Band Allocation Overlap and IM2 IM3 Freq Calculator User Manual

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除了freq overlap原本功能之外, 你還可以做更多事

新增

WiFi 2.4G

WiFi 5G

GSM

GNSS

In Band Table

一鍵分析

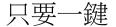
All possible IM2 IM3 freq攻擊到

特定band的Rx

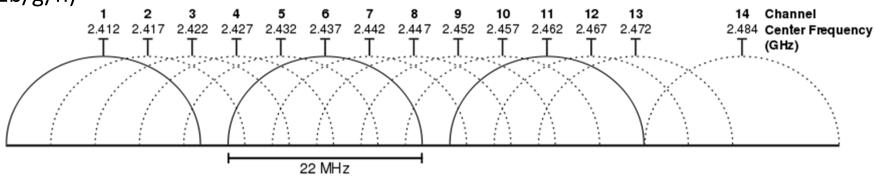
一鍵分析

GNSS Rx受哪兩個band

Tx IM2 IM3攻擊



2.4 GHz (802.11b/g/n)

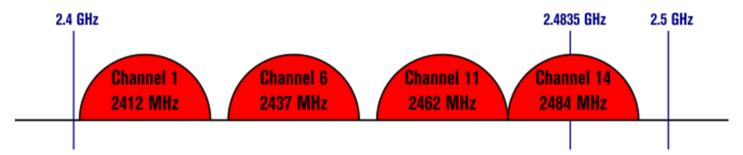


		Frequen	cy (MHz)	
Channel	F - 10	Center	F + 10	Area
1	2402	2412	2422	
2	2407	2417	2427	
3	2412	2422	2432	
4	2417	2427	2437	
5	2422	2432	2442	
6	2427	2437	2447	
7	2432	2442	2452	
8	2437	2447	2457	
9	2442	2452	2462	
10	2447	2457	2467	
11	2452	2462	2472	
12	2457	2467	2477	
13	2462	2472	2482	
14	2474	2484	2494	Japan

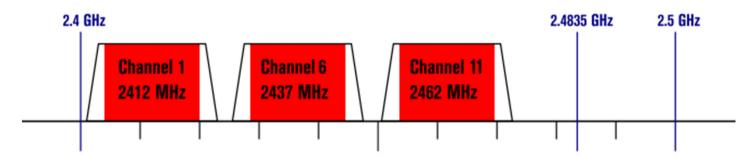
Transmission can be on a 22MHz (802.11b), 20MHz (802.11g/n), or 40MHz (802.11n) wide channel

Non-Overlapping Channels for 2.4 GHz WLAN

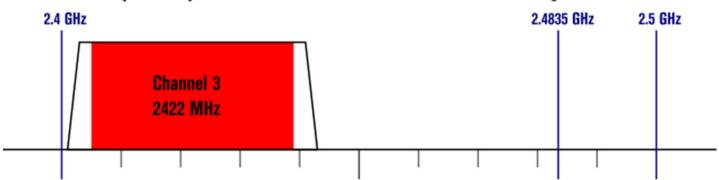
802.11b (DSSS) channel width 22 MHz



802.11g/n (OFDM) 20 MHz ch. width - 16.25 MHz used by sub-carriers



802.11n (OFDM) 40 MHz ch. width - 33.75 MHz used by sub-carriers

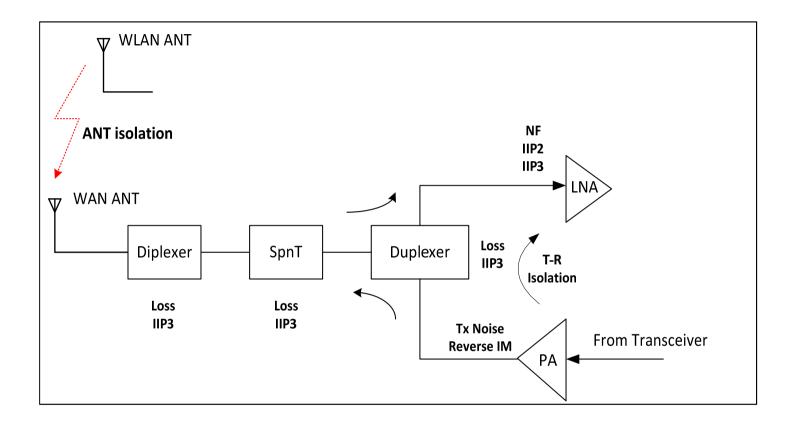


5 GHz (802.11 a/n)

Charanal	Fre	quency (M	Hz)
Channel	F - 10	Center	F + 10
36	5170	5180	5190
40	5190	5200	5210
44	5210	5220	5230
48	5230	5240	5250
52	5250	5260	5270
56	5270	5280	5290
60	5290	5300	5310
64	5310	5320	5330
100	5490	5500	5510
104	5510	5520	5530
108	5530	5540	5550
112	5550	5560	5570
116	5570	5580	5590
120	5590	5600	5610
124	5610	5620	5630
128	5630	5640	5650
132	5650	5660	5670
136	5670	5680	5690
140	5690	5700	5710
144	5710	5720	5730
149	5735	5745	5755
153	5755	5765	5775
157	5775	5785	5795
161	5795	5805	5815
165	5815	5825	5835

Transmission can be on a 20 or 40MHz (802.11a/n), or 80 MHz (802.11ac) wide channel

Case1. B7 + WLAN 2.4G



以前找IM3 2f2 - f1都要key 一堆channel, 然後EXCEL找

		~ □	/		£ 0*0	h . 🗆 a do	_								
		C7	▼ (<i>f</i> ≈ =2*3	\$A7-C\$2									
_4	Α	В	С	D	E	F	G	Н		J	K	L	M	N	0
1	LTE B7		WLAN 2.4	G											
2	TX	RX	2412	2417	2422	2427	2432	2437	2442	2447	2452	2457	2462	2467	2472
3	2500	2620	2588	2583	2578	2573	2568	2563	2558	2553	2548	2543	2538	2533	2528
4	2505	2625	2598	2593	2588	2583	2578	2573	2568	2563	2558	2553	2548	2543	2538
5	2510	2630	2608	2603	2598	2593	2588	2583	2578	2573	2568	2563	2558	2553	2548
6	2515	2635	2618	2613	2608	2603	2598	2593	2588	2583	2578	2573	2568	2563	2558
7	2520	2640	2628	2623	2618	2613	2608	2603	2598	2593	2588	2583	2578	2573	2568
8	2525	2645	2638	2633	2628	2623	2618	2613	2608	2603	2598	2593	2588	2583	2578
9	2530	2650	2648	2643	2638	2633	2628	2623	2618	2613	2608	2603	2598	2593	2588
10	2535	2655	2658	2653	2648	2643	2638	2633	2628	2623	2618	2613	2608	2603	2598
11	2540	2660	2668	2663	2658	2653	2648	2643	2638	2633	2628	2623	2618	2613	2608
12	2545	2665	2678	2673	2668	2663	2658	2653	2648	2643	2638	2633	2628	2623	2618
13	2550	2670	2688	2683	2678	2673	2668	2663	2658	2653	2648	2643	2638	2633	2628
14	2555	2675	2698	2693	2688	2683	2678	2673	2668	2663	2658	2653	2648	2643	2638
15	2560	2680	2708	2703	2698	2693	2688	2683	2678	2673	2668	2663	2658	2653	2648
16	2565	2685	2718	2713	2708	2703	2698	2693	2688	2683	2678	2673	2668	2663	2658
17	2570	2690	2728	2723	2718	2713	2708	2703	2698	2693	2688	2683	2678	2673	2668

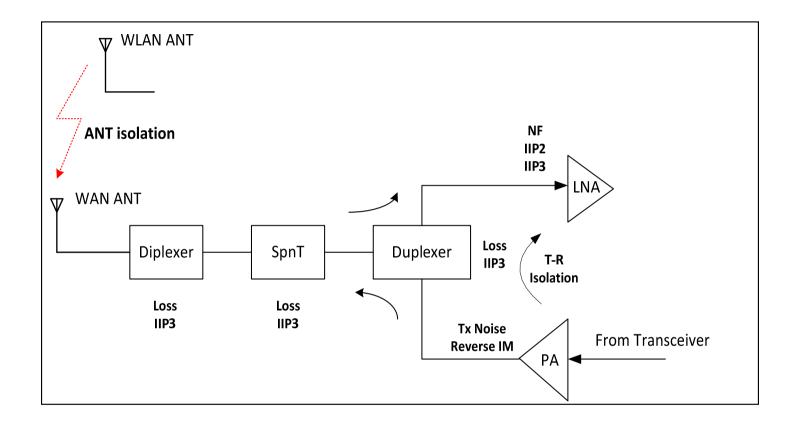
WiFi 2.4G有1-14個channel, 輸入w1.....w14 or

Shar	myah & Jay i	s so handsome!		X跟Y的範圍: LTE band: 參照B CDMA band: 參與	麗Band_Table					輸入Band X>	7	\	1.輸入Band
				Ex. LTE band1, \$\frac{\pi}{4}\$ wifi_2.4G; WiFi !				入w1 - w14	or	輸入Band Y>	w7		2.輸入Band
	U	Iplink (Tx)	Do	ownlink (Rx)	Scheme		narmonic	Tx 3rd i	narmonic	Guard band>	0		3.輸入guard band
Unit		MHz		MHz		М	Hz	M	Hz		<i>3.</i>		
Band	Tx, low	Tx, high	Rx, low	Rx, high			2*(Tx, high)		3*(Tx, high)		4. 點此[開始分析!	
'	2500.0	2570.0	2620.0	2690.0	FDD	5000.0	5140.0	7500.0	7710.0				
v7	2432.0	2452.0	2432.0	2452.0	TDD	4864.0	4904.0	7296.0	7356.0				
Band		Band	1st						N				
	Rx被		2nd		Tx打中? (請	考慮guard b	oand)		N	Safe!!!			
7		w7	3rd			N			Jaicin				
Band		Band	1st			N			N				
Dallu	— Rx被	Dallu	2nd		Tx打中?(請	打中? (請考慮guard band)				Safe!!!			
w7	TA LEC	7				• • • • • • • • • • • • • • • • • • • •			Sale				
•••			3rd			N							
7	Rx被	7	2H Tx and	w7	Tx	ı	M3打中? (2f	1-f2 or 2f2-f	1)	Υ			
7	Rx被	w7	2H Tx and	7	Tx	ı	M3打中? (2f	1-f2 or 2f2-f	1)	N			
				_									
w7	Rx被	w7	2H Tx and	7	Tx	ı	M3打中? (2f	1-f2 or 2f2-f	1)	N			
w7	Rx被	7	2H Tx and	w7	Tx	ı	M3打中? (2f	1-f2 or 2f2-f	1)	N			
7	Rx被	7	Tx and	w7	2H Tx	II	M3打中?(f1	-2f2 or f2-2f	1)	N			
7	Rx被	w7	Tx and	7	2H Tx	li li	M3打中? (f1	-2f2 or f2-2f:	1)	N			
w7	Rx被	w7	Tx and	7	2H Tx	II	M3打中?(f1	-2f2 or f2-2f	1)	N			
7	p., ldr	7	Ty and	7	2U To	1842************************************				NI			

一個一個 channel設太麻煩,你也可以直接輸入 wifi_2.4G

				v na v Mr discon								1 4	
				X限Y的範圍: LTE band: 參照Ba	and Table					輸入Band X>	7		1.草
Shamu	ah & Jay	is so handsome!		CDMA band: 參照	_]	4037 (Barra 7)		\ _	
Shally	un & Juy	is so nunusonie:		Ex. LTE band1,		n Mariano	witi a 46 🏙	11114	or.	輸入Band Y 之.	-: C 2.40	/	2.
				wifi_2.4G; WiFi 5				W1 - W14	OI	馴八Band Y≯•	WITI_2.4G	\	
				WIII_2.4d, WII13	G #B/(W30 -)	VIOS OF WITE	.50			6 11 1			#
		Uplink (Tx)	Do	ownlink (Rx)		Tx 2nd	harmonic	Tx 3rd I	armonic	Guard band>	0	 \] 3.≢
					Scheme								
Unit		MHz		MHz			1Hz		Hz		. ML II 00 I		
Band	Tx, low	Tx, high	Rx, low	Rx, high	500	2*(Tx, low)	2*(Tx, high)	3*(Tx, low)	3*(Tx, high)		4. 點此開	始分析!	
/	2500.0	2570.0	2620.0	2690.0	FDD	5000.0	5140.0	7500.0	7710.0				
wifi_2.4G	2402.0	2494.0	2402.0	2494.0	TDD	4804.0	4988.0	7206.0	7482.0				
Band		Band	1st						N				
Dallu		Dallu			- 4T-bay@#	ate day				Cafalli			_
	Rx被		2nd		Tx打中? (請	名庫guard I	band)		N	Safe!!!			
7		wifi_2.4G	3rd						N				
		_											-
Band		Band	1st						N				
	Rx被		2nd		Tx打中? (請	老唐mard I	hand)		N	Safe!!!			
		_	Zilu		יידי ננאו (אום	~5 µaguaru i	banuj		IV	Saie!!!			
wifi_2.4G		7	3rd						N				_
													-
		_											
7	Rx被	7	2H Tx and	wifi_2.4G	Tx	'	IM3打中? (2f	1-f2 or 2f2-f	1)	Υ			
				_									_
7	Rx被	wifi 2.4G	2H Tx and	7	Tx		IM3打中? (2f	1-f2 or 2f2-f	1)	N			
_ •				•						••			
													_
wifi_2.4G	Rx被	wifi 2 /G	2H Tx and	7	Tx		IM3打中? (2f	1-f2 or 2f2-f	1)	Υ			_
WIII_2.40		WIII_2.40		•					'	•			
2 40	n 3ds	_			_		n eath tha car						
wifi_2.4G	KX (R	7	2H IX and	wifi_2.4G	Tx	'	IM3打中? (2f	1-12 or 212-1	1)	N			
		_	_										
7	Rx被	7	Tx and	wifi_2.4G	2H Tx	'	M3打中? (f1	-2f2 or f2-2f	1)	N			
													_
7	Rx被	wifi 2.4G	Tx and	7	2H Tx	ı	M3打中? (f1	-2f2 or f2-2f	1)	N			
		270		•									

Case2. B4 + WLAN 5G



同理 WLAN 5G 124 channel or

	Shamy	yah & Jay i	is so handsome!		X跟Y的範圍: LTE band: 參照B CDMA band: 參照		ı				輸 入Band X>	4		1.輪
		,			Ex. LTE band1, #	入1; CDMA BC			入w1 - w14	or	輸入Band Y> 2.	w124		2.輸
		ι	Iplink (Tx)	Do	ownlink (Rx)	Scheme		harmonic	Tx 3rd h	armonic	Guard band>	0	\leftarrow	3.輸
	Unit		MHz		MHz		M	IHZ	М	Hz				
	Band	Tx, low	Tx, high	Rx, low	Rx, high		2*(Tx, low)	2*(Tx, high)	3*(Tx, low)	3*(Tx, high)		4. 點此開	始分析!	
x	4	1710.0	1755.0	2110.0	2155.0	FDD	3420.0	3510.0	5130.0	5265.0				
Y	w124	5610.0	5630.0	5610.0	5630.0	TDD	11220.0	11260.0	16830.0	16890.0				
	Band		Band	1 st						N				
		Rx被	404	2nd		Tx打中? (請	考慮guard I	band)		N	Safe!!!			
	4		w124	3rd						N				
	Band		Band	1st						N				
		Rx被		2nd		Tx打中? (請	考慮guard I	band)		N	Safe!!!			
	w124		4	3rd						N	Jaicin			
	4	Rx被	4	2H Tx and	w124	Tx	1	M3打中? (2f	1-f2 or 2f2-f	1)	N			
	4	Rx被	w124	2H Tx and	4	Tx	-	M3打中? (2f	1-f2 or 2f2-f:	1)	N			
	w124	Rx被	w124	2H Tx and	4	Tx	1	M3打中? (2f	1-f2 or 2f2-f	1)	N			
	w124	Rx被	4	2H Tx and	w124	Tx	1	M3打中? (2f	1-f2 or 2f2-f:	1)	N			
	4	Rx被	4	Tx and	w124	2H Tx	ı	M3打中?(f1	-2f2 or f2-2f1	1)	N			
	4	Rx被	w124	Tx and	4	2H Tx	ı	M3打中? (f1	-2f2 or f2-2f1	1)	Υ			

一個一個 channel設太麻煩, 你也可以直接輸入 wifi_5G

	Shamu	uah 9 lav	is so handsome!		X限Y的範圍: LTE band: 參照B CDMA band: 參原						輸入Band X>	4	
	Sharry	run & Juy i	s so nanasome:		Ex. LTE band1, wifi_2.4G; WiFi 5	入1; CDMA BC			入w1 - w14	or	輸入Band Y <i>外</i>	wifi_5G	
		ι	Iplink (Tx)	Do	wnlink (Rx)	Scheme	Tx 2nd l	harmonic	Tx 3rd I	narmonic	Guard band>	0	
\top	Unit		MHz		MHz		м	IHz	M	IHz			
	Band	Tx, low	Tx, high	Rx, low	Rx, high		2*(Tx, low)	2*(Tx, high)	3*(Tx, low)	3*(Tx, high)		4. 點此開	始分析!
4		1710.0	1755.0	2110.0	2155.0	FDD	3420.0	3510.0	5130.0	5265.0			
/ wi	fi_5G	5170.0	5835.0	5170.0	5835.0	TDD	10340.0	11670.0	15510.0	17505.0			
	Band		Band	1st						N			
\vdash		Rx被		2nd		Tx打中? (請:	考慮guard I	band)		N	Safe!!!		
	4		wifi_5G	3rd		N							
	Band		Band	1st						N			
\vdash		Rx被		2nd		Tx打中?(請:	考慮guard l	band)		N	Risky!!!		
١	wifi_5G		4	3rd						Y	Mokym		
_5	4	Rx被	4	2H Tx and	wifi_5G	Tx	ı	M3打中? (2f	1-f2 or 2f2-f	1)	N		
	4	Rx被	wifi_5G	2H Tx and	4	Tx	ı	M3打中? (2f	1-f2 or 2f2-f	1)	N		
_5	wifi_5G	Rx被	wifi_5G	2H Tx and	4	Тх	ı	M3打中? (2f	1-f2 or 2f2-f	1)	N		
•	wifi_5G	Rx被	4	2H Tx and	wifi_5G	Tx	ı	M3 打 中? (2f	1-f2 or 2f2-f	1)	N		
.7	4	Rx被	4	Tx and	wifi_5G	2H Tx	ı	M3打中? (f1	-2f2 or f2-2f	1)	N		
	4	Rx被	wifi_5G	Tx and	4	2H Tx	I	M3打中? (f1	-2f2 or f2-2f	1)	Y		

Case3. B13 + BC0

Sham	nyah & Jay i	s so handsome!		X服Y的範圍: LTE band: 參照B CDMA band: 參見 Ex. LTE band1, 載 wifi_2.4G; WiFi!	照Band_Table 入1; CDMA BC			入w1 - w14	or	輸入Band X> 輸入Band Y>	13 BC0
	u	lplink (Tx)	Do	wnlink (Rx)	Scheme		narmonic	Tx 3rd I	narmonic	Guard band>	0
Unit		MHz		MHz	Scheme	M	Hz	M	IHz		
Band	Tx, low	Tx, high	Rx, low	Rx, high	1	2*(Tx, low)	2*(Tx, high)	3*(Tx, low)	3*(Tx, high)		4. 點此開始
13	777.0	787.0	746.0	756.0	FDD	1554.0	1574.0	2331.0	2361.0		
BC0	815.0	849.0	860.0	894.0	FDD	1630.0	1698.0	2445.0	2547.0		
Band		Band	1st						N		
	Rx被		2nd		Tx打中? (請:	考慮guard I	oand)		N	Safe!!!	
13		BC0	3rd		N					Jaieiii	
Band		Band	1st						N		
	Rx被		2nd		Tx打中? (請:	考慮guard I	oand)		N	Safe!!!	
BC0		13	3rd						N	Jaiciii	
13	Rx被	13	2H Tx and	BC0	Tx	1	M3打中? (2f	1-f2 or 2f2-f	1)	Y	
13	Rx被	BC0	2H Tx and	13	Tx IM3打中? (2f1-f2 or 2f2-f1)					N	
BC0	Rx被	BC0	2H Tx and	13	13 Tx IM3打中? (2f1-f2 or 2f2-f1)					Y	
ВСО	Rx被	13	2H Tx and	BC0	Tx IM3打中? (2f1-f2 or 2f2-f1)					N	

Case4. B25 + B4

	Sham	nyah & Jay i	is so handsome!		X限Y的範圍: LTE band: 參照B CDMA band: 參與 Ex. LTE band1, 賴 wifi_2.4G; WiFi 5	麗Band_Table 入1; CDMA BC			ј λ w1 - w14	or	輸入Band X> 輸入Band Y>	25 4	
		ι	Jplink (Tx)	Do	ownlink (Rx)	Scheme	Tx 2nd i	narmonic	Tx 3rd h	narmonic	Guard band>	0	
\vdash	Unit		MHz		MHz	Julian	М	Hz	М	Hz			
	Band	Tx, low	Tx, high	Rx, low	Rx, high		2*(Tx, low)	2*(Tx, high)	3*(Tx, low)	3*(Tx, high)		4. 點此開始	始分析!
25		1850.0	1915.0	1930.0	1995.0	FDD	3700.0	3830.0	5550.0	5745.0			
4		1710.0	1755.0	2110.0	2155.0	FDD	3420.0	3510.0	5130.0	5265.0			
	Band		Band	1st						N			
		Rx被	_	2nd		Tx打中? (請:	考慮guard b	oand)		N	Safe!!!		
	25		4	3rd						N			
	Band		Band	1st						N			
		Rx被		2nd		Tx打中? (請:	老慮guard b	oand)		N	Safe!!!		
	4		25	3rd						N			
	25	Rx被	25	2H Tx and	4	Tx	ı	M3打中? (2f	1-f2 or 2f2-f	1)	Υ		
	25	Rx被	4	2H Tx and	25	Tx	ı	M3打中? (2f	1-f2 or 2f2-f	1)	N		
	4	Rx被	4	2H Tx and	25	Tx	ı	M3打中? (2f	1-f2 or 2f2-f	1)	N		
	4	Rx被	25	2H Tx and	4	Tx IM3打中? (2f1-f2 or 2f2-				1)	Υ		

你以為只有降嗎XD

往下拉

Case4. B25 + B4

一鍵分析 GNSS(GPS + Glonass + BeiDou + Galileo) Rx 被哪兩個Tx IM3攻擊到

Rx被	25	2H Tx and	4	Tx	IM3打中? (2f1-f2 or 2f2-f1)	N
Rx被	4	2H Tx and	25	Tx	IM3打中? (2f1-f2 or 2f2-f1)	Y
Rx被	25	Tx and	4	2H Tx	IM3打中? (f1-2f2 or f2-2f1)	N
Rx被	4	Tx and	25	2H Tx	IM3打中? (f1-2f2 or f2-2f1)	N
	Rx被 Rx被	Rx被 4 Rx被 25	Rx被 4 2H Tx and Rx被 25 Tx and	Rx被 4 2H Tx and 25 Rx被 25 Tx and 4	Rx被 4 2H Tx and 25 Tx Rx被 25 Tx and 4 2H Tx	Rx被 4 2H Tx and 25 Tx IM3打中? (2f1-f2 or 2f2-f1) Rx被 25 Tx and 4 2H Tx IM3打中? (f1-2f2 or f2-2f1)

Case5. SVLTE mode 遇到Dual Transmissions in AWS and PCS Bands攻擊GPS也找的到

Sham	vah & lav i	s so handsome!		X跟Y的範圍: LTE band: 參照B CDMA band: 參原		,				輸入Band X>	4
Silani,	yan a say i	o o nanasomer		Ex. LTE band1, \$\frac{\pi}{\pi}\$ wifi_2.4G; WiFi 5	入1; CDMA BC			入w1 - w14	or	輸入Band Y>	BC1
	U	lplink (Tx)	Do	ownlink (Rx)	Scheme	Tx 2nd	narmonic	Tx 3rd i	narmonic	Guard band>	0
Unit		MHz		MHz	Scheme	M	Hz	M	IHz		
Band	Tx, low	Tx, high	Rx, low	Rx, high		2*(Tx, low)	2*(Tx, high)	3*(Tx, low)	3*(Tx, high)		4. 點此開始
4	1710.0	1755.0	2110.0	2155.0	FDD	3420.0	3510.0	5130.0	5265.0		
BC1	1850.0	1910.0	1930.0	1990.0	FDD	3700.0	3820.0	5550.0	5730.0		
Band		Band	1st						N		
	Rx被		2nd		Tx打中?(請:	考慮guard I	oand)		N	Safe!!!	
4		BC1	3rd						N	Suiciii	
Band		Band	1st						N		
	Rx被		2nd		Tx打中? (請:	老慮guard l	oand)		N	Safe!!!	
BC1		4	3rd						N	Jaiciii	
_											

Case5. SVLTE mode 遇到Dual Transmissions in AWS and PCS Bands攻擊GPS也找的到

_							
4	Rx被	4	2H Tx and	BC1	Tx	IM3打中? (2f1-f2 or 2f2-f1)	N
4	Rx被	BC1	2H Tx and	4	Tx	IM3打中? (2f1-f2 or 2f2-f1)	Υ
BC1	Rx被	BC1	2H Tx and	4	Тх	IM3打中? (2f1-f2 or 2f2-f1)	Υ
BC1	Rx被	4	2H Tx and	BC1	Tx	IM3打中? (2f1-f2 or 2f2-f1)	N
4	Rx被	4	Tx and	BC1	2H Tx	IM3打中? (f1-2f2 or f2-2f1)	N
4	Rx被	BC1	Tx and	4	2H Tx	IM3打中? (f1-2f2 or f2-2f1)	N
BC1	Rx被	BC1	Tx and	4	2H Tx	IM3打中? (f1-2f2 or f2-2f1)	N
BC1	Rx被	4	Tx and	BC1	2H Tx	IM3打中? (f1-2f2 or f2-2f1)	N
fix: 1559-1606 MHz							
GNSS	Rx被	4	2H Tx and	BC1	Tx	IM3打中? (2f1-f2 or 2f2-f1)	Υ
GNSS	Rx被	BC1	2H Tx and	4	Tx	IM3打中? (2f1-f2 or 2f2-f1)	N
GNSS	Rx被	4	Tx and	BC1	2H Tx	IM3打中? (f1-2f2 or f2-2f1)	N
GNSS	Rx被	BC1	Tx and	4	2H Tx	IM3打中? (f1-2f2 or f2-2f1)	N

Case6. 最常見的GPS and B13

Sham	yah & Jay i	is so handsome!		X限Y的範圍: LTE band: 參照B CDMA band: 參貝 Ex. LTE band1, 軸 wifi_2.4G; WiFi 5	展Band_Table 入1; CDMA BO			ነ ሊw1 - w14	or	輸入Band X> 輸入Band Y>	GPS_L1	1
	Uplink (Tx)			ownlink (Rx)	Scheme	Tx 2nd harmonic		Tx 3rd harmonic		Guard band>	0	3
Unit	Unit MHz				Julenie	MHz		MHz				
Band	Tx, low	Tx, high	Rx, low	Rx, high		2*(Tx, low)	2*(Tx, high)	3*(Tx, low)	3*(Tx, high)		4. 點此開	始分析!
GPS_L1			1574.4	1576.4	CDMA							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
13	777.0	787.0	746.0	756.0	FDD	1554.0	1574.0	2331.0	2361.0			
Band	i Band		15t	N					N			
	Rx被		2nd		Tx打中? (請考慮guard band)					Safe!!!		
GPS_L1		13	3rd			N				Jaron		
Band		Band	1st			N						
	Rx被		2nd	Tx打中? (請考慮guard band)					N	Safe!!!		
13		GPS_L1	3rd							Jaiciii		
GPS_L1	Rx被	GPS_L1	2H Tx and	13	Tx	ı	IM3打中? (2f	f1-f2 or 2f2-f	1)	N		
GPS_L1	Rx被	13	2H Tx and	GPS_L1	Tx	IM3打中? (2f1-f2 or 2f2-f1)			1)	Y		
13	Rx被	13	2H Tx and	GPS_L1	Tx	IM3打中? (2f1-f2 or 2f2-f			1)	N		
13	Rx被	GPS_L1	2H Tx and	13	Tx	IM3打中? (2f1-f2 or 2f2-f1)			1)	N		

除了IM3, 他兄弟IM2當然也要把他找出來

Case7. SVLTE mode, 1x BC0 and LTE B4 IM2

4	Rx被	4	Tx and	BC0	Тх	IM2打中? (f1-f2 or f2-f1)	N
4	Rx被	BC0	Tx and	4	Tx	IM2打中? (f1-f2 or f2-f1)	N
ВСО	Rx被	всо	Tx and	4	Тх	IM2打中? (f1-f2 or f2-f1)	N
ВСО	Rx被	4	Tx and	ВСО	Тх	IM2打中? (f1-f2 or f2-f1)	Y
fix: 1559-1606 MHz							
GNSS	Rx被	4	Tx and	BC0	Тх	IM2打中? (f1-f2 or f2-f1)	N
GNSS	Rx被	BC0	Tx and	4	Tx	IM2打中? (f1-f2 or f2-f1)	N
GNSS	Rx被	4	Tx and	BC0	Tx	IM2打中? (f1+f2 or f2+f1)	N

Case8. GNSS被WiFi 2.4G and B26 IM2打到 外加26 Rx被WiFi 2.4G and B26 IM3打到 再來WiFi 2.4G Rx被B26 3rd harmonic打到

Sharra		· bd1		X限Y的範圍: LTE band: 參照Band_Table CDMA band: 參照Band_Table Ex. LTE band1, 輸入1; CDMA BC0, 輸入BC0; WiFi 2.4G 輸入w1 - w14 or wifi_2.4G; WiFi 5G 輸入w36 - w165 or wifi_5G						輸入Band X>	wifi_2.4G
Snamy	an & Jay I	is so handsome!								輸入Band Y>	26
Uplink (Tx)				ownlink (Rx)		Tx 2nd harmonic Tx 3rd		Tx 3rd I	harmonic	Guard band>	0
Unit		MHz		Scheme MHz		MHz		MHz			
Band	Tx, low	Tx, high	Tx, high Rx, low		Rx, high		2*(Tx, high)	3*(Tx, low)	3*(Tx, high)		4. 點此開始
wifi_2.4G	2402.0	2494.0	2402.0	2494.0	TDD	4804.0	4988.0	7206.0	7482.0		
26	814.0	849.0	859.0	894.0	FDD	1628.0	1698.0	2442.0	2547.0		
Band		Band	1st			N				Risky!!!	
	Rx被		2nd		考慮guard band) N			N			
wifi_2.4G		26	3rd						Υ	Misky	
Band		Band	1st	N							
	Rx被		2nd		Tx打中? (請	考慮guard band)			N	Safe!!!	
26		wifi_2.4G	3rd	N					N		

wifi_2.4G	Rx被	wifi_2.4G	2H Tx and	26	Tx	IM3打中? (2f1-f2 or 2f2-f1)	N
wifi_2.4G	Rx被	26	2H Tx and	wifi_2.4G	Tx	IM3打中? (2f1-f2 or 2f2-f1)	N
26	Rx被	26	2H Tx and	wifi_2.4G	Tx	IM3打中? (2f1-f2 or 2f2-f1)	N
26	Rx被	wifi_2.4G	2H Tx and	26	Tx	IM3打中? (2f1-f2 or 2f2-f1)	N
wifi_2.4G	Rx被	wifi_2.4G	Tx and	26	2H Tx	IM3打中? (f1-2f2 or f2-2f1)	N
wifi_2.4G	Rx被	26	Tx and	wifi_2.4G	2H Tx	IM3打中? (f1-2f2 or f2-2f1)	N
26	Rx被	26	Tx and	wifi_2.4G	2H Tx	IM3打中? (f1-2f2 or f2-2f1)	N
26	Rx被	wifi_2.4G	Tx and	26	2H Tx	IM3打中? (f1-2f2 or f2-2f1)	Y
fix: 1559-1606 MHz							
GNSS	Rx被	wifi_2.4G	2H Tx and	26	Tx	IM3打中? (2f1-f2 or 2f2-f1)	N
GNSS	Rx被	26	2H Tx and	wifi_2.4G	Tx	IM3打中? (2f1-f2 or 2f2-f1)	N
GNSS	Rx被	wifi_2.4G	Tx and	26	2H Tx	IM3打中? (f1-2f2 or f2-2f1)	N
GNSS	Rx被	26	Tx and	wifi_2.4G	2H Tx	IM3打中? (f1-2f2 or f2-2f1)	N
wifi_2.4G	Rx被	wifi_2.4G	Tx and	26	Tx	IM2打中? (f1-f2 or f2-f1)	N
wifi_2.4G	Rx被	26	Tx and	wifi_2.4G	Tx	IM2打中? (f1-f2 or f2-f1)	N
26	Rx被	26	Tx and	wifi_2.4G	Tx	IM2打中? (f1-f2 or f2-f1)	N
26	Rx被	wifi_2.4G	Tx and	26	Tx	IM2打中? (f1-f2 or f2-f1)	N
£							
GNSS	Rx被	wifi_2.4G	Tx and	26	Tx	IM2打中? (f1-f2 or f2-f1)	Υ
GNSS	Rx被	26	Tx and	wifi_2.4G	Tx	IM2打中? (f1-f2 or f2-f1)	N
GNSS	Rx被	wifi_2.4G	Tx and	26	Tx	IM2打中?(f1+f2 or f2+f1)	N

你是不是有點愛上我XD

不是~

是愛上這套一鍵版的 Band Allocation Overlap and IM2 IM3 Freq Calculator 了呢

最後~ 還是老話一句

盡量使用 謝謝支持 有問題 feedback to me

To be continued...