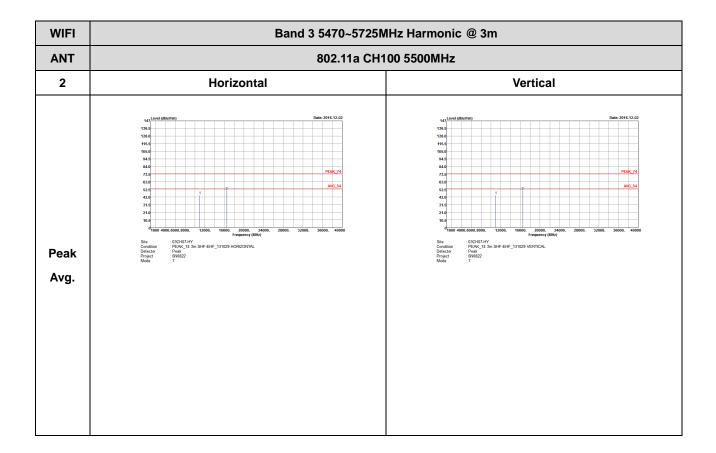
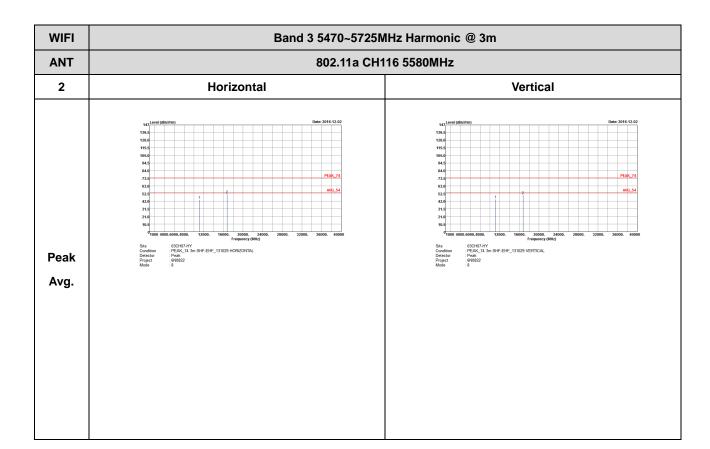


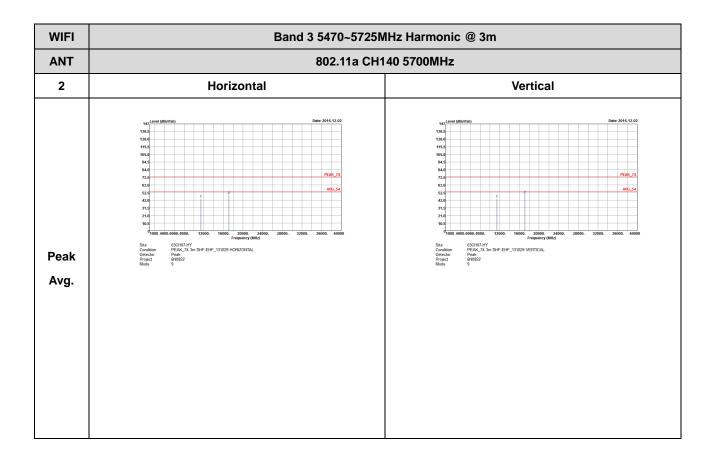
Band 3 - 5470~5725MHz WIFI 802.11a (Harmonic @ 3m)



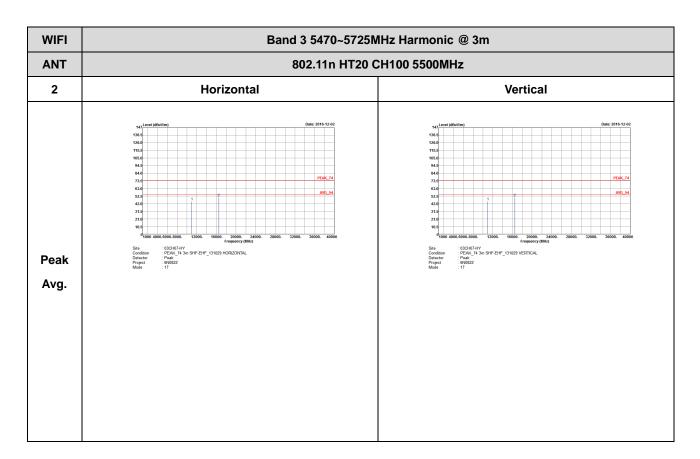
TEL: 886-3-327-3456 FAX: 886-3-328-4978



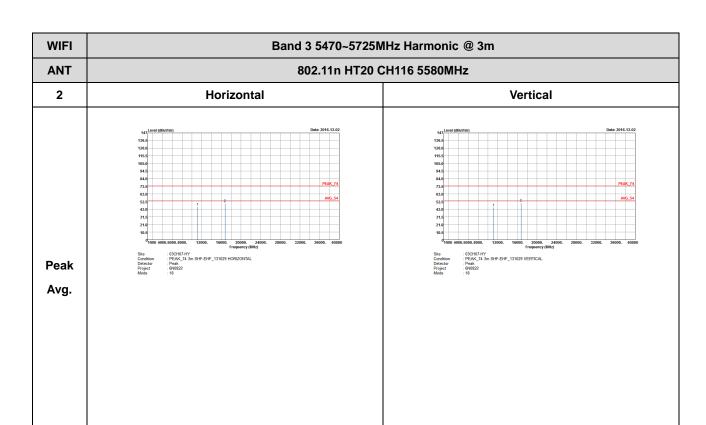


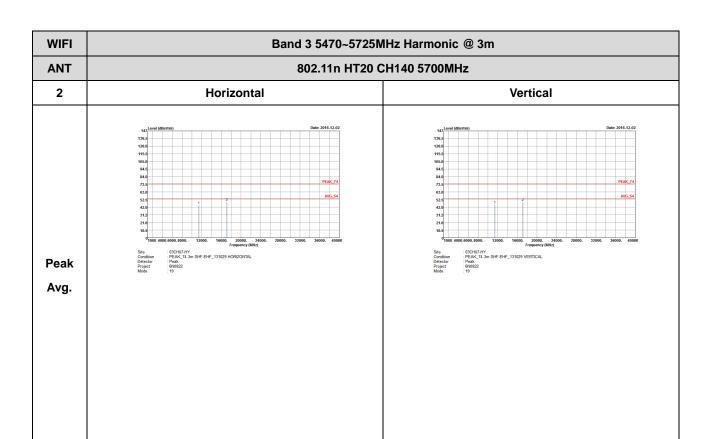


Band 3 5470~5725MHz WIFI 802.11n HT20 (Harmonic @ 3m)

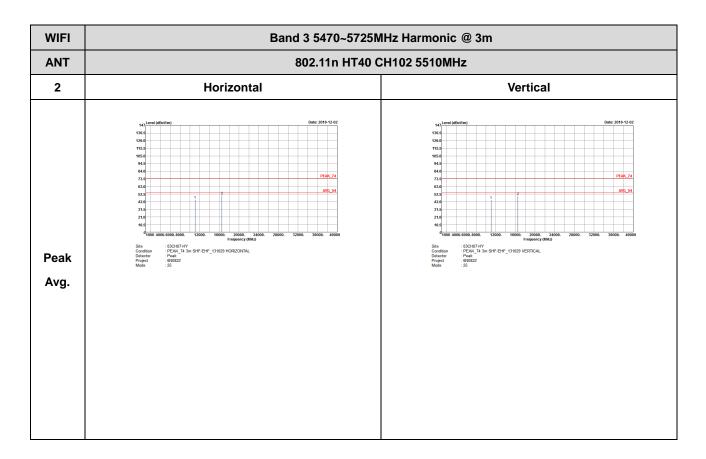


TEL: 886-3-327-3456 FAX: 886-3-328-4978



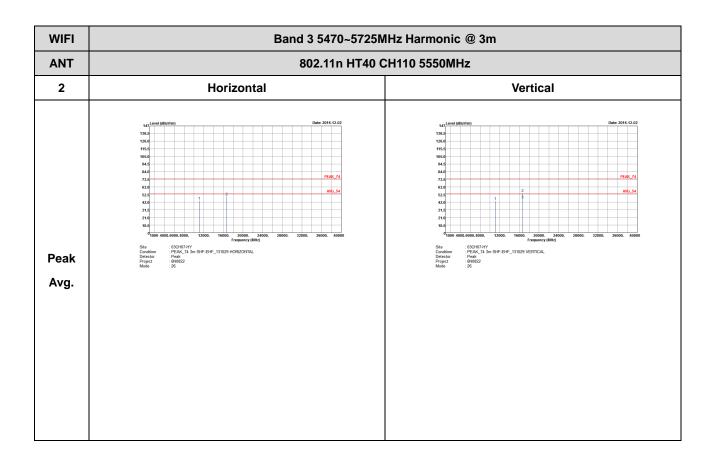


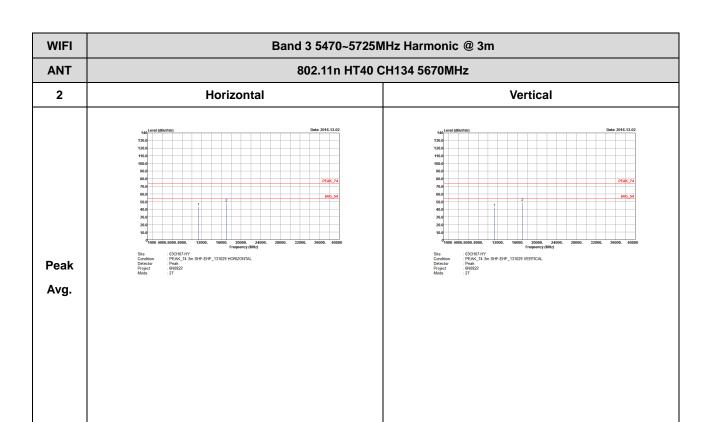
Band 3 5470~5725MHz WIFI 802.11n HT40 (Harmonic @ 3m)



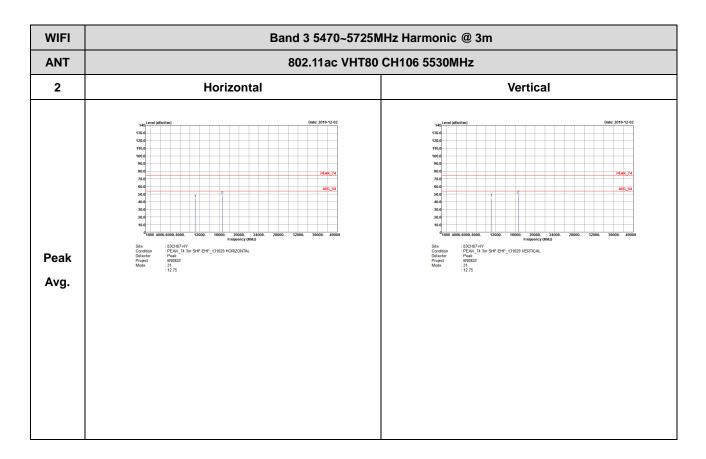
TEL: 886-3-327-3456 FAX: 886-3-328-4978





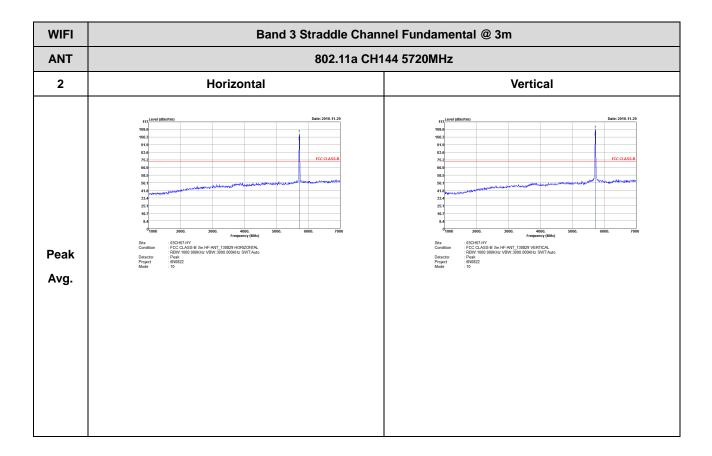


Band 3 5470~5725MHz WIFI 802.11ac VHT80 (Harmonic @ 3m)



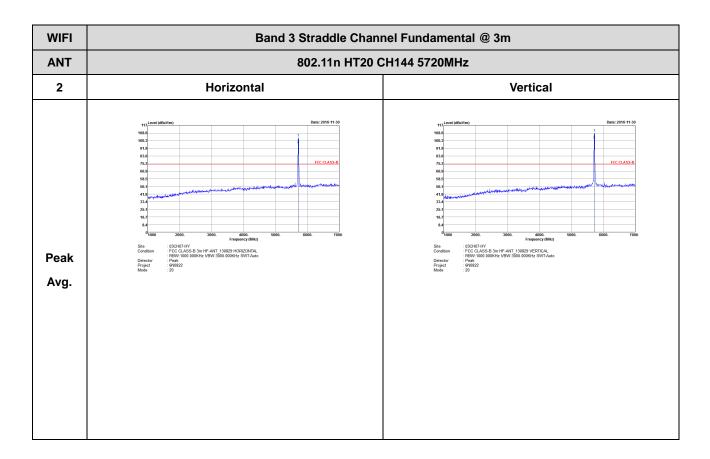
TEL: 886-3-327-3456 FAX: 886-3-328-4978

Band 3 - Straddle Channel WIFI 802.11a (Fundamental @ 3m)



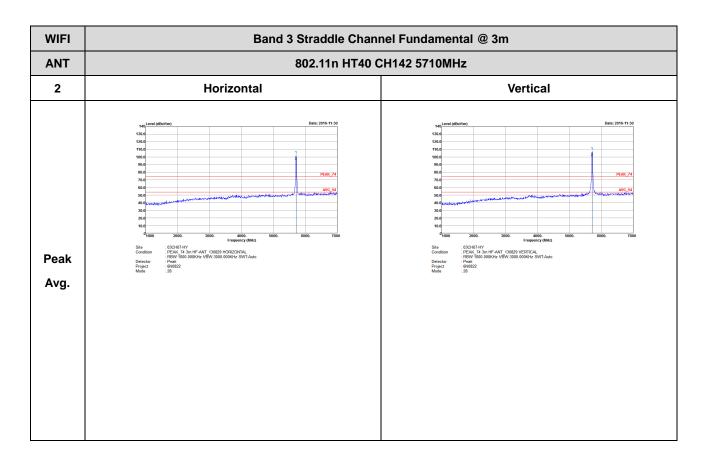
TEL: 886-3-327-3456 FAX: 886-3-328-4978

Band 3 – Straddle Channel WIFI 802.11n HT20 (Fundamental @ 3m)



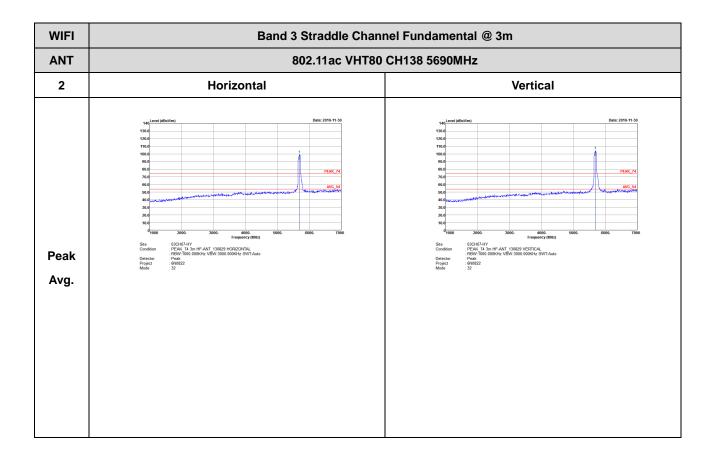
TEL: 886-3-327-3456 FAX: 886-3-328-4978

Band 3 – Straddle Channel WIFI 802.11n HT40 (Fundamental @ 3m)



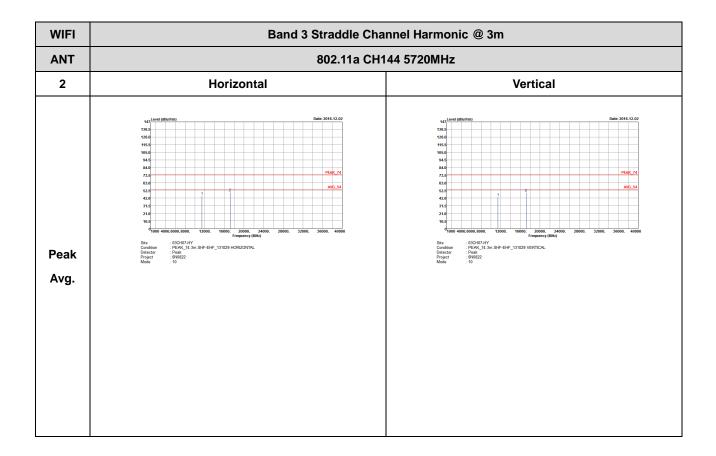
TEL: 886-3-327-3456 FAX: 886-3-328-4978

Band 3 – Straddle Channel WIFI 802.11ac VHT80 (Fundamental @ 3m)



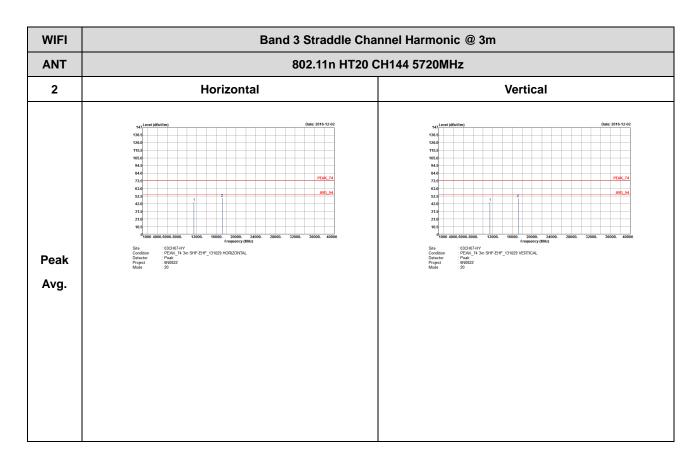
TEL: 886-3-327-3456 FAX: 886-3-328-4978

Band 3 - Straddle Channel WIFI 802.11a (Harmonic @ 3m)



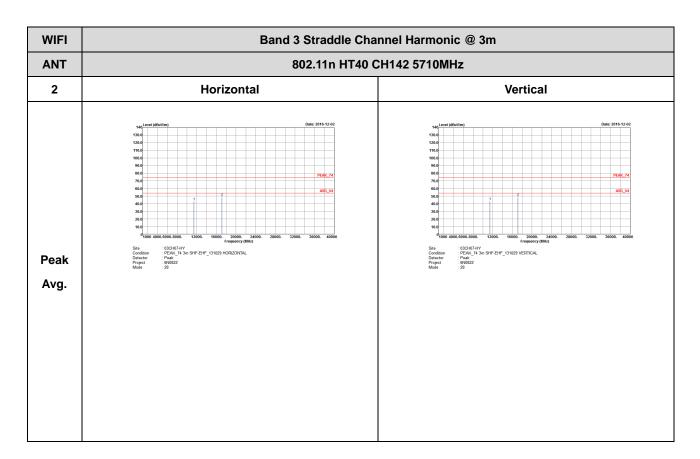
TEL: 886-3-327-3456 FAX: 886-3-328-4978

Band 3 – Straddle Channel WIFI 802.11n HT20 (Harmonic @ 3m)



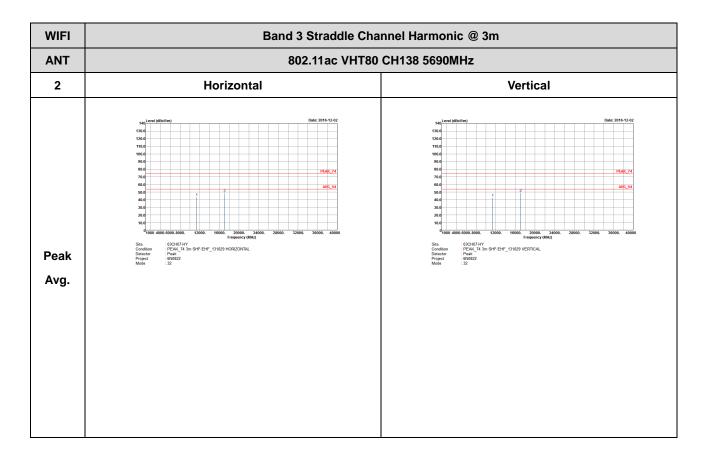
TEL: 886-3-327-3456 FAX: 886-3-328-4978

Band 3 – Straddle Channel WIFI 802.11n HT40 (Harmonic @ 3m)



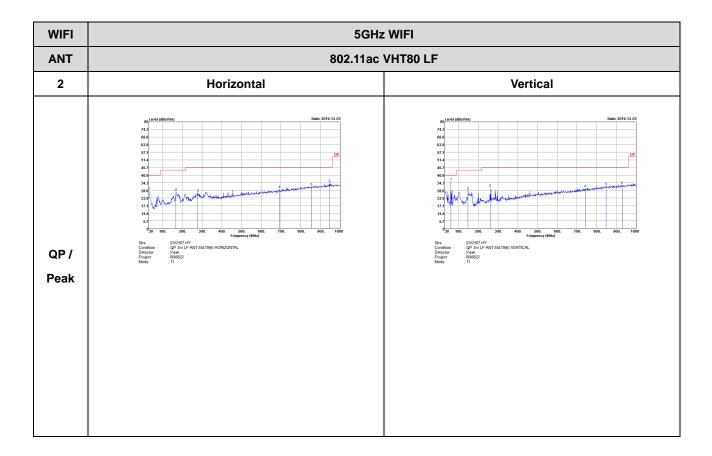
TEL: 886-3-327-3456 FAX: 886-3-328-4978

Band 3 – Straddle Channel WIFI 802.11ac VHT80 (Harmonic @ 3m)



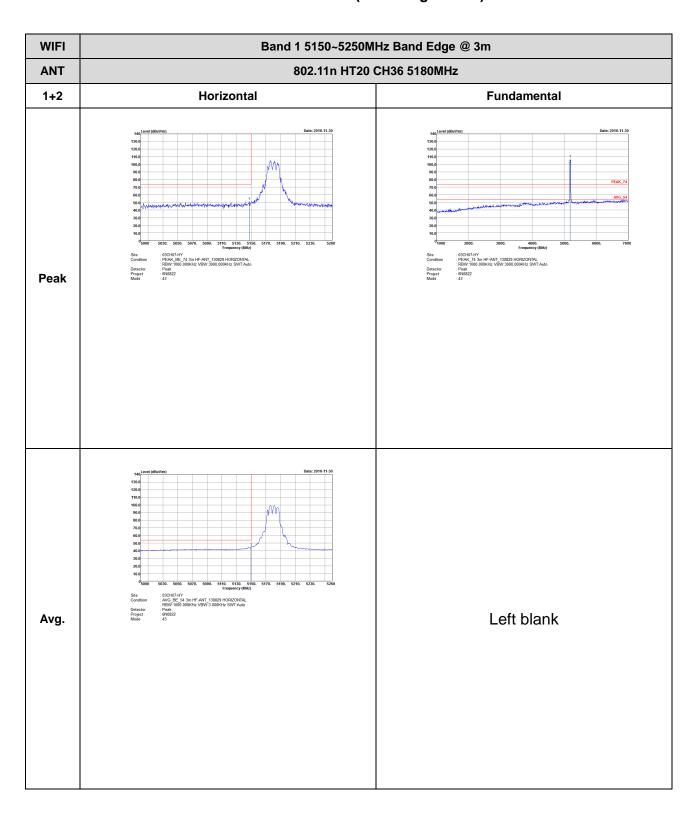
TEL: 886-3-327-3456 FAX: 886-3-328-4978

Emission below 1GHz 5GHz WIFI 802.11ac VHT80 (LF)

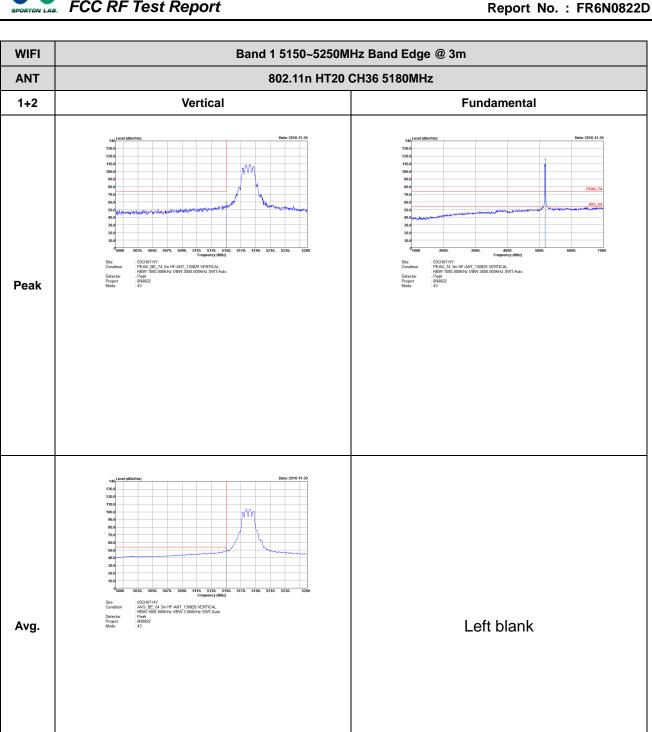


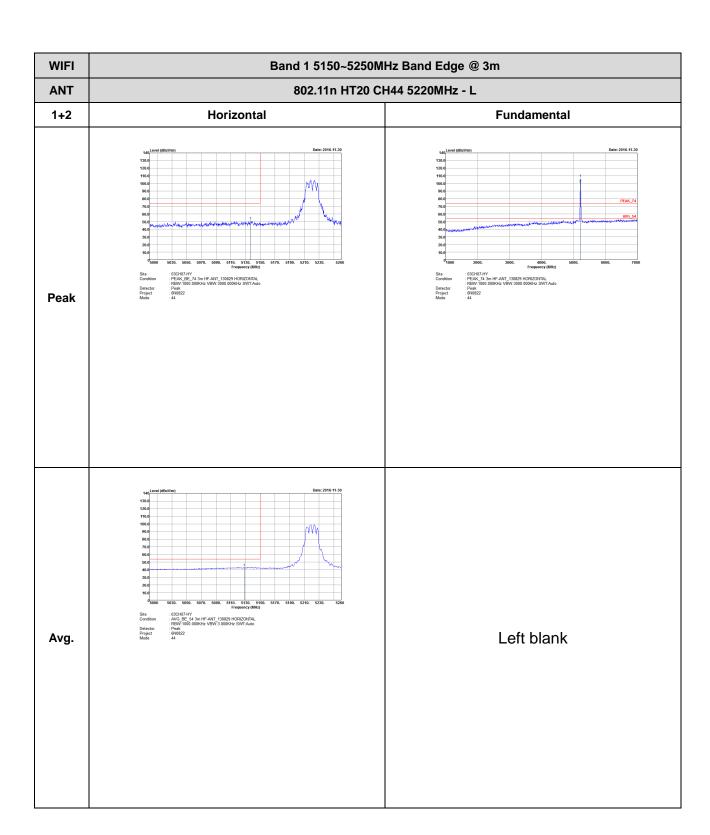
TEL: 886-3-327-3456 FAX: 886-3-328-4978

Band 1 - 5150~5250MHz WIFI 802.11n HT20 (Band Edge @ 3m)



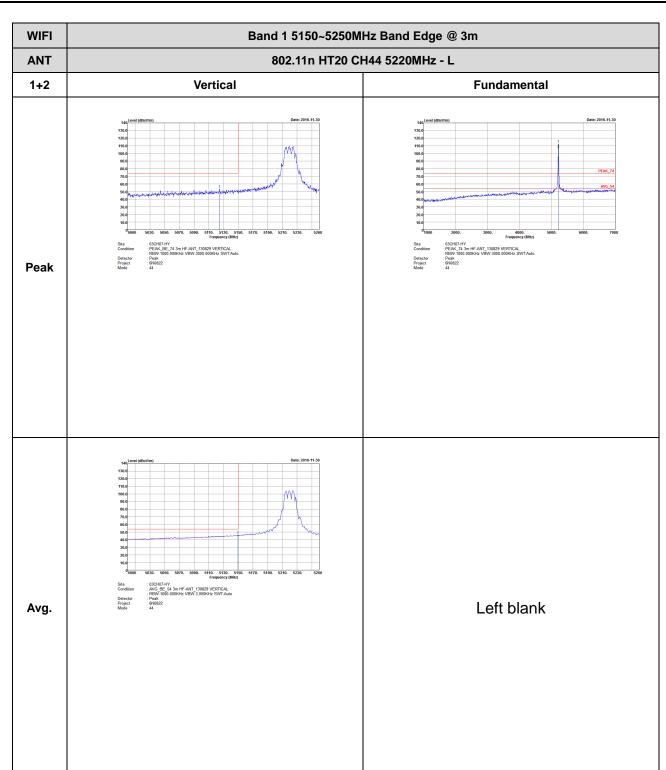
TEL: 886-3-327-3456 FAX: 886-3-328-4978

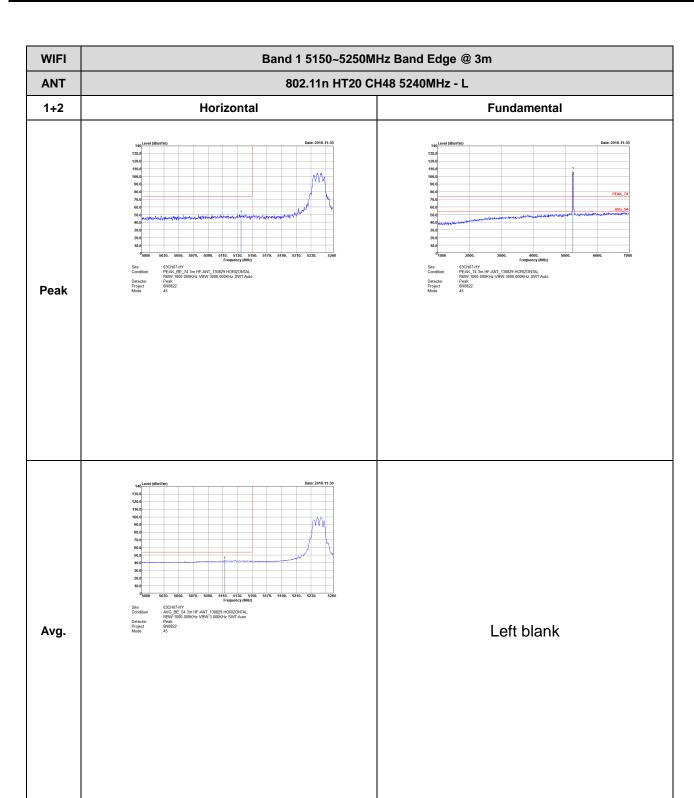


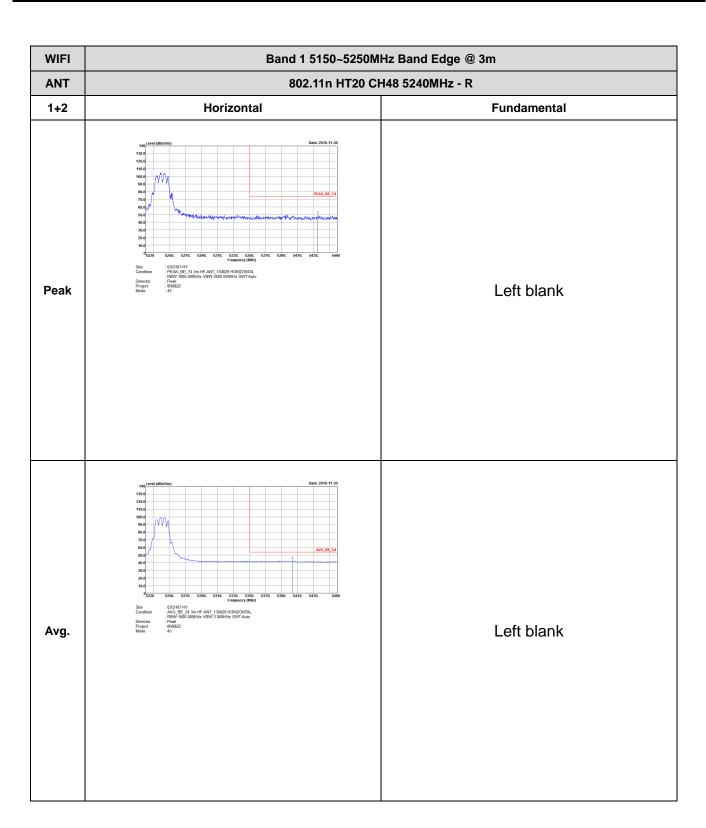


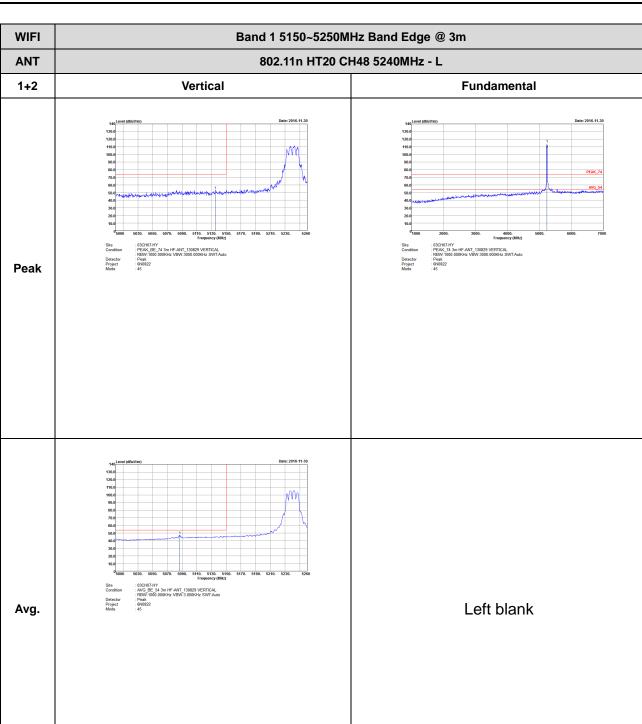
WIFI Band 1 5150~5250MHz Band Edge @ 3m **ANT** 802.11n HT20 CH44 5220MHz - R 1+2 Horizontal **Fundamental** Peak Left blank Left blank Avg.

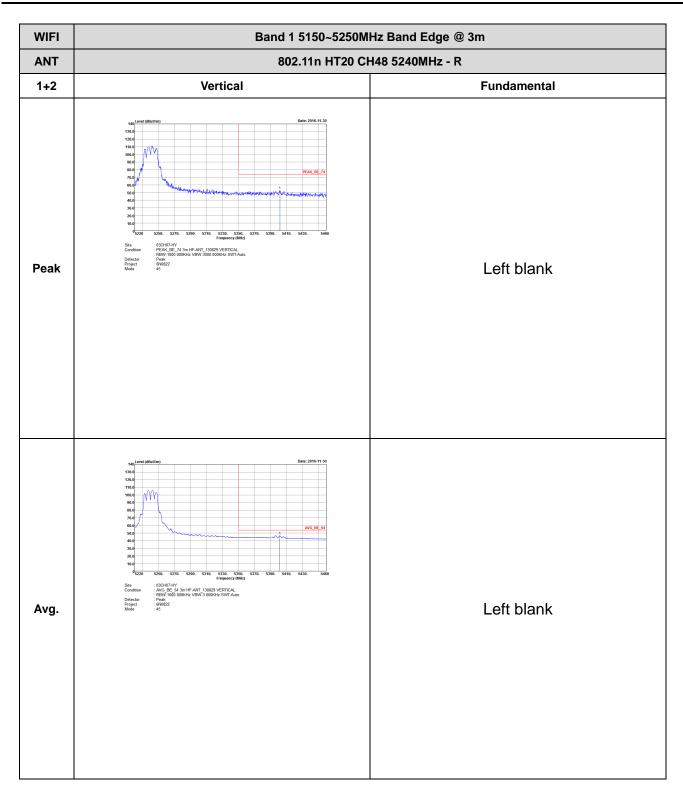
TEL: 886-3-327-3456 FAX: 886-3-328-4978



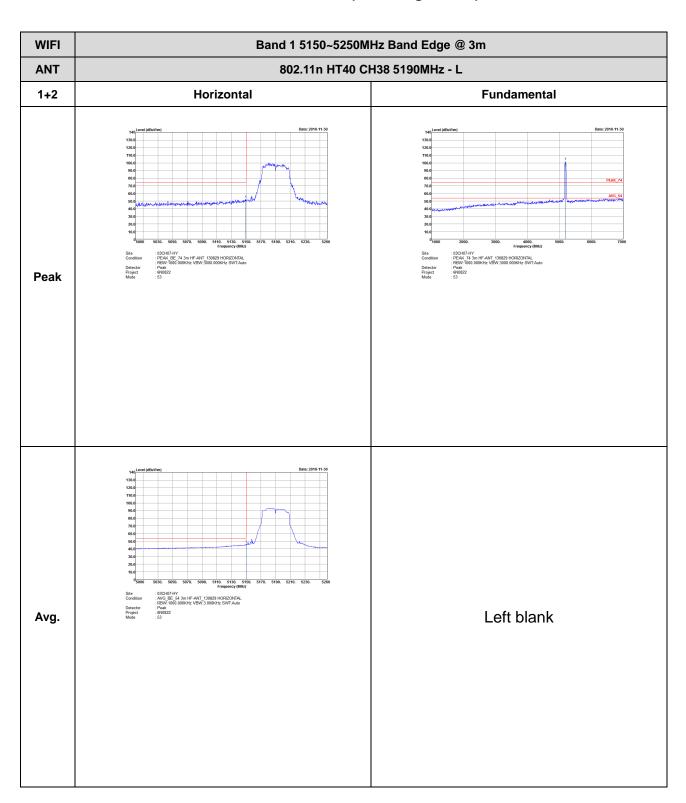








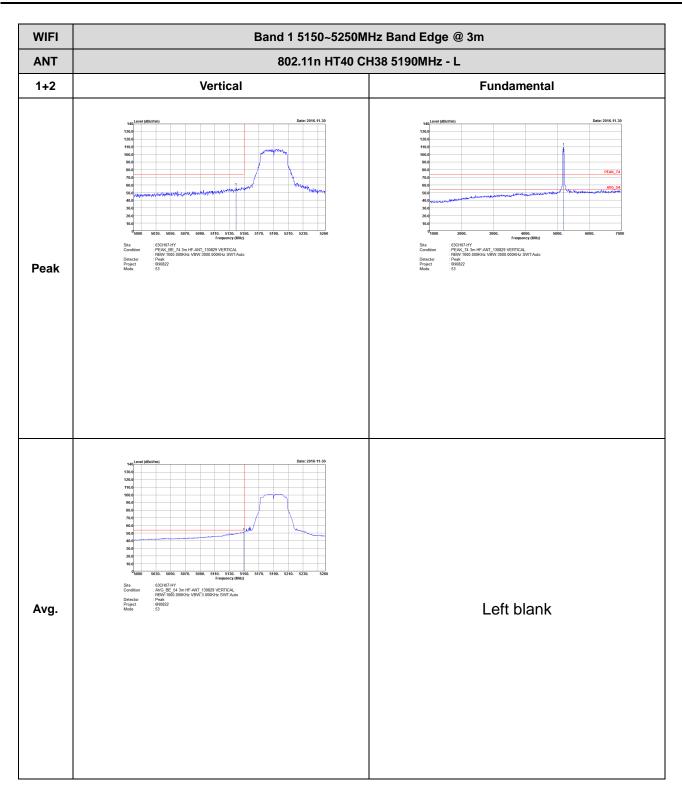
Band 1 5150~5250MHz WIFI 802.11n HT40 (Band Edge @ 3m)

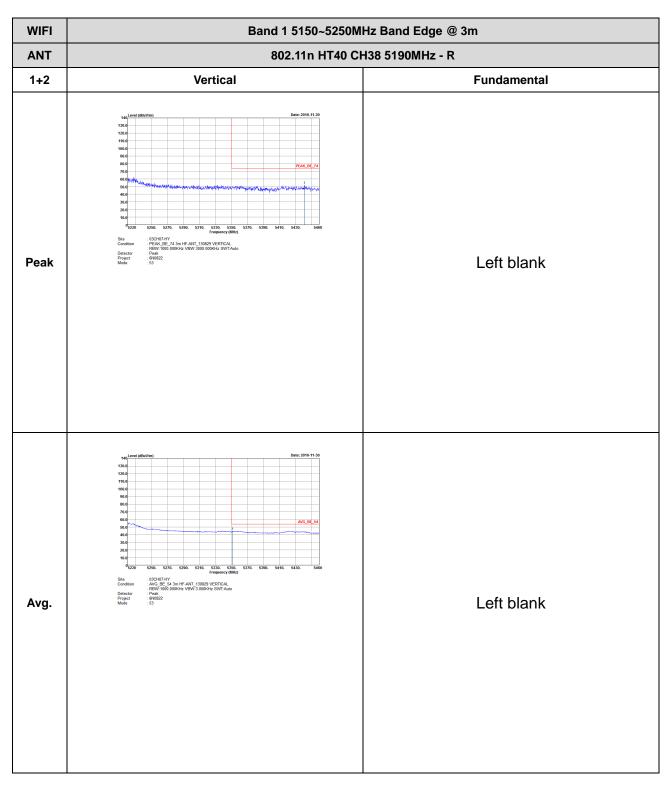


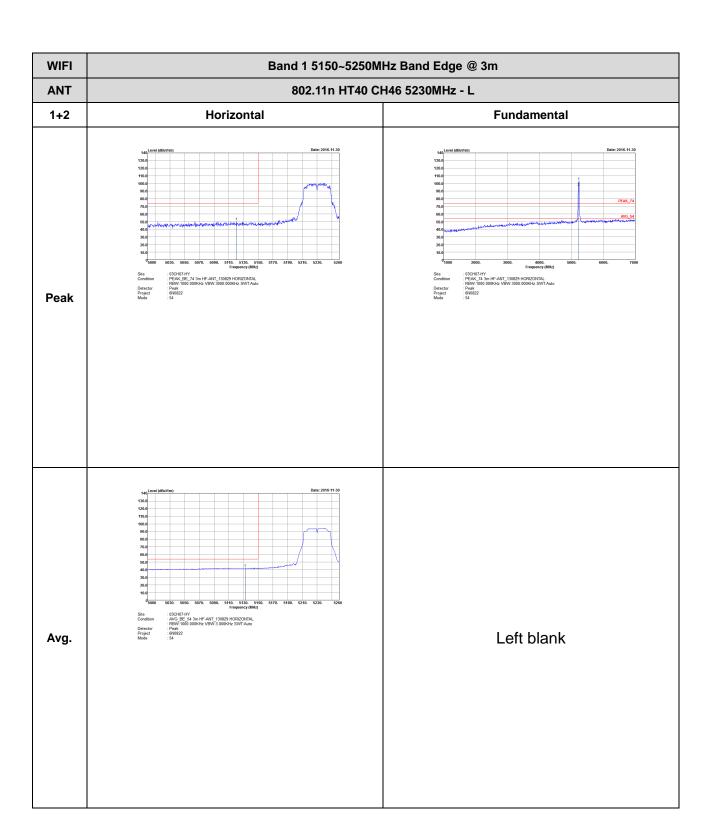
TEL: 886-3-327-3456 FAX: 886-3-328-4978

WIFI Band 1 5150~5250MHz Band Edge @ 3m **ANT** 802.11n HT40 CH38 5190MHz - R 1+2 Horizontal **Fundamental** Peak Left blank Left blank Avg.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

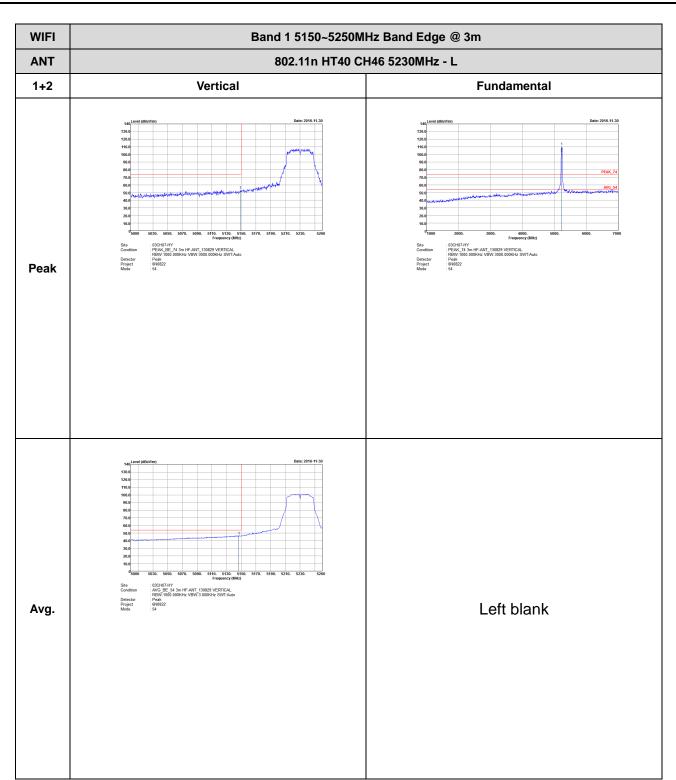






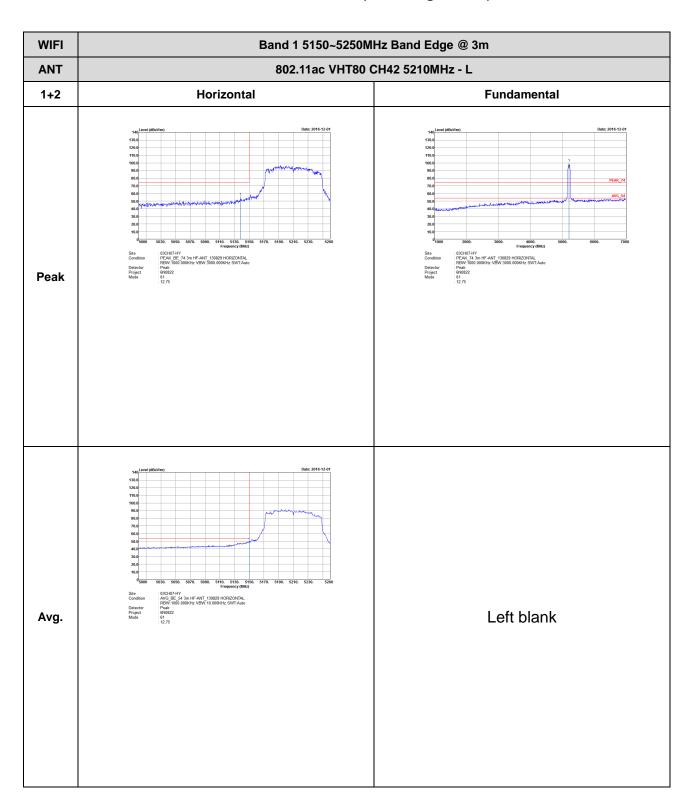
WIFI Band 1 5150~5250MHz Band Edge @ 3m **ANT** 802.11n HT40 CH46 5230MHz - R 1+2 Horizontal **Fundamental** Peak Left blank Left blank Avg.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

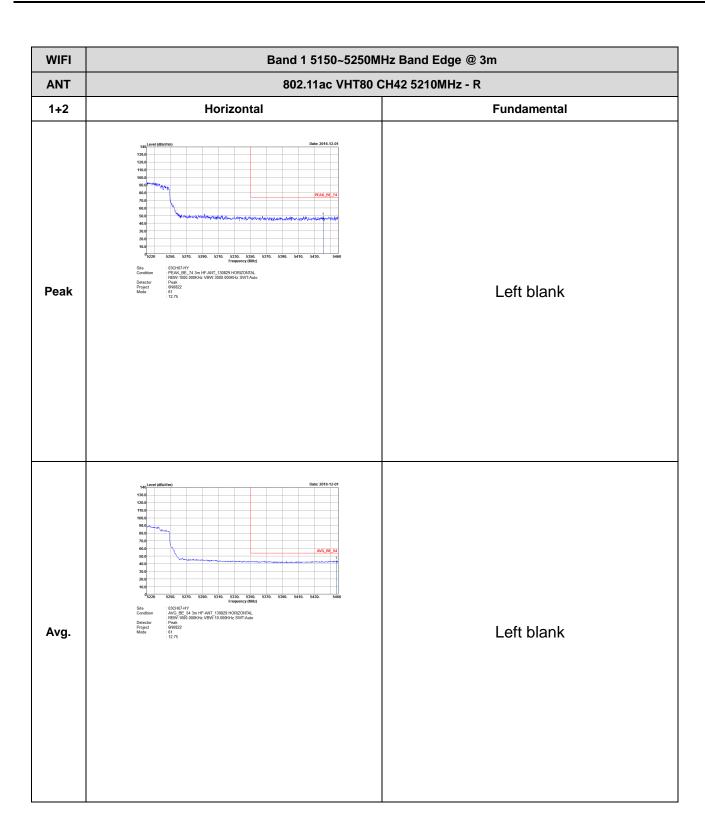


WIFI	Band 1 5150~5250MHz Band Edge @ 3m		
ANT 1+2	802.11n HT40 CH46 5230MHz - R		
	Vertical	Fundamental	
Peak	130.0 130.	Left blank	
Avg.	140 Level (ellbu/lim) 130.0 120.0 100.0 90.0	Left blank	

Band 1 5150~5250MHz WIFI 802.11ac VHT80 (Band Edge @ 3m)



TEL: 886-3-327-3456 FAX: 886-3-328-4978



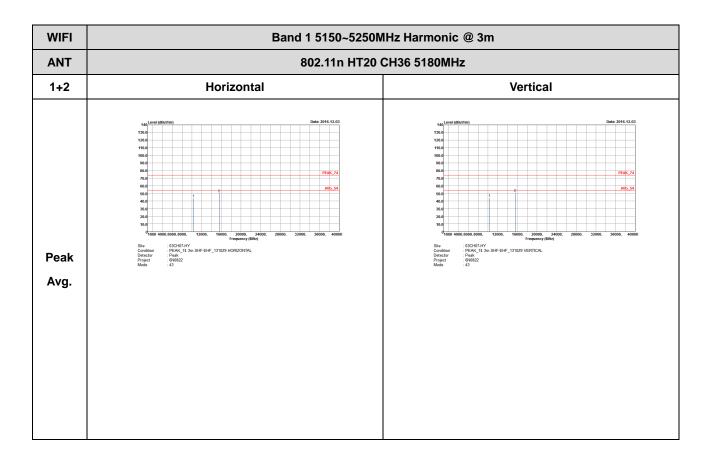
WIFI Band 1 5150~5250MHz Band Edge @ 3m $\,$ **ANT** 802.11ac VHT80 CH42 5210MHz - L 1+2 Vertical **Fundamental** Peak Left blank Avg.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

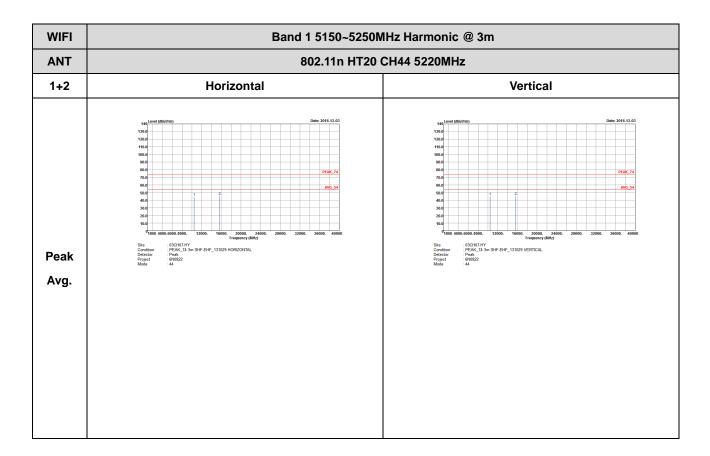
WIFI Band 1 5150~5250MHz Band Edge @ 3m $\,$ **ANT** 802.11ac VHT80 CH42 5210MHz - R 1+2 Vertical **Fundamental** Left blank Peak Left blank Avg.

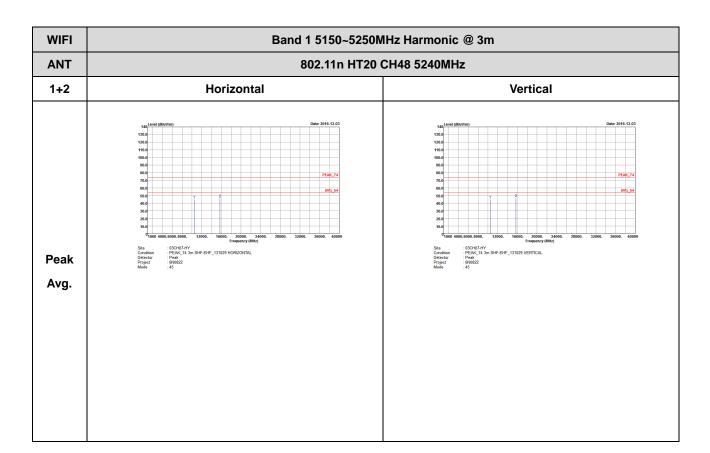
TEL: 886-3-327-3456 FAX: 886-3-328-4978

Band 1 - 5150~5250MHz WIFI 802.11n HT20 (Harmonic @ 3m)

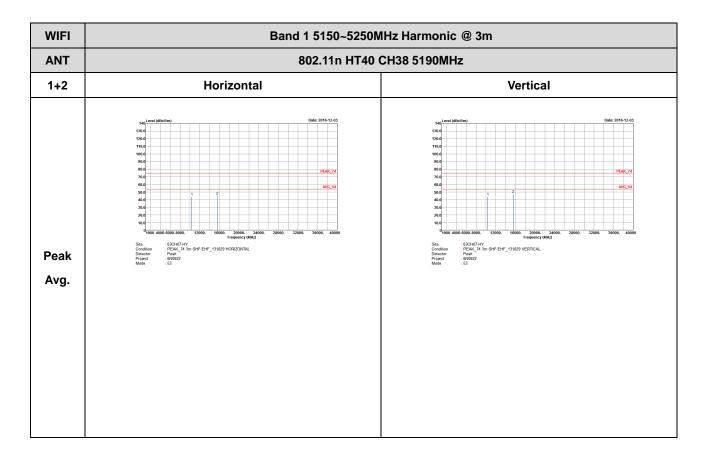


TEL: 886-3-327-3456 FAX: 886-3-328-4978

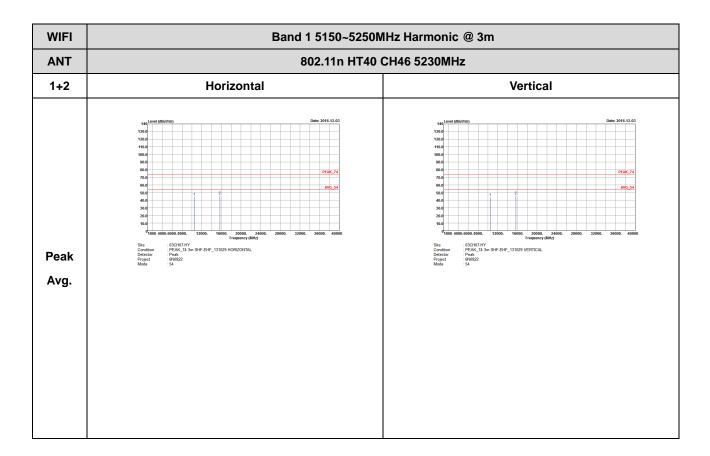




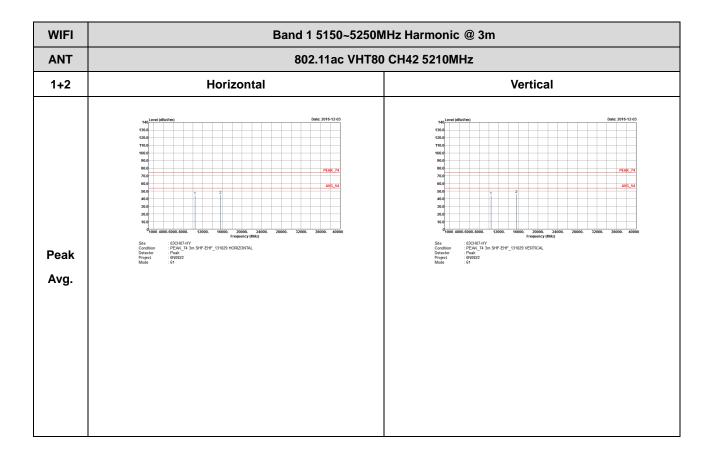
Band 1 5150~5250MHz WIFI 802.11n HT40 (Harmonic @ 3m)



TEL: 886-3-327-3456 FAX: 886-3-328-4978

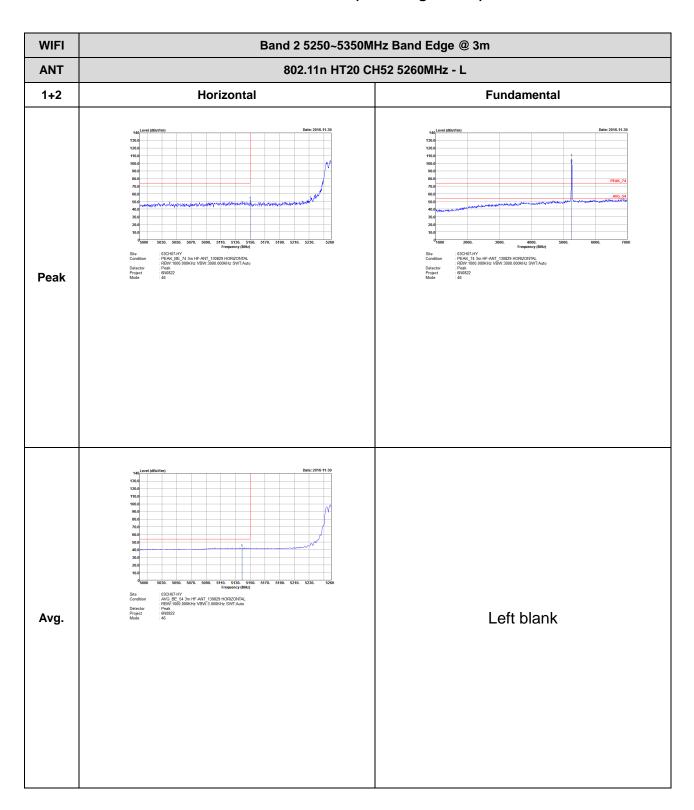


Band 1 5150~5250MHz WIFI 802.11ac VHT80 (Harmonic @ 3m)

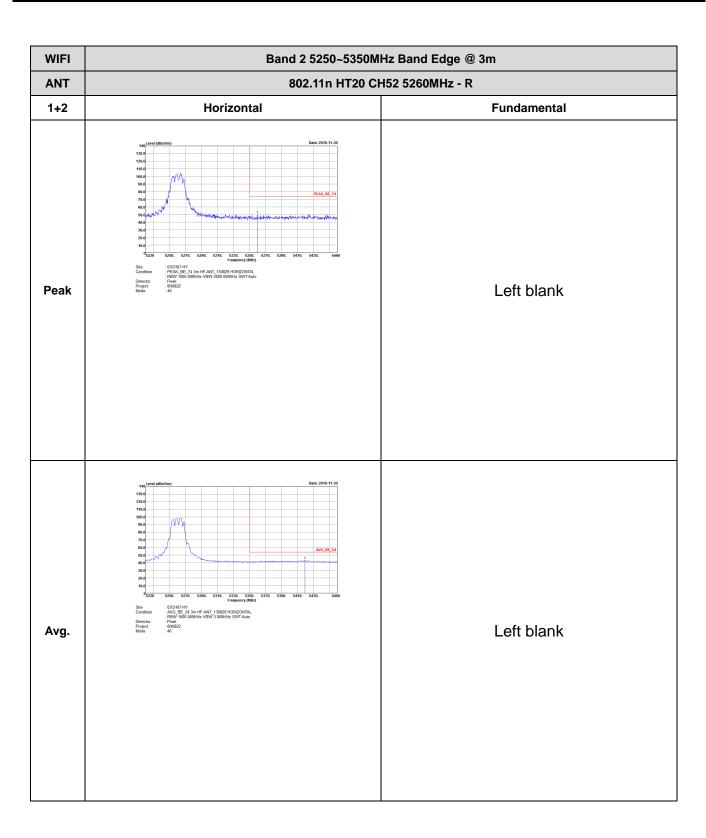


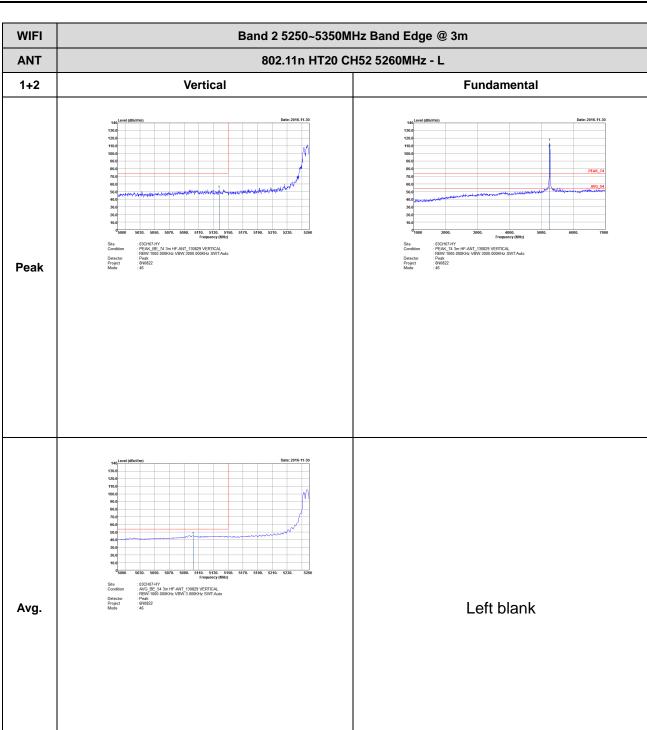
TEL: 886-3-327-3456 FAX: 886-3-328-4978

Band 2 - 5250~5350MHz WIFI 802.11n HT20 (Band Edge @ 3m)



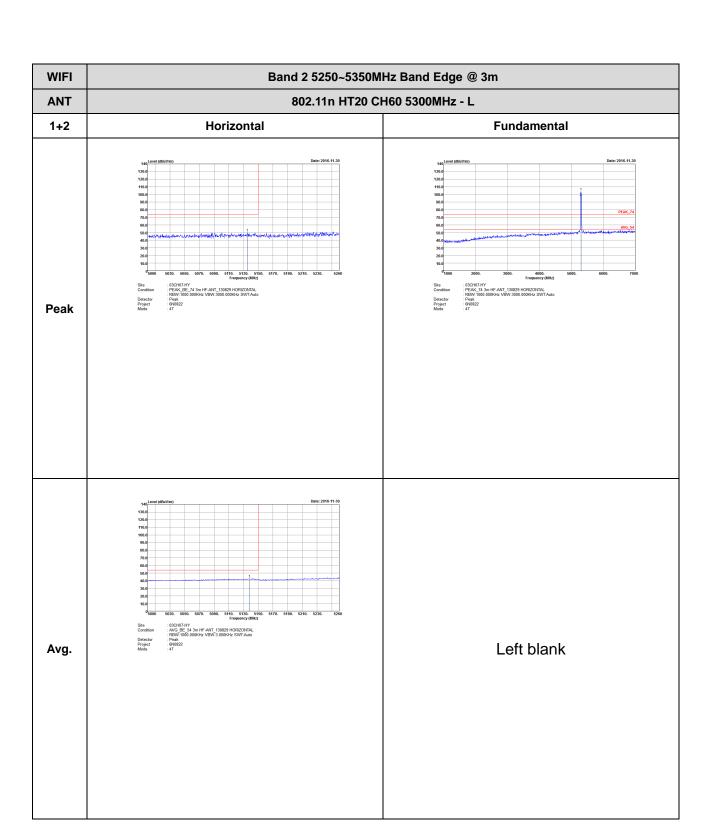
TEL: 886-3-327-3456 FAX: 886-3-328-4978

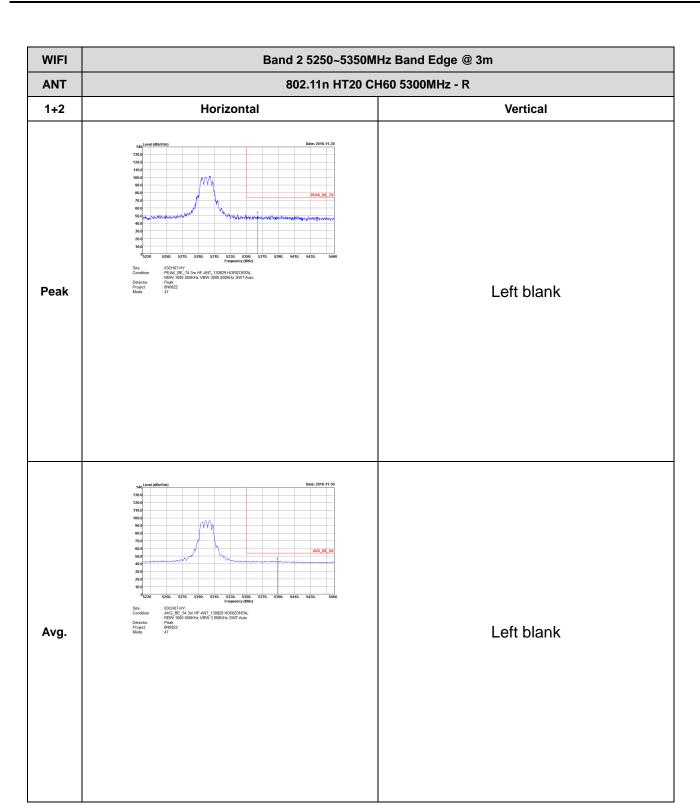




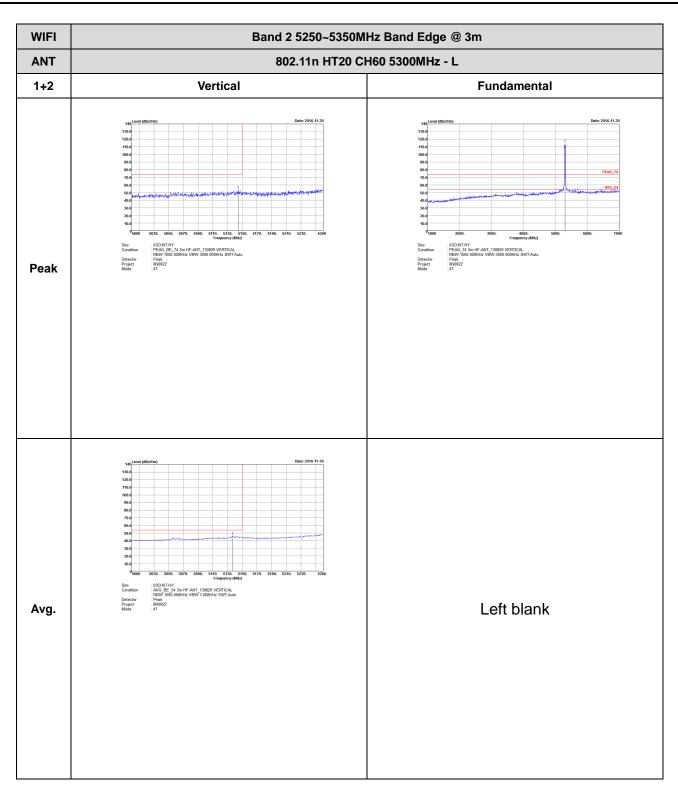
WIFI Band 2 5250~5350MHz Band Edge @ 3m $\,$ **ANT** 802.11n HT20 CH52 5260MHz - R Vertical 1+2 **Fundamental** Left blank Peak Left blank Avg.

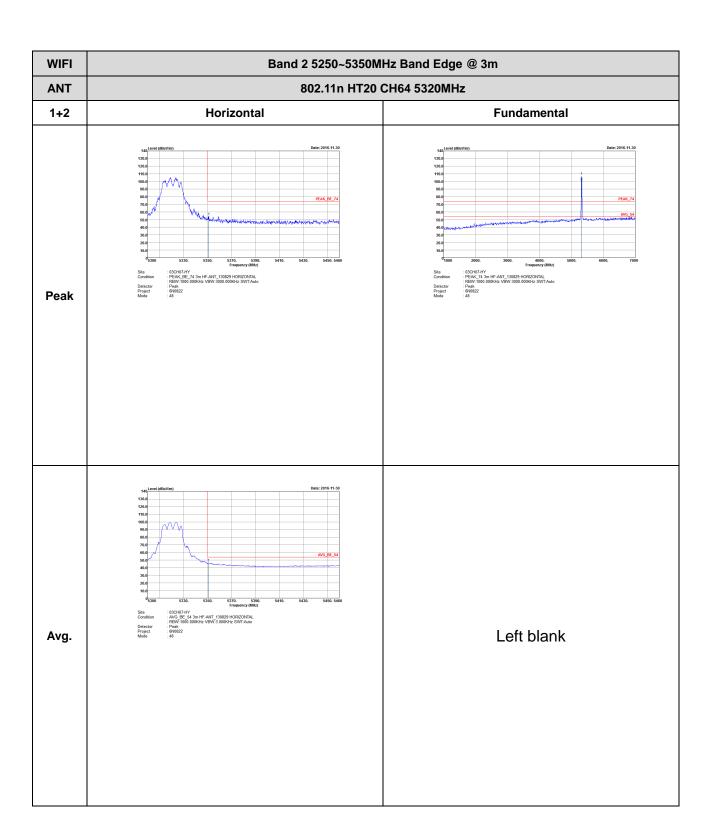
TEL: 886-3-327-3456 FAX: 886-3-328-4978

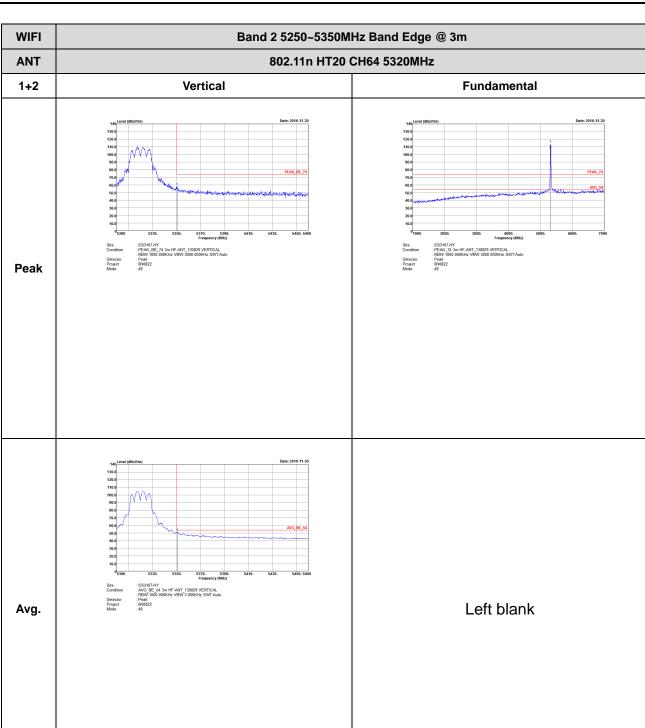




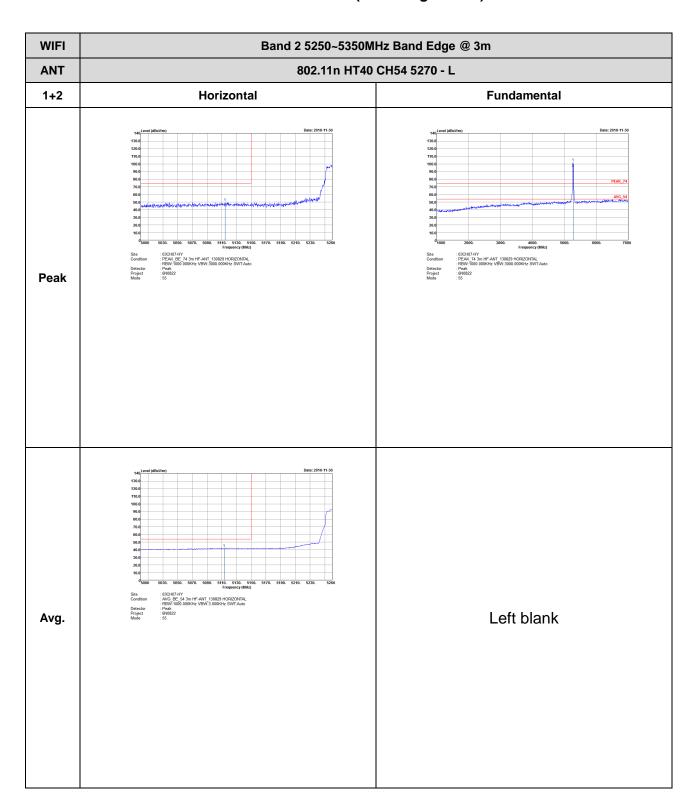








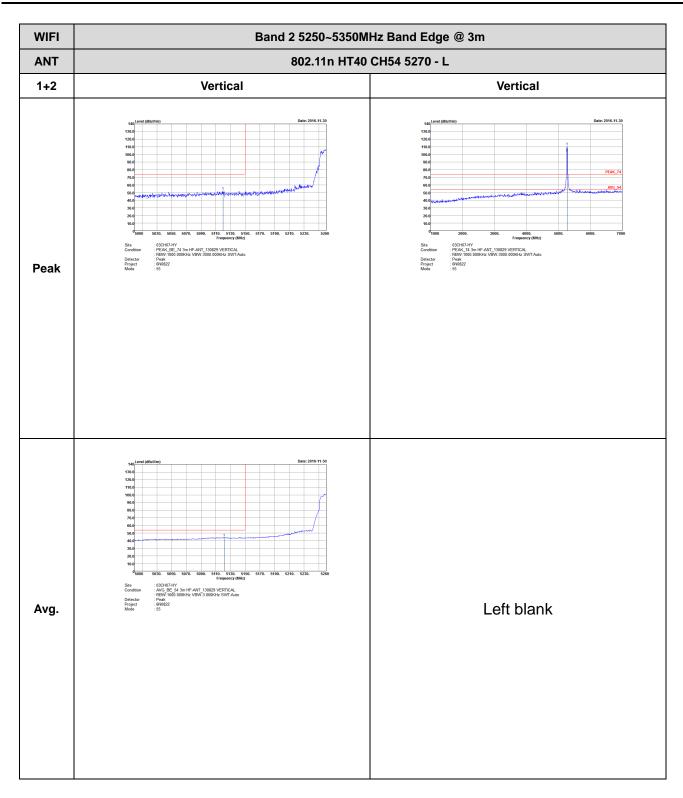
Band 2 5250~5350MHz WIFI 802.11n HT40 (Band Edge @ 3m)



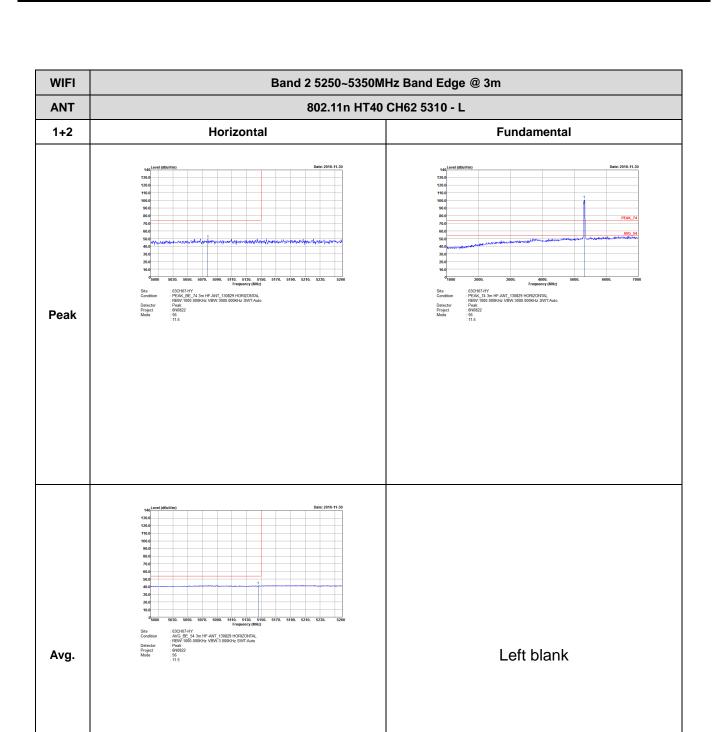
TEL: 886-3-327-3456 FAX: 886-3-328-4978

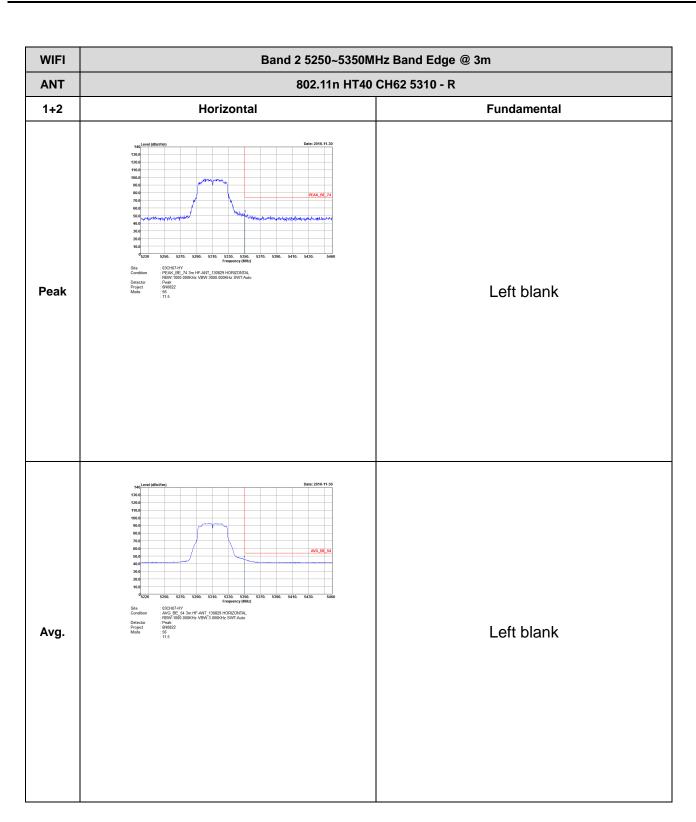
WIFI Band 2 5250~5350MHz Band Edge @ 3m ANT 802.11n HT40 CH54 5270 - R 1+2 Horizontal **Fundamental** Left blank Peak : 03CH07-HY : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto : Peak : 6N0822 : 55 Left blank Avg.

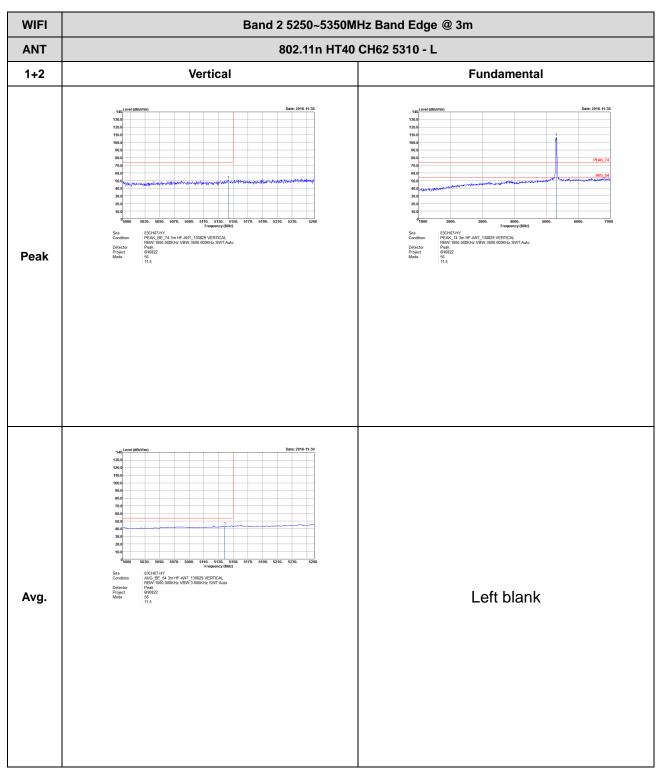
TEL: 886-3-327-3456 FAX: 886-3-328-4978

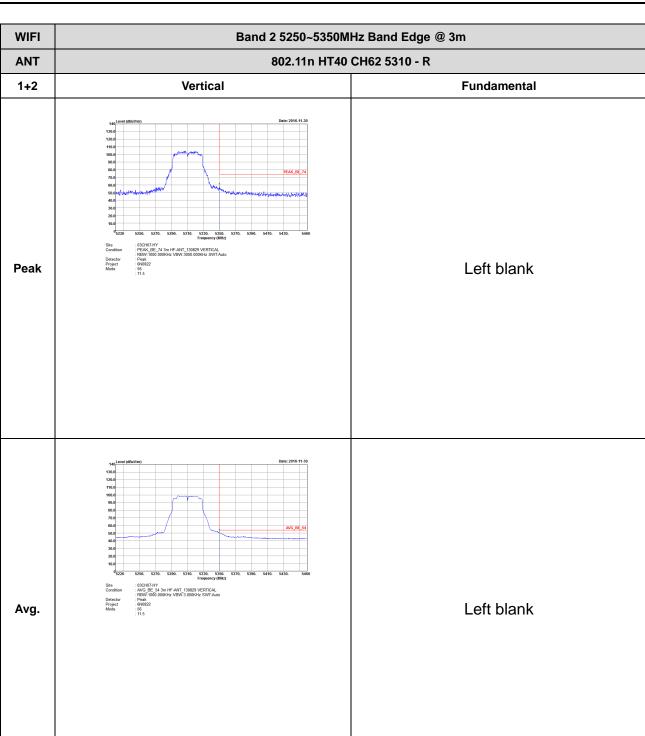


WIFI	Band 2 5250~5350MHz Band Edge @ 3m 802.11n HT40 CH54 5270 - R	
ANT		
1+2	Vertical	Vertical
Peak	149 Level (Ethol/m) 139,0 149,	Left blank
Avg.	146_Level (EBs/Vm) 130.0 110.0 110.0 100	Left blank

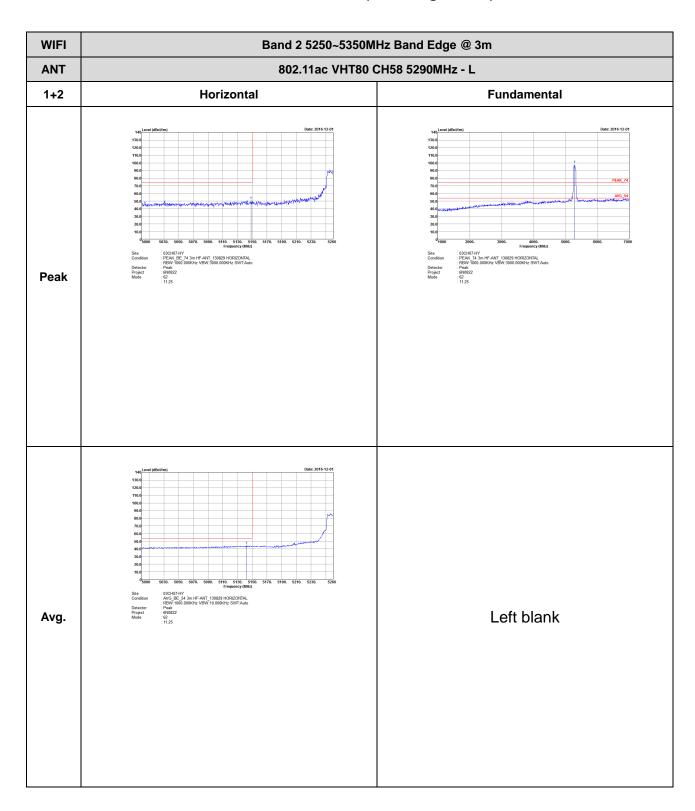








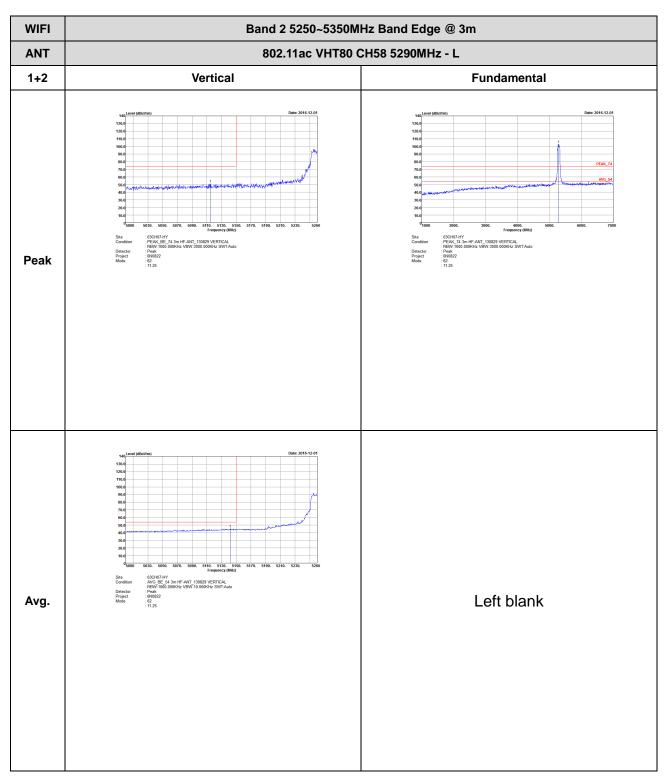
Band 2 5250~5350MHz WIFI 802.11ac VHT80 (Band Edge @ 3m)

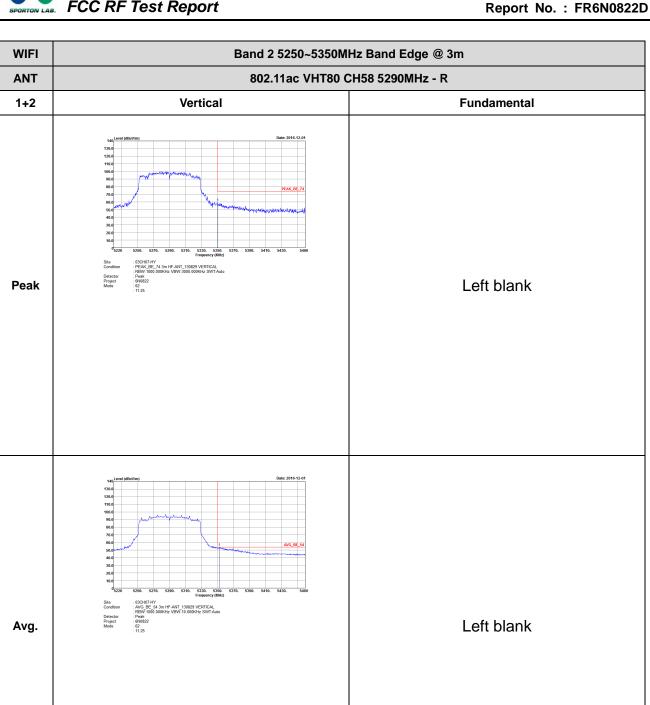


TEL: 886-3-327-3456 FAX: 886-3-328-4978

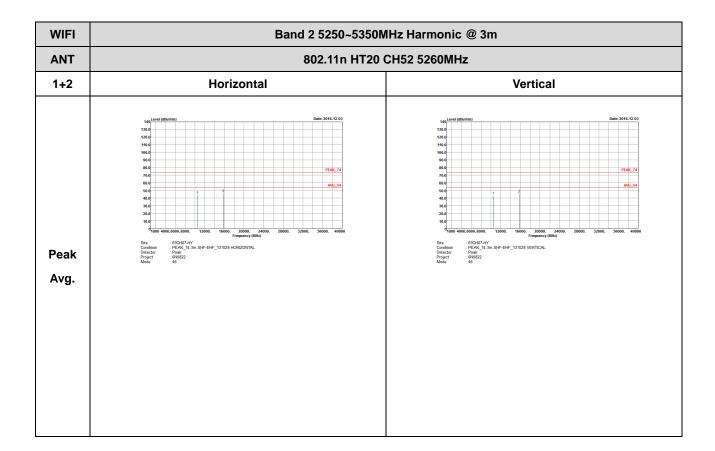
WIFI Band 2 5250~5350MHz Band Edge @ 3m **ANT** 802.11ac VHT80 CH58 5290MHz - R 1+2 Horizontal **Fundamental** Peak Left blank Left blank Avg.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

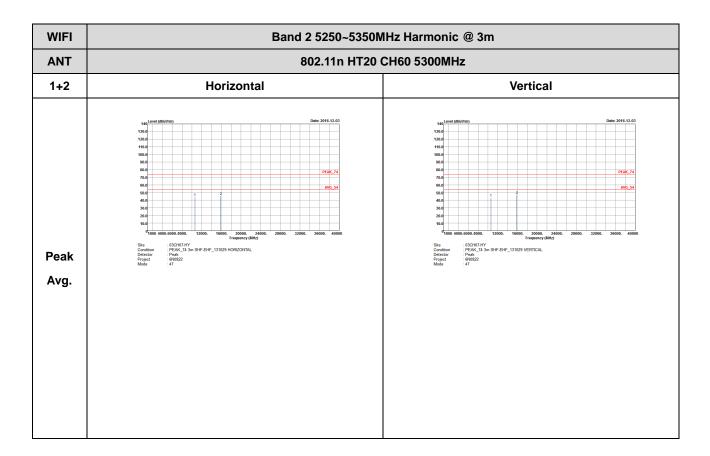


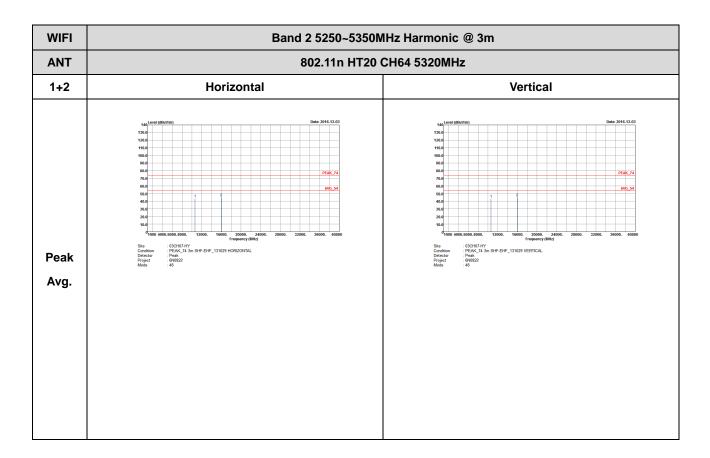


Band 2 - 5250~5350MHz WIFI 802.11n HT20 (Harmonic @ 3m)

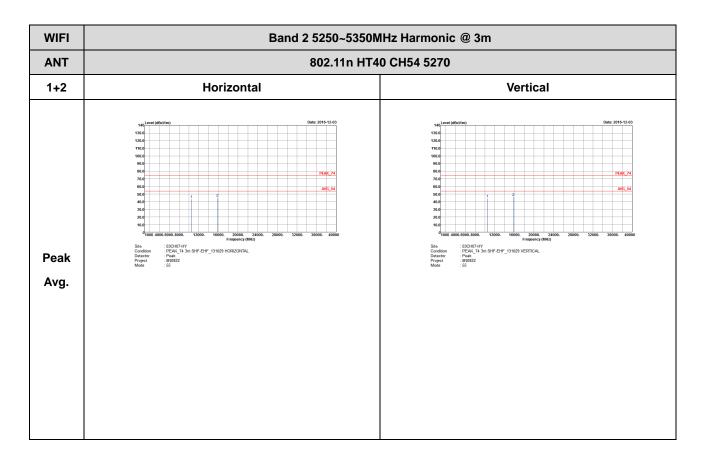


TEL: 886-3-327-3456 FAX: 886-3-328-4978

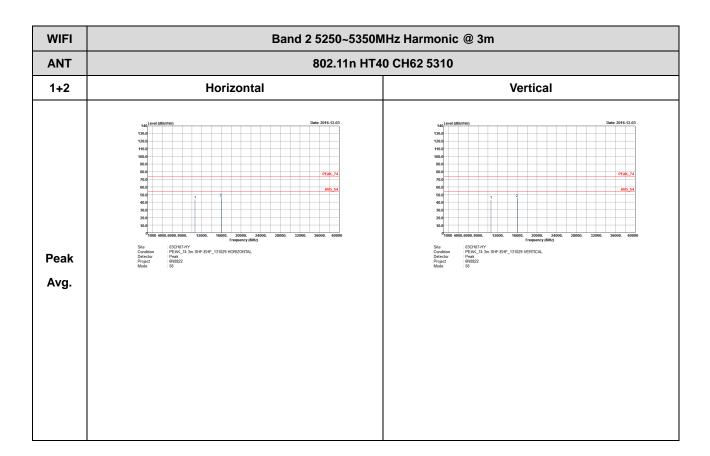




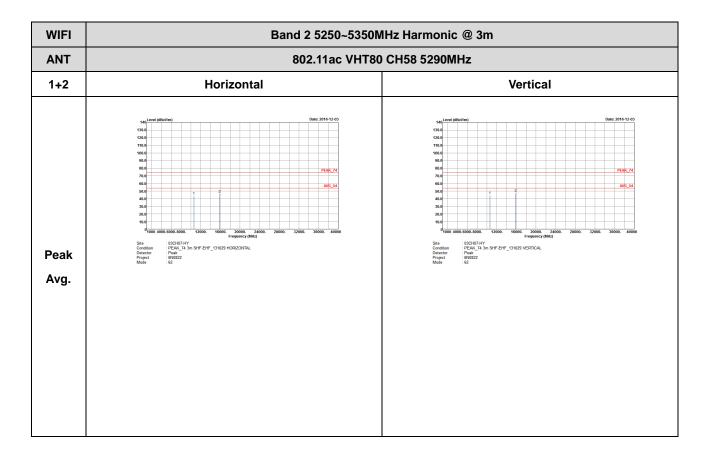
Band 2 5250~5350MHz WIFI 802.11n HT40 (Harmonic @ 3m)



TEL: 886-3-327-3456 FAX: 886-3-328-4978

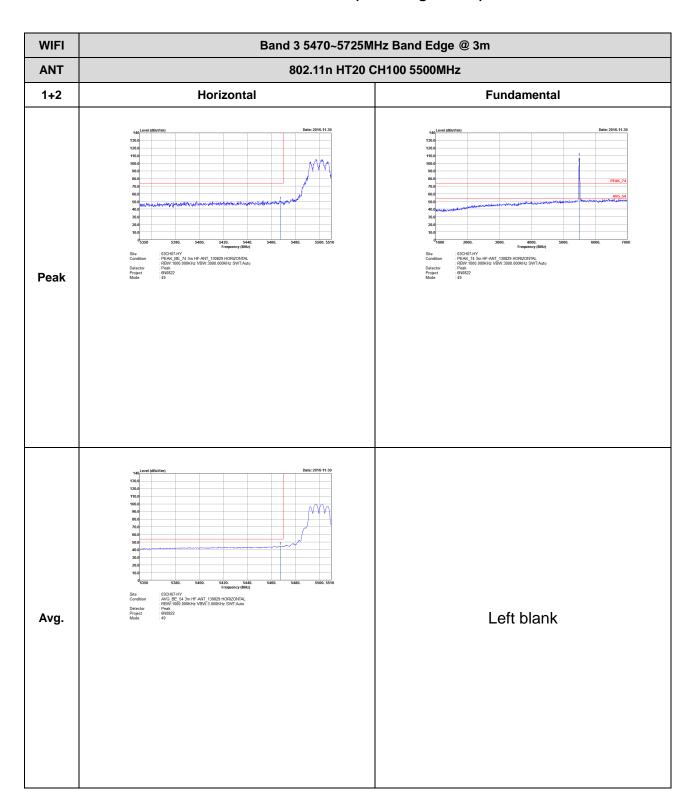


Band 2 5250~5350MHz WIFI 802.11ac VHT80 (Harmonic @ 3m)

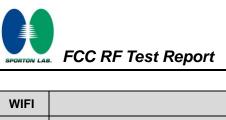


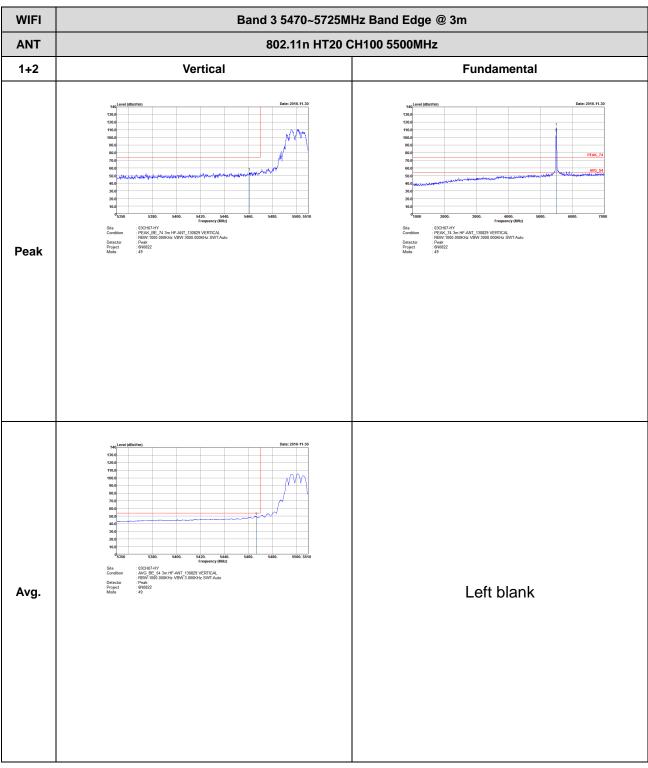
TEL: 886-3-327-3456 FAX: 886-3-328-4978

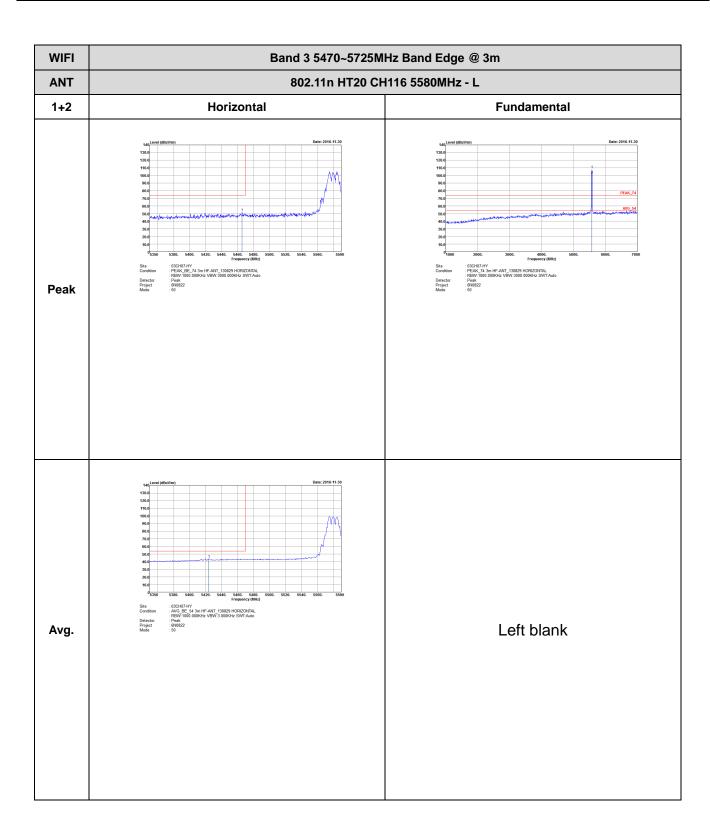
Band 3 - 5470~5725MHz WIFI 802.11n HT20 (Band Edge @ 3m)

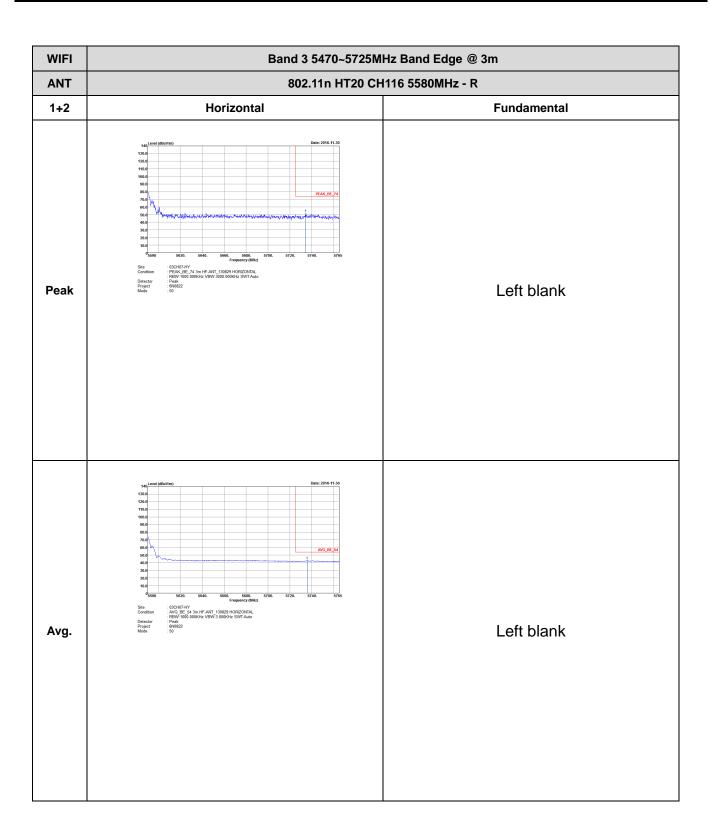


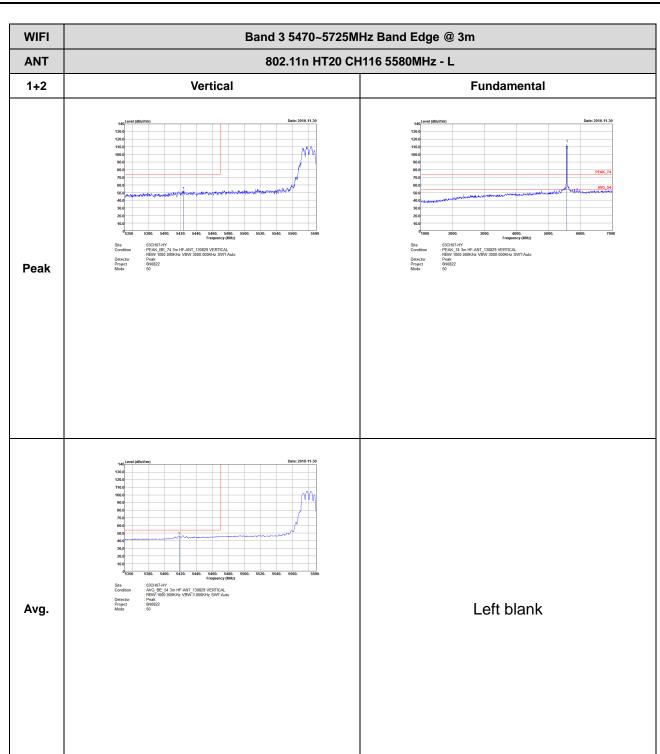
TEL: 886-3-327-3456 FAX: 886-3-328-4978

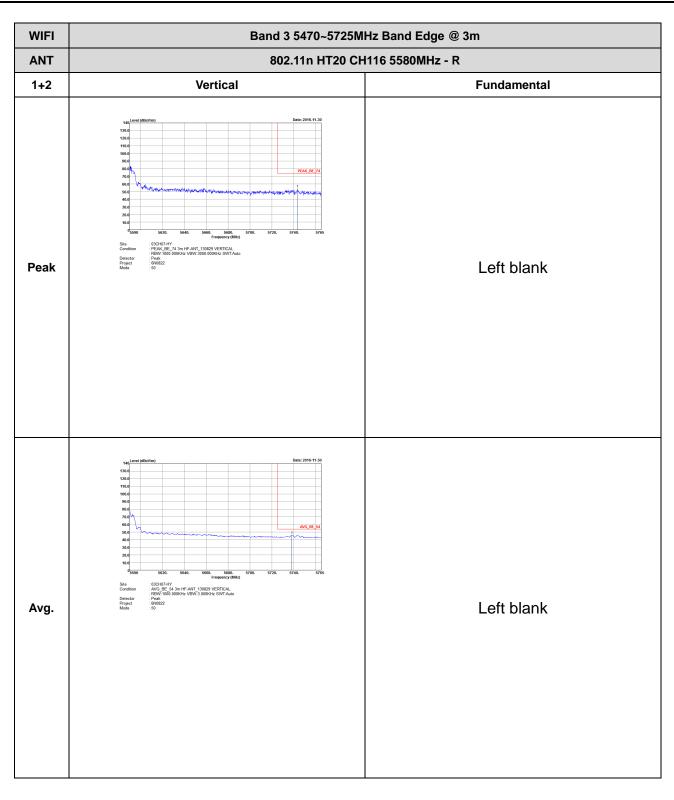


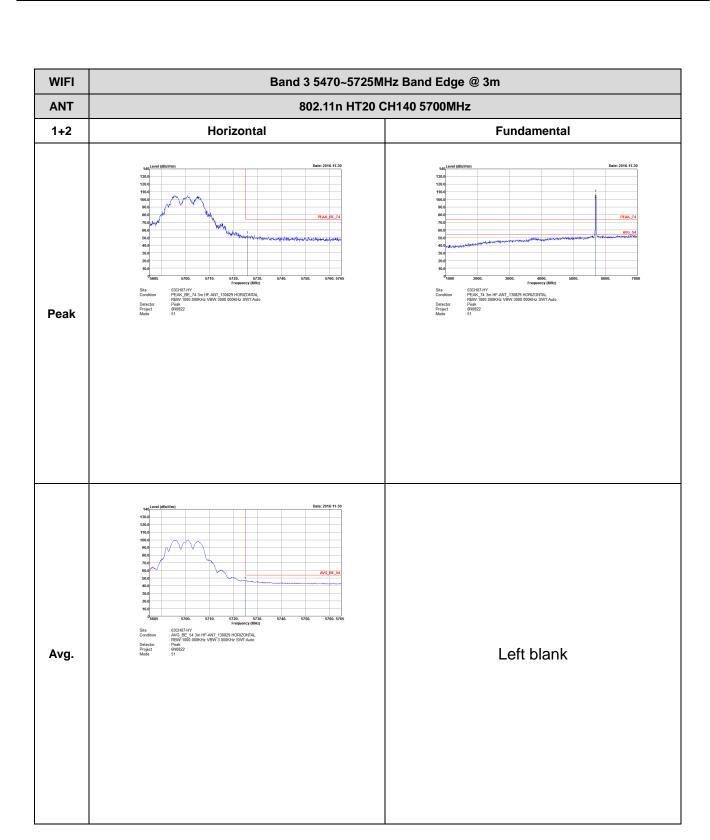


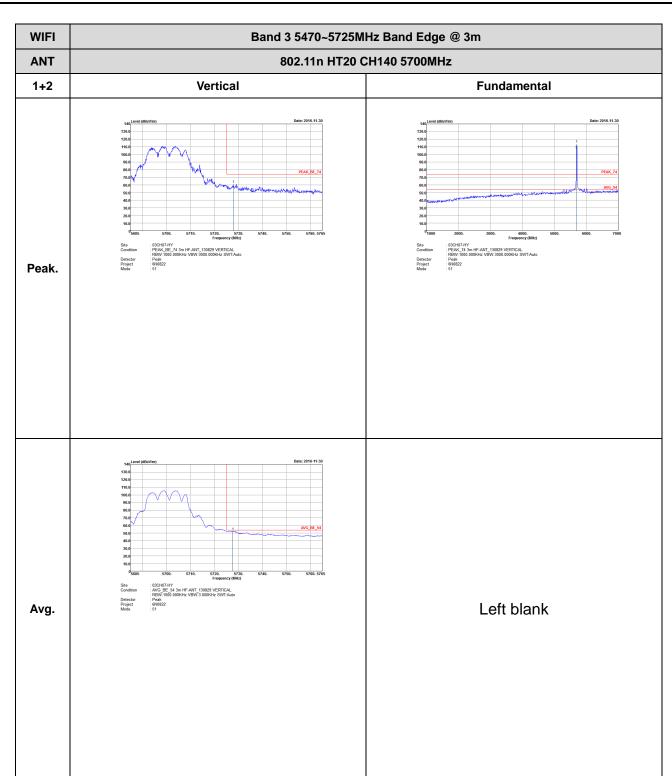




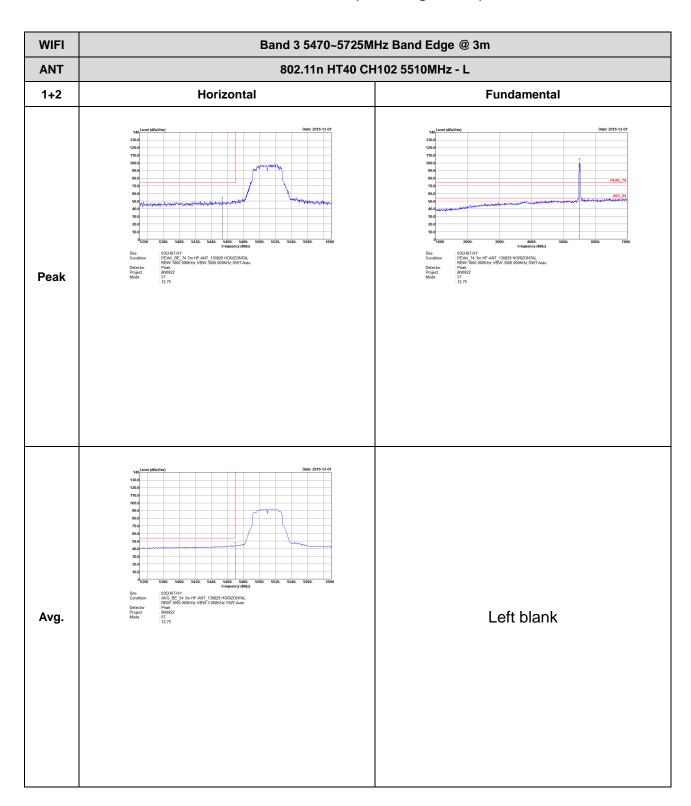




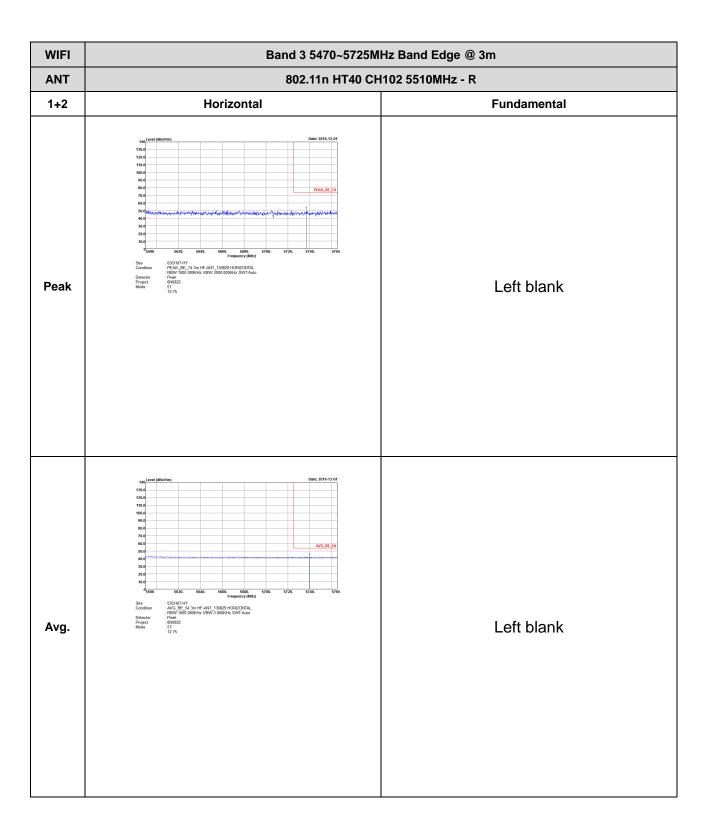


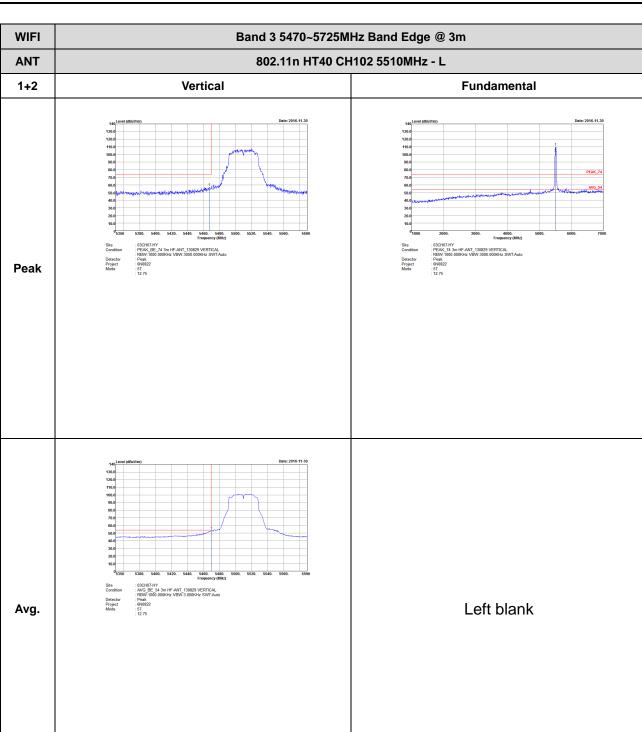


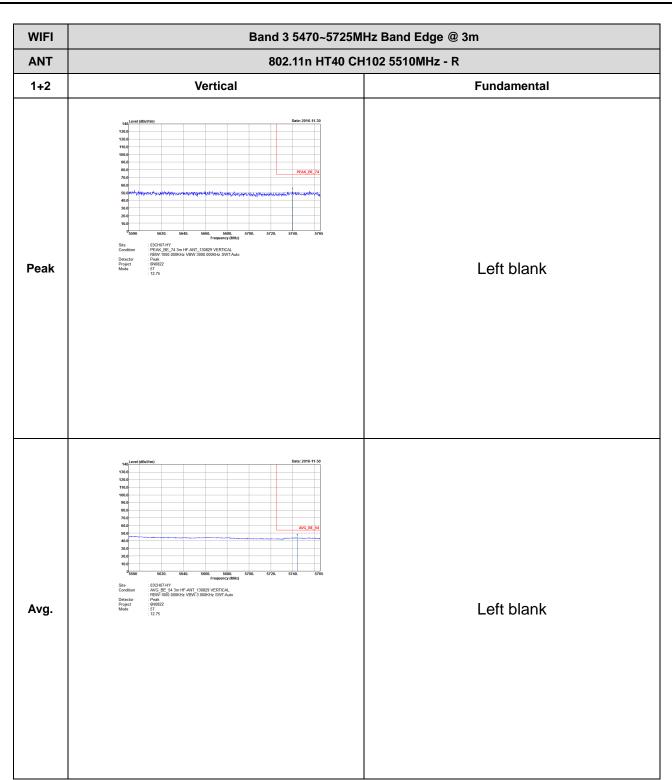
Band 3 5470~5725MHz WIFI 802.11n HT40 (Band Edge @ 3m)

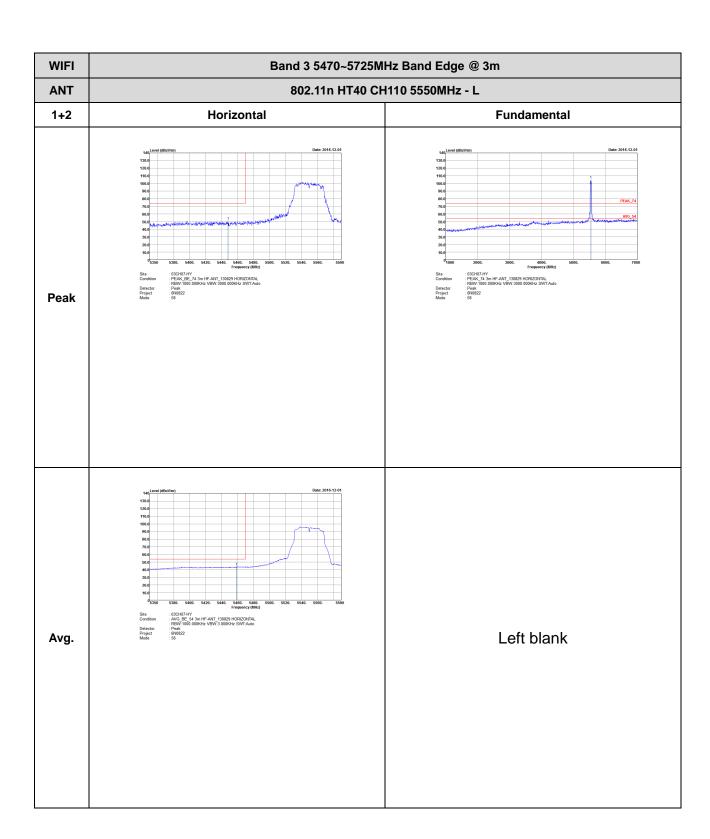


TEL: 886-3-327-3456 FAX: 886-3-328-4978

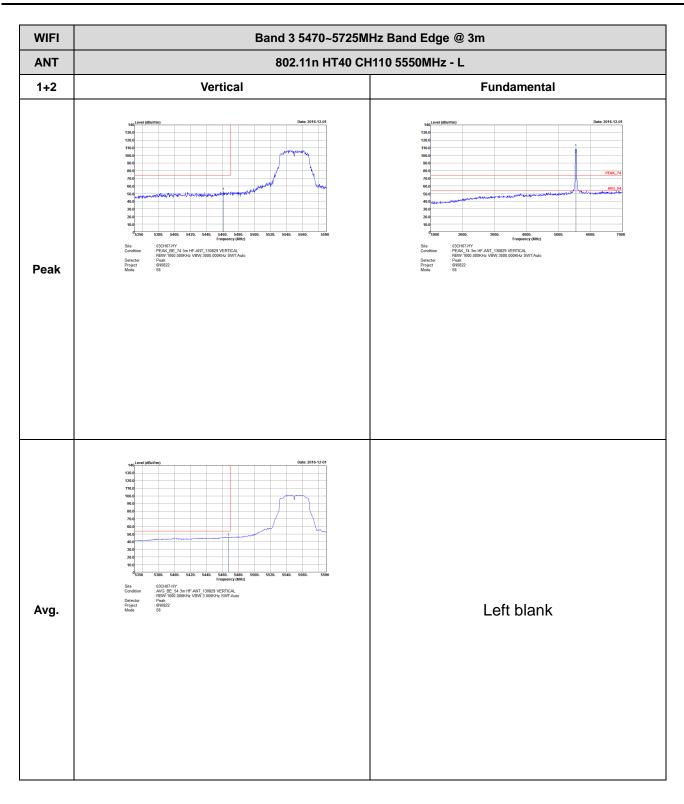




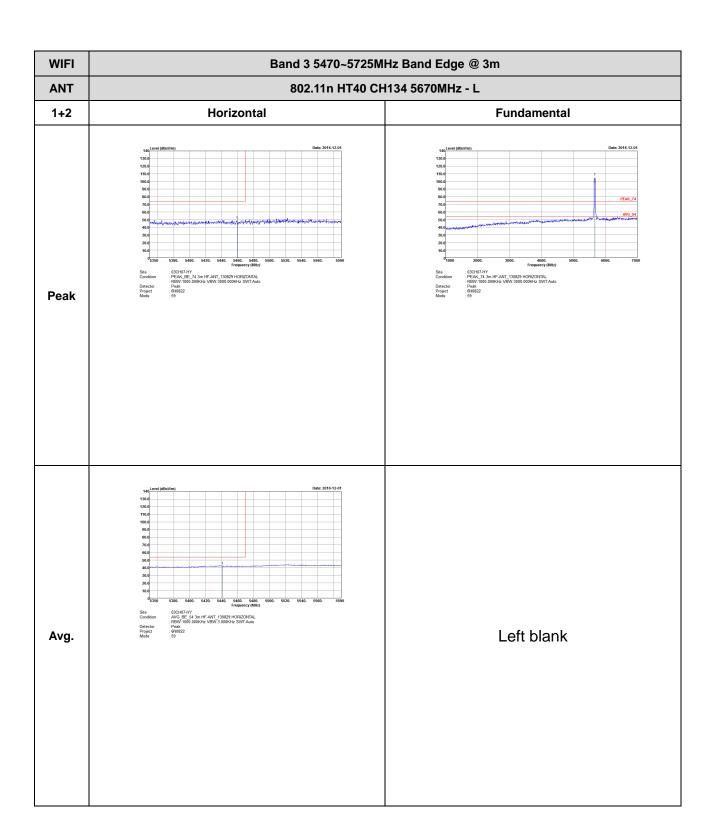


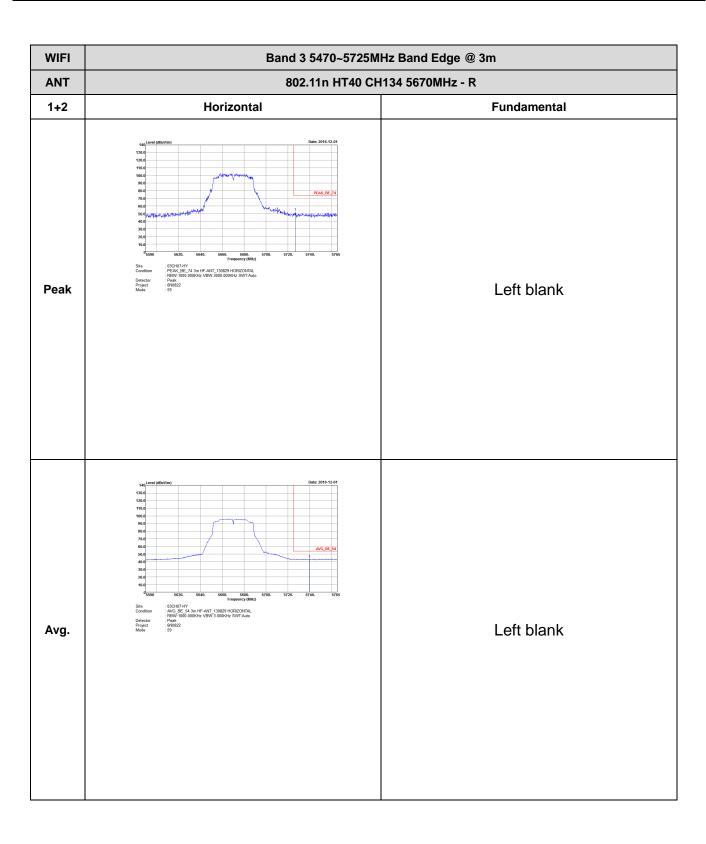


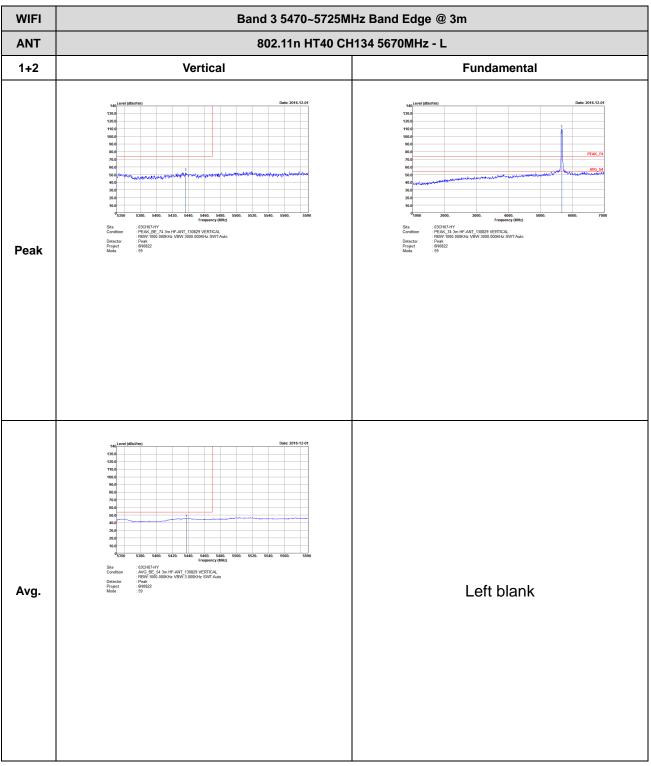
WIFI	Band 3 5470~5725MHz Band Edge @ 3m		
ANT	802.11n HT40 CH110 5550MHz - R		
1+2	Horizontal	Fundamental	
Peak	140, Evert (effectives) 130.0 120.0 110.0 160.0	Left blank	
Avg.	144 Level (elber/m) 120.0 120.0 100.0 90.0 90.0 90.0 90.0 90.0 100.0 90.0 100.0 90.0	Left blank	



WIFI	Band 3 5470~5725MHz Band Edge @ 3m		
ANT	802.11n HT40 CH110 5550MHz - R		
1+2	Vertical	Fundamental	
Peak	100 100	Left blank	
Avg.	146 Level (otlav/m) 138.6 110.6 110.6 100.0 90.0	Left blank	



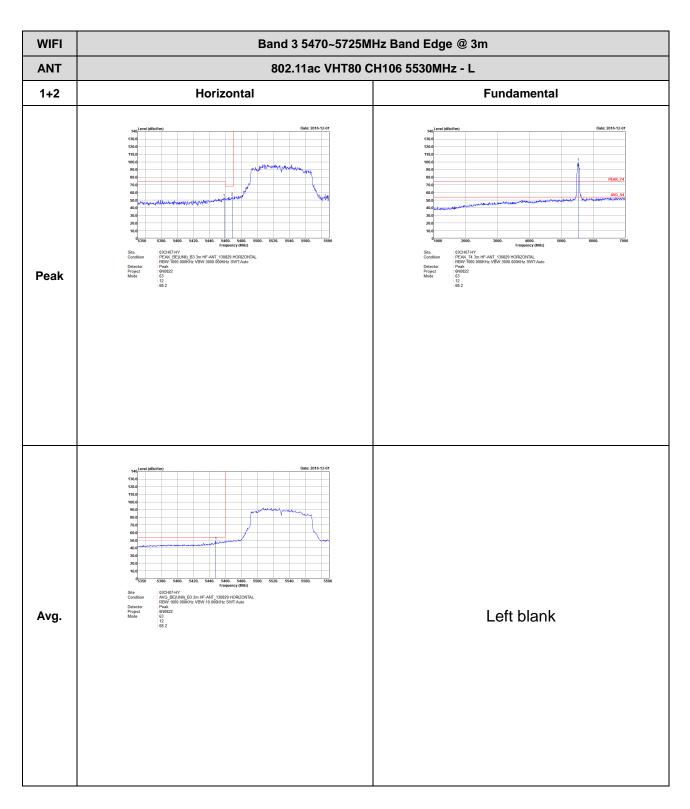




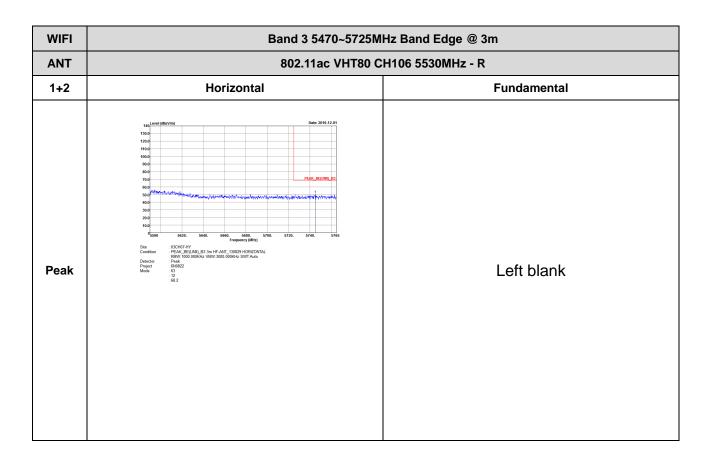
WIFI Band 3 5470~5725MHz Band Edge @ 3m $\,$ **ANT** 802.11n HT40 CH134 5670MHz - R Vertical 1+2 **Fundamental** : 03CH07-HY PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT-Au Paak 6N0822 Left blank Peak Left blank Avg.

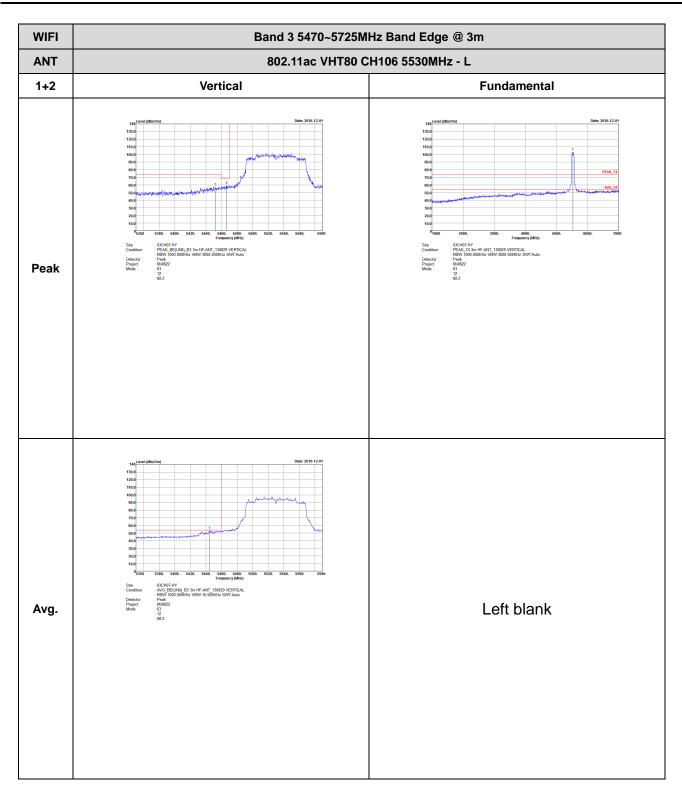
TEL: 886-3-327-3456 FAX: 886-3-328-4978

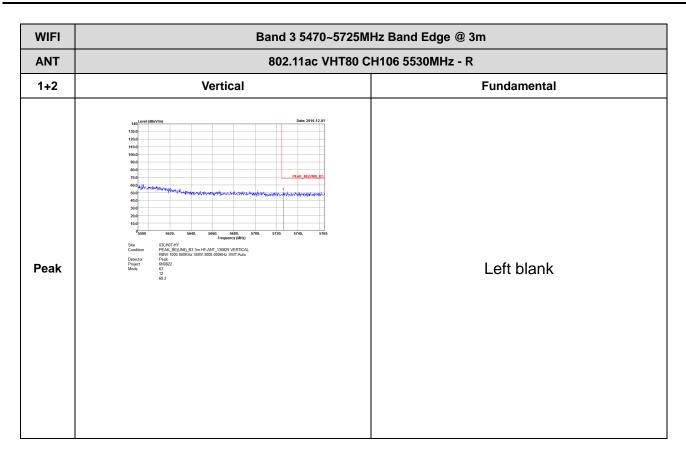
Band 3 5470~5725MHz WIFI 802.11ac VHT80 (Band Edge @ 3m)



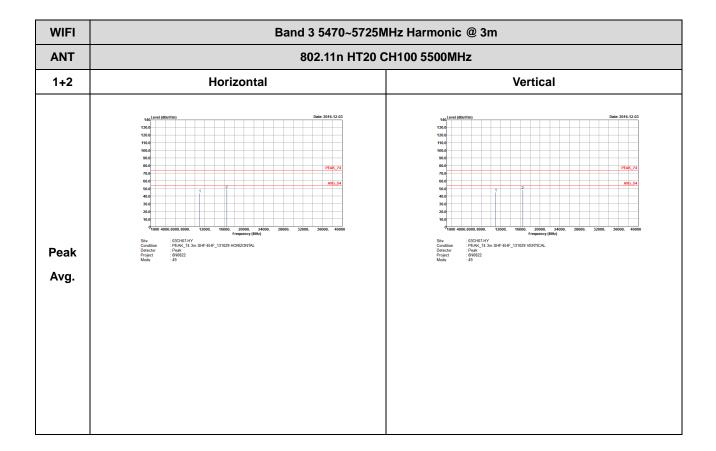
TEL: 886-3-327-3456 FAX: 886-3-328-4978



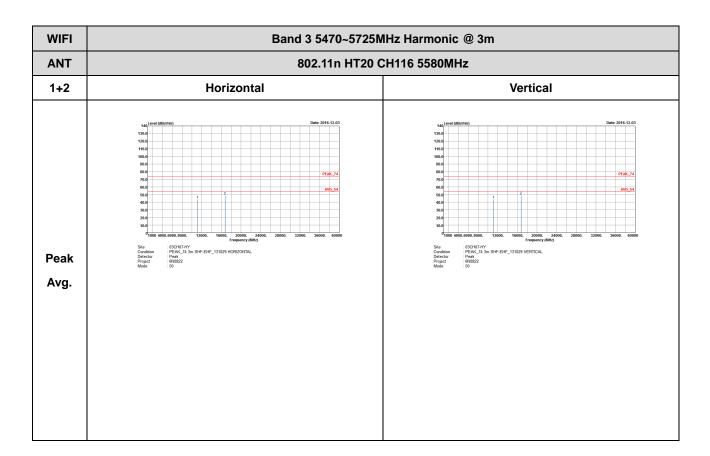


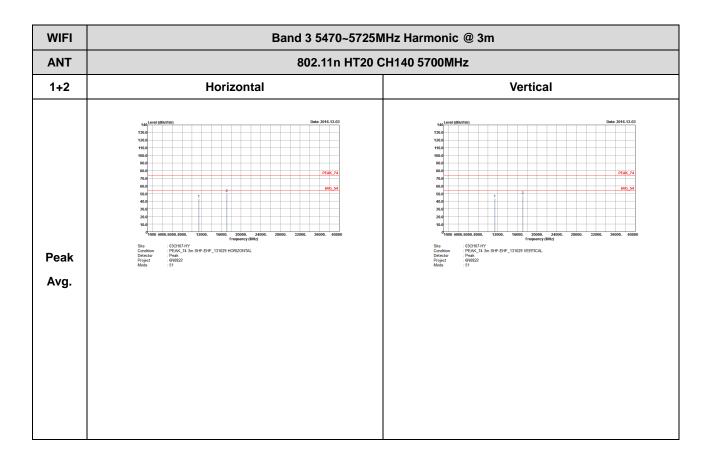


Band 3 - 5470~5725MHz WIFI 802.11n HT20 (Harmonic @ 3m)



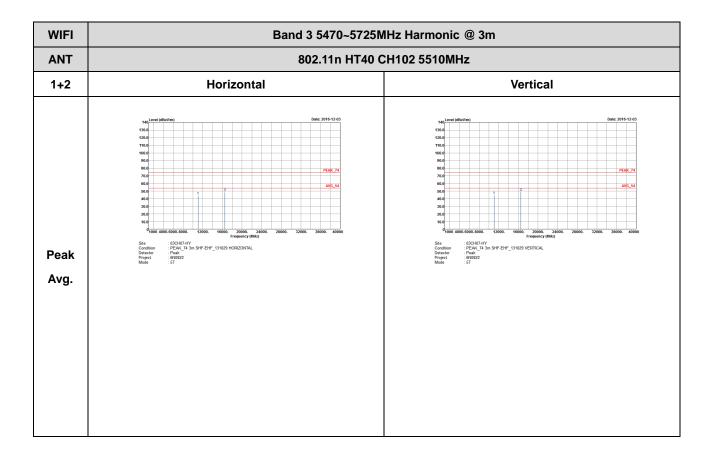
TEL: 886-3-327-3456 FAX: 886-3-328-4978



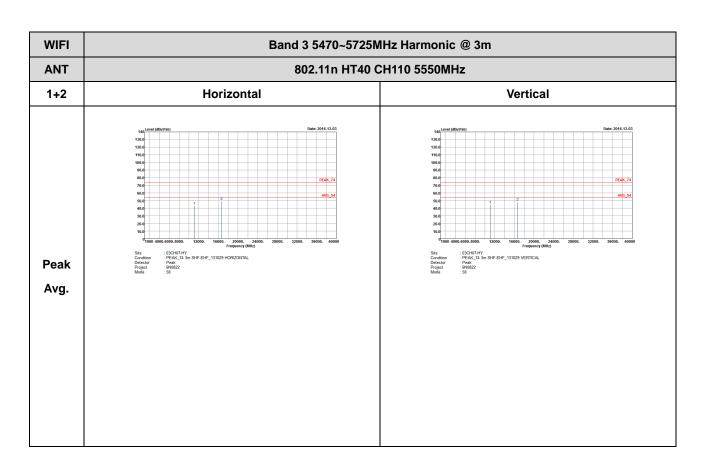


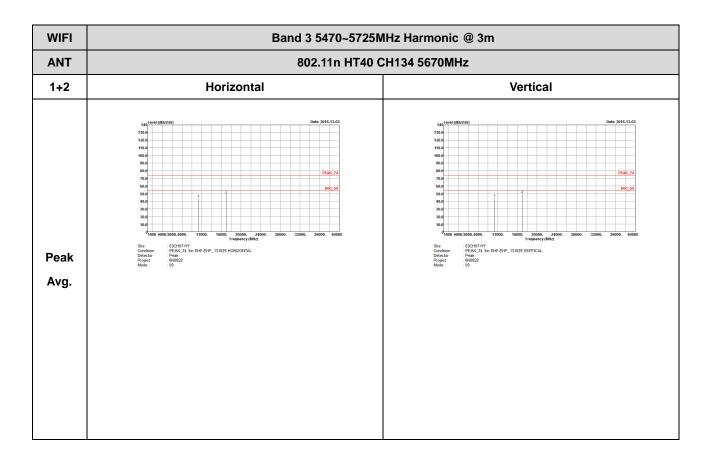
Band 3 5470~5725MHz WIFI 802.11n HT40 (Harmonic @ 3m)

Report No.: FR6N0822D

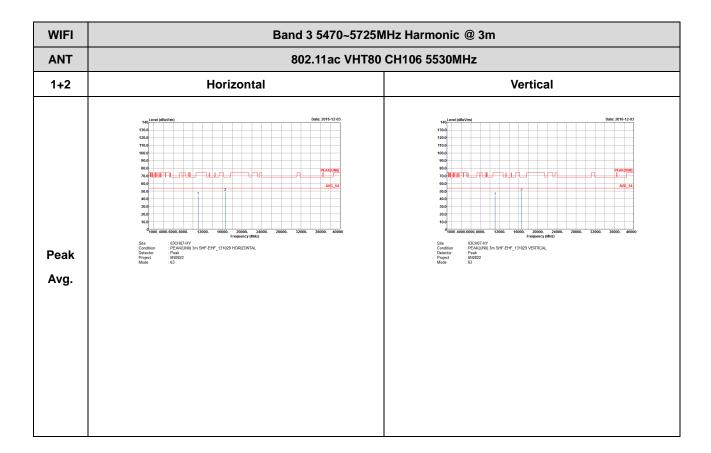


TEL: 886-3-327-3456 FAX: 886-3-328-4978



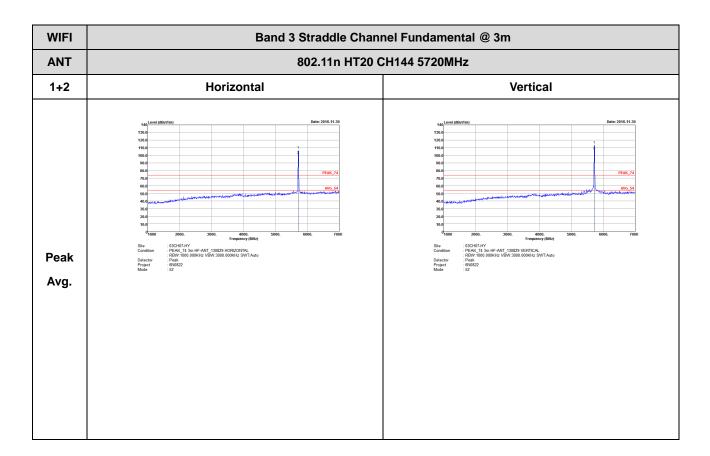


Band 3 5470~5725MHz WIFI 802.11ac VHT80 (Harmonic @ 3m)



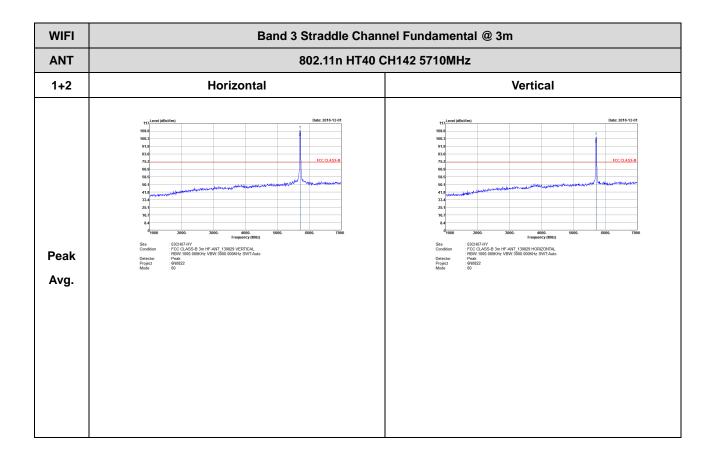
TEL: 886-3-327-3456 FAX: 886-3-328-4978

Band 3 - Straddle Channel WIFI 802.11n HT20 (Fundamental @ 3m)



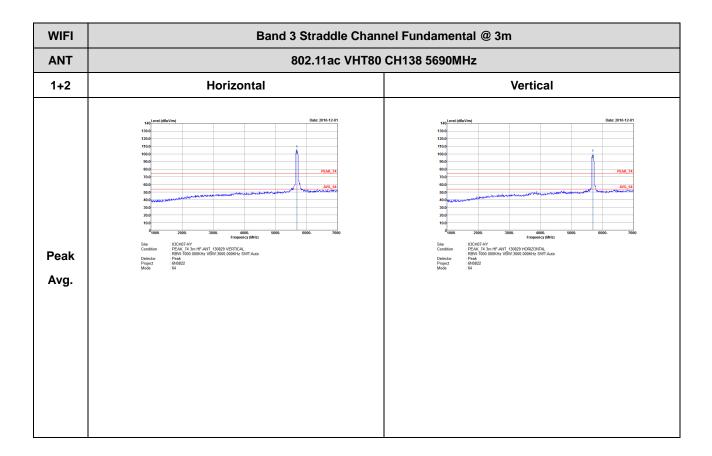
TEL: 886-3-327-3456 FAX: 886-3-328-4978

Band 3 – Straddle Channel WIFI 802.11n HT40 (Fundamental @ 3m)



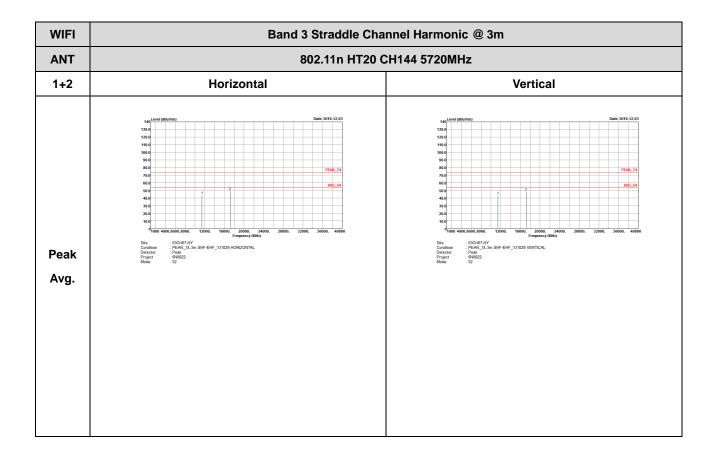
TEL: 886-3-327-3456 FAX: 886-3-328-4978

Band 3 – Straddle Channel WIFI 802.11ac VHT80 (Fundamental @ 3m)



TEL: 886-3-327-3456 FAX: 886-3-328-4978

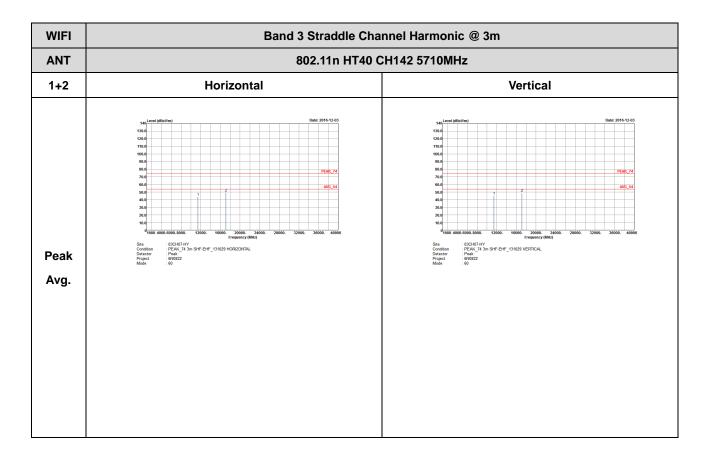
Band 3 - Straddle Channel WIFI 802.11n HT20 (Harmonic @ 3m)



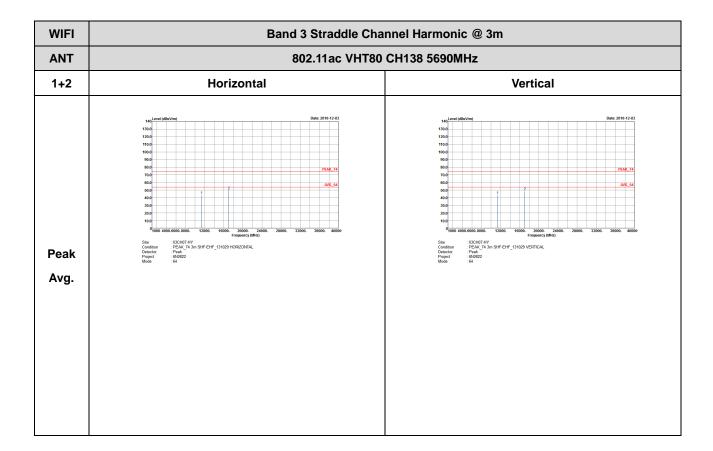
TEL: 886-3-327-3456 FAX: 886-3-328-4978

Band 3 – Straddle Channel WIFI 802.11n HT40 (Harmonic @ 3m)

Report No.: FR6N0822D

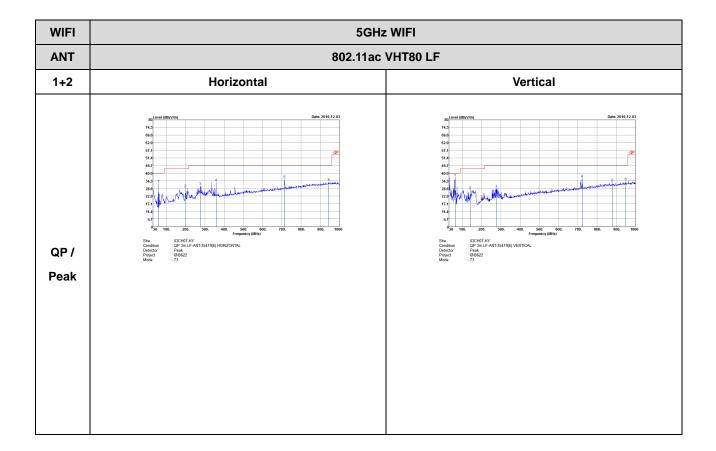


Band 3 – Straddle Channel WIFI 802.11ac VHT80 (Harmonic @ 3m)



TEL: 886-3-327-3456 FAX: 886-3-328-4978

Emission below 1GHz 5GHz WIFI 802.11ac VHT80 (LF)



TEL: 886-3-327-3456 FAX: 886-3-328-4978



Appendix C. Duty Cycle Plots

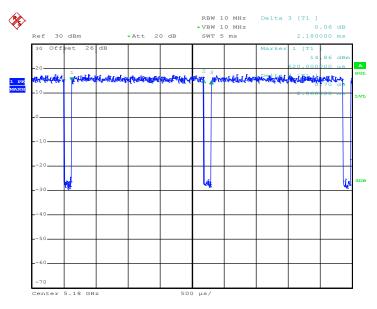
Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
1	802.11a	94.5	2060	0.485436893	1kHz
2	802.11a	94.5	2060	0.485436893	1kHz
1	5GHz 802.11n HT20	95.03	1910	0.523560209	1kHz
2	5GHz 802.11n HT20	95.52	1920	0.520833333	1kHz
1+2	5GHz 802.11n HT20 for Ant 1	95.1	970	1.030927835	3kHz
1+2	5GHz 802.11n HT20 for Ant 2	96.08	980	1.020408163	3kHz
1	5GHz 802.11n HT40	96.91	940	1.063829787	3kHz
2	5GHz 802.11n HT40	96.91	940	1.063829787	3kHz
1+2	5GHz 802.11n HT40 for Ant 1	92.45	490	2.040816327	3kHz
1+2	5GHz 802.11n HT40 for Ant 2	92.45	490	2.040816327	3kHz
1	5GHz 802.11n VHT80	93.88	460	2.173913043	3kHz
2	5GHz 802.11n VHT80	93.88	460	2.173913043	3kHz
1+2	5GHz 802.11n VHT80 for Ant 1	86.21	250	4	10kHz
1+2	5GHz 802.11n VHT80 for Ant 2	86.21	250	4	10kHz

TEL: 886-3-327-3456 FAX: 886-3-328-4978



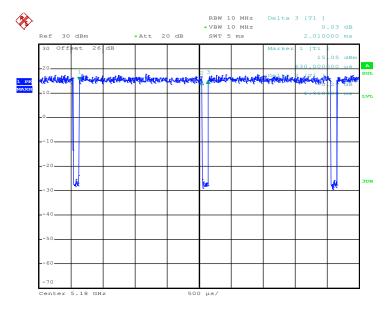
<Ant. 1>





Date: 12.NOV.2016 11:20:28

802.11n HT20



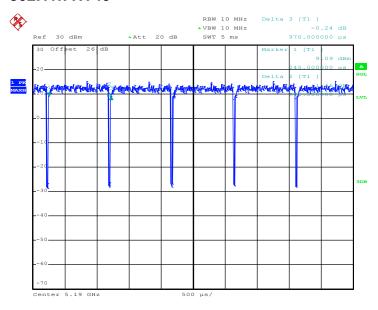
Date: 12.NOV.2016 11:21:12

Page Number

: C2 of C9

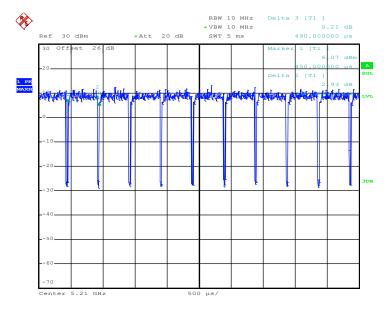


802.11n HT40



Date: 12.NOV.2016 11:28:00

802.11ac VHT80

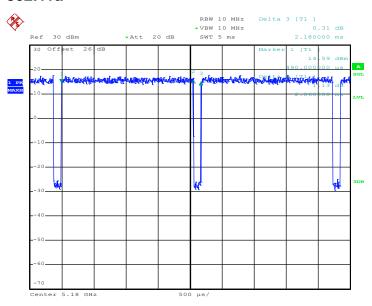


Date: 12.NOV.2016 14:20:55



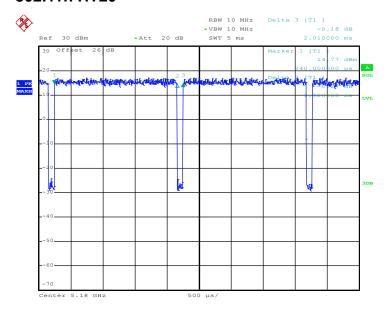
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802.11a



Date: 12.NOV.2016 11:19:06

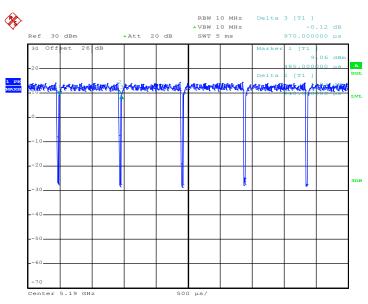
802.11n HT20



Date: 12.NOV.2016 11:21:47

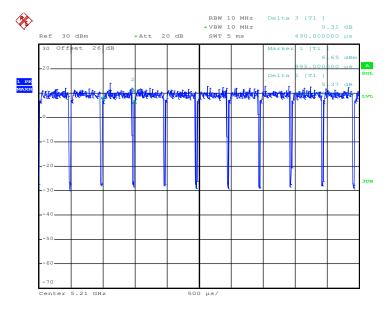


802.11n HT40



Date: 12.NOV.2016 11:27:23

802.11ac VHT80

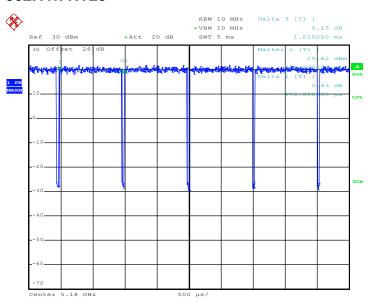


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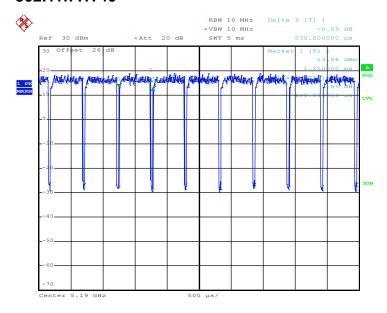
MIMO <Ant. 1+2(1)>

802.11n HT20



Date: 12.NOV.2016 12:36:05

802.11n HT40

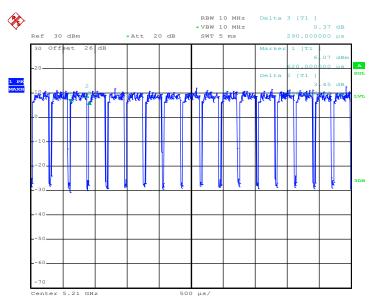


Date: 12.NOV.2016 13:40:41





802.11ac VHT80

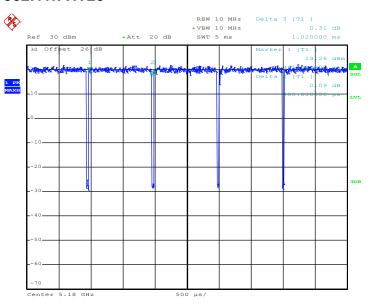


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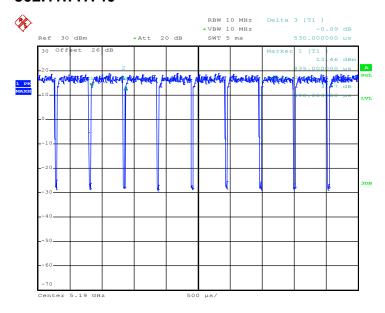
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802.11n HT20



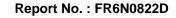
Date: 12.NOV.2016 12:36:37

802.11n HT40

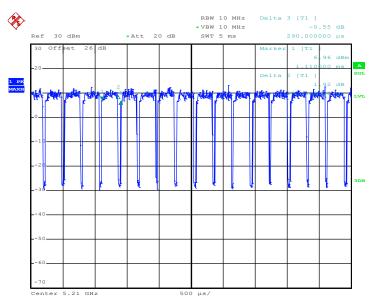


Date: 12.NOV.2016 13:40:13





802.11ac VHT80



Date: 12.NOV.2016 14:23:22



Appendix E. Antenna Information

Antenna Information							
	Manufacturer	Amphenol					
	Antenna Type	Main: PIFA Antenna	Aux.: PIFA Antenna				
	Part number	LX7847-16-000-C	LX7848-16-000-C				
Antenna 1	Peak gain	Main Antenna :	Aux. Antenna :				
		WLAN(2.4GHz): -6.76	WLAN(2.4GHz): -6.52				
			Bluetooth : -6.52				
		WLAN(5GHz): -1.84	WLAN(5GHz): 0.14				
	Manufacturer	Speedwire					
	Antenna Type	Main: PIFA Antenna	Aux.: PIFA Antenna				
	Part number	F.0G.ZV-0006-003-00	F.0G.ZV-0006-004-00				
Antenna 2	Peak gain	Main Antenna :	Aux. Antenna :				
		WLAN(2.4GHz): 1.5	WLAN(2.4GHz): 1.68				
			Bluetooth : 1.68				
		WLAN(5GHz): -1.97	WLAN(5GHz): -0.3				

Report No.: FR6N0822D

Page Number

: E1 of E1