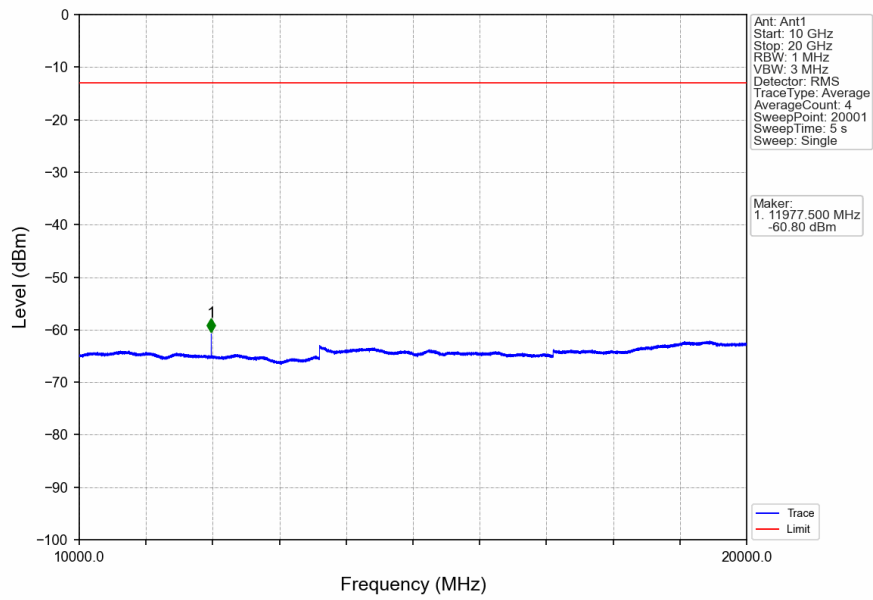
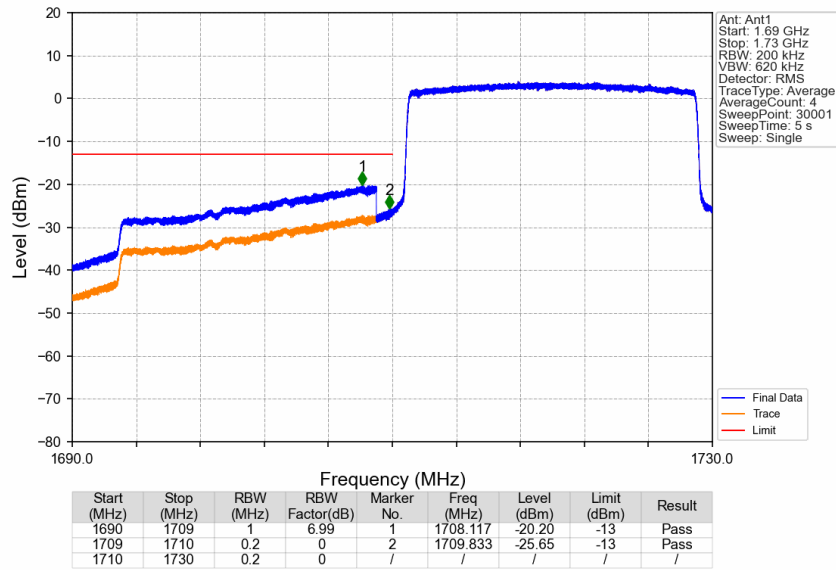


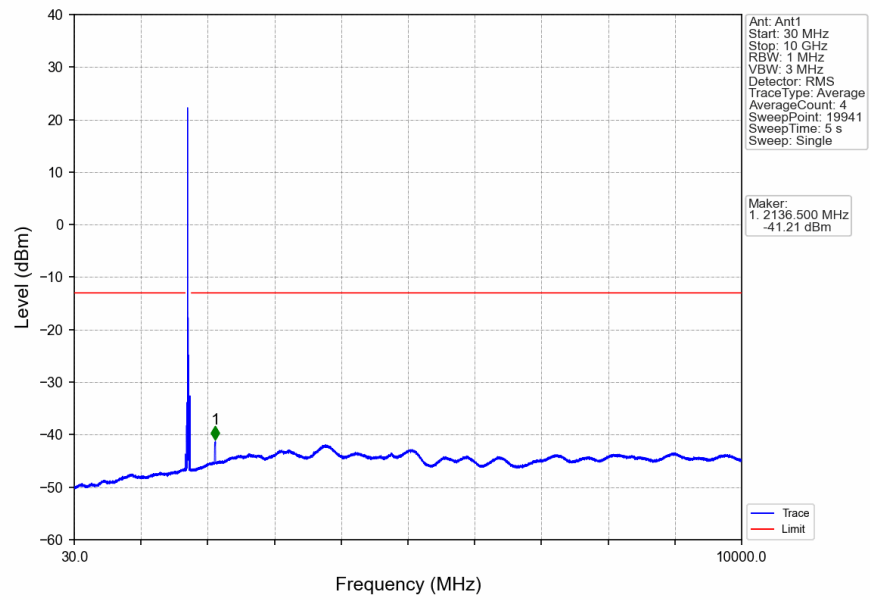
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



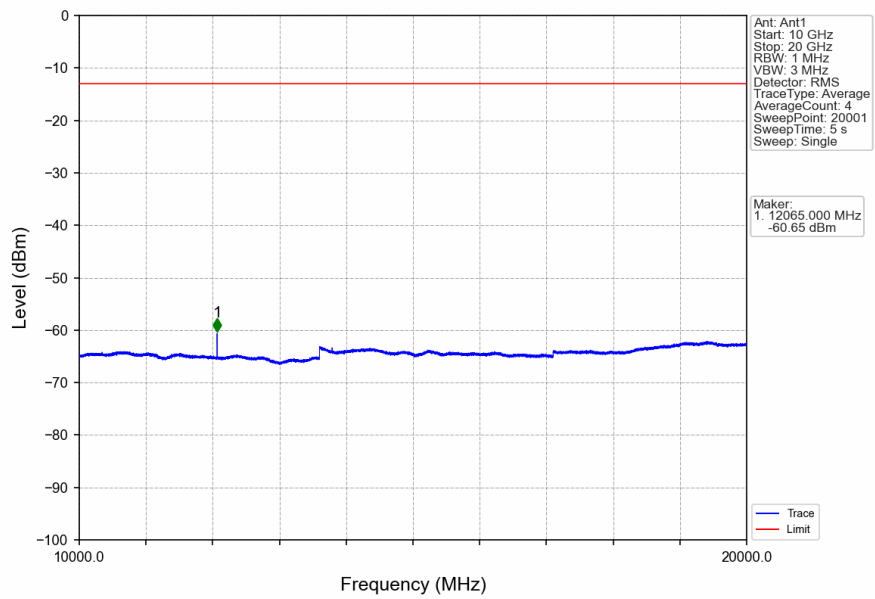
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



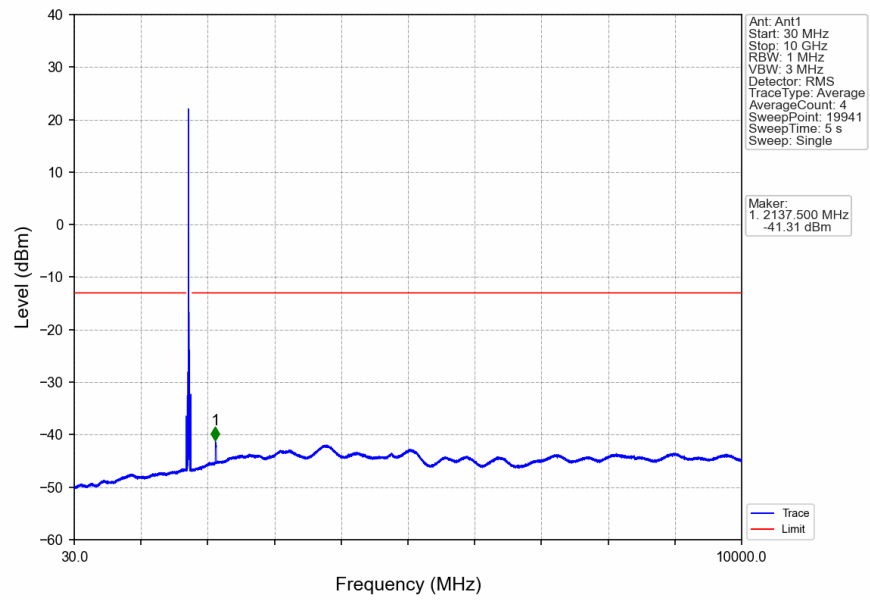
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



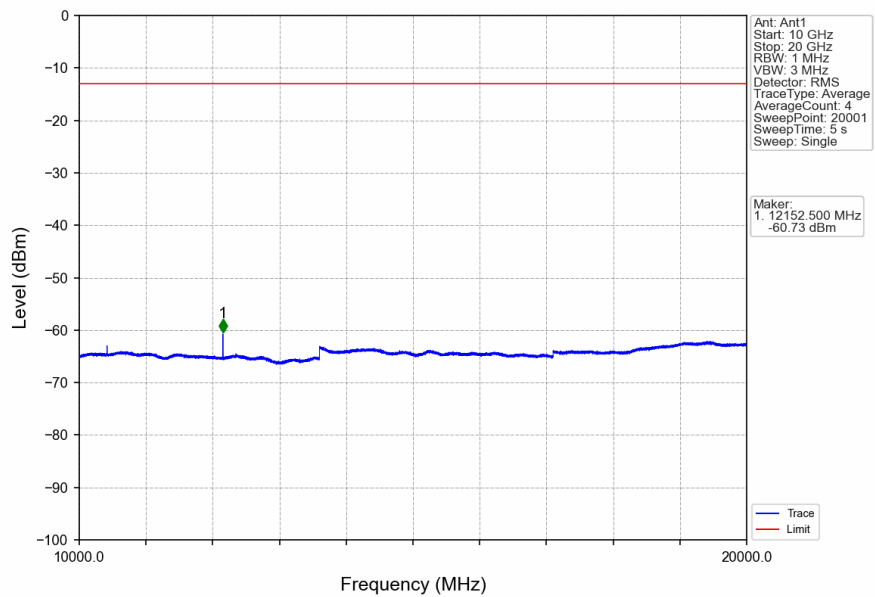
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



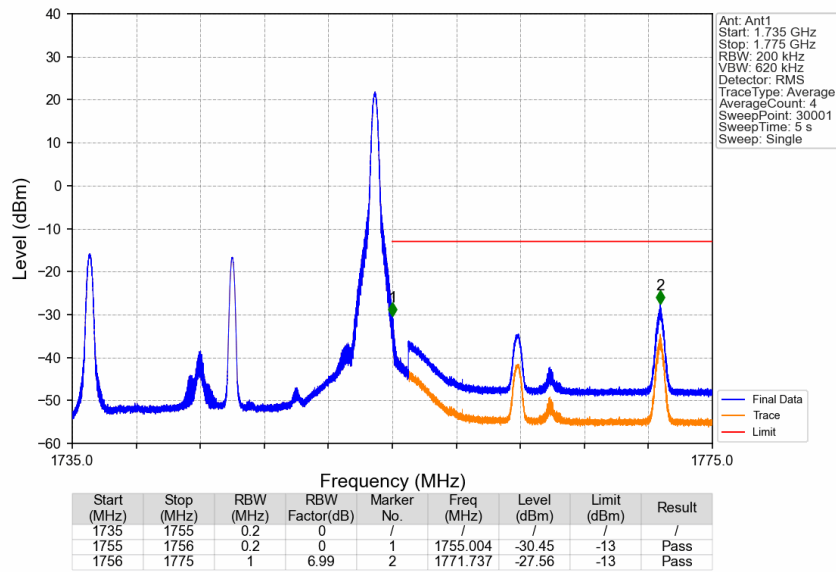
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



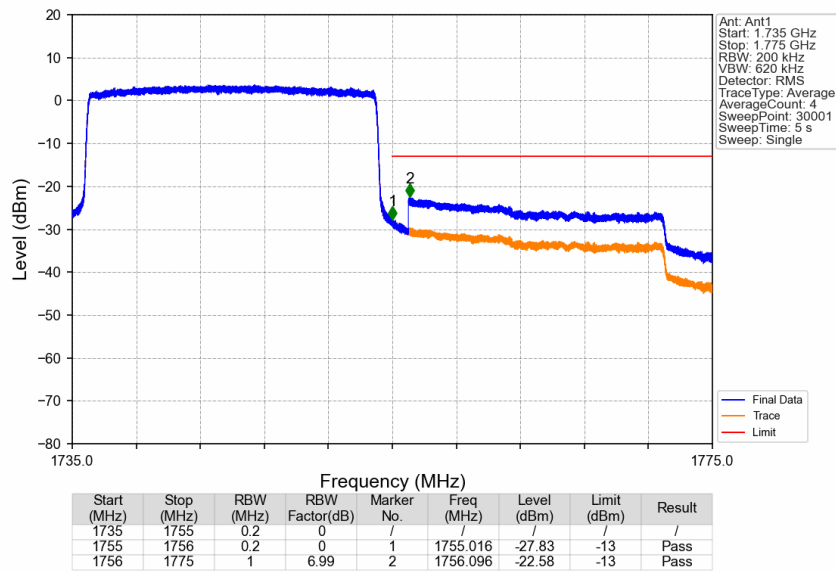
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



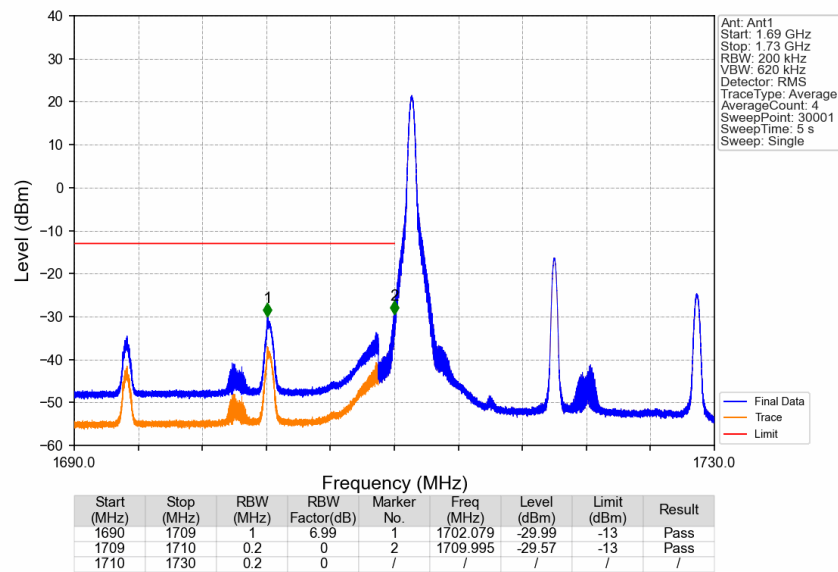
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



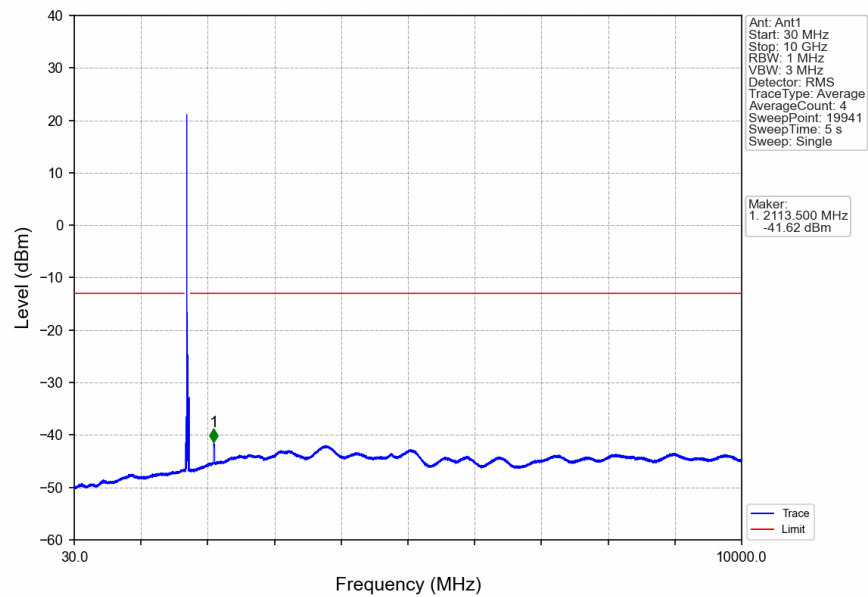
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



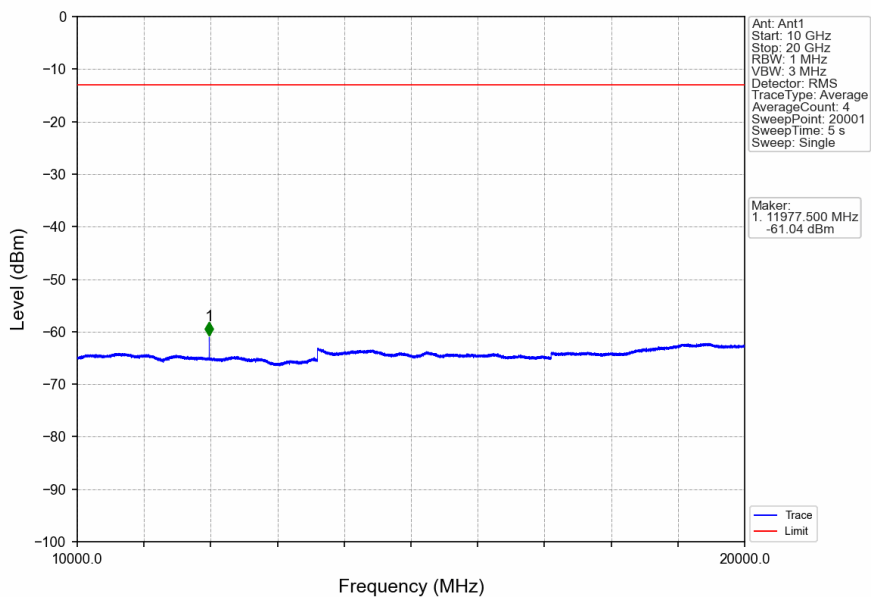
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



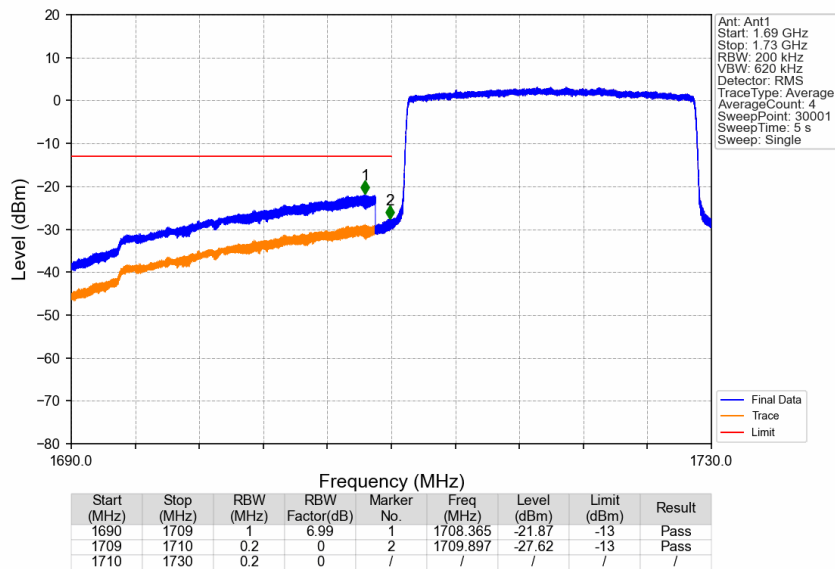
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



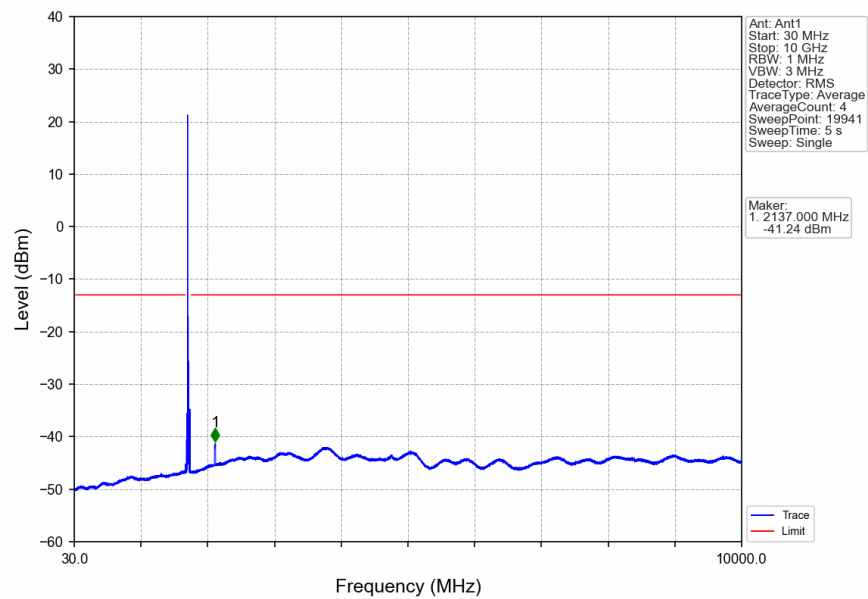
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



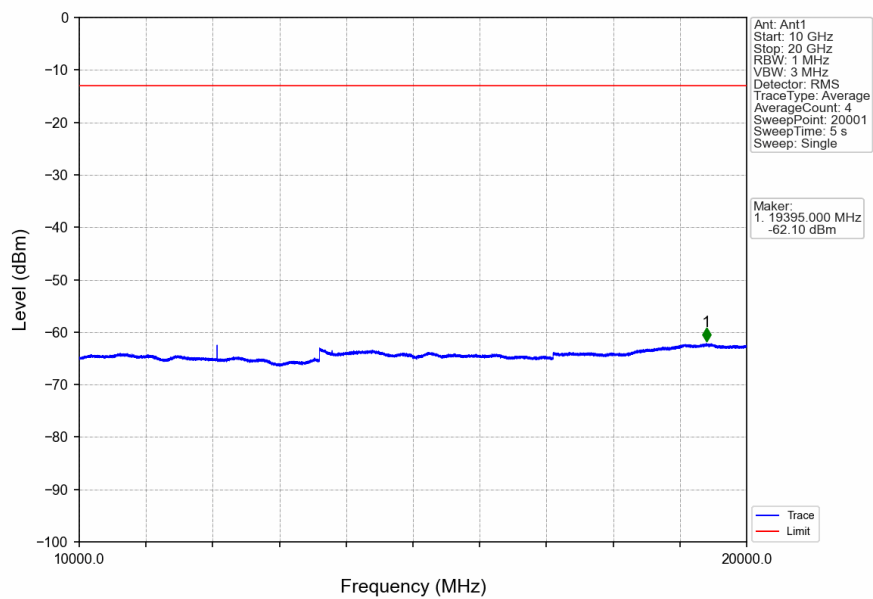
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



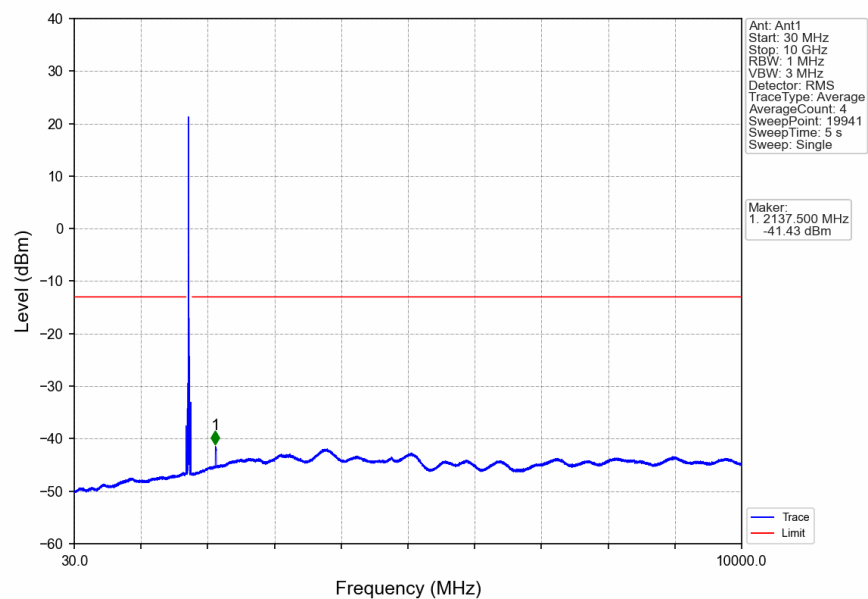
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



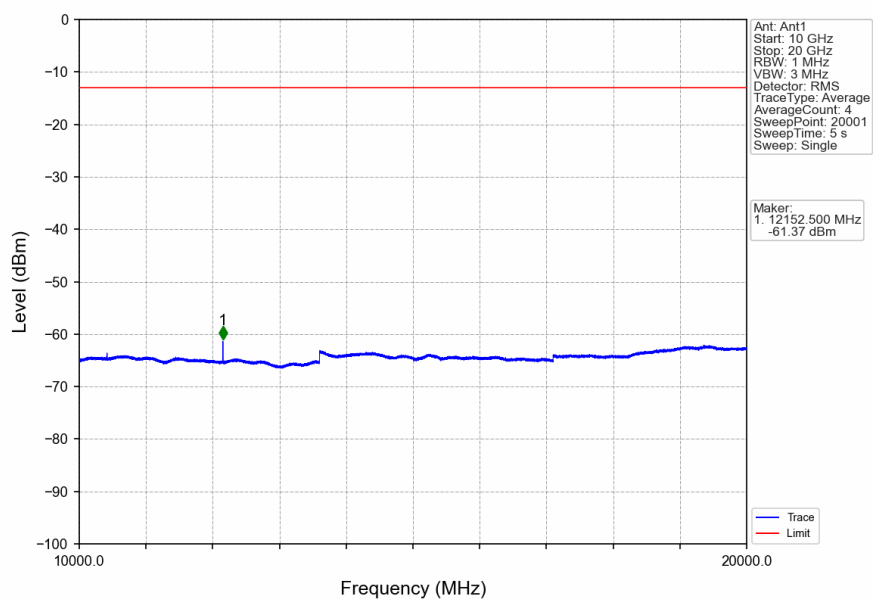
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



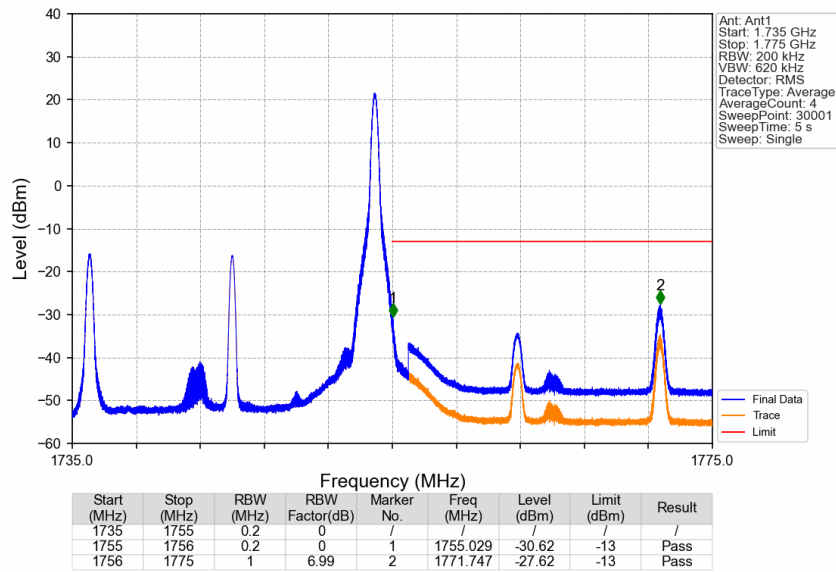
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



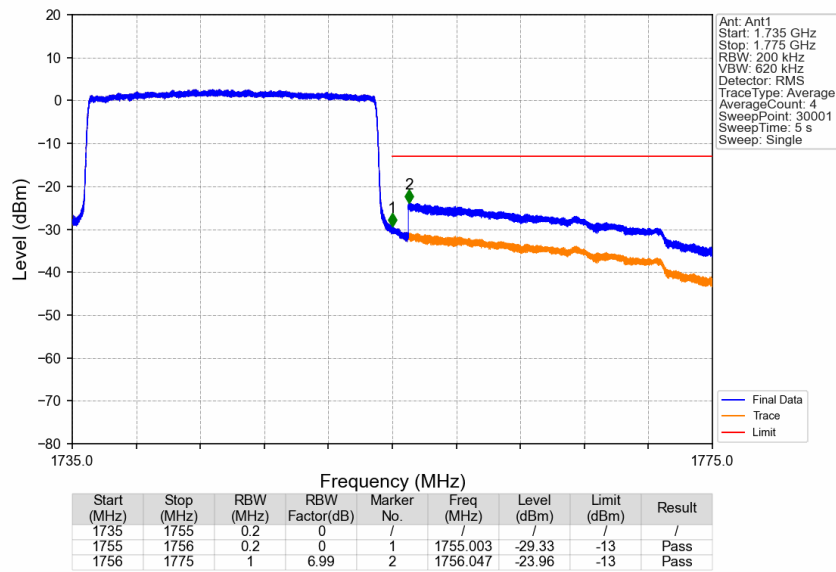
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



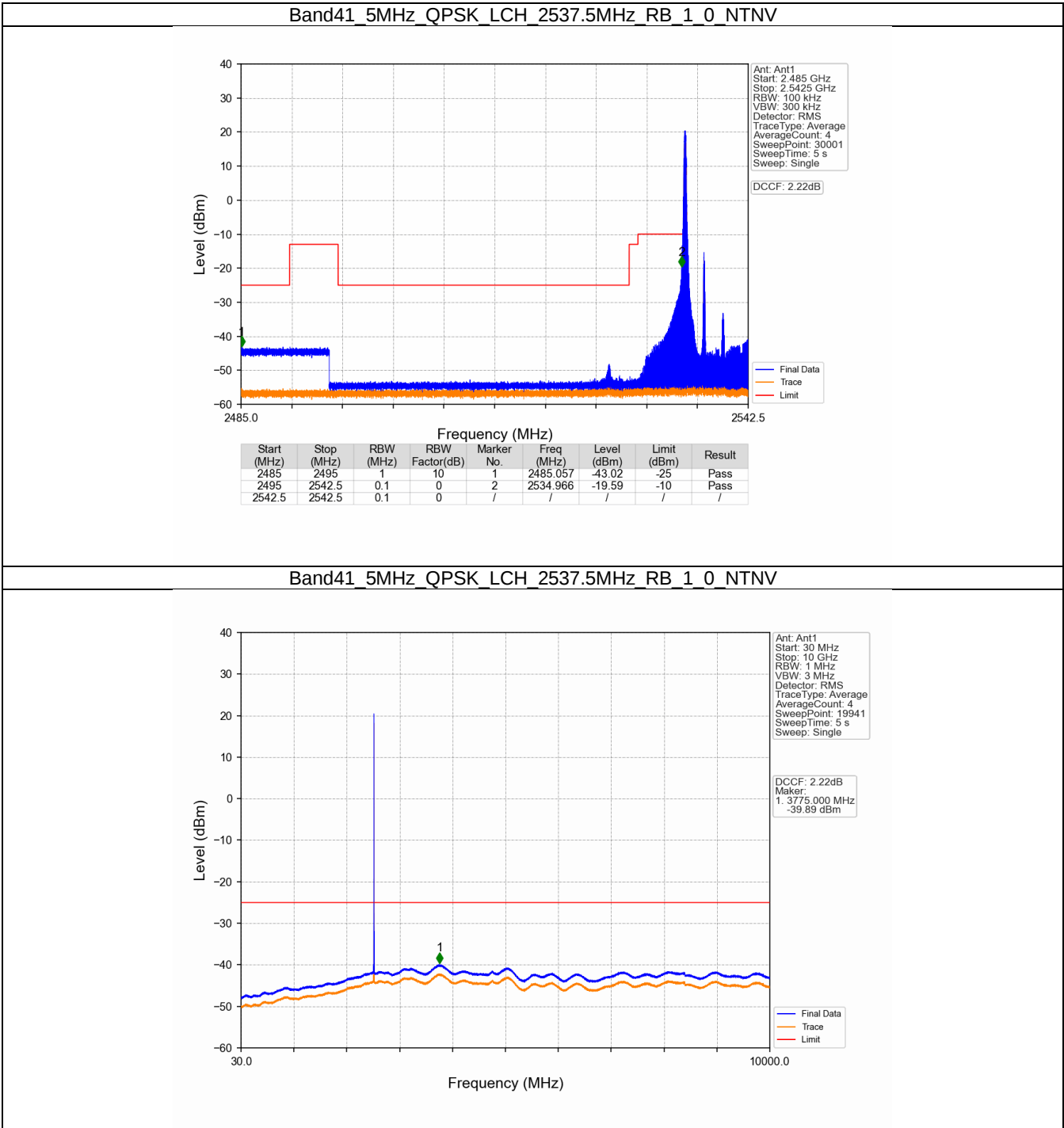
10. Spurious Emission

10.1 B41_5MHz

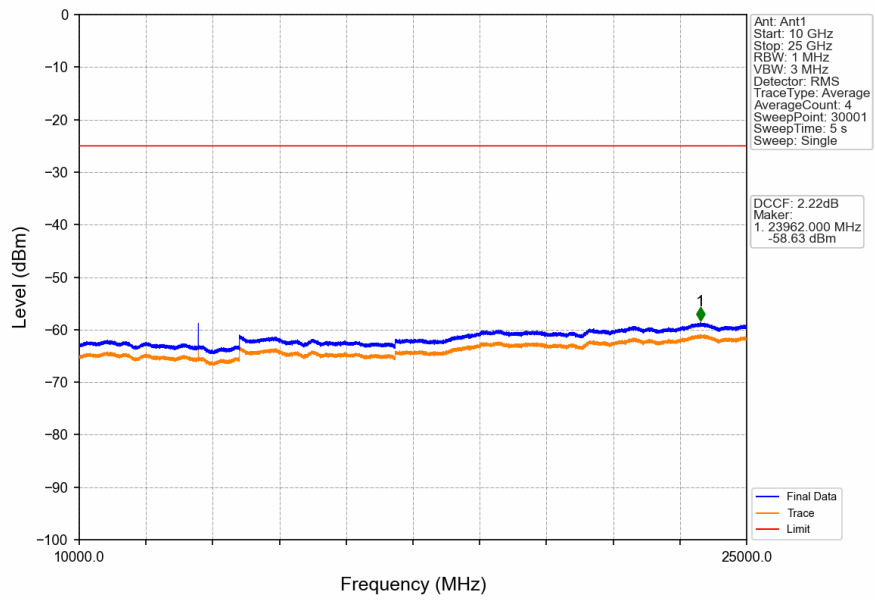
10.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2537.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2652.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2537.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2652.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

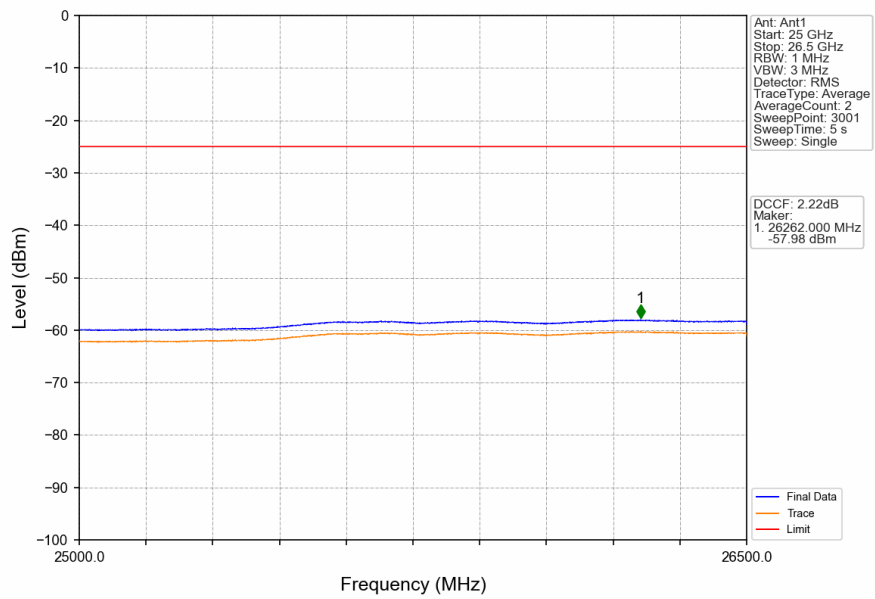
10.1.2 Test Graph



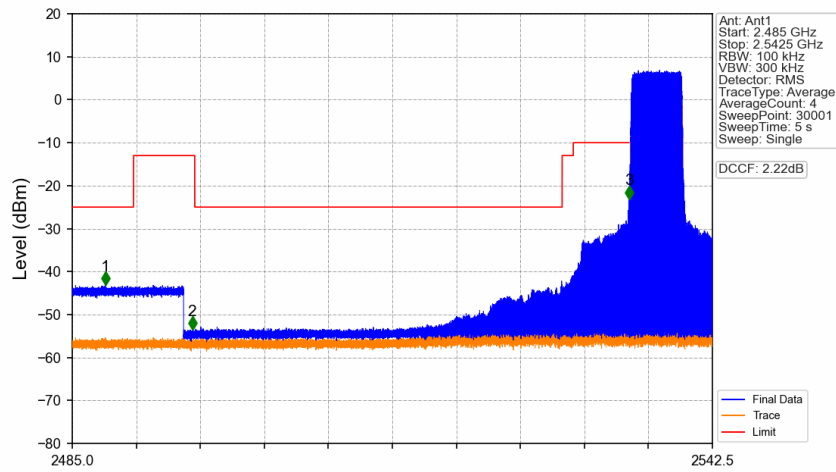
Band41_5MHz_QPSK_LCH_2537.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2537.5MHz_RB_1_0_NTNV

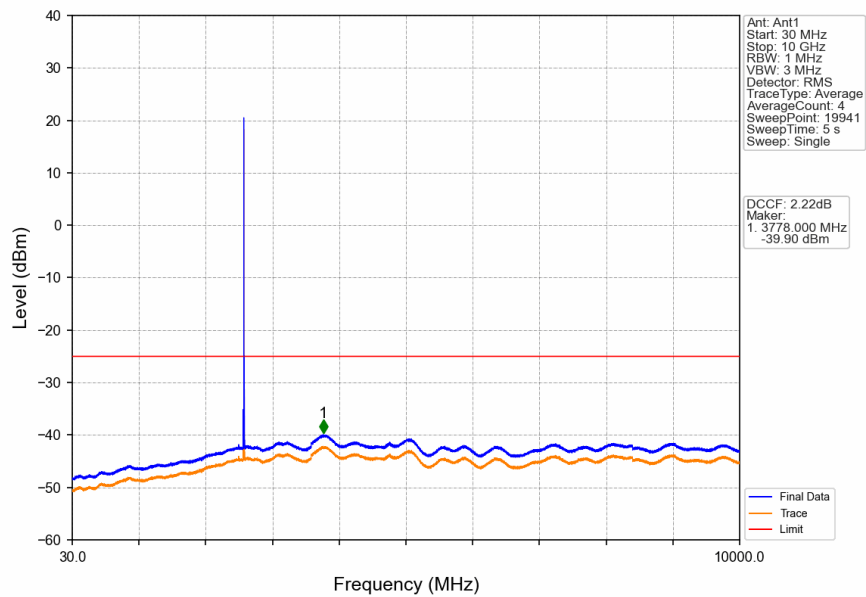


Band41_5MHz_QPSK_LCH_2537.5MHz_RB_25_0_NTNV

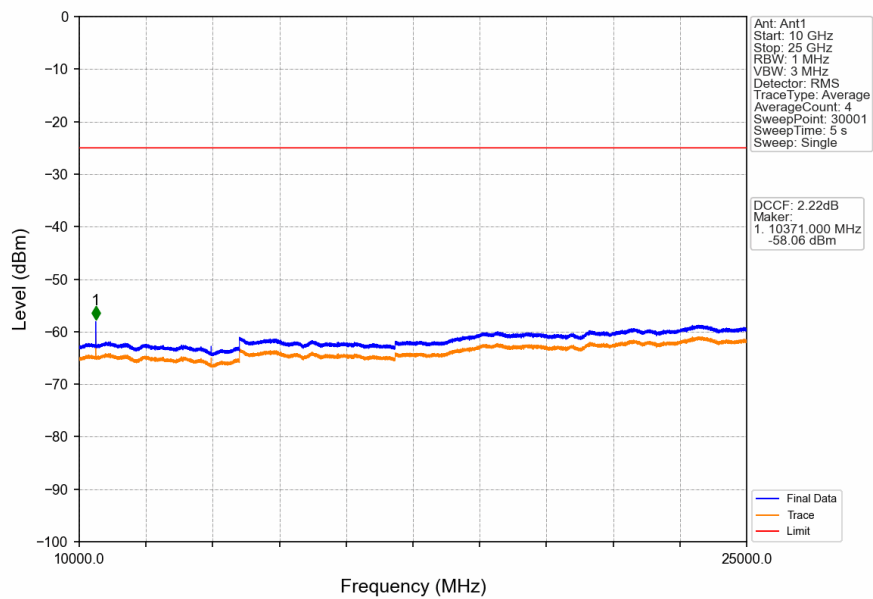


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	10	1	2487.982	-43.17	-25	Pass
2495	2496	0.1	0	2	2495.779	-53.49	-13	Pass
2496	2542.5	0.101	0.04	3	2534.992	-23.13	-10	Pass
2542.5	2542.5	0.101	0.04	/	/	/	/	/

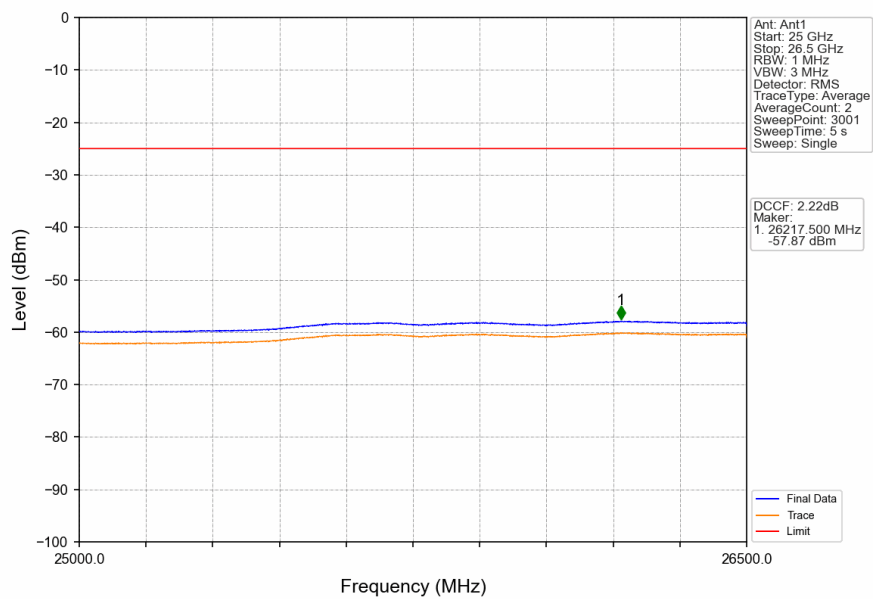
Band41_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



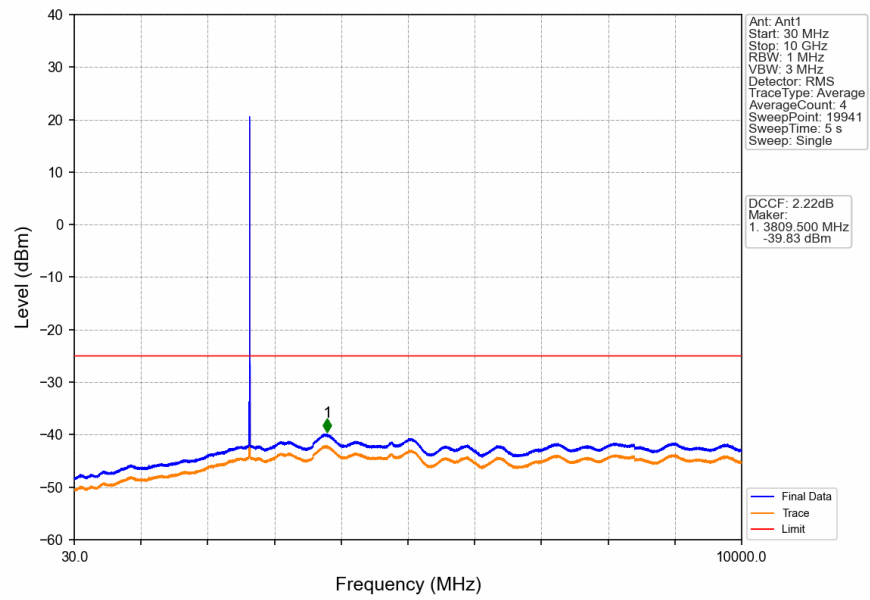
Band41_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



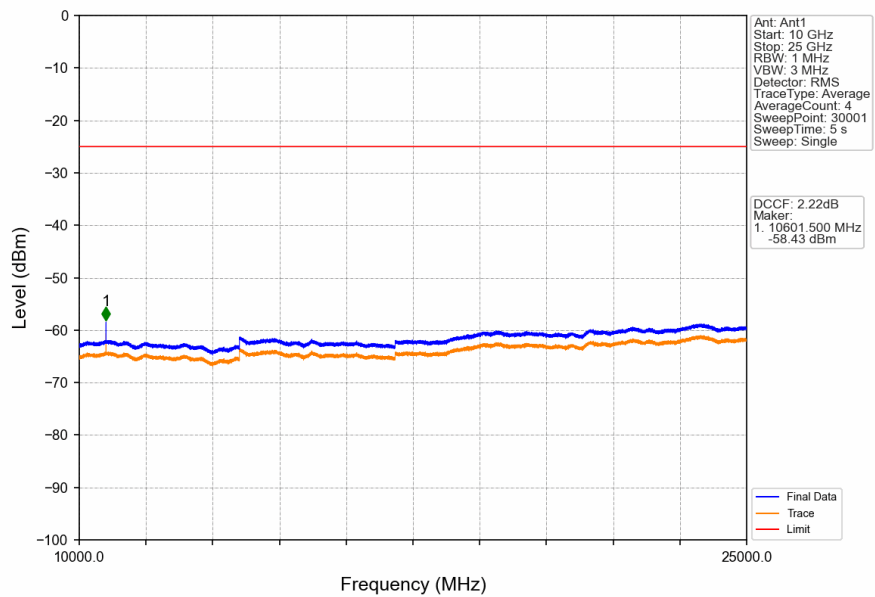
Band41_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



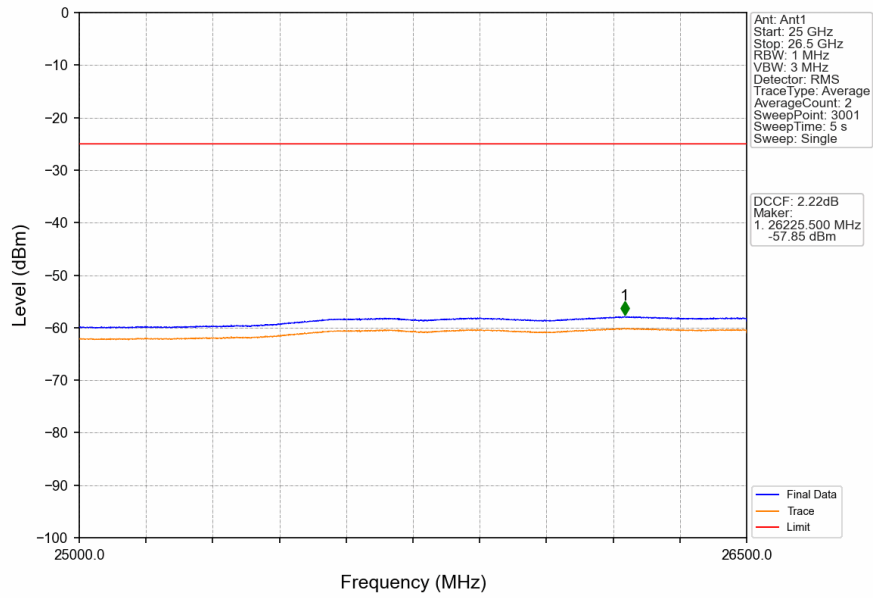
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV



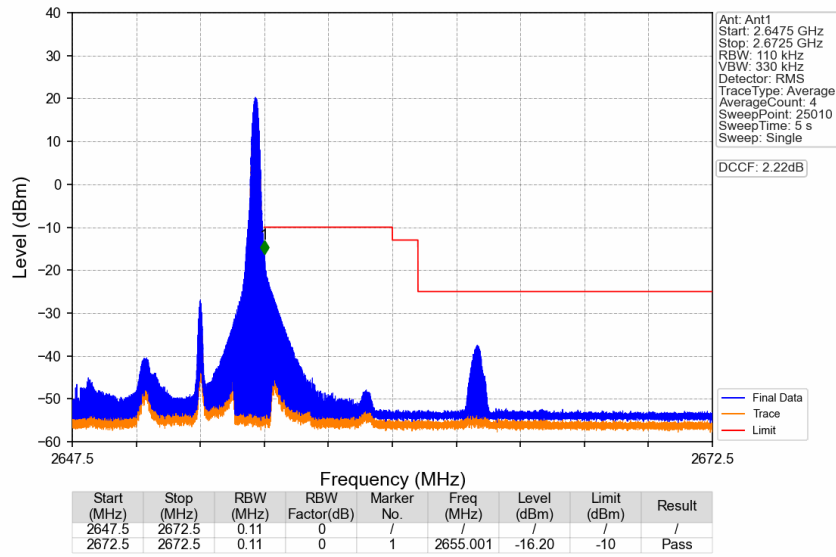
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV



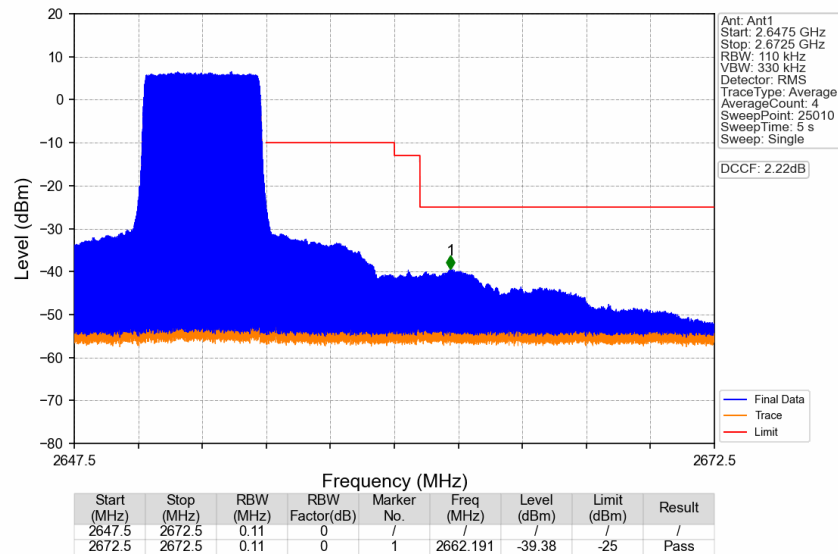
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV



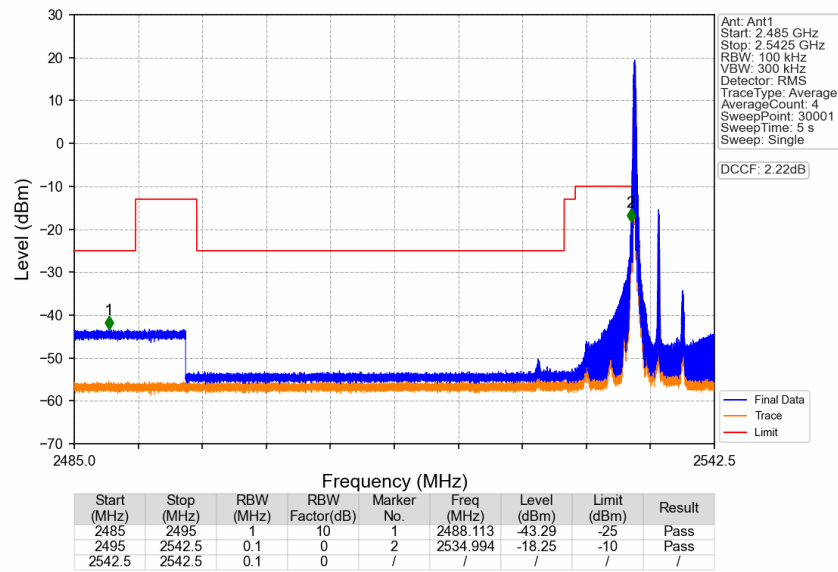
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_24_NTNV



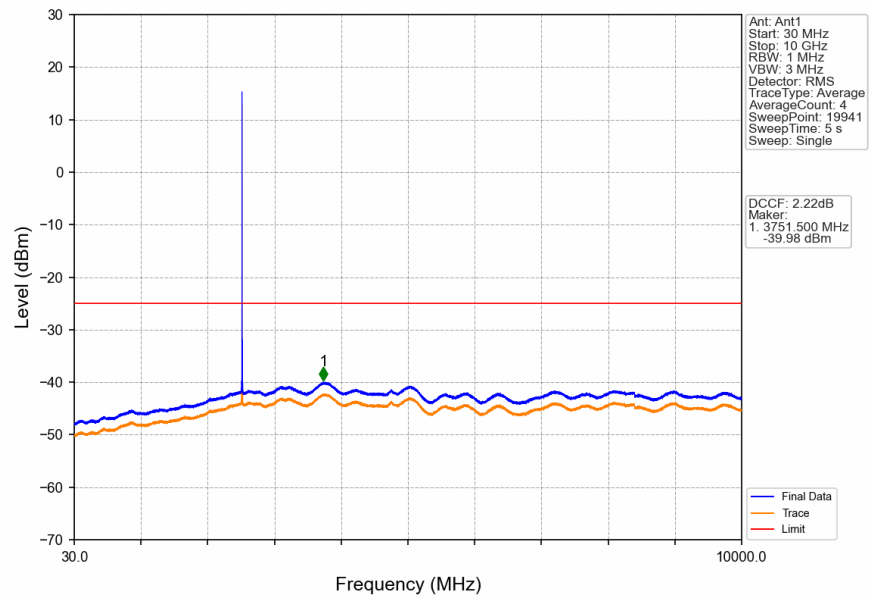
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



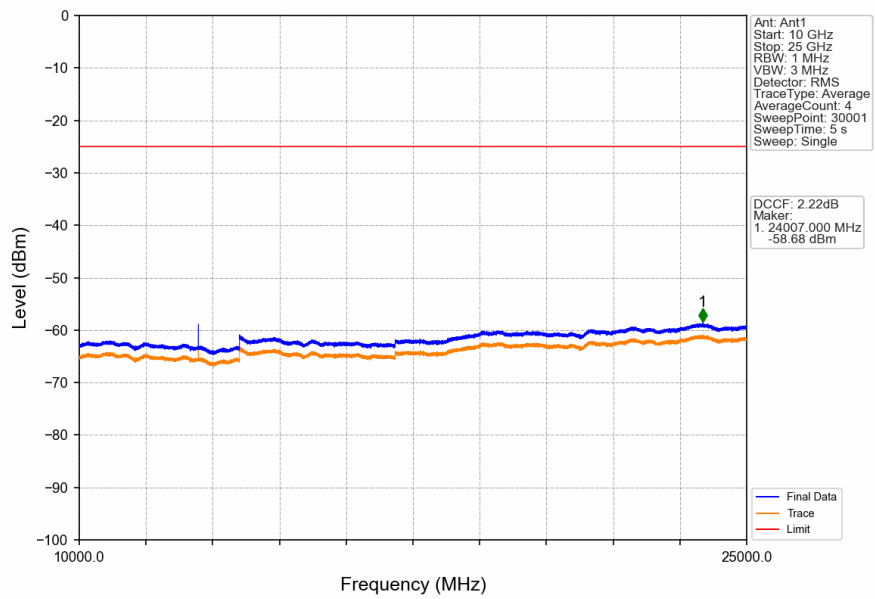
Band41_5MHz_16QAM_LCH_2537.5MHz_RB_1_0_NTNV



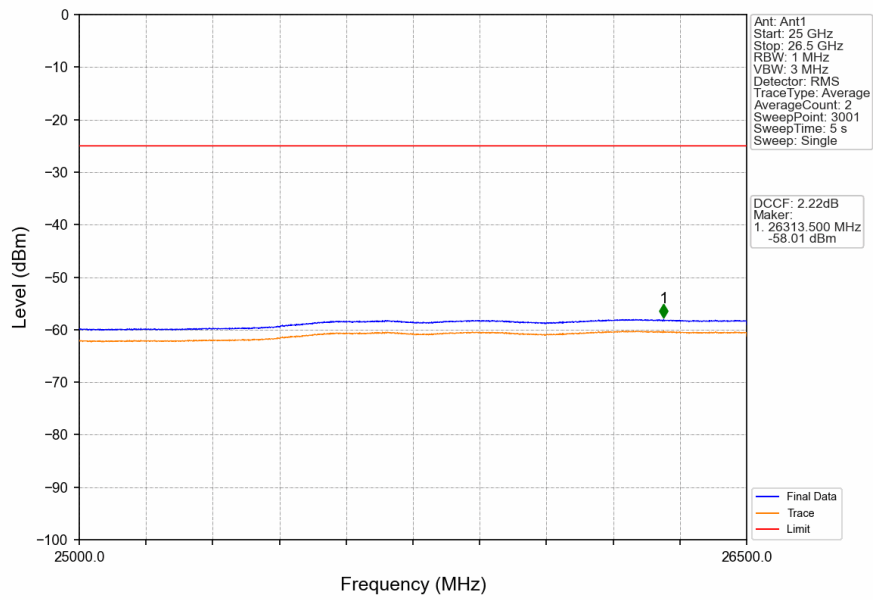
Band41_5MHz_16QAM_LCH_2537.5MHz_RB_1_0_NTNV



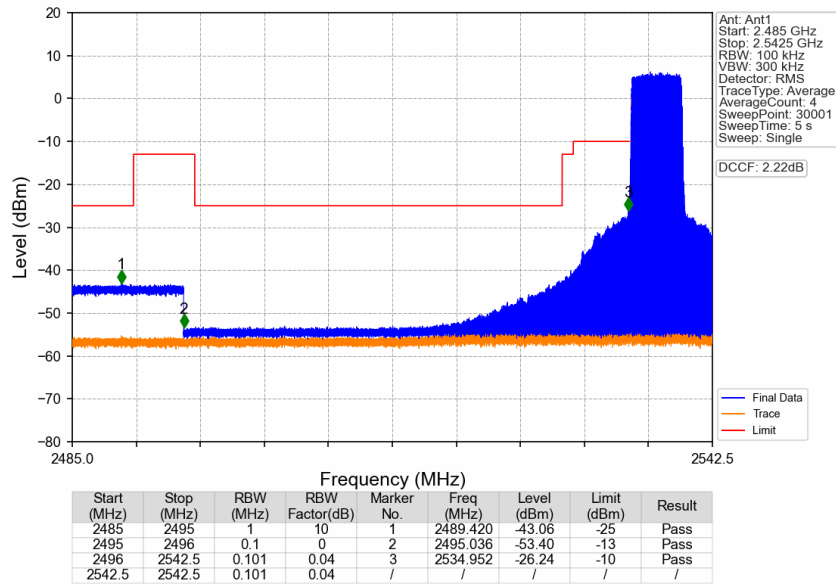
Band41_5MHz_16QAM_LCH_2537.5MHz_RB_1_0_NTNV



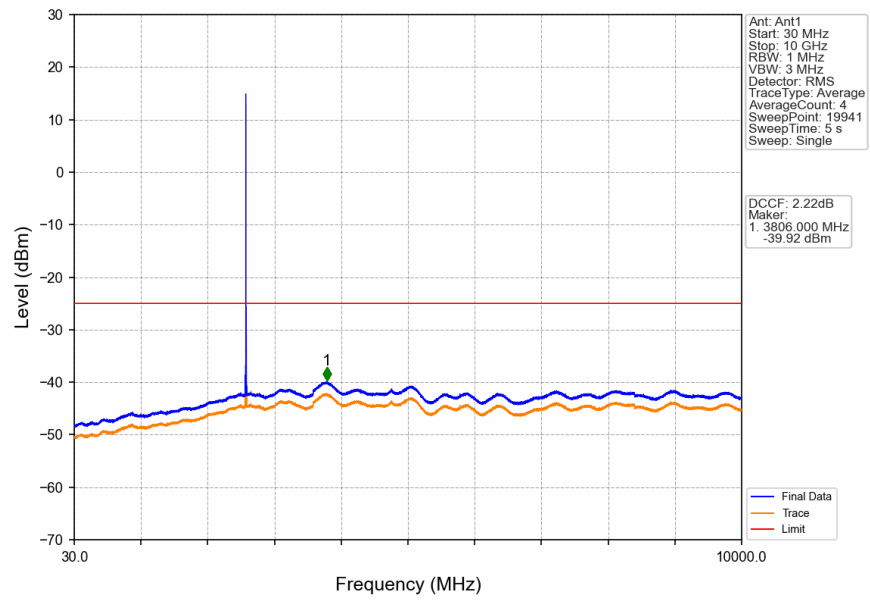
Band41_5MHz_16QAM_LCH_2537.5MHz_RB_1_0_NTNV



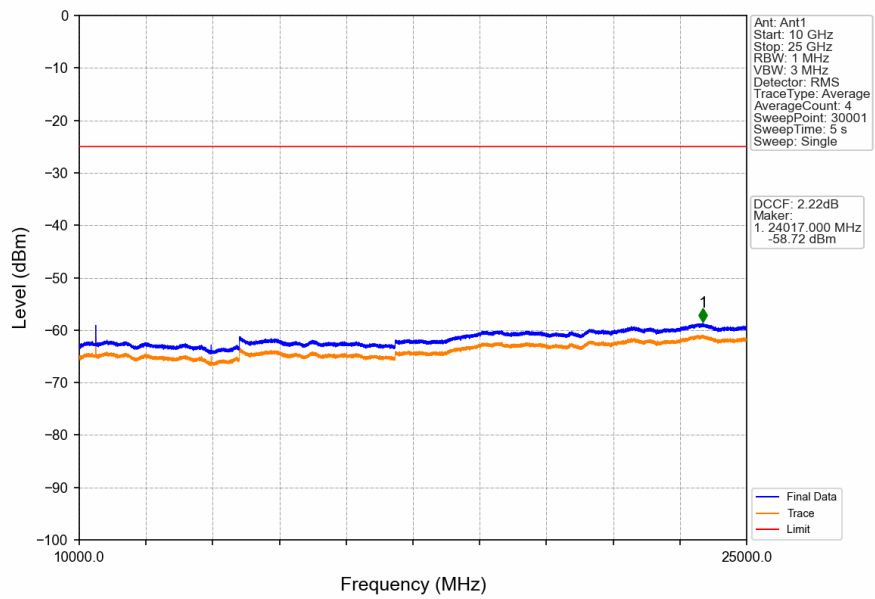
Band41_5MHz_16QAM_LCH_2537.5MHz_RB_25_0_NTNV



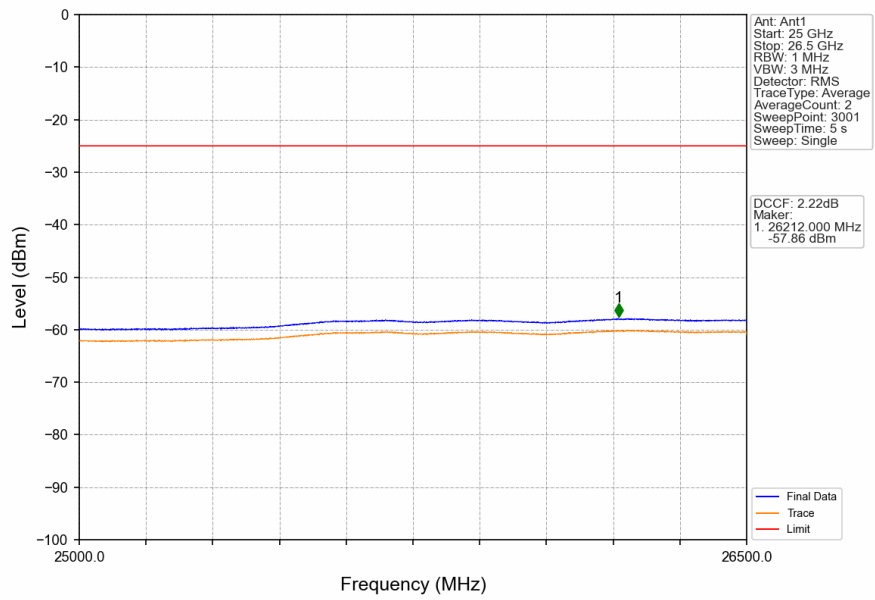
Band41_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



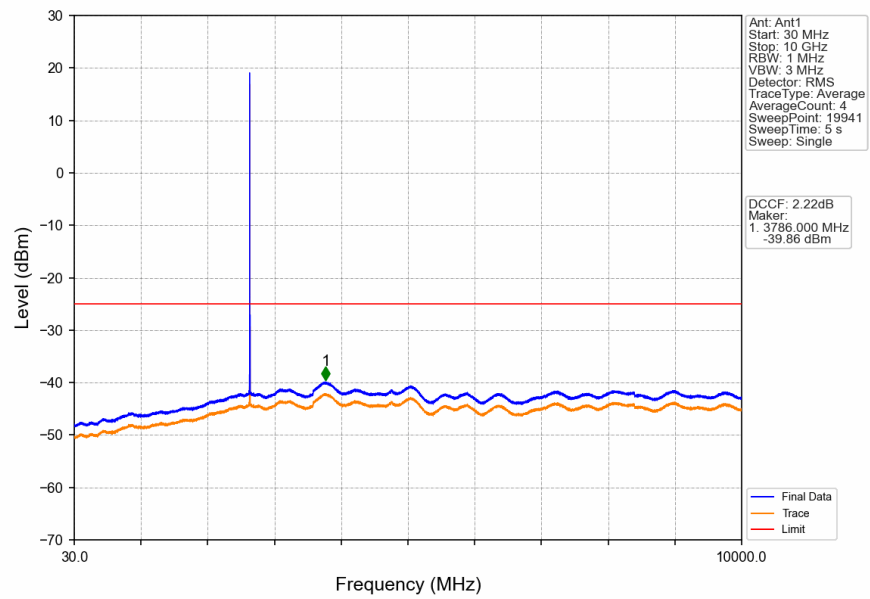
Band41_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



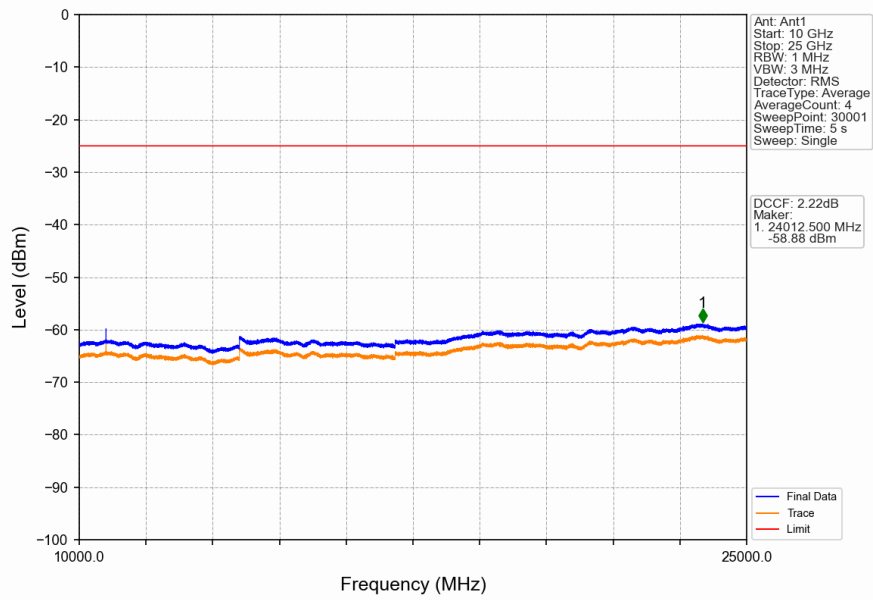
Band41_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



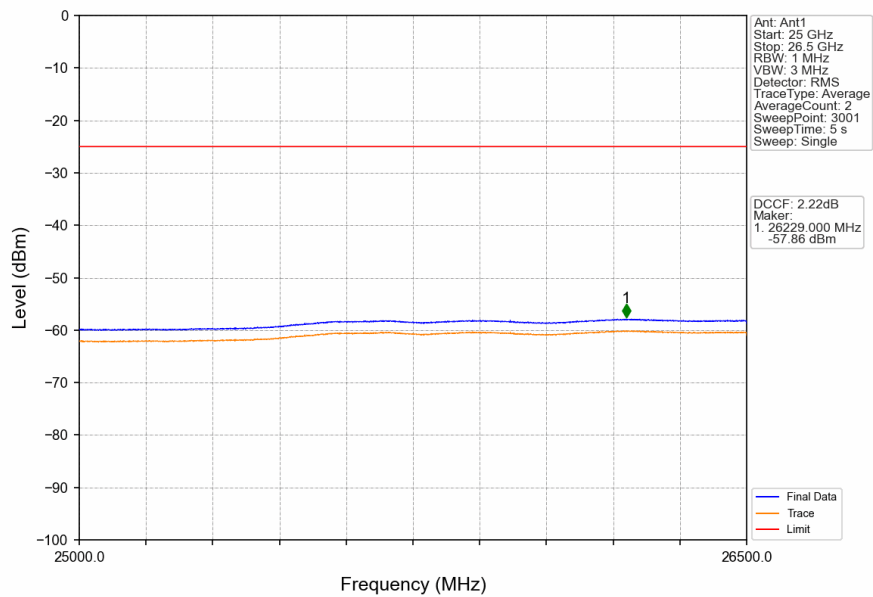
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV



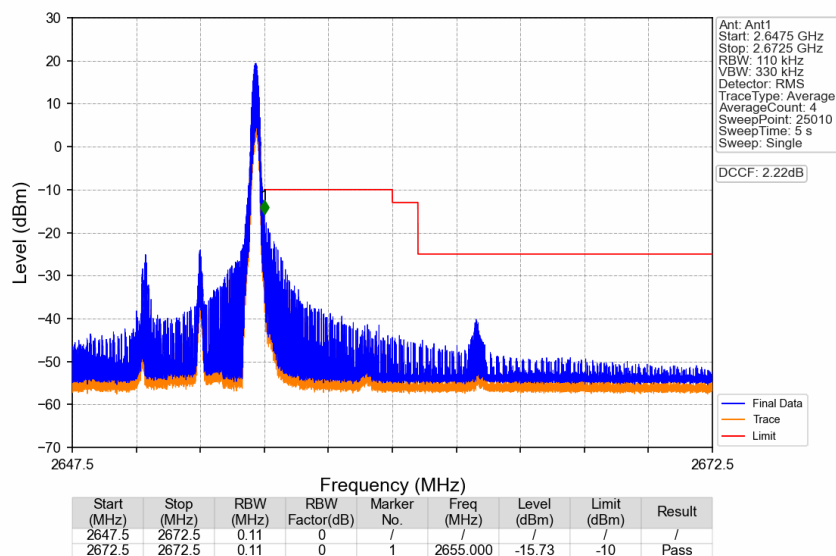
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV



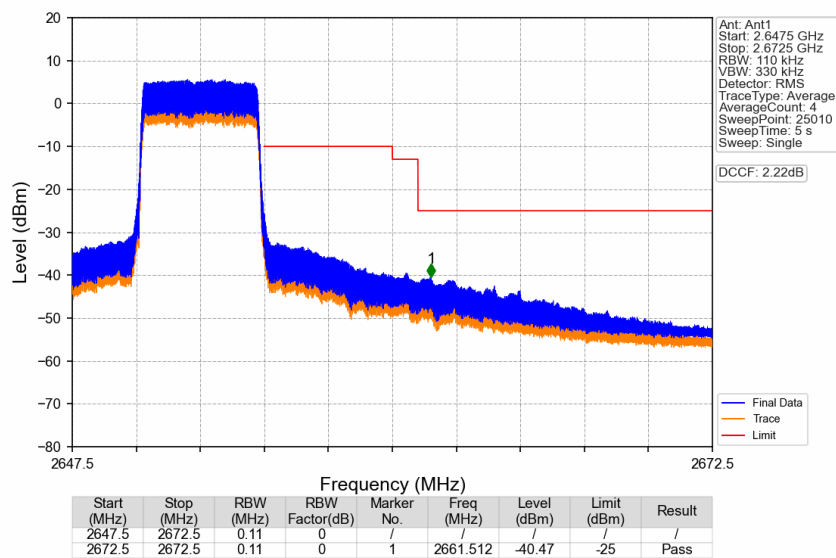
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_24_NTNV



Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV

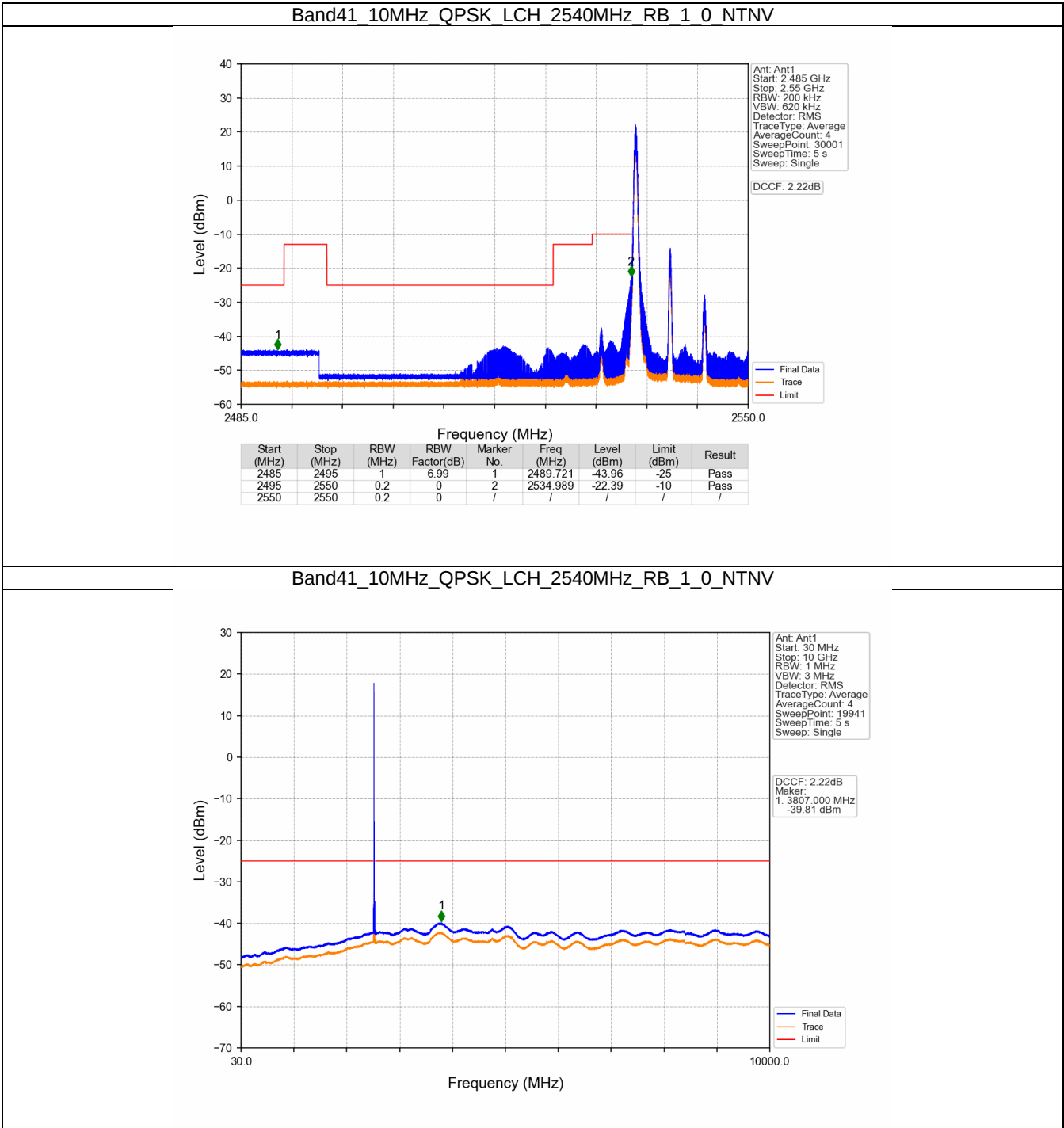


10.2 B41_10MHz

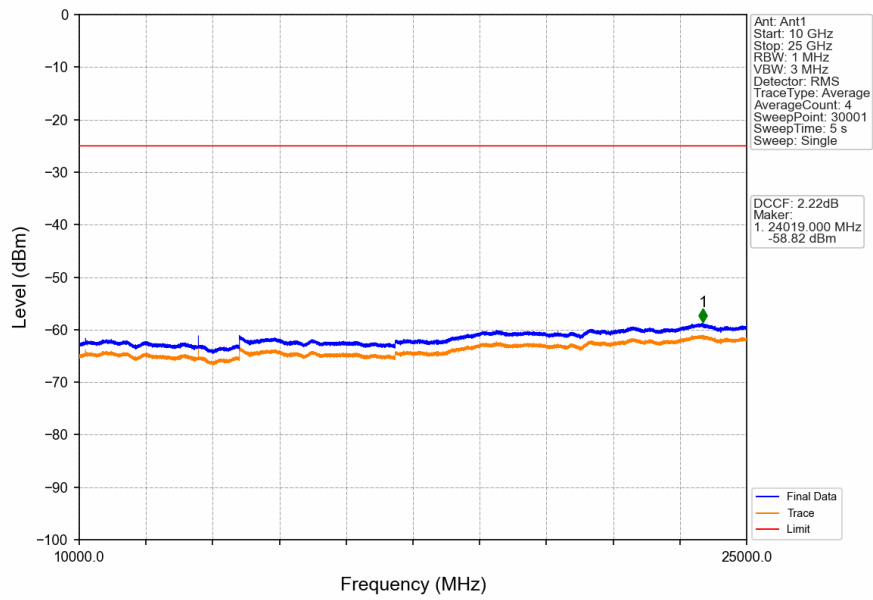
10.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2540	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2650	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2540	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2650	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

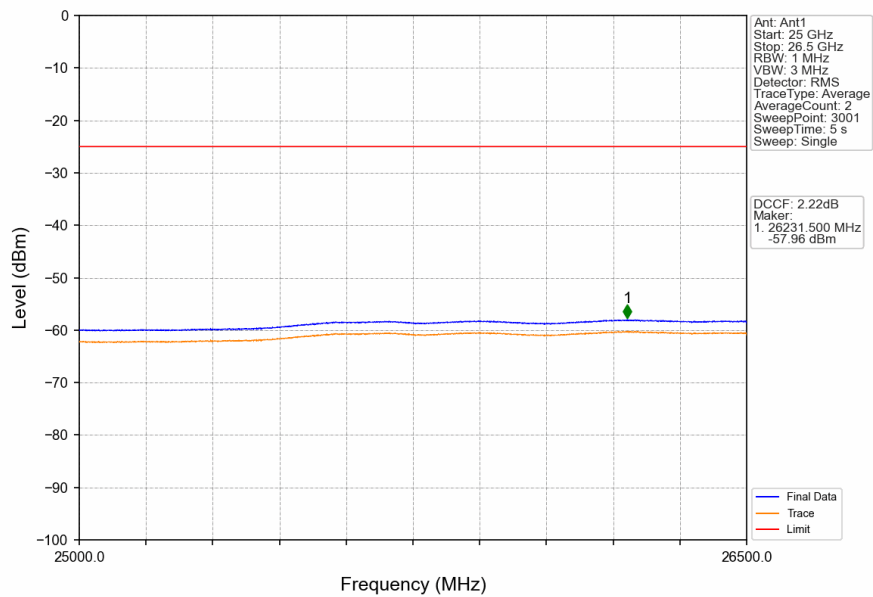
10.2.2 Test Graph



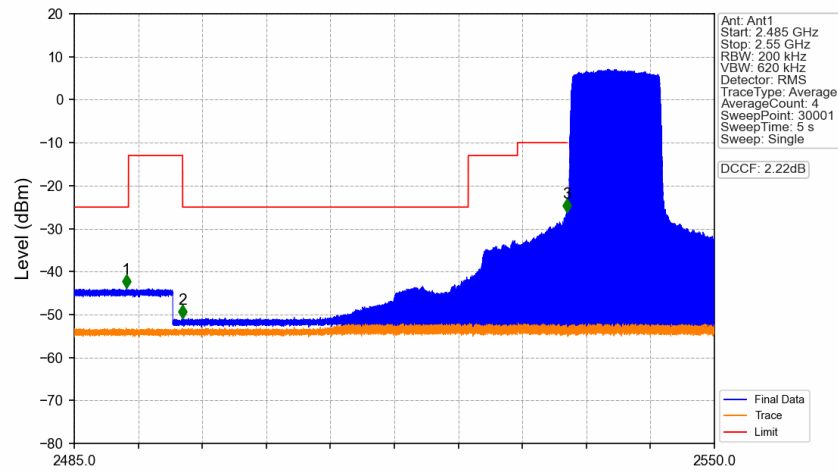
Band41_10MHz_QPSK_LCH_2540MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2540MHz_RB_1_0_NTNV

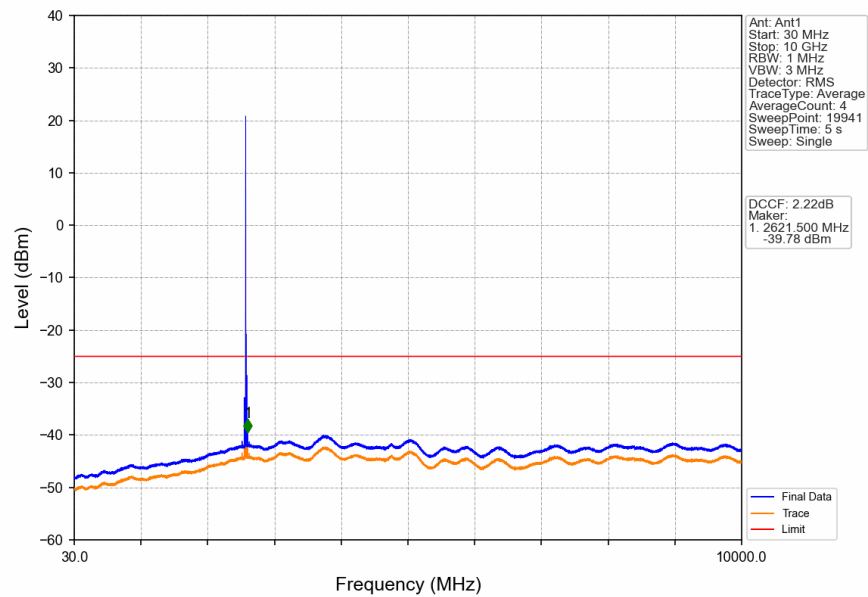


Band41_10MHz_QPSK_LCH_2540MHz_RB_50_0_NTNV

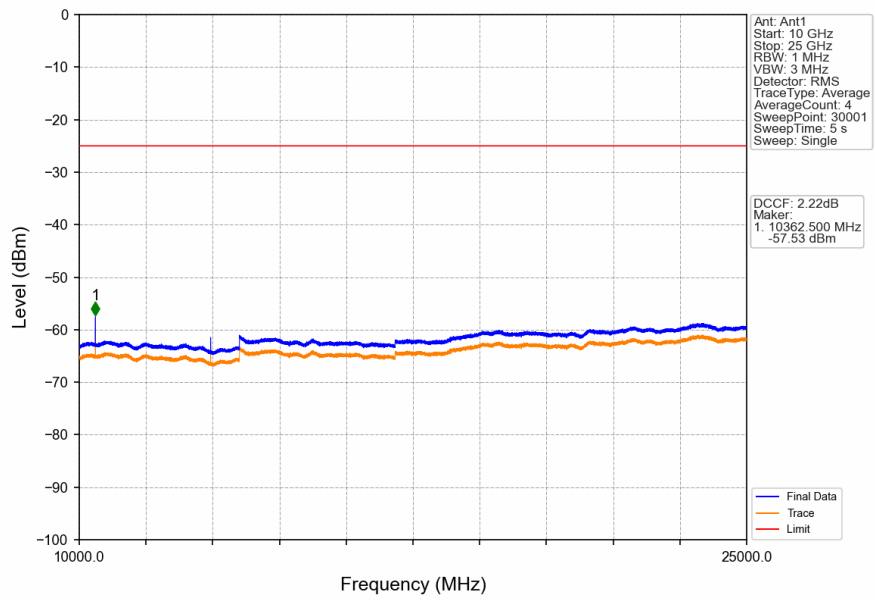


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	6.99	1	2490.274	-43.88	-25	Pass
2495	2496	0.2	0	2	2495.981	-50.96	-13	Pass
2496	2550	0.203	0.06	3	2534.998	-26.17	-10	Pass
2550	2550	0.203	0.06	/	/	/	/	/

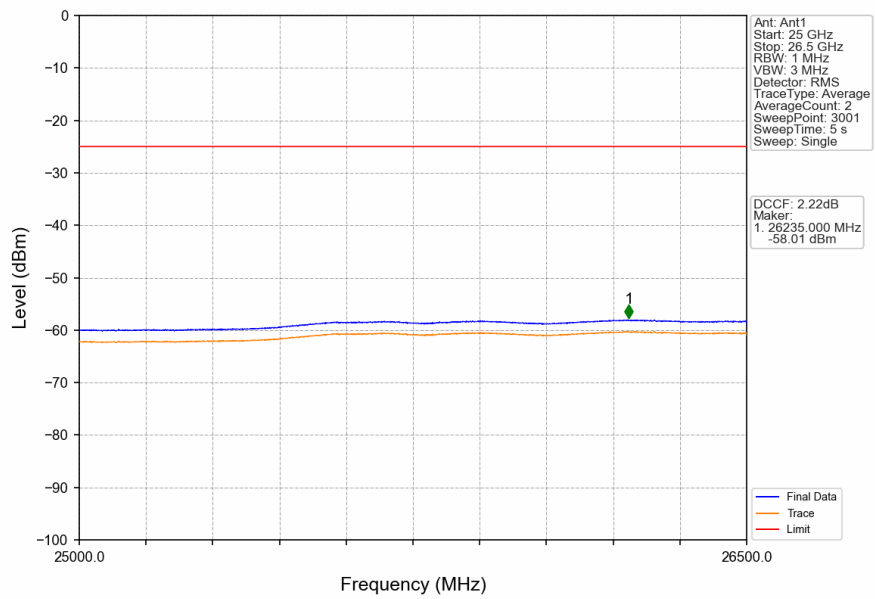
Band41_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



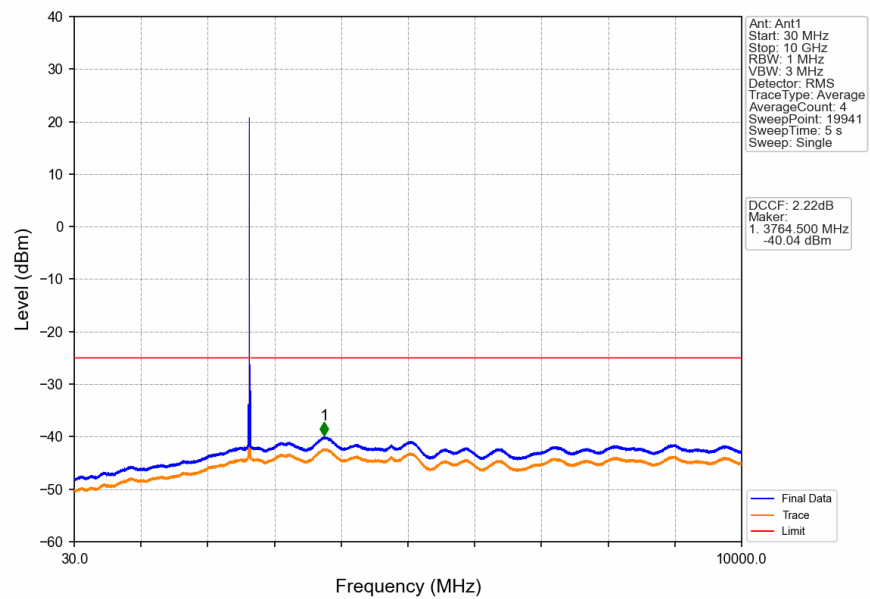
Band41_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



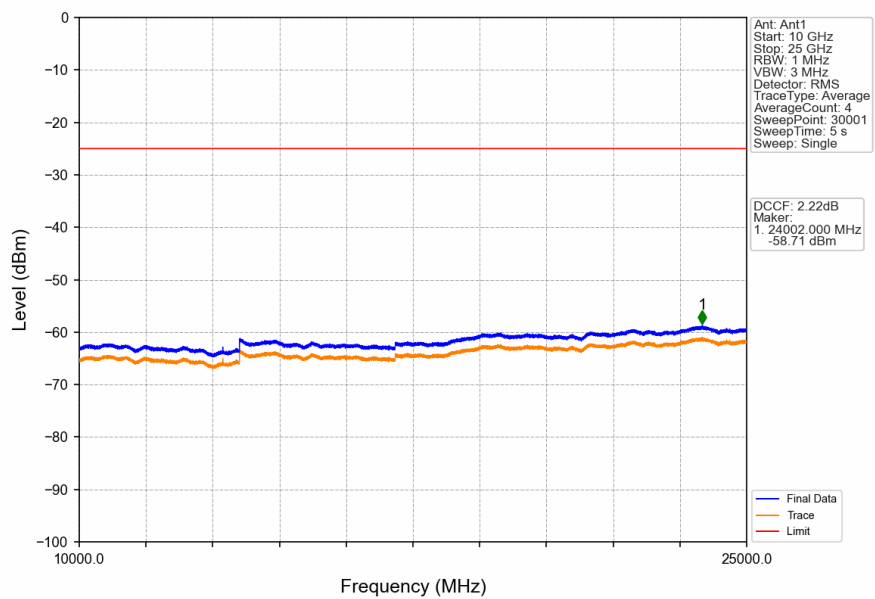
Band41_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



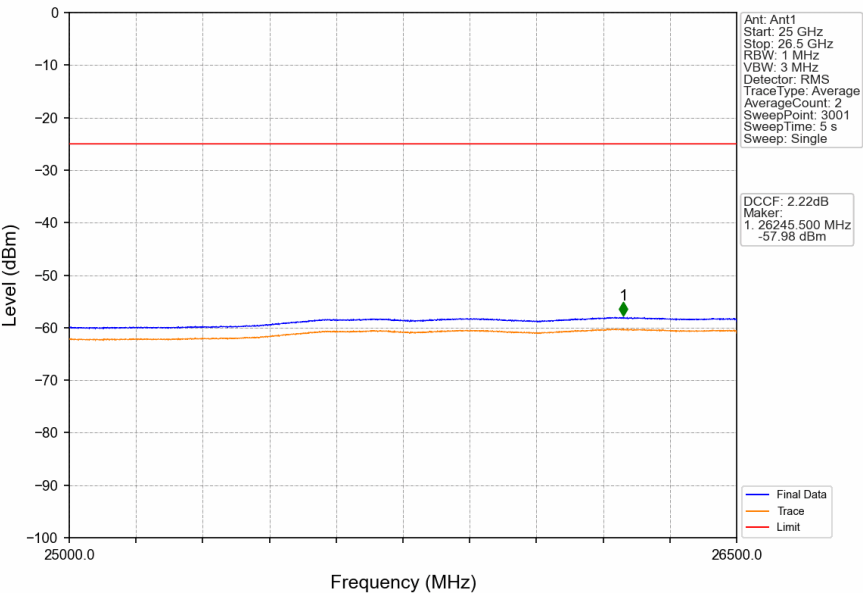
Band41_10MHz_QPSK_HCH_2650MHz_RB_1_0_NTNV



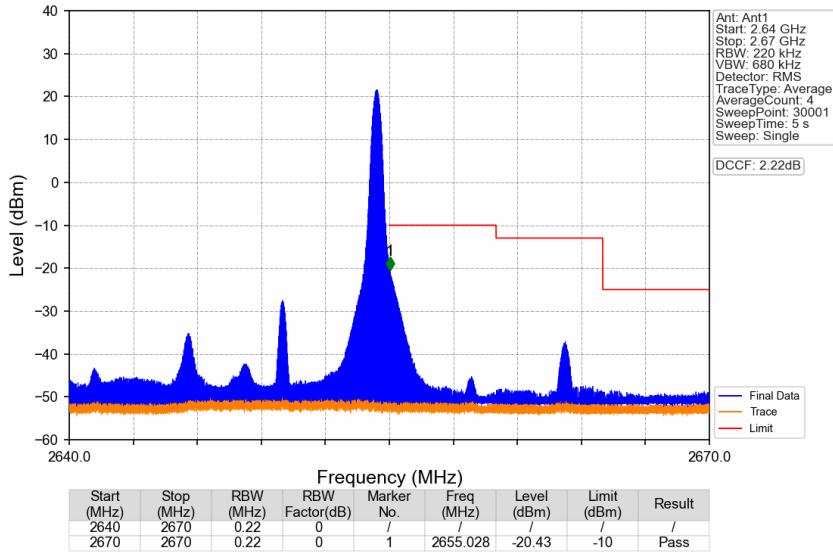
Band41_10MHz_QPSK_HCH_2650MHz_RB_1_0_NTNV



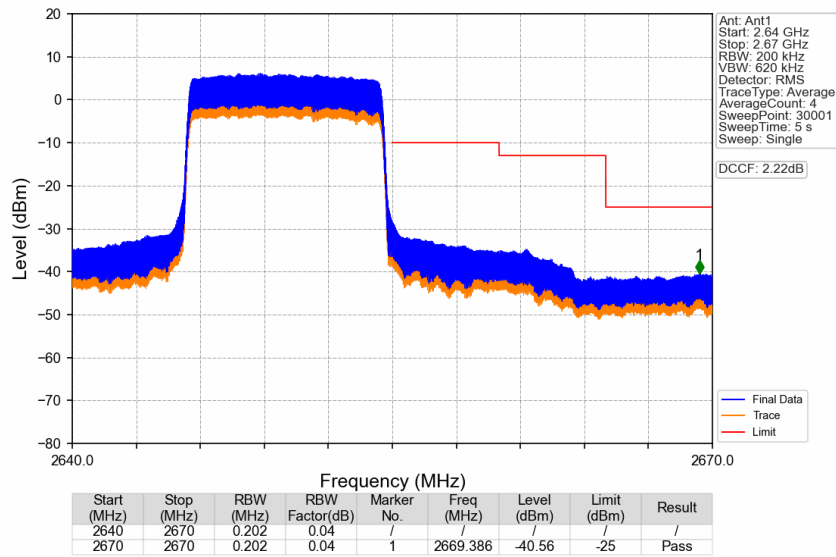
Band41_10MHz_QPSK_HCH_2650MHz_RB_1_0_NTNV



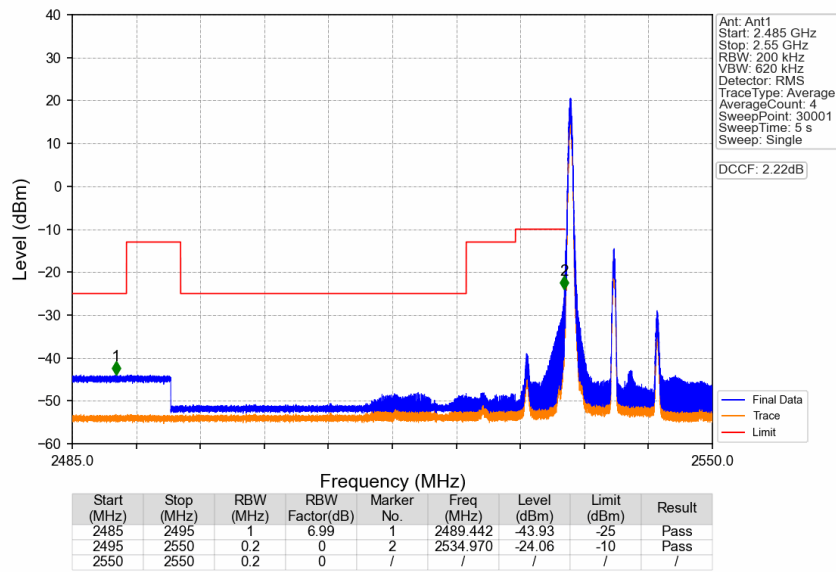
Band41_10MHz_QPSK_HCH_2650MHz_RB_1_49_NTNV



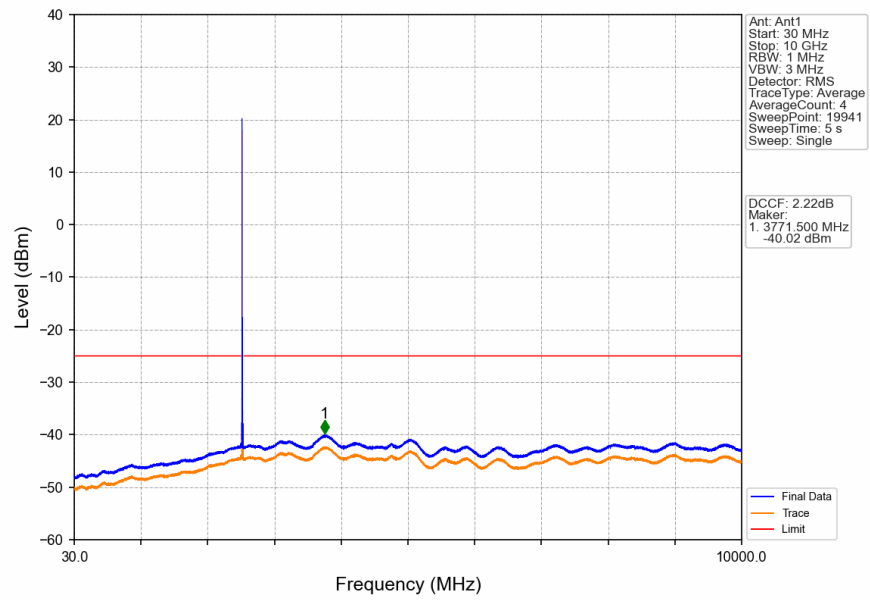
Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



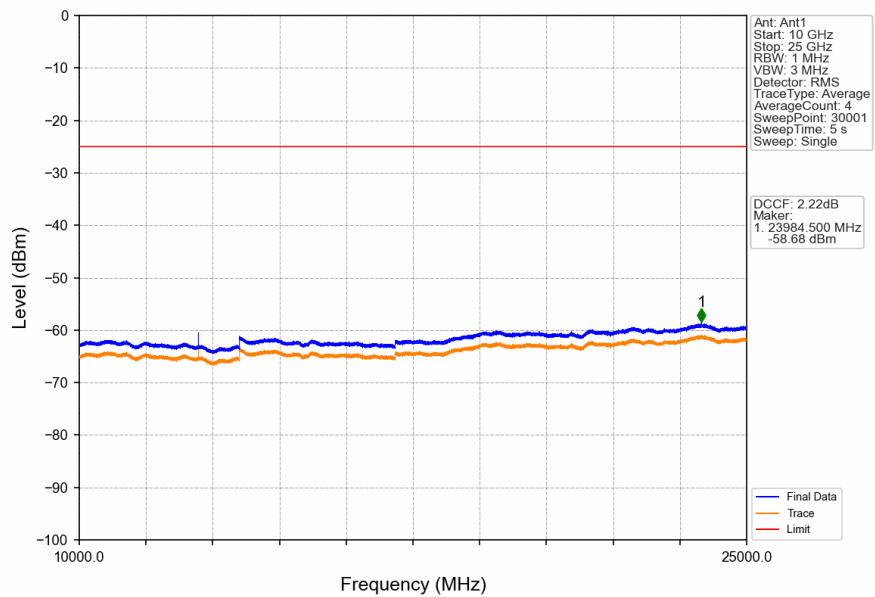
Band41_10MHz_16QAM_LCH_2540MHz_RB_1_0_NTNV



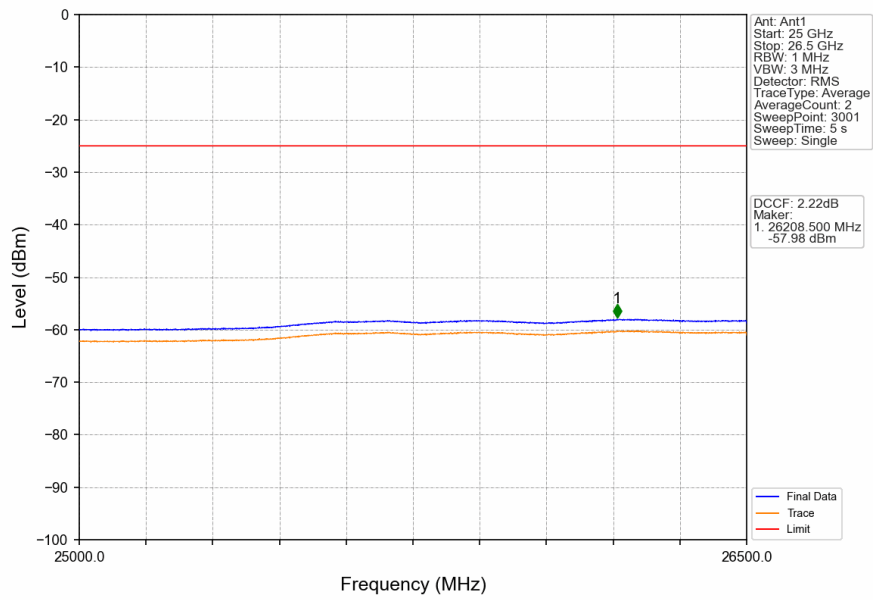
Band41_10MHz_16QAM_LCH_2540MHz_RB_1_0_NTNV



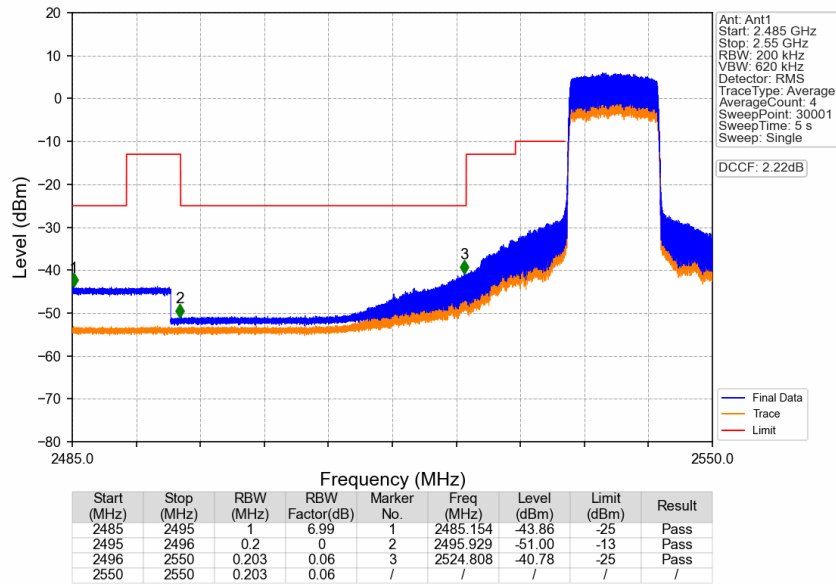
Band41_10MHz_16QAM_LCH_2540MHz_RB_1_0_NTNV



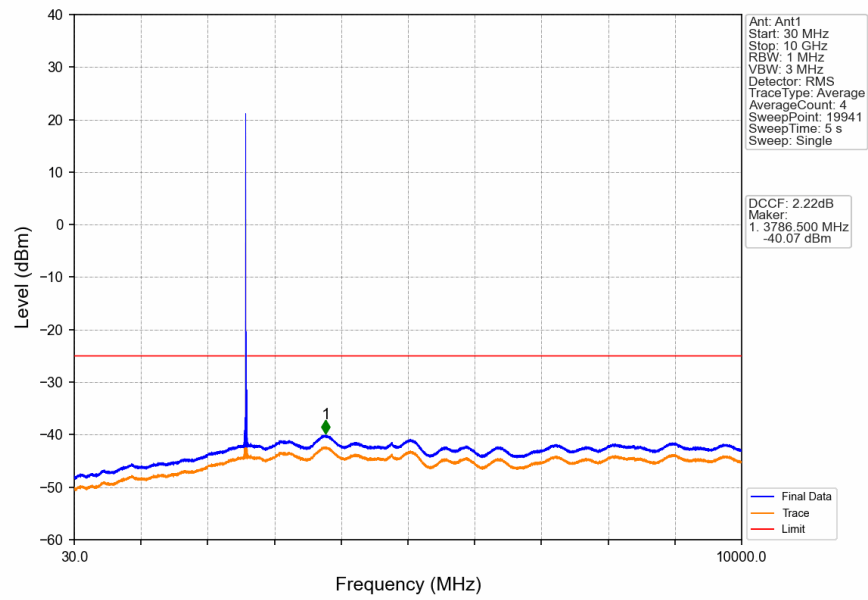
Band41_10MHz_16QAM_LCH_2540MHz_RB_1_0_NTNV



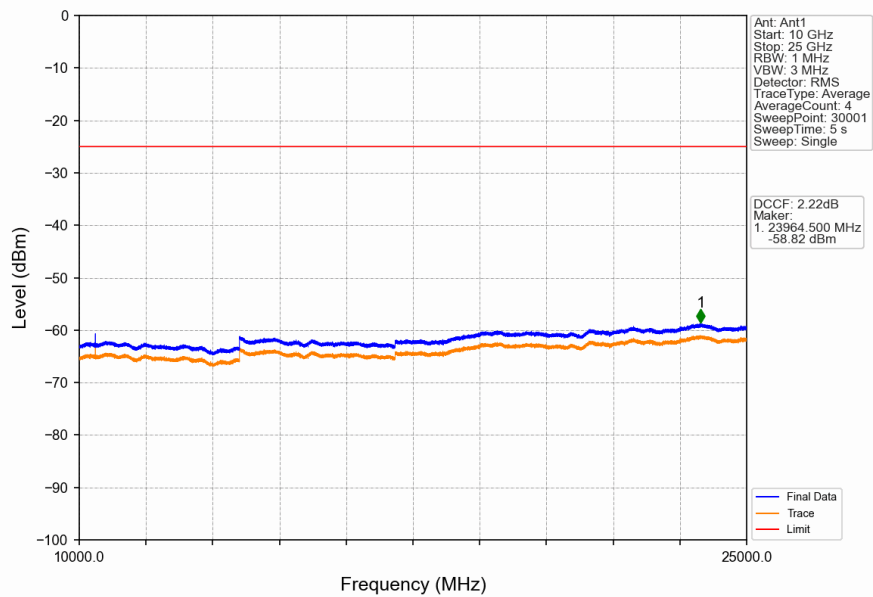
Band41_10MHz_16QAM_LCH_2540MHz_RB_50_0_NTNV



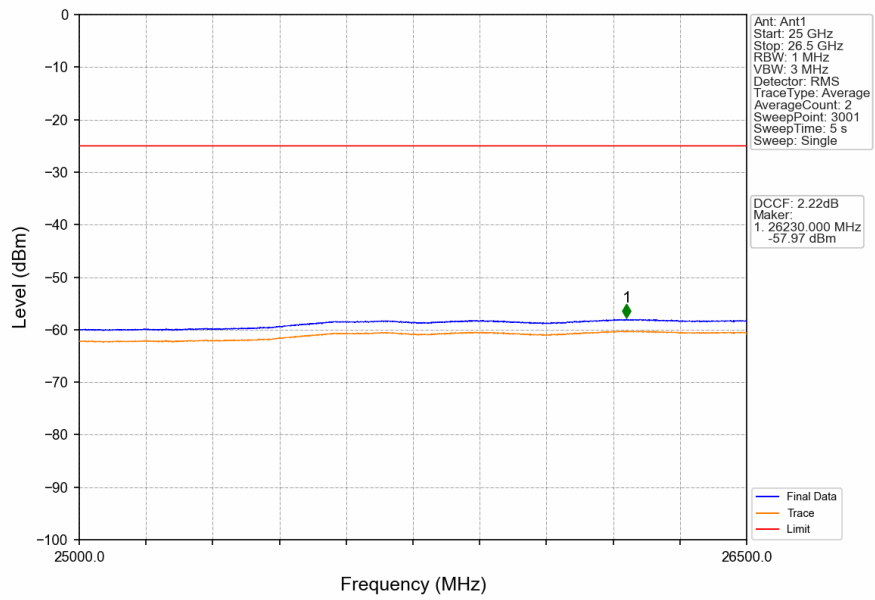
Band41_10MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



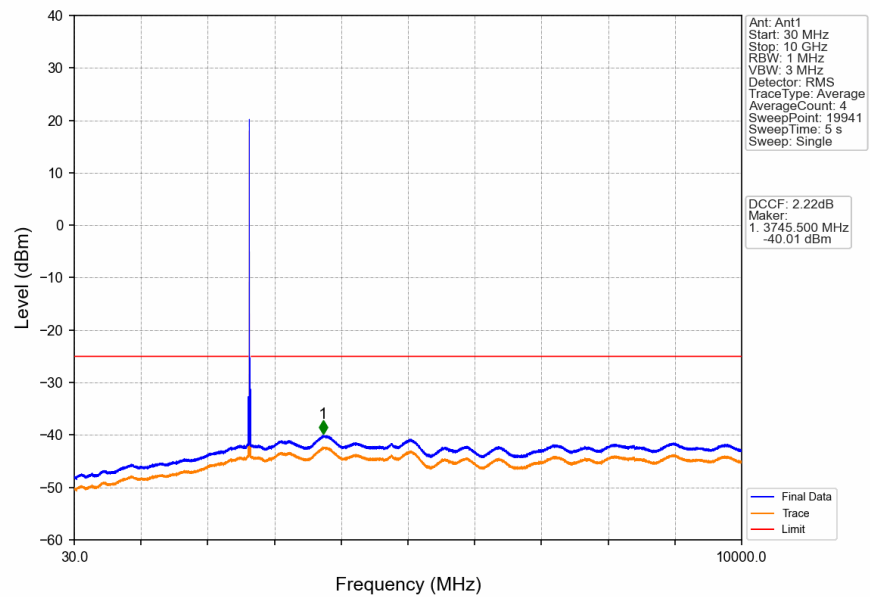
Band41_10MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



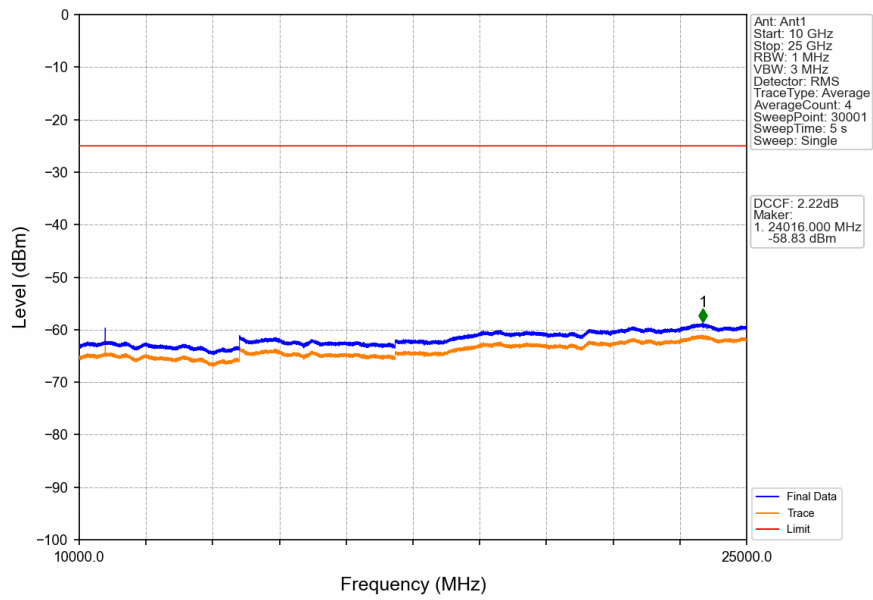
Band41_10MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



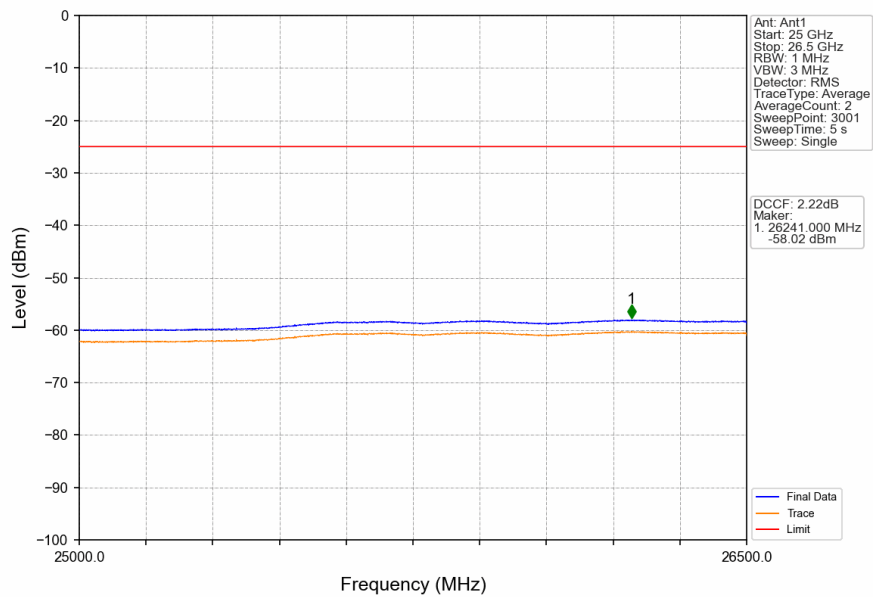
Band41_10MHz_16QAM_HCH_2650MHz_RB_1_0_NTNV



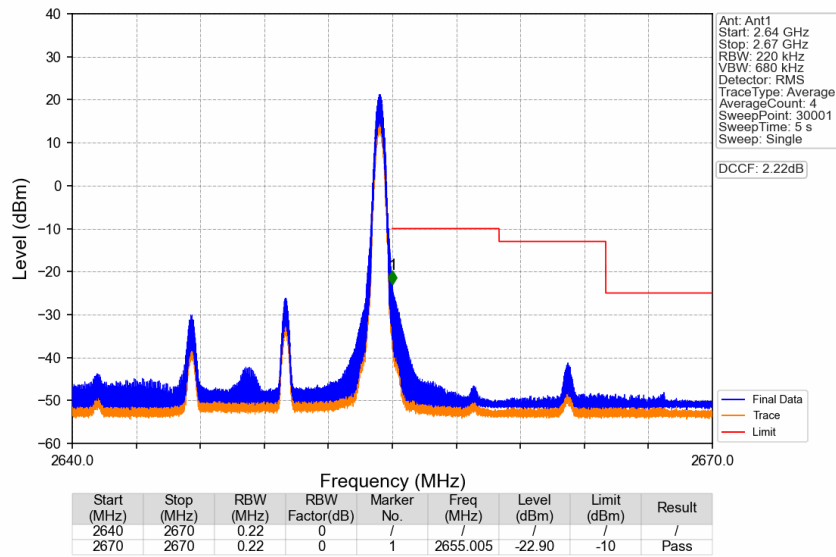
Band41_10MHz_16QAM_HCH_2650MHz_RB_1_0_NTNV



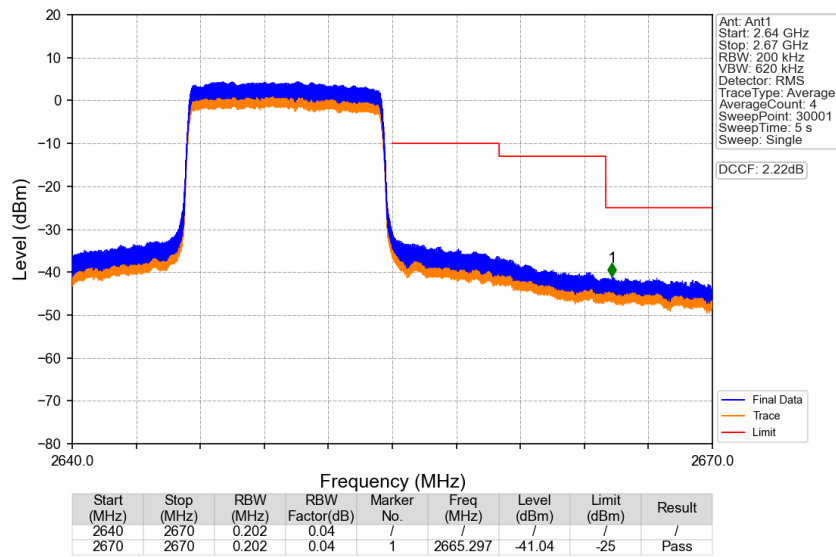
Band41_10MHz_16QAM_HCH_2650MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_HCH_2650MHz_RB_1_49_NTNV



Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV

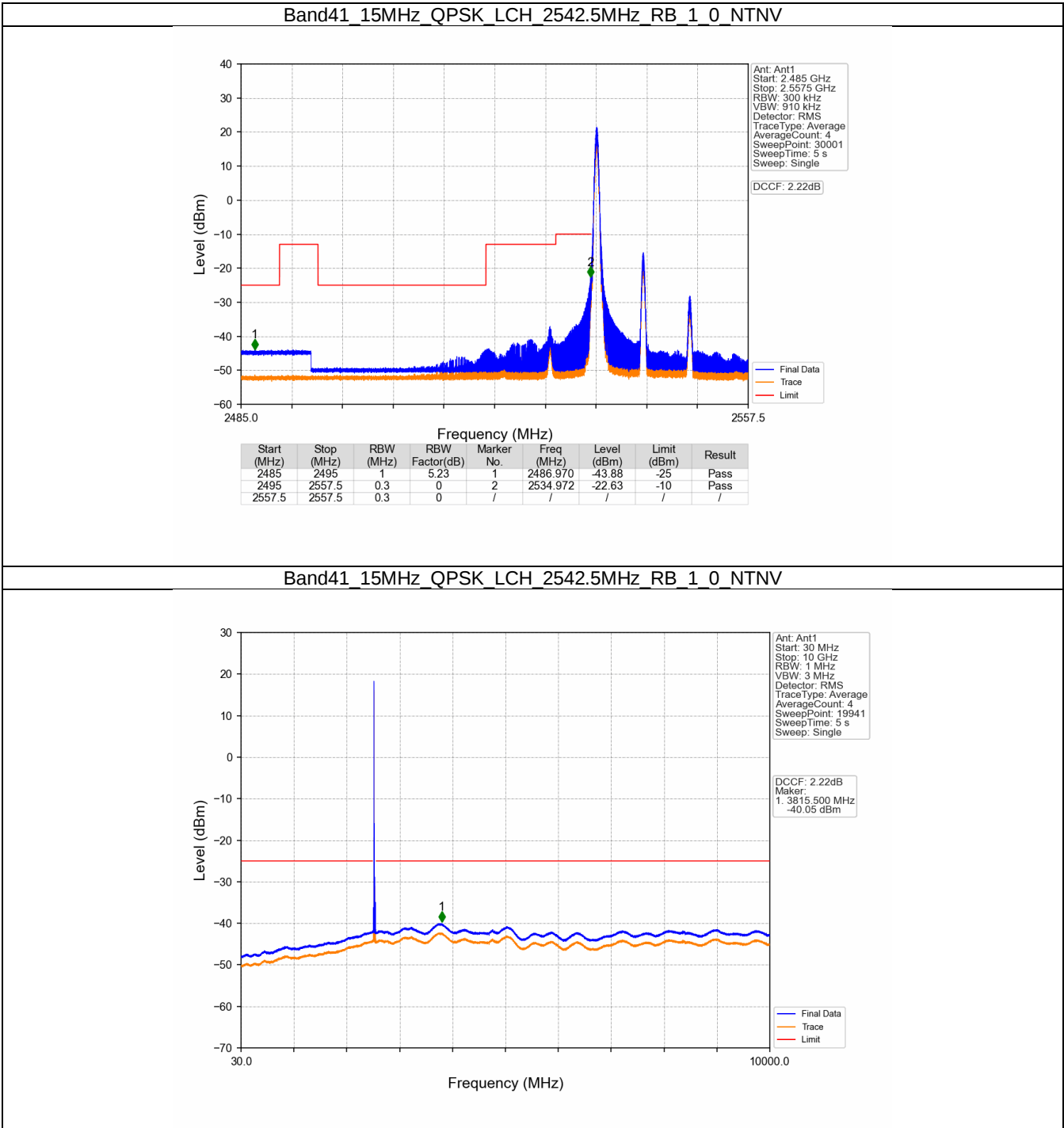


10.3 B41_15MHz

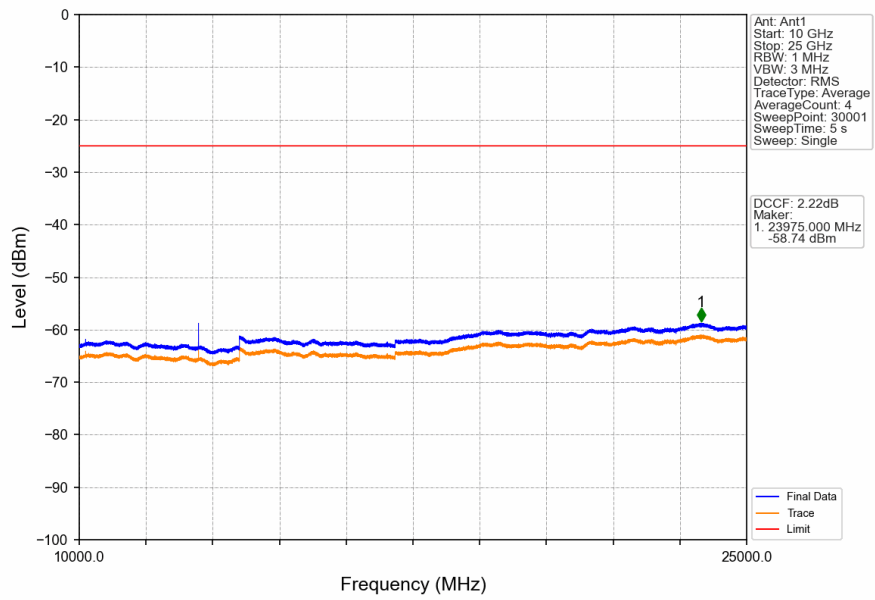
10.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2542.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2647.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2542.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2647.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

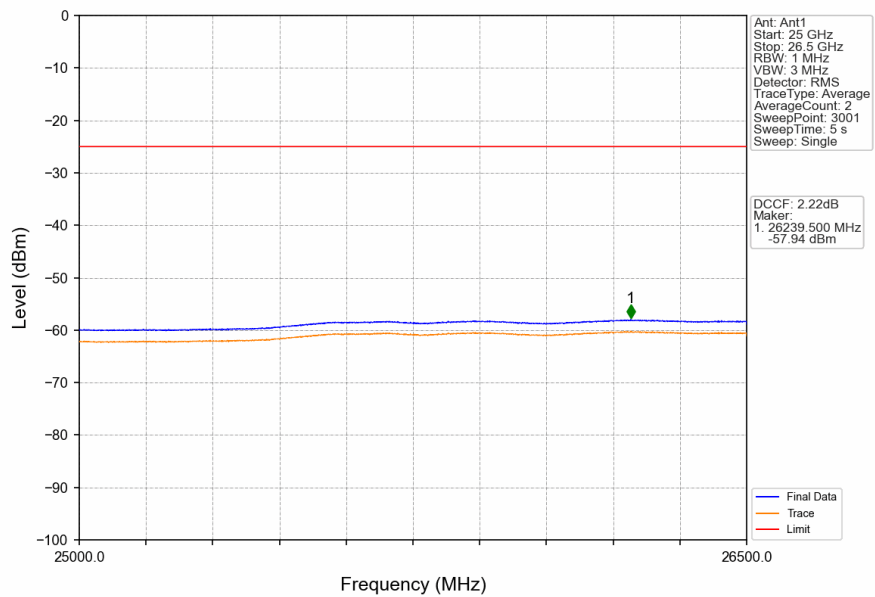
10.3.2 Test Graph



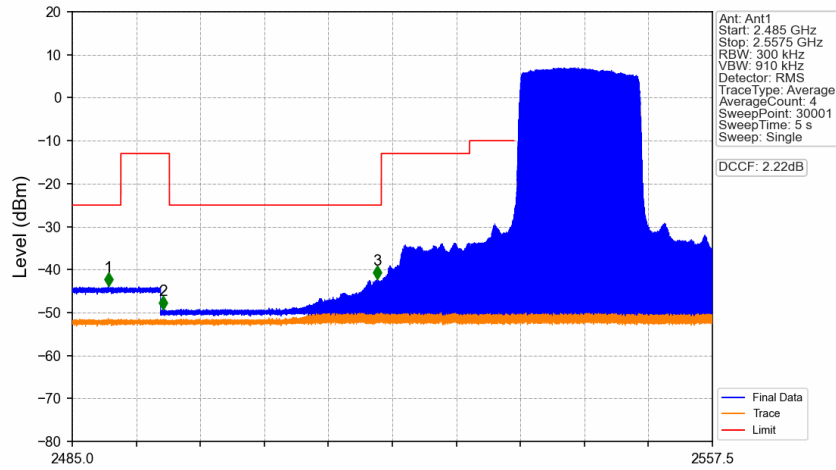
Band41_15MHz_QPSK_LCH_2542.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2542.5MHz_RB_1_0_NTNV

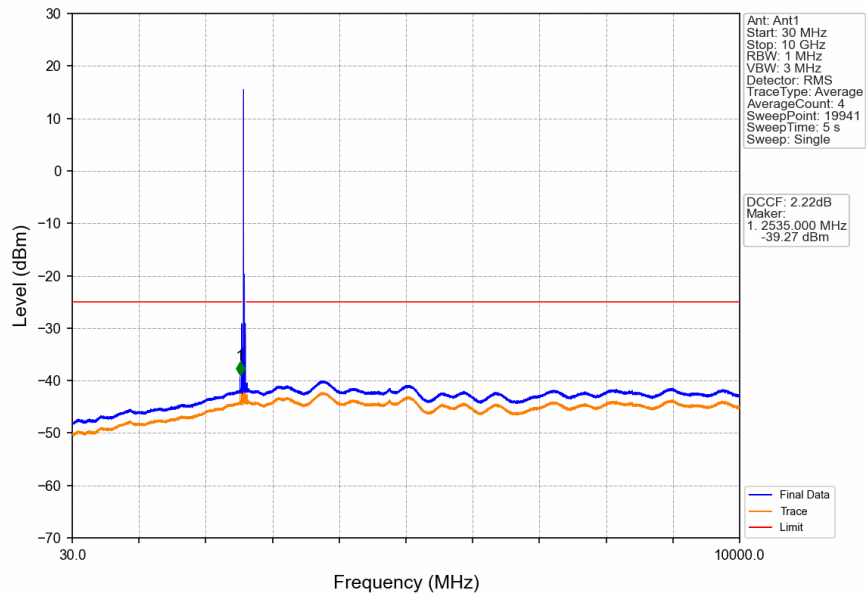


Band41_15MHz_QPSK_LCH_2542.5MHz_RB_75_0_NTNV

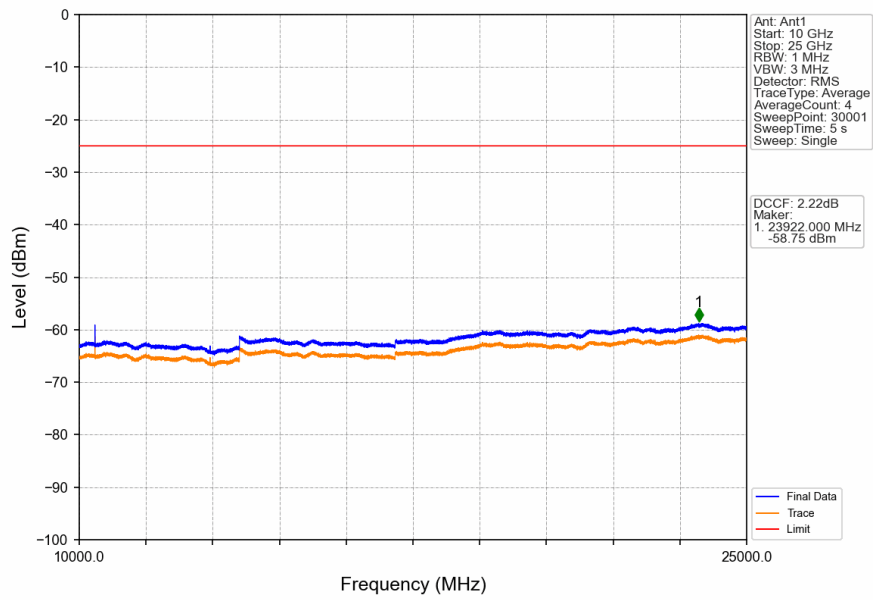


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	5.23	1	2489.089	-43.89	-25	Pass
2495	2496	0.3	0	2	2495.300	-49.34	-13	Pass
2496	2557.5	0.303	0.04	3	2519.524	-42.25	-25	Pass
2557.5	2557.5	0.303	0.04	/	/	/	/	/

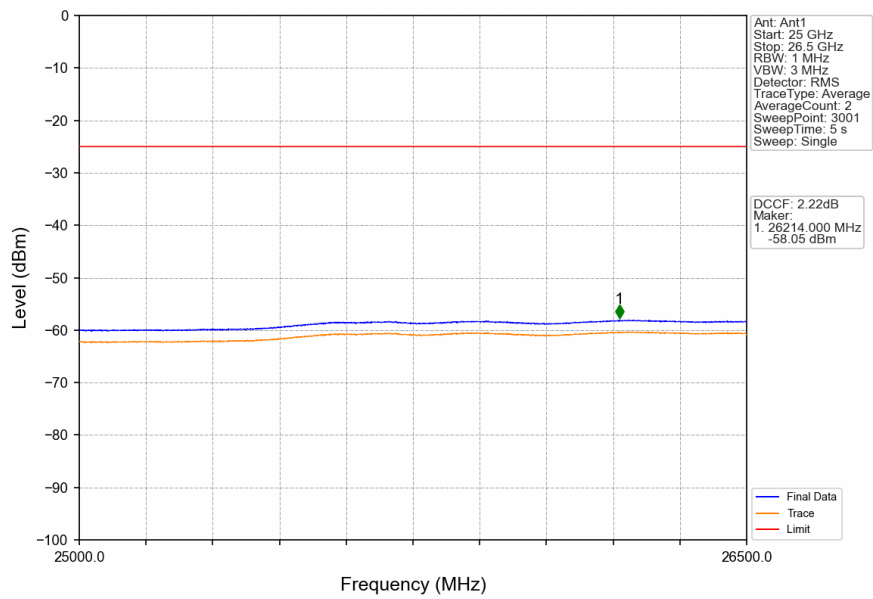
Band41_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



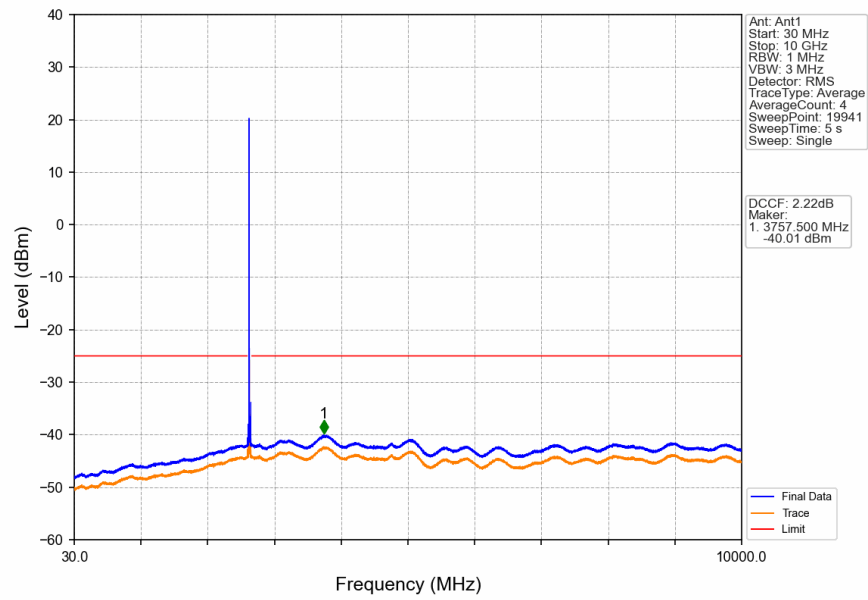
Band41_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



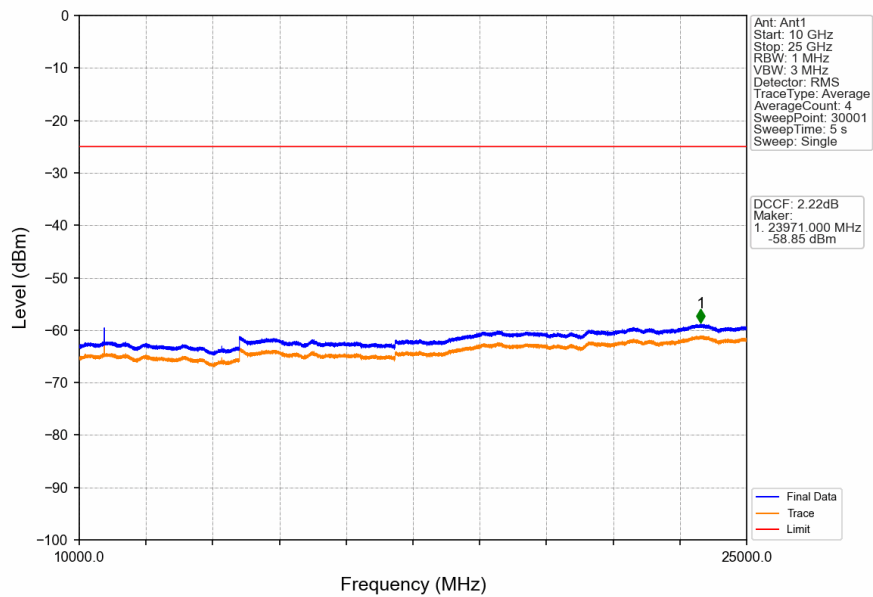
Band41_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



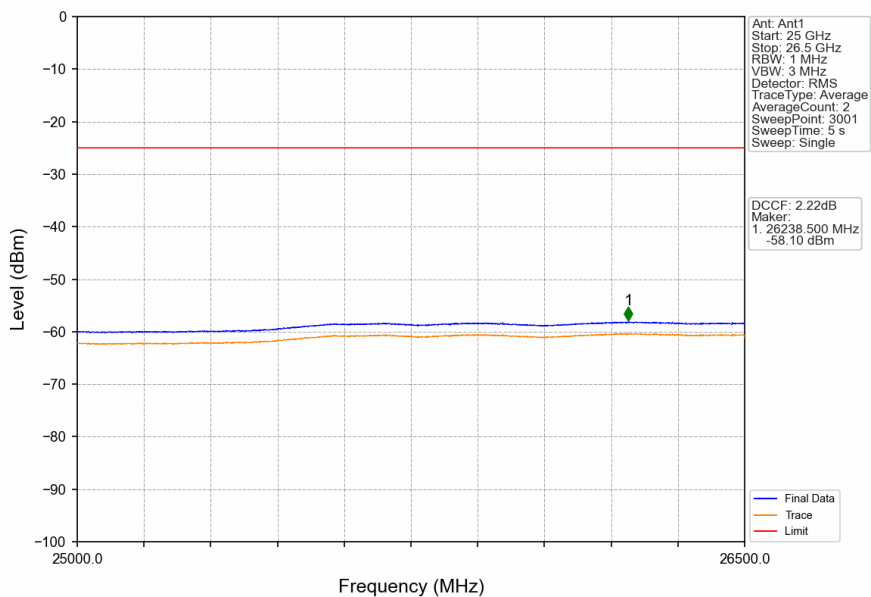
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_1_0_NTNV



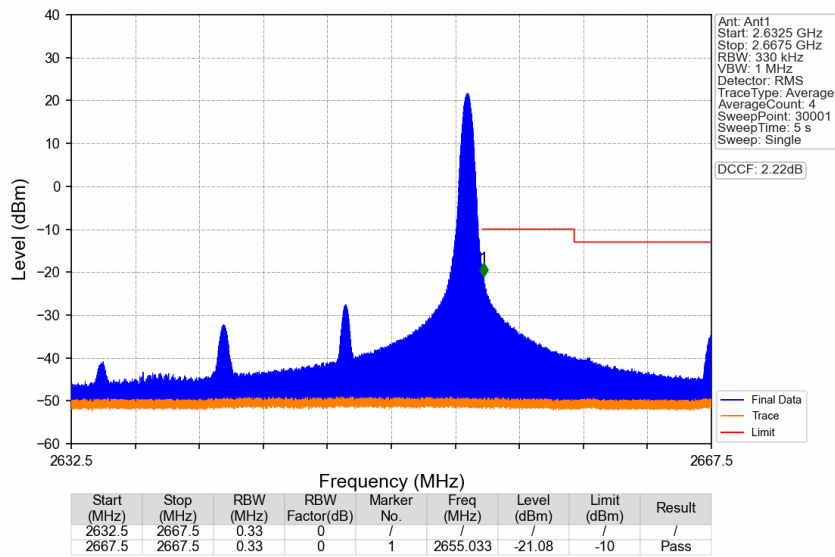
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_1_0_NTNV



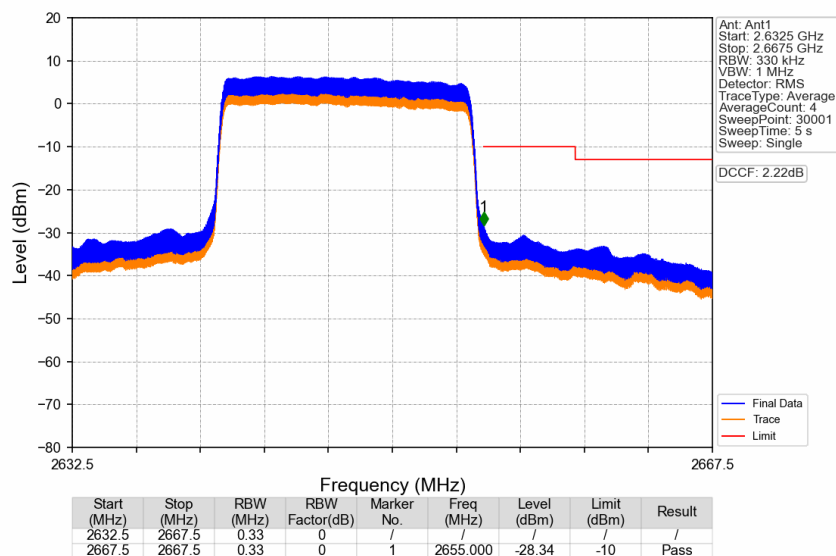
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_1_0_NTNV



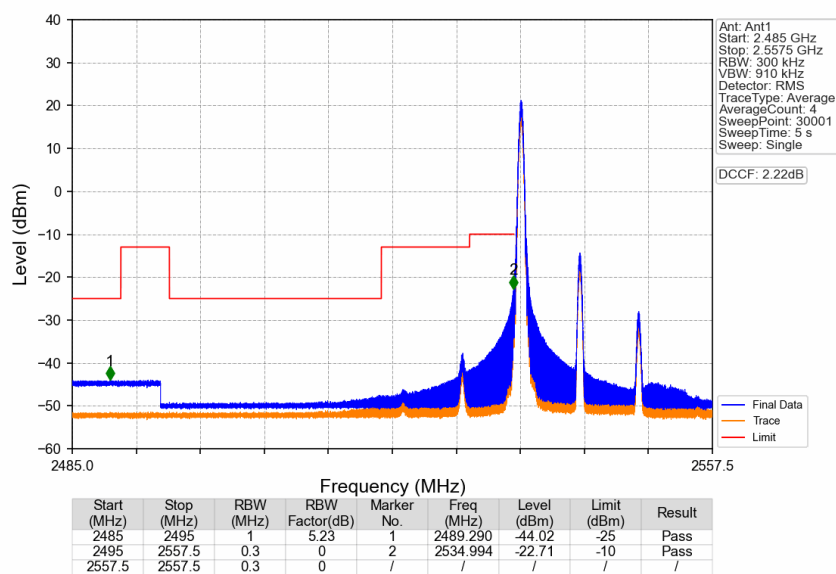
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_1_74_NTNV



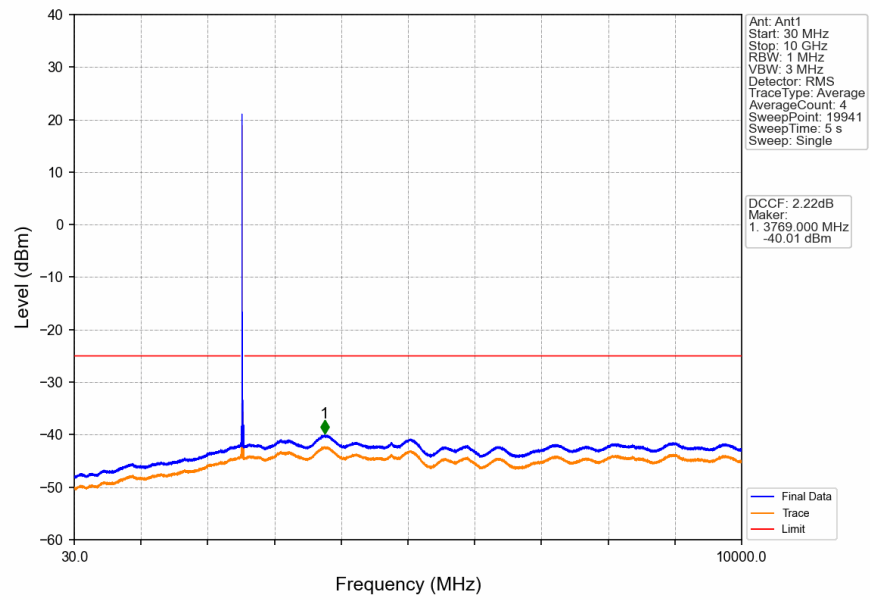
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



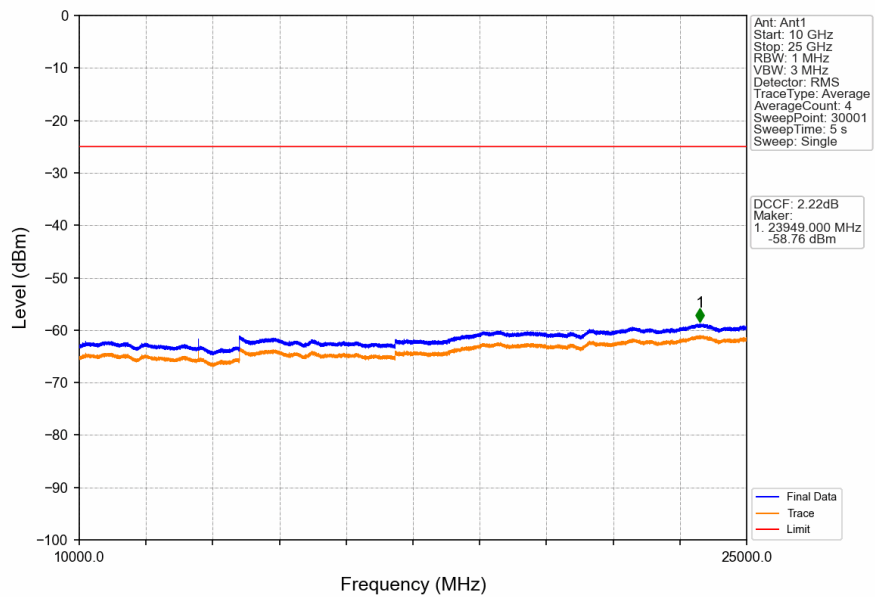
Band41_15MHz_16QAM_LCH_2542.5MHz_RB_1_0_NTNV



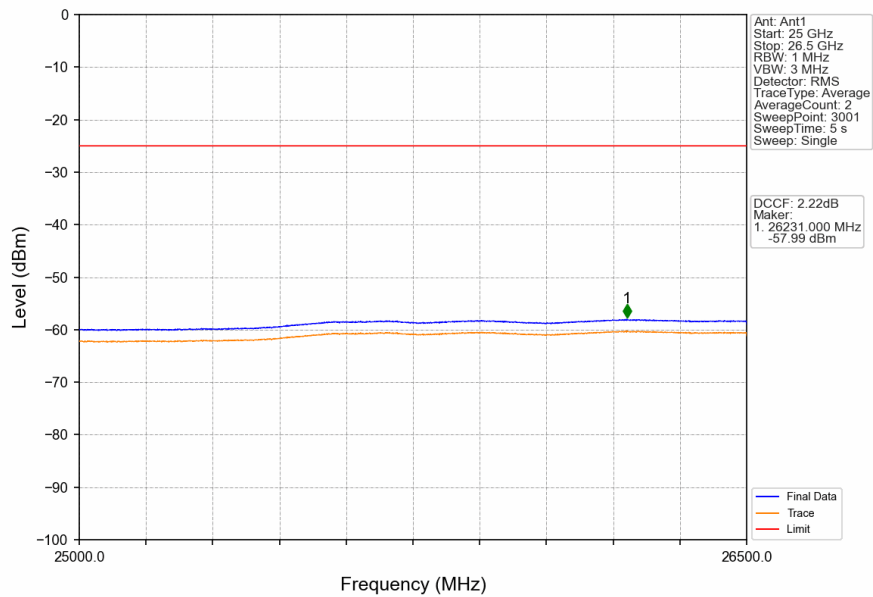
Band41_15MHz_16QAM_LCH_2542.5MHz_RB_1_0_NTNV



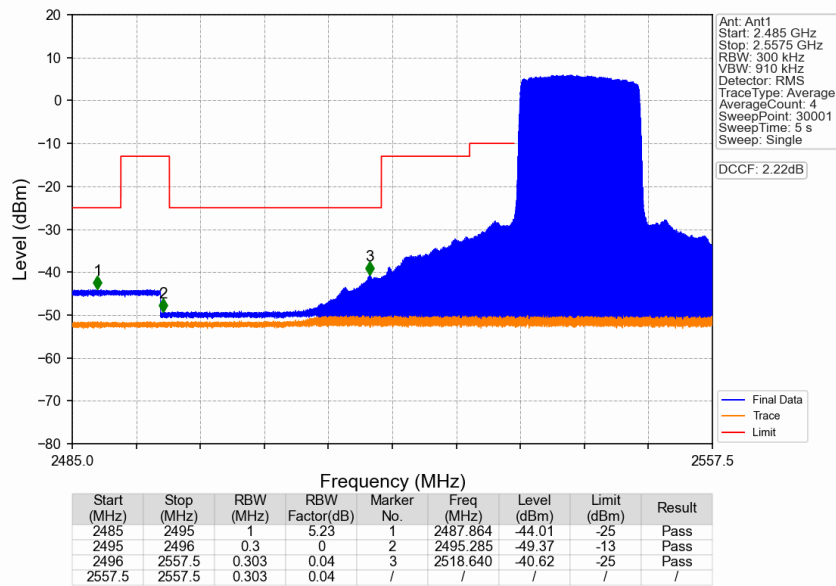
Band41_15MHz_16QAM_LCH_2542.5MHz_RB_1_0_NTNV



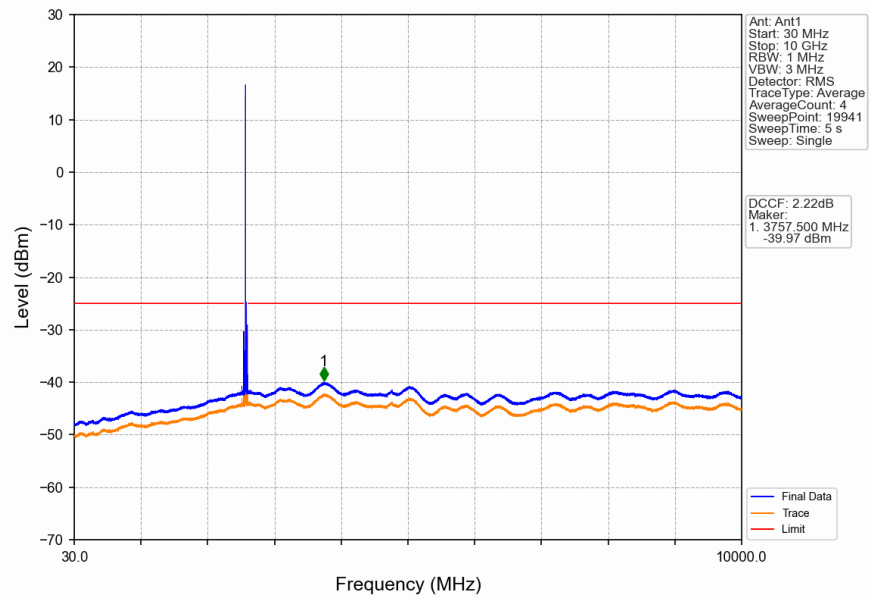
Band41_15MHz_16QAM_LCH_2542.5MHz_RB_1_0_NTNV



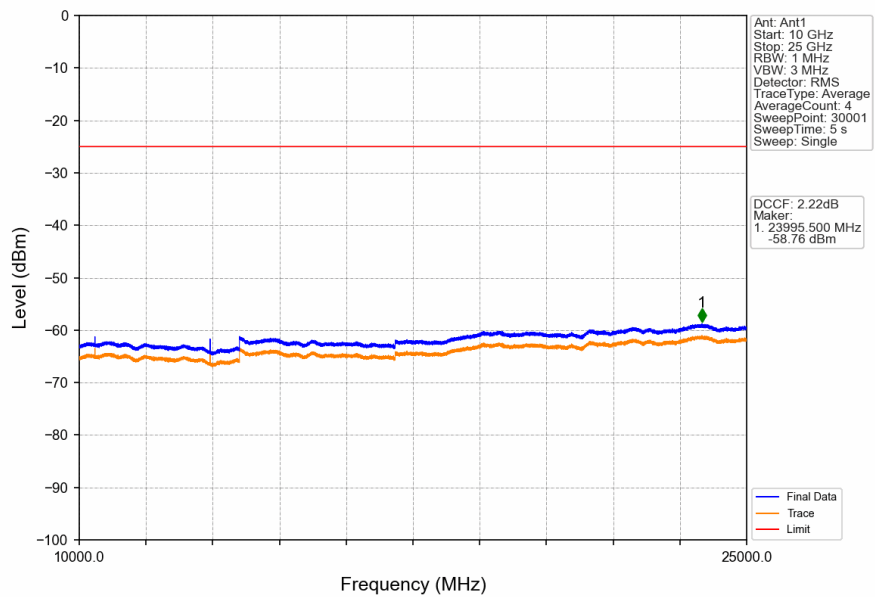
Band41_15MHz_16QAM_LCH_2542.5MHz_RB_75_0_NTNV



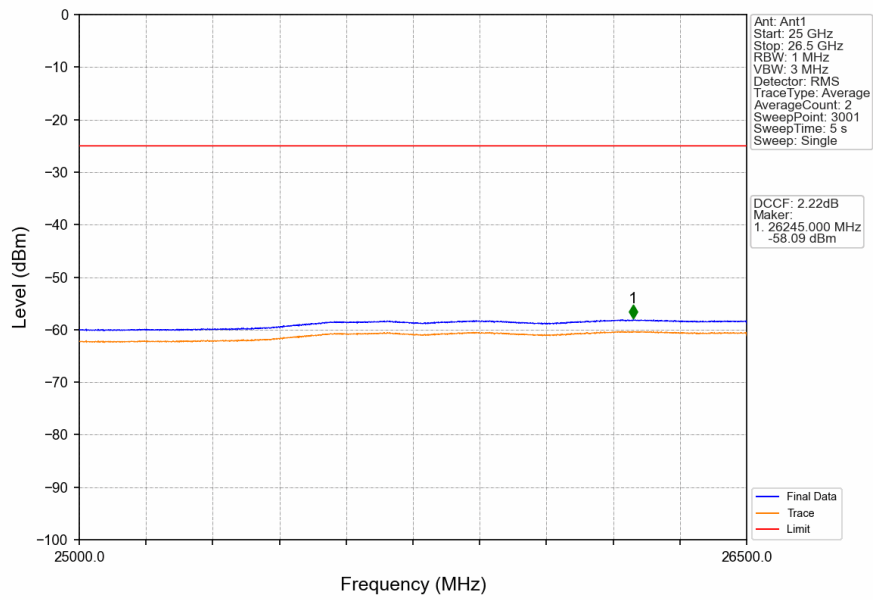
Band41_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



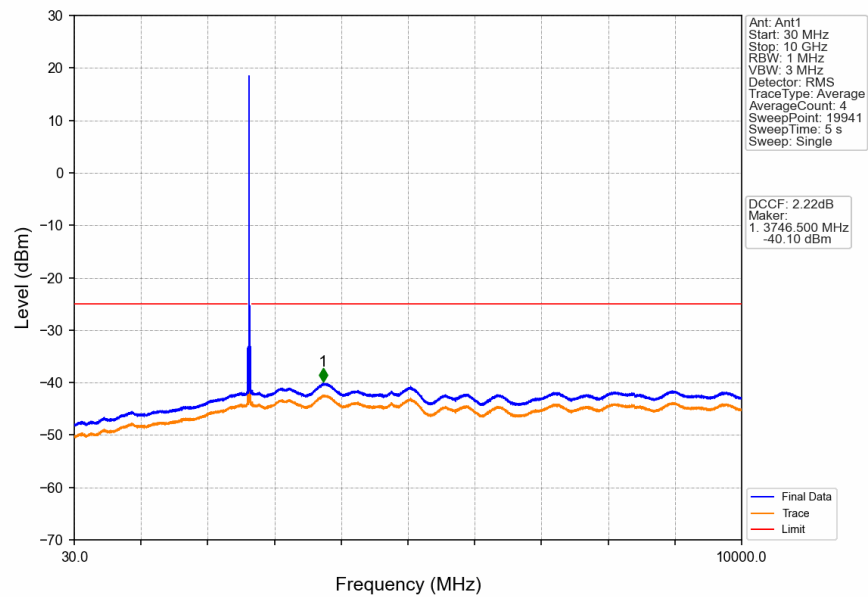
Band41_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



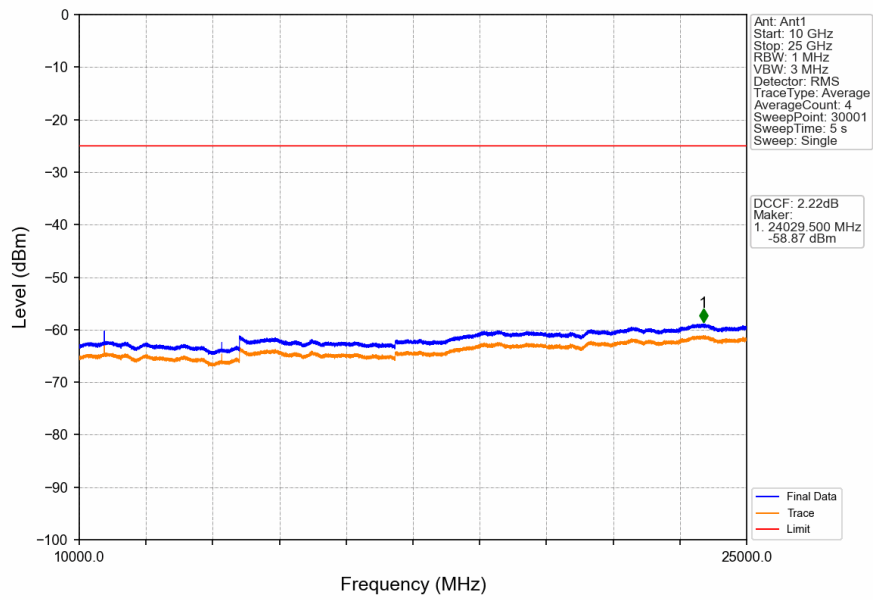
Band41_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



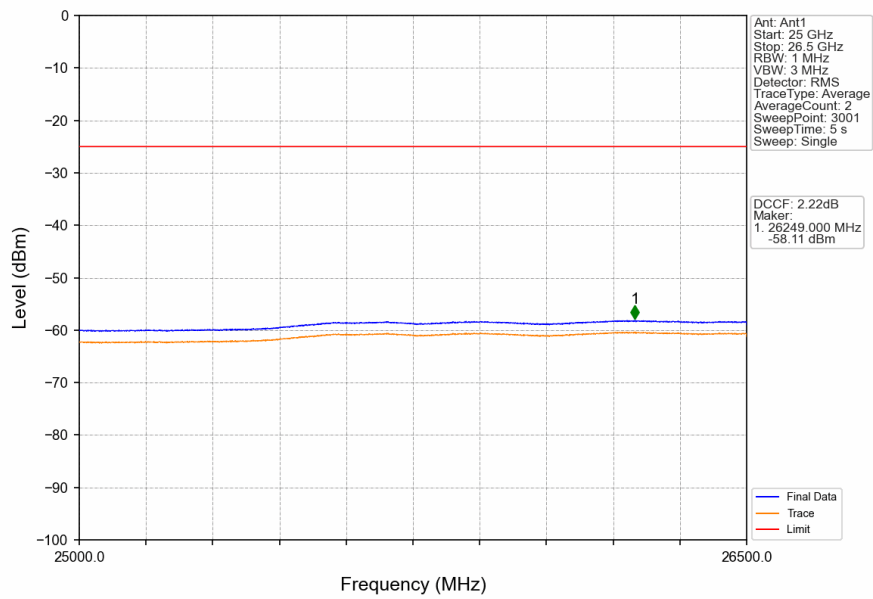
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_1_0_NTNV



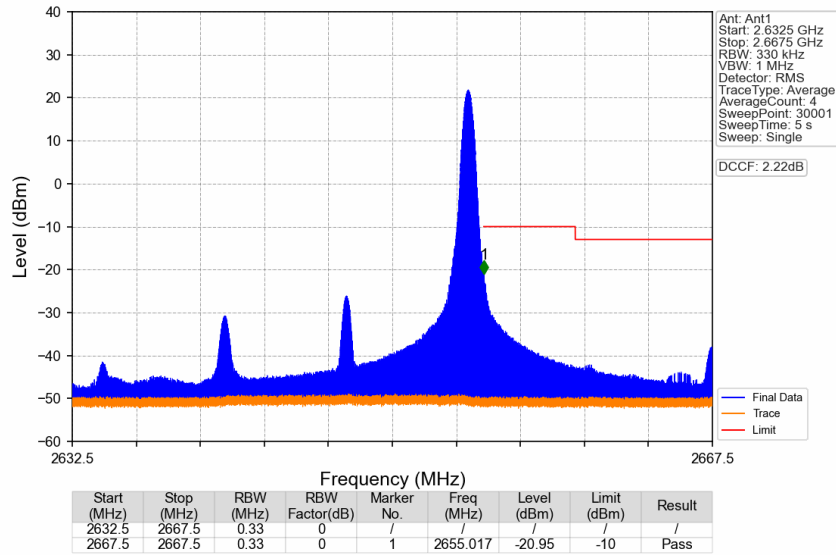
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_1_0_NTNV



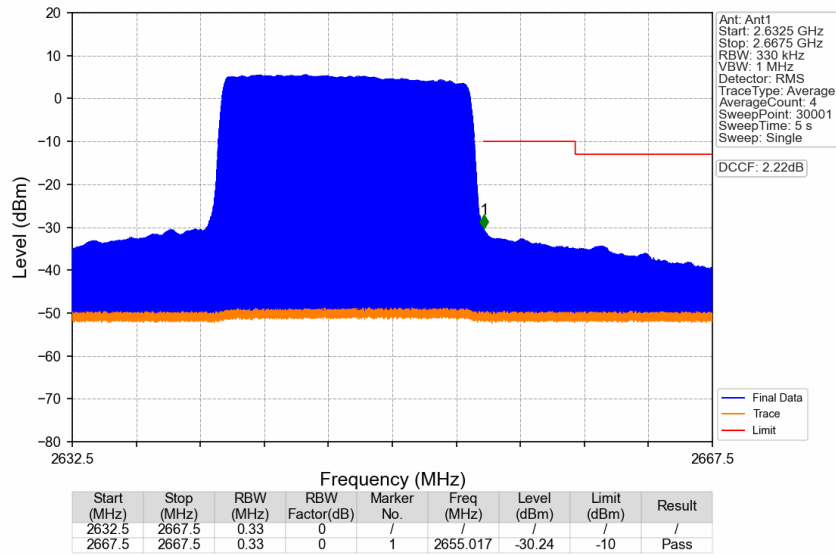
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_1_0_NTNV



Band41_15MHz_16QAM_HCH_2647.5MHz_RB_1_74_NTNV



Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV

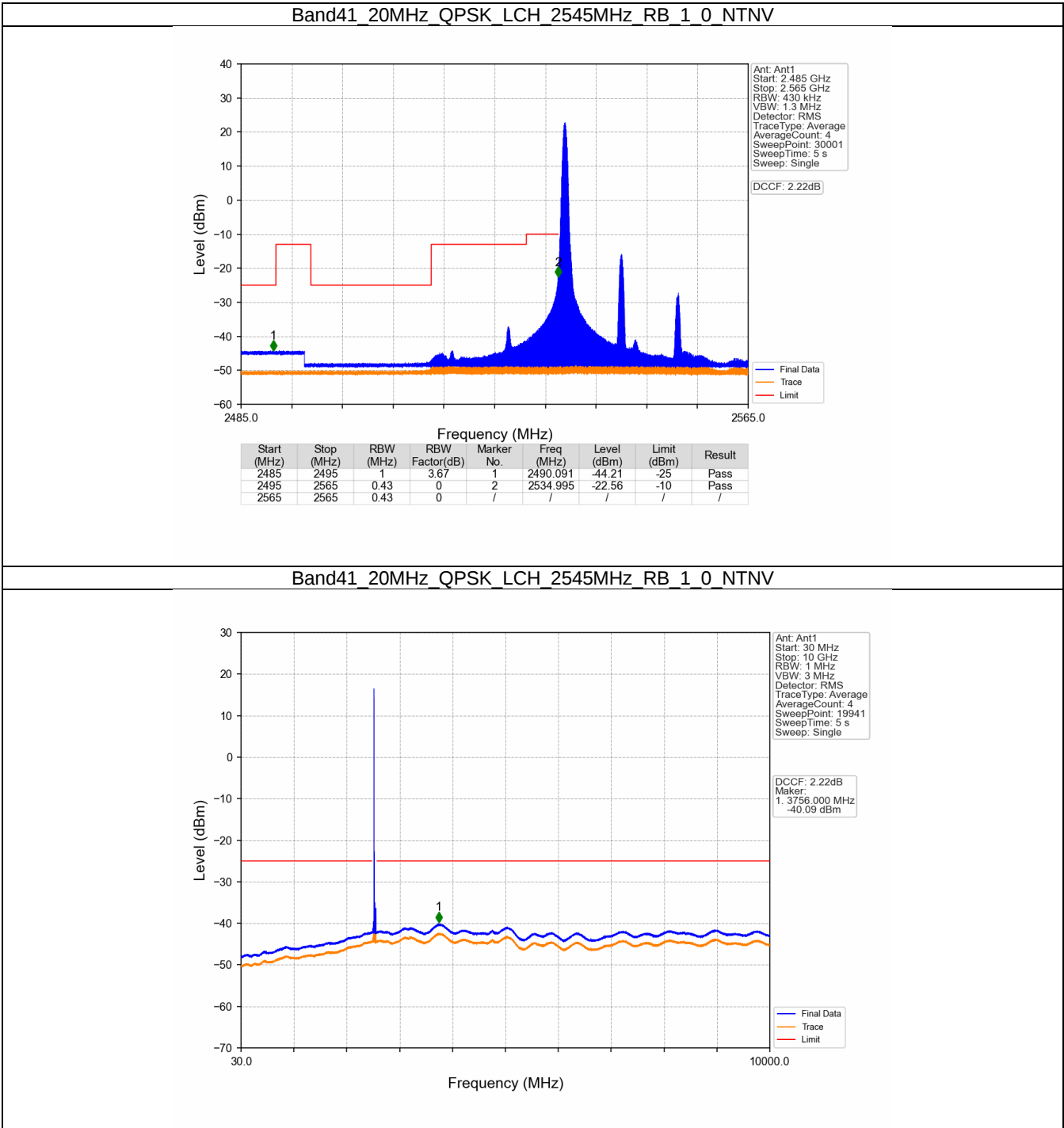


10.4 B41_20MHz

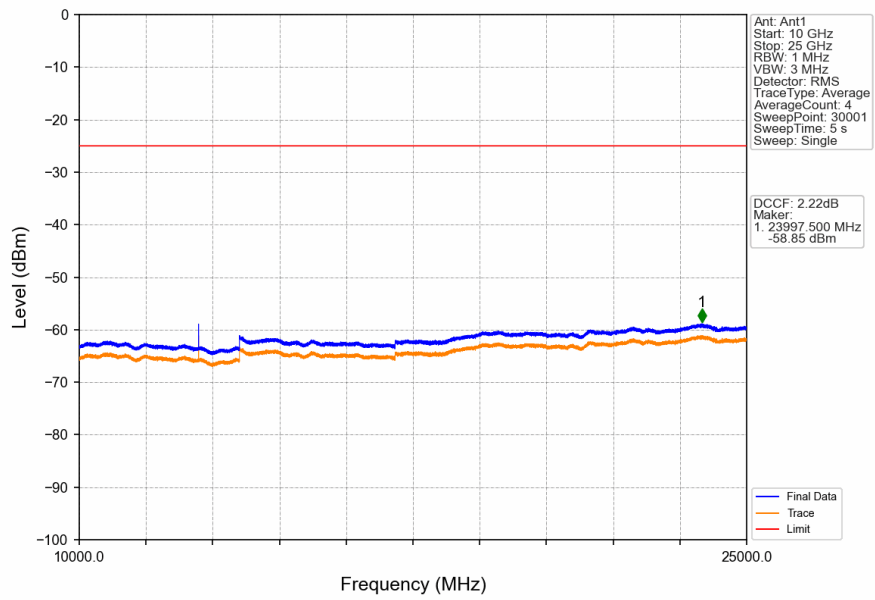
10.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2545	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2645	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2545	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2645	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

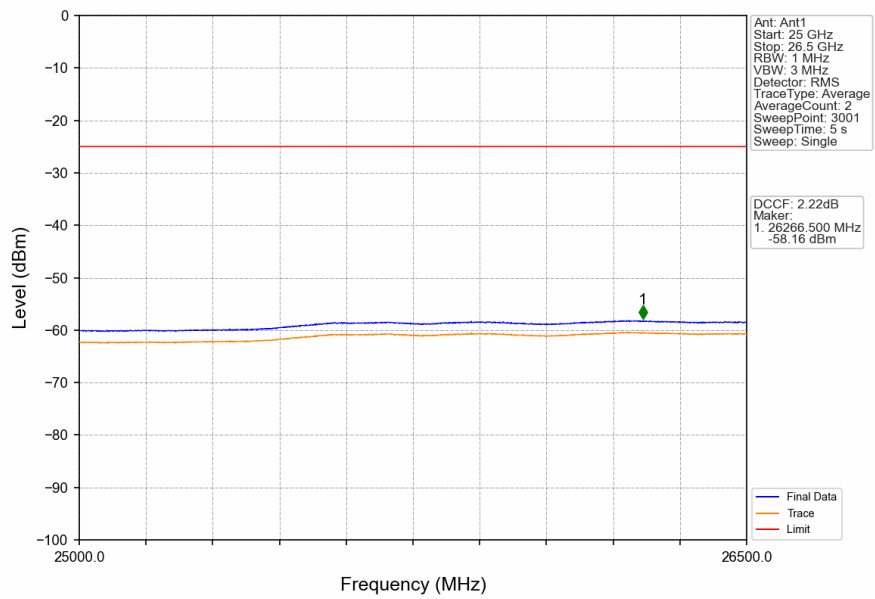
10.4.2 Test Graph



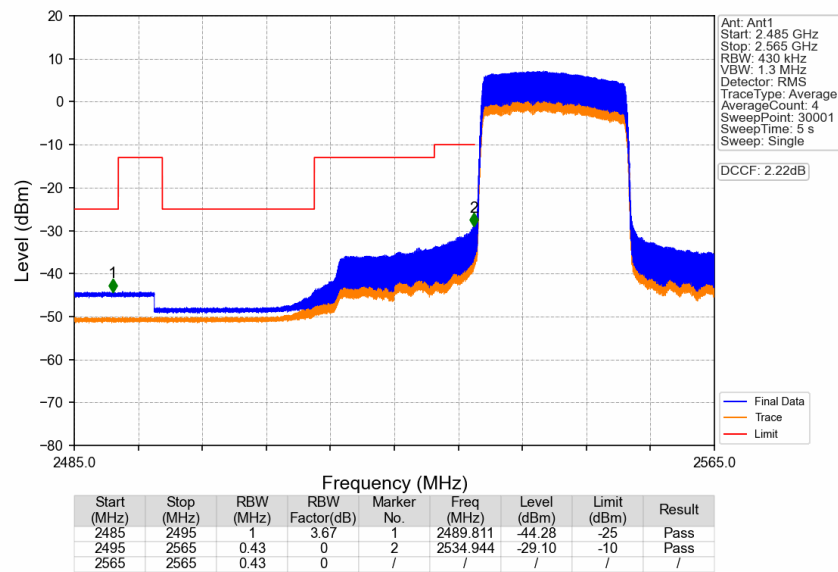
Band41_20MHz_QPSK_LCH_2545MHz_RB_1_0_NTNV



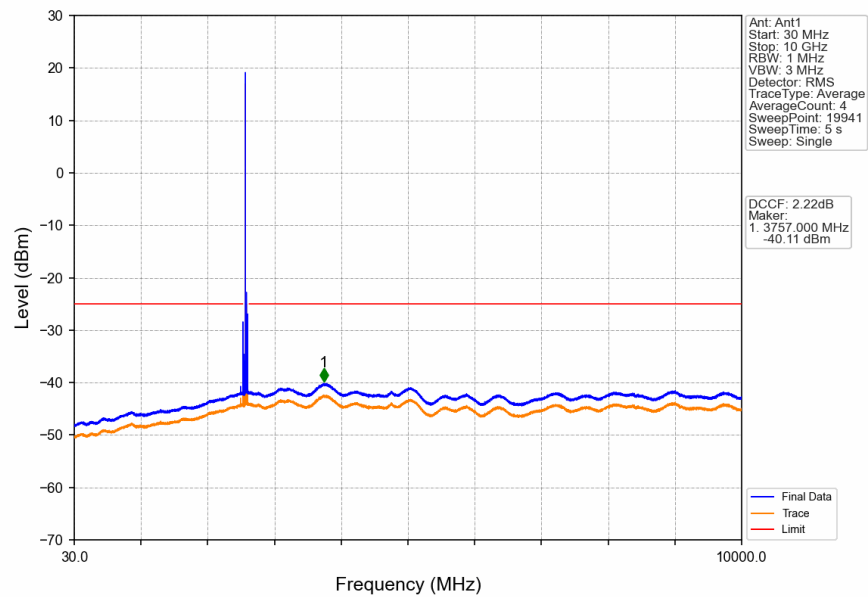
Band41_20MHz_QPSK_LCH_2545MHz_RB_1_0_NTNV



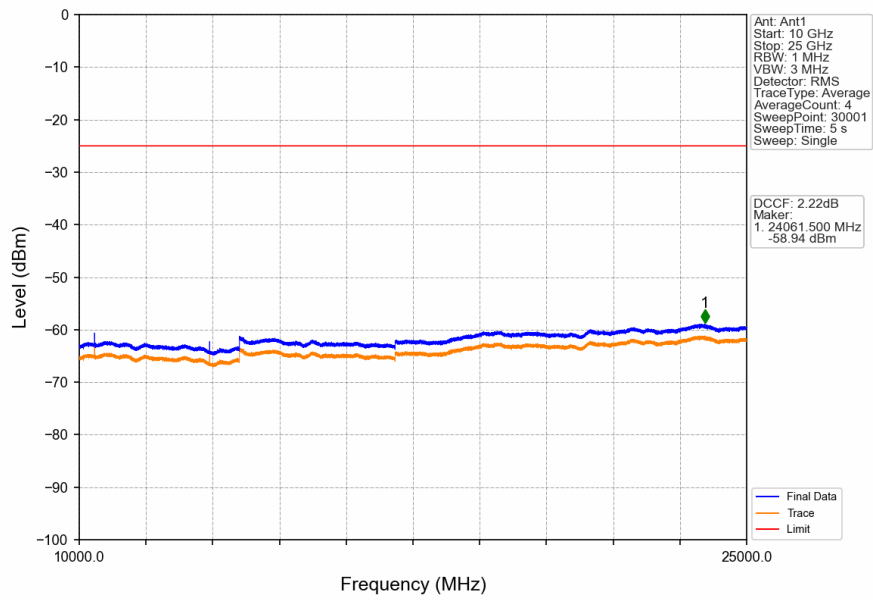
Band41_20MHz_QPSK_LCH_2545MHz_RB_100_0_NTNV



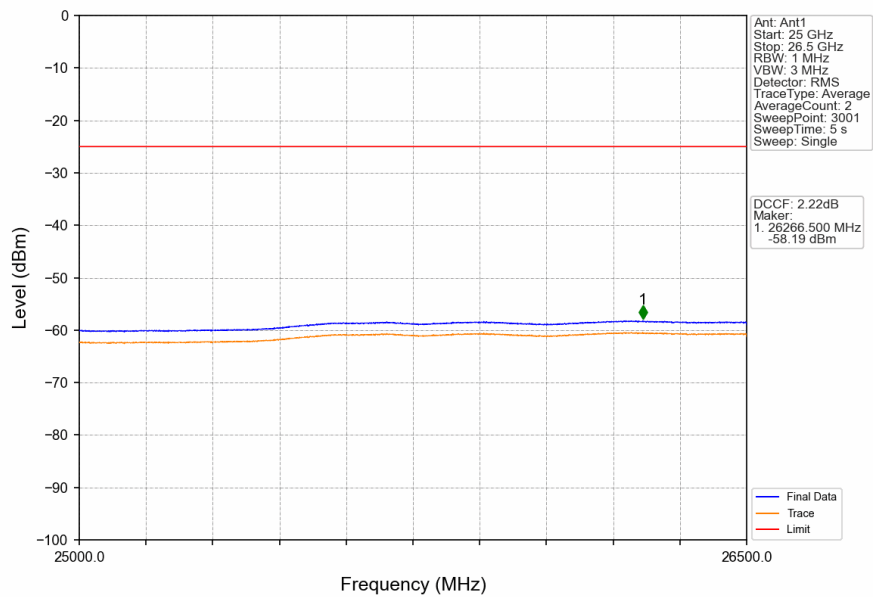
Band41_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



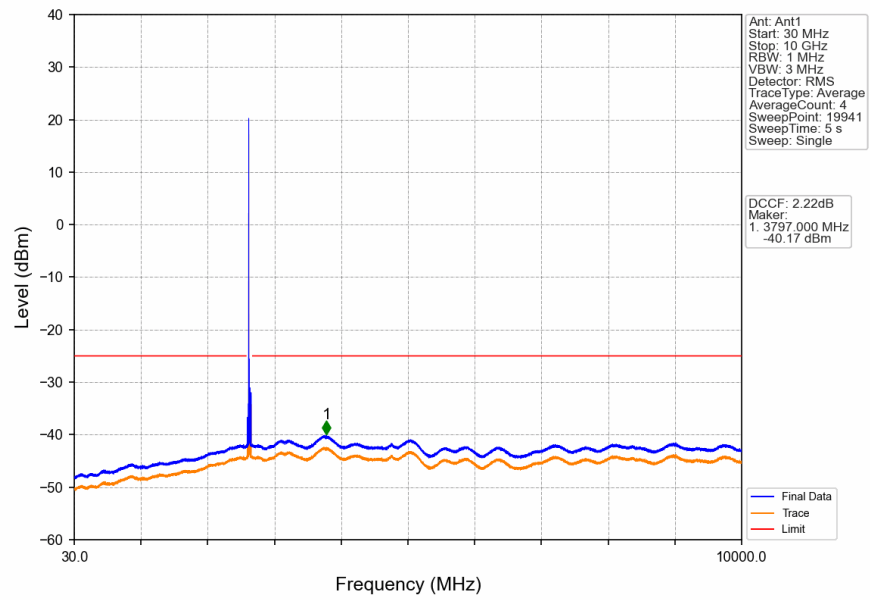
Band41_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



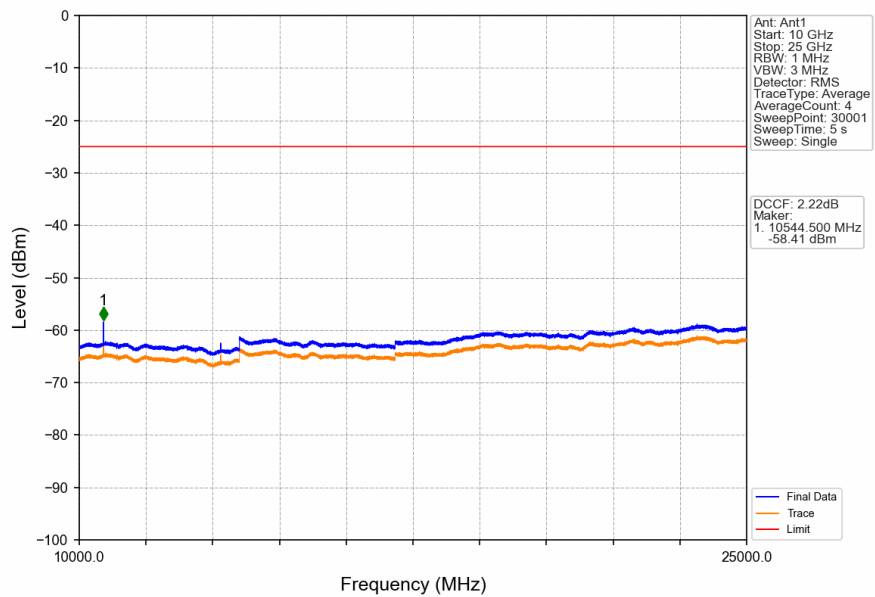
Band41_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



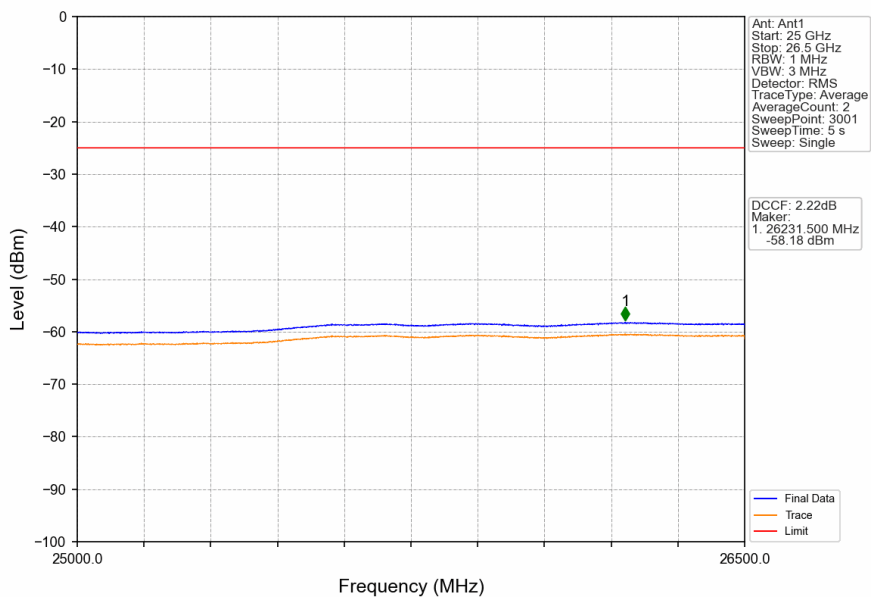
Band41_20MHz_QPSK_HCH_2645MHz_RB_1_0_NTNV



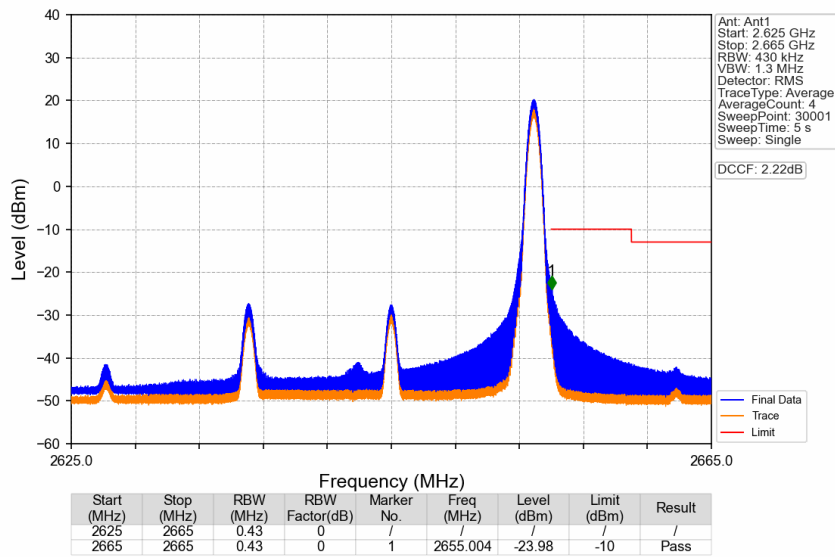
Band41_20MHz_QPSK_HCH_2645MHz_RB_1_0_NTNV



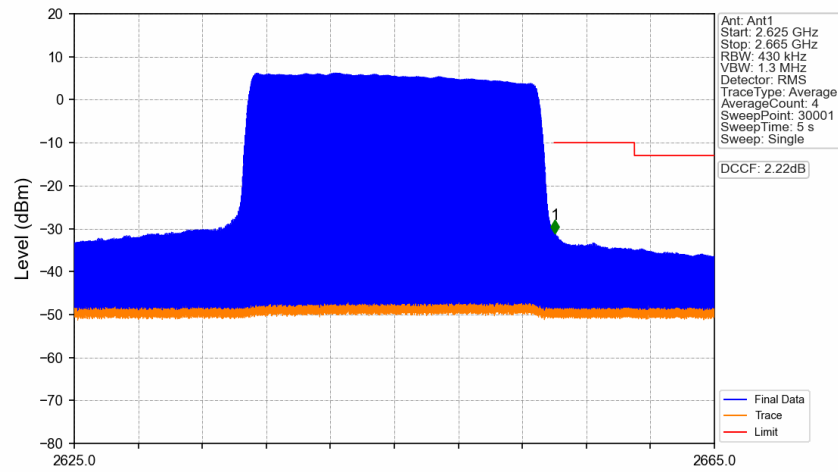
Band41_20MHz_QPSK_HCH_2645MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2645MHz_RB_1_99_NTNV

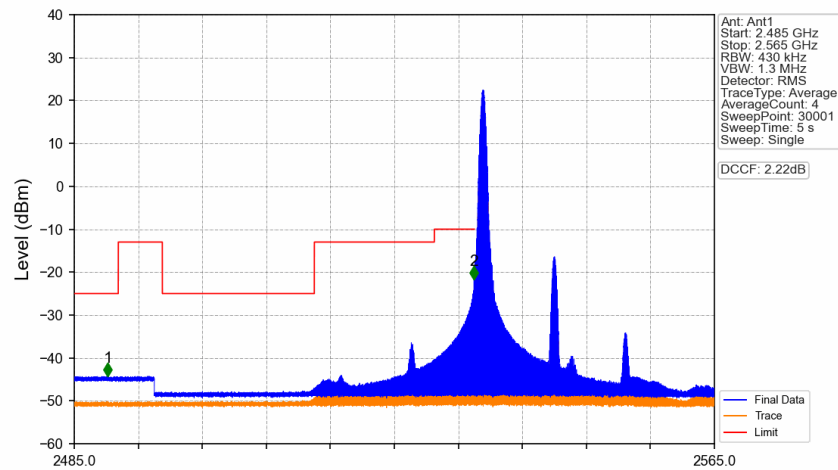


Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



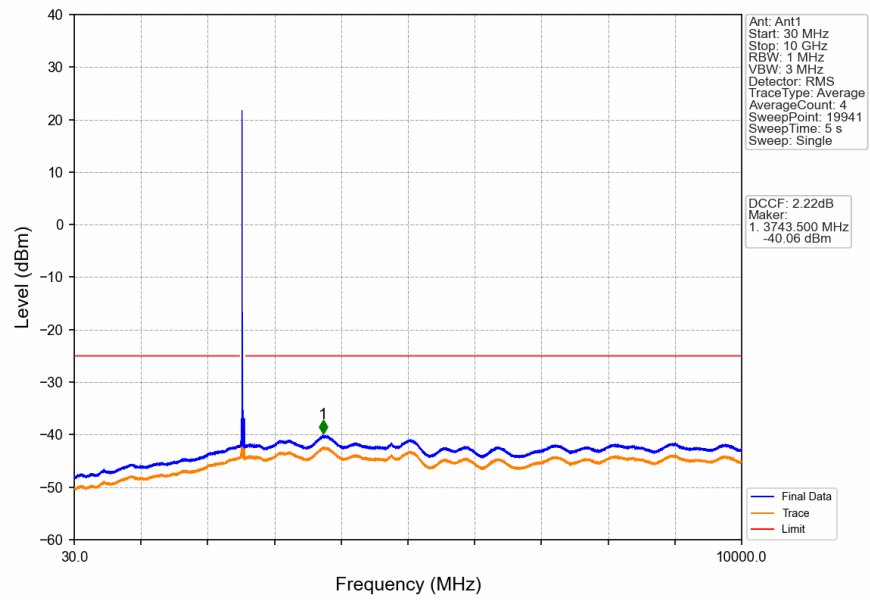
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2625	2665	0.43	0	/	/	/	/	/
2665	2665	0.43	0	1	2655.033	-31.16	-10	Pass

Band41_20MHz_16QAM_LCH_2545MHz_RB_1_0_NTNV

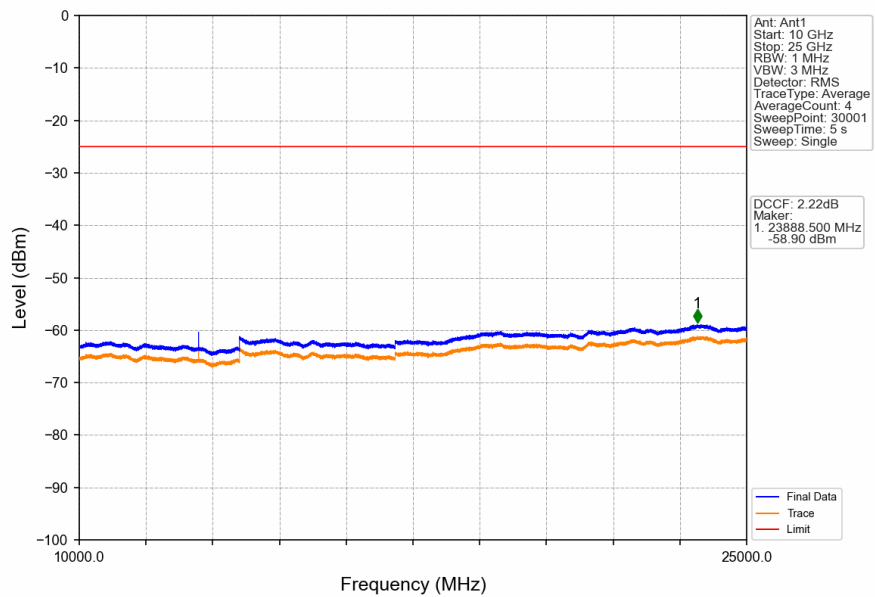


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	3.67	1	2489.168	-44.25	-25	Pass
2495	2565	0.43	0	2	2534.963	-21.75	-10	Pass
2565	2565	0.43	0	/	/	/	/	/

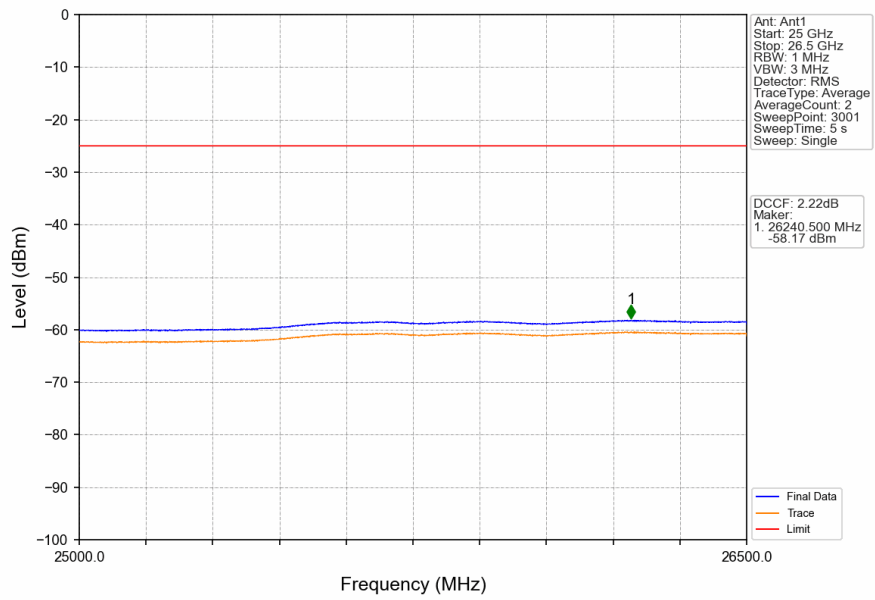
Band41_20MHz_16QAM_LCH_2545MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_LCH_2545MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_LCH_2545MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_LCH_2545MHz_RB_100_0_NTNV

