

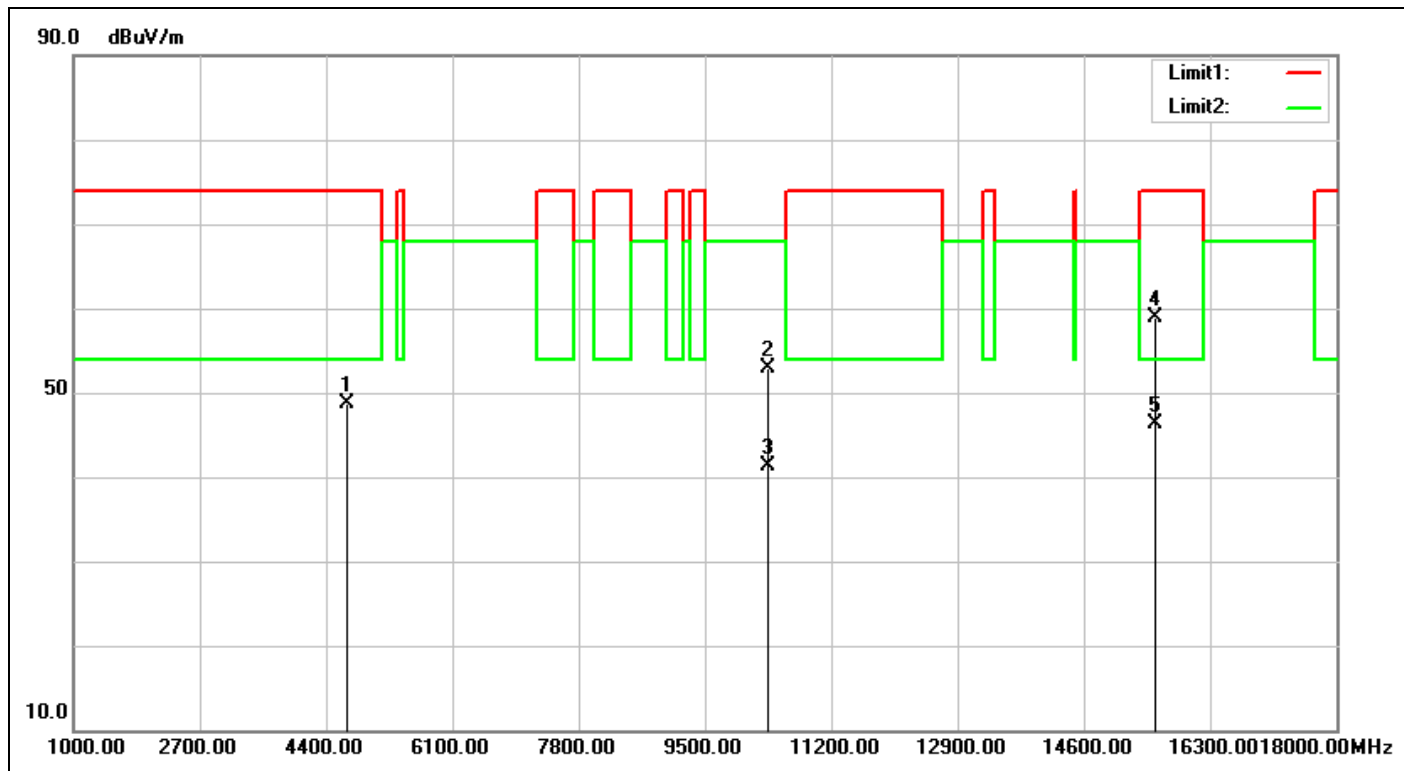
Spurious Emissions, TX Mode, 1-18G, U-NII-1



TUV Rheinland Taiwan Ltd.

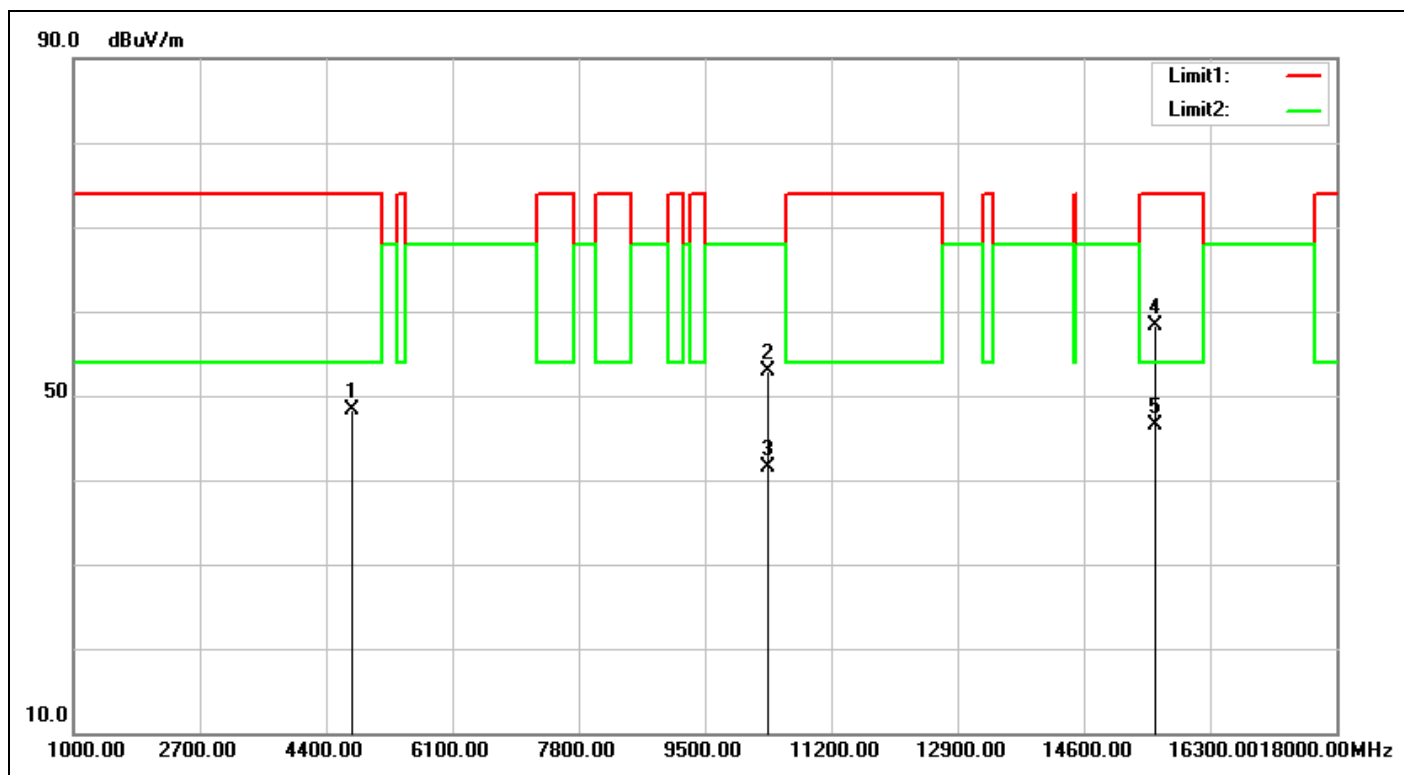
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



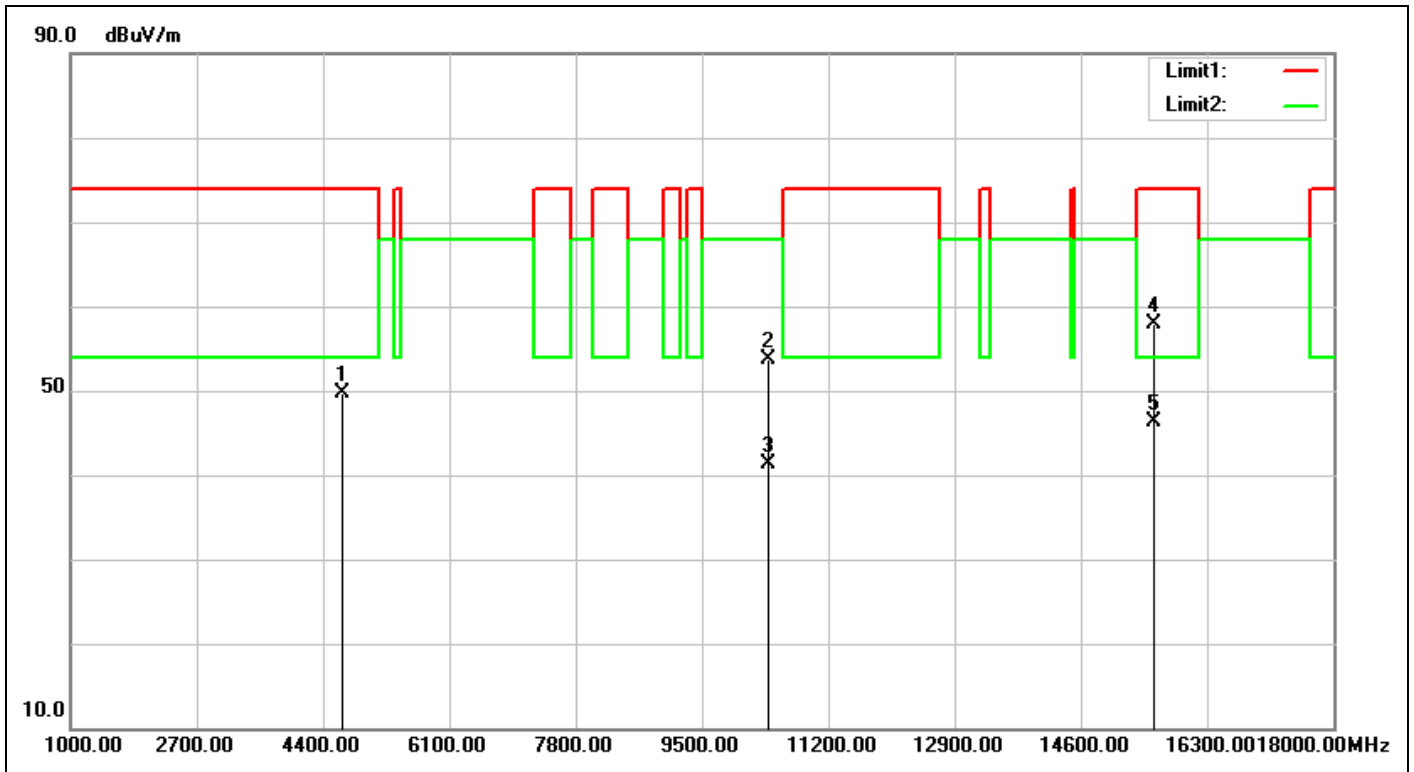
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 20:25:22
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5180-TX		
Remark:			

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	50.62	48.68	74.00	-25.32	peak	100	156	
2	10360.000	5.59	47.24	52.83	68.00	-15.17	peak		0	
3	10360.000	5.59	35.63	41.22	68.00	-26.78	AVG		0	
4	15540.000	11.53	47.40	58.93	74.00	-15.07	peak		0	
5	15540.000	11.53	34.86	46.39	54.00	-7.61	AVG		0	



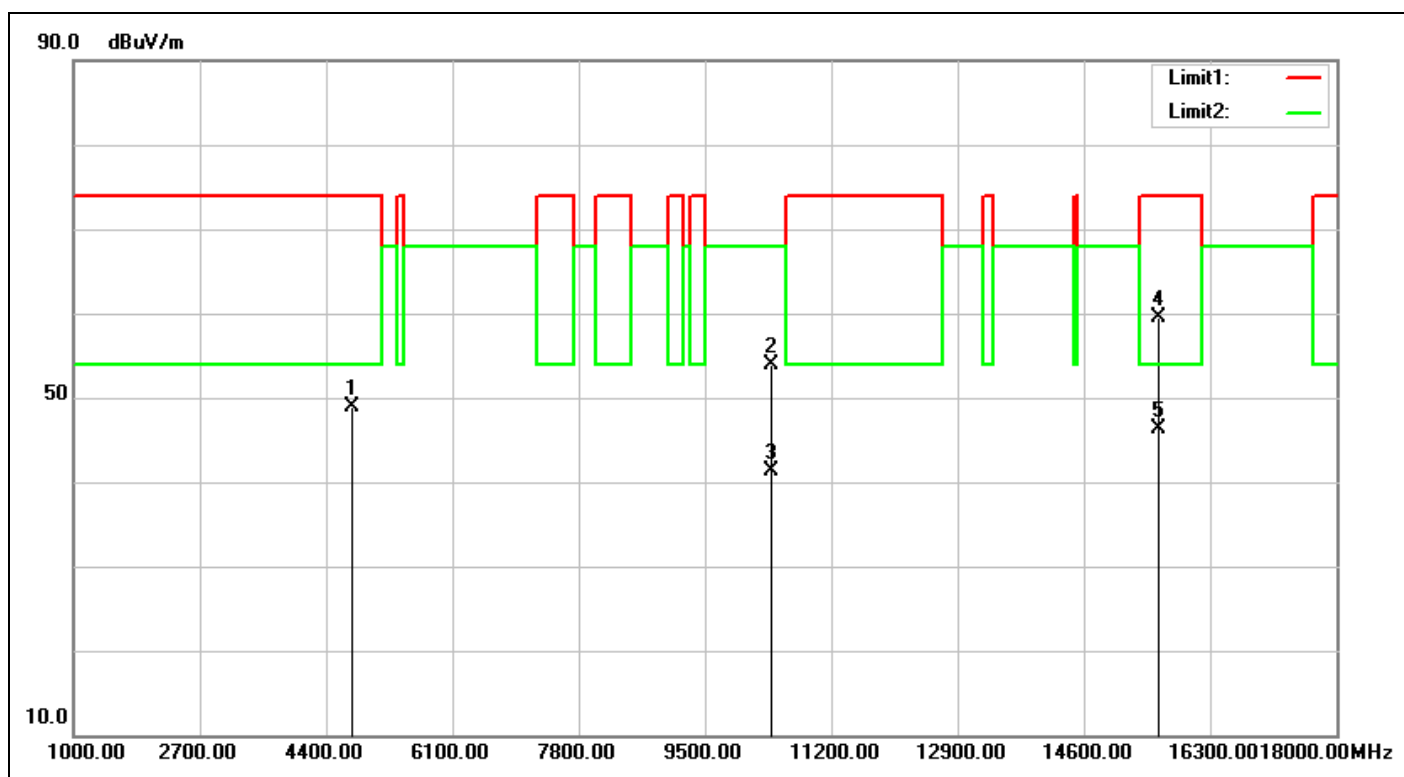
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 20:26:14
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5180-TX		
Remark:			

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	50.21	48.40	74.00	-25.60	peak	100	88	
2	10360.000	5.59	47.31	52.90	68.00	-15.10	peak			
3	10360.000	5.59	35.84	41.43	68.00	-26.57	AVG			
4	15540.000	11.53	46.68	58.21	74.00	-15.79	peak			
5	15540.000	11.53	34.88	46.41	54.00	-7.59	AVG			



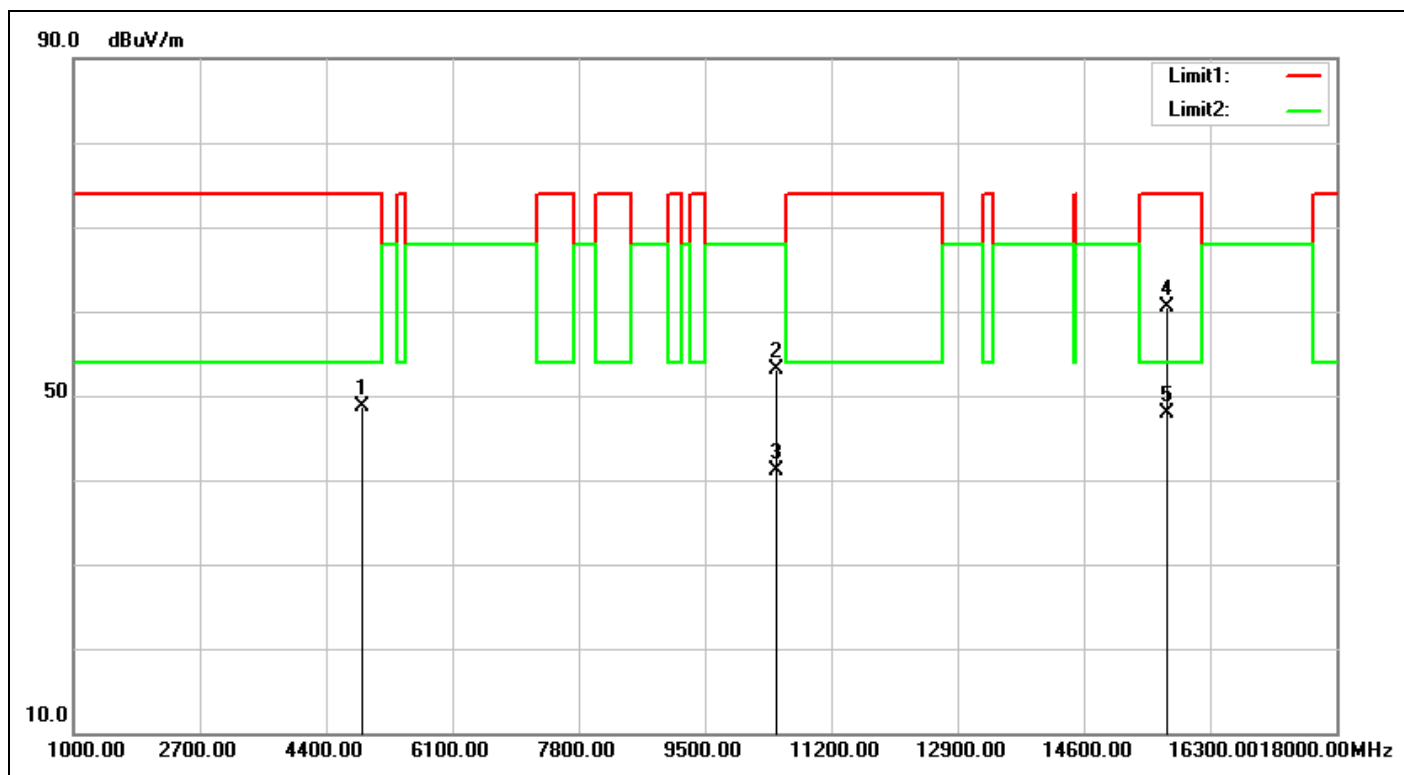
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 20:34:21
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5200-TX		
Remark:			

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	51.62	49.65	74.00	-24.35	peak	100	140	
2	10400.000	5.49	48.18	53.67	68.00	-14.33	peak			
3	10400.000	5.49	35.85	41.34	68.00	-26.66	AVG			
4	15600.000	11.69	46.18	57.87	74.00	-16.13	peak			
5	15600.000	11.69	34.60	46.29	54.00	-7.71	AVG			



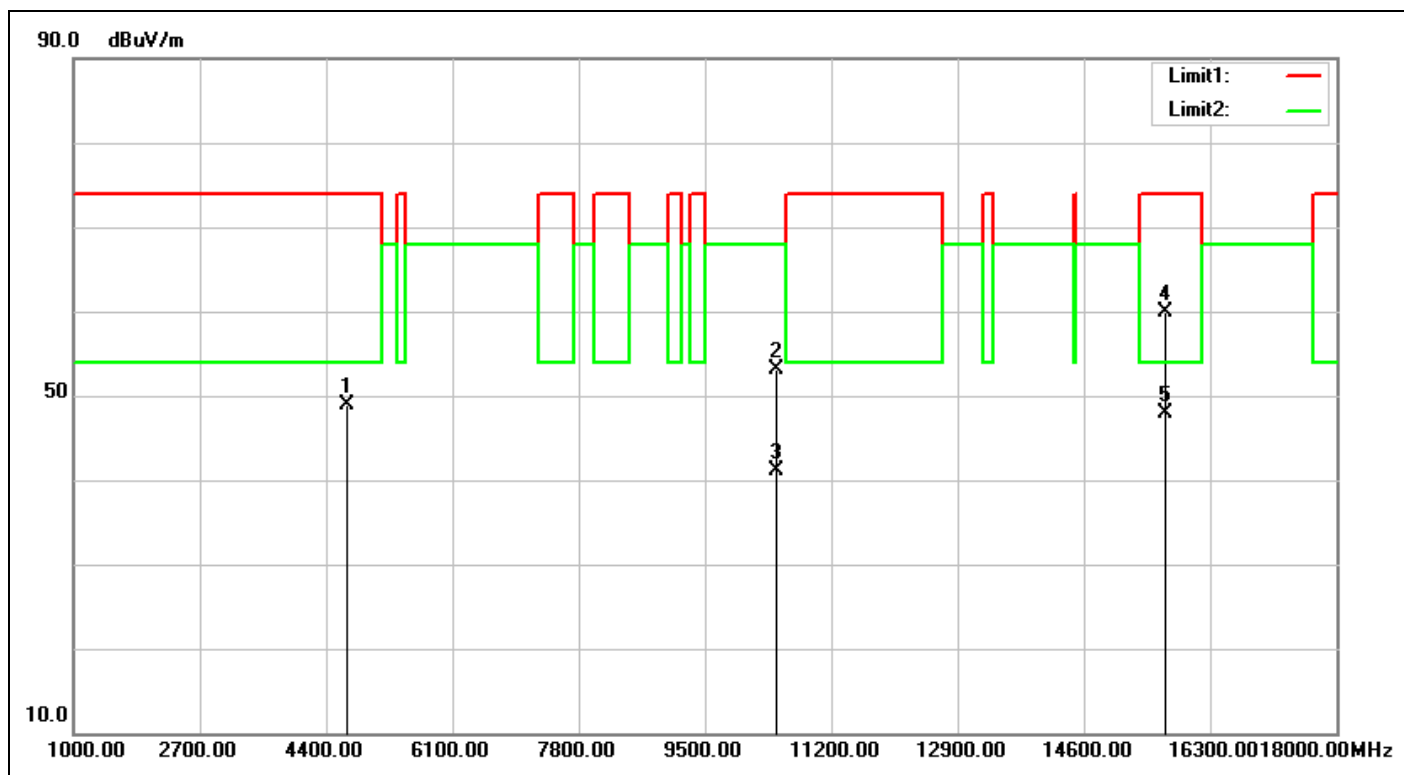
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 20:35:13
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5200-TX		
Remark:			

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	50.65	48.84	74.00	-25.16	peak	100	315	
2	10400.000	5.49	48.33	53.82	68.00	-14.18	peak			
3	10400.000	5.49	35.82	41.31	68.00	-26.69	AVG			
4	15600.000	11.69	47.90	59.59	74.00	-14.41	peak			
5	15600.000	11.69	34.64	46.33	54.00	-7.67	AVG			



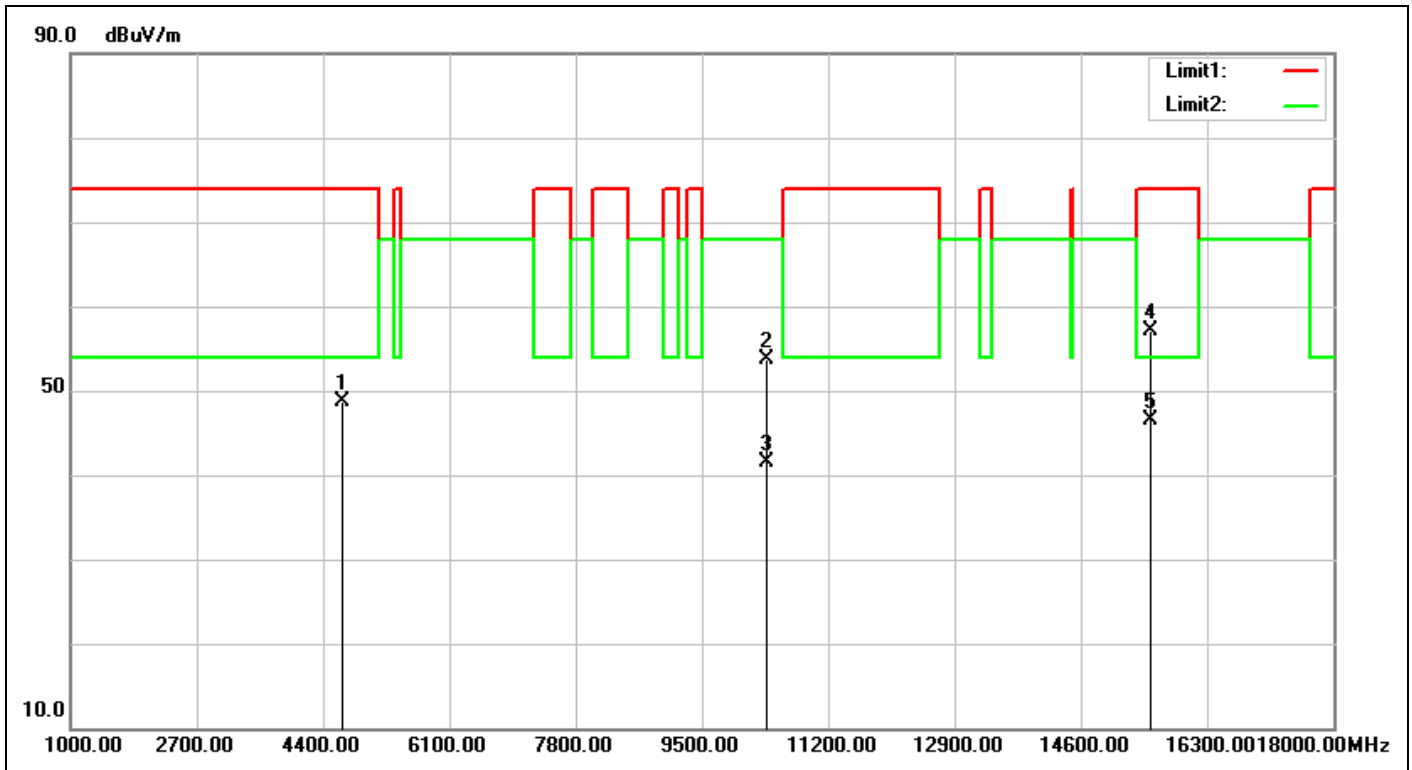
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 20:40:12
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5240-TX		
Remark:			

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	50.21	48.62	74.00	-25.38	peak	100	188	
2	10480.000	5.32	47.87	53.19	68.00	-14.81	peak			
3	10480.000	5.32	35.81	41.13	68.00	-26.87	AVG			
4	15720.000	12.02	48.52	60.54	74.00	-13.46	peak			
5	15720.000	12.02	35.86	47.88	54.00	-6.12	AVG			



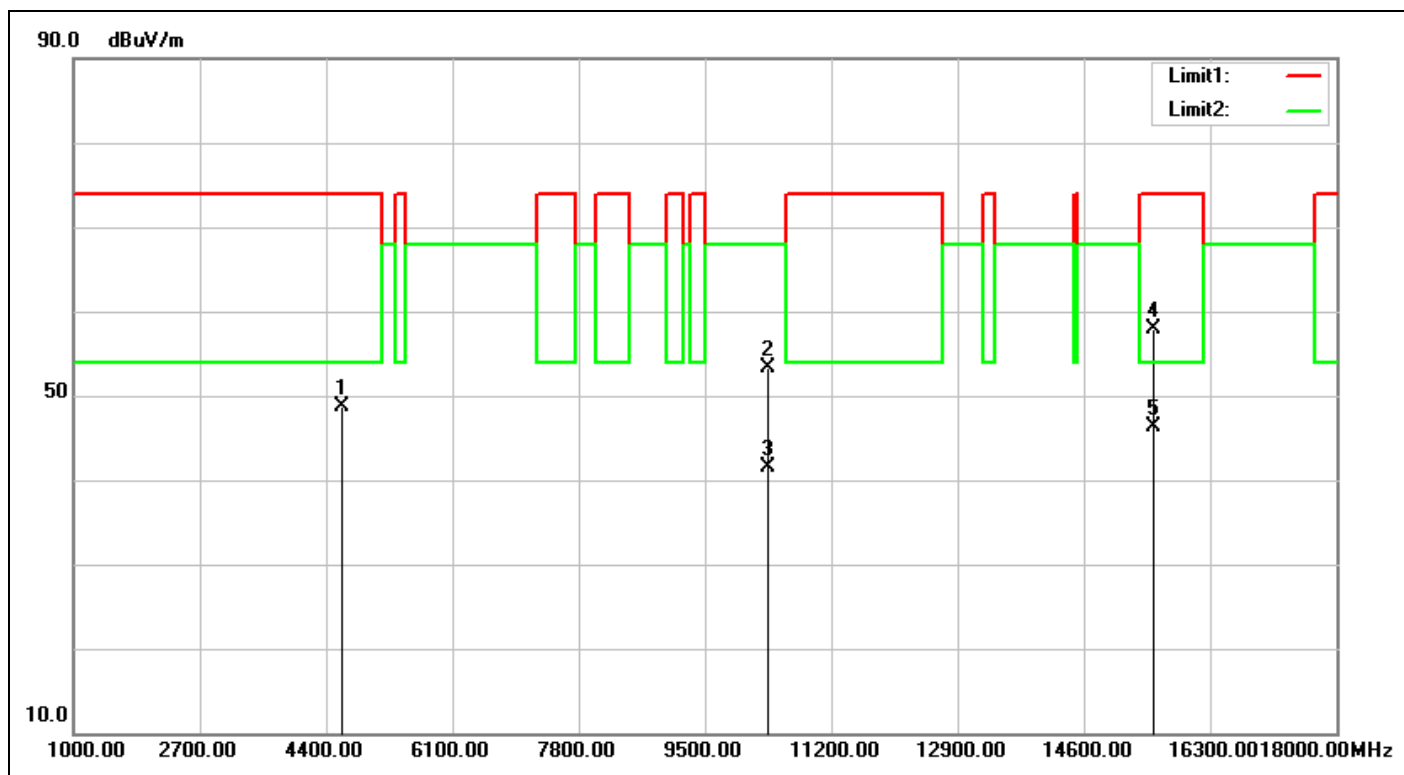
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 20:41:04
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5240-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4689.000	-1.91	50.86	48.95	74.00	-25.05	peak	100	166	
2	10480.000	5.32	47.79	53.11	68.00	-14.89	peak			
3	10480.000	5.32	35.75	41.07	68.00	-26.93	AVG			
4	15720.000	12.02	47.83	59.85	74.00	-14.15	peak			
5	15720.000	12.02	35.82	47.84	54.00	-6.16	AVG			



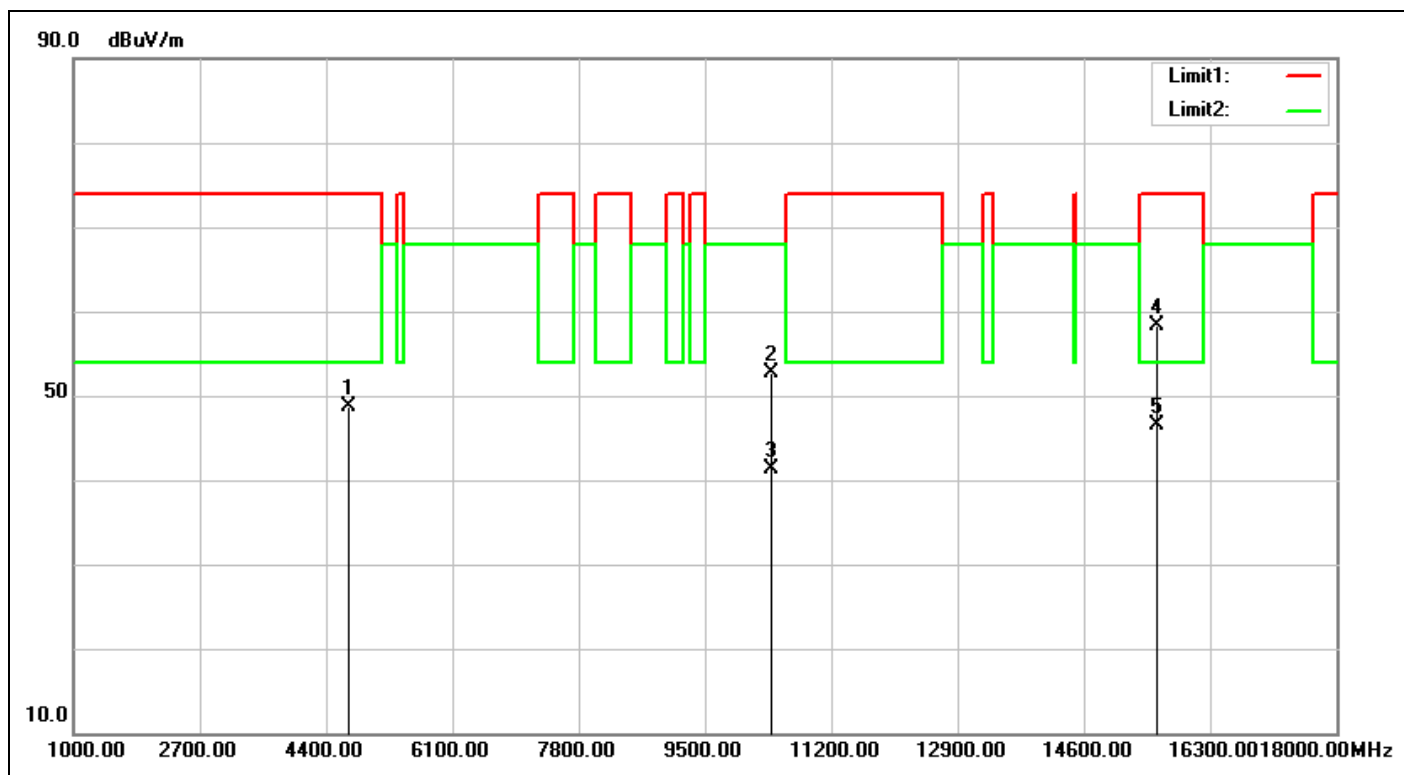
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 20:45:41
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5180-TX		
Remark:			

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	50.71	48.74	74.00	-25.26	peak	100	17	
2	10360.000	5.59	48.17	53.76	68.00	-14.24	peak			
3	10360.000	5.59	35.89	41.48	68.00	-26.52	AVG			
4	15540.000	11.53	45.65	57.18	74.00	-16.82	peak			
5	15540.000	11.53	34.91	46.44	54.00	-7.56	AVG			



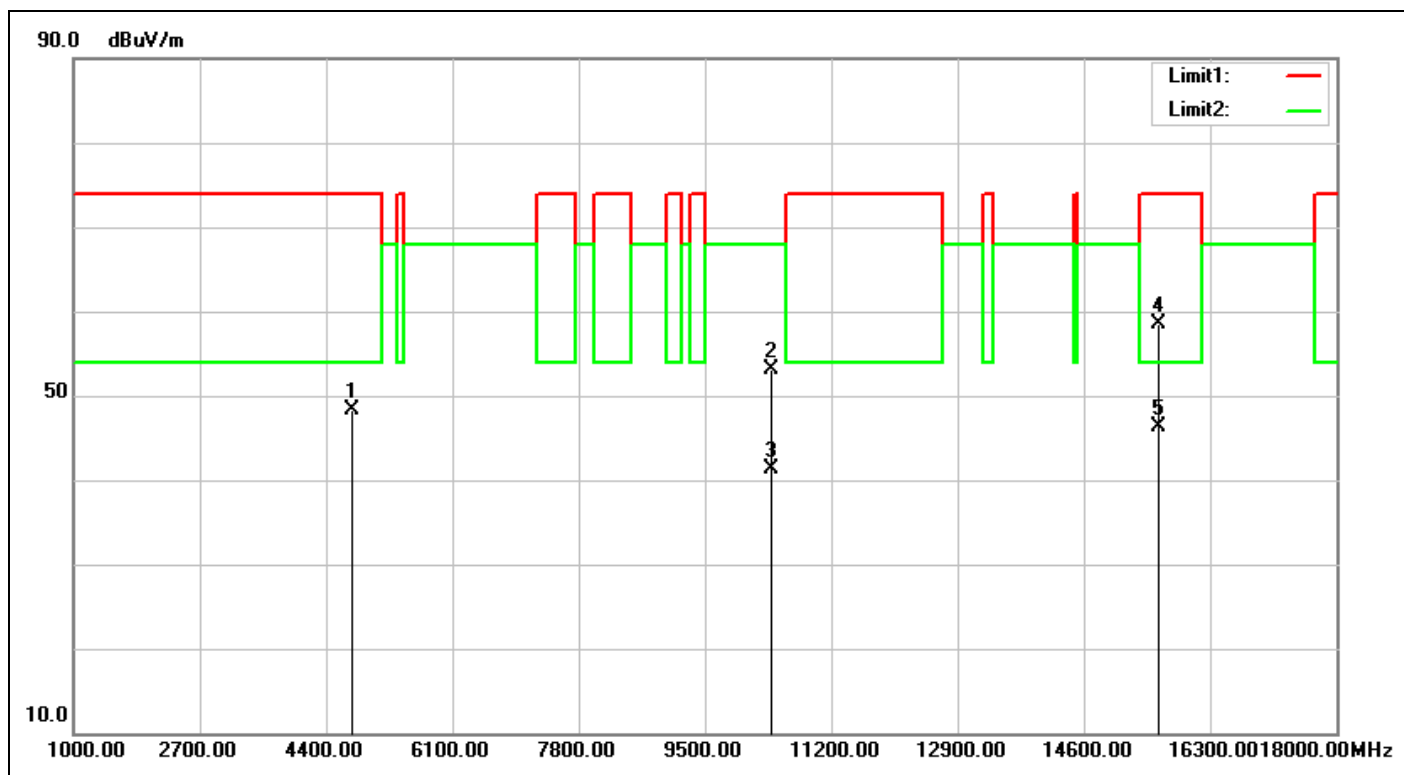
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 20:46:34
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5180-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4621.000	-2.03	50.76	48.73	74.00	-25.27	peak	100	213	
2	10360.000	5.59	47.72	53.31	68.00	-14.69	peak			
3	10360.000	5.59	35.86	41.45	68.00	-26.55	AVG			
4	15540.000	11.53	46.37	57.90	74.00	-16.10	peak			
5	15540.000	11.53	34.87	46.40	54.00	-7.60	AVG			



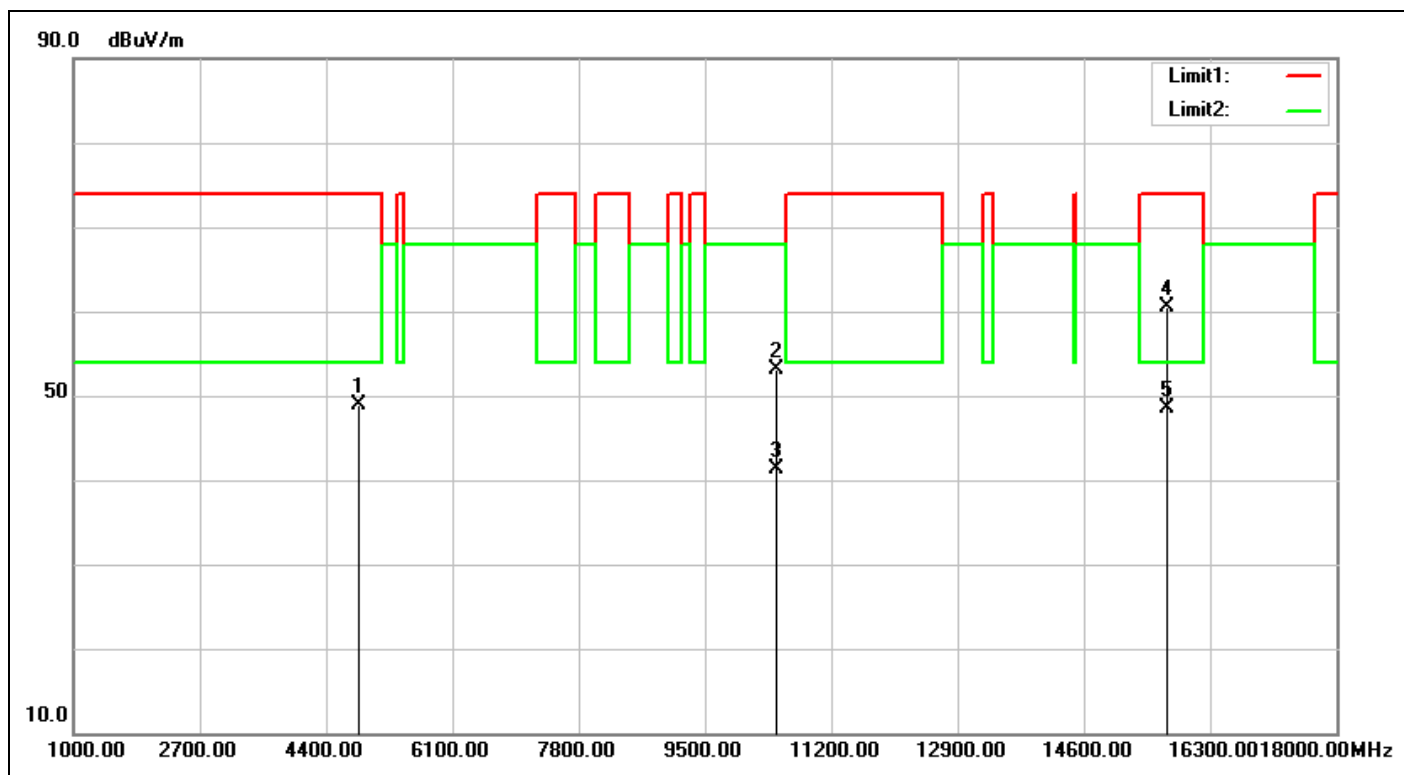
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 20:49:23
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4706.000	-1.89	50.54	48.65	74.00	-25.35	peak	100	72	
2	10400.000	5.49	47.30	52.79	68.00	-15.21	peak			
3	10400.000	5.49	35.90	41.39	68.00	-26.61	AVG			
4	15600.000	11.69	46.68	58.37	74.00	-15.63	peak			
5	15600.000	11.69	34.77	46.46	54.00	-7.54	AVG			



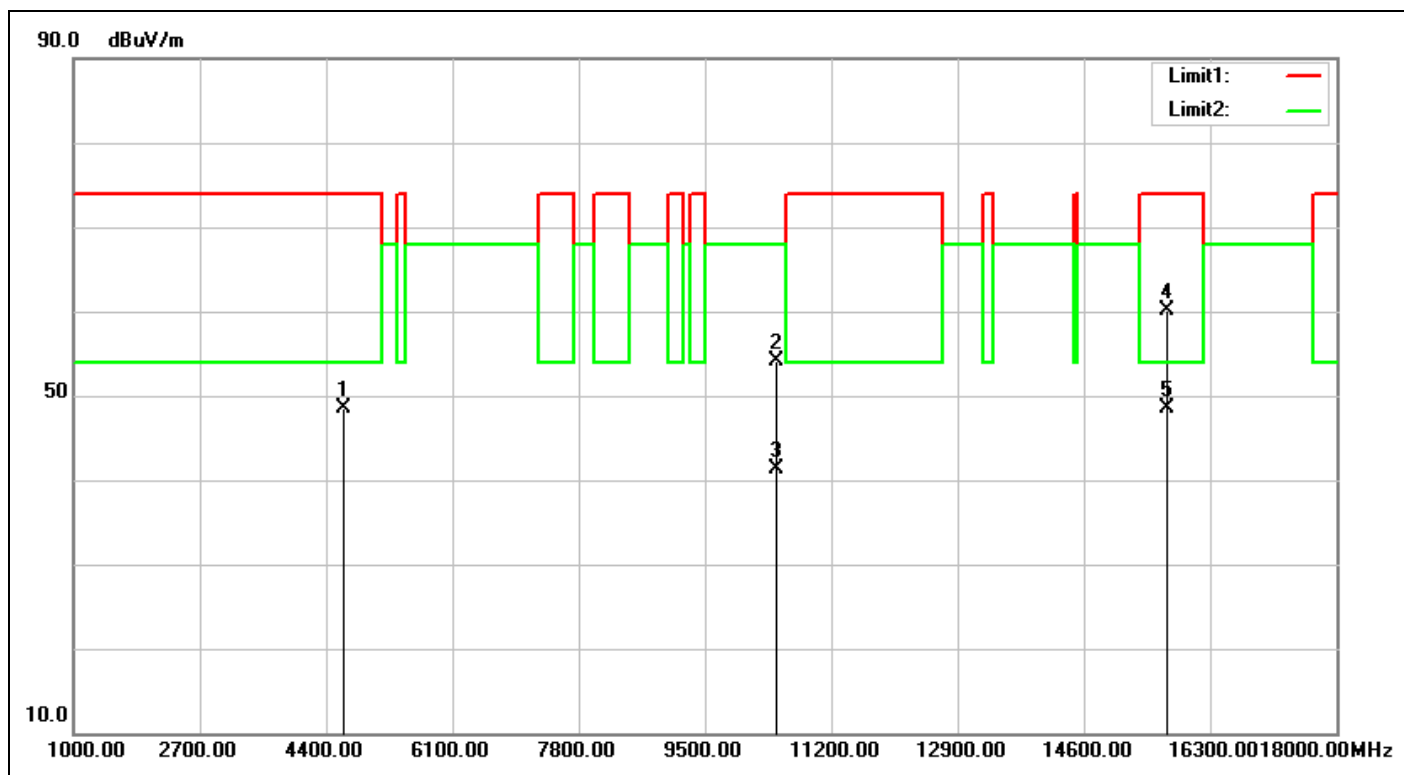
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 20:50:15
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4740.000	-1.83	50.18	48.35	74.00	-25.65	peak	100	186	
2	10400.000	5.49	47.71	53.20	68.00	-14.80	peak			
3	10400.000	5.49	35.86	41.35	68.00	-26.65	AVG			
4	15600.000	11.69	46.81	58.50	74.00	-15.50	peak			
5	15600.000	11.69	34.65	46.34	54.00	-7.66	AVG			



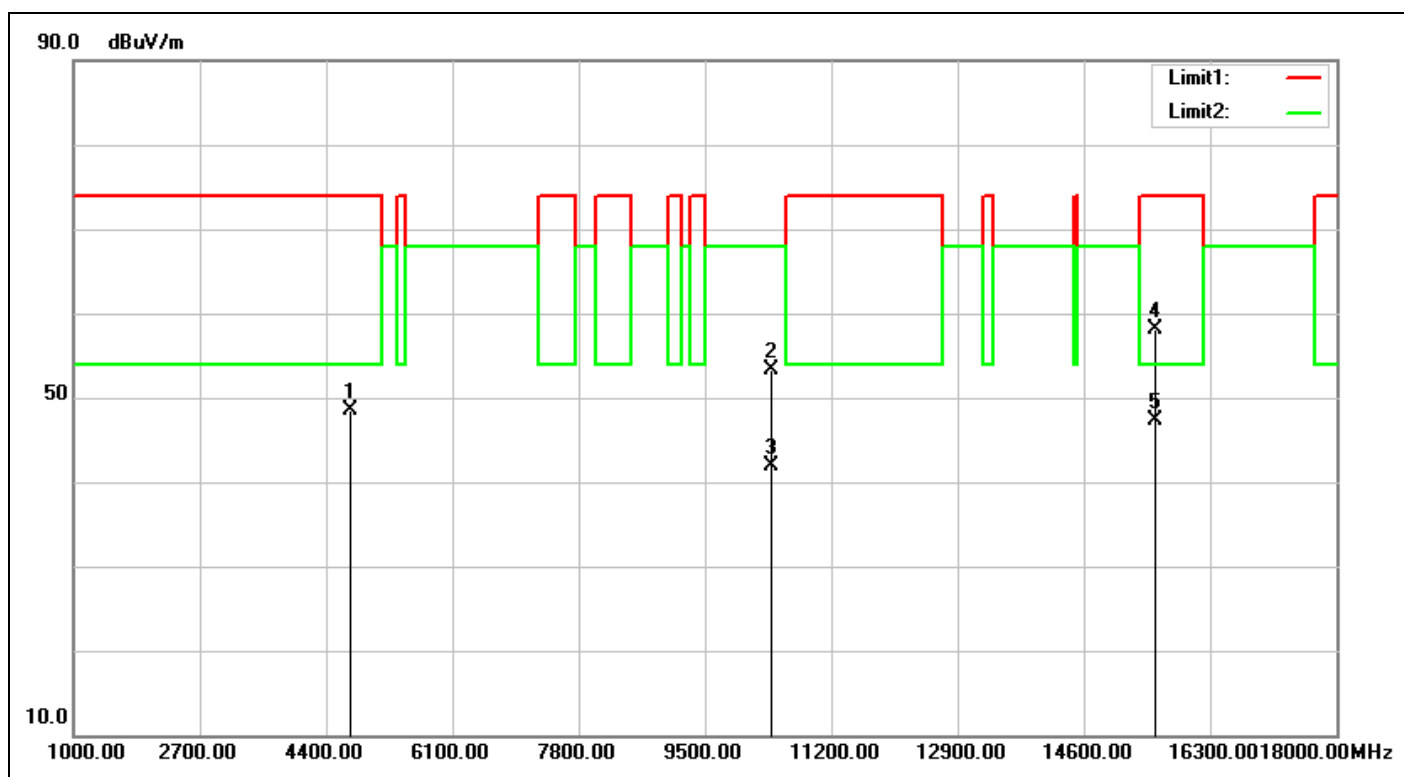
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 20:53:15
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5240-TX		
Remark:			

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	50.51	48.84	74.00	-25.16	peak	100	68	
2	10480.000	5.32	47.87	53.19	68.00	-14.81	peak			
3	10480.000	5.32	35.90	41.22	68.00	-26.78	AVG			
4	15720.000	12.02	48.58	60.60	74.00	-13.40	peak			
5	15720.000	12.02	36.41	48.43	54.00	-5.57	AVG			



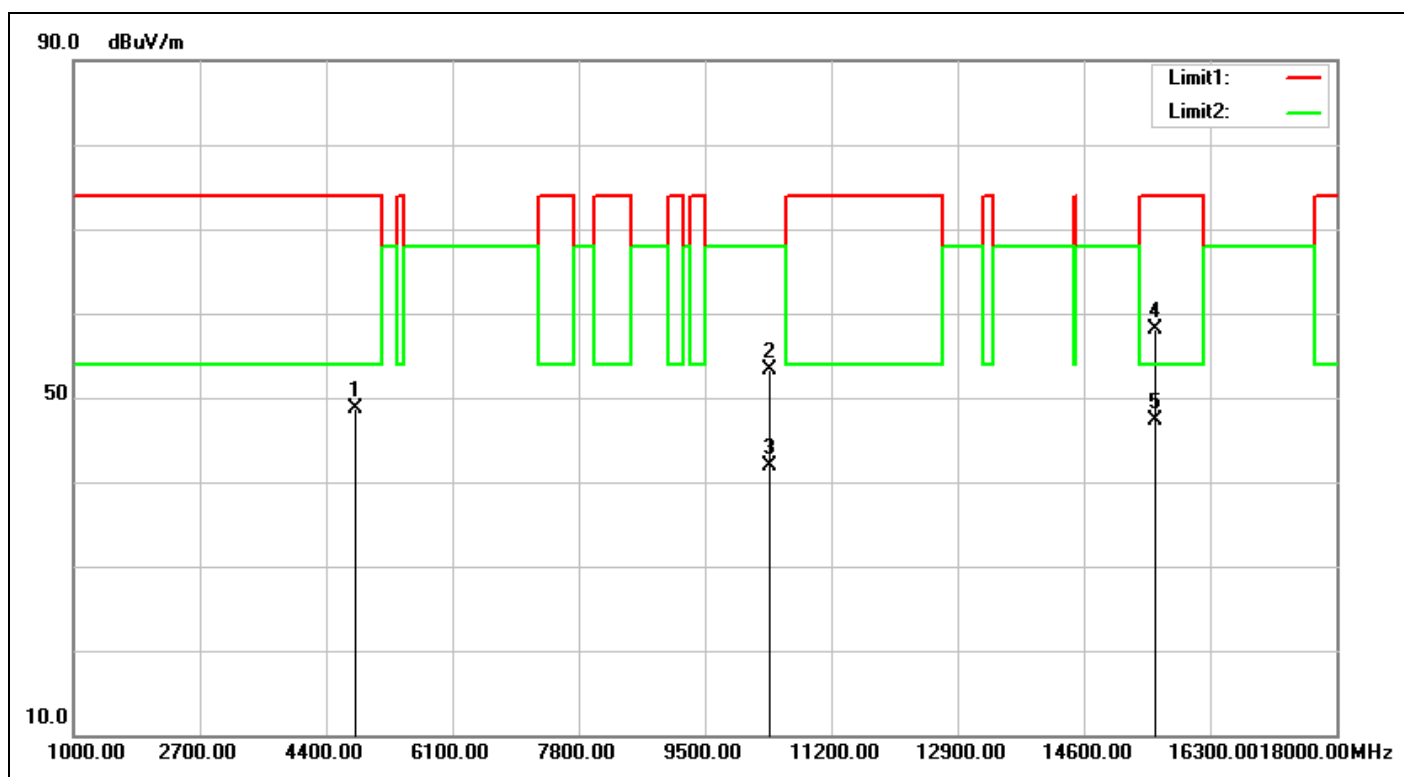
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 20:54:07
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5240-TX		
Remark:			

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	50.59	48.60	74.00	-25.40	peak	100	193	
2	10480.000	5.32	48.88	54.20	68.00	-13.80	peak			
3	10480.000	5.32	35.95	41.27	68.00	-26.73	AVG			
4	15720.000	12.02	48.00	60.02	74.00	-13.98	peak			
5	15720.000	12.02	36.49	48.51	54.00	-5.49	AVG			



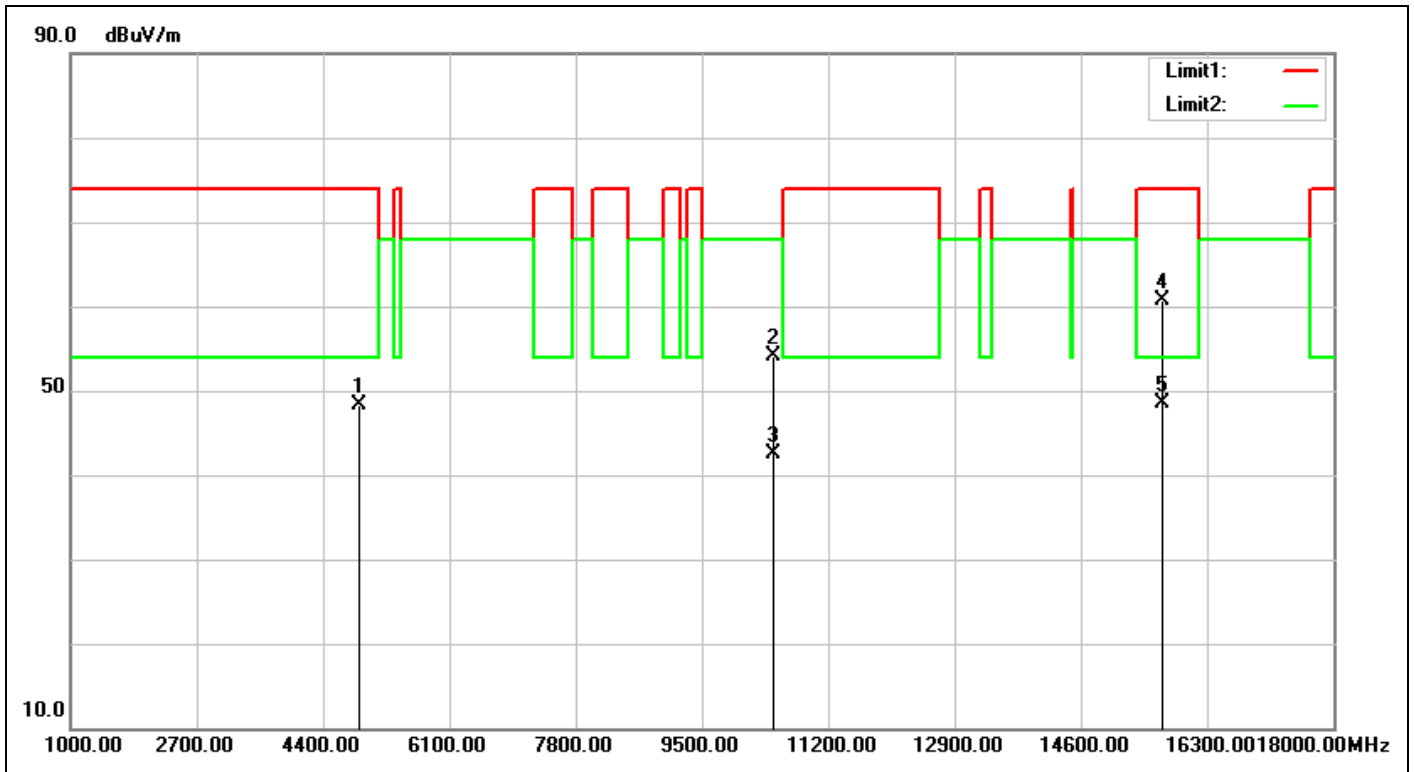
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 20:57:30
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5190-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4723.000	-1.86	50.40	48.54	74.00	-25.46	peak	100	23	
2	10380.000	5.54	47.80	53.34	68.00	-14.66	peak			
3	10380.000	5.54	36.45	41.99	68.00	-26.01	AVG			
4	15570.000	11.61	46.49	58.10	74.00	-15.90	peak			
5	15570.000	11.61	35.65	47.26	54.00	-6.74	AVG			



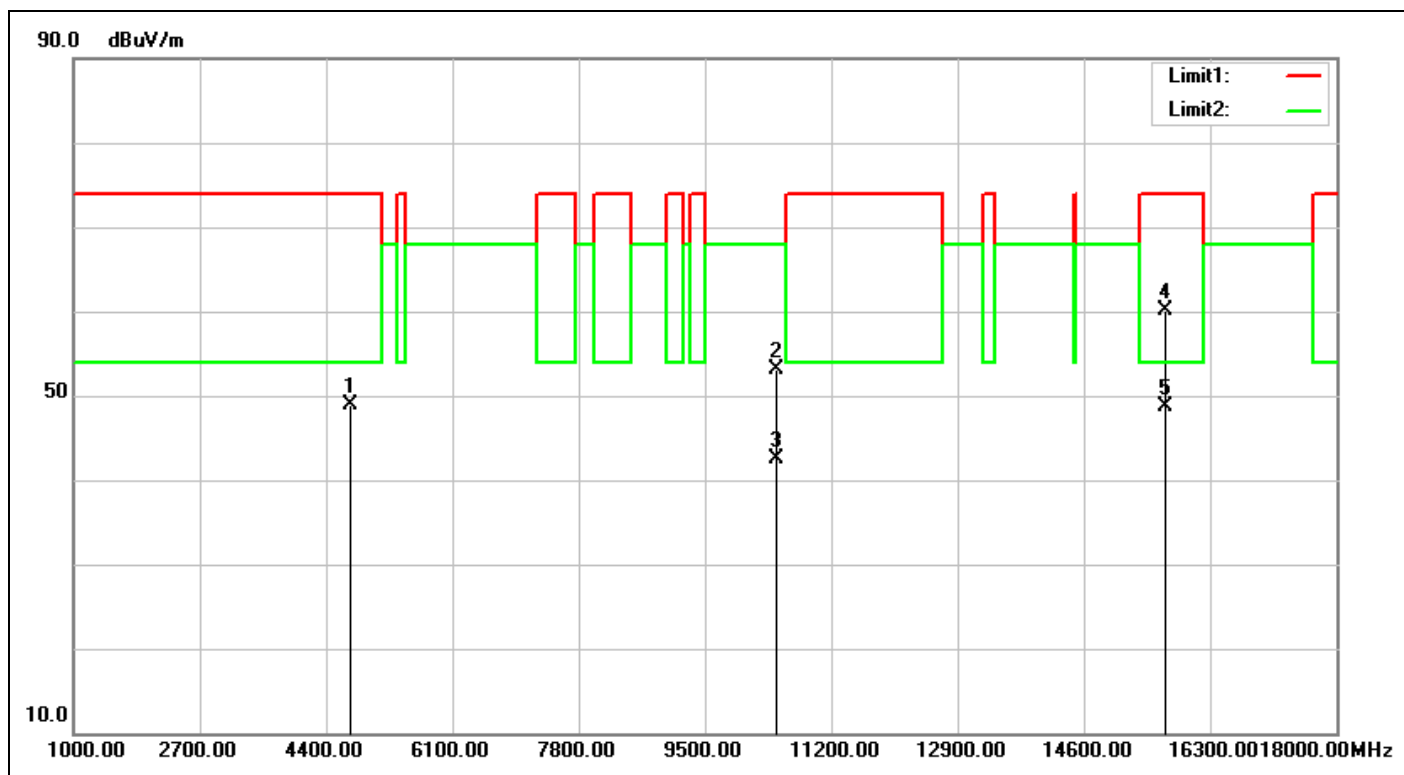
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 20:58:23
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5190-TX		
Remark:			

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	50.55	48.80	74.00	-25.20	peak	100	360	
2	10380.000	5.54	47.74	53.28	68.00	-14.72	peak			
3	10380.000	5.54	36.39	41.93	68.00	-26.07	AVG			
4	15570.000	11.61	46.52	58.13	74.00	-15.87	peak			
5	15570.000	11.61	35.61	47.22	54.00	-6.78	AVG			



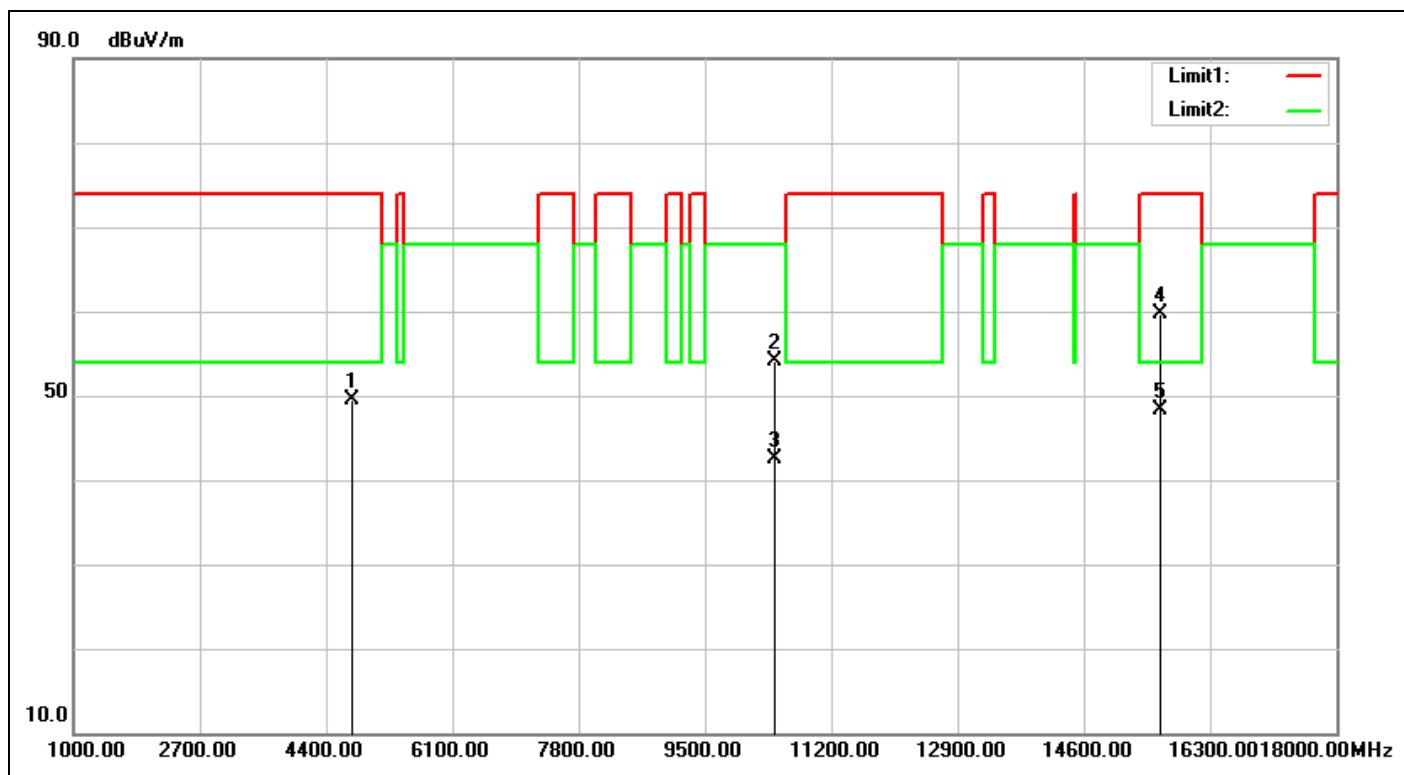
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 21:14:06
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5230-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4876.000	-1.62	49.99	48.37	74.00	-25.63	peak	100	181	
2	10460.000	5.37	48.81	54.18	68.00	-13.82	peak			
3	10460.000	5.37	37.06	42.43	68.00	-25.57	AVG			
4	15690.000	11.94	48.86	60.80	74.00	-13.20	peak			
5	15690.000	11.94	36.62	48.56	54.00	-5.44	AVG			



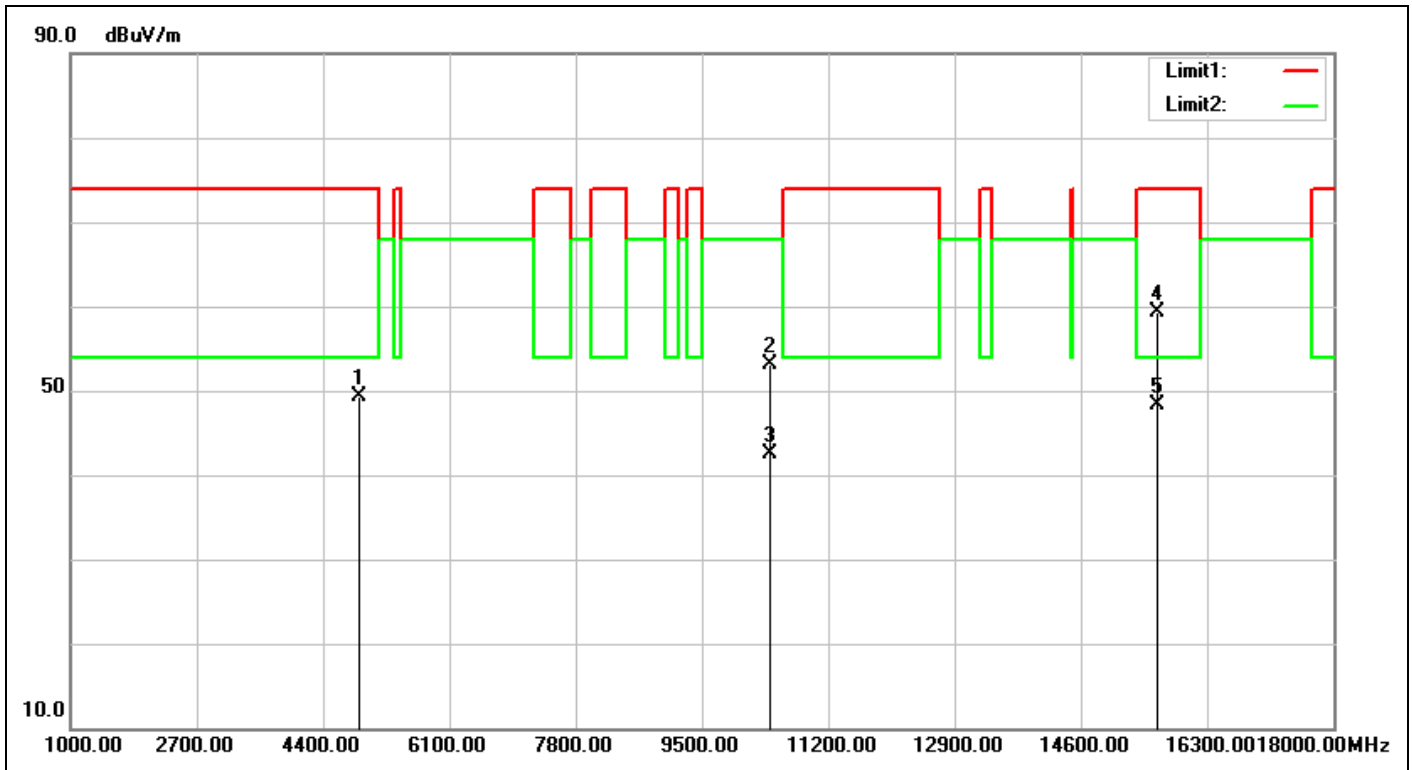
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 21:14:58
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5230-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4723.000	-1.86	50.67	48.81	74.00	-25.19	peak	100	166	
2	10460.000	5.37	47.77	53.14	68.00	-14.86	peak			
3	10460.000	5.37	37.16	42.53	68.00	-25.47	AVG			
4	15690.000	11.94	48.07	60.01	74.00	-13.99	peak			
5	15690.000	11.94	36.70	48.64	54.00	-5.36	AVG			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 21:23:53
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5210-TX		
Remark:			

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	51.30	49.49	74.00	-24.51	peak	100	355	
2	10420.000	5.46	48.58	54.04	68.00	-13.96	peak			
3	10420.000	5.46	36.98	42.44	68.00	-25.56	AVG			
4	15630.000	11.78	48.00	59.78	74.00	-14.22	peak			
5	15630.000	11.78	36.43	48.21	54.00	-5.79	AVG			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 21:24:45
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5210-TX		
Remark:			

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	50.91	49.32	74.00	-24.68	peak	100	56	
2	10420.000	5.46	47.73	53.19	68.00	-14.81	peak			
3	10420.000	5.46	37.01	42.47	68.00	-25.53	AVG			
4	15630.000	11.78	47.48	59.26	74.00	-14.74	peak			
5	15630.000	11.78	36.49	48.27	54.00	-5.73	AVG			

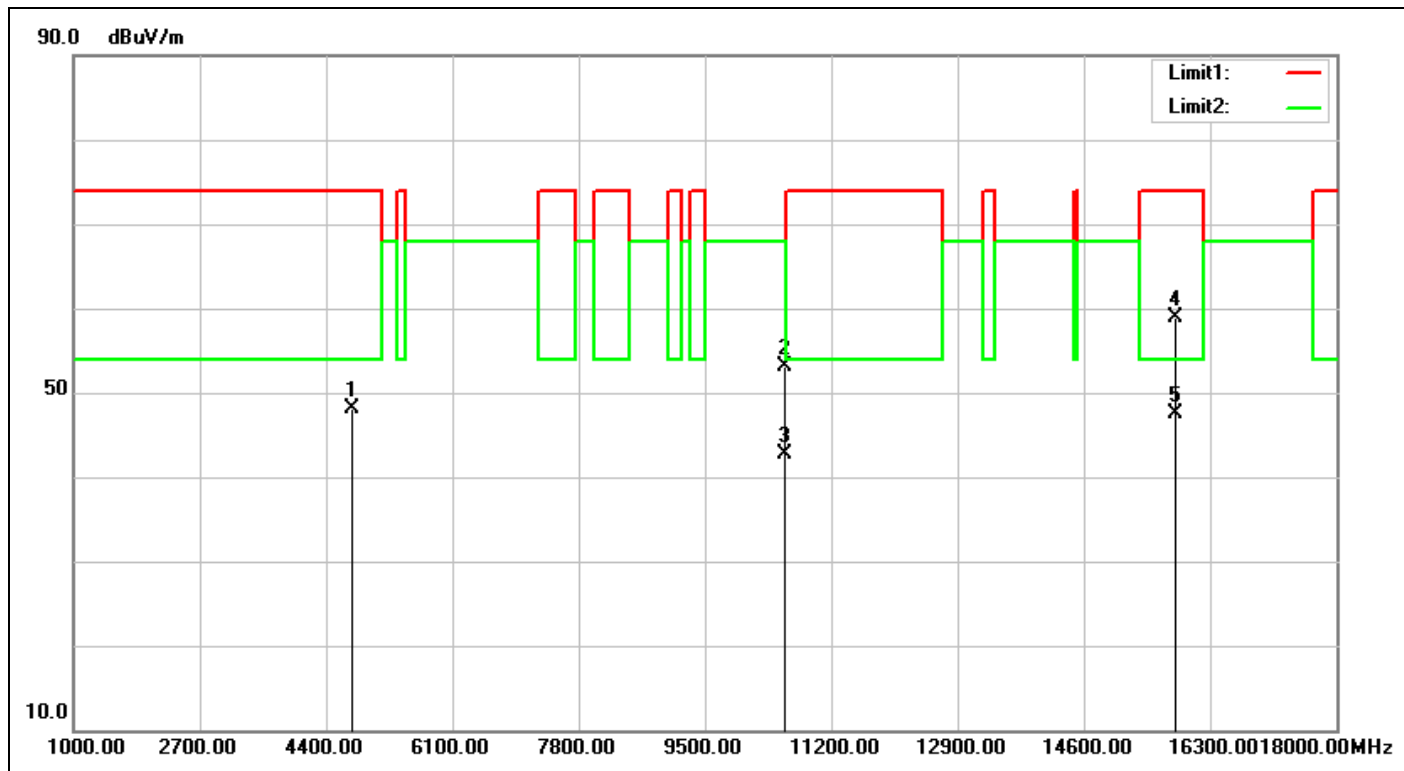
Spurious Emissions, TX Mode, 1-18G, U-NII-2A



TUV Rheinland Taiwan Ltd.

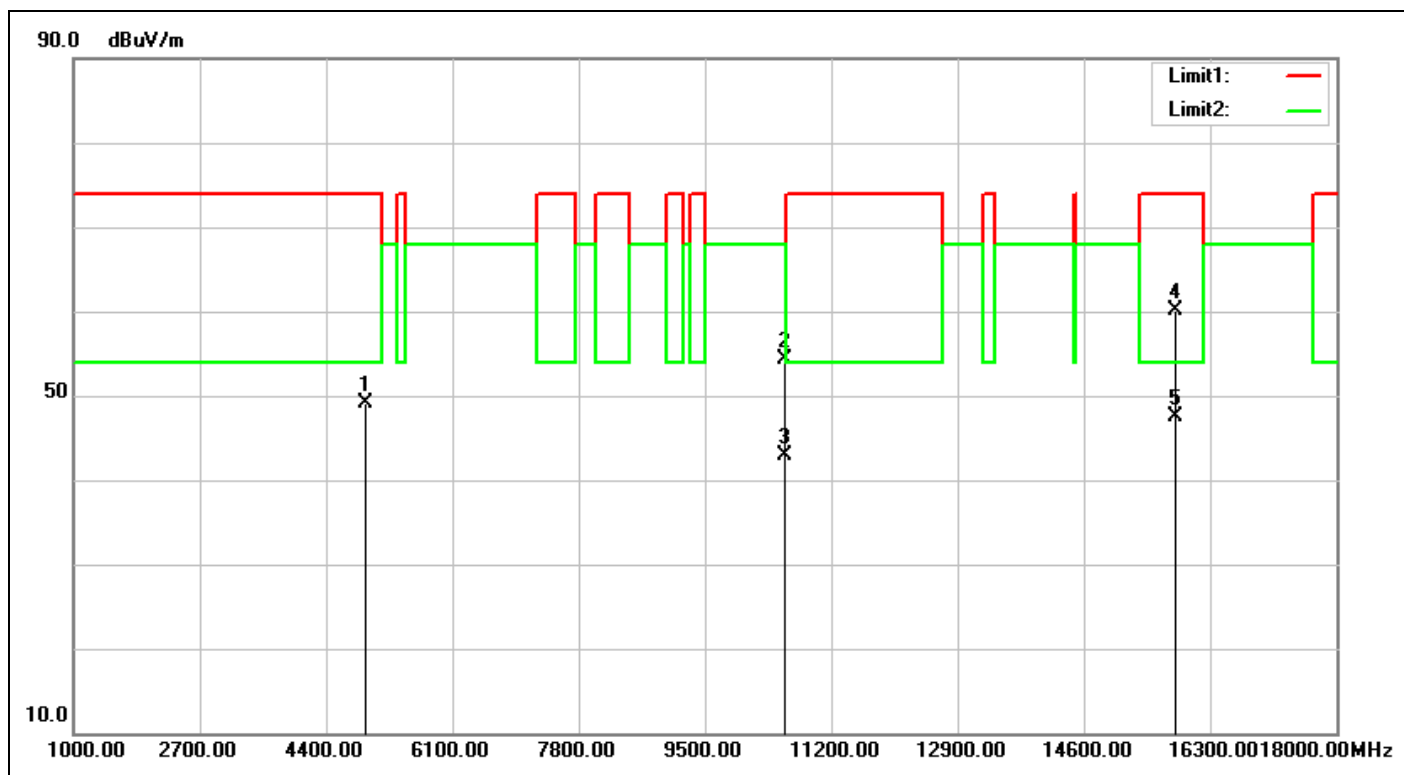
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



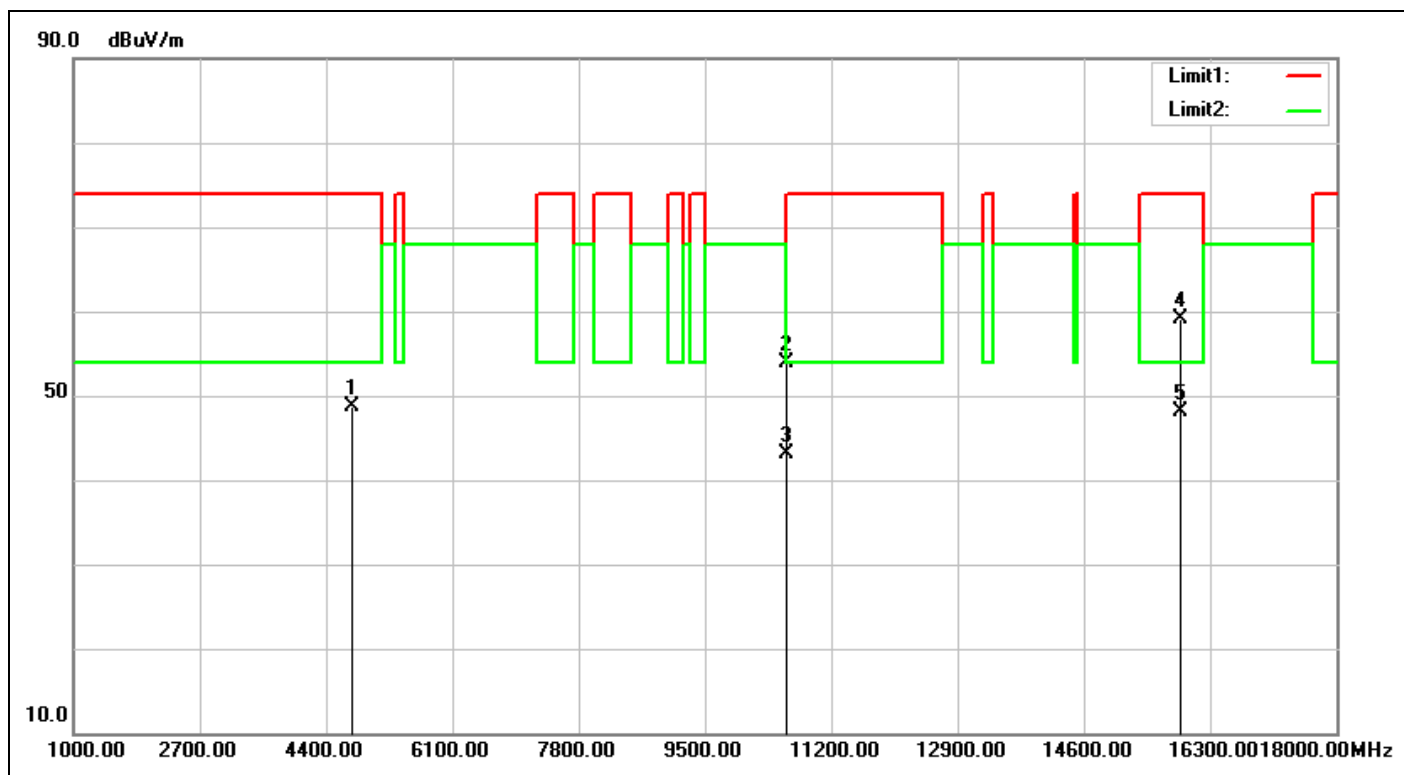
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 21:32:41
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5280-TX		
Remark:			

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	49.87	48.06	74.00	-25.94	peak	100	291	
2	10560.000	5.24	47.89	53.13	68.00	-14.87	peak		0	
3	10560.000	5.24	37.51	42.75	68.00	-25.25	AVG		0	
4	15840.000	12.35	46.51	58.86	74.00	-15.14	peak		0	
5	15840.000	12.35	35.16	47.51	54.00	-6.49	AVG		0	



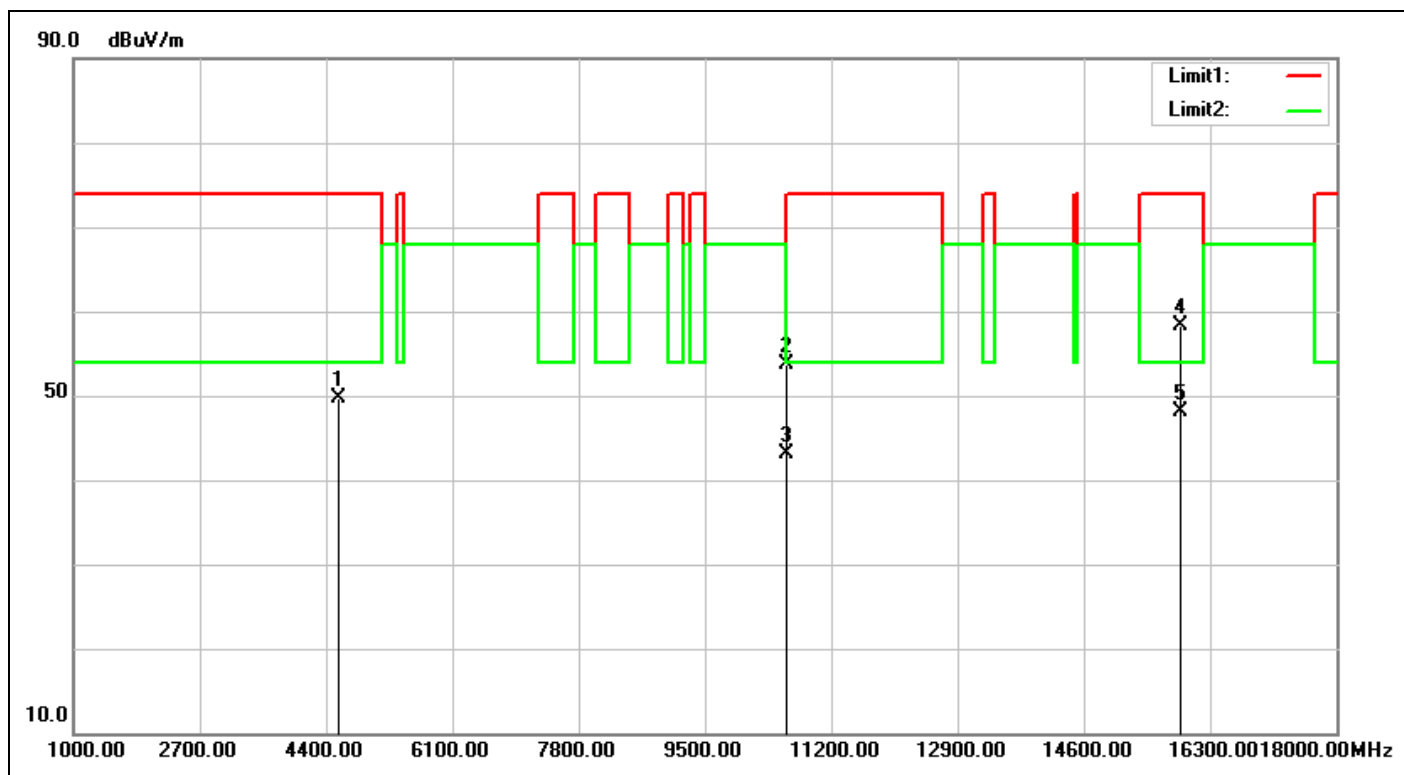
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 21:33:34
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5280-TX		
Remark:			

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	50.57	49.03	74.00	-24.97	peak	100	180	
2	10560.000	5.24	49.13	54.37	68.00	-13.63	peak			
3	10560.000	5.24	37.57	42.81	68.00	-25.19	AVG			
4	15840.000	12.35	47.69	60.04	74.00	-13.96	peak			
5	15840.000	12.35	35.24	47.59	54.00	-6.41	AVG			



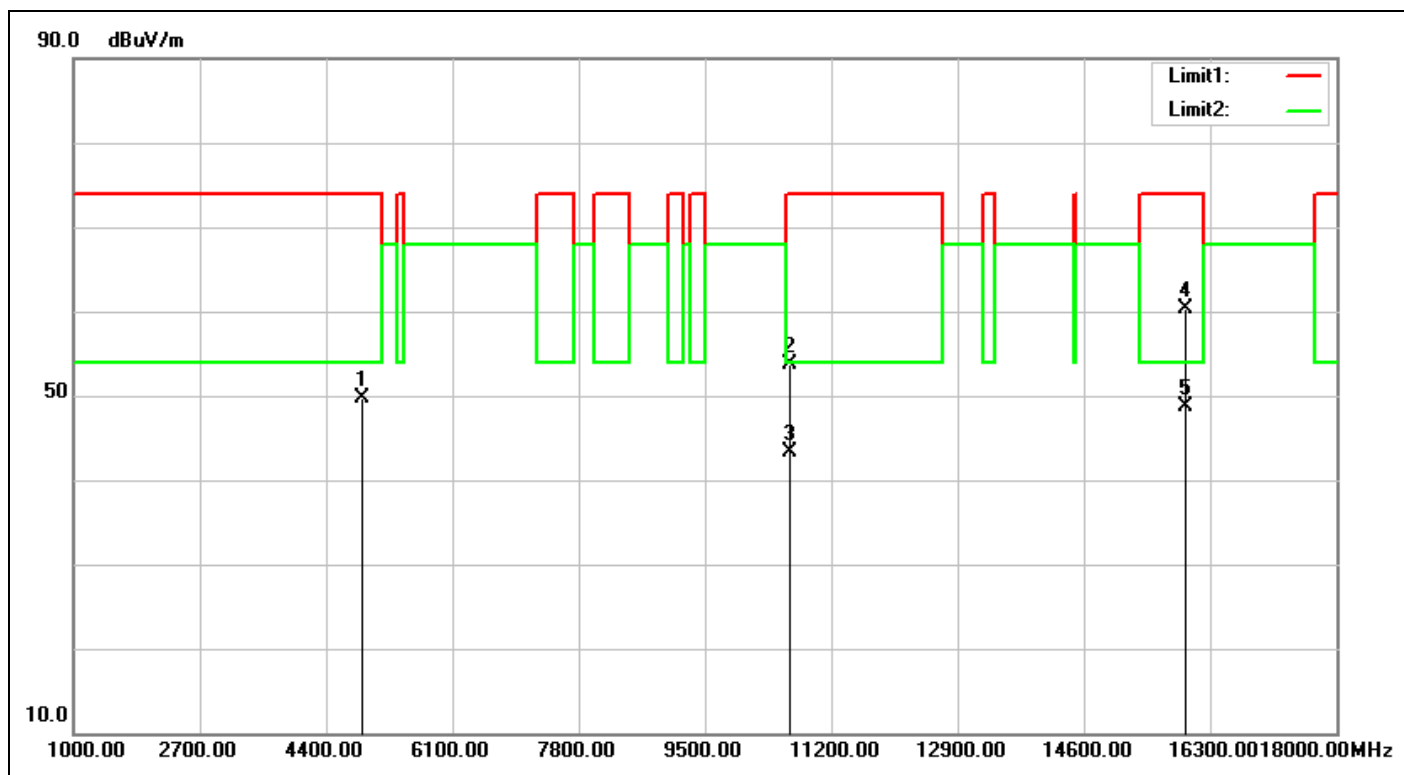
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 21:38:21
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5300-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4740.000	-1.83	50.61	48.78	74.00	-25.22	peak	100	238	
2	10600.000	5.20	48.75	53.95	68.00	-14.05	peak			
3	10600.000	5.20	37.85	43.05	54.00	-10.95	AVG			
4	15900.000	12.51	46.56	59.07	74.00	-14.93	peak			
5	15900.000	12.51	35.55	48.06	54.00	-5.94	AVG			



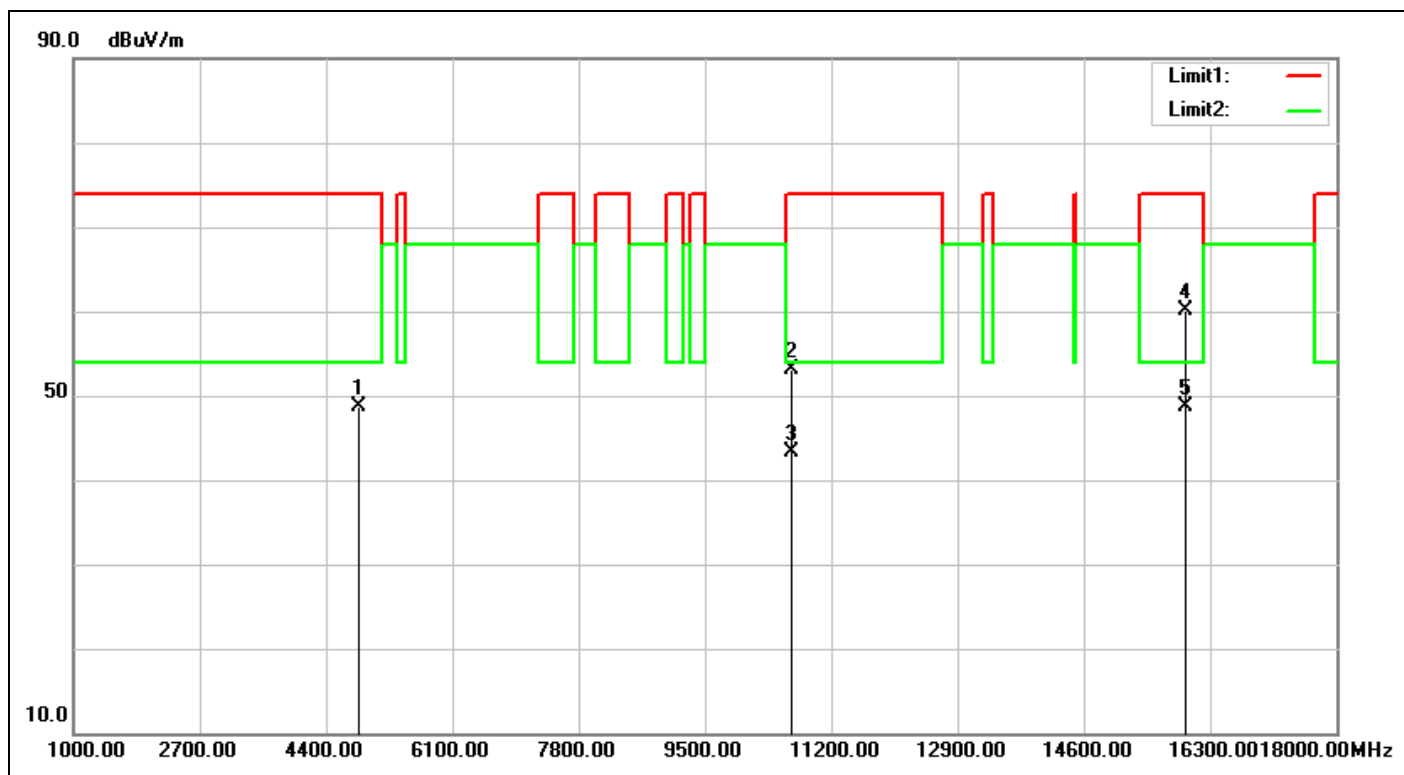
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 21:39:13
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5300-TX		
Remark:			

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	51.90	49.78	74.00	-24.22	peak	100	139	
2	10600.000	5.20	48.49	53.69	68.00	-14.31	peak			
3	10600.000	5.20	37.92	43.12	54.00	-10.88	AVG			
4	15900.000	12.51	45.78	58.29	74.00	-15.71	peak			
5	15900.000	12.51	35.50	48.01	54.00	-5.99	AVG			



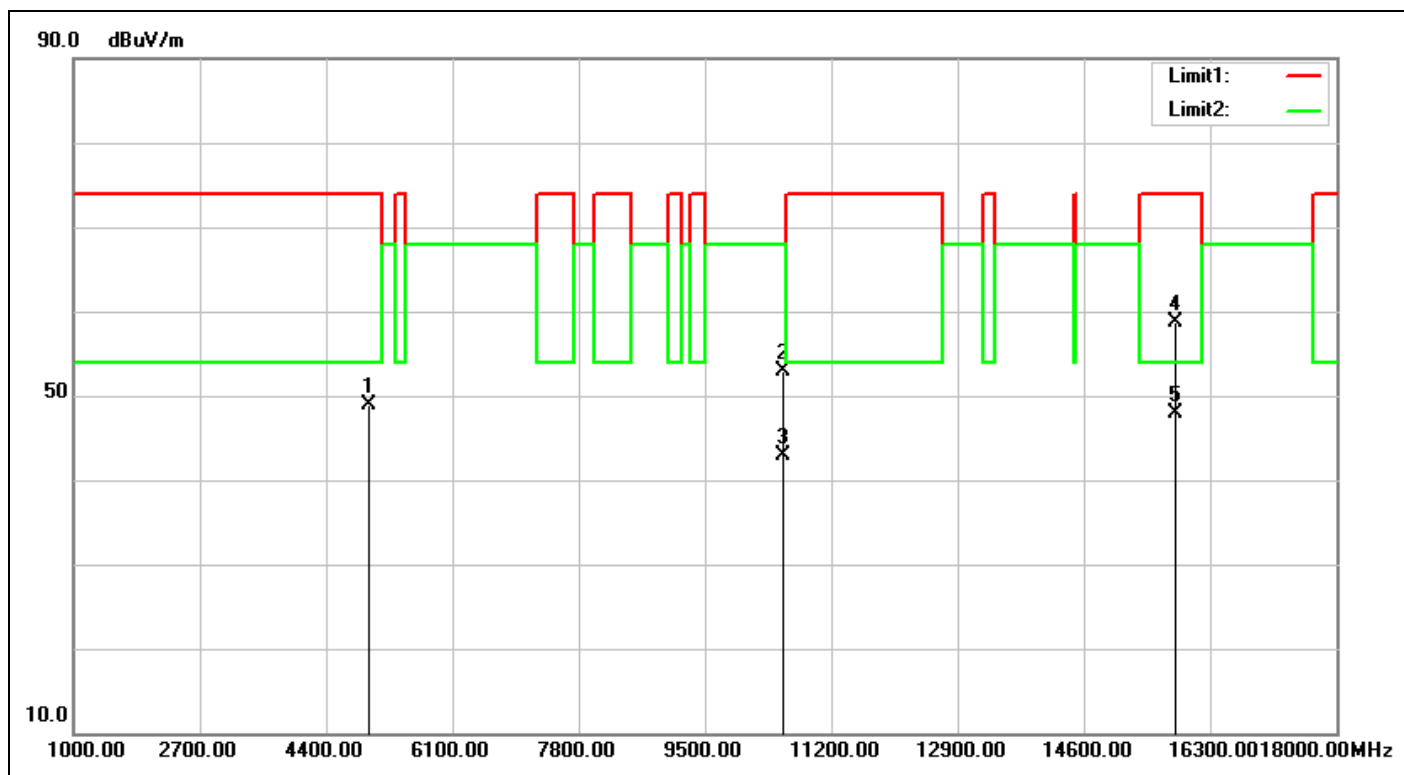
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 21:42:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5320-TX		
Remark:			

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	51.26	49.67	74.00	-24.33	peak	100	259	
2	10640.000	5.17	48.61	53.78	74.00	-20.22	peak			
3	10640.000	5.17	38.09	43.26	54.00	-10.74	AVG			
4	15960.000	12.67	47.57	60.24	74.00	-13.76	peak			
5	15960.000	12.67	36.06	48.73	54.00	-5.27	AVG			



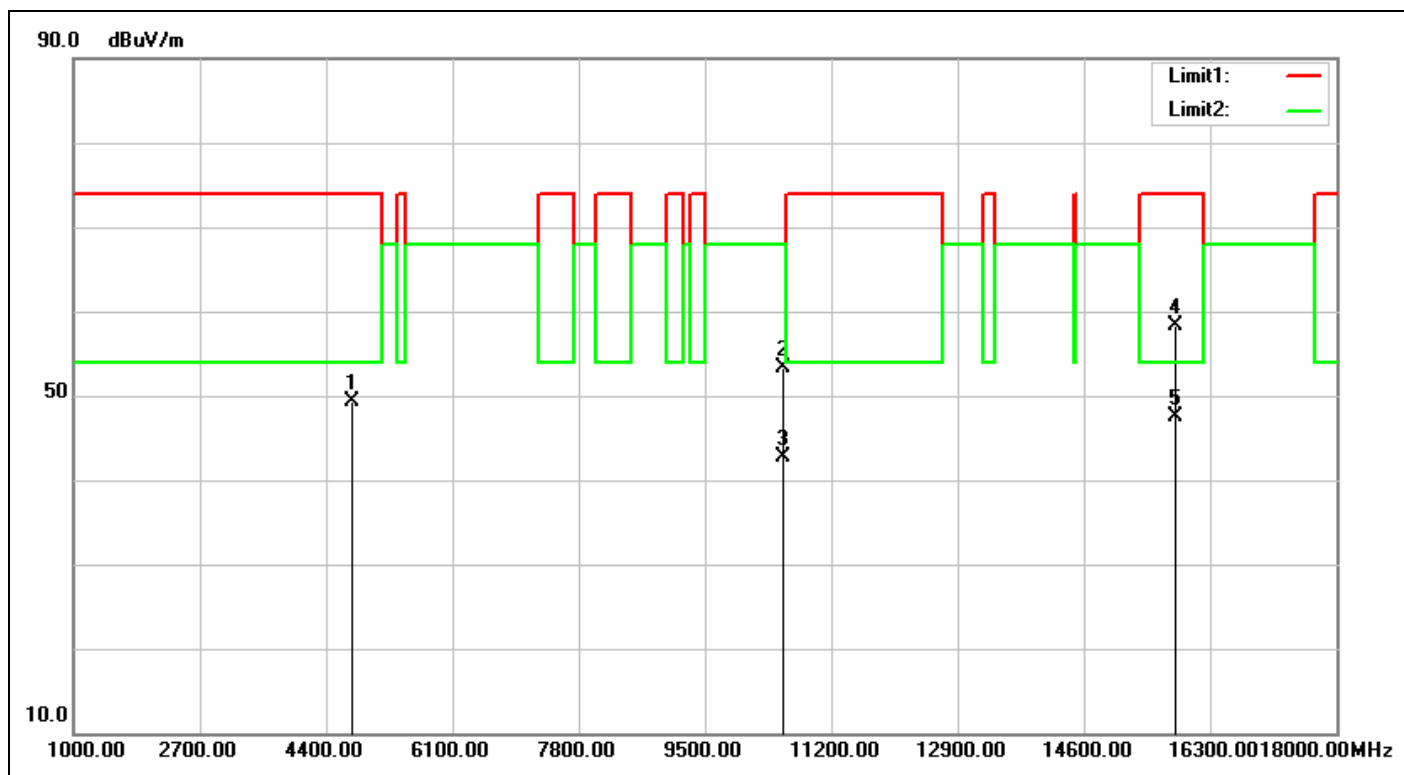
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 21:43:11
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5320-TX		
Remark:			

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	50.28	48.61	74.00	-25.39	peak	100	227	
2	10640.000	5.17	48.02	53.19	74.00	-20.81	peak			
3	10640.000	5.17	38.04	43.21	54.00	-10.79	AVG			
4	15960.000	12.67	47.37	60.04	74.00	-13.96	peak			
5	15960.000	12.67	36.01	48.68	54.00	-5.32	AVG			



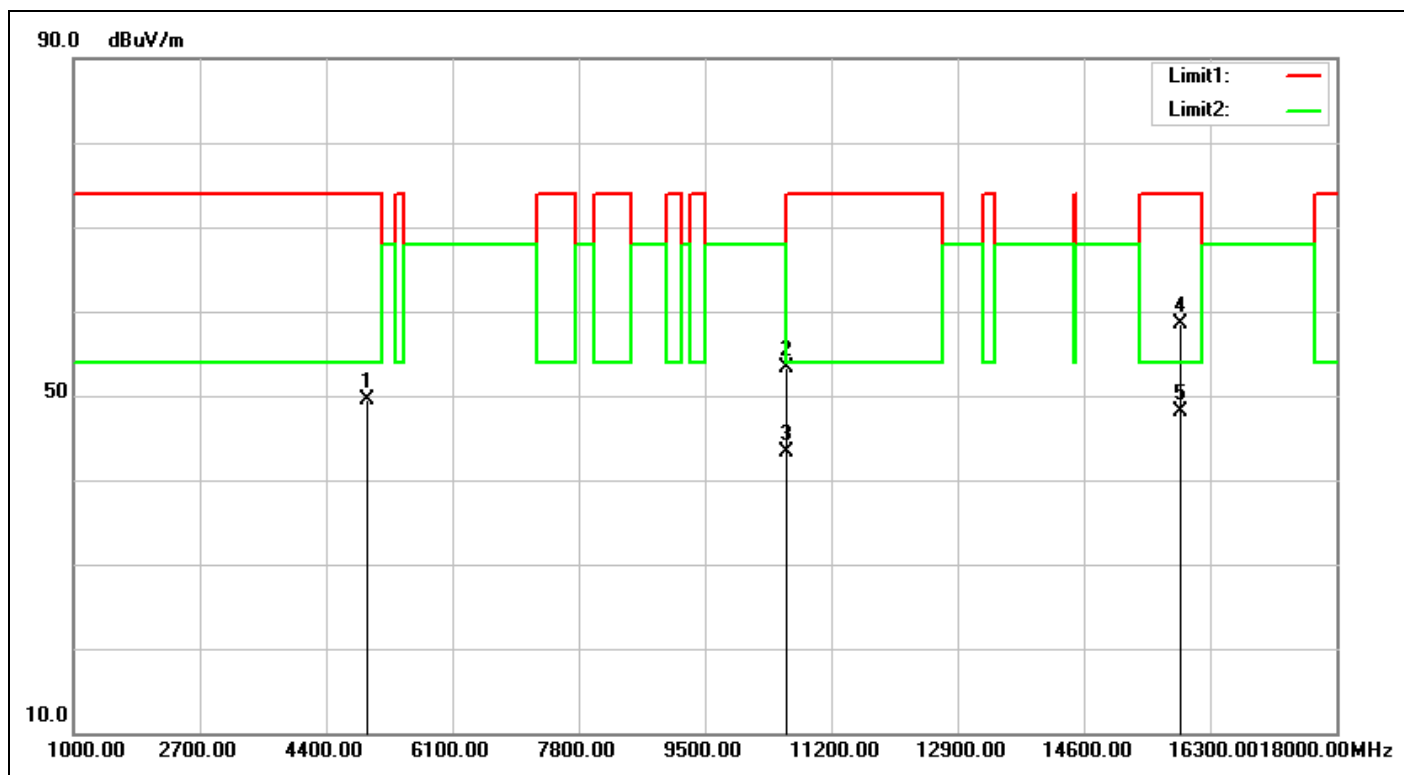
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 21:47:10
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5280-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4978.000	-1.44	50.29	48.85	74.00	-25.15	peak	100	119	
2	10560.000	5.24	47.69	52.93	68.00	-15.07	peak			
3	10560.000	5.24	37.64	42.88	68.00	-25.12	AVG			
4	15840.000	12.35	46.40	58.75	74.00	-15.25	peak			
5	15840.000	12.35	35.46	47.81	54.00	-6.19	AVG			



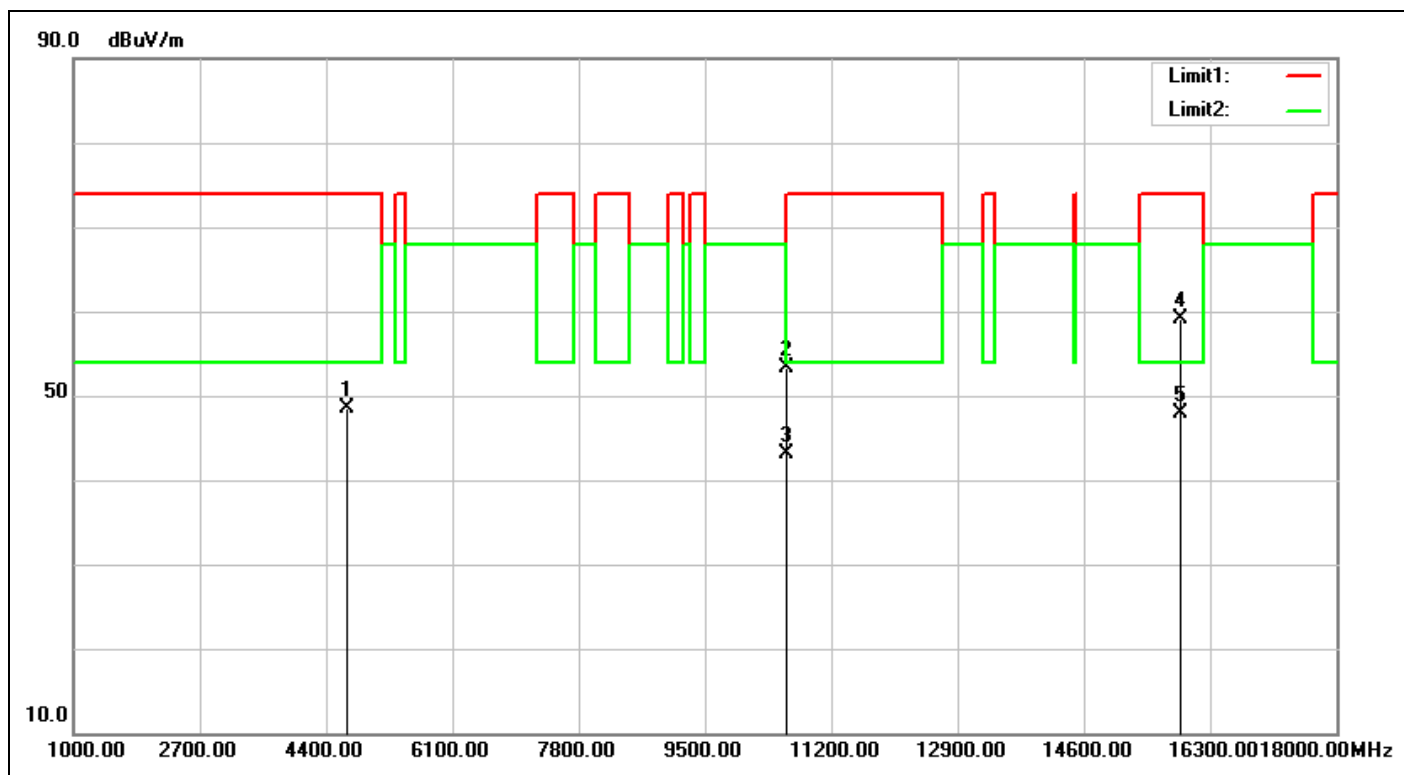
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 21:48:02
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5280-TX		
Remark:			

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	51.18	49.37	74.00	-24.63	peak	100	193	
2	10560.000	5.24	48.16	53.40	68.00	-14.60	peak			
3	10560.000	5.24	37.50	42.74	68.00	-25.26	AVG			
4	15840.000	12.35	45.94	58.29	74.00	-15.71	peak			
5	15840.000	12.35	35.25	47.60	54.00	-6.40	AVG			



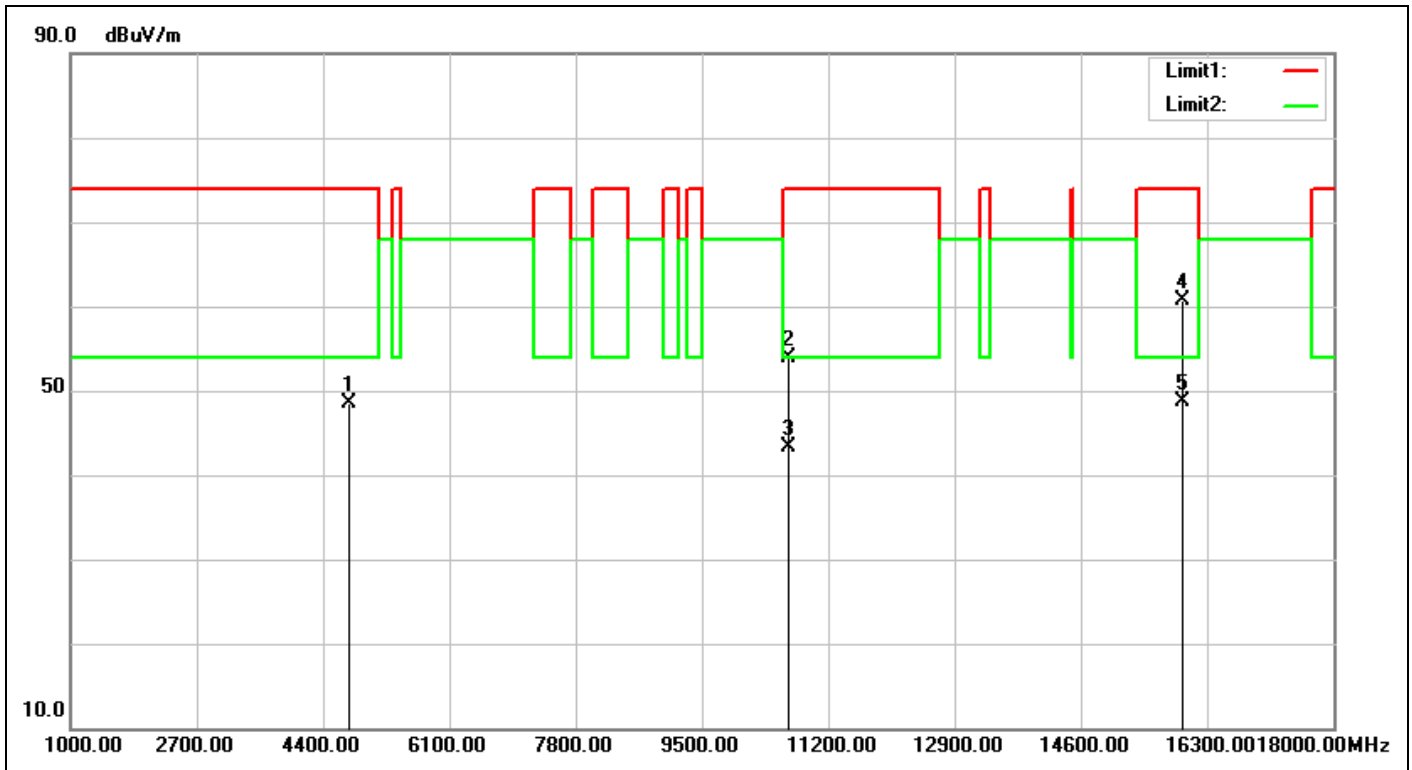
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 21:50:37
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5300-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4944.000	-1.49	50.95	49.46	74.00	-24.54	peak	100	184	
2	10600.000	5.20	48.19	53.39	68.00	-14.61	peak			
3	10600.000	5.20	38.02	43.22	54.00	-10.78	AVG			
4	15900.000	12.51	46.09	58.60	74.00	-15.40	peak			
5	15900.000	12.51	35.61	48.12	54.00	-5.88	AVG			



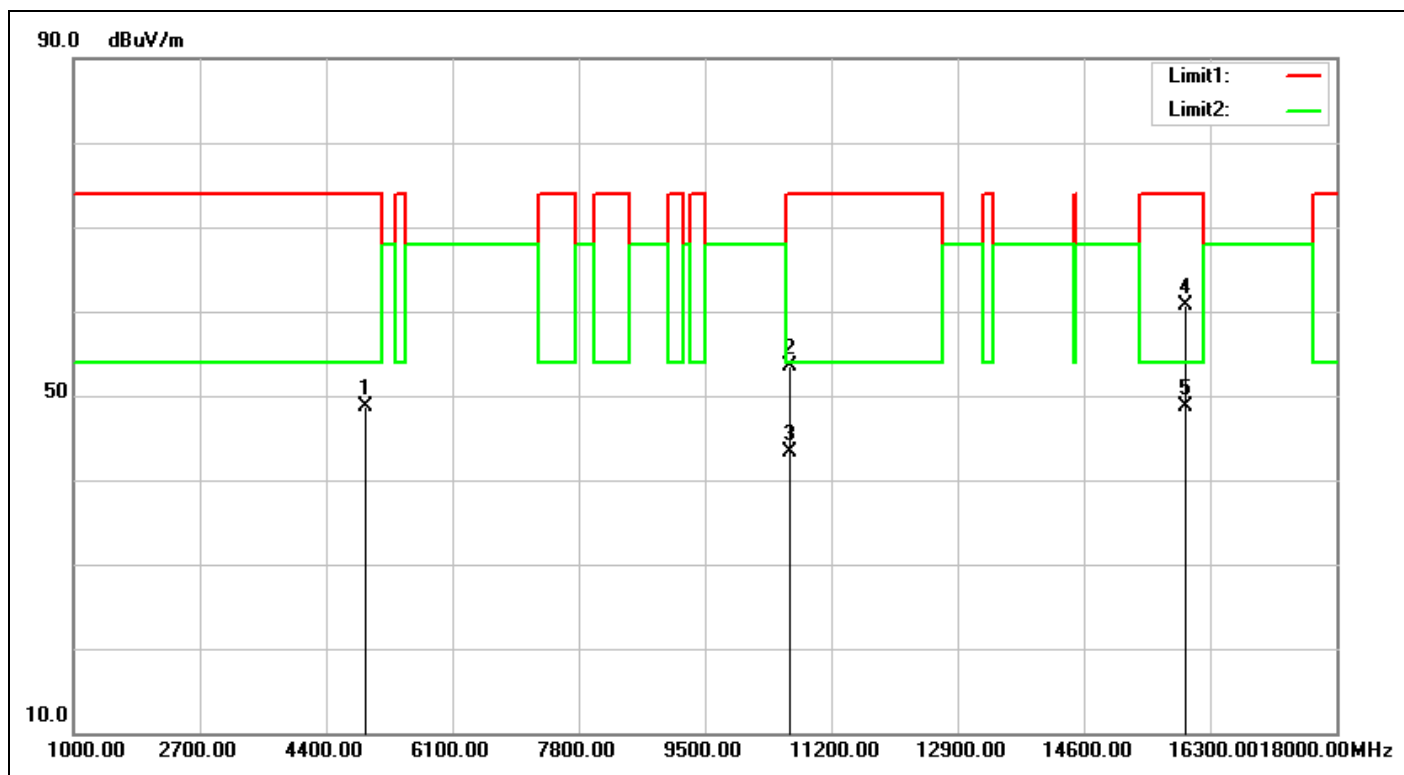
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 21:51:29
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5300-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4689.000	-1.91	50.36	48.45	74.00	-25.55	peak	100	101	
2	10600.000	5.20	48.07	53.27	68.00	-14.73	peak			
3	10600.000	5.20	37.93	43.13	54.00	-10.87	AVG			
4	15900.000	12.51	46.50	59.01	74.00	-14.99	peak			
5	15900.000	12.51	35.48	47.99	54.00	-6.01	AVG			



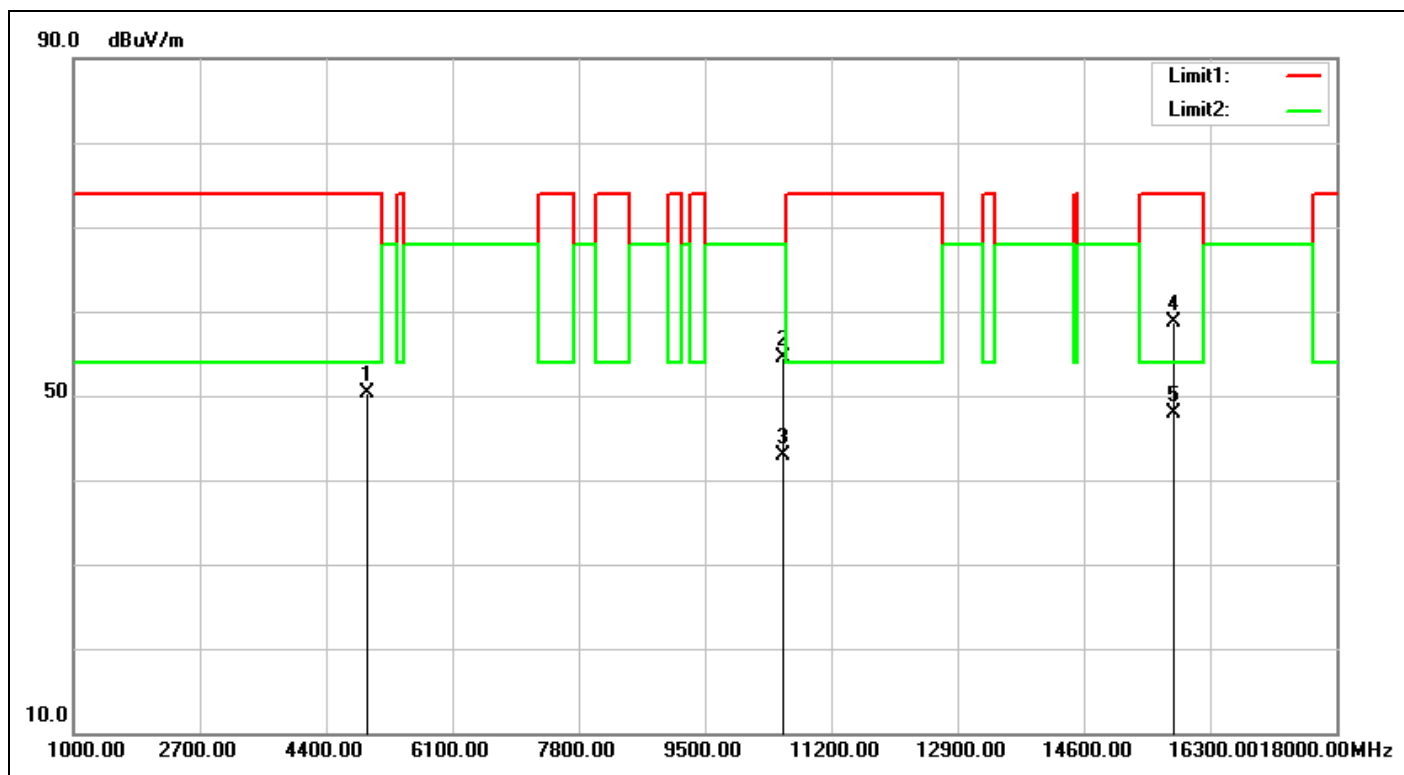
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 21:54:34
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5320-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4740.000	-1.83	50.40	48.57	74.00	-25.43	peak	100	300	
2	10640.000	5.17	48.79	53.96	74.00	-20.04	peak			
3	10640.000	5.17	38.16	43.33	54.00	-10.67	AVG			
4	15960.000	12.67	47.94	60.61	74.00	-13.39	peak			
5	15960.000	12.67	36.05	48.72	54.00	-5.28	AVG			



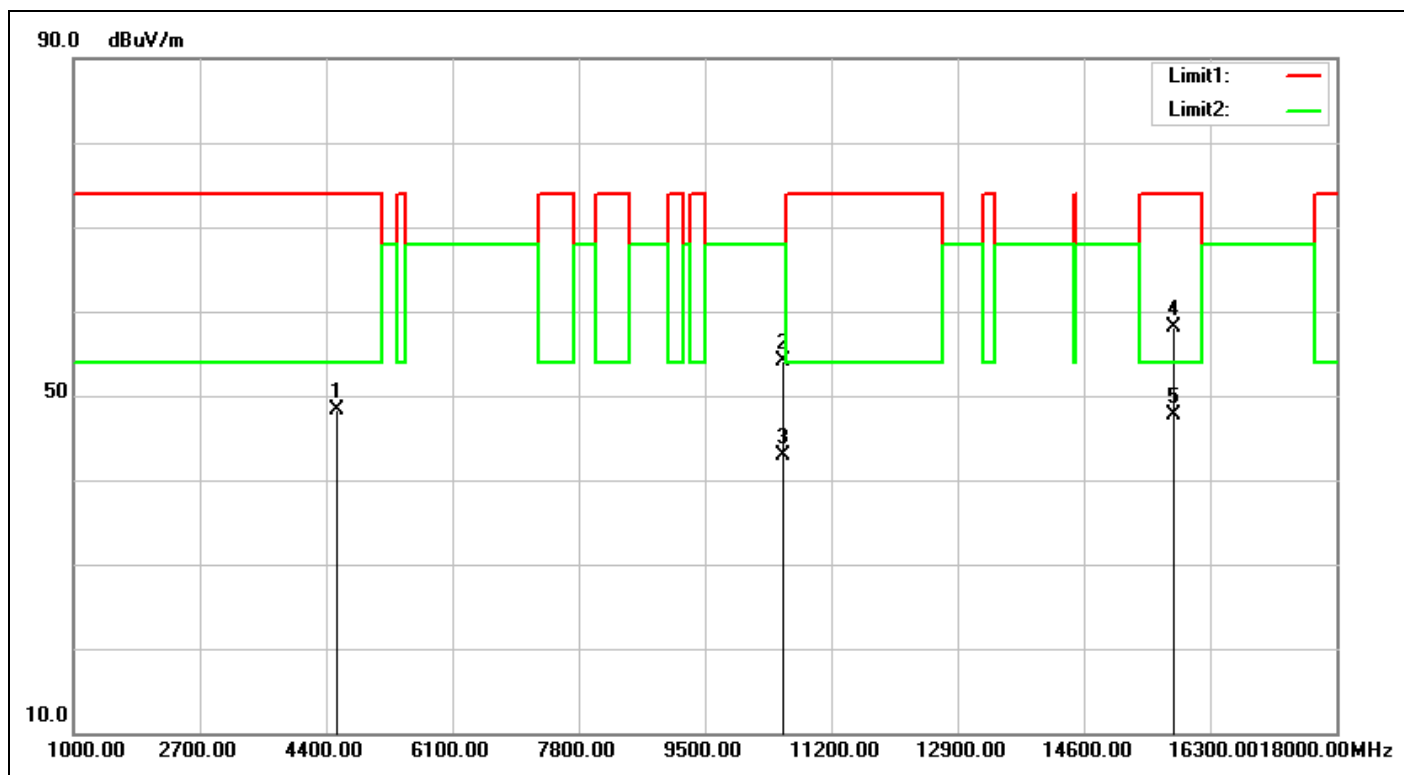
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 21:55:27
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5320-TX		
Remark:			

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	50.19	48.65	74.00	-25.35	peak	100	153	
2	10640.000	5.17	48.36	53.53	74.00	-20.47	peak			
3	10640.000	5.17	38.08	43.25	54.00	-10.75	AVG			
4	15960.000	12.67	47.97	60.64	74.00	-13.36	peak			
5	15960.000	12.67	36.02	48.69	54.00	-5.31	AVG			



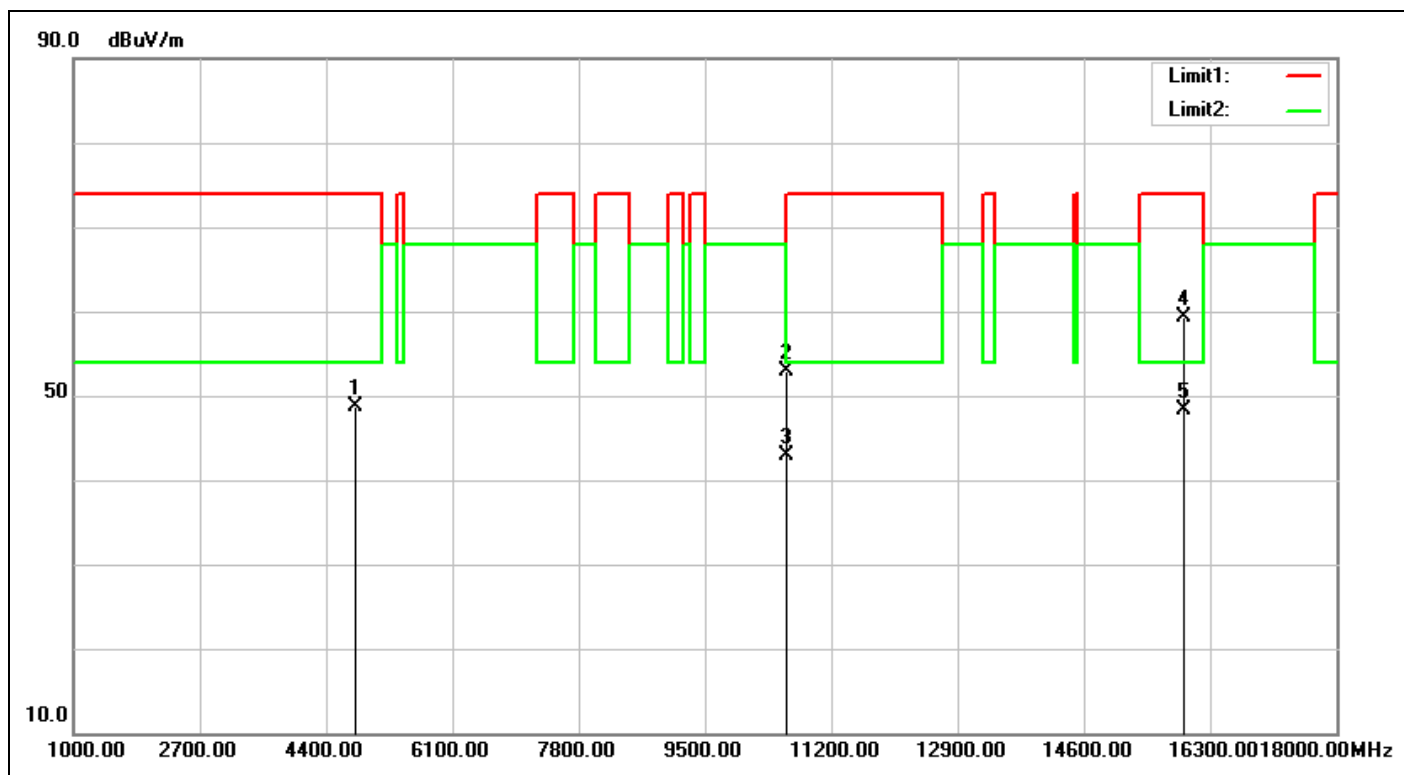
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 21:59:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5270-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4944.000	-1.49	51.88	50.39	74.00	-23.61	peak	100	106	
2	10540.000	5.25	49.20	54.45	68.00	-13.55	peak			
3	10540.000	5.25	37.63	42.88	68.00	-25.12	AVG			
4	15810.000	12.26	46.36	58.62	74.00	-15.38	peak			
5	15810.000	12.26	35.58	47.84	54.00	-6.16	AVG			



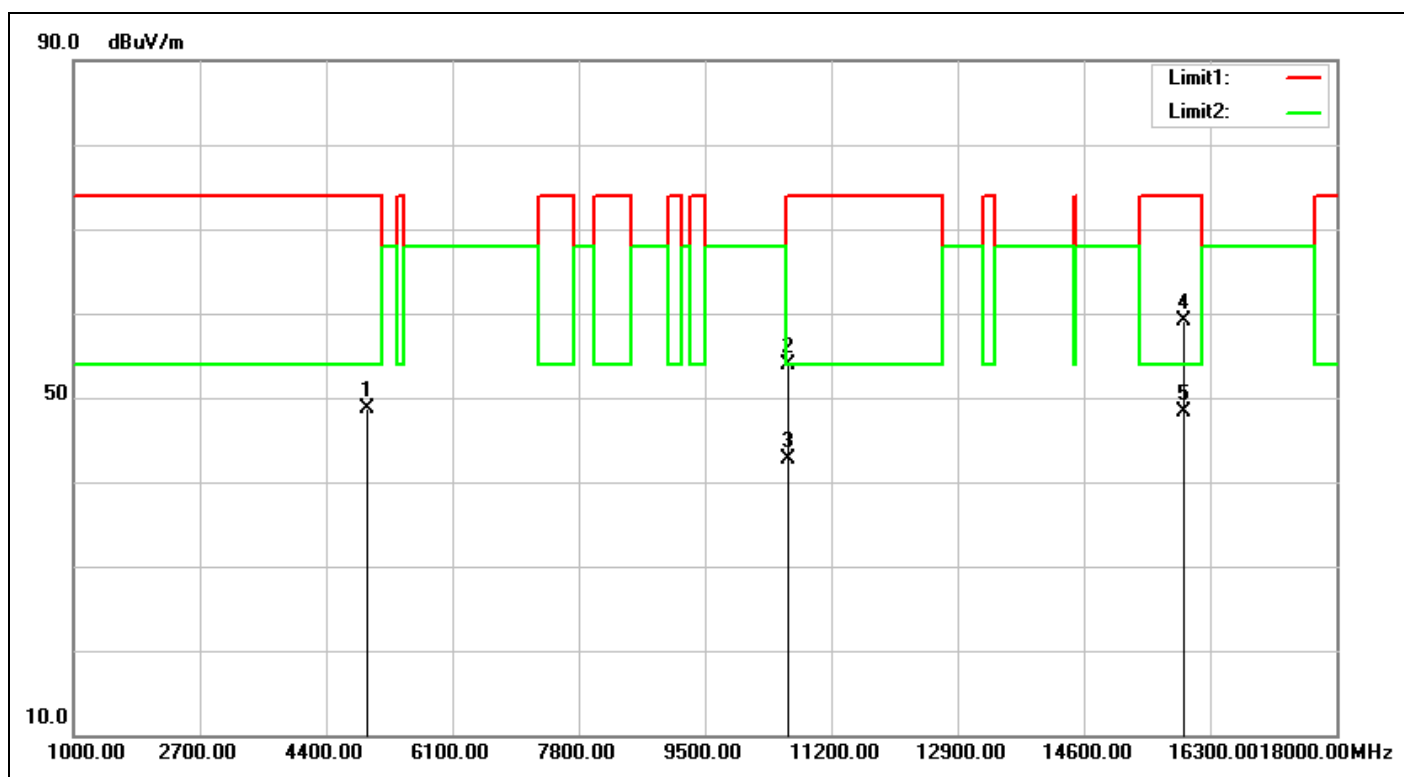
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 22:00:11
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5270-TX		
Remark:			

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	50.42	48.27	74.00	-25.73	peak	100	199	
2	10540.000	5.25	48.89	54.14	68.00	-13.86	peak			
3	10540.000	5.25	37.56	42.81	68.00	-25.19	AVG			
4	15810.000	12.26	45.84	58.10	74.00	-15.90	peak			
5	15810.000	12.26	35.38	47.64	54.00	-6.36	AVG			



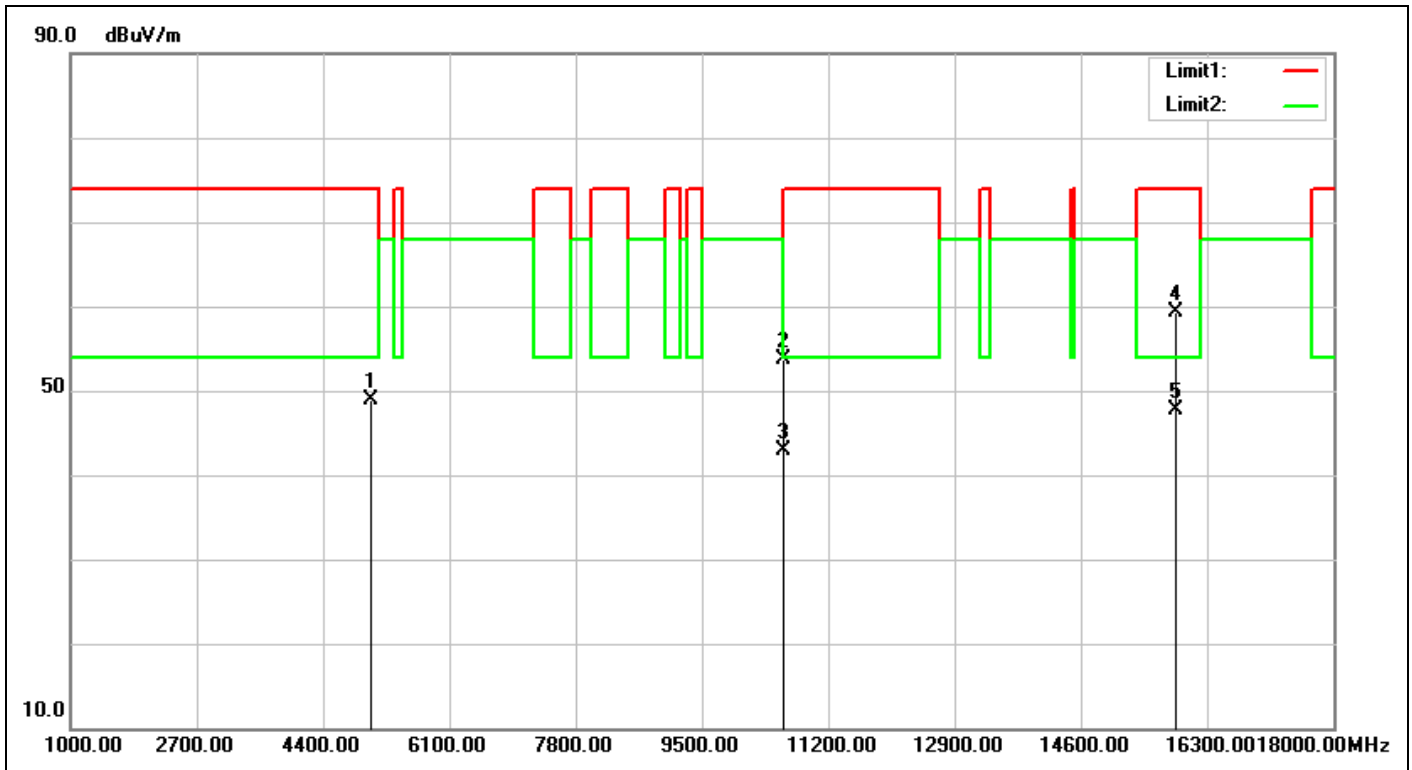
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 22:03:12
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5310-TX		
Remark:			

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	50.44	48.69	74.00	-25.31	peak	100	283	
2	10620.000	5.19	47.70	52.89	74.00	-21.11	peak			
3	10620.000	5.19	37.68	42.87	54.00	-11.13	AVG			
4	15930.000	12.59	46.74	59.33	74.00	-14.67	peak			
5	15930.000	12.59	35.74	48.33	54.00	-5.67	AVG			



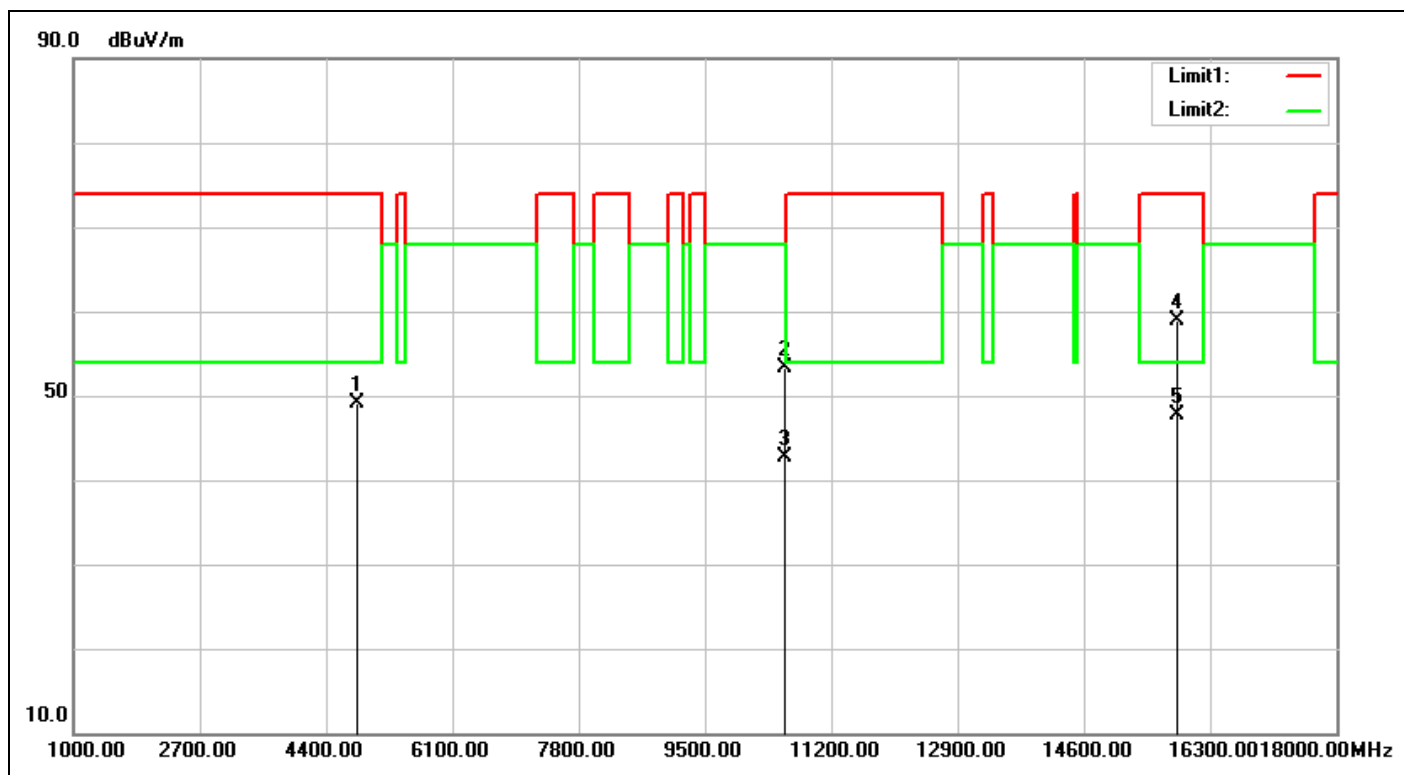
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 22:04:04
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5310-TX		
Remark:			

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	50.27	48.80	74.00	-25.20	peak	100	152	
2	10620.000	5.19	48.74	53.93	74.00	-20.07	peak			
3	10620.000	5.19	37.56	42.75	54.00	-11.25	AVG			
4	15930.000	12.59	46.50	59.09	74.00	-14.91	peak			
5	15930.000	12.59	35.66	48.25	54.00	-5.75	AVG			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 22:07:09
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5290-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5046.000	-1.19	50.08	48.89	74.00	-25.11	peak	100	359	
2	10580.000	5.22	48.47	53.69	68.00	-14.31	peak			
3	10580.000	5.22	37.67	42.89	68.00	-25.11	AVG			
4	15870.000	12.42	46.80	59.22	74.00	-14.78	peak			
5	15870.000	12.42	35.36	47.78	54.00	-6.22	AVG			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 22:08:02
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5290-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4825.000	-1.70	50.72	49.02	74.00	-24.98	peak	100	30	
2	10580.000	5.22	48.08	53.30	68.00	-14.70	peak			
3	10580.000	5.22	37.54	42.76	68.00	-25.24	AVG			
4	15870.000	12.42	46.44	58.86	74.00	-15.14	peak			
5	15870.000	12.42	35.27	47.69	54.00	-6.31	AVG			

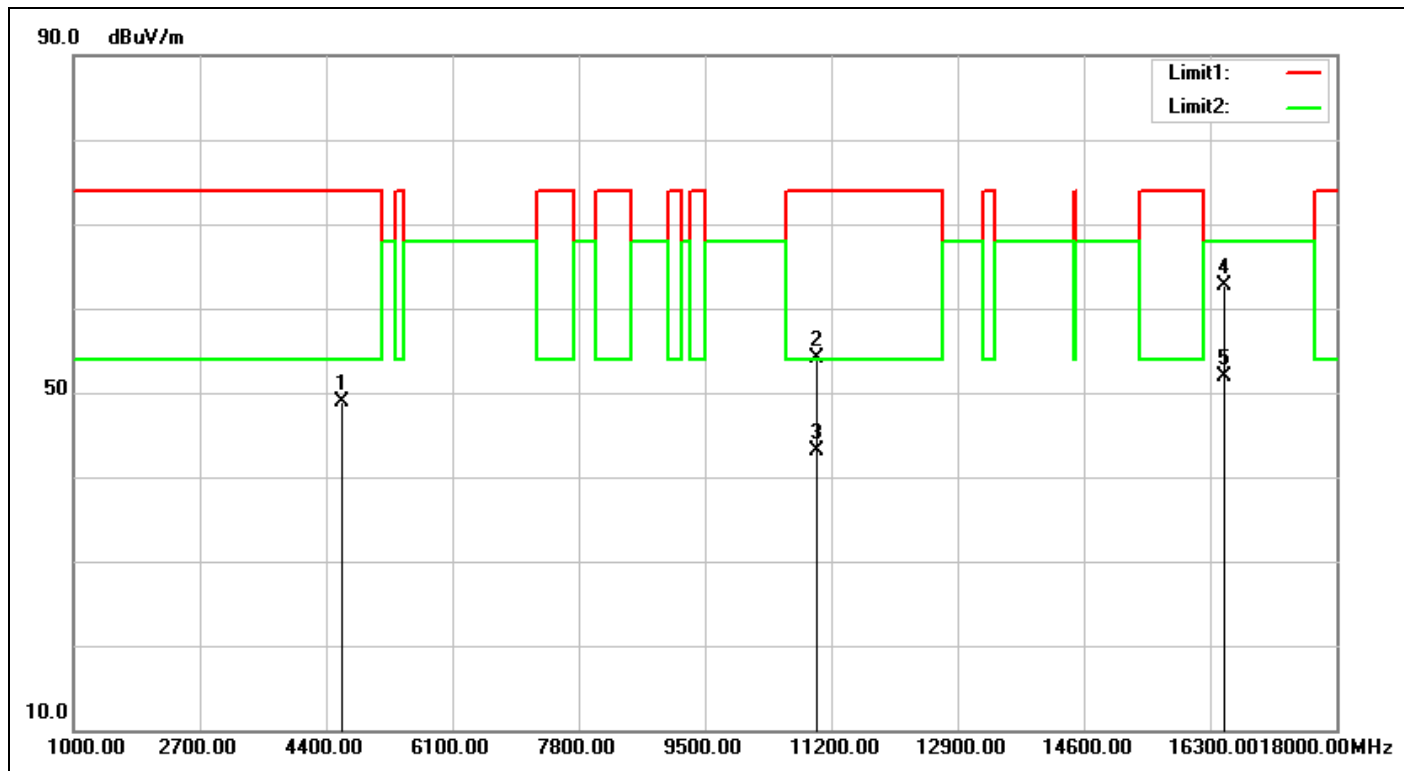
Spurious Emissions, TX Mode, 1-18G, U-NII-2C



TUV Rheinland Taiwan Ltd.

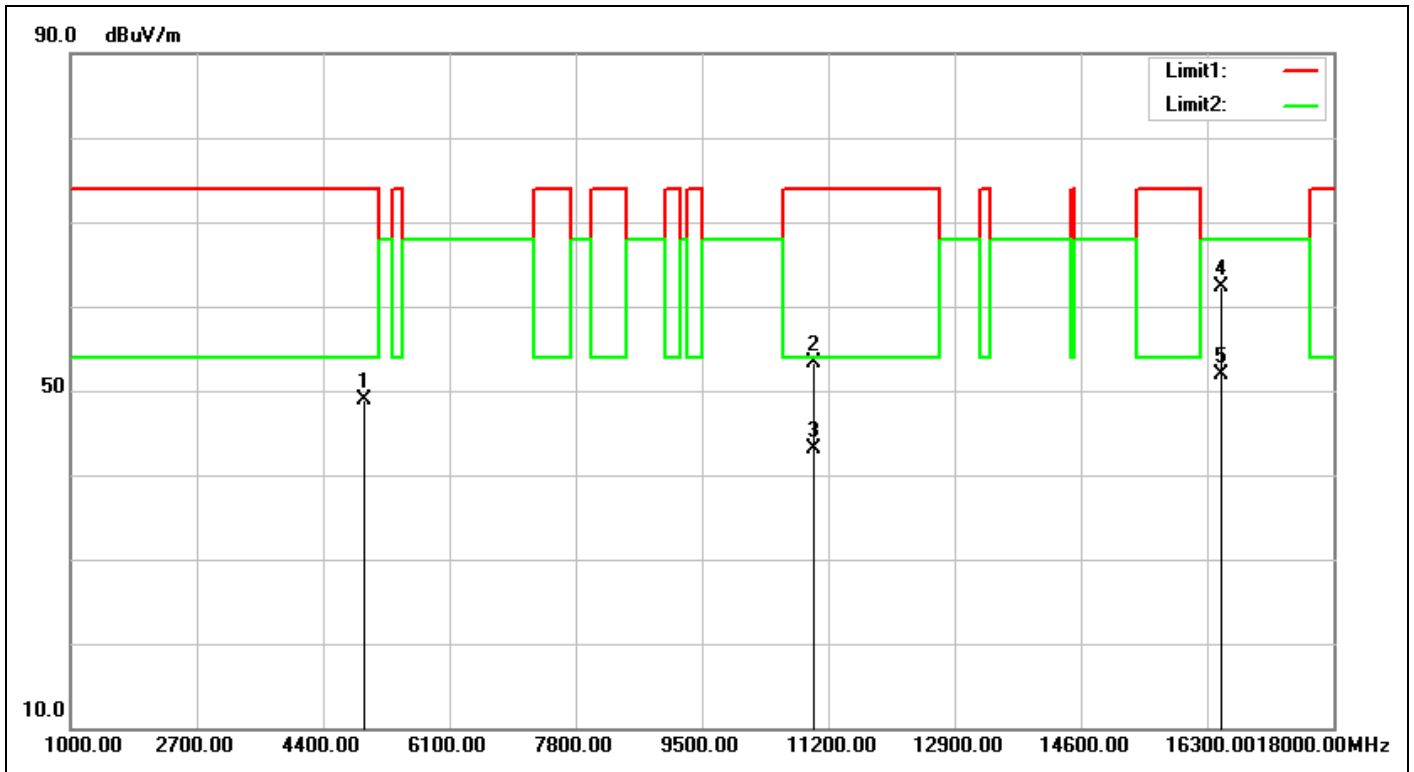
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



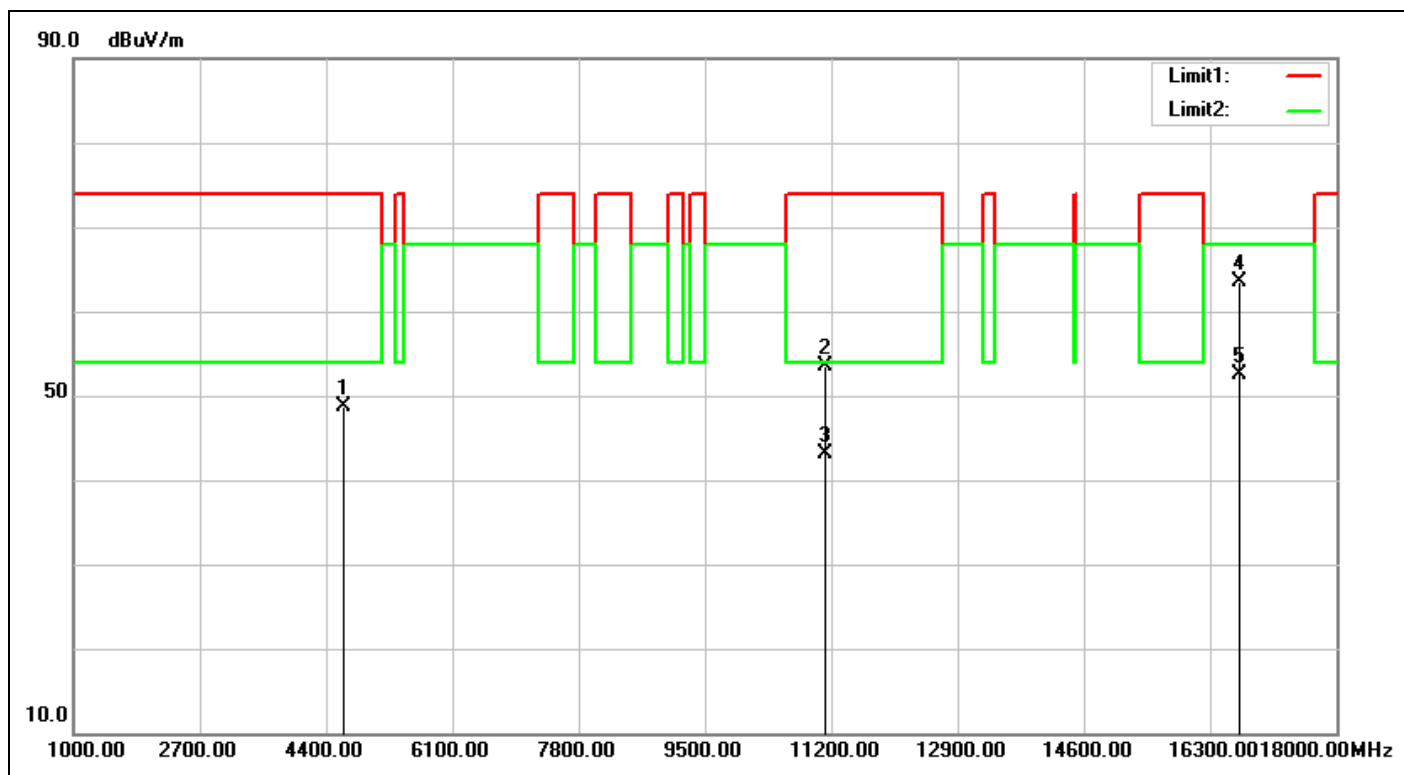
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 22:14:38
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5500-TX		
Remark:			

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	50.92	48.85	74.00	-25.15	peak	100	1	
2	11000.000	4.90	49.30	54.20	74.00	-19.80	peak		0	
3	11000.000	4.90	38.29	43.19	54.00	-10.81	AVG		0	
4	16500.000	15.73	46.97	62.70	68.00	-5.30	peak		0	
5	16500.000	15.73	36.17	51.90	68.00	-16.10	AVG		0	



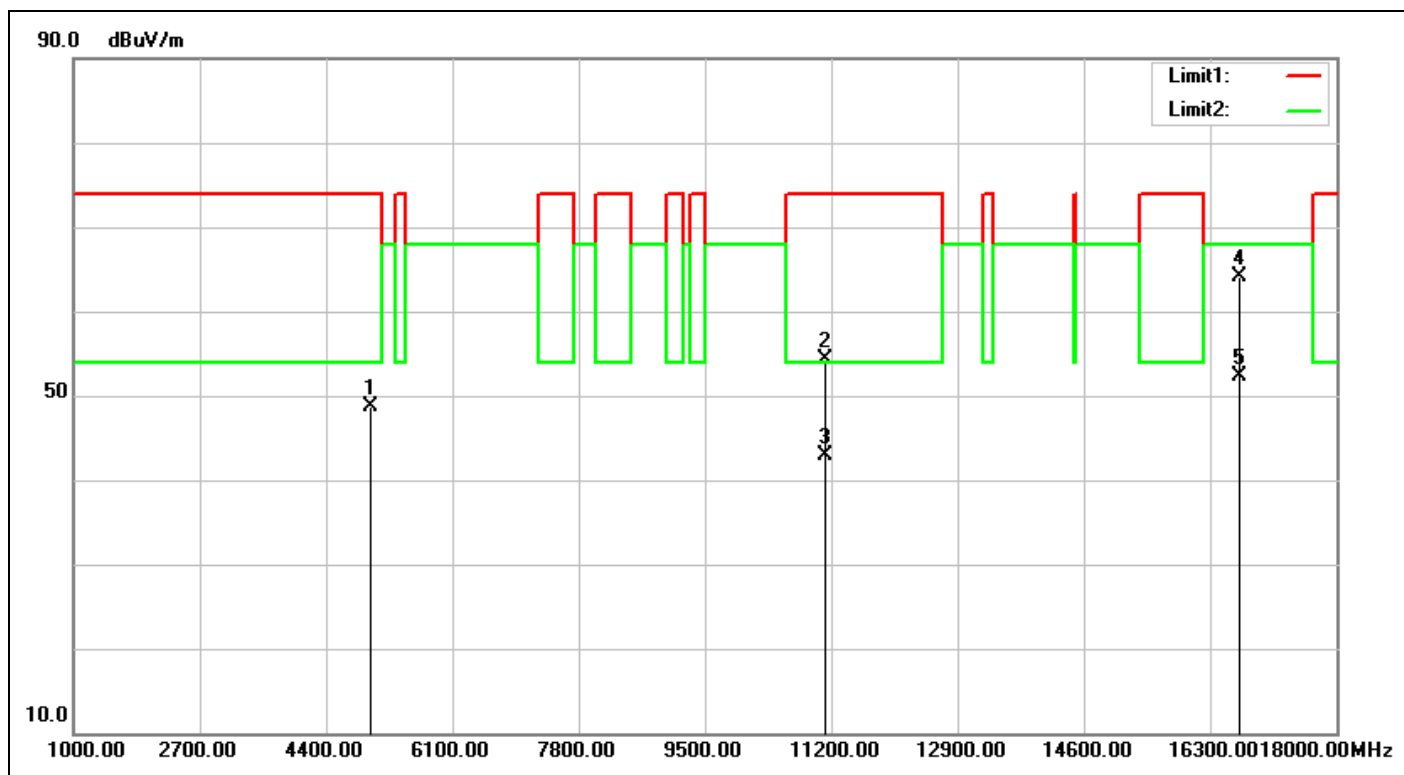
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 22:15:31
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5500-TX		
Remark:			

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	50.41	48.94	74.00	-25.06	peak	100	343	
2	11000.000	4.90	48.41	53.31	74.00	-20.69	peak			
3	11000.000	4.90	38.13	43.03	54.00	-10.97	AVG			
4	16500.000	15.73	46.62	62.35	68.00	-5.65	peak			
5	16500.000	15.73	36.08	51.81	68.00	-16.19	AVG			



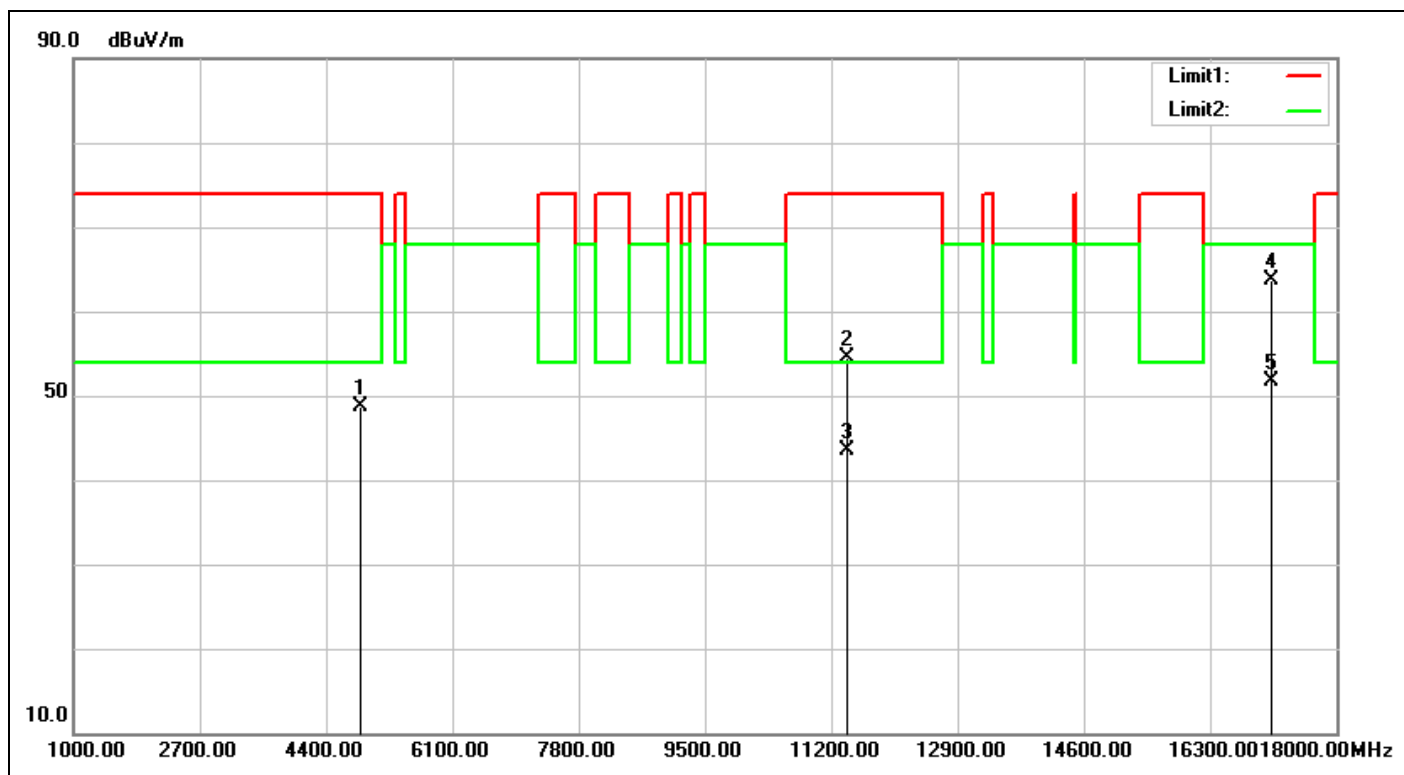
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 22:19:09
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5560-TX		
Remark:			

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	50.67	48.68	74.00	-25.32	peak	100	44	
2	11120.000	5.00	48.57	53.57	74.00	-20.43	peak			
3	11120.000	5.00	38.10	43.10	54.00	-10.90	AVG			
4	16680.000	15.66	47.92	63.58	68.00	-4.42	peak			
5	16680.000	15.66	36.89	52.55	68.00	-15.45	AVG			



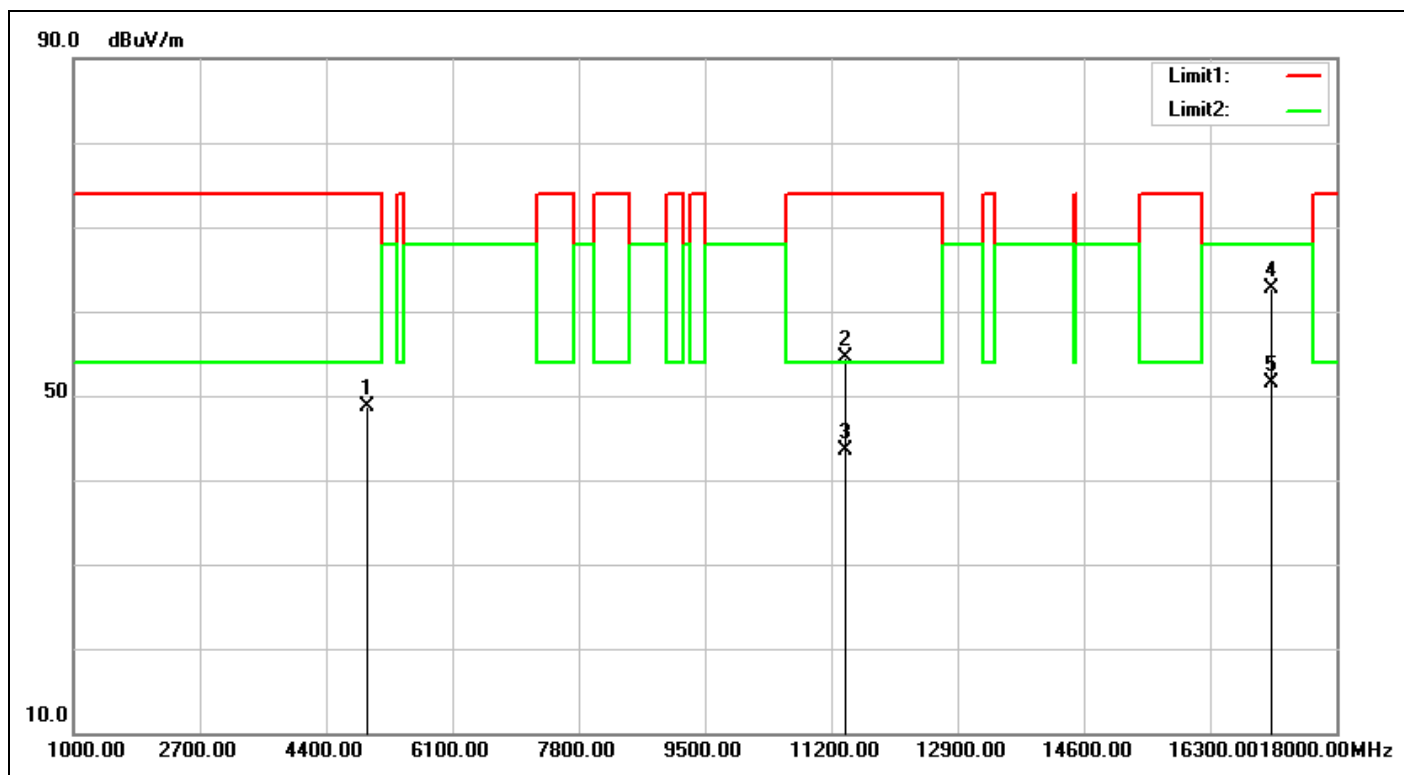
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 22:20:01
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5560-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4995.000	-1.41	50.19	48.78	74.00	-25.22	peak	100	231	
2	11120.000	5.00	49.27	54.27	74.00	-19.73	peak			
3	11120.000	5.00	37.94	42.94	54.00	-11.06	AVG			
4	16680.000	15.66	48.40	64.06	68.00	-3.94	peak			
5	16680.000	15.66	36.65	52.31	68.00	-15.69	AVG			



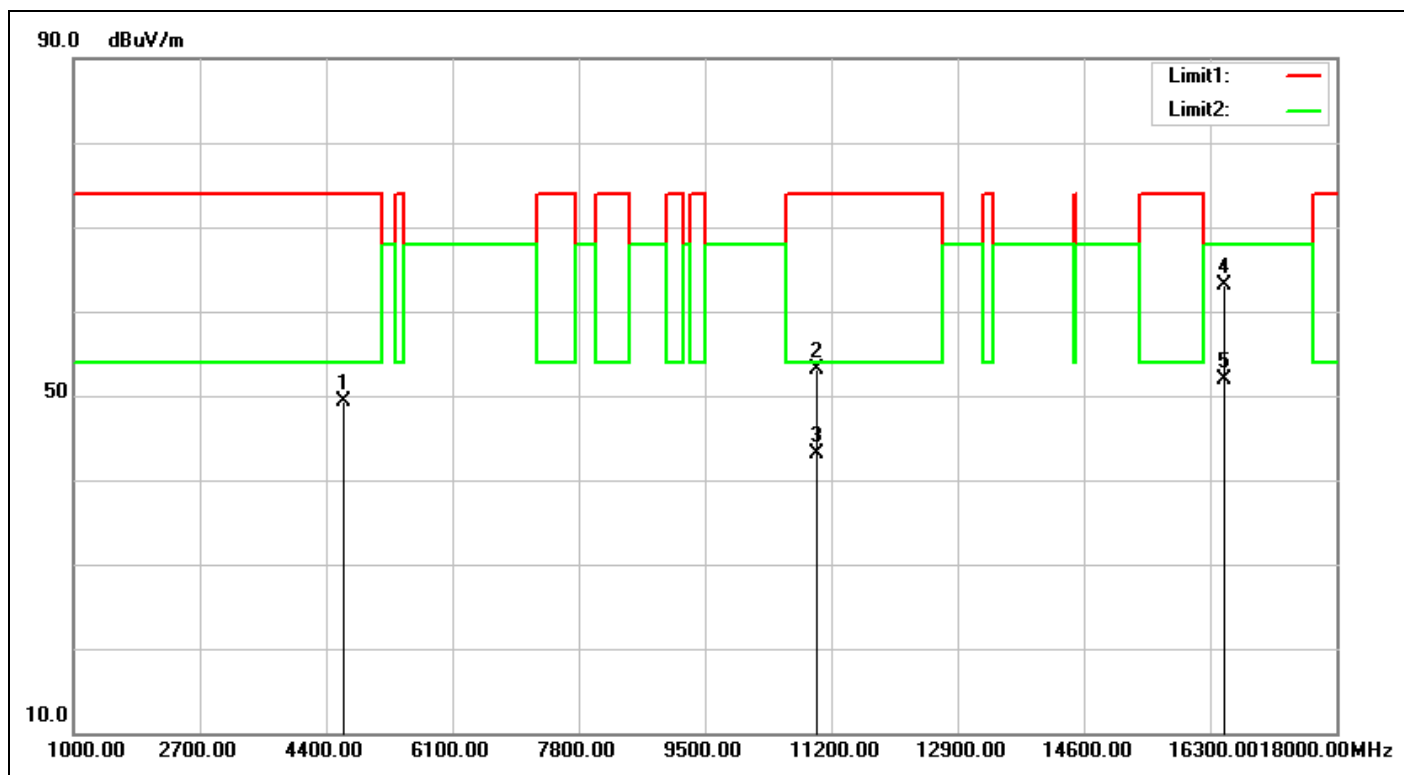
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 22:22:48
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5700-TX		
Remark:			

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	50.39	48.74	74.00	-25.26	peak	100	277	
2	11400.000	5.21	49.26	54.47	74.00	-19.53	peak			
3	11400.000	5.21	38.34	43.55	54.00	-10.45	AVG			
4	17100.000	15.37	48.30	63.67	68.00	-4.33	peak			
5	17100.000	15.37	36.30	51.67	68.00	-16.33	AVG			



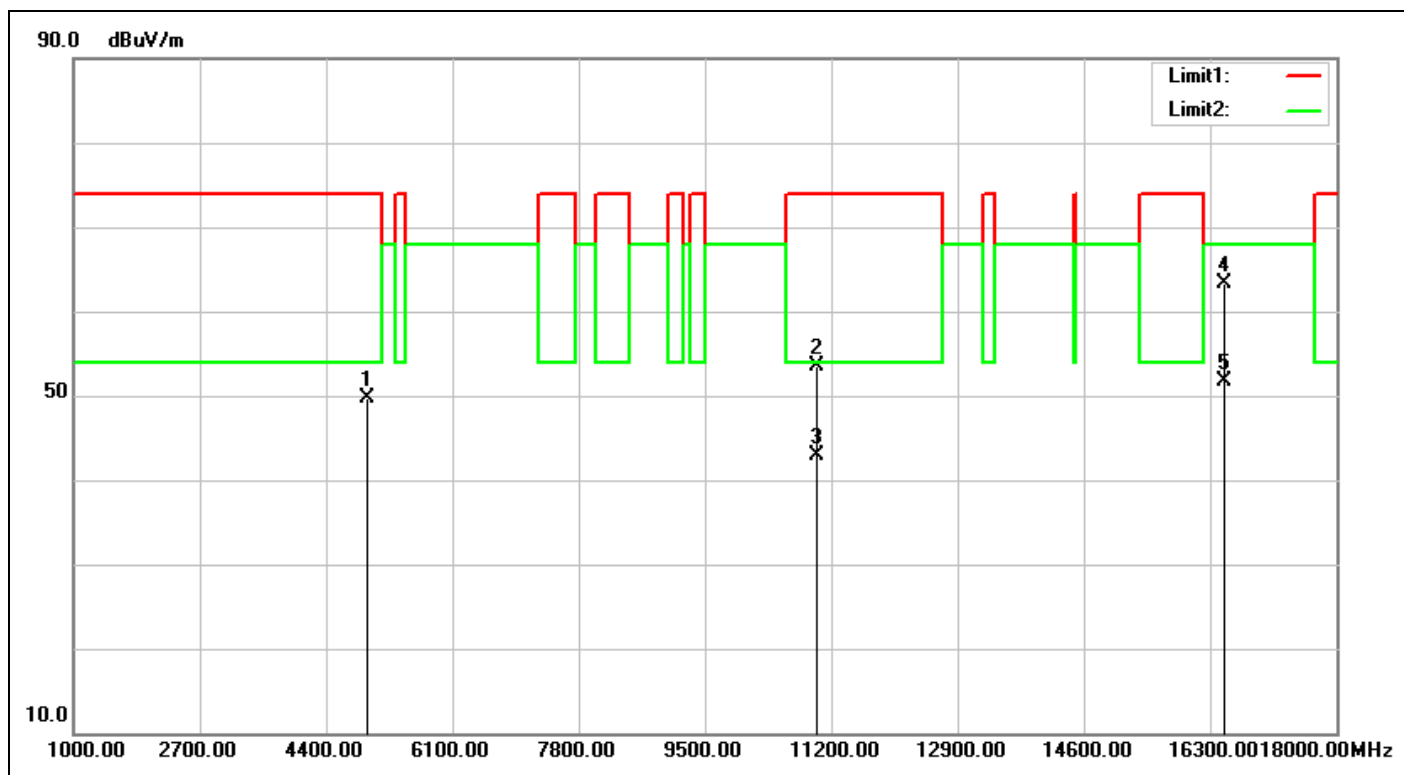
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 22:23:40
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5700-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4944.000	-1.49	50.26	48.77	74.00	-25.23	peak	100	204	
2	11400.000	5.21	49.26	54.47	74.00	-19.53	peak			
3	11400.000	5.21	38.26	43.47	54.00	-10.53	AVG			
4	17100.000	15.37	47.36	62.73	68.00	-5.27	peak			
5	17100.000	15.37	36.17	51.54	68.00	-16.46	AVG			



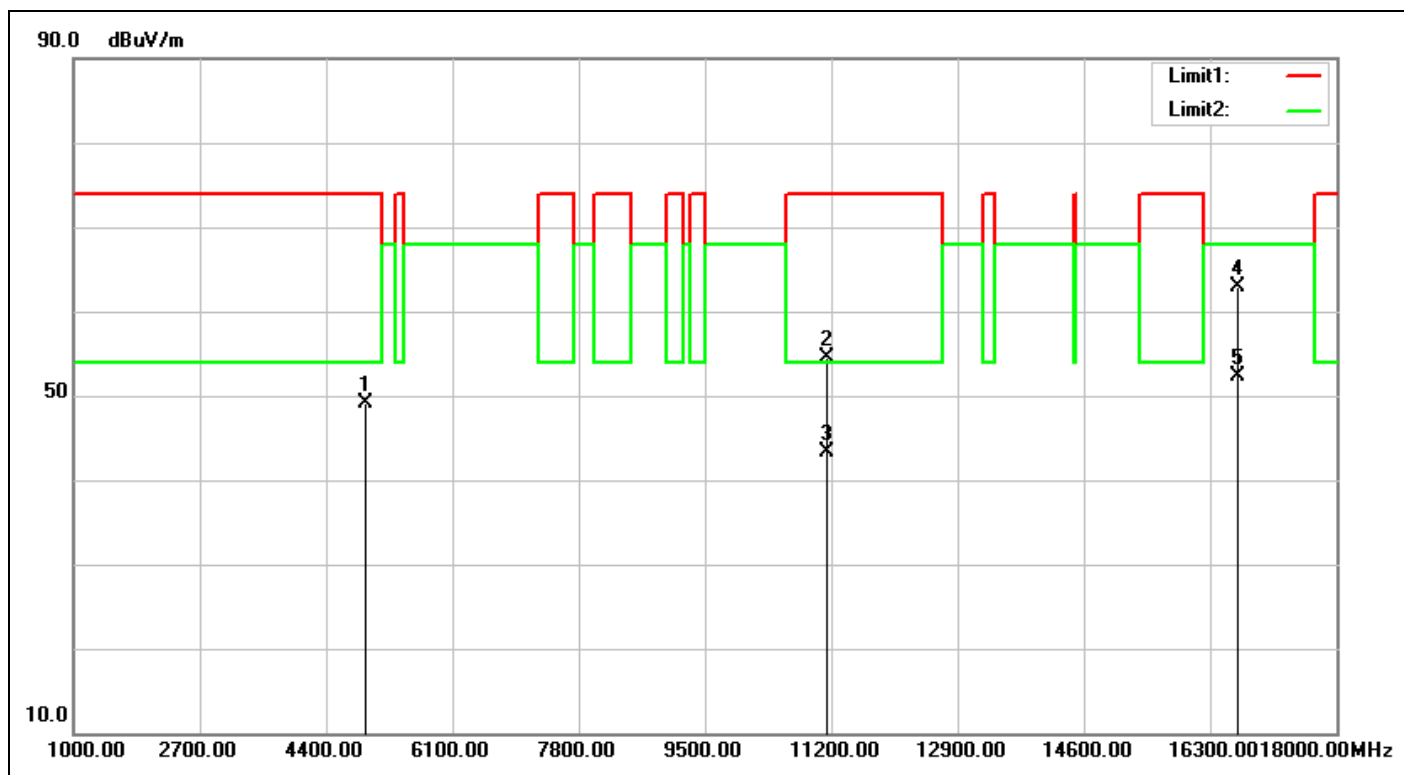
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 22:26:38
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5500-TX		
Remark:			

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	51.22	49.23	74.00	-24.77	peak	100	129	
2	11000.000	4.90	48.26	53.16	74.00	-20.84	peak			
3	11000.000	4.90	38.15	43.05	54.00	-10.95	AVG			
4	16500.000	15.73	47.40	63.13	68.00	-4.87	peak			
5	16500.000	15.73	36.15	51.88	68.00	-16.12	AVG			



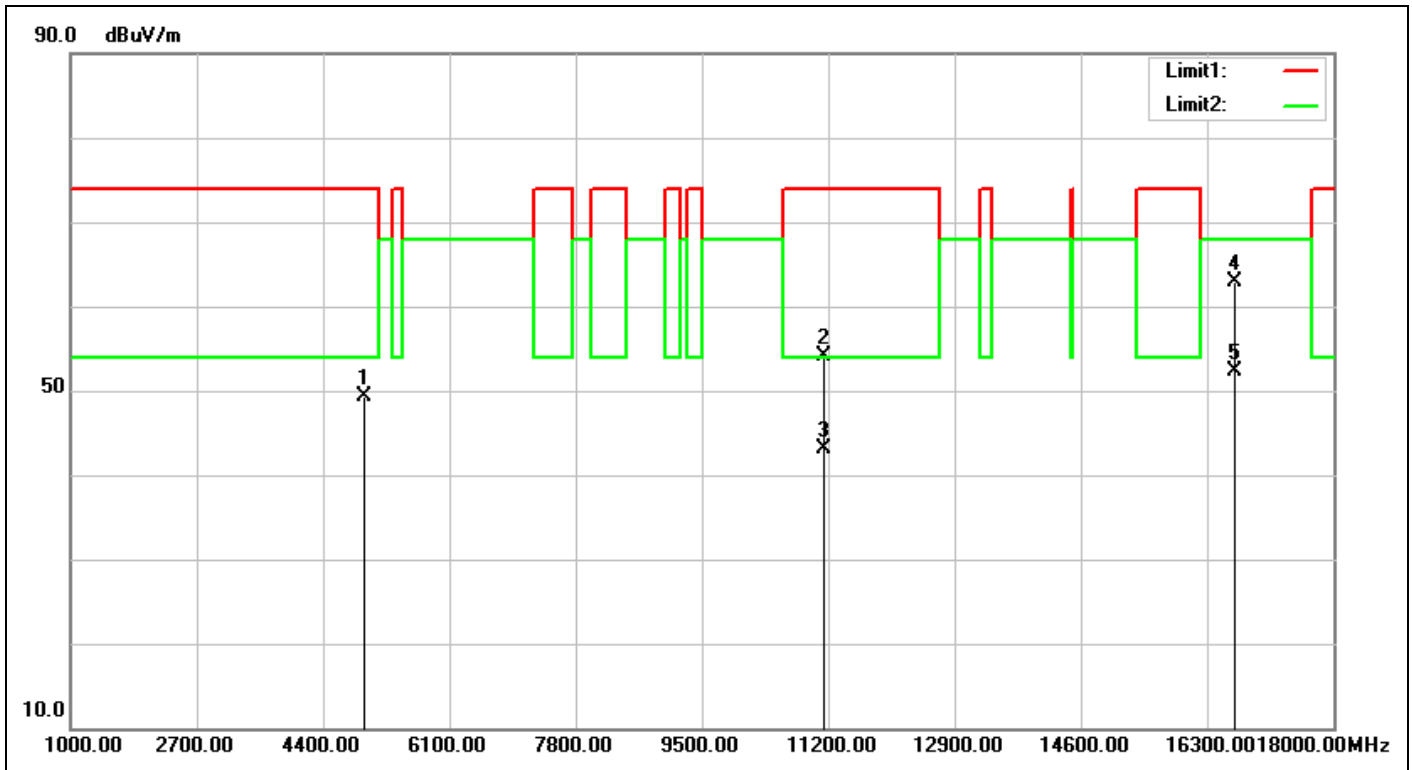
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 22:27:31
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5500-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4944.000	-1.49	51.14	49.65	74.00	-24.35	peak	100	264	
2	11000.000	4.90	48.55	53.45	74.00	-20.55	peak			
3	11000.000	4.90	38.06	42.96	54.00	-11.04	AVG			
4	16500.000	15.73	47.57	63.30	68.00	-4.70	peak			
5	16500.000	15.73	36.06	51.79	68.00	-16.21	AVG			



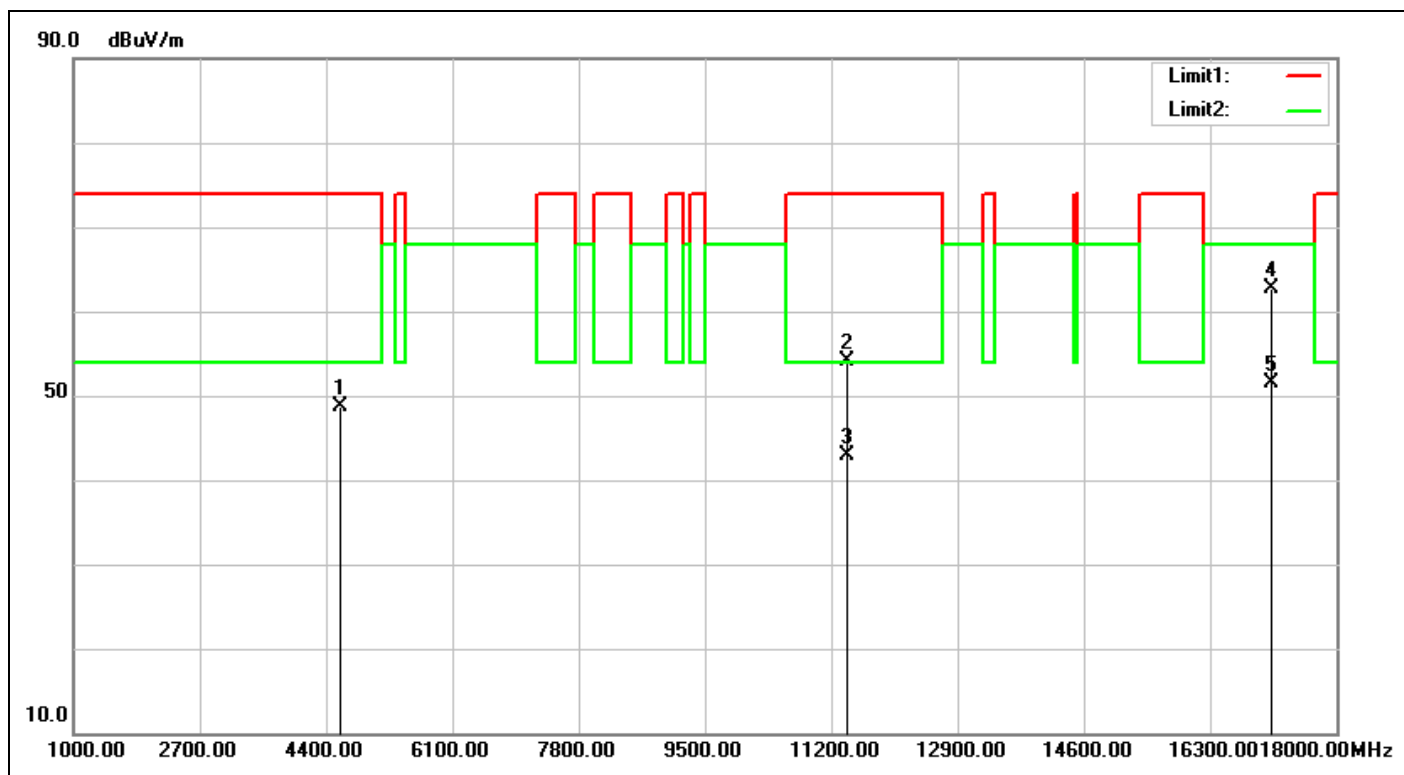
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 22:30:25
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5560-TX		
Remark:			

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	50.64	49.10	74.00	-24.90	peak	100	102	
2	11120.000	5.00	49.41	54.41	74.00	-19.59	peak			
3	11120.000	5.00	38.21	43.21	54.00	-10.79	AVG			
4	16680.000	15.66	47.22	62.88	68.00	-5.12	peak			
5	16680.000	15.66	36.67	52.33	68.00	-15.67	AVG			



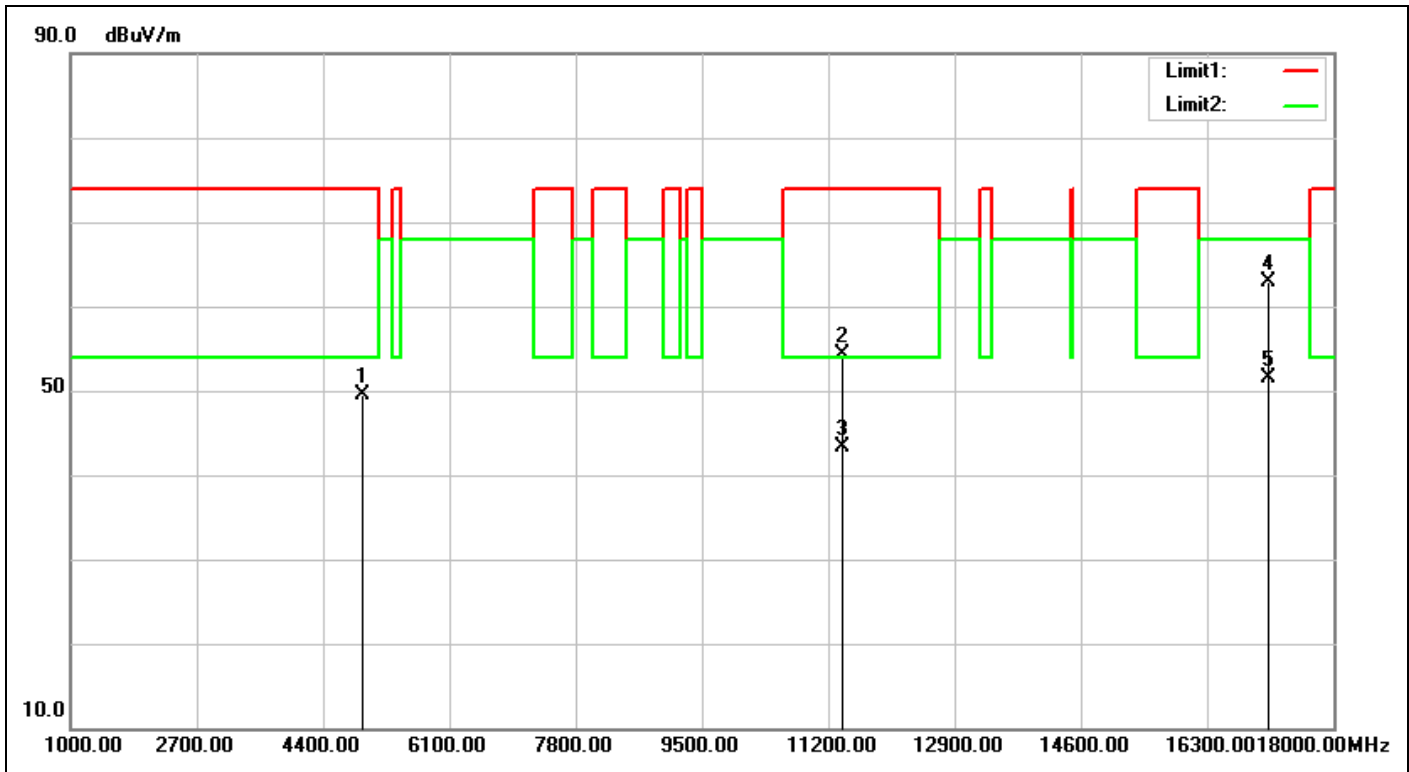
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 22:31:17
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5560-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4944.000	-1.49	50.72	49.23	74.00	-24.77	peak	100	227	
2	11120.000	5.00	49.10	54.10	74.00	-19.90	peak			
3	11120.000	5.00	38.01	43.01	54.00	-10.99	AVG			
4	16680.000	15.66	47.24	62.90	68.00	-5.10	peak			
5	16680.000	15.66	36.63	52.29	68.00	-15.71	AVG			



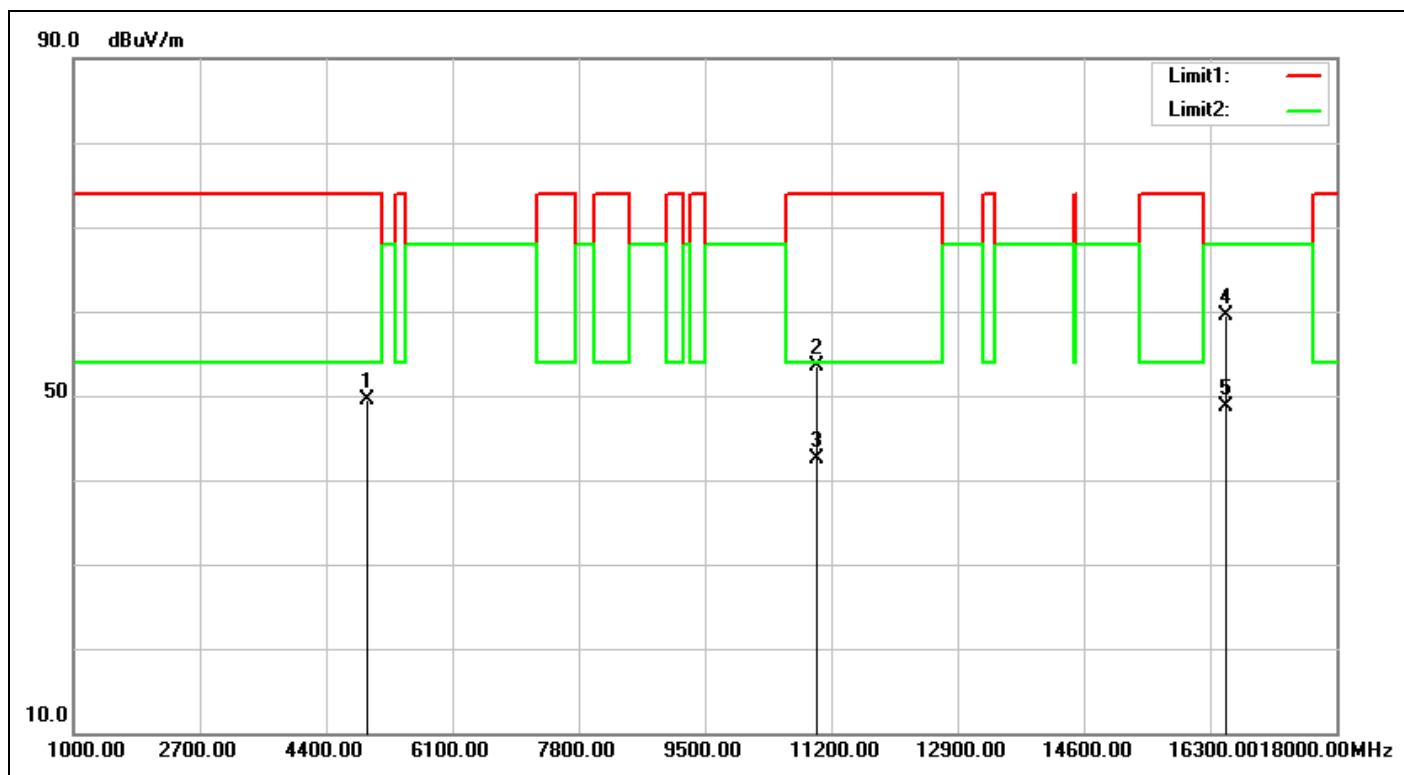
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/16 22:33:51
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5700-TX		
Remark:			

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	50.88	48.78	74.00	-25.22	peak	100	273	
2	11400.000	5.21	48.84	54.05	74.00	-19.95	peak			
3	11400.000	5.21	37.77	42.98	54.00	-11.02	AVG			
4	17100.000	15.37	47.30	62.67	68.00	-5.33	peak			
5	17100.000	15.37	36.08	51.45	68.00	-16.55	AVG			



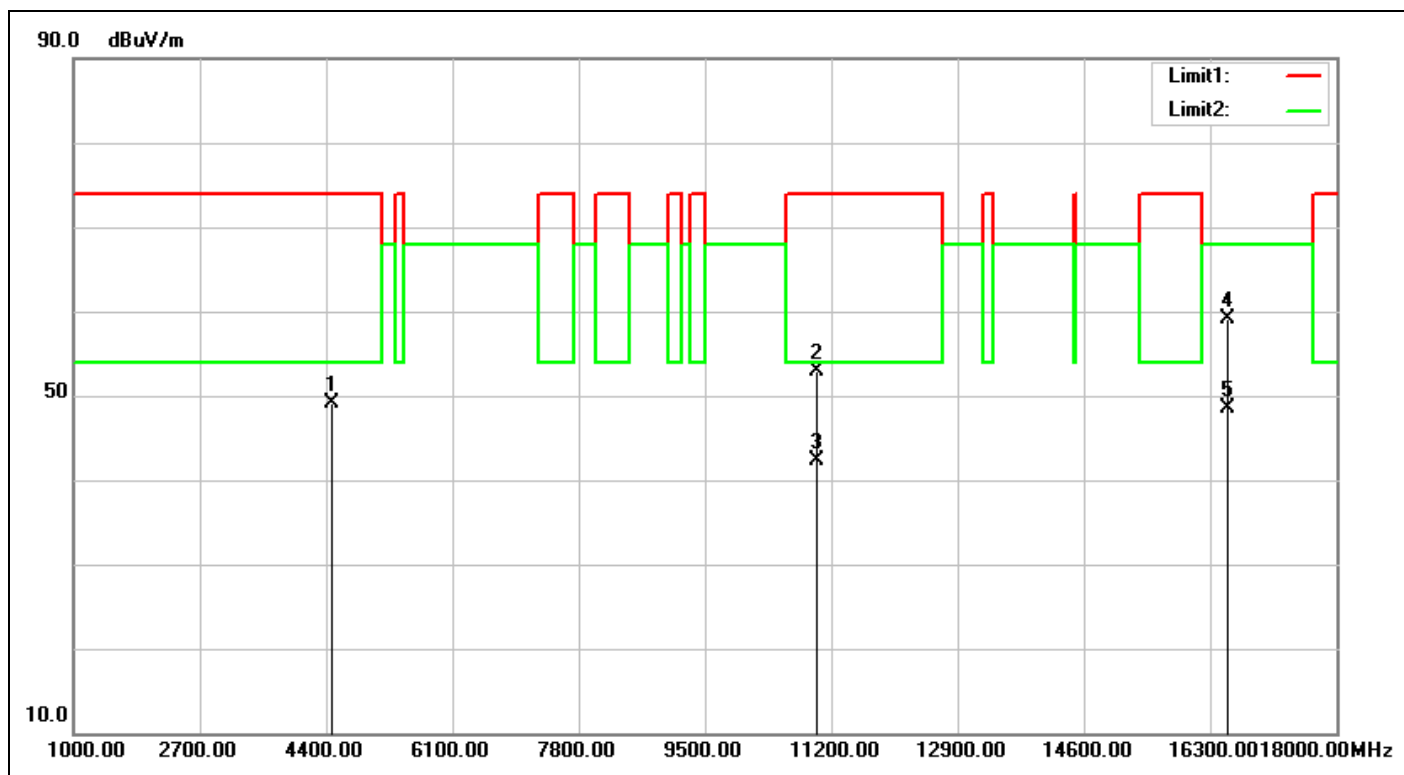
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/16 22:34:44
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	22.5(°C)/53%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5700-TX		
Remark:			

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	51.06	49.52	74.00	-24.48	peak	100	111	
2	11400.000	5.21	49.05	54.26	74.00	-19.74	peak			
3	11400.000	5.21	38.19	43.40	54.00	-10.60	AVG			
4	17100.000	15.37	47.49	62.86	68.00	-5.14	peak			
5	17100.000	15.37	36.17	51.54	68.00	-16.46	AVG			



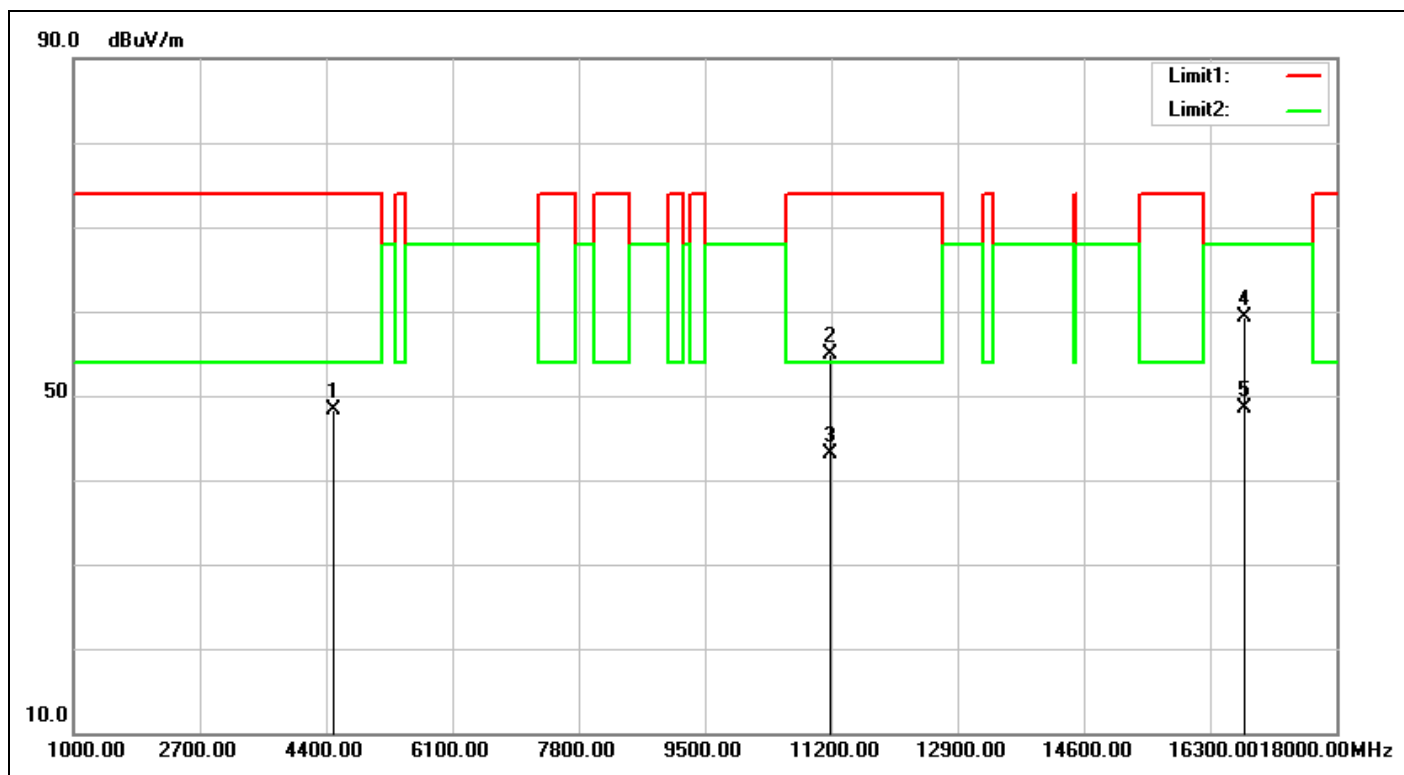
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 19:18:17
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5510-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4944.000	-1.49	50.93	49.44	74.00	-24.56	peak	100	202	
2	11020.000	4.92	48.66	53.58	74.00	-20.42	peak			
3	11020.000	4.92	37.57	42.49	54.00	-11.51	AVG			
4	16530.000	15.72	43.78	59.50	68.00	-8.50	peak			
5	16530.000	15.72	33.03	48.75	68.00	-19.25	AVG			



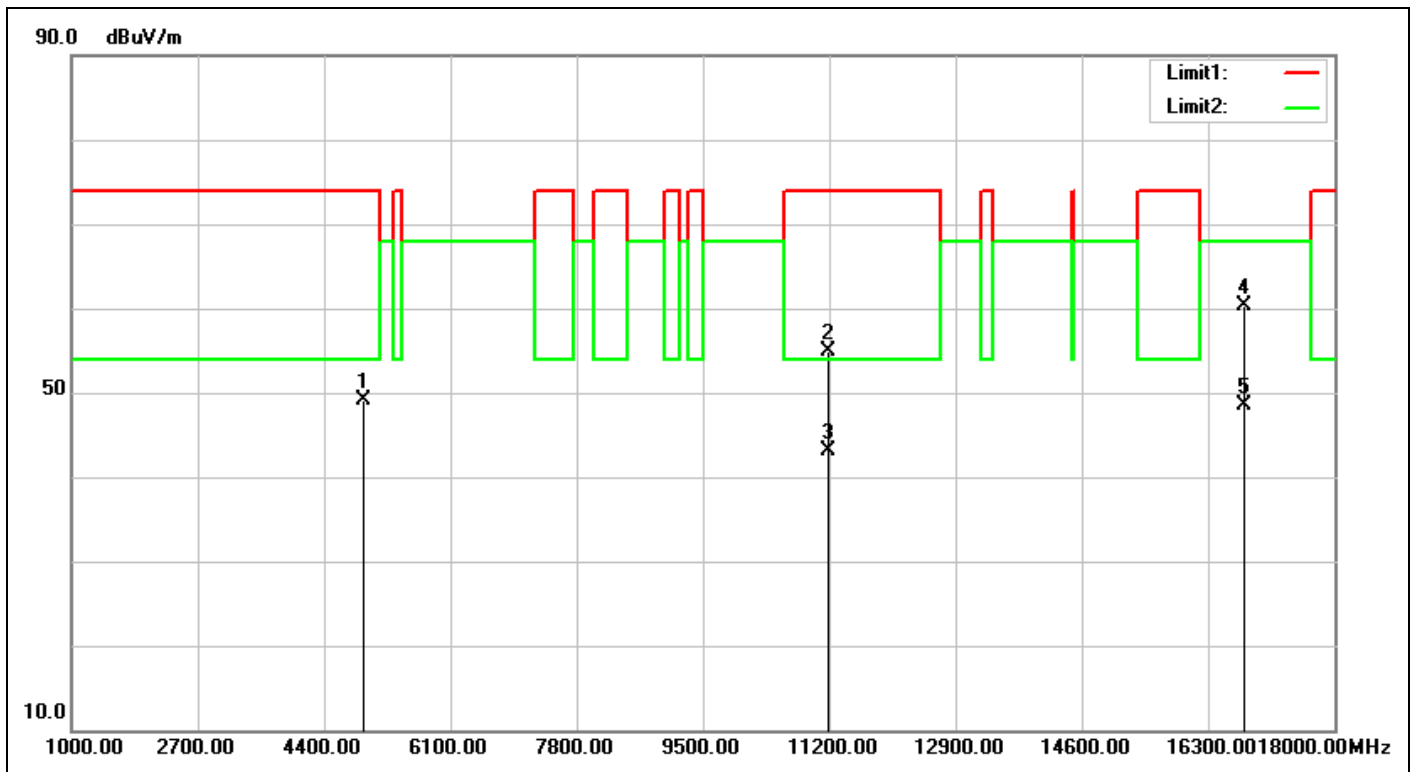
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 19:19:10
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5510-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4485.000	-2.29	51.40	49.11	74.00	-24.89	peak	100	360	
2	11020.000	4.92	48.03	52.95	74.00	-21.05	peak			
3	11020.000	4.92	37.45	42.37	54.00	-11.63	AVG			
4	16530.000	15.72	43.46	59.18	68.00	-8.82	peak			
5	16530.000	15.72	32.88	48.60	68.00	-19.40	AVG			



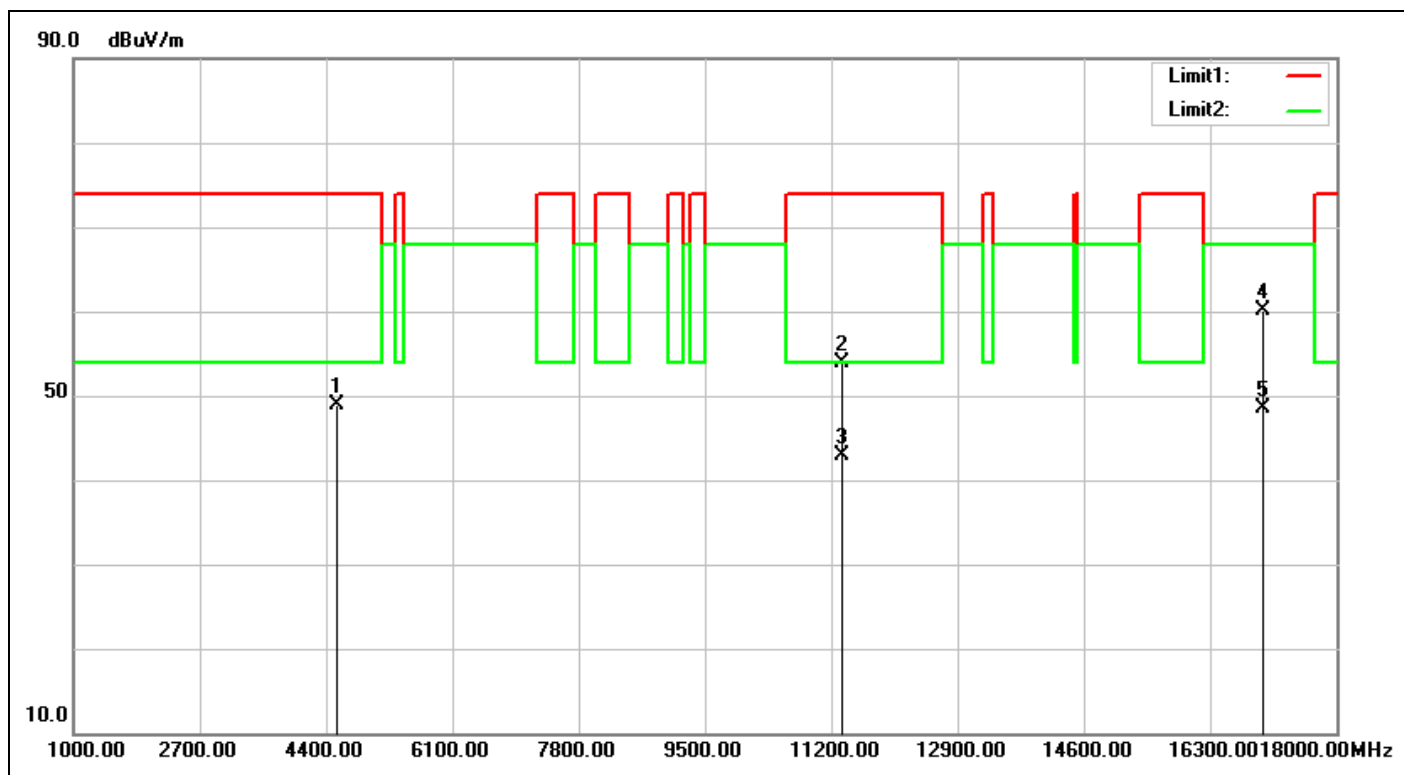
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 19:29:30
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5590-TX		
Remark:			

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	50.61	48.38	74.00	-25.62	peak	100	358	
2	11180.000	5.04	49.91	54.95	74.00	-19.05	peak			
3	11180.000	5.04	38.12	43.16	54.00	-10.84	AVG			
4	16770.000	15.64	43.57	59.21	68.00	-8.79	peak			
5	16770.000	15.64	32.84	48.48	68.00	-19.52	AVG			



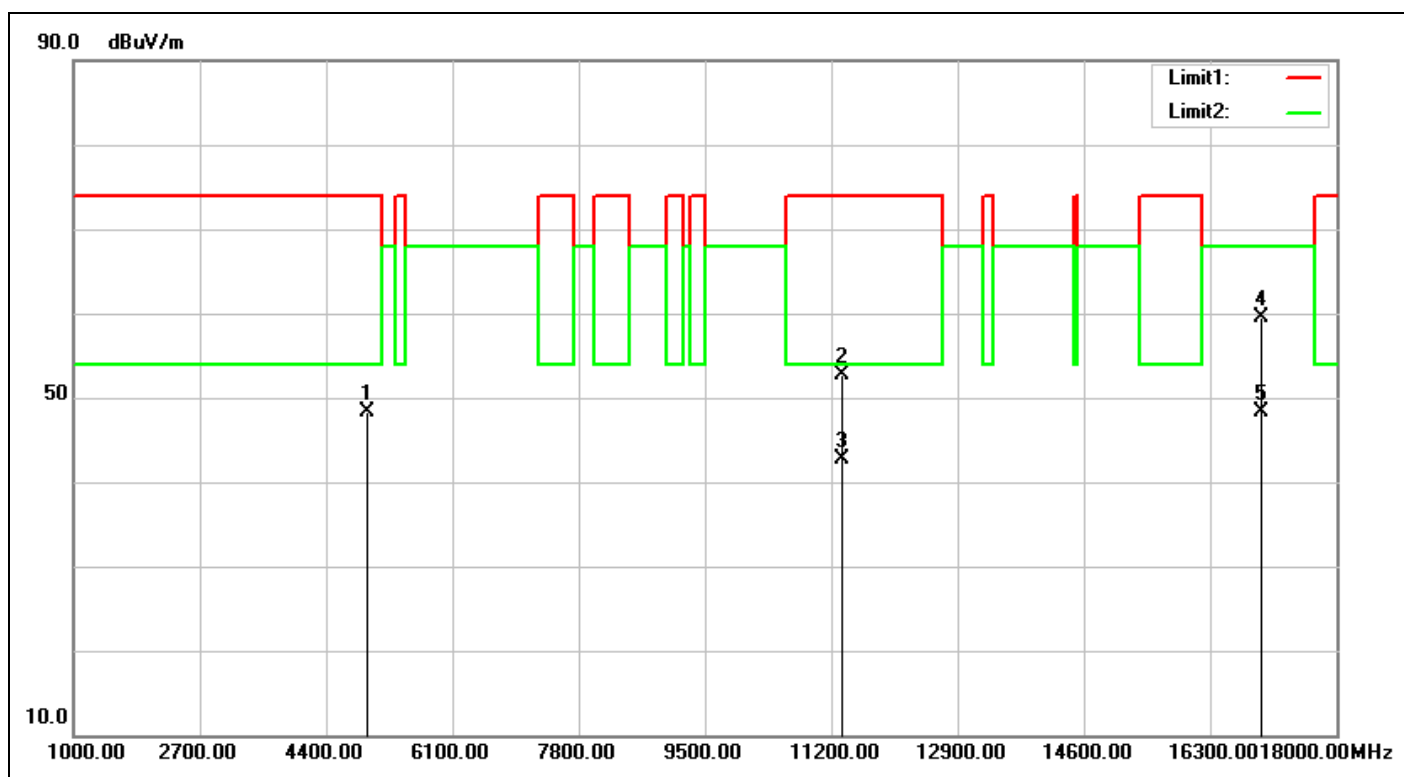
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 19:30:22
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5590-TX		
Remark:			

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	50.63	49.09	74.00	-24.91	peak	100	193	
2	11180.000	5.04	49.93	54.97	74.00	-19.03	peak			
3	11180.000	5.04	38.06	43.10	54.00	-10.90	AVG			
4	16770.000	15.64	44.66	60.30	68.00	-7.70	peak			
5	16770.000	15.64	32.77	48.41	68.00	-19.59	AVG			



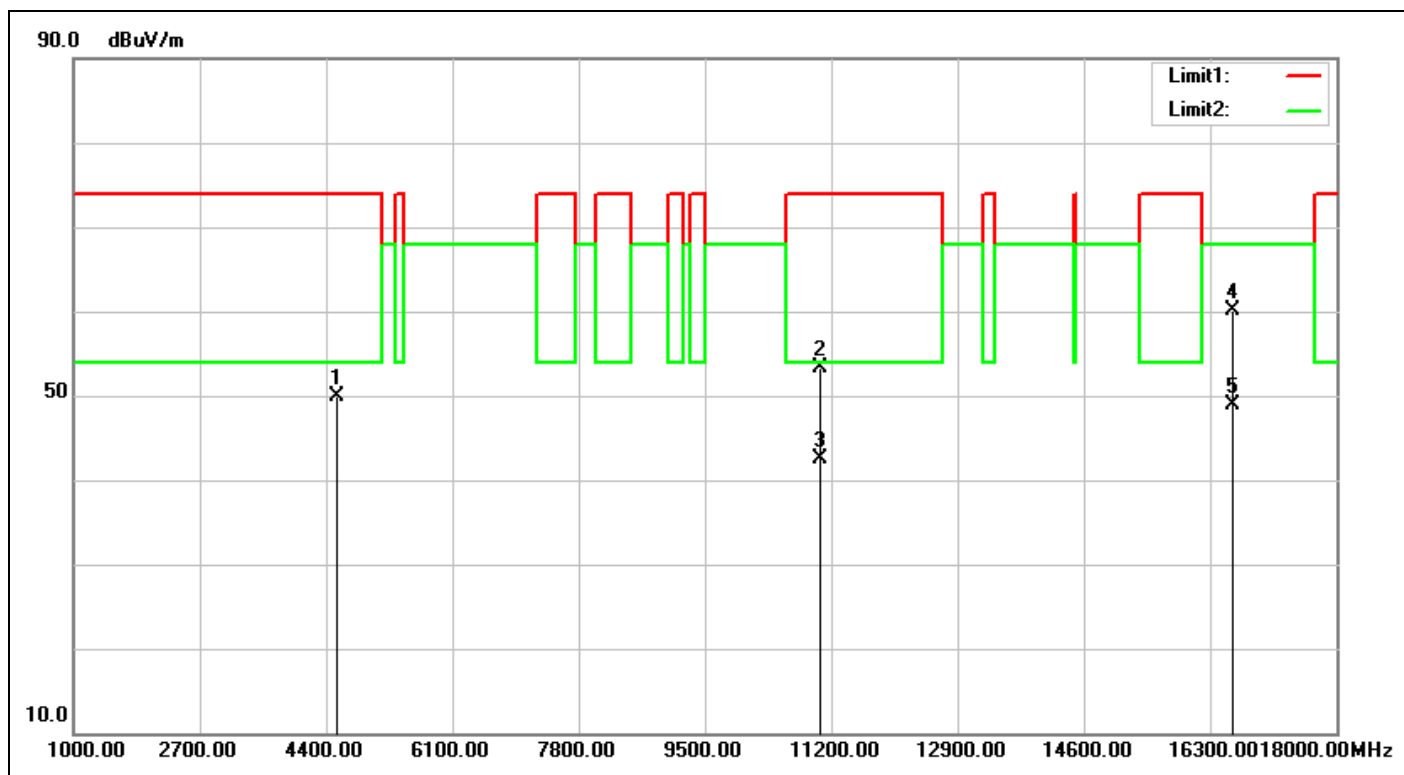
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 19:33:15
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5670-TX		
Remark:			

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	51.00	48.85	74.00	-25.15	peak	100	242	
2	11340.000	5.16	48.83	53.99	74.00	-20.01	peak			
3	11340.000	5.16	37.68	42.84	54.00	-11.16	AVG			
4	17010.000	15.53	44.59	60.12	68.00	-7.88	peak			
5	17010.000	15.53	32.90	48.43	68.00	-19.57	AVG			



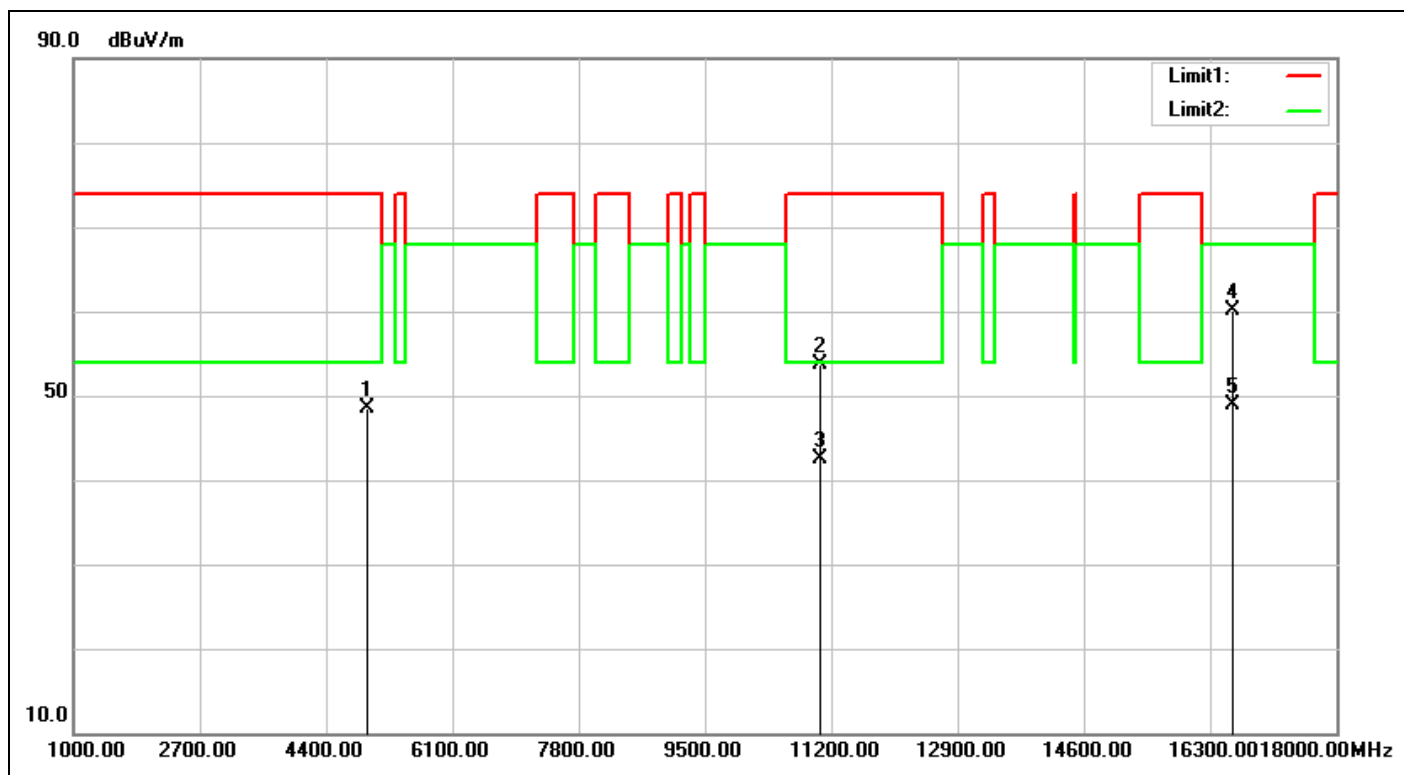
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 19:34:07
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5670-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4944.000	-1.49	49.85	48.36	74.00	-25.64	peak	100	343	
2	11340.000	5.16	47.64	52.80	74.00	-21.20	peak			
3	11340.000	5.16	37.56	42.72	54.00	-11.28	AVG			
4	17010.000	15.53	44.01	59.54	68.00	-8.46	peak			
5	17010.000	15.53	32.85	48.38	68.00	-19.62	AVG			



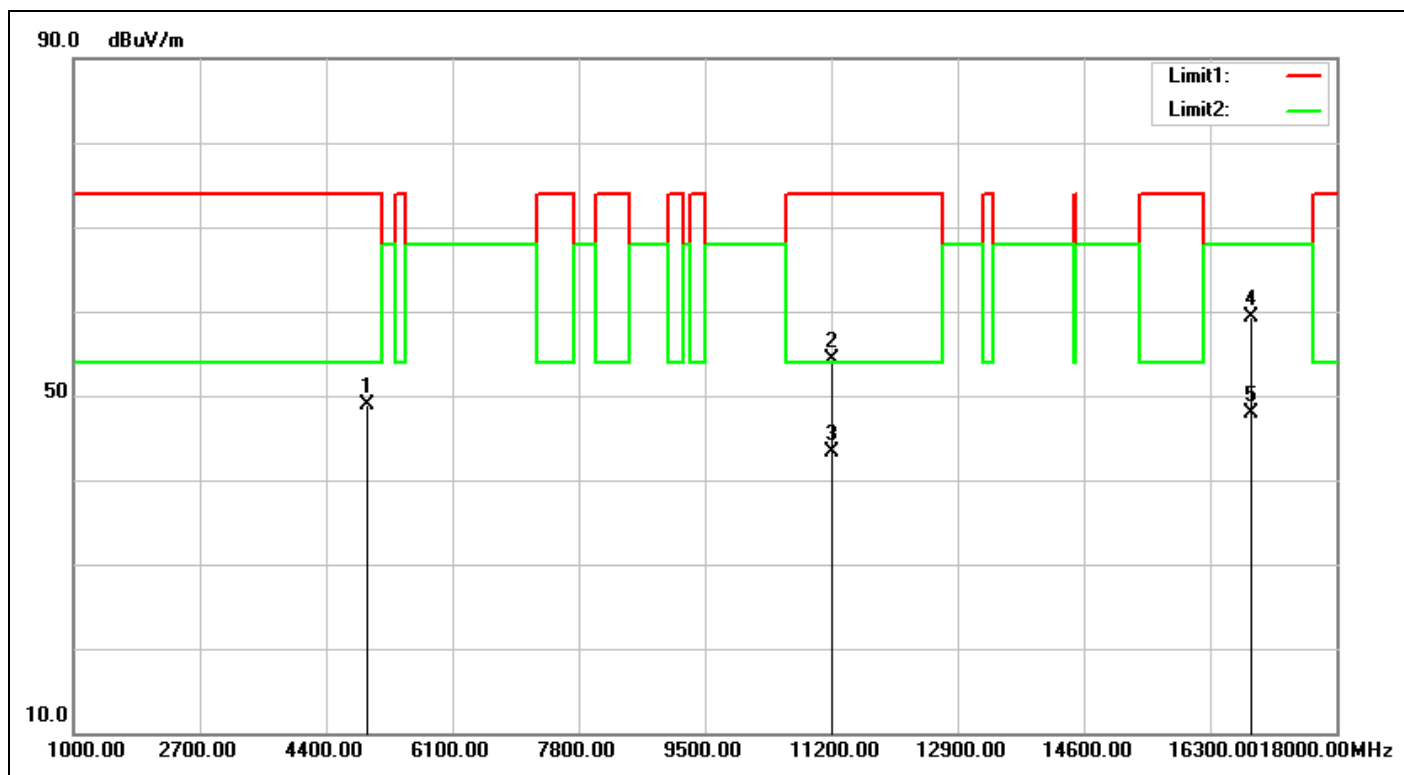
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 19:37:37
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5530-TX		
Remark:			

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	51.99	49.84	74.00	-24.16	peak	100	274	
2	11060.000	4.95	48.30	53.25	74.00	-20.75	peak			
3	11060.000	4.95	37.61	42.56	54.00	-11.44	AVG			
4	16590.000	15.70	44.33	60.03	68.00	-7.97	peak			
5	16590.000	15.70	33.19	48.89	68.00	-19.11	AVG			



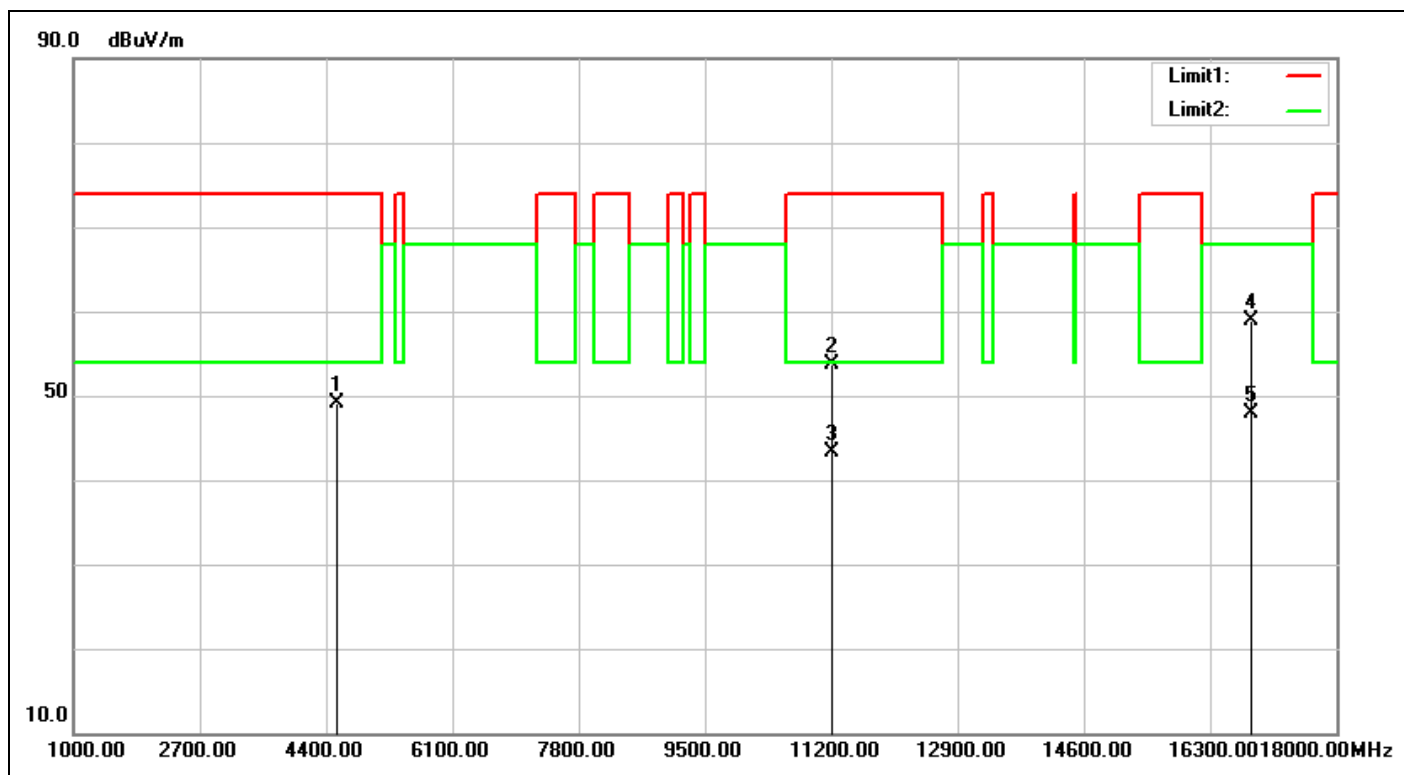
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 19:38:29
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5530-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4944.000	-1.49	50.07	48.58	74.00	-25.42	peak	100	21	
2	11060.000	4.95	48.66	53.61	74.00	-20.39	peak			
3	11060.000	4.95	37.54	42.49	54.00	-11.51	AVG			
4	16590.000	15.70	44.38	60.08	68.00	-7.92	peak			
5	16590.000	15.70	33.14	48.84	68.00	-19.16	AVG			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 19:41:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5610-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4944.000	-1.49	50.34	48.85	74.00	-25.15	peak	100	201	
2	11220.000	5.07	49.31	54.38	74.00	-19.62	peak			
3	11220.000	5.07	38.32	43.39	54.00	-10.61	AVG			
4	16830.000	15.61	43.72	59.33	68.00	-8.67	peak			
5	16830.000	15.61	32.34	47.95	68.00	-20.05	AVG			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 19:42:11
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5610-TX		
Remark:			

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	51.22	49.07	74.00	-24.93	peak	100	172	
2	11220.000	5.07	48.73	53.80	74.00	-20.20	peak			
3	11220.000	5.07	38.24	43.31	54.00	-10.69	AVG			
4	16830.000	15.61	43.34	58.95	68.00	-9.05	peak			
5	16830.000	15.61	32.24	47.85	68.00	-20.15	AVG			

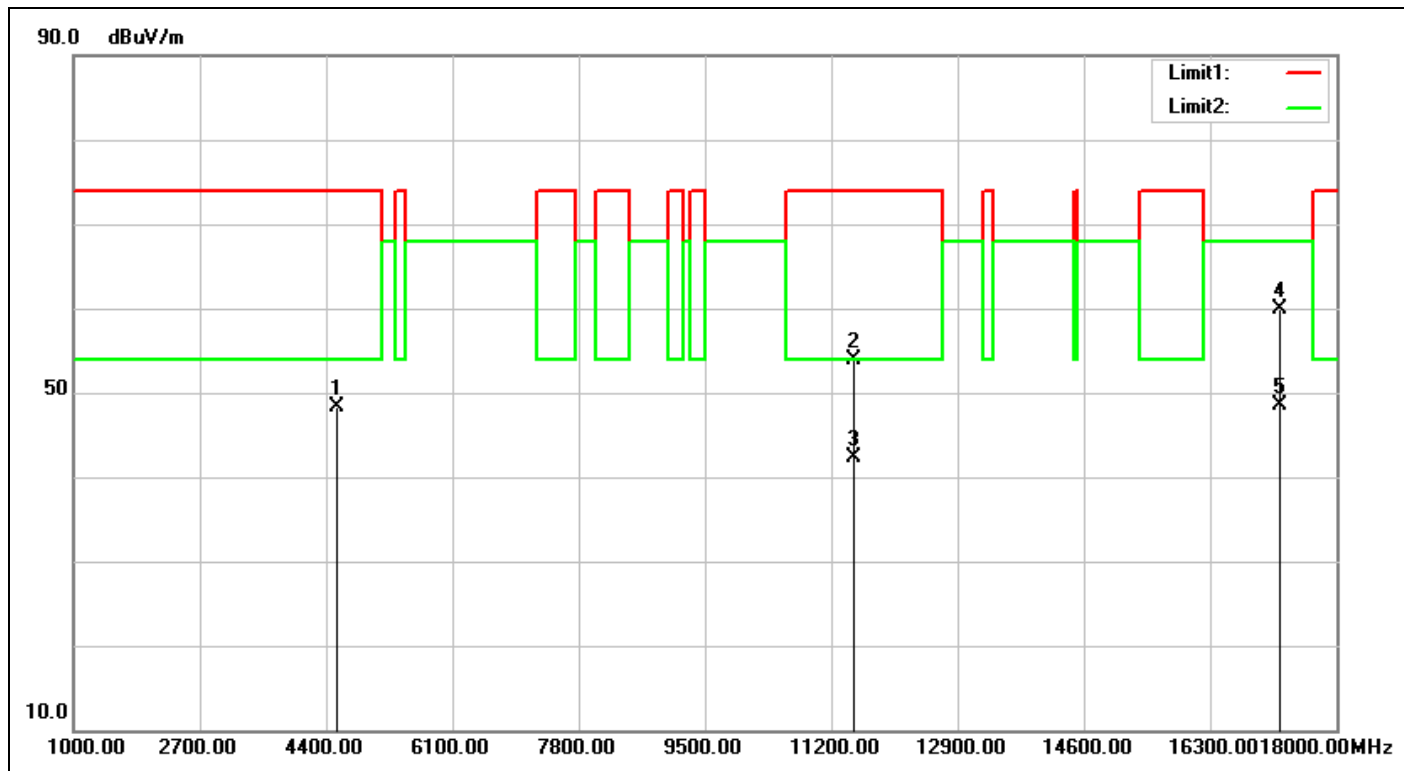
Spurious Emissions, TX Mode, 1-18G, U-NII-3



TUV Rheinland Taiwan Ltd.

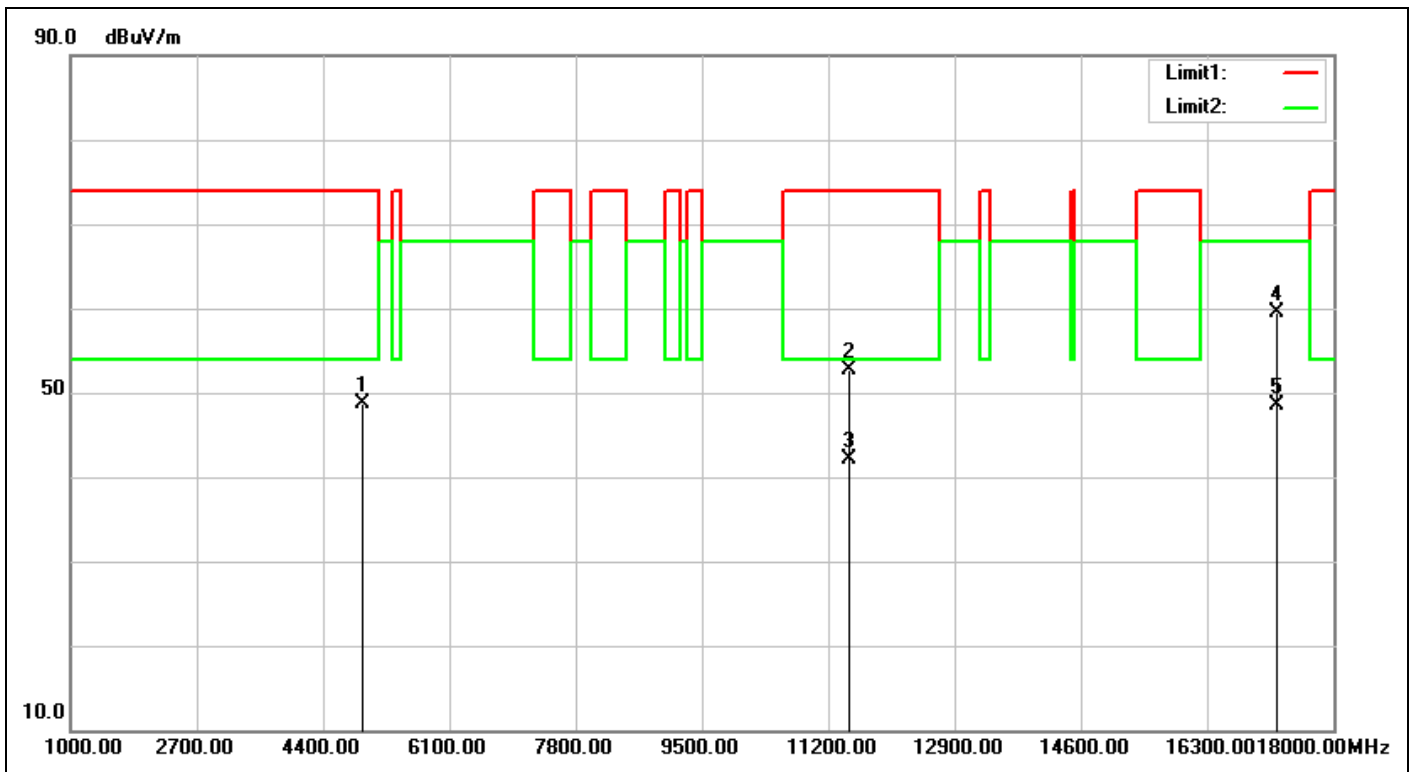
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



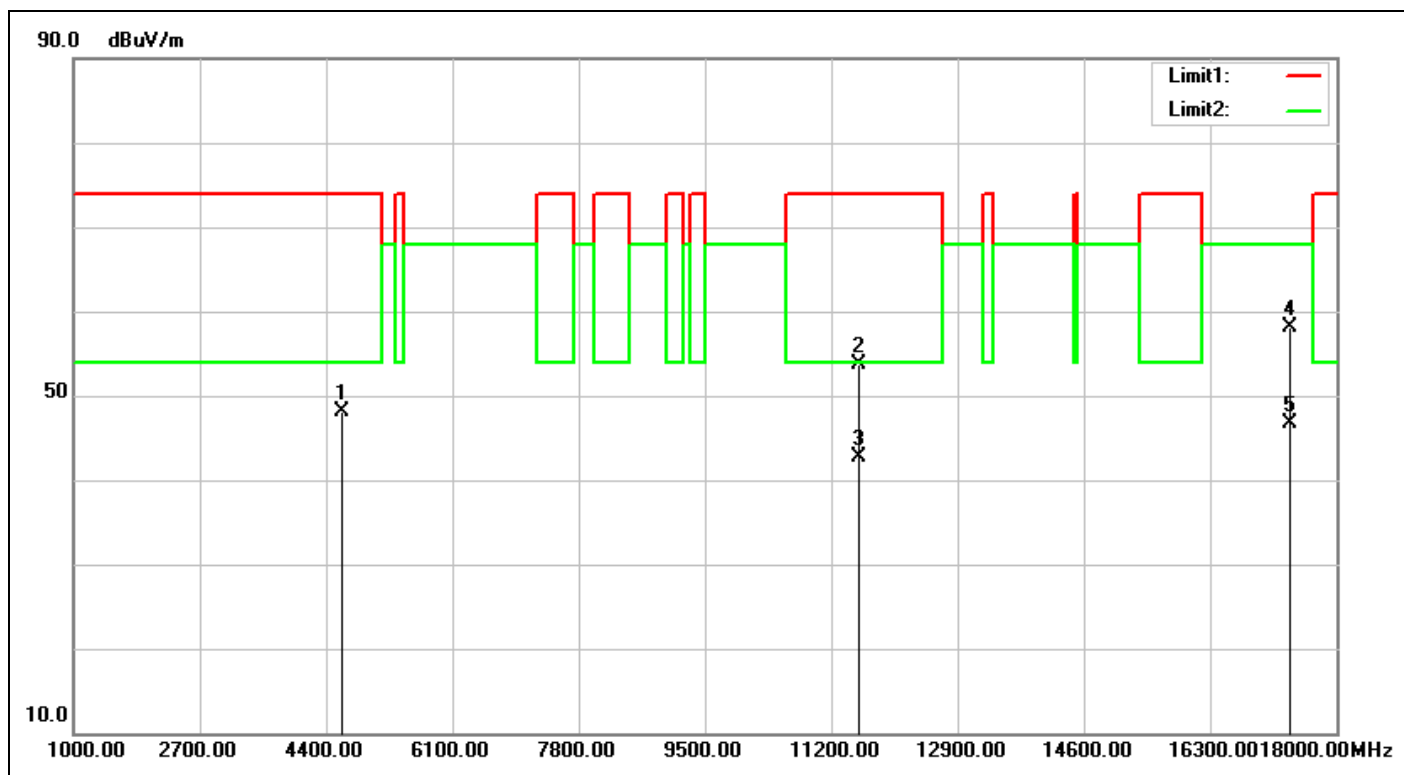
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 19:58:57
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5745-TX		
Remark:			

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	50.46	48.28	74.00	-25.72	peak	100	71	
2	11490.000	5.28	48.68	53.96	74.00	-20.04	peak		0	
3	11490.000	5.28	36.93	42.21	54.00	-11.79	AVG		0	
4	17235.000	15.11	44.89	60.00	68.00	-8.00	peak		0	
5	17235.000	15.11	33.44	48.55	68.00	-19.45	AVG		0	



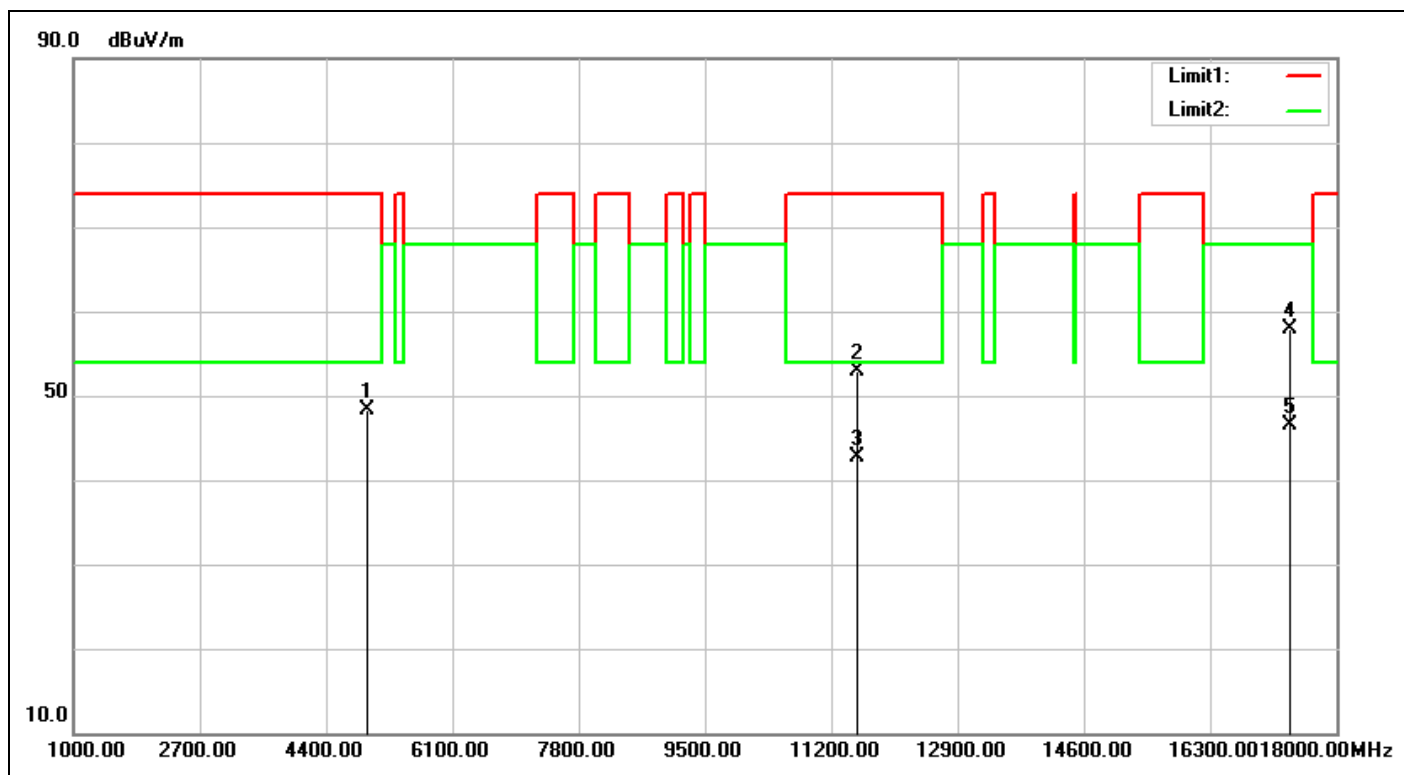
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 19:59:49
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5745-TX		
Remark:			

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	50.25	48.71	74.00	-25.29	peak	100	46	
2	11490.000	5.28	47.51	52.79	74.00	-21.21	peak			
3	11490.000	5.28	36.82	42.10	54.00	-11.90	AVG			
4	17235.000	15.11	44.30	59.41	68.00	-8.59	peak			
5	17235.000	15.11	33.32	48.43	68.00	-19.57	AVG			



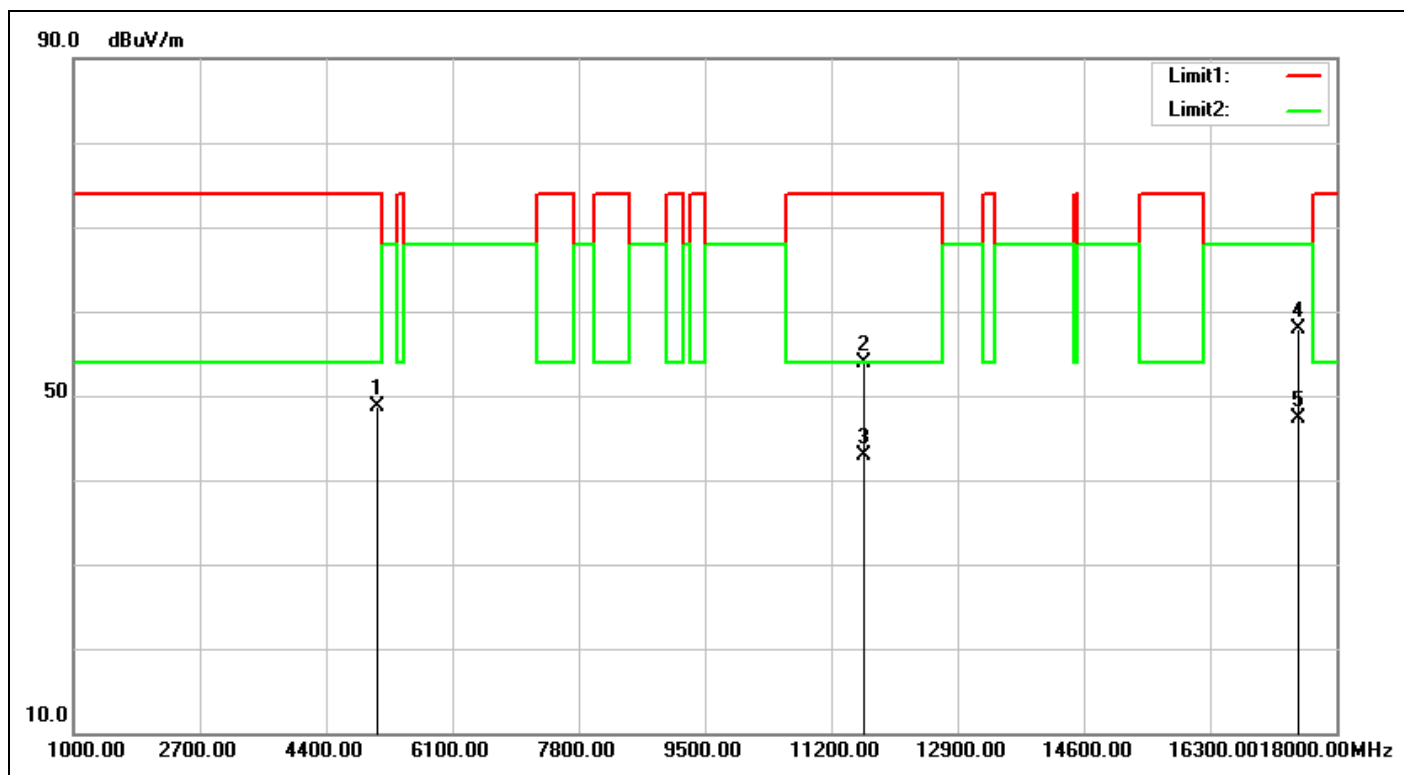
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 20:02:52
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5785-TX		
Remark:			

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	50.13	48.06	74.00	-25.94	peak	100	239	
2	11570.000	5.57	48.05	53.62	74.00	-20.38	peak			
3	11570.000	5.57	37.22	42.79	54.00	-11.21	AVG			
4	17355.000	14.89	43.23	58.12	68.00	-9.88	peak			
5	17355.000	14.89	31.74	46.63	68.00	-21.37	AVG			



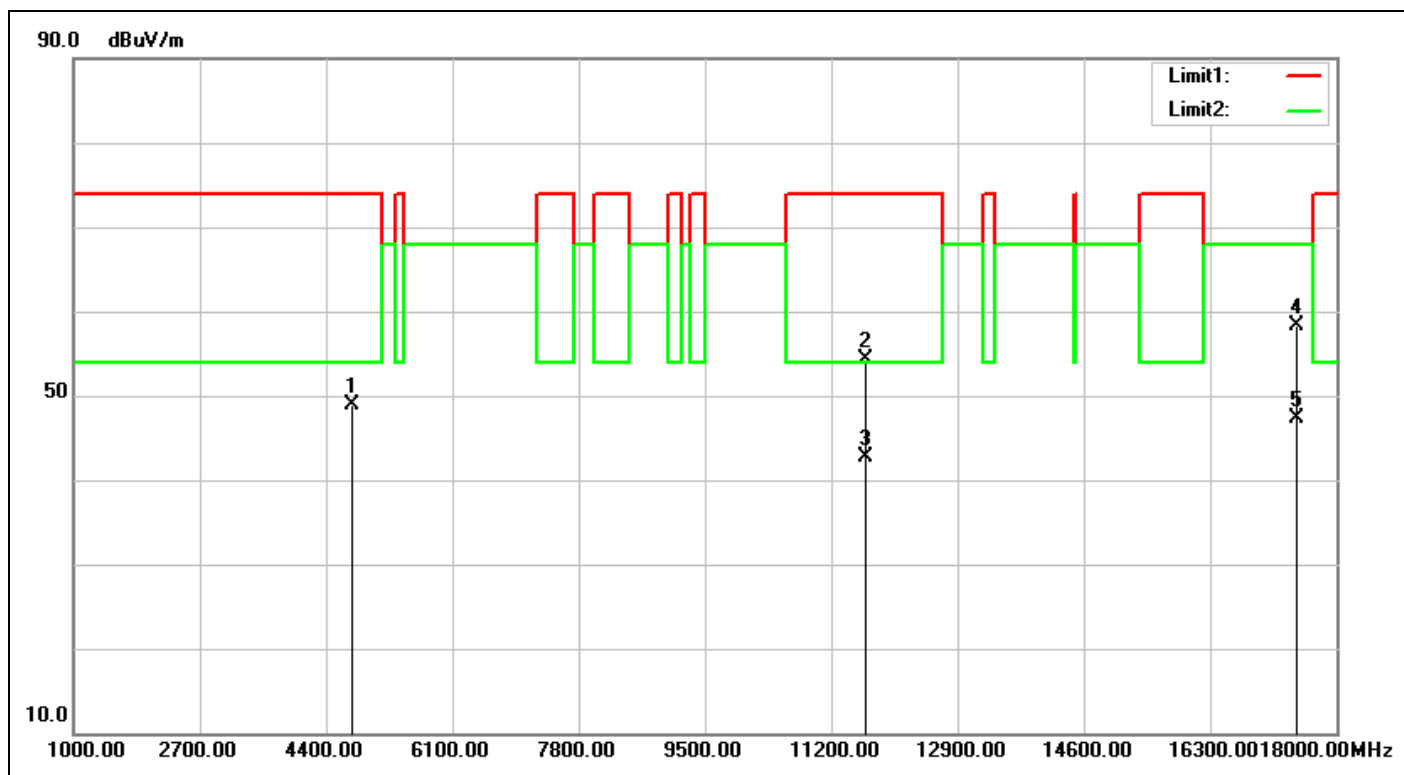
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 20:03:45
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5785-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4944.000	-1.49	49.76	48.27	74.00	-25.73	peak	100	114	
2	11570.000	5.57	47.37	52.94	74.00	-21.06	peak			
3	11570.000	5.57	37.09	42.66	54.00	-11.34	AVG			
4	17355.000	14.89	43.06	57.95	68.00	-10.05	peak			
5	17355.000	14.89	31.65	46.54	68.00	-21.46	AVG			



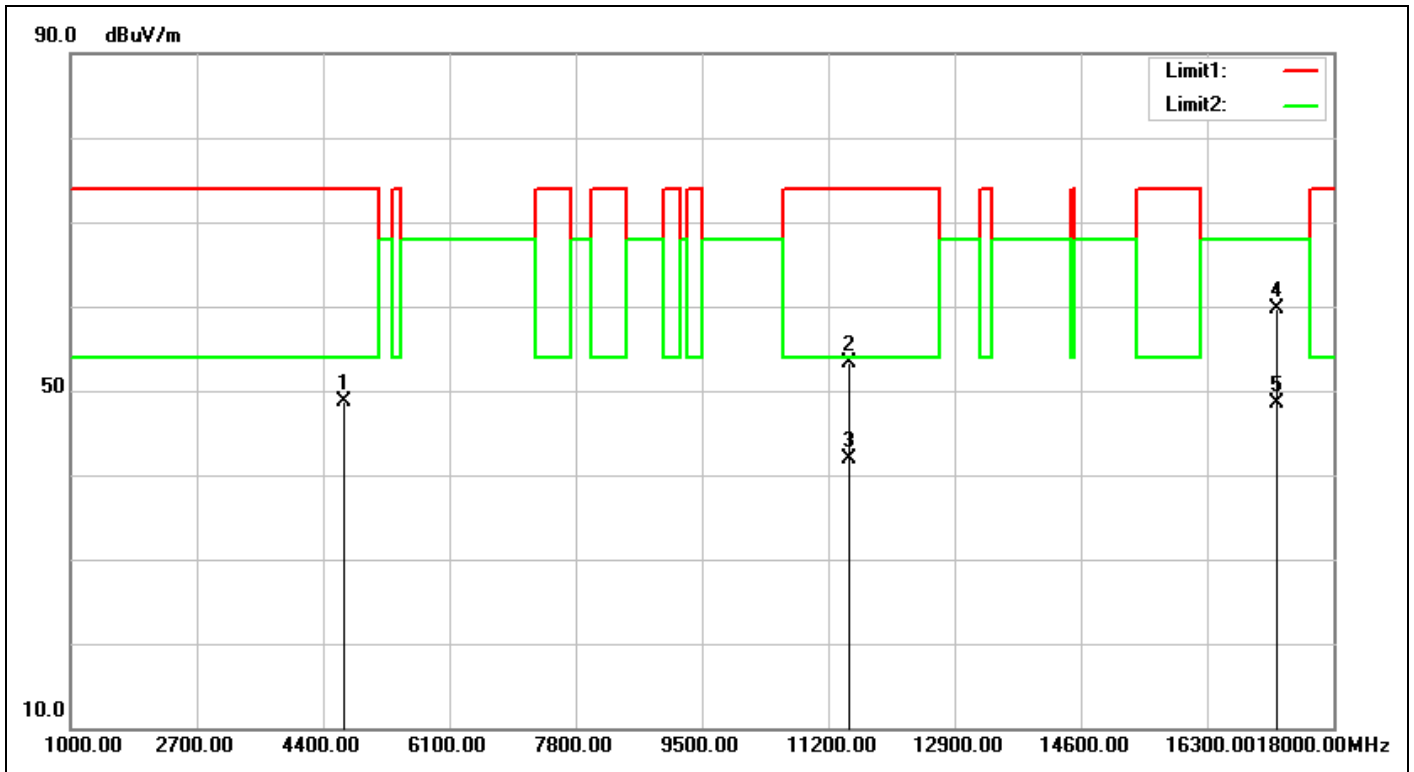
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 20:06:58
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5825-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5097.000	-0.94	49.57	48.63	74.00	-25.37	peak	100	358	
2	11650.000	5.87	48.06	53.93	74.00	-20.07	peak			
3	11650.000	5.87	36.94	42.81	54.00	-11.19	AVG			
4	17475.000	14.67	43.15	57.82	68.00	-10.18	peak			
5	17475.000	14.67	32.62	47.29	68.00	-20.71	AVG			



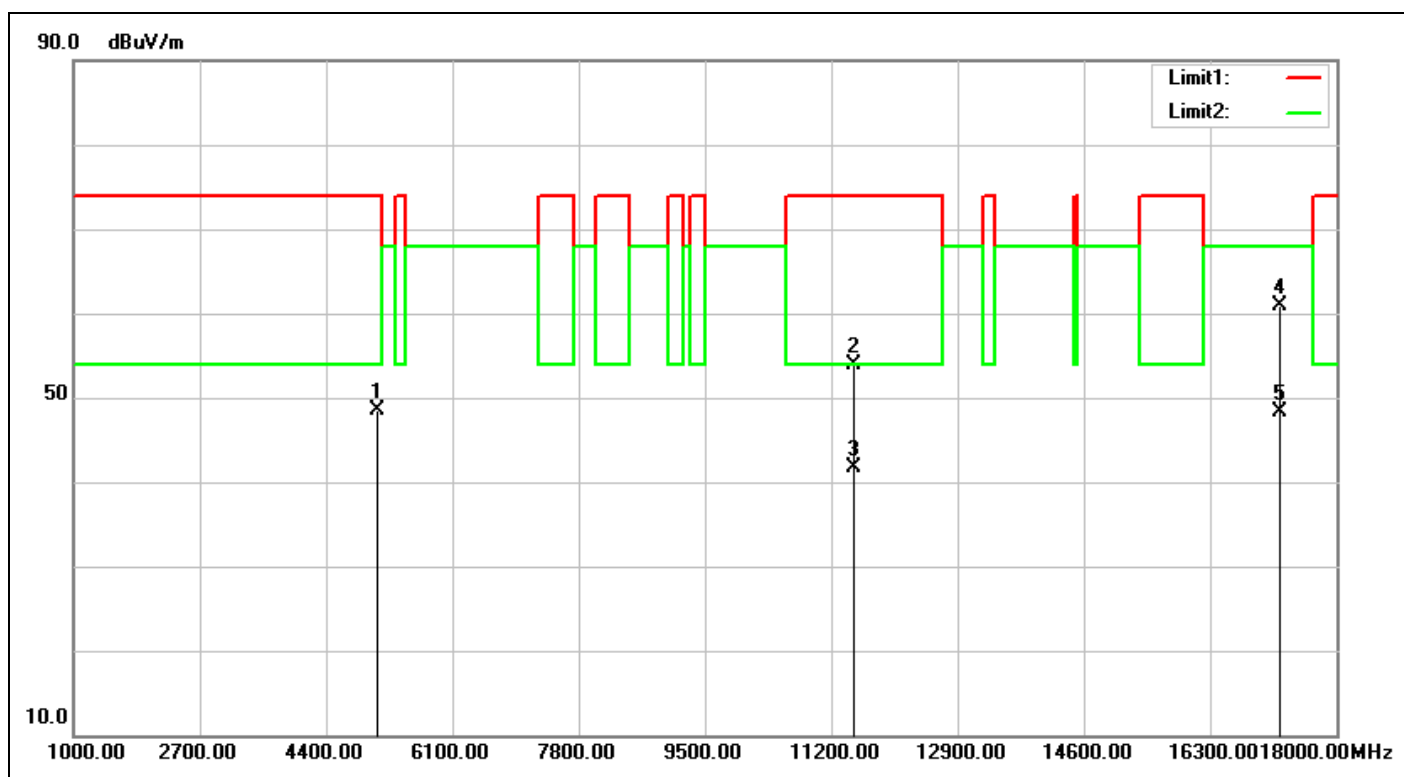
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 20:07:51
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5825-TX		
Remark:			

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	50.73	48.92	74.00	-25.08	peak	100	149	
2	11650.000	5.87	48.48	54.35	74.00	-19.65	peak			
3	11650.000	5.87	36.92	42.79	54.00	-11.21	AVG			
4	17475.000	14.67	43.70	58.37	68.00	-9.63	peak			
5	17475.000	14.67	32.59	47.26	68.00	-20.74	AVG			



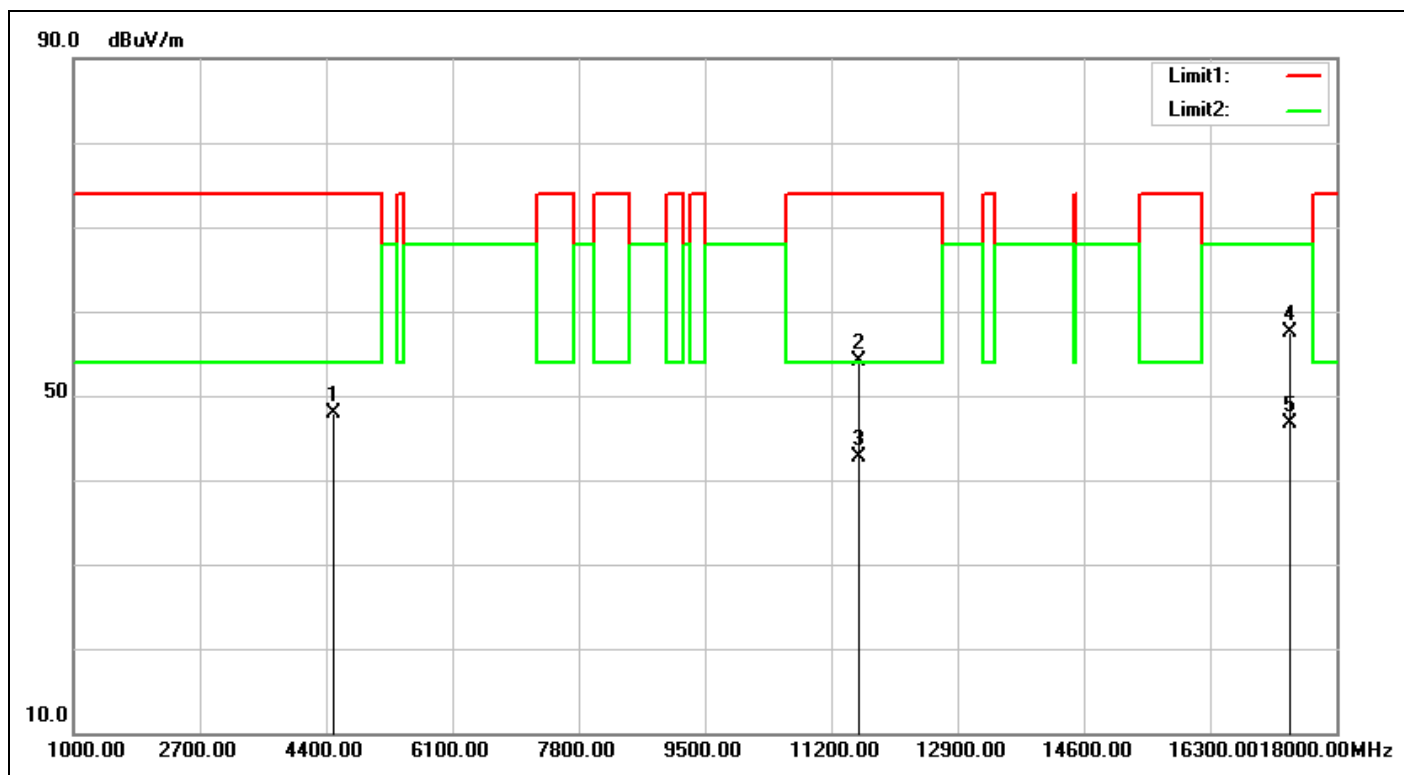
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 20:11:27
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5745-TX		
Remark:			

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	50.62	48.68	74.00	-25.32	peak	100	160	
2	11490.000	5.28	48.04	53.32	74.00	-20.68	peak			
3	11490.000	5.28	36.58	41.86	54.00	-12.14	AVG			
4	17235.000	15.11	44.67	59.78	68.00	-8.22	peak			
5	17235.000	15.11	33.32	48.43	68.00	-19.57	AVG			



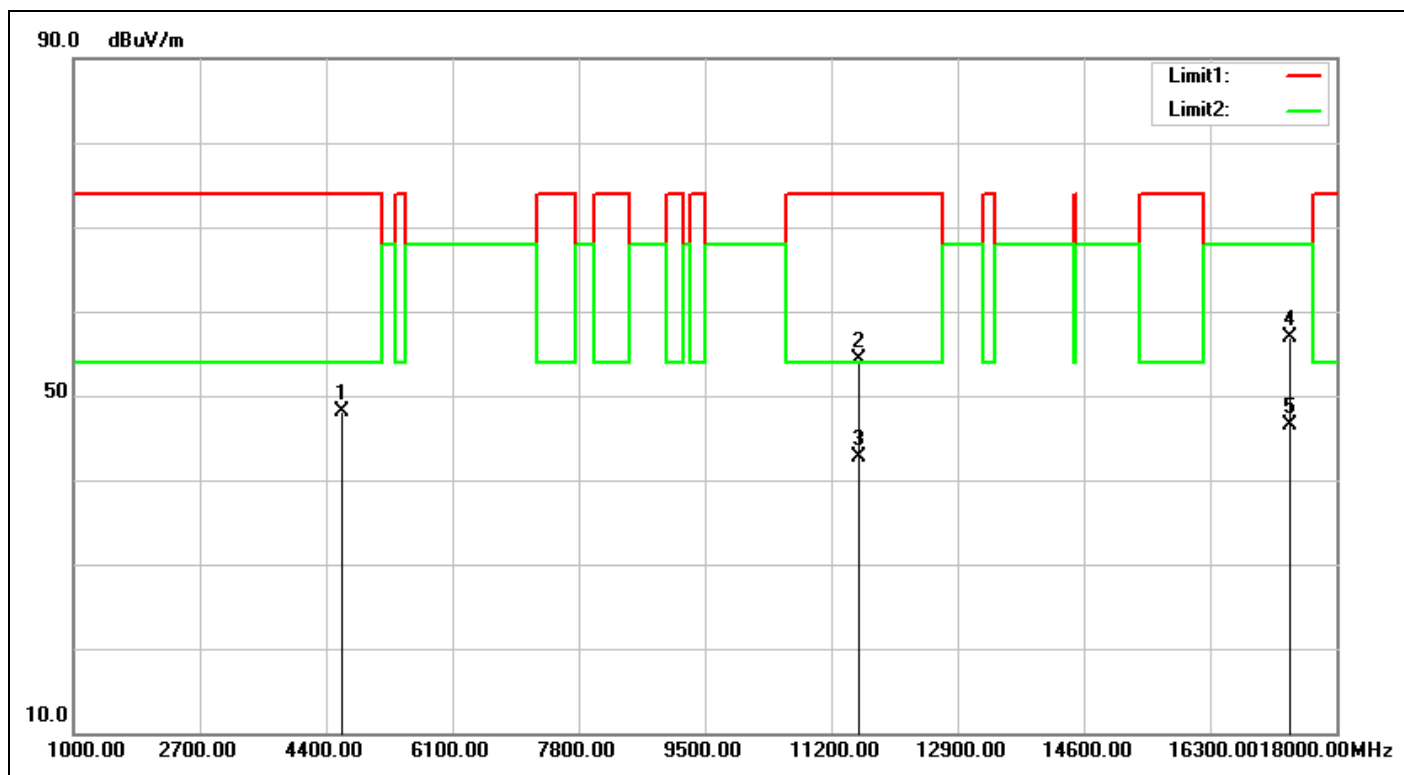
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 20:12:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5745-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5097.000	-0.94	49.40	48.46	74.00	-25.54	peak	100	247	
2	11490.000	5.28	48.61	53.89	74.00	-20.11	peak			
3	11490.000	5.28	36.52	41.80	54.00	-12.20	AVG			
4	17235.000	15.11	45.86	60.97	68.00	-7.03	peak			
5	17235.000	15.11	33.26	48.37	68.00	-19.63	AVG			



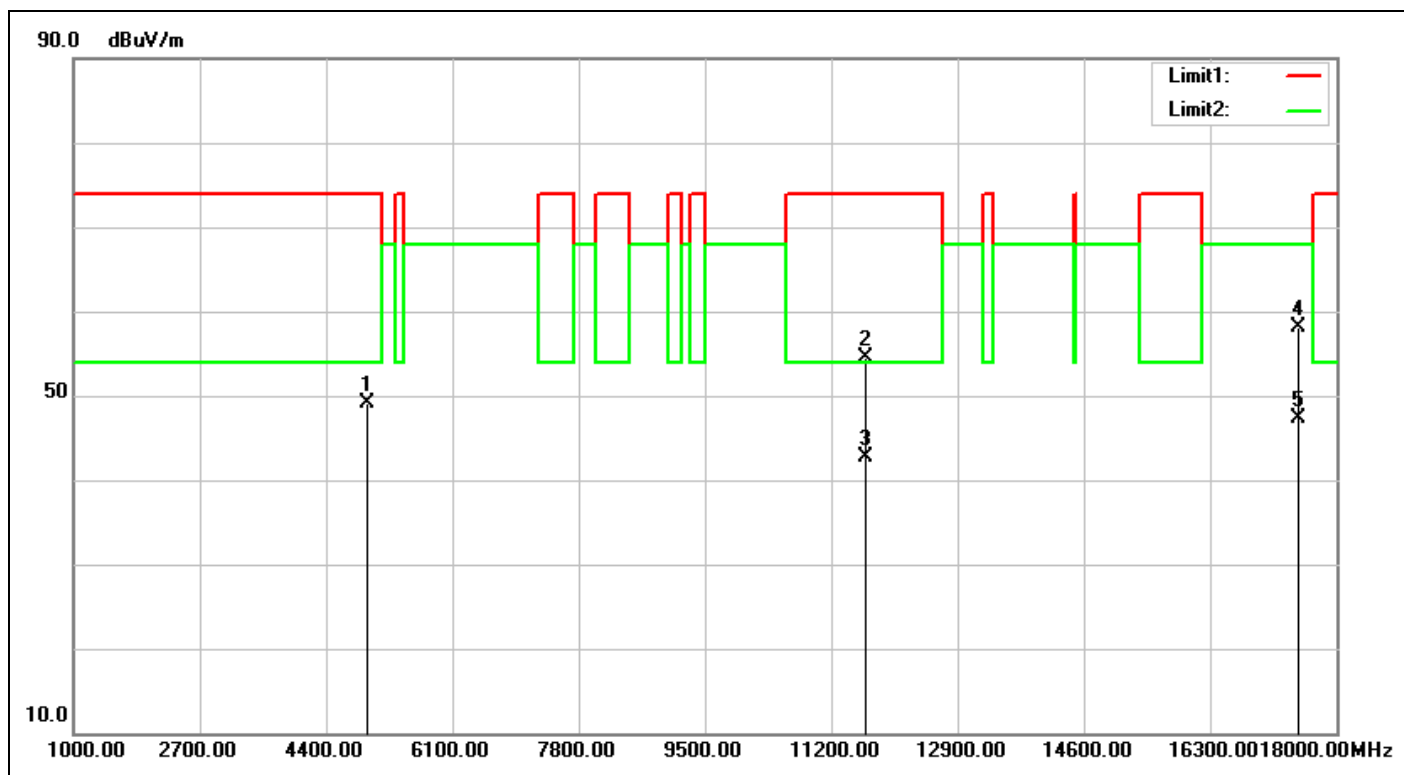
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 20:15:37
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5785-TX		
Remark:			

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	50.19	47.96	74.00	-26.04	peak	100	109	
2	11570.000	5.57	48.47	54.04	74.00	-19.96	peak			
3	11570.000	5.57	37.09	42.66	54.00	-11.34	AVG			
4	17355.000	14.89	42.59	57.48	68.00	-10.52	peak			
5	17355.000	14.89	31.72	46.61	68.00	-21.39	AVG			



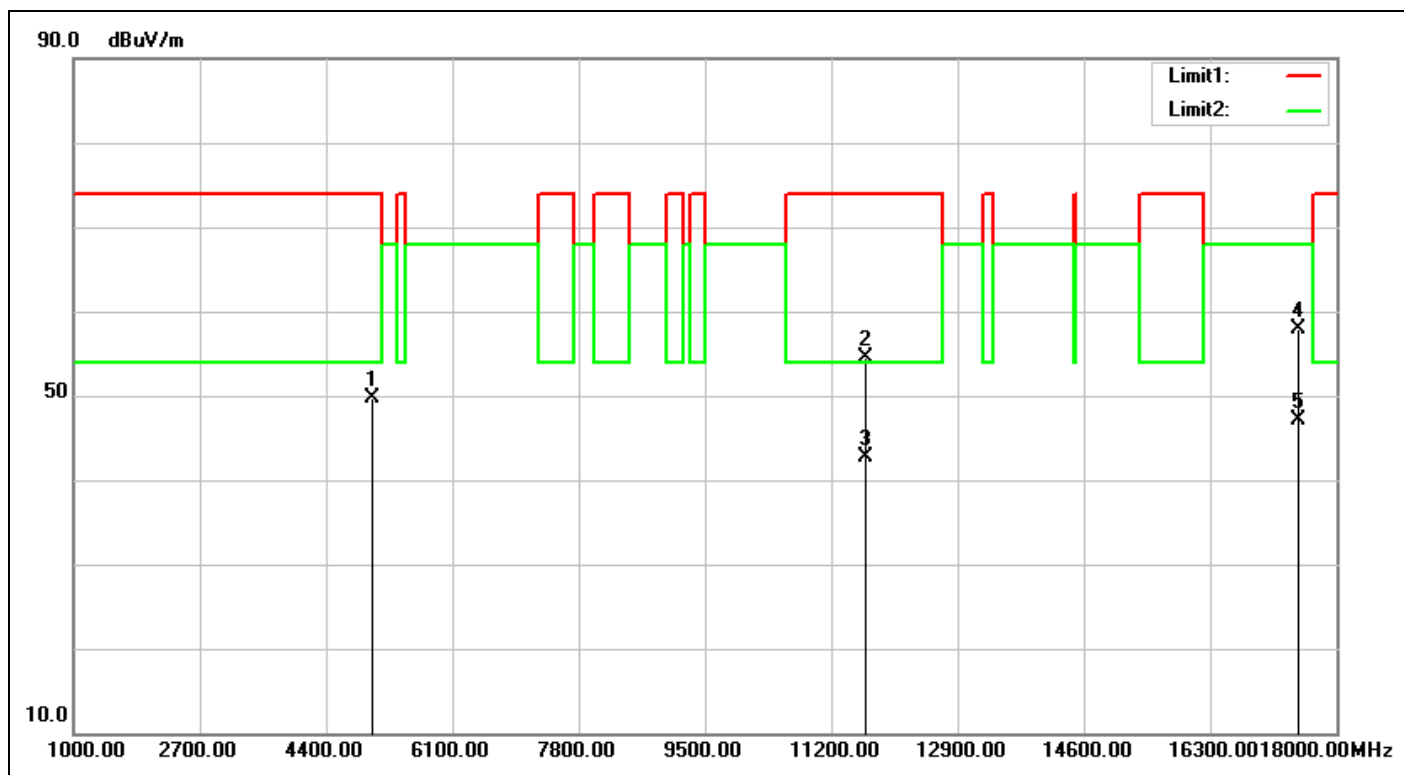
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 20:16:29
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5785-TX		
Remark:			

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	50.22	48.15	74.00	-25.85	peak	100	131	
2	11570.000	5.57	48.74	54.31	74.00	-19.69	peak			
3	11570.000	5.57	37.06	42.63	54.00	-11.37	AVG			
4	17355.000	14.89	41.93	56.82	68.00	-11.18	peak			
5	17355.000	14.89	31.61	46.50	68.00	-21.50	AVG			



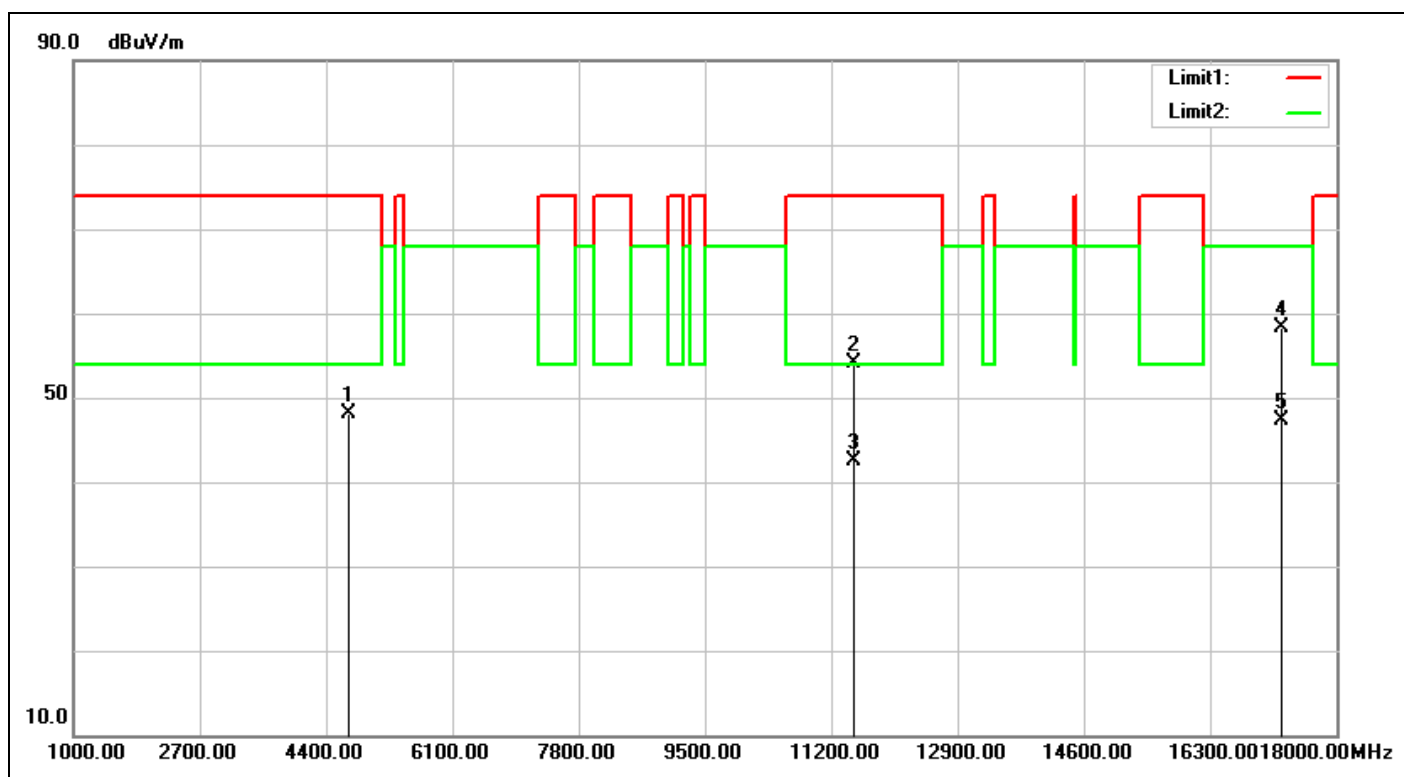
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 20:19:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5825-TX		
Remark:			

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	50.51	49.04	74.00	-24.96	peak	100	229	
2	11650.000	5.87	48.54	54.41	74.00	-19.59	peak			
3	11650.000	5.87	36.85	42.72	54.00	-11.28	AVG			
4	17475.000	14.67	43.49	58.16	68.00	-9.84	peak			
5	17475.000	14.67	32.59	47.26	68.00	-20.74	AVG			



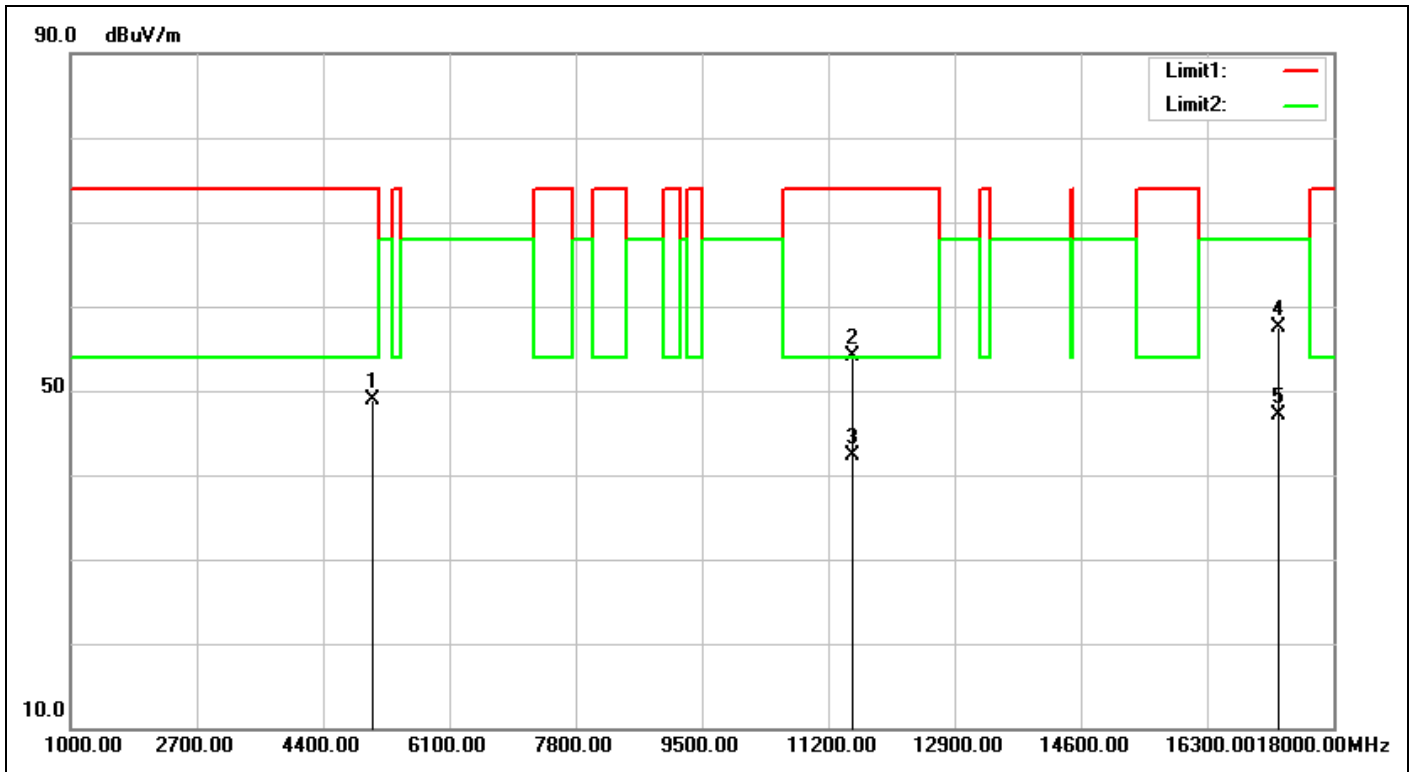
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 20:20:12
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5825-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5012.000	-1.35	50.97	49.62	74.00	-24.38	peak	100	292	
2	11650.000	5.87	48.59	54.46	74.00	-19.54	peak			
3	11650.000	5.87	36.78	42.65	54.00	-11.35	AVG			
4	17475.000	14.67	43.16	57.83	68.00	-10.17	peak			
5	17475.000	14.67	32.51	47.18	68.00	-20.82	AVG			



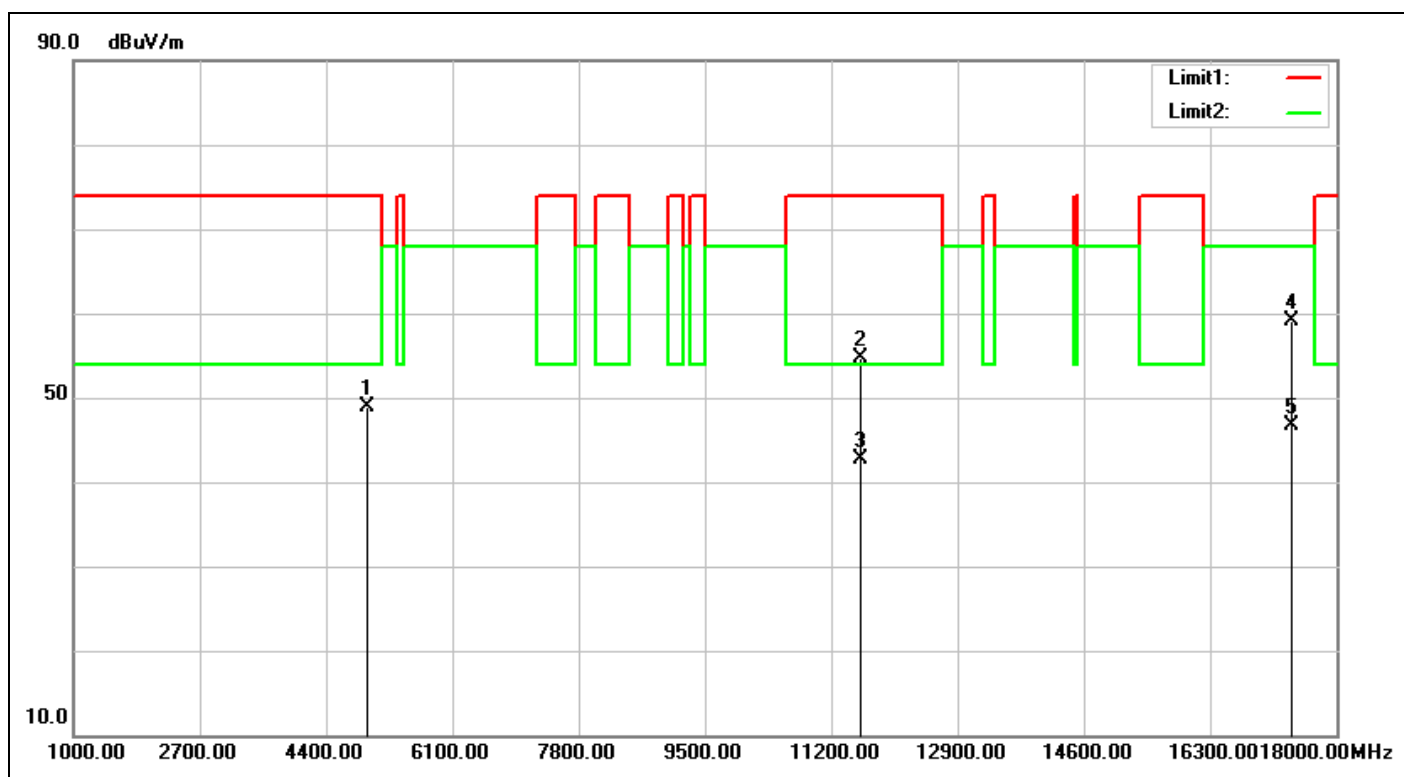
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 20:23:23
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5755-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4706.000	-1.89	49.93	48.04	74.00	-25.96	peak	100	40	
2	11510.000	5.33	48.74	54.07	74.00	-19.93	peak			
3	11510.000	5.33	37.16	42.49	54.00	-11.51	AVG			
4	17265.000	15.06	43.17	58.23	68.00	-9.77	peak			
5	17265.000	15.06	32.16	47.22	68.00	-20.78	AVG			



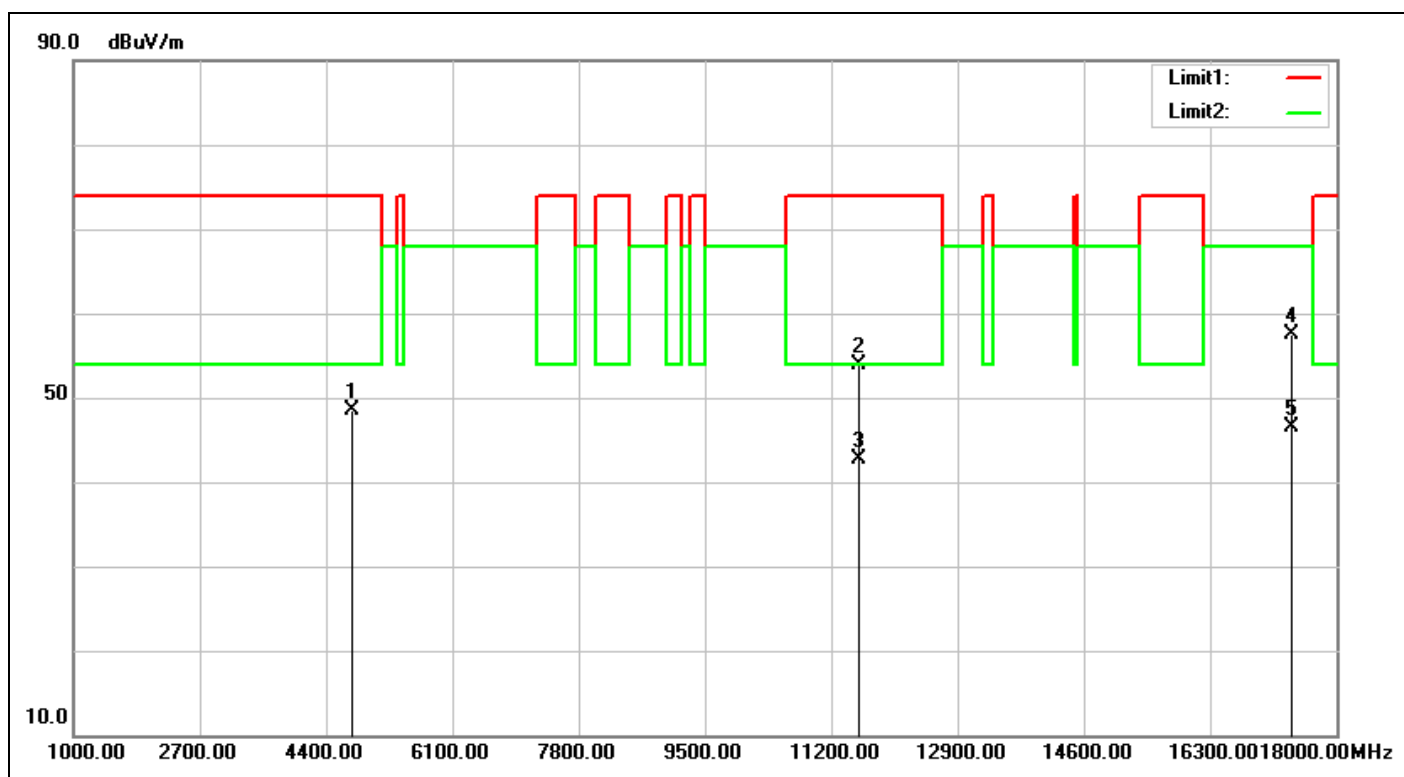
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 20:24:16
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5755-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5063.000	-1.10	50.03	48.93	74.00	-25.07	peak	100	186	
2	11510.000	5.33	48.85	54.18	74.00	-19.82	peak			
3	11510.000	5.33	37.07	42.40	54.00	-11.60	AVG			
4	17265.000	15.06	42.44	57.50	68.00	-10.50	peak			
5	17265.000	15.06	32.09	47.15	68.00	-20.85	AVG			



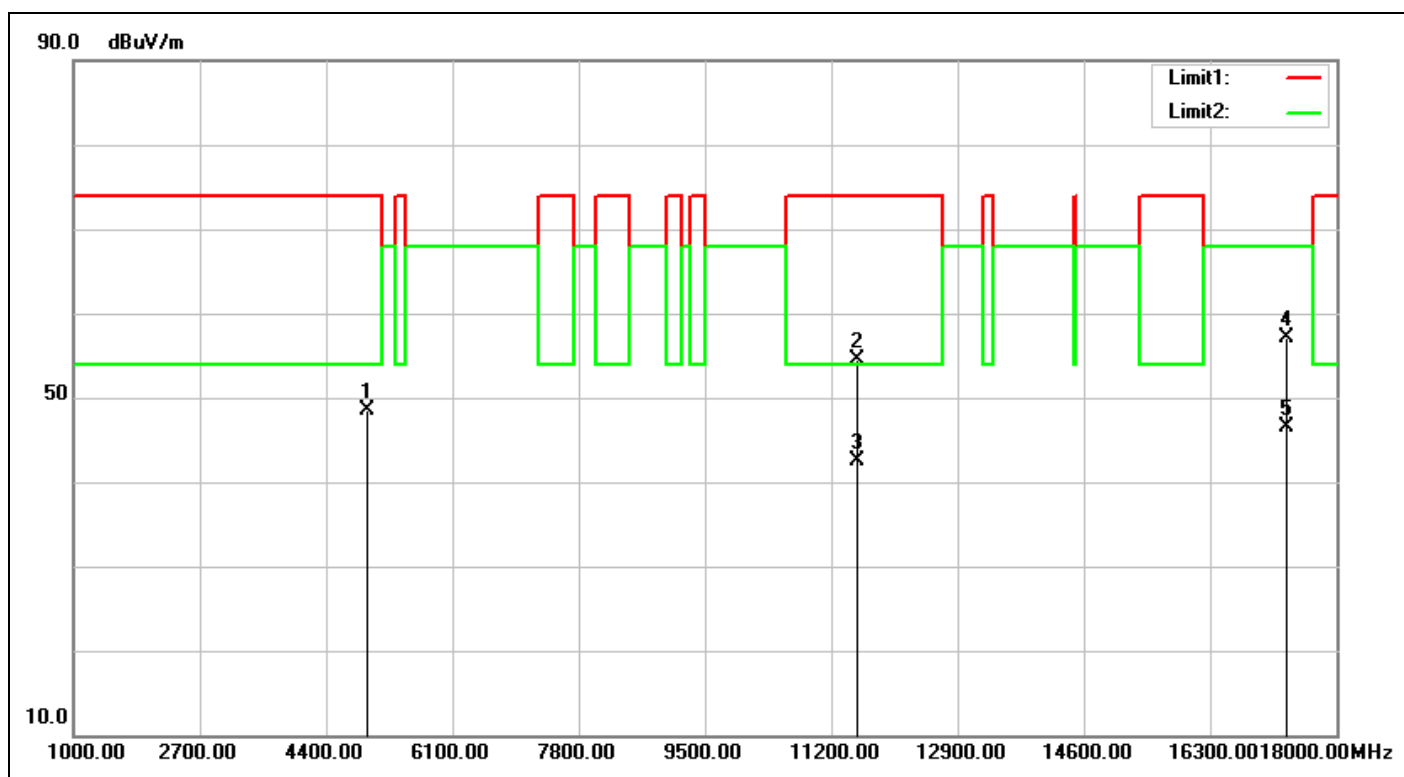
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 20:27:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5795-TX		
Remark:			

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	50.46	48.99	74.00	-25.01	peak	100	109	
2	11590.000	5.64	48.98	54.62	74.00	-19.38	peak			
3	11590.000	5.64	37.15	42.79	54.00	-11.21	AVG			
4	17385.000	14.84	44.29	59.13	68.00	-8.87	peak			
5	17385.000	14.84	31.82	46.66	68.00	-21.34	AVG			



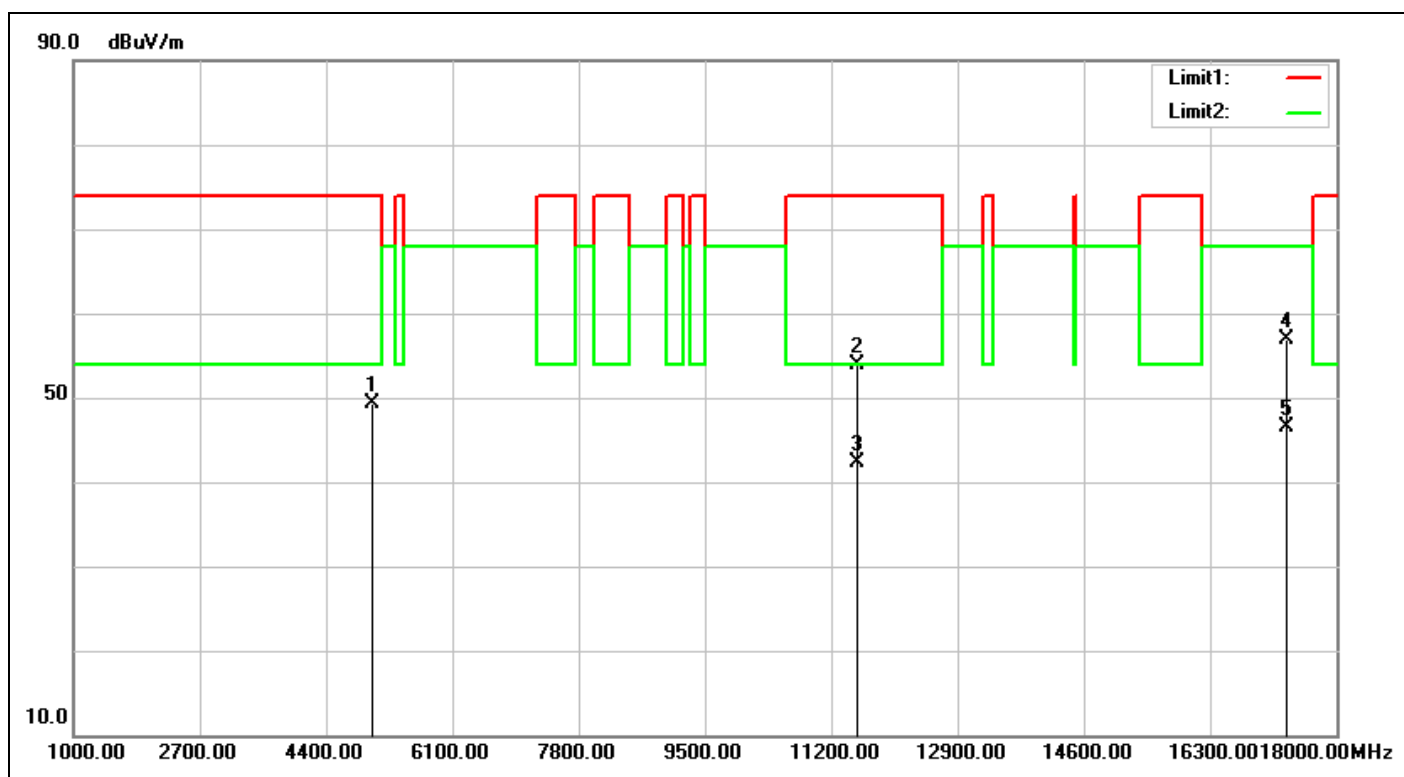
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 20:28:12
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5795-TX		
Remark:			

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	50.34	48.53	74.00	-25.47	peak	100	166	
2	11590.000	5.64	48.33	53.97	74.00	-20.03	peak			
3	11590.000	5.64	37.06	42.70	54.00	-11.30	AVG			
4	17385.000	14.84	42.76	57.60	68.00	-10.40	peak			
5	17385.000	14.84	31.72	46.56	68.00	-21.44	AVG			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 20:31:15
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5775-TX		
Remark:			

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	50.03	48.56	74.00	-25.44	peak	100	188	
2	11550.000	5.49	48.96	54.45	74.00	-19.55	peak			
3	11550.000	5.49	36.96	42.45	54.00	-11.55	AVG			
4	17325.000	14.95	42.12	57.07	68.00	-10.93	peak			
5	17325.000	14.95	31.64	46.59	68.00	-21.41	AVG			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 20:32:08
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5775-TX		
Remark:			

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	50.57	49.30	74.00	-24.70	peak	100	261	
2	11550.000	5.49	48.42	53.91	74.00	-20.09	peak			
3	11550.000	5.49	36.87	42.36	54.00	-11.64	AVG			
4	17325.000	14.95	41.98	56.93	68.00	-11.07	peak			
5	17325.000	14.95	31.59	46.54	68.00	-21.46	AVG			

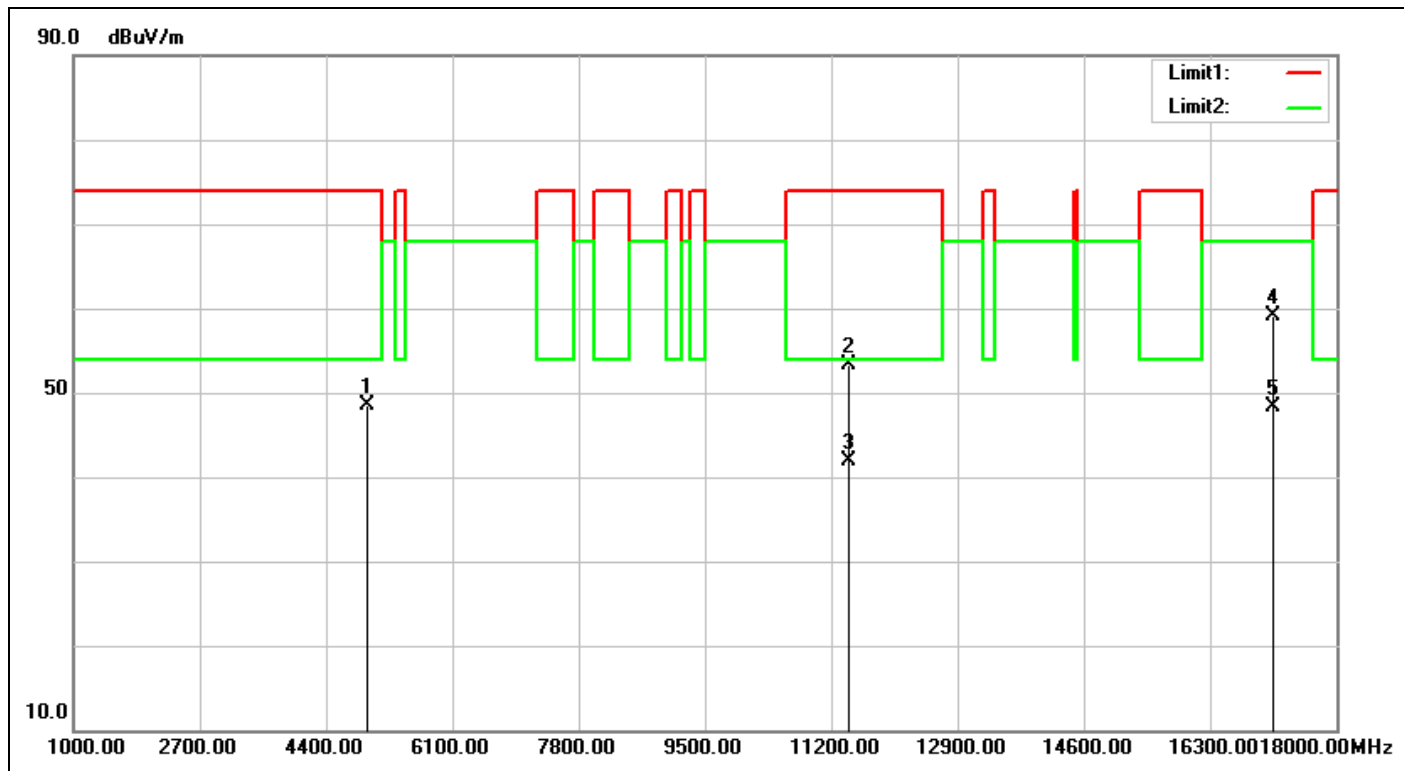
Spurious Emissions, TX Mode, 1-18G, Straddle Channel



TUV Rheinland Taiwan Ltd.

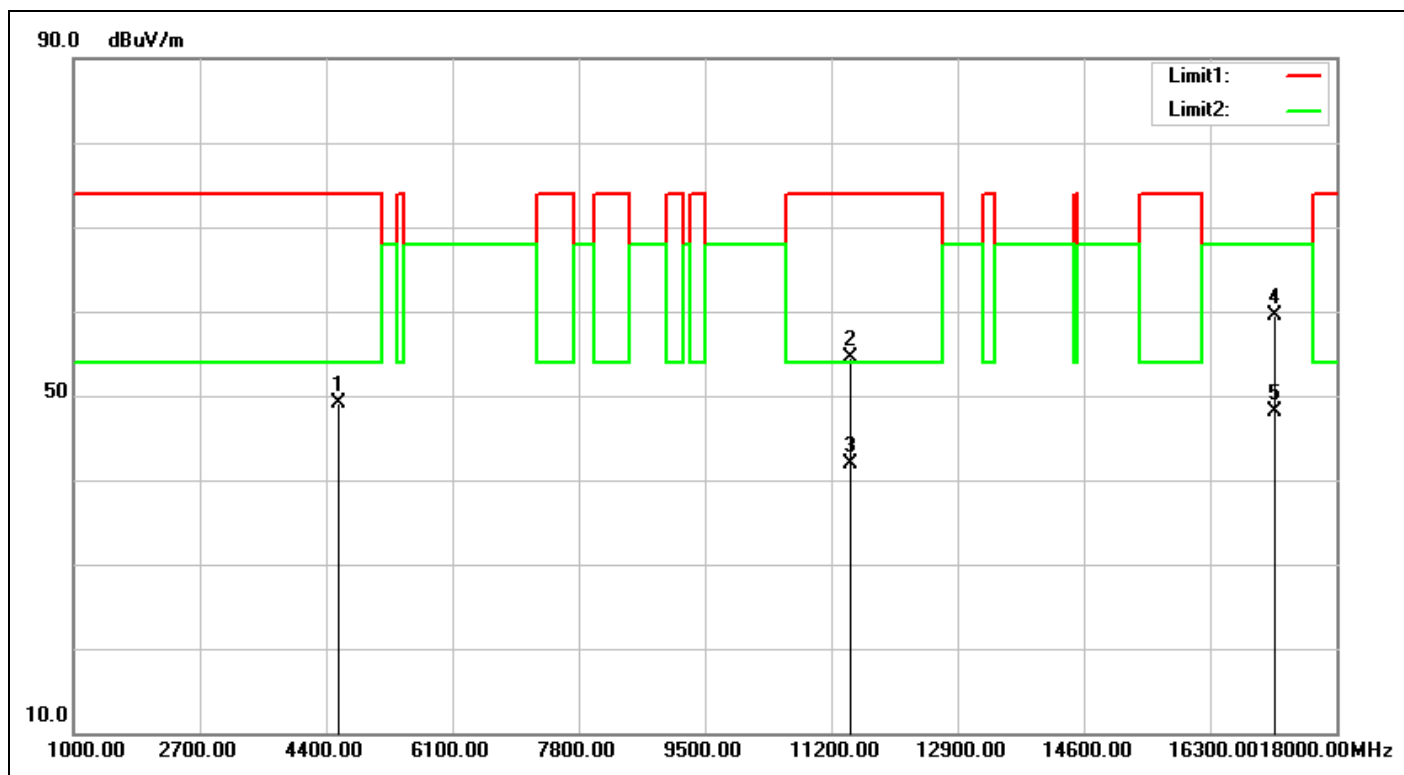
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



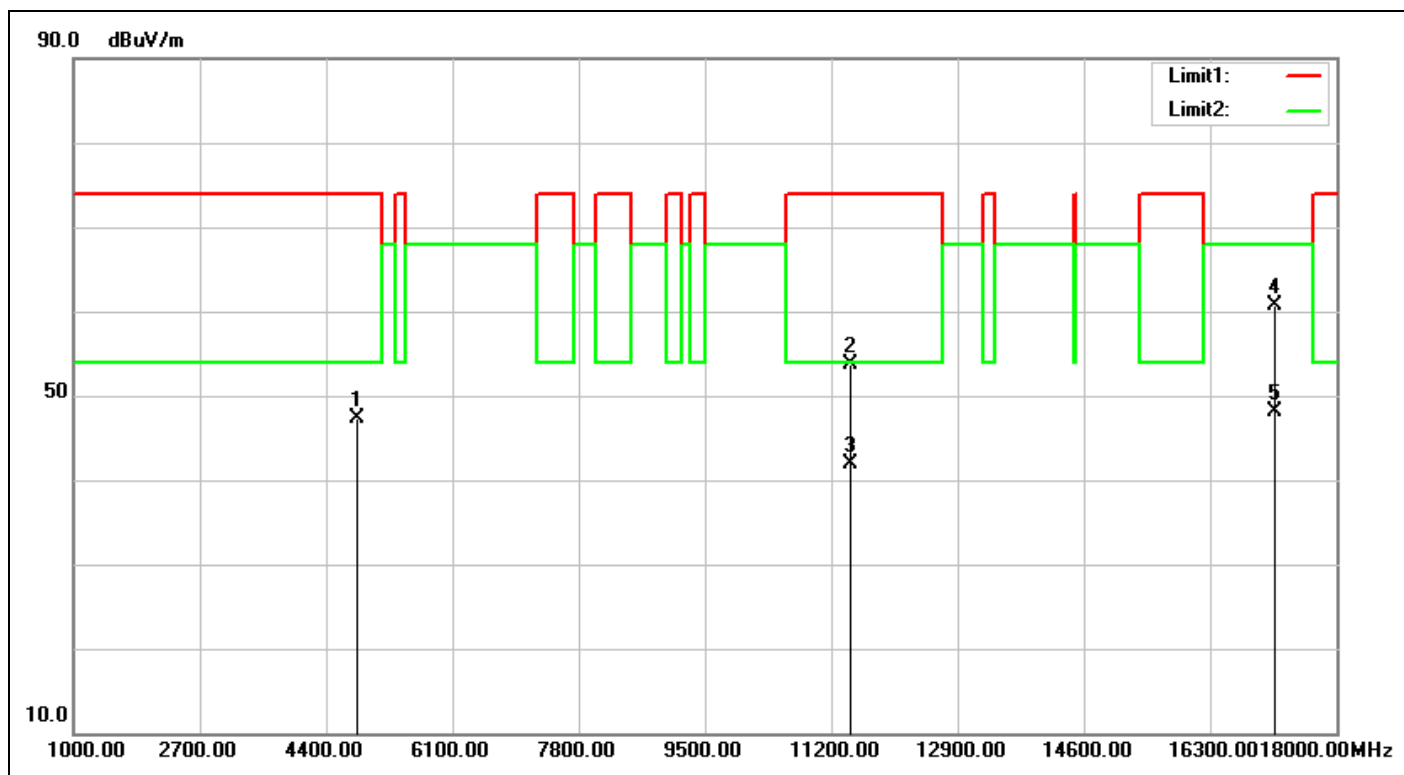
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 20:51:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5720-TX		
Remark:			

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	50.04	48.57	74.00	-25.43	peak	100	109	
2	11440.000	5.24	48.00	53.24	74.00	-20.76	peak		0	
3	11440.000	5.24	36.75	41.99	54.00	-12.01	AVG		0	
4	17160.000	15.25	43.81	59.06	68.00	-8.94	peak		0	
5	17160.000	15.25	33.01	48.26	68.00	-19.74	AVG		0	



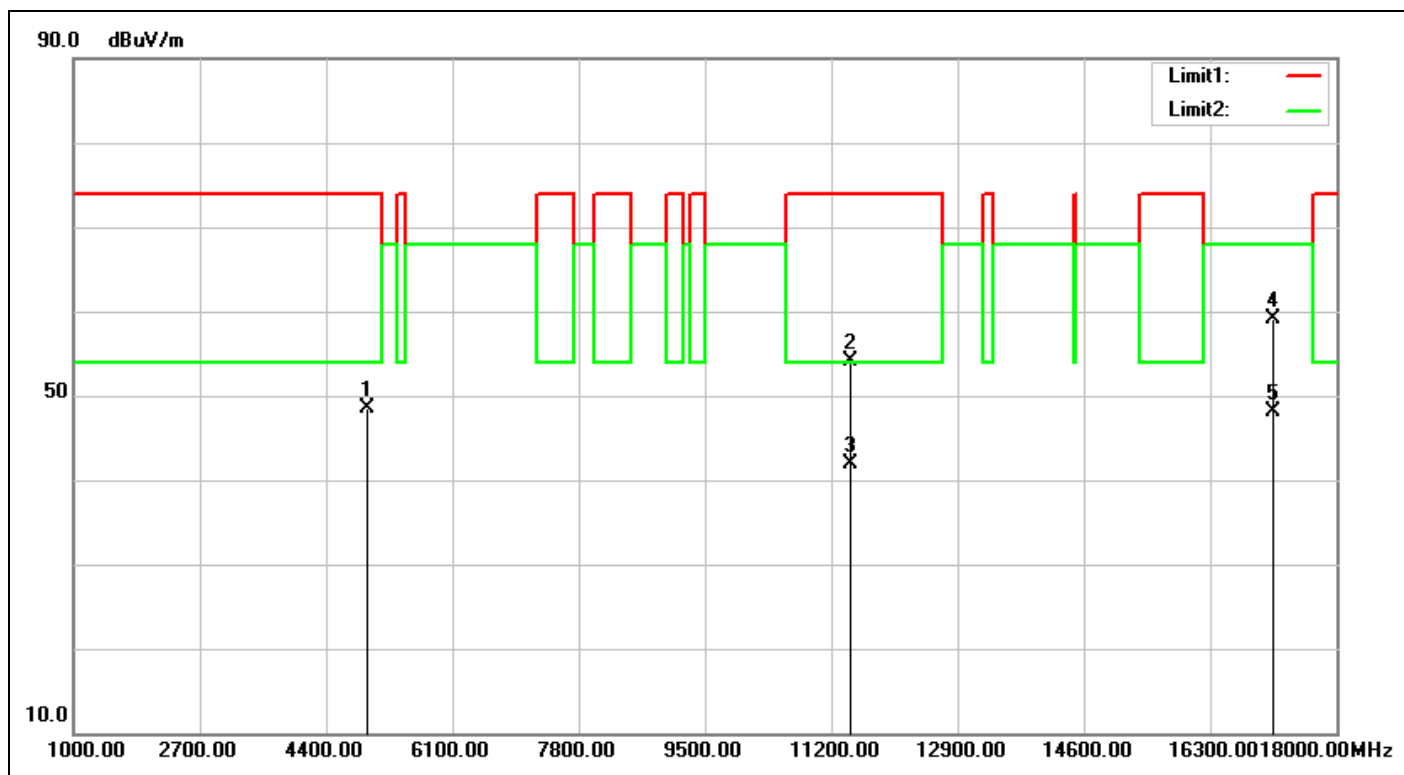
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 20:52:52
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5720-TX		
Remark:			

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	51.17	49.05	74.00	-24.95	peak	100	285	
2	11440.000	5.24	49.33	54.57	74.00	-19.43	peak			
3	11440.000	5.24	36.66	41.90	54.00	-12.10	AVG			
4	17160.000	15.25	44.35	59.60	68.00	-8.40	peak			
5	17160.000	15.25	32.89	48.14	68.00	-19.86	AVG			



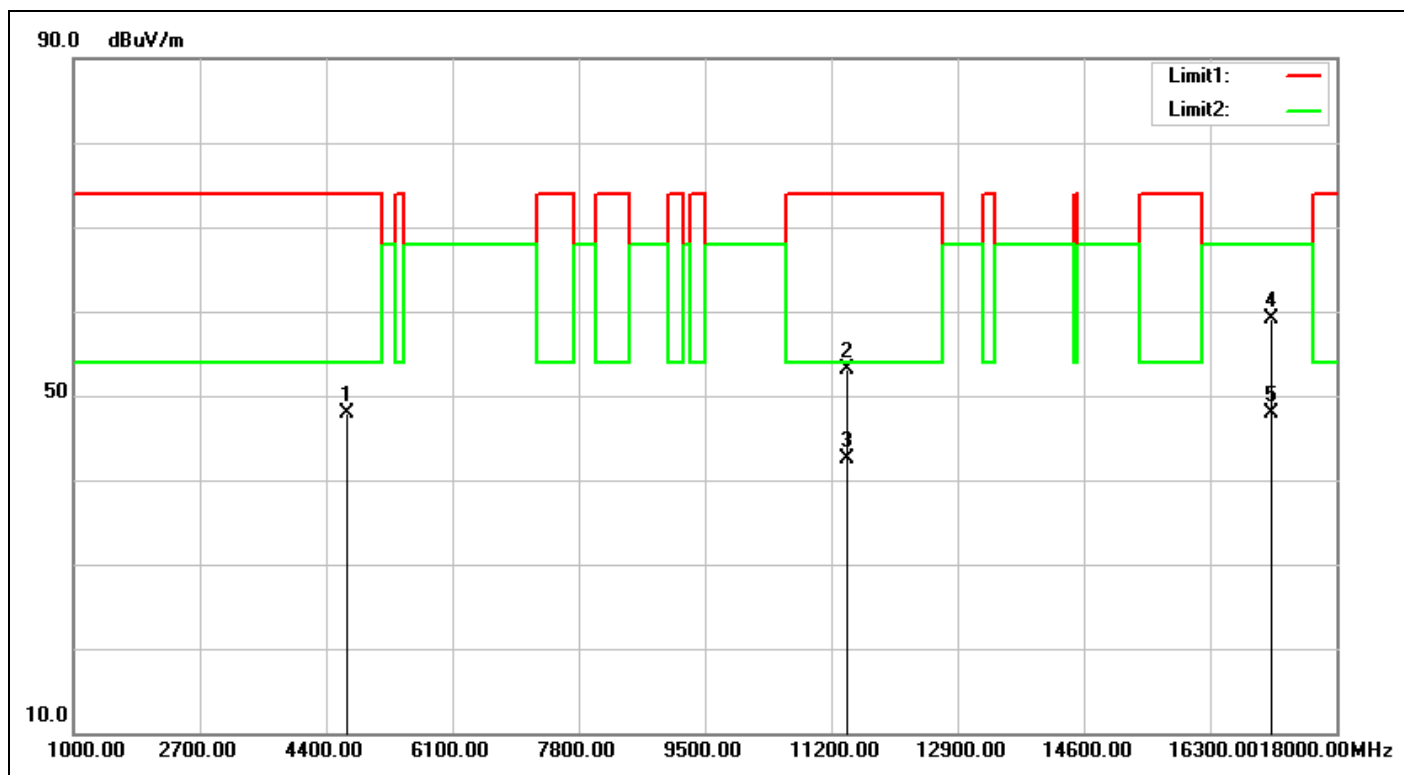
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 20:56:28
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5720-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4808.000	-1.73	49.06	47.33	74.00	-26.67	peak	100	253	
2	11440.000	5.24	48.45	53.69	74.00	-20.31	peak			
3	11440.000	5.24	36.71	41.95	54.00	-12.05	AVG			
4	17160.000	15.25	45.51	60.76	68.00	-7.24	peak			
5	17160.000	15.25	32.94	48.19	68.00	-19.81	AVG			



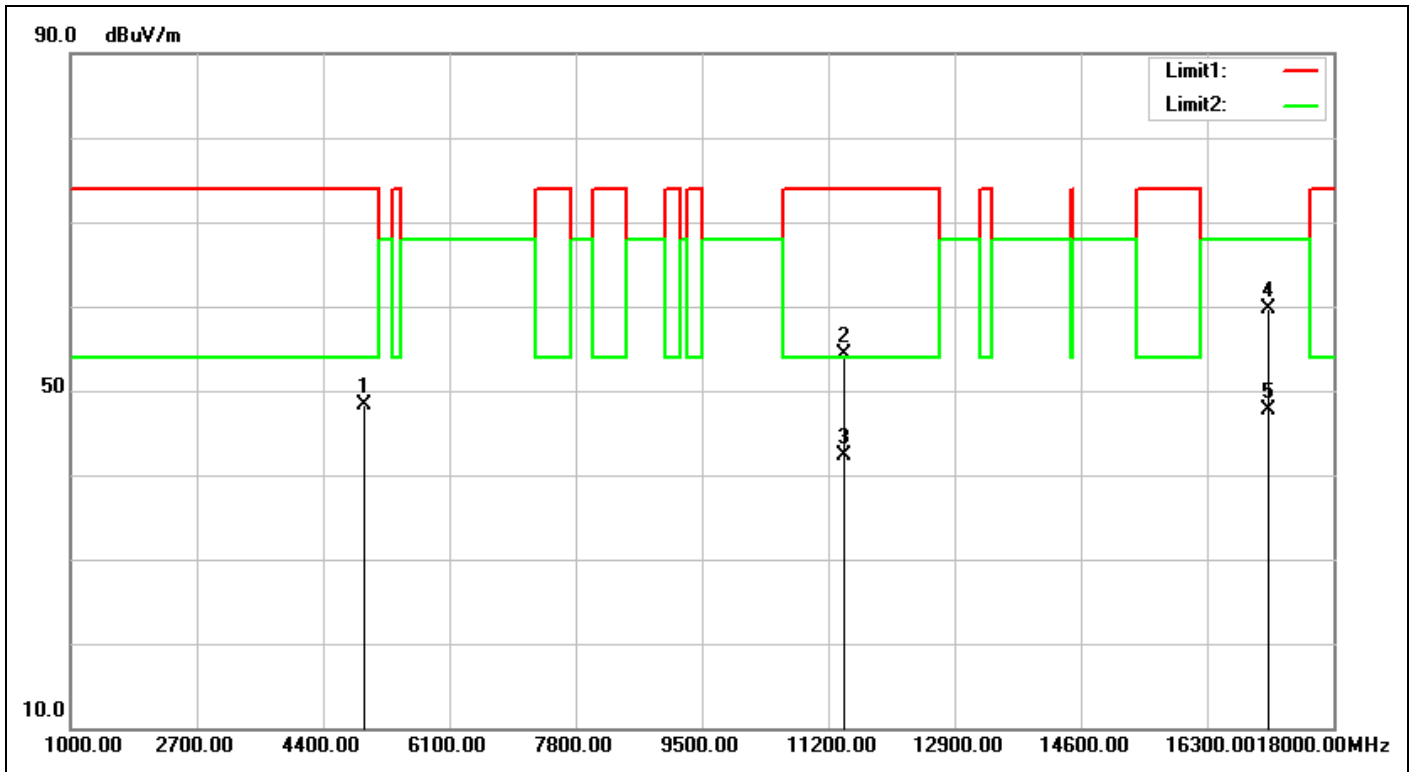
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 20:57:21
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5720-TX		
Remark:			

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	49.98	48.51	74.00	-25.49	peak	100	360	
2	11440.000	5.24	48.89	54.13	74.00	-19.87	peak			
3	11440.000	5.24	36.67	41.91	54.00	-12.09	AVG			
4	17160.000	15.25	43.92	59.17	68.00	-8.83	peak			
5	17160.000	15.25	32.90	48.15	68.00	-19.85	AVG			



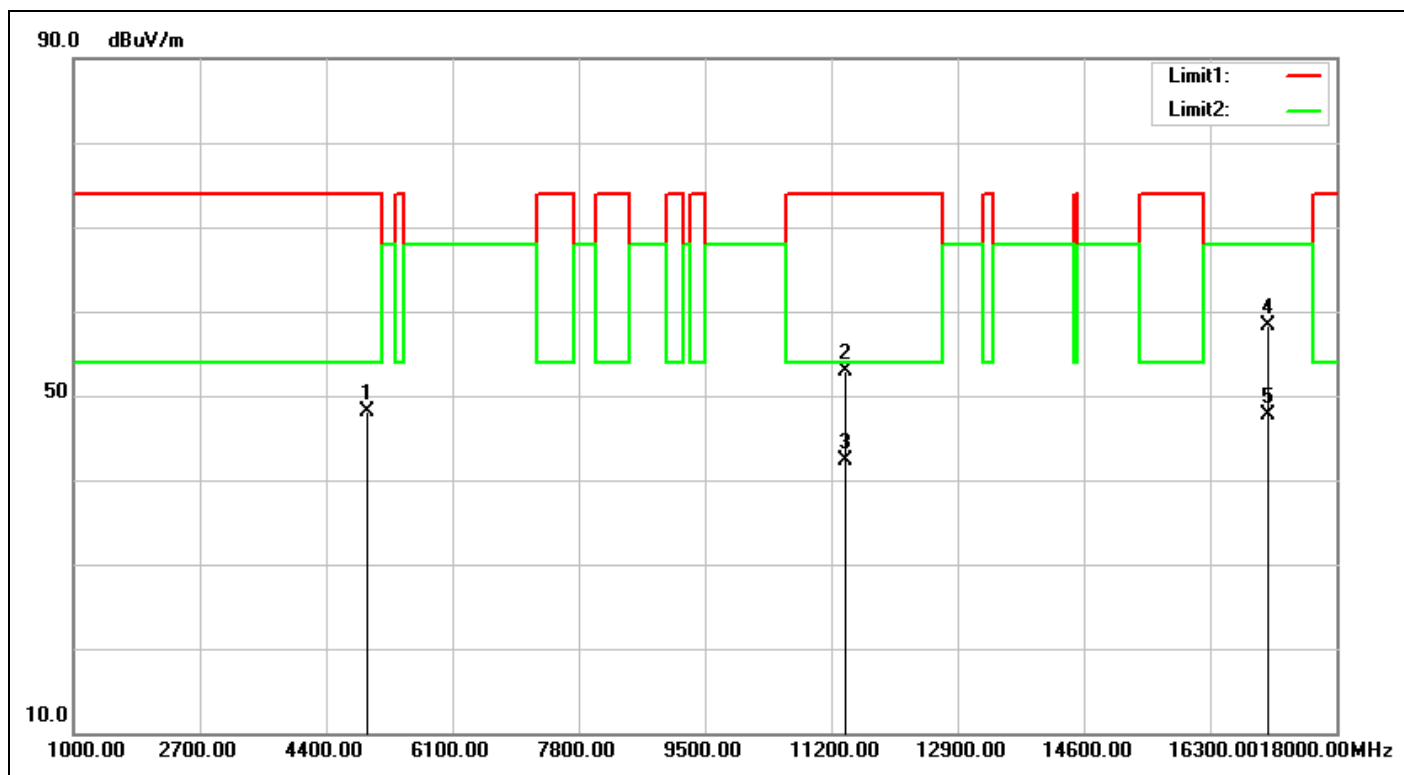
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:00:26
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5710-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4689.000	-1.91	49.76	47.85	74.00	-26.15	peak	100	38	
2	11420.000	5.23	47.92	53.15	74.00	-20.85	peak			
3	11420.000	5.23	37.28	42.51	54.00	-11.49	AVG			
4	17130.000	15.32	43.88	59.20	68.00	-8.80	peak			
5	17130.000	15.32	32.56	47.88	68.00	-20.12	AVG			



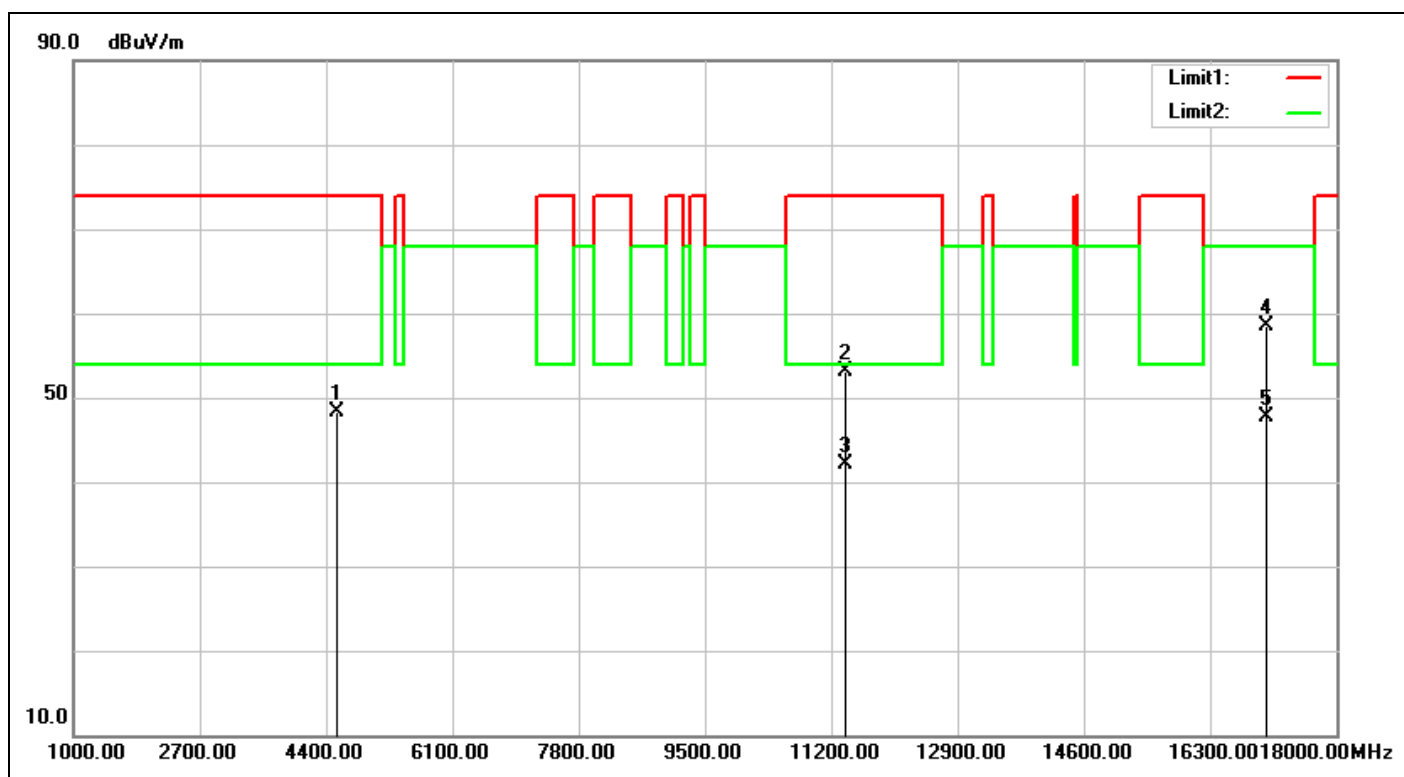
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:01:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5710-TX		
Remark:			

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	49.75	48.28	74.00	-25.72	peak	100	179	
2	11420.000	5.23	49.05	54.28	74.00	-19.72	peak			
3	11420.000	5.23	37.17	42.40	54.00	-11.60	AVG			
4	17130.000	15.32	44.47	59.79	68.00	-8.21	peak			
5	17130.000	15.32	32.47	47.79	68.00	-20.21	AVG			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:04:02
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5690-TX		
Remark:			

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	49.65	48.18	74.00	-25.82	peak	100	253	
2	11380.000	5.19	47.79	52.98	74.00	-21.02	peak			
3	11380.000	5.19	37.04	42.23	54.00	-11.77	AVG			
4	17070.000	15.42	42.94	58.36	68.00	-9.64	peak			
5	17070.000	15.42	32.29	47.71	68.00	-20.29	AVG			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:04:54
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5690-TX		
Remark:			

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	50.54	48.36	74.00	-25.64	peak	100	182	
2	11380.000	5.19	47.88	53.07	74.00	-20.93	peak			
3	11380.000	5.19	36.95	42.14	54.00	-11.86	AVG			
4	17070.000	15.42	42.99	58.41	68.00	-9.59	peak			
5	17070.000	15.42	32.20	47.62	68.00	-20.38	AVG			

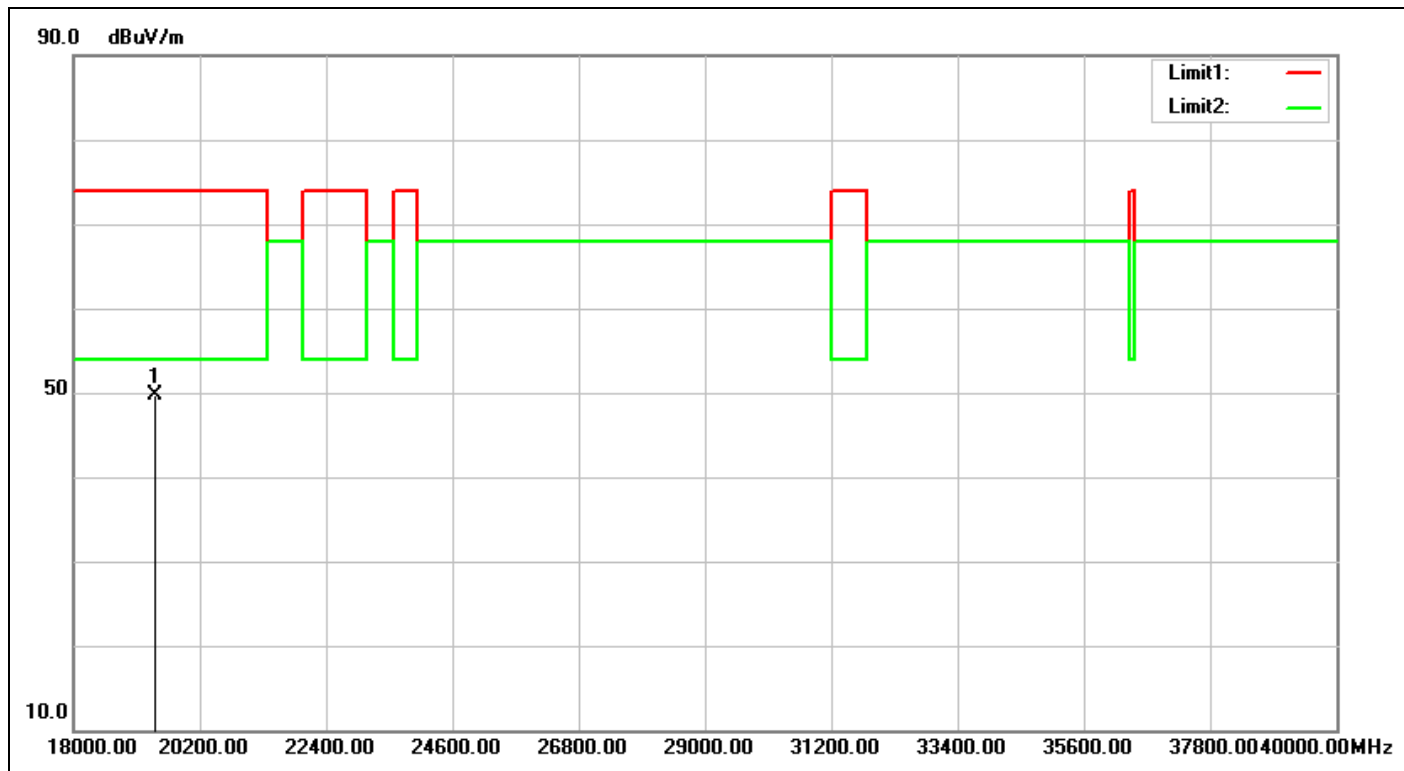
Spurious Emissions, TX Mode, 18-40G, U-NII-1



TUV Rheinland Taiwan Ltd.

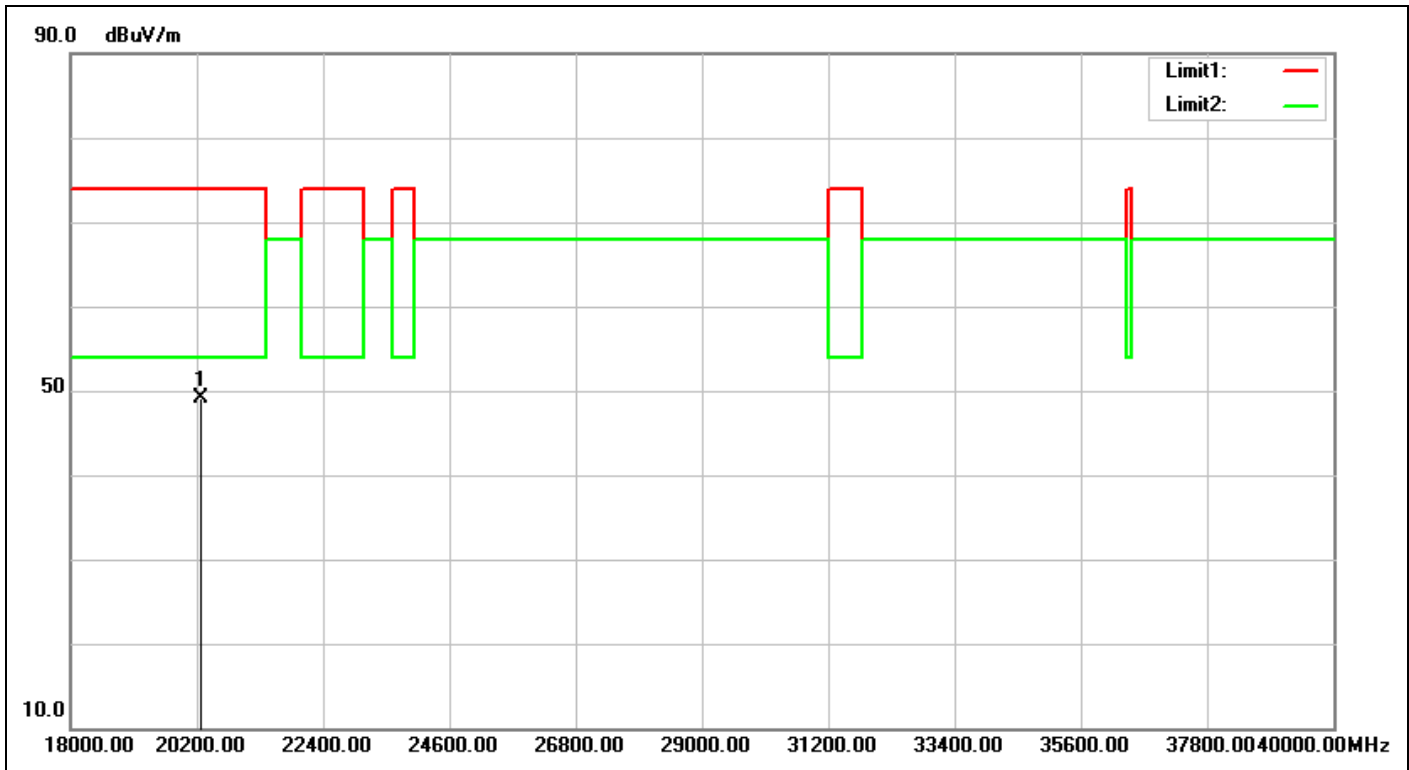
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



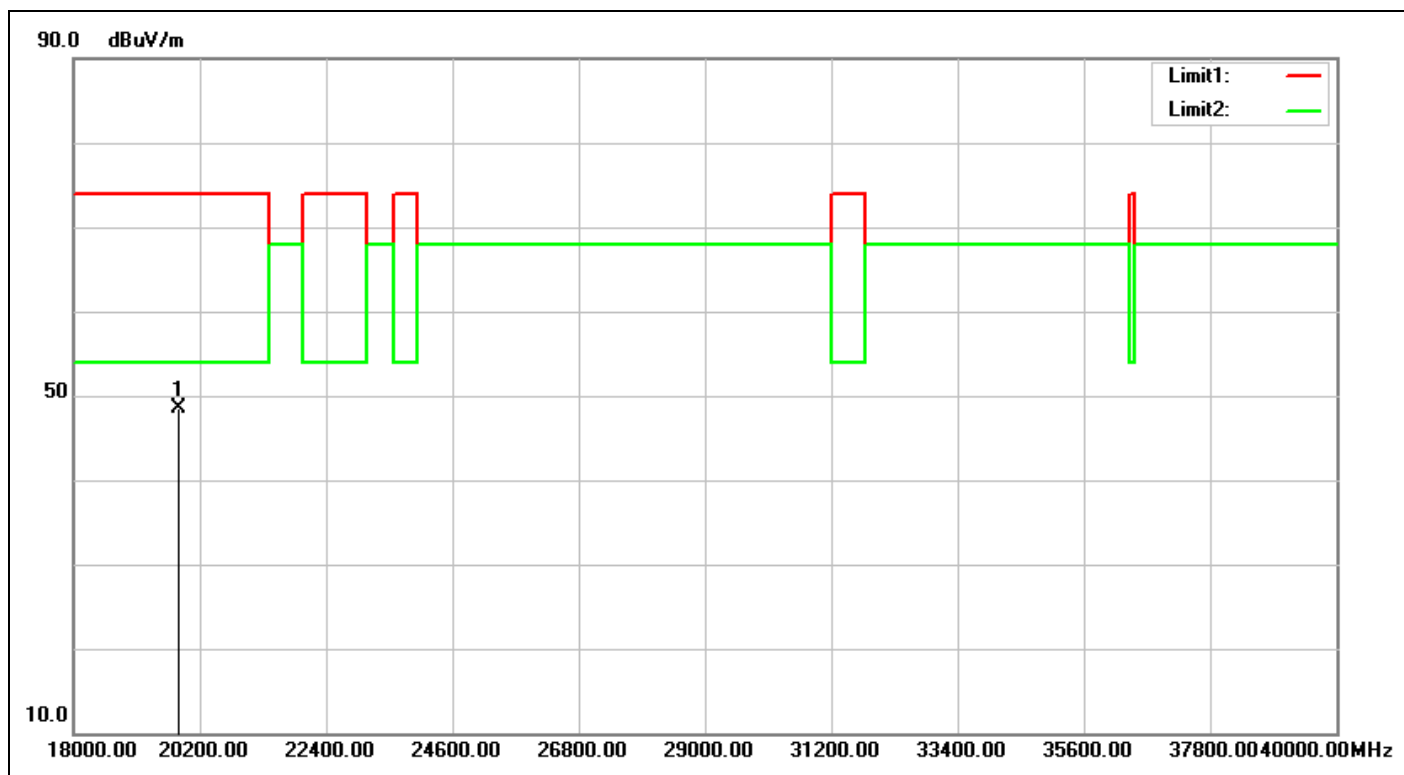
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:31:06
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5180-TX		
Remark:			

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	19.26	49.67	74.00	-24.33	peak		0	



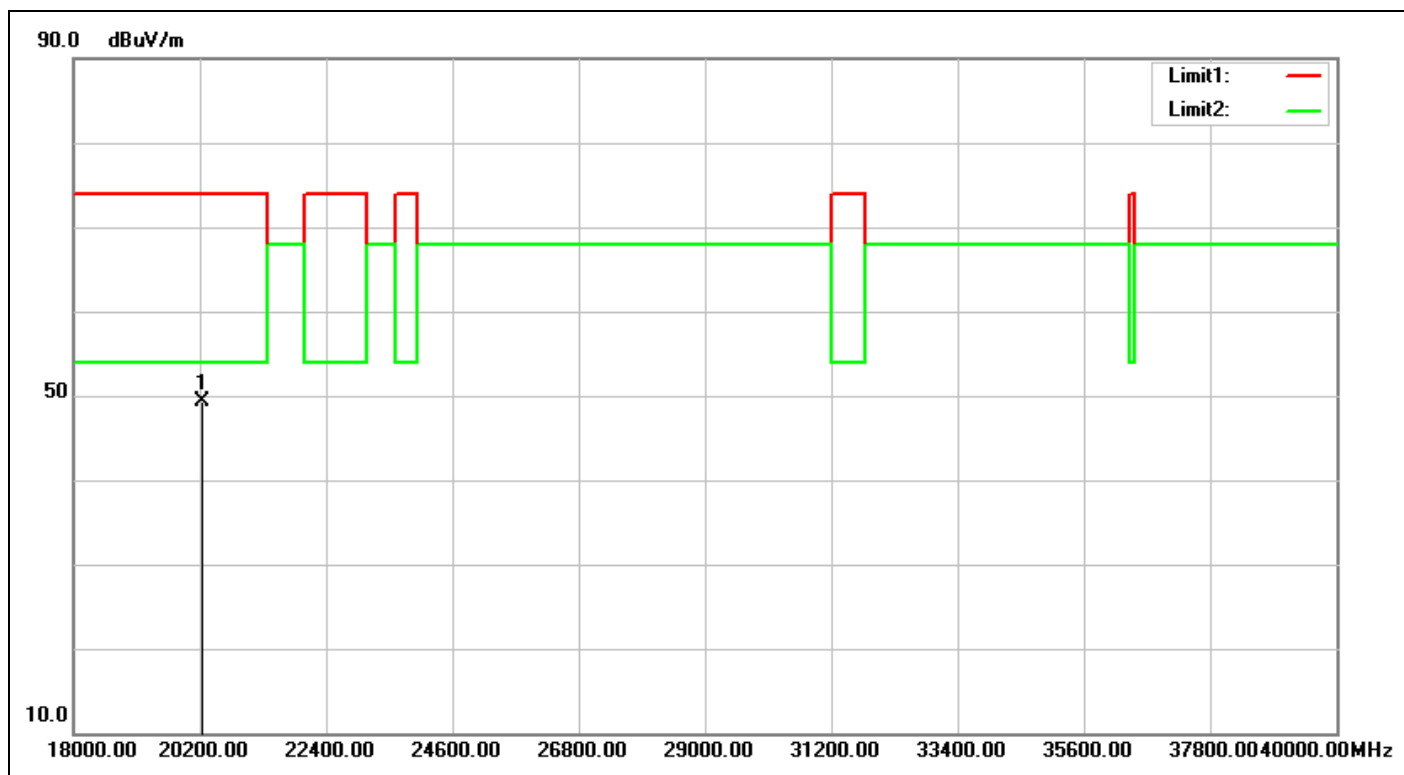
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:31:13
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5180-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20266.000	31.31	17.83	49.14	74.00	-24.86	peak			



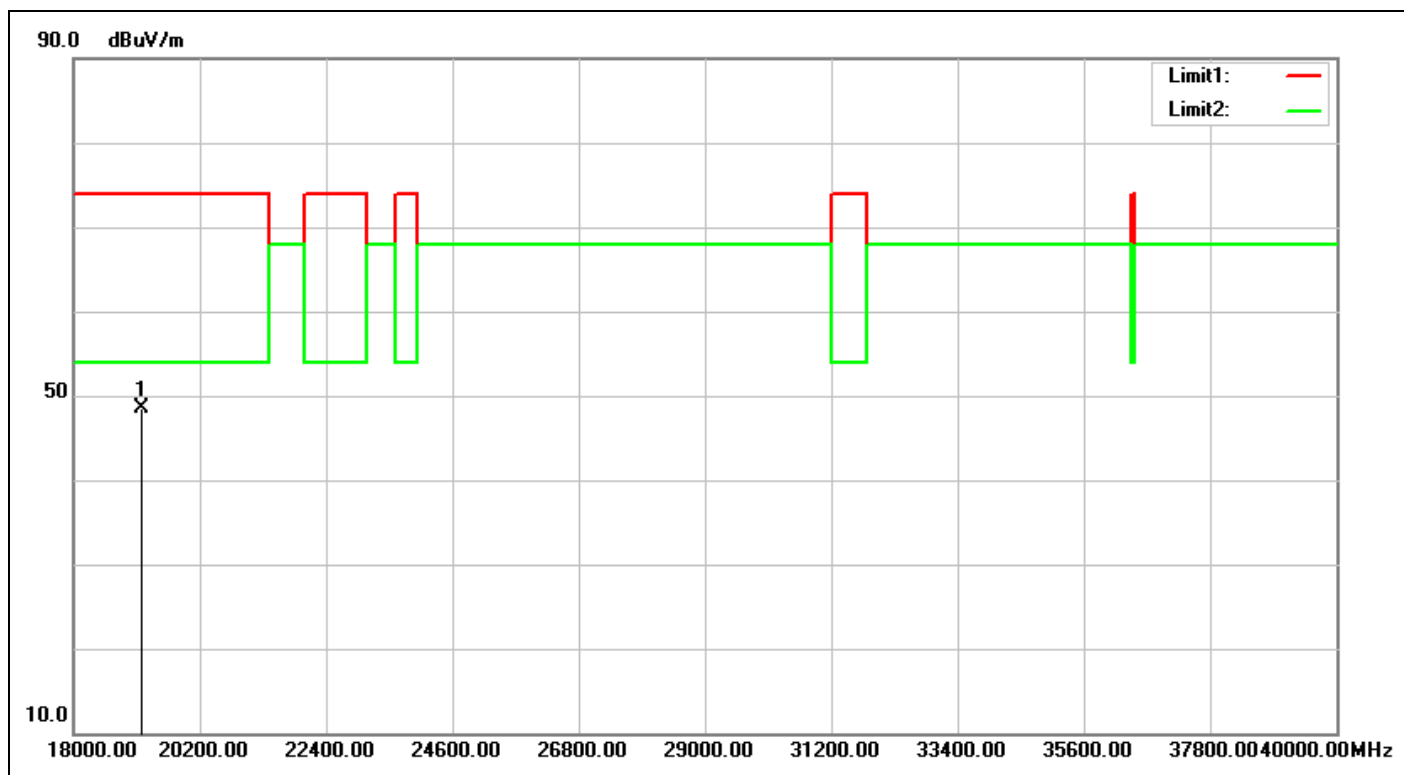
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:32:40
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19826.000	30.96	17.47	48.43	74.00	-25.57	peak			



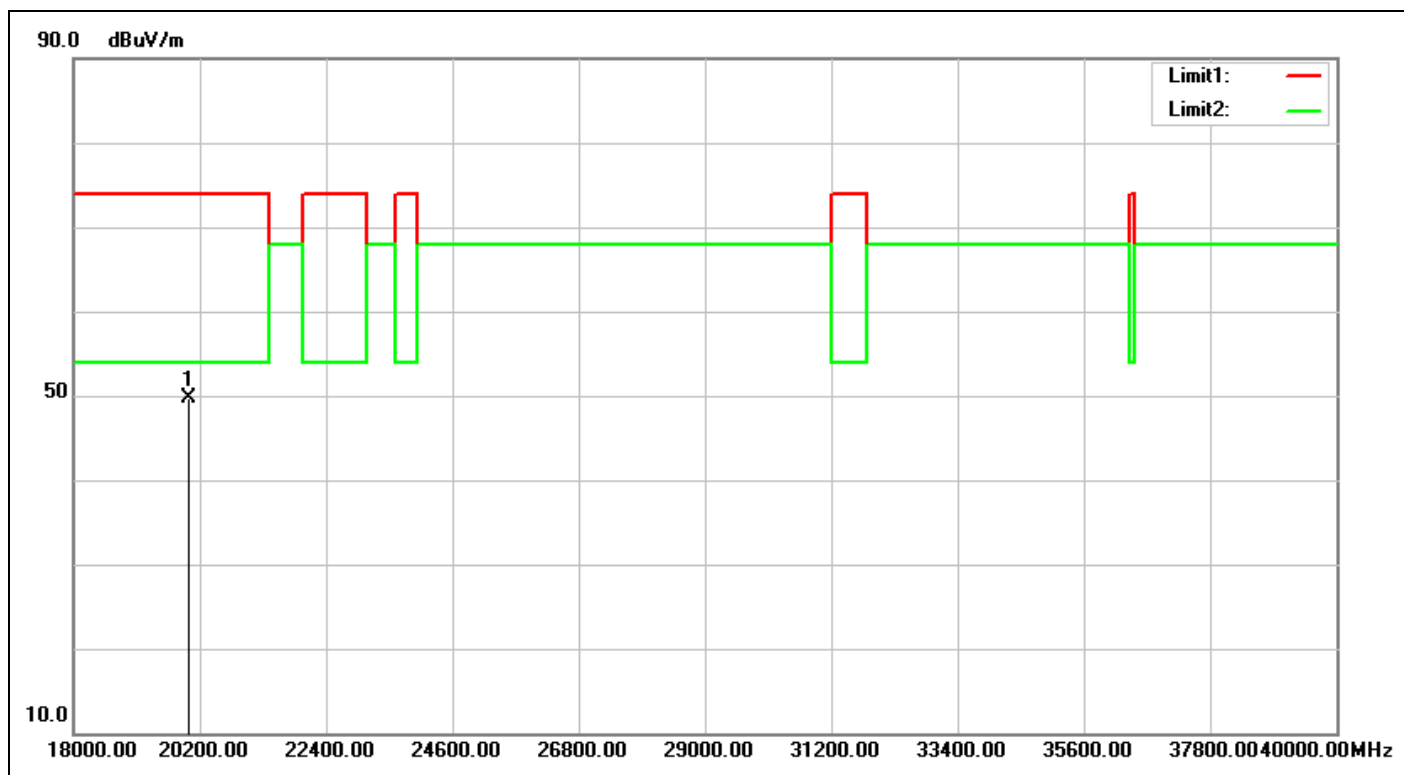
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:32:47
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20244.000	31.30	18.01	49.31	74.00	-24.69	peak			



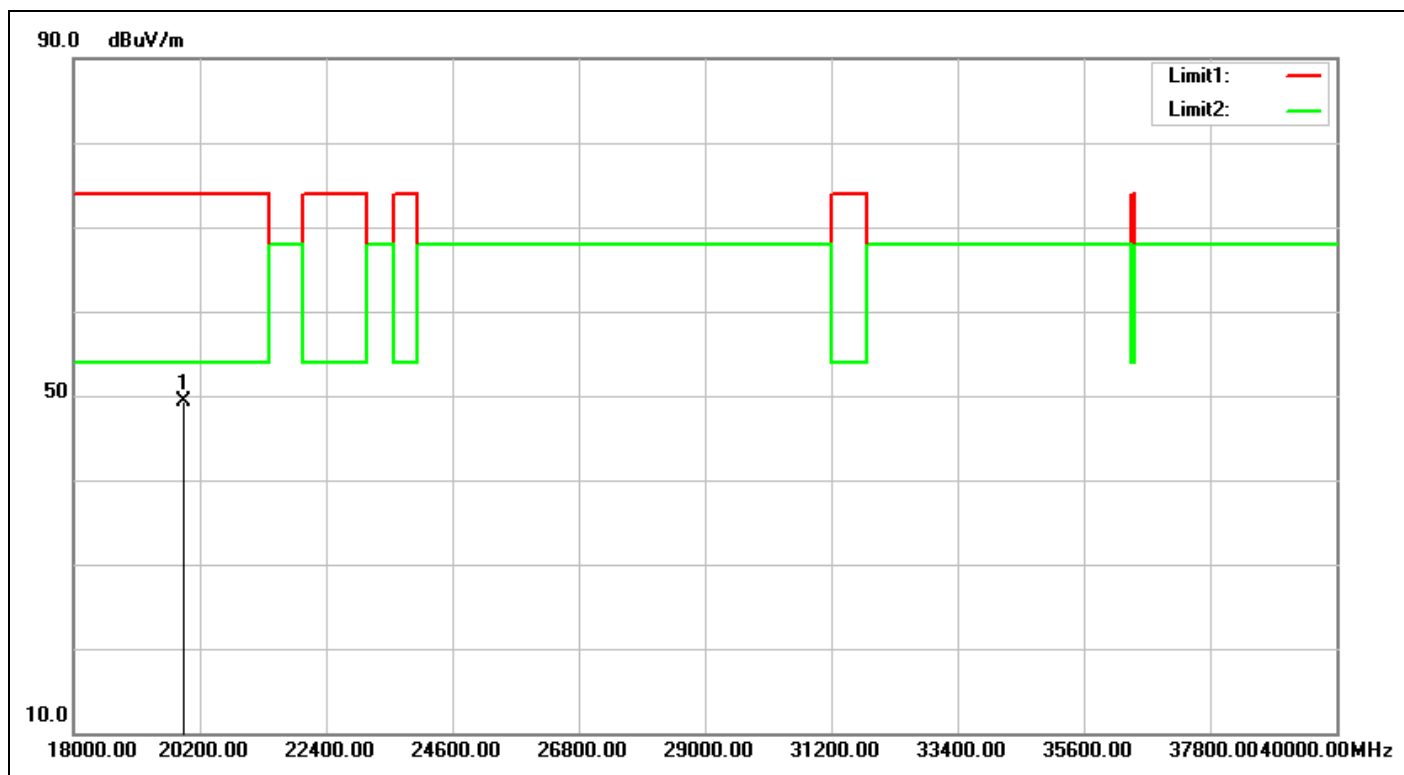
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:34:23
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5240-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19188.000	30.26	18.27	48.53	74.00	-25.47	peak			



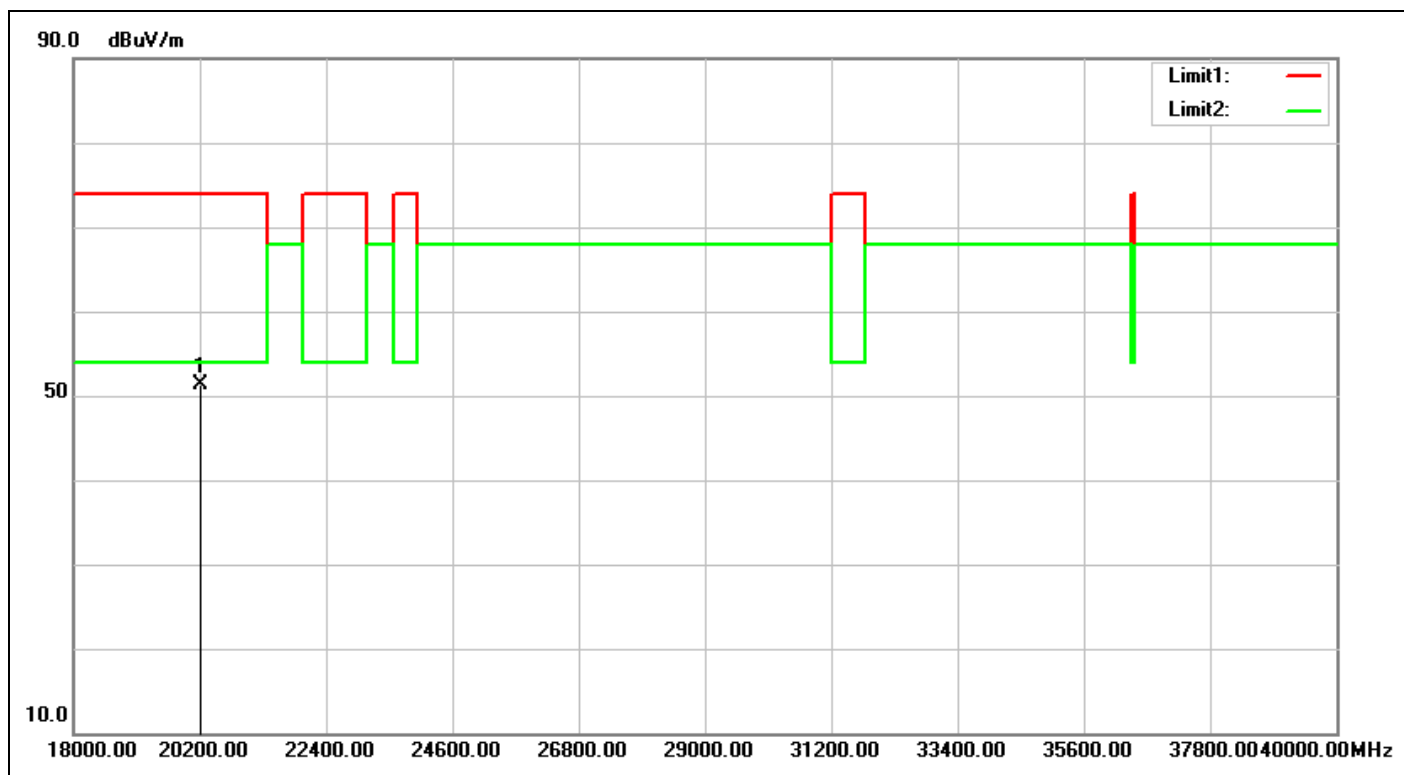
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:34:30
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5240-TX		
Remark:			

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	18.54	49.75	74.00	-24.25	peak			



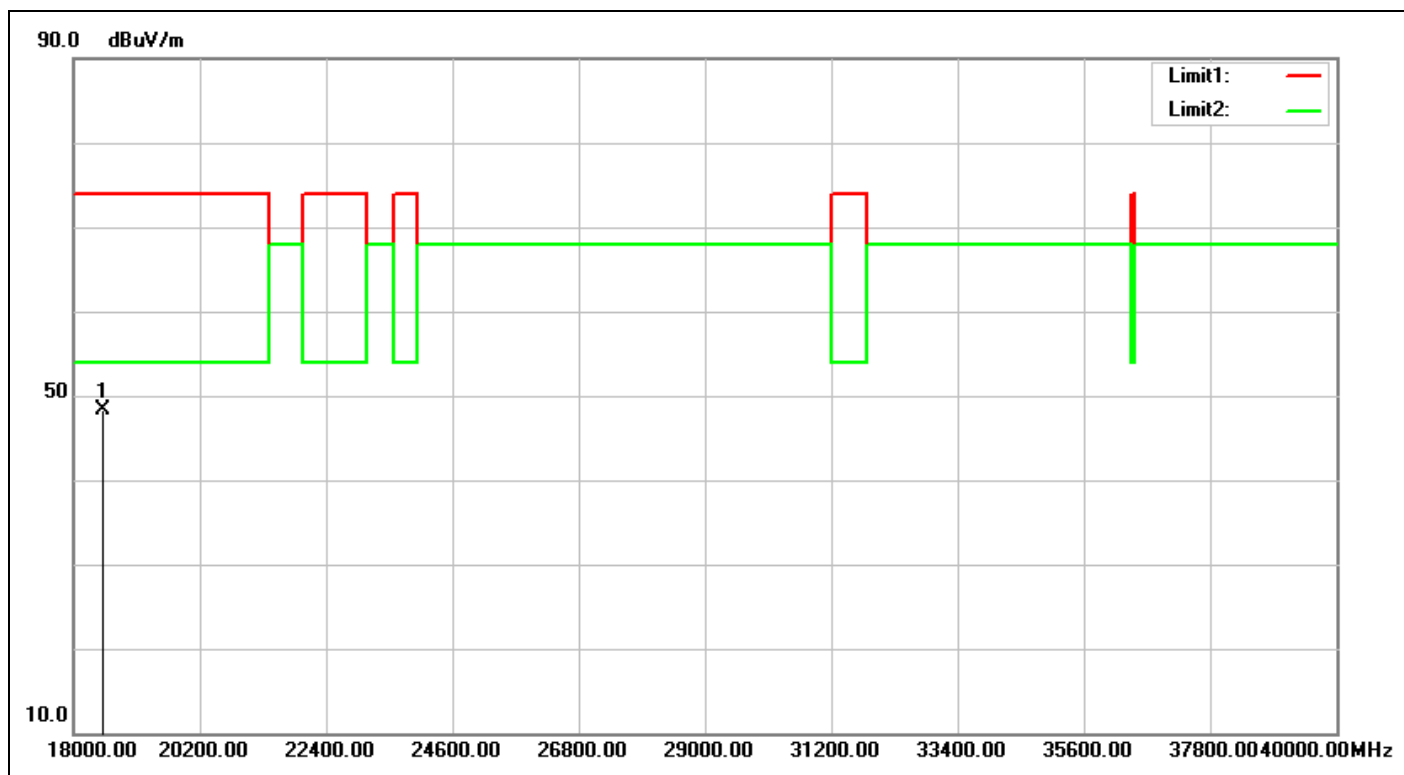
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:35:00
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5180-TX		
Remark:			

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	18.32	49.40	74.00	-24.60	peak			



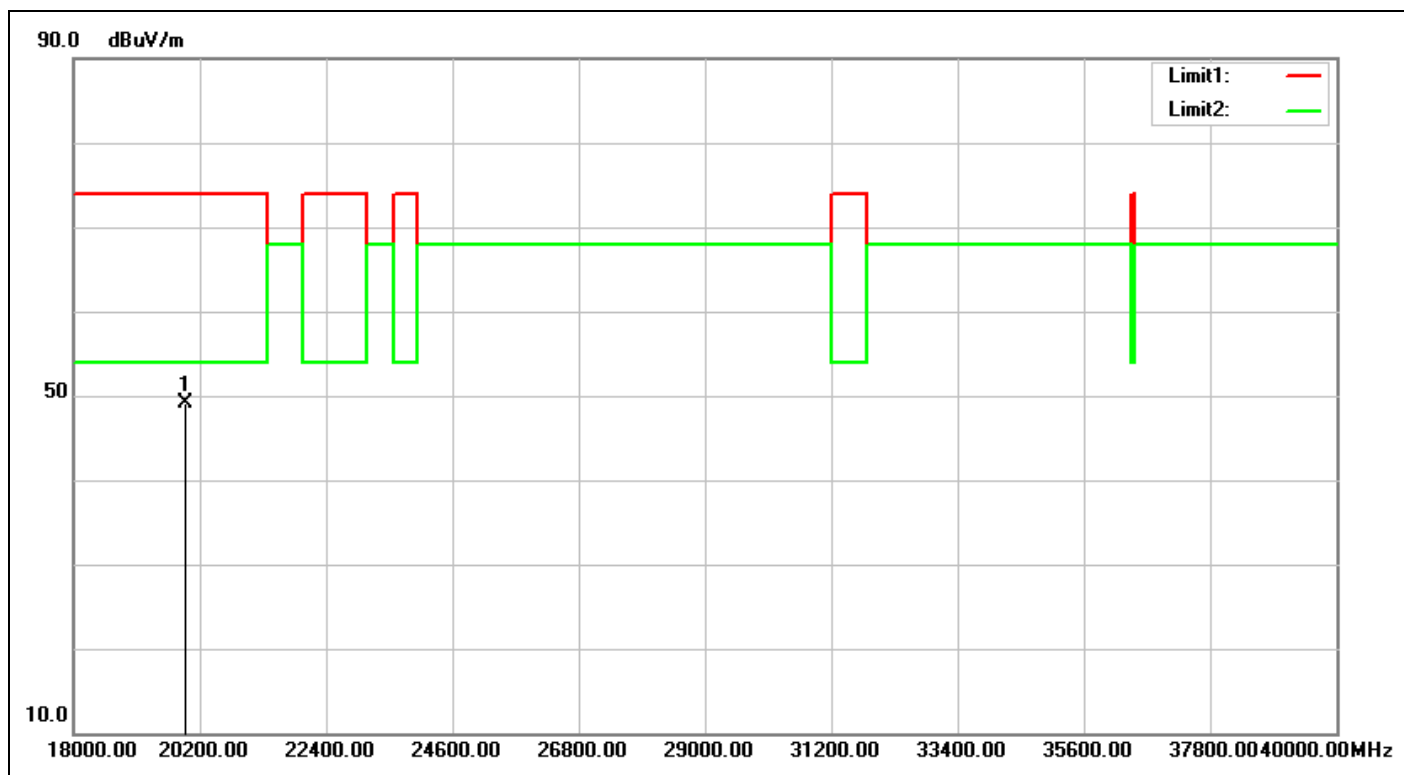
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:35:07
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5180-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20222.000	31.29	20.09	51.38	74.00	-22.62	peak			



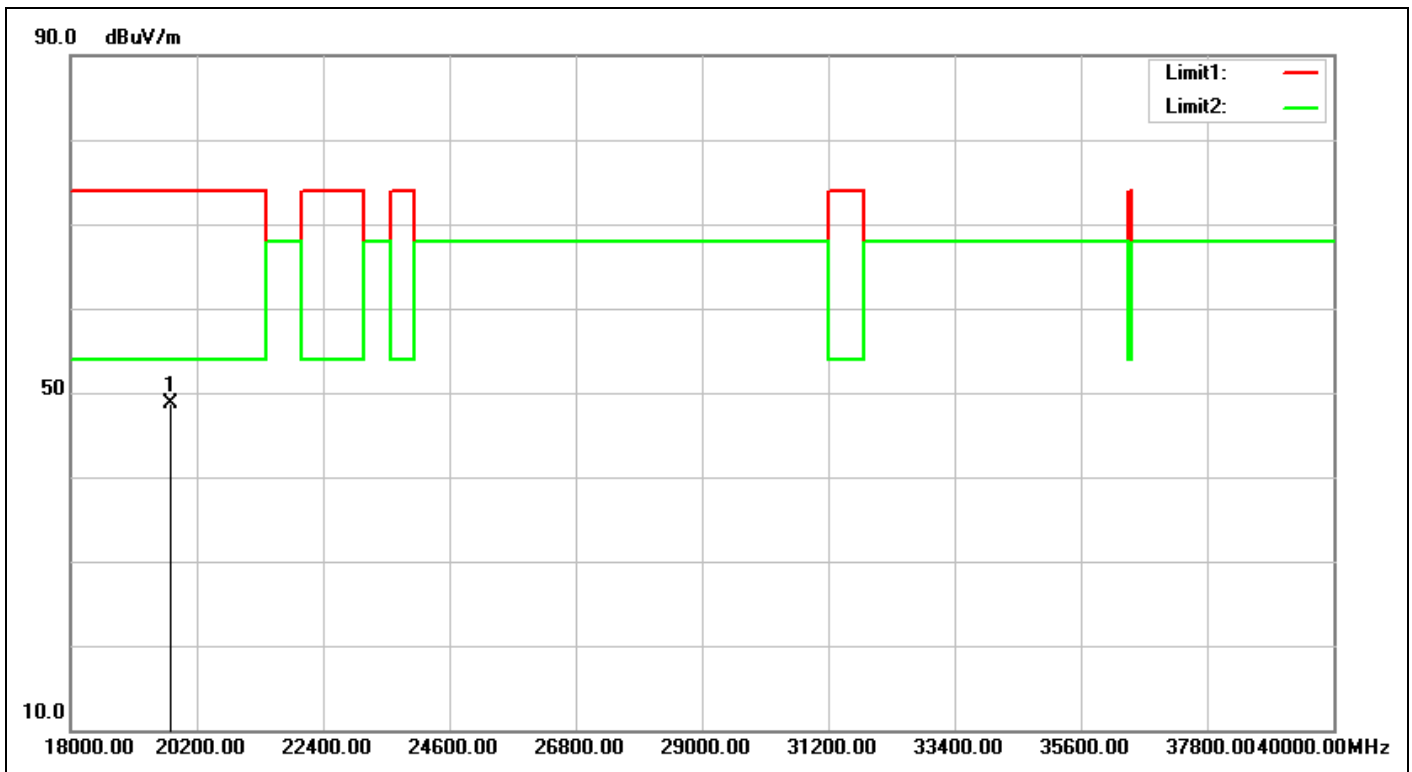
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:35:35
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18506.000	28.49	19.84	48.33	74.00	-25.67	peak			



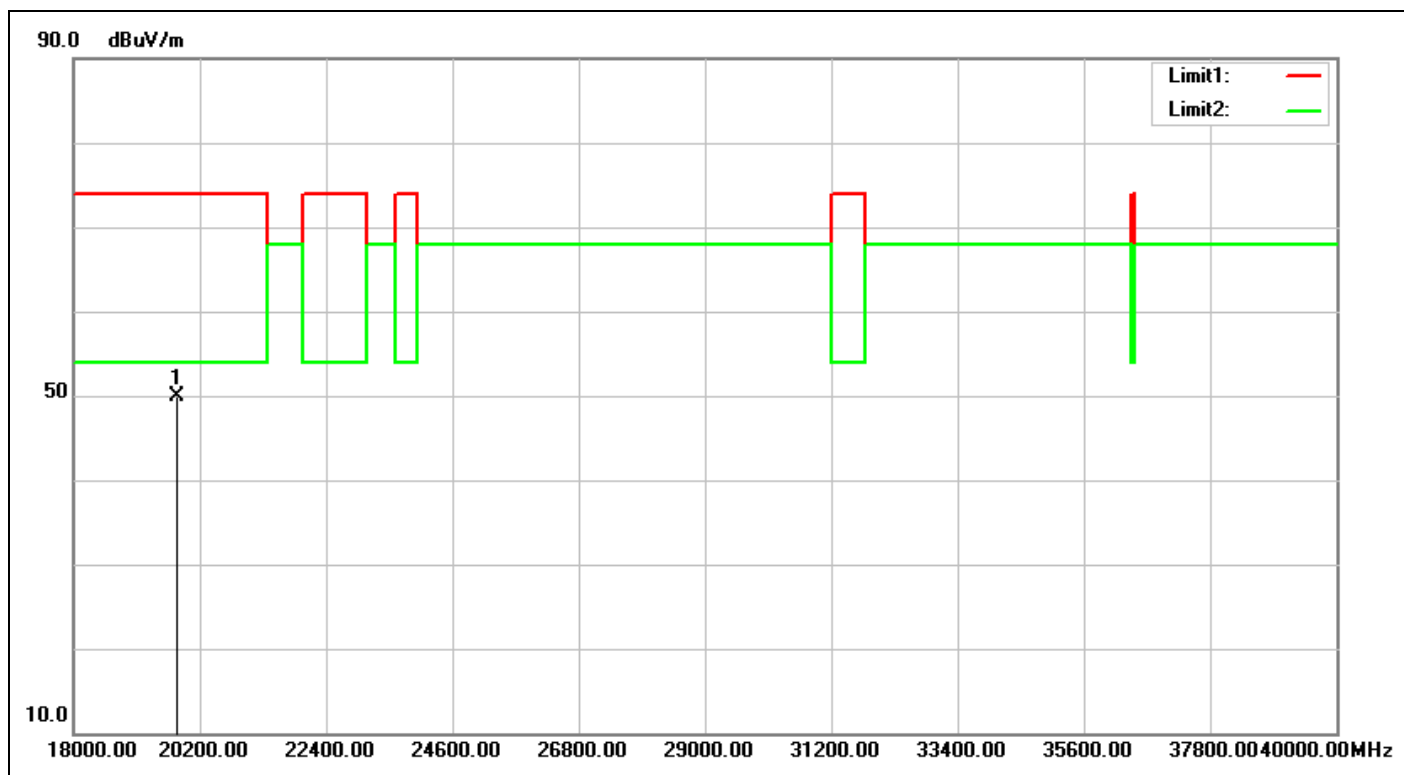
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:35:42
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5200-TX		
Remark:			

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	17.90	49.02	74.00	-24.98	peak			



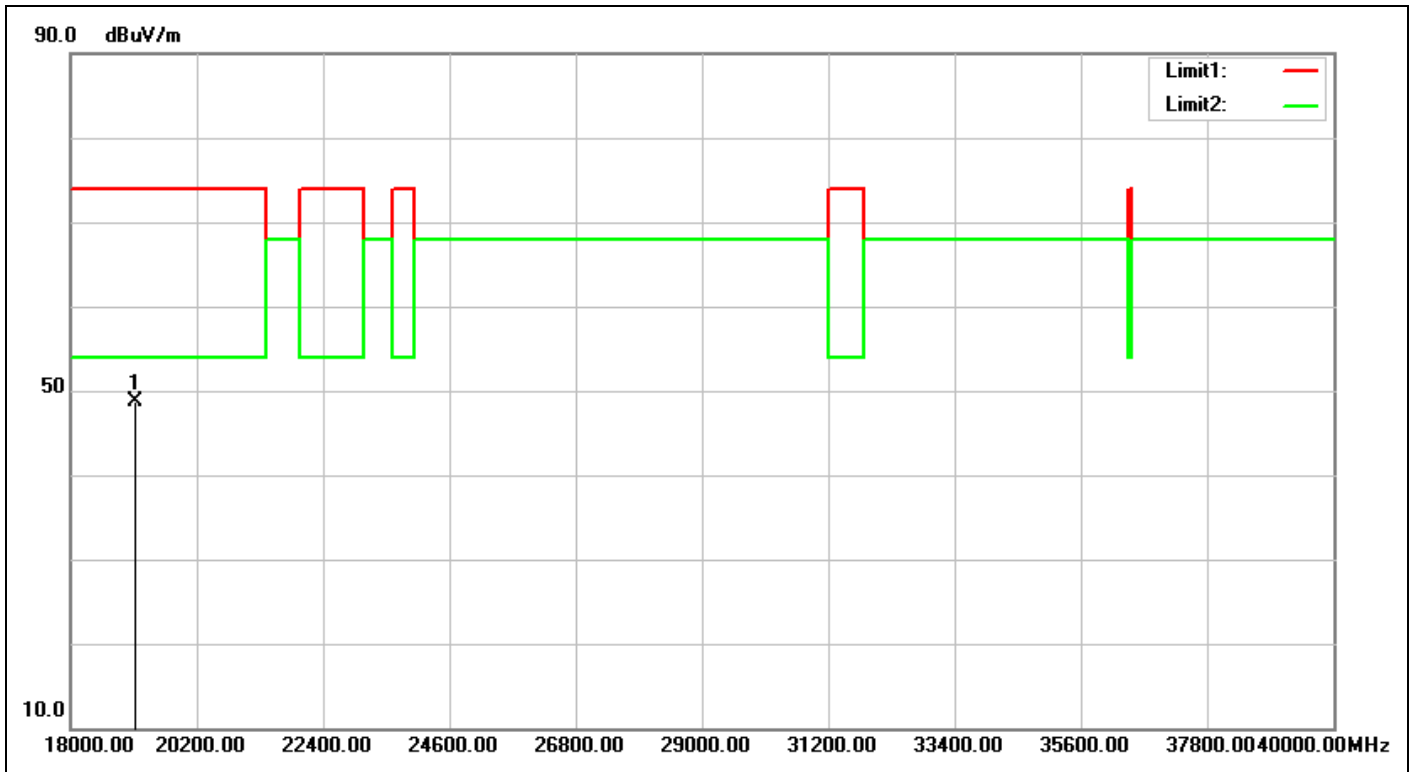
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:36:05
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5240-TX		
Remark:			

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	17.79	48.62	74.00	-25.38	peak			



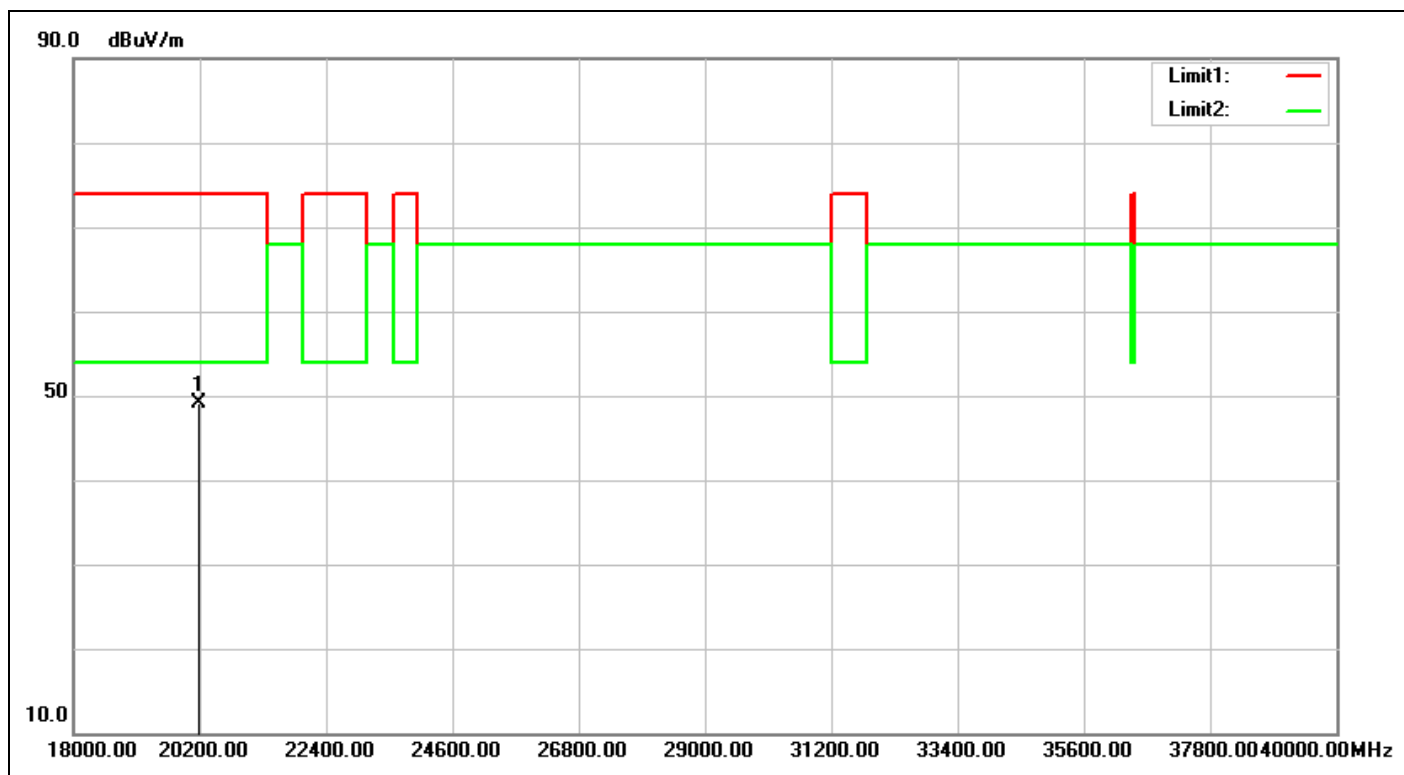
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:36:12
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5240-TX		
Remark:			

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	19.06	49.97	74.00	-24.03	peak			



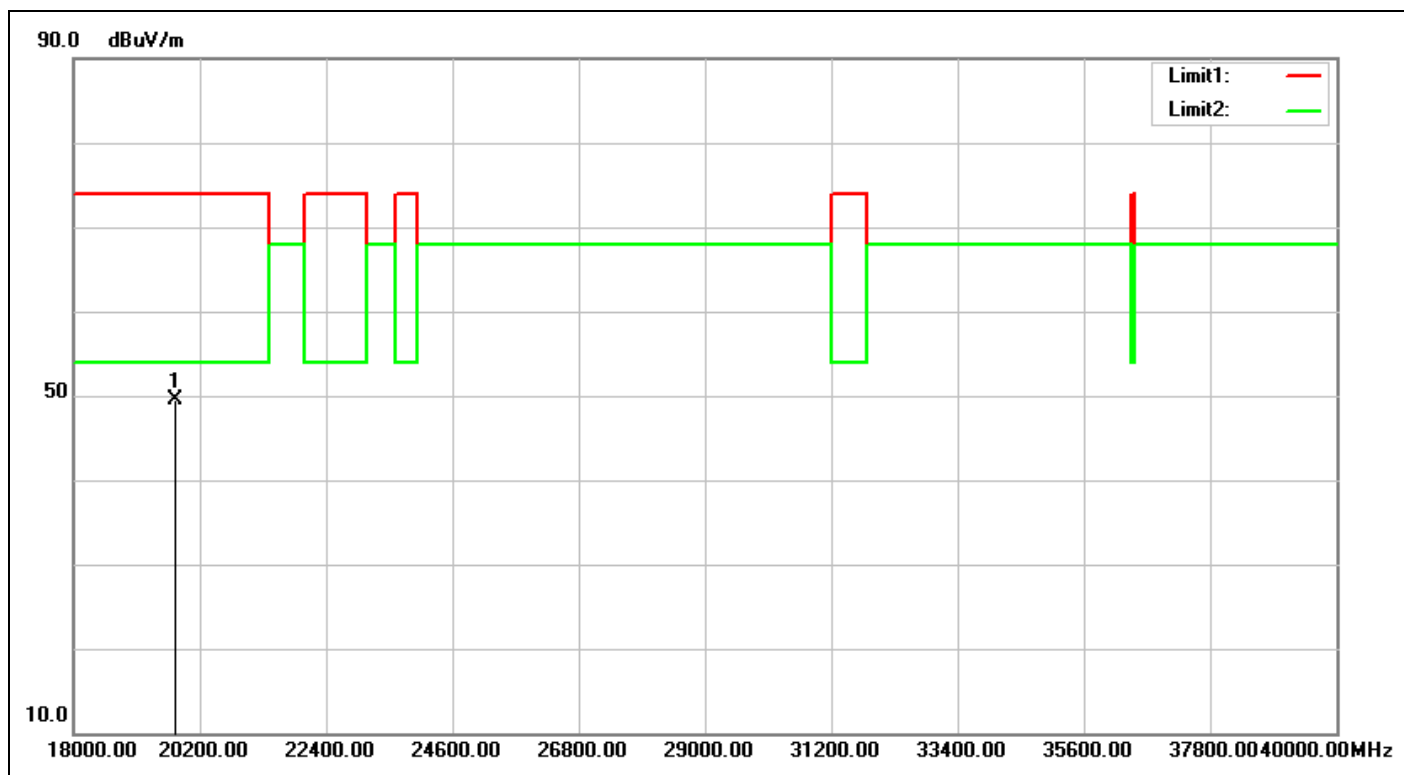
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:36:45
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5190-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19122.000	30.22	18.55	48.77	74.00	-25.23	peak			



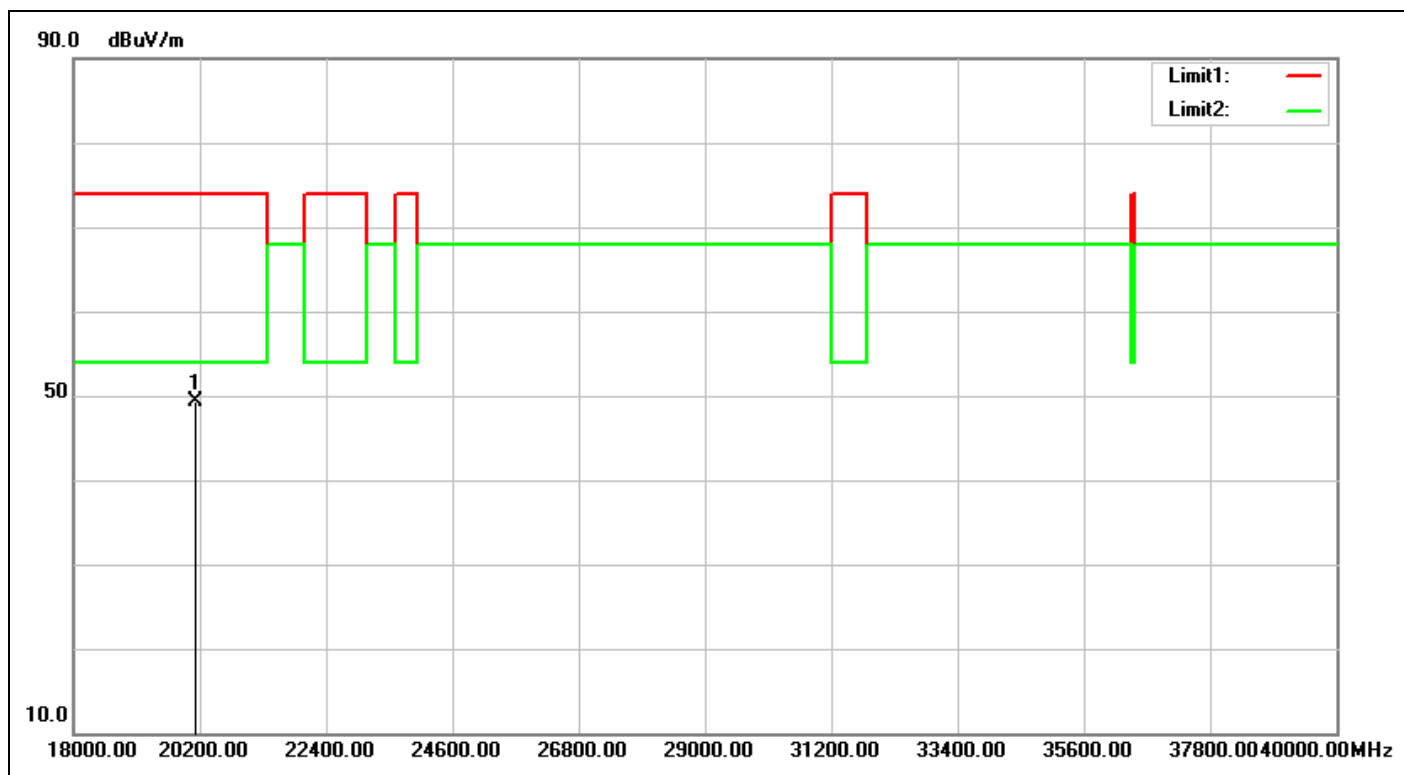
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:36:52
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5190-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20178.000	31.28	17.88	49.16	74.00	-24.84	peak			



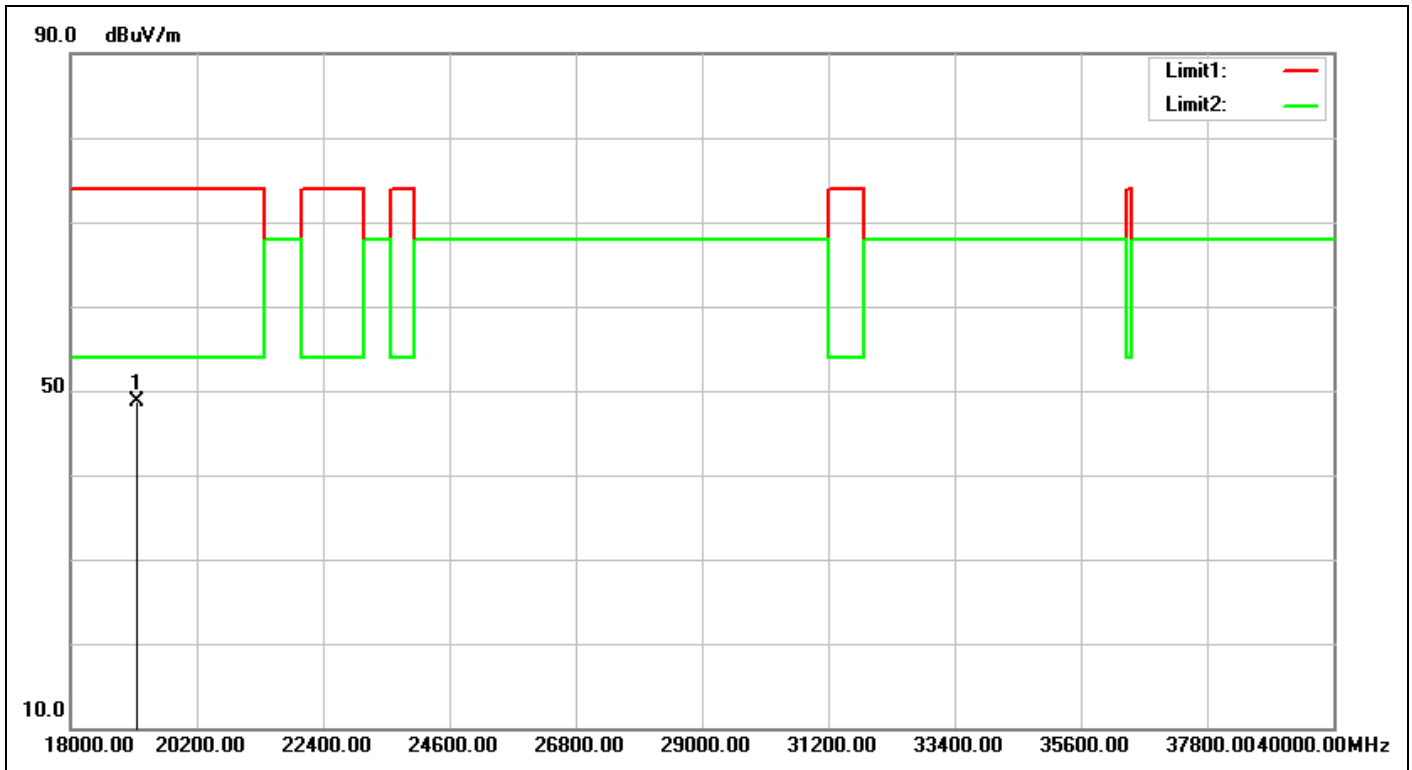
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:37:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5230-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19760.000	30.85	18.62	49.47	74.00	-24.53	peak			



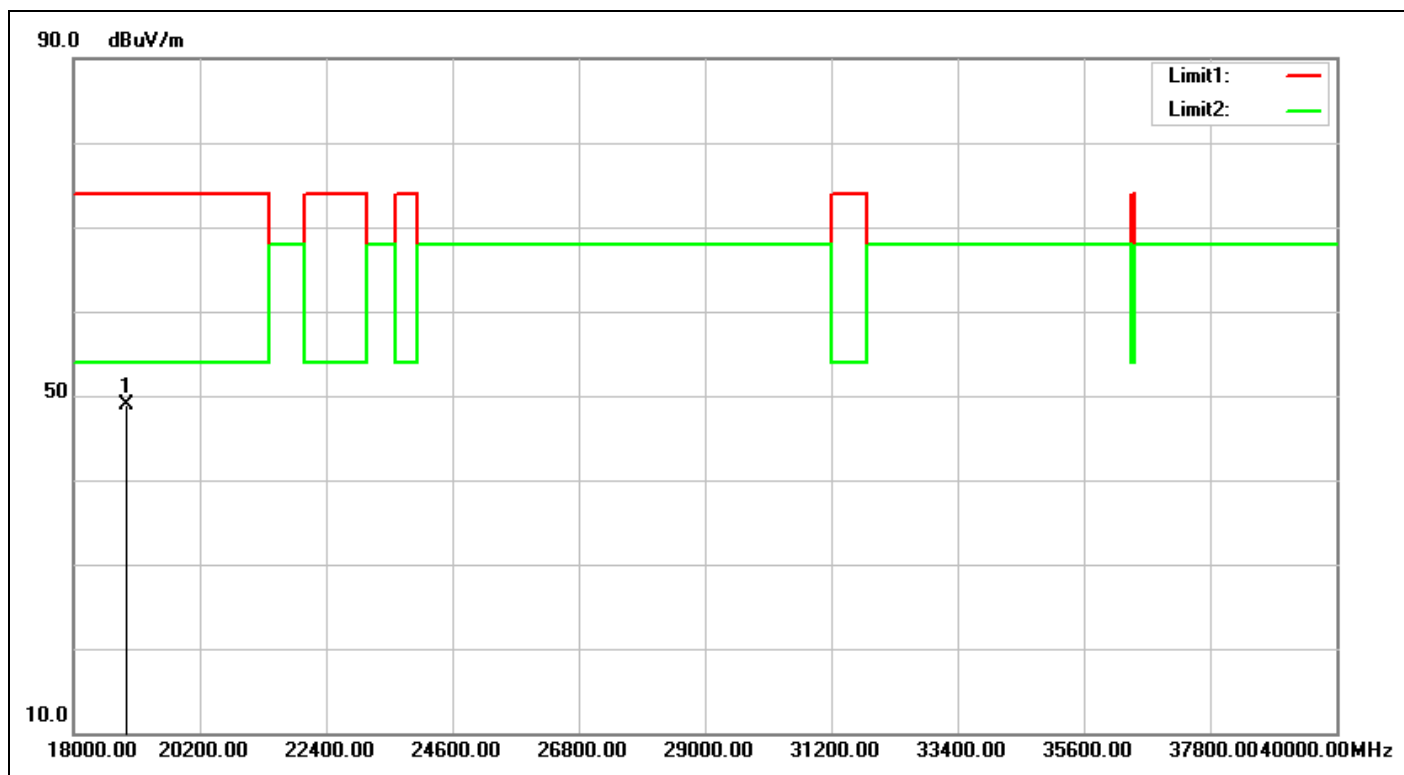
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:37:26
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5230-TX		
Remark:			

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	18.03	49.29	74.00	-24.71	peak			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:38:12
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5210-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19144.000	30.24	18.52	48.76	74.00	-25.24	peak			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:38:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5210-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18924.000	29.89	19.02	48.91	74.00	-25.09	peak			

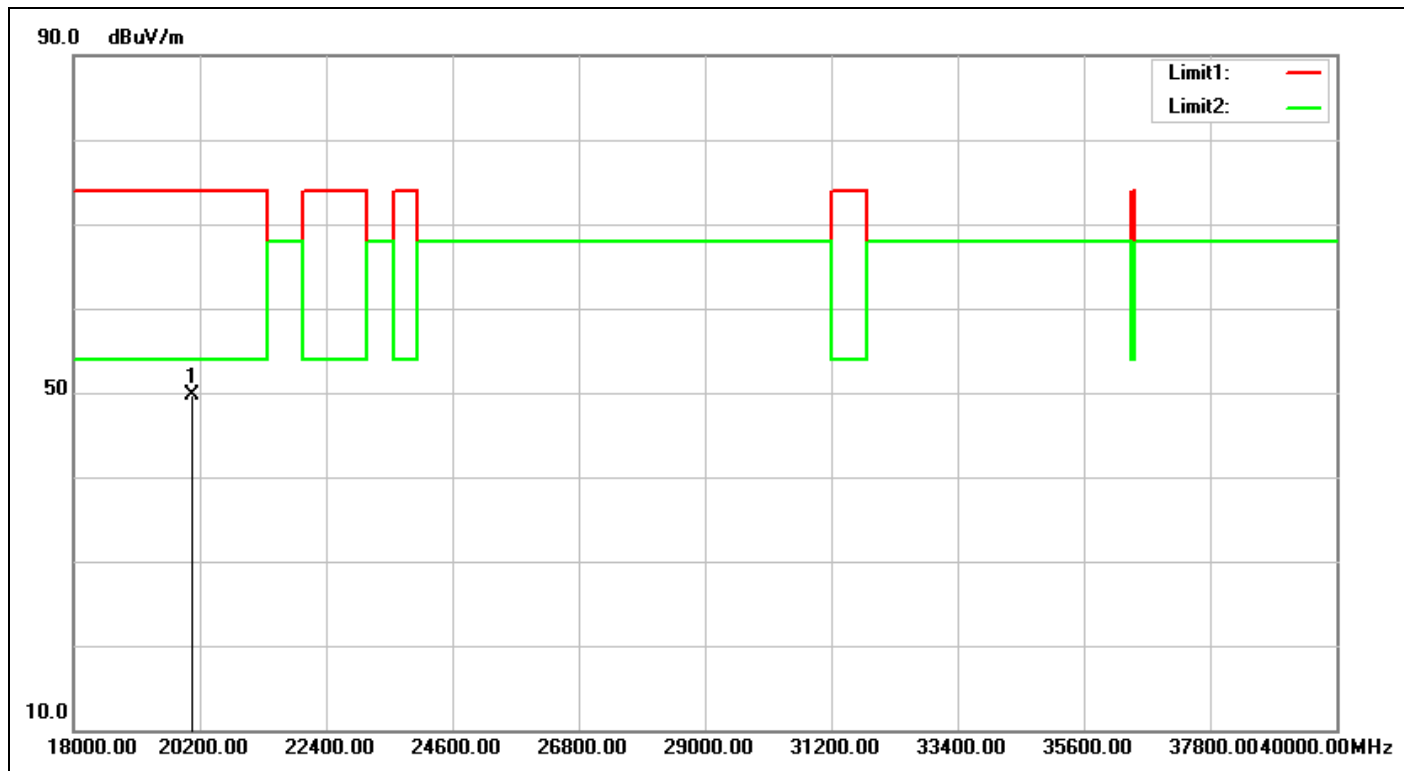
Spurious Emissions, TX Mode, 18-40G, U-NII-2A



TUV Rheinland Taiwan Ltd.

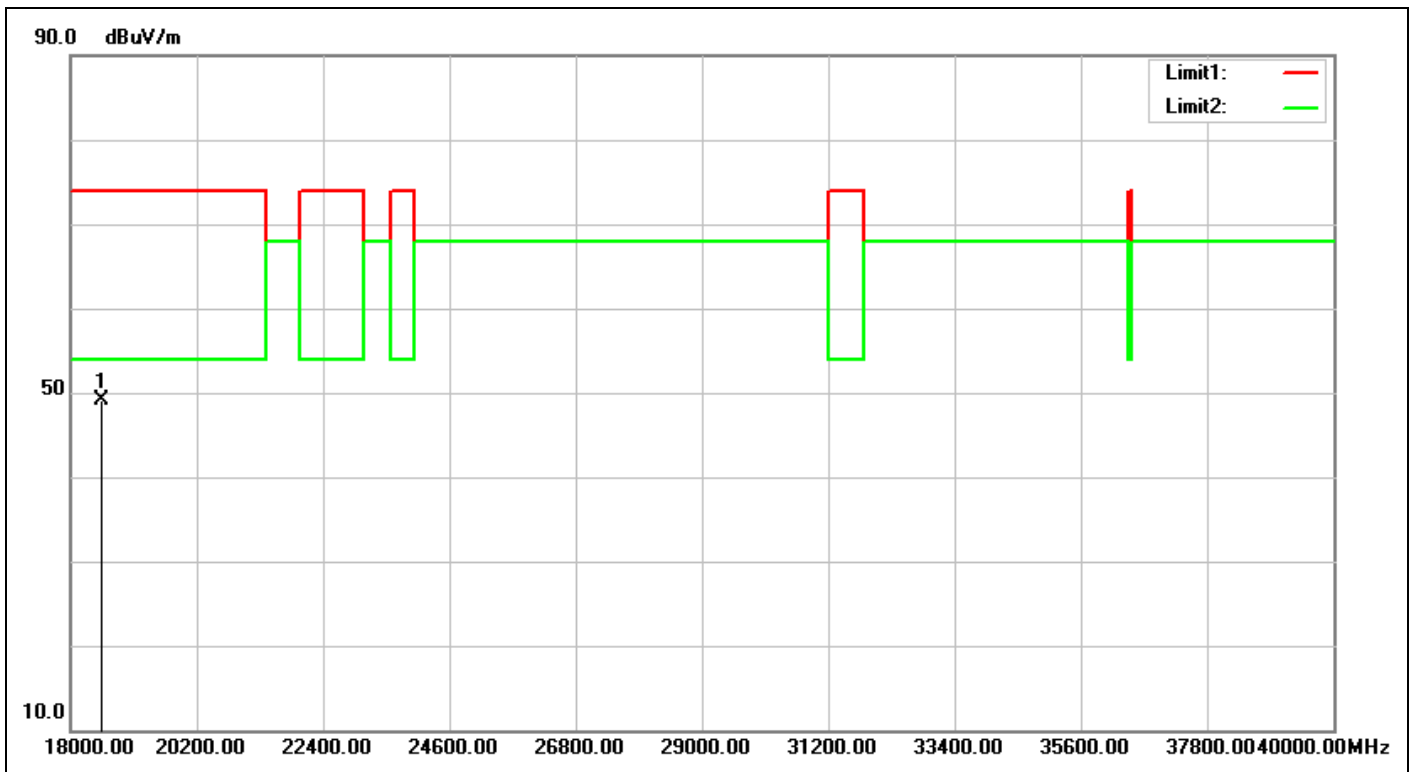
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



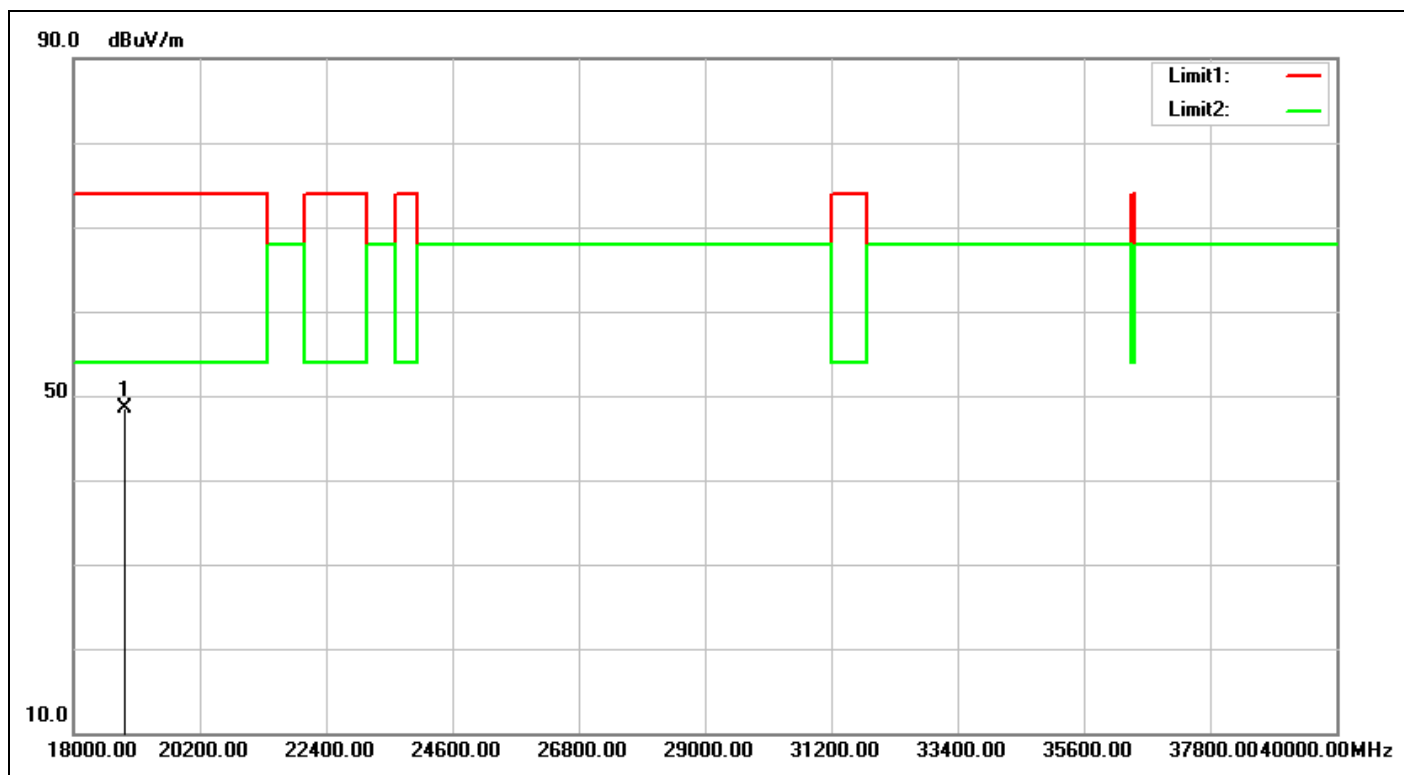
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:45:44
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5280-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20068.000	31.23	18.54	49.77	74.00	-24.23	peak		0	



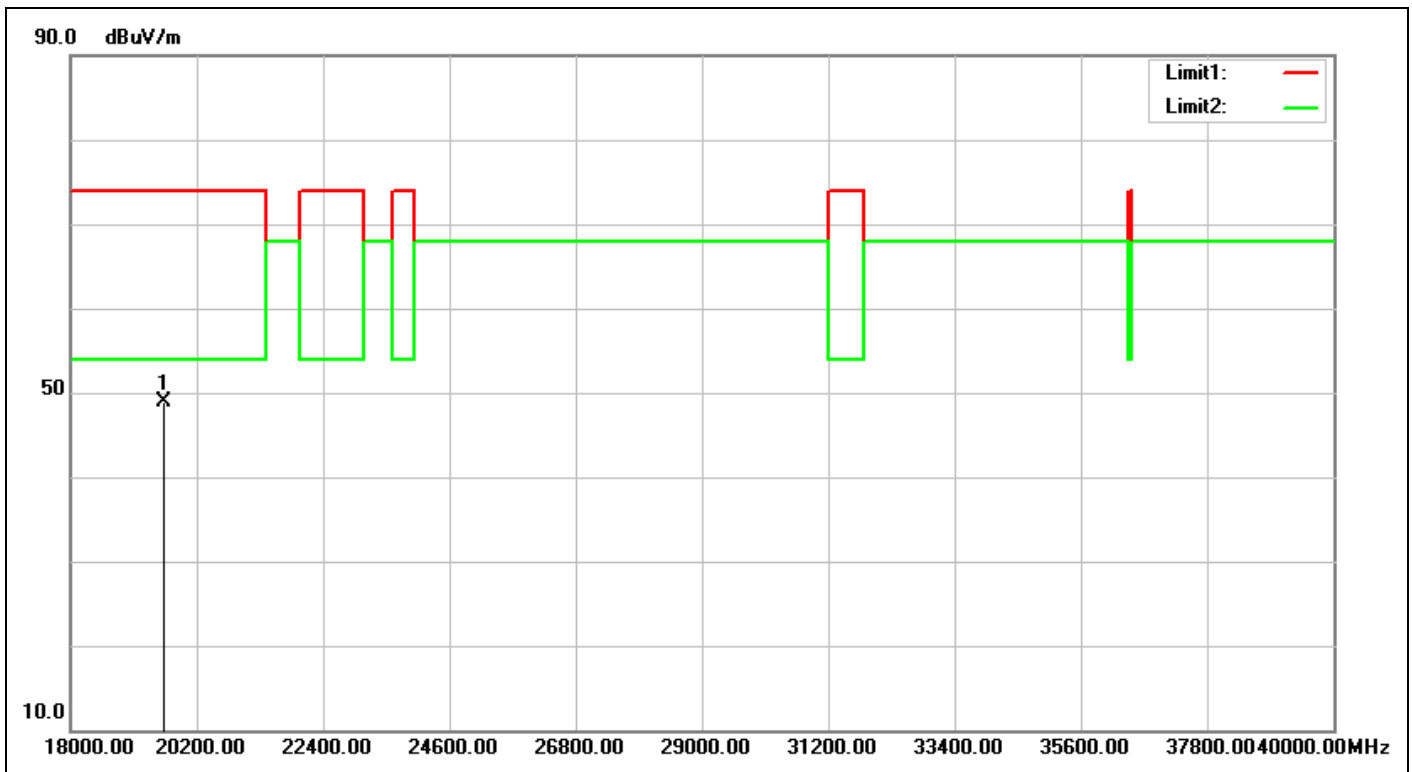
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:45:51
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5280-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18528.000	28.57	20.56	49.13	74.00	-24.87	peak			



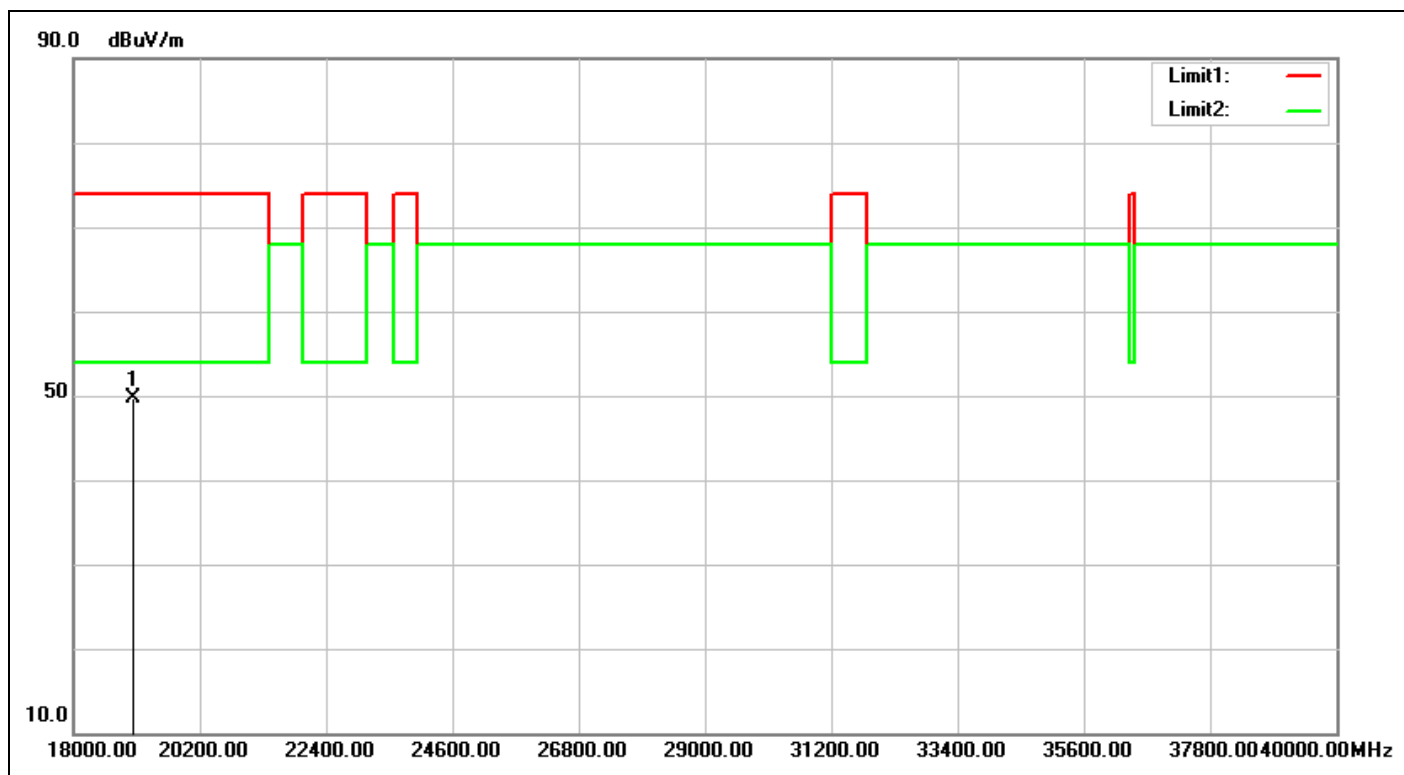
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:46:54
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5300-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18902.000	29.82	18.75	48.57	74.00	-25.43	peak			



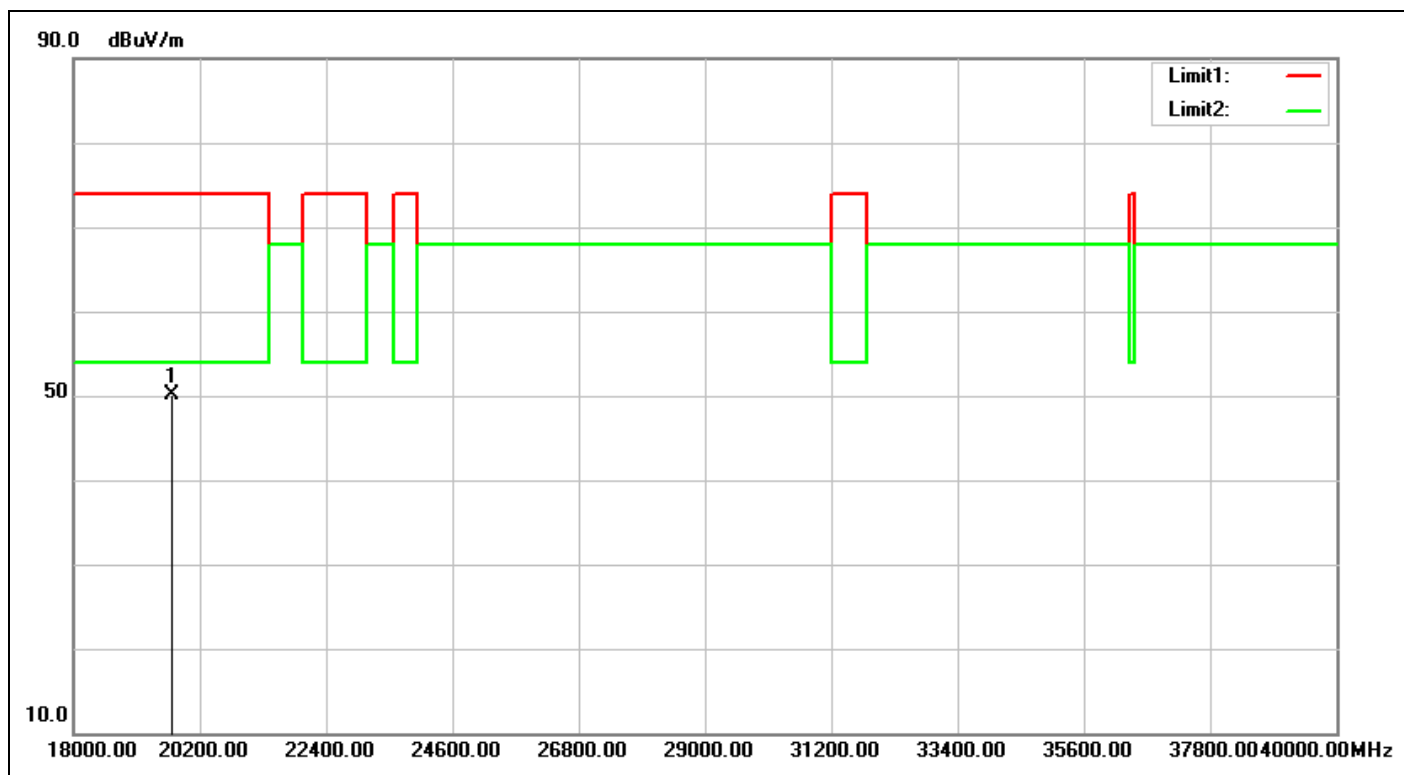
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:47:01
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5300-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19628.000	30.66	18.18	48.84	74.00	-25.16	peak			



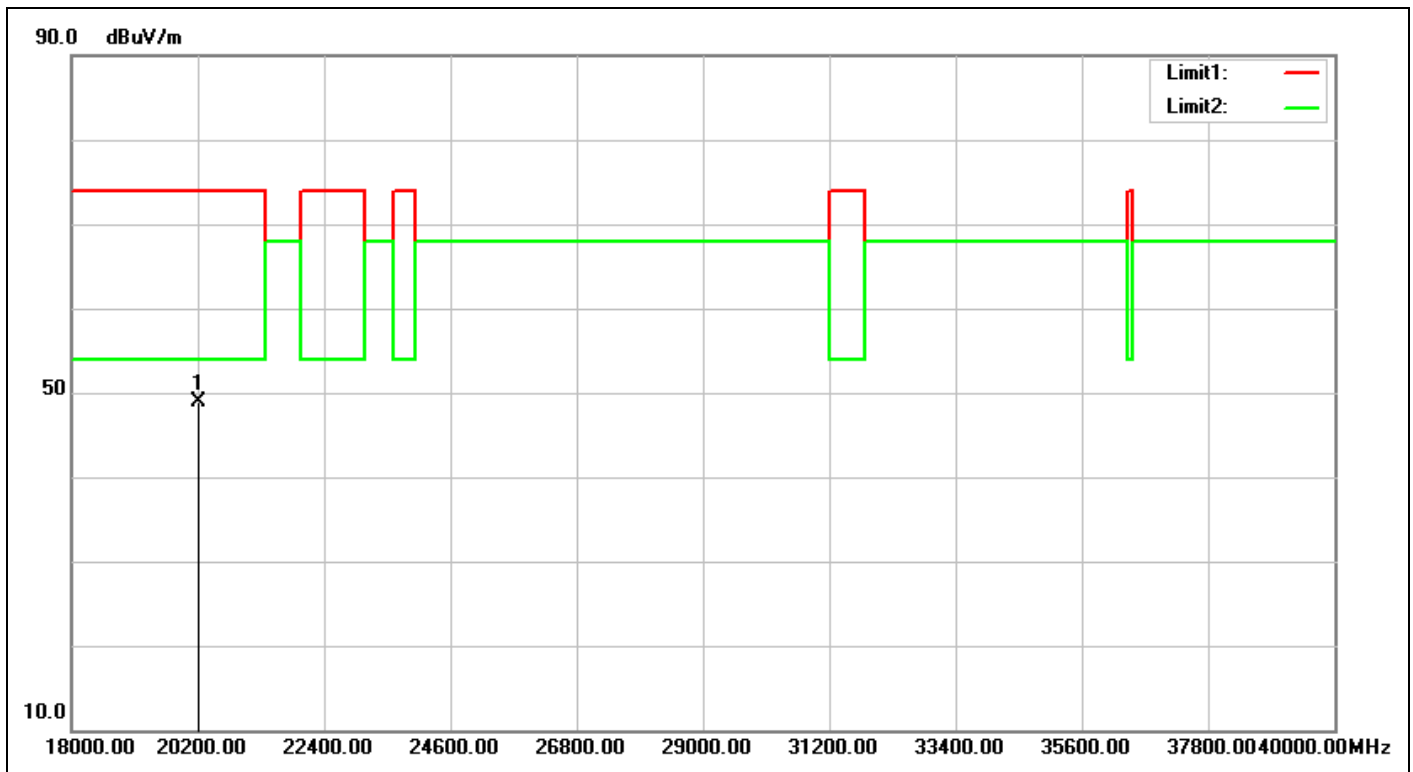
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:47:24
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5320-TX		
Remark:			

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	19.59	49.76	74.00	-24.24	peak			



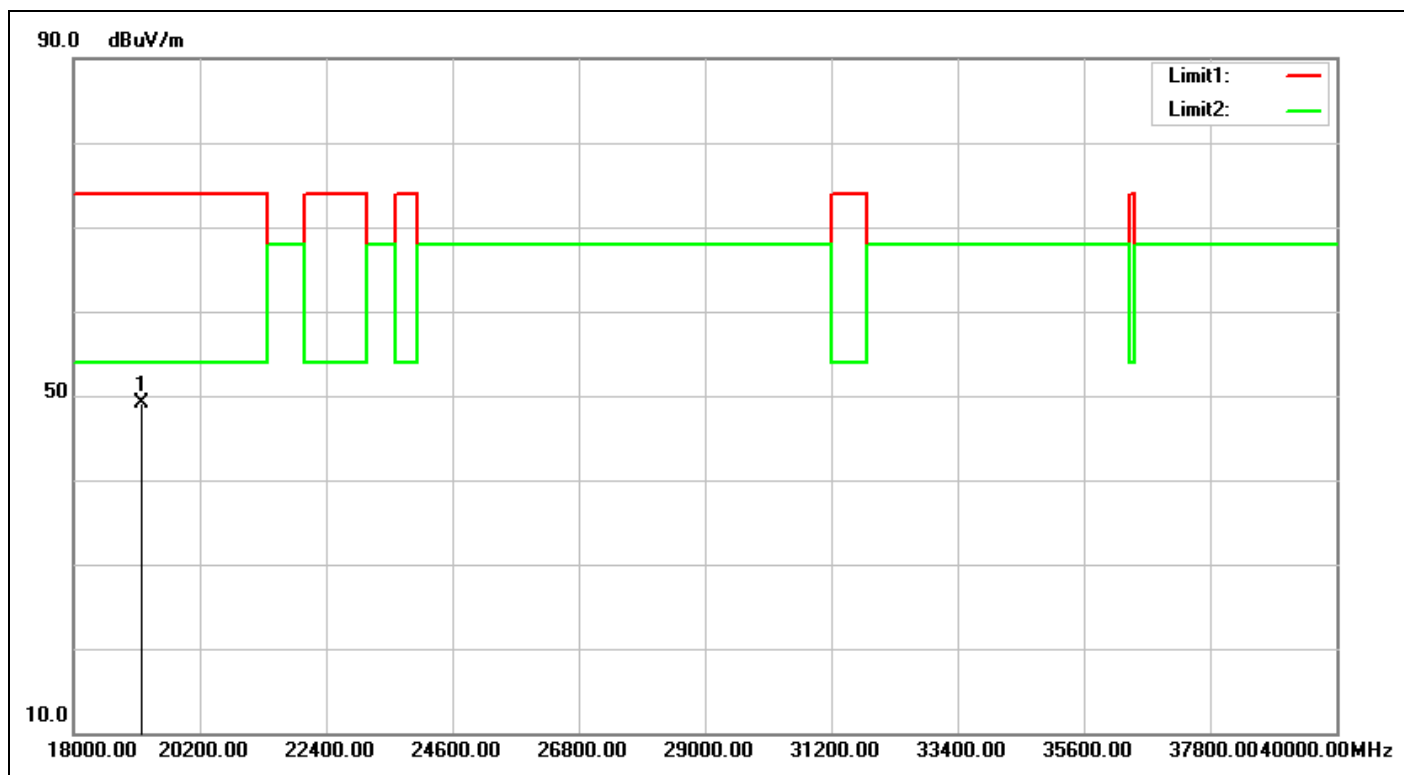
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:47:31
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5320-TX		
Remark:			

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	19.27	50.07	74.00	-23.93	peak			



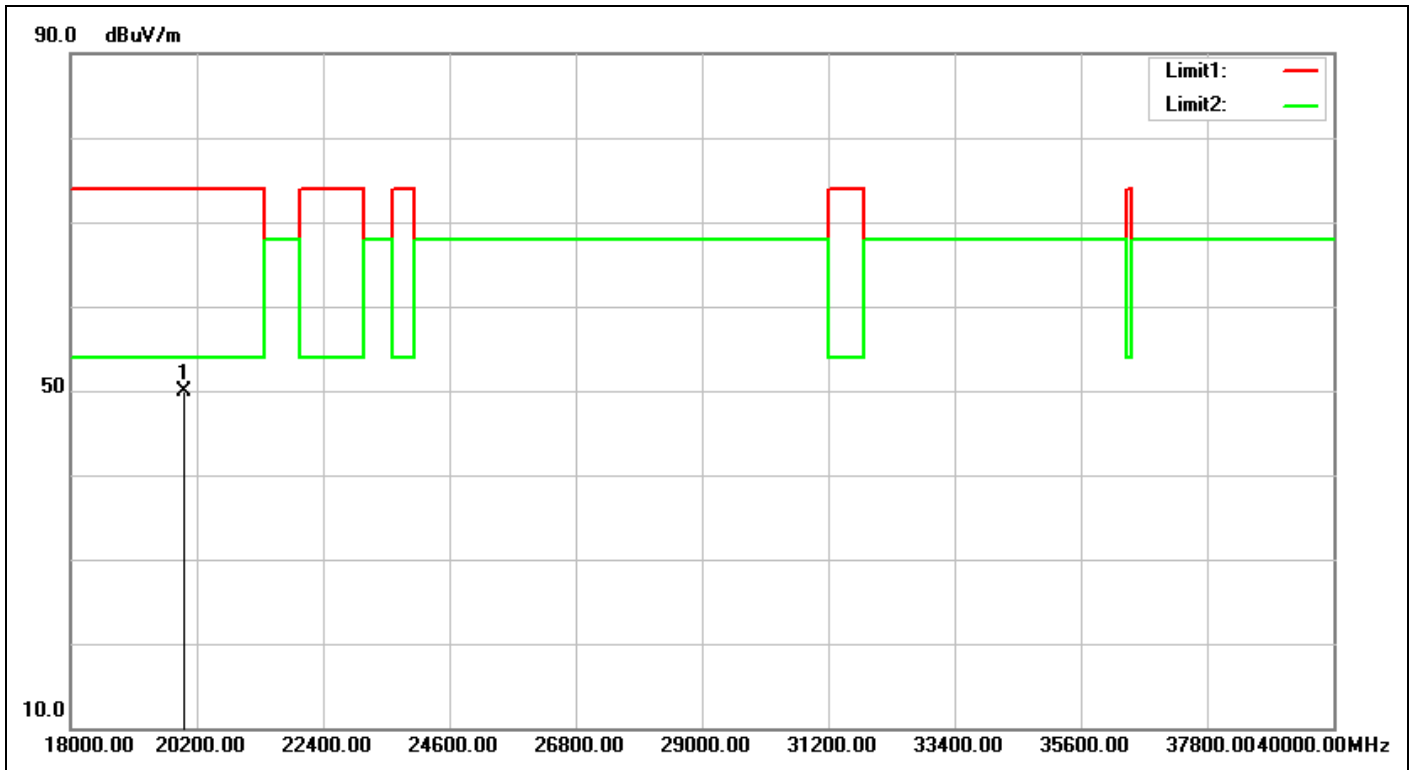
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:47:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5280-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20222.000	31.29	17.62	48.91	74.00	-25.09	peak			



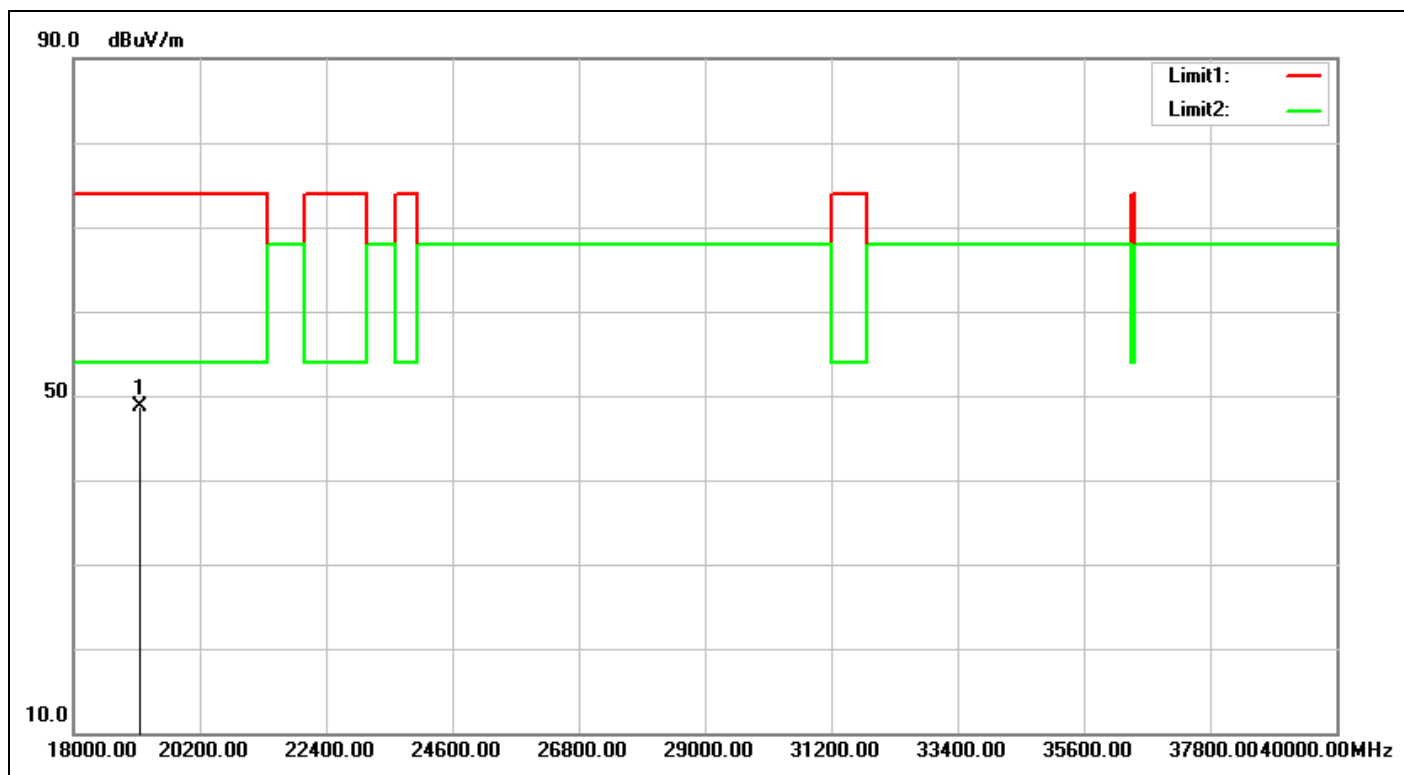
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:48:06
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5280-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19188.000	30.26	18.88	49.14	74.00	-24.86	peak			



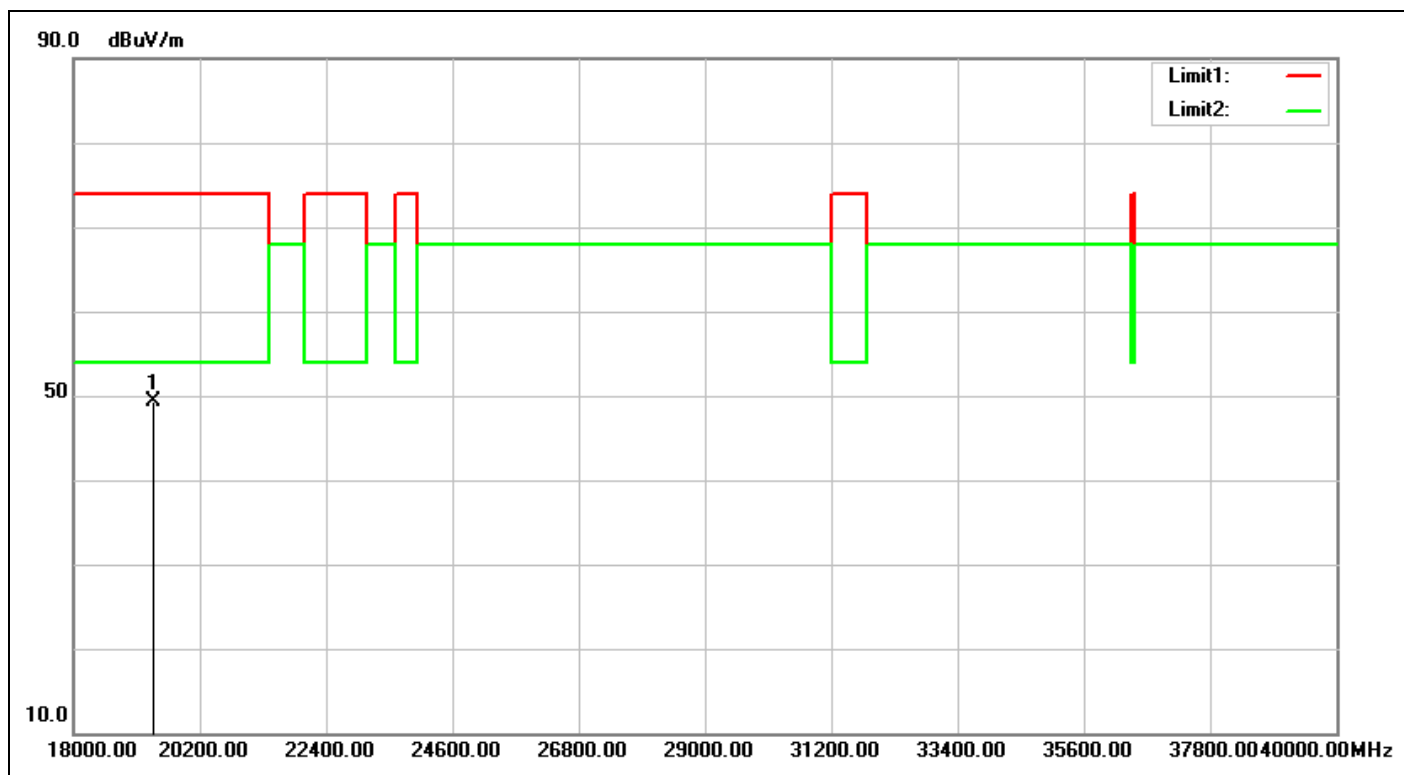
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:48:44
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5300-TX		
Remark:			

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	18.78	49.96	74.00	-24.04	peak			



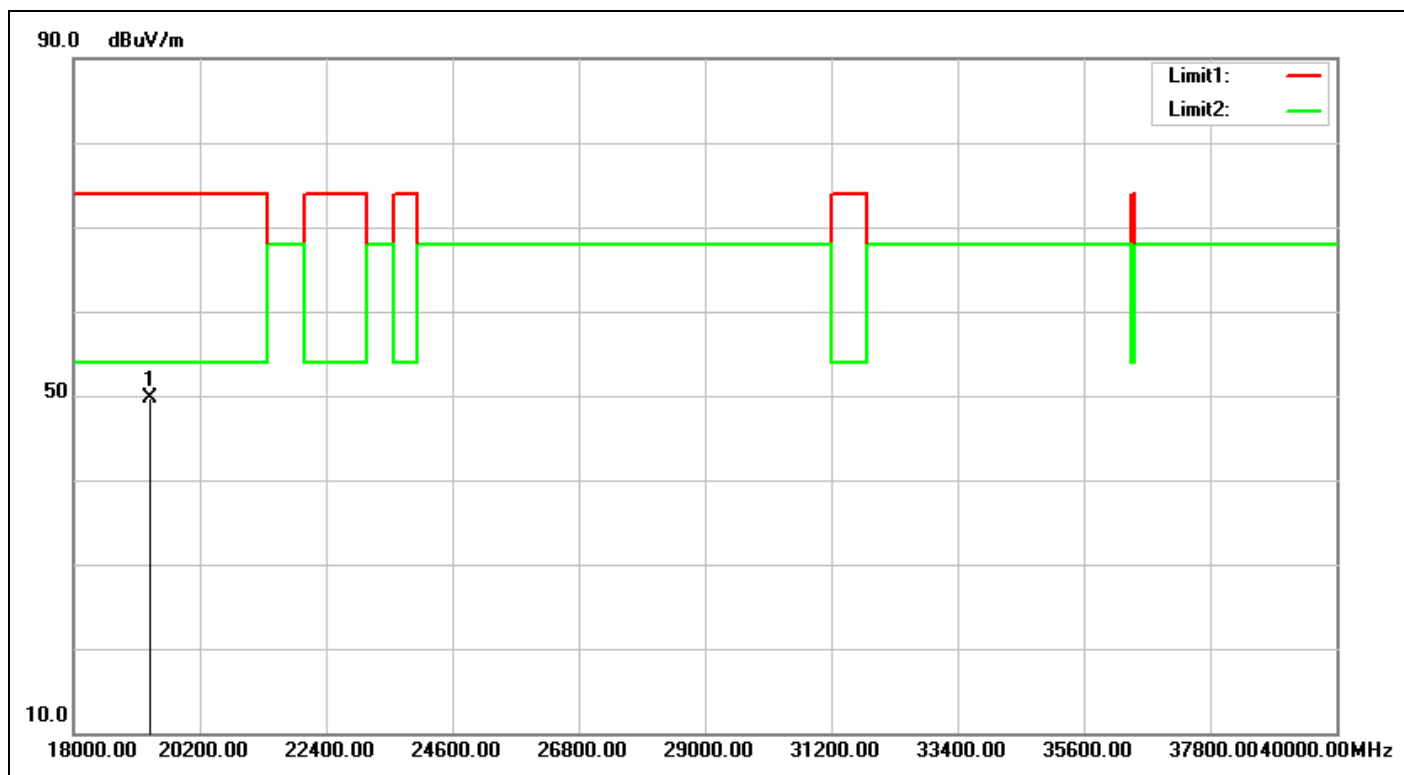
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:48:51
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5300-TX		
Remark:			

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	18.55	48.80	74.00	-25.20	peak			



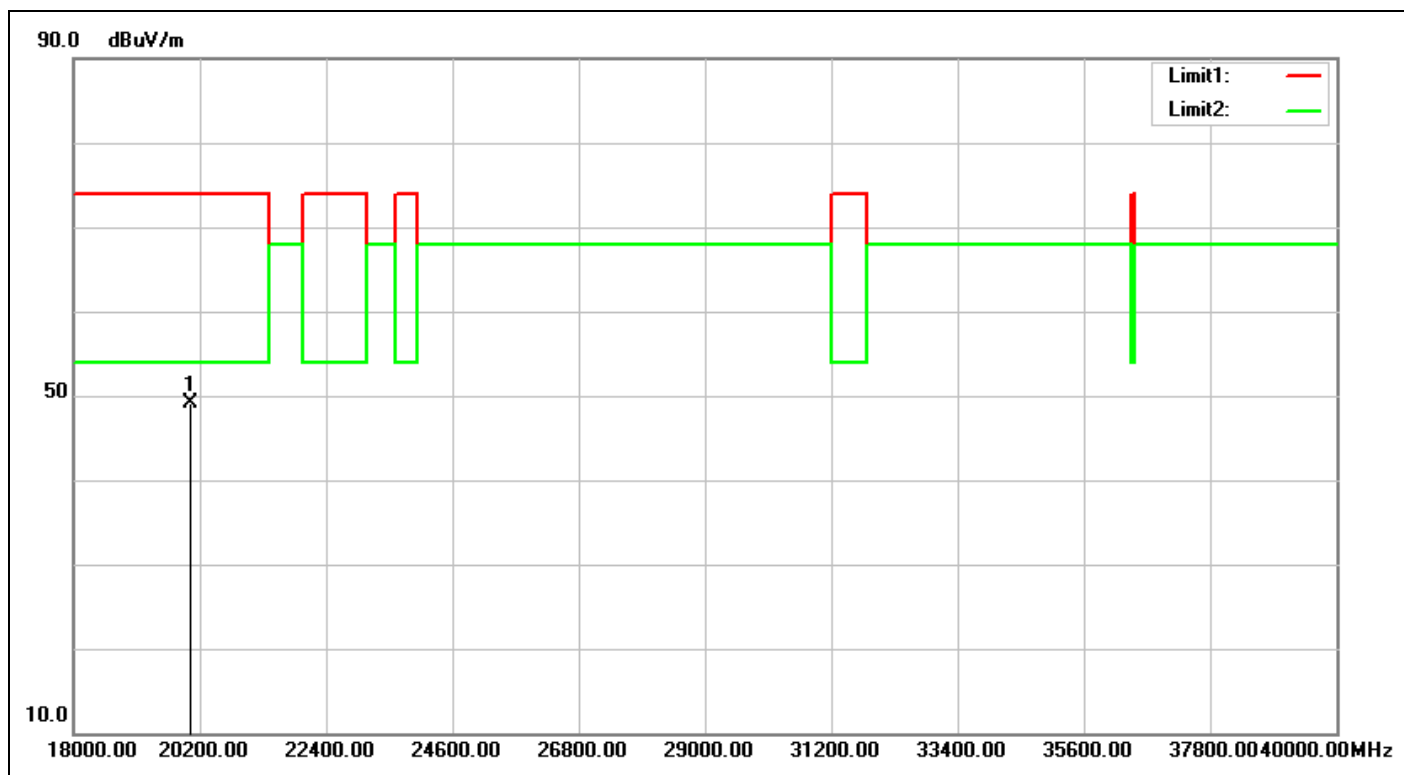
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:49:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5320-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19386.000	30.40	18.83	49.23	74.00	-24.77	peak			



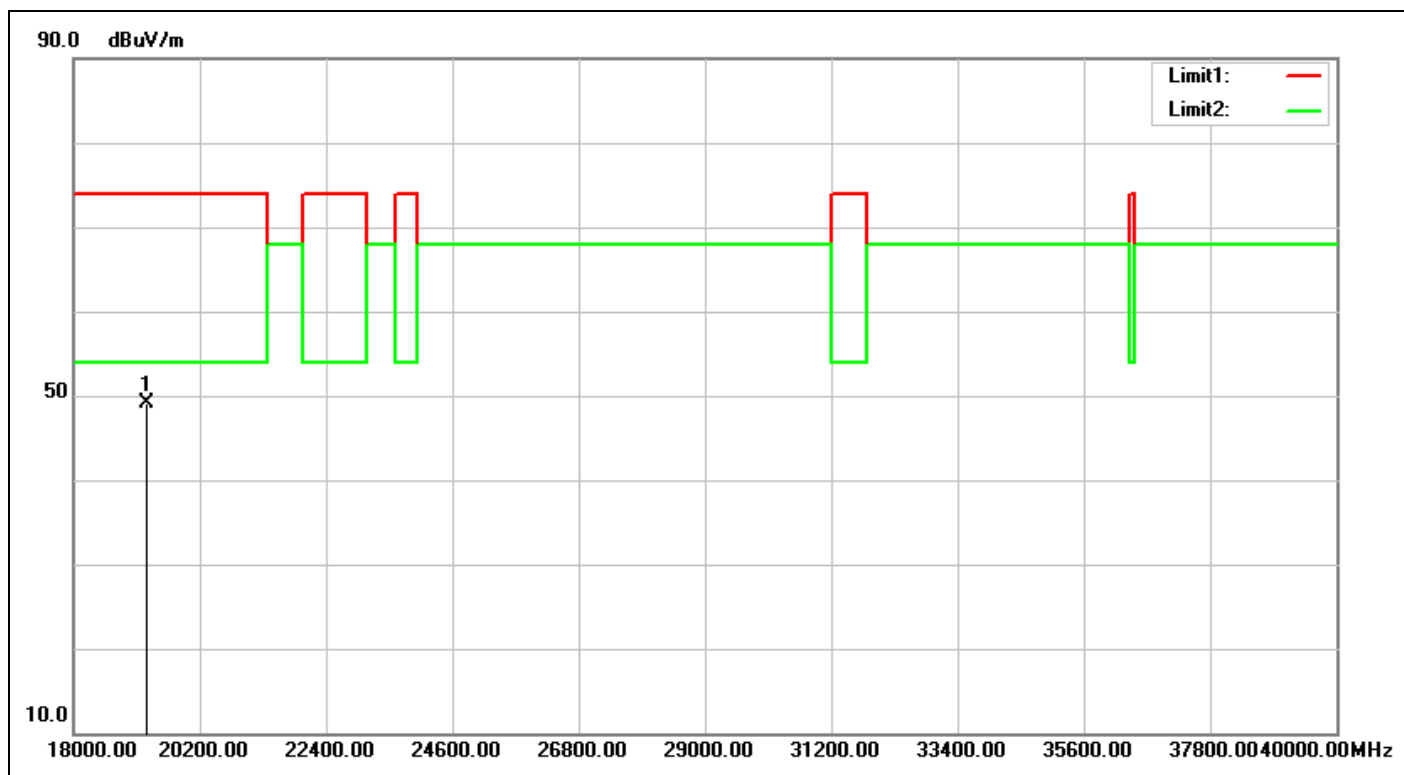
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:49:26
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5320-TX		
Remark:			

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	19.34	49.71	74.00	-24.29	peak			



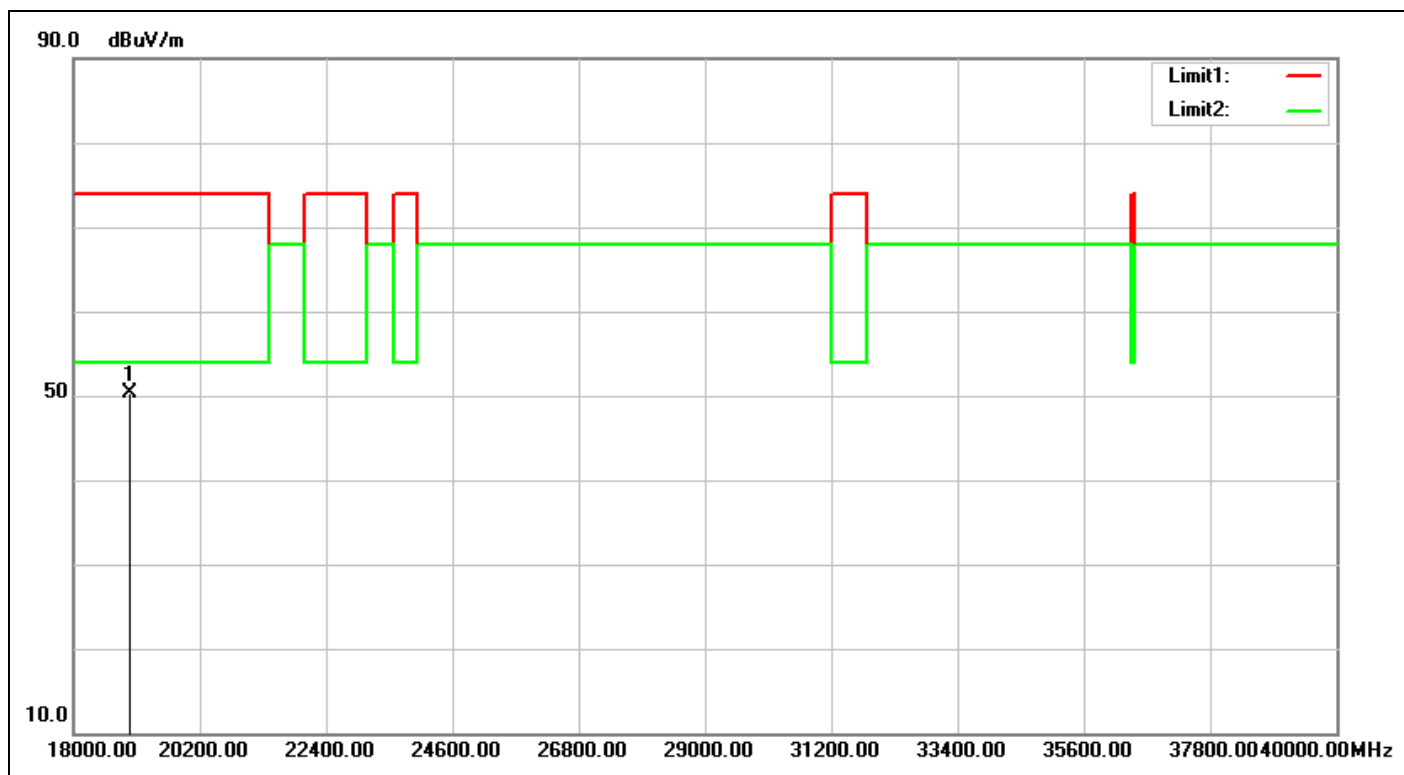
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:49:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5270-TX		
Remark:			

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	17.94	49.16	74.00	-24.84	peak			



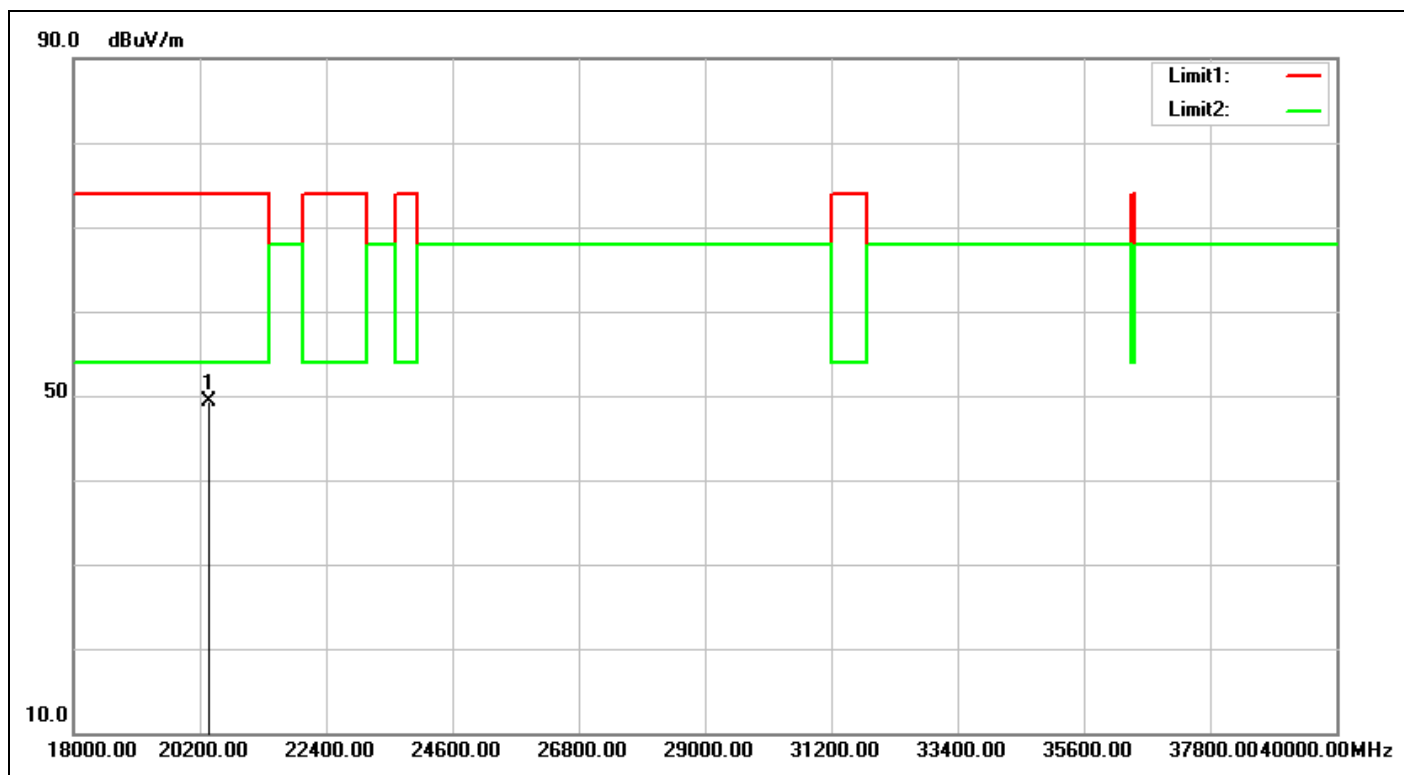
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:50:06
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5270-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19276.000	30.33	18.75	49.08	74.00	-24.92	peak			



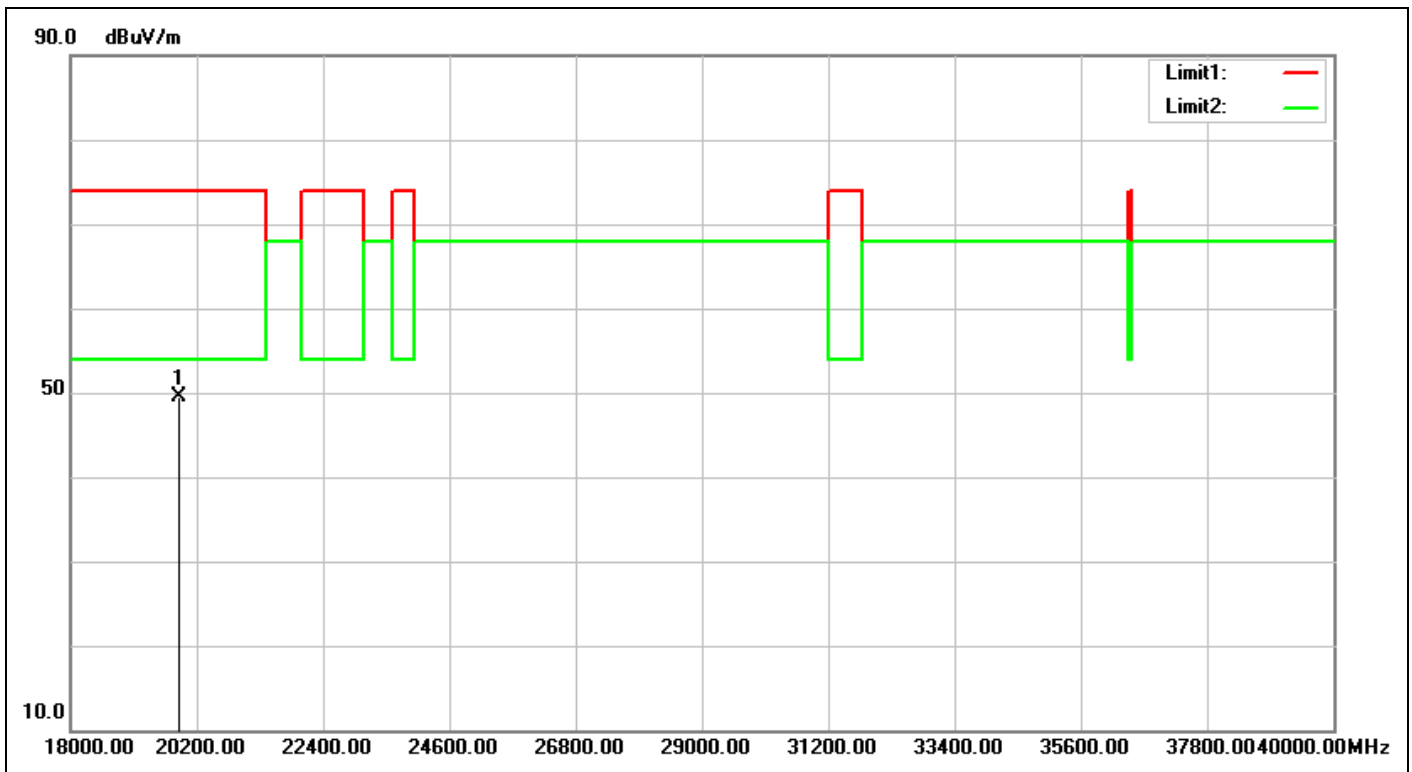
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:50:39
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5310-TX		
Remark:			

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	20.17	50.27	74.00	-23.73	peak			



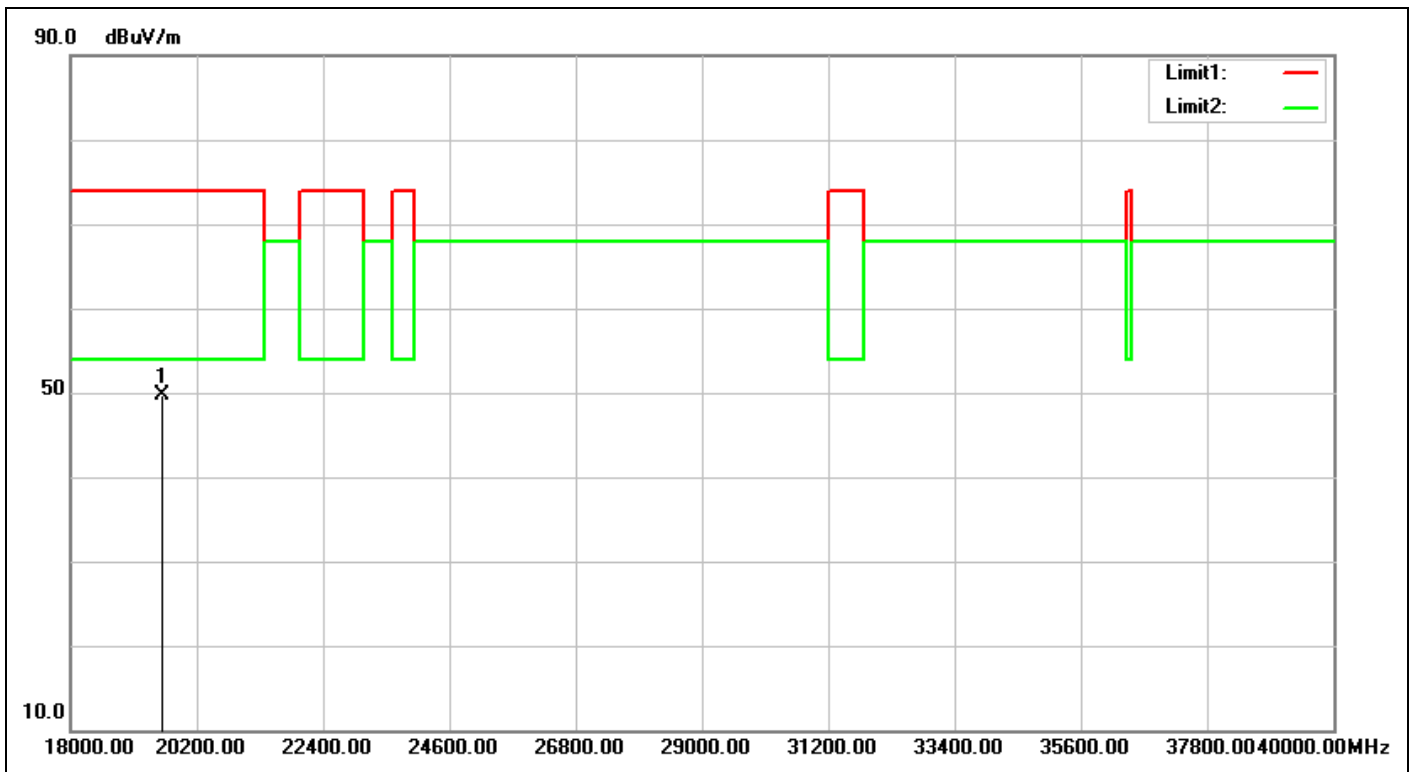
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:50:46
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5310-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20354.000	31.35	17.95	49.30	74.00	-24.70	peak			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:51:15
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5290-TX		
Remark:			

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	18.40	49.45	74.00	-24.55	peak			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:51:22
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5290-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19584.000	30.59	19.03	49.62	74.00	-24.38	peak			

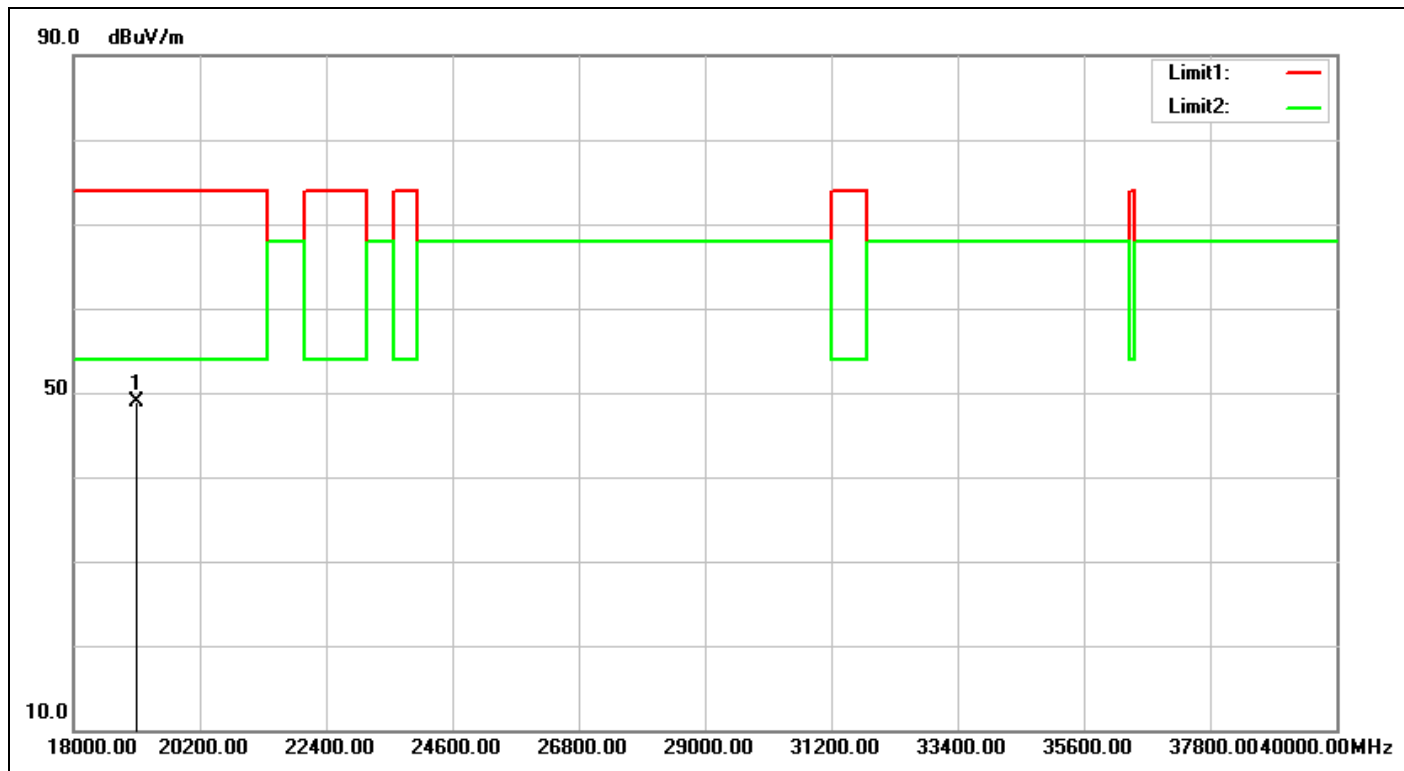
Spurious Emissions, TX Mode, 18-40G, U-NII-2C



TUV Rheinland Taiwan Ltd.

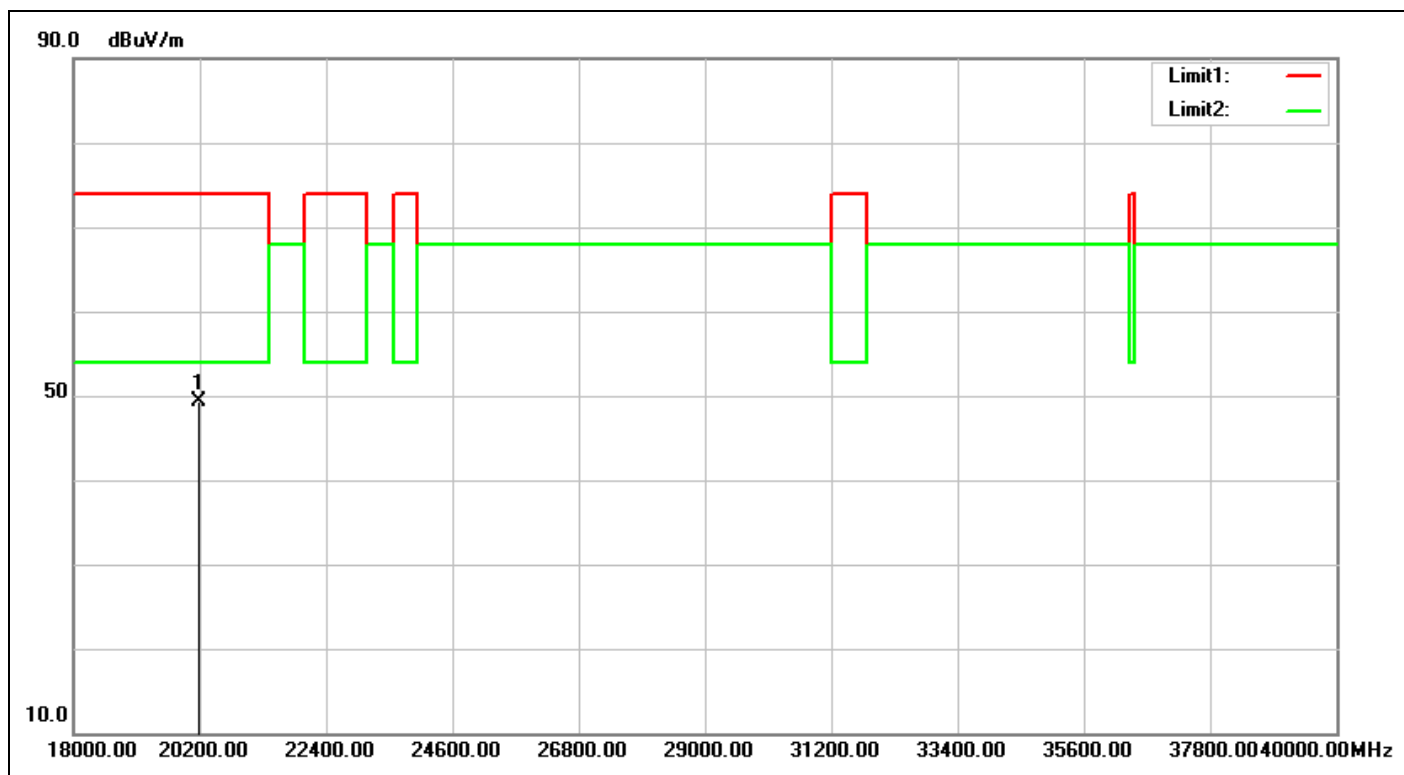
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



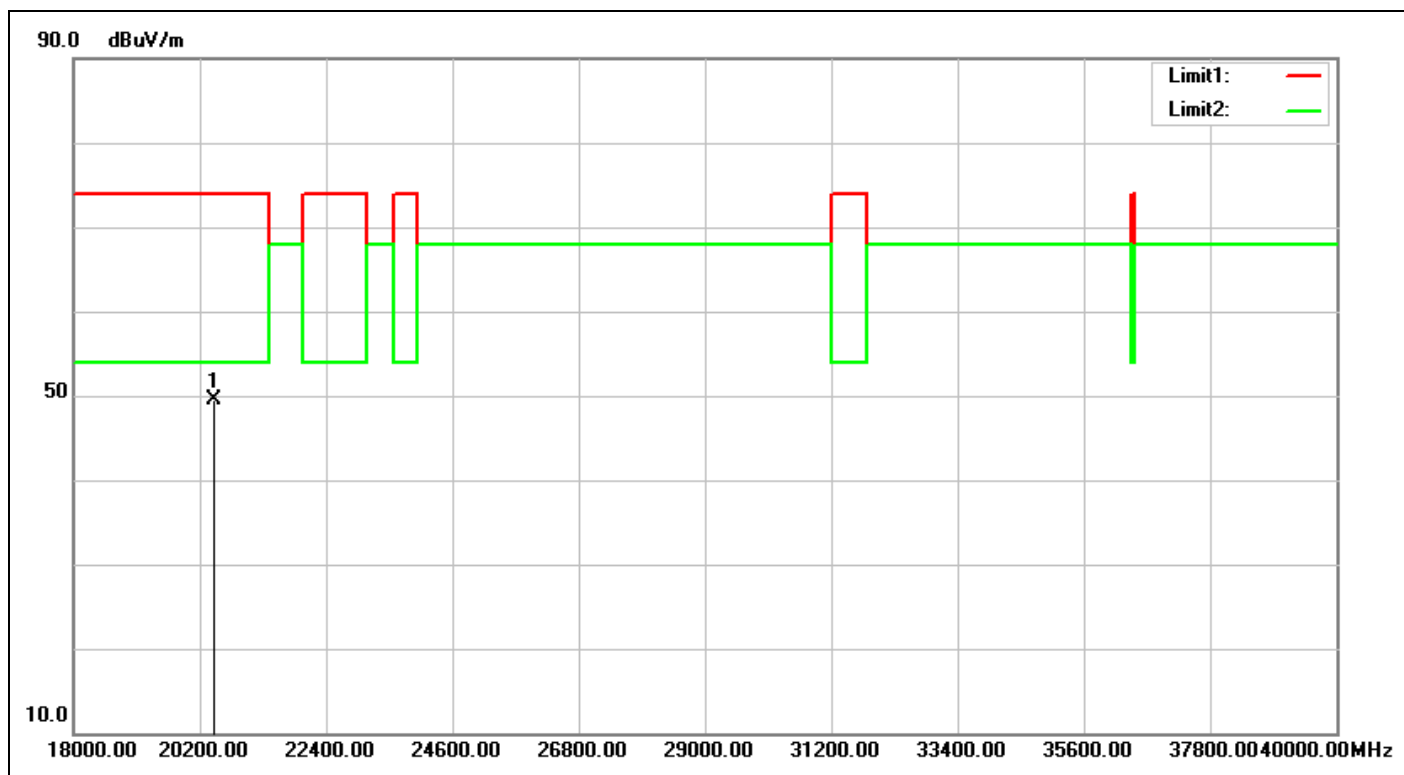
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:56:34
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5500-TX		
Remark:			

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	18.64	48.85	74.00	-25.15	peak		0	



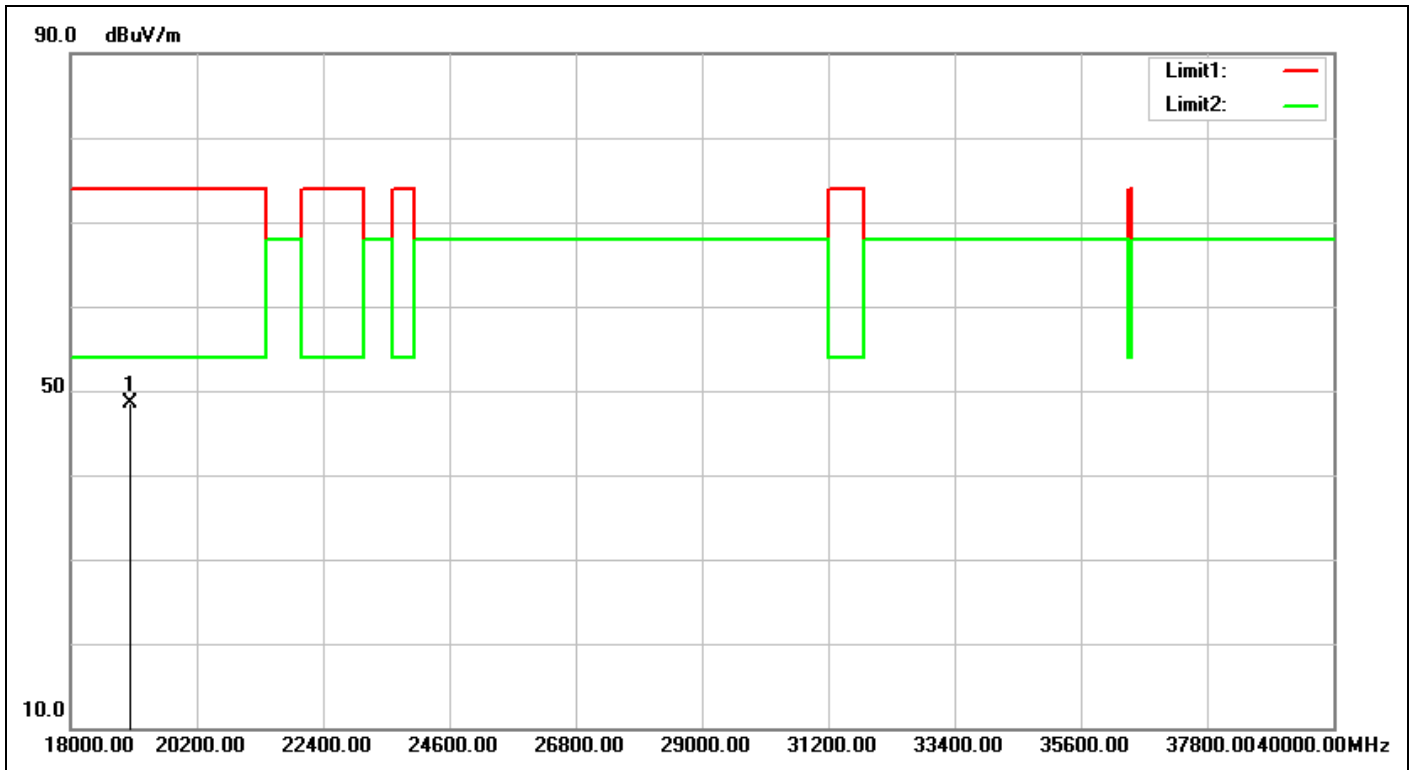
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:56:41
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5500-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20178.000	31.28	18.04	49.32	74.00	-24.68	peak			



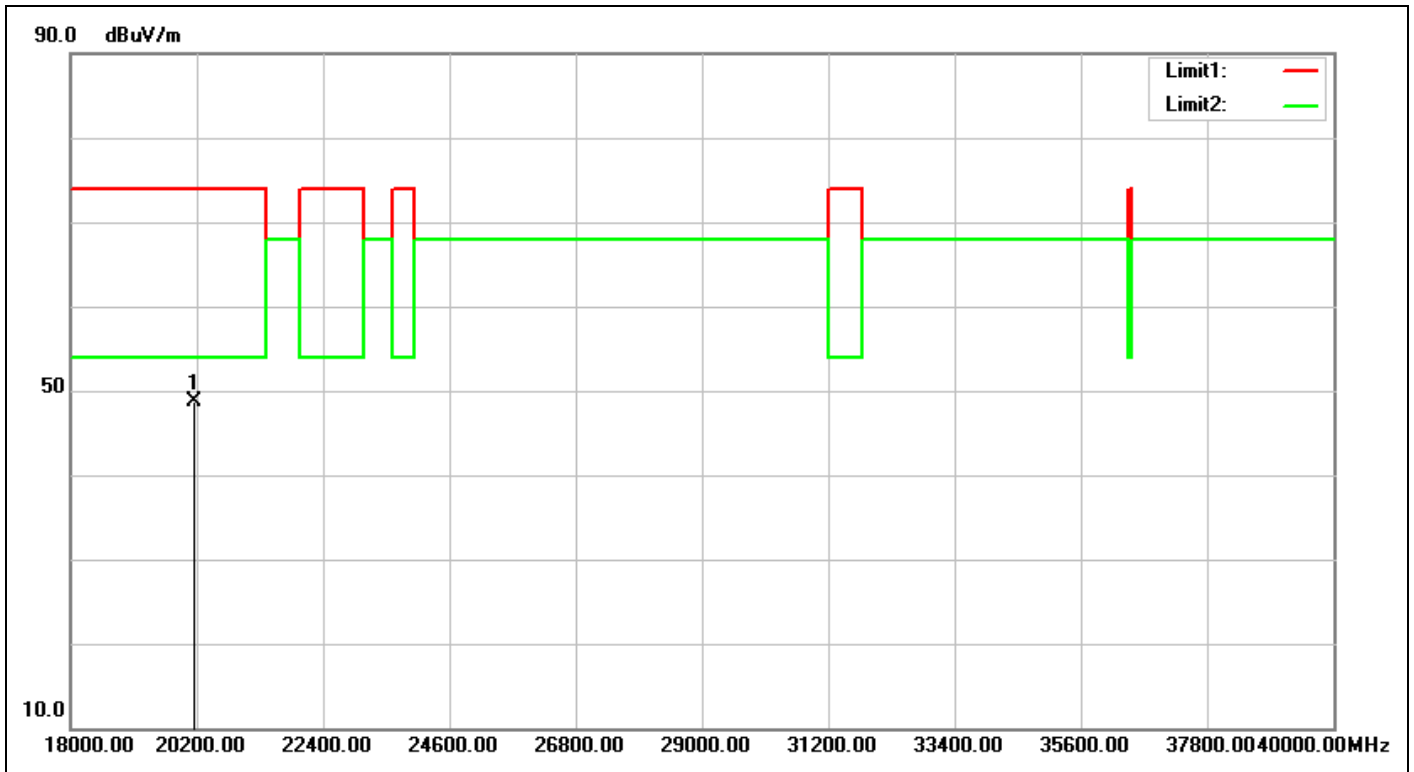
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:57:04
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5560-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20442.000	31.38	18.19	49.57	74.00	-24.43	peak			



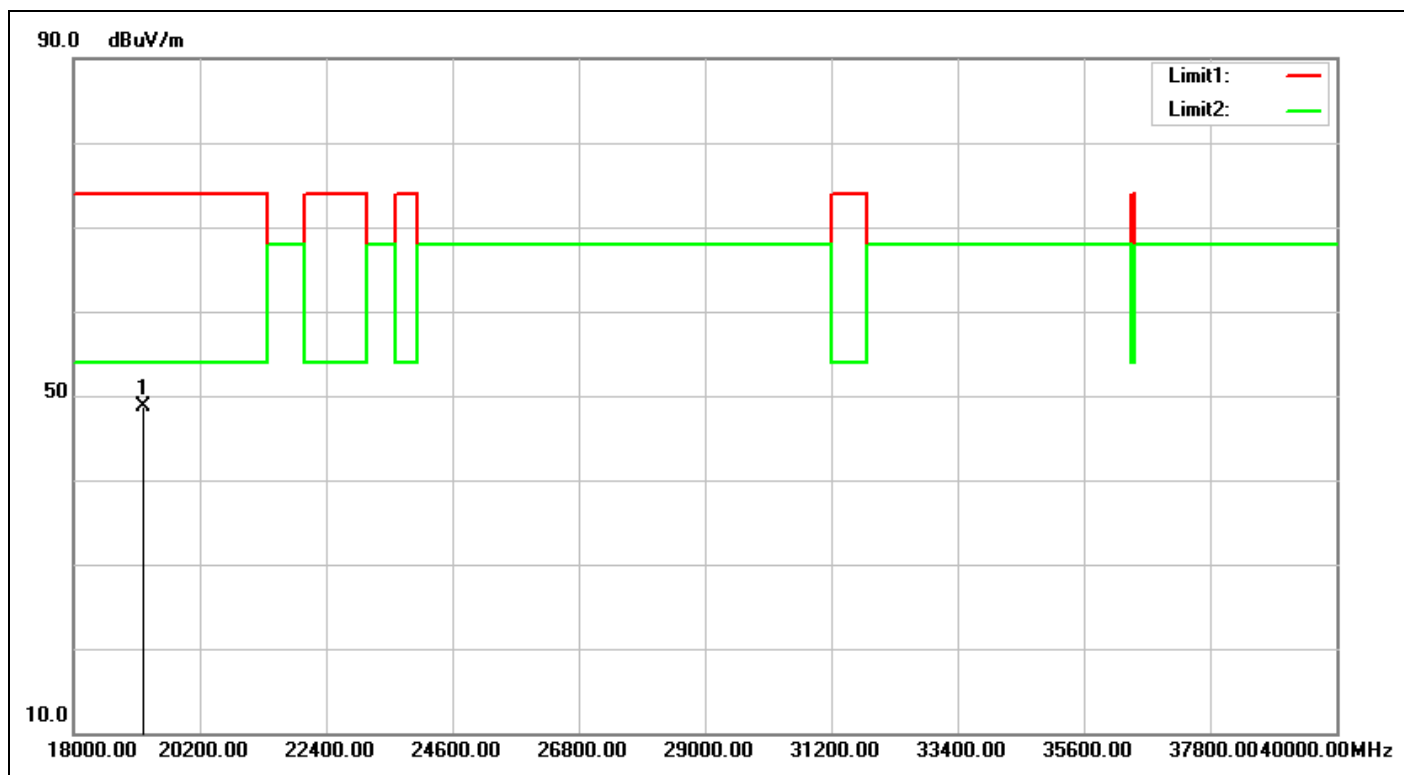
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:57:11
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5560-TX		
Remark:			

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	18.32	48.49	74.00	-25.51	peak			



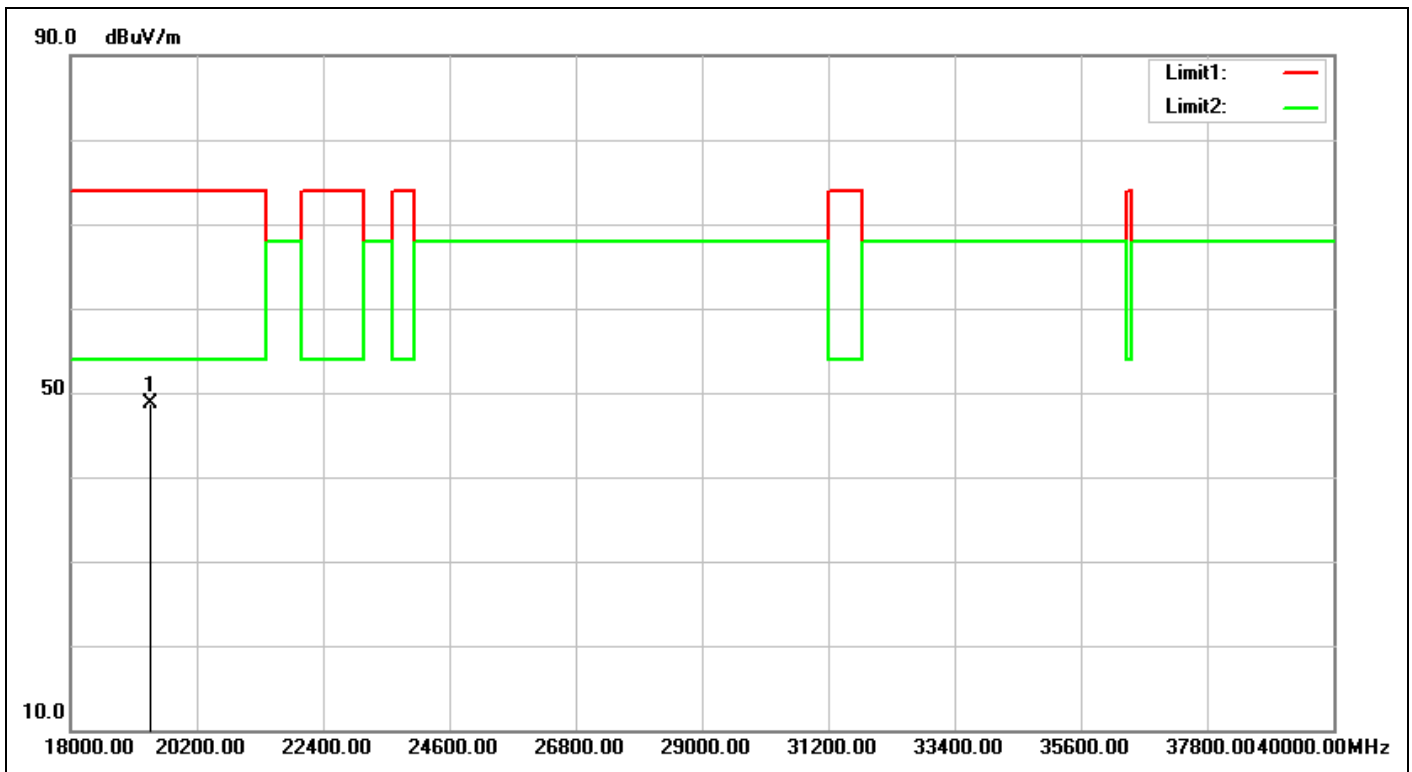
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:57:41
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5700-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20156.000	31.27	17.45	48.72	74.00	-25.28	peak			



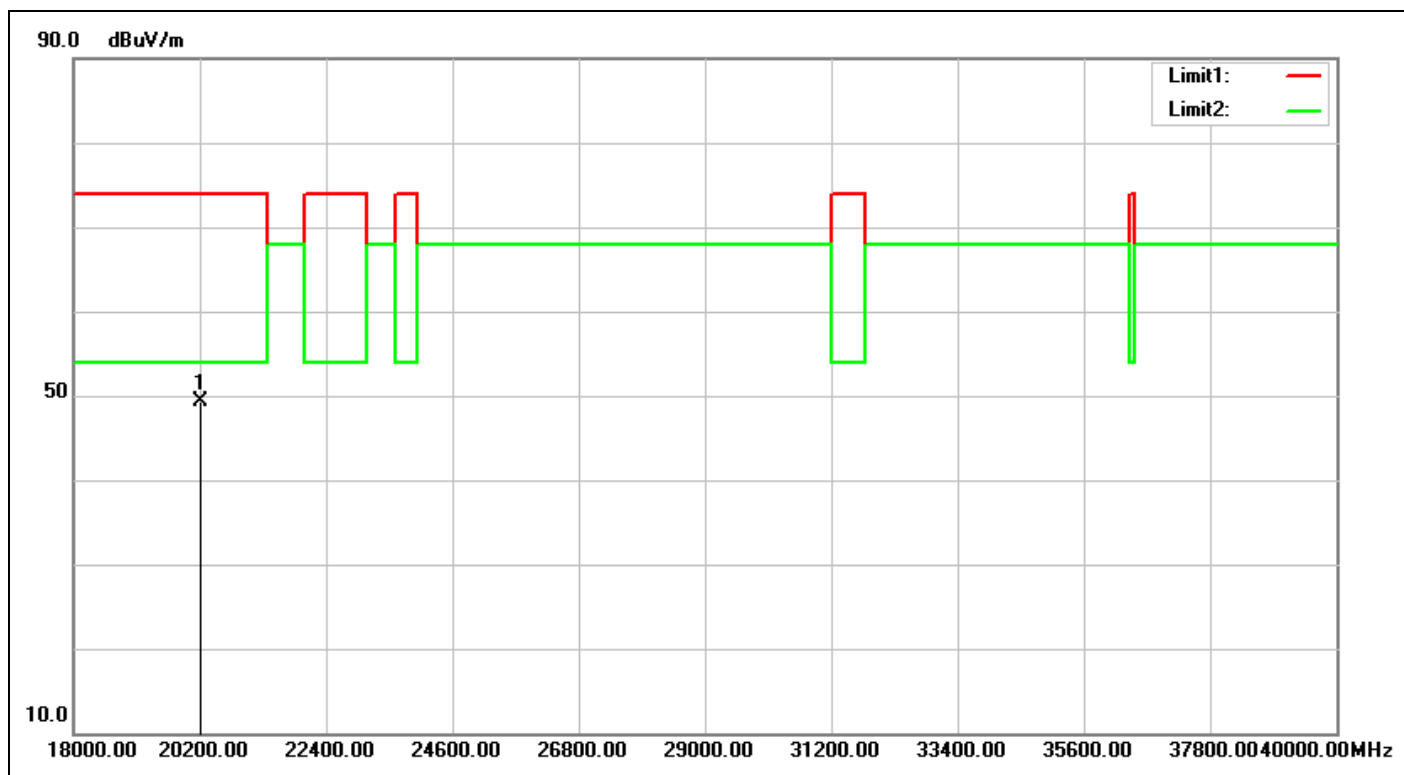
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:57:48
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5700-TX		
Remark:			

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	18.35	48.63	74.00	-25.37	peak			



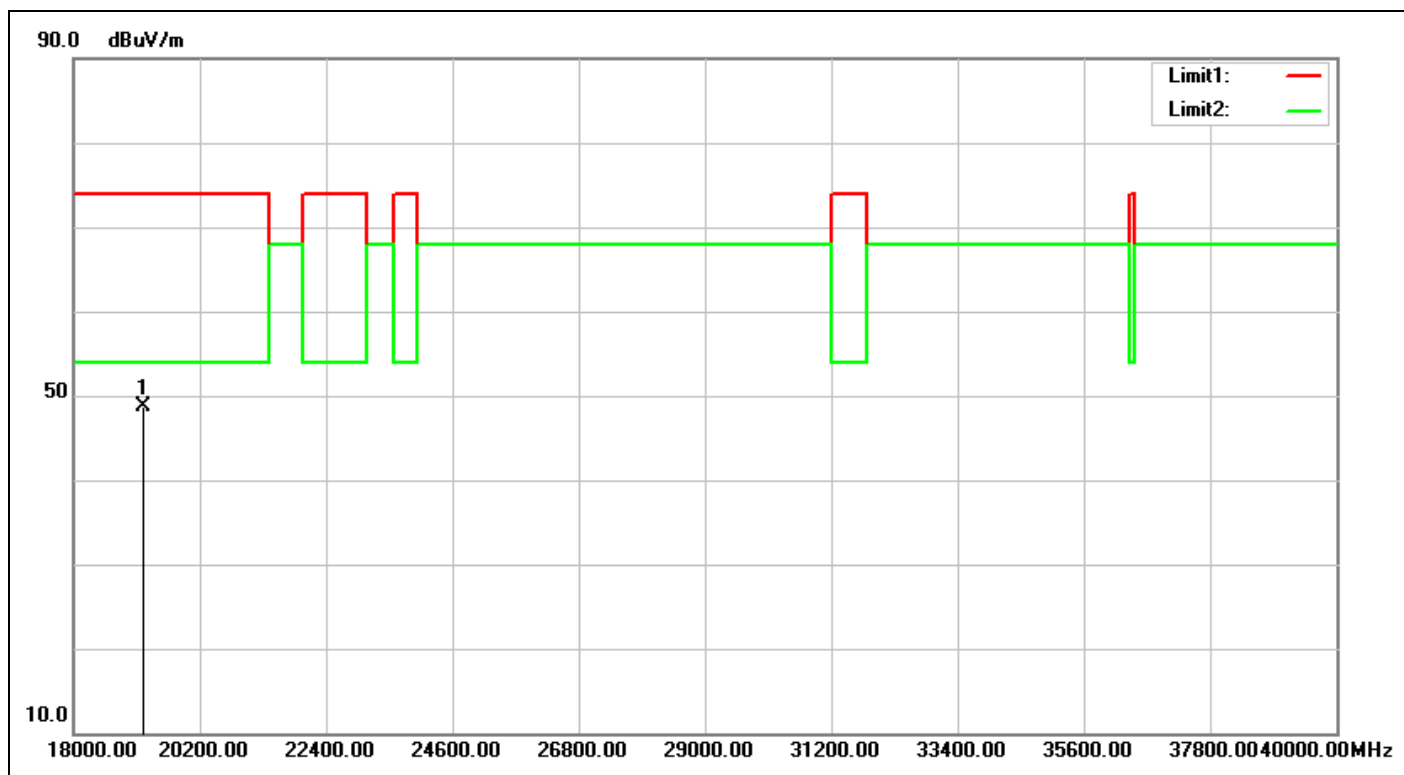
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:58:16
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5500-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19386.000	30.40	18.32	48.72	74.00	-25.28	peak			



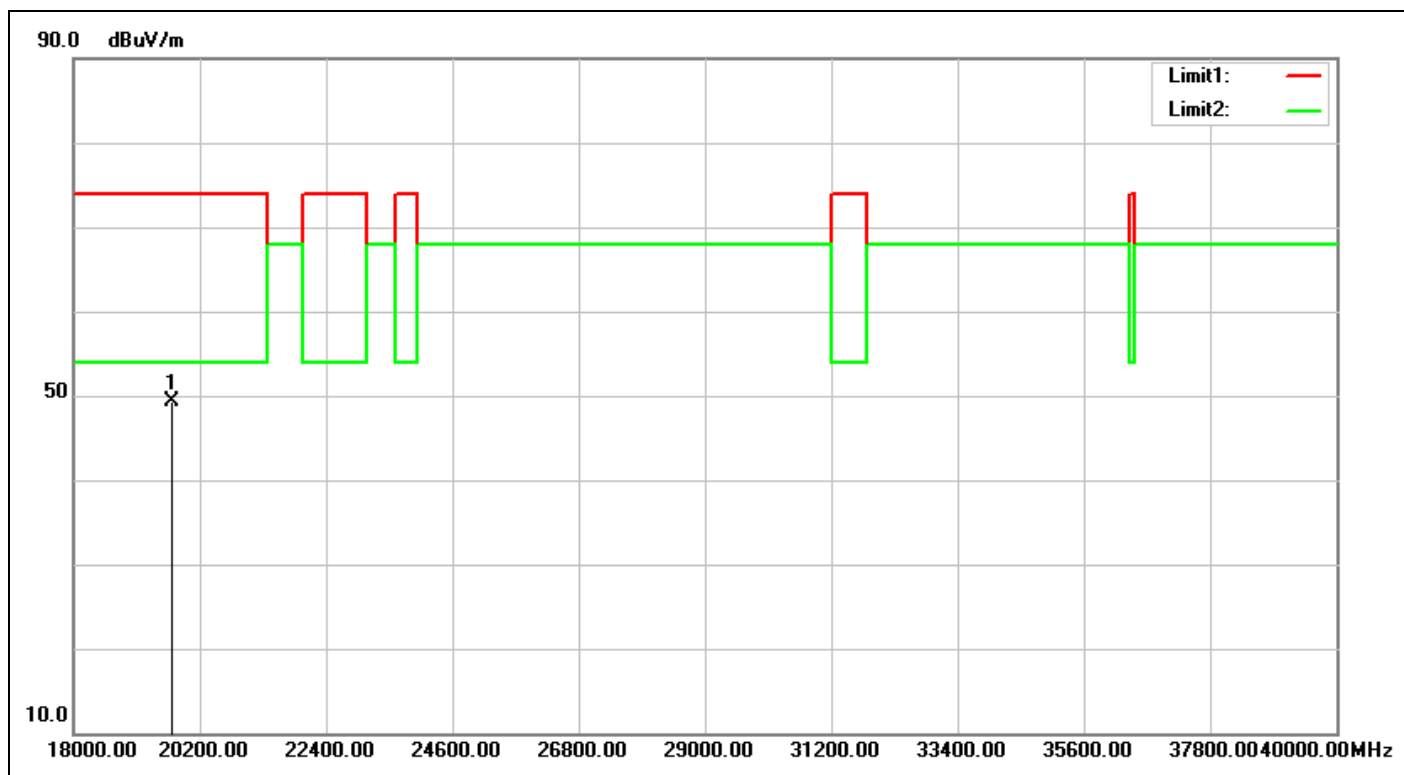
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:58:23
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5500-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20222.000	31.29	17.99	49.28	74.00	-24.72	peak			



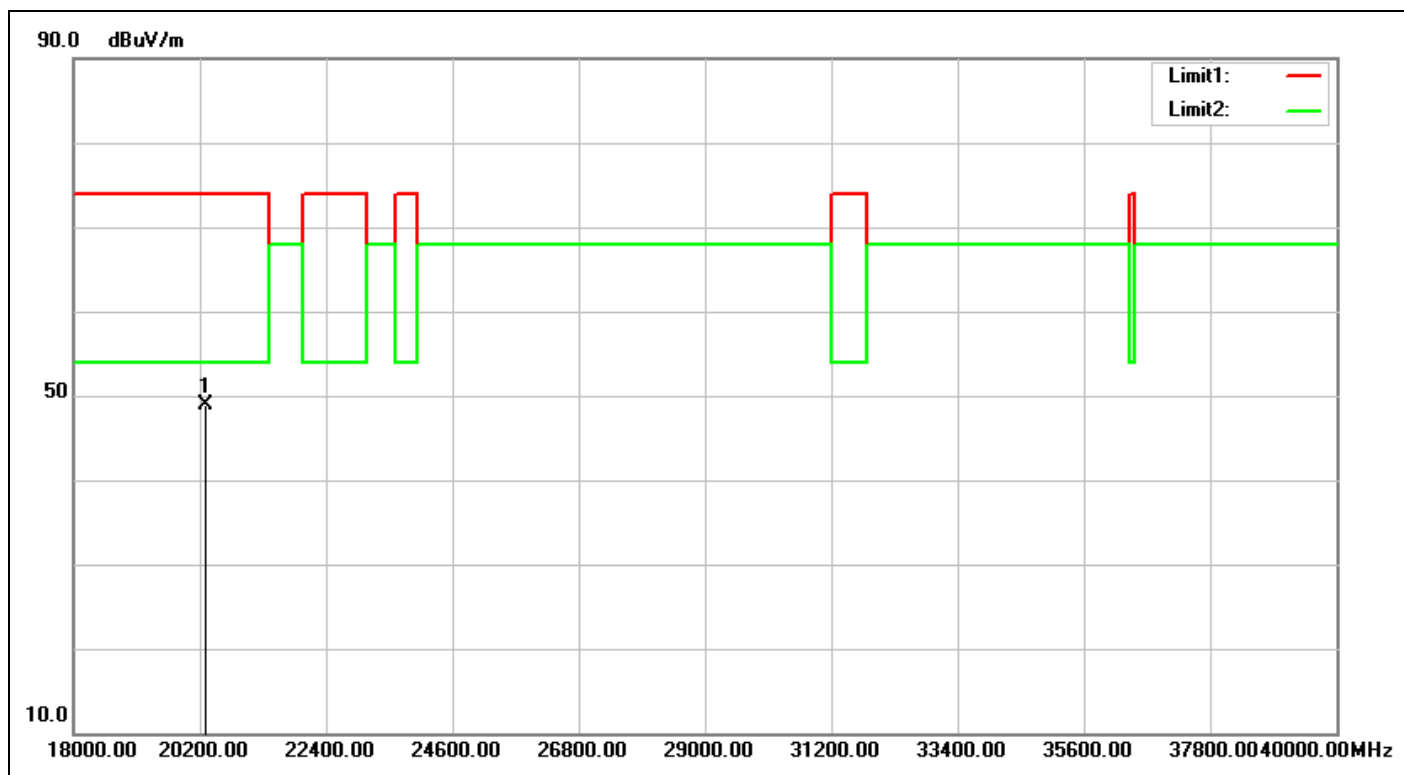
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:58:53
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5560-TX		
Remark:			

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	18.40	48.68	74.00	-25.32	peak			



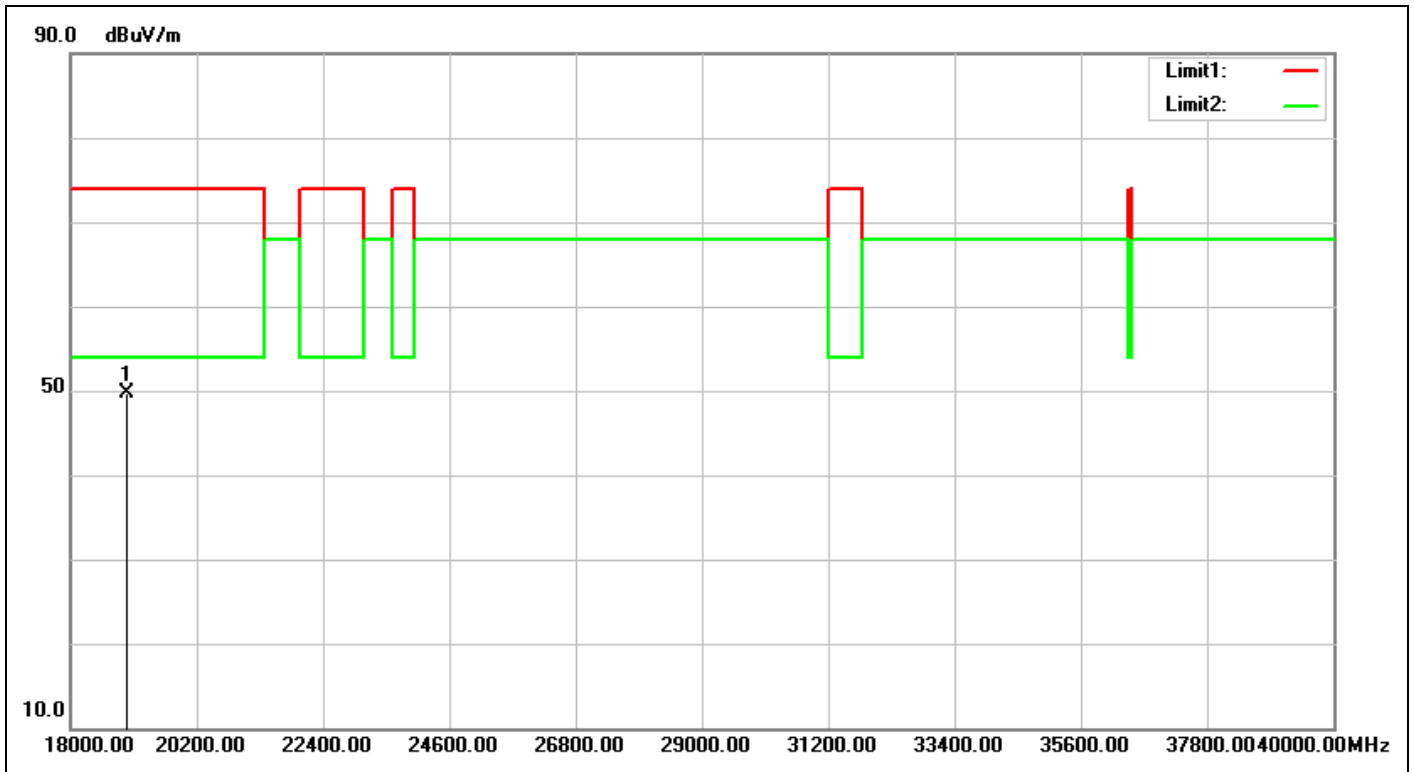
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:59:00
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5560-TX		
Remark:			

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	18.42	49.22	74.00	-24.78	peak			



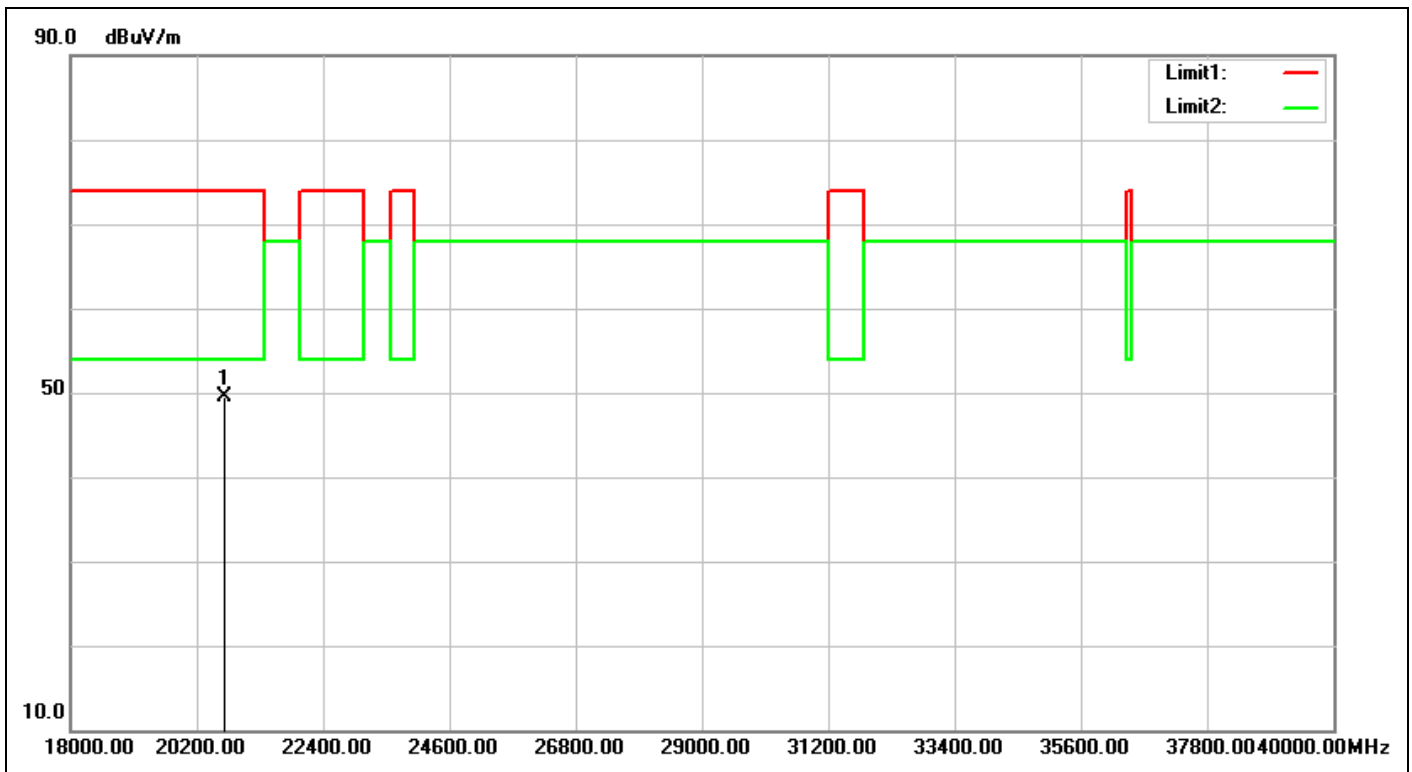
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:59:24
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5700-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20288.000	31.32	17.62	48.94	74.00	-25.06	peak			



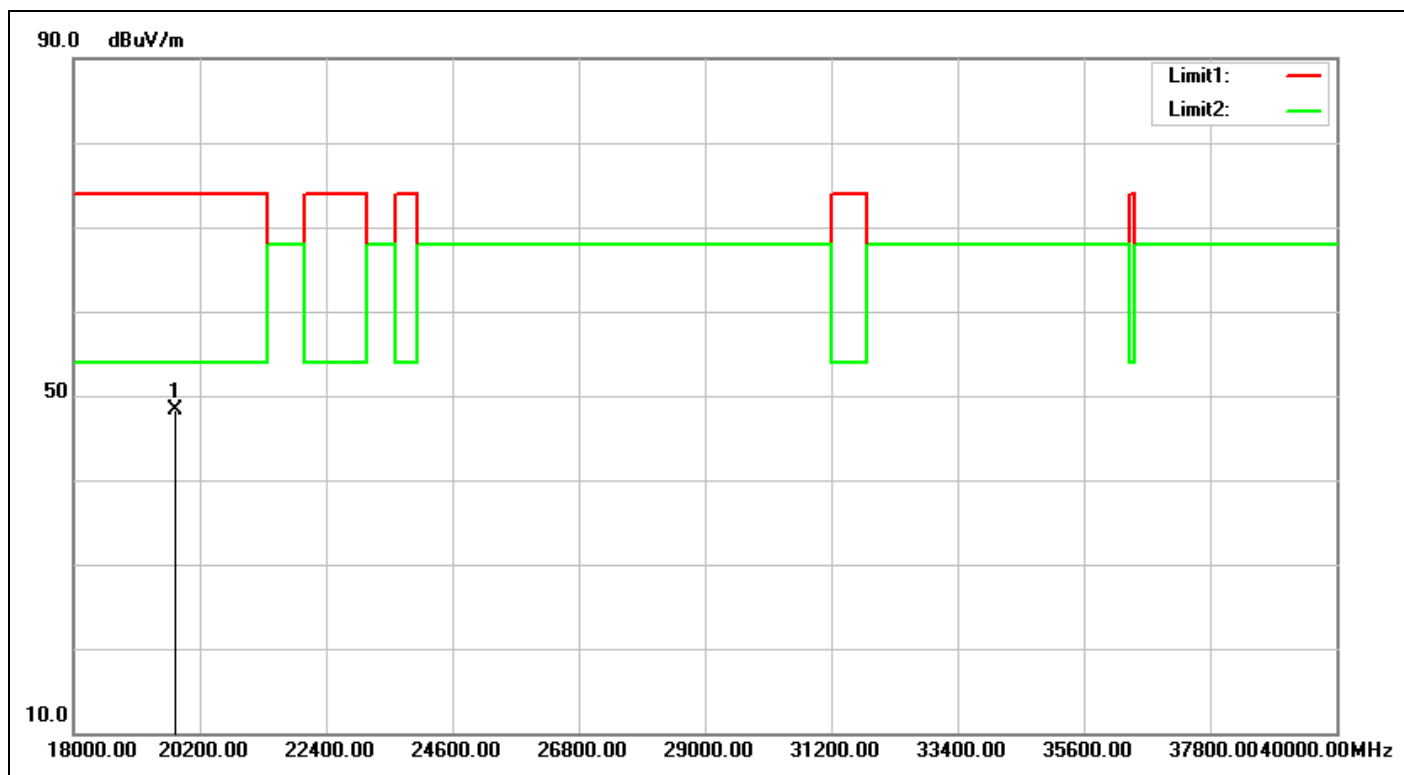
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:59:31
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5700-TX		
Remark:			

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	19.62	49.72	74.00	-24.28	peak			



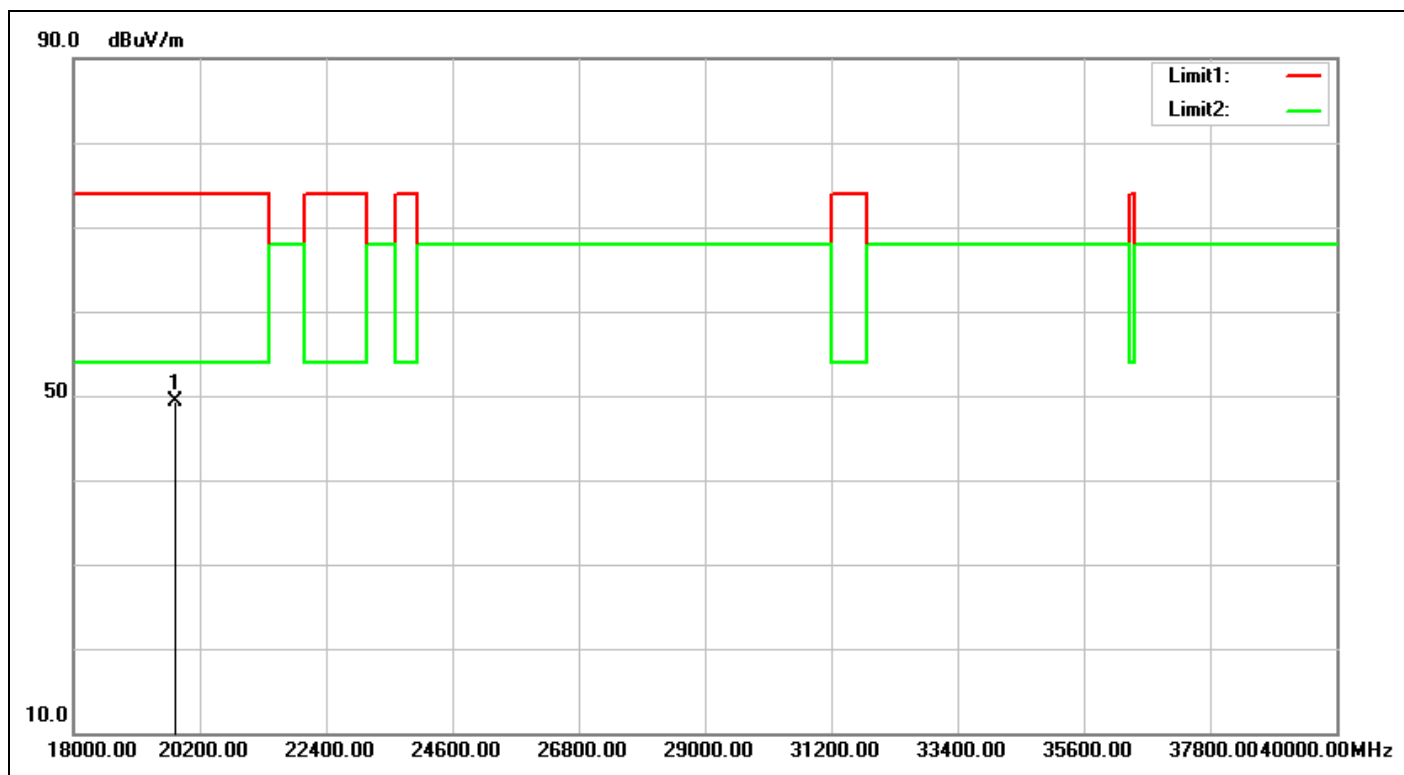
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:00:02
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5510-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20684.000	31.78	17.74	49.52	74.00	-24.48	peak			



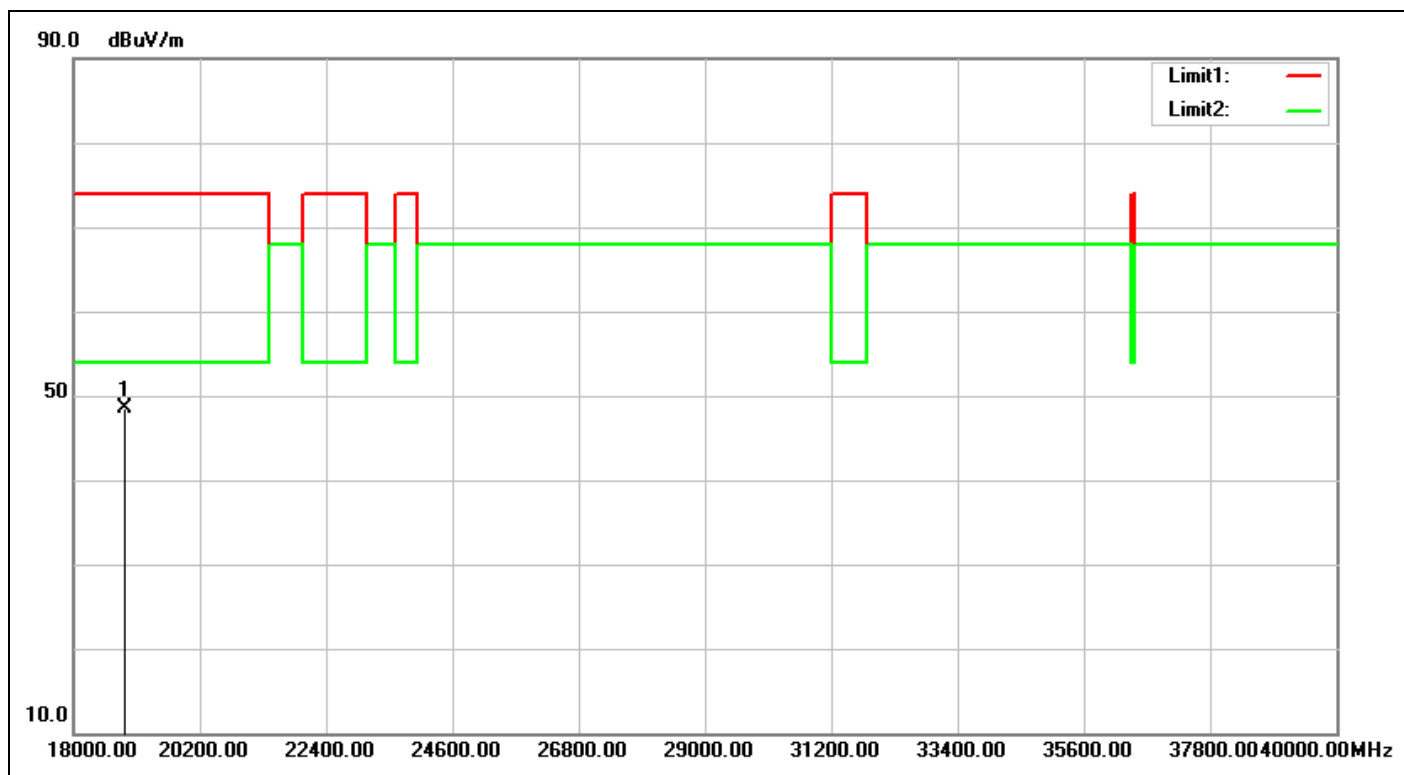
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:00:09
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5510-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19760.000	30.85	17.51	48.36	74.00	-25.64	peak			



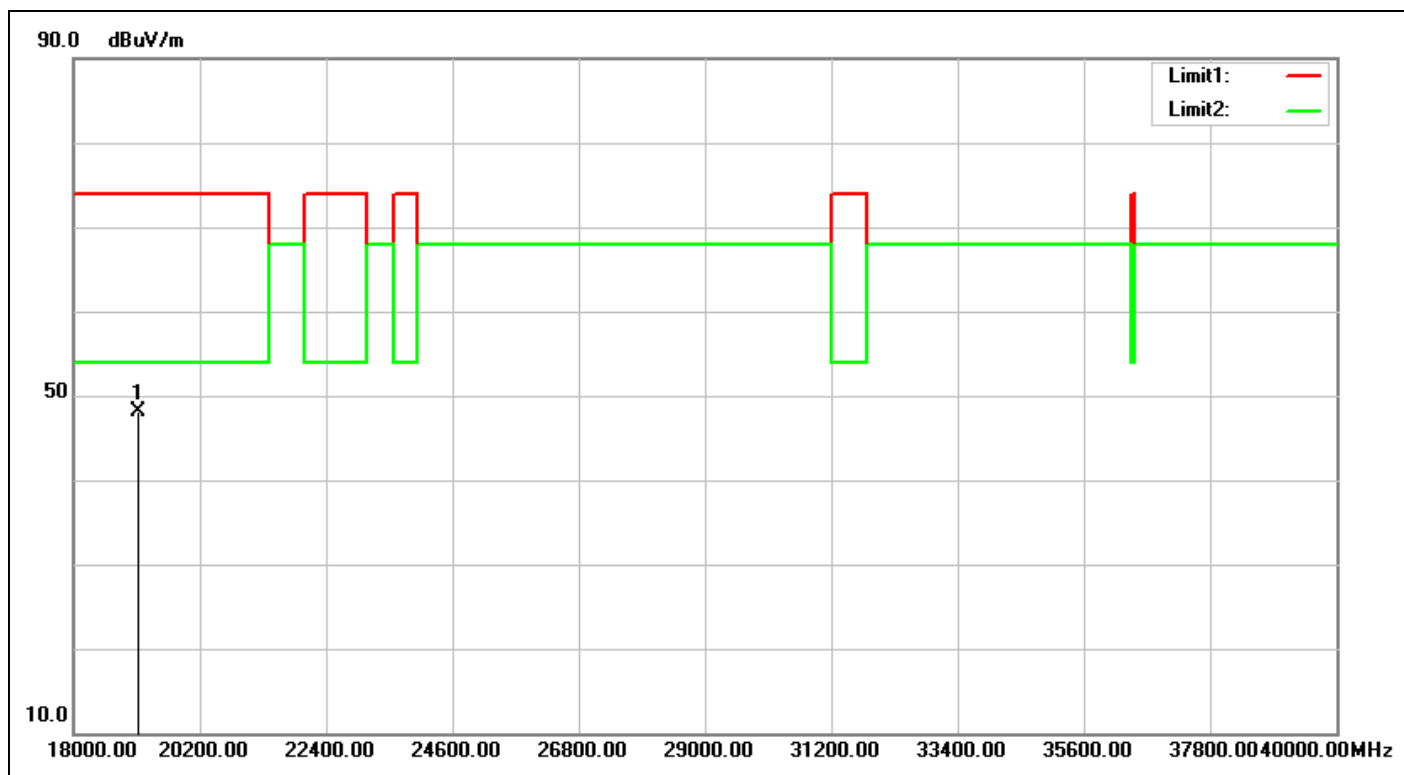
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:00:40
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5590-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19760.000	30.85	18.42	49.27	74.00	-24.73	peak			



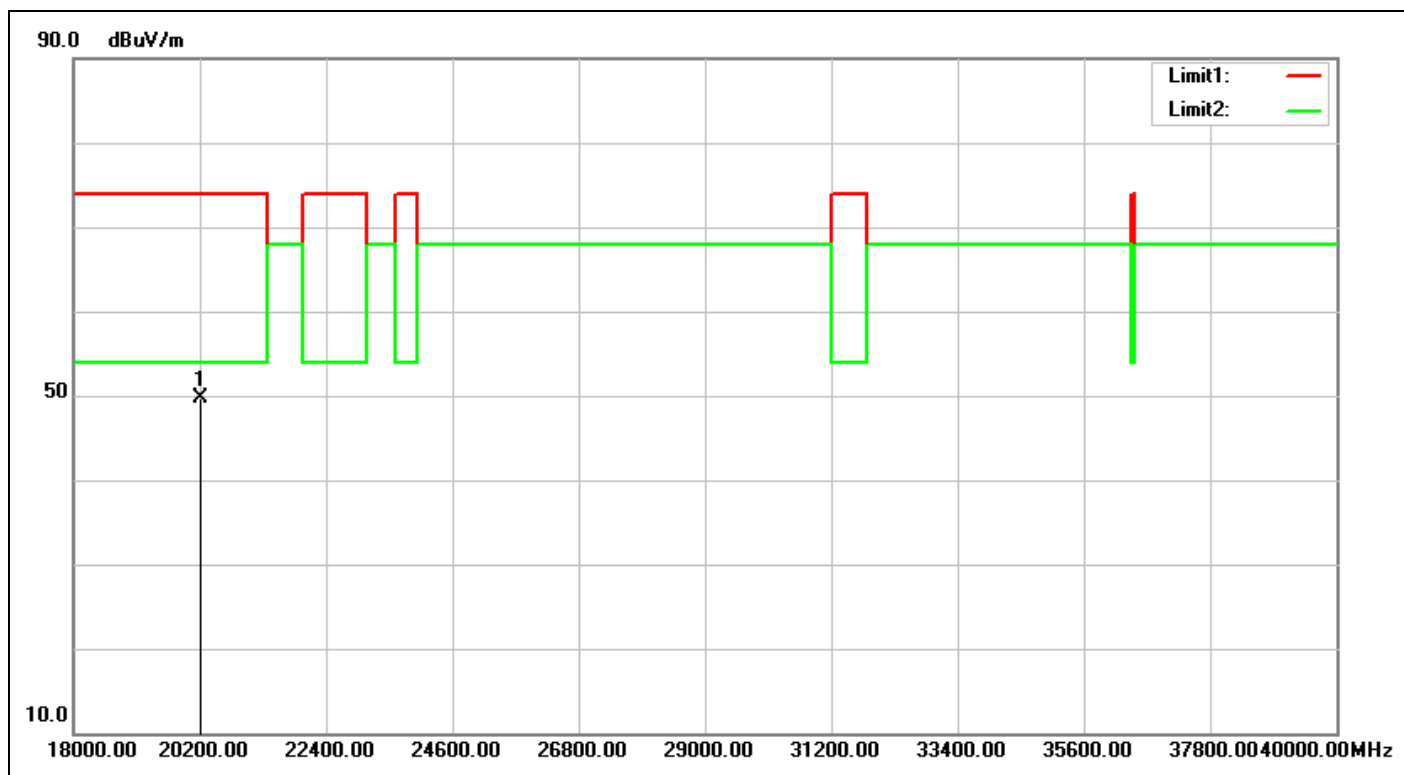
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:00:47
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5590-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18902.000	29.82	18.76	48.58	74.00	-25.42	peak			



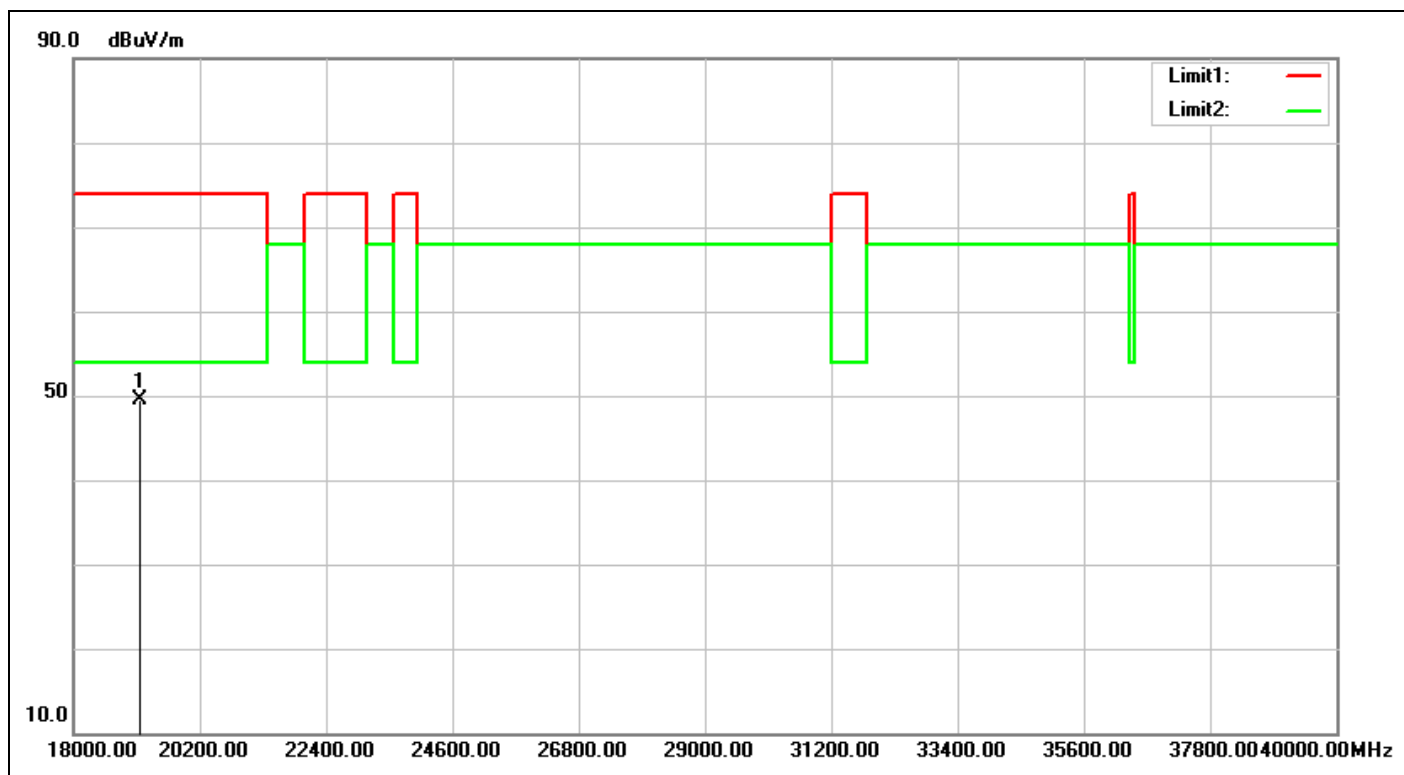
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:01:15
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5670-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19122.000	30.22	17.92	48.14	74.00	-25.86	peak			



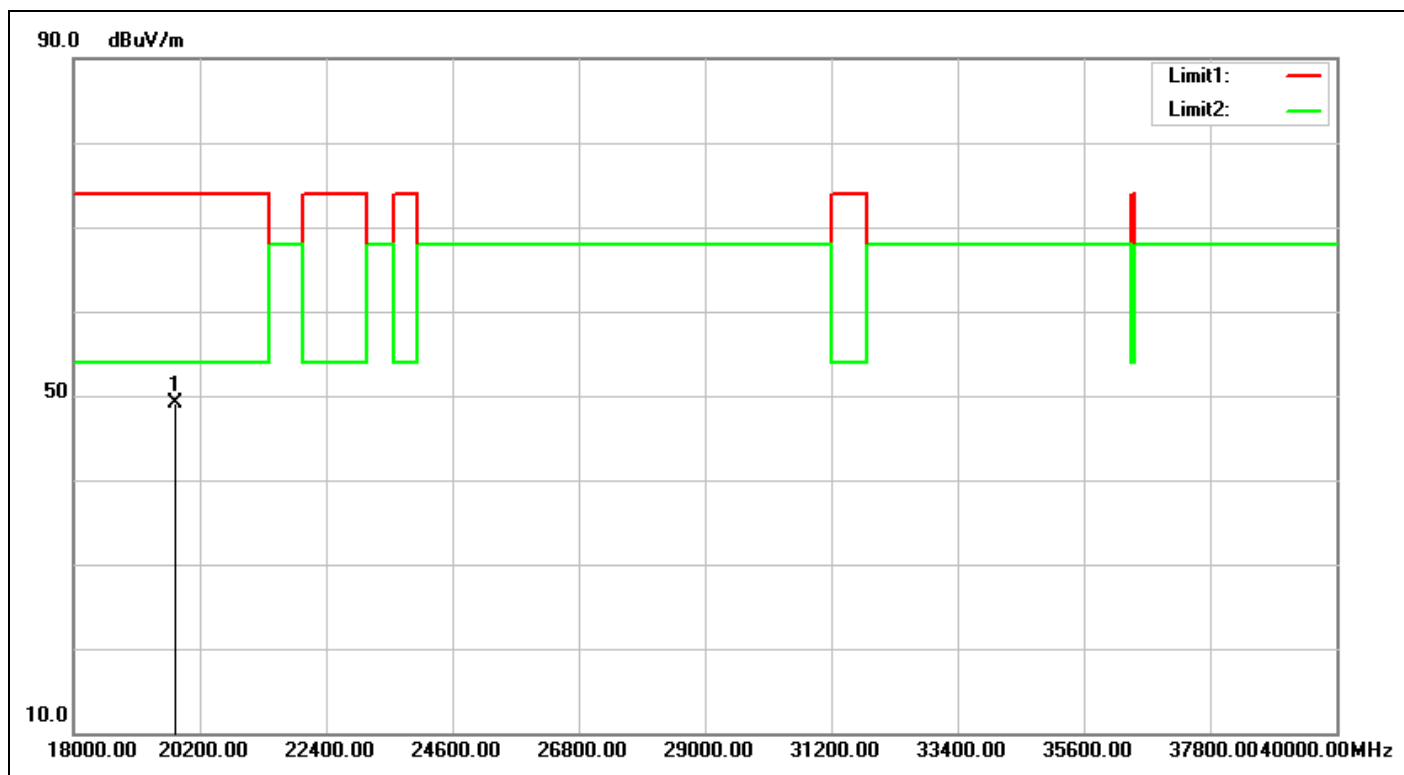
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:01:22
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5670-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20222.000	31.29	18.51	49.80	74.00	-24.20	peak			



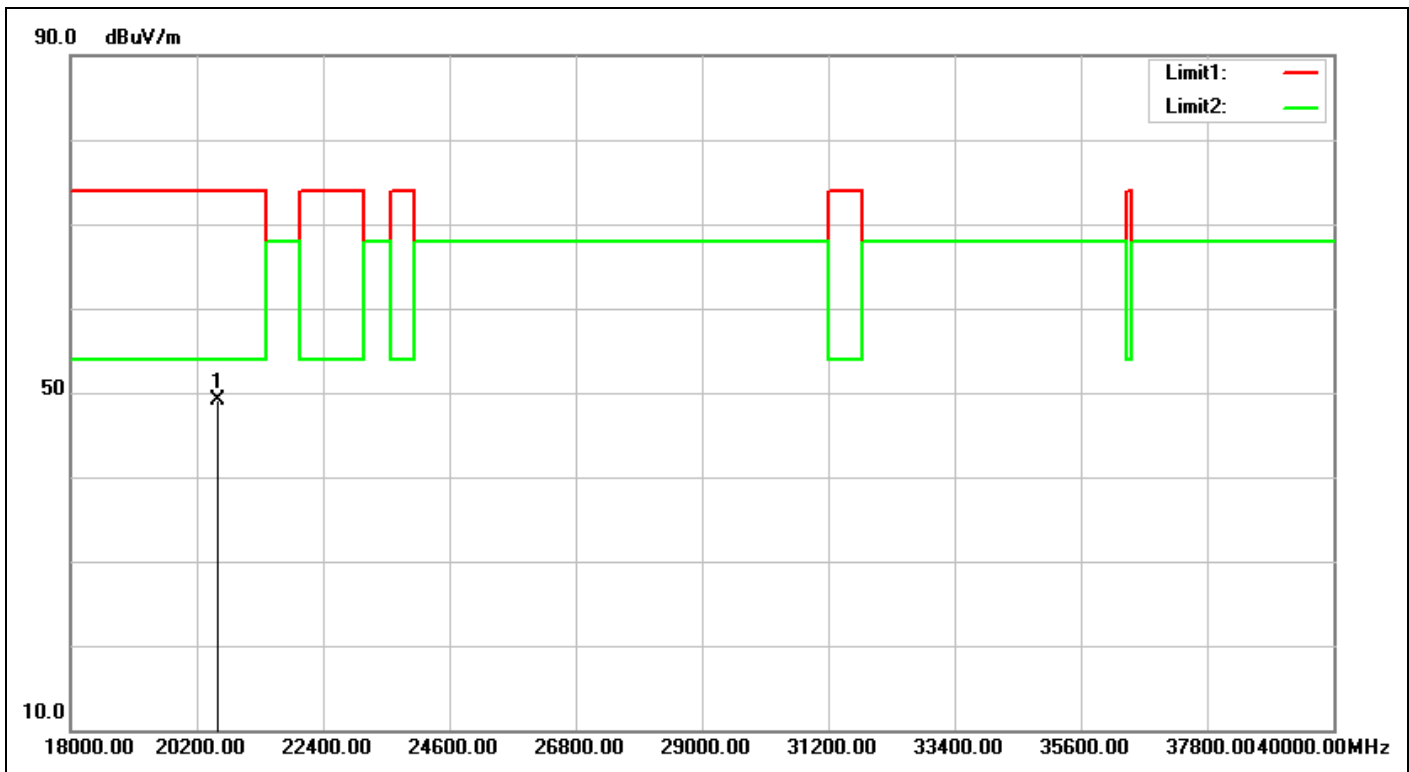
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:01:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5530-TX		
Remark:			

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	19.28	49.53	74.00	-24.47	peak			



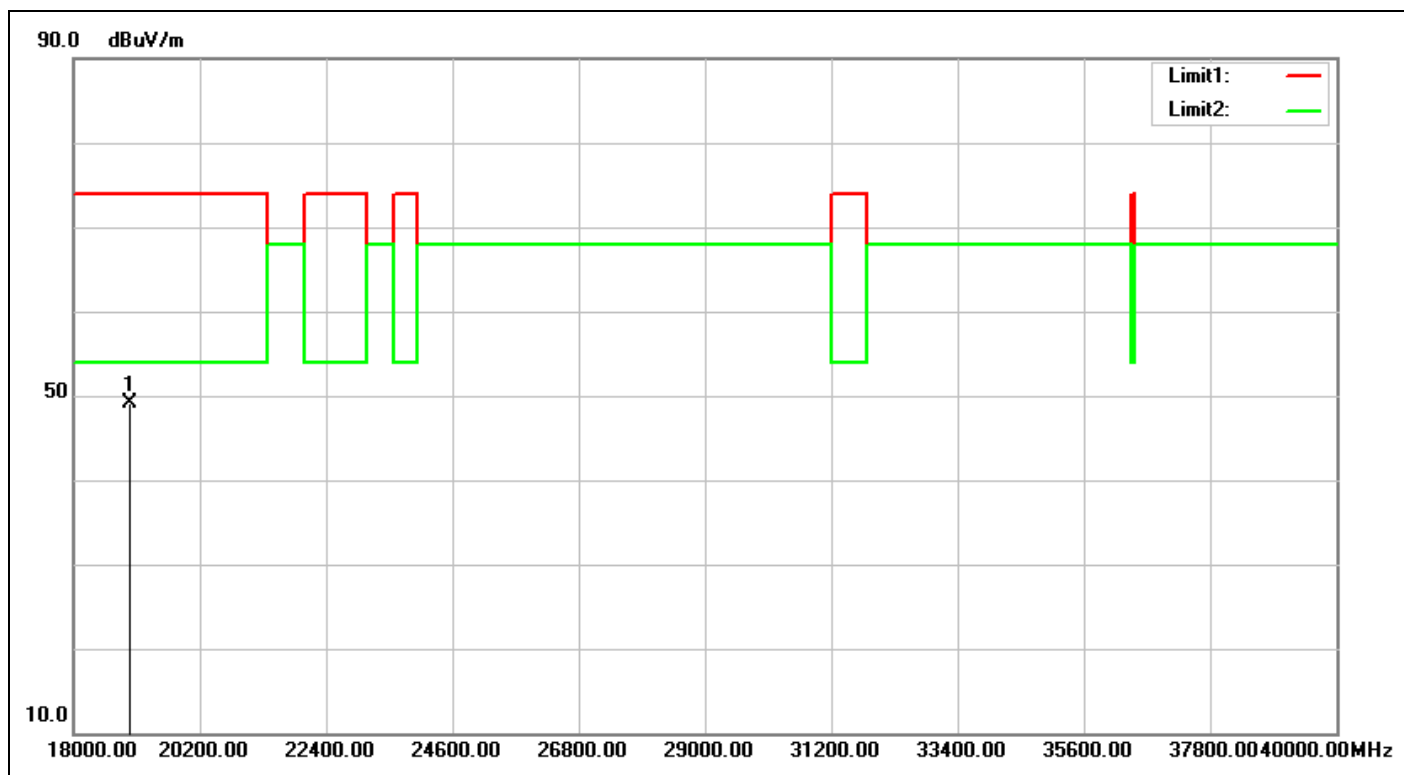
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:02:05
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5530-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19760.000	30.85	18.16	49.01	74.00	-24.99	peak			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:02:37
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5610-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20552.000	31.51	17.62	49.13	74.00	-24.87	peak			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:02:44
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5610-TX		
Remark:			

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	18.91	49.01	74.00	-24.99	peak			

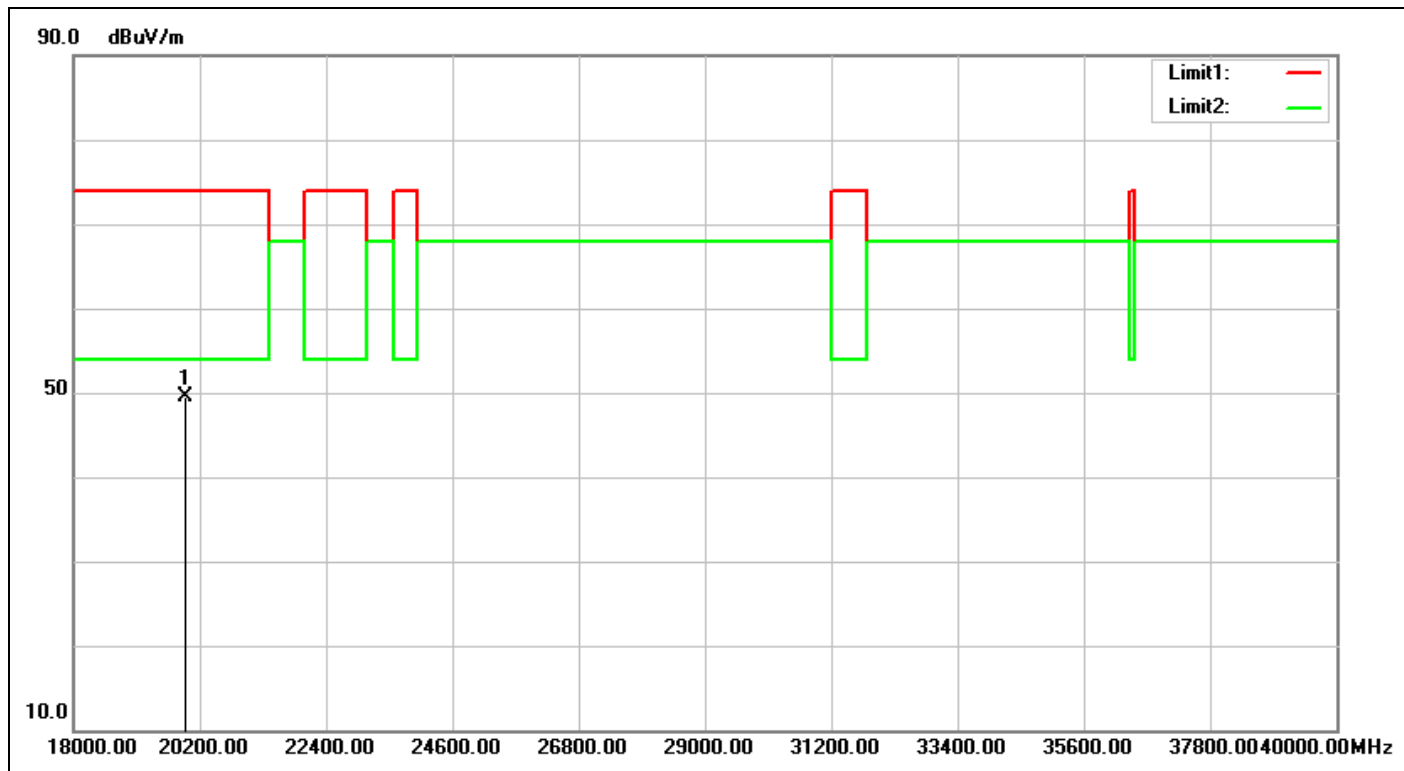
Spurious Emissions, TX Mode, 18-40G, U-NII-3



TUV Rheinland Taiwan Ltd.

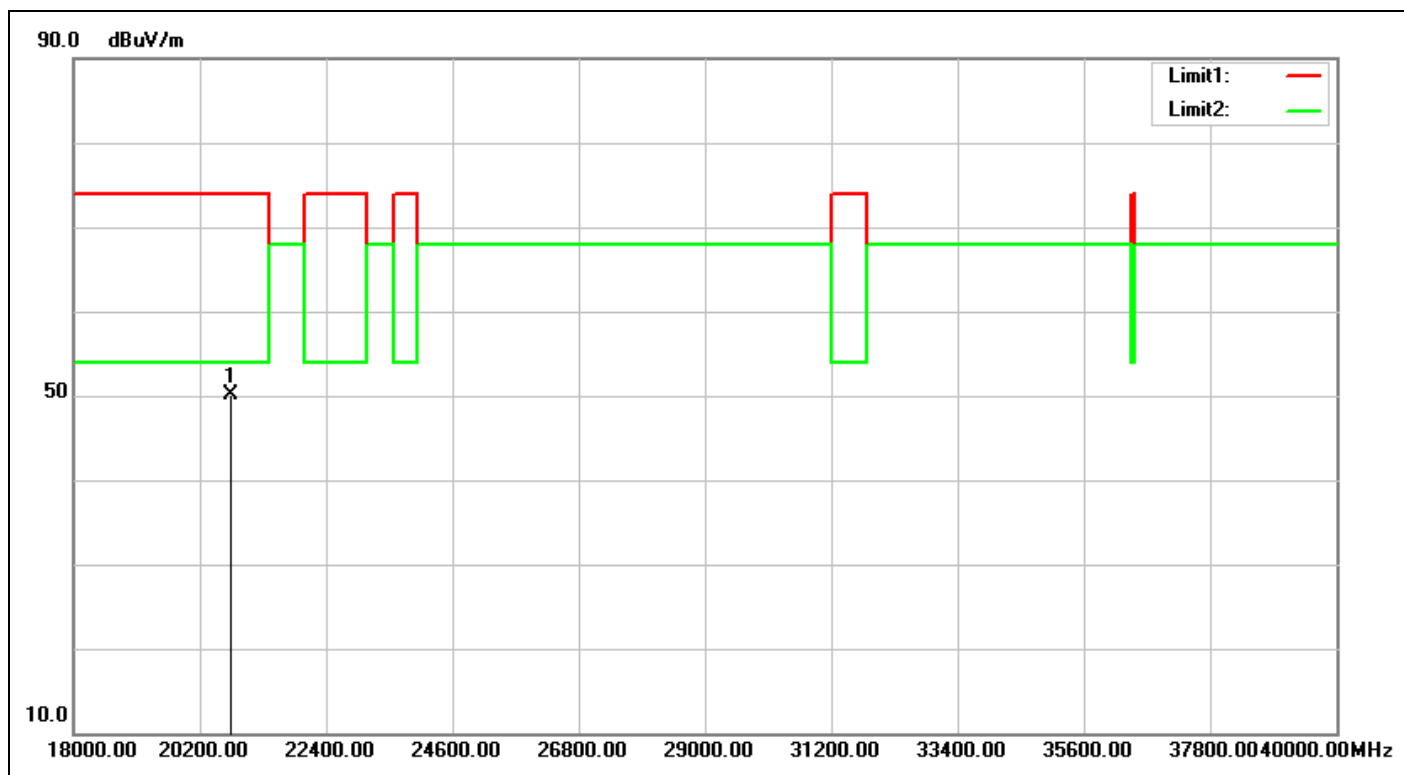
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



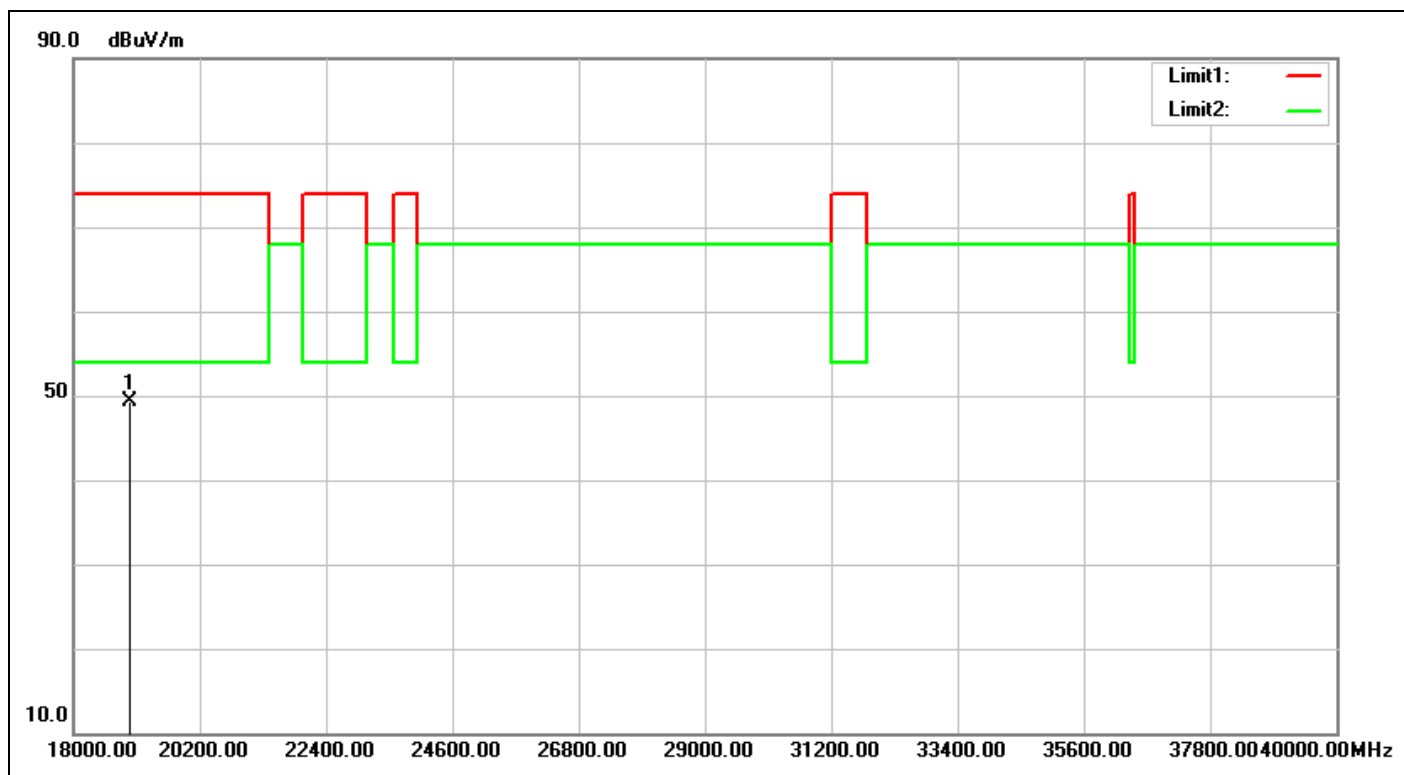
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:09:03
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5745-TX		
Remark:			

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	18.26	49.41	74.00	-24.59	peak		0	



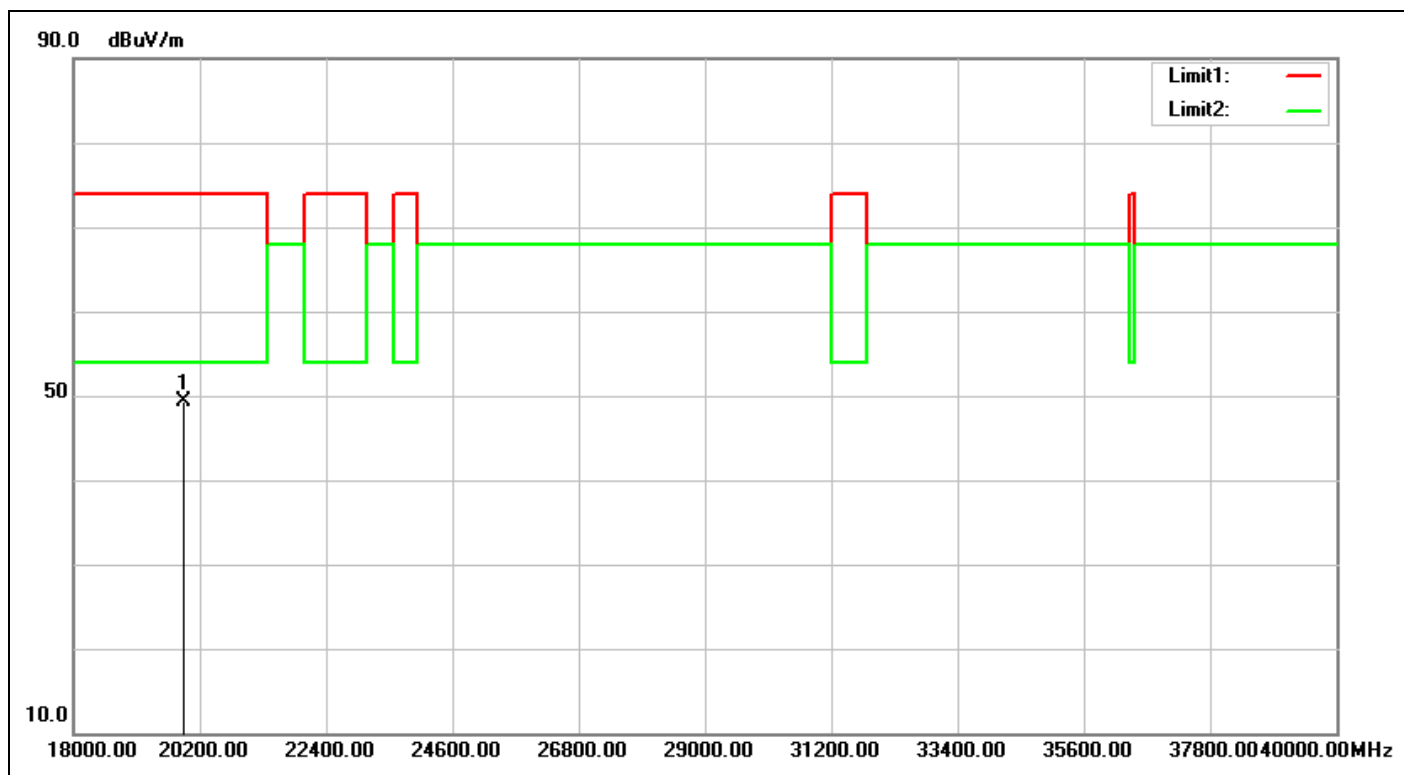
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:09:10
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5745-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20750.000	31.92	18.13	50.05	74.00	-23.95	peak			



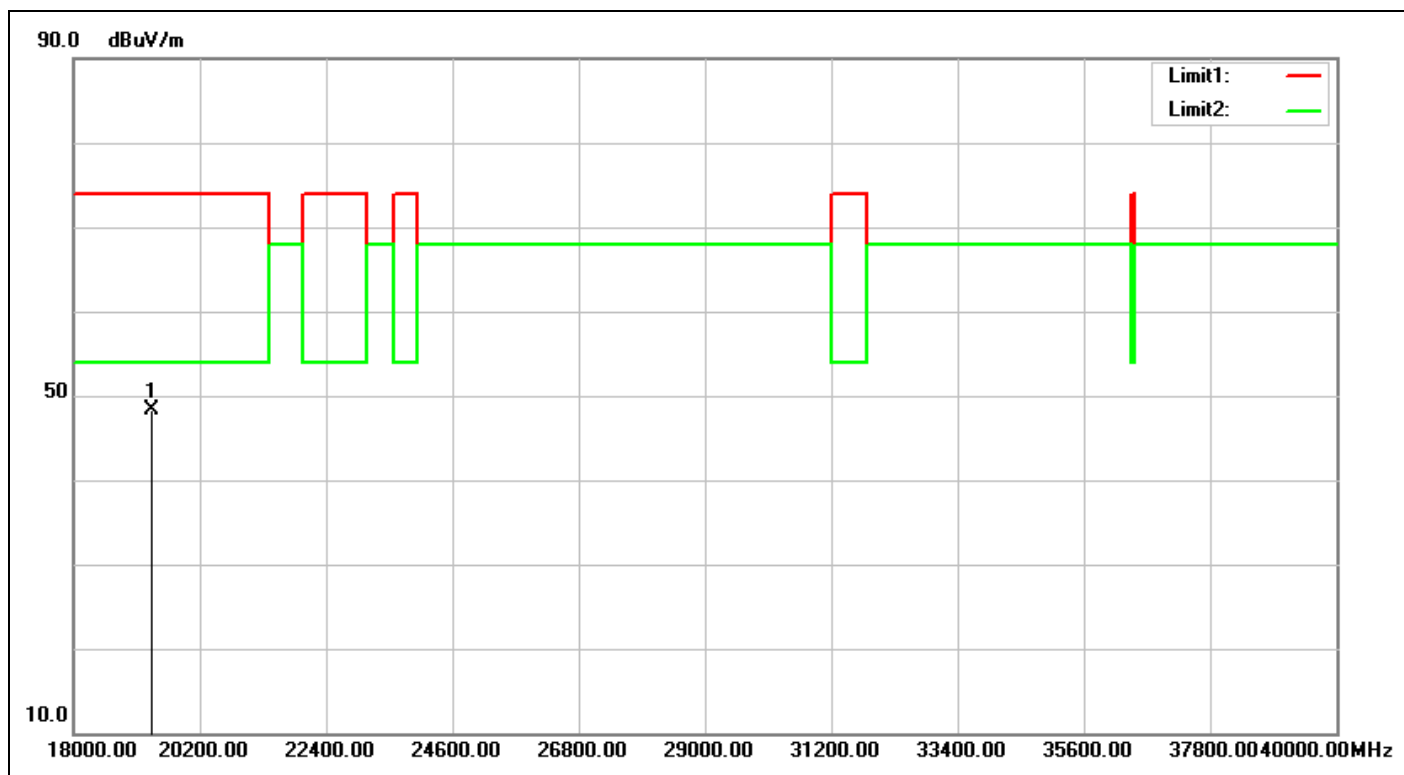
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:09:33
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5785-TX		
Remark:			

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	19.35	49.38	74.00	-24.62	peak			



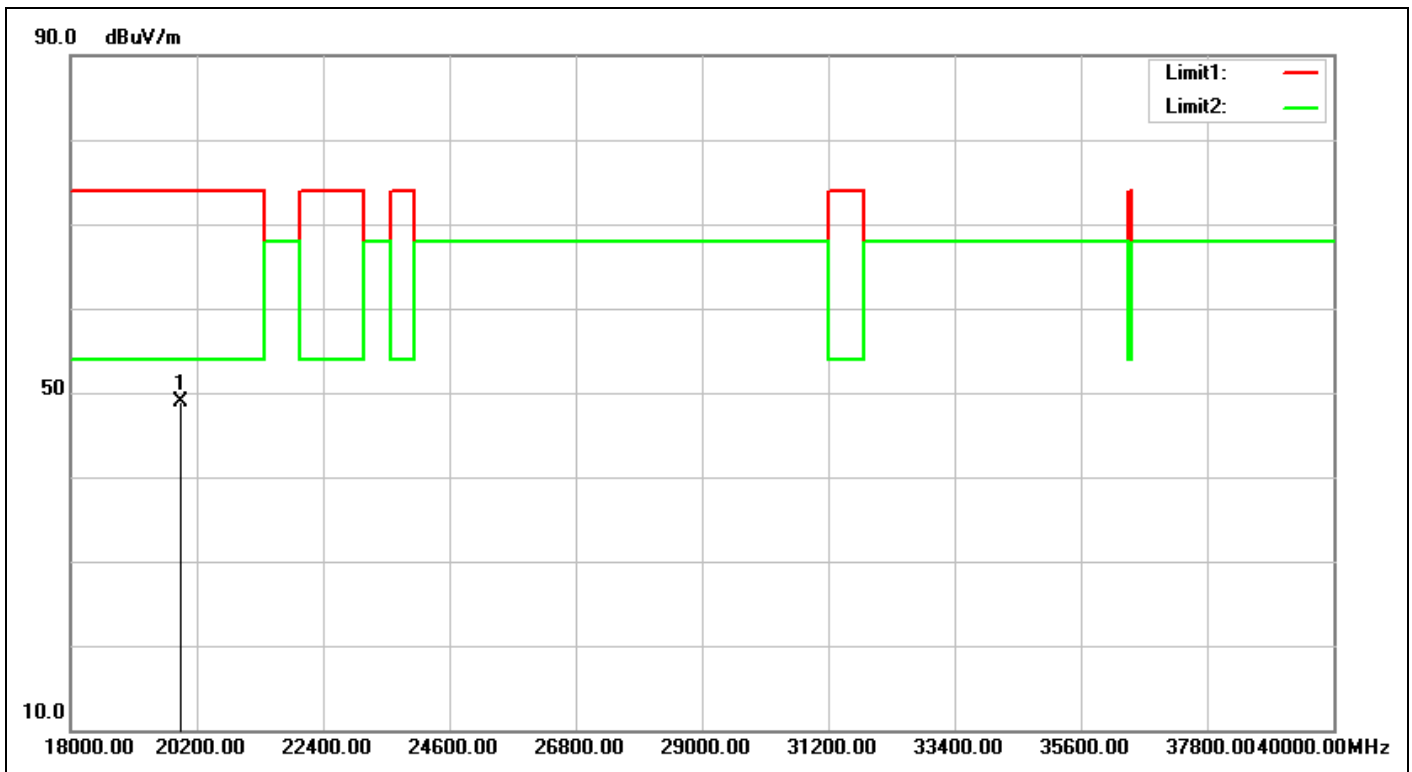
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:09:40
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5785-TX		
Remark:			

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	18.19	49.27	74.00	-24.73	peak			



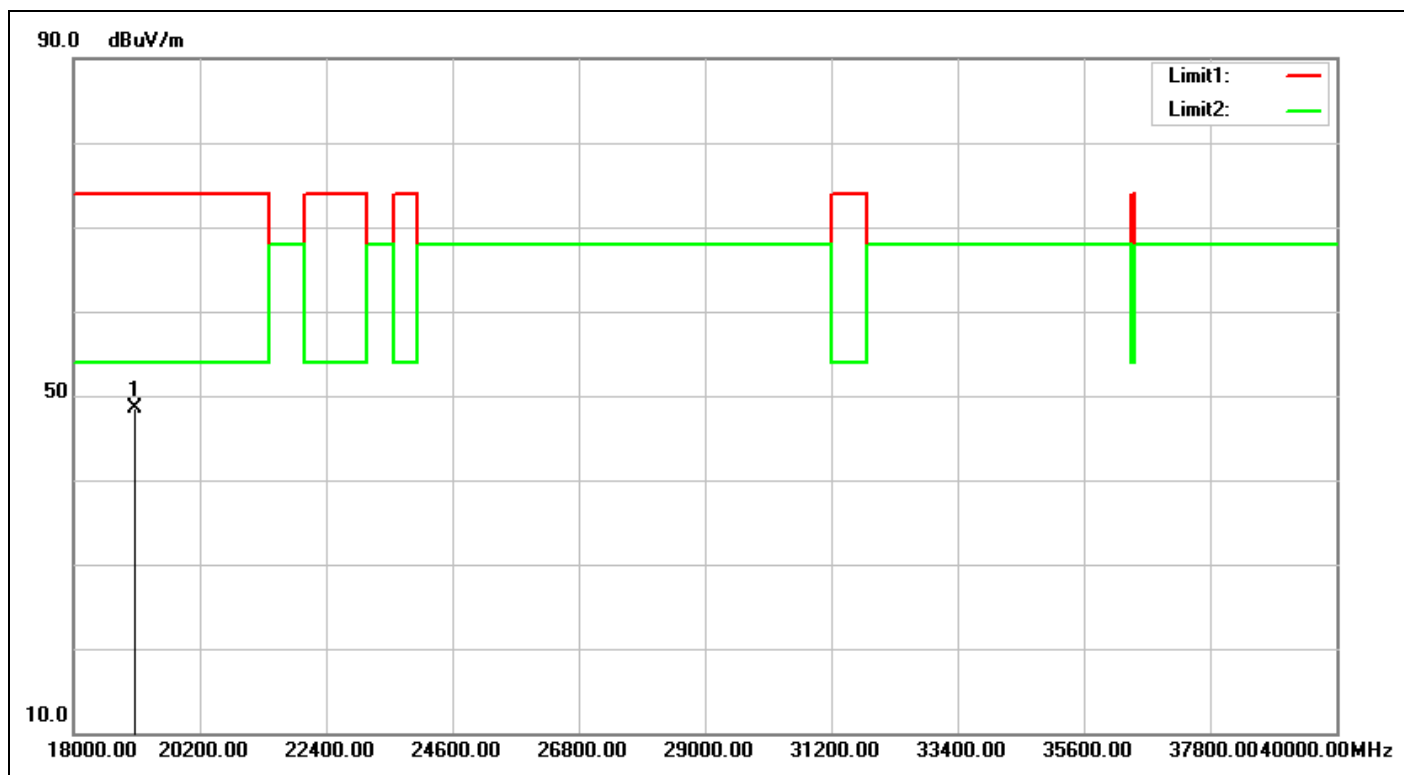
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:10:05
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5825-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19364.000	30.38	17.87	48.25	74.00	-25.75	peak			



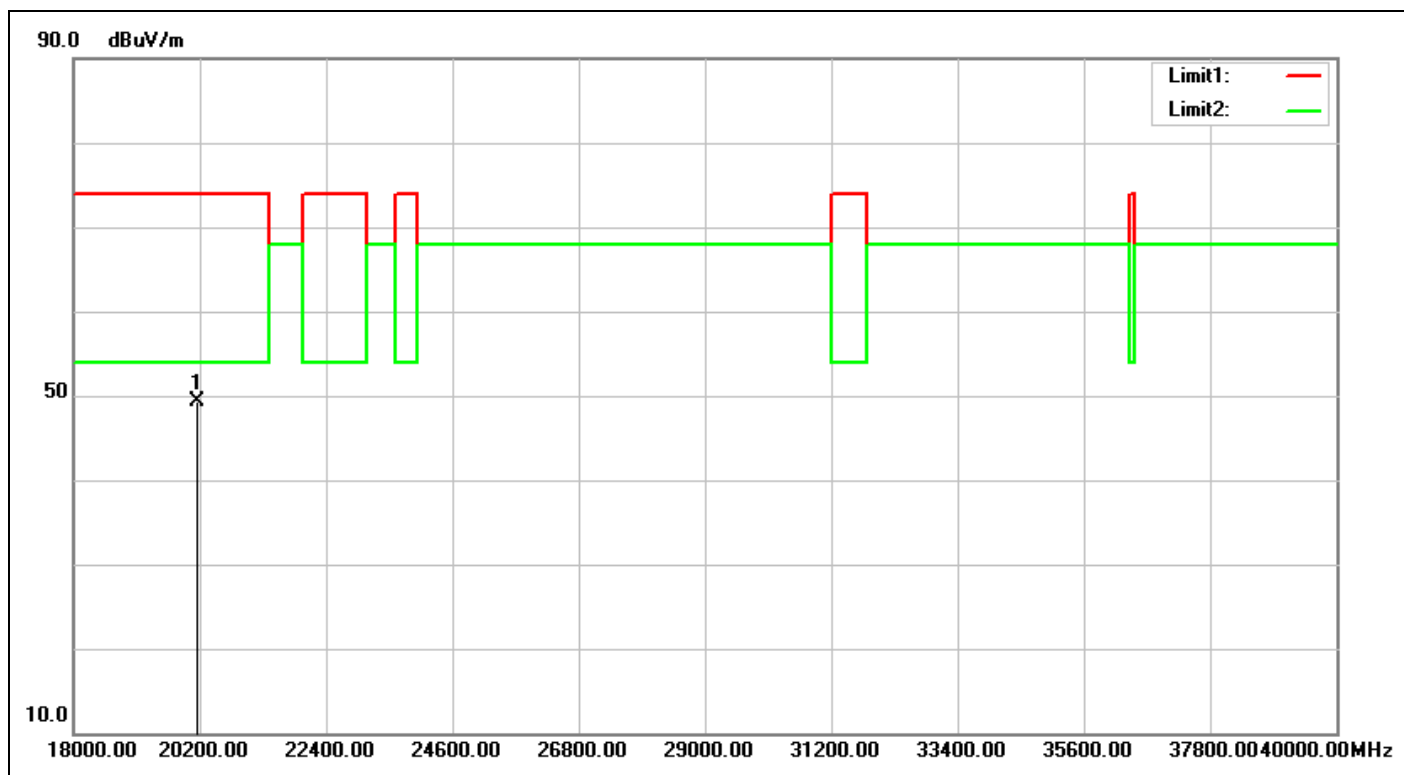
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:10:12
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5825-TX		
Remark:			

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	17.78	48.86	74.00	-25.14	peak			



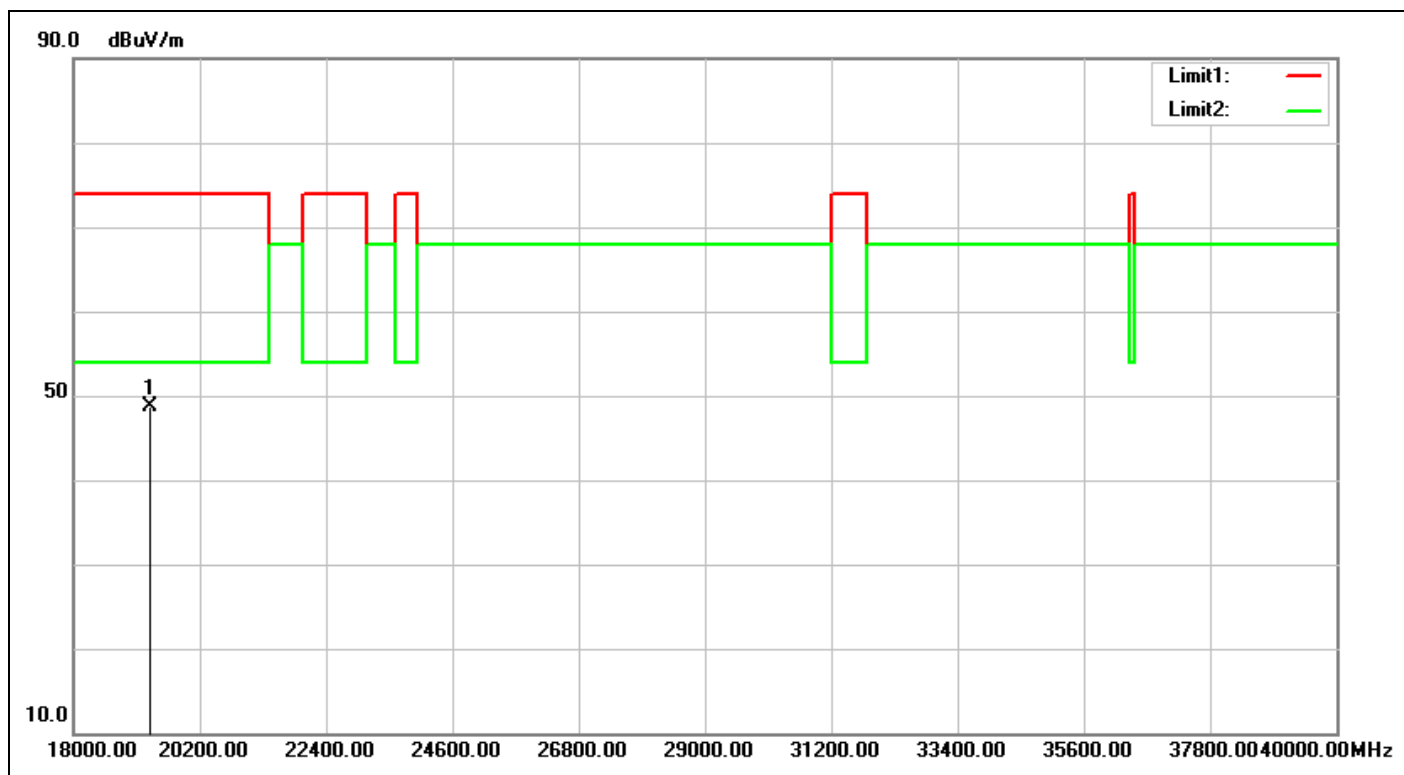
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:10:39
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5745-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19056.000	30.18	18.30	48.48	74.00	-25.52	peak			



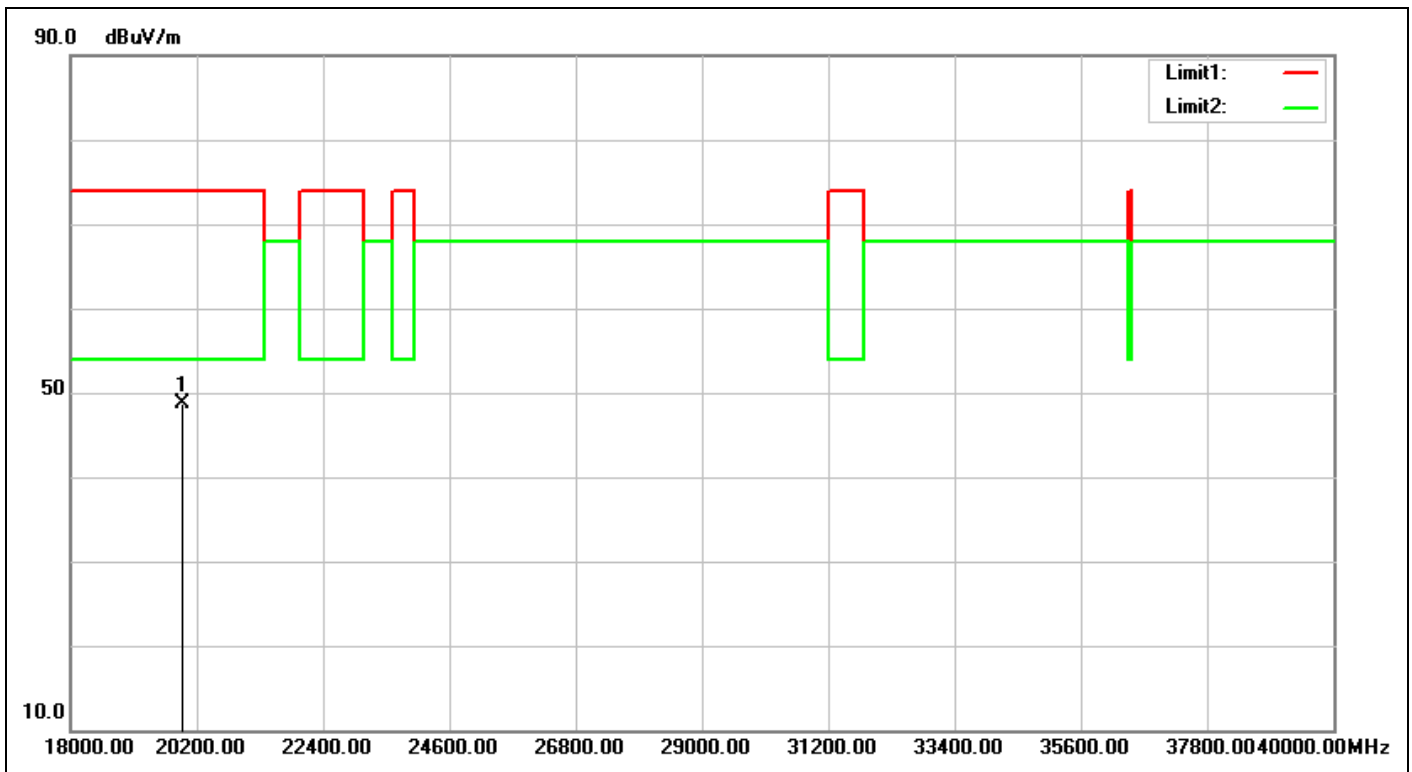
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:10:46
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5745-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20156.000	31.27	17.94	49.21	74.00	-24.79	peak			



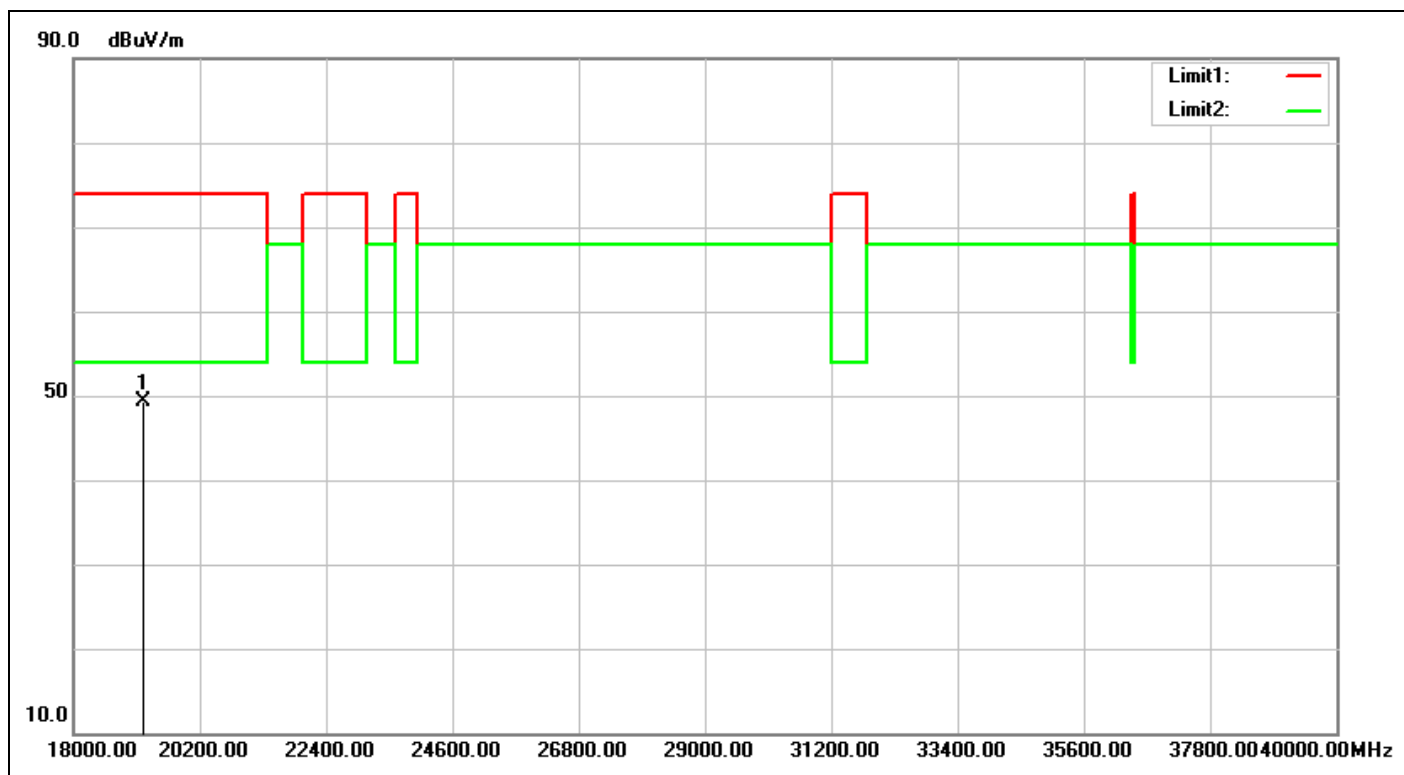
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:11:12
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5785-TX		
Remark:			

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	18.36	48.72	74.00	-25.28	peak			



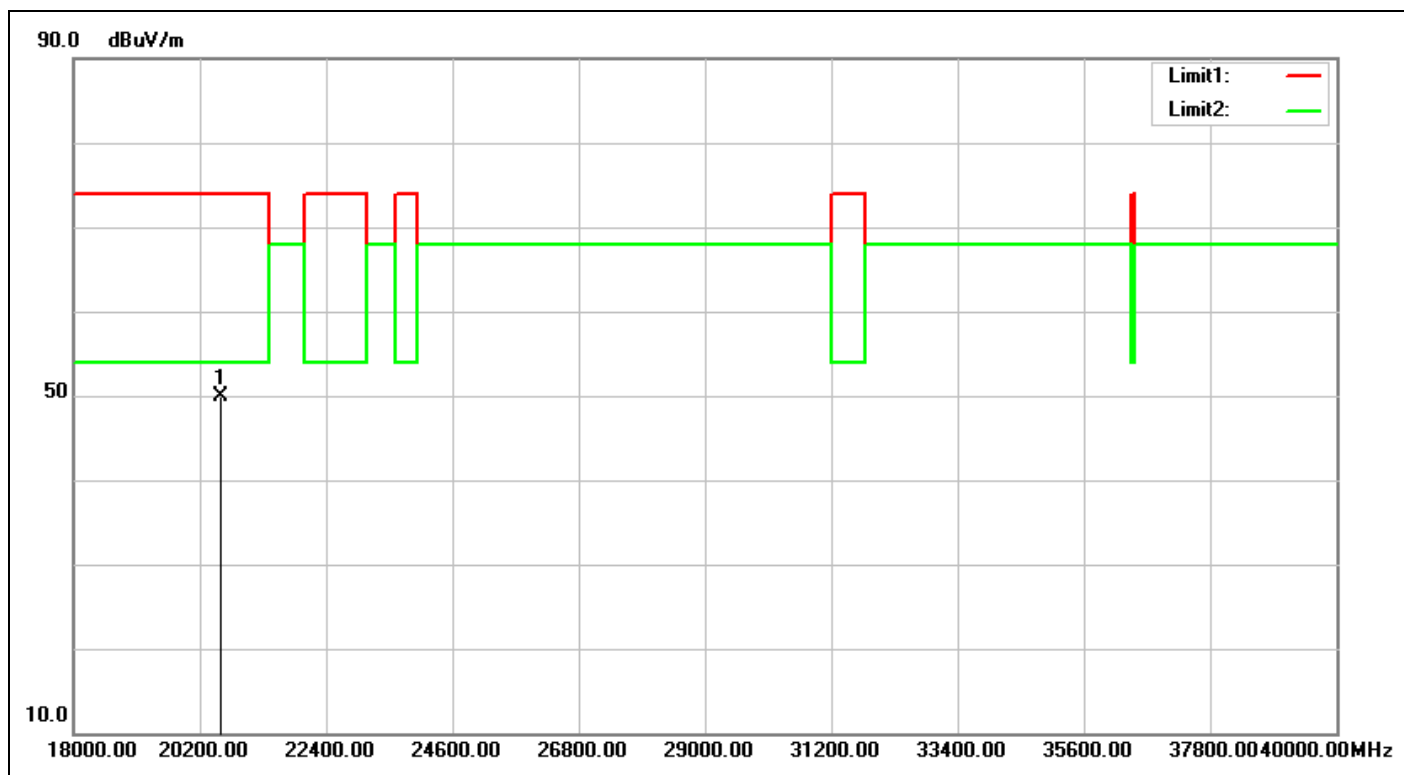
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:11:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5785-TX		
Remark:			

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	17.68	48.80	74.00	-25.20	peak			



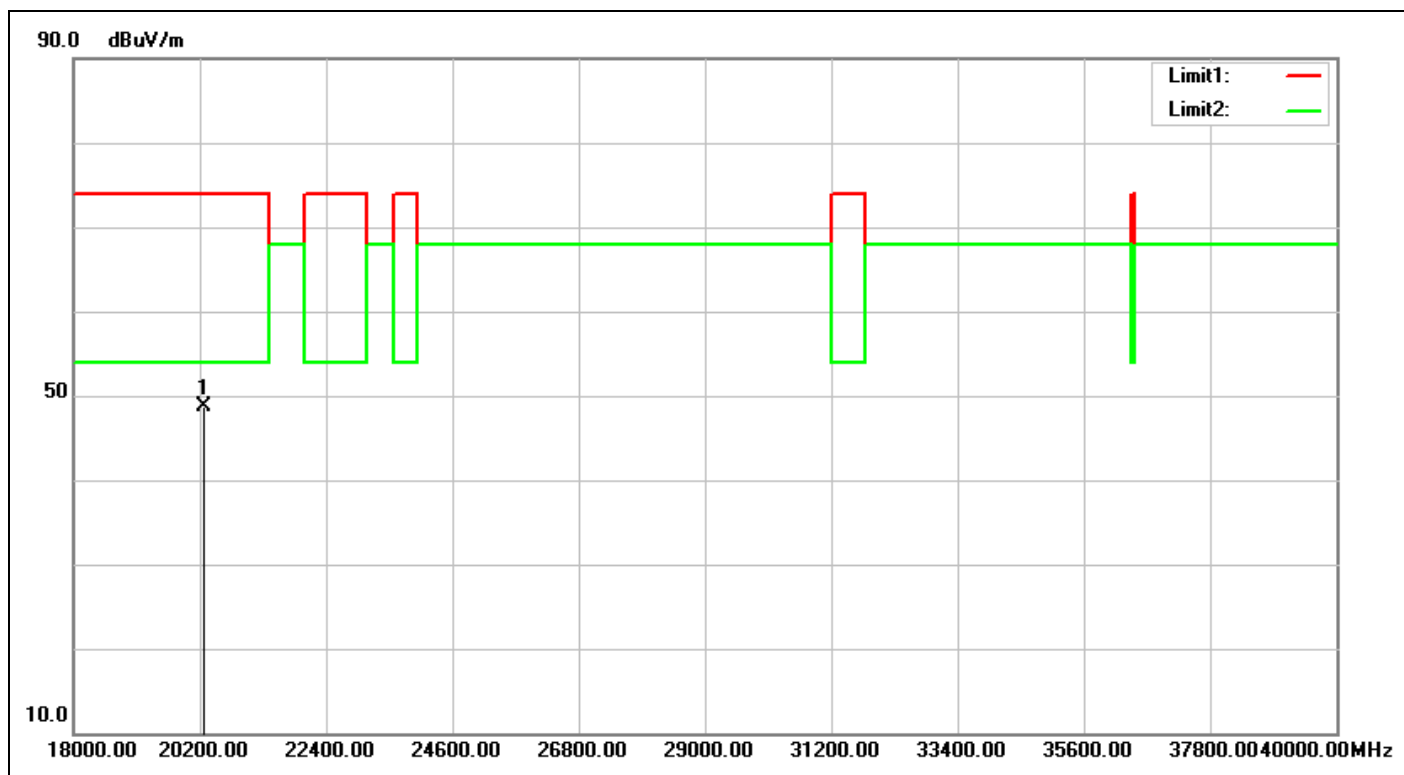
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:11:46
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5825-TX		
Remark:			

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	19.09	49.37	74.00	-24.63	peak			



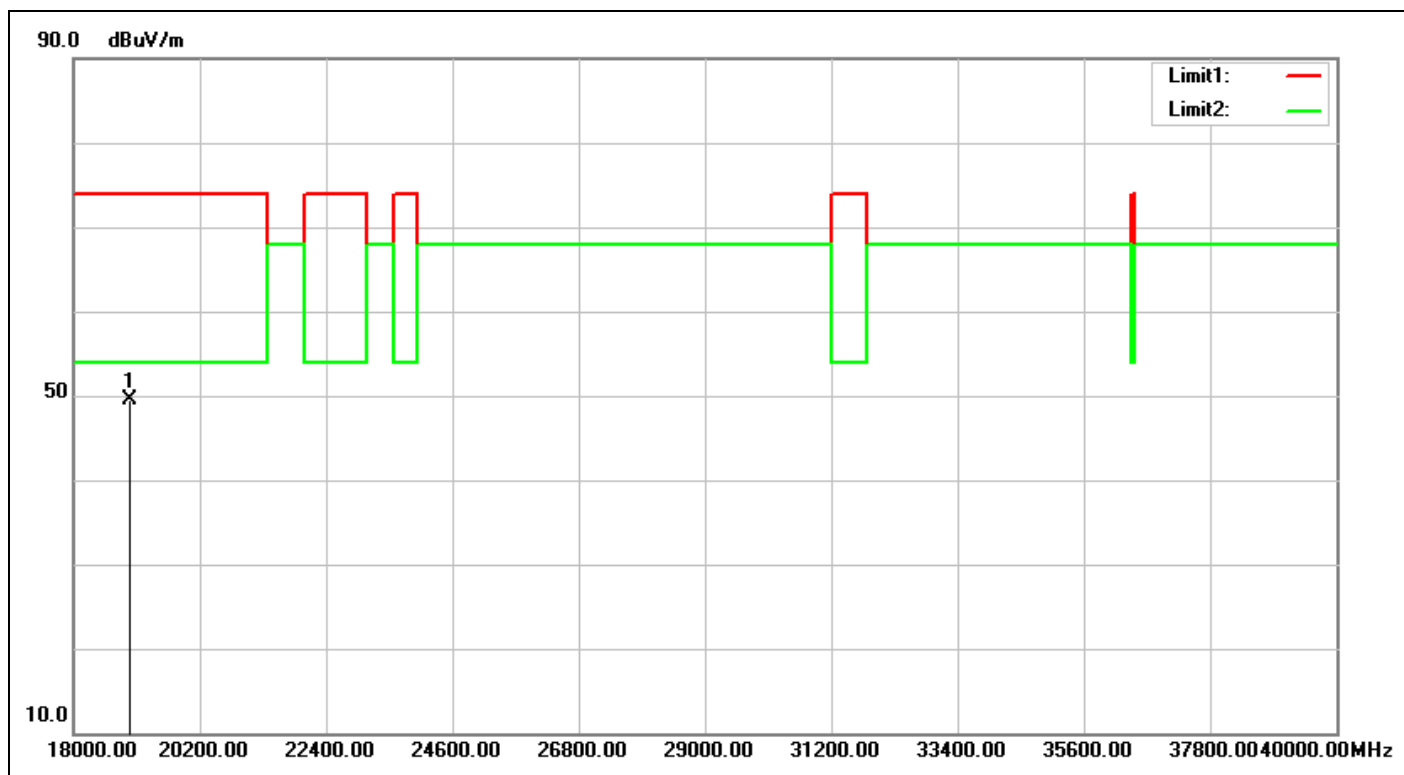
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:11:52
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5825-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20552.000	31.51	18.46	49.97	74.00	-24.03	peak			



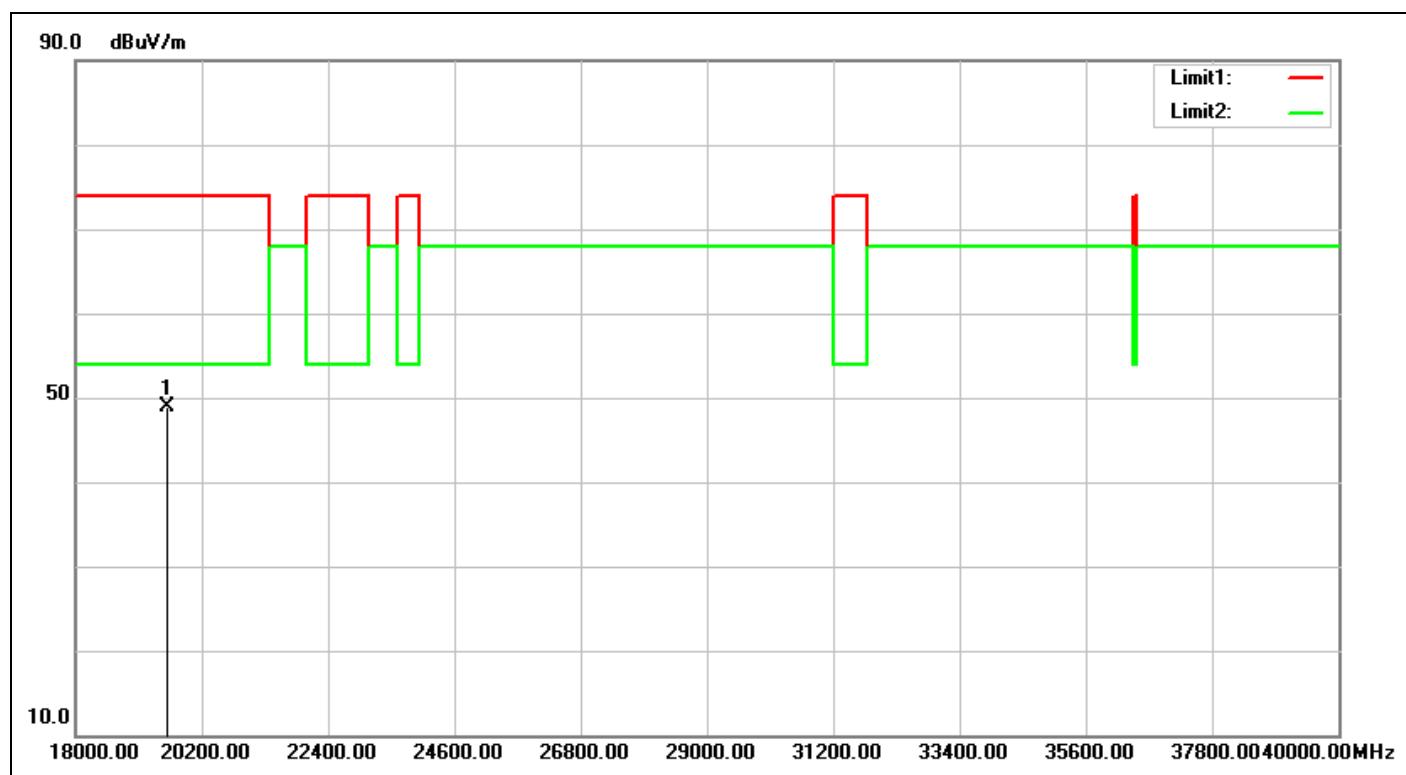
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:12:27
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5755-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20266.000	31.31	17.32	48.63	74.00	-25.37	peak			



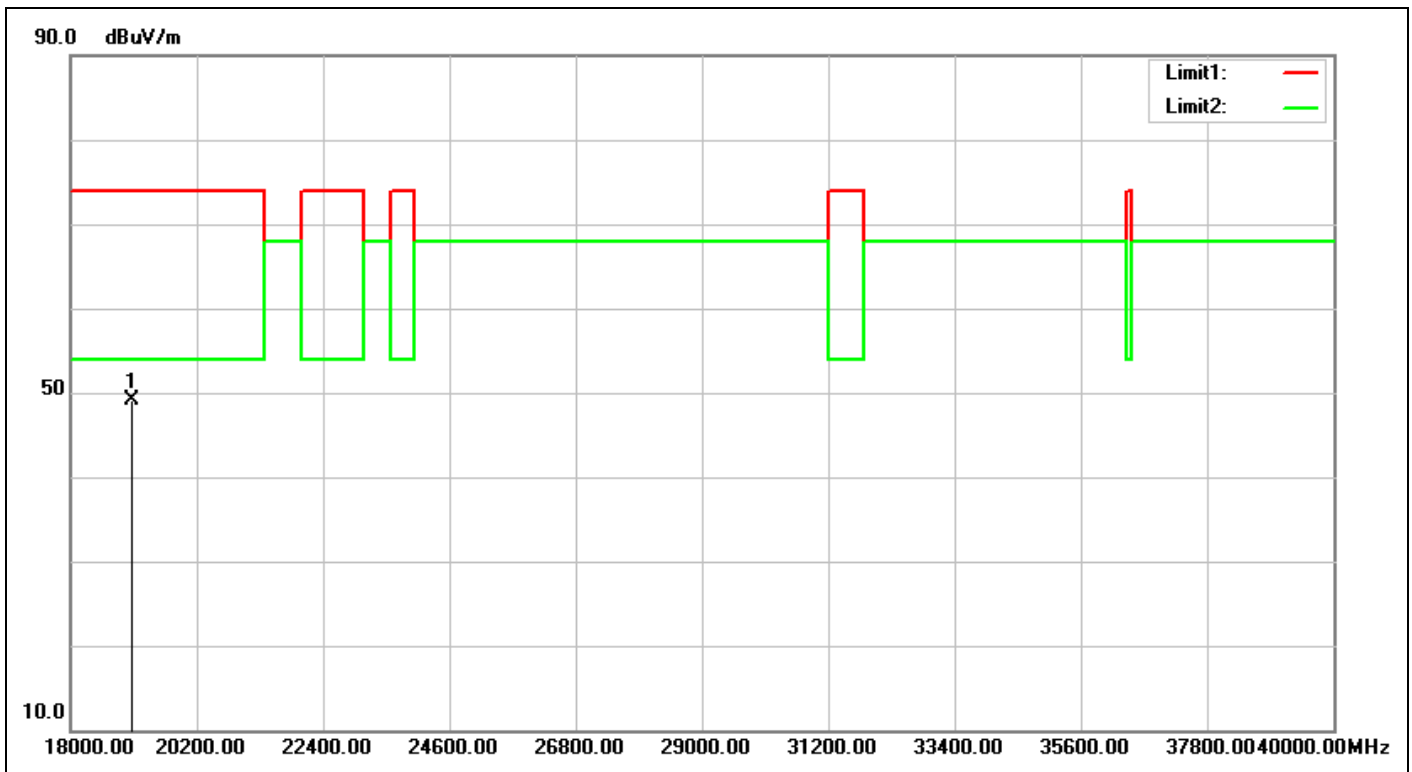
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:12:34
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5755-TX		
Remark:			

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	19.36	49.46	74.00	-24.54	peak			



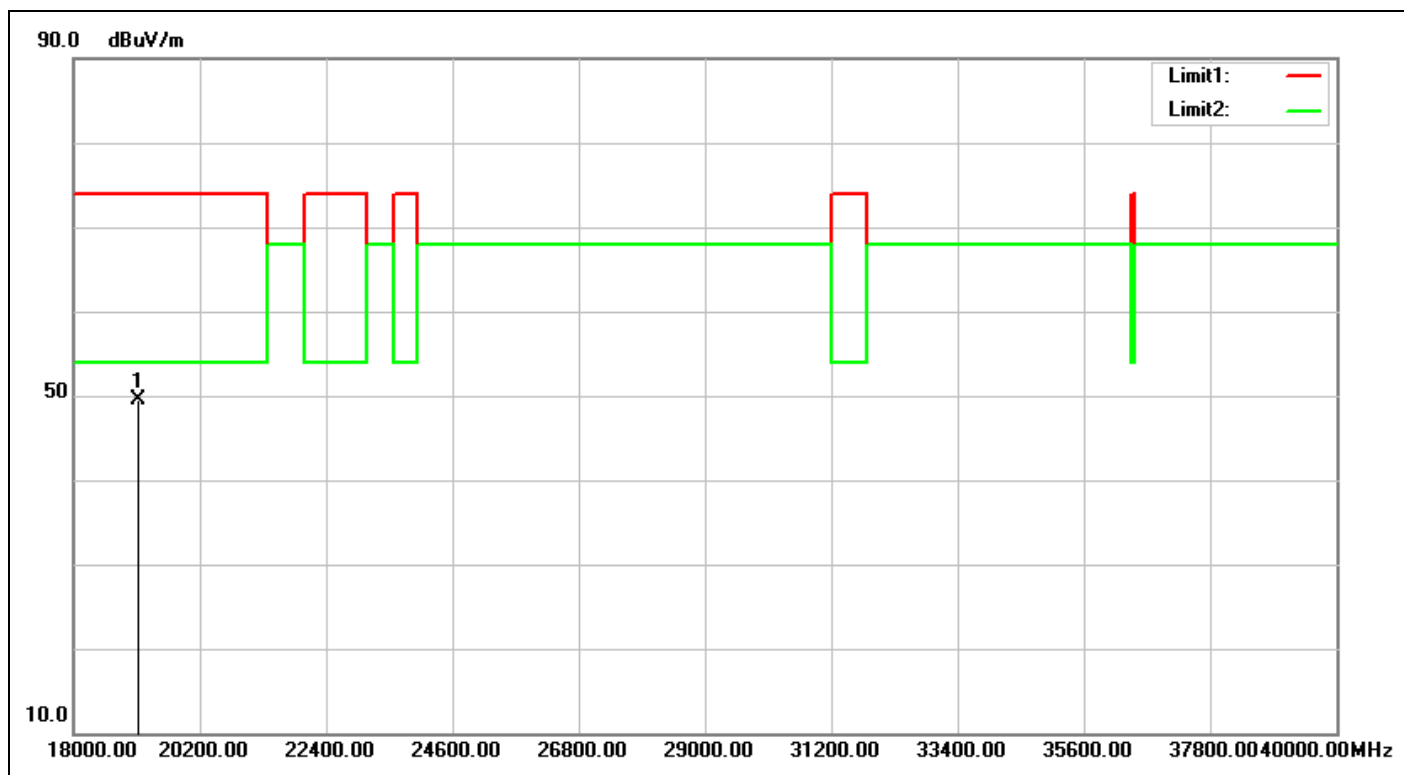
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:13:12
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5795-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19584.000	30.59	18.23	48.82	74.00	-25.18	peak			



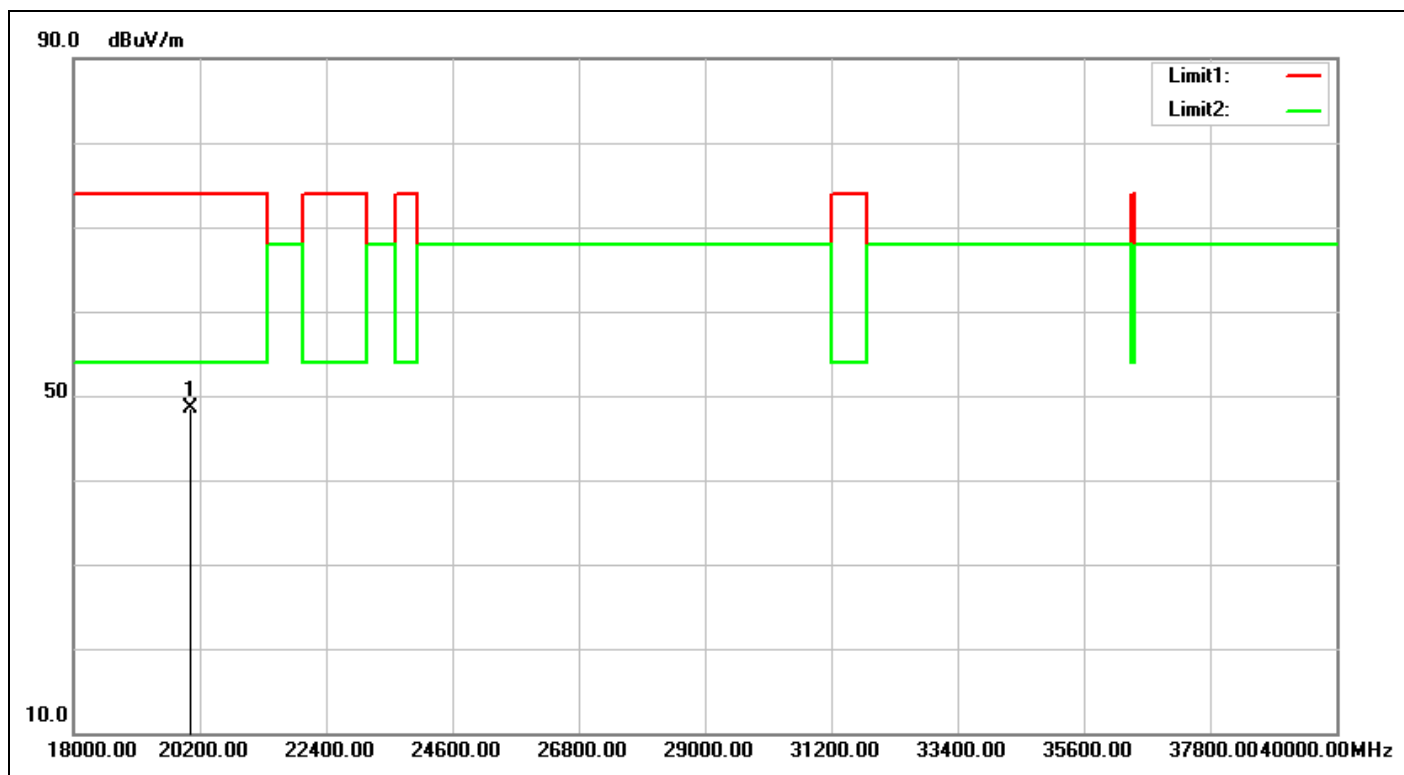
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:13:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5795-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19078.000	30.20	18.89	49.09	74.00	-24.91	peak			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:13:46
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5775-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19122.000	30.22	19.24	49.46	74.00	-24.54	peak			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:13:52
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5775-TX		
Remark:			

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	17.31	48.53	74.00	-25.47	peak			

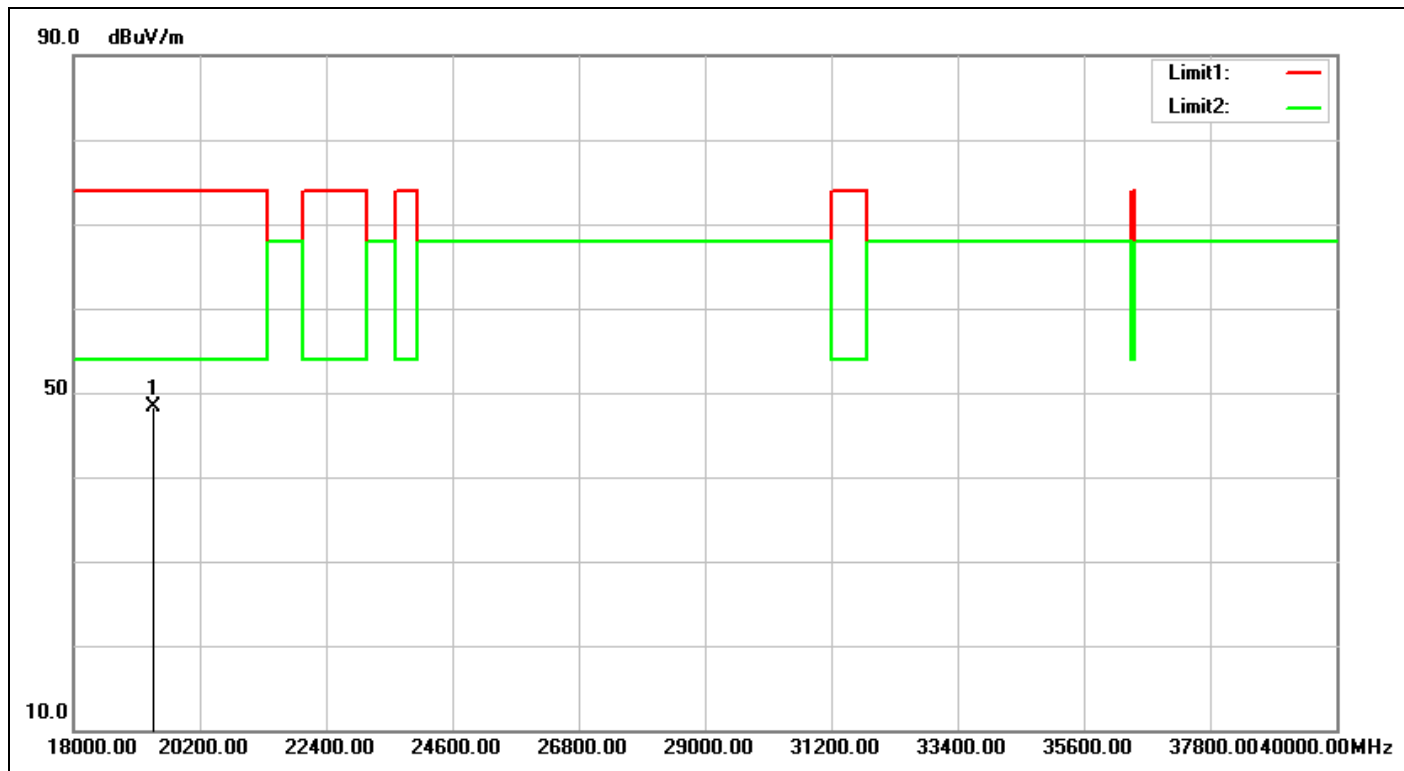
Spurious Emissions, TX Mode, 18-40G, Straddle Channel



TUV Rheinland Taiwan Ltd.

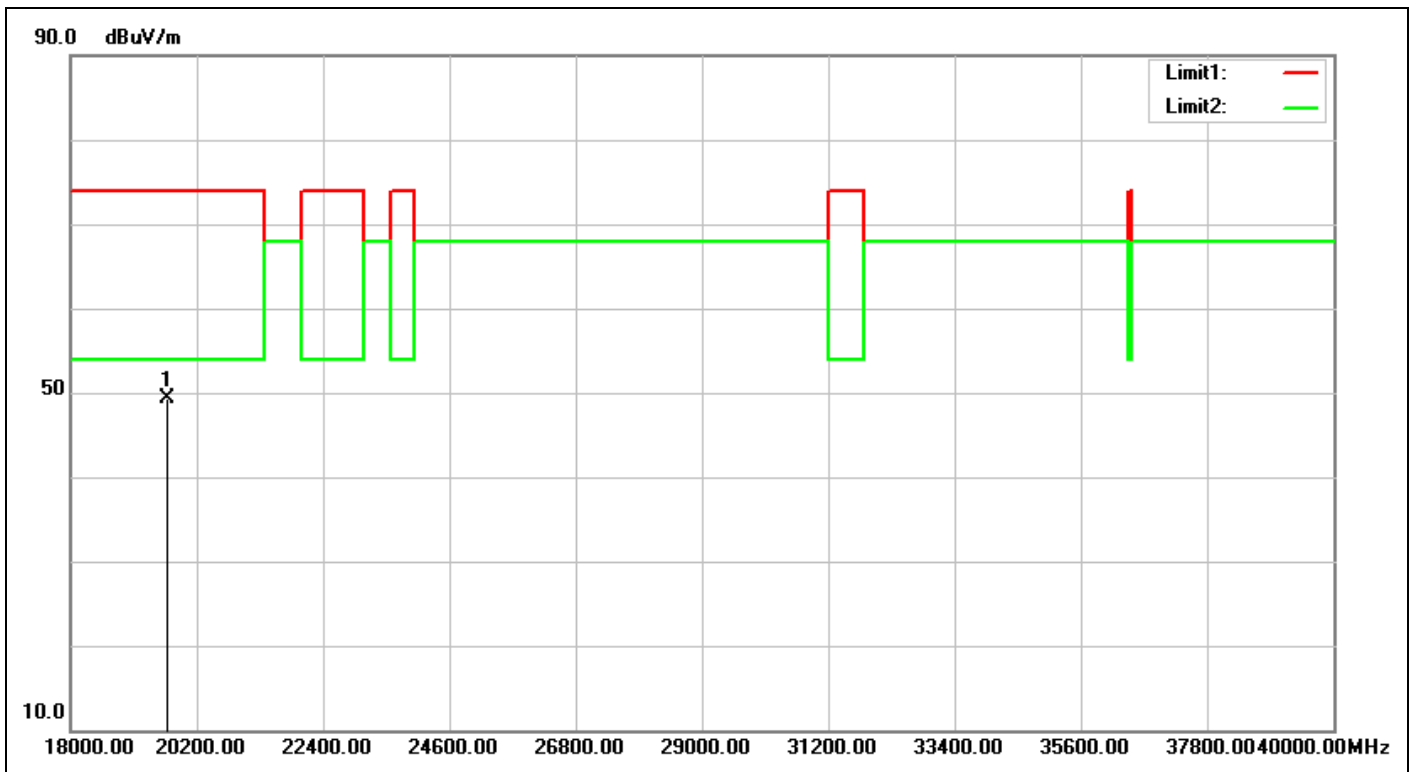
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



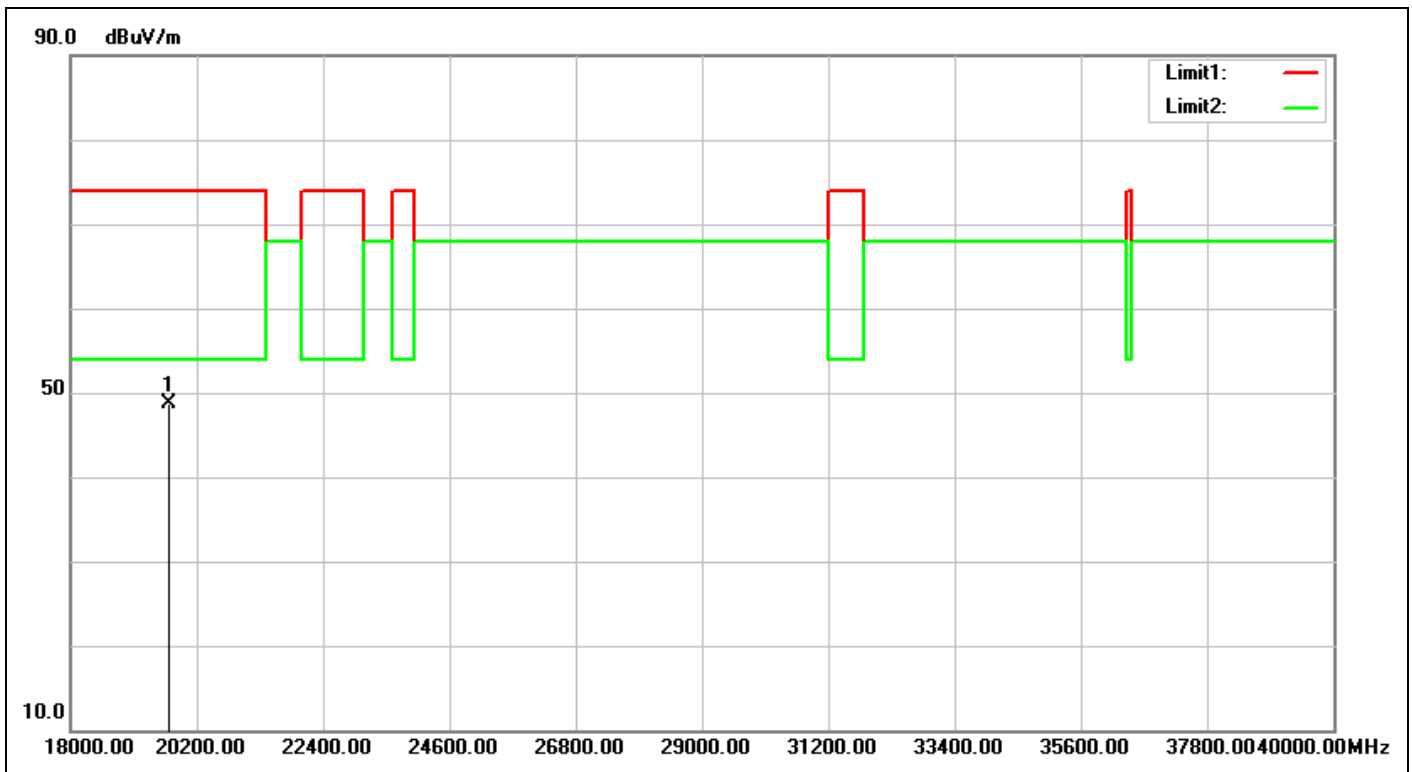
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:19:36
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5720-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19386.000	30.40	17.81	48.21	74.00	-25.79	peak		0	



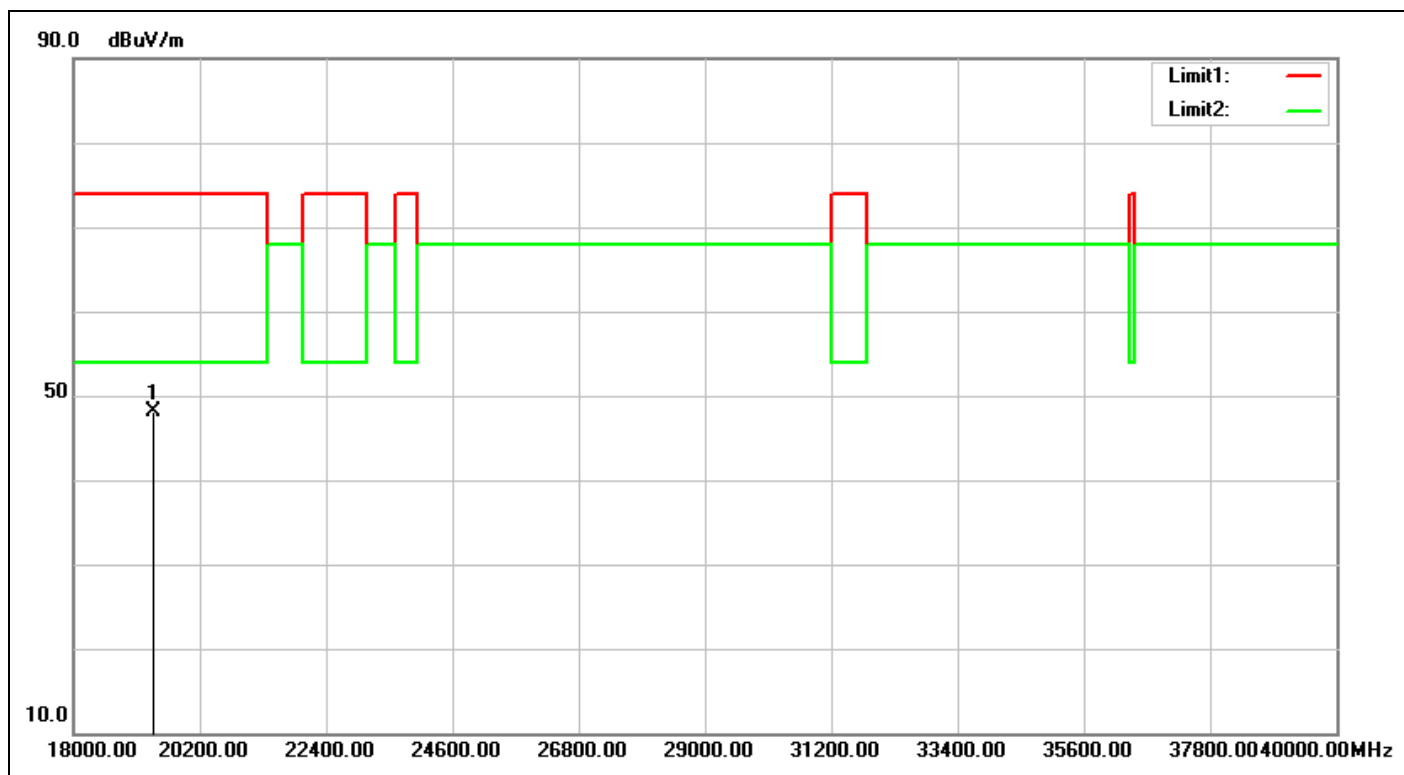
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:19:43
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5720-TX		
Remark:			

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	18.59	49.31	74.00	-24.69	peak			



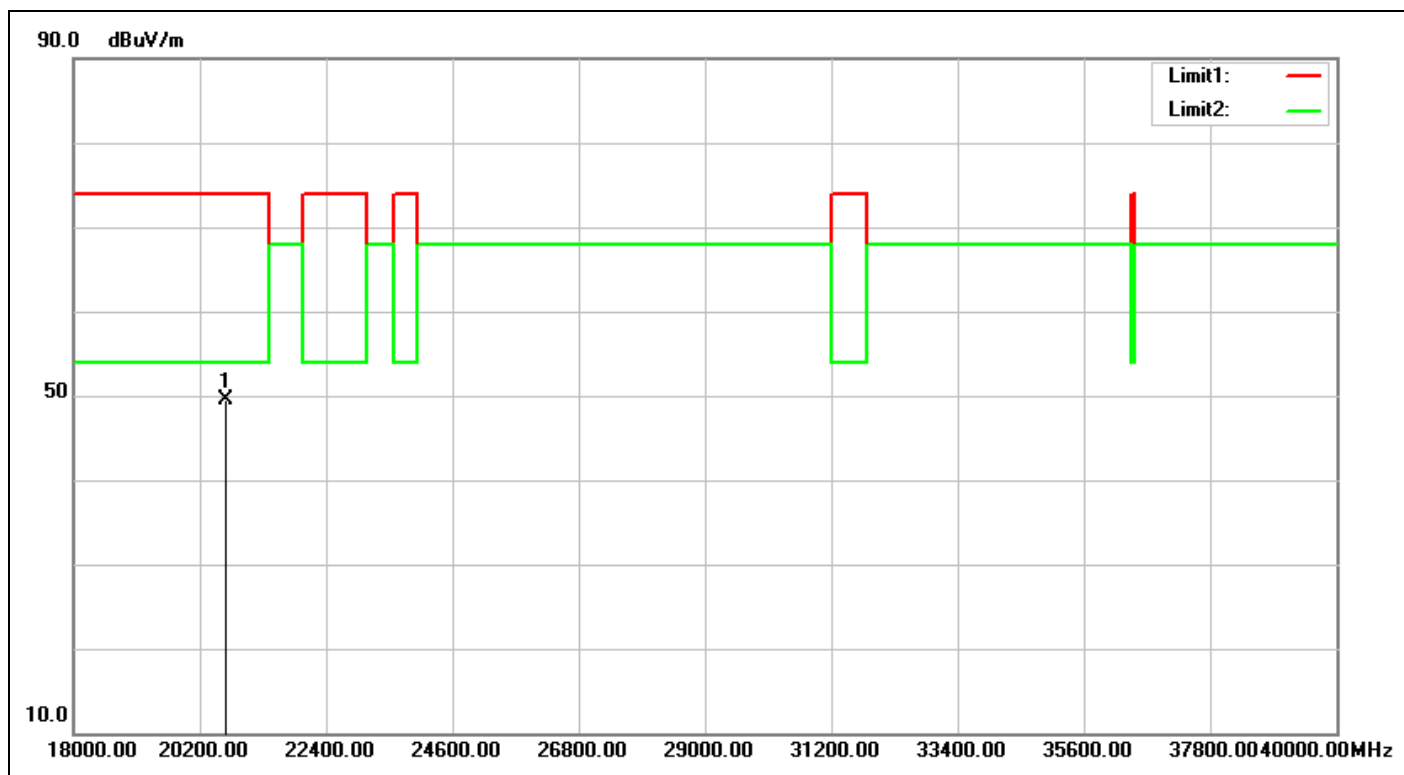
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:20:08
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5720-TX		
Remark:			

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	17.83	48.63	74.00	-25.37	peak			



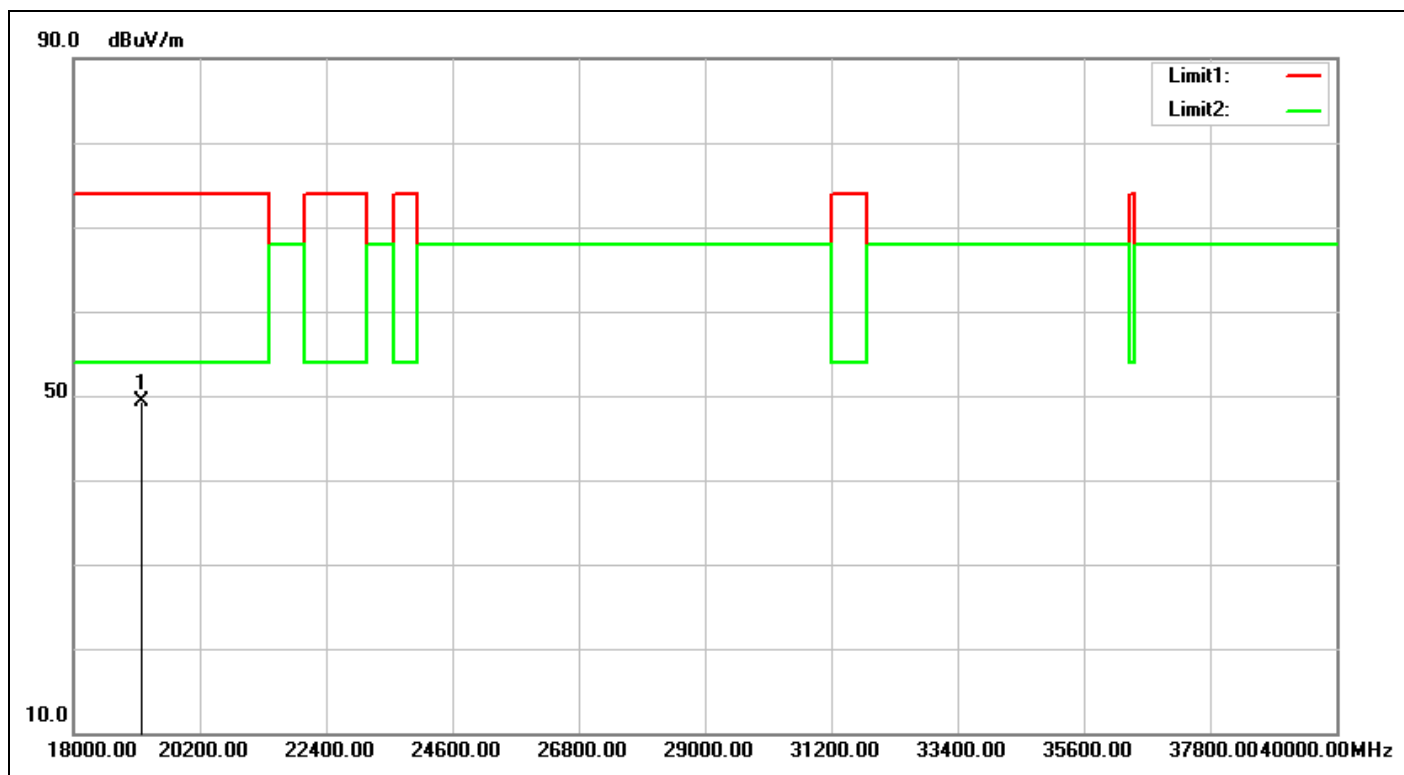
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:20:15
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A20-5720-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19386.000	30.40	17.77	48.17	74.00	-25.83	peak			



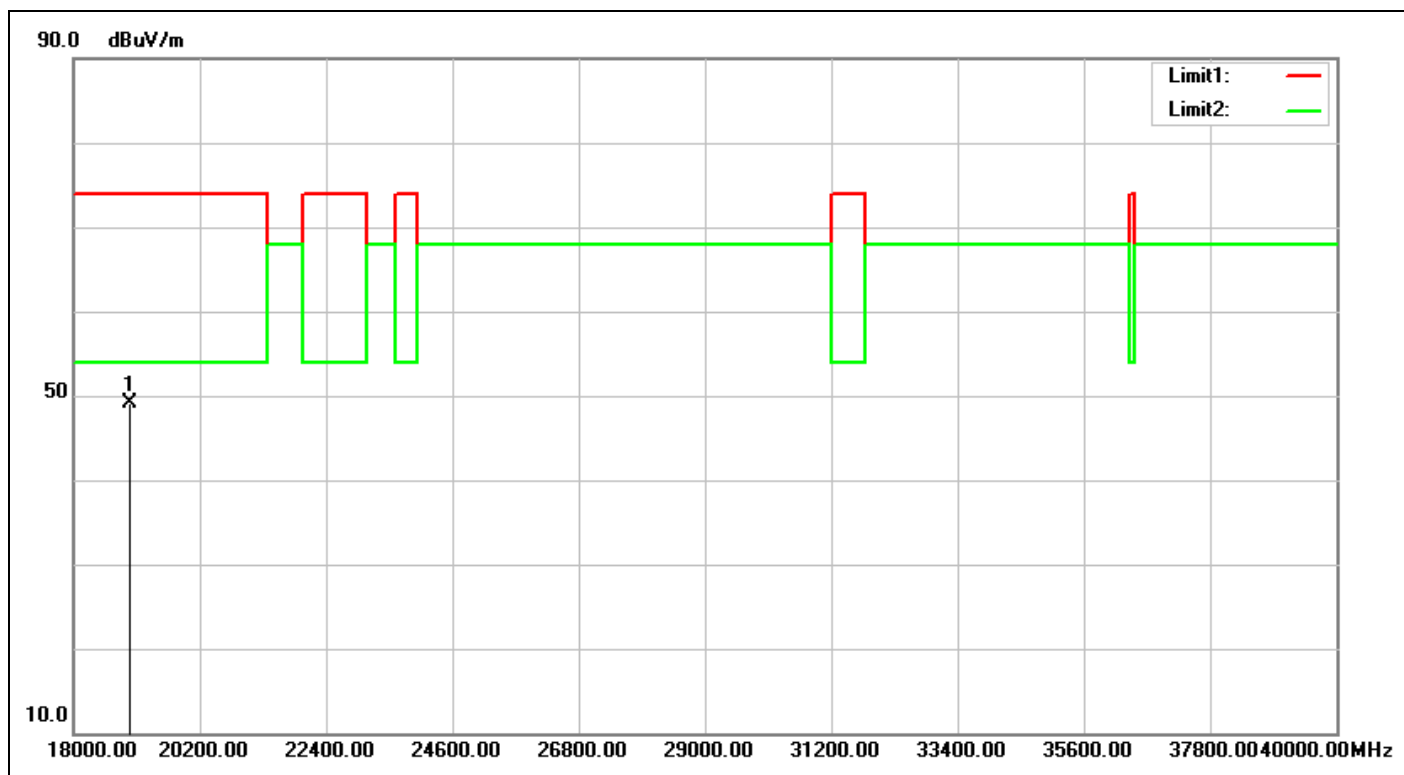
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:20:48
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5710-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20662.000	31.73	17.74	49.47	74.00	-24.53	peak			



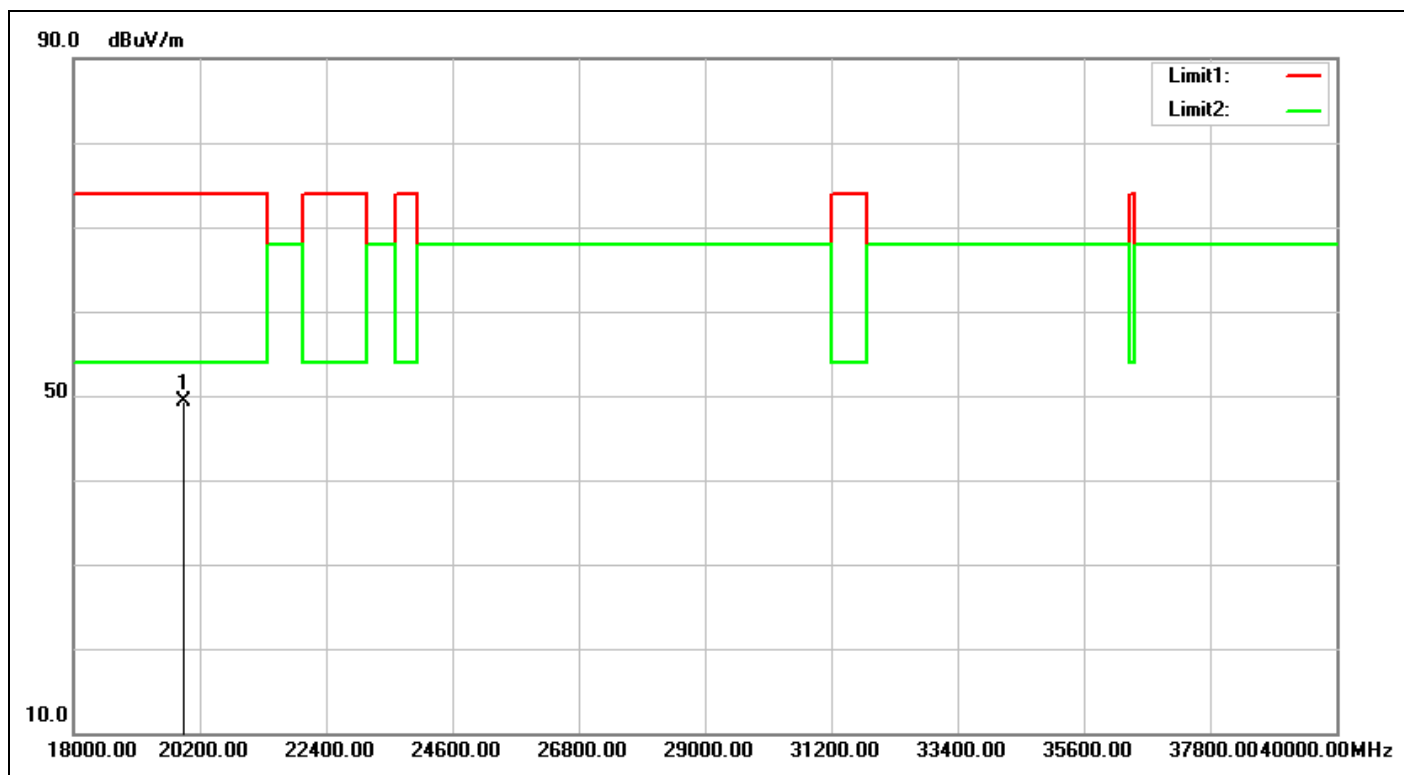
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:20:54
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A40-5710-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19188.000	30.26	19.14	49.40	74.00	-24.60	peak			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:21:21
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5690-TX		
Remark:			

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	19.00	49.03	74.00	-24.97	peak			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:21:28
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A80-5690-TX		
Remark:			

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	18.29	49.37	74.00	-24.63	peak			

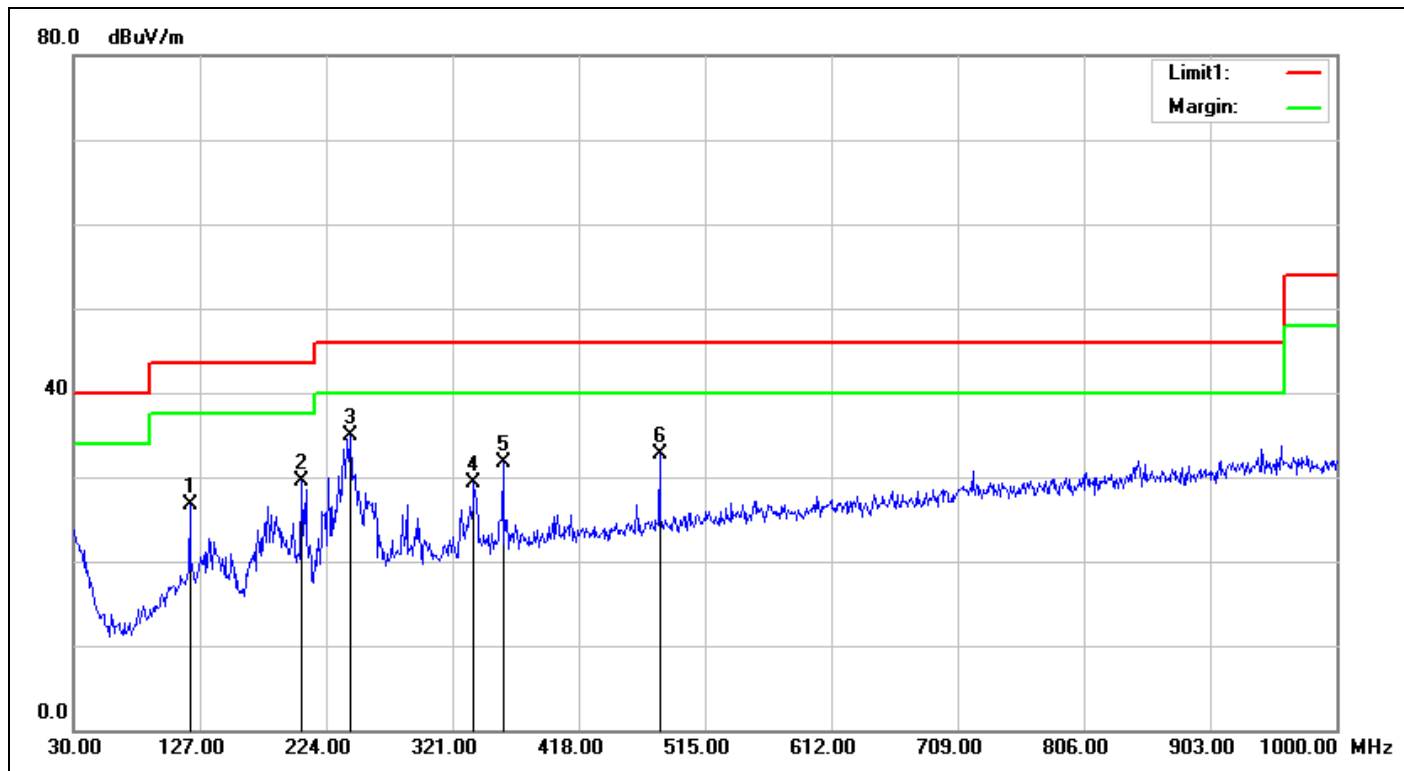
Spurious Emissions, TX Mode, 30M-1G



TUV Rheinland Taiwan Ltd.

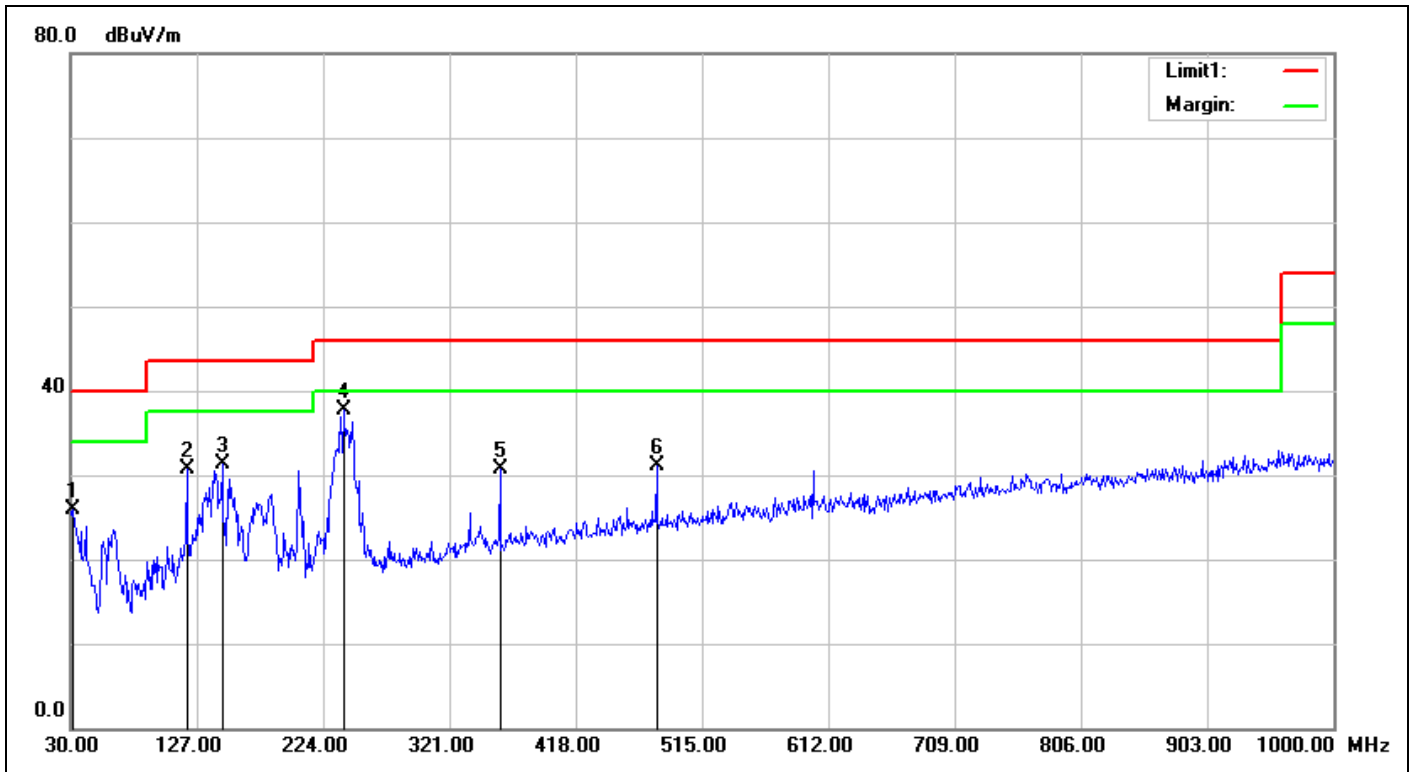
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



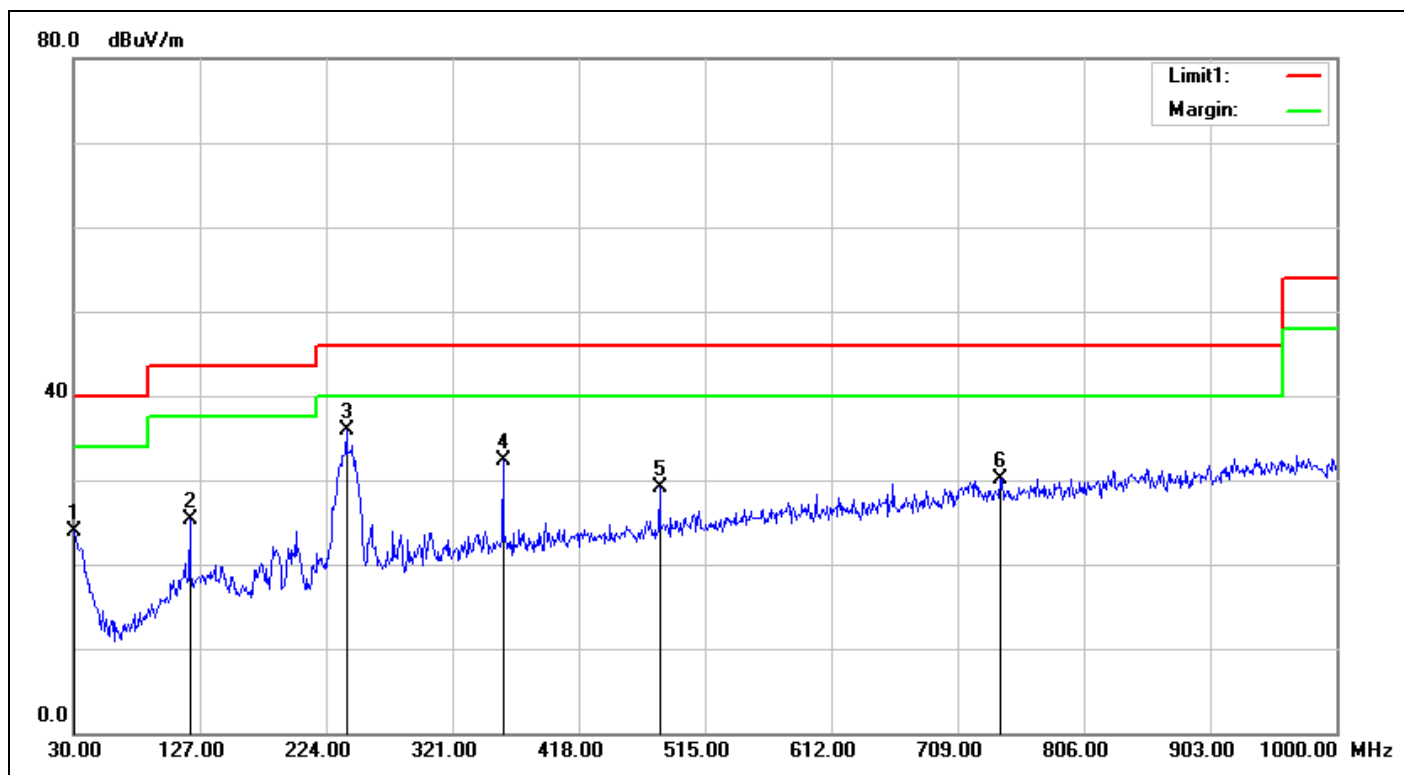
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/21 19:50:04
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5200-TX		
Remark:			

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	34.15	26.65	43.50	-16.85	QP	100	85	
2	205.5700	-8.70	38.15	29.45	43.50	-14.05	QP	100	85	
3	242.4300	-6.57	41.48	34.91	46.00	-11.09	QP	100	189	
4	337.4900	-3.65	33.04	29.39	46.00	-16.61	QP	100	209	
5	359.8000	-3.16	34.95	31.79	46.00	-14.21	QP	100	98	
6	480.0800	-1.47	34.20	32.73	46.00	-13.27	QP	100	75	



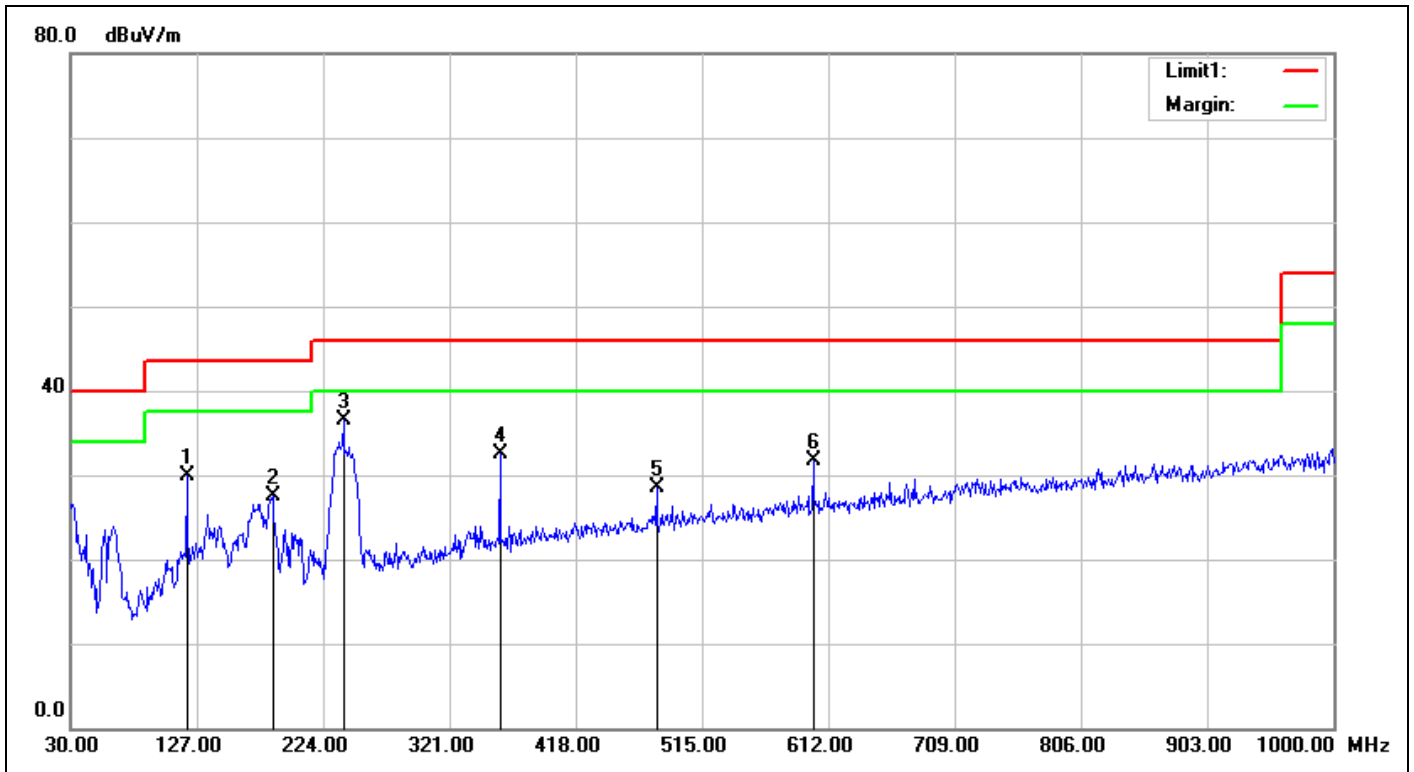
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/21 19:50:57
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	31.9400	-1.36	27.18	25.82	40.00	-14.18	QP	100	194	
2	119.2400	-7.50	38.16	30.66	43.50	-12.84	QP	100	144	
3	146.4000	-7.23	38.46	31.23	43.50	-12.27	QP	100	29	
4	239.5200	-6.85	44.57	37.72	46.00	-8.28	QP	100	322	
5	359.8000	-3.16	33.96	30.80	46.00	-15.20	QP	100	141	
6	480.0800	-1.47	32.63	31.16	46.00	-14.84	QP	100	0	



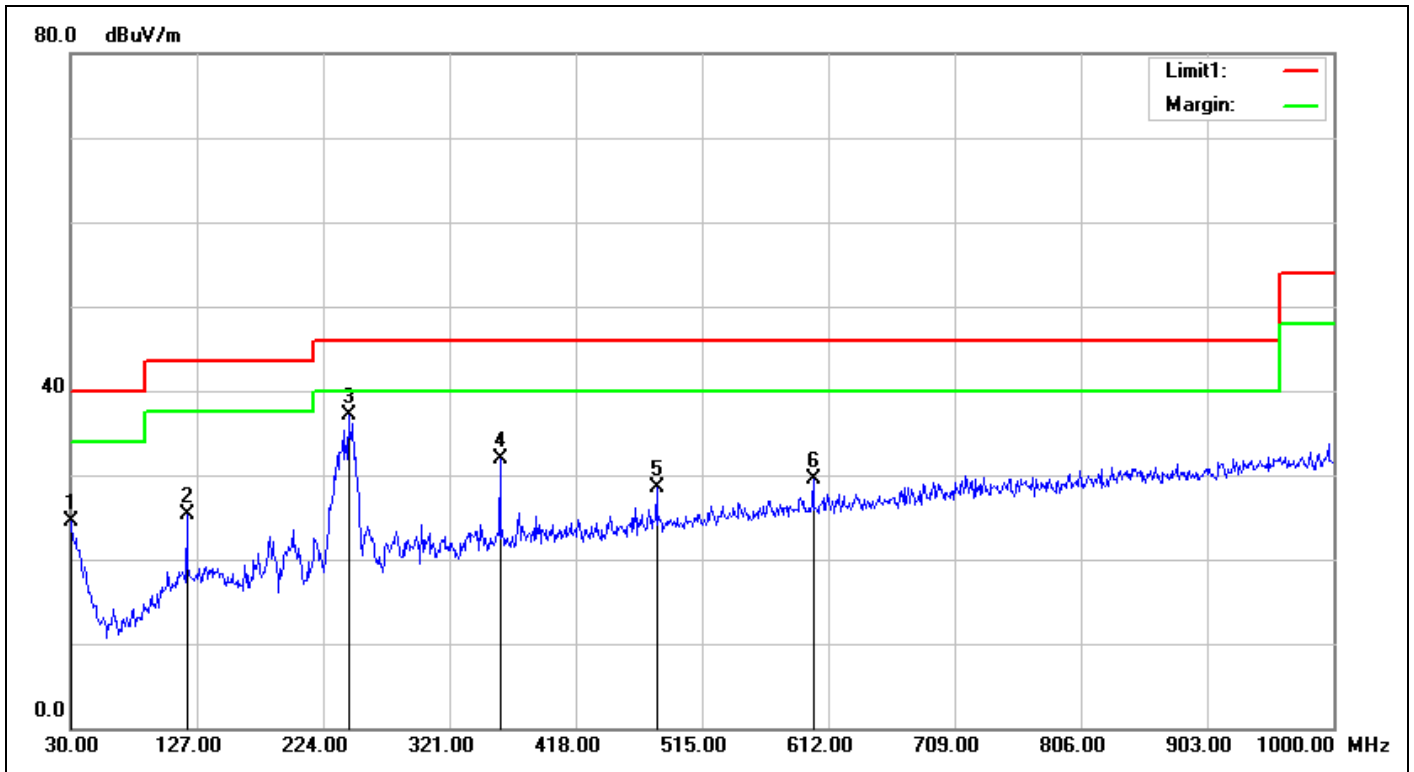
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/21 19:52:26
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5300-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.25	24.18	23.93	40.00	-16.07	QP	100	269	
2	119.2400	-7.50	32.74	25.24	43.50	-18.26	QP	100	68	
3	239.5200	-6.85	42.69	35.84	46.00	-10.16	QP	100	206	
4	359.8000	-3.16	35.39	32.23	46.00	-13.77	QP	100	91	
5	480.0800	-1.47	30.51	29.04	46.00	-16.96	QP	100	68	
6	741.9800	2.20	27.99	30.19	46.00	-15.81	QP	100	19	



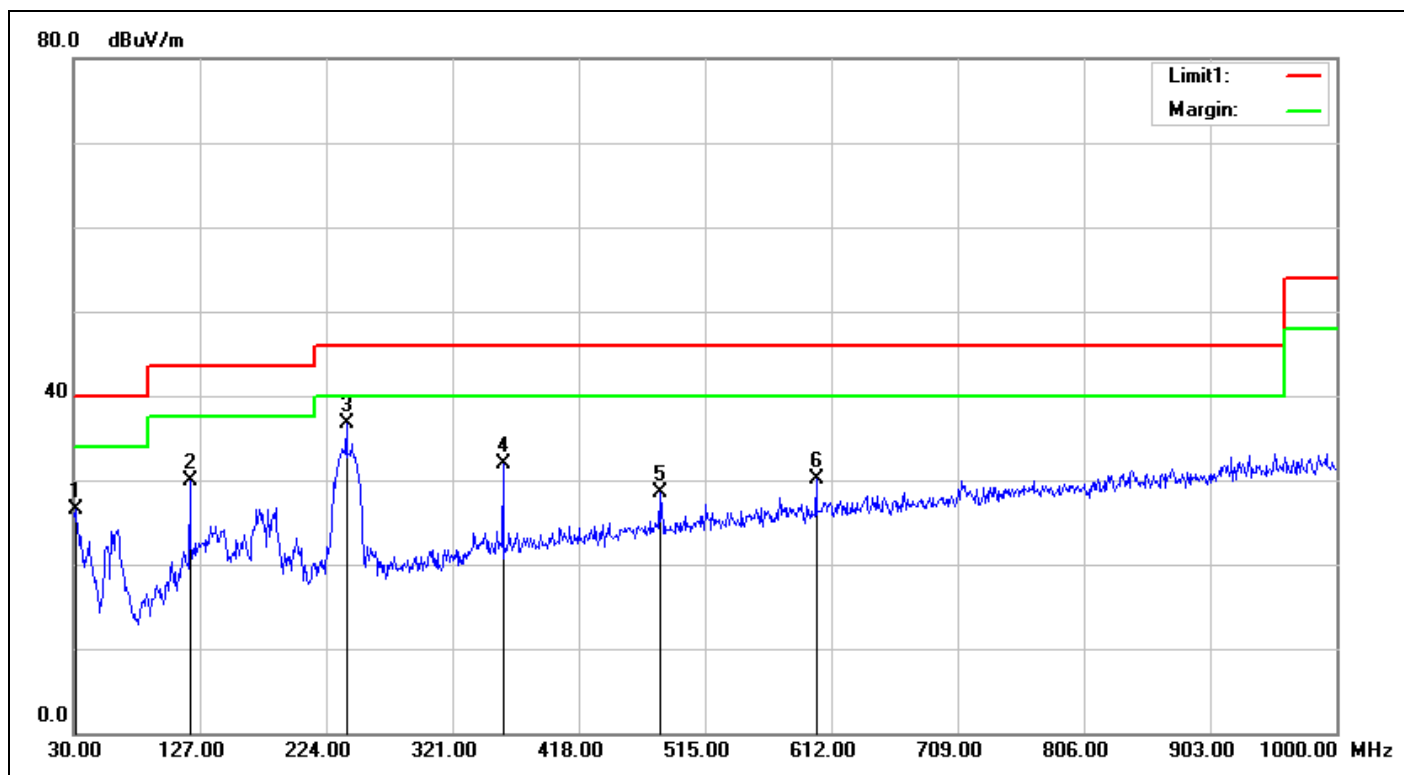
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/21 19:53:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5300-TX		
Remark:			

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	37.48	29.98	43.50	-13.52	QP	100	150	
2	185.2000	-9.59	37.02	27.43	43.50	-16.07	QP	100	88	
3	239.5200	-6.85	43.37	36.52	46.00	-9.48	QP	100	0	
4	359.8000	-3.16	35.62	32.46	46.00	-13.54	QP	100	137	
5	480.0800	-1.47	29.98	28.51	46.00	-17.49	QP	100	157	
6	600.3600	0.08	31.65	31.73	46.00	-14.27	QP	100	348	



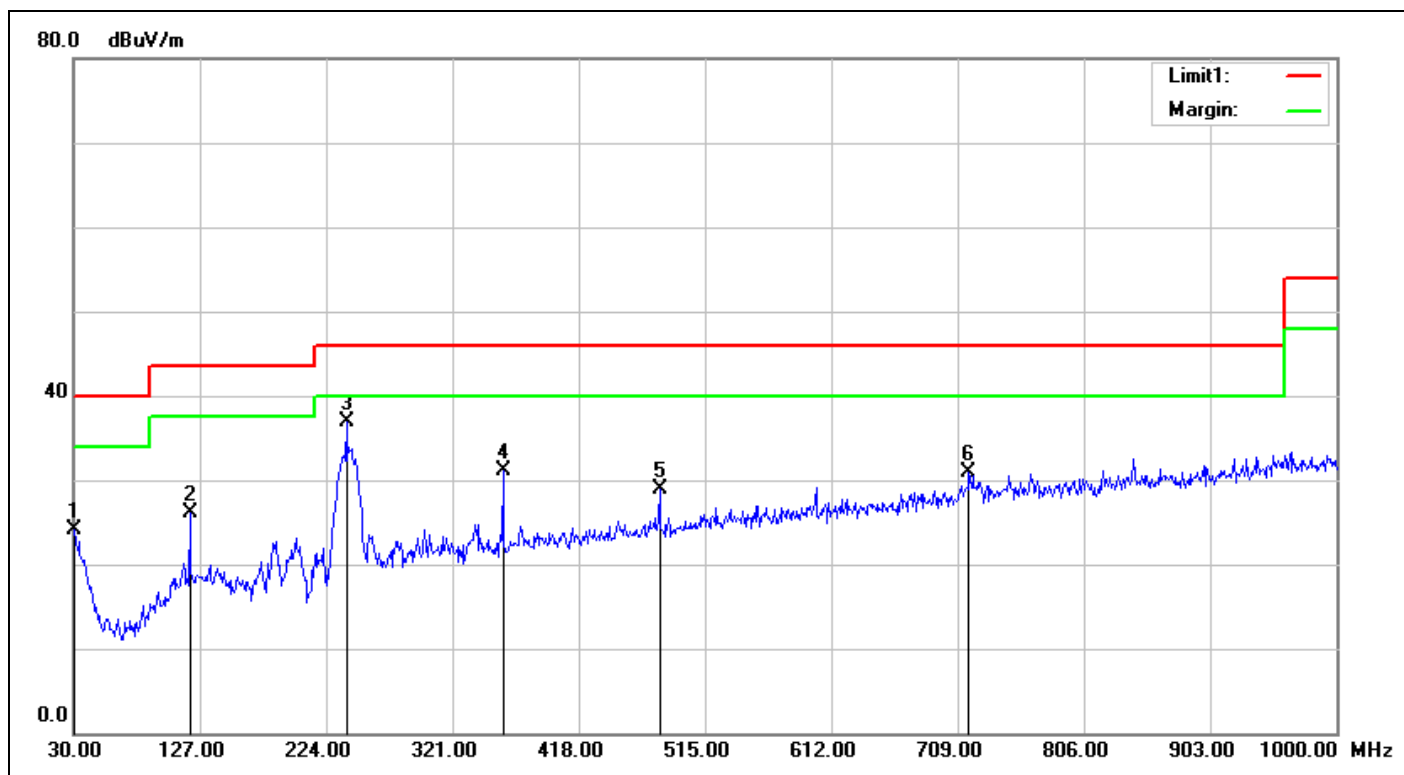
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/21 19:55:19
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5560-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.25	24.76	24.51	40.00	-15.49	QP	100	249	
2	119.2400	-7.50	32.74	25.24	43.50	-18.26	QP	100	49	
3	243.4000	-6.46	43.55	37.09	46.00	-8.91	QP	100	213	
4	359.8000	-3.16	34.98	31.82	46.00	-14.18	QP	100	137	
5	480.0800	-1.47	30.04	28.57	46.00	-17.43	QP	100	75	
6	600.3600	0.08	29.47	29.55	46.00	-16.45	QP	100	131	



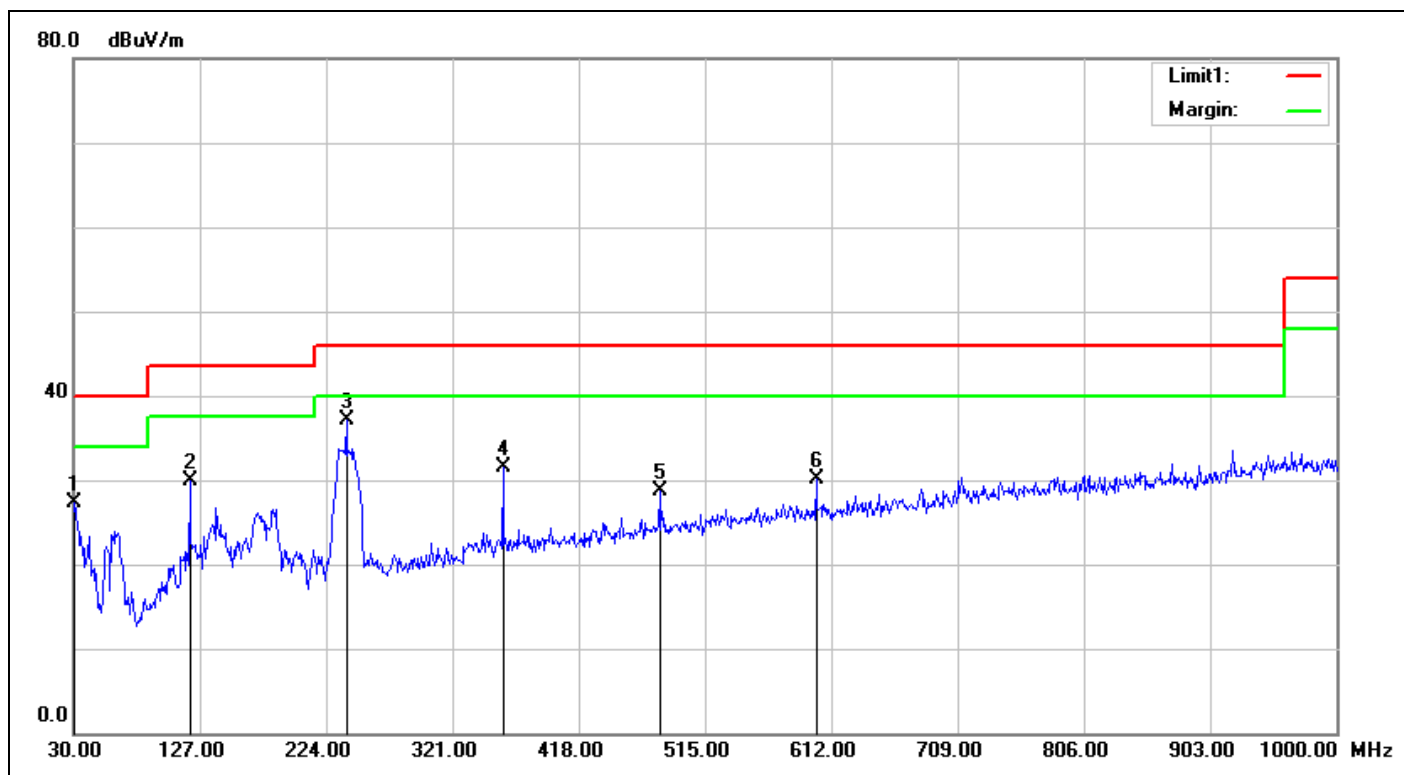
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/21 19:56:12
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5560-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	31.9400	-1.36	27.78	26.42	40.00	-13.58	QP	100	170	
2	119.2400	-7.50	37.50	30.00	43.50	-13.50	QP	100	150	
3	239.5200	-6.85	43.54	36.69	46.00	-9.31	QP	100	341	
4	359.8000	-3.16	35.05	31.89	46.00	-14.11	QP	100	144	
5	480.0800	-1.47	29.89	28.42	46.00	-17.58	QP	100	29	
6	600.3600	0.08	29.96	30.04	46.00	-15.96	QP	100	358	



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/21 20:00:28
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5785-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.25	24.34	24.09	40.00	-15.91	QP	100	272	
2	119.2400	-7.50	33.64	26.14	43.50	-17.36	QP	100	75	
3	239.5200	-6.85	43.75	36.90	46.00	-9.10	QP	100	233	
4	359.8000	-3.16	34.36	31.20	46.00	-14.80	QP	100	115	
5	480.0800	-1.47	30.34	28.87	46.00	-17.13	QP	100	59	
6	717.7300	1.66	29.19	30.85	46.00	-15.15	QP	100	220	



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/21 20:01:21
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5785-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.9700	-0.79	28.00	27.21	40.00	-12.79	QP	100	325	
2	119.2400	-7.50	37.46	29.96	43.50	-13.54	QP	100	148	
3	239.5200	-6.85	43.94	37.09	46.00	-8.91	QP	100	302	
4	359.8000	-3.16	34.68	31.52	46.00	-14.48	QP	100	148	
5	480.0800	-1.47	30.08	28.61	46.00	-17.39	QP	100	154	
6	600.3600	0.08	29.94	30.02	46.00	-15.98	QP	100	32	

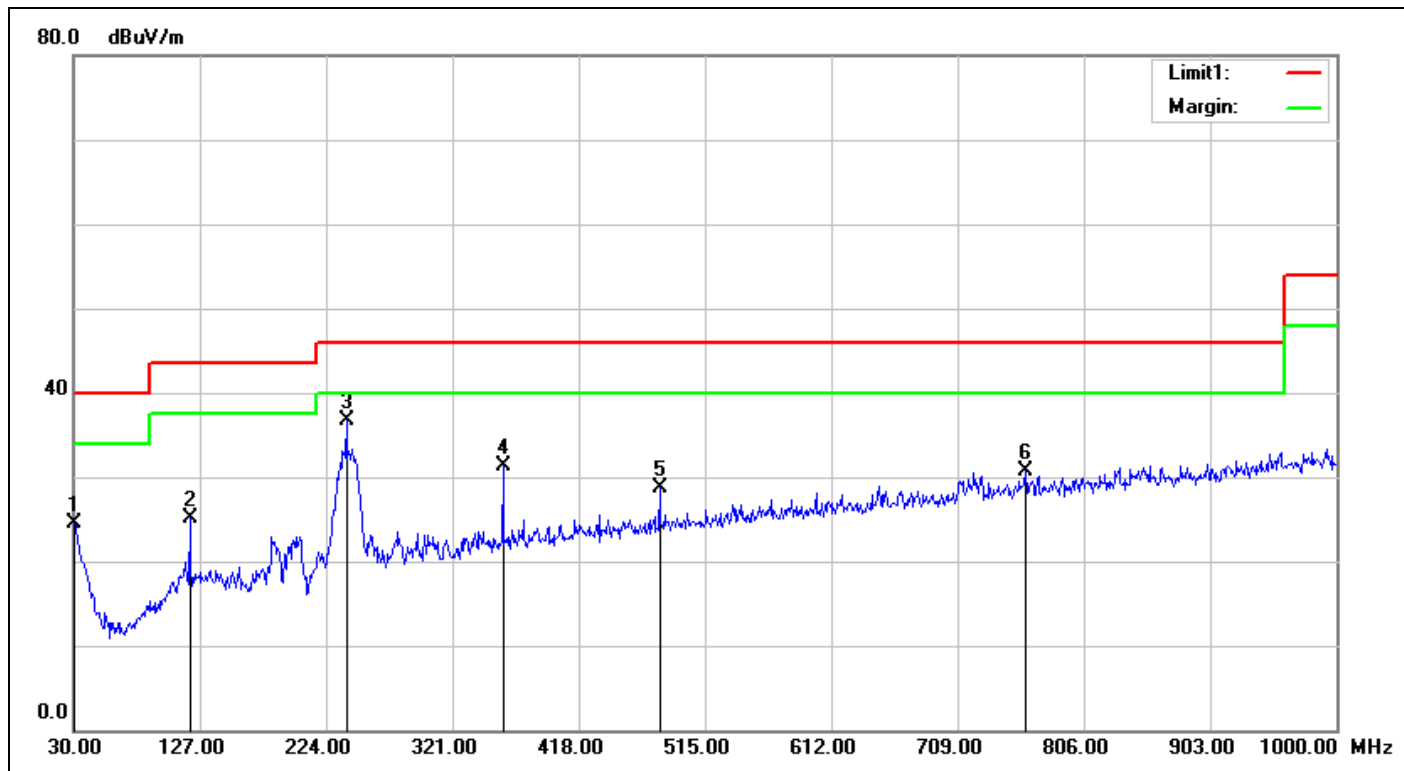
Spurious Emissions, TX Mode, 30M-1G, Straddle Channel



TUV Rheinland Taiwan Ltd.

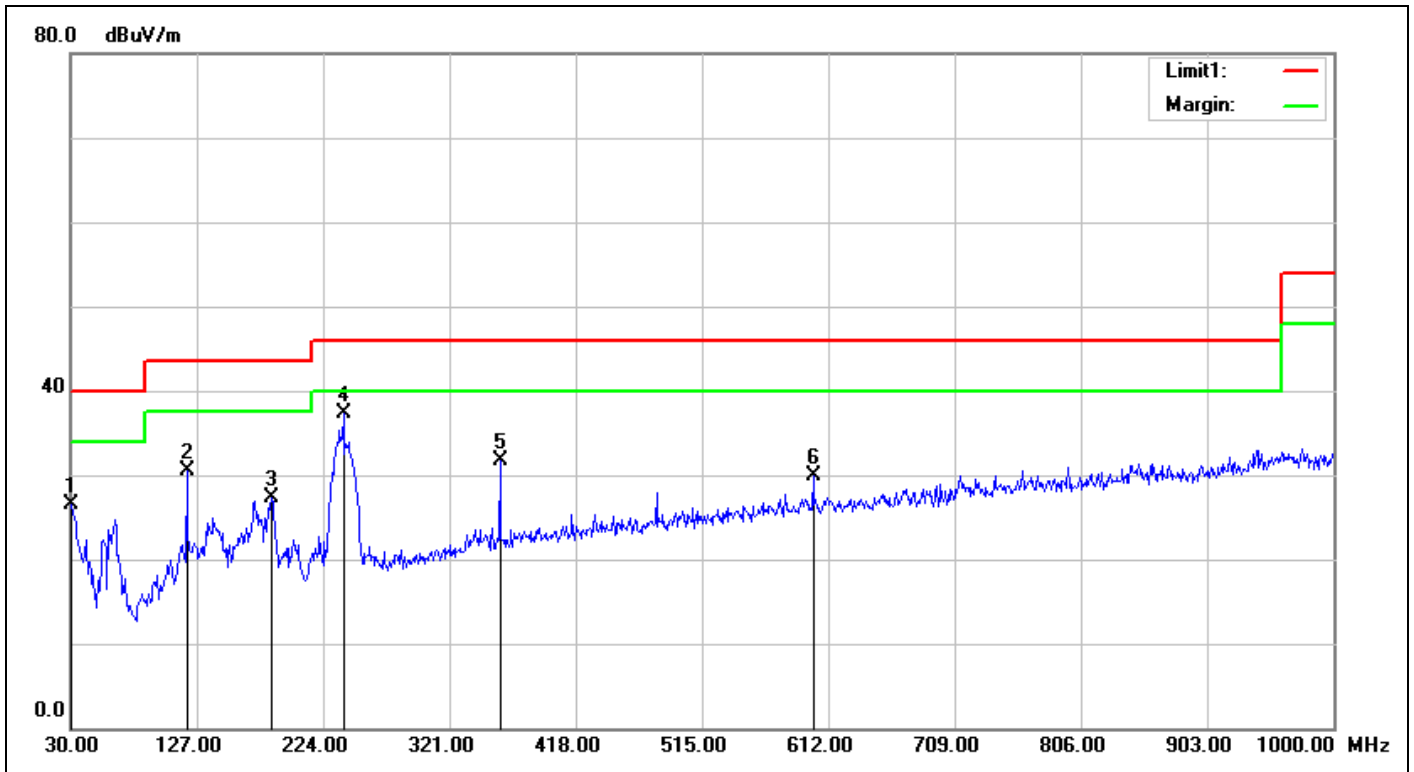
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/21 19:57:42
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5720-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.25	24.84	24.59	40.00	-15.41	QP	100	65	
2	119.2400	-7.50	32.62	25.12	43.50	-18.38	QP	100	81	
3	239.5200	-6.85	43.62	36.77	46.00	-9.23	QP	100	186	
4	359.8000	-3.16	34.53	31.37	46.00	-14.63	QP	100	48	
5	480.0800	-1.47	30.19	28.72	46.00	-17.28	QP	100	71	
6	761.3800	2.47	28.28	30.75	46.00	-15.25	QP	100	71	



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/21 19:58:35
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5720-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.25	26.80	26.55	40.00	-13.45	QP	100	157	
2	119.2400	-7.50	38.03	30.53	43.50	-12.97	QP	100	144	
3	184.2300	-9.60	36.85	27.25	43.50	-16.25	QP	100	150	
4	239.5200	-6.85	44.11	37.26	46.00	-8.74	QP	100	332	
5	359.8000	-3.16	34.79	31.63	46.00	-14.37	QP	100	141	
6	600.3600	0.08	29.86	29.94	46.00	-16.06	QP	100	348	

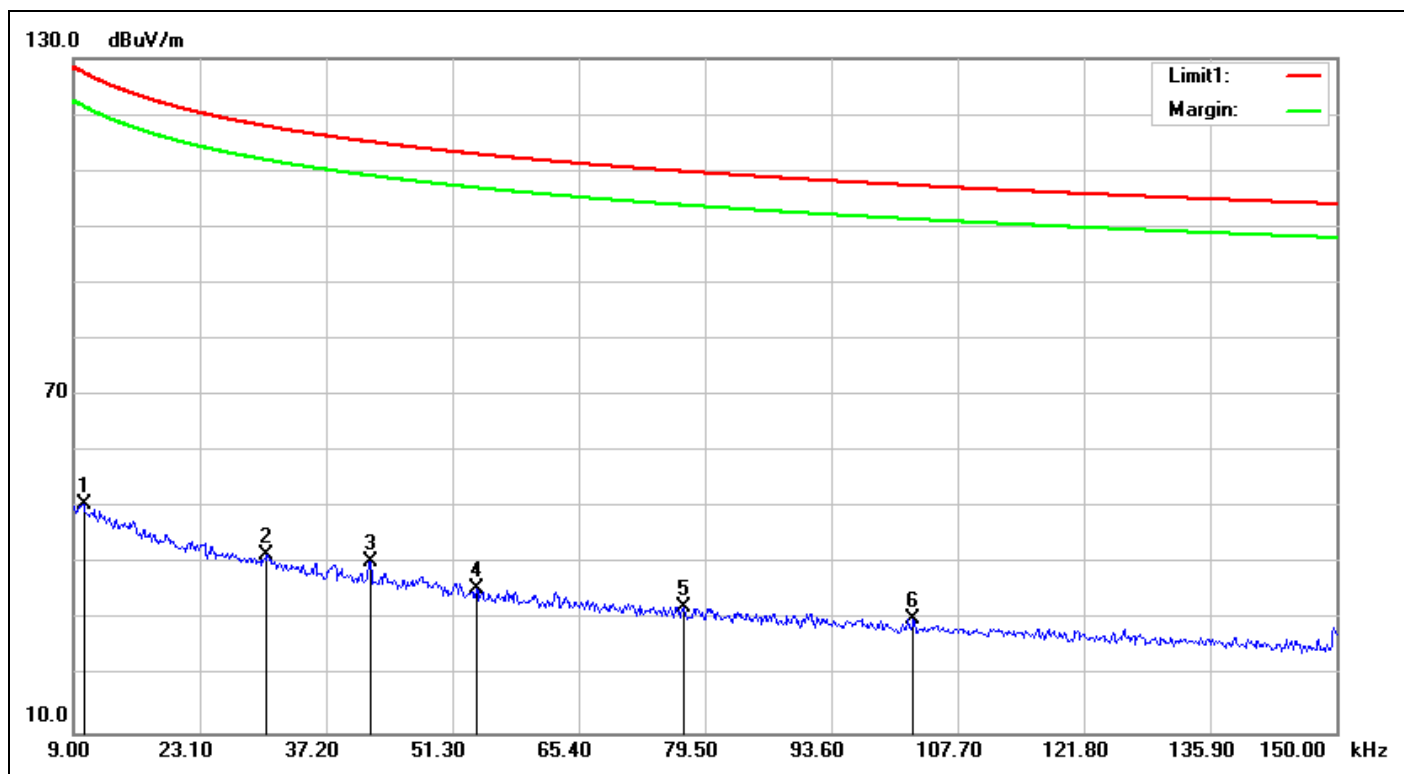
Spurious Emissions, TX Mode, 9K-30M



TUV Rheinland Taiwan Ltd.

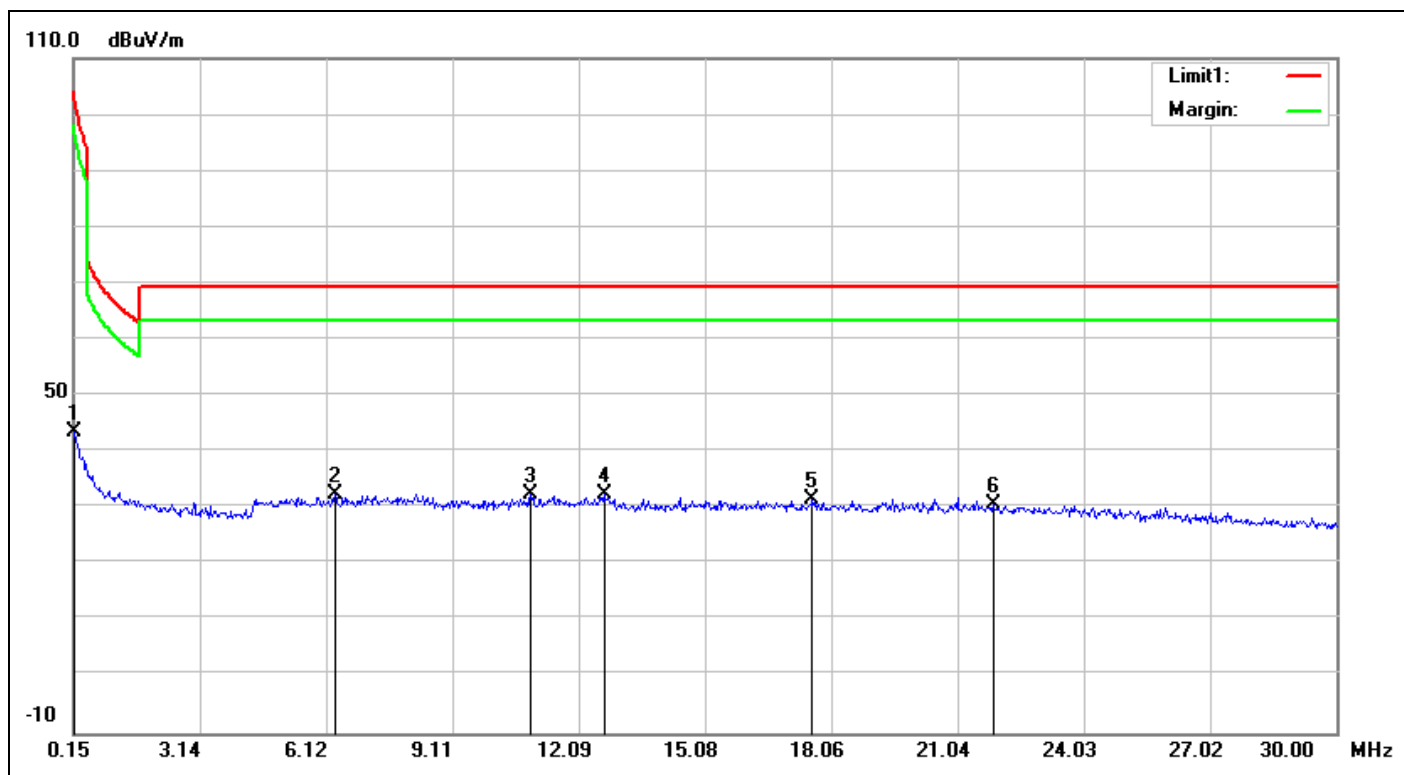
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



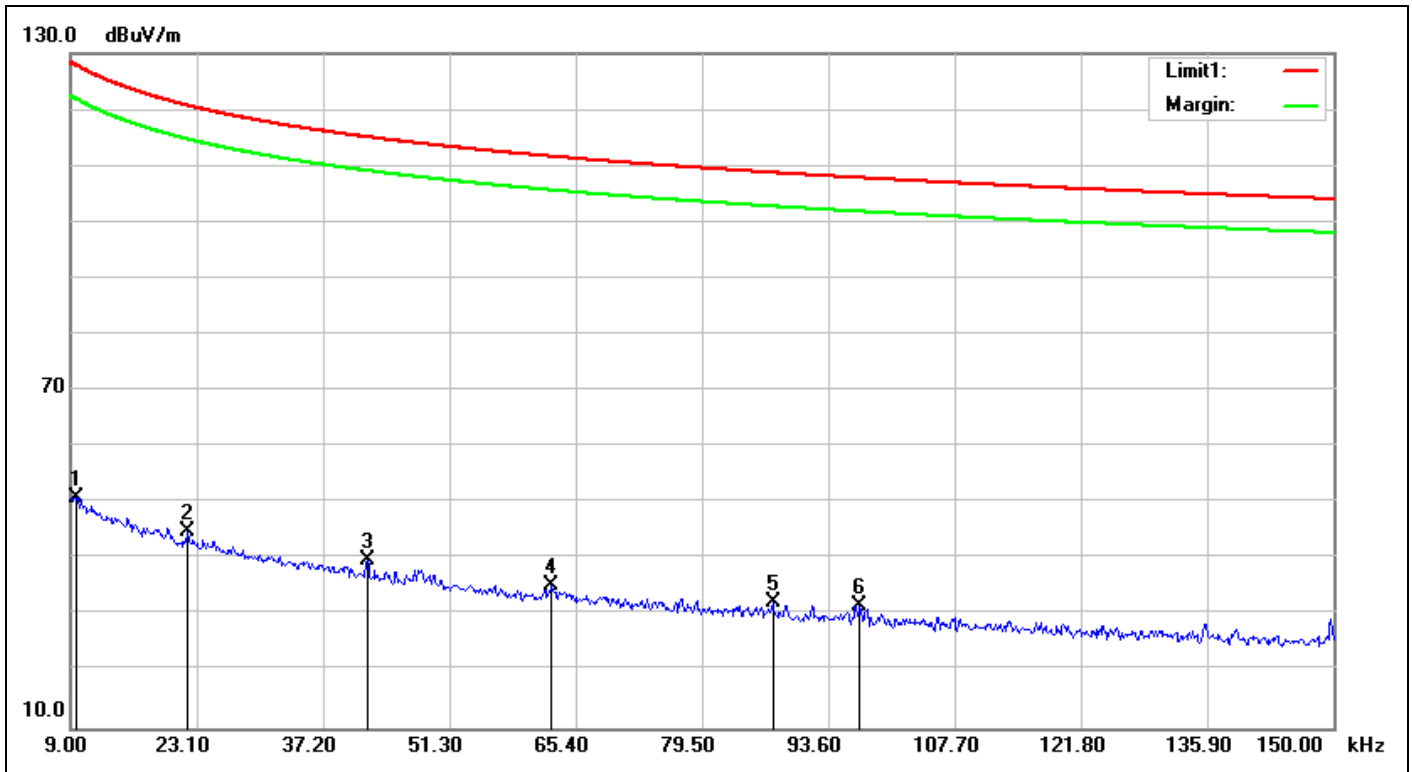
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:20:54
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0101	19.93	30.80	50.73	127.50	-76.77	QP	100	341	
2	0.0305	20.11	21.52	41.63	117.90	-76.27	QP	100	121	
3	0.0421	19.71	20.82	40.53	115.11	-74.58	QP	100	321	
4	0.0539	19.41	16.31	35.72	112.96	-77.24	QP	100	360	
5	0.0771	19.27	12.95	32.22	109.85	-77.63	QP	100	78	
6	0.1027	19.13	11.12	30.25	107.37	-77.12	QP	100	49	



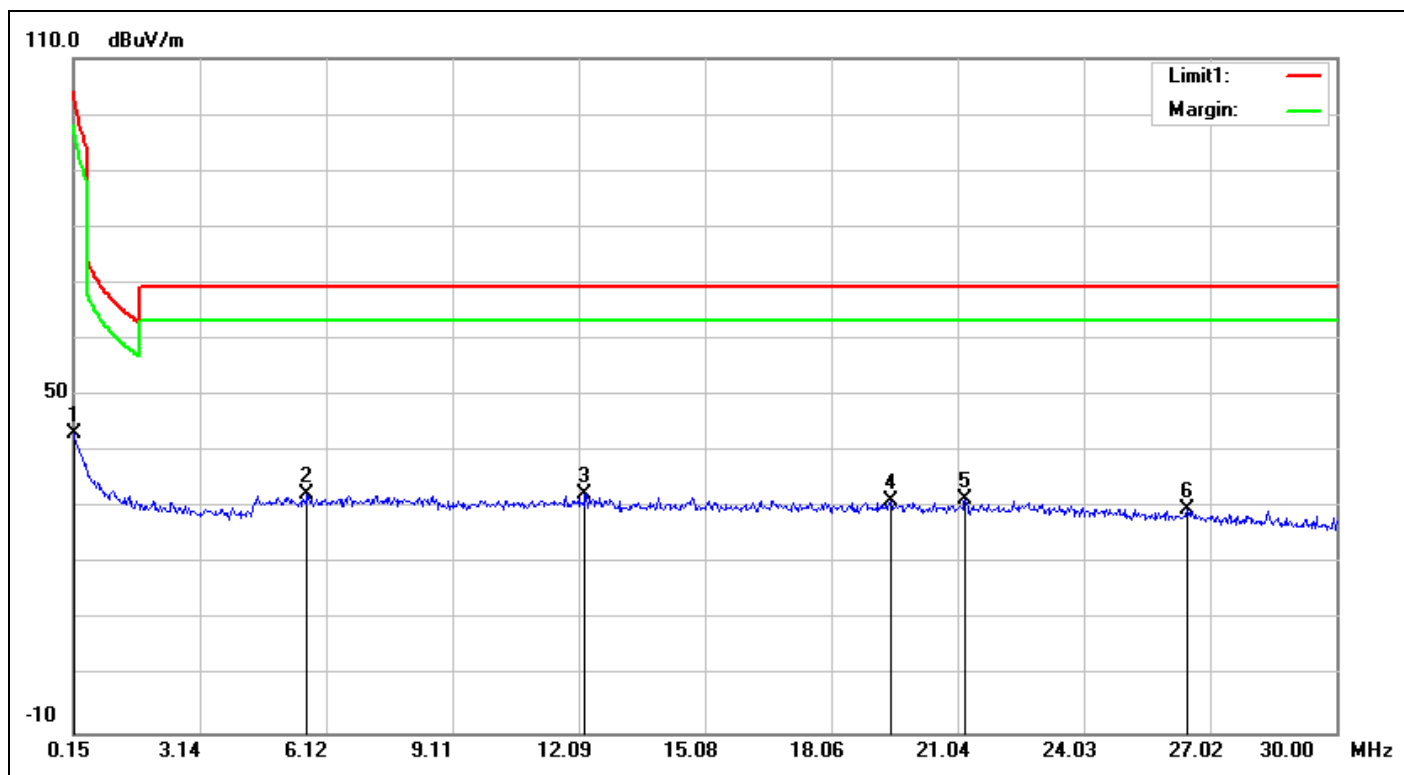
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:34:35
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1798	19.06	24.43	43.49	102.50	-59.01	QP	100	160	
2	6.3289	19.89	12.45	32.34	69.50	-37.16	QP	100	25	
3	10.9557	20.39	12.07	32.46	69.50	-37.04	QP	100	203	
4	12.6870	20.70	11.65	32.35	69.50	-37.15	QP	100	98	
5	17.6122	21.56	9.97	31.53	69.50	-37.97	QP	100	157	
6	21.8808	22.11	8.52	30.63	69.50	-38.87	QP	100	193	



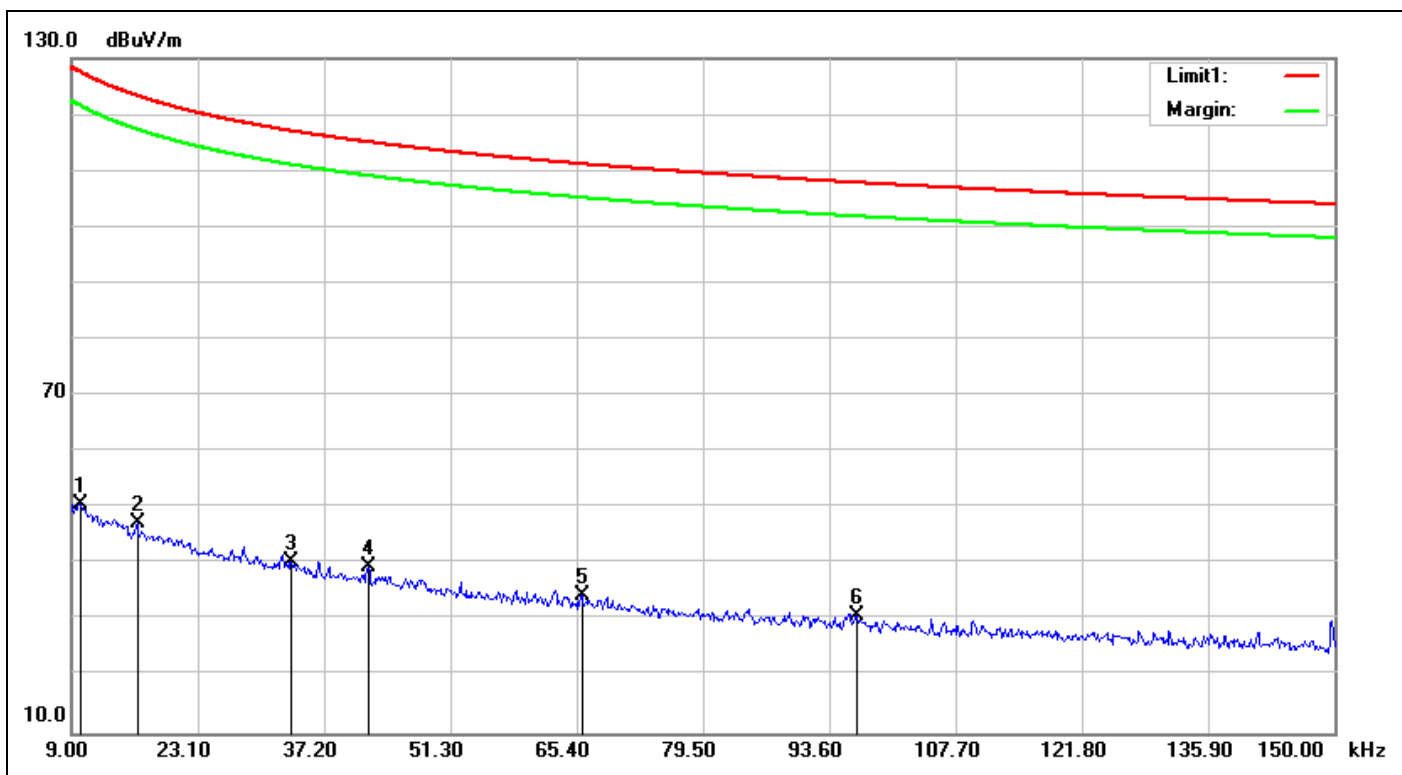
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:23:39
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5300-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0097	19.81	31.17	50.98	127.85	-76.87	QP	100	359	
2	0.0221	20.05	24.78	44.83	120.70	-75.87	QP	100	360	
3	0.0421	19.71	20.04	39.75	115.11	-75.36	QP	100	229	
4	0.0627	19.35	16.04	35.39	111.65	-76.26	QP	100	348	
5	0.0873	19.21	13.11	32.32	108.78	-76.46	QP	100	35	
6	0.0971	19.15	12.51	31.66	107.85	-76.19	QP	100	153	



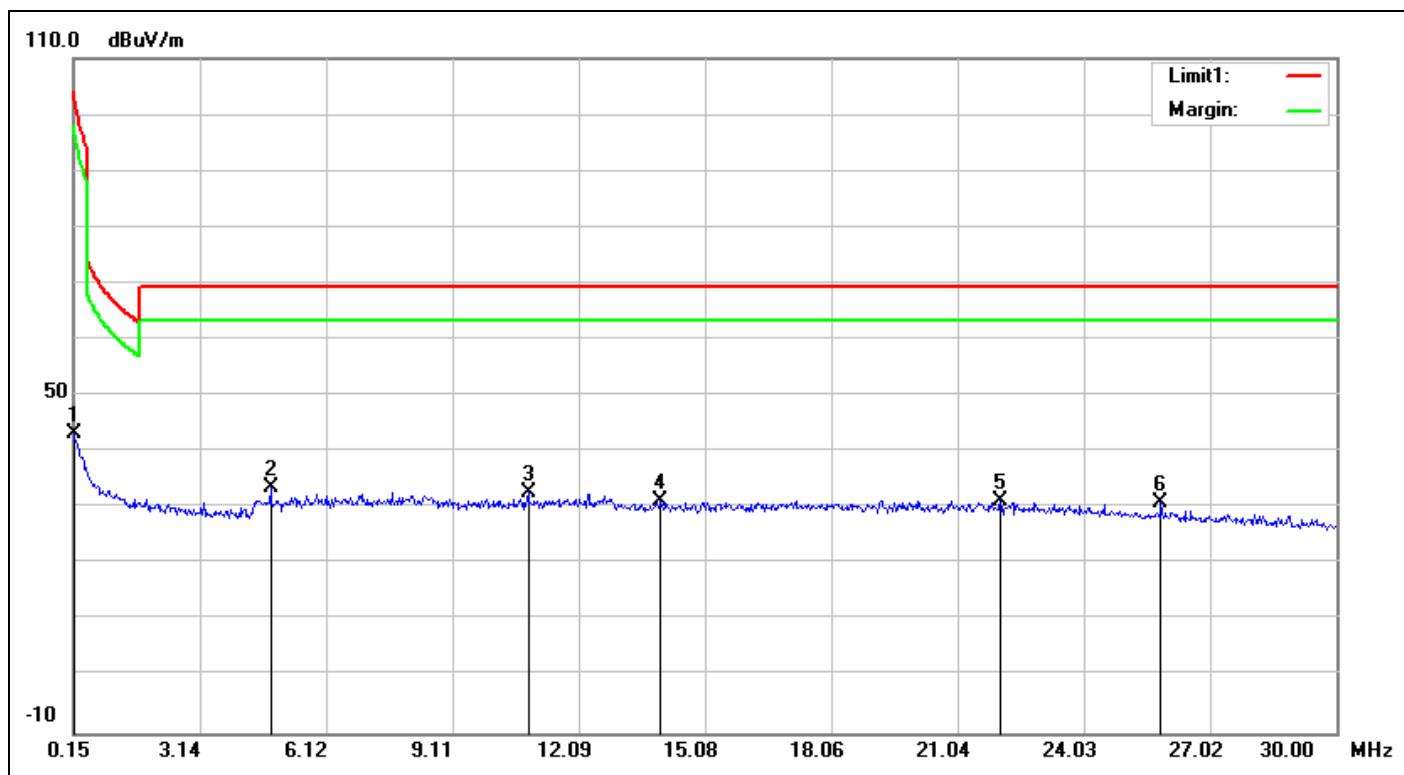
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:37:38
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5300-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1798	19.06	24.14	43.20	102.50	-59.30	QP	100	1	
2	5.6722	19.82	12.59	32.41	69.50	-37.09	QP	100	350	
3	12.2392	20.61	11.99	32.60	69.50	-36.90	QP	100	360	
4	19.4629	21.89	9.35	31.24	69.50	-38.26	QP	100	160	
5	21.2241	22.06	9.40	31.46	69.50	-38.04	QP	100	97	
6	26.4777	22.42	7.26	29.68	69.50	-39.82	QP	100	186	



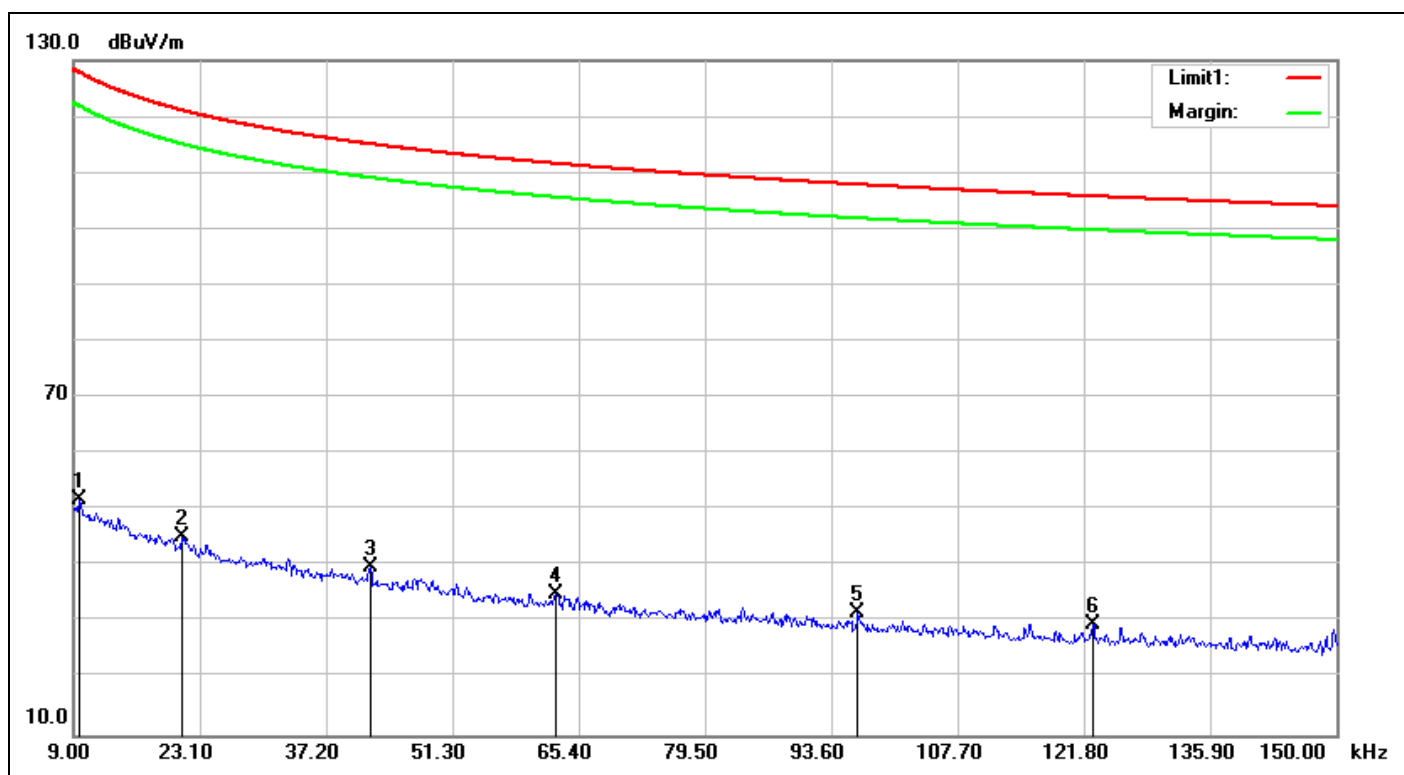
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:26:33
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5560-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0099	19.89	30.80	50.69	127.67	-76.98	QP	100	62	
2	0.0163	19.99	27.27	47.26	123.34	-76.08	QP	100	262	
3	0.0335	20.01	20.41	40.42	117.09	-76.67	QP	100	190	
4	0.0421	19.71	19.97	39.68	115.11	-75.43	QP	100	3	
5	0.0659	19.33	15.03	34.36	111.22	-76.86	QP	100	292	
6	0.0967	19.15	11.75	30.90	107.89	-76.99	QP	100	177	



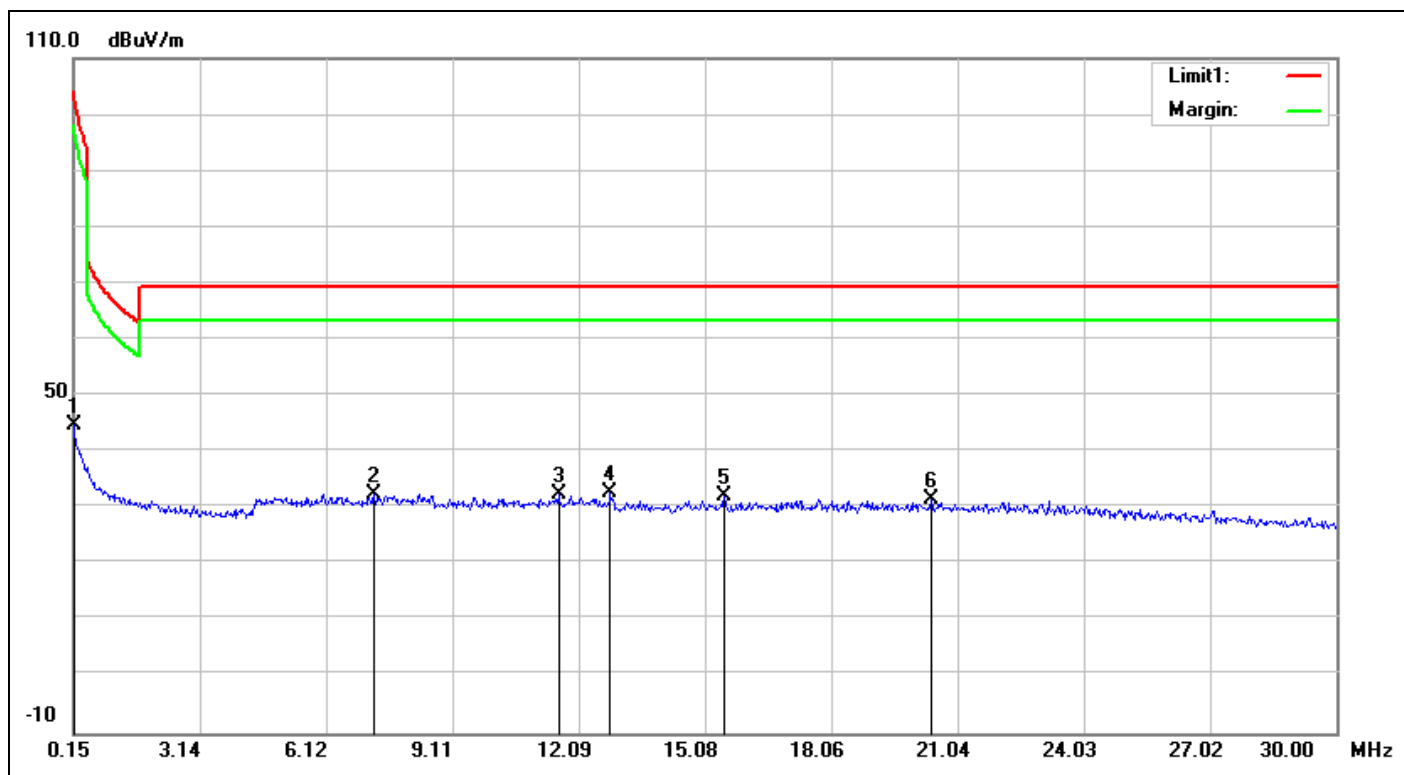
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:40:07
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5560-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1500	19.08	24.13	43.21	104.08	-60.87	QP	100	147	
2	4.8066	19.64	14.02	33.66	69.50	-35.84	QP	100	288	
3	10.8960	20.38	12.37	32.75	69.50	-36.75	QP	100	167	
4	14.0302	20.94	10.40	31.34	69.50	-38.16	QP	100	275	
5	22.0599	22.12	9.17	31.29	69.50	-38.21	QP	100	242	
6	25.8508	22.37	8.60	30.97	69.50	-38.53	QP	100	354	



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:31:28
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5785-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0097	19.81	32.02	51.83	127.85	-76.02	QP	100	3	
2	0.0211	20.04	25.10	45.14	121.10	-75.96	QP	100	222	
3	0.0421	19.71	20.18	39.89	115.11	-75.22	QP	100	354	
4	0.0628	19.35	15.81	35.16	111.63	-76.47	QP	100	167	
5	0.0965	19.15	12.64	31.79	107.91	-76.12	QP	100	157	
6	0.1227	19.11	10.68	29.79	105.82	-76.03	QP	100	187	



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:45:13
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5785-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1500	19.08	25.62	44.70	104.08	-59.38	QP	100	282	
2	7.2543	19.97	12.62	32.59	69.50	-36.91	QP	100	351	
3	11.6123	20.50	11.82	32.32	69.50	-37.18	QP	100	9	
4	12.8362	20.72	12.15	32.87	69.50	-36.63	QP	100	220	
5	15.5227	21.20	10.82	32.02	69.50	-37.48	QP	100	359	
6	20.4181	22.02	9.55	31.57	69.50	-37.93	QP	100	59	

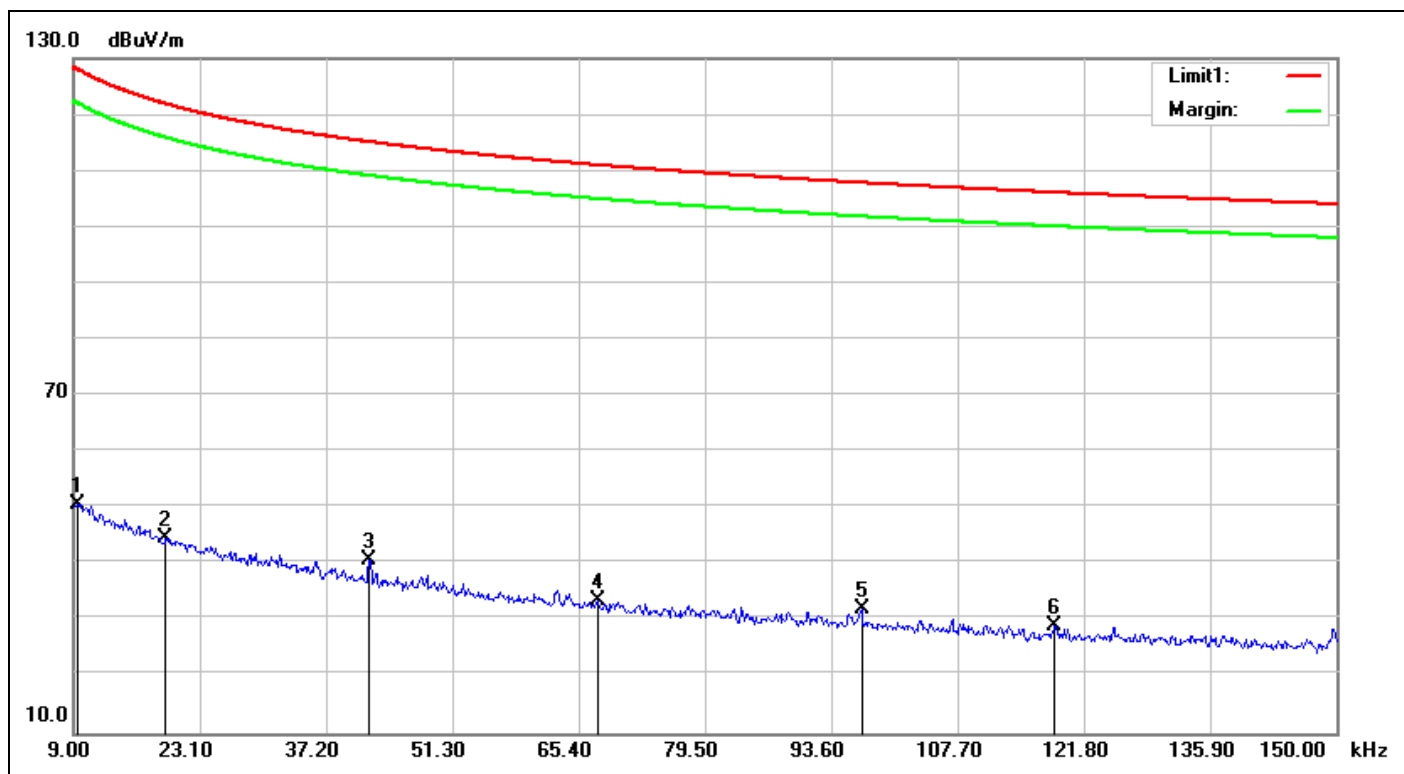
Spurious Emissions, TX Mode, 9K-30M, Straddle Channel



TUV Rheinland Taiwan Ltd.

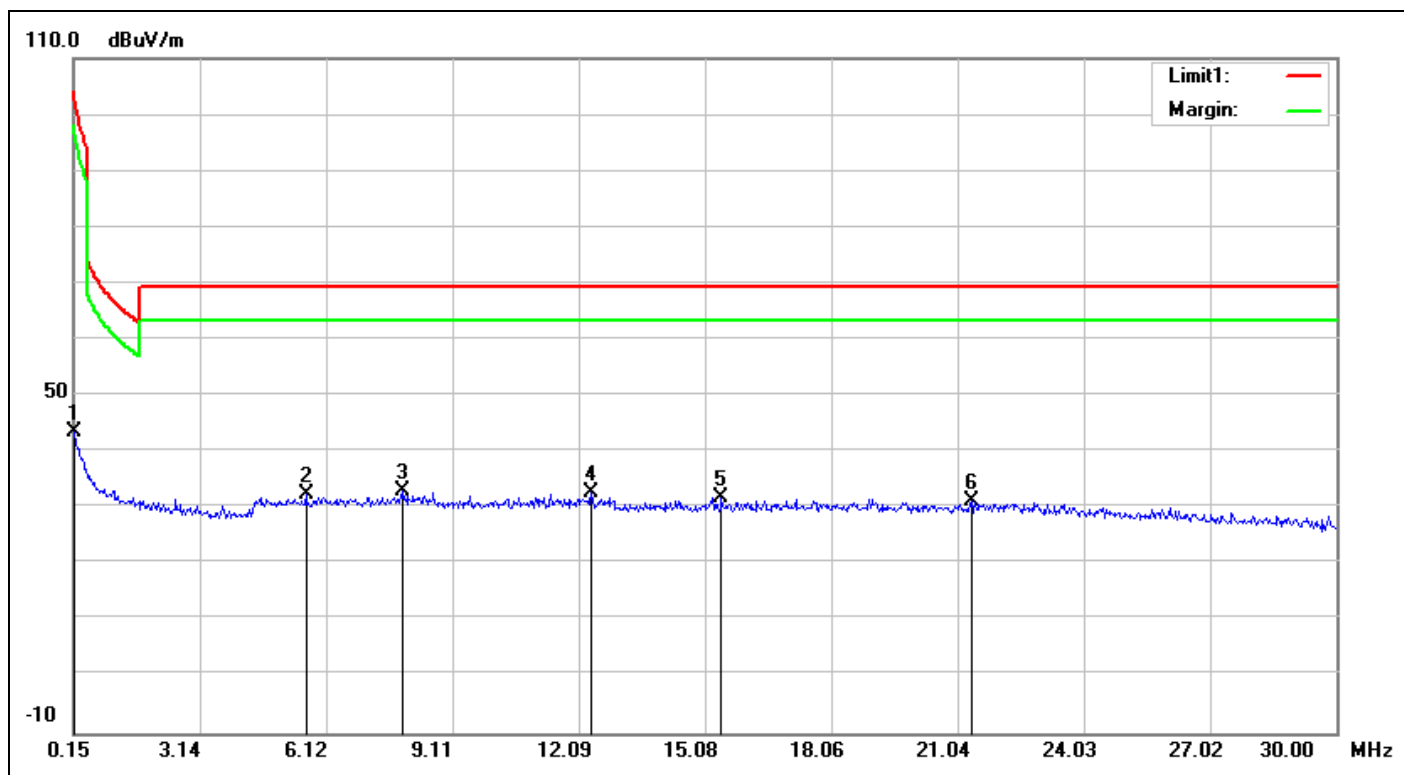
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:29:07
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5720-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0094	19.69	30.96	50.65	128.12	-77.47	QP	100	253	
2	0.0192	20.02	24.54	44.56	121.92	-77.36	QP	100	222	
3	0.0419	19.71	21.19	40.90	115.15	-74.25	QP	100	177	
4	0.0675	19.32	14.29	33.61	111.01	-77.40	QP	100	360	
5	0.0969	19.15	12.84	31.99	107.87	-75.88	QP	100	167	
6	0.1185	19.11	10.07	29.18	106.12	-76.94	QP	100	22	



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:42:44
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5720-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1798	19.06	24.36	43.42	102.50	-59.08	QP	100	229	
2	5.6424	19.82	12.66	32.48	69.50	-37.02	QP	100	360	
3	7.9408	20.04	12.87	32.91	69.50	-36.59	QP	100	120	
4	12.3885	20.65	12.22	32.87	69.50	-36.63	QP	100	193	
5	15.4630	21.19	10.55	31.74	69.50	-37.76	QP	100	42	
6	21.3733	22.07	9.10	31.17	69.50	-38.33	QP	100	32	

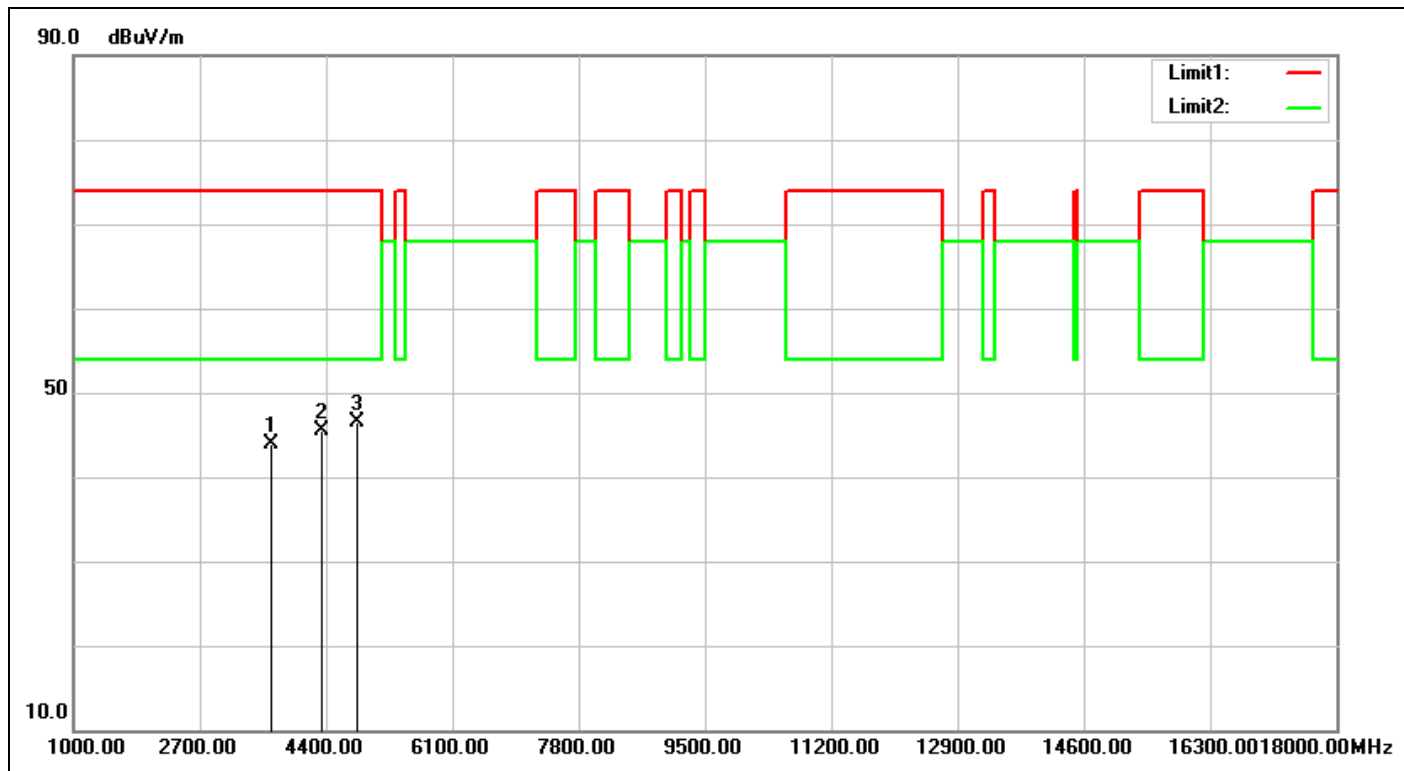
Spurious Emissions, RX Mode, 1G-18G



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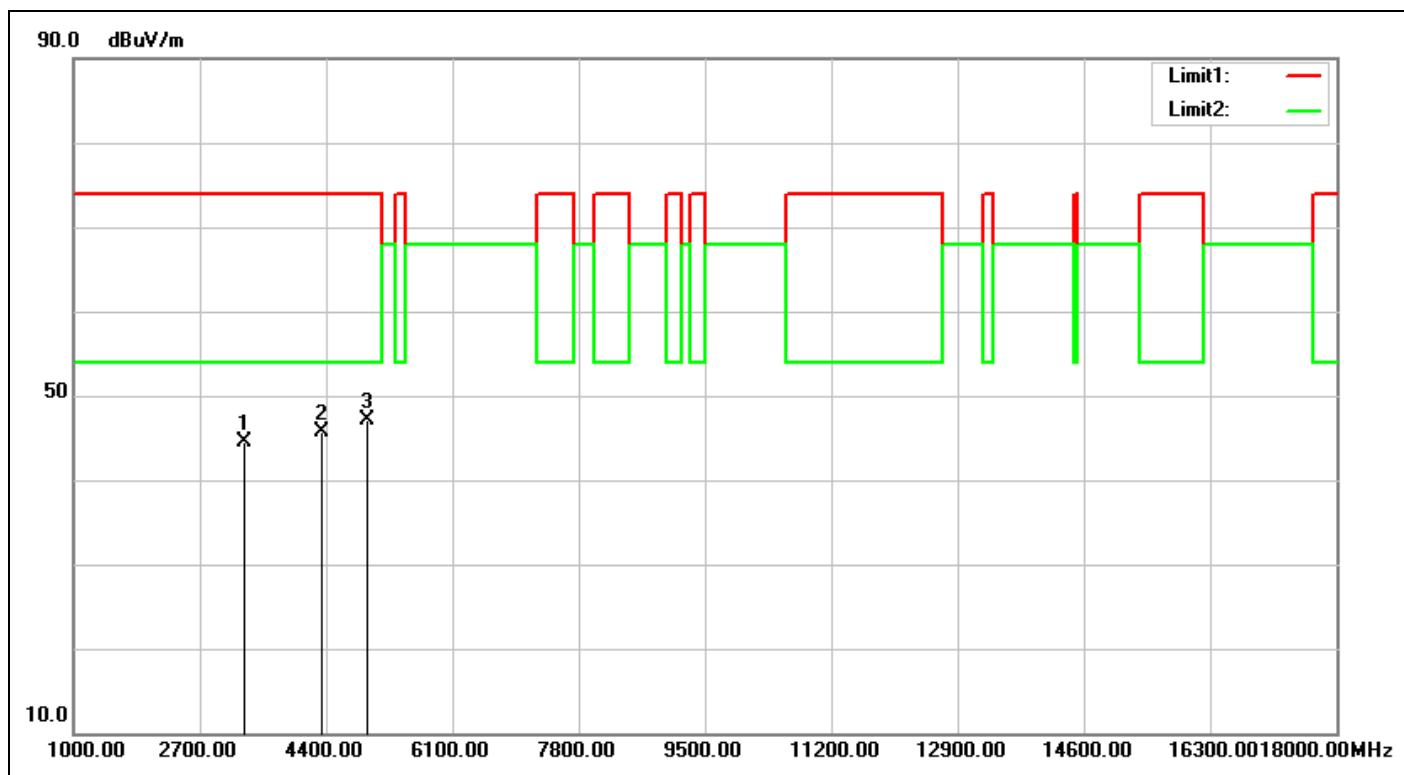
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



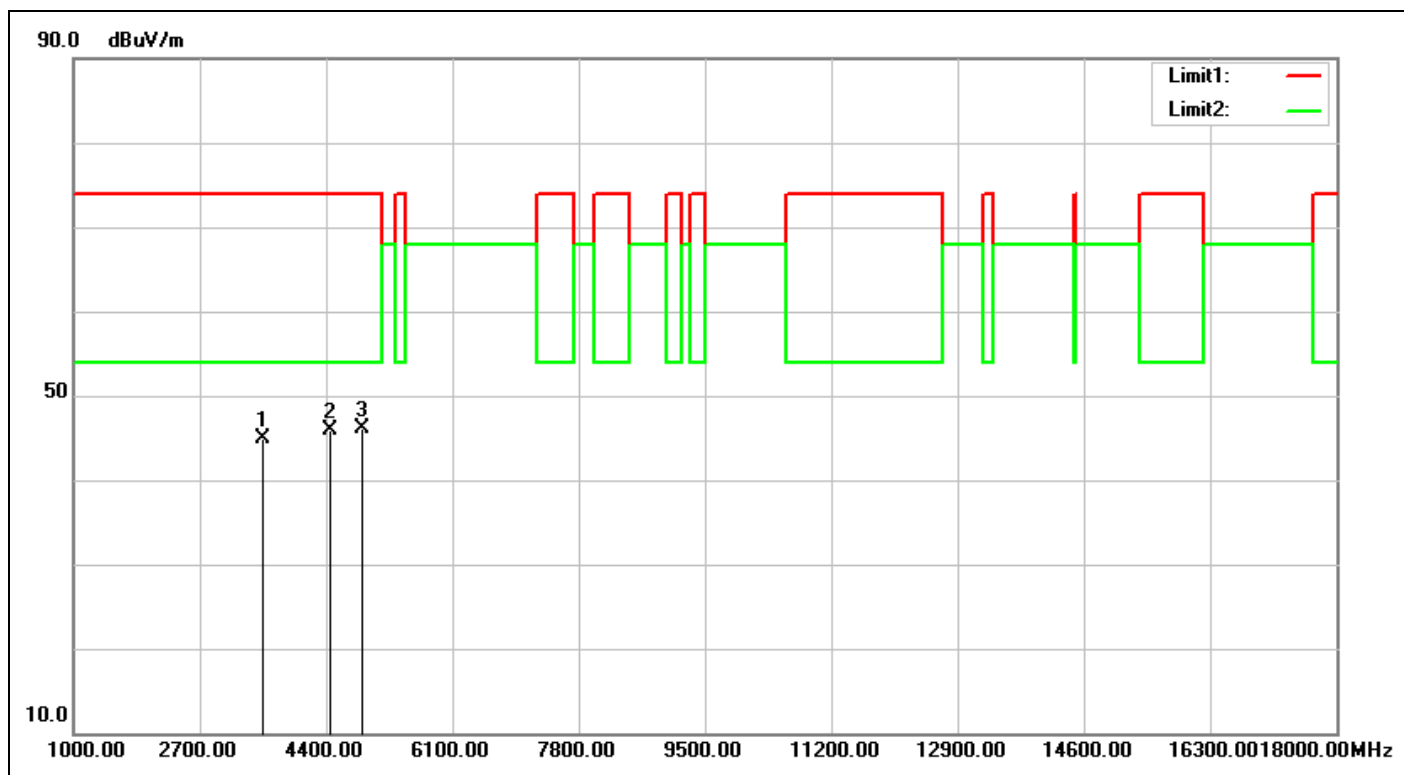
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:13:25
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5200-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3669.000	-6.51	50.48	43.97	74.00	-30.03	peak	100	304	
2	4349.000	-4.58	50.18	45.60	74.00	-28.40	peak	100	232	
3	4825.000	-3.50	50.01	46.51	74.00	-27.49	peak	100	0	



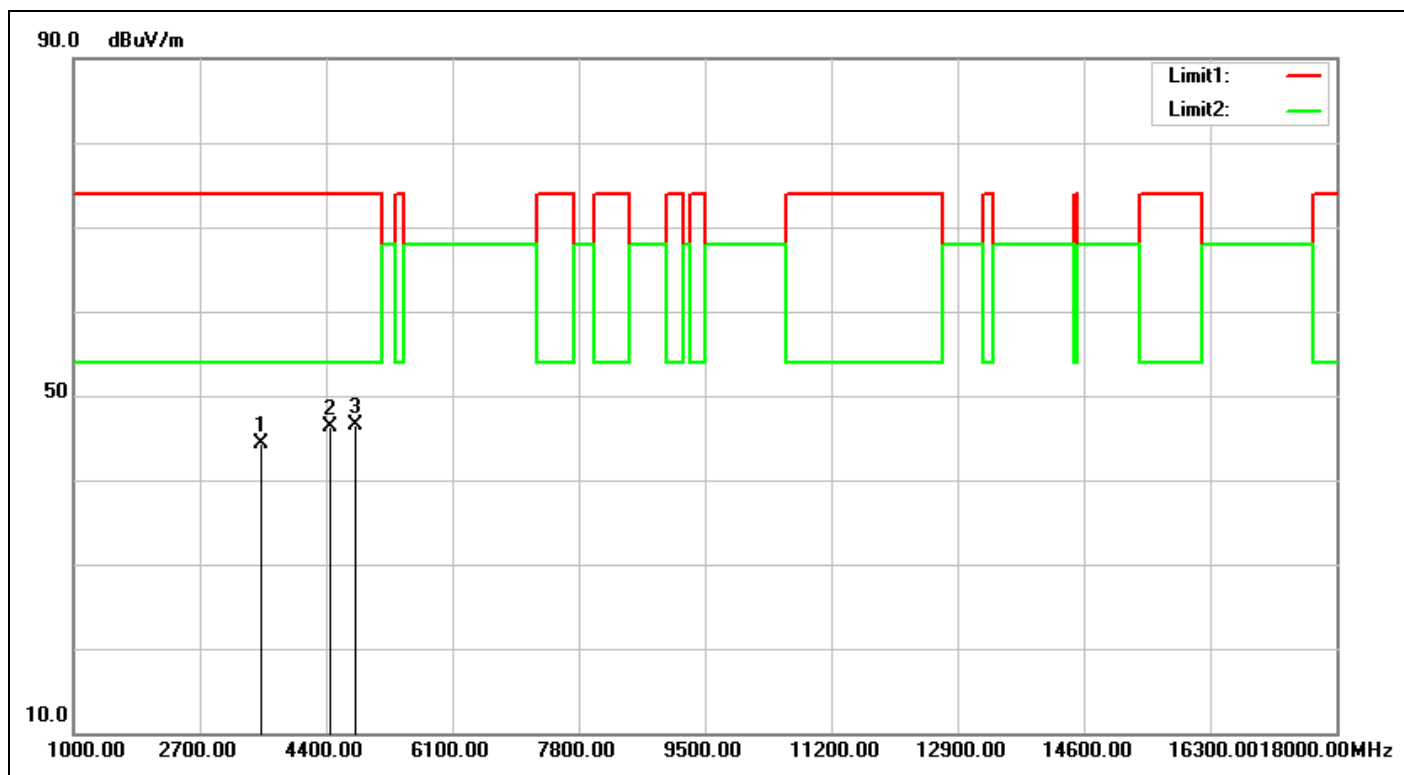
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:14:17
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5200-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3295.000	-6.98	51.46	44.48	74.00	-29.52	peak	100	203	
2	4349.000	-4.58	50.27	45.69	74.00	-28.31	peak	100	2	
3	4944.000	-3.29	50.32	47.03	74.00	-26.97	peak	100	66	



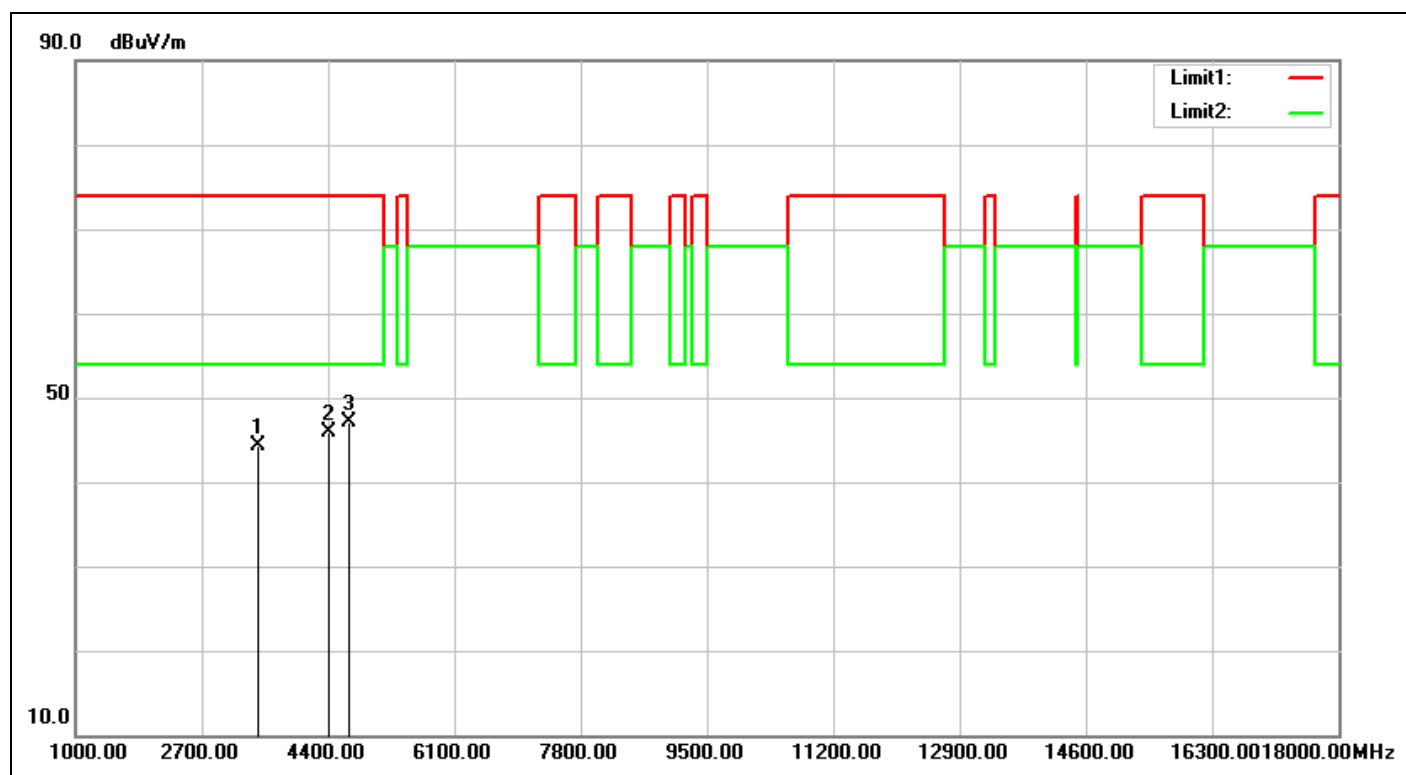
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:16:16
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5300-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3550.000	-6.74	51.73	44.99	74.00	-29.01	peak	100	181	
2	4451.000	-4.21	50.19	45.98	74.00	-28.02	peak	100	267	
3	4893.000	-3.39	49.52	46.13	74.00	-27.87	peak	100	103	



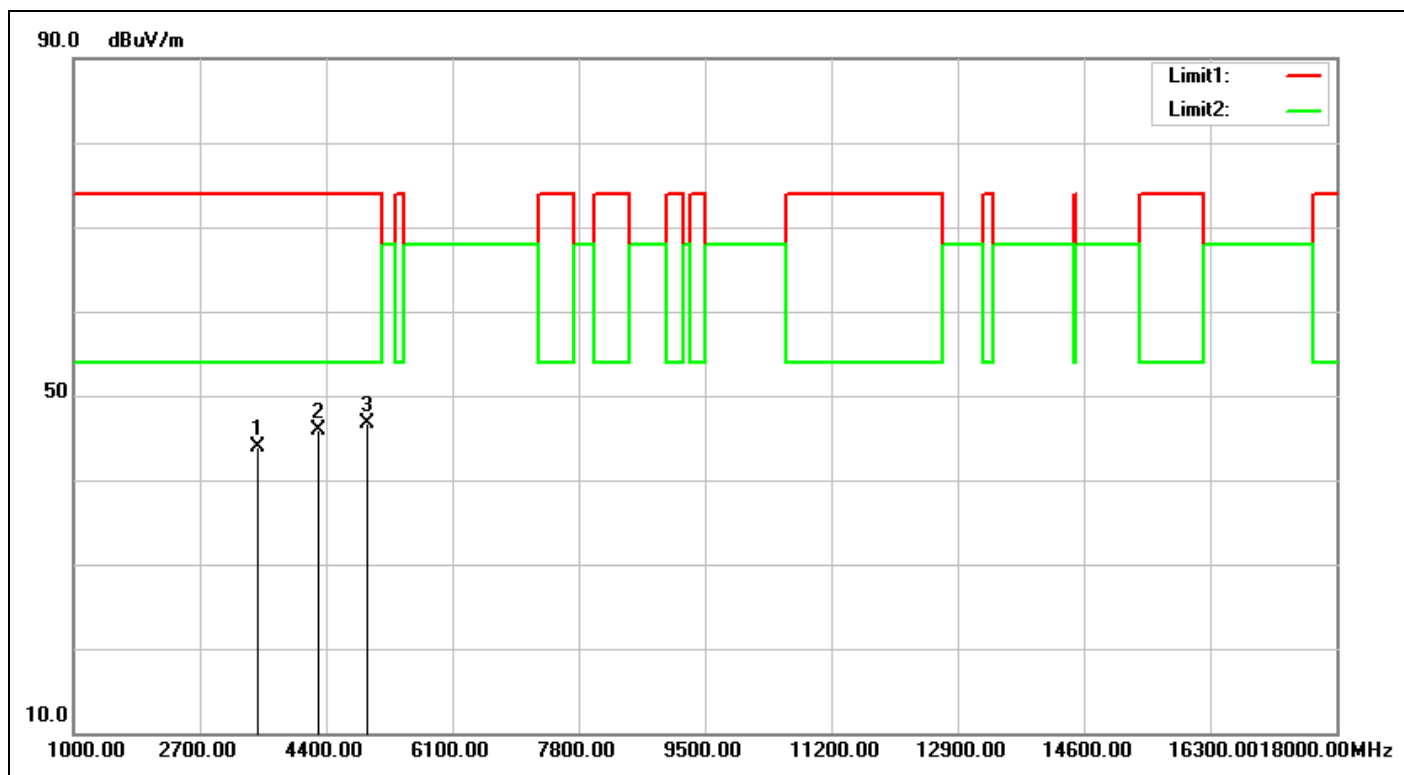
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:17:08
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5300-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3533.000	-6.78	51.00	44.22	74.00	-29.78	peak	100	84	
2	4451.000	-4.21	50.58	46.37	74.00	-27.63	peak	100	183	
3	4791.000	-3.55	50.13	46.58	74.00	-27.42	peak	100	213	



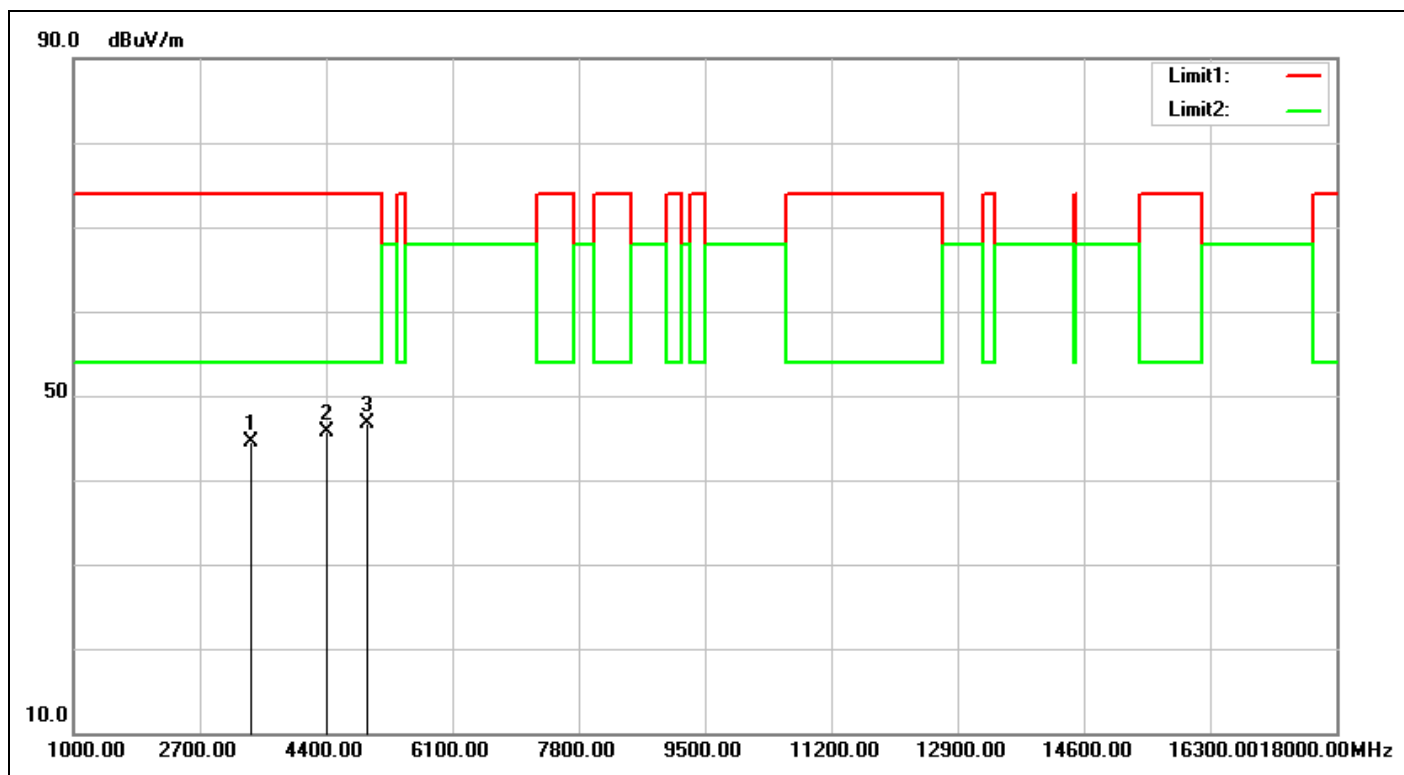
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:18:47
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5560-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3465.000	-6.87	51.21	44.34	74.00	-29.66	peak	100	181	
2	4417.000	-4.33	50.25	45.92	74.00	-28.08	peak	100	130	
3	4672.000	-3.74	50.90	47.16	74.00	-26.84	peak	100	119	



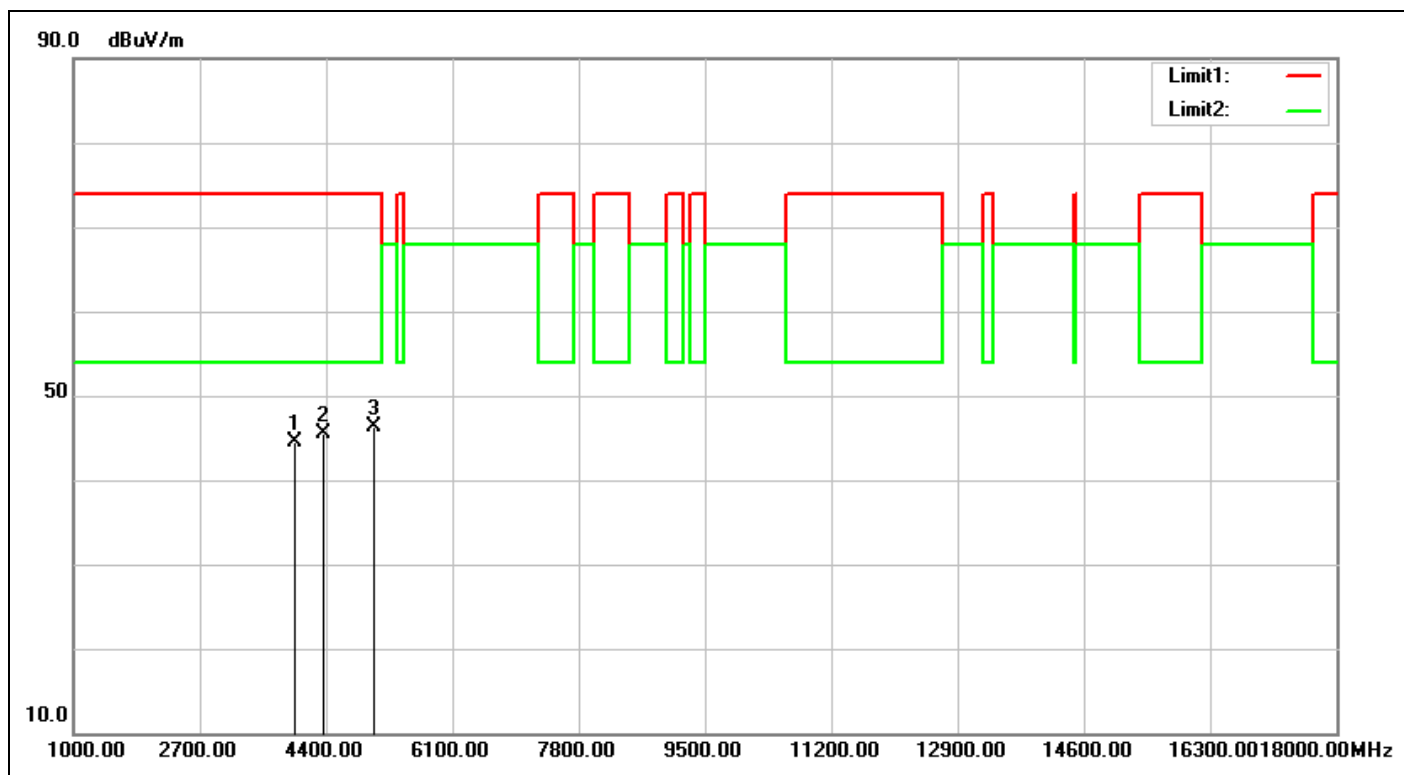
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:19:39
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5560-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3482.000	-6.85	50.70	43.85	74.00	-30.15	peak	100	340	
2	4298.000	-4.77	50.70	45.93	74.00	-28.07	peak	100	138	
3	4944.000	-3.29	50.00	46.71	74.00	-27.29	peak	100	206	



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:23:13
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5785-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3380.000	-6.92	51.42	44.50	74.00	-29.50	peak	100	339	
2	4417.000	-4.33	49.97	45.64	74.00	-28.36	peak	100	31	
3	4961.000	-3.27	49.94	46.67	74.00	-27.33	peak	100	45	



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:24:06
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5785-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3975.000	-5.91	50.35	44.44	74.00	-29.56	peak	100	155	
2	4366.000	-4.52	50.08	45.56	74.00	-28.44	peak	100	350	
3	5046.000	-2.99	49.34	46.35	74.00	-27.65	peak	100	114	

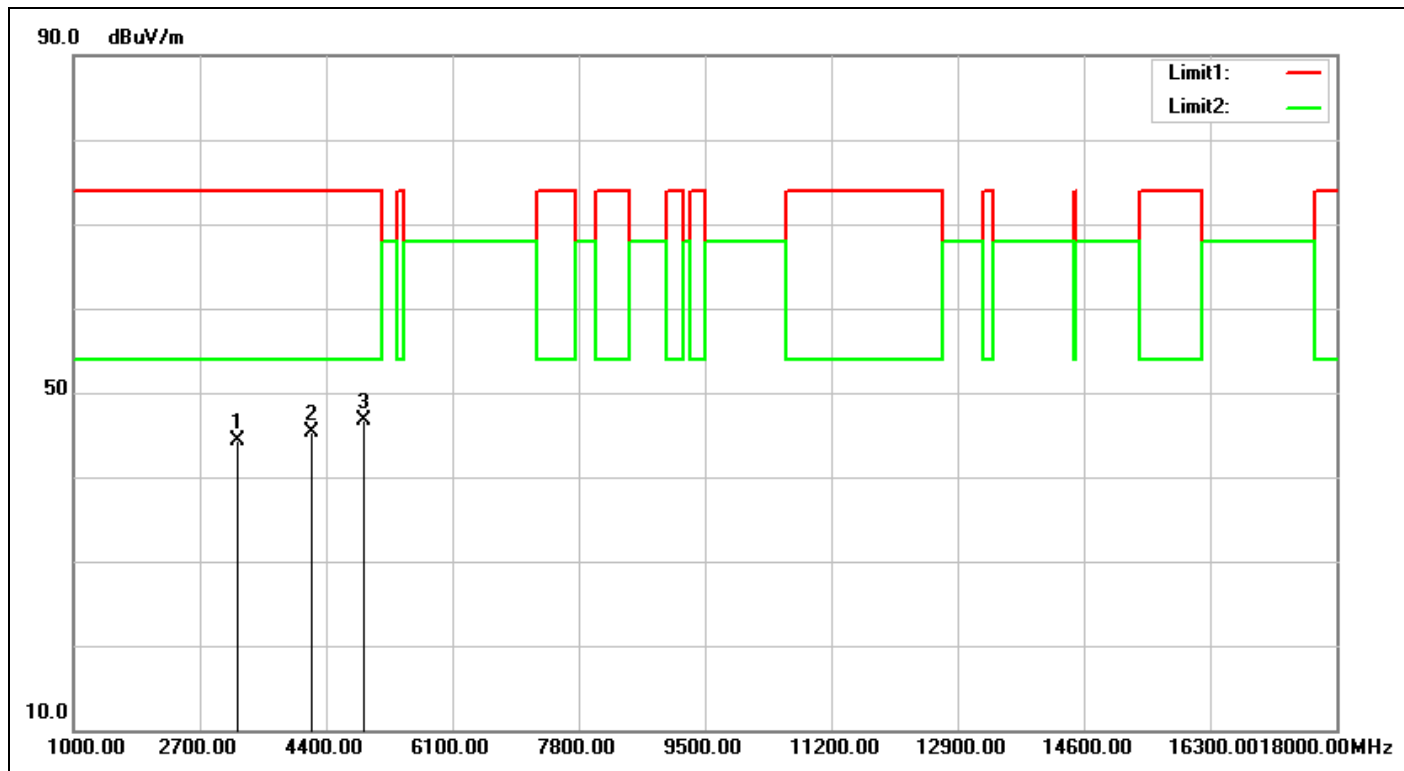
Spurious Emissions, RX Mode, 1G-18G, Straddle Channel



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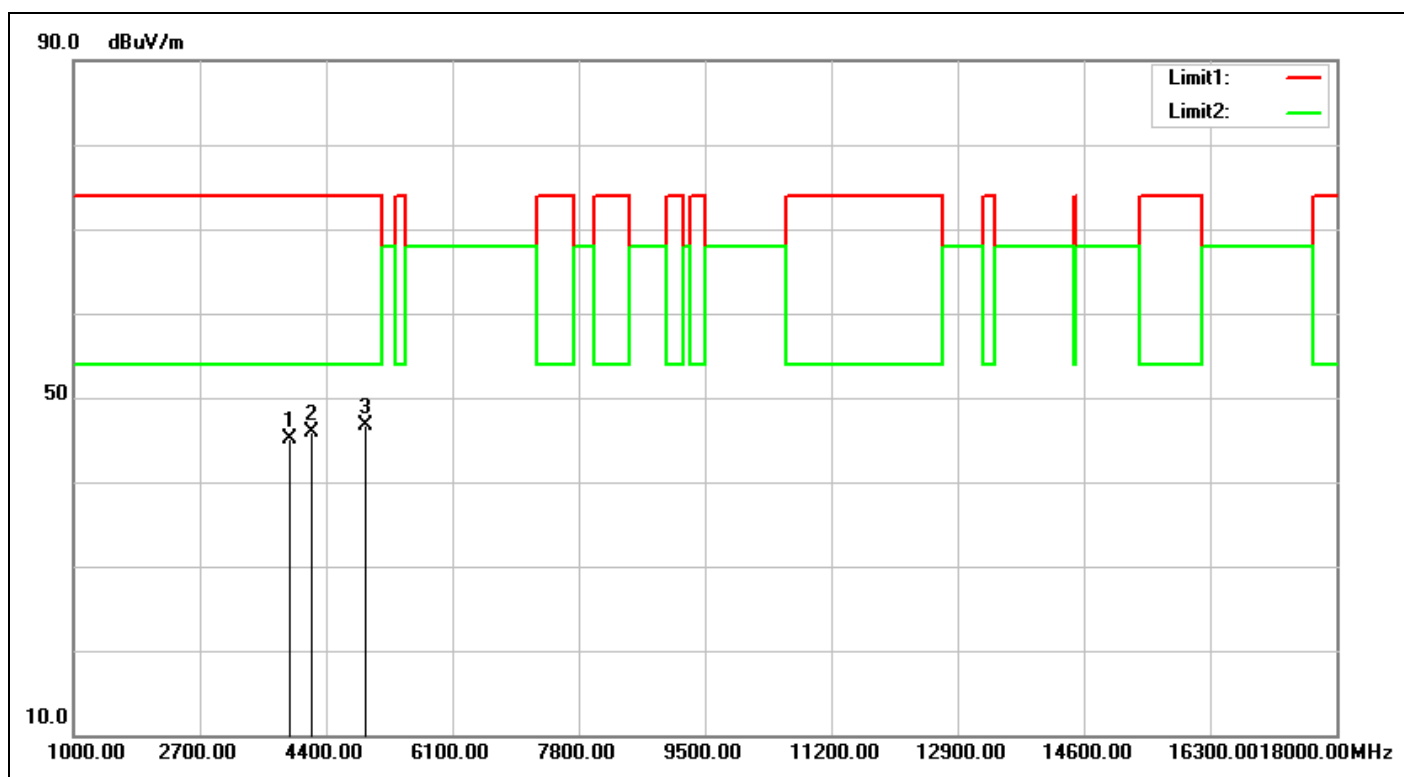
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Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 21:20:58
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5720-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3210.000	-7.03	51.41	44.38	74.00	-29.62	peak	100	10	
2	4196.000	-5.15	50.54	45.39	74.00	-28.61	peak	100	0	
3	4910.000	-3.37	50.14	46.77	74.00	-27.23	peak	100	13	



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 21:21:50
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5720-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3907.000	-6.04	51.13	45.09	74.00	-28.91	peak	100	217	
2	4196.000	-5.15	50.99	45.84	74.00	-28.16	peak	100	210	
3	4927.000	-3.34	49.97	46.63	74.00	-27.37	peak	100	200	

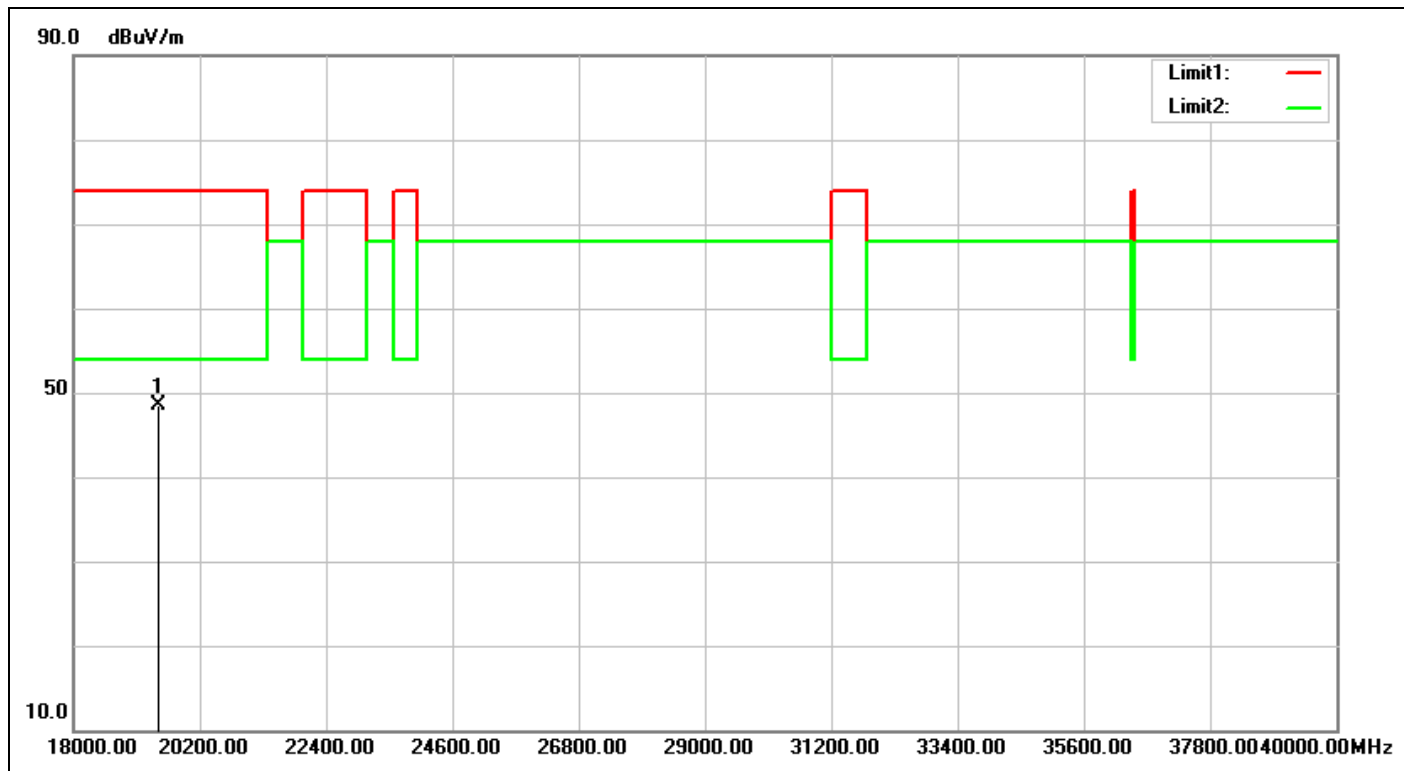
Spurious Emissions, RX Mode, 18-40G



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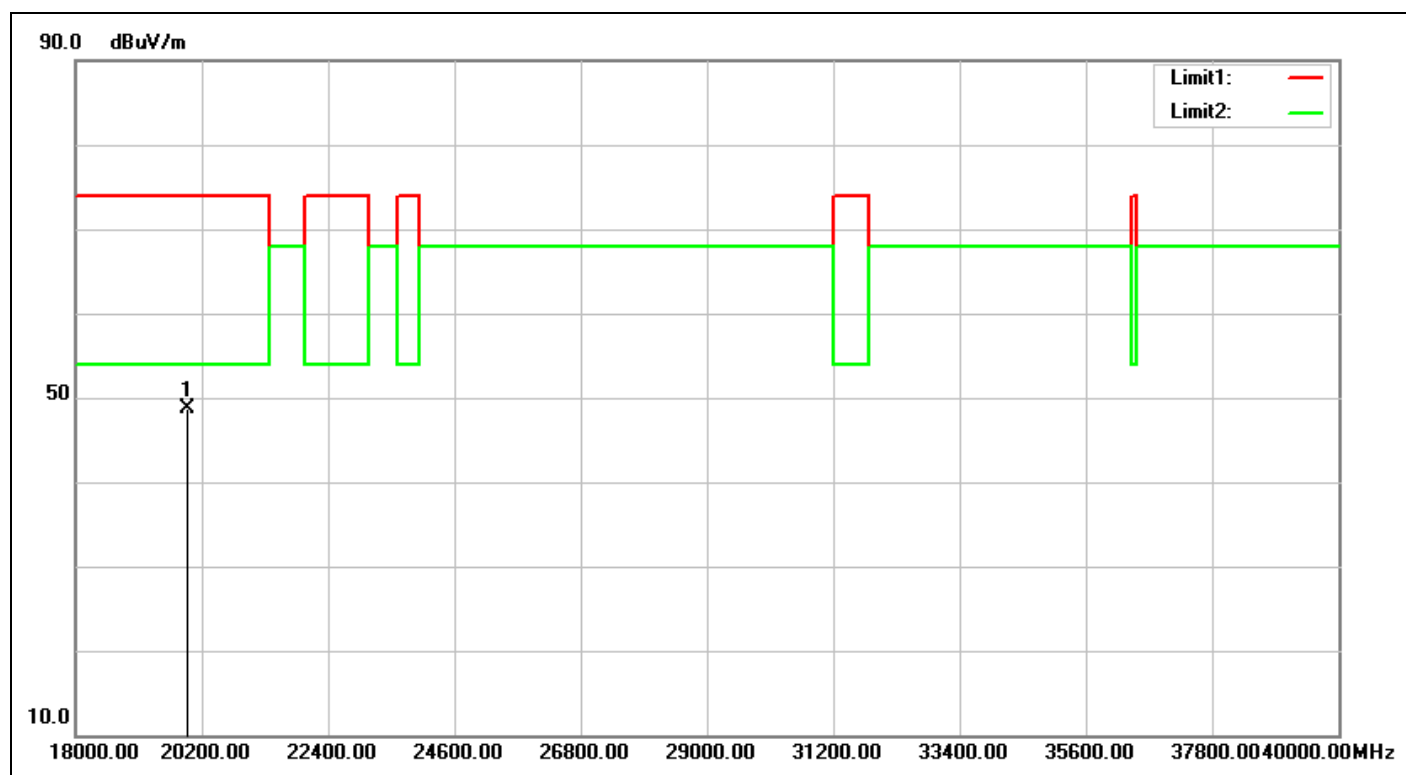
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



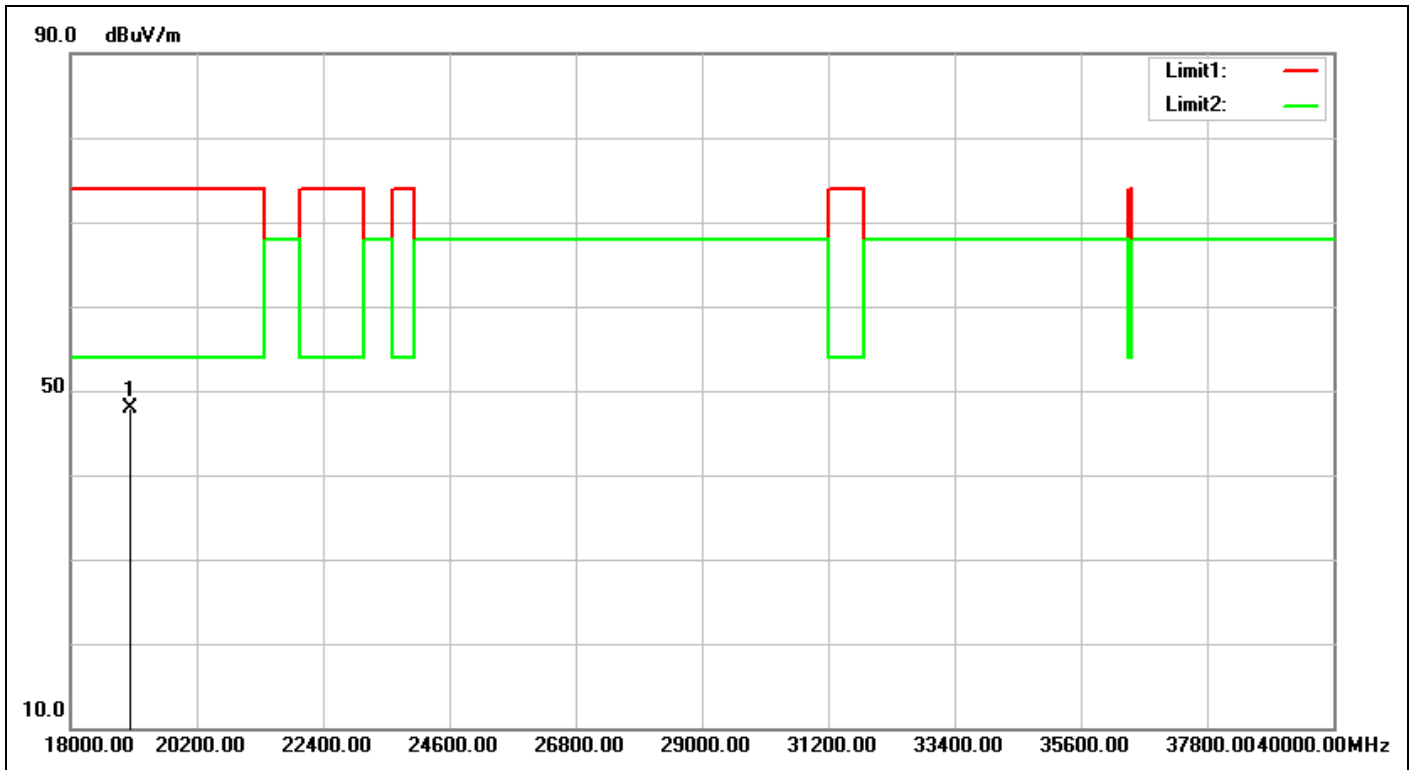
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:25:09
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5200-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19474.000	30.45	17.96	48.41	74.00	-25.59	peak		0	



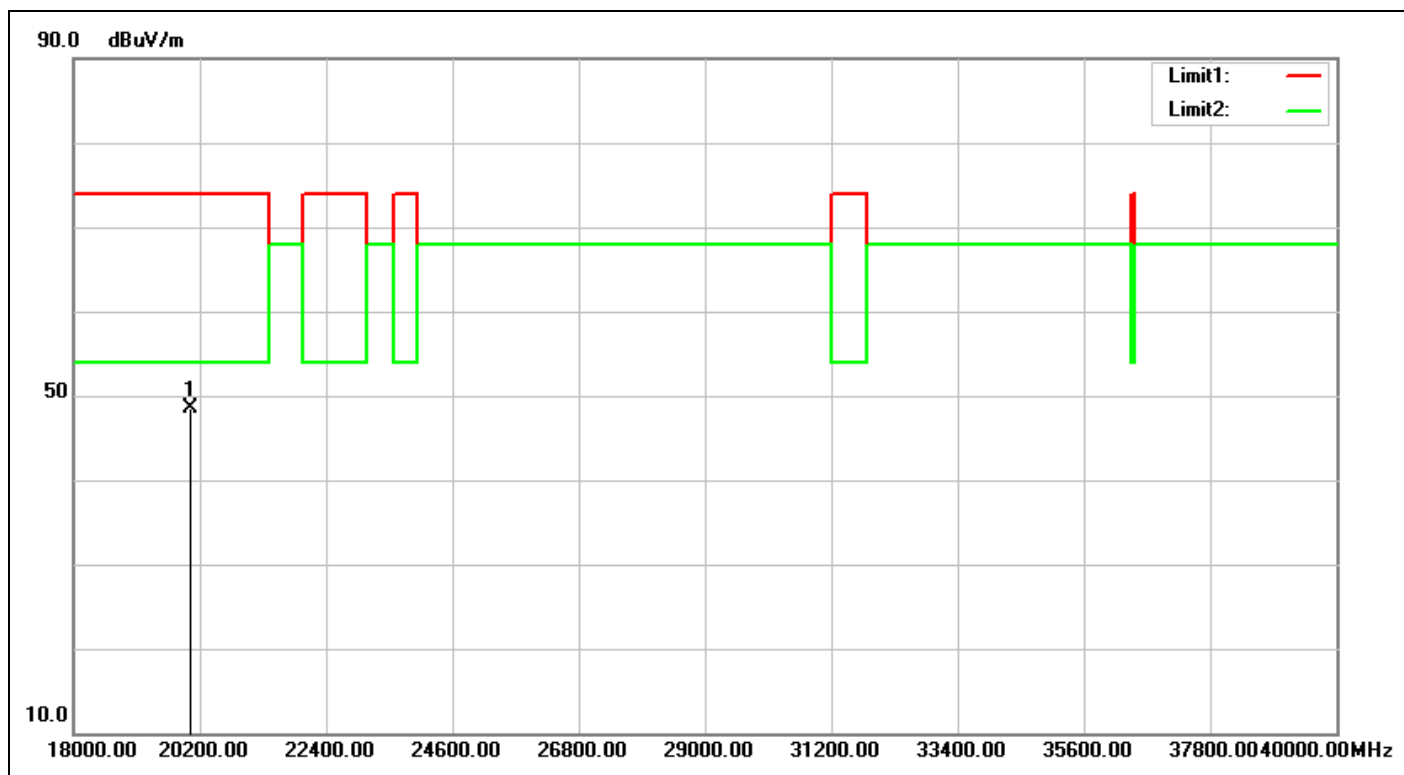
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:25:16
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5200-RX		
Remark:			

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	17.53	48.65	74.00	-25.35	peak			



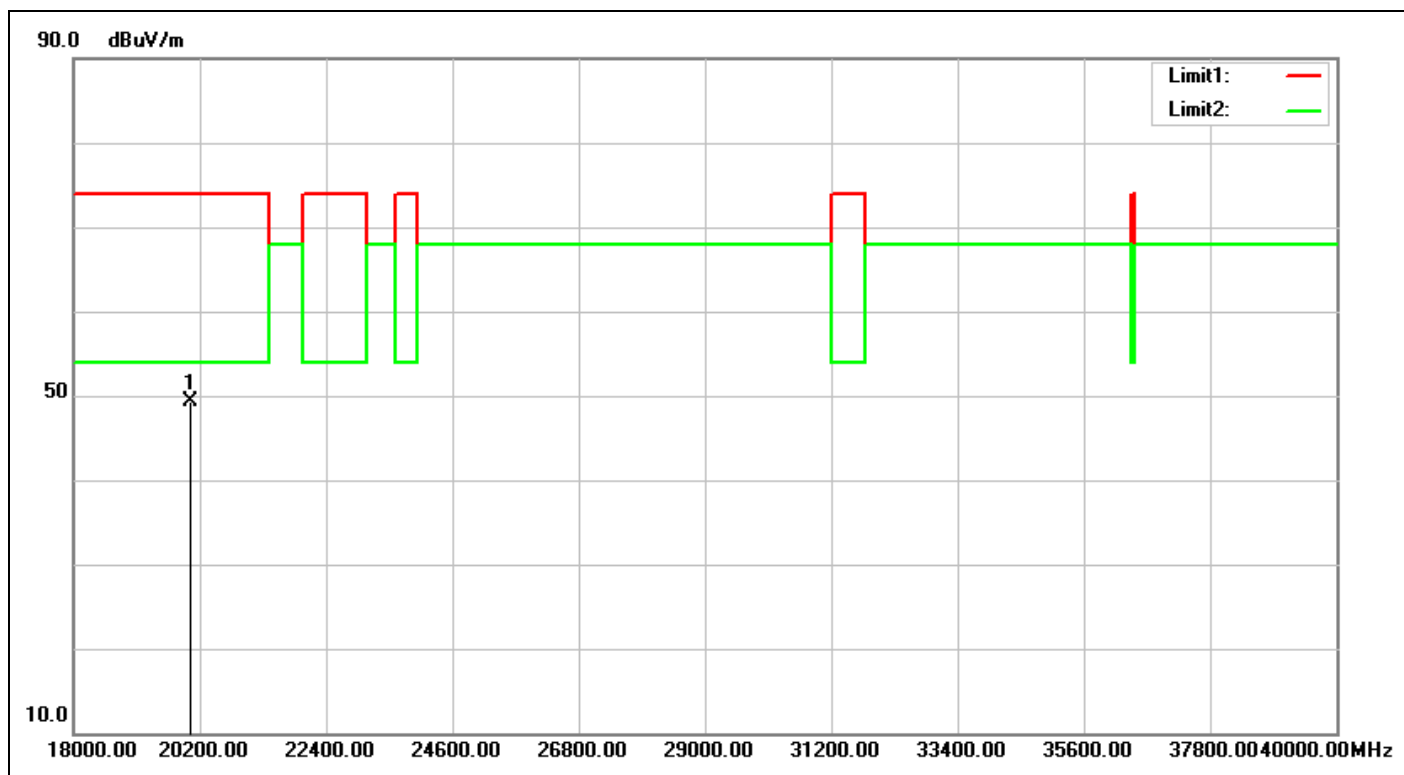
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:25:53
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5300-RX		
Remark:			

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	17.71	47.88	74.00	-26.12	peak			



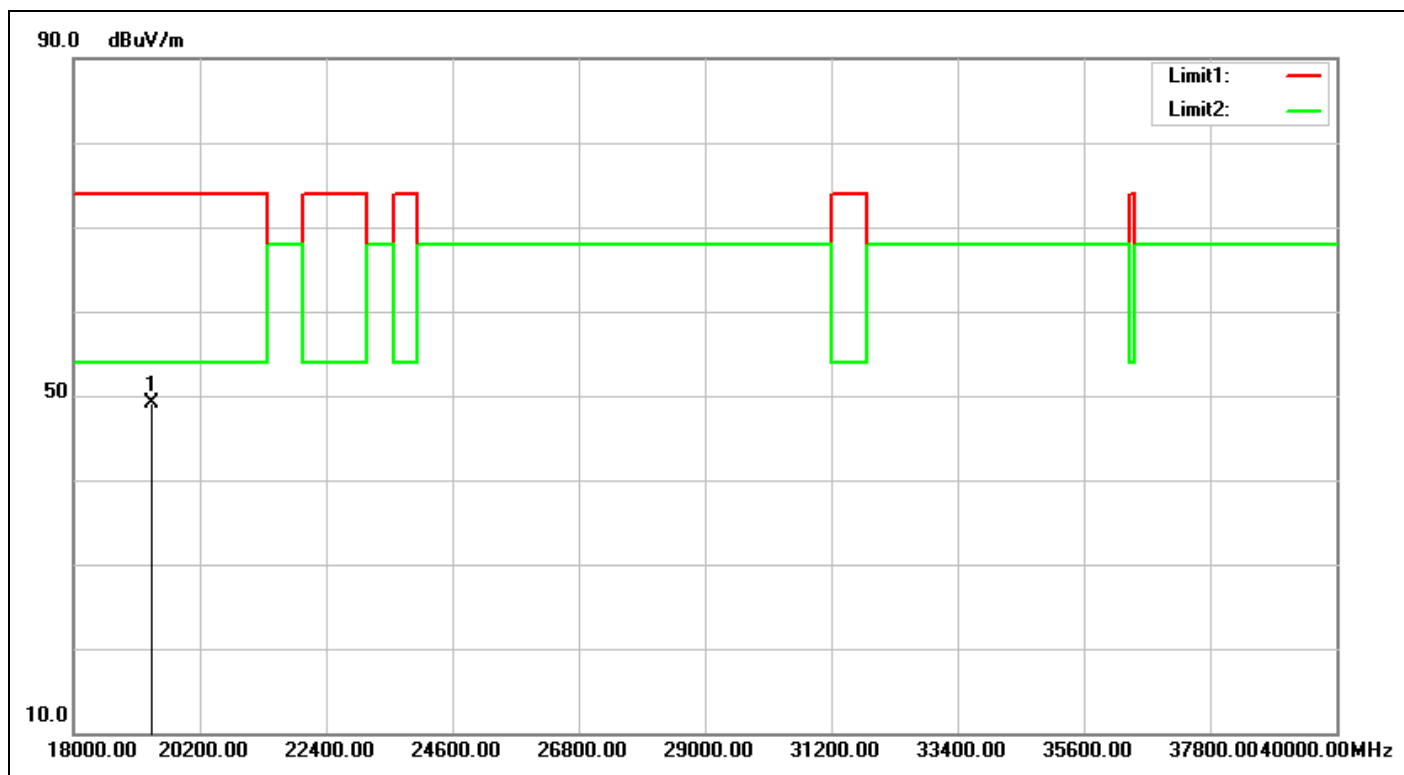
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:25:59
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5300-RX		
Remark:			

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	17.22	48.44	74.00	-25.56	peak			



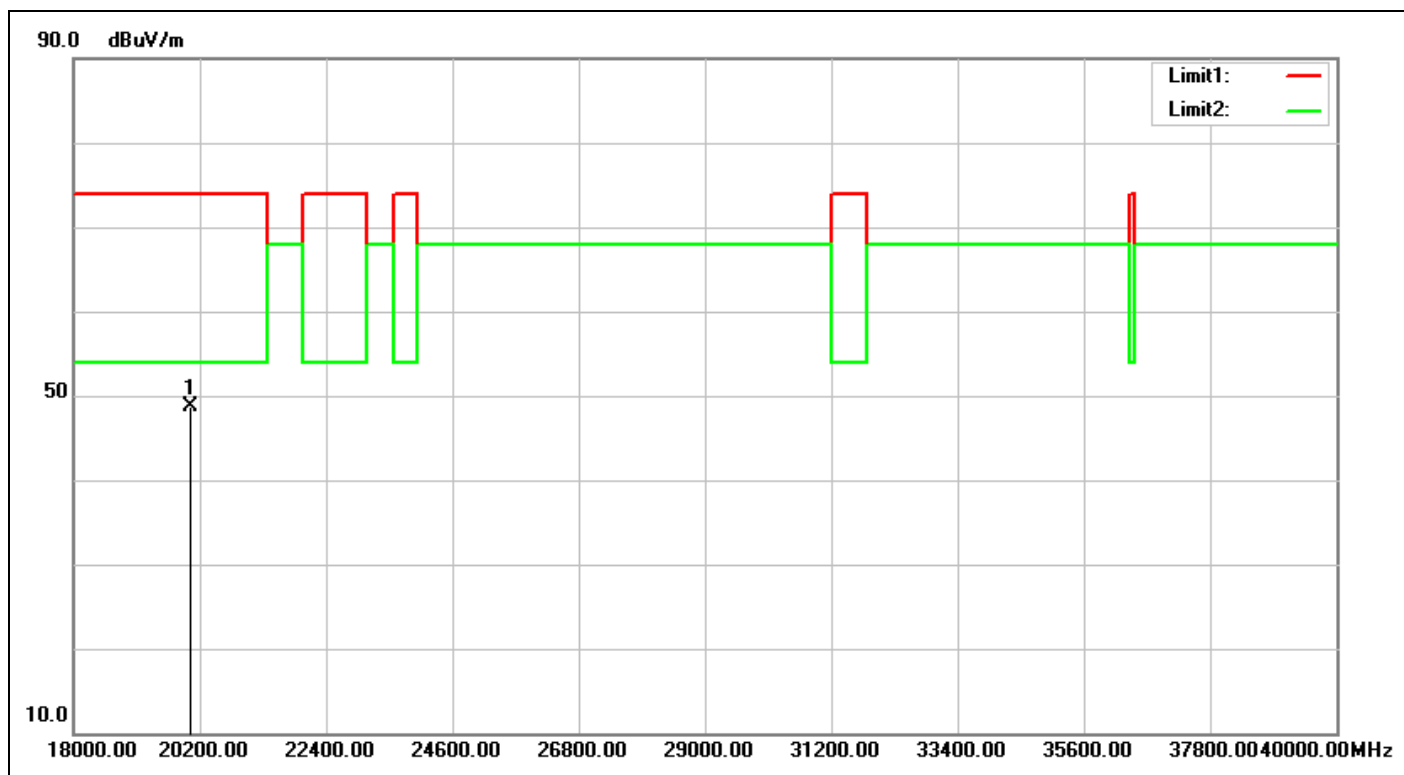
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:26:25
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5560-RX		
Remark:			

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	18.12	49.34	74.00	-24.66	peak			



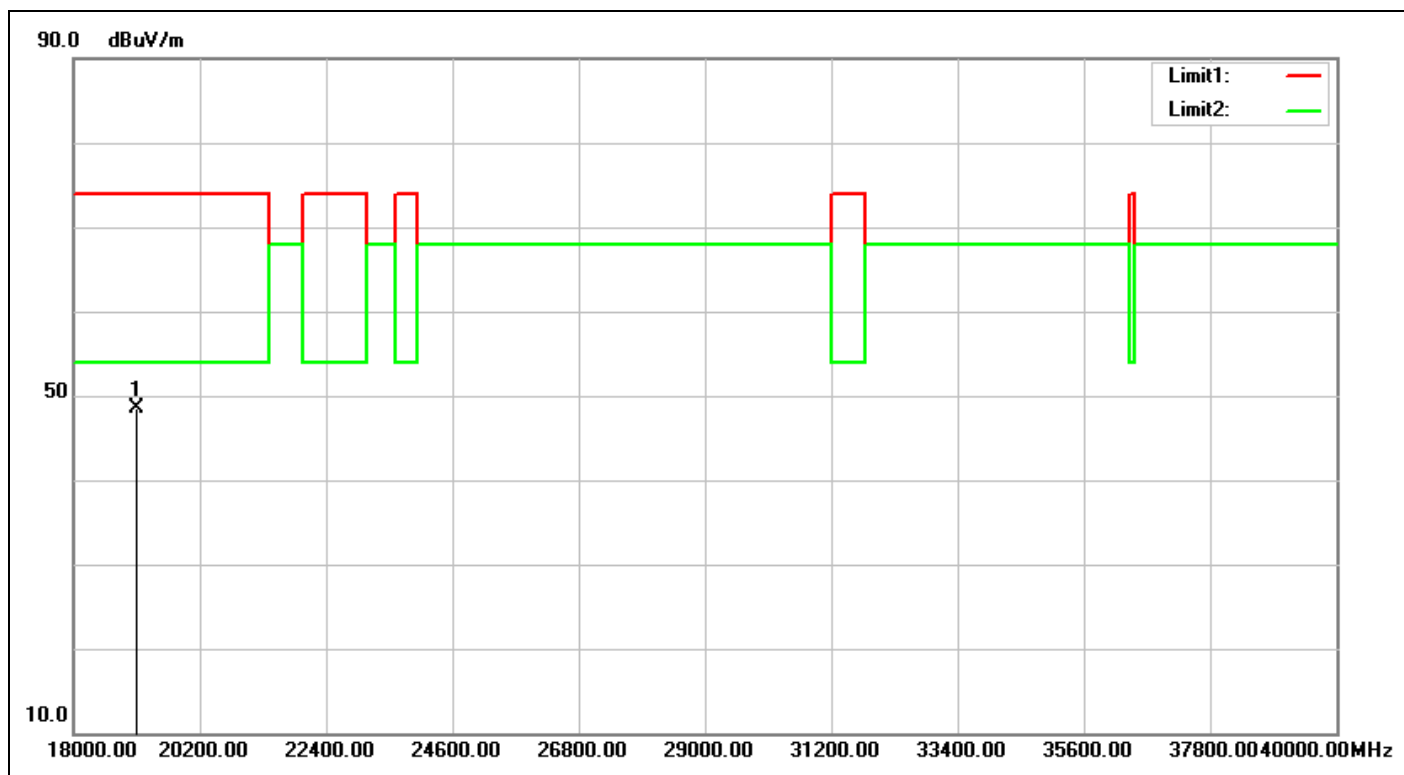
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:26:32
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5560-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19364.000	30.38	18.73	49.11	74.00	-24.89	peak			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:27:30
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5785-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20046.000	31.22	17.53	48.75	74.00	-25.25	peak			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:27:37
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5785-RX		
Remark:			

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	18.35	48.56	74.00	-25.44	peak			

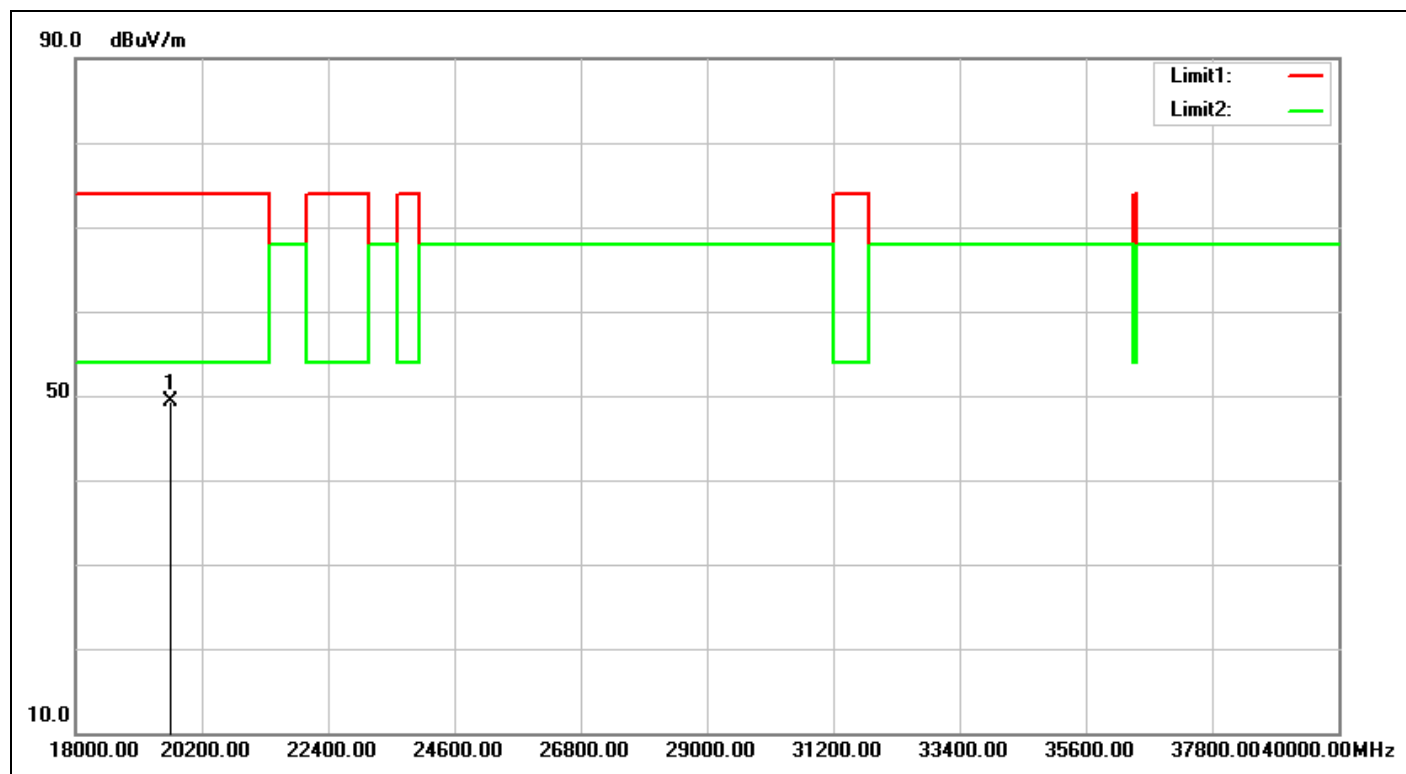
Spurious Emissions, RX Mode, 18-40G, Straddle Channel



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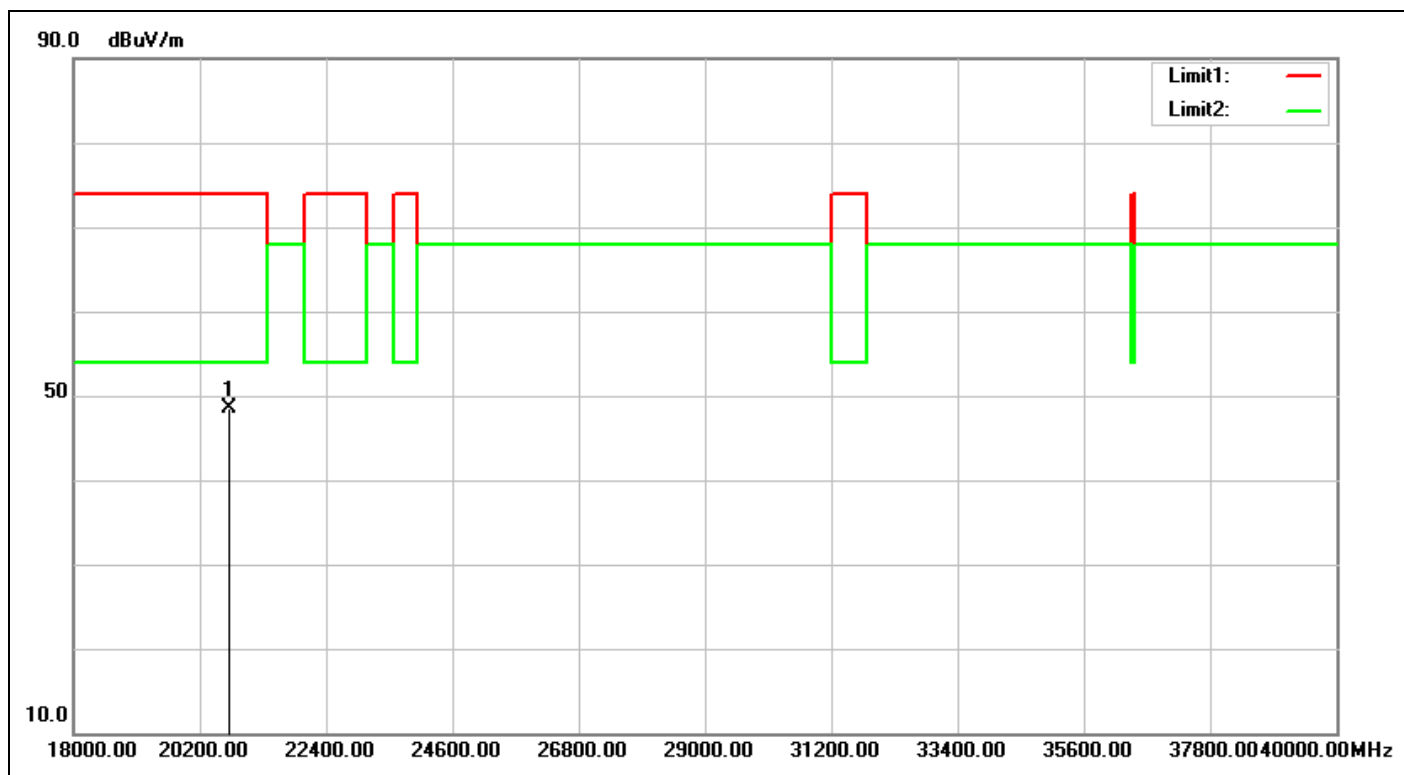
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/17 22:26:58
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5720-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19650.000	30.69	18.67	49.36	74.00	-24.64	peak			



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/17 22:27:05
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	18.2(°C)/63%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5720-RX		
Remark:			

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	16.65	48.47	74.00	-25.53	peak			

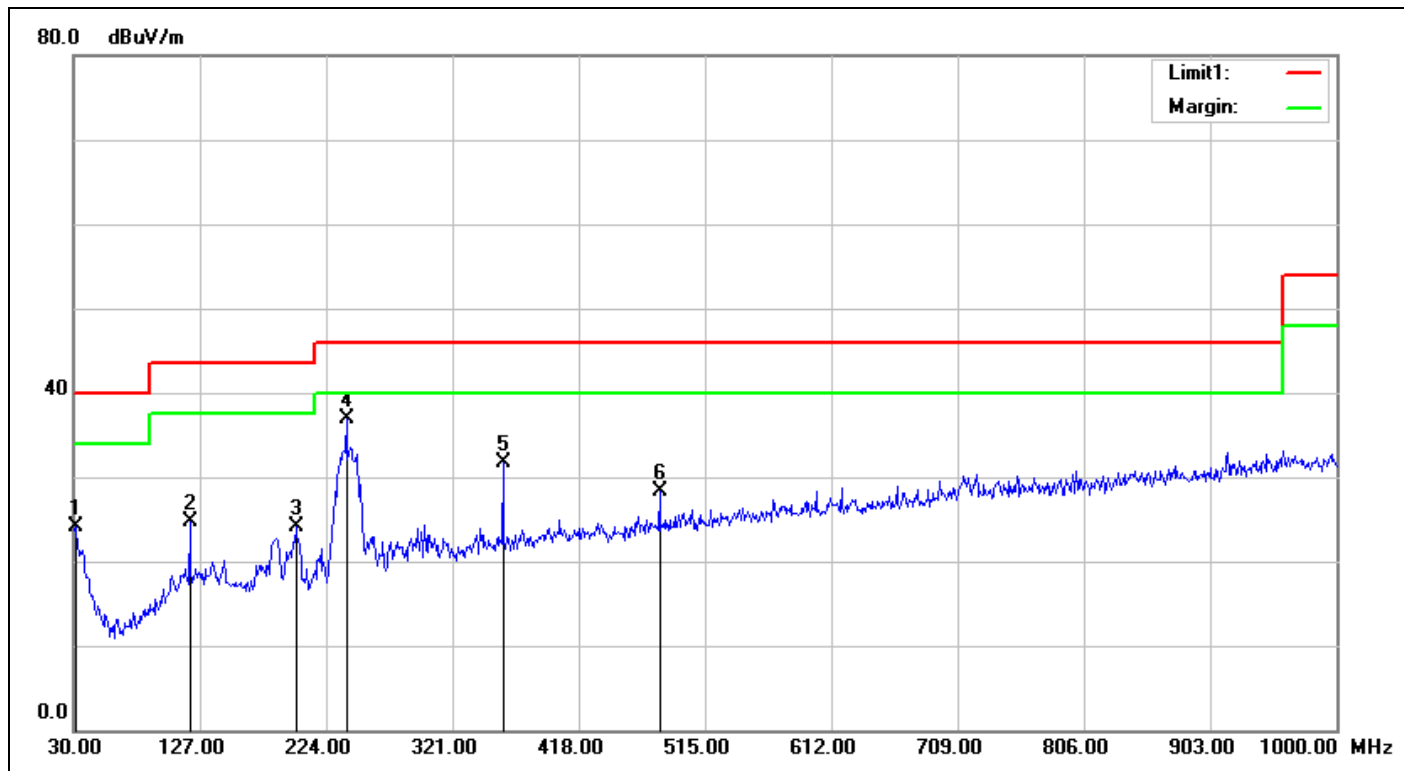
Spurious Emissions, RX Mode, 30M-1G



TUV Rheinland Taiwan Ltd.

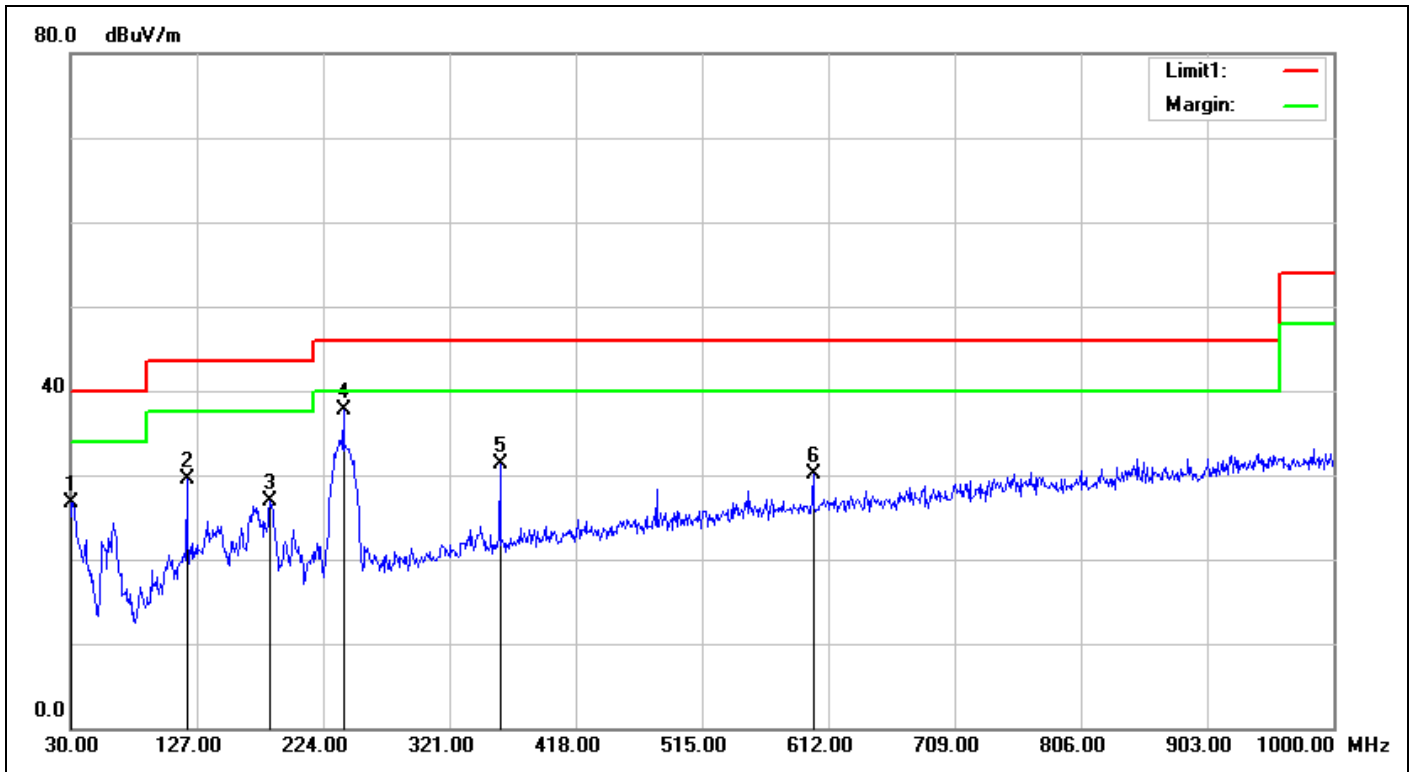
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



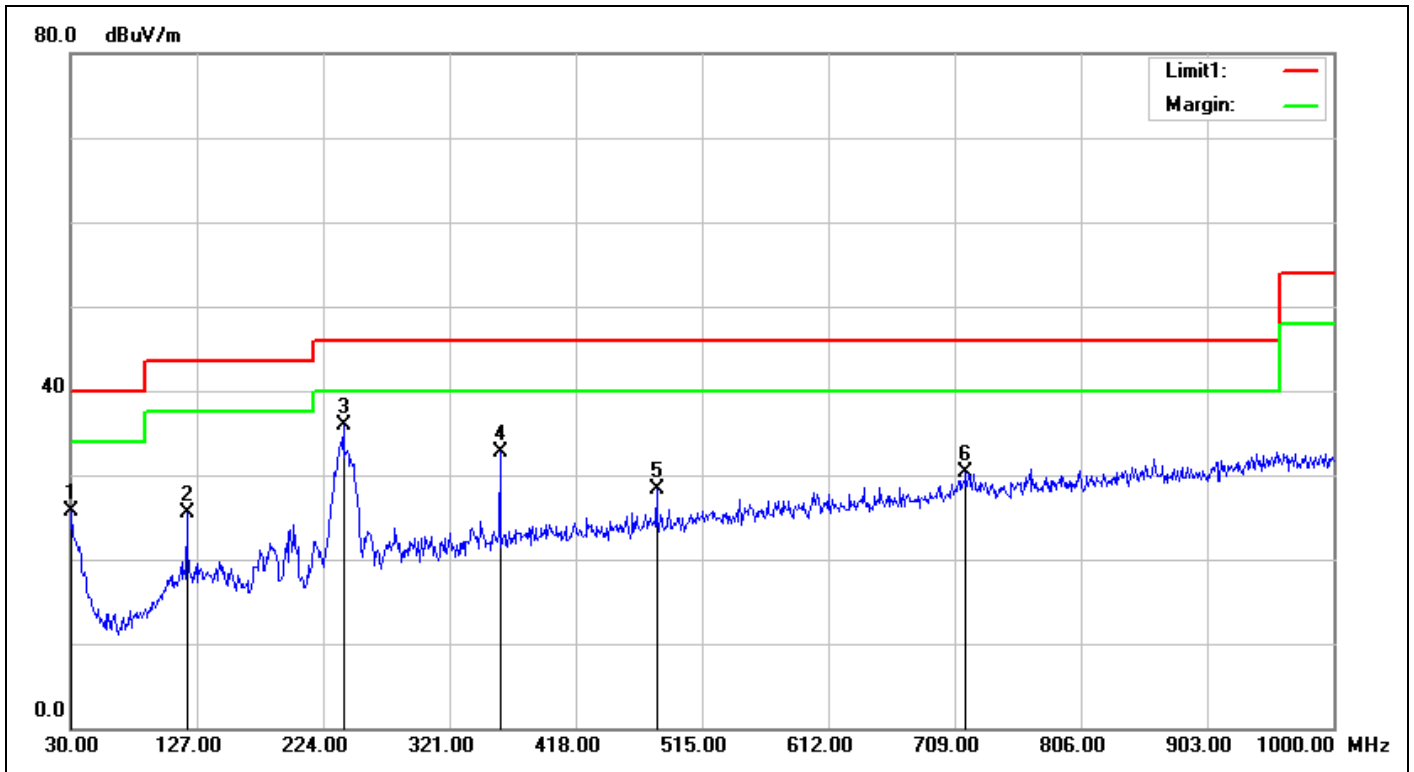
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/21 20:03:00
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5200-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	31.9400	-1.36	25.43	24.07	40.00	-15.93	QP	100	130	
2	119.2400	-7.50	32.20	24.70	43.50	-18.80	QP	100	61	
3	200.7200	-8.87	32.96	24.09	43.50	-19.41	QP	100	101	
4	239.5200	-6.85	43.70	36.85	46.00	-9.15	QP	100	222	
5	359.8000	-3.16	34.91	31.75	46.00	-14.25	QP	100	124	
6	480.0800	-1.47	29.68	28.21	46.00	-17.79	QP	100	68	



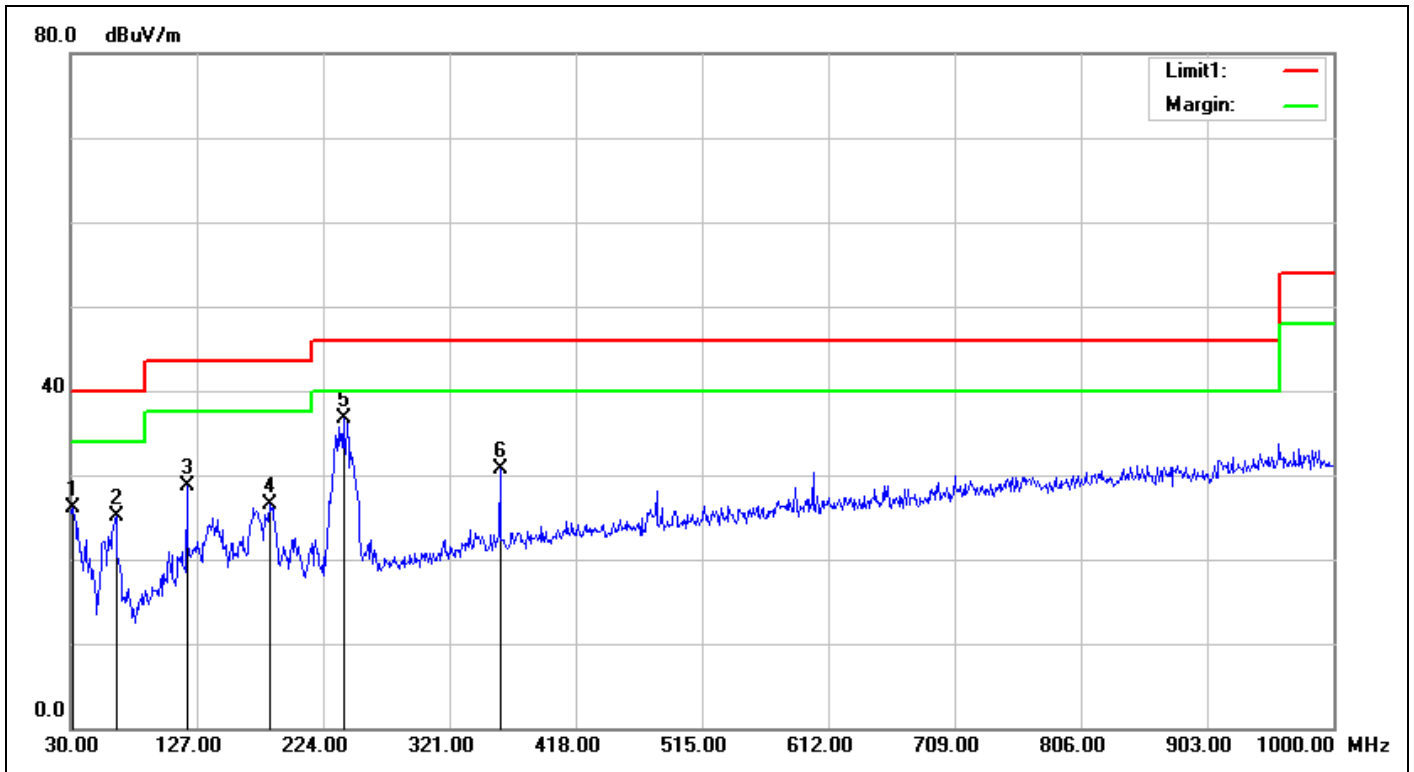
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/21 20:03:53
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5200-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.9700	-0.79	27.55	26.76	40.00	-13.24	QP	100	253	
2	119.2400	-7.50	37.04	29.54	43.50	-13.96	QP	100	148	
3	183.2600	-9.61	36.58	26.97	43.50	-16.53	QP	100	108	
4	239.5200	-6.85	44.54	37.69	46.00	-8.31	QP	100	13	
5	359.8000	-3.16	34.51	31.35	46.00	-14.65	QP	100	151	
6	600.3600	0.08	30.04	30.12	46.00	-15.88	QP	100	359	



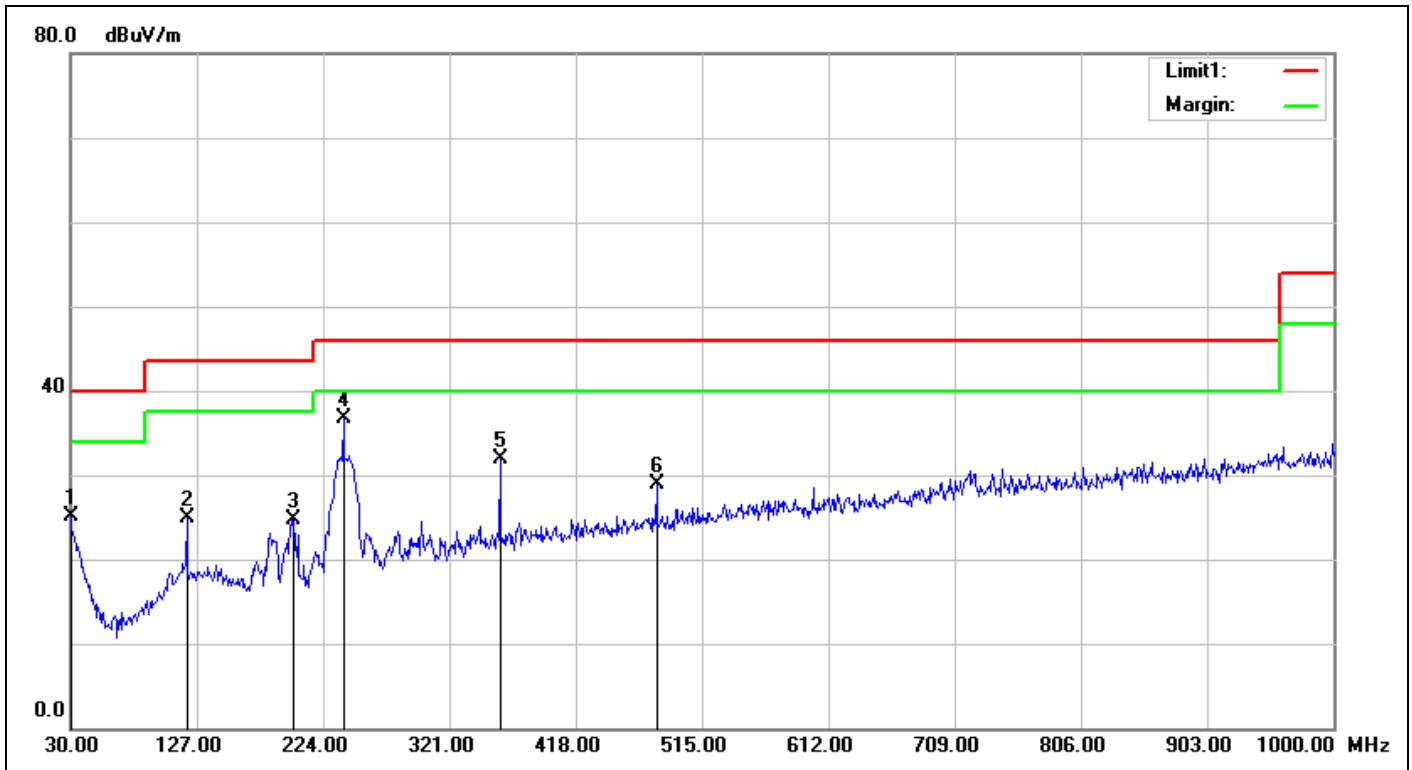
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/21 20:05:55
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5300-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.9700	-0.79	26.49	25.70	40.00	-14.30	QP	100	71	
2	119.2400	-7.50	33.07	25.57	43.50	-17.93	QP	100	88	
3	239.5200	-6.85	42.73	35.88	46.00	-10.12	QP	100	210	
4	359.8000	-3.16	35.95	32.79	46.00	-13.21	QP	100	65	
5	480.0800	-1.47	29.78	28.31	46.00	-17.69	QP	100	94	
6	717.7300	1.66	28.63	30.29	46.00	-15.71	QP	100	197	



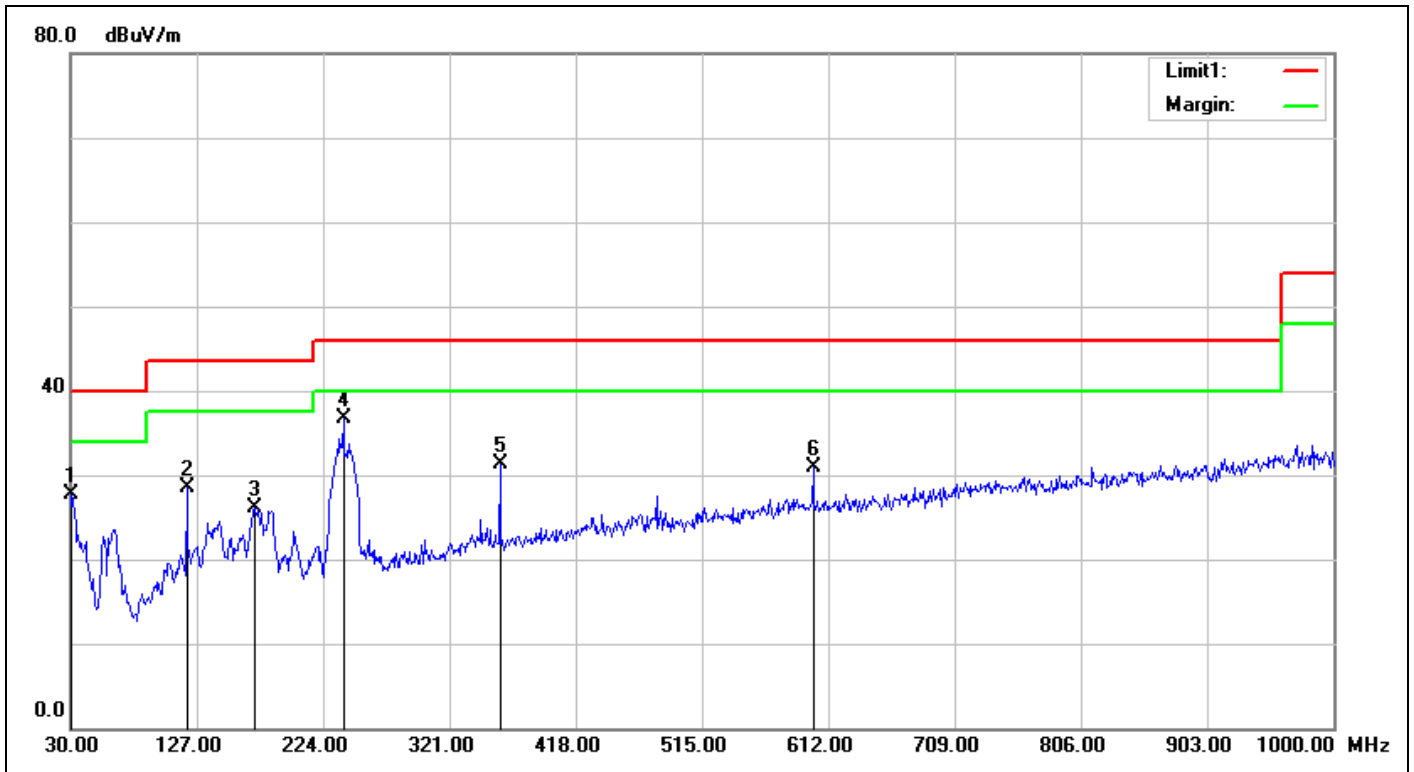
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/21 20:06:48
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5300-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	31.9400	-1.36	27.39	26.03	40.00	-13.97	QP	100	227	
2	64.9200	-13.45	38.56	25.11	40.00	-14.89	QP	100	118	
3	119.2400	-7.50	36.17	28.67	43.50	-14.83	QP	100	0	
4	183.2600	-9.61	36.13	26.52	43.50	-16.98	QP	100	128	
5	239.5200	-6.85	43.60	36.75	46.00	-9.25	QP	100	315	
6	359.8000	-3.16	33.92	30.76	46.00	-15.24	QP	100	157	



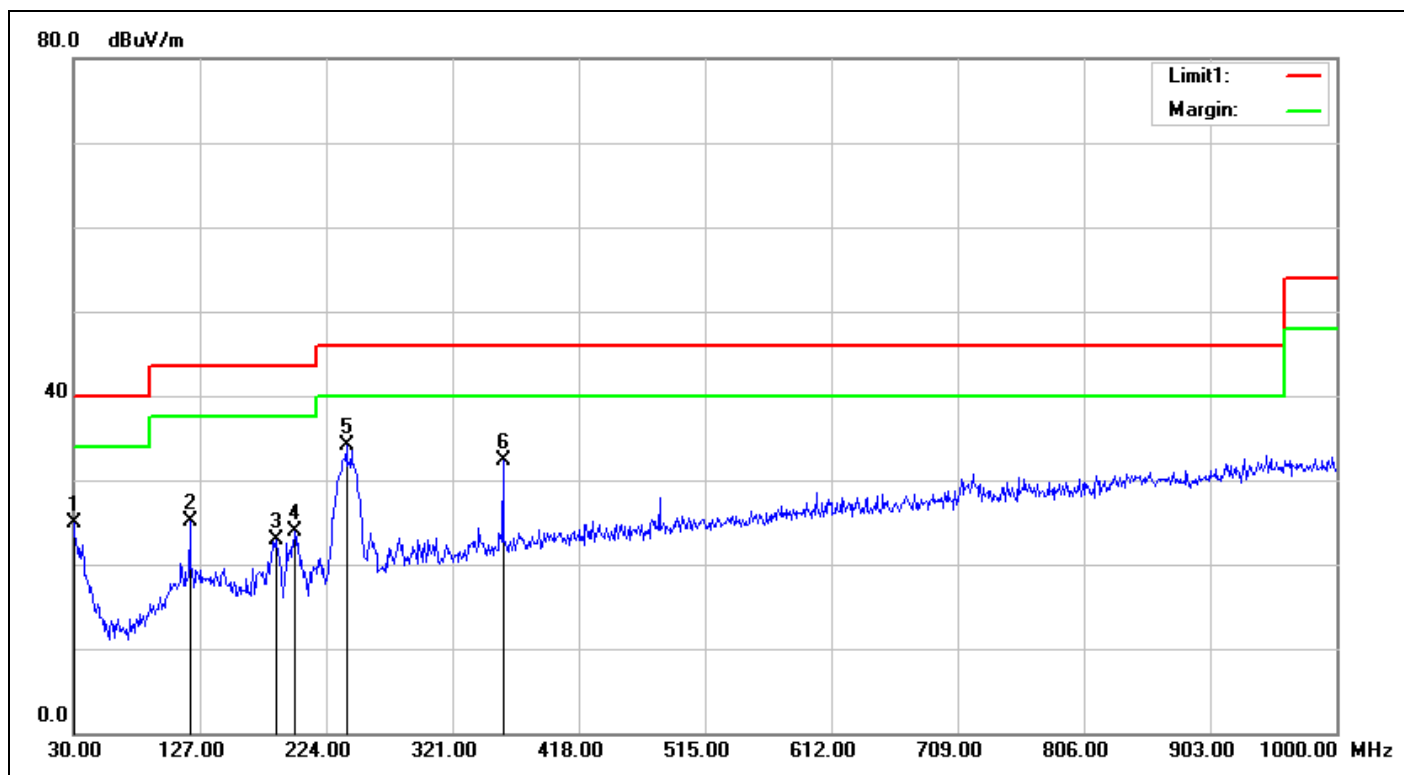
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/21 20:08:18
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5560-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.25	25.37	25.12	40.00	-14.88	QP	100	285	
2	119.2400	-7.50	32.34	24.84	43.50	-18.66	QP	100	55	
3	201.6900	-8.84	33.64	24.80	43.50	-18.70	QP	100	85	
4	239.5200	-6.85	43.51	36.66	46.00	-9.34	QP	100	213	
5	359.8000	-3.16	34.98	31.82	46.00	-14.18	QP	100	118	
6	480.0800	-1.47	30.41	28.94	46.00	-17.06	QP	100	65	



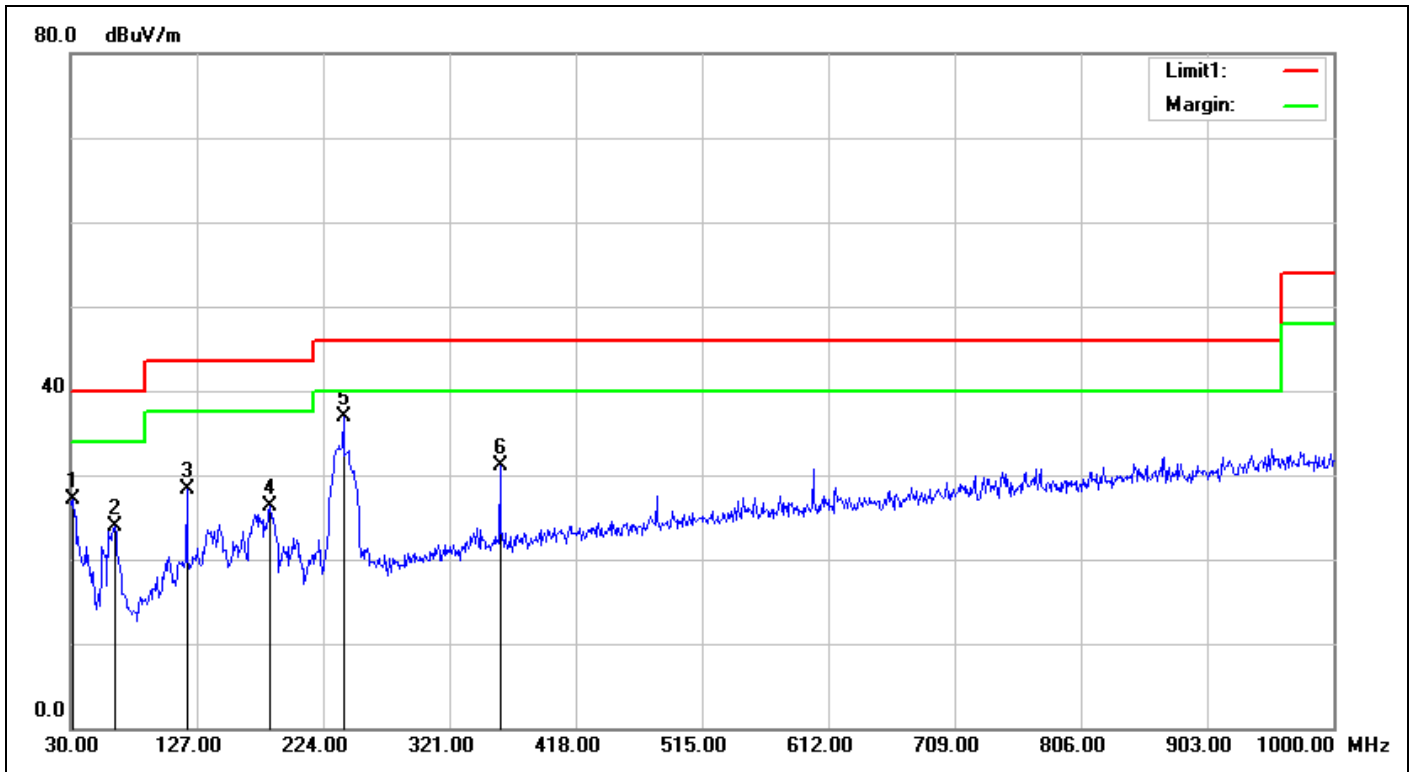
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/21 20:09:11
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5560-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.9700	-0.79	28.42	27.63	40.00	-12.37	QP	100	177	
2	119.2400	-7.50	35.95	28.45	43.50	-15.05	QP	100	335	
3	171.6200	-9.10	35.17	26.07	43.50	-17.43	QP	100	180	
4	239.5200	-6.85	43.63	36.78	46.00	-9.22	QP	100	338	
5	359.8000	-3.16	34.44	31.28	46.00	-14.72	QP	100	154	
6	600.3600	0.08	30.80	30.88	46.00	-15.12	QP	100	351	



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/21 20:12:58
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5785-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.25	25.18	24.93	40.00	-15.07	QP	100	239	
2	119.2400	-7.50	32.52	25.02	43.50	-18.48	QP	100	62	
3	185.2000	-9.59	32.43	22.84	43.50	-20.66	QP	100	75	
4	199.7500	-8.90	32.82	23.92	43.50	-19.58	QP	100	85	
5	239.5200	-6.85	41.01	34.16	46.00	-11.84	QP	100	220	
6	359.8000	-3.16	35.38	32.22	46.00	-13.78	QP	100	98	



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/21 20:13:51
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5785-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	31.9400	-1.36	28.43	27.07	40.00	-12.93	QP	100	276	
2	63.9500	-13.51	37.39	23.88	40.00	-16.12	QP	100	85	
3	119.2400	-7.50	35.87	28.37	43.50	-15.13	QP	100	22	
4	183.2600	-9.61	35.88	26.27	43.50	-17.23	QP	100	134	
5	239.5200	-6.85	43.79	36.94	46.00	-9.06	QP	100	16	
6	359.8000	-3.16	34.26	31.10	46.00	-14.90	QP	100	137	

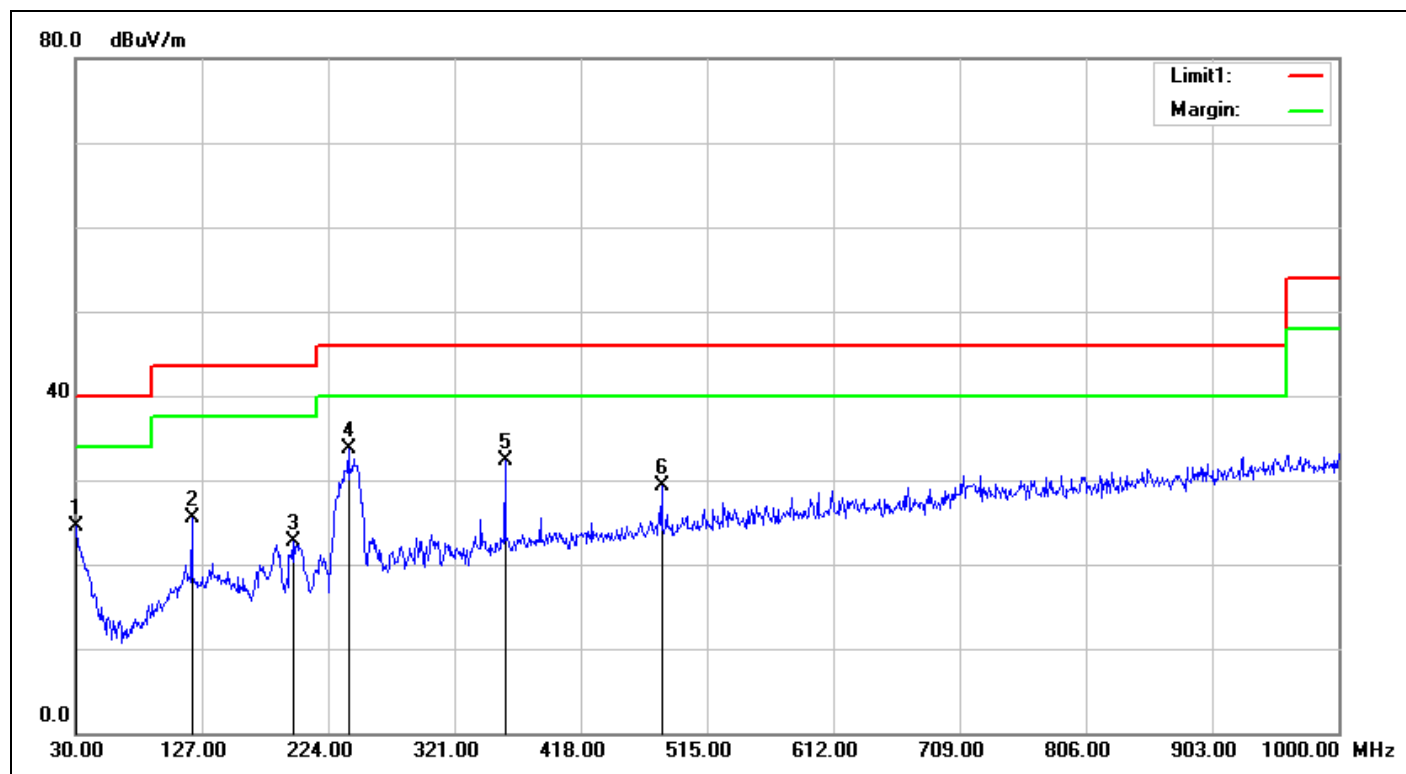
Spurious Emissions, RX Mode, 30M-1G, Straddle Channel



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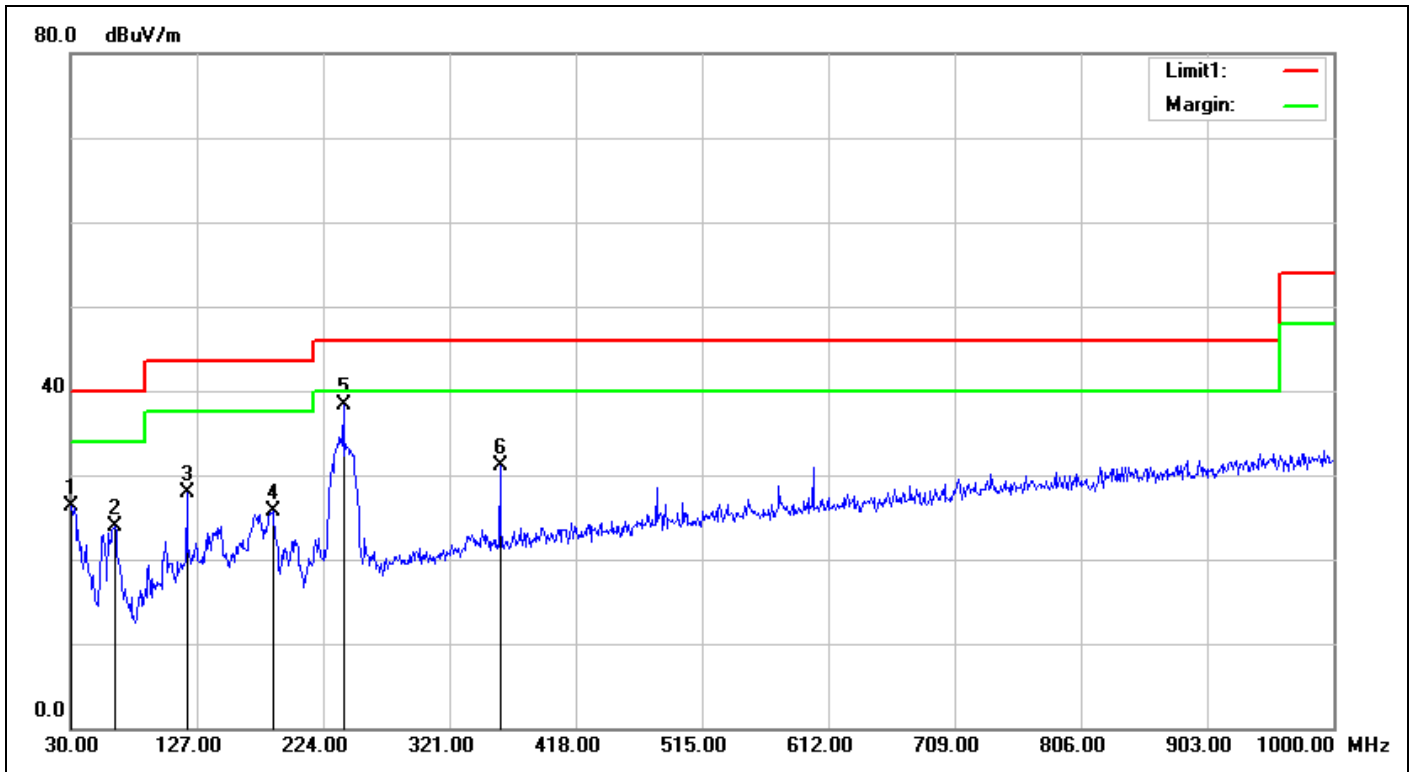
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Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/5/21 20:10:39
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5720-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.9700	-0.79	25.27	24.48	40.00	-15.52	QP	100	124	
2	119.2400	-7.50	33.08	25.58	43.50	-17.92	QP	100	68	
3	196.8400	-9.10	31.71	22.61	43.50	-20.89	QP	100	94	
4	239.5200	-6.85	40.53	33.68	46.00	-12.32	QP	100	242	
5	359.8000	-3.16	35.44	32.28	46.00	-13.72	QP	100	87	
6	480.0800	-1.47	30.75	29.28	46.00	-16.72	QP	100	81	



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/5/21 20:11:32
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5720-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.9700	-0.79	27.07	26.28	40.00	-13.72	QP	100	177	
2	63.9500	-13.51	37.37	23.86	40.00	-16.14	QP	100	108	
3	119.2400	-7.50	35.44	27.94	43.50	-15.56	QP	100	338	
4	185.2000	-9.59	35.22	25.63	43.50	-17.87	QP	100	105	
5	239.5200	-6.85	45.12	38.27	46.00	-7.73	QP	100	36	
6	359.8000	-3.16	34.34	31.18	46.00	-14.82	QP	100	134	

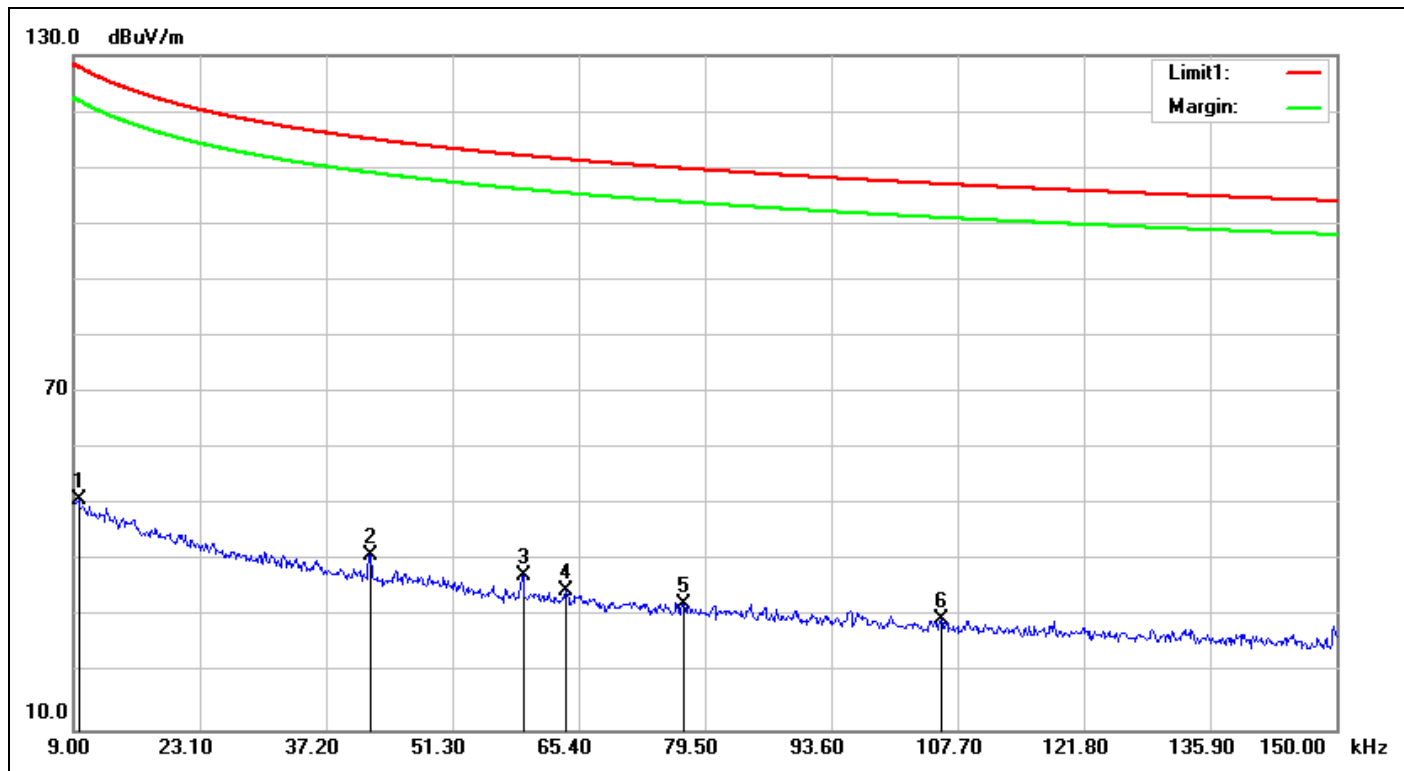
Spurious Emissions, RX Mode, 9k-30M



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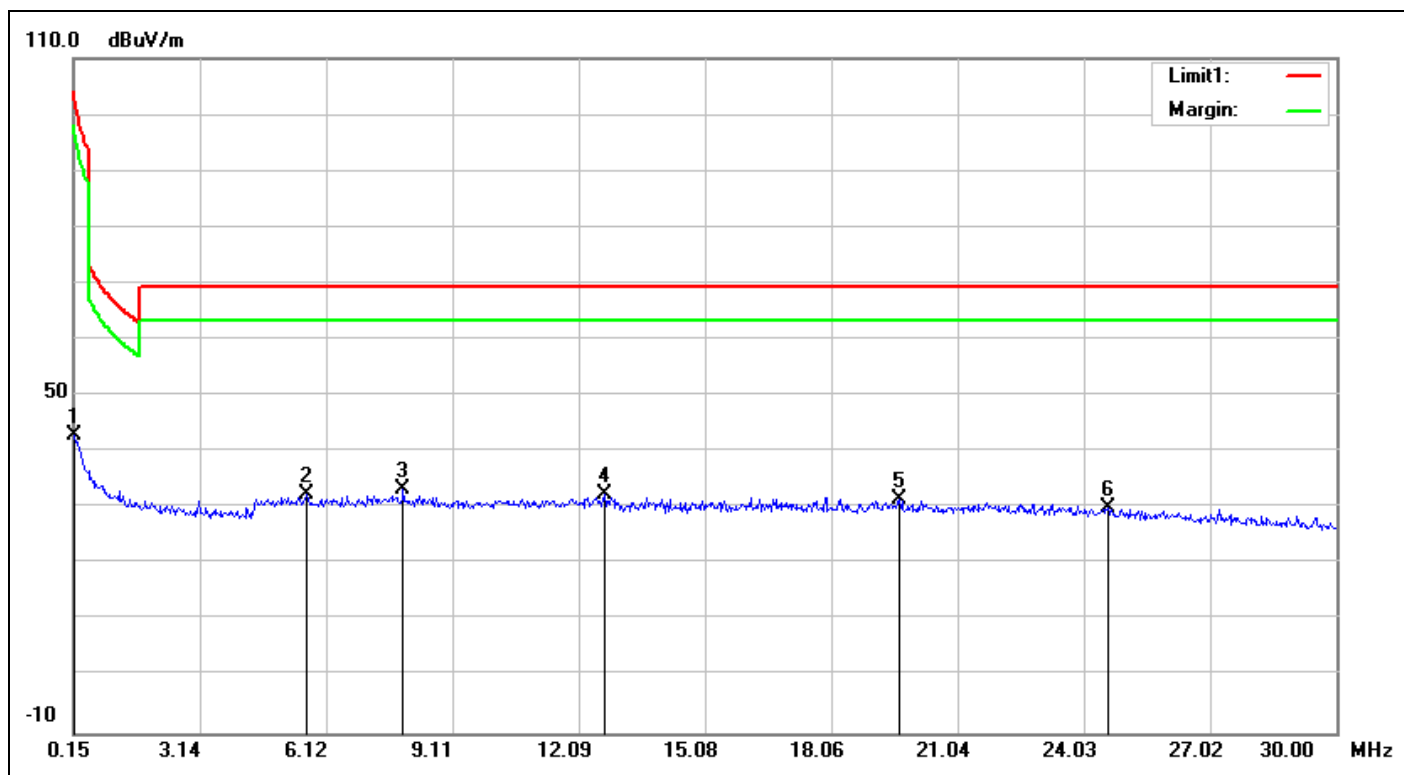
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Tel:+886-2172-7000 fax:+886-2528-0018



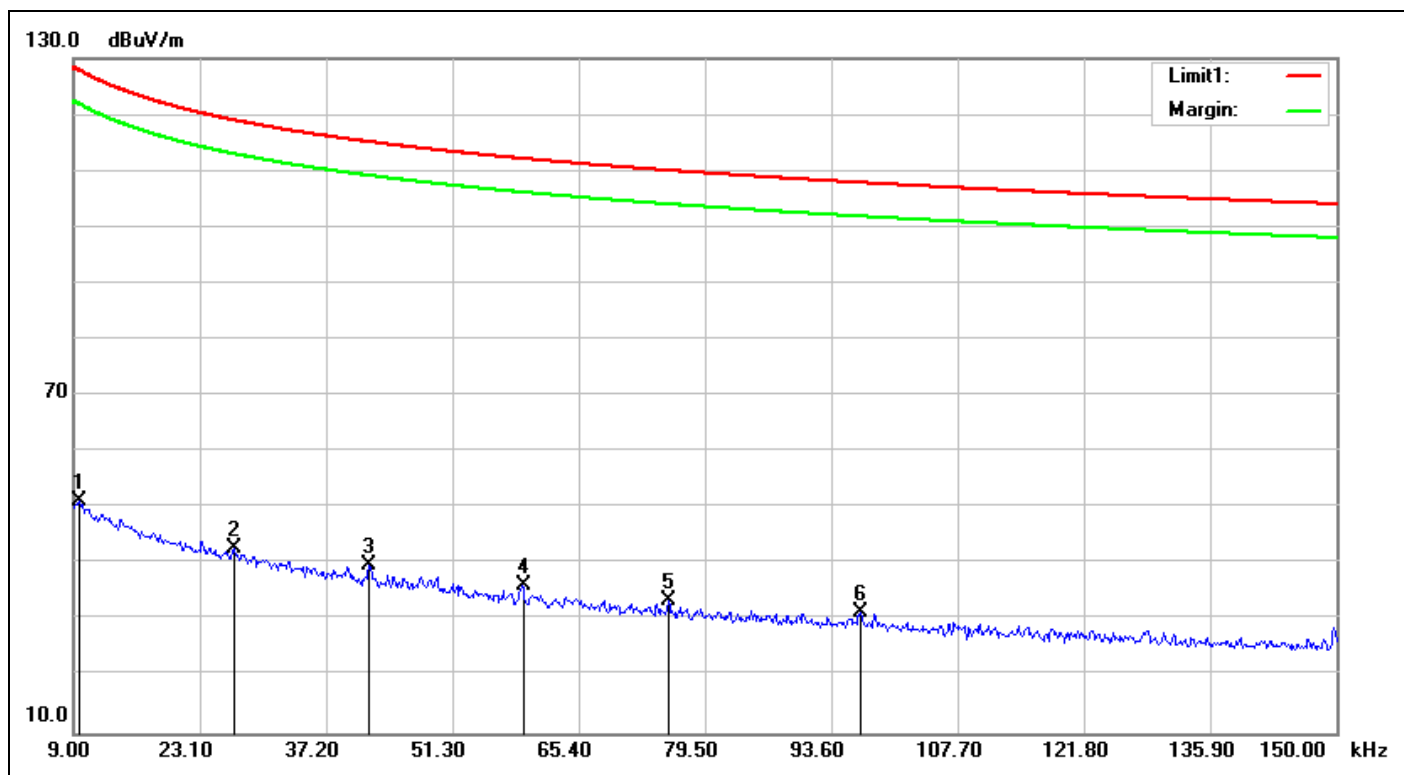
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:21:47
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5200-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0096	19.77	31.33	51.10	127.94	-76.84	QP	100	279	
2	0.0421	19.71	21.41	41.12	115.11	-73.99	QP	100	194	
3	0.0592	19.37	18.23	37.60	112.15	-74.55	QP	100	226	
4	0.0640	19.35	15.32	34.67	111.47	-76.80	QP	100	325	
5	0.0771	19.27	13.04	32.31	109.85	-77.54	QP	100	131	
6	0.1059	19.12	10.56	29.68	107.10	-77.42	QP	100	0	



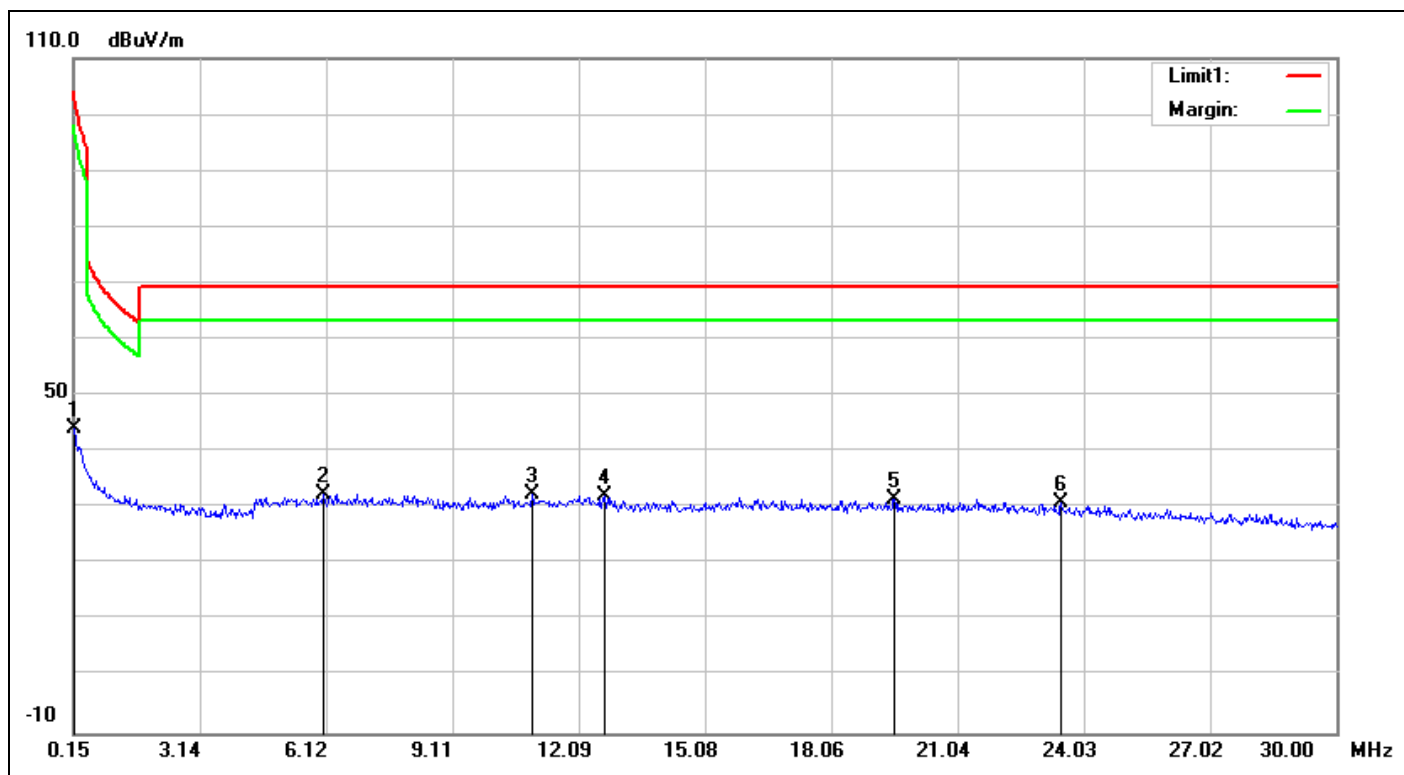
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:35:28
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5200-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1799	19.06	24.01	43.07	102.50	-59.43	QP	100	308	
2	5.6424	19.82	12.57	32.39	69.50	-37.11	QP	100	190	
3	7.9409	20.04	13.26	33.30	69.50	-36.20	QP	100	147	
4	12.7169	20.70	11.74	32.44	69.50	-37.06	QP	100	217	
5	19.6719	21.92	9.59	31.51	69.50	-37.99	QP	100	174	
6	24.5972	22.29	7.72	30.01	69.50	-39.49	QP	100	141	



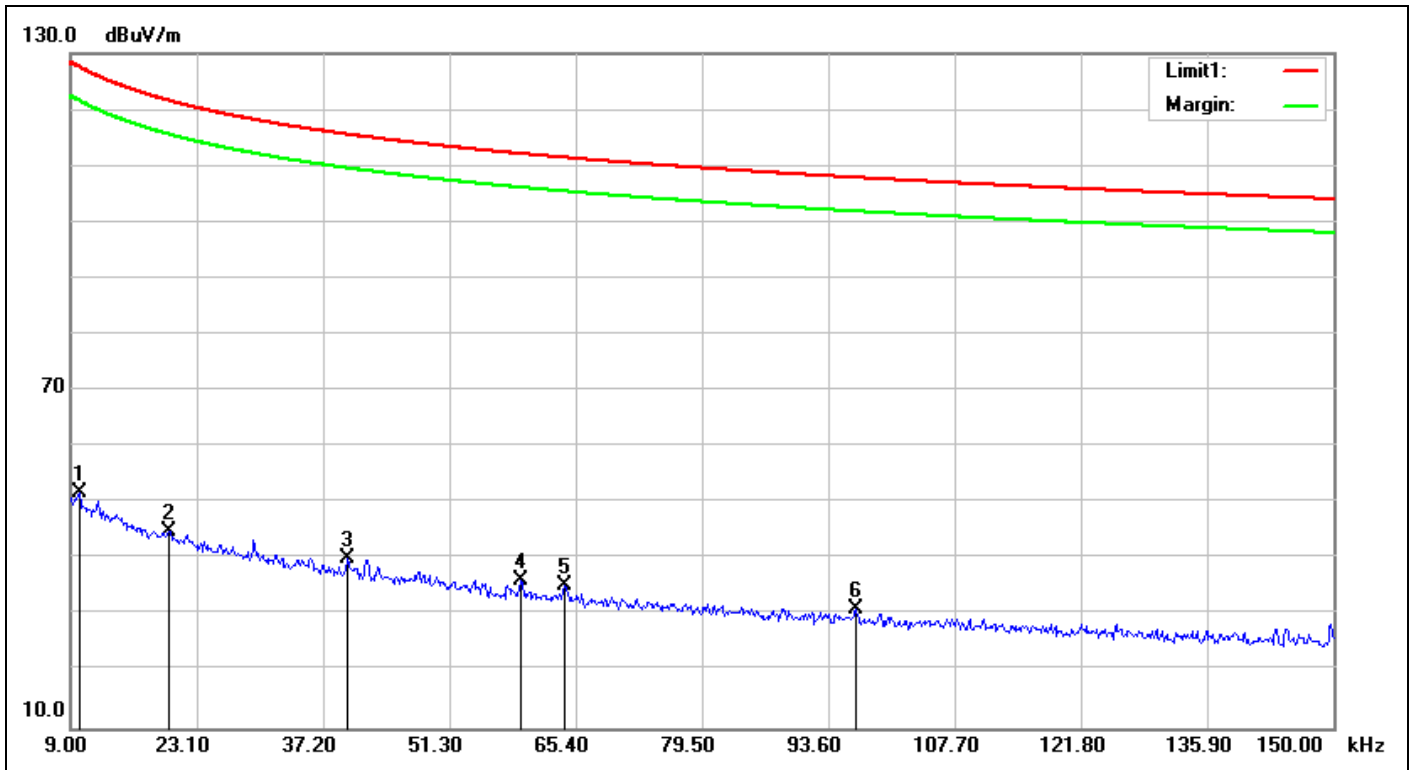
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:24:32
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5300-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0096	19.77	31.46	51.23	127.94	-76.71	QP	100	289	
2	0.0269	20.10	22.83	42.93	119.00	-76.07	QP	100	141	
3	0.0420	19.71	20.06	39.77	115.13	-75.36	QP	100	82	
4	0.0591	19.38	16.79	36.17	112.16	-75.99	QP	100	341	
5	0.0754	19.28	14.25	33.53	110.05	-76.52	QP	100	4	
6	0.0968	19.15	12.28	31.43	107.88	-76.45	QP	100	168	



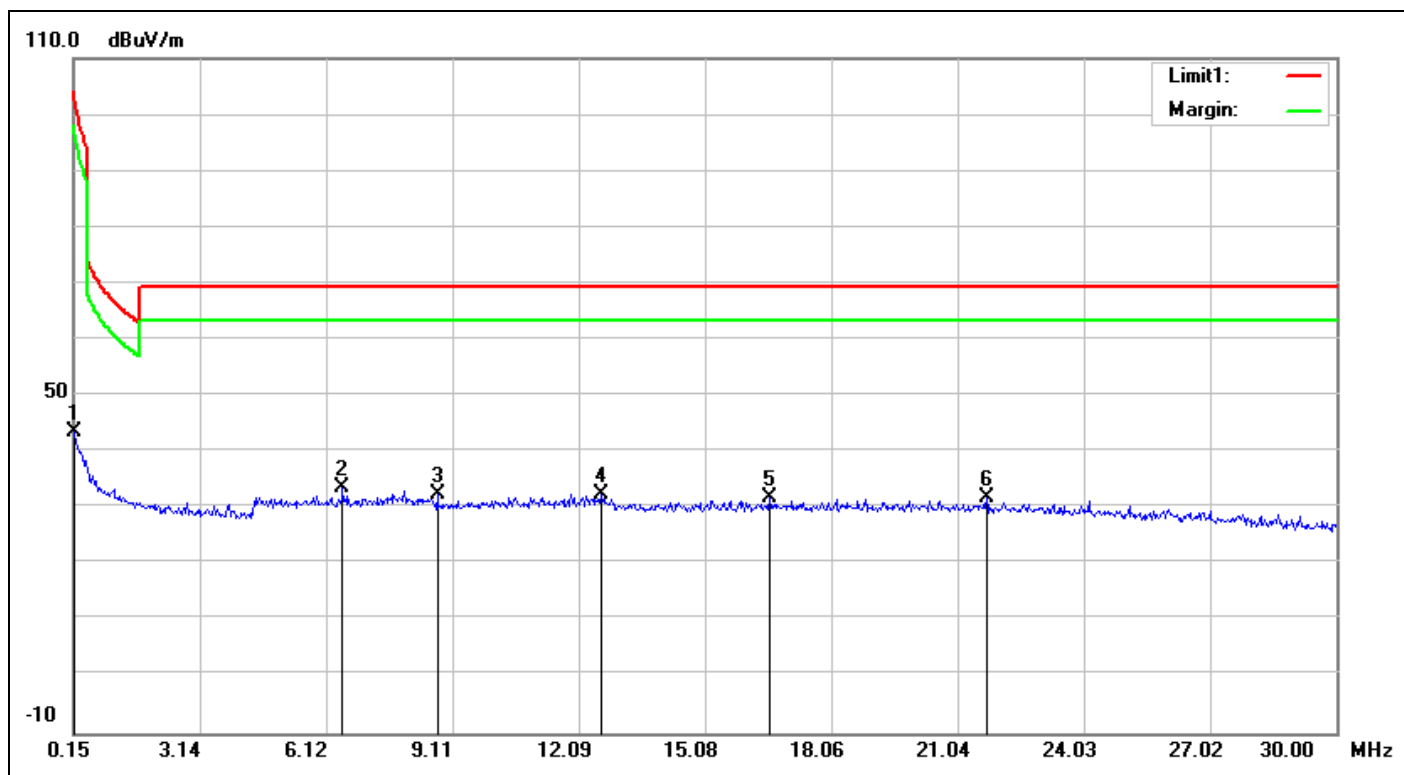
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:38:31
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5300-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1500	19.08	25.21	44.29	104.08	-59.79	QP	100	82	
2	6.0603	19.85	12.75	32.60	69.50	-36.90	QP	100	360	
3	10.9856	20.40	11.92	32.32	69.50	-37.18	QP	100	229	
4	12.7169	20.70	11.40	32.10	69.50	-37.40	QP	100	150	
5	19.5525	21.90	9.67	31.57	69.50	-37.93	QP	100	0	
6	23.4927	22.22	8.83	31.05	69.50	-38.45	QP	100	0	



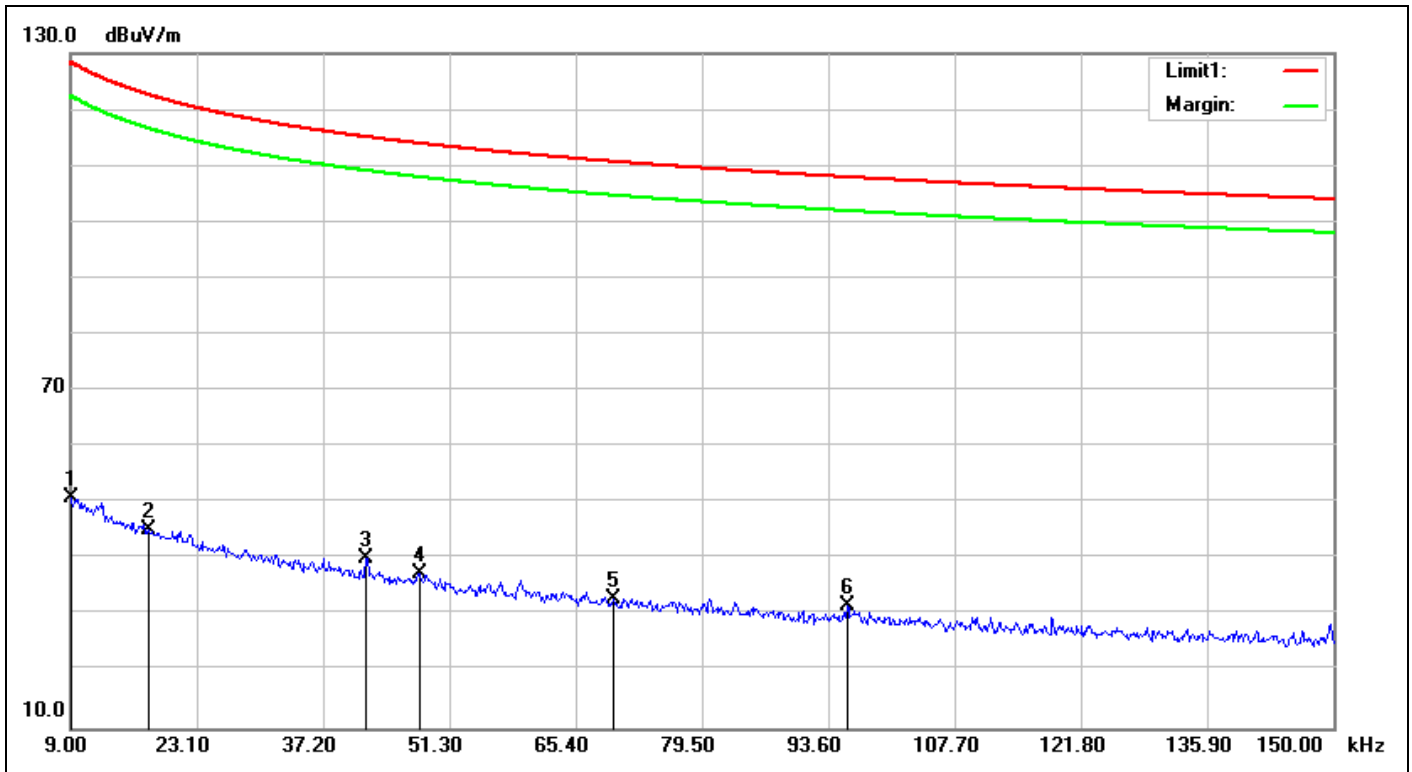
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:27:26
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5560-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0099	19.89	31.96	51.85	127.67	-75.82	QP	100	325	
2	0.0199	20.03	25.04	45.07	121.61	-76.54	QP	100	177	
3	0.0398	19.79	20.35	40.14	115.59	-75.45	QP	100	98	
4	0.0593	19.37	16.92	36.29	112.13	-75.84	QP	100	335	
5	0.0641	19.35	16.15	35.50	111.46	-75.96	QP	100	220	
6	0.0967	19.15	12.06	31.21	107.89	-76.68	QP	100	131	



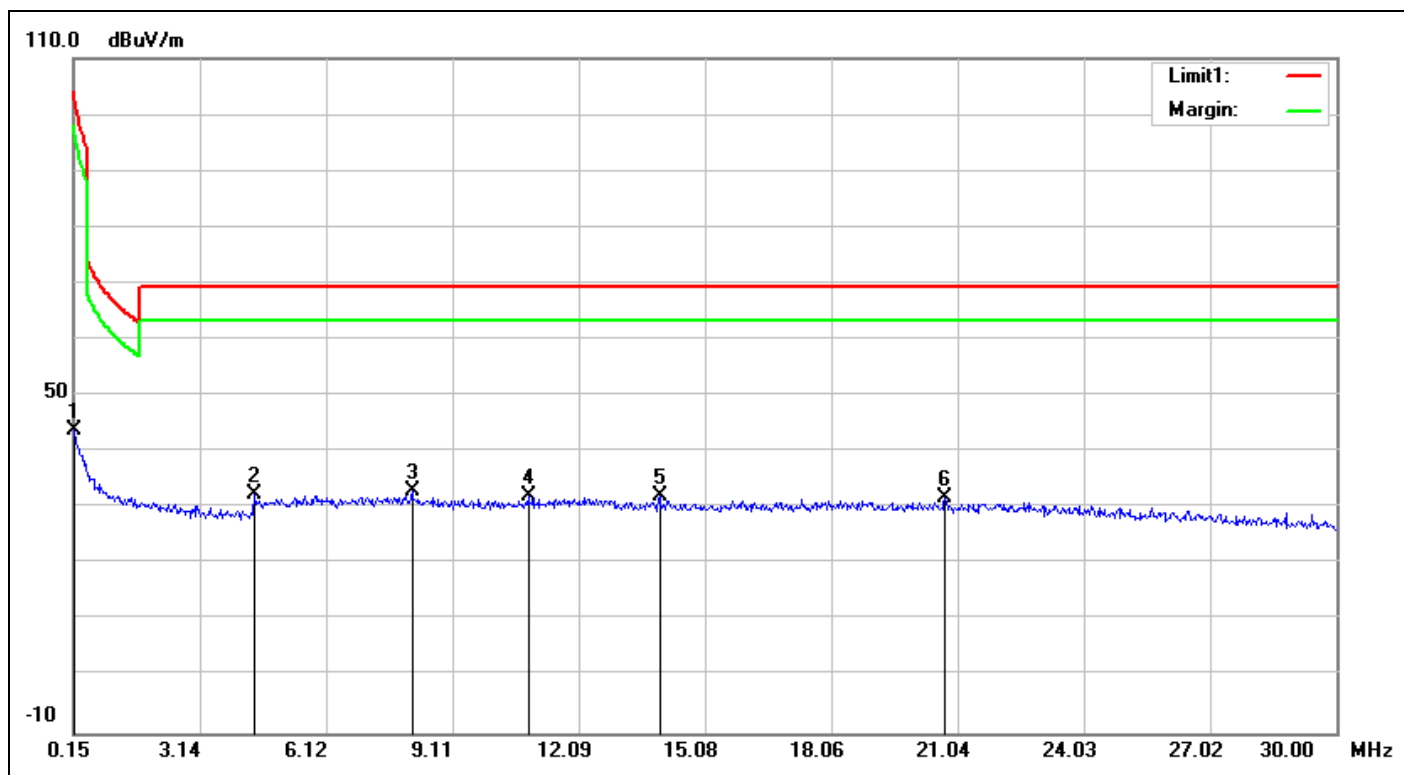
Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:41:00
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5560-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1799	19.06	24.49	43.55	102.50	-58.95	QP	100	223	
2	6.5081	19.90	13.80	33.70	69.50	-35.80	QP	100	206	
3	8.7468	20.10	12.46	32.56	69.50	-36.94	QP	100	1	
4	12.6273	20.69	11.62	32.31	69.50	-37.19	QP	100	266	
5	16.5974	21.38	10.43	31.81	69.50	-37.69	QP	100	301	
6	21.7316	22.10	9.79	31.89	69.50	-37.61	QP	100	94	



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:32:21
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%) :	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5785-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0090	19.53	31.29	50.82	128.50	-77.68	QP	100	134	
2	0.0177	20.01	25.16	45.17	122.63	-77.46	QP	100	85	
3	0.0420	19.71	20.51	40.22	115.13	-74.91	QP	100	213	
4	0.0479	19.50	17.90	37.40	113.99	-76.59	QP	100	0	
5	0.0696	19.31	13.73	33.04	110.74	-77.70	QP	100	359	
6	0.0957	19.16	12.62	31.78	107.98	-76.20	QP	100	347	



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:46:07
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5785-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1799	19.06	24.65	43.71	102.50	-58.79	QP	100	29	
2	4.4186	19.40	12.97	32.37	69.50	-37.13	QP	100	91	
3	8.1498	20.05	12.95	33.00	69.50	-36.50	QP	100	282	
4	10.8960	20.38	11.75	32.13	69.50	-37.37	QP	100	190	
5	14.0004	20.93	11.14	32.07	69.50	-37.43	QP	100	194	
6	20.7465	22.03	9.77	31.80	69.50	-37.70	QP	100	269	

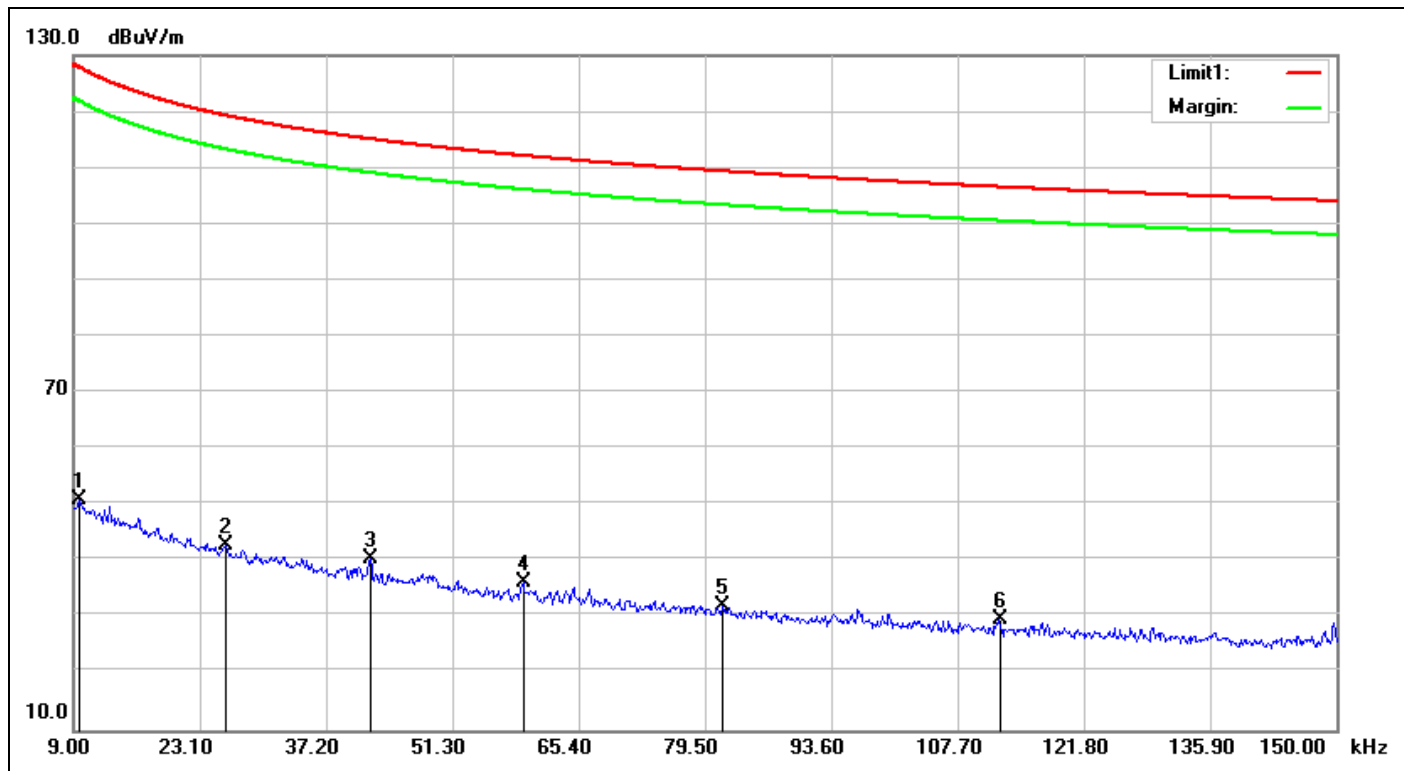
Spurious Emissions, RX Mode, 9k-30M, Straddle Channel



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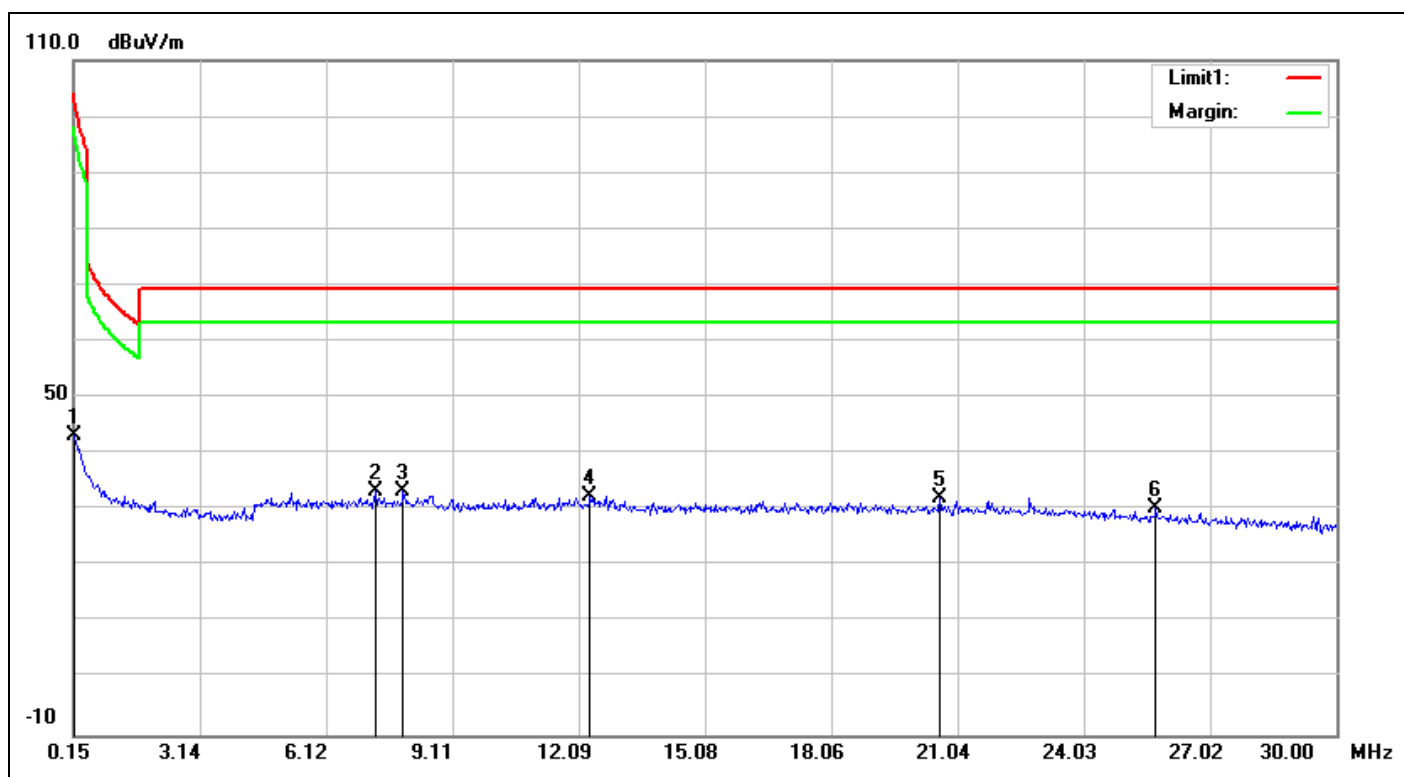
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:30:00
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%)	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5720-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0096	19.77	31.11	50.88	127.94	-77.06	QP	100	321	
2	0.0261	20.09	22.84	42.93	119.26	-76.33	QP	100	252	
3	0.0421	19.71	20.67	40.38	115.11	-74.73	QP	100	301	
4	0.0592	19.37	16.85	36.22	112.15	-75.93	QP	100	288	
5	0.0815	19.24	12.93	32.17	109.37	-77.20	QP	100	321	
6	0.1124	19.12	10.60	29.72	106.58	-76.86	QP	100	359	



Service No.:	114077170	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/5/21 20:43:37
Applicant:	Hon Hai Precision Industry Co., Ltd.	Test Rating:	DC 3.3V
Product:	IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module	Temp.(°C)/Hum.(%):	19.5(°C)/57%
Model No.:	WFU033-LGA	Test Engineer:	Curry Chen
Test Mode:	A-5720-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1799	19.06	24.23	43.29	102.50	-59.21	QP	100	72	
2	7.2842	19.97	13.36	33.33	69.50	-36.17	QP	100	180	
3	7.9409	20.04	13.29	33.33	69.50	-36.17	QP	100	348	
4	12.3587	20.64	11.70	32.34	69.50	-37.16	QP	100	279	
5	20.6271	22.03	10.07	32.10	69.50	-37.40	QP	100	151	
6	25.7315	22.36	8.01	30.37	69.50	-39.13	QP	100	174	

Mains Emissions, 150k-30M

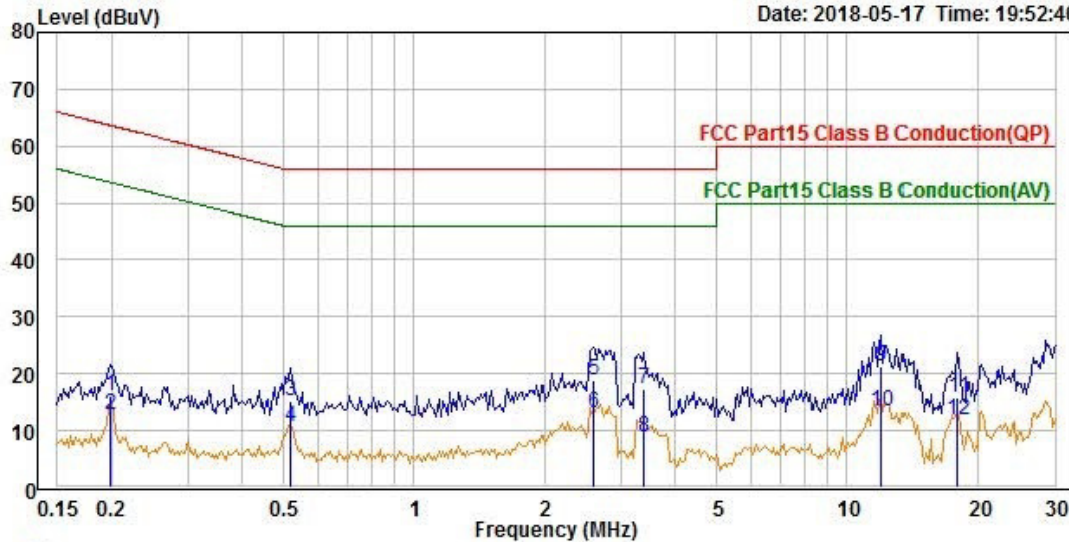
Combination1



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Date: 2018-05-17 Time: 19:52:40



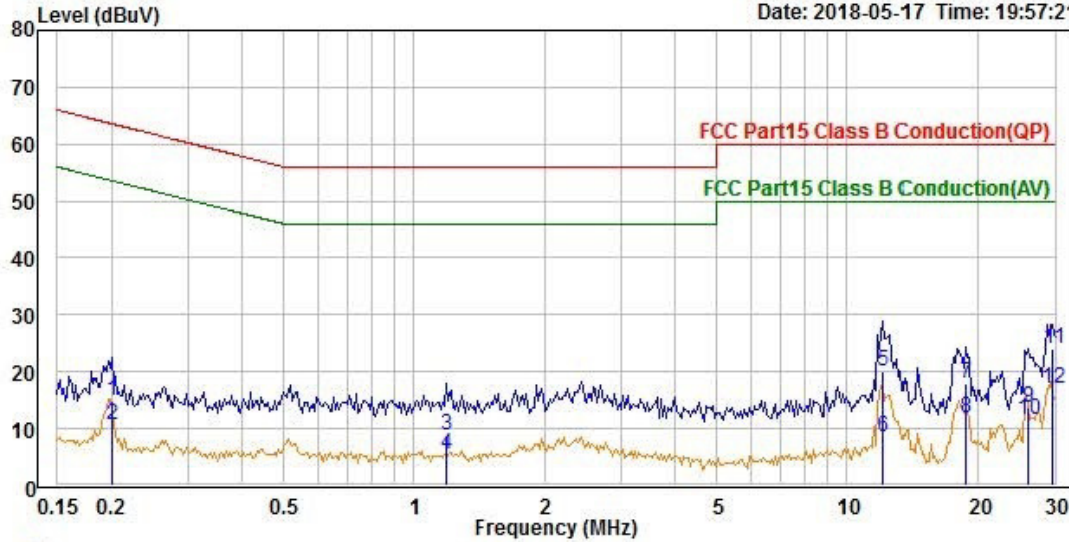
Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Colin Lu
Applicant : Hon Hai Precision Industry Co., Ltd.
Product : IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module
Model No. : WFU033-LGA
Test Rating : 3.3Vdc
Tmp/Hum : 23 °C / 49 %
Memo : WIFI link + A1/A2 antenna

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.198	6.45	9.65	16.10	63.69	-47.59	QP
2	0.198	3.26	9.65	12.91	53.69	-40.78	Average
3	0.520	5.64	9.66	15.30	56.00	-40.70	QP
4	0.520	1.11	9.66	10.77	46.00	-35.23	Average
5	2.601	9.11	9.69	18.80	56.00	-37.20	QP
6	2.601	3.53	9.69	13.22	46.00	-32.78	Average
7	3.401	7.74	9.71	17.45	56.00	-38.55	QP
8	3.401	-0.82	9.71	8.89	46.00	-37.11	Average
9	12.021	11.47	9.80	21.27	60.00	-38.73	QP
10	12.021	3.60	9.80	13.40	50.00	-36.60	Average
11	17.891	6.12	9.81	15.93	60.00	-44.07	QP
12	17.891	2.15	9.81	11.96	50.00	-38.04	Average

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Date: 2018-05-17 Time: 19:57:21



Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) neutral
Test Engineer: Colin Lu
Applicant : Hon Hai Precision Industry Co., Ltd.
Product : IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module
Model No. : WFU033-LGA
Test Rating : 3.3Vdc
Tmp/Hum : 23 °C / 49 %
Memo : WIFI link + A1/A2 antenna

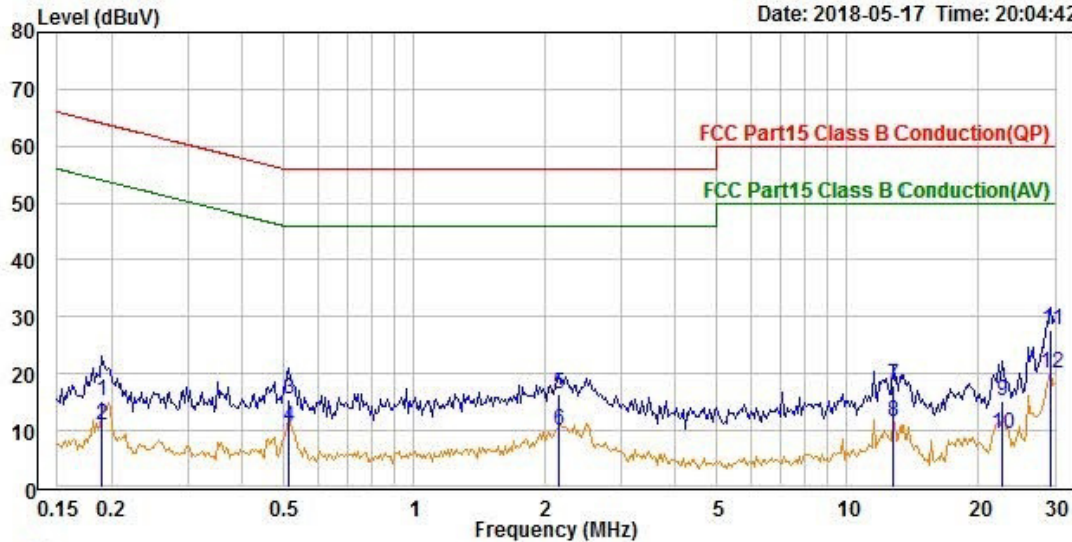
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.200	5.12	9.66	14.78	63.61	-48.83	QP
2	0.200	1.13	9.66	10.79	53.61	-42.82	Average
3	1.186	-0.98	9.67	8.69	56.00	-47.31	QP
4	1.186	-4.21	9.67	5.46	46.00	-40.54	Average
5	12.141	10.34	9.83	20.17	60.00	-39.83	QP
6	12.141	-1.25	9.83	8.58	50.00	-41.42	Average
7	18.617	7.98	9.87	17.85	60.00	-42.15	QP
8	18.617	1.90	9.87	11.77	50.00	-38.23	Average
9	26.102	3.90	9.89	13.79	60.00	-46.21	QP
10	26.102	1.73	9.89	11.62	50.00	-38.38	Average
11	29.703	14.21	9.90	24.11	60.00	-35.89	QP
12	29.703	7.12	9.90	17.02	50.00	-32.98	Average



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

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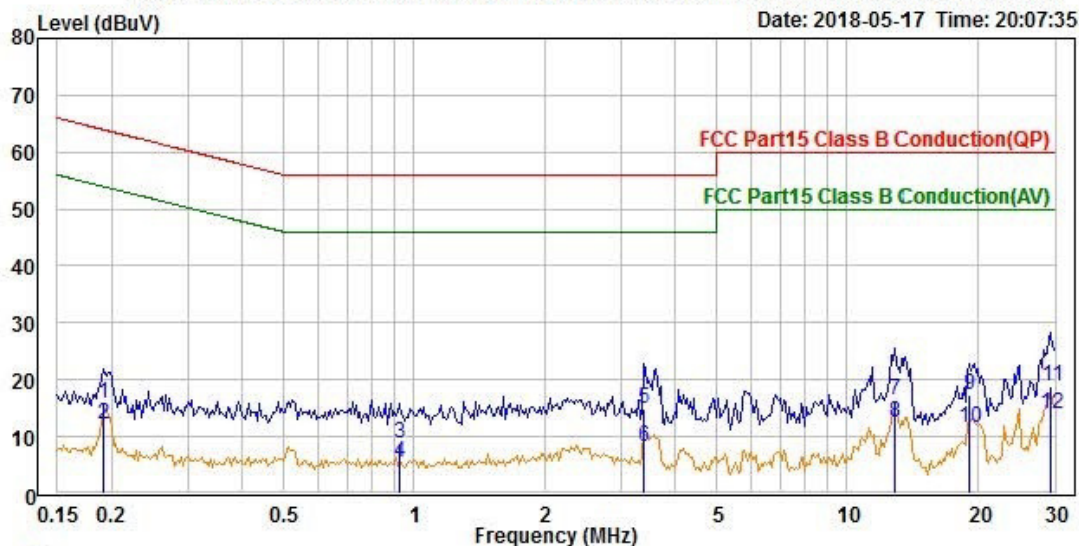


Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Colin Lu
Applicant : Hon Hai Precision Industry Co., Ltd.
Product : IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module
Model No. : WFU033-LGA
Test Rating : 3.3Vdc
Tmp/Hum : 23 °C / 49 %
Memo : WIFI link + B1/B2 antenna

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.190	5.44	9.65	15.09	64.02	-48.93	QP
2	0.190	1.36	9.65	11.01	54.02	-43.01	Average
3	0.515	5.86	9.66	15.52	56.00	-40.48	QP
4	0.515	1.05	9.66	10.71	46.00	-35.29	Average
5	2.153	6.81	9.69	16.50	56.00	-39.50	QP
6	2.153	0.38	9.69	10.07	46.00	-35.93	Average
7	12.760	8.12	9.80	17.92	60.00	-42.08	QP
8	12.760	1.67	9.80	11.47	50.00	-38.53	Average
9	22.711	5.51	9.81	15.32	60.00	-44.68	QP
10	22.711	-0.32	9.81	9.49	50.00	-40.51	Average
11	29.409	17.88	9.79	27.67	60.00	-32.33	QP
12	29.409	10.16	9.79	19.95	50.00	-30.05	Average

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Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) neutral
Test Engineer: Colin Lu
Applicant : Hon Hai Precision Industry Co., Ltd.
Product : IEEE 802.11 a/b/g/n/ac 2x2 WiFi Module
Model No. : WFU033-LGA
Test Rating : 3.3Vdc
Tmp/Hum : 23 °C / 49 %
Memo : WIFI link + B1/B2 antenna

	Read			Limit	Over	
Freq	Level	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.192	6.23	15.89	63.94	-48.05	QP
2	0.192	2.55	12.21	53.94	-41.73	Average
3	0.925	-0.99	8.68	56.00	-47.32	QP
4	0.925	-4.22	5.45	46.00	-40.55	Average
5	3.401	5.06	14.78	56.00	-41.22	QP
6	3.401	-1.61	8.11	46.00	-37.89	Average
7	12.887	6.51	16.34	60.00	-43.66	QP
8	12.887	2.55	12.38	50.00	-37.62	Average
9	18.990	7.30	17.19	60.00	-42.81	QP
10	18.990	1.55	11.44	50.00	-38.56	Average
11	29.409	8.98	18.88	60.00	-41.12	QP
12	29.409	4.13	14.03	50.00	-35.97	Average