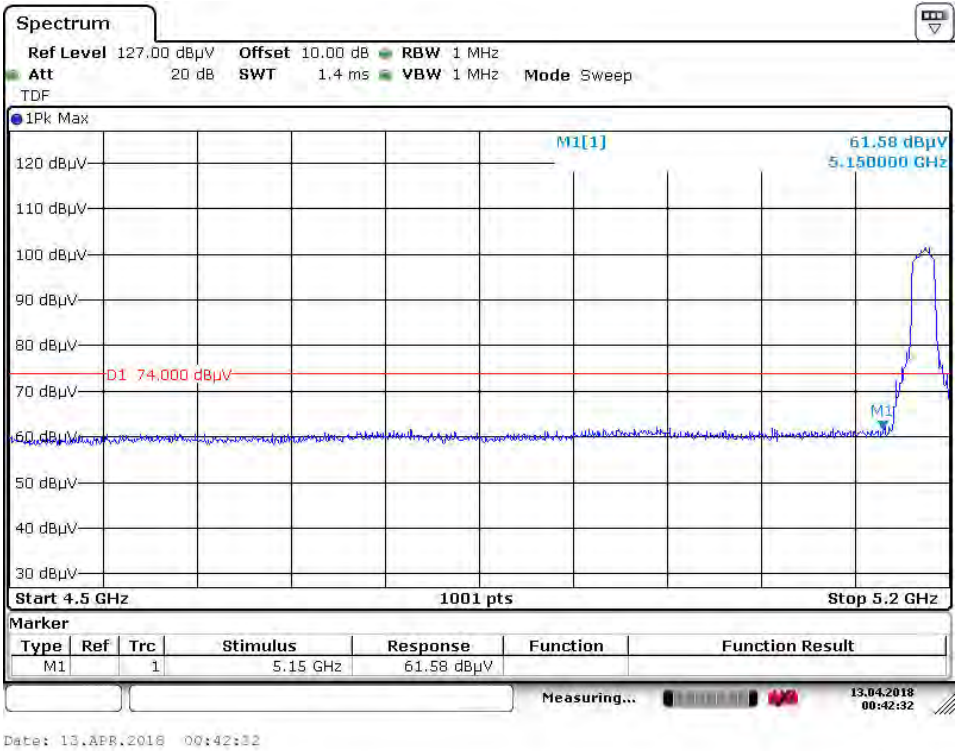
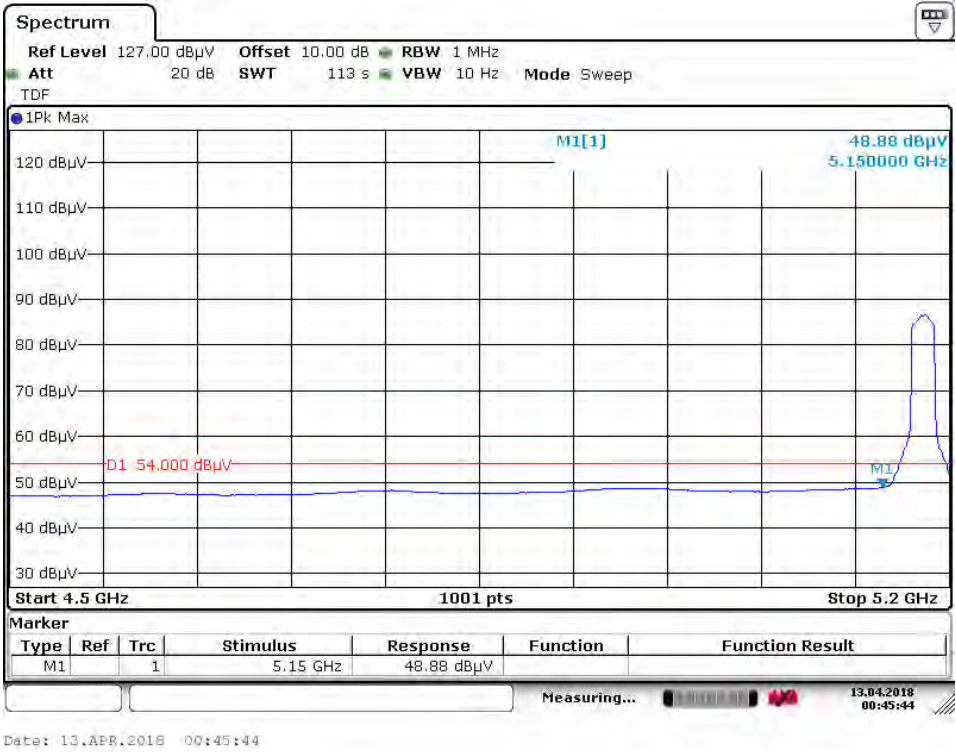
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Radiated Bandedge 11a IN 5.2GHz BAND

Low Channel (Hor) 5180

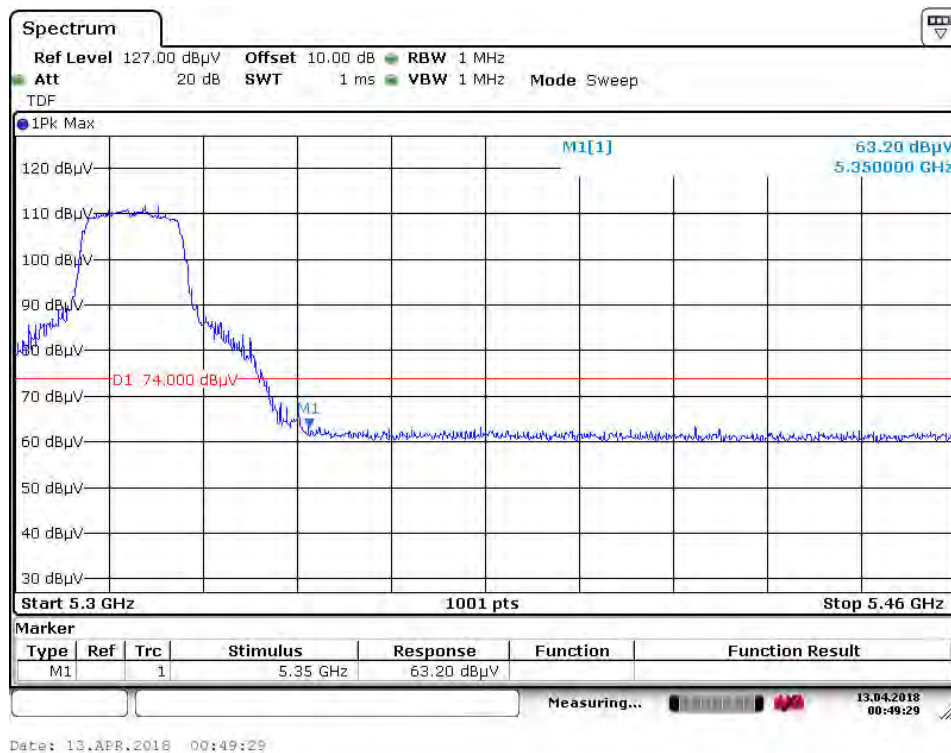


Low Channel (Ver) 5180

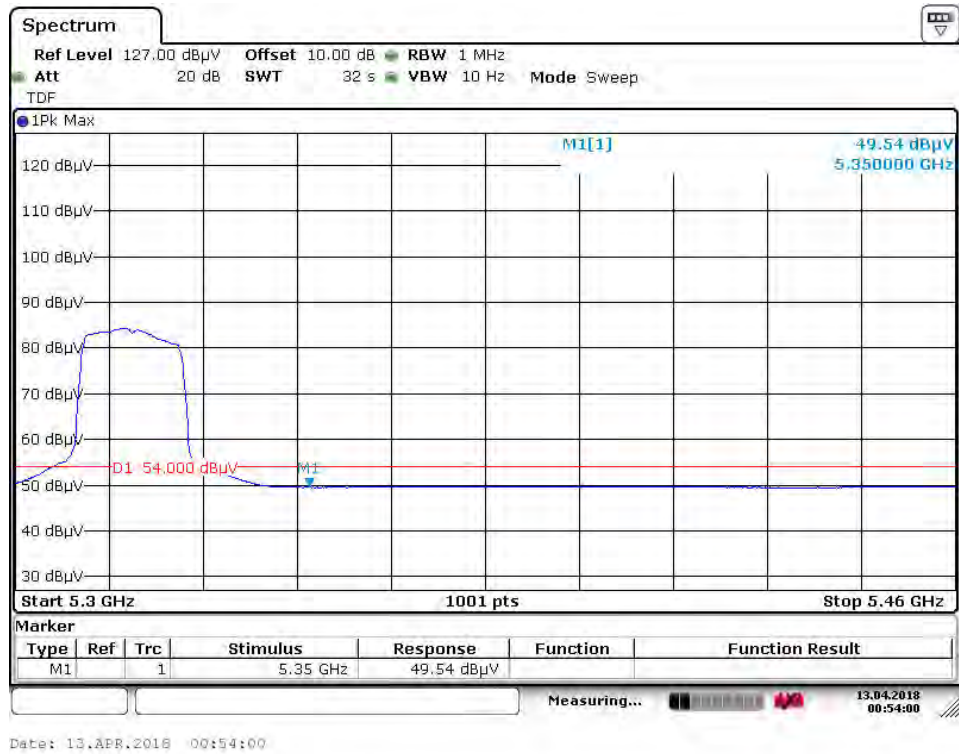


Radiated Bandedge 11a IN 5.3GHz BAND

High Channel (Hor) 5320

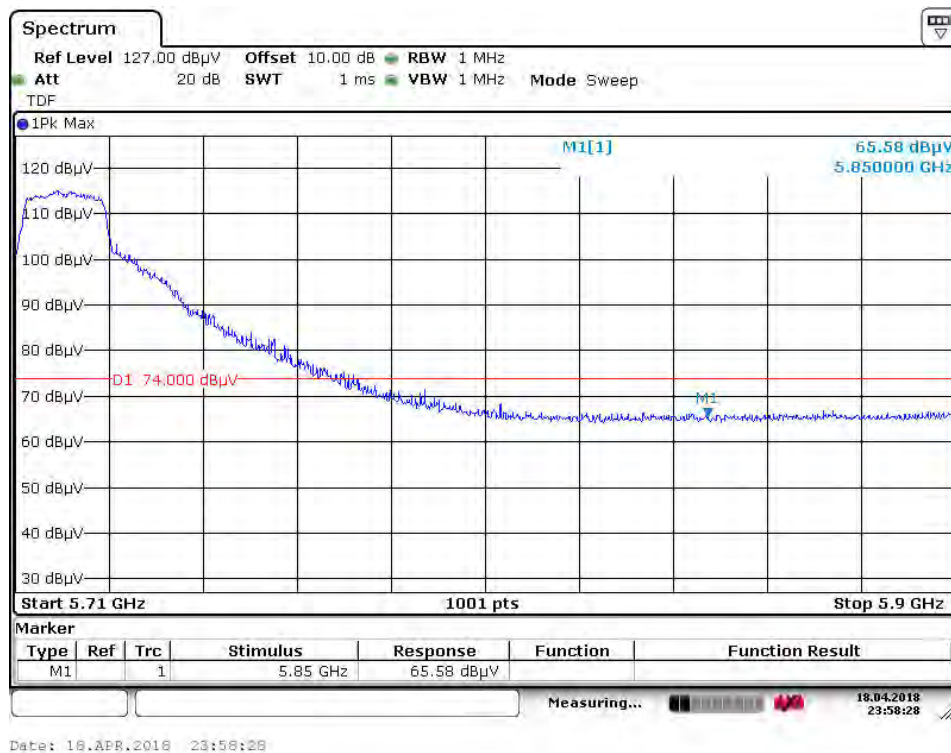


High Channel (Ver) 5320

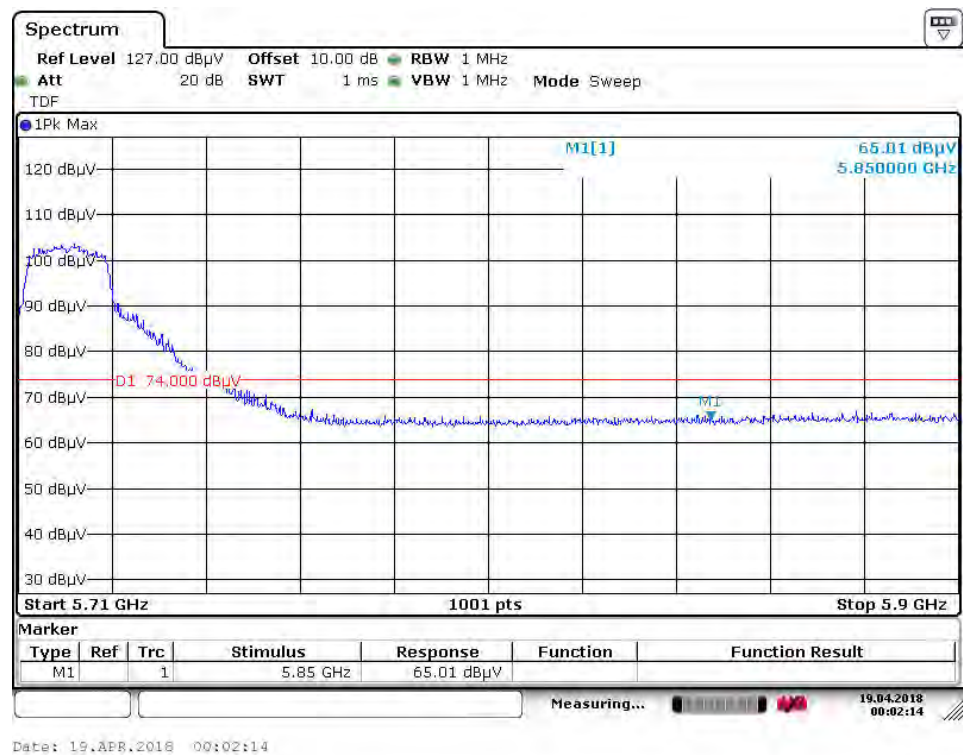


Radiated Bandedge 11a IN 5.6GHz BAND

High Channel (Hor) 5720

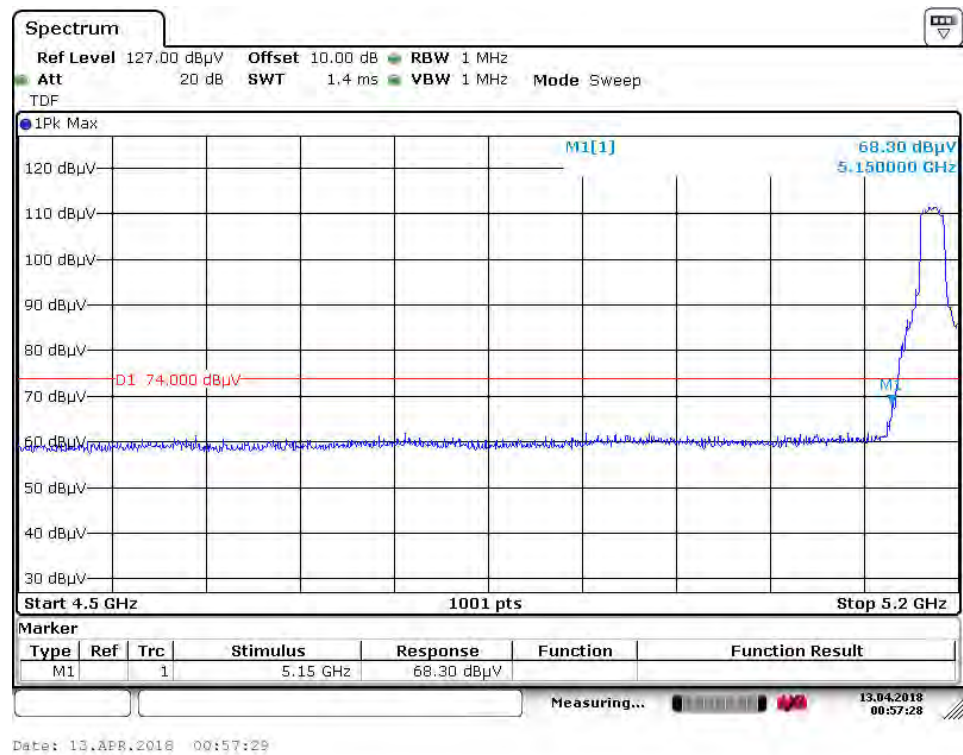
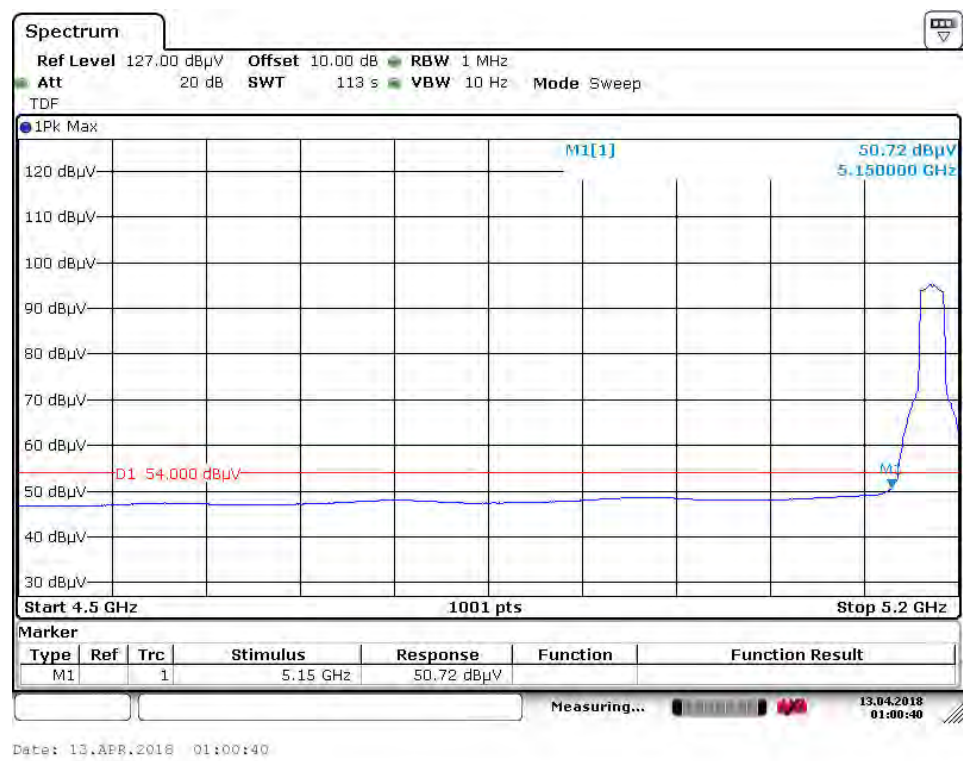


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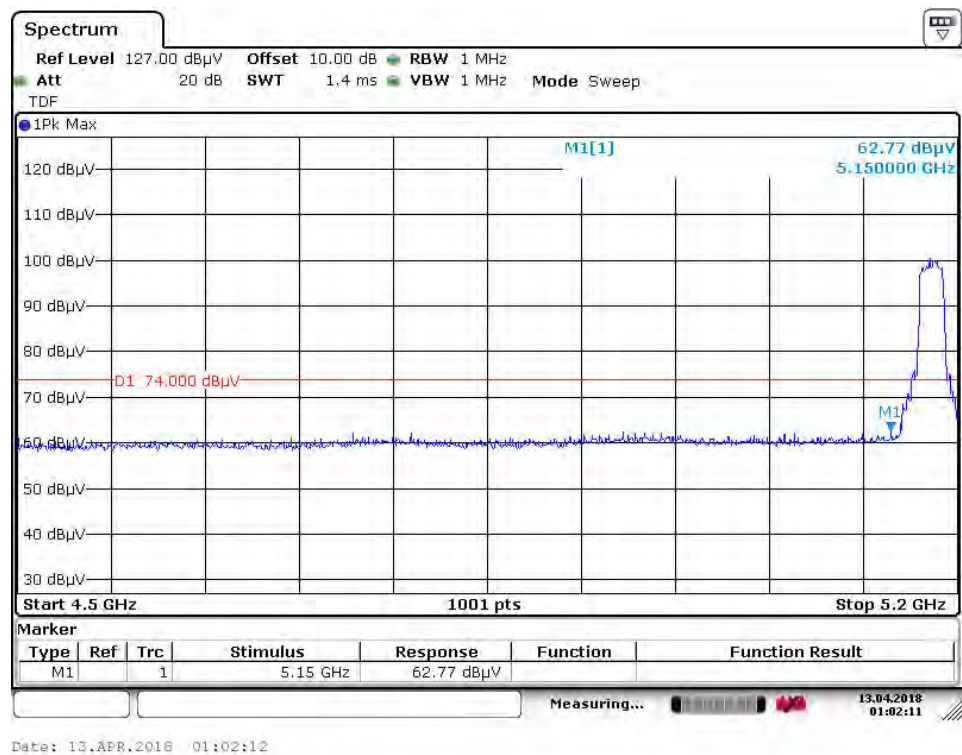
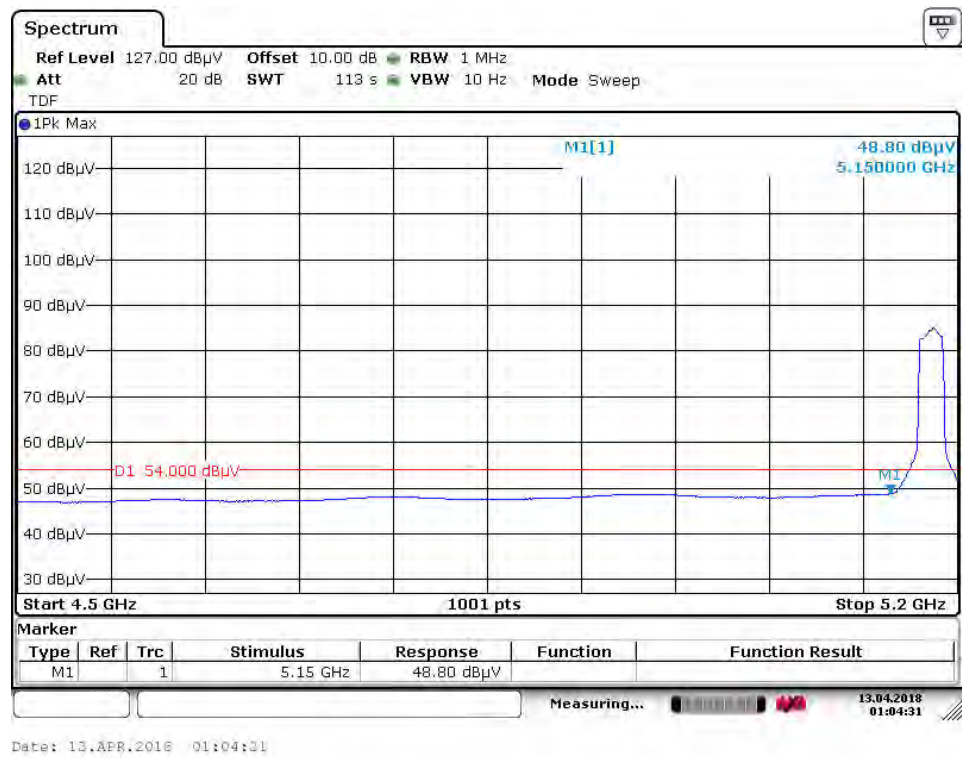


Radiated Bandedge 11ac20 IN 5.2GHz BAND

Low Channel (Hor) 5180



Low Channel (Ver) 5180

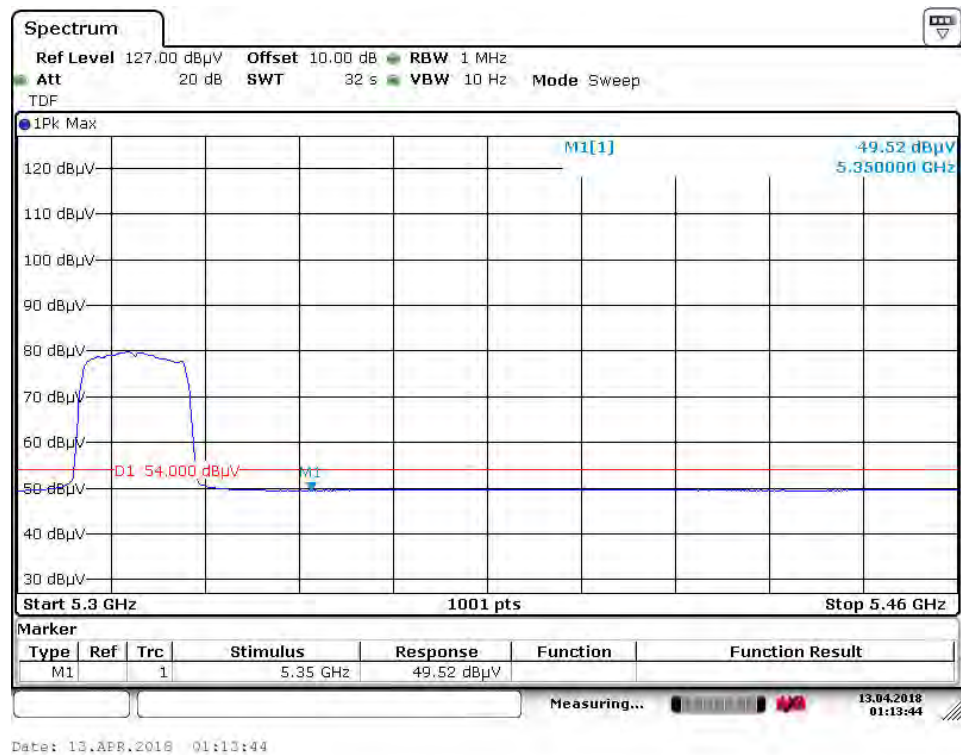


Radiated Bandedge 11ac20 IN 5.3GHz BAND

High Channel (Hor) 5320

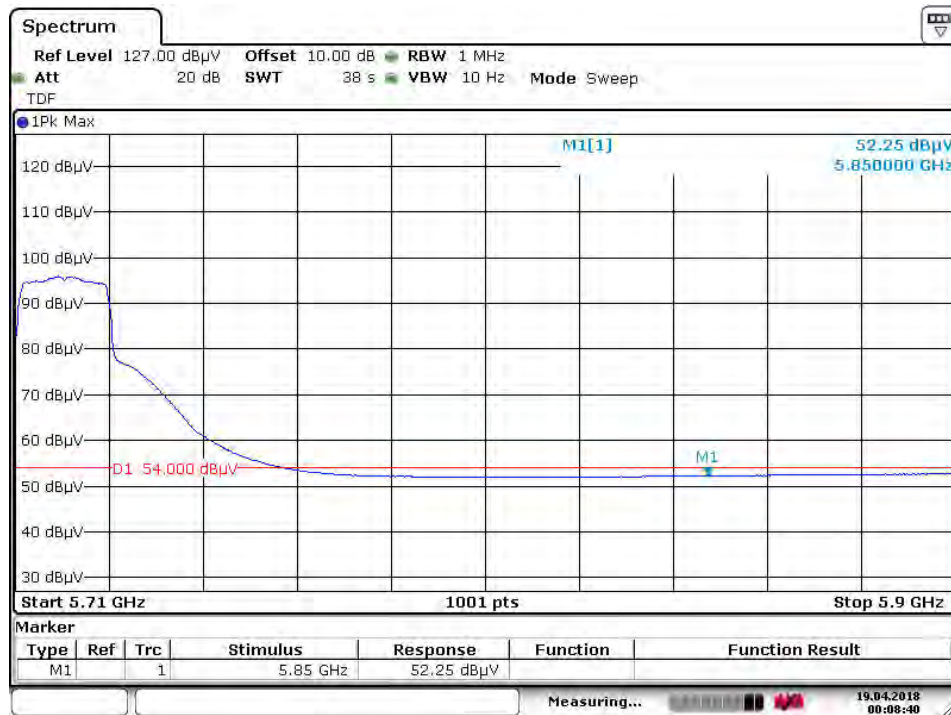


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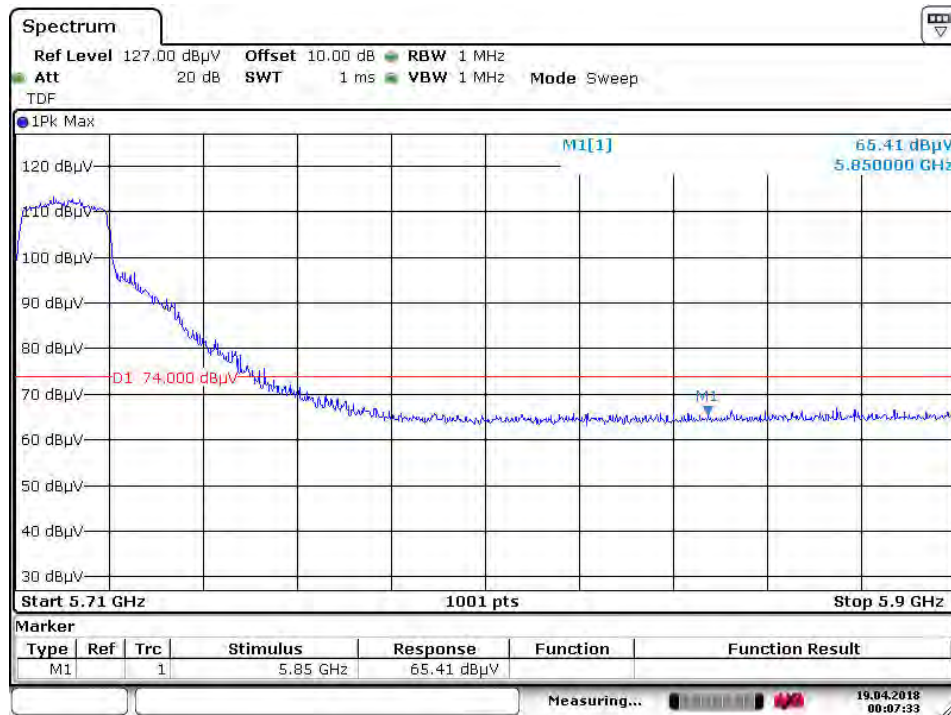


Radiated Bandedge 11ac20 IN 5.6GHz BAND

High Channel (Hor) 5720

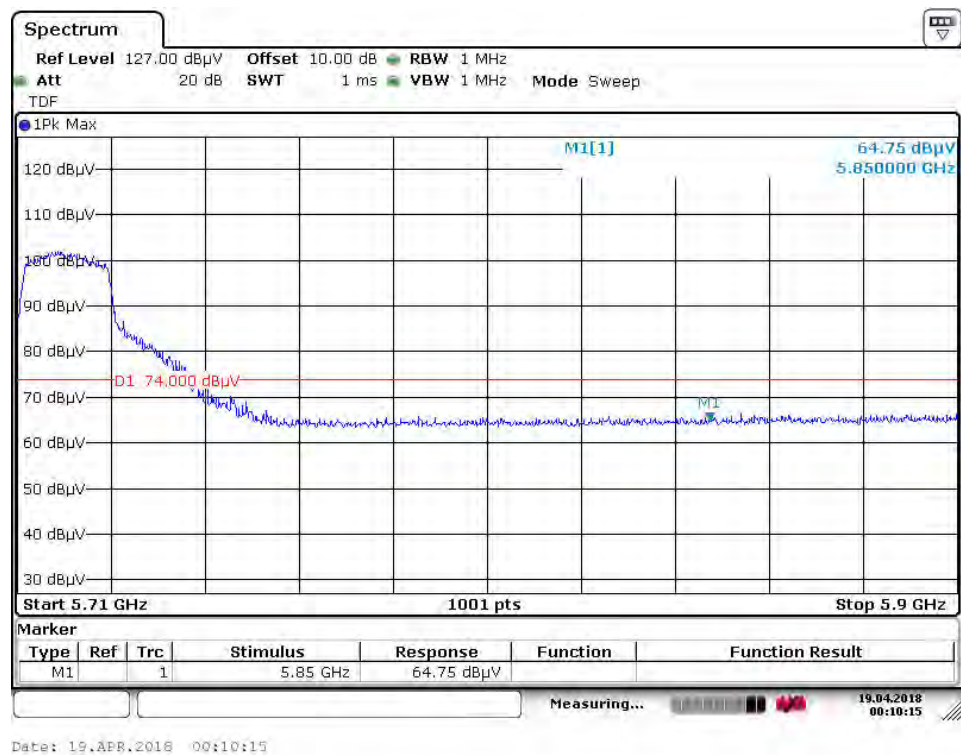
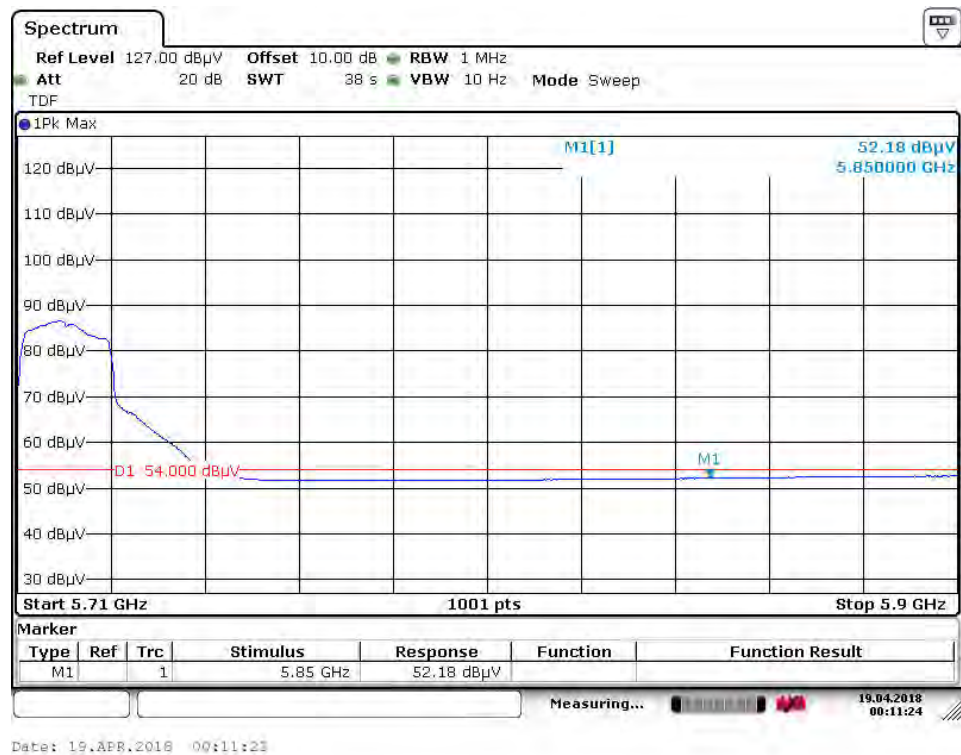


Date: 19.APR.2018 00:08:39



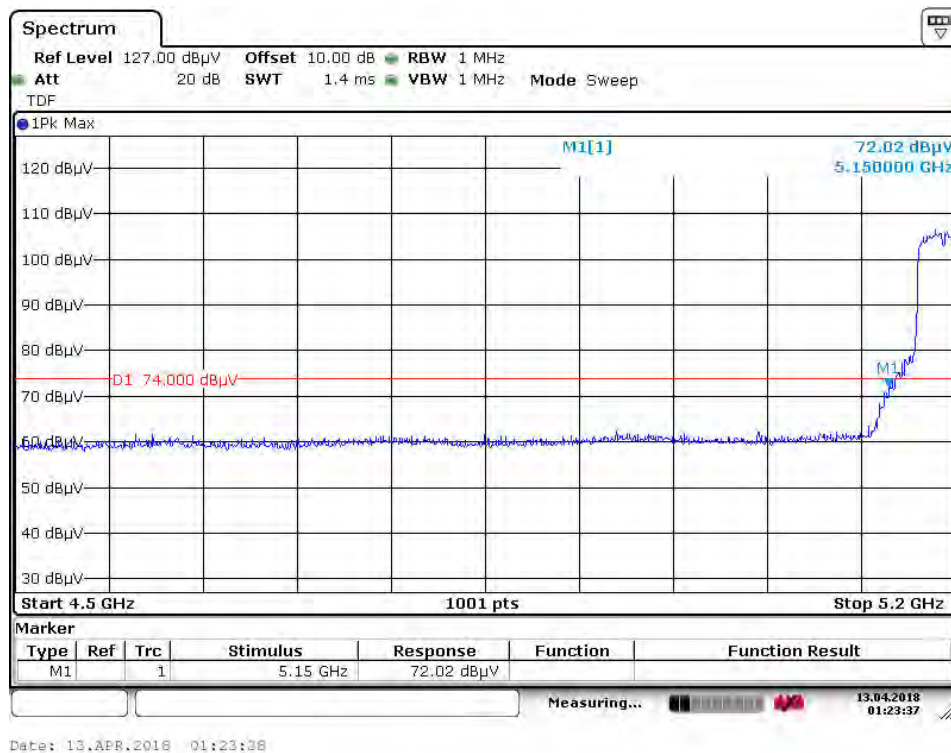
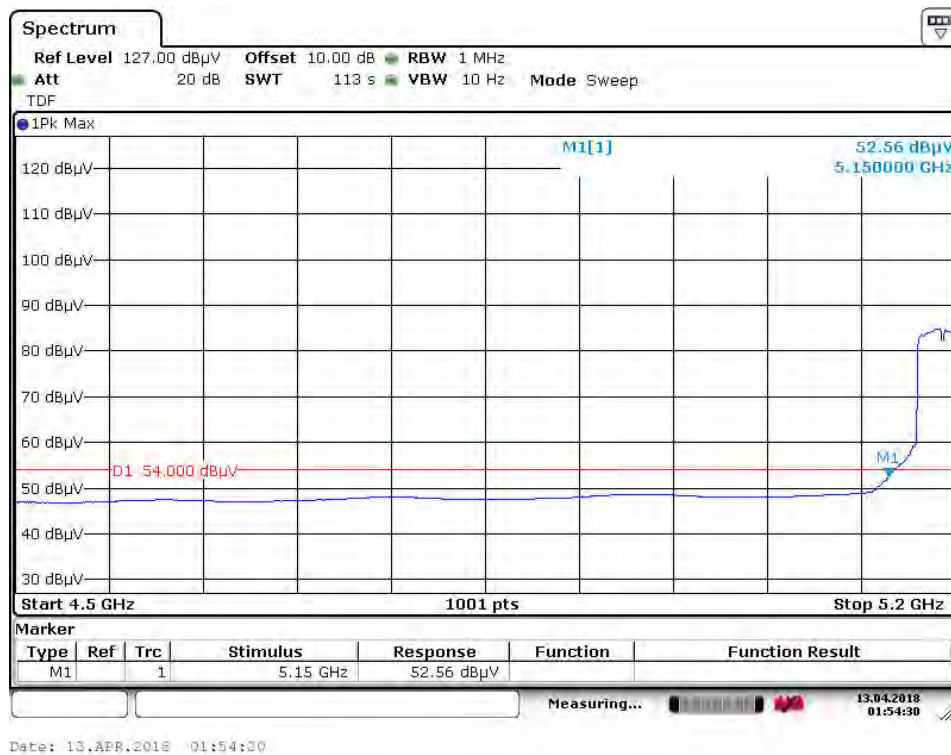
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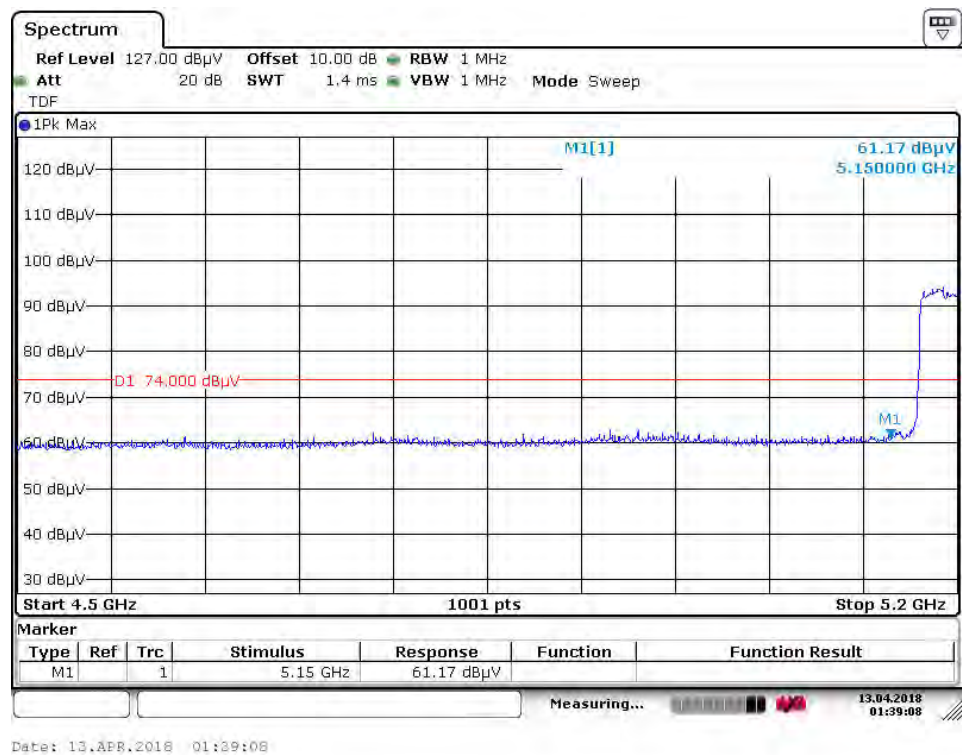
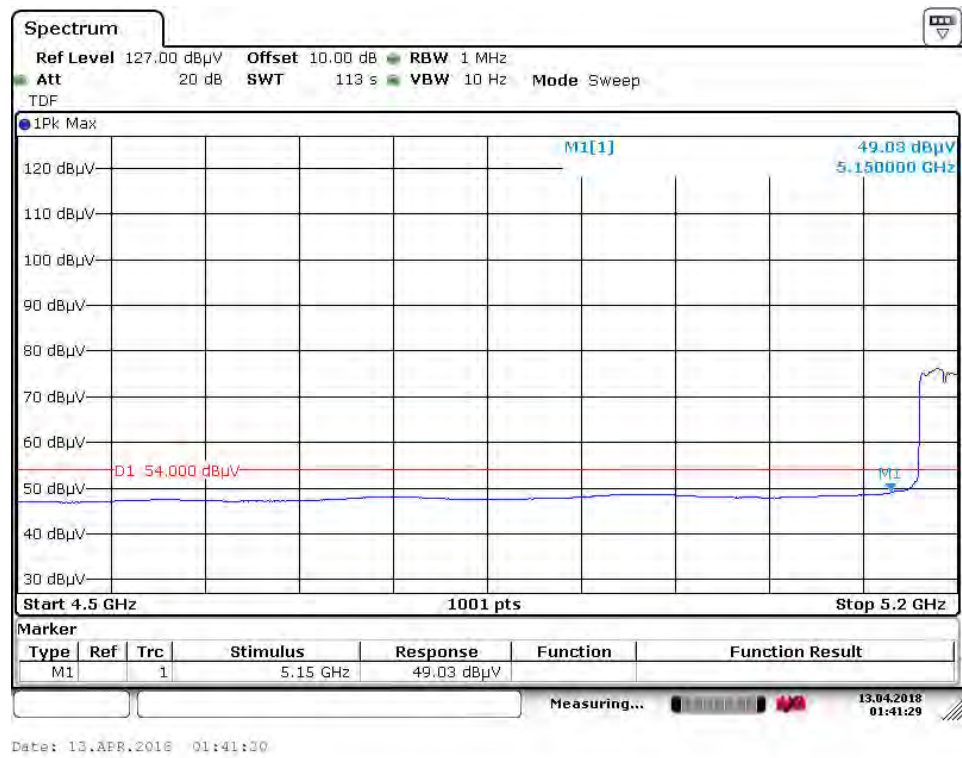


Radiated Bandedge 11ac40 IN 5.2GHz BAND

Low Channel (Hor) 5190

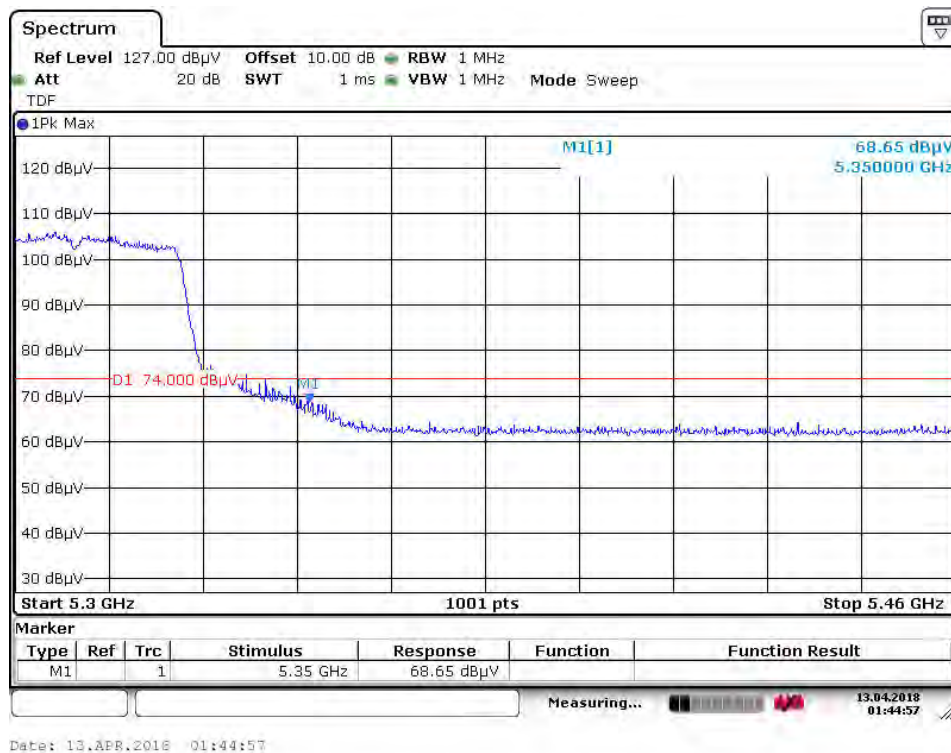


Low Channel (Ver) 5190

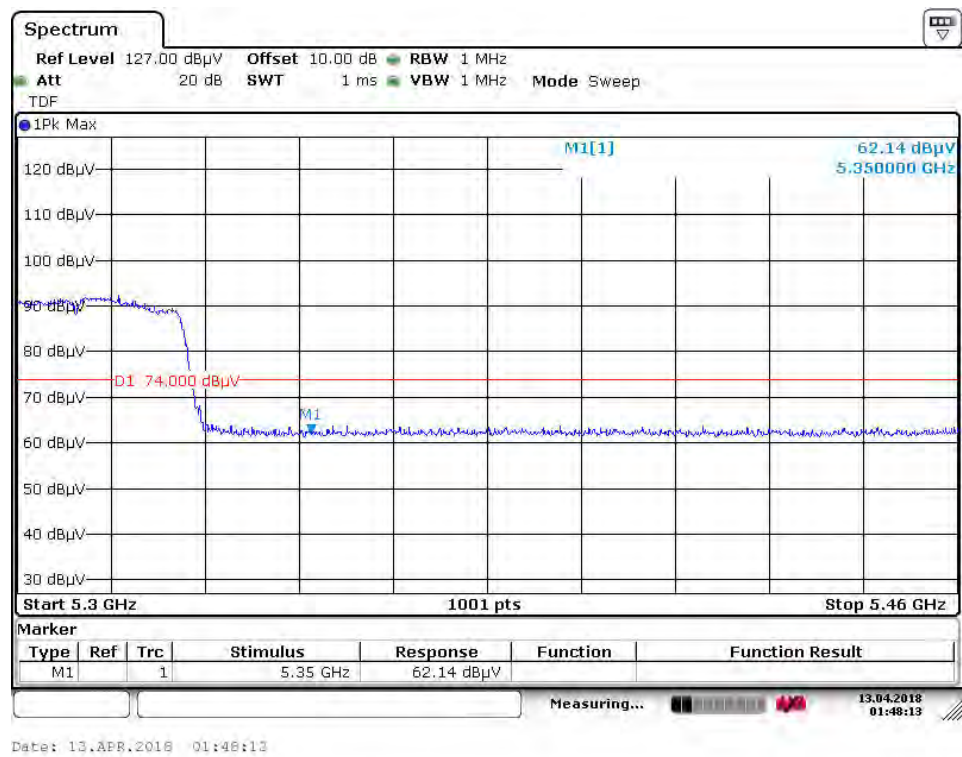
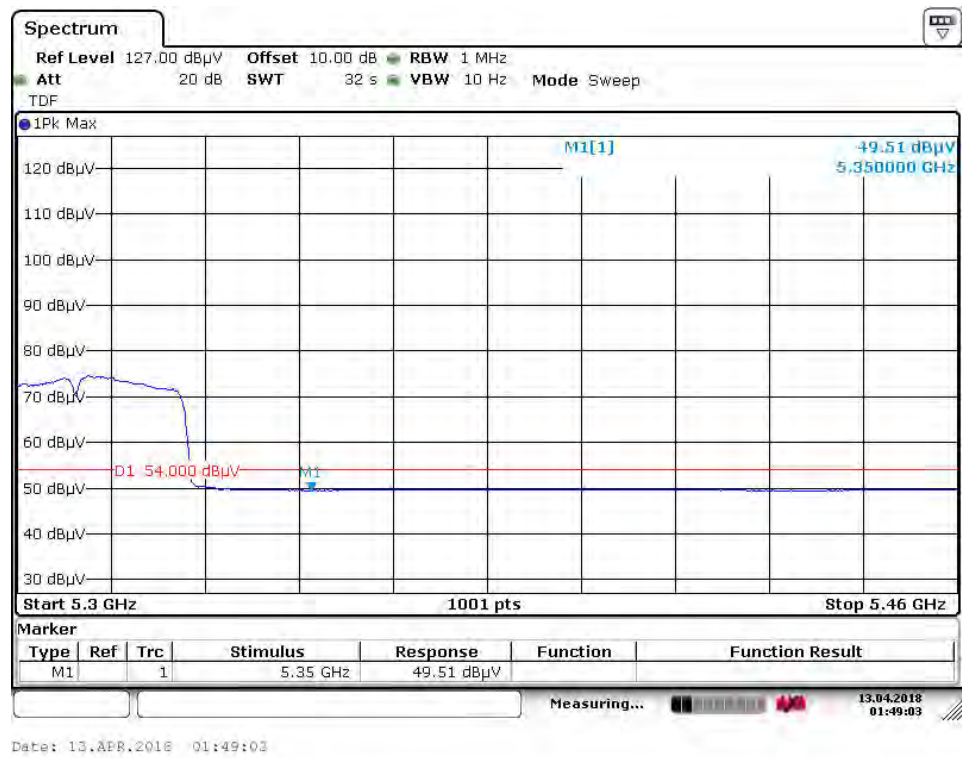


Radiated Bandedge 11ac40 IN 5.3GHz BAND

High Channel (Hor) 5310

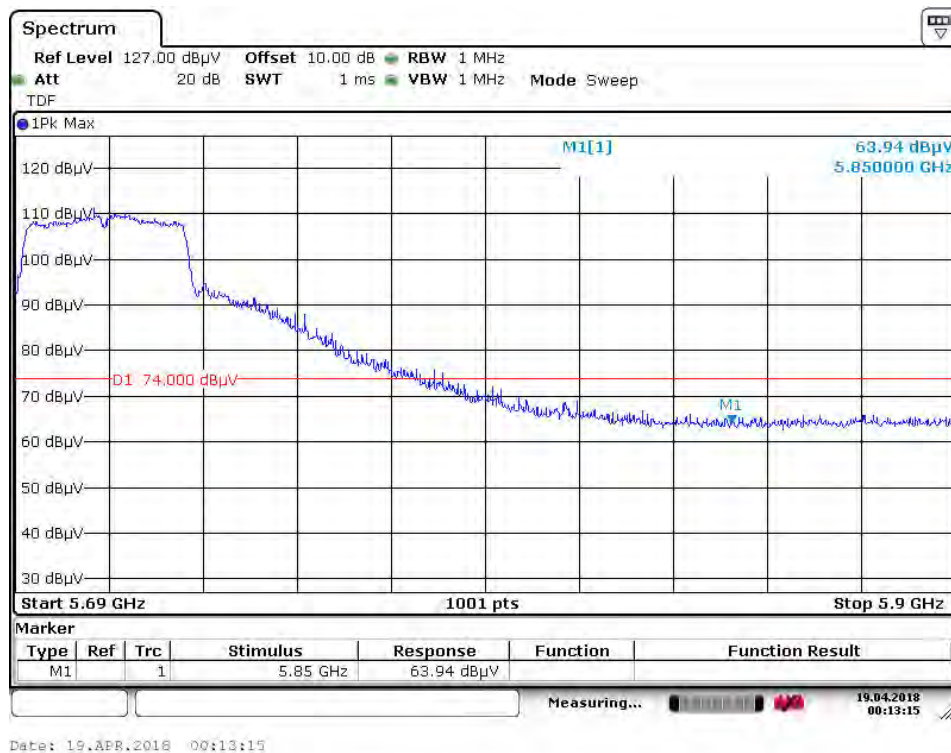


High Channel (Ver) 5310

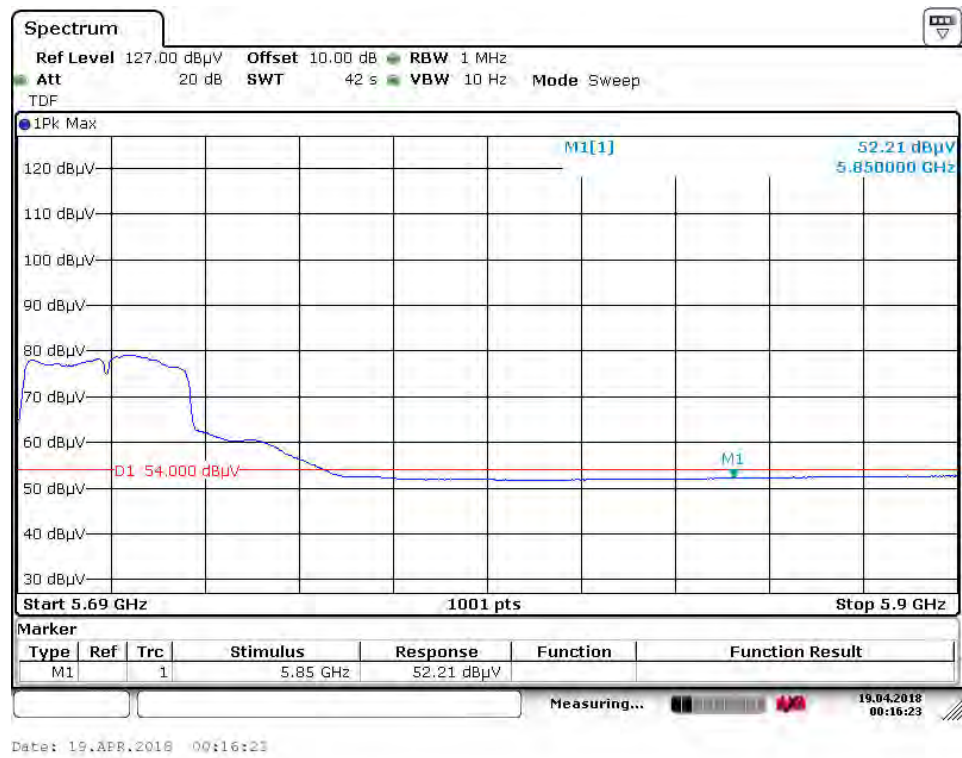


Radiated Bandedge 11ac40 IN 5.6GHz BAND

High Channel (Hor) 5710

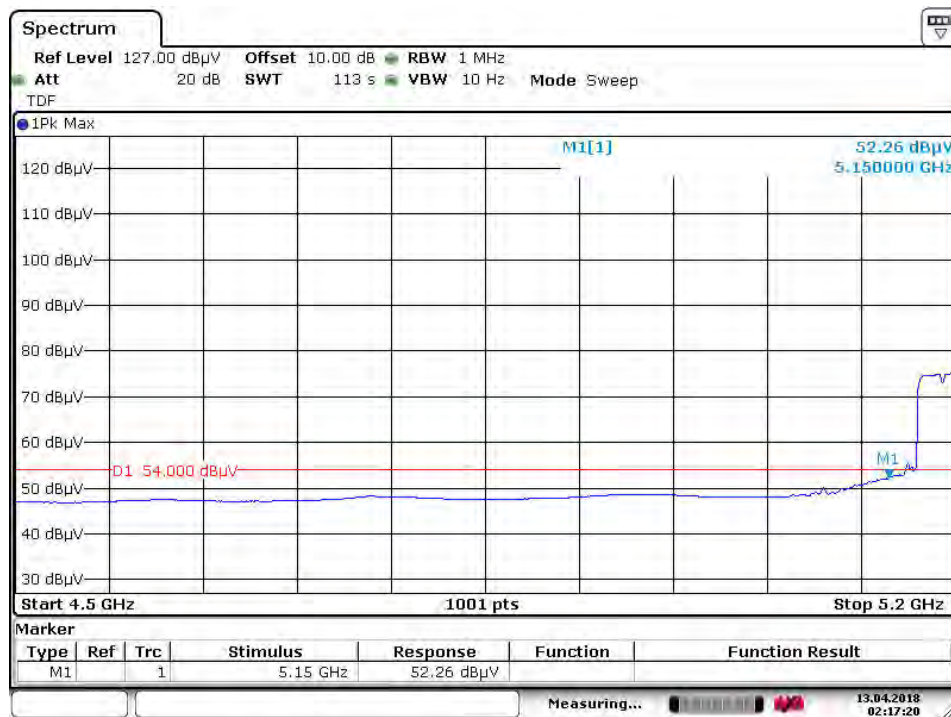


High Channel (Ver) 5710

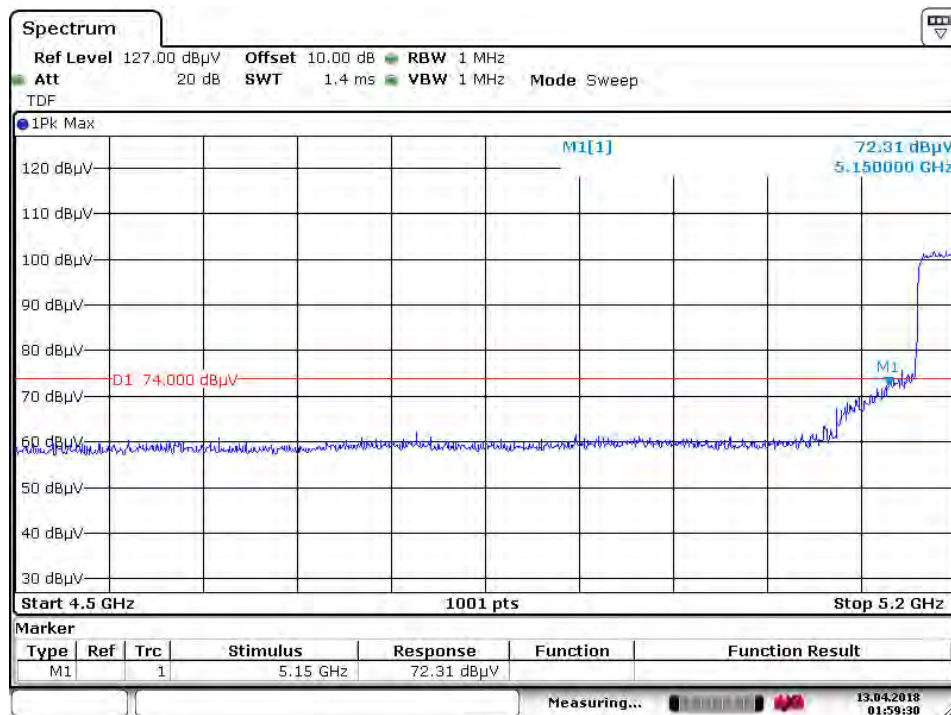


Radiated Bandedge 11ac80 IN 5.2GHz BAND

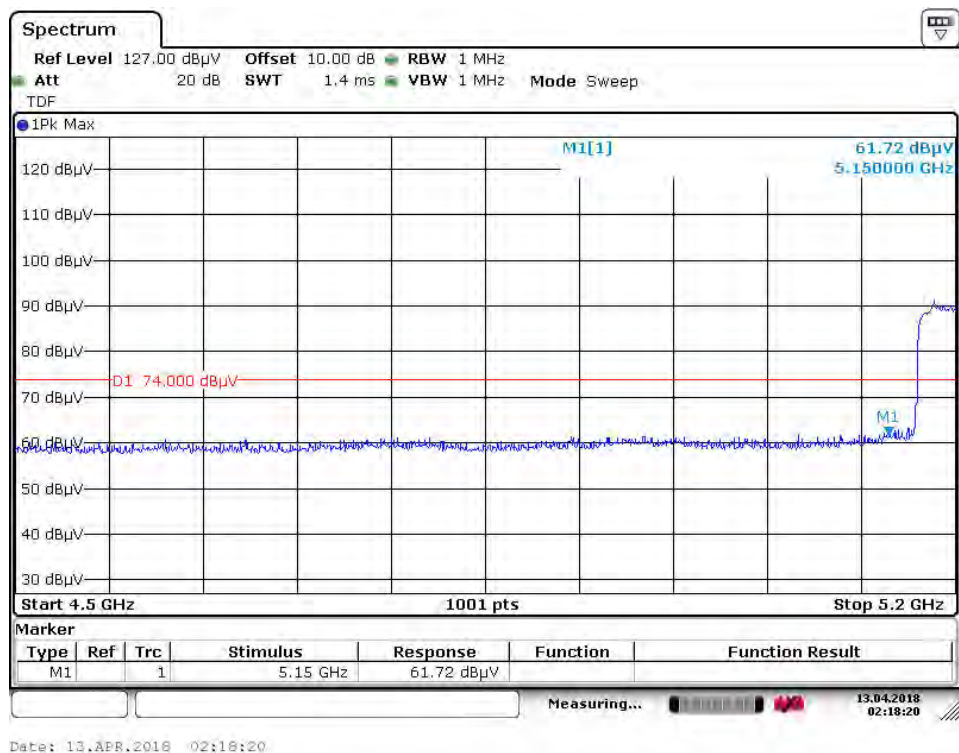
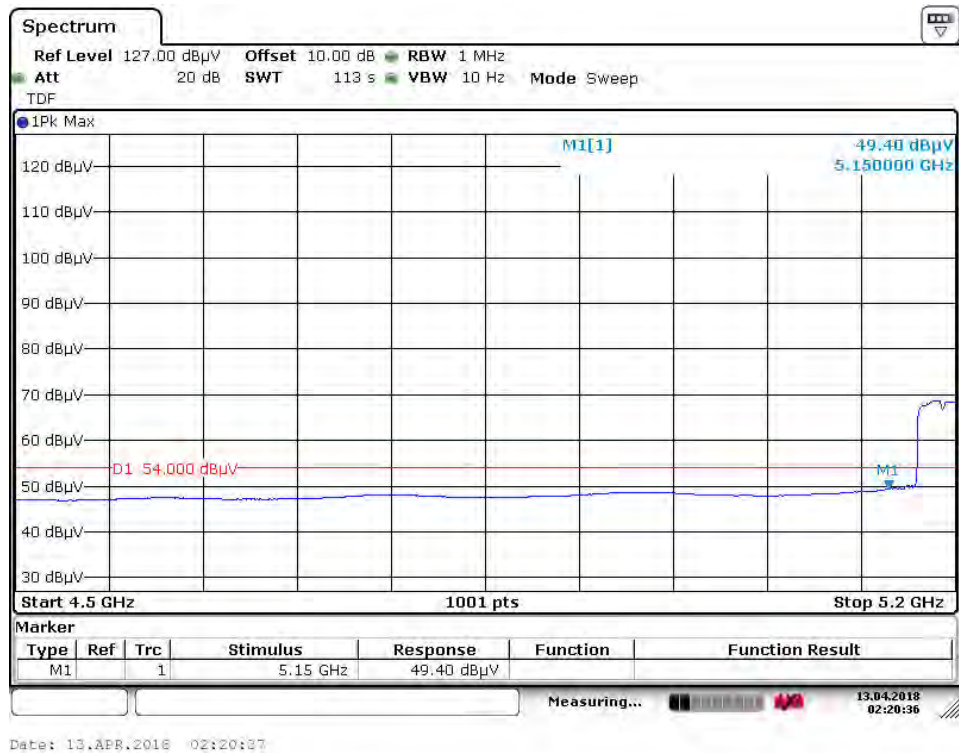
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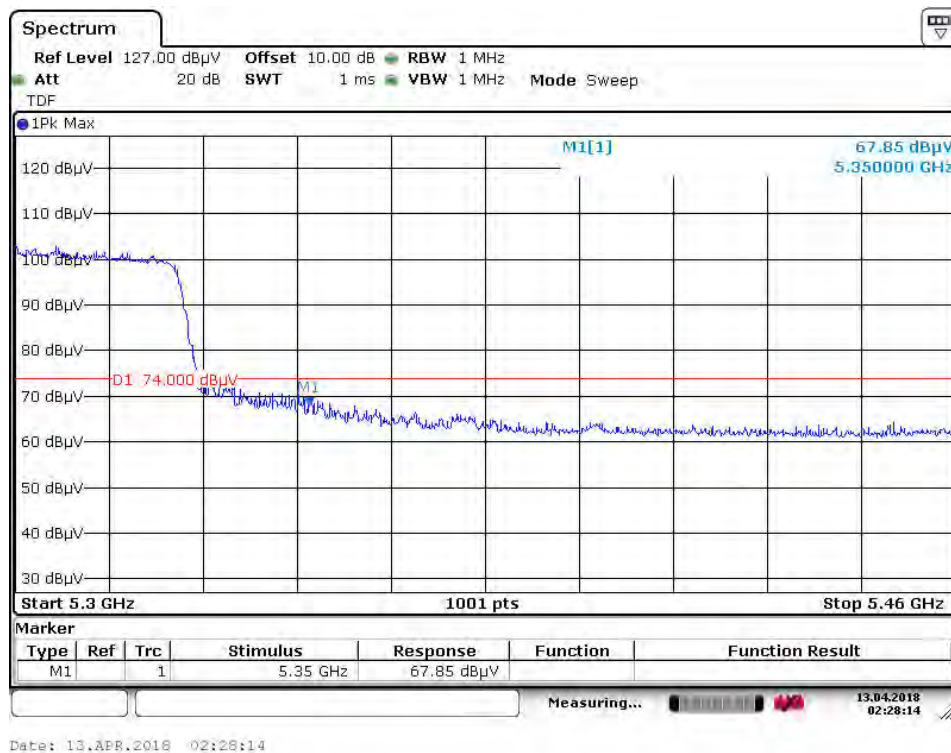
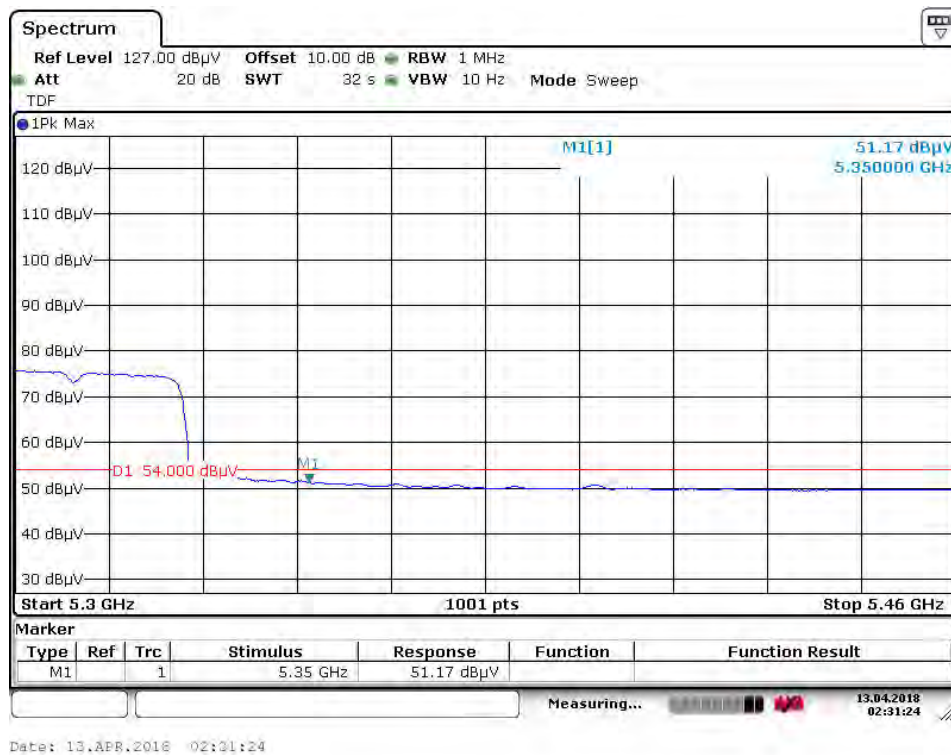


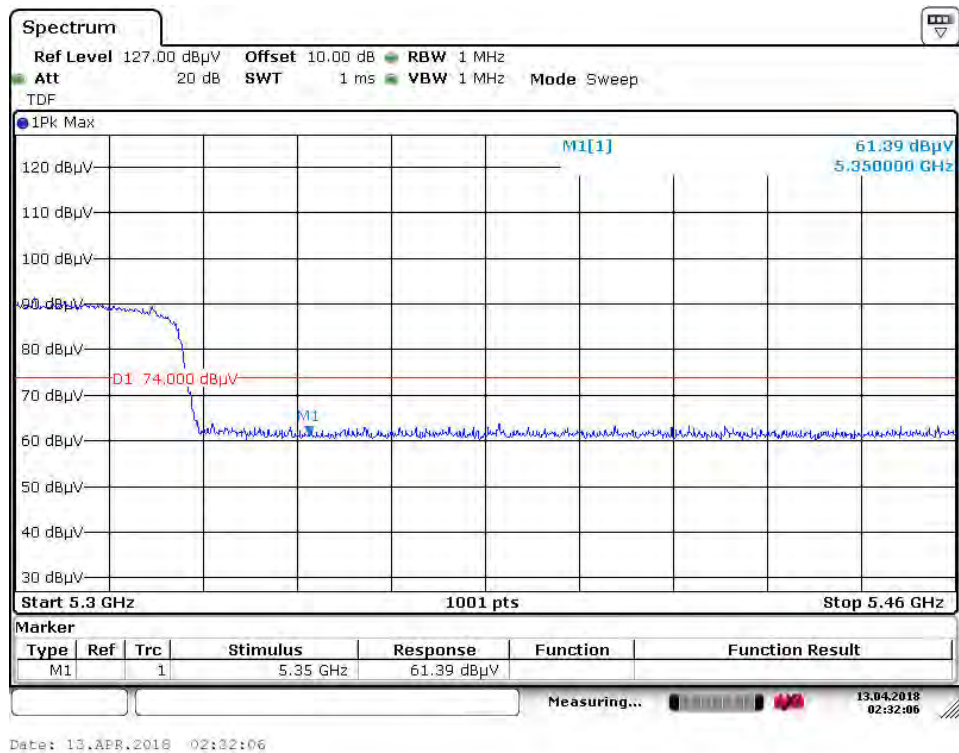
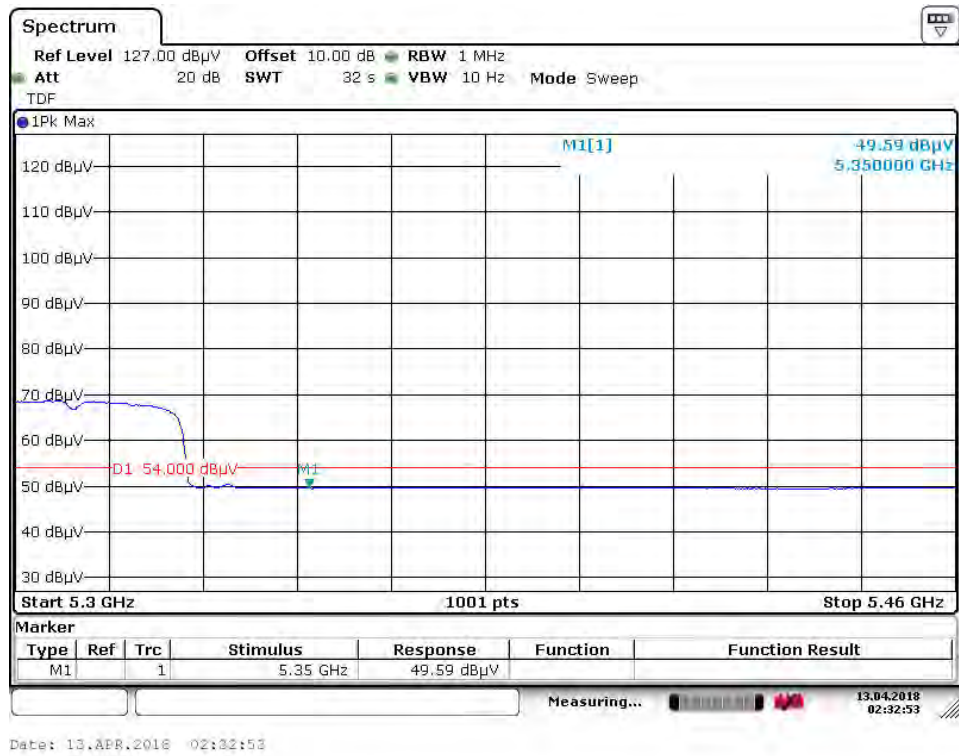
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Radiated Bandedge 11ac80 IN 5.3GHz BAND

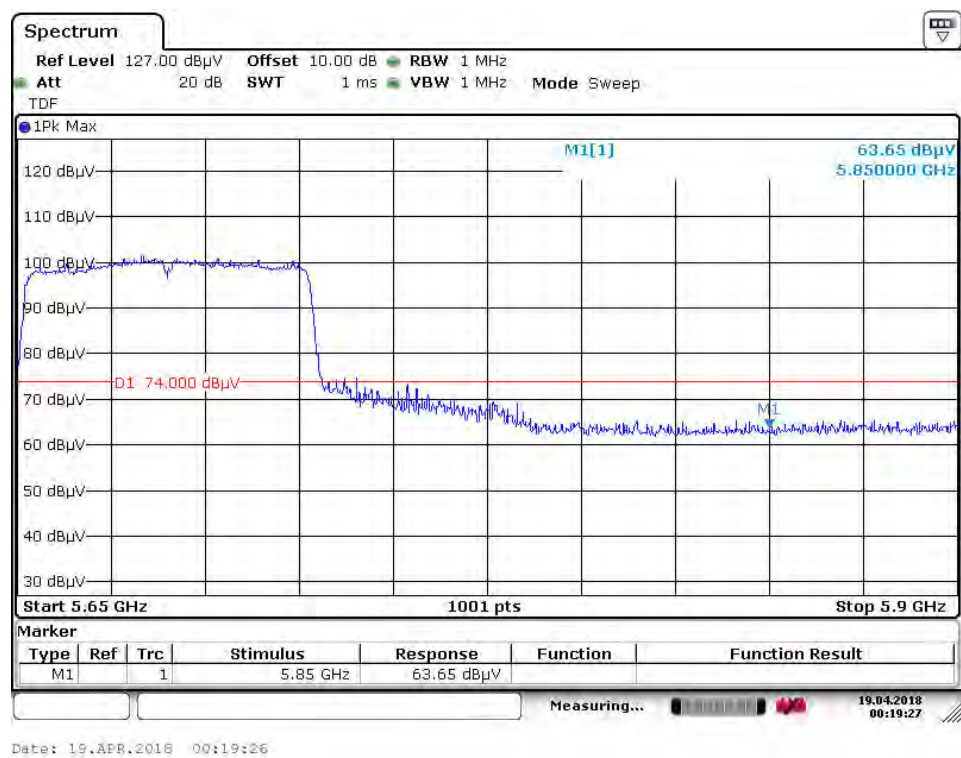
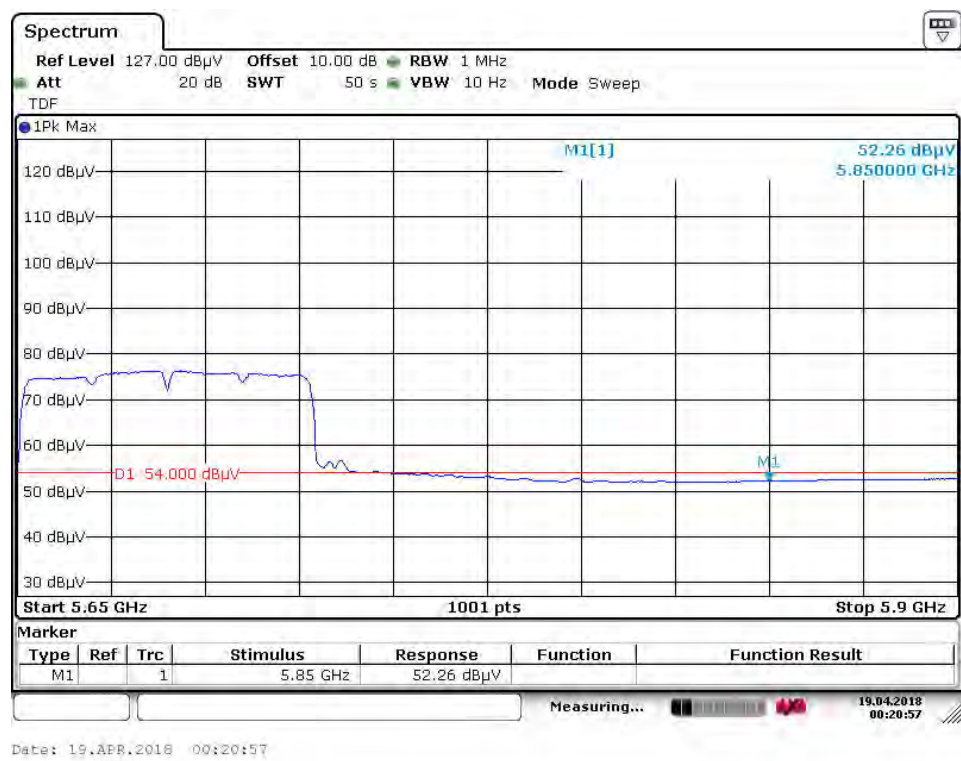
(Hor) 5290

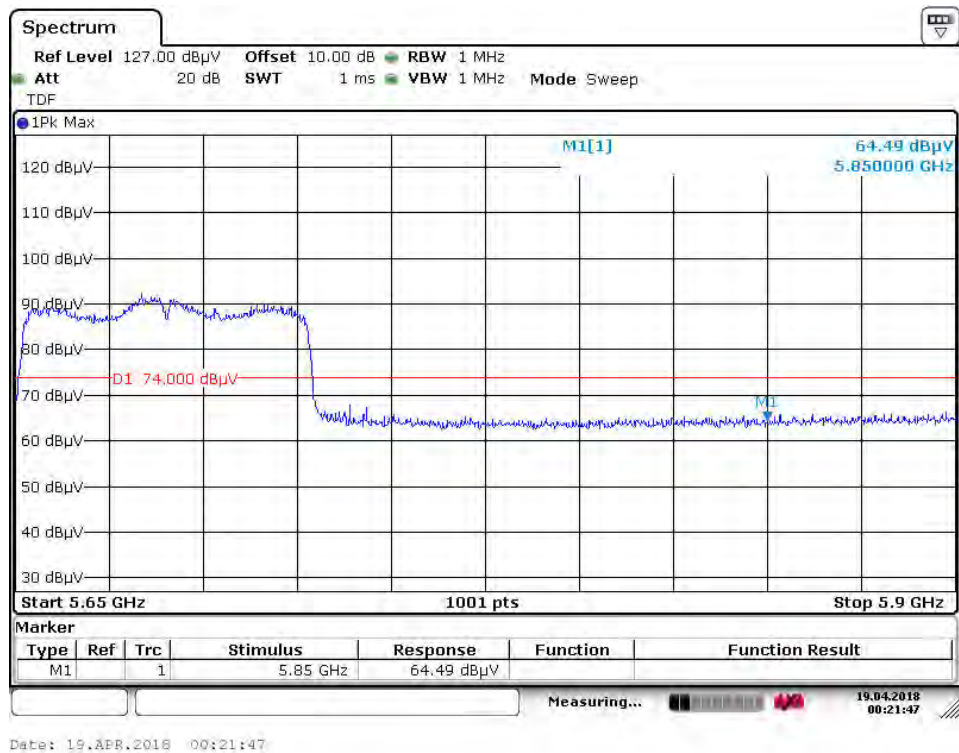
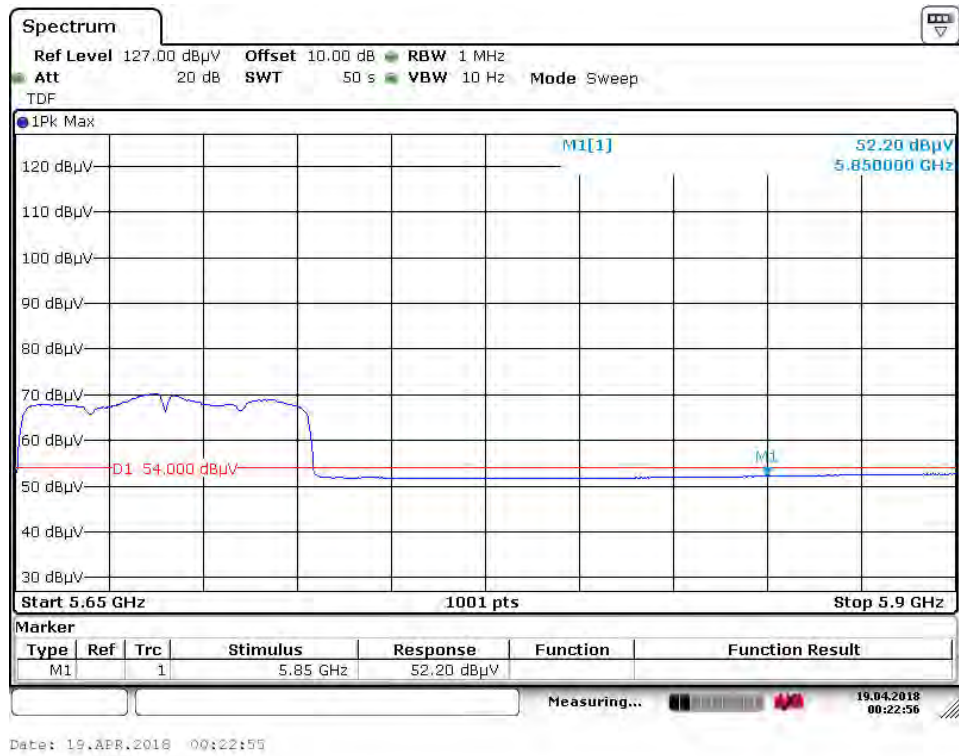




Radiated Bandedge 11ac80 IN 5.6GHz BAND

(Hor) 5690





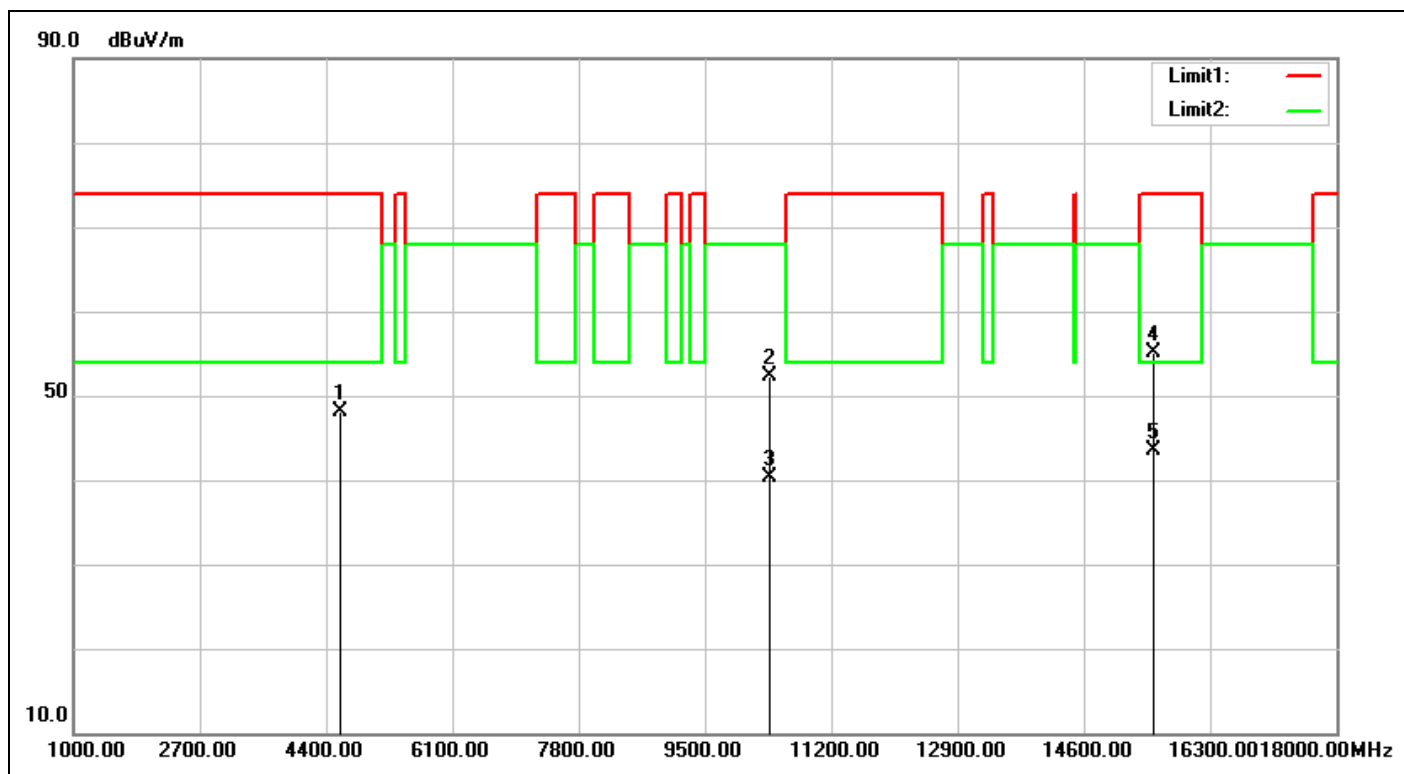
Spurious Emissions, TX Mode, 1-18G, U-NII-1



TUV Rheinland Taiwan Ltd.

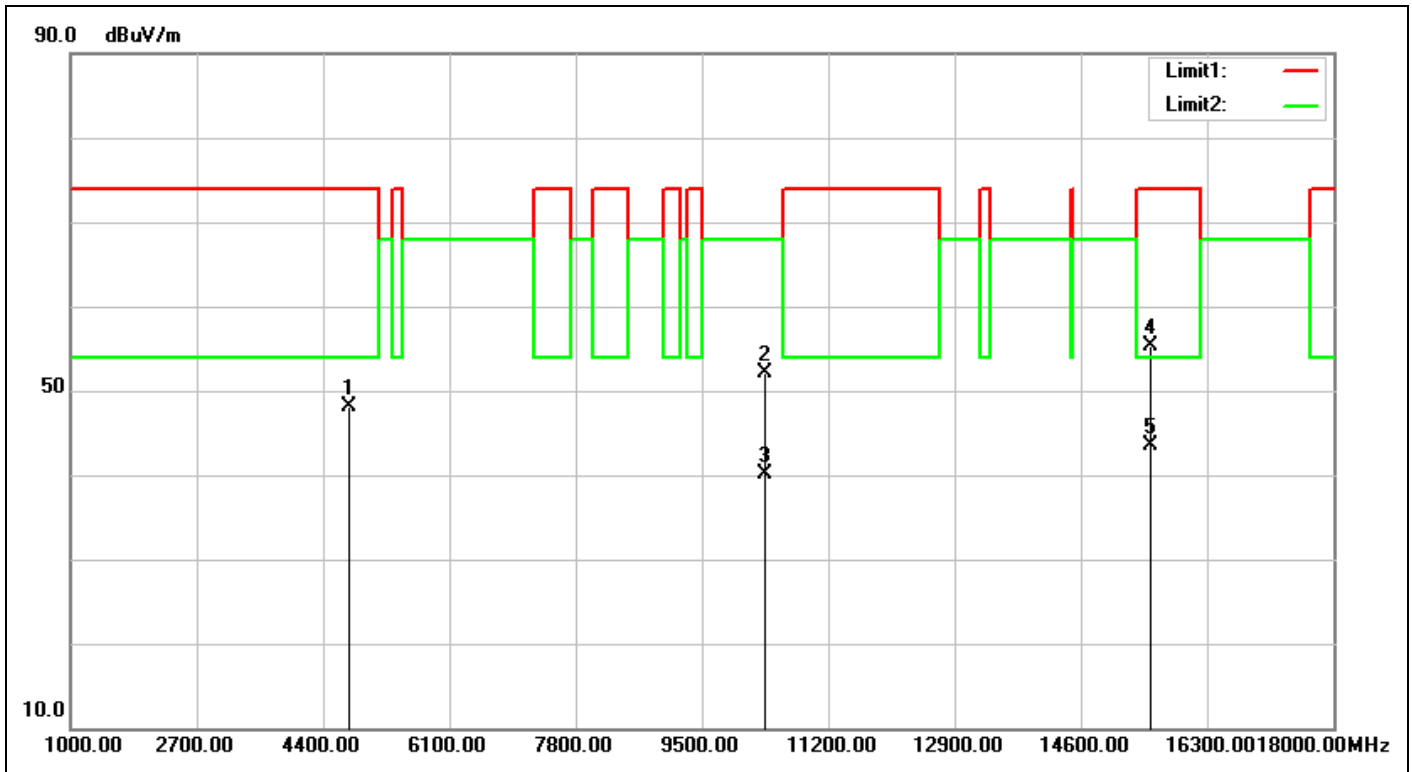
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



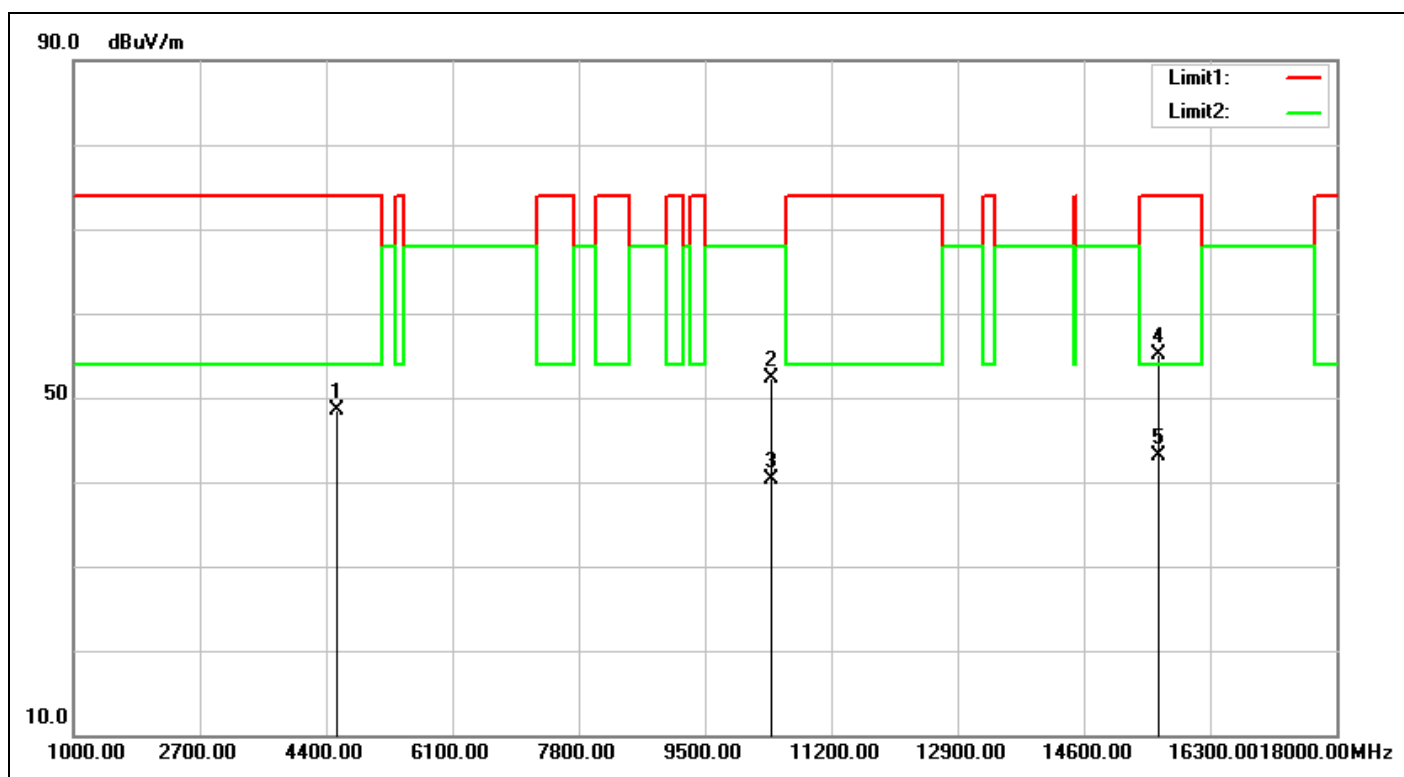
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 02:35:16
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
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	



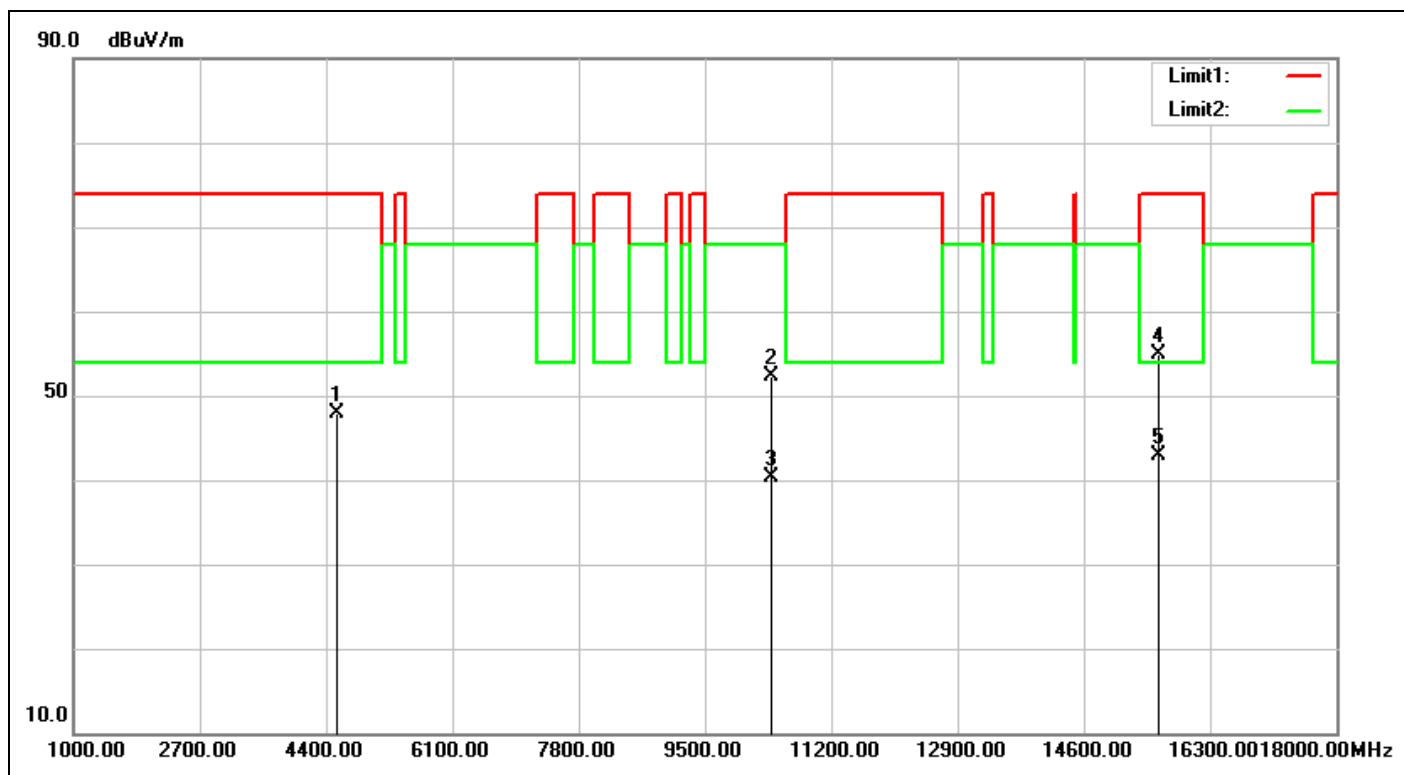
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 02:36:09
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.:	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			



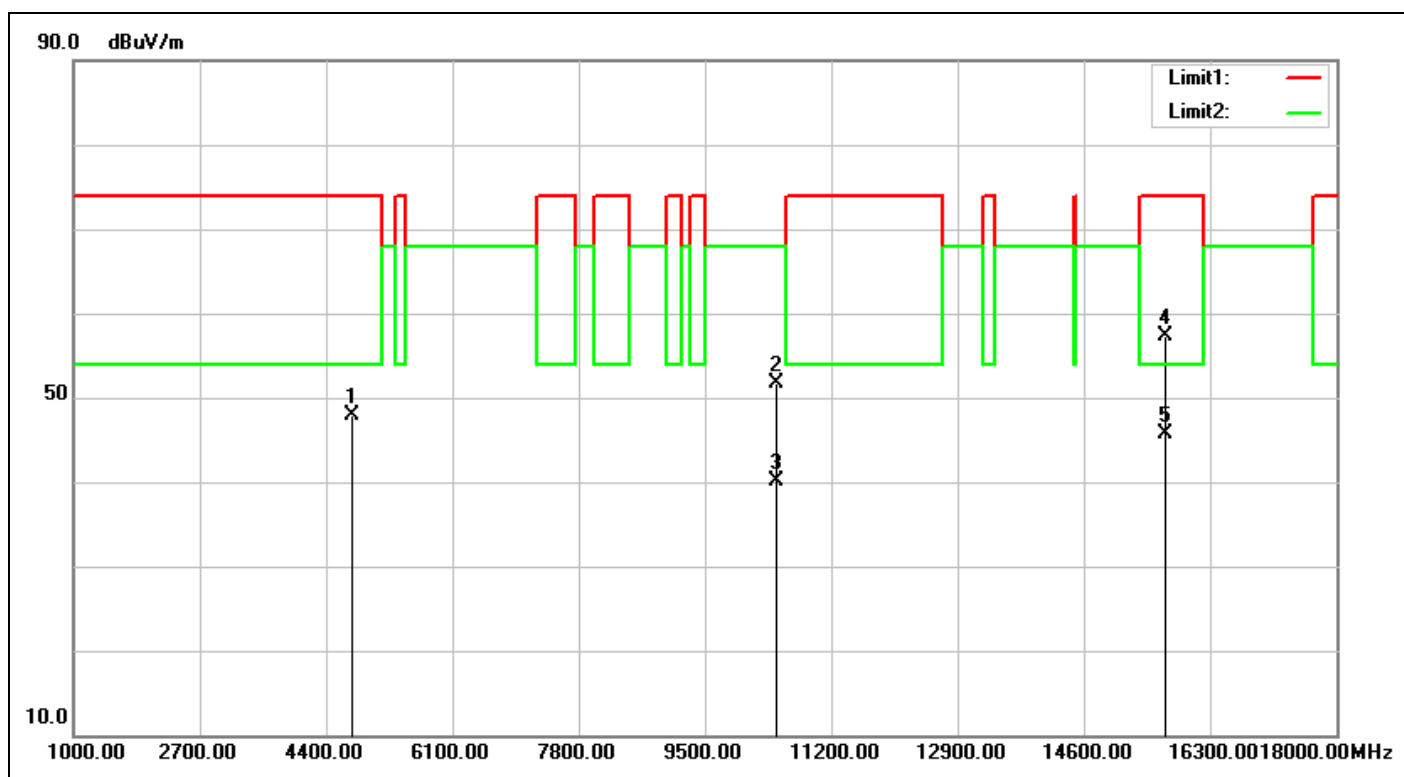
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 02:44:53
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
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			



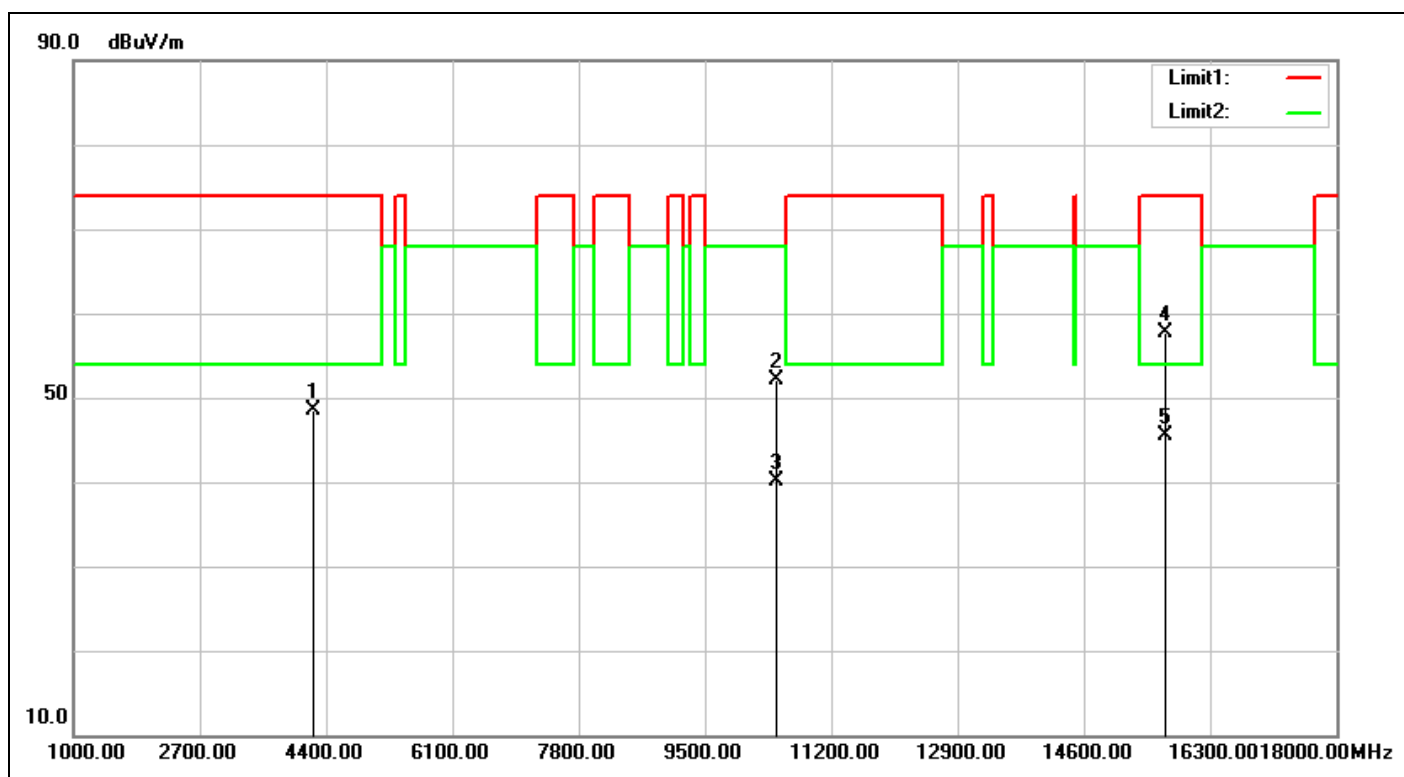
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Test item:	Radiation Emission	Test Time:	2018/4/13 02:45:45
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A-5200-TX		
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			



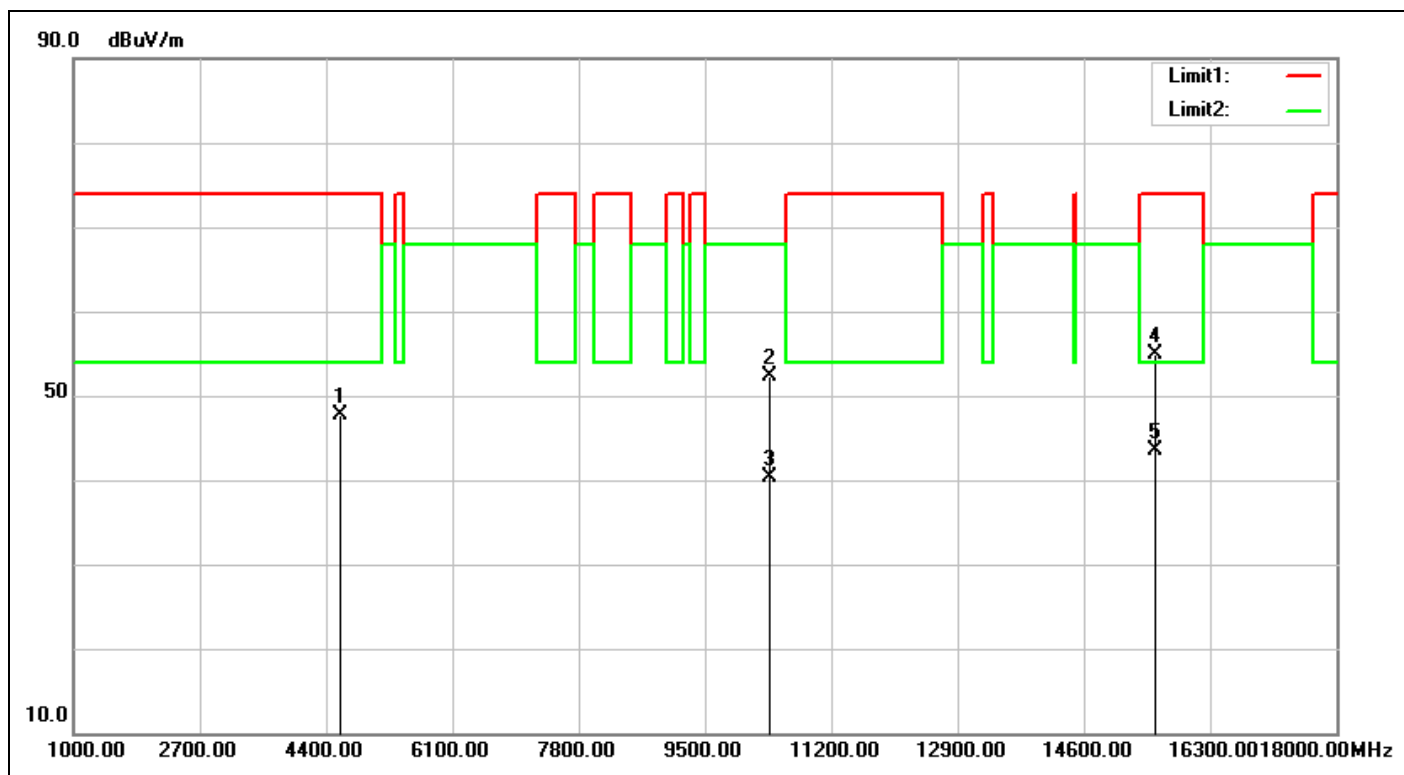
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 02:50:34
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
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			



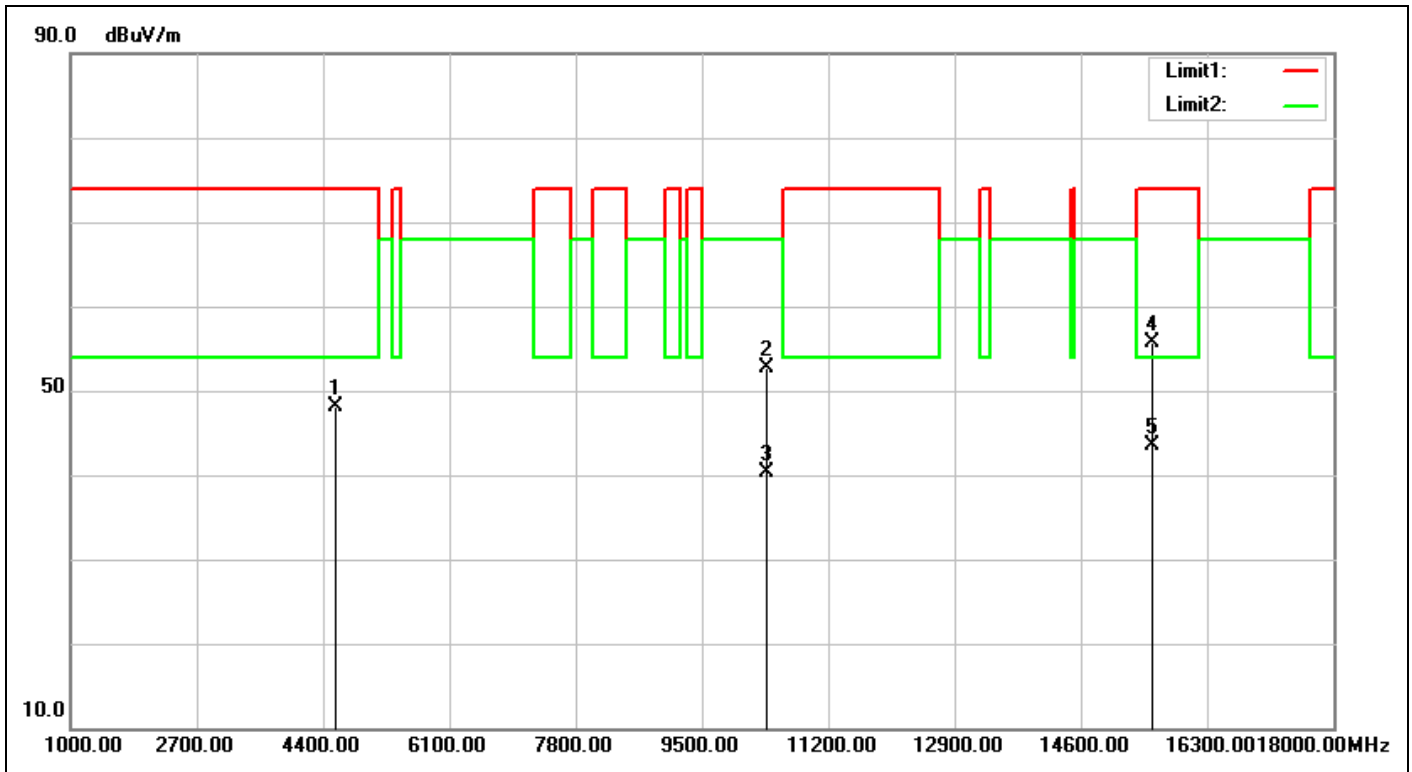
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 02:51:27
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
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			



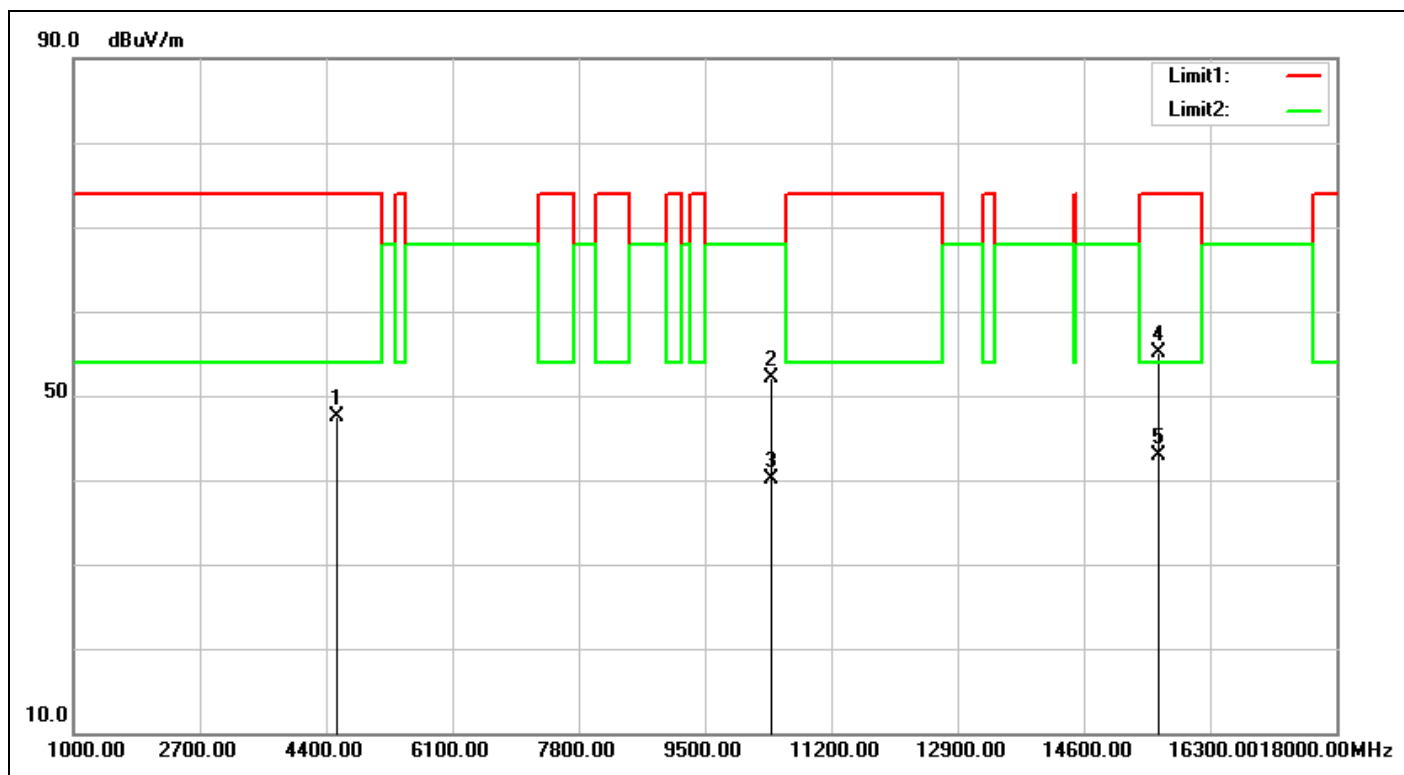
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 02:56:25
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
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			



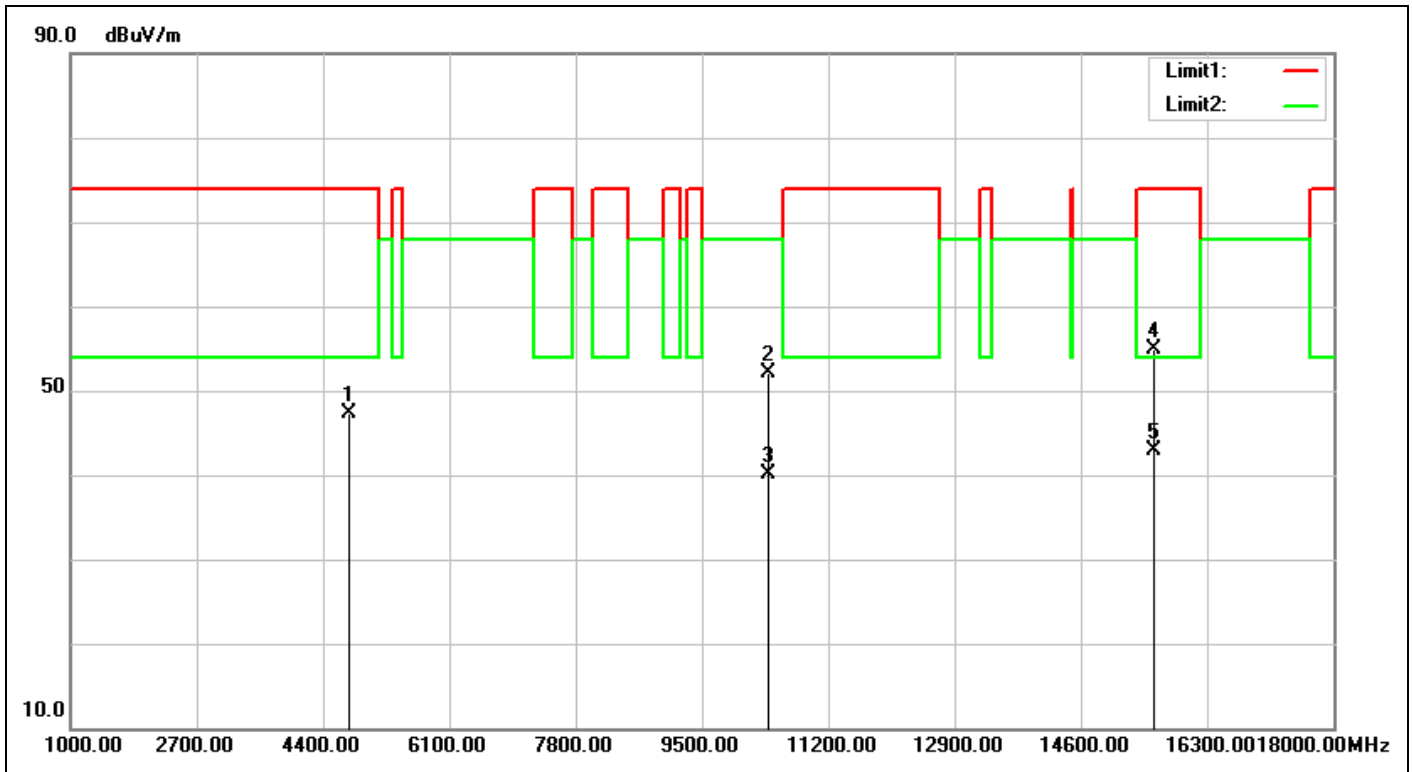
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Test item:	Radiation Emission	Test Time:	2018/4/13 02:57:17
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.:	WFU033	Test Engineer:	Curry Chen
Test Mode:	A20-5180-TX		
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			



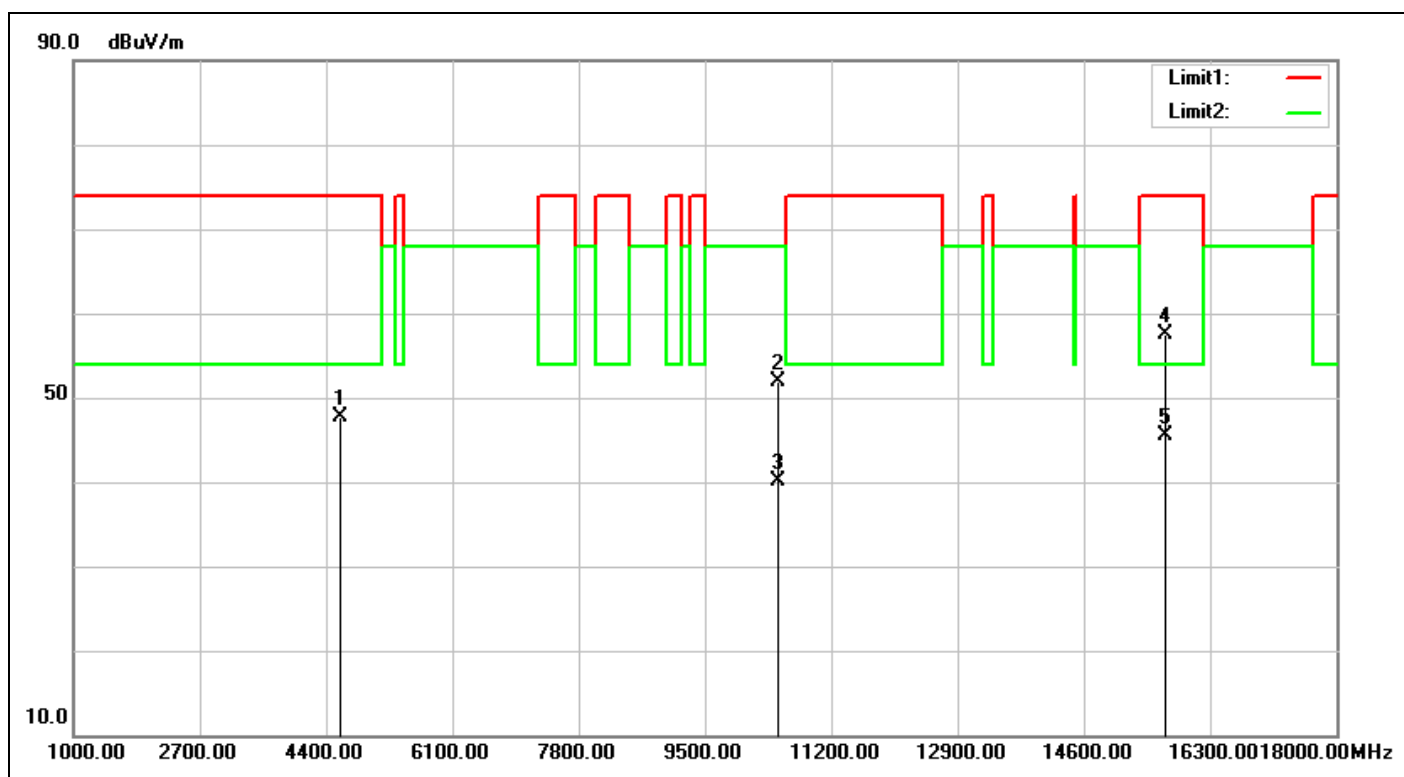
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:00:52
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model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



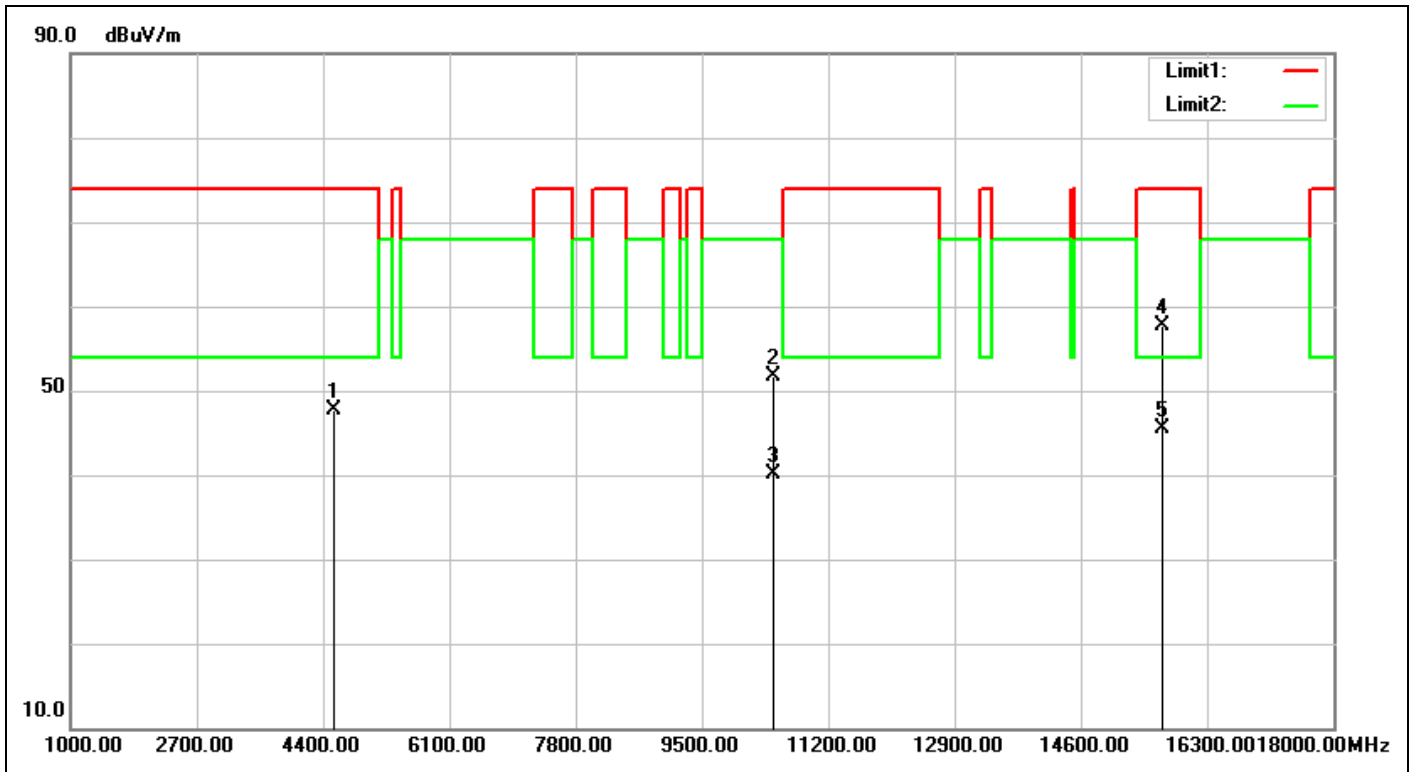
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:01:45
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model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



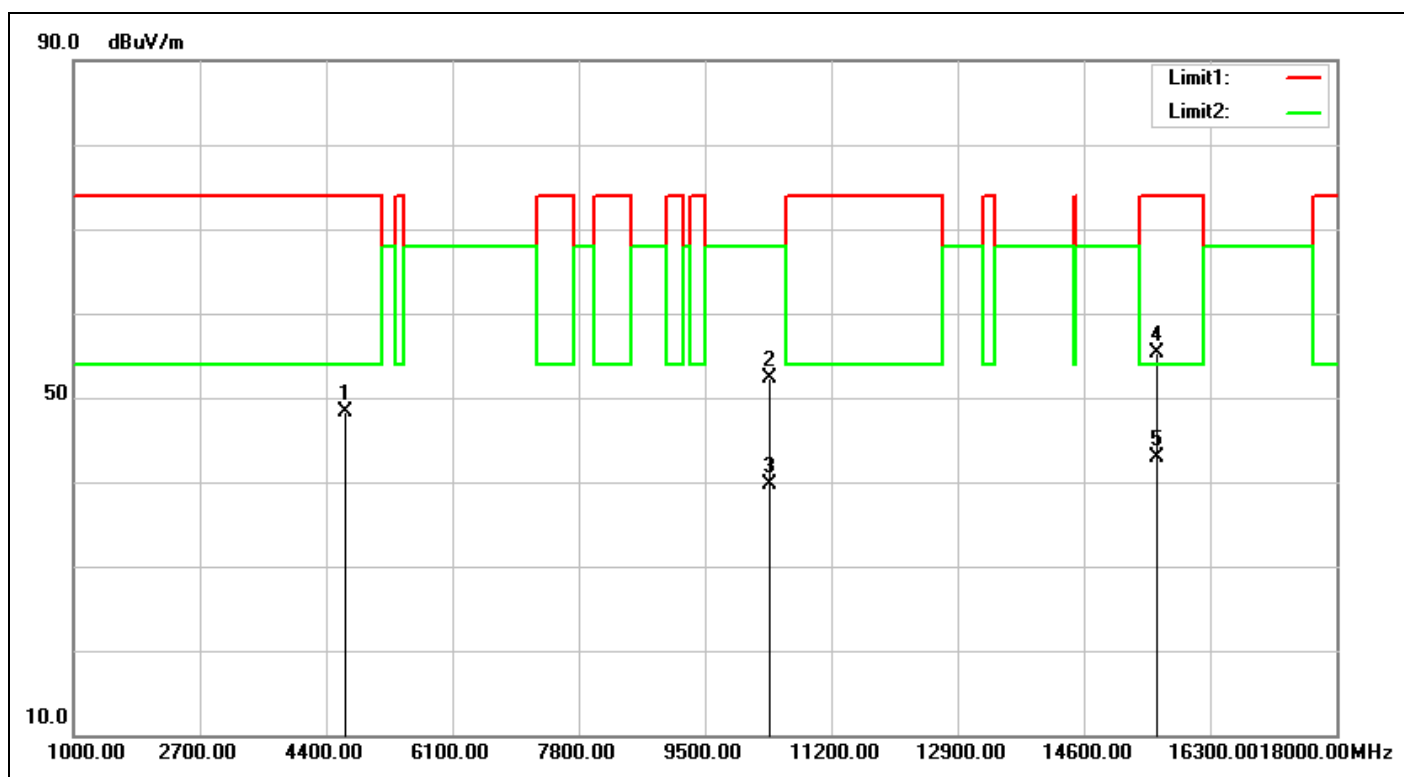
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:04:48
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



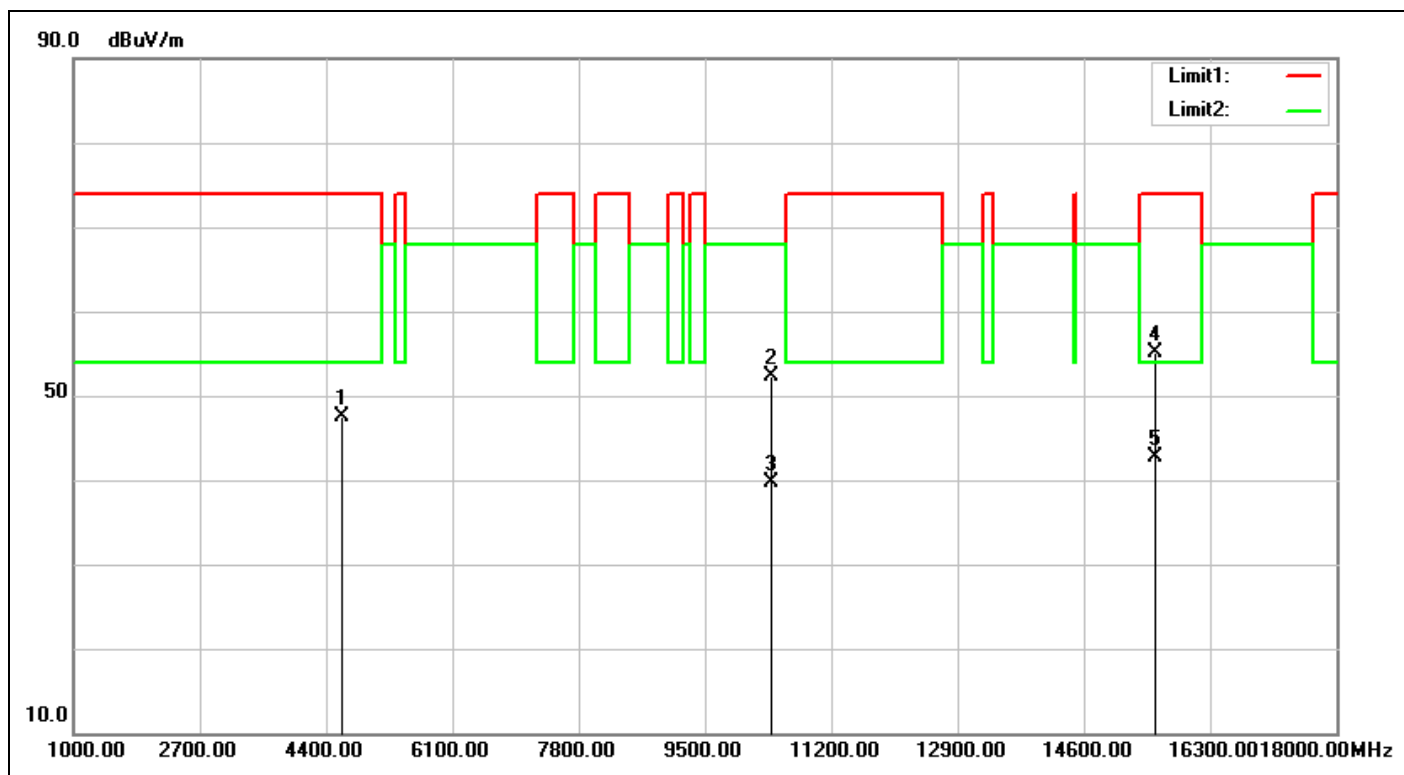
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:05:41
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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



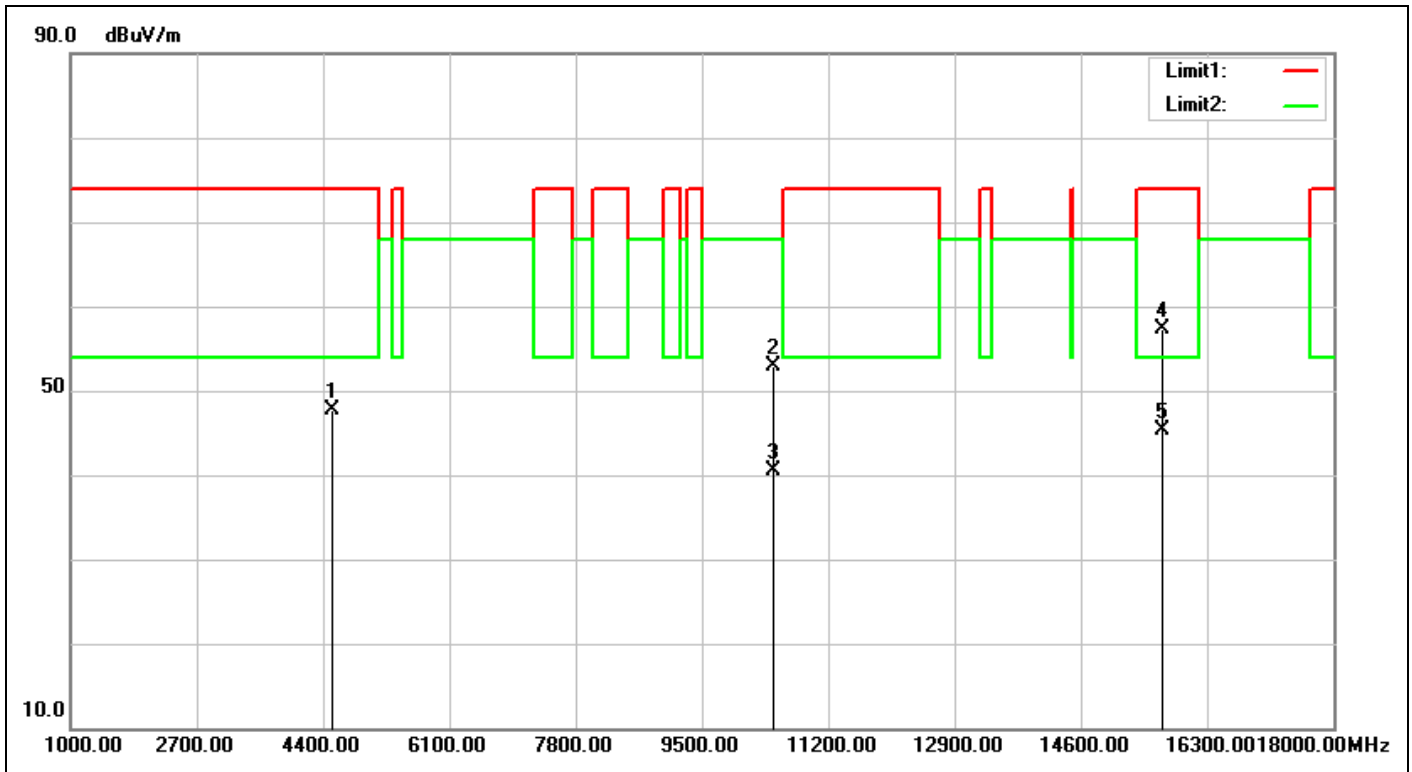
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:09:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model 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			



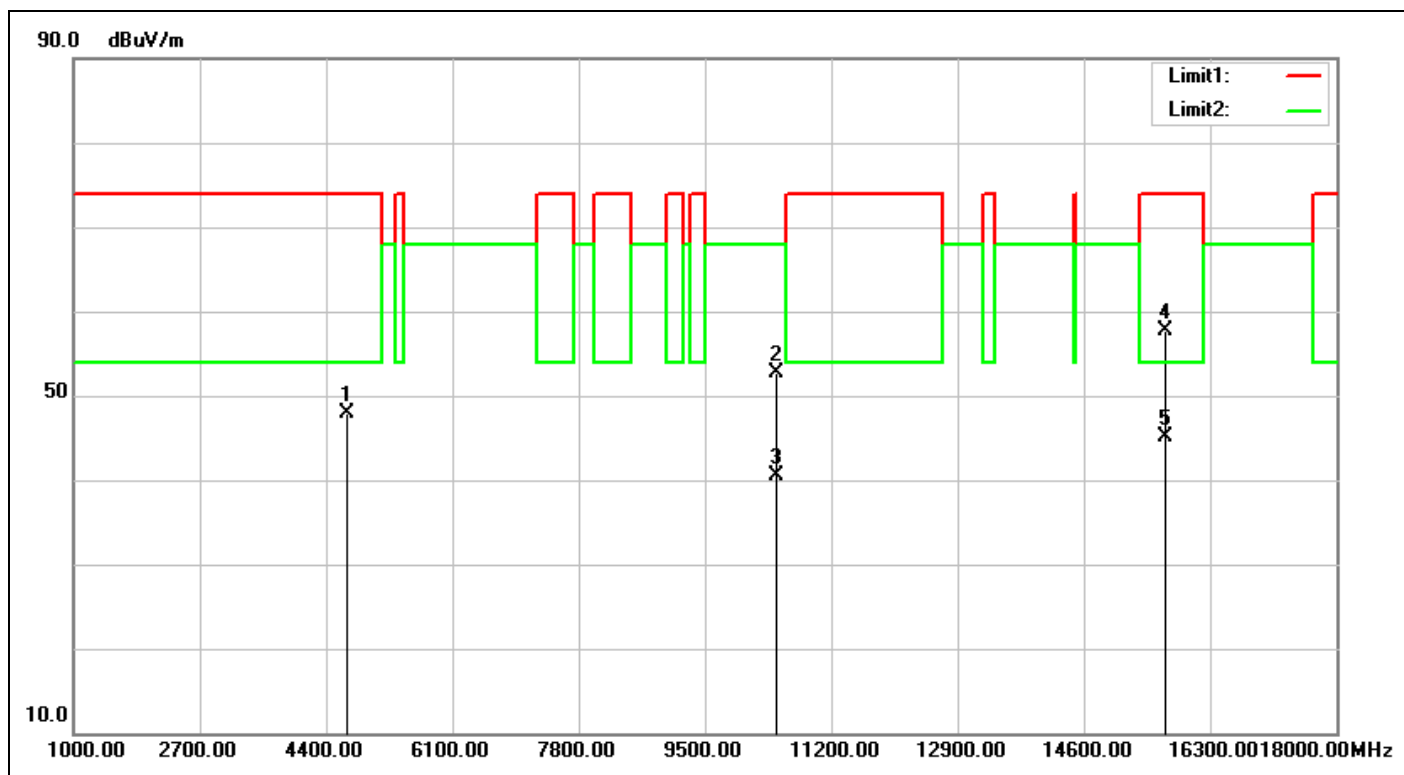
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:10:11
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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



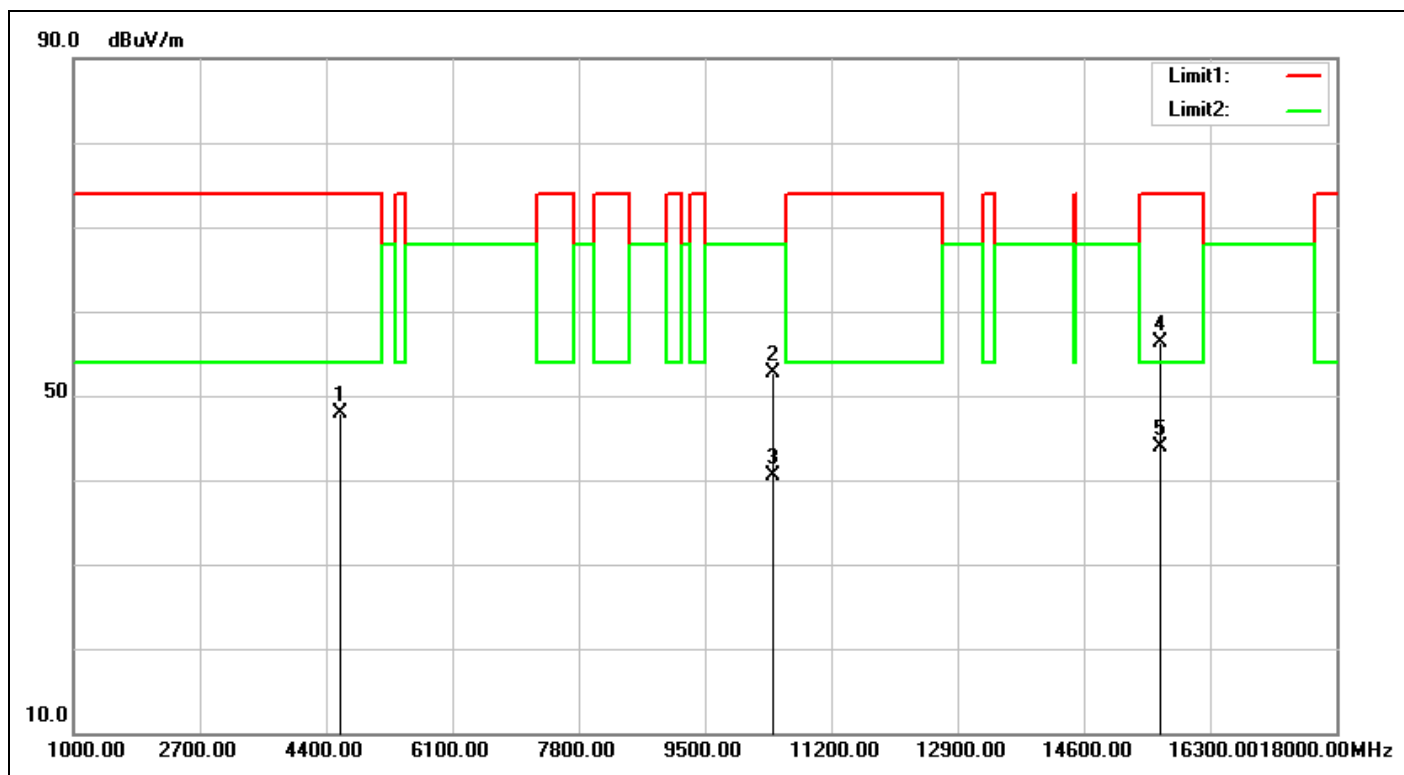
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:13:27
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



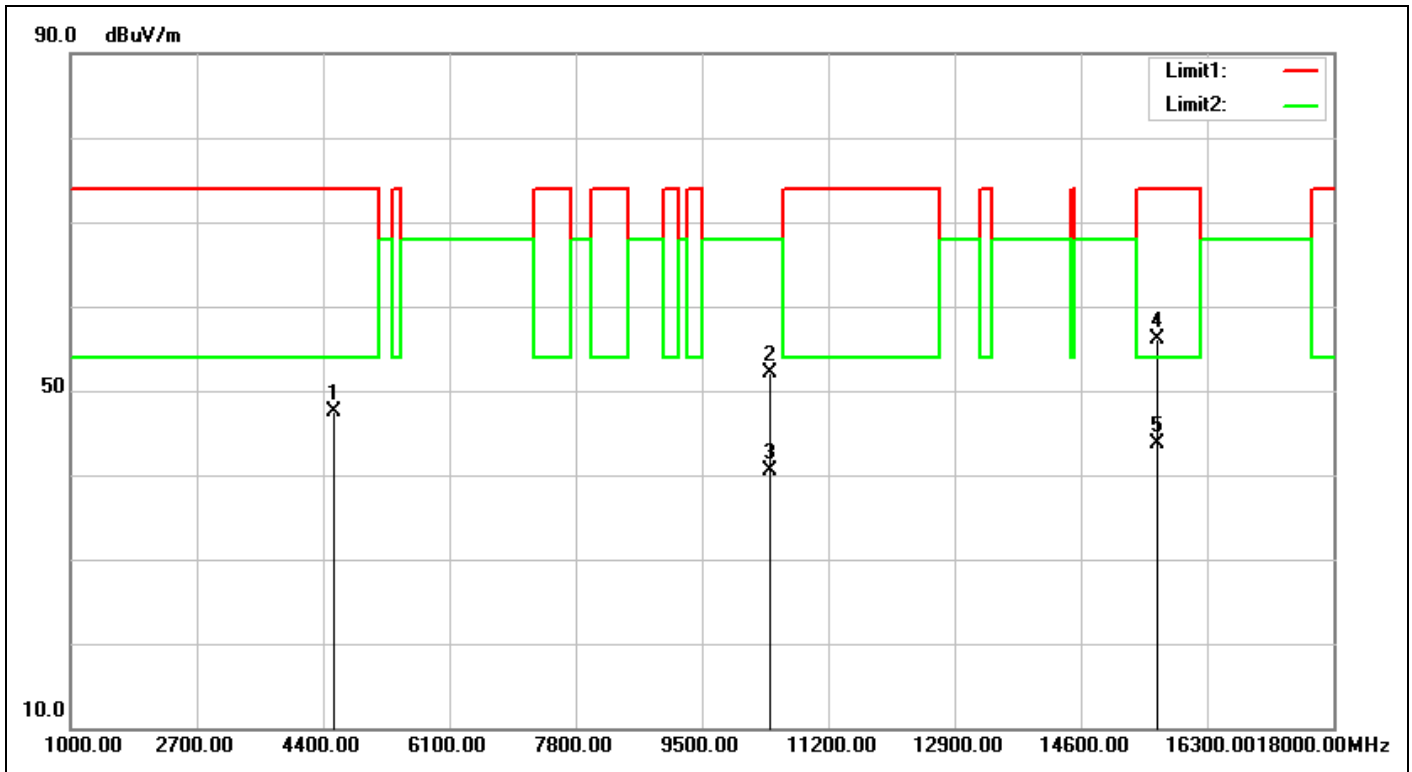
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:14:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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

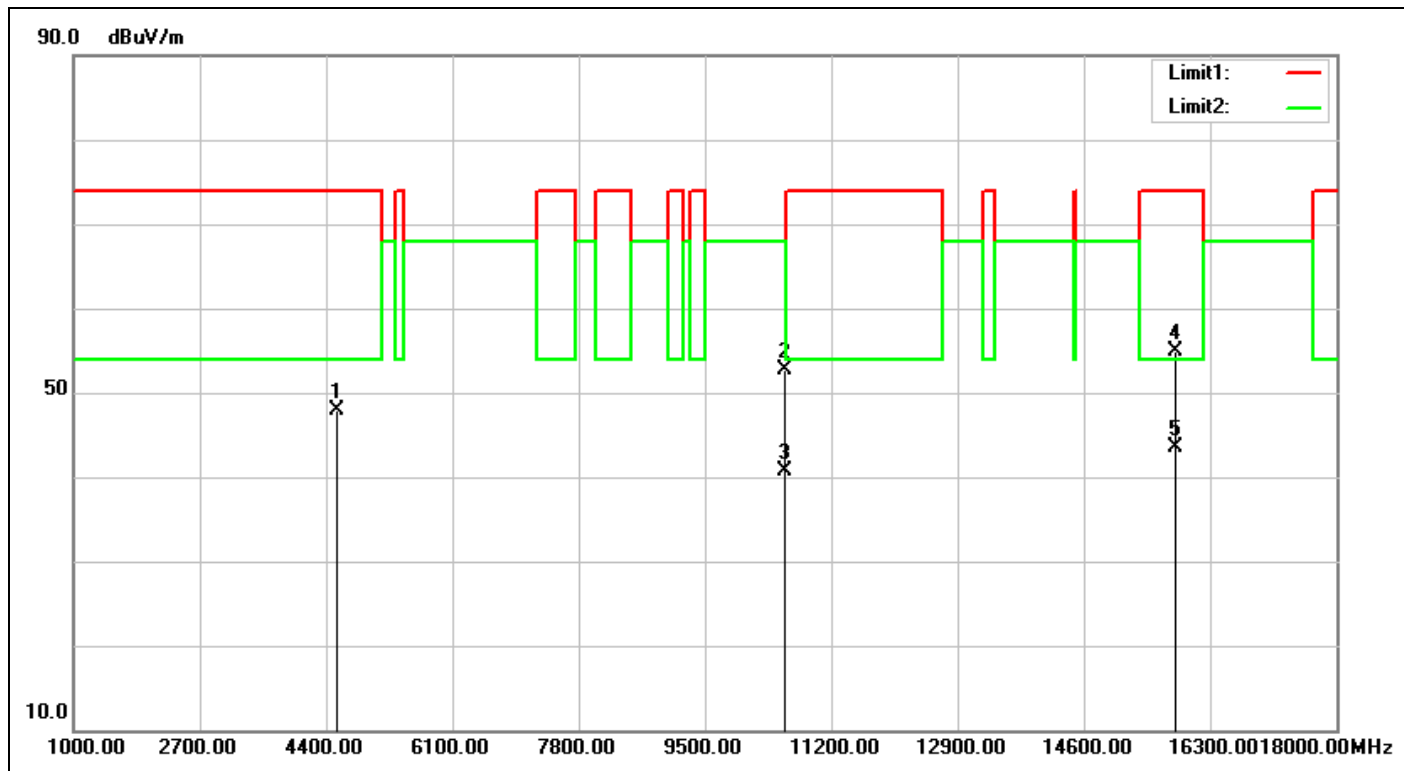
Spurious Emissions, TX Mode, 1-18G, U-NII-2A



TUV Rheinland Taiwan Ltd.

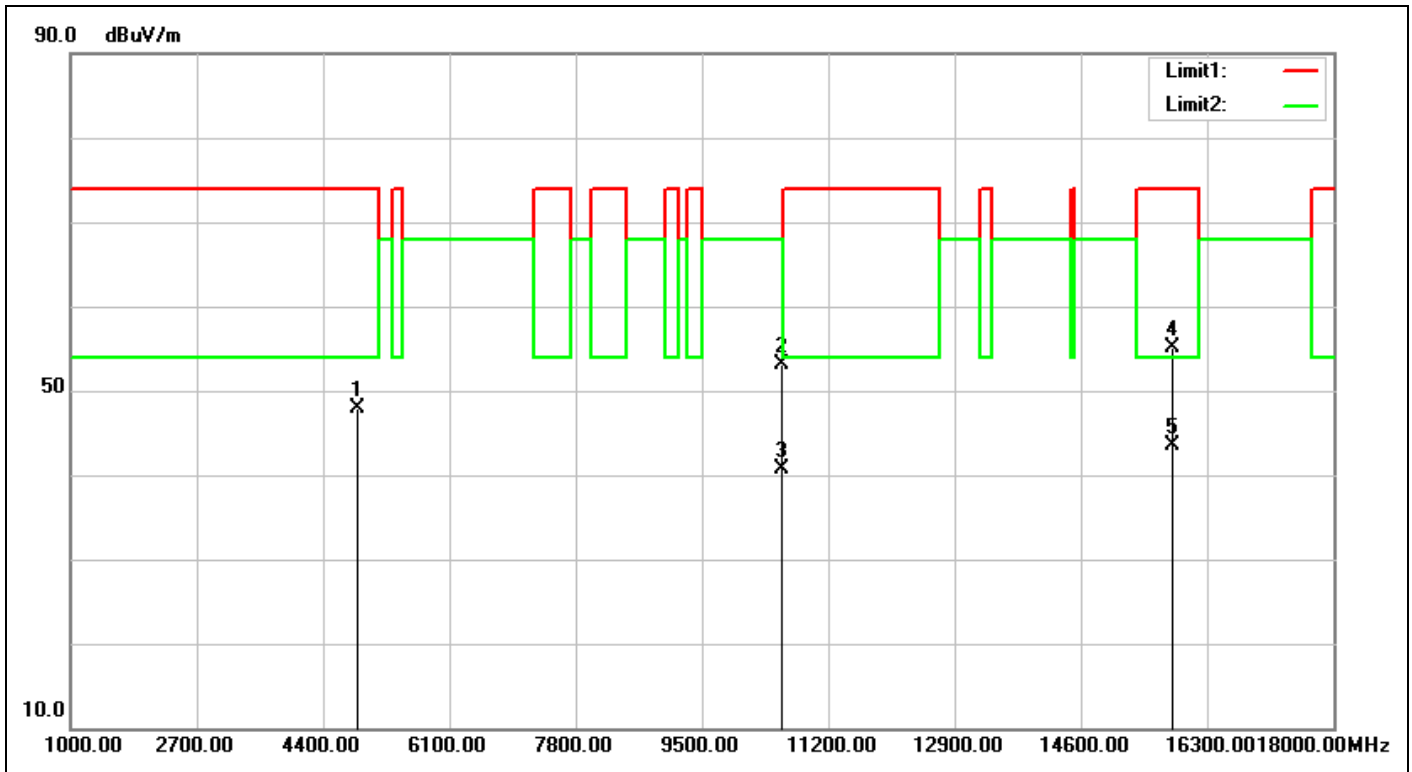
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



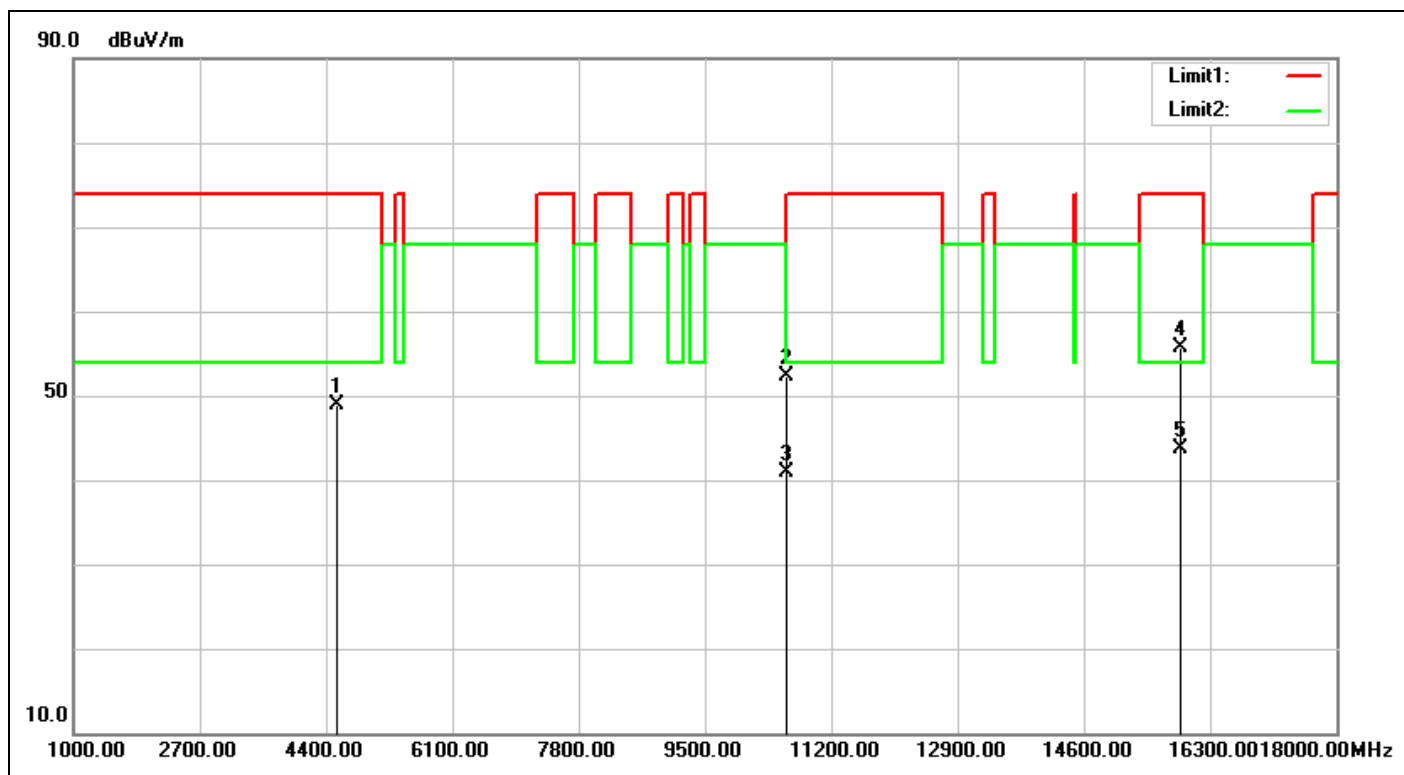
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:26:21
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



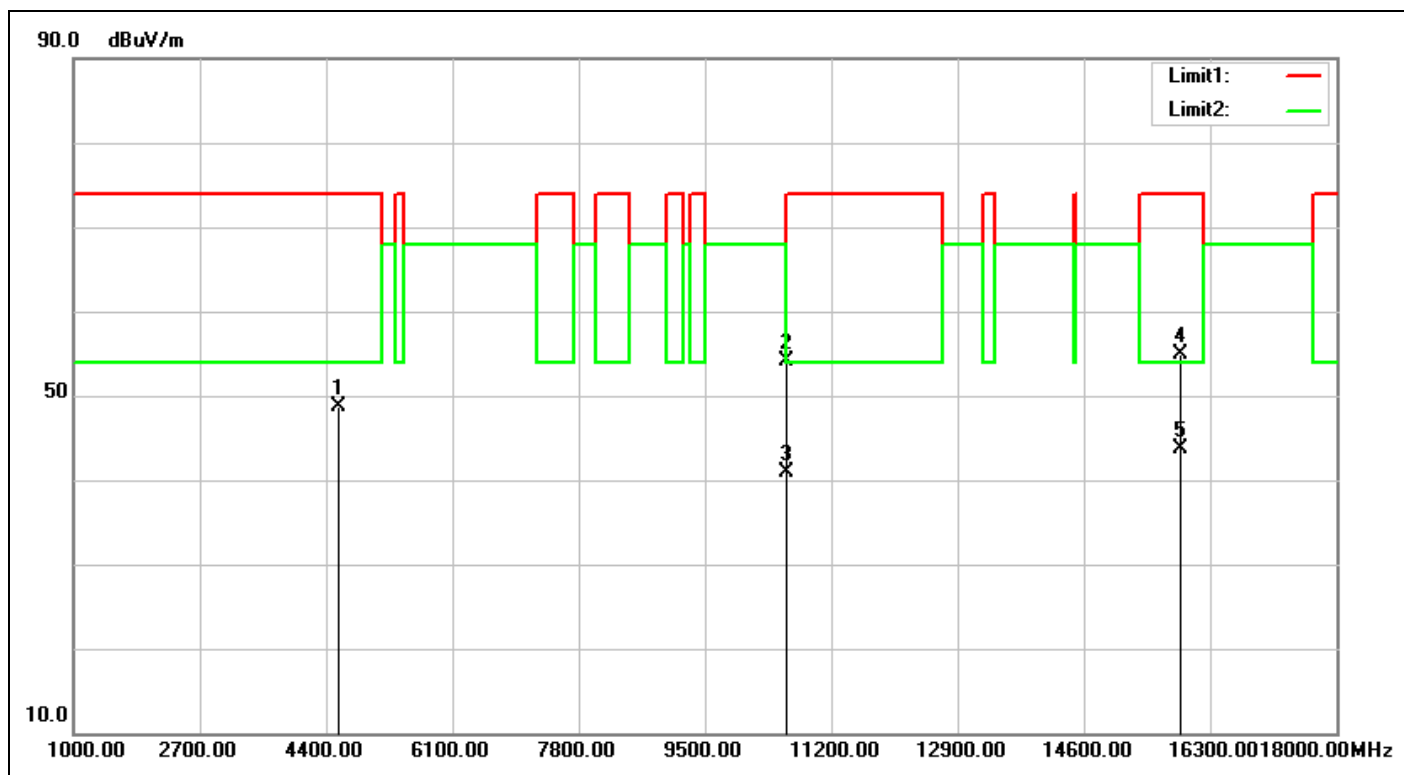
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:27:14
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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



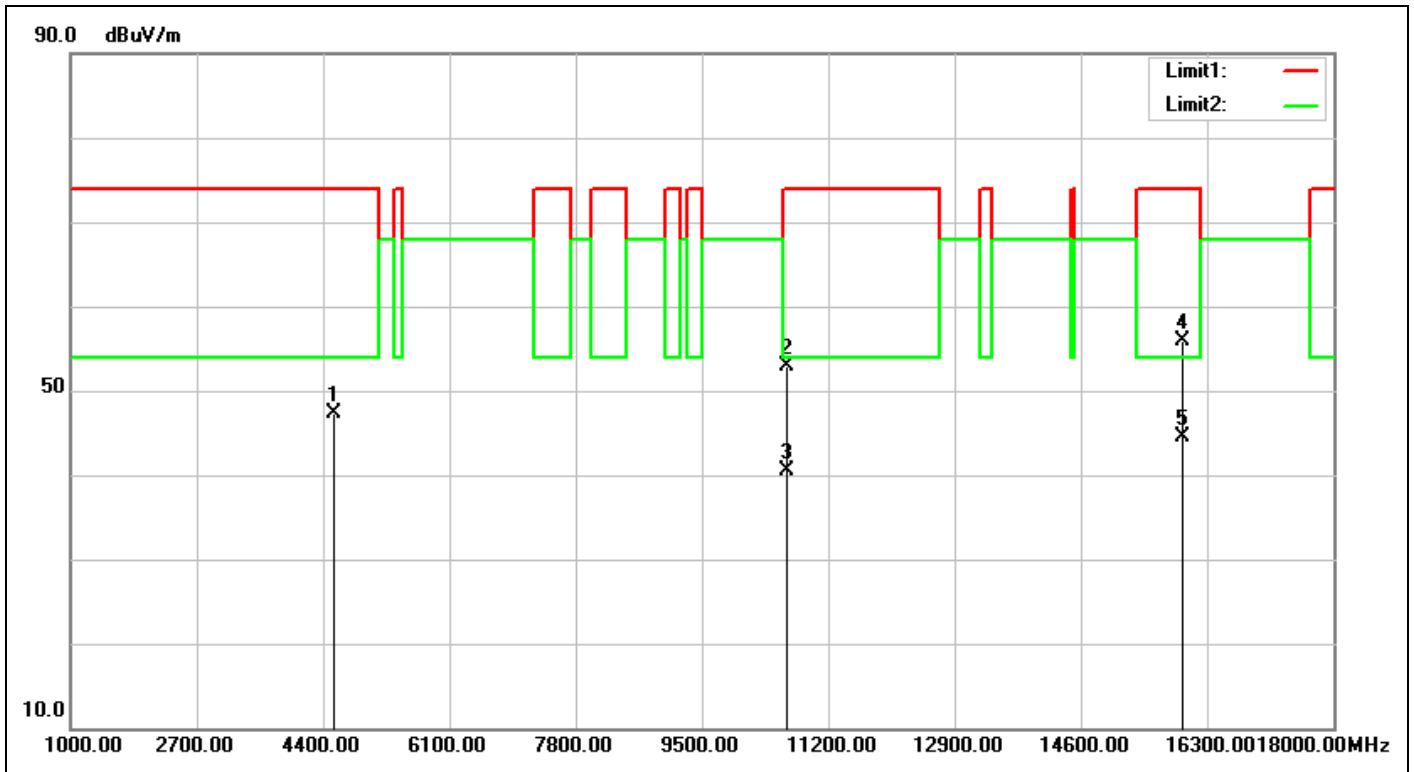
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:31:11
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



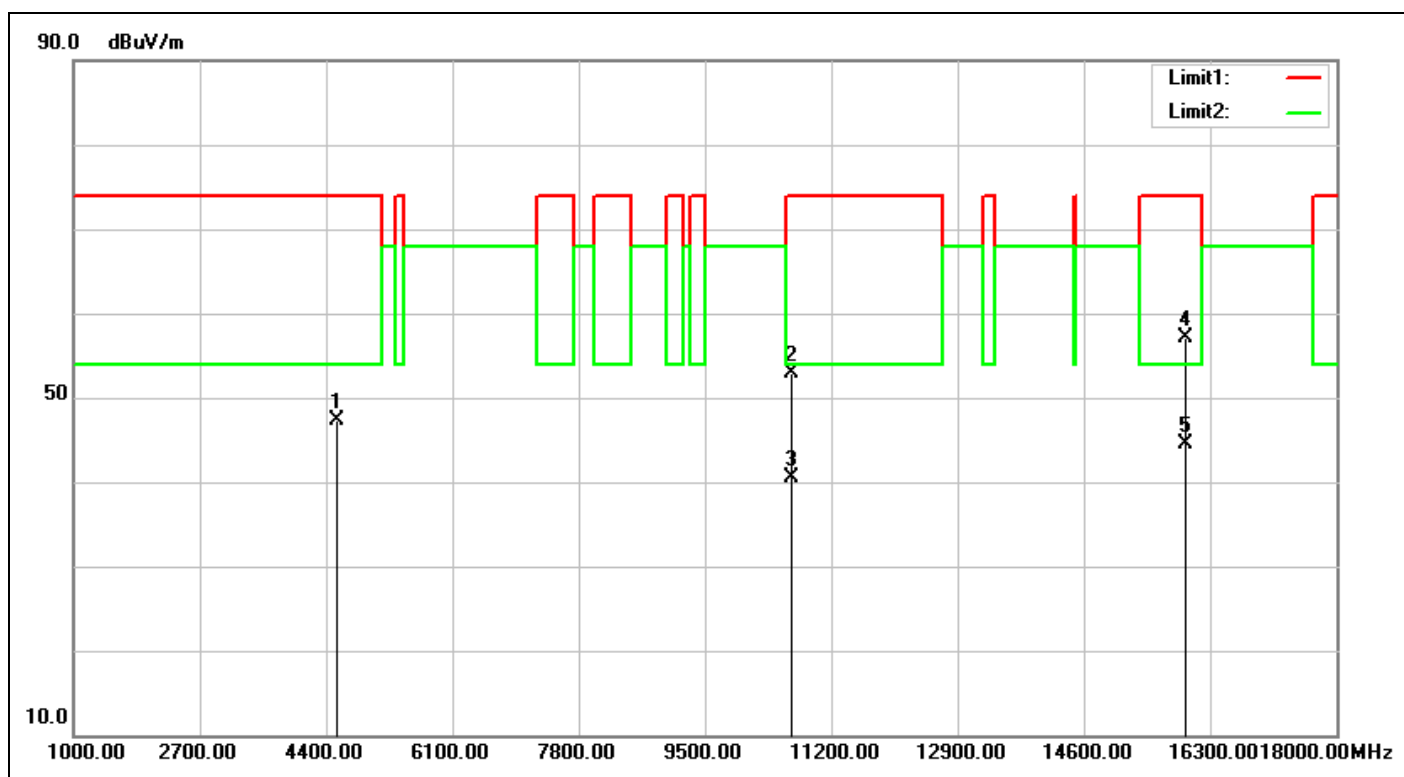
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:32:03
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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



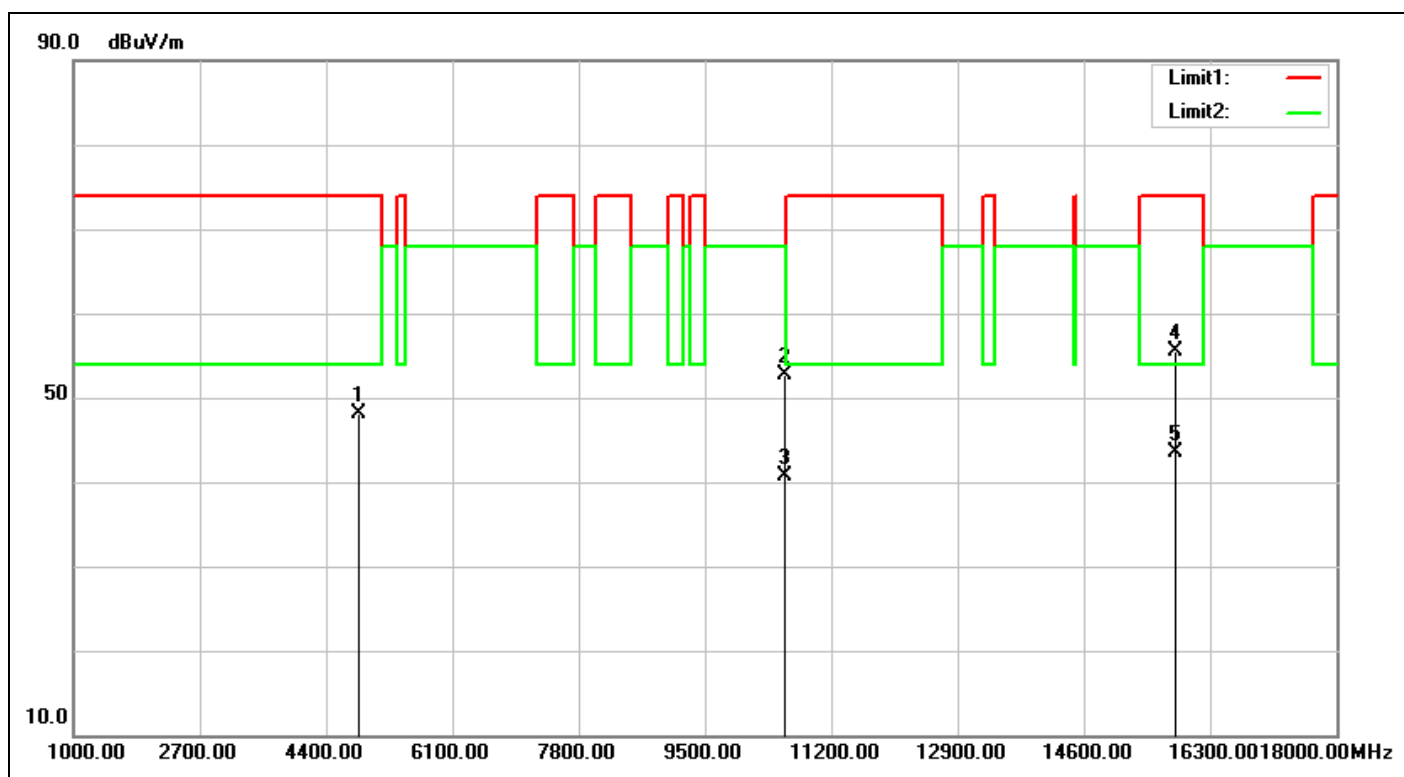
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:35:08
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



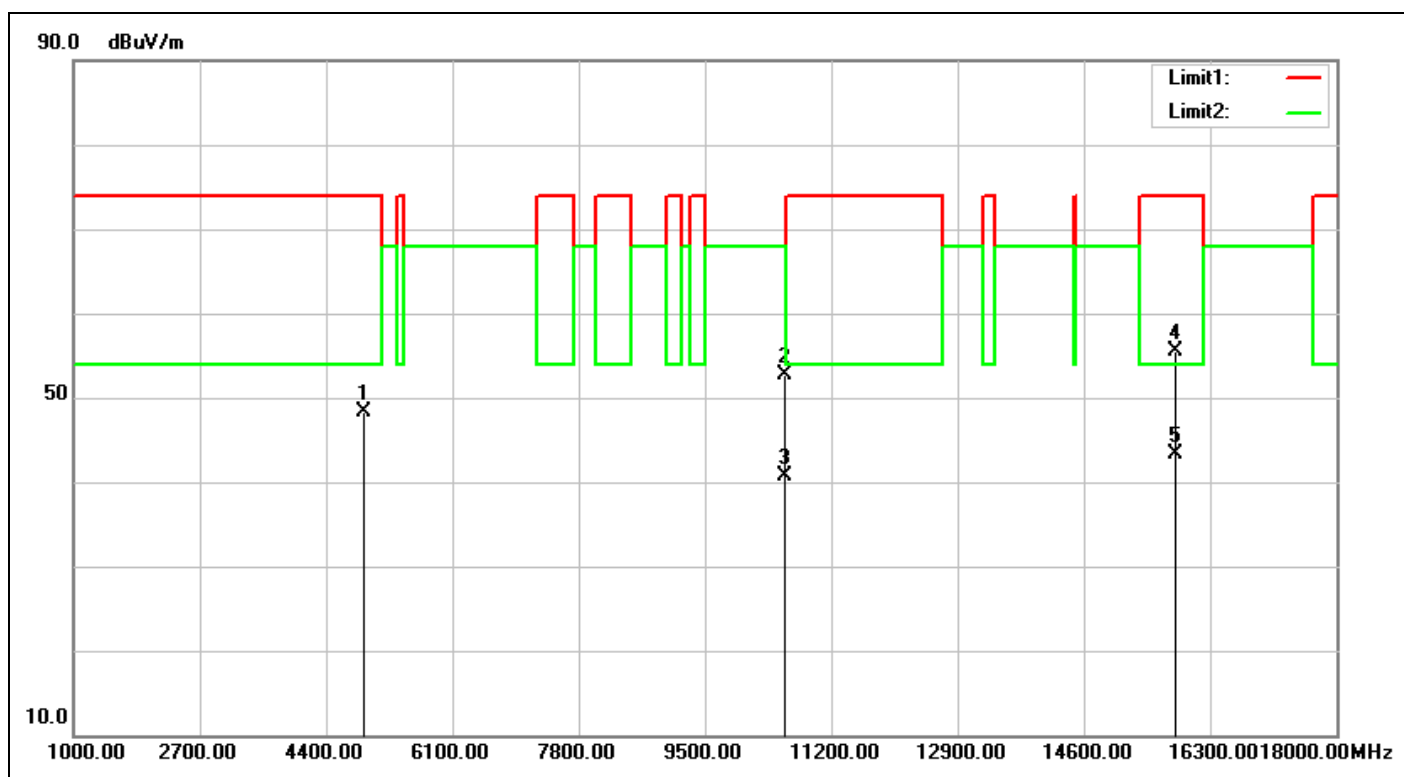
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:36:01
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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



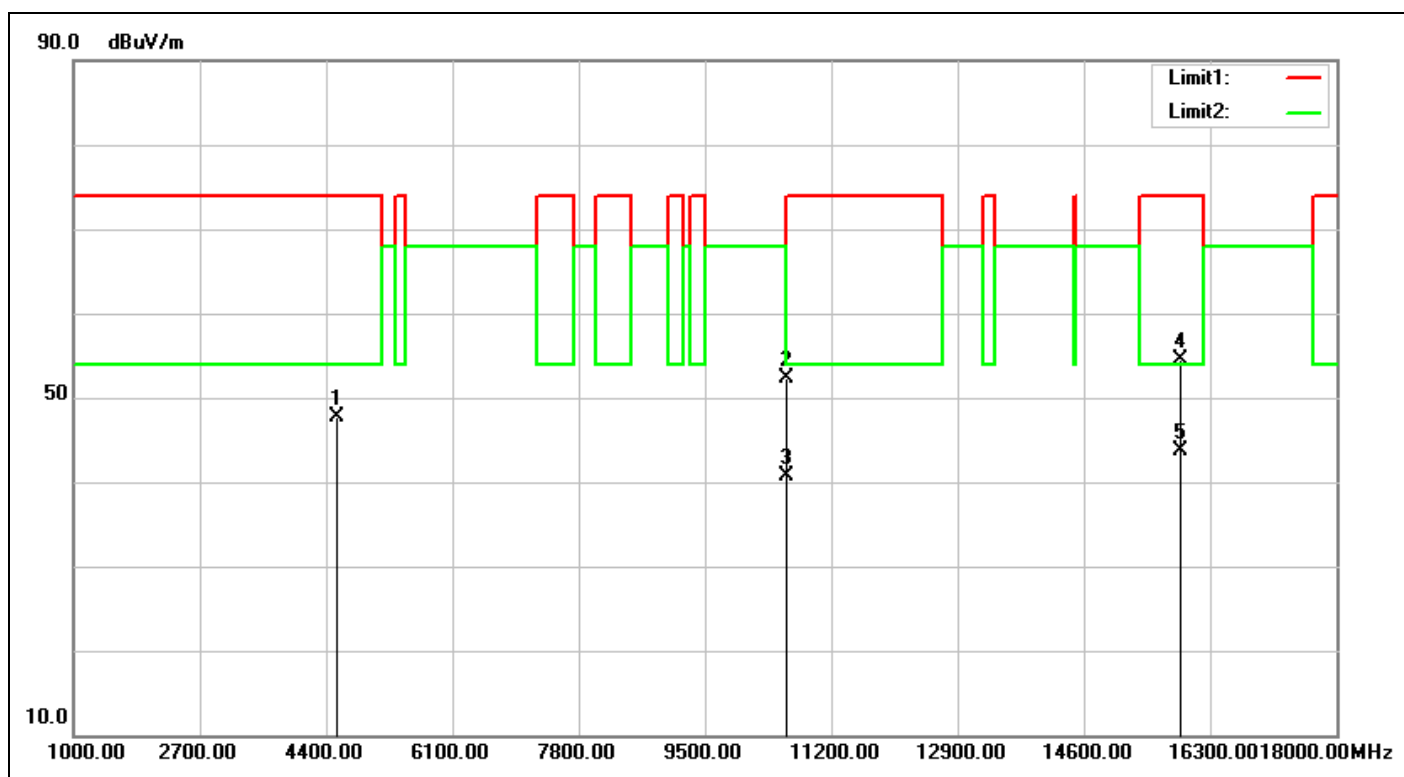
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:39:37
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



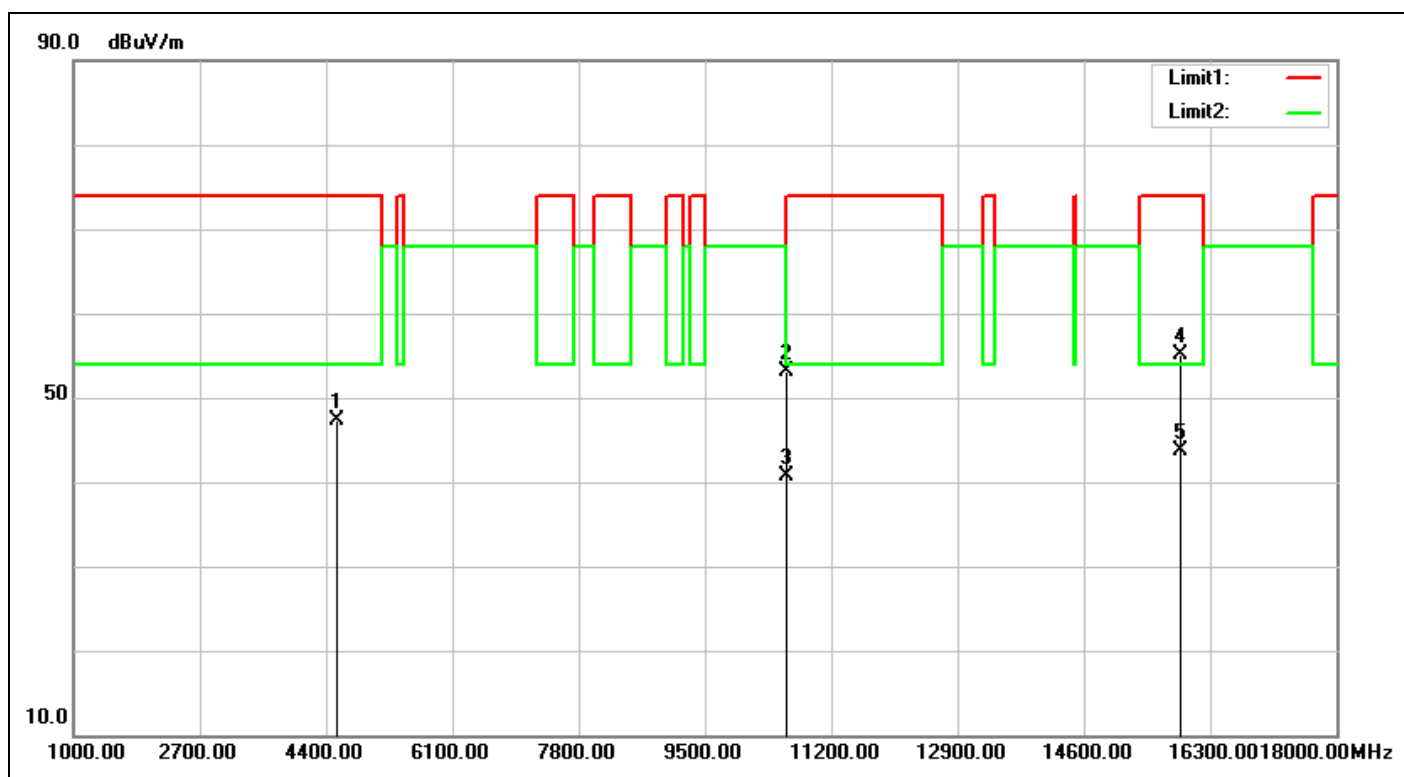
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:40:30
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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



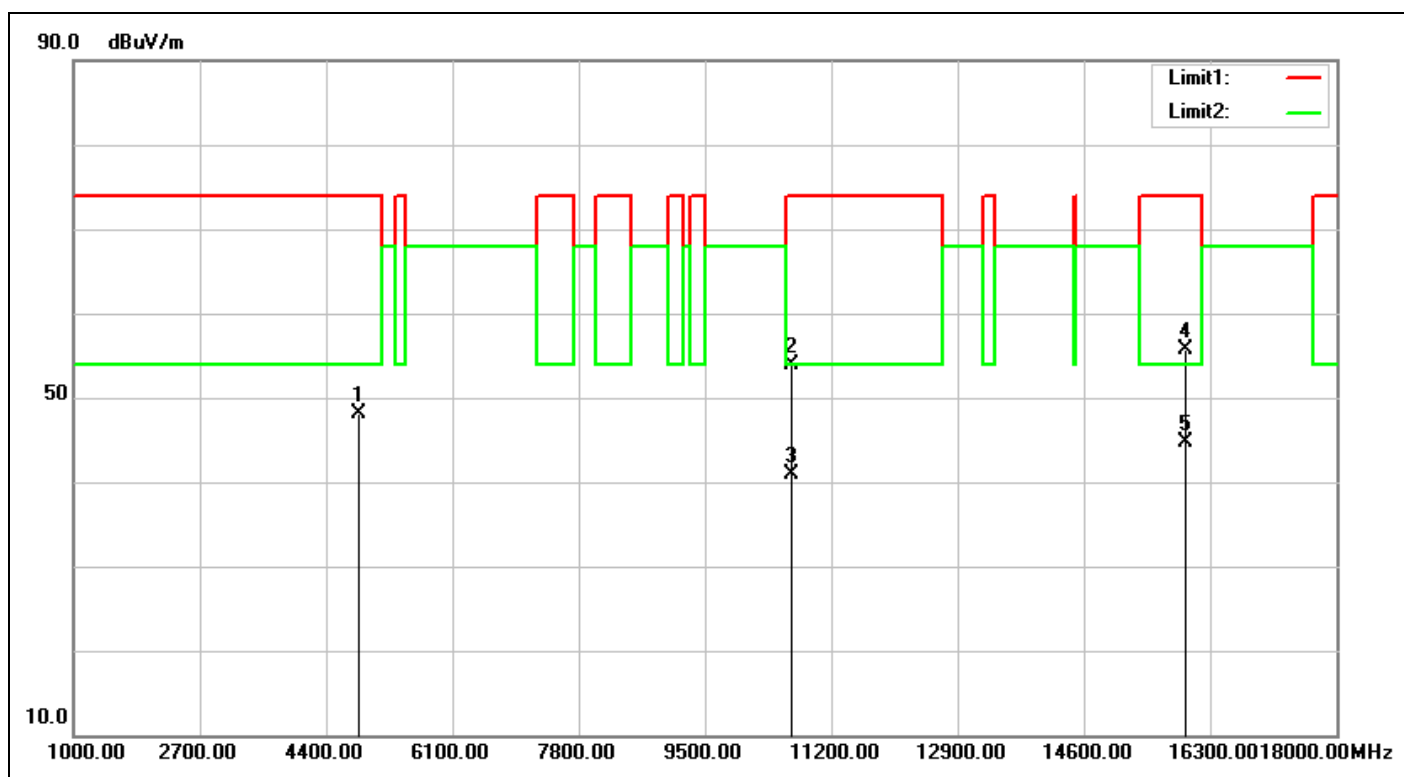
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:43:33
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



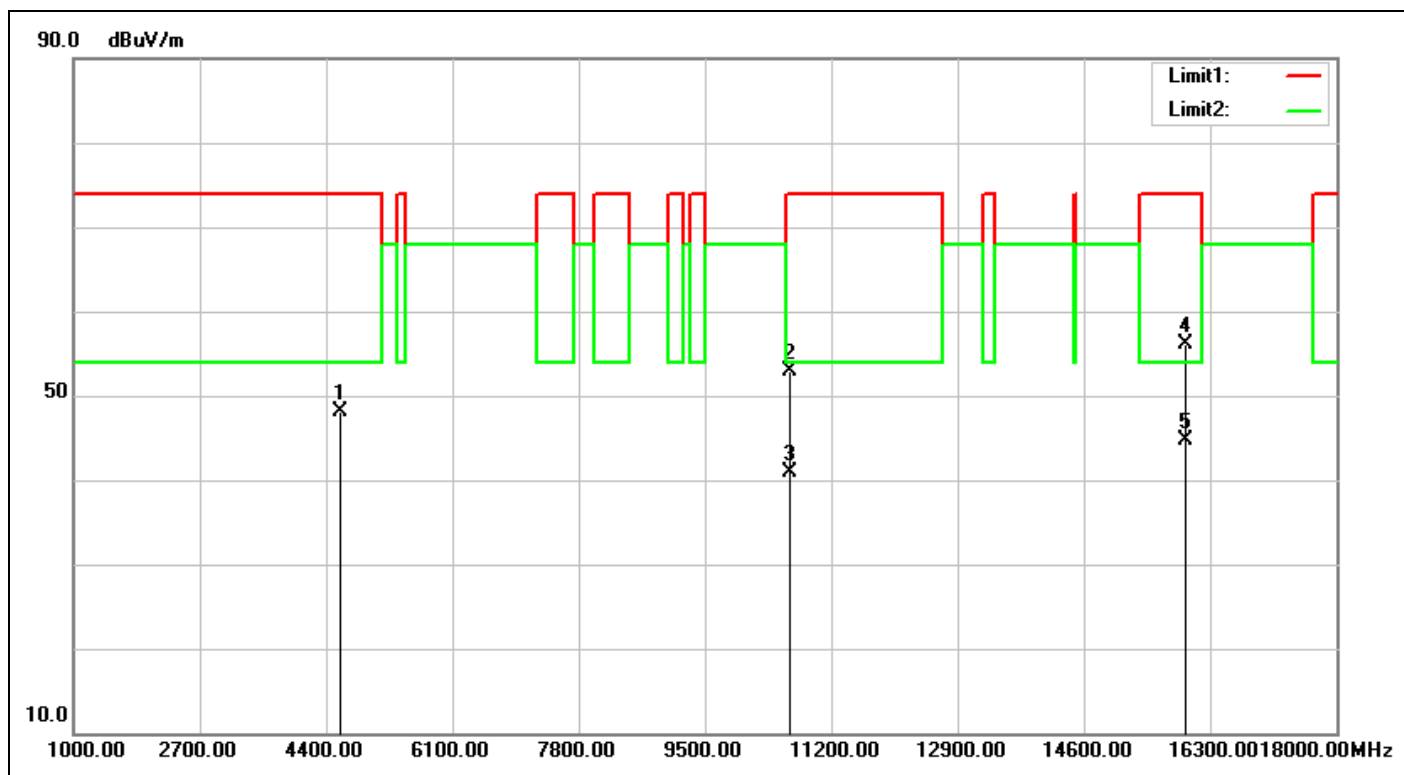
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:44:26
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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



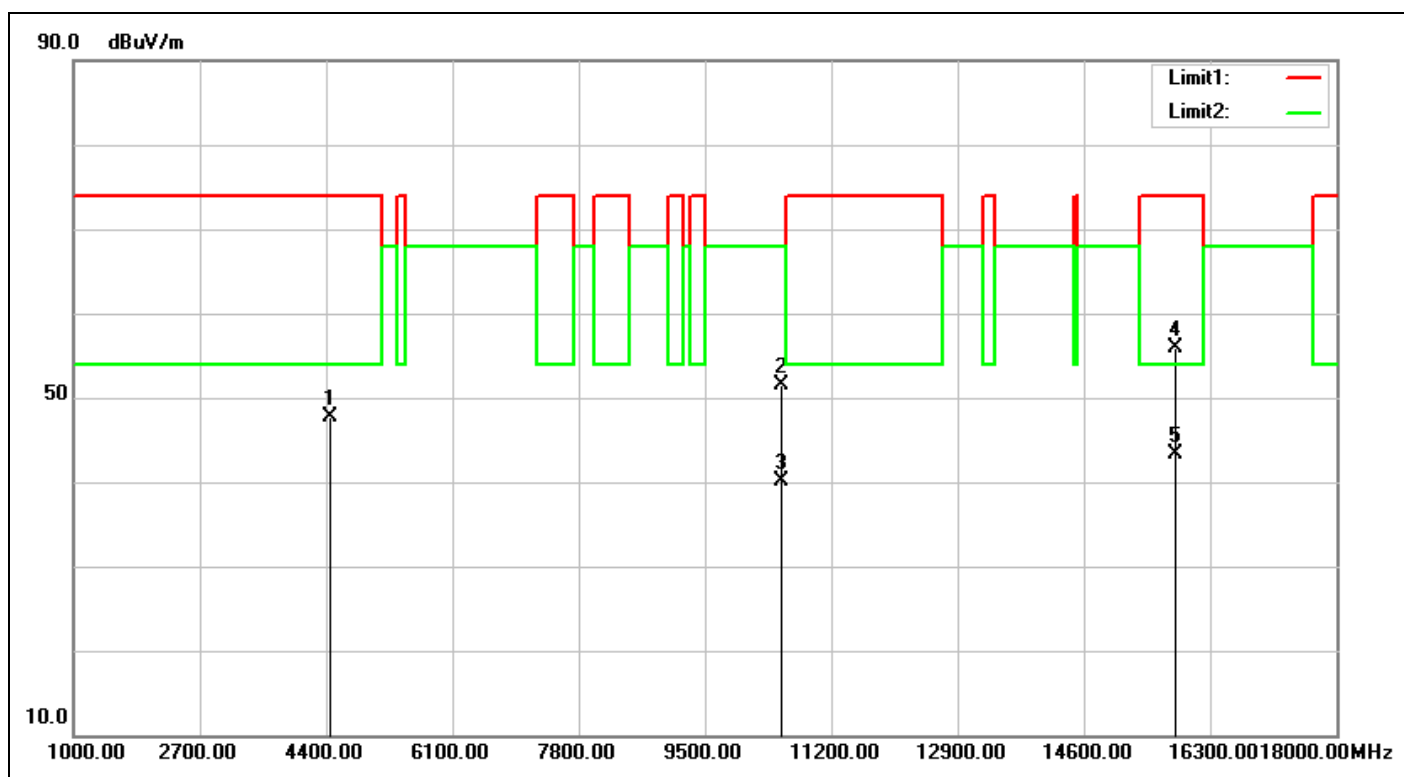
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:47:27
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



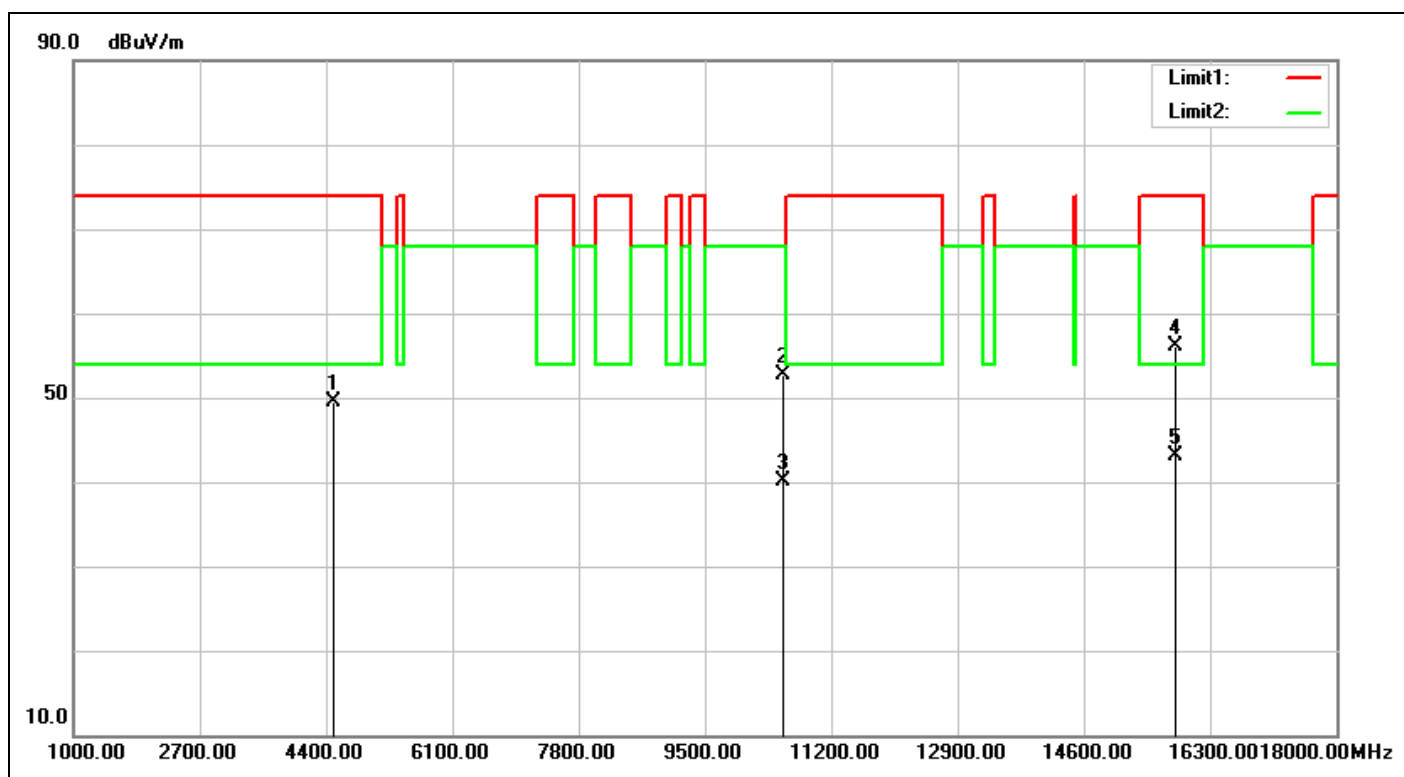
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:48:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.:	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			



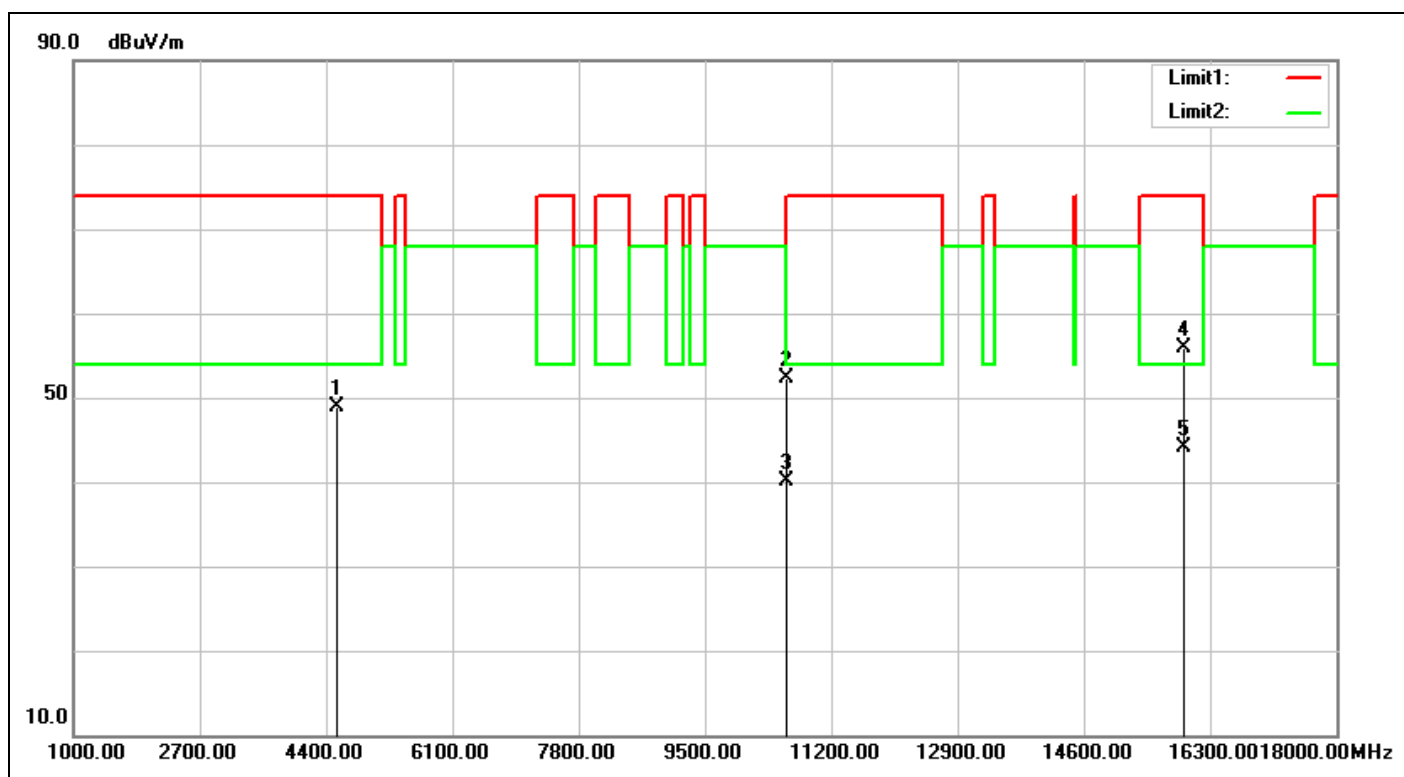
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/30 19:01:30
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	23(°C)/65%
Model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



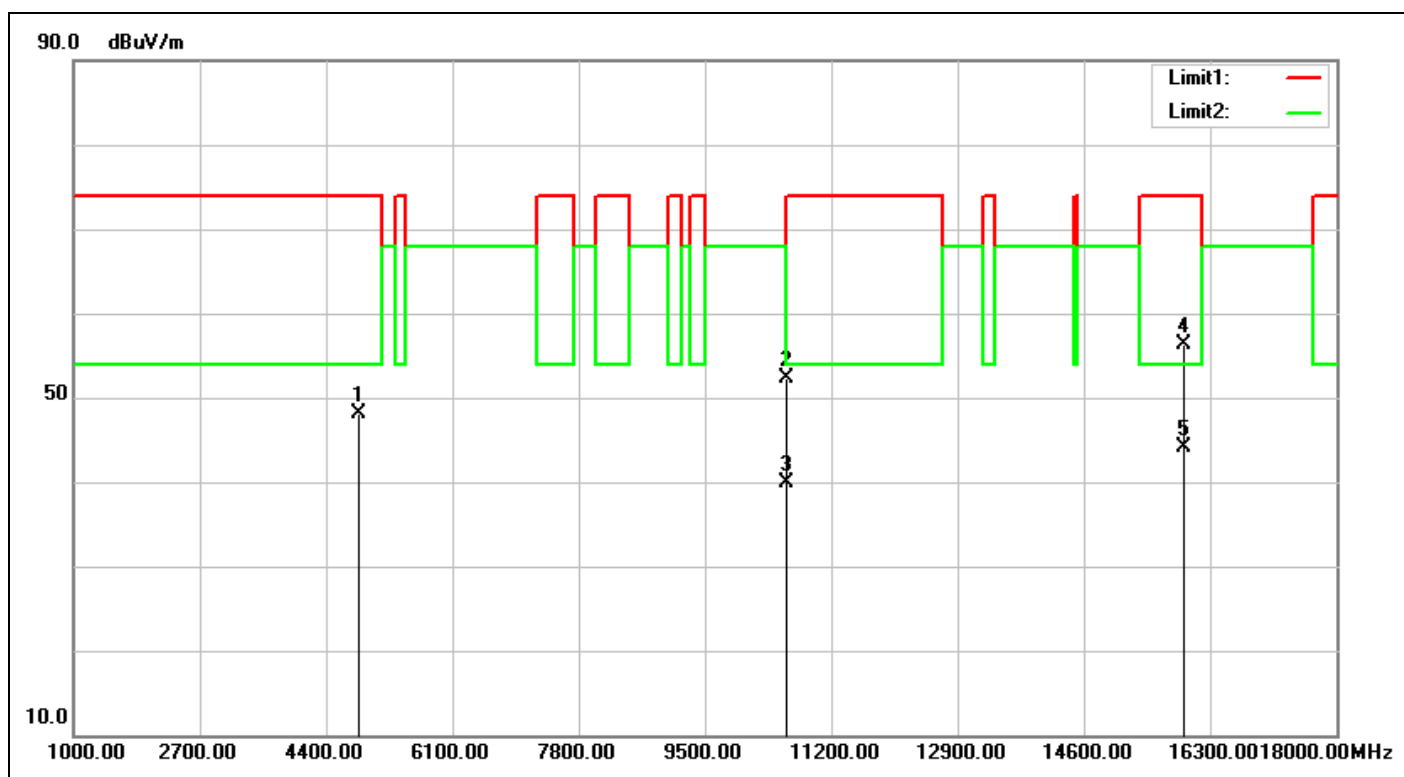
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/30 19:02:22
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	23(°C)/65%
Model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



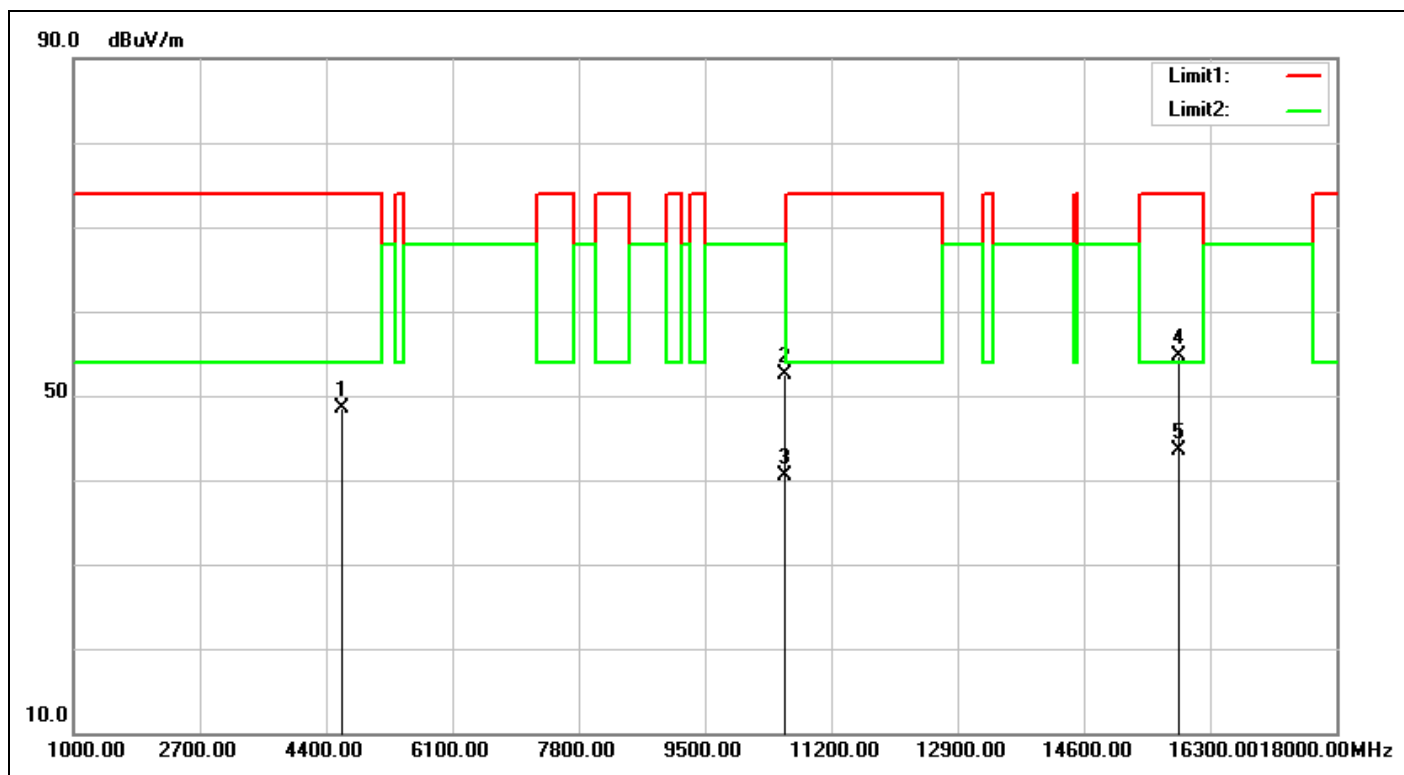
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 03:52:07
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
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			



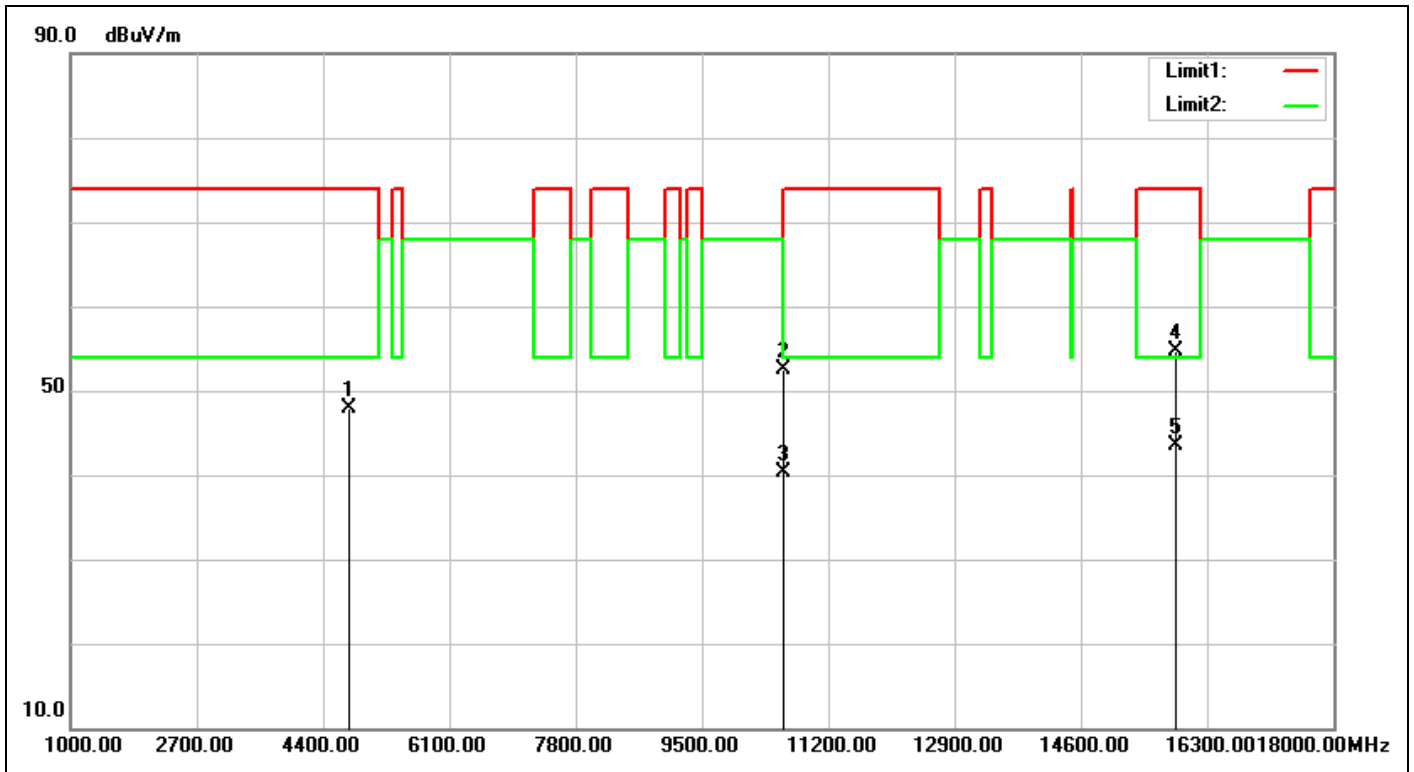
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 03:53:00
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
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			

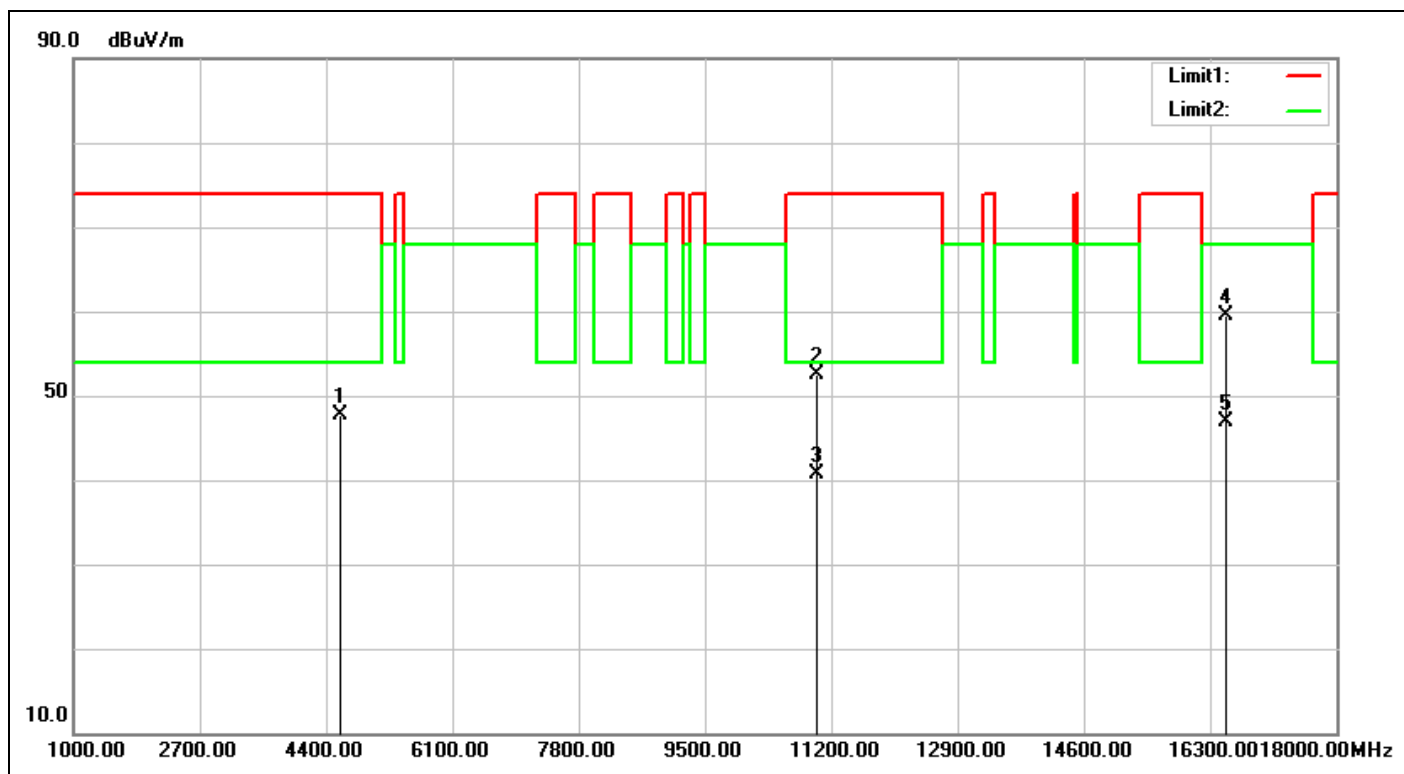
Spurious Emissions, TX Mode, 1-18G, U-NII-2C



TUV Rheinland Taiwan Ltd.

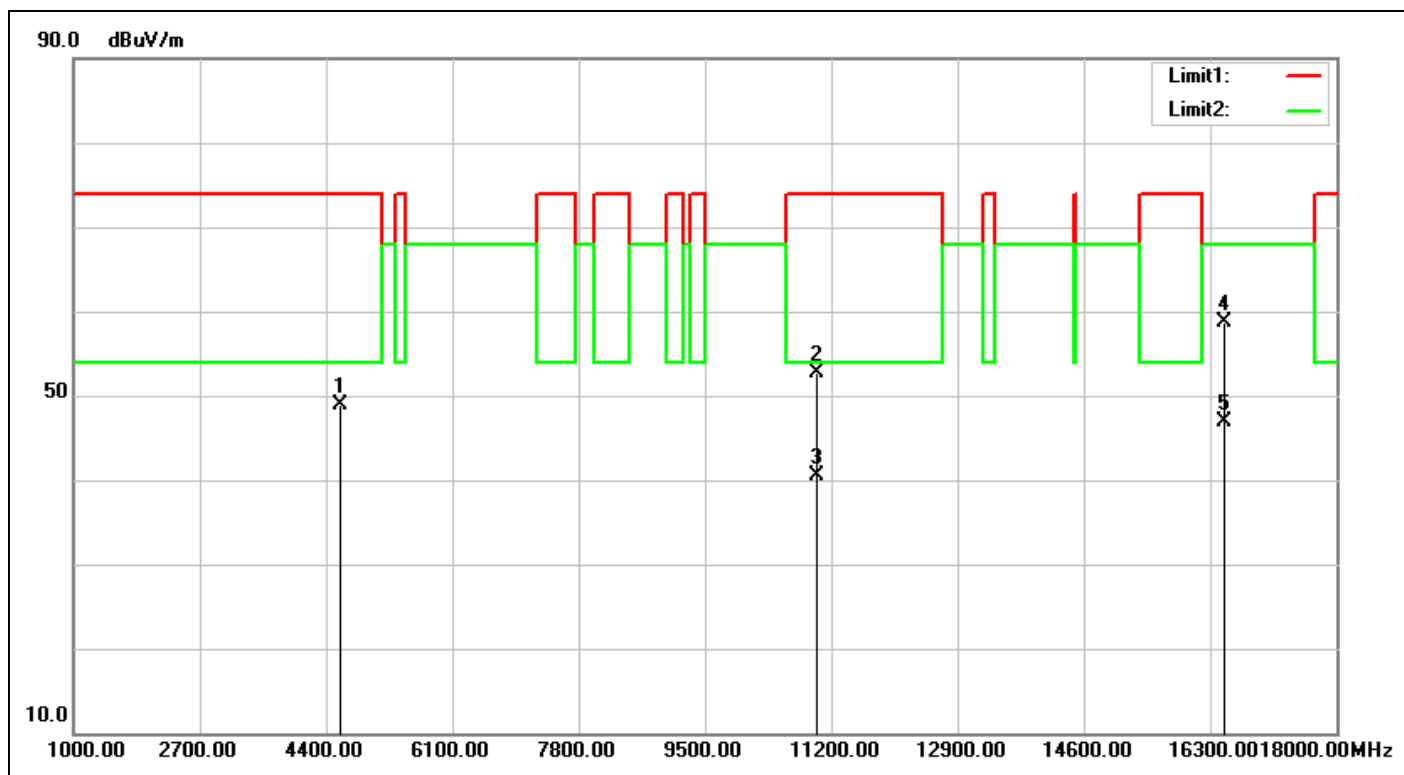
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



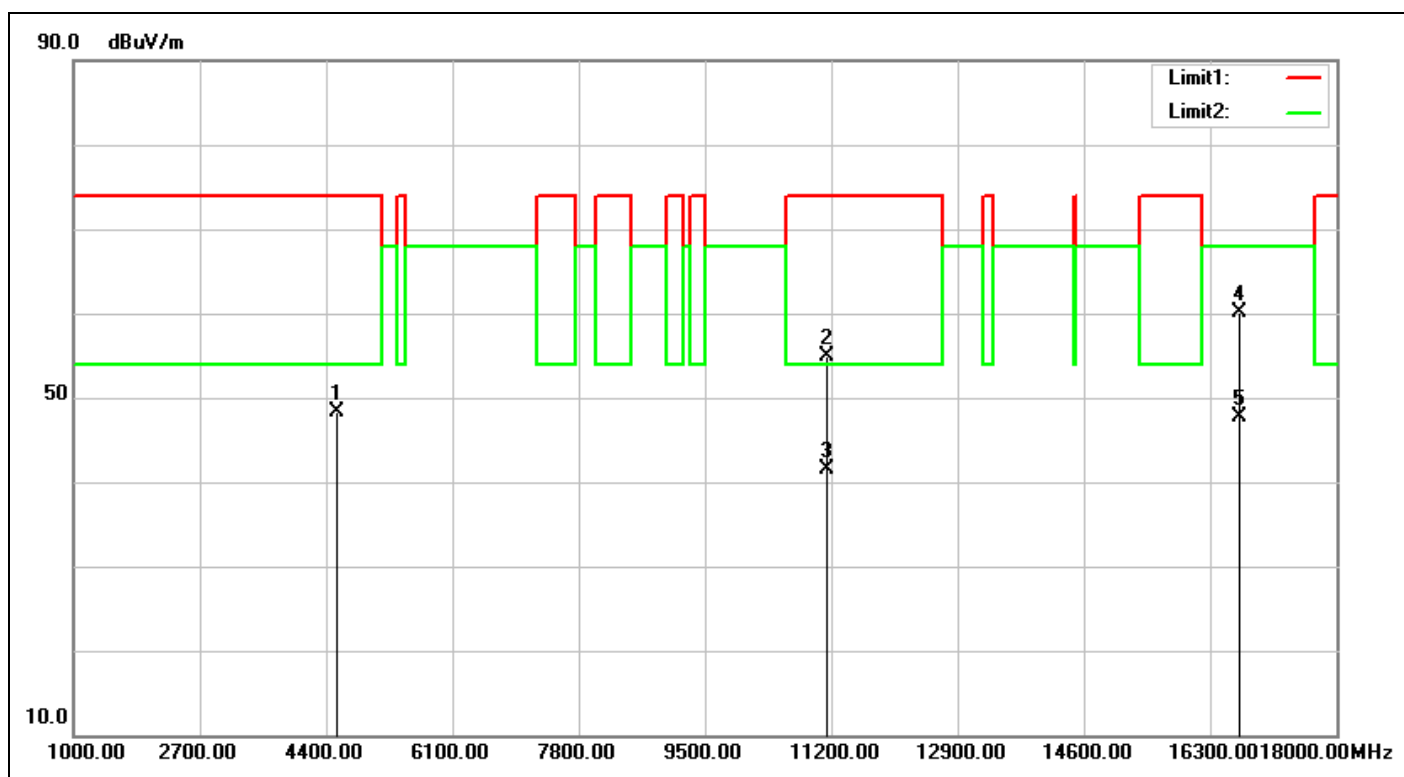
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:04:09
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



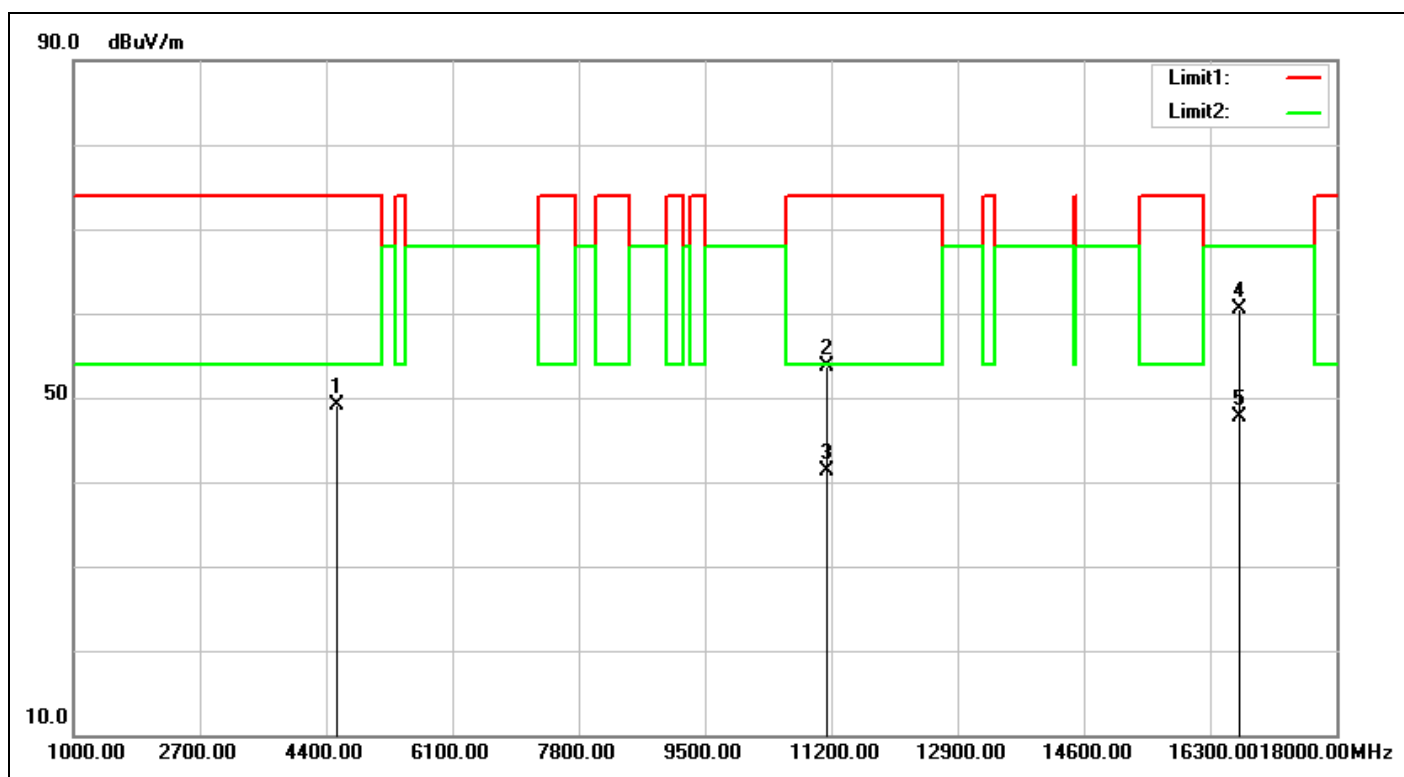
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:05:01
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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



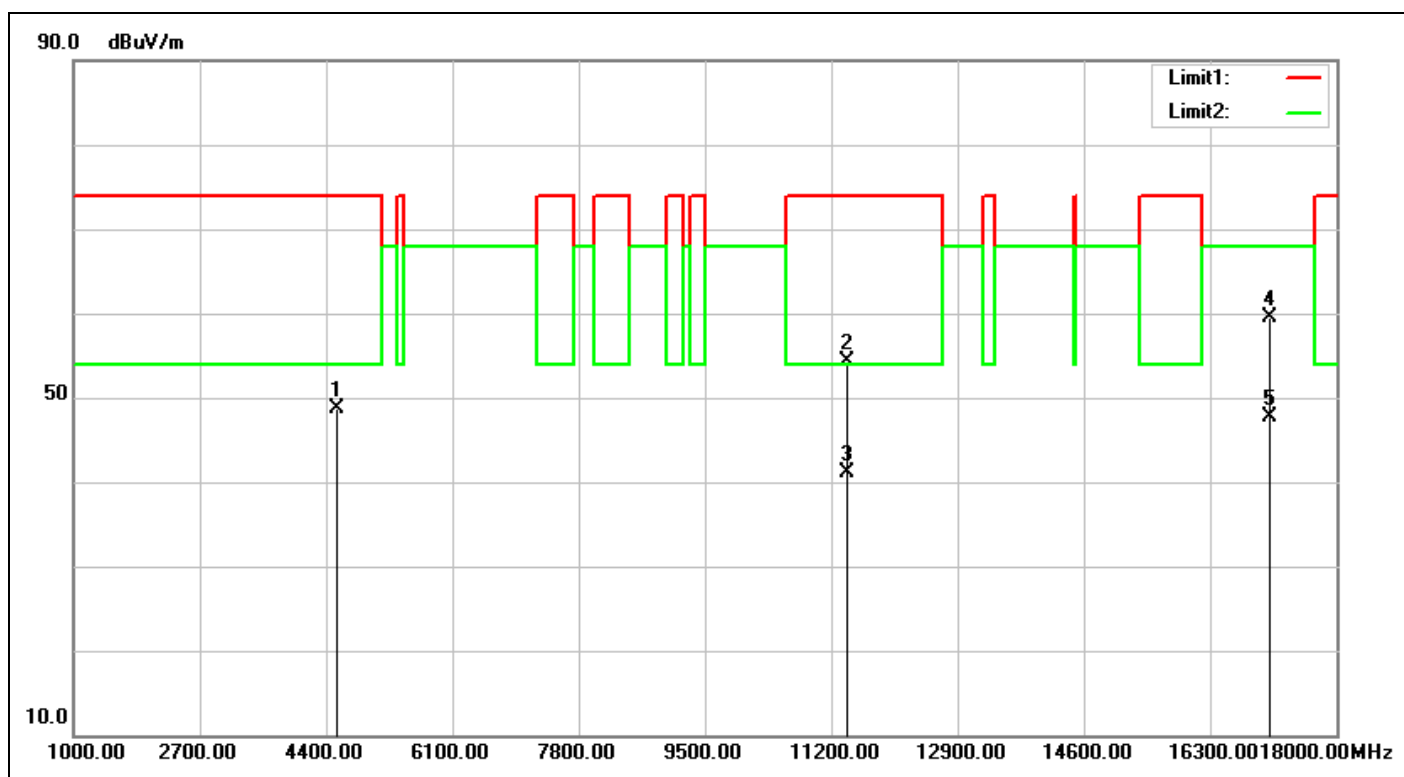
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:08:29
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
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			



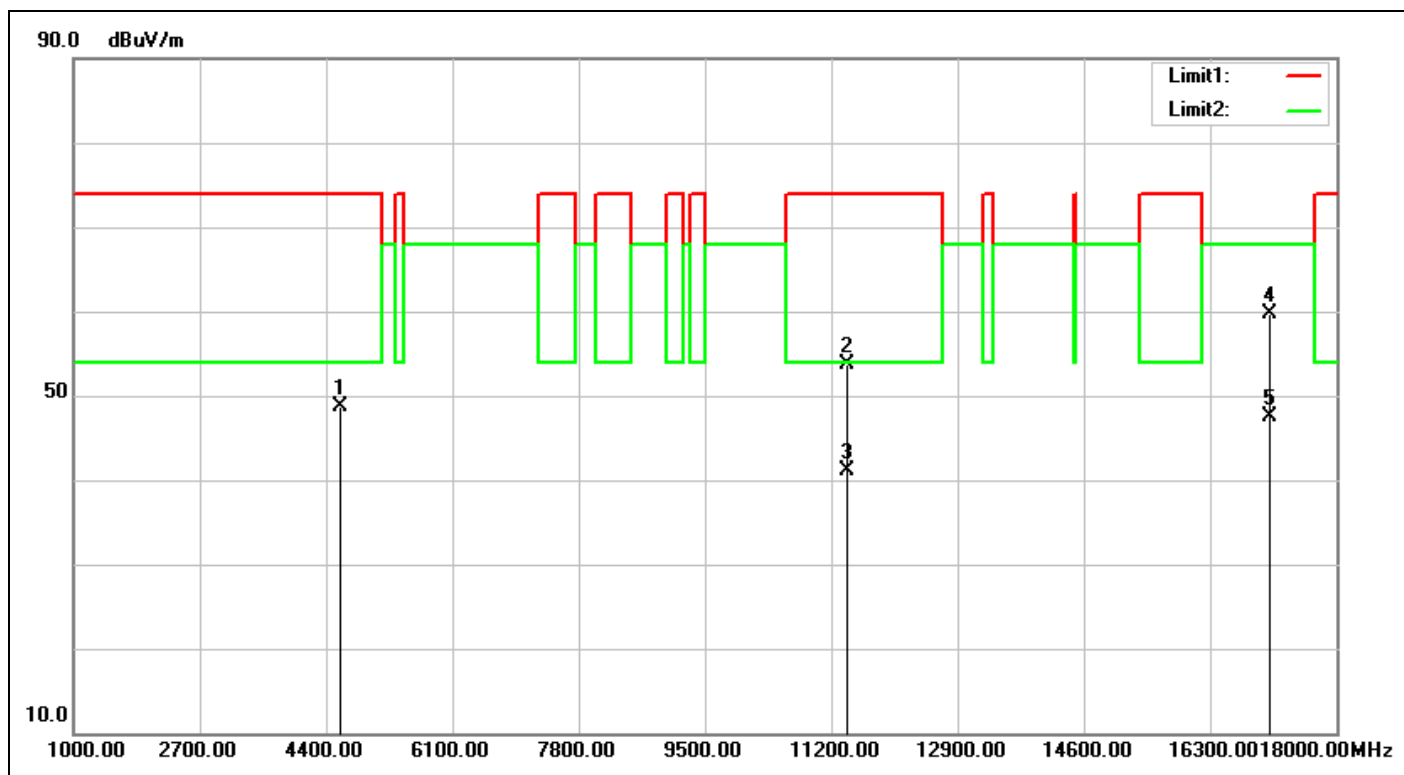
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:09:21
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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



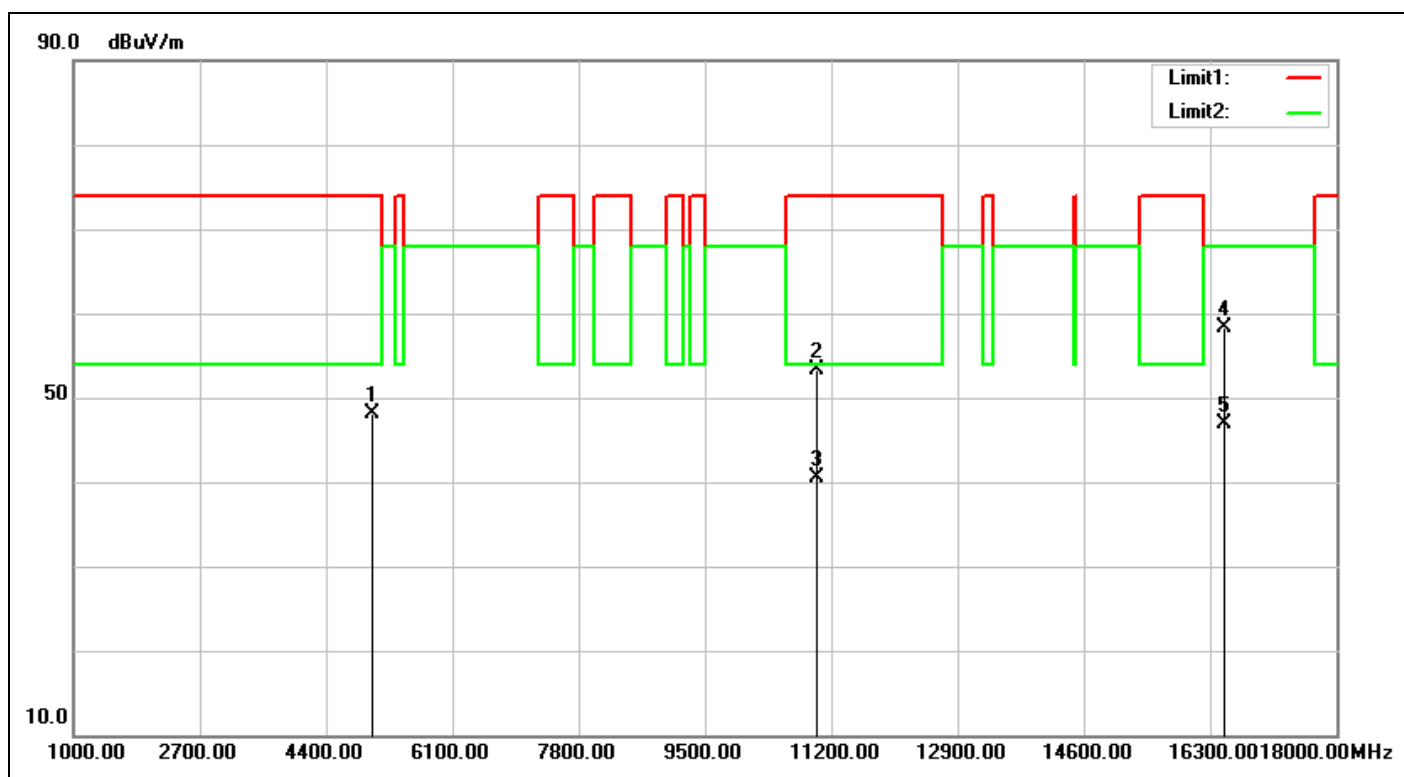
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:12:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



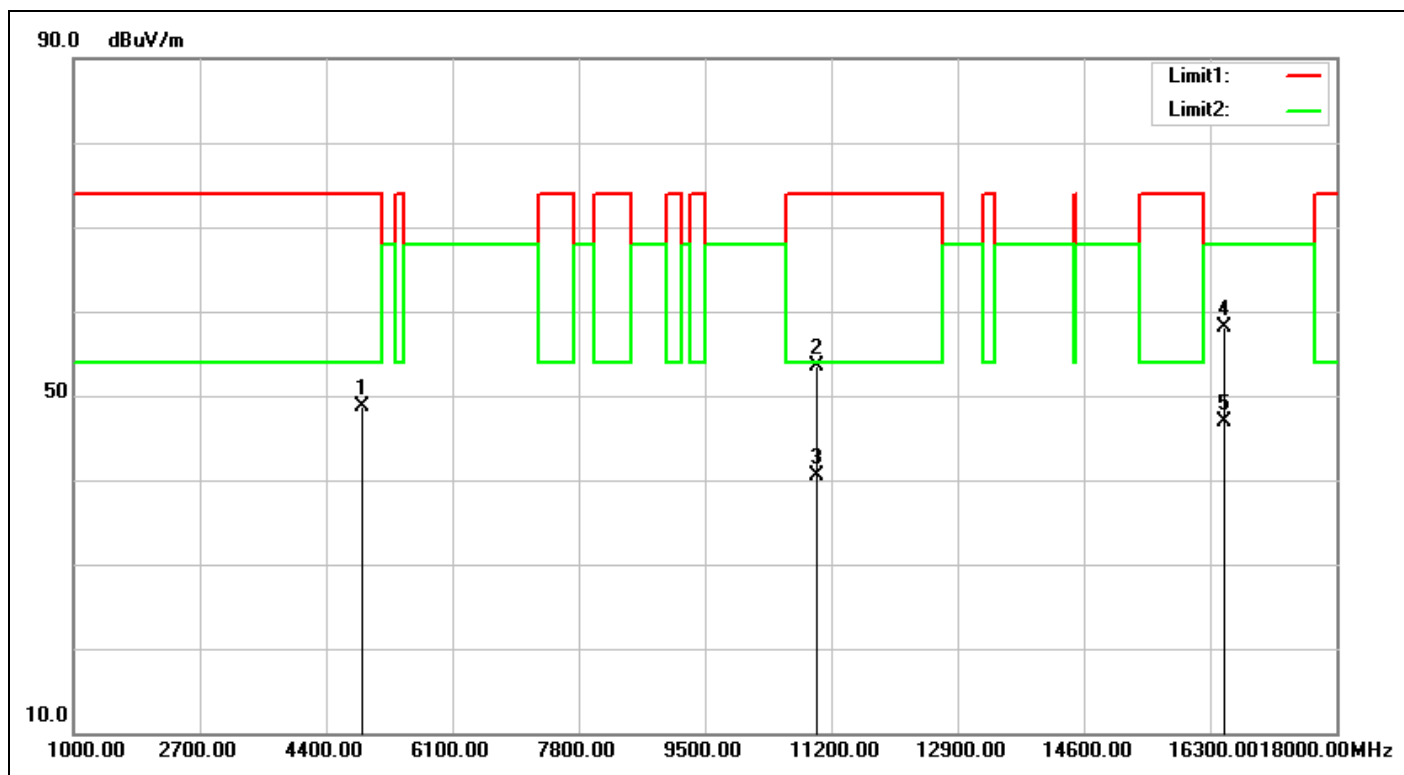
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:13:11
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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



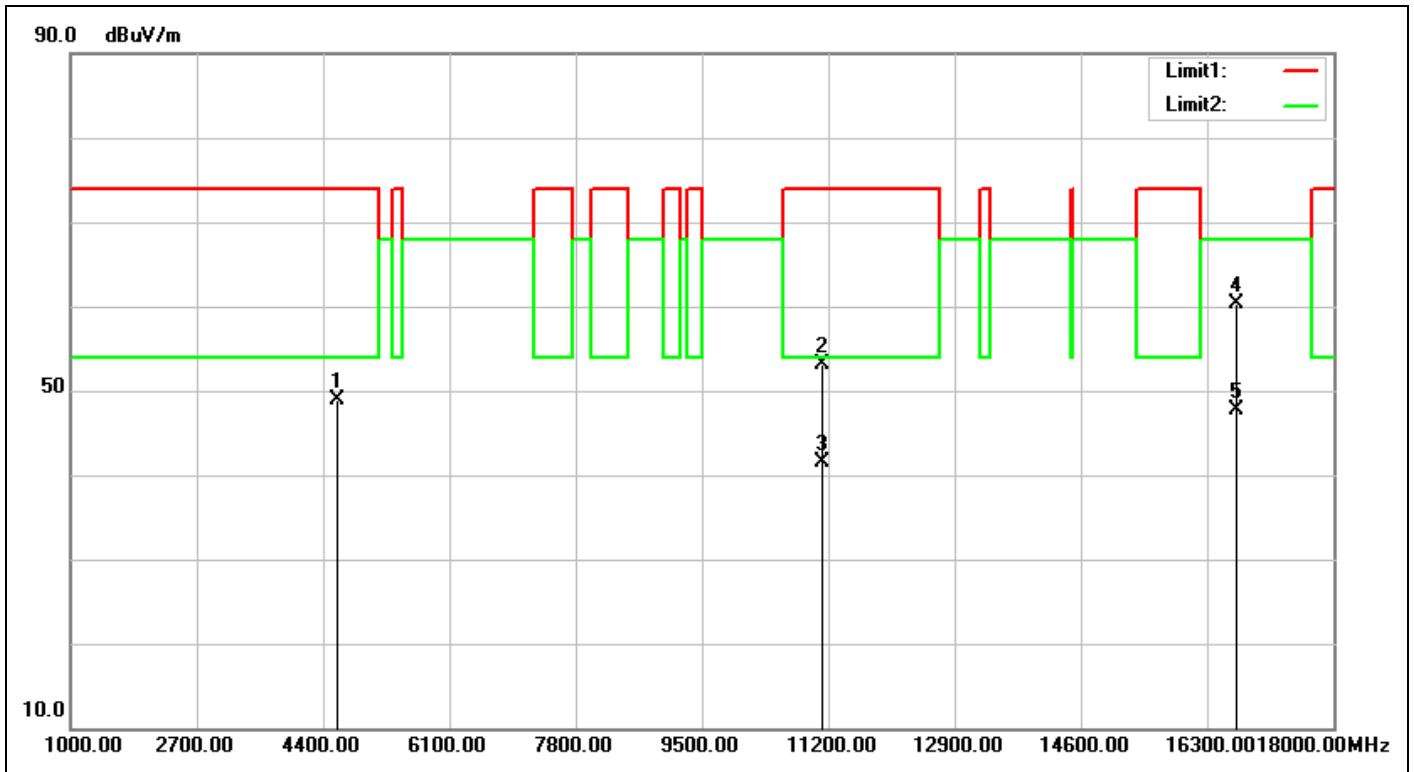
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:17:22
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



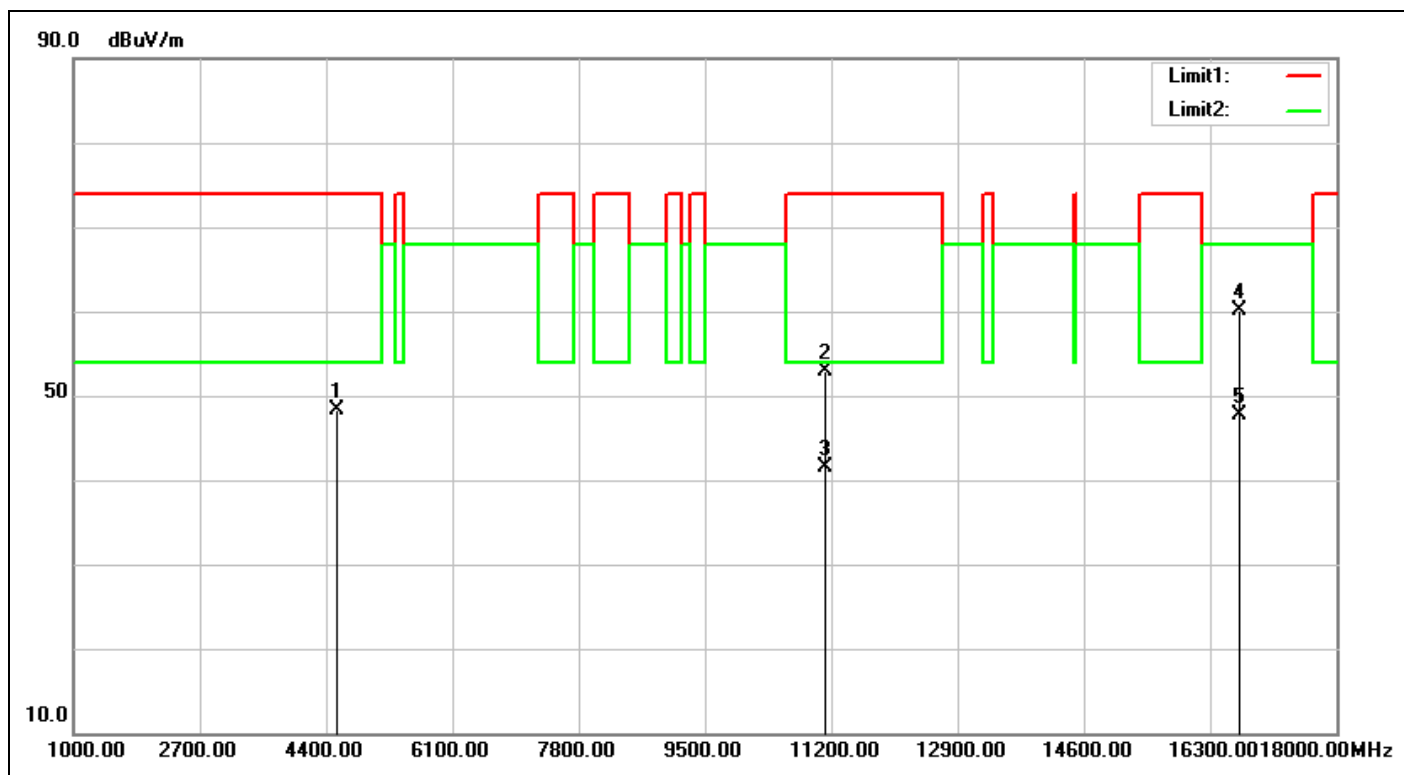
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:18:14
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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



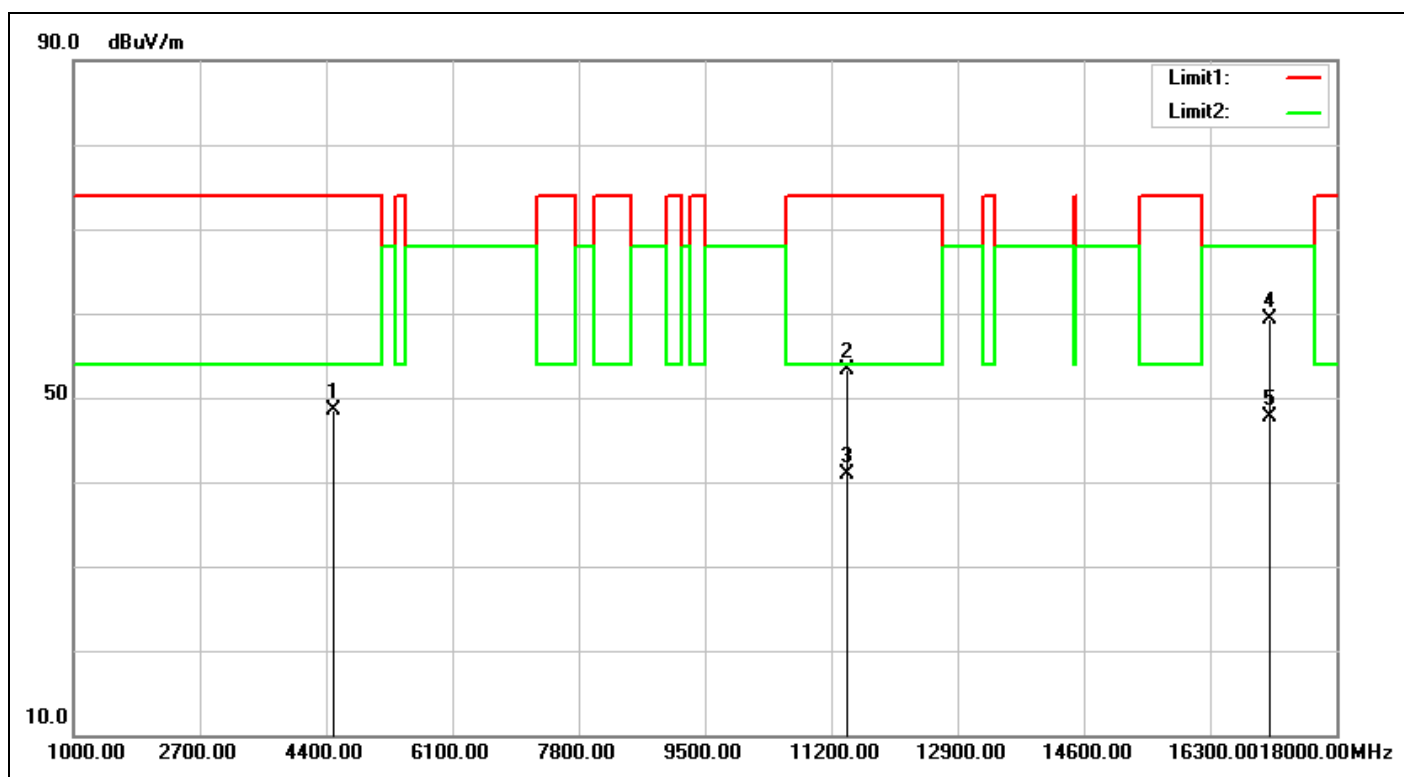
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:21:37
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



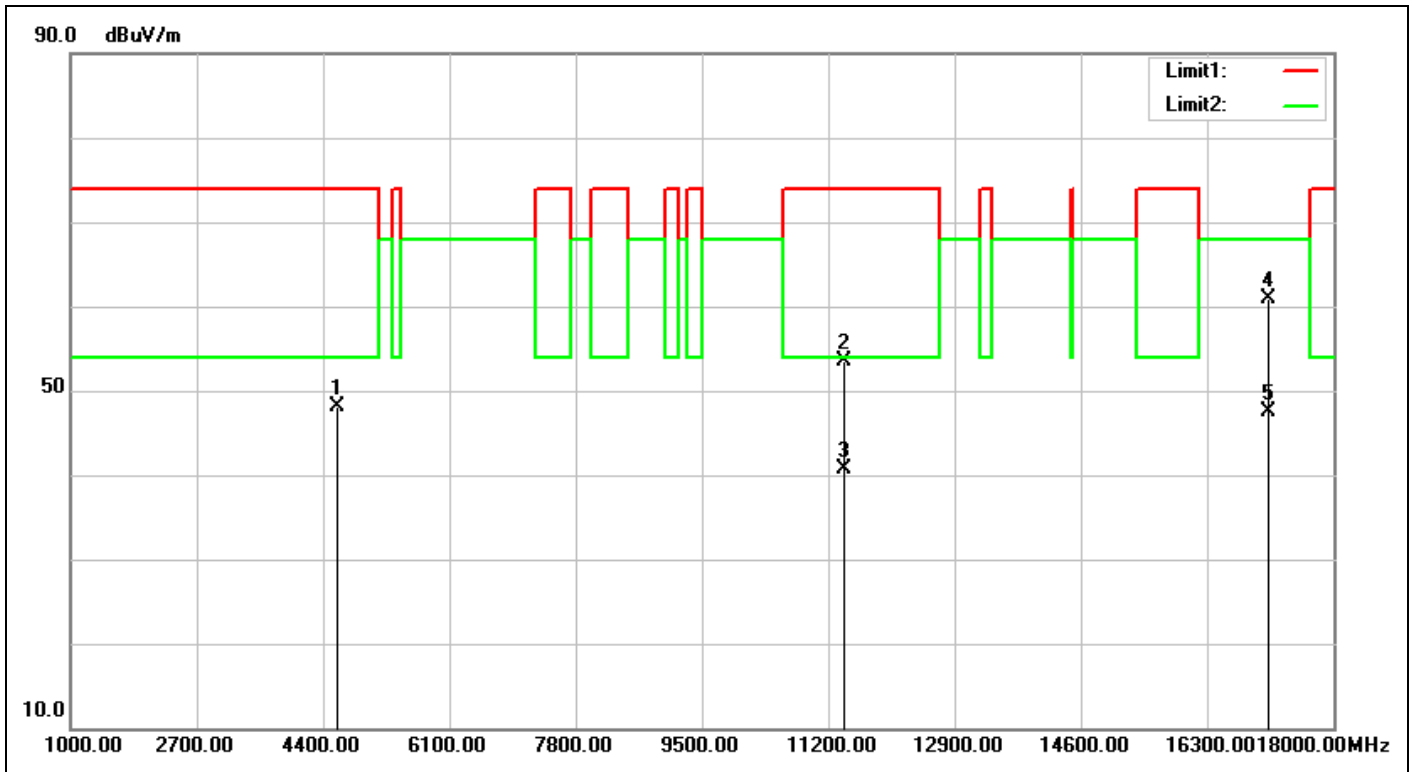
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:22:30
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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



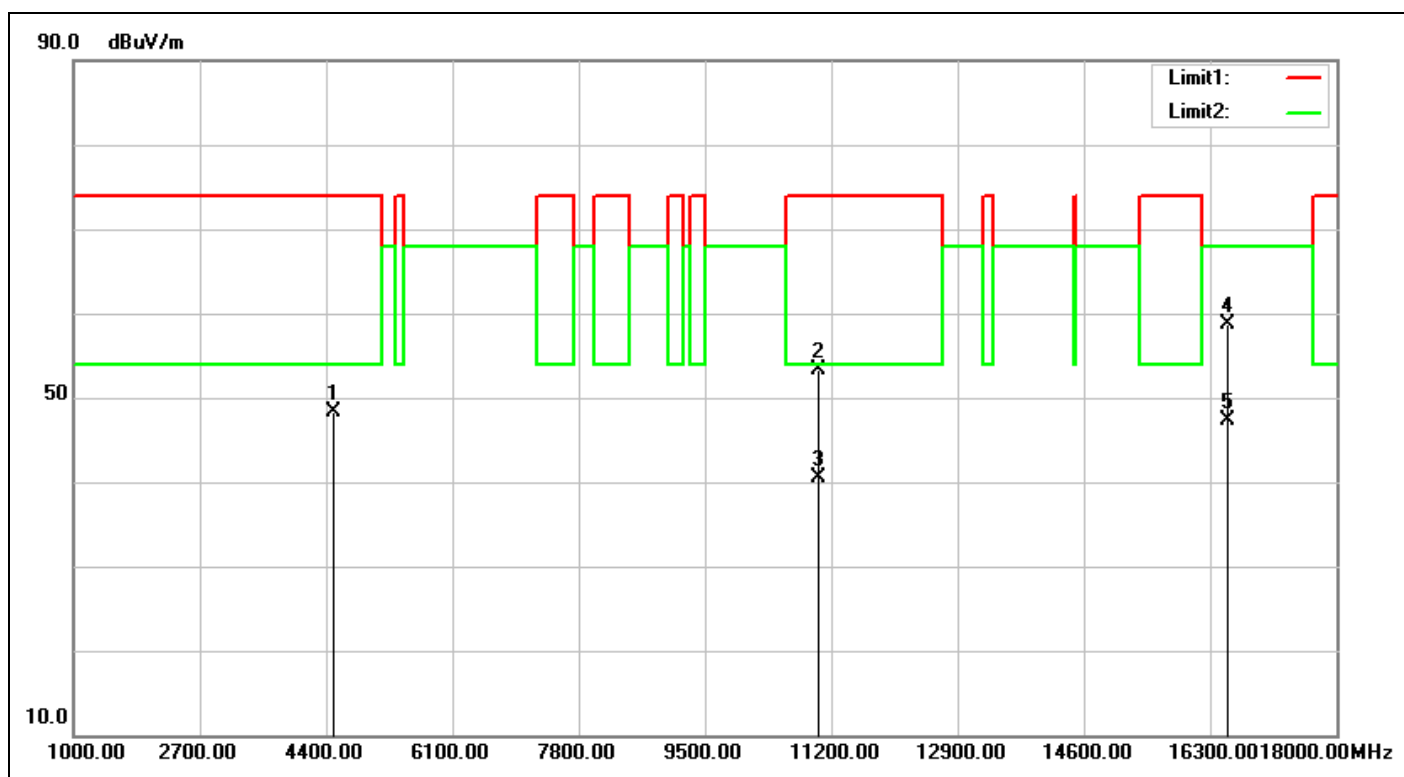
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:25:34
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



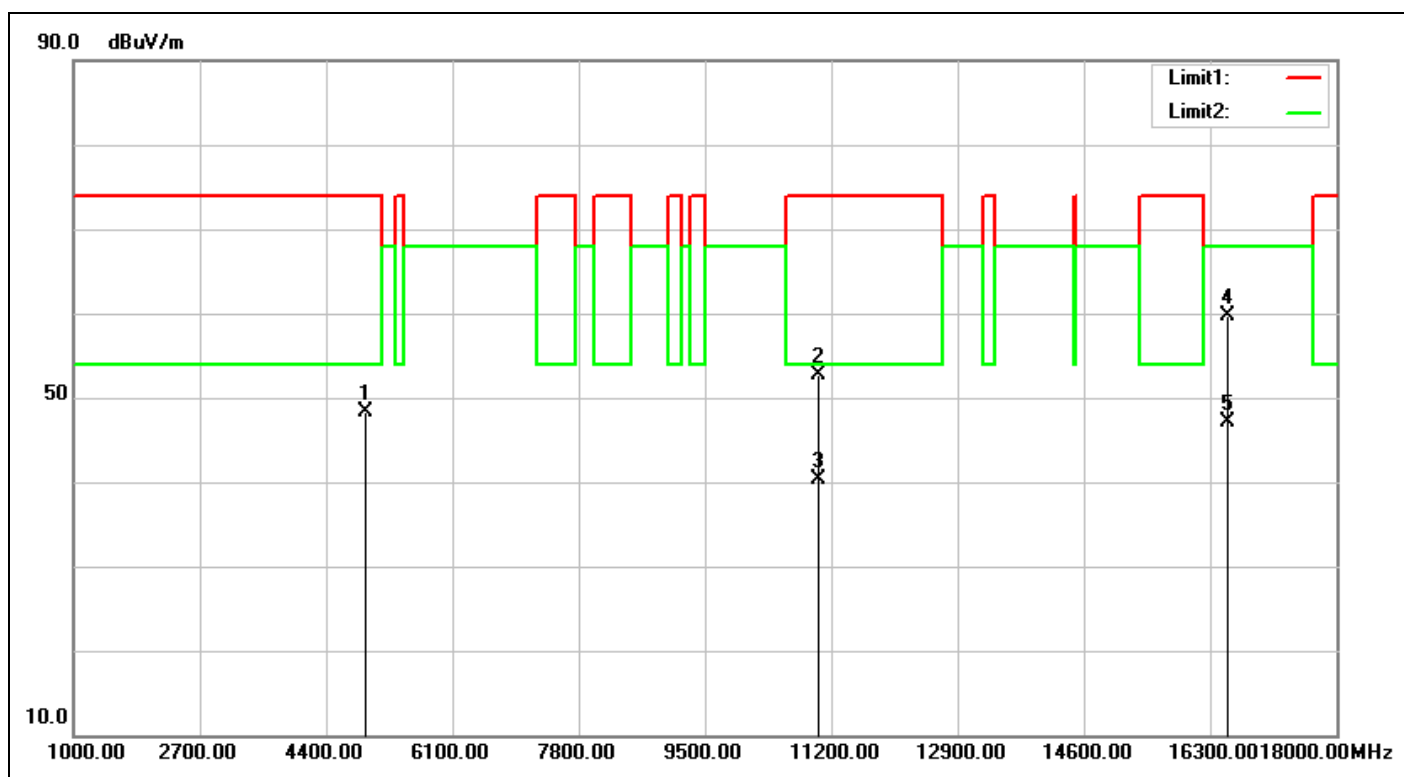
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:26:27
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
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			



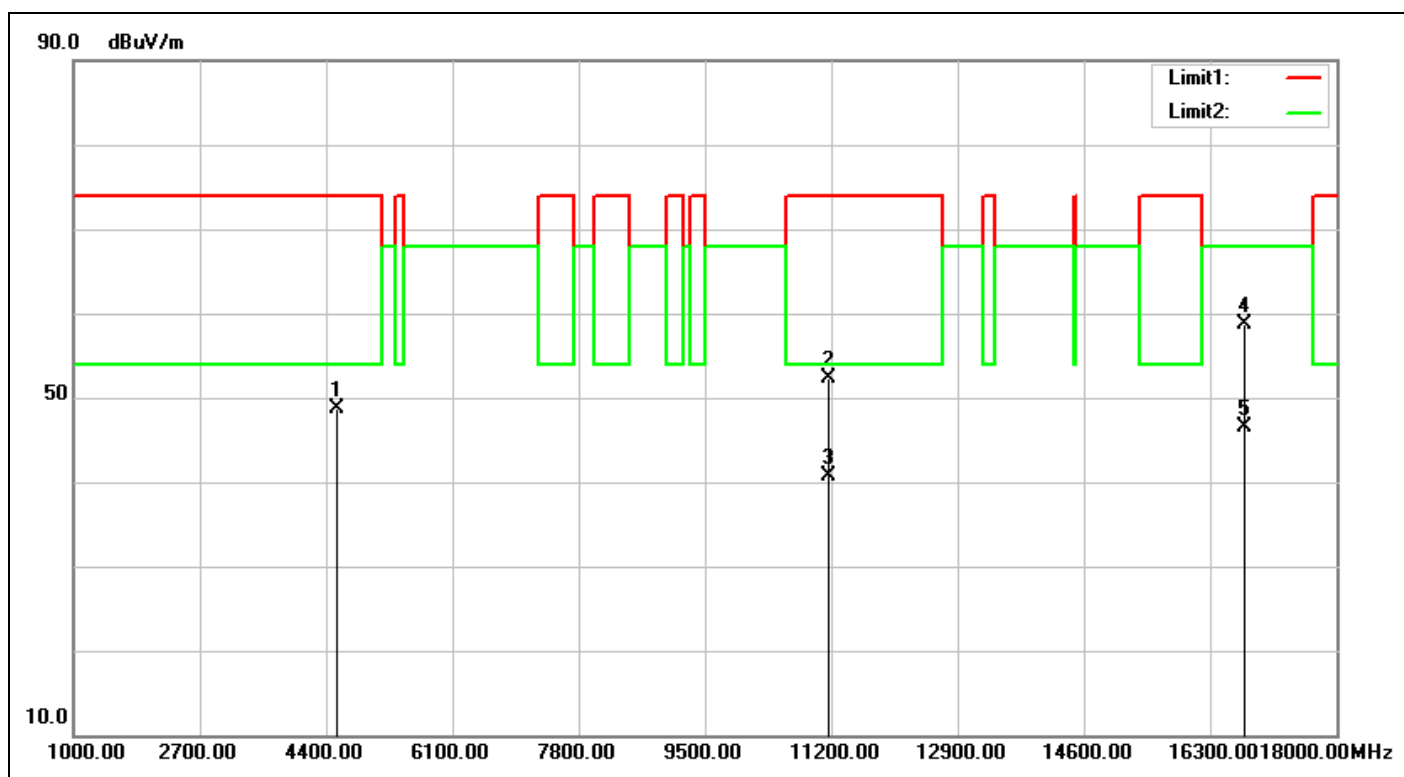
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:29:31
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model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



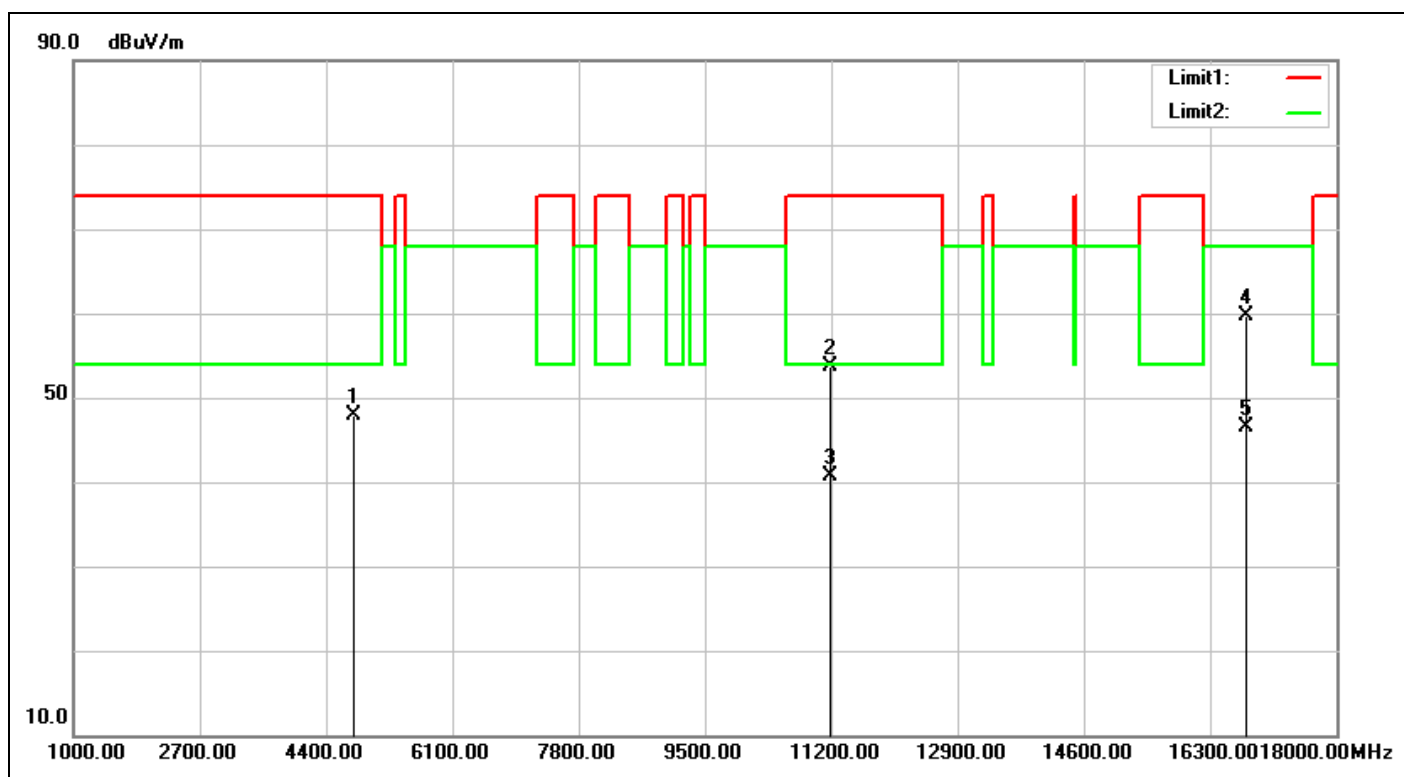
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:30:24
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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



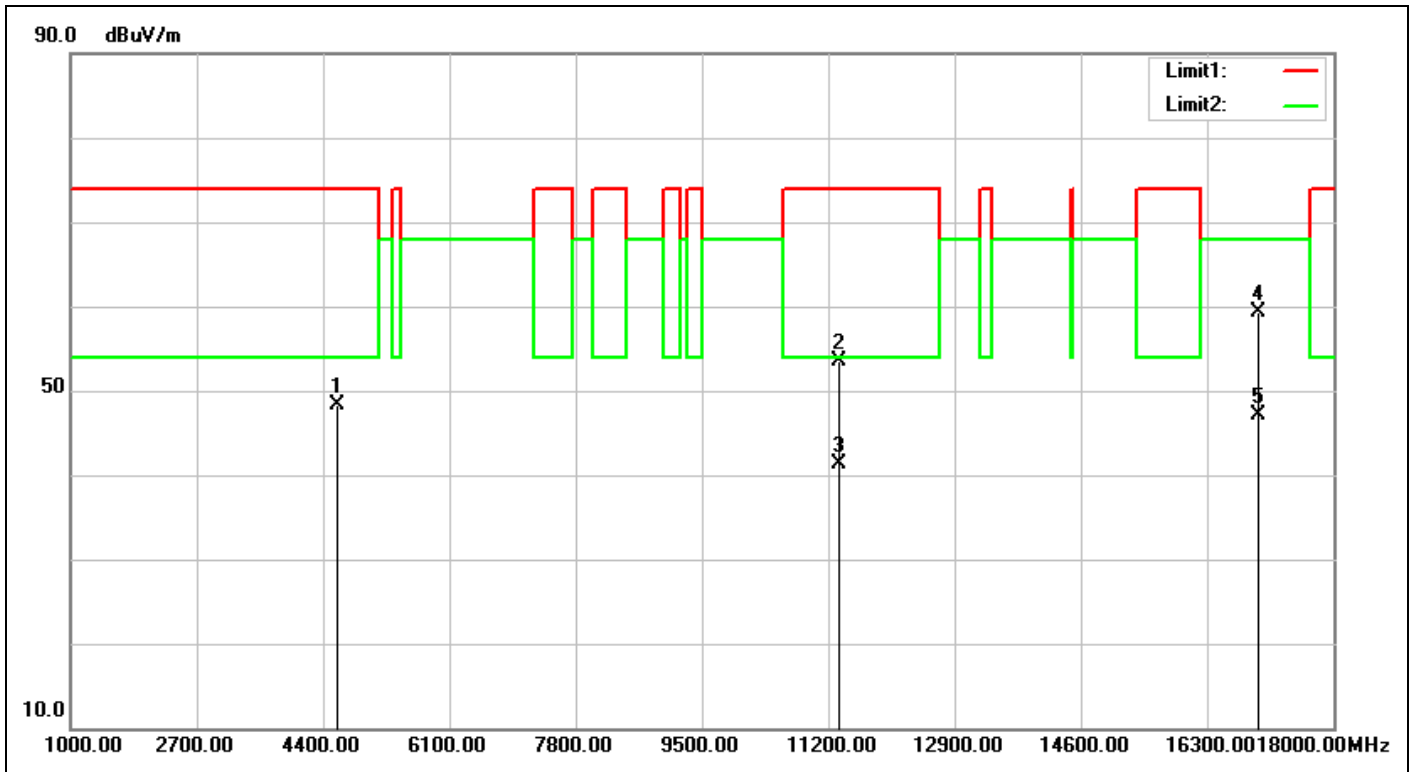
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/30 19:07:25
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	23(°C)/65%
Model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



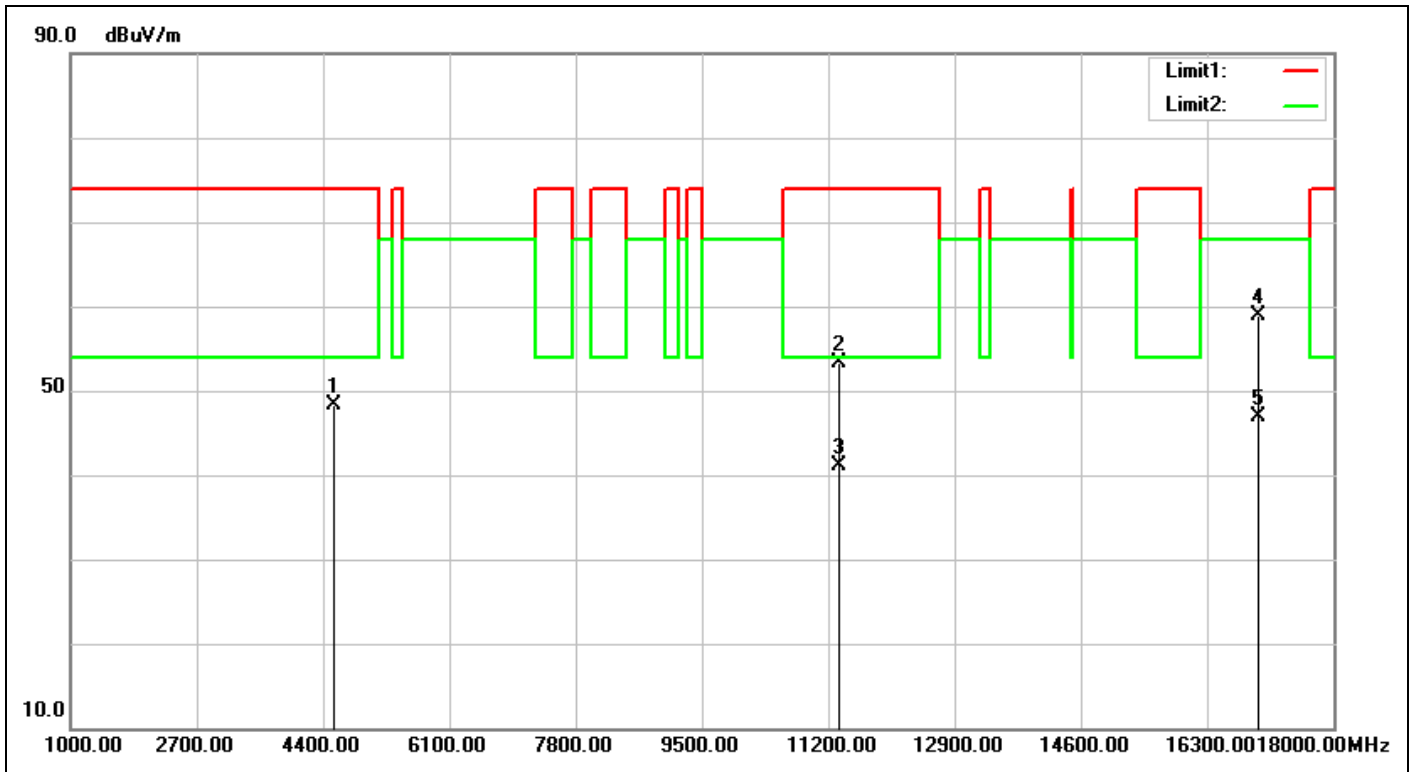
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/30 19:08:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	23(°C)/65%
Model No.: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



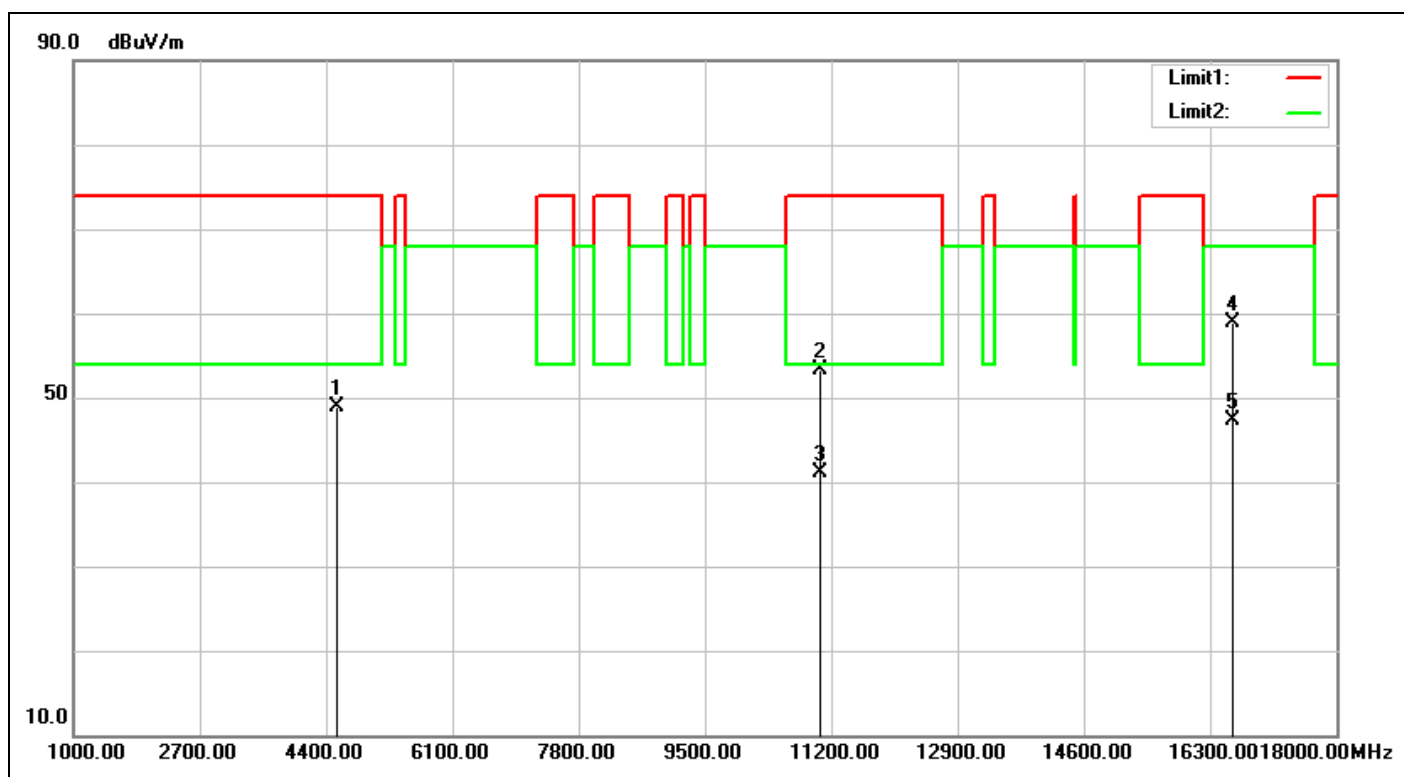
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:33:36
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



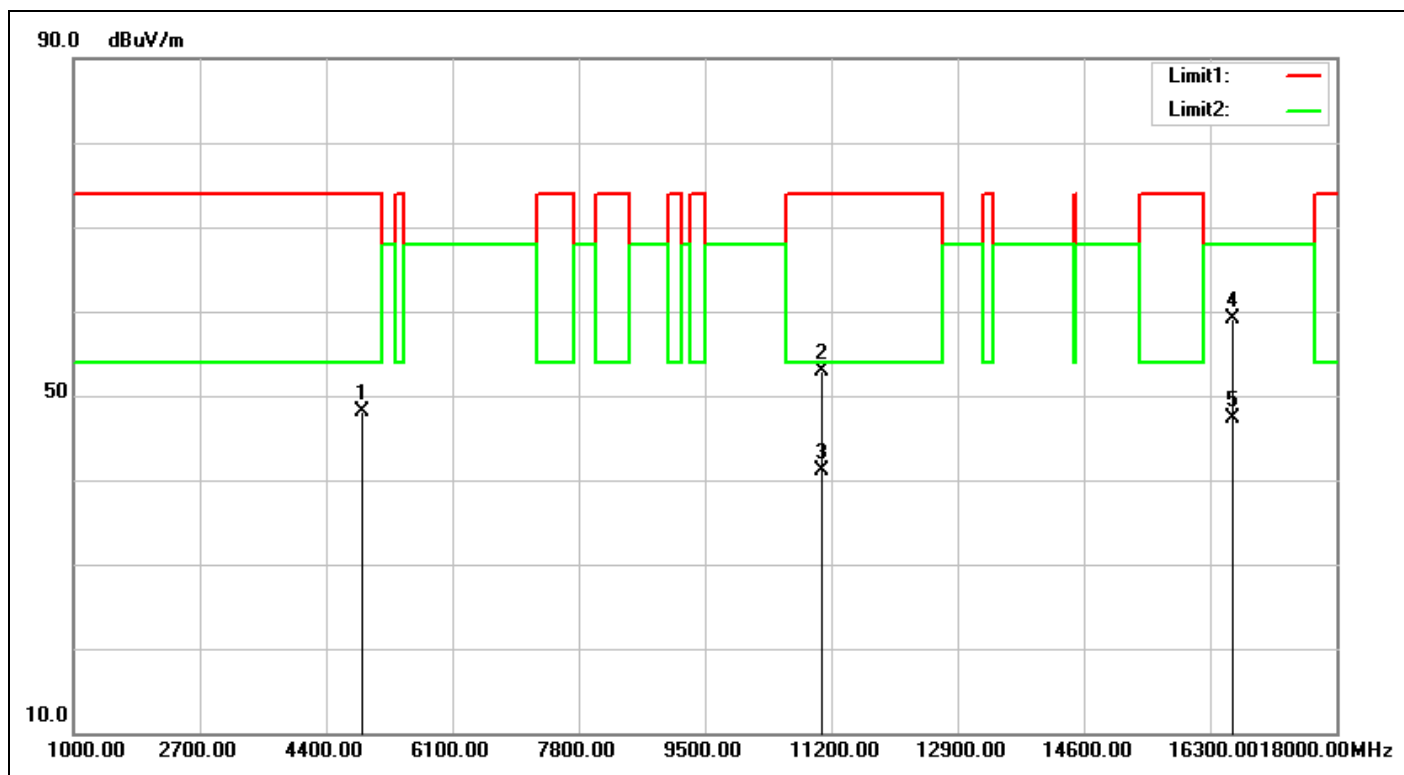
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:34:29
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model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



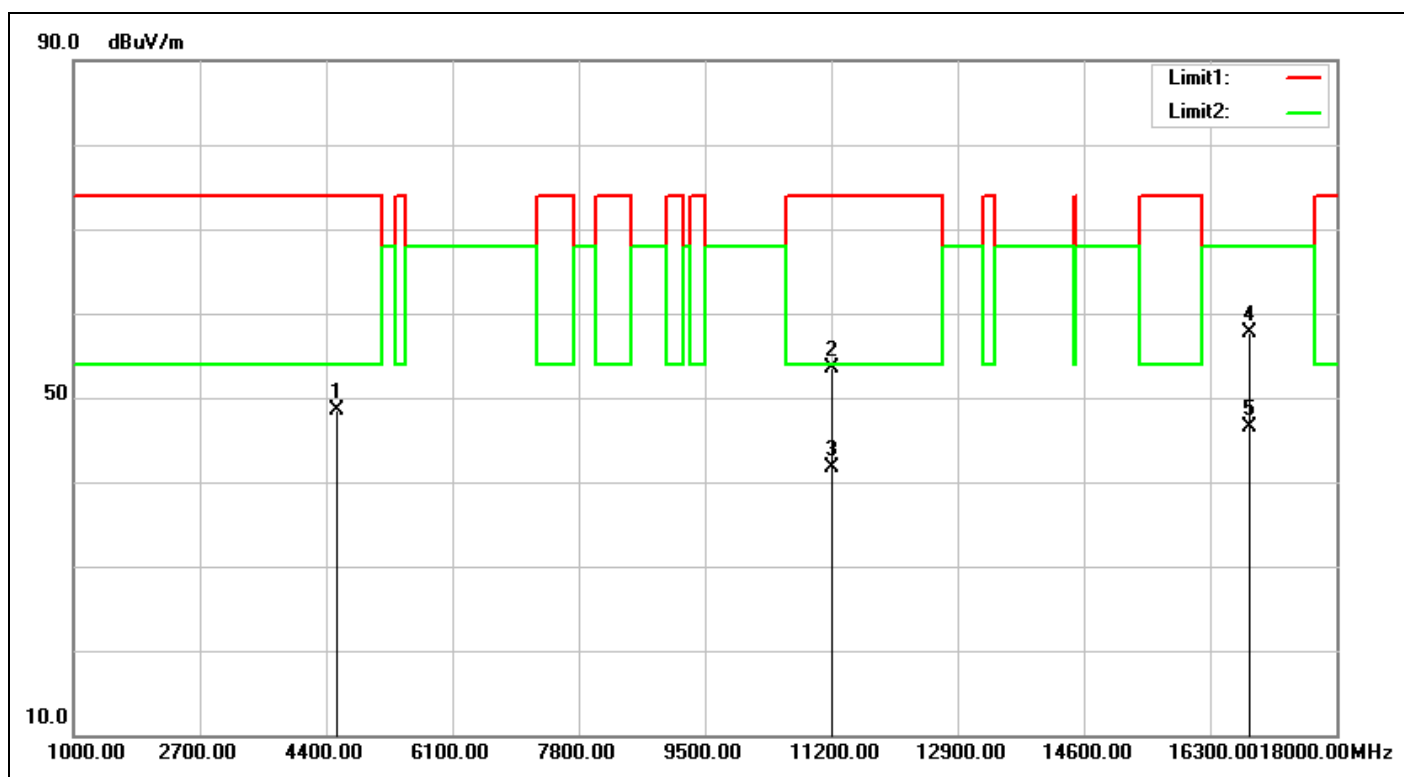
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:38:02
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



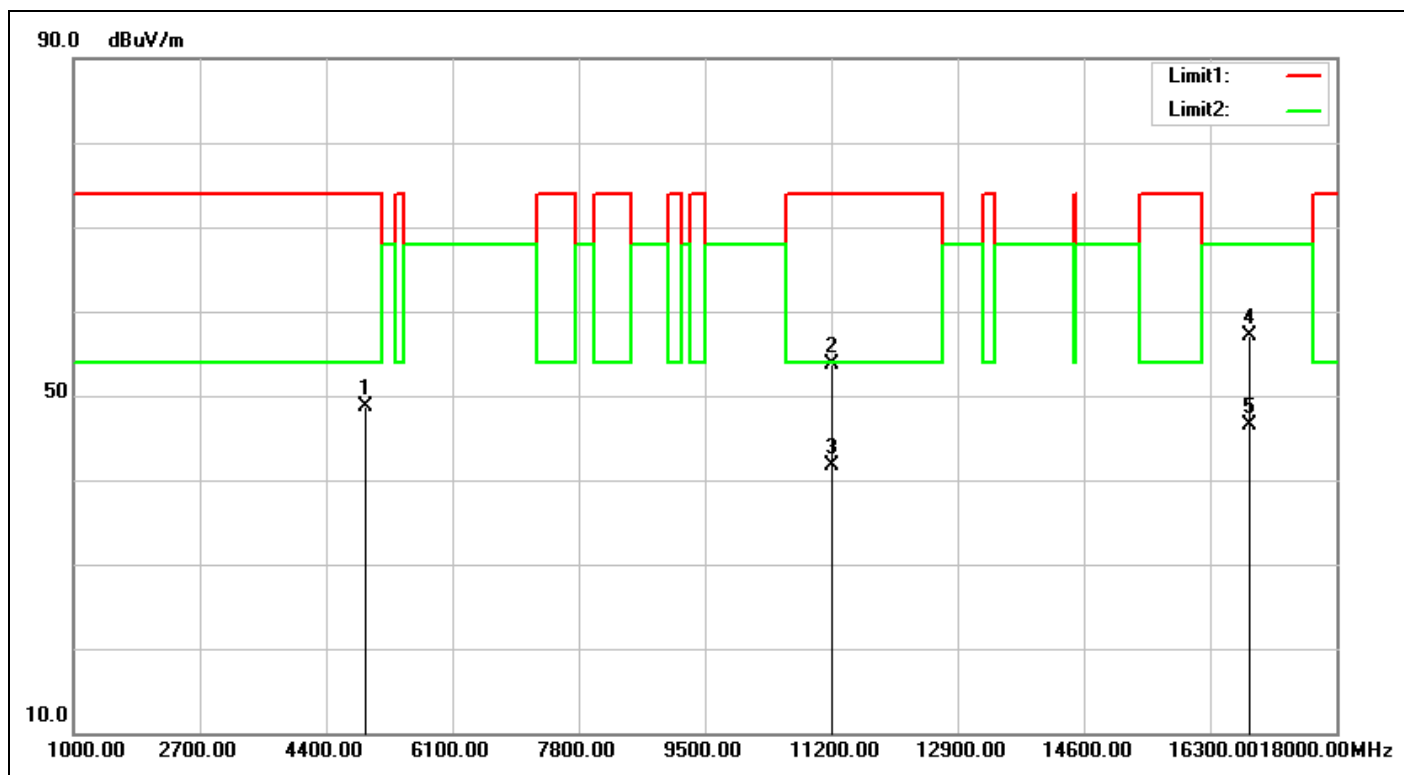
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:38:54
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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

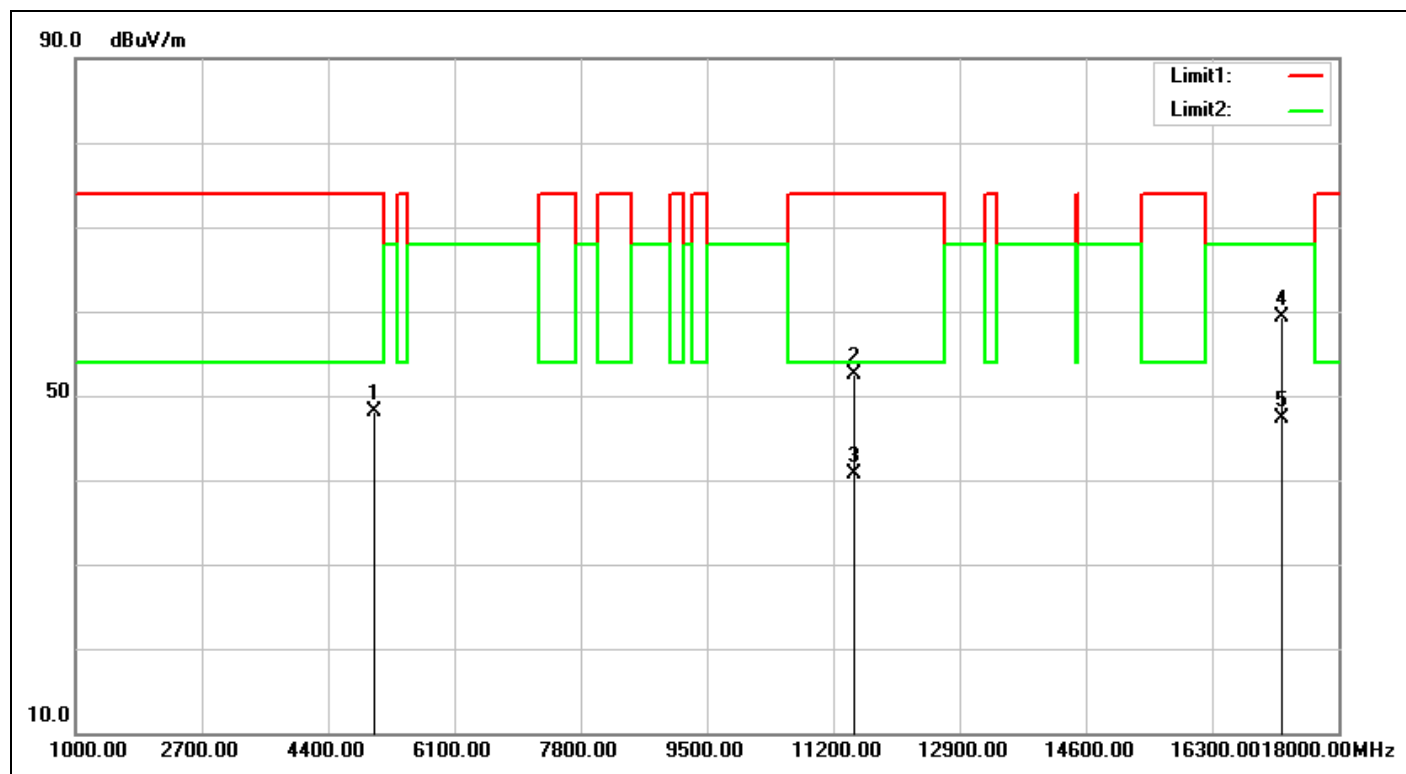
Spurious Emissions, TX Mode, 1-18G, U-NII-3



TUV Rheinland Taiwan Ltd.

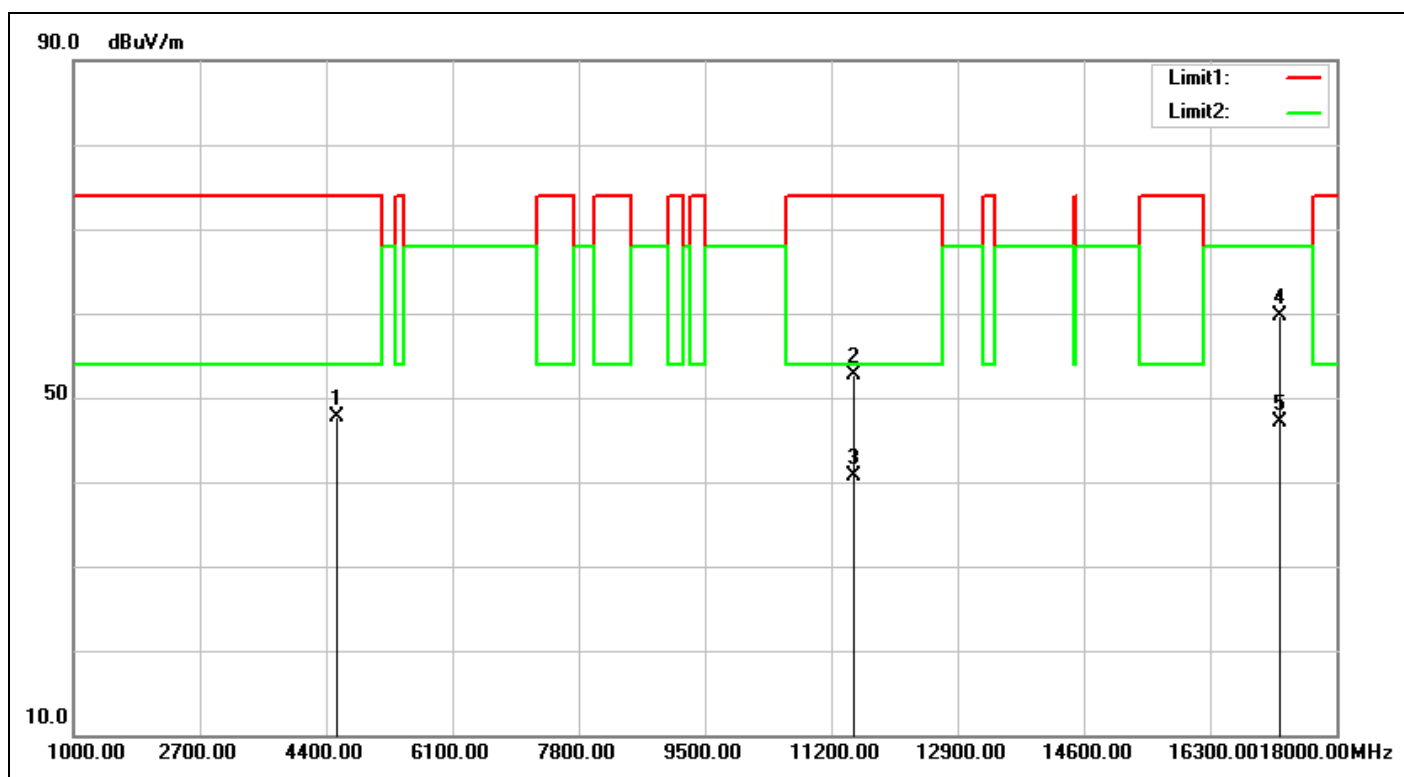
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



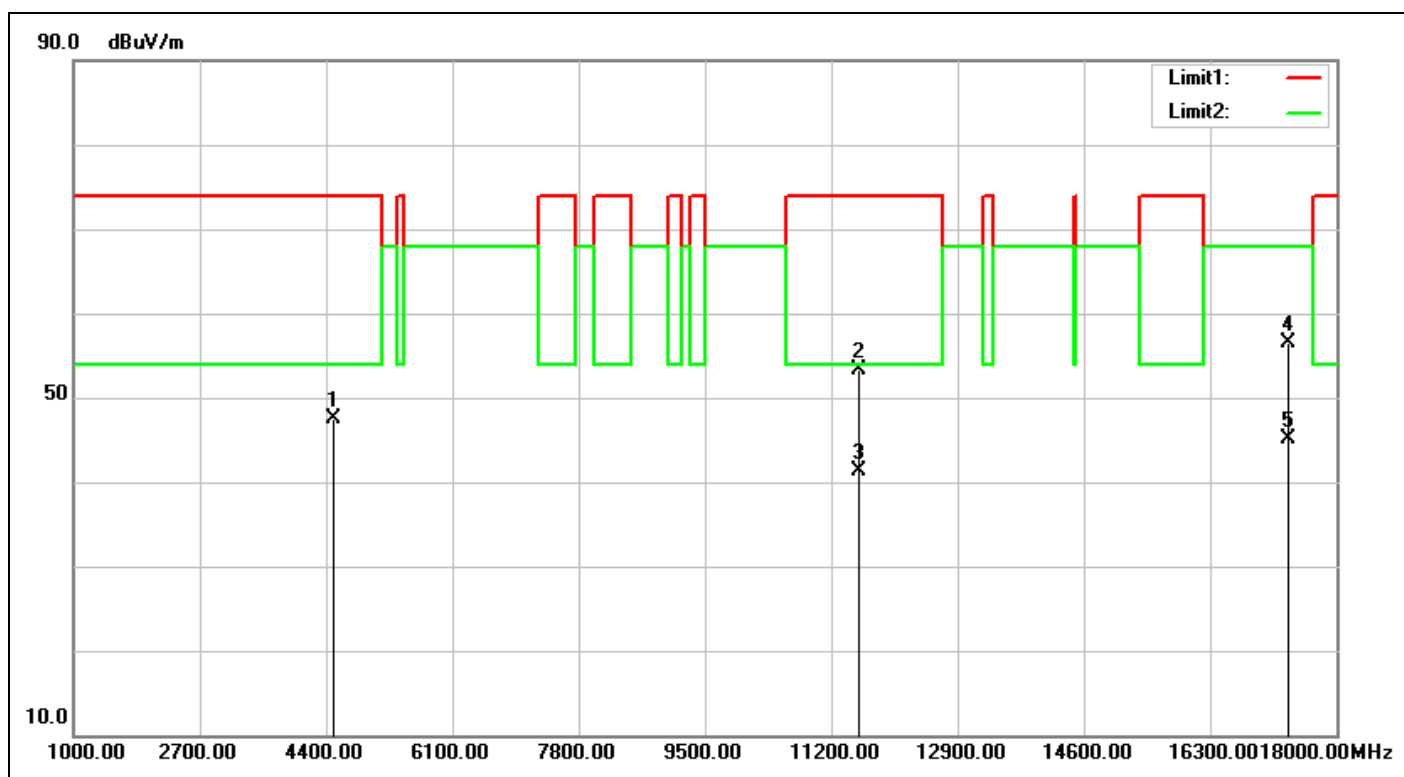
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 04:56:32
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



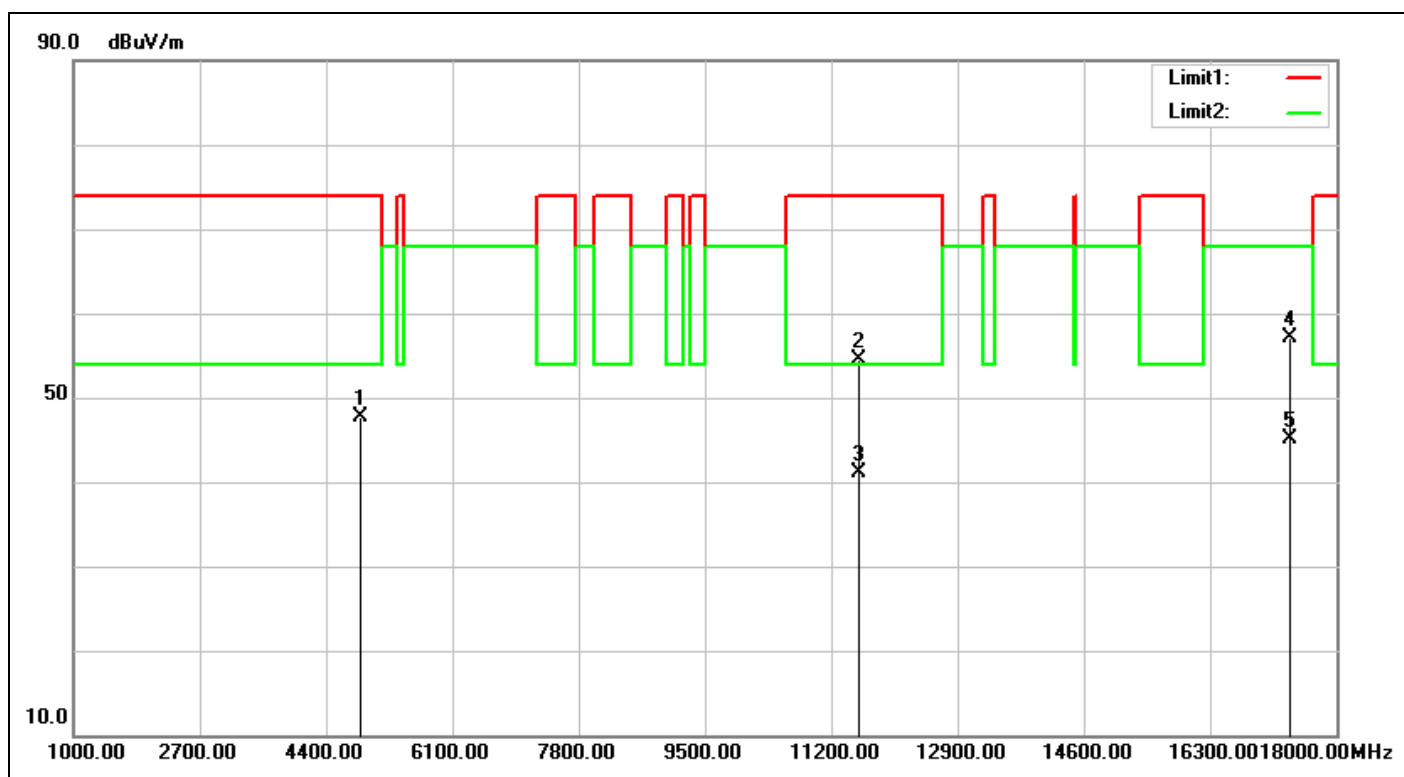
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 04:57:24
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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



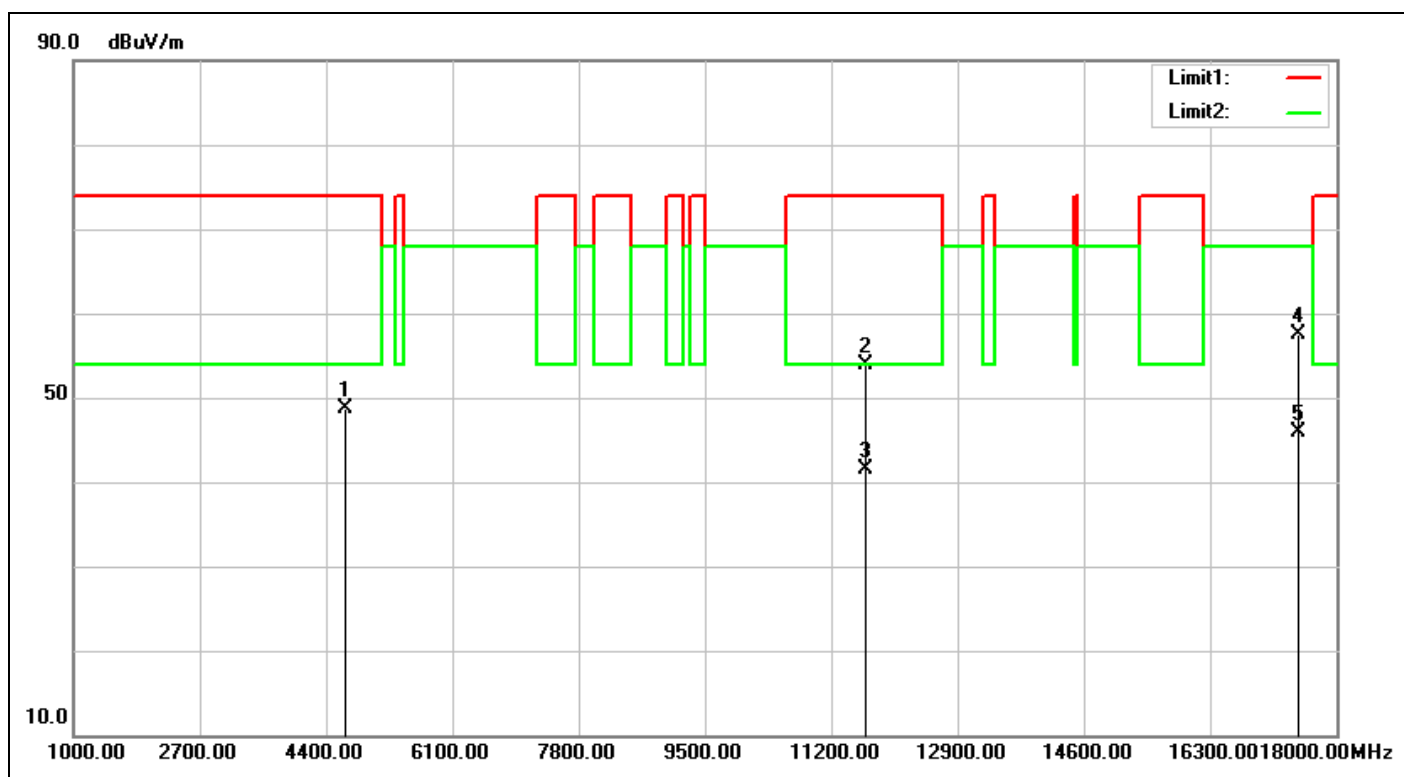
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:01:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



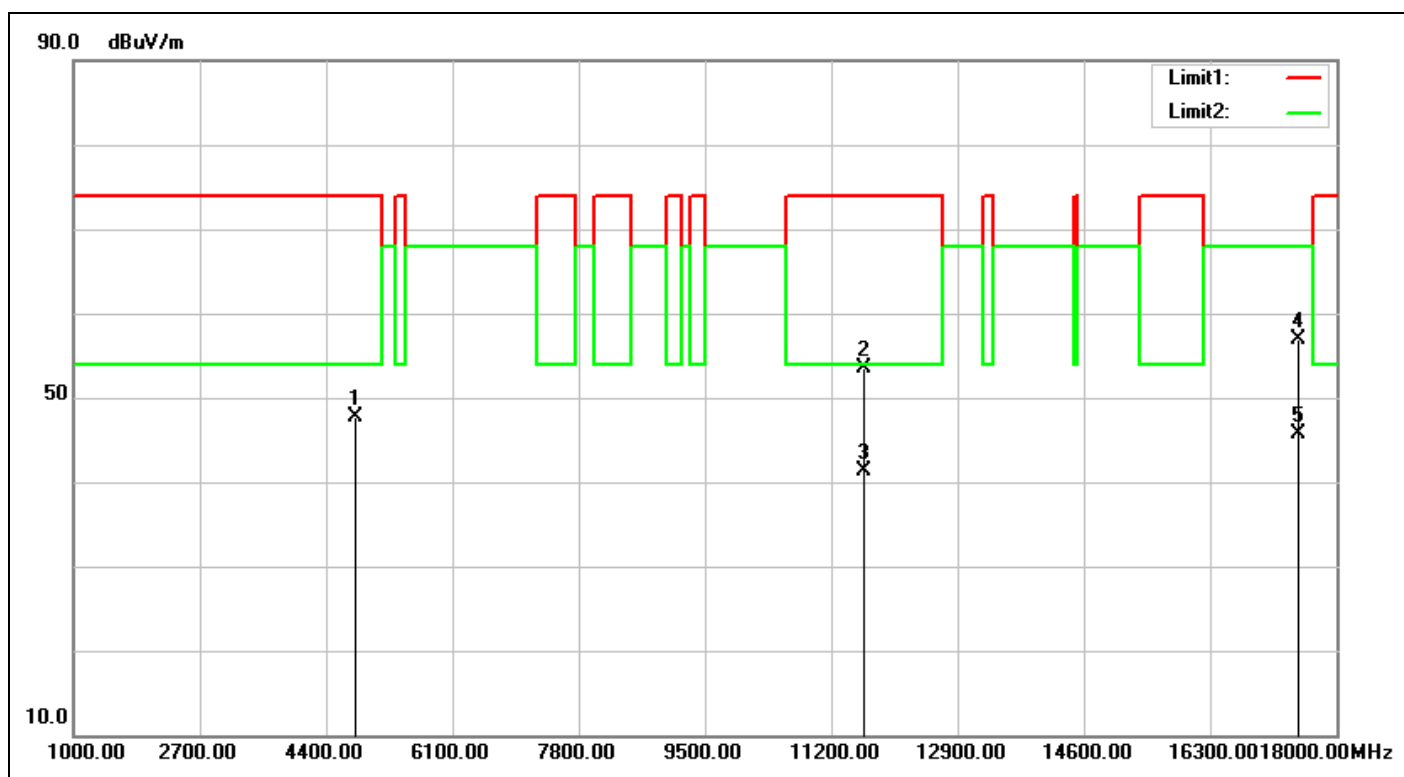
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:02:11
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model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



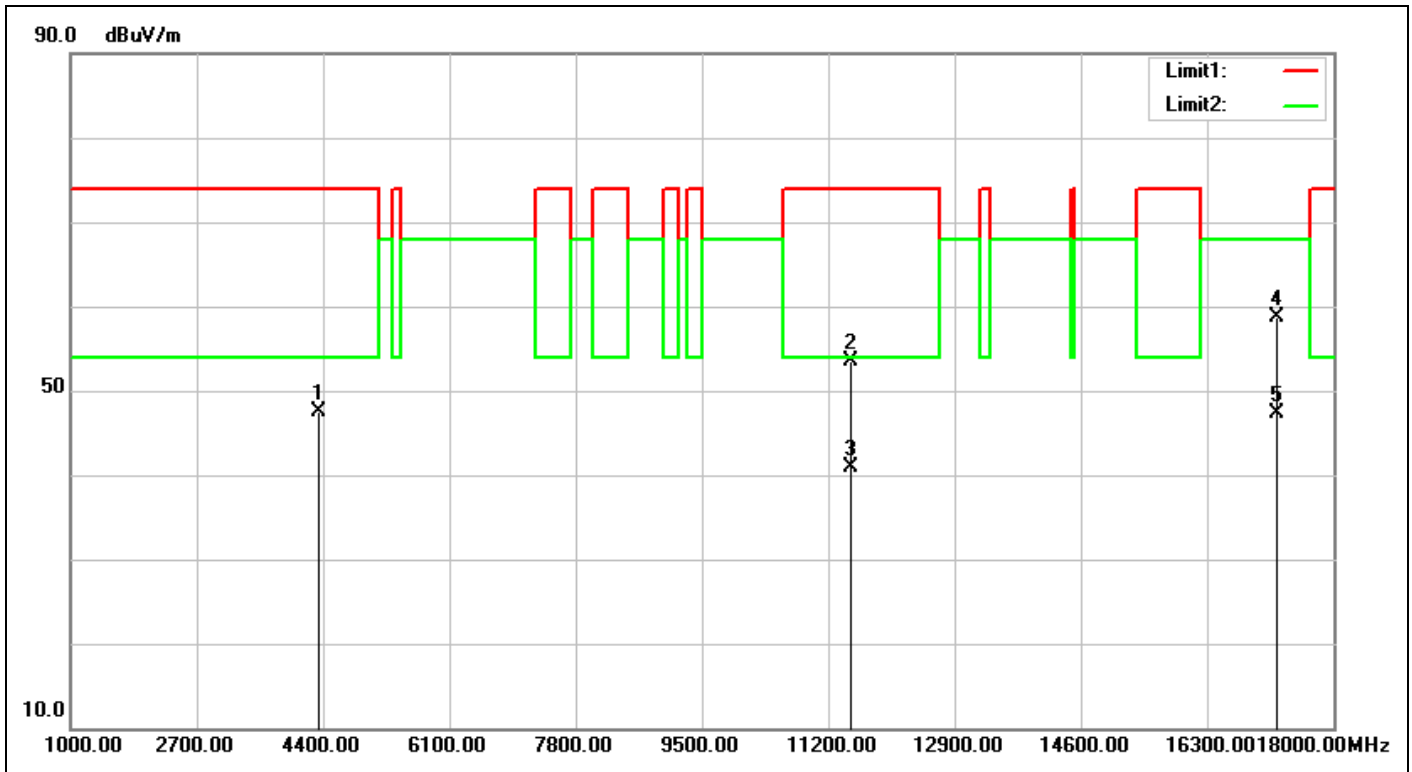
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:05:03
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



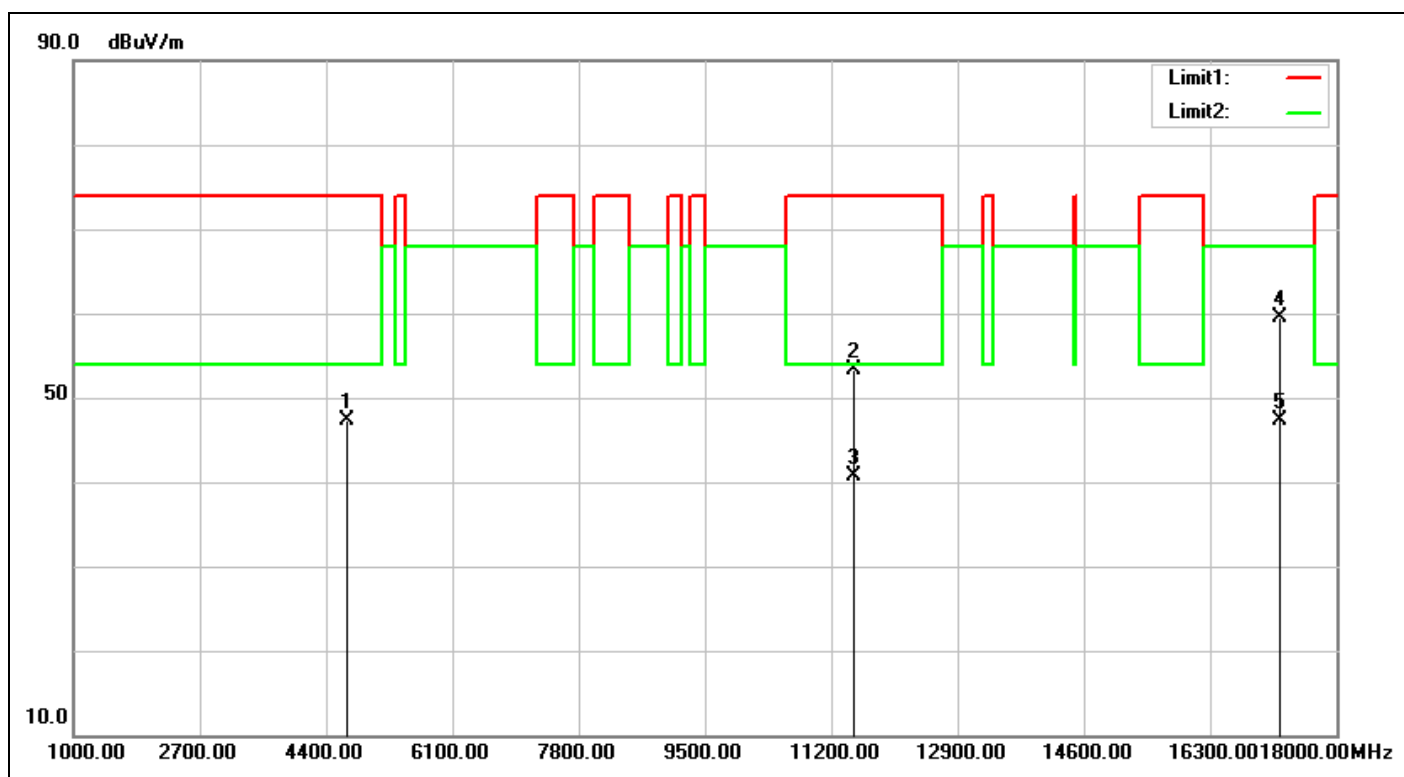
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:05:55
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model 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			



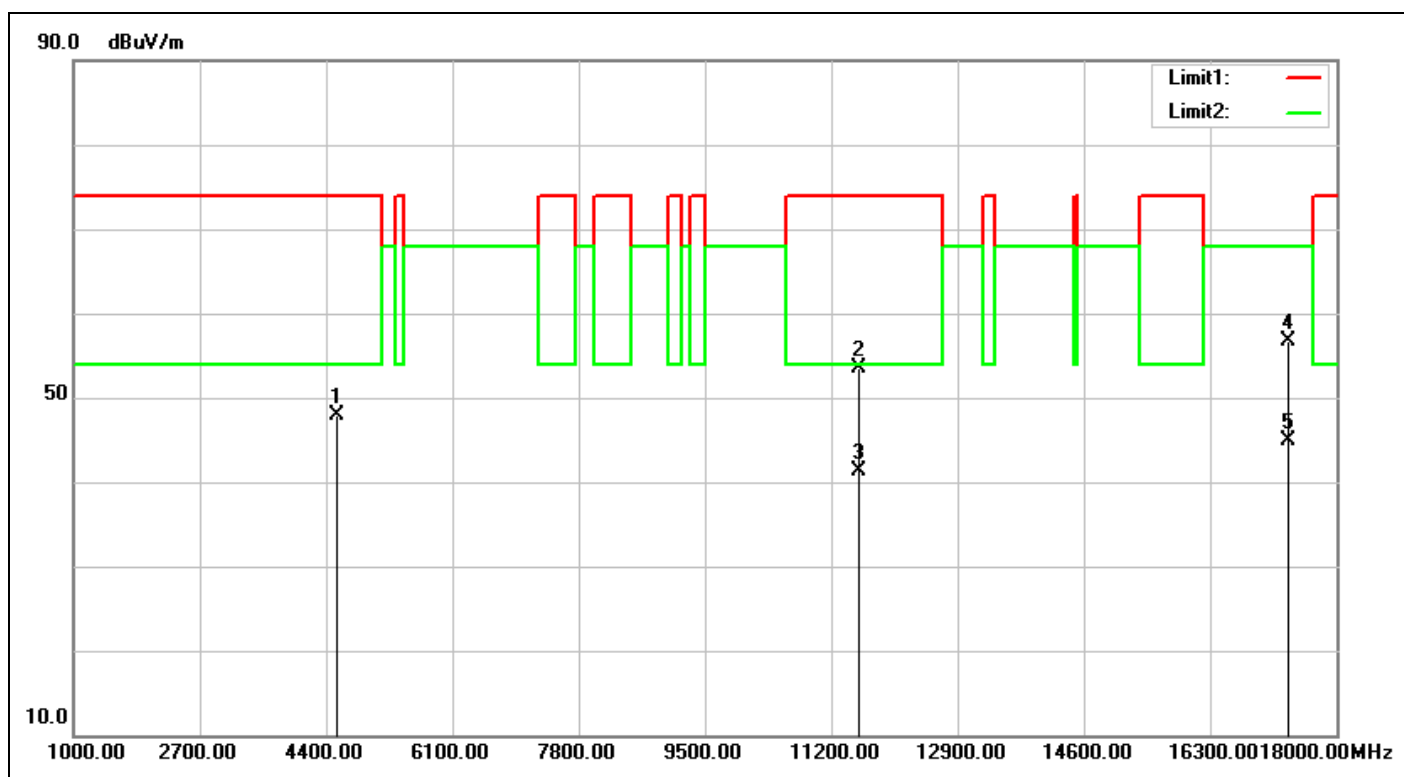
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:09:06
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model 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			



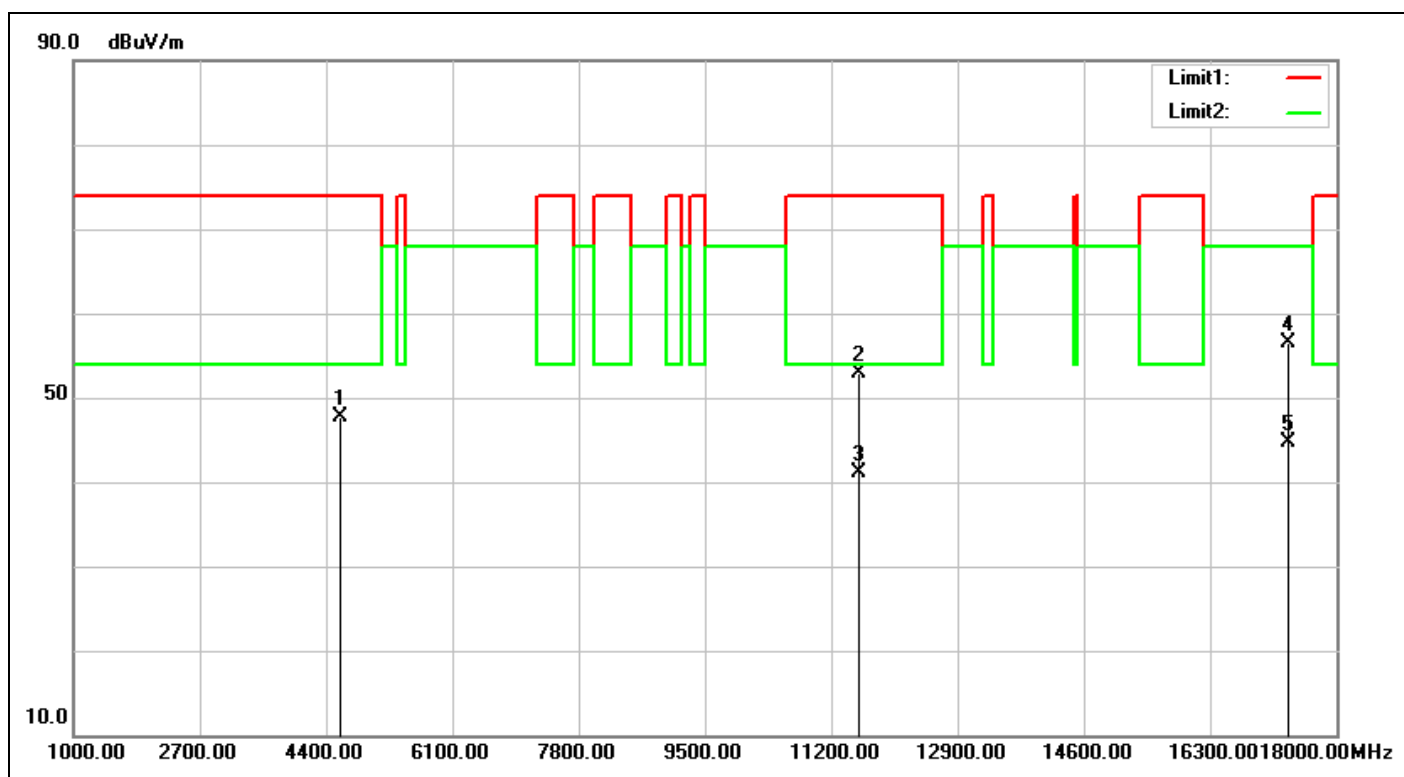
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:09:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.:	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			



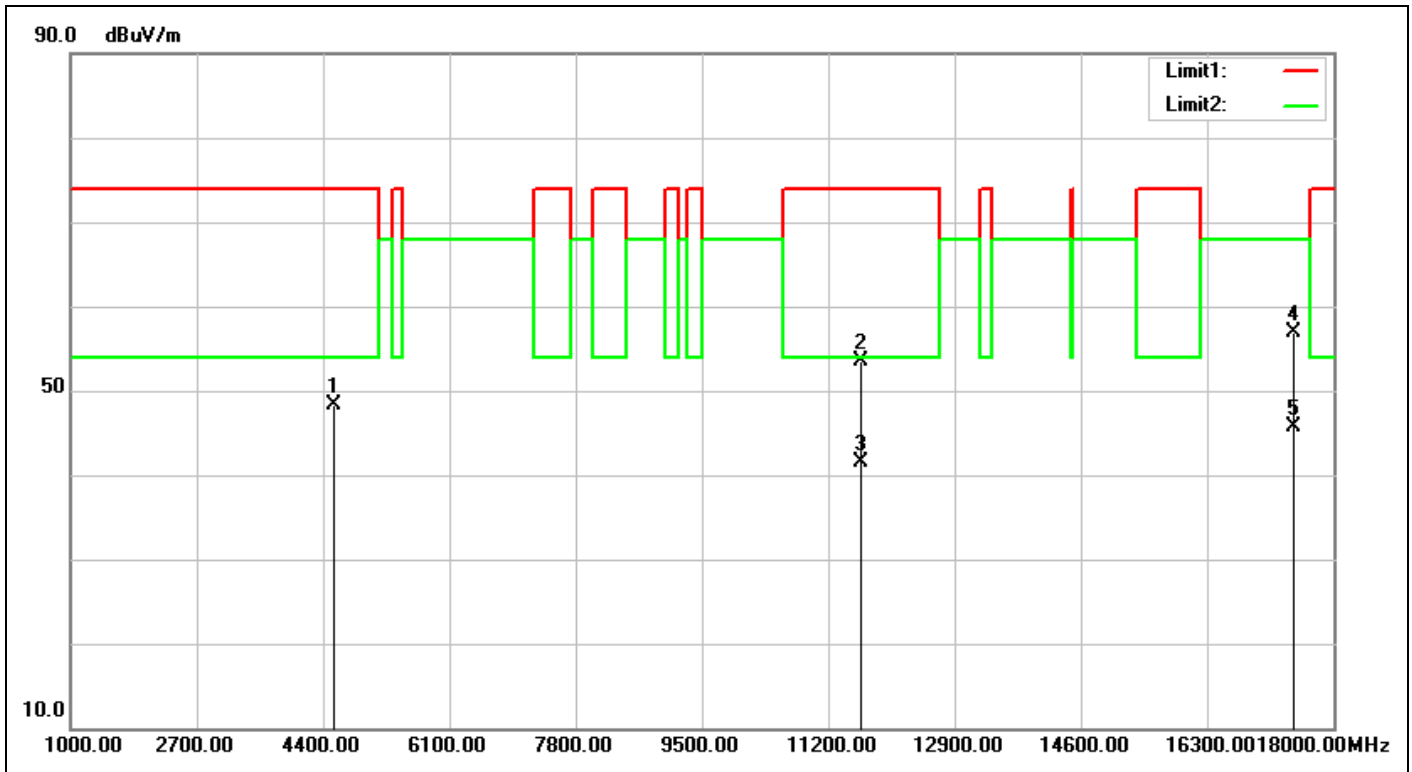
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:12:58
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



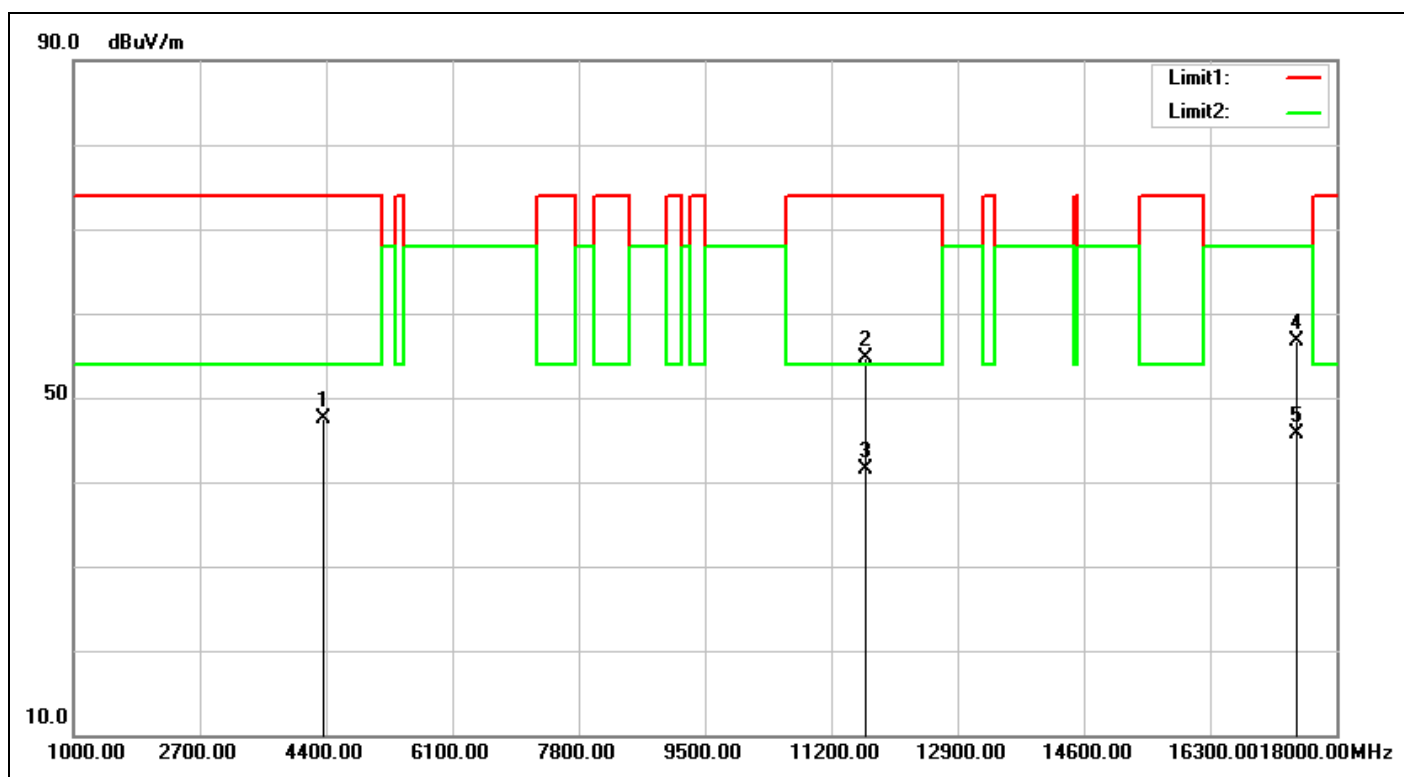
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:13:51
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model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



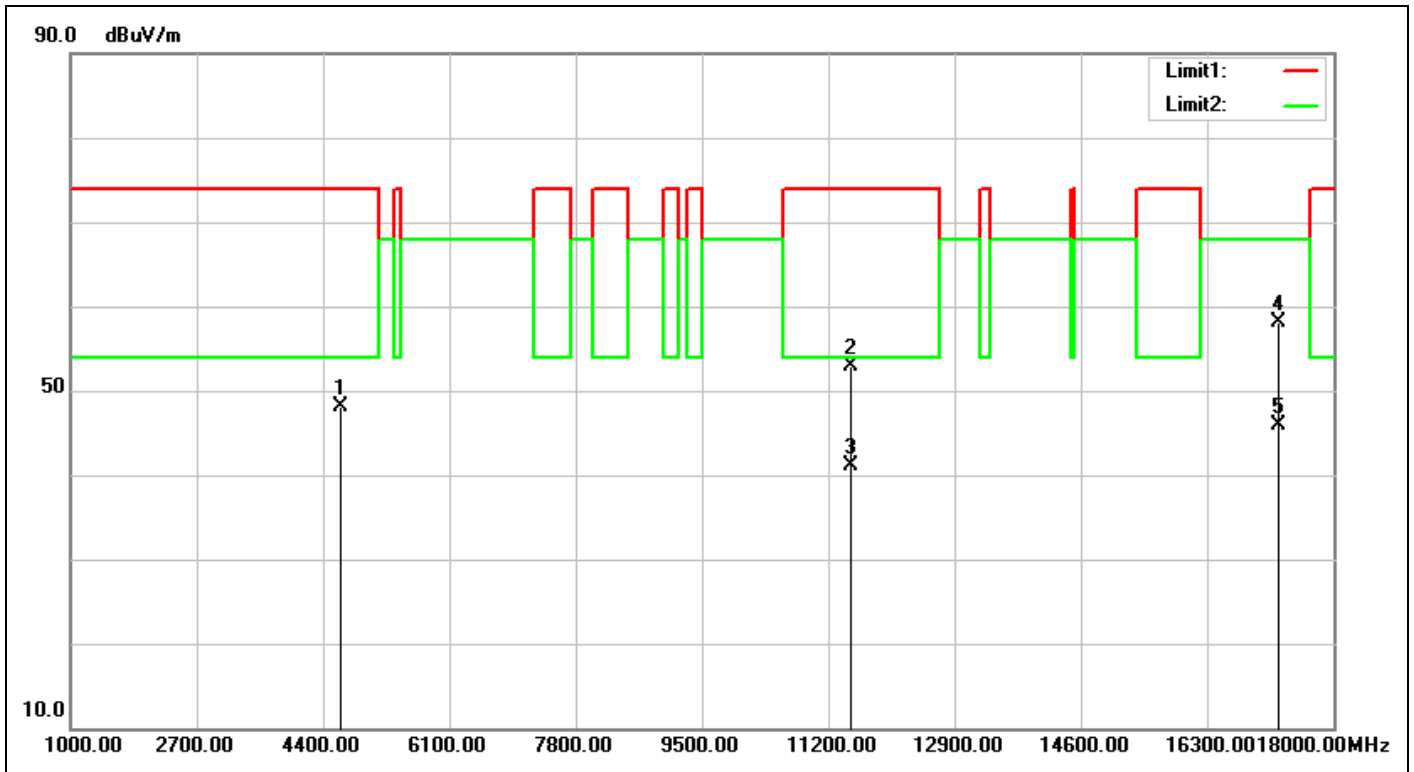
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:16:32
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model 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			



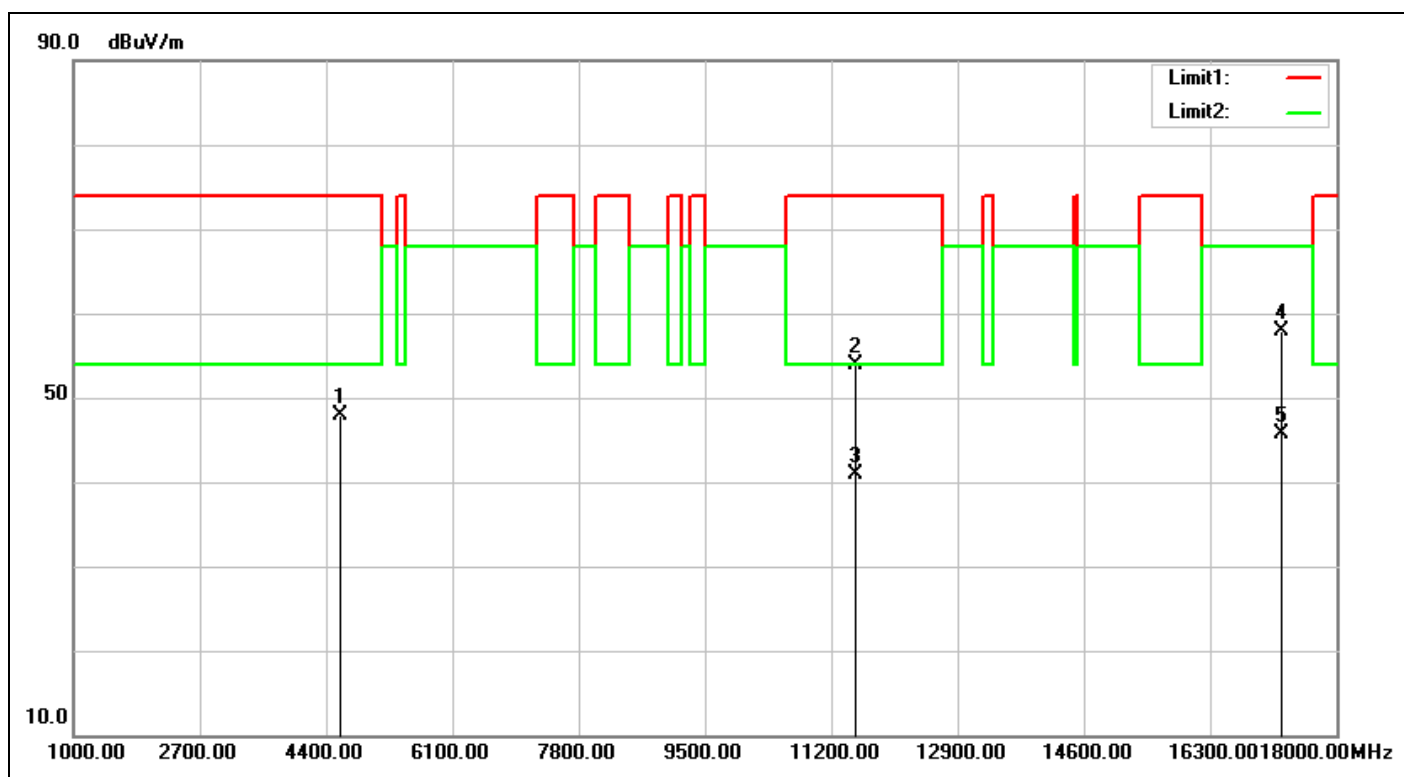
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:17:24
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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



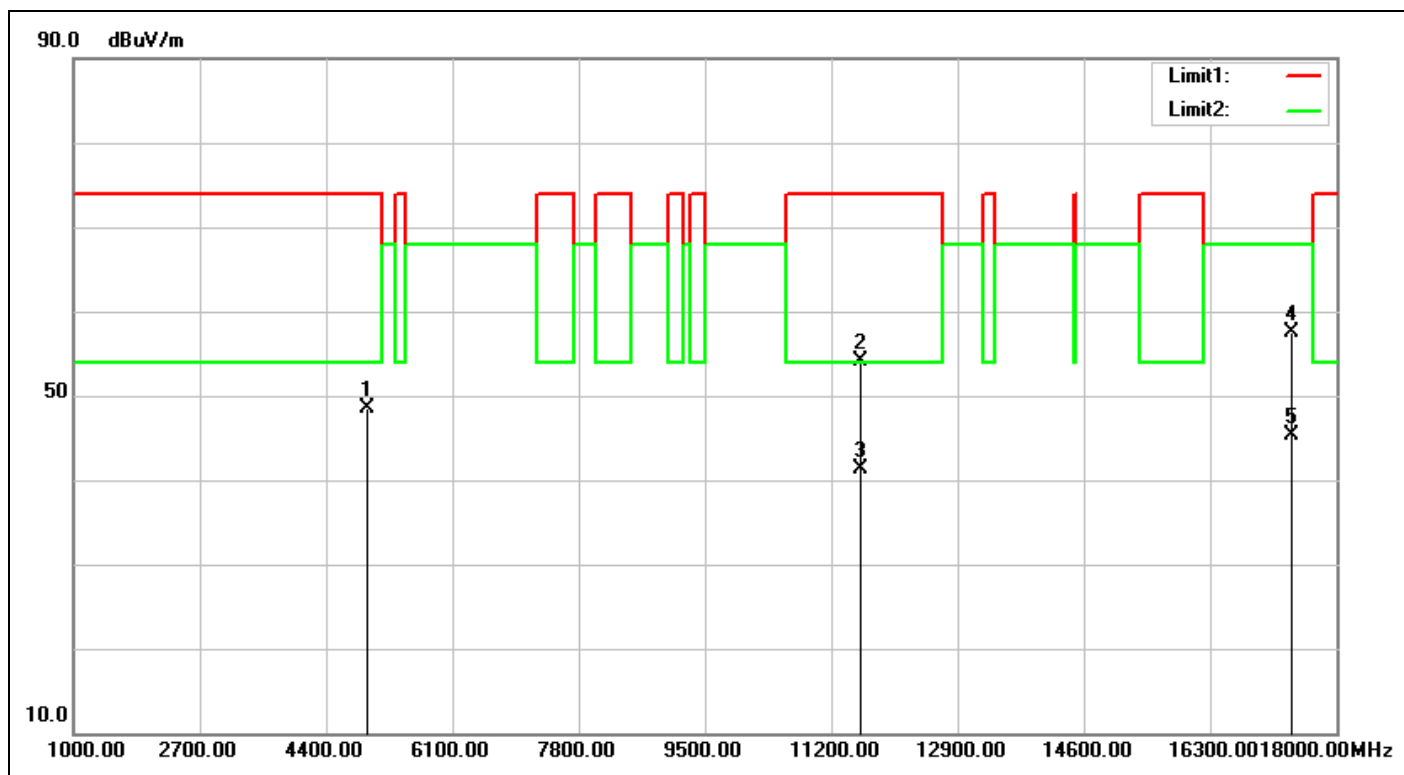
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:20:35
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



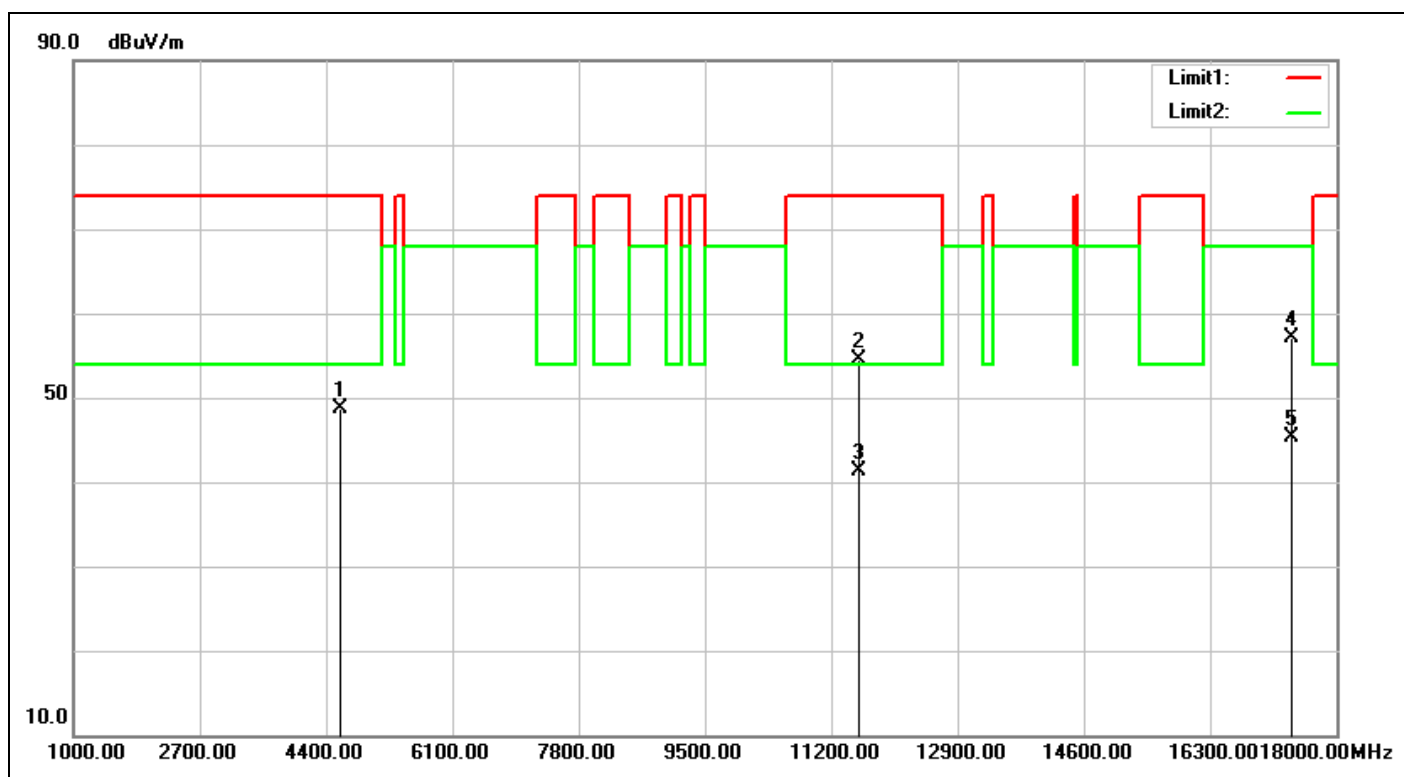
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:21:28
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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



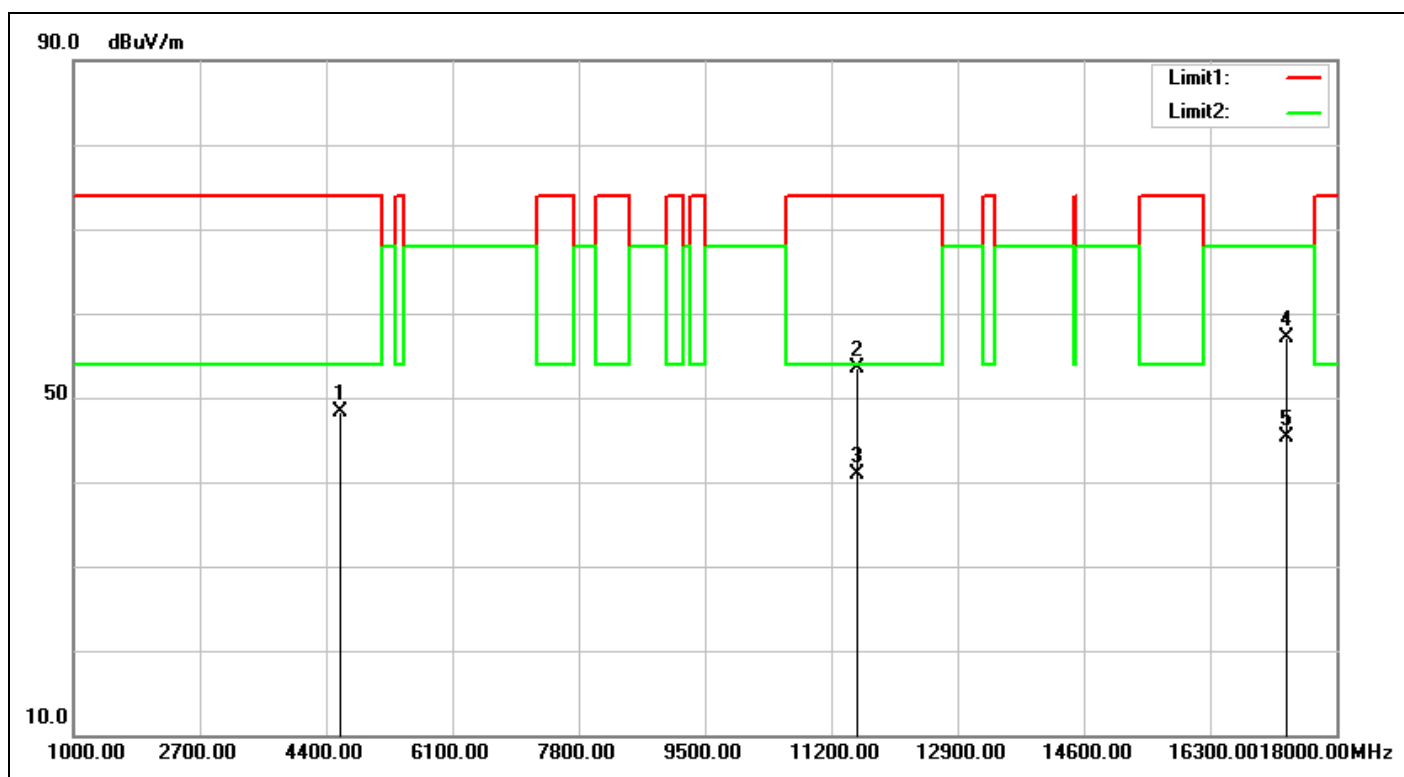
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:24:29
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model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



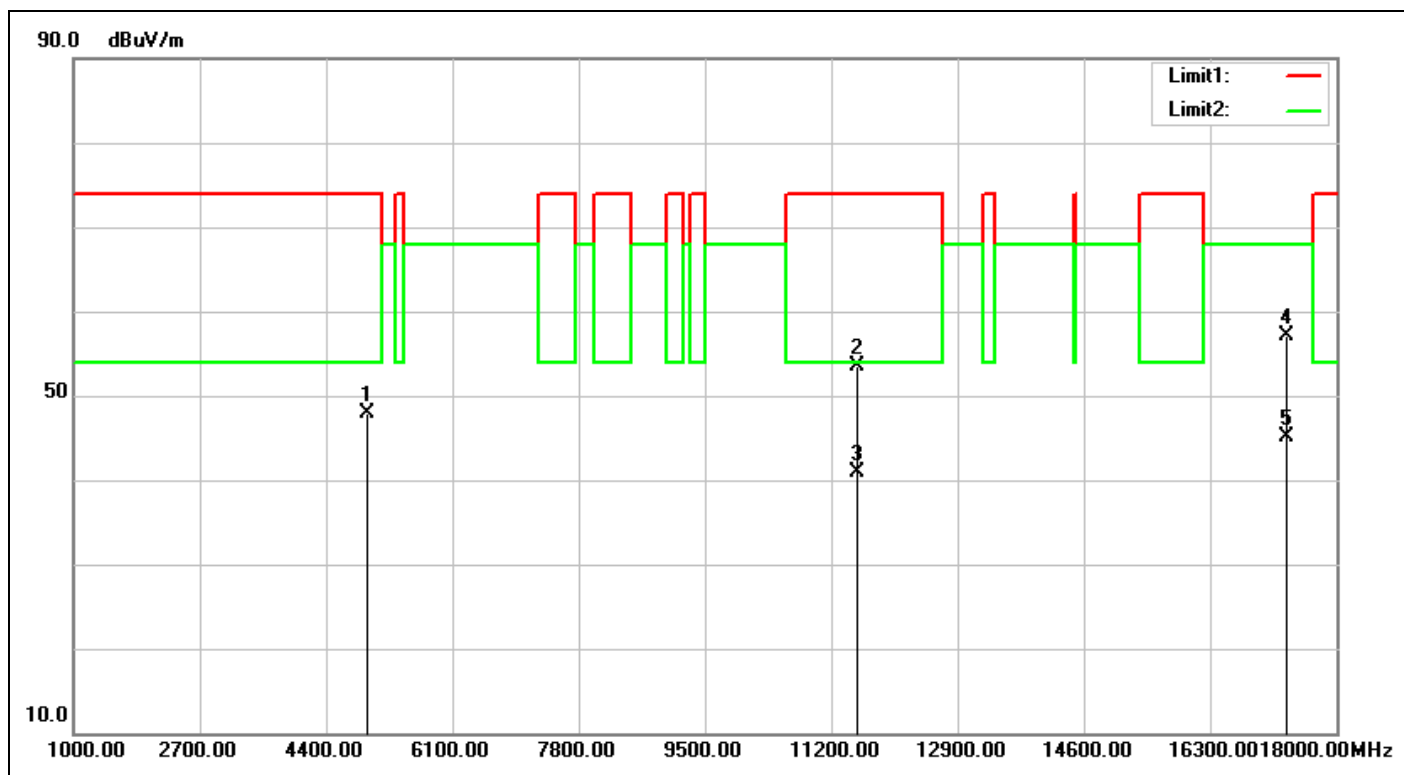
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:25:21
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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

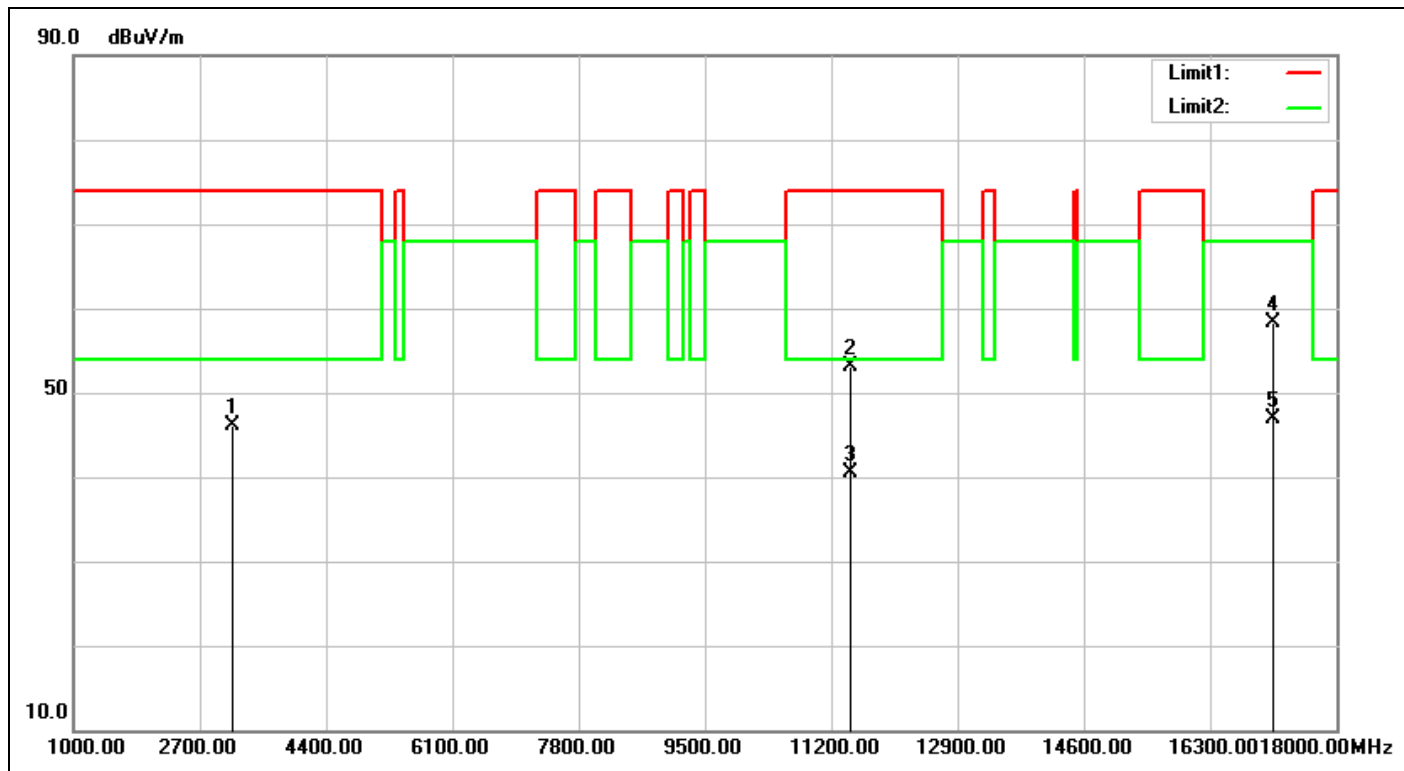
Spurious Emissions, TX Mode, 1-18G, Straddle Channel



TUV Rheinland Taiwan Ltd.

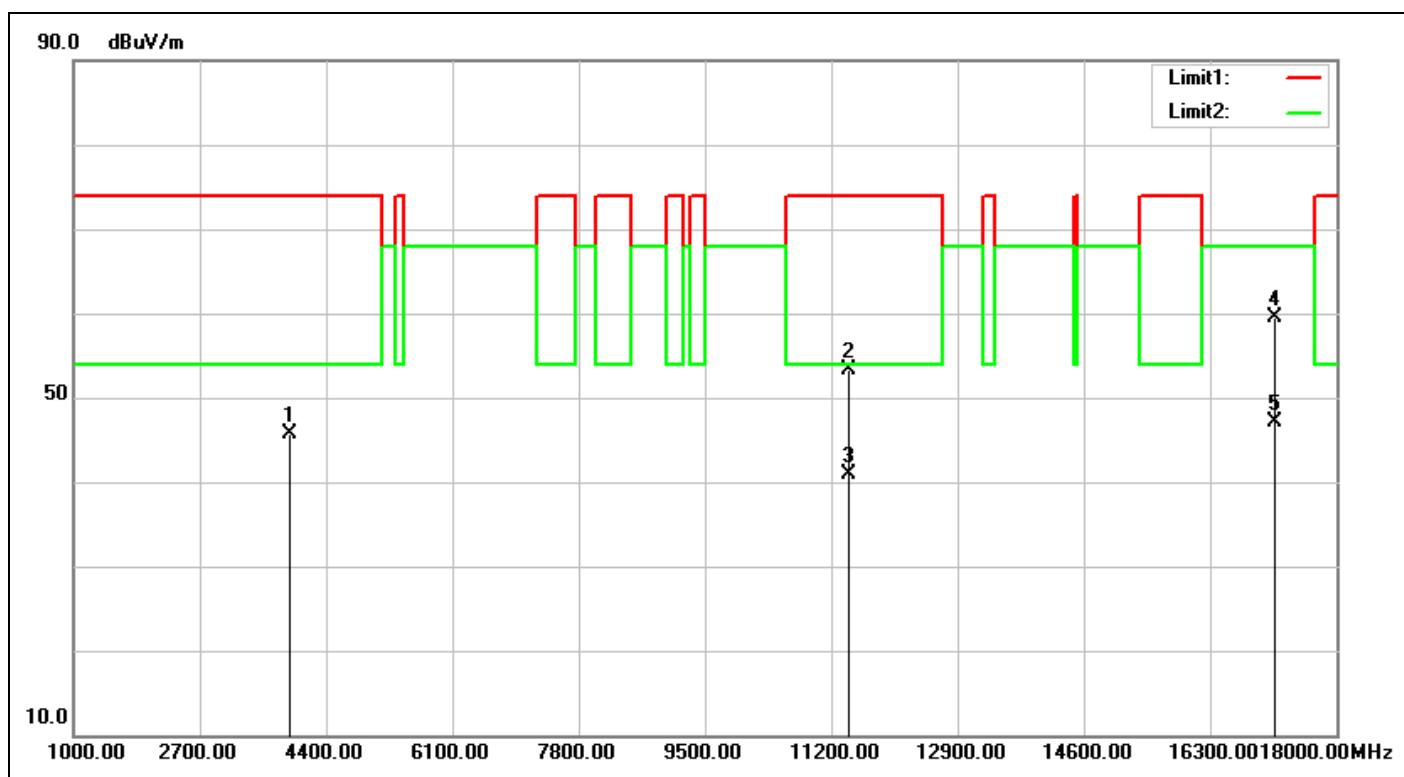
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



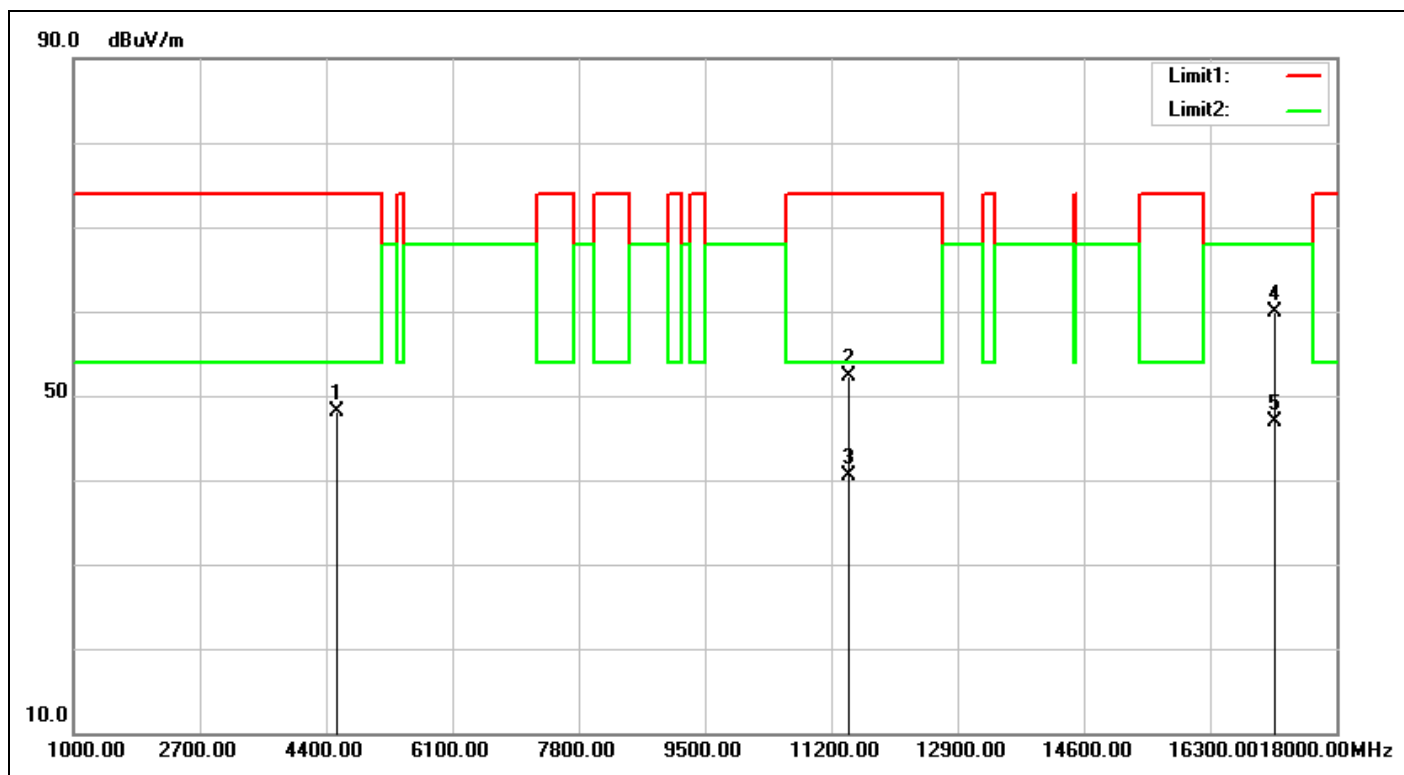
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/20 00:57:47
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



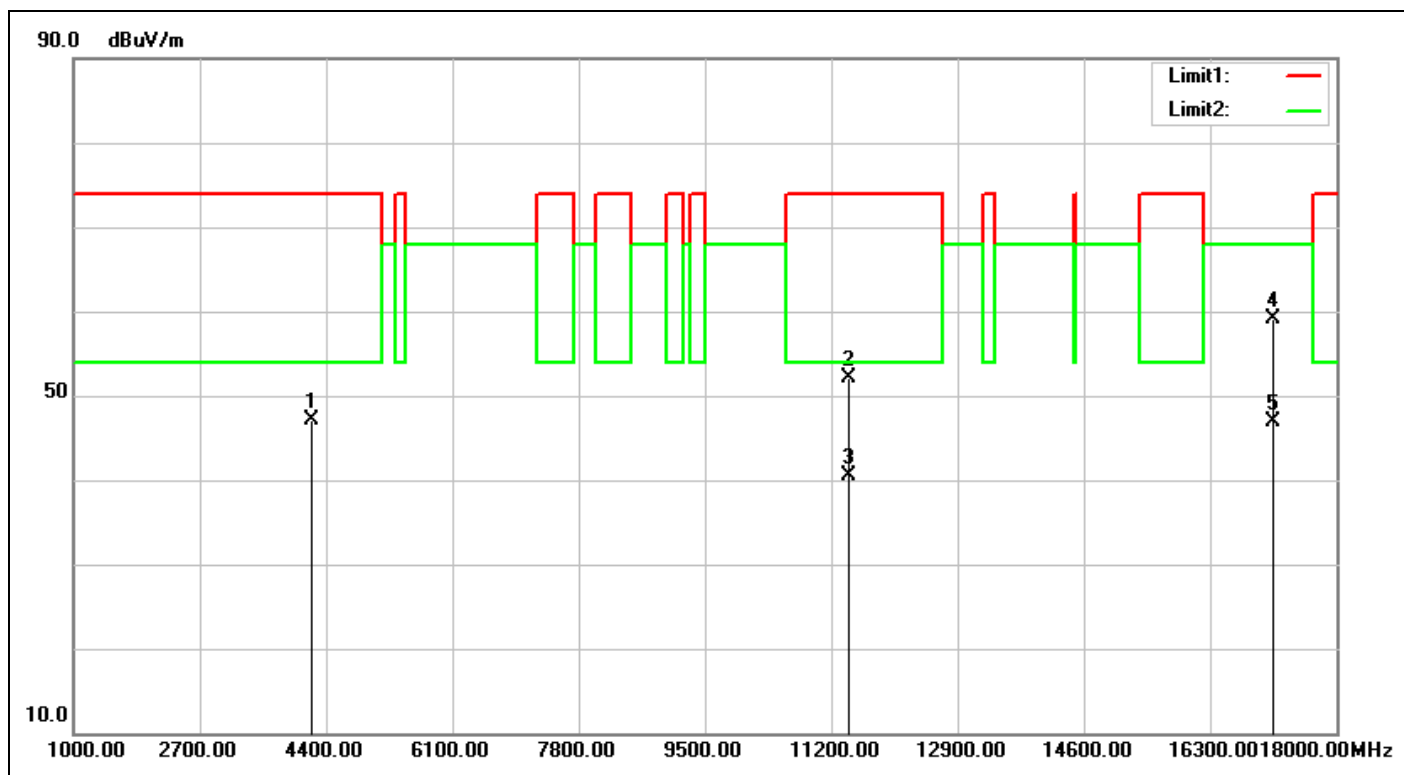
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/20 00:58:40
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model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



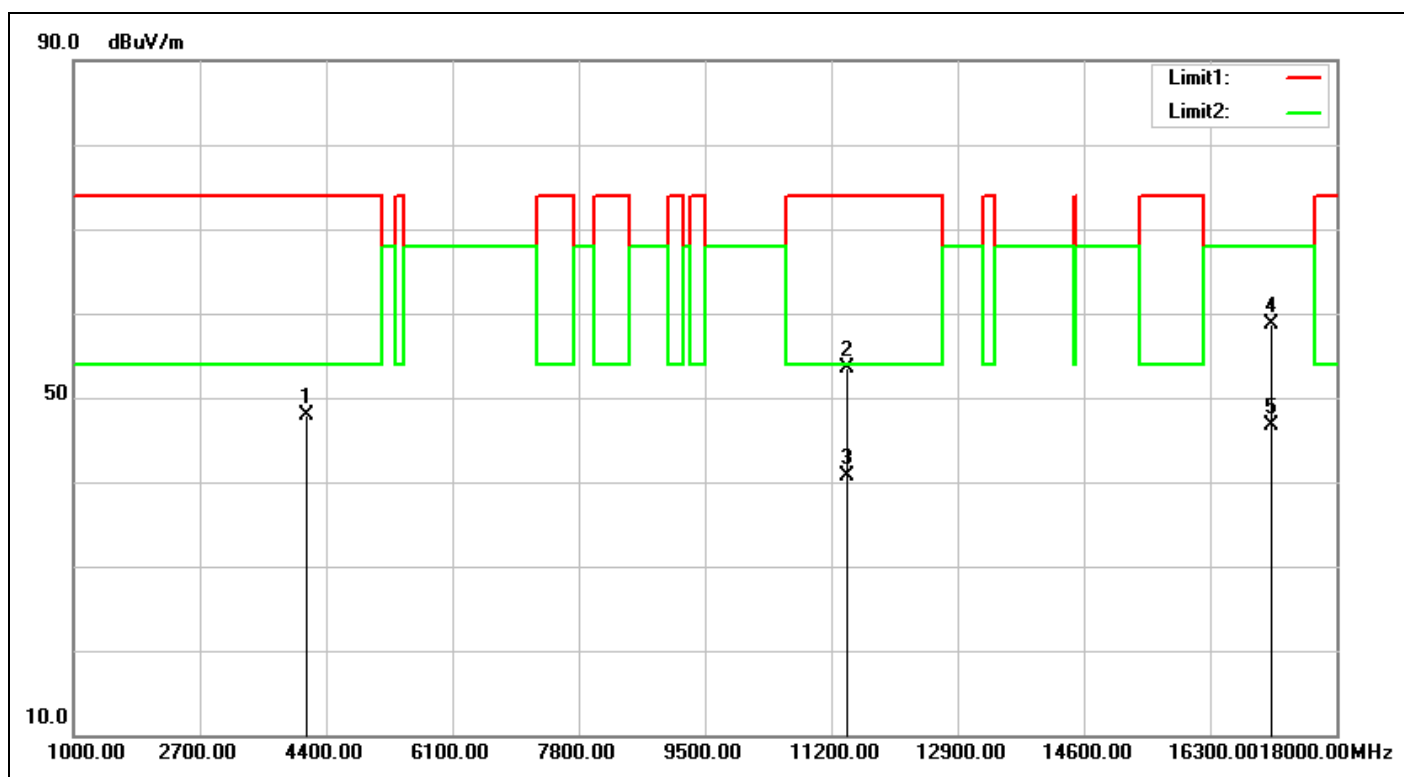
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/20 01:04:56
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



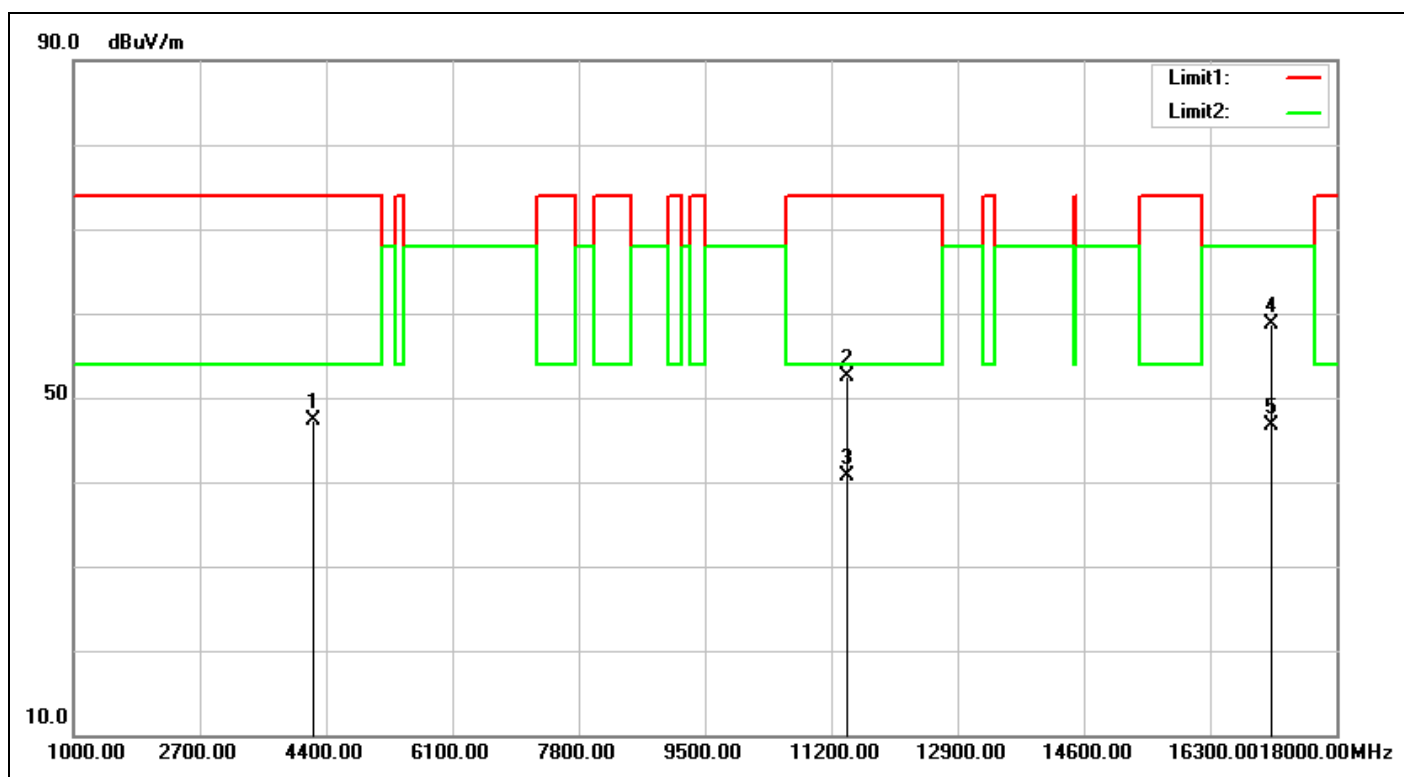
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/20 01:05:49
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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



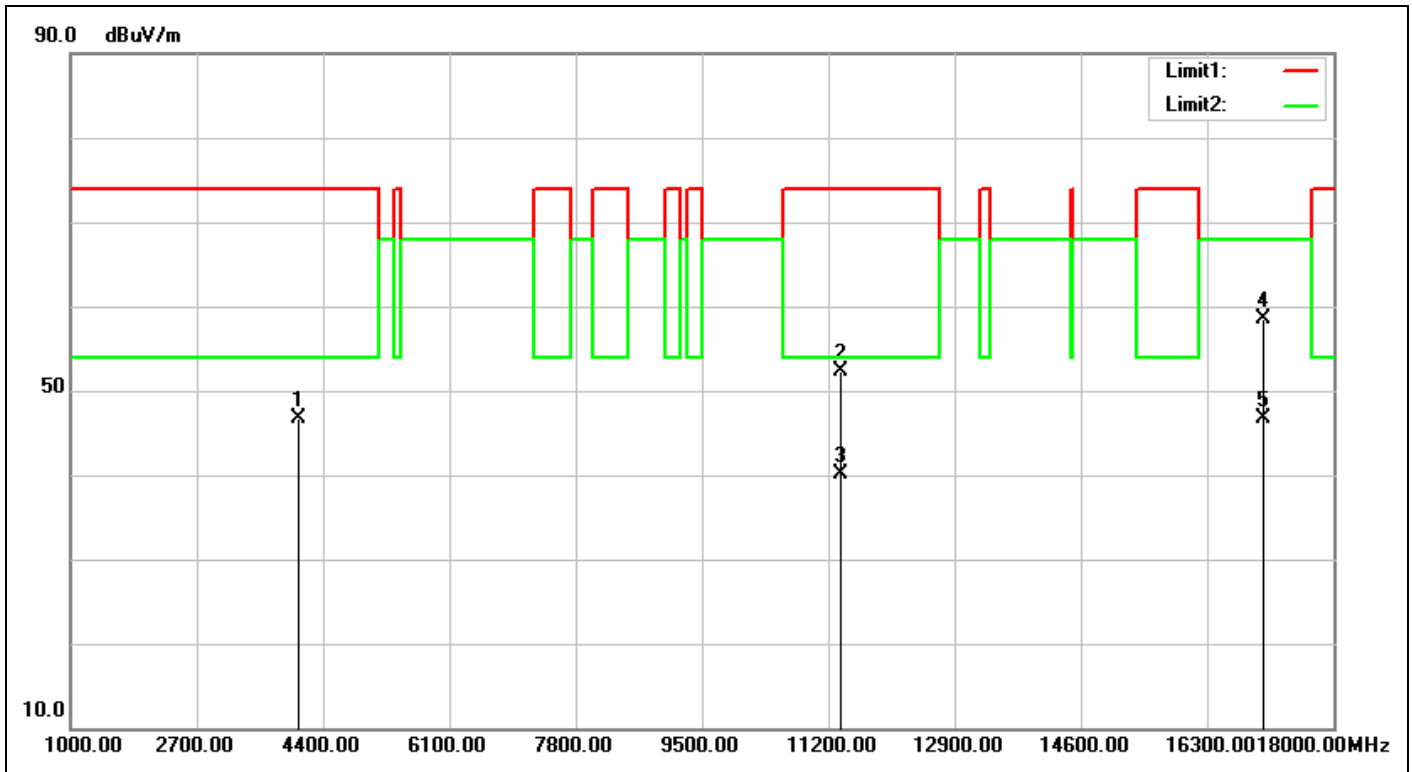
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/20 01:10:45
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model 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			



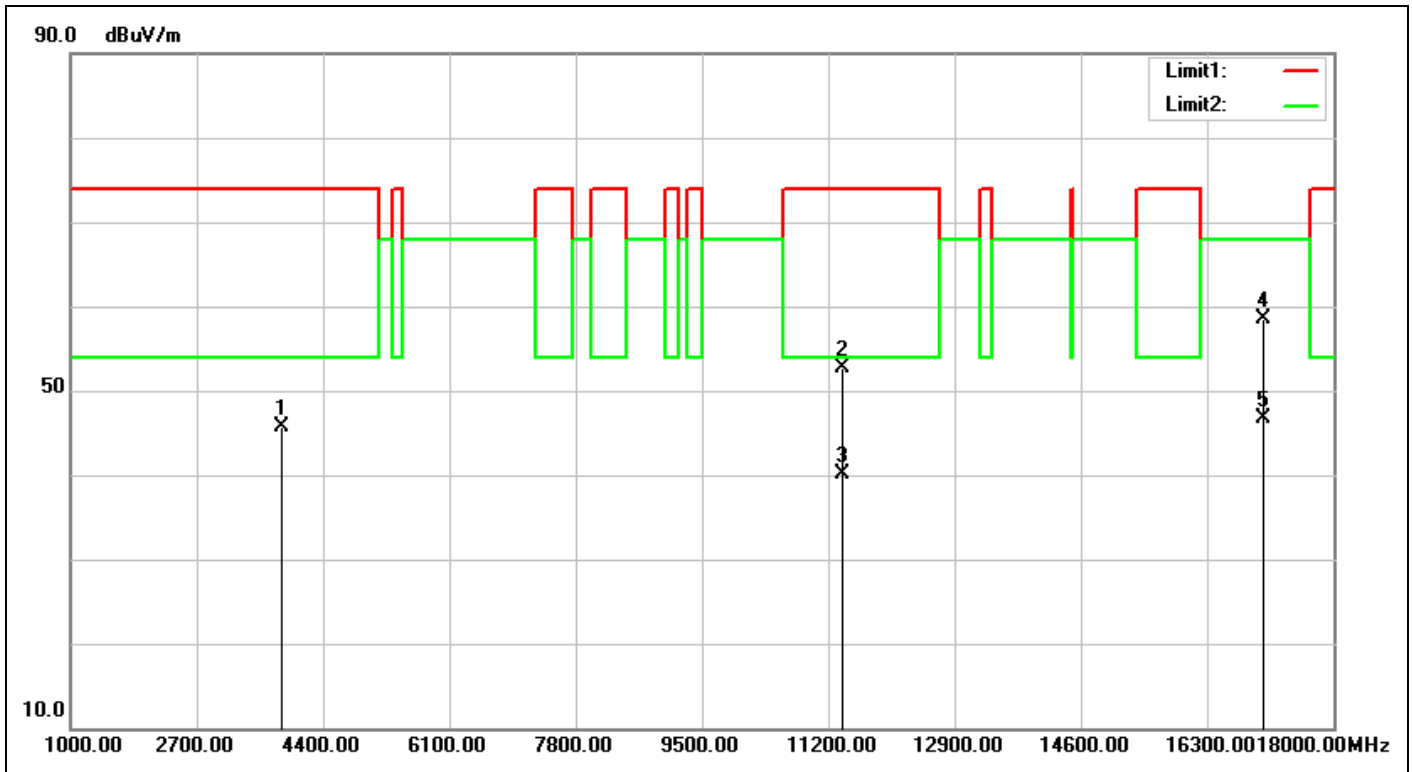
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/20 01:11:37
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model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

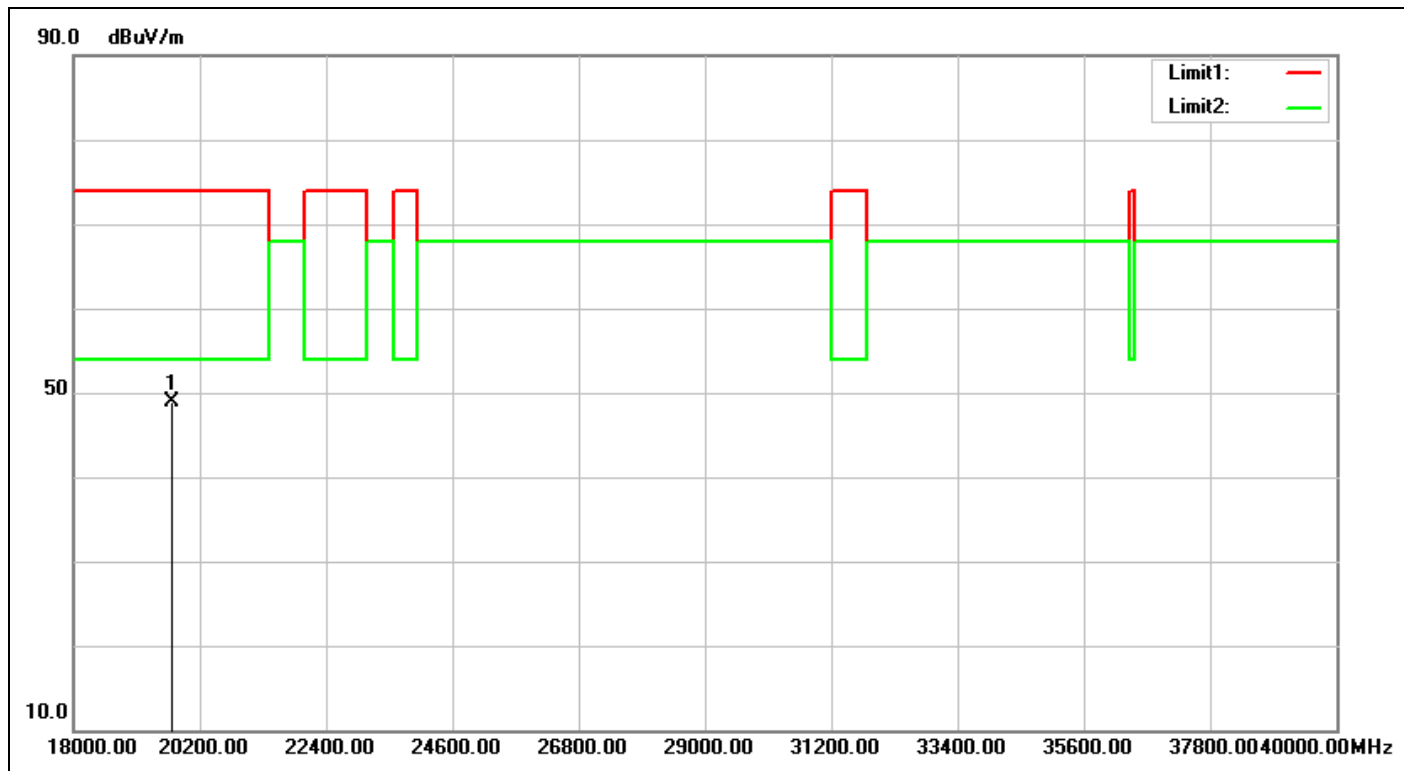
Spurious Emissions, TX Mode, 18-40G, U-NII-1



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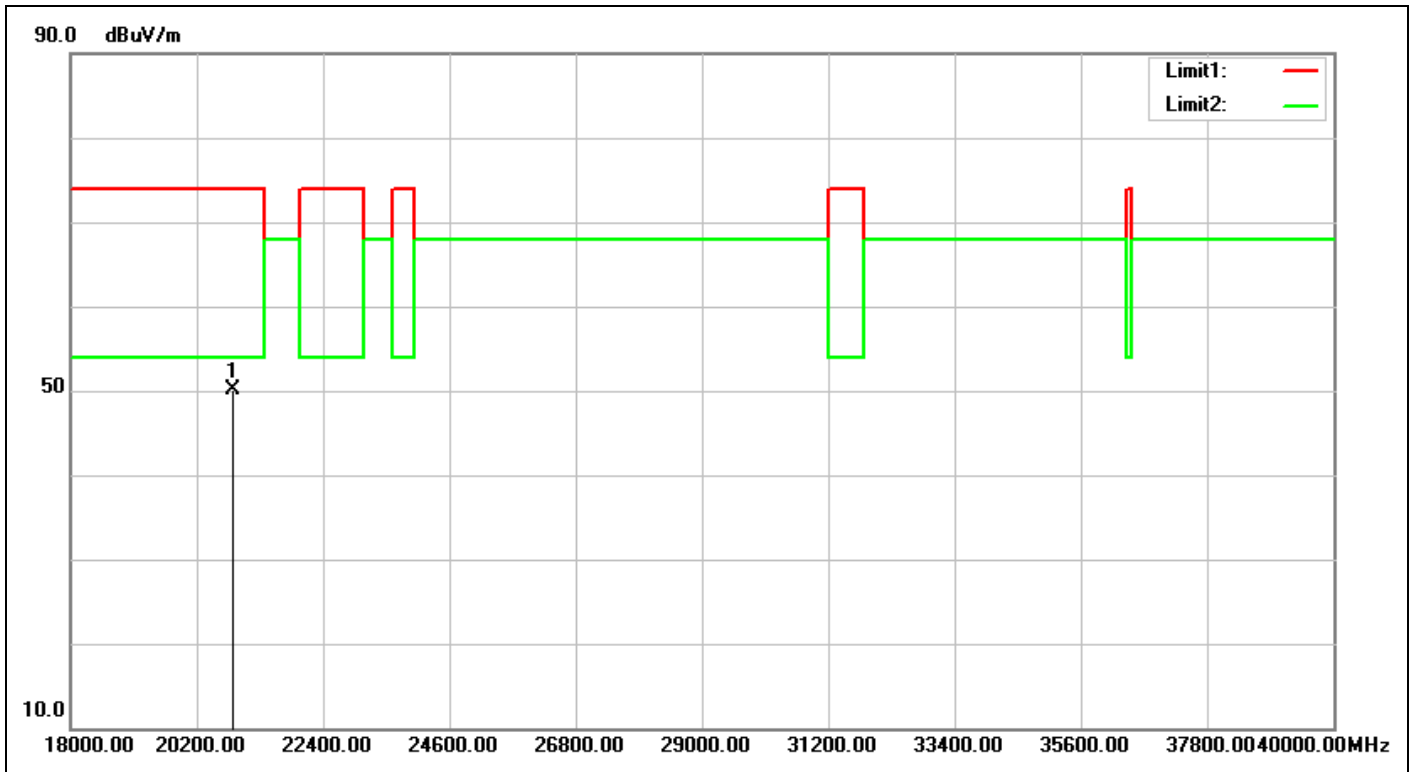
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



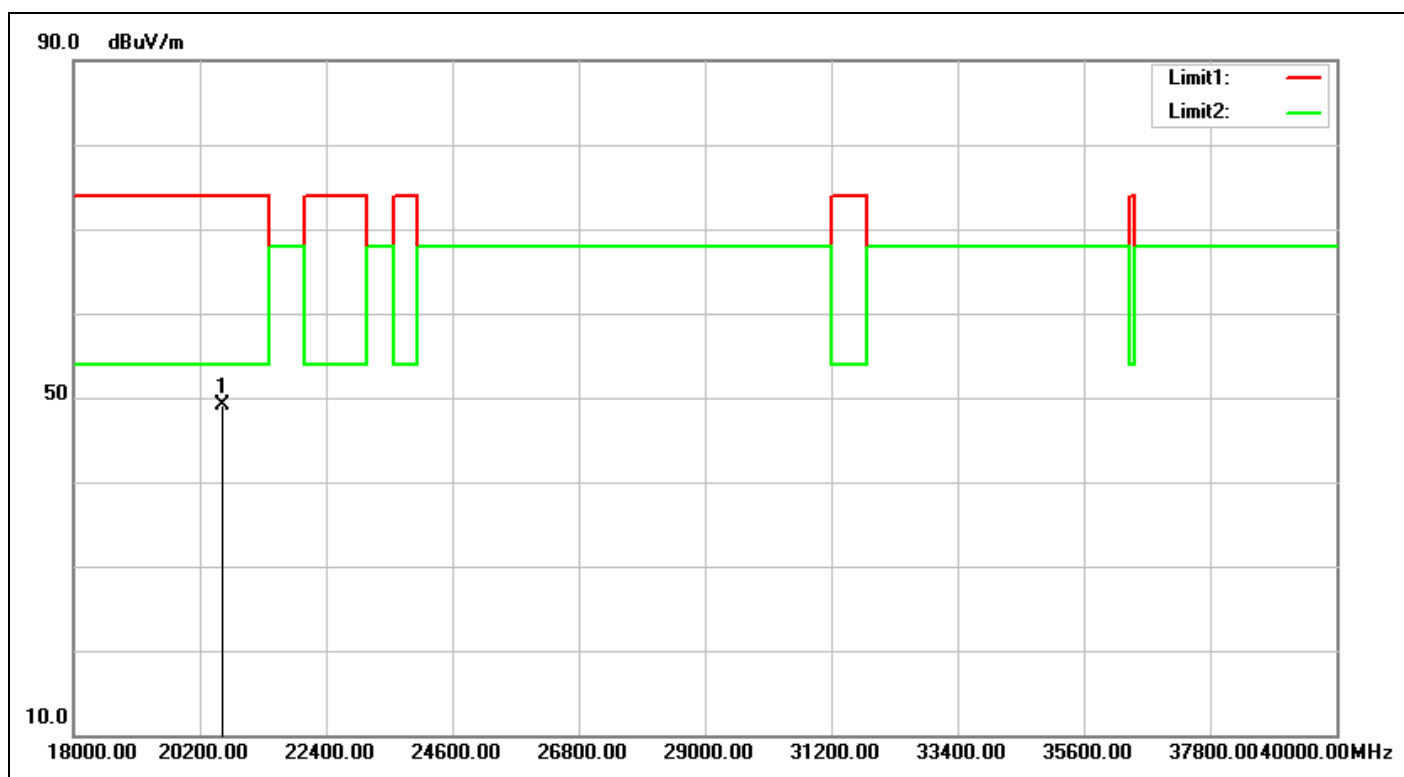
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:27:36
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



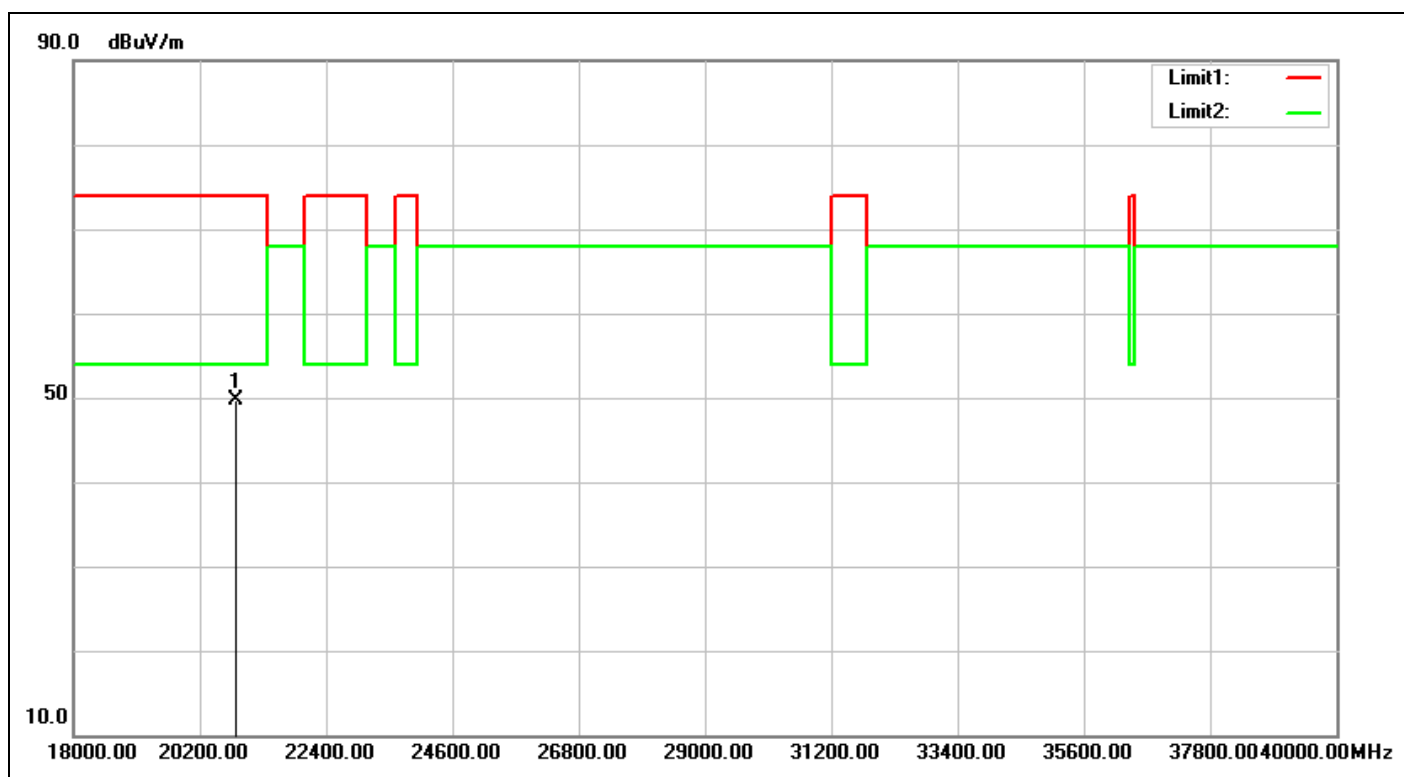
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:27:43
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



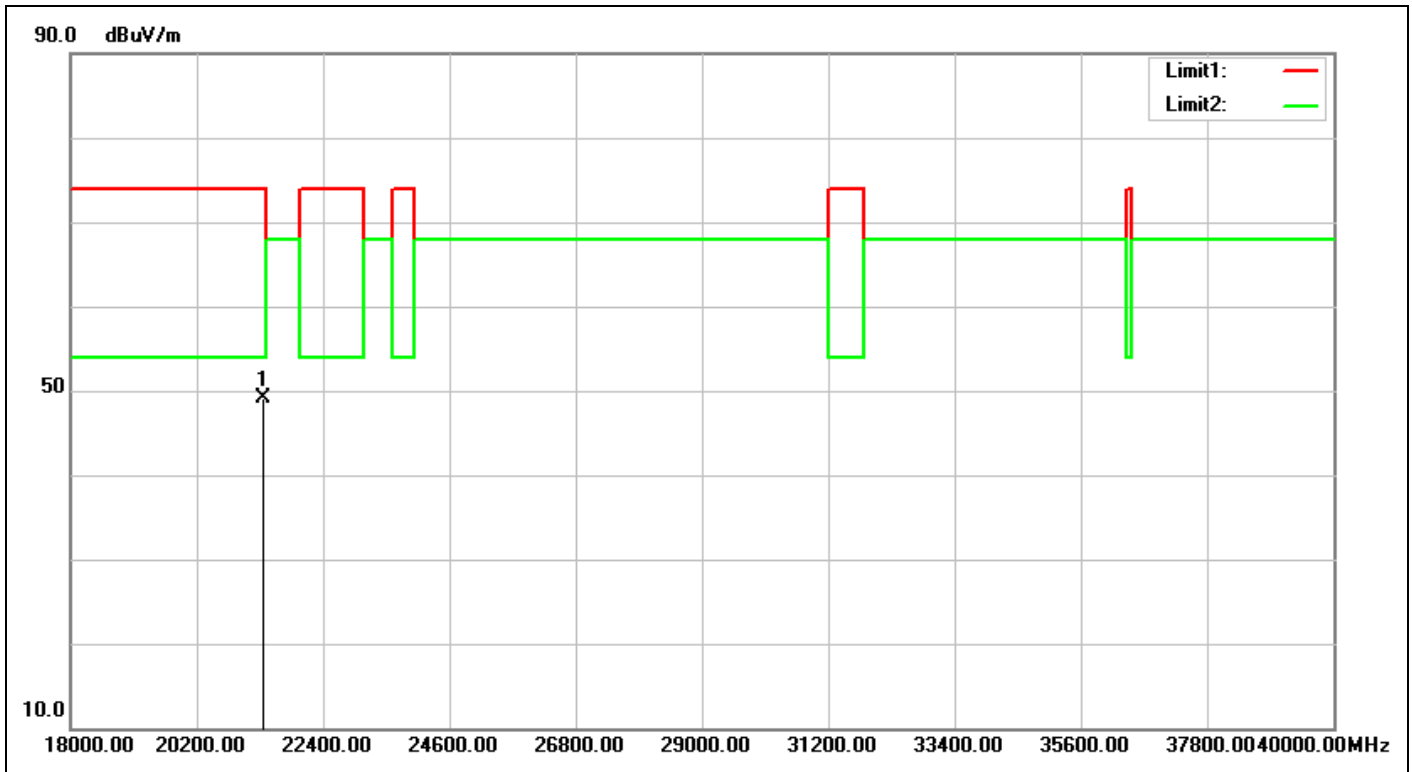
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:30:55
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



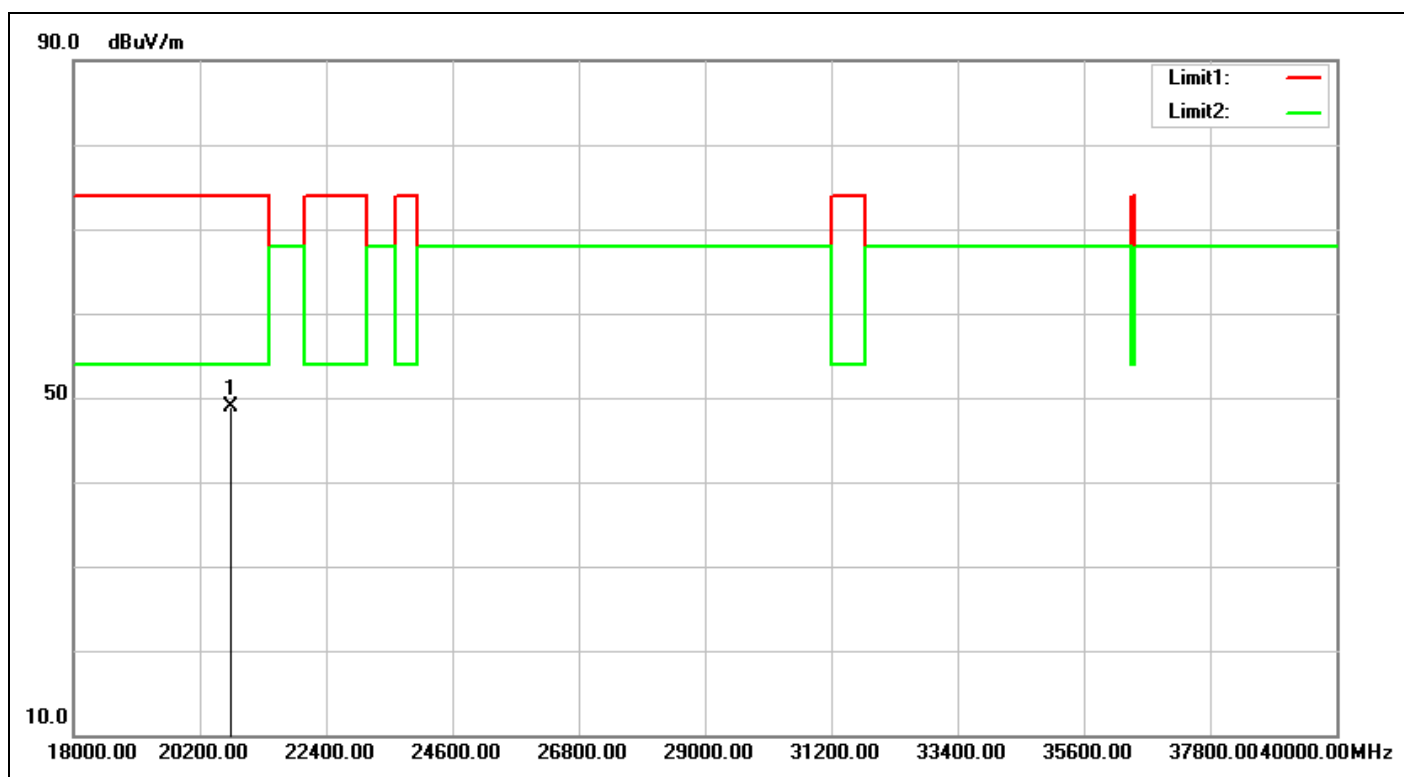
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:31:01
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model 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			



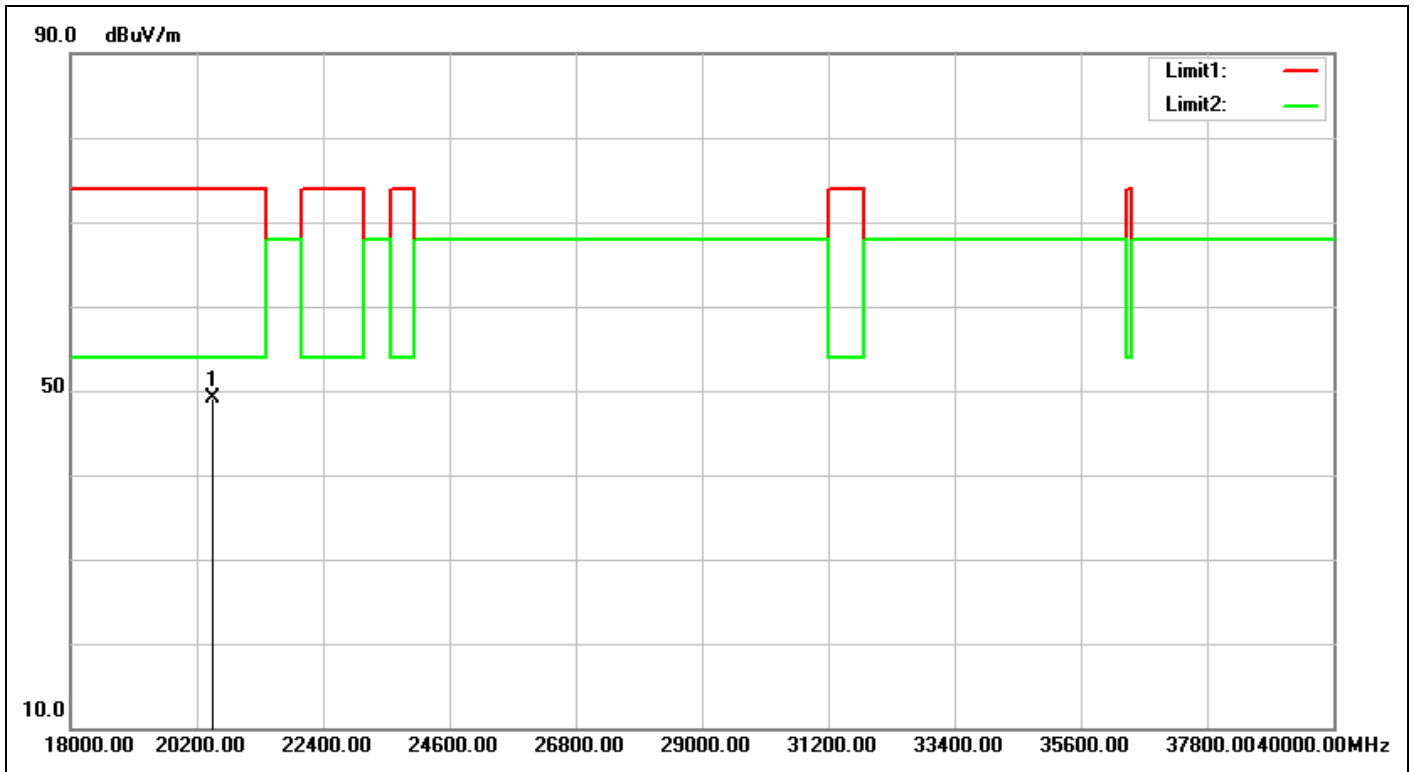
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:31:57
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	22(°C)/65%
Model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



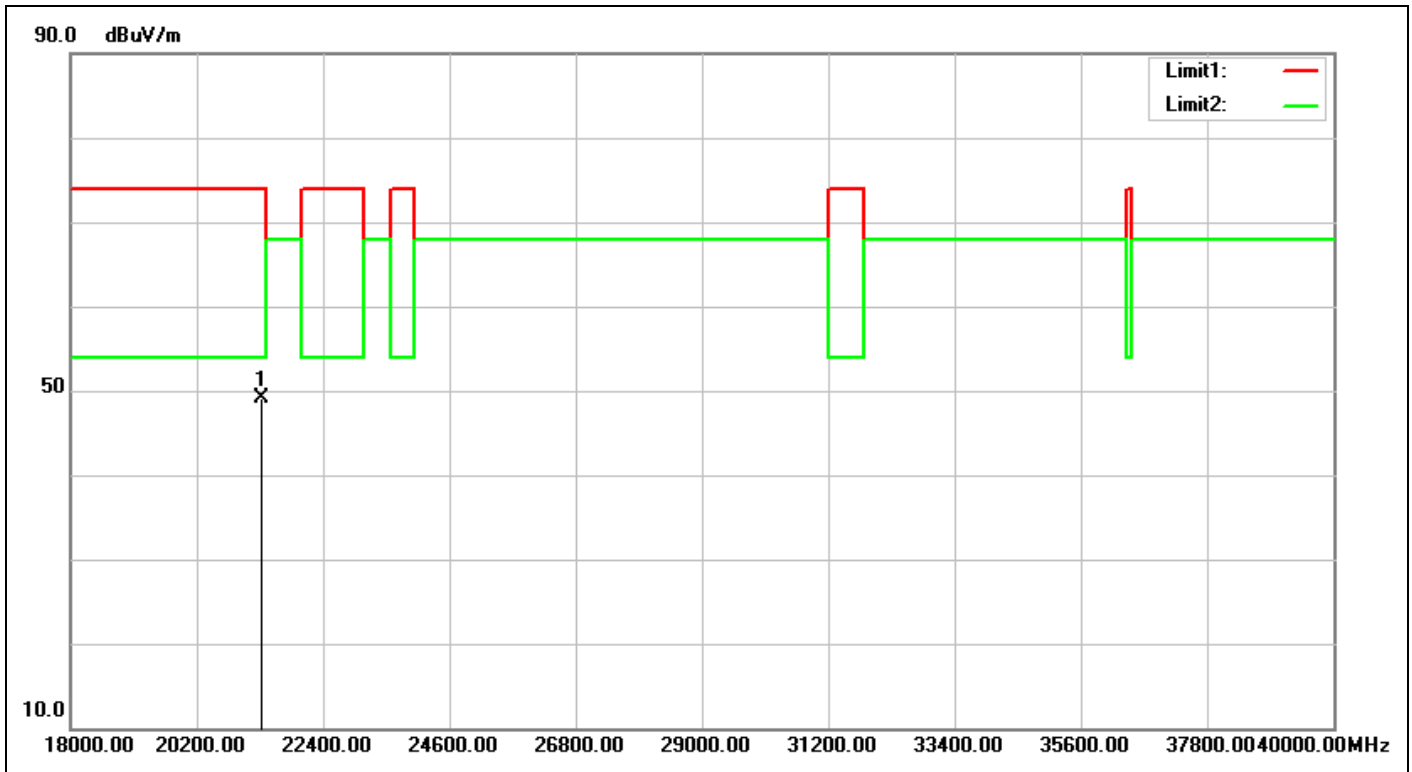
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:32:04
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



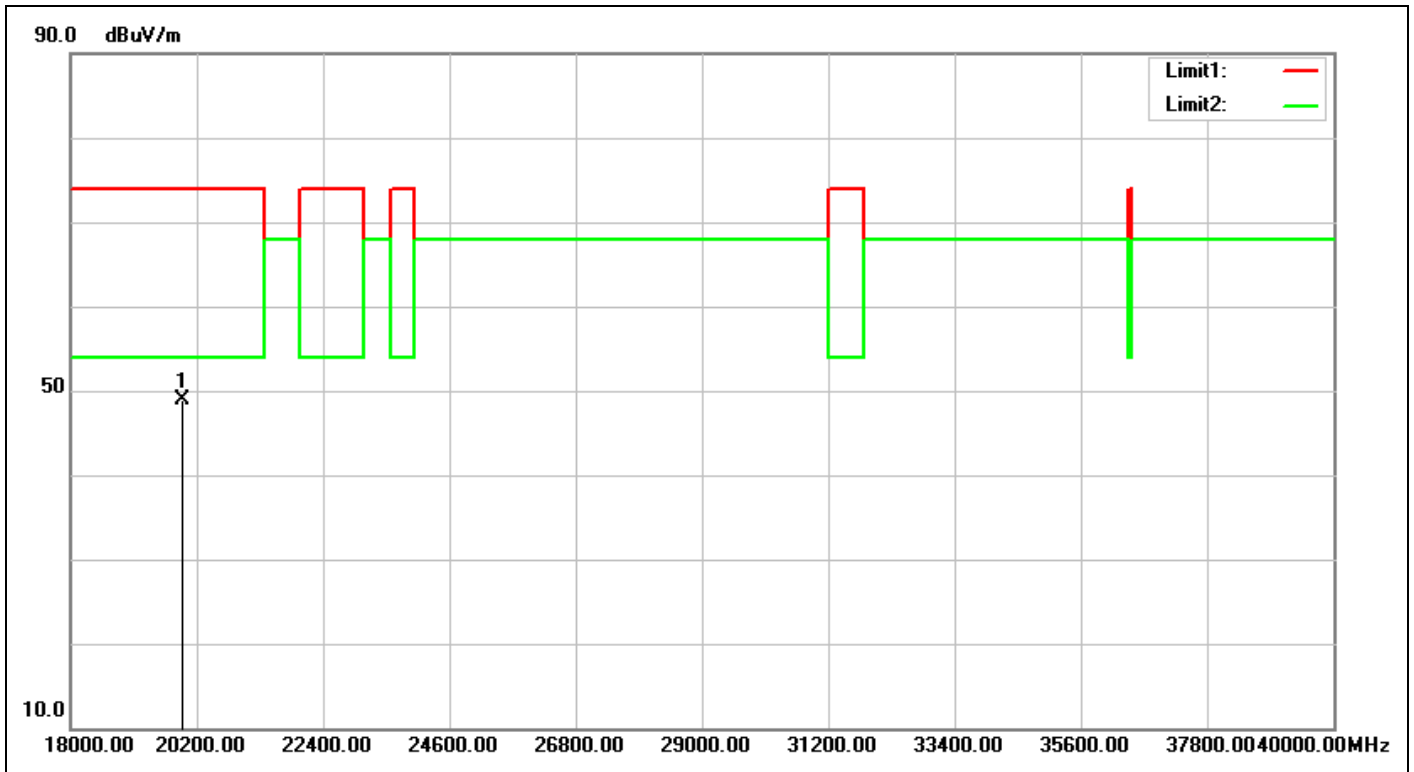
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:33:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



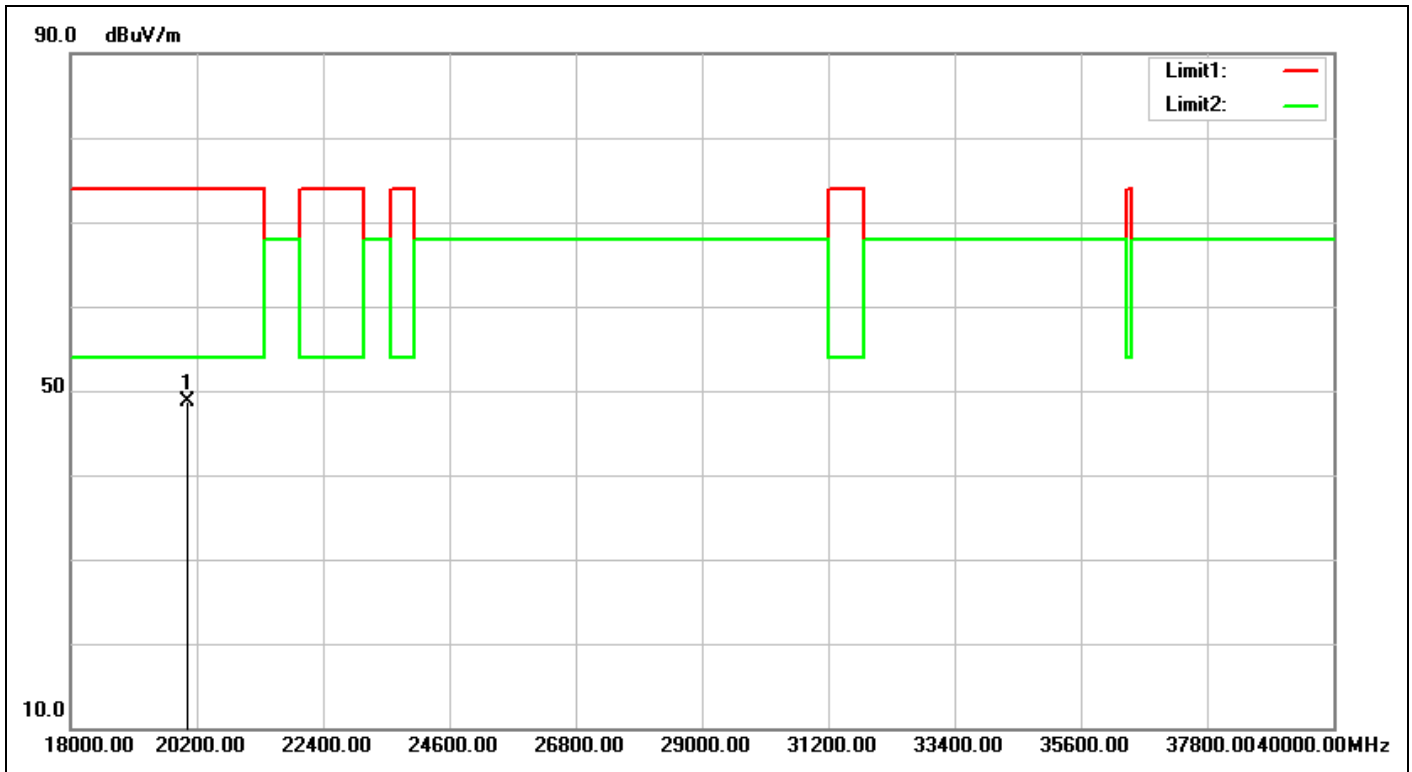
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:33:25
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



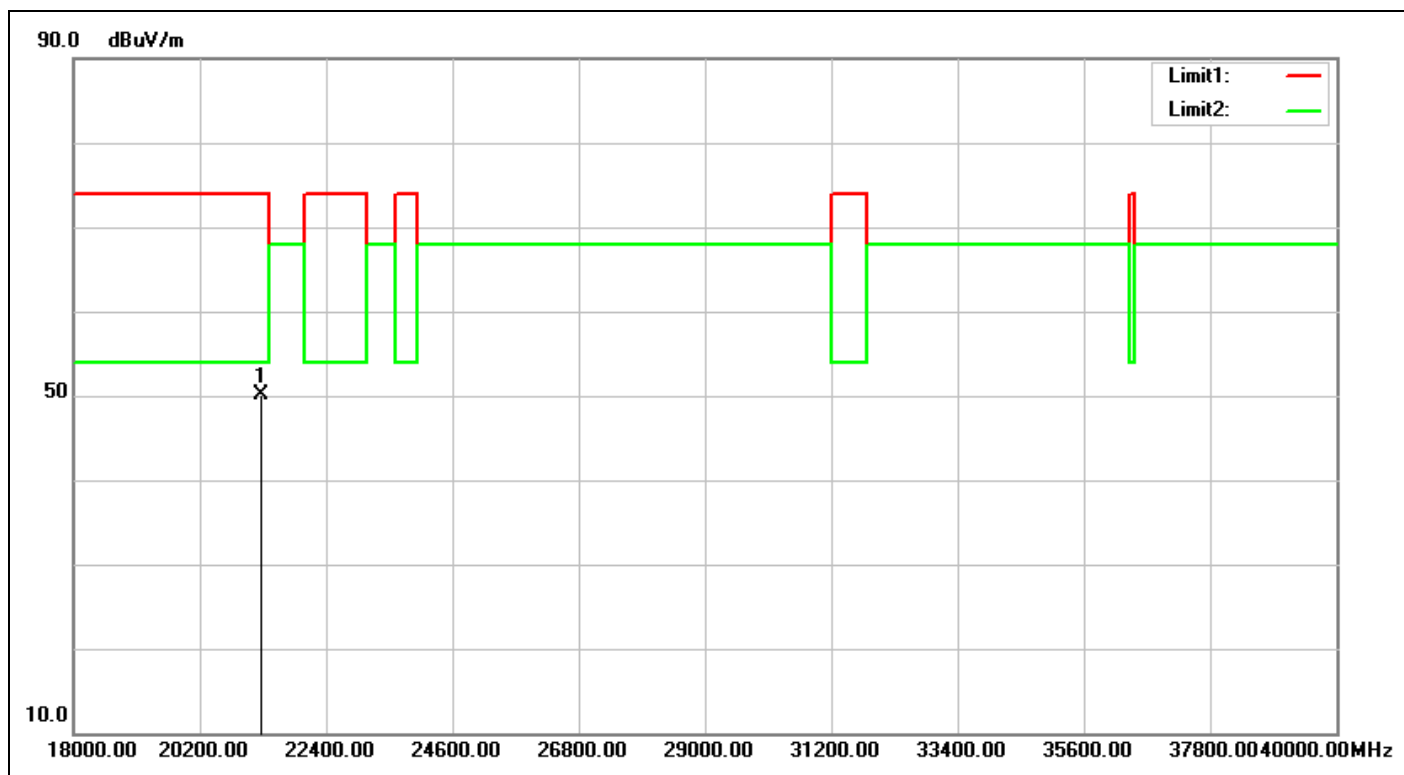
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:34:02
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	22(°C)/65%
Model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



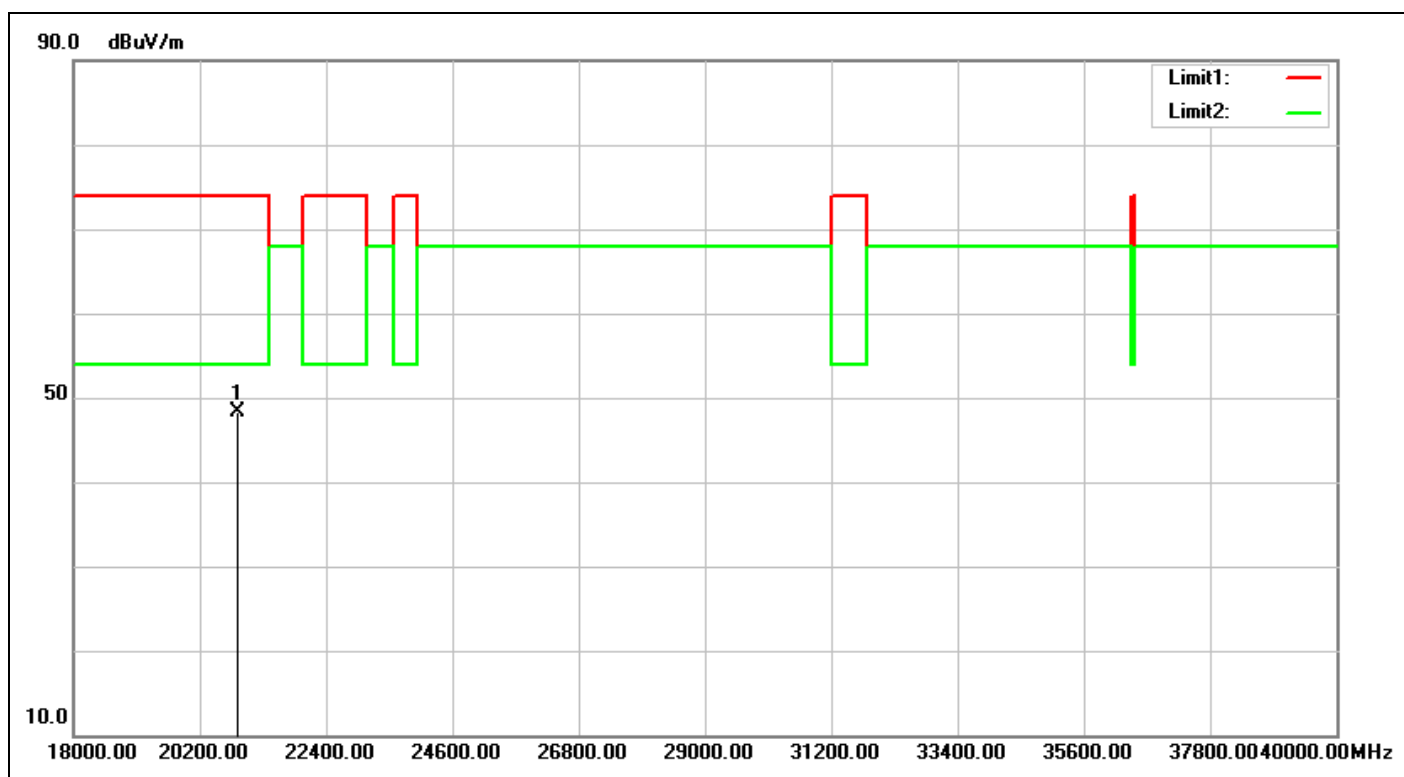
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:34:09
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



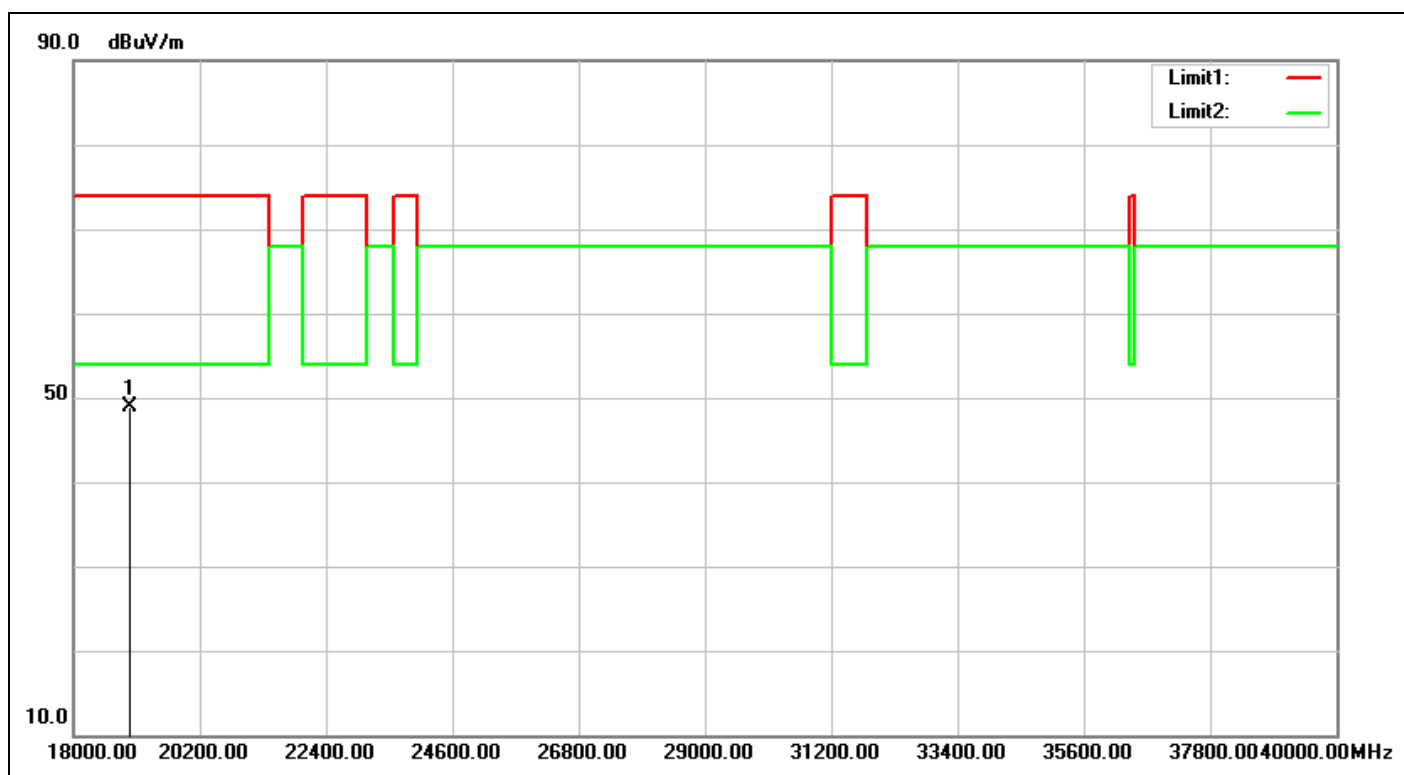
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:34:51
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



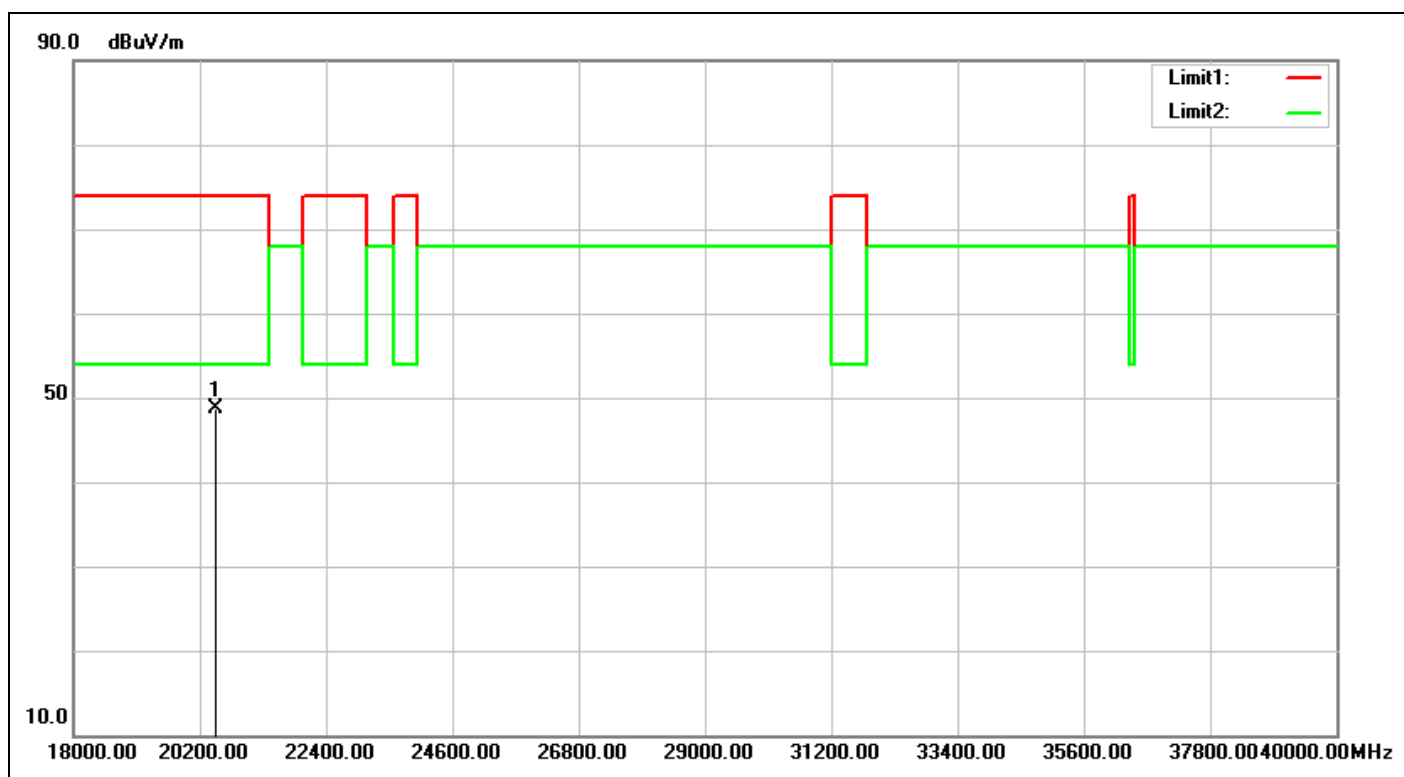
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:34:58
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



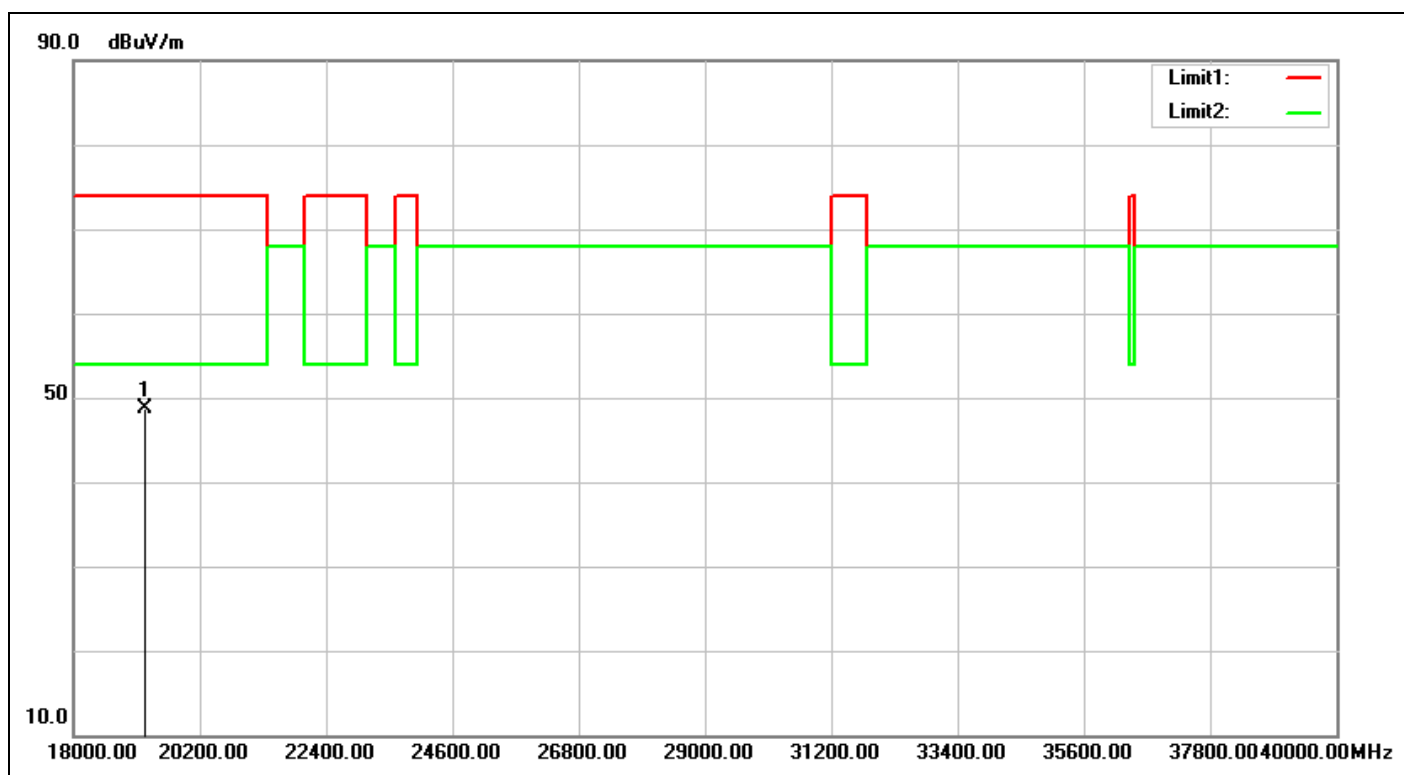
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:35:53
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



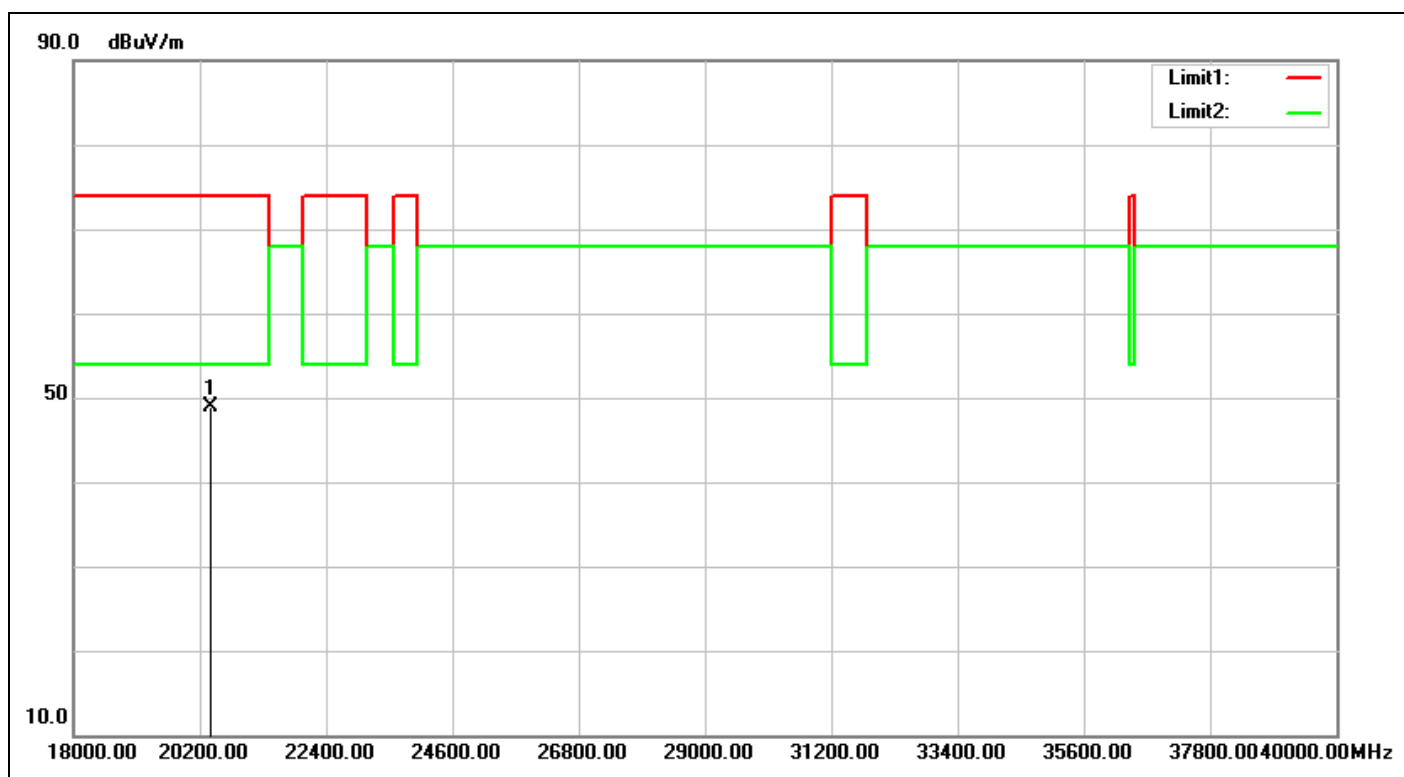
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:35:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



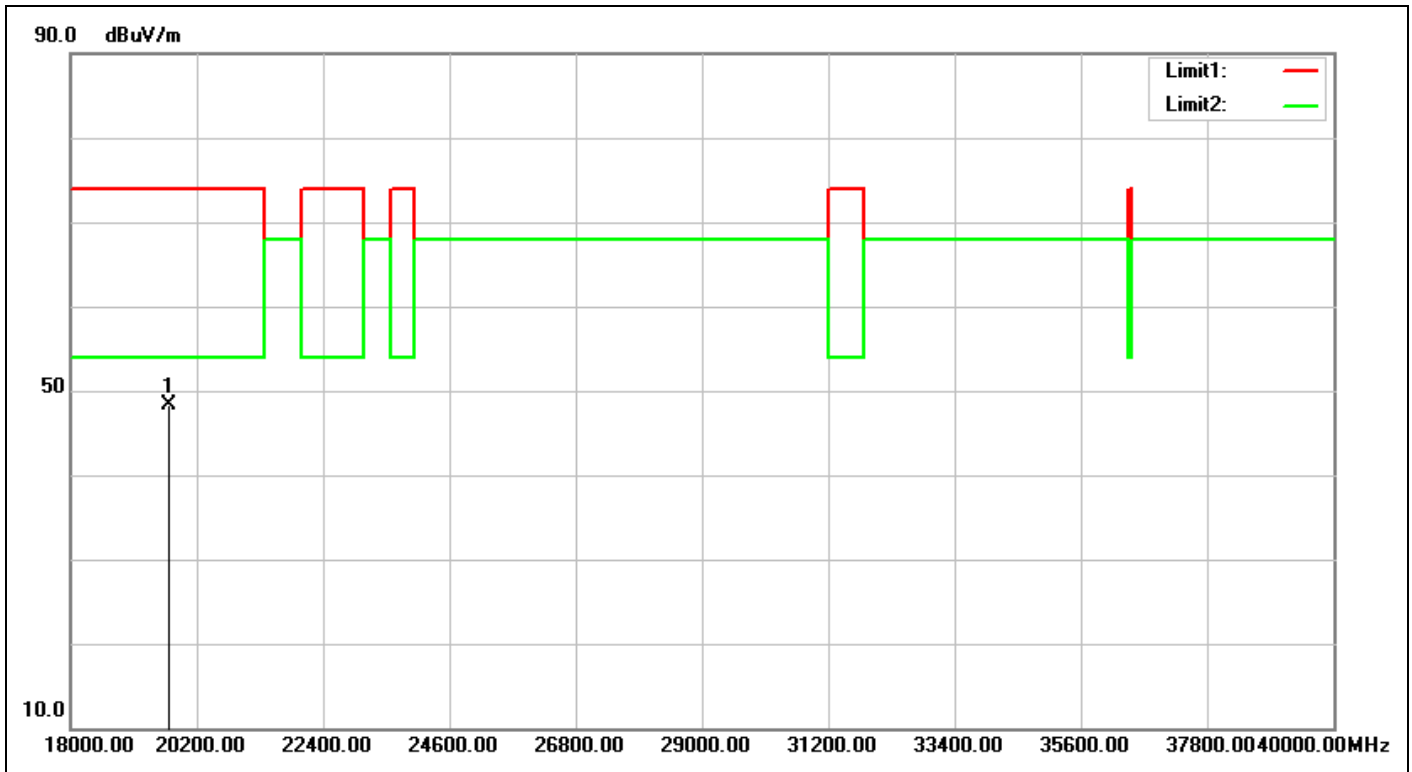
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:36:28
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



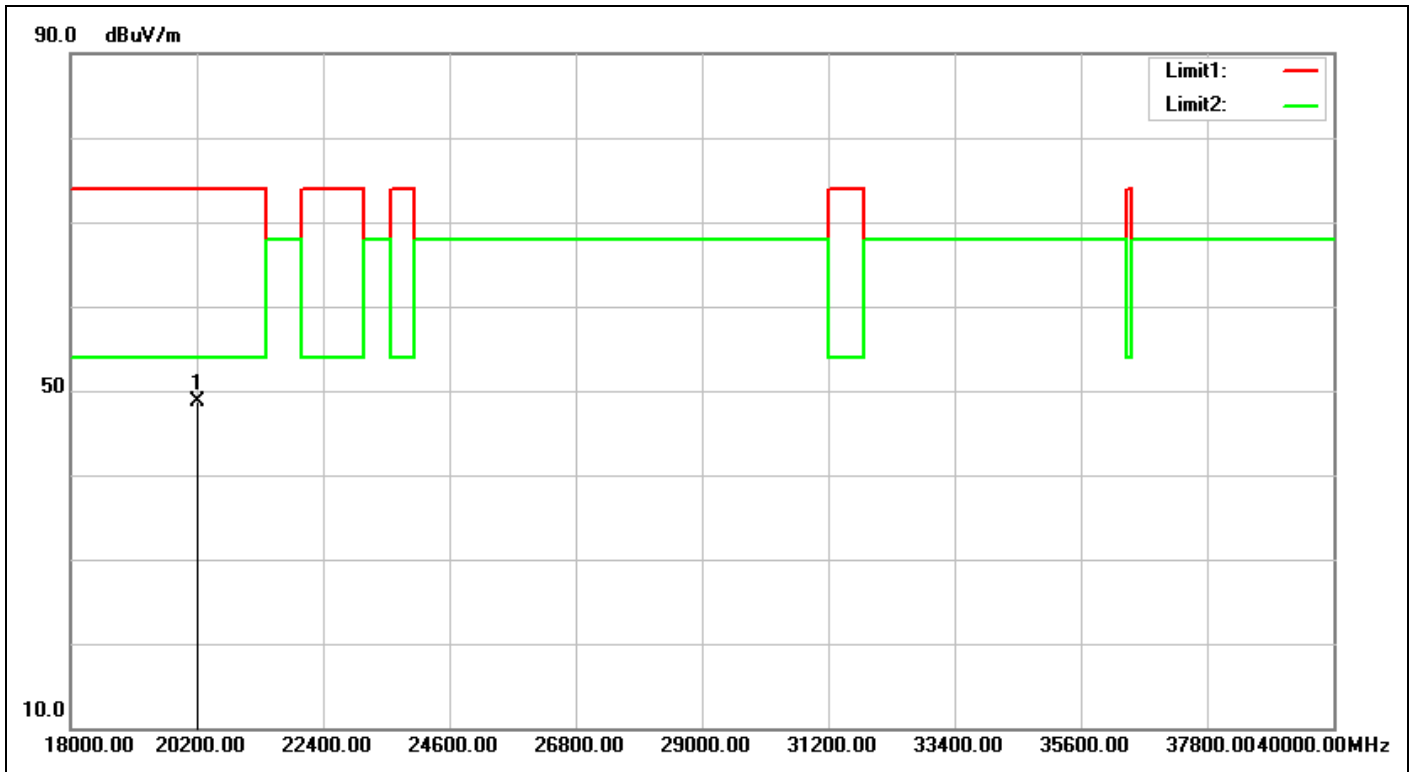
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:36:35
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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

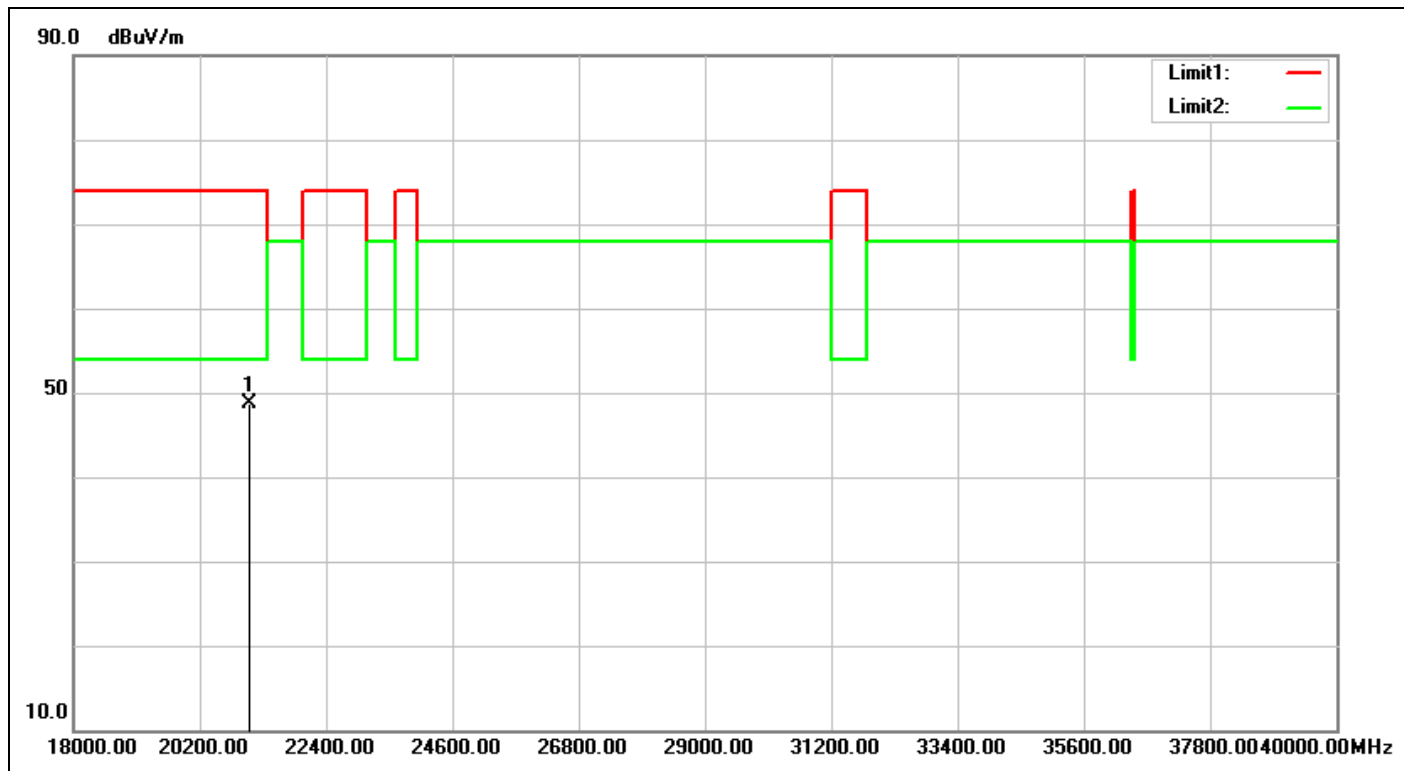
Spurious Emissions, TX Mode, 18-40G, U-NII-2A



TUV Rheinland Taiwan Ltd.

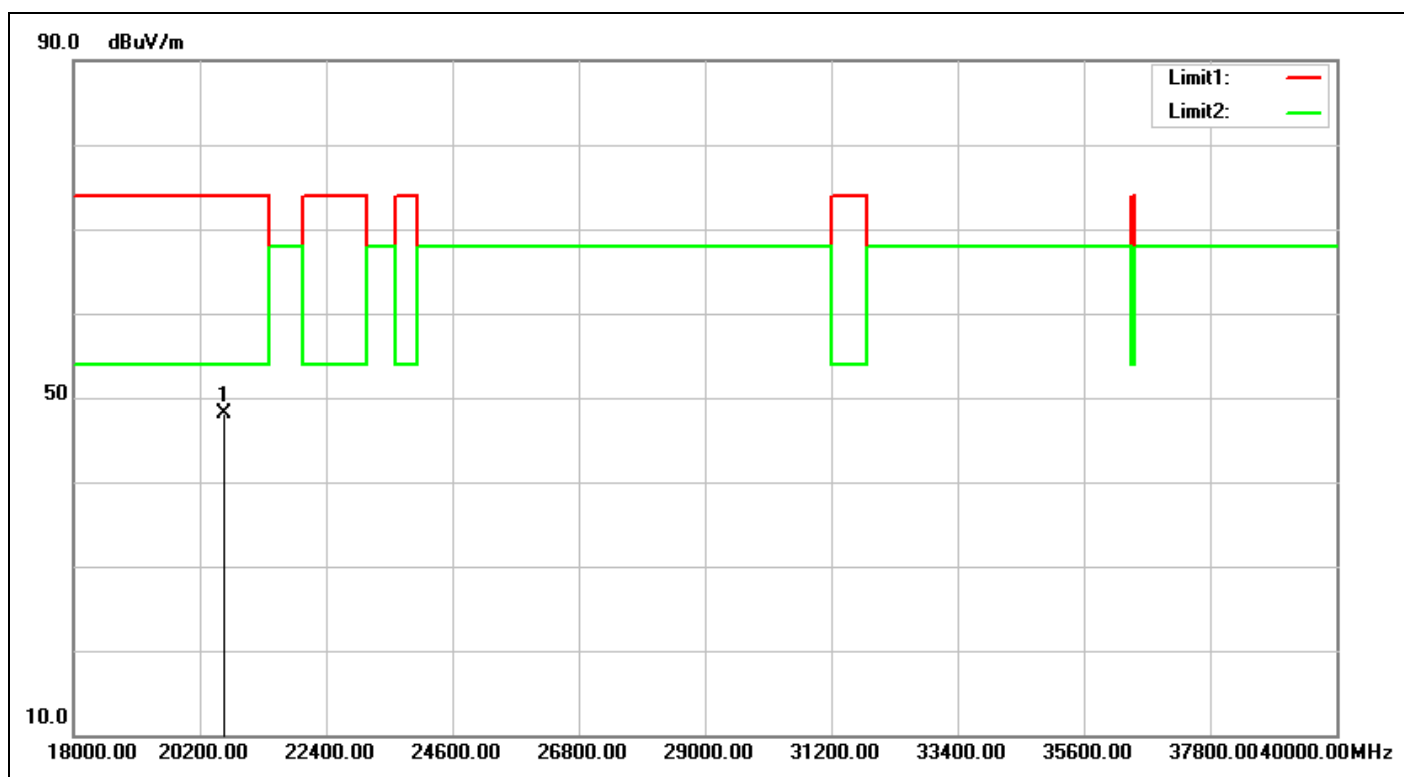
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



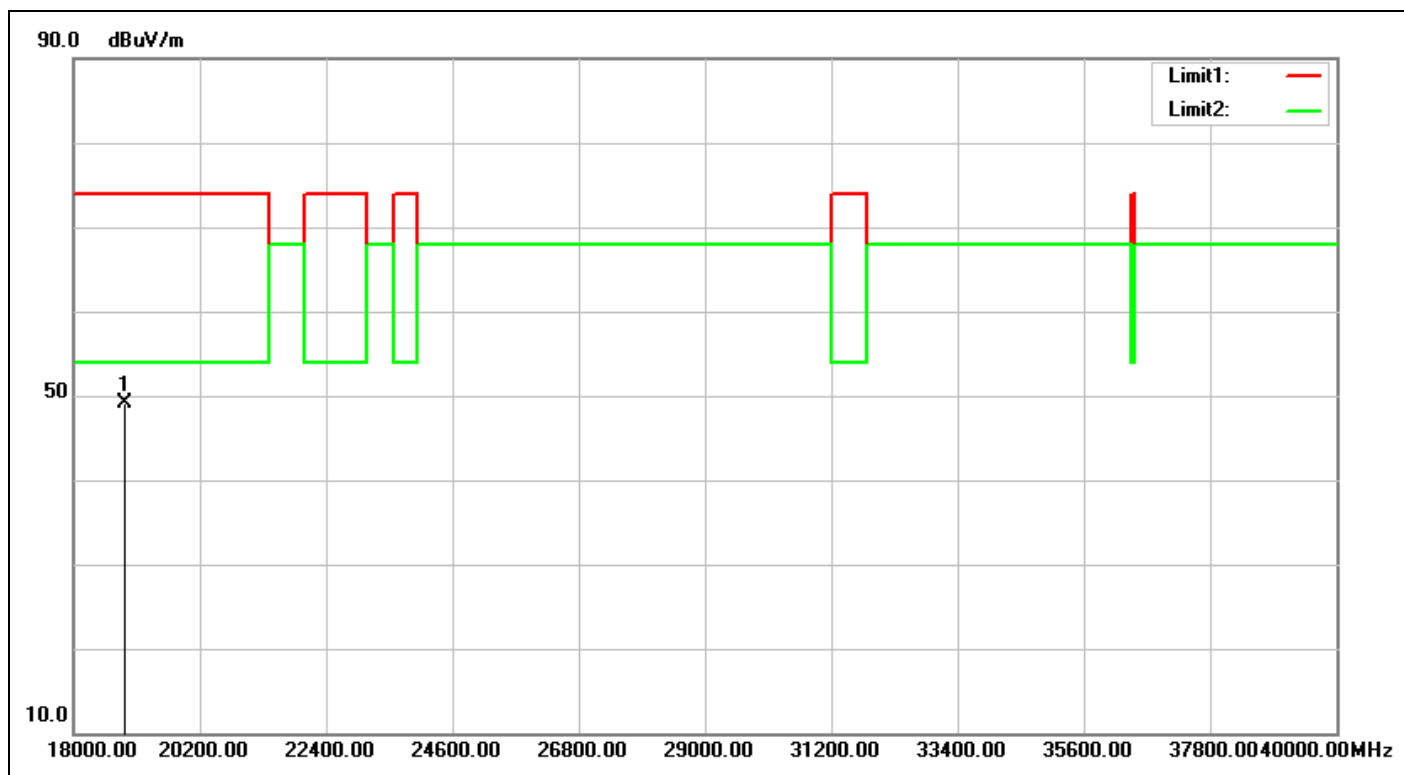
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:43:53
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	22(°C)/65%
Model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



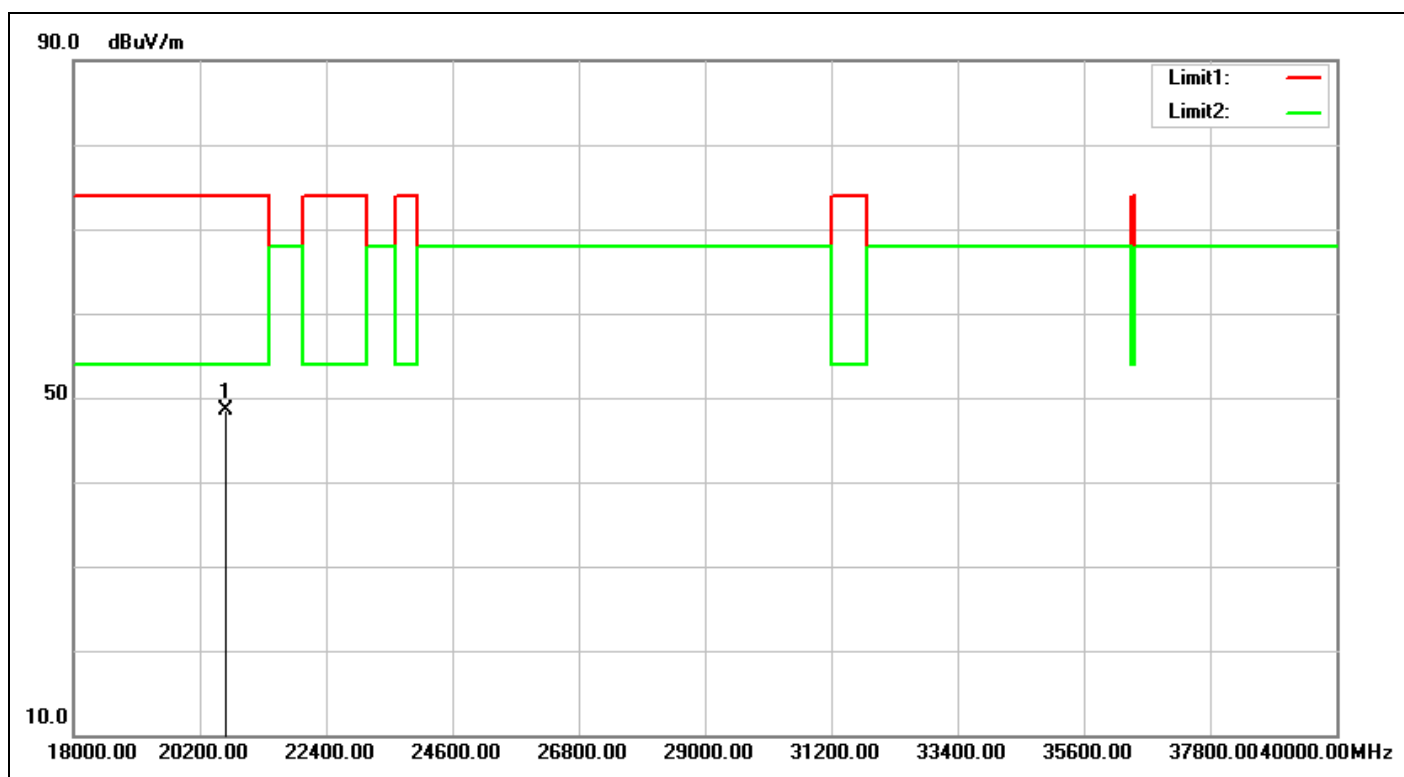
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:43:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



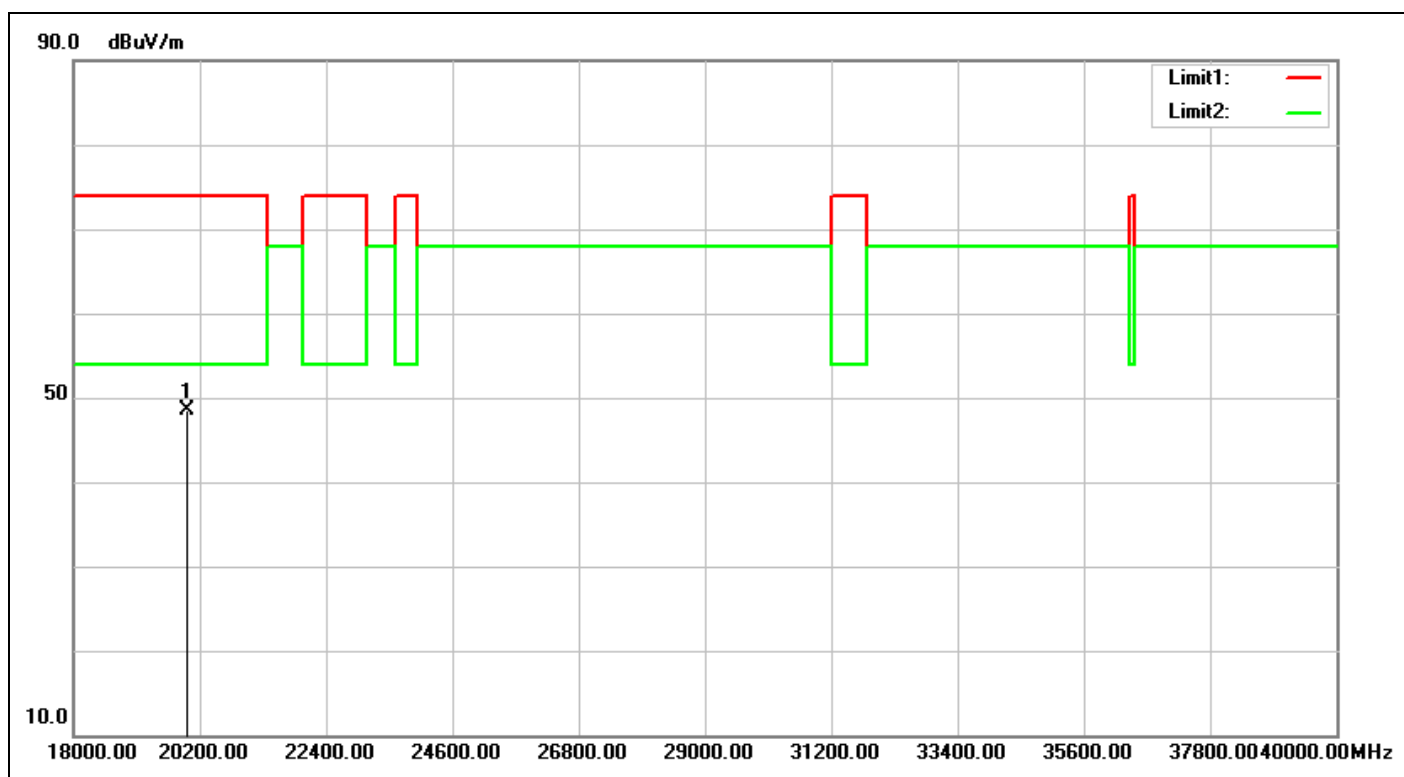
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:44:32
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



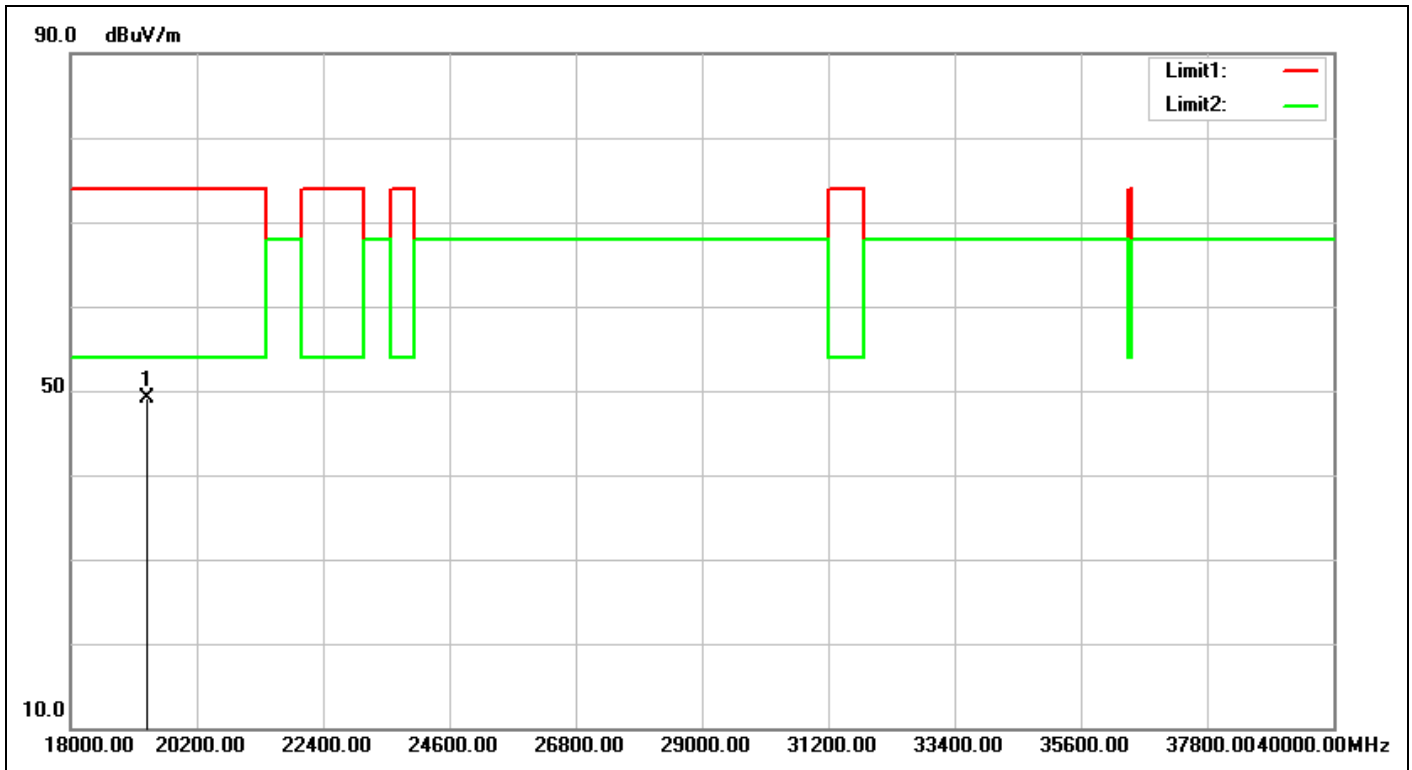
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:44:39
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	22(°C)/65%
Model No.: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



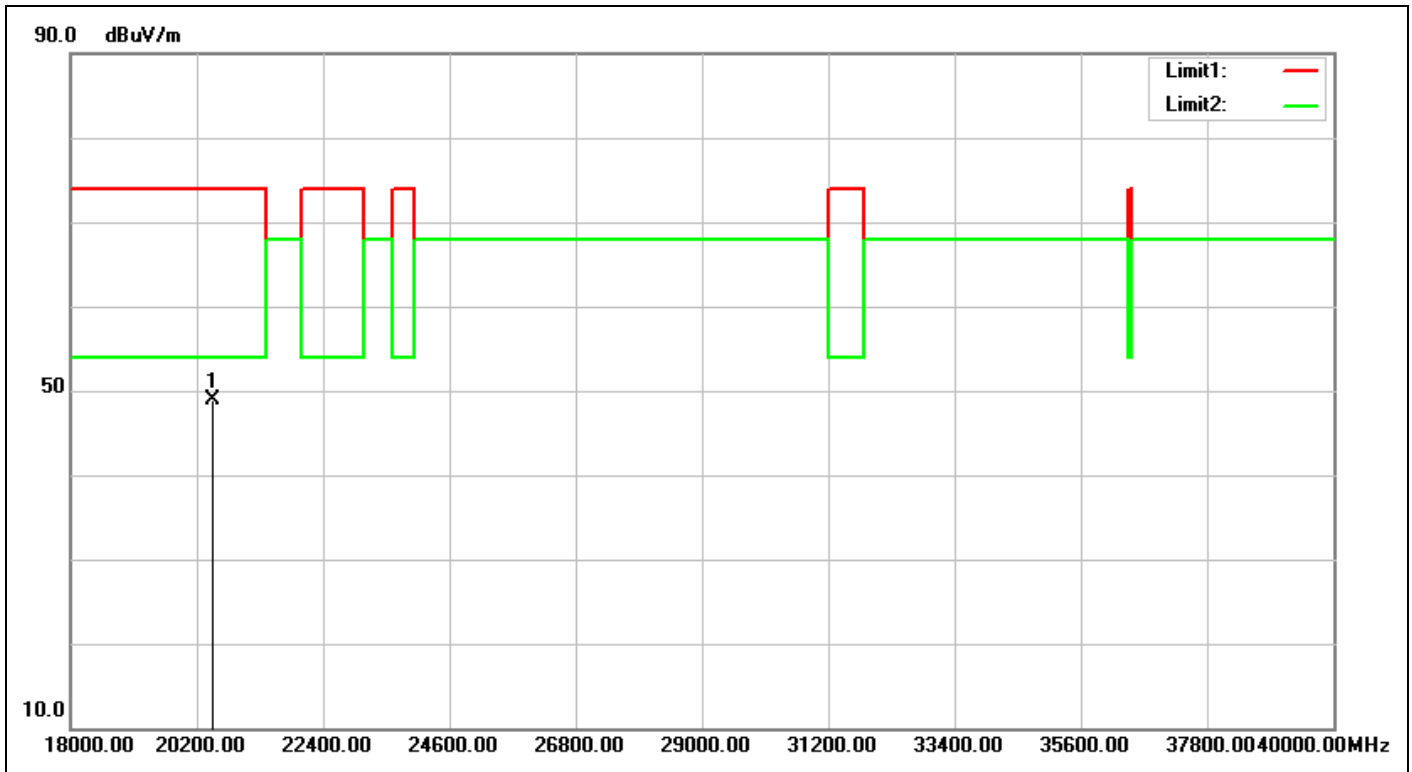
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:45:07
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



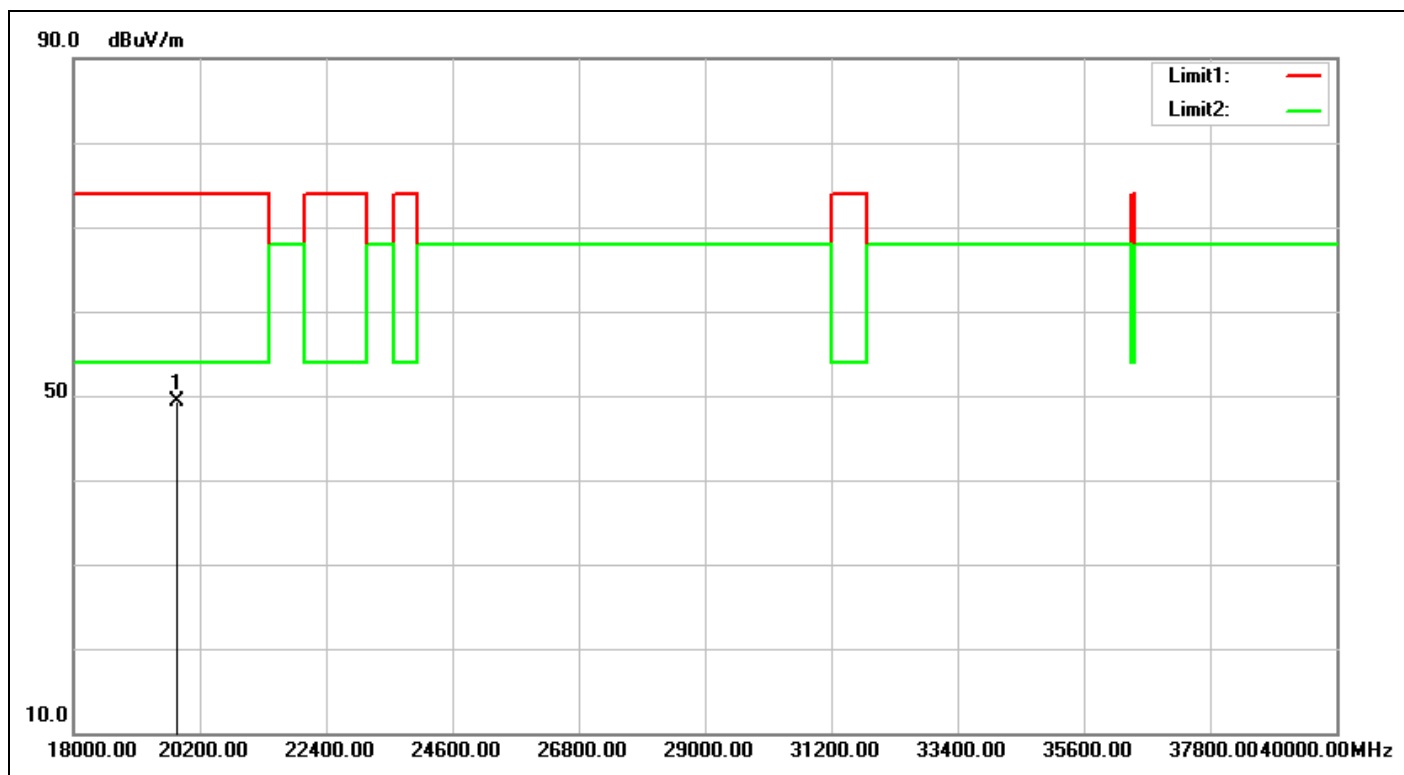
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:45:14
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



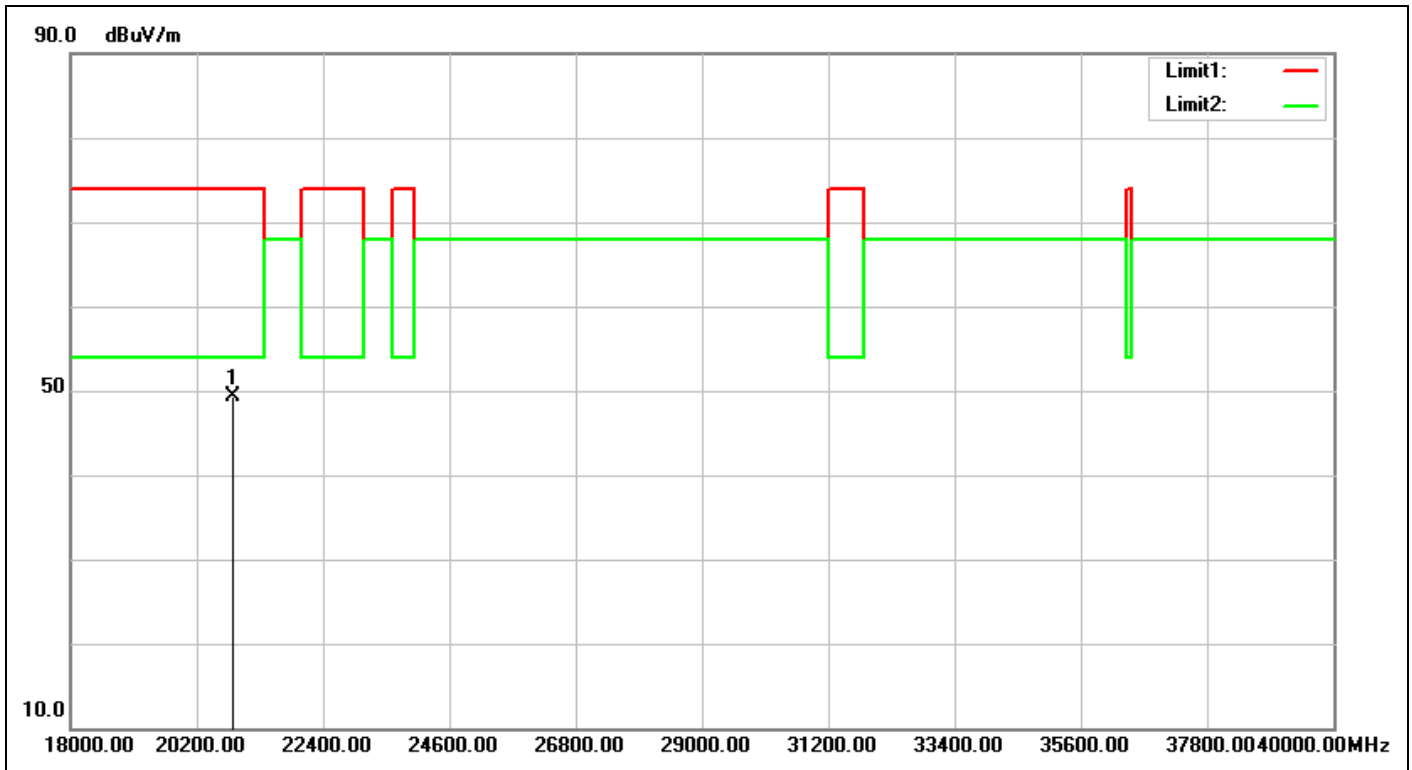
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:45:52
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



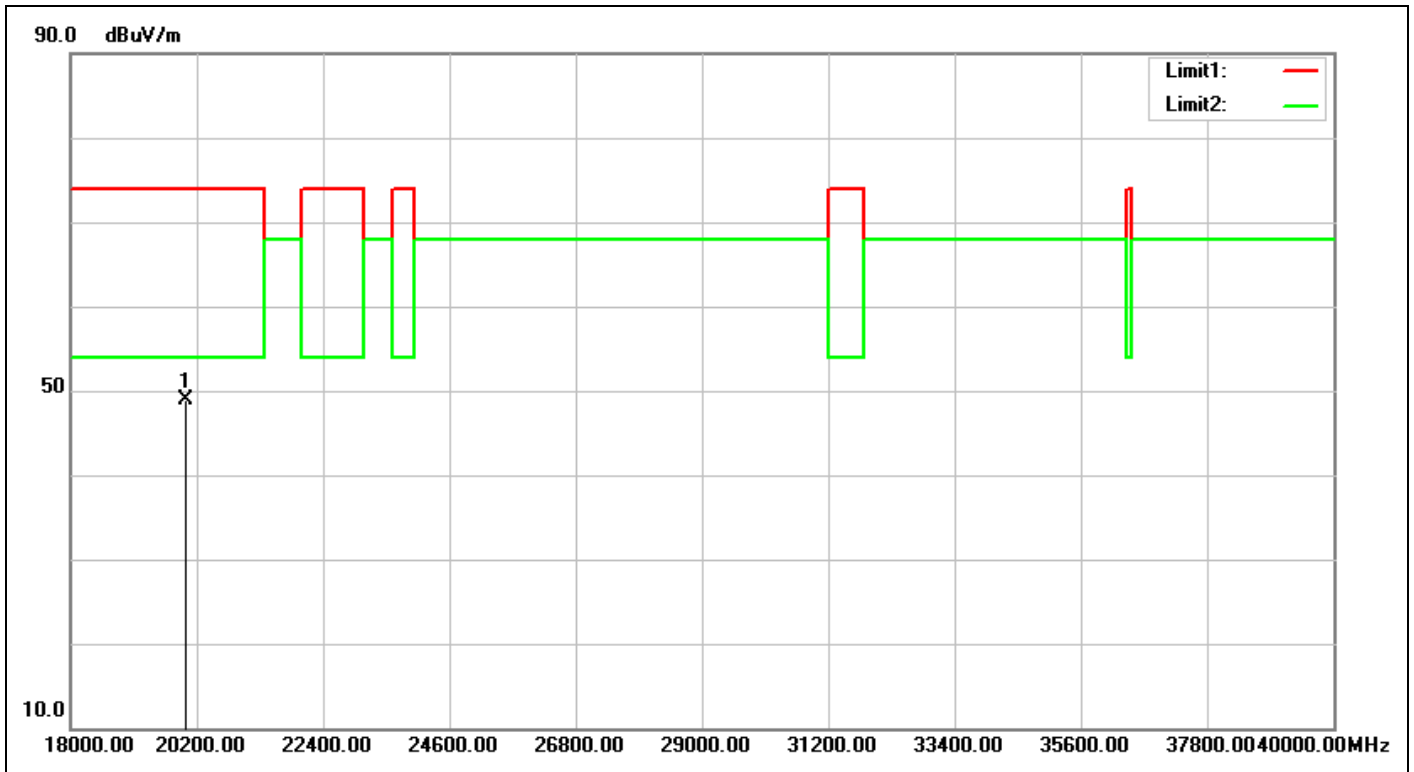
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:45:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



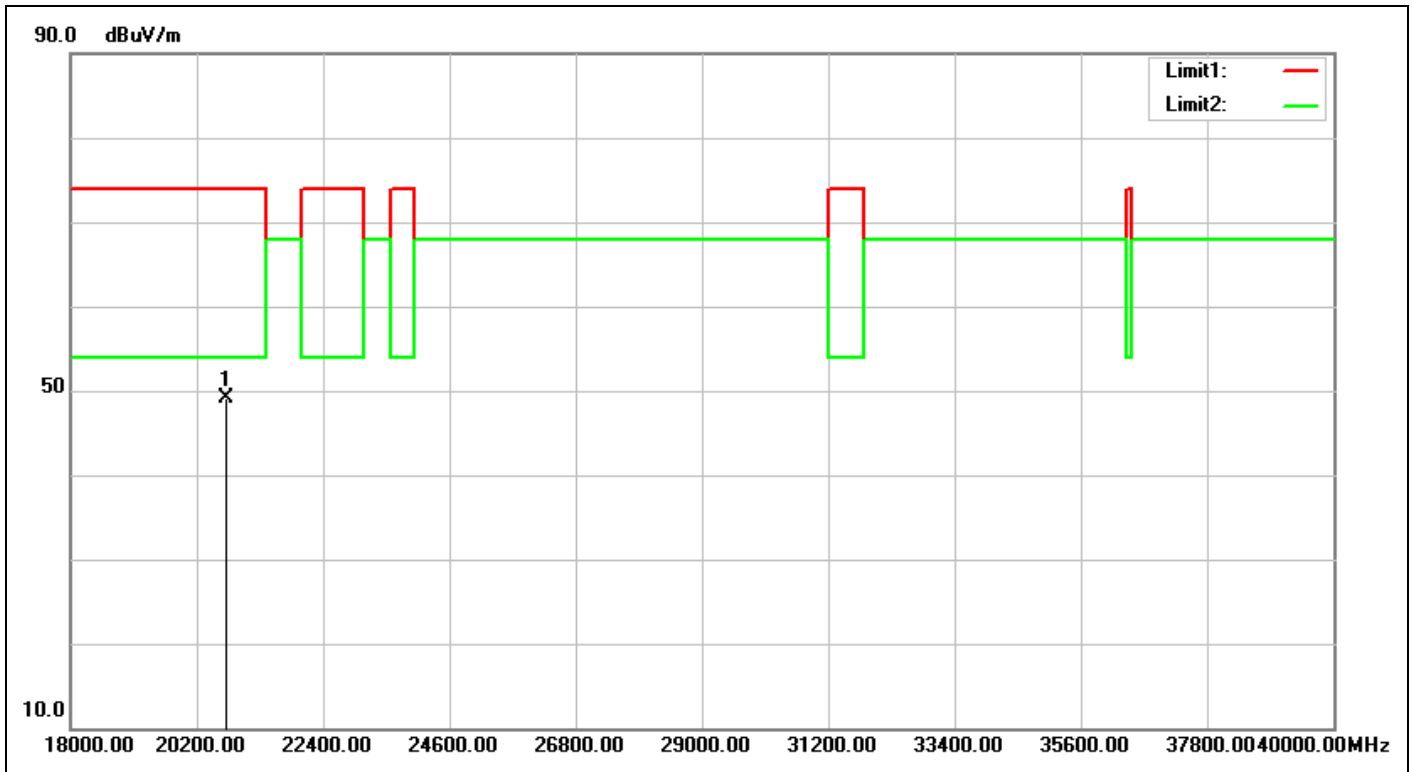
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:46:29
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	22(°C)/65%
Model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



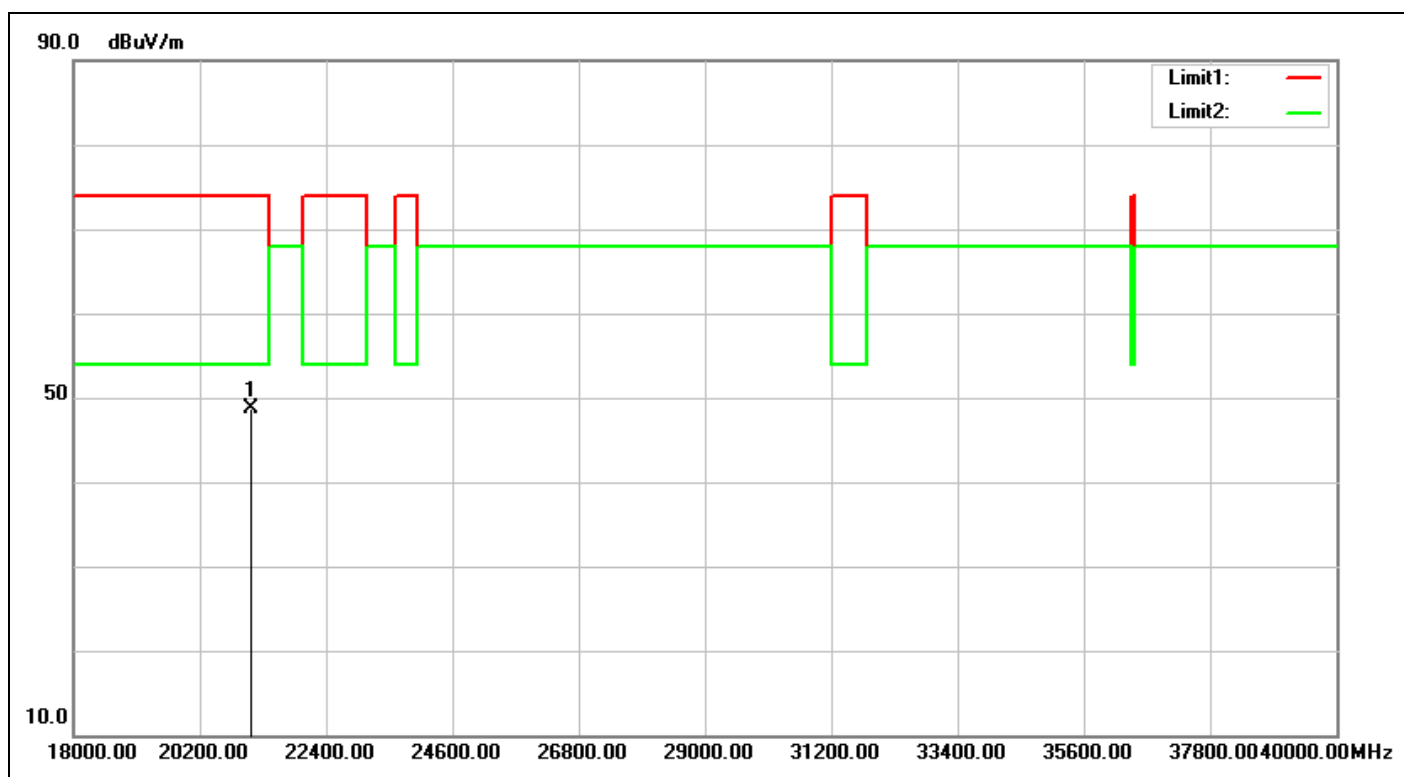
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:46:36
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



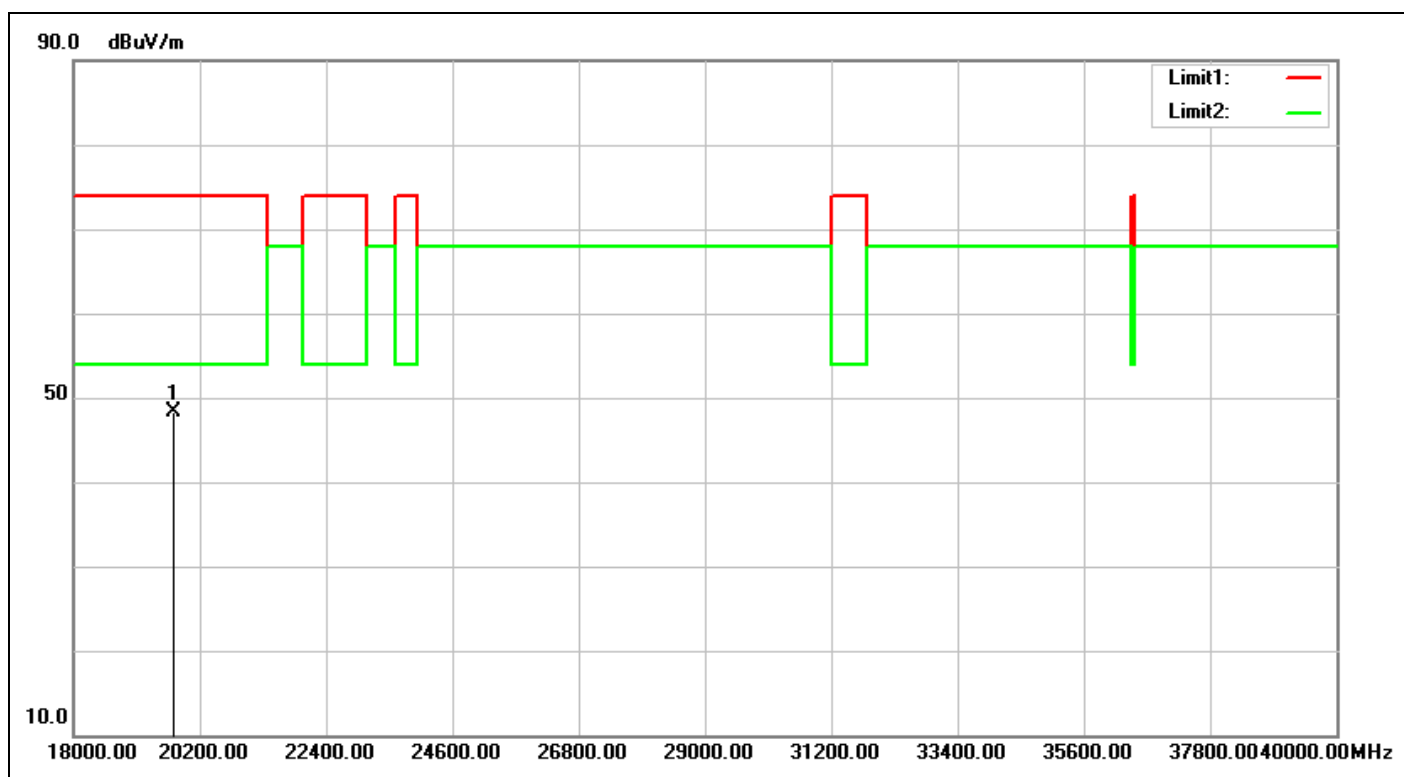
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:47:03
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



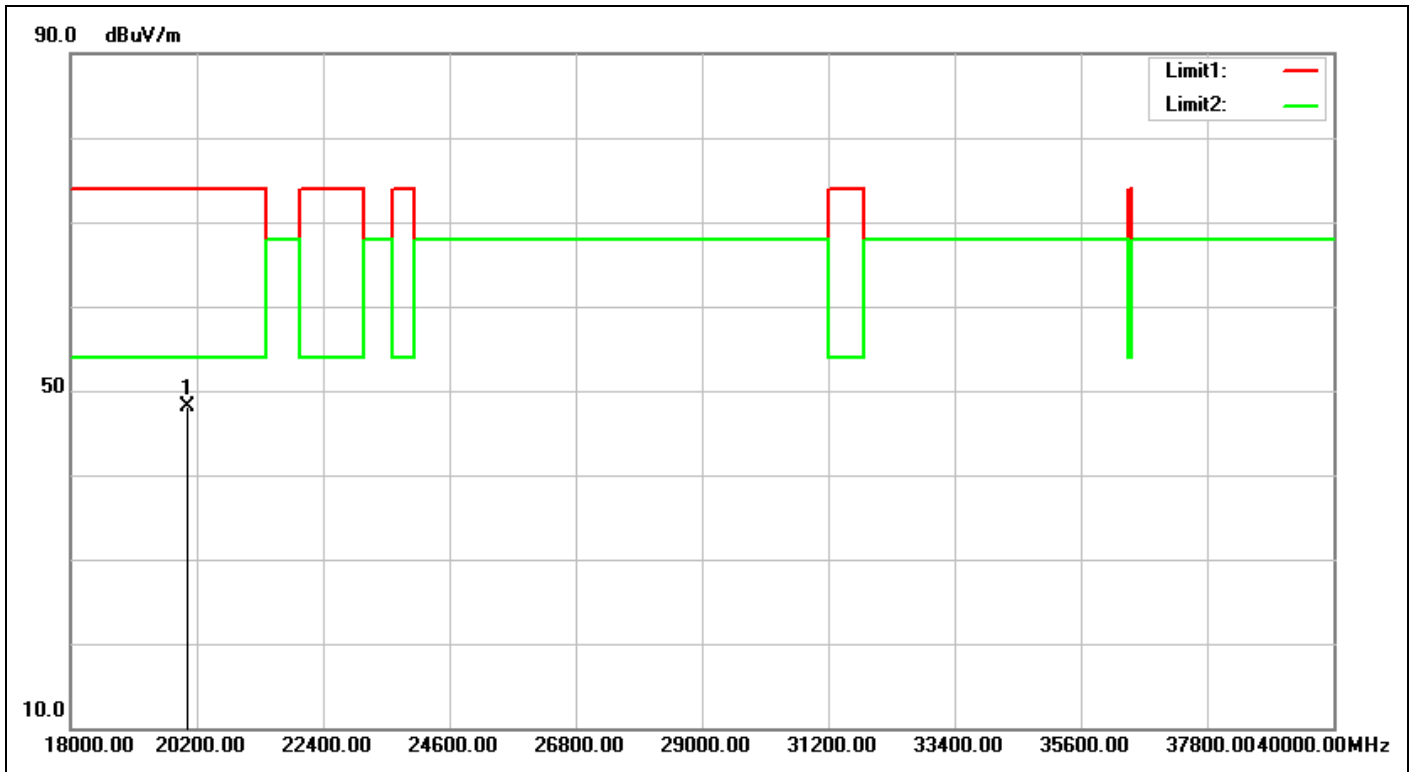
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:47:10
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



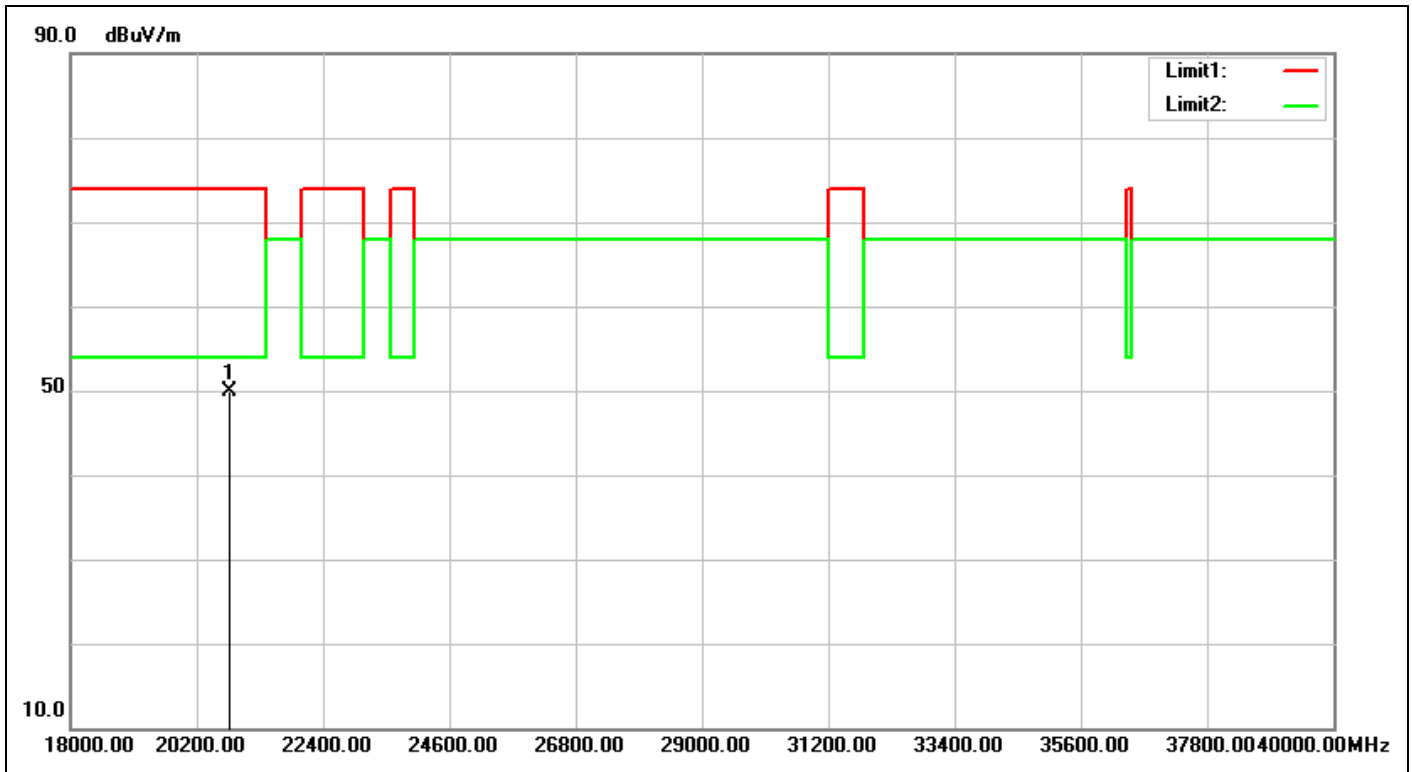
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/30 19:15:46
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	23(°C)/65%
Model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



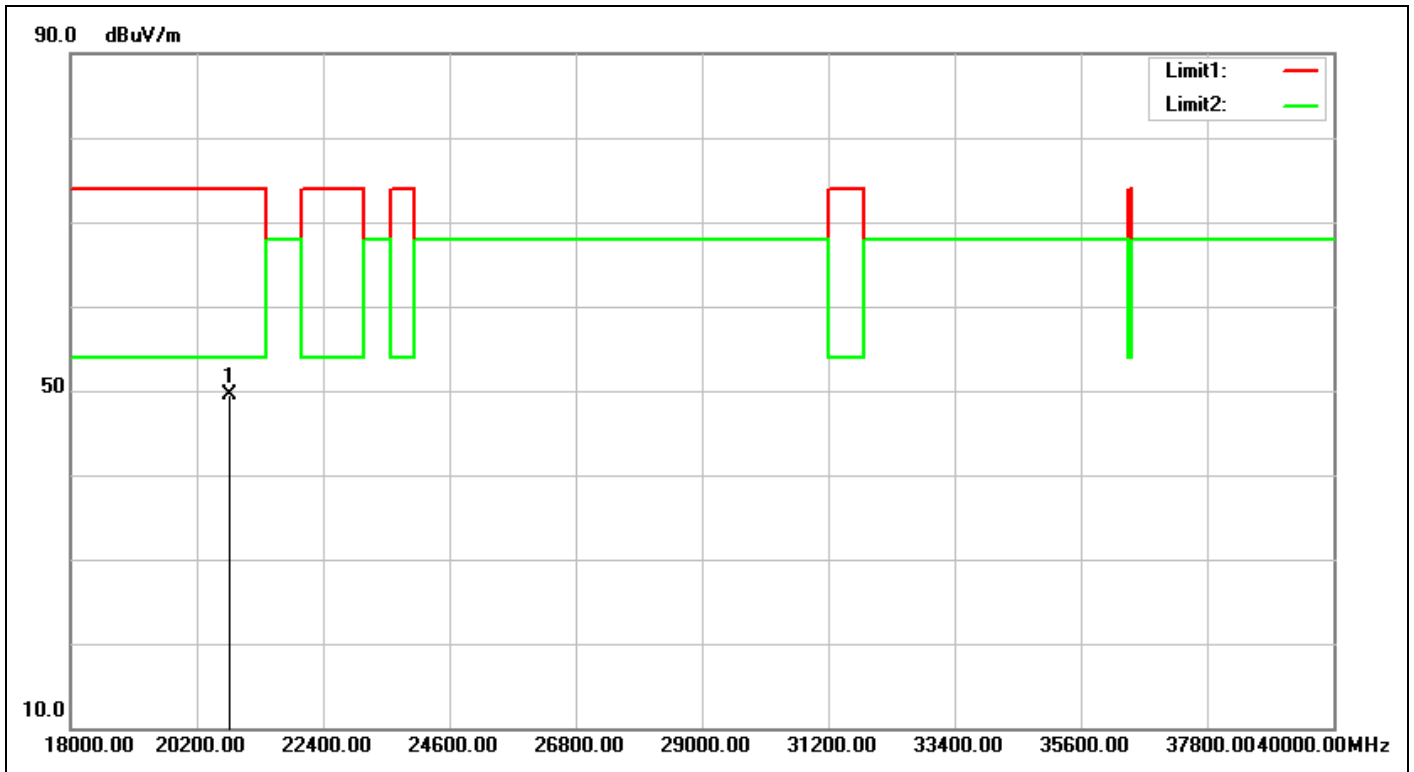
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/30 19:15:53
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	23(°C)/65%
Model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



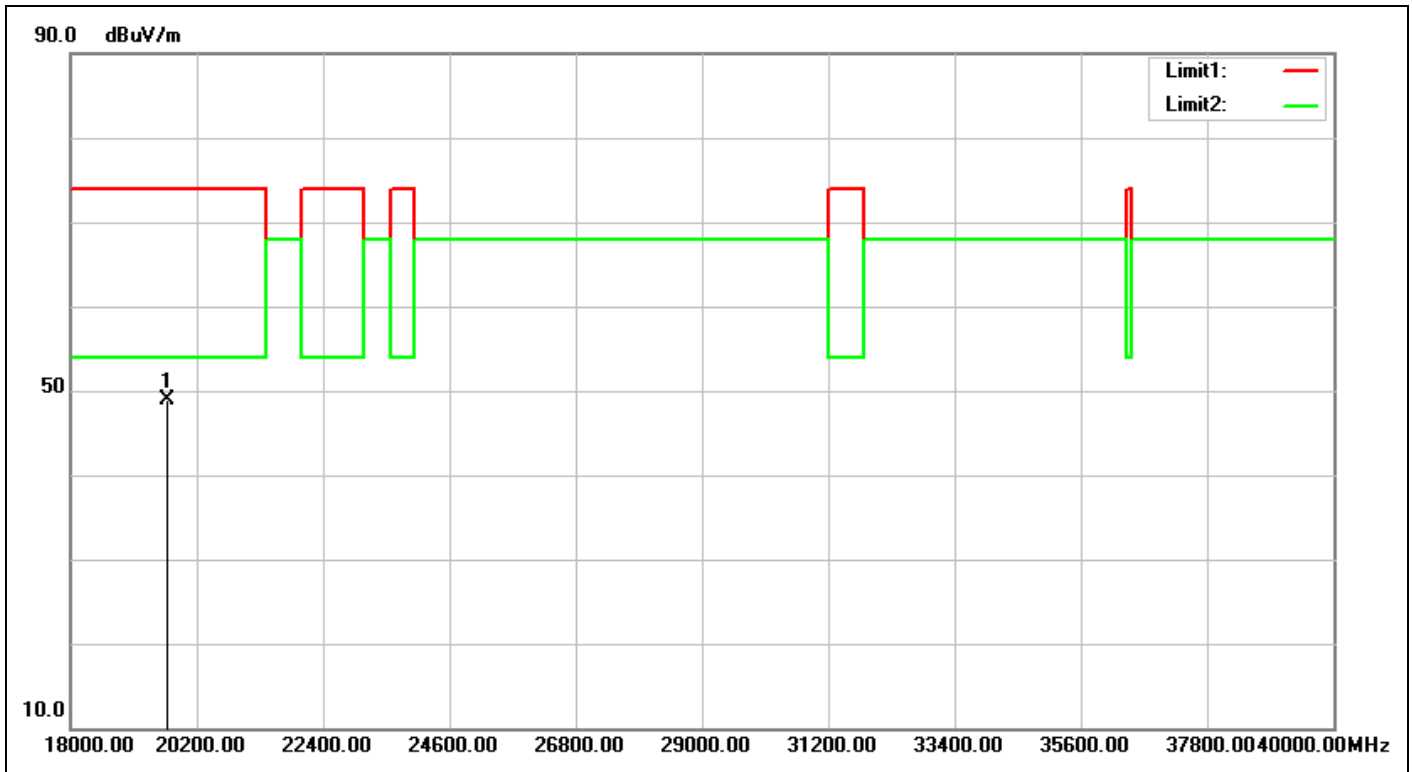
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 23:51:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



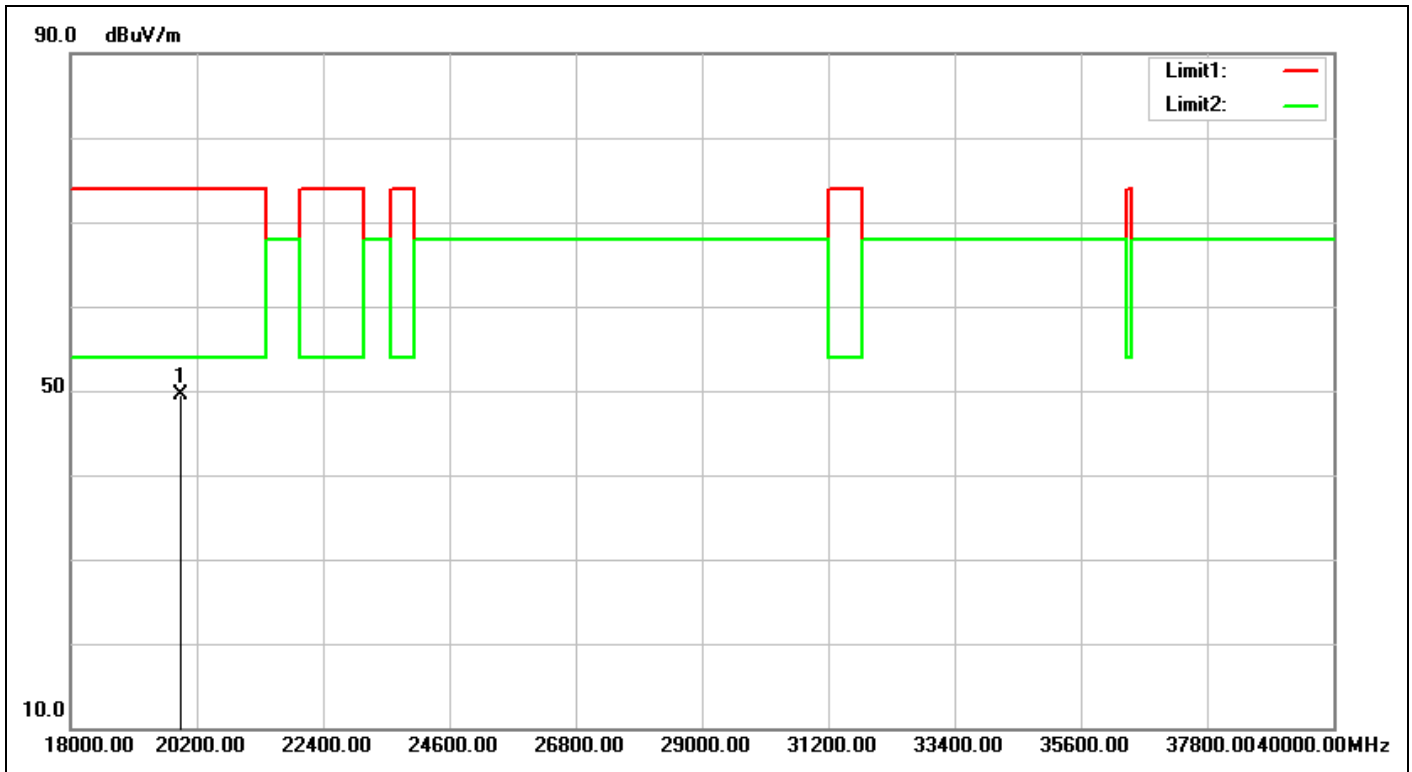
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 23:51:25
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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

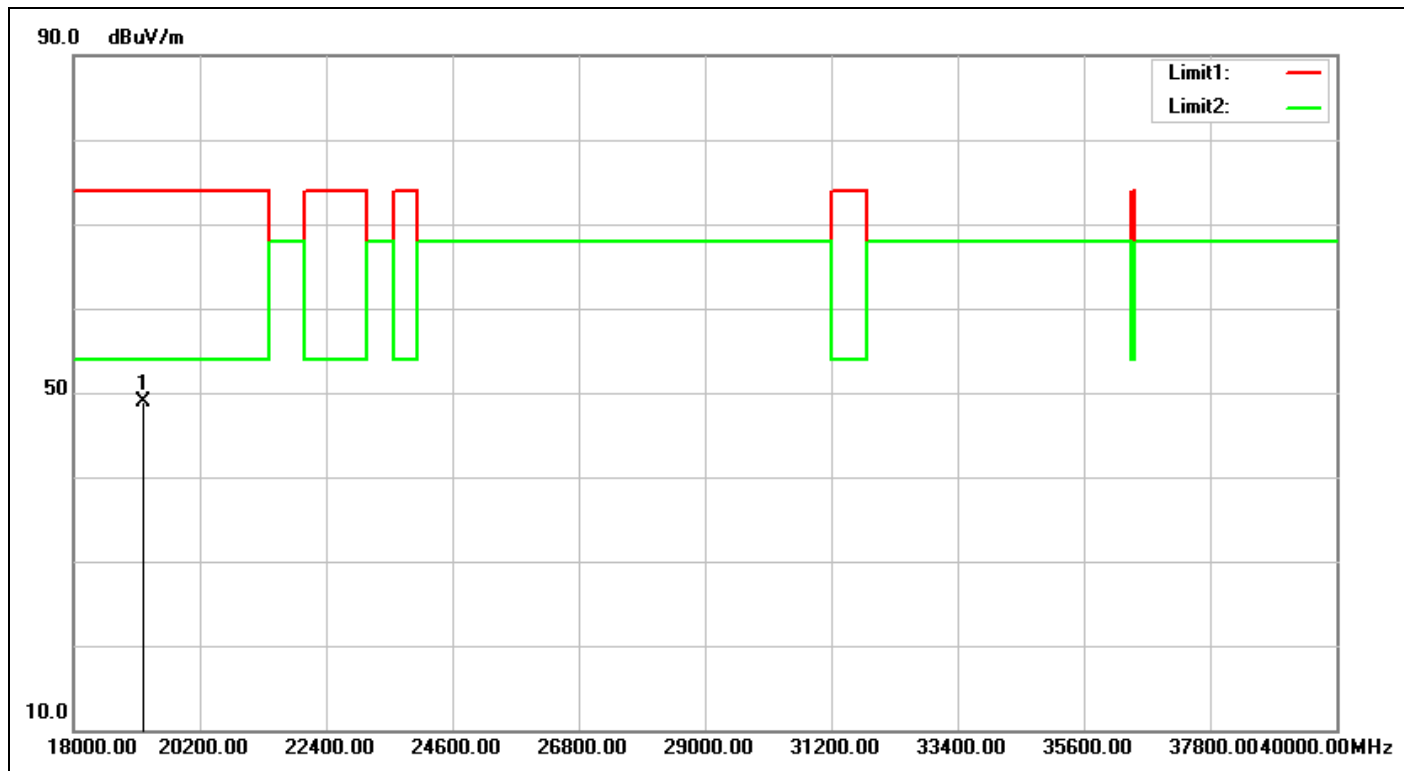
Spurious Emissions, TX Mode, 18-40G, U-NII-2C



TUV Rheinland Taiwan Ltd.

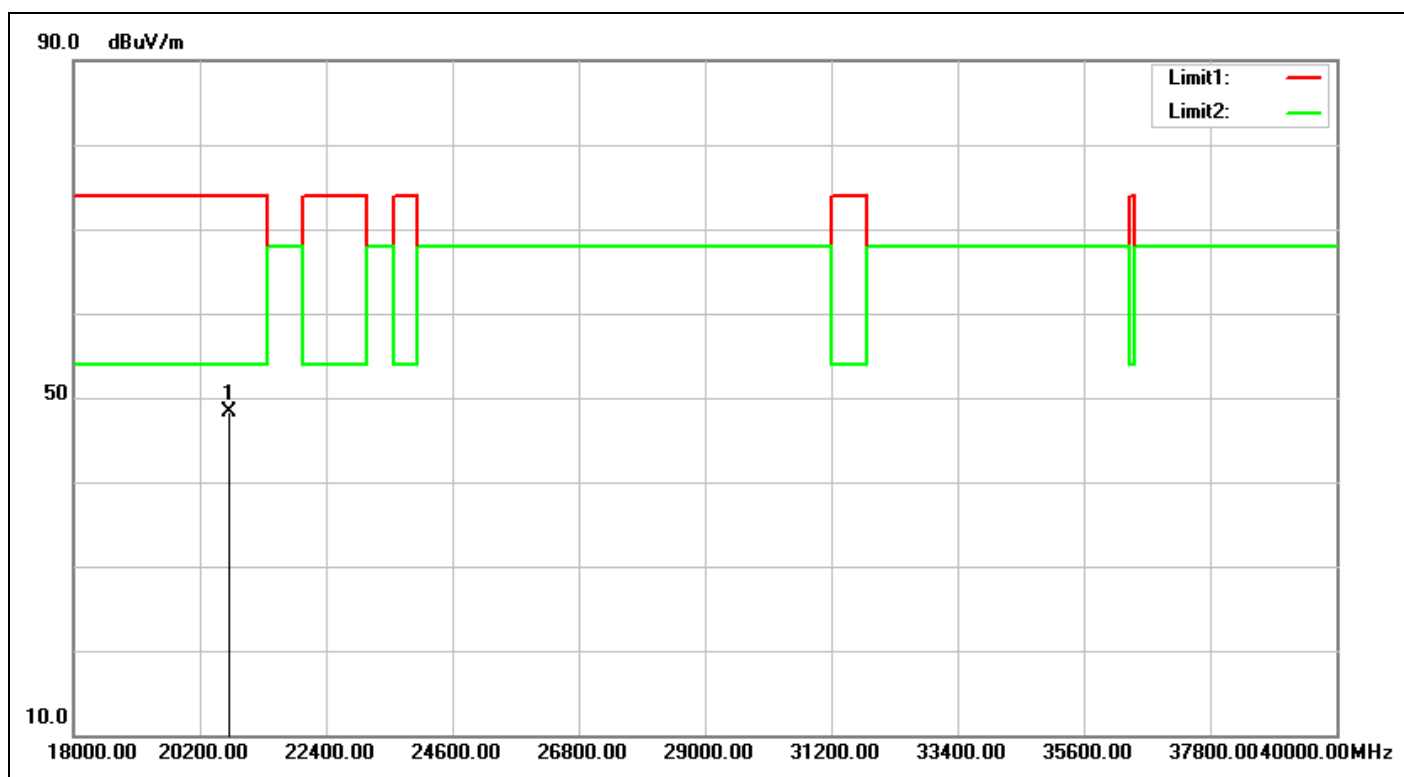
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



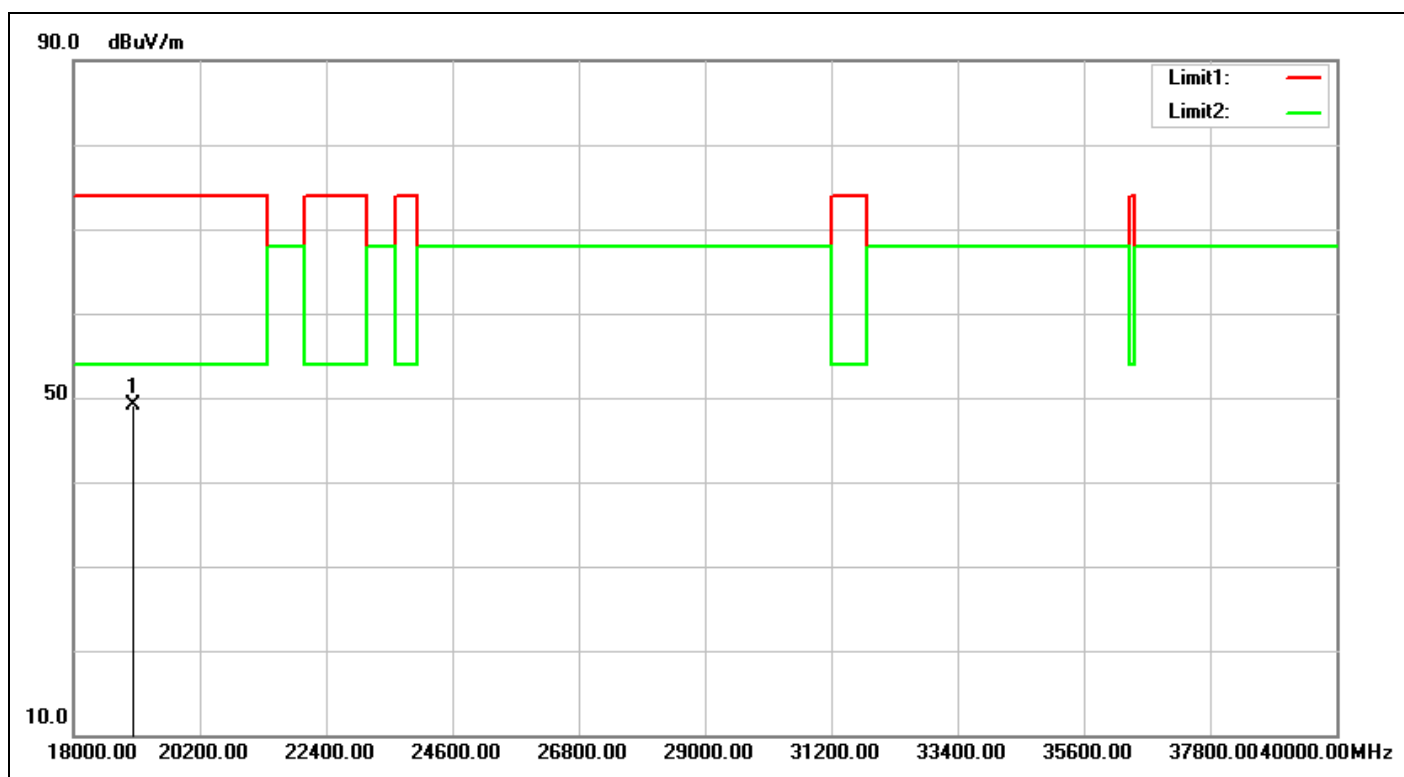
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:00:36
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	22(°C)/65%
Model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



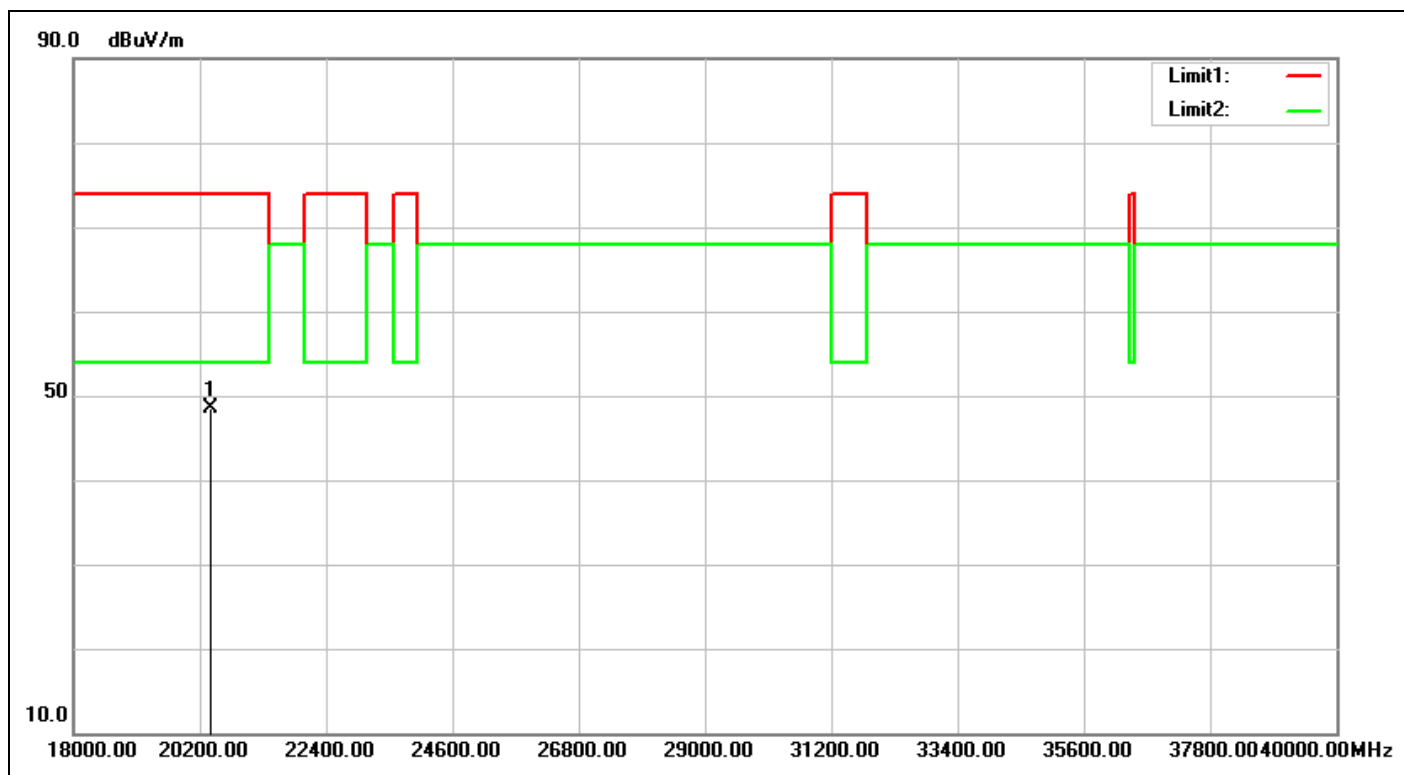
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:00:42
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	22(°C)/65%
Model No.: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



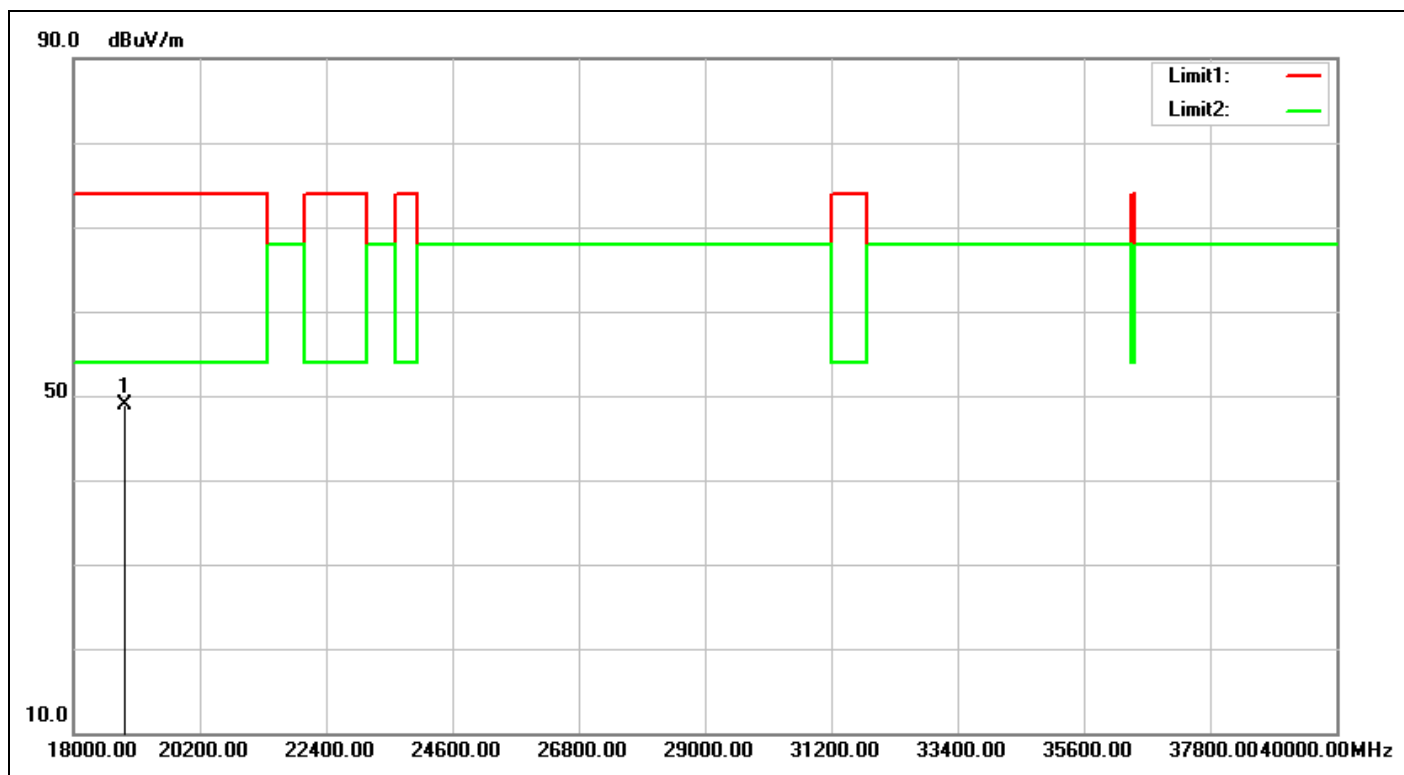
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:01:17
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



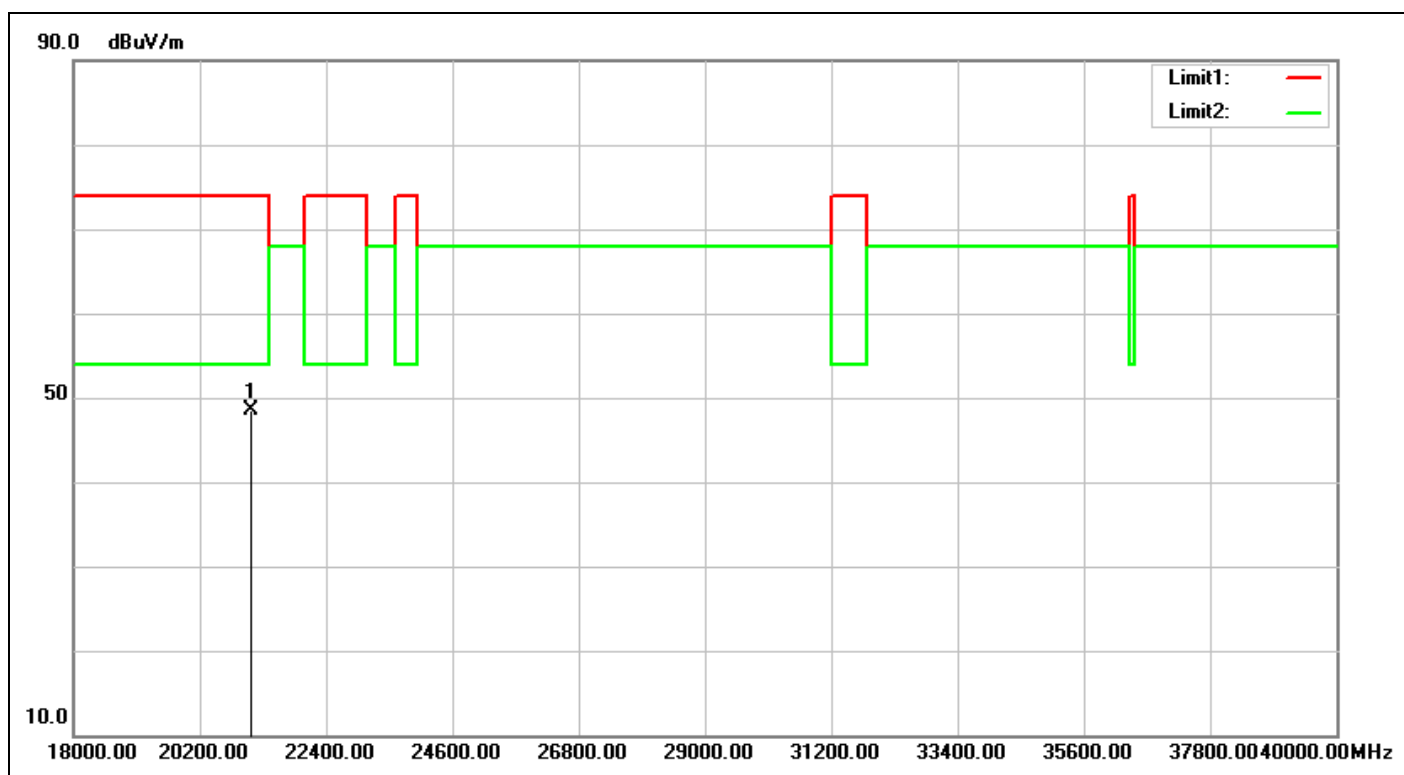
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:01:23
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



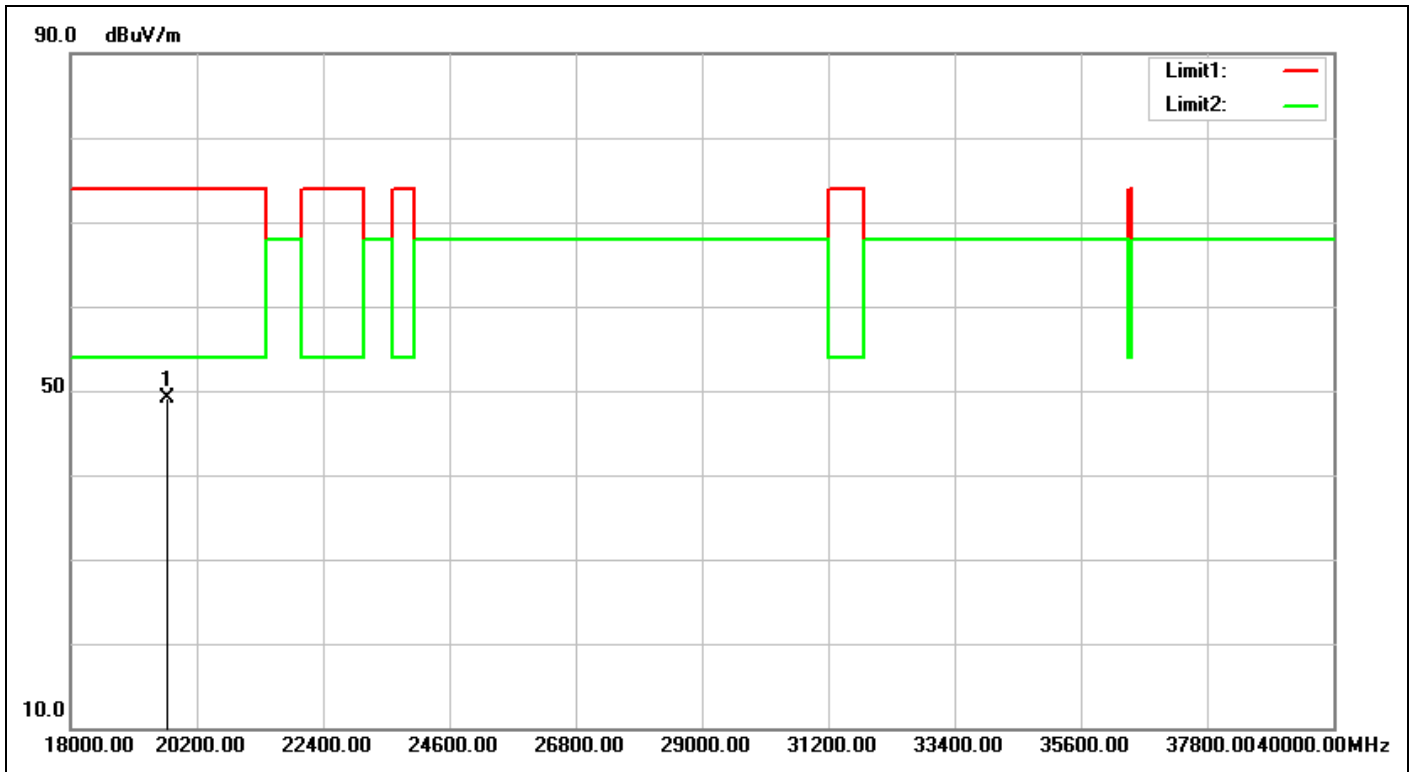
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:01:56
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



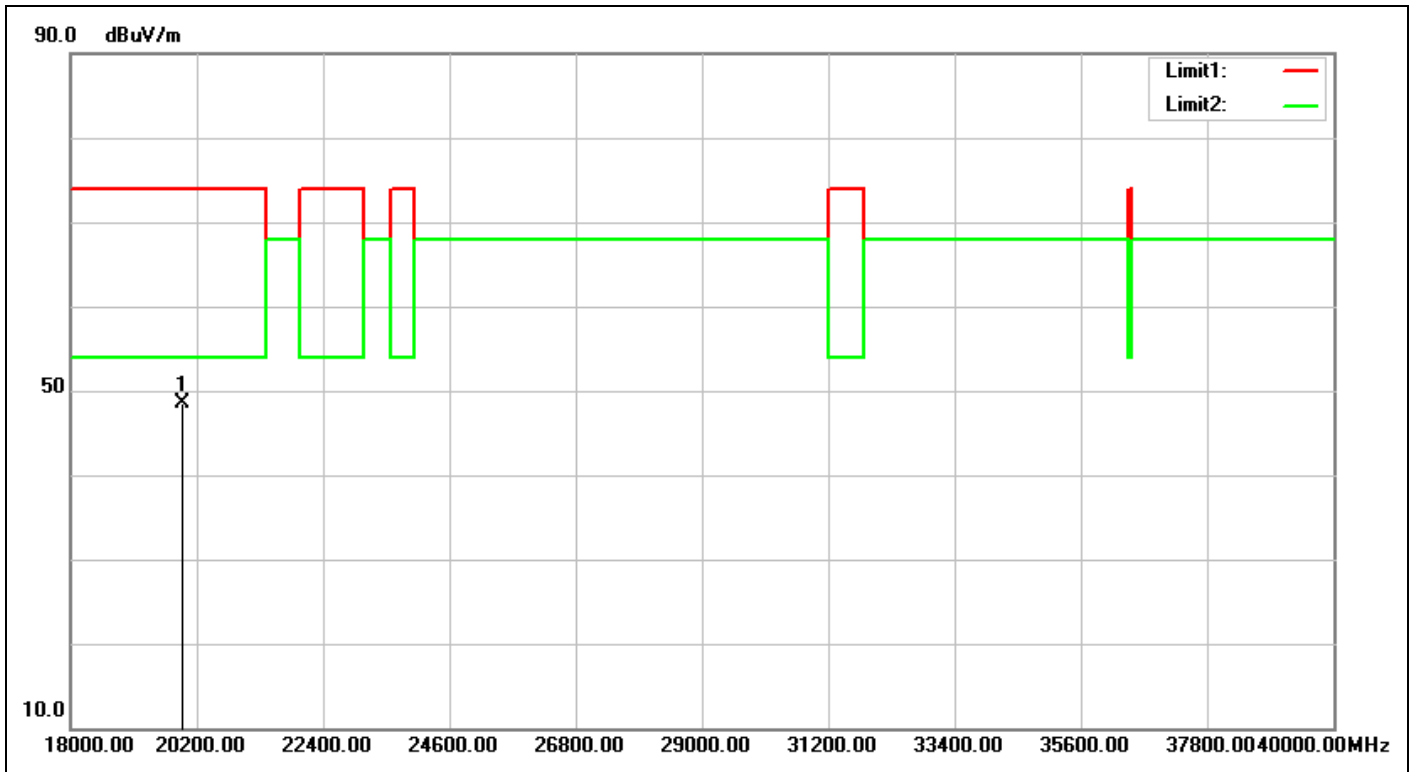
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:02:03
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



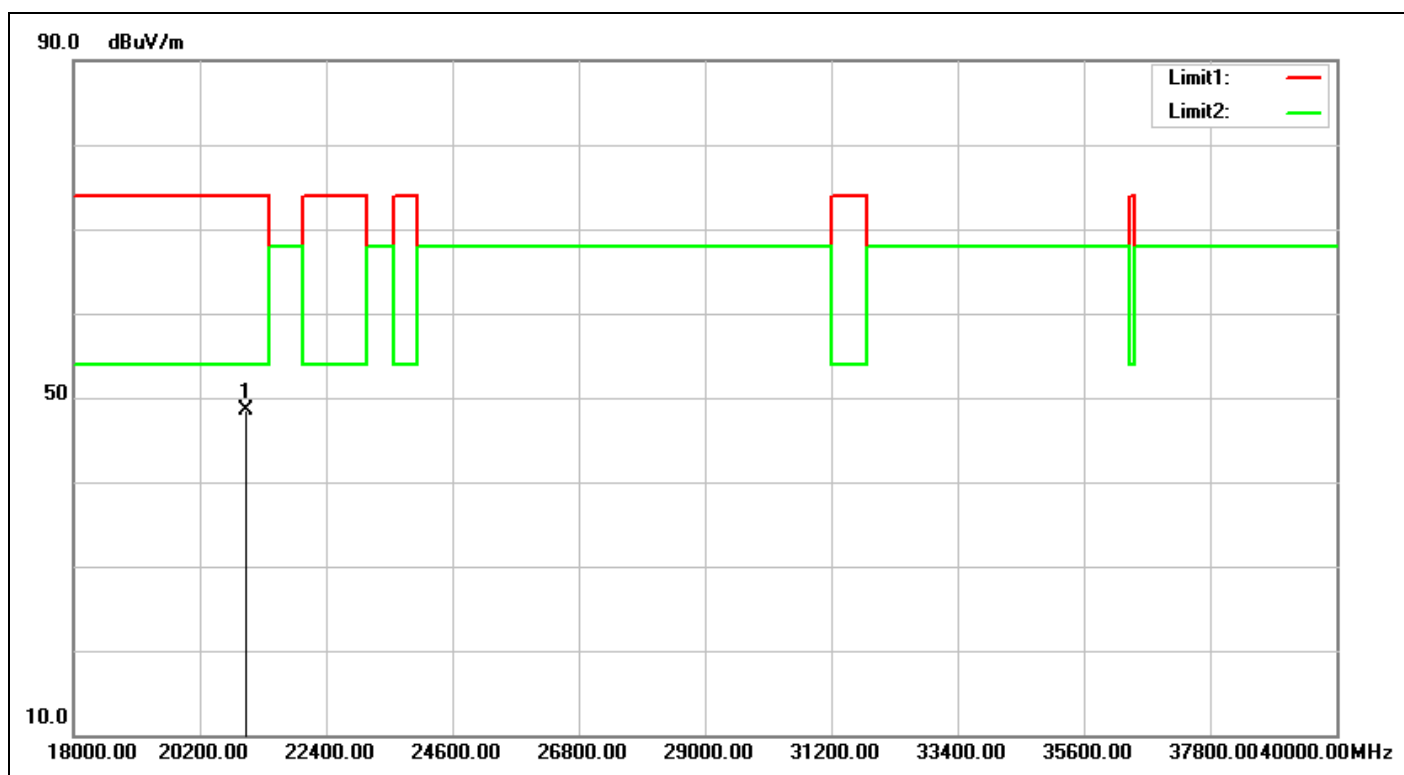
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:02:46
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



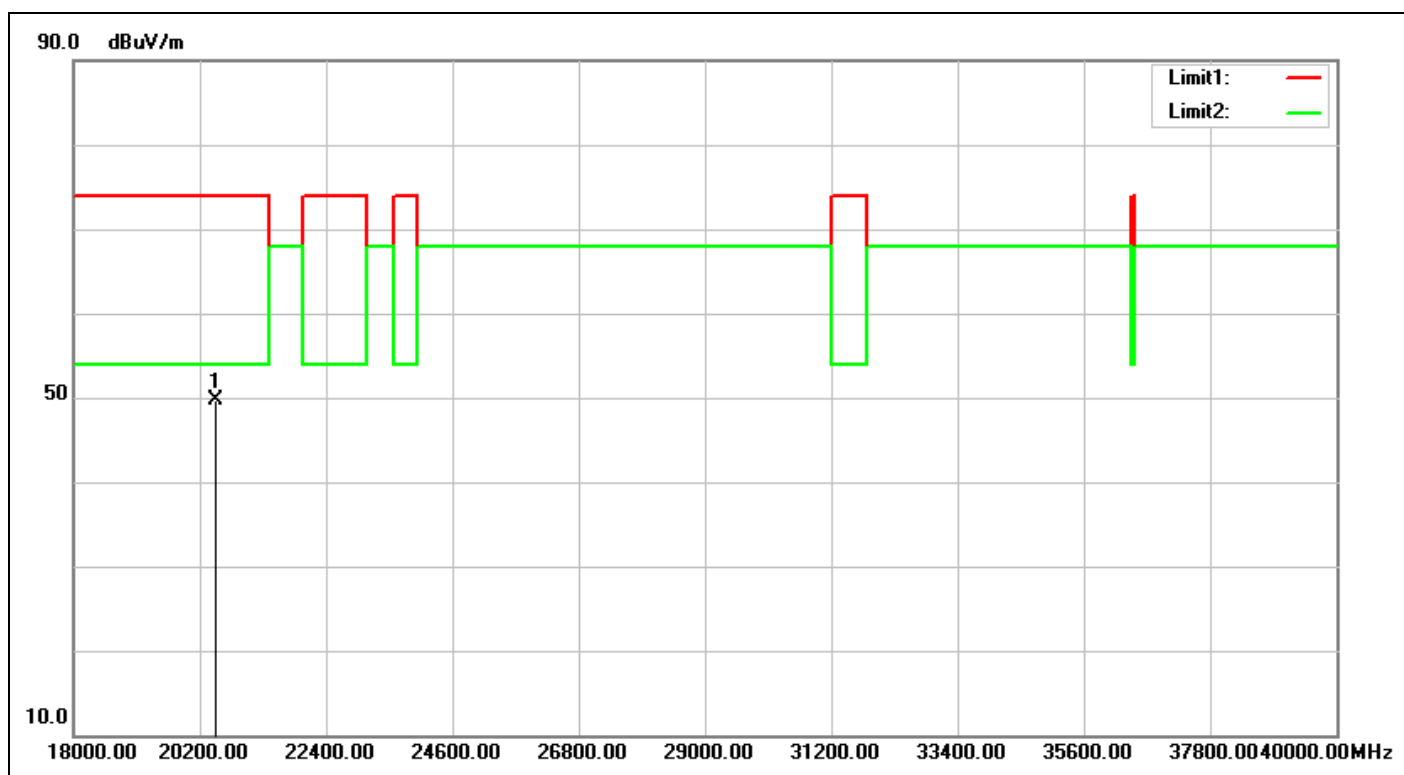
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:02:53
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	22(°C)/65%
Model No.: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



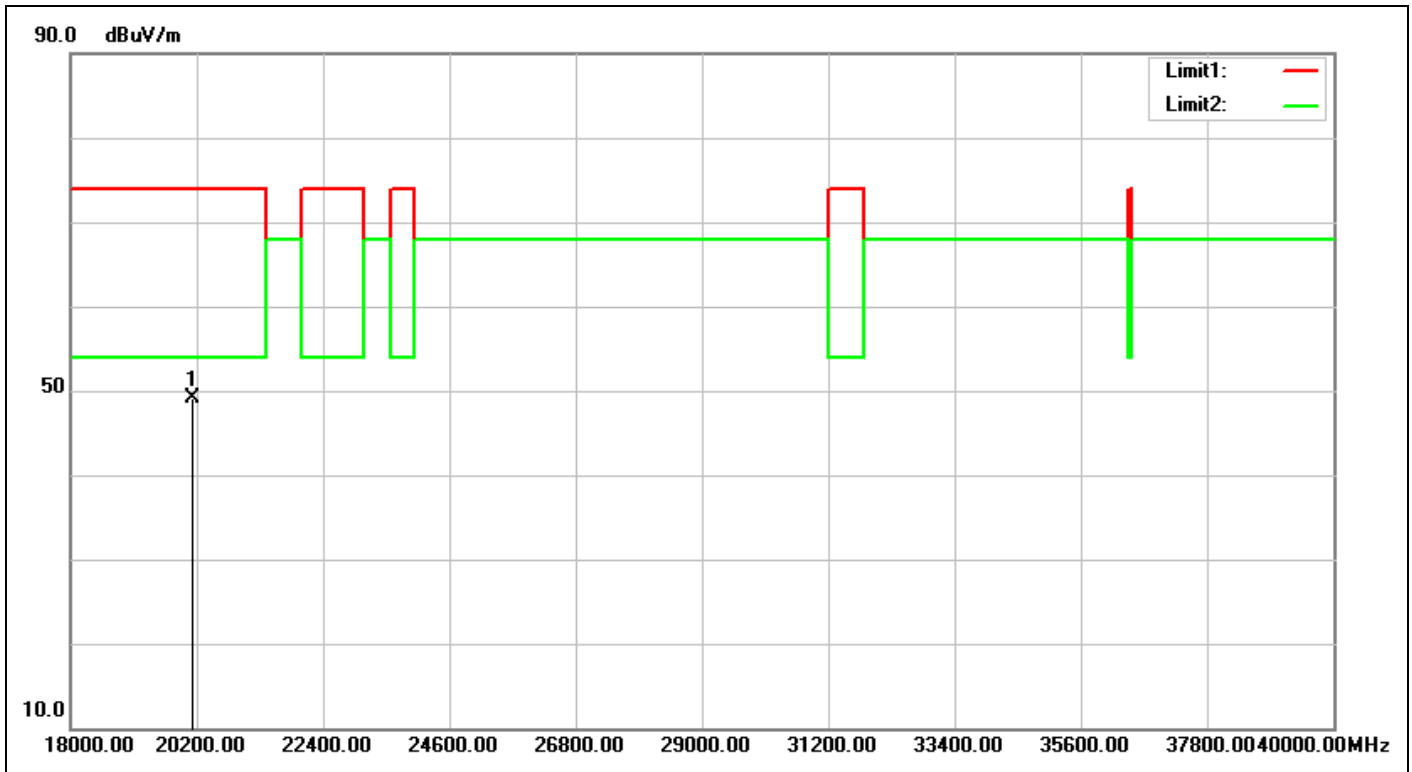
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:03:23
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



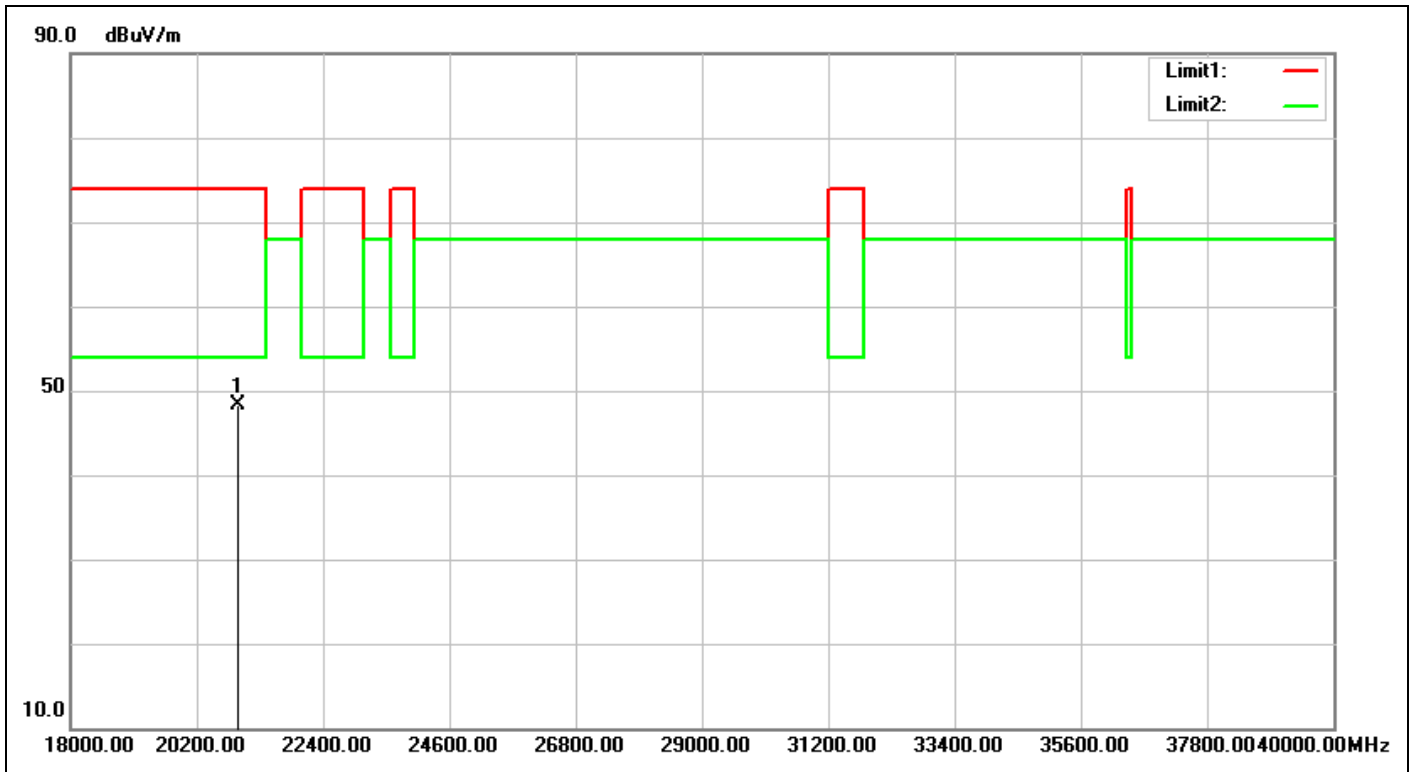
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:03:30
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



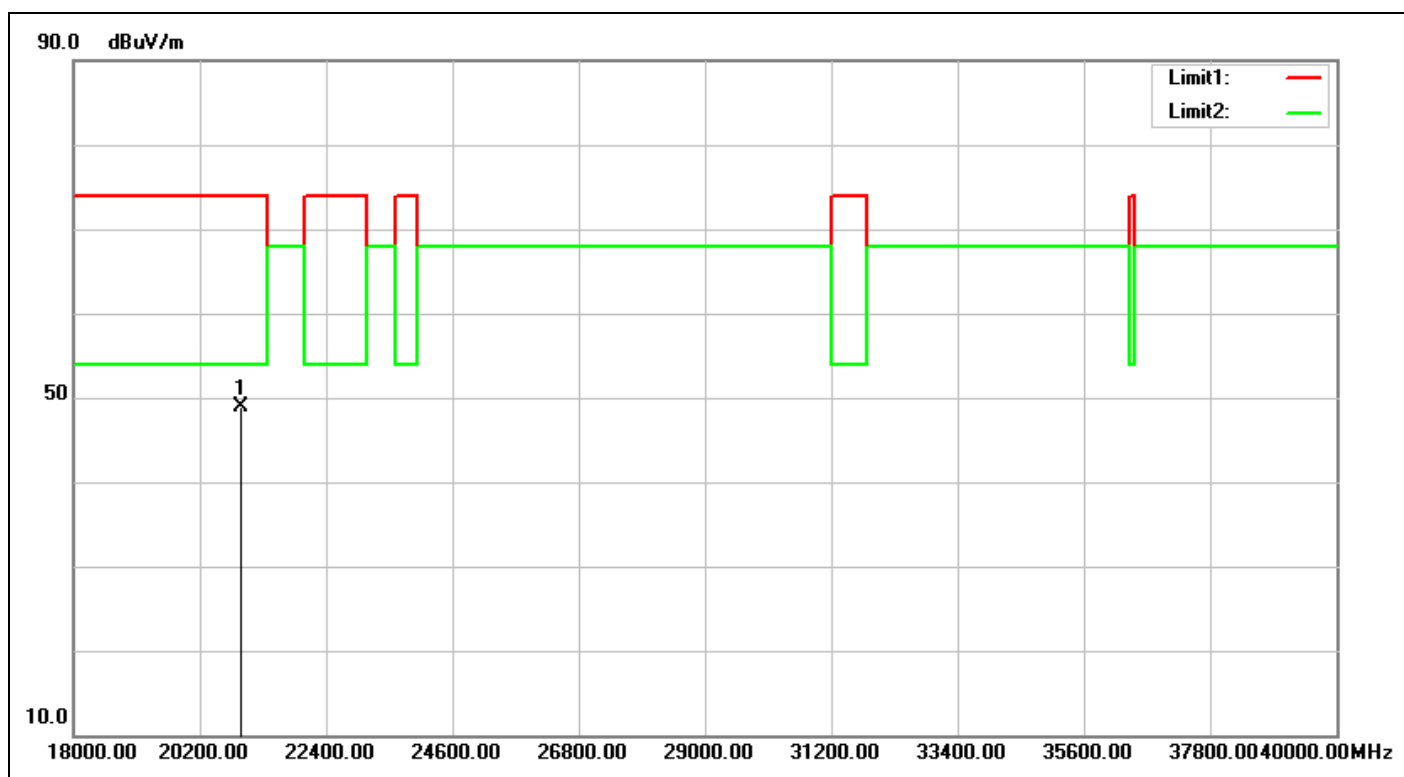
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:03:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	22(°C)/65%
Model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



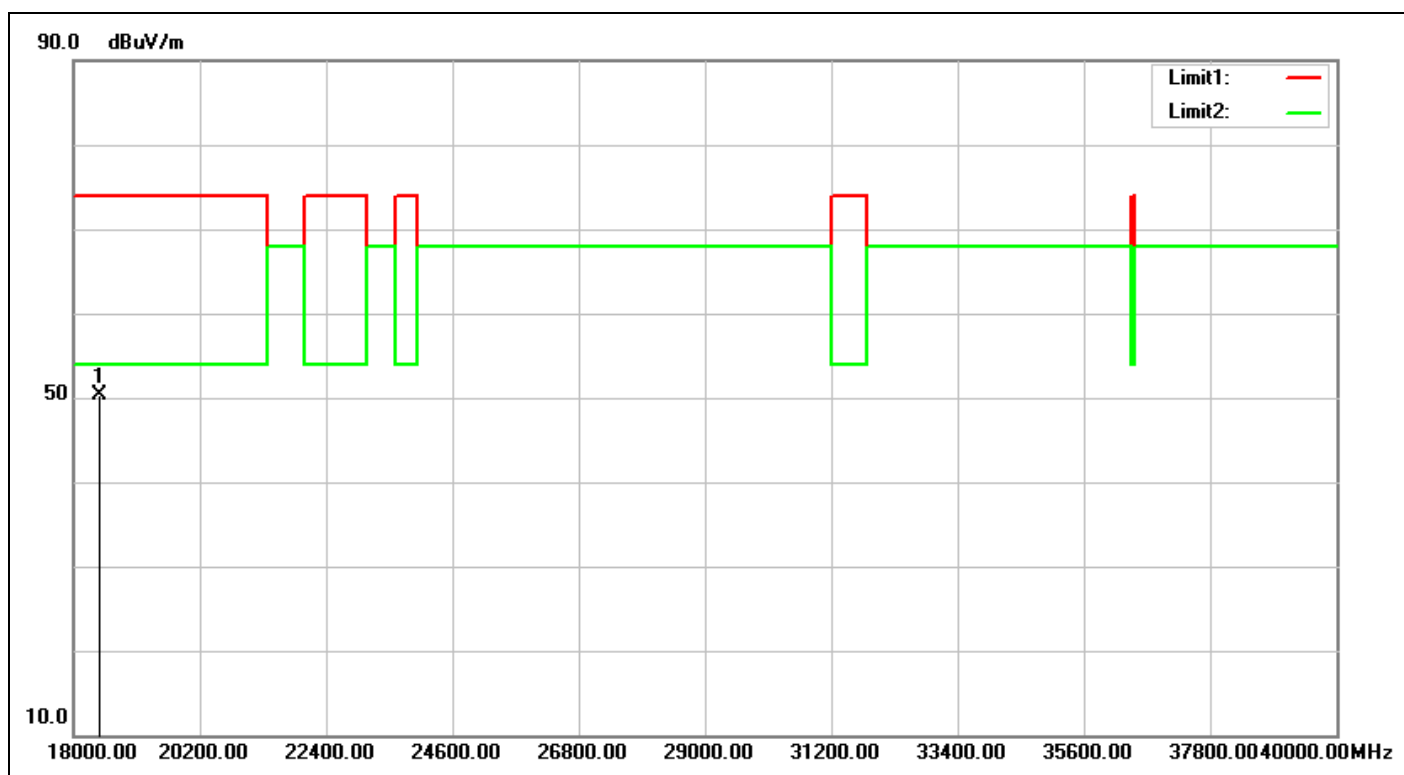
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:04:05
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



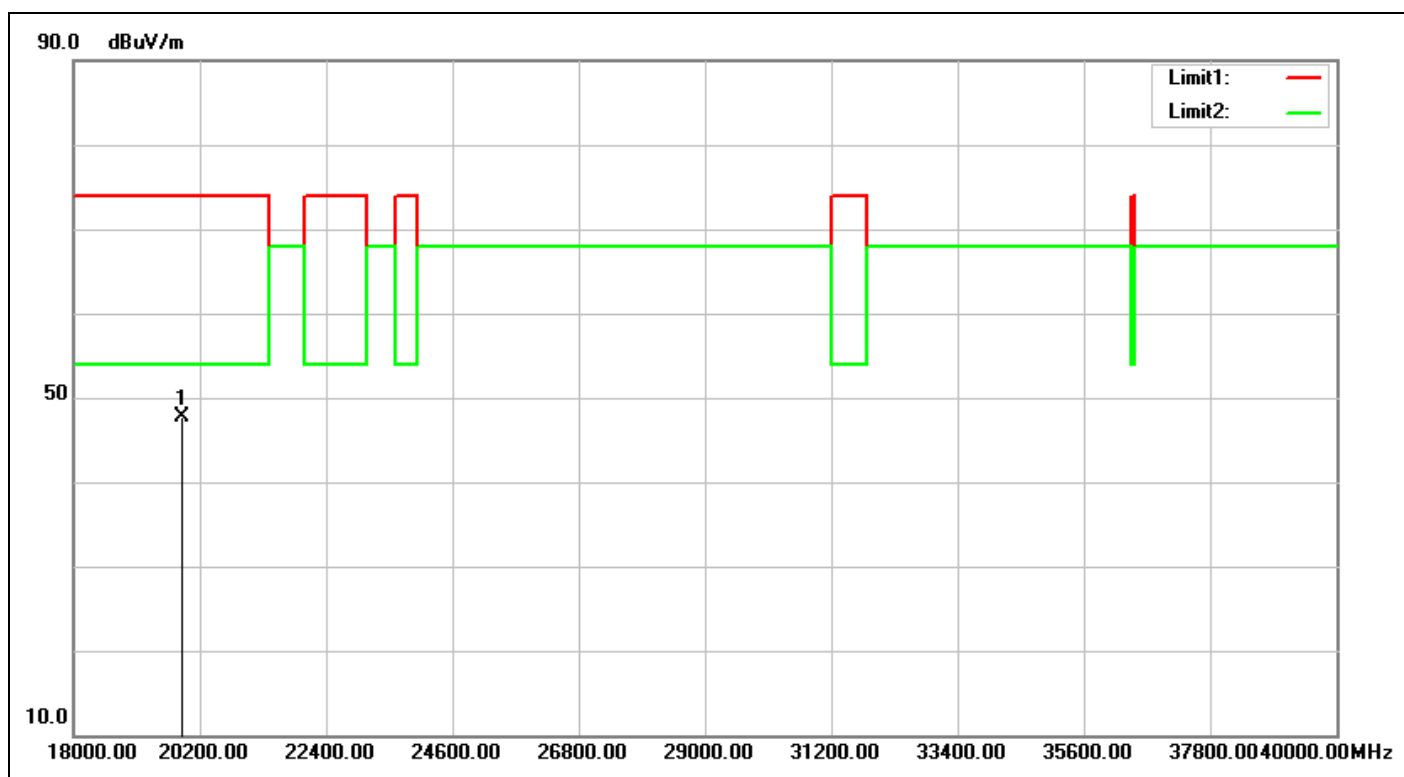
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:04:53
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



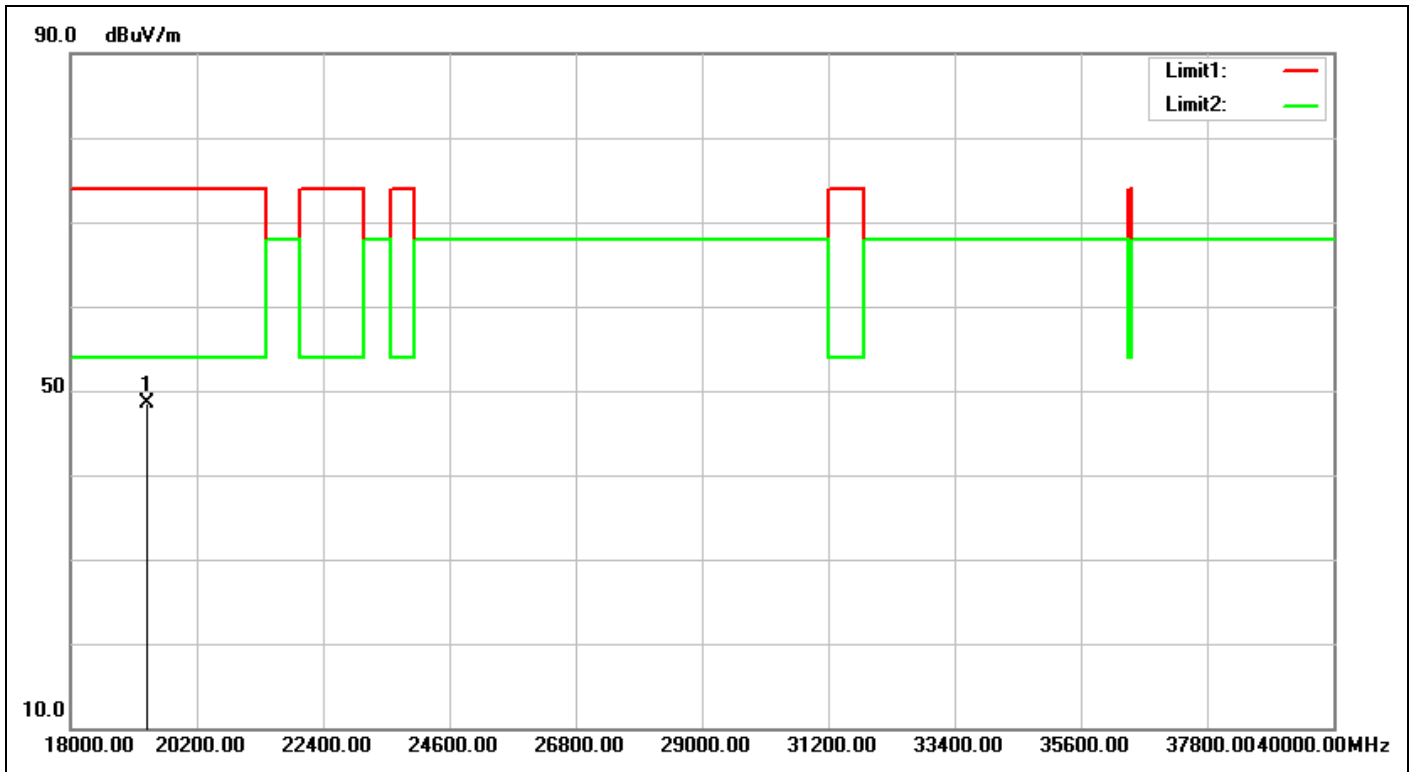
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:04:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



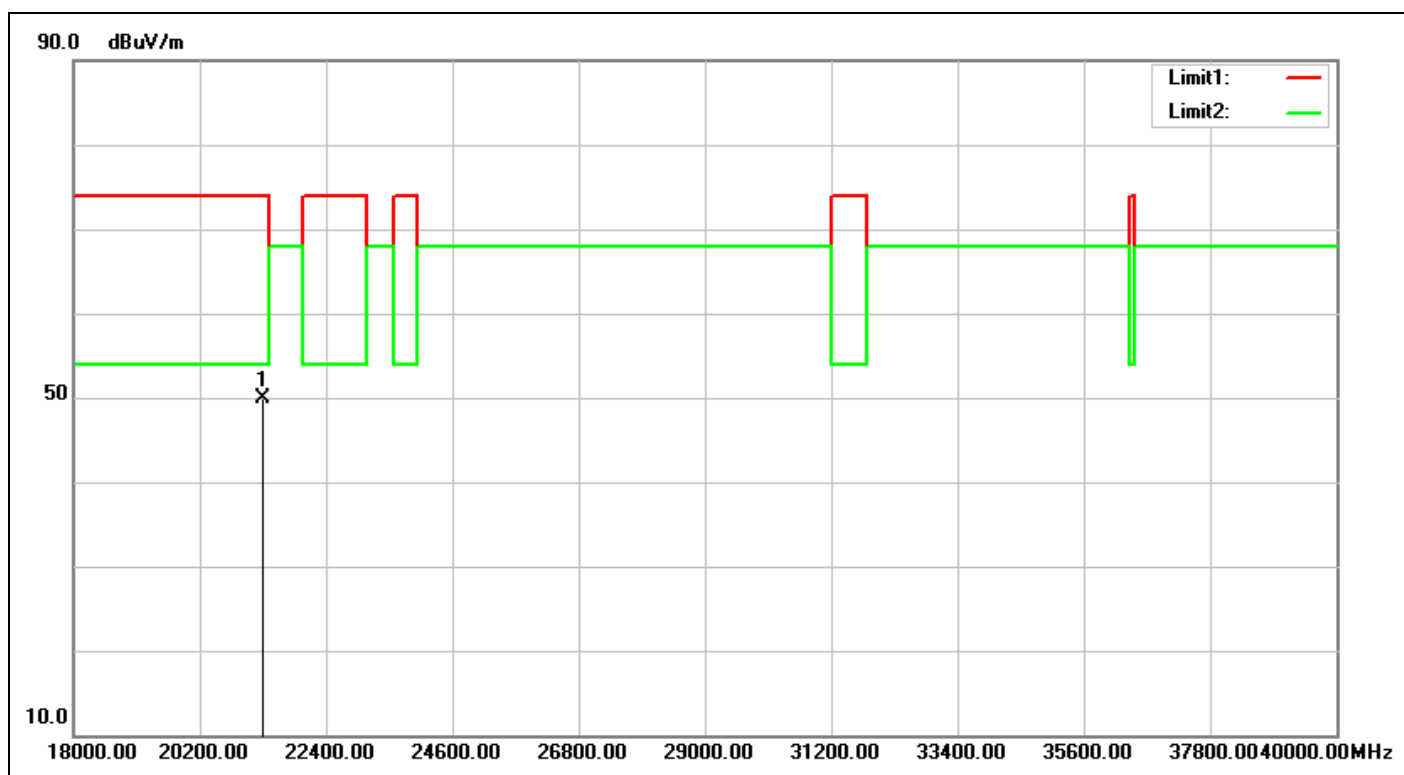
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/30 19:17:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	23(°C)/65%
Model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



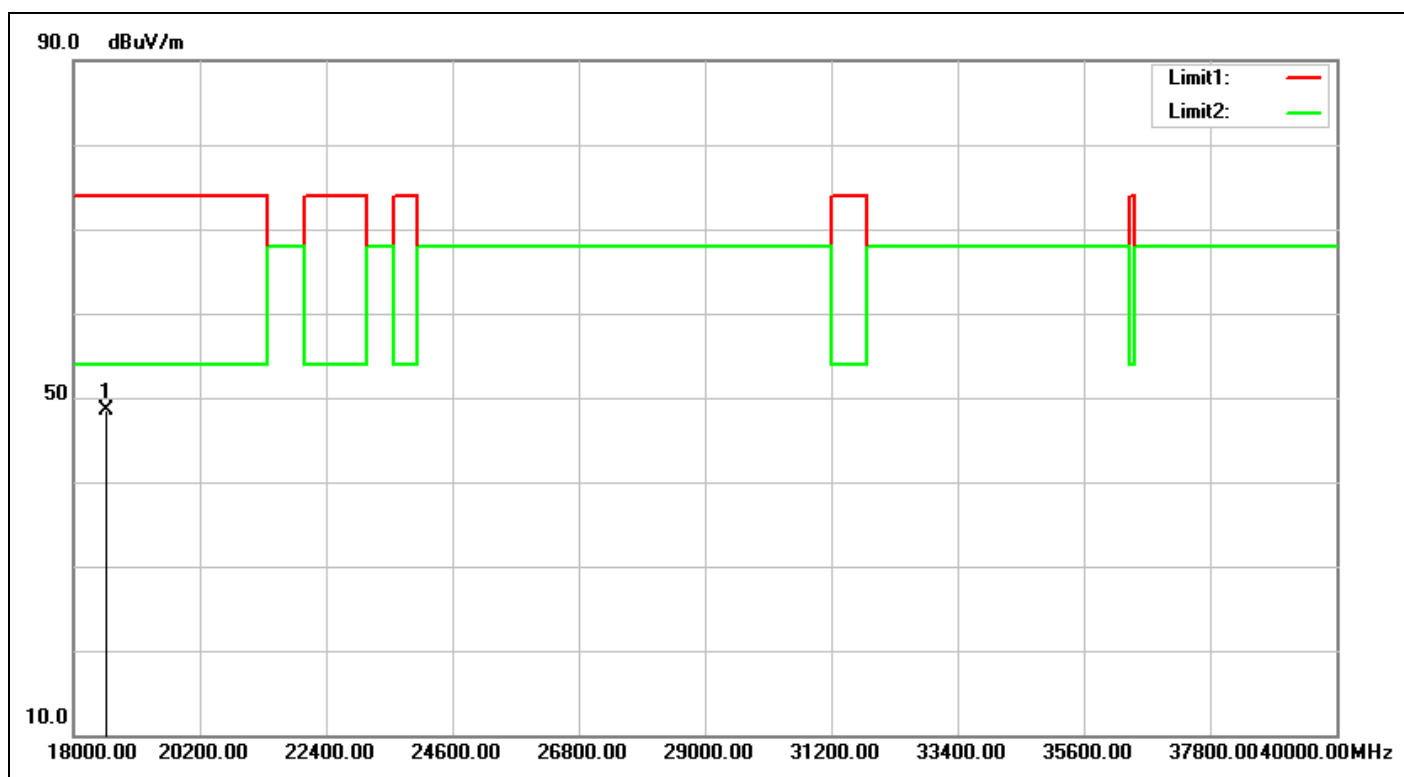
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/30 19:17:25
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	23(°C)/65%
Model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



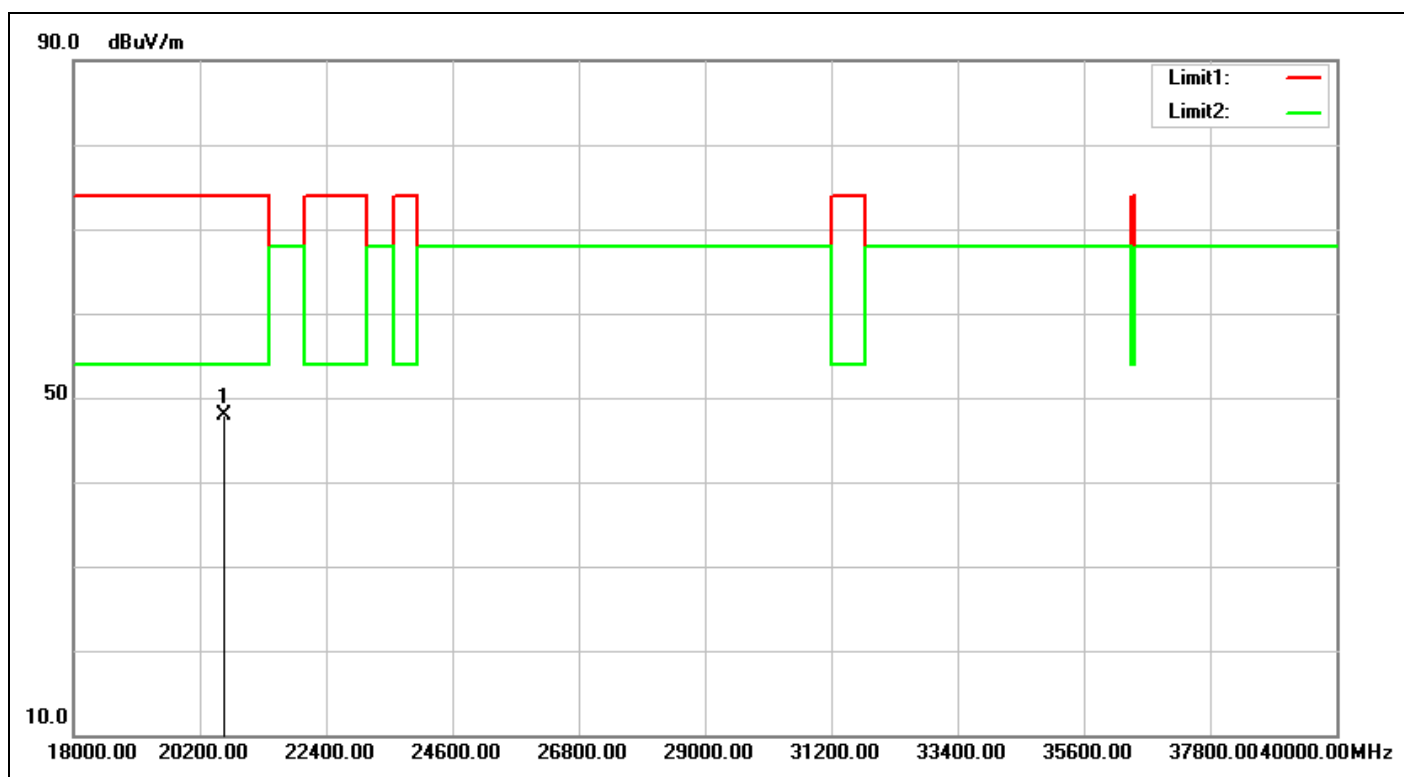
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:05:30
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



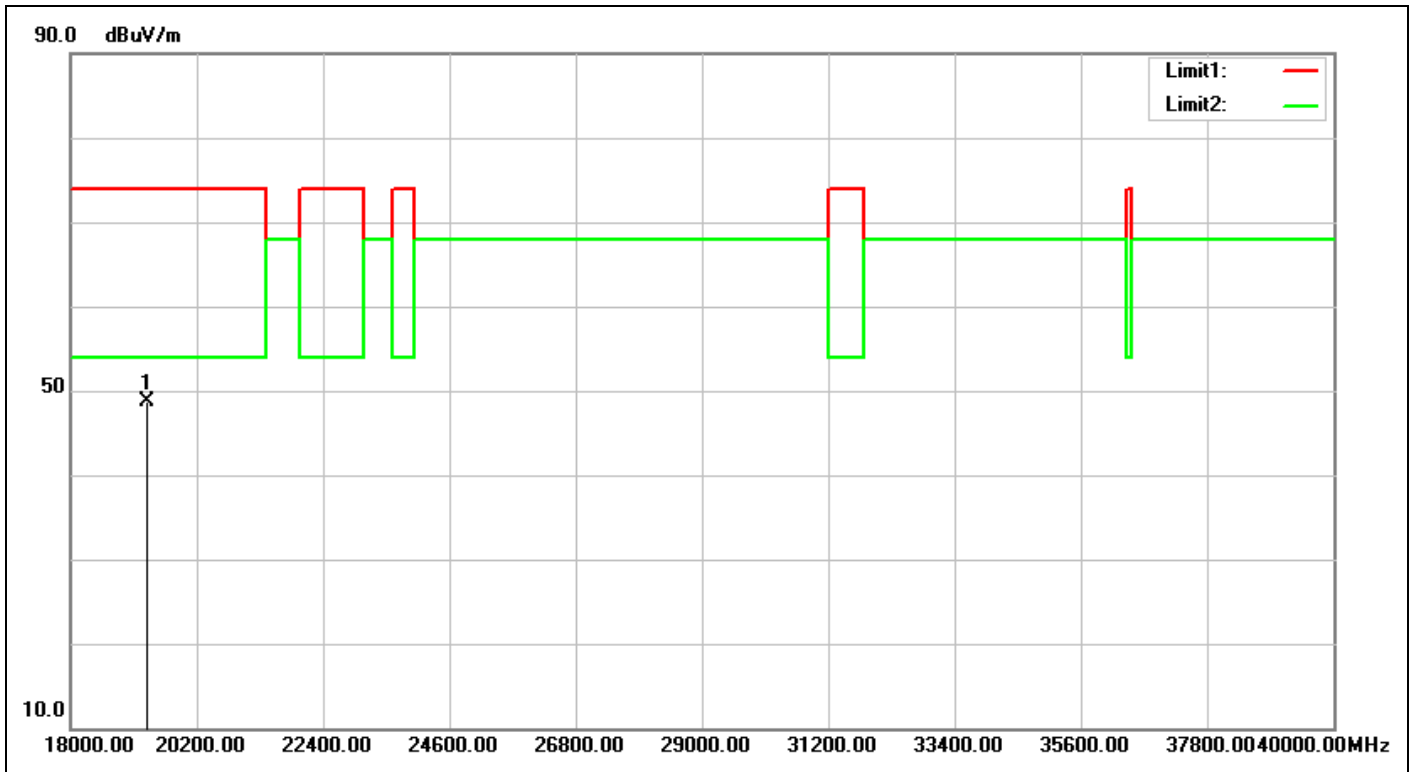
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:05:37
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



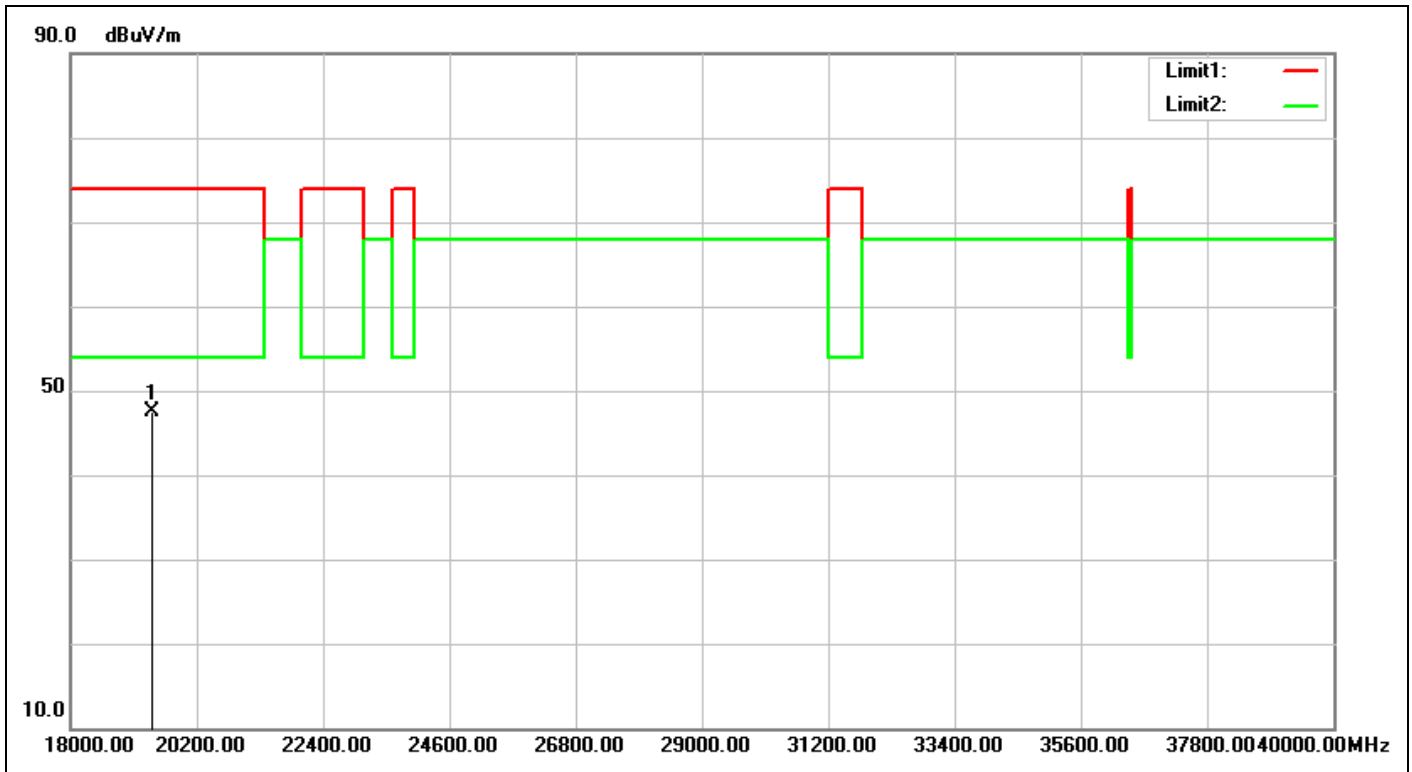
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:06:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



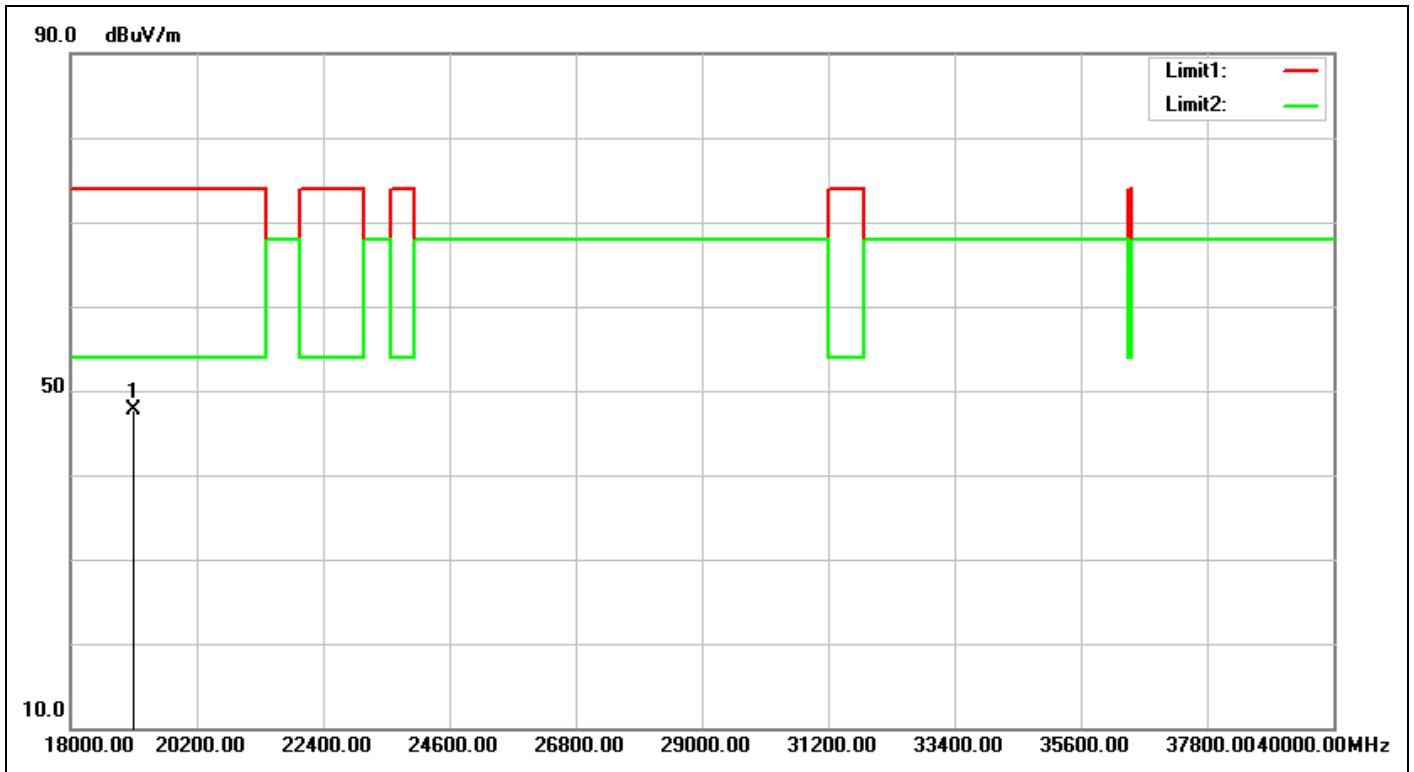
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:06:25
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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

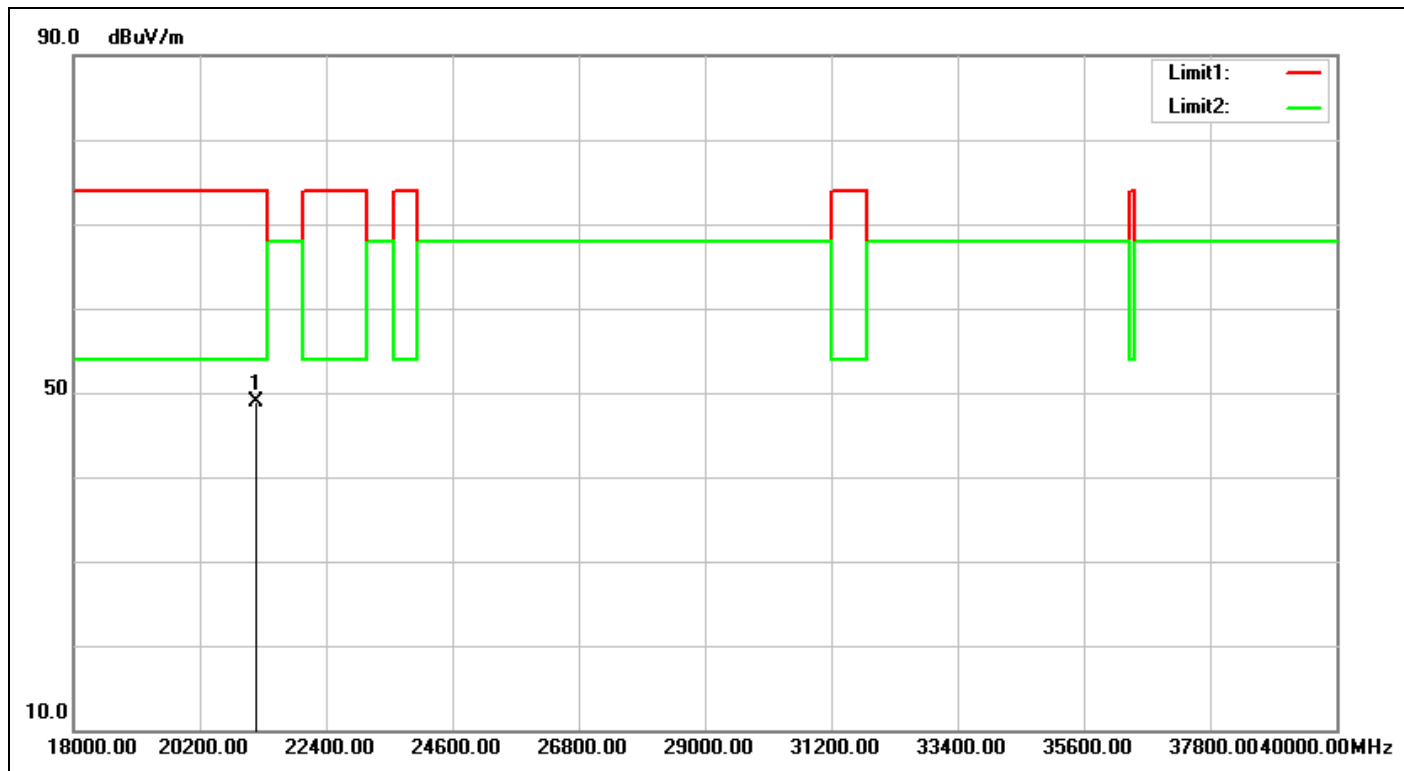
Spurious Emissions, TX Mode, 18-40G, Straddle Channel



TUV Rheinland Taiwan Ltd.

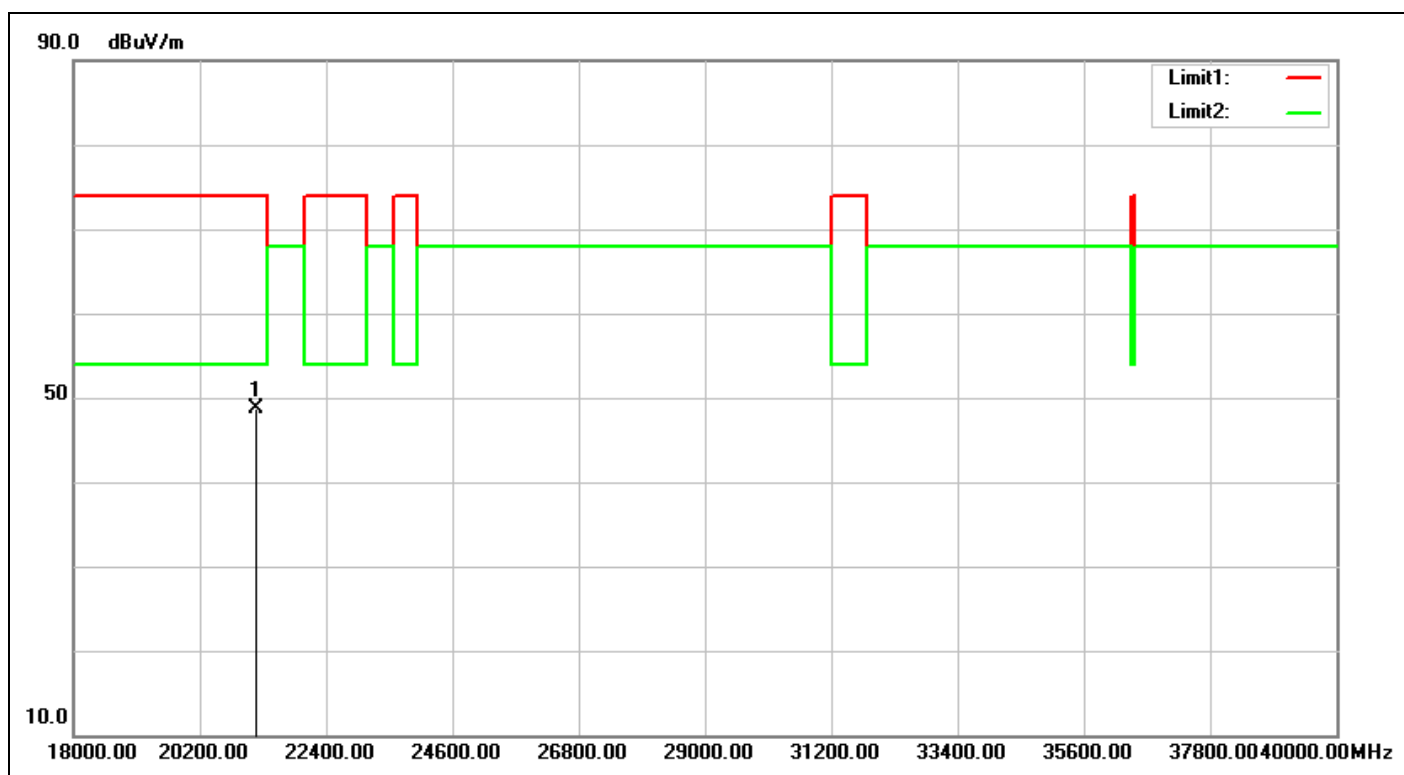
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



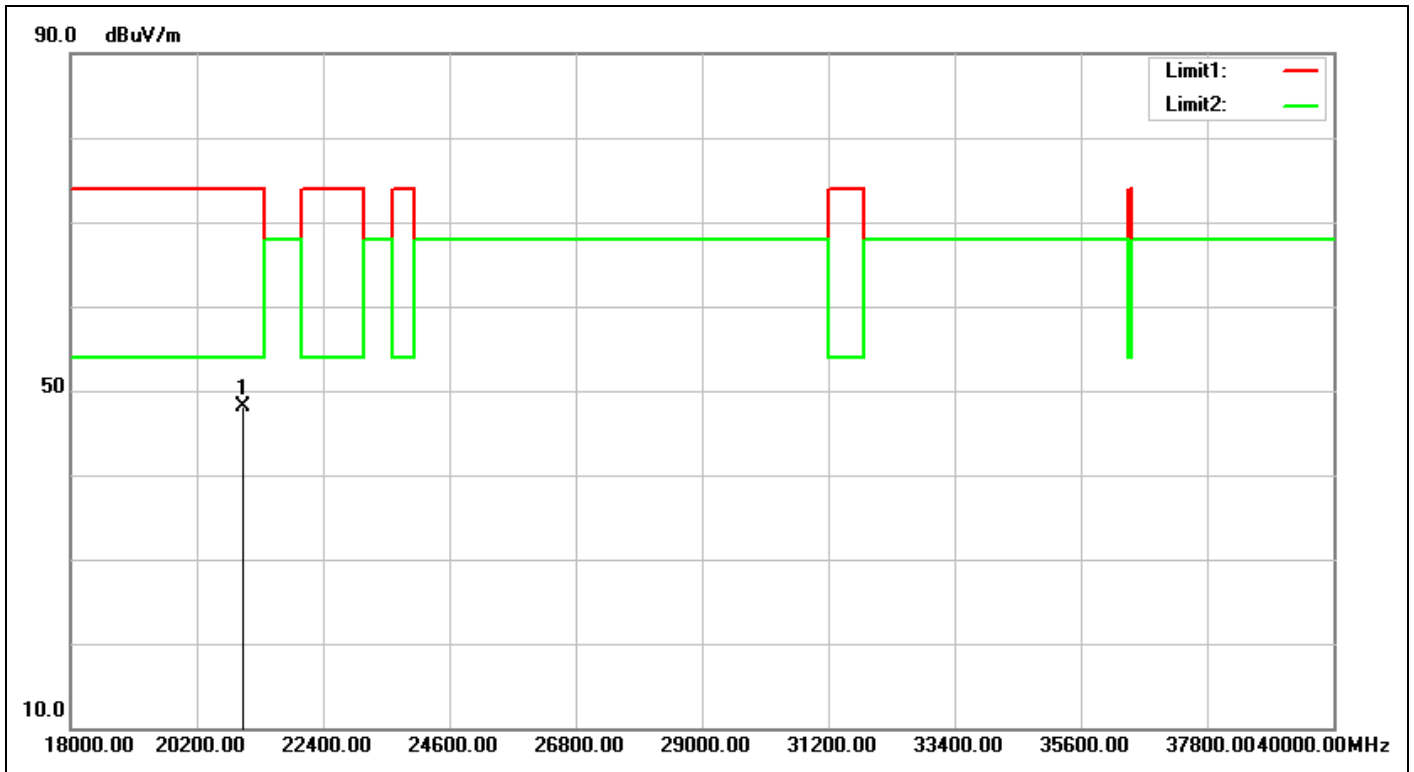
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/20 01:28:11
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



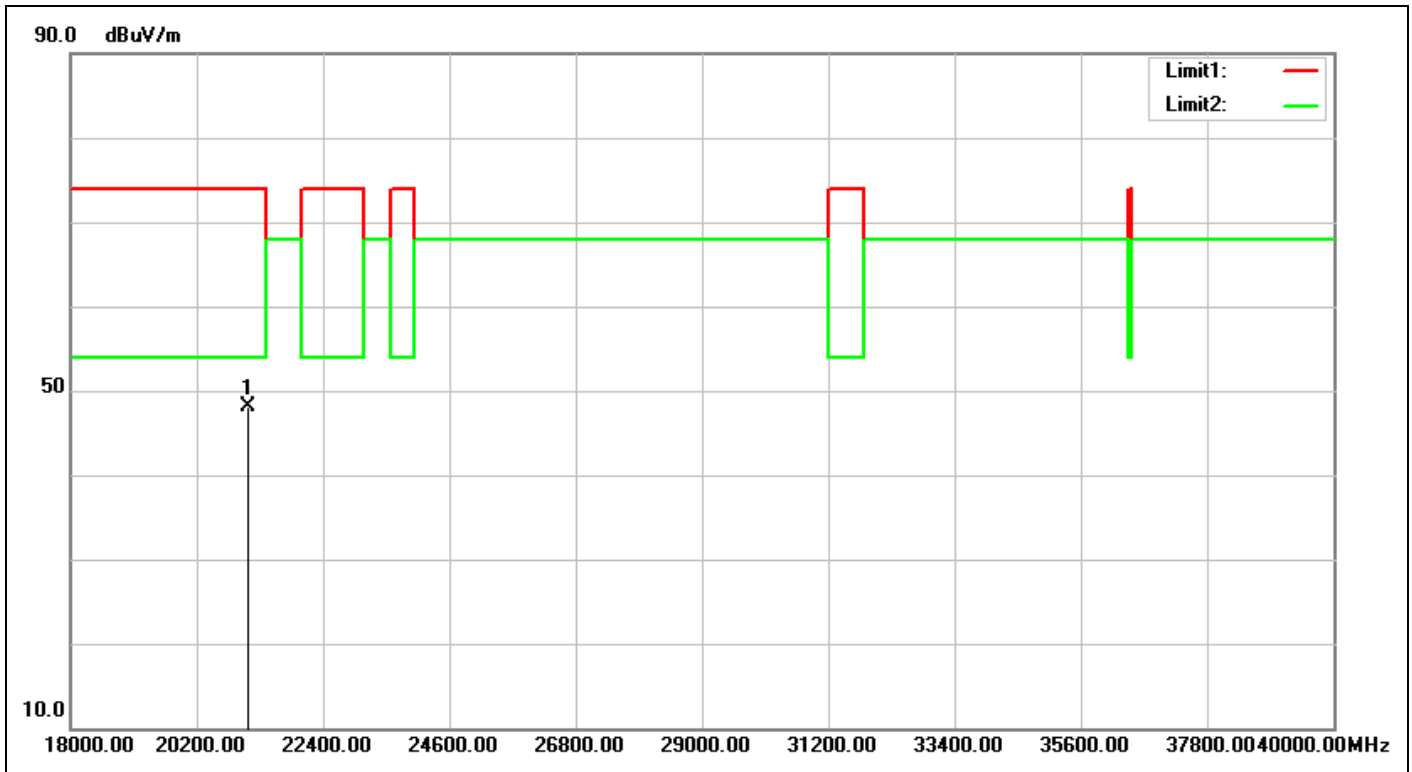
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/20 01:28:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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



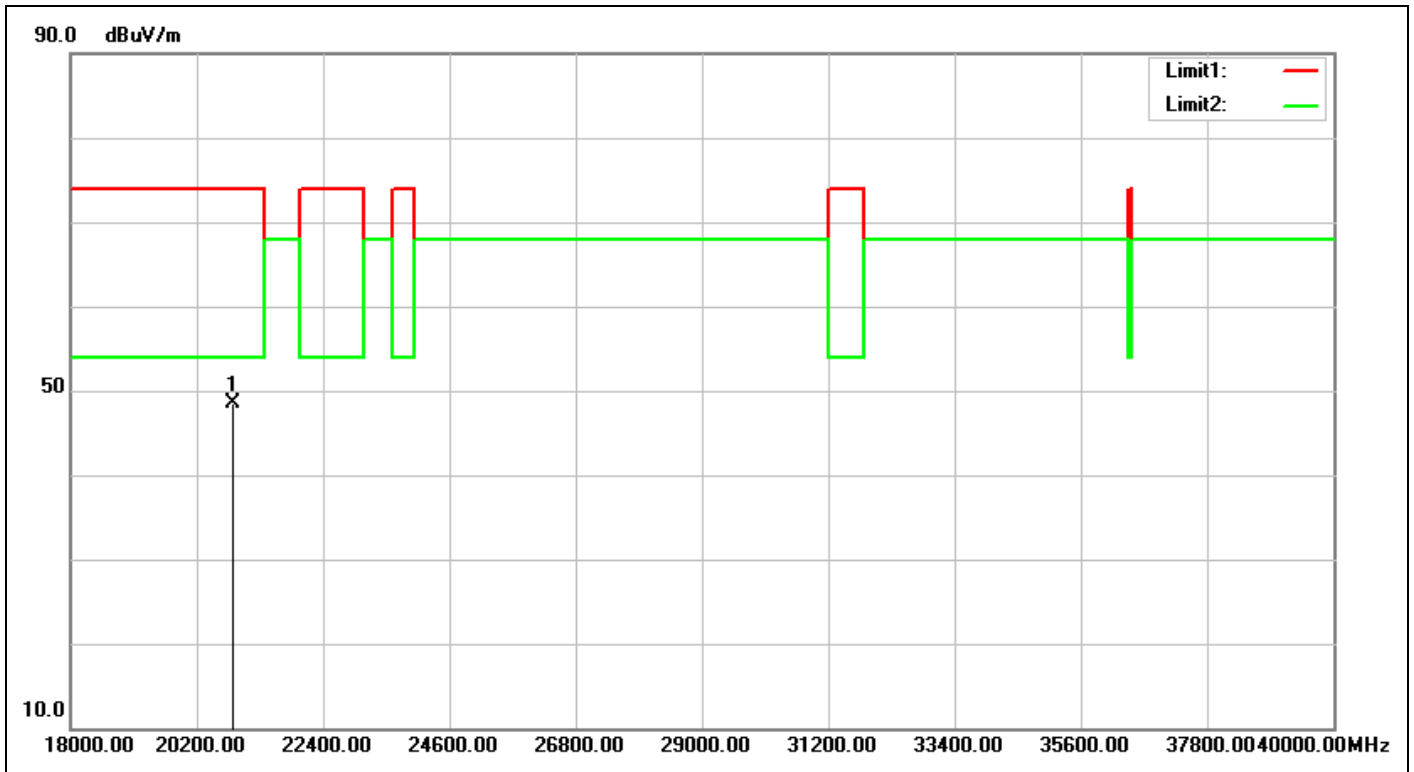
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/20 01:30:33
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model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



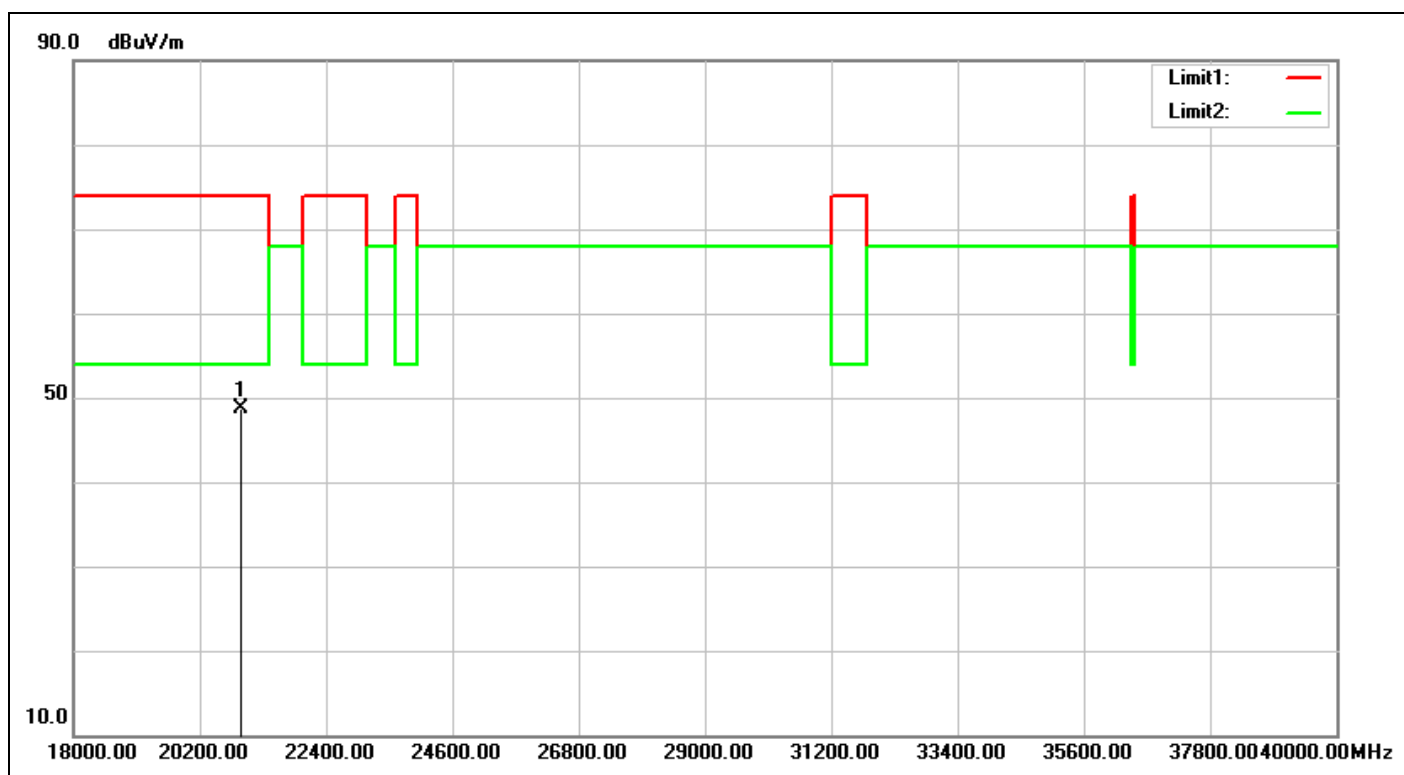
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/20 01:30:40
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model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



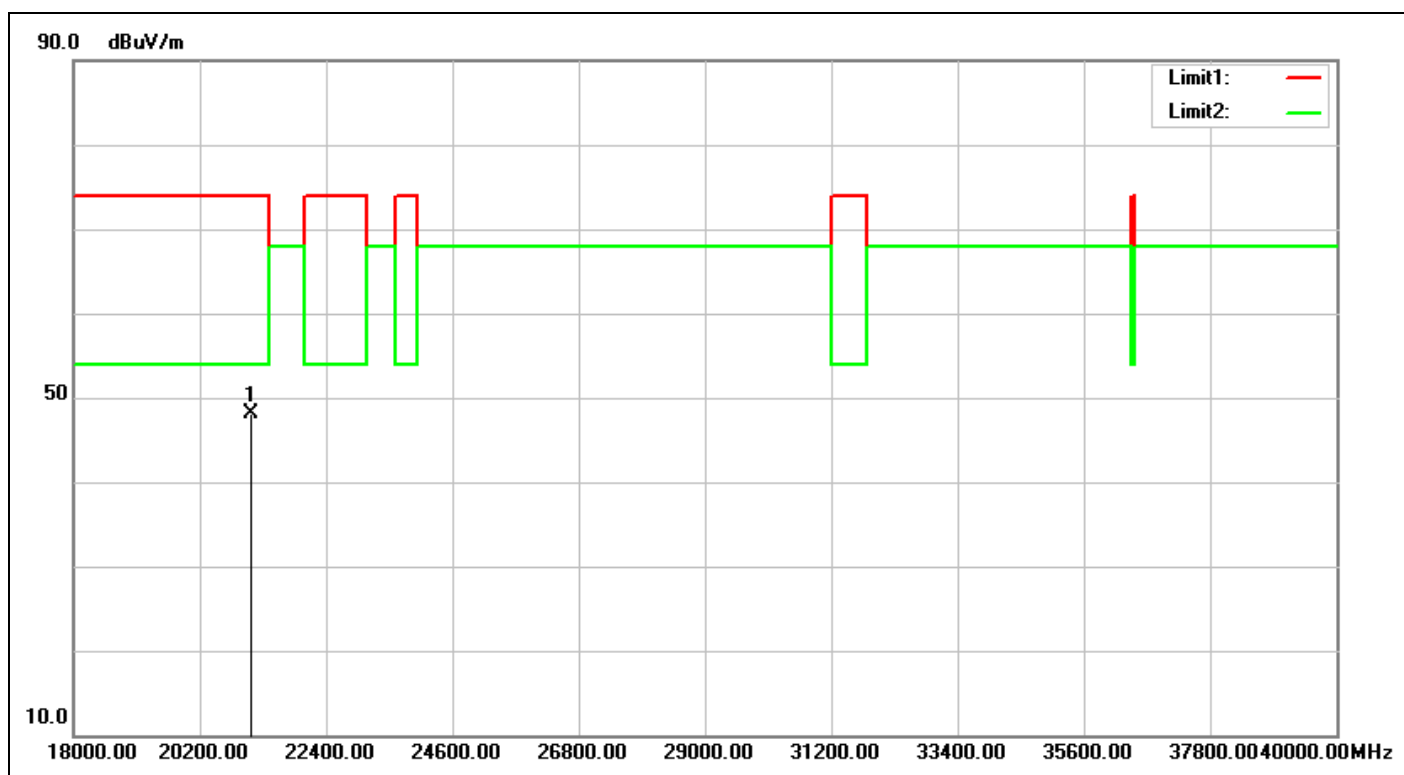
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/20 01:32:46
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



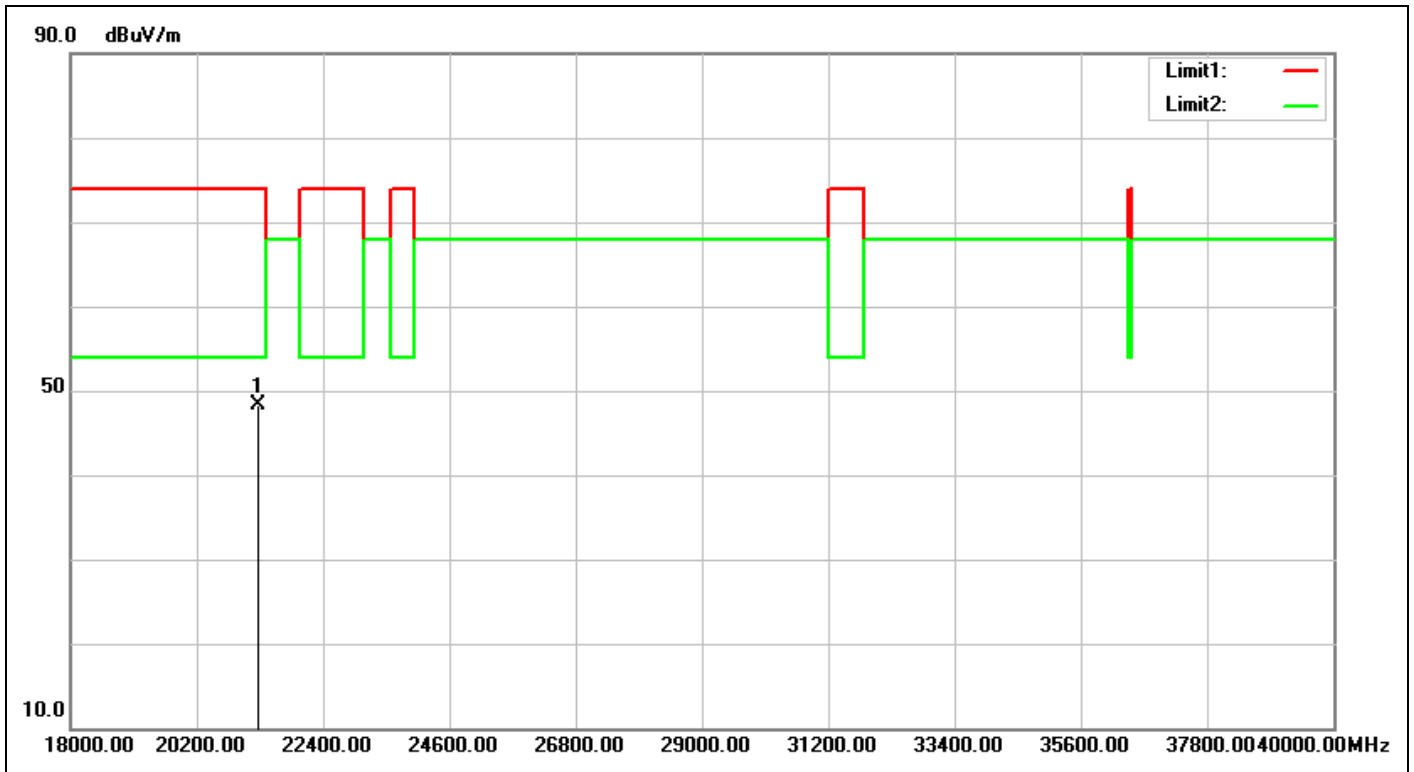
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/20 01:32:53
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model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

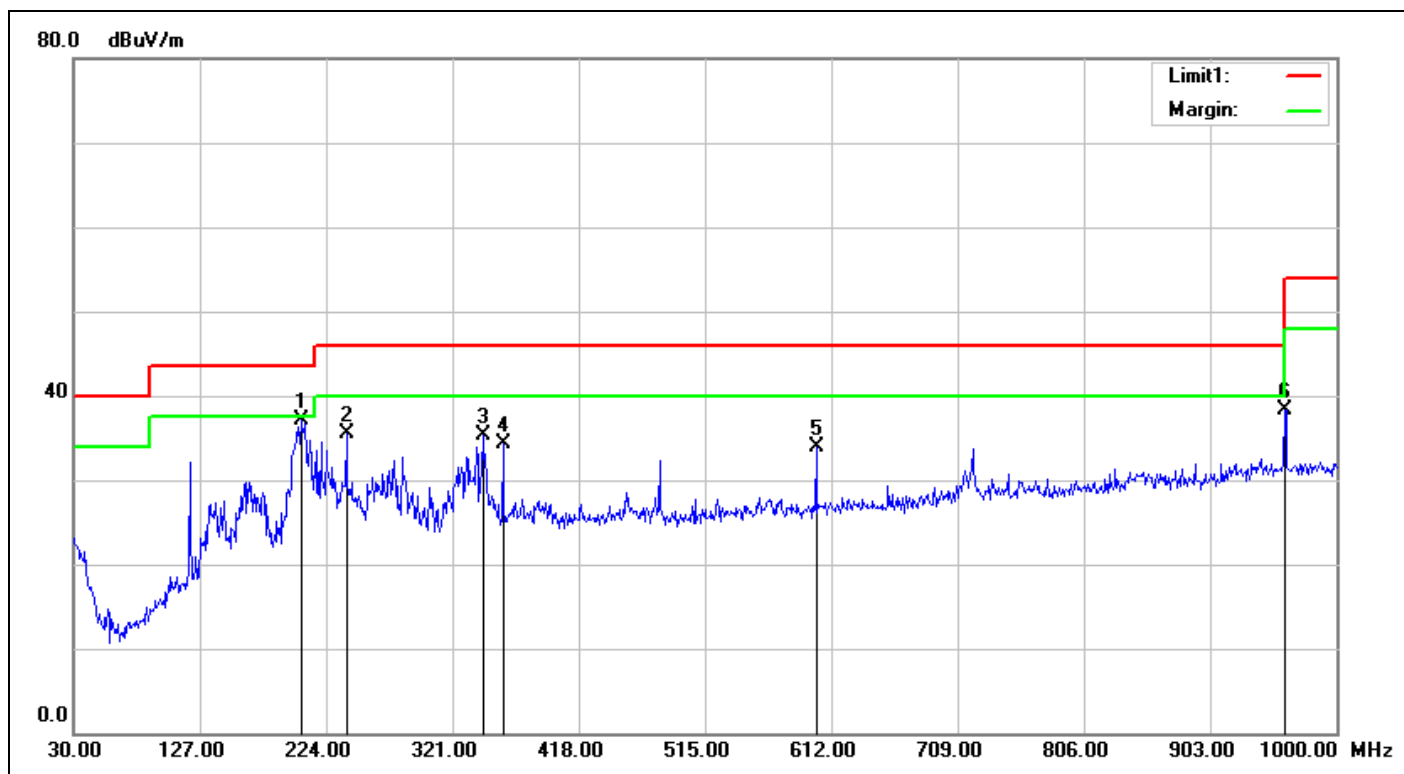
Spurious Emissions, TX Mode, 30M-1G



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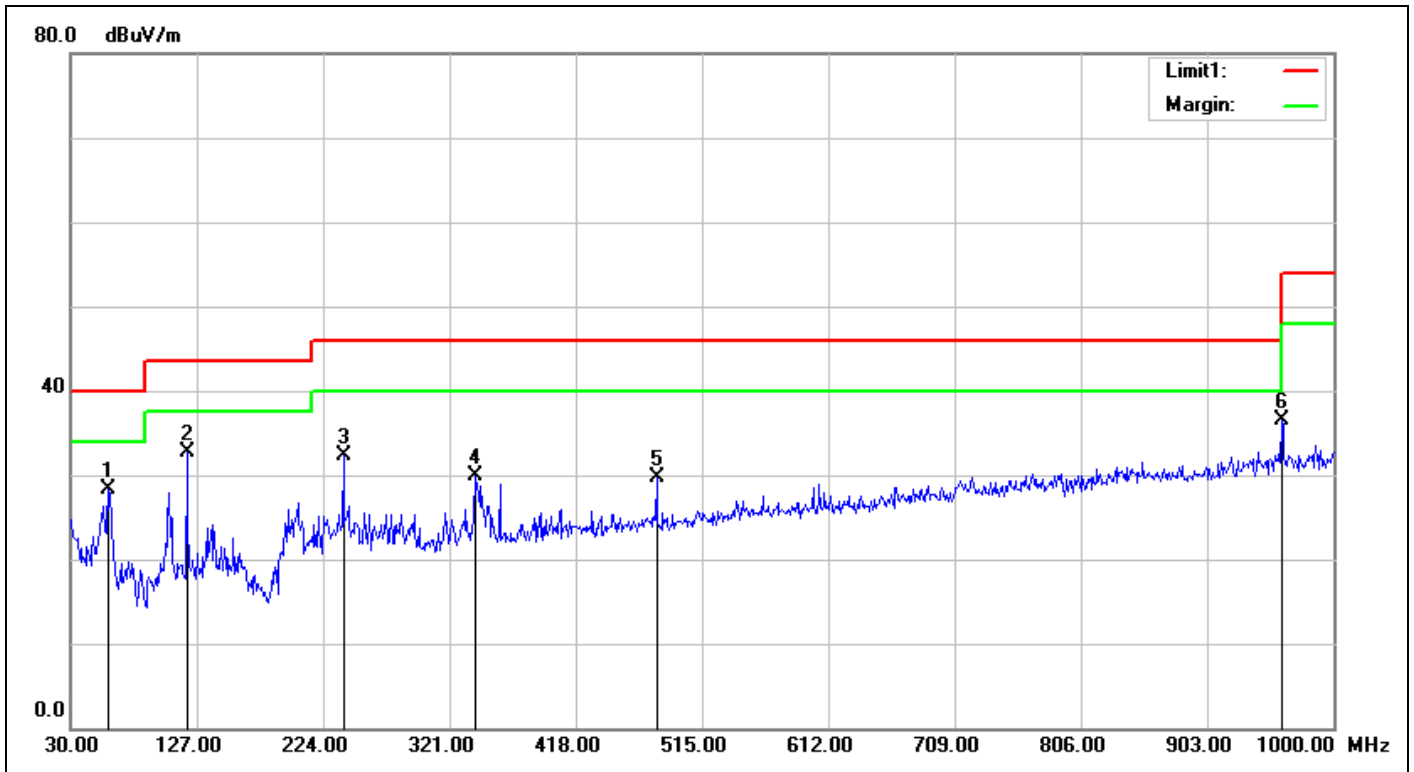
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Tel:+886-2172-7000 fax:+886-2528-0018



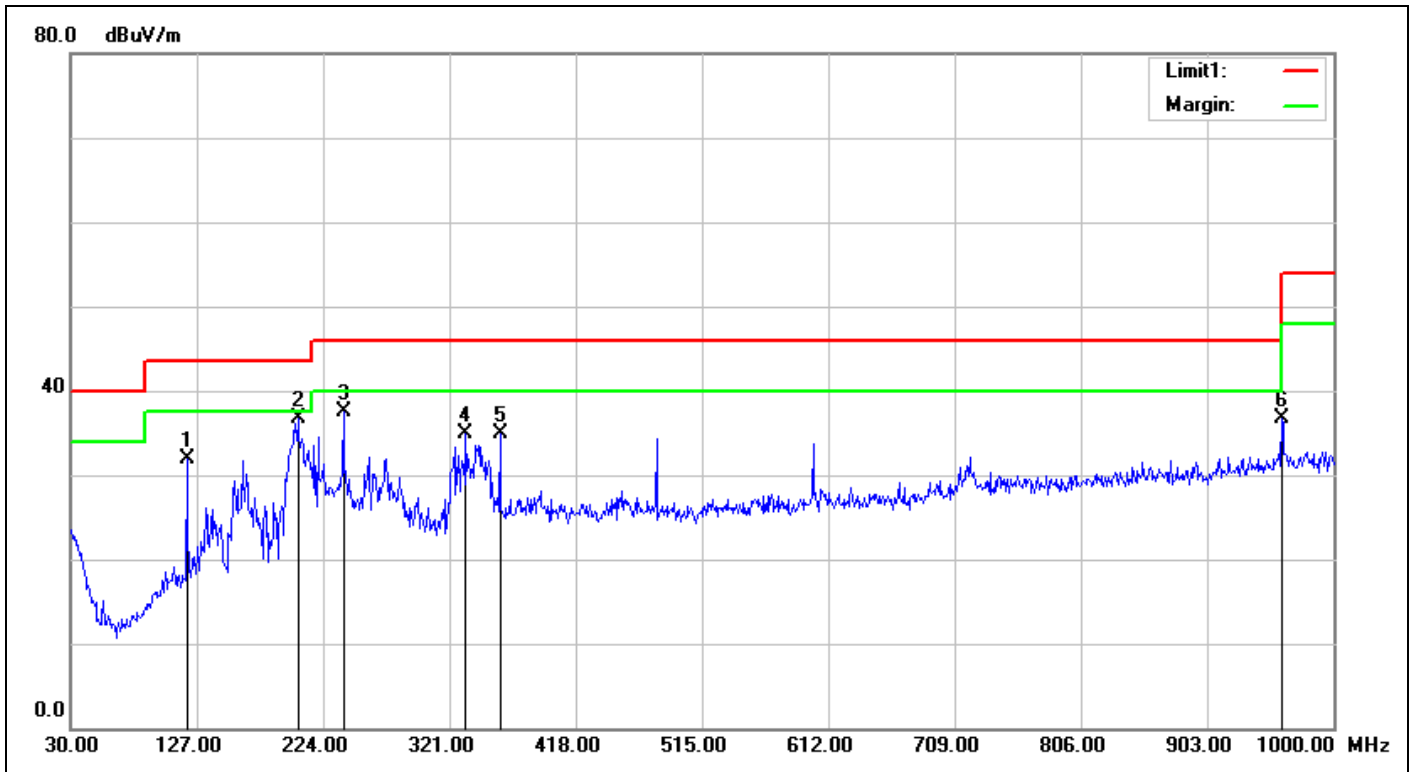
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:59:10
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%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



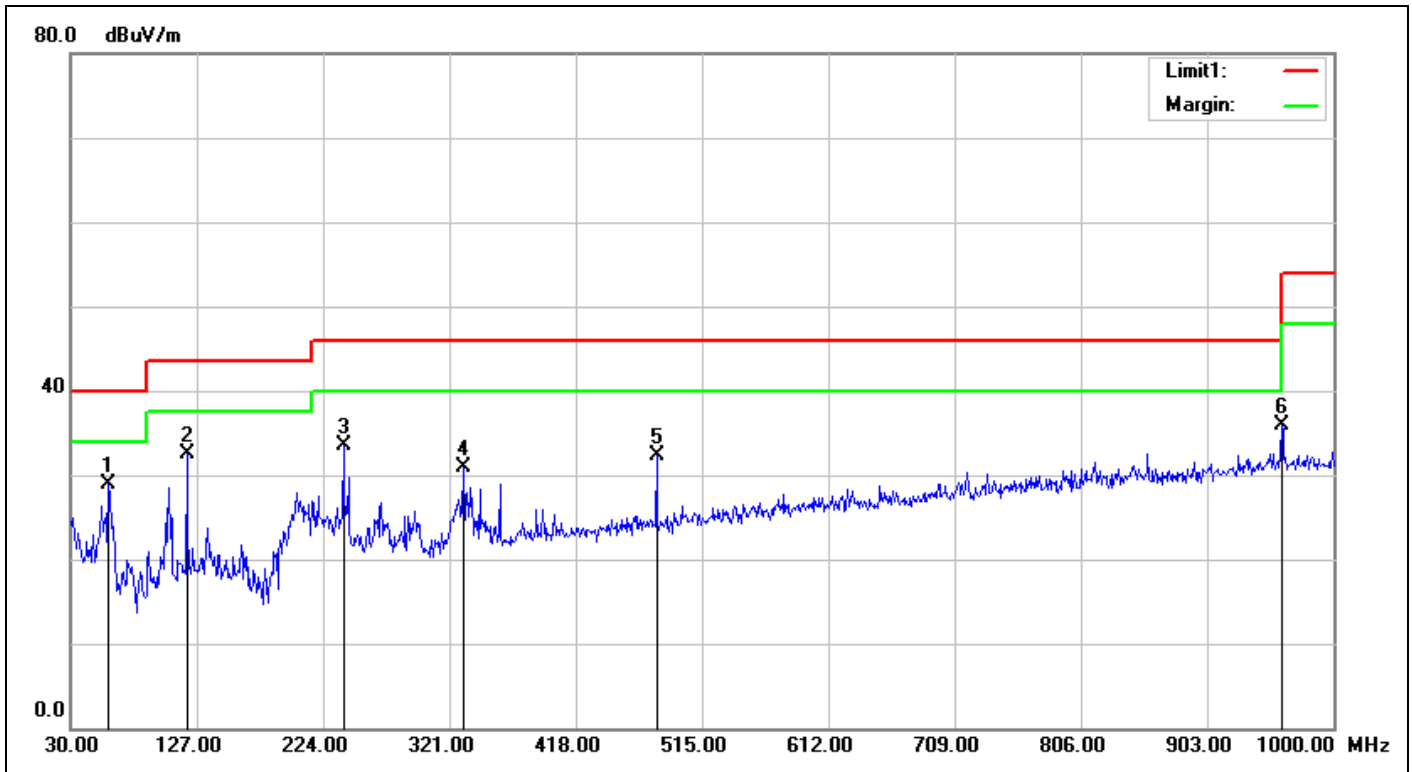
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 01:00:03
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



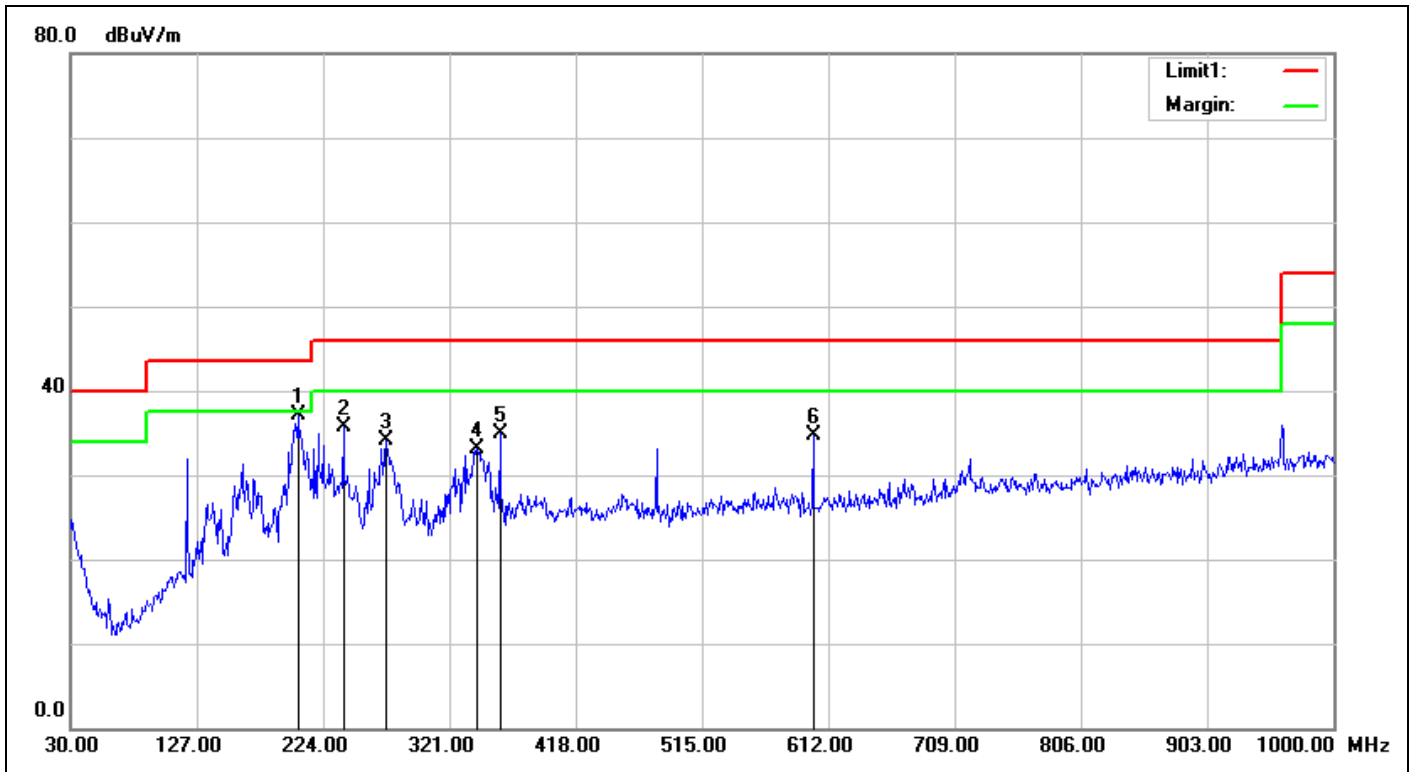
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 01:01:38
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%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



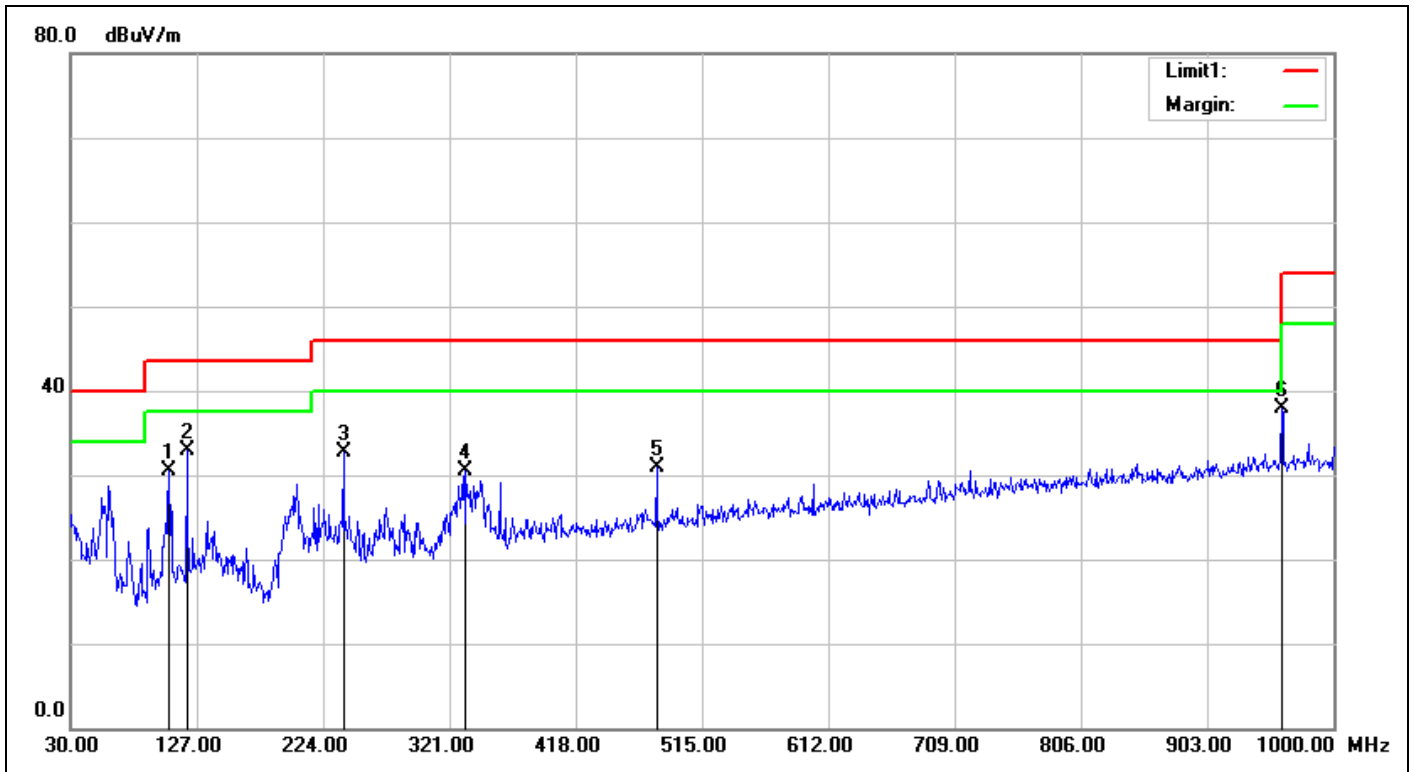
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 01:02:31
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	22(°C)/65%
Model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



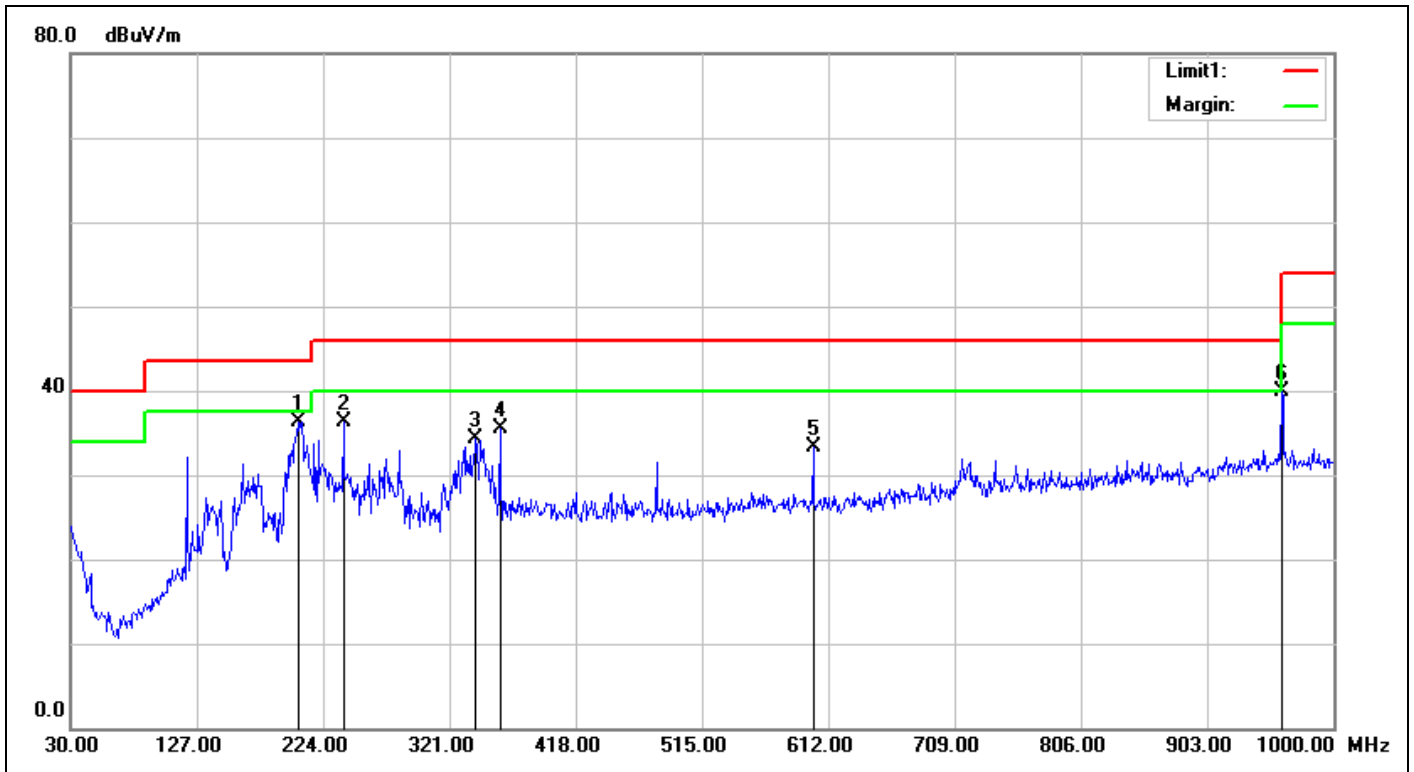
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 01:04:20
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%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



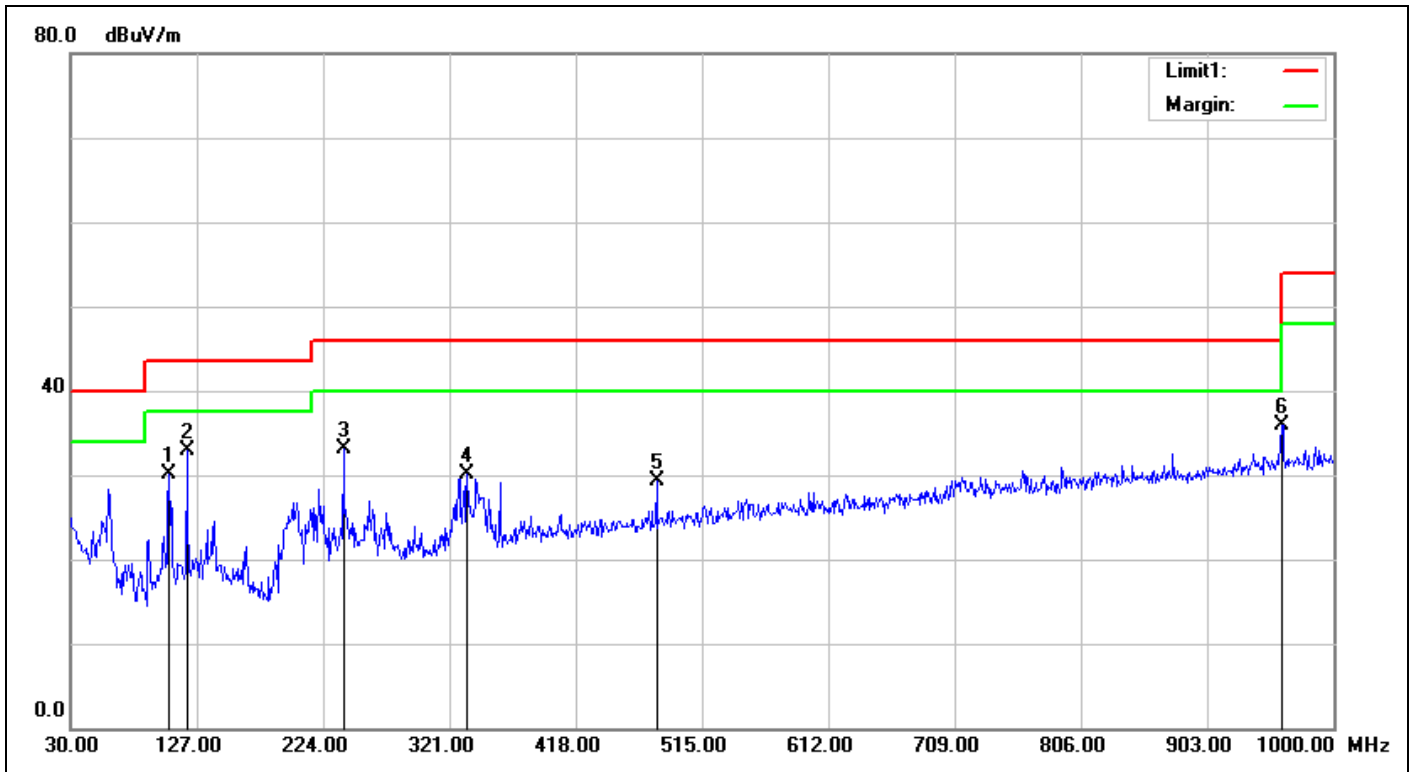
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 01:05:13
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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

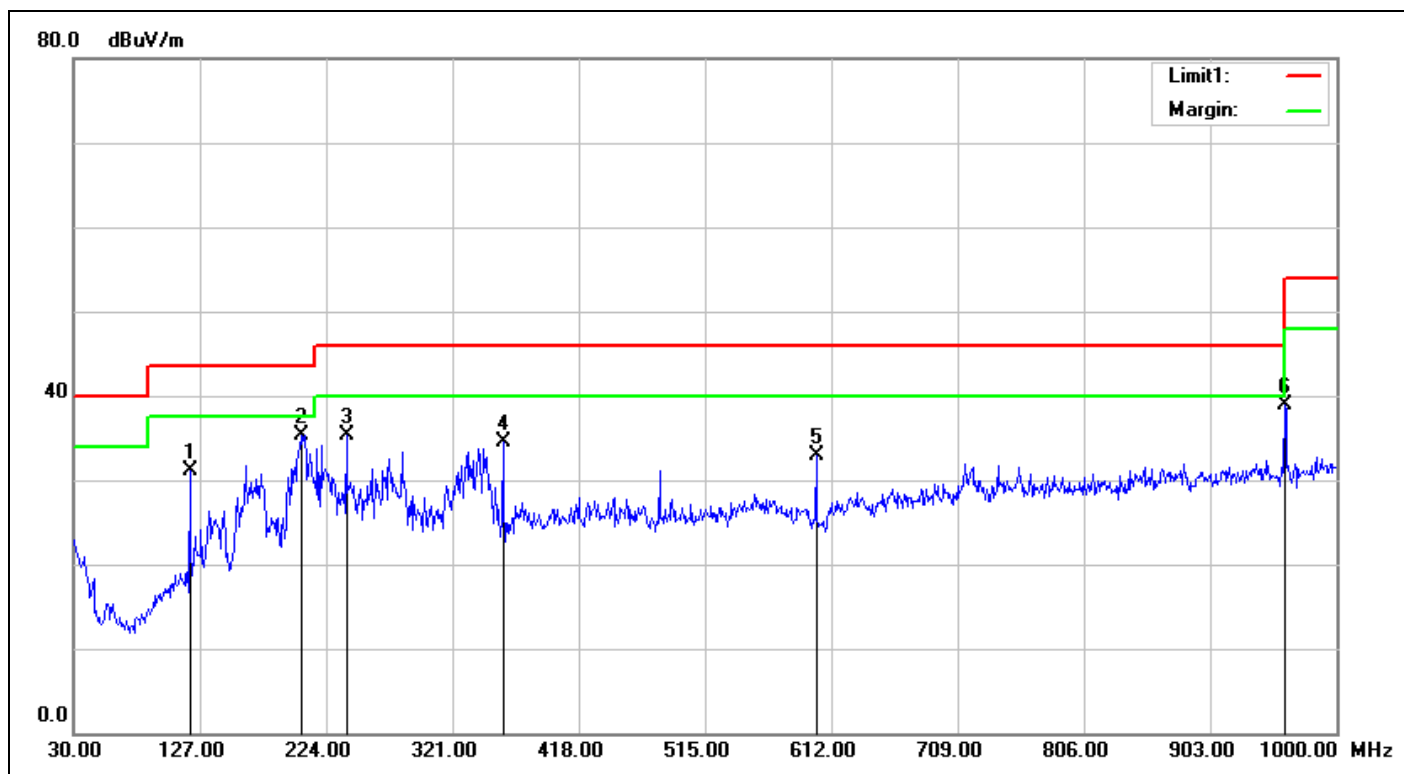
Spurious Emissions, TX Mode, 30M-1G, Straddle Channel



TUV Rheinland Taiwan Ltd.

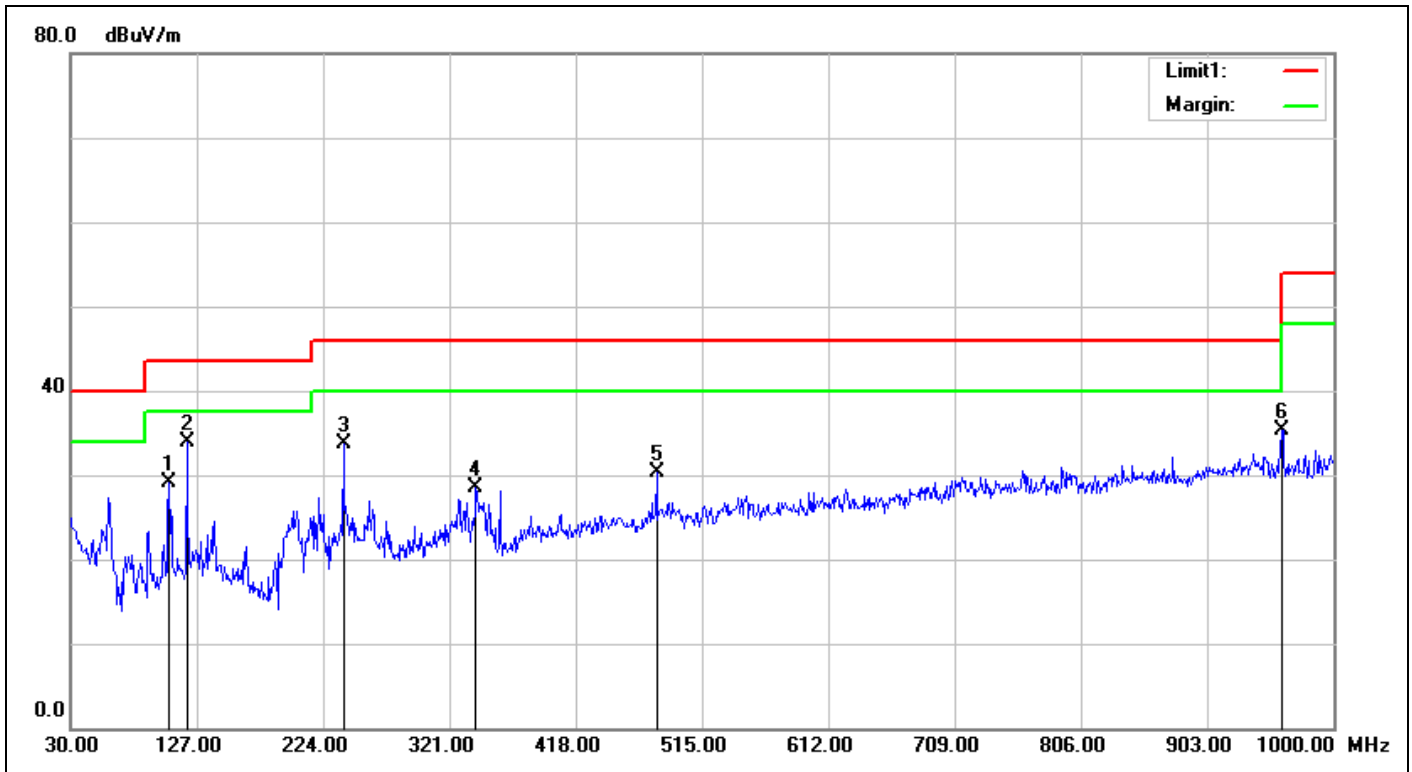
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 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	

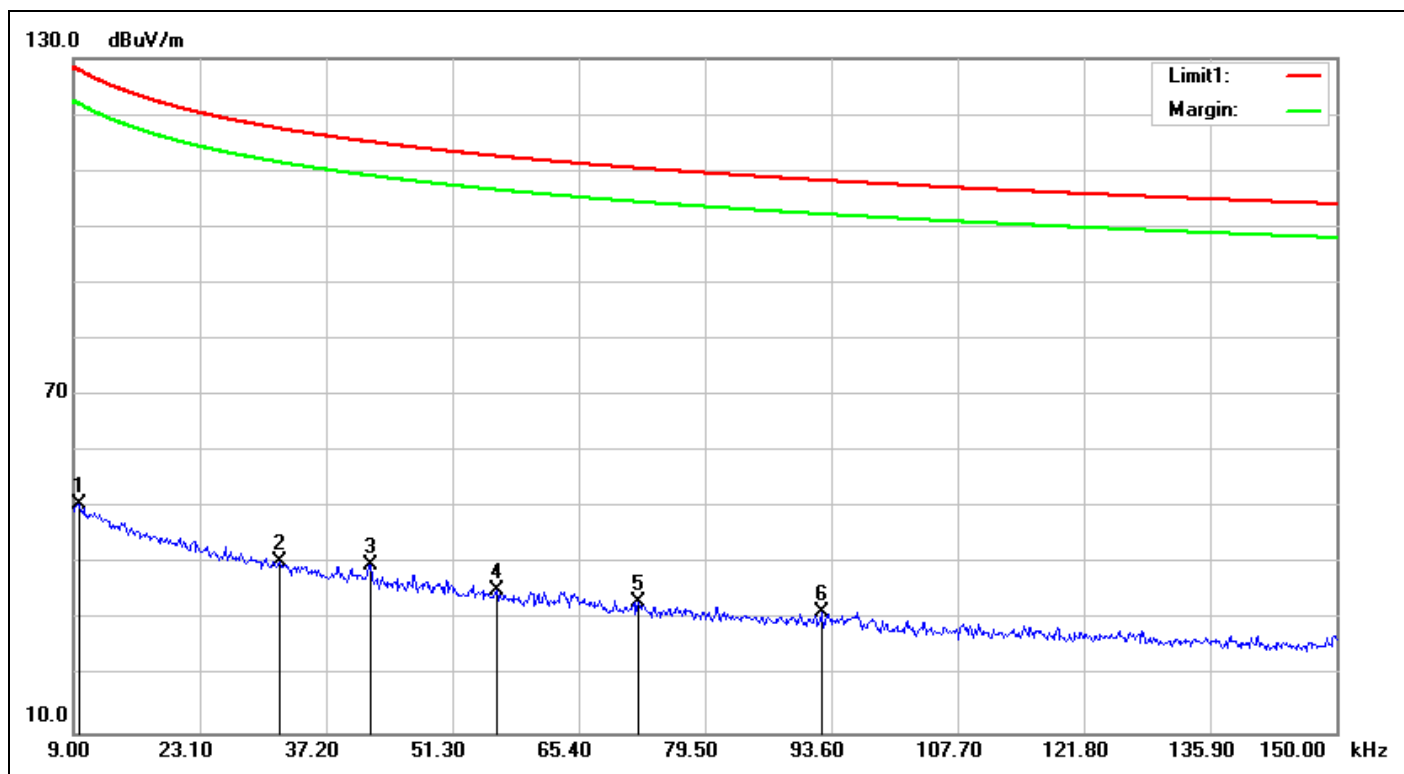
Spurious Emissions, TX Mode, 9K-30M



TUV Rheinland Taiwan Ltd.

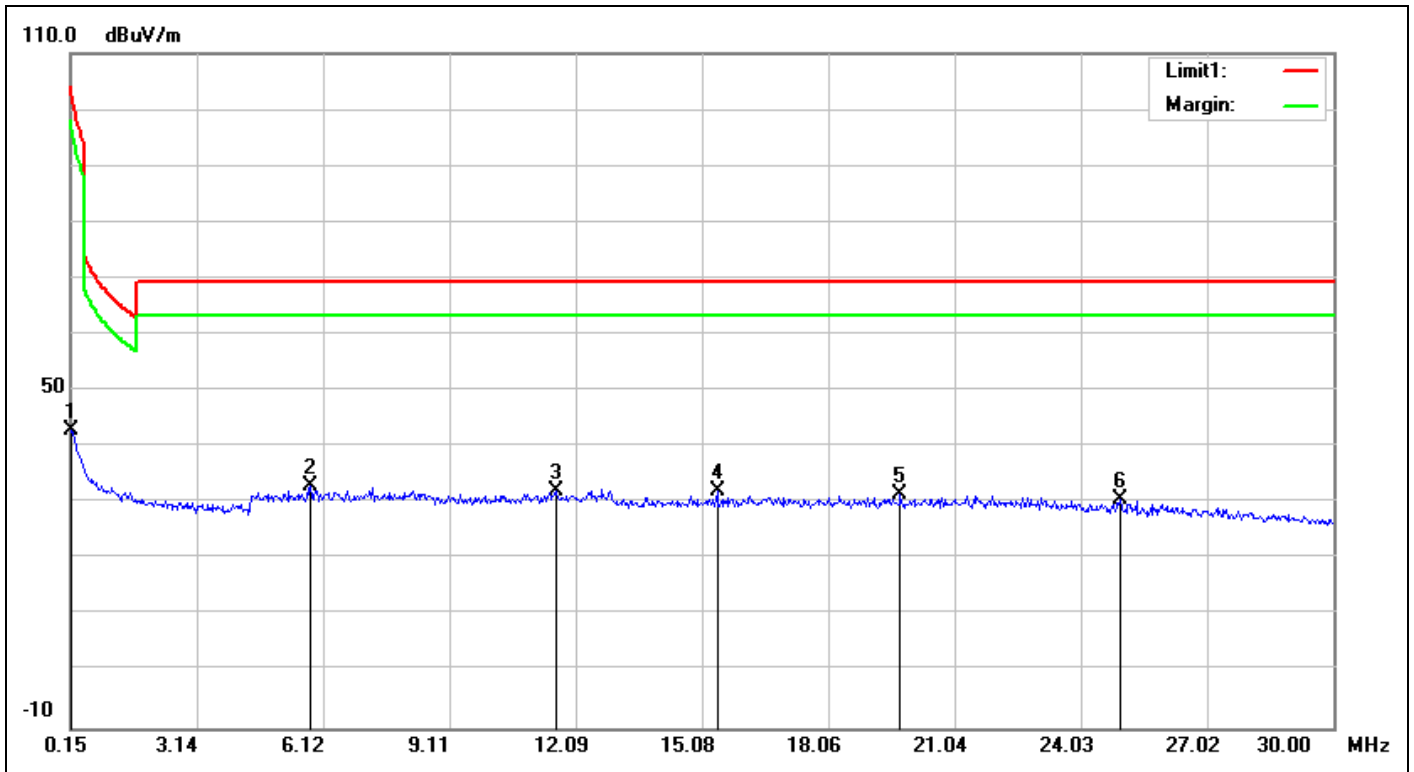
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Tel:+886-2172-7000 fax:+886-2528-0018



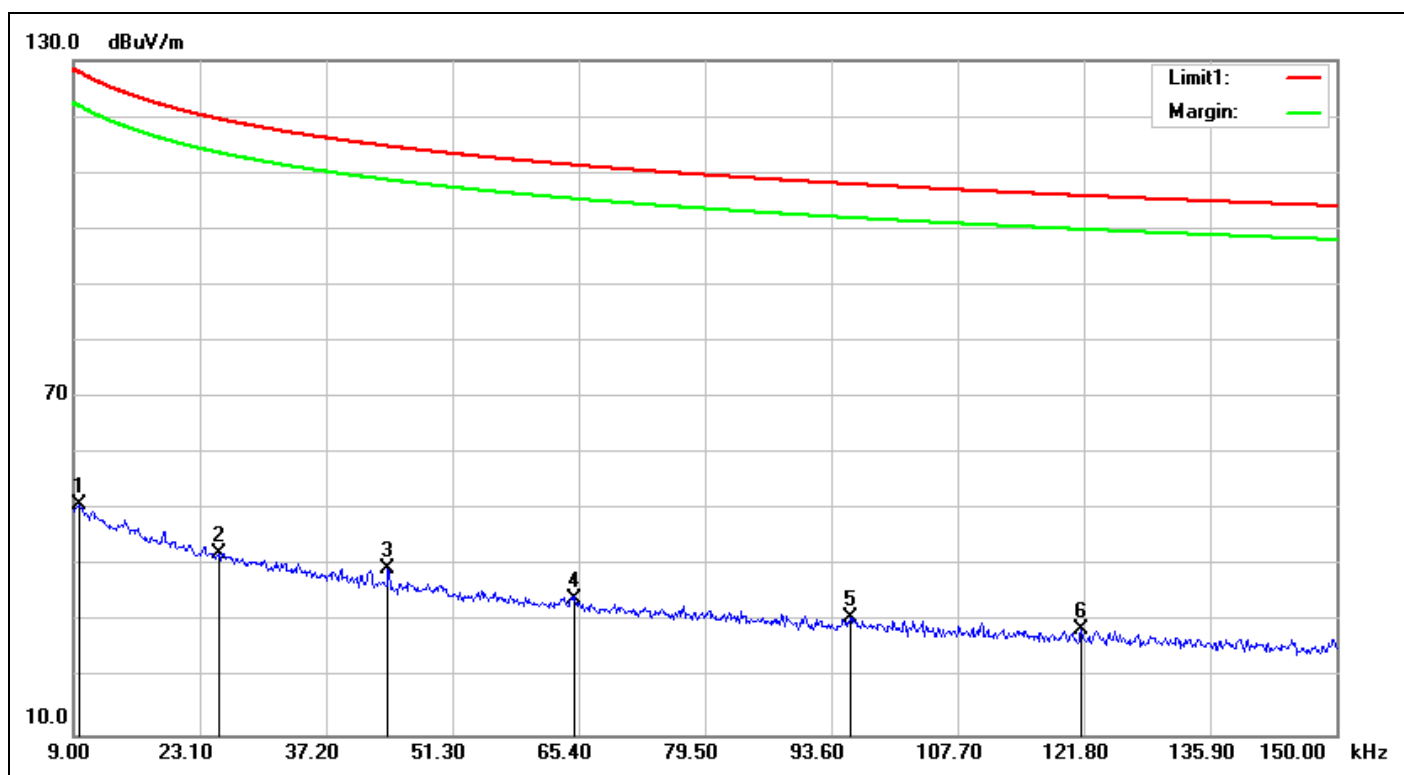
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:25:25
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	22(°C)/65%
Model No.:	WFU033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



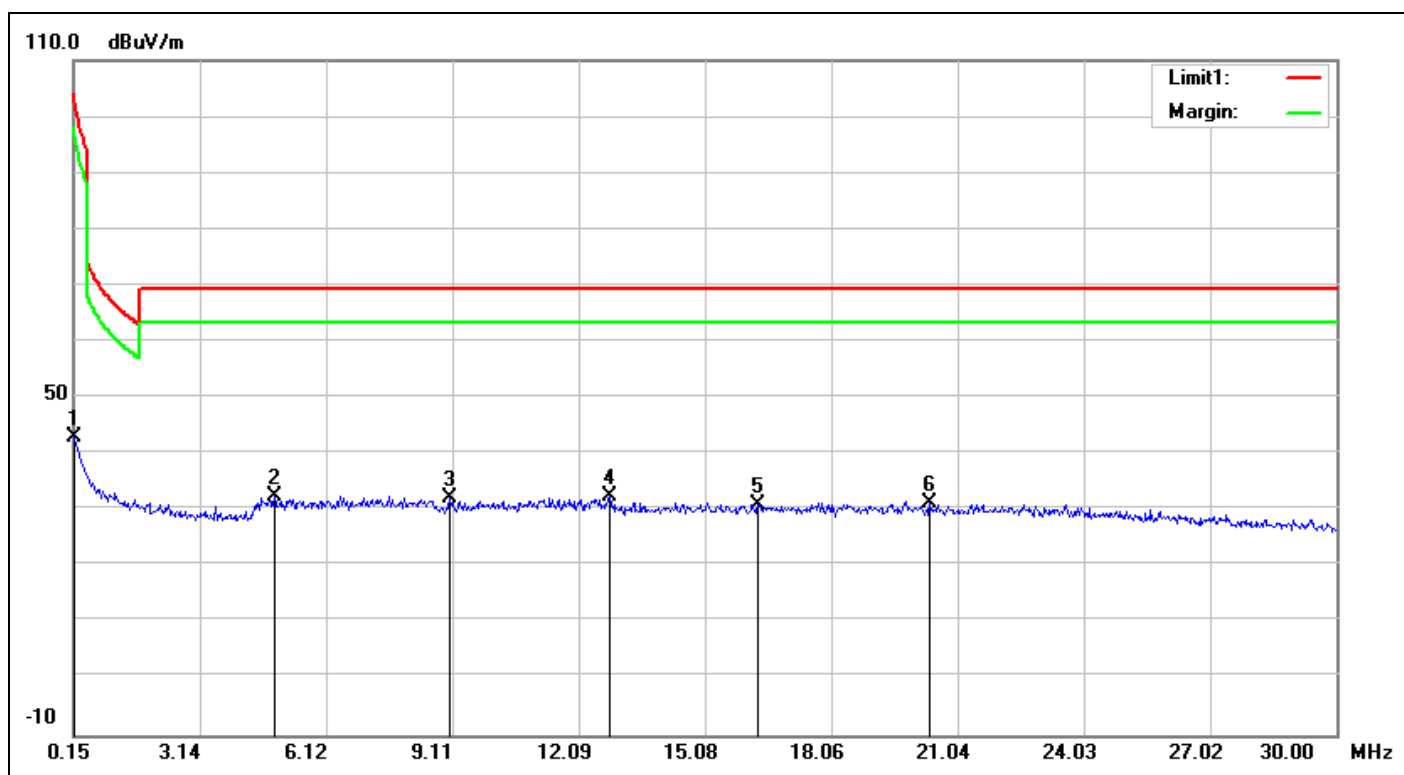
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:37:47
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033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



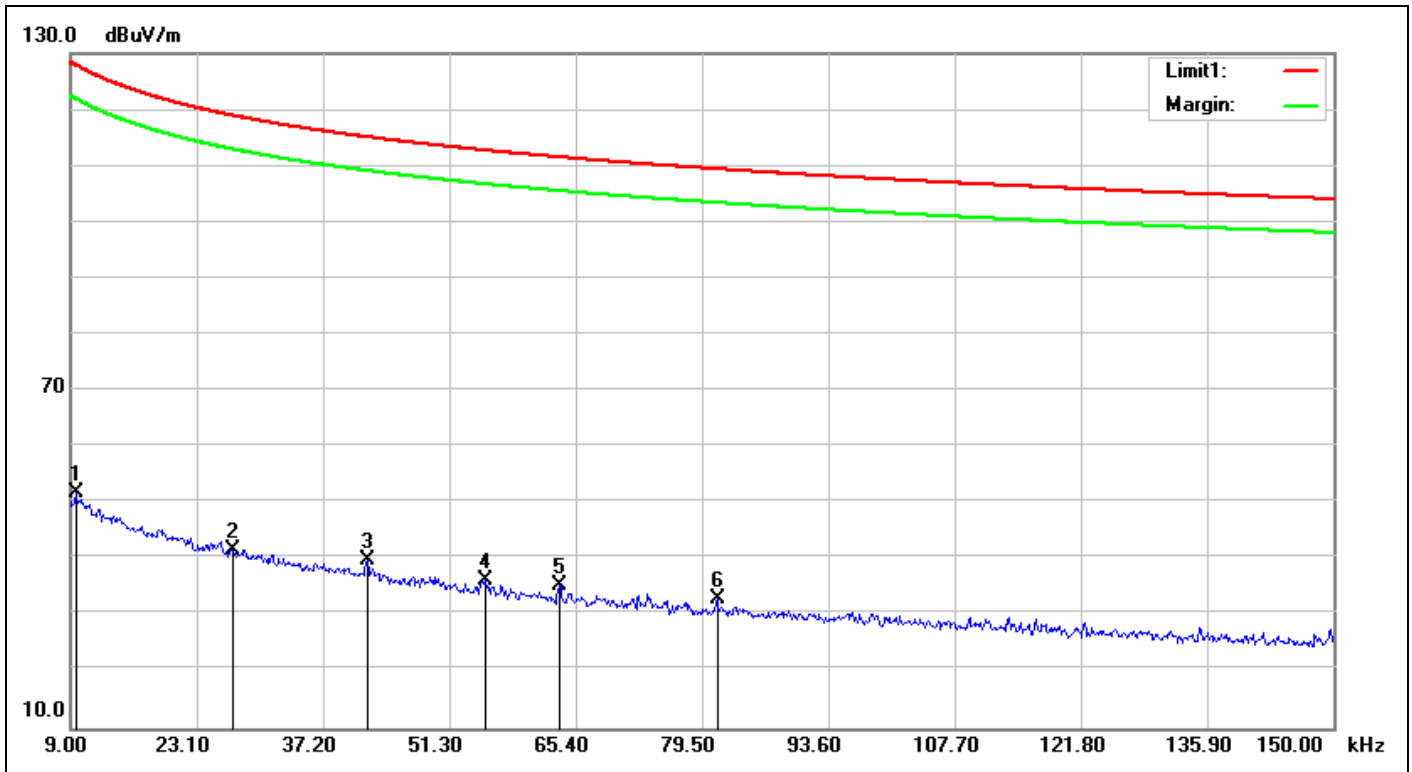
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:27:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033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



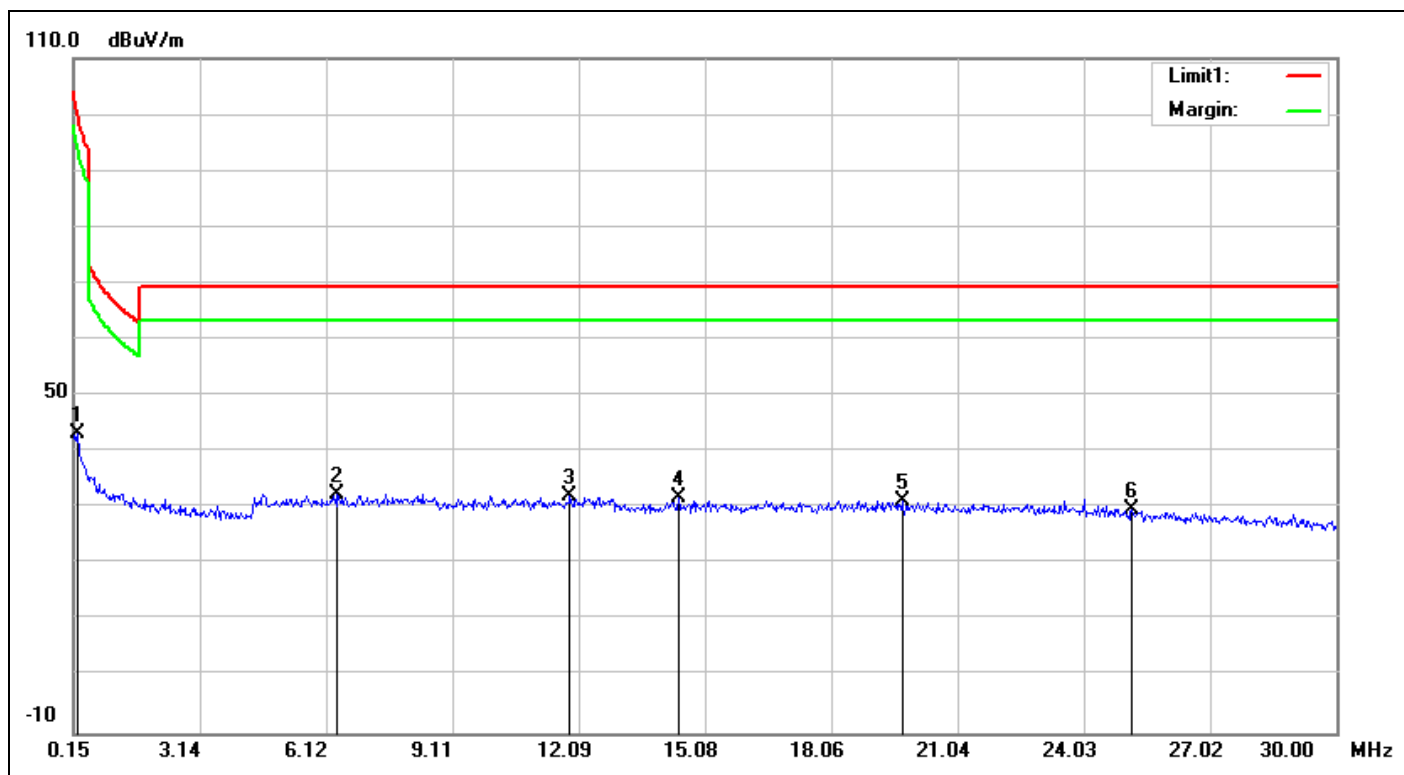
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:40:07
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033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



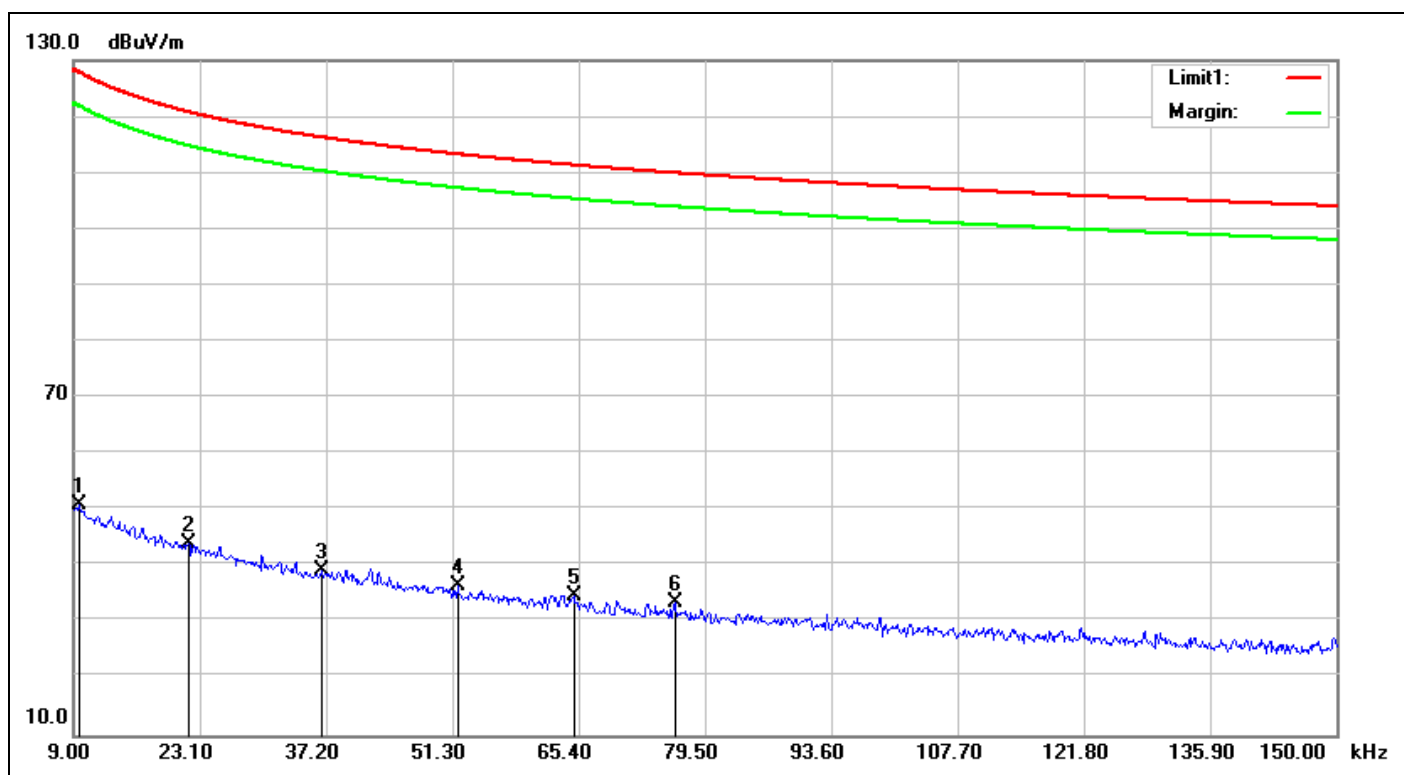
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:30:21
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033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



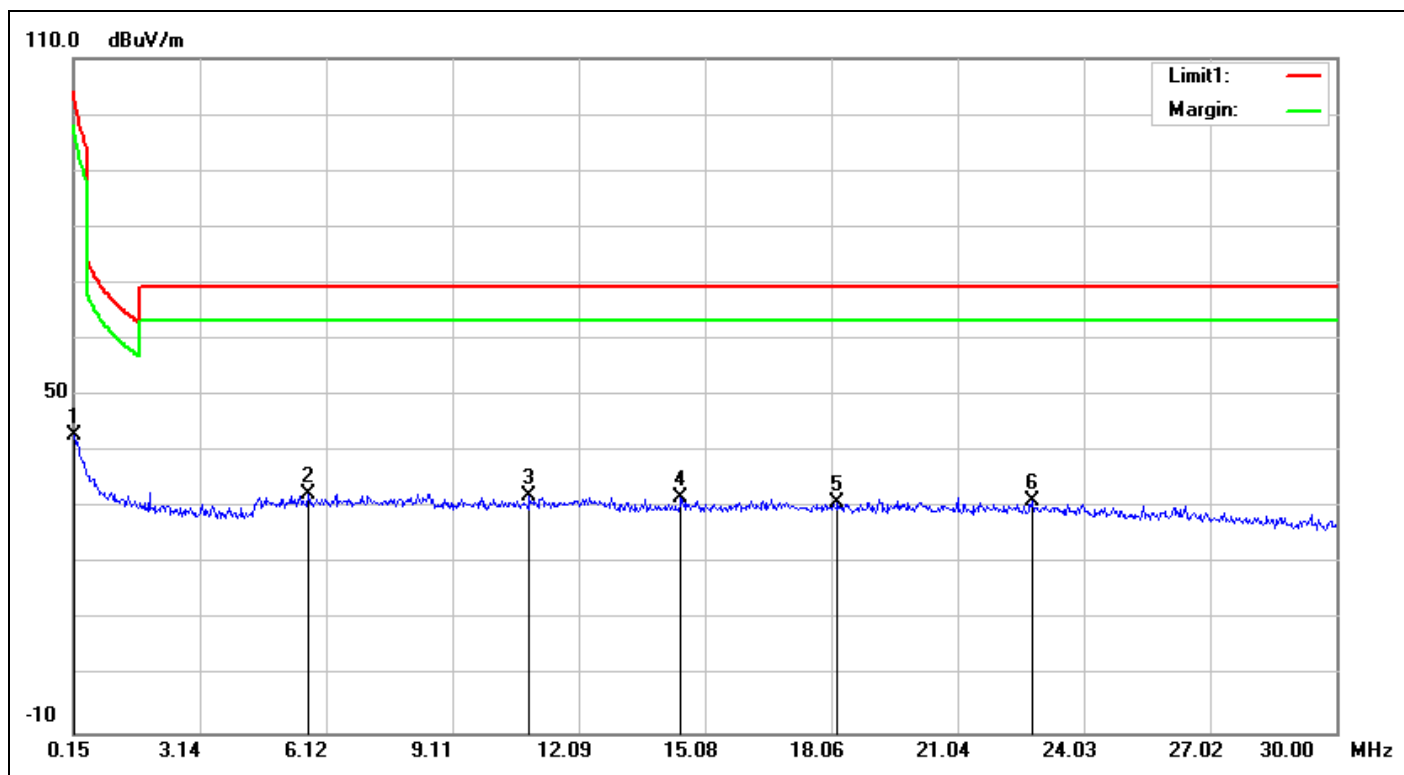
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Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:42:37
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model 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	

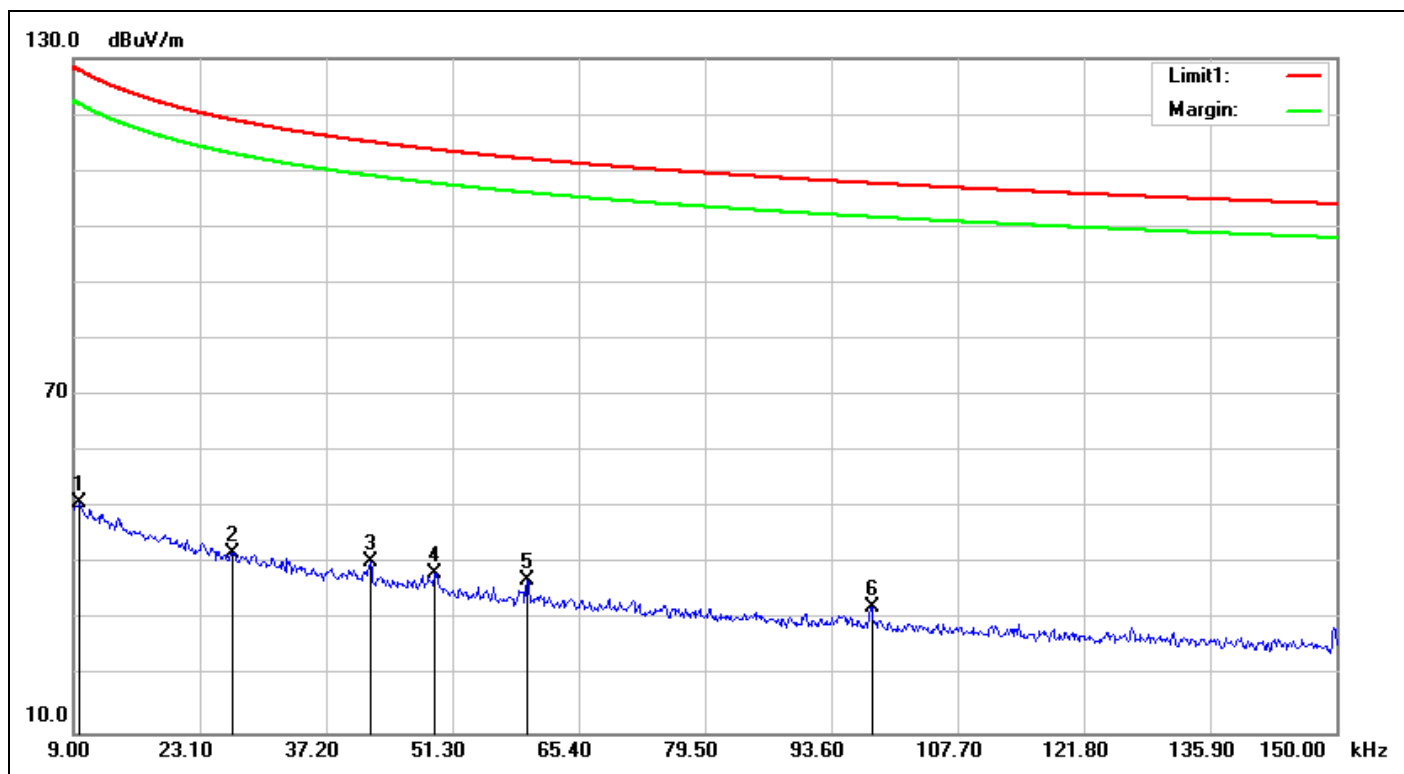
Spurious Emissions, TX Mode, 9K-30M, Straddle Channel



TUV Rheinland Taiwan Ltd.

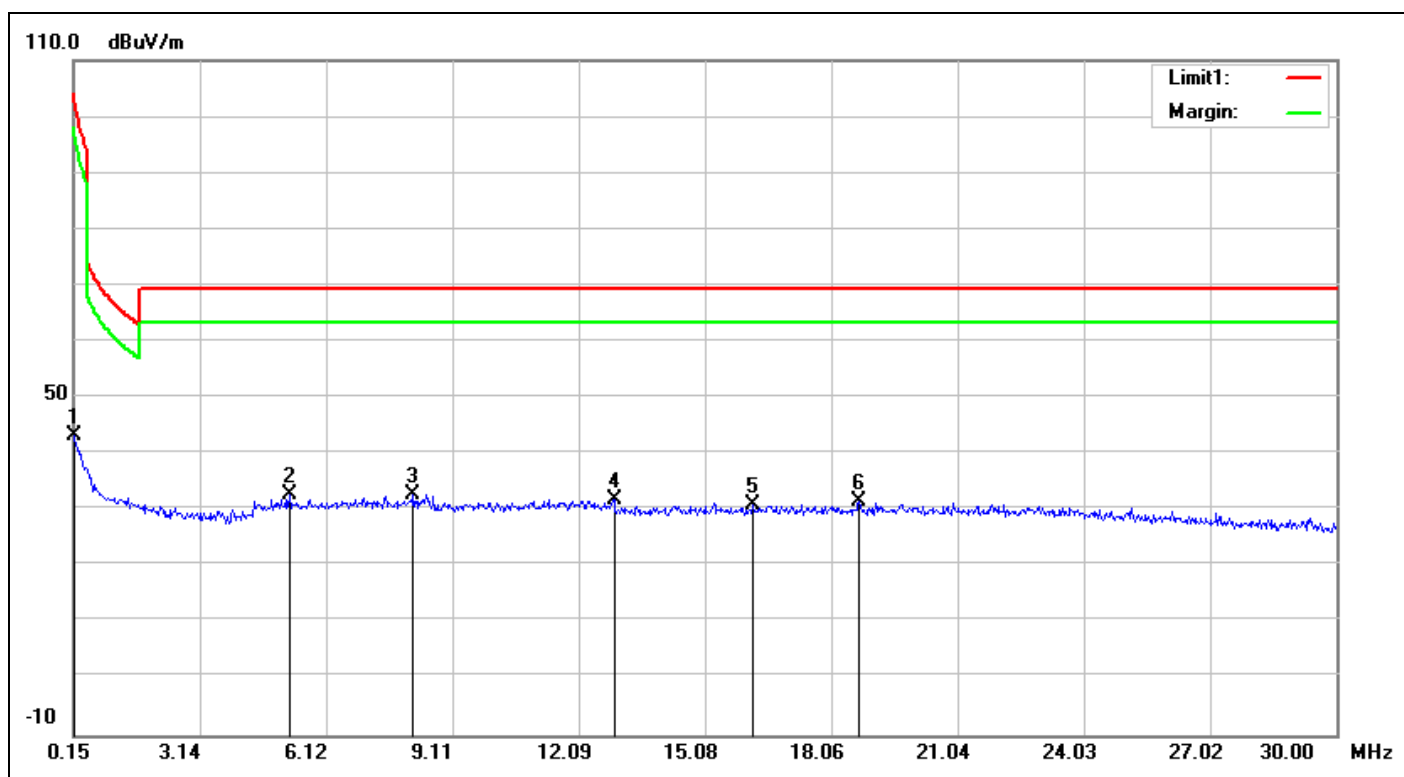
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Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/20 00:38:44
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac 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	

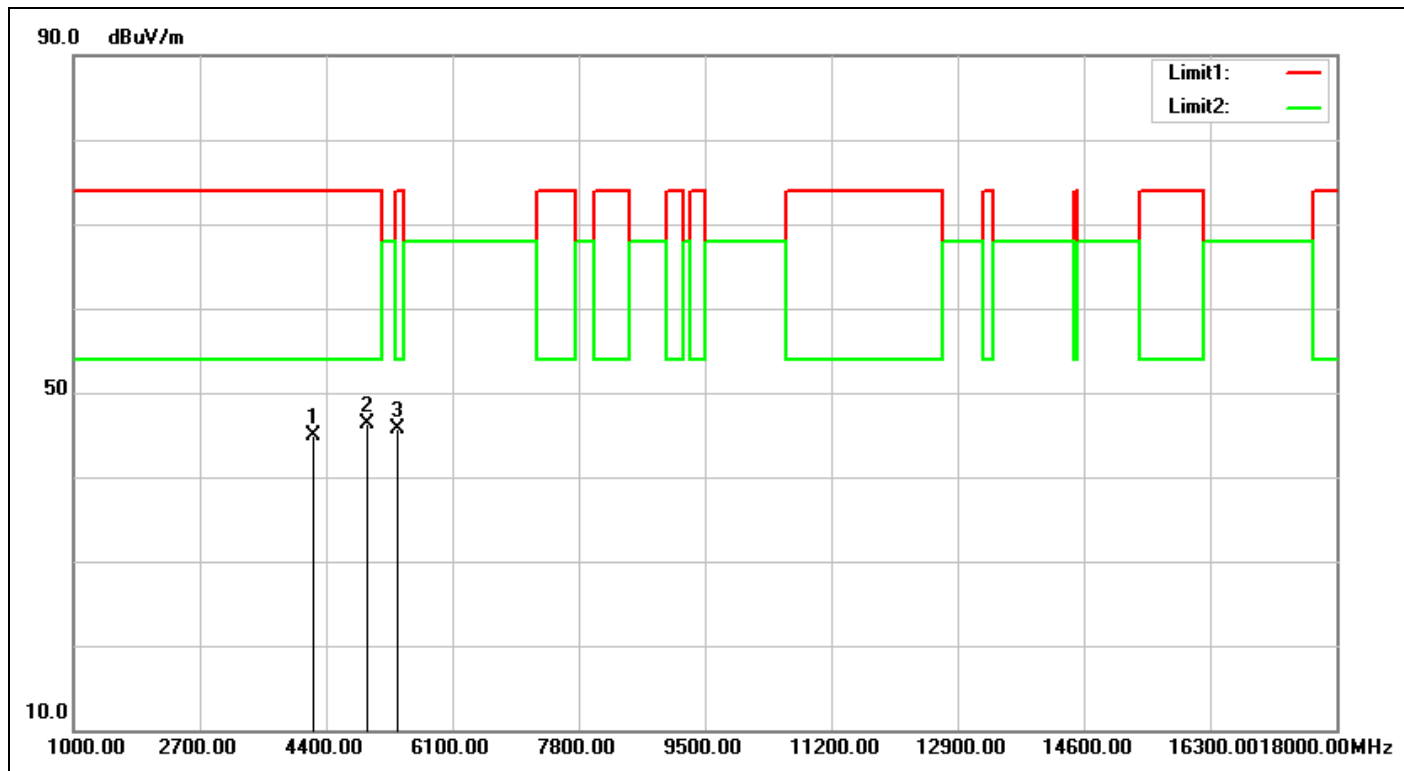
Spurious Emissions, RX Mode, 1G-18G



TUV Rheinland Taiwan Ltd.

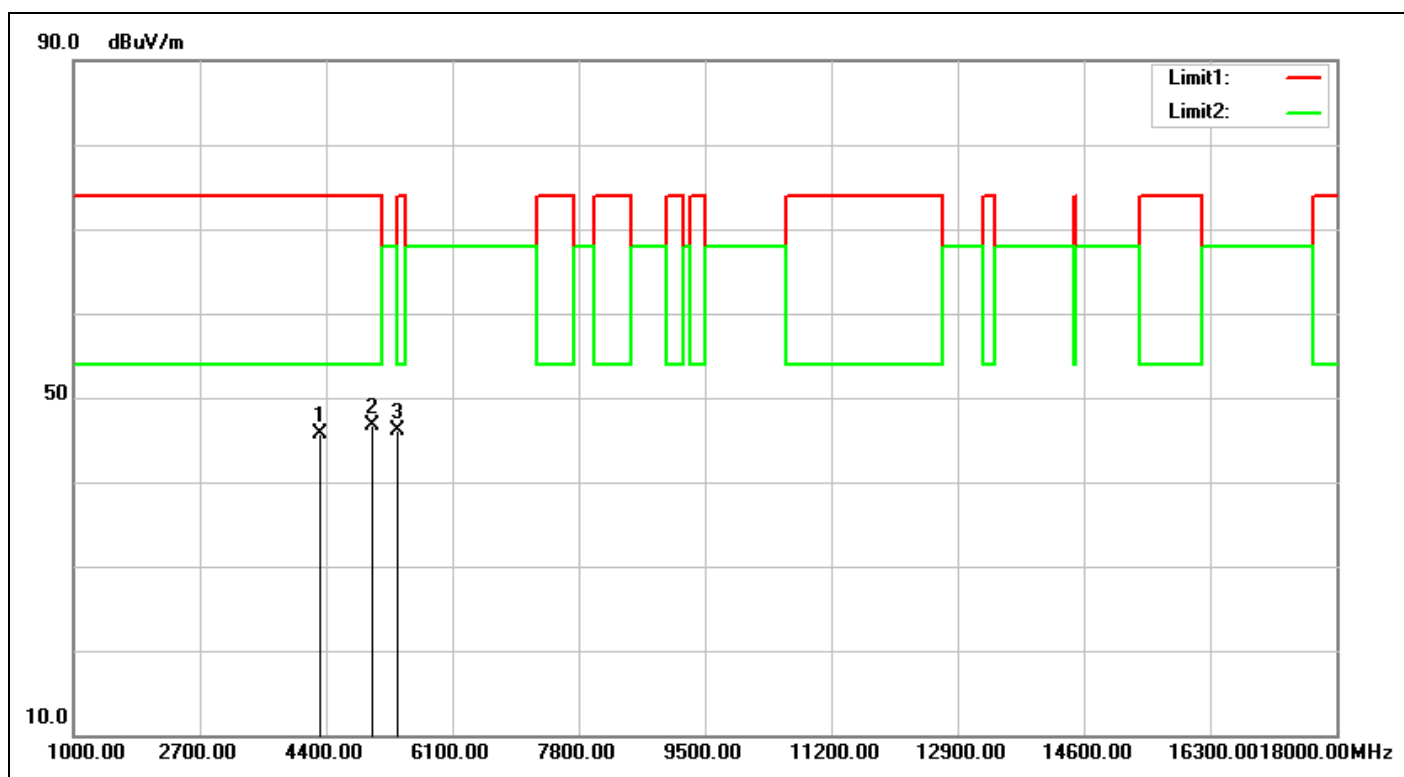
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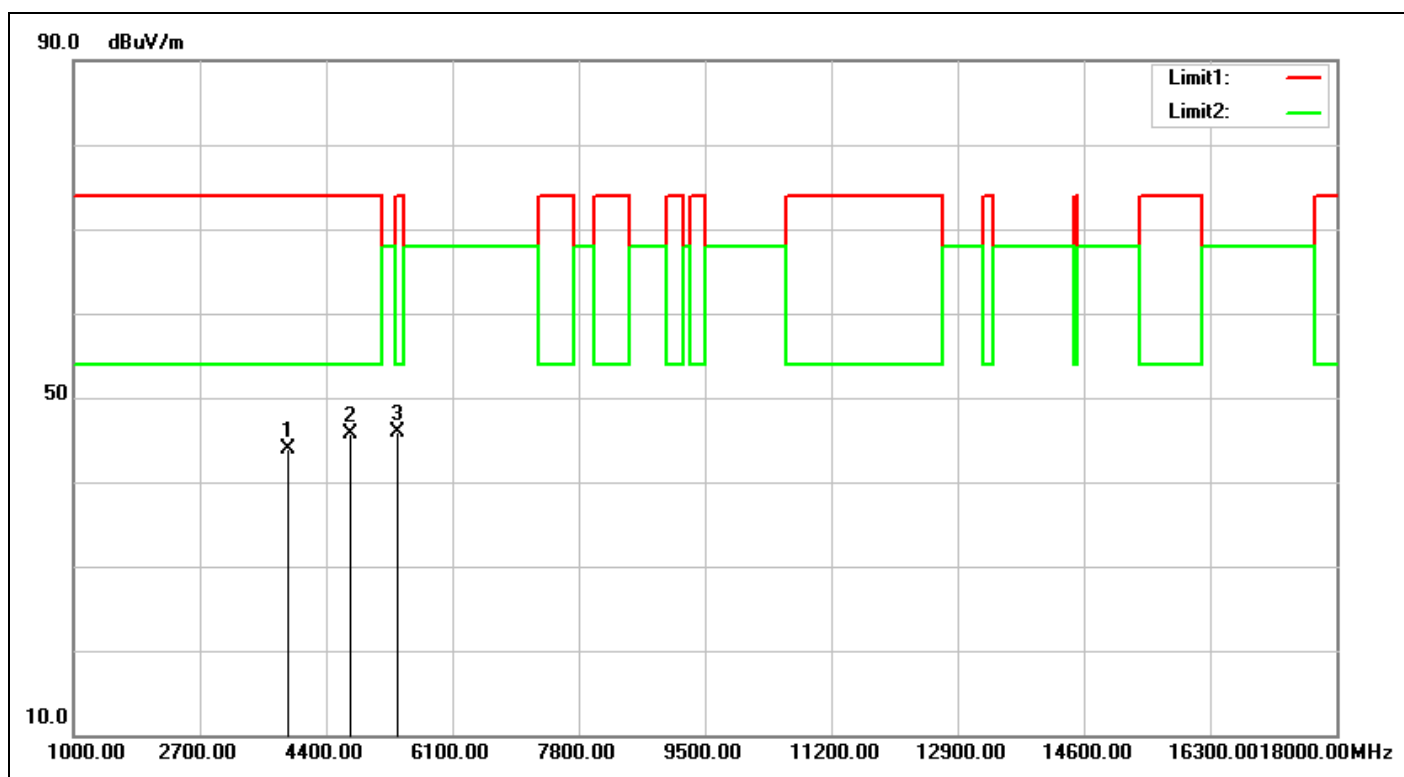
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:36:42
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
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	



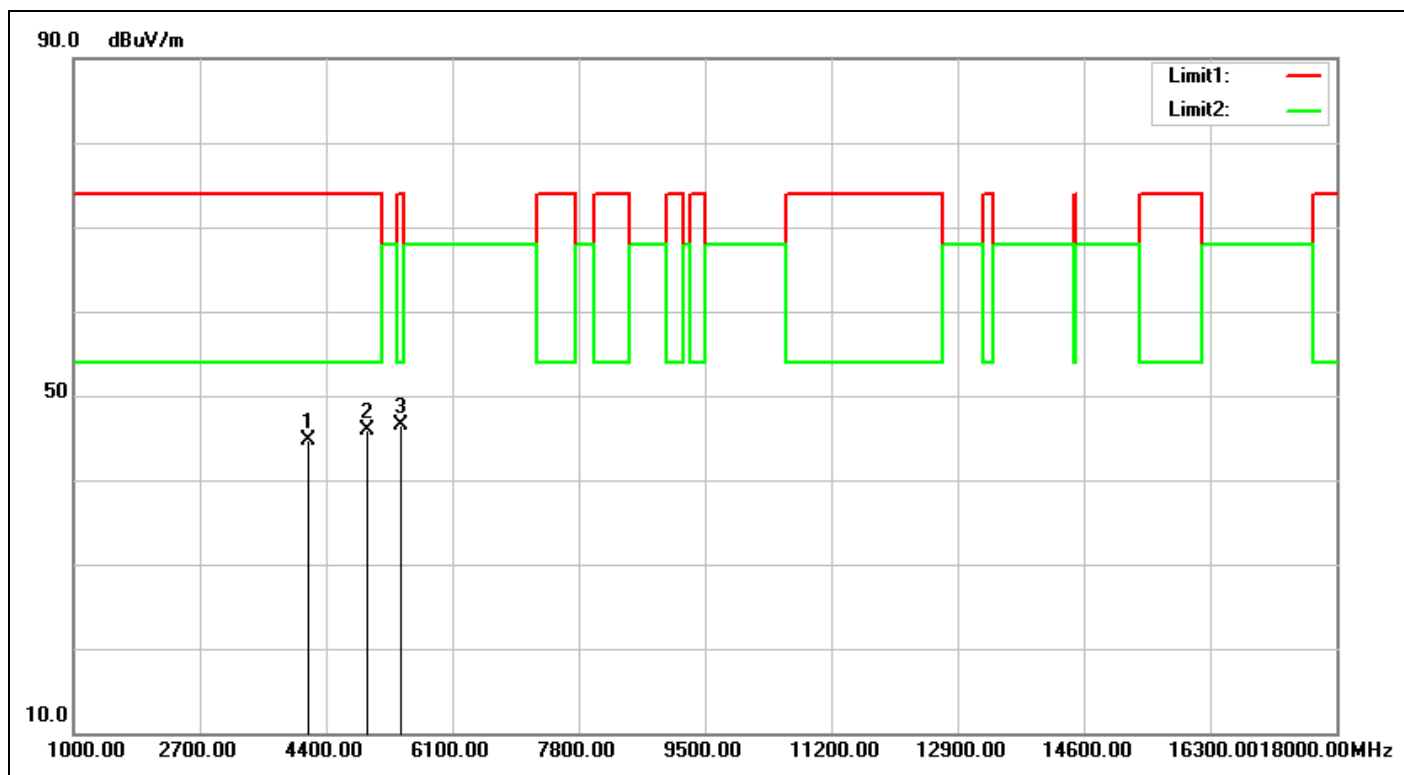
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:37:35
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model No.: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



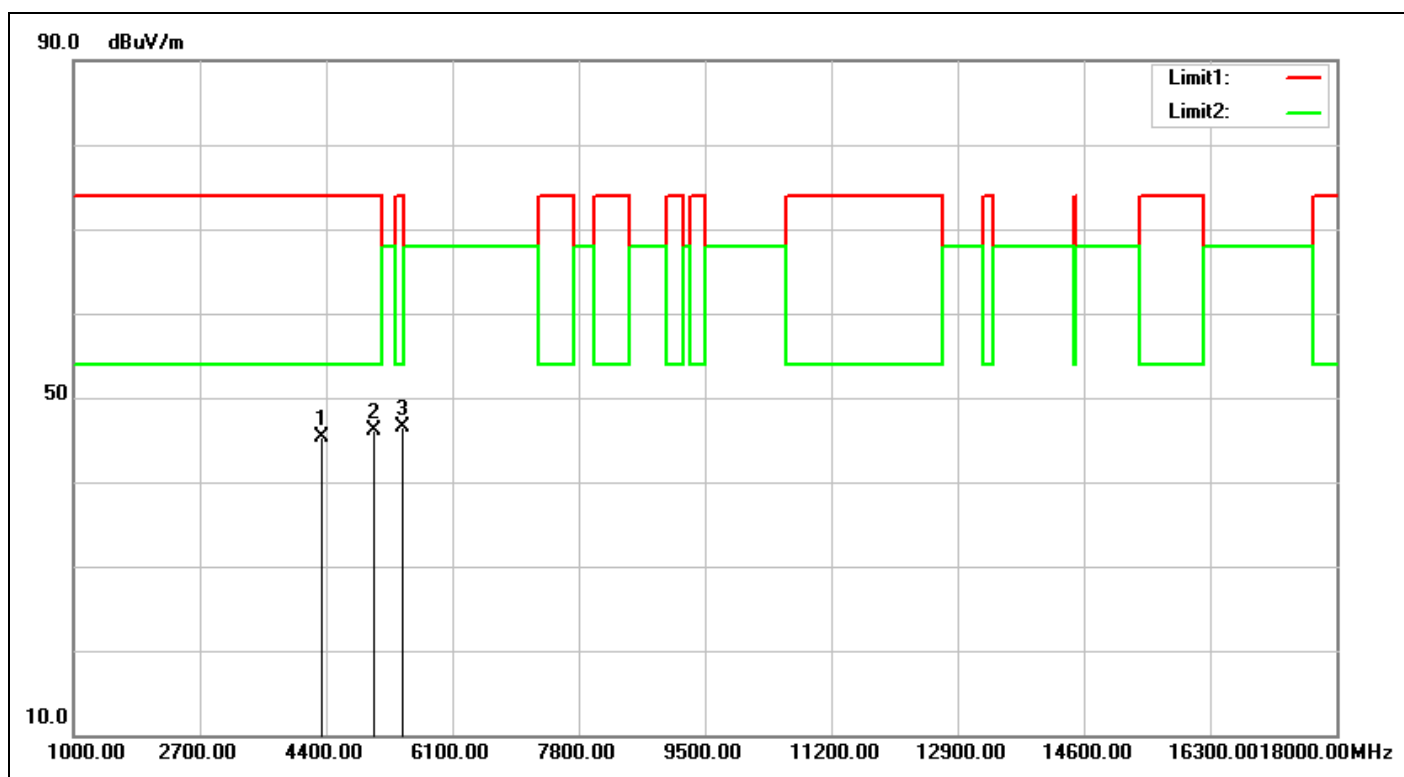
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:41:26
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



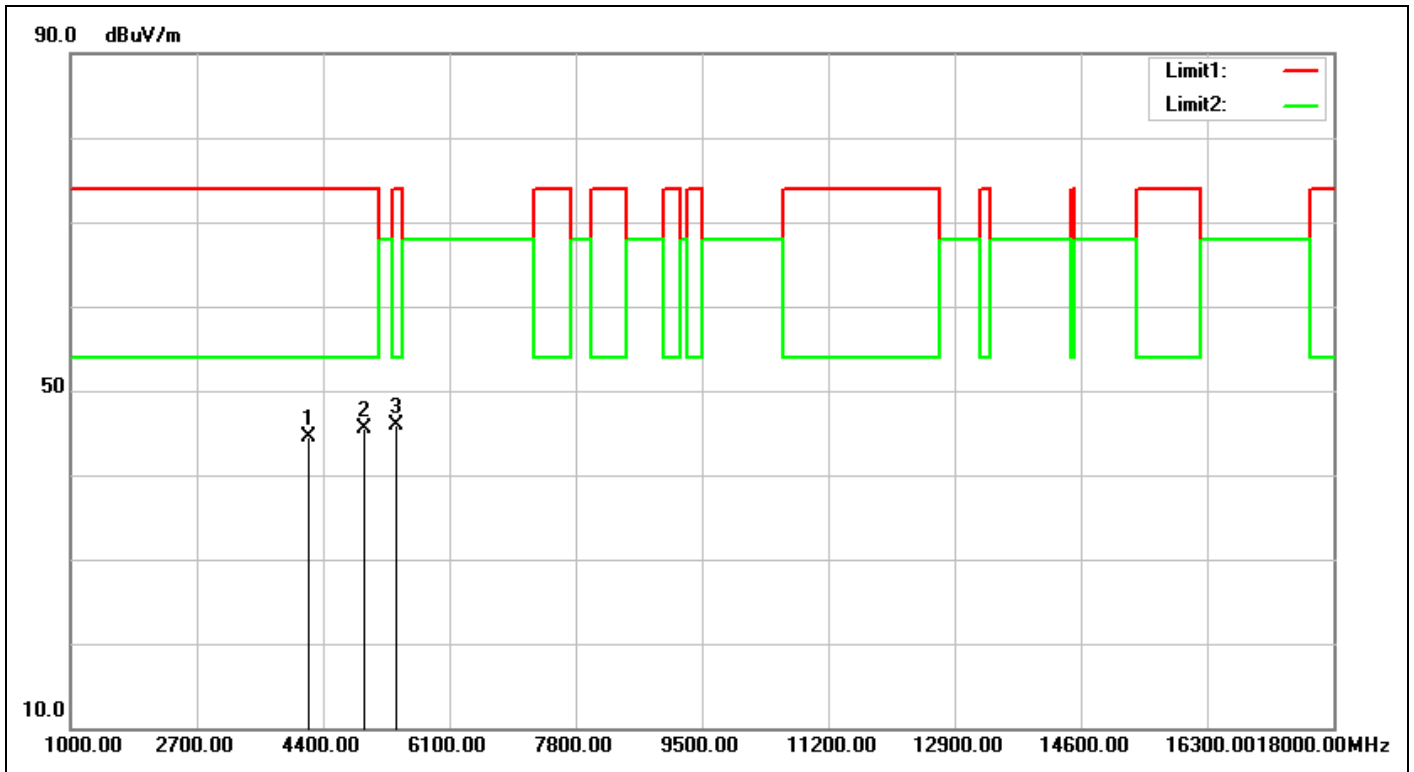
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:42:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model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



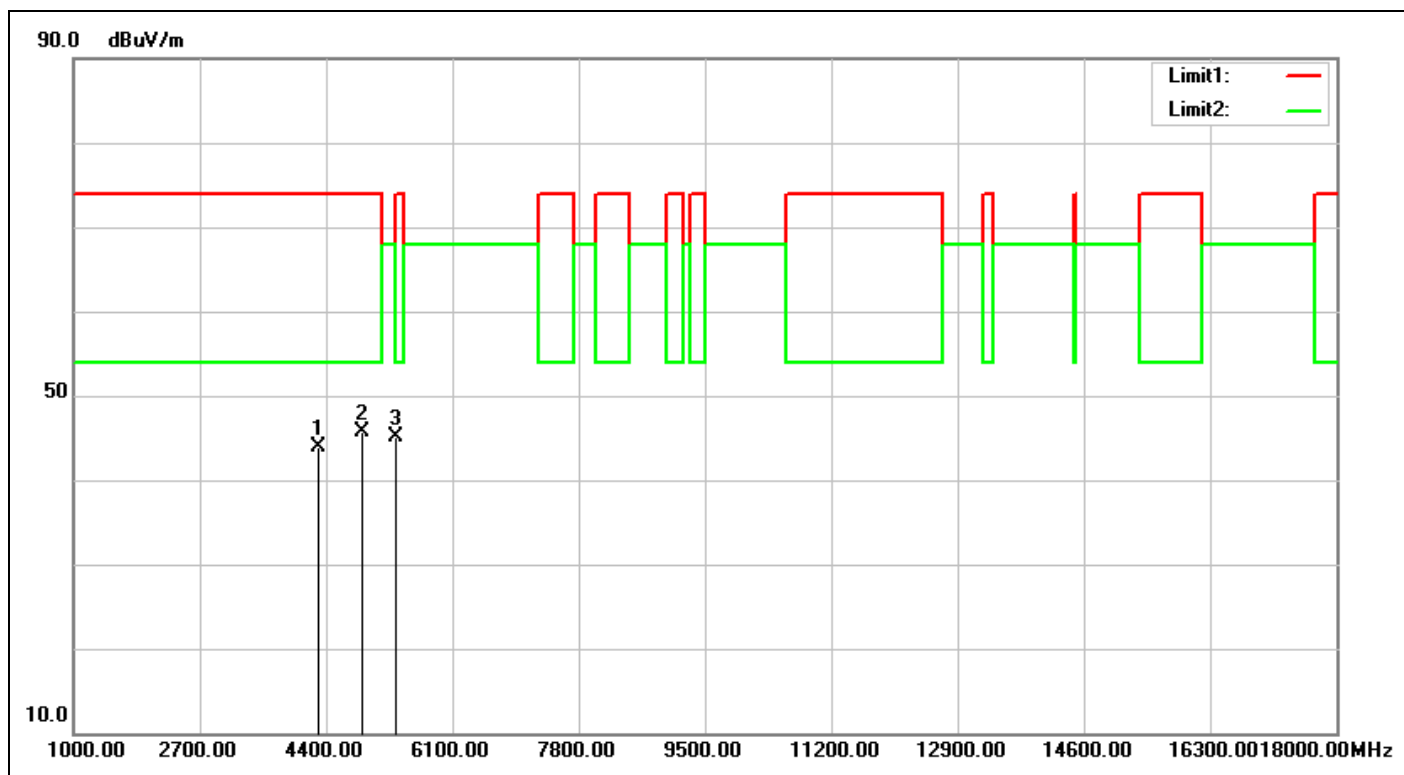
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/13 05:44:51
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	20(°C)/60%
Model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



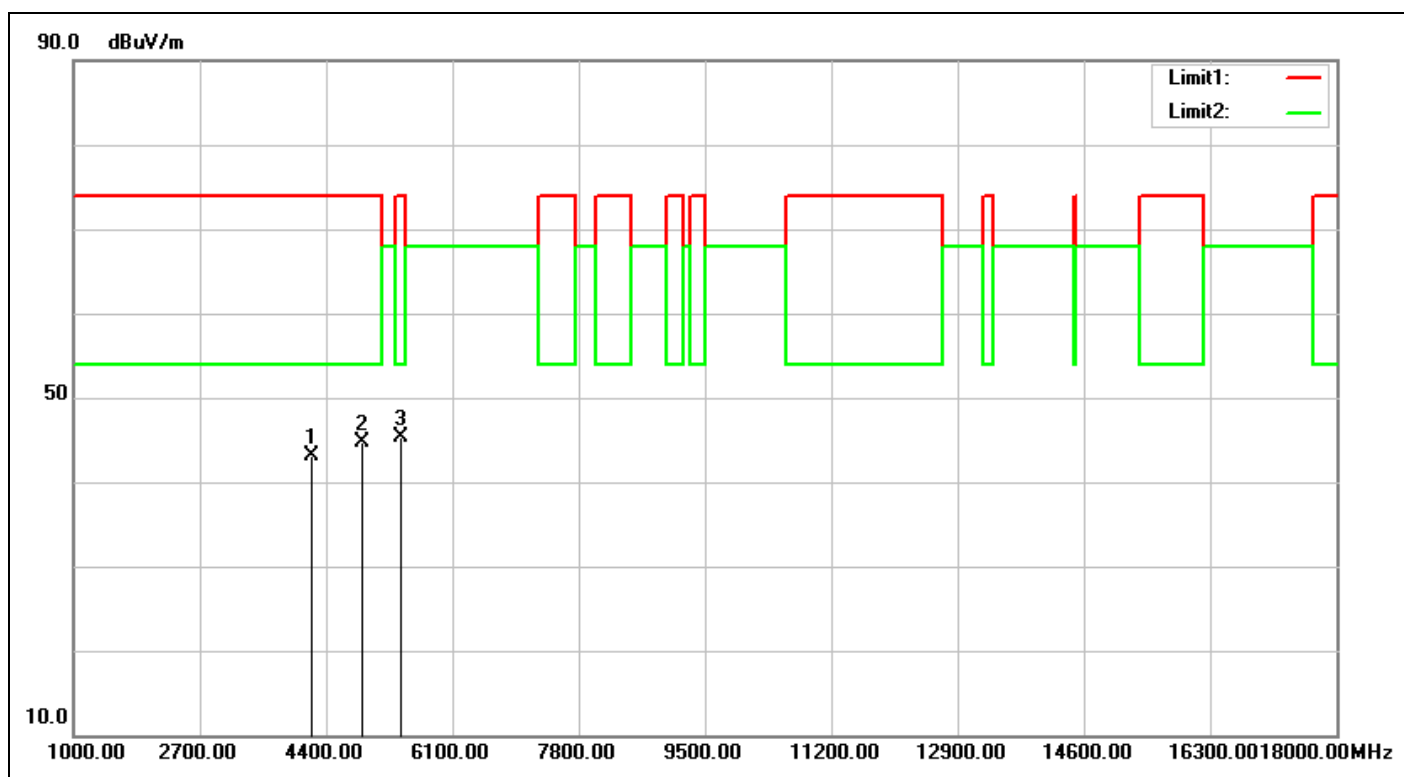
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/13 05:45:43
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	20(°C)/60%
Model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

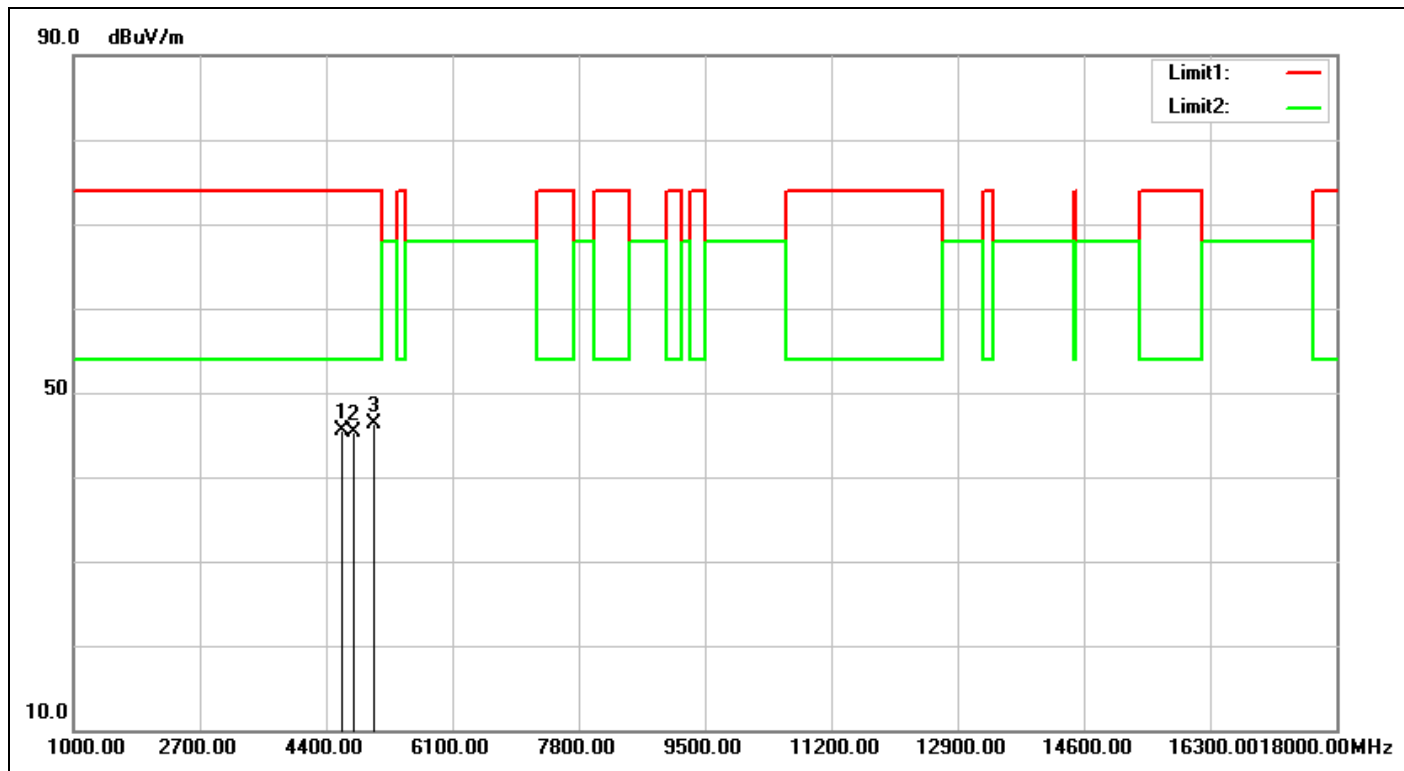
Spurious Emissions, RX Mode, 1G-18G, Straddle Channel



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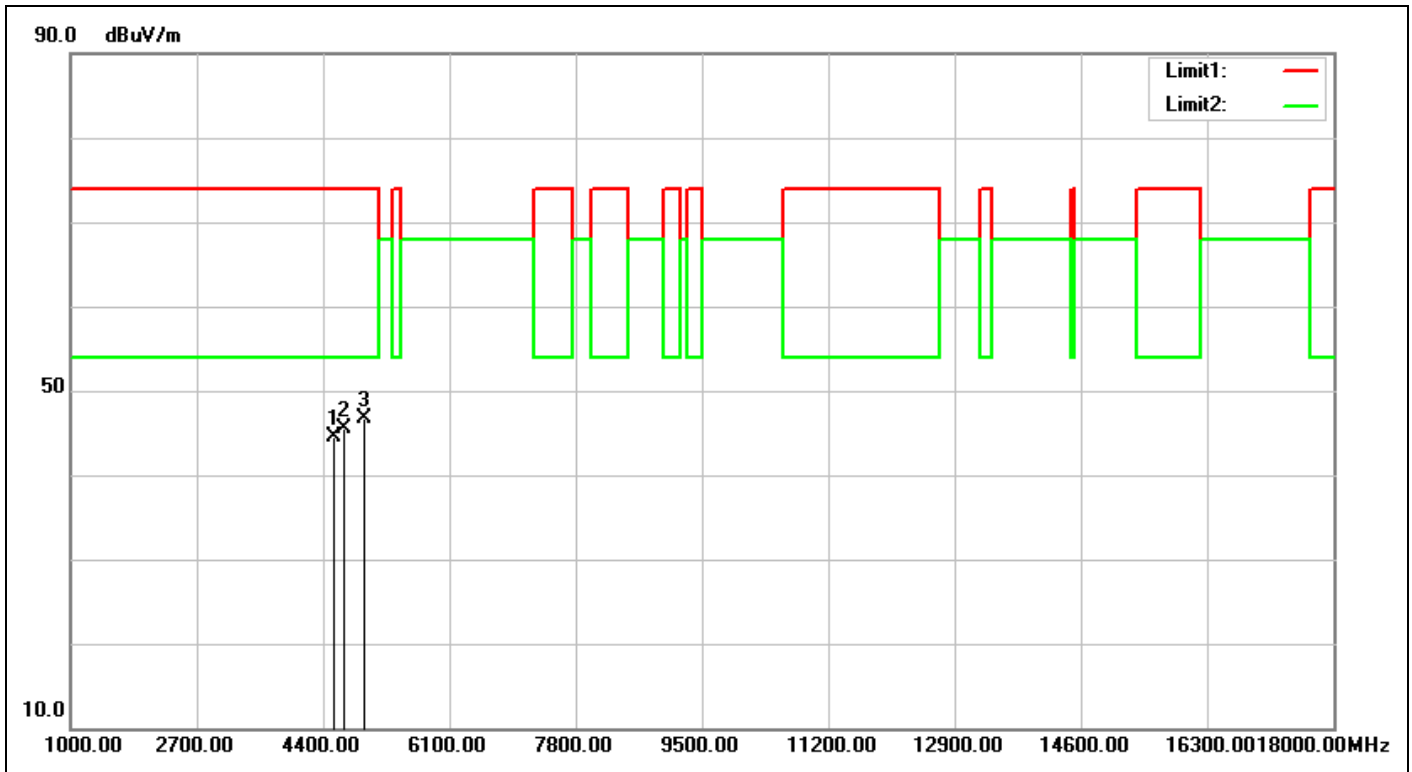
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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	

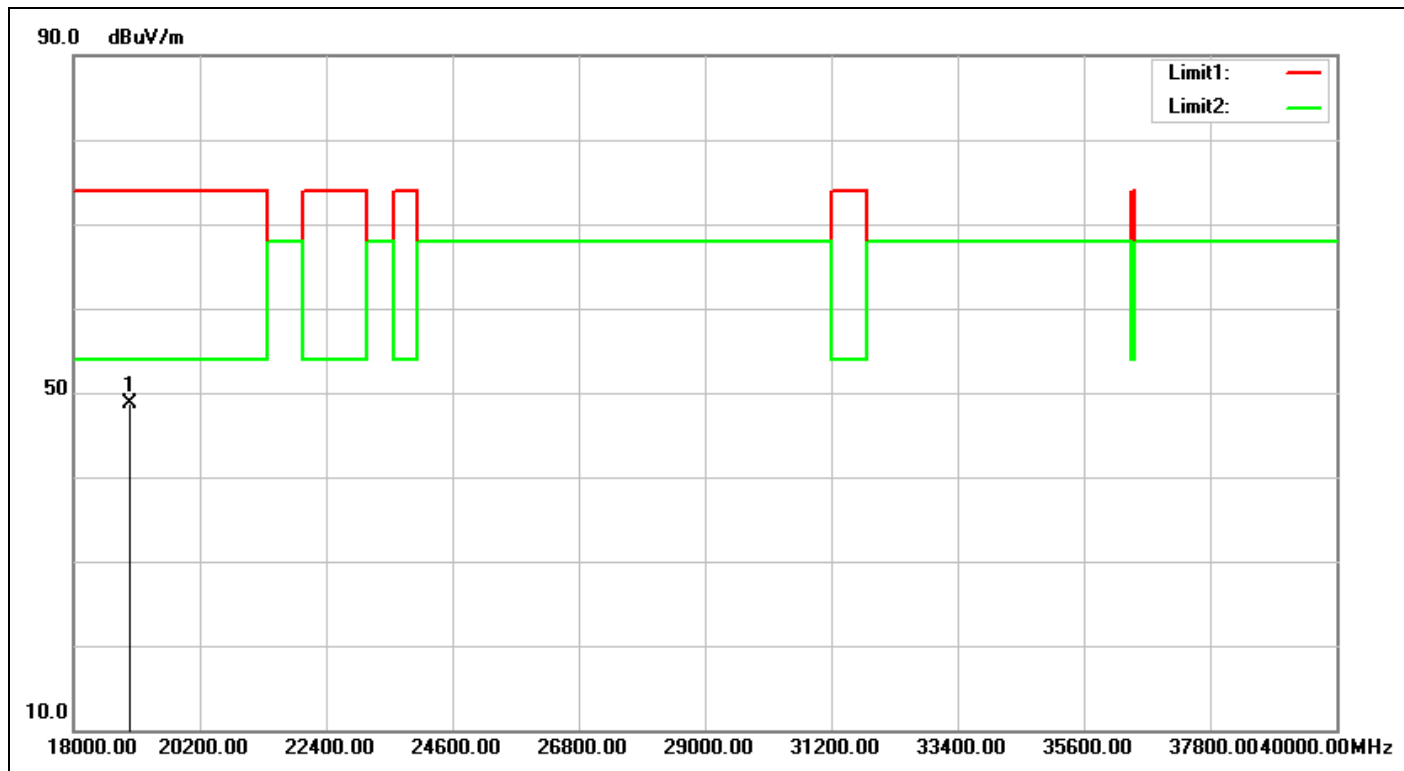
Spurious Emissions, RX Mode, 18-40G



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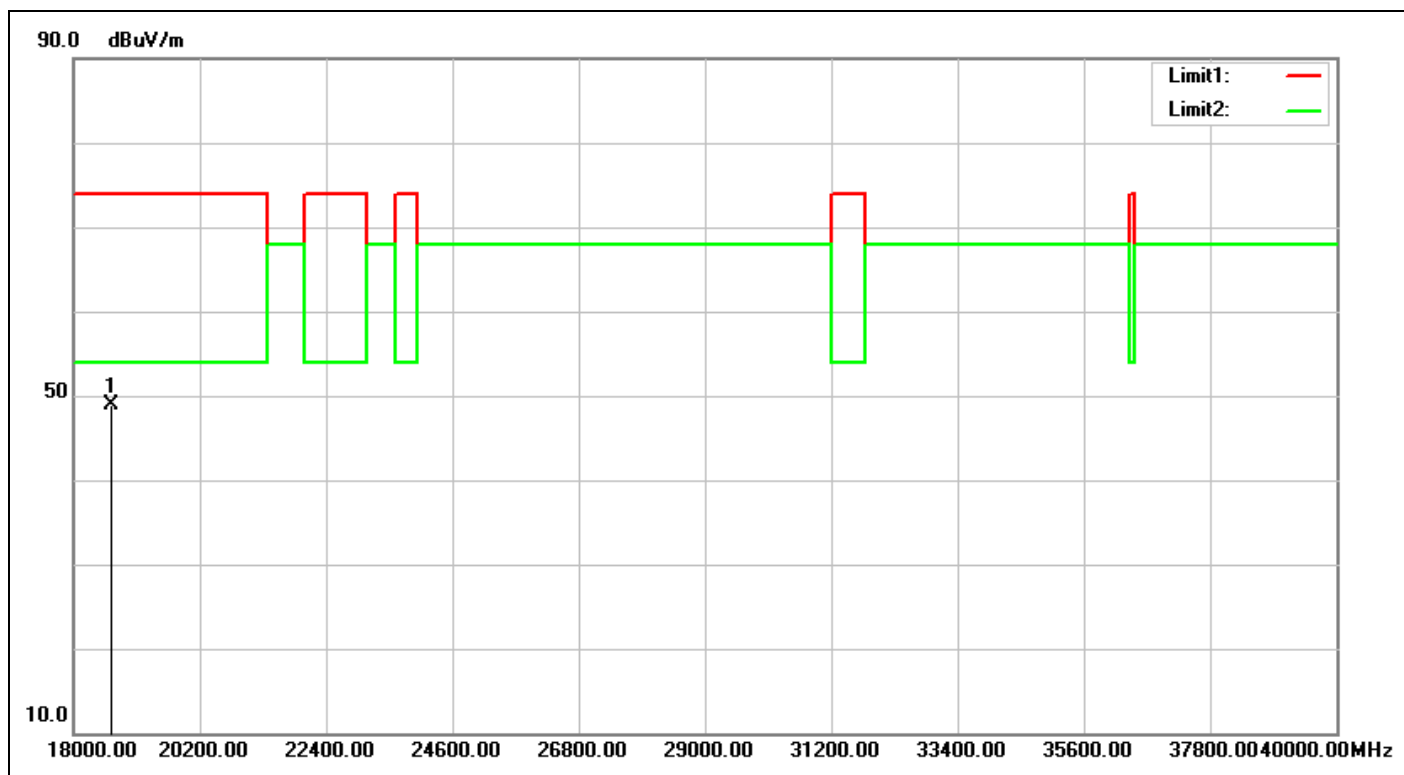
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



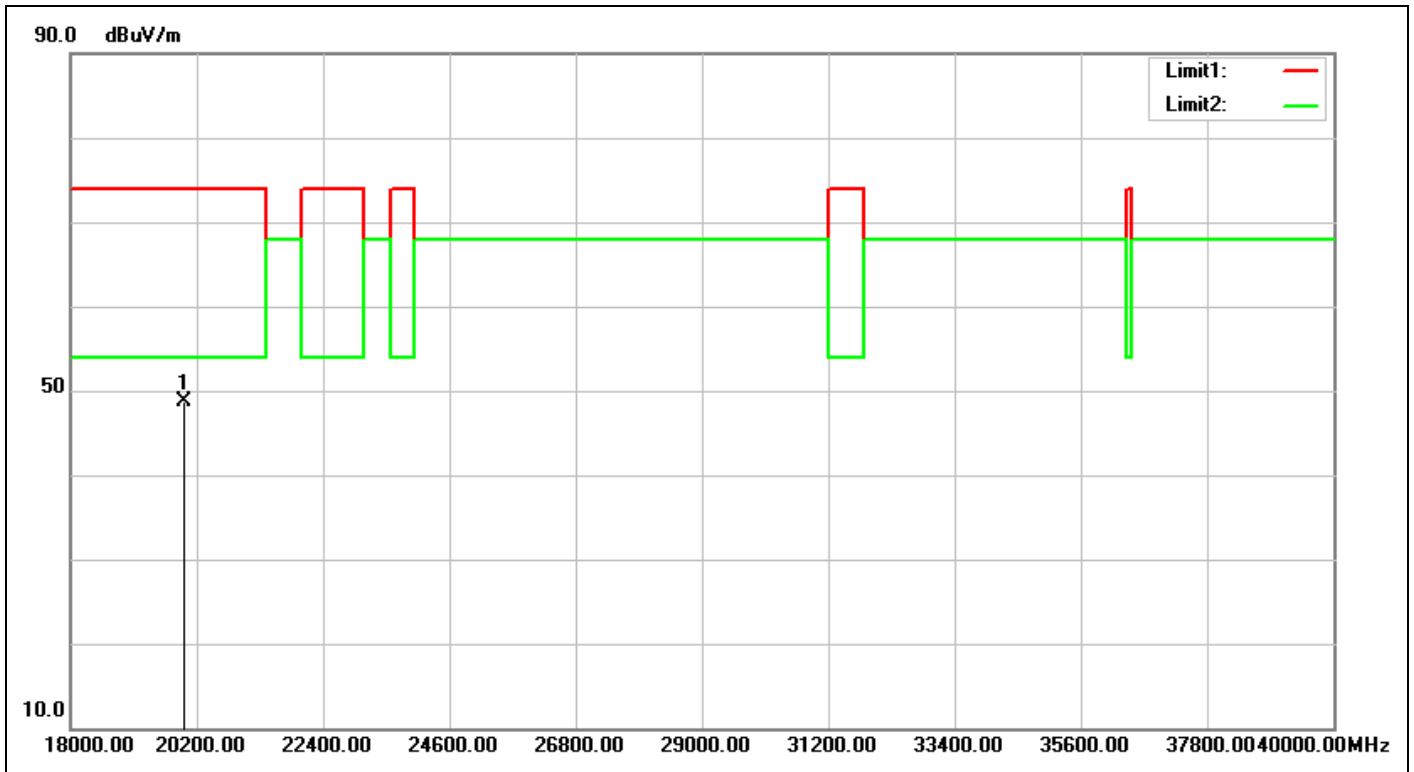
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:29:07
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%)	22(°C)/65%
Model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



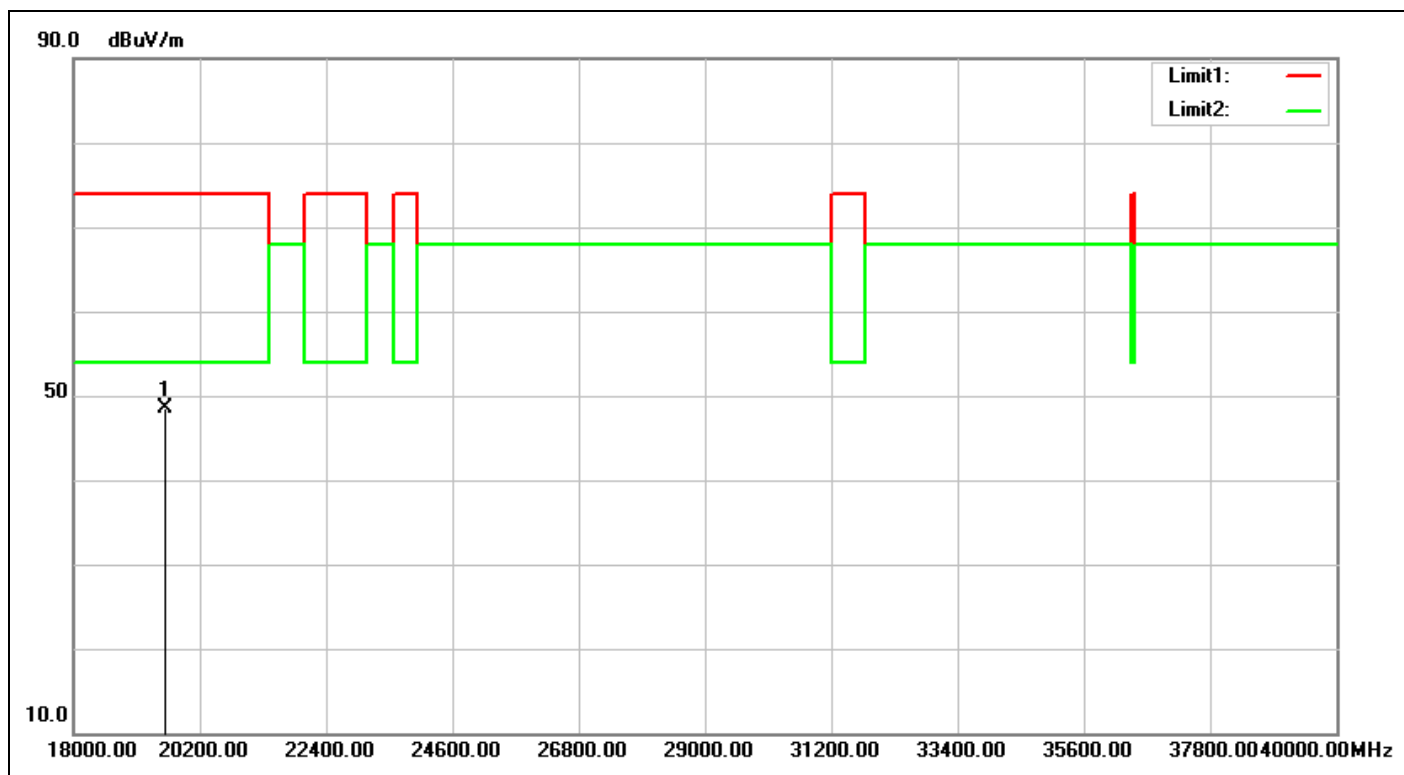
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:29:14
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



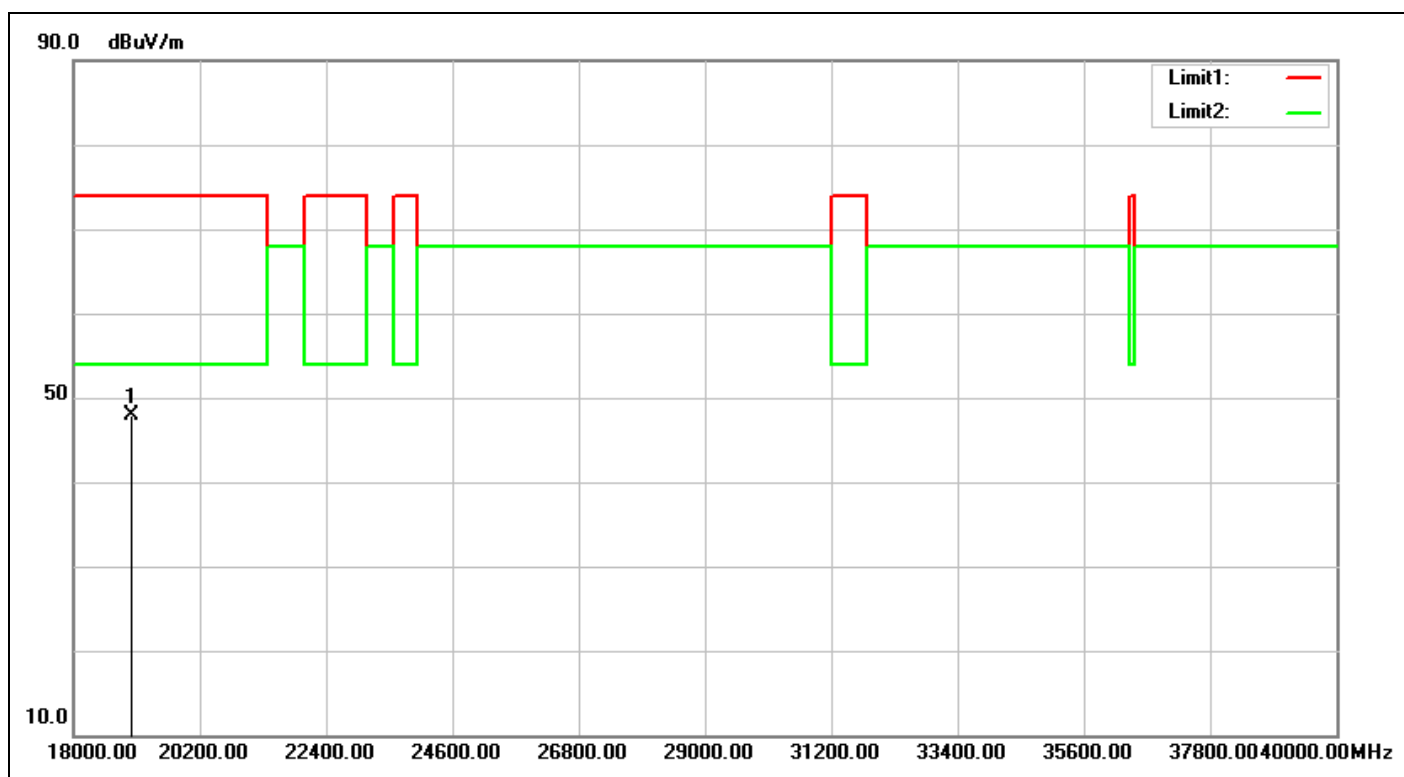
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:29:45
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
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			



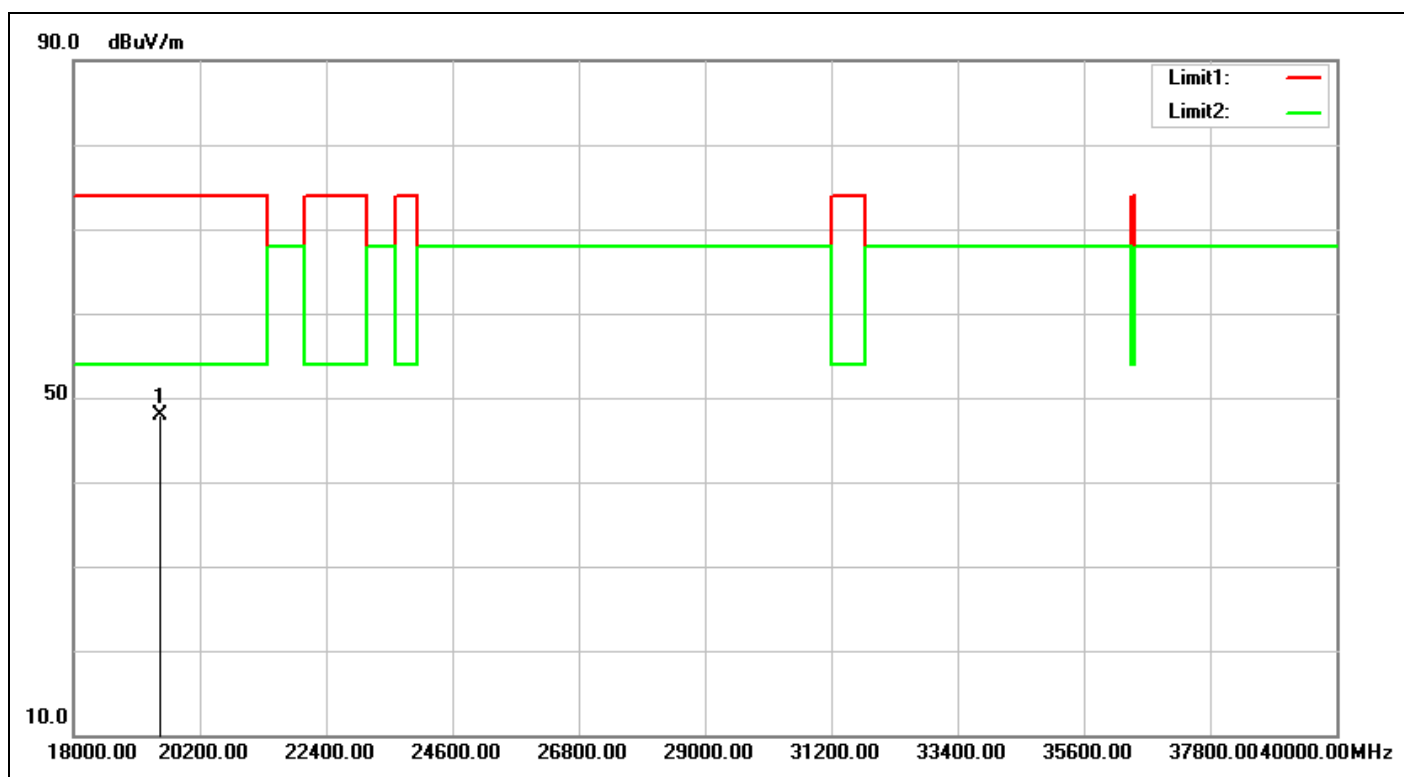
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:29:51
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model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



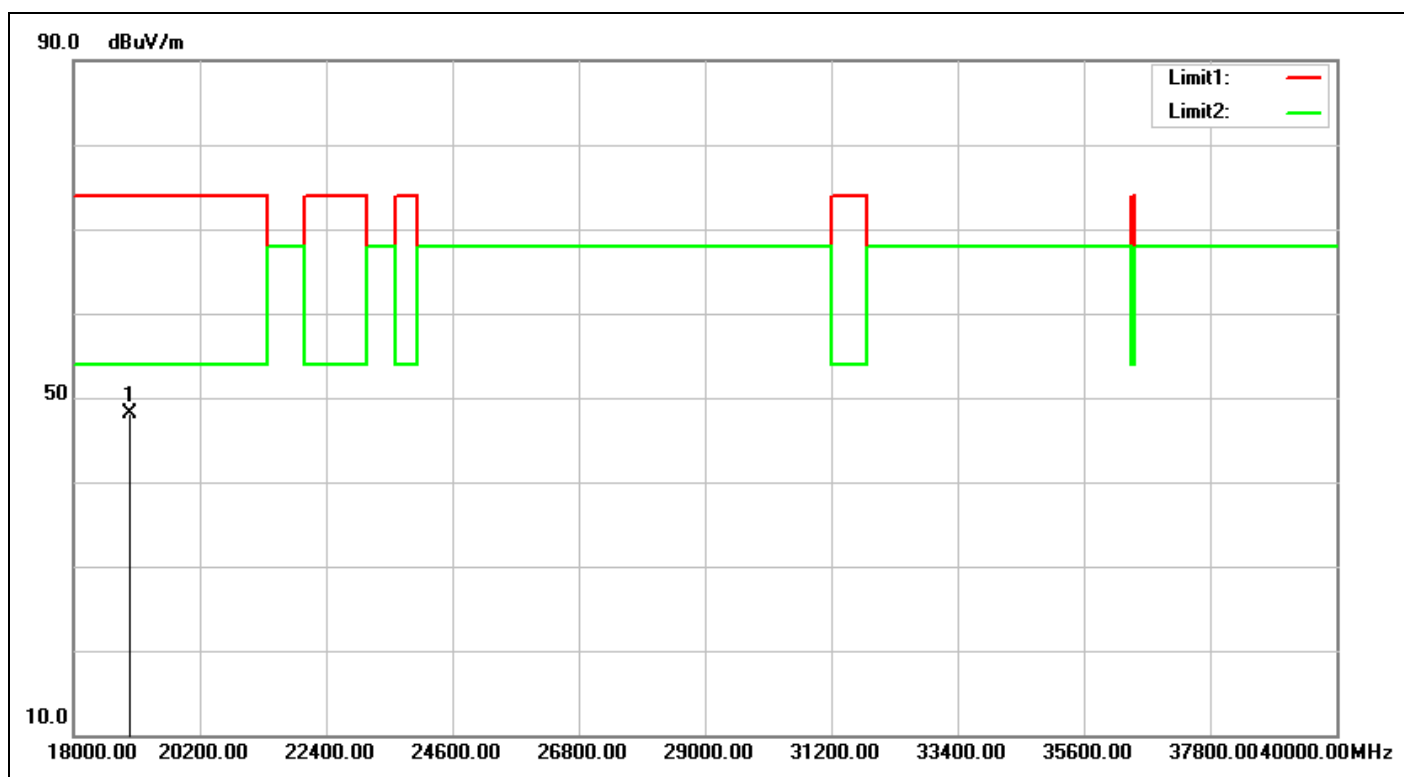
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/14 00:30:22
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
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			



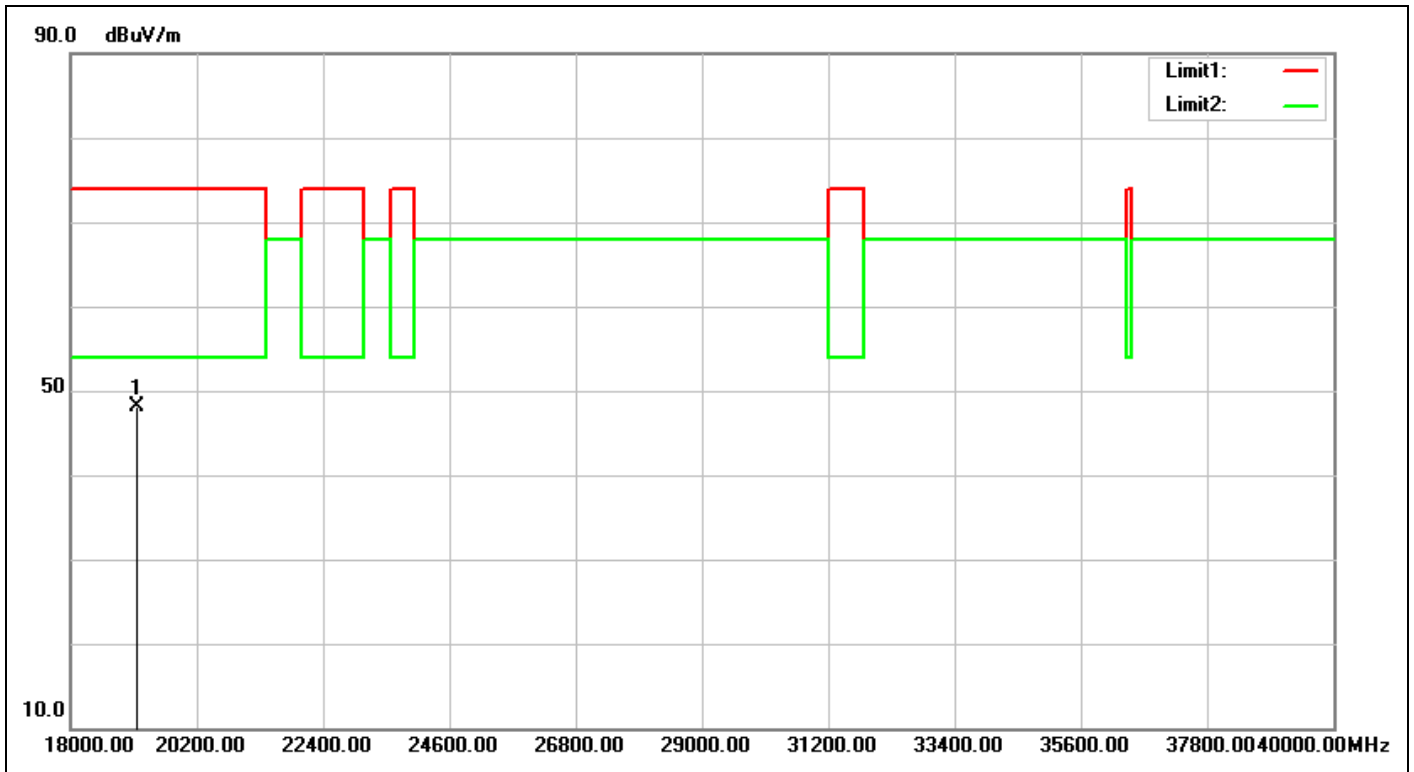
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/4/14 00:30:29
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
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			

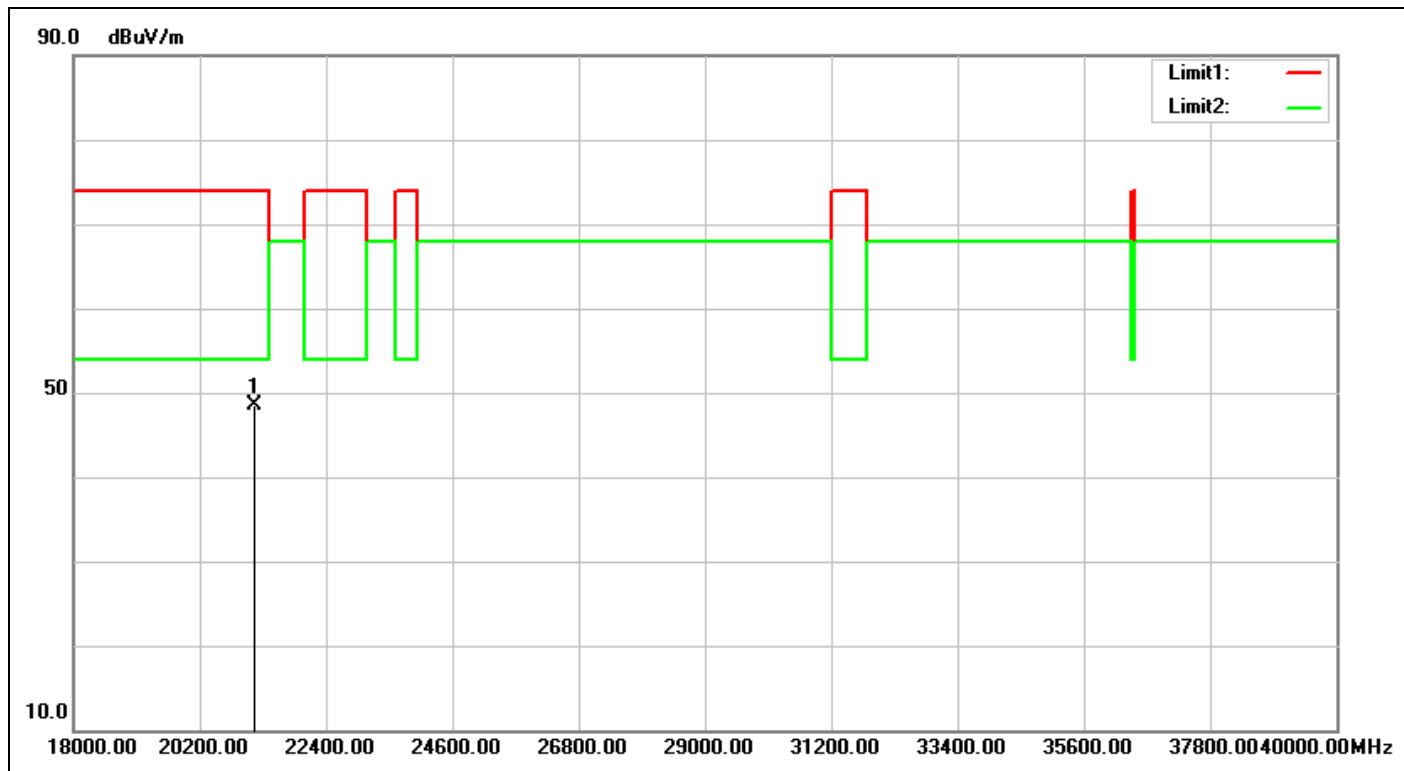
Spurious Emissions, RX Mode, 18-40G, Straddle Channel



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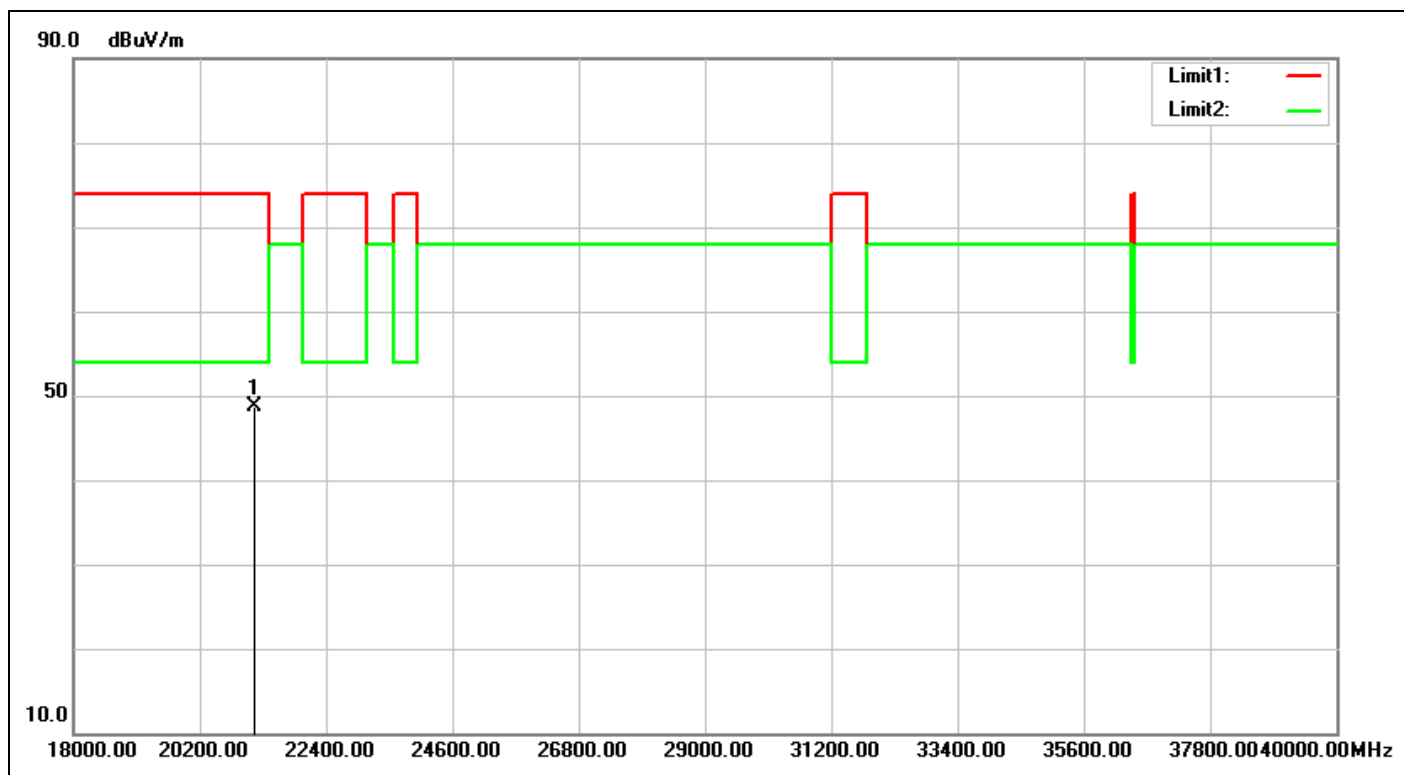
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Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/4/20 01:33:51
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 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			

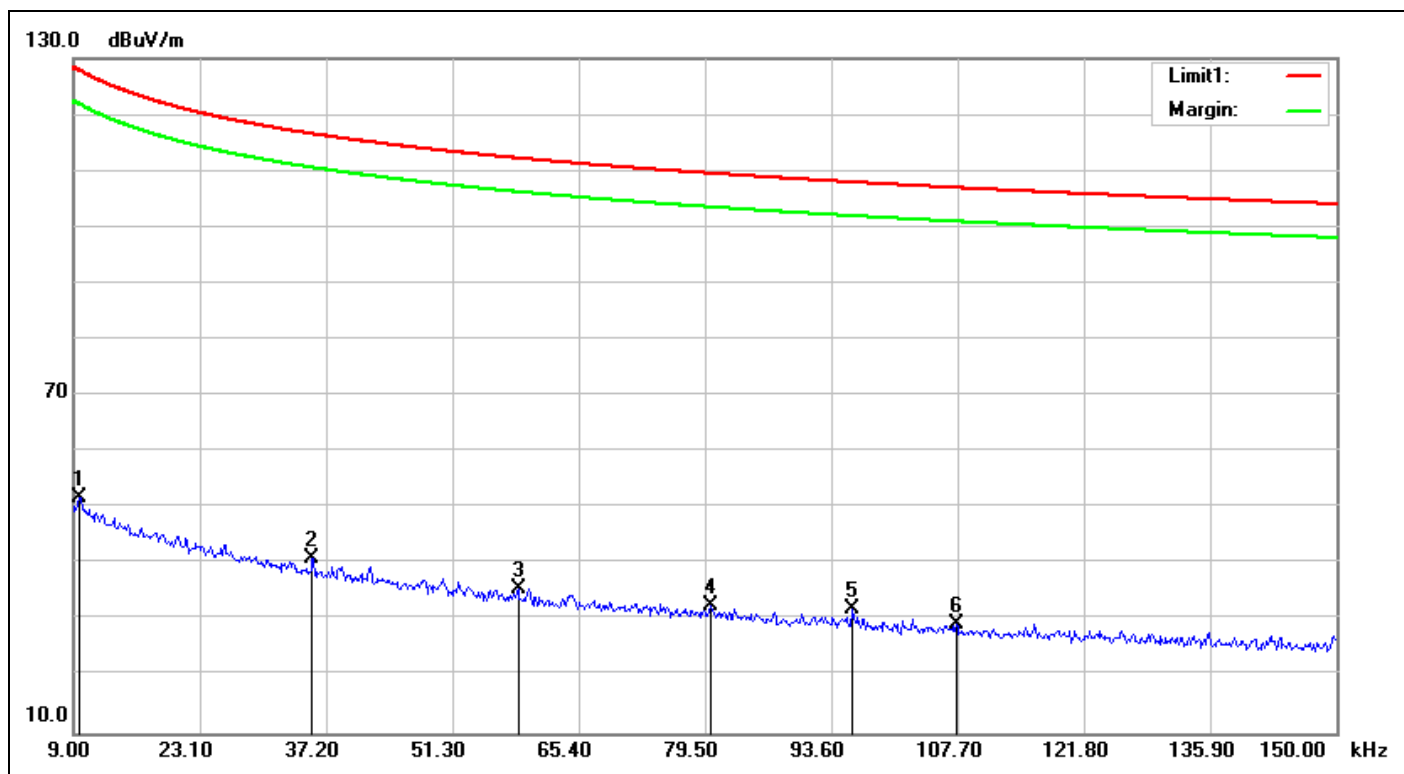
Spurious Emissions, RX Mode, 9k-30M



TUV Rheinland Taiwan Ltd.

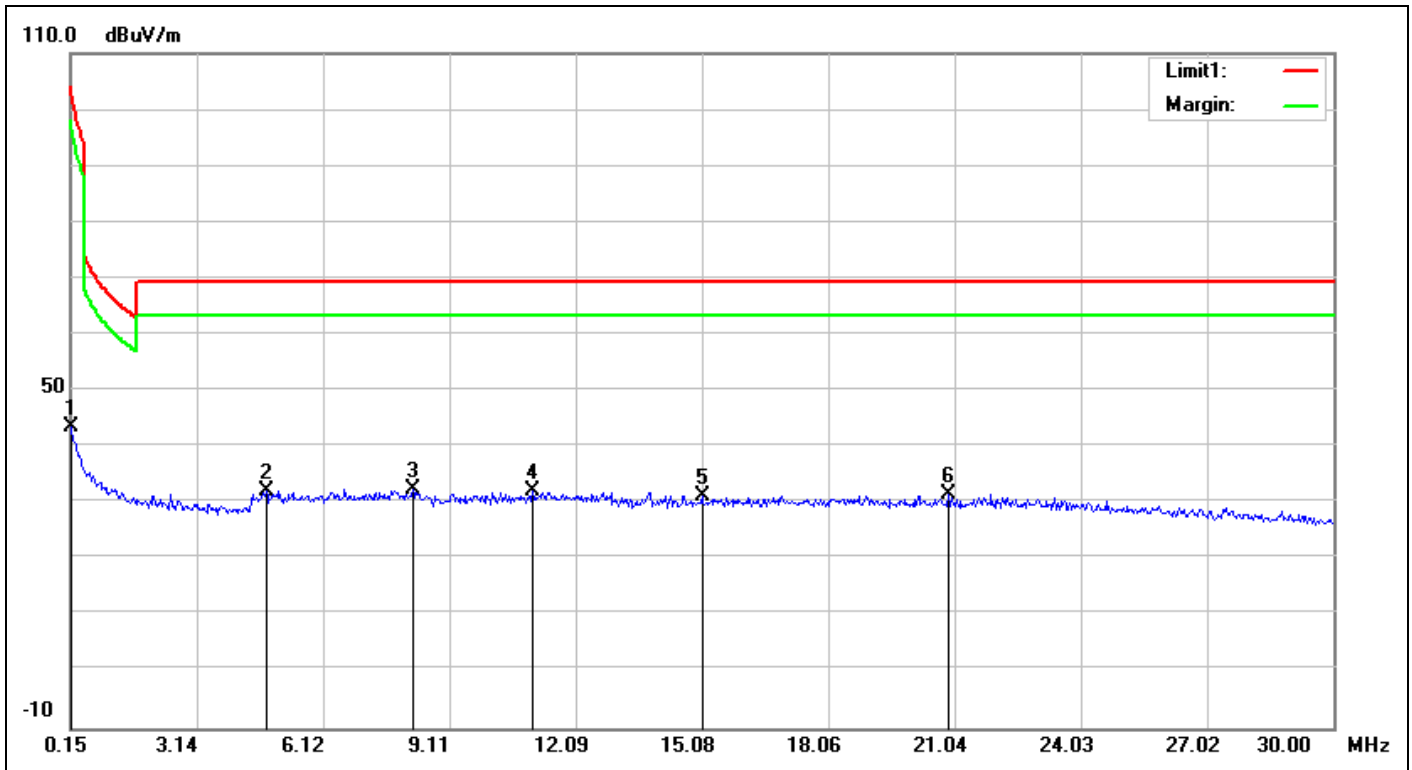
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



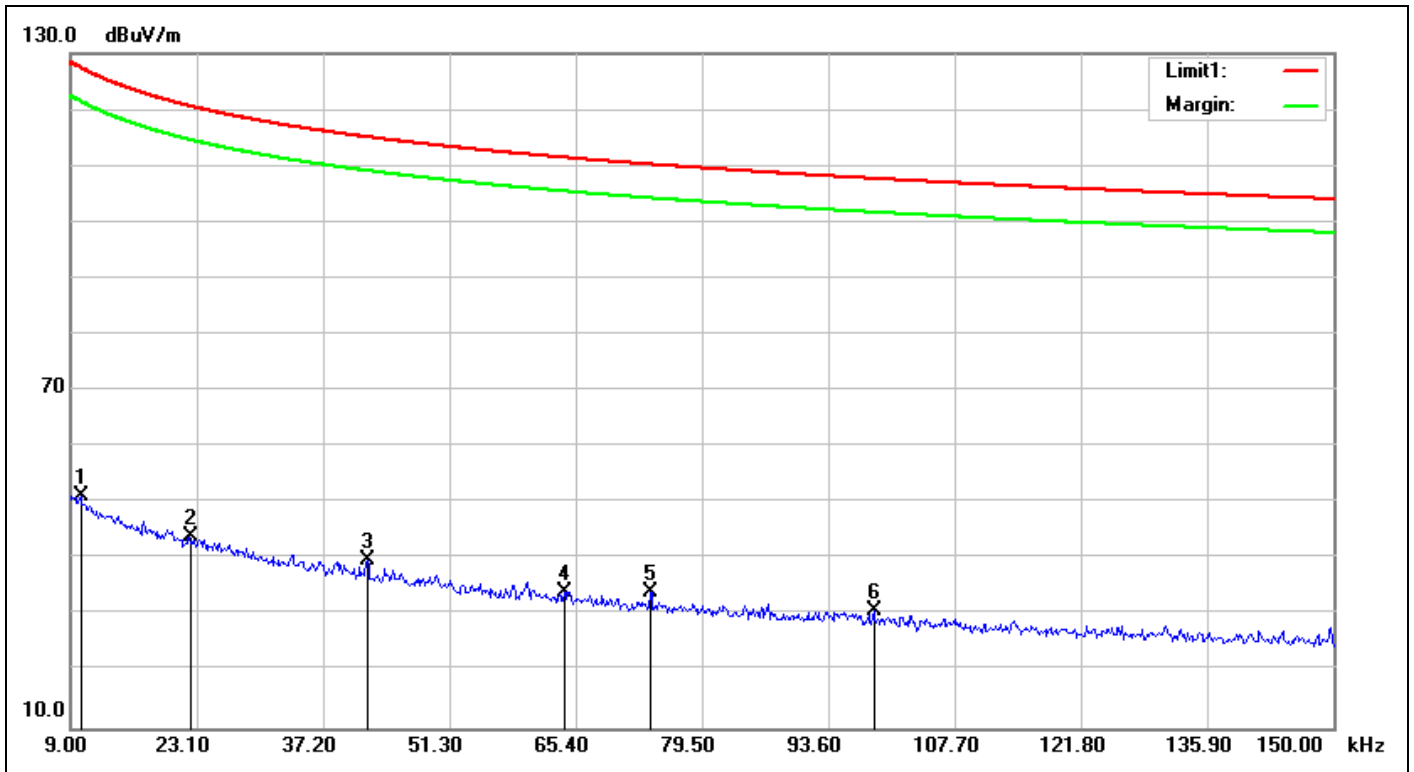
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:26:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033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



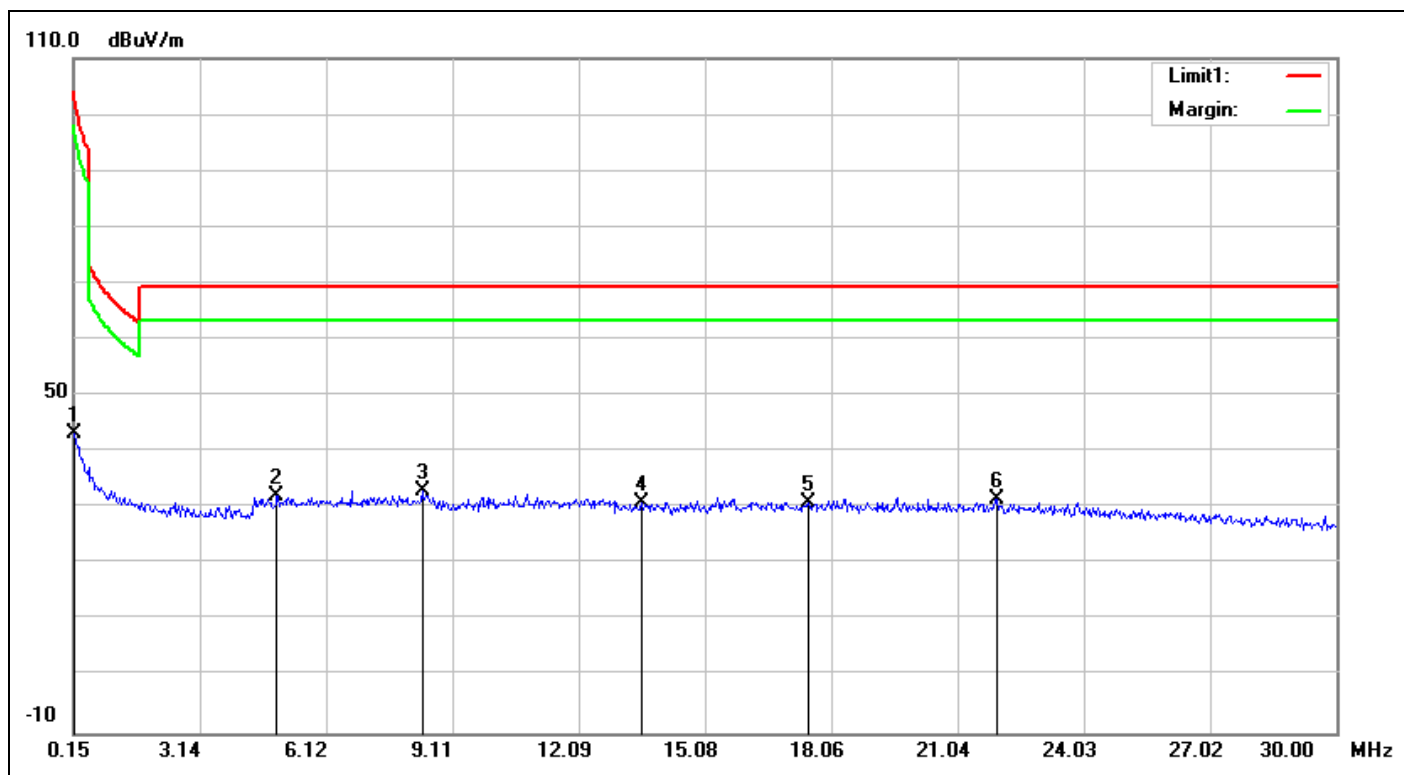
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:38:40
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033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



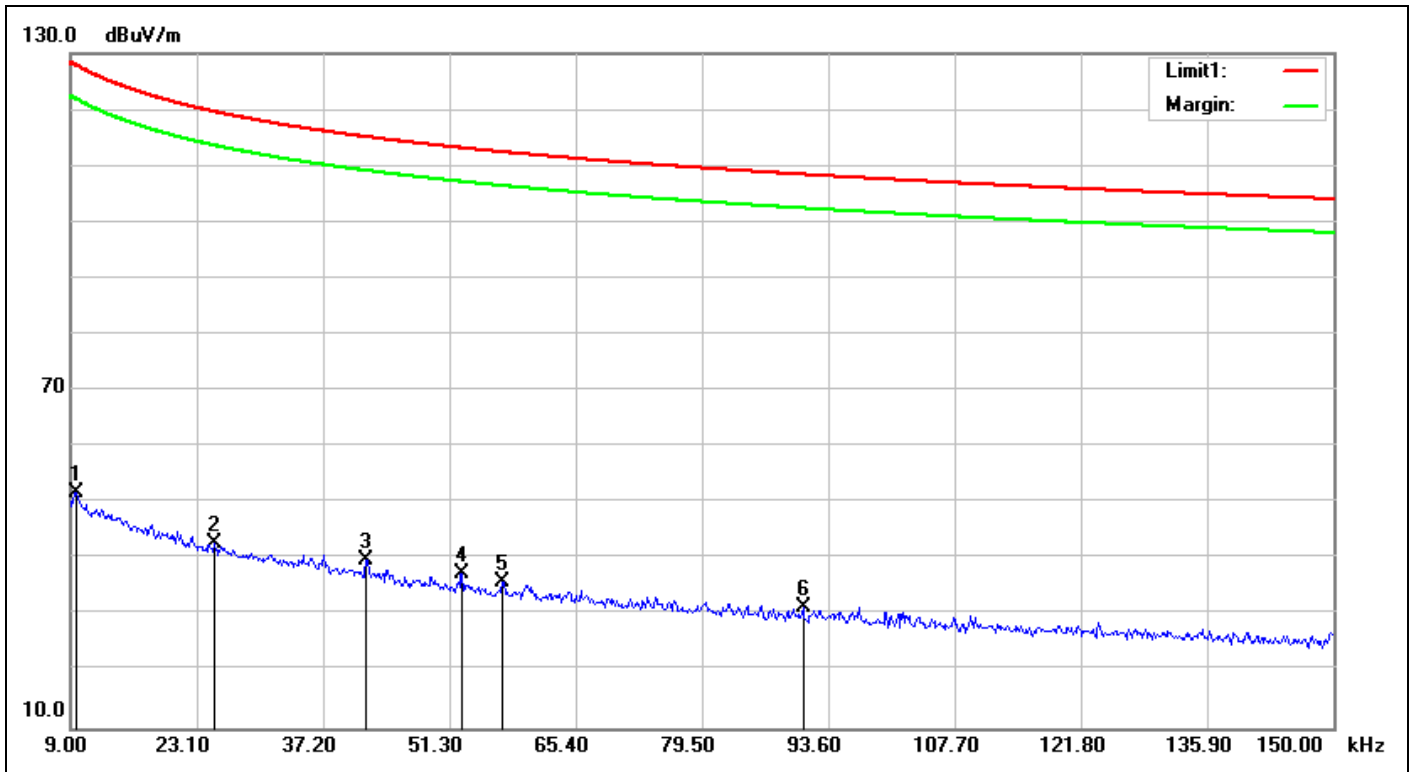
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:28:52
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033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



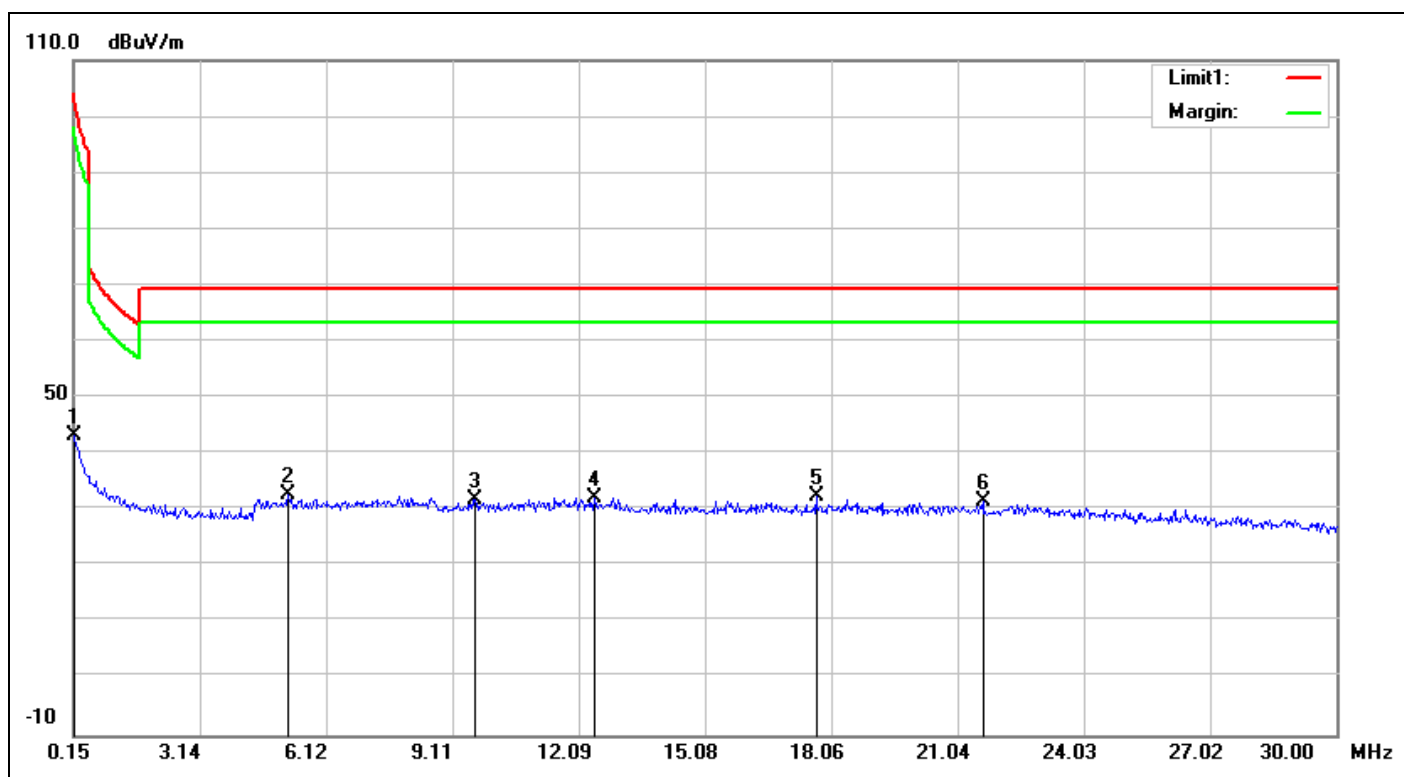
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:41:00
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033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



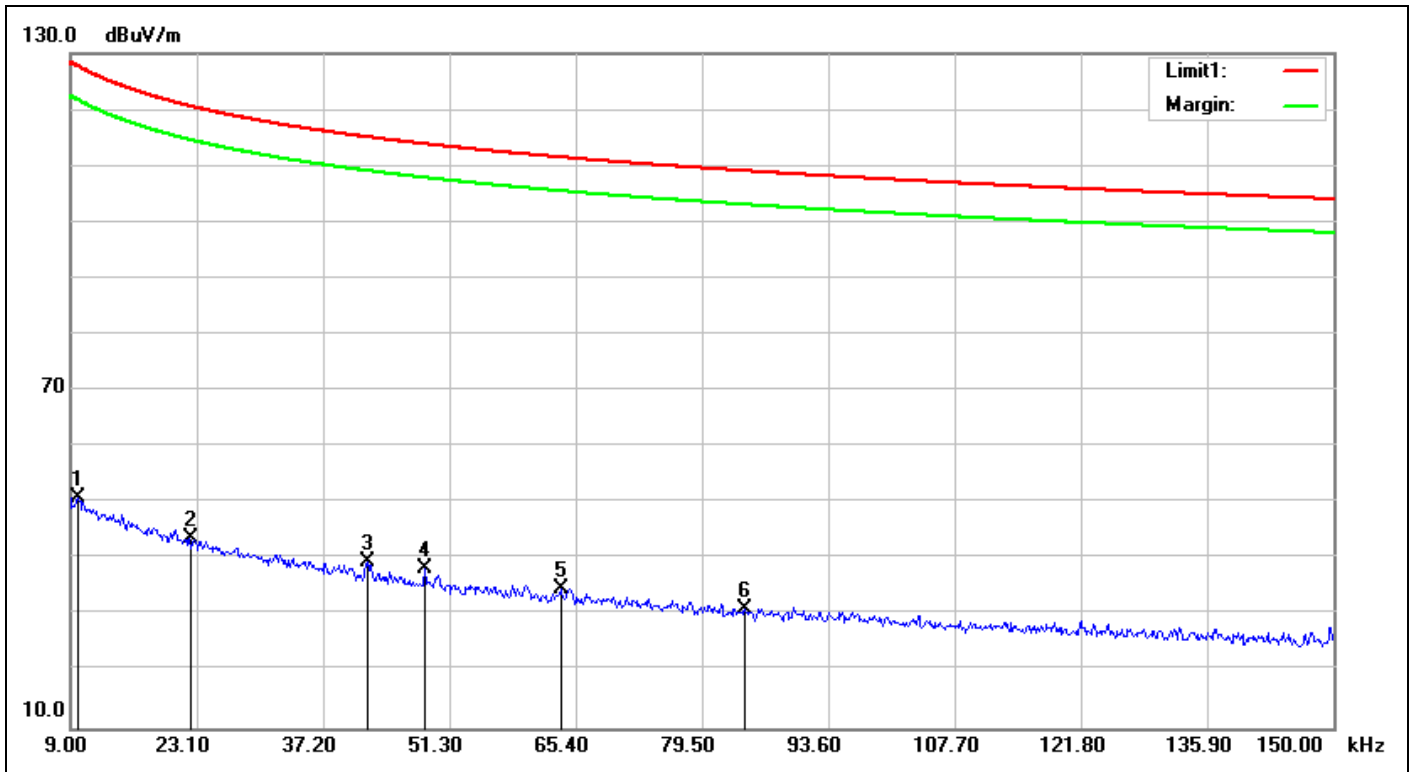
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:31:14
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033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



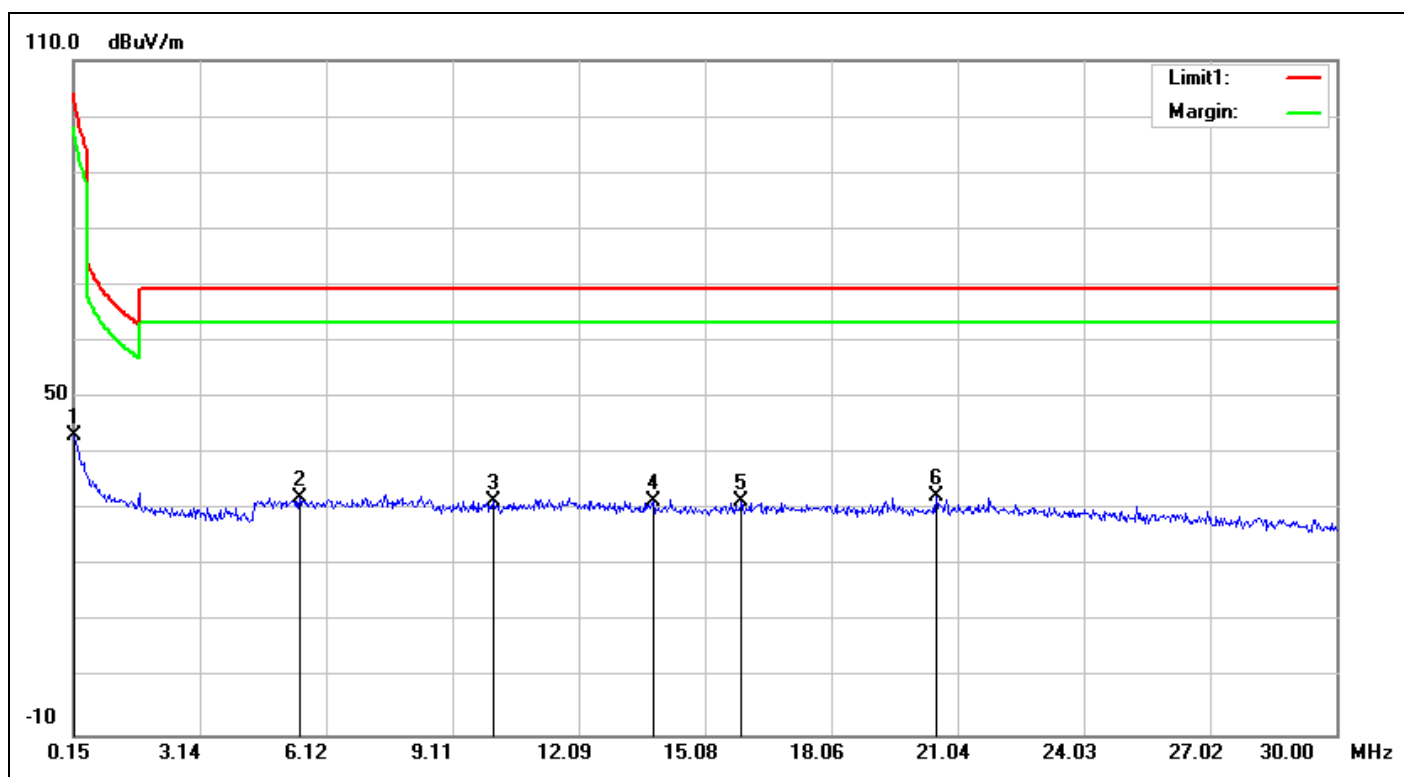
Service No.:	114076042	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/4/14 01:43:30
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 5V
Product:	802.11 a/b/g/n/ac module	Temp.(°C)/Hum.(%):	22(°C)/65%
Model No.:	WFU033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

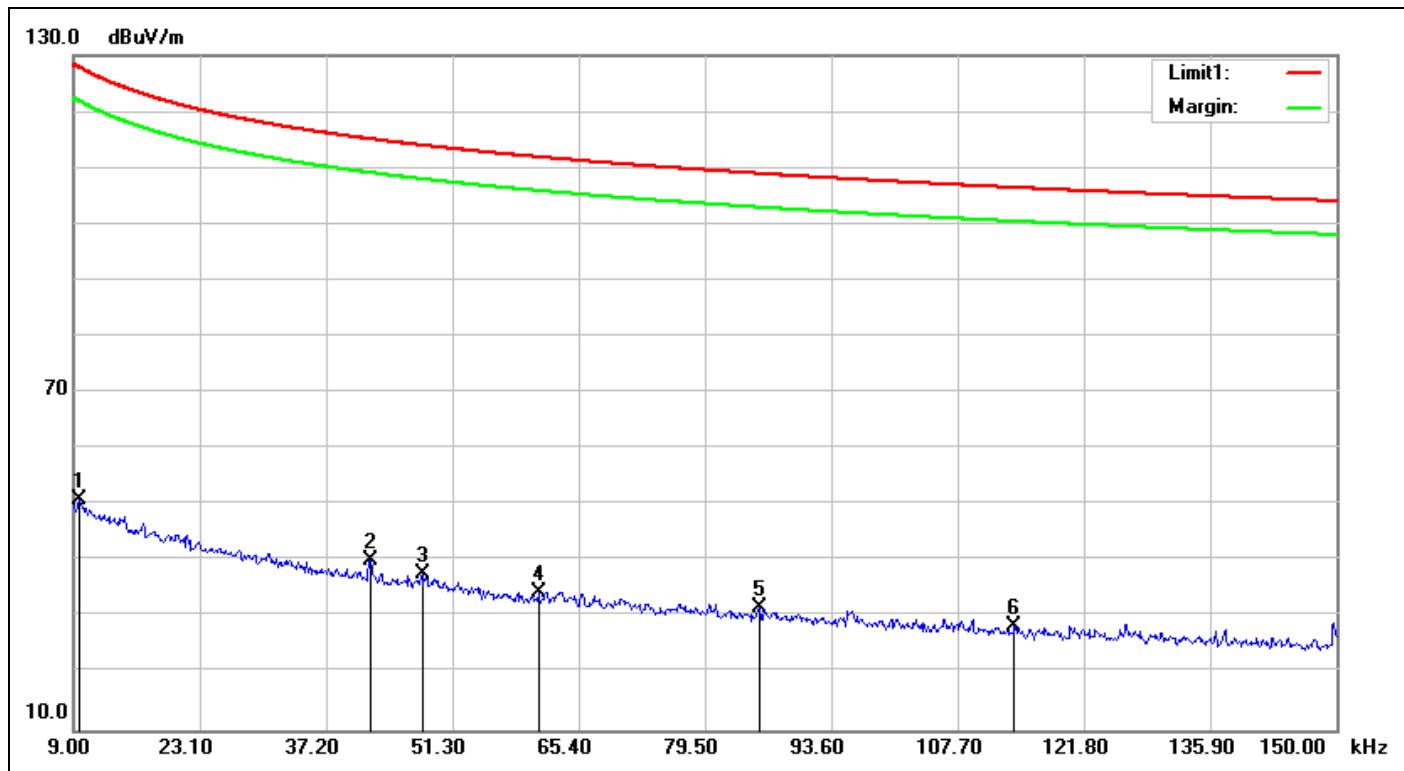
Spurious Emissions, RX Mode, 9k-30M, Straddle Channel



TUV Rheinland Taiwan Ltd.

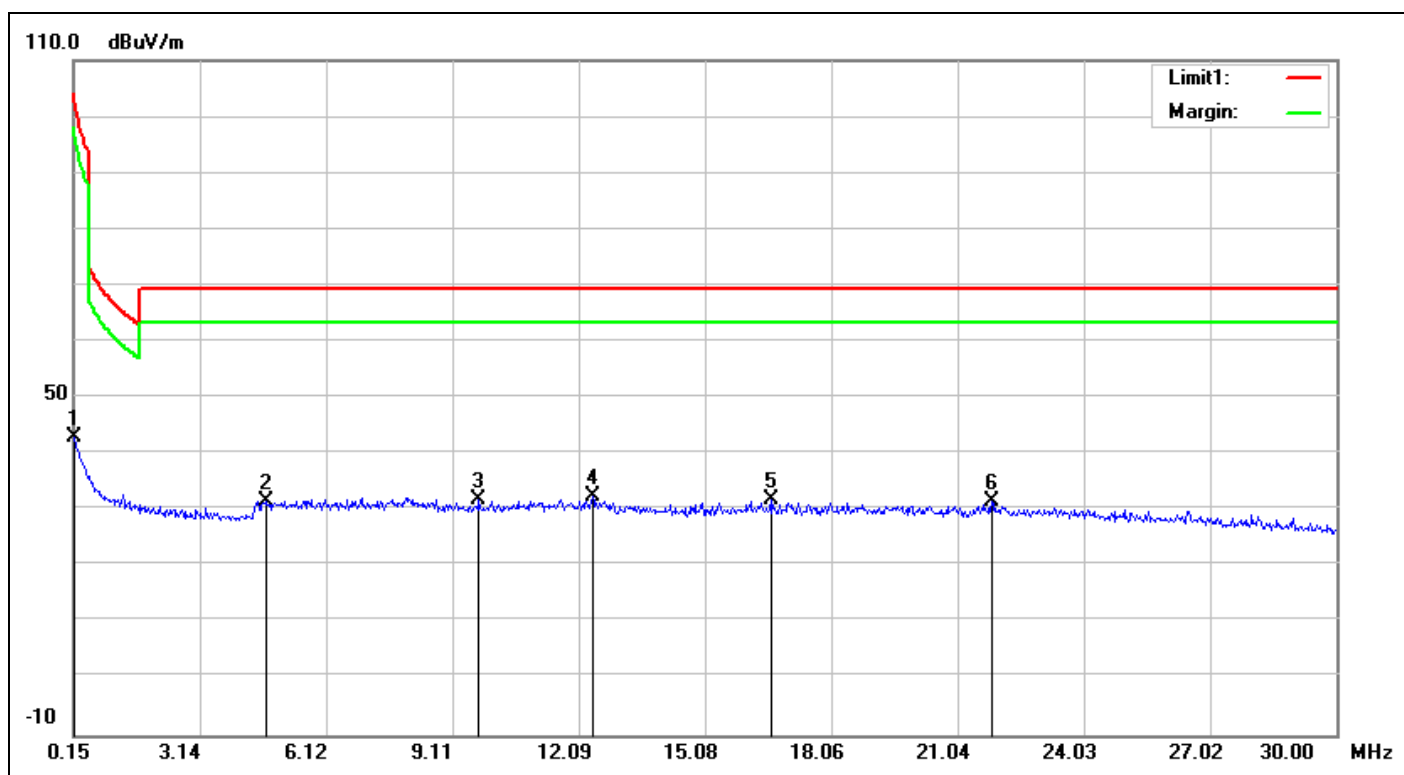
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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	

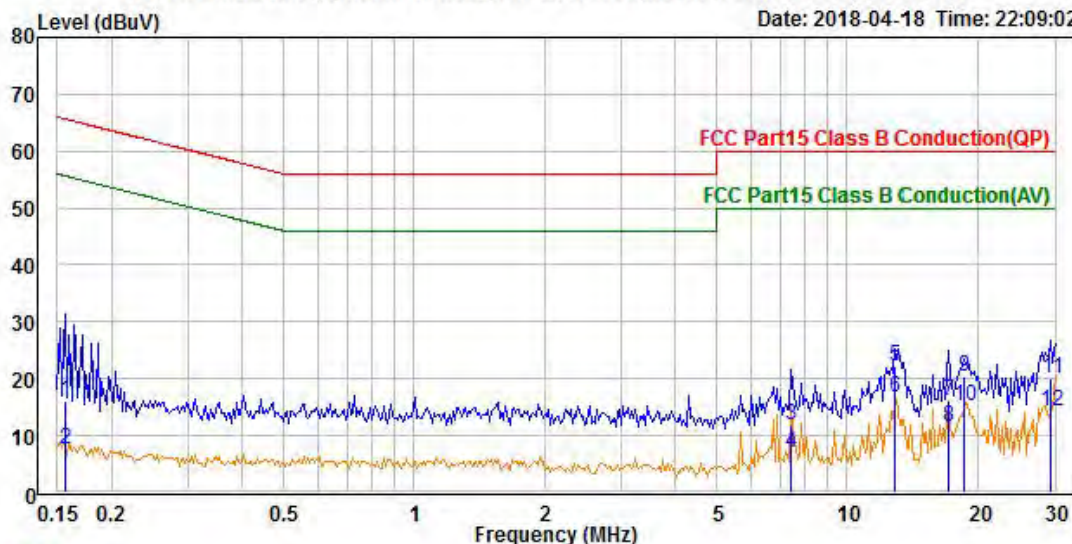
Mains Emissions, 150k-30M



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



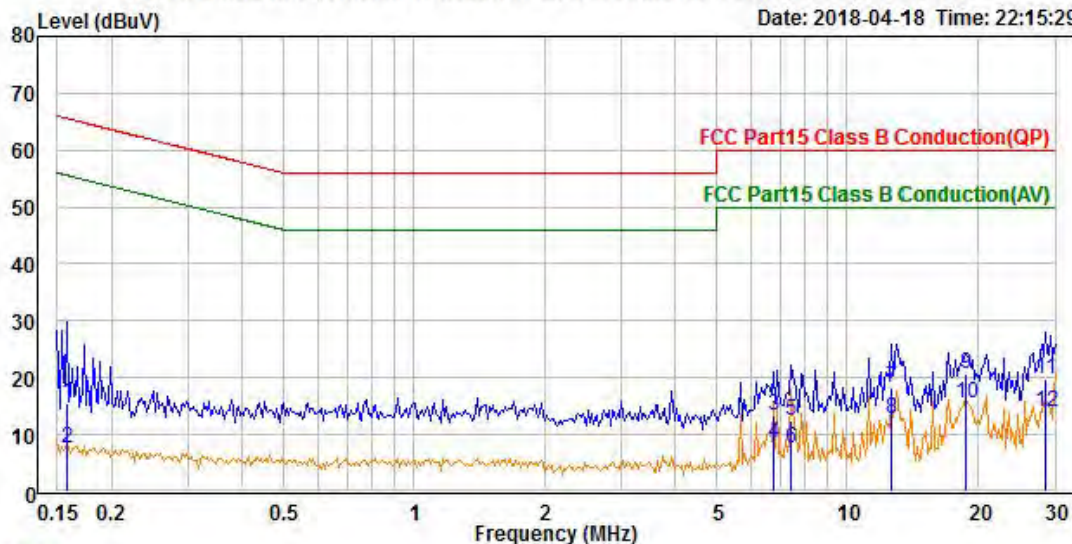
Trace: 1

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

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	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

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	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