Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2(1)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		11000	-58.64	-37.44	-21.2	-39.19	2	7.25	31.71	3.01		P	
		16500	-47.44	-20.44	-27	-29.99	2	9.01	31.47	3.01		P	
802.11n													
HT20													
CH 100													
5500MHz													
		11160	-52.35	-31.15	-21.2	-32.85	2	7.25	31.76	3.01		P	
		16740	-33.82	-6.82	-27	-16.49	2	9.1	31.44	3.01		P	
802.11n													
HT20													
CH 116													
5580MHz													
		11400	-62.24	-41.04	-21.2	-42.67	2	7.25	31.83	3.01		P	
		17100	-57.15	-30.15	-27	-40	2	9.24	31.4	3.01		P	
802.11n													
HT20													
CH 140													
5700MHz													

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2(1)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		5459.92	-35.99	-14.79	-21.2	-45.7	2	4.7		3.01		P	
		5468.56	-29.44	-2.44	-27	-39.13	2	4.68		3.01		P	
		5459.92	-45.69	-4.49	-41.2	-55.4	2	4.7		3.01		A	
		5104	-40.59	-19.39	-21.2	-50.14	2	4.54		3.01		P	
		5104	-53.99	-12.79	-41.2	-63.54	2	4.54		3.01		A	
802.11n													
HT40	*	5510	11.35	-	-	1.69	2	4.65		3.01		P	
CH 102	*	5510	5.75	-	-	-3.91	2	4.65		3.01		A	
5510MHz		5752.925	-46.92	-19.92	-27	-56.84	2	4.91		3.01		P	
		5458.24	-29.73	-8.53	-21.2	-39.44	2	4.7		3.01		P	
		5464.48	-30.14	-3.14	-27	-39.85	2	4.7		3.01		P	
		5458	-41.81	-0.61	-41.2	-51.52	2	4.7		3.01		A	
		5140	-38.67	-17.47	-21.2	-48.23	2	4.55		3.01		P	
		5140	-50.21	-9.01	-41.2	-59.77	2	4.55		3.01		A	
802.11n													
HT40	*	5550	16.1	-	-	6.47	2	4.62		3.01		P	
CH 110	*	5550	10.14	-	-	0.51	2	4.62		3.01		A	
5550MHz		5732.975	-44.15	-17.15	-27	-54.03	2	4.87		3.01		P	

		5355.76	-38.81	-17.61	-21.2	-48.51	2	4.69		3.01		P	
		5462.08	-41.16	-14.16	-27	-50.87	2	4.7		3.01		P	
		5363.92	-50.01	-8.81	-41.2	-59.73	2	4.71		3.01		A	
		5104	-39.2	-18	-21.2	-48.75	2	4.54		3.01		P	
802.11n		5104	-51.86	-10.66	-41.2	-61.41	2	4.54		3.01		A	
HT40	*	5670	13.36	-	-	3.61	2	4.74		3.01		P	
CH 134	*	5670	7.85	-	-	-1.9	2	4.74		3.01		A	
5670MHz		5727.9	-27.89	-0.89	-27	-37.77	2	4.87		3.01		P	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2(1)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		11020	-59.14	-37.94	-21.2	-39.69	2	7.25	31.71	3.01		P	
		16530	-57.76	-30.76	-27	-40.32	2	9.02	31.47	3.01		P	
802.11n													
HT40													
CH 102													
5510MHz													
		11100	-60.12	-38.92	-21.2	-40.64	2	7.25	31.74	3.01		P	
		16650	-44.77	-17.77	-27	-27.4	2	9.07	31.45	3.01		P	
802.11n													
HT40													
CH 110													
5550MHz													
		11340	-59.73	-38.53	-21.2	-40.18	2	7.25	31.81	3.01		P	
		17010	-54.03	-27.03	-27	-36.84	2	9.21	31.41	3.01		P	
802.11n													
HT40													
CH 134													
5670MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2(1)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		5457.28	-31.49	-10.29	-21.2	-41.2	2	4.7		3.01		P	
		5469.76	-28.04	-1.04	-27	-37.73	2	4.68		3.01		P	
		5458.72	-42.54	-1.34	-41.2	-52.25	2	4.7		3.01		A	
		5026	-39.69	-18.49	-21.2	-49.22	2	4.52		3.01		P	
802.11ac		5026	-54.79	-13.59	-41.2	-64.32	2	4.52		3.01		A	
VHT80	*	5530	6.86	-	-	-2.79	2	4.64		3.01		P	
CH 106	*	5530	0.28	-	-	-9.37	2	4.64		3.01		A	
5530MHz		5729.825	-48.26	-21.26	-27	-58.14	2	4.87		3.01		P	
		5459.44	-29.79	-8.59	-21.2	-39.5	2	4.7		3.01		P	
		5469.76	-29.86	-2.86	-27	-39.55	2	4.68		3.01		P	
		5459.2	-41.73	-0.53	-41.2	-51.44	2	4.7		3.01		A	
	*	5610	12.47	-	-	2.84	2	4.62		3.01		P	
802.11ac	*	5610	5.75	-	-	-3.88	2	4.62		3.01		A	
VHT80		5726.15	-28.46	-1.46	-27	-38.34	2	4.87		3.01		P	
CH 122													
5610MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2(1)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		11060	-65.52	-44.32	-21.2	-46.05	2	7.25	31.73	3.01		P	
		16590	-61.68	-34.68	-27	-44.28	2	9.05	31.46	3.01		P	
802.11ac VHT80 CH 106 5530MHz													
		11220	-61.72	-40.52	-21.2	-42.21	2	7.25	31.77	3.01		P	
		16830	-49.32	-22.32	-27	-32.04	2	9.14	31.43	3.01		P	
802.11ac VHT80 CH 122 5610MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Aux		Peak	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Factor		Avg.	
1+2(1)		(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dB)	(dB)	(dB)		(P/A)	
802.11a CH 144 5720MHz		5056	-36.7	-15.5	-21.2	-46.24	2	4.53	0	3.01		P	
		5056	-50.57	-9.37	-41.2	-60.11	2	4.53	0	3.01		A	
		5410	-35.71	-14.51	-21.2	-45.46	2	4.74	0	3.01		P	
		5410	-46.49	-5.29	-41.2	-56.24	2	4.74	0	3.01		A	
	*	5720	21.4	-	-	11.52	2	4.87	0	3.01		P	
	*	5720	14.96	-	-	5.08	2	4.87	0	3.01		A	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2(1)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
802.11a CH 144 5720MHz		11440	-48.61	-27.41	-21.2	-29.03	2	7.25	31.84	3.01		P	
		17160	-45.1	-18.1	-27	-27.97	2	9.26	31.4	3.01		P	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2(1)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		5068	-38.3	-17.1	-21.2	-47.84	2	4.53	0	3.01		P	
		5068	-50.7	-9.5	-41.2	-60.24	2	4.53	0	3.01		A	
		5406	-34.62	-13.42	-21.2	-44.37	2	4.74	0	3.01		P	
		5406	-47.02	-5.82	-41.2	-56.77	2	4.74	0	3.01		A	
802.11n	*	5720	20.33	-	-	10.45	2	4.87	0	3.01		P	
HT20	*	5720	14.46	-	-	4.58	2	4.87	0	3.01		A	
CH 144													
5720MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2(1)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		11440	-46.24	-25.04	-21.2	-26.66	2	7.25	31.84	3.01		P	
		17160	-44.98	-17.98	-27	-27.85	2	9.26	31.4	3.01		P	
802.11n													
HT20													
CH 144													
5720MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2(1)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		5128	-37.69	-16.49	-21.2	-47.25	2	4.55		3.01		P	
		5128	-50.3	-9.1	-41.2	-59.86	2	4.55		3.01		A	
		5434	-34.07	-12.87	-21.2	-43.79	2	4.71		3.01		P	
		5434	-46.71	-5.51	-41.2	-56.43	2	4.71		3.01		A	
802.11n	*	5710	17.91	-	-	8.07	2	4.83		3.01		P	
HT40	*	5710	11.67	-	-	1.83	2	4.83		3.01		A	
CH 142													
5710MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2(1)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		11420	-53.34	-32.14	-21.2	-33.76	2	7.25	31.84	3.01		P	
		17130	-47.2	-20.2	-27	-30.07	2	9.26	31.4	3.01		P	
802.11n													
HT40													
CH 142													
5710MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2(1)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		5050	-37.89	-16.69	-21.2	-47.43	2	4.53		3.01		P	
		5050	-54.29	-13.09	-41.2	-63.83	2	4.53		3.01		A	
		5446	-32.15	-10.95	-21.2	-41.87	2	4.71		3.01		P	
		5446	-41.39	-0.19	-41.2	-51.11	2	4.71		3.01		A	
802.11ac	*	5690	15.61	-	-	5.82	2	4.78		3.01		P	
VHT80	*	5690	7.77	-	-	-2.02	2	4.78		3.01		A	
CH 138													
5690MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2(1)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		11380	-55.47	-34.27	-21.2	-35.9	2	7.25	31.83	3.01		P	
		17070	-46.49	-19.49	-27	-29.33	2	9.23	31.4	3.01		P	
802.11ac													
VHT80													
CH 138													
5690MHz													

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Emission below 1GHz

WIFI 802.11n HT20 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Aux		Peak	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Factor		Avg.	
1+2(1)		(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dB)	(dB)	(dB)		(P/A)	
802.11n HT20 LF		32.43	-82.01	-26.81	-55.2	-54.97	2	0.28	32.33	3.01		P	
		49.98	-80.85	-25.65	-55.2	-53.89	2	0.29	32.26	3.01		P	
		89.13	-85.87	-34.17	-51.7	-59.14	2	0.47	32.21	3.01		P	
		316.8	-103.81	-54.61	-49.2	-77.68	2	0.94	32.08	3.01		P	
		346.2	-103.93	-54.73	-49.2	-77.86	2	1.01	32.09	3.01		P	
		948.9	-105.82	-56.62	-49.2	-81.59	2	1.76	31	3.01		P	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Note symbol

*	**Fundamental Frequency** which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is **over limit** line.
P/A	**P**eak or **A**verage
H/V	**H**orizontal or **V**ertical

A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Level(dBμV/m) =

Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is "PASS".

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Aux		Peak	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Factor		Avg.	
1+2(2)		(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dB)	(dB)	(dB)		(P/A)	
802.11a CH 52 5260MHz		5107.64	-36.33	-15.13	-21.2	-45.89	2	4.55		3.01		P	
		5147.94	-47.46	-6.26	-41.2	-57.03	2	4.56		3.01		A	
	*	5260	21.84	-	-	12.21	2	4.62		3.01		P	
	*	5260	15.98	-	-	6.35	2	4.62		3.01		A	
		5360.4	-34.56	-13.36	-21.2	-44.28	2	4.71		3.01		P	
		5350.56	-45.77	-4.57	-41.2	-55.47	2	4.69		3.01		A	
802.11a CH 60 5300MHz		5137.02	-38.79	-17.59	-21.2	-48.35	2	4.55		3.01		P	
		5105.3	-49.54	-8.34	-41.2	-59.09	2	4.54		3.01		A	
	*	5302	20.74	-	-	11.08	2	4.65		3.01		P	
	*	5302	14.4	-	-	4.74	2	4.65		3.01		A	
		5351.28	-29.83	-8.63	-21.2	-39.53	2	4.69		3.01		P	
		5350.56	-42.3	-1.1	-41.2	-52	2	4.69		3.01		A	

802.11a CH 64 5320MHz		5002.34	-40.32	-19.12	-21.2	-49.85	2	4.52		3.01		P	
		5004.94	-50.73	-9.53	-41.2	-60.26	2	4.52		3.01		A	
	*	5320	17.24	-	-	7.57	2	4.66		3.01		P	
	*	5320	11.24	52.44	-41.2	1.57	2	4.66		3.01		A	
		5351.04	-30.18	-8.98	-21.2	-39.88	2	4.69		3.01		P	
		5350.32	-41.98	-0.78	-41.2	-51.68	2	4.69		3.01		A	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
802.11a CH 52 5260MHz		10520	-43.05	-16.05	-27	-23.89	2	7.25	31.42	3.01		P	
		15780	-34.61	-13.41	-21.2	-16.94	2	8.8	31.48	3.01		P	
		15780	-43.62	-2.42	-41.2	-25.95	2	8.8	31.48	3.01		A	
802.11a CH 60 5300MHz		10600	-52.9	-25.9	-27	-33.69	2	7.25	31.47	3.01		P	
		15900	-36.93	-15.73	-21.2	-19.27	2	8.81	31.48	3.01		P	
		15900	-47.39	-6.19	-41.2	-29.73	2	8.81	31.48	3.01		A	
802.11a CH 64 5320MHz		10640	-46.43	-25.23	-21.2	-27.2	2	7.25	31.49	3.01		P	
		15960	-47.77	-26.57	-21.2	-30.12	2	8.82	31.48	3.01		P	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		5148.98	-36.89	-15.69	-21.2	-46.46	2	4.56		3.01		P	
		5149.5	-48.94	-7.74	-41.2	-58.51	2	4.56		3.01		A	
	*	5260	21.67	-	-	12.04	2	4.62		3.01		P	
	*	5260	14.77	-	-	5.14	2	4.62		3.01		A	
802.11n		5357.28	-32.63	-11.43	-21.2	-42.33	2	4.69		3.01		P	
HT20		5350.56	-45.72	-4.52	-41.2	-55.42	2	4.69		3.01		A	
CH 52													
5260MHz													
		5102.96	-39.67	-18.47	-21.2	-49.22	2	4.54		3.01		P	
		5132.6	-50.57	-9.37	-41.2	-60.13	2	4.55		3.01		A	
	*	5300	19.86	-	-	10.2	2	4.65		3.01		P	
	*	5300	13.67	-	-	4.01	2	4.65		3.01		A	
802.11n		5356.8	-30.88	-9.68	-21.2	-40.58	2	4.69		3.01		P	
HT20		5350.32	-41.39	-0.19	-41.2	-51.09	2	4.69		3.01		A	
CH 60													
5300MHz													

		5070.72	-41.75	-20.55	-21.2	-51.3	2	4.54		3.01		P	
		5007.8	-52.02	-10.82	-41.2	-61.55	2	4.52		3.01		A	
	*	5320	16.29	-	-	6.62	2	4.66		3.01		P	
	*	5320	10.25	-	-	0.58	2	4.66		3.01		A	
802.11n		5350.8	-30.76	-9.56	-21.2	-40.46	2	4.69		3.01		P	
HT20		5350.08	-42.18	-0.98	-41.2	-51.88	2	4.69		3.01		A	
CH 64													
5320MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		10520	-41.99	-14.99	-27	-22.83	2	7.25	31.42	3.01		P	
		15780	-33.91	-12.71	-21.2	-16.24	2	8.8	31.48	3.01		P	
802.11n		15780	-44.04	-2.84	-41.2	-26.37	2	8.8	31.48	3.01		A	
HT20													
CH 52													
5260MHz													
		10600	-50.21	-23.21	-27	-31	2	7.25	31.47	3.01		P	
		15900	-37.82	-16.62	-21.2	-20.16	2	8.81	31.48	3.01		P	
802.11n		15900	-46.96	-5.76	-41.2	-29.3	2	8.81	31.48	3.01		A	
HT20													
CH 60													
5300MHz													
		10640	-48.55	-27.35	-21.2	-29.32	2	7.25	31.49	3.01		P	
		15960	-48.9	-27.7	-21.2	-31.25	2	8.82	31.48	3.01		P	
802.11n													
HT20													
CH 64													
5320MHz													

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		5149.76	-38.04	-16.84	-21.2	-47.61	2	4.56		3.01		P	
		5148.46	-49.64	-8.44	-41.2	-59.21	2	4.56		3.01		A	
	*	5260	16.57	-	-	6.94	2	4.62		3.01		P	
	*	5260	10.51	-	-	0.88	2	4.62		3.01		A	
802.11n		5352.72	-31.28	-10.08	-21.2	-40.98	2	4.69		3.01		P	
HT40		5351.04	-41.56	-0.36	-41.2	-51.26	2	4.69		3.01		A	
CH 54													
5270MHz													
		5146.38	-45.2	-24	-21.2	-54.77	2	4.56		3.01		P	
		5000	-55.43	-14.23	-41.2	-64.96	2	4.52		3.01		A	
	*	5310	11.81	-	-	2.14	2	4.66		3.01		P	
	*	5310	5.42	-	-	-4.25	2	4.66		3.01		A	
802.11n		5350.56	-32.07	-10.87	-21.2	-41.77	2	4.69		3.01		P	
HT40		5350.08	-42.17	-0.97	-41.2	-51.87	2	4.69		3.01		A	
CH 62													
5310MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		10540	-49.6	-22.6	-27	-30.43	2	7.25	31.43	3.01		P	
		15810	-39.33	-18.13	-21.2	-21.67	2	8.81	31.48	3.01		P	
802.11n		15810	-49.47	-8.27	-41.2	-31.81	2	8.81	31.48	3.01		A	
HT40													
CH 54													
5270MHz													
		10620	-52.87	-31.67	-21.2	-33.65	2	7.25	31.48	3.01		P	
		15930	-56.38	-35.18	-21.2	-38.73	2	8.82	31.48	3.01		P	
802.11n													
HT40													
CH 62													
5310MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		5133.9	-42.85	-21.65	-21.2	-52.41	2	4.55		3.01		P	
		5150	-53.49	-12.29	-41.2	-63.06	2	4.56		3.01		A	
	*	5290	8.85	-	-	-0.81	2	4.65		3.01		P	
	*	5290	1.13	-	-	-8.53	2	4.65		3.01		A	
802.11ac		5351.28	-29.96	-8.76	-21.2	-39.66	2	4.69		3.01		P	
VHT80		5350.32	-41.71	-0.51	-41.2	-51.41	2	4.69		3.01		A	
CH 58													
5290MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		10580	-58.56	-31.56	-27	-39.36	2	7.25	31.46	3.01		P	
		15870	-60.45	-39.25	-21.2	-42.79	2	8.81	31.48	3.01		P	
802.11ac													
VHT80													
CH 58													
5290MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Aux		Peak	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Factor		Avg.	
1+2(2)		(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dB)	(dB)	(dB)		(P/A)	
802.11a CH 100 5500MHz		5458.96	-39.29	-18.09	-21.2	-49	2	4.7		3.01		P	
		5469.04	-28.7	-1.7	-27	-38.39	2	4.68		3.01		P	
		5458.96	-48.69	-7.49	-41.2	-58.4	2	4.7		3.01		A	
	*	5500	16.06	-	-	6.38	2	4.67		3.01		P	
	*	5500	11.06	-	-	1.38	2	4.67		3.01		A	
		5749.775	-43.57	-16.57	-27	-53.49	2	4.91		3.01		P	
802.11a CH 116 5580MHz		5360.32	-37.87	-16.67	-21.2	-47.59	2	4.71		3.01		P	
		5467.36	-36.64	-9.64	-27	-46.33	2	4.68		3.01		P	
		5459.92	-48.54	-7.34	-41.2	-58.25	2	4.7		3.01		A	
	*	5580	21.91	-	-	12.31	2	4.59		3.01		P	
	*	5580	15.23	-	-	5.63	2	4.59		3.01		A	
		5744.35	-42.18	-15.18	-27	-52.1	2	4.91		3.01		P	

802.11a CH 140 5700MHz		5359.6	-38.8	-17.6	-21.2	-48.52	2	4.71		3.01		P	
		5469.04	-39.44	-12.44	-27	-49.13	2	4.68		3.01		P	
		5373.28	-48.01	-6.81	-41.2	-57.73	2	4.71		3.01		A	
		5074	-37.24	-16.04	-21.2	-46.79	2	4.54		3.01		P	
		5074	-48.32	-7.12	-41.2	-57.87	2	4.54		3.01		A	
	*	5700	17.02	-	-	7.18	2	4.83		3.01		P	
	*	5700	11.04	-	-	1.2	2	4.83		3.01		A	
		5725.01	-27.27	-0.27	-27	-37.15	2	4.87		3.01		P	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
802.11a CH 100 5500MHz		11000	-55.7	-34.5	-21.2	-36.25	2	7.25	31.71	3.01		P	
		16500	-58.99	-31.99	-27	-41.54	2	9.01	31.47	3.01		P	
802.11a CH 116 5580MHz		11160	-44.83	-23.63	-21.2	-25.33	2	7.25	31.76	3.01		P	
		16740	-48.98	-21.98	-27	-31.65	2	9.1	31.44	3.01		P	
802.11a CH 140 5700MHz		11400	-54.85	-33.65	-21.2	-35.28	2	7.25	31.83	3.01		P	
		17100	-62.73	-35.73	-27	-45.58	2	9.24	31.4	3.01		P	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		5450.32	-38.89	-17.69	-21.2	-48.6	2	4.7		3.01		P	
		5469.04	-28.1	-1.1	-27	-37.79	2	4.68		3.01		P	
		5459.92	-49.43	-8.23	-41.2	-59.14	2	4.7		3.01		A	
		5068	-38.82	-17.62	-21.2	-48.36	2	4.53		3.01		P	
802.11n		5068	-51.33	-10.13	-41.2	-60.87	2	4.53		3.01		A	
HT20	*	5500	16.01	-	-	6.33	2	4.67		3.01		P	
CH 100	*	5500	9.94	-	-	0.26	2	4.67		3.01		A	
5500MHz		5742.775	-46.78	-19.78	-27	-56.7	2	4.91		3.01		P	
		5459.2	-39.33	-18.13	-21.2	-49.04	2	4.7		3.01		P	
		5469.52	-37.33	-10.33	-27	-47.02	2	4.68		3.01		P	
		5459.2	-49.26	-8.06	-41.2	-58.97	2	4.7		3.01		A	
		5146	-38.38	-17.18	-21.2	-47.95	2	4.56		3.01		P	
802.11n		5146	-50.05	-8.85	-41.2	-59.62	2	4.56		3.01		A	
HT20	*	5580	22.37	-	-	12.77	2	4.59		3.01		P	
CH 116	*	5580	14.21	-	-	4.61	2	4.59		3.01		A	
5580MHz		5742.6	-41.81	-14.81	-27	-51.73	2	4.91		3.01		P	

		5387.2	-39.31	-18.11	-21.2	-49.04	2	4.72		3.01		P	
		5466.16	-40.81	-13.81	-27	-50.5	2	4.68		3.01		P	
		5372.8	-49.29	-8.09	-41.2	-59.01	2	4.71		3.01		A	
		5140	-37.65	-16.45	-21.2	-47.21	2	4.55		3.01		P	
802.11n		5140	-49.29	-8.09	-41.2	-58.85	2	4.55		3.01		A	
HT20	*	5700	16.09	-	-	6.25	2	4.83		3.01		P	
CH 140	*	5700	10.9	-	-	1.06	2	4.83		3.01		A	
5700MHz		5725.1	-28.05	-1.05	-27	-37.93	2	4.87		3.01		P	

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		11000	-56.37	-35.17	-21.2	-36.92	2	7.25	31.71	3.01		P	
		16500	-59.85	-32.85	-27	-42.4	2	9.01	31.47	3.01		P	
802.11n													
HT20													
CH 100													
5500MHz													
		11160	-46.78	-25.58	-21.2	-27.28	2	7.25	31.76	3.01		P	
		16740	-50.09	-23.09	-27	-32.76	2	9.1	31.44	3.01		P	
802.11n													
HT20													
CH 116													
5580MHz													
		11400	-53.1	-31.9	-21.2	-33.53	2	7.25	31.83	3.01		P	
		17100	-61.63	-34.63	-27	-44.48	2	9.24	31.4	3.01		P	
802.11n													
HT20													
CH 140													
5700MHz													

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		5459.92	-35.59	-14.39	-21.2	-45.3	2	4.7		3.01		P	
		5470	-28.08	-1.08	-27	-37.77	2	4.68		3.01		P	
		5459.92	-46.98	-5.78	-41.2	-56.69	2	4.7		3.01		A	
		5098	-40.56	-19.36	-21.2	-50.11	2	4.54		3.01		P	
802.11n		5098	-54.4	-13.2	-41.2	-63.95	2	4.54		3.01		A	
HT40	*	5510	11.2	-	-	1.54	2	4.65		3.01		P	
CH 102	*	5510	4.63	-	-	-5.03	2	4.65		3.01		A	
5510MHz		5750.475	-46.84	-19.84	-27	-56.76	2	4.91		3.01		P	
		5457.52	-29.78	-8.58	-21.2	-39.49	2	4.7		3.01		P	
		5469.28	-27.69	-0.69	-27	-37.38	2	4.68		3.01		P	
		5458.96	-41.32	-0.12	-41.2	-51.03	2	4.7		3.01		A	
		5086	-39.5	-18.3	-21.2	-49.05	2	4.54		3.01		P	
802.11n		5086	-52.74	-11.54	-41.2	-62.29	2	4.54		3.01		A	
HT40	*	5550	15.89	-	-	6.26	2	4.62		3.01		P	
CH 110	*	5550	9.83	-	-	0.2	2	4.62		3.01		A	
5550MHz		5726.5	-45.33	-18.33	-27	-55.21	2	4.87		3.01		P	

		5359.12	-40.52	-19.32	-21.2	-50.24	2	4.71		3.01		P	
		5469.76	-41.5	-14.5	-27	-51.19	2	4.68		3.01		P	
		5352.64	-51.04	-9.84	-41.2	-60.74	2	4.69		3.01		A	
		5122	-38.36	-17.16	-21.2	-47.92	2	4.55		3.01		P	
802.11n		5122	-50.62	-9.42	-41.2	-60.18	2	4.55		3.01		A	
HT40	*	5670	13.53	-	-	3.78	2	4.74		3.01		P	
CH 134	*	5670	7.77	-	-	-1.98	2	4.74		3.01		A	
5670MHz		5727.025	-27.94	-0.94	-27	-37.82	2	4.87		3.01		P	

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		11020	-57.55	-36.35	-21.2	-38.1	2	7.25	31.71	3.01		P	
		16530	-66.98	-39.98	-27	-49.54	2	9.02	31.47	3.01		P	
802.11n													
HT40													
CH 102													
5510MHz													
		11100	-53.82	-32.62	-21.2	-34.34	2	7.25	31.74	3.01		P	
		16650	-54.15	-27.15	-27	-36.78	2	9.07	31.45	3.01		P	
802.11n													
HT40													
CH 110													
5550MHz													
		11340	-55.09	-33.89	-21.2	-35.54	2	7.25	31.81	3.01		P	
		17010	-63.72	-36.72	-27	-46.53	2	9.21	31.41	3.01		P	
802.11n													
HT40													
CH 134													
5670MHz													

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		5457.28	-30.17	-8.97	-21.2	-39.88	2	4.7		3.01		P	
		5468.08	-30.29	-3.29	-27	-39.98	2	4.68		3.01		P	
		5458.96	-42.8	-1.6	-41.2	-52.51	2	4.7		3.01		A	
		5110	-39.78	-18.58	-21.2	-49.34	2	4.55		3.01		P	
802.11ac		5110	-54.96	-13.76	-41.2	-64.52	2	4.55		3.01		A	
VHT80	*	5530	6.52	-	-	-3.13	2	4.64		3.01		P	
CH 106	*	5530	-0.97	-	-	-10.62	2	4.64		3.01		A	
5530MHz		5751.525	-51.16	-24.16	-27	-61.08	2	4.91		3.01		P	
		5459.68	-29.93	-8.73	-21.2	-39.64	2	4.7		3.01		P	
		5463.04	-28.02	-1.02	-27	-37.73	2	4.7		3.01		P	
		5457.52	-41.31	-0.11	-41.2	-51.02	2	4.7		3.01		A	
		5150	-39.21	-18.01	-21.2	-48.78	2	4.56		3.01		P	
802.11ac		5150	-51.56	-10.36	-41.2	-61.13	2	4.56		3.01		A	
VHT80	*	5610	15.37	-	-	5.74	2	4.62		3.01		P	
CH 122	*	5610	5.83	-	-	-3.8	2	4.62		3.01		A	
5610MHz		5725.1	-27.87	-0.87	-27	-37.75	2	4.87		3.01		P	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		11060	-61.62	-40.42	-21.2	-42.15	2	7.25	31.73	3.01		P	
		16590	-72.4	-45.4	-27	-55	2	9.05	31.46	3.01		P	
802.11ac													
VHT80													
CH 106													
5530MHz													
		11220	-57.51	-36.31	-21.2	-38	2	7.25	31.77	3.01		P	
		16830	-59.62	-32.62	-27	-42.34	2	9.14	31.43	3.01		P	
802.11ac													
VHT80													
CH 122													
5610MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Aux		Peak	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Factor		Avg.	
1+2(2)		(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dB)	(dB)	(dB)		(P/A)	
802.11a CH 144 5720MHz		5152	-36.2	-9.2	-27	-45.77	2	4.56		3.01		P	
		5152	-46.32	-439.33	393.01	-55.89	2	4.56		3.01		A	
		5398	-33.39	-12.19	-21.2	-43.14	2	4.74		3.01		P	
		5398	-44.16	-2.96	-41.2	-53.91	2	4.74		3.01		A	
	*	5720	22.19	-	-	12.31	2	4.87		3.01		P	
	*	5720	15	-	-	5.12	2	4.87		3.01		A	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
802.11a CH 144 5720MHz		11440	-40.33	-19.13	-21.2	-20.75	2	7.25	31.84	3.01		P	
		11440	-48.39	-7.19	-41.2	-28.81	2	7.25	31.84	3.01		A	
		17160	-52.41	-25.41	-27	-35.28	2	9.26	31.4	3.01		P	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		5122	-34.73	-13.53	-21.2	-44.29	2	4.55		3.01		P	
		5122	-46.2	-5	-41.2	-55.76	2	4.55		3.01		A	
		5434	-33.45	-12.25	-21.2	-43.17	2	4.71		3.01		P	
		5434	-44.07	-2.87	-41.2	-53.79	2	4.71		3.01		A	
802.11n	*	5722	22.65	-	-	12.77	2	4.87		3.01		P	
HT20	*	5722	14.77	-	-	4.89	2	4.87		3.01		A	
CH 144													
5720MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		11440	-43.25	-22.05	-21.2	-23.67	2	7.25	31.84	3.01		P	
		17160	-51.56	-24.56	-27	-34.43	2	9.26	31.4	3.01		P	
802.11n													
HT20													
CH 144													
5720MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		5092	-35.67	-14.47	-21.2	-45.22	2	4.54		3.01		P	
		5092	-46.1	-4.9	-41.2	-55.65	2	4.54		3.01		A	
		5368	-33.85	-12.65	-21.2	-43.57	2	4.71		3.01		P	
		5368	-44.03	-2.83	-41.2	-53.75	2	4.71		3.01		A	
802.11n	*	5710	18.53	-	-	8.69	2	4.83		3.01		P	
HT40	*	5710	11.78	-	-	1.94	2	4.83		3.01		A	
CH 142													
5710MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		11420	-54.16	-32.96	-21.2	-34.58	2	7.25	31.84	3.01		P	
		17130	-64.79	-37.79	-27	-47.66	2	9.26	31.4	3.01		P	
802.11n													
HT40													
CH 142													
5710MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		5038	-39.13	-17.93	-21.2	-48.67	2	4.53		3.01		P	
		5038	-51.34	-10.14	-41.2	-60.88	2	4.53		3.01		A	
		5446	-32.18	-10.98	-21.2	-41.9	2	4.71		3.01		P	
		5446	-41.7	-0.5	-41.2	-51.42	2	4.71		3.01		A	
802.11ac	*	5690	14.78	-	-	4.99	2	4.78		3.01		P	
VHT80	*	5690	7.54	-	-	-2.25	2	4.78		3.01		A	
CH 138													
5690MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
		11380	-50.99	-29.79	-21.2	-31.42	2	7.25	31.83	3.01		P	
		17070	-58.19	-31.19	-27	-41.03	2	9.23	31.4	3.01		P	
802.11ac													
VHT80													
CH 138													
5690MHz													

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Emission below 1GHz

WIFI 802.11ac VHT80 (LF @ 3m)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Aux Factor (dB)		Peak Avg. (P/A)	
802.11ac VHT80 LF		59.97	-82.8	-27.6	-55.2	-55.95	2	0.39	32.25	3.01		P	
		79.95	-93.49	-38.29	-55.2	-66.75	2	0.47	32.22	3.01		P	
		119.91	-100.58	-48.88	-51.7	-73.94	2	0.55	32.2	3.01		P	
		657.7	-108.42	-59.22	-49.2	-82.67	2	1.42	32.18	3.01		P	
		765.5	-107.61	-58.41	-49.2	-82.15	2	1.55	32.02	3.01		P	
		952.4	-106.84	-57.64	-49.2	-82.63	2	1.76	30.98	3.01		P	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Note symbol

*	**Fundamental Frequency** which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is **over limit** line.
P/A	**P**eak or **A**verage
H/V	**H**orizontal or **V**ertical

A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Level(dBμV/m) =

Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is "PASS".

Appendix F. Conducted Spurious Emission in the Restricted Band Plots

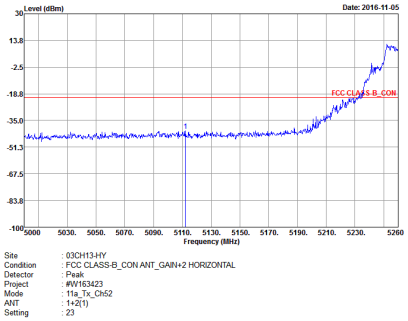
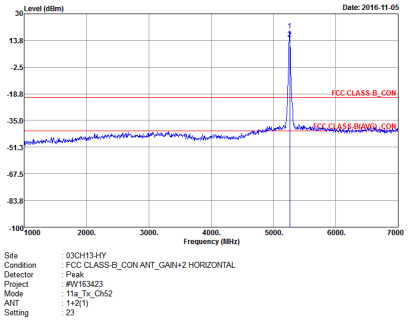
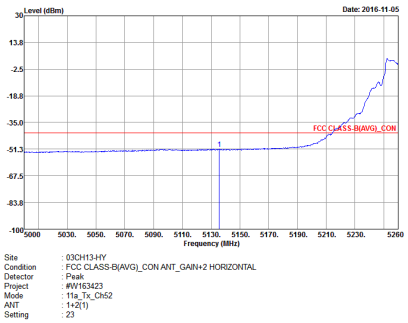
Test Engineer :	Citta Ke	**Temperature :**	23~25°C
		Relative Humidity :	47~49%

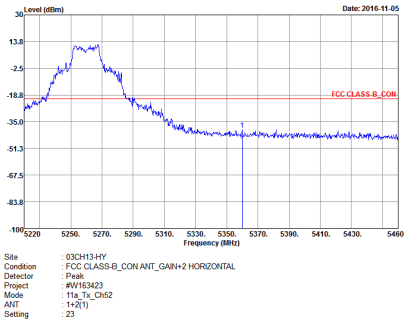
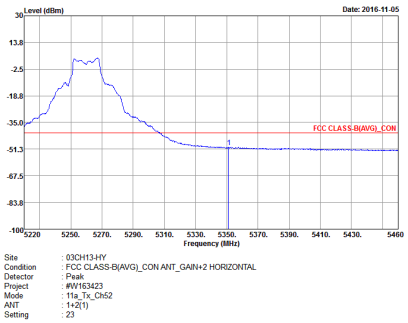
Note symbol

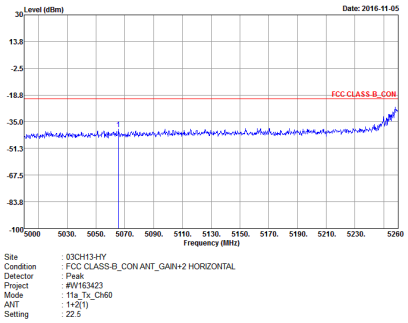
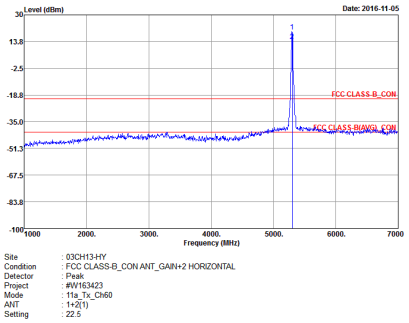
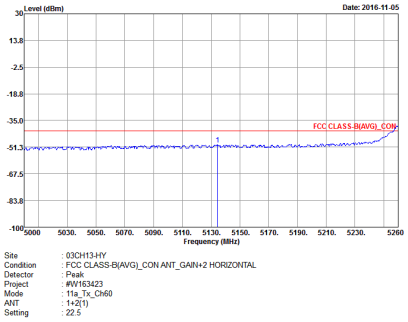
-L	**Low channel location**
-R	**High channel location**

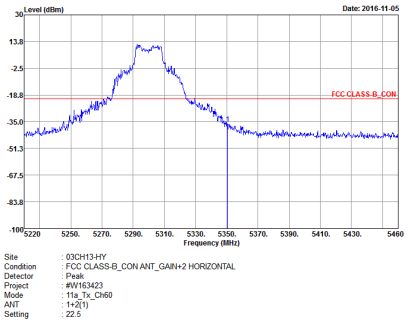
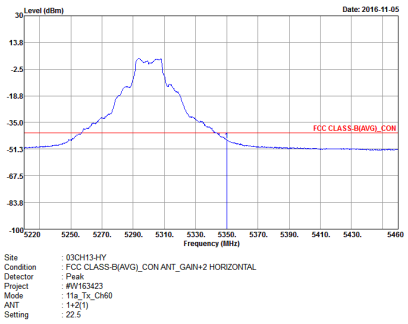
Band 2 - 5250~5350MHz

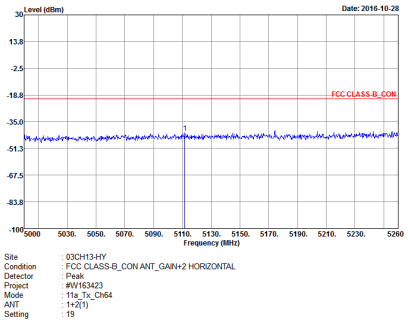
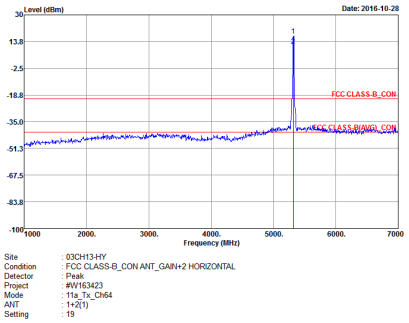
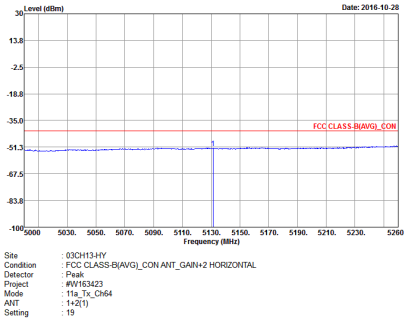
WIFI 802.11a (Band Edge)

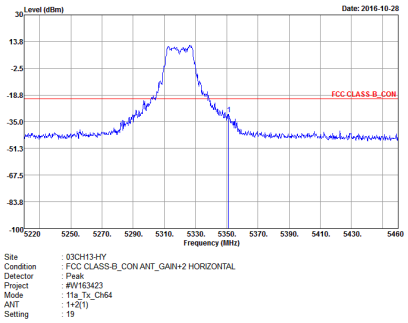
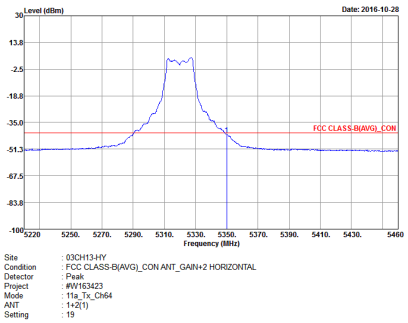
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11a CH52 5260MHz - L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11a CH52 5260MHz - R	
1+2(1)	Band Edge	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11a CH60 5300MHz - L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

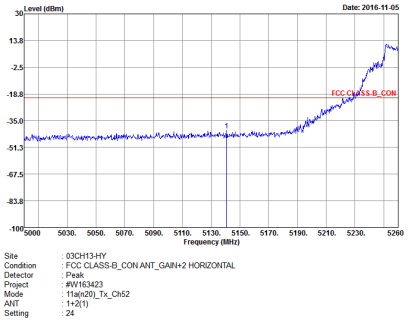
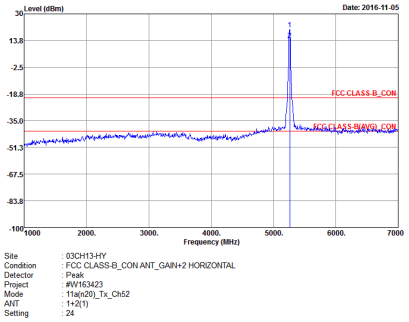
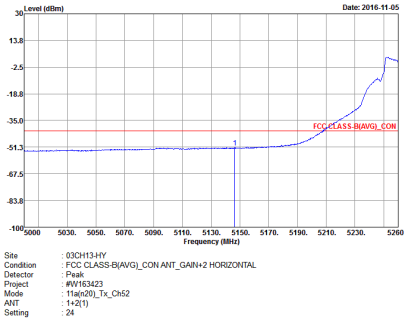
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11a CH60 5300MHz - R	
1+2(1)	Band Edge	Fundamental
Peak		Left blank
Avg.		Left blank

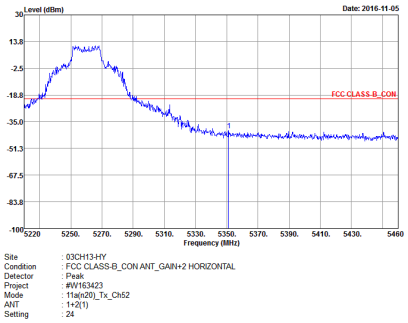
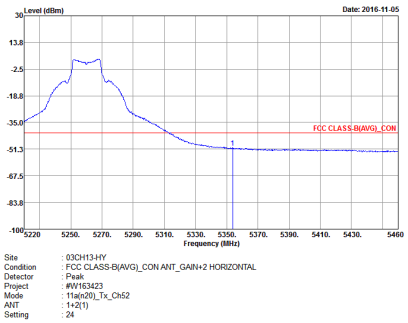
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11a CH64 5320MHz - L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

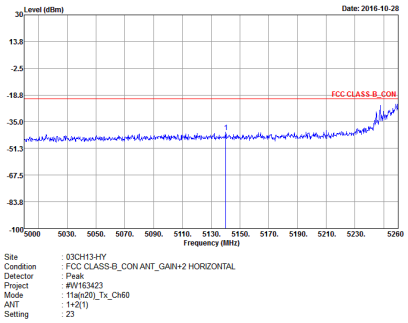
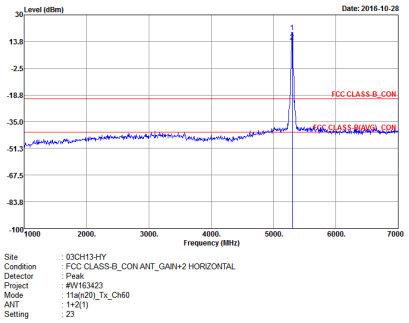
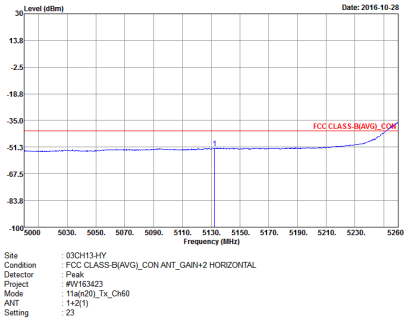
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11a CH64 5320MHz - R	
1+2(1)	Band Edge	Fundamental
Peak		Left blank
Avg.		Left blank

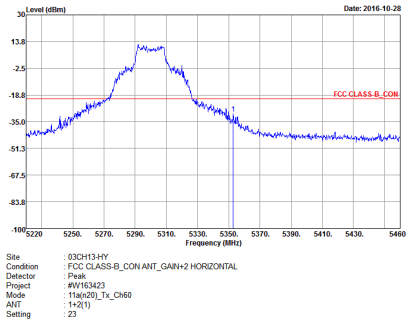
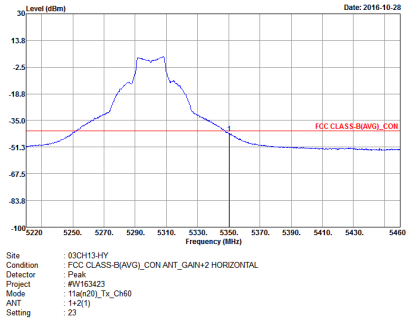
Band 2 5250~5350MHz

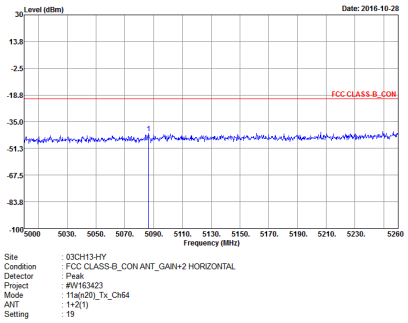
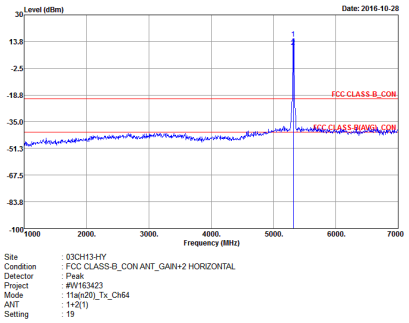
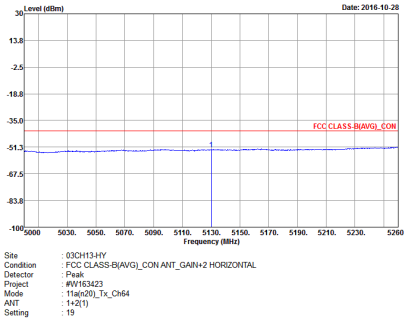
WIFI 802.11n HT20 (Band Edge)

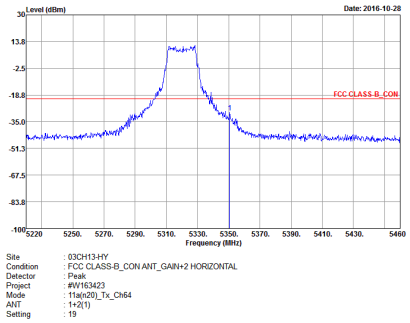
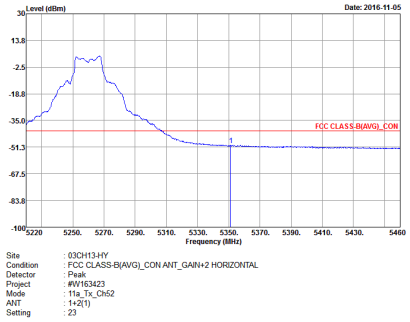
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT20 CH52 5260MHz - L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT20 CH52 5260MHz - R	
1+2(1)	Band Edge	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT20 CH60 5300MHz - L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

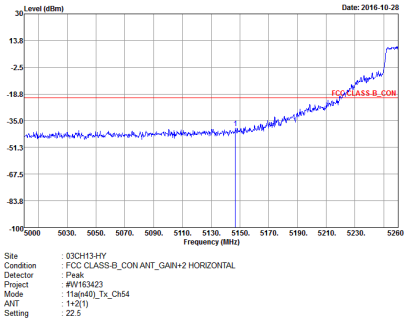
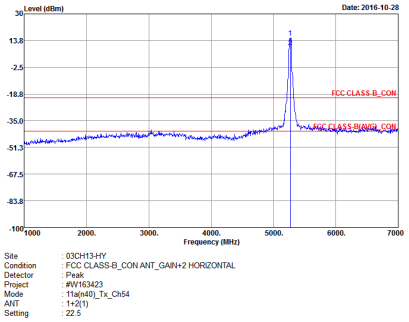
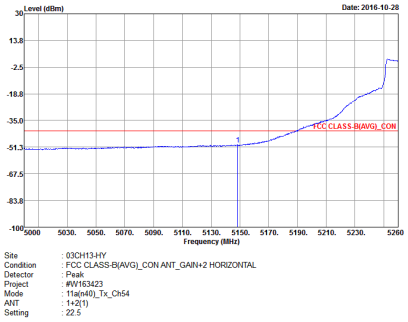
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT20 CH60 5300MHz - R	
1+2(1)	Band Edge	Fundamental
Peak		Left blank
Avg.		Left blank

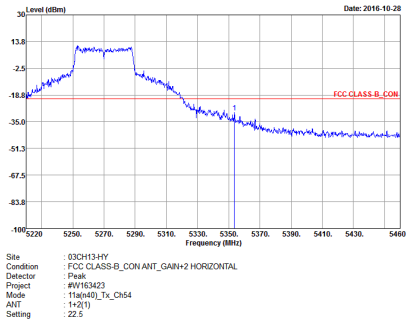
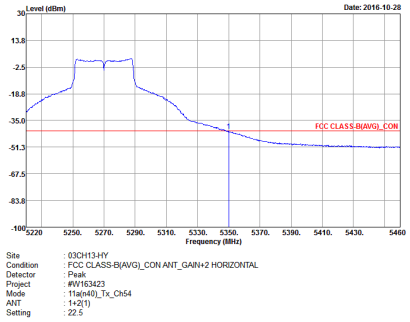
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT20 CH64 5320MHz - L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

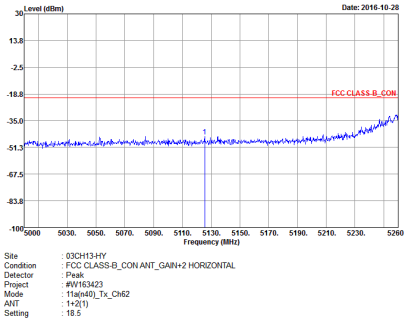
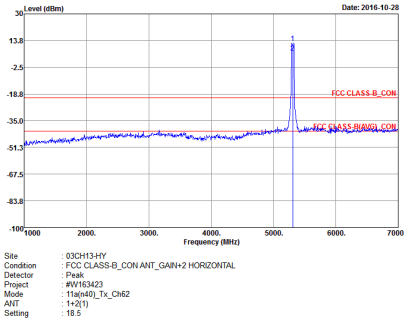
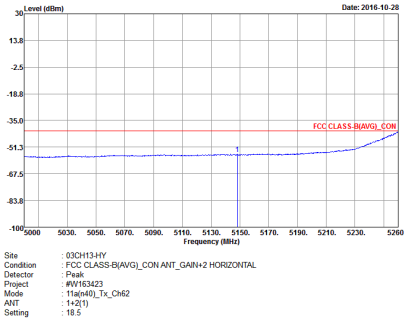
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT20 CH64 5320MHz - R	
1+2(1)	Band Edge	Fundamental
Peak		Left blank
Avg.		Left blank

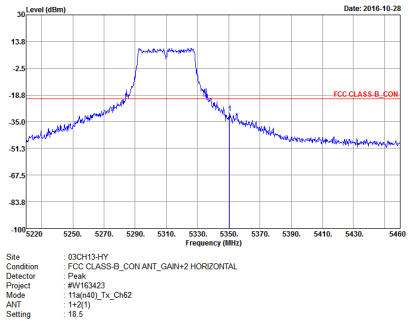
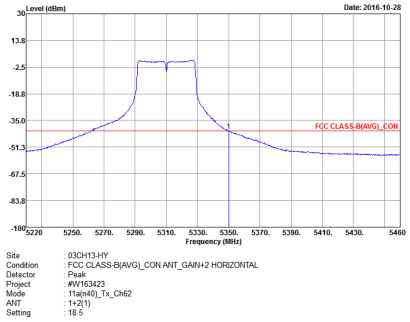
Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge)

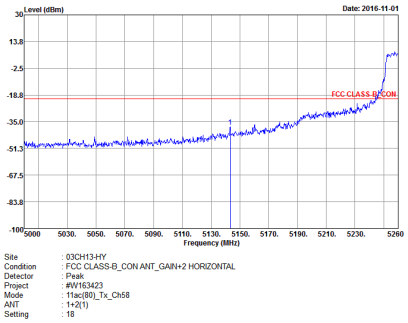
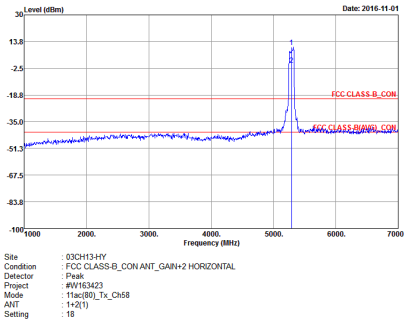
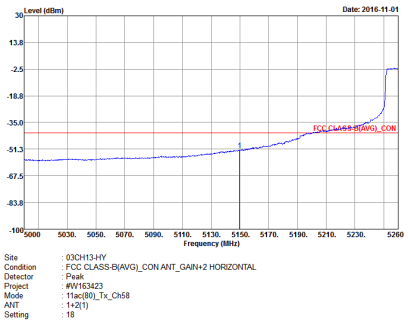
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT40 CH54 5270 - L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

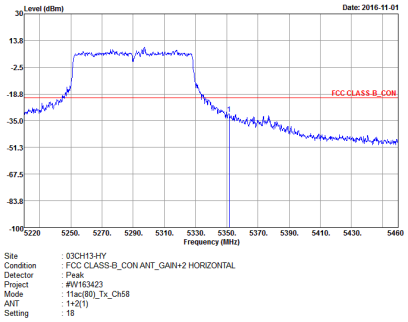
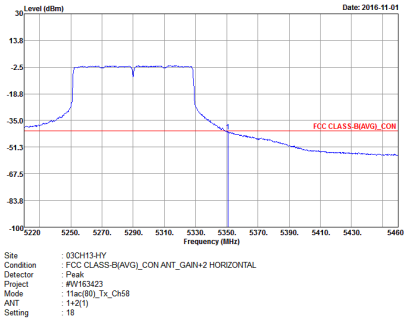
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT40 CH54 5270 - R	
1+2(1)	Band Edge	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT40 CH62 5310 - L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT40 CH62 5310 - R	
1+2(1)	Band Edge	Fundamental
Peak		Left blank
Avg.		Left blank

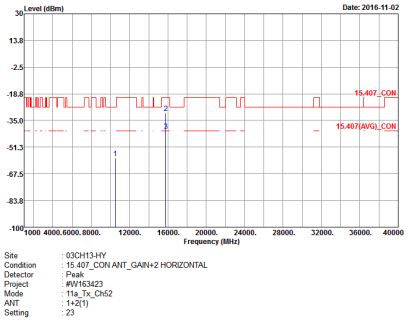
WIFI 802.11ac VHT80 (Band Edge)

WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

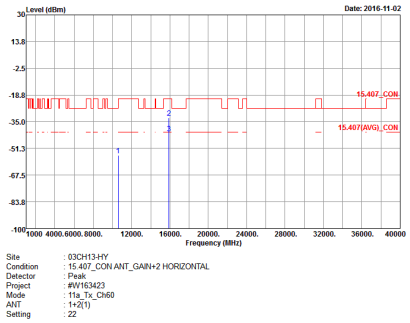
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1+2(1)	Band Edge	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 - 5250~5350MHz

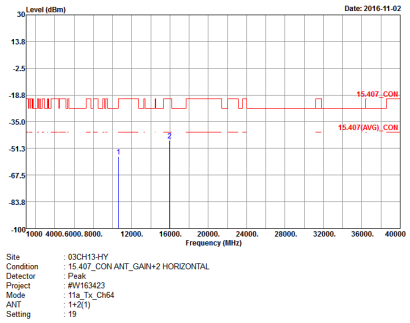
WIFI 802.11a (Harmonic)

WIFI	Band 2 5250~5350MHz Harmonic	
ANT	802.11a CH52 5260MHz	
1+2(1)		
Peak Avg.		Left blank

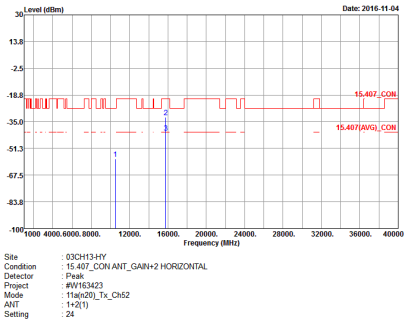
WIFI 802.11a (Harmonic)

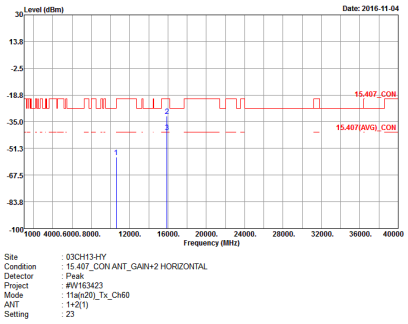
WIFI	Band 2 5250~5350MHz Harmonic	
ANT	802.11a CH60 5300MHz	
1+2(1)		
Peak Avg.		Left blank

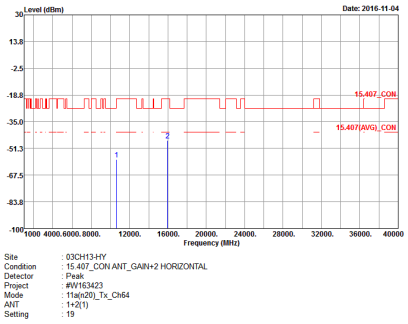
WIFI 802.11a (Harmonic)

WIFI	Band 2 5250~5350MHz Harmonic	
ANT	802.11a CH64 5320MHz	
1+2(1)		
Peak Avg.		Left blank

WIFI 802.11n HT20 (Harmonic)

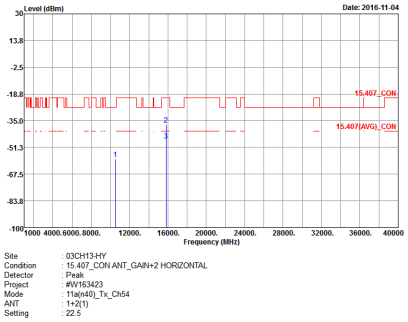
WIFI	Band 2 5250~5350MHz Harmonic	
ANT	802.11n HT20 CH52 5260MHz	
1+2(1)		
Peak Avg.		Left blank

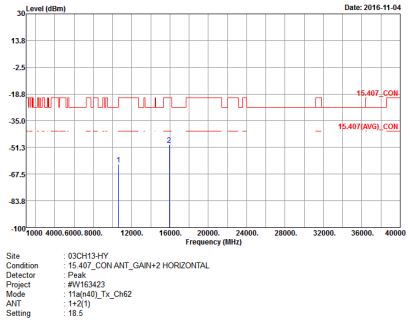
WIFI	Band 2 5250~5350MHz Harmonic	
ANT	802.11n HT20 CH60 5300MHz	
1+2(1)		
Peak Avg.		Left blank

WIFI	Band 2 5250~5350MHz Harmonic	
ANT	802.11n HT20 CH64 5320MHz	
1+2(1)		
Peak Avg.		Left blank

Band 2 5250~5350MHz

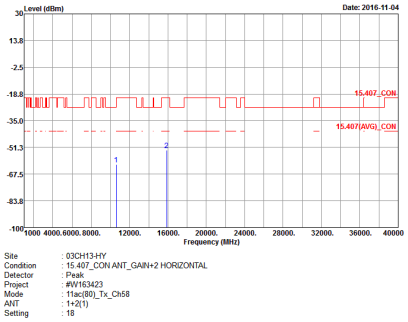
WIFI 802.11n HT40 (Harmonic)

WIFI	Band 2 5250~5350MHz Harmonic	
ANT	802.11n HT40 CH54 5270	
1+2(1)		
Peak Avg.		Left blank

WIFI	Band 2 5250~5350MHz Harmonic	
ANT	802.11n HT40 CH62 5310	
1+2(1)		
Peak Avg.		Left blank

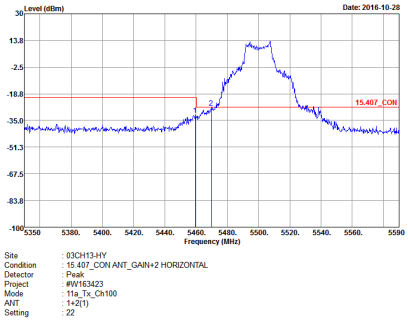
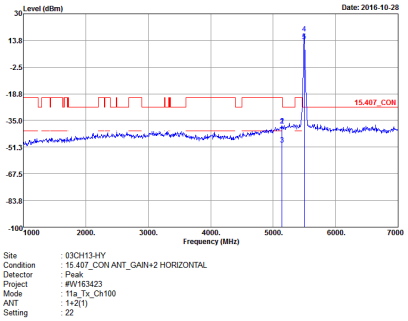
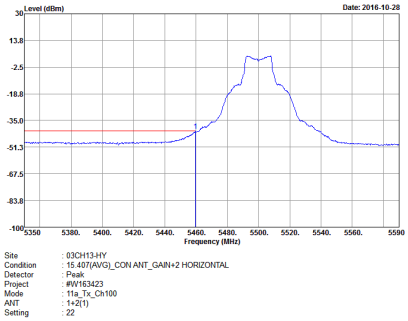
Band 2 5250~5350MHz

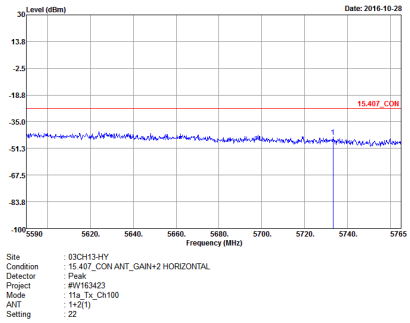
WIFI 802.11ac VHT80 (Harmonic)

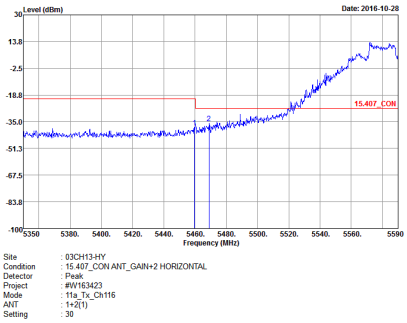
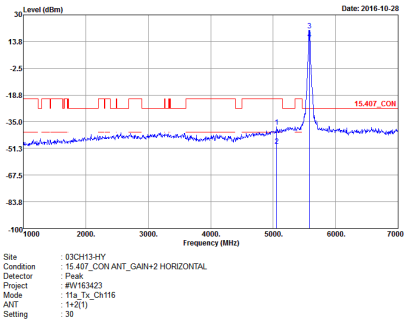
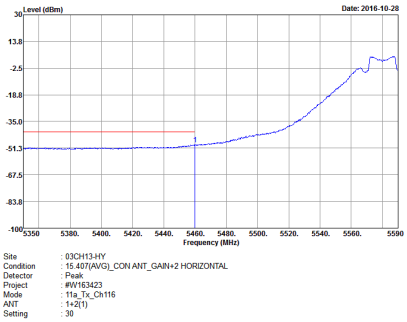
WIFI	Band 2 5250~5350MHz Harmonic	
ANT	802.11ac VHT80 CH58 5290MHz	
1+2(1)		
Peak Avg.		Left blank

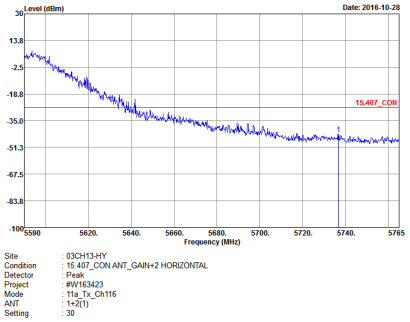
Band 3 - 5470~5725MHz

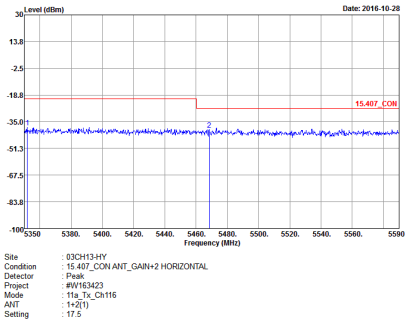
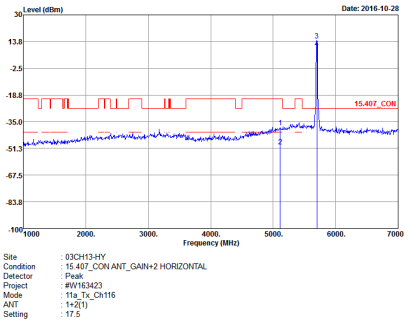
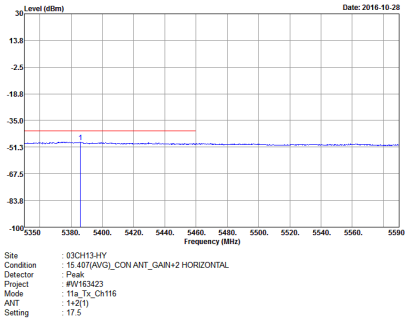
WIFI 802.11a (Band Edge)

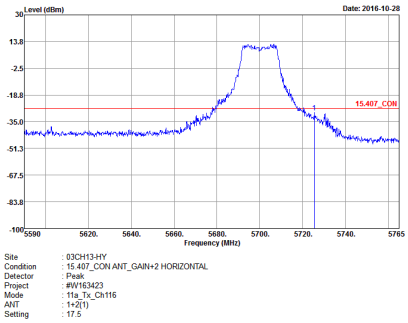
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11a CH100 5500MHz -L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11a CH100 5500MHz -R	
1+2(1)	Band Edge	Fundamental
Peak		Left blank

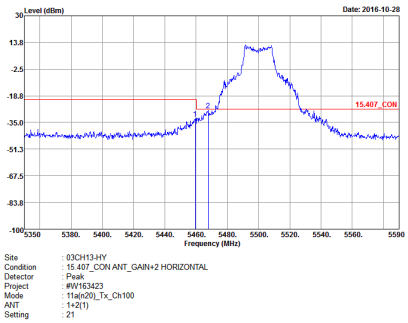
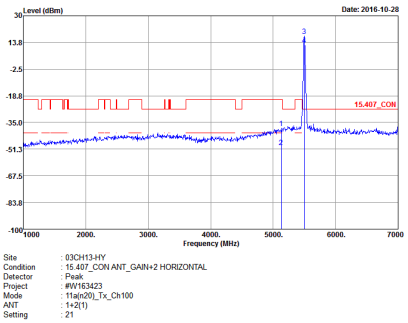
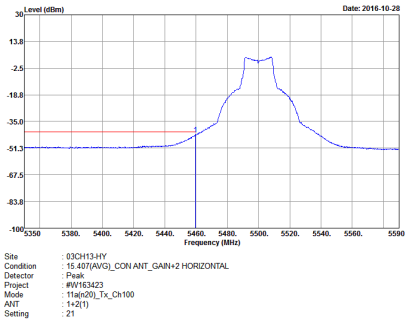
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11a CH116 5580MHz - L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

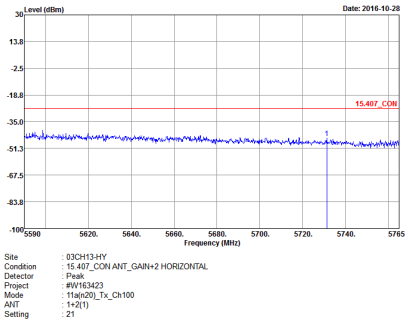
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11a CH116 5580MHz - R	
1+2(1)	Band Edge	Fundamental
Peak		Left blank

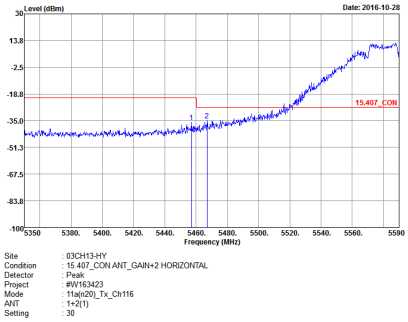
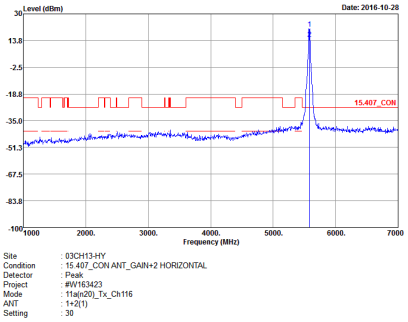
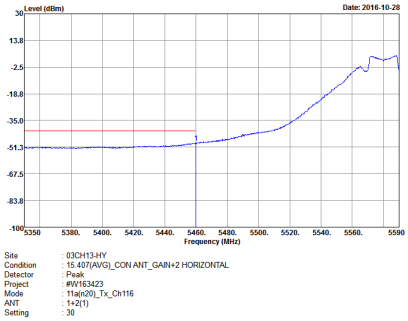
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11a CH140 5700MHz -L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

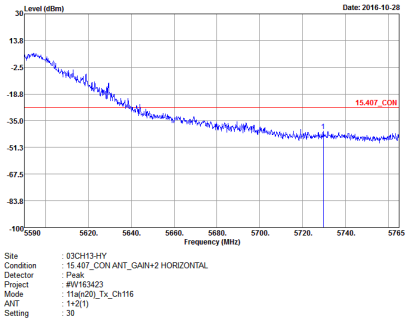
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11a CH140 5700MHz -R	
1+2(1)	Band Edge	Fundamental
Peak		Left blank

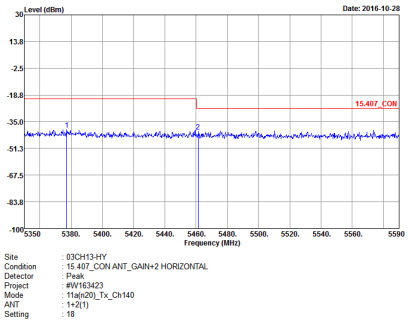
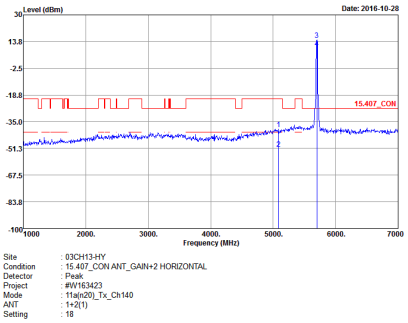
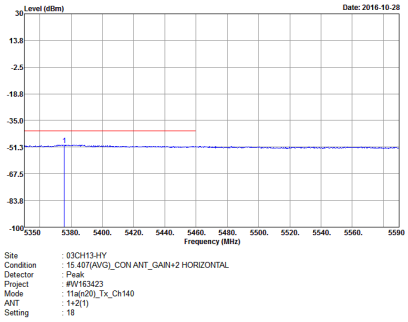
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge)

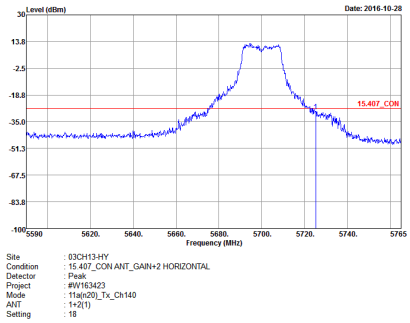
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT20 CH100 5500MHz -L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT20 CH100 5500MHz -R	
1+2(1)	Band Edge	Fundamental
Peak		Left blank

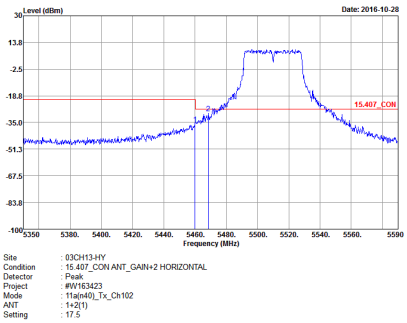
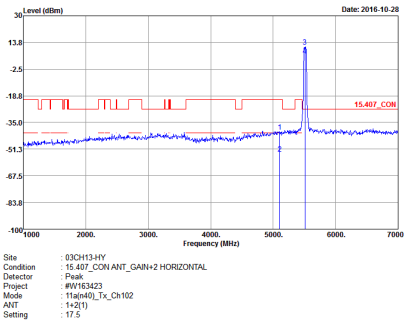
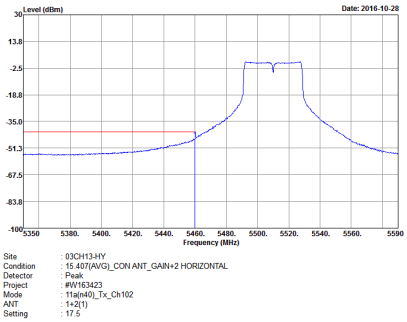
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT20 CH116 5580MHz - L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

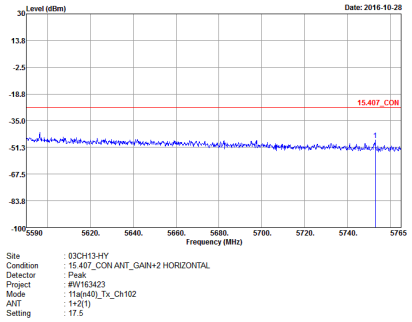
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT20 CH116 5580MHz - R	
1+2(1)	Band Edge	Fundamental
Peak		Left blank

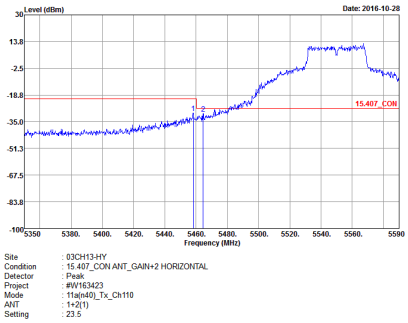
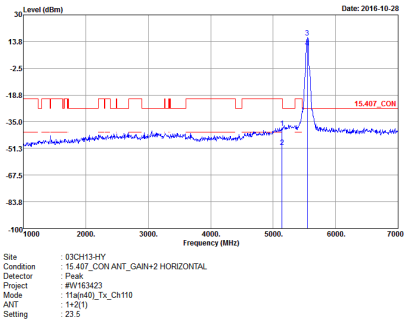
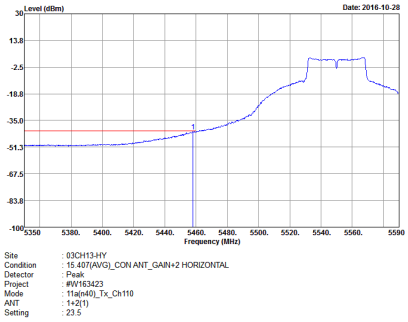
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT20 CH140 5700MHz -L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

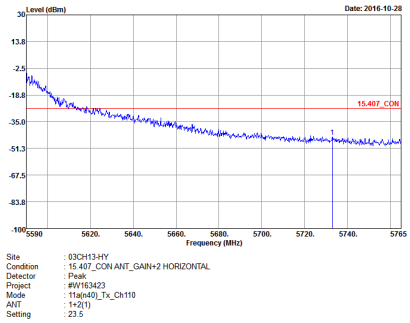
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT20 CH140 5700MHz -R	
1+2(1)	Band Edge	Fundamental
Peak.		Left blank

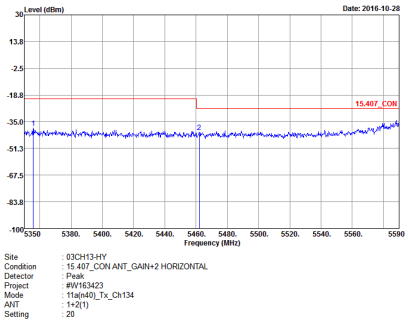
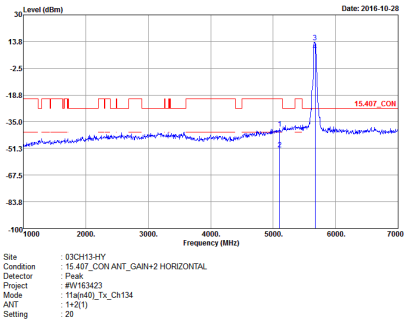
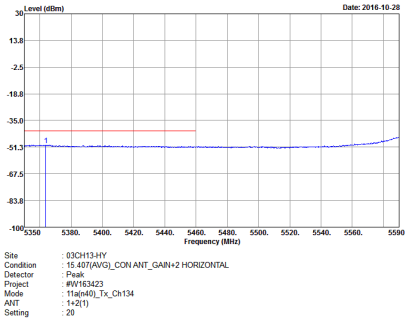
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge)

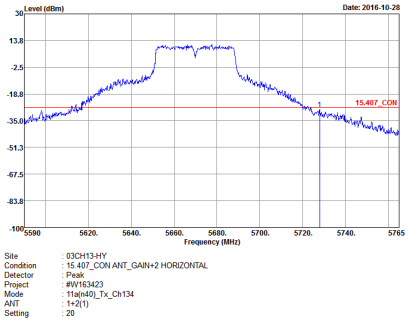
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT40 CH102 5510MHz - L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT40 CH102 5510MHz - R	
1+2(1)	Band Edge	Fundamental
Peak		Left blank

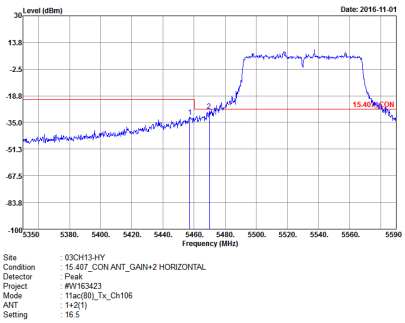
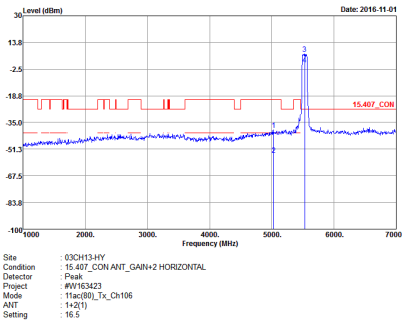
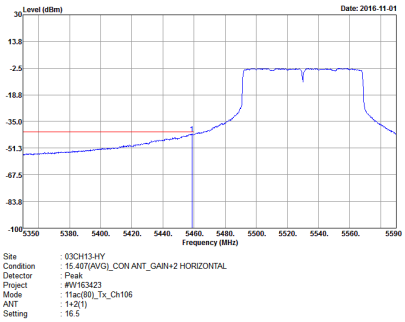
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT40 CH110 5550MHz - L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

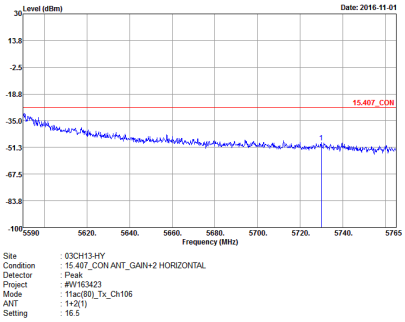
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT40 CH110 5550MHz - R	
1+2(1)	Band Edge	Fundamental
Peak		Left blank

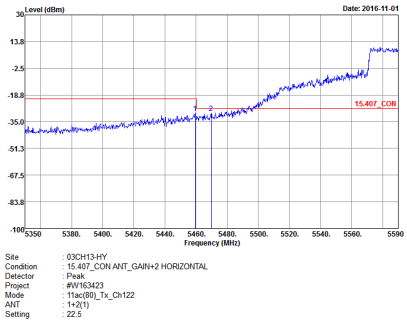
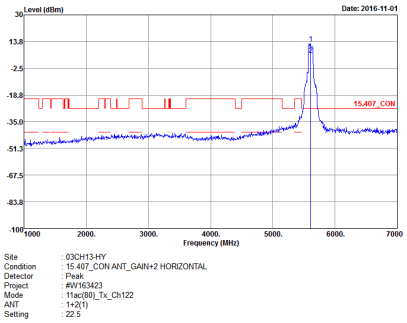
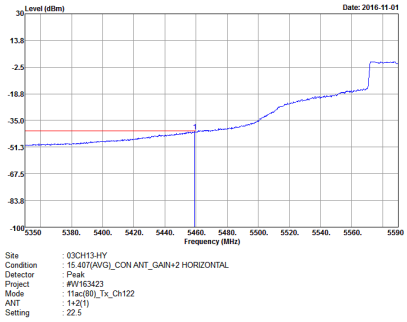
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT40 CH134 5670MHz - L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

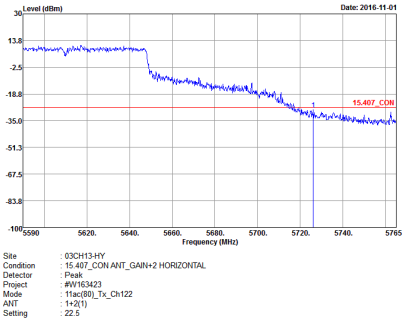
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT40 CH134 5670MHz - R	
1+2(1)	Band Edge	Fundamental
Peak		Left blank

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

WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

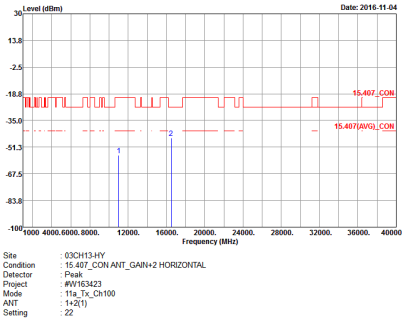
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1+2(1)	Band Edge	Fundamental
Peak	 Site : 03CH13-HY Condition : 15.407_CON ANT_GAIN+2 HORIZONTAL Detector : Peak Project : #W163423 Mode : 11ac(80)_Tx_Ch106 ANT : 1+2(1) Setting : 16.5	Left blank

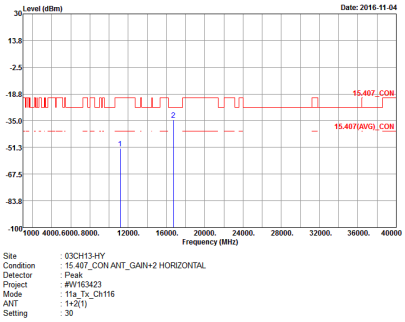
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1+2(1)	Band Edge	Fundamental
Peak		
Avg.		Left blank

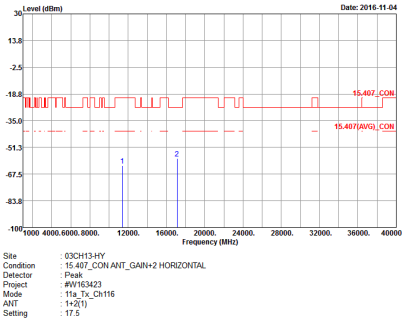
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1+2(1)	Band Edge	Fundamental
Peak		Left blank

Band 3 - 5470~5725MHz

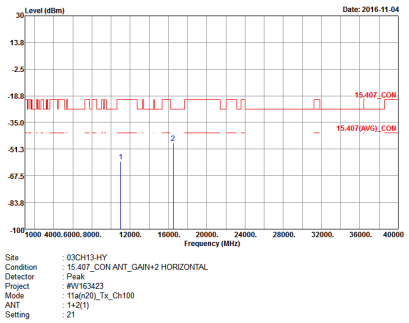
WIFI 802.11a (Harmonic)

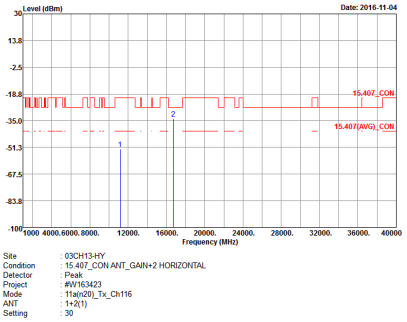
WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11a CH100 5500MHz	
1+2(1)		
Peak Avg.		Left blank

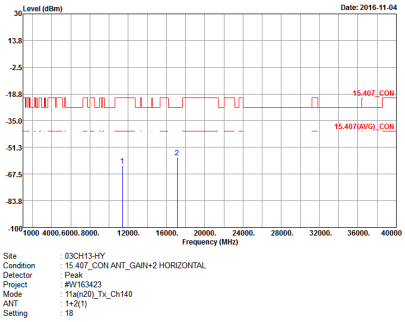
WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11a CH116 5580MHz	
1+2(1)		
Peak Avg.		Left blank

WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11a CH140 5700MHz	
1+2(1)		
Peak Avg.		Left blank

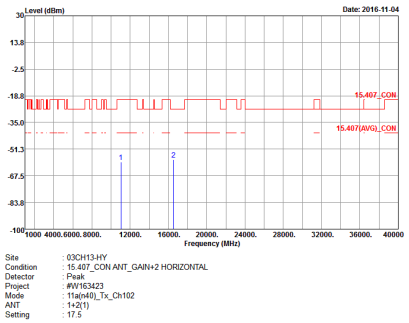
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Harmonic)

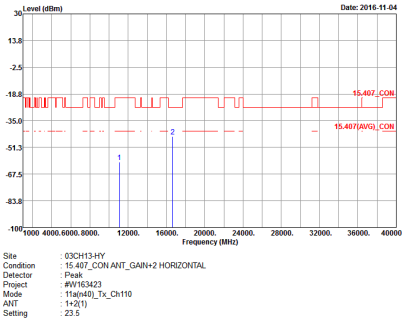
WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11n HT20 CH100 5500MHz	
1+2(1)		
Peak Avg.		Left blank

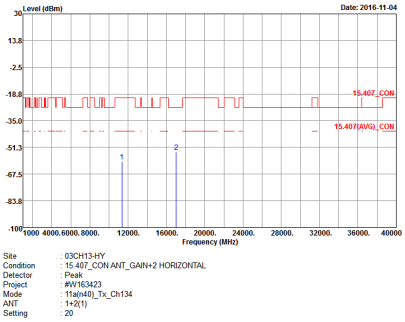
WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11n HT20 CH116 5580MHz	
1+2(1)		
Peak Avg.		Left blank

WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11n HT20 CH140 5700MHz	
1+2(1)		
Peak Avg.		Left blank

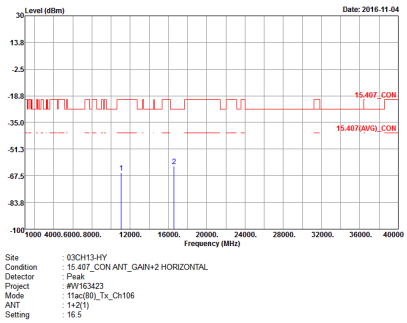
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Harmonic)

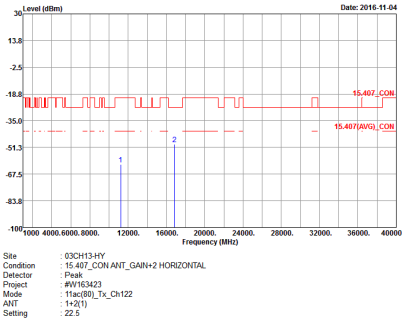
WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11n HT40 CH102 5510MHz	
1+2(1)		
Peak Avg.		Left blank

WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11n HT40 CH110 5550MHz	
1+2(1)		
Peak Avg.	 Site : 03CH13-HY Condition : 15.407_CON ANT_GAIN+2 HORIZONTAL Detector : Peak Project : #W163423 Mode : 11a(n40)_Tx_Ch110 ANT : 1+2(1) Setting : 23.5	Left blank

WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11n HT40 CH134 5670MHz	
1+2(1)		
Peak Avg.		Left blank

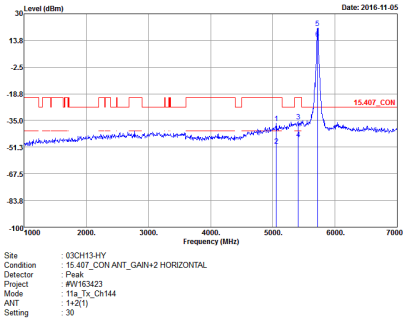
Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic)

WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11ac VHT80 CH106 5530MHz	
1+2(1)		
Peak Avg.		Left blank

WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11ac VHT80 CH122 5610MHz	
1+2(1)		
Peak Avg.		Left blank

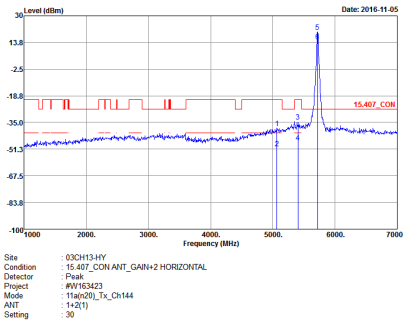
Band 3 - Straddle Channel

WIFI 802.11a (Fundamental)

WIFI	Band 3 Straddle Channel Fundamental	
ANT	802.11a CH144 5720MHz	
1+2(1)		Fundamental
Peak Avg.	Left blank	

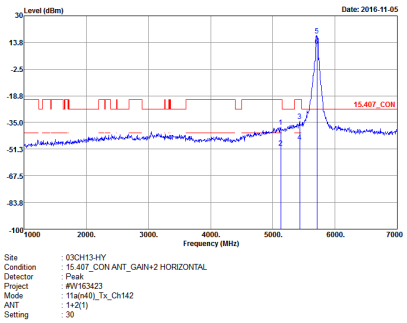
Band 3 – Straddle Channel

WIFI 802.11n HT20 (Fundamental @ 3m)

WIFI	Band 3 Straddle Channel Fundamental	
ANT	802.11n HT20 CH144 5720MHz	
1+2(1)		Fundamental
Peak Avg.	Left blank	

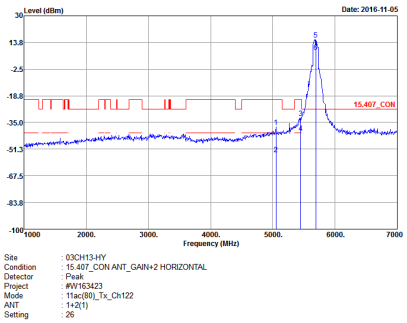
Band 3 – Straddle Channel

WIFI 802.11n HT40 (Fundamental @ 3m)

WIFI	Band 3 Straddle Channel Fundamental	
ANT	802.11n HT40 CH142 5710MHz	
1+2(1)		Fundamental
Peak Avg.	Left blank	

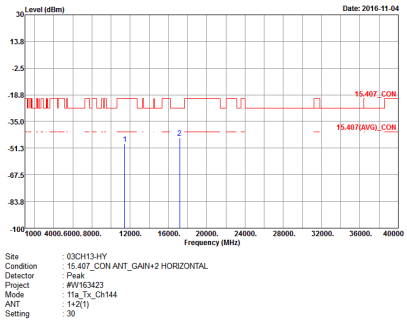
Band 3 – Straddle Channel

WIFI 802.11ac VHT80 (Fundamental @ 3m)

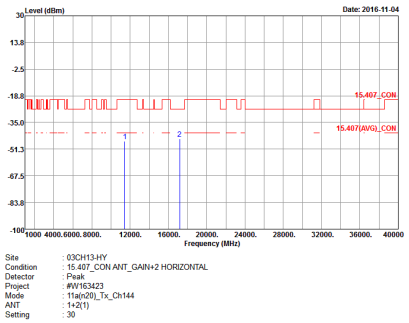
WIFI	Band 3 Straddle Channel Fundamental	
ANT	802.11ac VHT80 CH138 5690MHz	
1+2(1)		Fundamental
Peak Avg.	Left blank	

Band 3 - Straddle Channel

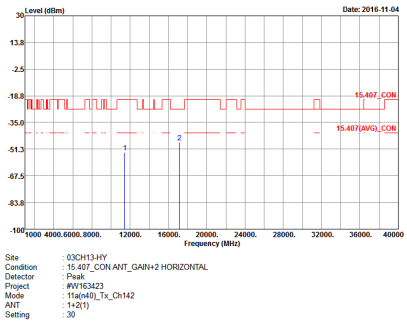
WIFI 802.11a (Harmonic)

WIFI	Band 3 Straddle Channel Harmonic	
ANT	802.11a CH144 5720MHz	
1+2(1)		
Peak Avg.		Left blank

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

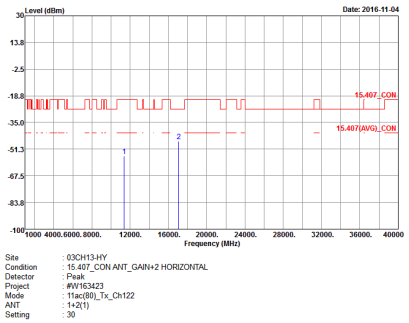
WIFI	Band 3 Straddle Channel Harmonic	
ANT	802.11n HT20 CH144 5720MHz	
1+2(1)		
Peak Avg.		Left blank

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

WIFI	Band 3 Straddle Channel Harmonic	
ANT	802.11n HT40 CH142 5710MHz	
1+2(1)		
Peak Avg.		Left blank

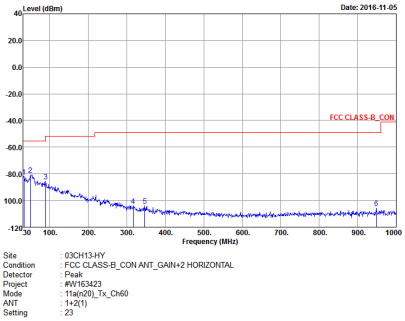
Band 3 – Straddle Channel

WIFI 802.11ac VHT80 (Harmonic)

WIFI	Band 3 Straddle Channel Harmonic	
ANT	802.11ac VHT80 CH138 5690MHz	
1+2(1)		
Peak Avg.		Left blank

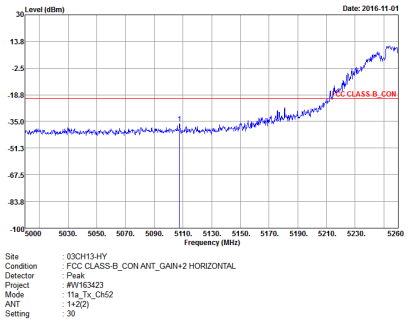
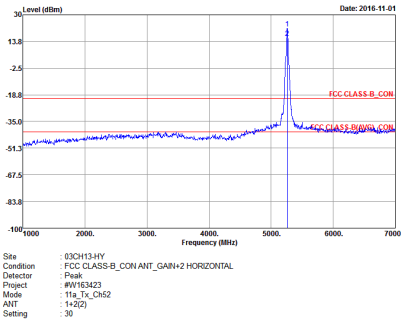
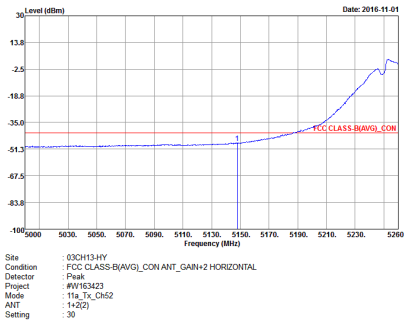
Emission below 1GHz

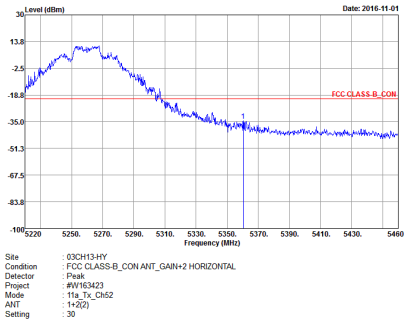
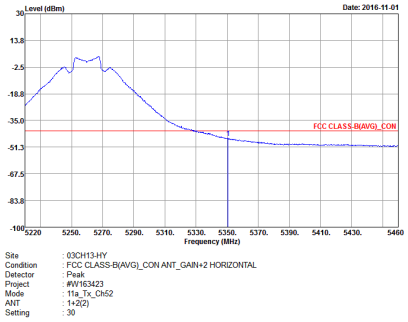
5GHz WIFI 802.11n HT20 (LF)

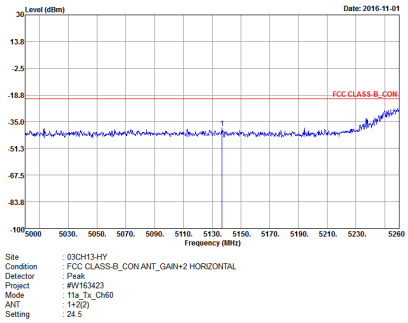
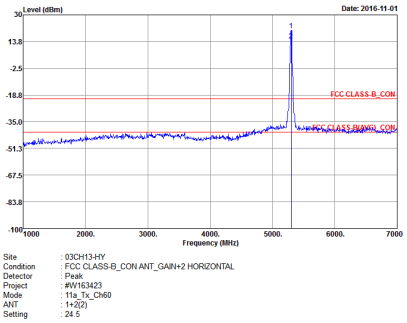
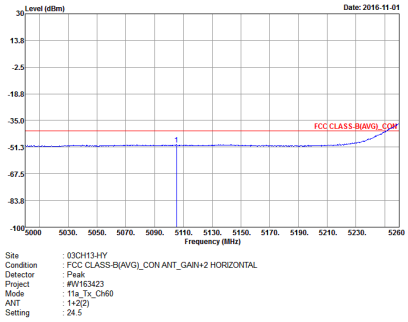
WIFI	5GHz WIFI	
ANT	802.11n HT20 LF	
1+2(1)		
QP / Peak		Left blank

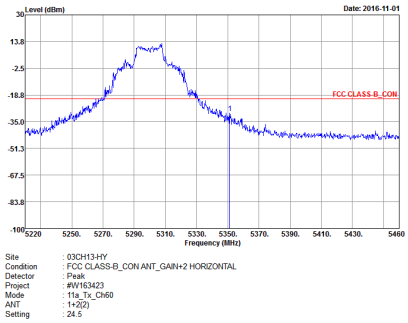
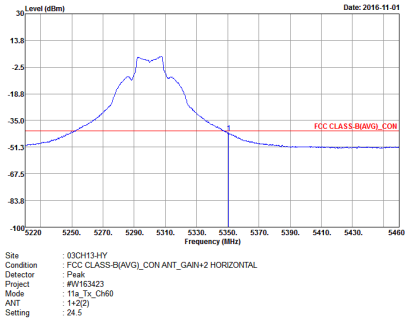
Band 2 - 5250~5350MHz

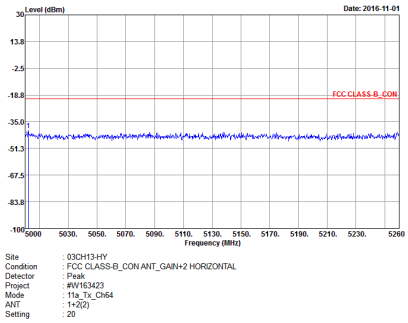
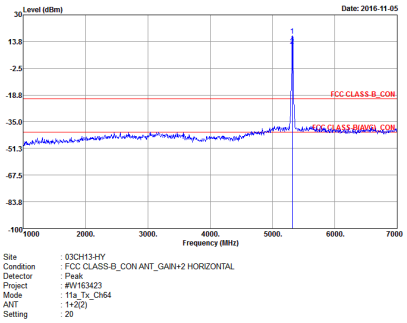
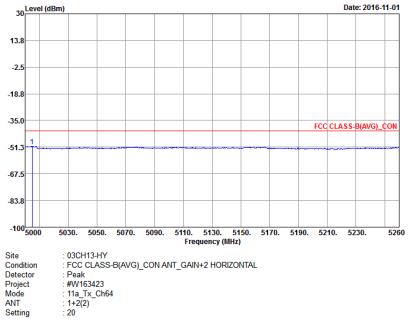
WIFI 802.11a (Band Edge)

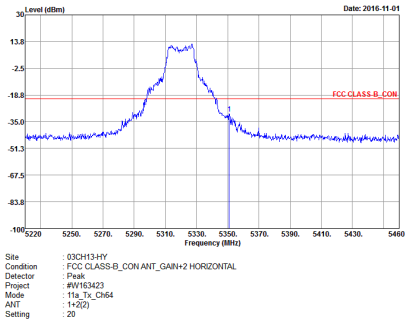
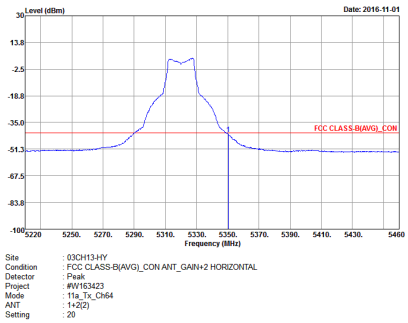
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11a CH52 5260MHz - L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11a CH52 5260MHz - R	
1+2(2)	Band Edge	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11a CH60 5300MHz - L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

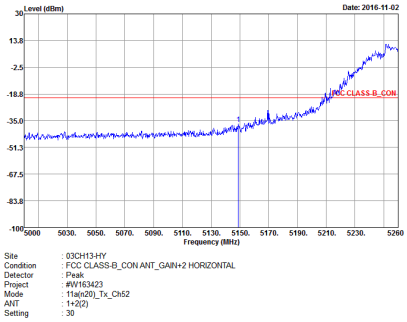
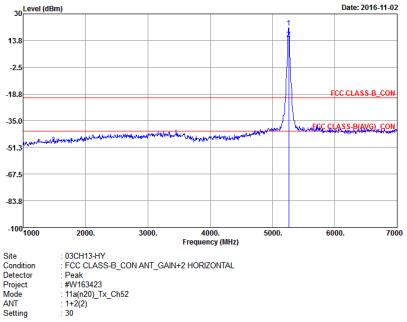
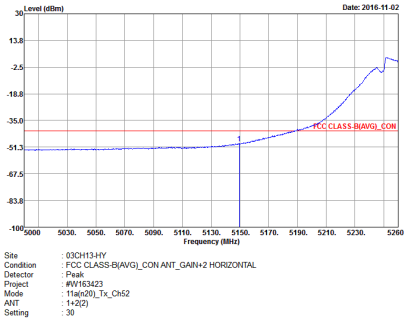
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11a CH60 5300MHz - R	
1+2(2)	Band Edge	Fundamental
Peak		Left blank
Avg.		Left blank

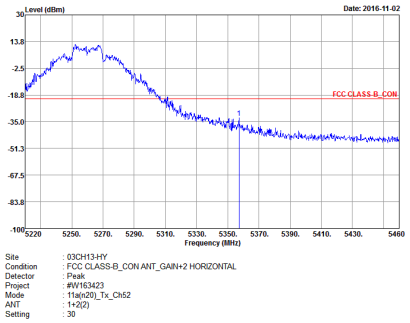
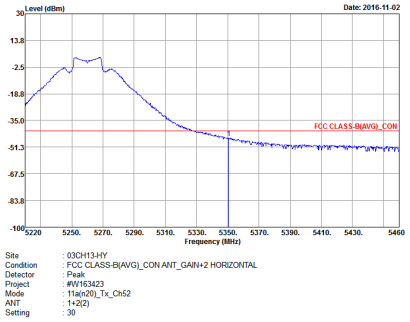
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11a CH64 5320MHz - L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

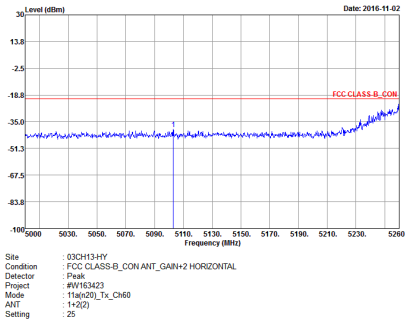
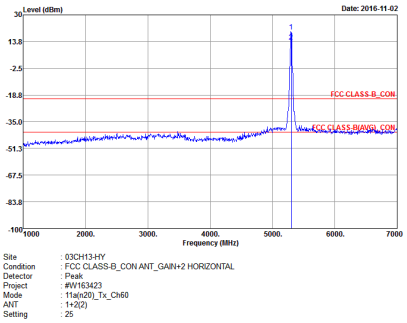
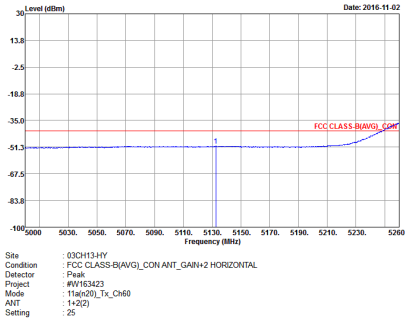
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11a CH64 5320MHz - R	
1+2(2)	Band Edge	Fundamental
Peak		Left blank
Avg.		Left blank

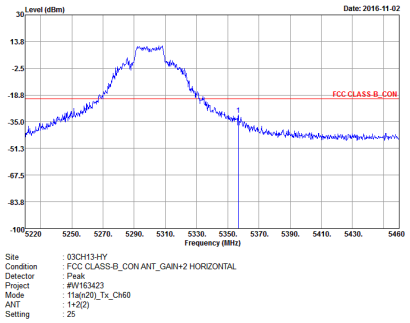
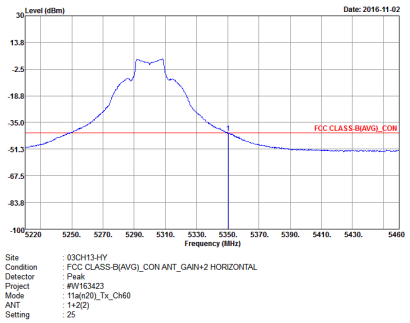
Band 2 5250~5350MHz

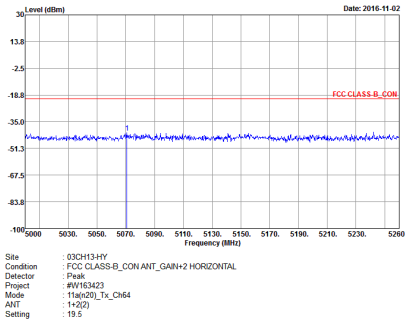
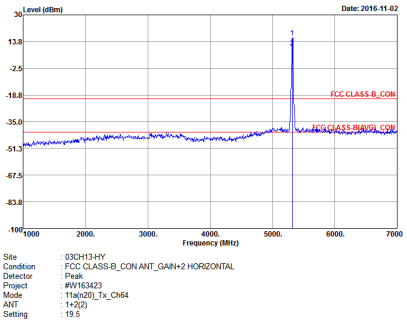
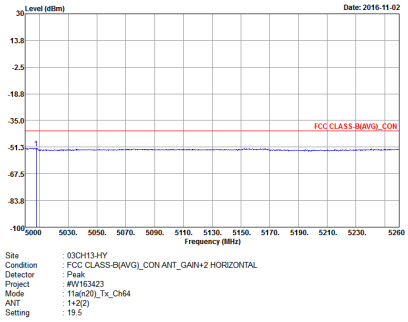
WIFI 802.11n HT20 (Band Edge)

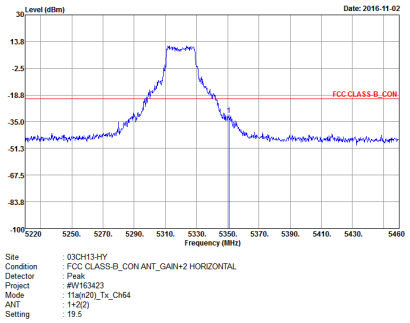
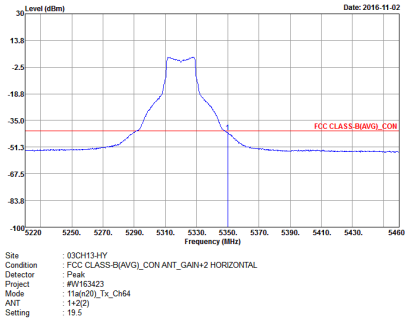
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT20 CH52 5260MHz - L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT20 CH52 5260MHz - R	
1+2(2)	Band Edge	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT20 CH60 5300MHz - L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

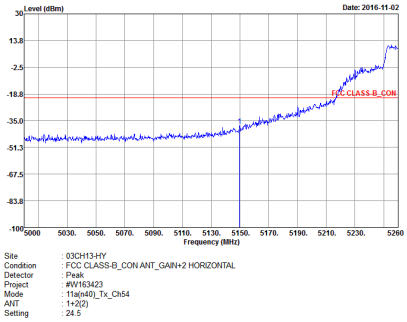
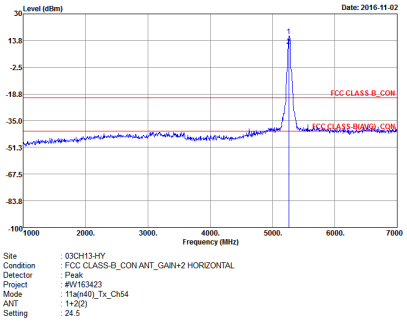
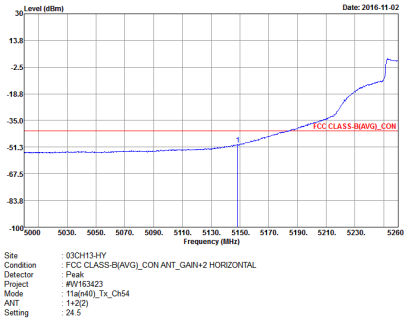
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT20 CH60 5300MHz - R	
1+2(2)	Band Edge	Fundamental
Peak		Left blank
Avg.		Left blank

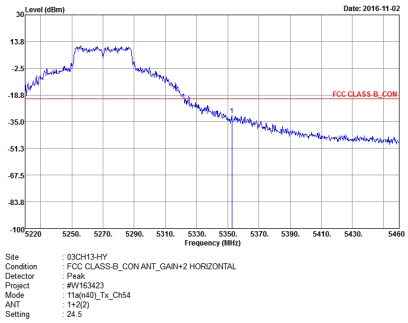
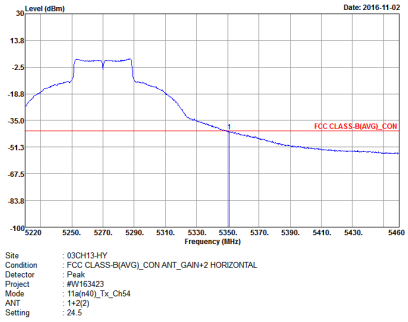
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT20 CH64 5320MHz - L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

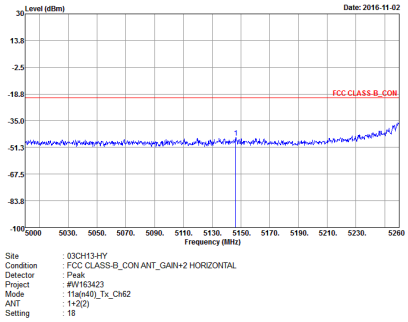
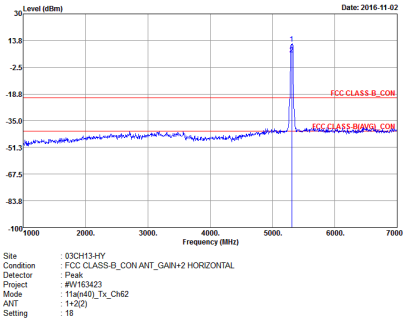
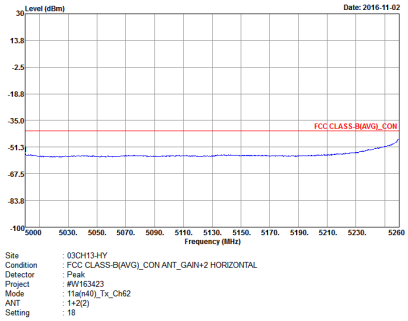
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT20 CH64 5320MHz - R	
1+2(2)	Band Edge	Fundamental
Peak		Left blank
Avg.		Left blank

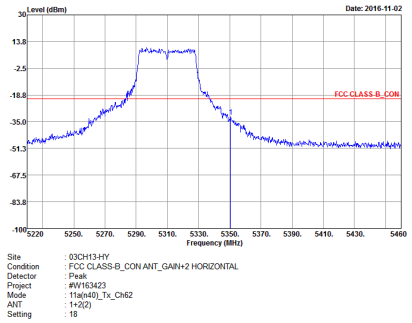
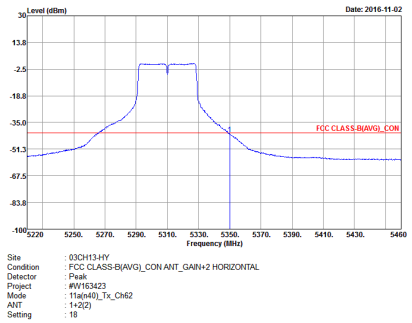
Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge)

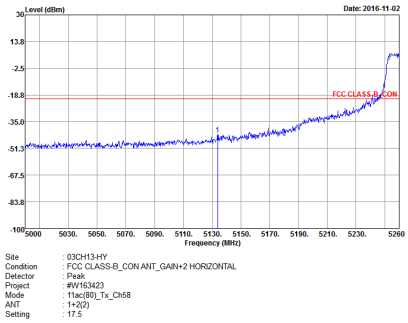
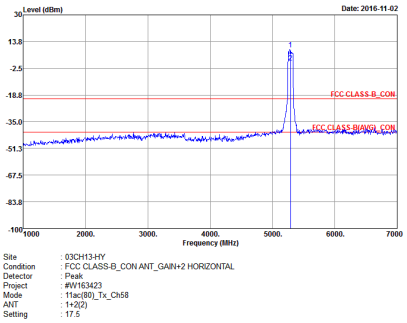
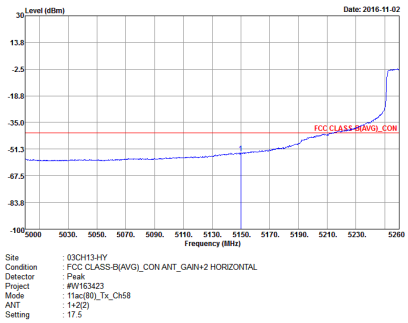
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT40 CH54 5270 - L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

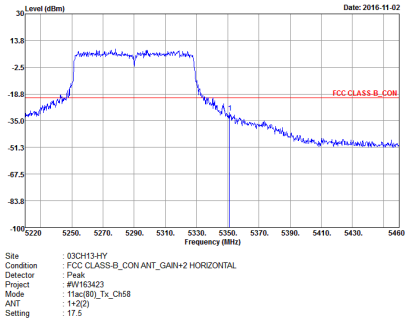
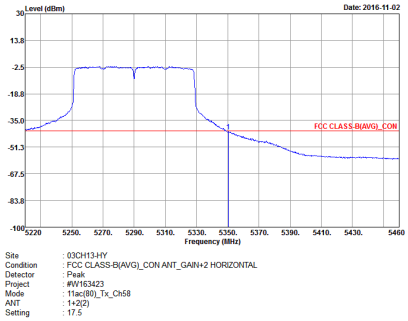
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT40 CH54 5270 - R	
1+2(2)	Band Edge	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT40 CH62 5310 - L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11n HT40 CH62 5310 - R	
1+2(2)	Band Edge	Fundamental
Peak		Left blank
Avg.		Left blank

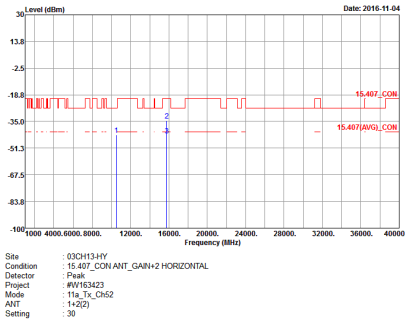
WIFI 802.11ac VHT80 (Band Edge)

WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

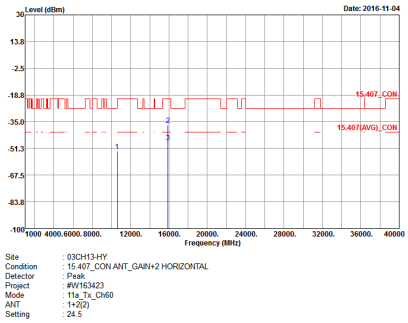
WIFI	Band 2 5250~5350MHz Band Edge	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1+2(2)	Band Edge	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 - 5250~5350MHz

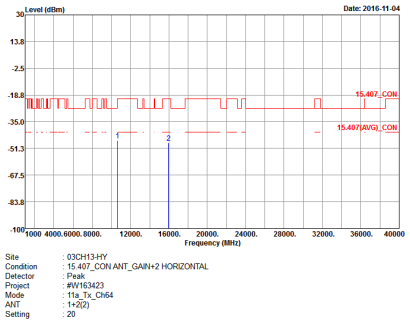
WIFI 802.11a (Harmonic)

WIFI	Band 2 5250~5350MHz Harmonic	
ANT	802.11a CH52 5260MHz	
1+2(2)		
Peak Avg.		Left blank

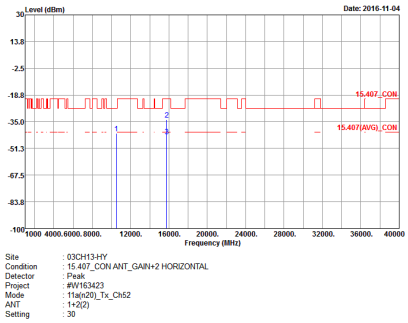
WIFI 802.11a (Harmonic)

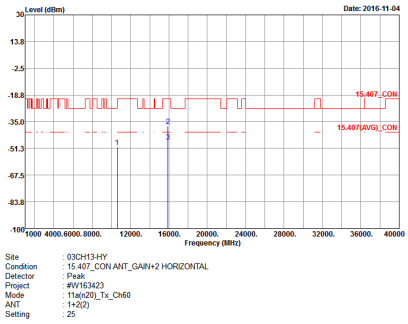
WIFI	Band 2 5250~5350MHz Harmonic	
ANT	802.11a CH60 5300MHz	
1+2(2)		
Peak Avg.		Left blank

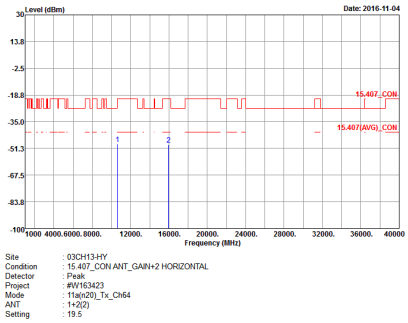
WIFI 802.11a (Harmonic)

WIFI	Band 2 5250~5350MHz Harmonic	
ANT	802.11a CH64 5320MHz	
1+2(2)		
Peak Avg.		Left blank

WIFI 802.11n HT20 (Harmonic)

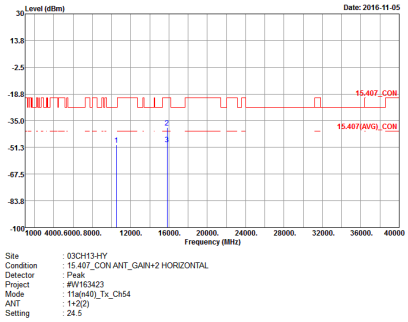
WIFI	Band 2 5250~5350MHz Harmonic	
ANT	802.11n HT20 CH52 5260MHz	
1+2(2)		
Peak Avg.		Left blank

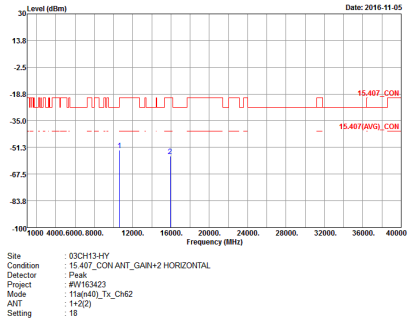
WIFI	Band 2 5250~5350MHz Harmonic	
ANT	802.11n HT20 CH60 5300MHz	
1+2(2)		
Peak Avg.		Left blank

WIFI	Band 2 5250~5350MHz Harmonic	
ANT	802.11n HT20 CH64 5320MHz	
1+2(2)		
Peak Avg.		Left blank

Band 2 5250~5350MHz

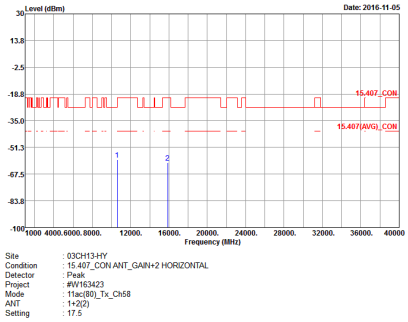
WIFI 802.11n HT40 (Harmonic)

WIFI	Band 2 5250~5350MHz Harmonic	
ANT	802.11n HT40 CH54 5270	
1+2(2)		
Peak Avg.		Left blank

WIFI	Band 2 5250~5350MHz Harmonic	
ANT	802.11n HT40 CH62 5310	
1+2(2)		
Peak Avg.		Left blank

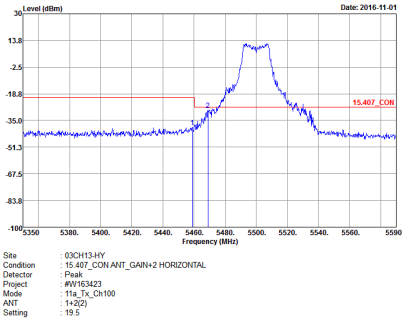
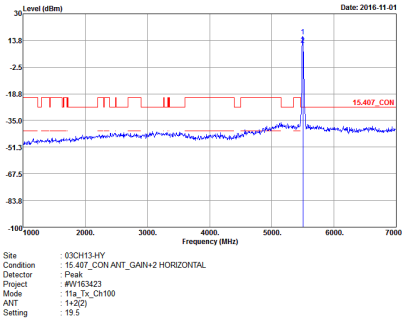
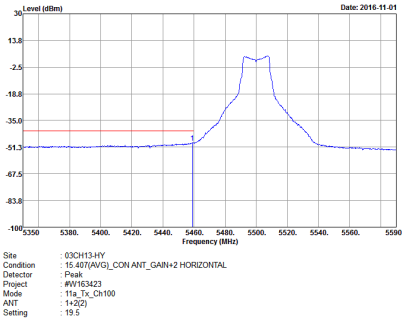
Band 2 5250~5350MHz

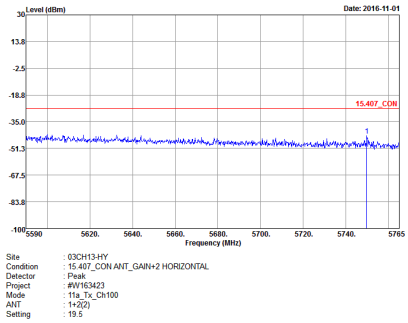
WIFI 802.11ac VHT80 (Harmonic)

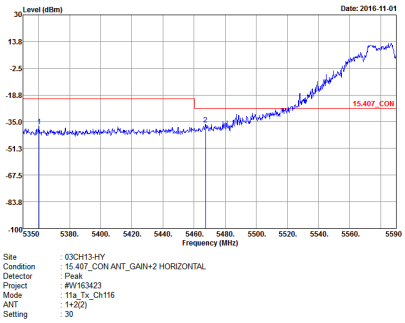
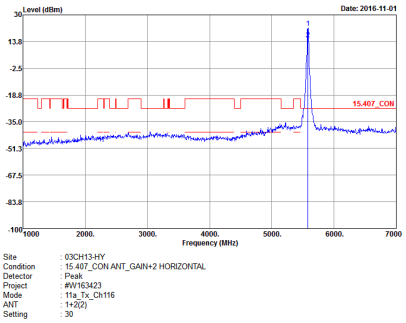
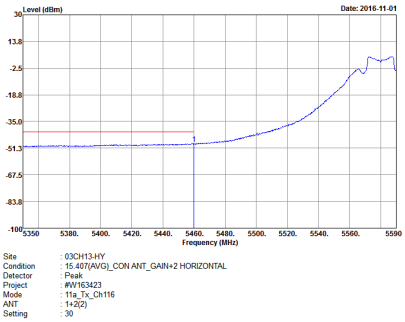
WIFI	Band 2 5250~5350MHz Harmonic	
ANT	802.11ac VHT80 CH58 5290MHz	
1+2(2)		
Peak Avg.		Left blank

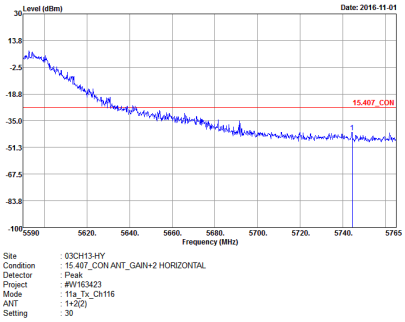
Band 3 - 5470~5725MHz

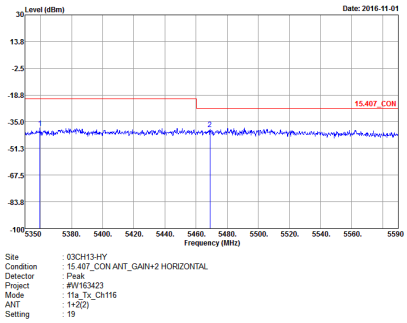
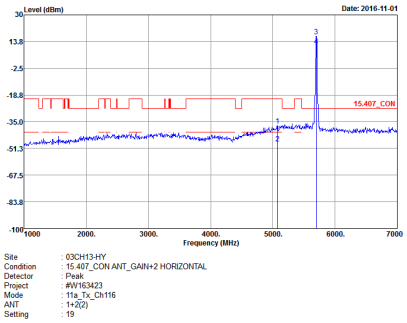
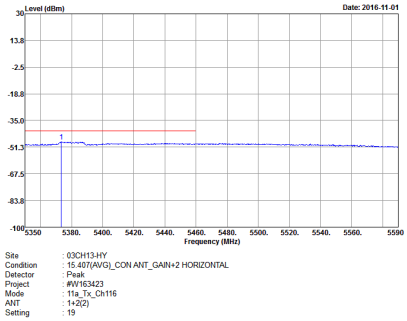
WIFI 802.11a (Band Edge)

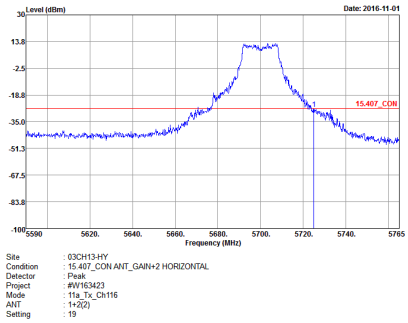
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11a CH100 5500MHz -L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11a CH100 5500MHz -R	
1+2(2)	Band Edge	Fundamental
Peak		Left blank

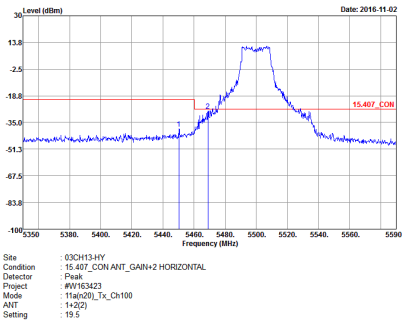
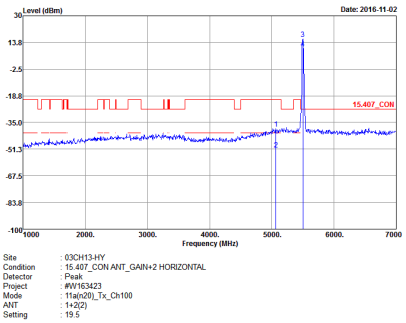
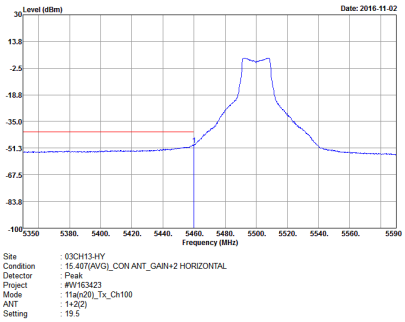
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11a CH116 5580MHz - L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

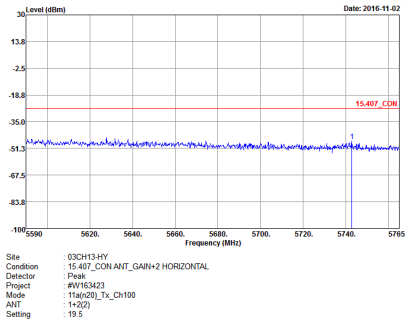
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11a CH116 5580MHz - R	
1+2(2)	Band Edge	Fundamental
Peak		Left blank

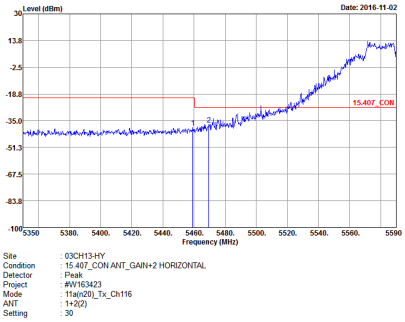
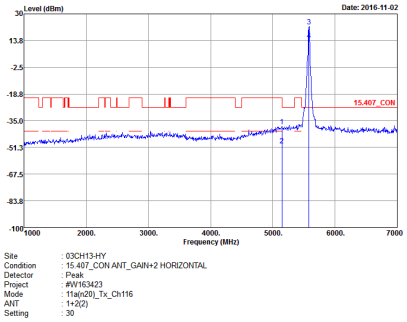
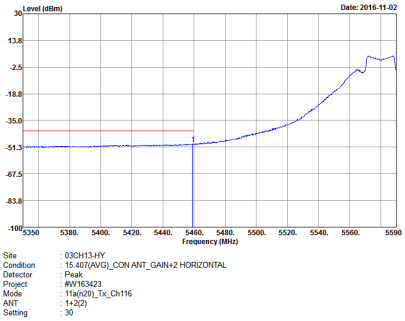
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11a CH140 5700MHz -L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

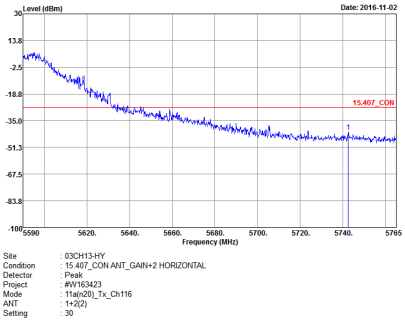
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11a CH140 5700MHz -R	
1+2(2)	Band Edge	Fundamental
Peak		Left blank

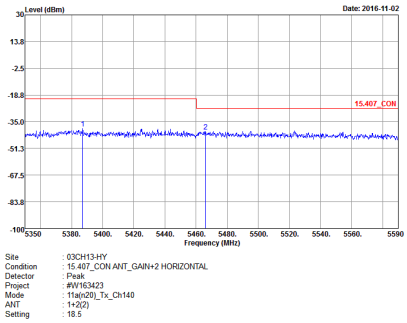
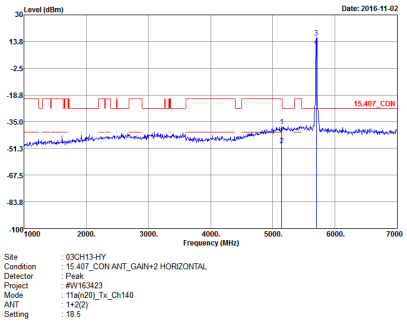
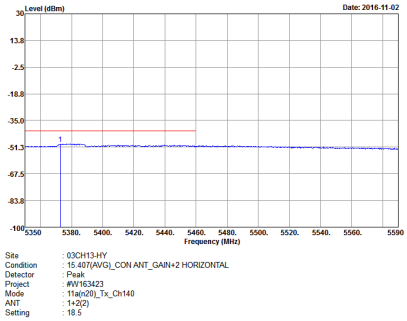
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge)

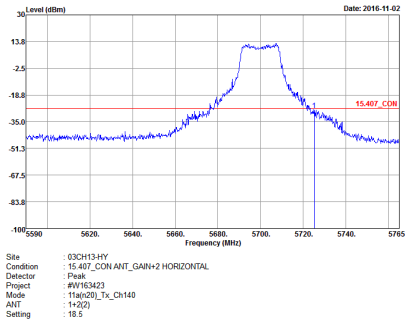
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT20 CH100 5500MHz -L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT20 CH100 5500MHz -R	
1+2(2)	Band Edge	Fundamental
Peak		Left blank

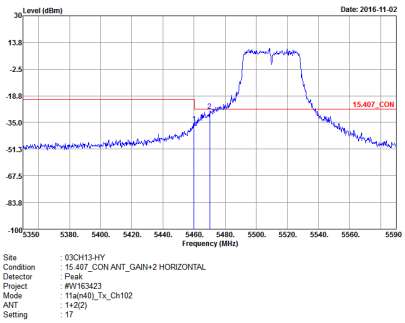
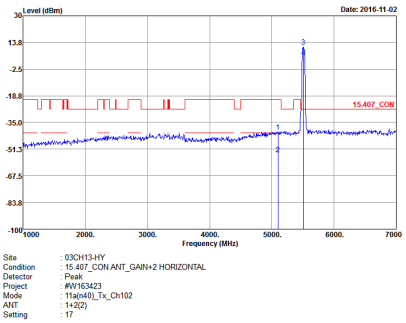
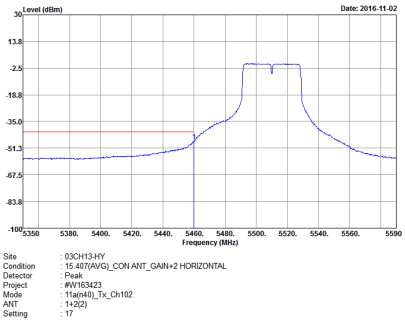
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT20 CH116 5580MHz - L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

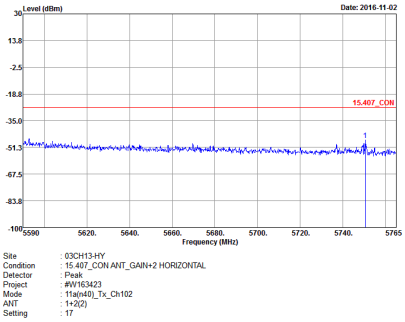
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT20 CH116 5580MHz - R	
1+2(2)	Band Edge	Fundamental
Peak		Left blank

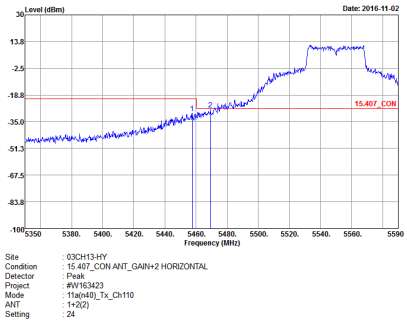
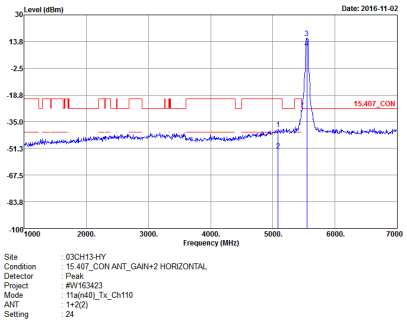
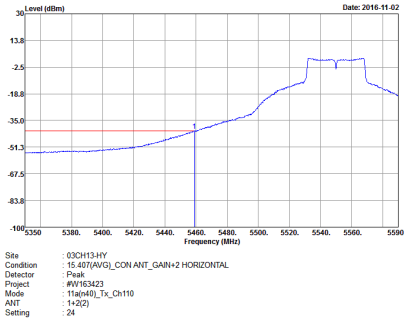
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT20 CH140 5700MHz -L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

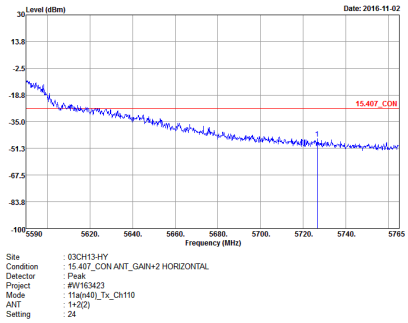
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT20 CH140 5700MHz -R	
1+2(2)	Band Edge	Fundamental
Peak.		Left blank

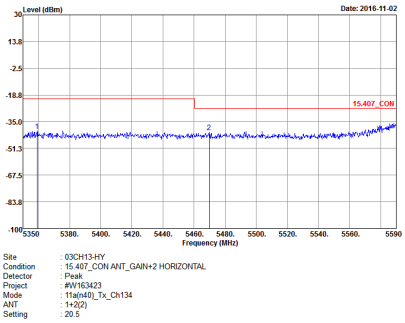
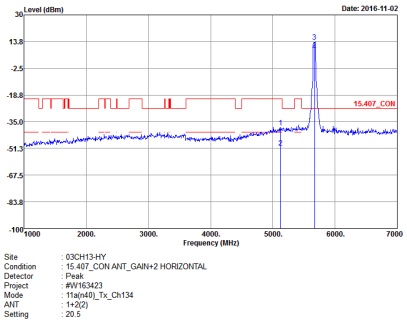
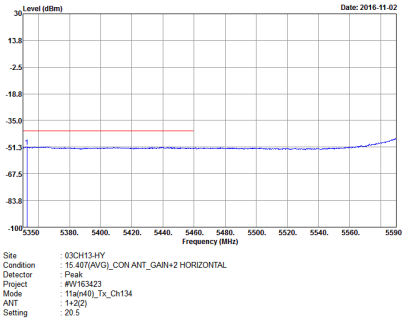
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge)

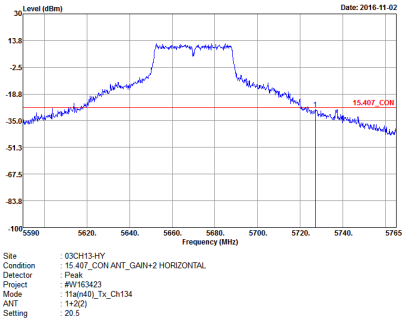
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT40 CH102 5510MHz - L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT40 CH102 5510MHz - R	
1+2(2)	Band Edge	Fundamental
Peak		Left blank

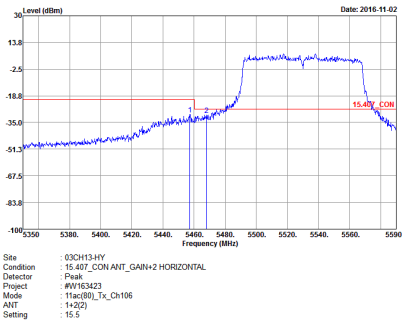
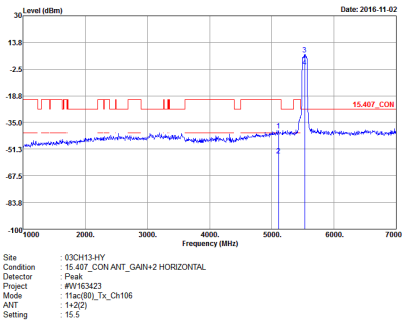
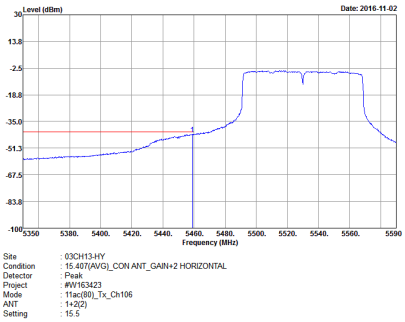
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT40 CH110 5550MHz - L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

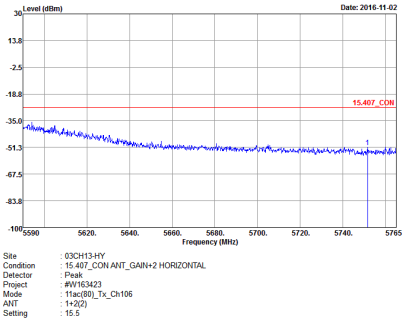
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT40 CH110 5550MHz - R	
1+2(2)	Band Edge	Fundamental
Peak		Left blank

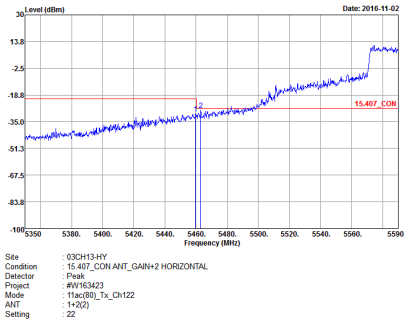
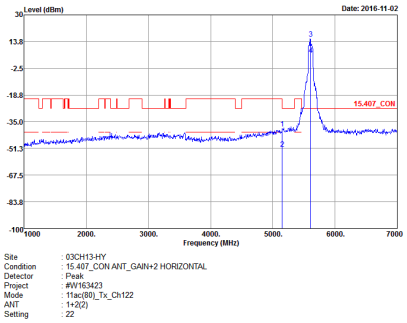
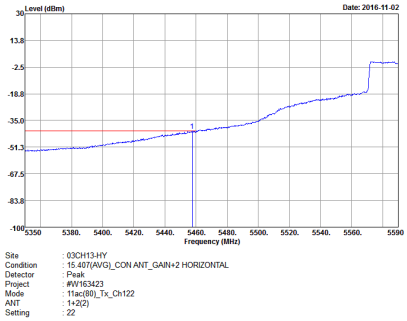
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT40 CH134 5670MHz - L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

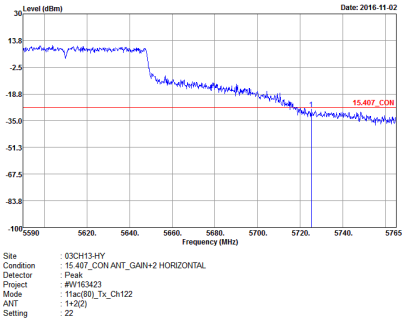
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11n HT40 CH134 5670MHz - R	
1+2(2)	Band Edge	Fundamental
Peak		Left blank

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

WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

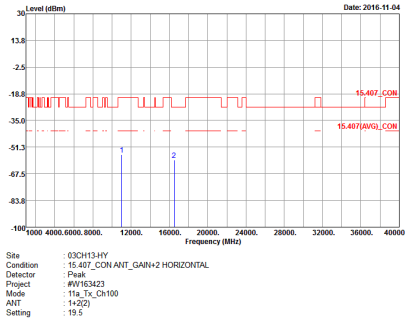
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1+2(2)	Band Edge	Fundamental
Peak		Left blank

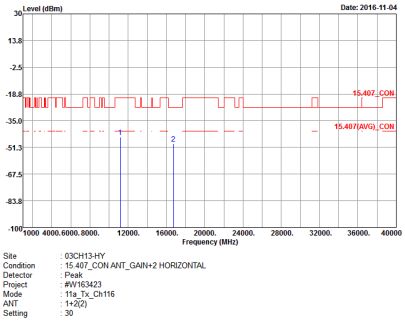
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1+2(2)	Band Edge	Fundamental
Peak		
Avg.		Left blank

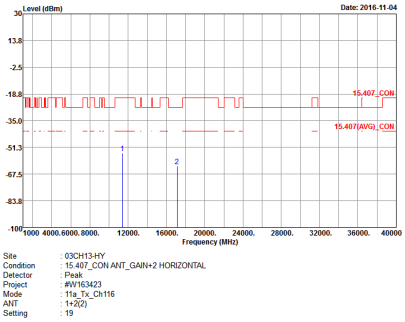
WIFI	Band 3 5470~5725MHz Band Edge	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1+2(2)	Band Edge	Fundamental
Peak		Left blank

Band 3 - 5470~5725MHz

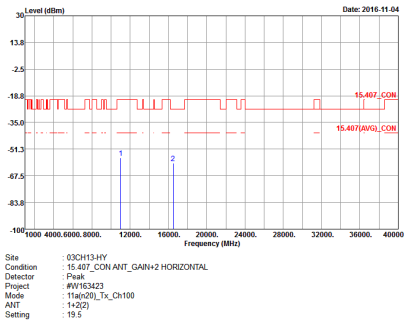
WIFI 802.11a (Harmonic)

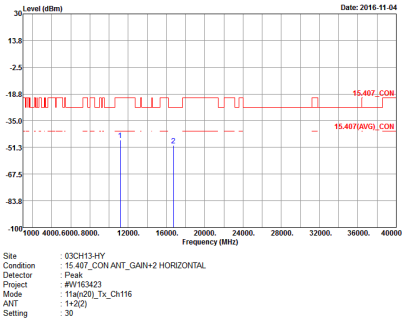
WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11a CH100 5500MHz	
1+2(2)		
Peak Avg.		Left blank

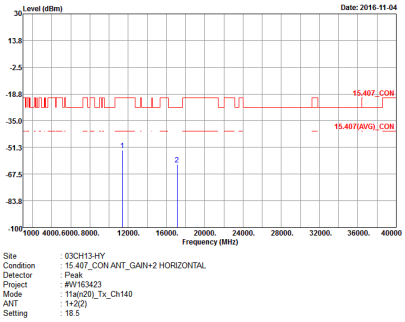
WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11a CH116 5580MHz	
1+2(2)		
Peak Avg.		Left blank

WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11a CH140 5700MHz	
1+2(2)		
Peak Avg.		Left blank

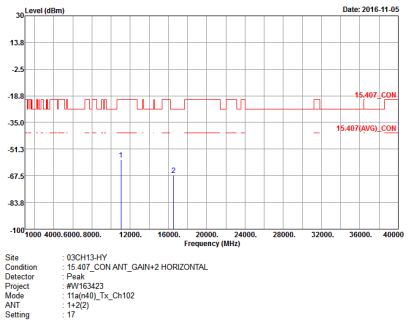
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Harmonic)

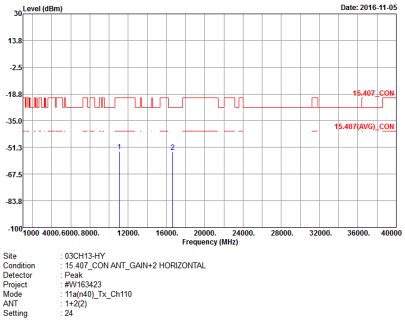
WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11n HT20 CH100 5500MHz	
1+2(2)		
Peak Avg.		Left blank

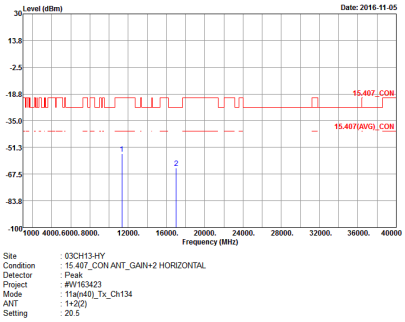
WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11n HT20 CH116 5580MHz	
1+2(2)		
Peak Avg.		Left blank

WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11n HT20 CH140 5700MHz	
1+2(2)		
Peak Avg.		Left blank

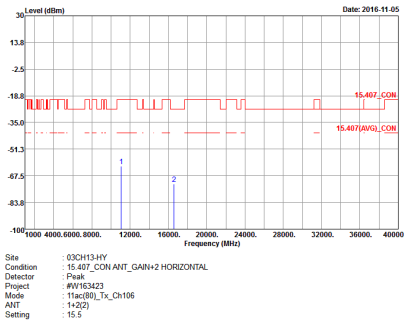
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Harmonic)

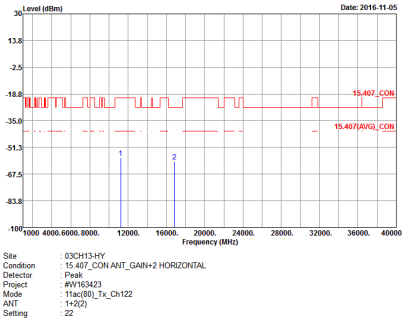
WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11n HT40 CH102 5510MHz	
1+2(2)		
Peak Avg.		Left blank

WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11n HT40 CH110 5550MHz	
1+2(2)		
Peak Avg.	 Site : 03CH13-HY Condition : 15.407_CON ANT_GAIN+2 HORIZONTAL Detector : Peak Project : #W163423 Mode : 11a(n40)_Tx_Ch110 ANT : 1+2(2) Setting : 24	Left blank

WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11n HT40 CH134 5670MHz	
1+2(2)		
Peak Avg.		Left blank

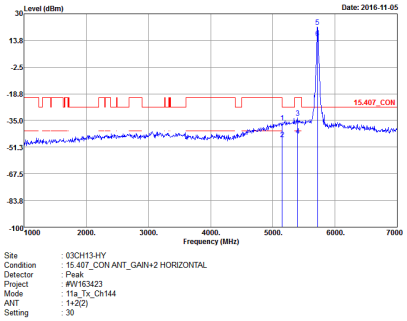
Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic)

WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11ac VHT80 CH106 5530MHz	
1+2(2)		
Peak Avg.		Left blank

WIFI	Band 3 5470~5725MHz Harmonic	
ANT	802.11ac VHT80 CH122 5610MHz	
1+2(2)		
Peak Avg.		Left blank

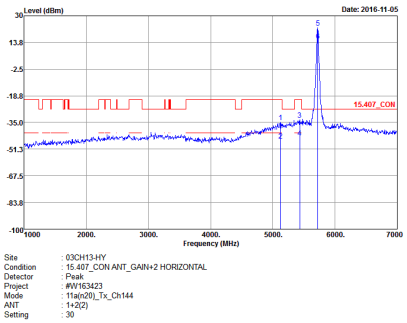
Band 3 - Straddle Channel

WIFI 802.11a (Fundamental)

WIFI	Band 3 Straddle Channel Fundamental	
ANT	802.11a CH144 5720MHz	
1+2(2)		Fundamental
Peak Avg.	Left blank	

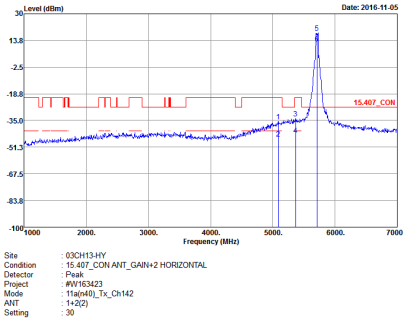
Band 3 – Straddle Channel

WIFI 802.11n HT20 (Fundamental @ 3m)

WIFI	Band 3 Straddle Channel Fundamental	
ANT	802.11n HT20 CH144 5720MHz	
1+2(2)		Fundamental
Peak Avg.	Left blank	

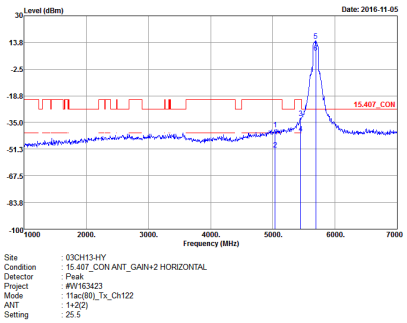
Band 3 – Straddle Channel

WIFI 802.11n HT40 (Fundamental @ 3m)

WIFI	Band 3 Straddle Channel Fundamental	
ANT	802.11n HT40 CH142 5710MHz	
1+2(2)		Fundamental
Peak Avg.	Left blank	

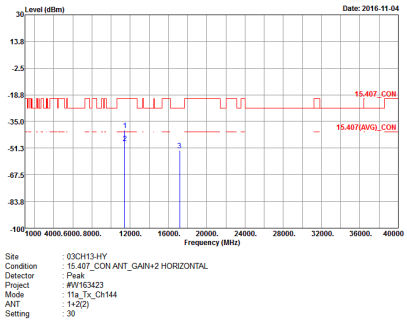
Band 3 – Straddle Channel

WIFI 802.11ac VHT80 (Fundamental @ 3m)

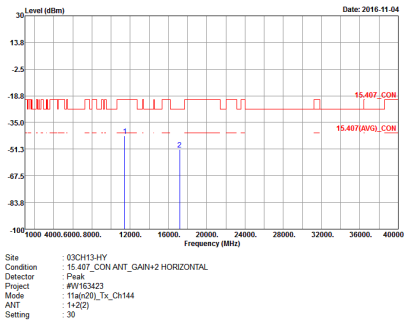
WIFI	Band 3 Straddle Channel Fundamental	
ANT	802.11ac VHT80 CH138 5690MHz	
1+2(2)		Fundamental
Peak Avg.	Left blank	

Band 3 - Straddle Channel

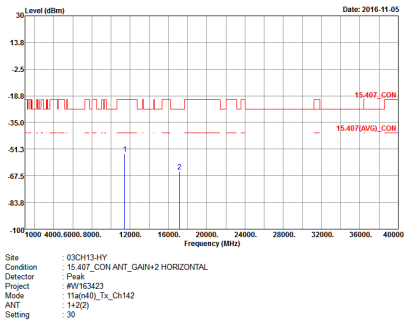
WIFI 802.11a (Harmonic)

WIFI	Band 3 Straddle Channel Harmonic	
ANT	802.11a CH144 5720MHz	
1+2(2)		
Peak Avg.		Left blank

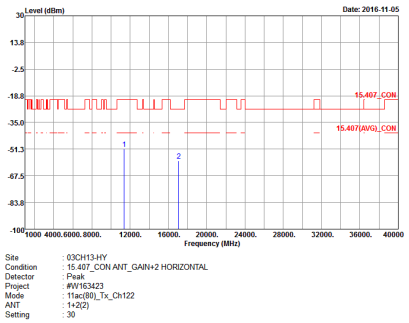
Band 3 – Straddle Channel
WIFI 802.11n HT20 (Harmonic)

WIFI	Band 3 Straddle Channel Harmonic	
ANT	802.11n HT20 CH144 5720MHz	
1+2(2)		
Peak Avg.		Left blank

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

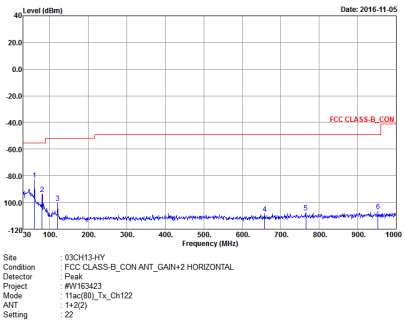
WIFI	Band 3 Straddle Channel Harmonic	
ANT	802.11n HT40 CH142 5710MHz	
1+2(2)		
Peak Avg.		Left blank

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

WIFI	Band 3 Straddle Channel Harmonic	
ANT	802.11ac VHT80 CH138 5690MHz	
1+2(2)		
Peak Avg.		Left blank

Emission below 1GHz

5GHz WIFI 802.11ac VHT80 (LF)

WIFI	5GHz WIFI	
ANT	802.11ac VHT80 LF	
1+2(2)		
QP / Peak		Left blank