				50	3.85	-1.36	-0.00	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.27	-1.89	-0.00	-2.5 to 2.5	Pass
					3.85	-3.93	-0.00	-2.5 to 2.5	Pass
					4.43	-7.08	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.90	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-5.05	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-8.58	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.35	-0.00	-2.5 to 2.5	Pass
				10	3.85	-0.74	-0.00	-2.5 to 2.5	Pass
				30	3.85	-5.89	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.86	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.50	-0.00	-2.5 to 2.5	Pass

B38_20MHZ

TEST RESULT

Band: 38 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2580	100	0	20	3.27	-8.12	-0.00	-2.5 to 2.5	Pass
					3.85	-0.33	-0.00	-2.5 to 2.5	Pass
					4.43	-3.10	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-5.05	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.35	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.90	-0.00	-2.5 to 2.5	Pass
				0	3.85	-5.31	-0.00	-2.5 to 2.5	Pass
				10	3.85	-4.38	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.72	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.38	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.10	-0.00	-2.5 to 2.5	Pass
	2595	100	0	20	3.27	-4.05	-0.00	-2.5 to 2.5	Pass

					3.85	-2.19	-0.00	-2.5 to 2.5	Pass
					4.43	1.47	0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.93	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-1.62	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.66	-0.00	-2.5 to 2.5	Pass
				0	3.85	-0.54	-0.00	-2.5 to 2.5	Pass
				10	3.85	-0.43	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.75	-0.00	-2.5 to 2.5	Pass
				40	3.85	-0.94	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.98	-0.00	-2.5 to 2.5	Pass
	2610	100	0	20	3.27	-3.62	-0.00	-2.5 to 2.5	Pass
					3.85	-3.09	-0.00	-2.5 to 2.5	Pass
					4.43	-6.75	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.89	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-6.01	-0.00	-2.5 to 2.5	Pass
				-10	3.85	2.79	0.00	-2.5 to 2.5	Pass
				0	3.85	-1.89	-0.00	-2.5 to 2.5	Pass
				10	3.85	0.53	0.00	-2.5 to 2.5	Pass
				30	3.85	-6.19	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.71	-0.00	-2.5 to 2.5	Pass
				50	3.85	0.29	0.00	-2.5 to 2.5	Pass
16QAM	2580	100	0	20	3.27	-4.22	-0.00	-2.5 to 2.5	Pass
					3.85	-1.95	-0.00	-2.5 to 2.5	Pass
					4.43	-1.56	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-5.39	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.59	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.40	-0.00	-2.5 to 2.5	Pass
				0	3.85	-5.44	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.69	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.60	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.33	-0.00	-2.5 to 2.5	Pass

				50	3.85	-5.04	-0.00	-2.5 to 2.5	Pass
	2595	100	0	20	3.27	-5.96	-0.00	-2.5 to 2.5	Pass
					3.85	-3.76	-0.00	-2.5 to 2.5	Pass
					4.43	-6.01	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-12.14	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-9.26	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-9.27	-0.00	-2.5 to 2.5	Pass
				0	3.85	-5.91	-0.00	-2.5 to 2.5	Pass
				10	3.85	-7.48	-0.00	-2.5 to 2.5	Pass
				30	3.85	-4.54	-0.00	-2.5 to 2.5	Pass
				40	3.85	-5.11	-0.00	-2.5 to 2.5	Pass
				50	3.85	-4.36	-0.00	-2.5 to 2.5	Pass
	2610	100	0	20	3.27	-0.73	-0.00	-2.5 to 2.5	Pass
					3.85	-3.22	-0.00	-2.5 to 2.5	Pass
					4.43	-0.06	0.00	-2.5 to 2.5	Pass
				-30	3.85	-1.87	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.62	-0.00	-2.5 to 2.5	Pass
				-10	3.85	0.67	0.00	-2.5 to 2.5	Pass
				0	3.85	0.83	0.00	-2.5 to 2.5	Pass
				10	3.85	-3.48	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.40	-0.00	-2.5 to 2.5	Pass
				40	3.85	0.93	0.00	-2.5 to 2.5	Pass
				50	3.85	-5.72	-0.00	-2.5 to 2.5	Pass
64QAM	2580	100	0	20	3.27	-1.36	-0.00	-2.5 to 2.5	Pass
					3.85	-6.04	-0.00	-2.5 to 2.5	Pass
					4.43	-2.33	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-3.95	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-4.11	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.56	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.30	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.60	-0.00	-2.5 to 2.5	Pass

				30	3.85	-4.72	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.28	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.75	-0.00	-2.5 to 2.5	Pass
	2595	100	0	20	3.27	-1.02	-0.00	-2.5 to 2.5	Pass
					3.85	-5.16	-0.00	-2.5 to 2.5	Pass
					4.43	-6.41	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-7.60	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-4.42	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-9.87	-0.00	-2.5 to 2.5	Pass
				0	3.85	-6.85	-0.00	-2.5 to 2.5	Pass
				10	3.85	-6.28	-0.00	-2.5 to 2.5	Pass
				30	3.85	-5.96	-0.00	-2.5 to 2.5	Pass
				40	3.85	-5.02	-0.00	-2.5 to 2.5	Pass
				50	3.85	-9.13	-0.00	-2.5 to 2.5	Pass
	2610	100	0	20	3.27	-0.43	-0.00	-2.5 to 2.5	Pass
					3.85	-2.63	-0.00	-2.5 to 2.5	Pass
					4.43	-5.25	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-5.44	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-8.21	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-5.46	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.29	-0.00	-2.5 to 2.5	Pass
				10	3.85	-7.07	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.60	-0.00	-2.5 to 2.5	Pass
				40	3.85	-5.84	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.12	-0.00	-2.5 to 2.5	Pass

99% & 26DB BANDWIDTH

BAND38_OBW

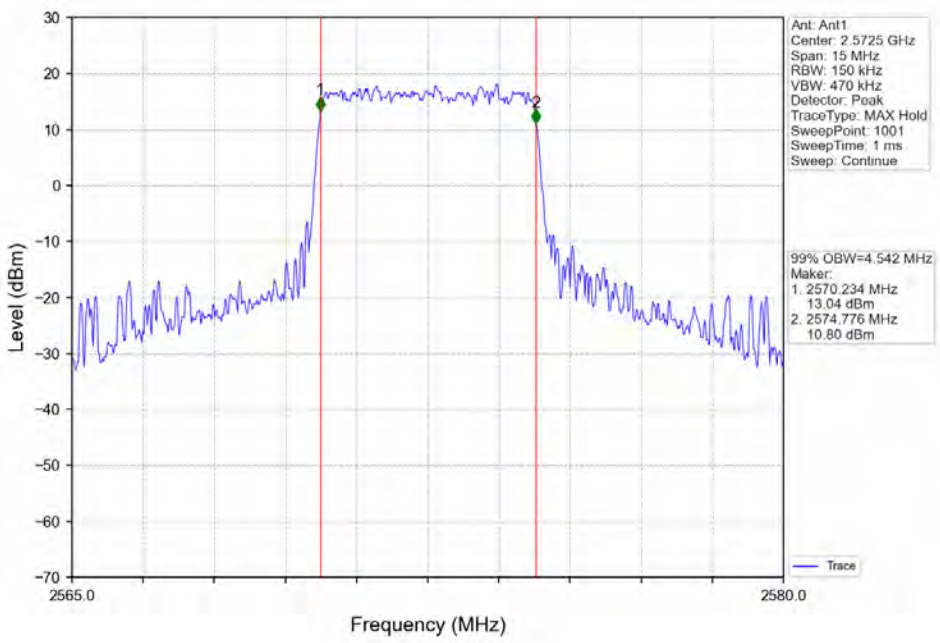
TEST RESULT

Band: 38 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2572.5	25	0	4.542	Pass
		2595	25	0	4.545	Pass
		2617.5	25	0	4.552	Pass
	16QAM	2572.5	25	0	4.543	Pass
		2595	25	0	4.543	Pass
		2617.5	25	0	4.538	Pass
	64QAM	2572.5	25	0	4.552	Pass
		2595	25	0	4.535	Pass
		2617.5	25	0	4.553	Pass
10	QPSK	2575	50	0	9.060	Pass
		2595	50	0	9.061	Pass
		2615	50	0	9.064	Pass
	16QAM	2575	50	0	9.030	Pass
		2595	50	0	9.028	Pass
		2615	50	0	9.066	Pass
	64QAM	2575	50	0	9.051	Pass
		2595	50	0	9.030	Pass
		2615	50	0	9.058	Pass
15	QPSK	2577.5	75	0	13.632	Pass
		2595	75	0	13.590	Pass
		2612.5	75	0	13.538	Pass
	16QAM	2577.5	75	0	13.585	Pass
		2595	75	0	13.550	Pass

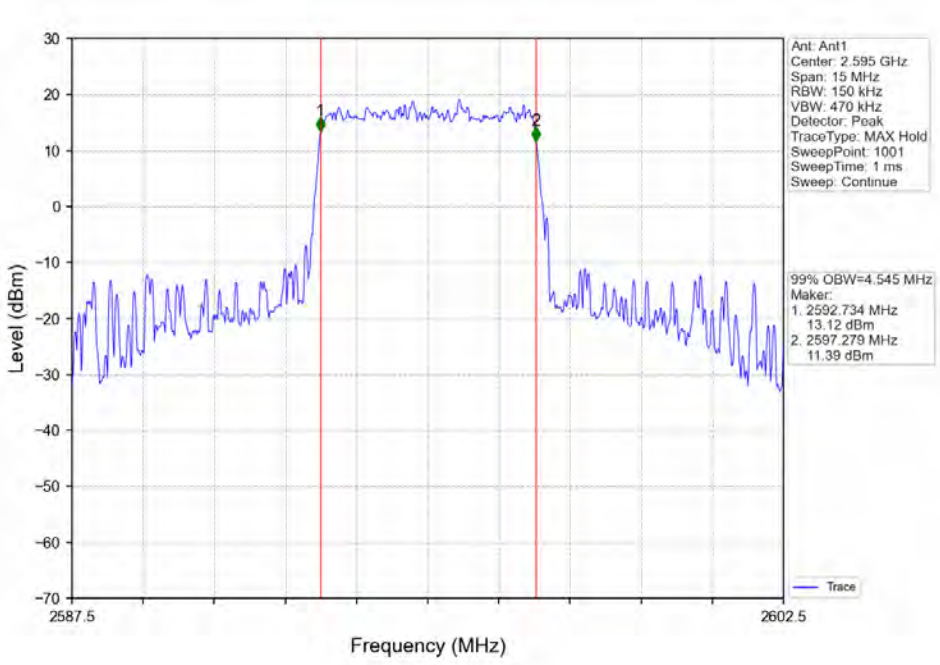
		2612.5	75	0	13.595	Pass
	64QAM	2577.5	75	0	13.566	Pass
		2595	75	0	13.631	Pass
		2612.5	75	0	13.576	Pass
20	QPSK	2580	100	0	18.053	Pass
		2595	100	0	18.084	Pass
		2610	100	0	18.093	Pass
	16QAM	2580	100	0	18.049	Pass
		2595	100	0	18.091	Pass
		2610	100	0	18.043	Pass
	64QAM	2580	100	0	18.027	Pass
		2595	100	0	18.066	Pass
		2610	100	0	18.012	Pass

TEST GRAPH

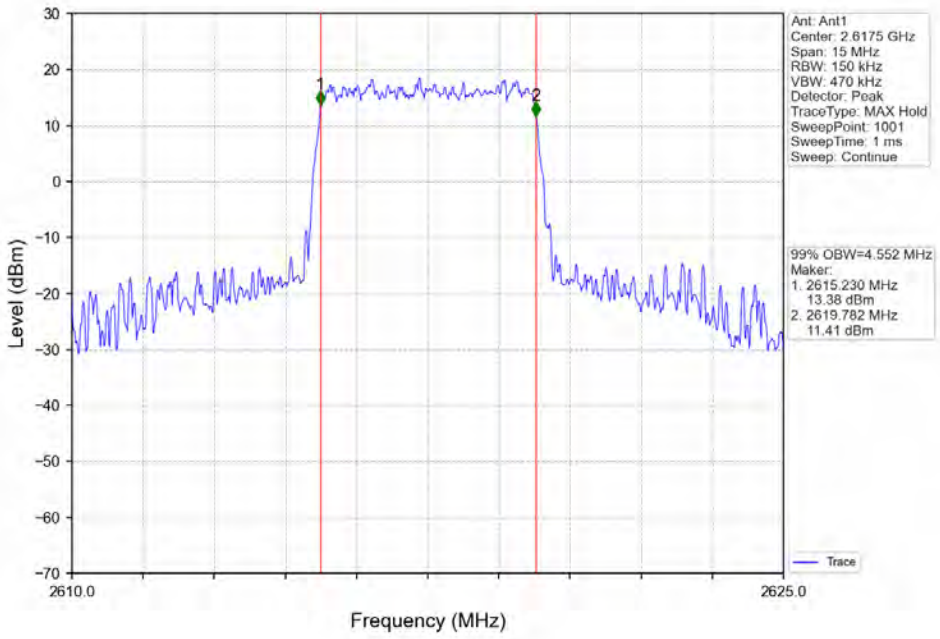
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



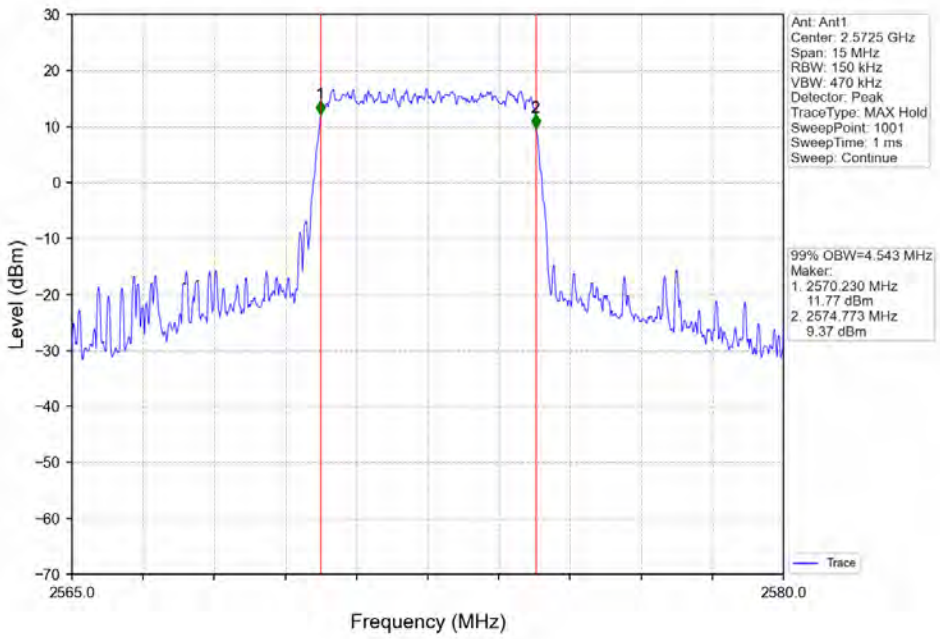
Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV



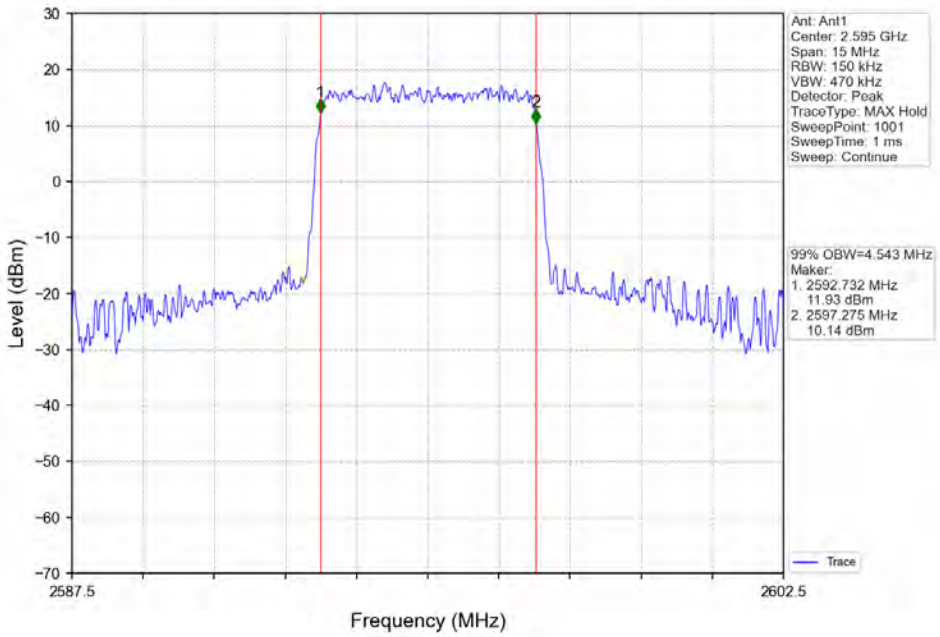
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



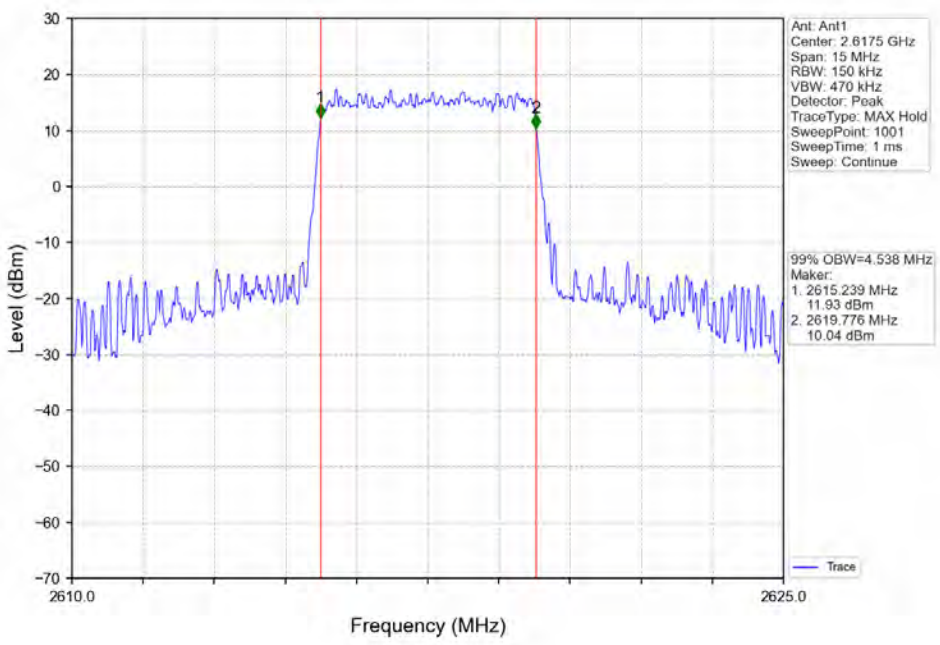
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



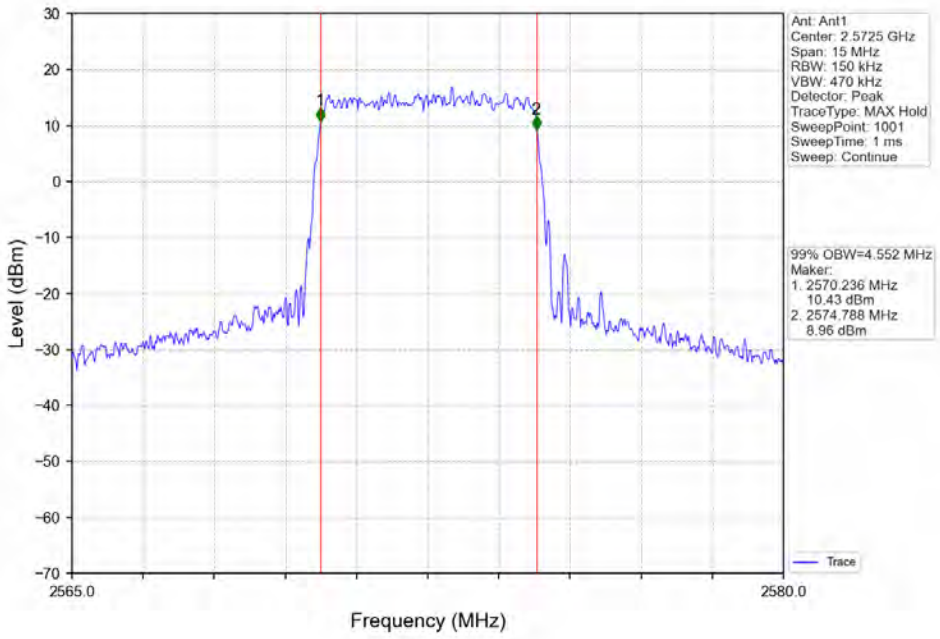
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



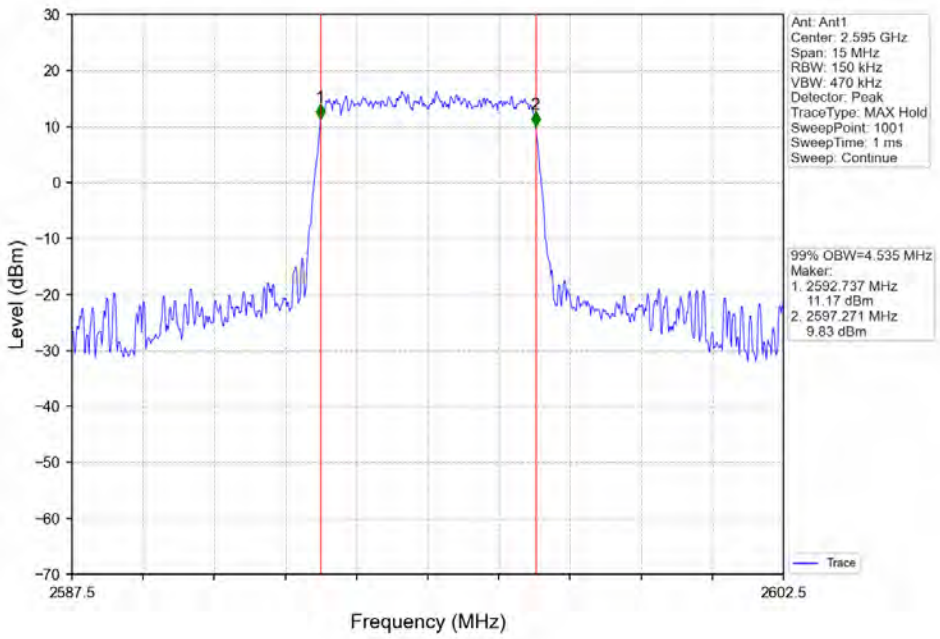
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



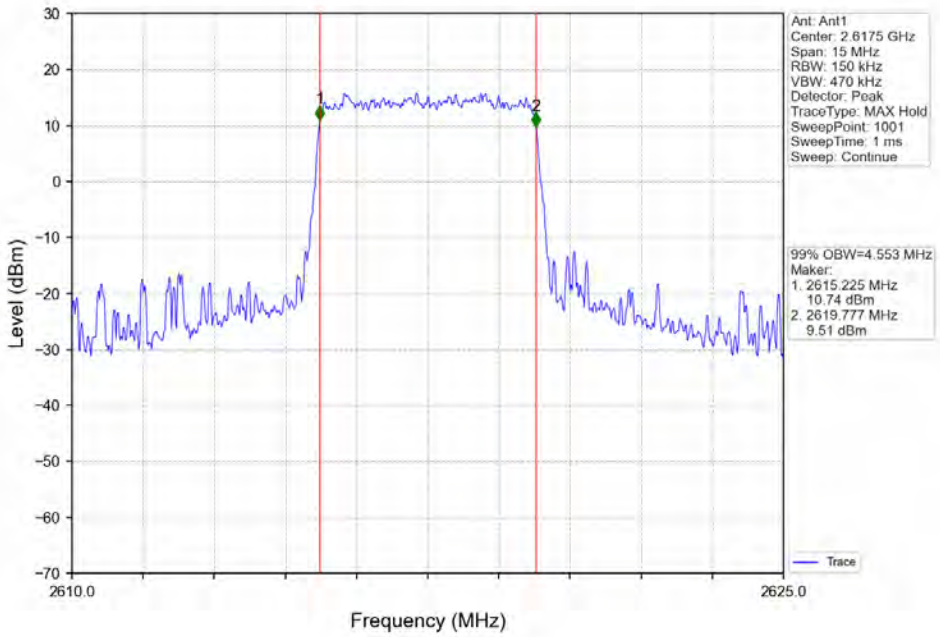
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV



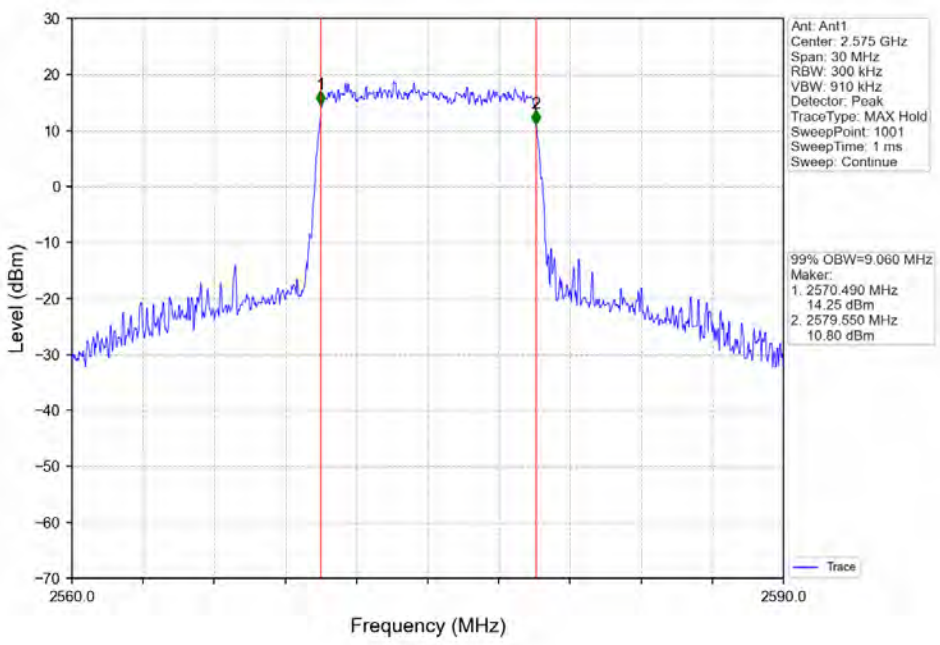
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



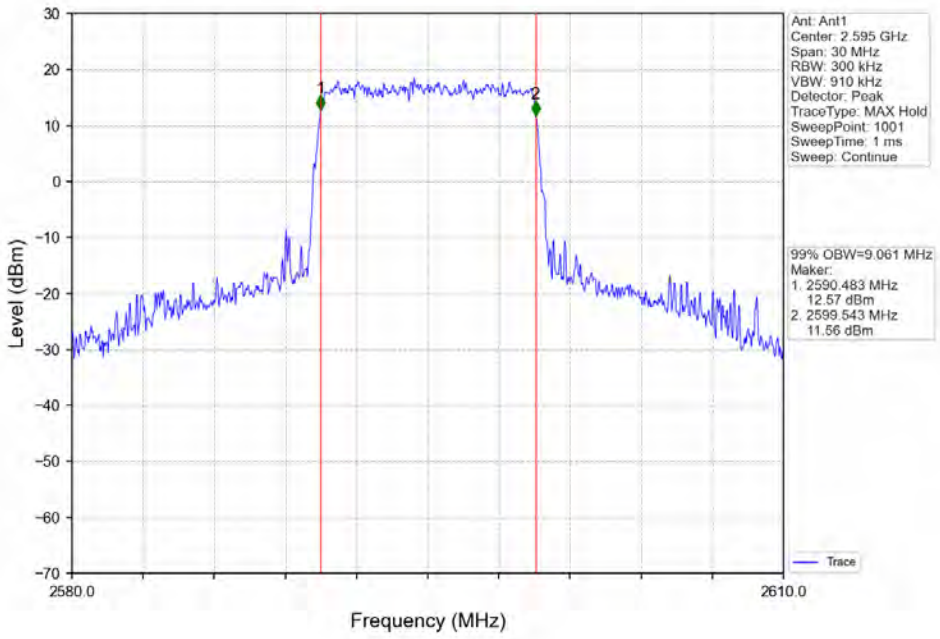
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



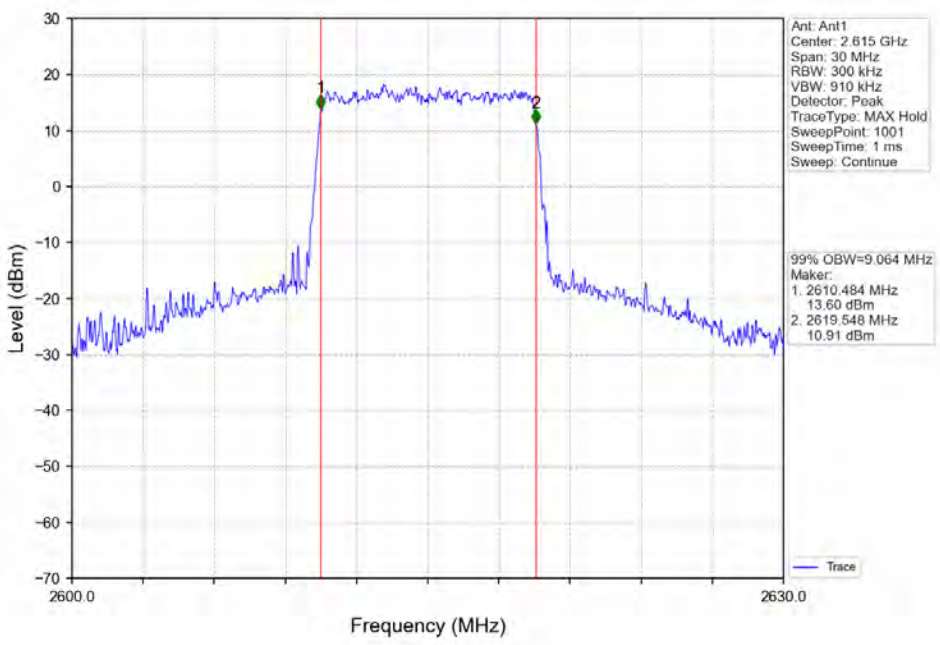
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



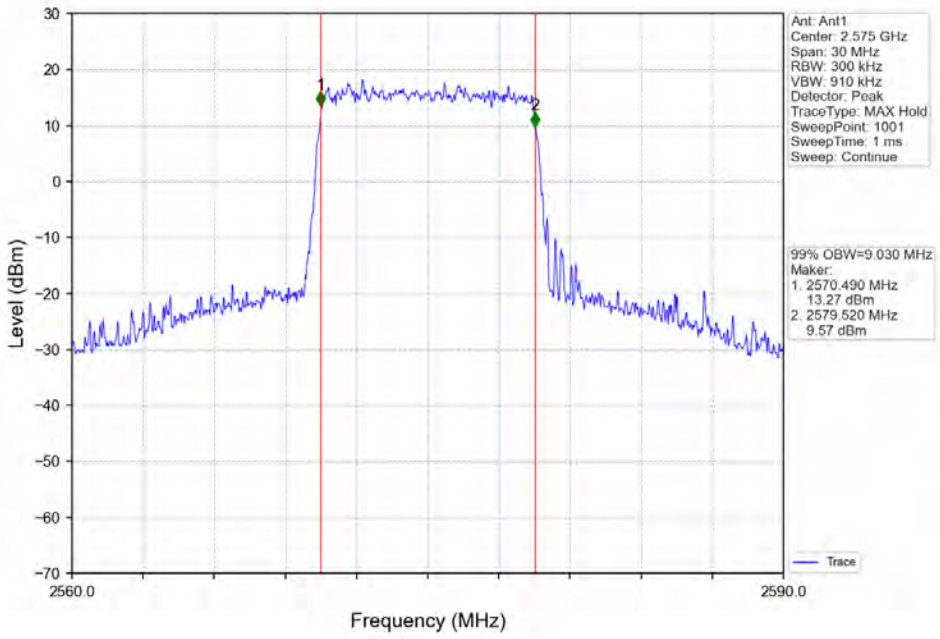
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



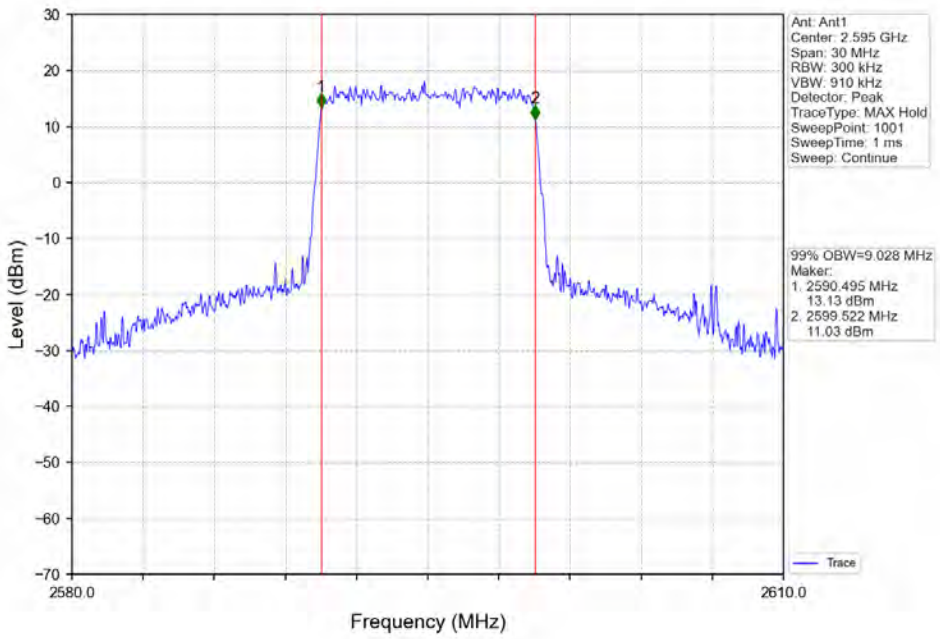
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



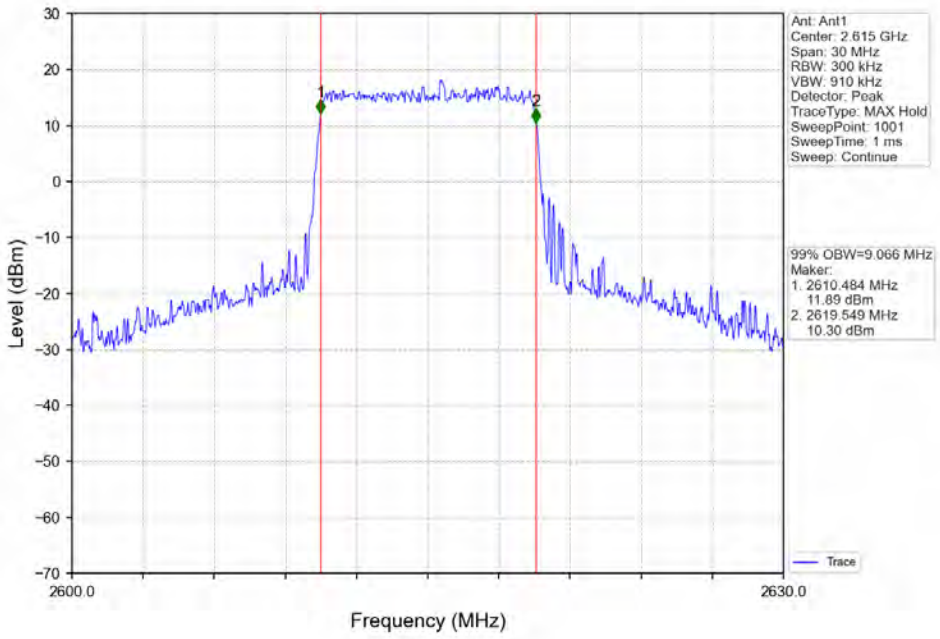
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



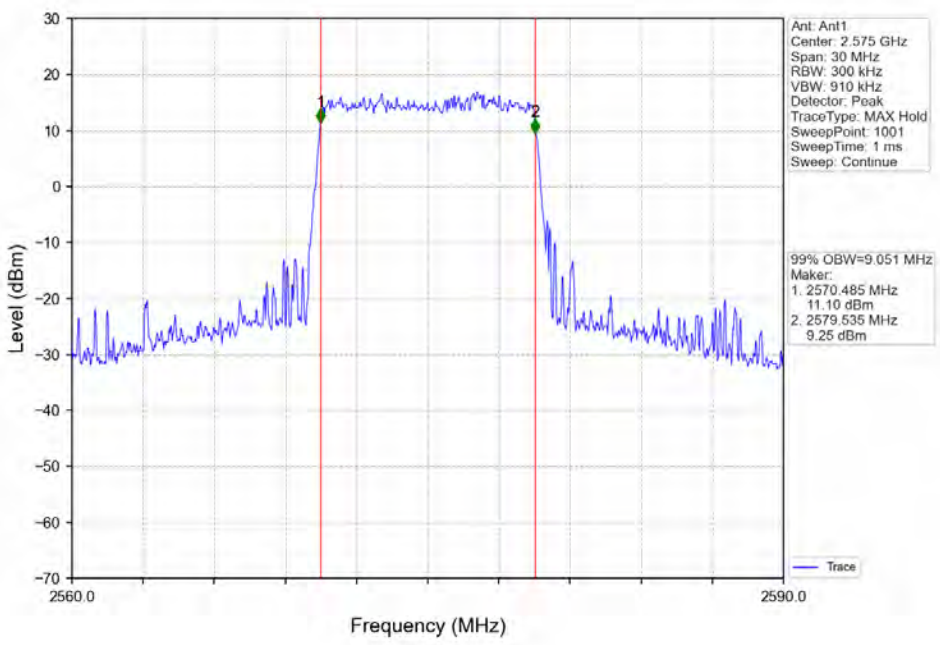
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



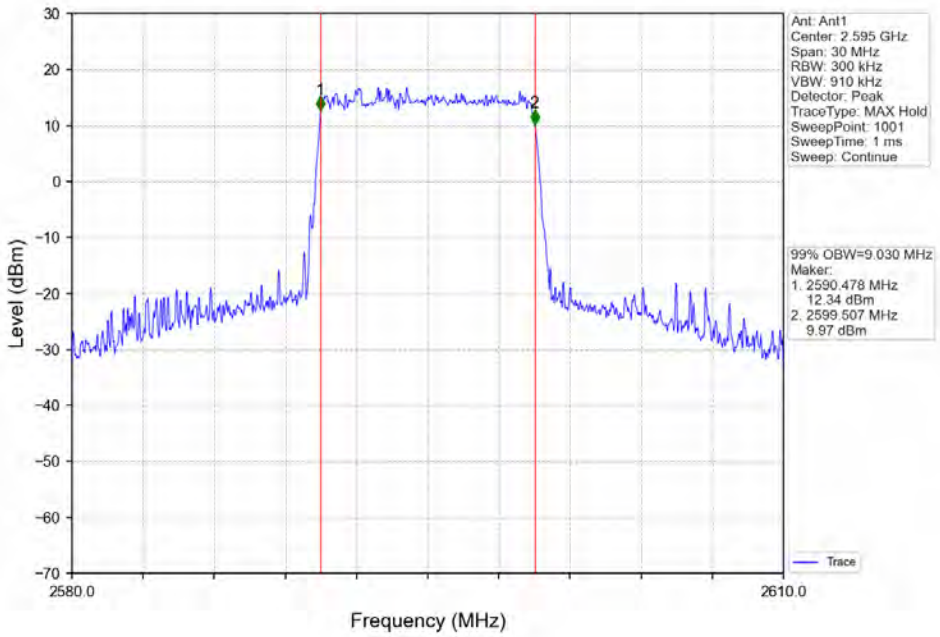
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



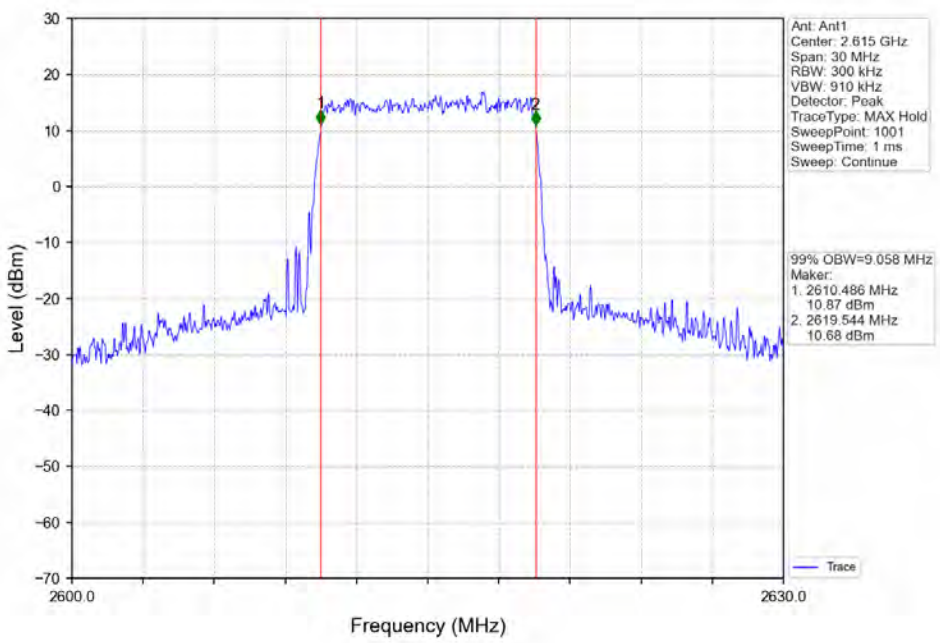
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



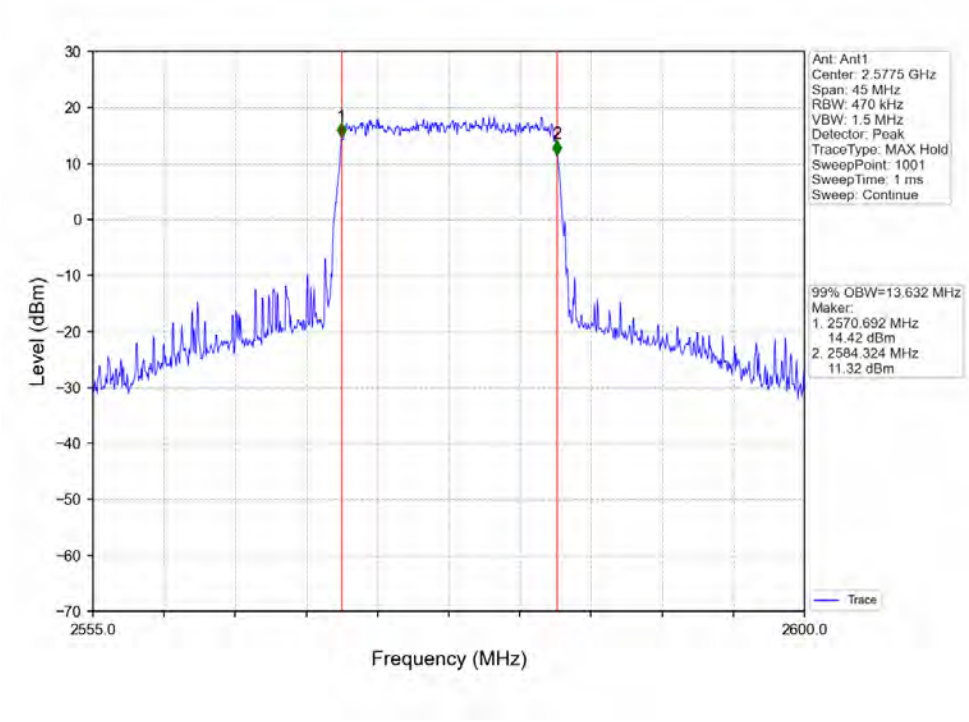
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



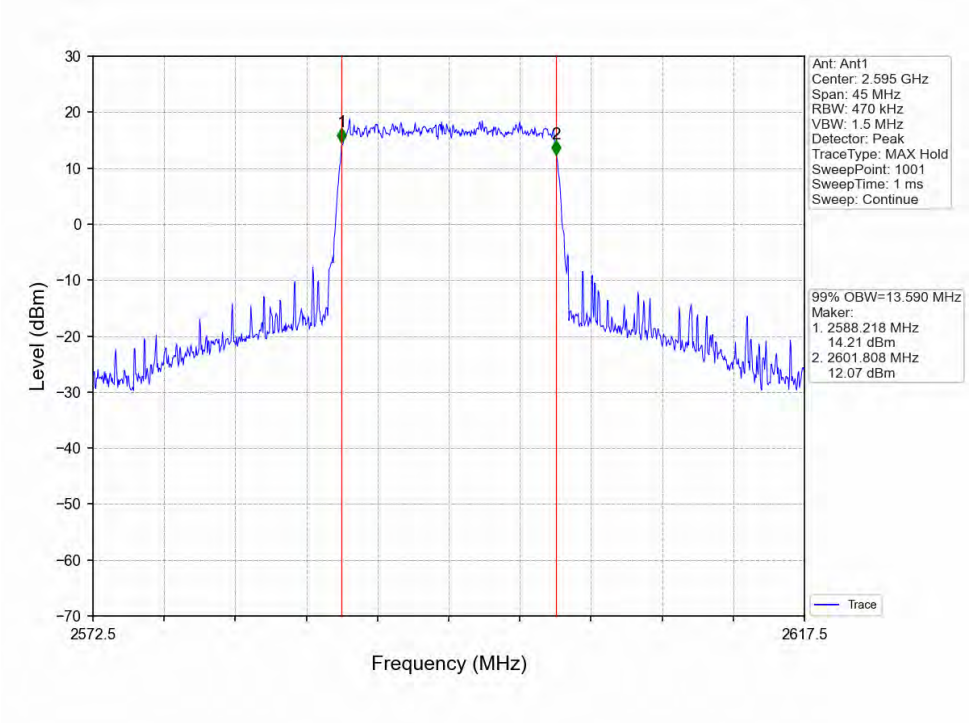
Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



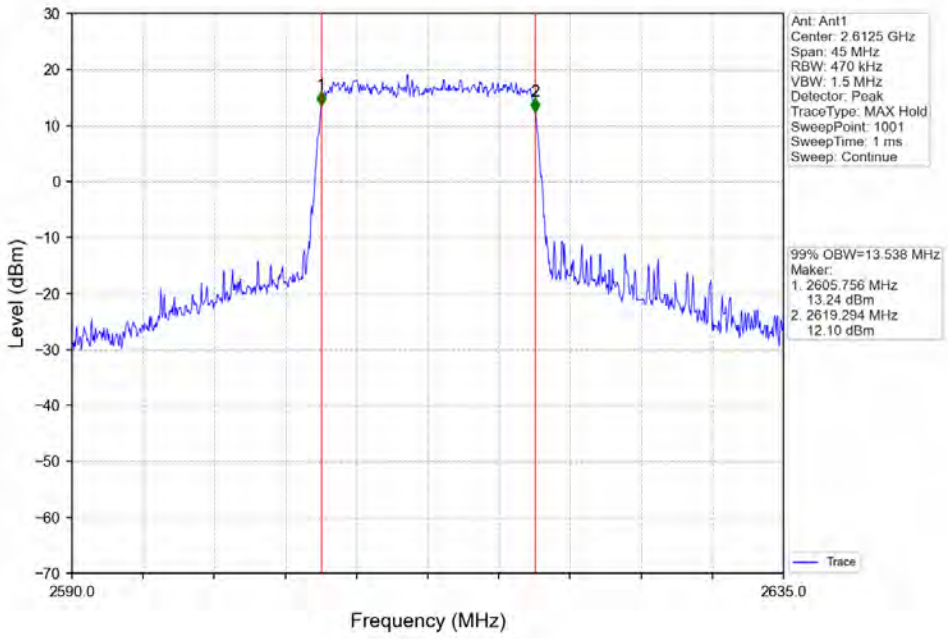
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



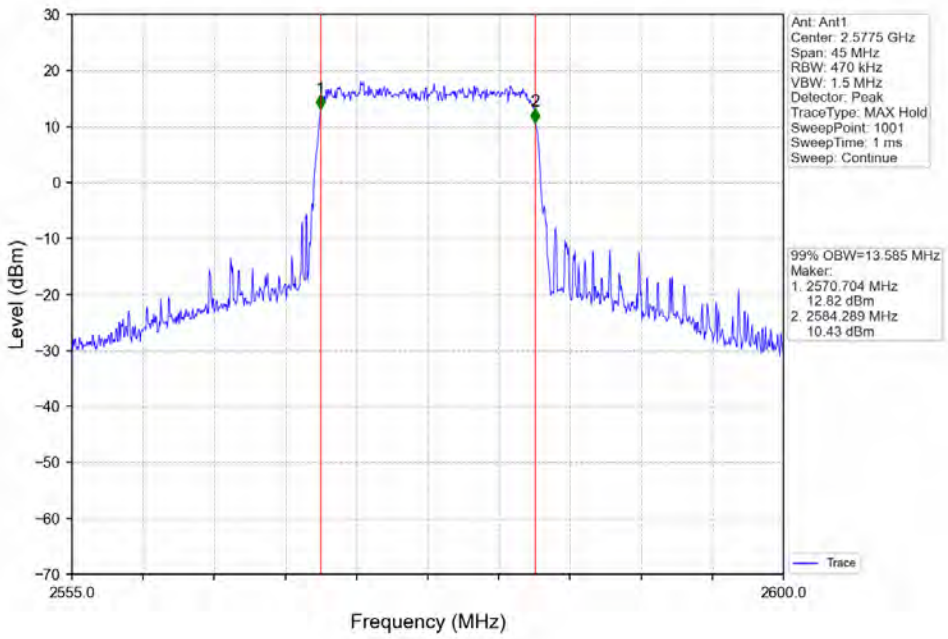
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



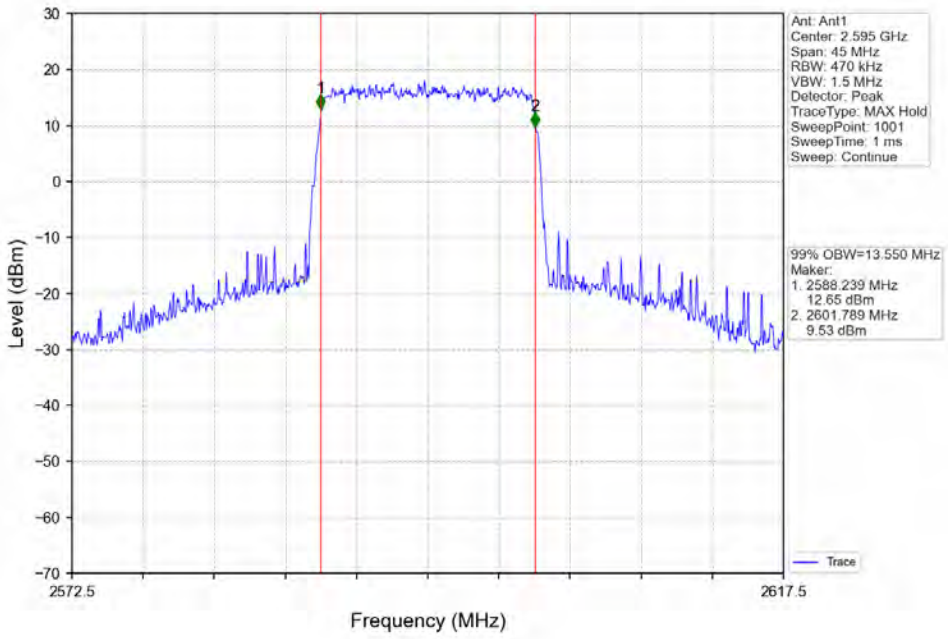
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



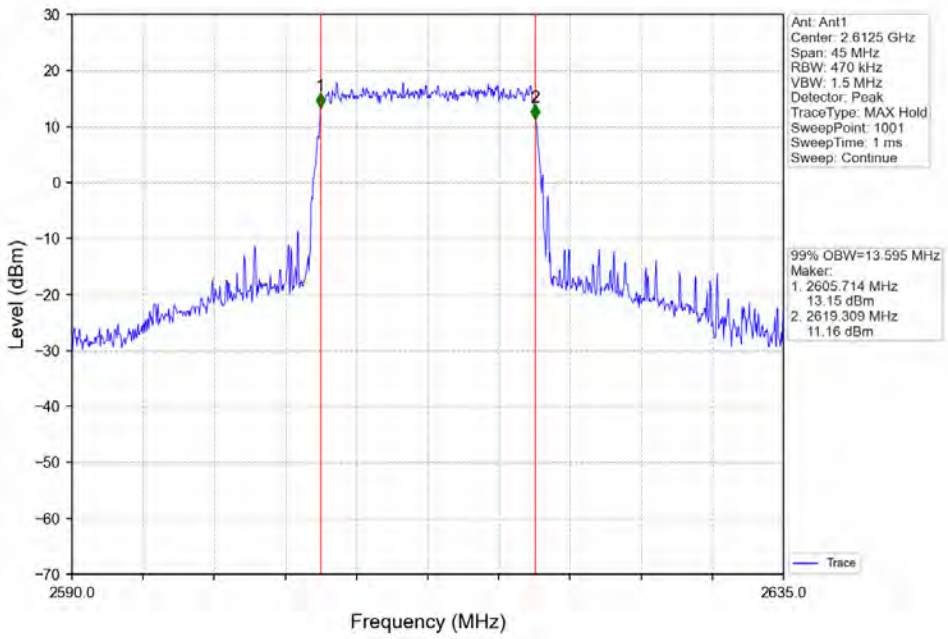
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



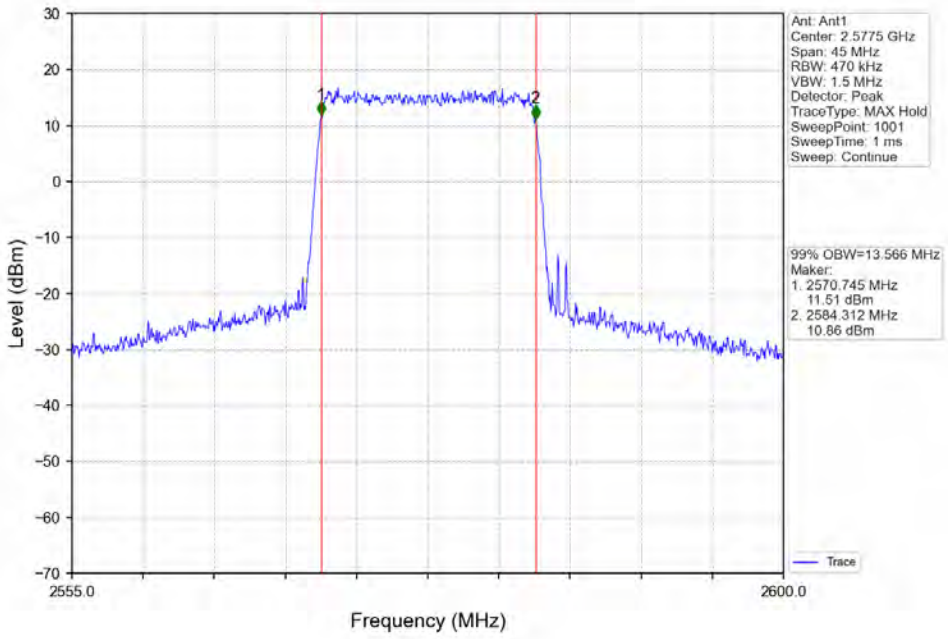
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



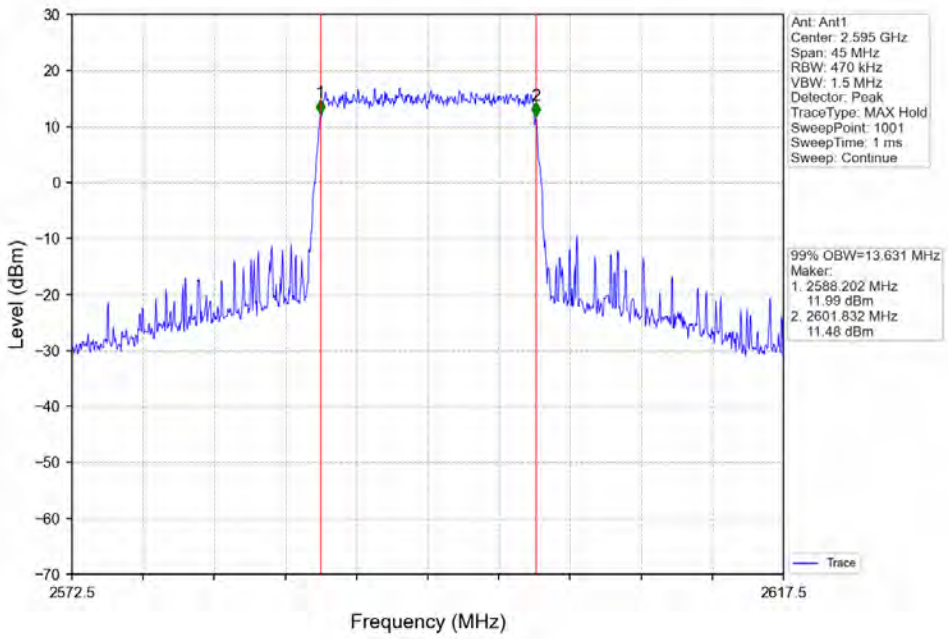
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



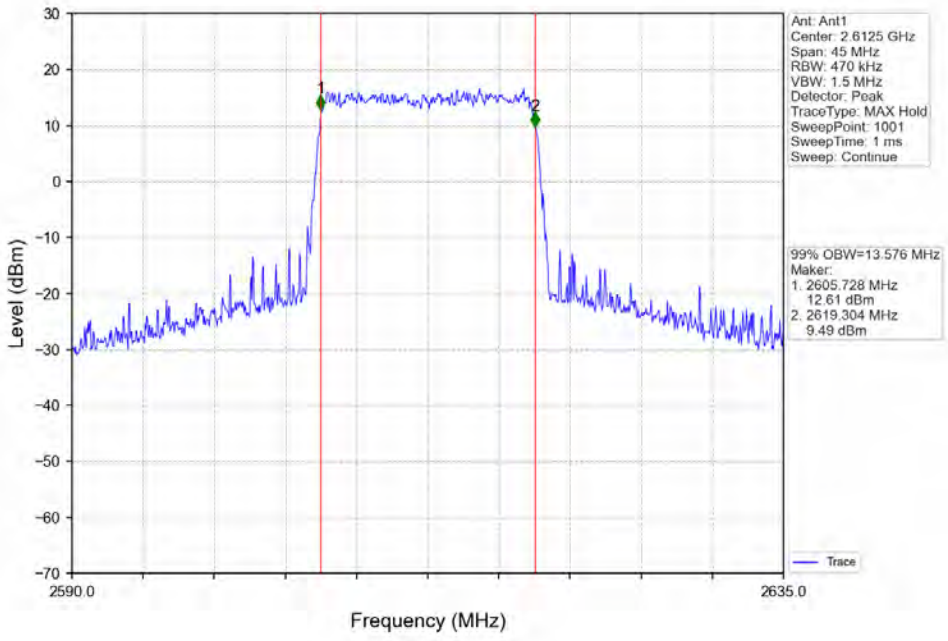
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



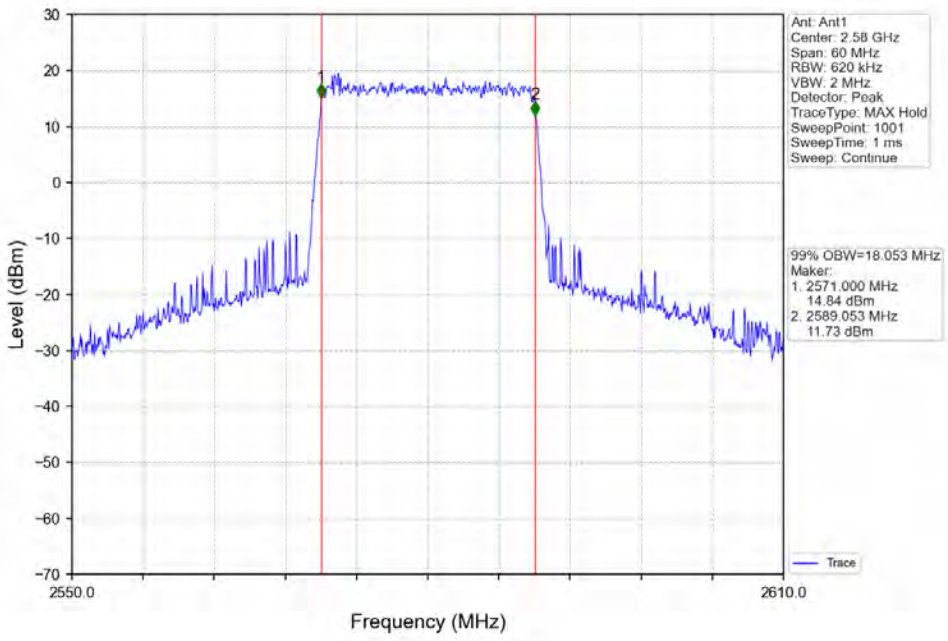
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



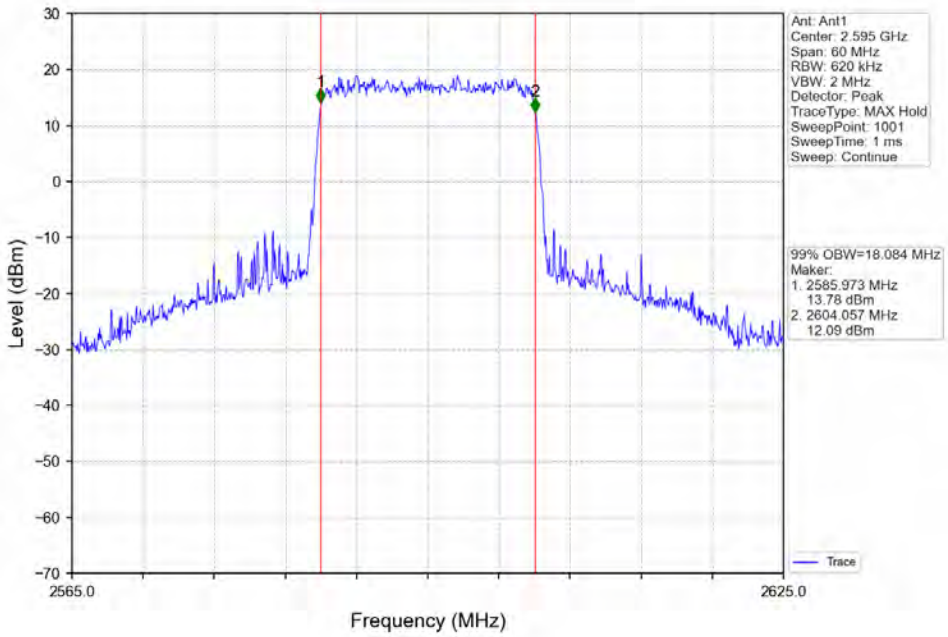
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV



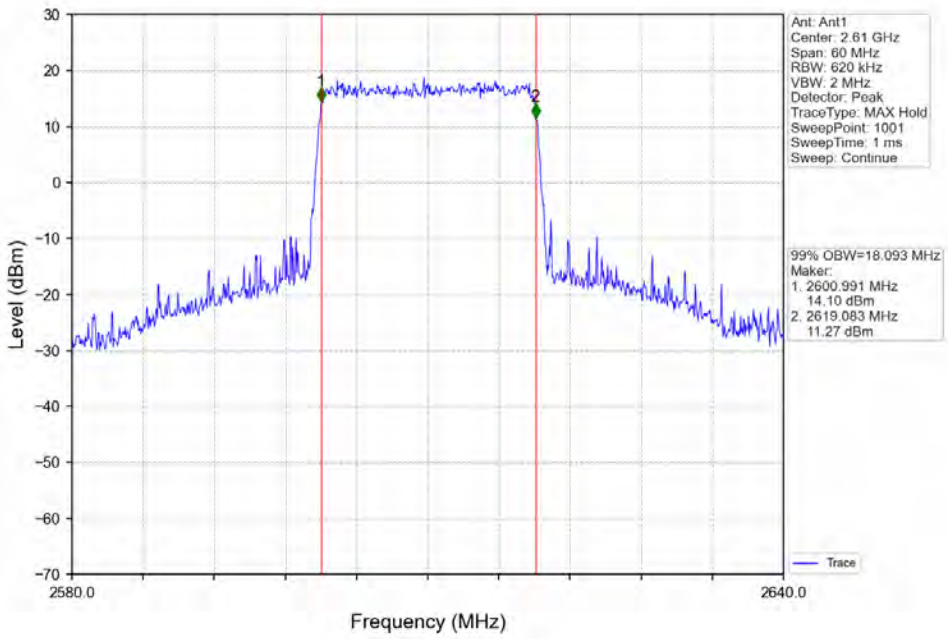
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



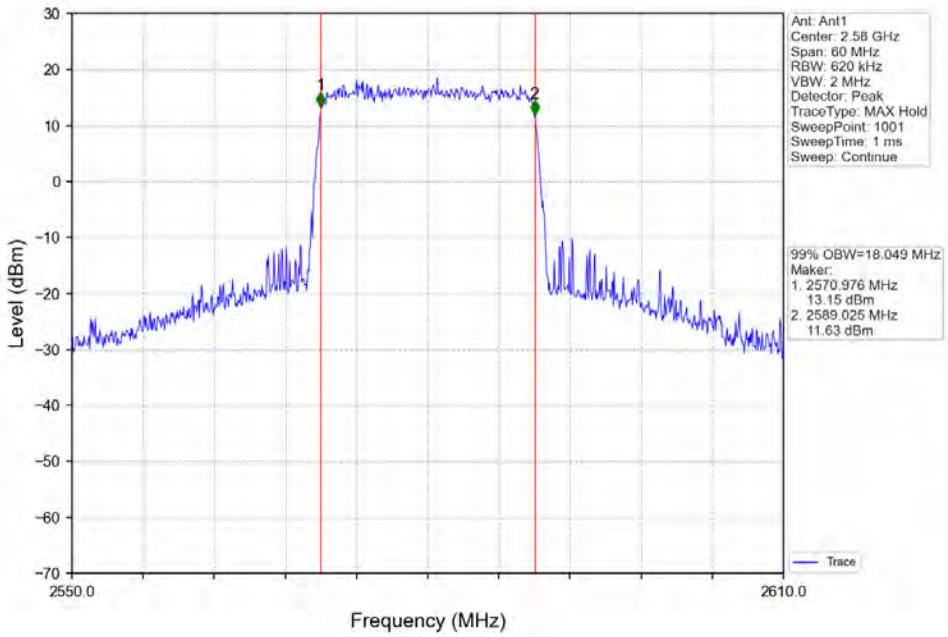
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



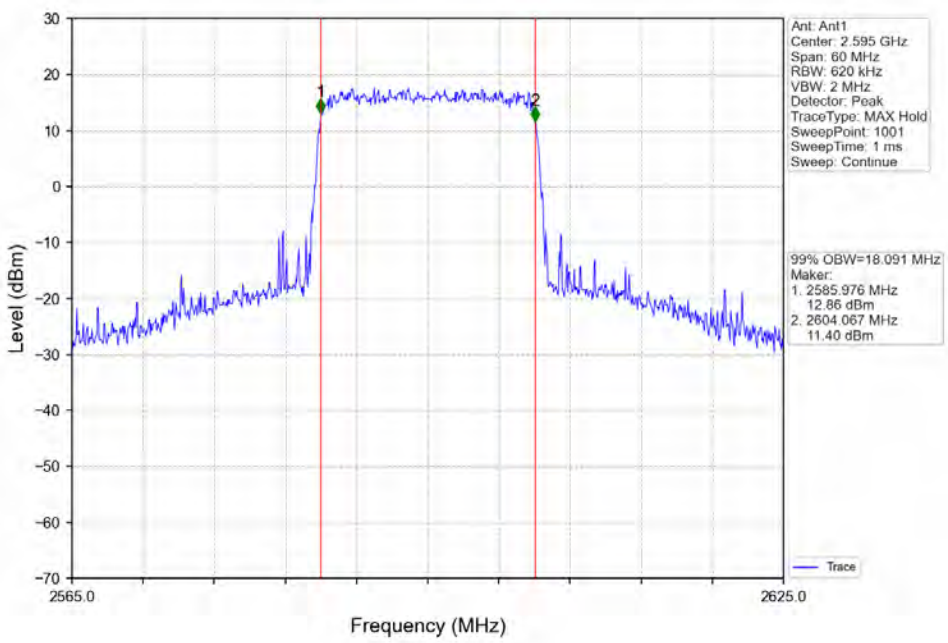
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



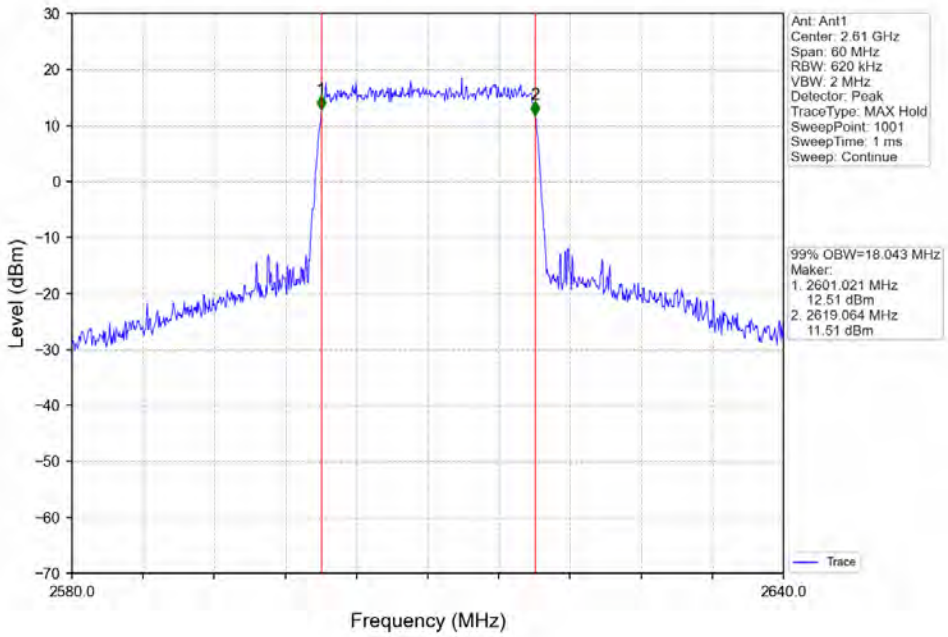
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



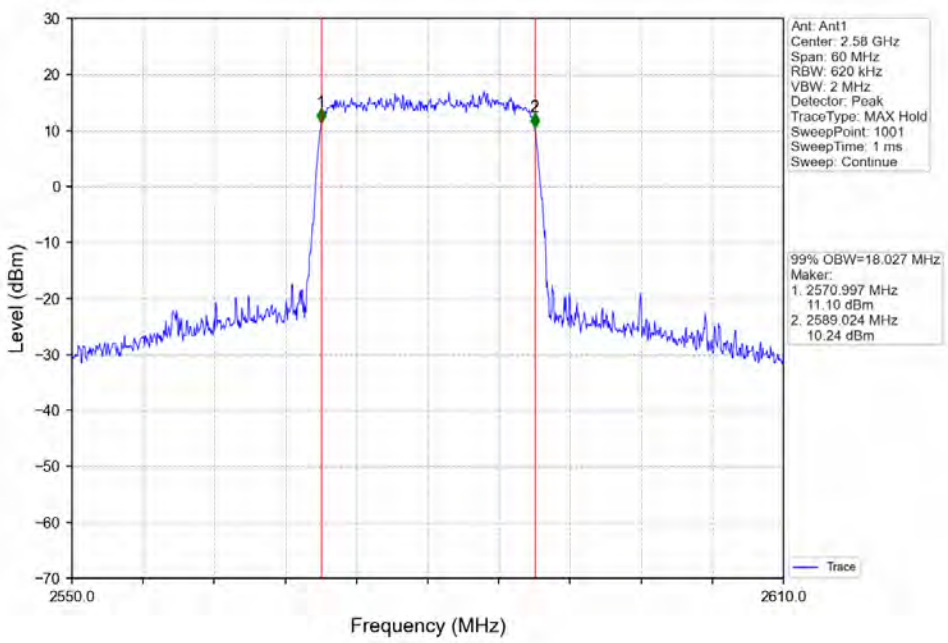
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



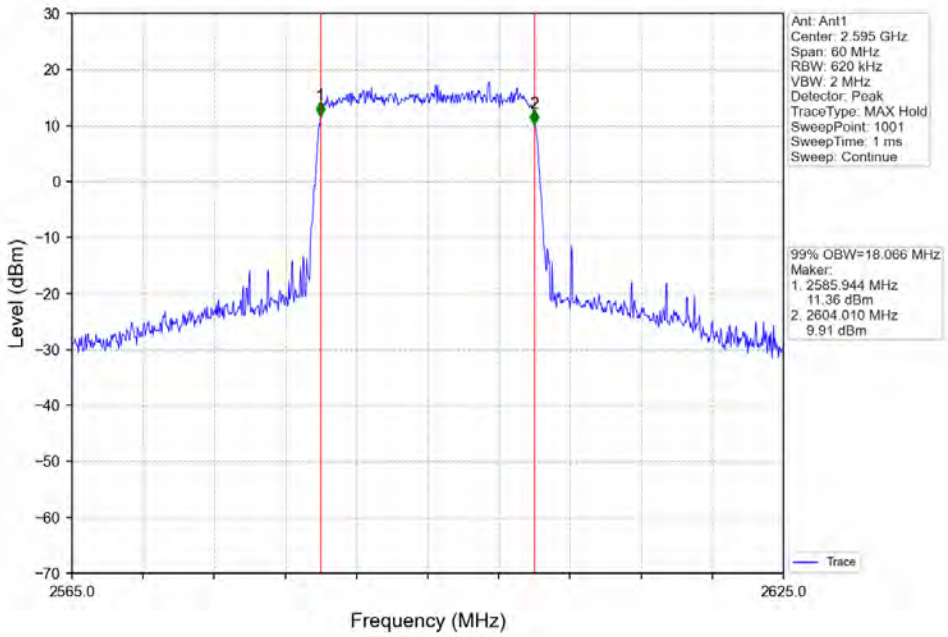
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



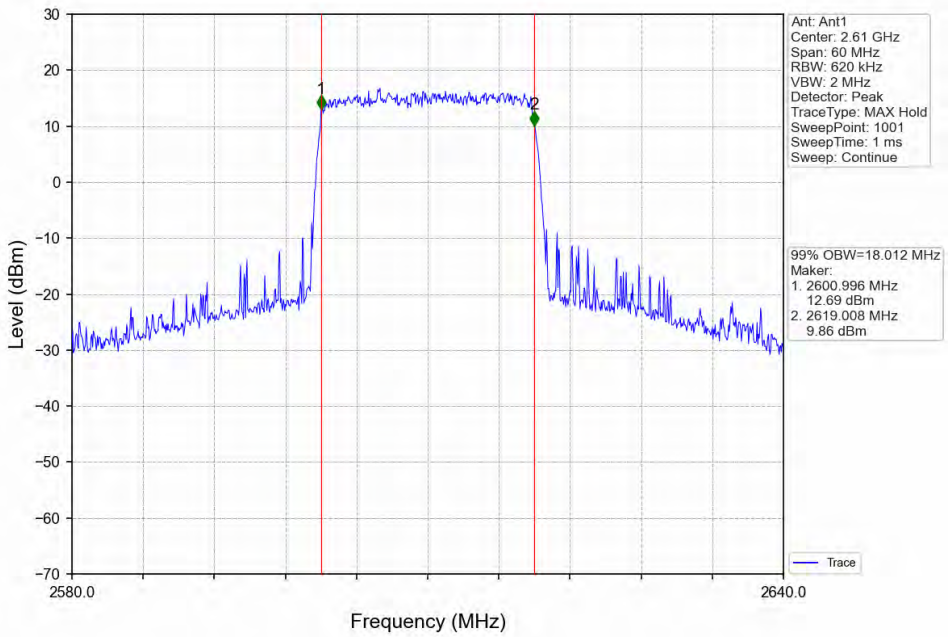
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



BAND38_XDB

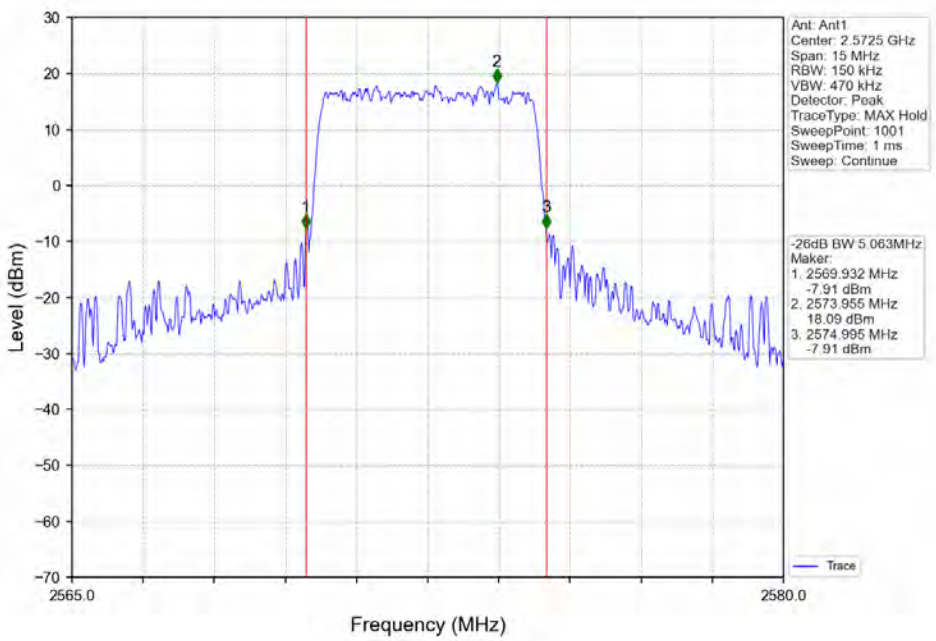
TEST RESULT

Band: 38 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2572.5	25	0	5.063	Pass
		2595	25	0	5.012	Pass
		2617.5	25	0	4.958	Pass
	16QAM	2572.5	25	0	5.211	Pass
		2595	25	0	4.936	Pass
		2617.5	25	0	5.067	Pass
	64QAM	2572.5	25	0	5.040	Pass
		2595	25	0	4.989	Pass
		2617.5	25	0	4.985	Pass
10	QPSK	2575	50	0	9.817	Pass
		2595	50	0	9.900	Pass
		2615	50	0	10.005	Pass
	16QAM	2575	50	0	9.989	Pass
		2595	50	0	9.819	Pass
		2615	50	0	10.540	Pass
	64QAM	2575	50	0	10.110	Pass
		2595	50	0	9.930	Pass
		2615	50	0	9.946	Pass
15	QPSK	2577.5	75	0	15.257	Pass
		2595	75	0	15.031	Pass
		2612.5	75	0	14.798	Pass
	16QAM	2577.5	75	0	15.495	Pass
		2595	75	0	14.841	Pass
		2612.5	75	0	15.087	Pass

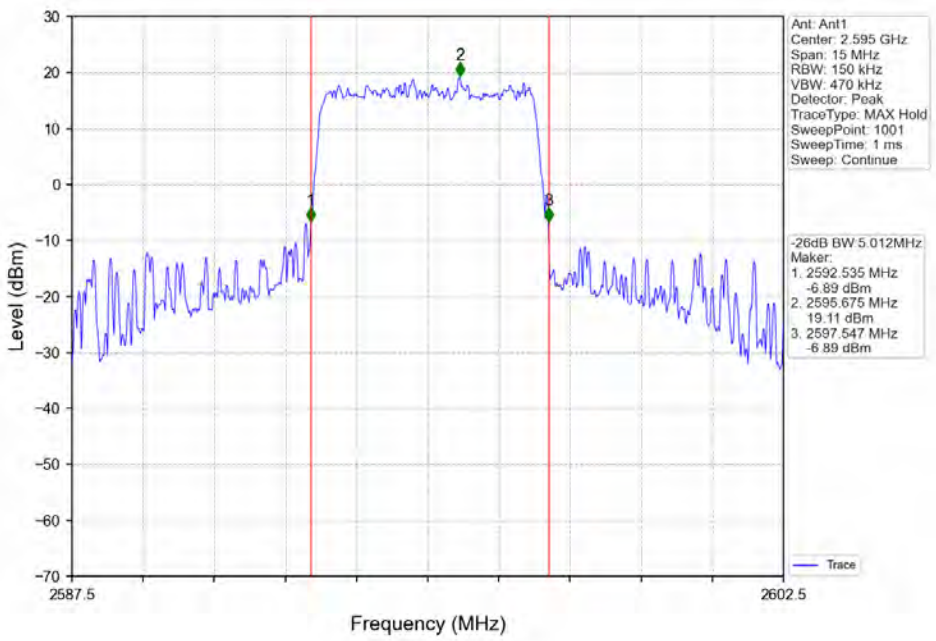
	64QAM	2577.5	75	0	14.741	Pass
		2595	75	0	14.715	Pass
		2612.5	75	0	15.099	Pass
20	QPSK	2580	100	0	19.615	Pass
		2595	100	0	19.658	Pass
		2610	100	0	20.243	Pass
	16QAM	2580	100	0	19.714	Pass
		2595	100	0	22.194	Pass
		2610	100	0	19.563	Pass
	64QAM	2580	100	0	19.699	Pass
		2595	100	0	19.576	Pass
		2610	100	0	20.729	Pass

TEST GRAPH

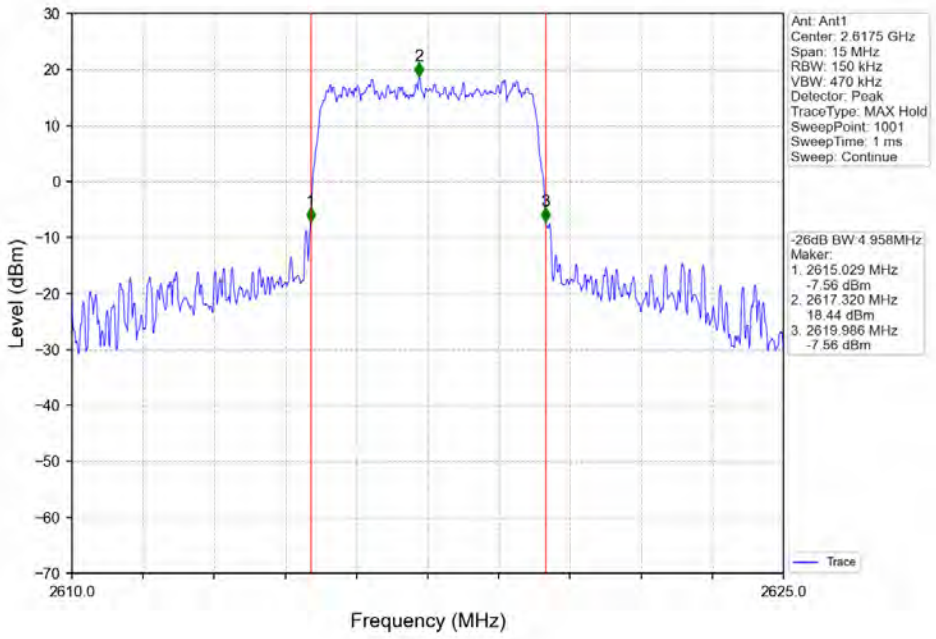
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



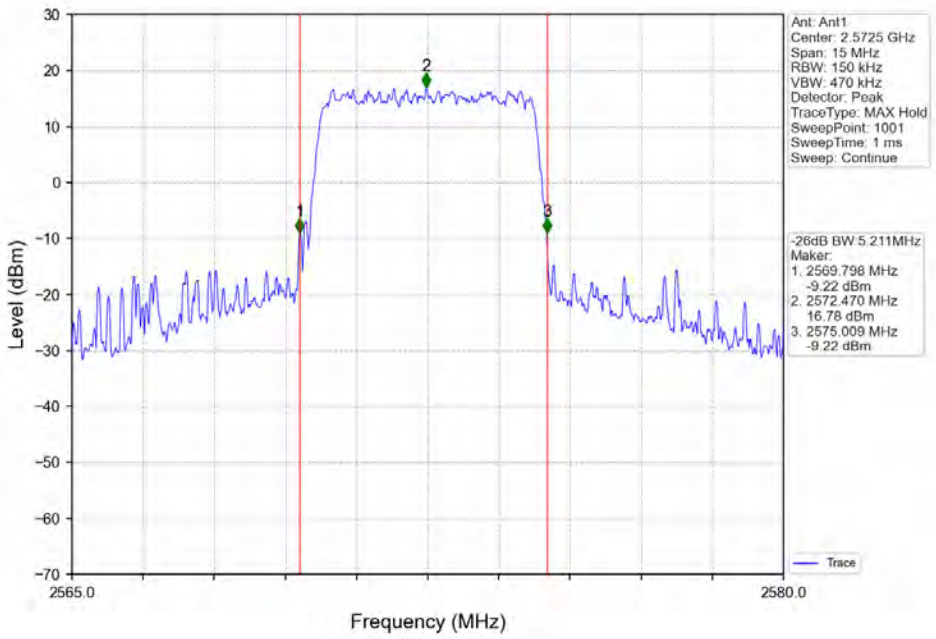
Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV



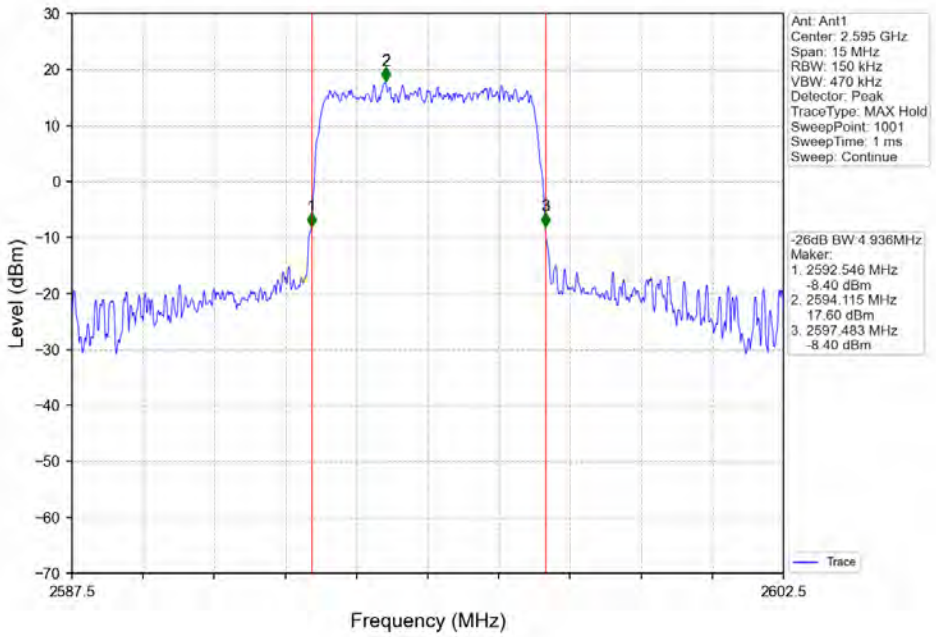
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



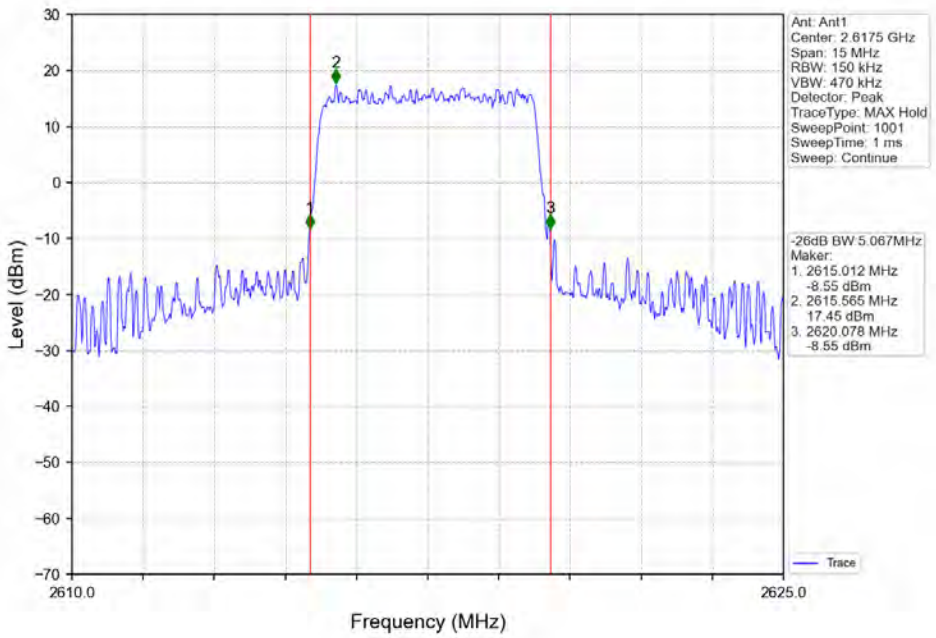
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



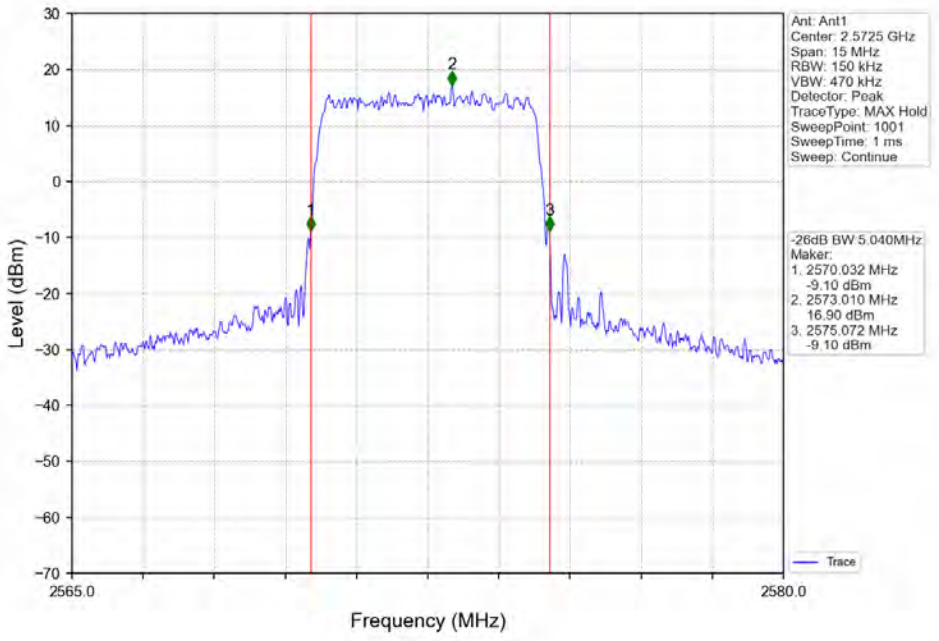
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



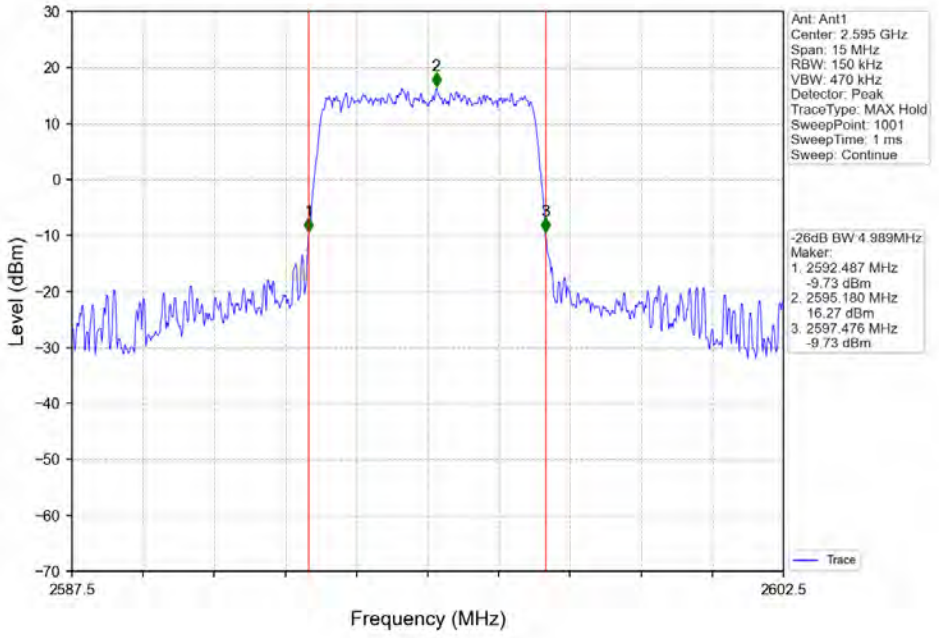
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



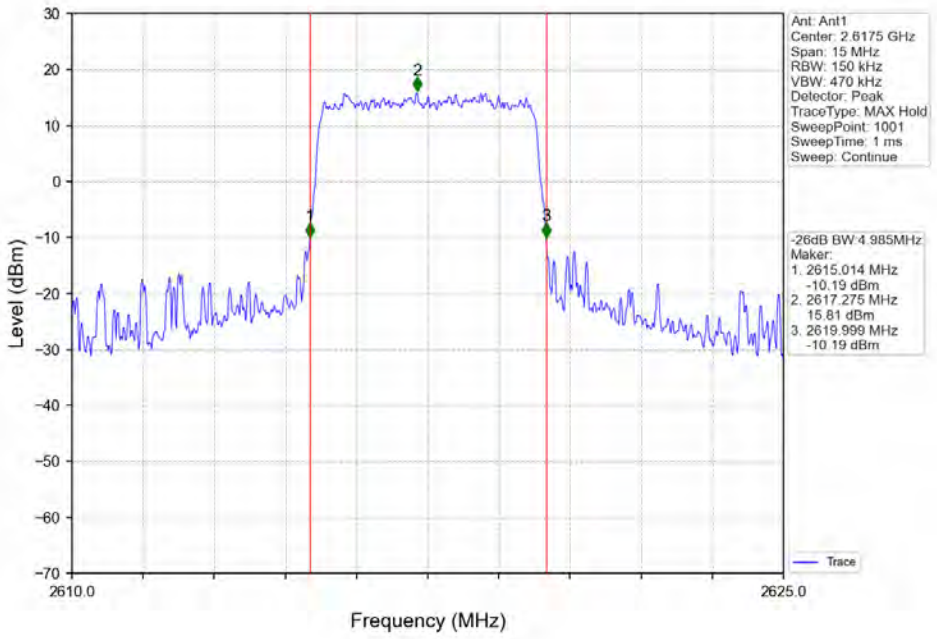
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV



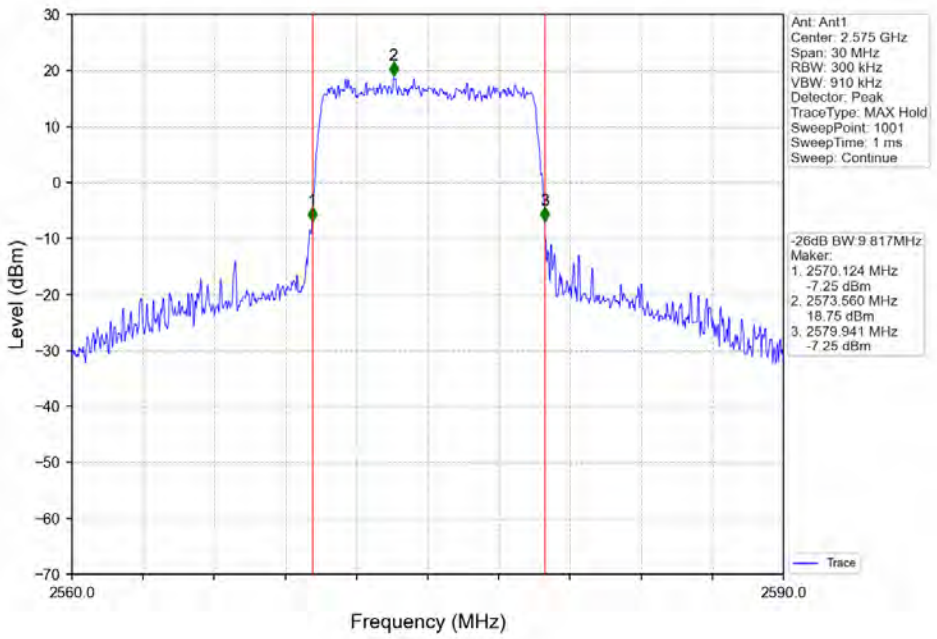
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



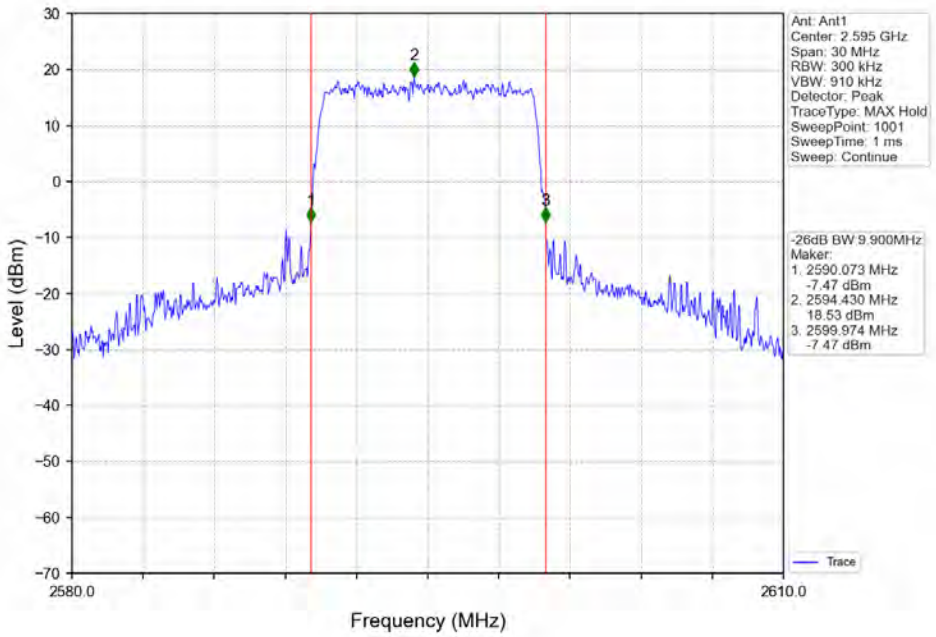
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



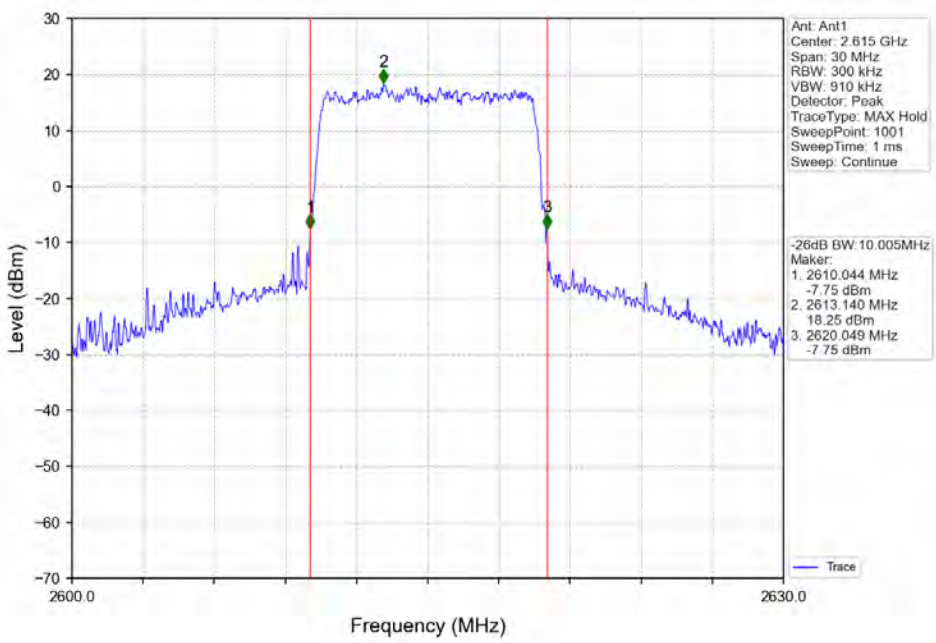
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



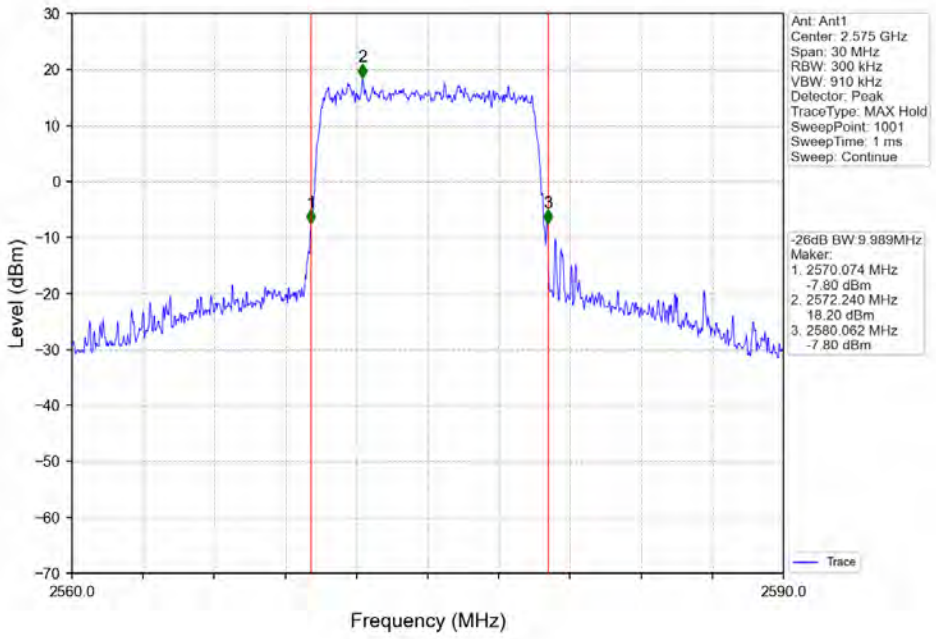
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



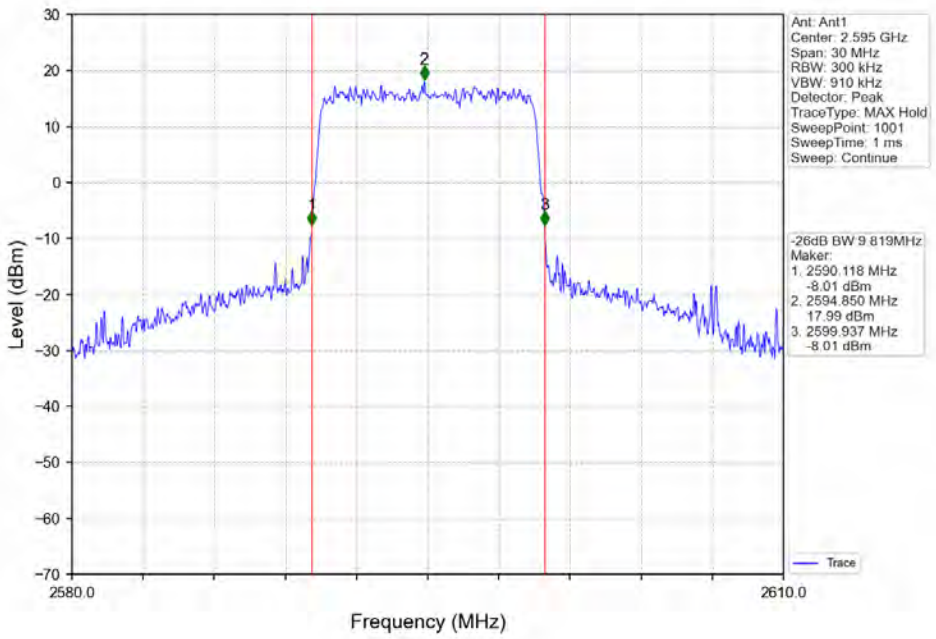
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



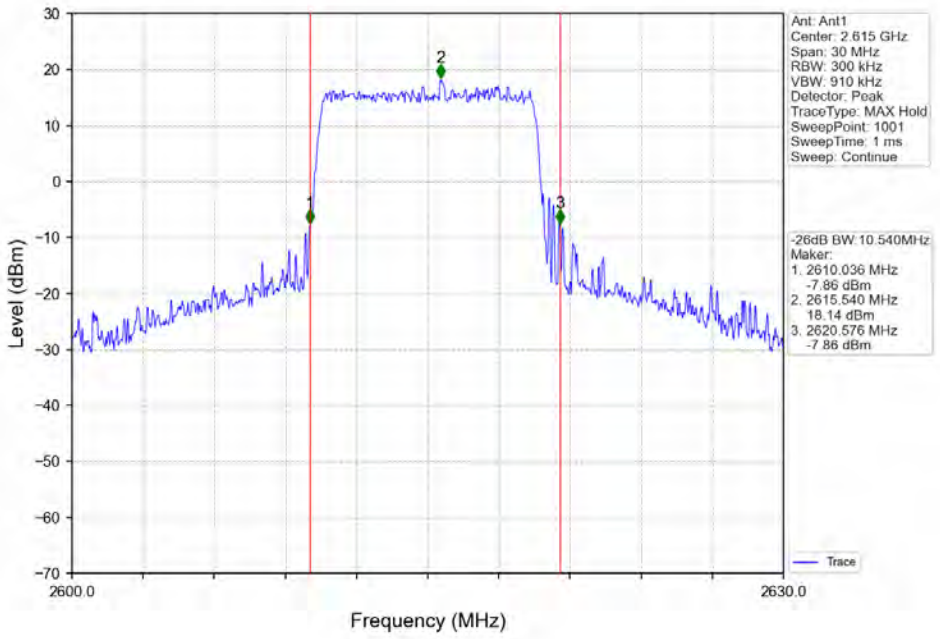
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



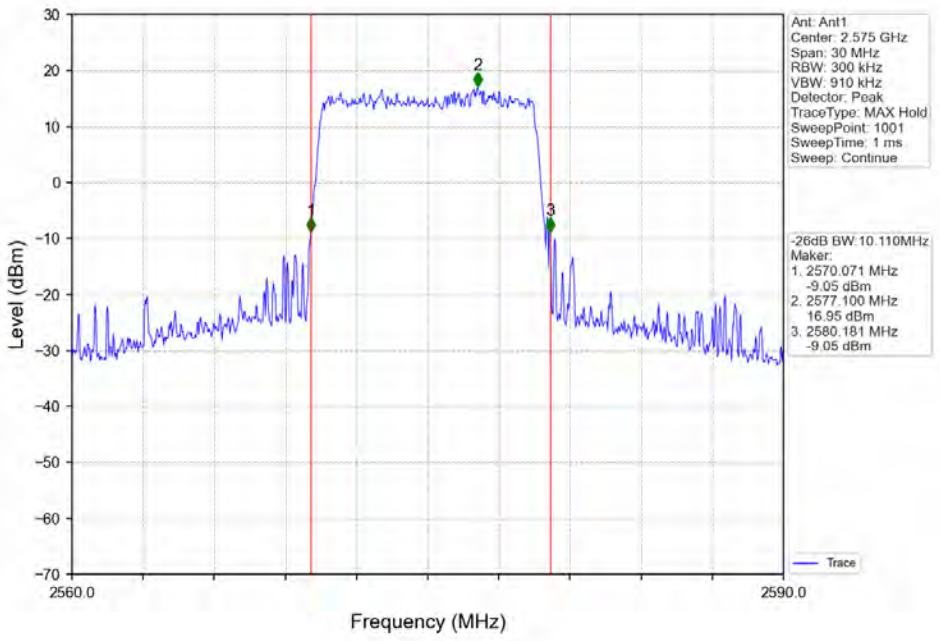
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



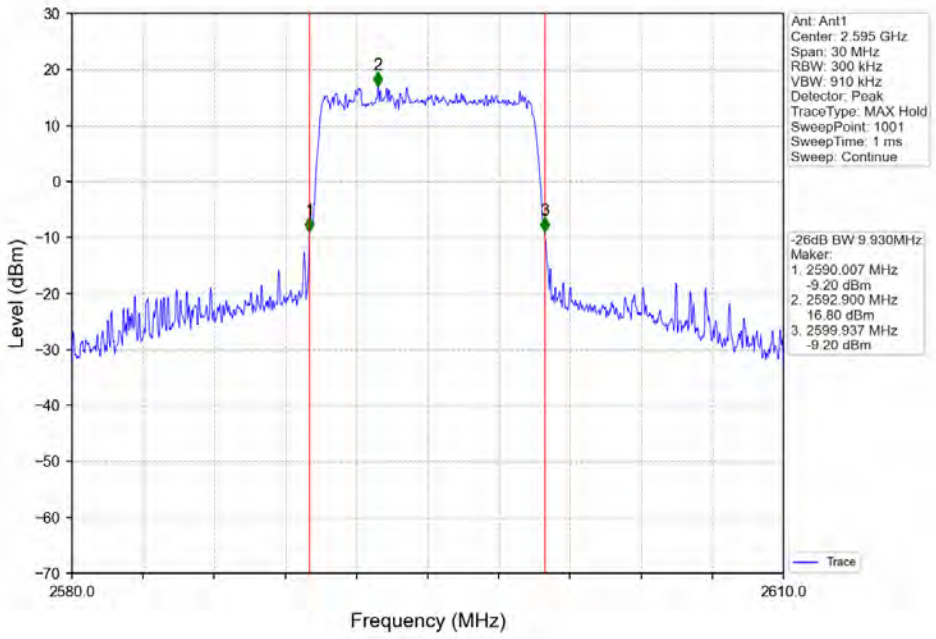
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



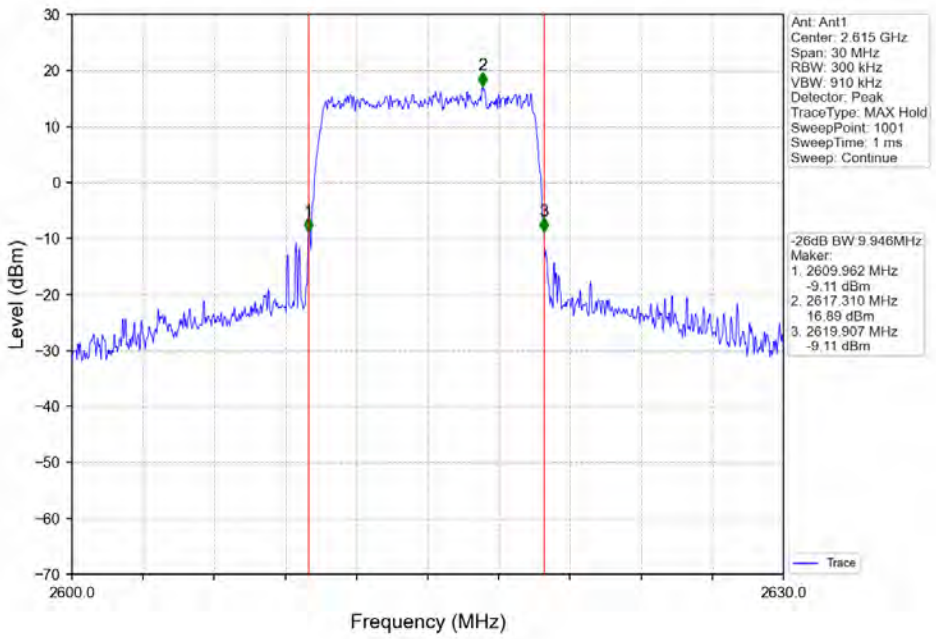
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



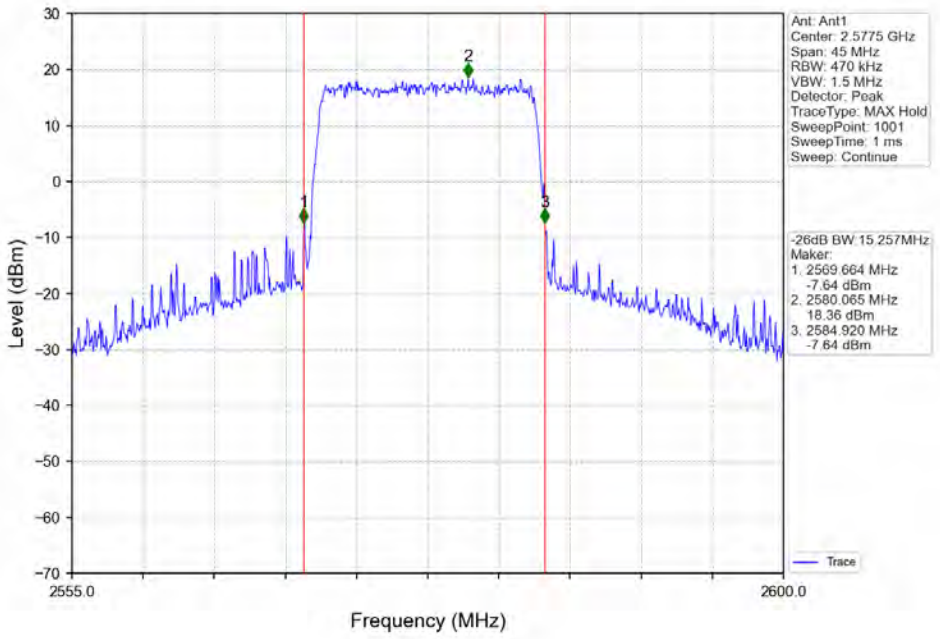
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



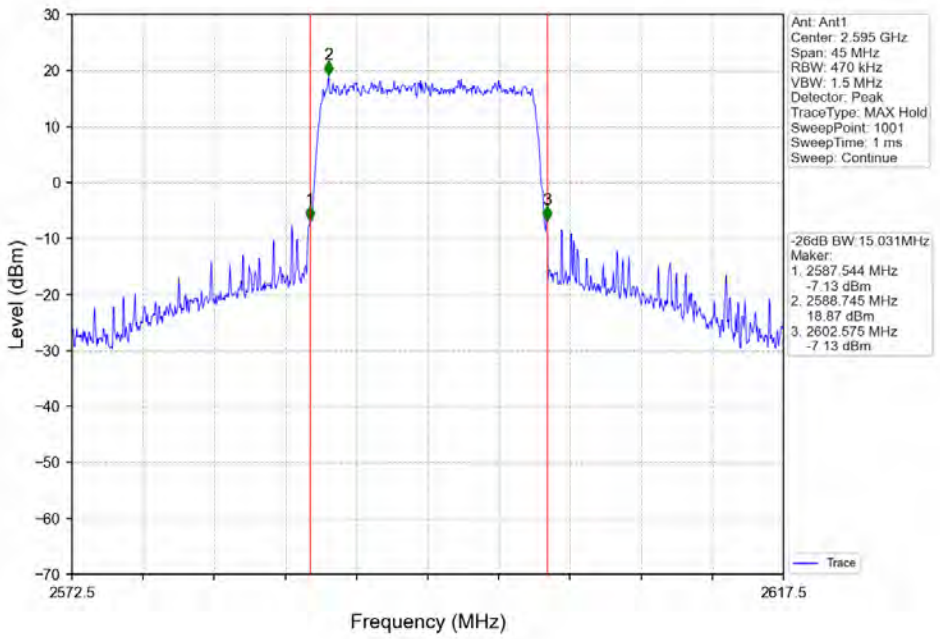
Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



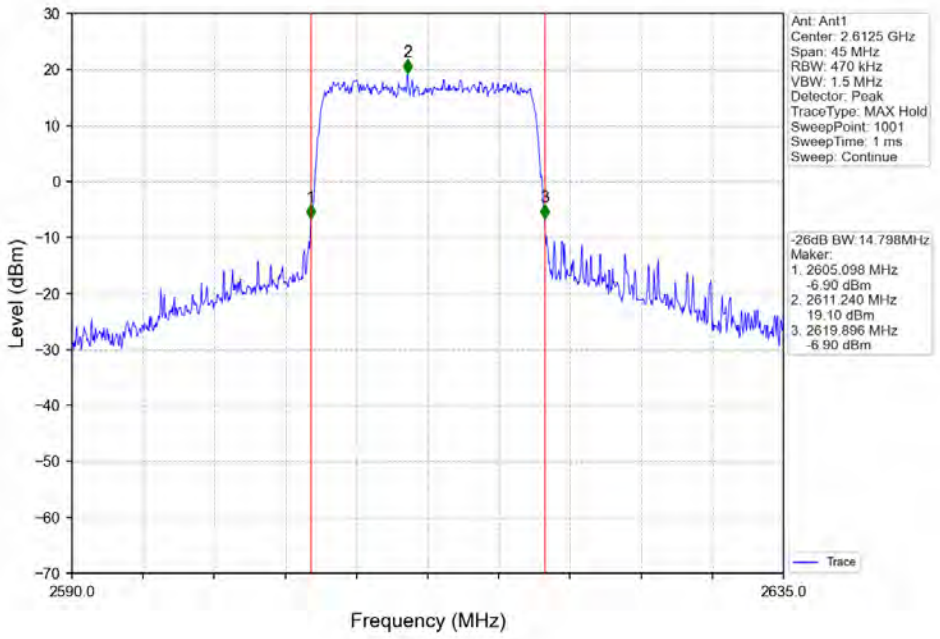
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



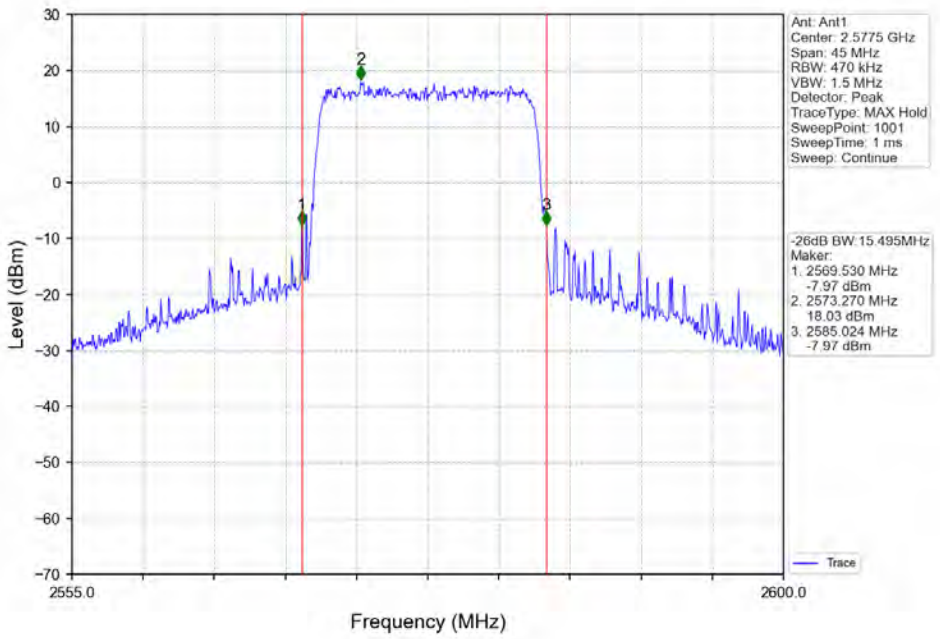
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



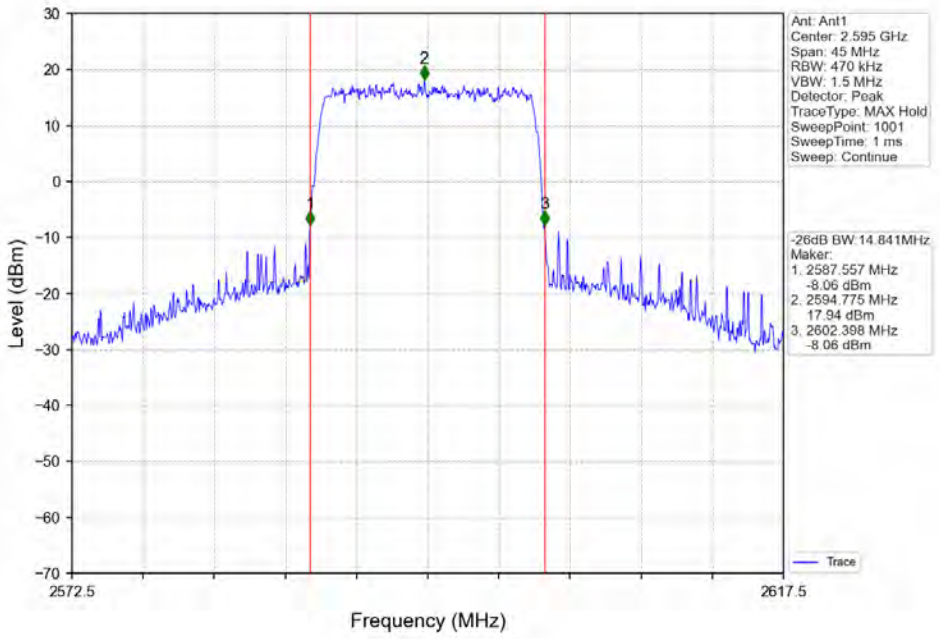
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



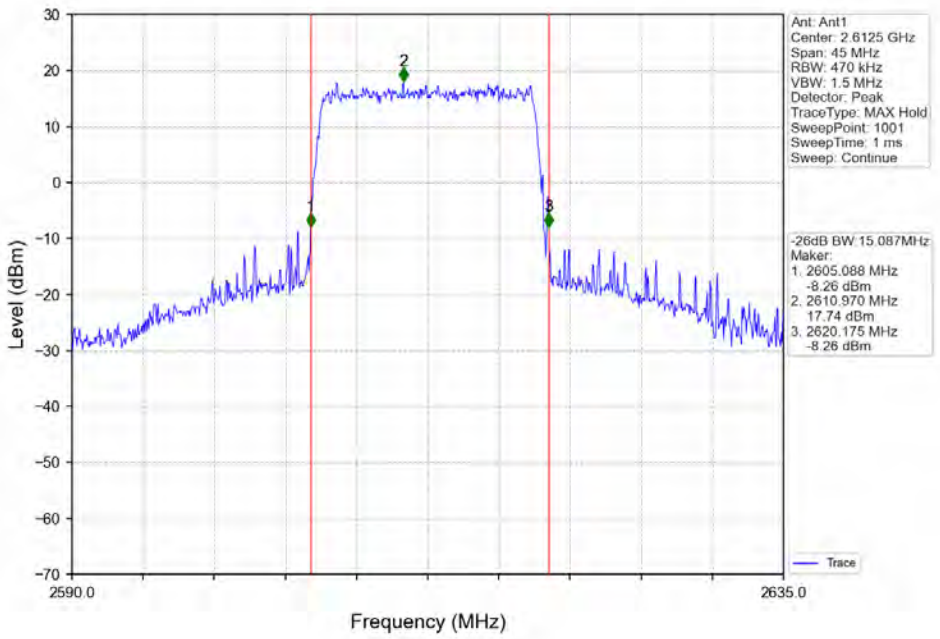
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



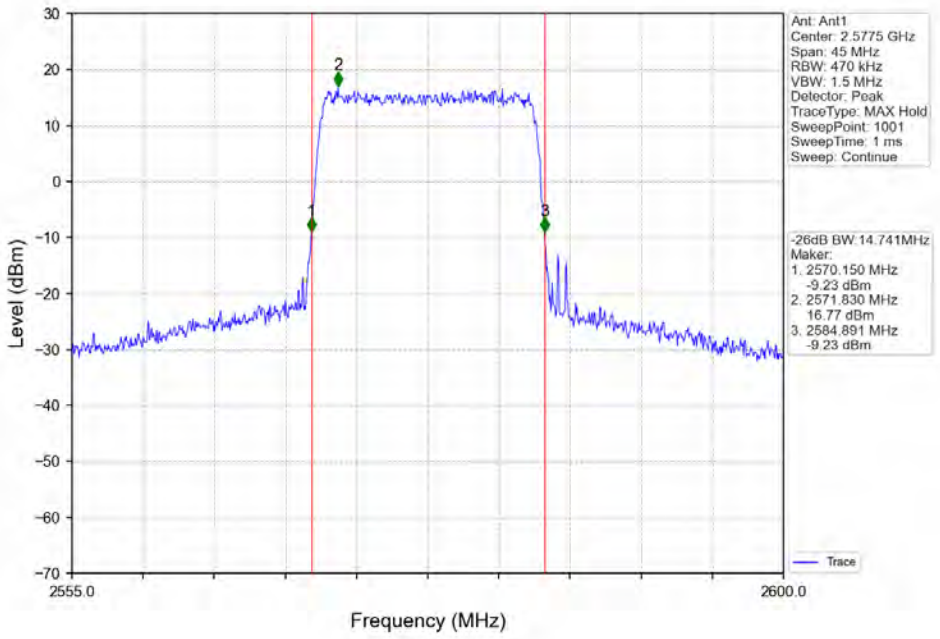
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



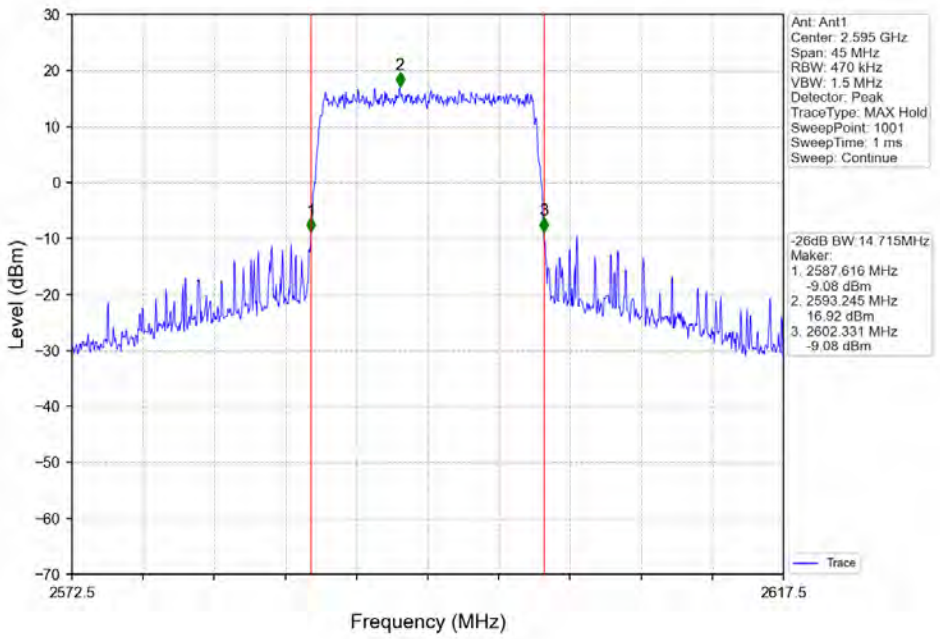
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



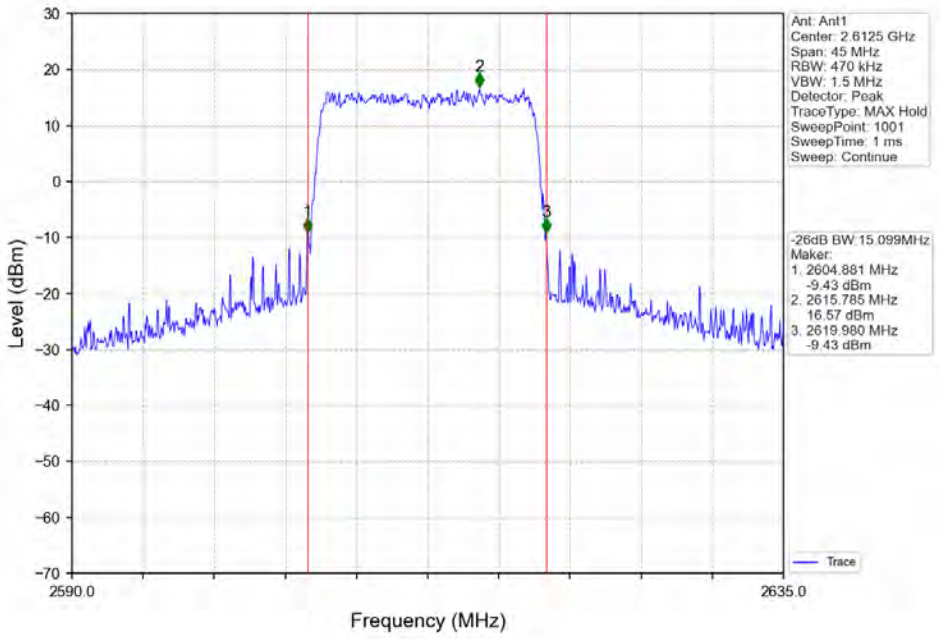
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



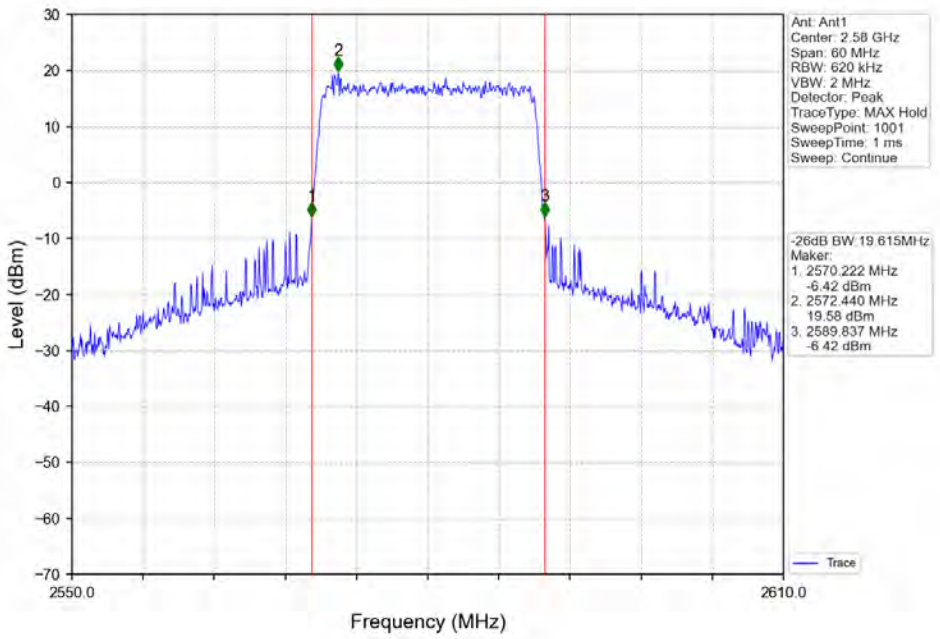
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



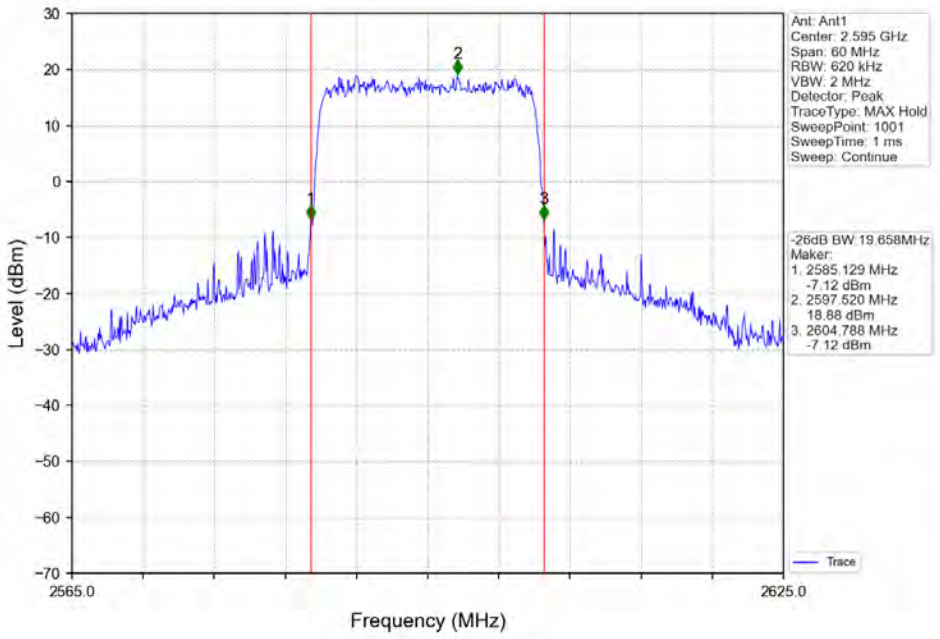
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV



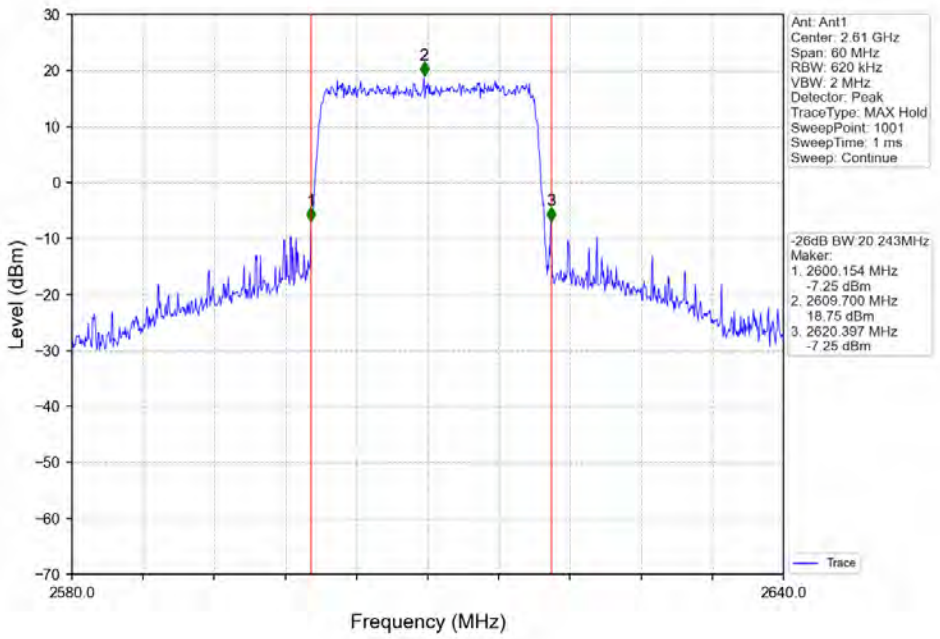
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



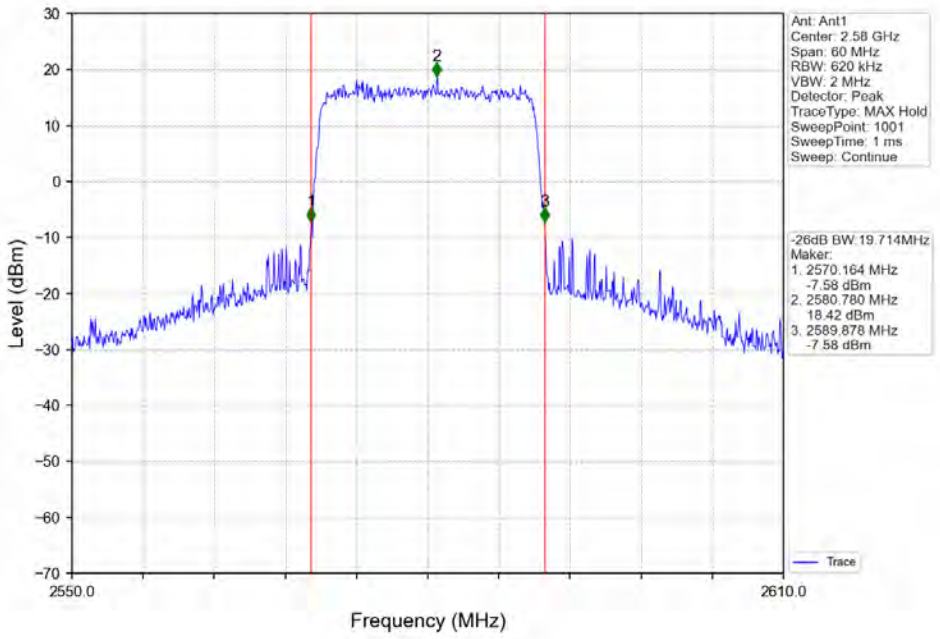
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



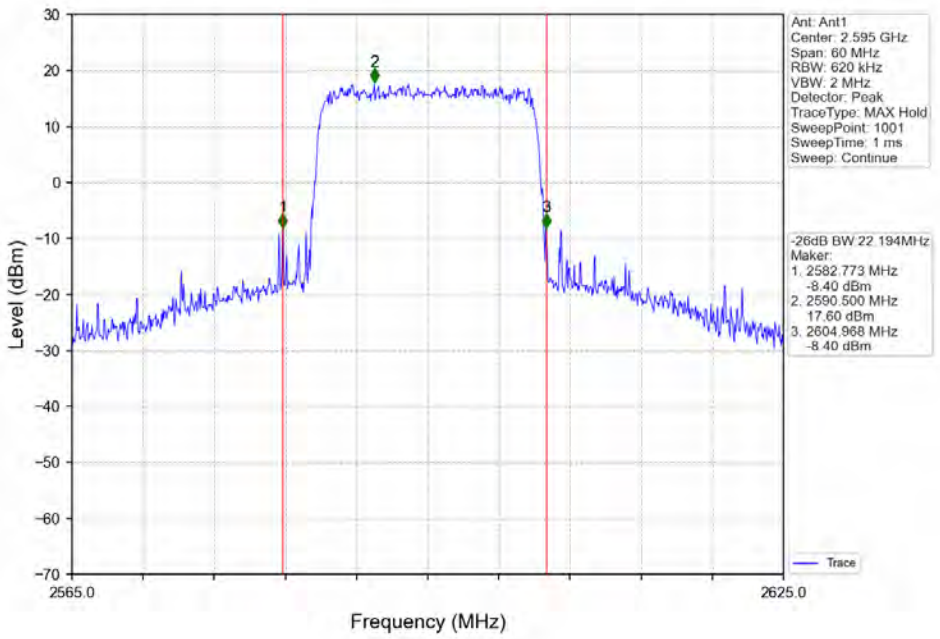
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



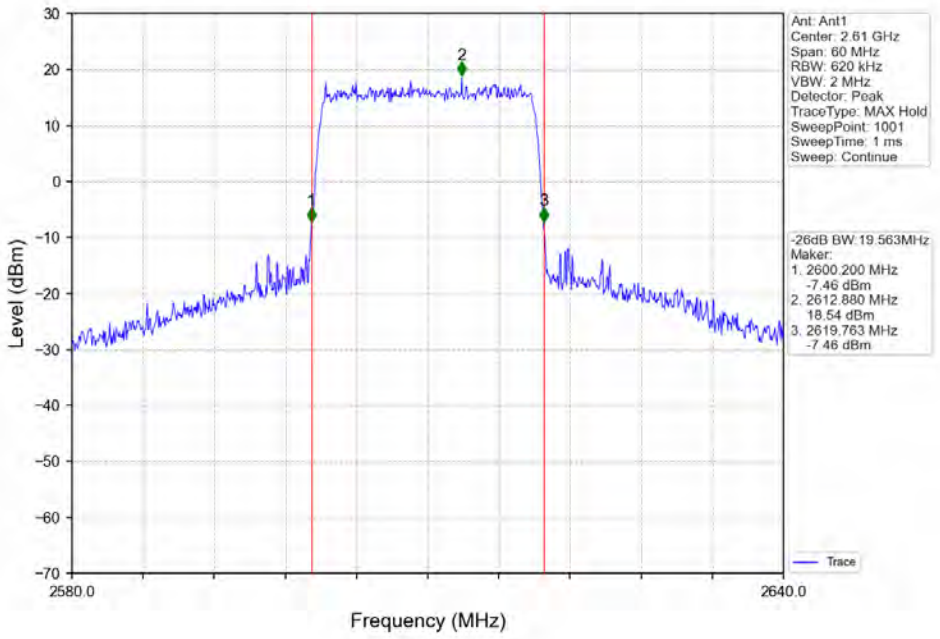
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



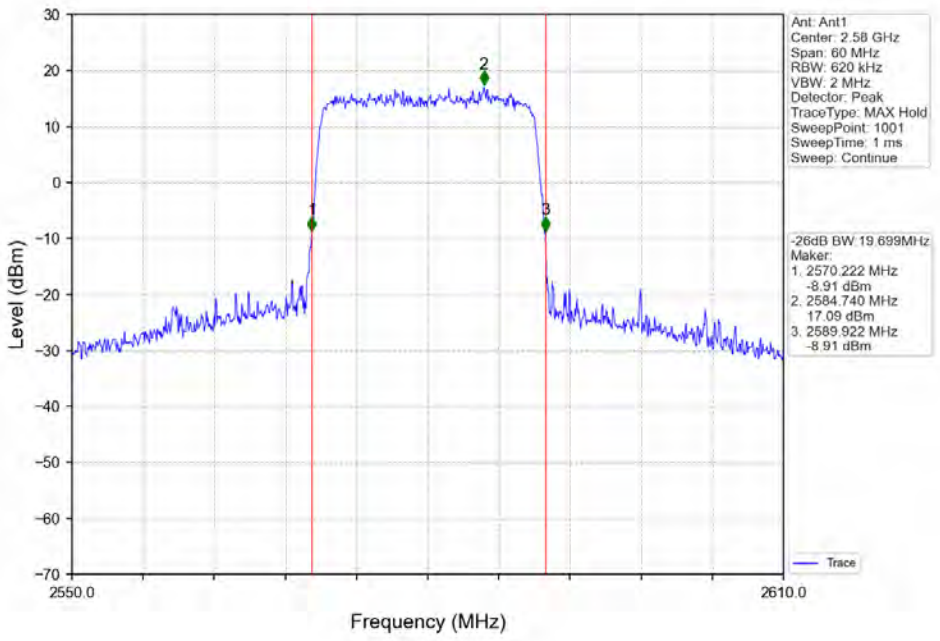
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



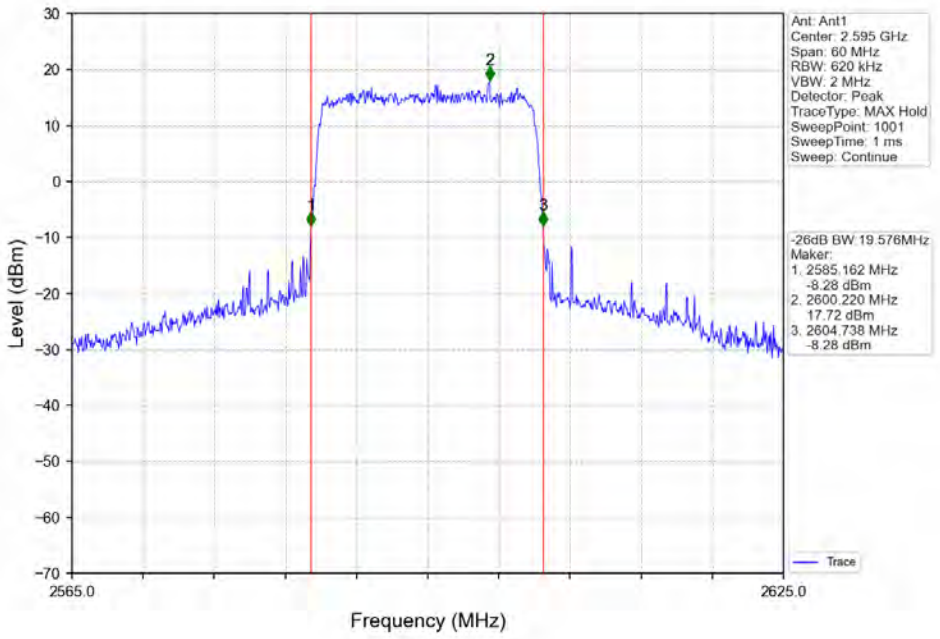
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



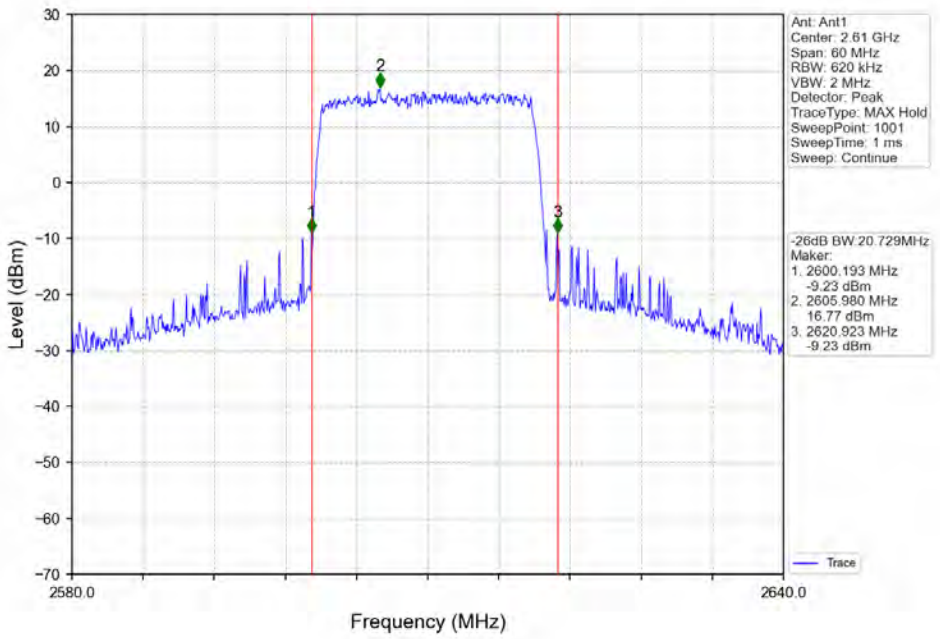
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



PEAK-AVERAGE RATIO

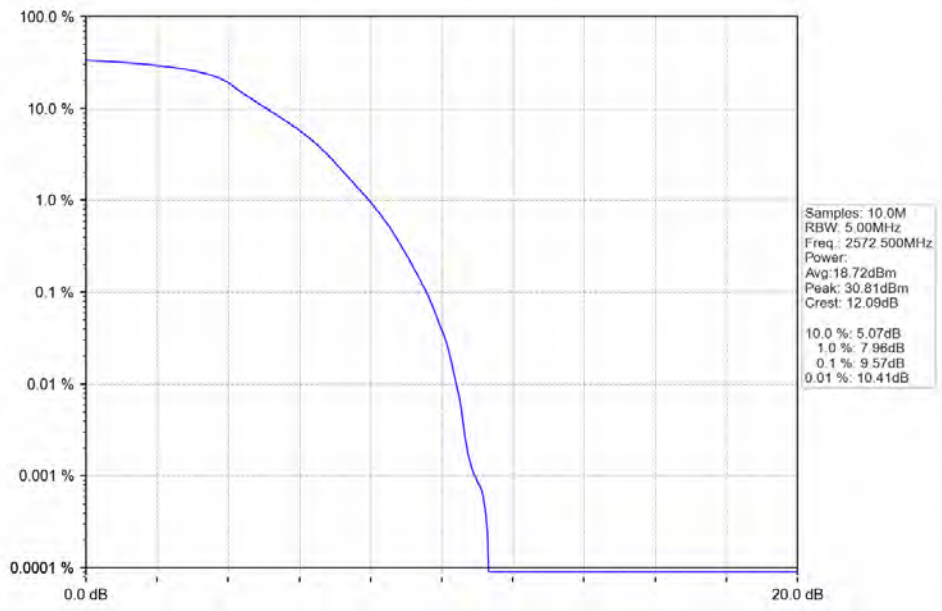
B38_5MHZ

TEST RESULT

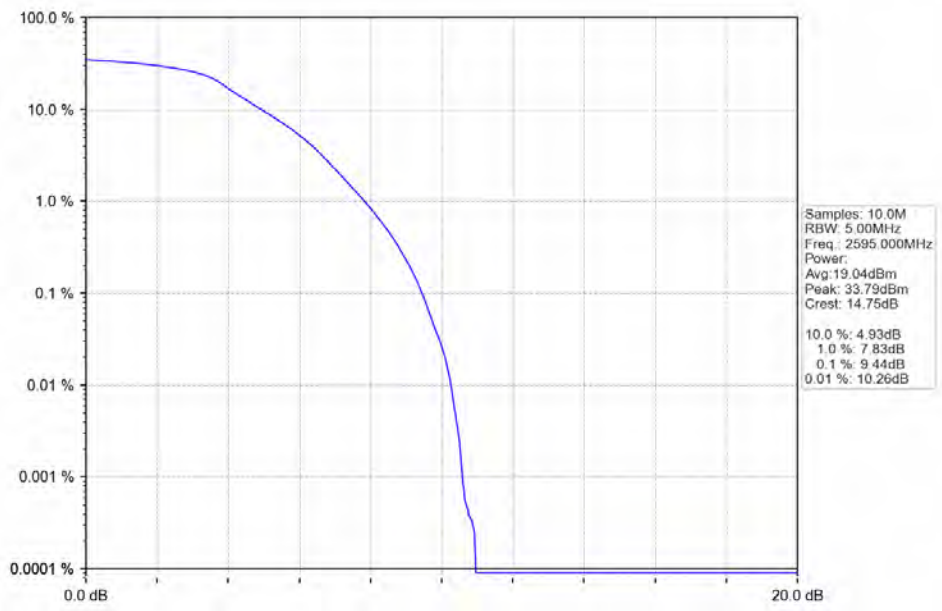
Band: 38 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2572.5	25	0	9.57	<=13	Pass
	2595	25	0	9.44	<=13	Pass
	2617.5	25	0	9.19	<=13	Pass
16QAM	2572.5	25	0	10.12	<=13	Pass
	2595	25	0	10.07	<=13	Pass
	2617.5	25	0	10.64	<=13	Pass
64QAM	2572.5	25	0	10.08	<=13	Pass
	2595	25	0	10.30	<=13	Pass
	2617.5	25	0	10.16	<=13	Pass

Test Graph

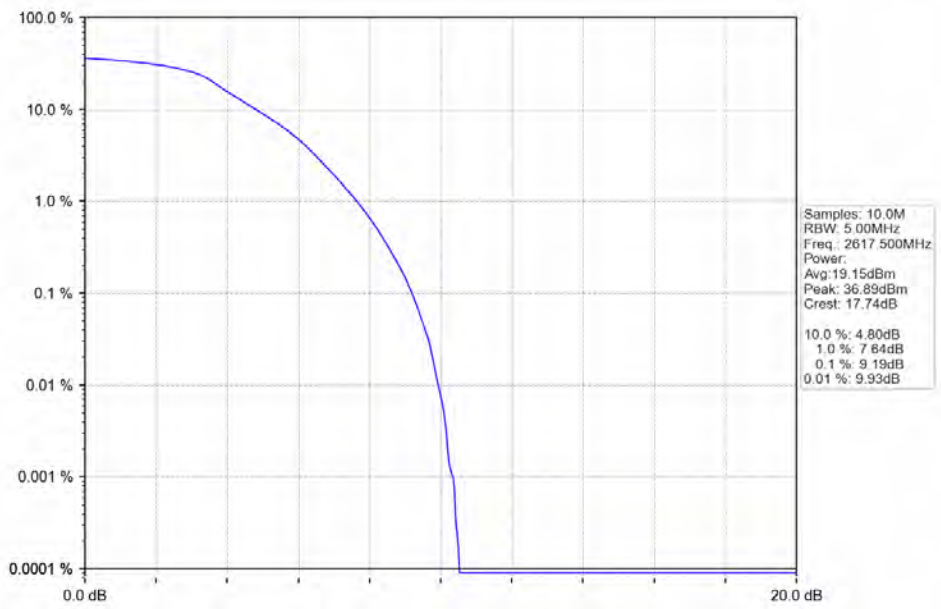
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



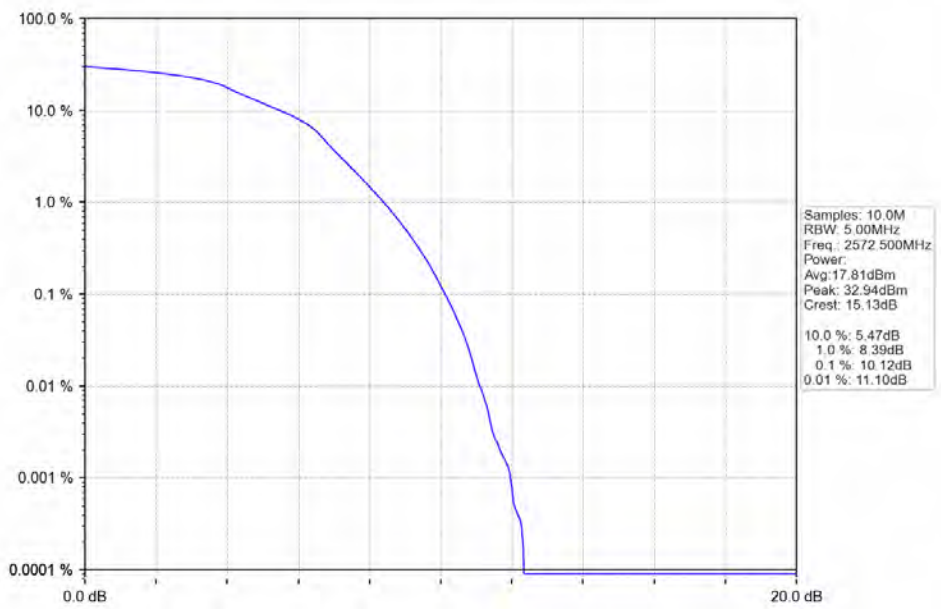
Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV



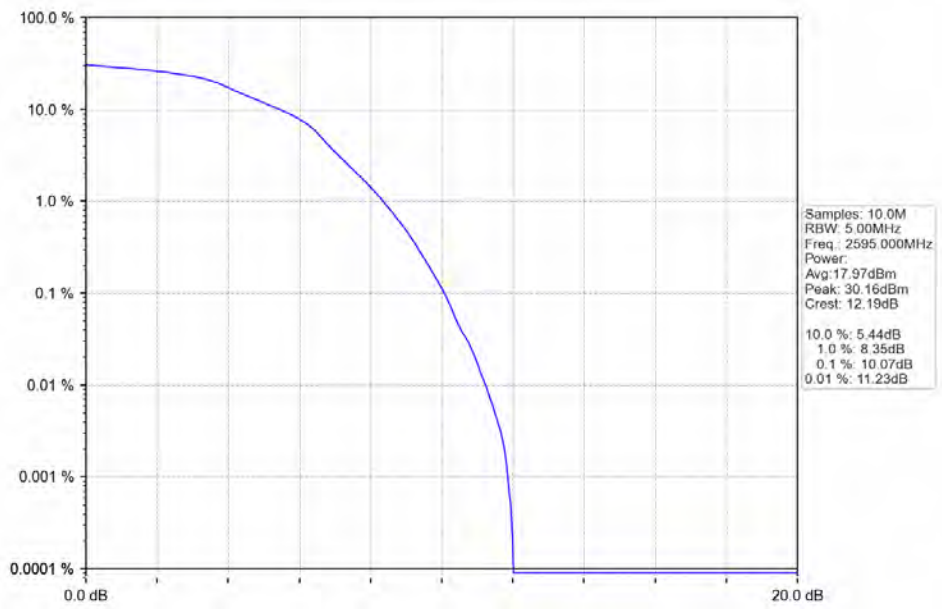
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



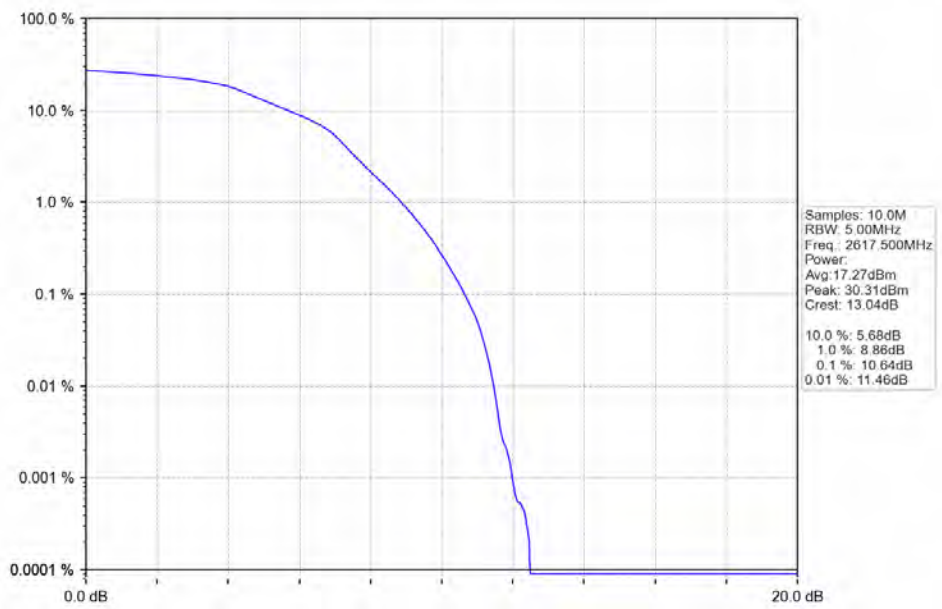
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



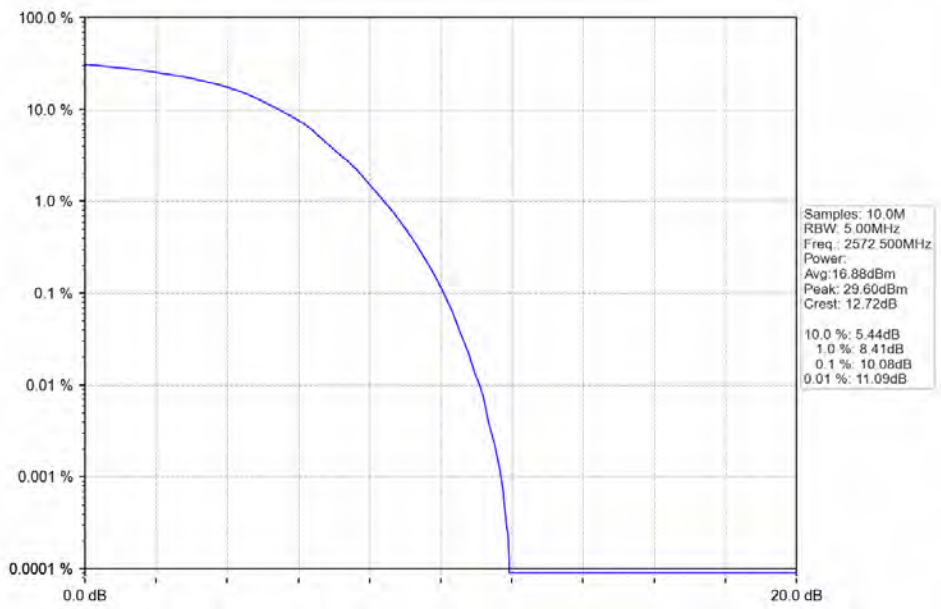
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



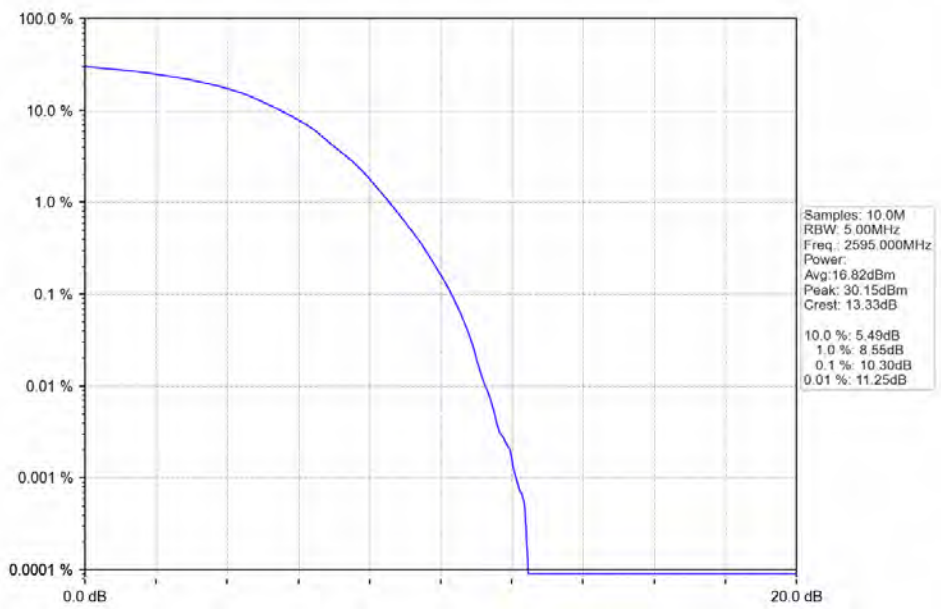
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



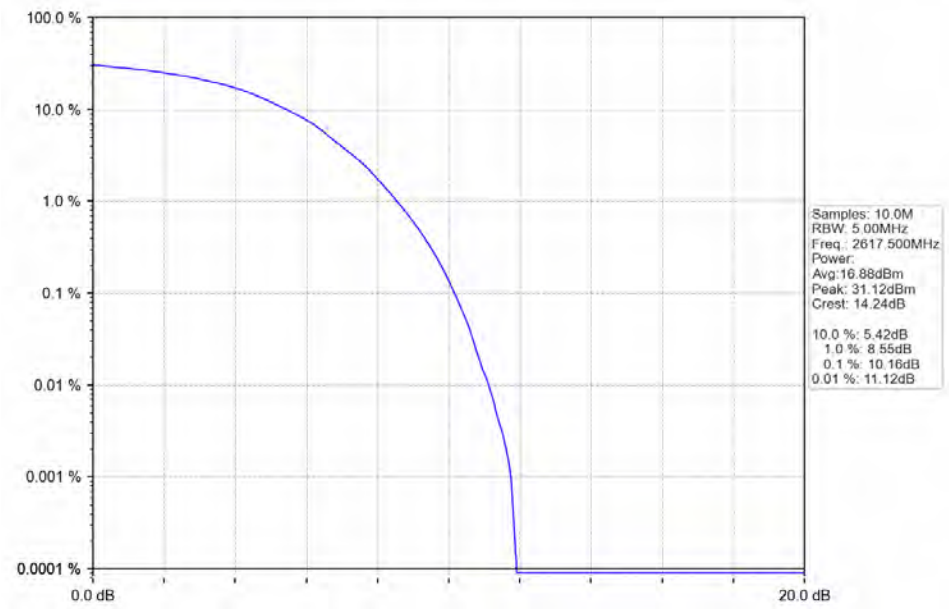
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV



Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV

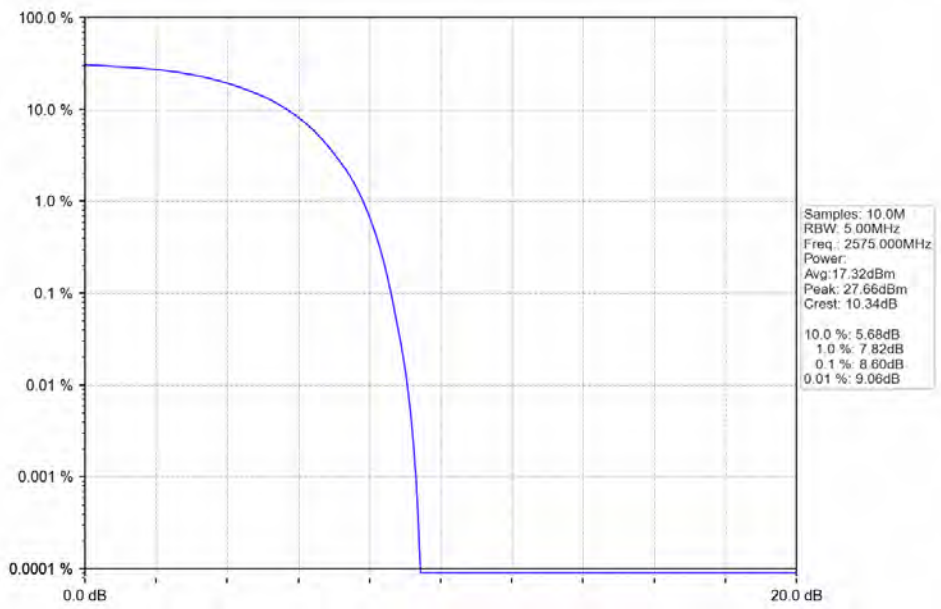


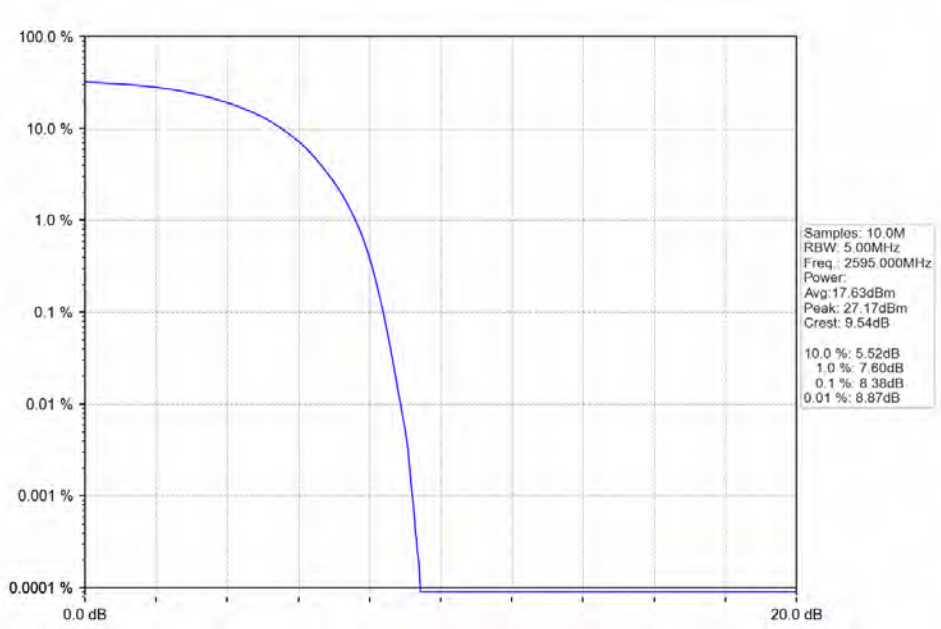
B38_10MHZ

TEST RESULT

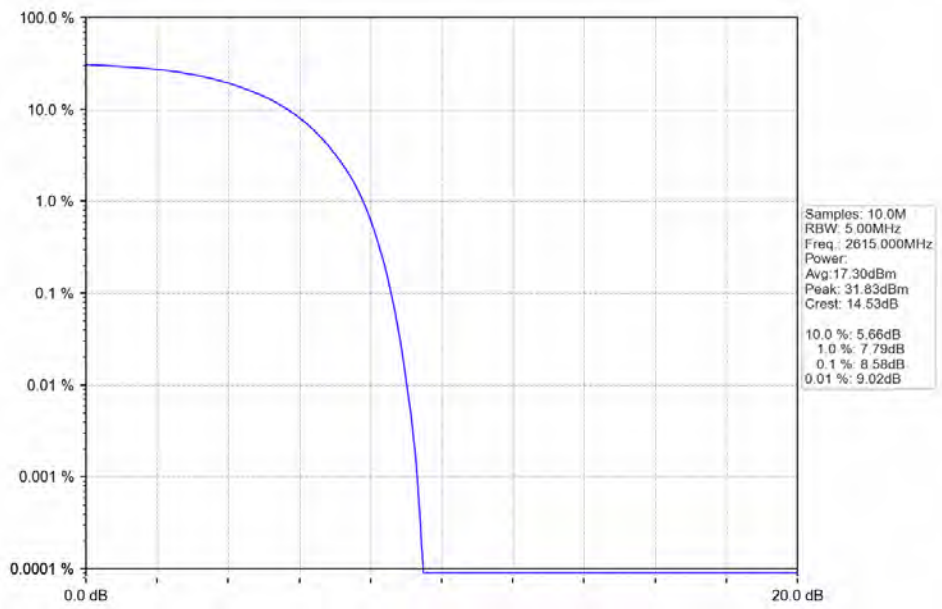
Band: 38 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	50	0	8.60	<=13	Pass
	2595	50	0	8.38	<=13	Pass
	2615	50	0	8.58	<=13	Pass
16QAM	2575	50	0	9.96	<=13	Pass
	2595	50	0	9.97	<=13	Pass
	2615	50	0	9.98	<=13	Pass
64QAM	2575	50	0	10.01	<=13	Pass
	2595	50	0	9.94	<=13	Pass
	2615	50	0	9.93	<=13	Pass

TEST GRAPH

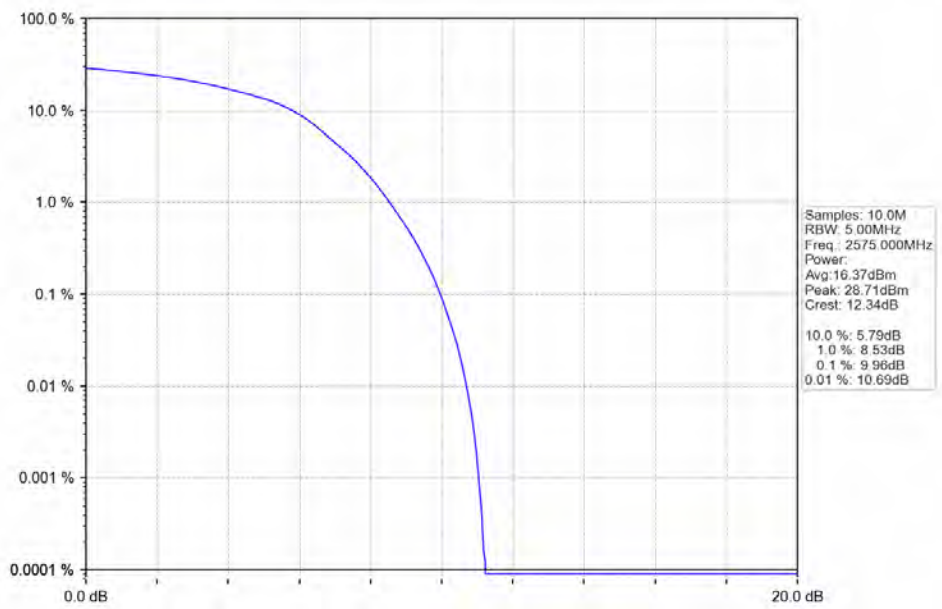
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV


Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV


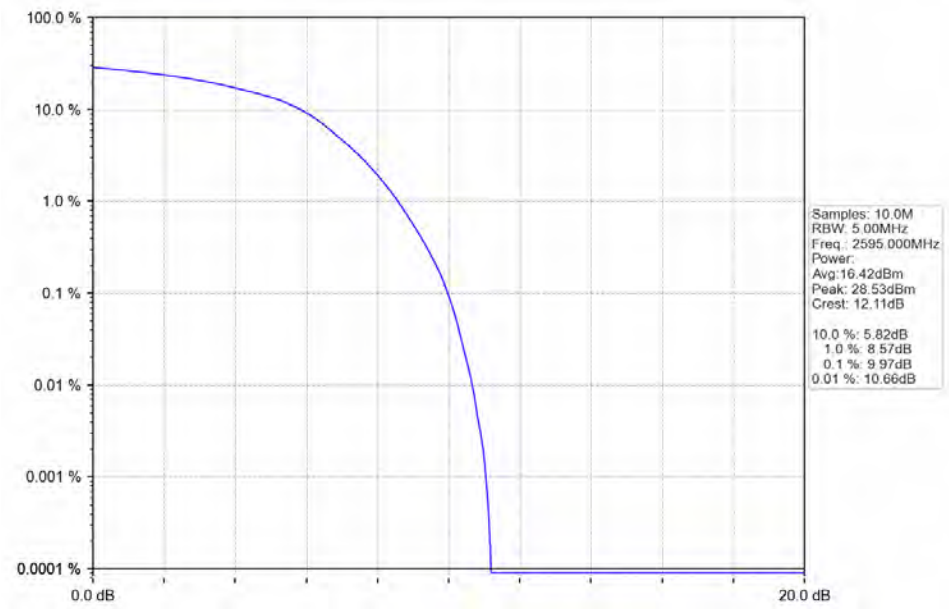
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



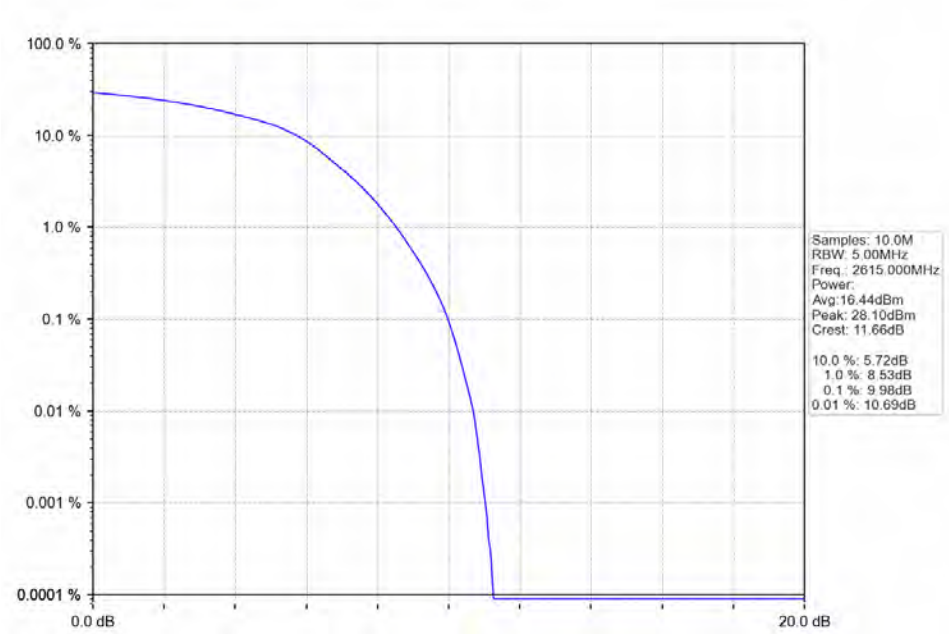
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



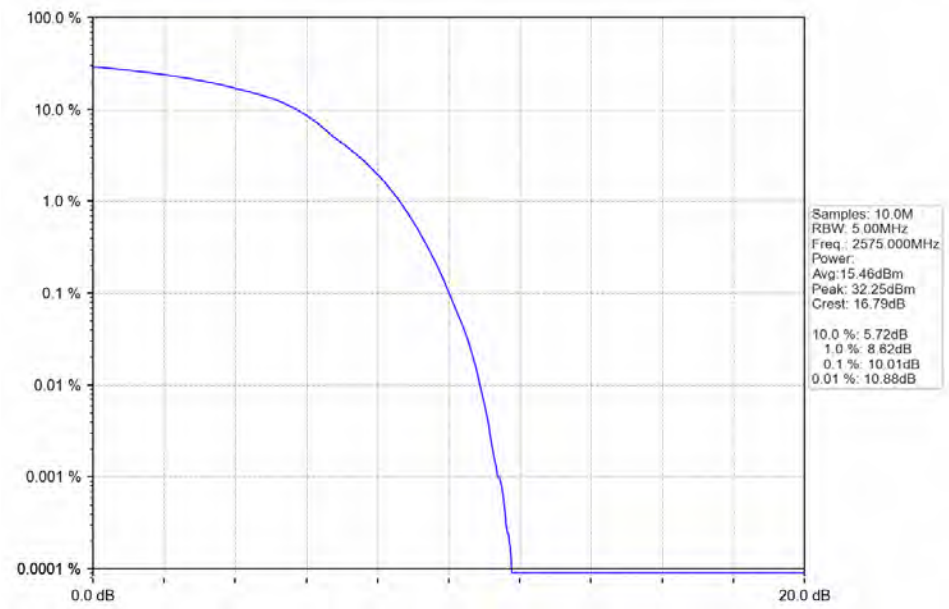
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



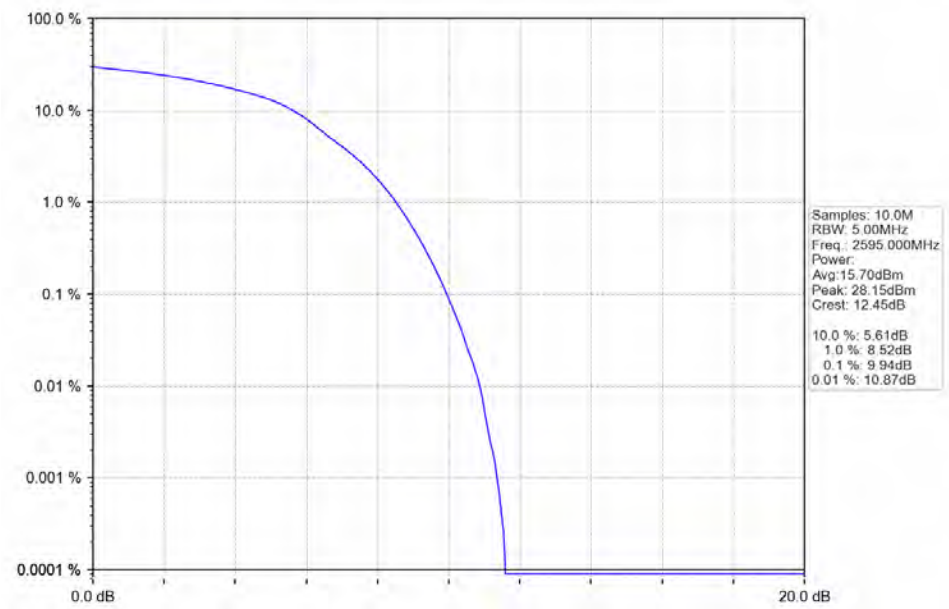
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



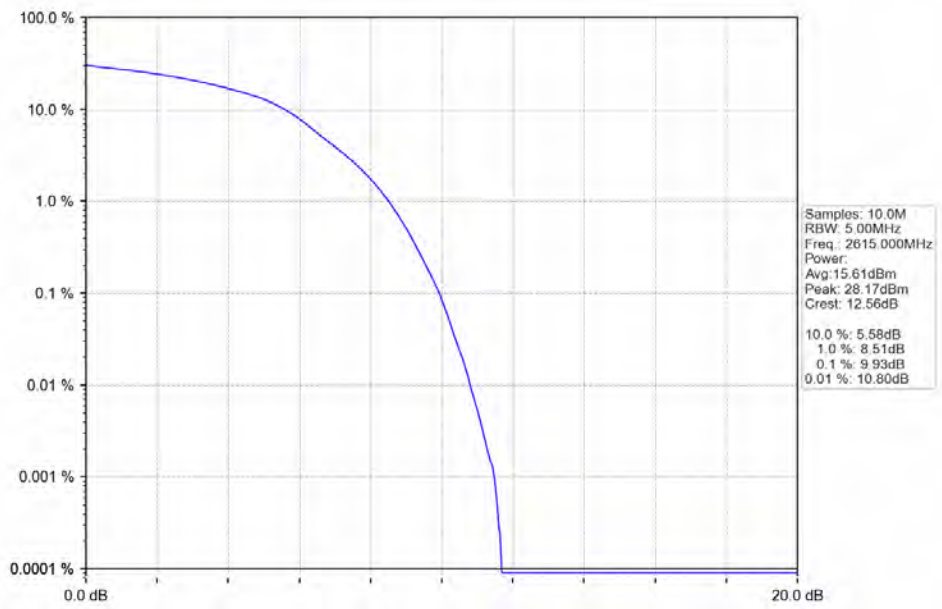
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



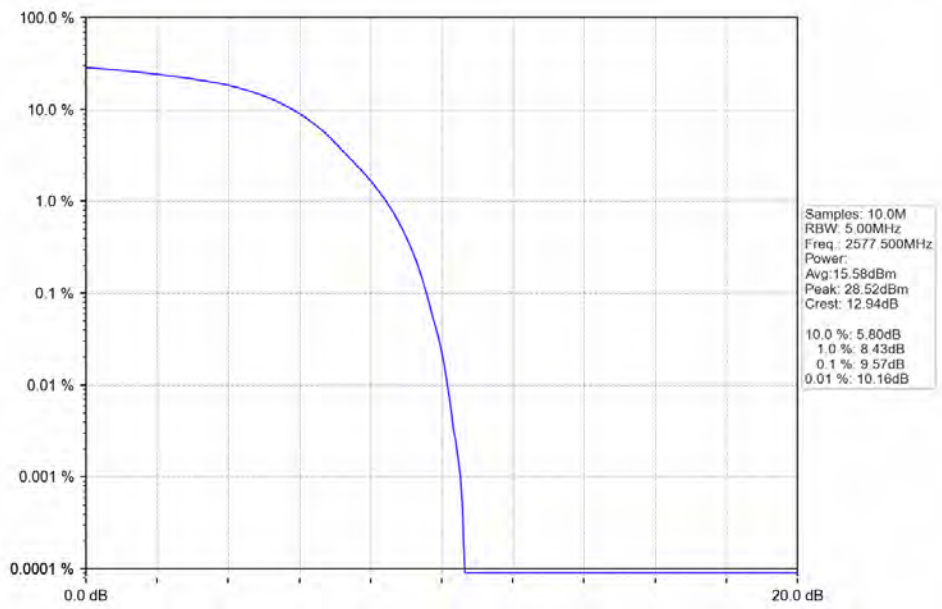
B38_15MHZ

TEST RESULT

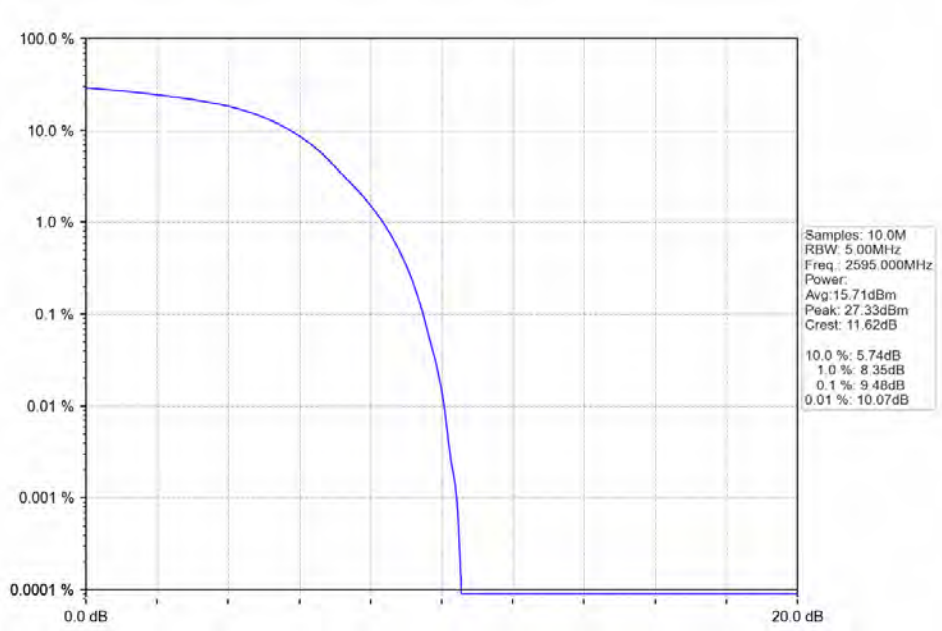
Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	75	0	9.57	<=13	Pass
	2595	75	0	9.48	<=13	Pass
	2612.5	75	0	9.60	<=13	Pass
16QAM	2577.5	75	0	10.43	<=13	Pass
	2595	75	0	10.25	<=13	Pass
	2612.5	75	0	10.48	<=13	Pass
64QAM	2577.5	75	0	10.42	<=13	Pass
	2595	75	0	10.50	<=13	Pass
	2612.5	75	0	10.49	<=13	Pass

TEST GRAPH

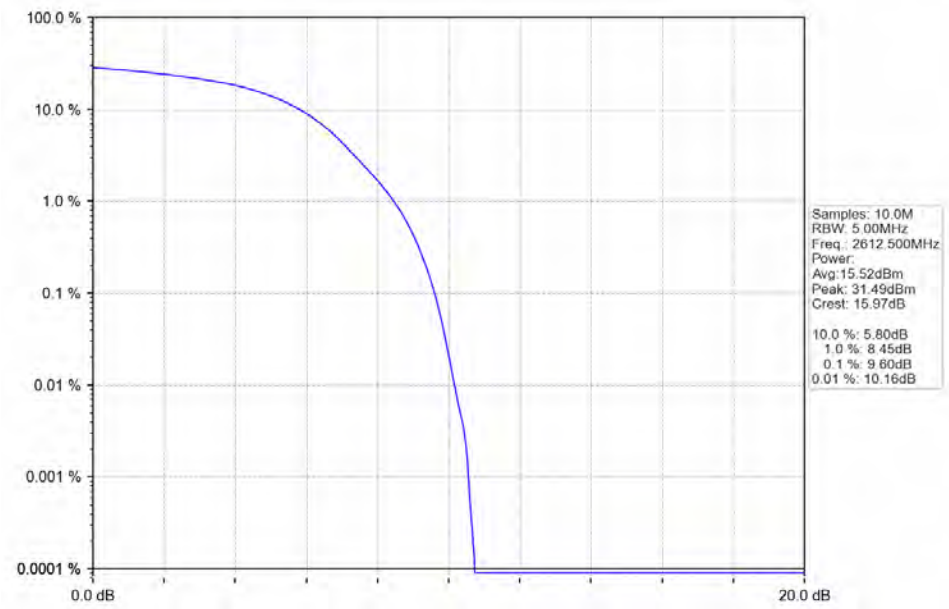
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



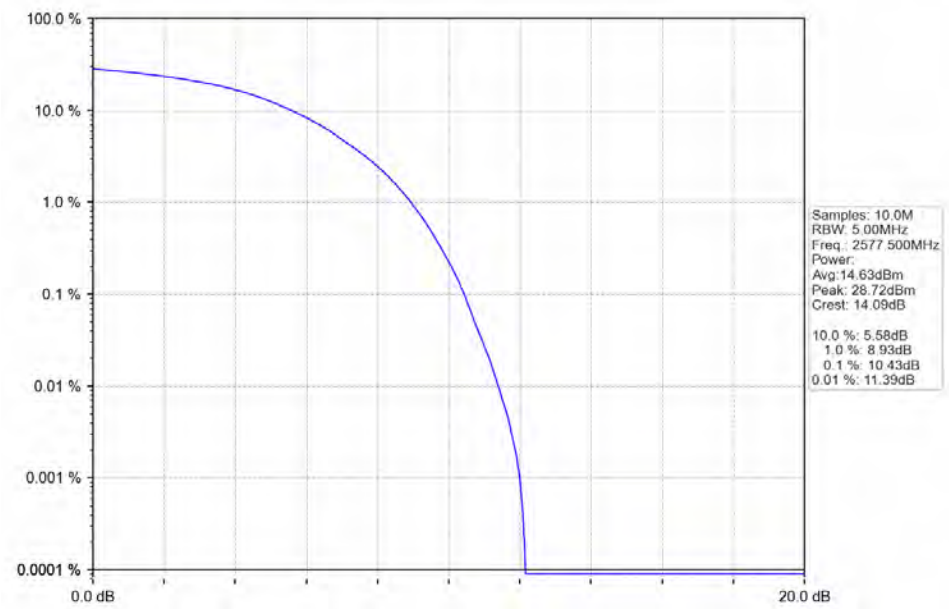
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



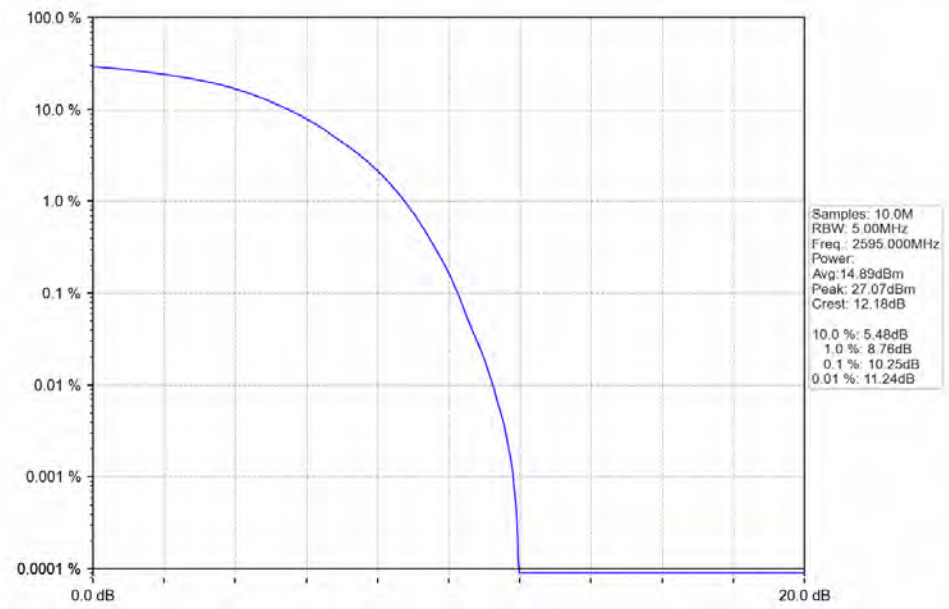
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



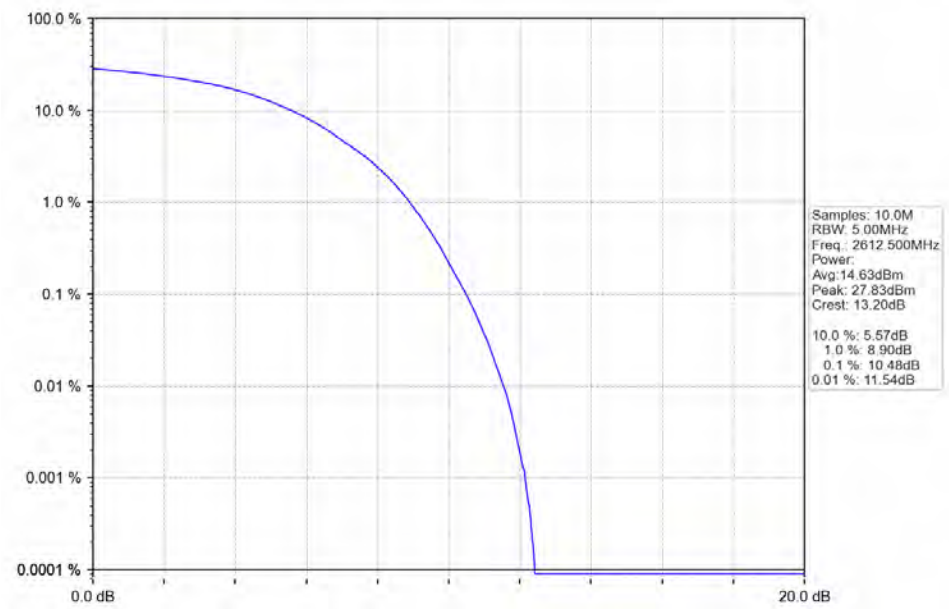
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



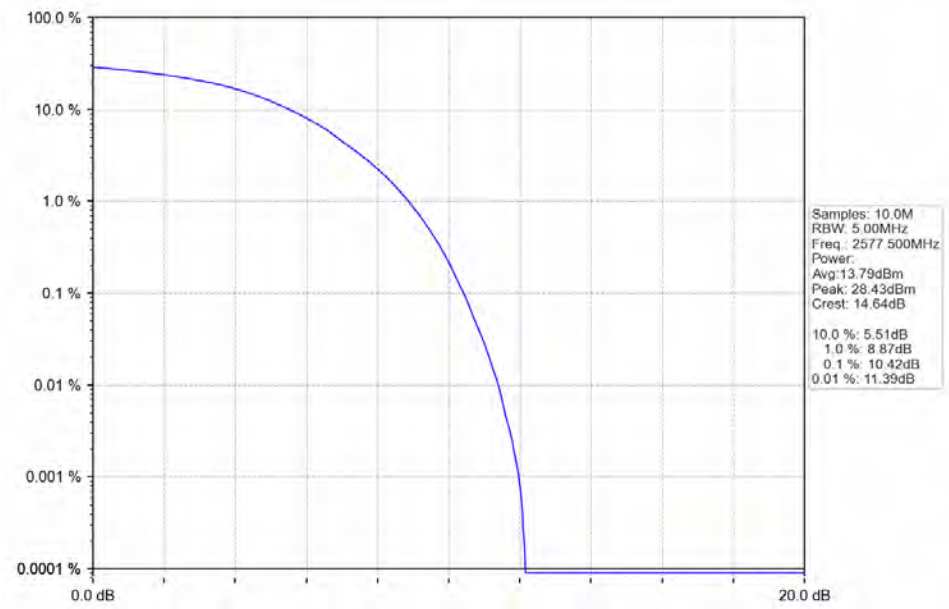
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



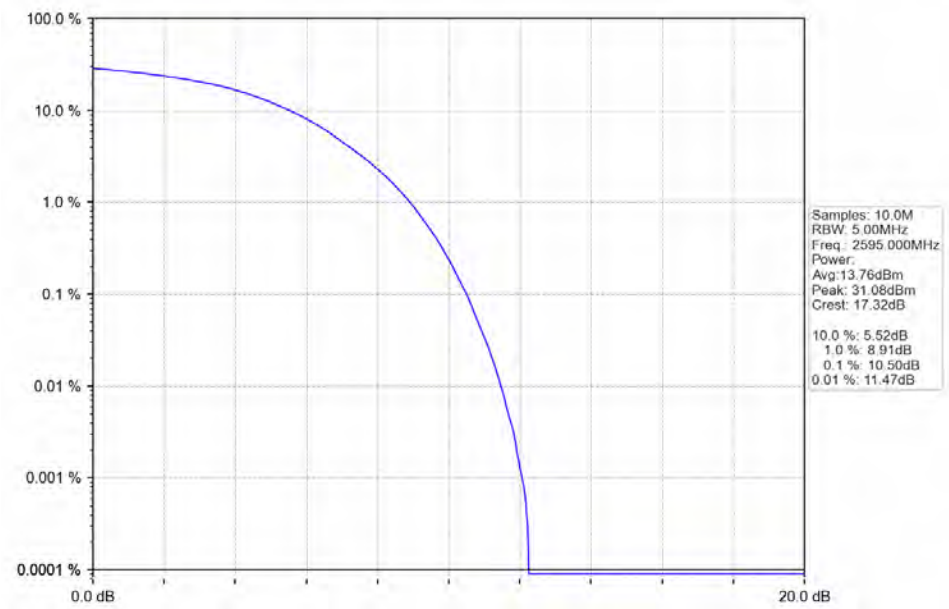
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



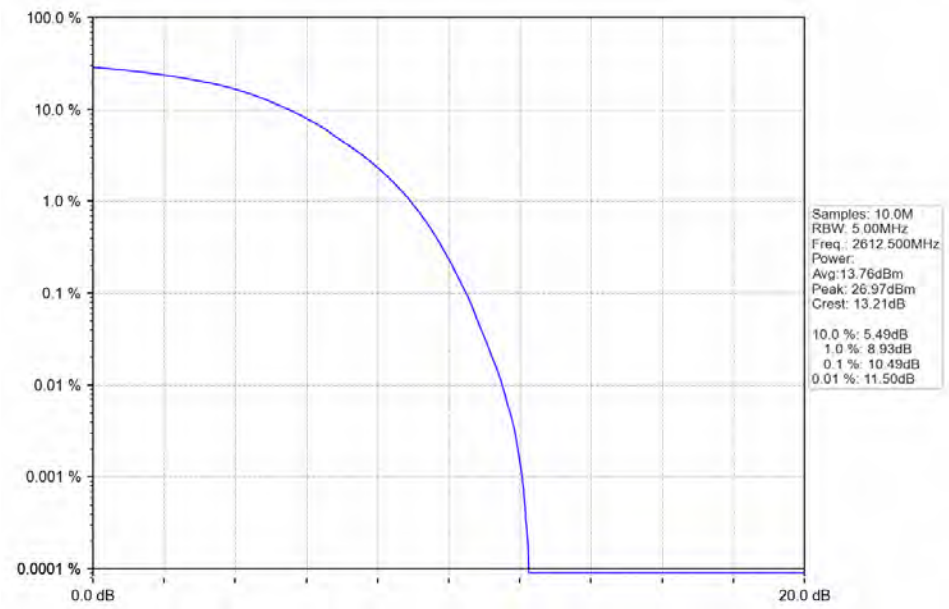
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV



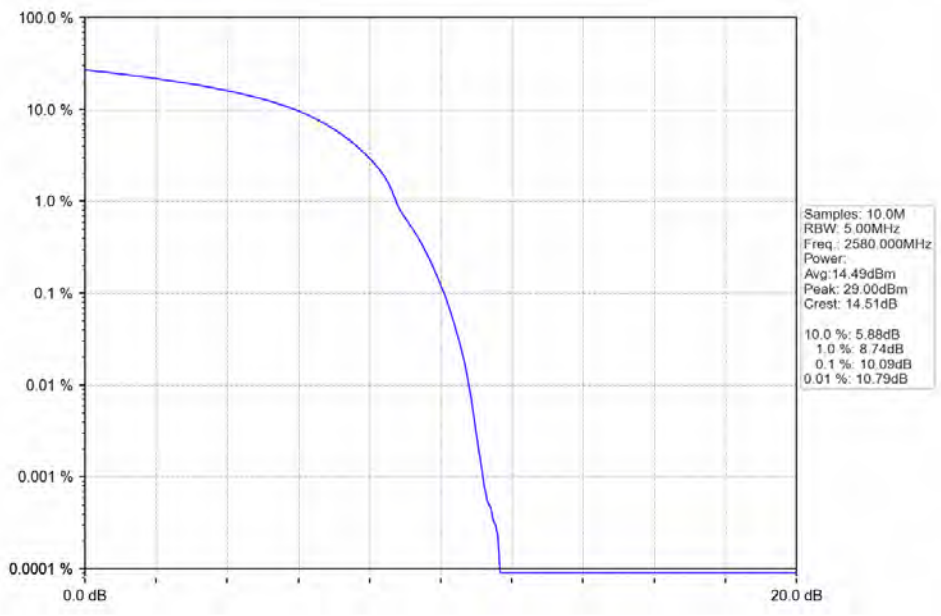
B38_20MHZ

TEST RESULT

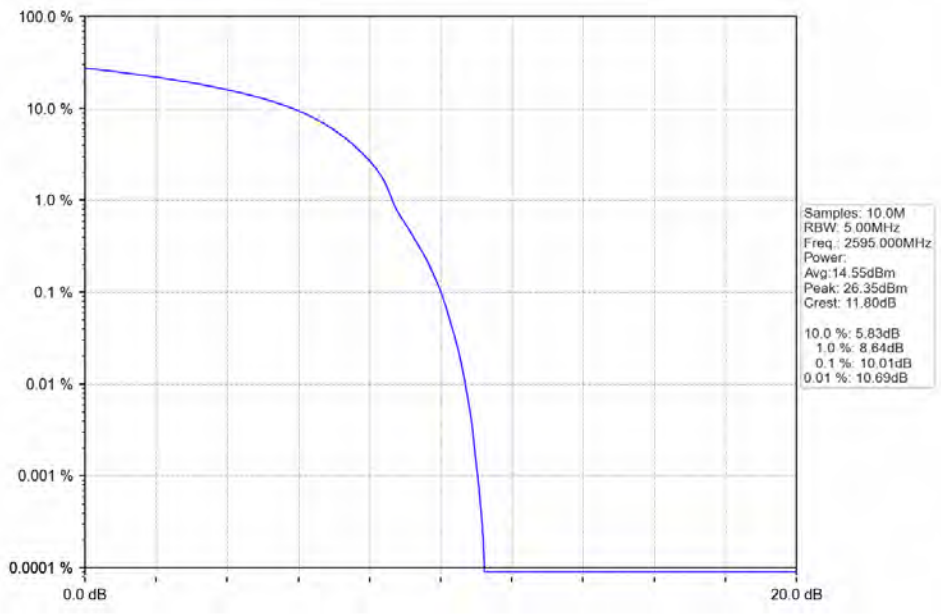
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	100	0	10.09	<=13	Pass
	2595	100	0	10.01	<=13	Pass
	2610	100	0	9.92	<=13	Pass
16QAM	2580	100	0	10.75	<=13	Pass
	2595	100	0	10.61	<=13	Pass
	2610	100	0	10.56	<=13	Pass
64QAM	2580	100	0	10.72	<=13	Pass
	2595	100	0	10.90	<=13	Pass
	2610	100	0	10.80	<=13	Pass

TEST GRAPH

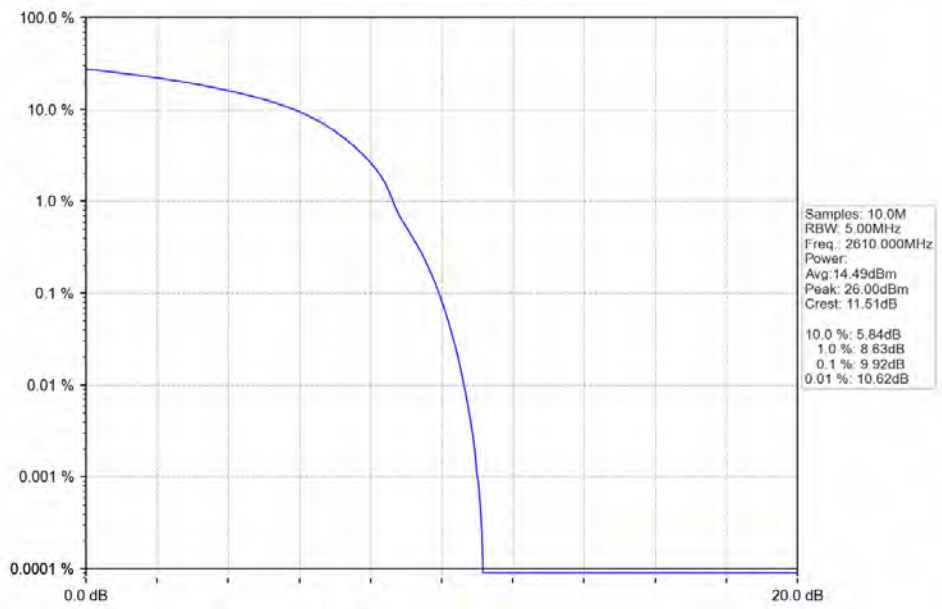
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



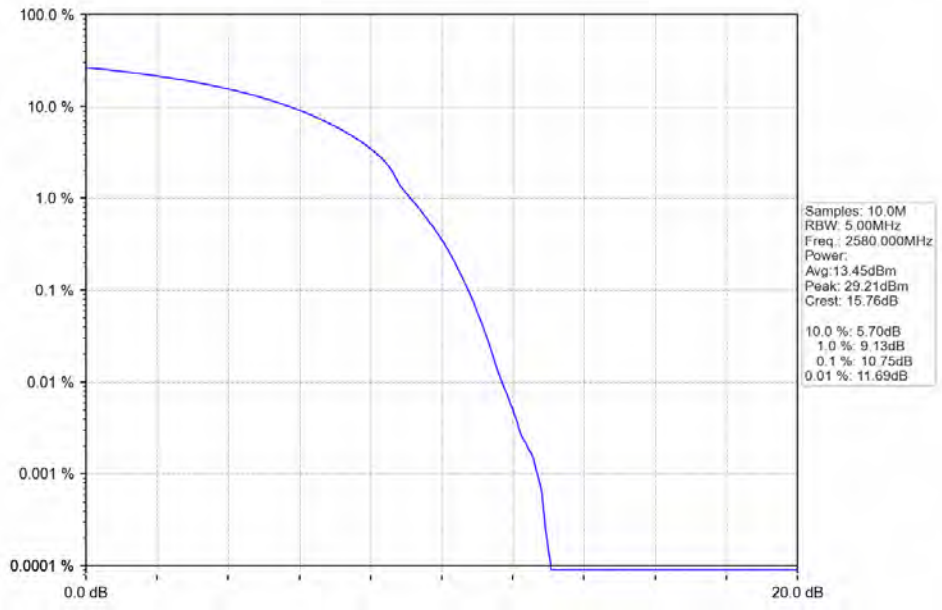
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



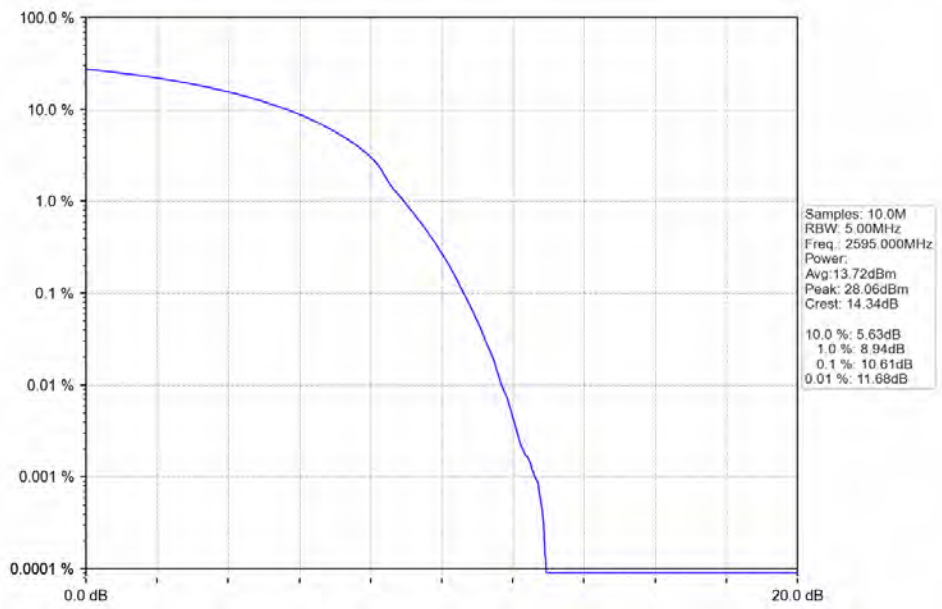
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



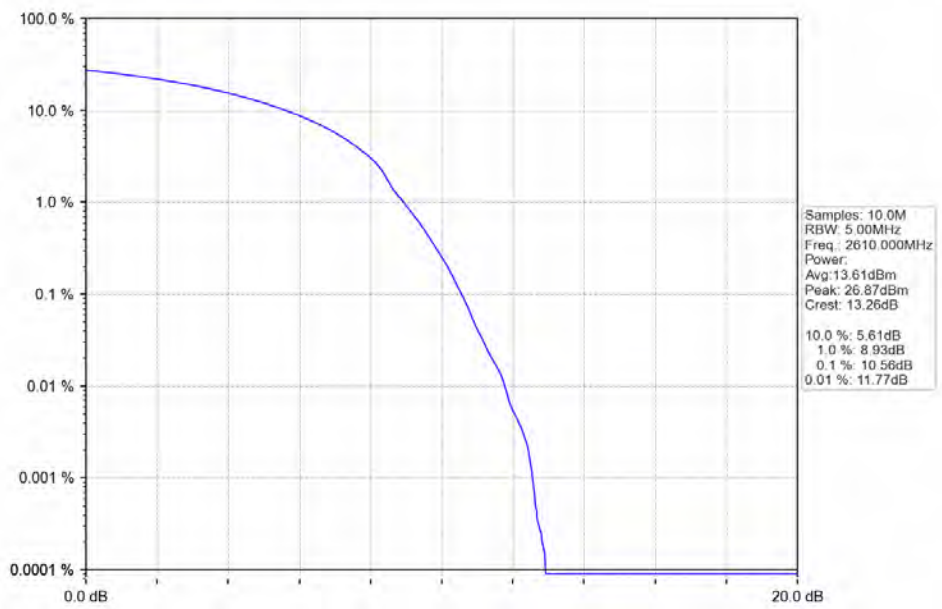
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



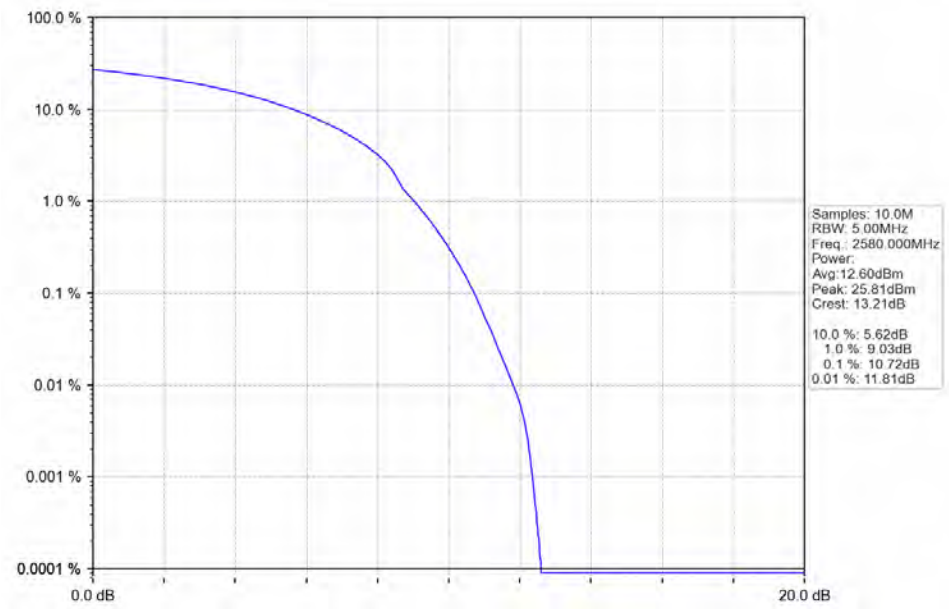
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



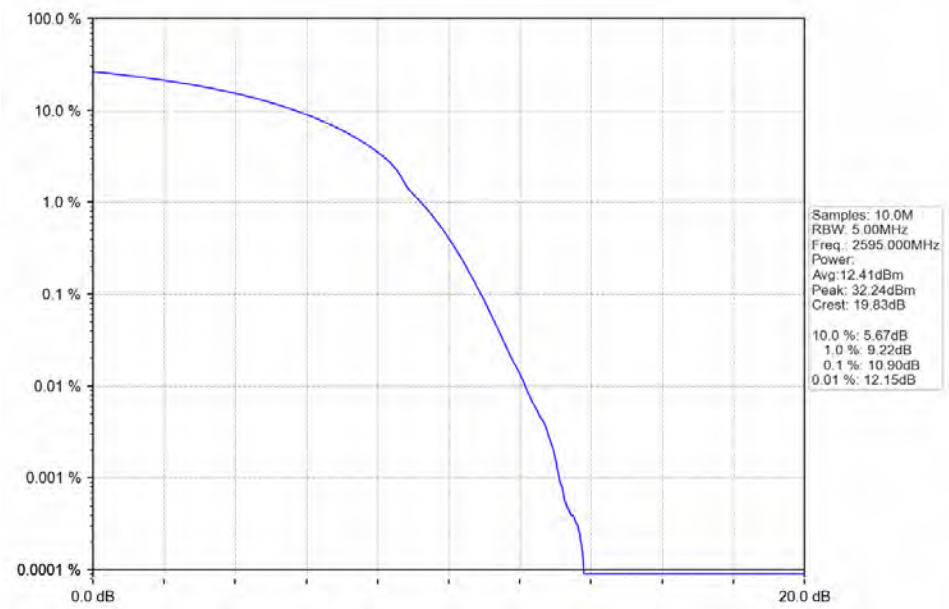
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



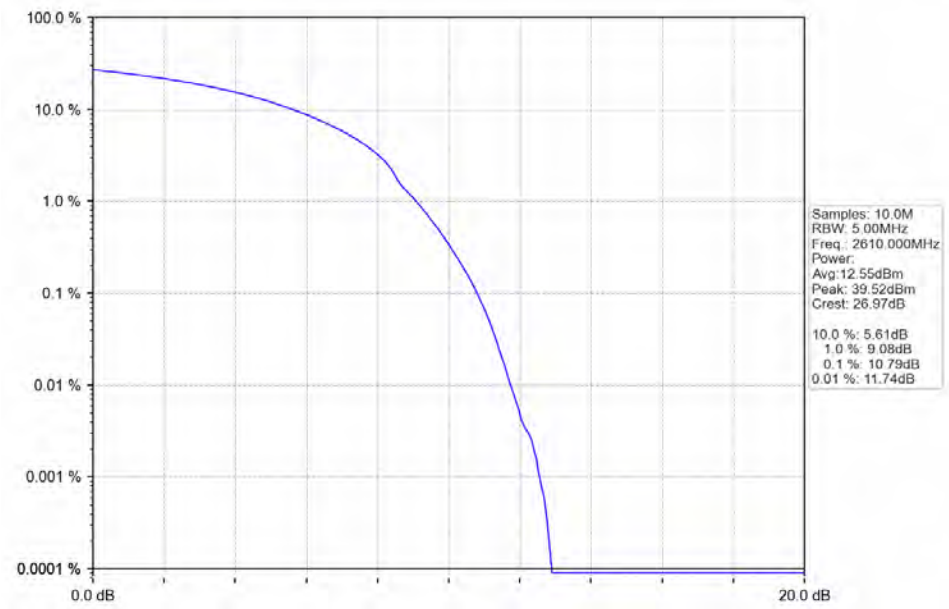
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



SPURIOUS EMISSION

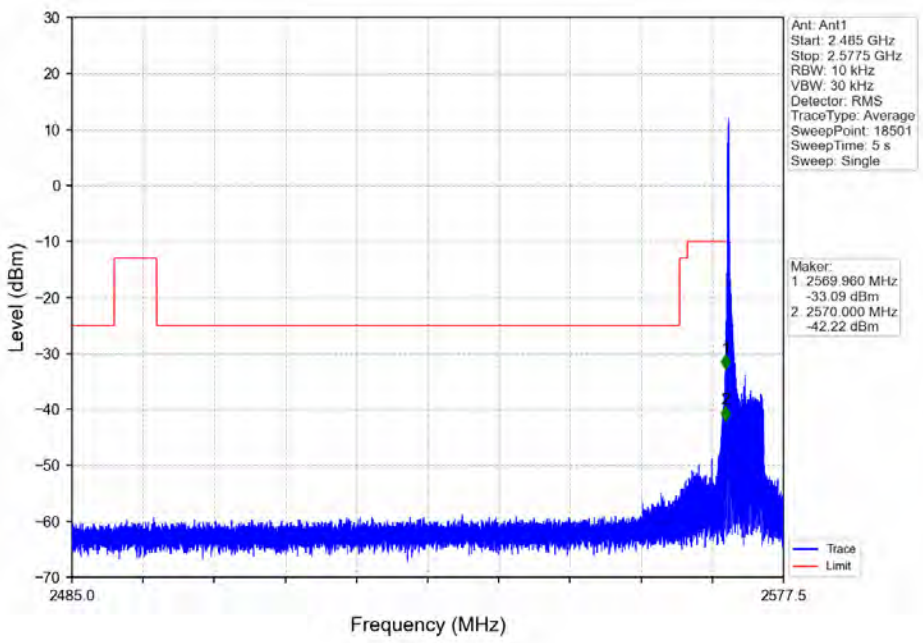
B38_5MHZ

TEST RESULT

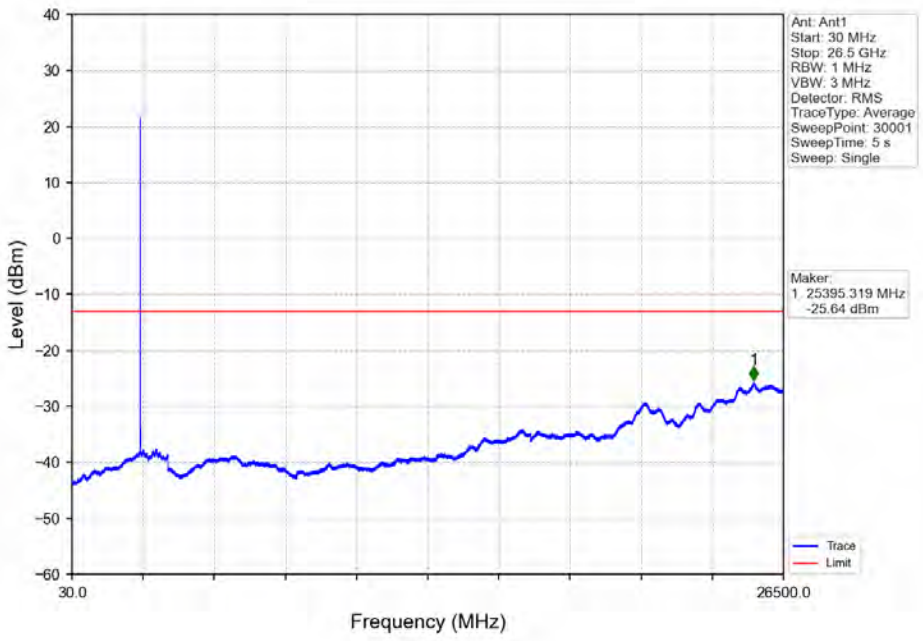
Band: 38 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2572.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2617.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2572.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2617.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	2572.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2617.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

TEST GRAPH

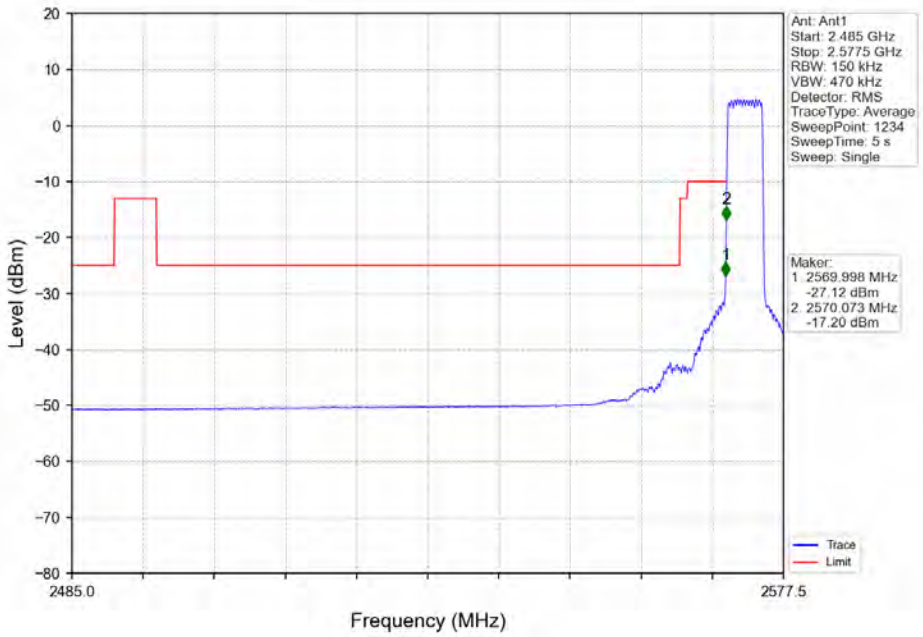
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



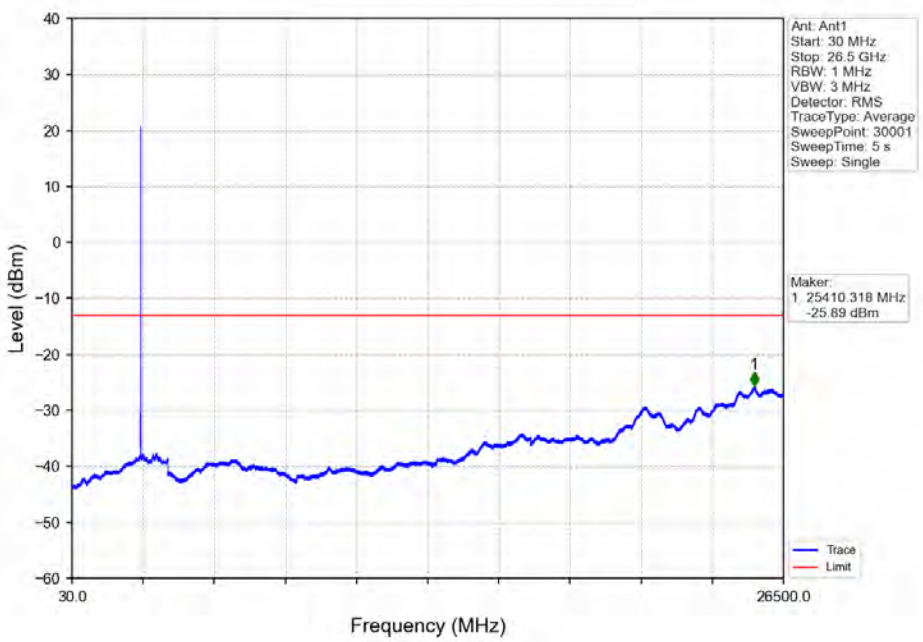
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



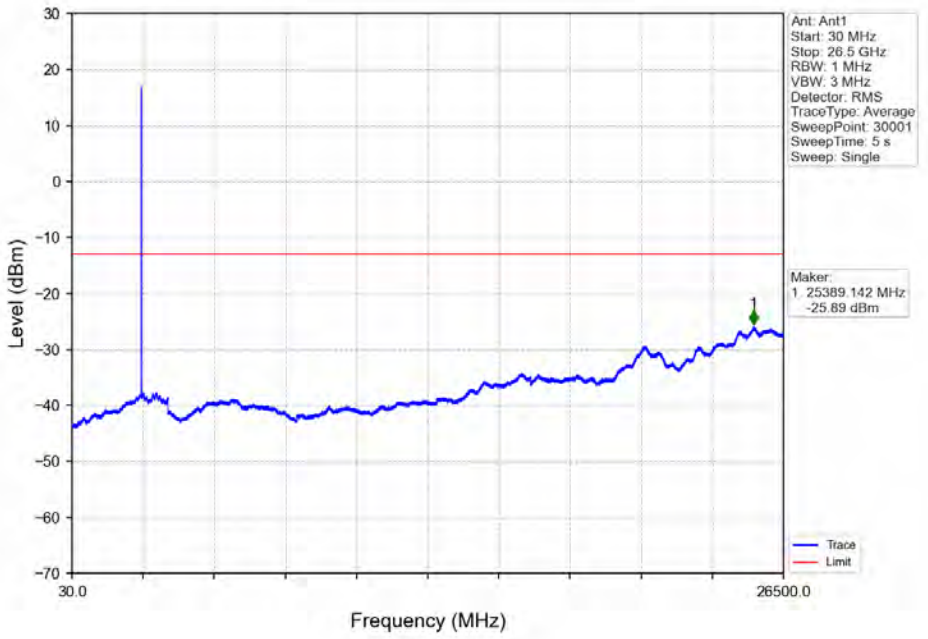
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



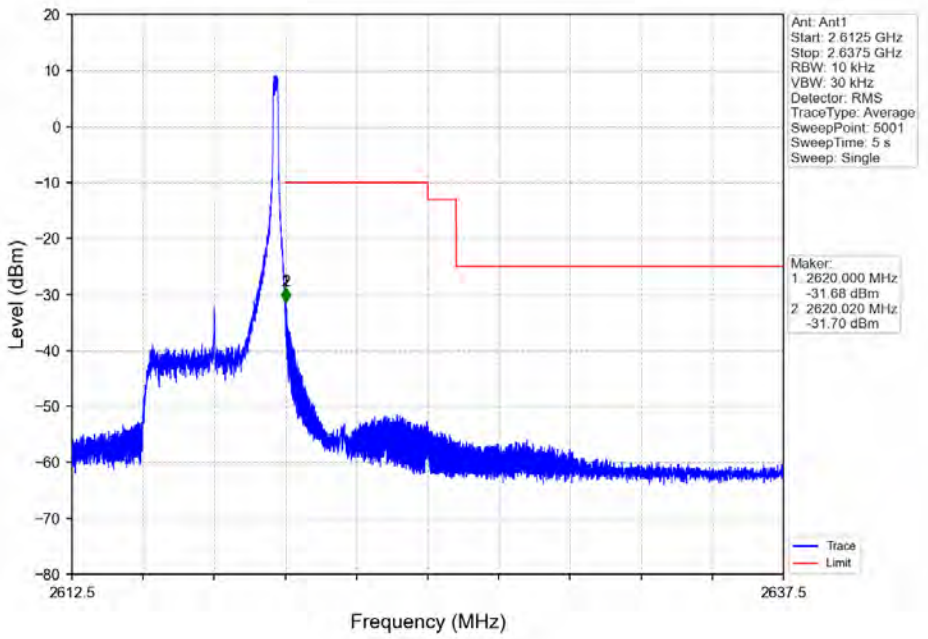
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



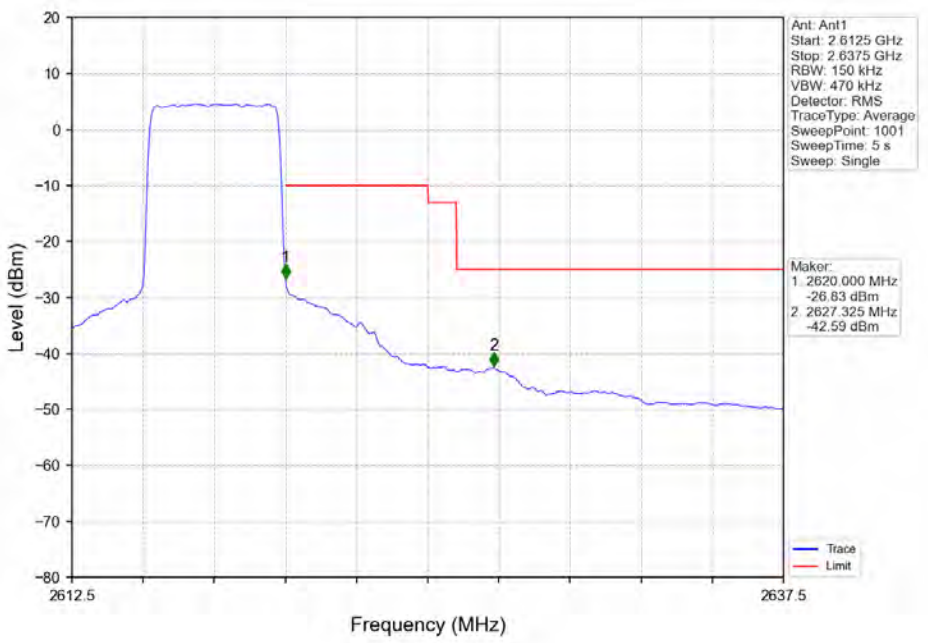
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



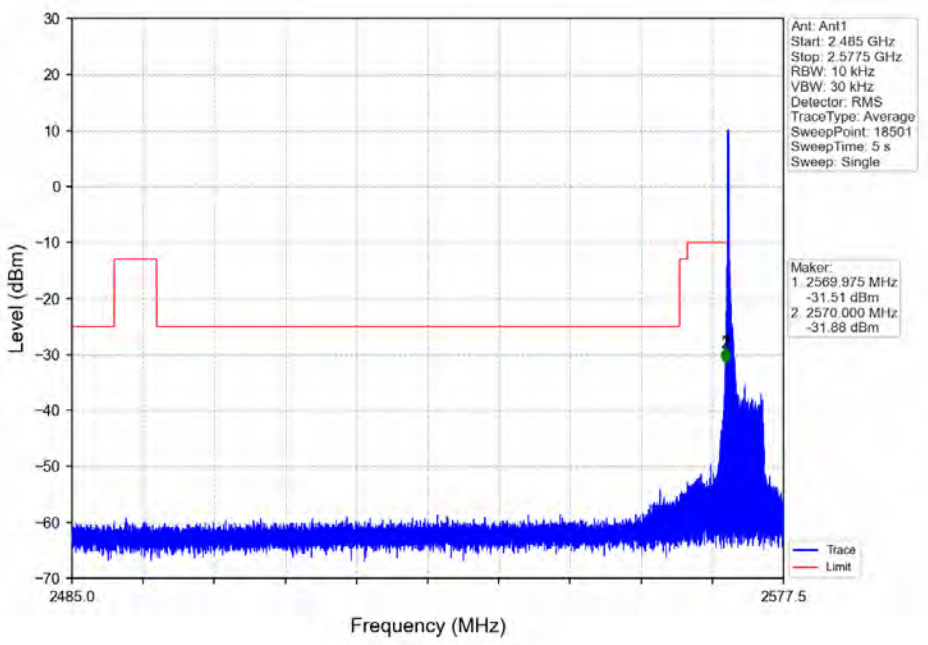
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTNV



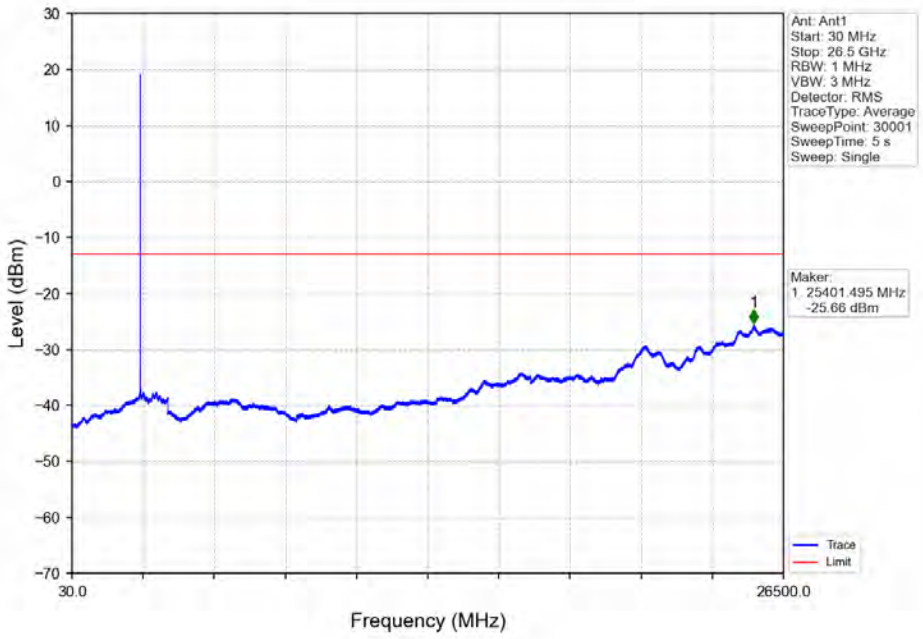
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



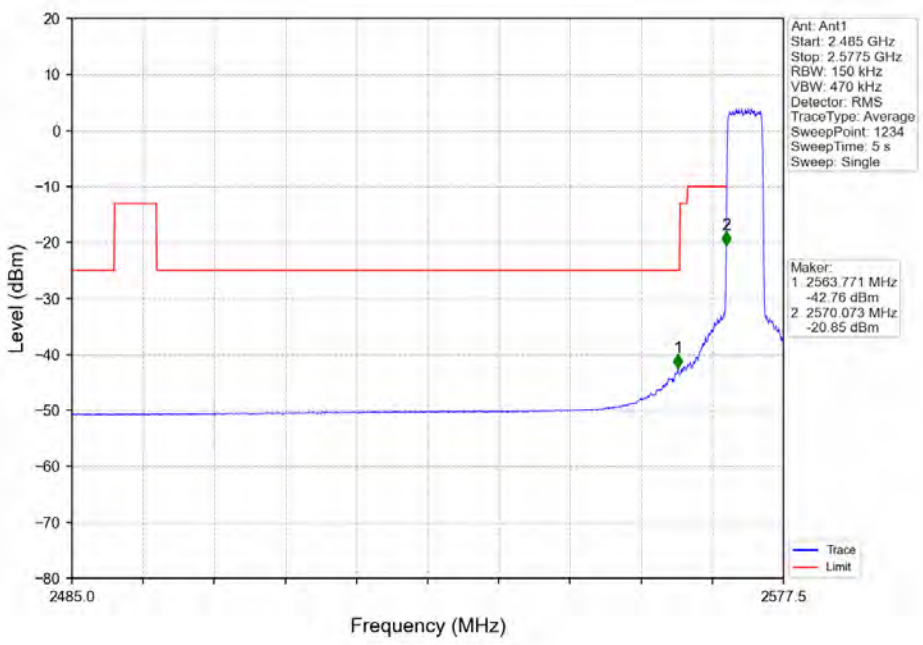
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



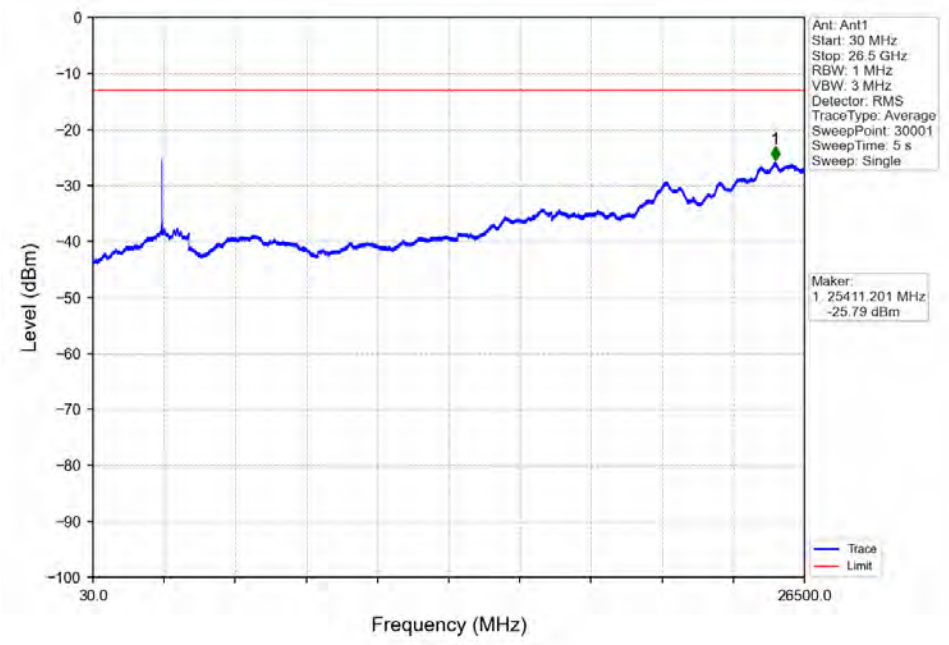
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



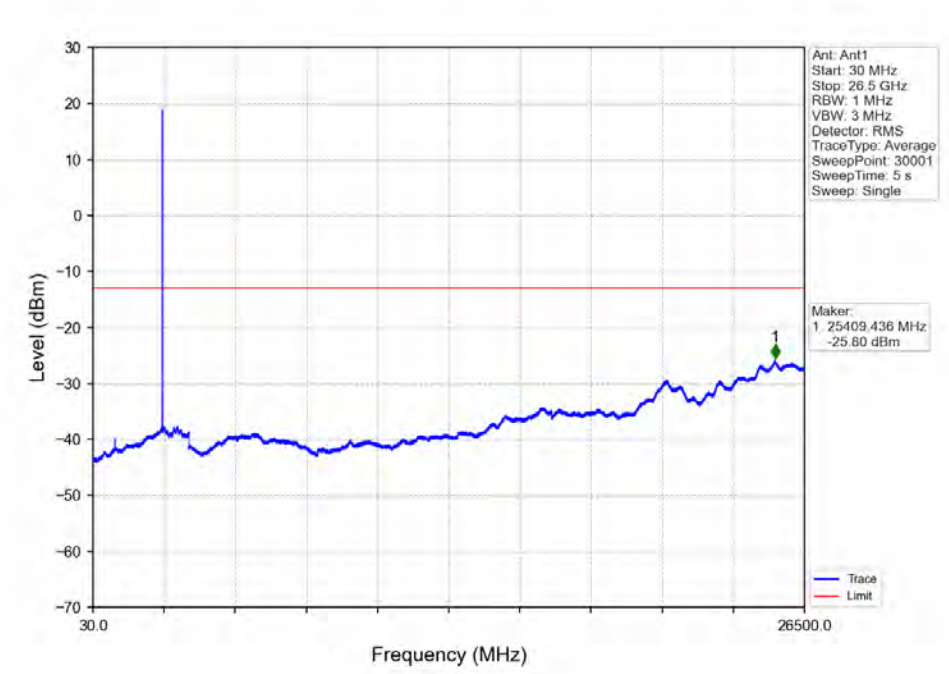
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



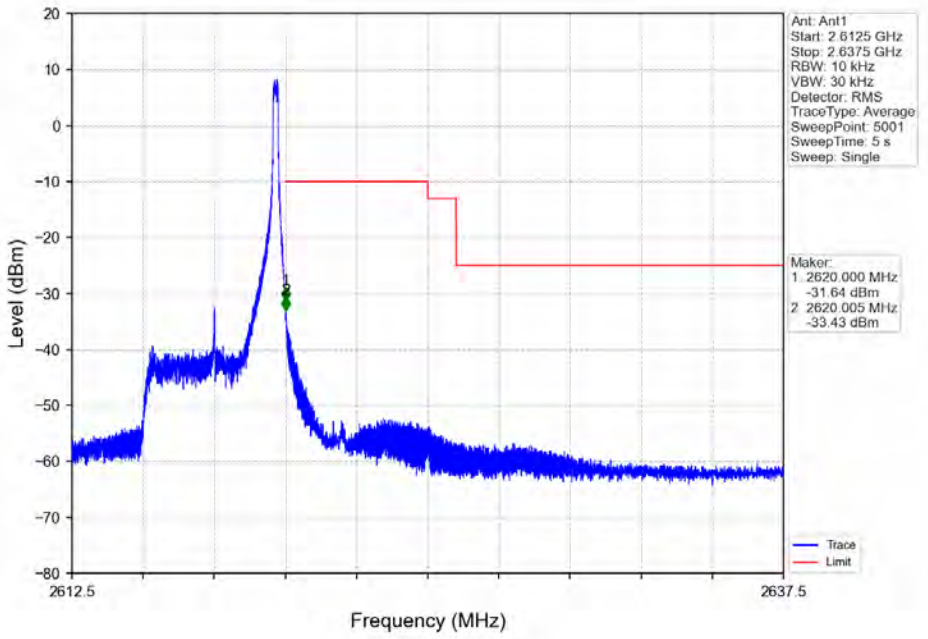
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



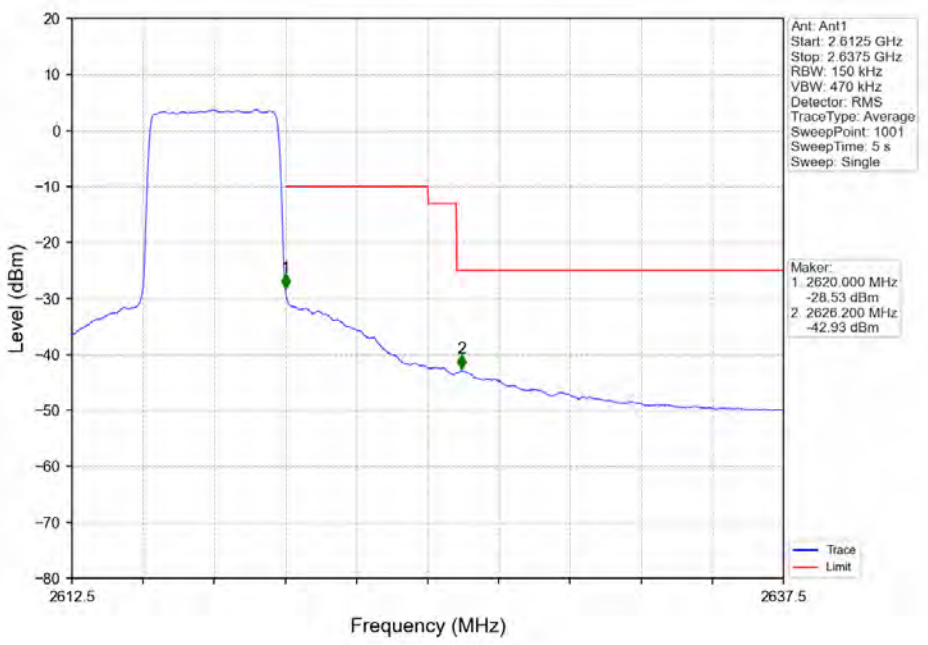
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV



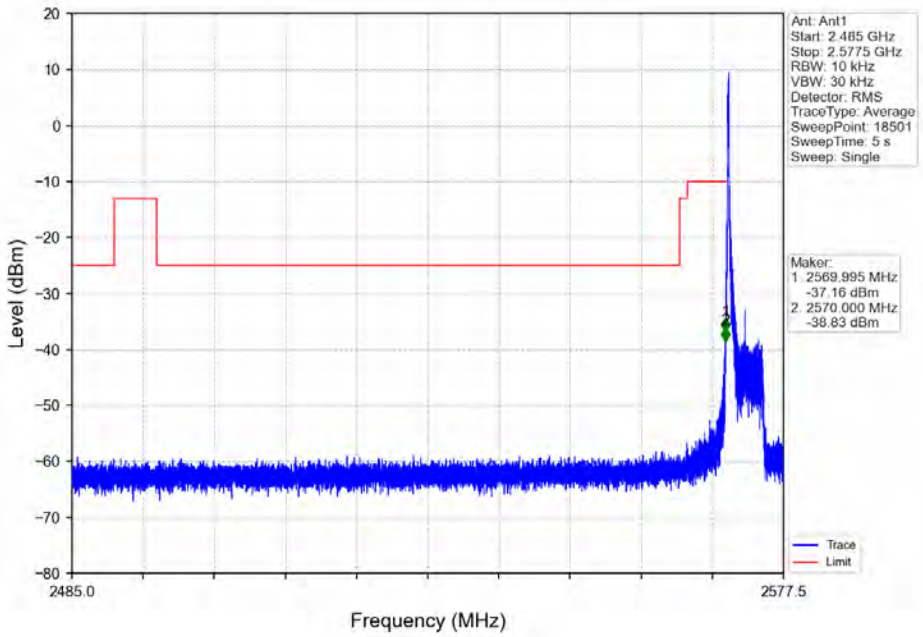
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_24_NTNV



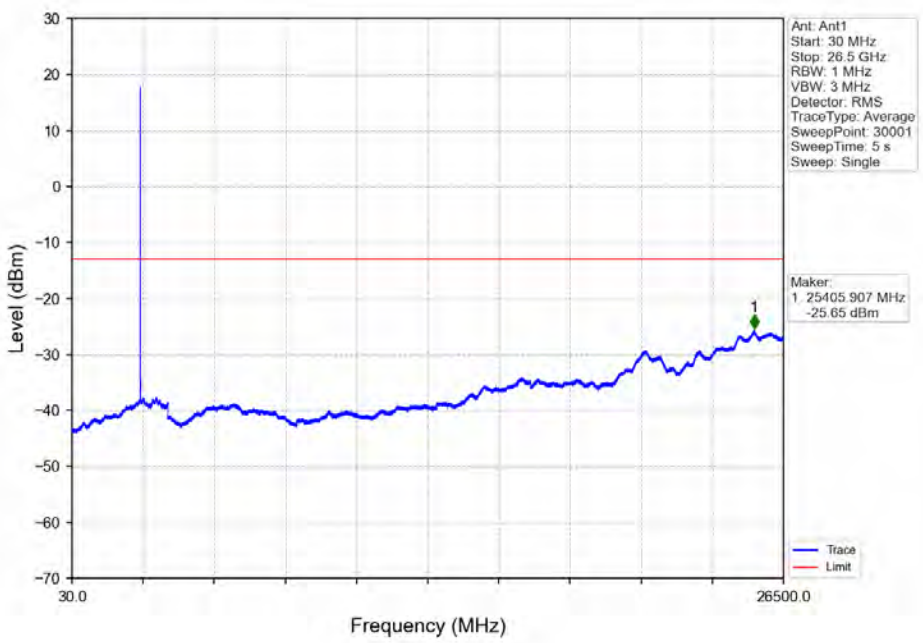
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



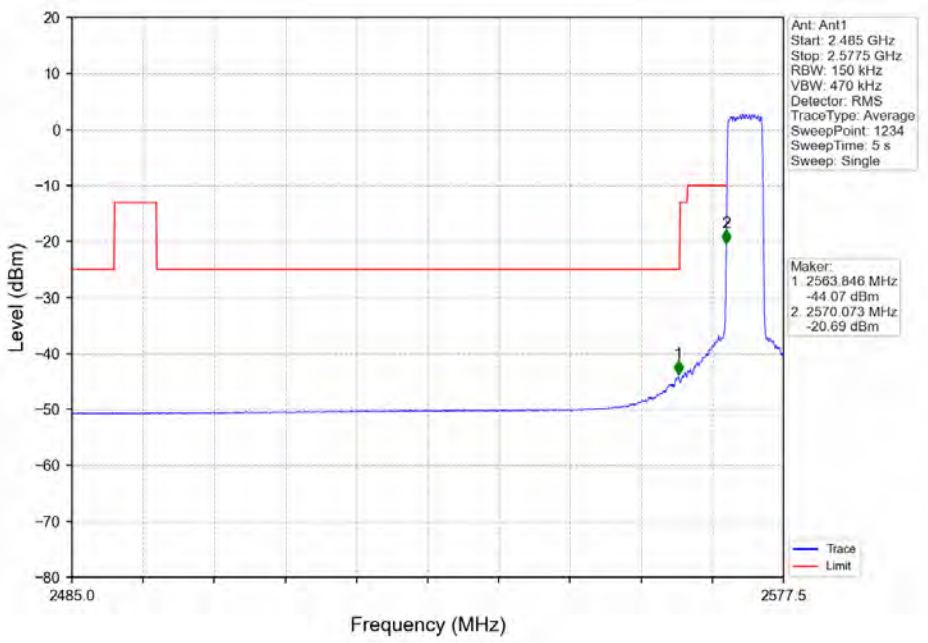
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_1_0_NTNV



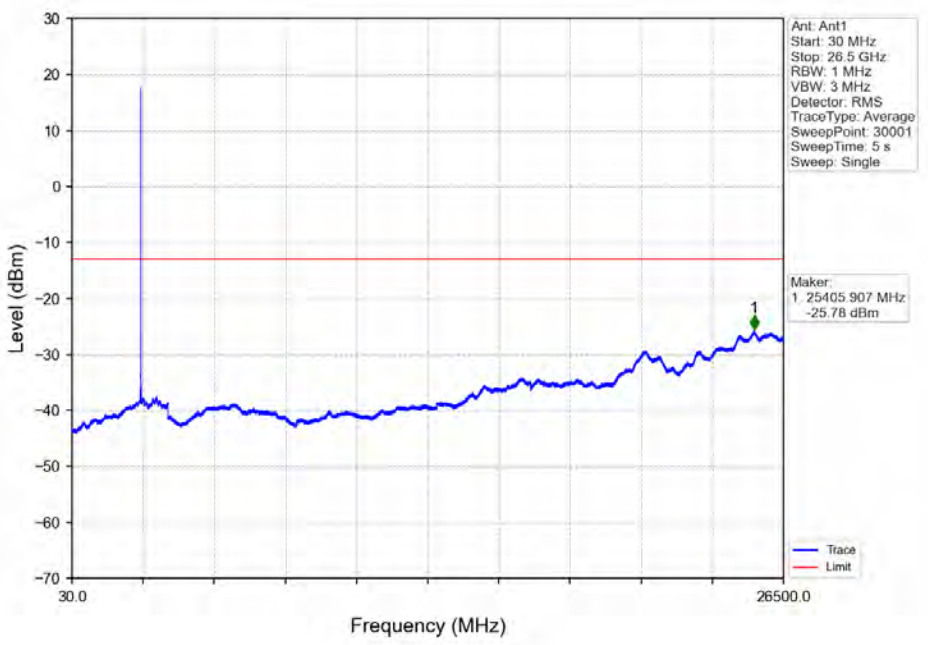
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_1_0_NTNV



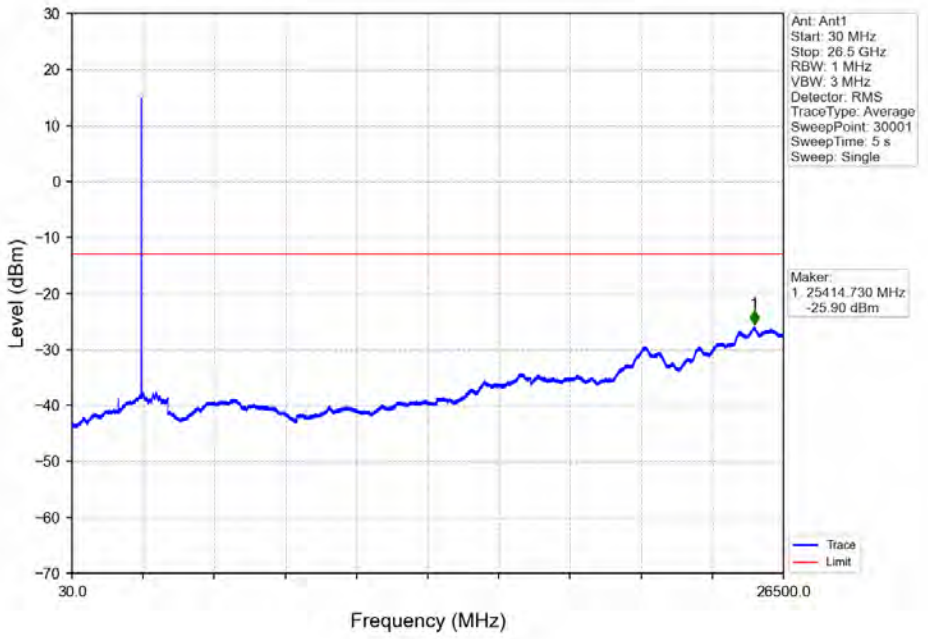
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV



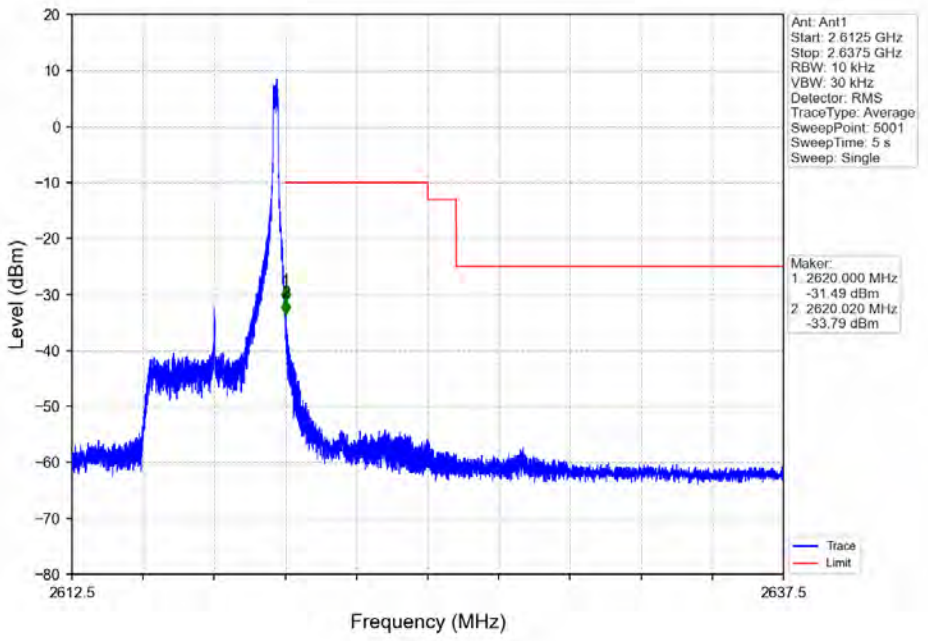
Band38_5MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



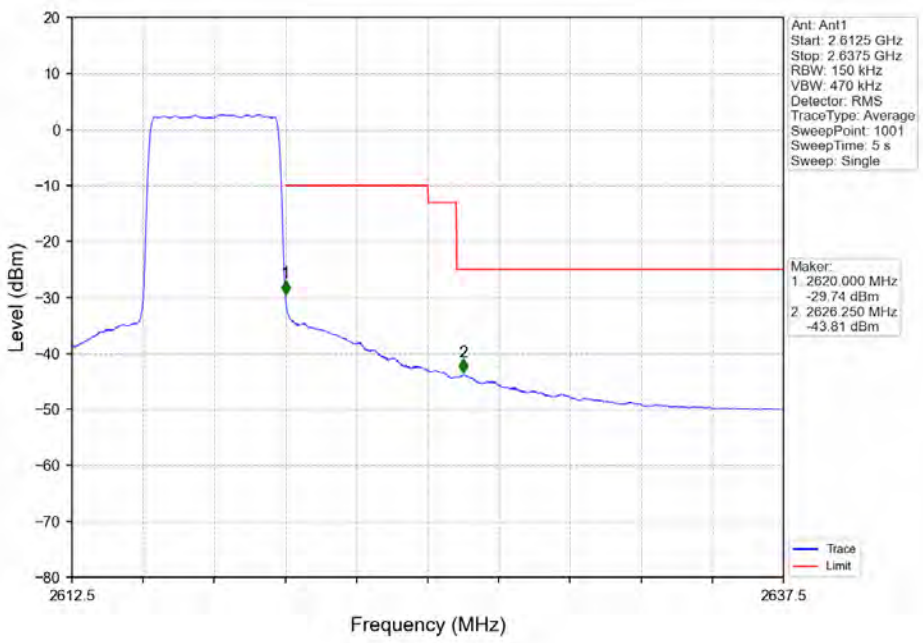
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_64QAM_HCH_2617.5MHz_RB_1_24_NTNV



Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



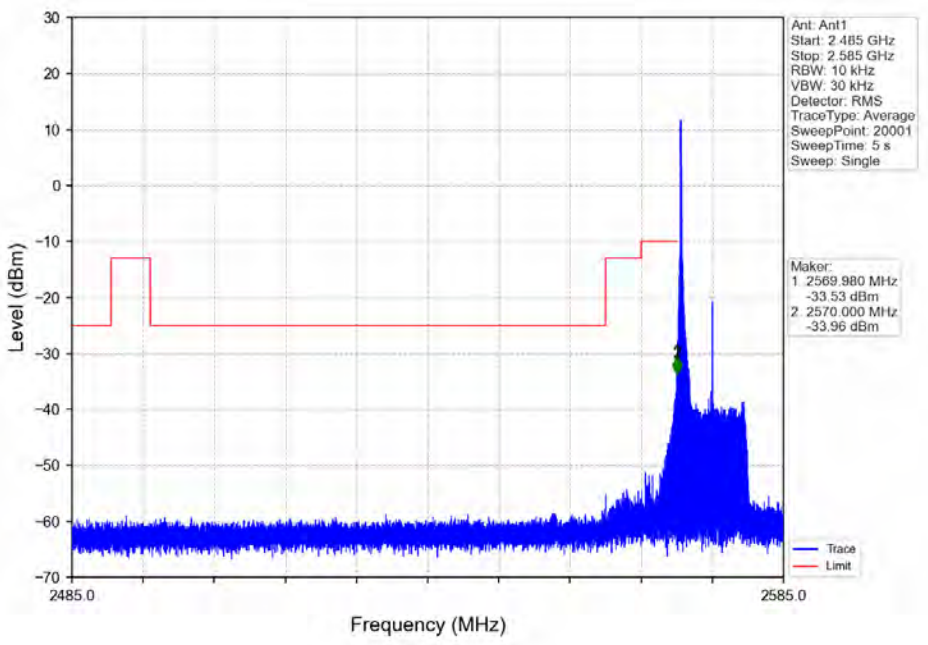
B38_10MHZ

TEST RESULT

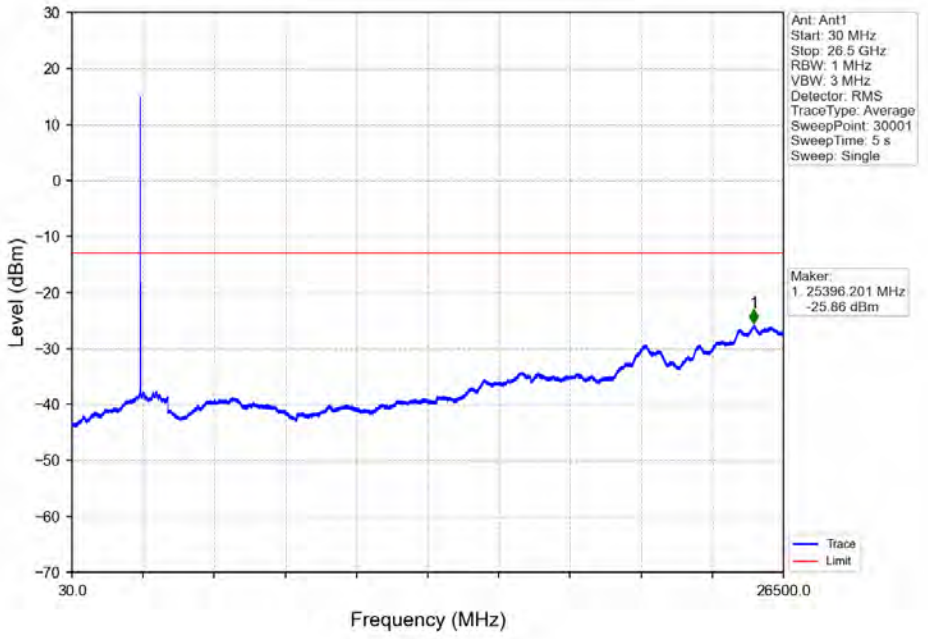
Band: 38 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2615	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2575	1	0	Refer To Test Graph		Pass
		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
64QAM	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

TEST GRAPH

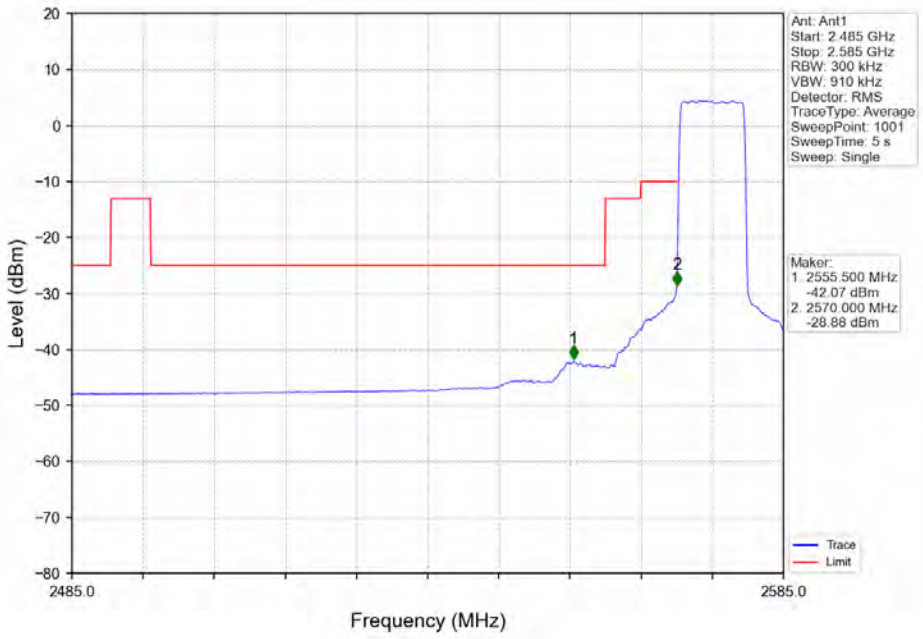
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



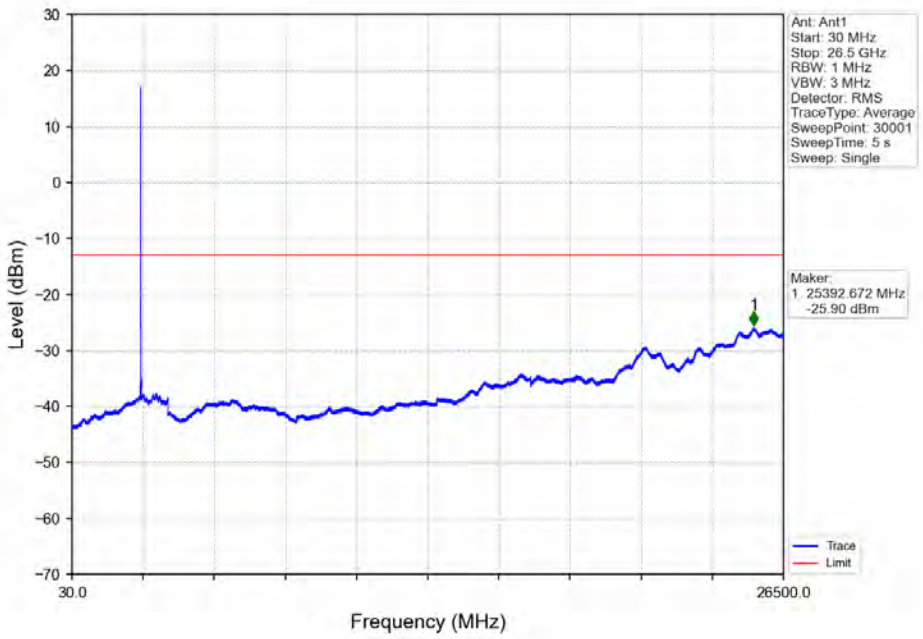
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



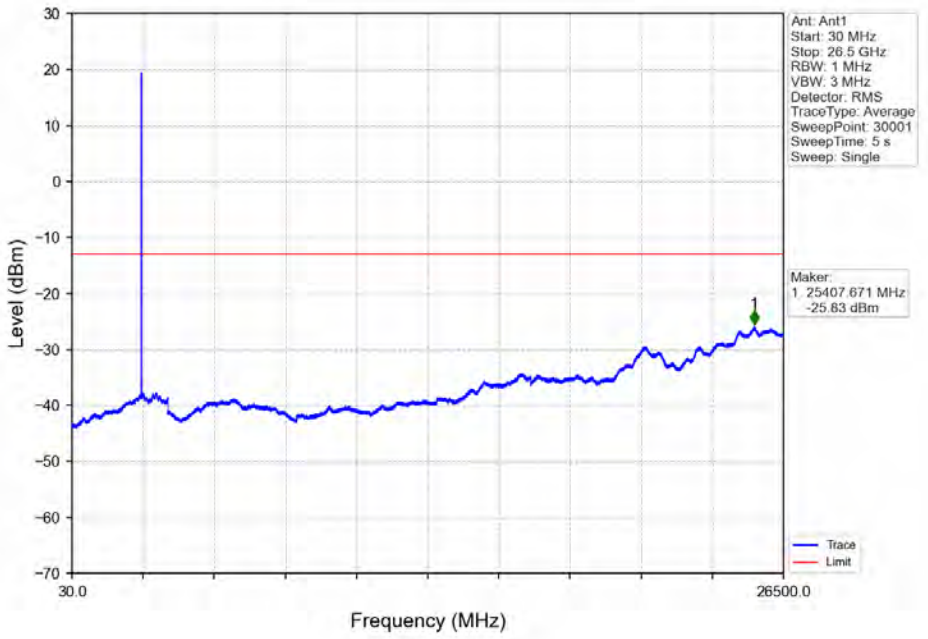
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



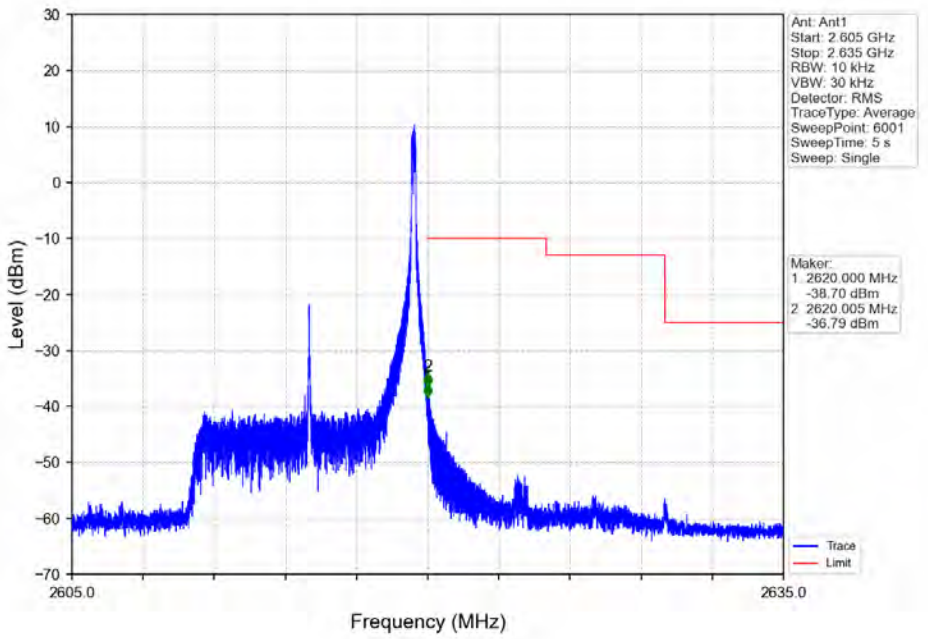
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



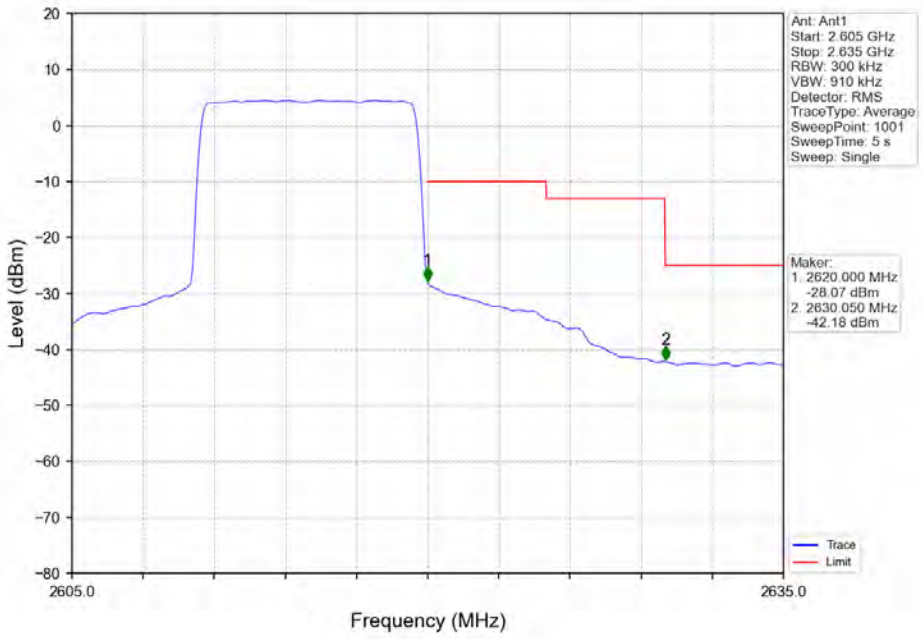
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



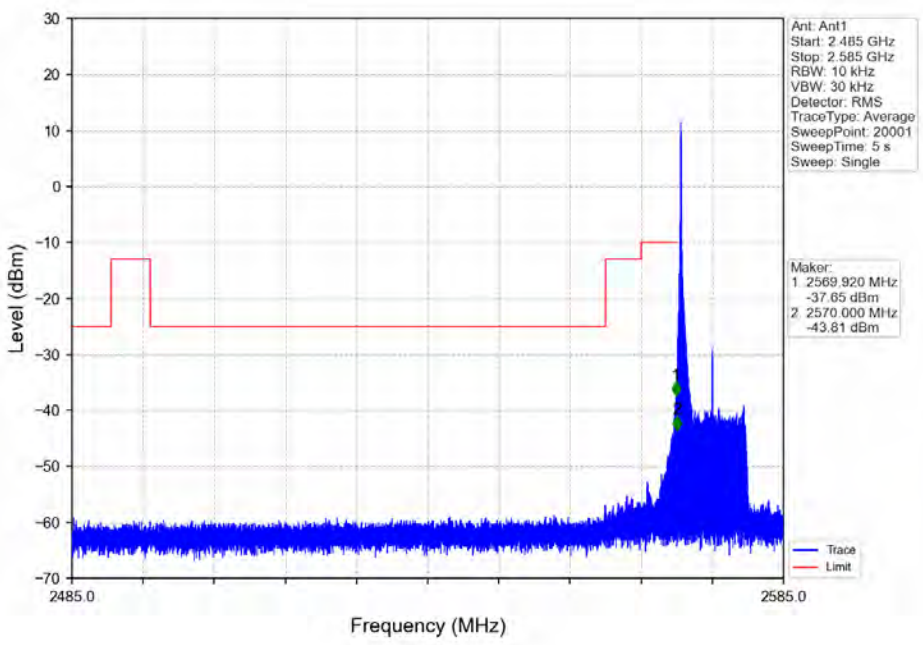
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_49_NTNV



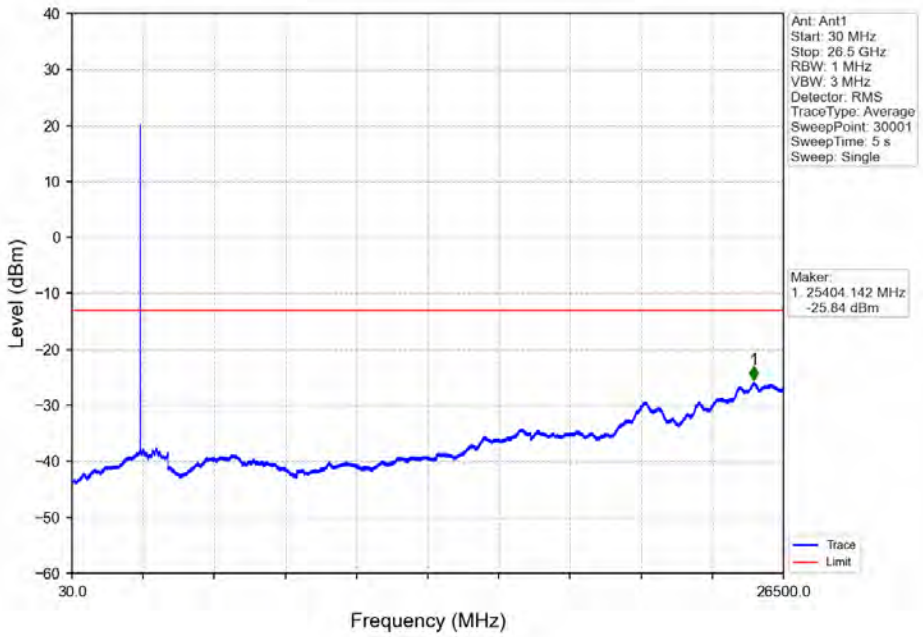
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



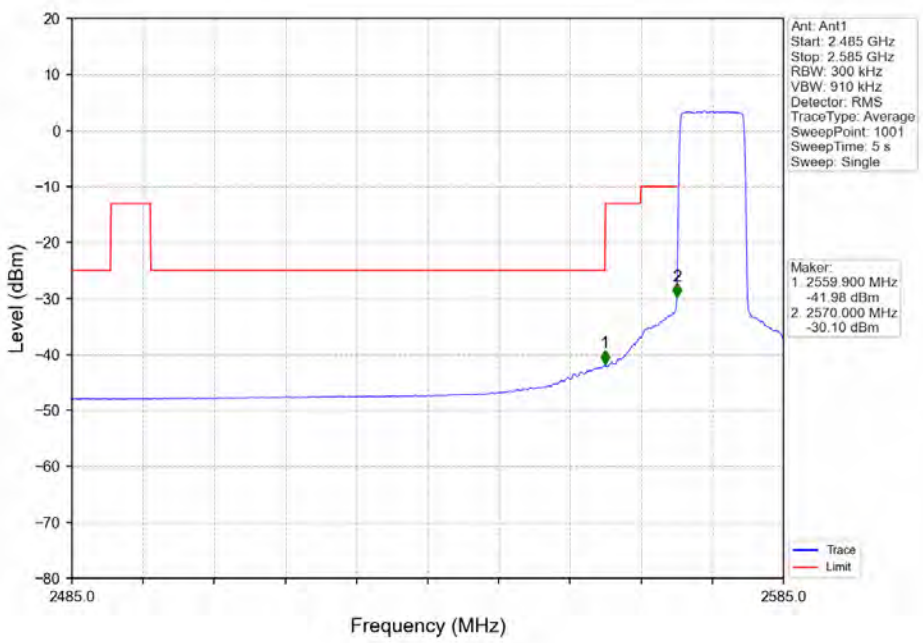
Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



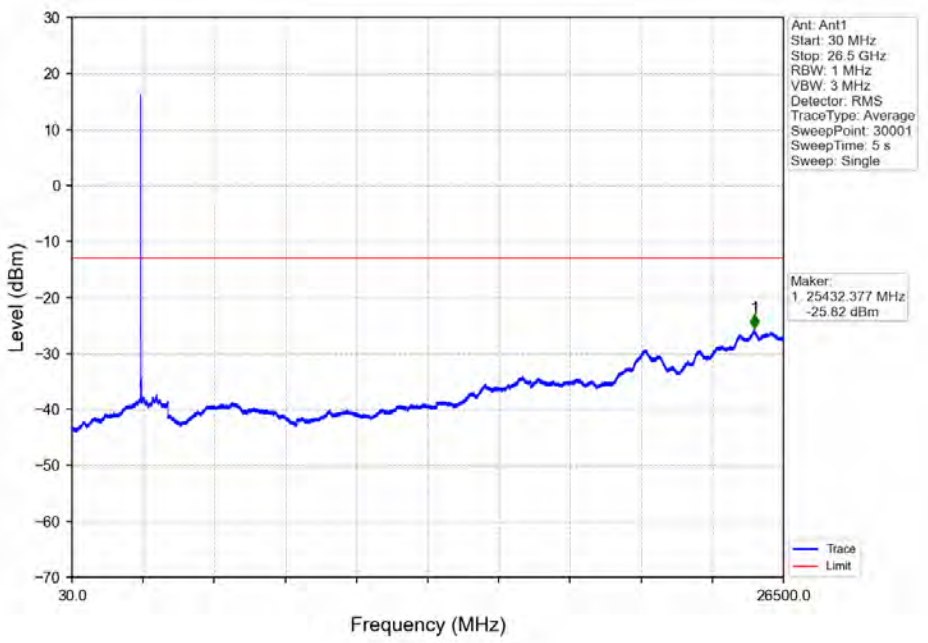
Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



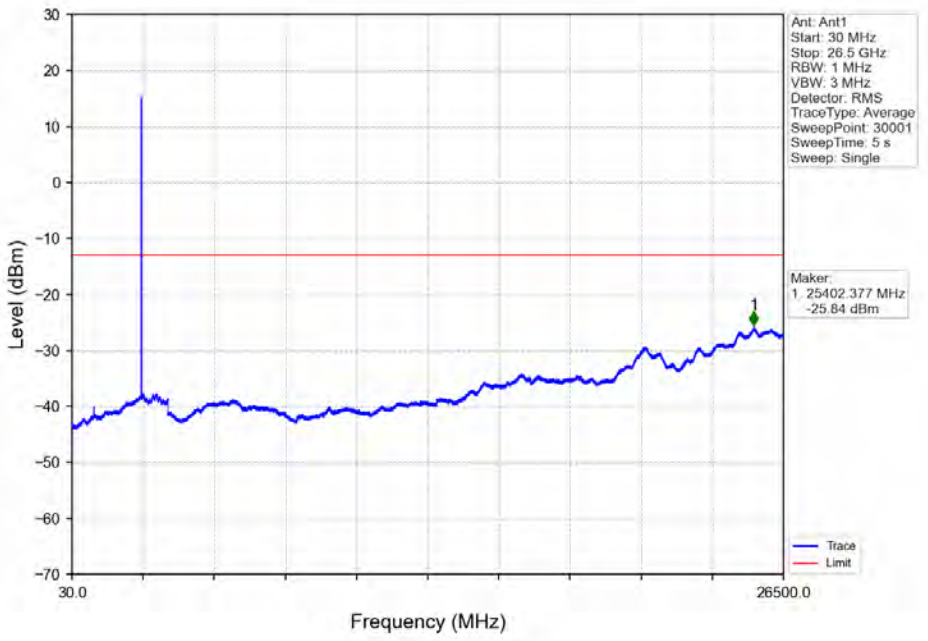
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



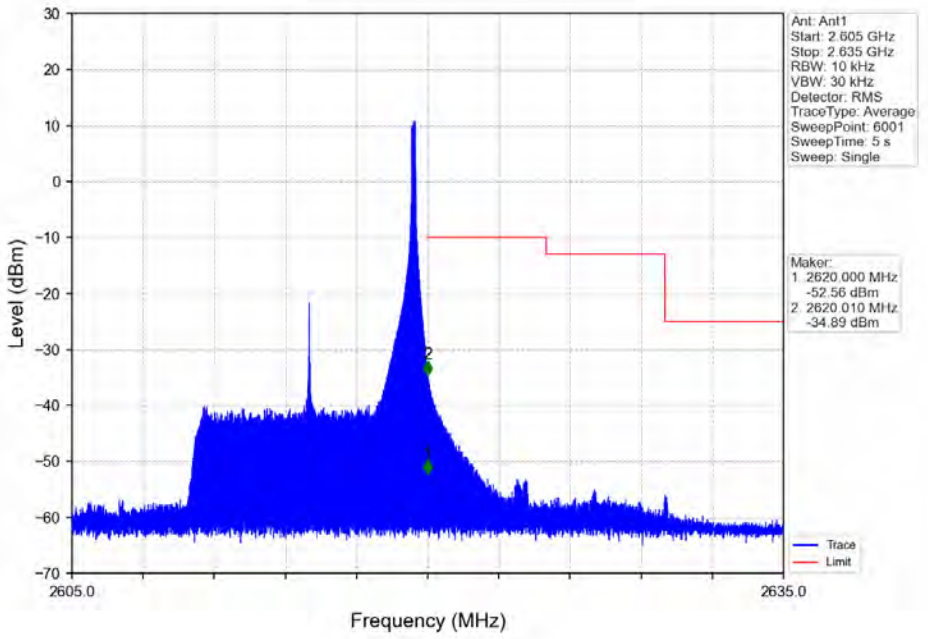
Band38_10MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



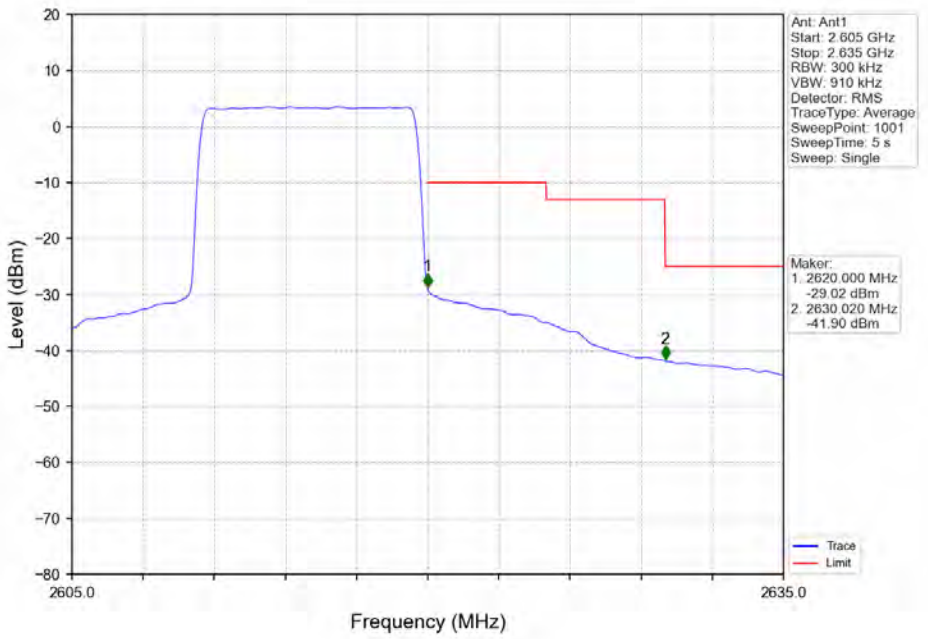
Band38_10MHz_16QAM_HCH_2615MHz_RB_1_0_NTNV



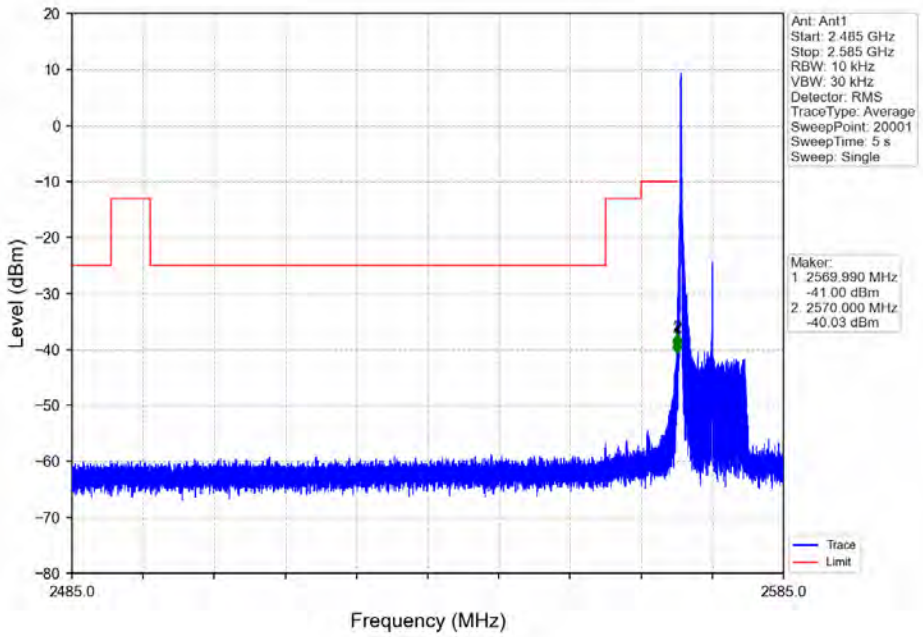
Band38_10MHz_16QAM_HCH_2615MHz_RB_1_49_NTNV



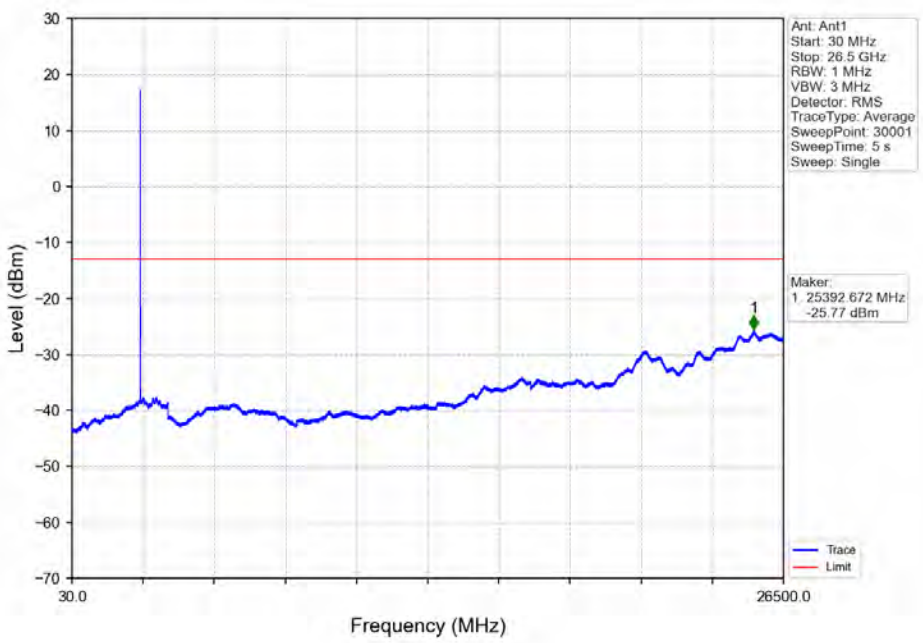
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



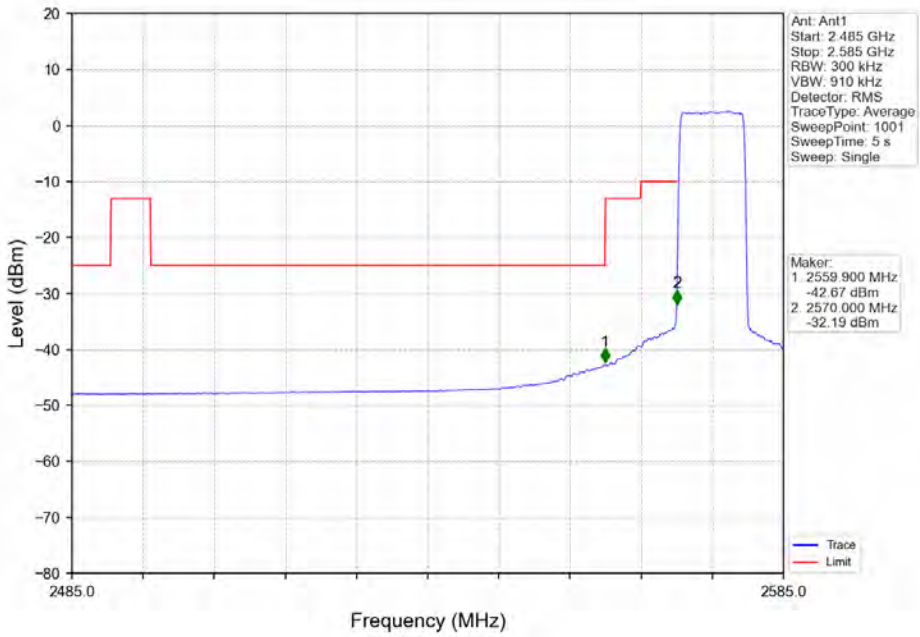
Band38_10MHz_64QAM_LCH_2575MHz_RB_1_0_NTNV



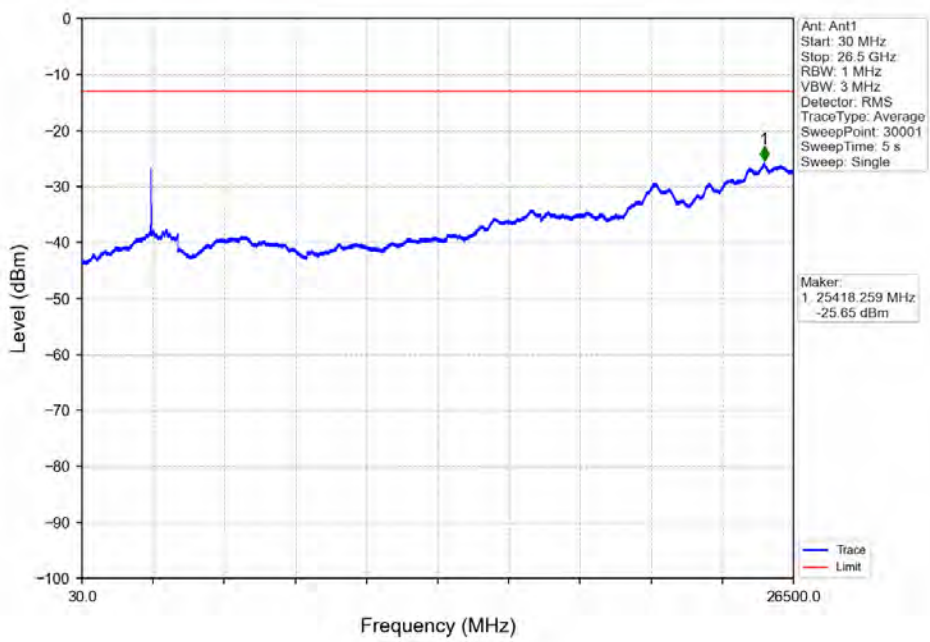
Band38_10MHz_64QAM_LCH_2575MHz_RB_1_0_NTNV



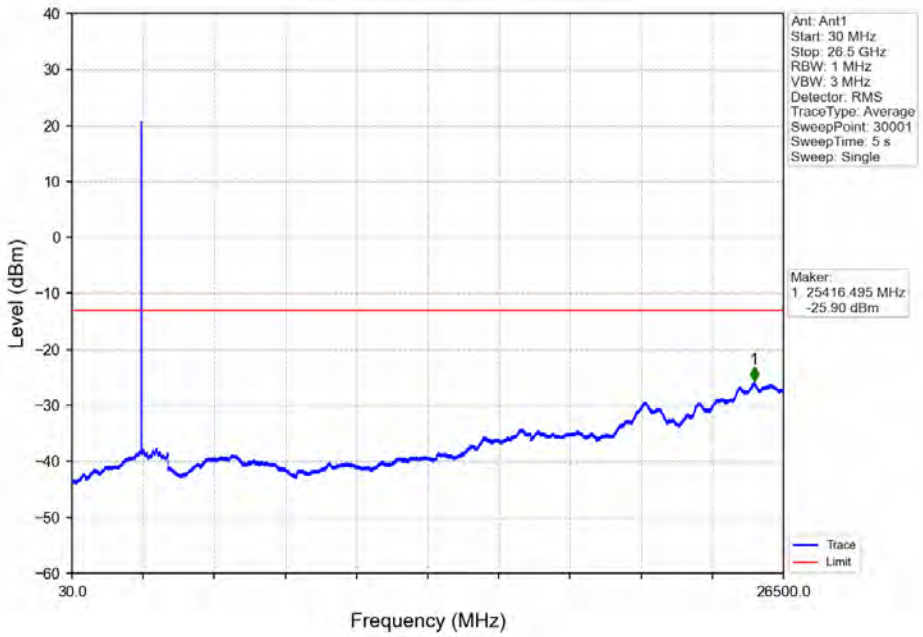
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



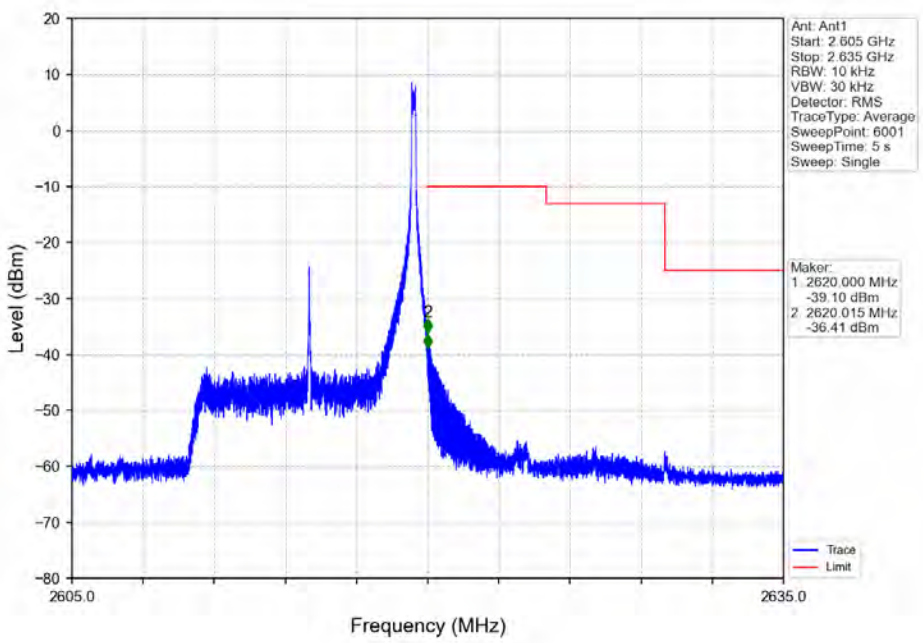
Band38_10MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



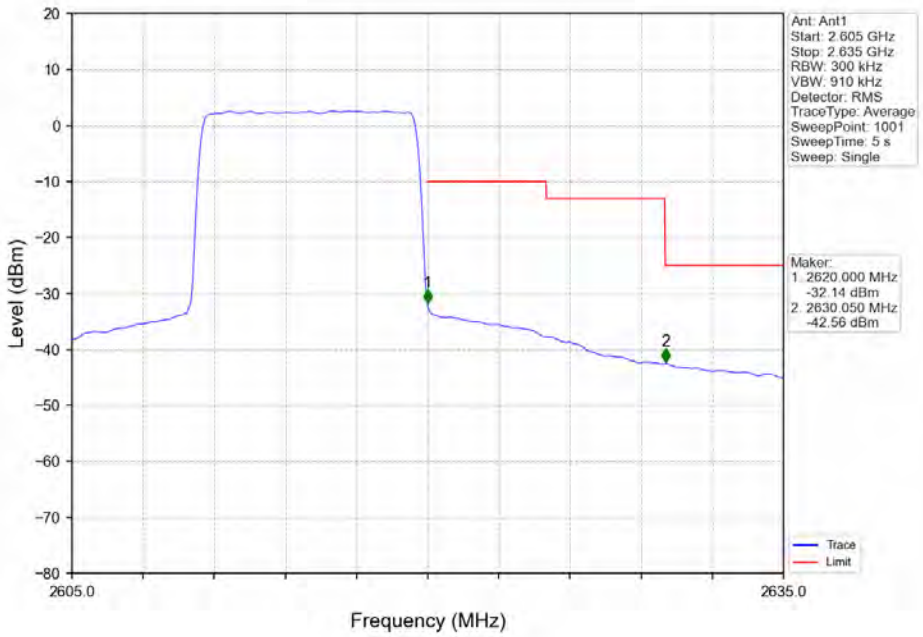
Band38_10MHz_64QAM_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_64QAM_HCH_2615MHz_RB_1_49_NTNV



Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



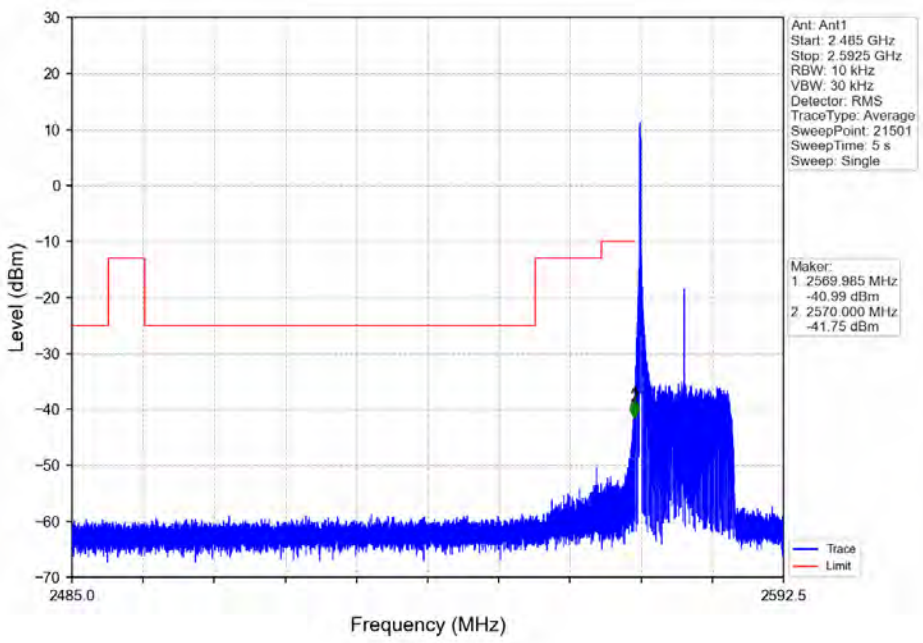
B38_15MHZ

TEST RESULT

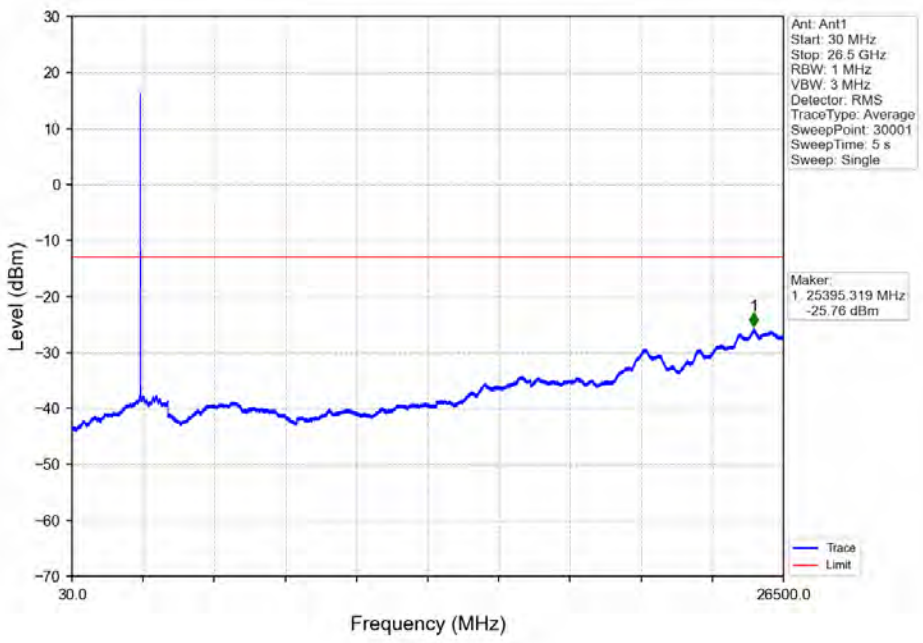
Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2577.5	1	0	Refer To Test Graph		Pass
		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
64QAM	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

TEST GRAPH

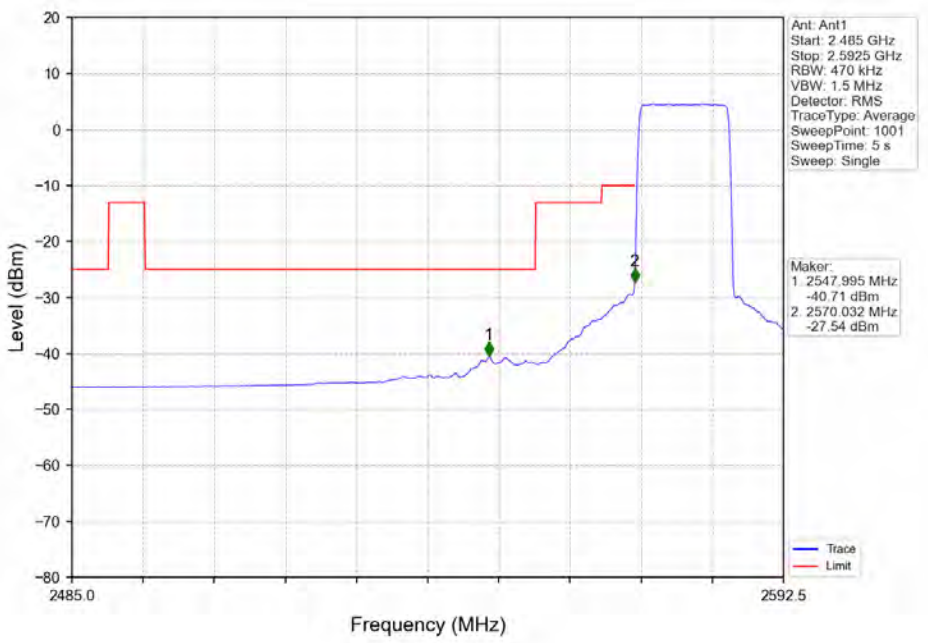
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



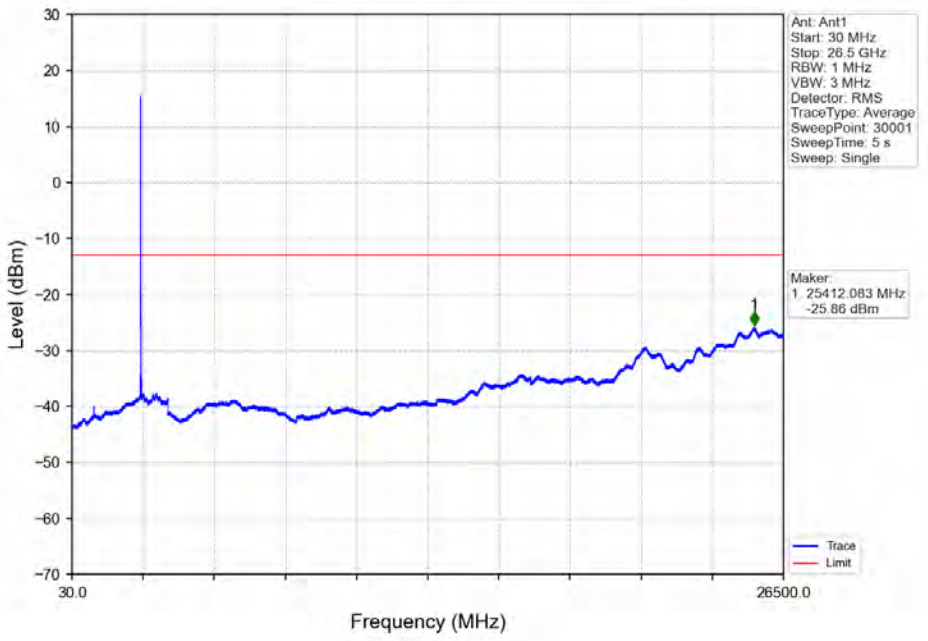
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



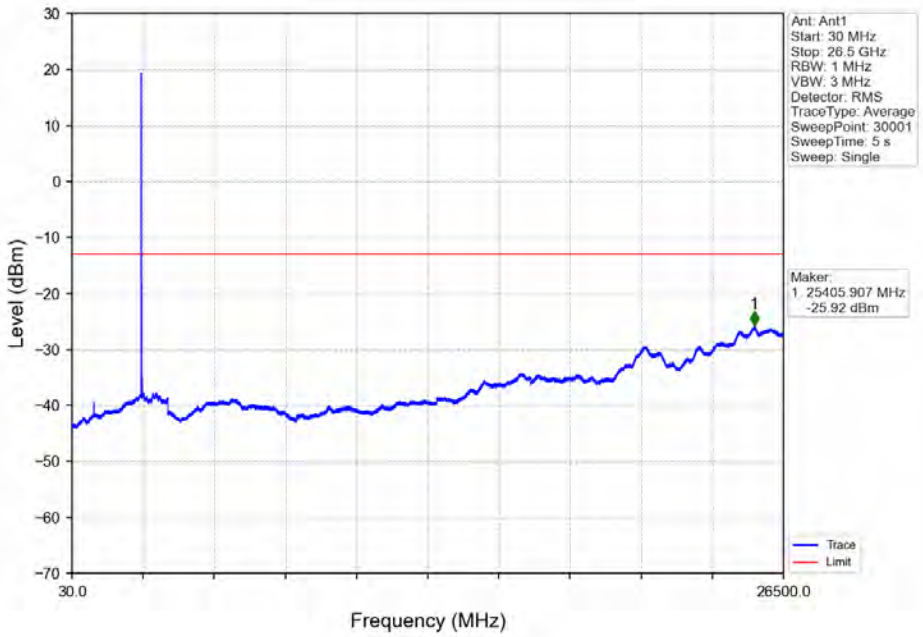
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



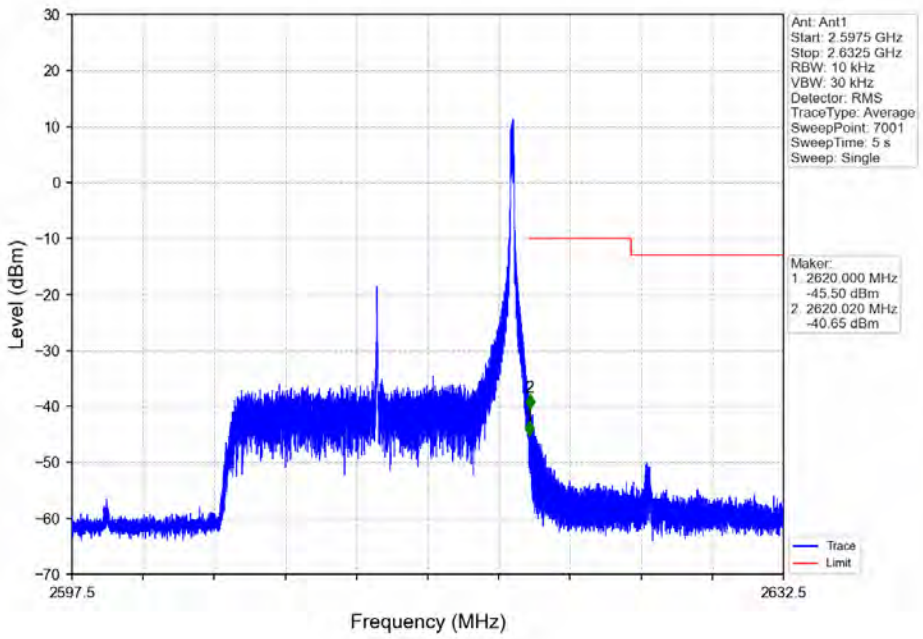
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



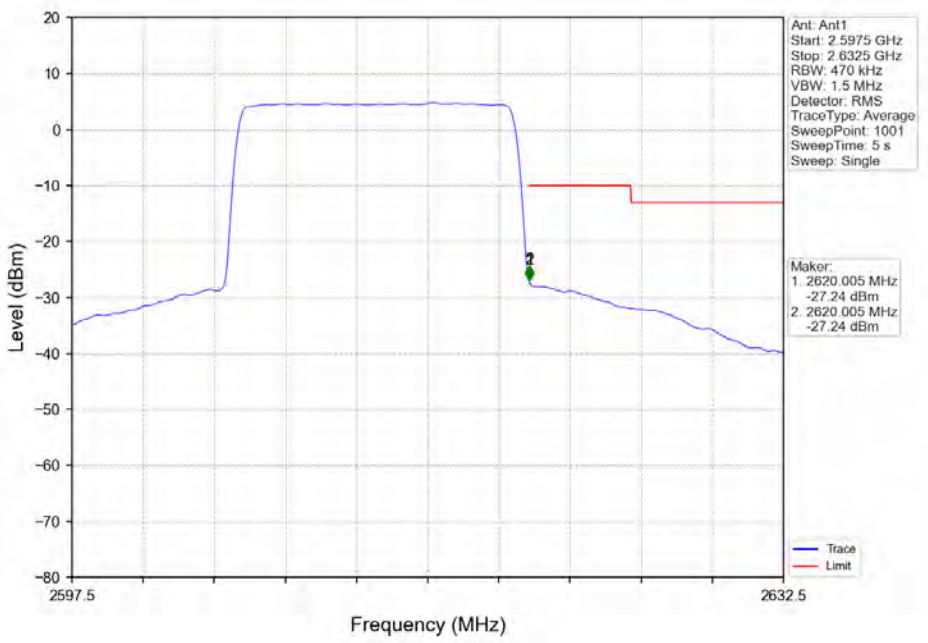
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



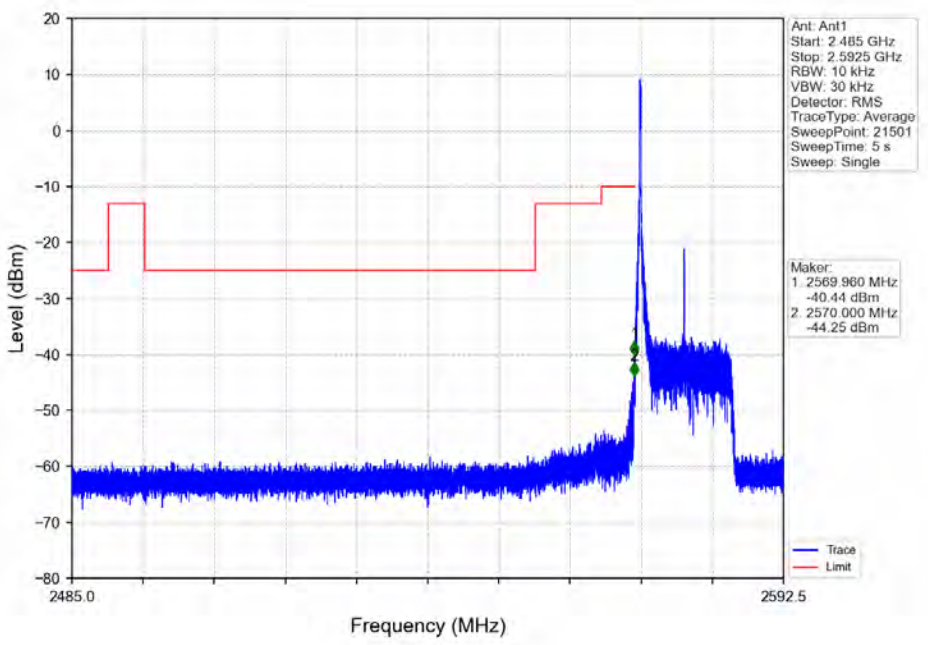
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_74_NTNV



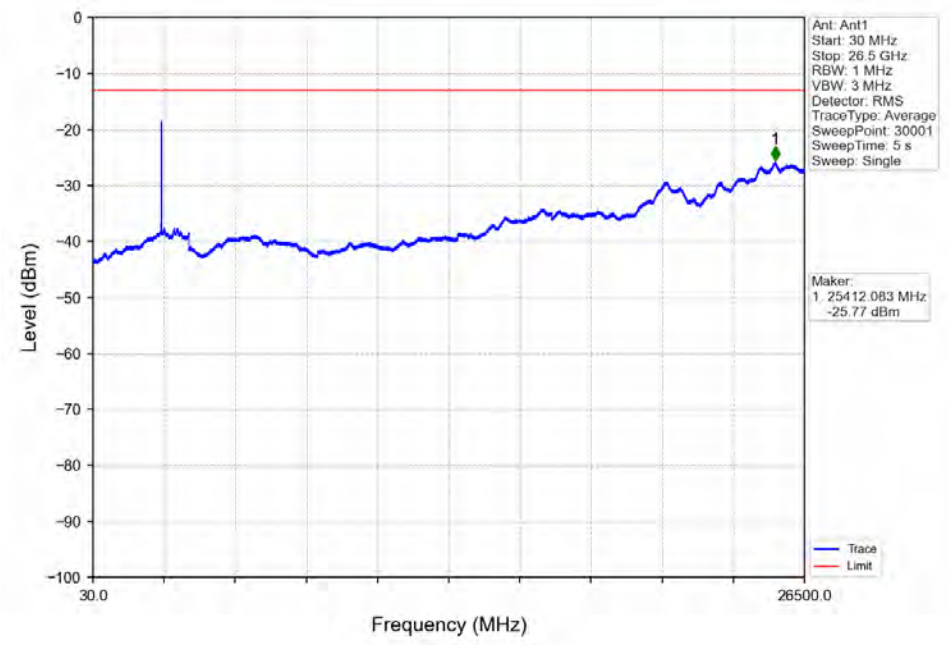
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



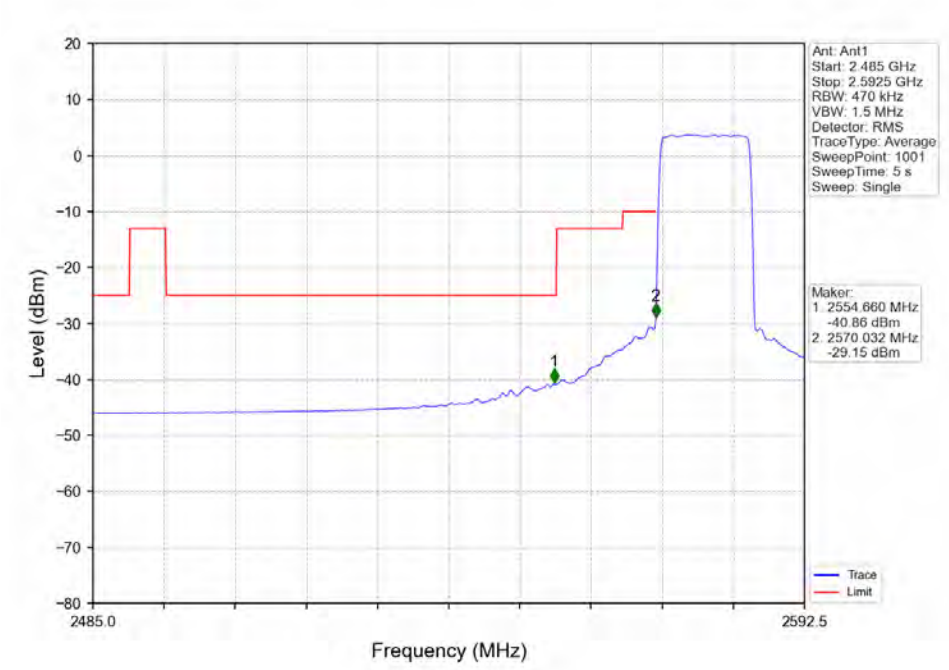
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV



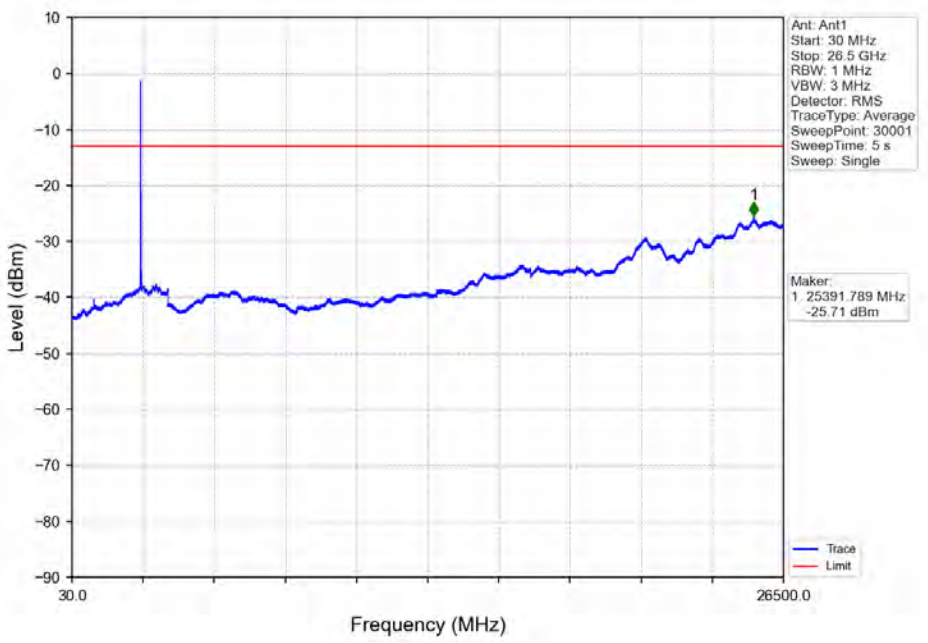
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV



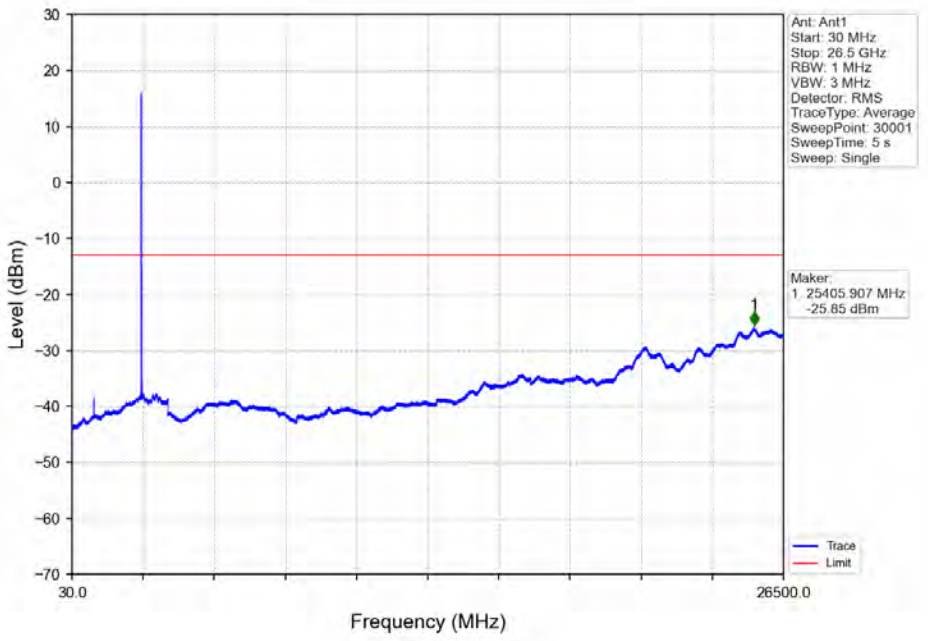
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



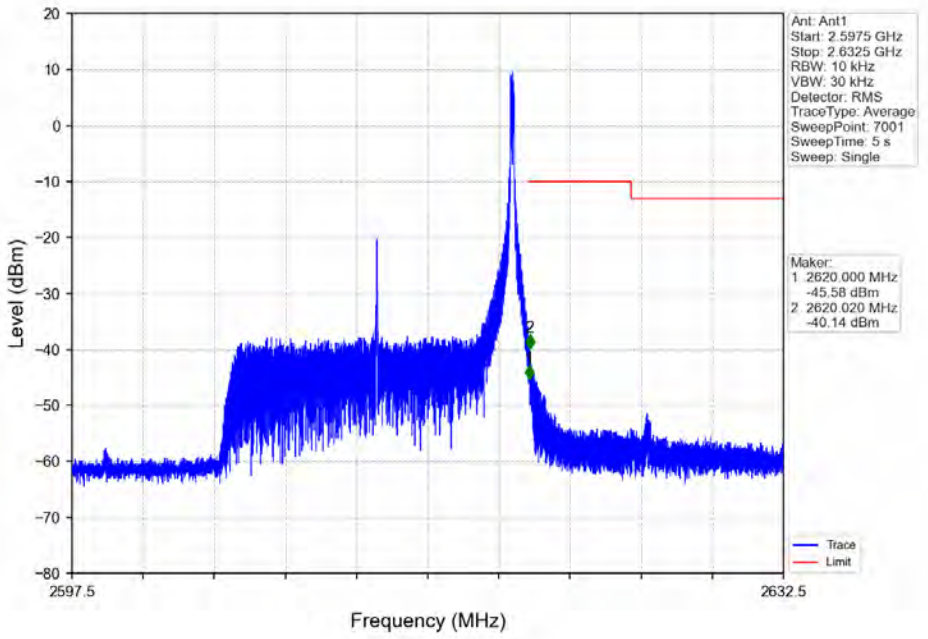
Band38_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



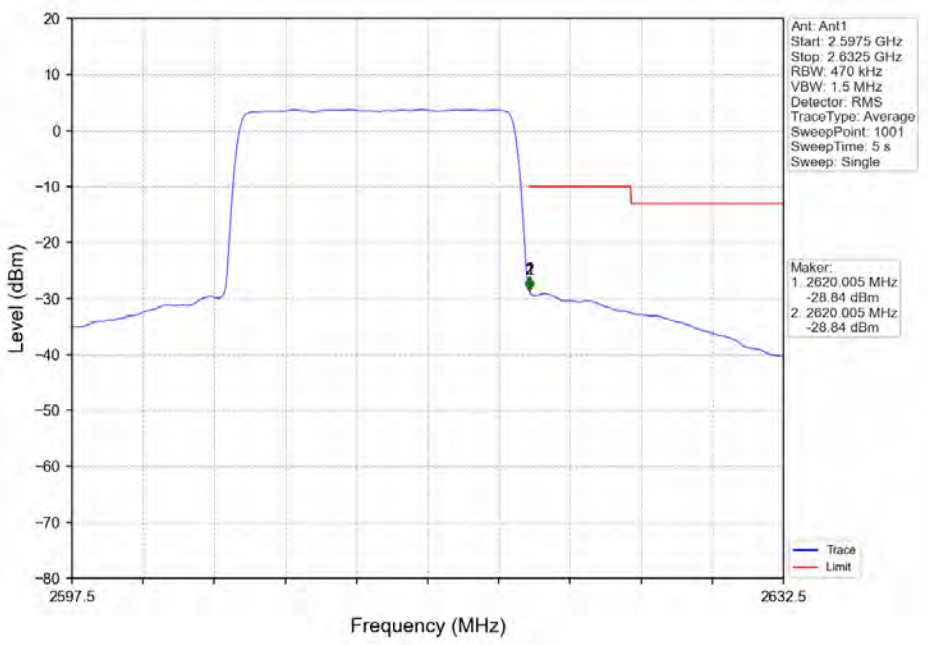
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_0_NTNV



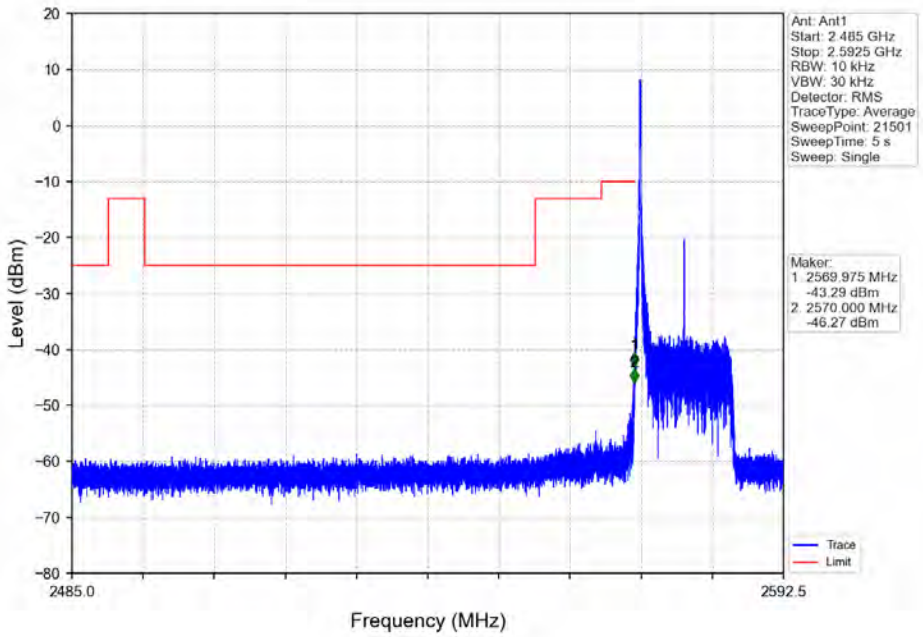
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_74_NTNV



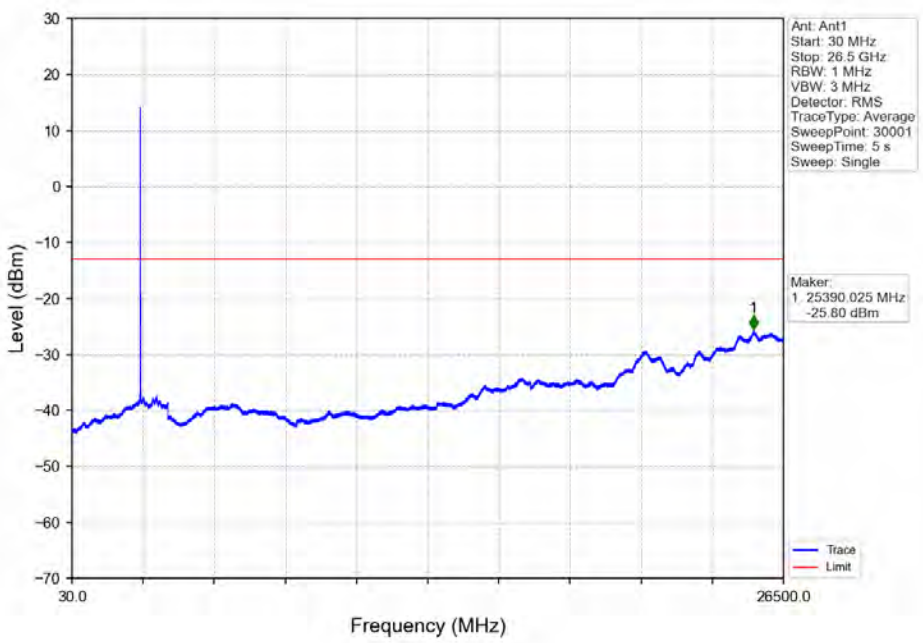
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



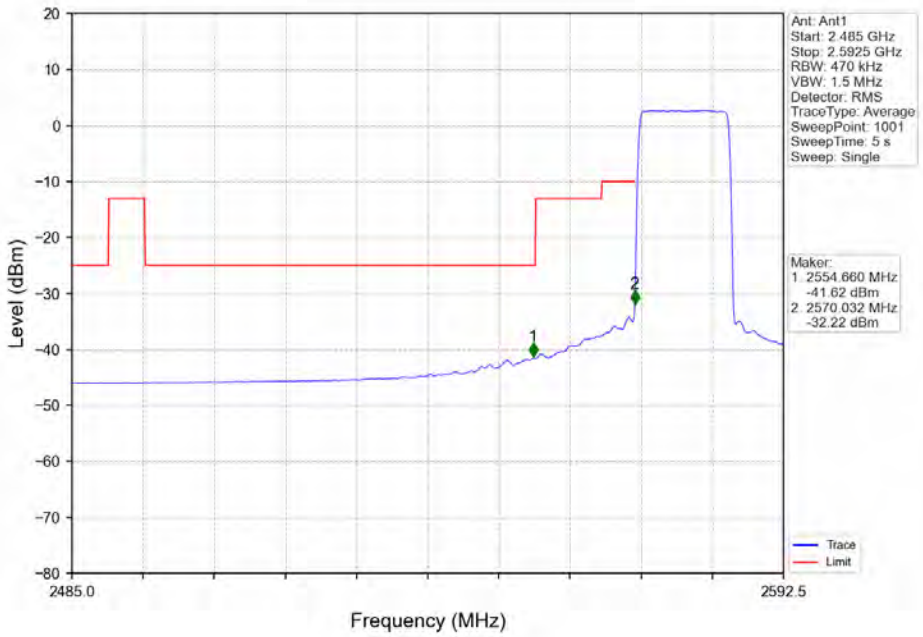
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_1_0_NTNV



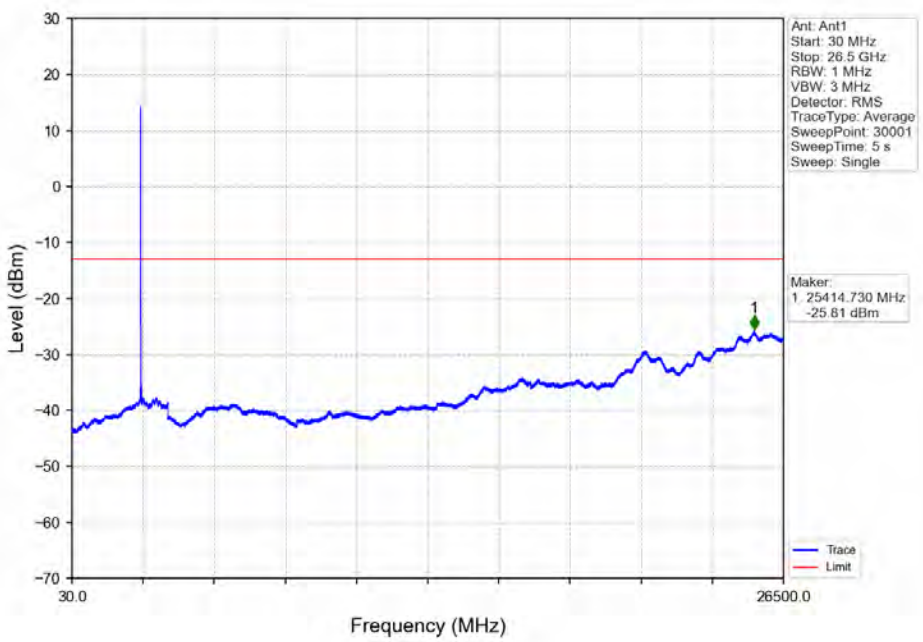
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_1_0_NTNV



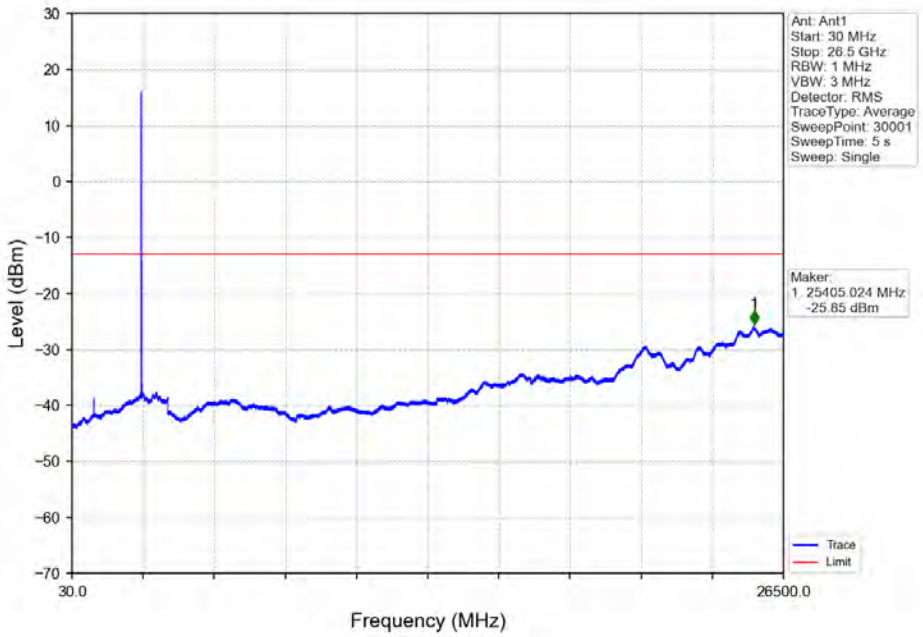
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



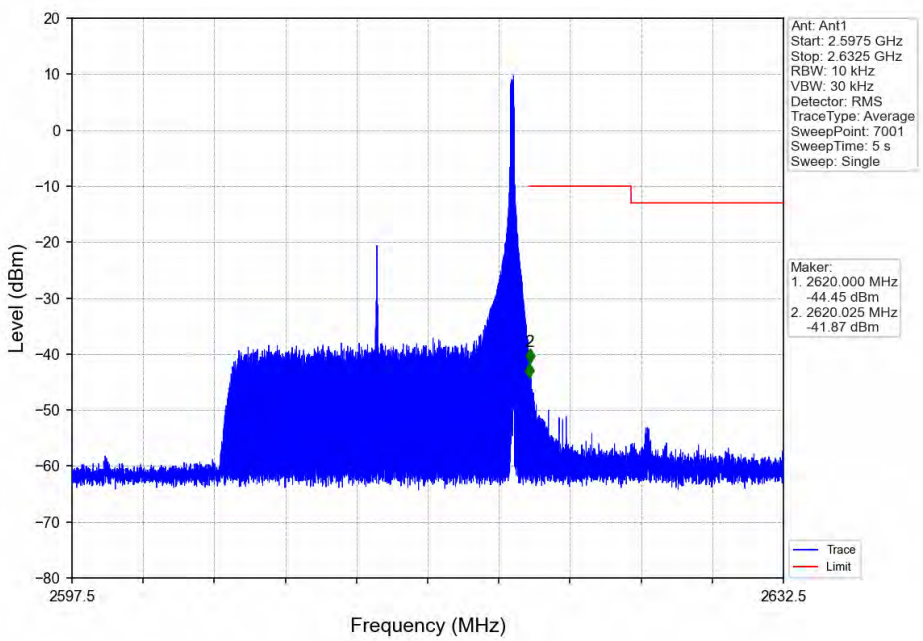
Band38_15MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



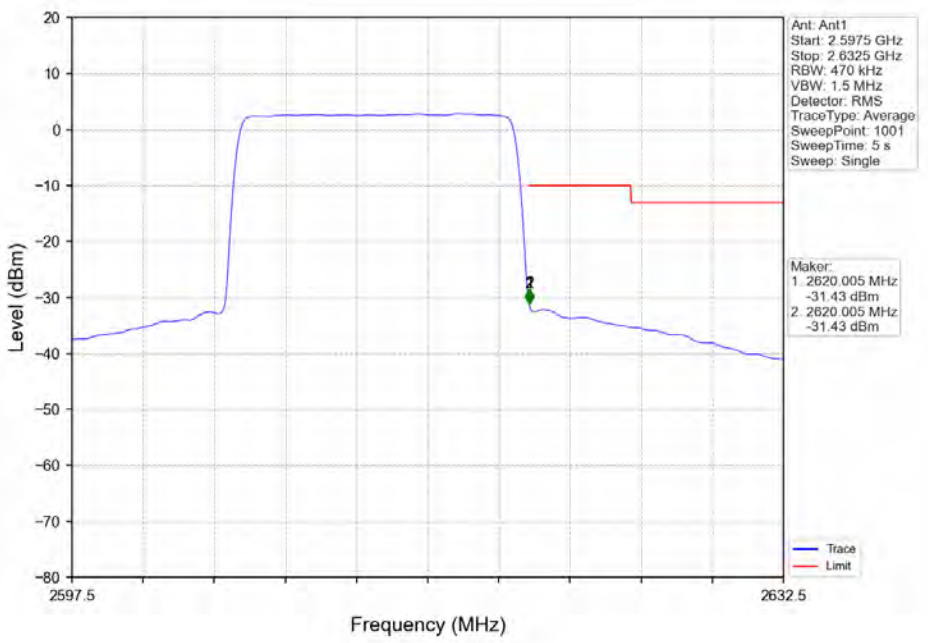
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_64QAM_HCH_2612.5MHz_RB_1_74_NTNV



Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV



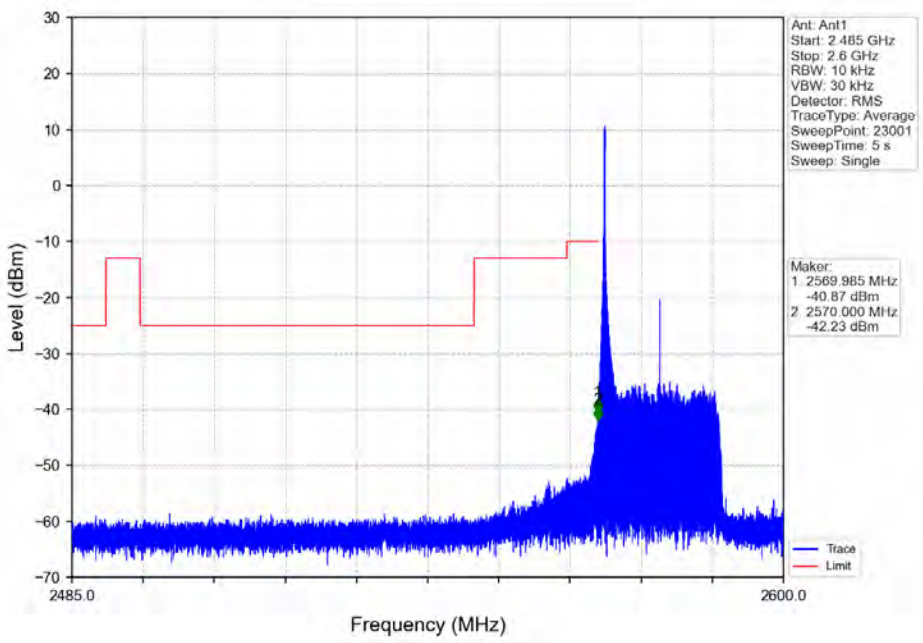
B38_20MHZ

TEST RESULT

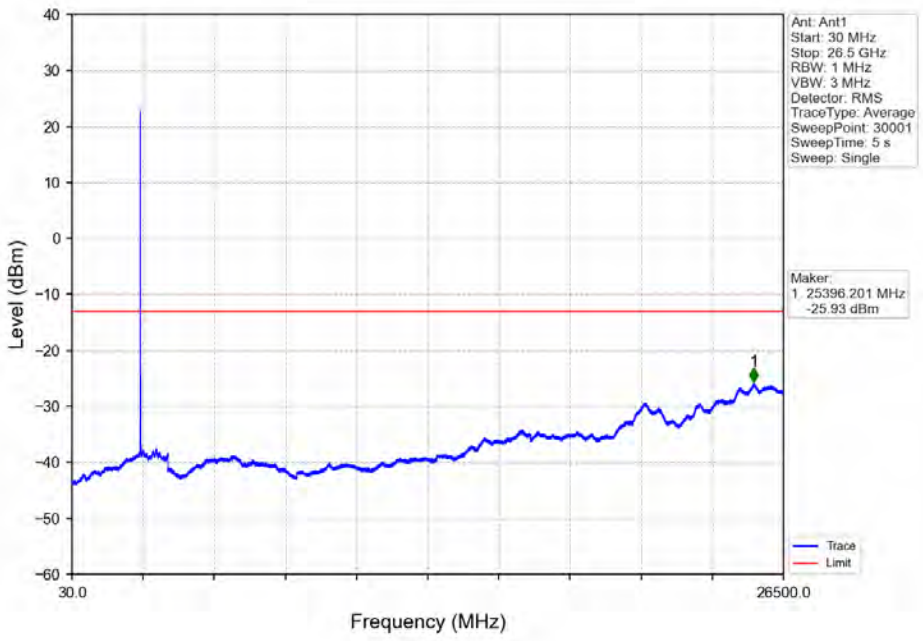
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2580	1	0	Refer To Test Graph		Pass
		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
64QAM	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

TEST GRAPH

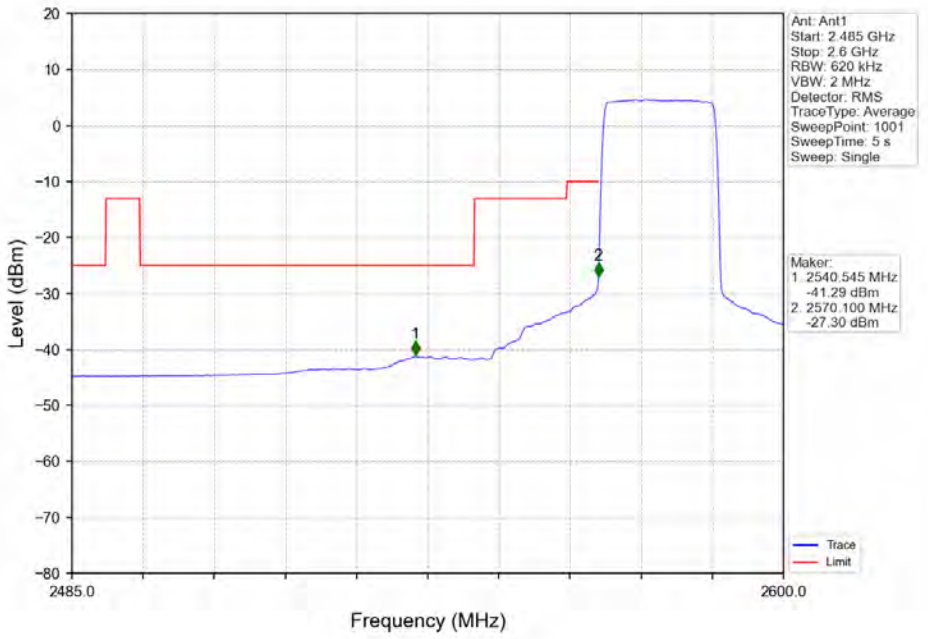
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



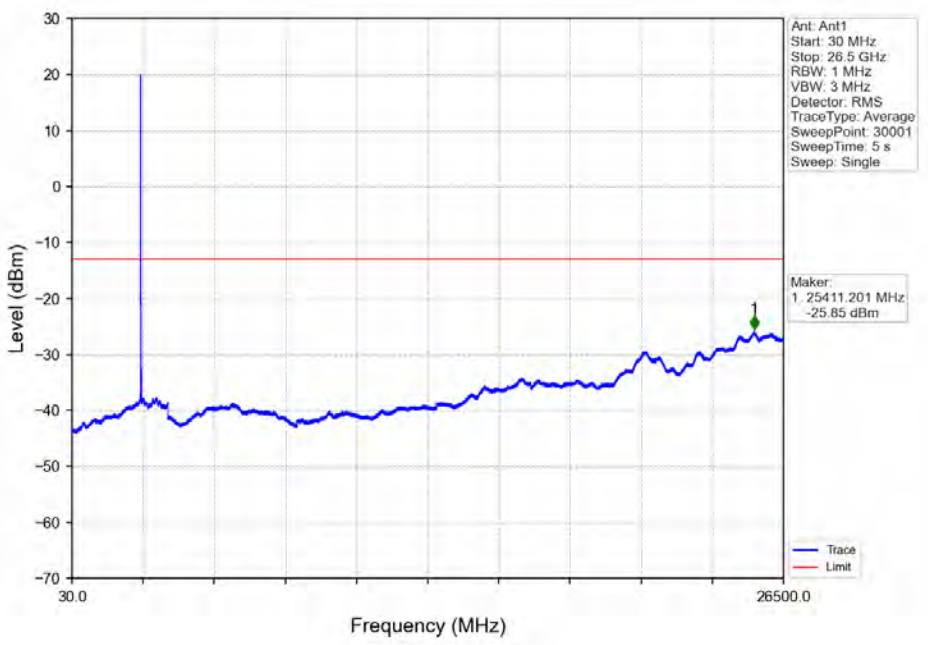
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



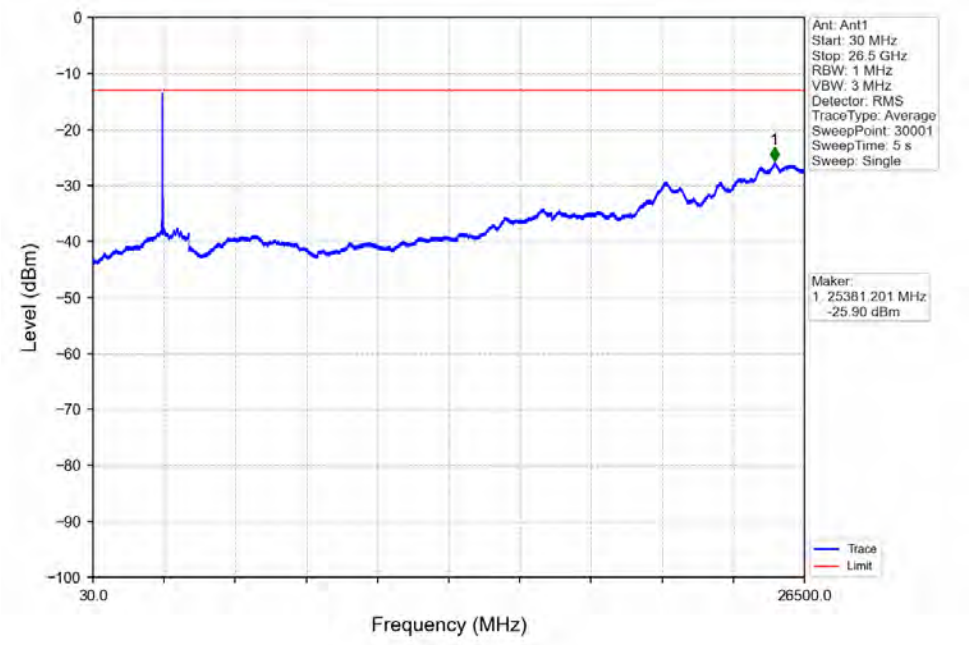
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



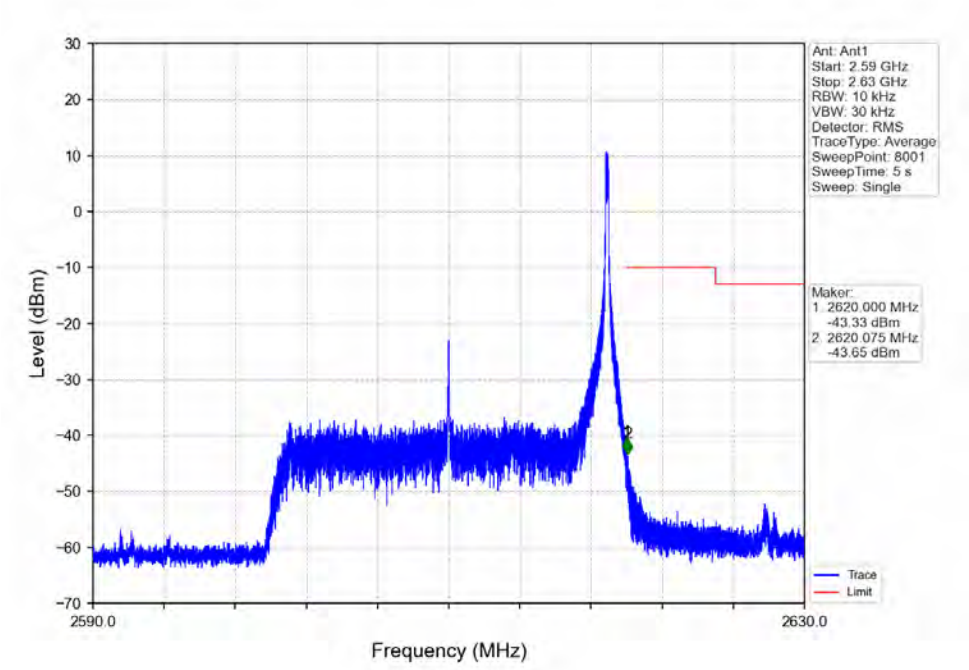
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



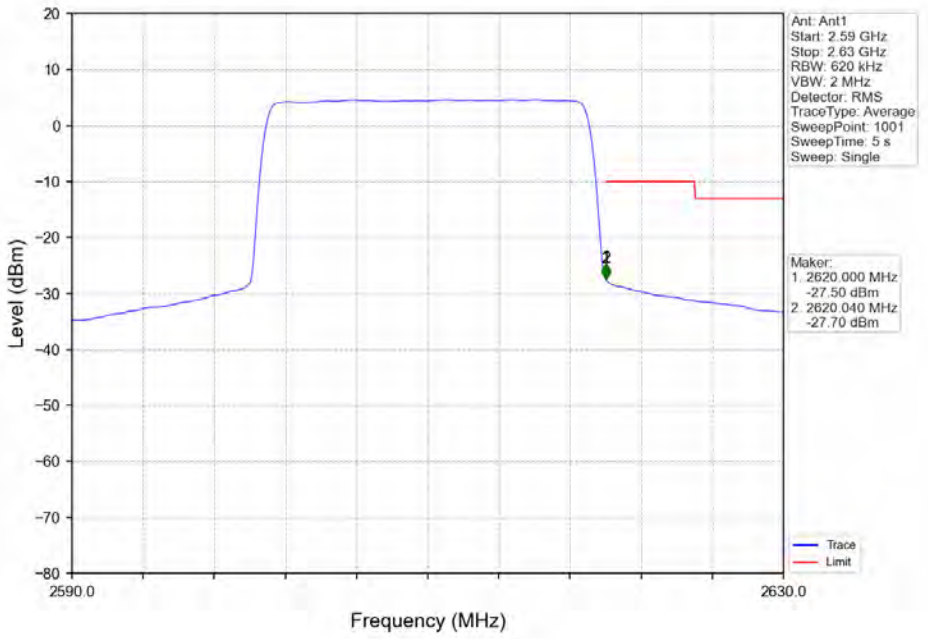
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



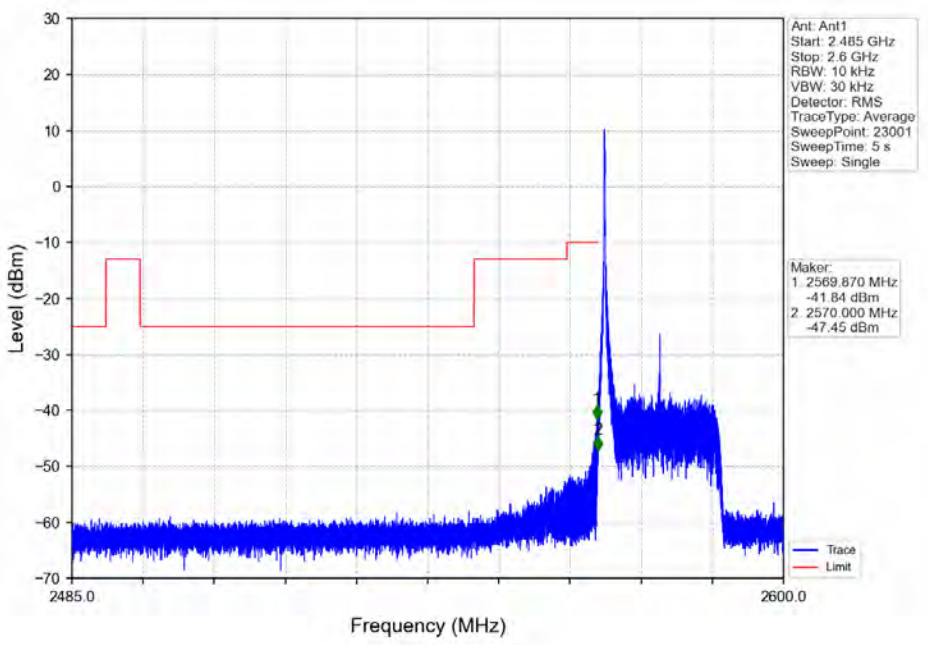
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_99_NTNV



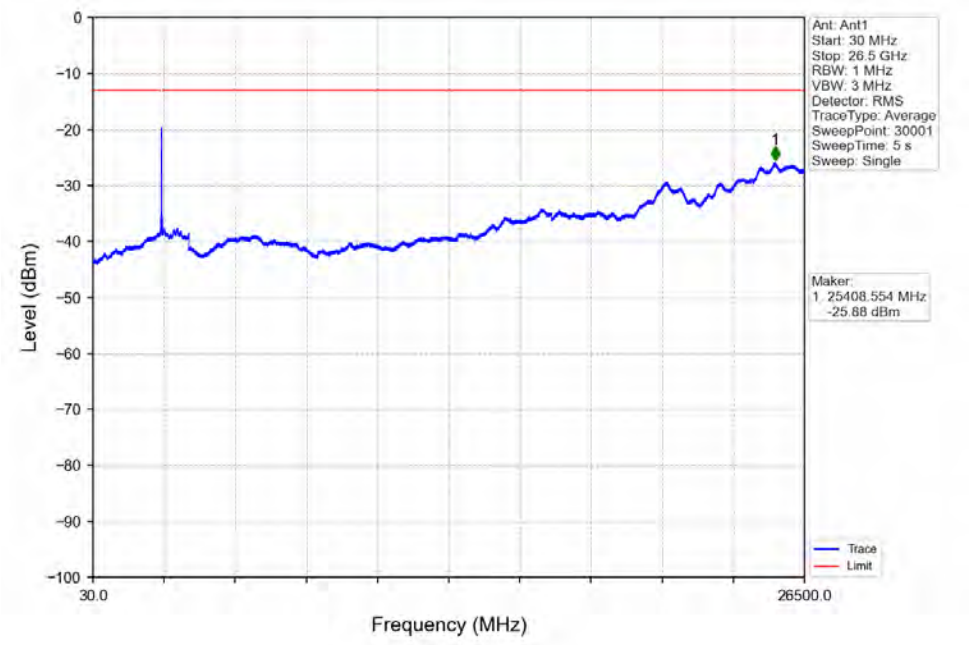
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



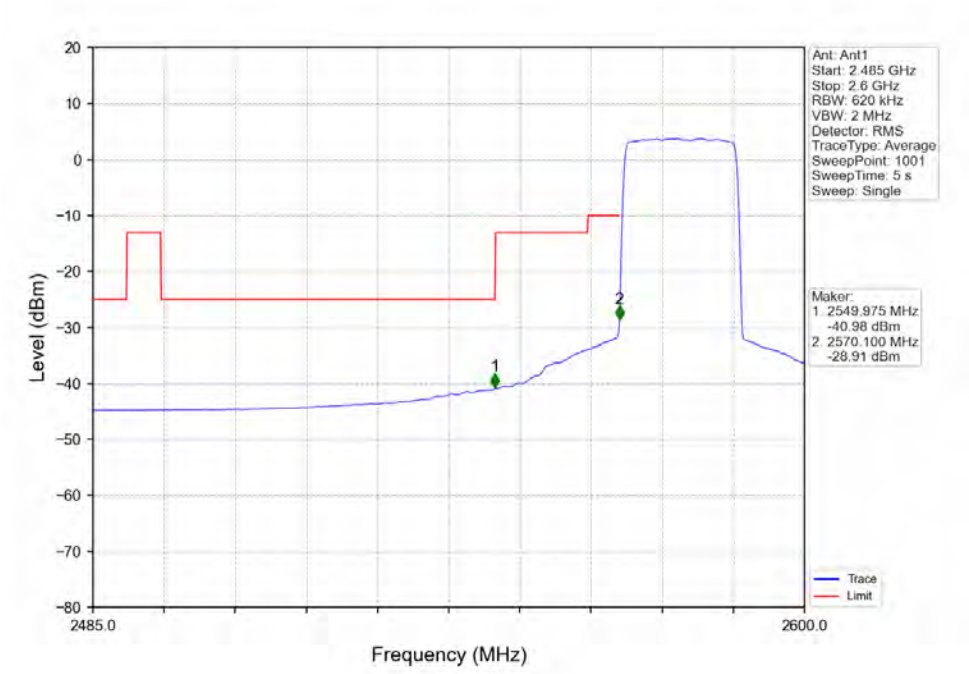
Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV



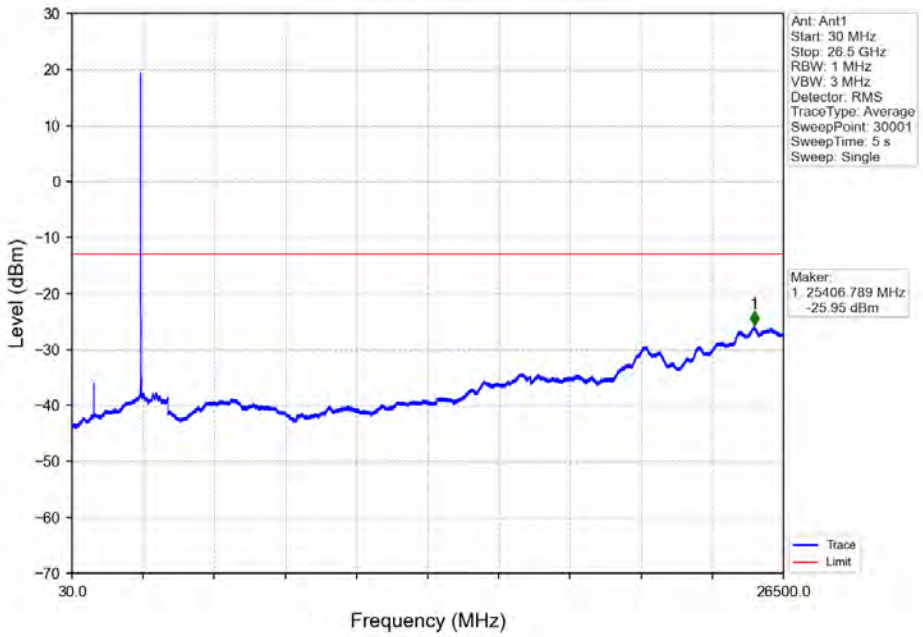
Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV



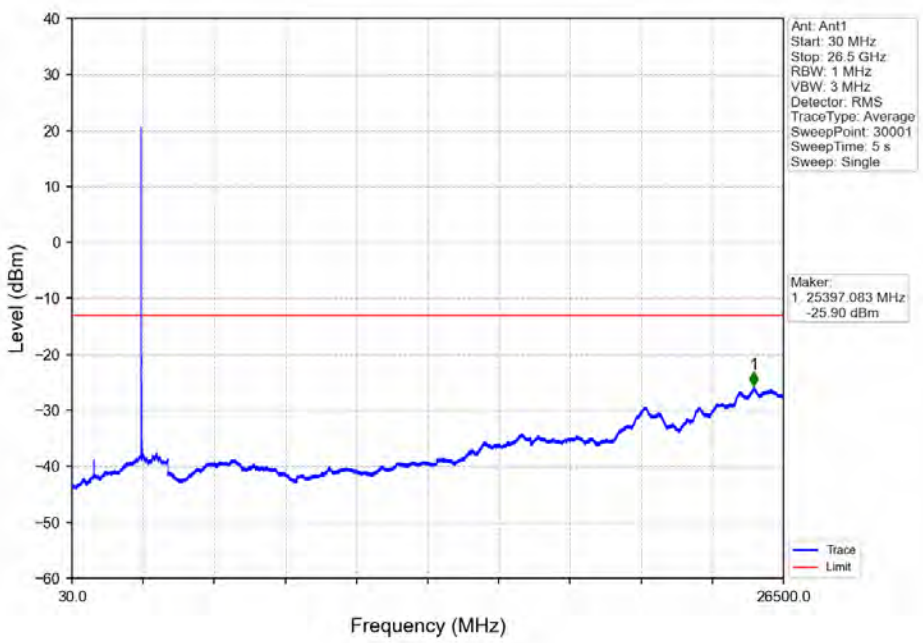
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



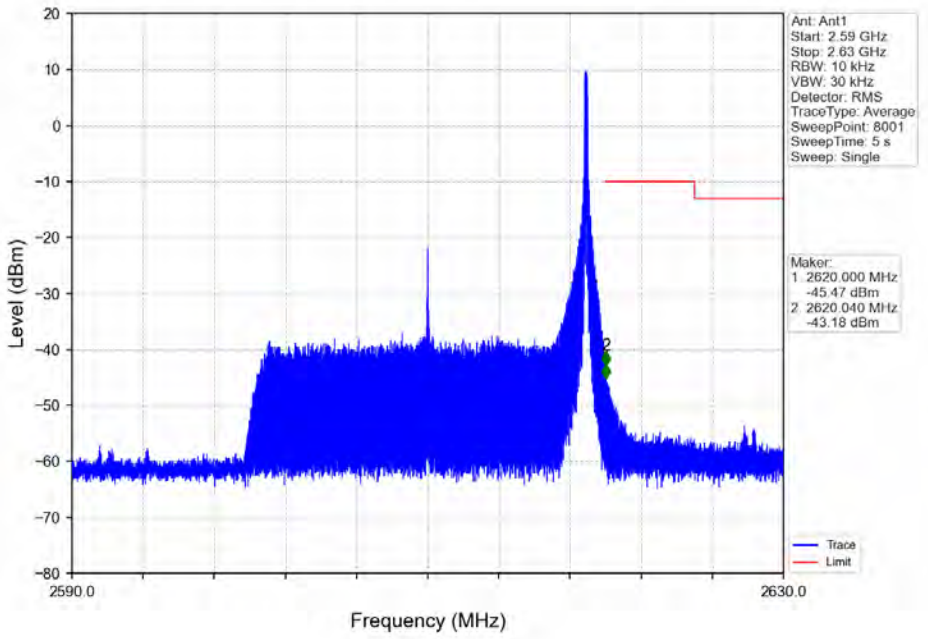
Band38_20MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



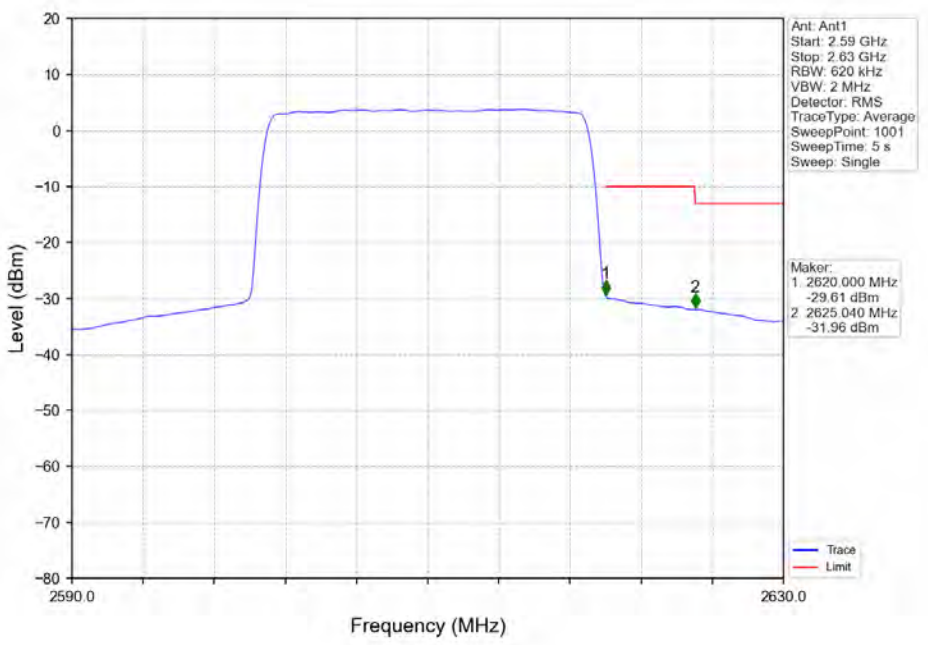
Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV



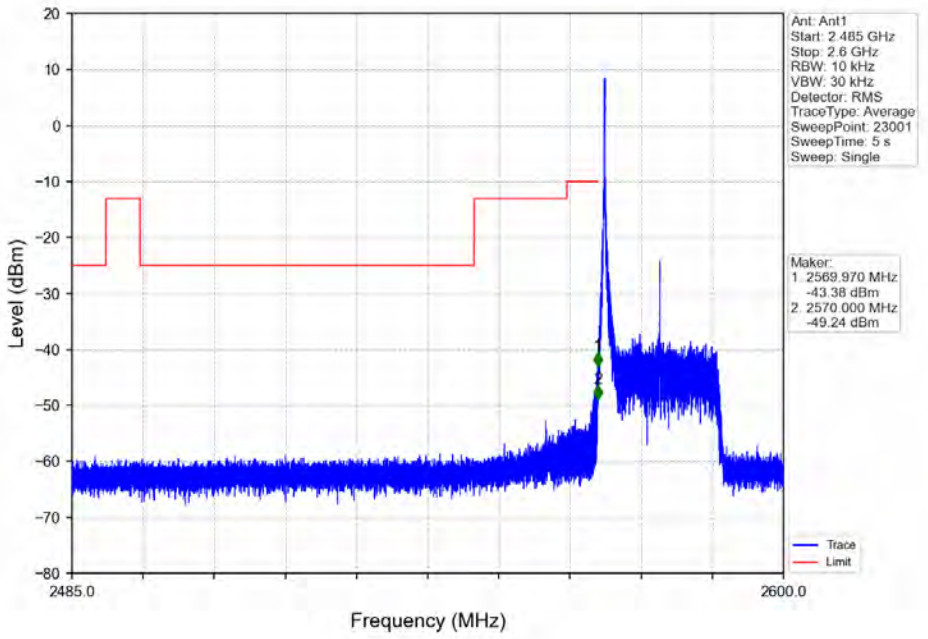
Band38_20MHz_16QAM_HCH_2610MHz_RB_1_99_NTNV



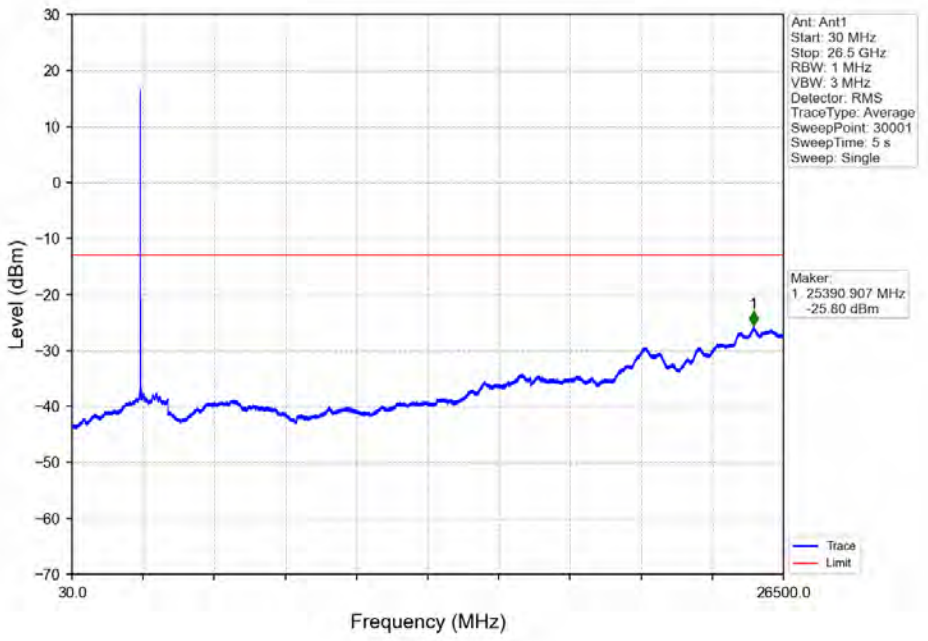
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



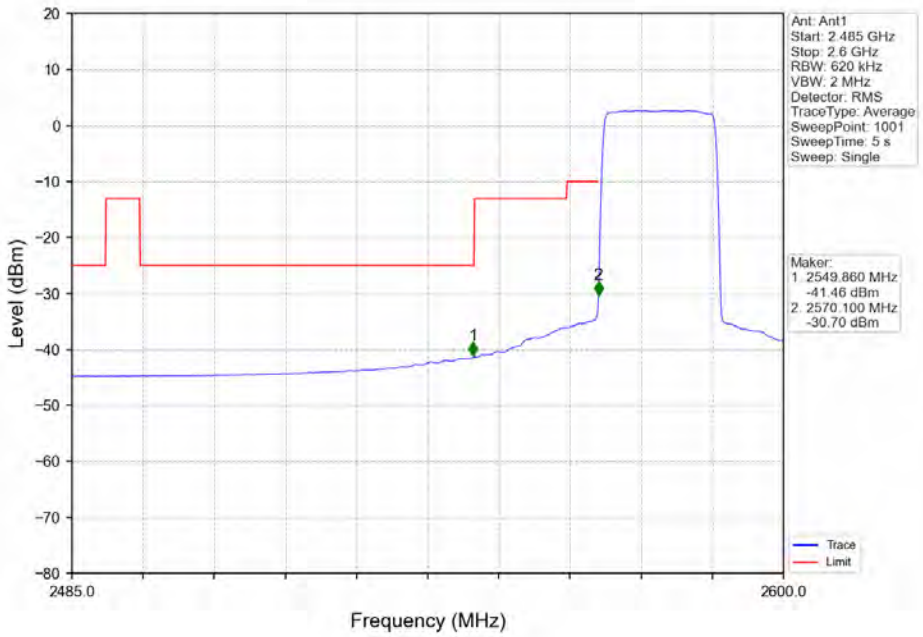
Band38_20MHz_64QAM_LCH_2580MHz_RB_1_0_NTNV



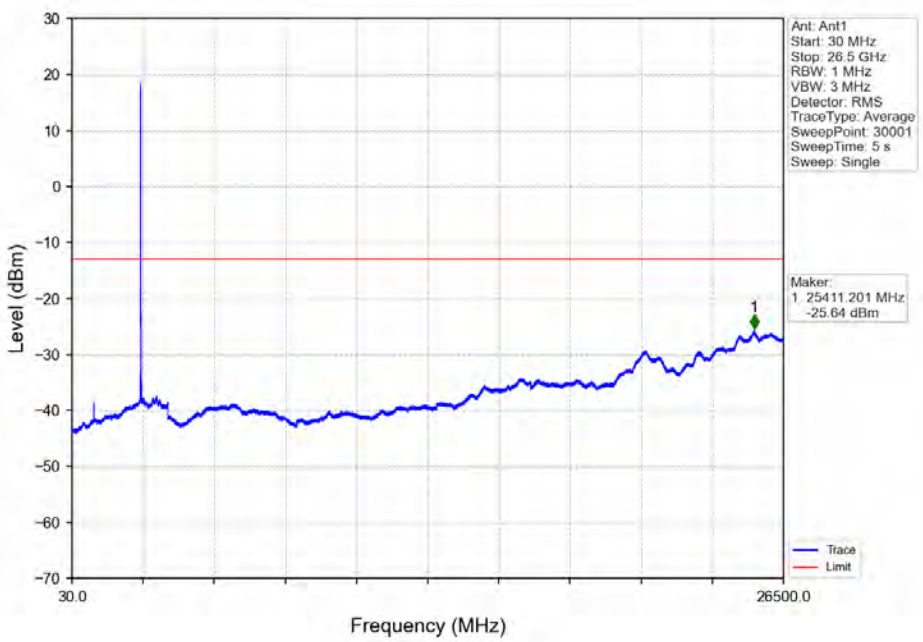
Band38_20MHz_64QAM_LCH_2580MHz_RB_1_0_NTNV



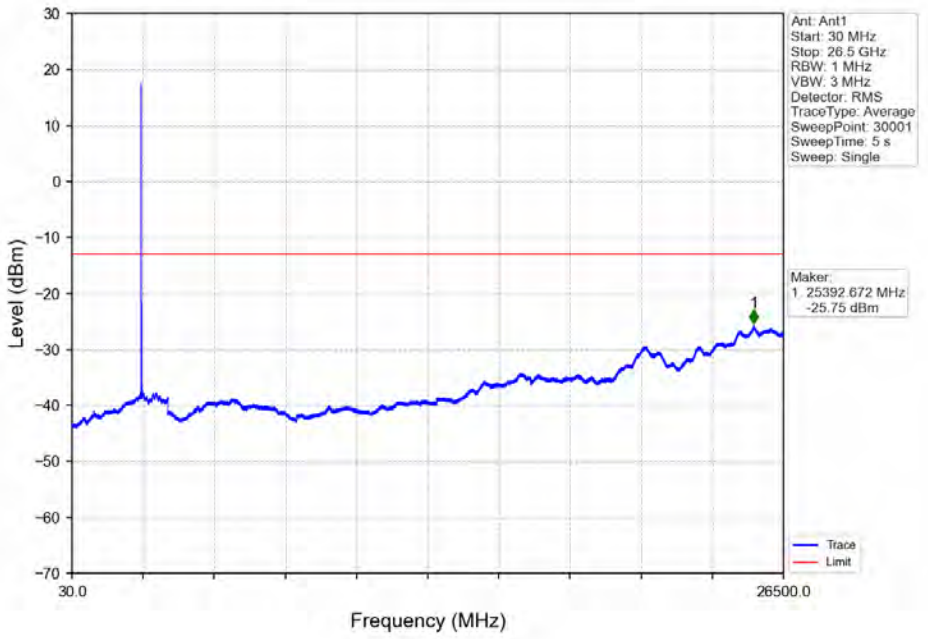
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



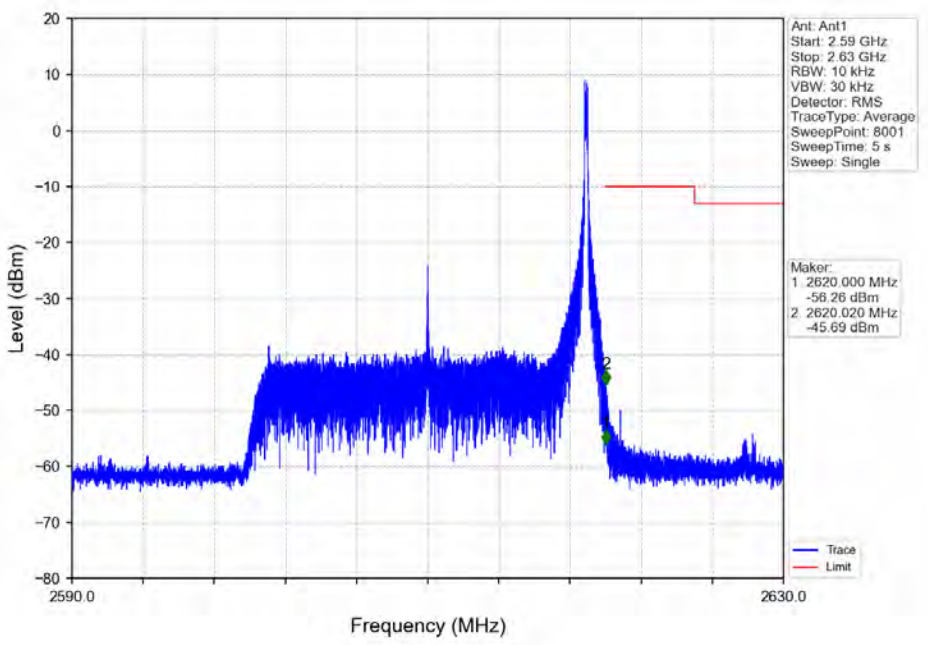
Band38_20MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



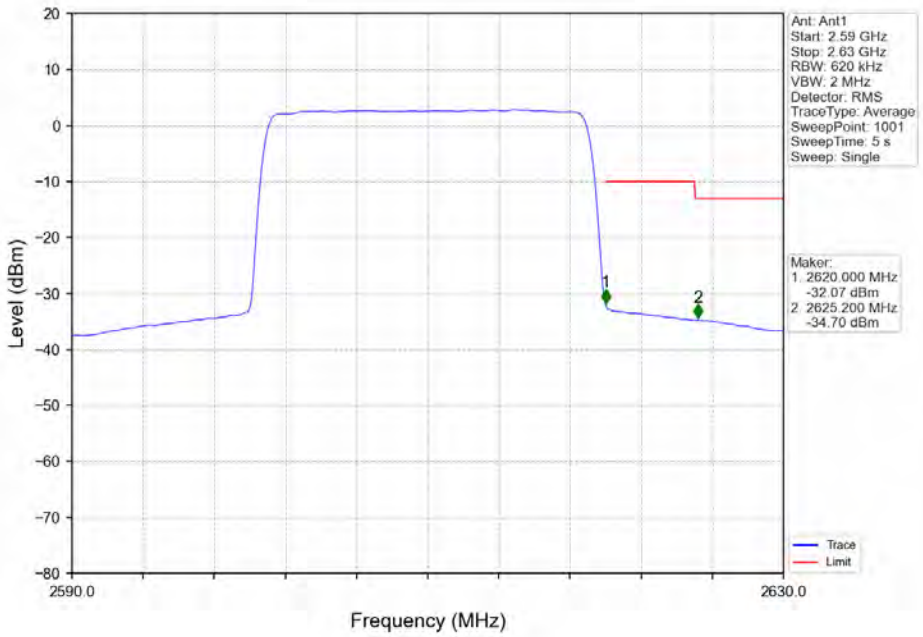
Band38_20MHz_64QAM_HCH_2610MHz_RB_1_0_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_1_99_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



LTE BAND 38C

99% & 26DB BANDWIDTH

LTE BAND38C_OBW

TEST RESULT

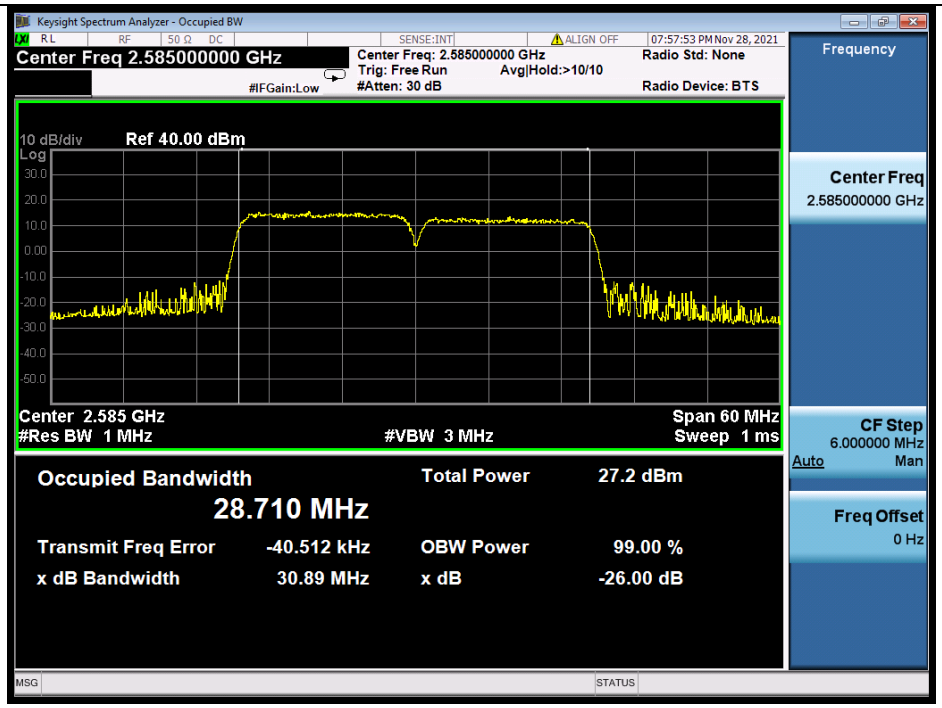
Band: 38C / Bandwidth: 15MHz+15MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	28.710	28.637	28.711	/	Pass
16QAM	FULL	0	28.704	28.637	28.732	/	Pass
64QAM	FULL	0	28.729	28.678	28.730	/	Pass
Band: 38C / Bandwidth: 20MHz+20MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	37.886	37.900	37.874	/	Pass
16QAM	FULL	0	37.826	37.911	37.864	/	Pass
64QAM	FULL	0	37.757	37.781	37.897	/	Pass

LTE Band38C_26DB
Test Result

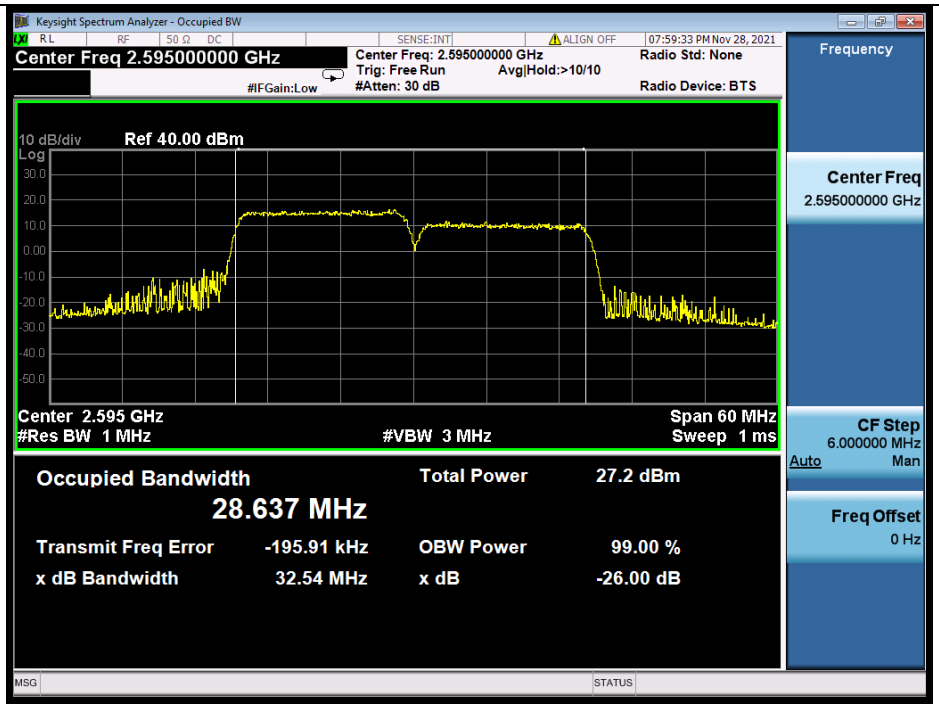
Band: 38C / Bandwidth: 15MHz+15MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	30.89	32.54	35.14	/	Pass
16QAM	FULL	0	30.95	33.35	34.77	/	Pass
64QAM	FULL	0	31.05	30.80	30.71	/	Pass
Band: 38C / Bandwidth: 20MHz+20MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	39.99	41.39	40.05	/	Pass
16QAM	FULL	0	40.02	40.03	43.83	/	Pass
64QAM	FULL	0	39.86	39.94	40.07	/	Pass

Test Graph

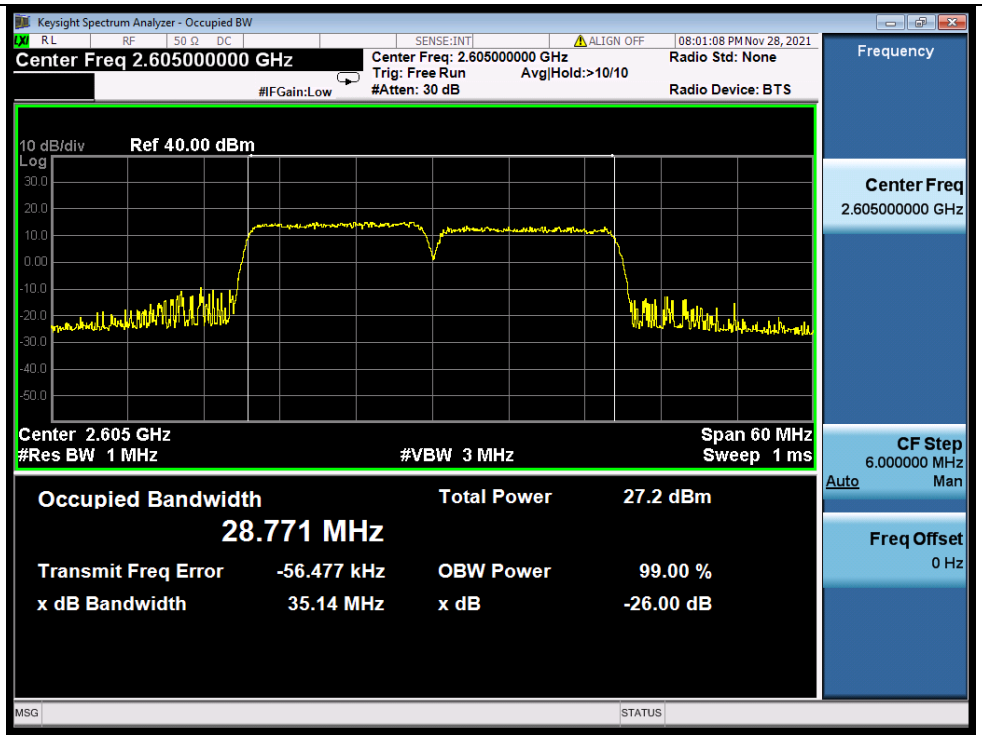
Band_38C_15MHz+15MHz_QPSK _LCH_NTNV



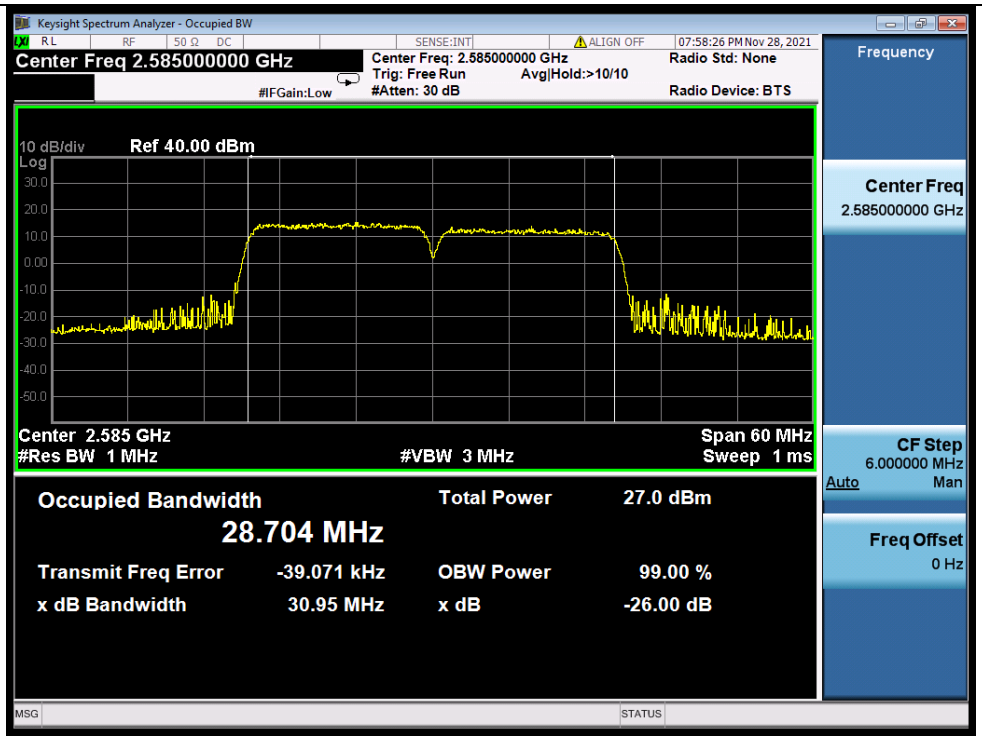
Band_38C_15MHz+15MHz_QPSK_MCH_ NTNV



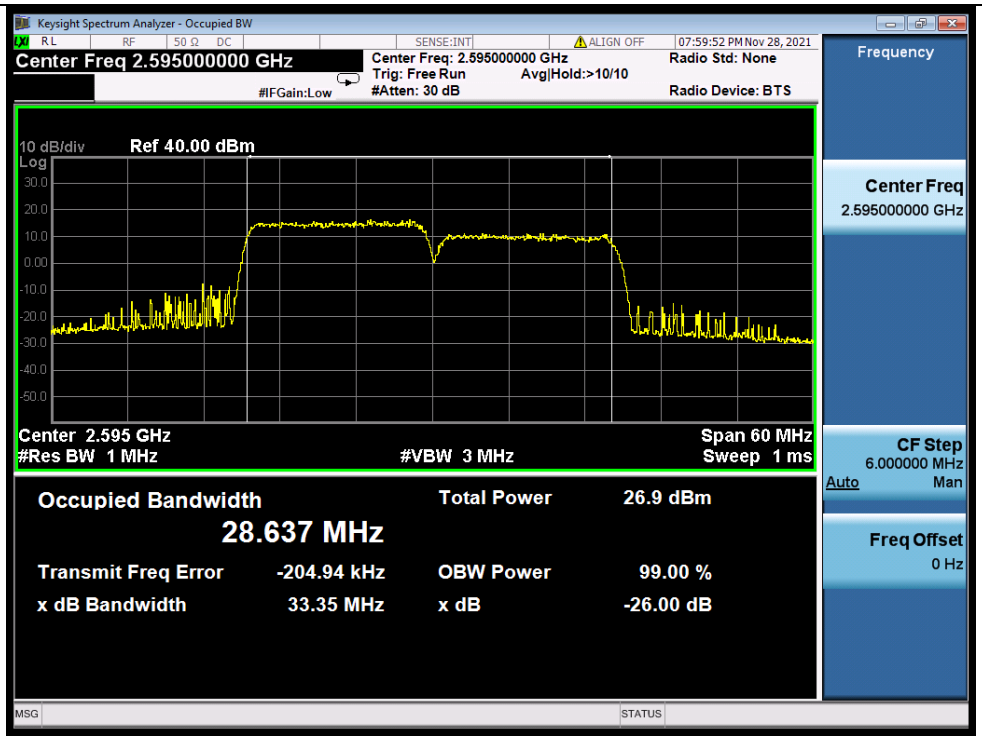
Band_38C_15MHz+15MHz_QPSK _HCH_ NTNV



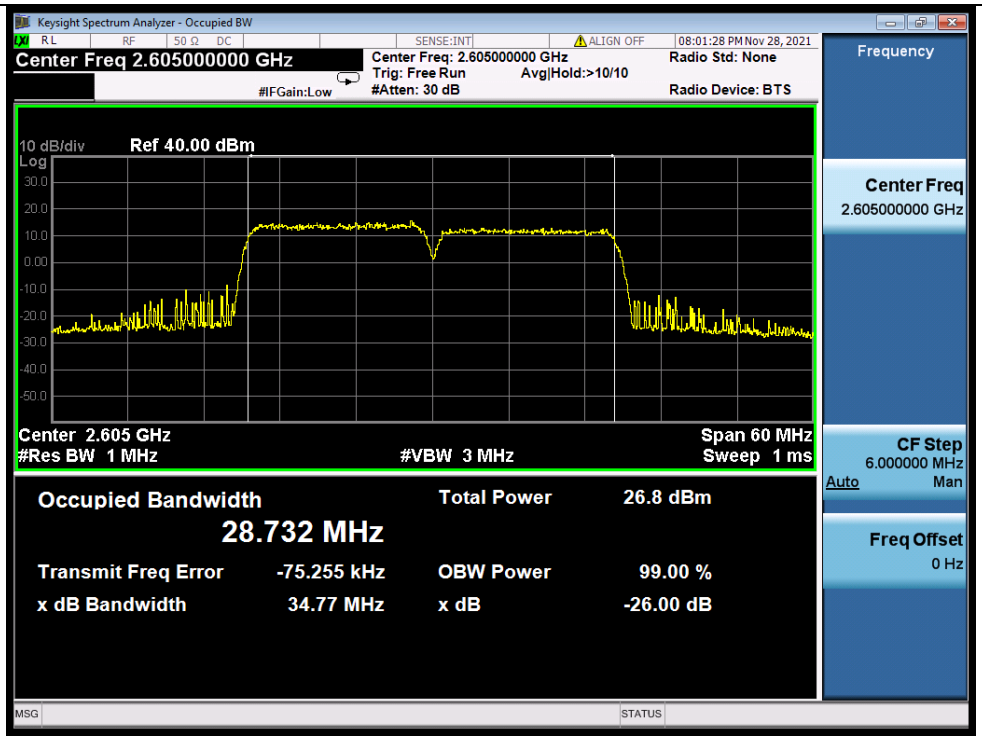
Band_38C_15MHz+15MHz_16QAM_LCH_ NTNV



Band_38C_15MHz+15MHz_16QAM_MCH_NTNV



Band_38C_15MHz+15MHz_16QAM_ HCH _NTNV



Band_38C_15MHz+15MHz_64QAM_LCH_NTNV