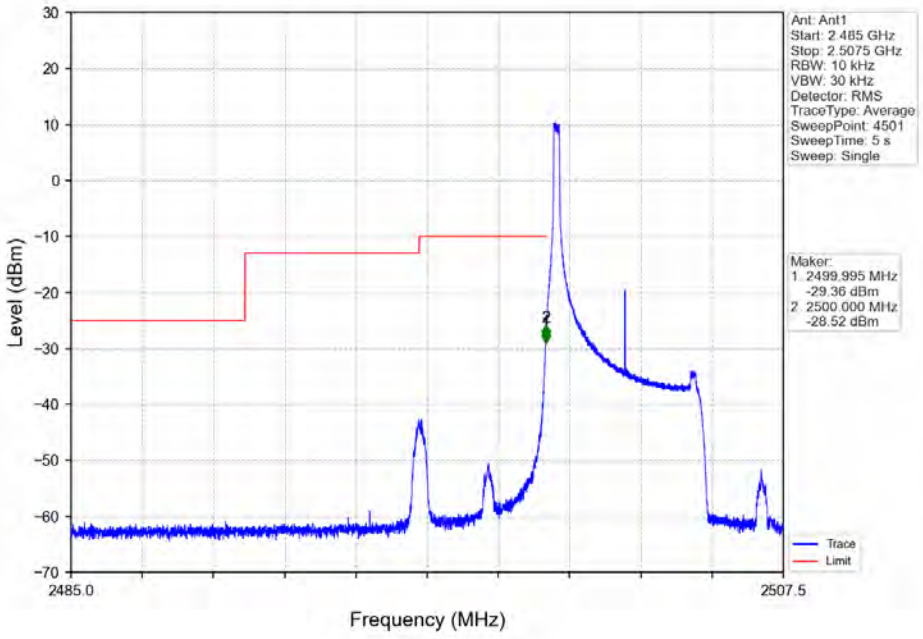
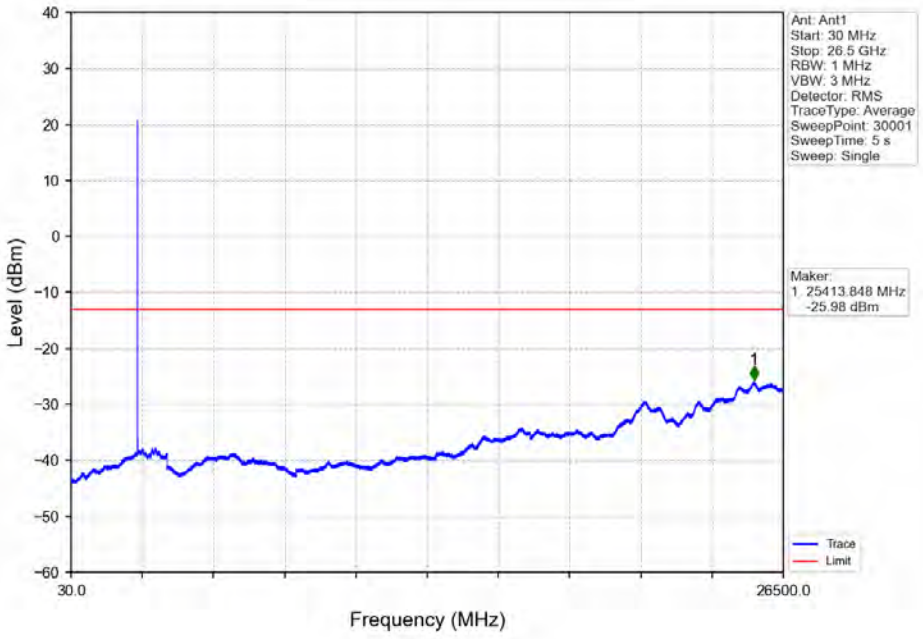
TEST GRAPH

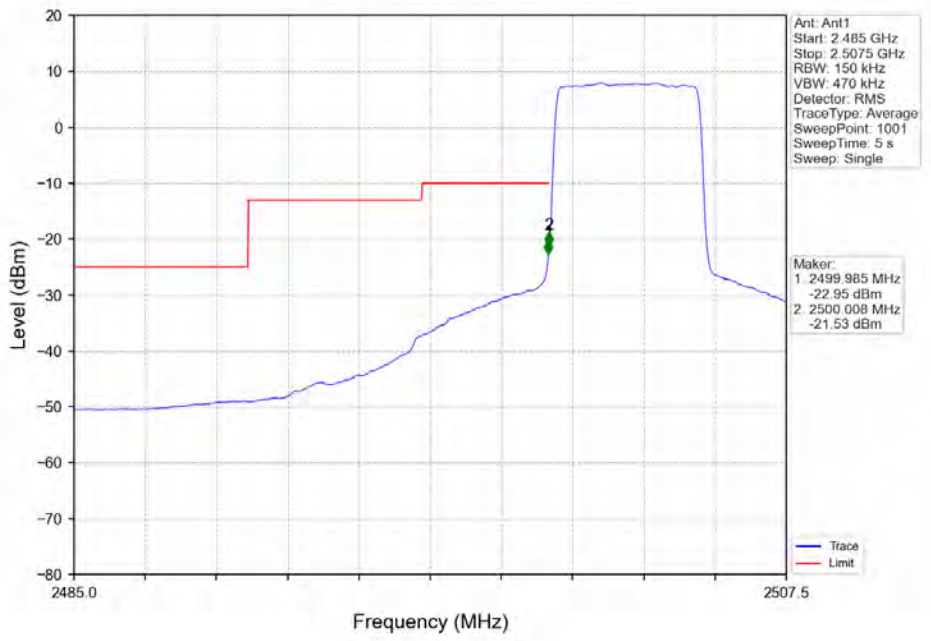
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



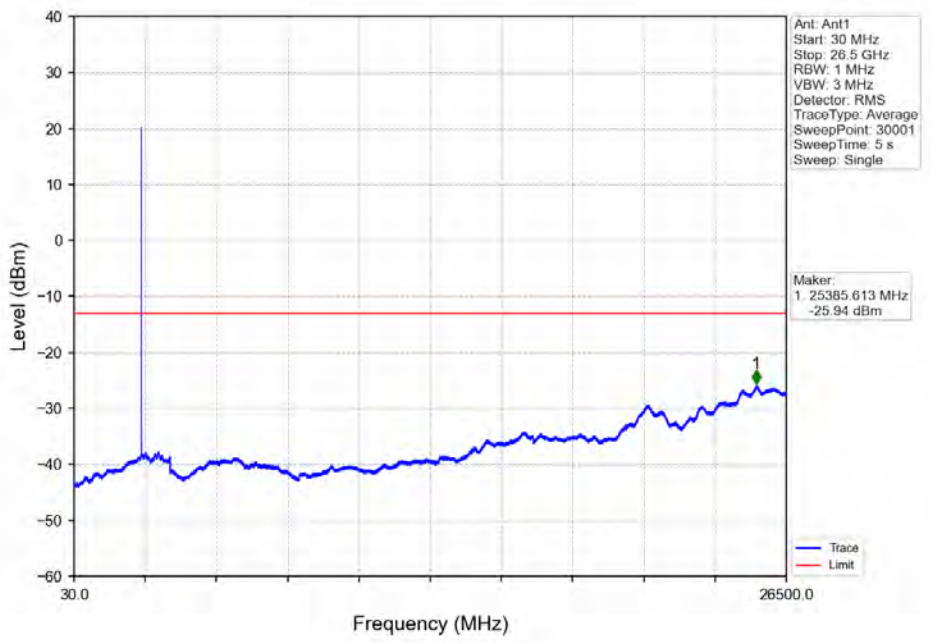
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



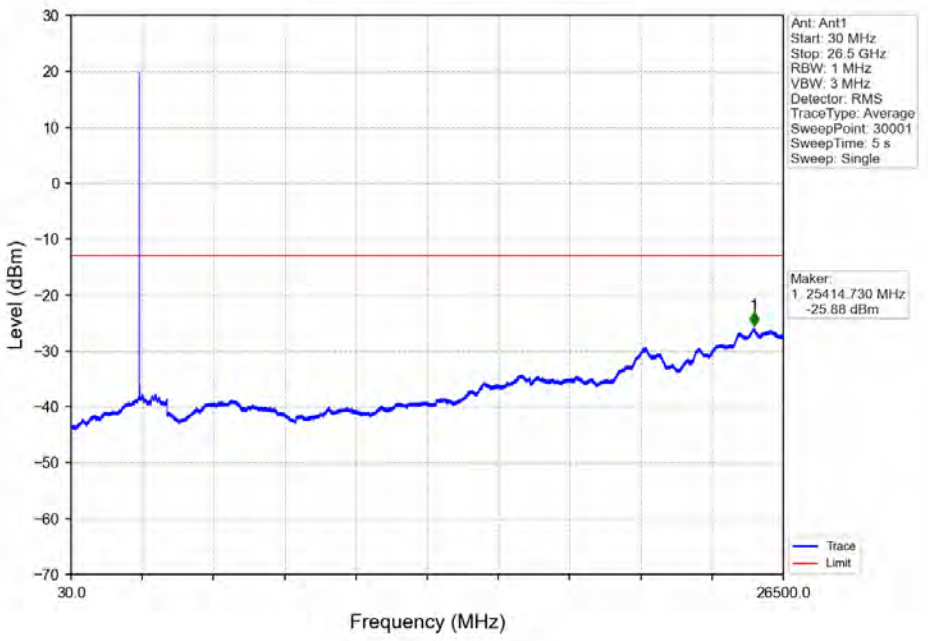
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



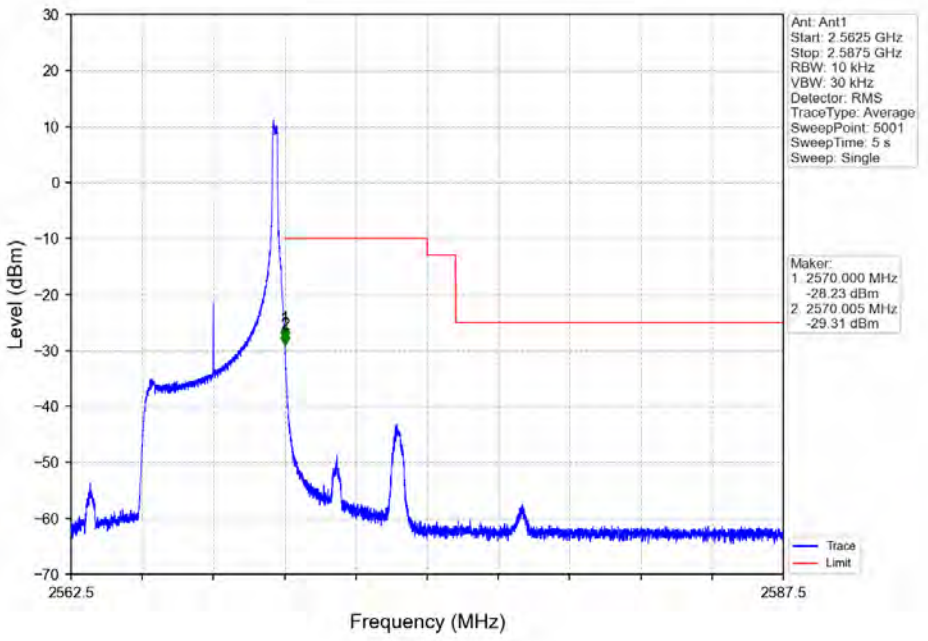
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



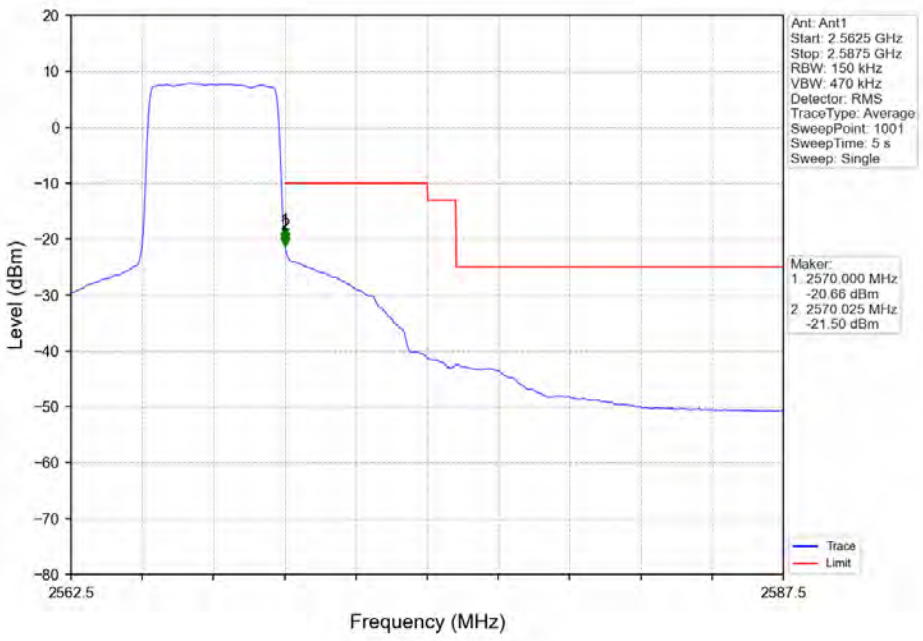
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



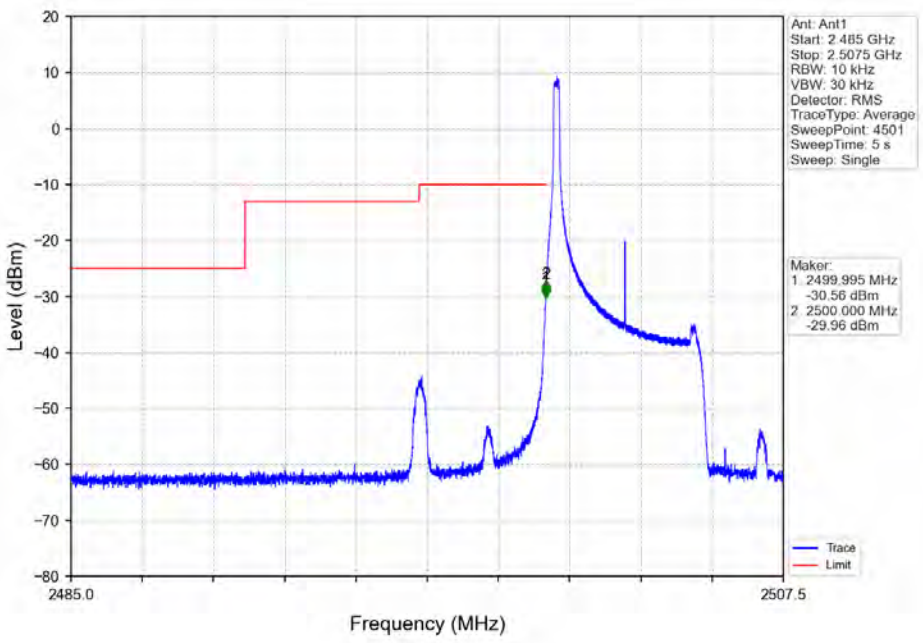
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



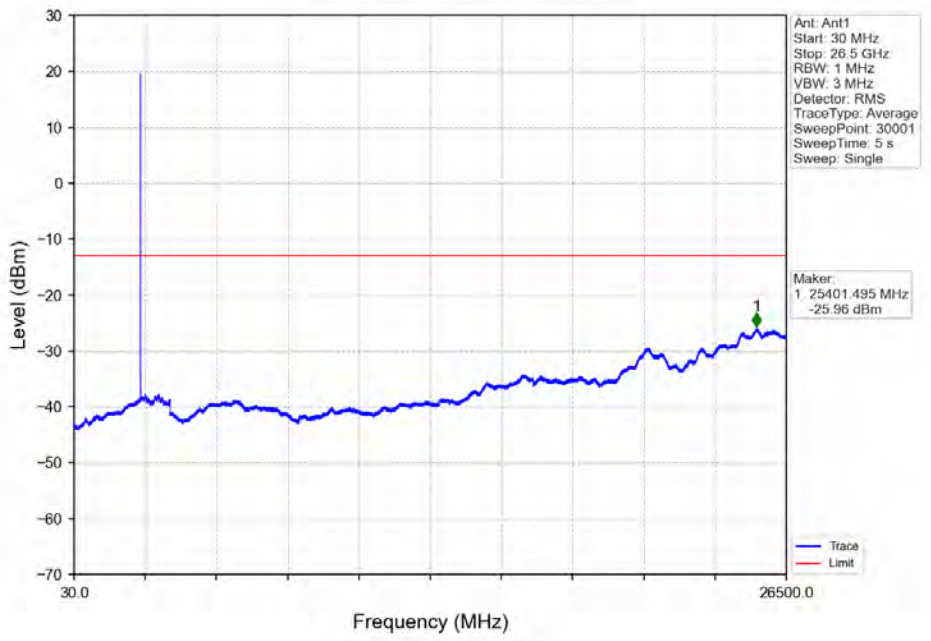
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



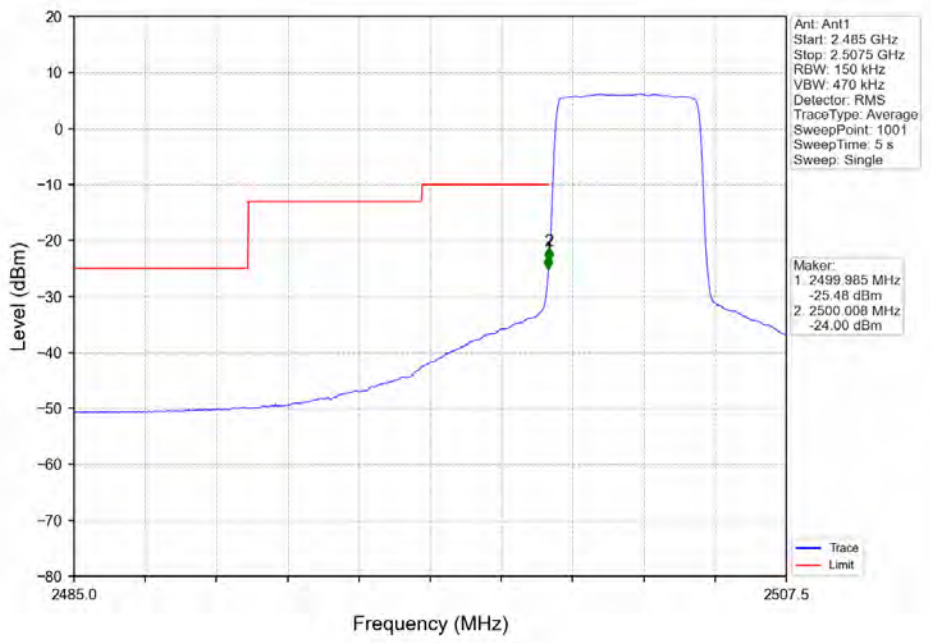
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



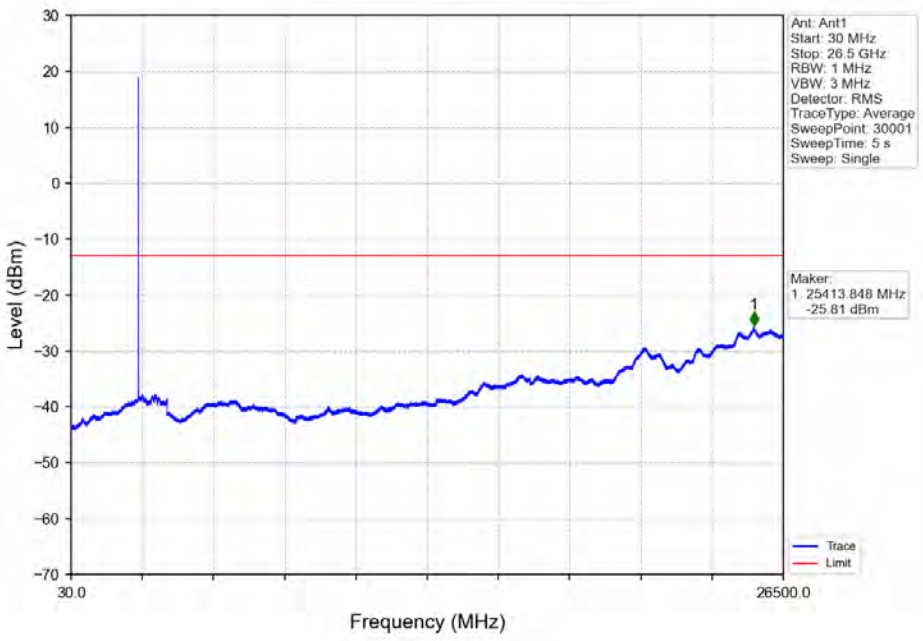
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



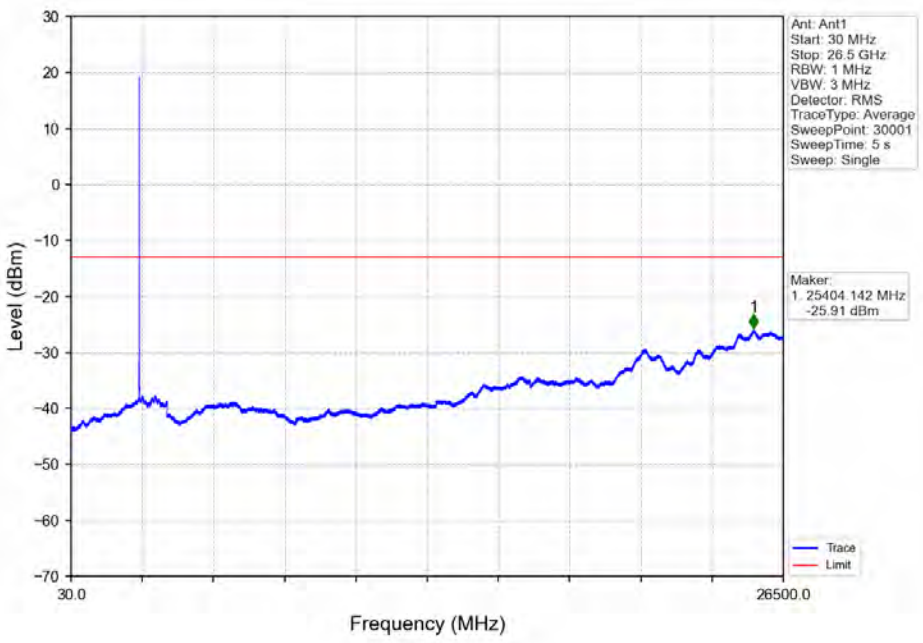
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



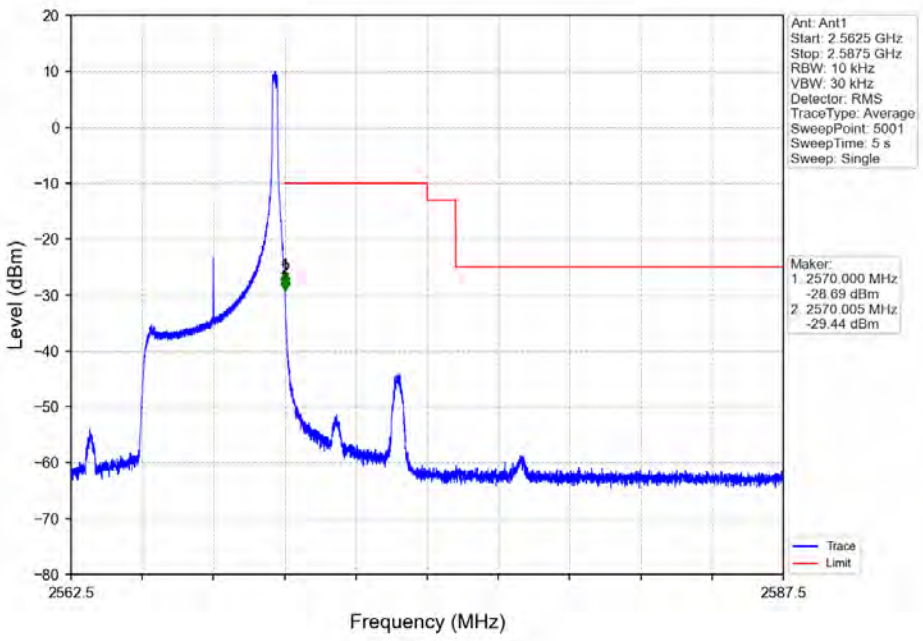
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



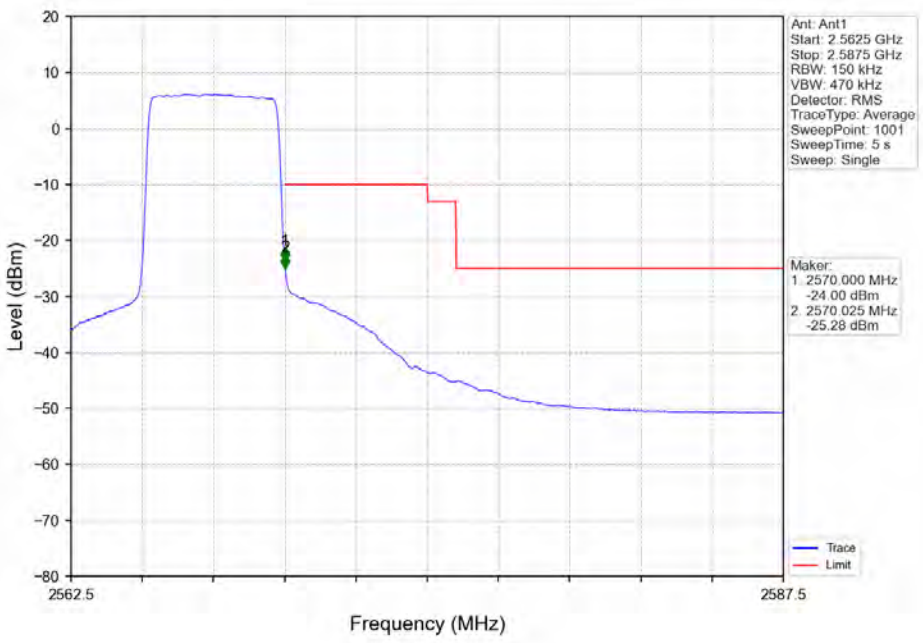
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



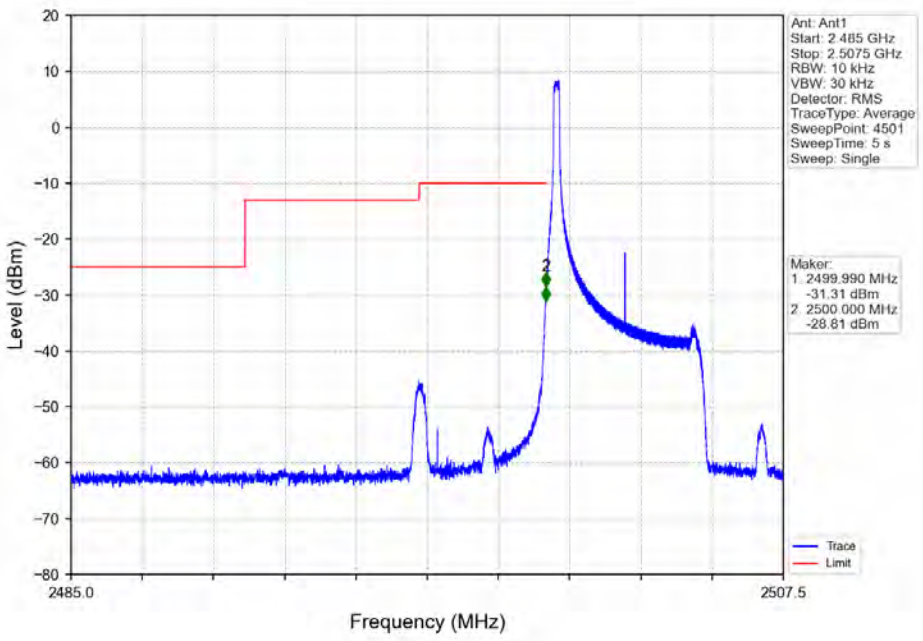
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_24_NTNV



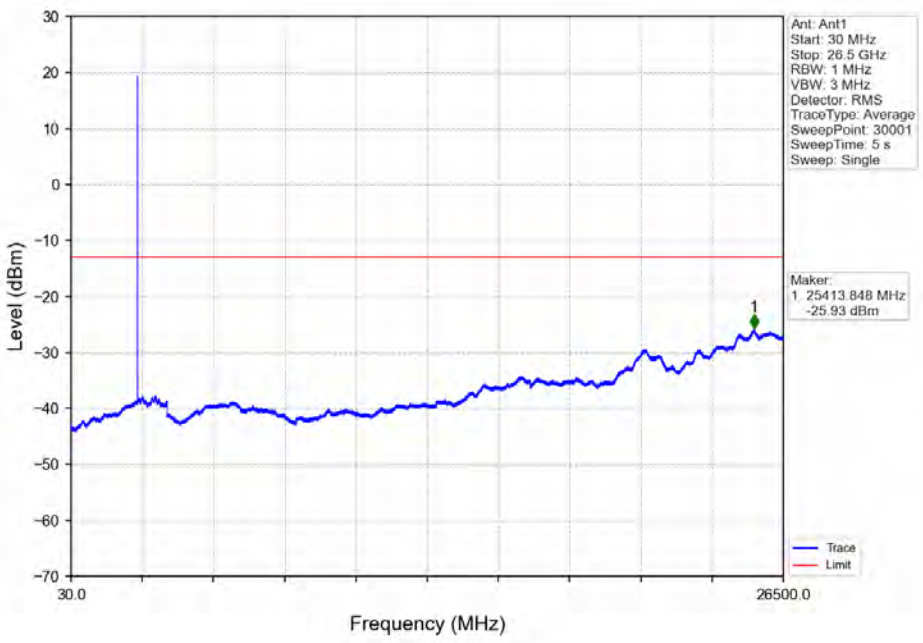
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



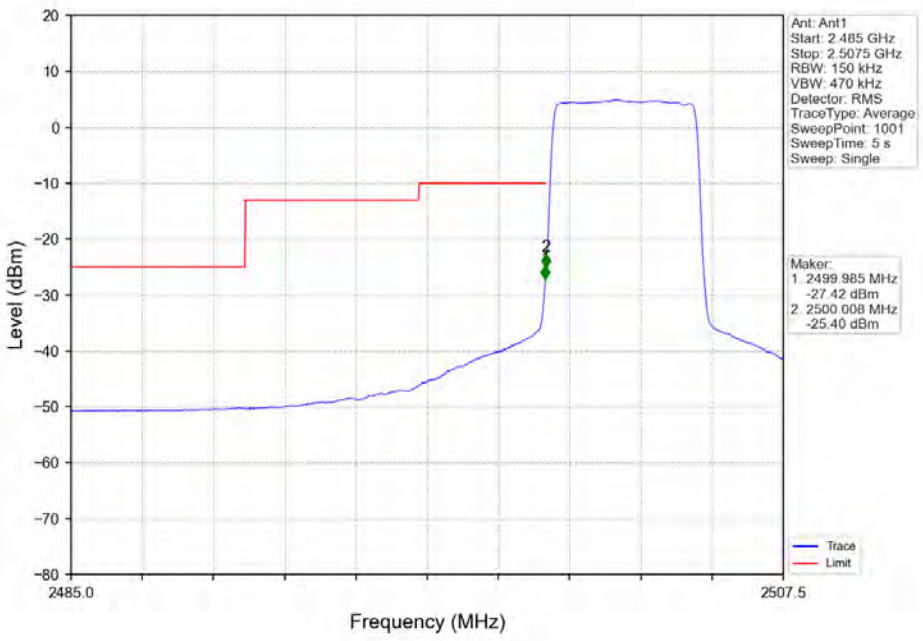
Band7_5MHz_64QAM_LCH_2502.5MHz_RB_1_0_NTNV



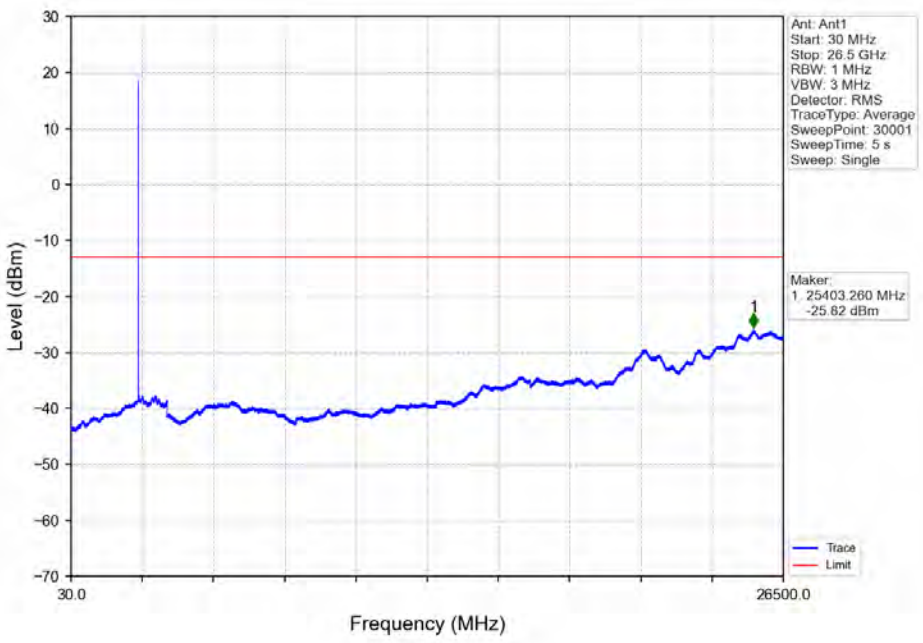
Band7_5MHz_64QAM_LCH_2502.5MHz_RB_1_0_NTNV



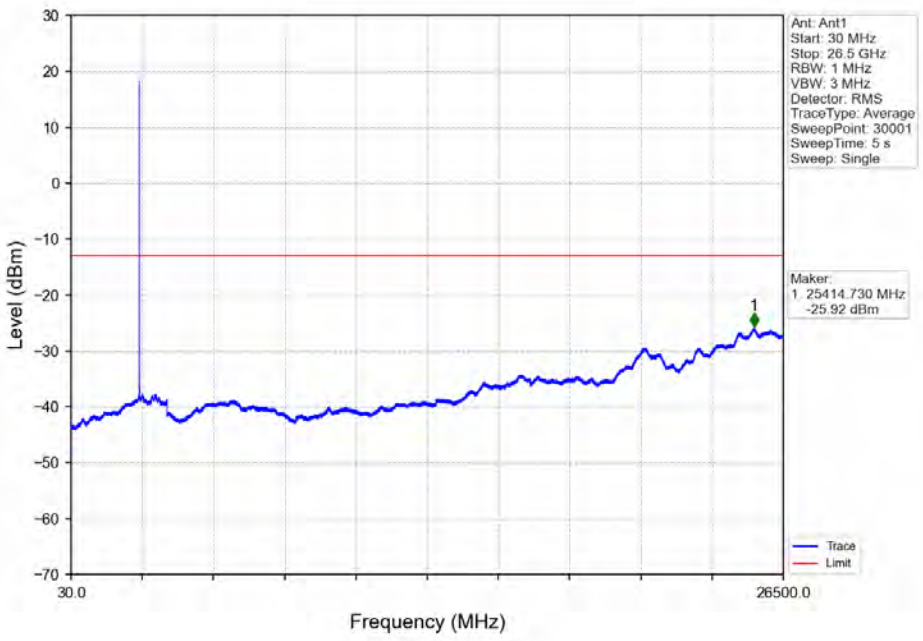
Band7_5MHz_64QAM_LCH_2502.5MHz_RB_25_0_NTNV



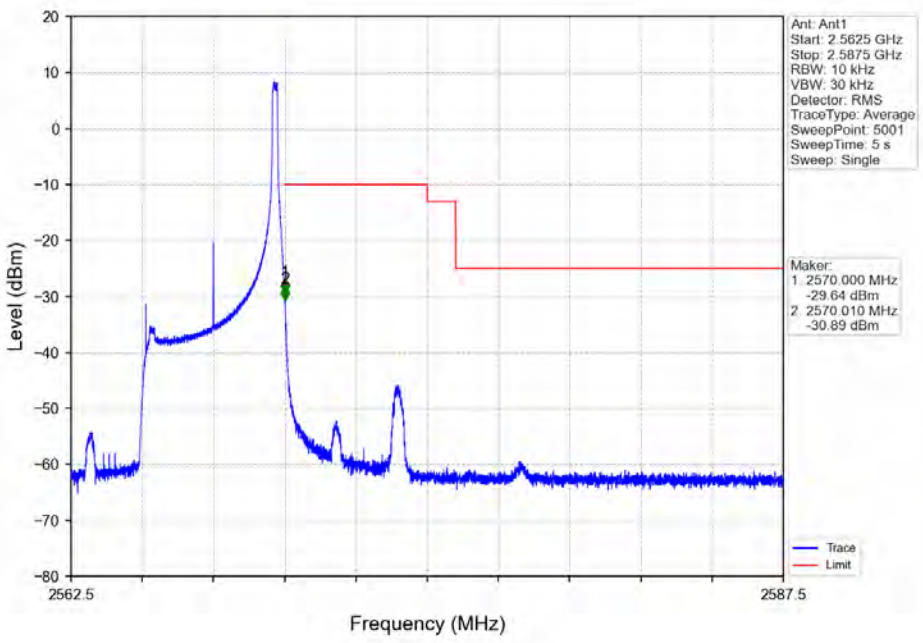
Band7_5MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV

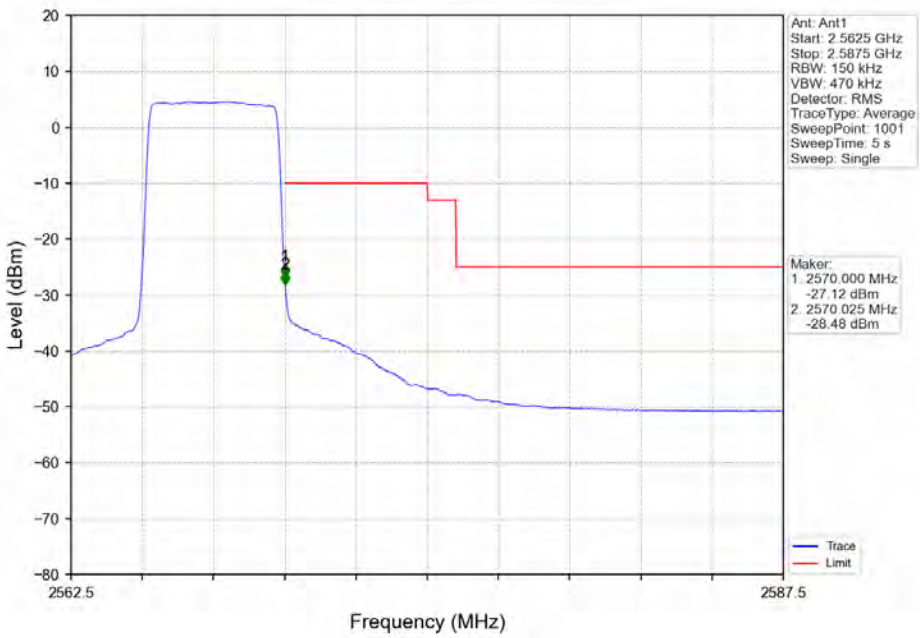


Band7_5MHz_64QAM_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_64QAM_HCH_2567.5MHz_RB_1_24_NTNV



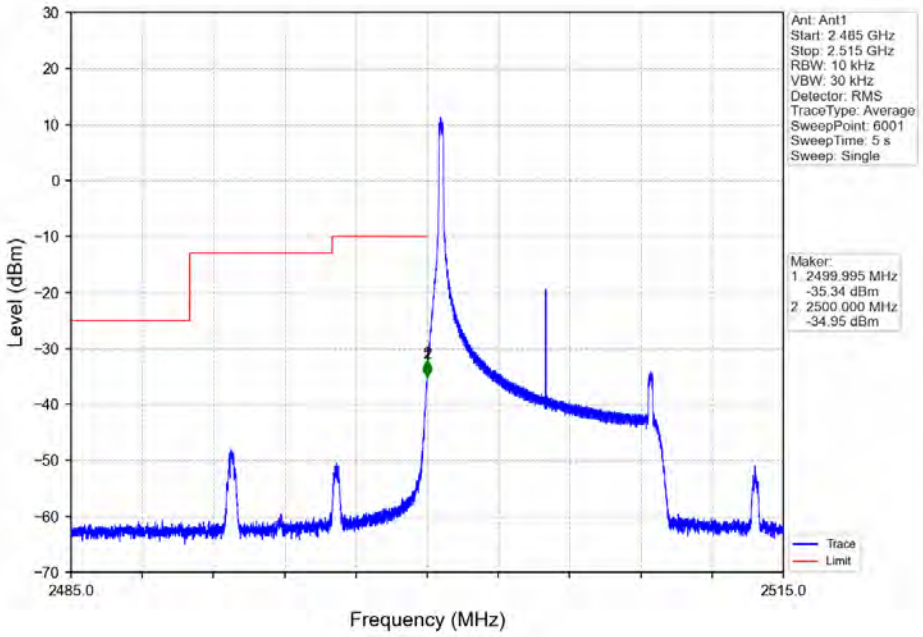
Band7_5MHz_64QAM_HCH_2567.5MHz_RB_25_0_NTNV


B7_10MHZ TEST RESULT

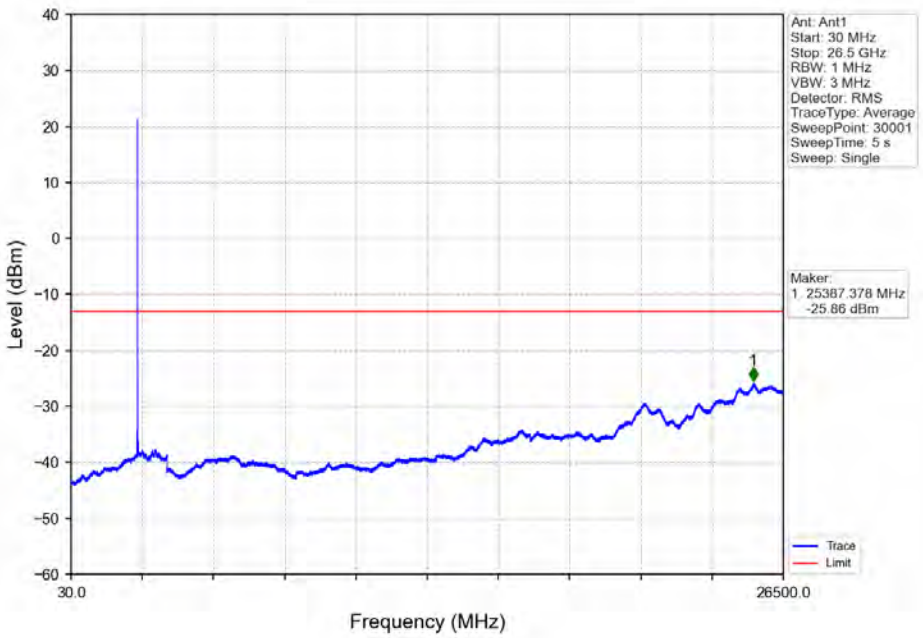
Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	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	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
64QAM	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	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

TEST GRAPH

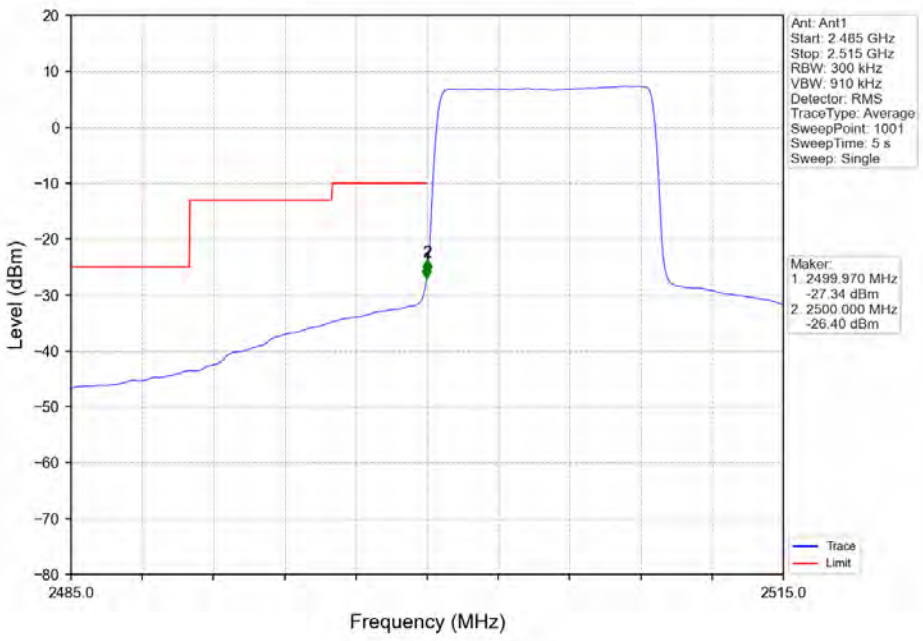
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



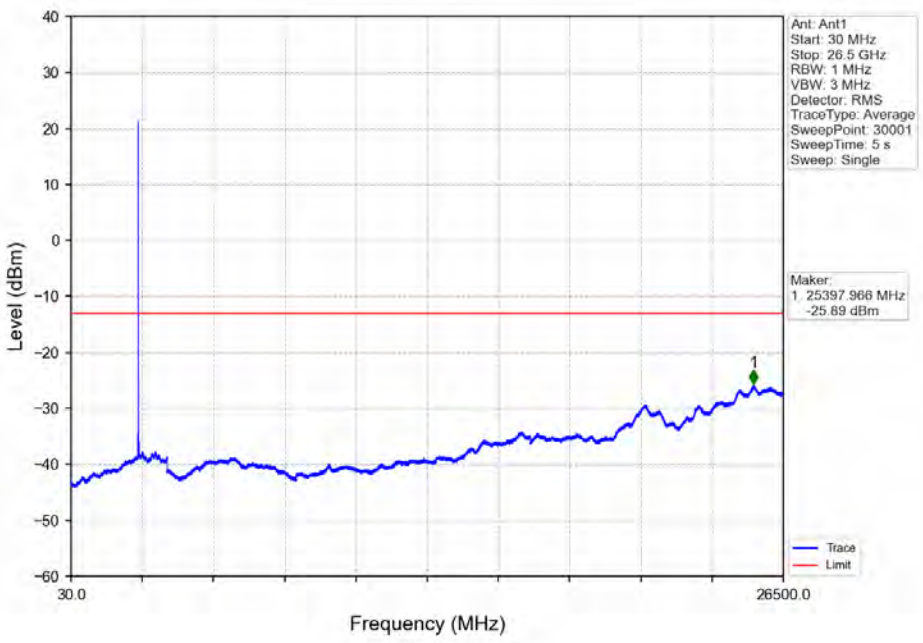
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



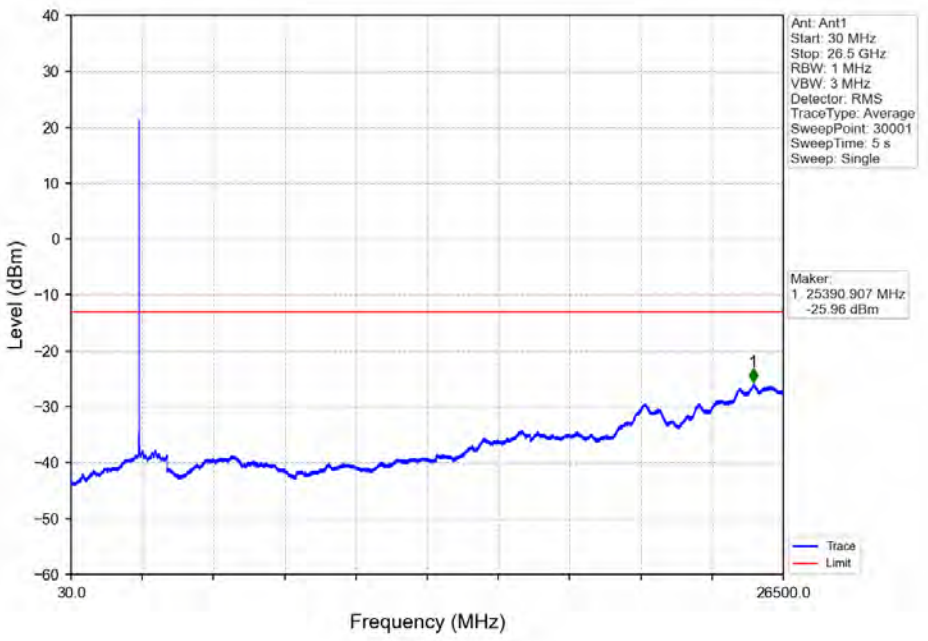
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



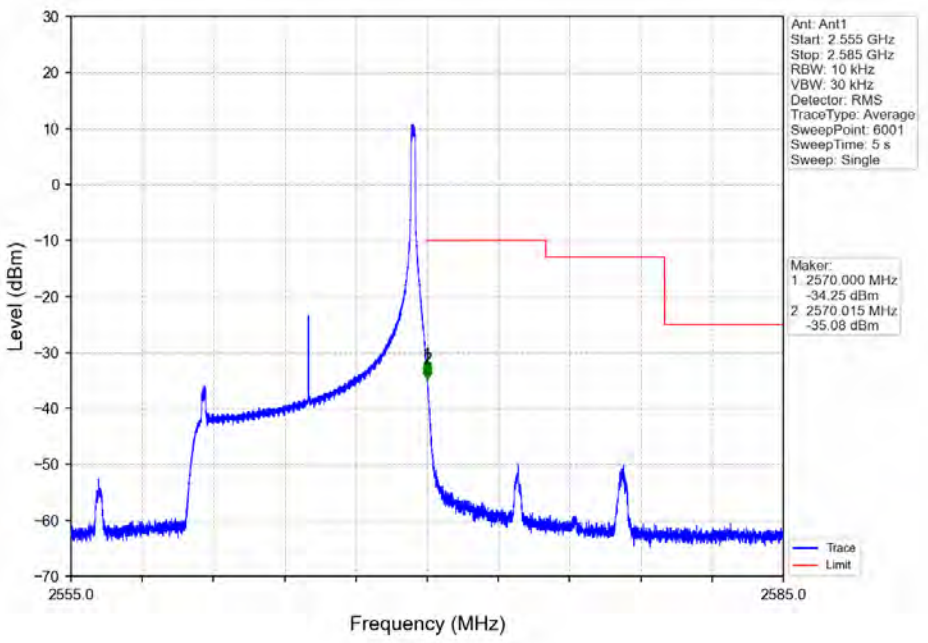
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



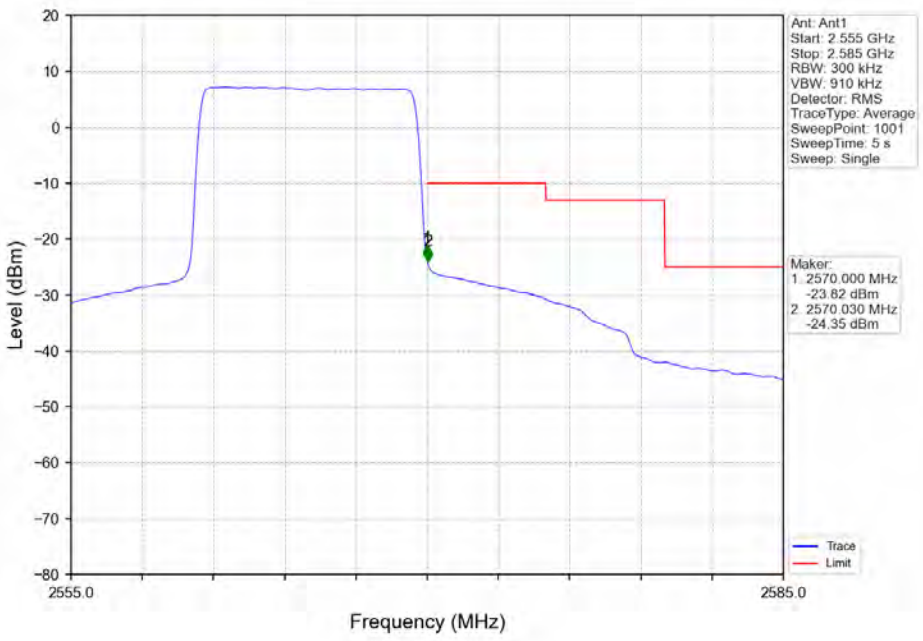
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



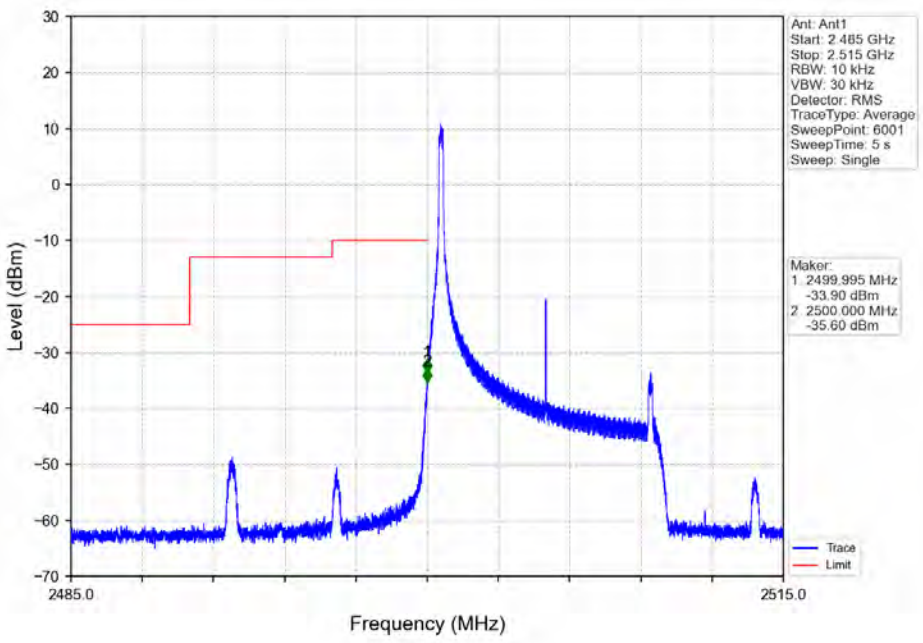
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



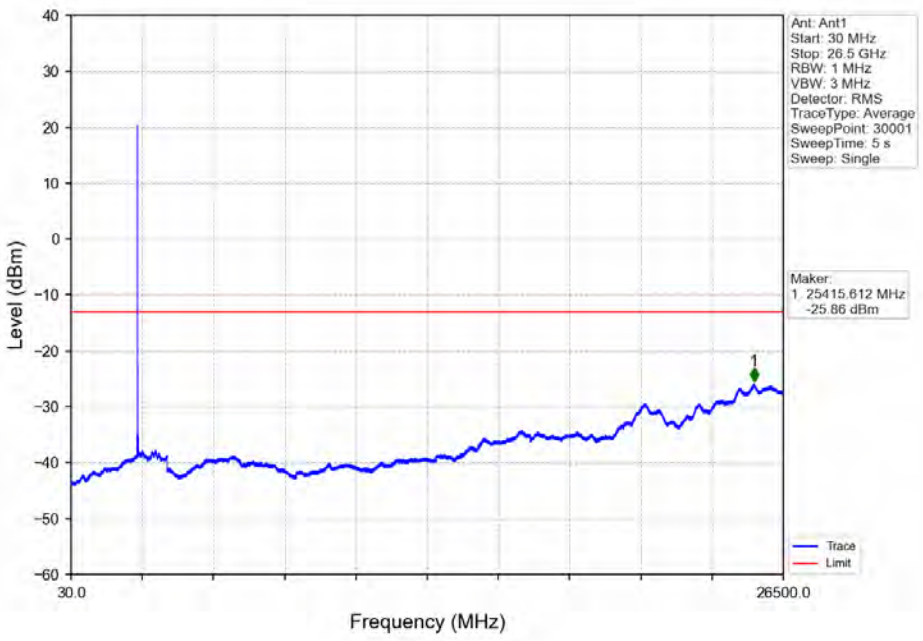
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



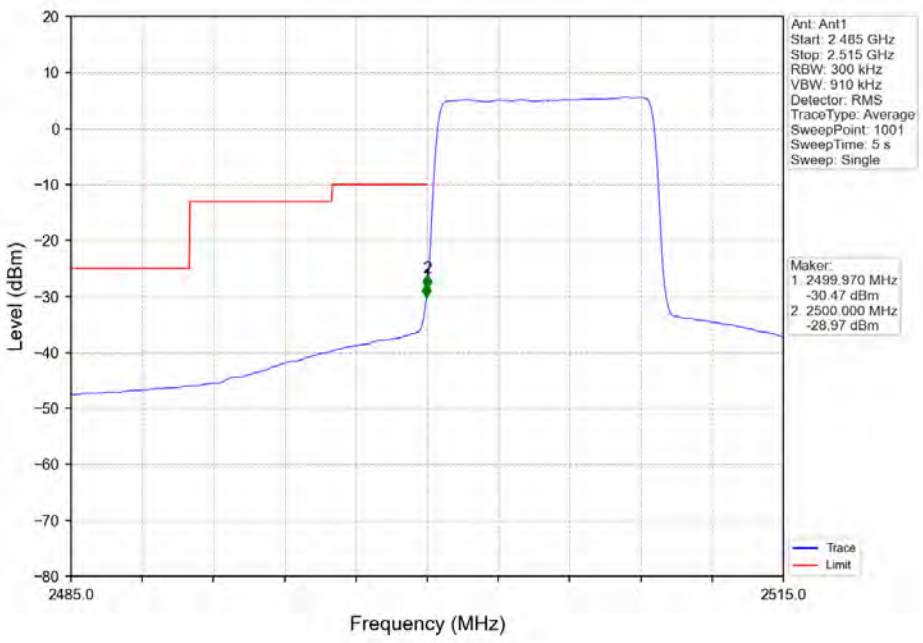
Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV



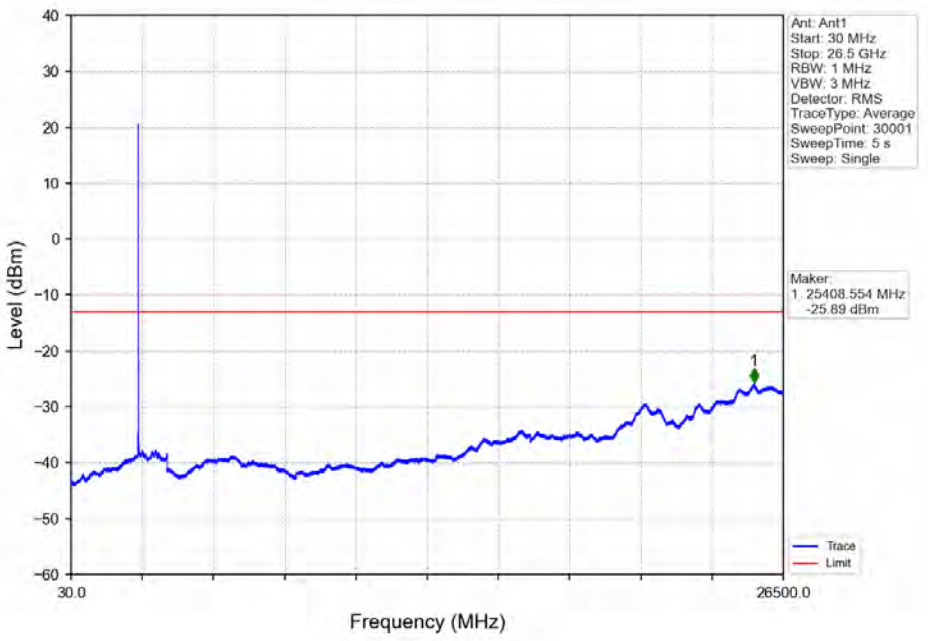
Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV



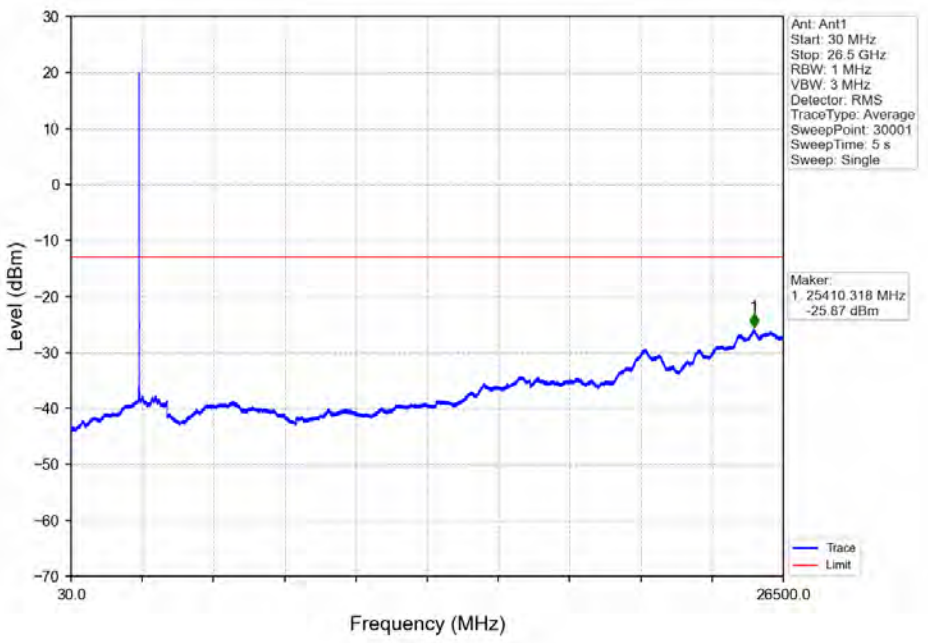
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



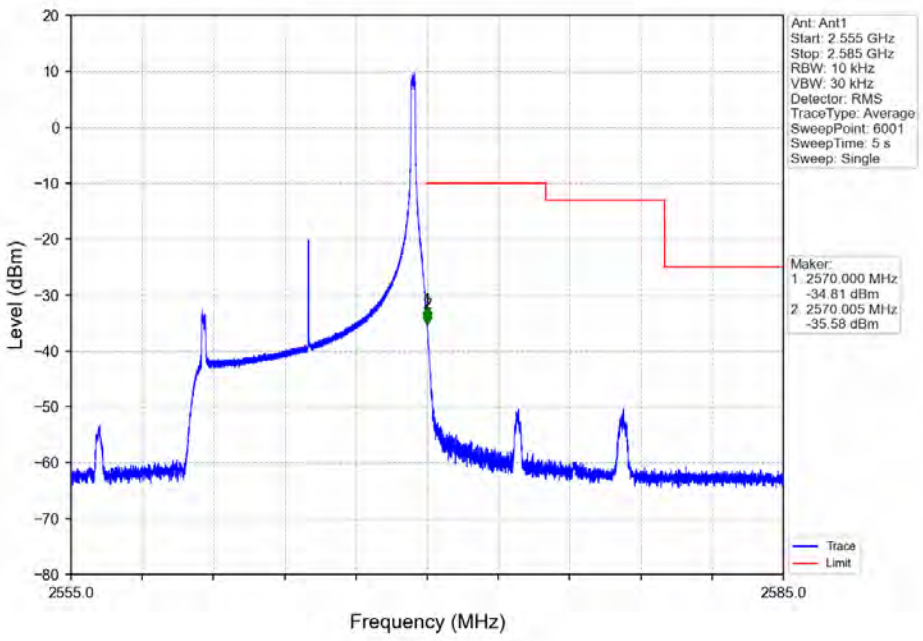
Band7_10MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



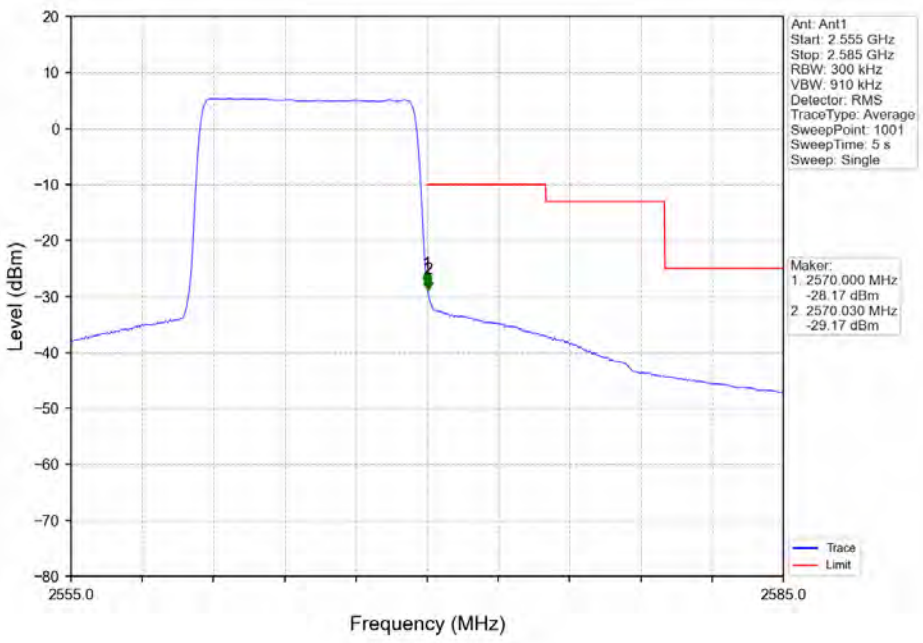
Band7_10MHz_16QAM_HCH_2565MHz_RB_1_0_NTNV



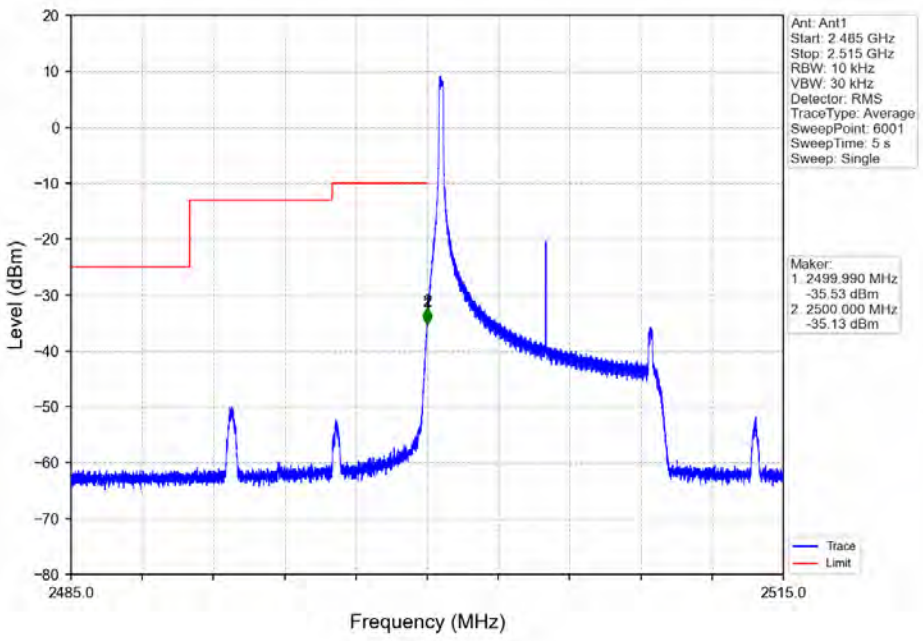
Band7_10MHz_16QAM_HCH_2565MHz_RB_1_49_NTNV



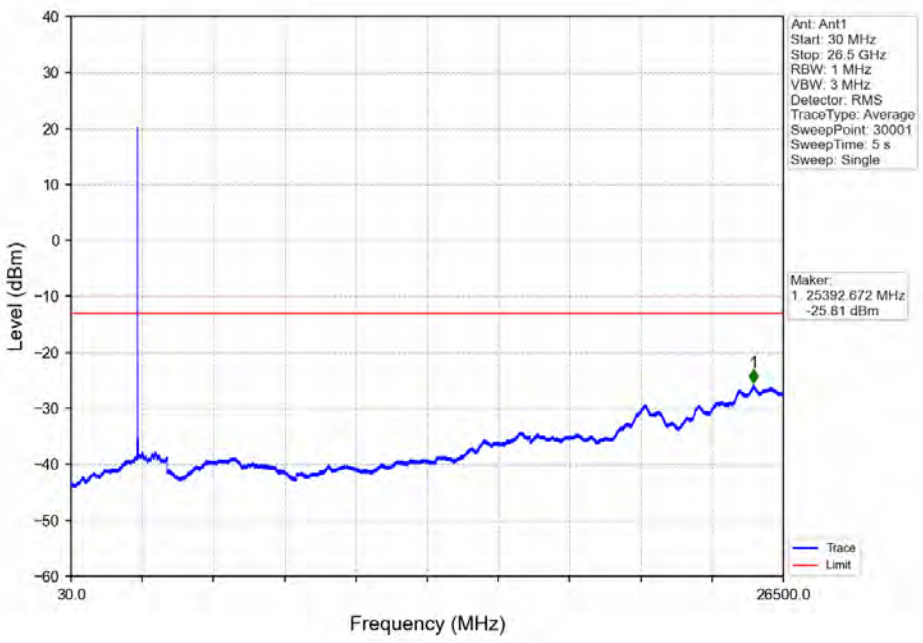
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



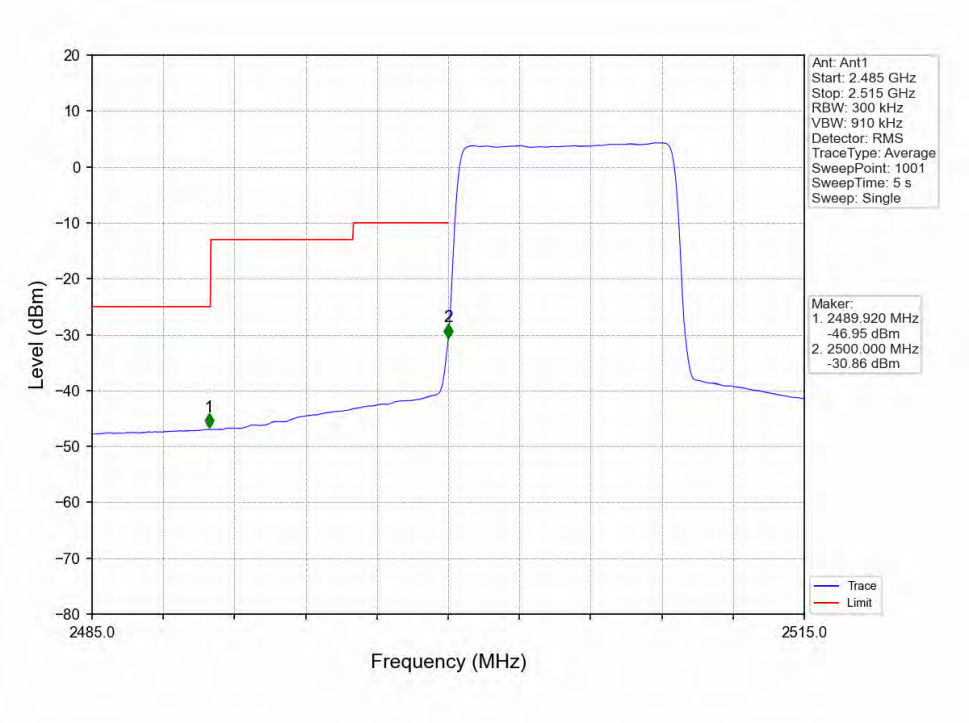
Band7_10MHz_64QAM_LCH_2505MHz_RB_1_0_NTNV



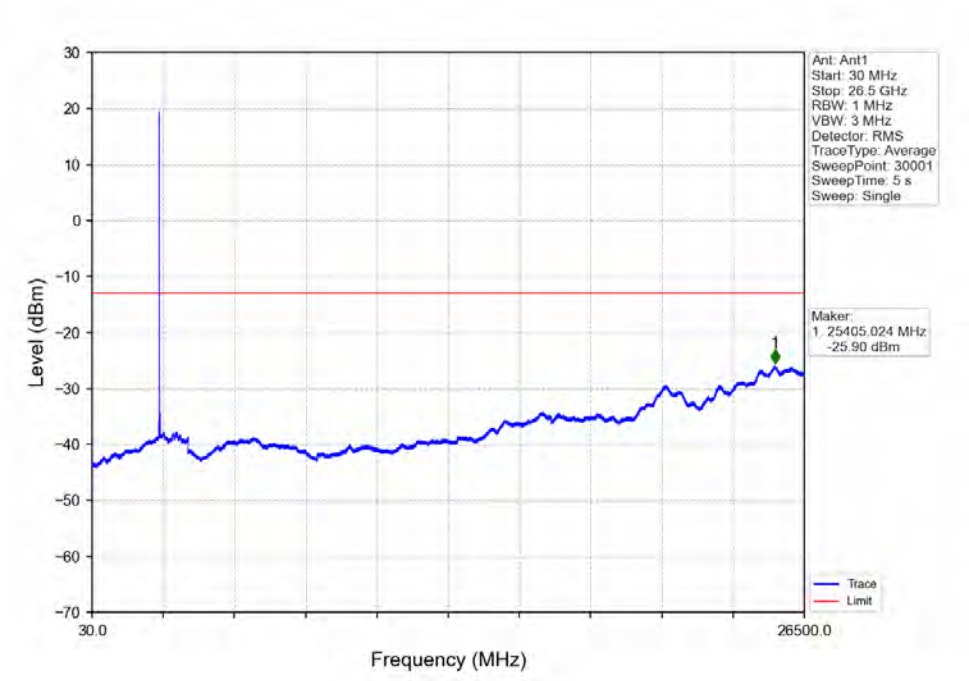
Band7_10MHz_64QAM_LCH_2505MHz_RB_1_0_NTNV



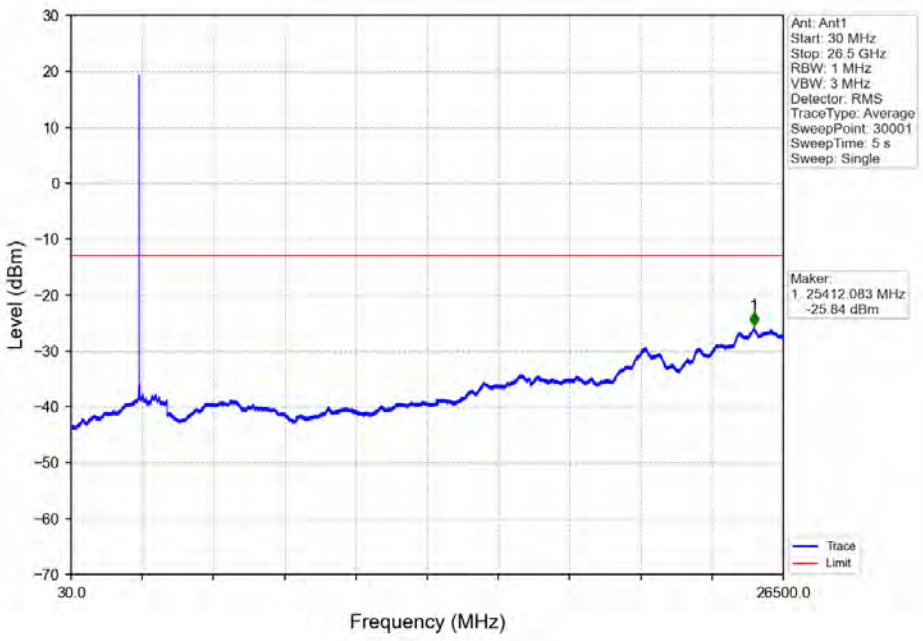
Band7_10MHz_64QAM_LCH_2505MHz_RB_50_0_NTNV



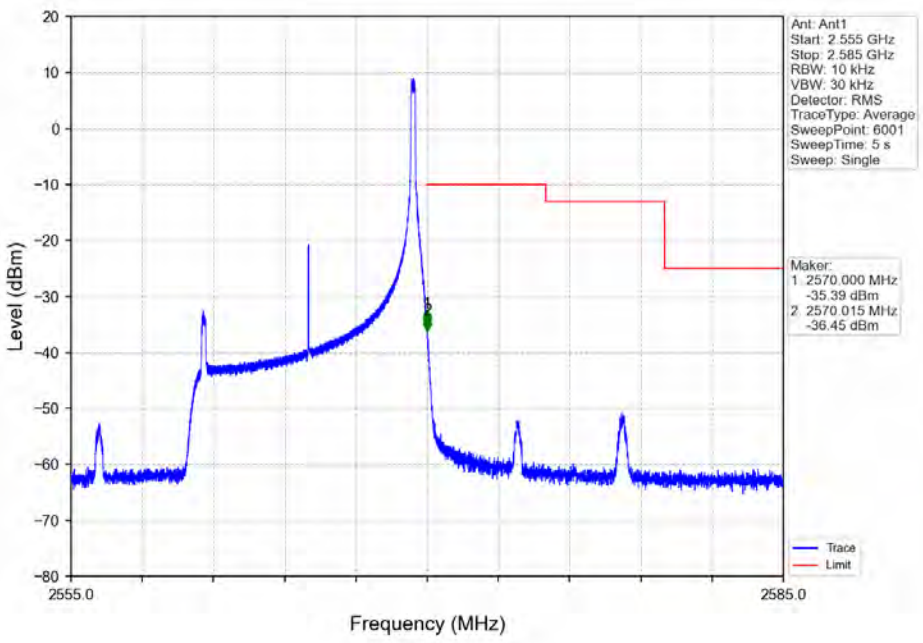
Band7_10MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV



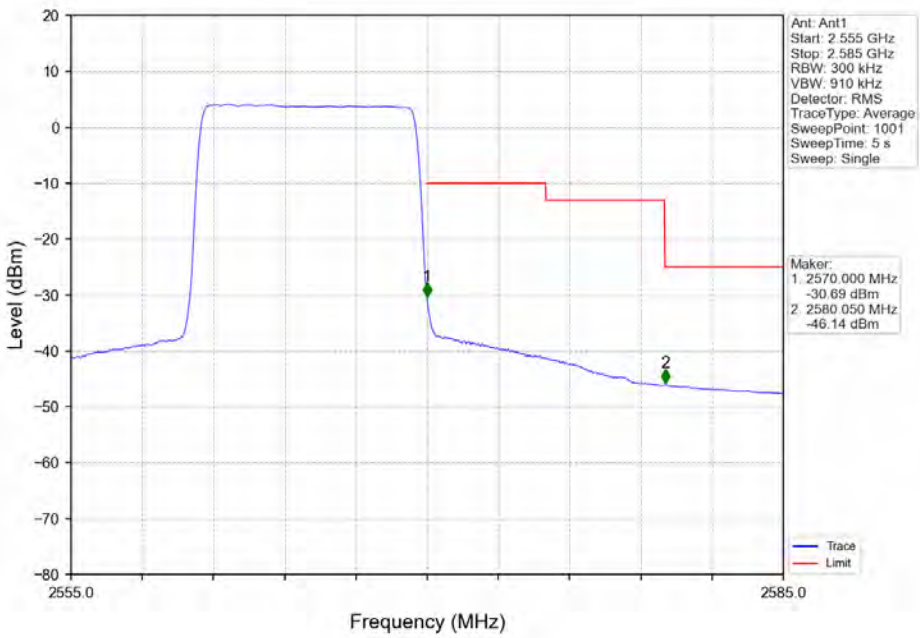
Band7_10MHz_64QAM_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_64QAM_HCH_2565MHz_RB_1_49_NTNV



Band7_10MHz_64QAM_HCH_2565MHz_RB_50_0_NTNV

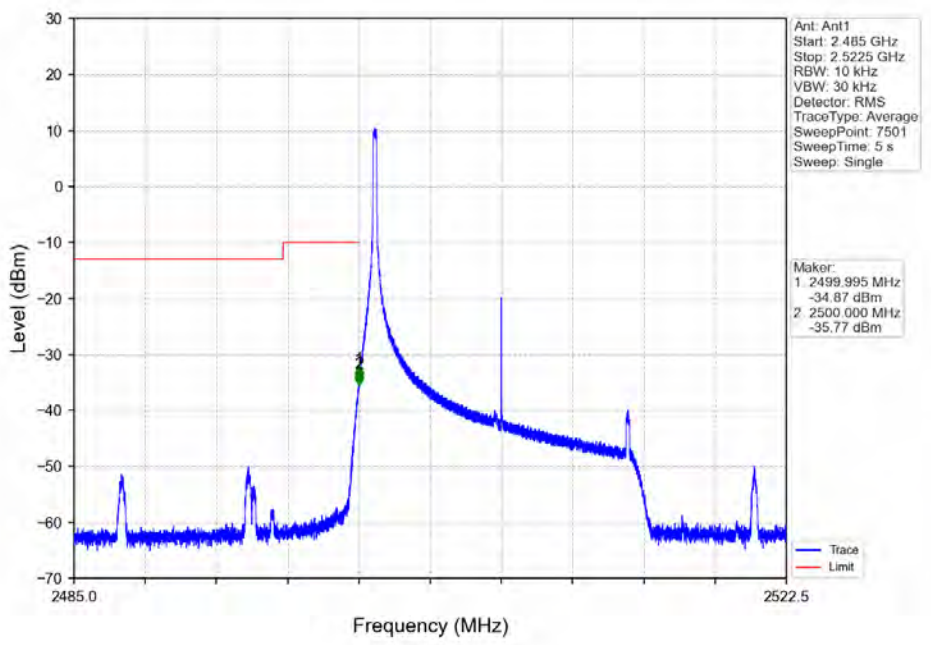


B7_15MHZ TEST RESULT

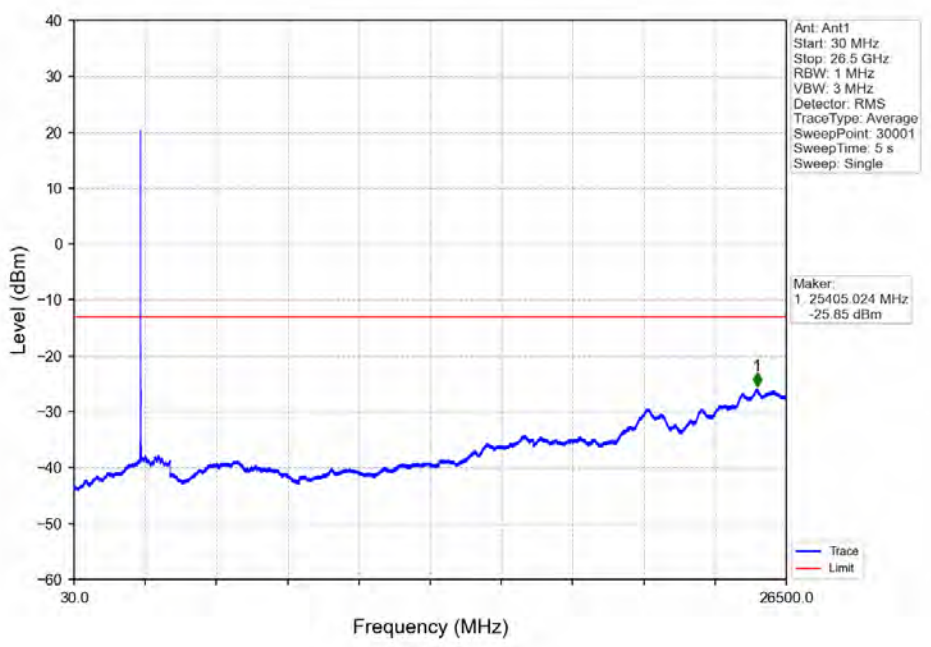
Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2507.5	1	0	Refer To Test Graph		Pass
		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
64QAM	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

TEST GRAPH

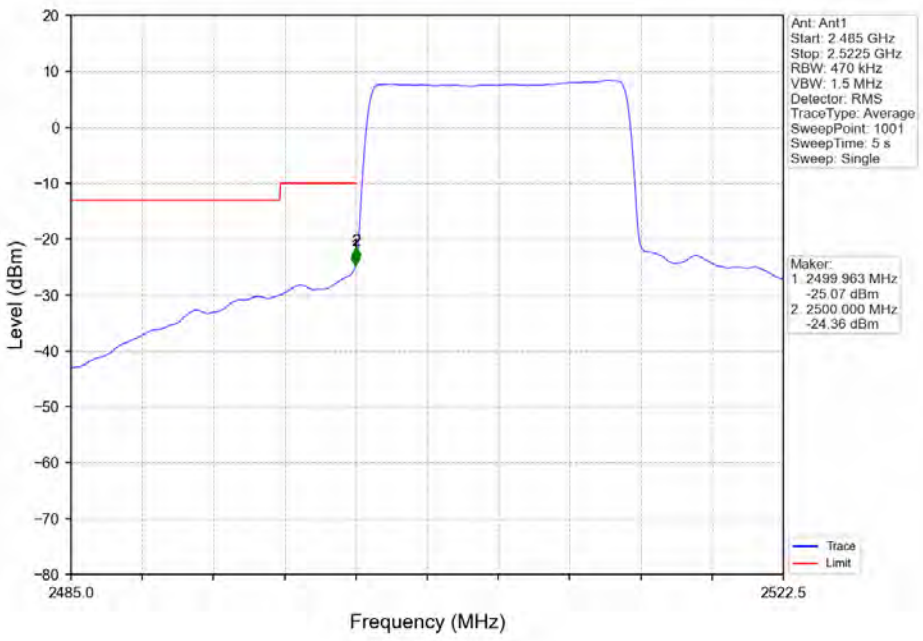
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



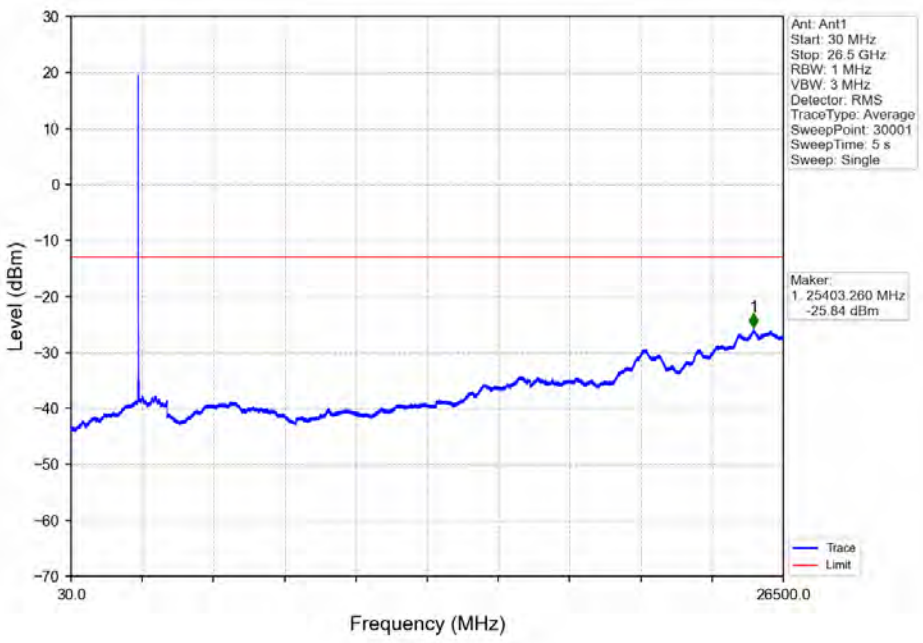
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



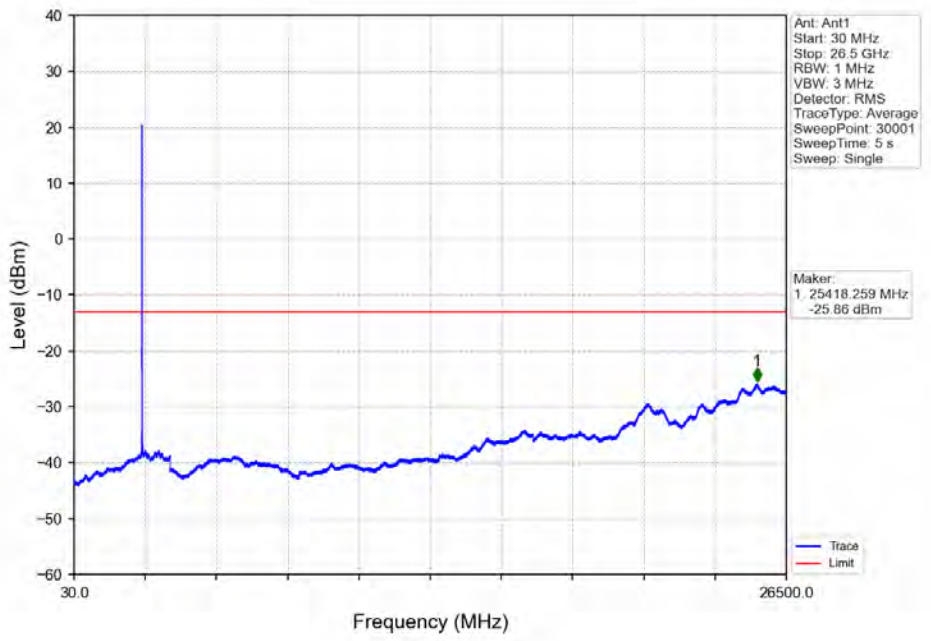
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



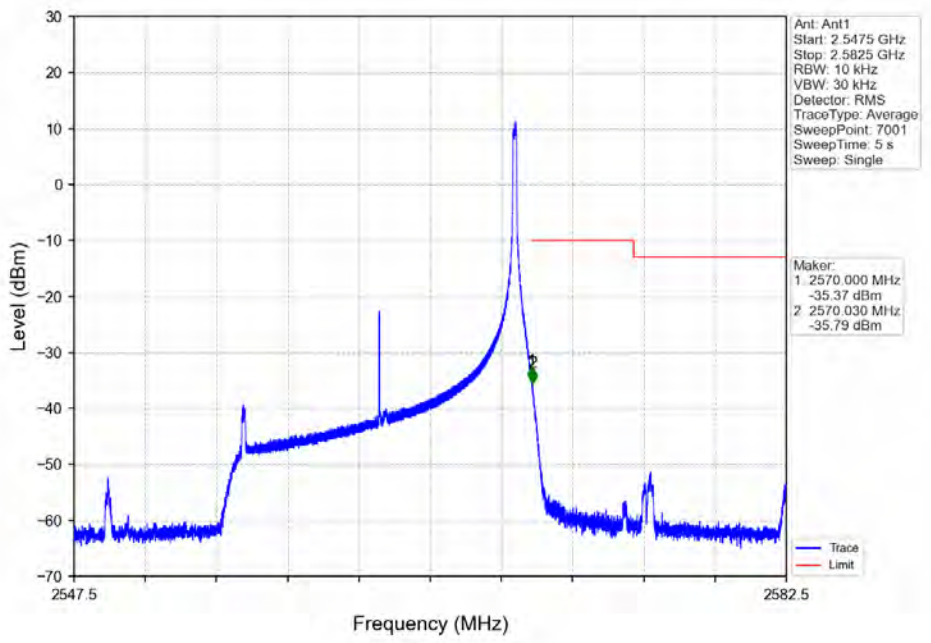
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



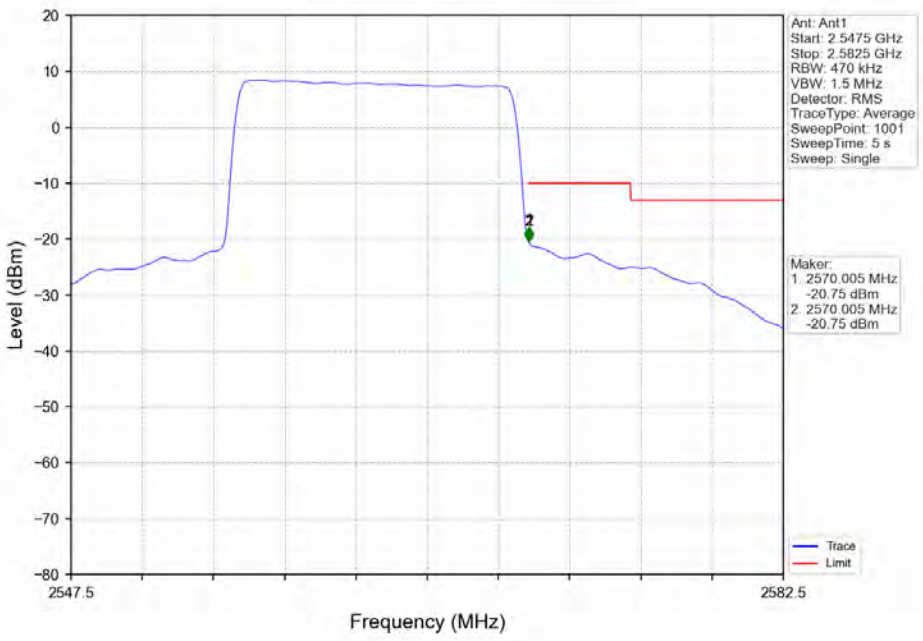
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



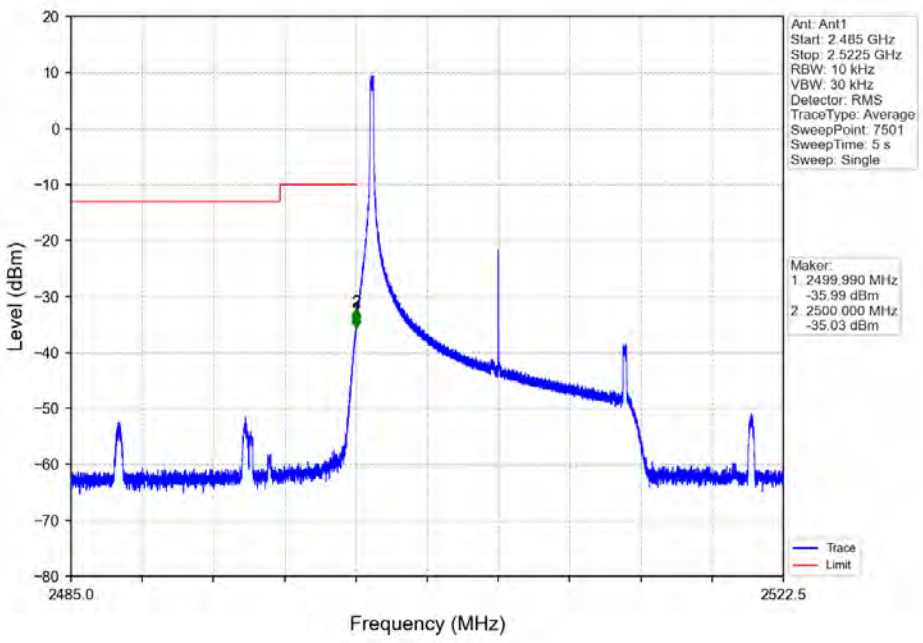
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV



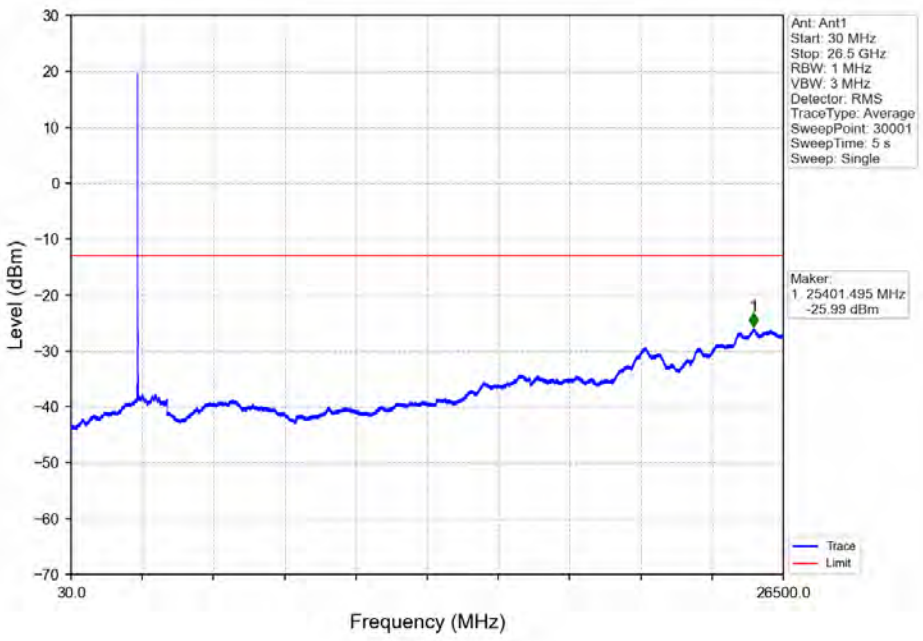
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



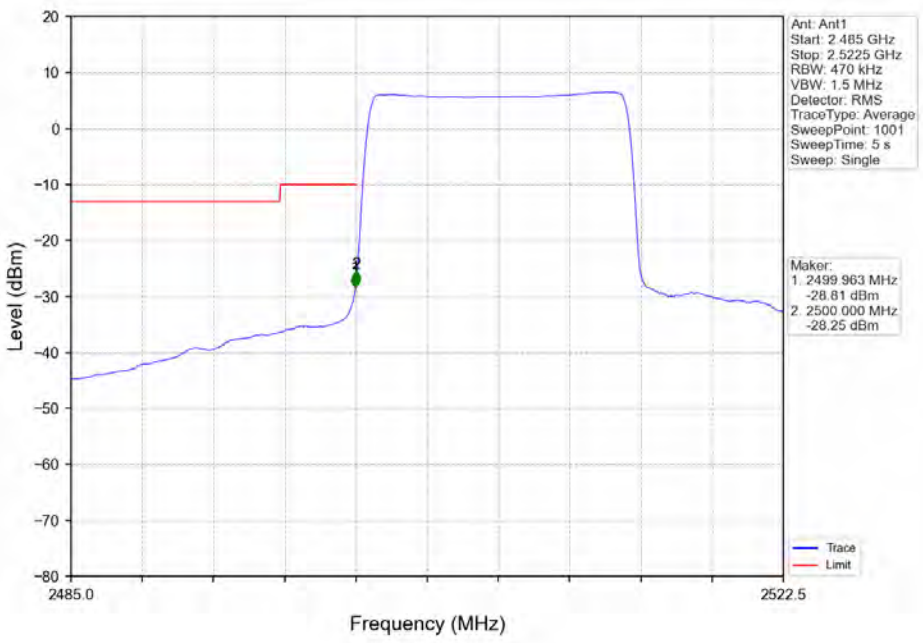
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV



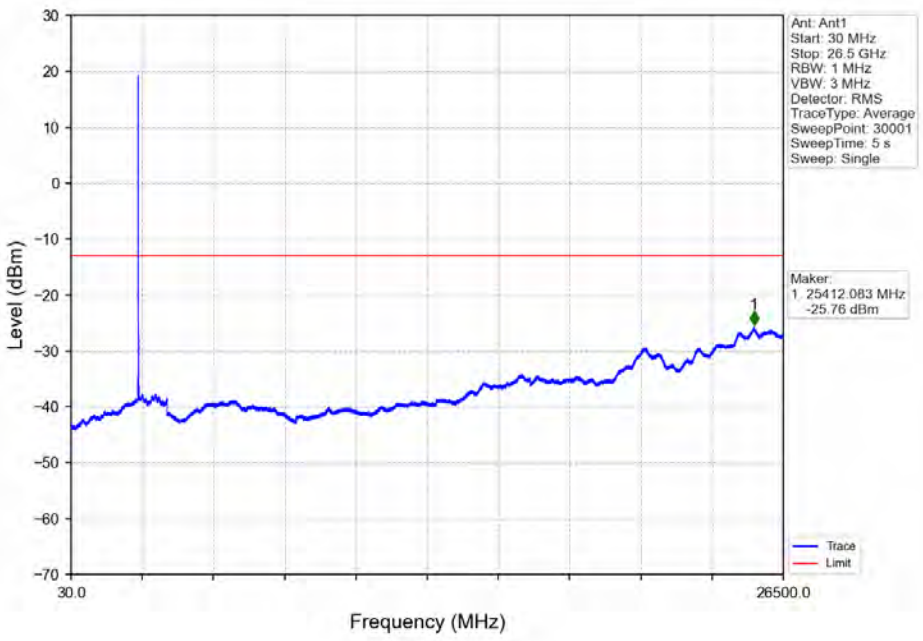
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV



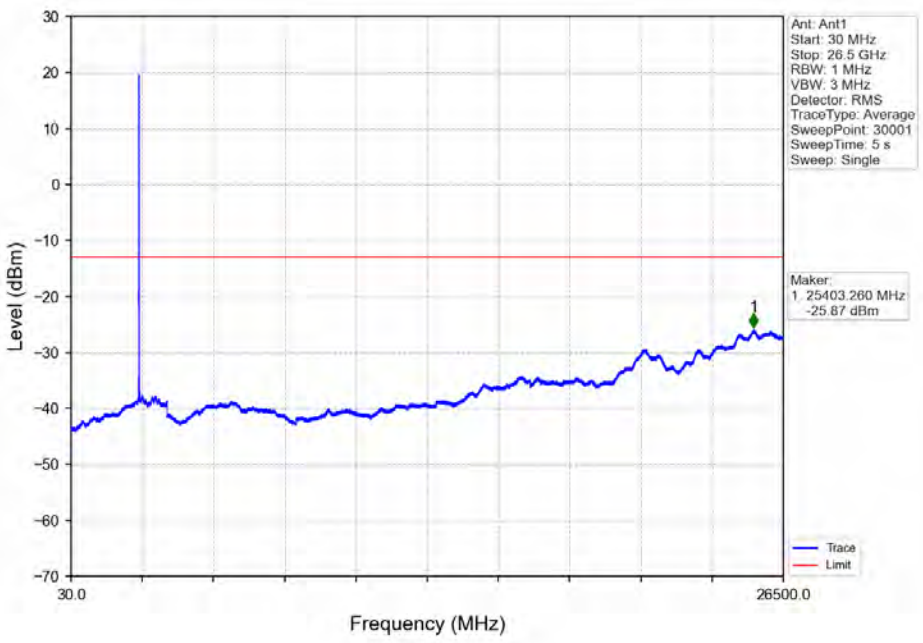
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



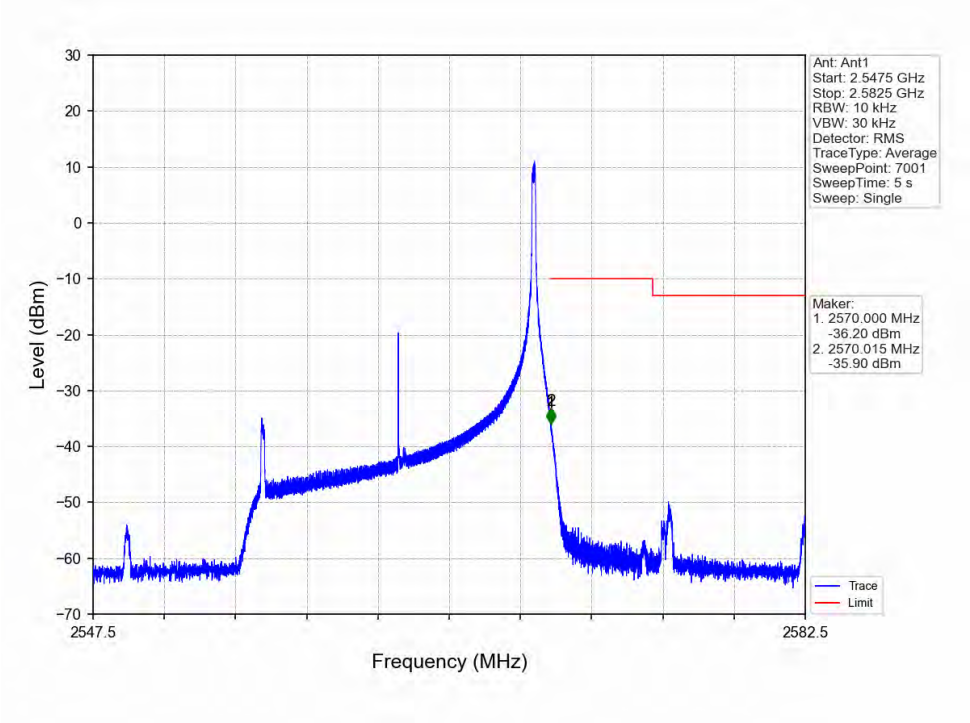
Band7_15MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



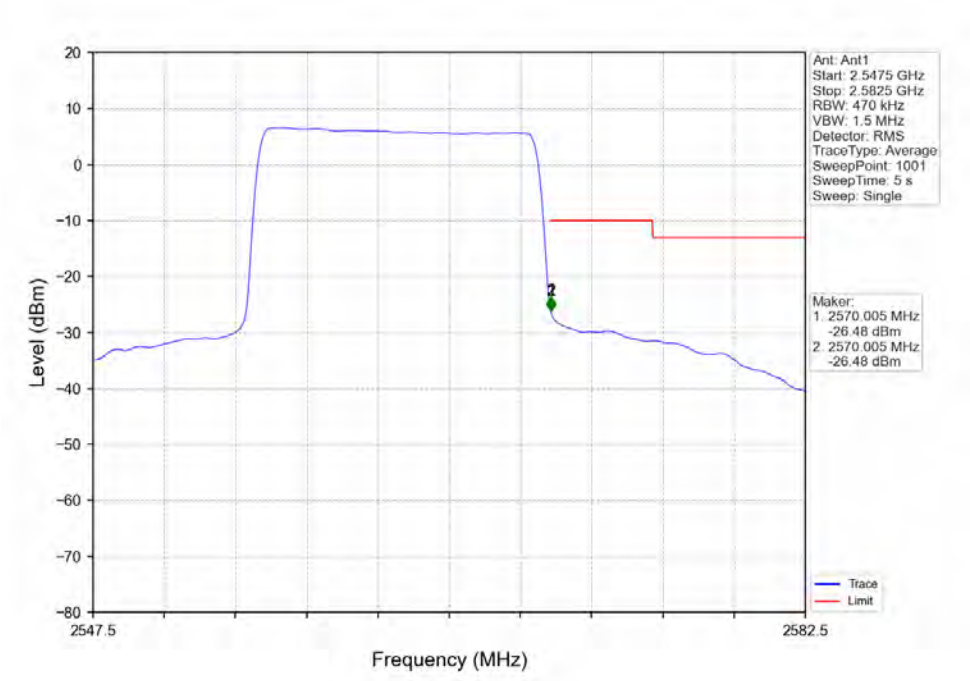
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_1_0_NTNV



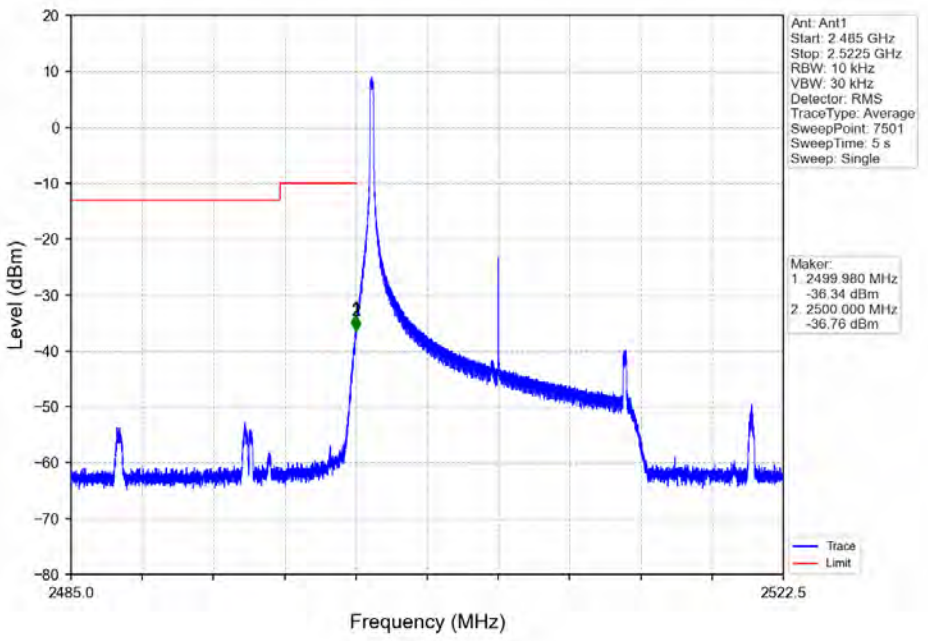
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_1_74_NTNV



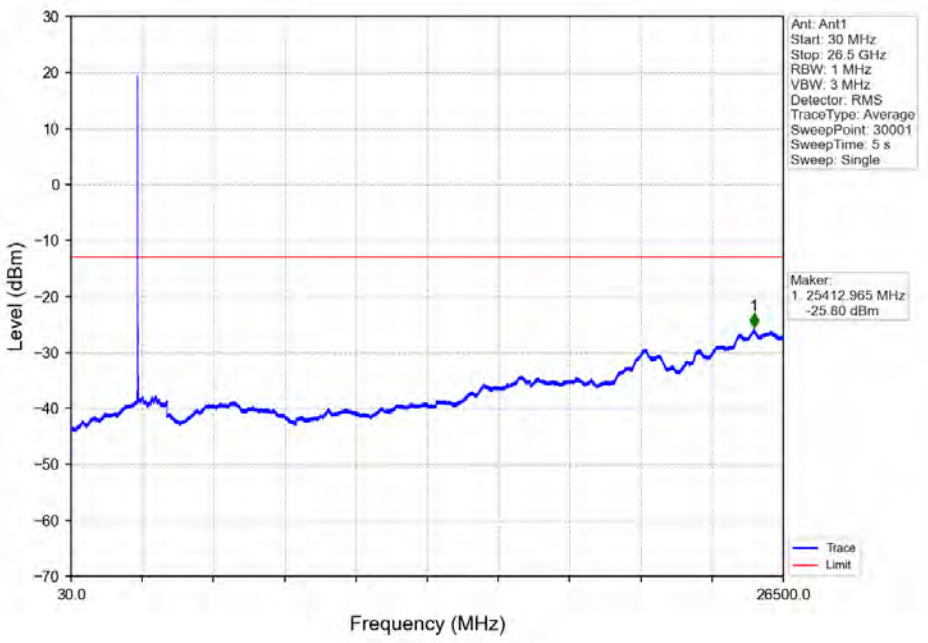
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



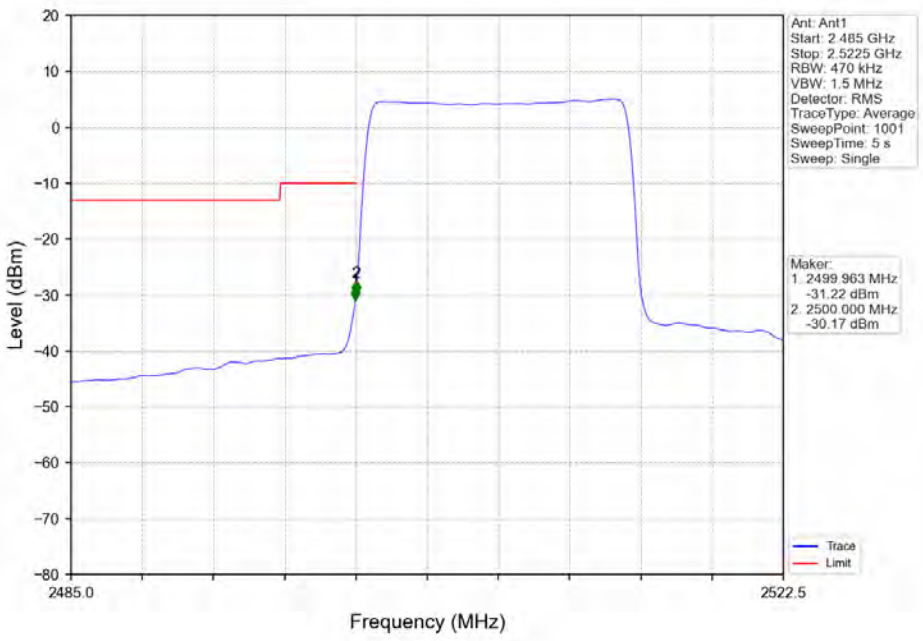
Band7_15MHz_64QAM_LCH_2507.5MHz_RB_1_0_NTNV



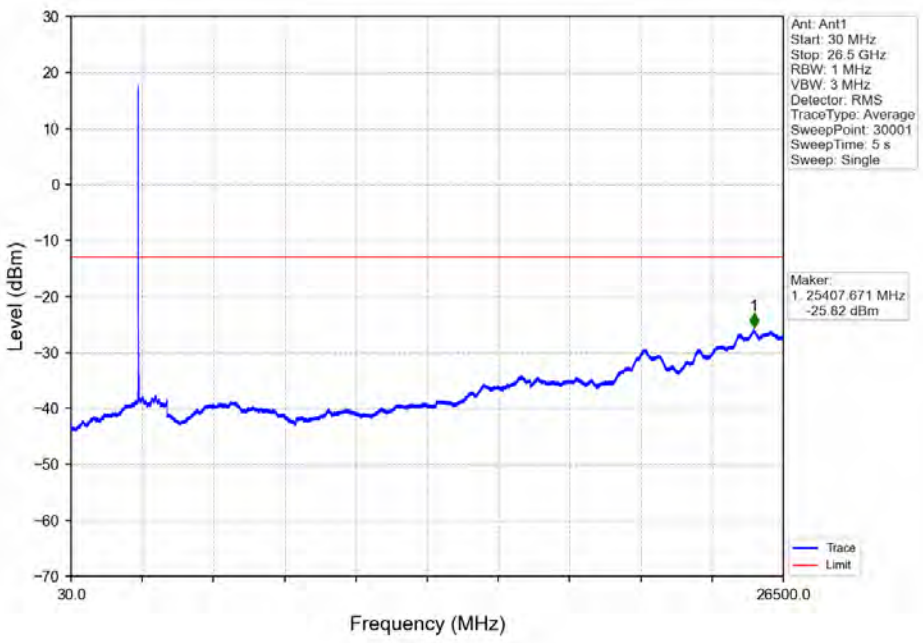
Band7_15MHz_64QAM_LCH_2507.5MHz_RB_1_0_NTNV



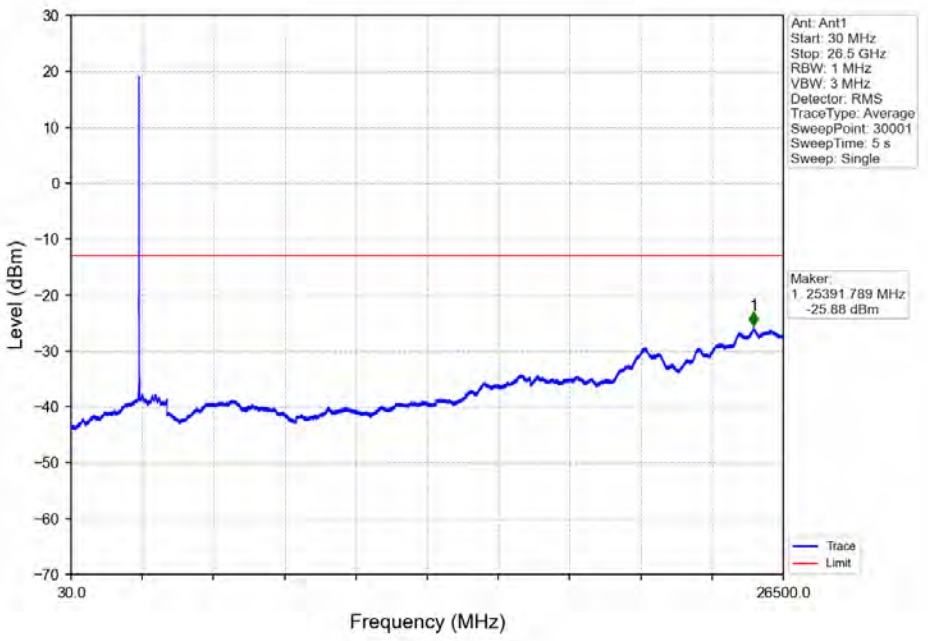
Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV



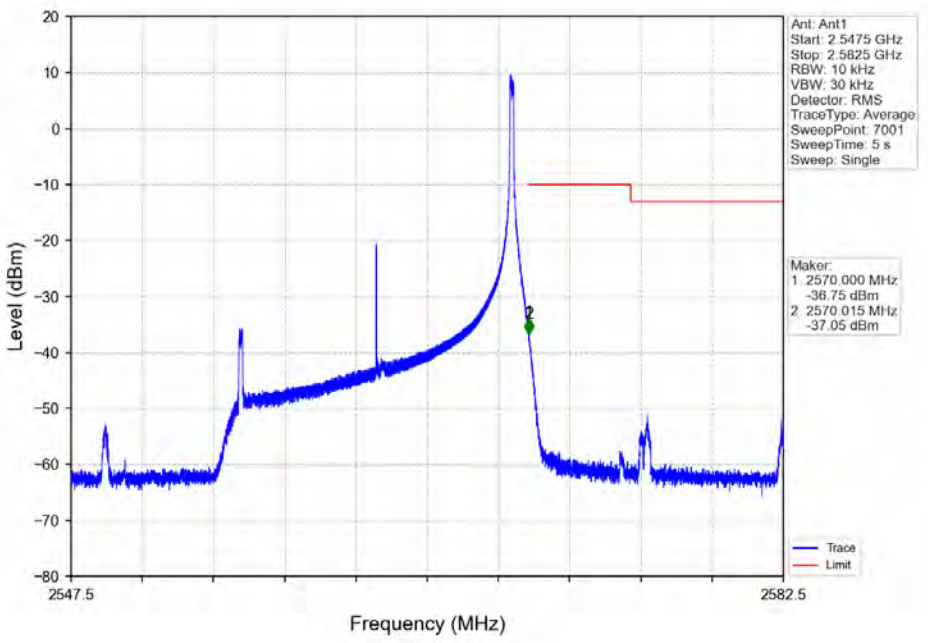
Band7_15MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV

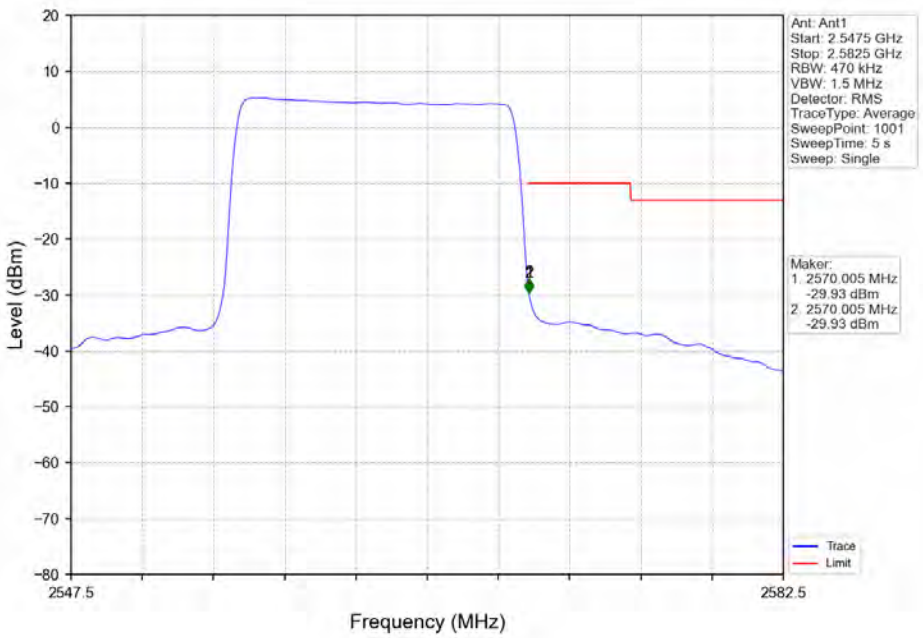


Band7_15MHz_64QAM_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_64QAM_HCH_2562.5MHz_RB_1_74_NTNV



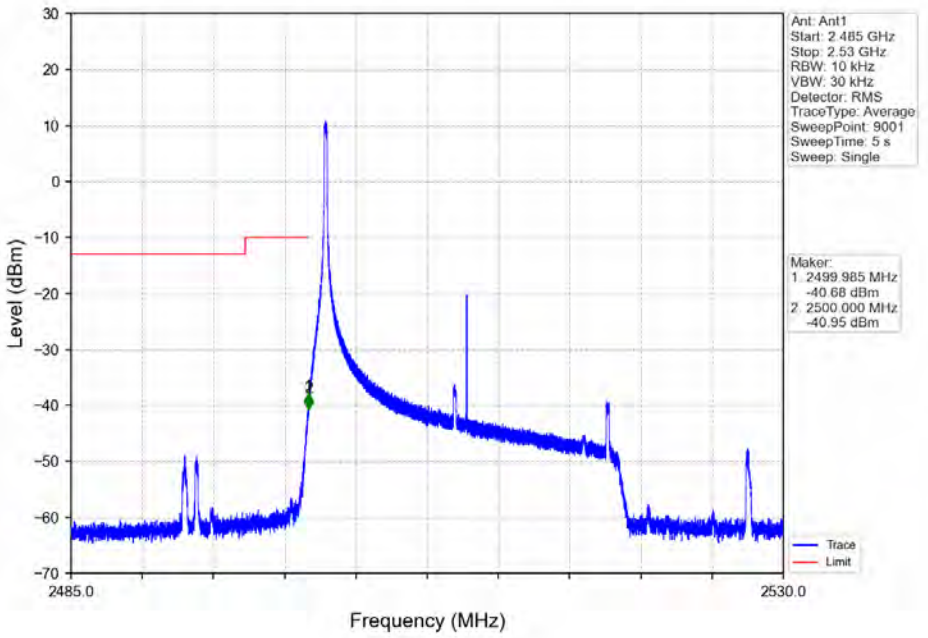
Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV


B7_20MHZ TEST RESULT

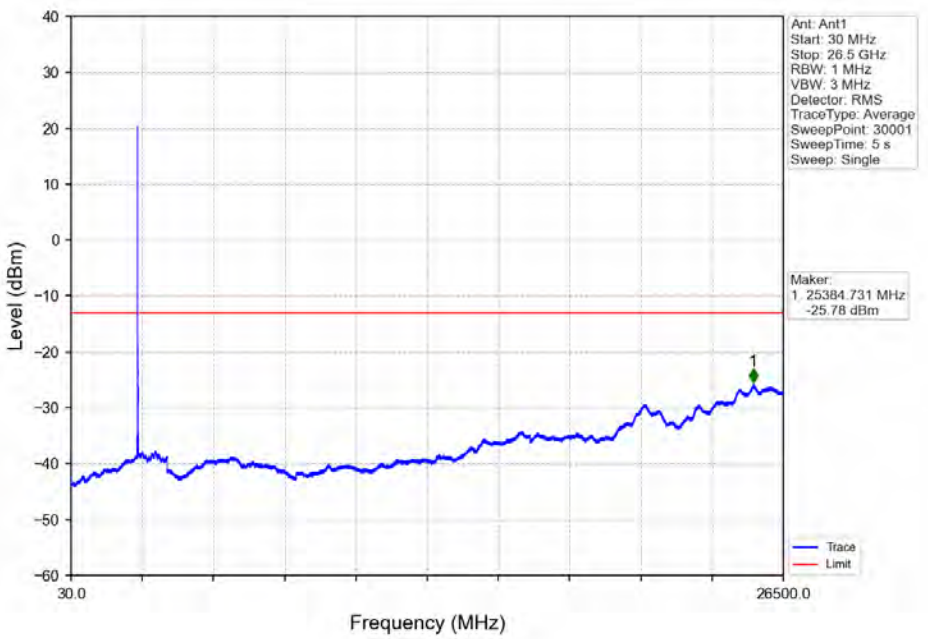
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2510	1	0	Refer To Test Graph		Pass
		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
64QAM	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

TEST GRAPH

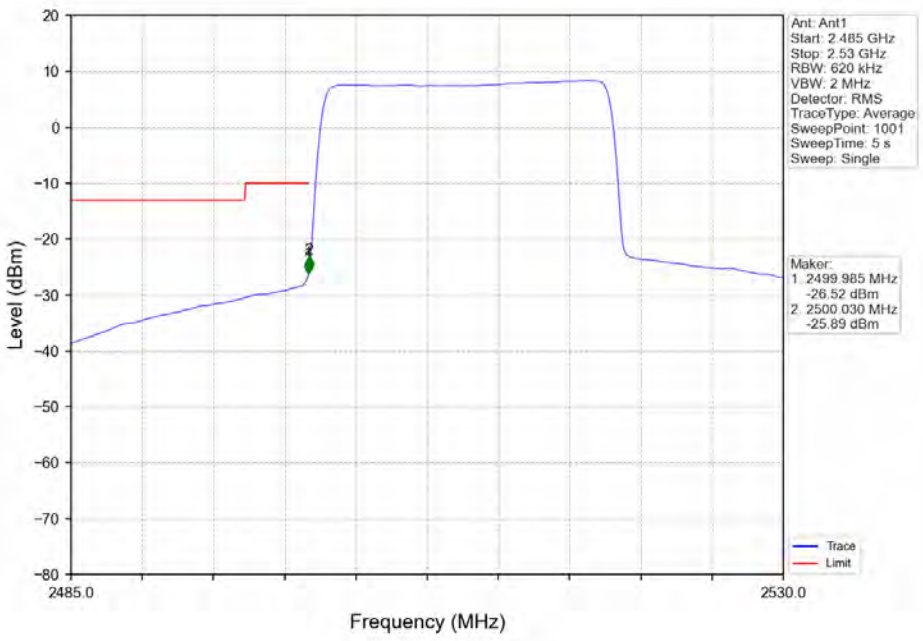
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



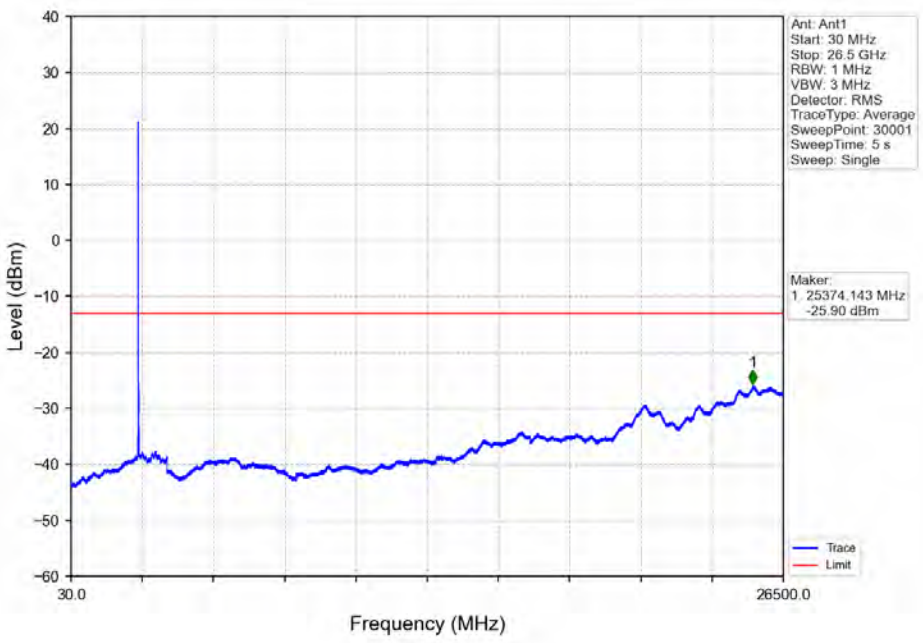
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



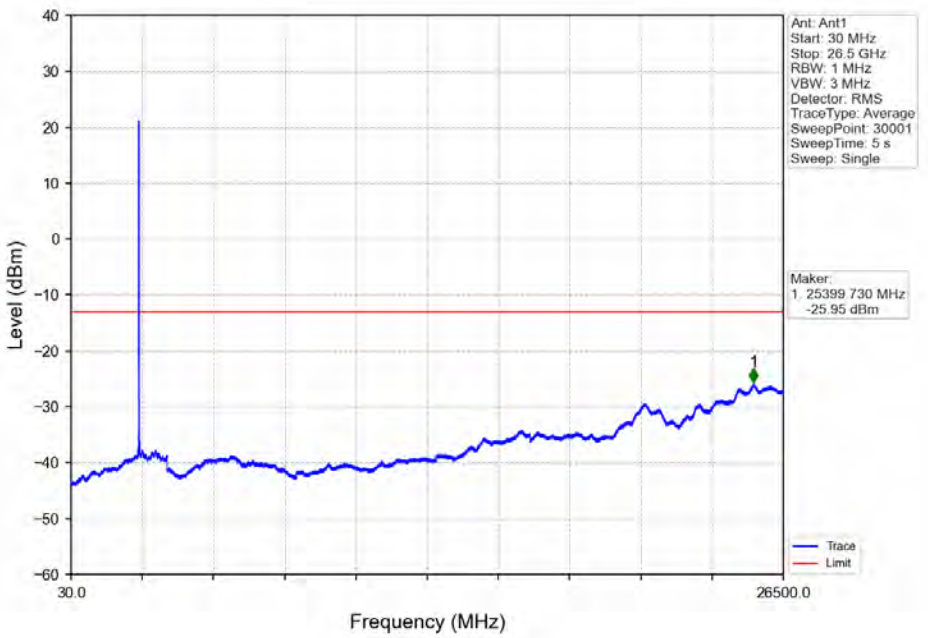
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



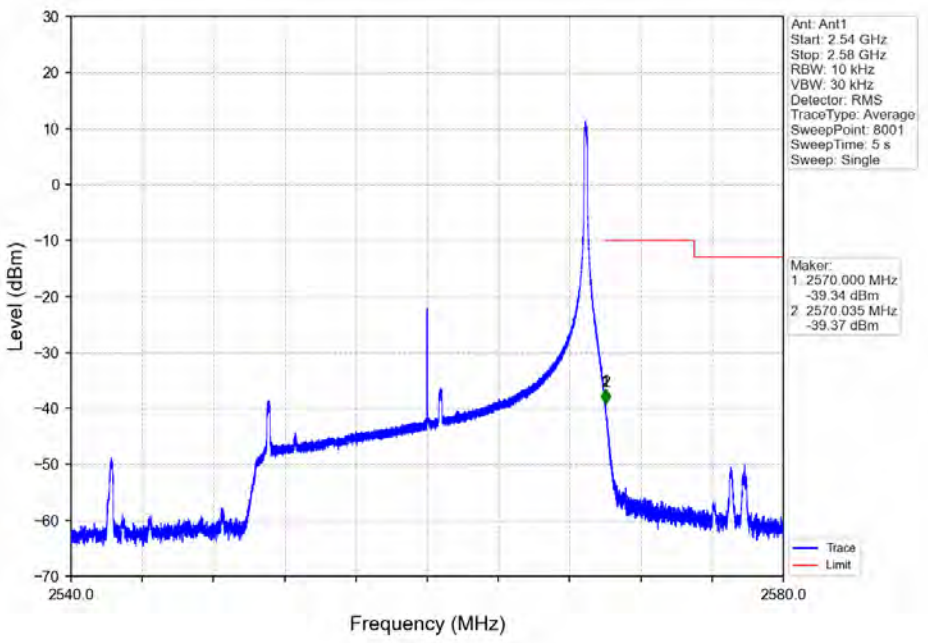
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



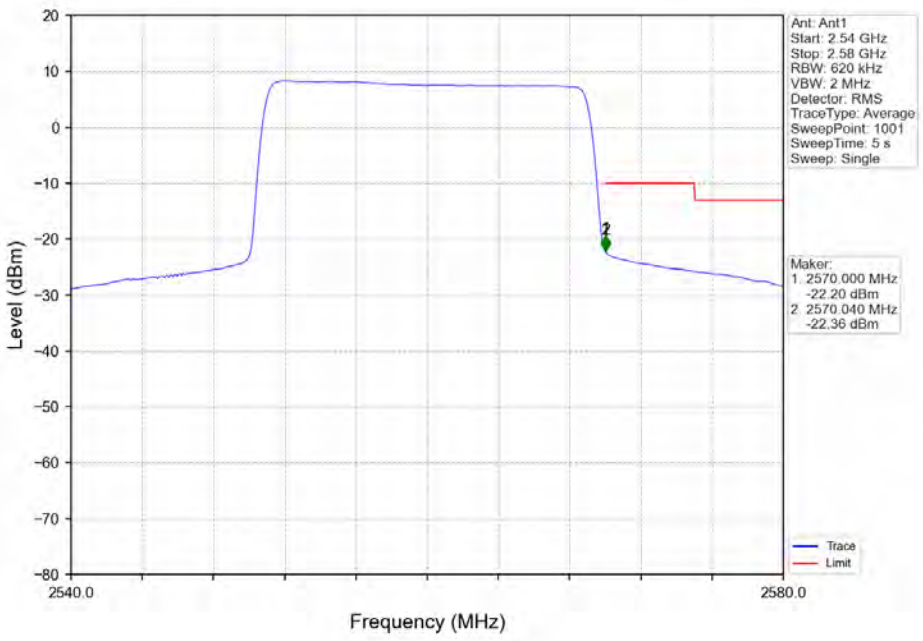
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



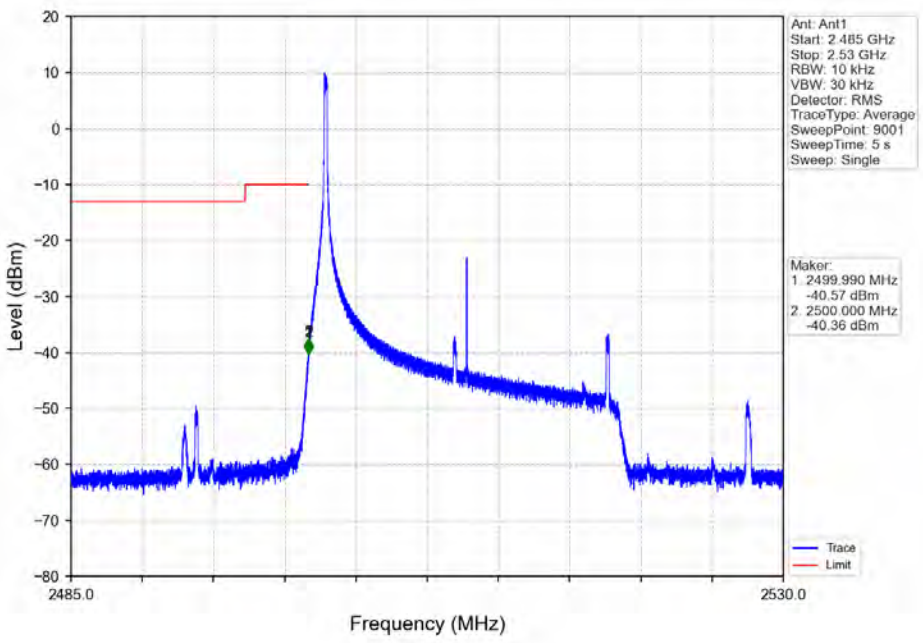
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_99_NTNV



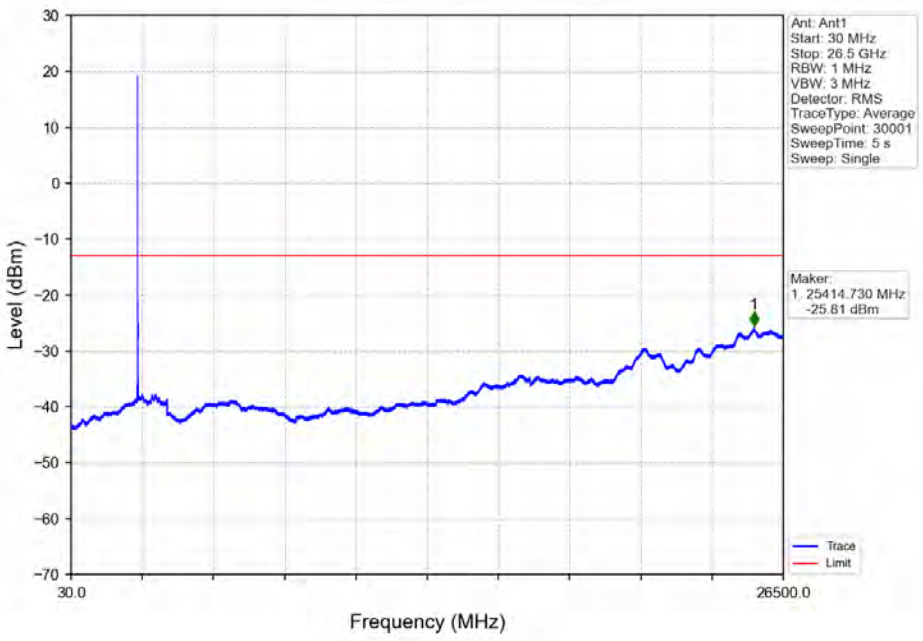
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



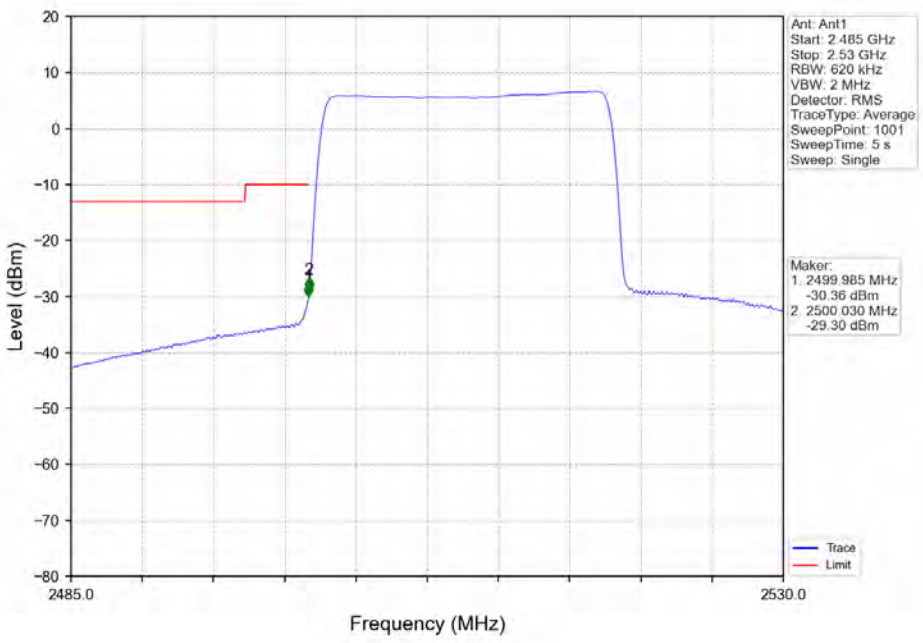
Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



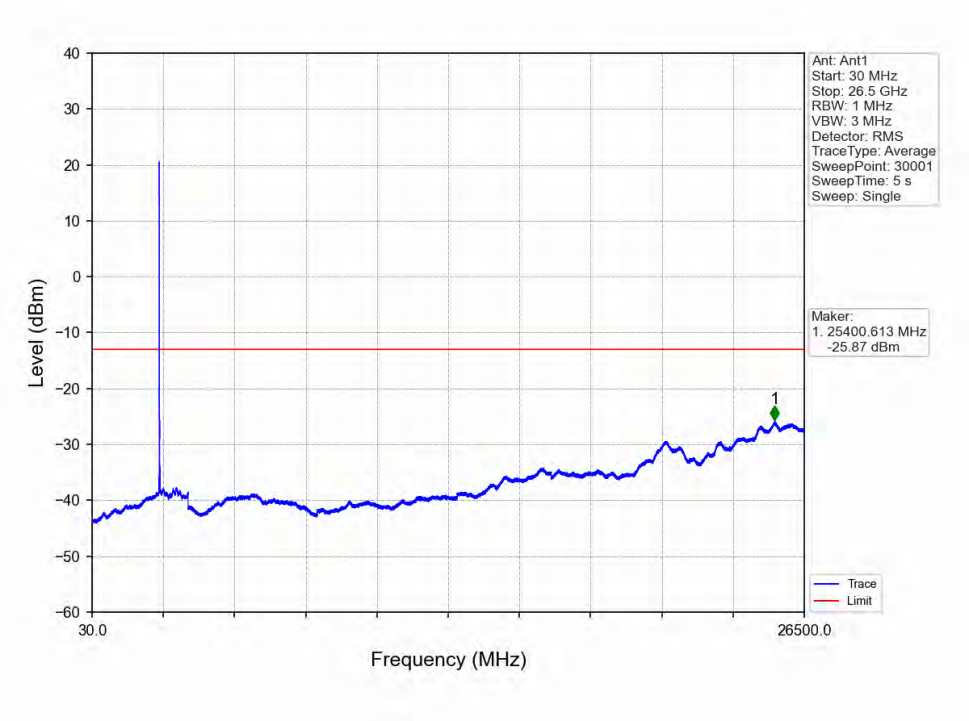
Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



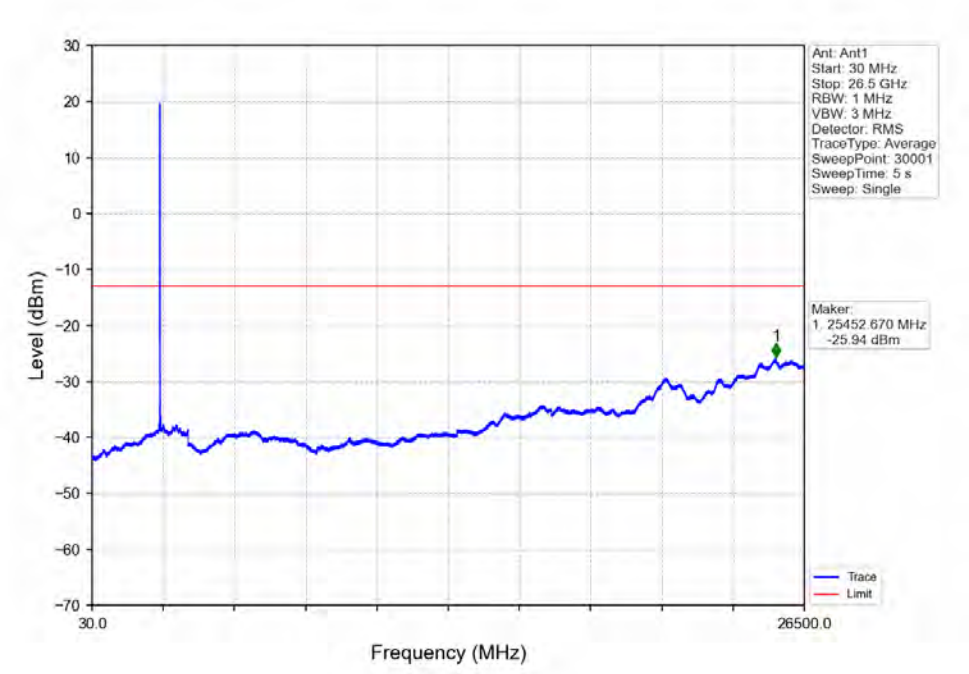
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



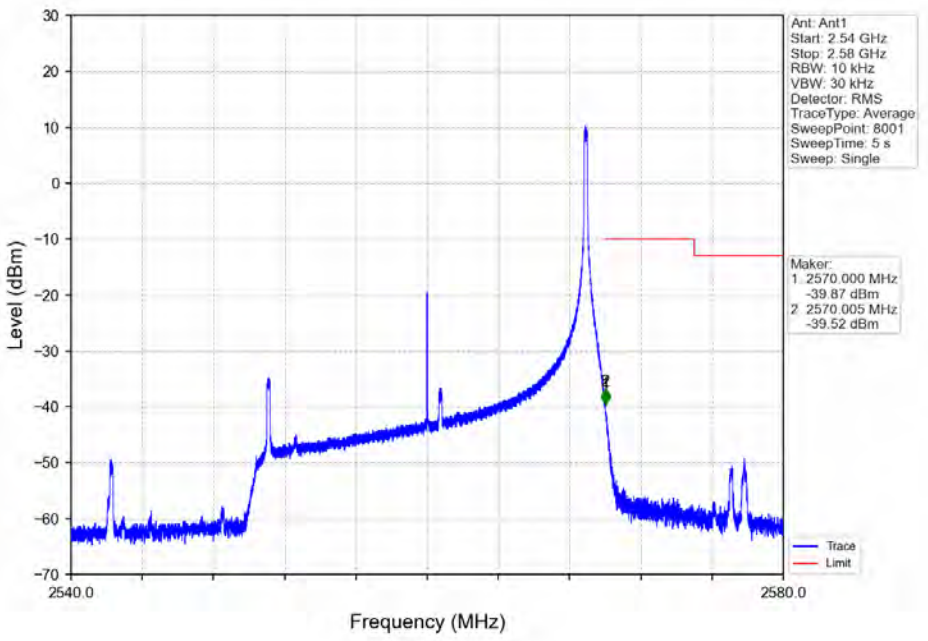
Band7_20MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



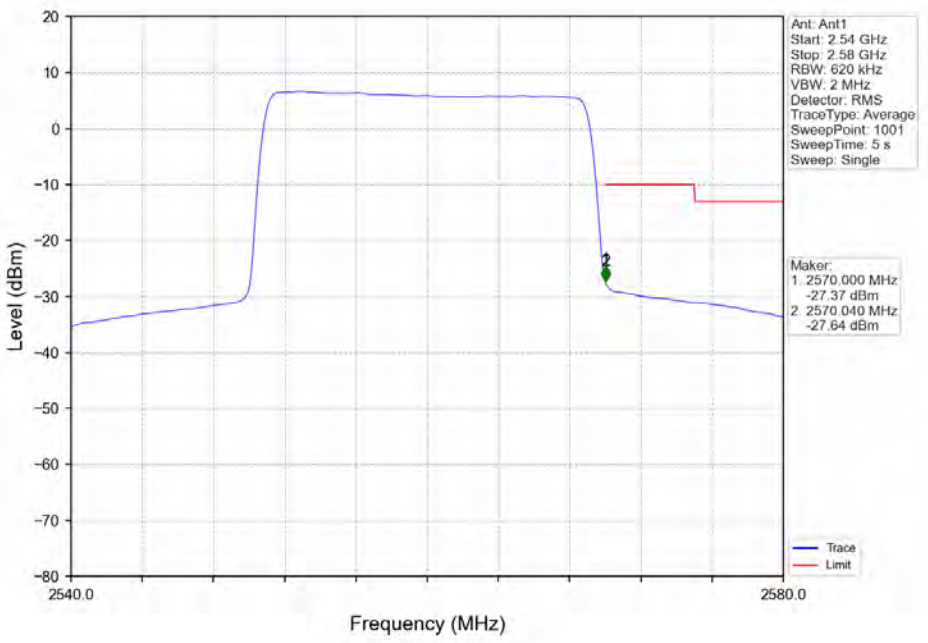
Band7_20MHz_16QAM_HCH_2560MHz_RB_1_0_NTNV



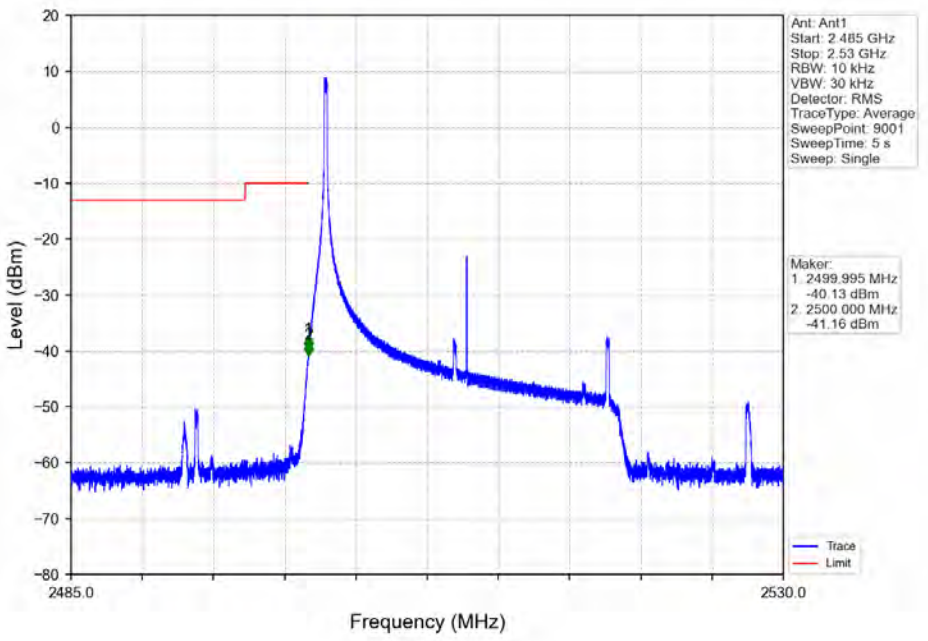
Band7_20MHz_16QAM_HCH_2560MHz_RB_1_99_NTNV



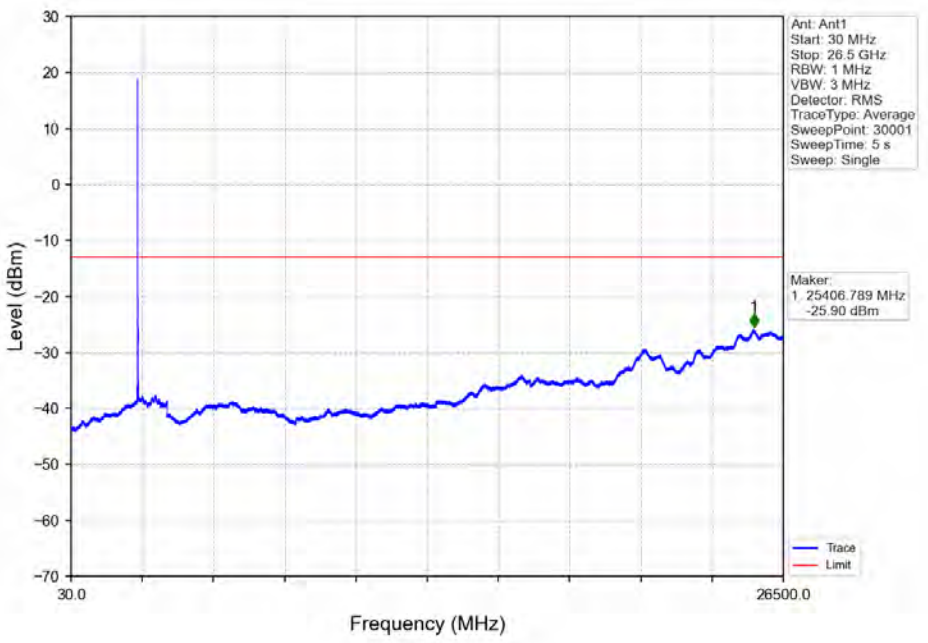
Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



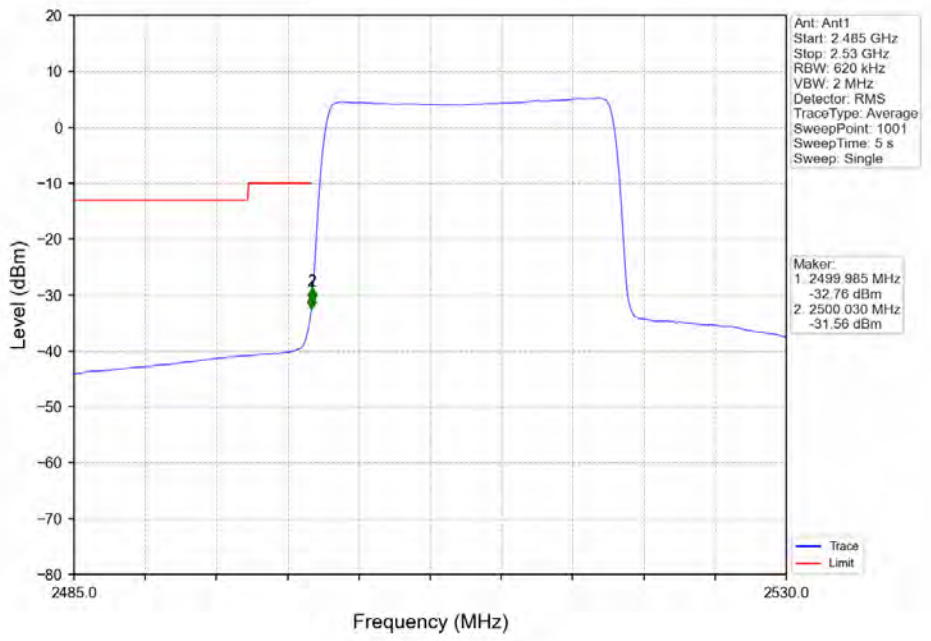
Band7_20MHz_64QAM_LCH_2510MHz_RB_1_0_NTNV



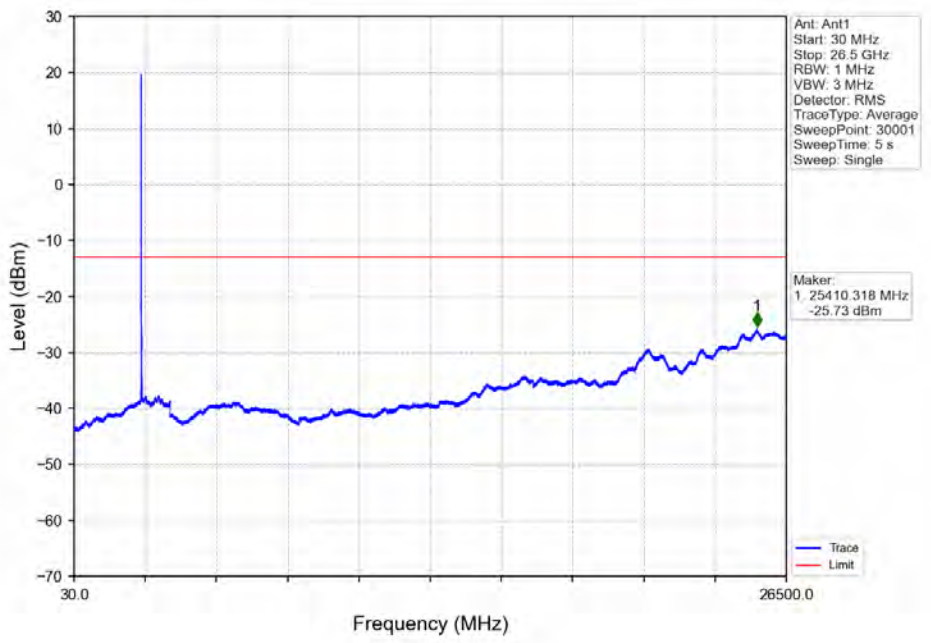
Band7_20MHz_64QAM_LCH_2510MHz_RB_1_0_NTNV



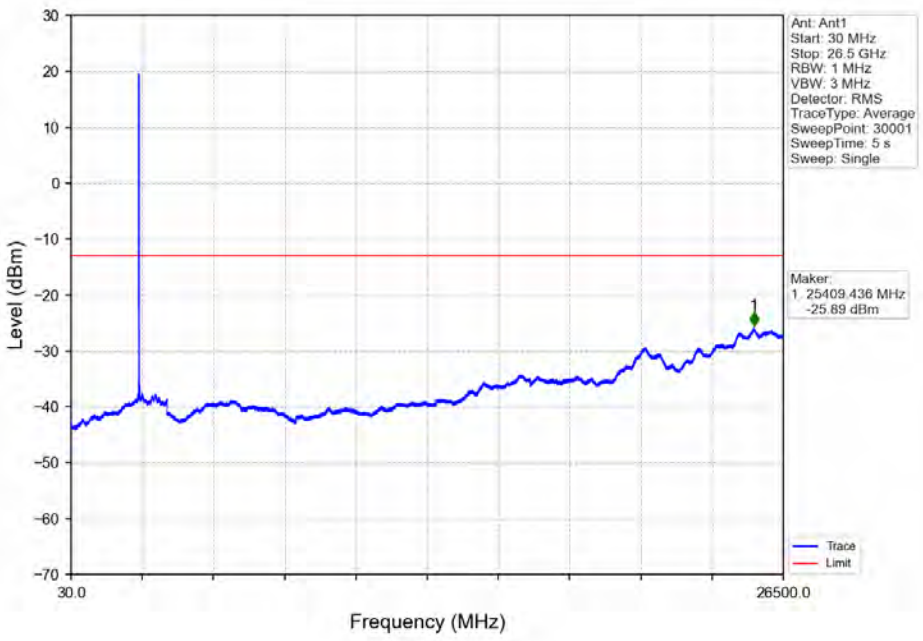
Band7_20MHz_64QAM_LCH_2510MHz_RB_100_0_NTNV



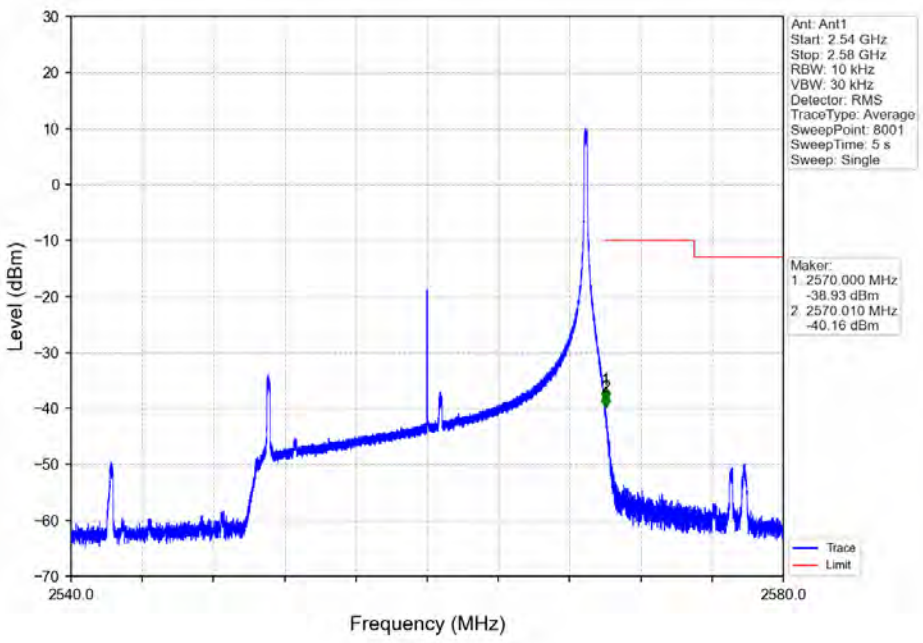
Band7_20MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV

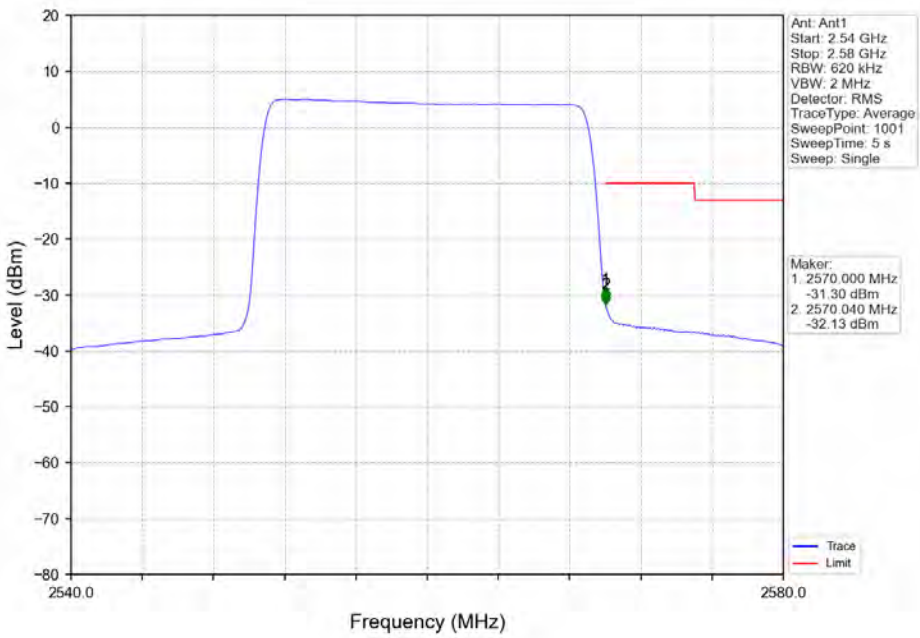


Band7_20MHz_64QAM_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_64QAM_HCH_2560MHz_RB_1_99_NTNV



Band7_20MHz_64QAM_HCH_2560MHz_RB_100_0_NTNV


LTE BAND 12

FREQUENCY STABILITY B12_1.4MHZ TEST RESULT

Band: 12 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	699.7	6	0	20	3.27	2.26	0.00	-2.5 to 2.5	Pass
					3.85	5.24	0.01	-2.5 to 2.5	Pass
					4.43	6.44	0.01	-2.5 to 2.5	Pass
				-30	3.85	6.17	0.01	-2.5 to 2.5	Pass
				-20	3.85	5.52	0.01	-2.5 to 2.5	Pass
				-10	3.85	3.96	0.01	-2.5 to 2.5	Pass
				0	3.85	2.95	0.00	-2.5 to 2.5	Pass
				10	3.85	1.14	0.00	-2.5 to 2.5	Pass
				30	3.85	-0.79	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.06	-0.00	-2.5 to 2.5	Pass
				50	3.85	-4.71	-0.01	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	0.29	0.00	-2.5 to 2.5	Pass
					3.85	-2.60	-0.00	-2.5 to 2.5	Pass
					4.43	-2.93	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-5.46	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-9.48	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-12.39	-0.02	-2.5 to 2.5	Pass
				0	3.85	-14.38	-0.02	-2.5 to 2.5	Pass
				10	3.85	-18.54	-0.03	-2.5 to 2.5	Pass
				30	3.85	-20.06	-0.03	-2.5 to 2.5	Pass
				40	3.85	-26.08	-0.04	-2.5 to 2.5	Pass
				50	3.85	-28.21	-0.04	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	3.43	0.00	-2.5 to 2.5	Pass
					3.85	0.84	0.00	-2.5 to 2.5	Pass
					4.43	-0.14	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.90	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-1.50	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.45	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.59	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.90	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.67	-0.00	-2.5 to 2.5	Pass
				40	3.85	-1.83	-0.00	-2.5 to 2.5	Pass
				50	3.85	-0.77	-0.00	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	-7.31	-0.01	-2.5 to 2.5	Pass
					3.85	-9.23	-0.01	-2.5 to 2.5	Pass
					4.43	-8.90	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-8.53	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-9.38	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-7.57	-0.01	-2.5 to 2.5	Pass
				0	3.85	-7.71	-0.01	-2.5 to 2.5	Pass
				10	3.85	-8.12	-0.01	-2.5 to 2.5	Pass
				30	3.85	-6.78	-0.01	-2.5 to 2.5	Pass
				40	3.85	-6.57	-0.01	-2.5 to 2.5	Pass
				50	3.85	-6.77	-0.01	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-31.82	-0.04	-2.5 to 2.5	Pass
					3.85	-35.65	-0.05	-2.5 to 2.5	Pass
					4.43	-35.65	-0.05	-2.5 to 2.5	Pass
				-30	3.85	-36.59	-0.05	-2.5 to 2.5	Pass
				-20	3.85	-38.59	-0.05	-2.5 to 2.5	Pass
				-10	3.85	-40.71	-0.06	-2.5 to 2.5	Pass

				0	3.85	-43.13	-0.06	-2.5 to 2.5	Pass
				10	3.85	7.11	0.01	-2.5 to 2.5	Pass
				30	3.85	6.54	0.01	-2.5 to 2.5	Pass
				40	3.85	5.15	0.01	-2.5 to 2.5	Pass
				50	3.85	3.93	0.01	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-2.23	-0.00	-2.5 to 2.5	Pass
					3.85	-0.97	-0.00	-2.5 to 2.5	Pass
					4.43	1.93	0.00	-2.5 to 2.5	Pass
				-30	3.85	3.76	0.01	-2.5 to 2.5	Pass
				-20	3.85	2.29	0.00	-2.5 to 2.5	Pass
				-10	3.85	4.39	0.01	-2.5 to 2.5	Pass
				0	3.85	5.99	0.01	-2.5 to 2.5	Pass
				10	3.85	4.95	0.01	-2.5 to 2.5	Pass
				30	3.85	8.20	0.01	-2.5 to 2.5	Pass
				40	3.85	9.96	0.01	-2.5 to 2.5	Pass
				50	3.85	12.72	0.02	-2.5 to 2.5	Pass
64QAM	699.7	6	0	20	3.27	-7.04	-0.01	-2.5 to 2.5	Pass
					3.85	-4.56	-0.01	-2.5 to 2.5	Pass
					4.43	-3.55	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-3.60	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-2.22	-0.00	-2.5 to 2.5	Pass
				-10	3.85	0.06	0.00	-2.5 to 2.5	Pass
				0	3.85	3.35	0.00	-2.5 to 2.5	Pass
				10	3.85	5.69	0.01	-2.5 to 2.5	Pass
				30	3.85	4.62	0.01	-2.5 to 2.5	Pass
				40	3.85	4.96	0.01	-2.5 to 2.5	Pass
				50	3.85	3.60	0.01	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	3.22	0.00	-2.5 to 2.5	Pass
					3.85	3.82	0.01	-2.5 to 2.5	Pass
					4.43	6.05	0.01	-2.5 to 2.5	Pass
				-30	3.85	6.58	0.01	-2.5 to 2.5	Pass
				-20	3.85	7.50	0.01	-2.5 to 2.5	Pass
				-10	3.85	8.71	0.01	-2.5 to 2.5	Pass
				0	3.85	9.27	0.01	-2.5 to 2.5	Pass
				10	3.85	8.07	0.01	-2.5 to 2.5	Pass
				30	3.85	9.21	0.01	-2.5 to 2.5	Pass
				40	3.85	10.17	0.01	-2.5 to 2.5	Pass
				50	3.85	12.32	0.02	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	14.13	0.02	-2.5 to 2.5	Pass
					3.85	16.36	0.02	-2.5 to 2.5	Pass
					4.43	18.07	0.03	-2.5 to 2.5	Pass
				-30	3.85	20.31	0.03	-2.5 to 2.5	Pass
				-20	3.85	22.92	0.03	-2.5 to 2.5	Pass
				-10	3.85	25.71	0.04	-2.5 to 2.5	Pass
				0	3.85	30.04	0.04	-2.5 to 2.5	Pass
				10	3.85	31.99	0.04	-2.5 to 2.5	Pass
				30	3.85	33.55	0.05	-2.5 to 2.5	Pass
				40	3.85	38.52	0.05	-2.5 to 2.5	Pass
				50	3.85	39.93	0.06	-2.5 to 2.5	Pass

B12_3MHZ TEST RESULT

Band: 12 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	700.5	15	0	20	3.27	17.45	0.02	-2.5 to 2.5	Pass
					3.85	20.46	0.03	-2.5 to 2.5	Pass
					4.43	21.40	0.03	-2.5 to 2.5	Pass
				-30	3.85	21.82	0.03	-2.5 to 2.5	Pass
				-20	3.85	20.17	0.03	-2.5 to 2.5	Pass
				-10	3.85	18.73	0.03	-2.5 to 2.5	Pass
				0	3.85	14.99	0.02	-2.5 to 2.5	Pass
				10	3.85	12.49	0.02	-2.5 to 2.5	Pass
				30	3.85	9.24	0.01	-2.5 to 2.5	Pass
				40	3.85	8.77	0.01	-2.5 to 2.5	Pass
				50	3.85	6.77	0.01	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	4.16	0.01	-2.5 to 2.5	Pass
					3.85	4.51	0.01	-2.5 to 2.5	Pass
					4.43	5.05	0.01	-2.5 to 2.5	Pass
				-30	3.85	5.21	0.01	-2.5 to 2.5	Pass
				-20	3.85	2.00	0.00	-2.5 to 2.5	Pass
				-10	3.85	0.04	0.00	-2.5 to 2.5	Pass
				0	3.85	-3.89	-0.01	-2.5 to 2.5	Pass
				10	3.85	-7.08	-0.01	-2.5 to 2.5	Pass
				30	3.85	-10.27	-0.01	-2.5 to 2.5	Pass
				40	3.85	-16.12	-0.02	-2.5 to 2.5	Pass
				50	3.85	-17.80	-0.03	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-4.72	-0.01	-2.5 to 2.5	Pass
					3.85	-4.71	-0.01	-2.5 to 2.5	Pass
					4.43	-5.02	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-7.55	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-9.38	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-9.67	-0.01	-2.5 to 2.5	Pass
				0	3.85	-11.29	-0.02	-2.5 to 2.5	Pass
				10	3.85	-14.28	-0.02	-2.5 to 2.5	Pass
				30	3.85	-16.14	-0.02	-2.5 to 2.5	Pass
				40	3.85	-18.17	-0.03	-2.5 to 2.5	Pass
				50	3.85	-16.58	-0.02	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.27	5.94	0.01	-2.5 to 2.5	Pass
					3.85	6.87	0.01	-2.5 to 2.5	Pass
					4.43	5.06	0.01	-2.5 to 2.5	Pass
				-30	3.85	7.80	0.01	-2.5 to 2.5	Pass
				-20	3.85	8.31	0.01	-2.5 to 2.5	Pass
				-10	3.85	7.58	0.01	-2.5 to 2.5	Pass
				0	3.85	9.03	0.01	-2.5 to 2.5	Pass
				10	3.85	10.03	0.01	-2.5 to 2.5	Pass
				30	3.85	8.94	0.01	-2.5 to 2.5	Pass
				40	3.85	10.59	0.02	-2.5 to 2.5	Pass
				50	3.85	11.24	0.02	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-22.26	-0.03	-2.5 to 2.5	Pass
					3.85	-24.93	-0.04	-2.5 to 2.5	Pass
					4.43	-28.48	-0.04	-2.5 to 2.5	Pass
				-30	3.85	-29.44	-0.04	-2.5 to 2.5	Pass
				-20	3.85	-32.19	-0.05	-2.5 to 2.5	Pass
				-10	3.85	-32.86	-0.05	-2.5 to 2.5	Pass
				0	3.85	-32.53	-0.05	-2.5 to 2.5	Pass
				10	3.85	-32.24	-0.05	-2.5 to 2.5	Pass
				30	3.85	-35.23	-0.05	-2.5 to 2.5	Pass
				40	3.85	-33.45	-0.05	-2.5 to 2.5	Pass
				50	3.85	-34.16	-0.05	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-15.45	-0.02	-2.5 to 2.5	Pass
					3.85	-16.09	-0.02	-2.5 to 2.5	Pass

					4.43	-16.16	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-17.77	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-15.56	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-15.75	-0.02	-2.5 to 2.5	Pass
				0	3.85	-14.06	-0.02	-2.5 to 2.5	Pass
				10	3.85	-14.06	-0.02	-2.5 to 2.5	Pass
				30	3.85	-12.72	-0.02	-2.5 to 2.5	Pass
				40	3.85	-14.03	-0.02	-2.5 to 2.5	Pass
				50	3.85	-15.82	-0.02	-2.5 to 2.5	Pass
64QAM	700.5	15	0	20	3.27	13.18	0.02	-2.5 to 2.5	Pass
					3.85	14.55	0.02	-2.5 to 2.5	Pass
					4.43	16.27	0.02	-2.5 to 2.5	Pass
				-30	3.85	18.60	0.03	-2.5 to 2.5	Pass
				-20	3.85	17.95	0.03	-2.5 to 2.5	Pass
				-10	3.85	21.00	0.03	-2.5 to 2.5	Pass
				0	3.85	21.83	0.03	-2.5 to 2.5	Pass
				10	3.85	23.57	0.03	-2.5 to 2.5	Pass
				30	3.85	23.83	0.03	-2.5 to 2.5	Pass
				40	3.85	25.18	0.04	-2.5 to 2.5	Pass
				50	3.85	23.96	0.03	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-32.31	-0.05	-2.5 to 2.5	Pass
					3.85	-29.35	-0.04	-2.5 to 2.5	Pass
					4.43	-28.84	-0.04	-2.5 to 2.5	Pass
				-30	3.85	-29.27	-0.04	-2.5 to 2.5	Pass
				-20	3.85	-28.20	-0.04	-2.5 to 2.5	Pass
				-10	3.85	-25.08	-0.04	-2.5 to 2.5	Pass
				0	3.85	-22.69	-0.03	-2.5 to 2.5	Pass
				10	3.85	-22.16	-0.03	-2.5 to 2.5	Pass
				30	3.85	-19.38	-0.03	-2.5 to 2.5	Pass
				40	3.85	-18.00	-0.03	-2.5 to 2.5	Pass
				50	3.85	-18.88	-0.03	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-13.12	-0.02	-2.5 to 2.5	Pass
					3.85	-10.27	-0.01	-2.5 to 2.5	Pass
					4.43	-8.01	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-5.25	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-4.55	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-0.96	-0.00	-2.5 to 2.5	Pass
				0	3.85	-0.83	-0.00	-2.5 to 2.5	Pass
				10	3.85	1.23	0.00	-2.5 to 2.5	Pass
				30	3.85	4.58	0.01	-2.5 to 2.5	Pass
				40	3.85	5.91	0.01	-2.5 to 2.5	Pass
				50	3.85	7.87	0.01	-2.5 to 2.5	Pass

B12_5MHZ TEST RESULT

Band: 12 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	701.5	25	0	20	3.27	-1.14	-0.00	-2.5 to 2.5	Pass
					3.85	3.82	0.01	-2.5 to 2.5	Pass
					4.43	6.50	0.01	-2.5 to 2.5	Pass
				-30	3.85	8.78	0.01	-2.5 to 2.5	Pass
				-20	3.85	6.22	0.01	-2.5 to 2.5	Pass
				-10	3.85	2.16	0.00	-2.5 to 2.5	Pass
				0	3.85	2.09	0.00	-2.5 to 2.5	Pass
				10	3.85	-1.79	-0.00	-2.5 to 2.5	Pass
				30	3.85	-5.08	-0.01	-2.5 to 2.5	Pass
				40	3.85	-7.80	-0.01	-2.5 to 2.5	Pass
				50	3.85	-9.63	-0.01	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-7.85	-0.01	-2.5 to 2.5	Pass
					3.85	-7.35	-0.01	-2.5 to 2.5	Pass
					4.43	-11.46	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-8.55	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-10.71	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-16.74	-0.02	-2.5 to 2.5	Pass
				0	3.85	-19.21	-0.03	-2.5 to 2.5	Pass
				10	3.85	-20.96	-0.03	-2.5 to 2.5	Pass
				30	3.85	-23.93	-0.03	-2.5 to 2.5	Pass
				40	3.85	-27.70	-0.04	-2.5 to 2.5	Pass
				50	3.85	-32.63	-0.05	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	4.69	0.01	-2.5 to 2.5	Pass
					3.85	4.49	0.01	-2.5 to 2.5	Pass
					4.43	5.08	0.01	-2.5 to 2.5	Pass
				-30	3.85	6.94	0.01	-2.5 to 2.5	Pass
				-20	3.85	4.51	0.01	-2.5 to 2.5	Pass
				-10	3.85	2.93	0.00	-2.5 to 2.5	Pass
				0	3.85	1.76	0.00	-2.5 to 2.5	Pass
				10	3.85	0.93	0.00	-2.5 to 2.5	Pass
				30	3.85	-2.83	-0.00	-2.5 to 2.5	Pass
				40	3.85	-5.82	-0.01	-2.5 to 2.5	Pass
				50	3.85	-8.27	-0.01	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	-13.20	-0.02	-2.5 to 2.5	Pass
					3.85	-14.03	-0.02	-2.5 to 2.5	Pass
					4.43	-17.22	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-18.43	-0.03	-2.5 to 2.5	Pass
				-20	3.85	-19.57	-0.03	-2.5 to 2.5	Pass
				-10	3.85	-17.85	-0.03	-2.5 to 2.5	Pass
				0	3.85	-18.62	-0.03	-2.5 to 2.5	Pass
				10	3.85	-18.15	-0.03	-2.5 to 2.5	Pass
				30	3.85	-18.70	-0.03	-2.5 to 2.5	Pass
				40	3.85	-19.60	-0.03	-2.5 to 2.5	Pass
				50	3.85	-21.53	-0.03	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-35.78	-0.05	-2.5 to 2.5	Pass
					3.85	-38.88	-0.06	-2.5 to 2.5	Pass
					4.43	-39.30	-0.06	-2.5 to 2.5	Pass
				-30	3.85	-41.76	-0.06	-2.5 to 2.5	Pass
				-20	3.85	-44.37	-0.06	-2.5 to 2.5	Pass
				-10	3.85	-40.45	-0.06	-2.5 to 2.5	Pass
				0	3.85	8.91	0.01	-2.5 to 2.5	Pass
				10	3.85	8.64	0.01	-2.5 to 2.5	Pass
				30	3.85	8.34	0.01	-2.5 to 2.5	Pass
				40	3.85	7.55	0.01	-2.5 to 2.5	Pass
				50	3.85	7.85	0.01	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-8.94	-0.01	-2.5 to 2.5	Pass
					3.85	-10.81	-0.02	-2.5 to 2.5	Pass

					4.43	-12.83	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-12.26	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-11.06	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-11.00	-0.02	-2.5 to 2.5	Pass
				0	3.85	-9.60	-0.01	-2.5 to 2.5	Pass
				10	3.85	-8.33	-0.01	-2.5 to 2.5	Pass
				30	3.85	-7.83	-0.01	-2.5 to 2.5	Pass
				40	3.85	-8.22	-0.01	-2.5 to 2.5	Pass
				50	3.85	-6.92	-0.01	-2.5 to 2.5	Pass
64QAM	701.5	25	0	20	3.27	-19.53	-0.03	-2.5 to 2.5	Pass
					3.85	-16.36	-0.02	-2.5 to 2.5	Pass
					4.43	-17.27	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-16.39	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-15.58	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-14.81	-0.02	-2.5 to 2.5	Pass
				0	3.85	-14.61	-0.02	-2.5 to 2.5	Pass
				10	3.85	-15.21	-0.02	-2.5 to 2.5	Pass
				30	3.85	-11.34	-0.02	-2.5 to 2.5	Pass
				40	3.85	-12.22	-0.02	-2.5 to 2.5	Pass
				50	3.85	-8.30	-0.01	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	7.95	0.01	-2.5 to 2.5	Pass
					3.85	7.45	0.01	-2.5 to 2.5	Pass
					4.43	6.81	0.01	-2.5 to 2.5	Pass
				-30	3.85	6.08	0.01	-2.5 to 2.5	Pass
				-20	3.85	5.16	0.01	-2.5 to 2.5	Pass
				-10	3.85	8.81	0.01	-2.5 to 2.5	Pass
				0	3.85	11.47	0.02	-2.5 to 2.5	Pass
				10	3.85	13.79	0.02	-2.5 to 2.5	Pass
				30	3.85	14.32	0.02	-2.5 to 2.5	Pass
				40	3.85	13.88	0.02	-2.5 to 2.5	Pass
				50	3.85	15.05	0.02	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-4.99	-0.01	-2.5 to 2.5	Pass
					3.85	-4.21	-0.01	-2.5 to 2.5	Pass
					4.43	-0.67	-0.00	-2.5 to 2.5	Pass
				-30	3.85	0.37	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.99	0.00	-2.5 to 2.5	Pass
				-10	3.85	2.63	0.00	-2.5 to 2.5	Pass
				0	3.85	3.71	0.01	-2.5 to 2.5	Pass
				10	3.85	7.52	0.01	-2.5 to 2.5	Pass
				30	3.85	10.33	0.01	-2.5 to 2.5	Pass
				40	3.85	13.09	0.02	-2.5 to 2.5	Pass
				50	3.85	13.70	0.02	-2.5 to 2.5	Pass

B12_10MHZ TEST RESULT

Band: 12 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	704	50	0	20	3.27	9.05	0.01	-2.5 to 2.5	Pass
					3.85	11.19	0.02	-2.5 to 2.5	Pass
					4.43	12.03	0.02	-2.5 to 2.5	Pass
				-30	3.85	11.60	0.02	-2.5 to 2.5	Pass
				-20	3.85	9.57	0.01	-2.5 to 2.5	Pass
				-10	3.85	2.62	0.00	-2.5 to 2.5	Pass
				0	3.85	-1.36	-0.00	-2.5 to 2.5	Pass
				10	3.85	-4.99	-0.01	-2.5 to 2.5	Pass
				30	3.85	-5.28	-0.01	-2.5 to 2.5	Pass
				40	3.85	-9.18	-0.01	-2.5 to 2.5	Pass
				50	3.85	-13.52	-0.02	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-2.35	-0.00	-2.5 to 2.5	Pass
					3.85	-6.35	-0.01	-2.5 to 2.5	Pass
					4.43	-11.53	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-18.43	-0.03	-2.5 to 2.5	Pass
				-20	3.85	-25.02	-0.04	-2.5 to 2.5	Pass
				-10	3.85	-29.53	-0.04	-2.5 to 2.5	Pass
				0	3.85	-35.42	-0.05	-2.5 to 2.5	Pass
				10	3.85	-41.26	-0.06	-2.5 to 2.5	Pass
				30	3.85	-41.86	-0.06	-2.5 to 2.5	Pass
				40	3.85	-5.11	-0.01	-2.5 to 2.5	Pass
				50	3.85	-9.67	-0.01	-2.5 to 2.5	Pass
	711	50	0	20	3.27	3.23	0.00	-2.5 to 2.5	Pass
					3.85	1.56	0.00	-2.5 to 2.5	Pass
					4.43	-2.56	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-6.59	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-12.67	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-17.24	-0.02	-2.5 to 2.5	Pass
				0	3.85	-29.14	-0.04	-2.5 to 2.5	Pass
				10	3.85	-32.39	-0.05	-2.5 to 2.5	Pass
				30	3.85	-39.00	-0.05	-2.5 to 2.5	Pass
				40	3.85	-18.67	-0.03	-2.5 to 2.5	Pass
				50	3.85	-6.92	-0.01	-2.5 to 2.5	Pass
16QAM	704	50	0	20	3.27	-17.47	-0.02	-2.5 to 2.5	Pass
					3.85	-18.77	-0.03	-2.5 to 2.5	Pass
					4.43	-17.62	-0.03	-2.5 to 2.5	Pass
				-30	3.85	-15.26	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-15.81	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-14.83	-0.02	-2.5 to 2.5	Pass
				0	3.85	-15.78	-0.02	-2.5 to 2.5	Pass
				10	3.85	-17.09	-0.02	-2.5 to 2.5	Pass
				30	3.85	-15.76	-0.02	-2.5 to 2.5	Pass
				40	3.85	-17.82	-0.03	-2.5 to 2.5	Pass
				50	3.85	-17.02	-0.02	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-16.57	-0.02	-2.5 to 2.5	Pass
					3.85	-19.64	-0.03	-2.5 to 2.5	Pass
					4.43	-20.83	-0.03	-2.5 to 2.5	Pass
				-30	3.85	-21.34	-0.03	-2.5 to 2.5	Pass
				-20	3.85	-21.99	-0.03	-2.5 to 2.5	Pass
				-10	3.85	-22.60	-0.03	-2.5 to 2.5	Pass
				0	3.85	-23.39	-0.03	-2.5 to 2.5	Pass
				10	3.85	-23.75	-0.03	-2.5 to 2.5	Pass
				30	3.85	-24.43	-0.03	-2.5 to 2.5	Pass
				40	3.85	-23.63	-0.03	-2.5 to 2.5	Pass
				50	3.85	-24.88	-0.04	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-9.40	-0.01	-2.5 to 2.5	Pass
					3.85	-12.63	-0.02	-2.5 to 2.5	Pass

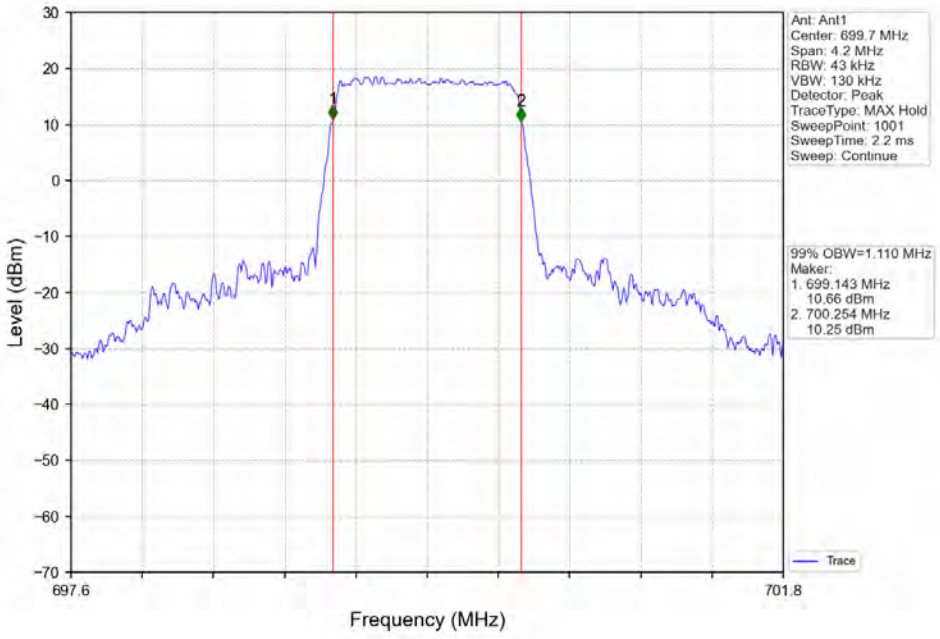
					4.43	-13.28	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-11.34	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-10.91	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-12.77	-0.02	-2.5 to 2.5	Pass
				0	3.85	-14.38	-0.02	-2.5 to 2.5	Pass
				10	3.85	-12.57	-0.02	-2.5 to 2.5	Pass
				30	3.85	-11.72	-0.02	-2.5 to 2.5	Pass
				40	3.85	-11.86	-0.02	-2.5 to 2.5	Pass
				50	3.85	-11.95	-0.02	-2.5 to 2.5	Pass
64QAM	704	50	0	20	3.27	-15.68	-0.02	-2.5 to 2.5	Pass
					3.85	-12.83	-0.02	-2.5 to 2.5	Pass
					4.43	-10.20	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-12.09	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-9.03	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-4.42	-0.01	-2.5 to 2.5	Pass
				0	3.85	-1.12	-0.00	-2.5 to 2.5	Pass
				10	3.85	1.16	0.00	-2.5 to 2.5	Pass
				30	3.85	3.60	0.01	-2.5 to 2.5	Pass
				40	3.85	7.61	0.01	-2.5 to 2.5	Pass
				50	3.85	7.25	0.01	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-24.99	-0.04	-2.5 to 2.5	Pass
					3.85	-22.09	-0.03	-2.5 to 2.5	Pass
					4.43	-20.53	-0.03	-2.5 to 2.5	Pass
				-30	3.85	-21.54	-0.03	-2.5 to 2.5	Pass
				-20	3.85	-19.83	-0.03	-2.5 to 2.5	Pass
				-10	3.85	-19.23	-0.03	-2.5 to 2.5	Pass
				0	3.85	-19.44	-0.03	-2.5 to 2.5	Pass
				10	3.85	-16.74	-0.02	-2.5 to 2.5	Pass
				30	3.85	-19.88	-0.03	-2.5 to 2.5	Pass
				40	3.85	-18.32	-0.03	-2.5 to 2.5	Pass
				50	3.85	-16.94	-0.02	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-10.50	-0.01	-2.5 to 2.5	Pass
					3.85	-6.65	-0.01	-2.5 to 2.5	Pass
					4.43	-6.25	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-2.03	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.52	-0.00	-2.5 to 2.5	Pass
				-10	3.85	1.13	0.00	-2.5 to 2.5	Pass
				0	3.85	6.01	0.01	-2.5 to 2.5	Pass
				10	3.85	6.70	0.01	-2.5 to 2.5	Pass
				30	3.85	7.21	0.01	-2.5 to 2.5	Pass
				40	3.85	10.17	0.01	-2.5 to 2.5	Pass
				50	3.85	10.07	0.01	-2.5 to 2.5	Pass

99% & 26DB BANDWIDTH 99%_OBW TEST RESULT

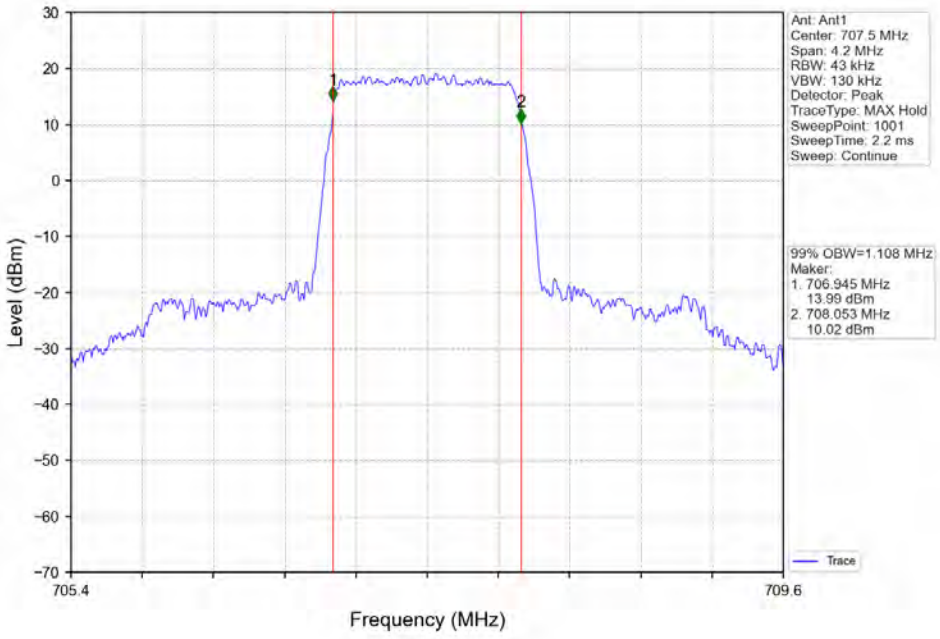
Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.110	Pass
		707.5	6	0	1.108	Pass
		715.3	6	0	1.113	Pass
	16QAM	699.7	6	0	1.110	Pass
		707.5	6	0	1.119	Pass
		715.3	6	0	1.121	Pass
	64QAM	699.7	6	0	1.111	Pass
		707.5	6	0	1.106	Pass
		715.3	6	0	1.109	Pass
3	QPSK	700.5	15	0	2.747	Pass
		707.5	15	0	2.766	Pass
		714.5	15	0	2.767	Pass
	16QAM	700.5	15	0	2.750	Pass
		707.5	15	0	2.749	Pass
		714.5	15	0	2.769	Pass
	64QAM	700.5	15	0	2.765	Pass
		707.5	15	0	2.748	Pass
		714.5	15	0	2.755	Pass
5	QPSK	701.5	25	0	4.574	Pass
		707.5	25	0	4.564	Pass
		713.5	25	0	4.549	Pass
	16QAM	701.5	25	0	4.560	Pass
		707.5	25	0	4.572	Pass
		713.5	25	0	4.545	Pass
	64QAM	701.5	25	0	4.549	Pass
		707.5	25	0	4.559	Pass
		713.5	25	0	4.542	Pass
10	QPSK	704	50	0	9.073	Pass
		707.5	50	0	9.082	Pass
		711	50	0	9.078	Pass
	16QAM	704	50	0	9.073	Pass
		707.5	50	0	9.096	Pass
		711	50	0	9.075	Pass
	64QAM	704	50	0	9.060	Pass
		707.5	50	0	9.064	Pass
		711	50	0	9.087	Pass

TEST GRAPH

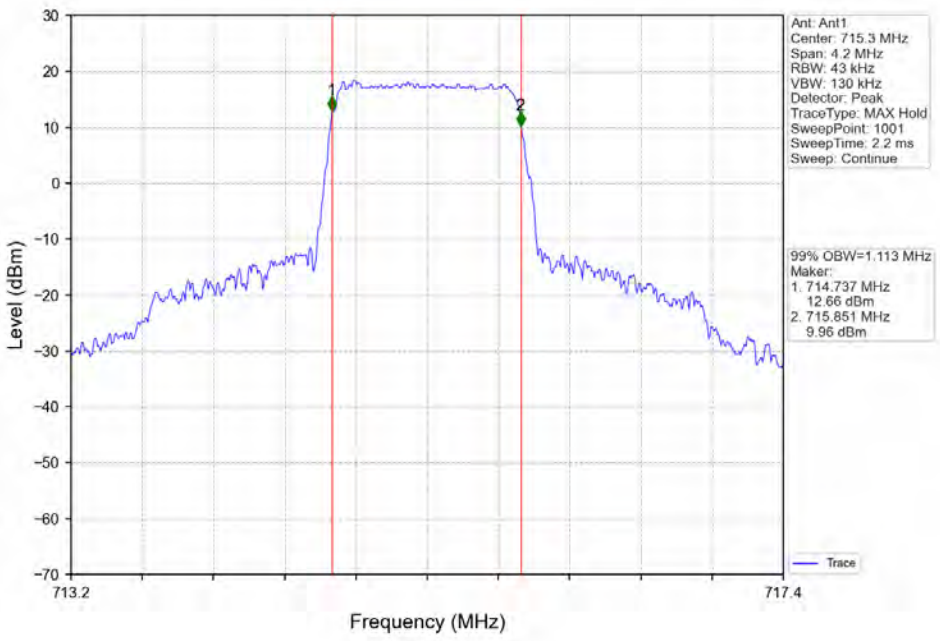
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



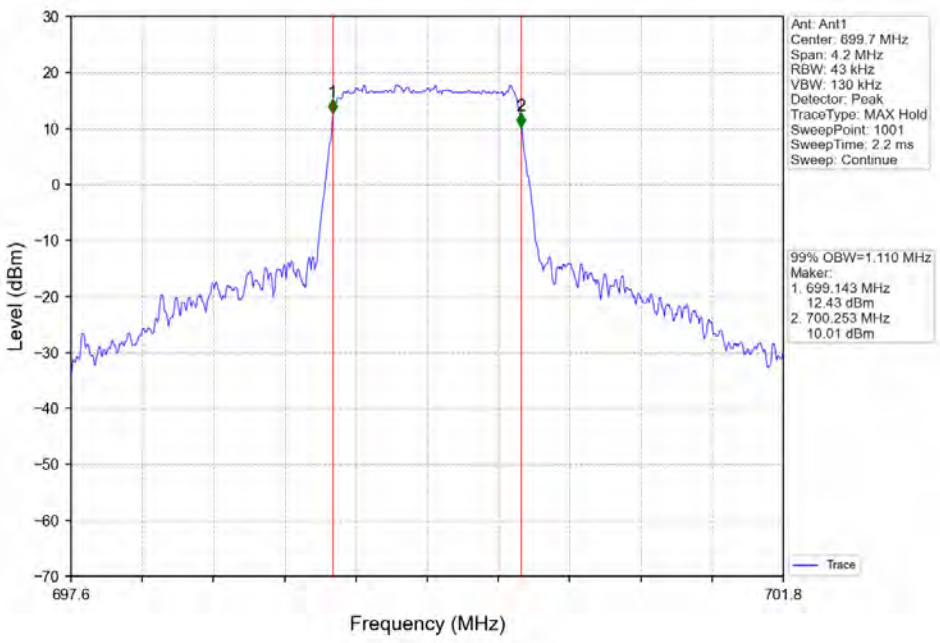
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



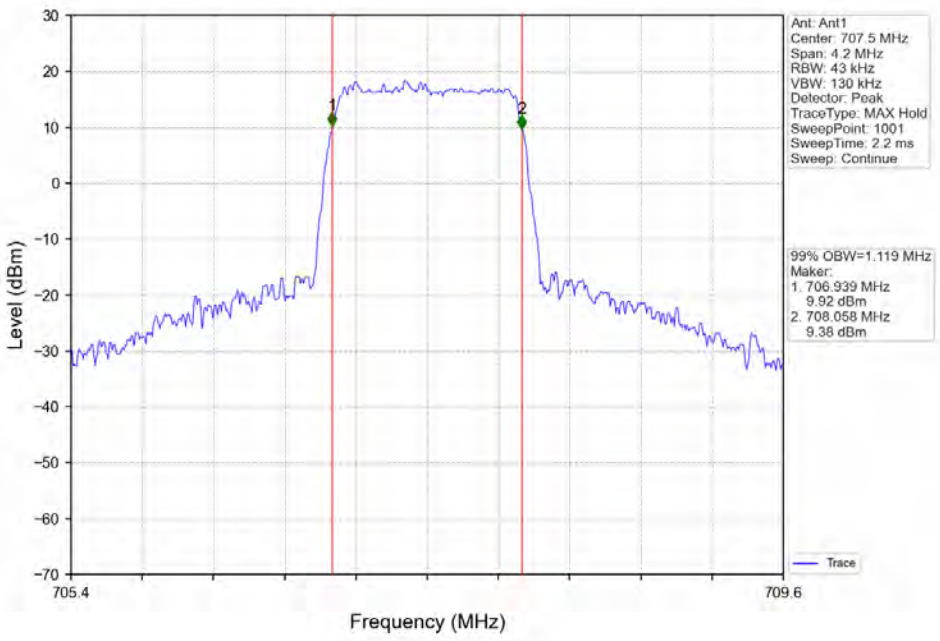
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



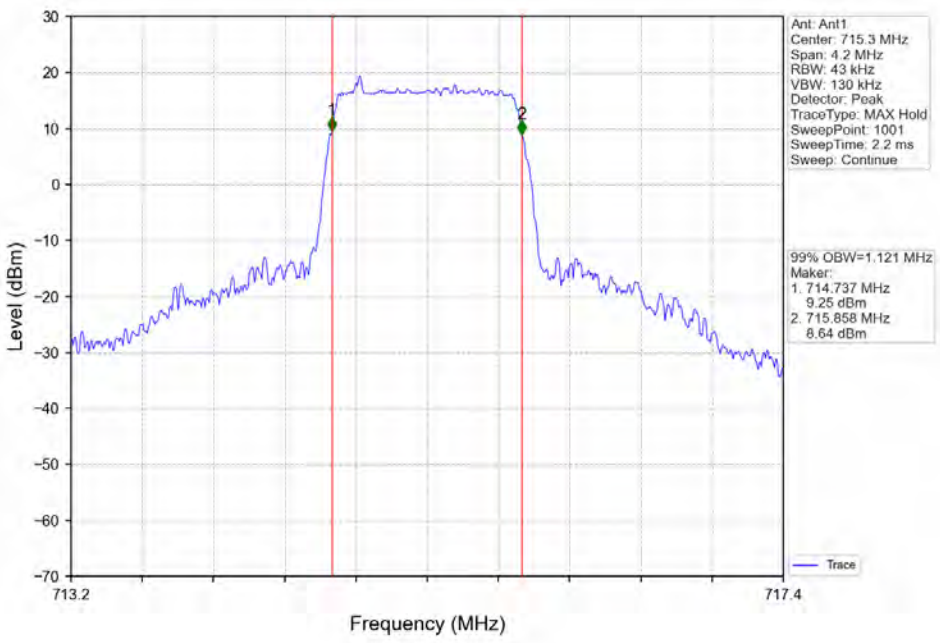
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



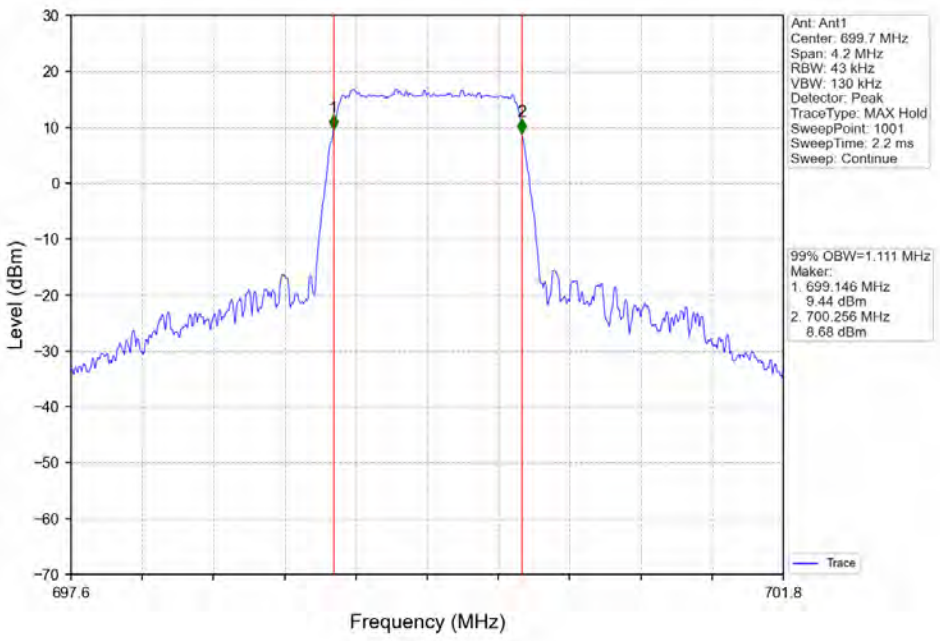
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



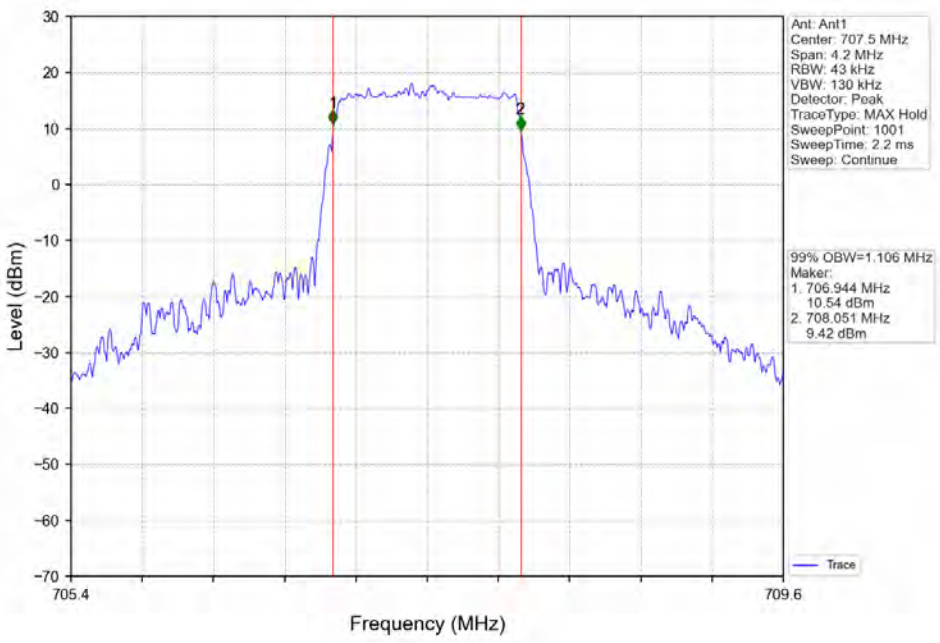
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



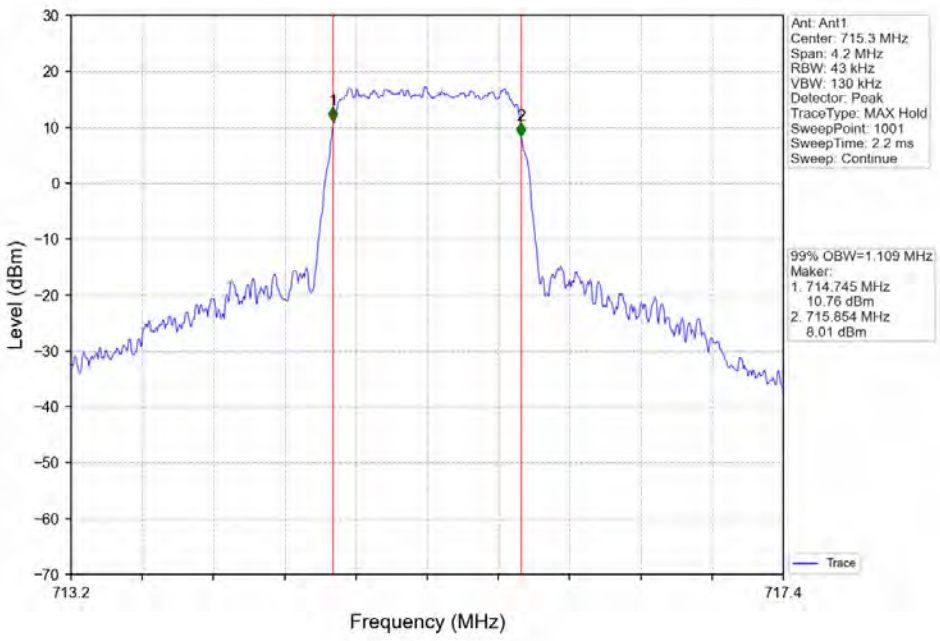
Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_6_0_NTNV



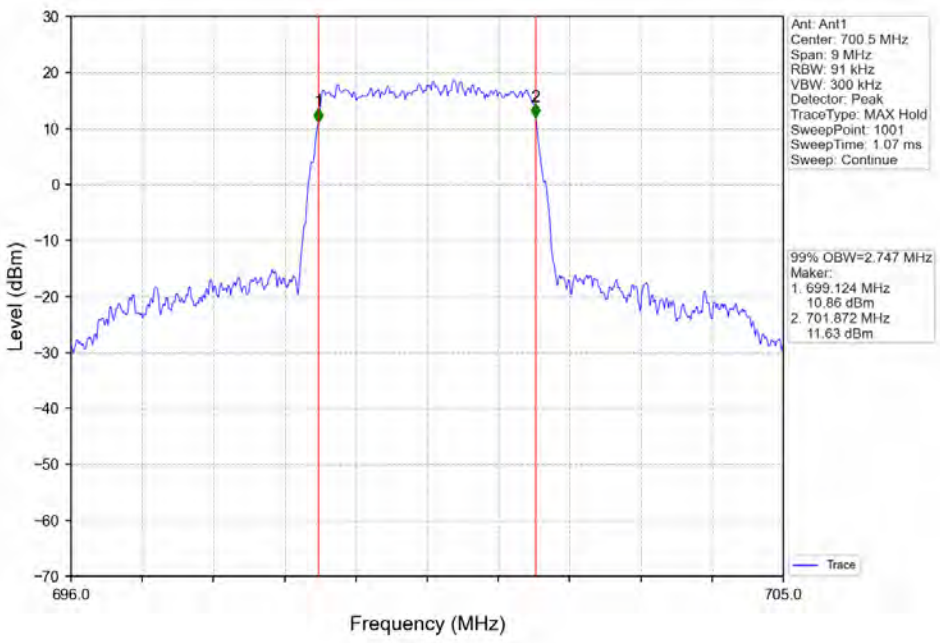
Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



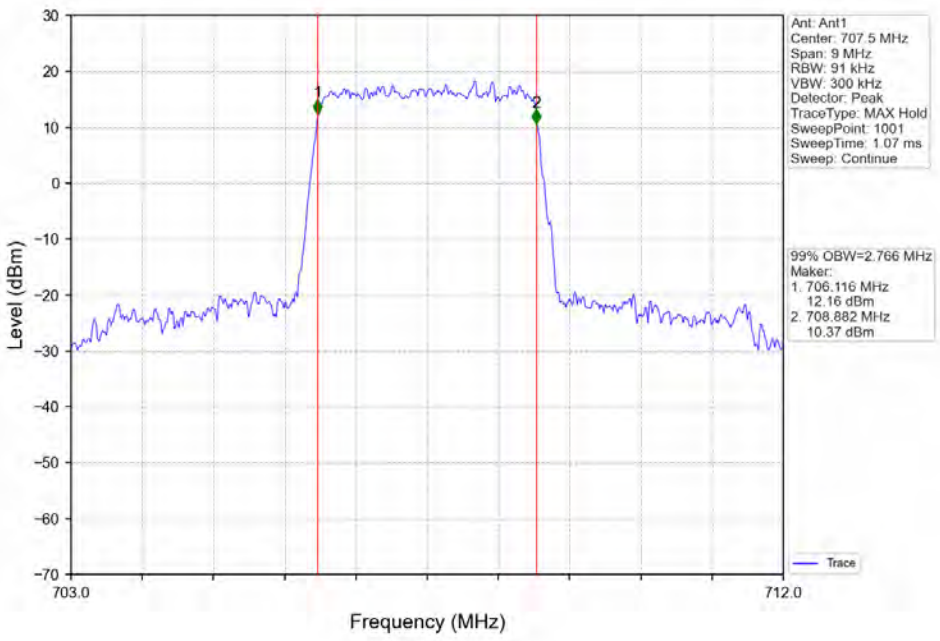
Band12_1.4MHz_64QAM_HCH_715.3MHz_RB_6_0_NTNV



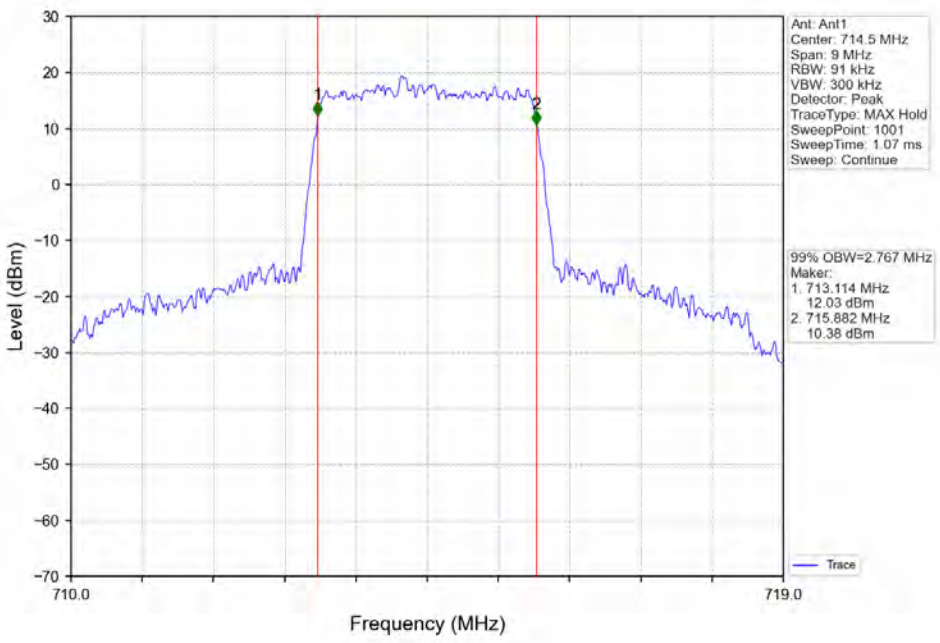
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



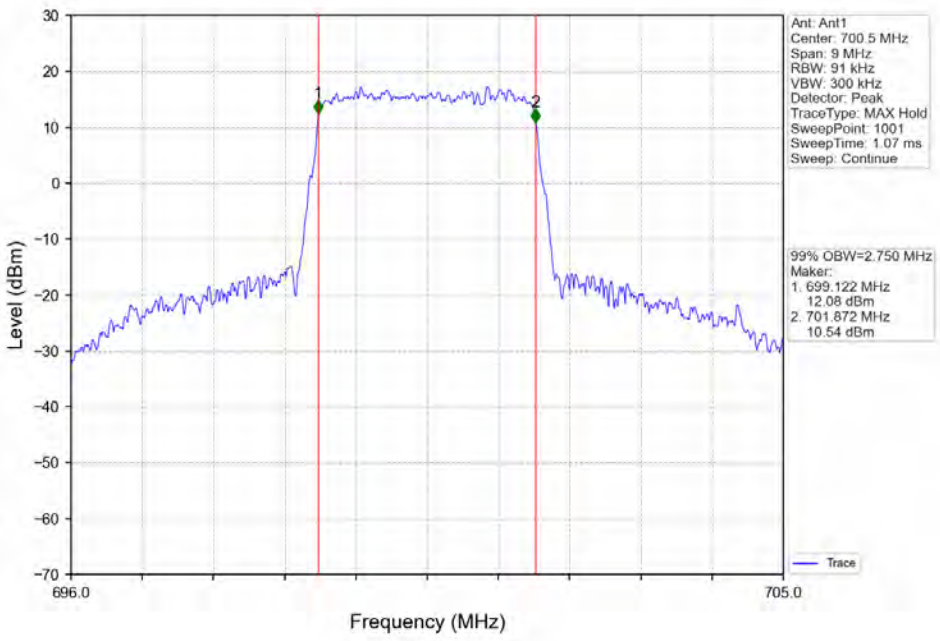
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



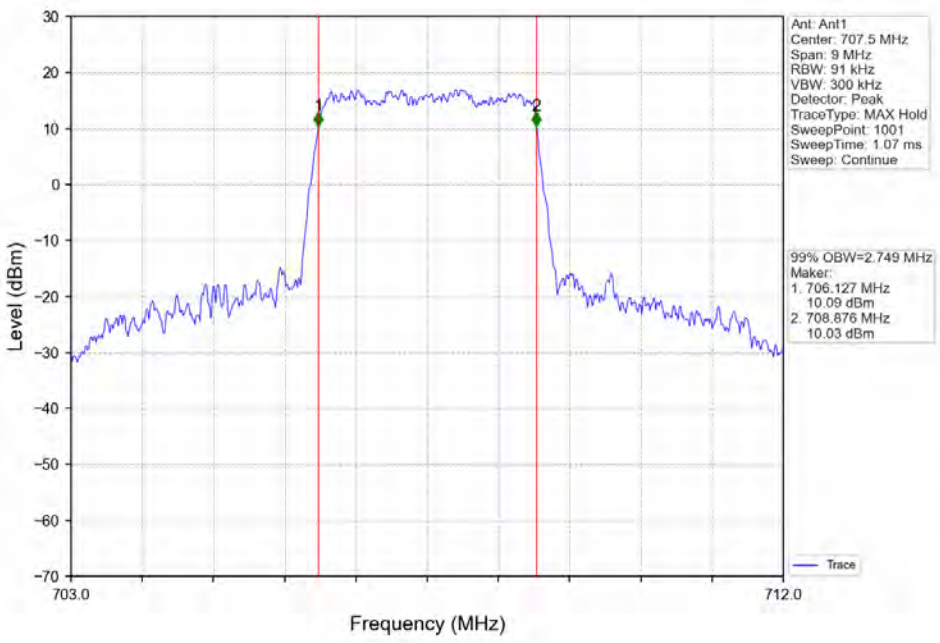
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



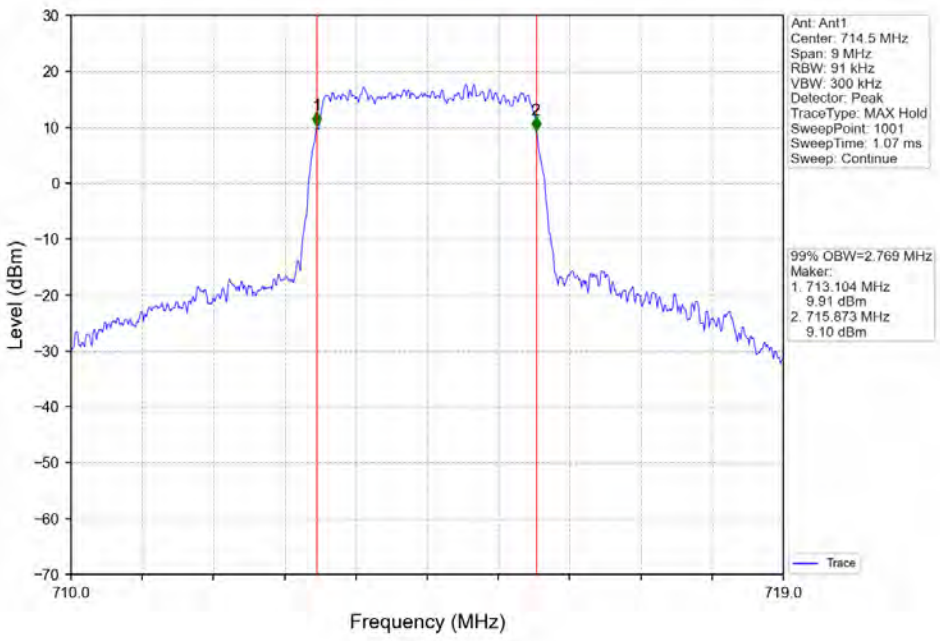
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



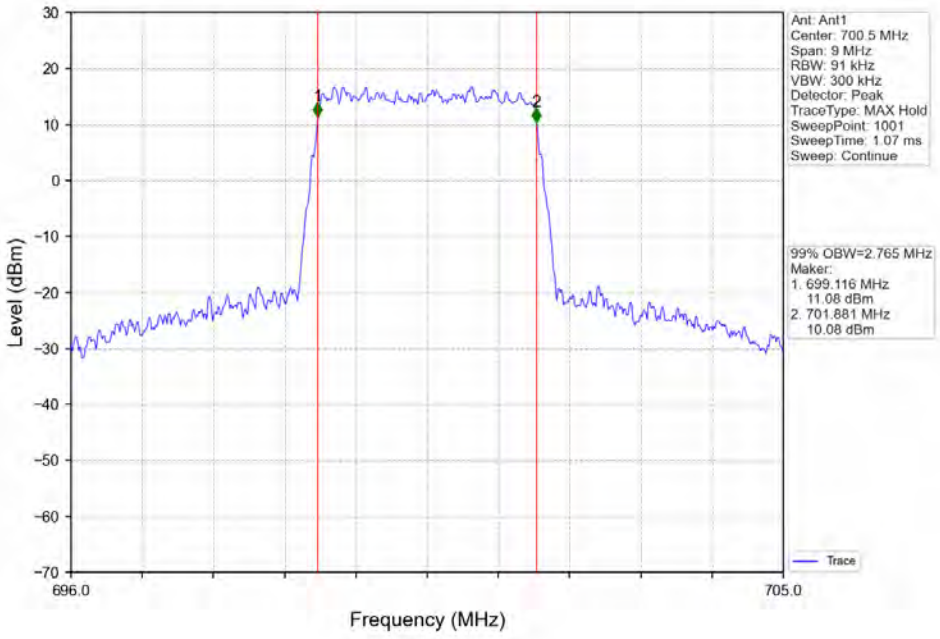
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



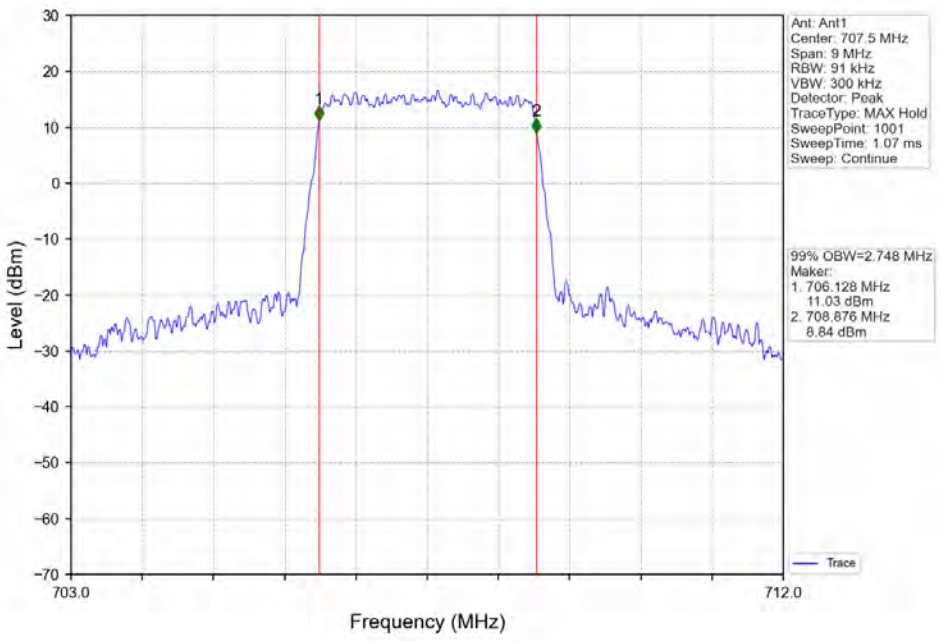
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



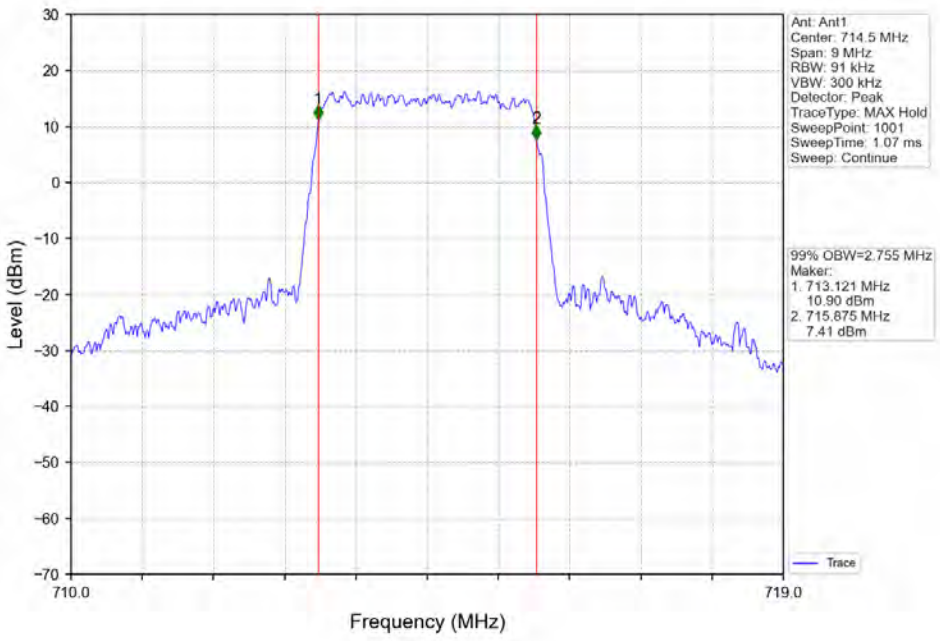
Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



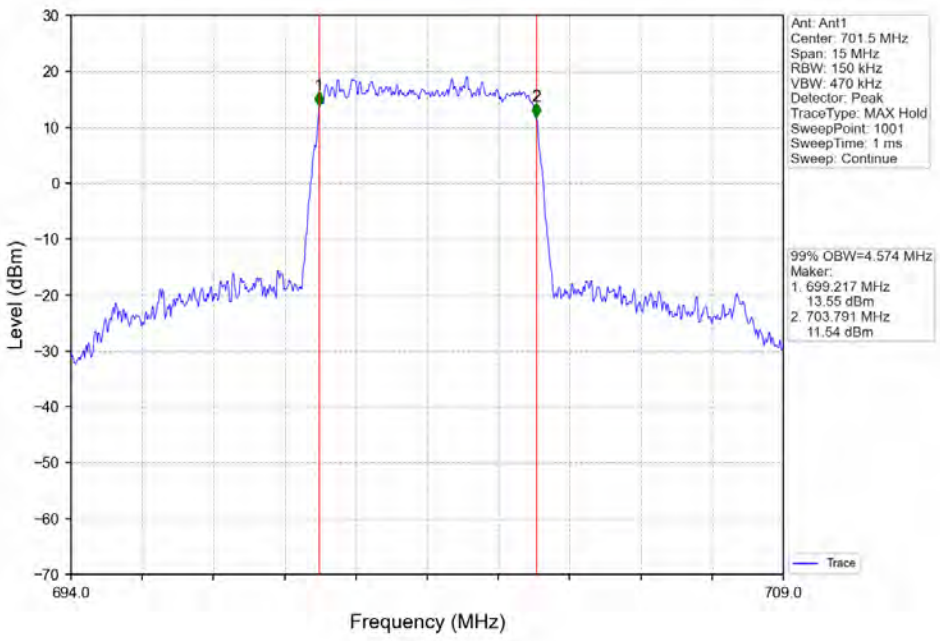
Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV



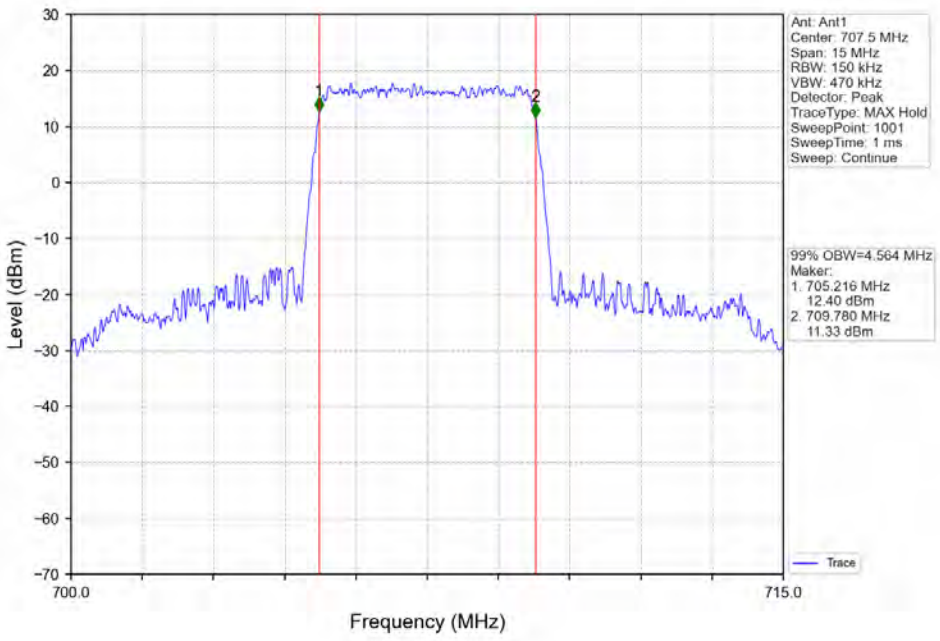
Band12_3MHz_64QAM_HCH_714.5MHz_RB_15_0_NTNV



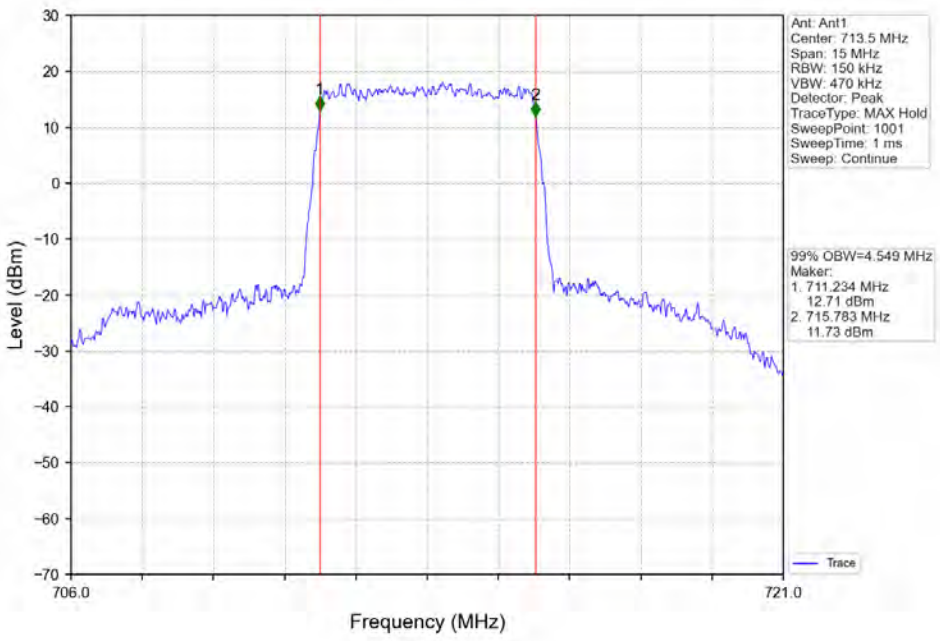
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



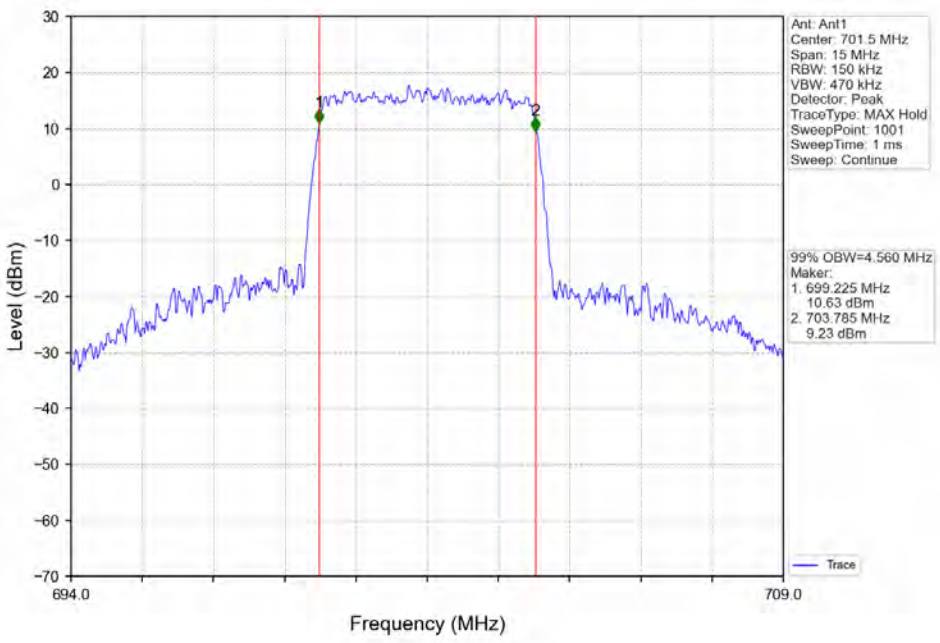
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



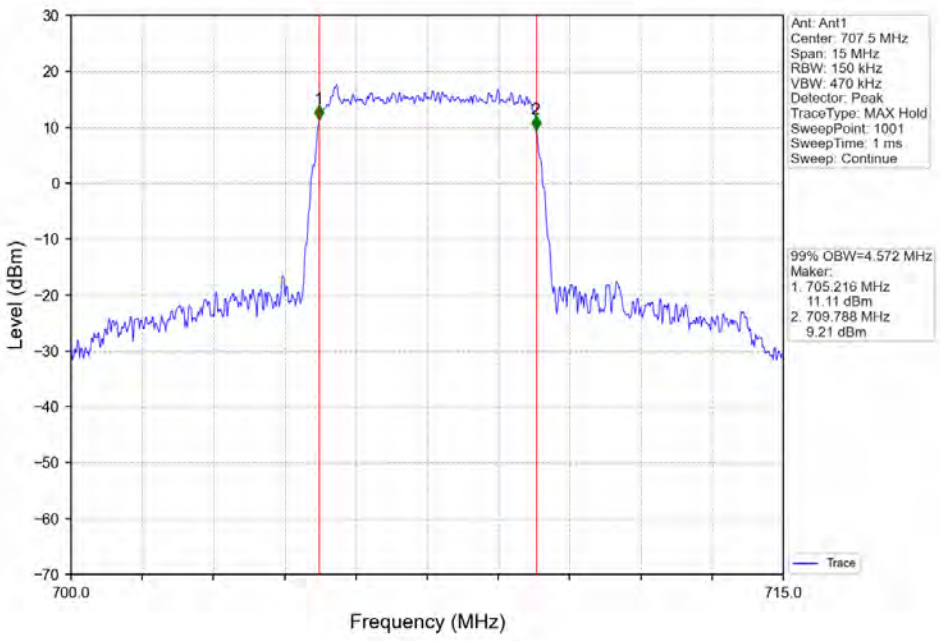
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



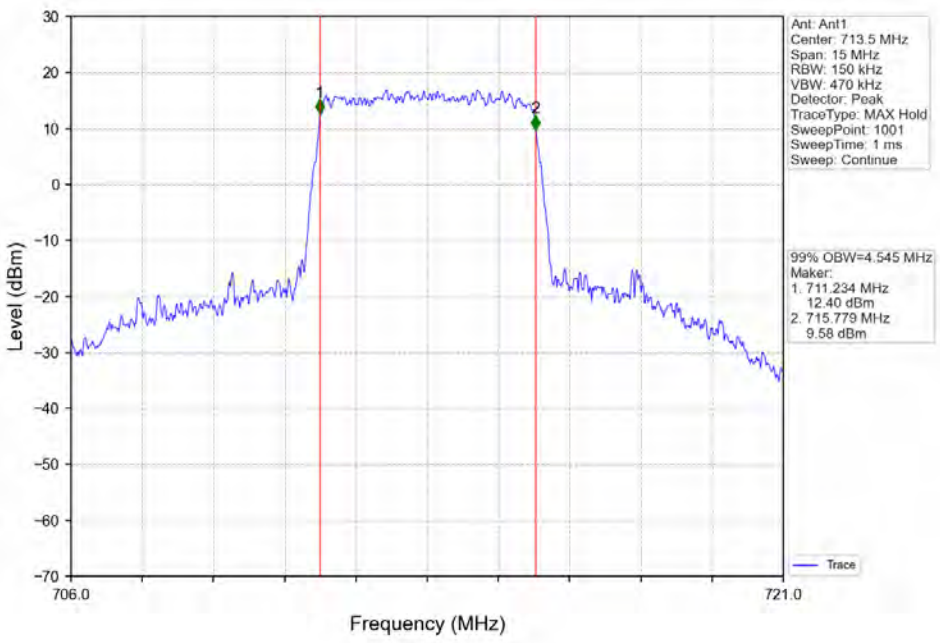
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



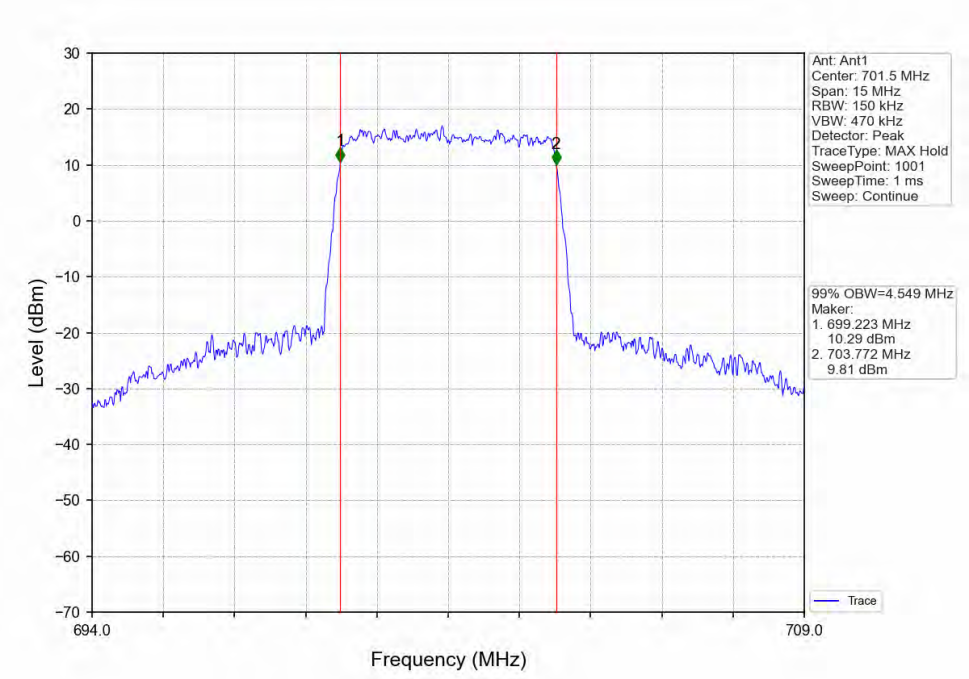
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



Band12_5MHz_64QAM_LCH_701.5MHz_RB_25_0_NTNV



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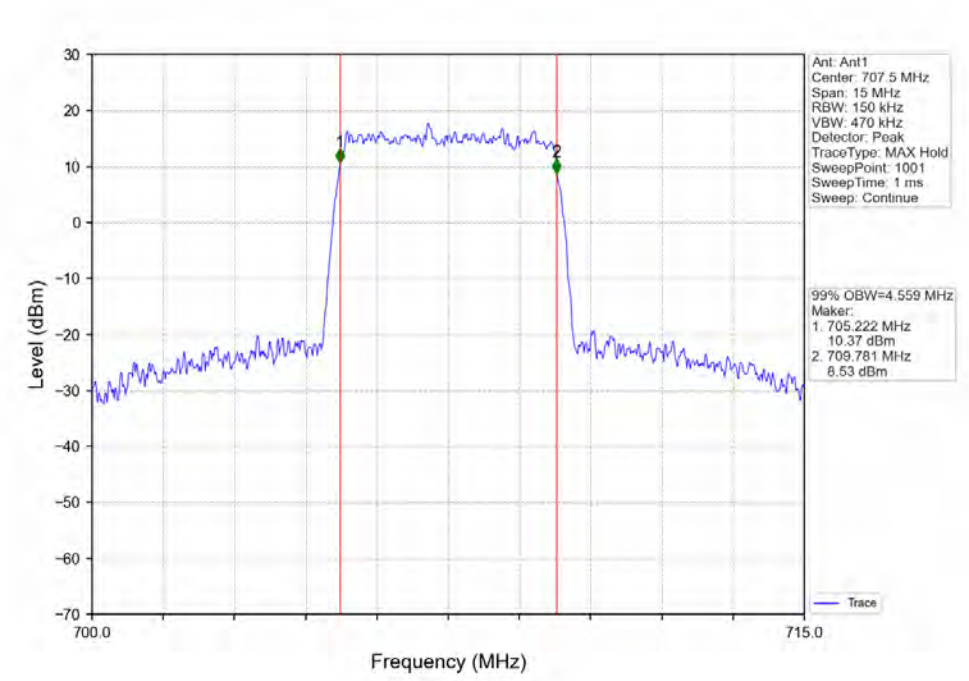

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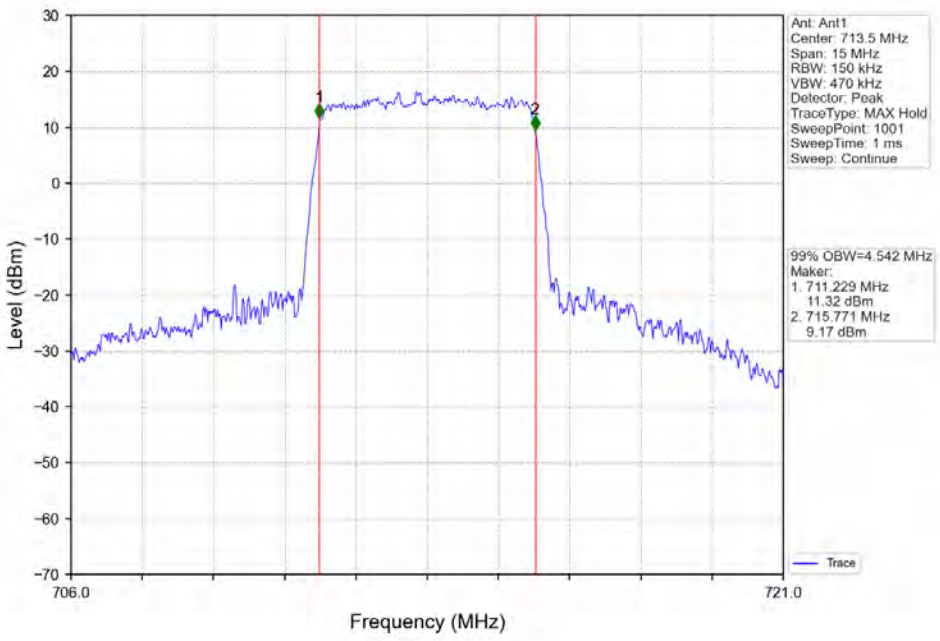

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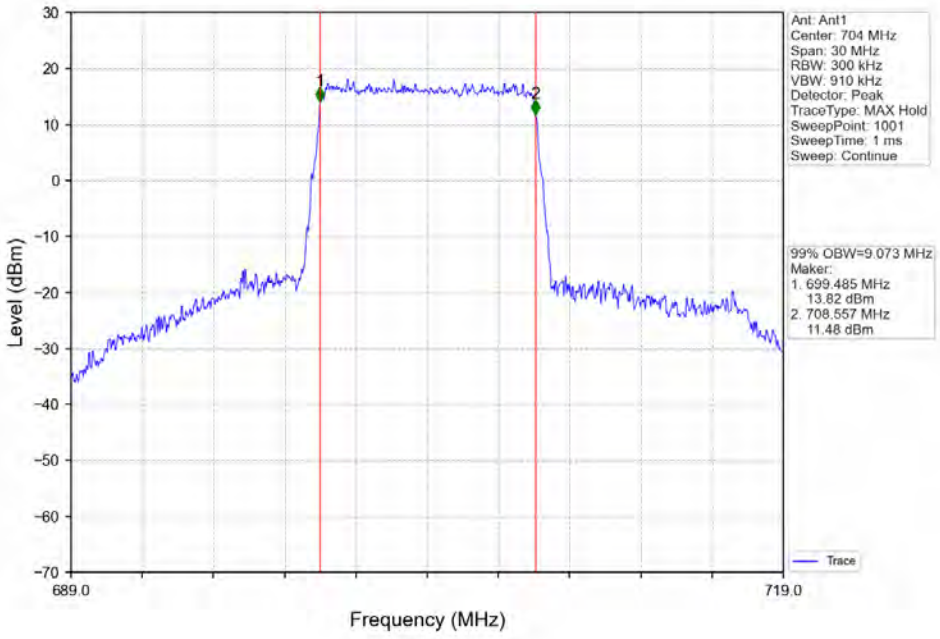

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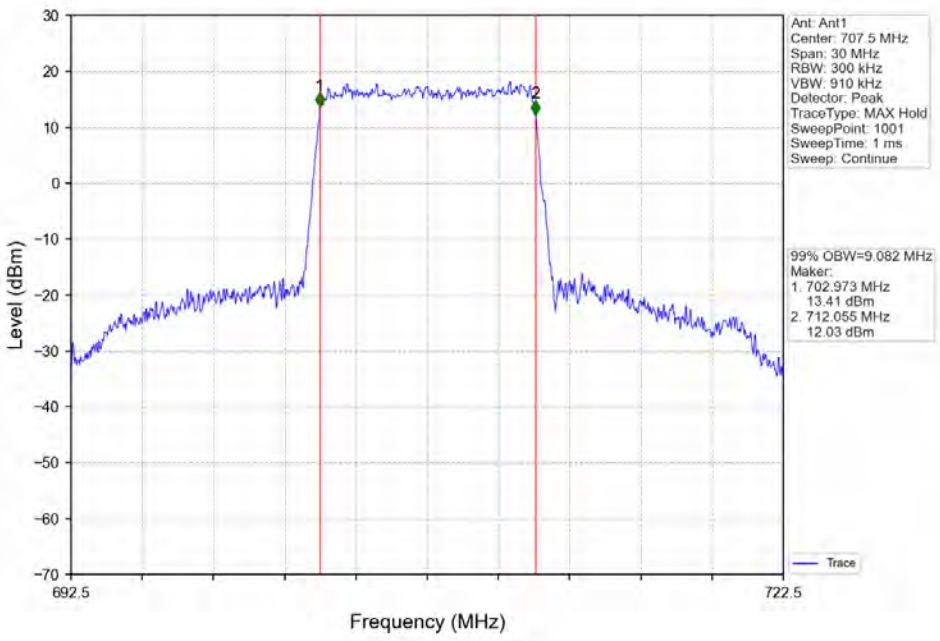

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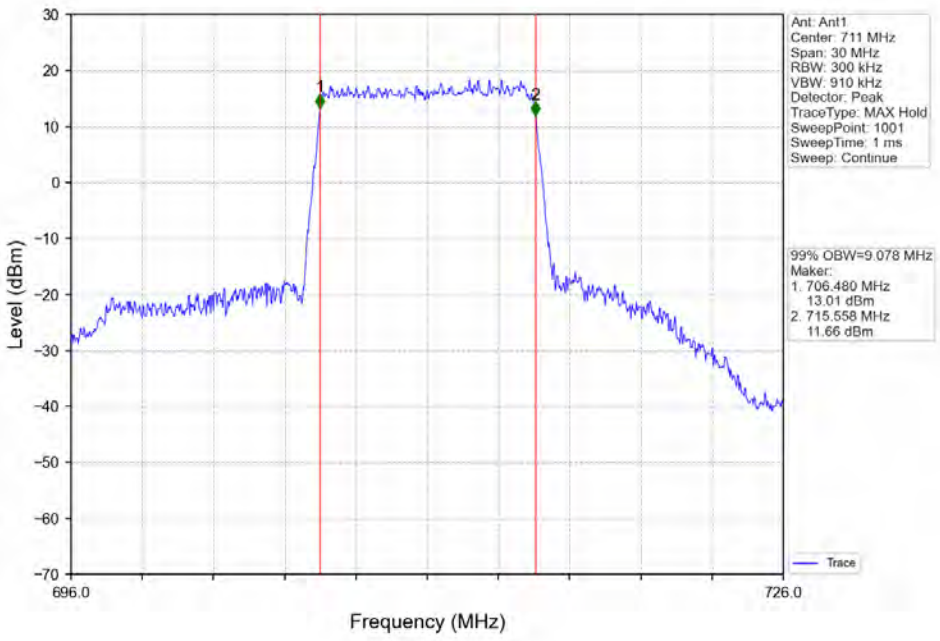

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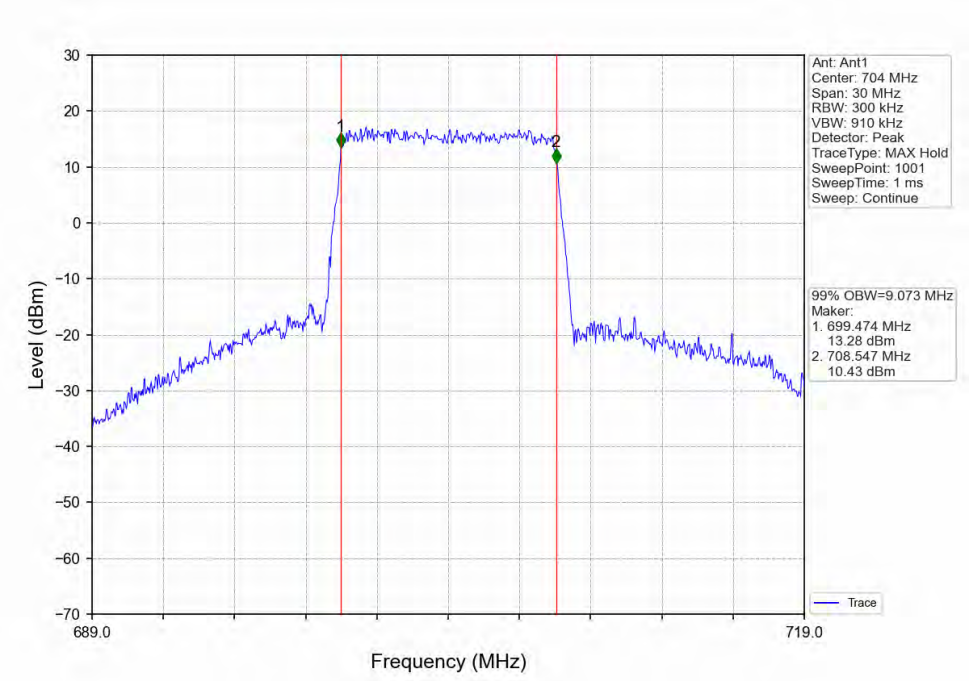
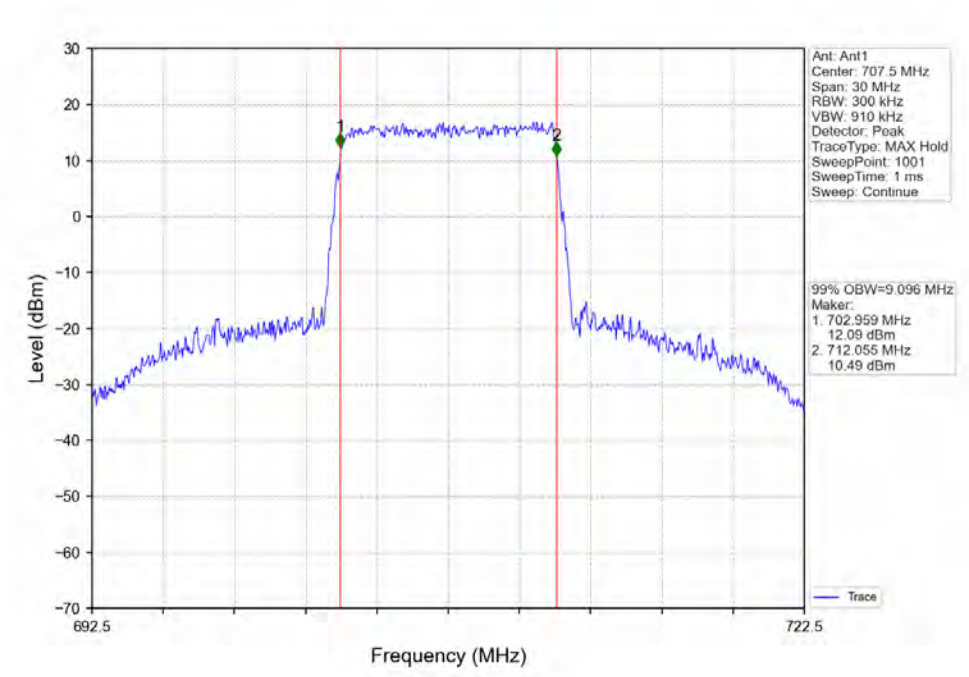
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV