

# 5. Spurious Emission

### 5.1 Test Result

## 5.1.1 B38\_5MHz

		Ba	and: 38 / Bandwidth	: 5MHz / NTNV		
Modulation	Frequency	RB Allocation		Spurious Emission		Verdict
viodulation	(MHz)	Size	Offset	Result	Limit	verdict
	2572.5	1	0	Refer To Test	Graph	Pass
	2372.3	25	0	Refer To Test	Graph	Pass
QPSK	2595	1	0	Refer To Test	Graph	Pass
QPSK _		4	0	Refer To Test	Graph	Pass
	2617.5	1	24	Refer To Test	Graph	Pass
		25	0	Refer To Test	Graph	Pass
	2572.5	1	0	Refer To Test	Graph	Pass
	2572.5	25	0	Refer To Test	Pass	
16QAM	2595	1	0	Refer To Test	Graph	Pass
	2617.5	1	0	Refer To Test	Graph	Pass
			24	Refer To Test	Graph	Pass
		25	0	Refer To Test Graph		Pass
	2572.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test	Pass	
64QAM	2595	1	0	Refer To Test	Graph	Pass
64QAIVI		4	0	Refer To Test	Pass	
	2617.5	ı	24	Refer To Test Graph		Pass
		25	0	Refer To Test	Graph	Pass
	2572.5	1	0	Refer To Test	Graph	Pass
	2312.5	25	0	Refer To Test	Graph	Pass
256QAM	2595	1	0	Refer To Test	Graph	Pass
ZOOQAIVI		1	0	Refer To Test Graph		Pass
	2617.5	<u> </u>	24	Refer To Test	Pass	
		25	0	Refer To Test	Graph	Pass

## 5.1.2 B38\_10MHz

		Bar	nd: 38 / Bandwid	th: 10MHz / NTNV		
Modulation	Frequency	RB Alle	ocation	Spurious Emi	ission	Verdict
Modulation	(MHz)	Size	Offset	Result	Limit	verdict
	2575	1	0	Refer To Test	Graph	Pass
	2575	50	0	Refer To Test	Graph	Pass
QPSK -	2595	1	0	Refer To Test	Graph	Pass
QPSK _		4	0	Refer To Test	Graph	Pass
	2615	ı	49	Refer To Test	Pass	
		50	0	Refer To Test	Graph	Pass
	2575	1	0	Refer To Test	Pass	
		50	0	Refer To Test Graph		Pass
10001	2595	1	0	Refer To Test	Graph	Pass
16QAM		_	0	Refer To Test	Graph	Pass
	2615	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test	Graph	Pass
	2575	0 Refer To Test Graph		Graph	Pass	
64QAM	2575	50	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass

		1		Refer To Test Graph	Pass
	2615	1	49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	2575	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
256QAM	2595 1		0	Refer To Test Graph	Pass
256QAW	2615	2615	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass

### 5.1.3 B38\_15MHz

		Ba	nd: 38 / Bandwidth:	: 15MHz / NTNV		
/lodulation	Frequency	RB Allocation		Spurious Emission		Verdict
viodulation	(MHz)	Size	Offset	Result	Limit	Verdict
	2577.5	1	0	Refer To Test	Graph	Pass
	2377.3	75	0	Refer To Test	Graph	Pass
QPSK -	2595	1	0	Refer To Test	Graph	Pass
QPSN _		4	0	Refer To Test	Graph	Pass
	2612.5	ı	74	Refer To Test	Graph	Pass
		75	0	Refer To Test	Graph	Pass
	0577.5	1	0	Refer To Test	Graph	Pass
	2577.5	75	0	Refer To Test	Pass	
16QAM	2595	1	0	Refer To Test	Graph	Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test	Graph	Pass
		75	0	Refer To Test Graph		Pass
	2577.5	1	0	Refer To Test	Graph	Pass
		75	0	Refer To Test	Pass	
64QAM	2595	1	0	Refer To Test	Graph	Pass
64QAIVI		4	0	Refer To Test	Graph	Pass
	2612.5	1	74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2577.5	1	0	Refer To Test Graph		Pass
	25//.5	75	0	Refer To Test Graph		Pass
2560 AM	2595	1	0	Refer To Test Graph		Pass
256QAM		4	0	Refer To Test	Graph	Pass
	2612.5	ı	74	Refer To Test	Pass	
		75	0	Refer To Test	Graph	Pass

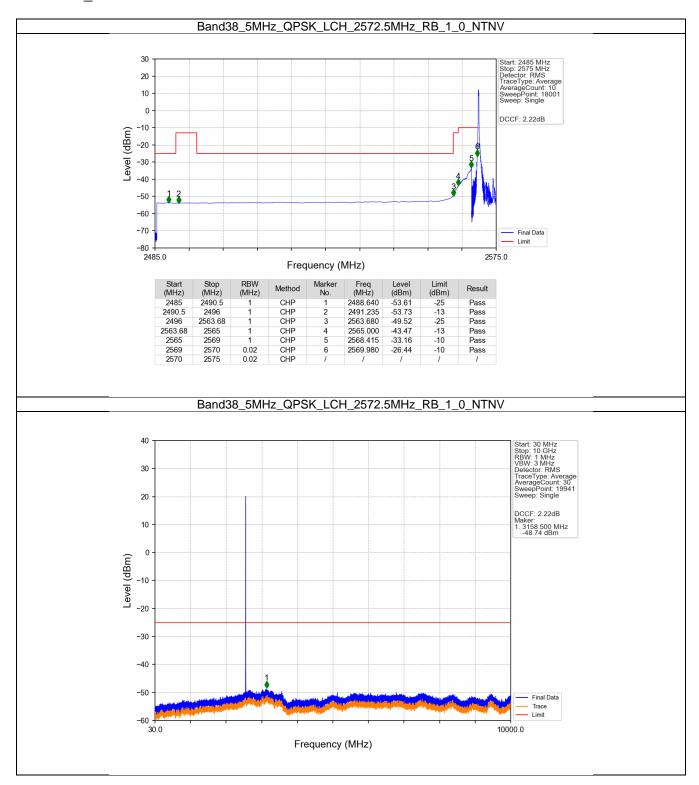
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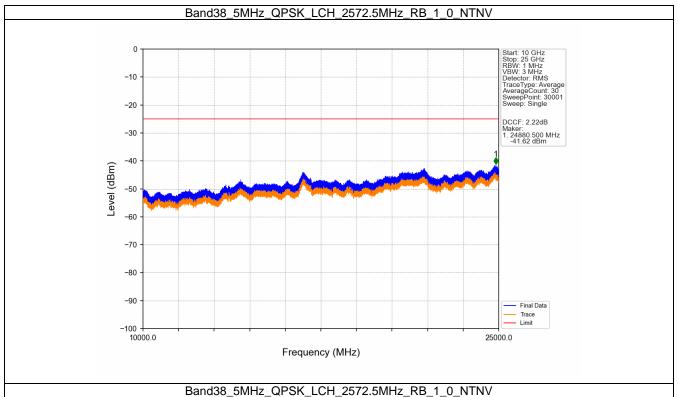
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Modulation	Frequency	RB All	ocation	Spurious Em	nission	\/a.u.di.a.t
viodulation	(MHz)	Size	Offset	Result	Limit	Verdict
	2580	1	0	Refer To Test	t Graph	Pass
	2560	100	0	Refer To Test Graph		Pass
QPSK	2595	1	0	Refer To Test	Pass	
QPSK _	2610	1	0	Refer To Test	Pass	
			99	Refer To Test	Pass	
			100	0	Refer To Test	t Graph
	0500	1	0	Refer To Test	t Graph	Pass
	2580	100	0	Refer To Test	t Graph	Pass
16QAM	2595	1	0	Refer To Test Graph		Pass
	2610		0	Refer To Test	t Graph	Pass
		1	99	Refer To Test	Pass	

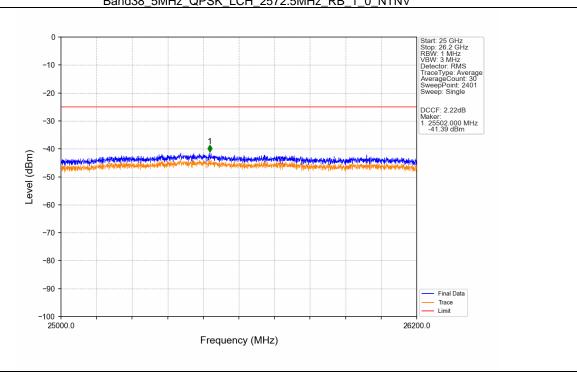
		100	0	Refer To Test Graph	Pass
	2580	1	0	Refer To Test Graph	Pass
	2300	100	0	Refer To Test Graph	Pass
64QAM	2595	1	0	Refer To Test Graph	Pass
04QAW		4	0	Refer To Test Graph	Pass
	2610	'	99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	0500	1	0	Refer To Test Graph	Pass
	2580	100	0 Refer To Test Graph		Pass
256QAM	2595	1	0	Refer To Test Graph	Pass
256QAIVI	2610	4	0	Refer To Test Graph	Pass
		2610		Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

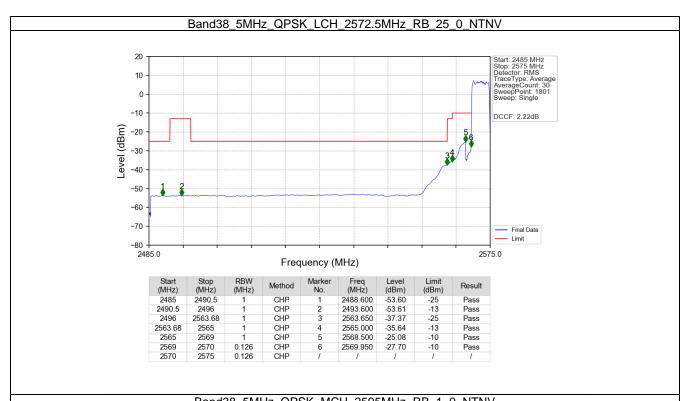
### 5.2 Test Graph

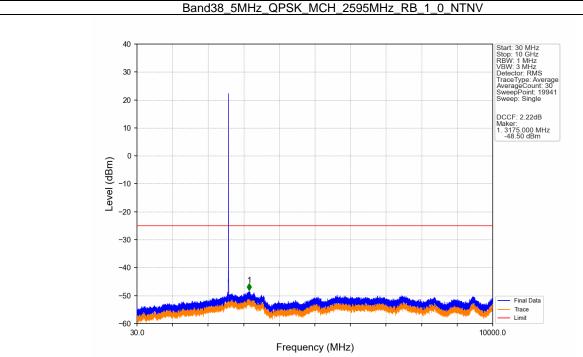
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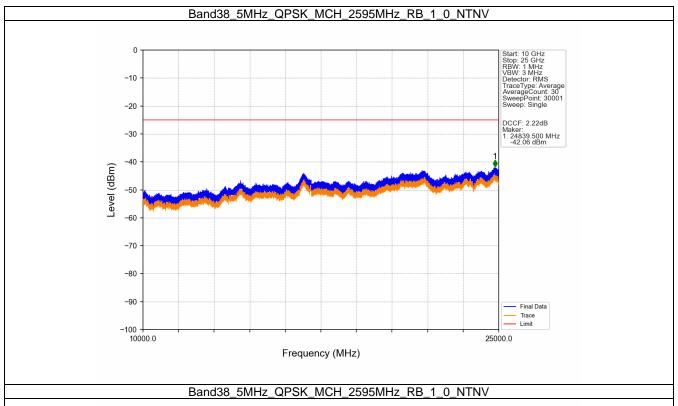


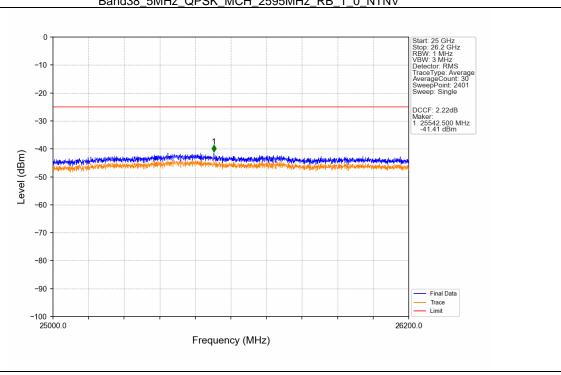


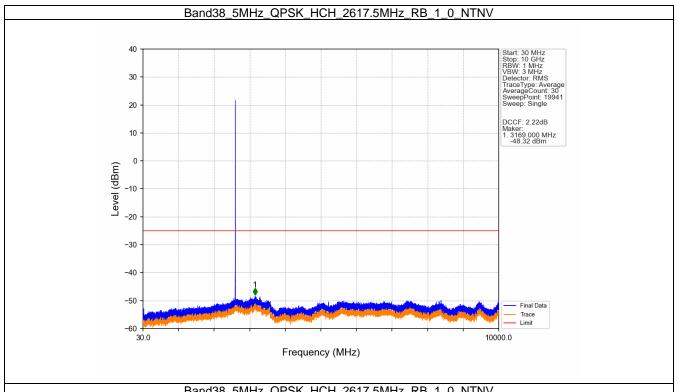


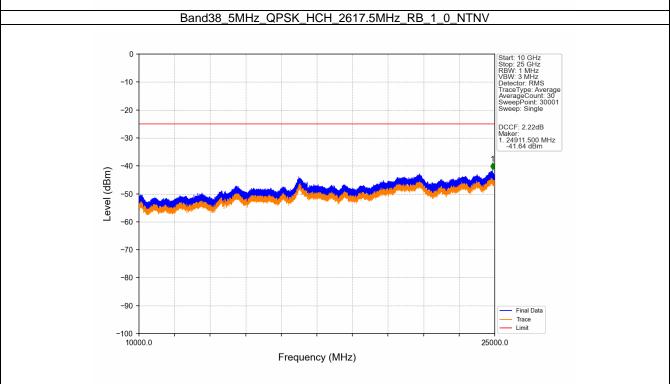


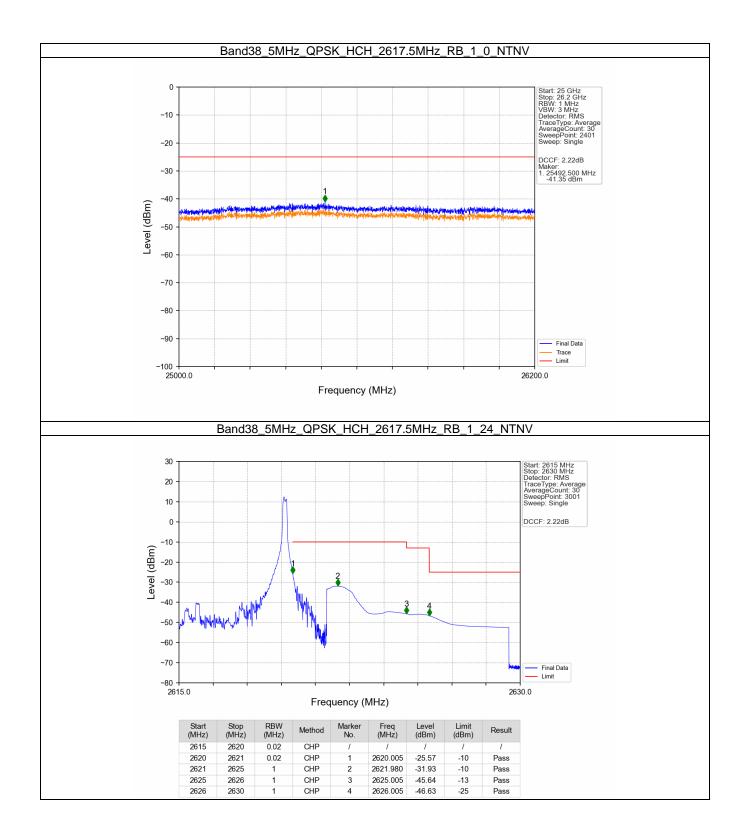


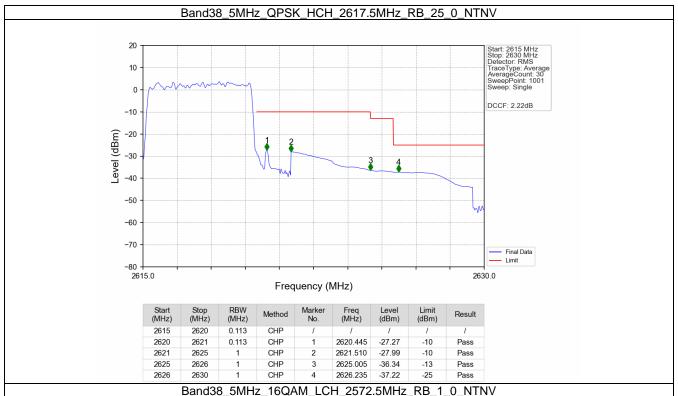


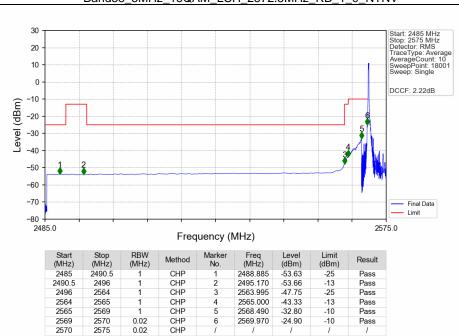


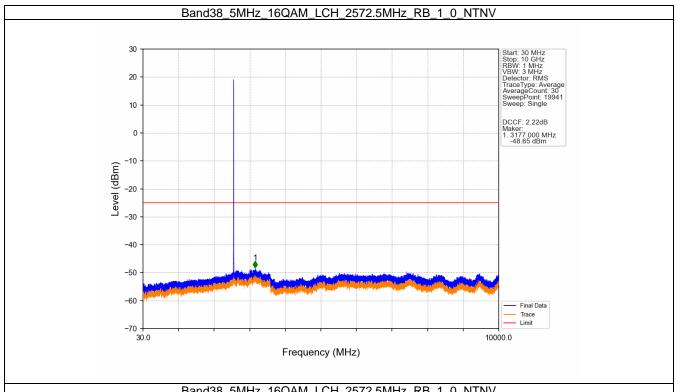


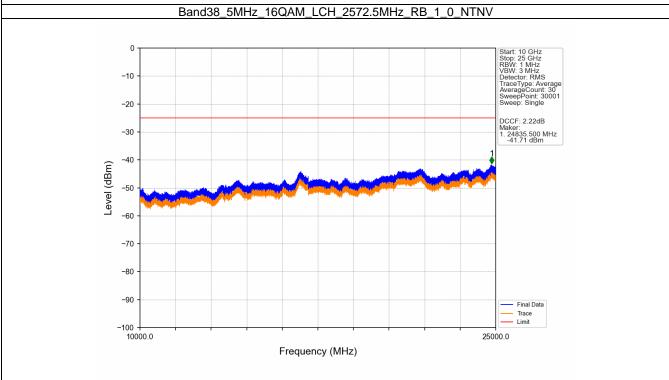


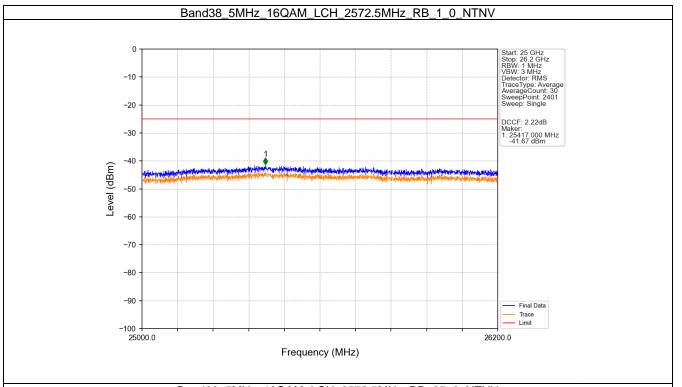


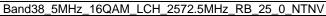


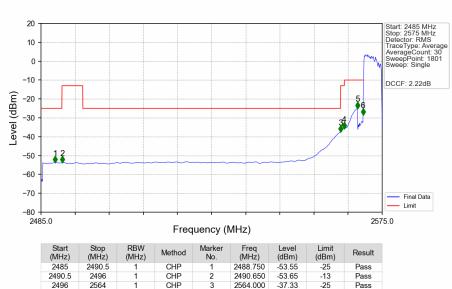




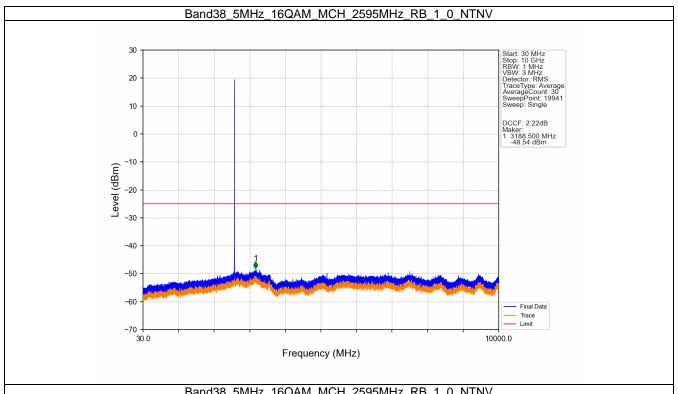


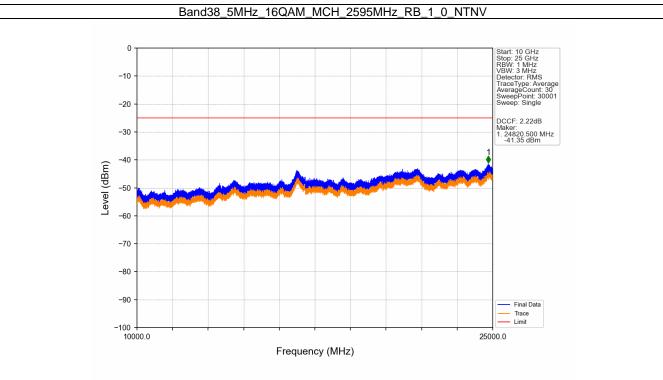


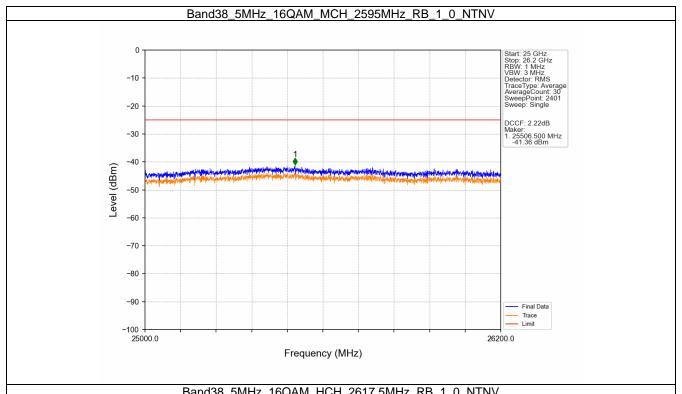


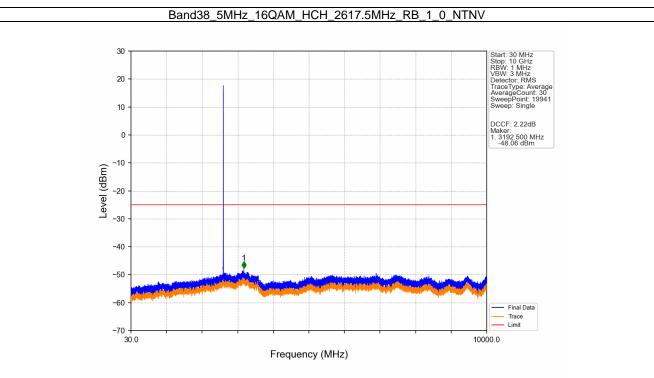


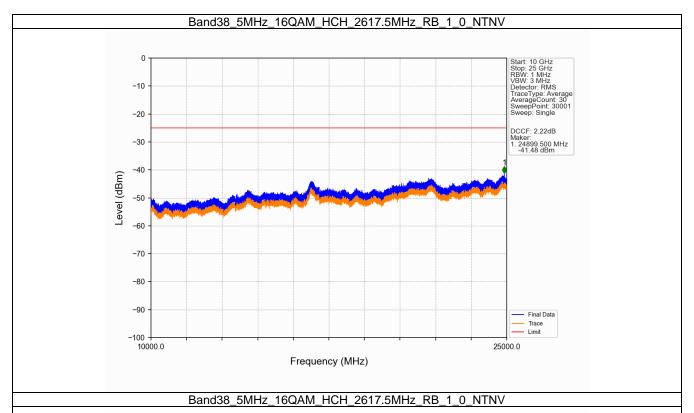
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.750	-53.55	-25	Pass
2490.5	2496	1	CHP	2	2490.650	-53.65	-13	Pass
2496	2564	1	CHP	3	2564.000	-37.33	-25	Pass
2564	2565	1	CHP	4	2565.000	-35.68	-13	Pass
2565	2569	1	CHP	5	2568.500	-24.85	-10	Pass
2569	2570	0.104	CHP	6	2569.950	-28.27	-10	Pass
2570	2575	0.104	CHP	1	/	1	1	1

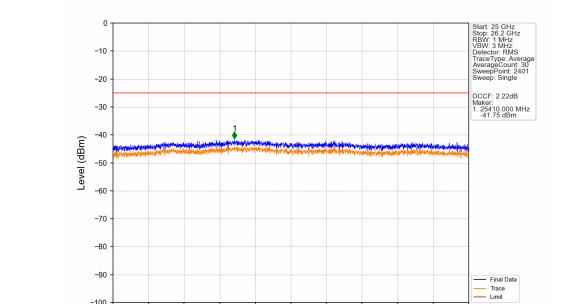








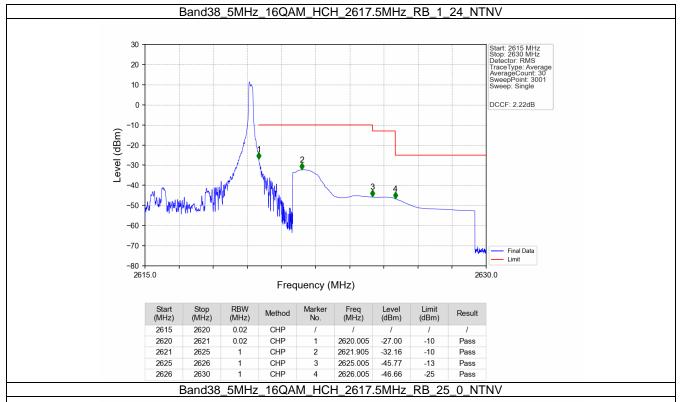


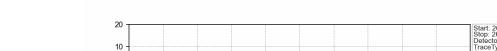


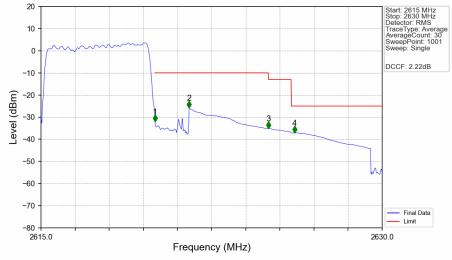
Frequency (MHz)

26200.0

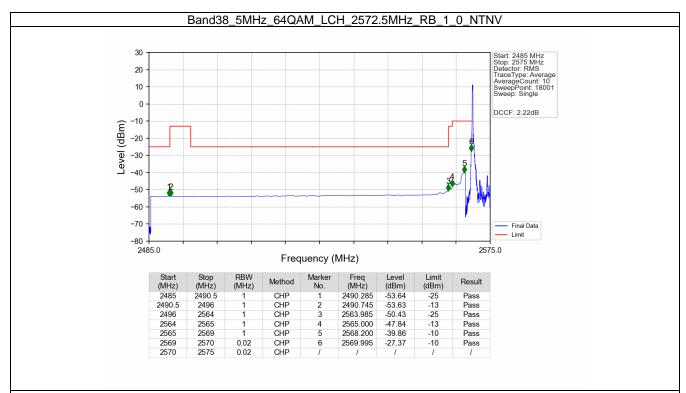
-100 <del>|</del> 25000.0

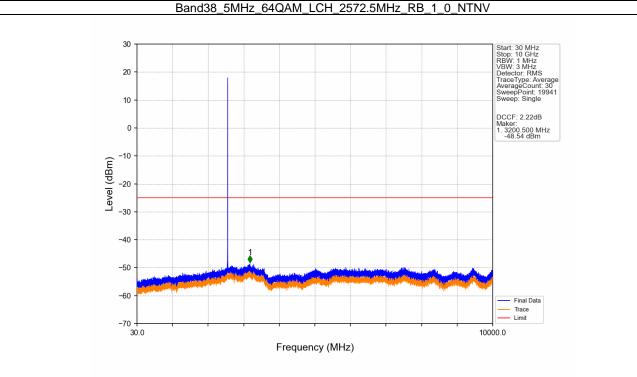


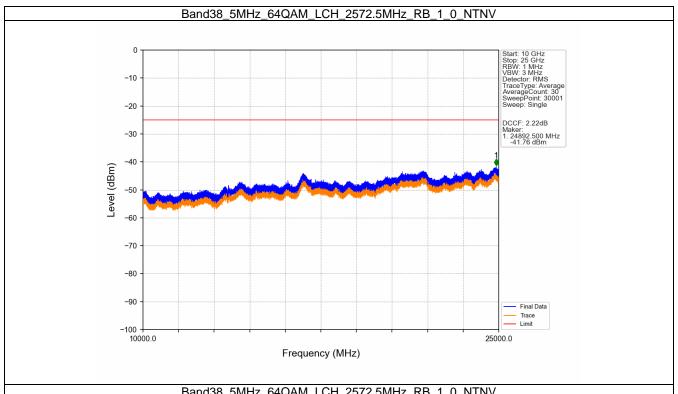


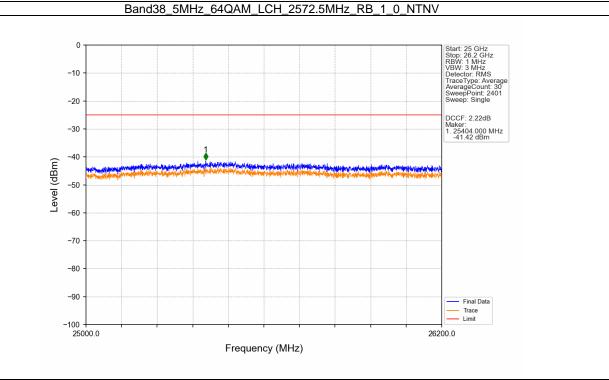


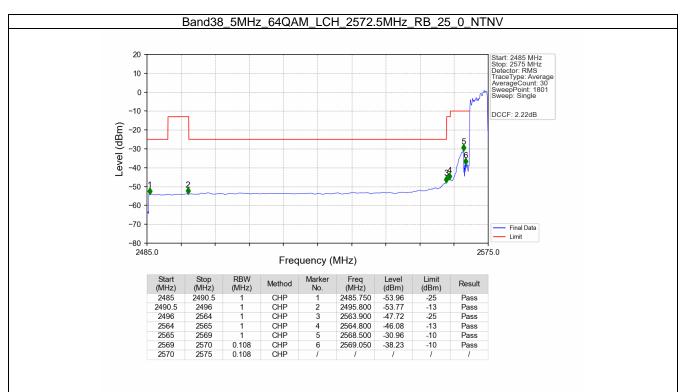
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.108	CHP	1	/	/	1	1
2620	2621	0.108	CHP	1	2620.010	-31.99	-10	Pass
2621	2625	1	CHP	2	2621.510	-25.85	-10	Pass
2625	2626	1	CHP	3	2625.005	-35.12	-13	Pass
2626	2630	1	CHP	4	2626.145	-37.06	-25	Pass

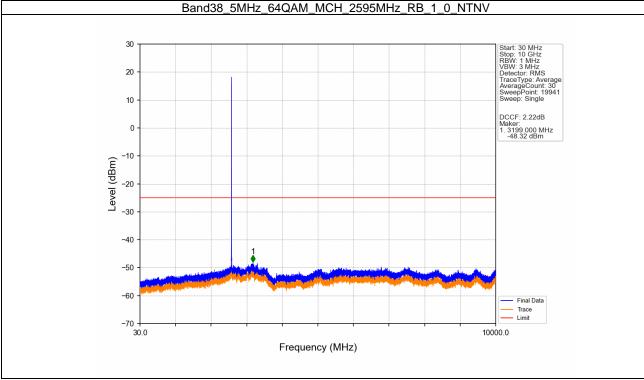


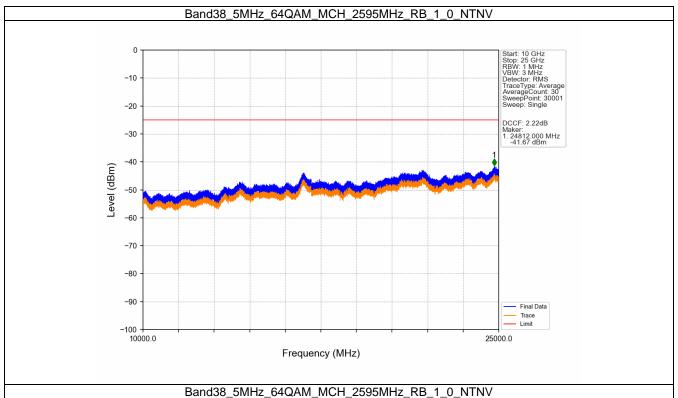


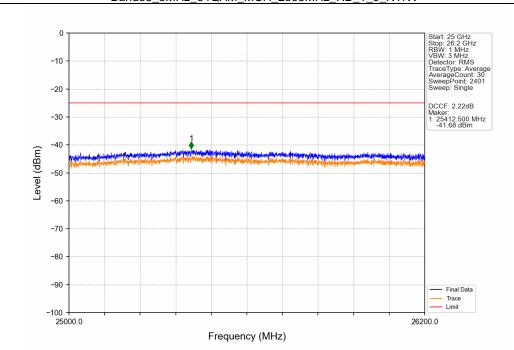


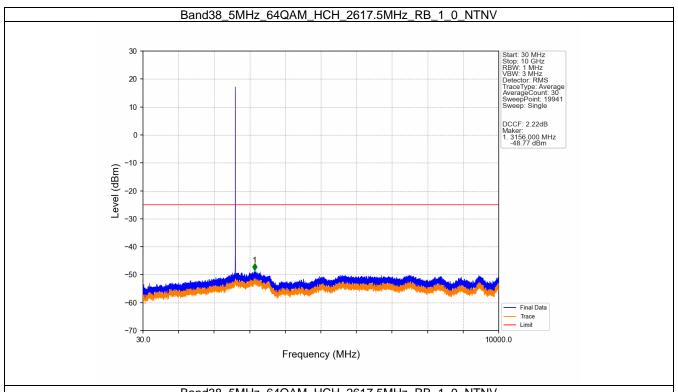


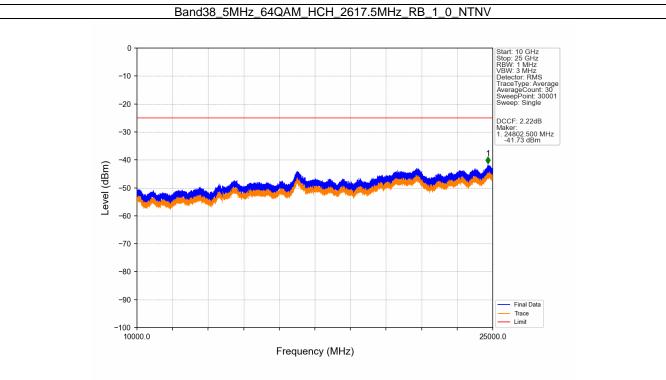


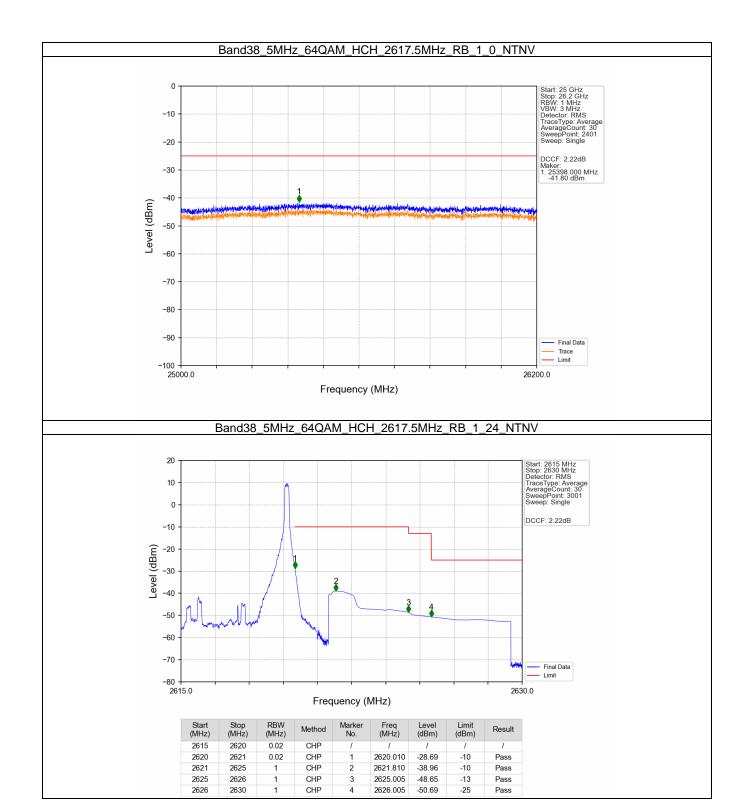


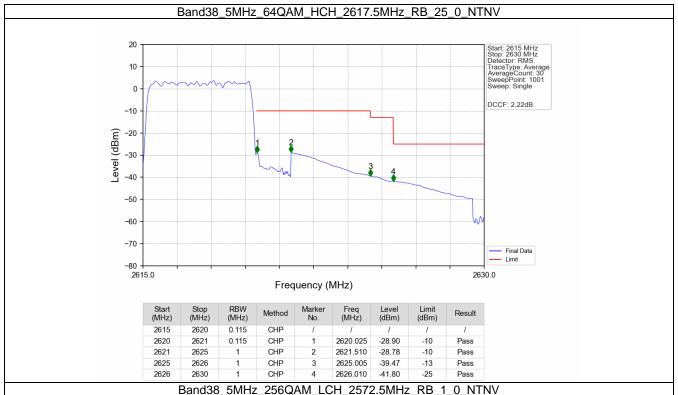


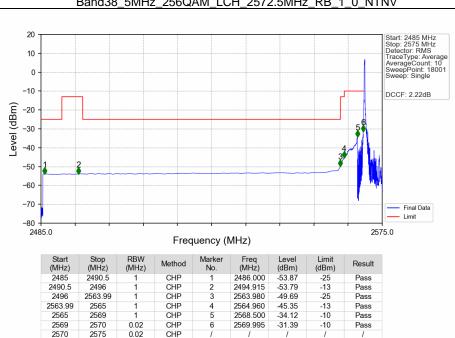


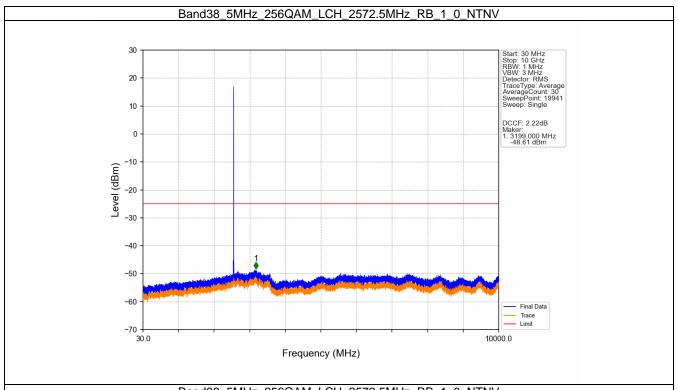


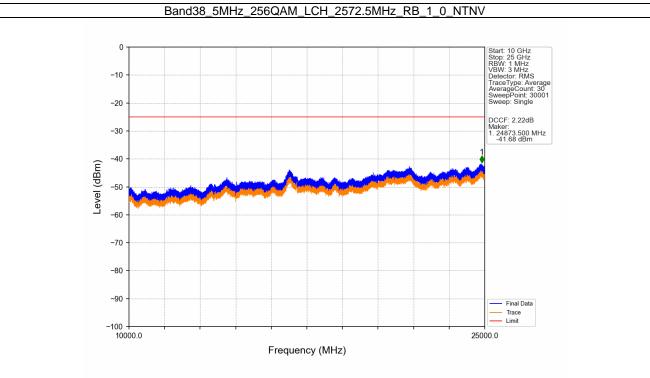


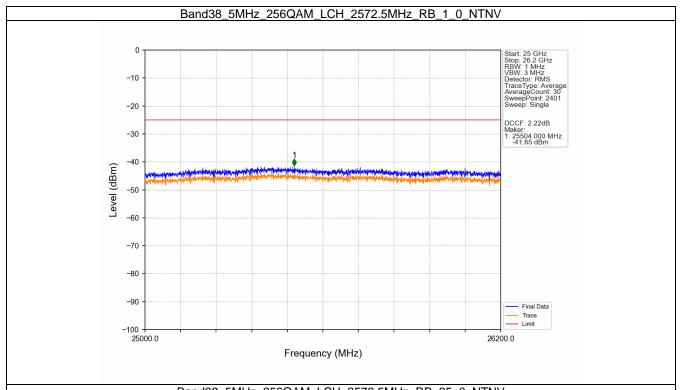




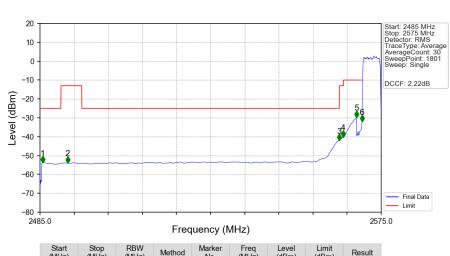




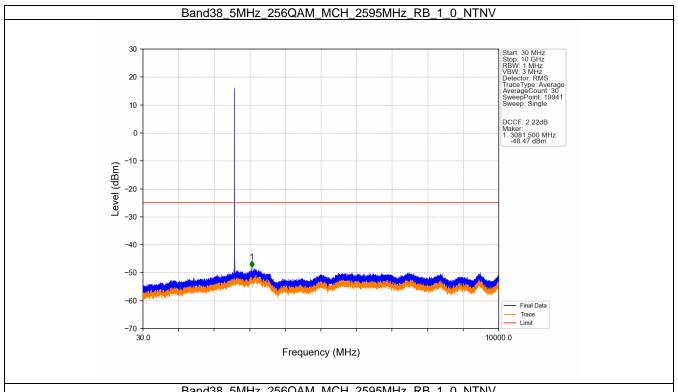


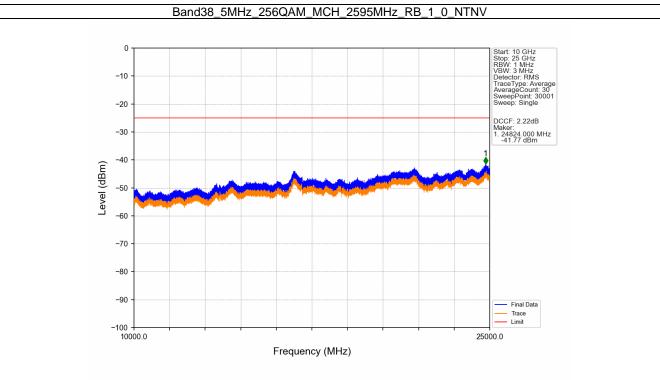


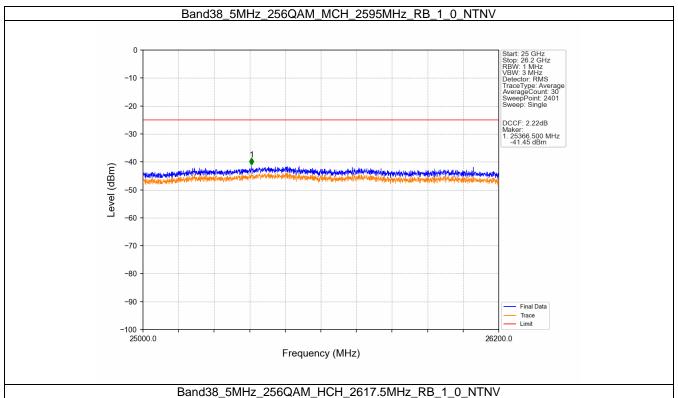


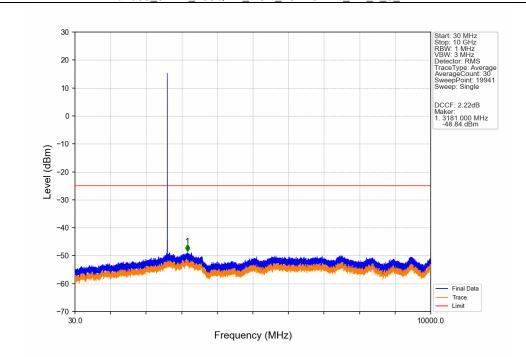


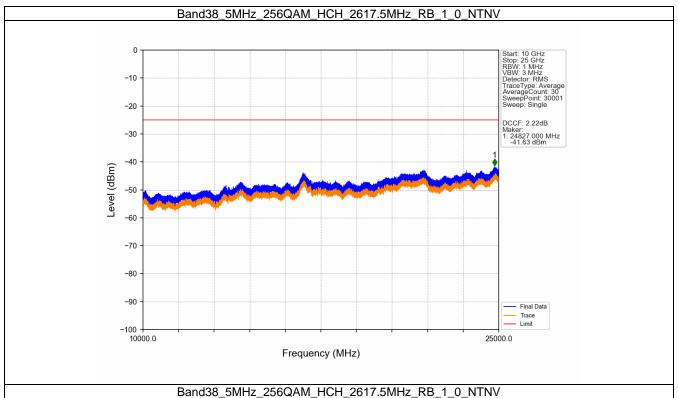
Start (MHz)	Stop (MHz)	(MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.750	-53.69	-25	Pass
2490.5	2496	1	CHP	2	2492.300	-53.76	-13	Pass
2496	2563.99	1	CHP	3	2563.950	-41.82	-25	Pass
2563.99	2565	1	CHP	4	2565.000	-40.04	-13	Pass
2565	2569	1	CHP	5	2568.500	-29.61	-10	Pass
2569	2570	0.12	CHP	6	2569.950	-31.84	-10	Pass
2570	2575	0.12	CHP	1	1	1	1	1

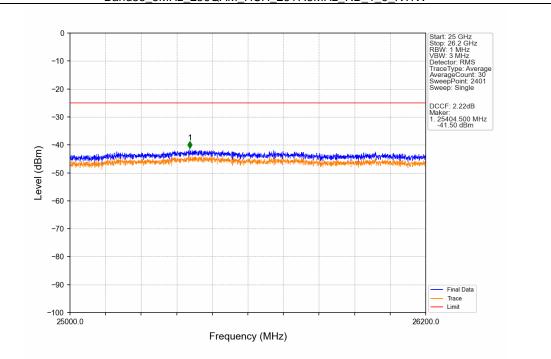


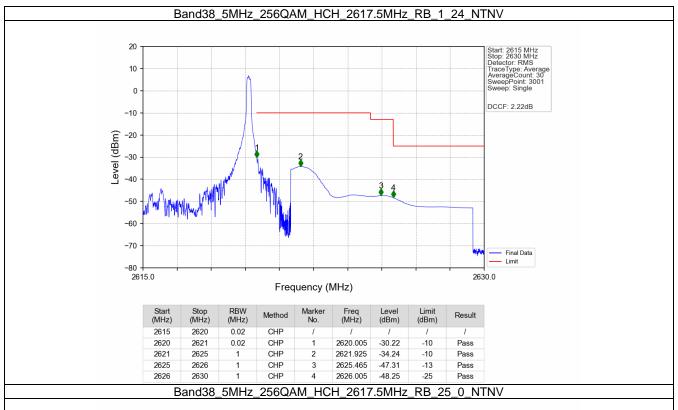


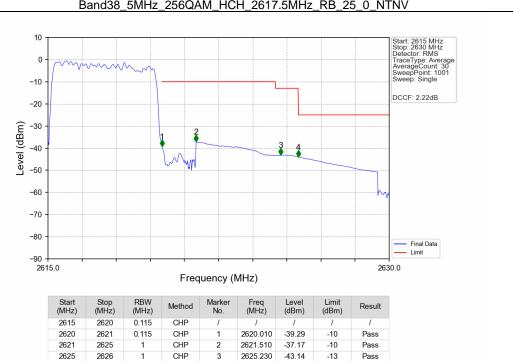












2626.010

-44.03

-25

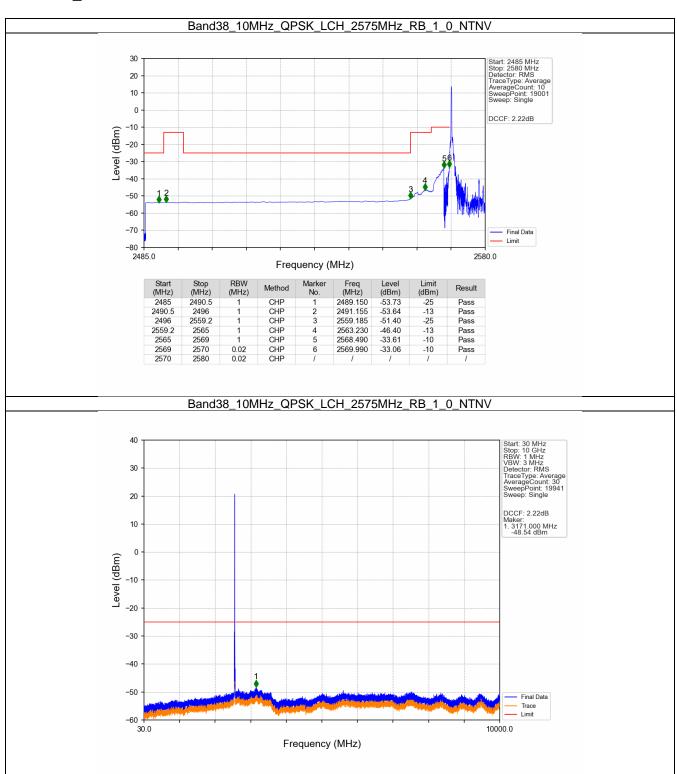
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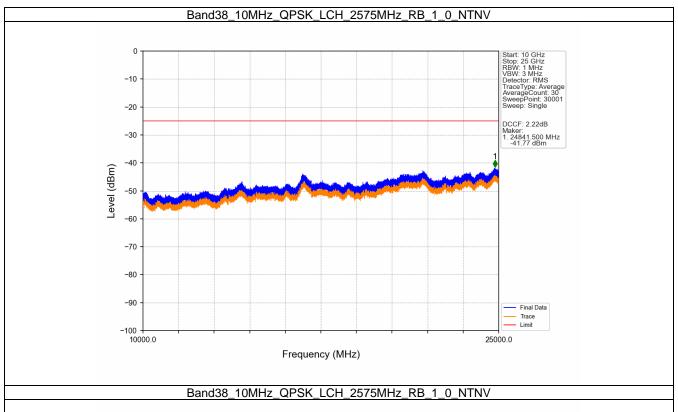
2626

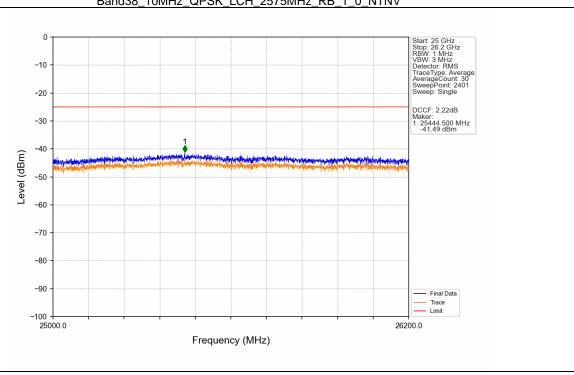
2630

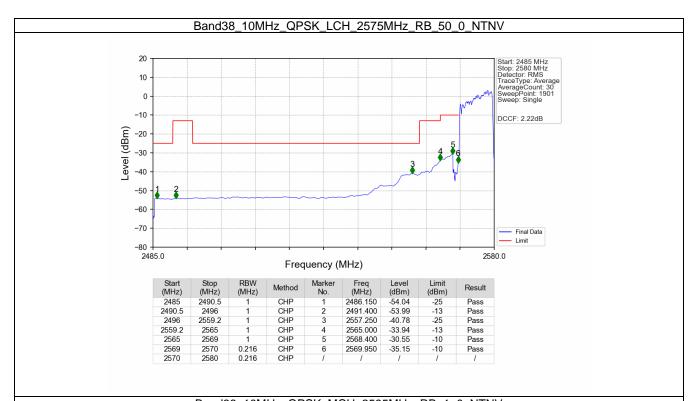
CHP

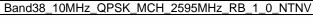
#### 5.2.2 B38\_10MHz

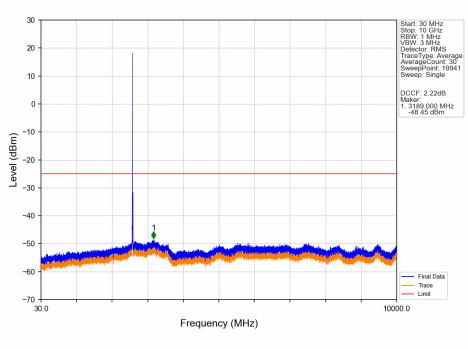


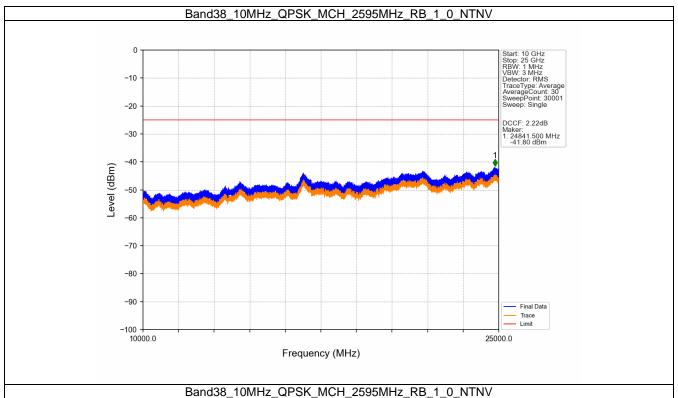


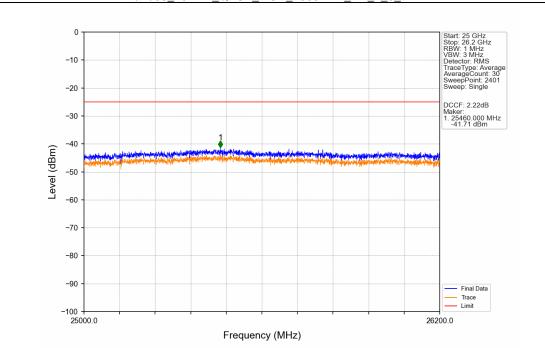


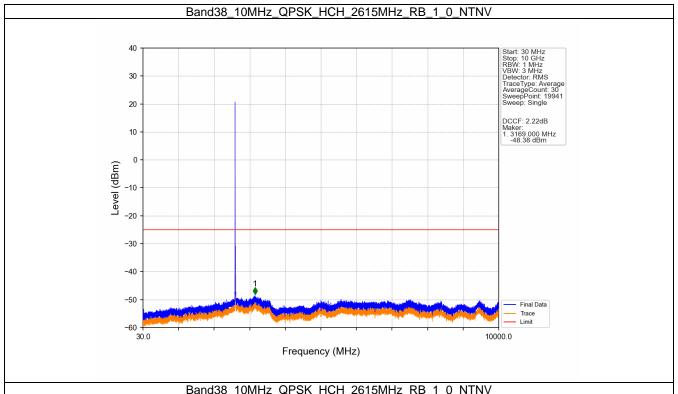


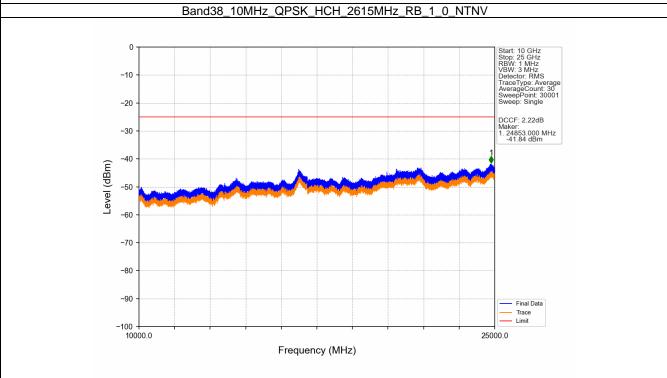


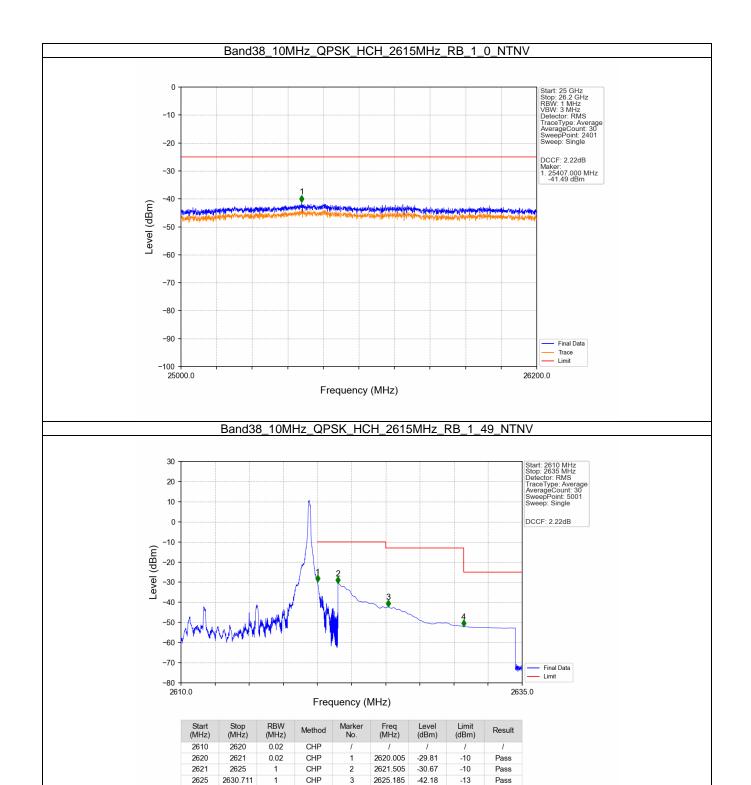












2630.711

2635

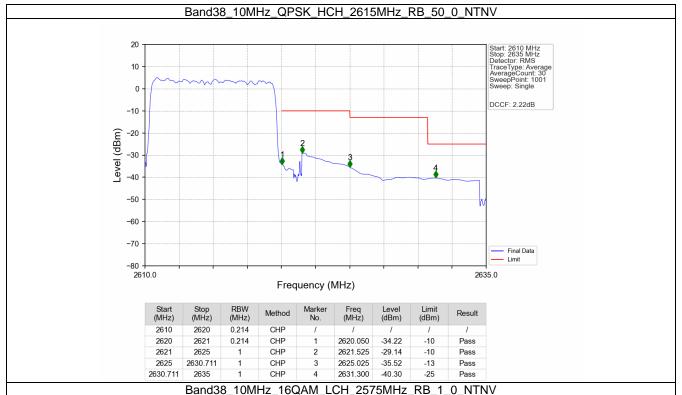
CHP

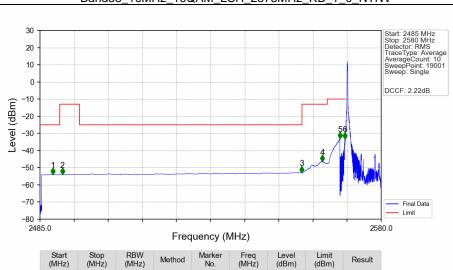
2630.715

-52.03

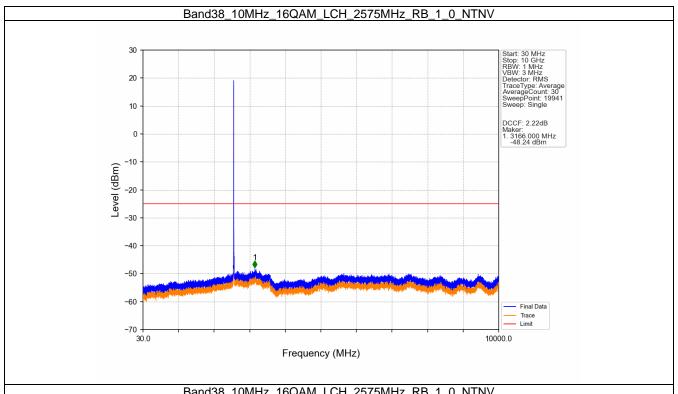
-25

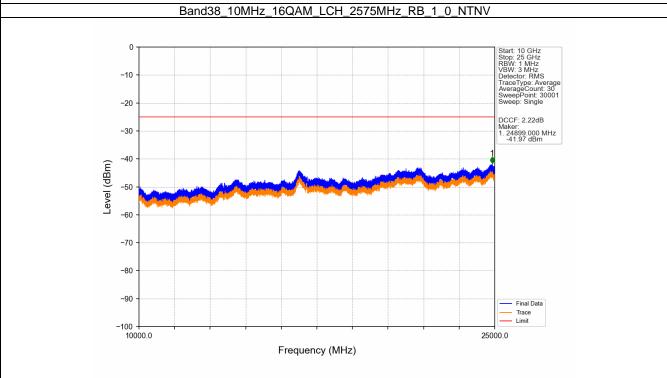
Pass

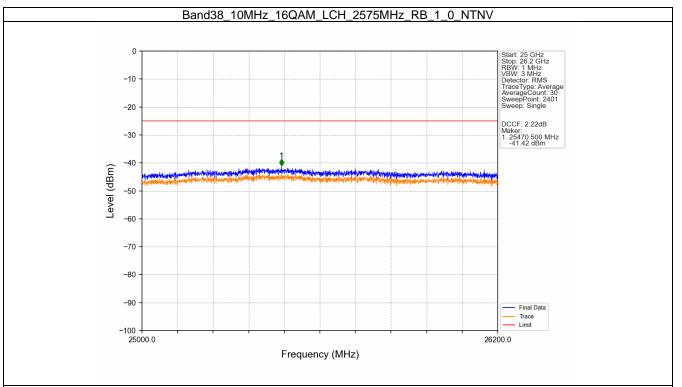


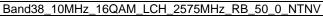


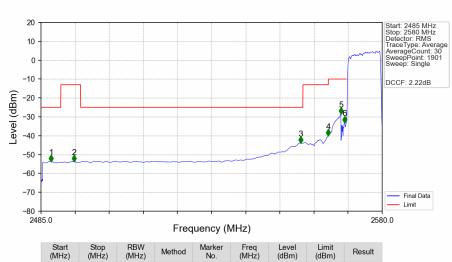
2485 2490.5 1 CHP 1 2488.635 53.86 -25 Pass   2490.5 2496 1 CHP 2 2491.240 -53.77 -13 Pass   2496 2557.939 1 CHP 3 2557.885 -52.74 -25 Pass   2557.939 2565 1 CHP 4 2563.645 -46.29 -13 Pass   2565 2569 1 CHP 5 2568.495 -32.85 -10 Pass   2569 2570 0.02 CHP 6 2569.905 -32.98 -10 Pass	Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2496 2557.939 1 CHP 3 2557.885 -52.74 -25 Pass   2557.939 2565 1 CHP 4 2563.645 46.29 -13 Pass   2565 2569 1 CHP 5 2568.495 -32.85 -10 Pass	2485	2490.5	1	CHP	1	2488.635	-53.86	-25	Pass
2557.939 2565 1 CHP 4 2563.645 46.29 -13 Pass   2565 2569 1 CHP 5 2568.495 -32.85 -10 Pass	2490.5	2496	1	CHP	2	2491.240	-53.77	-13	Pass
2565 2569 1 CHP 5 2568.495 -32.85 -10 Pass	2496	2557.939	1	CHP	3	2557.885	-52.74	-25	Pass
	2557.939	2565	1	CHP	4	2563.645	-46.29	-13	Pass
2569 2570 0.02 CHP 6 2569.905 -32.98 -10 Pass	2565	2569	1	CHP	5	2568.495	-32.85	-10	Pass
2000.000 -02.00 -10 1 400	2569	2570	0.02	CHP	6	2569.905	-32.98	-10	Pass
2570 2580 0.02 CHP / / / /	2570	2580	0.02	CHP	1	/	1	1	1



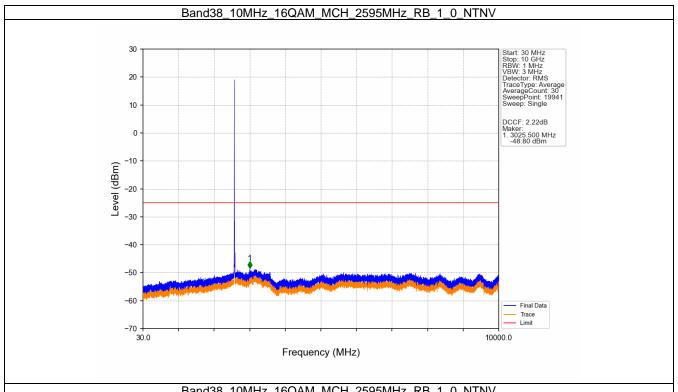


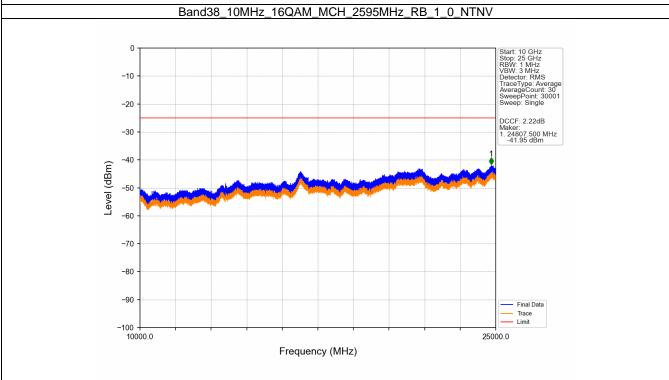


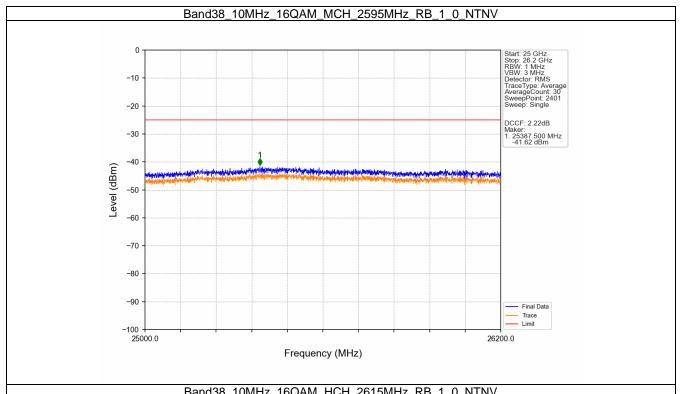


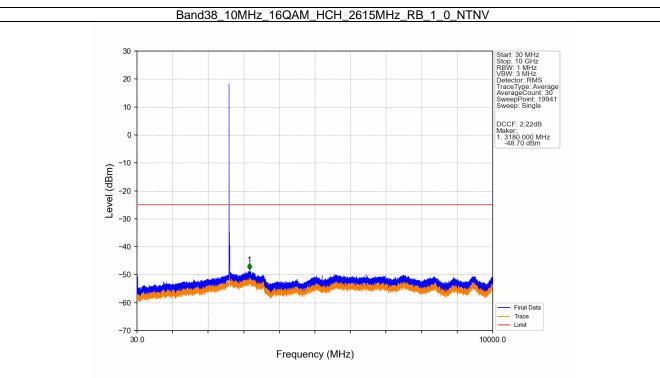


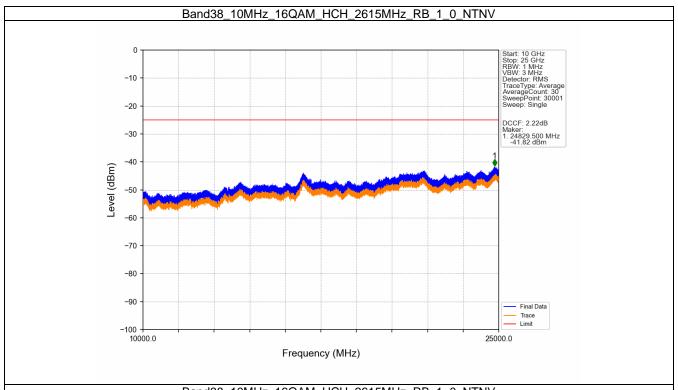
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.850	-53.66	-25	Pass
2490.5	2496	1	CHP	2	2494.200	-53.68	-13	Pass
2496	2557.939	1	CHP	3	2557.300	-43.79	-25	Pass
2557.939	2565	1	CHP	4	2565.000	-39.89	-13	Pass
2565	2569	1	CHP	5	2568.500	-28.46	-10	Pass
2569	2570	0.241	CHP	6	2569.550	-33.01	-10	Pass
2570	2580	0.241	CHP	1	1	1	1	1

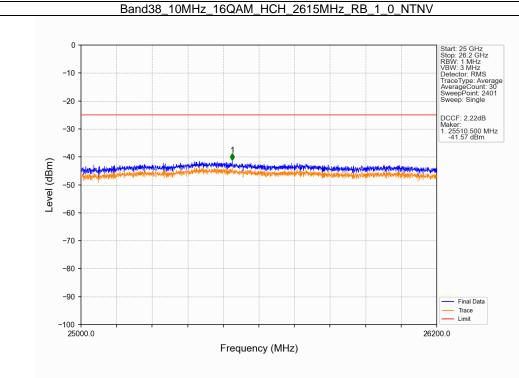


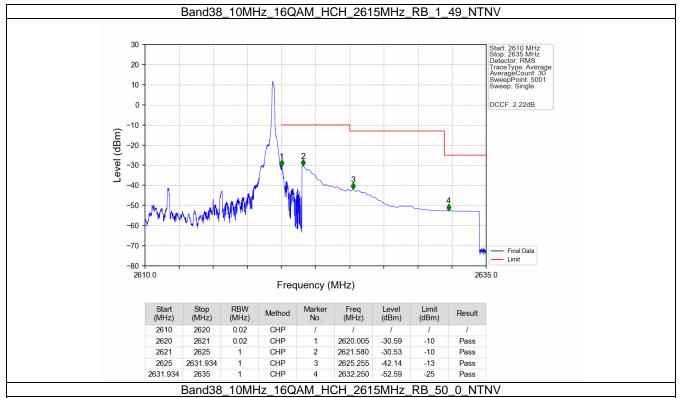


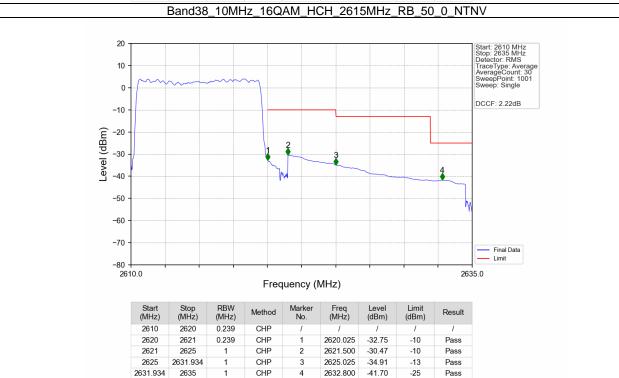


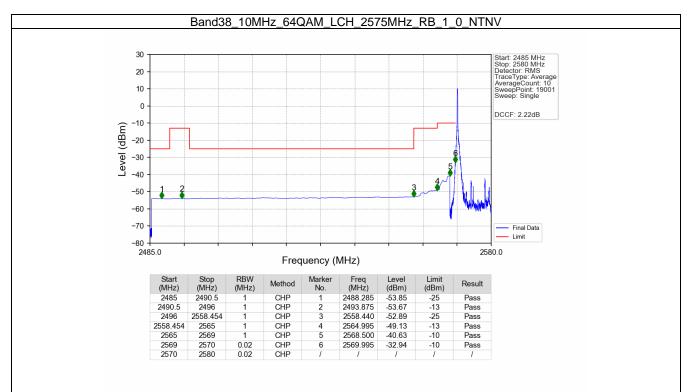




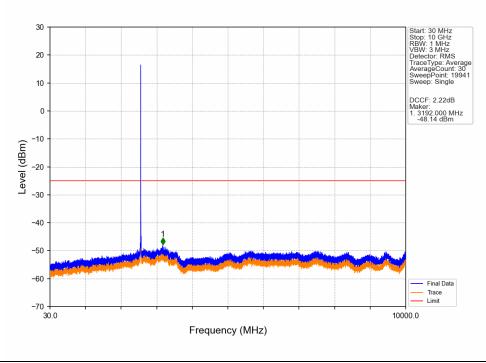


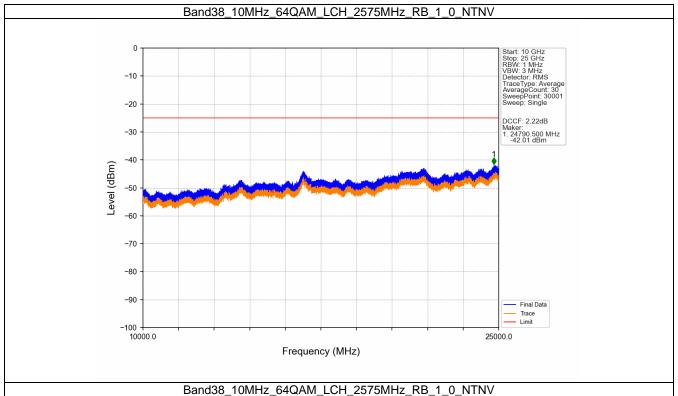


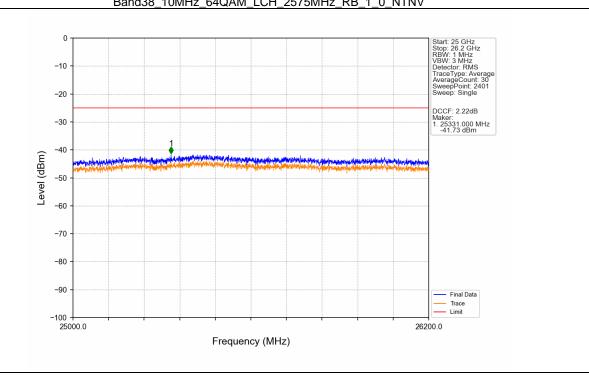


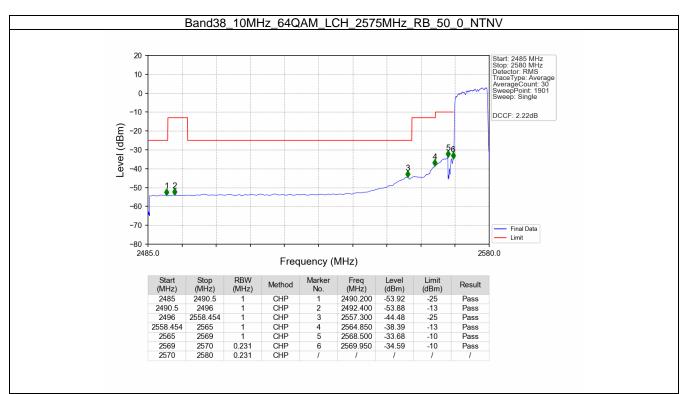


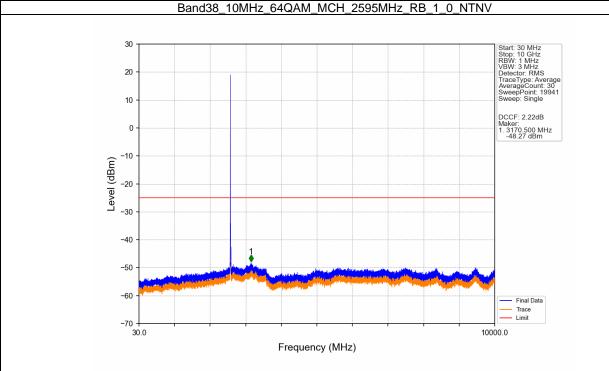


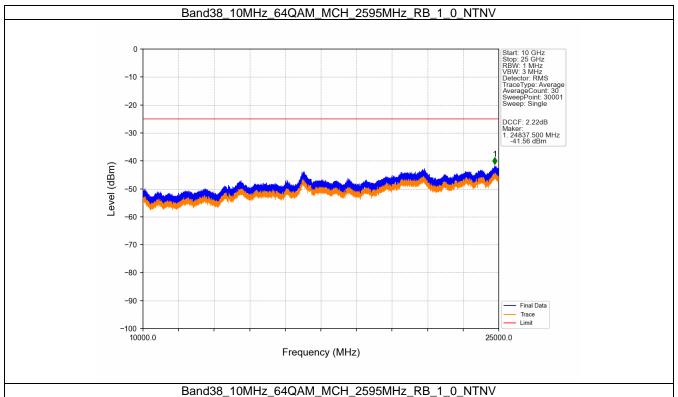


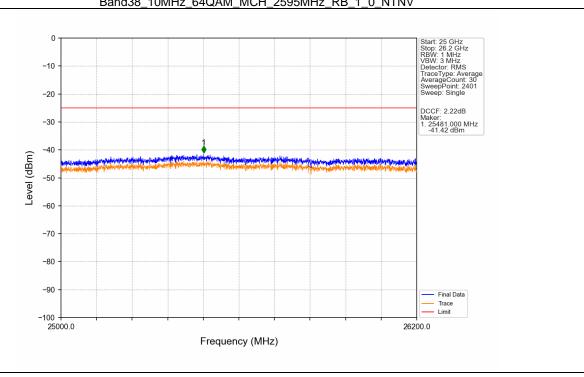


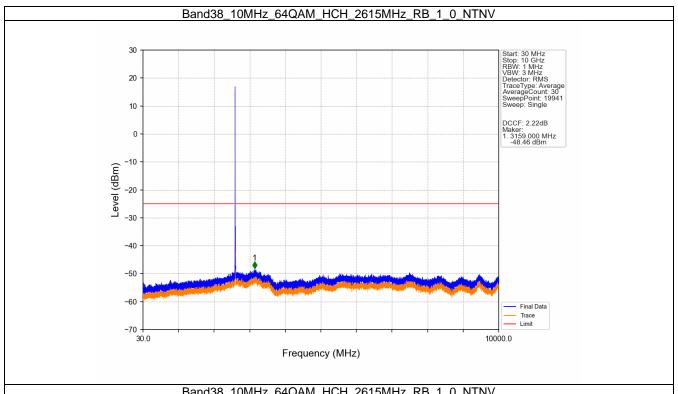


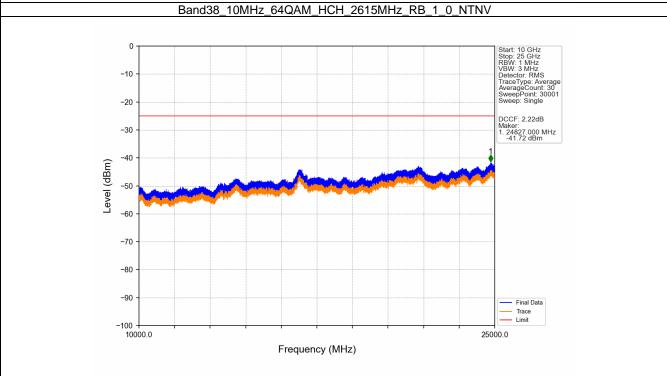


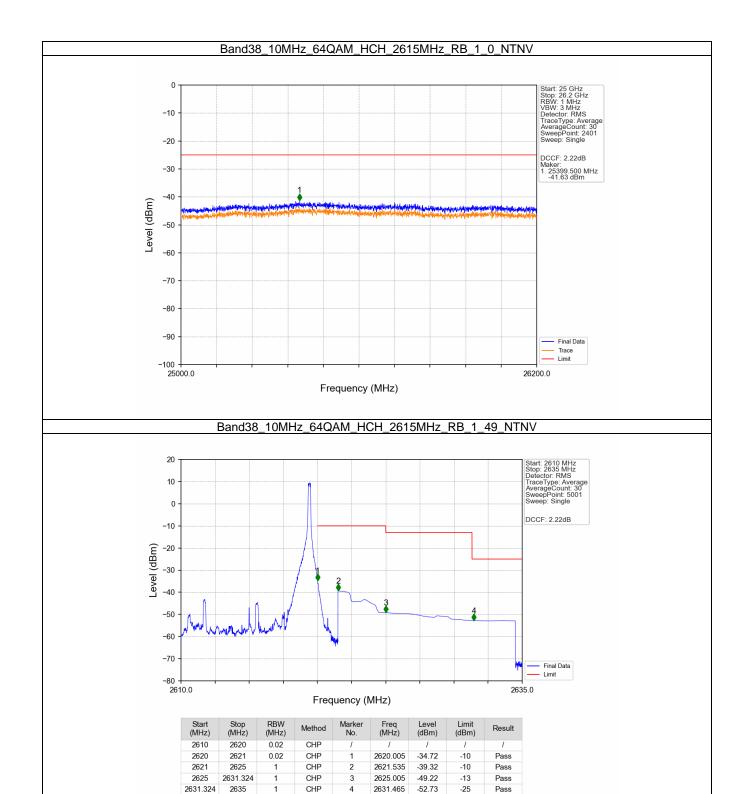


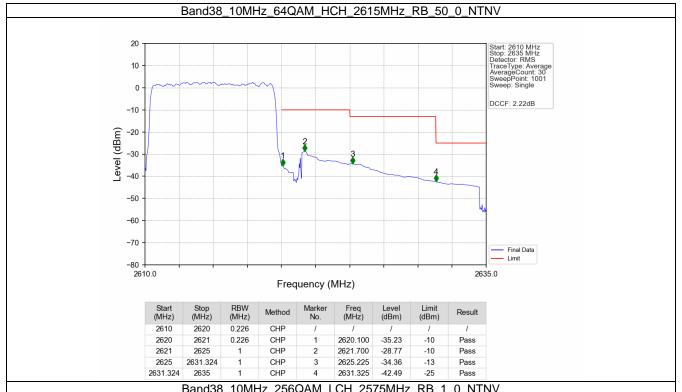




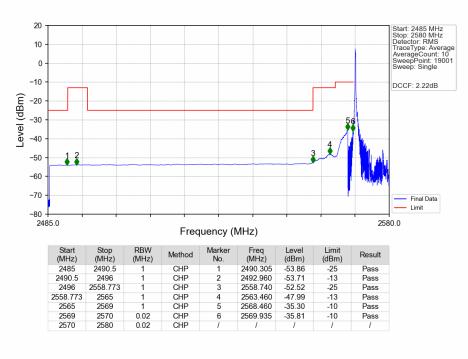


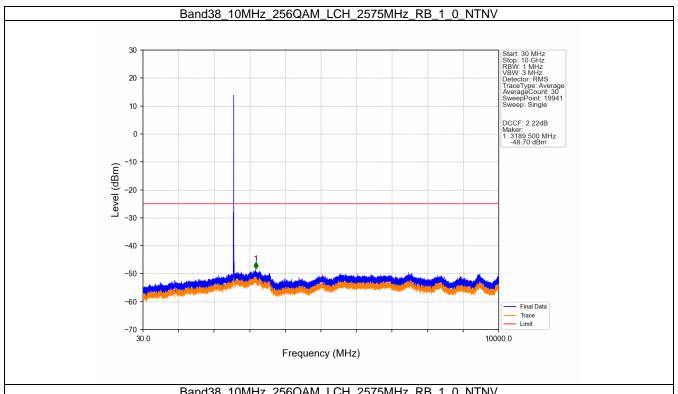


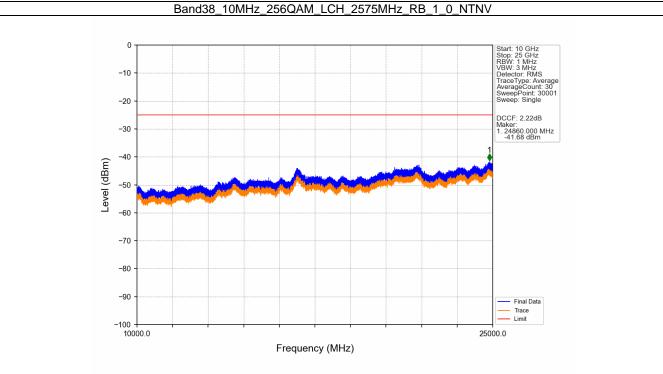


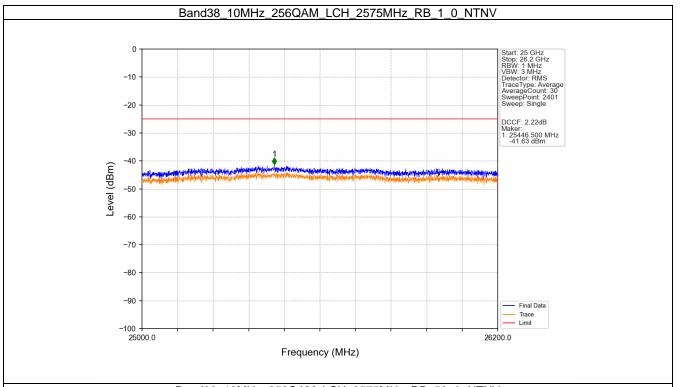




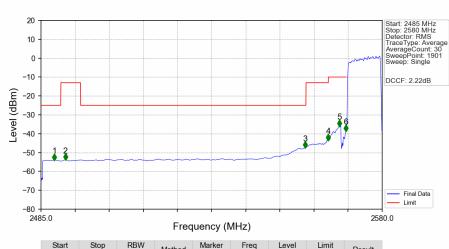












Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2490.5	1	CHP	1	2488.750	-53.95	-25	Pass
2496	1	CHP	2	2491.800	-53.83	-13	Pass
2558.773	1	CHP	3	2558.600	-47.40	-25	Pass
2565	1	CHP	4	2565.000	-43.45	-13	Pass
2569	1	CHP	5	2568.100	-35.99	-10	Pass
2570	0.225	CHP	6	2569.900	-38.58	-10	Pass
2580	0.225	CHP	1	1	1	1	1
	(MHz) 2490.5 2496 2558.773 2565 2569 2570	(MHz) (MHz) 2490.5 1 2496 1 2558.773 1 2565 1 2569 1 2570 0.225	(MHz) (MHz) Method 2490.5 1 CHP 2496 1 CHP 2558.773 1 CHP 25665 1 CHP 2570 0.225 CHP	(MHz) (MHz) Method No.   2490.5 1 CHP 1   2496 1 CHP 2   2558.773 1 CHP 3   2565 1 CHP 4   2569 1 CHP 5   2570 0.225 CHP 6	(MHz) (MHz) Method No. (MHz)   2490.5 1 CHP 1 2488.750   2496 1 CHP 2 2491.800   2558.773 1 CHP 3 2558.600   2565 1 CHP 4 2565.000   2569 1 CHP 5 2568.100   2570 0.225 CHP 6 2569.900	(MHz) (MHz) Method No. (MHz) (dBm)   2490.5 1 CHP 1 2488.750 -53.95   2496 1 CHP 2 2491.800 -53.83   2558.773 1 CHP 3 2558.600 -47.40   2565 1 CHP 4 2565.000 -43.45   2569 1 CHP 5 2568.100 -35.99   2570 0.225 CHP 6 2569.900 -38.58	(MHz) (MHz) Method No. (MHz) (dBm) (dBm)   2490.5 1 CHP 1 2488.750 -53.95 -25   2496 1 CHP 2 2491.800 -53.83 -13   2558.773 1 CHP 3 2558.600 47.40 -25   2565 1 CHP 4 2565.000 -43.45 -13   2599 1 CHP 5 2568.100 -35.99 -10   2570 0.225 CHP 6 2569.900 -38.58 -10