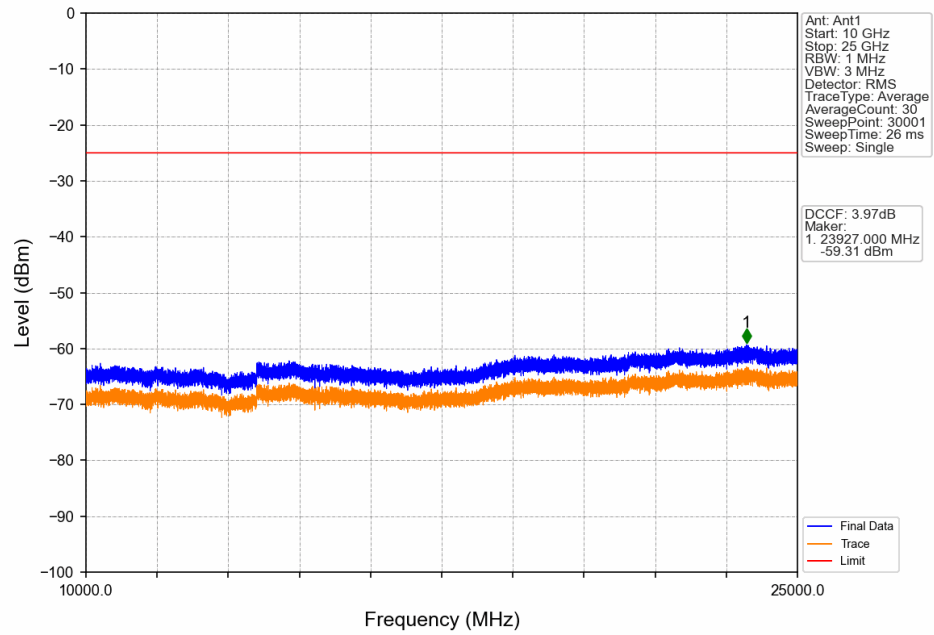
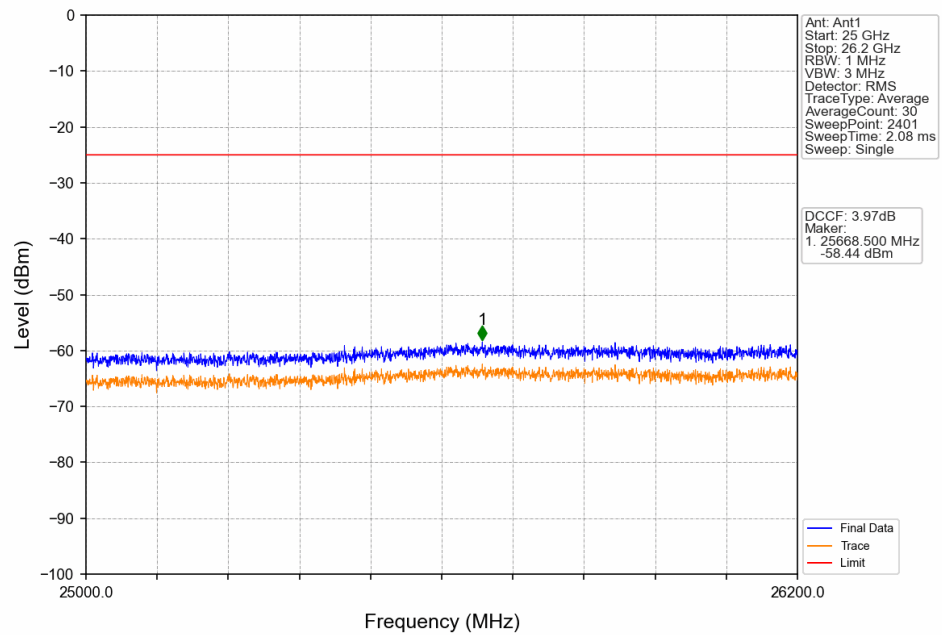


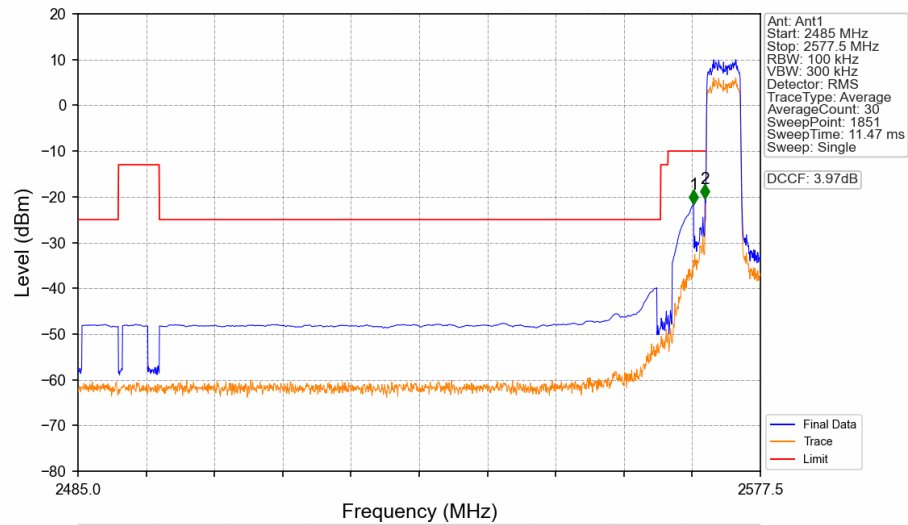
Band38 5MHz QPSK LCH 2572.5MHz RB 1 0 NTNV



Band38 5MHz QPSK LCH 2572.5MHz RB 1 0 NTNV

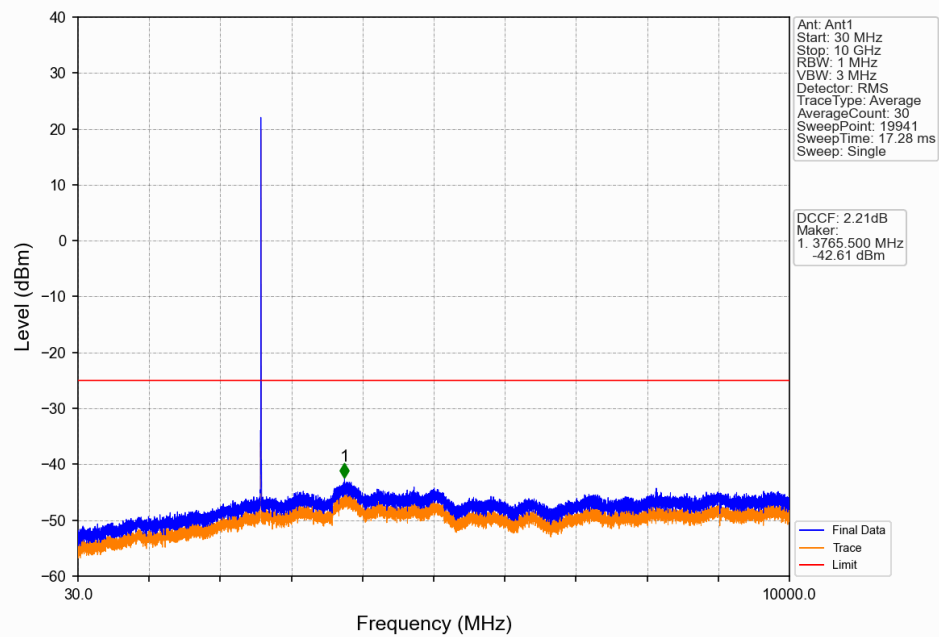


Band38 5MHz QPSK LCH 2572.5MHz RB 25 0 NTNV

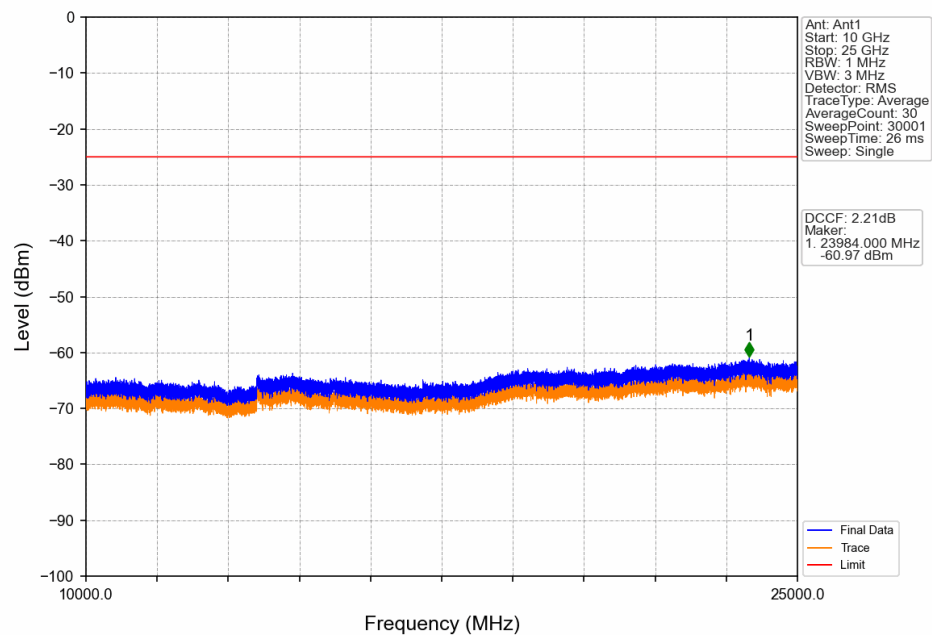


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2568.450	-21.64	-10	Pass
2569	2570	0.1	/	2	2570.000	-20.44	-10	Pass
2570	2577.5	0.1	/	/	/	/	/	/

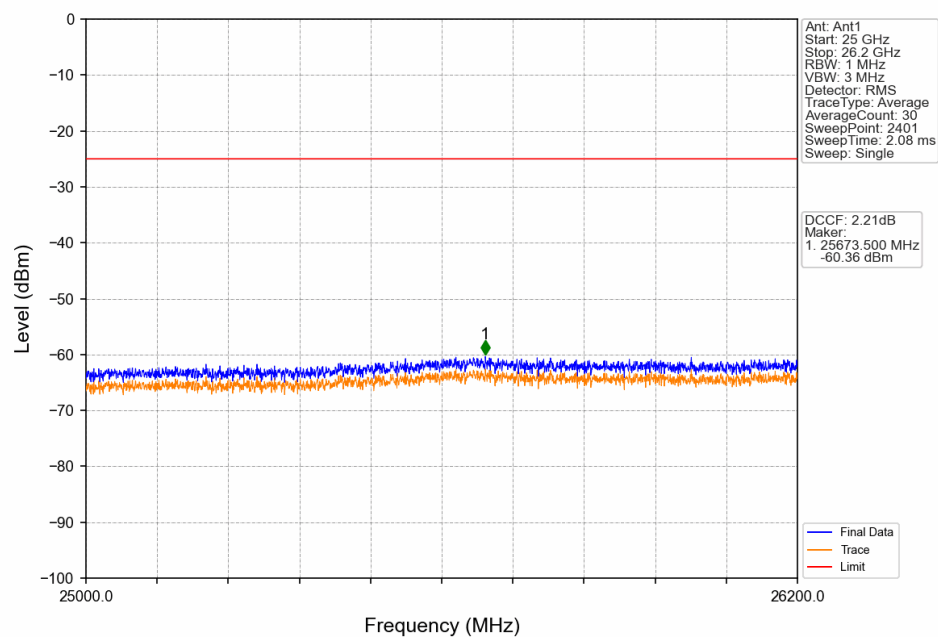
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTNV



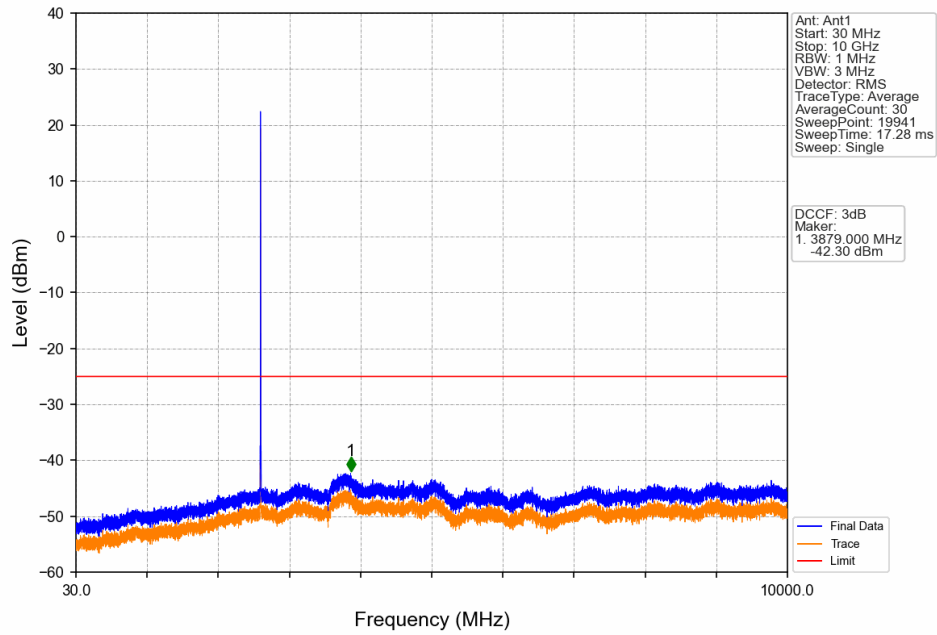
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTNV



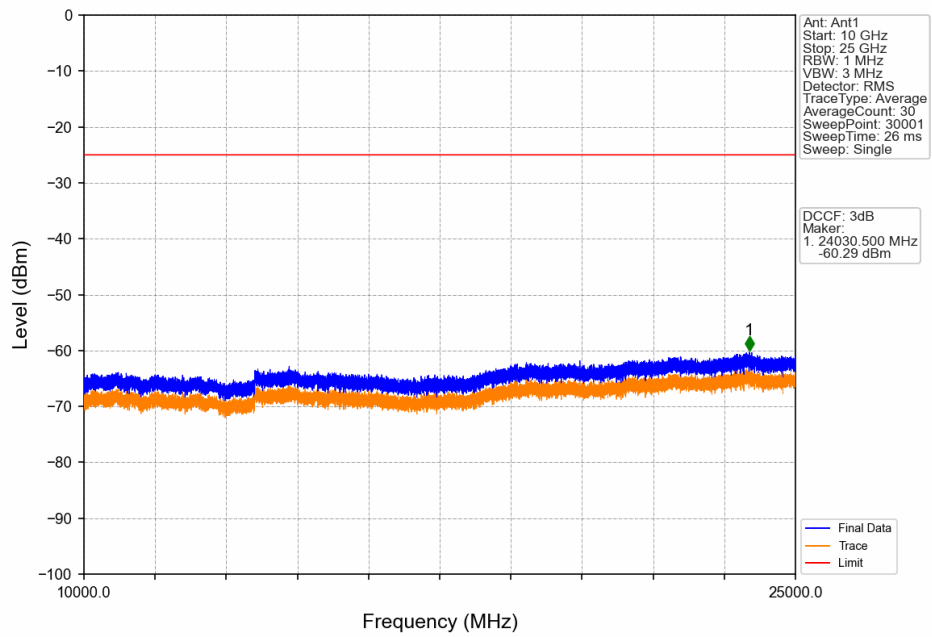
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTNV



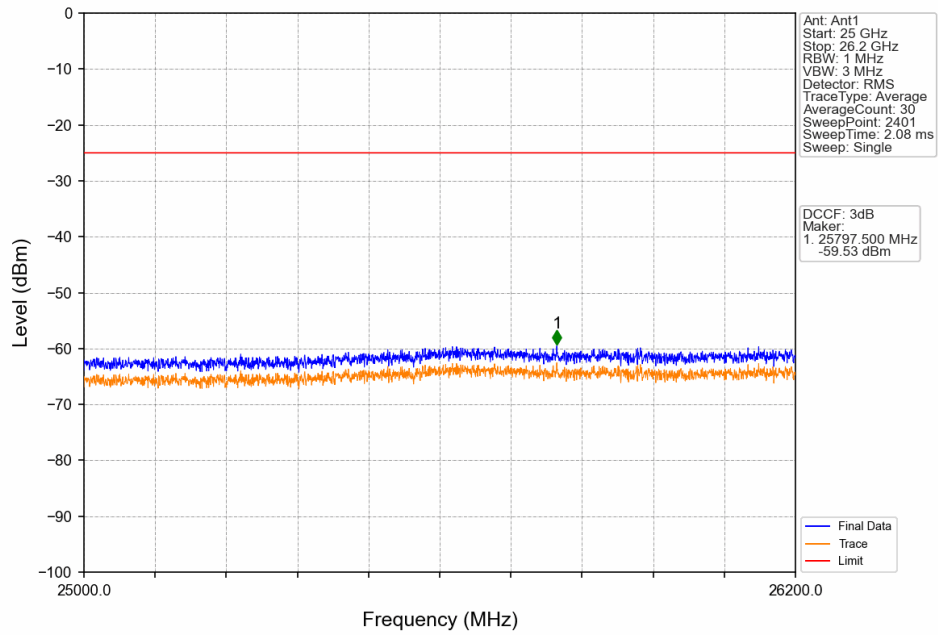
Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTNV



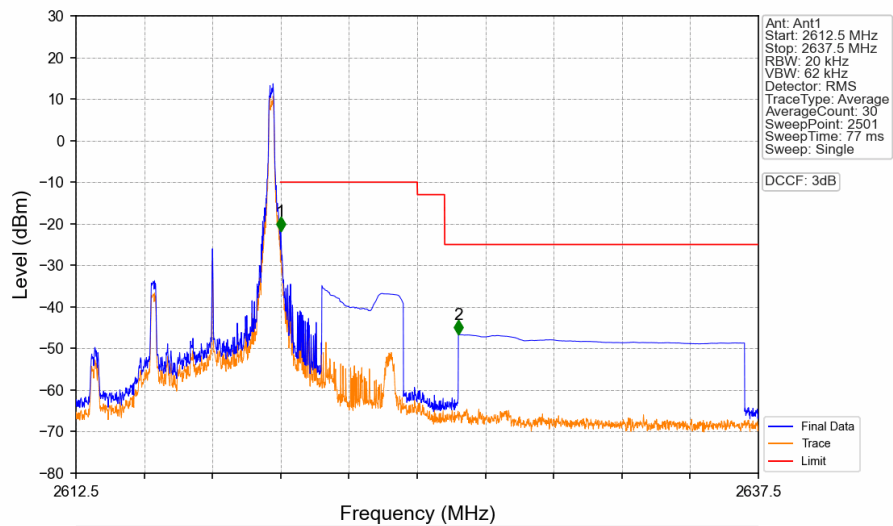
Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTNV



Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTV

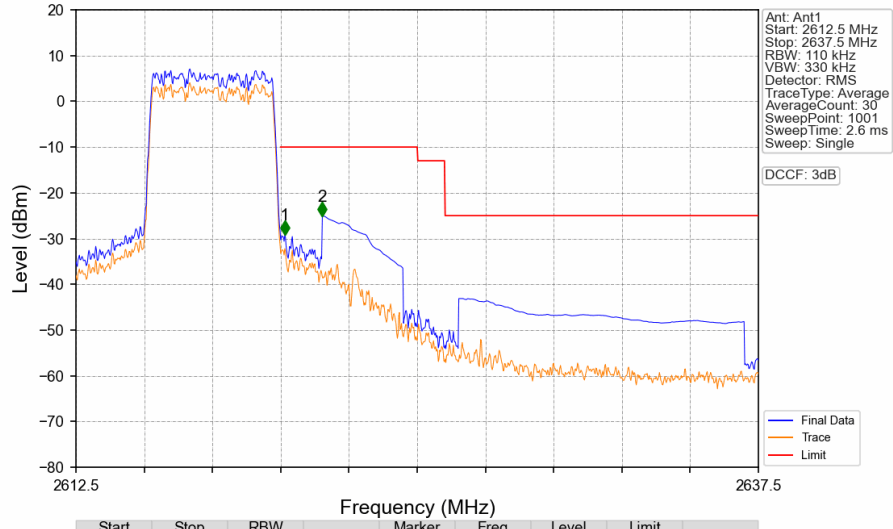


Band38 5MHz QPSK HCH 2617.5MHz RB 1 24 NTV



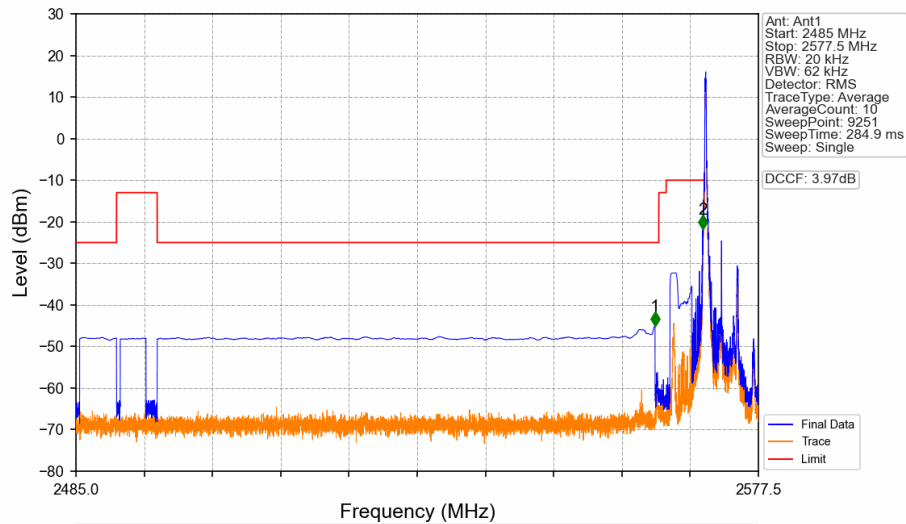
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2612.5	2620	0.02	/	1	2620.000	-21.88	-10	Pass
2620	2621	0.02	/	1	2620.000	-21.88	-10	Pass
2621	2637.5	1	CHP	2	2626.520	-46.67	-25	Pass

Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV



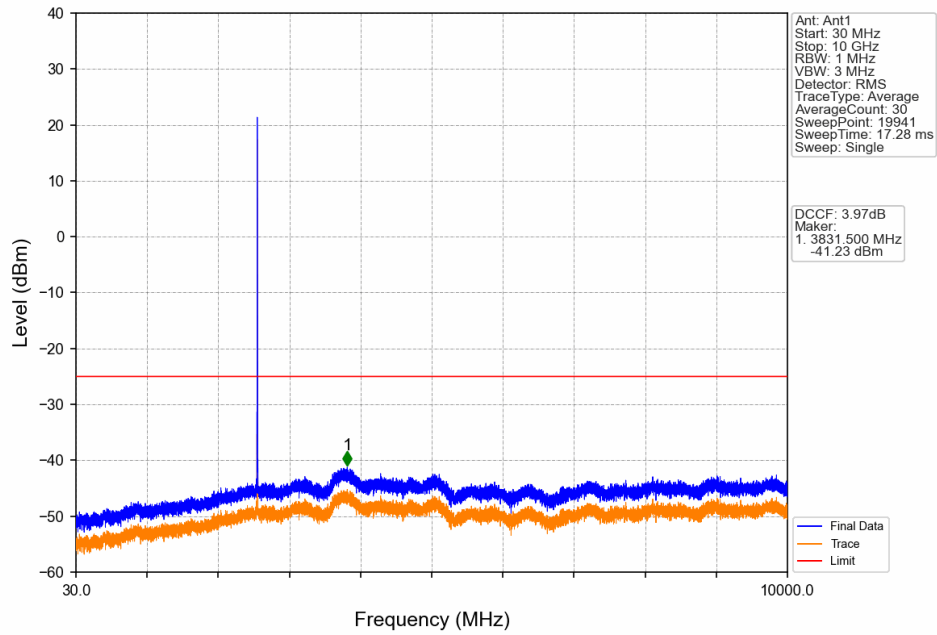
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2612.5	2620	0.11	/	/	/	/	/	/
2620	2621	0.11	/	1	2620.150	-29.21	-10	Pass
2621	2637.5	1	CHP	2	2621.525	-25.12	-10	Pass

Band38 5MHz 16QAM LCH 2572.5MHz RB 1 0 NTNV

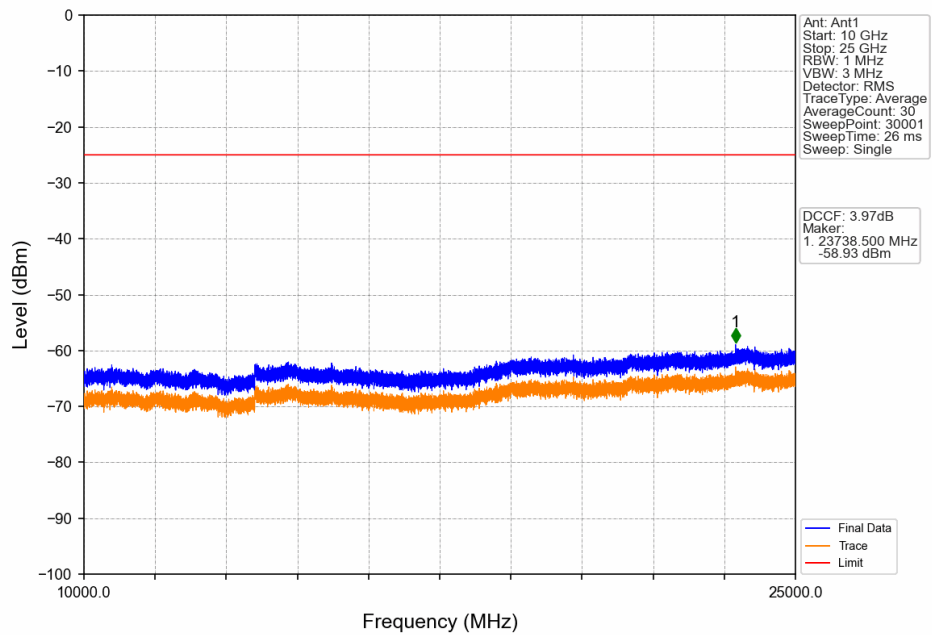


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2563.490	-45.13	-25	Pass
2569	2570	0.02	/	2	2570.000	-21.86	-10	Pass
2570	2577.5	0.02	/	/	/	/	/	/

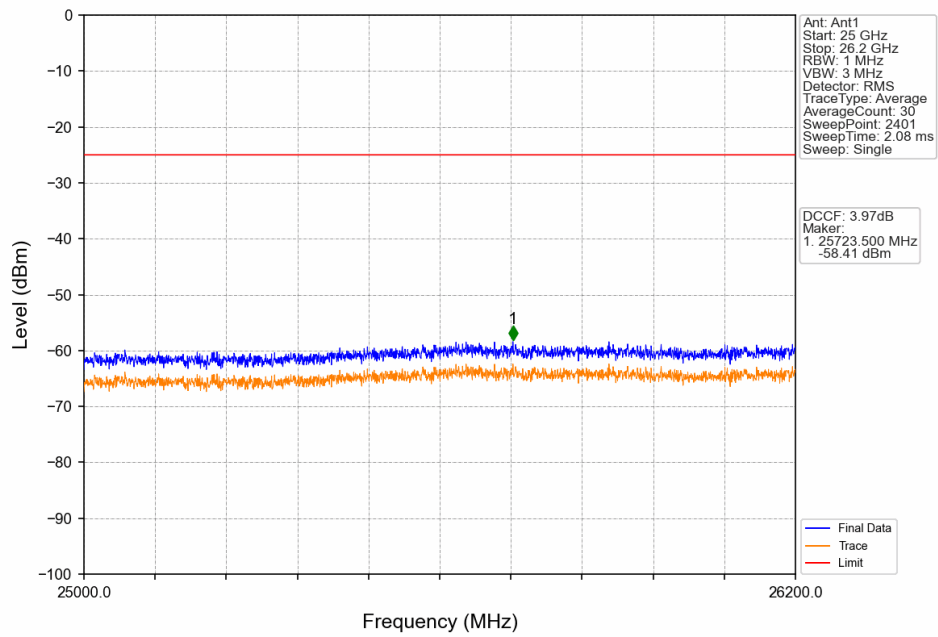
Band38 5MHz 16QAM LCH 2572.5MHz RB 1 0 NTNV



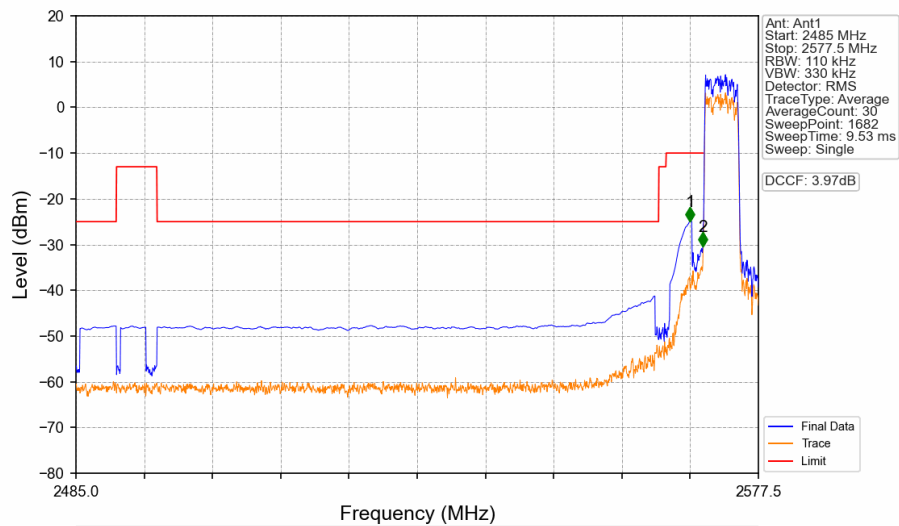
Band38 5MHz 16QAM LCH 2572.5MHz RB 1 0 NTNV



Band38 5MHz 16QAM LCH 2572.5MHz RB 1 0 NTNV

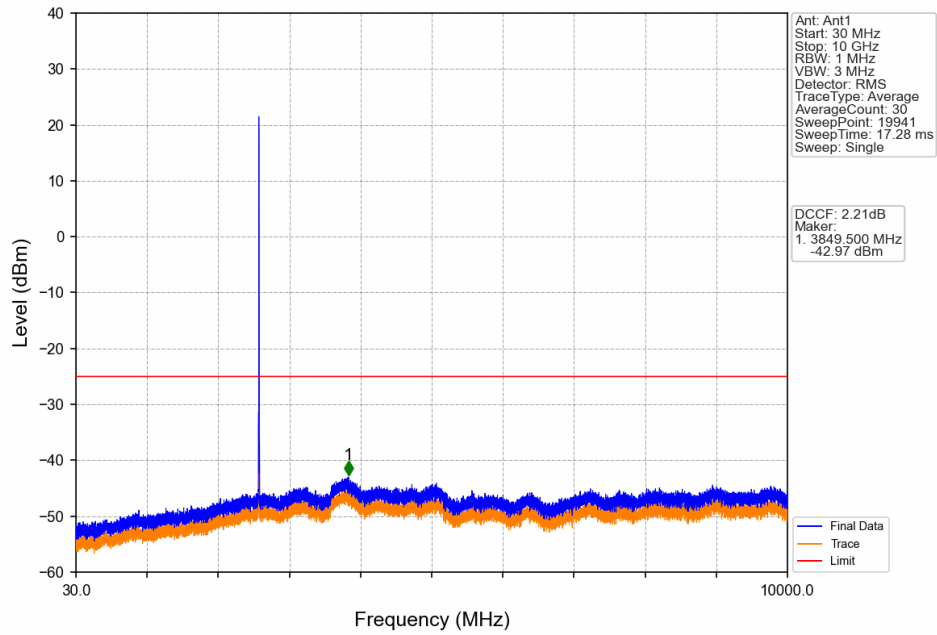


Band38 5MHz 16QAM LCH 2572.5MHz RB 25 0 NTNV

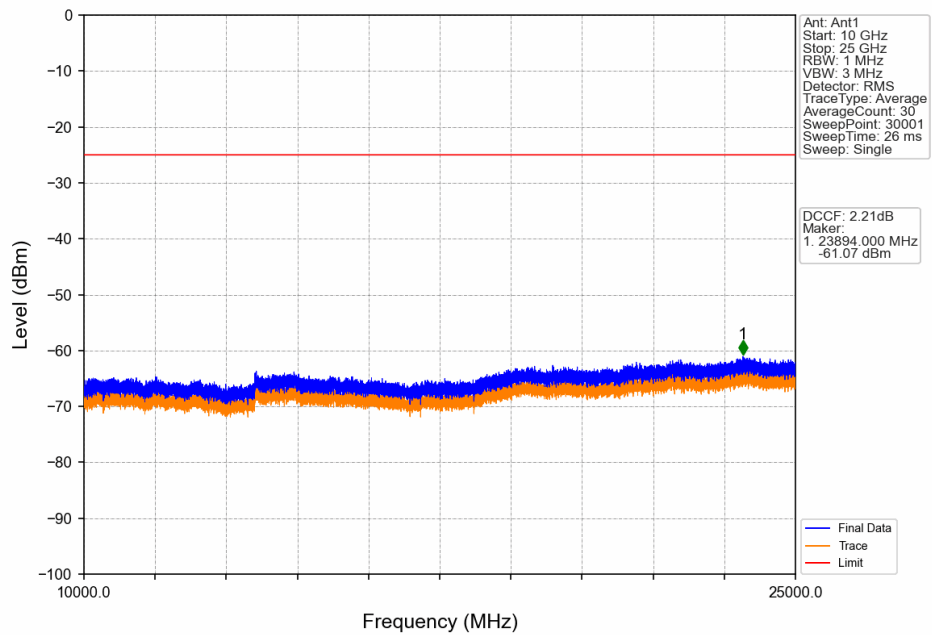


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2568.256	-24.94	-10	Pass
2569	2570	0.11	/	2	2569.961	-30.51	-10	Pass
2570	2577.5	0.11	/	/	/	/	/	/

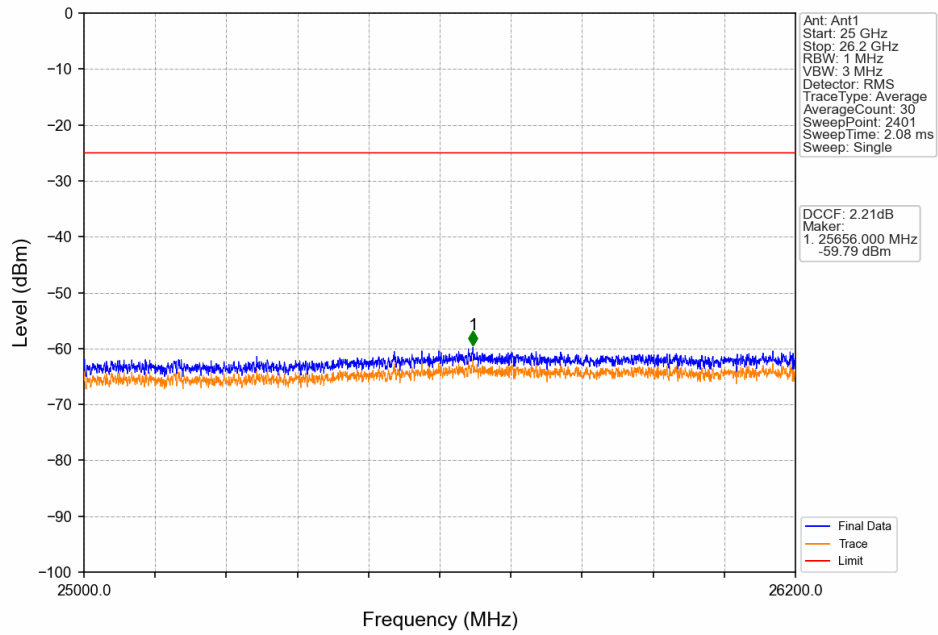
Band38 5MHz 16QAM MCH 2595MHz RB 1 0 NTNV



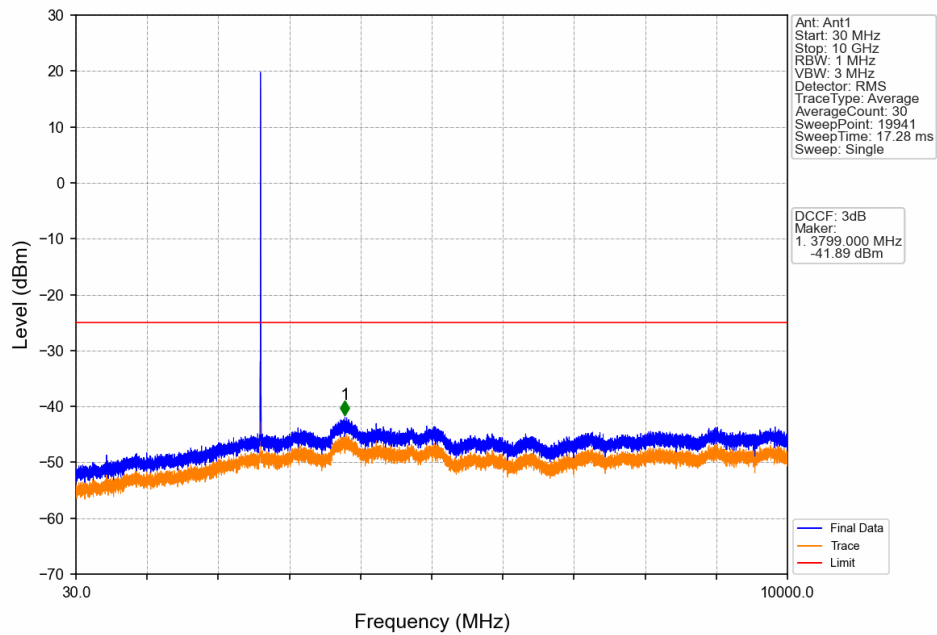
Band38 5MHz 16QAM MCH 2595MHz RB 1 0 NTNV



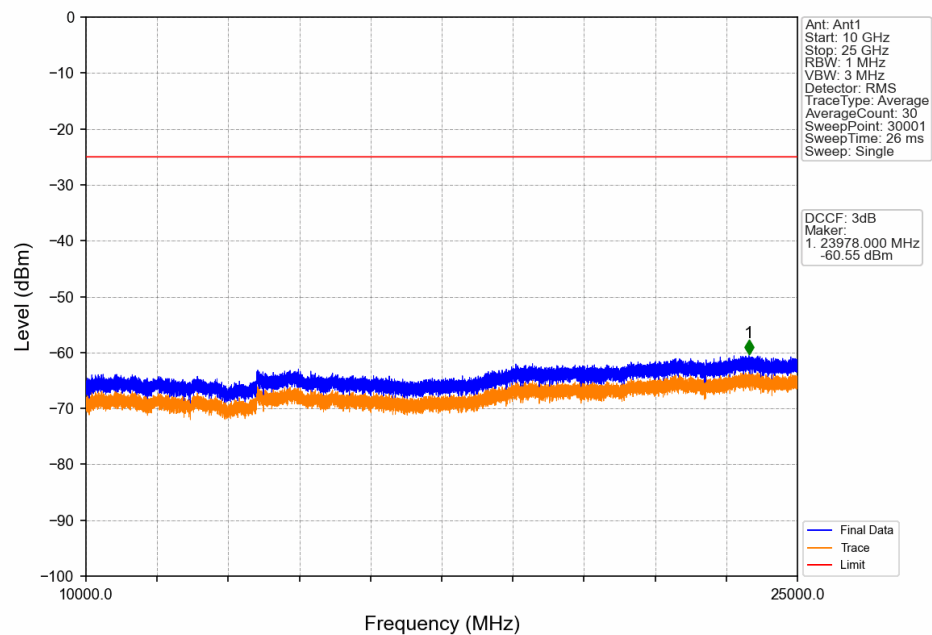
Band38 5MHz 16QAM MCH 2595MHz RB 1 0 NTNV



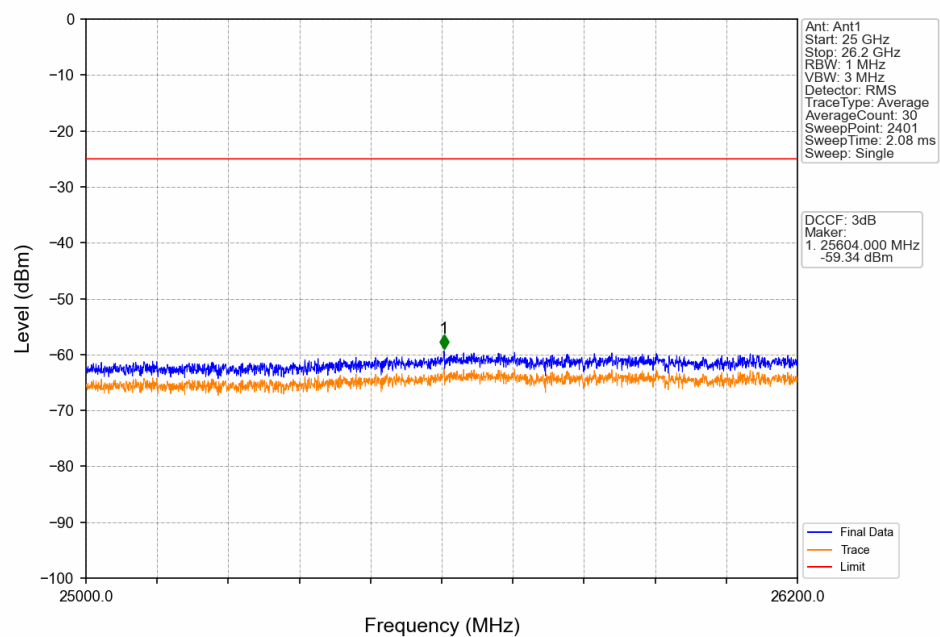
Band38 5MHz 16QAM HCH 2617.5MHz RB 1 0 NTNV



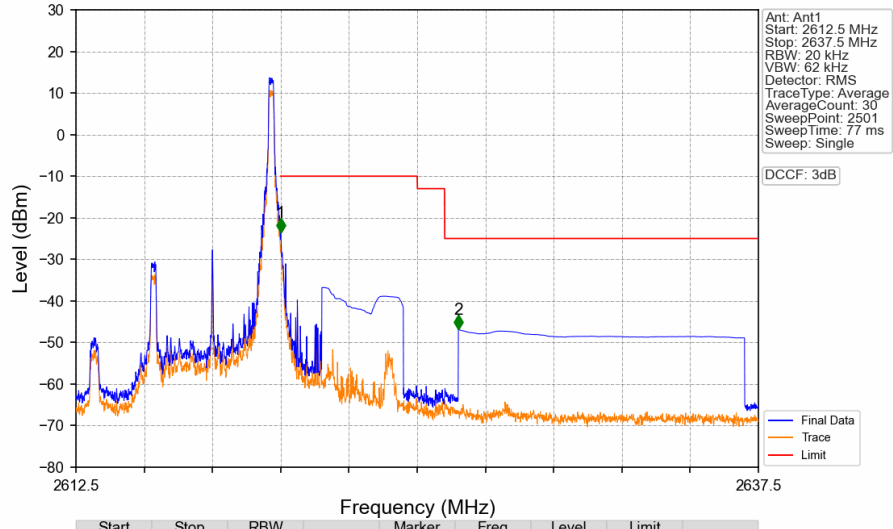
Band38 5MHz 16QAM HCH 2617.5MHz RB 1 0 NTV



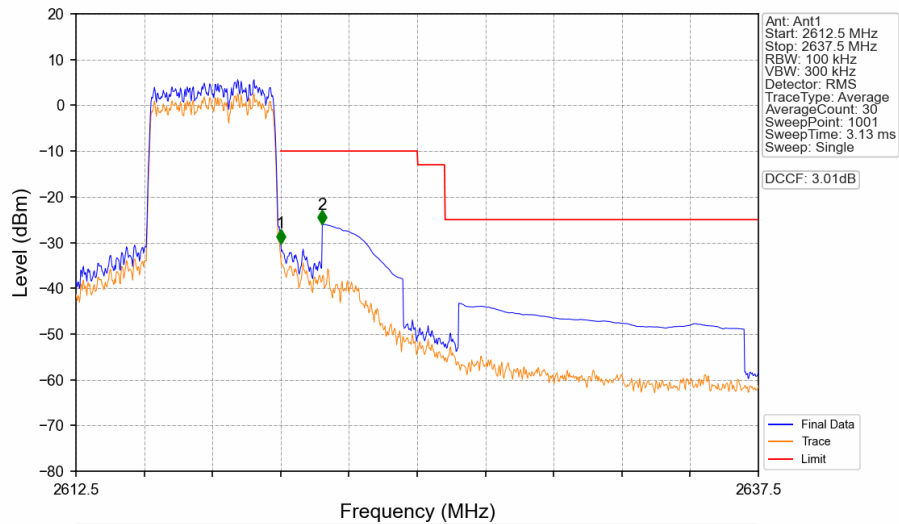
Band38 5MHz 16QAM HCH 2617.5MHz RB 1 0 NTV



Band38 5MHz 16QAM HCH 2617.5MHz RB 1 24 NTNV



Band38 5MHz 16QAM HCH 2617.5MHz RB 25 0 NTNV

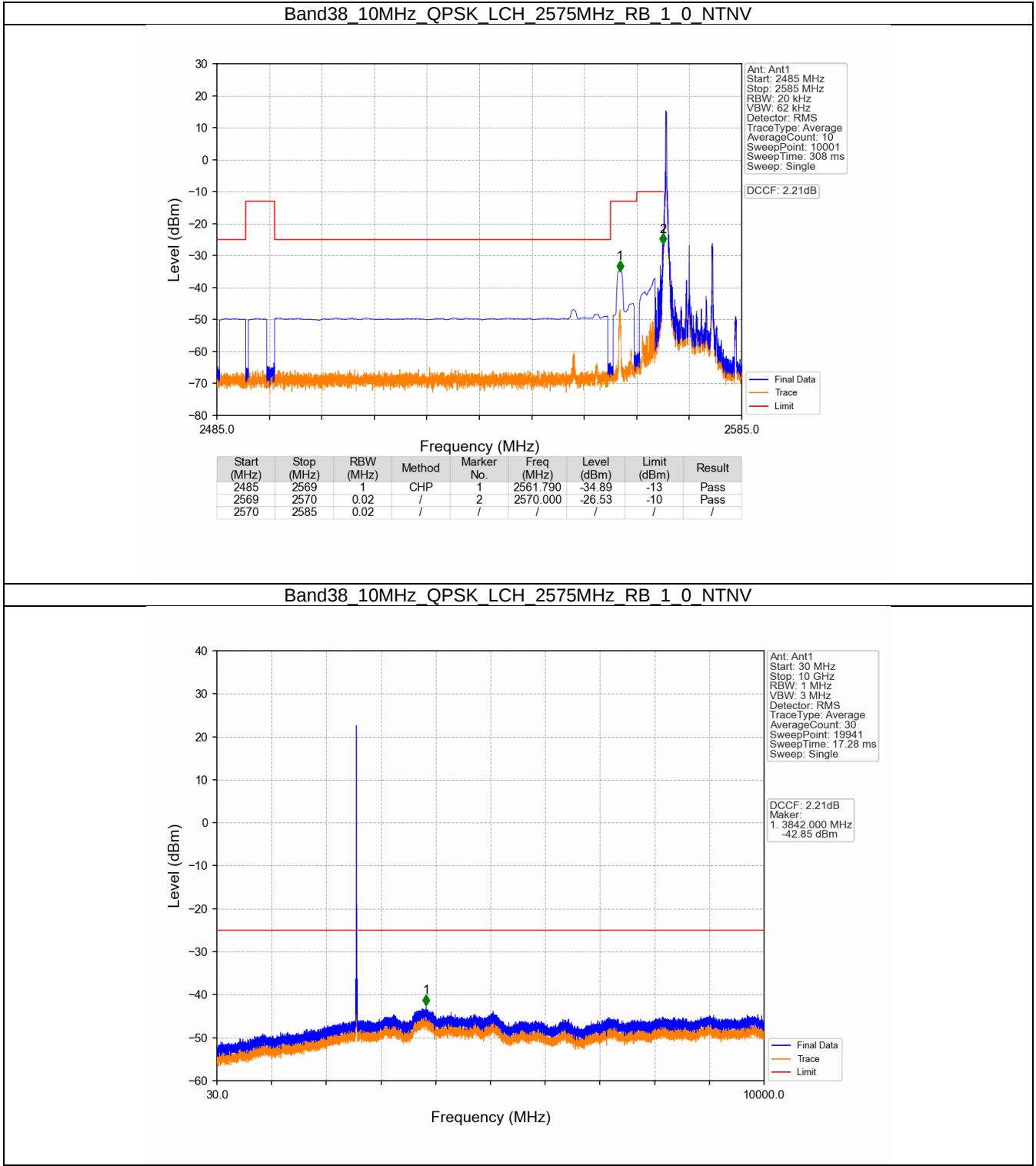


2.2 B38_10MHz

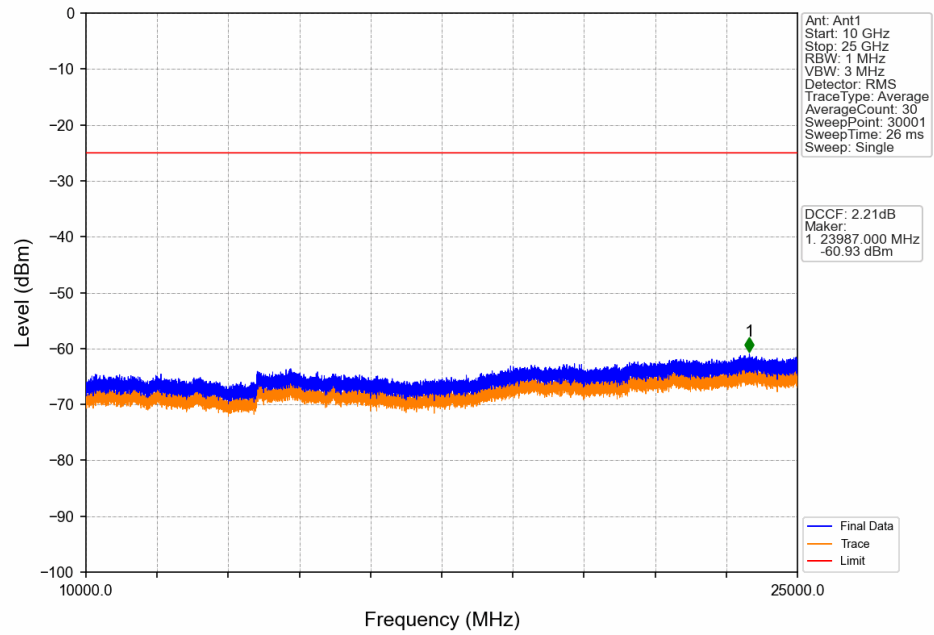
2.2.1 Test Result

Band: 38 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2615	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2575	1	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2615	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass

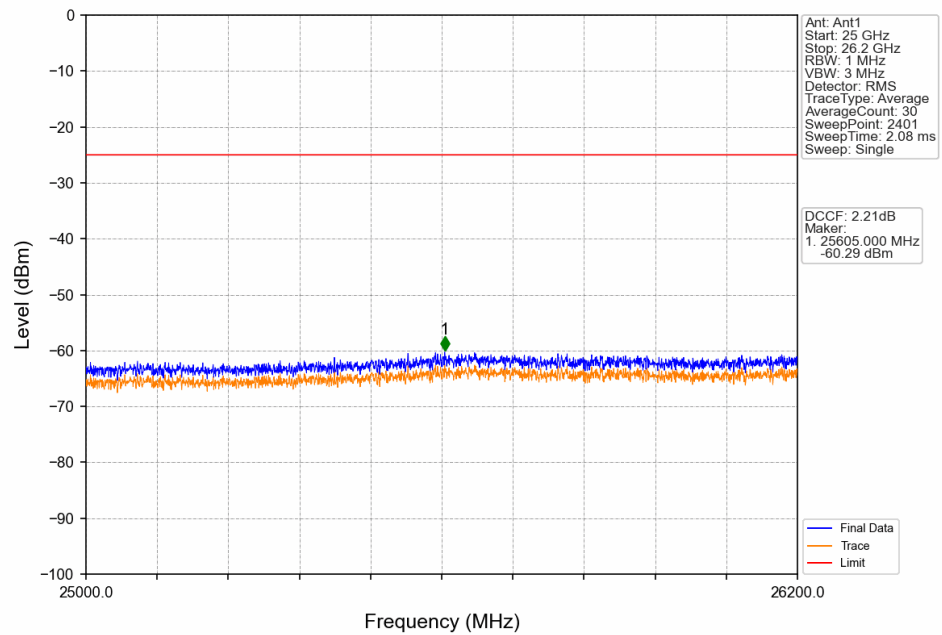
2.2.2 Test Graph



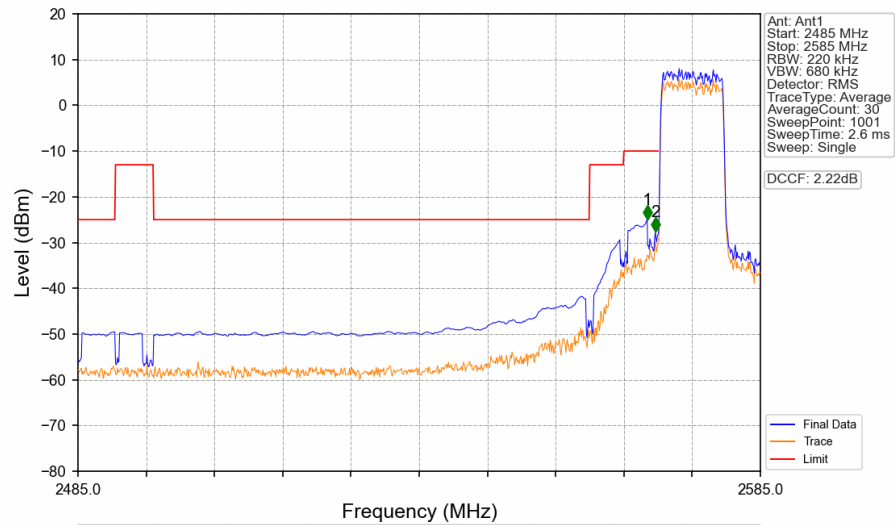
Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTN



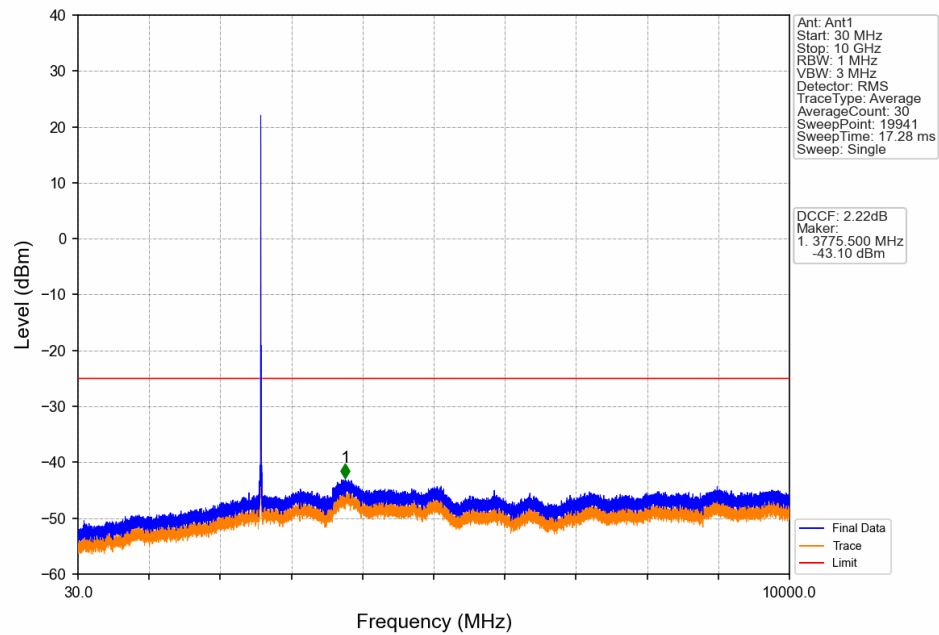
Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTN



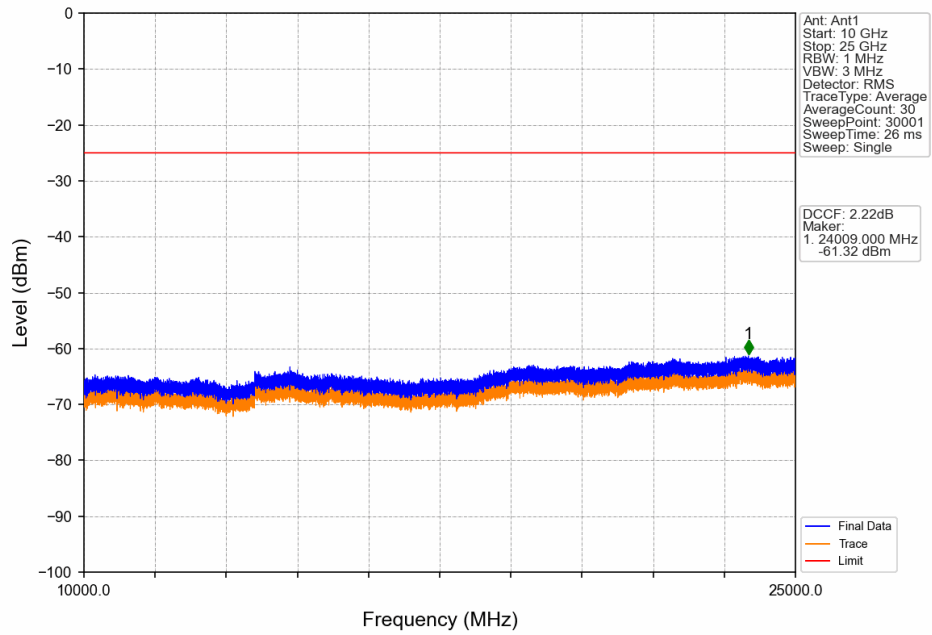
Band38 10MHz QPSK LCH 2575MHz RB 50 0 NTNV



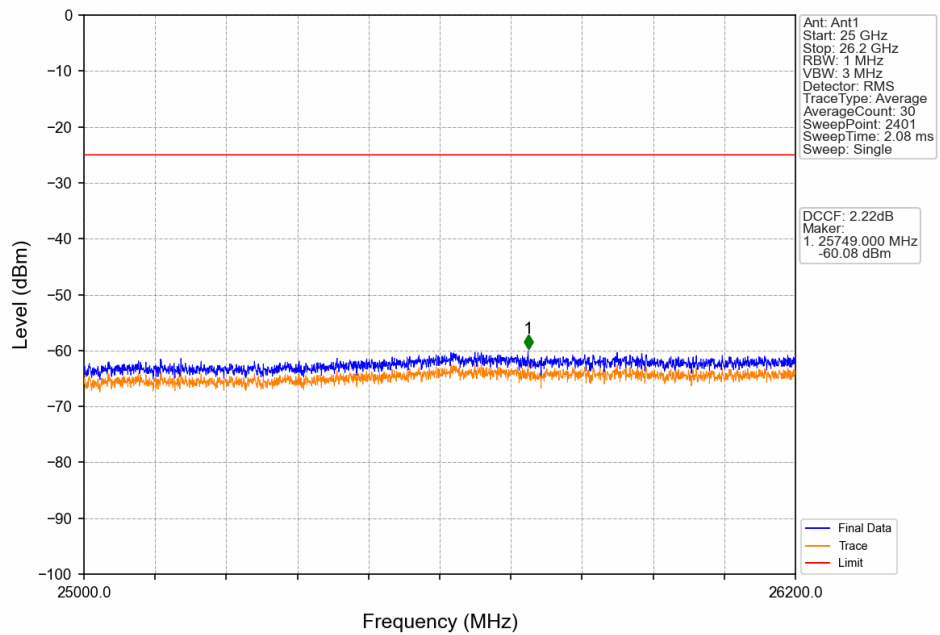
Band38 10MHz QPSK MCH 2595MHz RB 1 0 NTNV



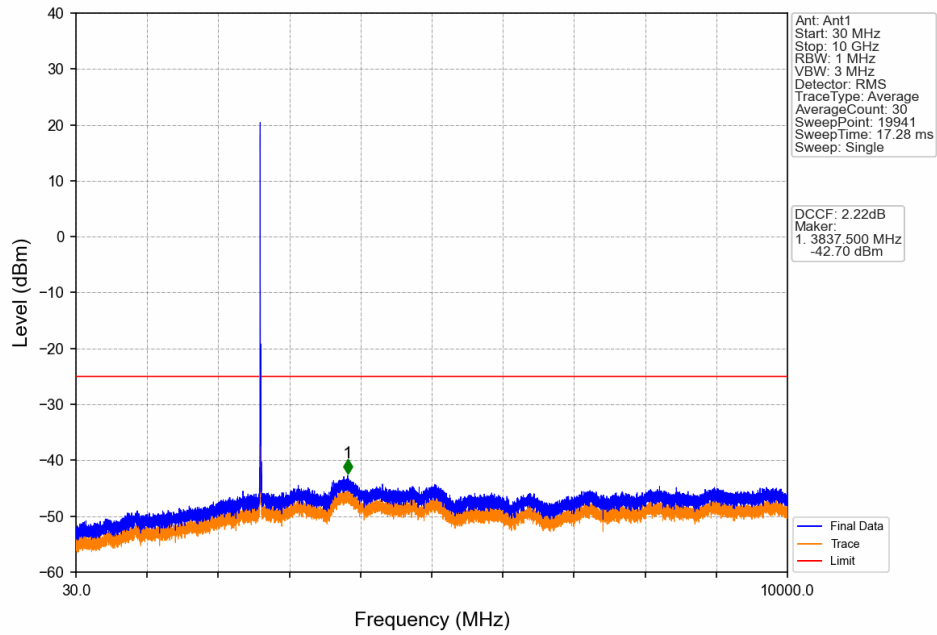
Band38 10MHz QPSK MCH 2595MHz RB 1 0 NTNV



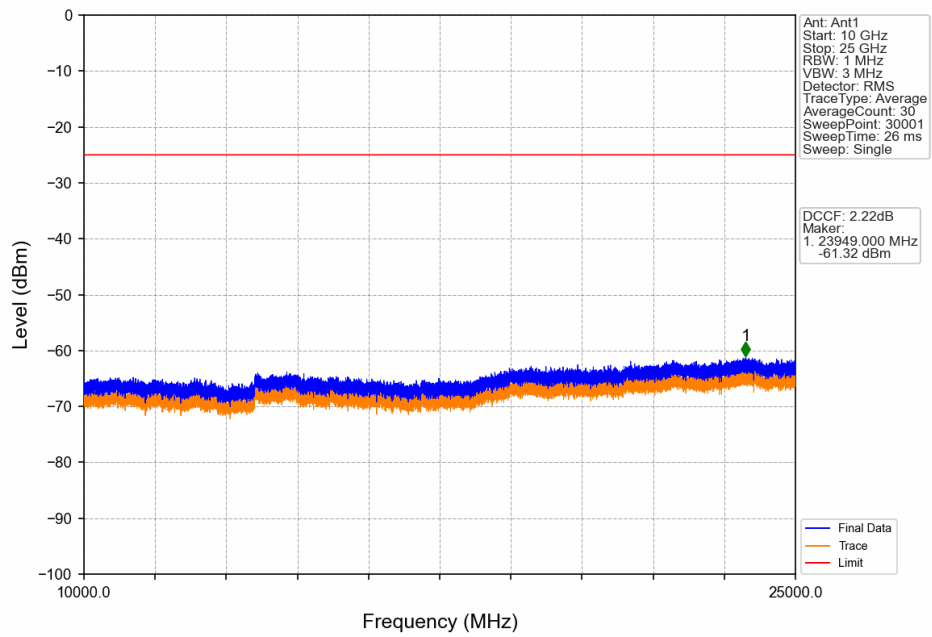
Band38 10MHz QPSK MCH 2595MHz RB 1 0 NTNV



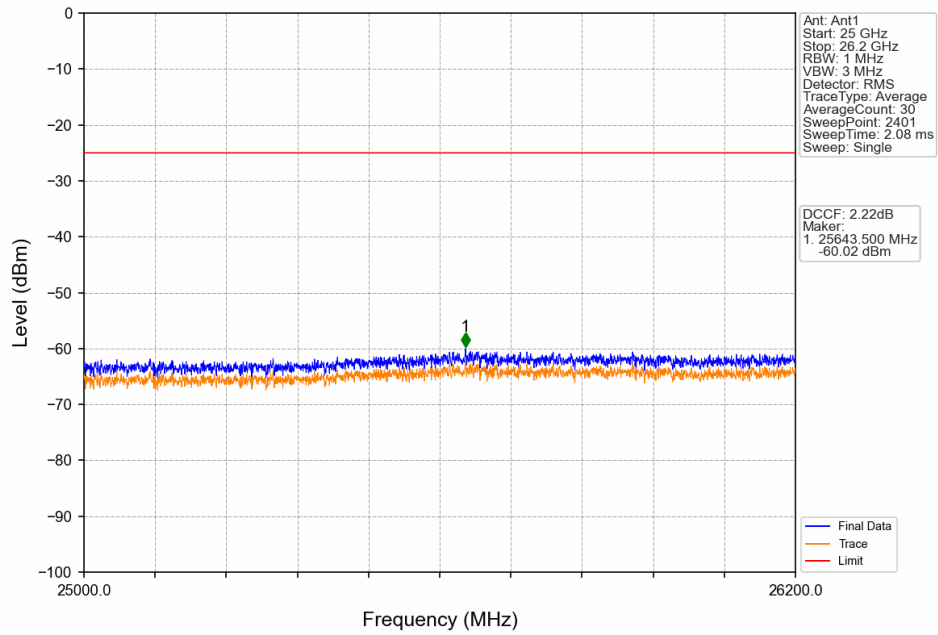
Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTNV



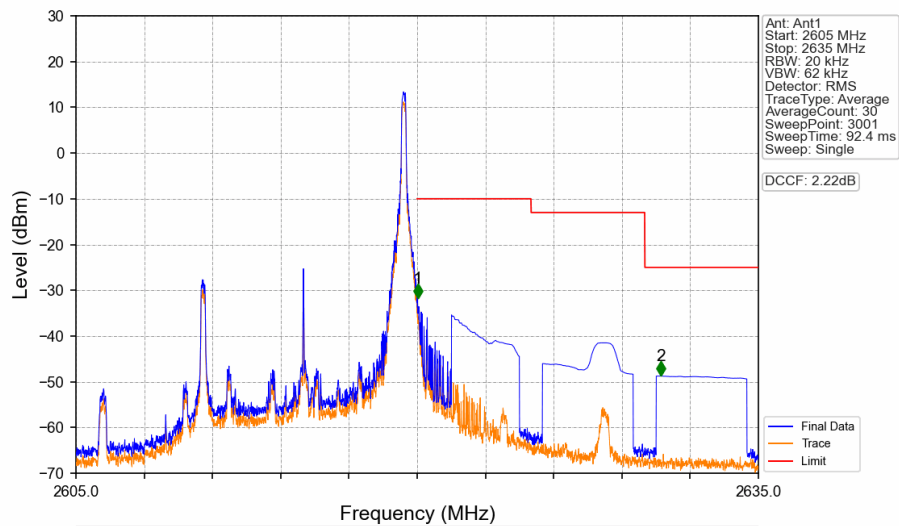
Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTNV



Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTNV

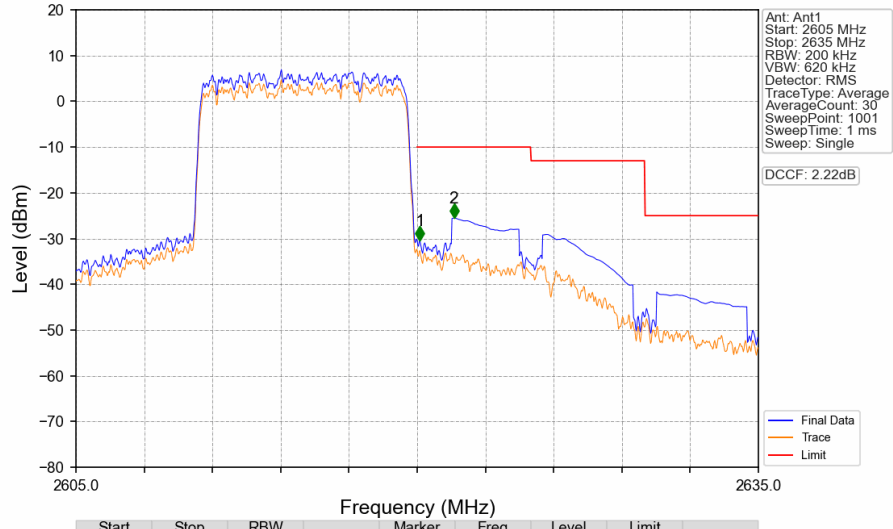


Band38 10MHz QPSK HCH 2615MHz RB 1 49 NTNV



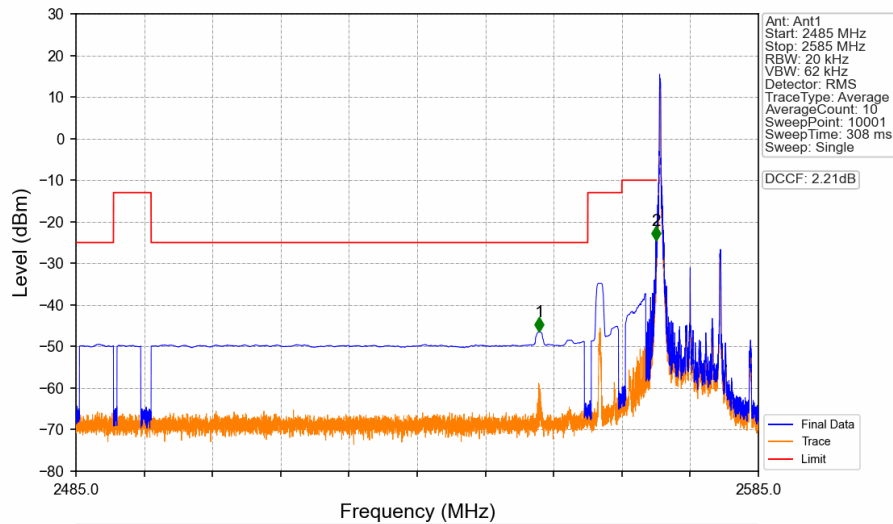
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	/	1	2620.020	-31.71	-10	Pass
2621	2635	1	CHP	2	2630.720	-48.73	-25	Pass

Band38 10MHz QPSK HCH 2615MHz RB 50 0 NTV



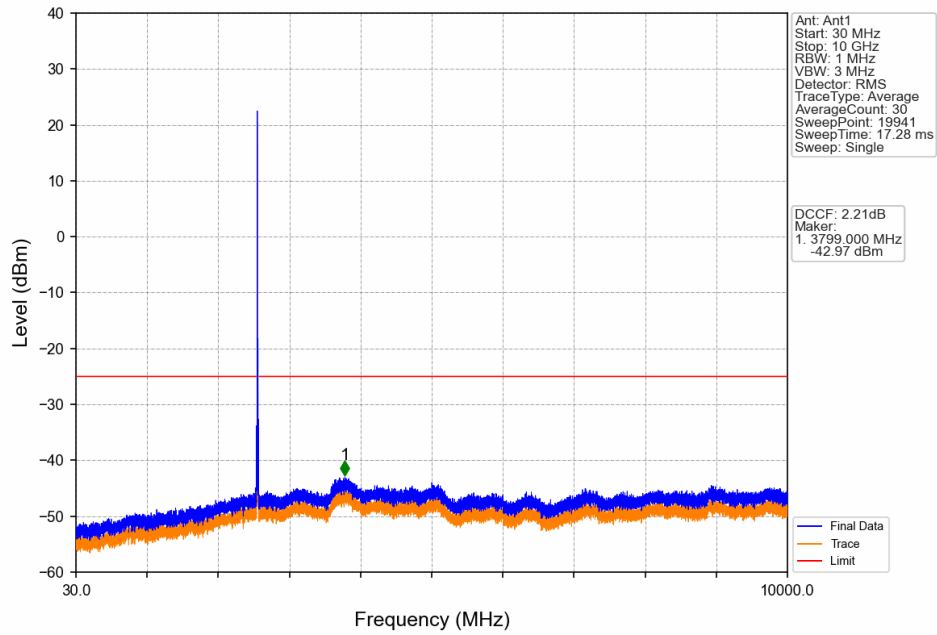
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.2	/	/	/	/	/	/
2620	2621	0.2	/	1	2620.120	-30.41	-10	Pass
2621	2635	1	CHP	2	2621.620	-25.54	-10	Pass

Band38 10MHz 16QAM LCH 2575MHz RB 1 0 NTV

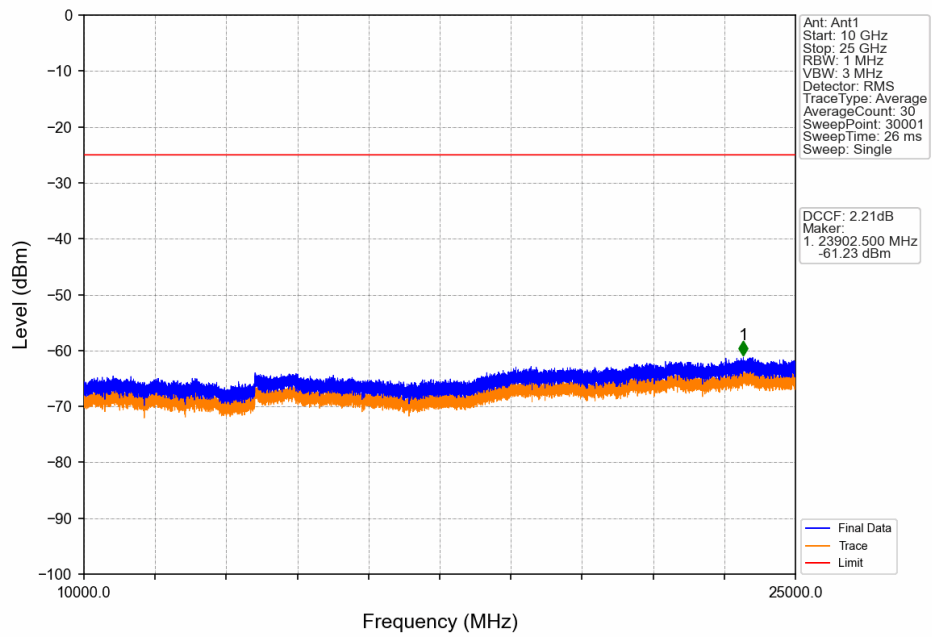


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2552.870	-46.49	-25	Pass
2569	2570	0.02	/	2	2569.990	-24.49	-10	Pass
2570	2585	0.02	/	/	/	/	/	/

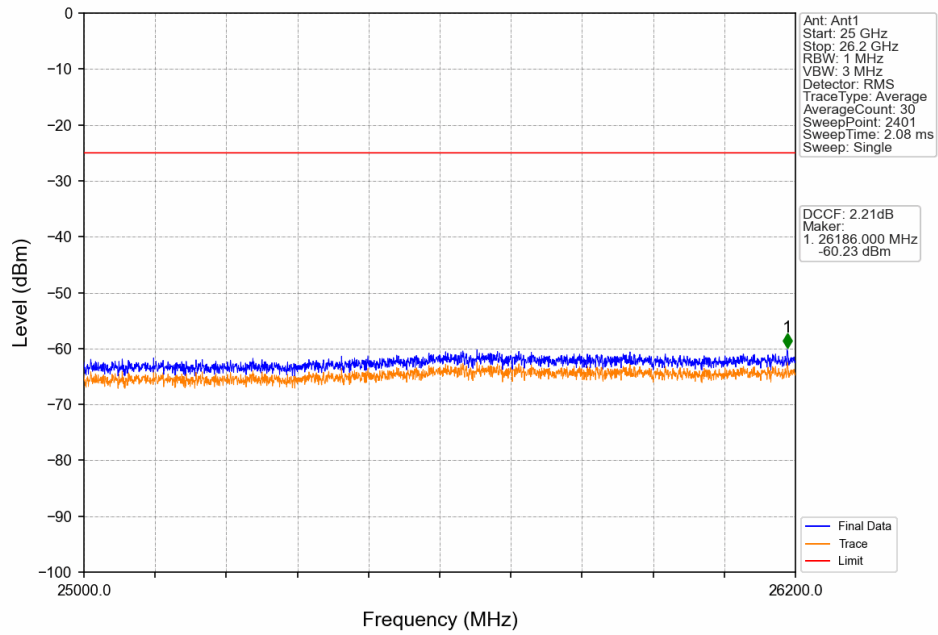
Band38 10MHz 16QAM LCH 2575MHz RB 1 0 NTNV



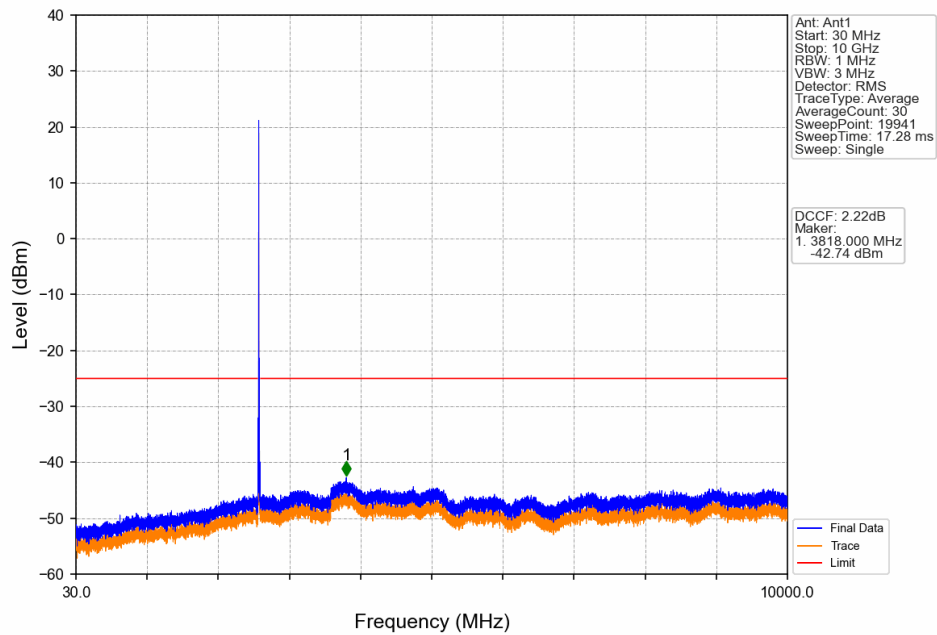
Band38 10MHz 16QAM LCH 2575MHz RB 1 0 NTNV



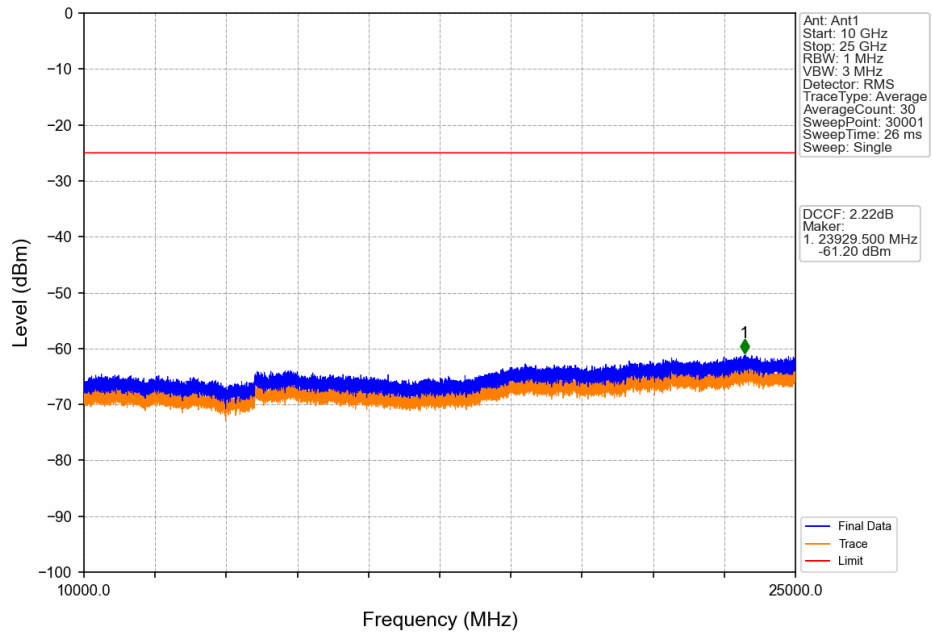
Band38 10MHz 16QAM LCH 2575MHz RB 1 0 NTNV



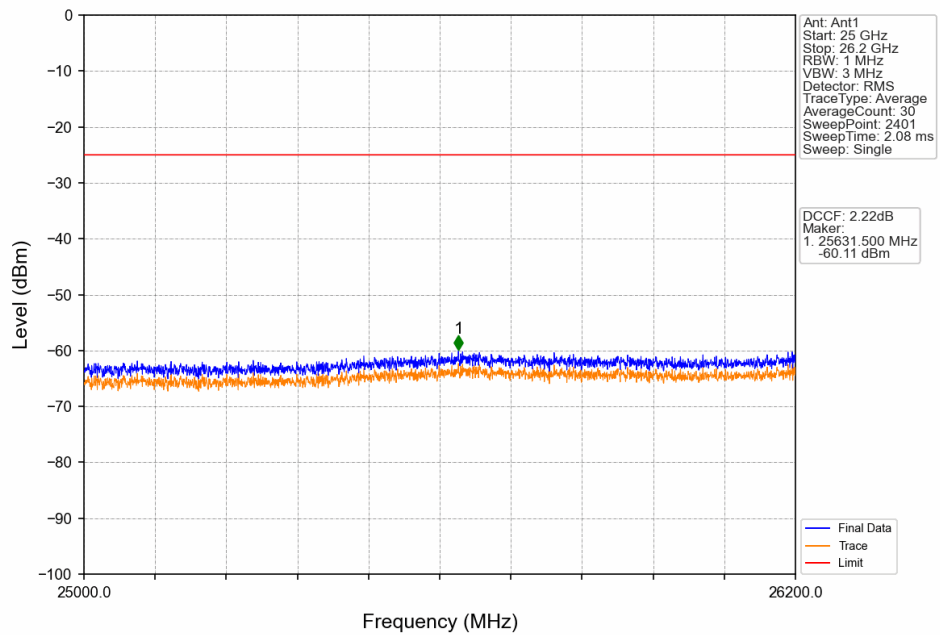
Band38 10MHz 16QAM MCH 2595MHz RB 1 0 NTNV



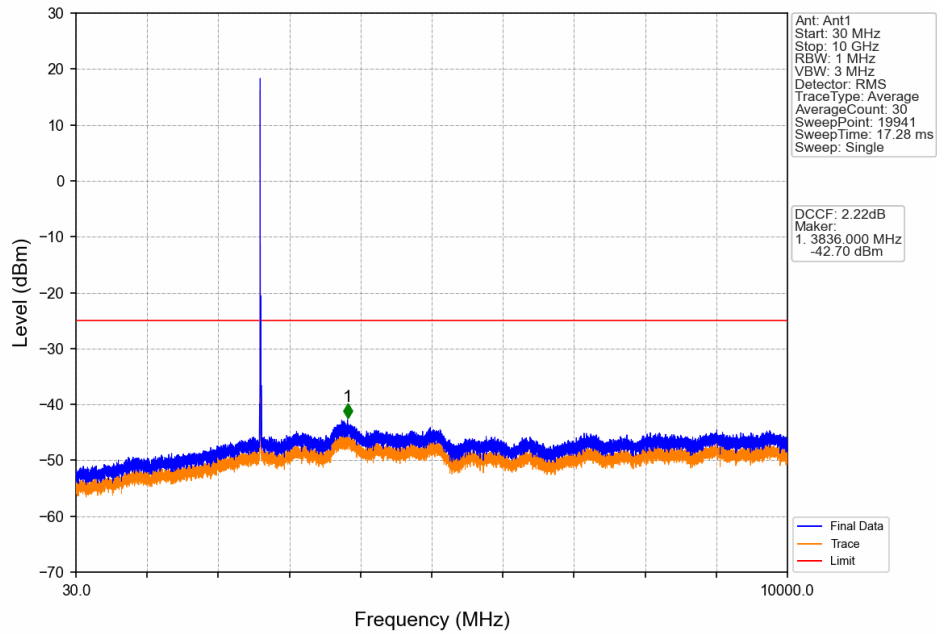
Band38 10MHz 16QAM MCH 2595MHz RB 1 0 NTNV



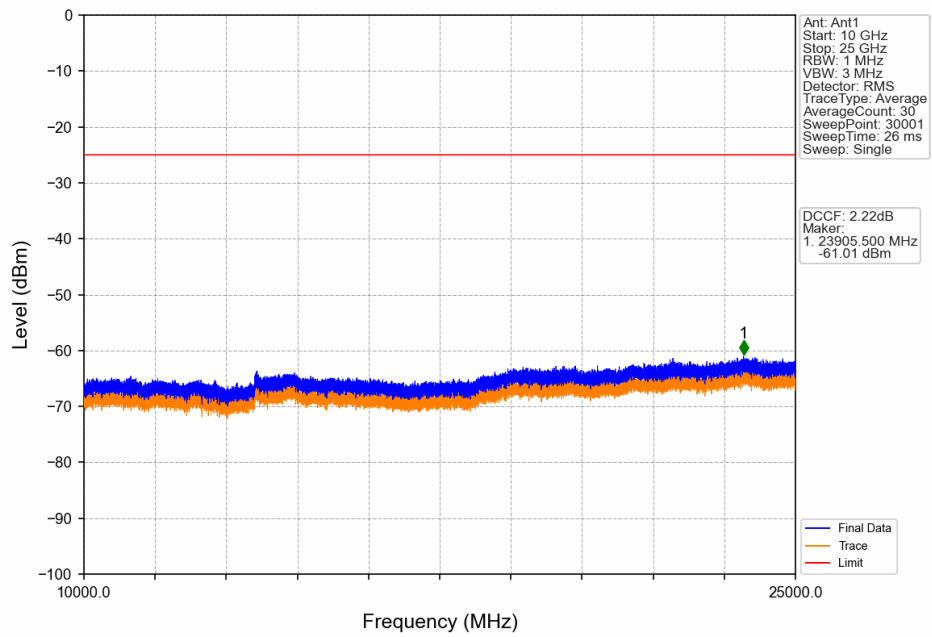
Band38 10MHz 16QAM MCH 2595MHz RB 1 0 NTNV



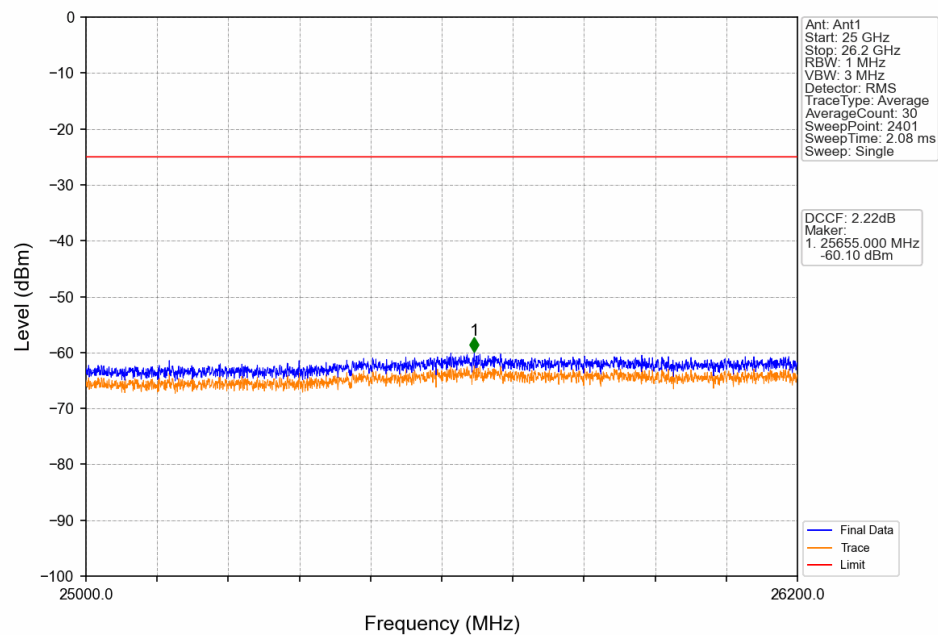
Band38 10MHz 16QAM HCH 2615MHz RB 1 0 NTNV



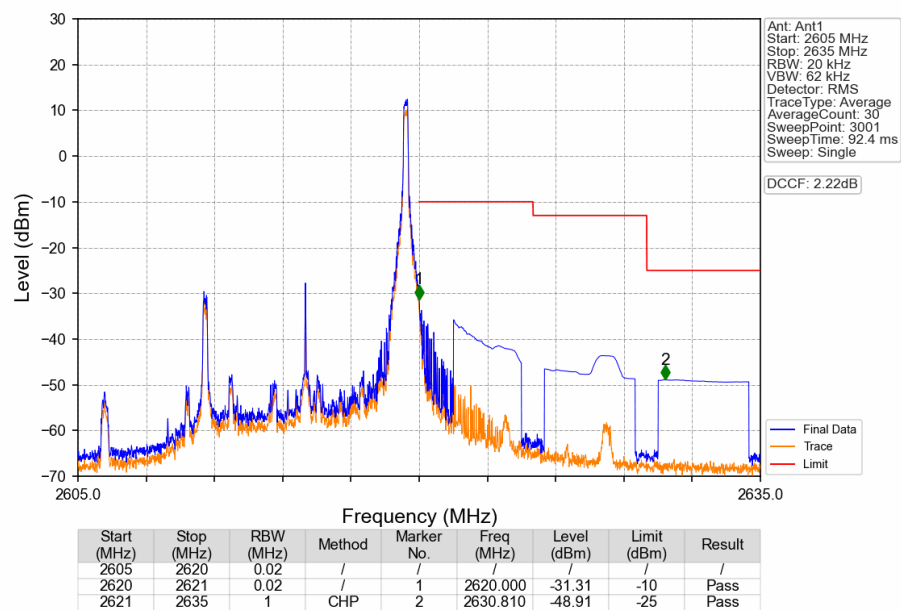
Band38 10MHz 16QAM HCH 2615MHz RB 1 0 NTNV



Band38 10MHz 16QAM HCH 2615MHz RB 1 0 NTV



Band38 10MHz 16QAM HCH 2615MHz RB 1 49 NTV

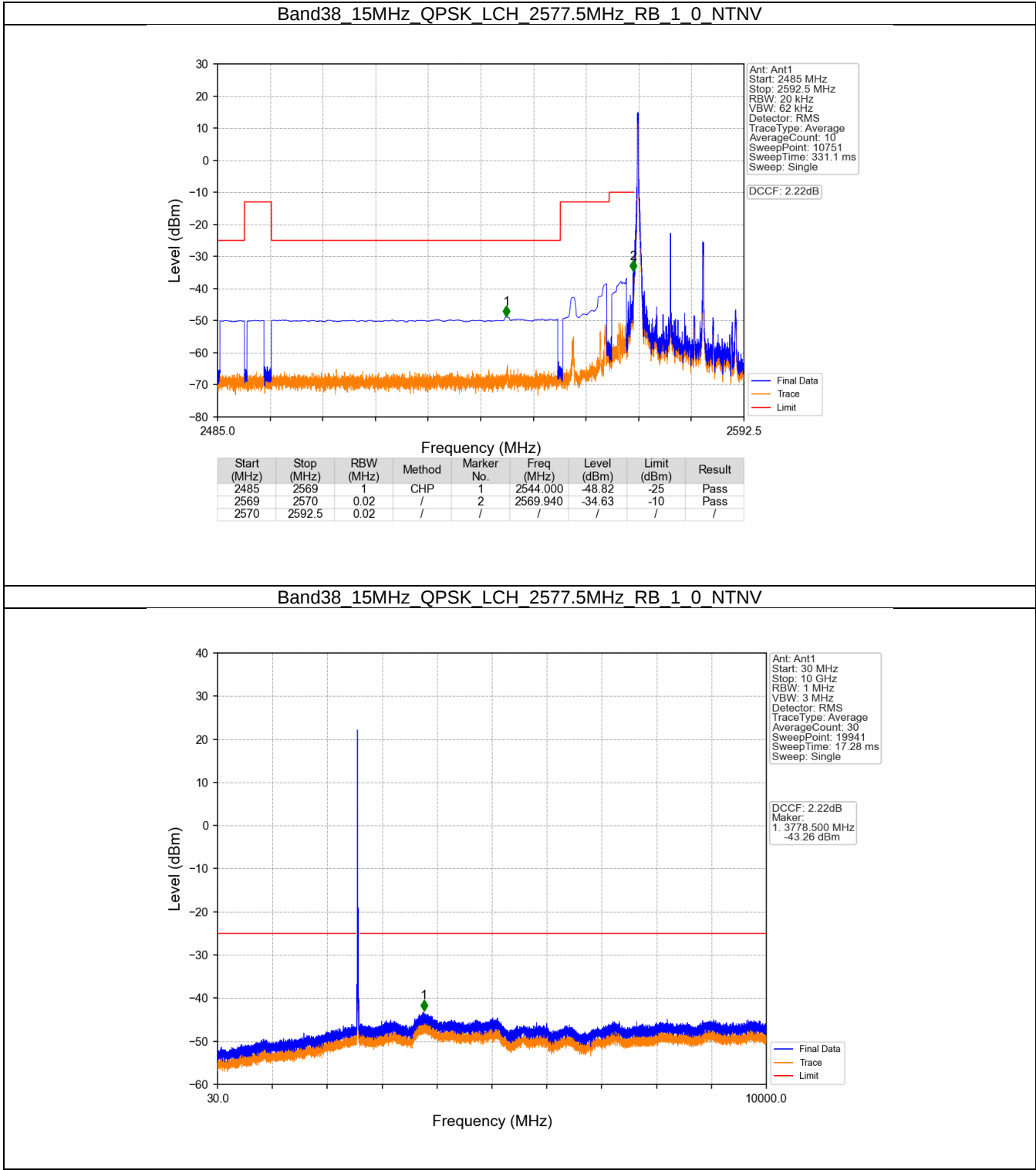


2.3 B38_15MHz

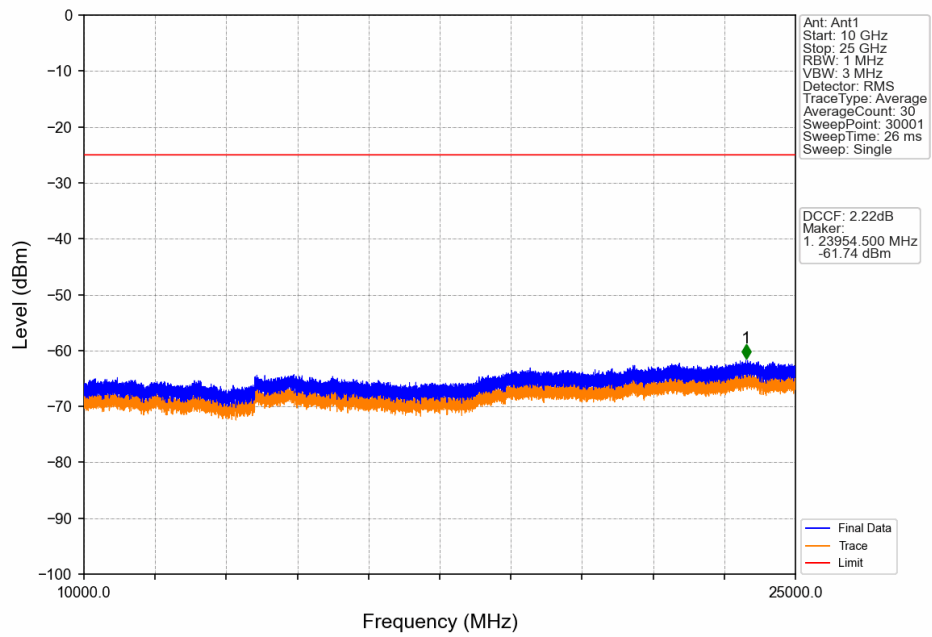
2.3.1 Test Result

Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	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
16QAM	2577.5	1	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass

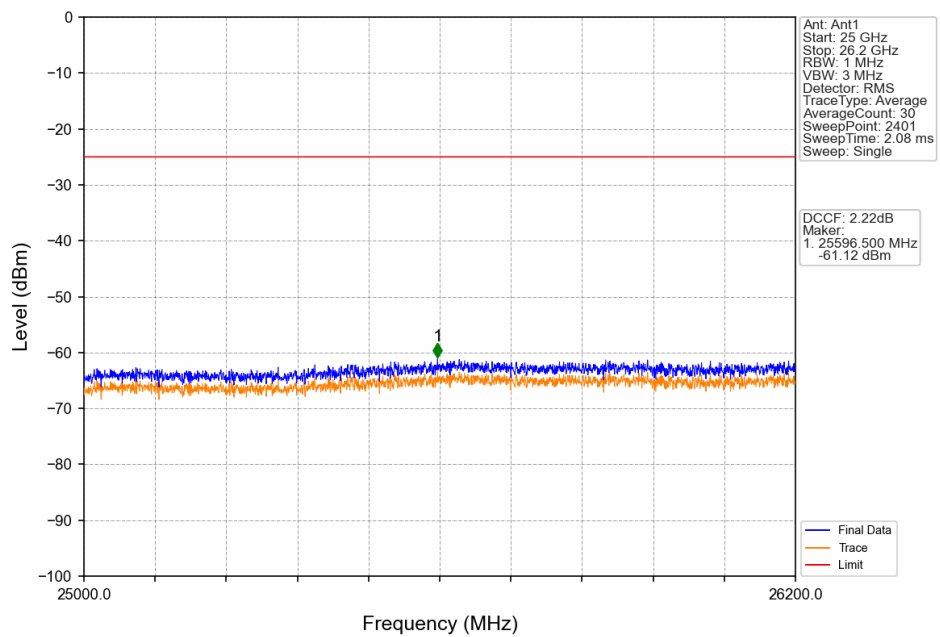
2.3.2 Test Graph



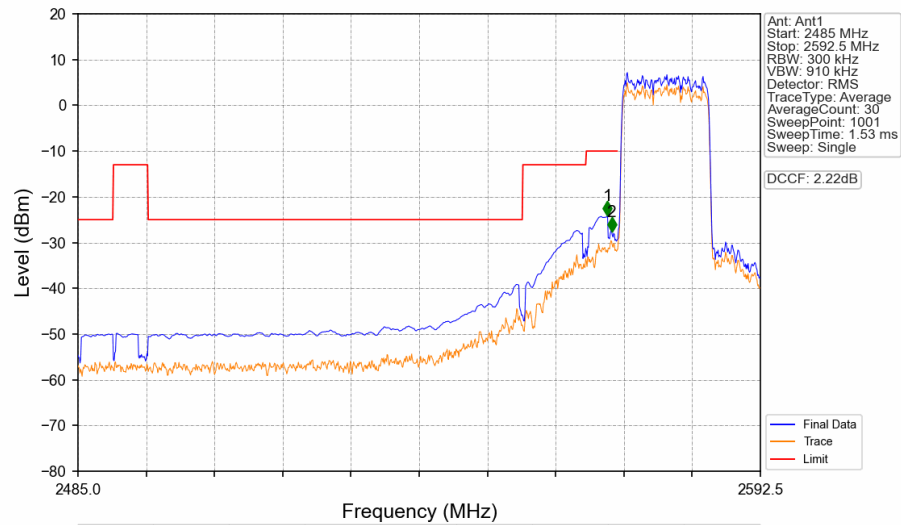
Band38 15MHz QPSK LCH 2577.5MHz RB 1 0 NTNV



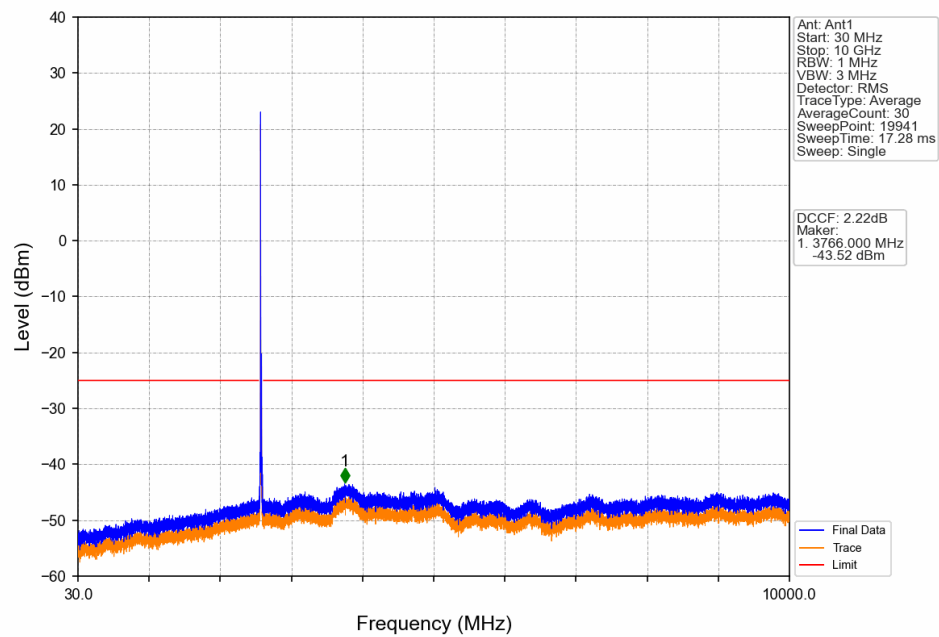
Band38 15MHz QPSK LCH 2577.5MHz RB 1 0 NTNV



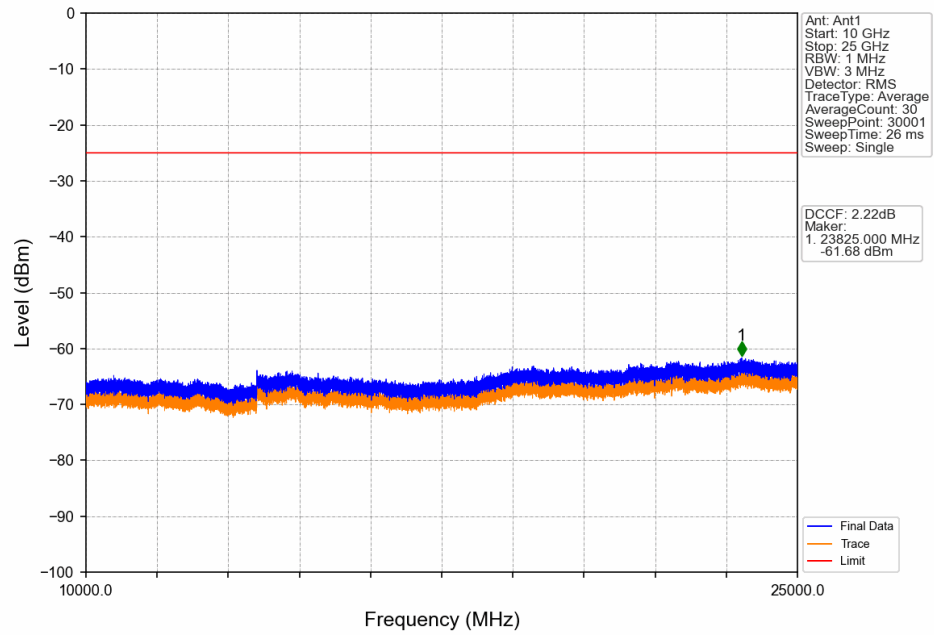
Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTNV



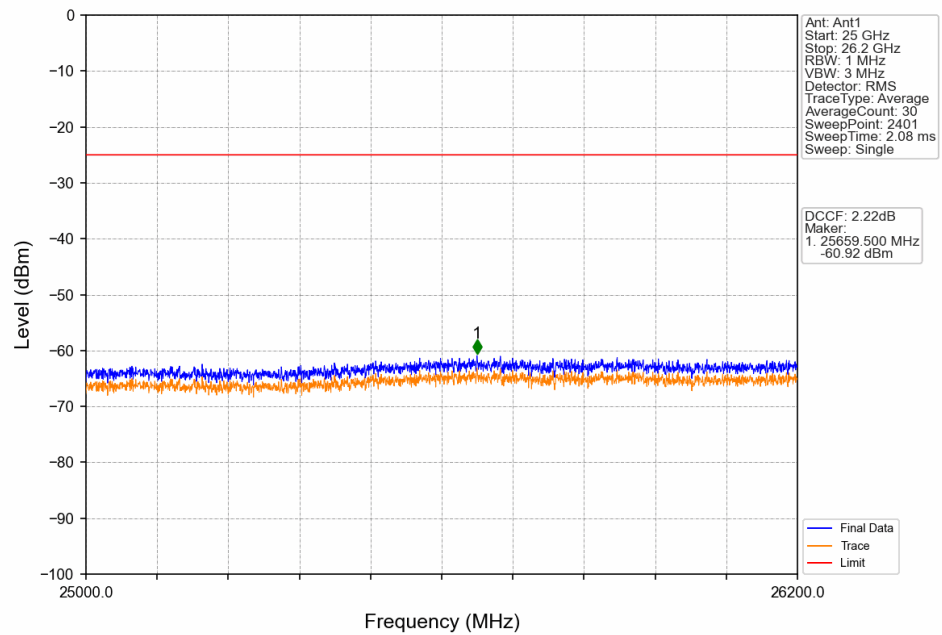
Band38 15MHz QPSK MCH 2595MHz RB 1 0 NTNV



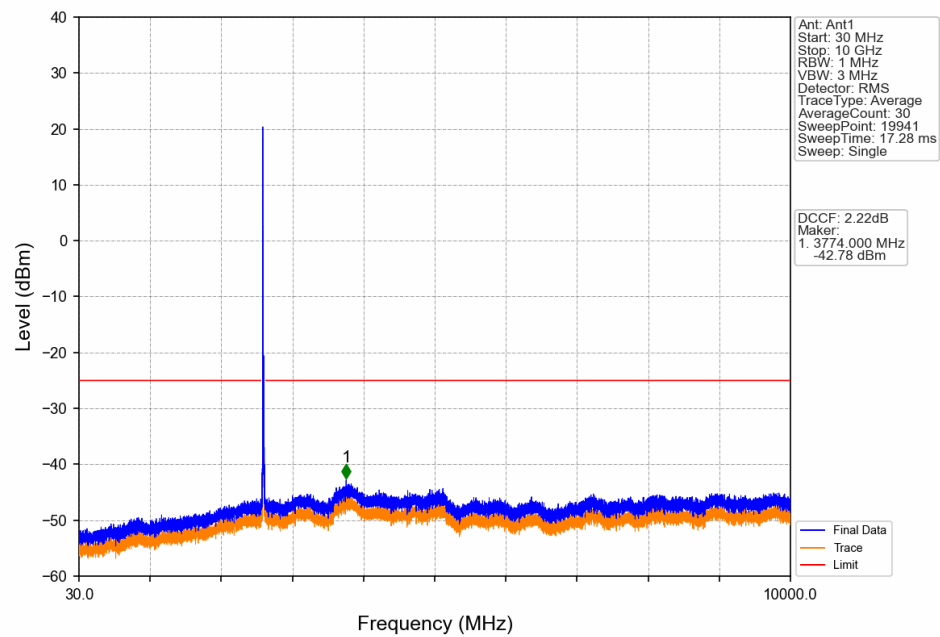
Band38 15MHz QPSK MCH 2595MHz RB 1 0 NTNV



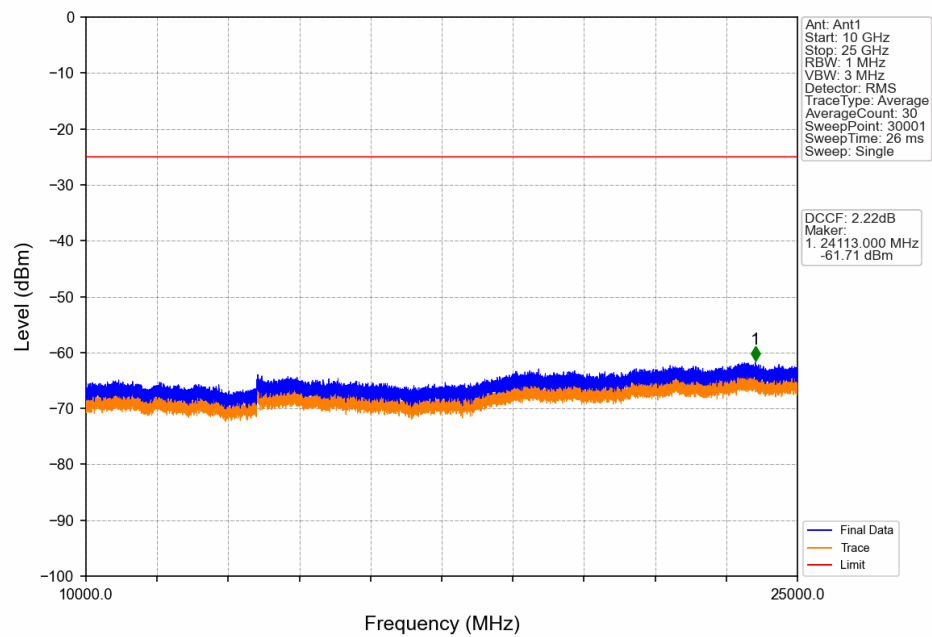
Band38 15MHz QPSK MCH 2595MHz RB 1 0 NTNV



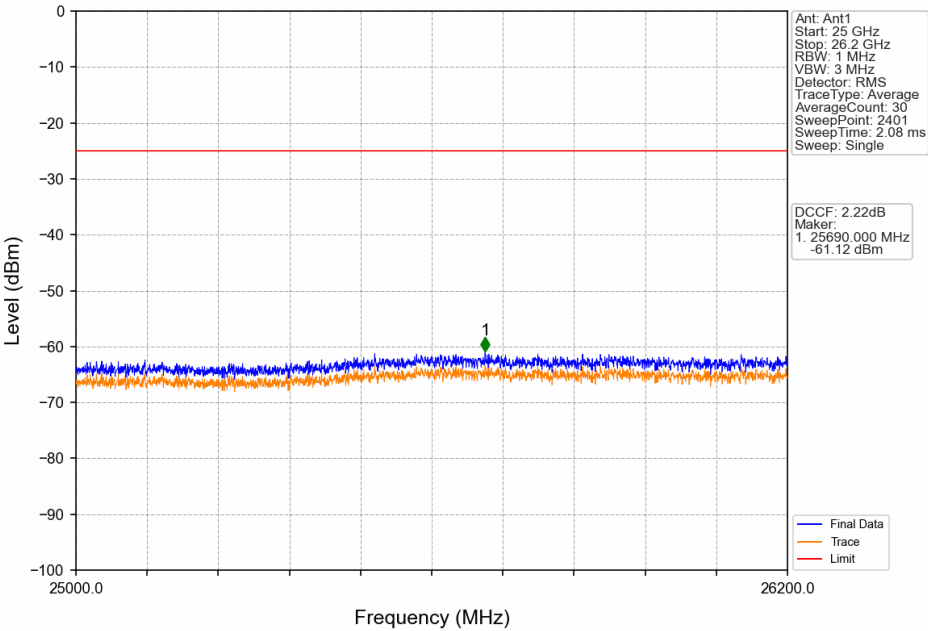
Band38 15MHz QPSK HCH 2612.5MHz RB 1 0 NTNV



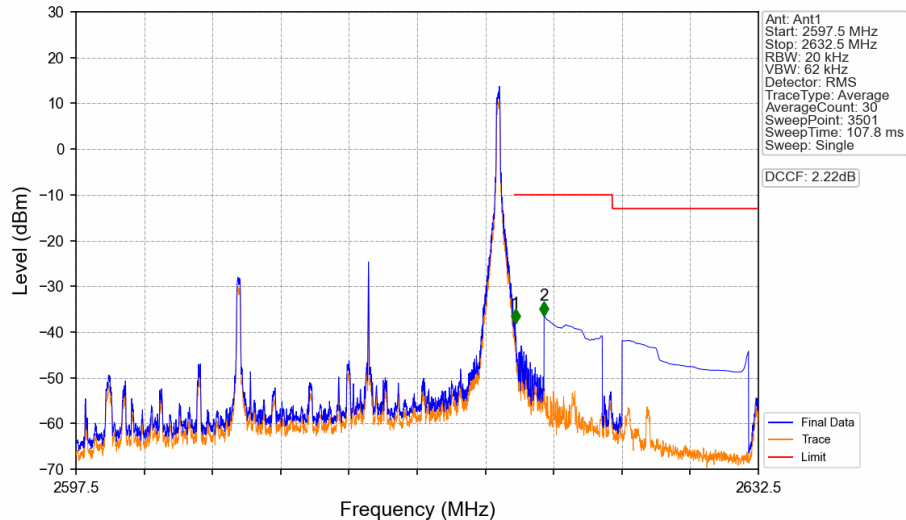
Band38 15MHz QPSK HCH 2612.5MHz RB 1 0 NTNV



Band38 15MHz QPSK HCH 2612.5MHz RB 1 0 NTNV

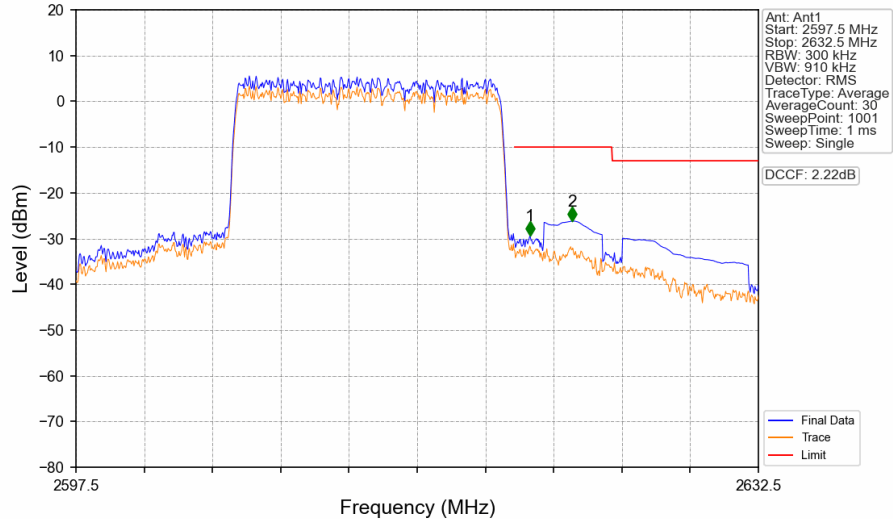


Band38 15MHz QPSK HCH 2612.5MHz RB 1 74 NTNV



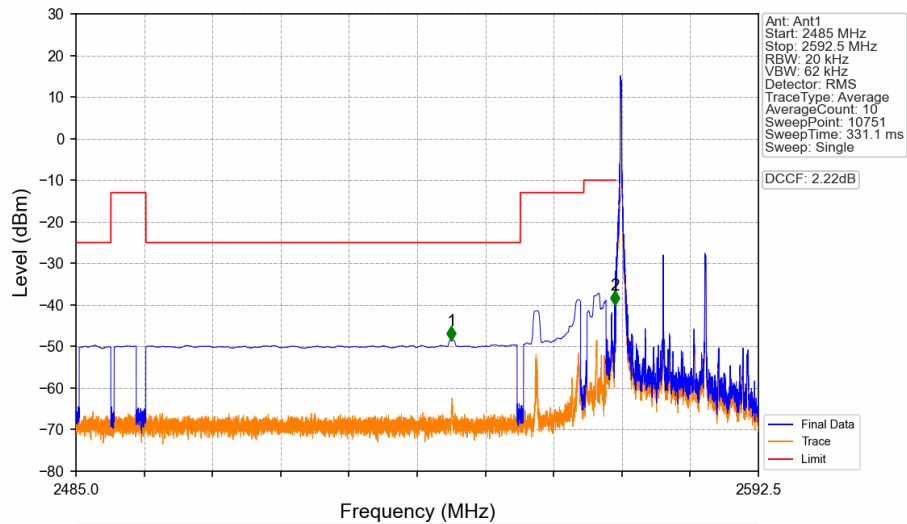
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.02	/	1	2620.030	-38.06	-10	Pass
2620	2621	0.02	/	1	2620.030	-38.06	-10	Pass
2621	2632.5	1	CHP	2	2621.510	-36.43	-10	Pass

Band38 15MHz QPSK HCH 2612.5MHz RB 75 0 NTNV



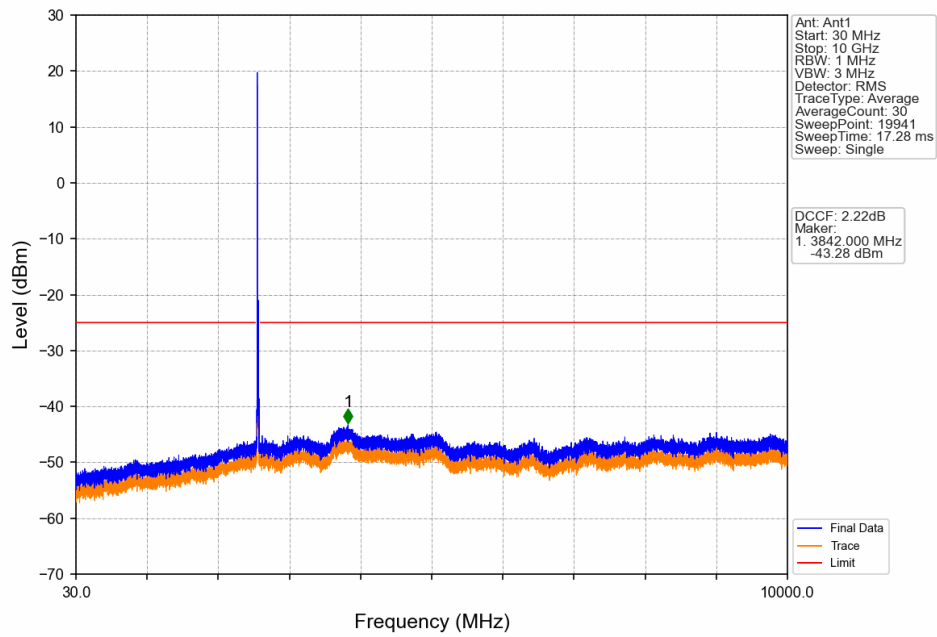
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.3	/	/	/	/	/	/
2620	2621	0.3	/	1	2620.775	-29.44	-10	Pass
2621	2632.5	1	CHP	2	2622.945	-26.18	-10	Pass

Band38 15MHz 16QAM LCH 2577.5MHz RB 1 0 NTNV

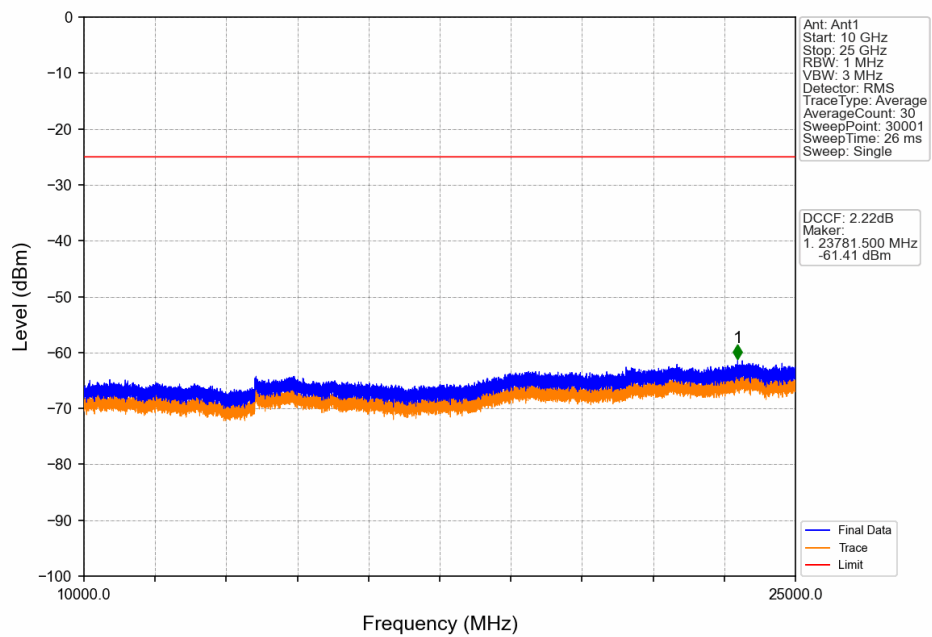


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2544.150	-48.53	-25	Pass
2569	2570	0.02	/	2	2569.850	-40.09	-10	Pass
2570	2592.5	0.02	/	/	/	/	/	/

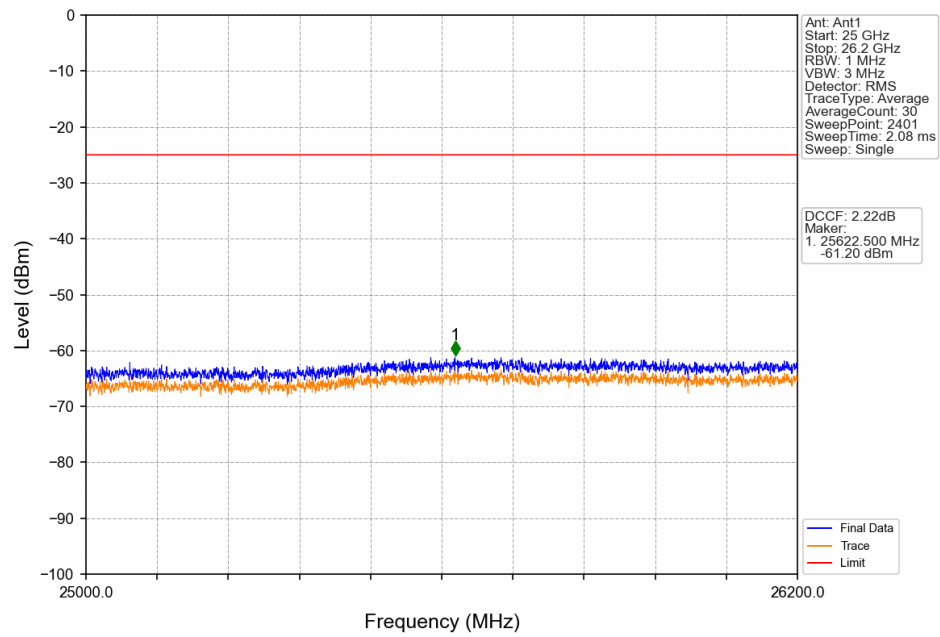
Band38 15MHz 16QAM LCH 2577.5MHz RB 1 0 NTNV



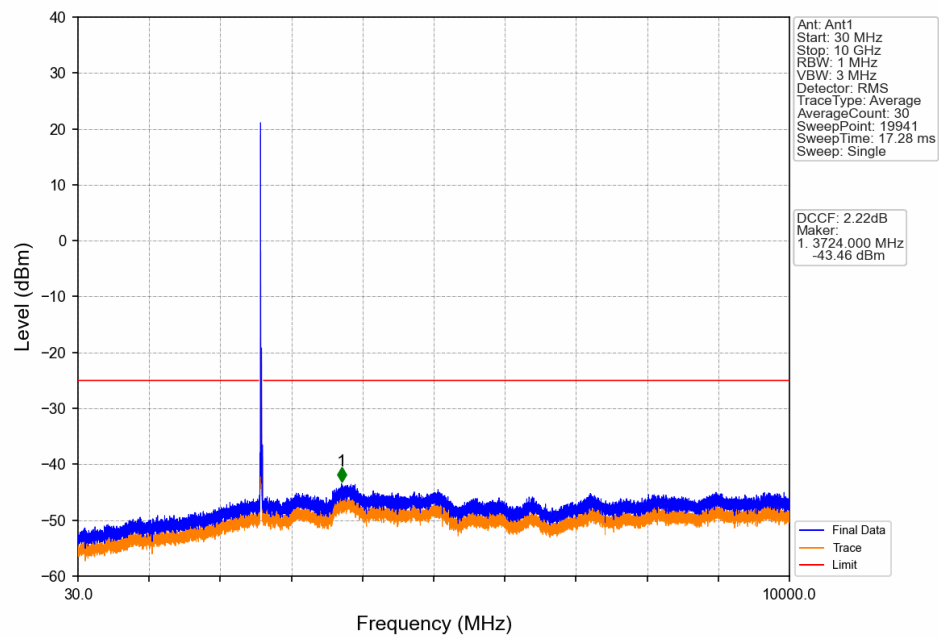
Band38 15MHz 16QAM LCH 2577.5MHz RB 1 0 NTNV



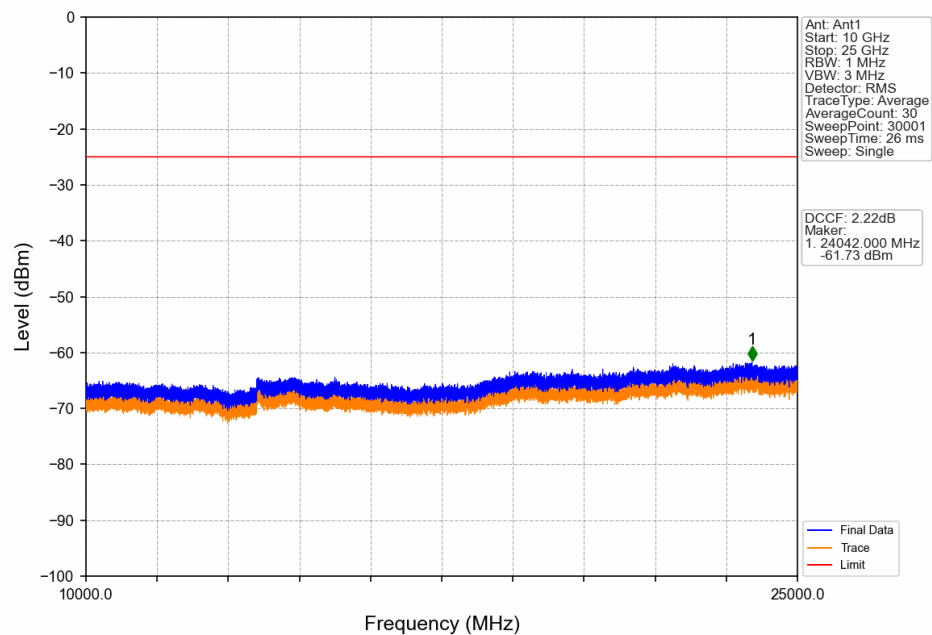
Band38 15MHz 16QAM LCH 2577.5MHz RB 1 0 NTNV



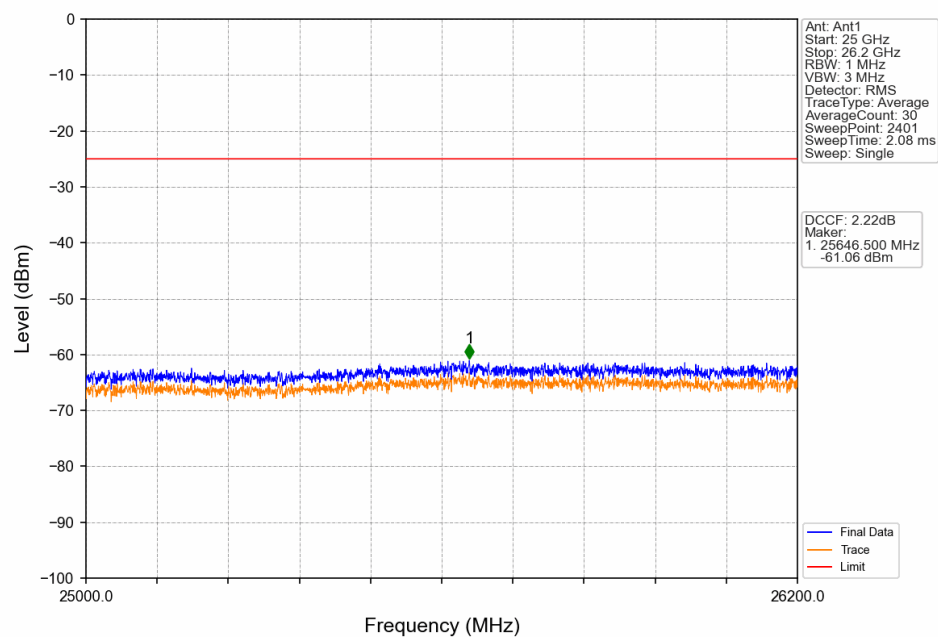
Band38 15MHz 16QAM MCH 2595MHz RB 1 0 NTNV



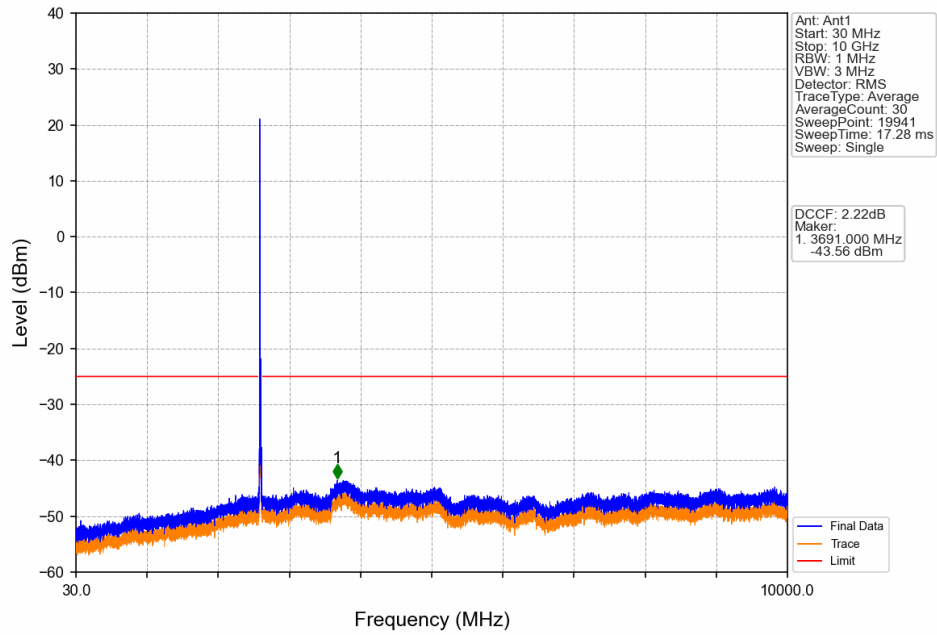
Band38 15MHz 16QAM MCH 2595MHz RB 1 0 NTNV



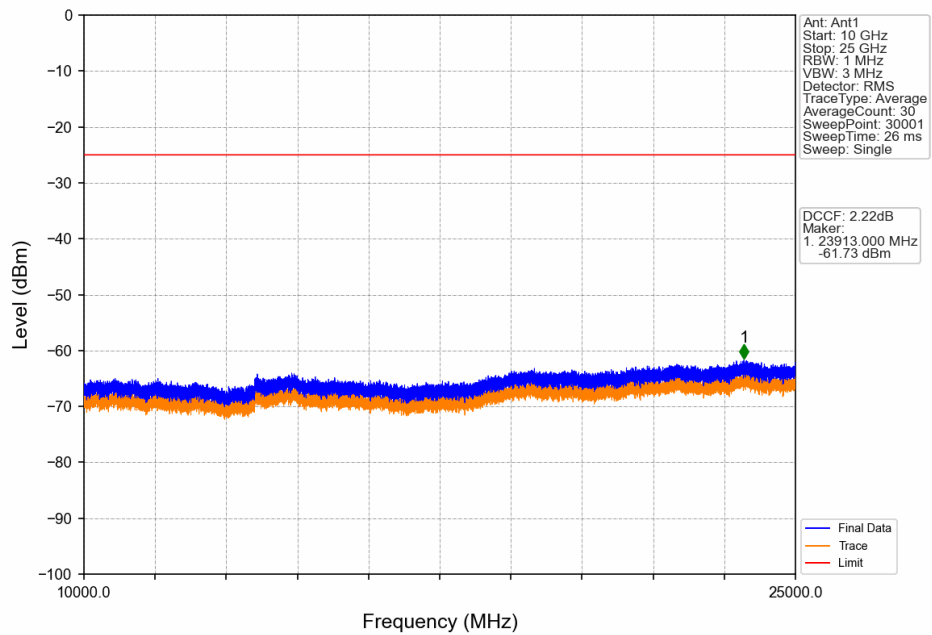
Band38 15MHz 16QAM MCH 2595MHz RB 1 0 NTNV



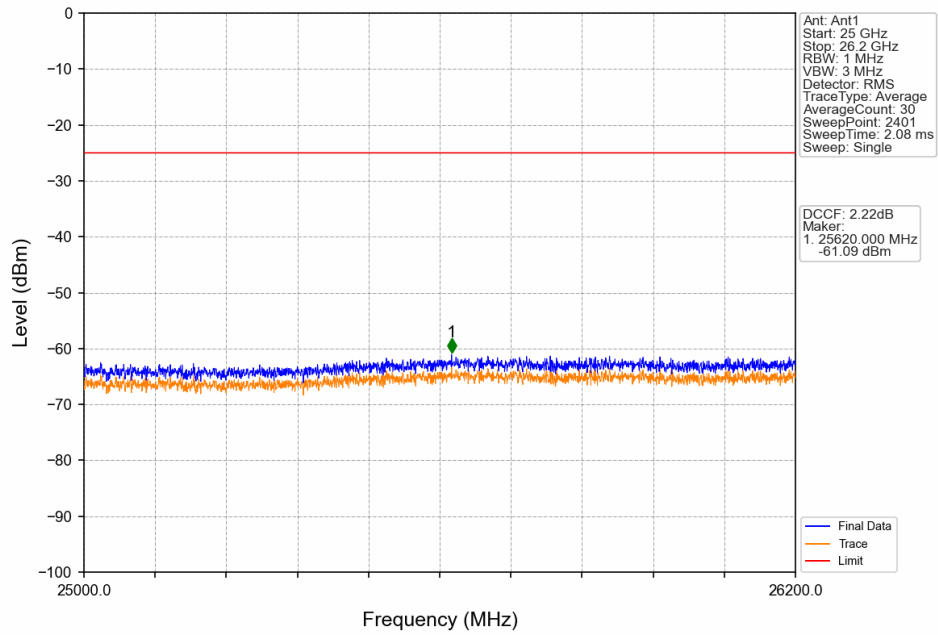
Band38 15MHz 16QAM HCH 2612.5MHz RB 1 0 NTN



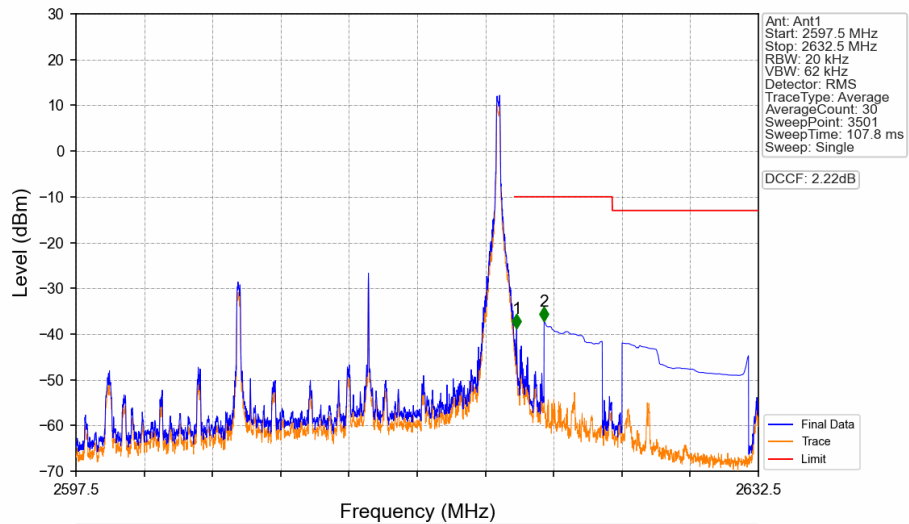
Band38 15MHz 16QAM HCH 2612.5MHz RB 1 0 NTN



Band38 15MHz 16QAM HCH 2612.5MHz RB 1 0 NTN



Band38 15MHz 16QAM HCH 2612.5MHz RB 1 74 NTN



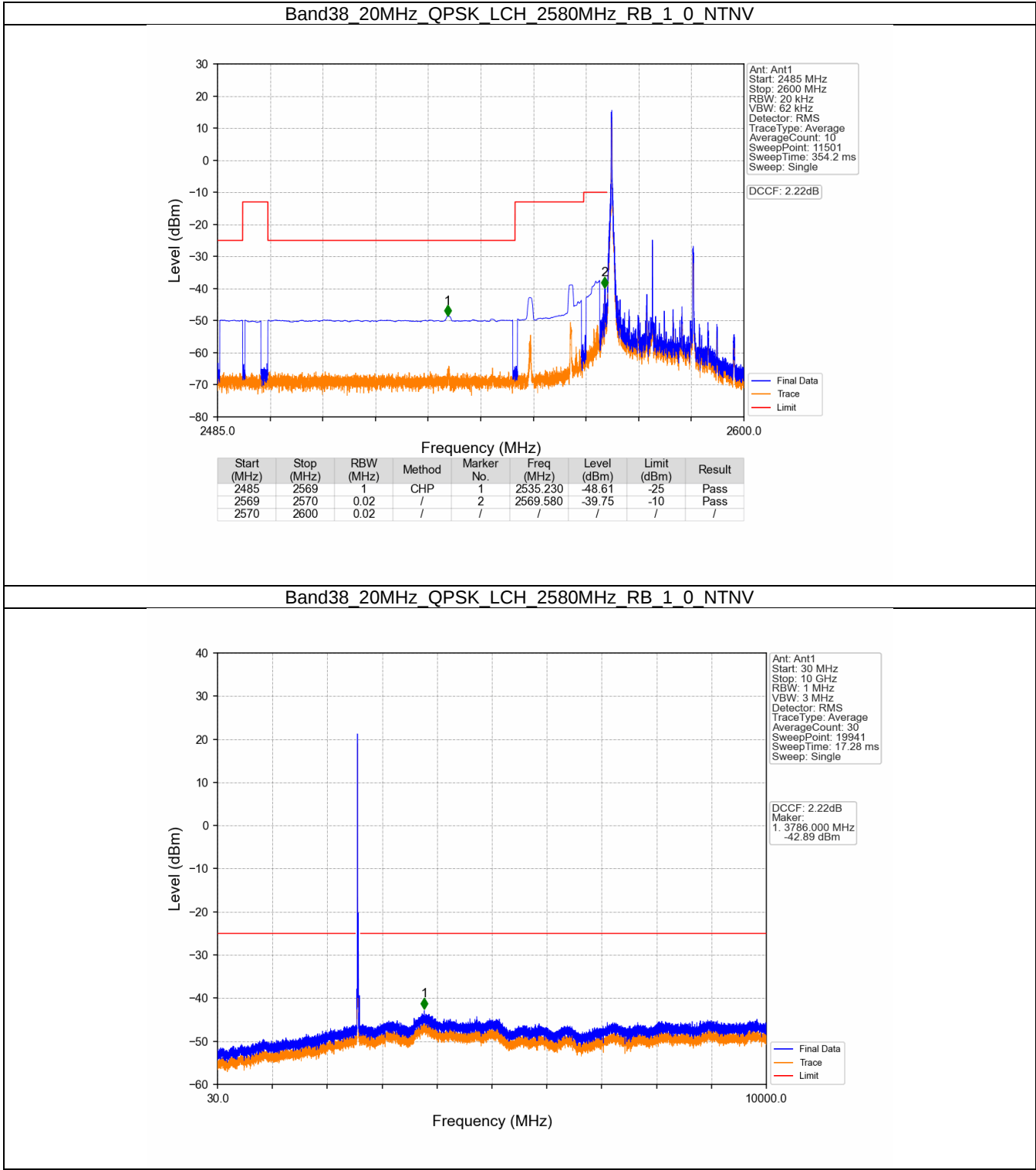
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.02	/	1	2620.100	-38.80	-10	Pass
2620	2621	0.02	/	2	2621.510	-37.21	-10	Pass
2621	2632.5	1	CHP					

2.4 B38_20MHz

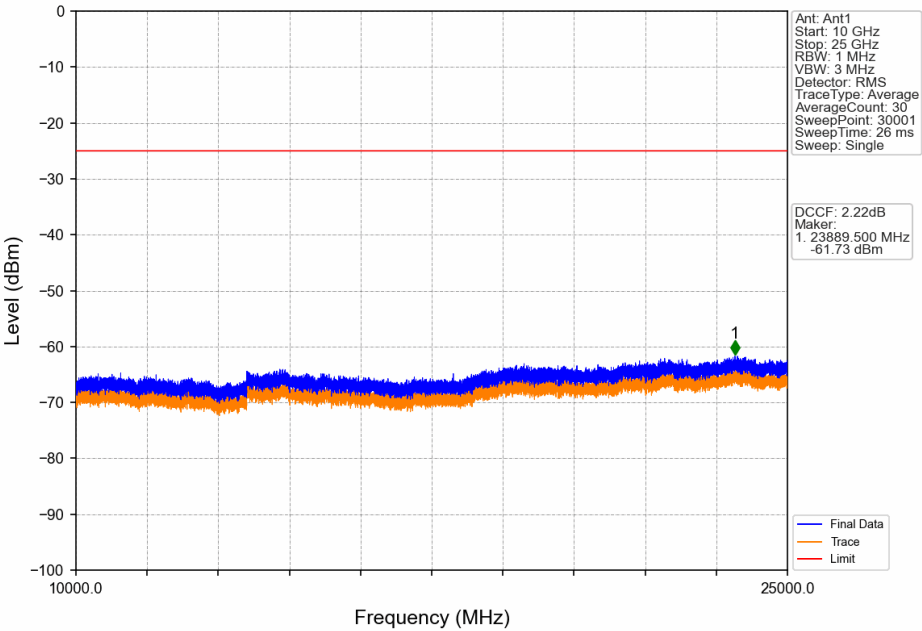
2.4.1 Test Result

Band: 38 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2580	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	2595	1	0	Refer To Test Graph	Pass
	2610	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
16QAM	2580	1	0	Refer To Test Graph	Pass
	2595	1	0	Refer To Test Graph	Pass
	2610	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass

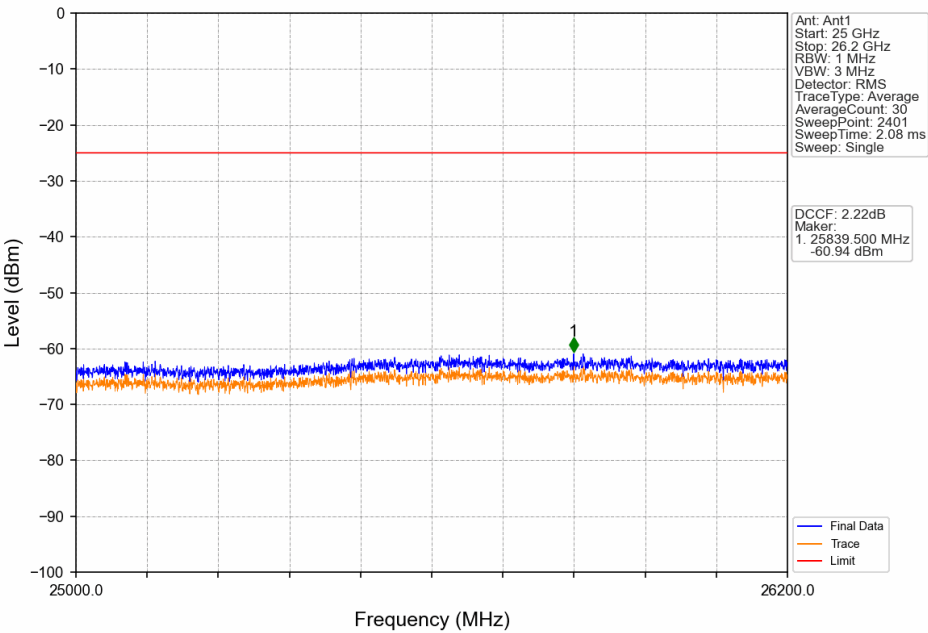
2.4.2 Test Graph



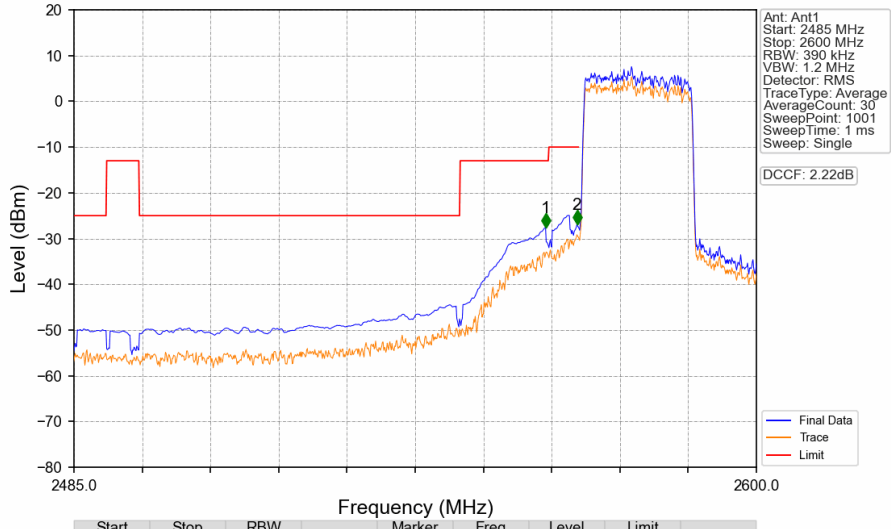
Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTN



Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTN

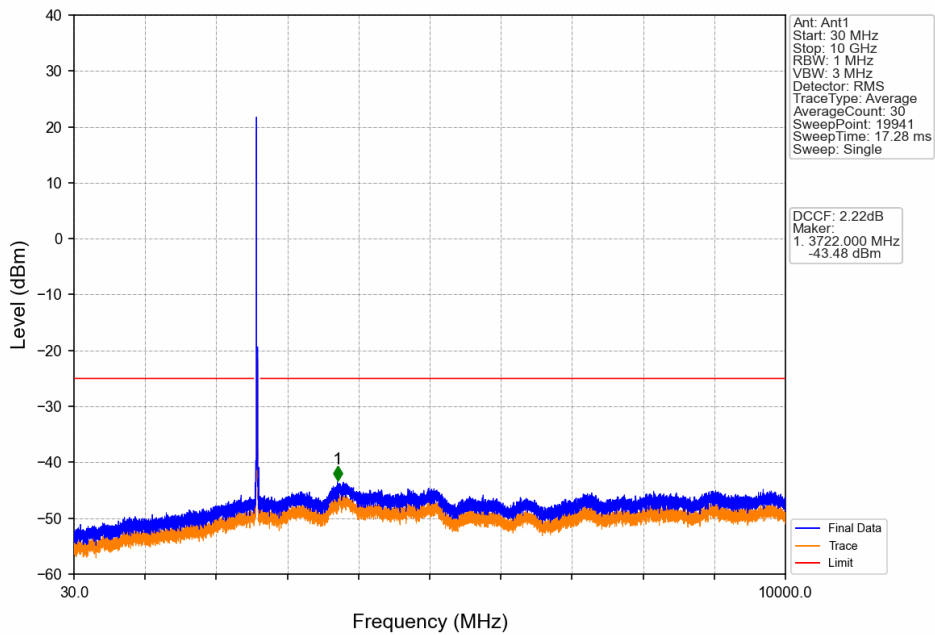


Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTNV

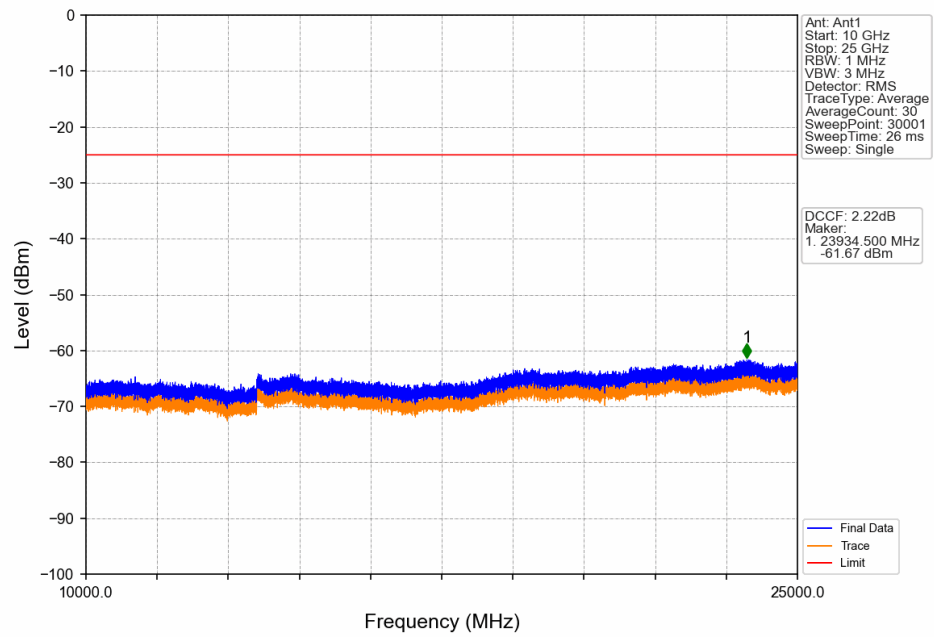


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2564.465	-27.61	-13	Pass
2569	2570	0.39	/	2	2569.755	-26.94	-10	Pass
2570	2600	0.39	/	/	/	/	/	/

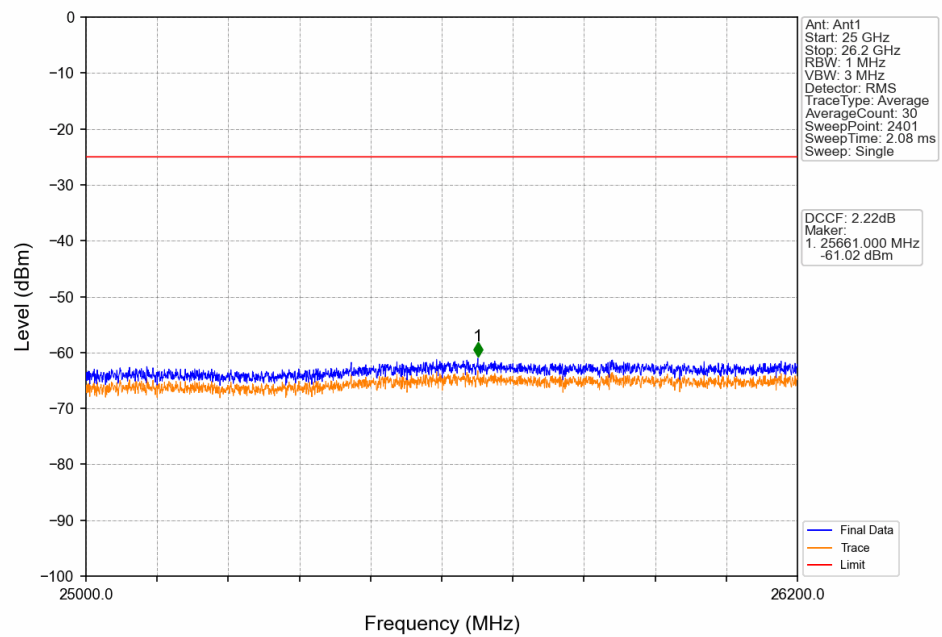
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTNV



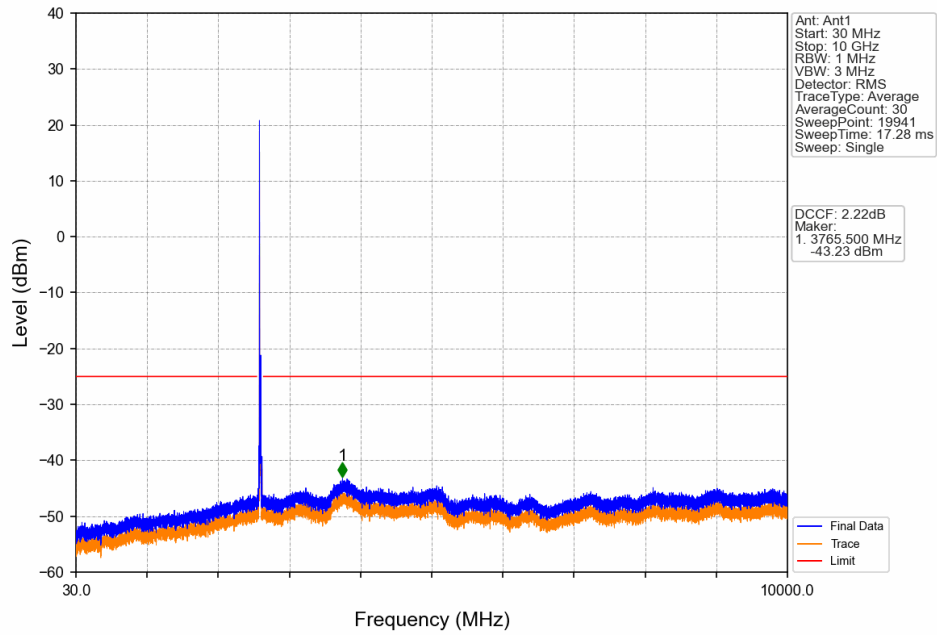
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTNV



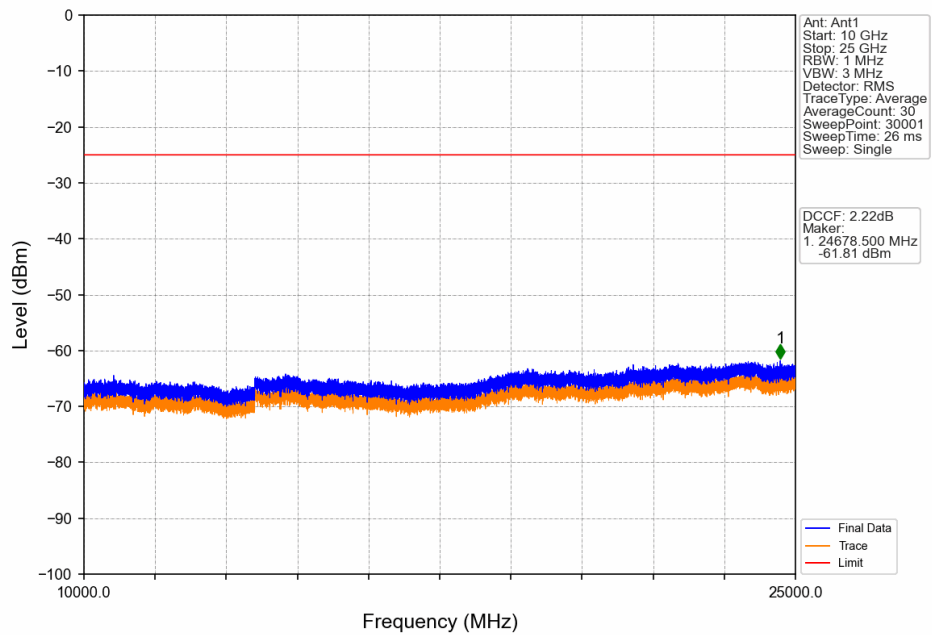
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTNV



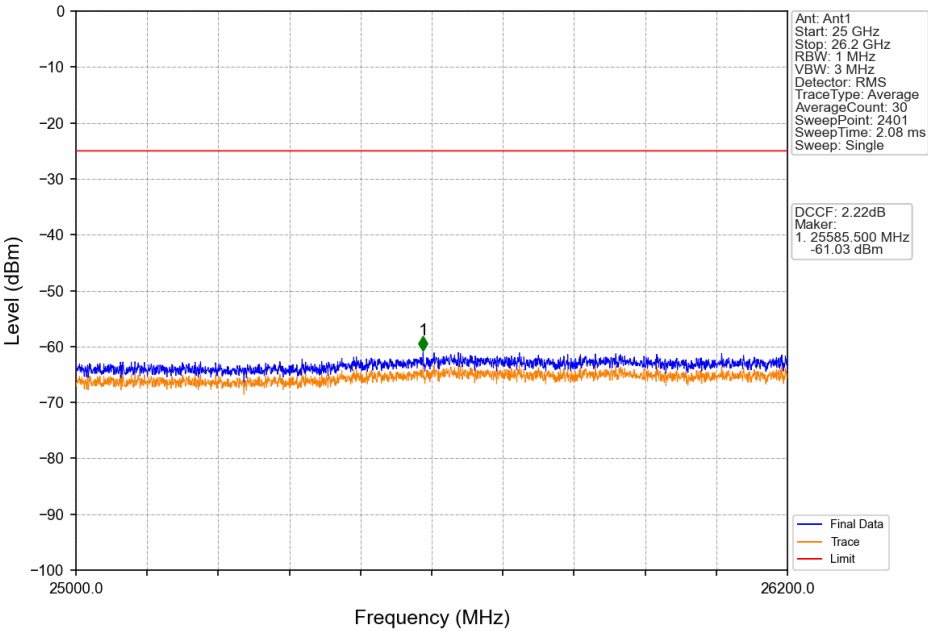
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



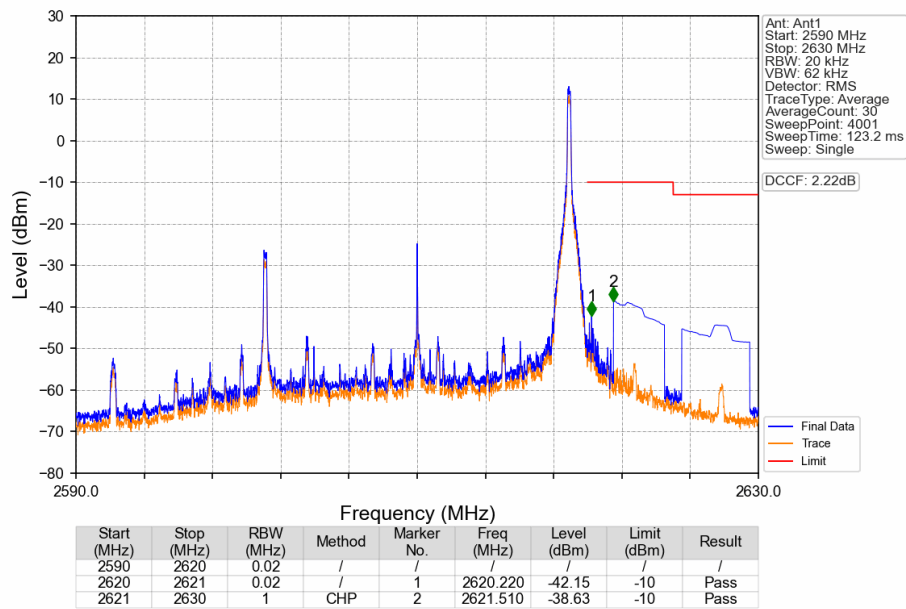
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



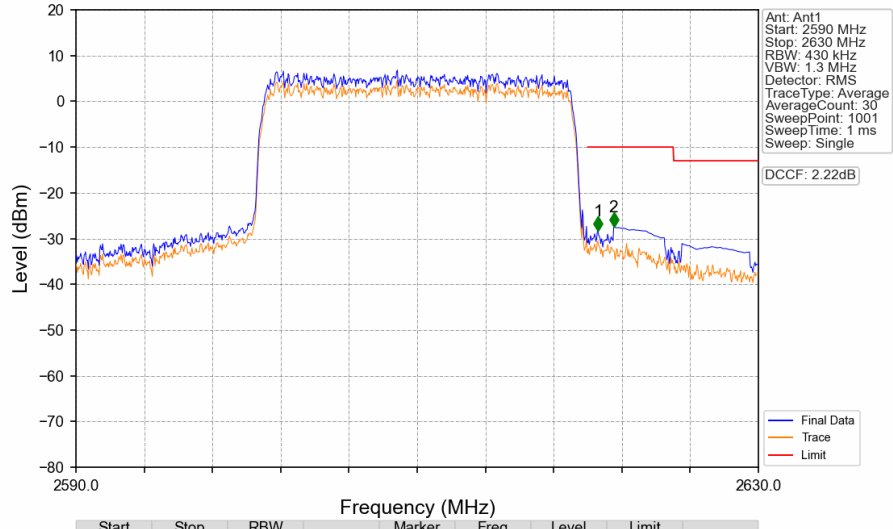
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



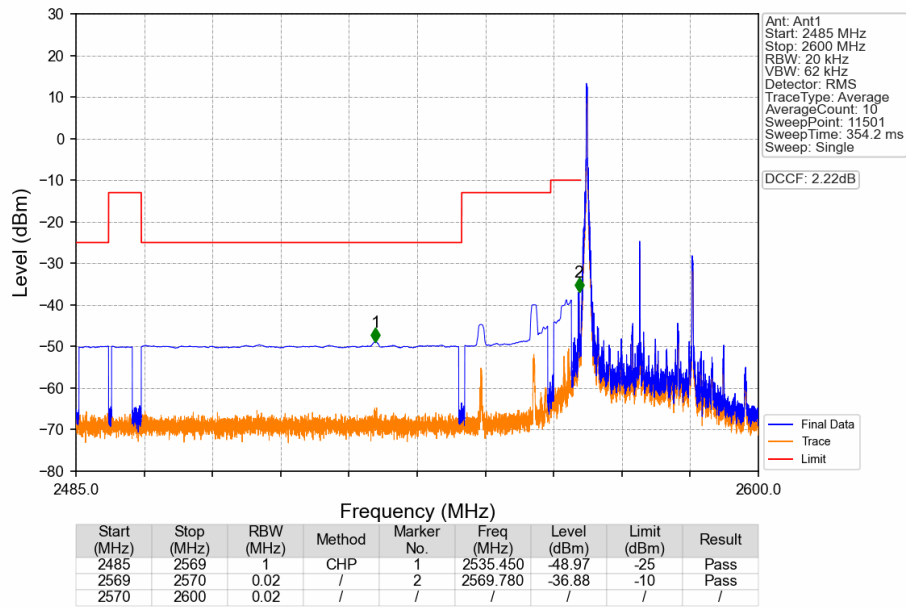
Band38 20MHz QPSK HCH 2610MHz RB 1 99 NTNV



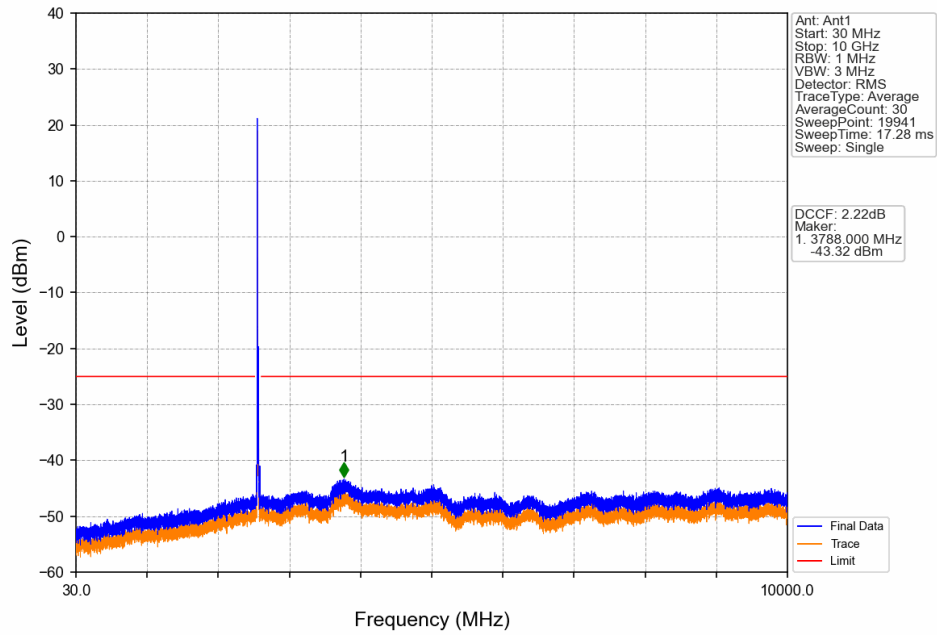
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTNV



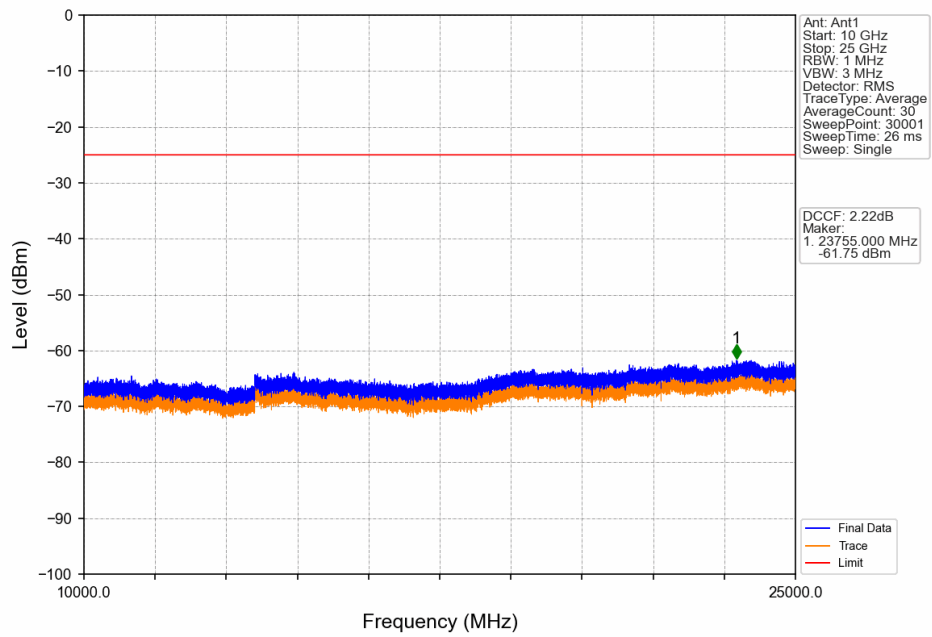
Band38 20MHz 16QAM LCH 2580MHz RB 1 0 NTNV



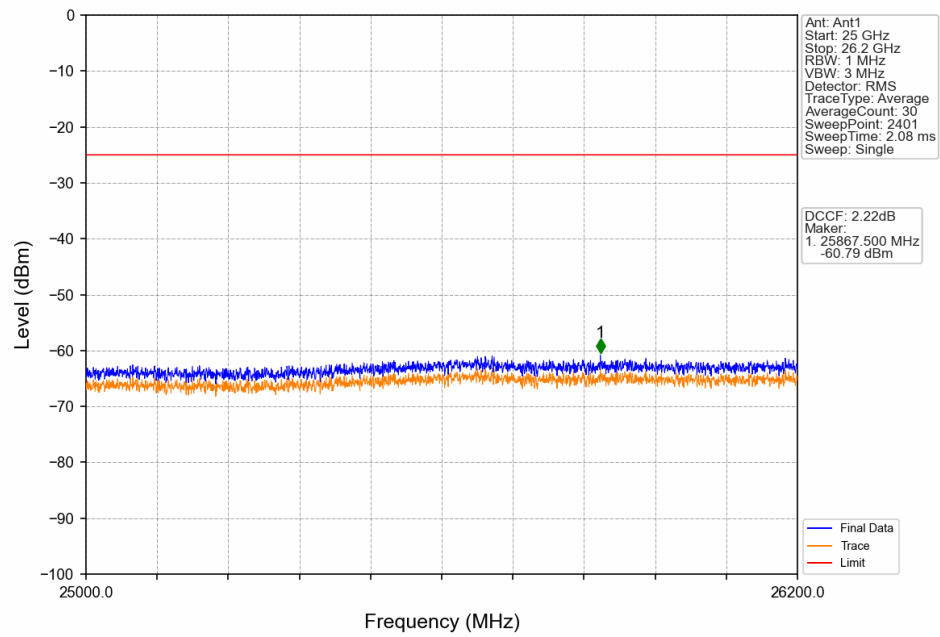
Band38 20MHz 16QAM LCH 2580MHz RB 1 0 NTNV



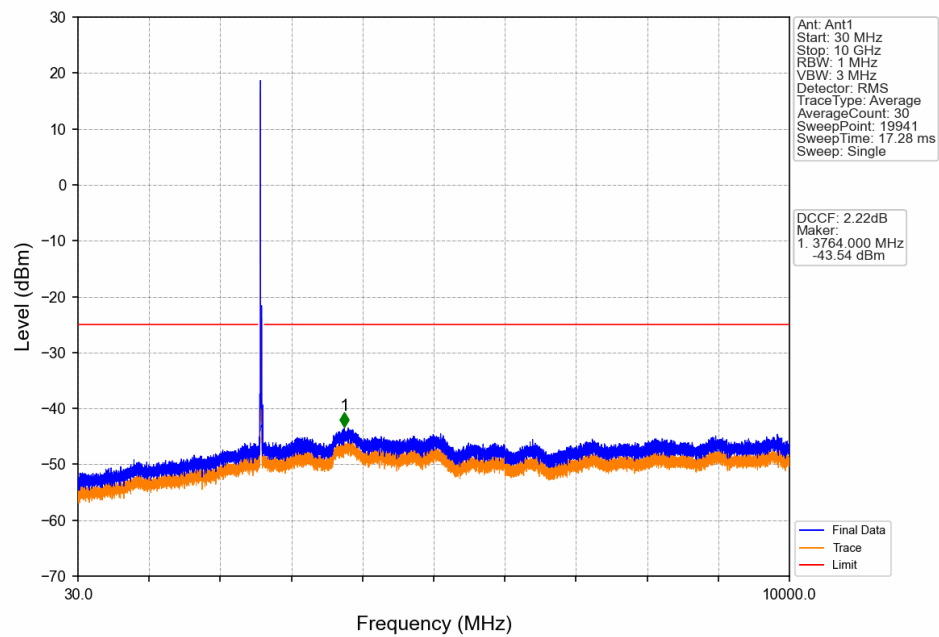
Band38 20MHz 16QAM LCH 2580MHz RB 1 0 NTNV



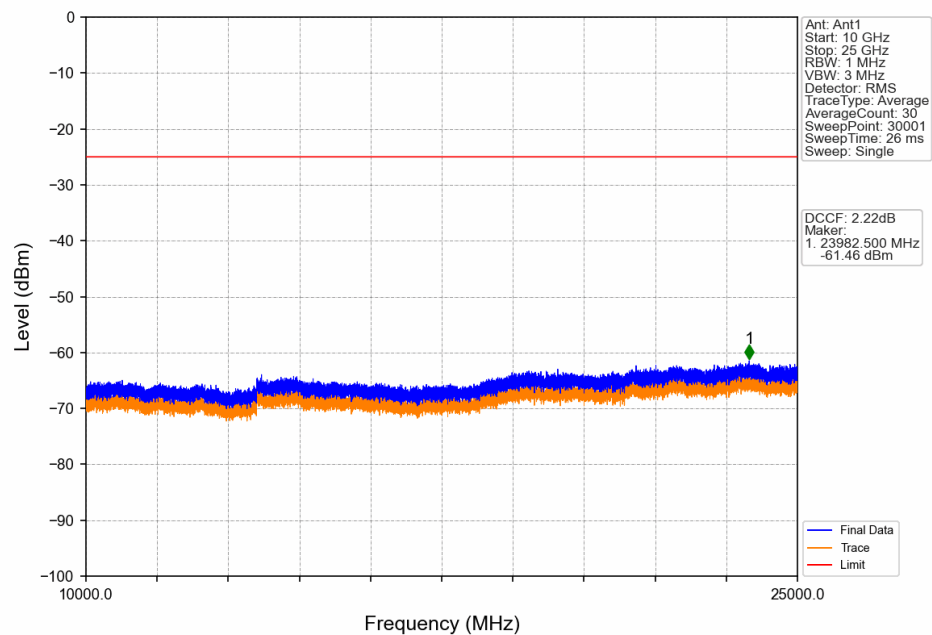
Band38 20MHz 16QAM LCH 2580MHz RB 1 0 NTNV



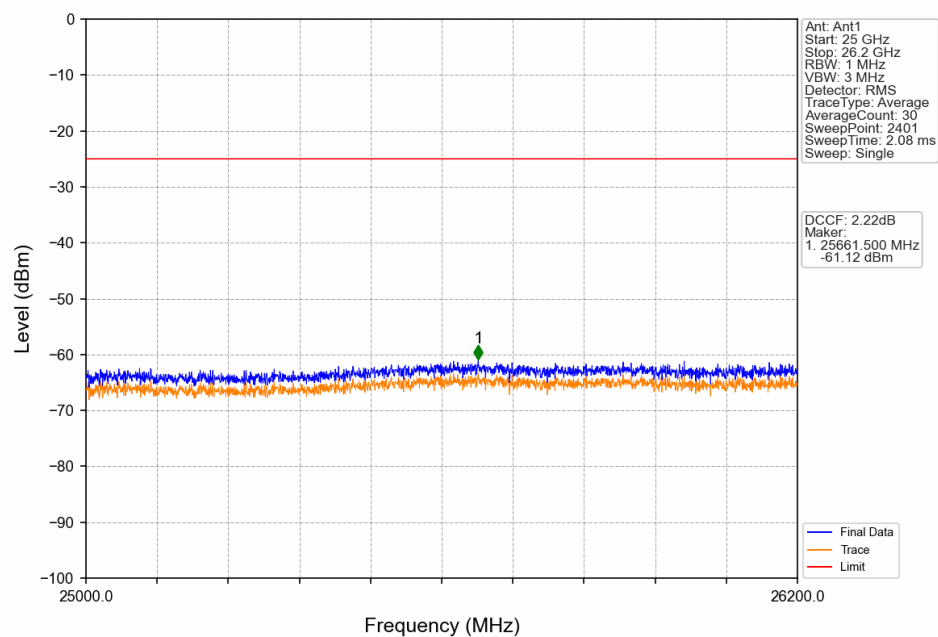
Band38 20MHz 16QAM MCH 2595MHz RB 1 0 NTNV



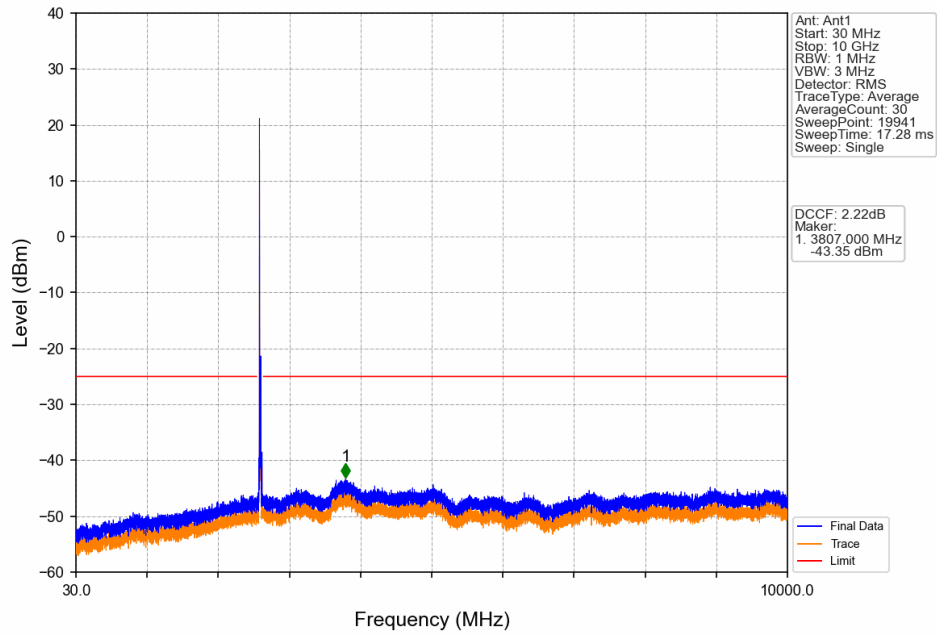
Band38 20MHz 16QAM MCH 2595MHz RB 1 0 NTNV



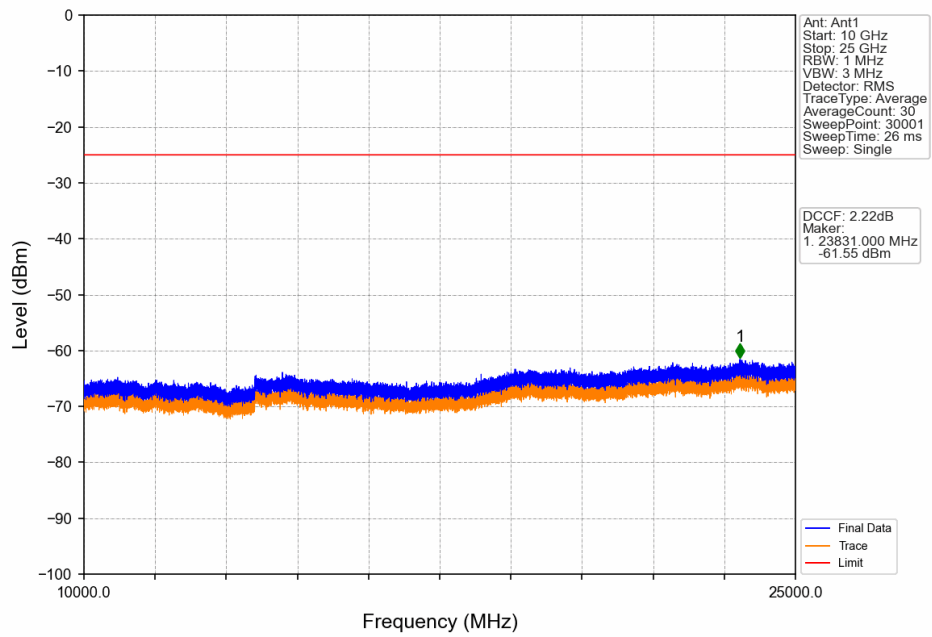
Band38 20MHz 16QAM MCH 2595MHz RB 1 0 NTNV



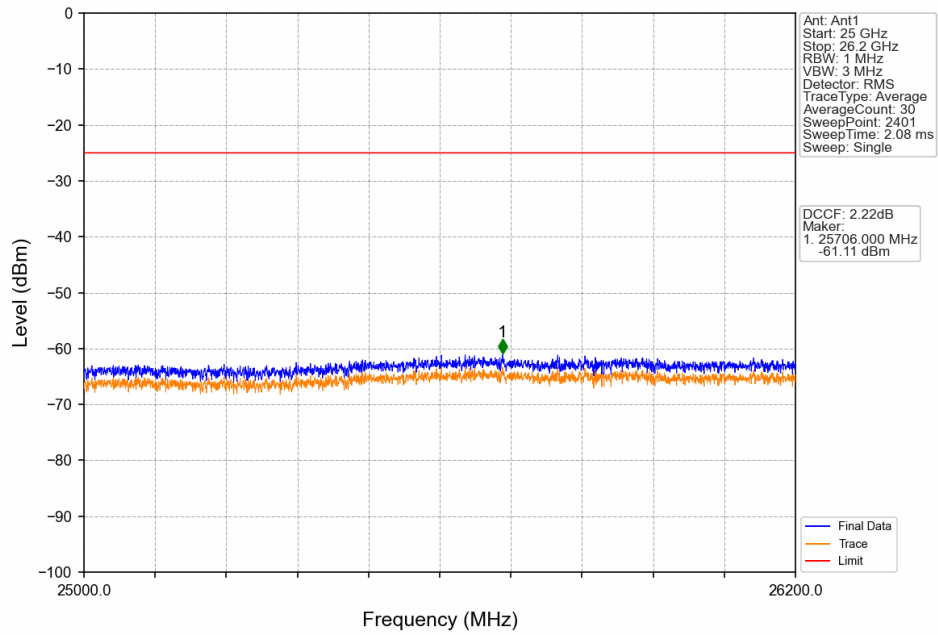
Band38 20MHz 16QAM HCH 2610MHz RB 1 0 NTV



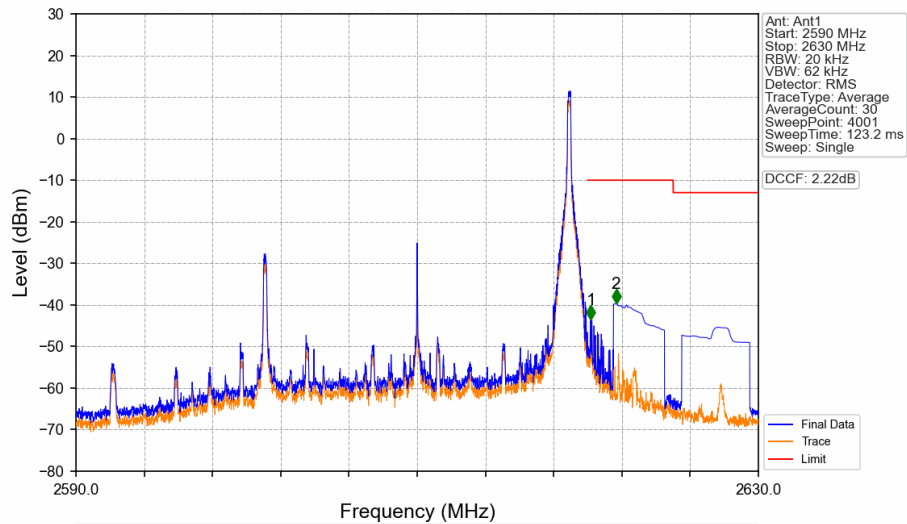
Band38 20MHz 16QAM HCH 2610MHz RB 1 0 NTV



Band38 20MHz 16QAM HCH 2610MHz RB 1 0 NTNV



Band38 20MHz 16QAM HCH 2610MHz RB 1 99 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.02	/	1	2620.170	-43.60	-10	Pass
2621	2630	1	CHP	2	2621.660	-39.71	-10	Pass

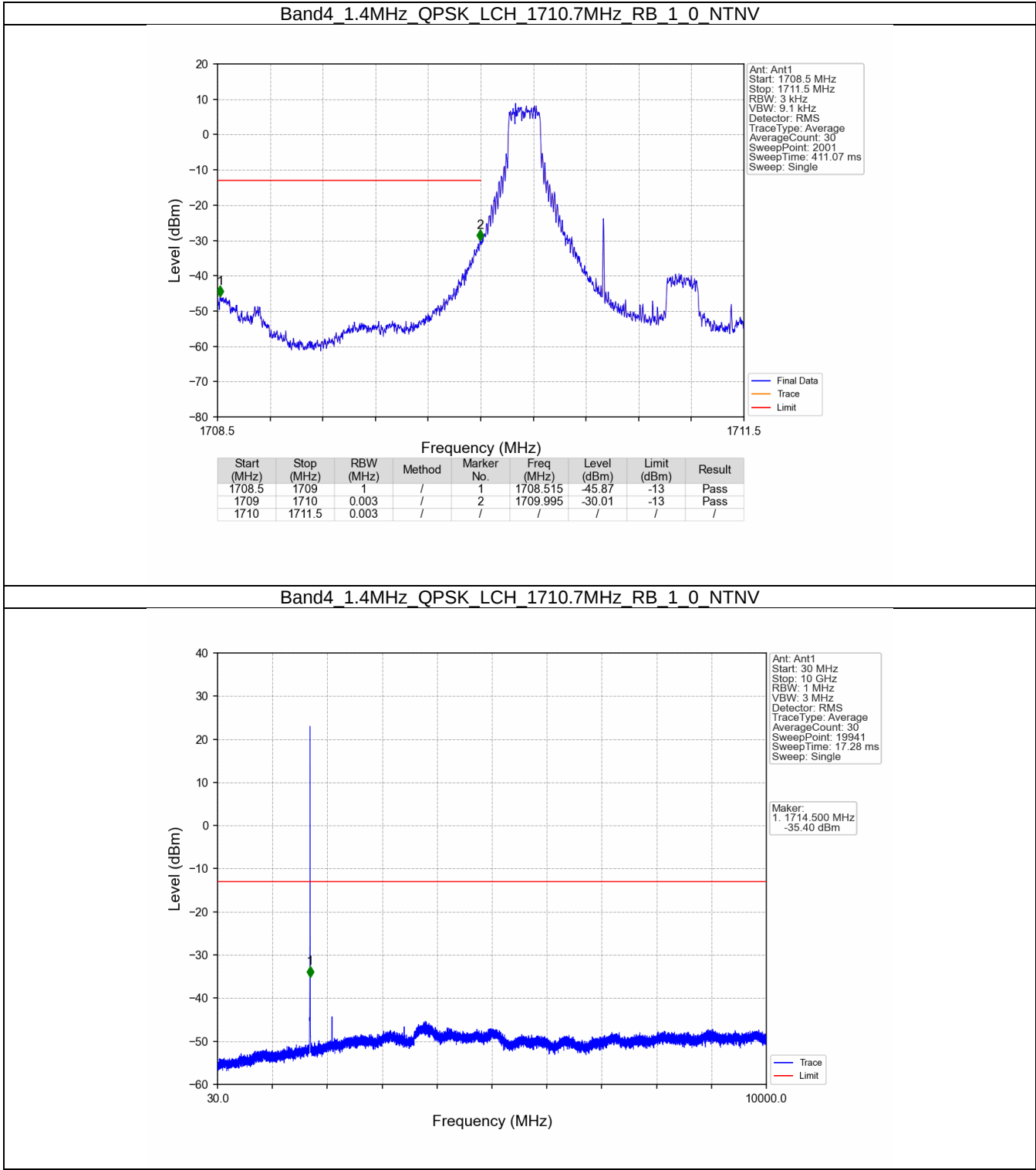
3. Spurious Emission

3.1 B4_1.4MHz

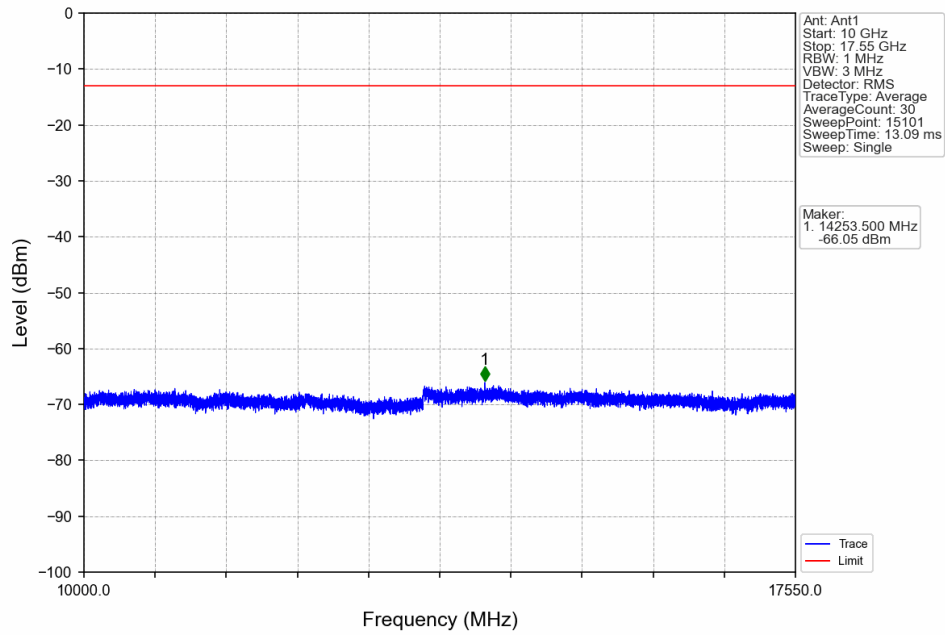
3.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

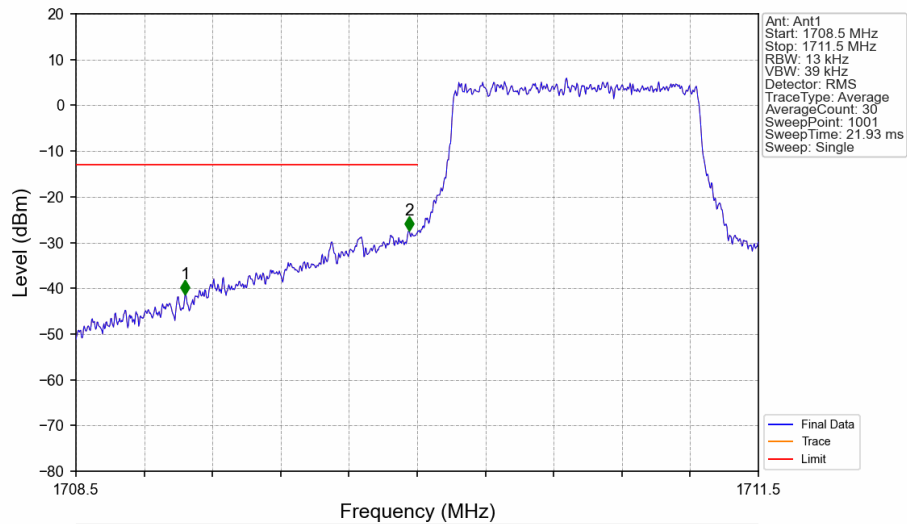
3.1.2 Test Graph



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

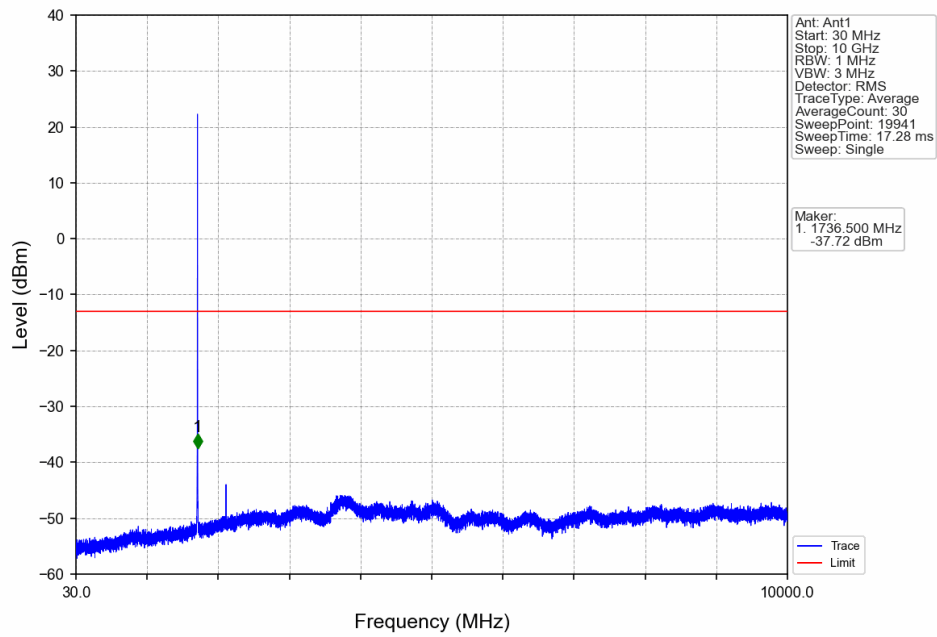


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

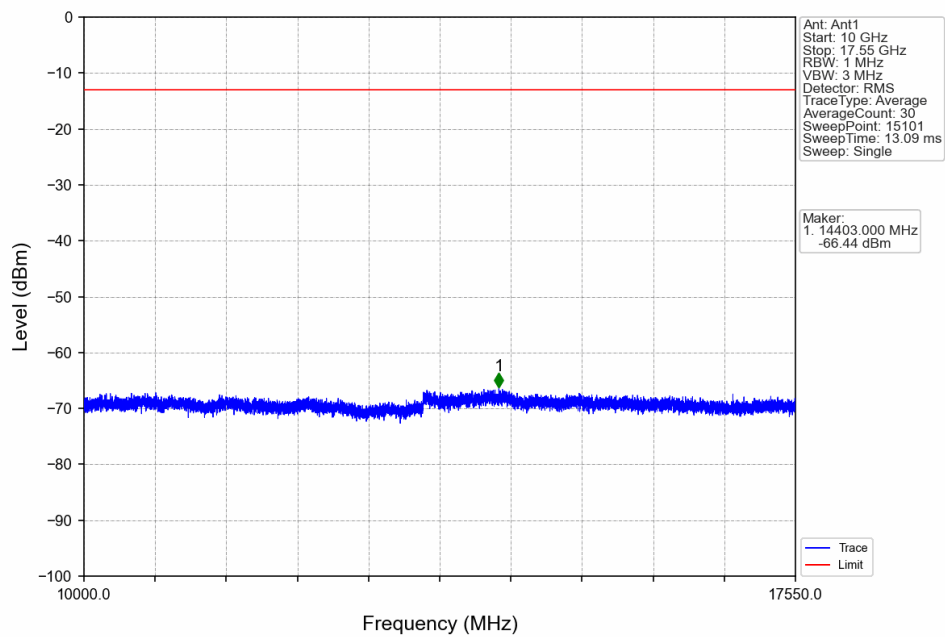


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.980	-41.31	-13	Pass
1709	1710	0.013	/	2	1709.964	-27.38	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

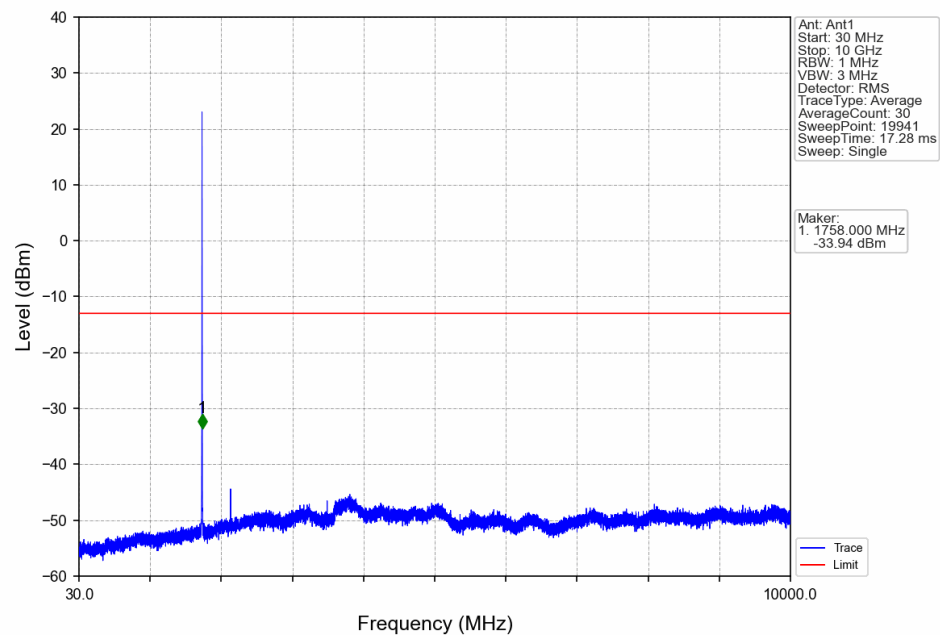
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



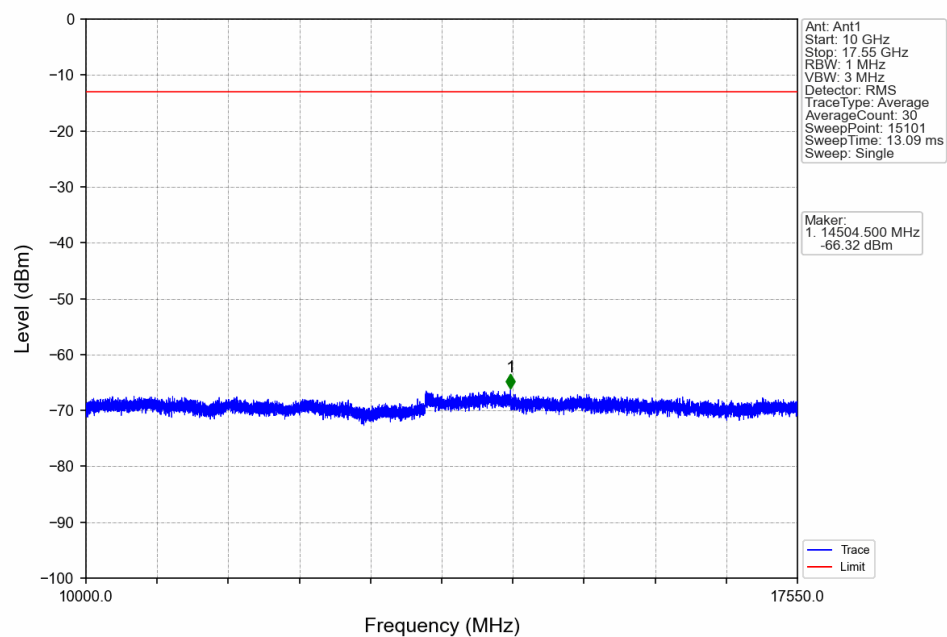
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



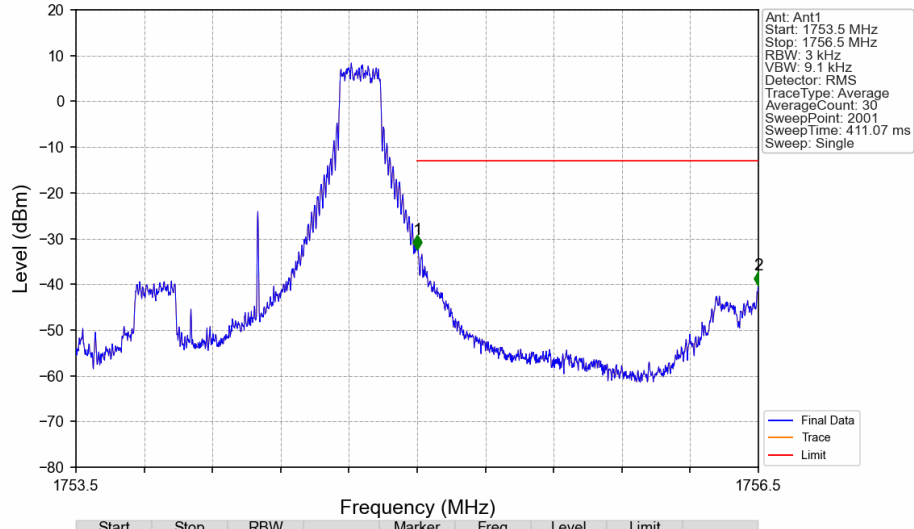
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



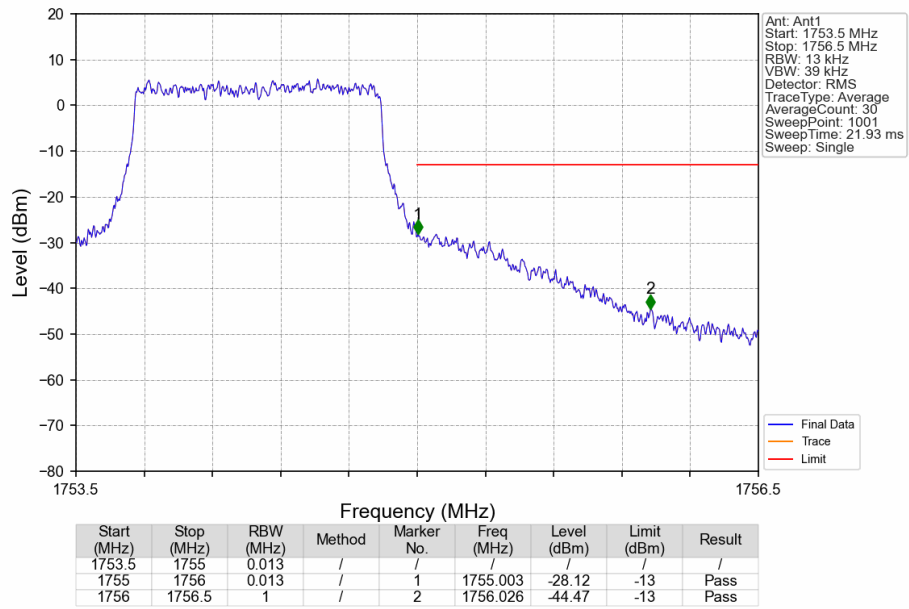
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



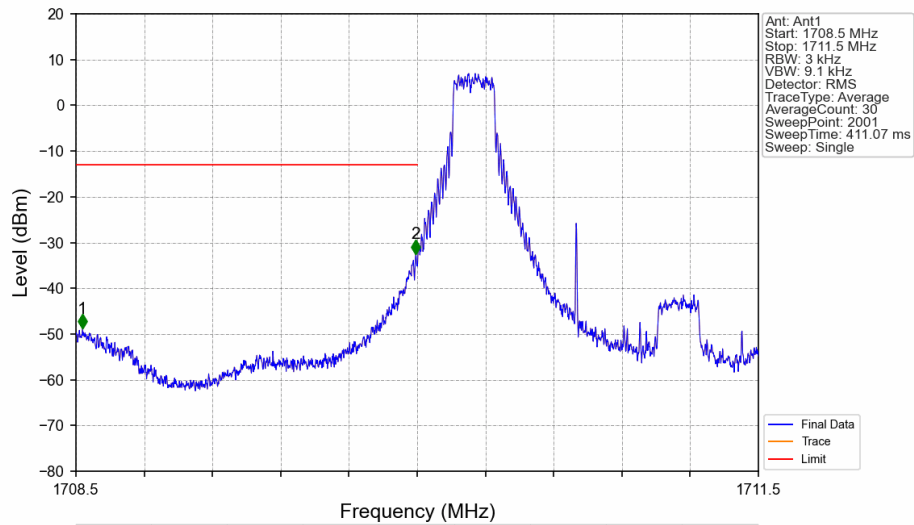
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTV



Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV

