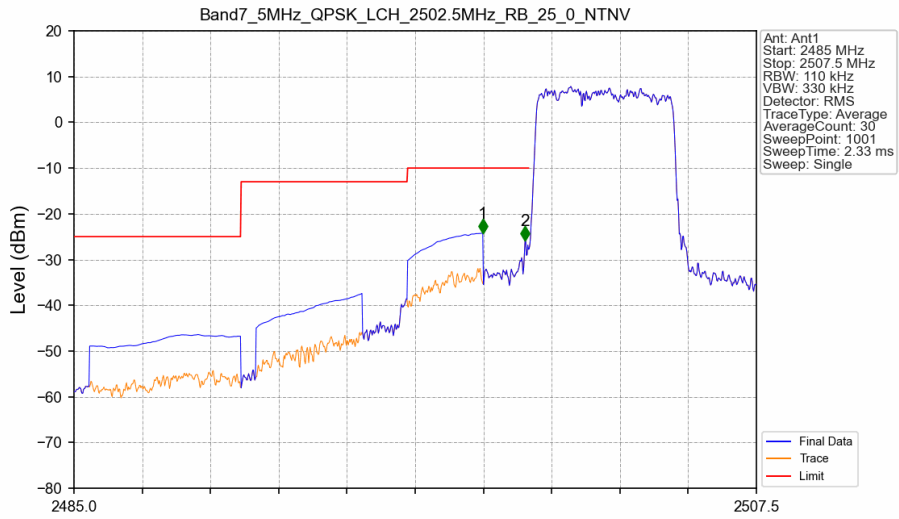
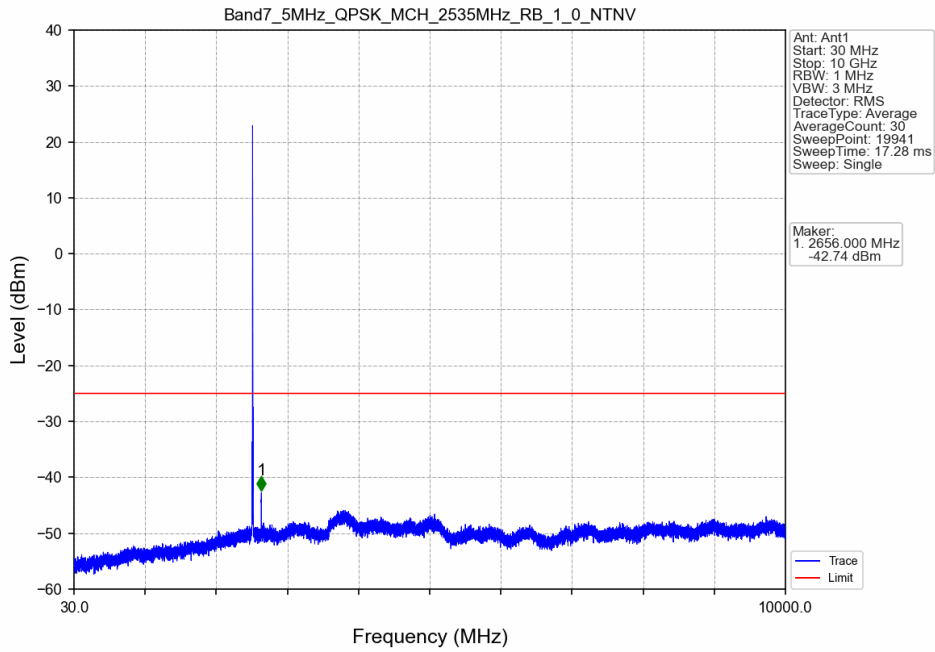


Band7\_5MHz\_QPSK\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV

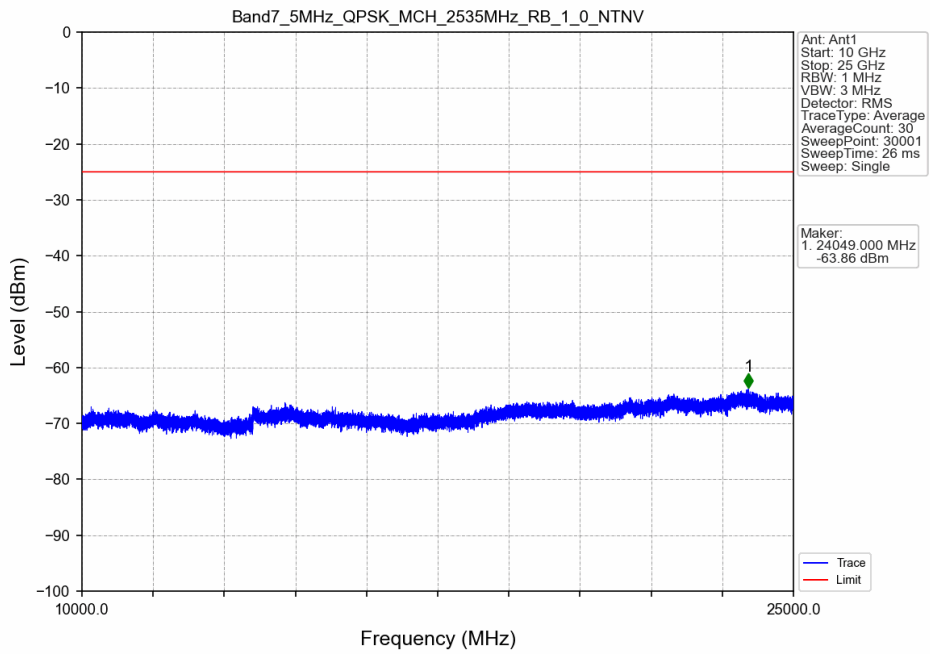


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2498.477	-24.24	-10	Pass
2499	2500	0.11	/	2	2499.872	-25.92	-10	Pass
2500	2507.5	0.11	/	/	/	/	/	/

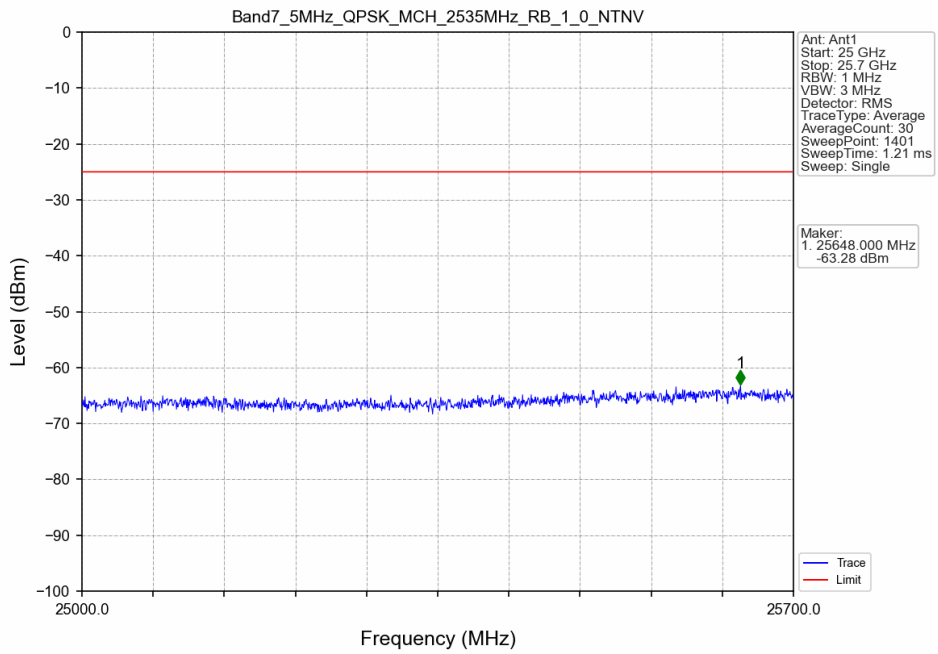
Band7\_5MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



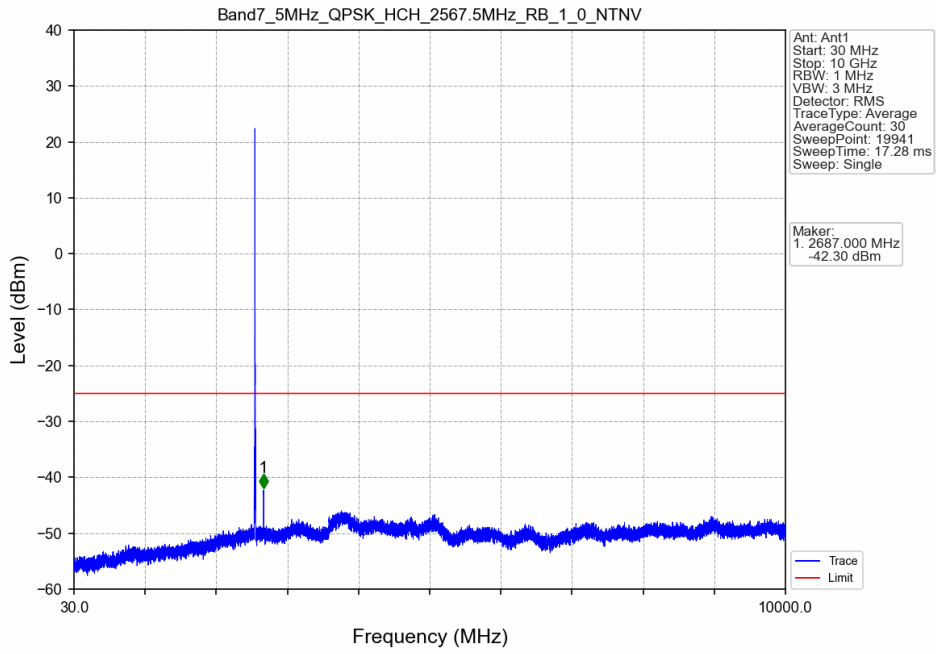
Band7\_5MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



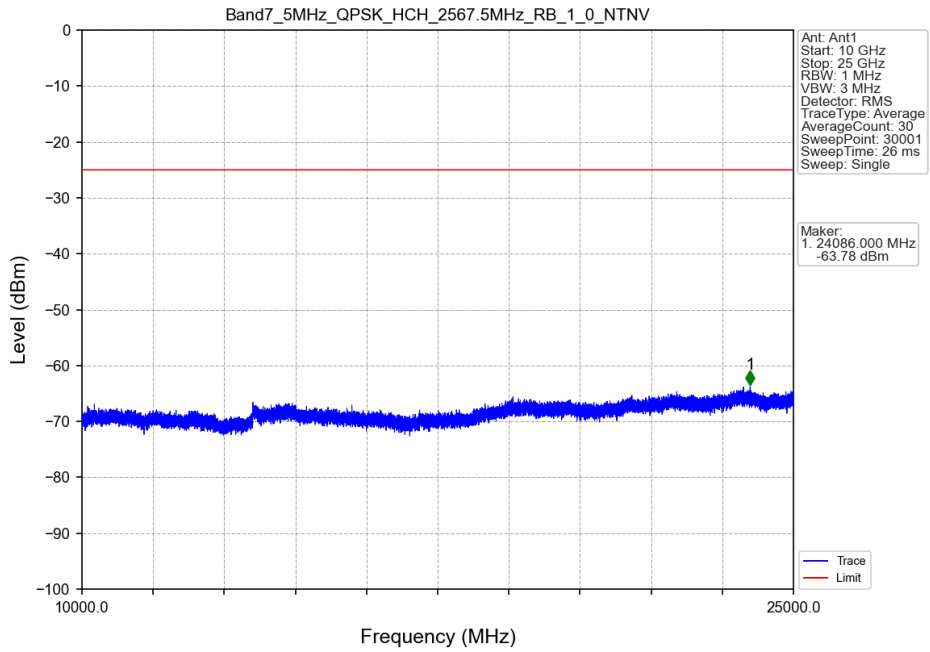
Band7\_5MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



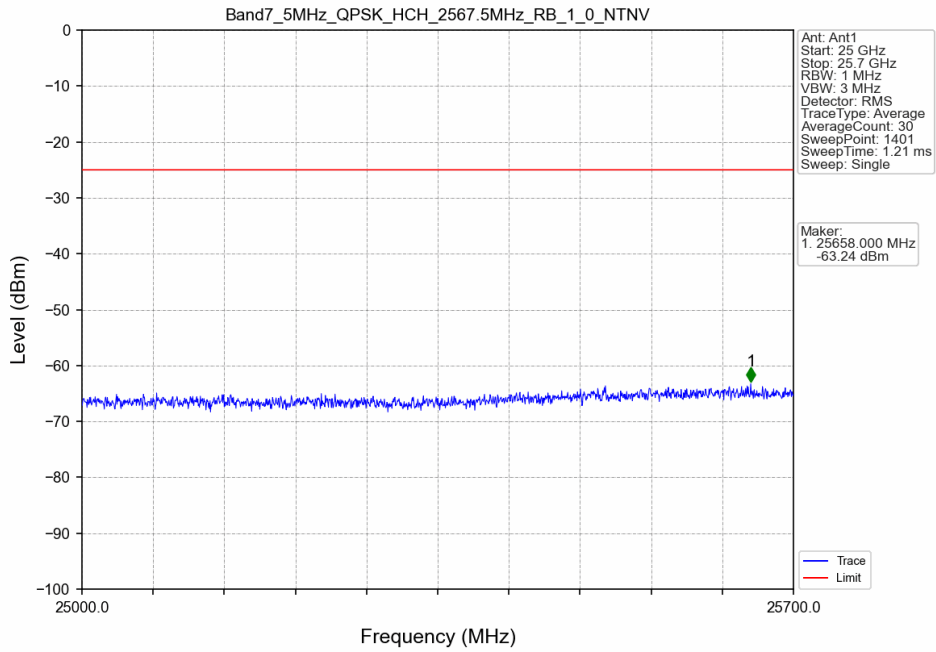
Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_1\_0\_NTNV



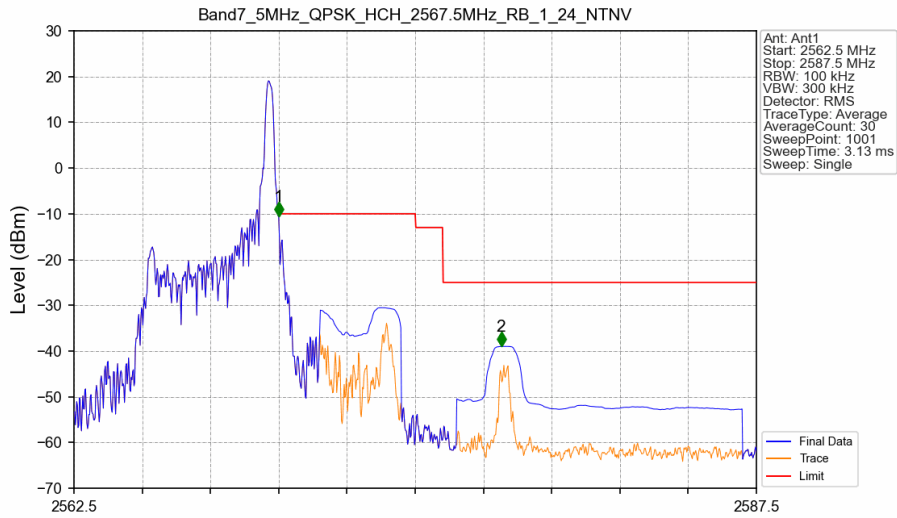
Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_1\_0\_NTNV



Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_1\_0\_NTNV

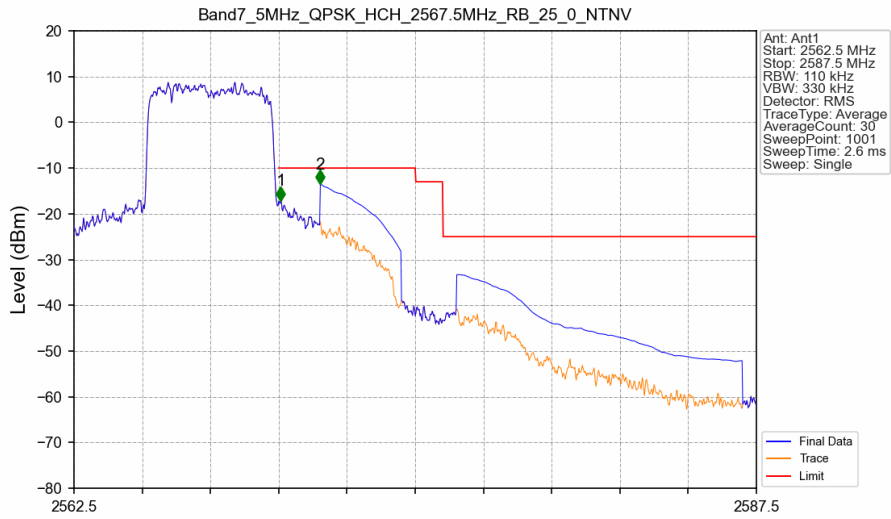


Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_1\_24\_NTNV



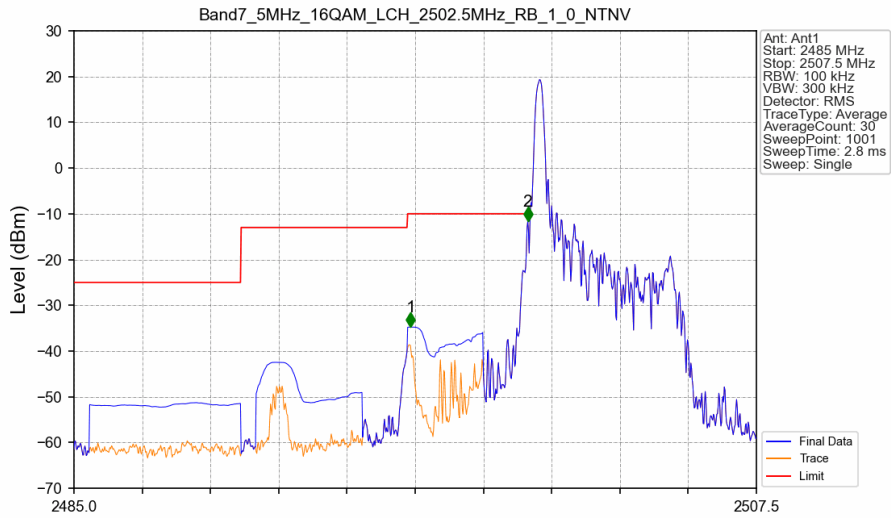
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.1	/	1	2570.000	-10.60	-10	Pass
2570	2571	0.1	/	1	2570.000	-10.60	-10	Pass
2571	2587.5	1	CHP	2	2578.150	-39.00	-25	Pass

Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_25\_0\_NTNV



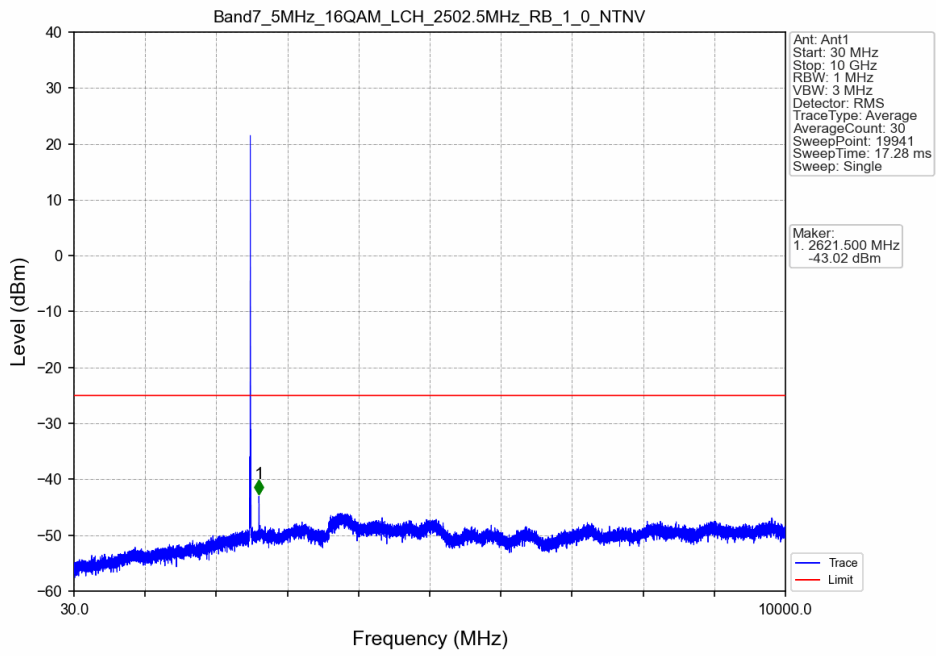
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.11	/	/	/	/	/	/
2570	2571	0.11	/	1	2570.075	-17.13	-10	Pass
2571	2587.5	1	CHP	2	2571.525	-13.58	-10	Pass

Band7\_5MHz\_16QAM\_LCH\_2502.5MHz\_RB\_1\_0\_NTNV

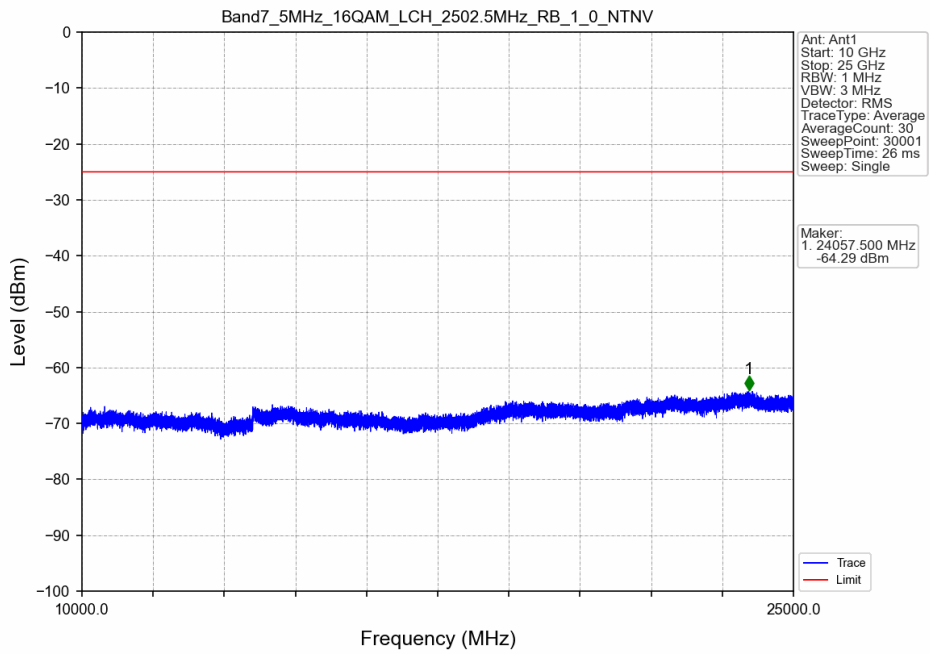


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2496.093	-34.78	-10	Pass
2499	2500	0.1	/	2	2499.963	-11.68	-10	Pass
2500	2507.5	0.1	/	/	/	/	/	/

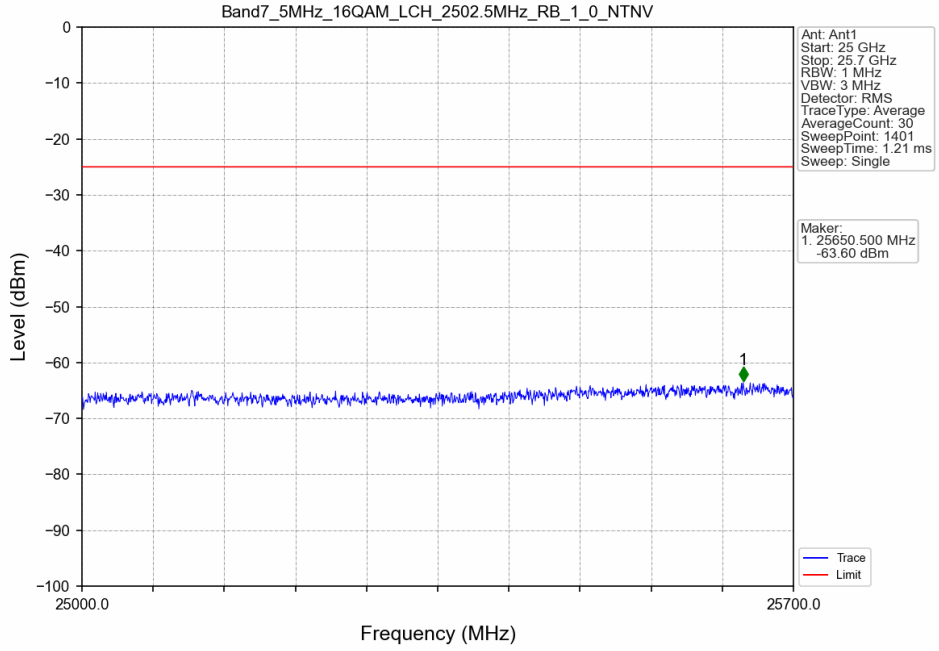
Band7\_5MHz\_16QAM\_LCH\_2502.5MHz\_RB\_1\_0\_NTNV



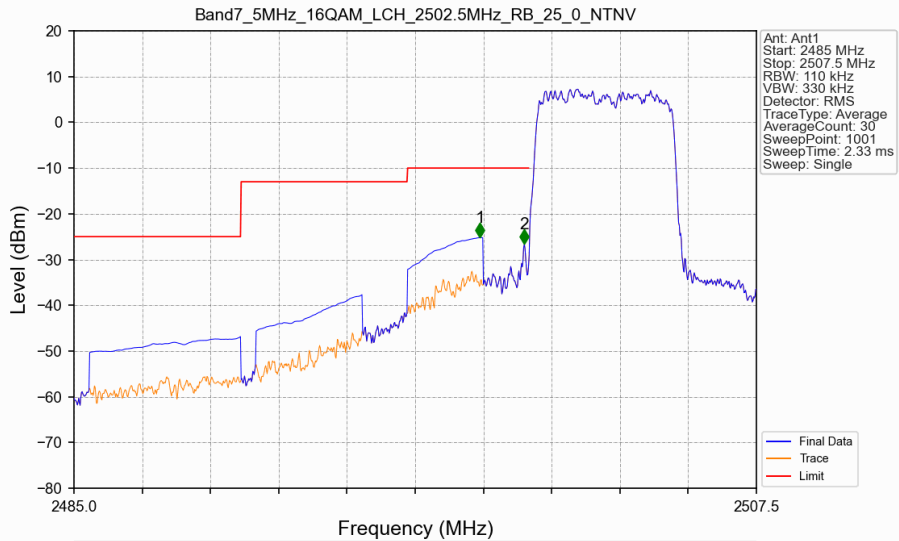
Band7\_5MHz\_16QAM\_LCH\_2502.5MHz\_RB\_1\_0\_NTNV



Band7\_5MHz\_16QAM\_LCH\_2502.5MHz\_RB\_1\_0\_NTNV

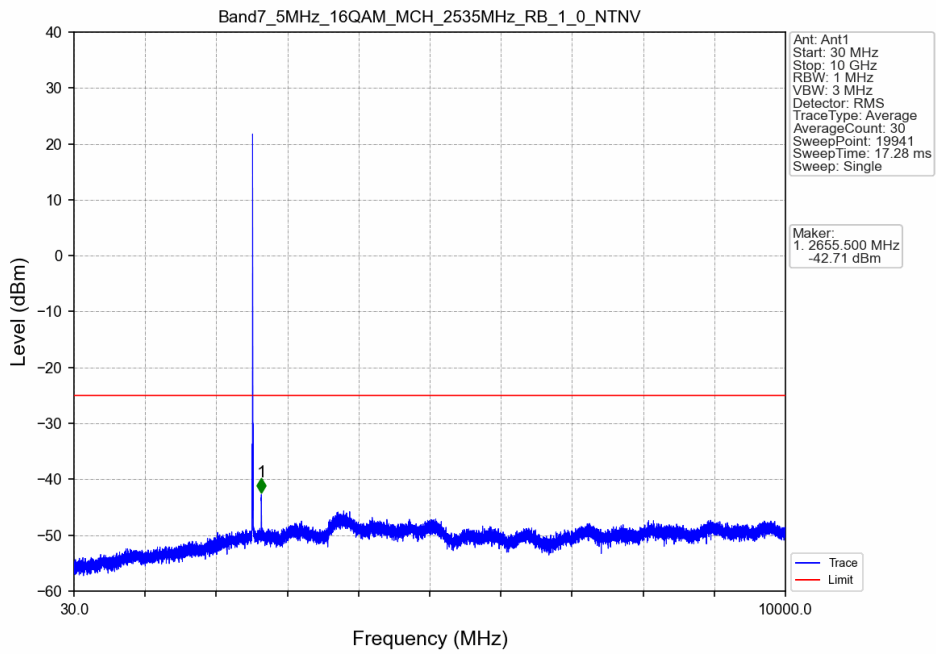


Band7\_5MHz\_16QAM\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV

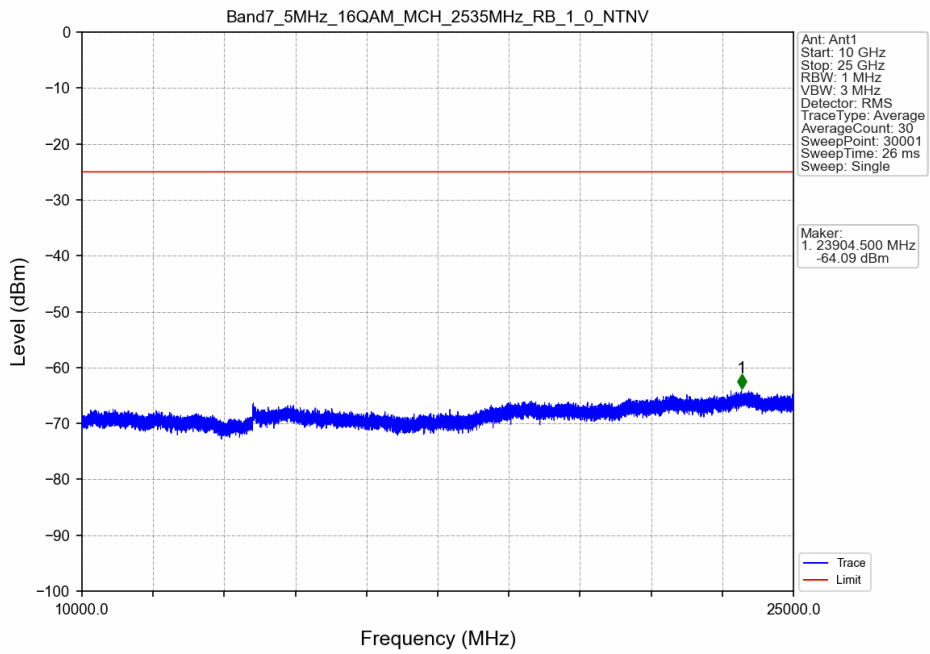


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2498.387	-25.19	-10	Pass
2499	2500	0.11	/	2	2499.850	-26.64	-10	Pass
2500	2507.5	0.11	/	/	/	/	/	/

Band7\_5MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV

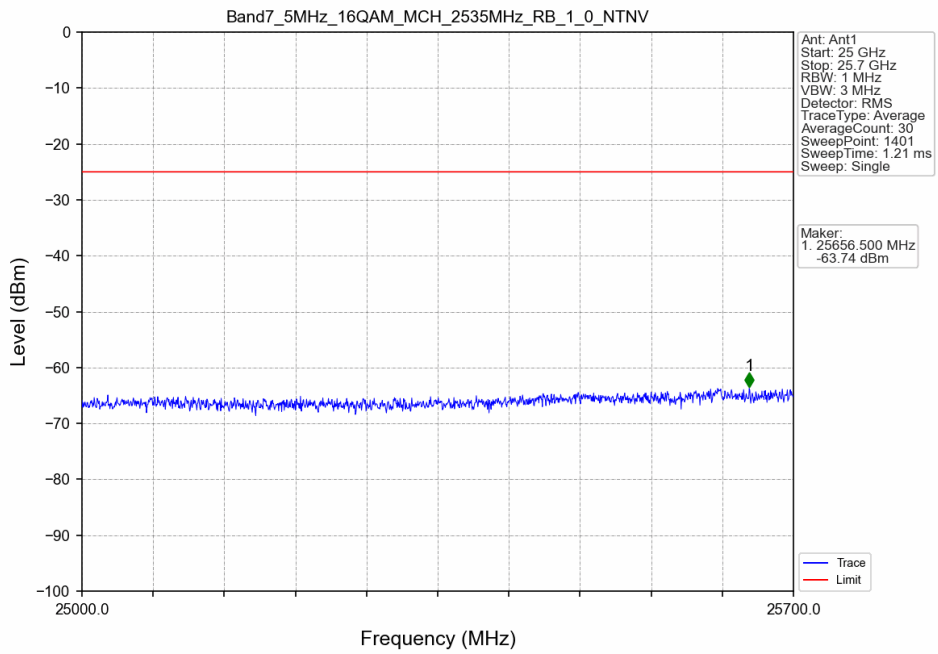


Band7\_5MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV

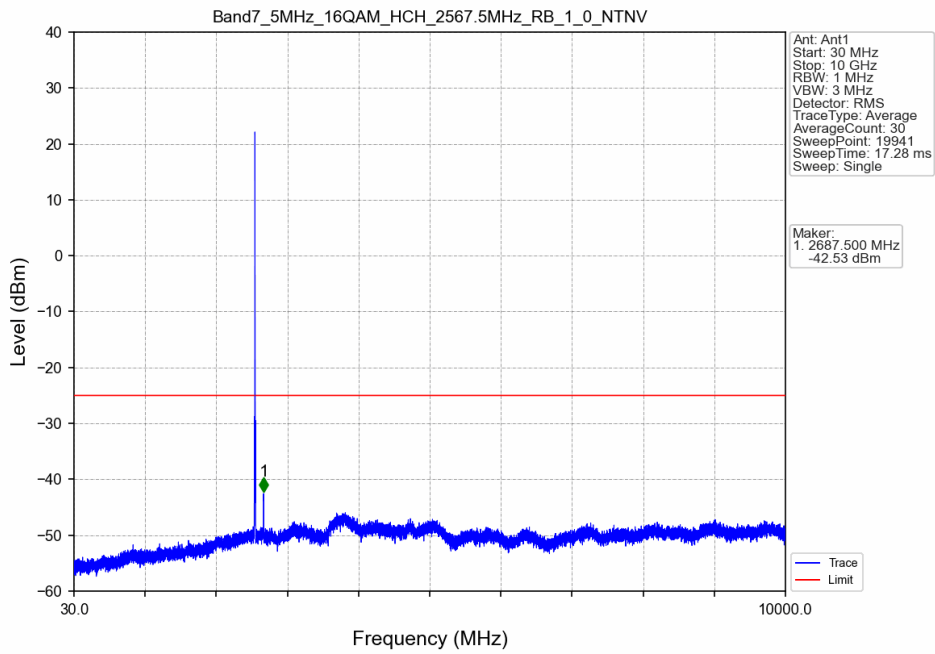




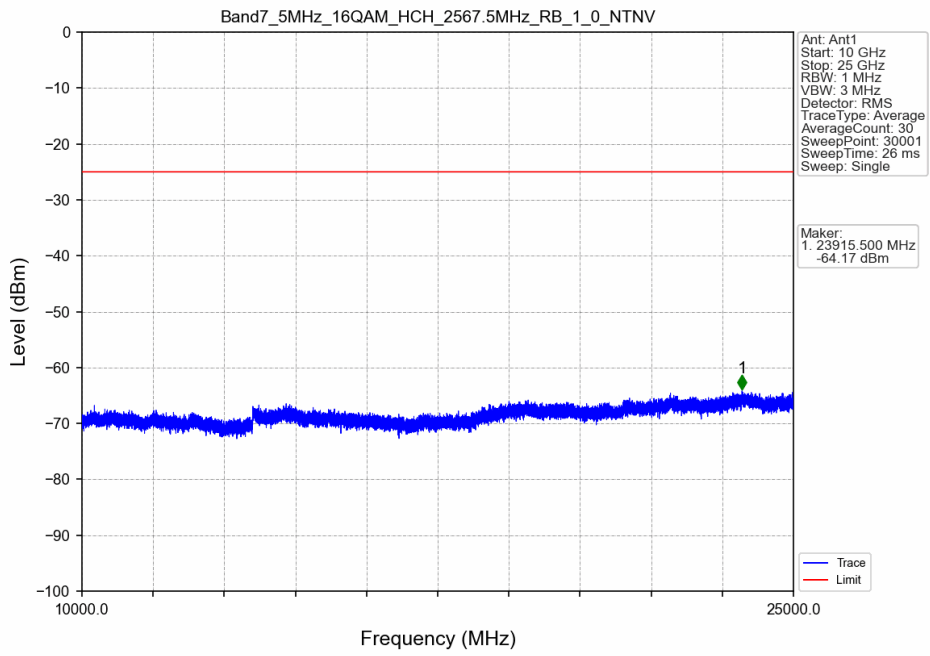
Band7\_5MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



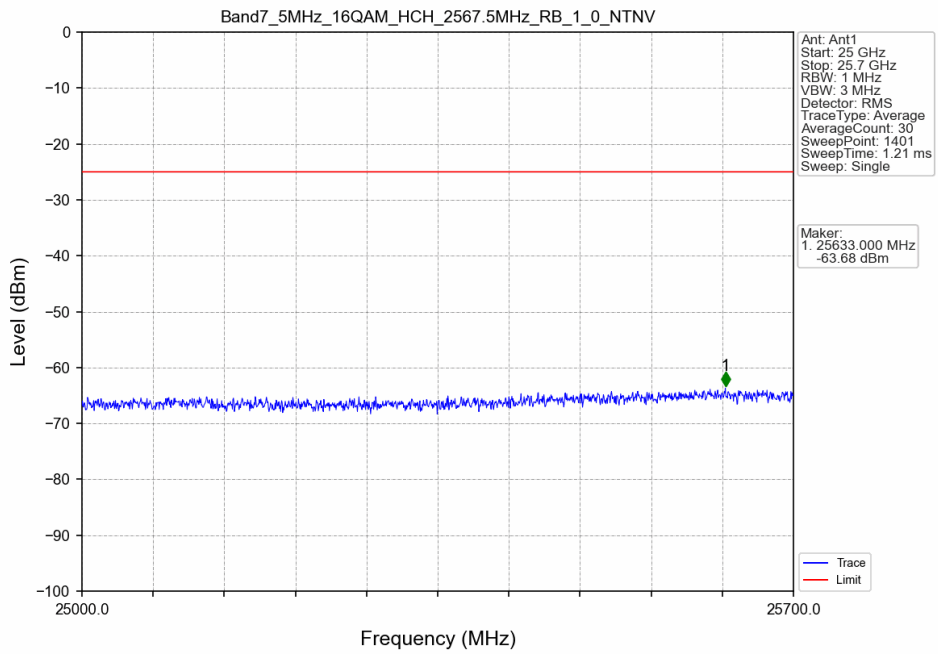
Band7\_5MHz\_16QAM\_HCH\_2567.5MHz\_RB\_1\_0\_NTNV



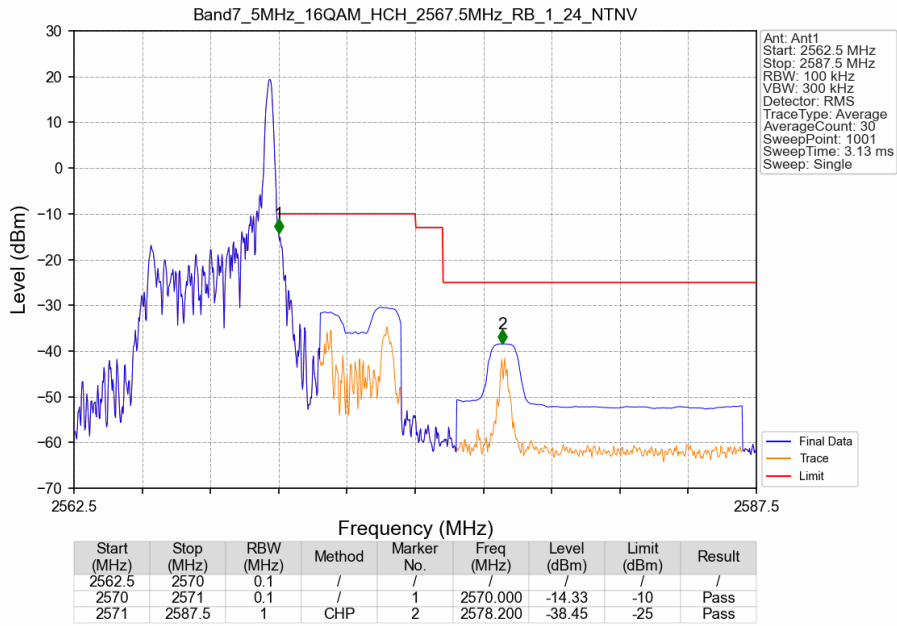
Band7\_5MHz\_16QAM\_HCH\_2567.5MHz\_RB\_1\_0\_NTNV



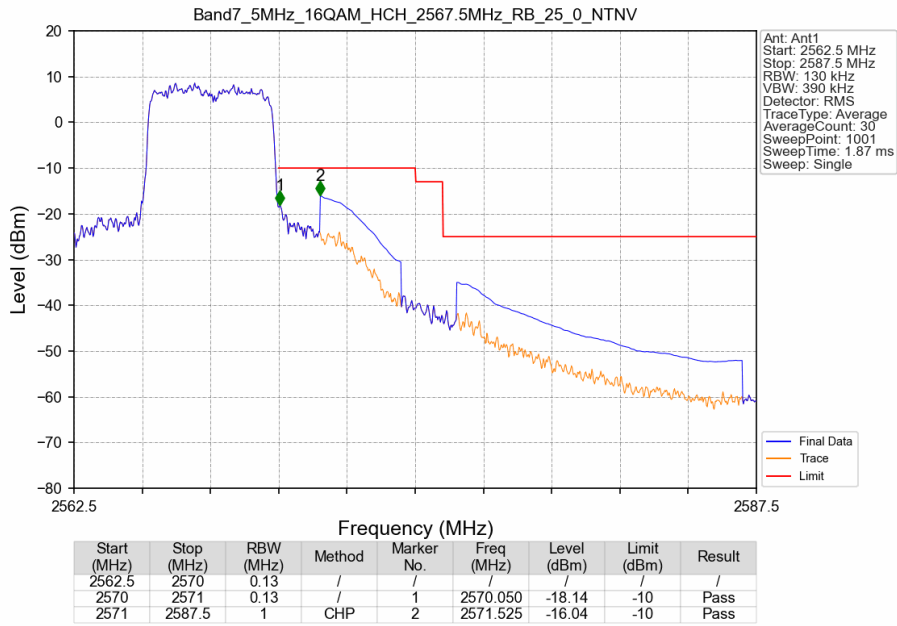
Band7\_5MHz\_16QAM\_HCH\_2567.5MHz\_RB\_1\_0\_NTNV



Band7\_5MHz\_16QAM\_HCH\_2567.5MHz\_RB\_1\_24\_NTNV



Band7\_5MHz\_16QAM\_HCH\_2567.5MHz\_RB\_25\_0\_NTNV

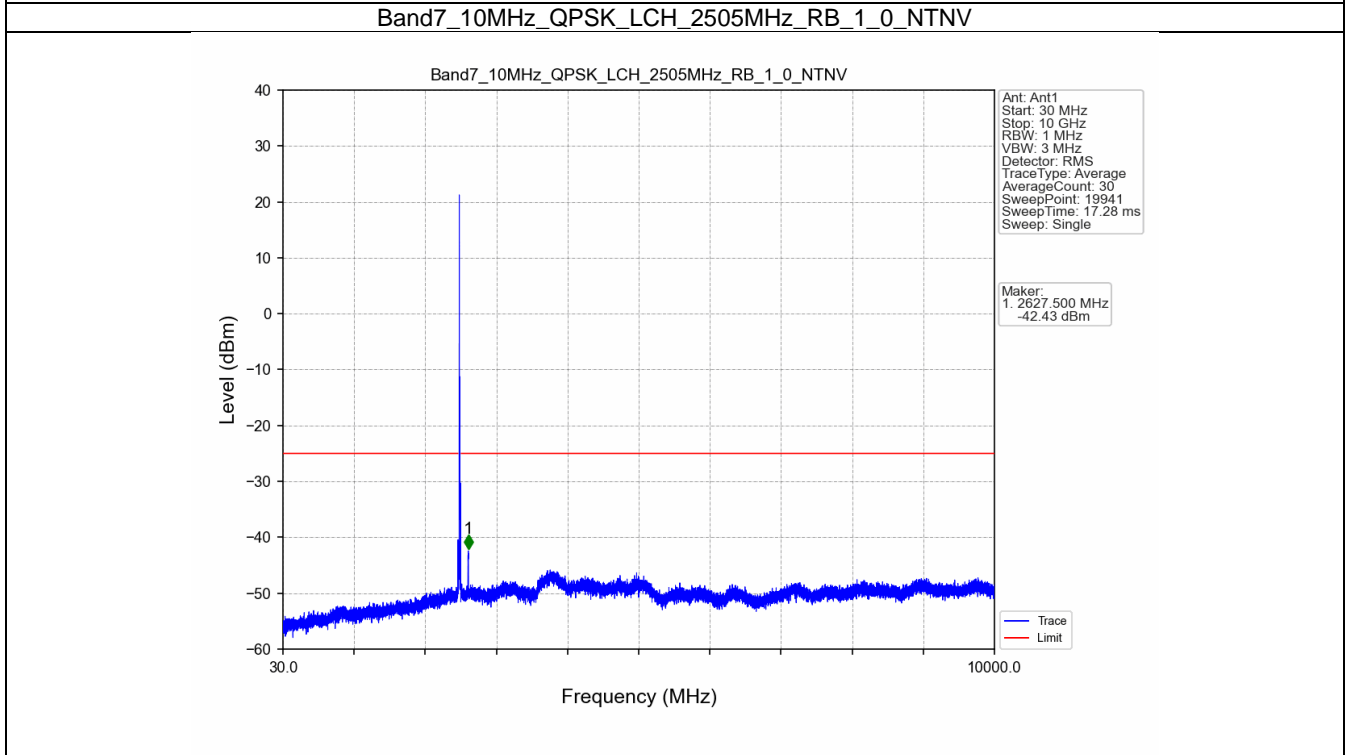
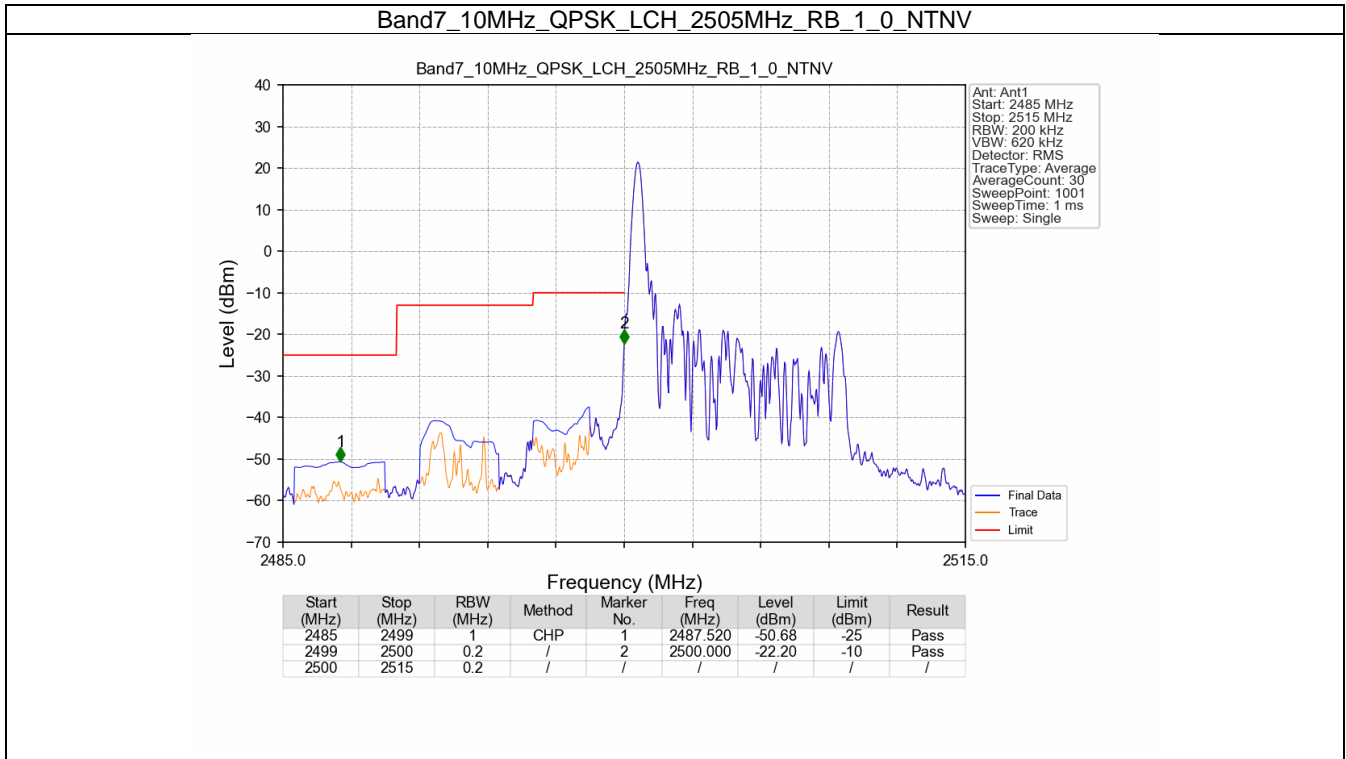


## 5.2 B7\_10MHz

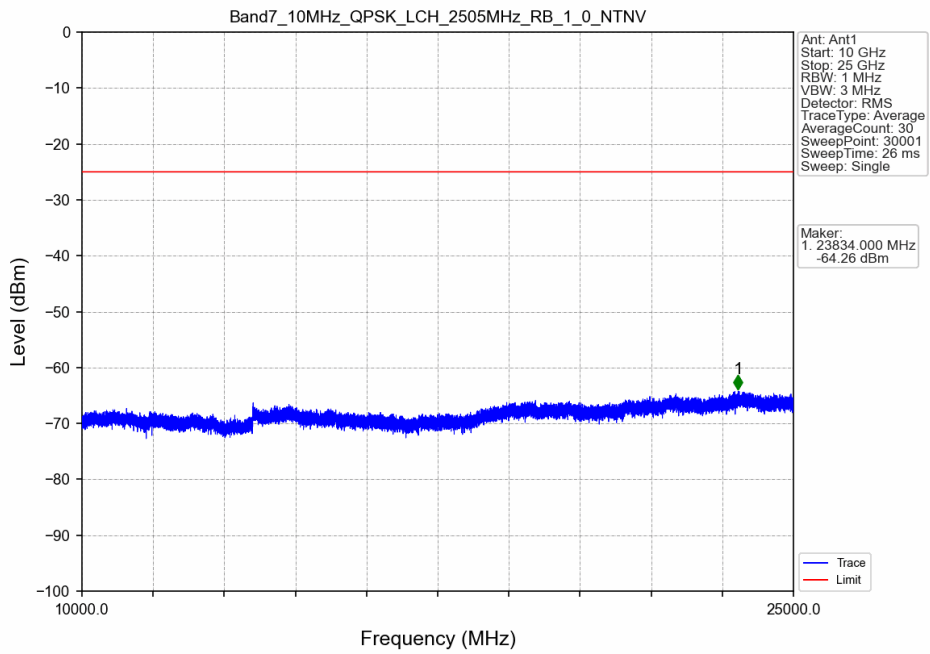
### 5.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	2505	1	0	Refer To Test Graph		Pass	
		50	0	Refer To Test Graph		Pass	
	2535	1	0	Refer To Test Graph		Pass	
	2565	1	0	0	Refer To Test Graph		Pass
			49	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass	
16QAM	2505	1	0	Refer To Test Graph		Pass	
	2535	1	0	Refer To Test Graph		Pass	
	2565	1	0	0	Refer To Test Graph		Pass
			49	0	Refer To Test Graph		Pass

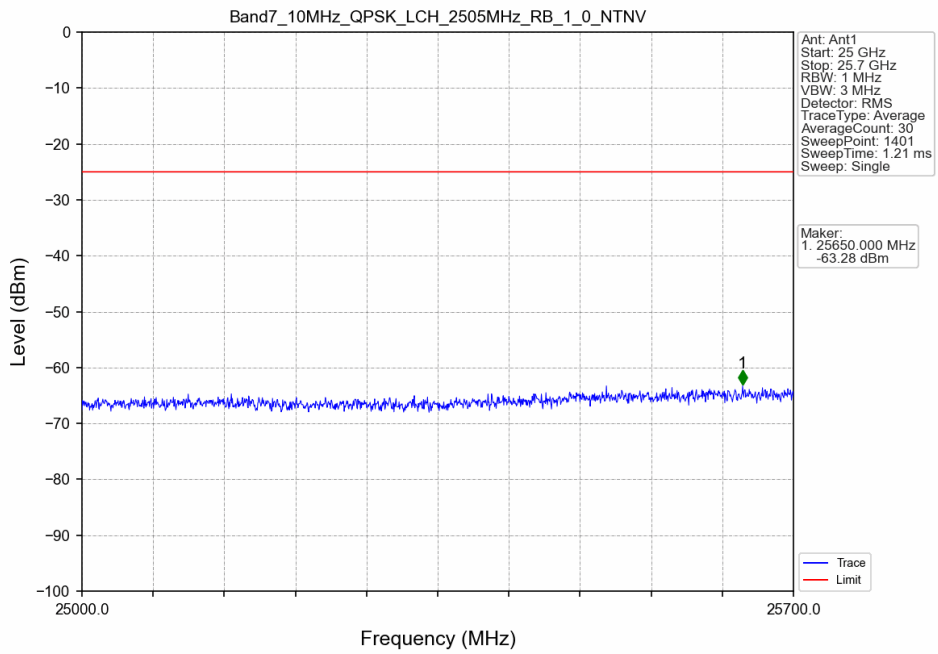
### 5.2.2 Test Graph



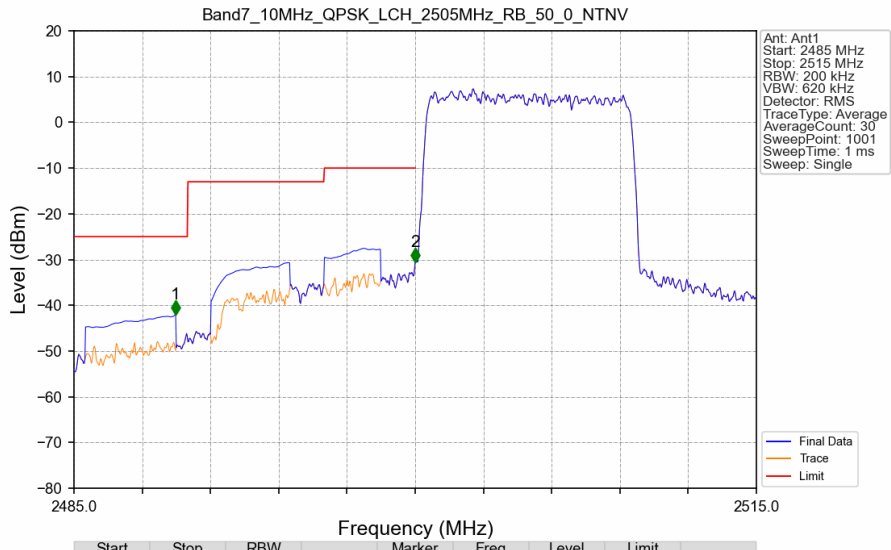
Band7\_10MHz\_QPSK\_LCH\_2505MHz\_RB\_1\_0\_NTNV



Band7\_10MHz\_QPSK\_LCH\_2505MHz\_RB\_1\_0\_NTNV

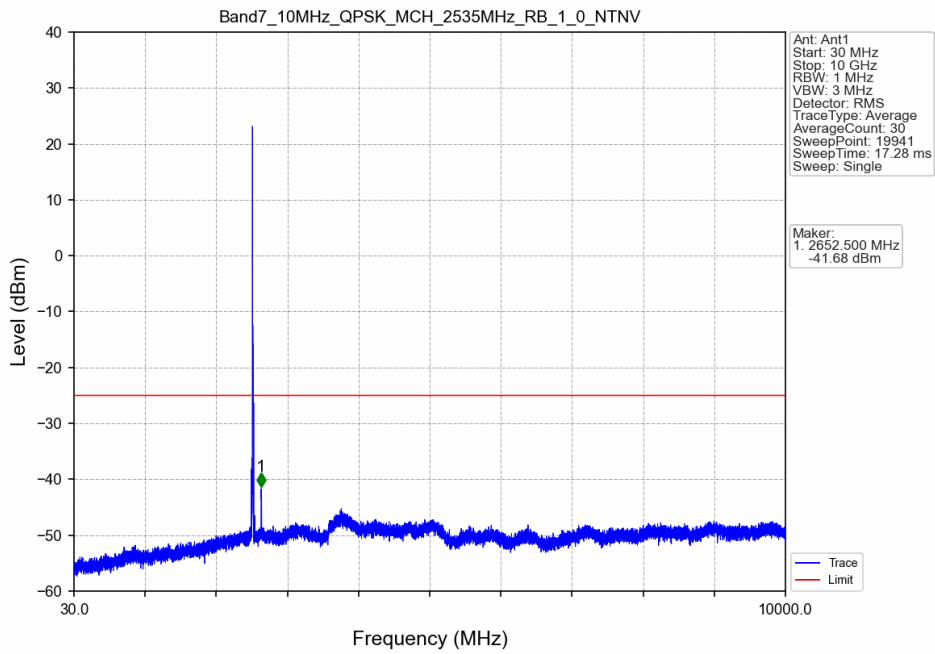


Band7\_10MHz\_QPSK\_LCH\_2505MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2489.470	-42.02	-25	Pass
2499	2500	0.2	/	2	2500.000	-30.55	-10	Pass
2500	2515	0.2	/	/	/	/	/	/

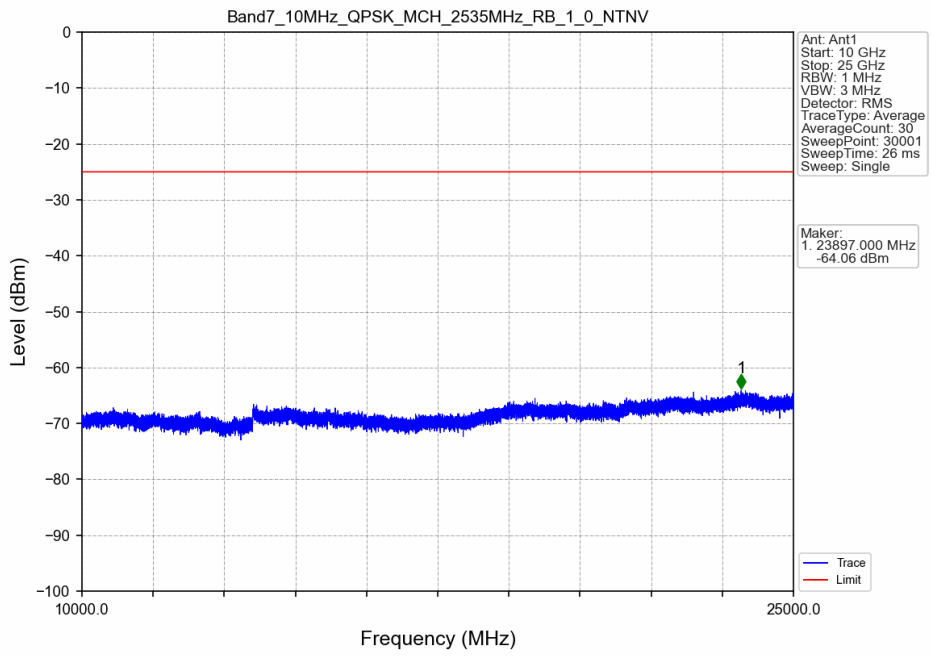
Band7\_10MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



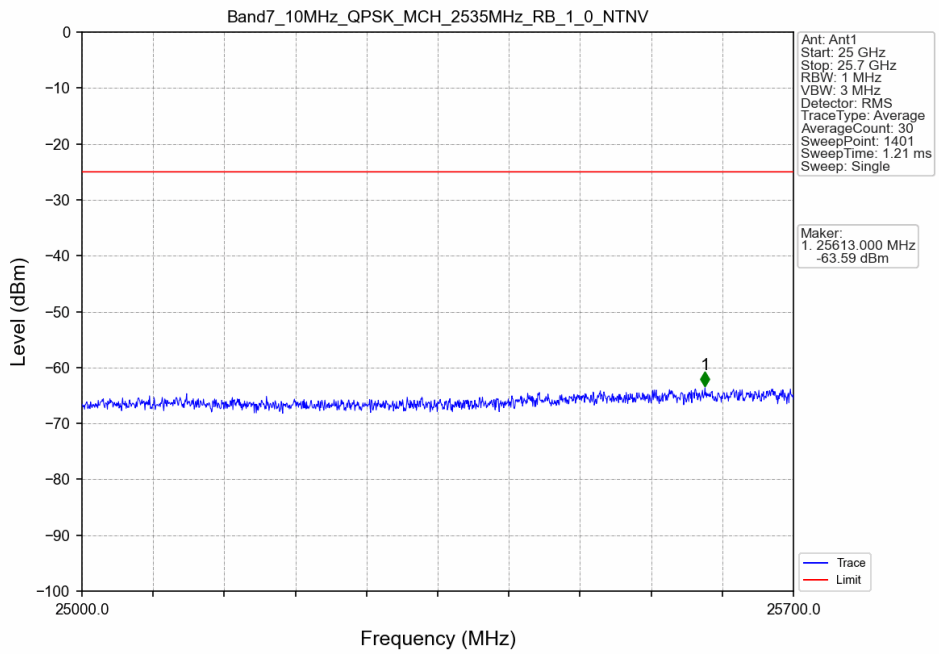
Ant: Ant1  
 Start: 30 MHz  
 Stop: 10 GHz  
 RBW: 1 MHz  
 VBW: 3 MHz  
 Detector: RMS  
 Trace Type: Average  
 Average Count: 30  
 Sweep Point: 19941  
 Sweep Time: 17.28 ms  
 Sweep: Single

Marker:  
 1: 2535.500 MHz  
 -41.68 dBm

Band7\_10MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV

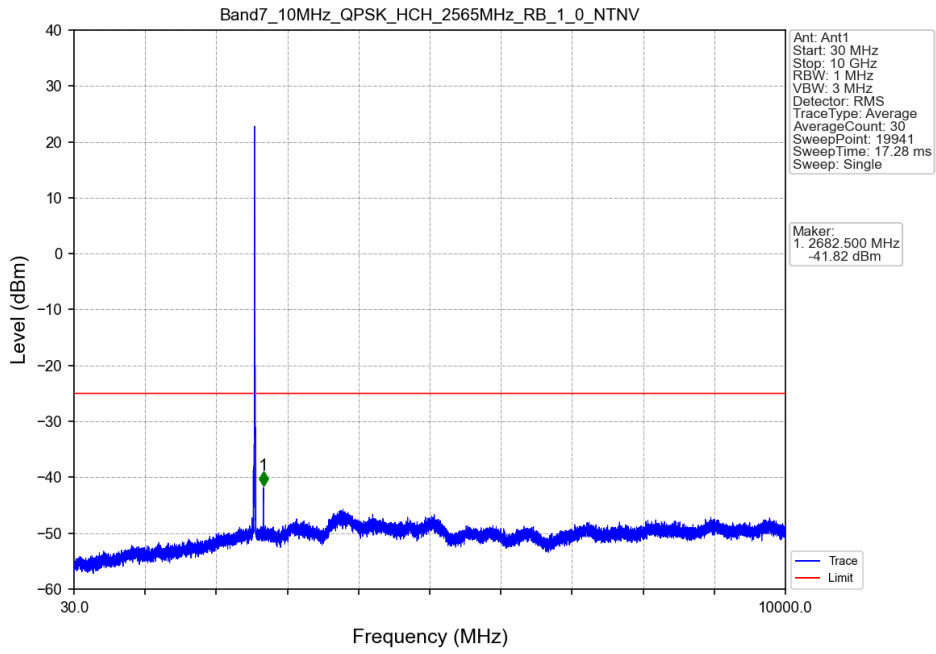


Band7\_10MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV

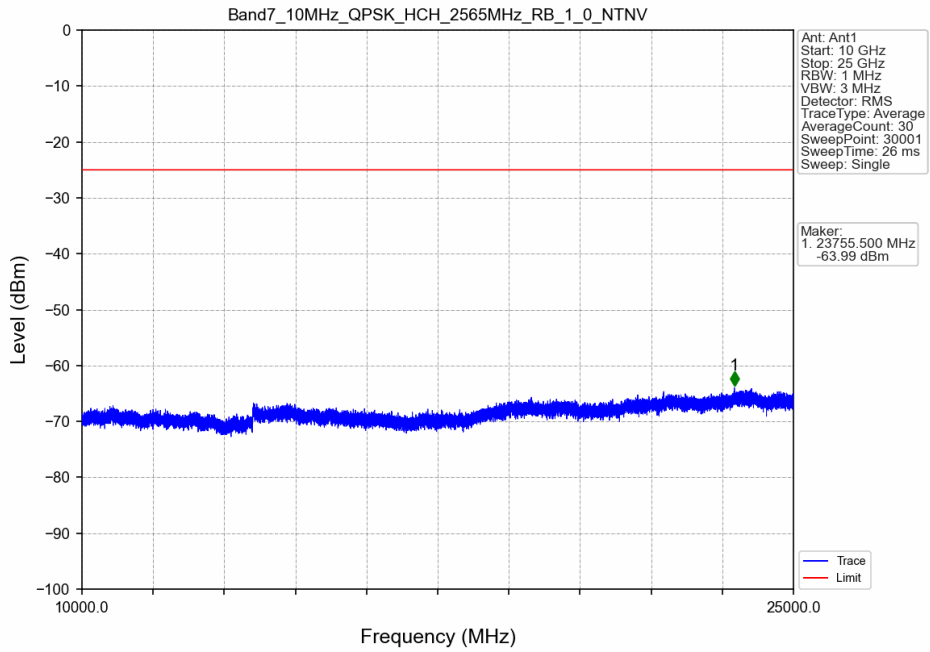




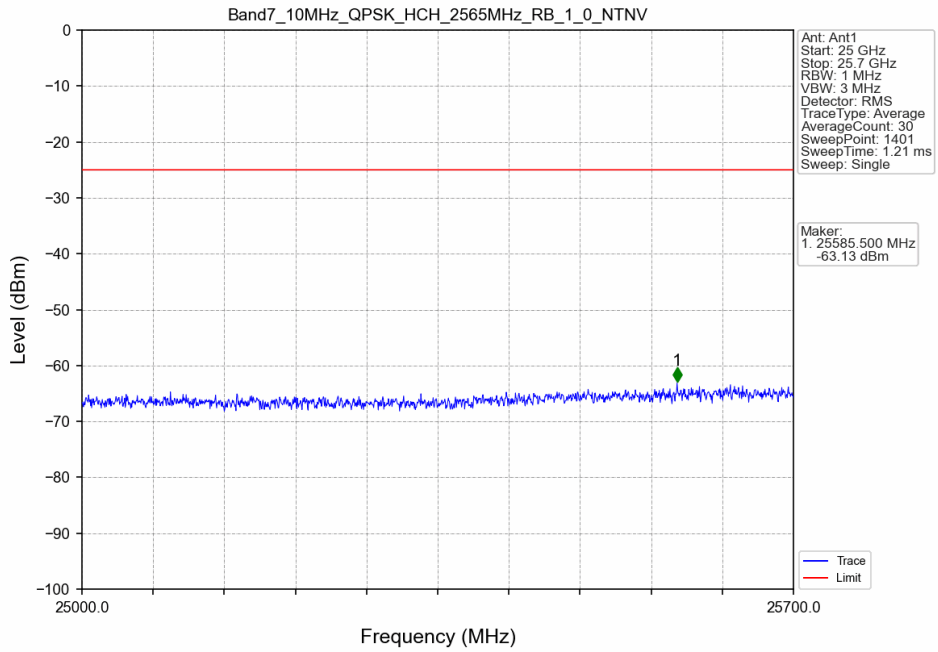
Band7\_10MHz\_QPSK\_HCH\_2565MHz\_RB\_1\_0\_NTNV



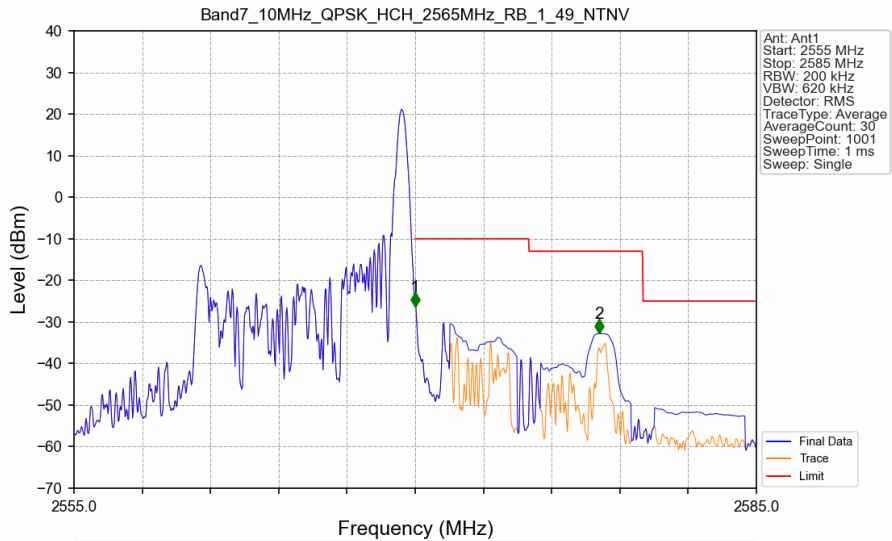
Band7\_10MHz\_QPSK\_HCH\_2565MHz\_RB\_1\_0\_NTNV



Band7\_10MHz\_QPSK\_HCH\_2565MHz\_RB\_1\_0\_NTNV

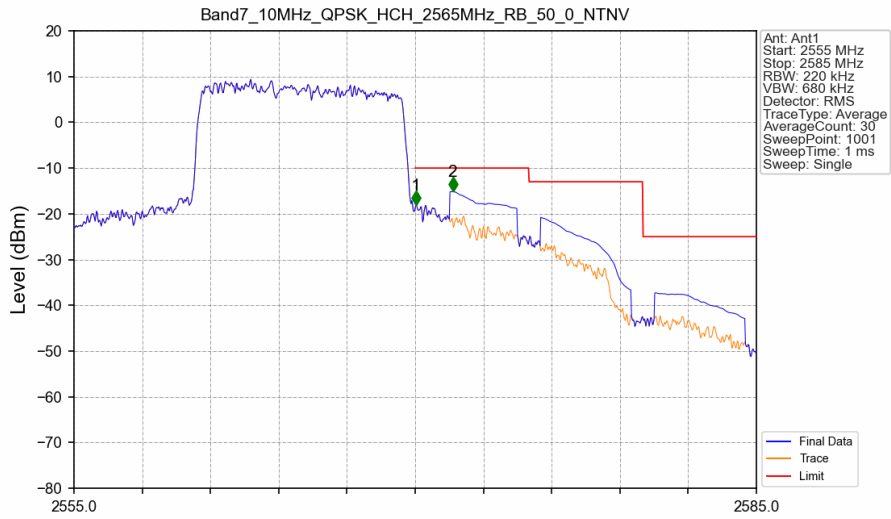


Band7\_10MHz\_QPSK\_HCH\_2565MHz\_RB\_1\_49\_NTNV



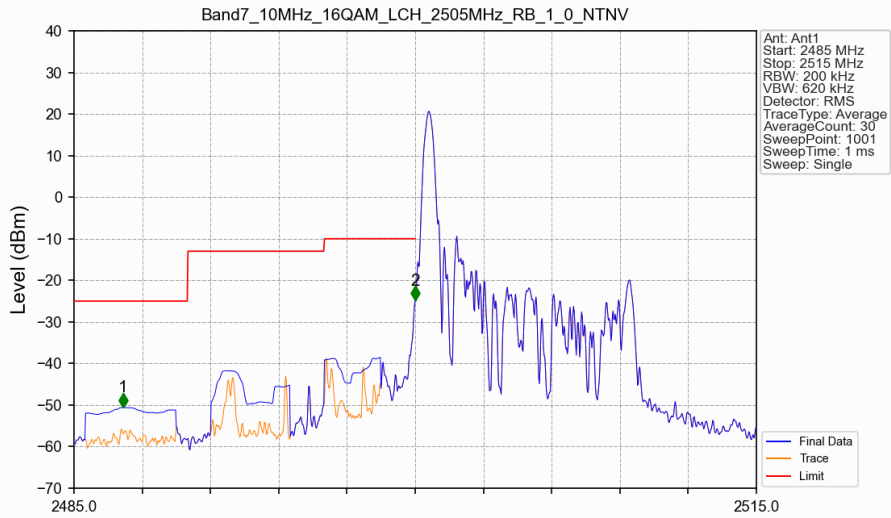
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.2	/	1	2570.000	-26.32	-10	Pass
2570	2571	0.2	/	1	2570.000	-26.32	-10	Pass
2571	2585	1	CHP	2	2578.100	-32.82	-13	Pass

Band7\_10MHz\_QPSK\_HCH\_2565MHz\_RB\_50\_0\_NTNV



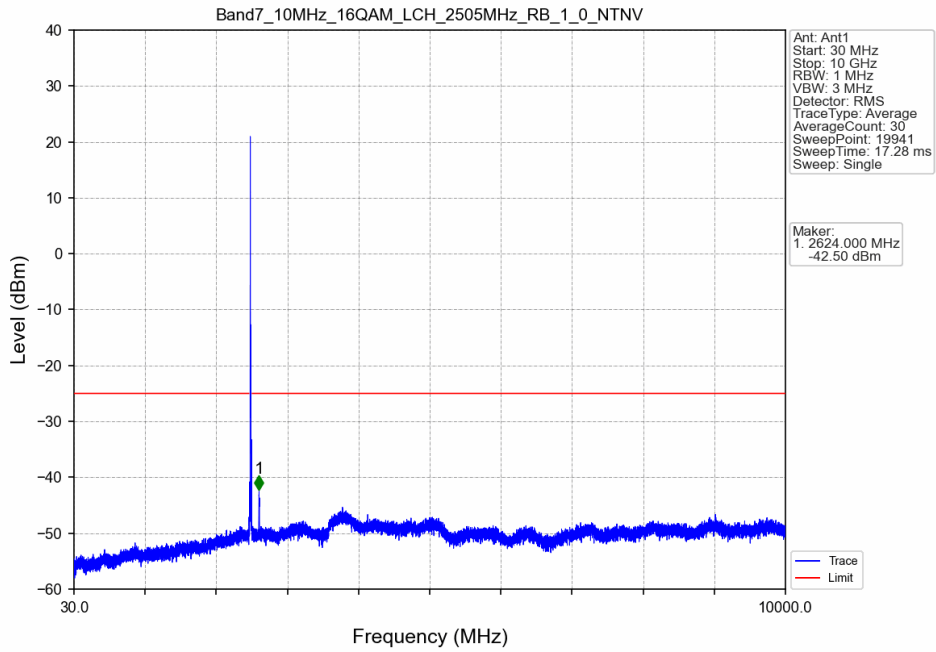
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.22	/	/	/	/	/	/
2570	2571	0.22	/	1	2570.030	-18.14	-10	Pass
2571	2585	1	CHP	2	2571.650	-15.13	-10	Pass

Band7\_10MHz\_16QAM\_LCH\_2505MHz\_RB\_1\_0\_NTNV

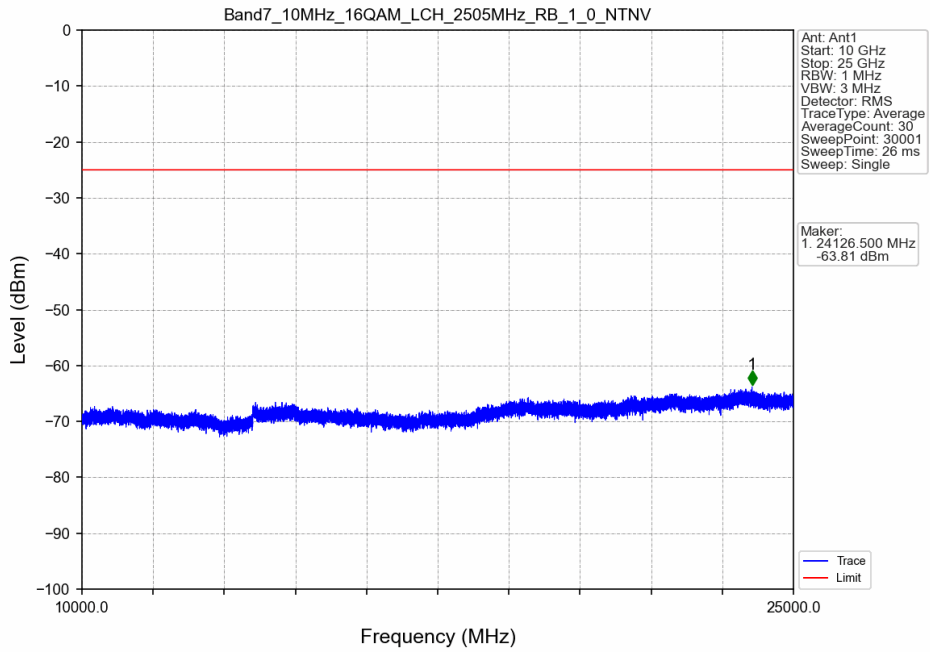


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2487.160	-50.53	-25	Pass
2499	2500	0.2	/	2	2500.000	-24.87	-10	Pass
2500	2515	0.2	/	/	/	/	/	/

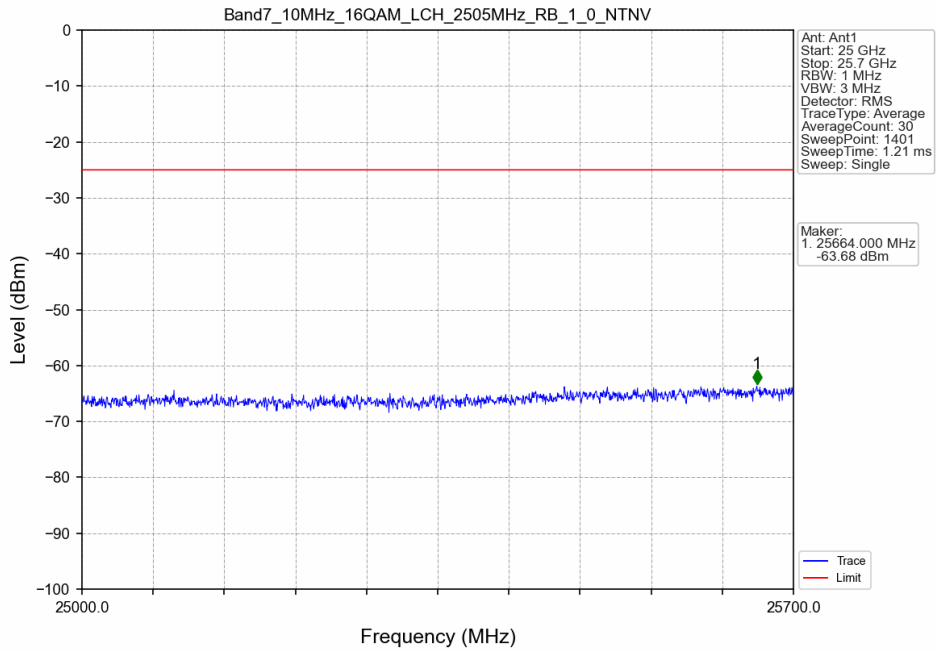
Band7\_10MHz\_16QAM\_LCH\_2505MHz\_RB\_1\_0\_NTNV



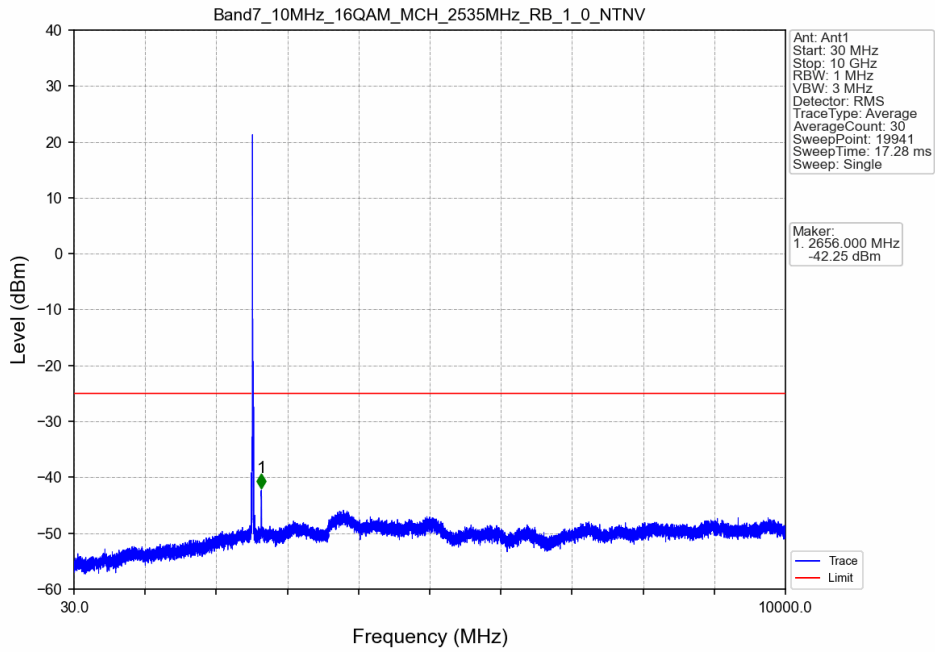
Band7\_10MHz\_16QAM\_LCH\_2505MHz\_RB\_1\_0\_NTNV



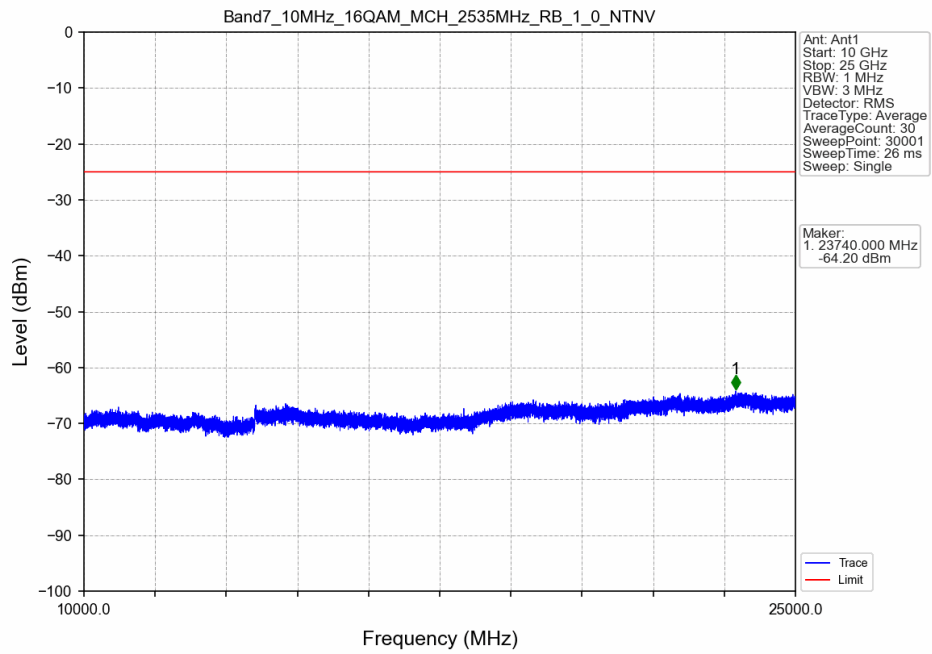
Band7\_10MHz\_16QAM\_LCH\_2505MHz\_RB\_1\_0\_NTNV



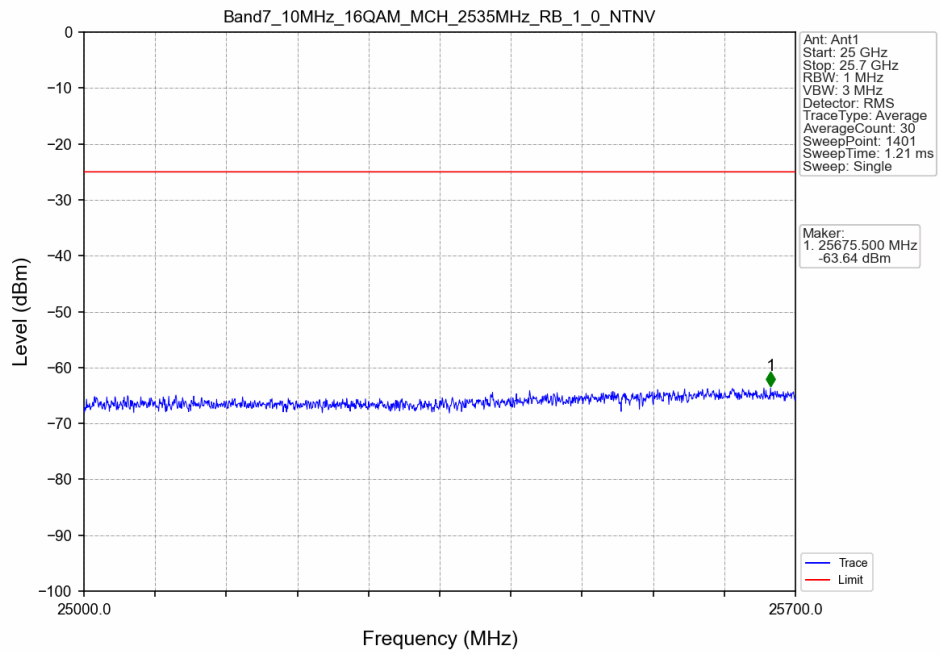
Band7\_10MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



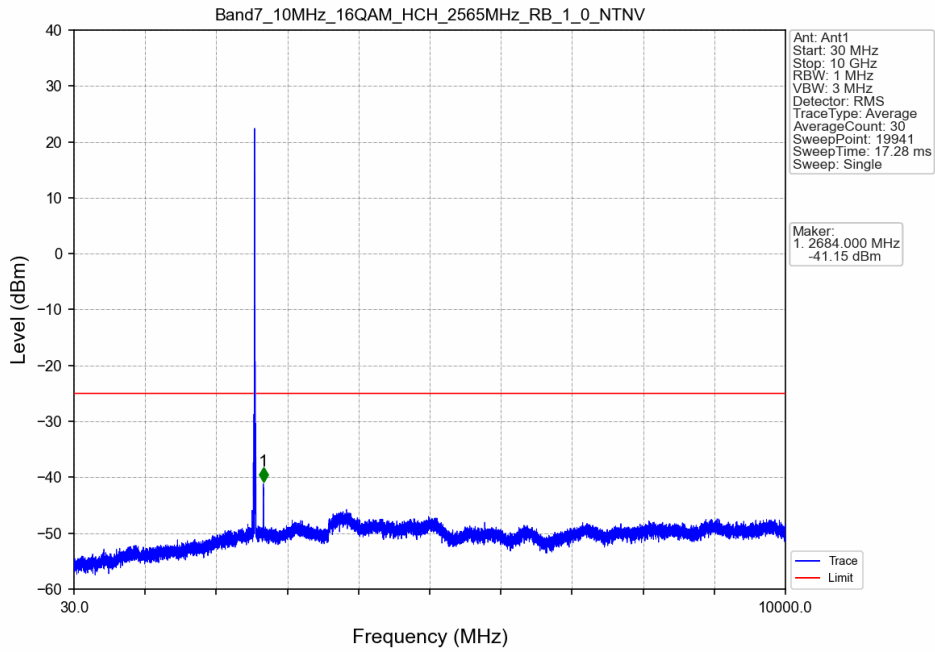
Band7\_10MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



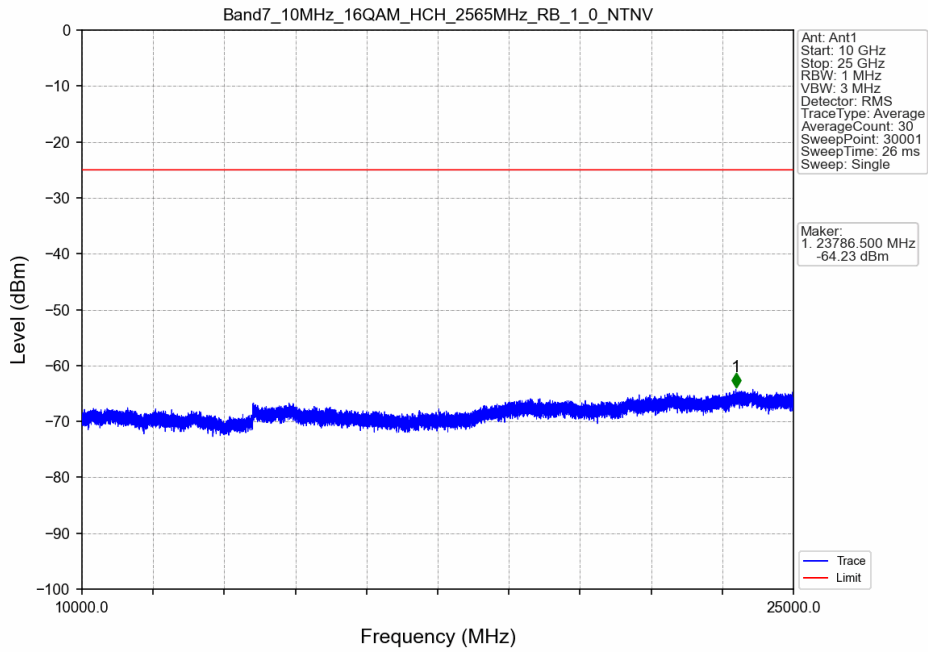
Band7\_10MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



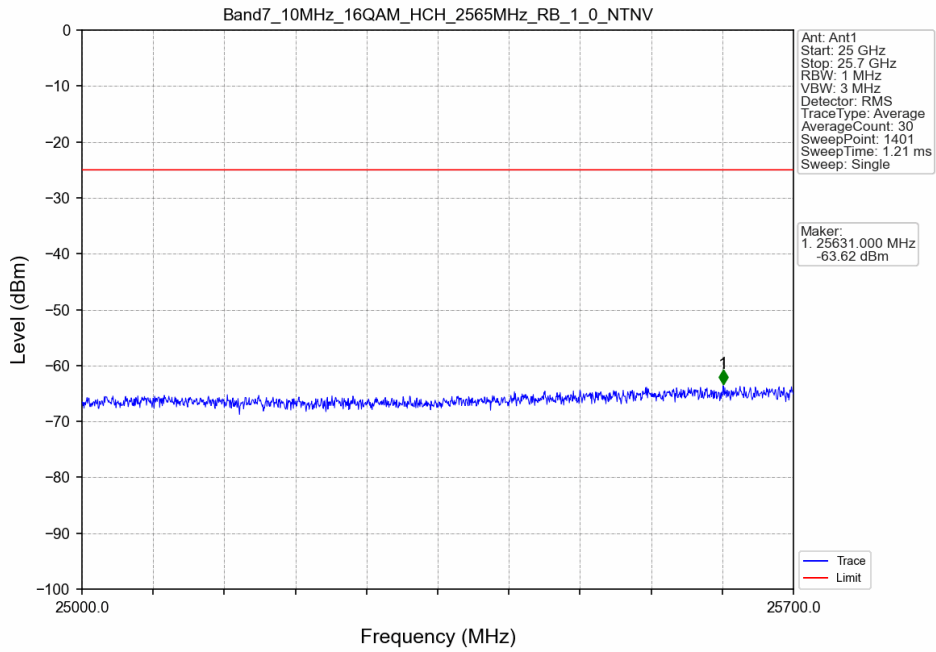
Band7\_10MHz\_16QAM\_HCH\_2565MHz\_RB\_1\_0\_NTNV



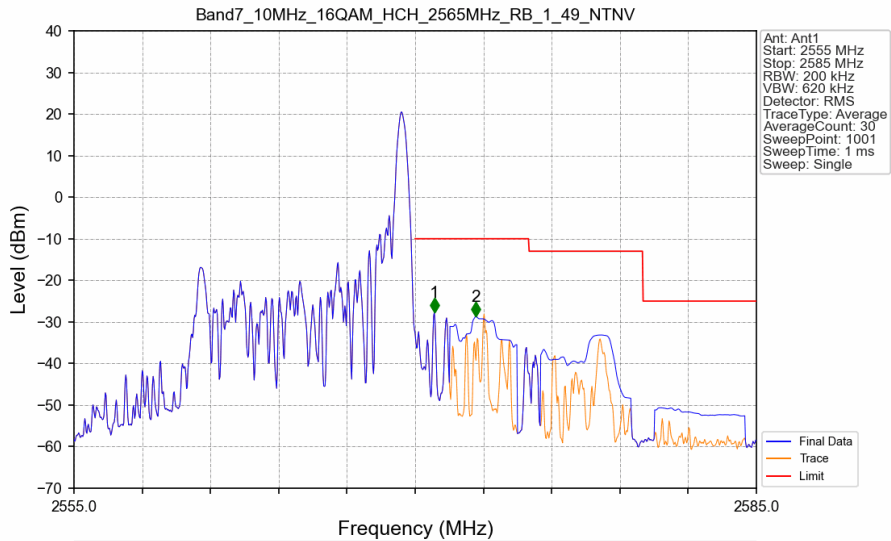
Band7\_10MHz\_16QAM\_HCH\_2565MHz\_RB\_1\_0\_NTNV



Band7\_10MHz\_16QAM\_HCH\_2565MHz\_RB\_1\_0\_NTNV



Band7\_10MHz\_16QAM\_HCH\_2565MHz\_RB\_1\_49\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.2	/	1	2570.840	-27.67	-10	Pass
2570	2571	0.2	/	1	2570.840	-27.67	-10	Pass
2571	2585	1	CHP	2	2572.670	-28.71	-10	Pass

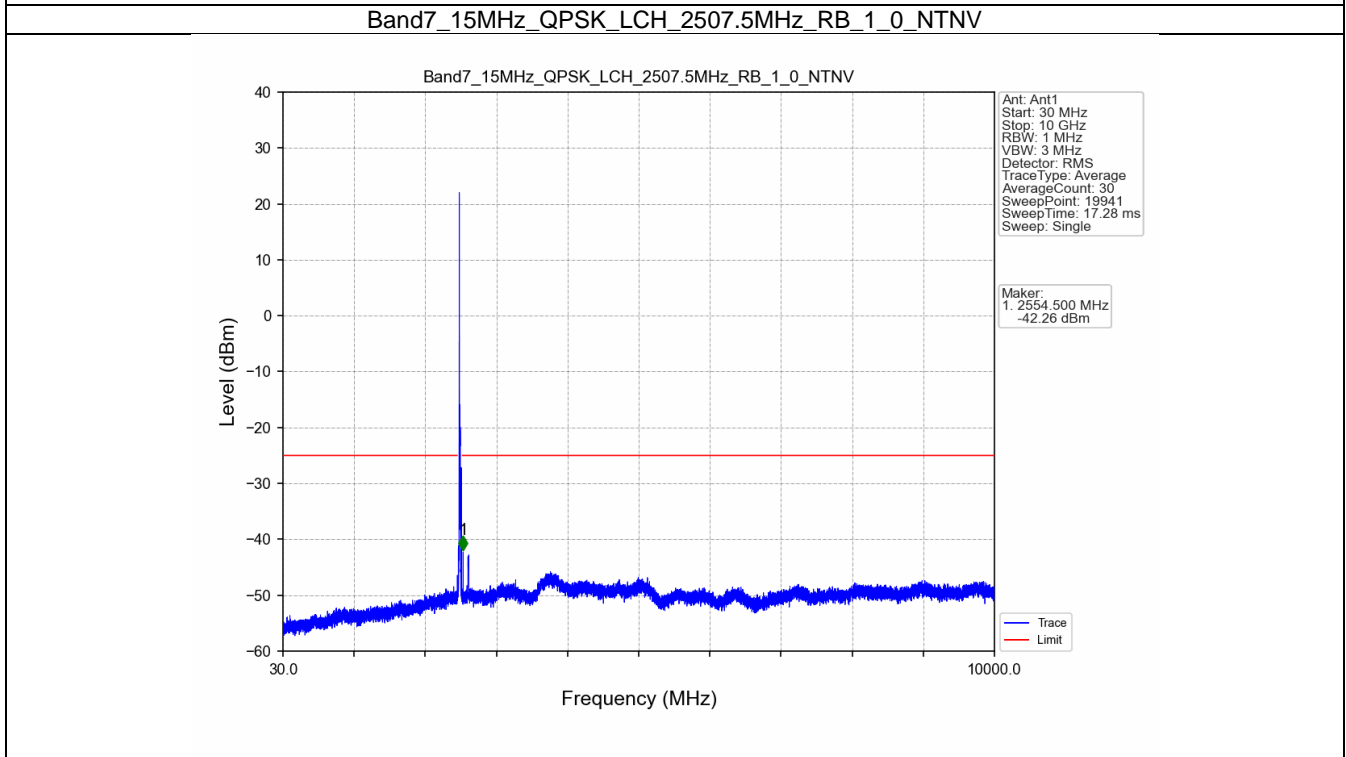
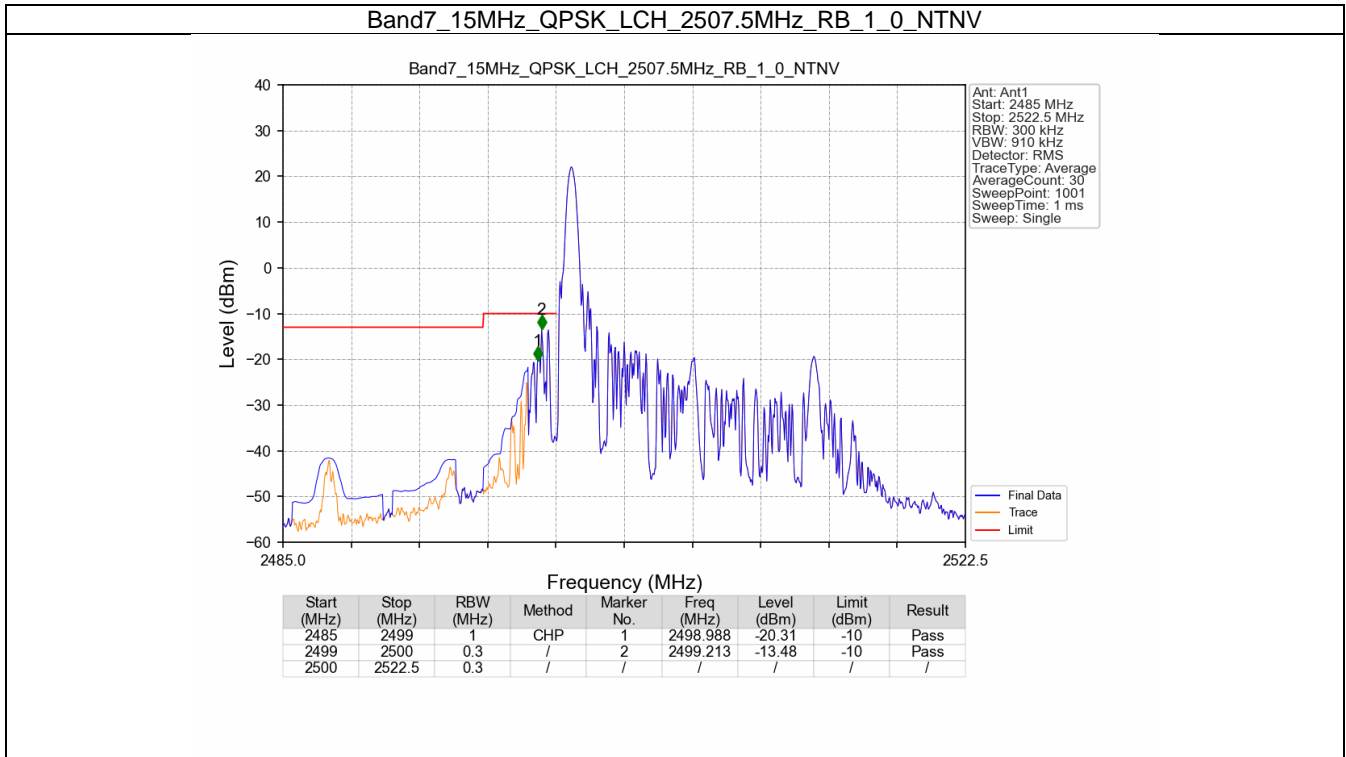


## 5.3 B7\_15MHz

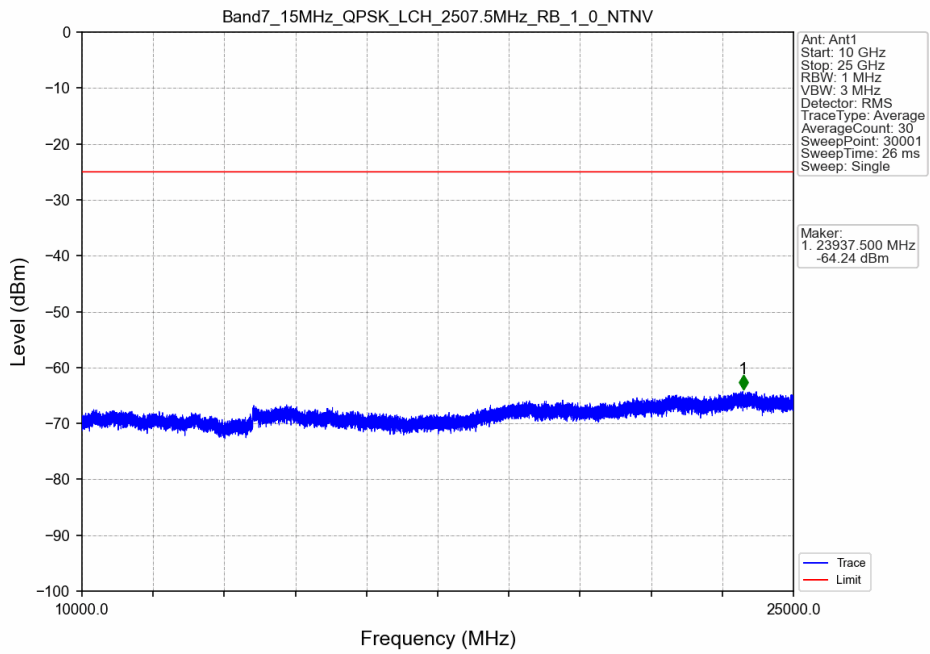
### 5.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2507.5	1	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass

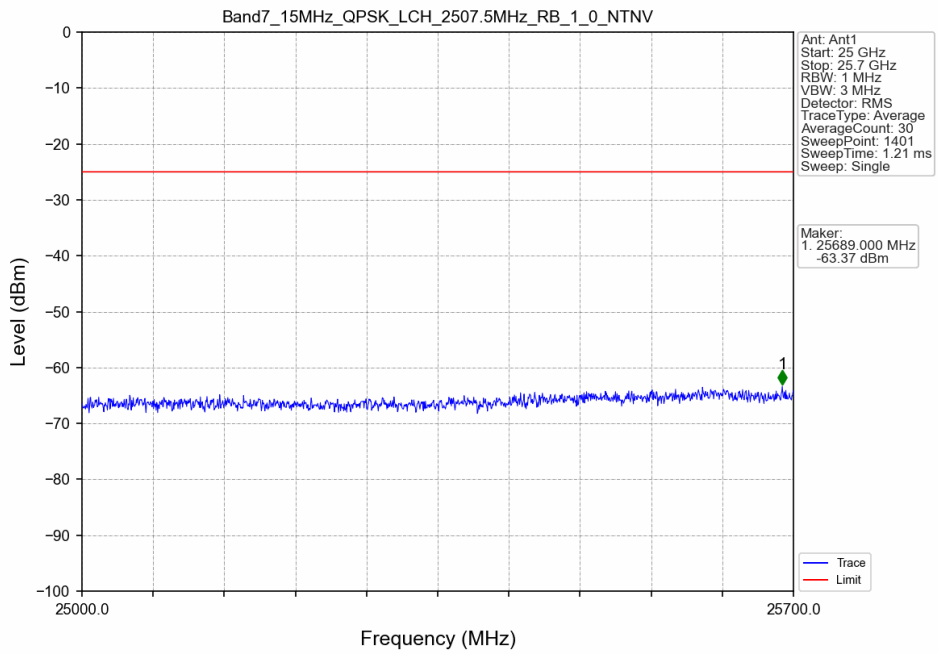
### 5.3.2 Test Graph



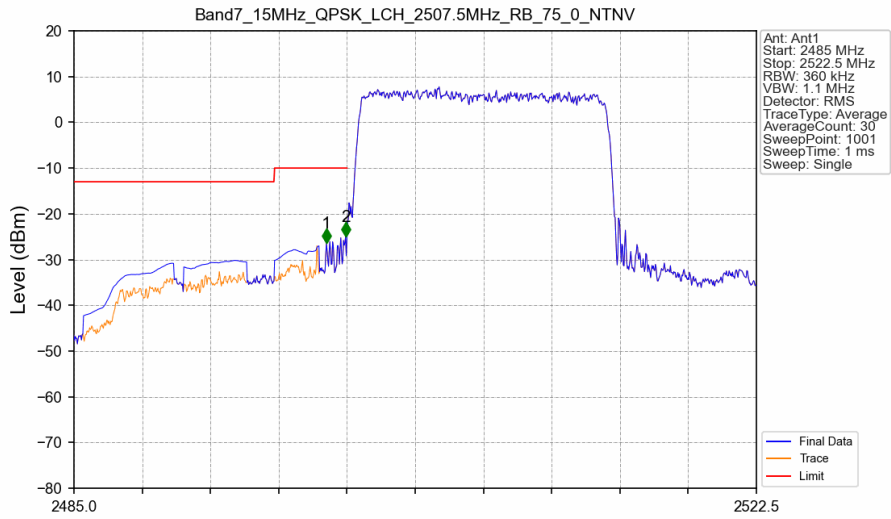
Band7\_15MHz\_QPSK\_LCH\_2507.5MHz\_RB\_1\_0\_NTNV



Band7\_15MHz\_QPSK\_LCH\_2507.5MHz\_RB\_1\_0\_NTNV

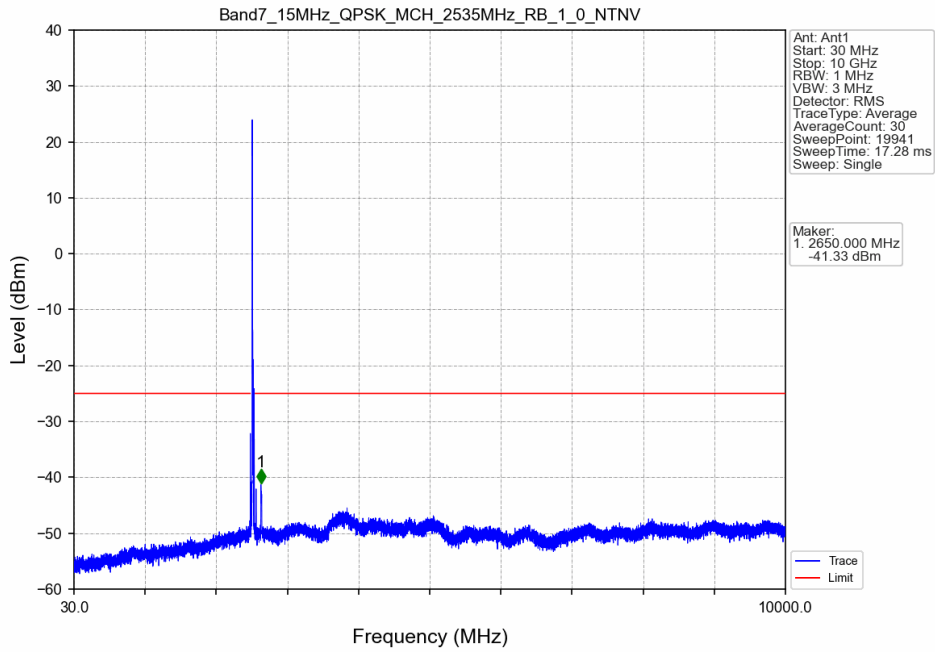


Band7\_15MHz\_QPSK\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2498.875	-26.43	-10	Pass
2499	2500	0.36	/	2	2499.925	-24.99	-10	Pass
2500	2522.5	0.36	/	/	/	/	/	/

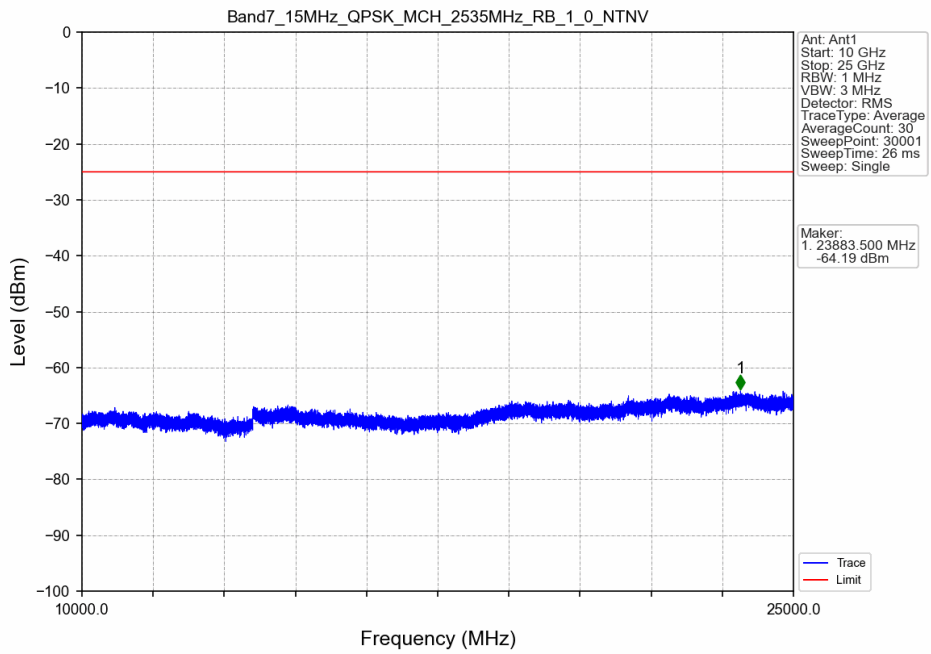
Band7\_15MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



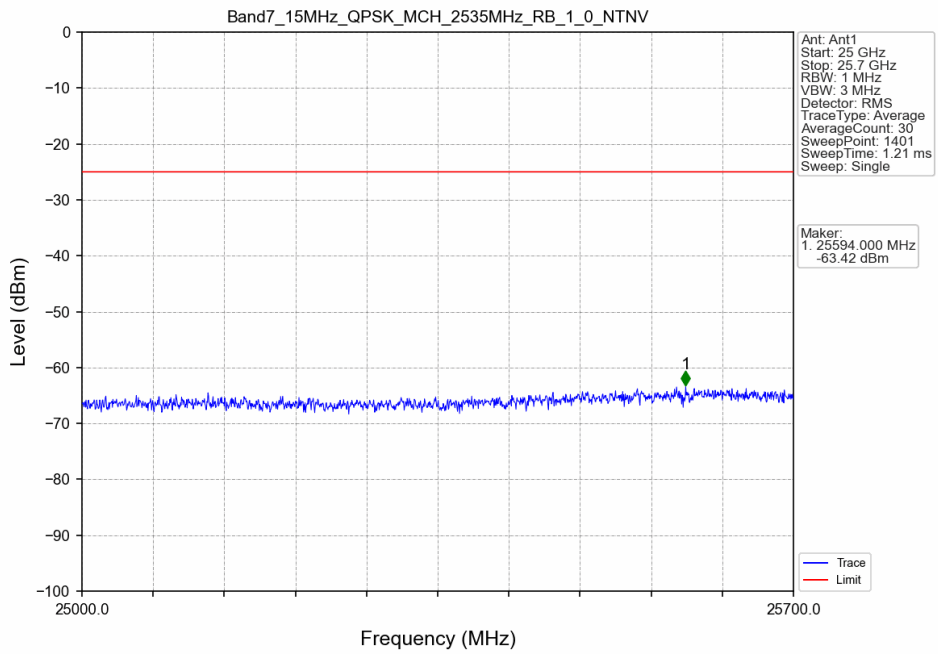
Ant: Ant1  
 Start: 30 MHz  
 Stop: 10 GHz  
 RBW: 1 MHz  
 VBW: 3 MHz  
 Detector: RMS  
 Trace Type: Average  
 Average Count: 30  
 Sweep Point: 19941  
 Sweep Time: 17.28 ms  
 Sweep: Single

Marker:  
 1. 2650.000 MHz  
 -41.33 dBm

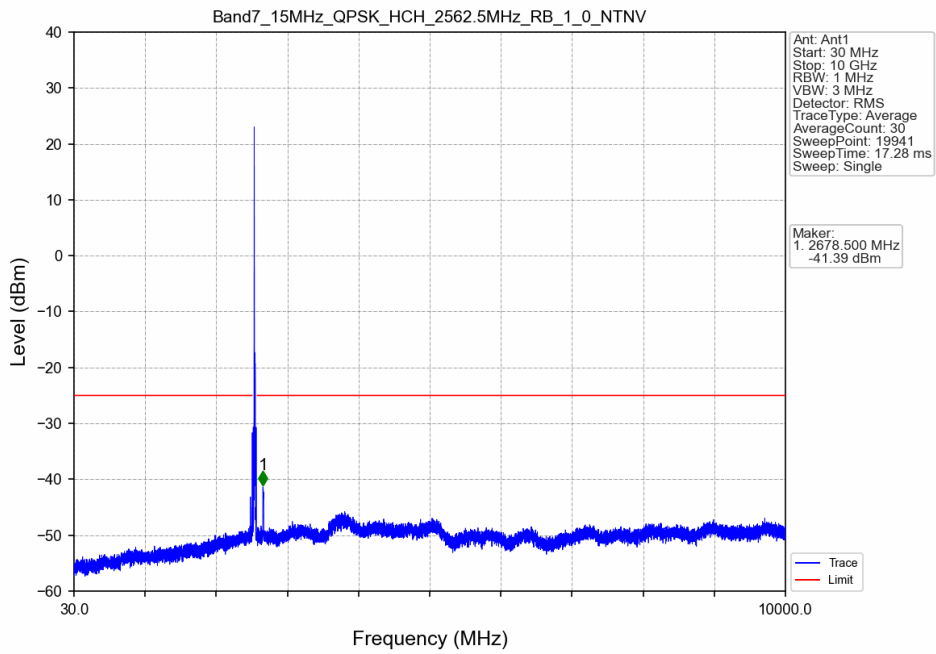
Band7\_15MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



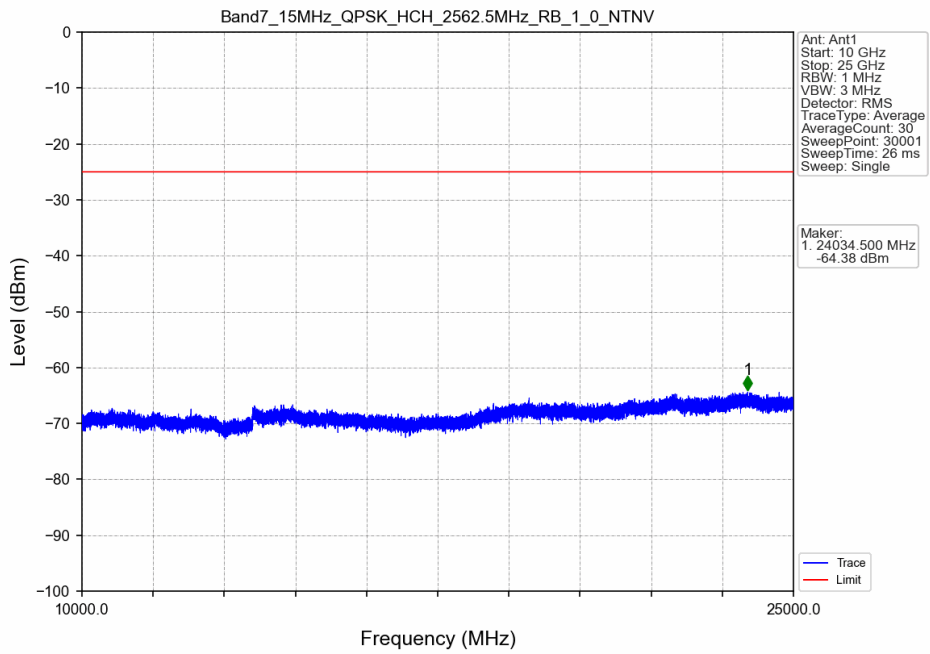
Band7\_15MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



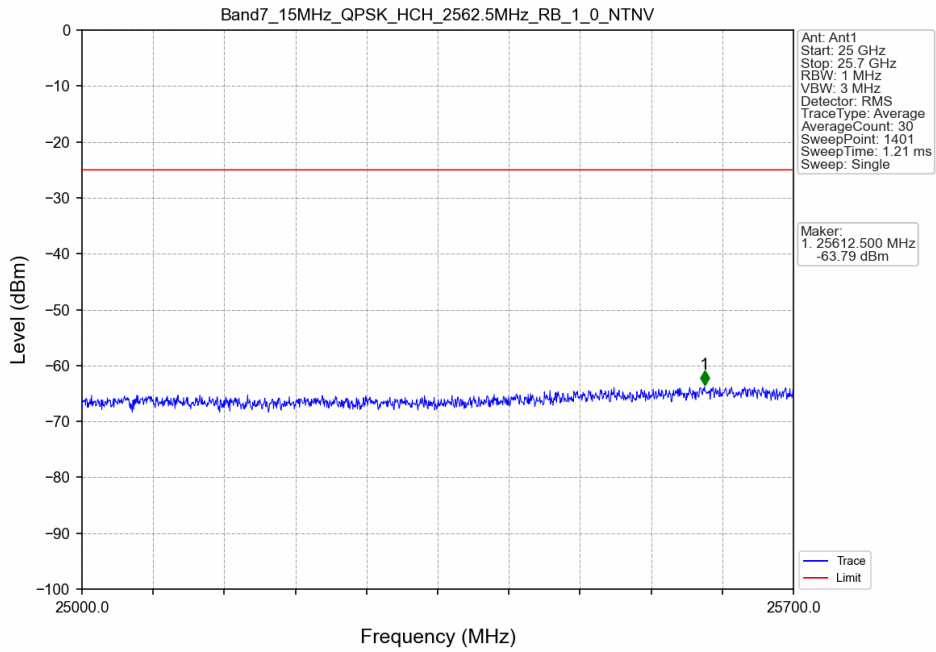
Band7\_15MHz\_QPSK\_HCH\_2562.5MHz\_RB\_1\_0\_NTNV



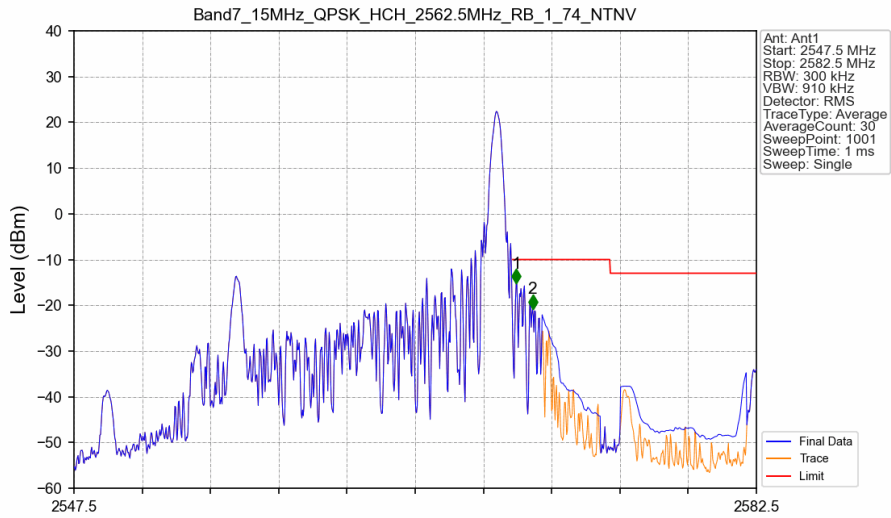
Band7\_15MHz\_QPSK\_HCH\_2562.5MHz\_RB\_1\_0\_NTNV



Band7\_15MHz\_QPSK\_HCH\_2562.5MHz\_RB\_1\_0\_NTNV

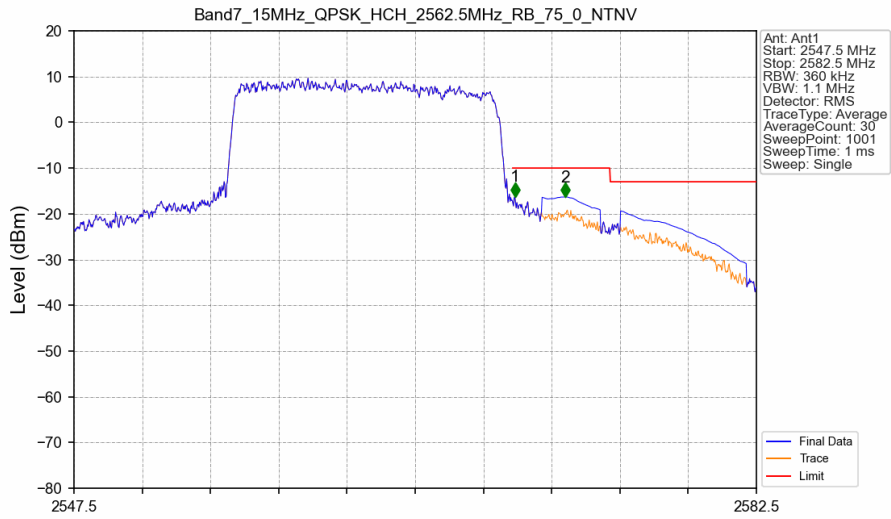


Band7\_15MHz\_QPSK\_HCH\_2562.5MHz\_RB\_1\_74\_NTNV



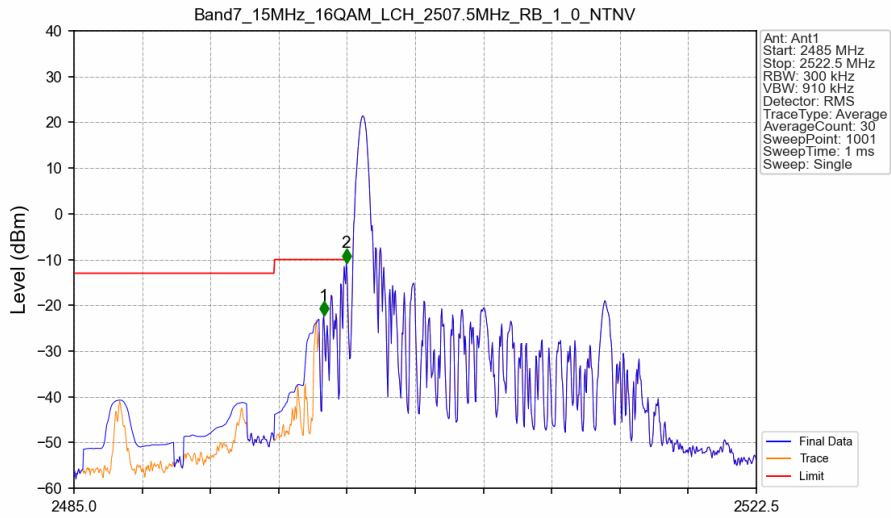
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2547.5	2570	0.3	/	/	/	/	/	/
2570	2571	0.3	/	1	2570.180	-15.17	-10	Pass
2571	2582.5	1	CHP	2	2571.020	-20.75	-10	Pass

Band7\_15MHz\_QPSK\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2547.5	2570	0.36	/	/	/	/	/	/
2570	2571	0.36	/	1	2570.110	-16.25	-10	Pass
2571	2582.5	1	CHP	2	2572.700	-16.31	-10	Pass

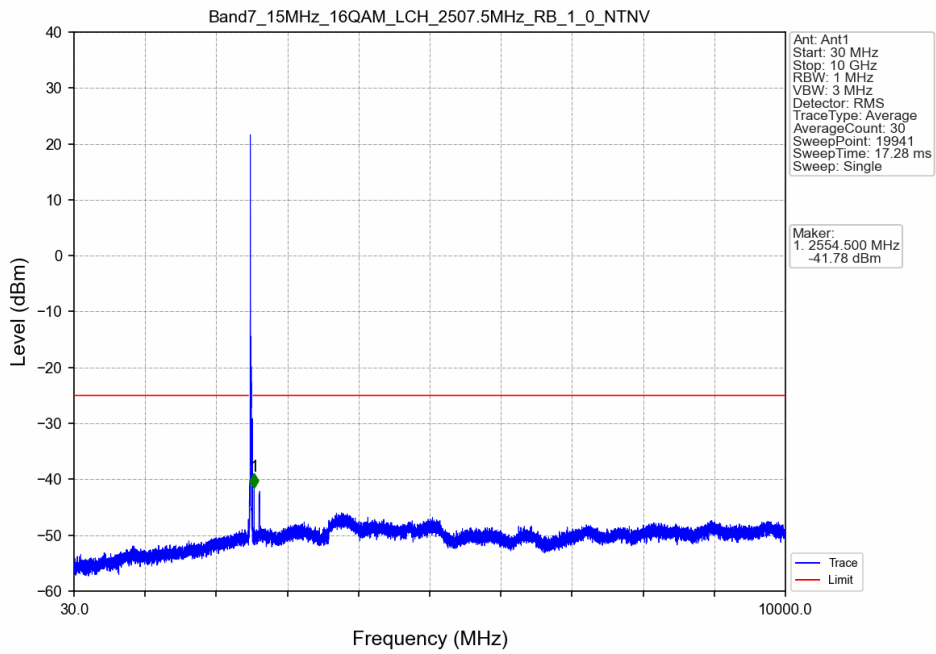
Band7\_15MHz\_16QAM\_LCH\_2507.5MHz\_RB\_1\_0\_NTNV



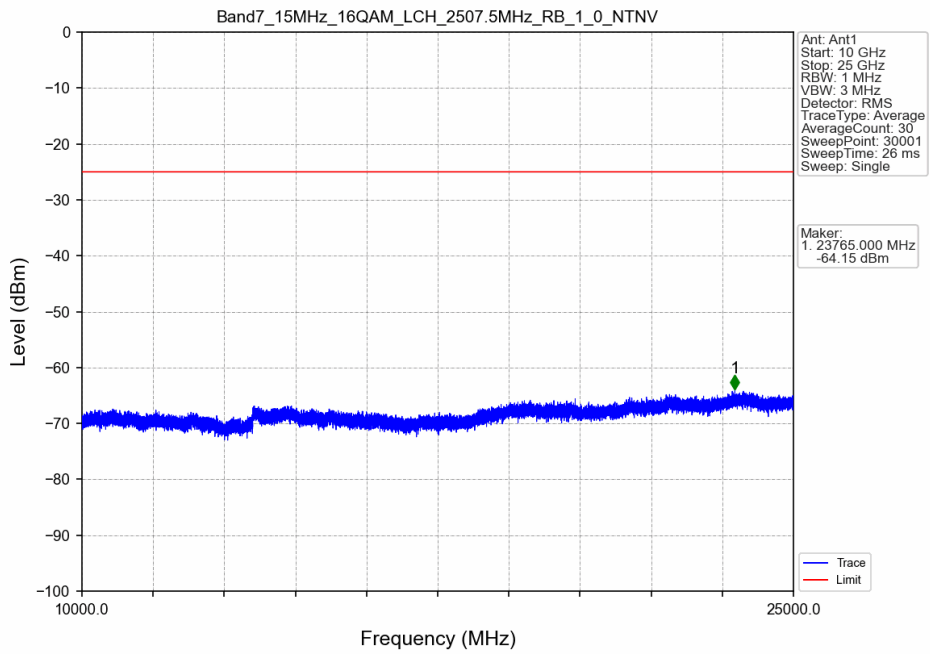
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2498.725	-22.23	-10	Pass
2499	2500	0.3	/	2	2499.963	-10.73	-10	Pass
2500	2522.5	0.3	/	/	/	/	/	/



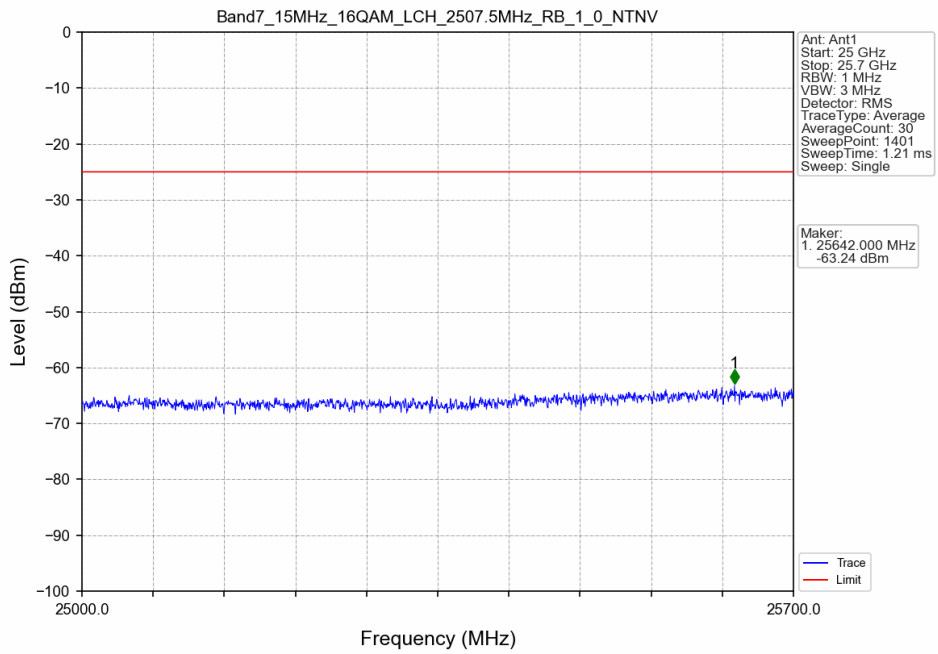
Band7\_15MHz\_16QAM\_LCH\_2507.5MHz\_RB\_1\_0\_NTNV



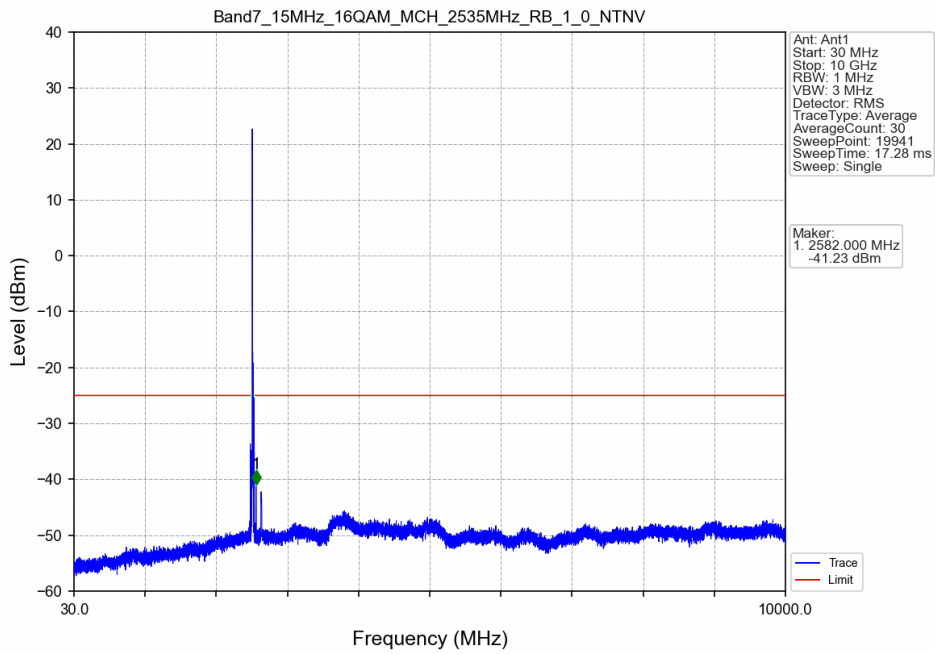
Band7\_15MHz\_16QAM\_LCH\_2507.5MHz\_RB\_1\_0\_NTNV



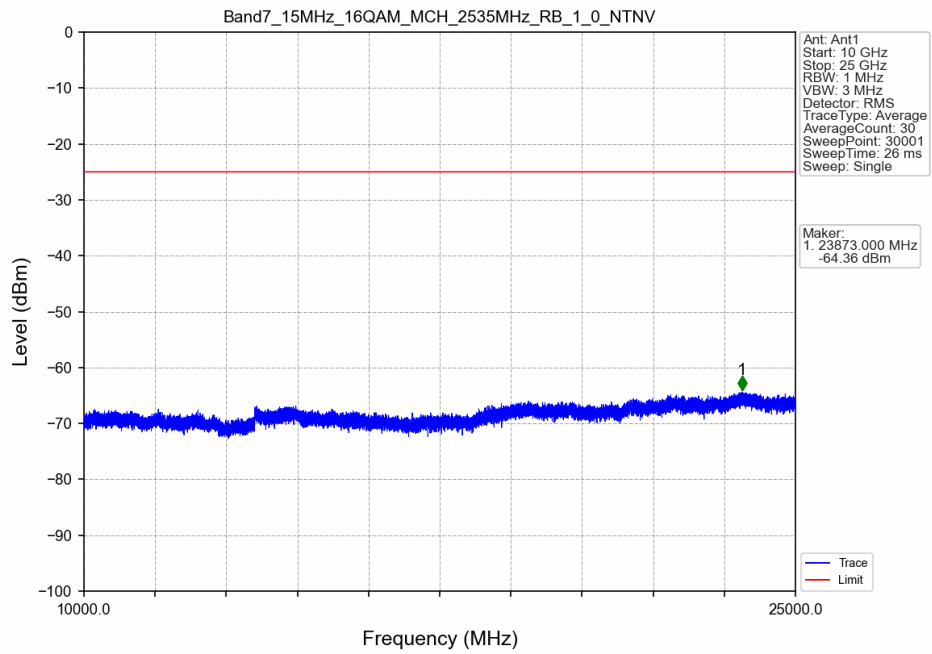
Band7\_15MHz\_16QAM\_LCH\_2507.5MHz\_RB\_1\_0\_NTNV



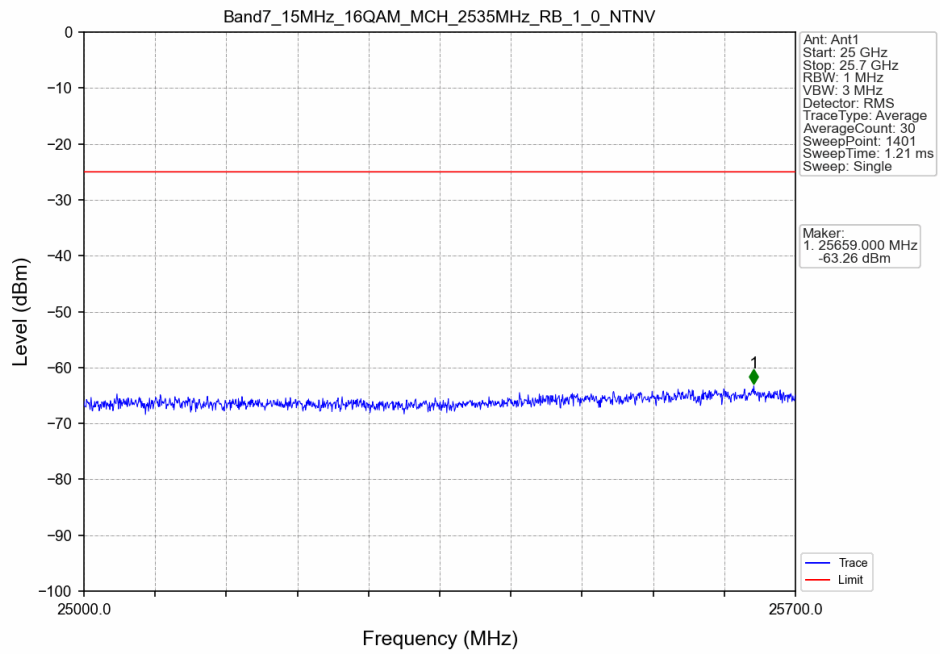
Band7\_15MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



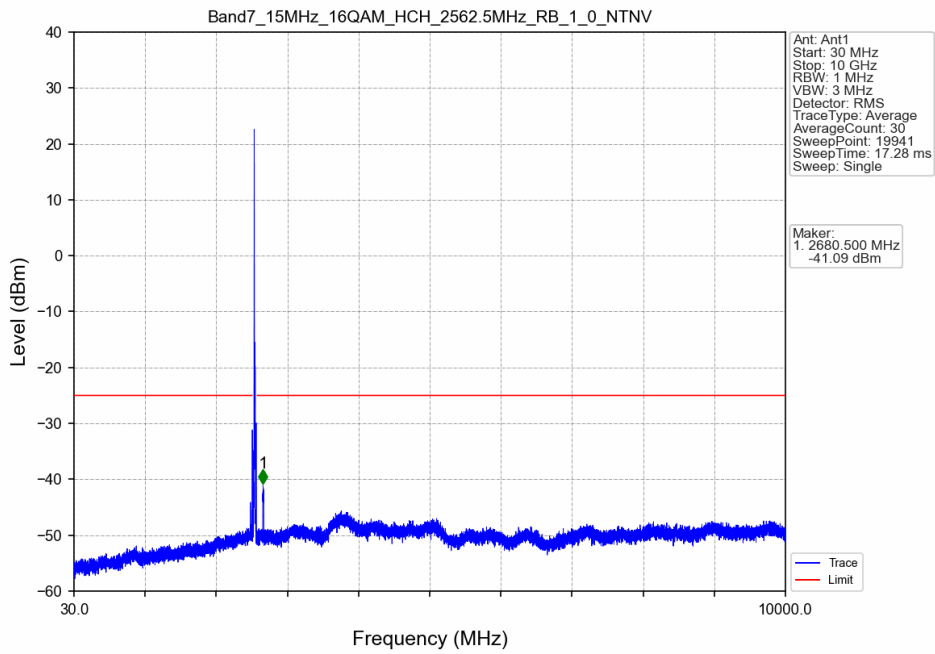
Band7\_15MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



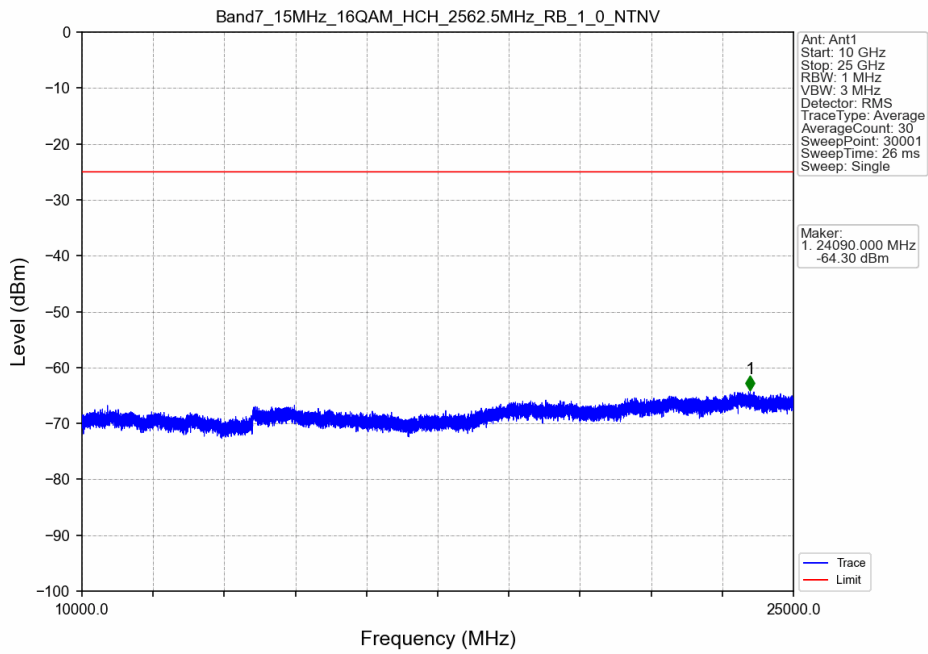
Band7\_15MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



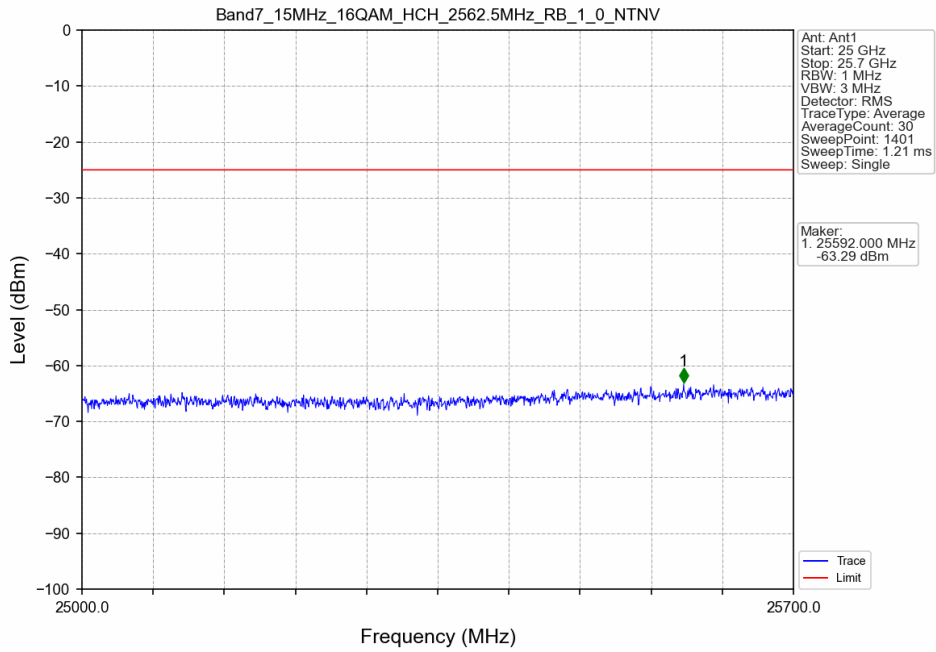
Band7\_15MHz\_16QAM\_HCH\_2562.5MHz\_RB\_1\_0\_NTNV



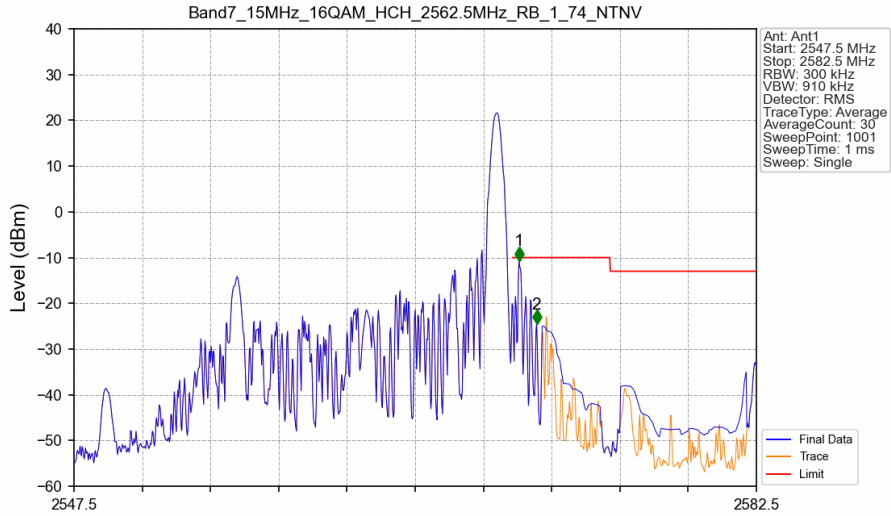
Band7\_15MHz\_16QAM\_HCH\_2562.5MHz\_RB\_1\_0\_NTNV



Band7\_15MHz\_16QAM\_HCH\_2562.5MHz\_RB\_1\_0\_NTNV



Band7\_15MHz\_16QAM\_HCH\_2562.5MHz\_RB\_1\_74\_NTNV



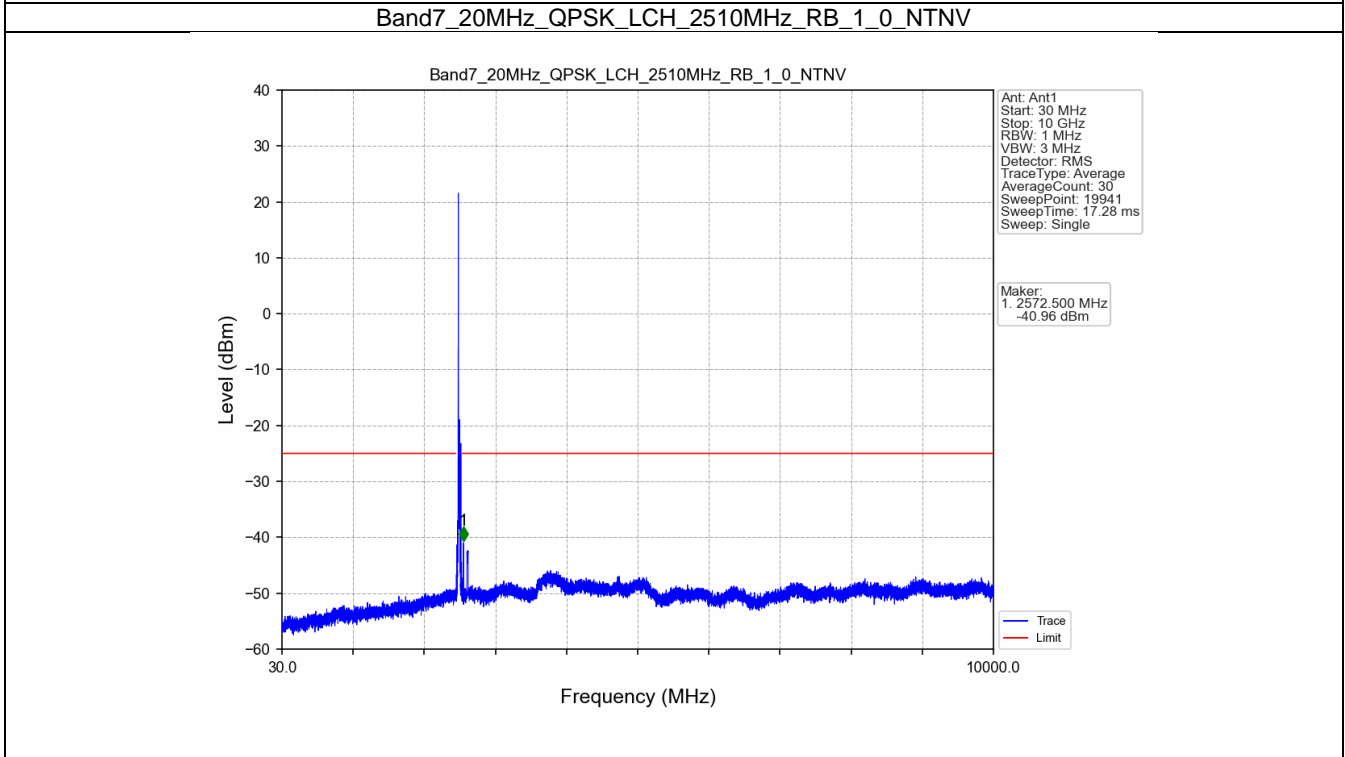
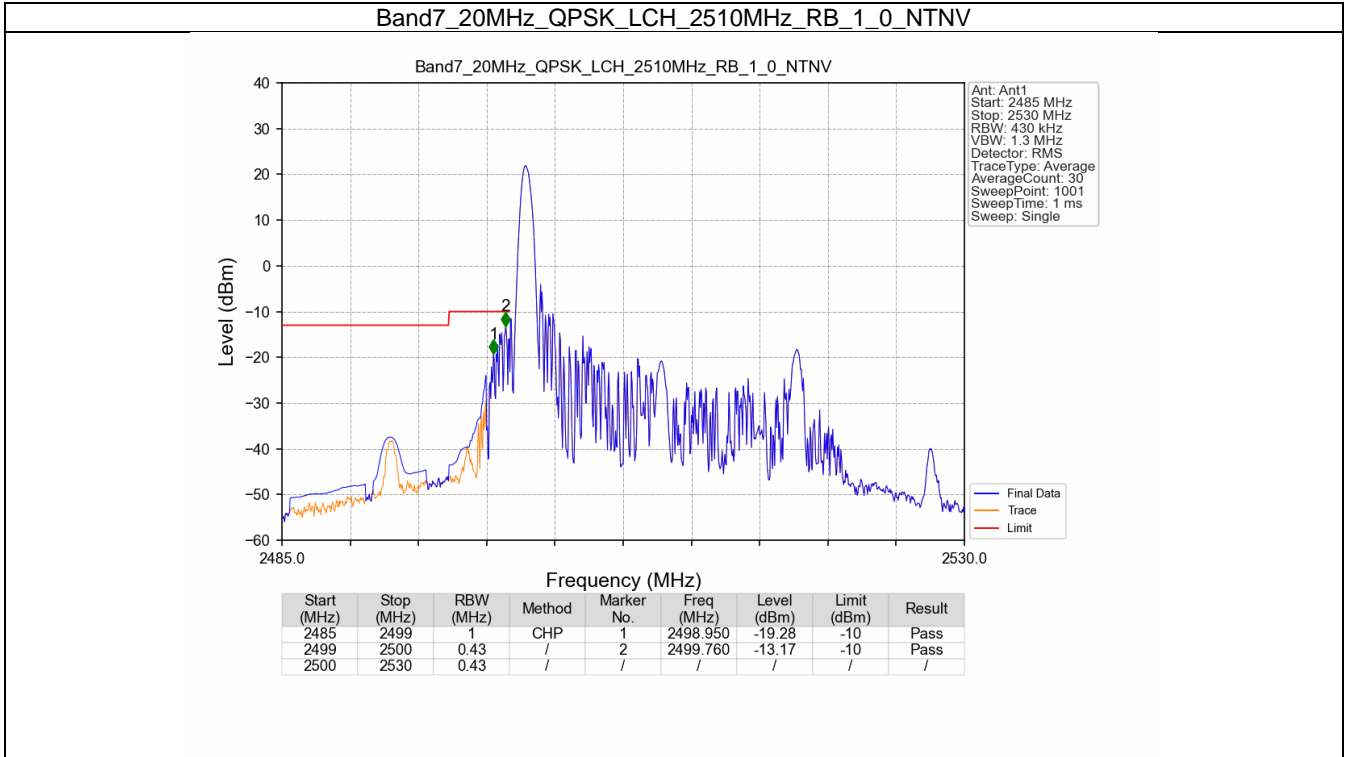
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2547.5	2570	0.3	/	/	/	/	/	/
2570	2571	0.3	/	1	2570.320	-10.72	-10	Pass
2571	2582.5	1	CHP	2	2571.230	-24.54	-10	Pass

## 5.4 B7\_20MHz

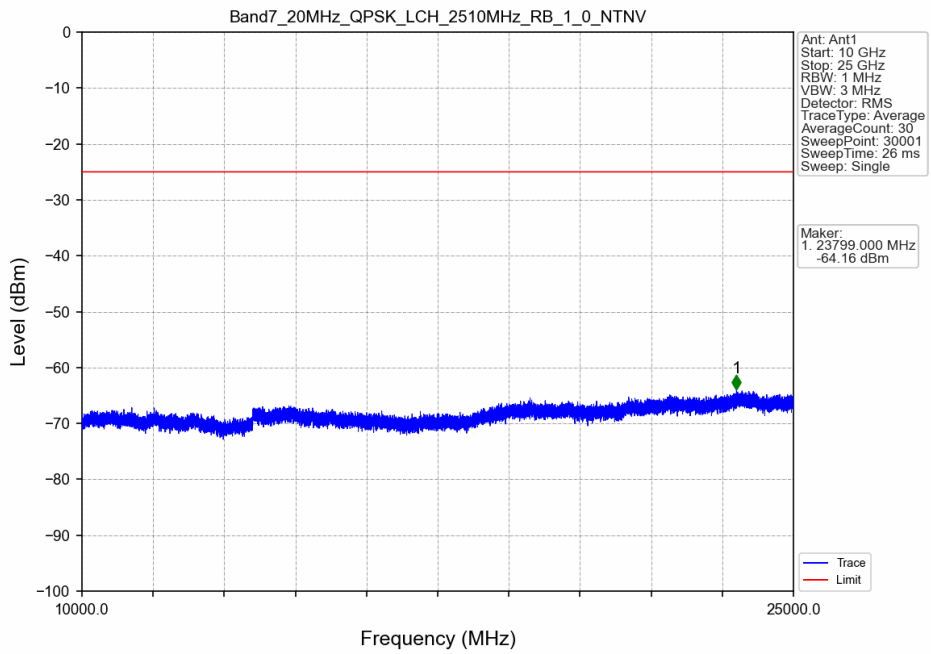
### 5.4.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2510	1	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass

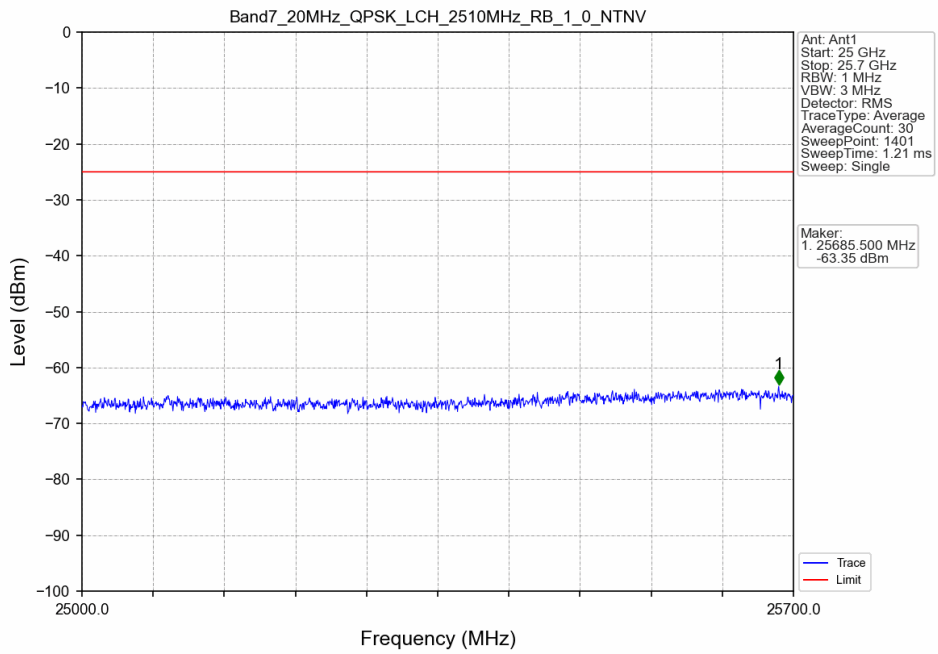
### 5.4.2 Test Graph



Band7\_20MHz\_QPSK\_LCH\_2510MHz\_RB\_1\_0\_NTNV

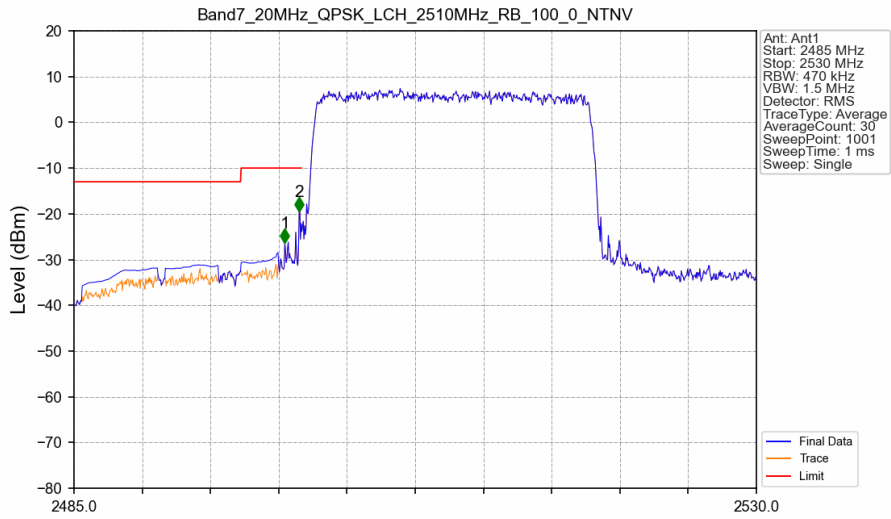


Band7\_20MHz\_QPSK\_LCH\_2510MHz\_RB\_1\_0\_NTNV



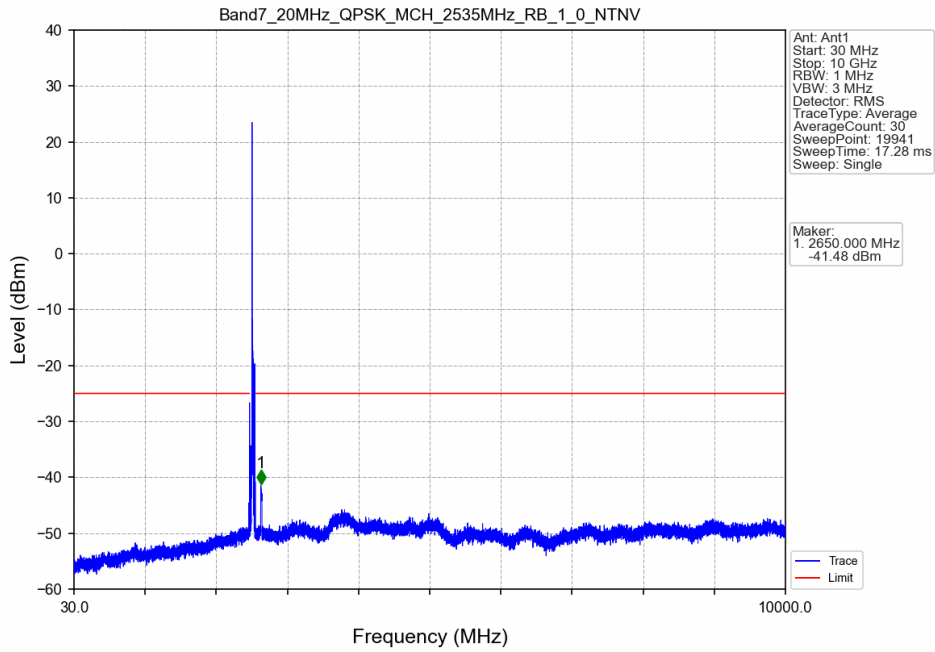


Band7\_20MHz\_QPSK\_LCH\_2510MHz\_RB\_100\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2498.905	-26.38	-10	Pass
2499	2500	0.47	/	2	2499.850	-19.52	-10	Pass
2500	2530	0.47	/	/	/	/	/	/

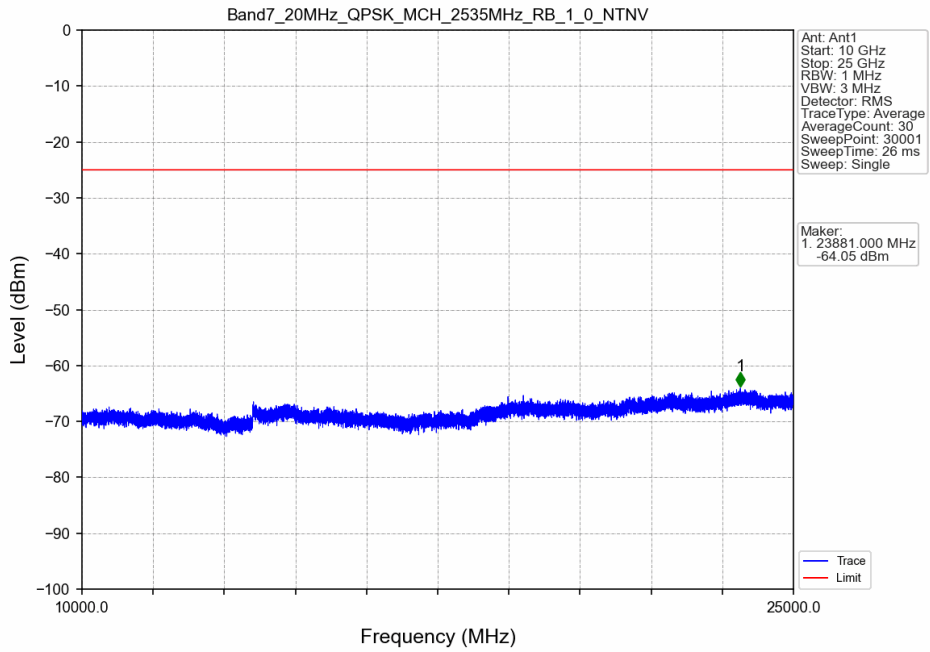
Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



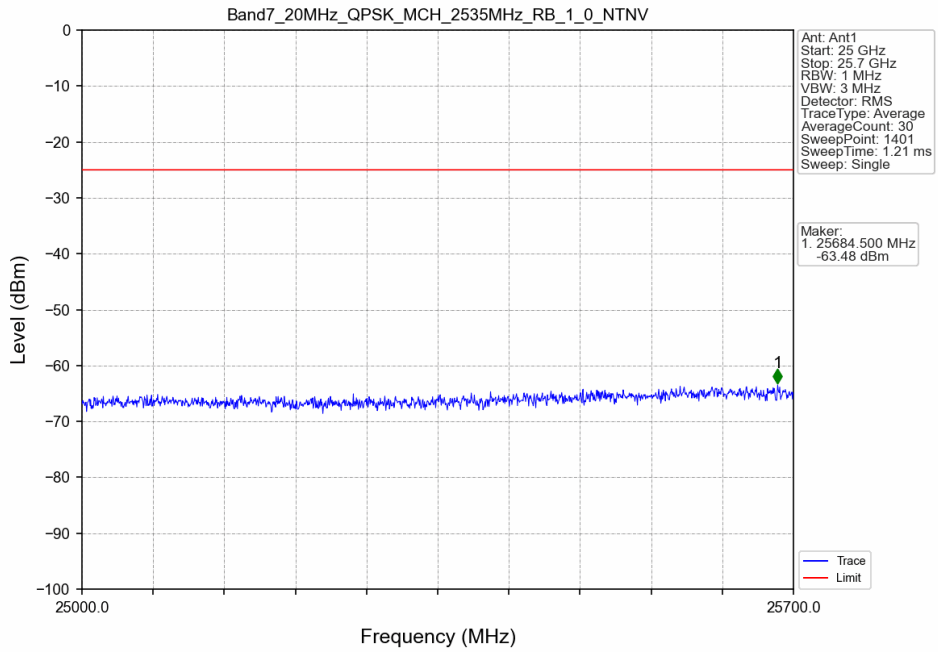
Ant: Ant1  
 Start: 30 MHz  
 Stop: 10 GHz  
 RBW: 1 MHz  
 VBW: 3 MHz  
 Detector: RMS  
 Trace Type: Average  
 Average Count: 30  
 Sweep Point: 19941  
 Sweep Time: 17.28 ms  
 Sweep: Single

Marker:  
 1. 2650.000 MHz  
 -41.48 dBm

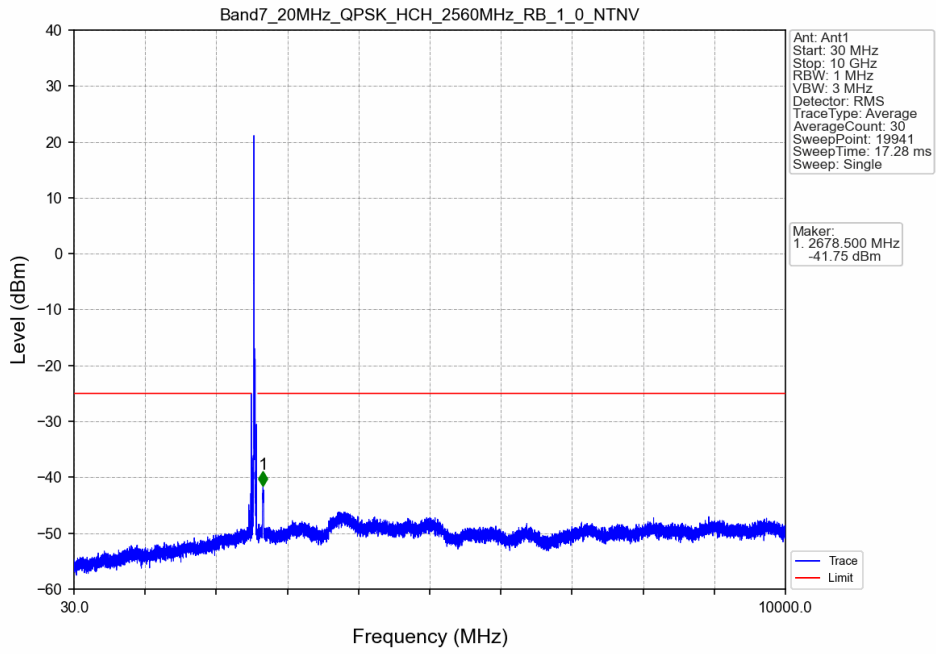
Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



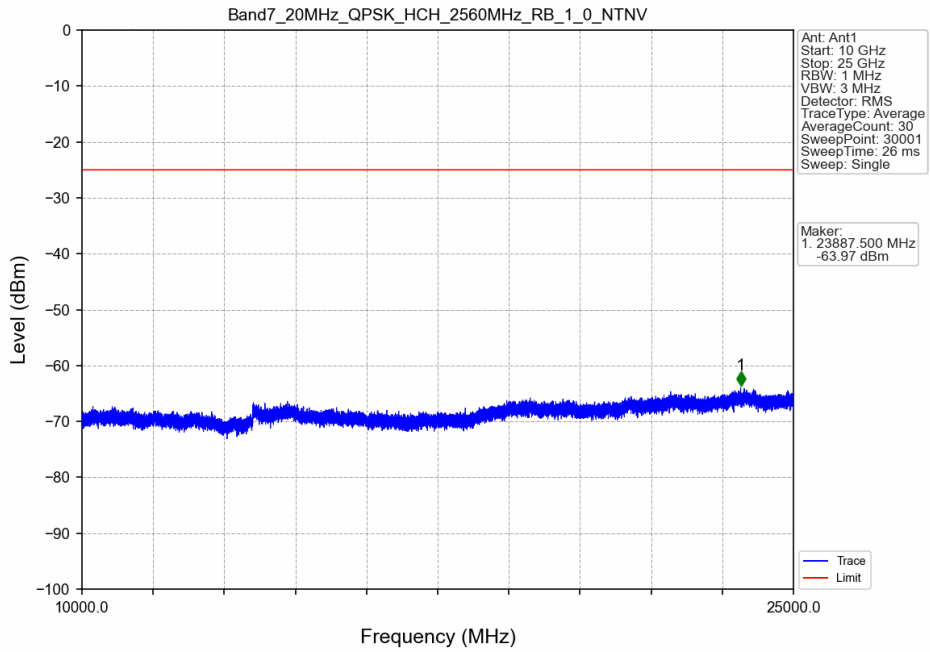
Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV



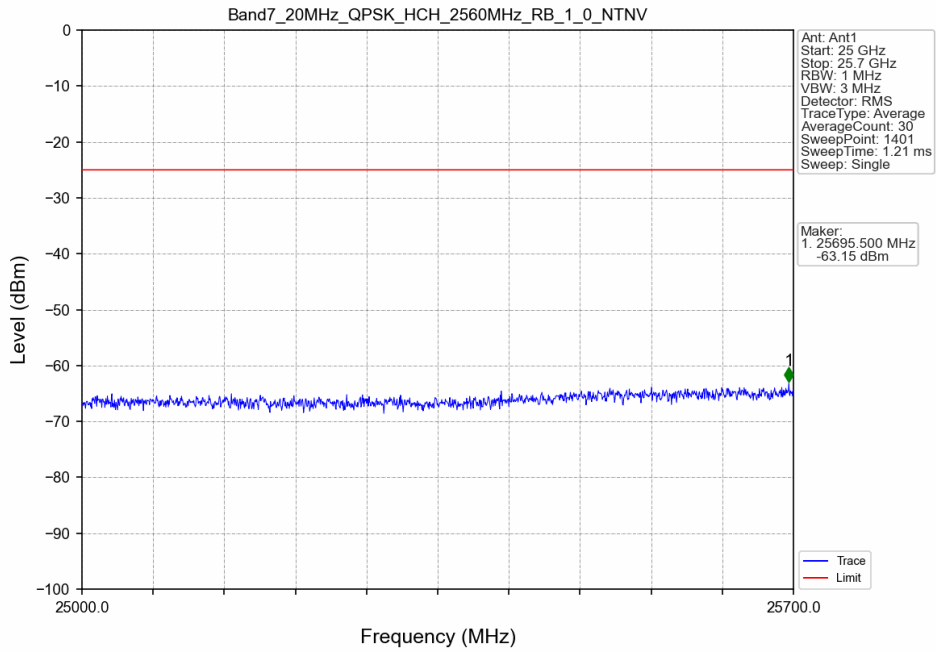
Band7\_20MHz\_QPSK\_HCH\_2560MHz\_RB\_1\_0\_NTNV



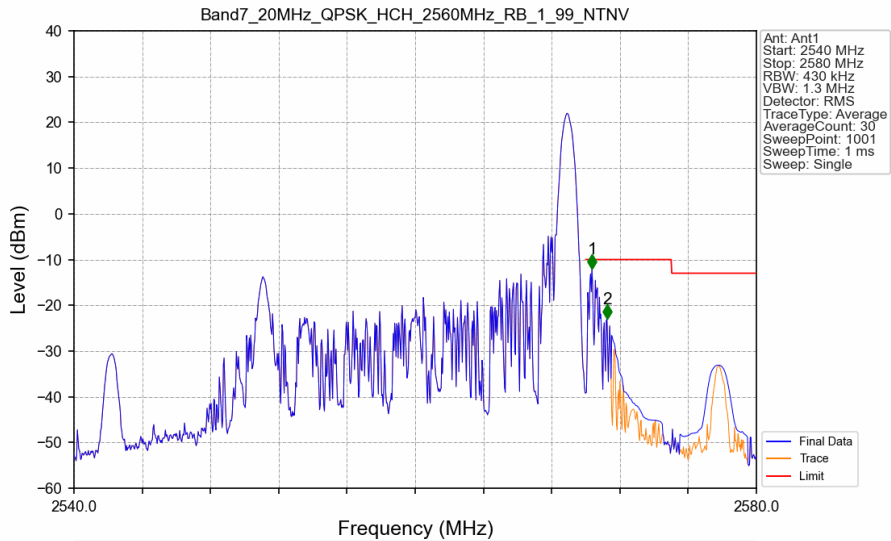
Band7\_20MHz\_QPSK\_HCH\_2560MHz\_RB\_1\_0\_NTNV



Band7\_20MHz\_QPSK\_HCH\_2560MHz\_RB\_1\_0\_NTNV

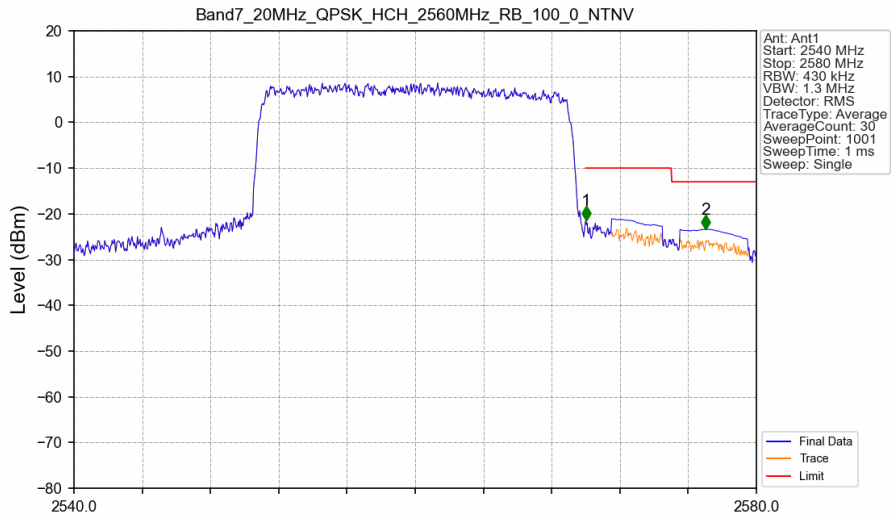


Band7\_20MHz\_QPSK\_HCH\_2560MHz\_RB\_1\_99\_NTNV



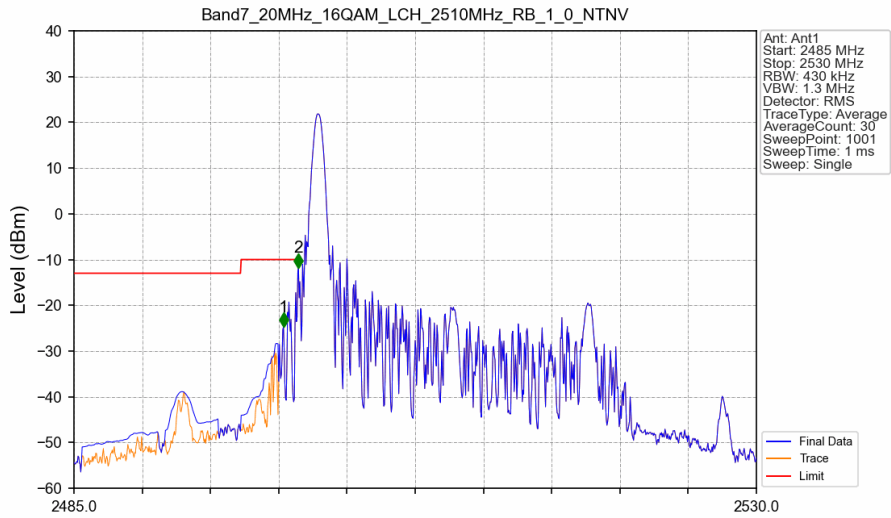
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2570	0.43	/	/	/	/	/	/
2570	2571	0.43	/	1	2570.360	-11.99	-10	Pass
2571	2580	1	CHP	2	2571.240	-22.94	-10	Pass

Band7\_20MHz\_QPSK\_HCH\_2560MHz\_RB\_100\_0\_NTNV



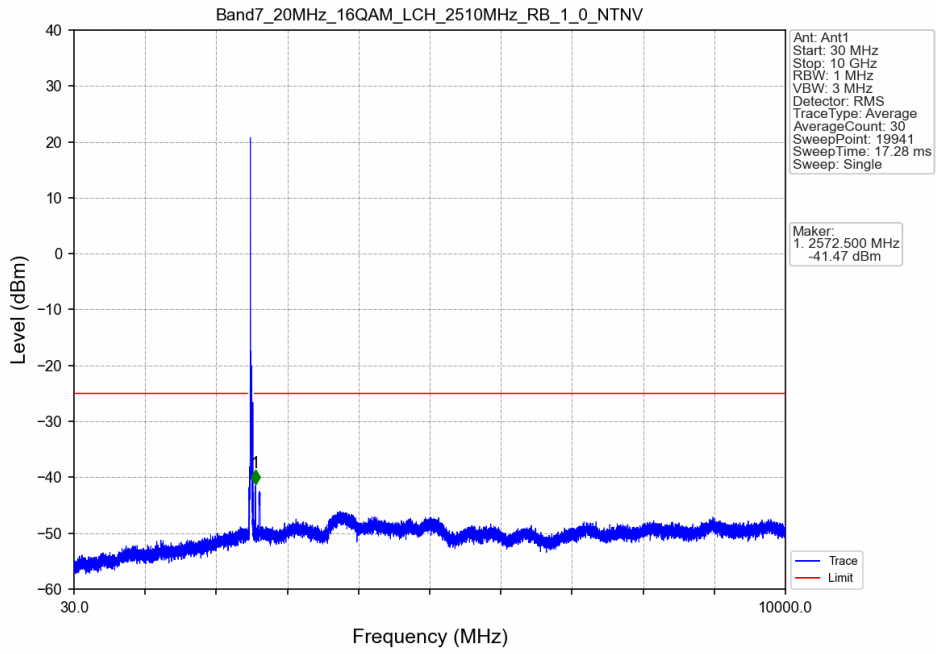
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2570	0.43	/	/	/	/	/	/
2570	2571	0.43	/	1	2570.000	-21.40	-10	Pass
2571	2580	1	CHP	2	2577.040	-23.39	-13	Pass

Band7\_20MHz\_16QAM\_LCH\_2510MHz\_RB\_1\_0\_NTNV

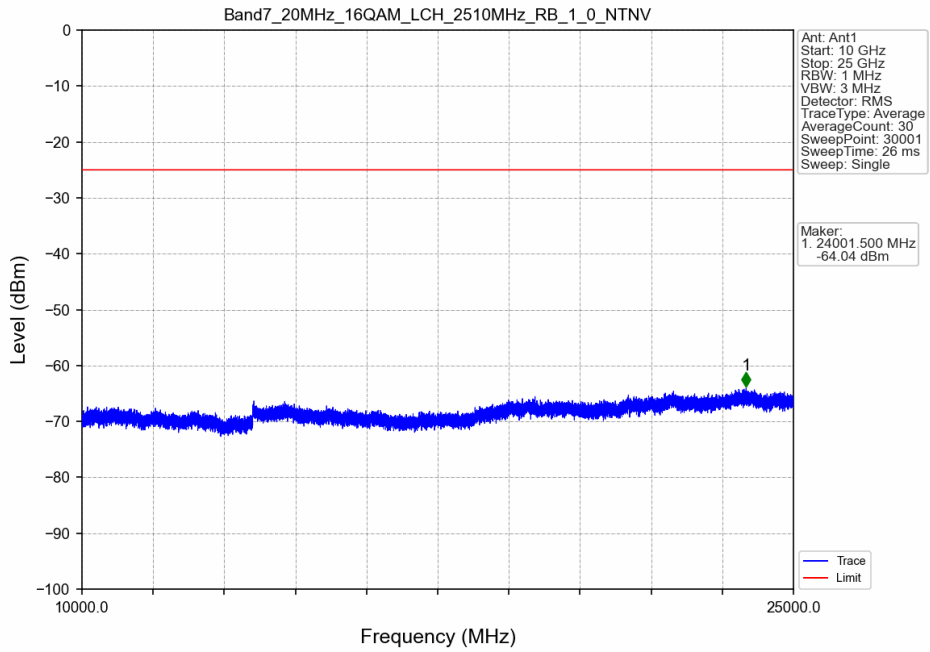


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2498.815	-24.68	-10	Pass
2499	2500	0.43	/	2	2499.805	-11.78	-10	Pass
2500	2530	0.43	/	/	/	/	/	/

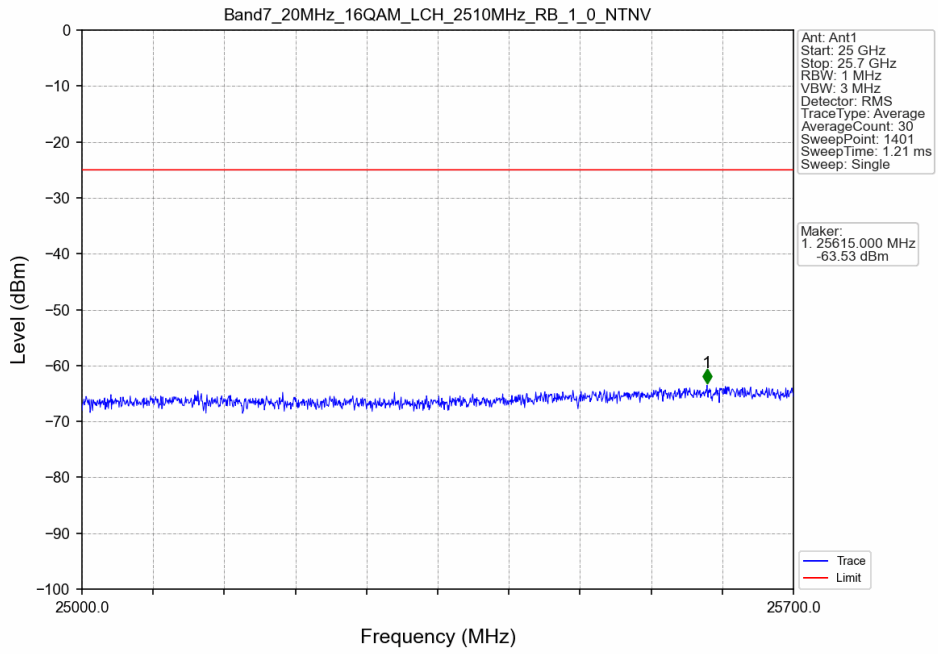
Band7\_20MHz\_16QAM\_LCH\_2510MHz\_RB\_1\_0\_NTNV



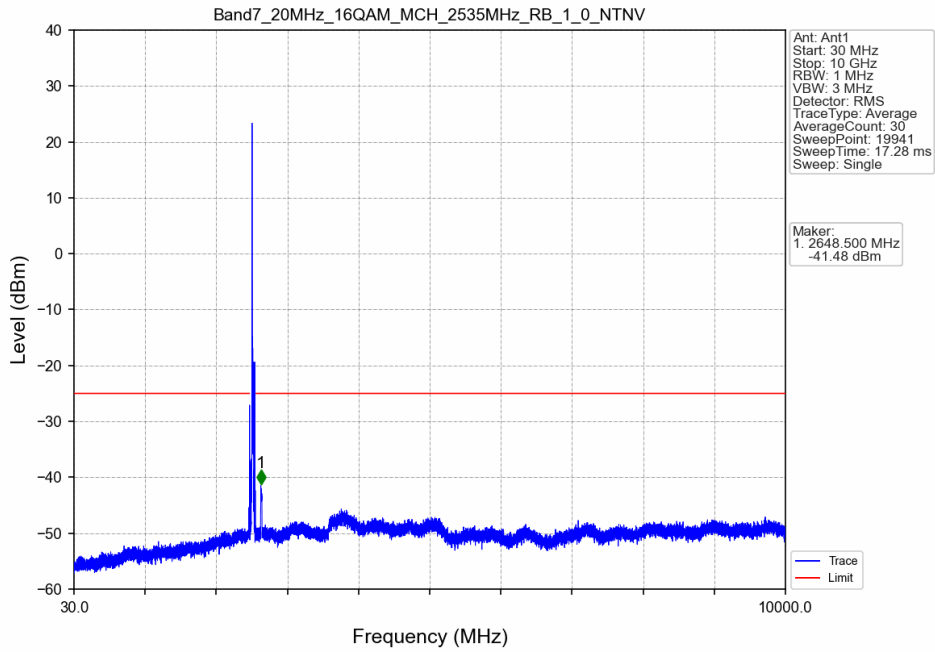
Band7\_20MHz\_16QAM\_LCH\_2510MHz\_RB\_1\_0\_NTNV



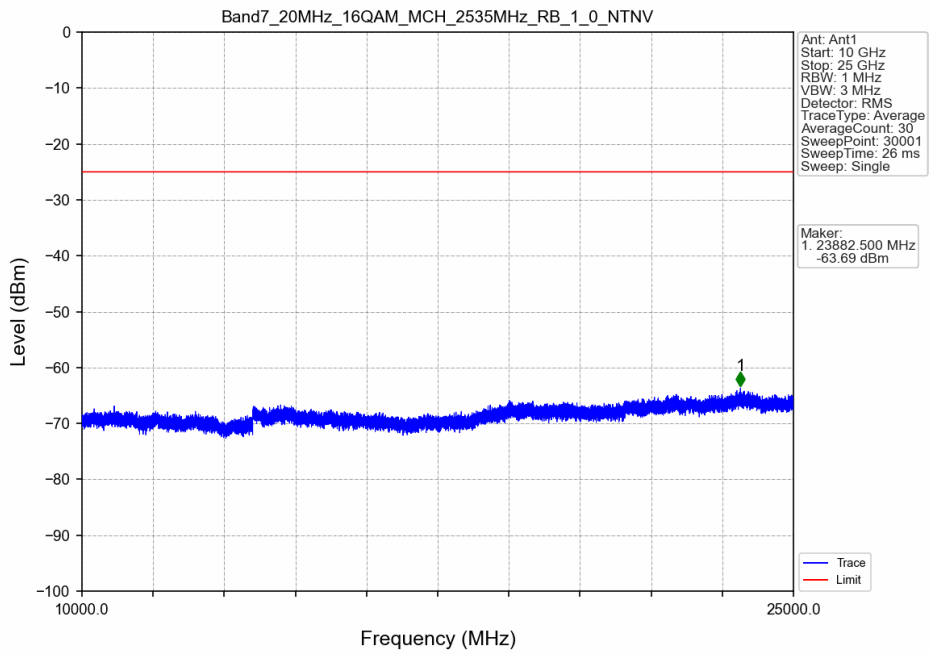
Band7\_20MHz\_16QAM\_LCH\_2510MHz\_RB\_1\_0\_NTNV



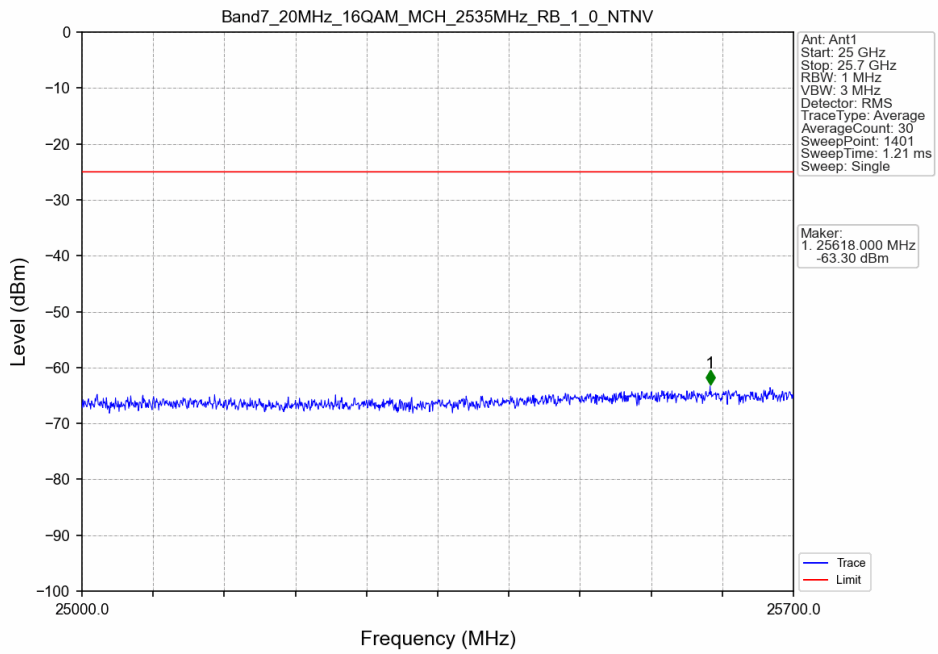
Band7\_20MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV



Band7\_20MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV

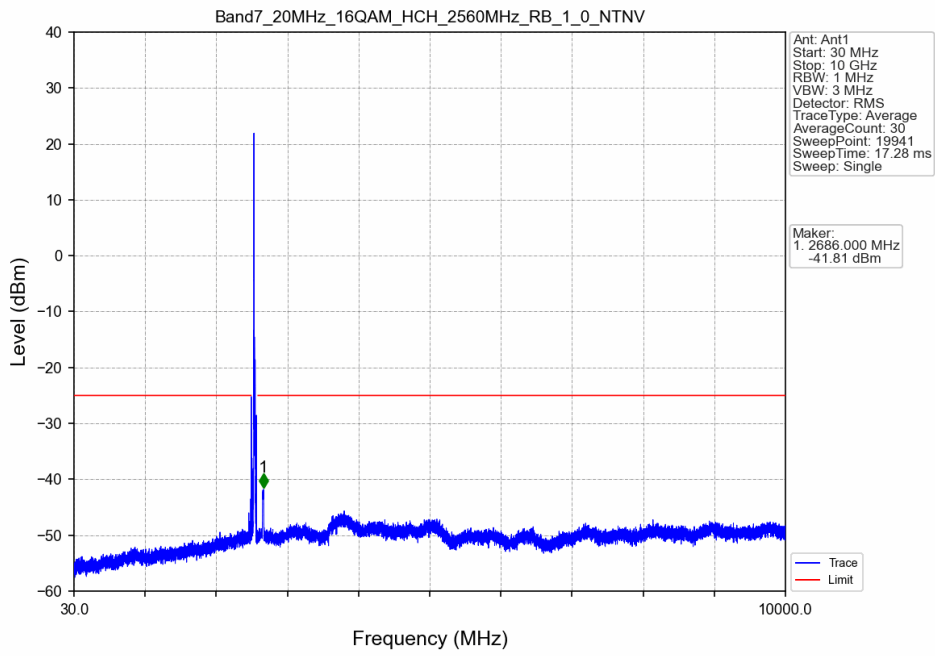


Band7\_20MHz\_16QAM\_MCH\_2535MHz\_RB\_1\_0\_NTNV

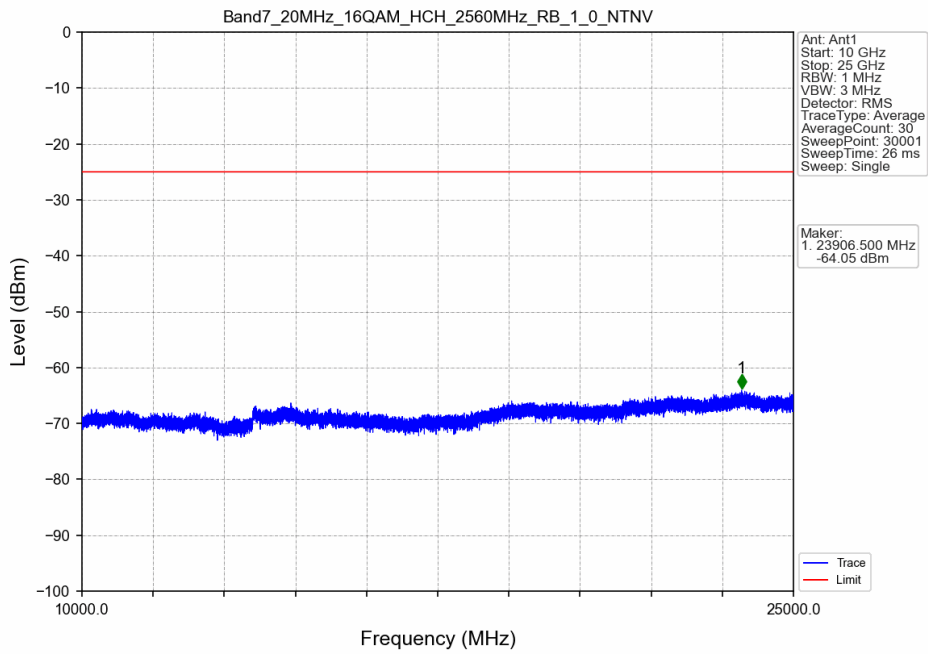




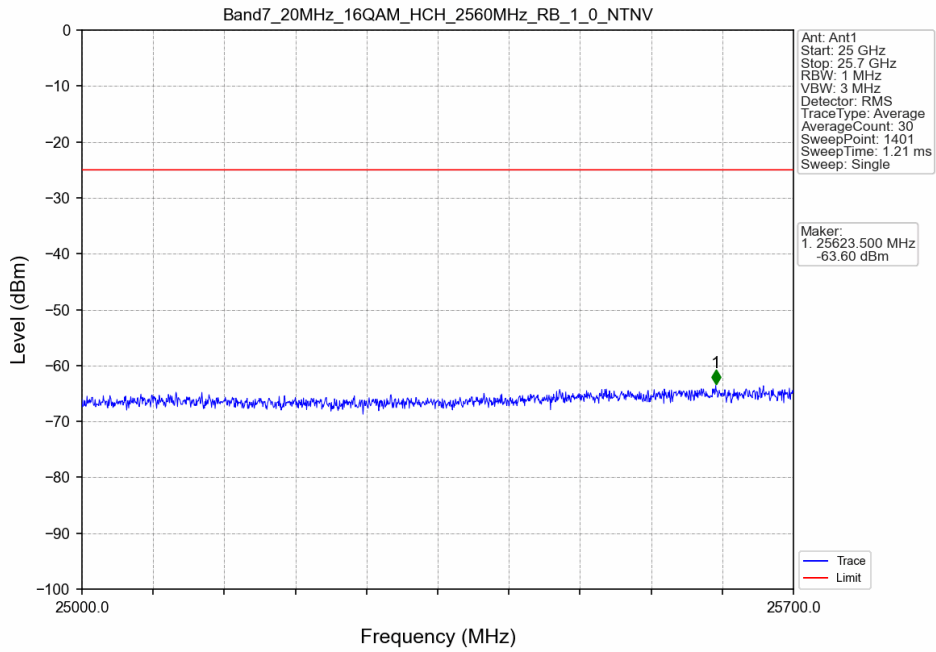
Band7\_20MHz\_16QAM\_HCH\_2560MHz\_RB\_1\_0\_NTNV



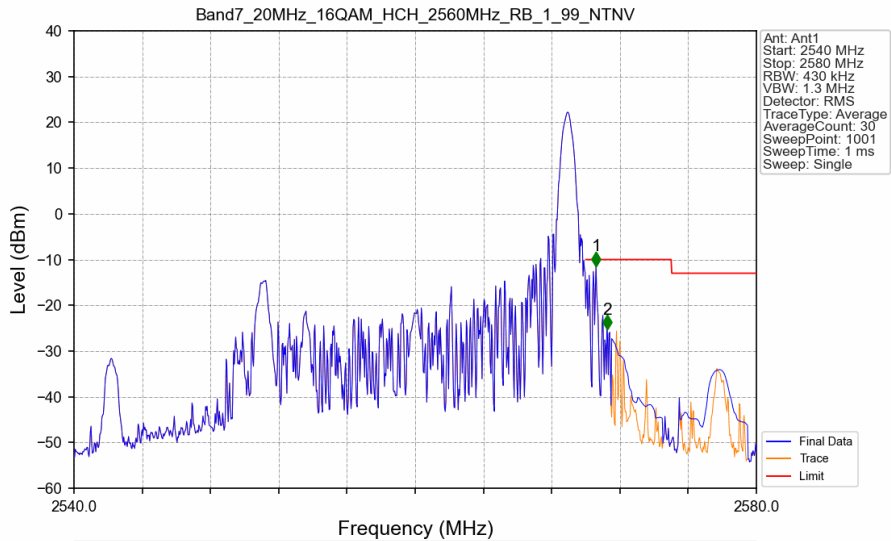
Band7\_20MHz\_16QAM\_HCH\_2560MHz\_RB\_1\_0\_NTNV



Band7\_20MHz\_16QAM\_HCH\_2560MHz\_RB\_1\_0\_NTNV



Band7\_20MHz\_16QAM\_HCH\_2560MHz\_RB\_1\_99\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2570	0.43	/	/	/	/	/	/
2570	2571	0.43	/	1	2570.600	-11.44	-10	Pass
2571	2580	1	CHP	2	2571.240	-25.27	-10	Pass

