

1. Effective (Isotropic) Radiated Power Output Data

1.1 B38_5MHz_EIRP

1.1.1 Test Result

Band: 38 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2572.5	1	0	23.00	4.38	27.38	<=33.01	Pass
			13	24.38	4.38	28.76	<=33.01	Pass
			24	23.96	4.38	28.34	<=33.01	Pass
		12	0	22.80	4.38	27.18	<=33.01	Pass
			6	23.08	4.38	27.46	<=33.01	Pass
			13	23.33	4.38	27.71	<=33.01	Pass
		25	0	23.14	4.38	27.52	<=33.01	Pass
	2595	1	0	23.46	4.38	27.84	<=33.01	Pass
			13	24.02	4.38	28.40	<=33.01	Pass
			24	23.43	4.38	27.81	<=33.01	Pass
		12	0	22.89	4.38	27.27	<=33.01	Pass
			6	22.86	4.38	27.24	<=33.01	Pass
			13	22.72	4.38	27.10	<=33.01	Pass
		25	0	22.75	4.38	27.13	<=33.01	Pass
	2617.5	1	0	22.91	4.38	27.29	<=33.01	Pass
			13	23.41	4.38	27.79	<=33.01	Pass
			24	23.06	4.38	27.44	<=33.01	Pass
		12	0	22.28	4.38	26.66	<=33.01	Pass
			6	22.41	4.38	26.79	<=33.01	Pass
			13	22.43	4.38	26.81	<=33.01	Pass
		25	0	22.40	4.38	26.78	<=33.01	Pass
16QAM	2572.5	1	0	22.10	4.38	26.48	<=33.01	Pass
			13	23.38	4.38	27.76	<=33.01	Pass
			24	23.15	4.38	27.53	<=33.01	Pass
		12	0	21.89	4.38	26.27	<=33.01	Pass
			6	22.22	4.38	26.60	<=33.01	Pass
			13	22.37	4.38	26.75	<=33.01	Pass
		25	0	22.20	4.38	26.58	<=33.01	Pass
	2595	1	0	22.55	4.38	26.93	<=33.01	Pass
			13	22.94	4.38	27.32	<=33.01	Pass
			24	22.39	4.38	26.77	<=33.01	Pass
		12	0	21.82	4.38	26.20	<=33.01	Pass
			6	21.86	4.38	26.24	<=33.01	Pass
			13	21.73	4.38	26.11	<=33.01	Pass
		25	0	21.77	4.38	26.15	<=33.01	Pass
	2617.5	1	0	22.04	4.38	26.42	<=33.01	Pass
			13	22.66	4.38	27.04	<=33.01	Pass
			24	22.14	4.38	26.52	<=33.01	Pass
		12	0	21.26	4.38	25.64	<=33.01	Pass
			6	21.45	4.38	25.83	<=33.01	Pass
			13	21.40	4.38	25.78	<=33.01	Pass
		25	0	21.44	4.38	25.82	<=33.01	Pass
64QAM	2572.5	1	0	21.30	4.38	25.68	<=33.01	Pass
			13	22.25	4.38	26.63	<=33.01	Pass
			24	21.92	4.38	26.30	<=33.01	Pass
		12	0	20.82	4.38	25.20	<=33.01	Pass
			6	21.13	4.38	25.51	<=33.01	Pass

			13	21.42	4.38	25.80	<=33.01	Pass
		25	0	21.19	4.38	25.57	<=33.01	Pass
	2595	1	0	21.62	4.38	26.00	<=33.01	Pass
			13	22.04	4.38	26.42	<=33.01	Pass
			24	21.08	4.38	25.46	<=33.01	Pass
		12	0	20.77	4.38	25.15	<=33.01	Pass
			6	20.92	4.38	25.30	<=33.01	Pass
			13	20.63	4.38	25.01	<=33.01	Pass
		25	0	20.77	4.38	25.15	<=33.01	Pass
		2617.5	1	0	20.91	4.38	25.29	<=33.01
	13			21.35	4.38	25.73	<=33.01	Pass
	24			21.42	4.38	25.80	<=33.01	Pass
	12		0	20.27	4.38	24.65	<=33.01	Pass
			6	20.37	4.38	24.75	<=33.01	Pass
			13	20.37	4.38	24.75	<=33.01	Pass
	25		0	20.31	4.38	24.69	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B38_10MHz_EIRP

1.2.1 Test Result

Band: 38 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2575	1	0	23.31	4.38	27.69	<=33.01	Pass
			25	24.58	4.38	28.96	<=33.01	Pass
			49	24.15	4.38	28.53	<=33.01	Pass
		25	0	23.30	4.38	27.68	<=33.01	Pass
			13	23.54	4.38	27.92	<=33.01	Pass
			25	23.31	4.38	27.69	<=33.01	Pass
		50	0	23.30	4.38	27.68	<=33.01	Pass
	2595	1	0	23.88	4.38	28.26	<=33.01	Pass
			25	23.92	4.38	28.30	<=33.01	Pass
			49	23.48	4.38	27.86	<=33.01	Pass
		25	0	23.02	4.38	27.40	<=33.01	Pass
			13	22.97	4.38	27.35	<=33.01	Pass
			25	22.80	4.38	27.18	<=33.01	Pass
		50	0	22.79	4.38	27.17	<=33.01	Pass
	2615	1	0	23.49	4.38	27.87	<=33.01	Pass
			25	23.46	4.38	27.84	<=33.01	Pass
			49	23.30	4.38	27.68	<=33.01	Pass
		25	0	22.61	4.38	26.99	<=33.01	Pass
			13	22.55	4.38	26.93	<=33.01	Pass
			25	22.48	4.38	26.86	<=33.01	Pass
		50	0	22.60	4.38	26.98	<=33.01	Pass
16QAM	2575	1	0	22.23	4.38	26.61	<=33.01	Pass
			25	23.66	4.38	28.04	<=33.01	Pass
			49	23.08	4.38	27.46	<=33.01	Pass
		25	0	22.40	4.38	26.78	<=33.01	Pass
			13	22.59	4.38	26.97	<=33.01	Pass
			25	22.33	4.38	26.71	<=33.01	Pass
		50	0	22.36	4.38	26.74	<=33.01	Pass
	2595	1	0	22.55	4.38	26.93	<=33.01	Pass
			25	22.80	4.38	27.18	<=33.01	Pass

64QAM		25	49	22.41	4.38	26.79	<=33.01	Pass
			0	22.03	4.38	26.41	<=33.01	Pass
			13	21.97	4.38	26.35	<=33.01	Pass
			25	21.86	4.38	26.24	<=33.01	Pass
	2615	1	0	21.78	4.38	26.16	<=33.01	Pass
			0	22.28	4.38	26.66	<=33.01	Pass
			25	22.40	4.38	26.78	<=33.01	Pass
		25	49	22.00	4.38	26.38	<=33.01	Pass
			0	21.56	4.38	25.94	<=33.01	Pass
			13	21.51	4.38	25.89	<=33.01	Pass
			25	21.46	4.38	25.84	<=33.01	Pass
		50	0	21.55	4.38	25.93	<=33.01	Pass
			0	21.50	4.38	25.88	<=33.01	Pass
			25	22.33	4.38	26.71	<=33.01	Pass
		25	49	21.90	4.38	26.28	<=33.01	Pass
			0	21.31	4.38	25.69	<=33.01	Pass
			13	21.57	4.38	25.95	<=33.01	Pass
		50	25	21.34	4.38	25.72	<=33.01	Pass
			0	21.36	4.38	25.74	<=33.01	Pass
64QAM	2595	1	0	22.09	4.38	26.47	<=33.01	Pass
			25	22.25	4.38	26.63	<=33.01	Pass
			49	21.22	4.38	25.60	<=33.01	Pass
		25	0	21.03	4.38	25.41	<=33.01	Pass
			13	20.97	4.38	25.35	<=33.01	Pass
			25	20.90	4.38	25.28	<=33.01	Pass
		50	0	20.75	4.38	25.13	<=33.01	Pass
			0	21.23	4.38	25.61	<=33.01	Pass
			25	21.17	4.38	25.55	<=33.01	Pass
		1	49	20.90	4.38	25.28	<=33.01	Pass
			0	20.46	4.38	24.84	<=33.01	Pass
			13	20.49	4.38	24.87	<=33.01	Pass
	2615	25	25	20.39	4.38	24.77	<=33.01	Pass
			0	20.54	4.38	24.92	<=33.01	Pass
		36	0	22.79	4.38	27.17	<=33.01	Pass
			18	23.06	4.38	27.44	<=33.01	Pass
			39	22.79	4.38	27.17	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B38_15MHz_EIRP

1.3.1 Test Result

Band: 38 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2577.5	1	0	23.19	4.38	27.57	<=33.01	Pass
			38	24.27	4.38	28.65	<=33.01	Pass
			74	23.78	4.38	28.16	<=33.01	Pass
		36	0	23.22	4.38	27.60	<=33.01	Pass
			18	23.43	4.38	27.81	<=33.01	Pass
			39	23.26	4.38	27.64	<=33.01	Pass
		75	0	23.20	4.38	27.58	<=33.01	Pass
			0	23.92	4.38	28.30	<=33.01	Pass
			38	23.95	4.38	28.33	<=33.01	Pass
	2595	1	74	23.53	4.38	27.91	<=33.01	Pass
			0	22.96	4.38	27.34	<=33.01	Pass
			18	23.06	4.38	27.44	<=33.01	Pass
		36	39	22.79	4.38	27.17	<=33.01	Pass
			0	22.79	4.38	27.17	<=33.01	Pass

		75	0	22.95	4.38	27.33	<=33.01	Pass
	2612.5	1	0	23.41	4.38	27.79	<=33.01	Pass
			38	23.63	4.38	28.01	<=33.01	Pass
			74	23.32	4.38	27.70	<=33.01	Pass
			0	22.60	4.38	26.98	<=33.01	Pass
		36	18	22.69	4.38	27.07	<=33.01	Pass
			39	22.42	4.38	26.80	<=33.01	Pass
			75	0	22.60	4.38	26.98	<=33.01
16QAM	2577.5	1	0	21.93	4.38	26.31	<=33.01	Pass
			38	23.42	4.38	27.80	<=33.01	Pass
			74	22.98	4.38	27.36	<=33.01	Pass
		36	0	22.24	4.38	26.62	<=33.01	Pass
			18	22.37	4.38	26.75	<=33.01	Pass
			39	22.32	4.38	26.70	<=33.01	Pass
		75	0	22.32	4.38	26.70	<=33.01	Pass
	2595	1	0	22.77	4.38	27.15	<=33.01	Pass
			38	22.74	4.38	27.12	<=33.01	Pass
			74	22.43	4.38	26.81	<=33.01	Pass
		36	0	21.98	4.38	26.36	<=33.01	Pass
			18	22.05	4.38	26.43	<=33.01	Pass
			39	21.81	4.38	26.19	<=33.01	Pass
		75	0	21.95	4.38	26.33	<=33.01	Pass
	2612.5	1	0	22.84	4.38	27.22	<=33.01	Pass
			38	22.67	4.38	27.05	<=33.01	Pass
			74	21.98	4.38	26.36	<=33.01	Pass
		36	0	21.62	4.38	26.00	<=33.01	Pass
			18	21.70	4.38	26.08	<=33.01	Pass
			39	21.38	4.38	25.76	<=33.01	Pass
		75	0	21.60	4.38	25.98	<=33.01	Pass
64QAM	2577.5	1	0	20.68	4.38	25.06	<=33.01	Pass
			38	22.55	4.38	26.93	<=33.01	Pass
			74	21.35	4.38	25.73	<=33.01	Pass
		36	0	21.29	4.38	25.67	<=33.01	Pass
			18	21.40	4.38	25.78	<=33.01	Pass
			39	21.36	4.38	25.74	<=33.01	Pass
		75	0	21.26	4.38	25.64	<=33.01	Pass
	2595	1	0	21.93	4.38	26.31	<=33.01	Pass
			38	22.04	4.38	26.42	<=33.01	Pass
			74	21.25	4.38	25.63	<=33.01	Pass
		36	0	20.98	4.38	25.36	<=33.01	Pass
			18	21.00	4.38	25.38	<=33.01	Pass
			39	20.75	4.38	25.13	<=33.01	Pass
		75	0	21.00	4.38	25.38	<=33.01	Pass
	2612.5	1	0	21.45	4.38	25.83	<=33.01	Pass
			38	21.82	4.38	26.20	<=33.01	Pass
			74	21.42	4.38	25.80	<=33.01	Pass
		36	0	20.57	4.38	24.95	<=33.01	Pass
			18	20.69	4.38	25.07	<=33.01	Pass
39			20.38	4.38	24.76	<=33.01	Pass	
75		0	20.64	4.38	25.02	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B38_20MHz_EIRP

1.4.1 Test Result

Band: 38 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2580	1	0	22.09	4.38	26.47	<=33.01	Pass
			50	23.73	4.38	28.11	<=33.01	Pass
			99	23.06	4.38	27.44	<=33.01	Pass
		50	0	23.23	4.38	27.61	<=33.01	Pass
			25	23.38	4.38	27.76	<=33.01	Pass
			50	22.97	4.38	27.35	<=33.01	Pass
		100	0	23.22	4.38	27.60	<=33.01	Pass
	2595	1	0	22.60	4.38	26.98	<=33.01	Pass
			50	23.15	4.38	27.53	<=33.01	Pass
			99	22.93	4.38	27.31	<=33.01	Pass
		50	0	22.92	4.38	27.30	<=33.01	Pass
			25	23.05	4.38	27.43	<=33.01	Pass
			50	22.70	4.38	27.08	<=33.01	Pass
		100	0	22.86	4.38	27.24	<=33.01	Pass
	2610	1	0	22.20	4.38	26.58	<=33.01	Pass
			50	22.89	4.38	27.27	<=33.01	Pass
			99	22.52	4.38	26.90	<=33.01	Pass
		50	0	22.67	4.38	27.05	<=33.01	Pass
			25	22.67	4.38	27.05	<=33.01	Pass
			50	22.38	4.38	26.76	<=33.01	Pass
		100	0	22.51	4.38	26.89	<=33.01	Pass
16QAM	2580	1	0	21.38	4.38	25.76	<=33.01	Pass
			50	22.79	4.38	27.17	<=33.01	Pass
			99	22.16	4.38	26.54	<=33.01	Pass
		50	0	22.16	4.38	26.54	<=33.01	Pass
			25	22.41	4.38	26.79	<=33.01	Pass
			50	22.11	4.38	26.49	<=33.01	Pass
		100	0	22.22	4.38	26.60	<=33.01	Pass
	2595	1	0	21.31	4.38	25.69	<=33.01	Pass
			50	21.85	4.38	26.23	<=33.01	Pass
			99	21.59	4.38	25.97	<=33.01	Pass
		50	0	21.92	4.38	26.30	<=33.01	Pass
			25	22.02	4.38	26.40	<=33.01	Pass
			50	21.67	4.38	26.05	<=33.01	Pass
		100	0	21.83	4.38	26.21	<=33.01	Pass
	2610	1	0	21.34	4.38	25.72	<=33.01	Pass
			50	21.52	4.38	25.90	<=33.01	Pass
			99	21.12	4.38	25.50	<=33.01	Pass
		50	0	21.67	4.38	26.05	<=33.01	Pass
			25	21.73	4.38	26.11	<=33.01	Pass
			50	21.35	4.38	25.73	<=33.01	Pass
		100	0	21.55	4.38	25.93	<=33.01	Pass
64QAM	2580	1	0	20.21	4.38	24.59	<=33.01	Pass
			50	21.46	4.38	25.84	<=33.01	Pass
			99	21.05	4.38	25.43	<=33.01	Pass
		50	0	21.07	4.38	25.45	<=33.01	Pass
			25	21.26	4.38	25.64	<=33.01	Pass
			50	21.04	4.38	25.42	<=33.01	Pass
		100	0	21.21	4.38	25.59	<=33.01	Pass
	2595	1	0	20.39	4.38	24.77	<=33.01	Pass
			50	21.20	4.38	25.58	<=33.01	Pass
			99	20.80	4.38	25.18	<=33.01	Pass
		50	0	20.89	4.38	25.27	<=33.01	Pass
			25	21.08	4.38	25.46	<=33.01	Pass
			50	20.68	4.38	25.06	<=33.01	Pass

	2610	100	0	20.80	4.38	25.18	<=33.01	Pass
		1	0	20.35	4.38	24.73	<=33.01	Pass
			50	20.96	4.38	25.34	<=33.01	Pass
			99	20.70	4.38	25.08	<=33.01	Pass
		50	0	20.70	4.38	25.08	<=33.01	Pass
			25	20.68	4.38	25.06	<=33.01	Pass
			50	20.49	4.38	24.87	<=33.01	Pass
			100	20.51	4.38	24.89	<=33.01	Pass
		100	0	20.51	4.38	24.89	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 B38_5MHz

2.1.1 Test Result

Band: 38 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2572.5	25	0	20	102	2.174	0.0008	-2.5 to 2.5	Pass
					120	7.668	0.0030	-2.5 to 2.5	Pass
					138	1.488	0.0006	-2.5 to 2.5	Pass
				-30	120	-2.232	-0.0009	-2.5 to 2.5	Pass
					120	2.575	0.0010	-2.5 to 2.5	Pass
					120	8.655	0.0034	-2.5 to 2.5	Pass
				-10	120	5.407	0.0021	-2.5 to 2.5	Pass
					120	8.740	0.0034	-2.5 to 2.5	Pass
					120	5.093	0.0020	-2.5 to 2.5	Pass
				0	120	-0.501	-0.0002	-2.5 to 2.5	Pass
					120	2.789	0.0011	-2.5 to 2.5	Pass
					120	2.789	0.0011	-2.5 to 2.5	Pass
	2595	25	0	20	102	1.287	0.0005	-2.5 to 2.5	Pass
					120	0.687	0.0003	-2.5 to 2.5	Pass
					138	4.377	0.0017	-2.5 to 2.5	Pass
				-30	120	7.596	0.0029	-2.5 to 2.5	Pass
					120	3.219	0.0012	-2.5 to 2.5	Pass
					120	2.146	0.0008	-2.5 to 2.5	Pass
				-10	120	1.645	0.0006	-2.5 to 2.5	Pass
					120	-1.473	-0.0006	-2.5 to 2.5	Pass
					120	0.229	0.0001	-2.5 to 2.5	Pass
				0	120	0.830	0.0003	-2.5 to 2.5	Pass
					120	-1.173	-0.0005	-2.5 to 2.5	Pass
					120	-1.173	-0.0005	-2.5 to 2.5	Pass
	2617.5	25	0	20	102	4.191	0.0016	-2.5 to 2.5	Pass
					120	1.073	0.0004	-2.5 to 2.5	Pass
					138	5.479	0.0021	-2.5 to 2.5	Pass
				-30	120	1.001	0.0004	-2.5 to 2.5	Pass
					120	2.432	0.0009	-2.5 to 2.5	Pass
					120	4.148	0.0016	-2.5 to 2.5	Pass
				-10	120	8.969	0.0034	-2.5 to 2.5	Pass
					120	2.961	0.0011	-2.5 to 2.5	Pass
					120	0.529	0.0002	-2.5 to 2.5	Pass
				0	120	8.383	0.0032	-2.5 to 2.5	Pass
					120	9.170	0.0035	-2.5 to 2.5	Pass
					120	9.170	0.0035	-2.5 to 2.5	Pass
16QAM	2572.5	25	0	20	102	3.133	0.0012	-2.5 to 2.5	Pass
					120	2.589	0.0010	-2.5 to 2.5	Pass
					138	1.373	0.0005	-2.5 to 2.5	Pass

				-30	120	-0.644	-0.0003	-2.5 to 2.5	Pass
				-20	120	0.615	0.0002	-2.5 to 2.5	Pass
				-10	120	-3.061	-0.0012	-2.5 to 2.5	Pass
				0	120	-6.652	-0.0026	-2.5 to 2.5	Pass
				10	120	-4.578	-0.0018	-2.5 to 2.5	Pass
				30	120	0.587	0.0002	-2.5 to 2.5	Pass
				40	120	1.187	0.0005	-2.5 to 2.5	Pass
				50	120	0.072	0.0000	-2.5 to 2.5	Pass
	2595	25	0	20	102	-1.001	-0.0004	-2.5 to 2.5	Pass
					120	1.817	0.0007	-2.5 to 2.5	Pass
					138	2.632	0.0010	-2.5 to 2.5	Pass
				-30	120	-0.730	-0.0003	-2.5 to 2.5	Pass
				-20	120	6.266	0.0024	-2.5 to 2.5	Pass
				-10	120	1.087	0.0004	-2.5 to 2.5	Pass
				0	120	0.873	0.0003	-2.5 to 2.5	Pass
				10	120	-6.065	-0.0023	-2.5 to 2.5	Pass
				30	120	-6.294	-0.0024	-2.5 to 2.5	Pass
				40	120	2.203	0.0008	-2.5 to 2.5	Pass
				50	120	0.901	0.0003	-2.5 to 2.5	Pass
				20	102	-0.114	0.0000	-2.5 to 2.5	Pass
					120	2.360	0.0009	-2.5 to 2.5	Pass
					138	1.574	0.0006	-2.5 to 2.5	Pass
64QAM	2617.5	25	0	-30	120	0.172	0.0001	-2.5 to 2.5	Pass
				-20	120	-0.243	-0.0001	-2.5 to 2.5	Pass
				-10	120	1.545	0.0006	-2.5 to 2.5	Pass
				0	120	3.891	0.0015	-2.5 to 2.5	Pass
				10	120	1.545	0.0006	-2.5 to 2.5	Pass
				30	120	3.462	0.0013	-2.5 to 2.5	Pass
				40	120	3.691	0.0014	-2.5 to 2.5	Pass
				50	120	0.772	0.0003	-2.5 to 2.5	Pass
	2572.5	25	0	20	102	7.696	0.0030	-2.5 to 2.5	Pass
					120	-0.172	-0.0001	-2.5 to 2.5	Pass
					138	6.094	0.0024	-2.5 to 2.5	Pass
				-30	120	6.366	0.0025	-2.5 to 2.5	Pass
				-20	120	0.029	0.0000	-2.5 to 2.5	Pass
				-10	120	0.386	0.0002	-2.5 to 2.5	Pass
				0	120	0.916	0.0004	-2.5 to 2.5	Pass
				10	120	0.887	0.0003	-2.5 to 2.5	Pass
				30	120	2.818	0.0011	-2.5 to 2.5	Pass
				40	120	1.516	0.0006	-2.5 to 2.5	Pass
				50	120	6.051	0.0024	-2.5 to 2.5	Pass
	2595	25	0	20	102	6.680	0.0026	-2.5 to 2.5	Pass
					120	6.638	0.0026	-2.5 to 2.5	Pass
					138	-1.445	-0.0006	-2.5 to 2.5	Pass
				-30	120	5.894	0.0023	-2.5 to 2.5	Pass
				-20	120	1.359	0.0005	-2.5 to 2.5	Pass
				-10	120	5.836	0.0022	-2.5 to 2.5	Pass
				0	120	5.665	0.0022	-2.5 to 2.5	Pass
				10	120	-0.772	-0.0003	-2.5 to 2.5	Pass
				30	120	4.377	0.0017	-2.5 to 2.5	Pass
				40	120	-1.645	-0.0006	-2.5 to 2.5	Pass
				50	120	7.825	0.0030	-2.5 to 2.5	Pass
	2617.5	25	0	20	102	1.173	0.0004	-2.5 to 2.5	Pass
					120	6.466	0.0025	-2.5 to 2.5	Pass
					138	-0.272	-0.0001	-2.5 to 2.5	Pass
				-30	120	0.715	0.0003	-2.5 to 2.5	Pass
				-20	120	7.696	0.0029	-2.5 to 2.5	Pass
				-10	120	-0.143	-0.0001	-2.5 to 2.5	Pass

				0	120	5.078	0.0019	-2.5 to 2.5	Pass
				10	120	5.507	0.0021	-2.5 to 2.5	Pass
				30	120	8.497	0.0032	-2.5 to 2.5	Pass
				40	120	4.334	0.0017	-2.5 to 2.5	Pass
				50	120	7.424	0.0028	-2.5 to 2.5	Pass

2.2 B38_10MHz

2.2.1 Test Result

Band: 38 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2575	50	0	20	102	8.655	0.0034	-2.5 to 2.5	Pass
					120	3.347	0.0013	-2.5 to 2.5	Pass
					138	5.007	0.0019	-2.5 to 2.5	Pass
				-30	120	7.639	0.0030	-2.5 to 2.5	Pass
				-20	120	9.570	0.0037	-2.5 to 2.5	Pass
				-10	120	3.505	0.0014	-2.5 to 2.5	Pass
				0	120	10.185	0.0040	-2.5 to 2.5	Pass
				10	120	5.050	0.0020	-2.5 to 2.5	Pass
				30	120	1.330	0.0005	-2.5 to 2.5	Pass
				40	120	4.435	0.0017	-2.5 to 2.5	Pass
				50	120	4.749	0.0018	-2.5 to 2.5	Pass
	2595	50	0	20	102	6.609	0.0025	-2.5 to 2.5	Pass
					120	-1.116	-0.0004	-2.5 to 2.5	Pass
					138	0.601	0.0002	-2.5 to 2.5	Pass
				-30	120	4.492	0.0017	-2.5 to 2.5	Pass
				-20	120	3.319	0.0013	-2.5 to 2.5	Pass
				-10	120	6.666	0.0026	-2.5 to 2.5	Pass
				0	120	-1.731	-0.0007	-2.5 to 2.5	Pass
				10	120	3.533	0.0014	-2.5 to 2.5	Pass
				30	120	3.877	0.0015	-2.5 to 2.5	Pass
				40	120	0.300	0.0001	-2.5 to 2.5	Pass
				50	120	2.289	0.0009	-2.5 to 2.5	Pass
	2615	50	0	20	102	10.242	0.0039	-2.5 to 2.5	Pass
					120	2.732	0.0010	-2.5 to 2.5	Pass
					138	8.512	0.0033	-2.5 to 2.5	Pass
				-30	120	11.444	0.0044	-2.5 to 2.5	Pass
				-20	120	11.344	0.0043	-2.5 to 2.5	Pass
				-10	120	10.142	0.0039	-2.5 to 2.5	Pass
				0	120	2.918	0.0011	-2.5 to 2.5	Pass
				10	120	3.862	0.0015	-2.5 to 2.5	Pass
				30	120	9.084	0.0035	-2.5 to 2.5	Pass
				40	120	11.759	0.0045	-2.5 to 2.5	Pass
				50	120	4.249	0.0016	-2.5 to 2.5	Pass
16QAM	2575	50	0	20	102	5.665	0.0022	-2.5 to 2.5	Pass
					120	2.832	0.0011	-2.5 to 2.5	Pass
					138	4.892	0.0019	-2.5 to 2.5	Pass
				-30	120	6.838	0.0027	-2.5 to 2.5	Pass
				-20	120	6.366	0.0025	-2.5 to 2.5	Pass
				-10	120	1.774	0.0007	-2.5 to 2.5	Pass
				0	120	7.353	0.0029	-2.5 to 2.5	Pass
				10	120	7.496	0.0029	-2.5 to 2.5	Pass
				30	120	4.606	0.0018	-2.5 to 2.5	Pass

				40	120	2.418	0.0009	-2.5 to 2.5	Pass
				50	120	6.208	0.0024	-2.5 to 2.5	Pass
	2595	50	0	20	102	-0.658	-0.0003	-2.5 to 2.5	Pass
					120	-1.388	-0.0005	-2.5 to 2.5	Pass
					138	-0.887	-0.0003	-2.5 to 2.5	Pass
				-30	120	-2.217	-0.0009	-2.5 to 2.5	Pass
				-20	120	0.429	0.0002	-2.5 to 2.5	Pass
				-10	120	-1.030	-0.0004	-2.5 to 2.5	Pass
				0	120	2.060	0.0008	-2.5 to 2.5	Pass
				10	120	-2.232	-0.0009	-2.5 to 2.5	Pass
				30	120	1.445	0.0006	-2.5 to 2.5	Pass
				40	120	0.401	0.0002	-2.5 to 2.5	Pass
				50	120	0.157	0.0001	-2.5 to 2.5	Pass
	2615	50	0	20	102	4.649	0.0018	-2.5 to 2.5	Pass
					120	6.080	0.0023	-2.5 to 2.5	Pass
					138	4.420	0.0017	-2.5 to 2.5	Pass
				-30	120	5.379	0.0021	-2.5 to 2.5	Pass
				-20	120	5.279	0.0020	-2.5 to 2.5	Pass
				-10	120	5.536	0.0021	-2.5 to 2.5	Pass
				0	120	1.459	0.0006	-2.5 to 2.5	Pass
				10	120	6.609	0.0025	-2.5 to 2.5	Pass
				30	120	3.891	0.0015	-2.5 to 2.5	Pass
				40	120	3.891	0.0015	-2.5 to 2.5	Pass
				50	120	1.917	0.0007	-2.5 to 2.5	Pass
64QAM	2575	50	0	20	102	9.284	0.0036	-2.5 to 2.5	Pass
					120	8.025	0.0031	-2.5 to 2.5	Pass
					138	10.600	0.0041	-2.5 to 2.5	Pass
				-30	120	9.913	0.0038	-2.5 to 2.5	Pass
				-20	120	10.600	0.0041	-2.5 to 2.5	Pass
				-10	120	8.626	0.0033	-2.5 to 2.5	Pass
				0	120	2.561	0.0010	-2.5 to 2.5	Pass
				10	120	5.565	0.0022	-2.5 to 2.5	Pass
				30	120	9.670	0.0038	-2.5 to 2.5	Pass
				40	120	5.865	0.0023	-2.5 to 2.5	Pass
				50	120	5.522	0.0021	-2.5 to 2.5	Pass
	2595	50	0	20	102	-0.257	-0.0001	-2.5 to 2.5	Pass
					120	5.379	0.0021	-2.5 to 2.5	Pass
					138	0.129	0.0000	-2.5 to 2.5	Pass
				-30	120	2.518	0.0010	-2.5 to 2.5	Pass
				-20	120	1.888	0.0007	-2.5 to 2.5	Pass
				-10	120	3.033	0.0012	-2.5 to 2.5	Pass
				0	120	-0.987	-0.0004	-2.5 to 2.5	Pass
				10	120	0.515	0.0002	-2.5 to 2.5	Pass
				30	120	6.509	0.0025	-2.5 to 2.5	Pass
				40	120	3.533	0.0014	-2.5 to 2.5	Pass
				50	120	-0.601	-0.0002	-2.5 to 2.5	Pass
	2615	50	0	20	102	11.845	0.0045	-2.5 to 2.5	Pass
					120	4.406	0.0017	-2.5 to 2.5	Pass
					138	3.948	0.0015	-2.5 to 2.5	Pass
				-30	120	5.751	0.0022	-2.5 to 2.5	Pass
				-20	120	12.274	0.0047	-2.5 to 2.5	Pass
				-10	120	4.764	0.0018	-2.5 to 2.5	Pass
				0	120	11.616	0.0044	-2.5 to 2.5	Pass
				10	120	12.774	0.0049	-2.5 to 2.5	Pass
				30	120	6.294	0.0024	-2.5 to 2.5	Pass
				40	120	4.864	0.0019	-2.5 to 2.5	Pass
				50	120	10.514	0.0040	-2.5 to 2.5	Pass

2.3 B38_15MHz

2.3.1 Test Result

Band: 38 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2577.5	75	0	20	102	8.926	0.0035	-2.5 to 2.5	Pass
					120	4.807	0.0019	-2.5 to 2.5	Pass
					138	5.636	0.0022	-2.5 to 2.5	Pass
				-30	120	9.999	0.0039	-2.5 to 2.5	Pass
				-20	120	8.984	0.0035	-2.5 to 2.5	Pass
				-10	120	7.195	0.0028	-2.5 to 2.5	Pass
				0	120	10.786	0.0042	-2.5 to 2.5	Pass
				10	120	9.112	0.0035	-2.5 to 2.5	Pass
				30	120	5.093	0.0020	-2.5 to 2.5	Pass
				40	120	10.614	0.0041	-2.5 to 2.5	Pass
				50	120	3.390	0.0013	-2.5 to 2.5	Pass
	2595	75	0	20	102	5.836	0.0022	-2.5 to 2.5	Pass
					120	3.777	0.0015	-2.5 to 2.5	Pass
					138	4.878	0.0019	-2.5 to 2.5	Pass
				-30	120	-0.615	-0.0002	-2.5 to 2.5	Pass
				-20	120	-1.287	-0.0005	-2.5 to 2.5	Pass
				-10	120	6.137	0.0024	-2.5 to 2.5	Pass
				0	120	1.702	0.0007	-2.5 to 2.5	Pass
				10	120	6.251	0.0024	-2.5 to 2.5	Pass
				30	120	-3.834	-0.0015	-2.5 to 2.5	Pass
				40	120	7.038	0.0027	-2.5 to 2.5	Pass
				50	120	-0.772	-0.0003	-2.5 to 2.5	Pass
	2612.5	75	0	20	102	3.462	0.0013	-2.5 to 2.5	Pass
					120	7.882	0.0030	-2.5 to 2.5	Pass
					138	2.704	0.0010	-2.5 to 2.5	Pass
				-30	120	6.151	0.0024	-2.5 to 2.5	Pass
				-20	120	10.772	0.0041	-2.5 to 2.5	Pass
				-10	120	3.061	0.0012	-2.5 to 2.5	Pass
				0	120	7.410	0.0028	-2.5 to 2.5	Pass
				10	120	1.731	0.0007	-2.5 to 2.5	Pass
				30	120	8.698	0.0033	-2.5 to 2.5	Pass
				40	120	8.311	0.0032	-2.5 to 2.5	Pass
				50	120	2.117	0.0008	-2.5 to 2.5	Pass
16QAM	2577.5	75	0	20	102	2.775	0.0011	-2.5 to 2.5	Pass
					120	2.074	0.0008	-2.5 to 2.5	Pass
					138	2.789	0.0011	-2.5 to 2.5	Pass
				-30	120	2.561	0.0010	-2.5 to 2.5	Pass
				-20	120	2.117	0.0008	-2.5 to 2.5	Pass
				-10	120	4.091	0.0016	-2.5 to 2.5	Pass
				0	120	3.490	0.0014	-2.5 to 2.5	Pass
				10	120	4.721	0.0018	-2.5 to 2.5	Pass
				30	120	2.718	0.0011	-2.5 to 2.5	Pass
				40	120	5.450	0.0021	-2.5 to 2.5	Pass
				50	120	3.433	0.0013	-2.5 to 2.5	Pass
	2595	75	0	20	102	-2.704	-0.0010	-2.5 to 2.5	Pass
					120	-1.874	-0.0007	-2.5 to 2.5	Pass
					138	-3.147	-0.0012	-2.5 to 2.5	Pass

64QAM	2612.5	75	0	-30	120	-3.490	-0.0013	-2.5 to 2.5	Pass
				-20	120	-0.758	-0.0003	-2.5 to 2.5	Pass
				-10	120	0.629	0.0002	-2.5 to 2.5	Pass
				0	120	-1.974	-0.0008	-2.5 to 2.5	Pass
				10	120	1.645	0.0006	-2.5 to 2.5	Pass
				30	120	-1.402	-0.0005	-2.5 to 2.5	Pass
				40	120	-0.300	-0.0001	-2.5 to 2.5	Pass
				50	120	-3.405	-0.0013	-2.5 to 2.5	Pass
	2577.5	75	0	20	102	3.247	0.0012	-2.5 to 2.5	Pass
					120	4.950	0.0019	-2.5 to 2.5	Pass
					138	1.273	0.0005	-2.5 to 2.5	Pass
				-30	120	-2.532	-0.0010	-2.5 to 2.5	Pass
				-20	120	-0.501	-0.0002	-2.5 to 2.5	Pass
				-10	120	2.561	0.0010	-2.5 to 2.5	Pass
				0	120	4.649	0.0018	-2.5 to 2.5	Pass
				10	120	1.559	0.0006	-2.5 to 2.5	Pass
				30	120	-0.401	-0.0002	-2.5 to 2.5	Pass
				40	120	0.501	0.0002	-2.5 to 2.5	Pass
				50	120	2.275	0.0009	-2.5 to 2.5	Pass
				20	102	6.065	0.0024	-2.5 to 2.5	Pass
					120	10.915	0.0042	-2.5 to 2.5	Pass
					138	6.237	0.0024	-2.5 to 2.5	Pass
				-30	120	11.315	0.0044	-2.5 to 2.5	Pass
				-20	120	11.487	0.0045	-2.5 to 2.5	Pass
				-10	120	5.322	0.0021	-2.5 to 2.5	Pass
				0	120	4.148	0.0016	-2.5 to 2.5	Pass
				10	120	6.166	0.0024	-2.5 to 2.5	Pass
				30	120	11.029	0.0043	-2.5 to 2.5	Pass
				40	120	5.021	0.0019	-2.5 to 2.5	Pass
				50	120	7.038	0.0027	-2.5 to 2.5	Pass
	2595	75	0	20	102	-2.189	-0.0008	-2.5 to 2.5	Pass
					120	-1.502	-0.0006	-2.5 to 2.5	Pass
					138	3.519	0.0014	-2.5 to 2.5	Pass
				-30	120	6.709	0.0026	-2.5 to 2.5	Pass
				-20	120	6.809	0.0026	-2.5 to 2.5	Pass
				-10	120	-0.515	-0.0002	-2.5 to 2.5	Pass
				0	120	6.151	0.0024	-2.5 to 2.5	Pass
				10	120	5.221	0.0020	-2.5 to 2.5	Pass
				30	120	-2.532	-0.0010	-2.5 to 2.5	Pass
				40	120	0.787	0.0003	-2.5 to 2.5	Pass
				50	120	5.951	0.0023	-2.5 to 2.5	Pass
				20	102	5.064	0.0019	-2.5 to 2.5	Pass
					120	10.514	0.0040	-2.5 to 2.5	Pass
					138	10.171	0.0039	-2.5 to 2.5	Pass
				-30	120	7.524	0.0029	-2.5 to 2.5	Pass
				-20	120	11.687	0.0045	-2.5 to 2.5	Pass
				-10	120	4.277	0.0016	-2.5 to 2.5	Pass
				0	120	0.644	0.0002	-2.5 to 2.5	Pass
				10	120	11.330	0.0043	-2.5 to 2.5	Pass
				30	120	1.187	0.0005	-2.5 to 2.5	Pass
				40	120	5.579	0.0021	-2.5 to 2.5	Pass
				50	120	3.891	0.0015	-2.5 to 2.5	Pass

2.4 B38_20MHz

2.4.1 Test Result

Band: 38 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2580	100	0	20	102	5.322	0.0021	-2.5 to 2.5	Pass
					120	1.030	0.0004	-2.5 to 2.5	Pass
					138	-1.488	-0.0006	-2.5 to 2.5	Pass
				-30	120	0.672	0.0003	-2.5 to 2.5	Pass
				-20	120	-2.604	-0.0010	-2.5 to 2.5	Pass
				-10	120	-2.503	-0.0010	-2.5 to 2.5	Pass
				0	120	5.336	0.0021	-2.5 to 2.5	Pass
				10	120	4.535	0.0018	-2.5 to 2.5	Pass
				30	120	5.507	0.0021	-2.5 to 2.5	Pass
				40	120	4.764	0.0018	-2.5 to 2.5	Pass
				50	120	0.014	0.0000	-2.5 to 2.5	Pass
	2595	100	0	20	102	2.303	0.0009	-2.5 to 2.5	Pass
					120	5.064	0.0020	-2.5 to 2.5	Pass
					138	4.406	0.0017	-2.5 to 2.5	Pass
				-30	120	-0.486	-0.0002	-2.5 to 2.5	Pass
				-20	120	2.031	0.0008	-2.5 to 2.5	Pass
				-10	120	-1.202	-0.0005	-2.5 to 2.5	Pass
				0	120	-1.774	-0.0007	-2.5 to 2.5	Pass
				10	120	-2.561	-0.0010	-2.5 to 2.5	Pass
				30	120	3.448	0.0013	-2.5 to 2.5	Pass
				40	120	3.905	0.0015	-2.5 to 2.5	Pass
				50	120	5.994	0.0023	-2.5 to 2.5	Pass
	2610	100	0	20	102	4.349	0.0017	-2.5 to 2.5	Pass
					120	-2.718	-0.0010	-2.5 to 2.5	Pass
					138	-2.189	-0.0008	-2.5 to 2.5	Pass
				-30	120	4.792	0.0018	-2.5 to 2.5	Pass
				-20	120	-2.546	-0.0010	-2.5 to 2.5	Pass
				-10	120	4.721	0.0018	-2.5 to 2.5	Pass
				0	120	5.565	0.0021	-2.5 to 2.5	Pass
				10	120	-0.715	-0.0003	-2.5 to 2.5	Pass
				30	120	-0.472	-0.0002	-2.5 to 2.5	Pass
				40	120	-4.063	-0.0016	-2.5 to 2.5	Pass
16QAM	2580	100	0	20	102	-0.386	-0.0001	-2.5 to 2.5	Pass
					120	0.615	0.0002	-2.5 to 2.5	Pass
					138	-1.316	-0.0005	-2.5 to 2.5	Pass
				-30	120	-3.119	-0.0012	-2.5 to 2.5	Pass
				-20	120	-1.087	-0.0004	-2.5 to 2.5	Pass
				-10	120	2.017	0.0008	-2.5 to 2.5	Pass
				0	120	2.847	0.0011	-2.5 to 2.5	Pass
				10	120	-0.958	-0.0004	-2.5 to 2.5	Pass
				30	120	-0.615	-0.0002	-2.5 to 2.5	Pass
				40	120	-2.146	-0.0008	-2.5 to 2.5	Pass
				50	120	-0.501	-0.0002	-2.5 to 2.5	Pass
	2595	100	0	20	102	-2.775	-0.0011	-2.5 to 2.5	Pass
					120	-1.388	-0.0005	-2.5 to 2.5	Pass
					138	-3.734	-0.0014	-2.5 to 2.5	Pass
				-30	120	-3.576	-0.0014	-2.5 to 2.5	Pass
				-20	120	-4.420	-0.0017	-2.5 to 2.5	Pass
				-10	120	0.114	0.0000	-2.5 to 2.5	Pass
				0	120	-0.129	0.0000	-2.5 to 2.5	Pass
				10	120	2.131	0.0008	-2.5 to 2.5	Pass
				30	120	-1.130	-0.0004	-2.5 to 2.5	Pass
				40	120	-3.948	-0.0015	-2.5 to 2.5	Pass
				50	120	-7.954	-0.0031	-2.5 to 2.5	Pass

	2610	100	0	20	102	-3.076	-0.0012	-2.5 to 2.5	Pass
					120	-6.409	-0.0025	-2.5 to 2.5	Pass
					138	-0.830	-0.0003	-2.5 to 2.5	Pass
				-30	120	-6.466	-0.0025	-2.5 to 2.5	Pass
				-20	120	-10.157	-0.0039	-2.5 to 2.5	Pass
				-10	120	-0.014	0.0000	-2.5 to 2.5	Pass
				0	120	-9.599	-0.0037	-2.5 to 2.5	Pass
				10	120	-0.672	-0.0003	-2.5 to 2.5	Pass
				30	120	-4.320	-0.0017	-2.5 to 2.5	Pass
				40	120	-3.505	-0.0013	-2.5 to 2.5	Pass
				50	120	-0.415	-0.0002	-2.5 to 2.5	Pass
64QAM	2580	100	0	20	102	-1.917	-0.0007	-2.5 to 2.5	Pass
					120	-0.758	-0.0003	-2.5 to 2.5	Pass
					138	-2.189	-0.0008	-2.5 to 2.5	Pass
				-30	120	-0.229	-0.0001	-2.5 to 2.5	Pass
				-20	120	-0.587	-0.0002	-2.5 to 2.5	Pass
				-10	120	-2.503	-0.0010	-2.5 to 2.5	Pass
				0	120	5.164	0.0020	-2.5 to 2.5	Pass
				10	120	5.035	0.0020	-2.5 to 2.5	Pass
				30	120	1.645	0.0006	-2.5 to 2.5	Pass
				40	120	7.267	0.0028	-2.5 to 2.5	Pass
				50	120	7.181	0.0028	-2.5 to 2.5	Pass
	2595	100	0	20	102	-1.602	-0.0006	-2.5 to 2.5	Pass
					120	-1.001	-0.0004	-2.5 to 2.5	Pass
					138	-1.431	-0.0006	-2.5 to 2.5	Pass
				-30	120	-1.345	-0.0005	-2.5 to 2.5	Pass
				-20	120	6.738	0.0026	-2.5 to 2.5	Pass
				-10	120	5.379	0.0021	-2.5 to 2.5	Pass
				0	120	4.563	0.0018	-2.5 to 2.5	Pass
				10	120	7.138	0.0028	-2.5 to 2.5	Pass
				30	120	4.435	0.0017	-2.5 to 2.5	Pass
				40	120	-1.674	-0.0006	-2.5 to 2.5	Pass
				50	120	-2.346	-0.0009	-2.5 to 2.5	Pass
	2610	100	0	20	102	-1.731	-0.0007	-2.5 to 2.5	Pass
					120	-1.516	-0.0006	-2.5 to 2.5	Pass
					138	-0.644	-0.0002	-2.5 to 2.5	Pass
				-30	120	4.005	0.0015	-2.5 to 2.5	Pass
				-20	120	5.193	0.0020	-2.5 to 2.5	Pass
				-10	120	3.533	0.0014	-2.5 to 2.5	Pass
				0	120	5.007	0.0019	-2.5 to 2.5	Pass
				10	120	4.907	0.0019	-2.5 to 2.5	Pass
				30	120	8.168	0.0031	-2.5 to 2.5	Pass
				40	120	5.651	0.0022	-2.5 to 2.5	Pass
				50	120	5.908	0.0023	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

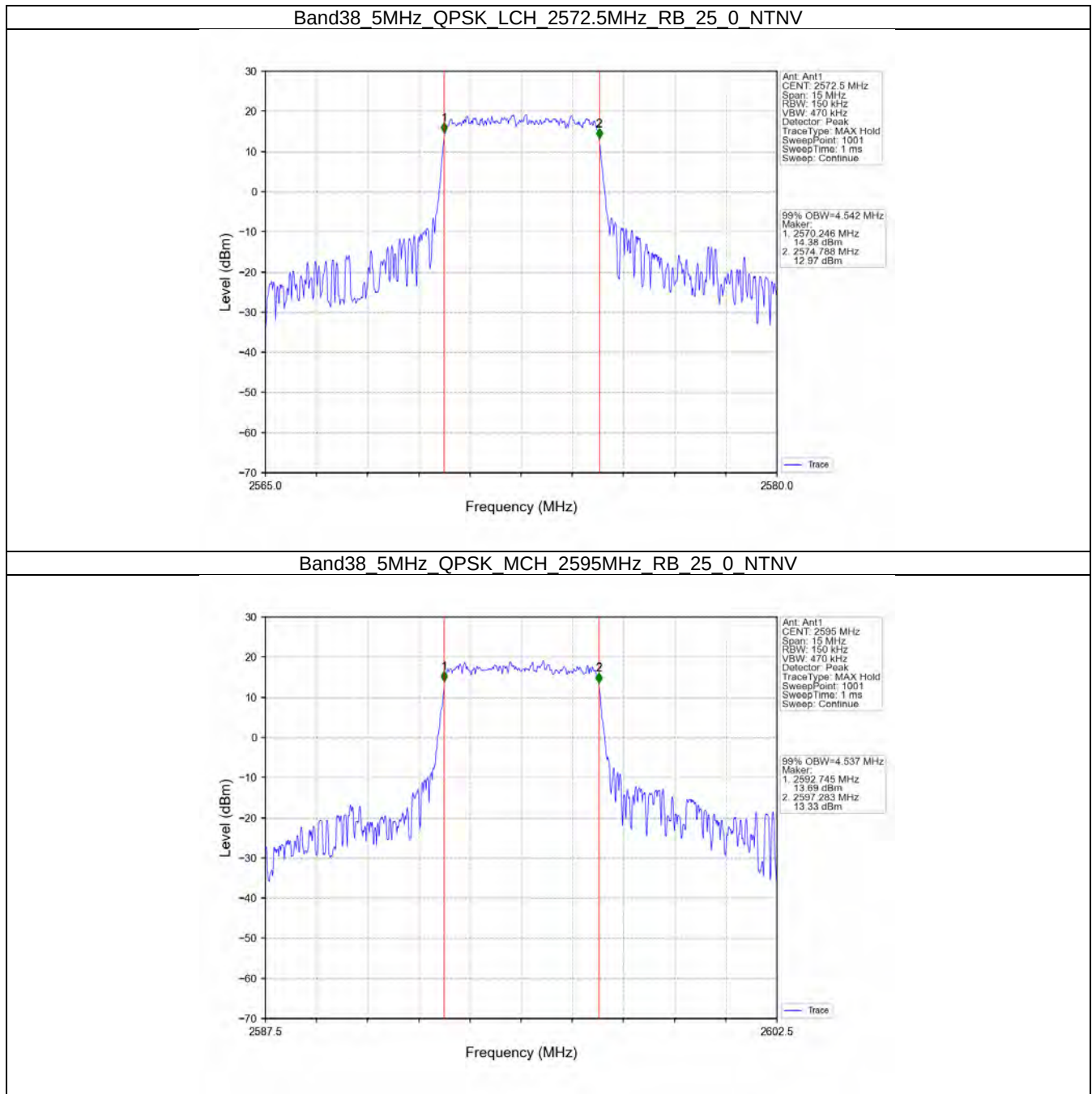
3.1 Band38_OBW

3.1.1 Test Result

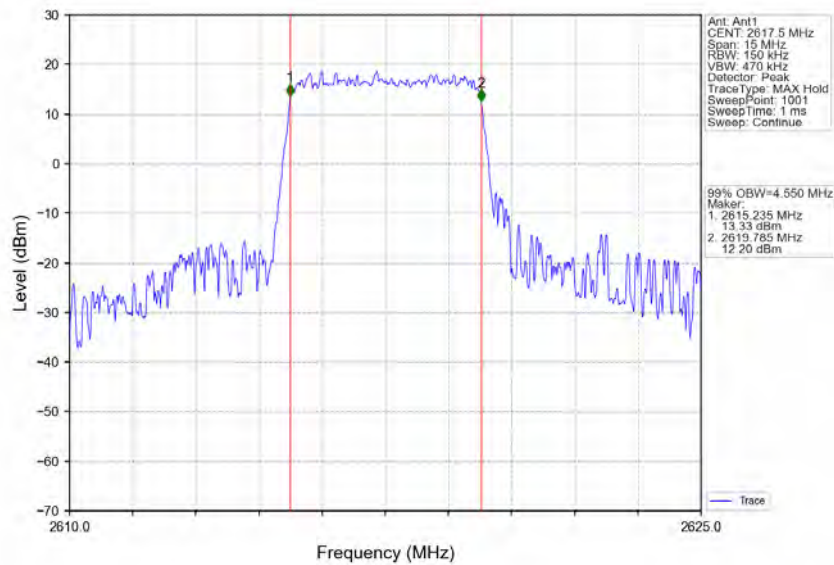
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	4.542	/	Pass

	16QAM	2595	25	0	4.537	/	Pass
		2617.5	25	0	4.550	/	Pass
		2572.5	25	0	4.553	/	Pass
		2595	25	0	4.573	/	Pass
	64QAM	2617.5	25	0	4.542	/	Pass
		2572.5	25	0	4.548	/	Pass
		2595	25	0	4.537	/	Pass
		2617.5	25	0	4.544	/	Pass
10	QPSK	2575	50	0	9.031	/	Pass
		2595	50	0	9.039	/	Pass
		2615	50	0	9.033	/	Pass
	16QAM	2575	50	0	9.051	/	Pass
		2595	50	0	9.031	/	Pass
		2615	50	0	9.031	/	Pass
	64QAM	2575	50	0	9.024	/	Pass
		2595	50	0	9.020	/	Pass
		2615	50	0	9.035	/	Pass
15	QPSK	2577.5	75	0	13.573	/	Pass
		2595	75	0	13.533	/	Pass
		2612.5	75	0	13.538	/	Pass
	16QAM	2577.5	75	0	13.600	/	Pass
		2595	75	0	13.572	/	Pass
		2612.5	75	0	13.642	/	Pass
	64QAM	2577.5	75	0	13.544	/	Pass
		2595	75	0	13.623	/	Pass
		2612.5	75	0	13.541	/	Pass
20	QPSK	2580	100	0	18.079	/	Pass
		2595	100	0	18.052	/	Pass
		2610	100	0	18.098	/	Pass
	16QAM	2580	100	0	18.020	/	Pass
		2595	100	0	18.024	/	Pass
		2610	100	0	18.091	/	Pass
	64QAM	2580	100	0	17.988	/	Pass
		2595	100	0	18.070	/	Pass
		2610	100	0	18.089	/	Pass

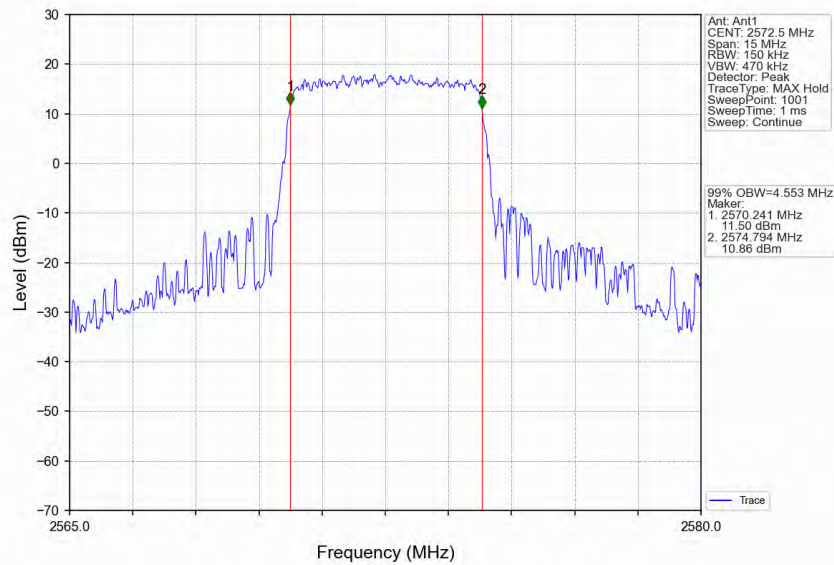
3.1.2 Test Graph



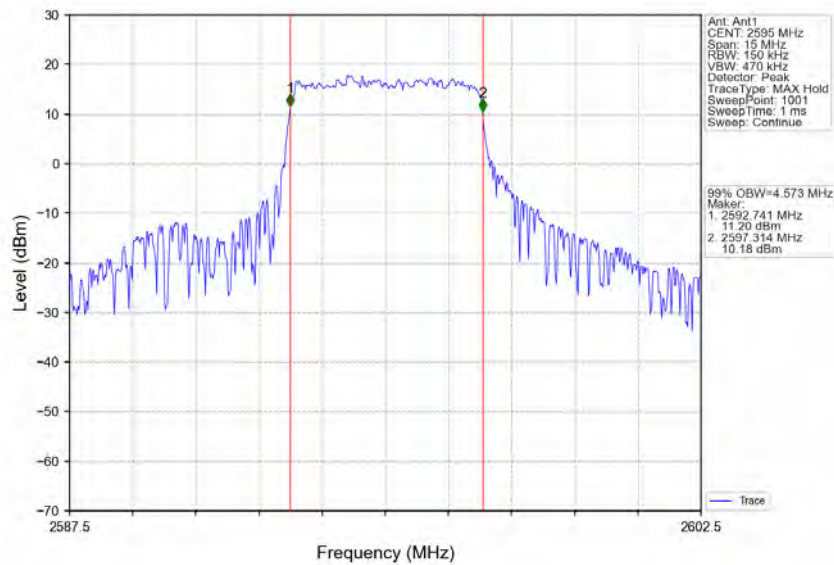
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



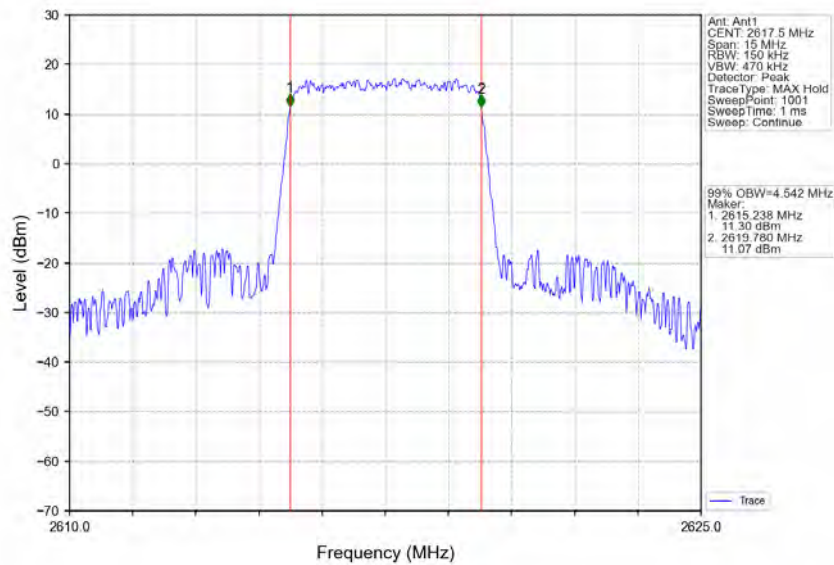
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



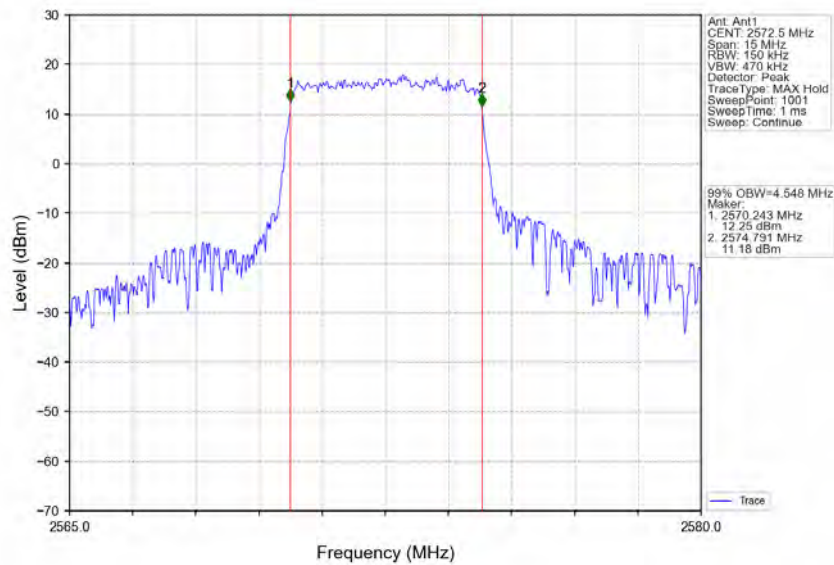
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



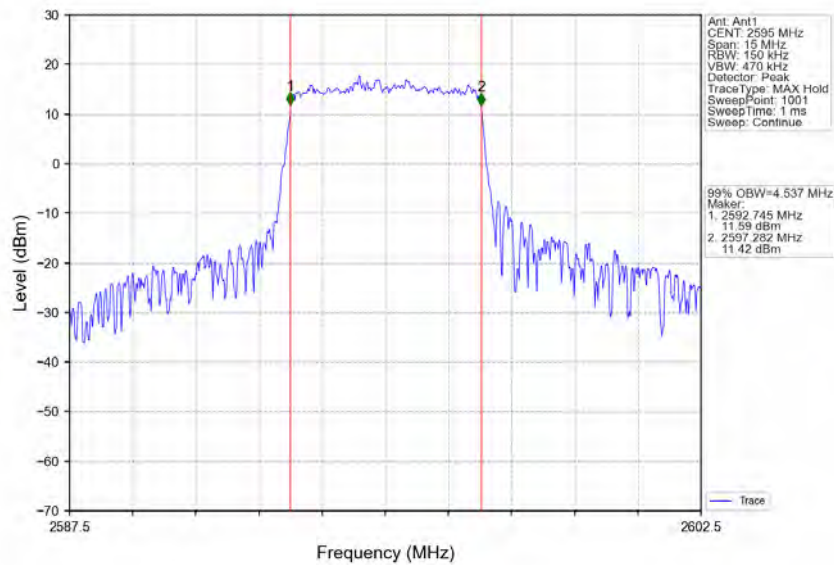
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



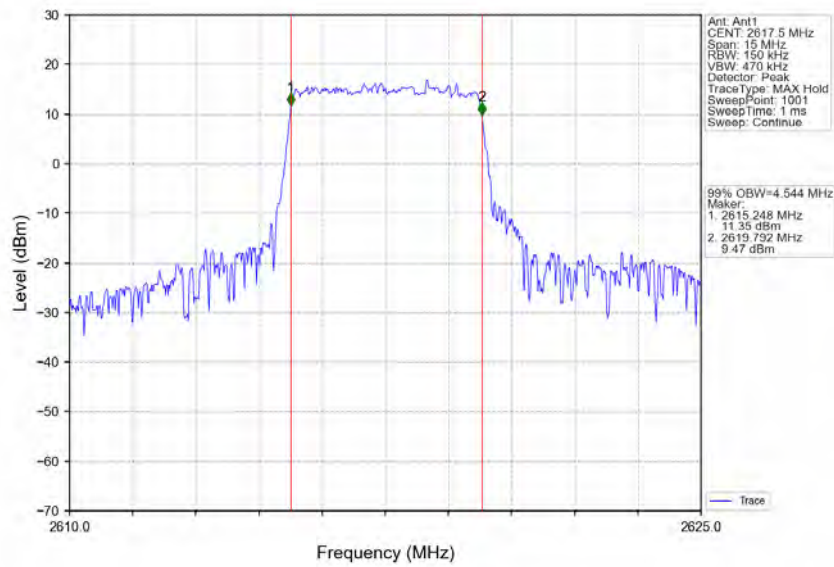
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV



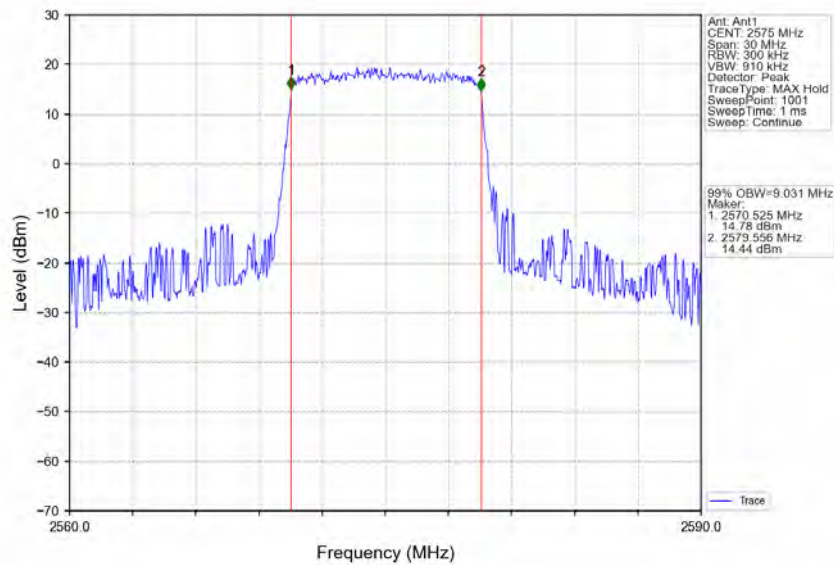
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



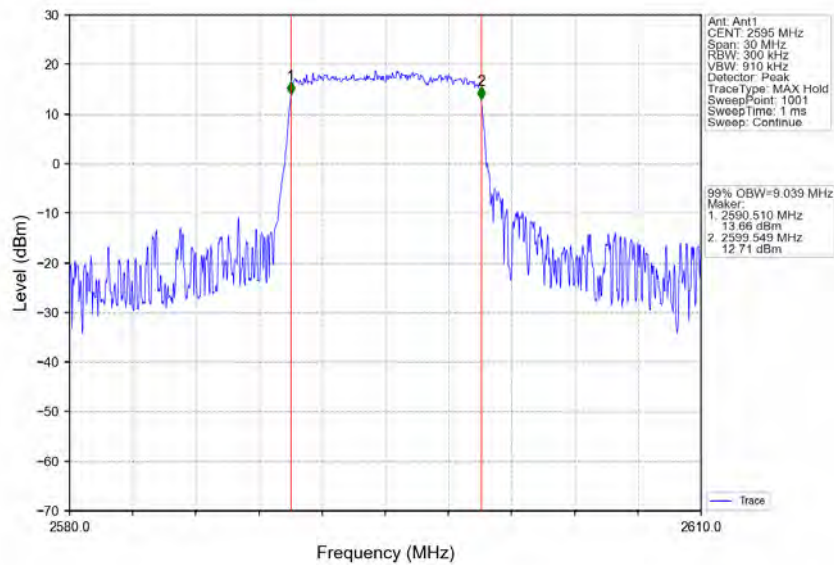
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



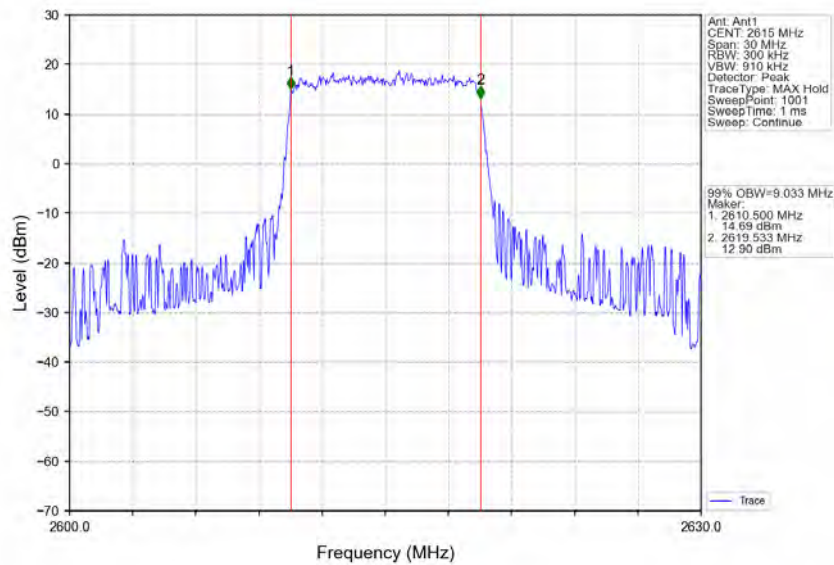
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



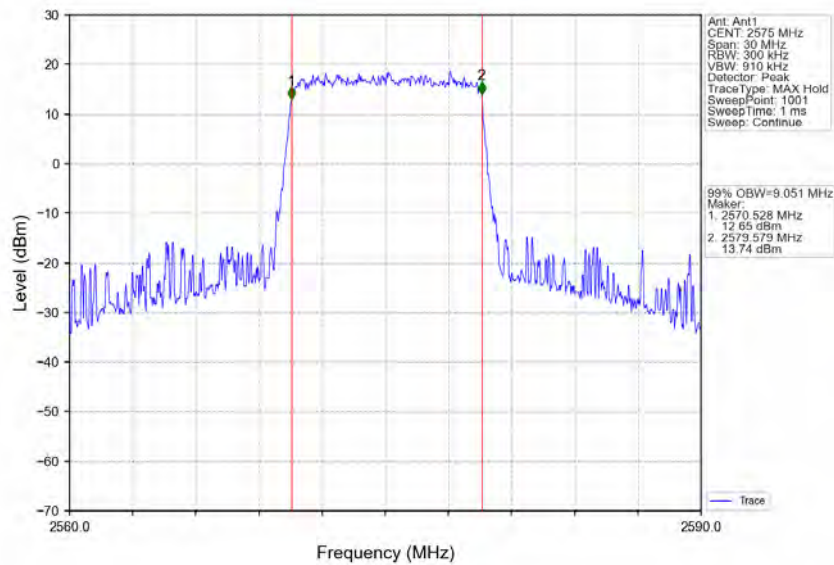
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



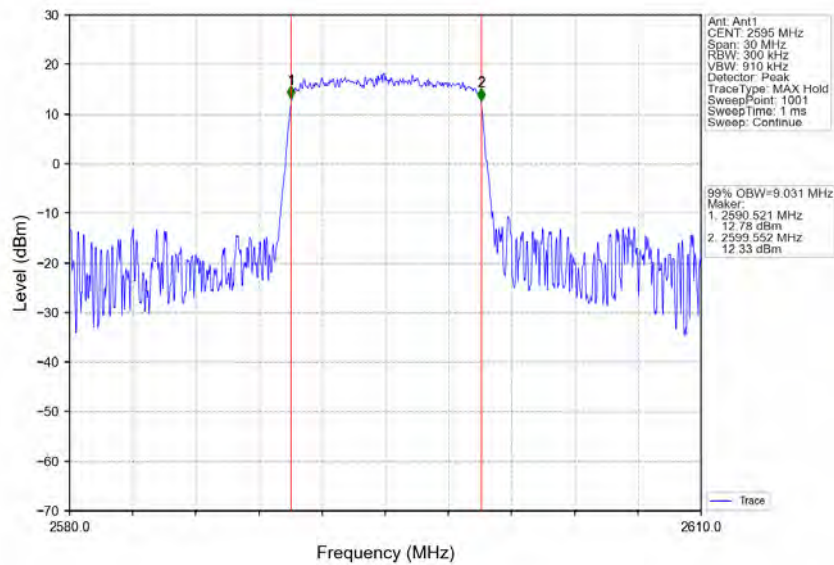
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



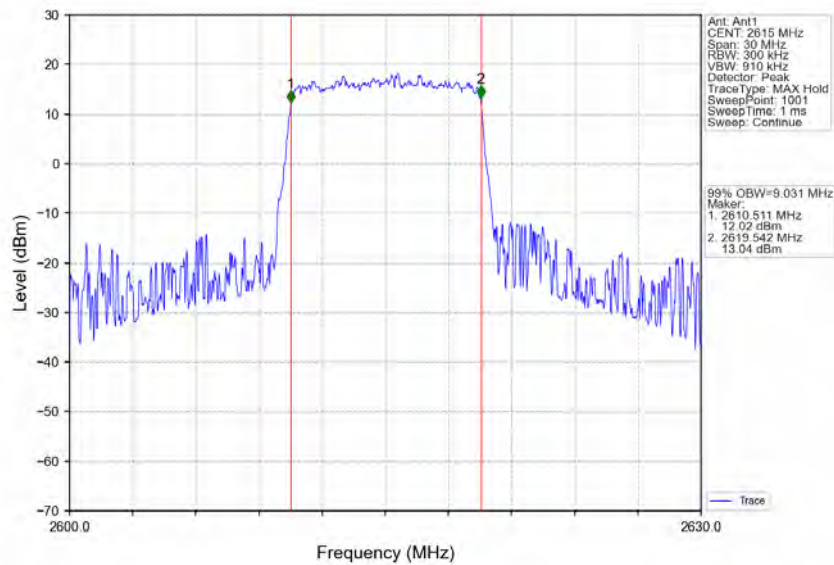
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



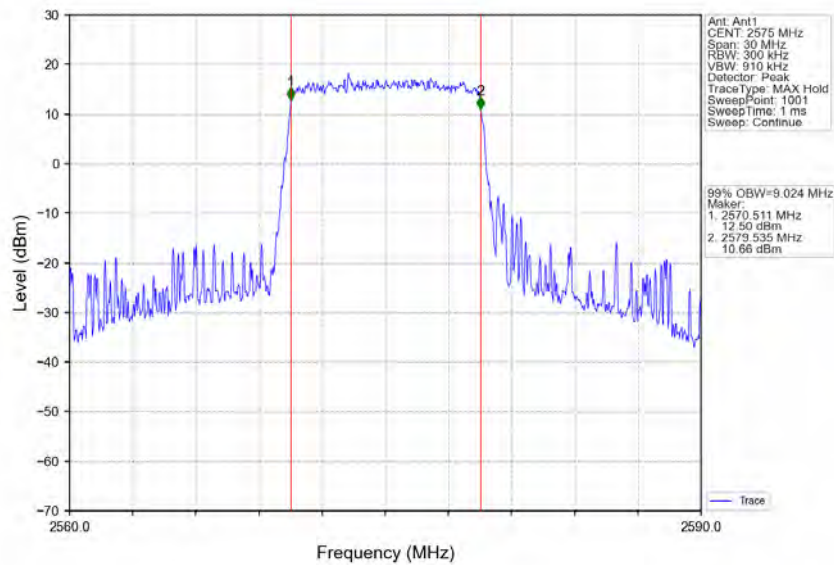
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



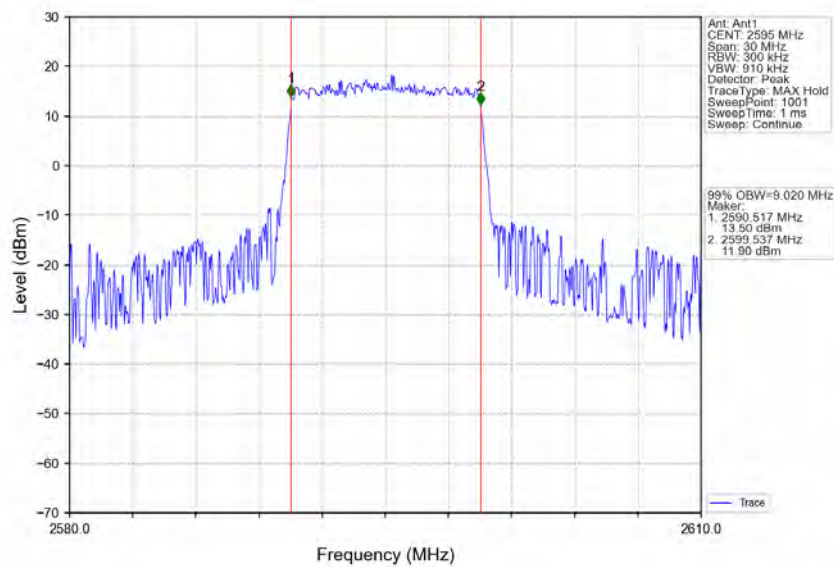
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



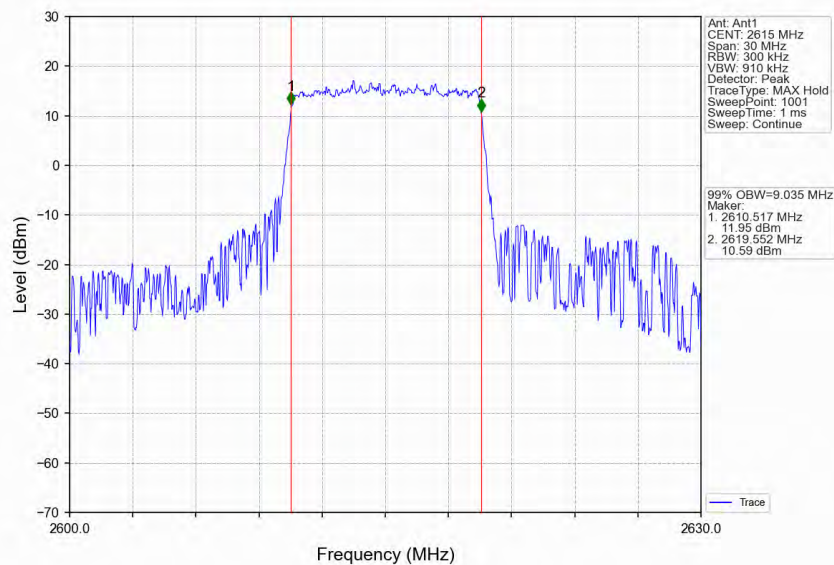
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



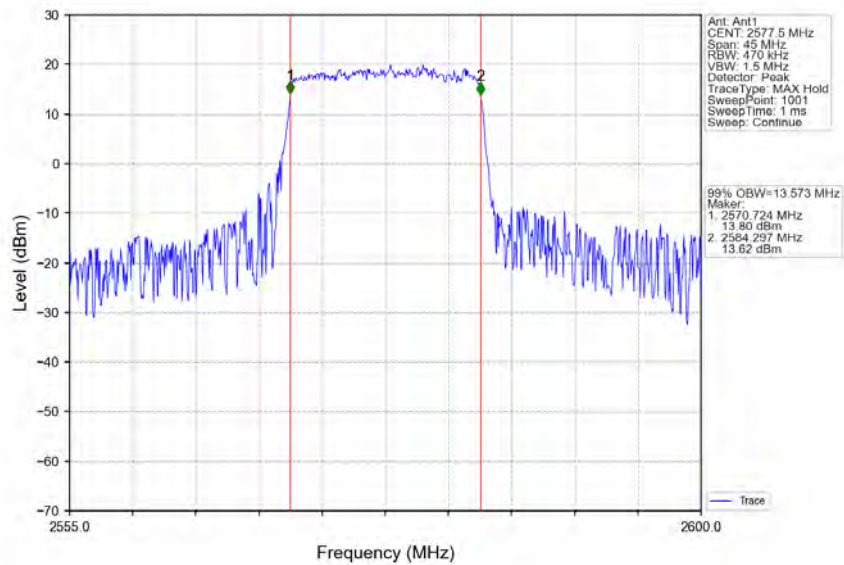
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



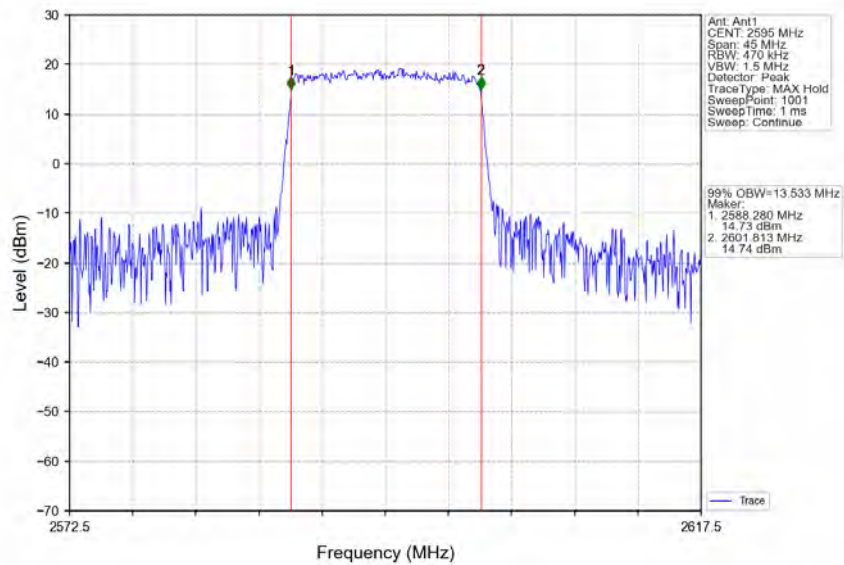
Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



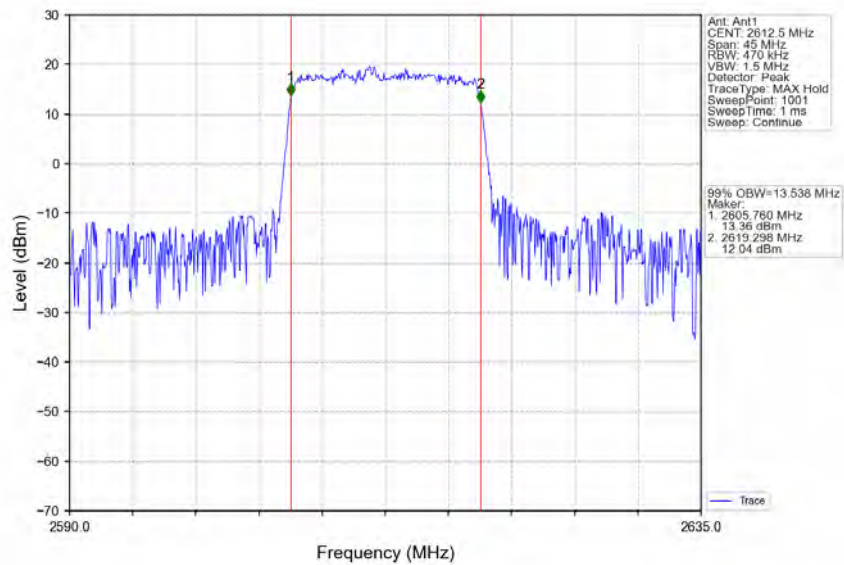
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



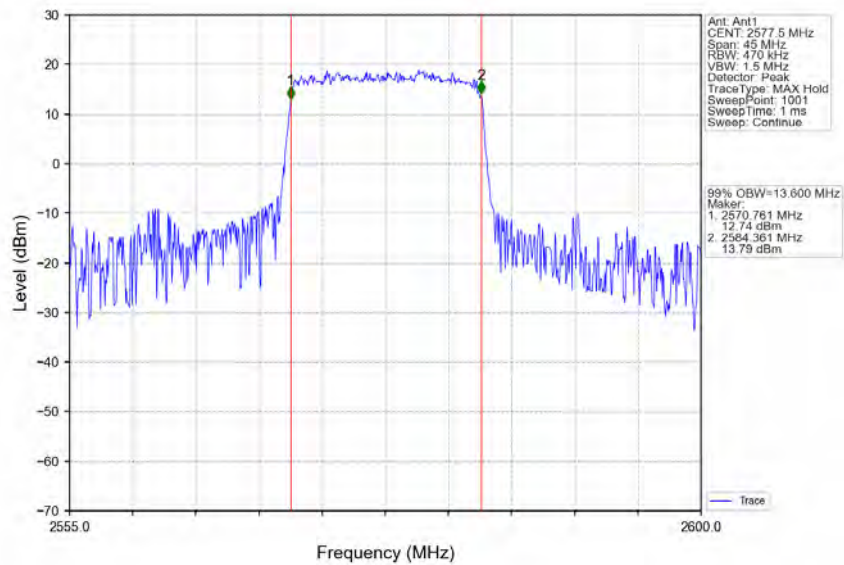
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



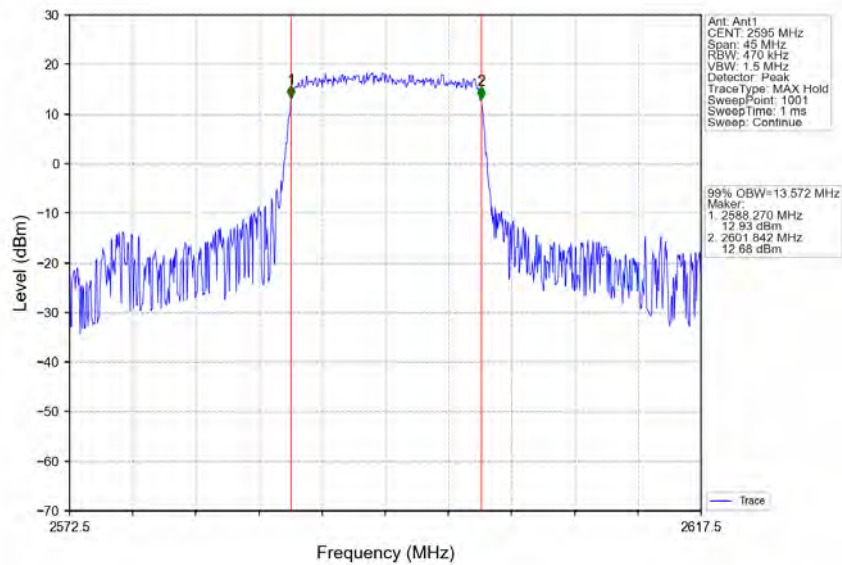
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



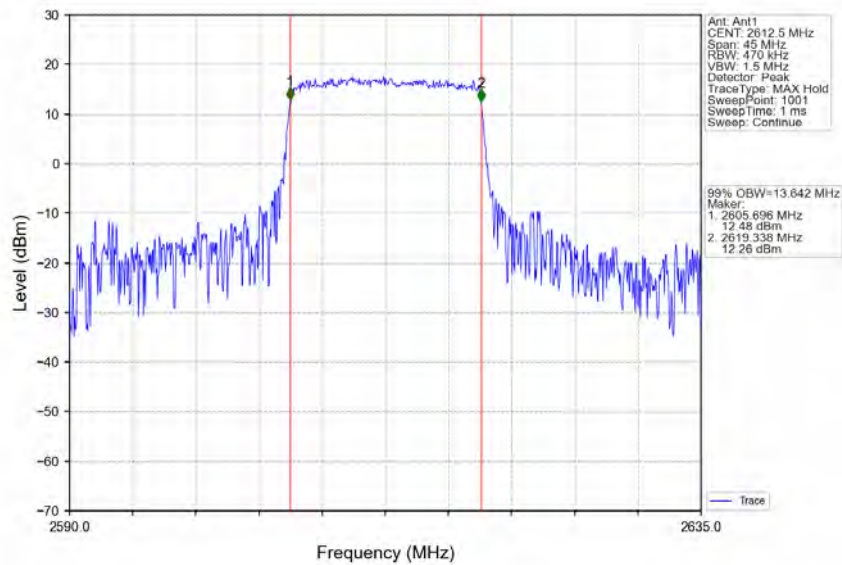
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



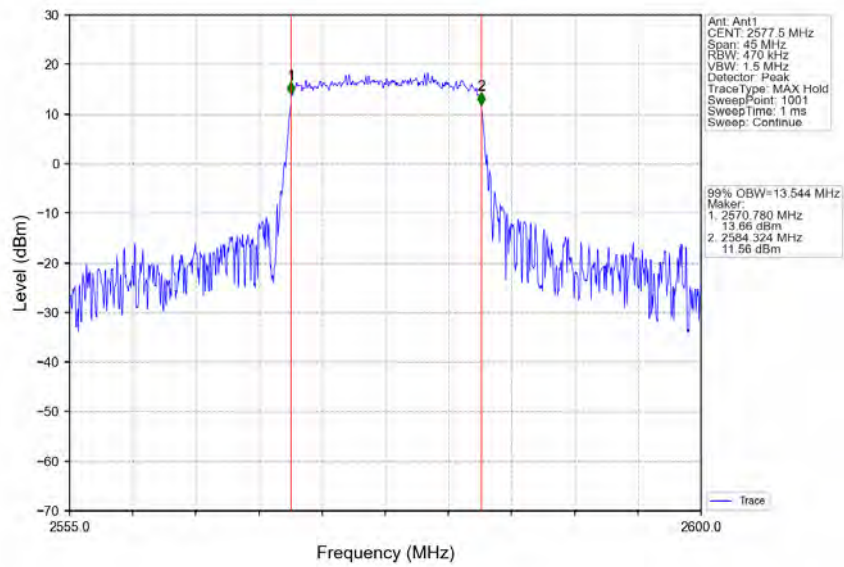
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



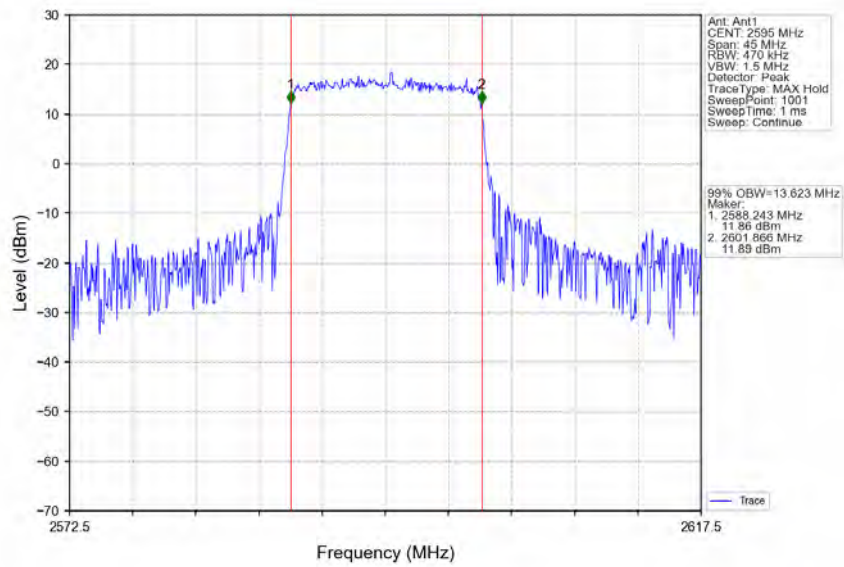
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



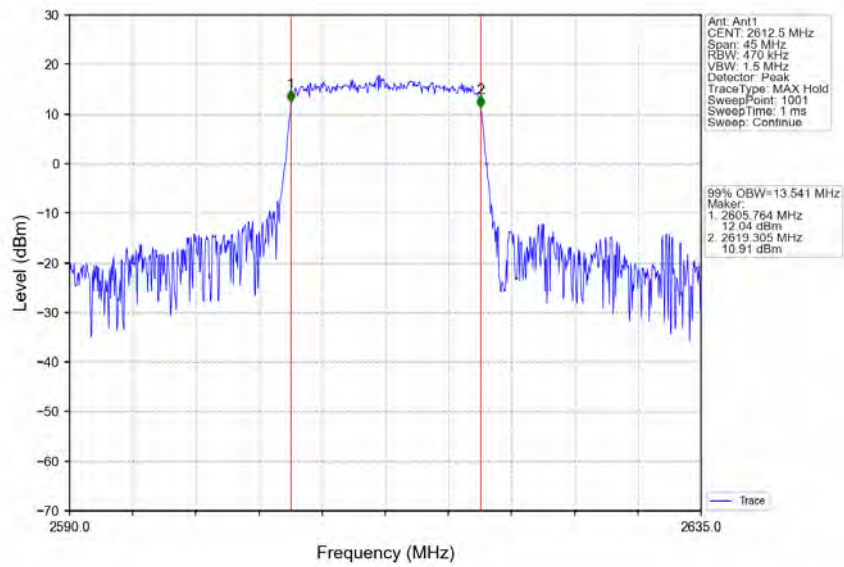
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



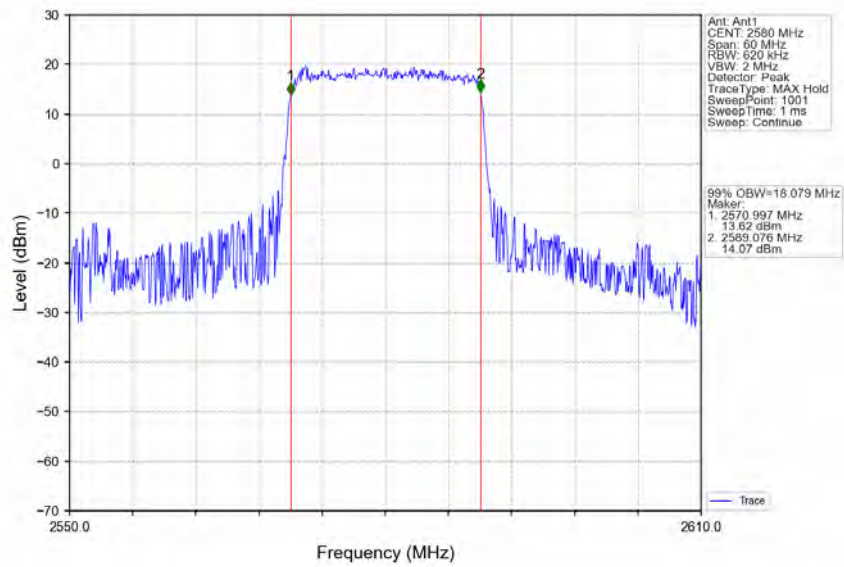
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



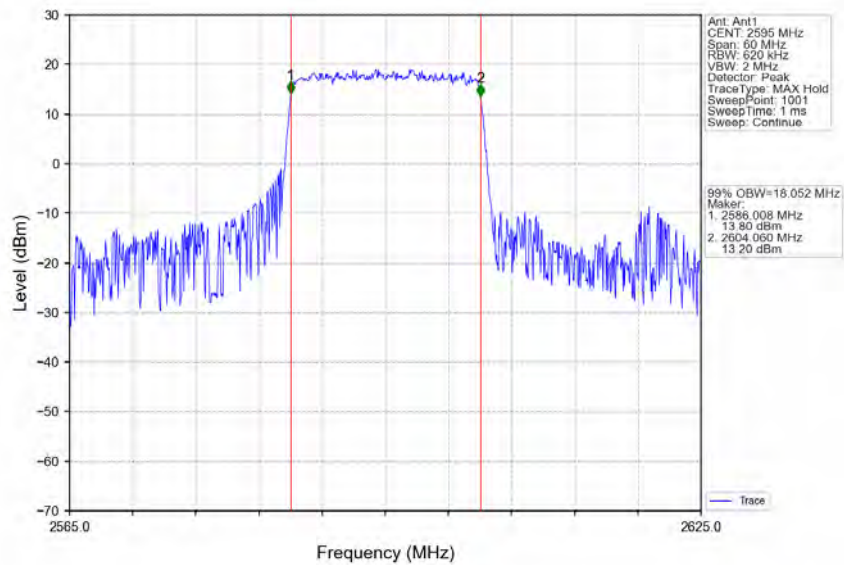
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV



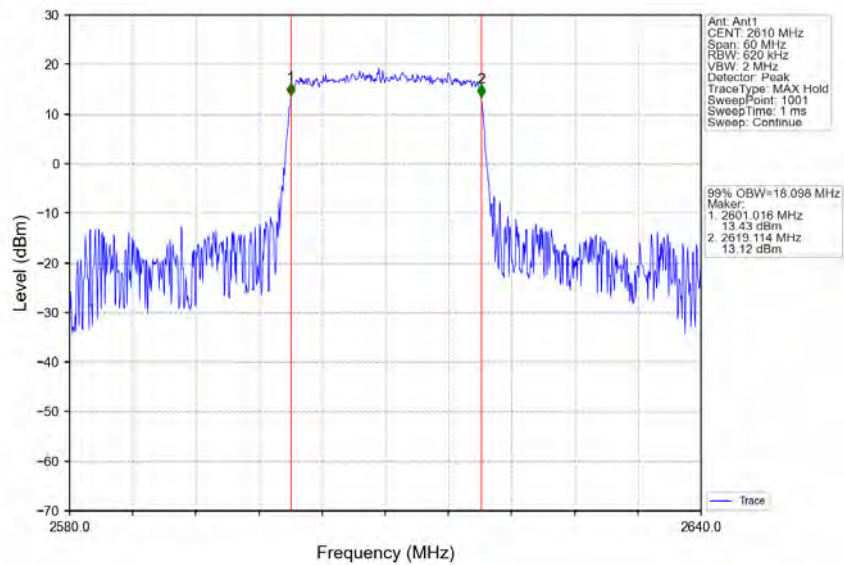
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



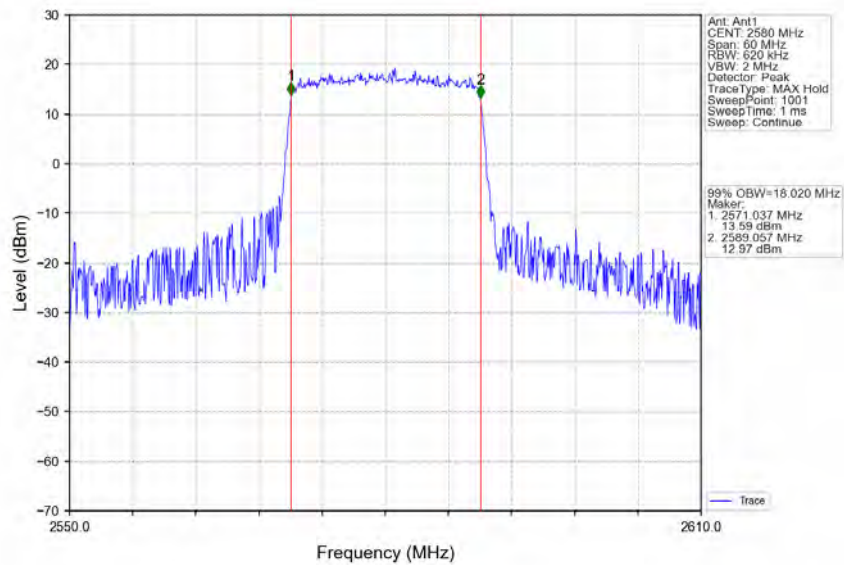
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



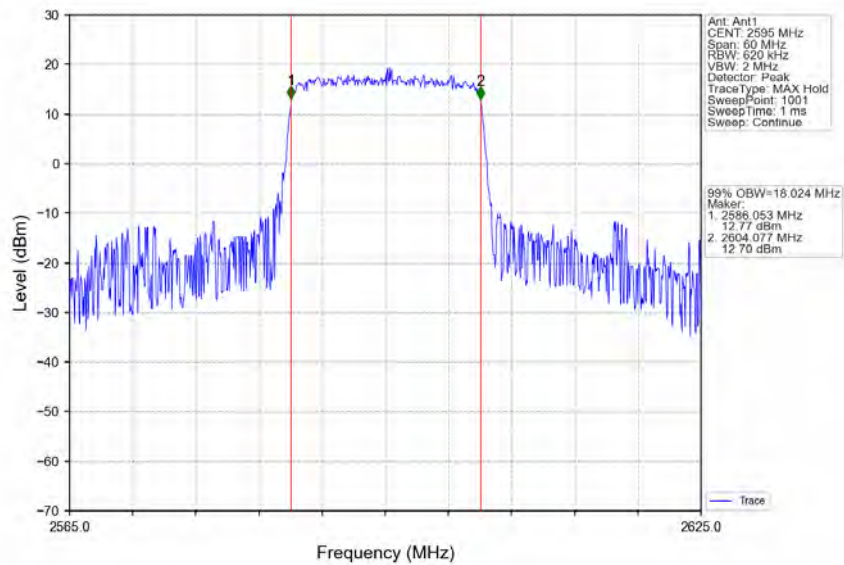
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



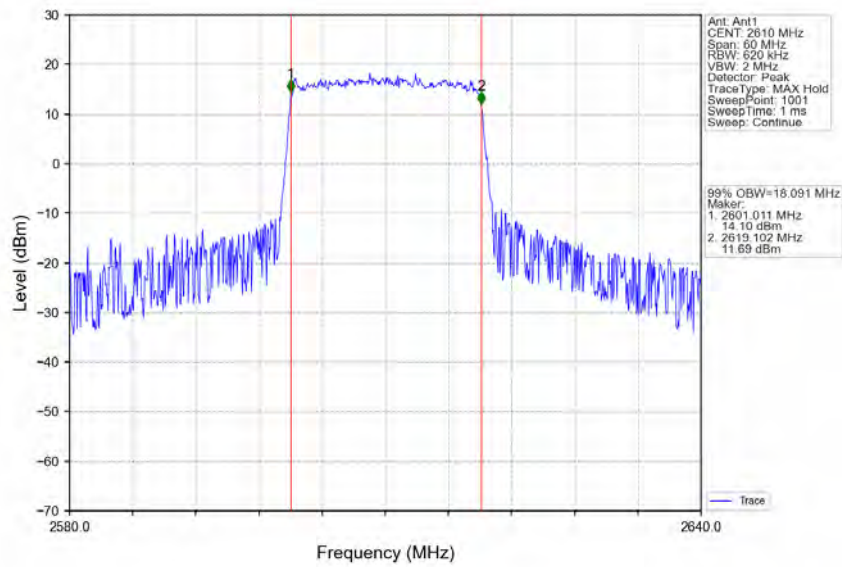
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



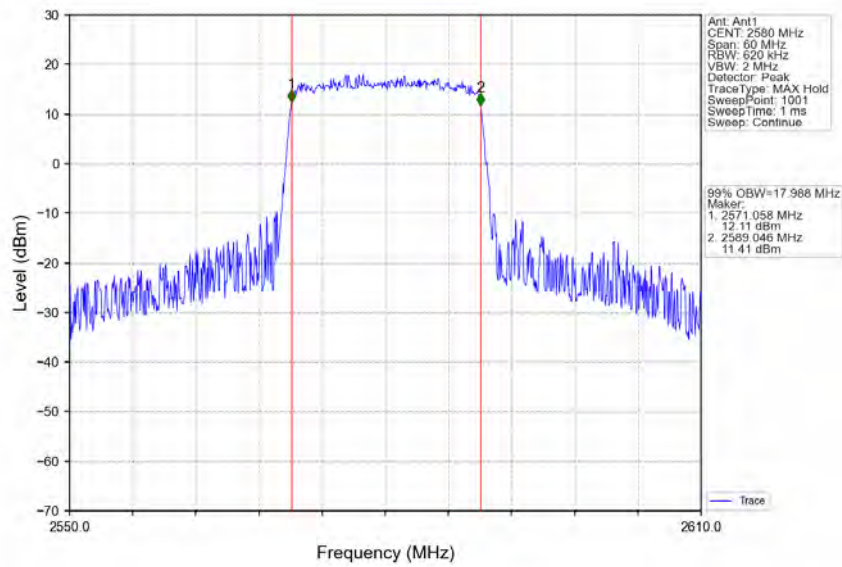
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



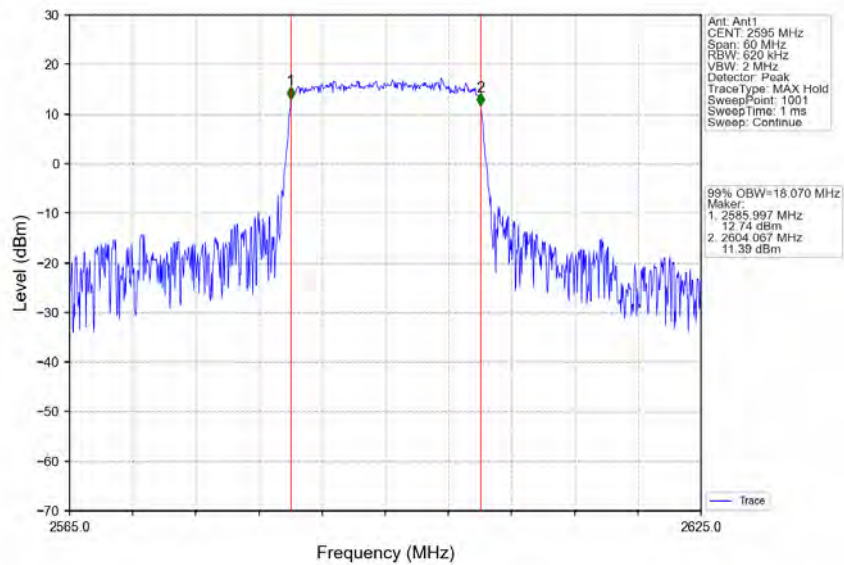
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



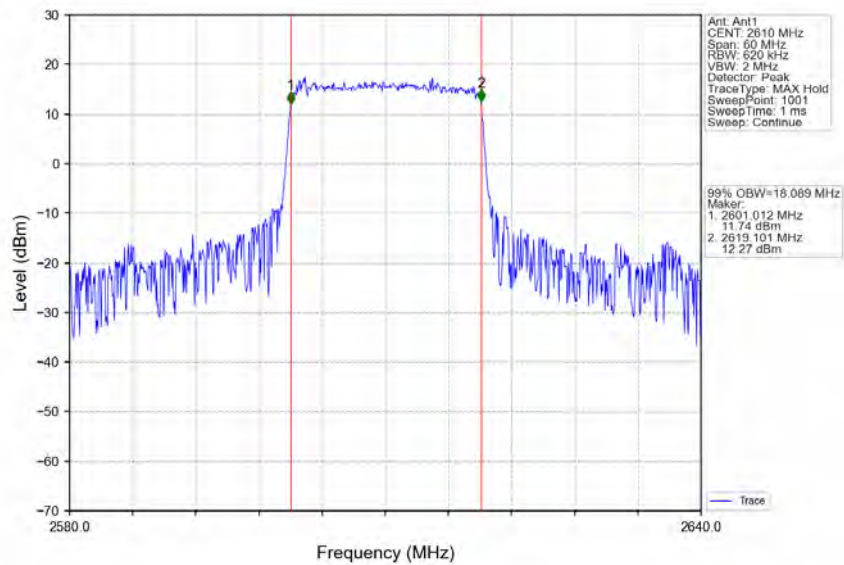
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV

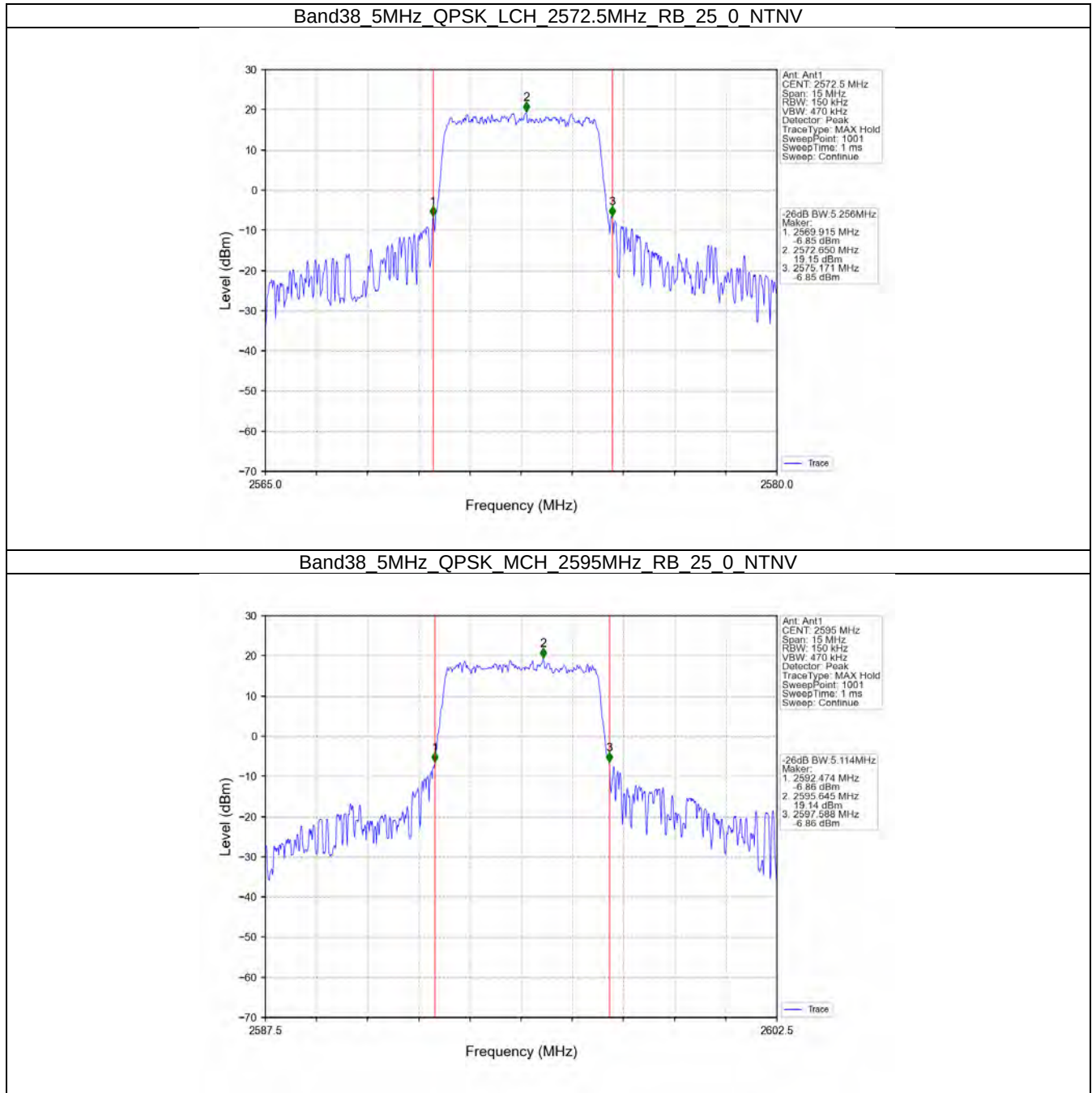


3.2 Band38_XDB

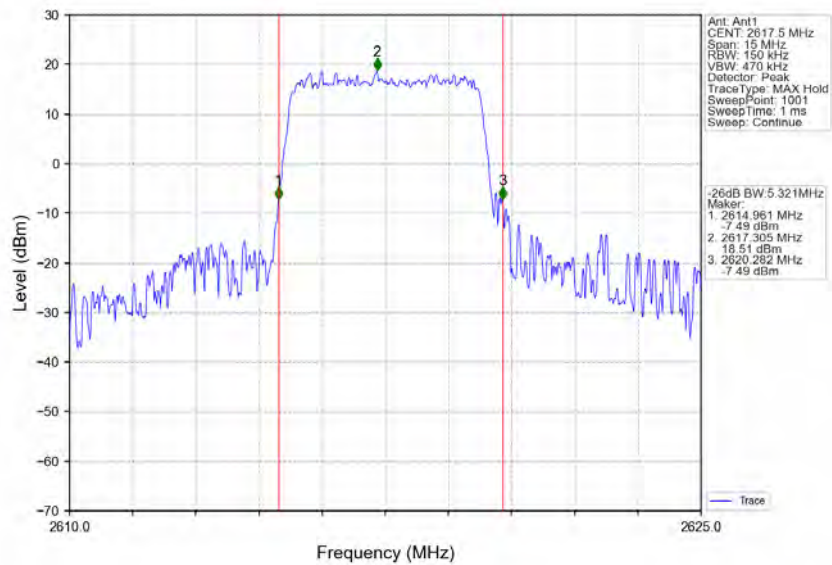
3.2.1 Test Result

Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	5.256	/	Pass
		2595	25	0	5.114	/	Pass
		2617.5	25	0	5.321	/	Pass
	16QAM	2572.5	25	0	5.277	/	Pass
		2595	25	0	6.271	/	Pass
		2617.5	25	0	5.073	/	Pass
	64QAM	2572.5	25	0	5.147	/	Pass
		2595	25	0	5.243	/	Pass
		2617.5	25	0	5.313	/	Pass
10	QPSK	2575	50	0	10.254	/	Pass
		2595	50	0	10.599	/	Pass
		2615	50	0	10.028	/	Pass
	16QAM	2575	50	0	9.986	/	Pass
		2595	50	0	9.953	/	Pass
		2615	50	0	10.119	/	Pass
	64QAM	2575	50	0	10.365	/	Pass
		2595	50	0	9.910	/	Pass
		2615	50	0	10.316	/	Pass
15	QPSK	2577.5	75	0	15.864	/	Pass
		2595	75	0	14.992	/	Pass
		2612.5	75	0	14.988	/	Pass
	16QAM	2577.5	75	0	15.195	/	Pass
		2595	75	0	15.626	/	Pass
		2612.5	75	0	16.217	/	Pass
	64QAM	2577.5	75	0	15.363	/	Pass
		2595	75	0	15.565	/	Pass
		2612.5	75	0	15.264	/	Pass
20	QPSK	2580	100	0	20.199	/	Pass
		2595	100	0	21.207	/	Pass
		2610	100	0	20.259	/	Pass
	16QAM	2580	100	0	20.062	/	Pass
		2595	100	0	20.139	/	Pass
		2610	100	0	19.999	/	Pass
	64QAM	2580	100	0	19.719	/	Pass
		2595	100	0	20.286	/	Pass
		2610	100	0	19.910	/	Pass

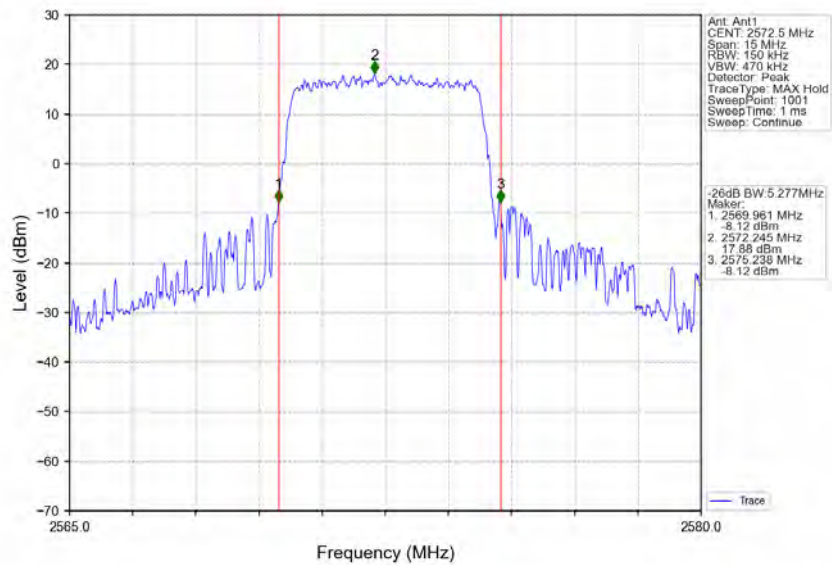
3.2.2 Test Graph



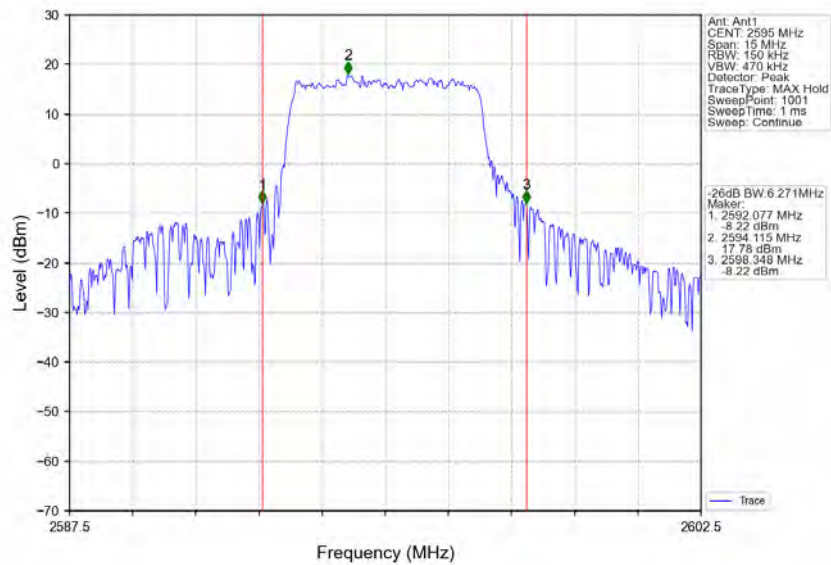
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



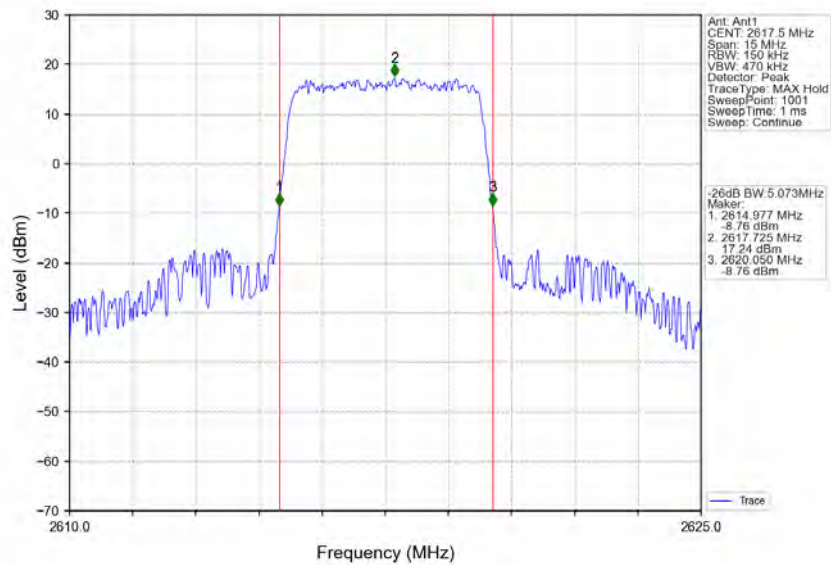
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



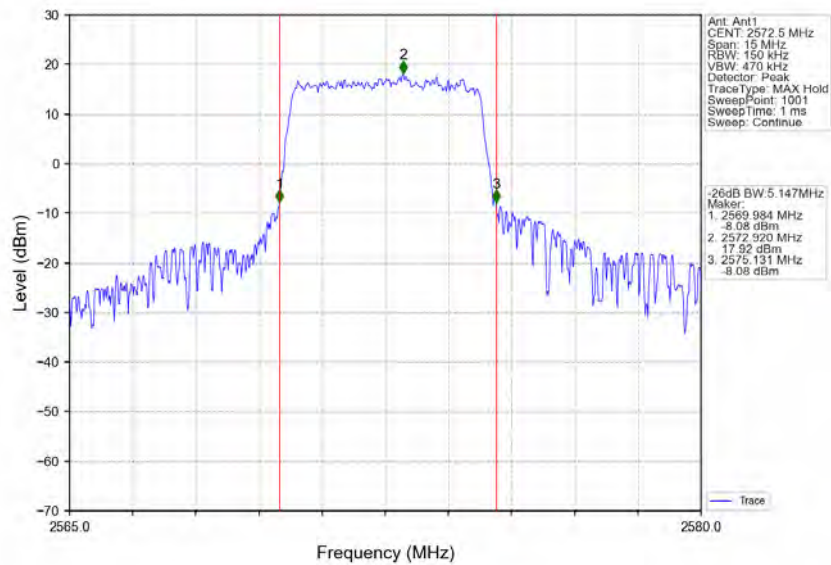
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



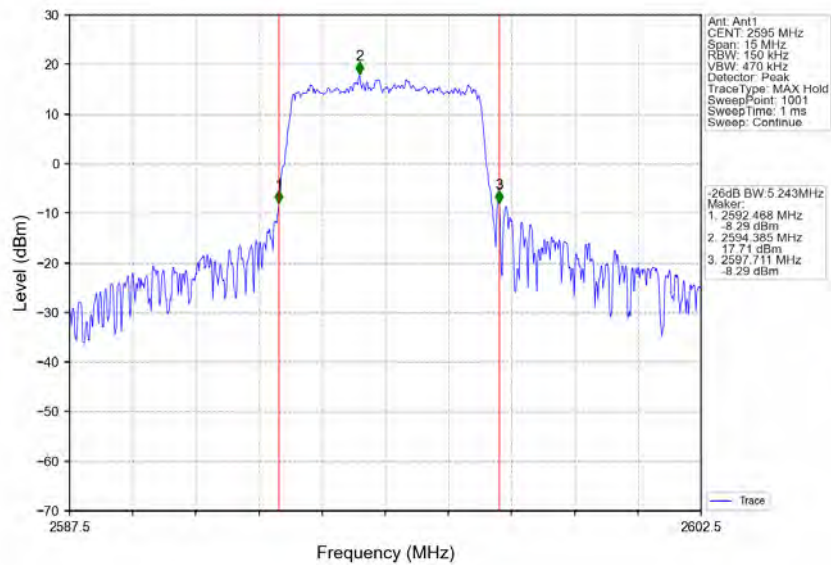
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



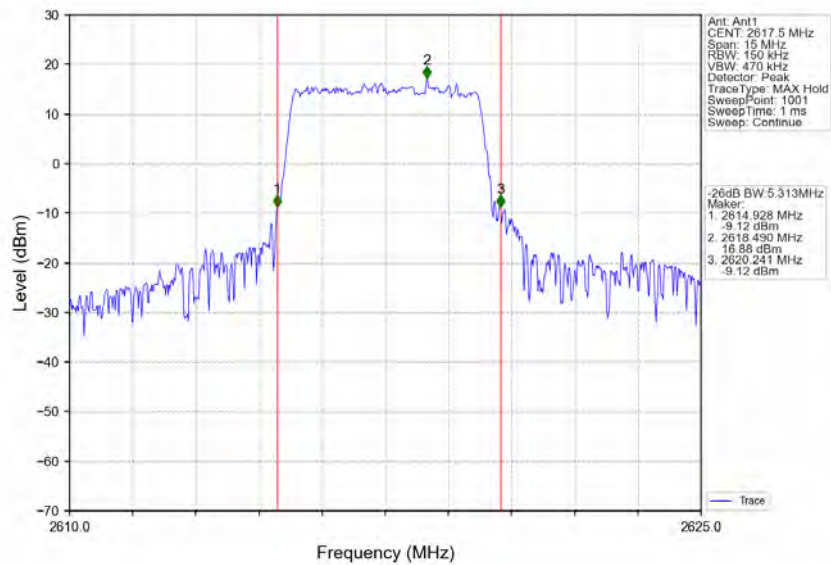
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV



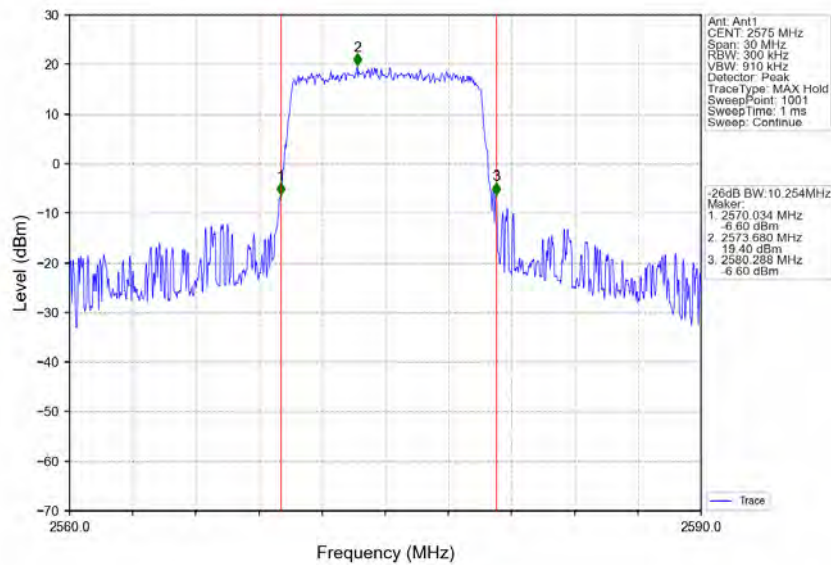
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



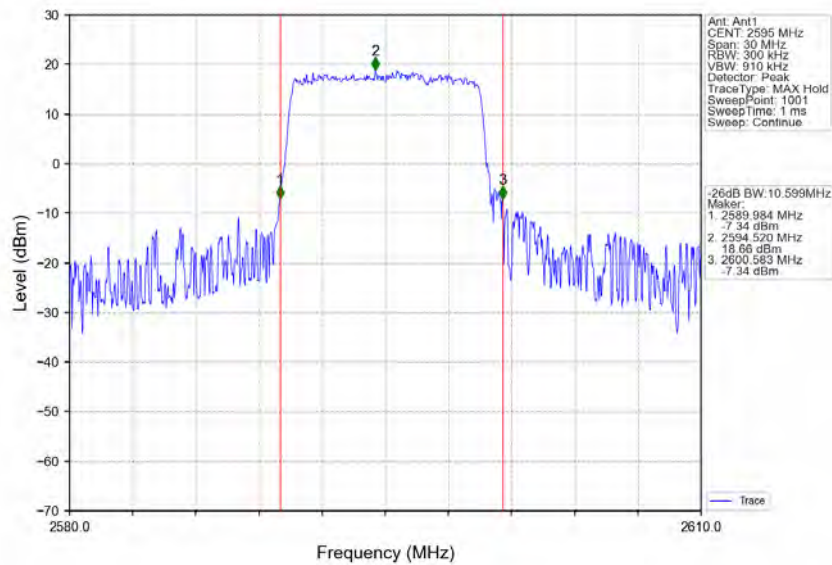
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



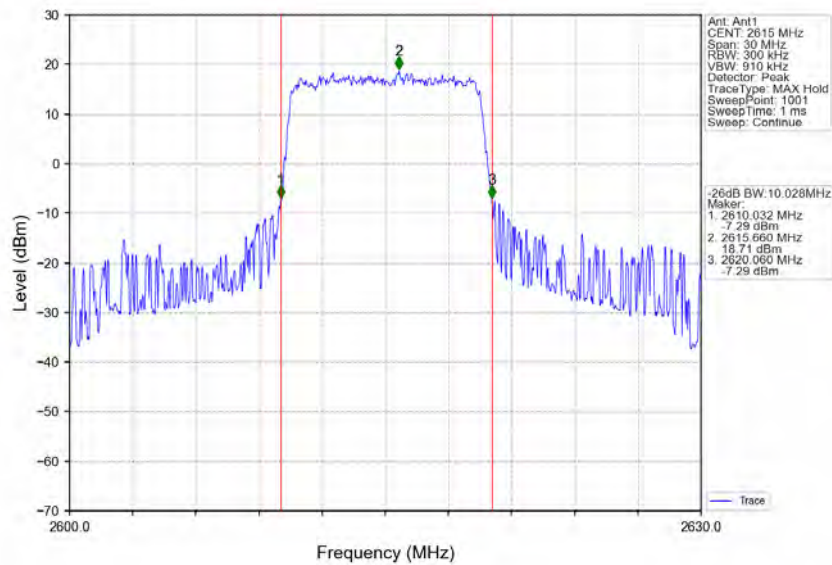
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



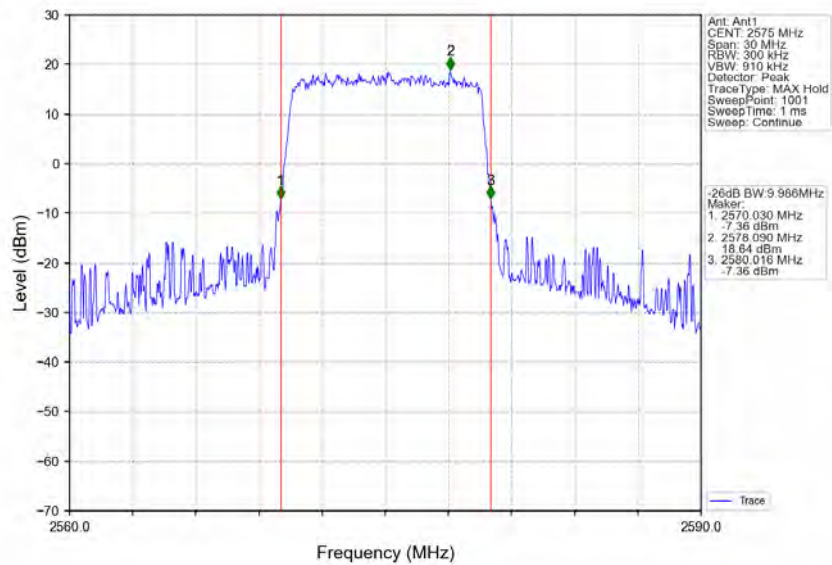
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



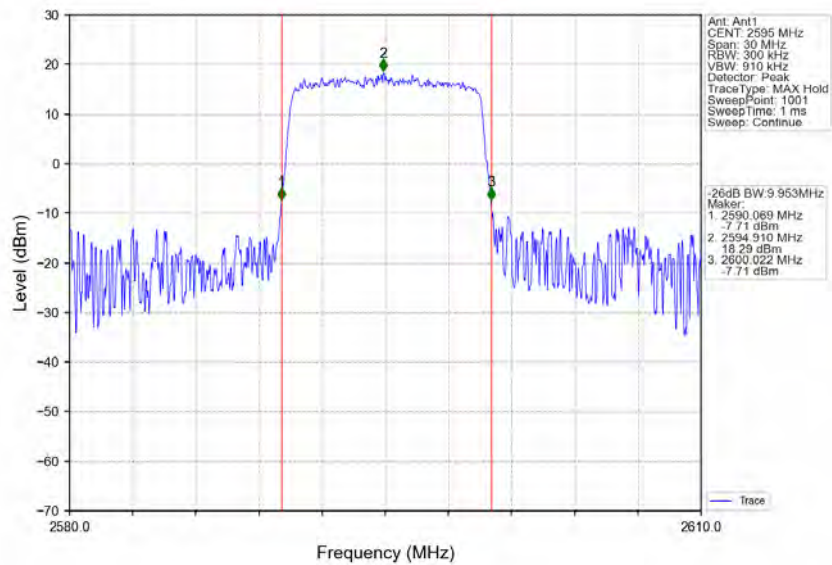
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



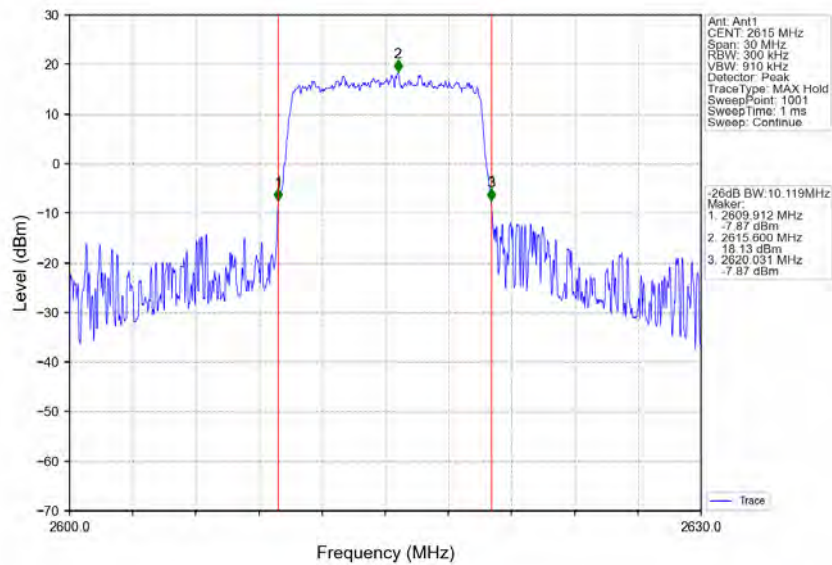
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



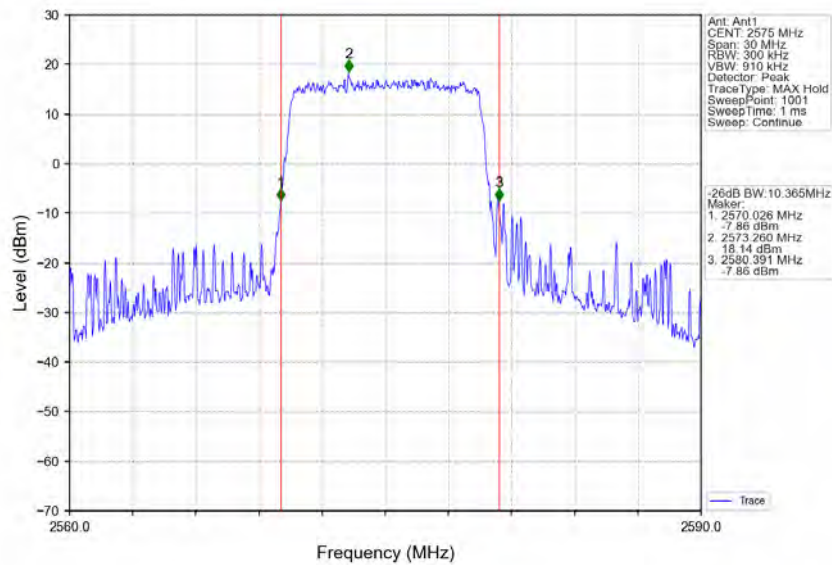
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



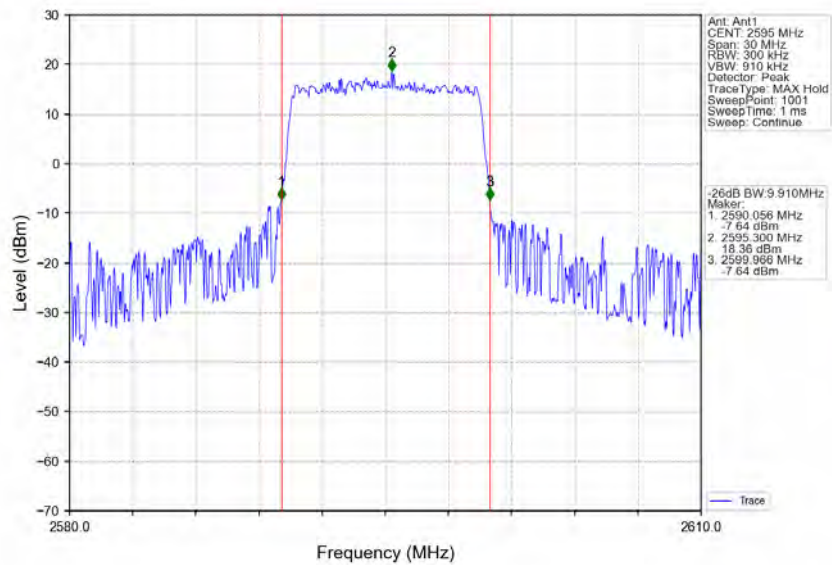
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



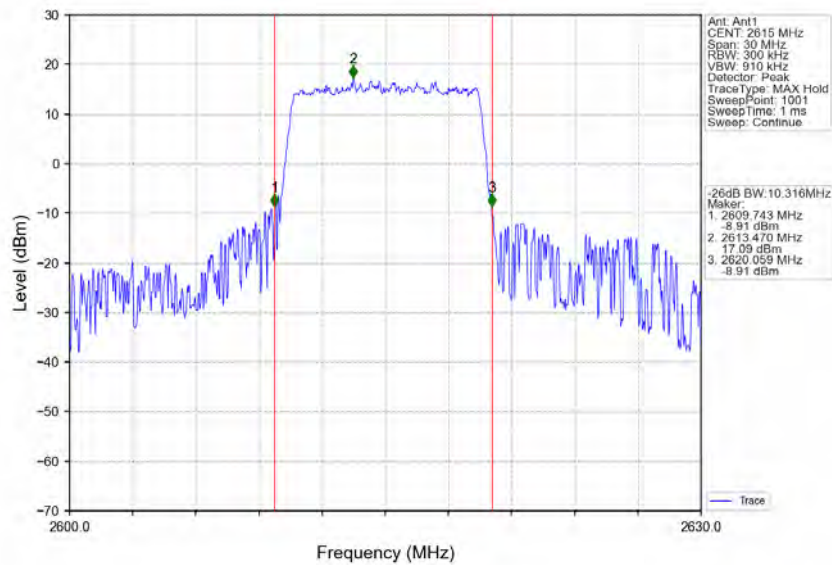
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



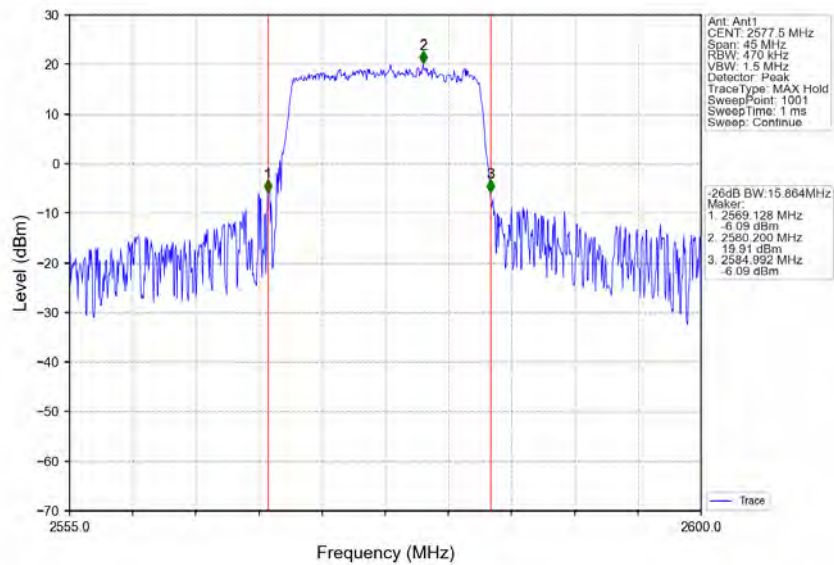
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



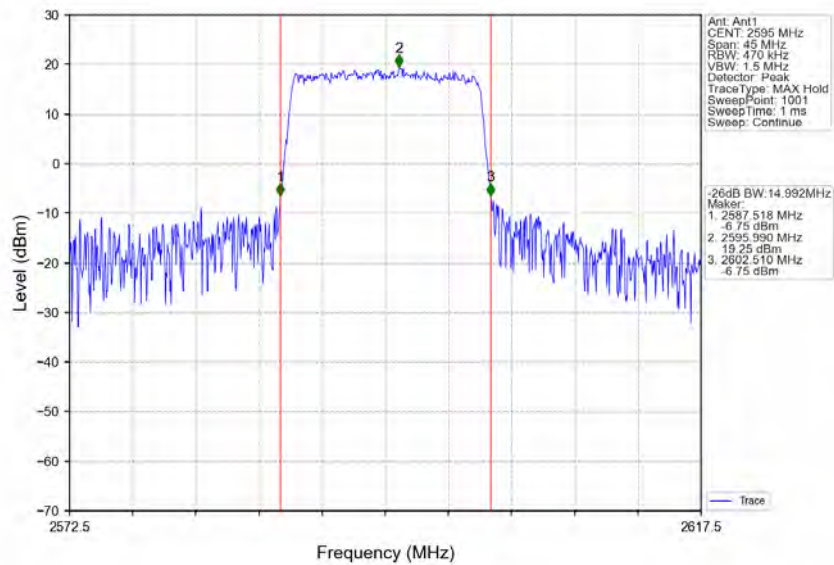
Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



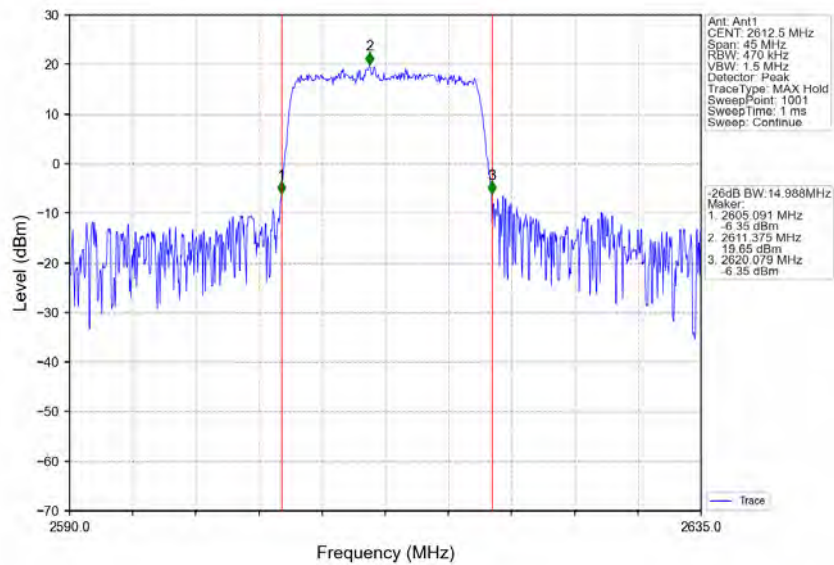
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



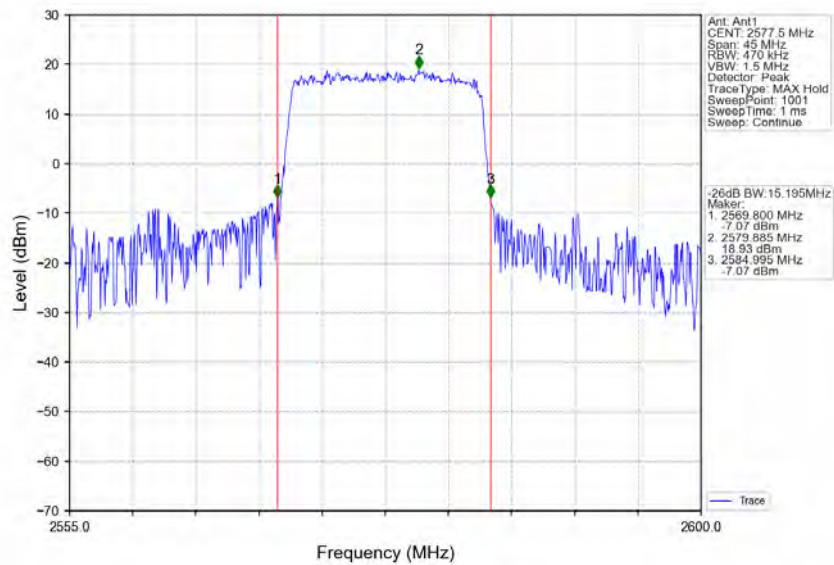
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



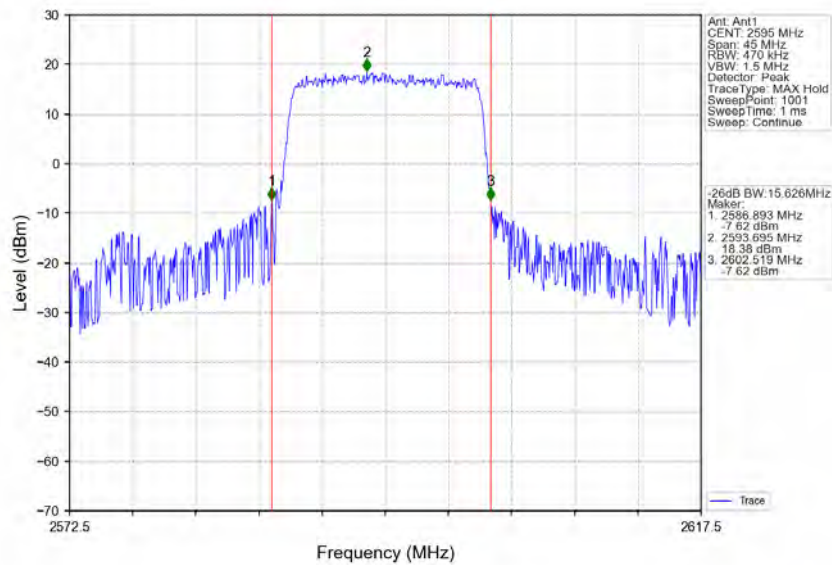
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



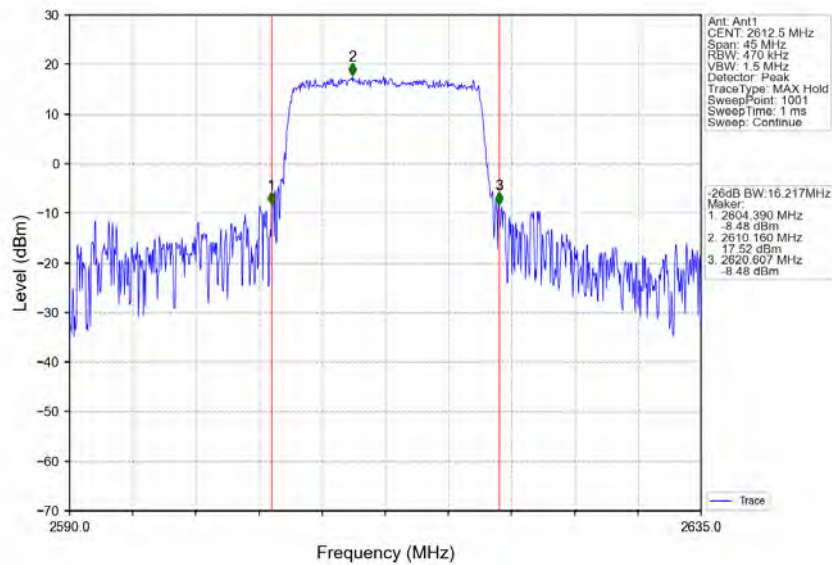
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



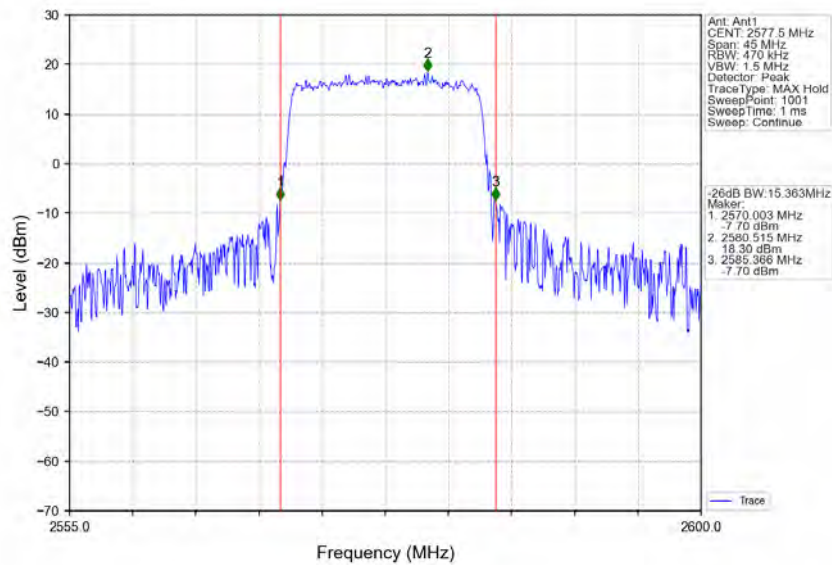
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



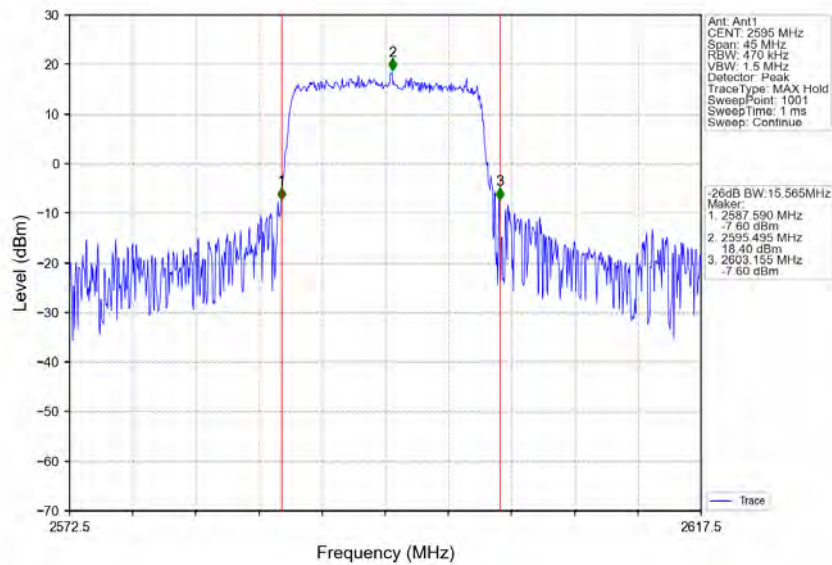
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



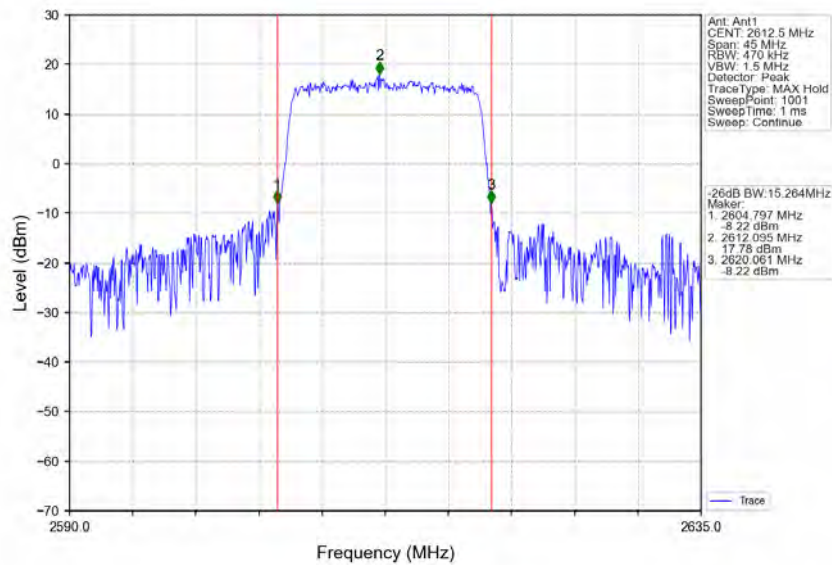
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



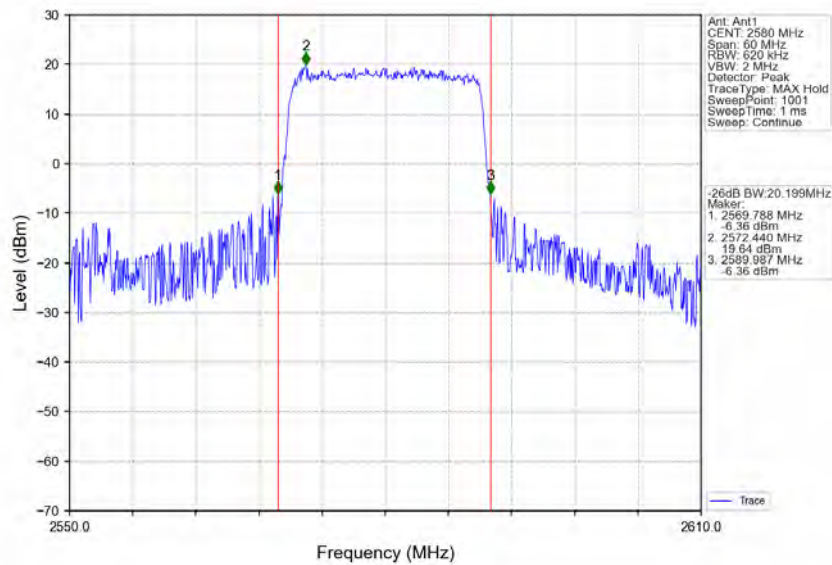
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



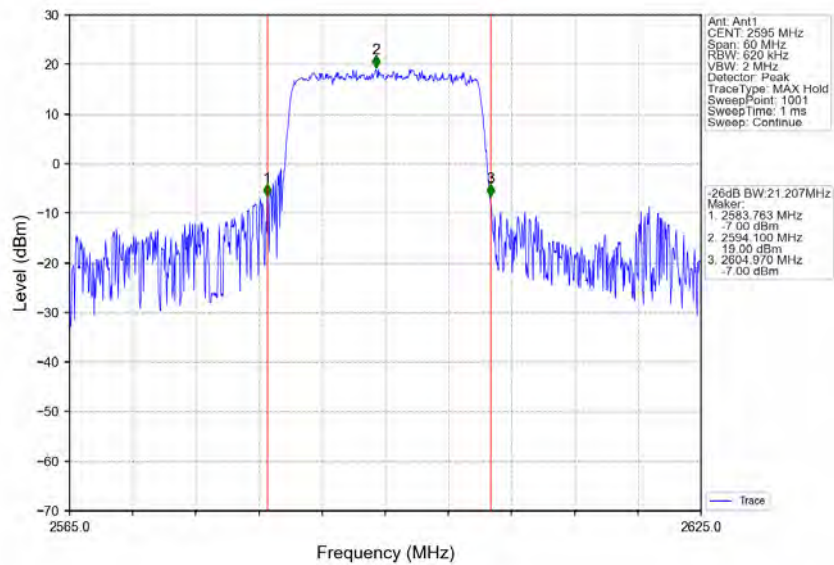
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV



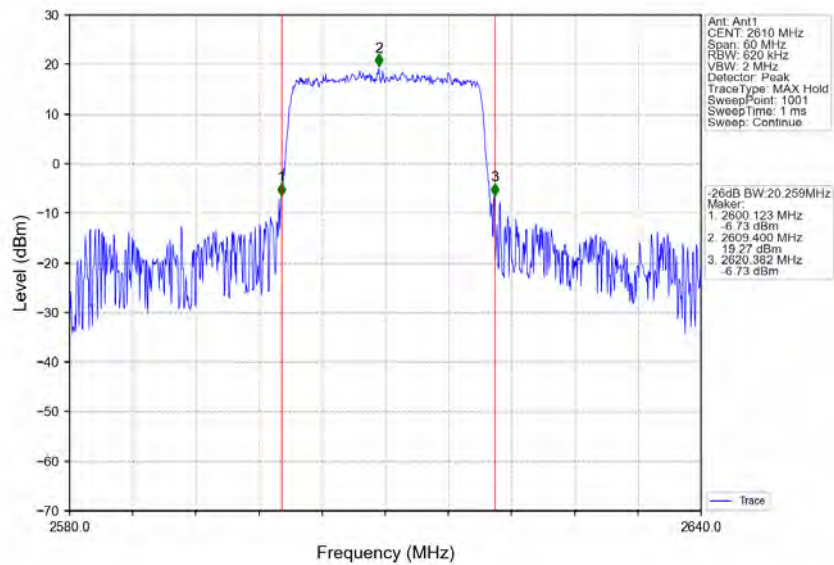
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



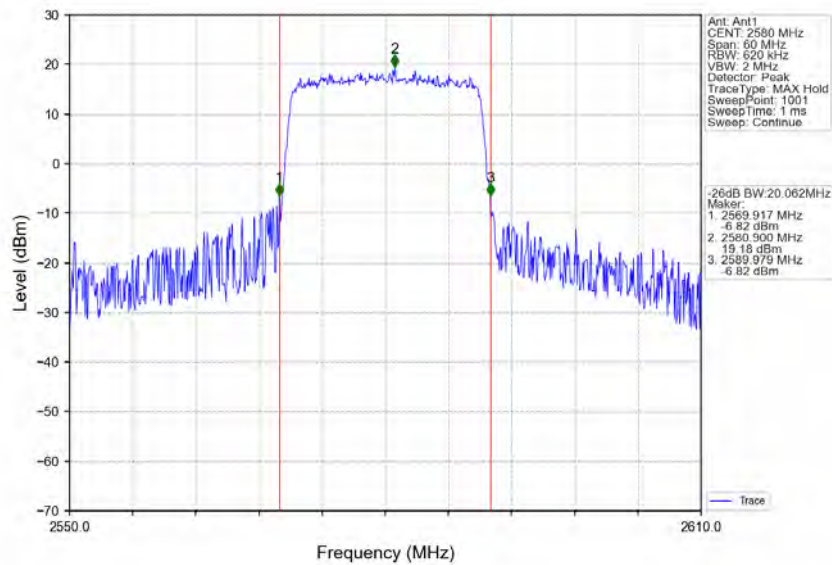
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



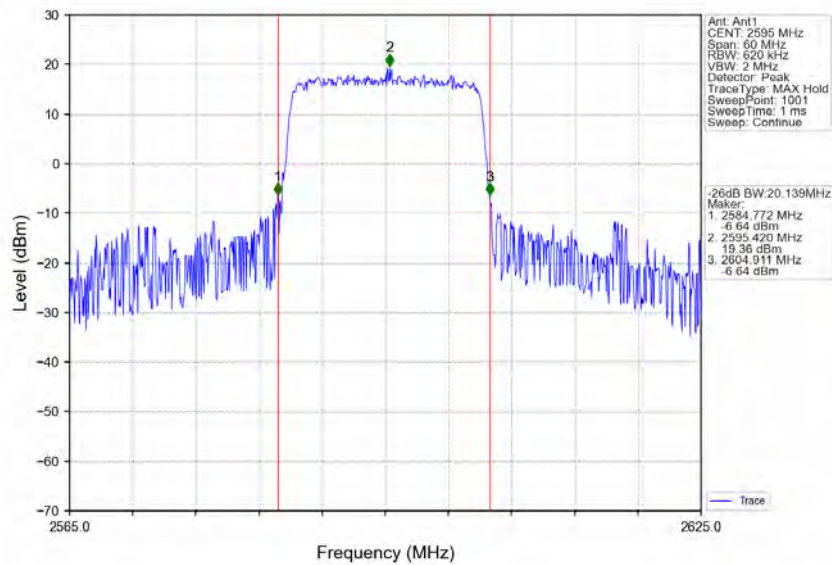
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



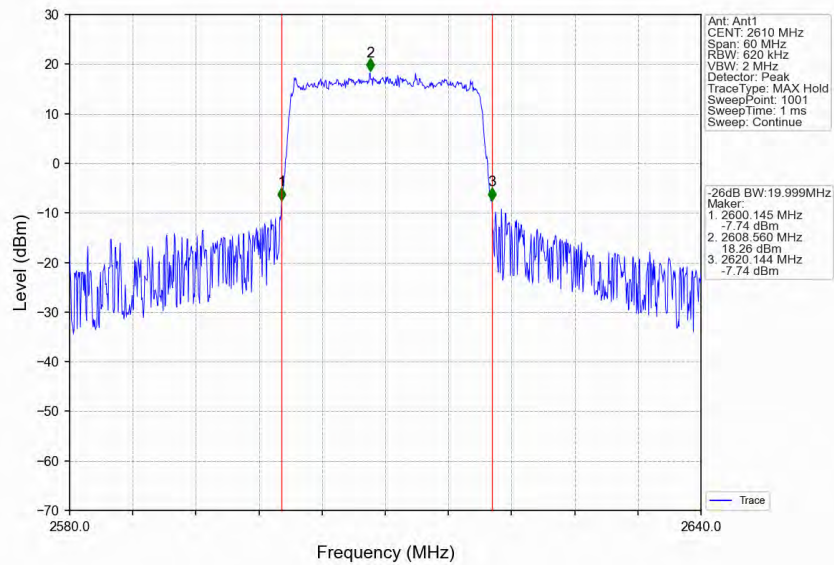
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



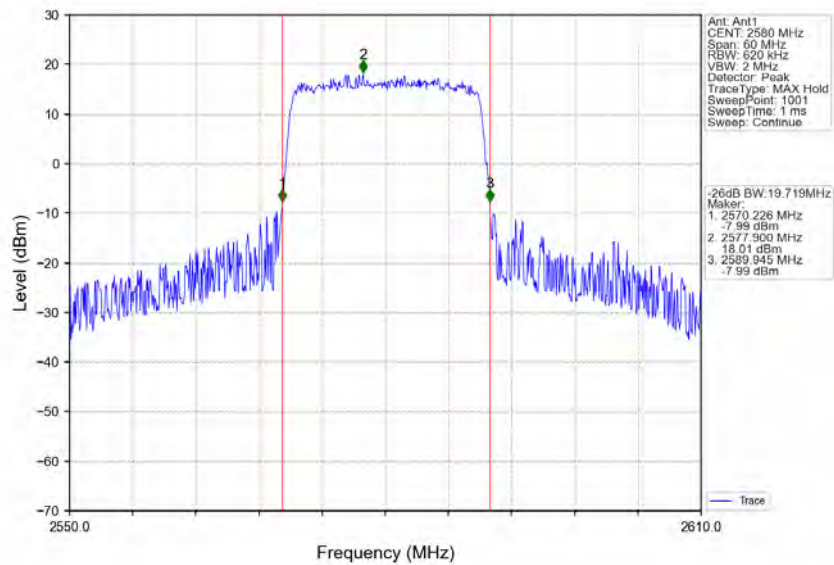
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



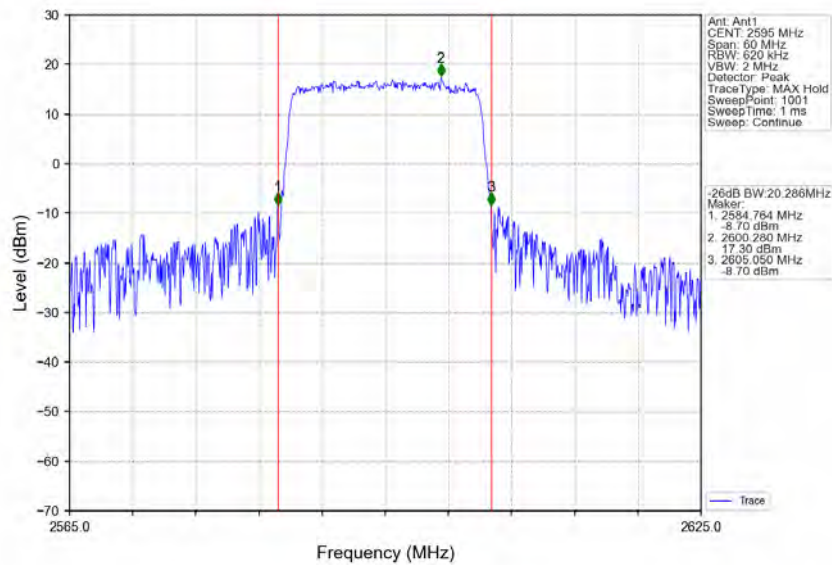
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



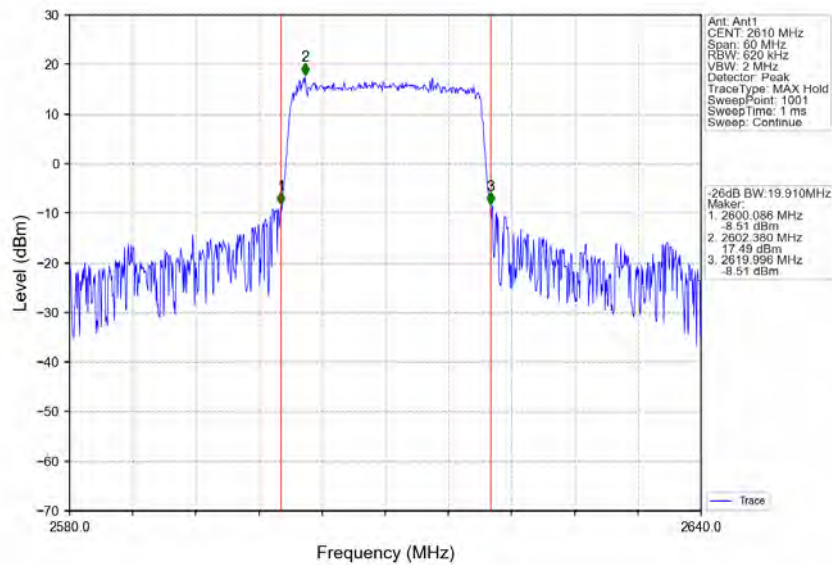
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



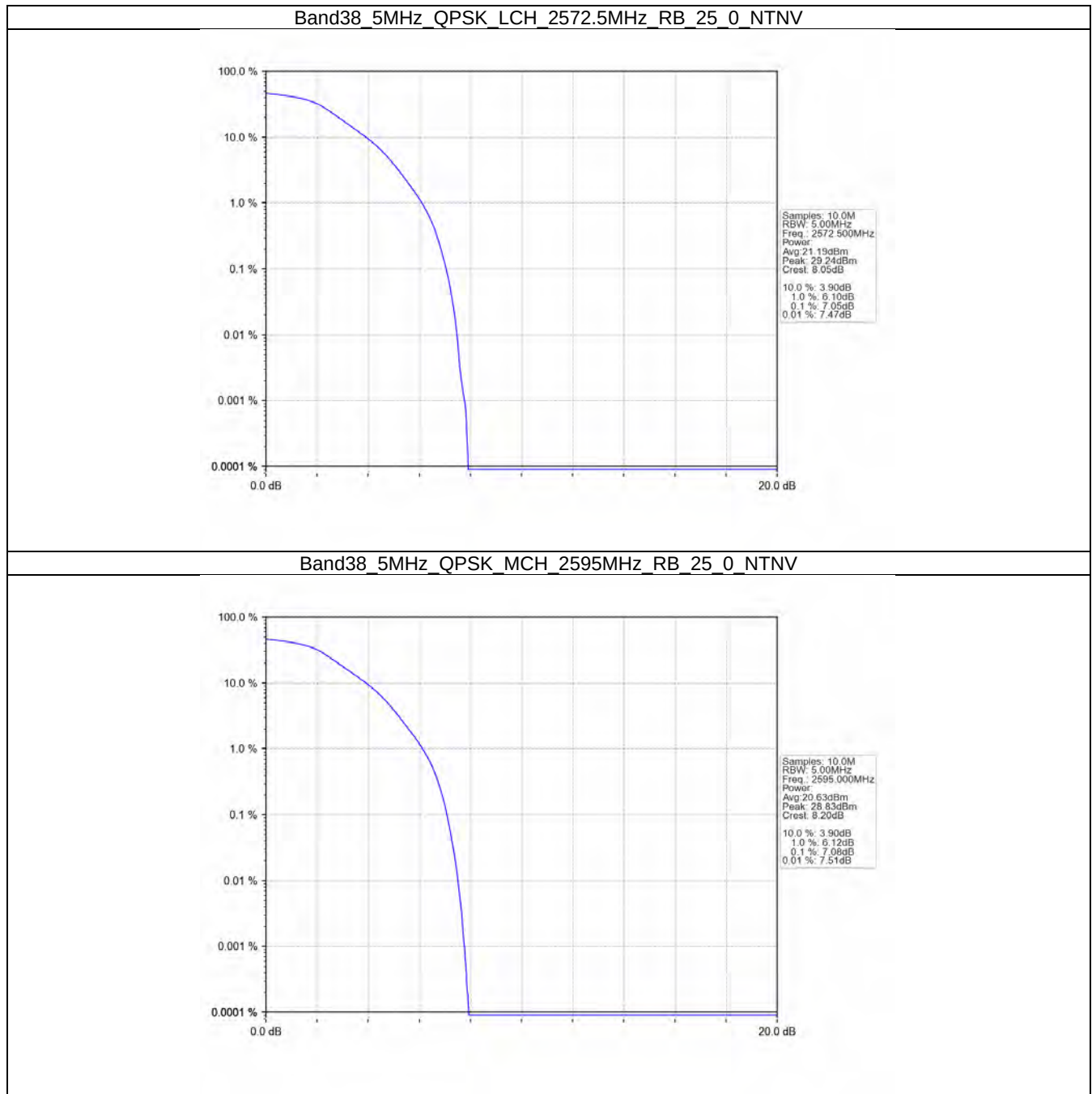
4. Peak-Average Ratio

4.1 B38_5MHz

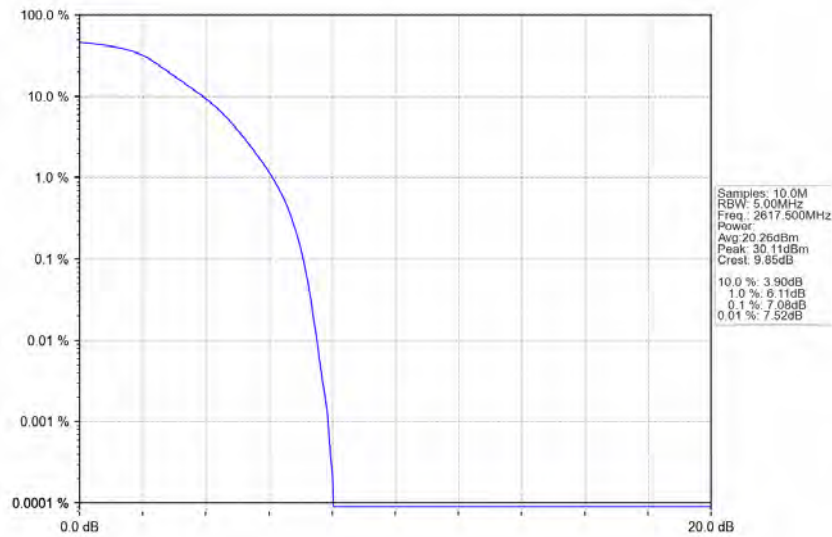
4.1.1 Test Result

Band: 38 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2572.5	25	0	7.05	<=13	Pass
	2595	25	0	7.08	<=13	Pass
	2617.5	25	0	7.08	<=13	Pass
16QAM	2572.5	25	0	8.02	<=13	Pass
	2595	25	0	7.95	<=13	Pass
	2617.5	25	0	7.96	<=13	Pass
64QAM	2572.5	25	0	8.34	<=13	Pass
	2595	25	0	8.42	<=13	Pass
	2617.5	25	0	8.40	<=13	Pass

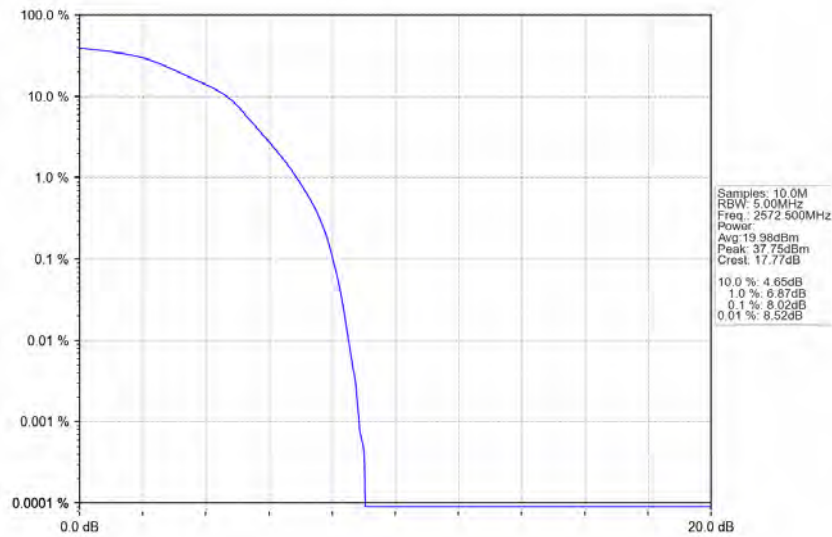
4.1.2 Test Graph



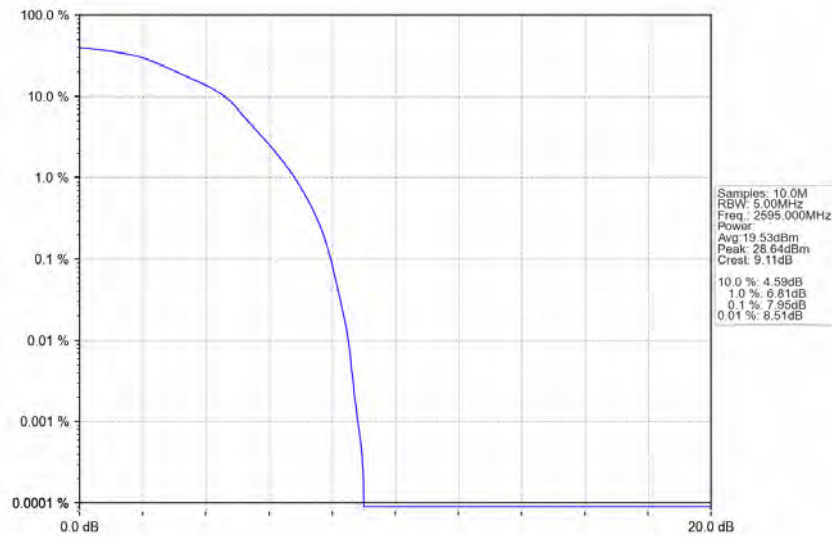
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



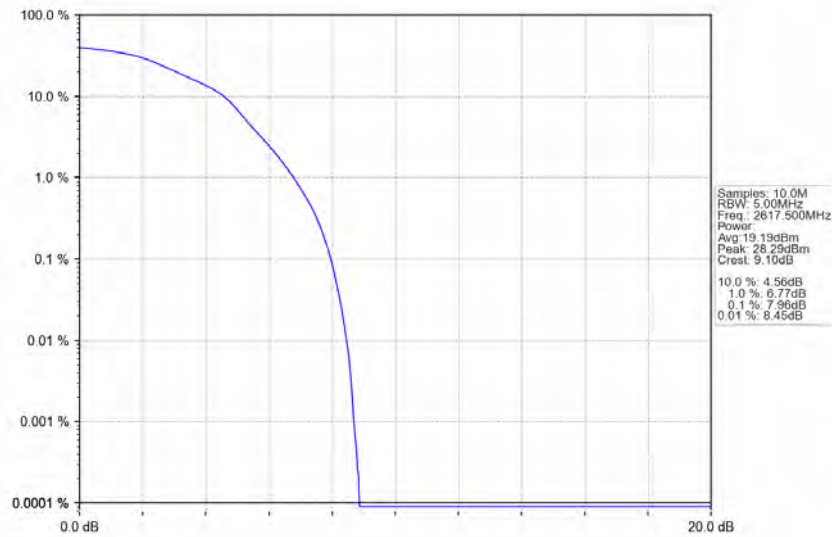
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



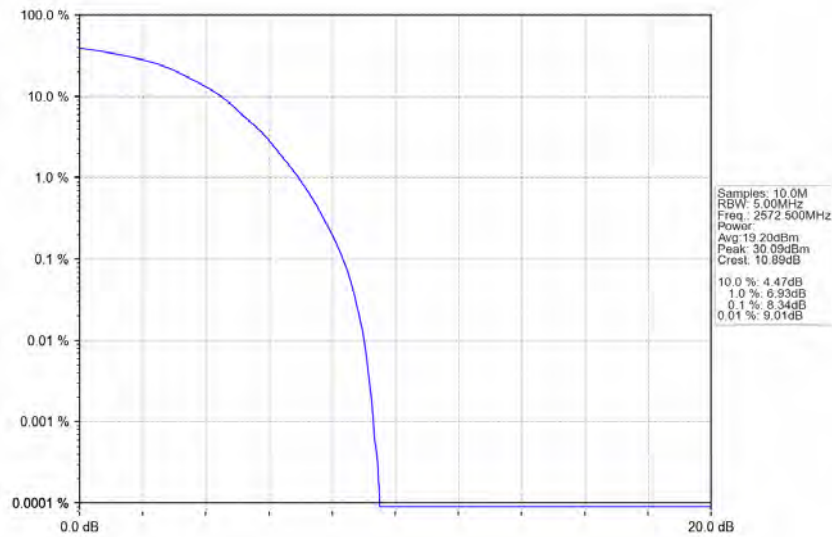
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



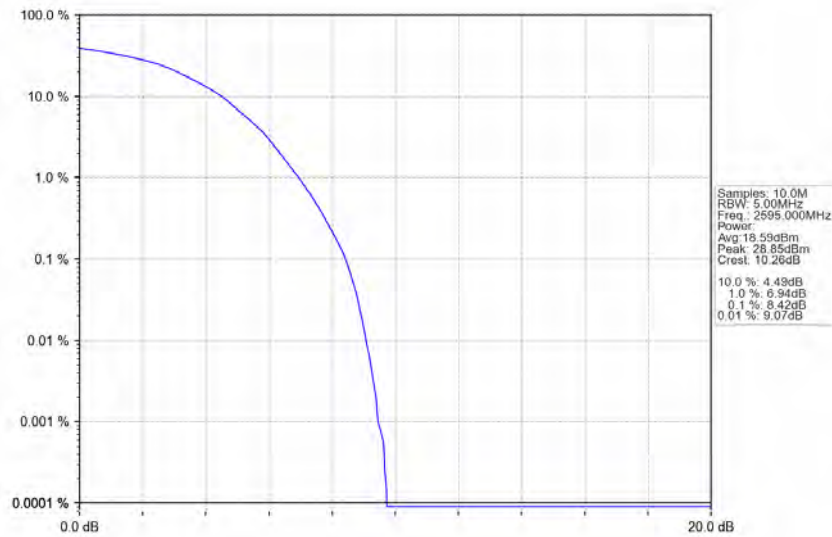
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



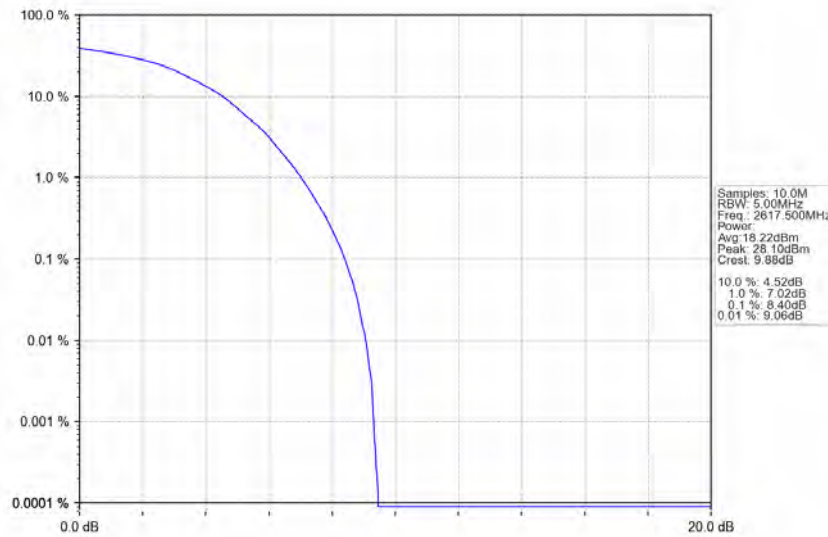
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV



Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



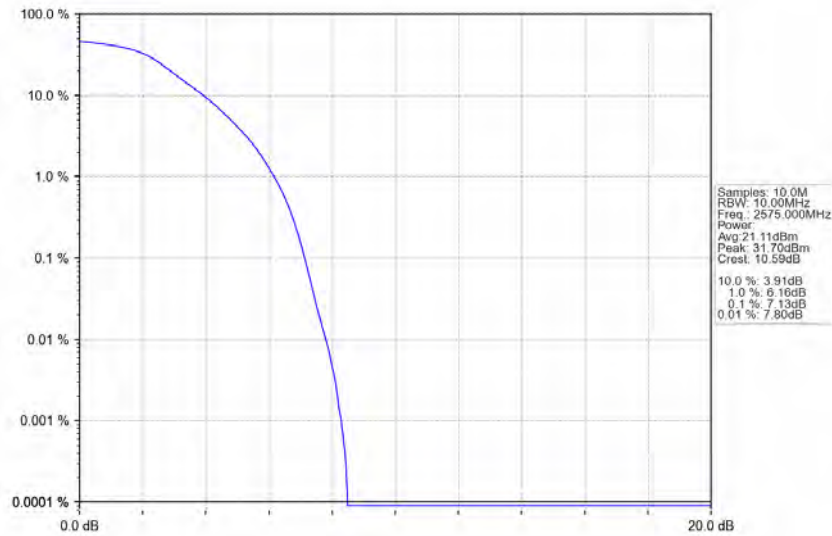
4.2 B38_10MHz

4.2.1 Test Result

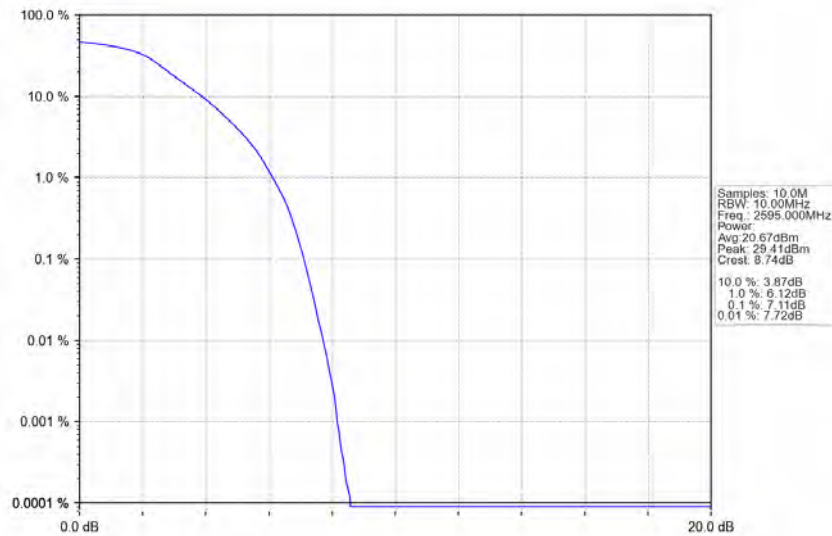
Band: 38 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	50	0	7.13	<=13	Pass
	2595	50	0	7.11	<=13	Pass
	2615	50	0	6.92	<=13	Pass
16QAM	2575	50	0	8.01	<=13	Pass
	2595	50	0	7.96	<=13	Pass
	2615	50	0	7.93	<=13	Pass
64QAM	2575	50	0	8.34	<=13	Pass
	2595	50	0	8.40	<=13	Pass
	2615	50	0	8.29	<=13	Pass

4.2.2 Test Graph

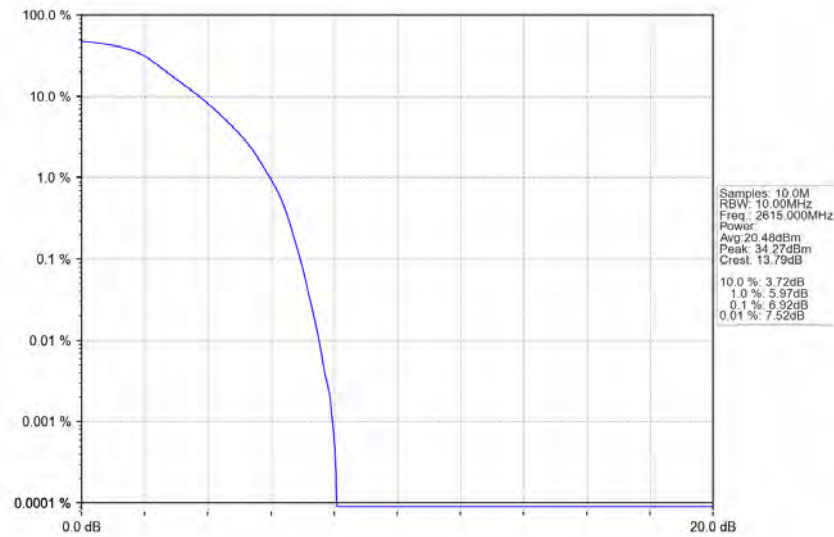
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



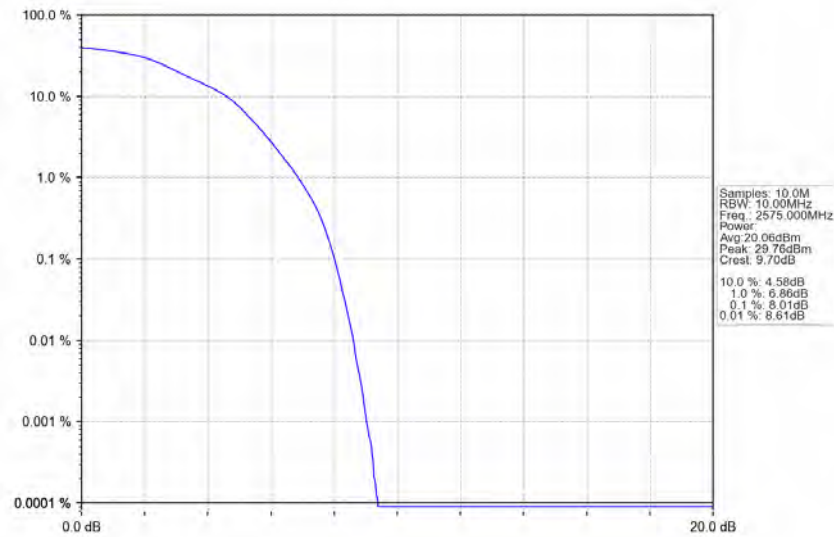
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



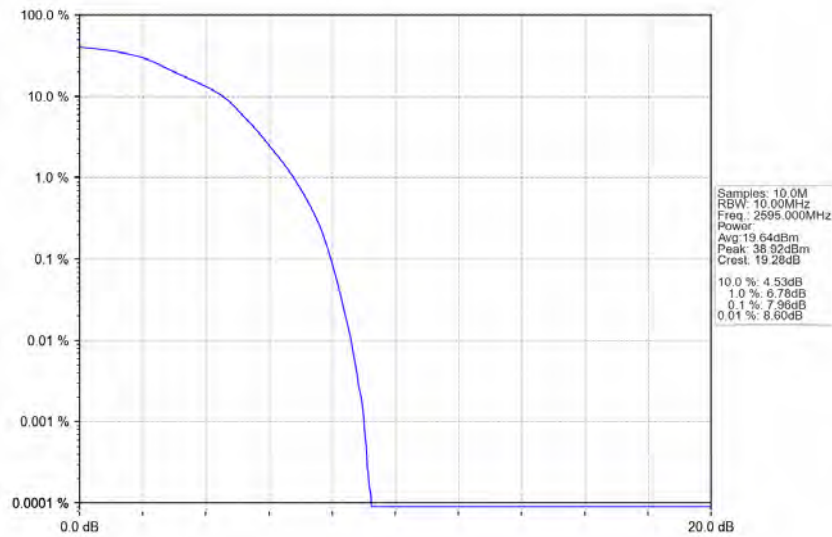
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



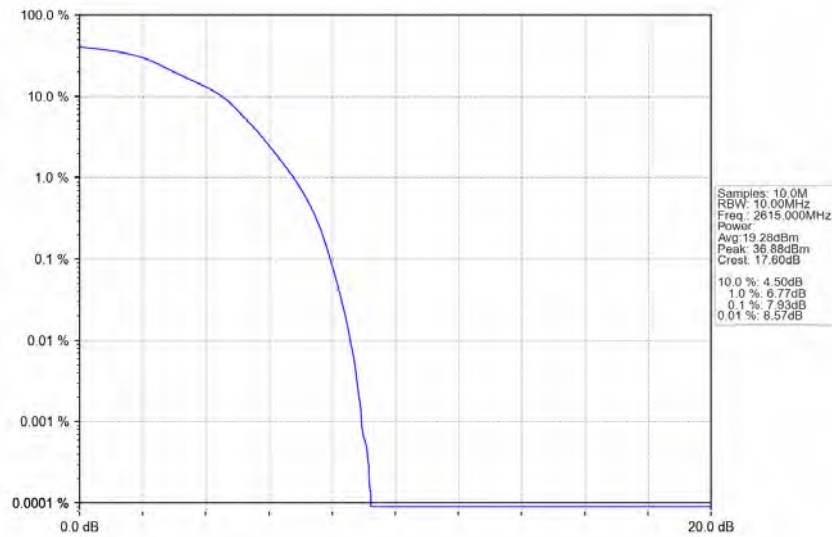
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



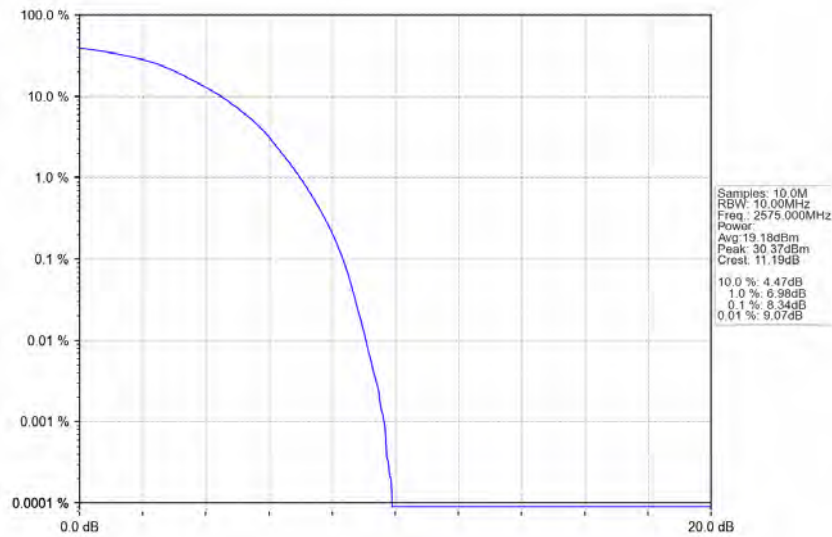
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



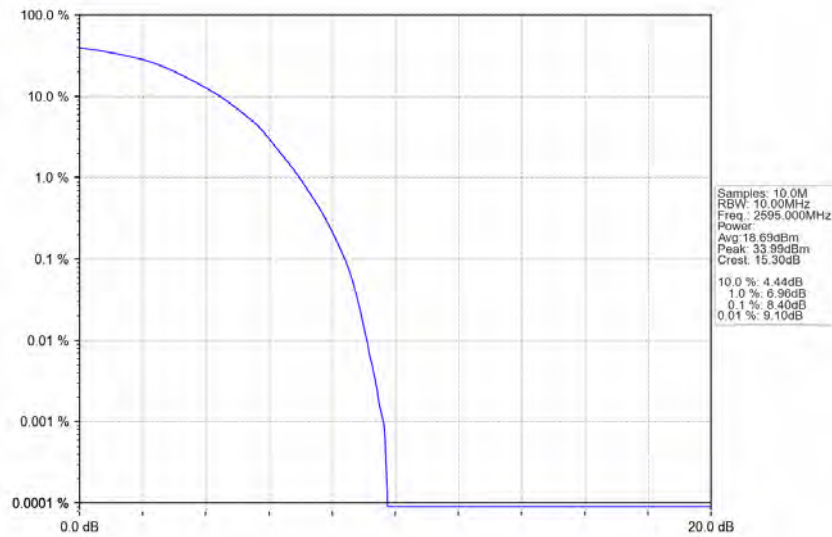
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



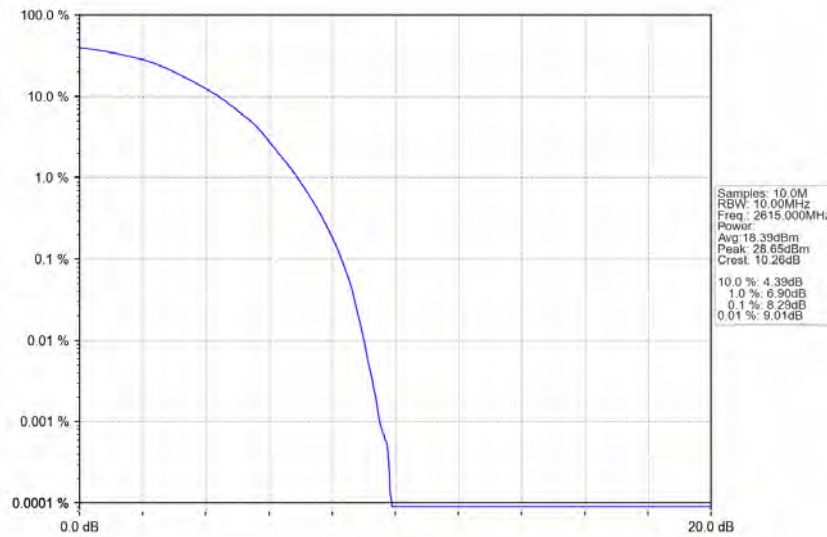
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV

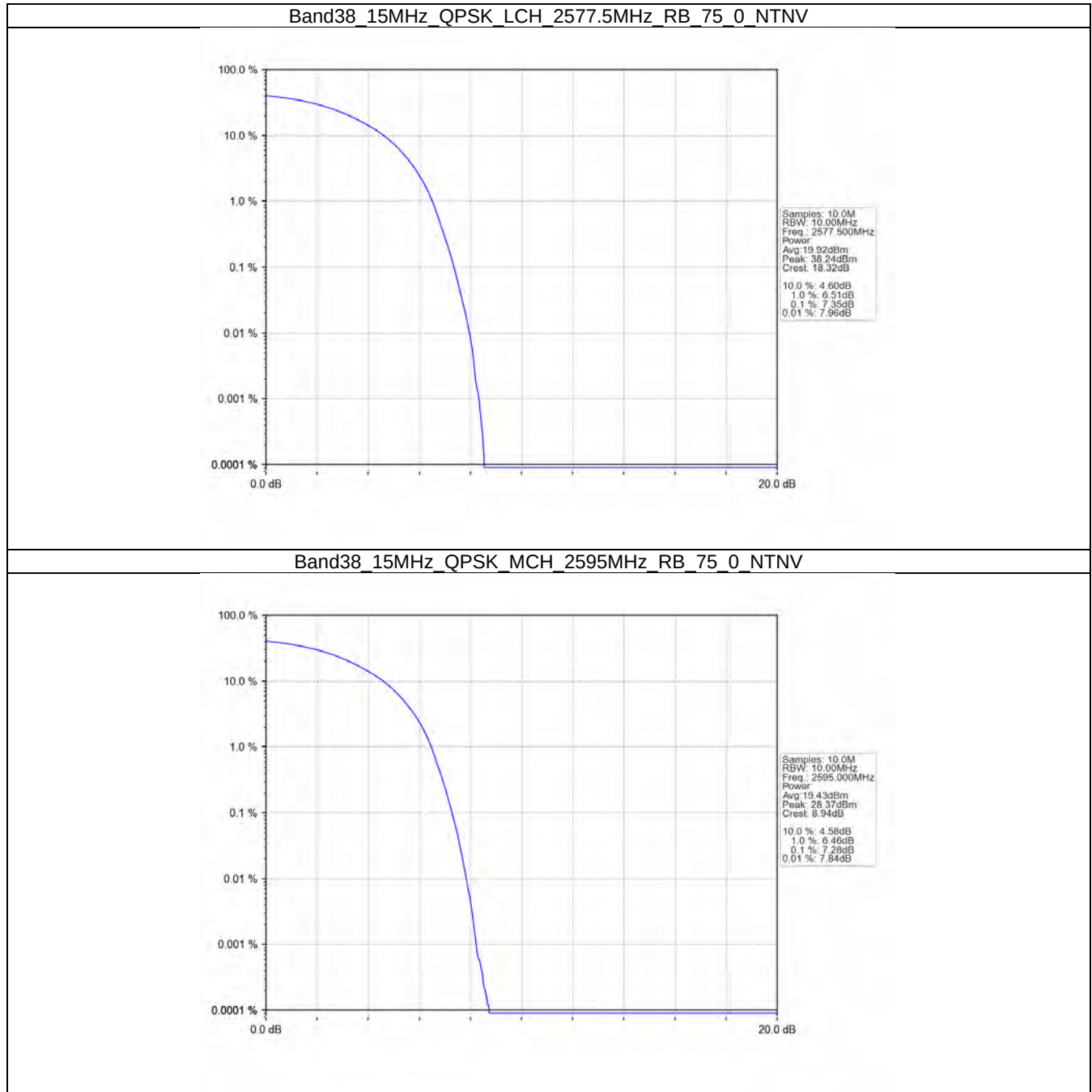


4.3 B38_15MHz

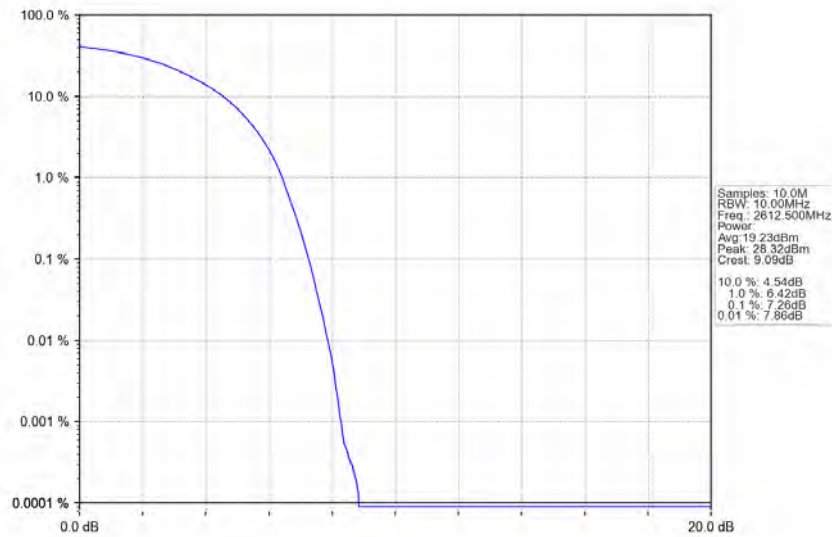
4.3.1 Test Result

Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	75	0	7.35	<=13	Pass
	2595	75	0	7.28	<=13	Pass
	2612.5	75	0	7.26	<=13	Pass
16QAM	2577.5	75	0	8.36	<=13	Pass
	2595	75	0	8.21	<=13	Pass
	2612.5	75	0	8.30	<=13	Pass
64QAM	2577.5	75	0	8.43	<=13	Pass
	2595	75	0	8.51	<=13	Pass
	2612.5	75	0	8.75	<=13	Pass

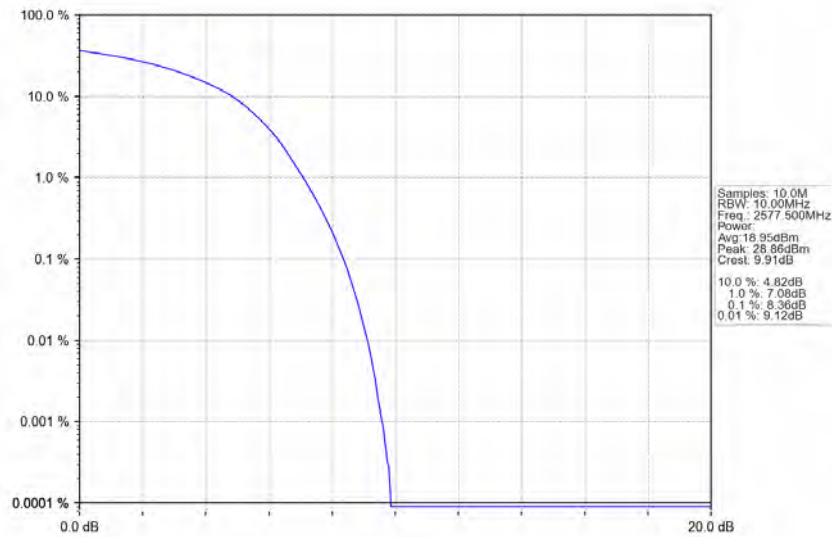
4.3.2 Test Graph



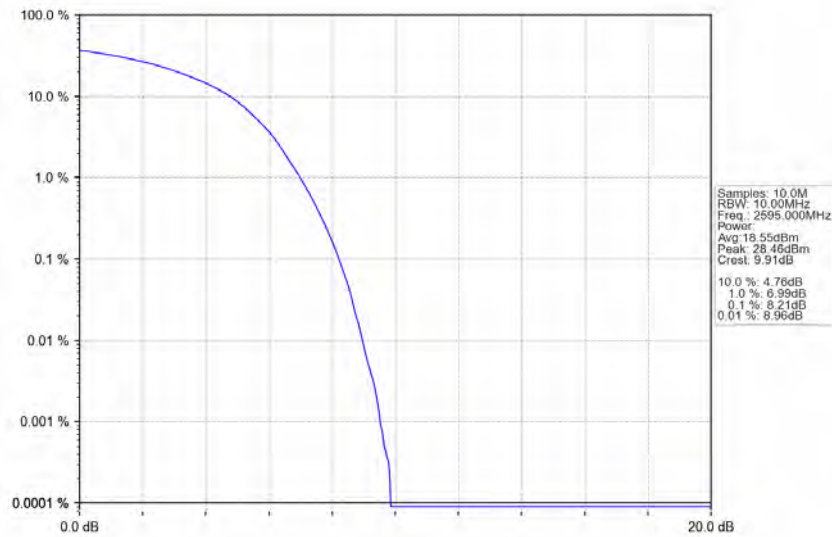
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



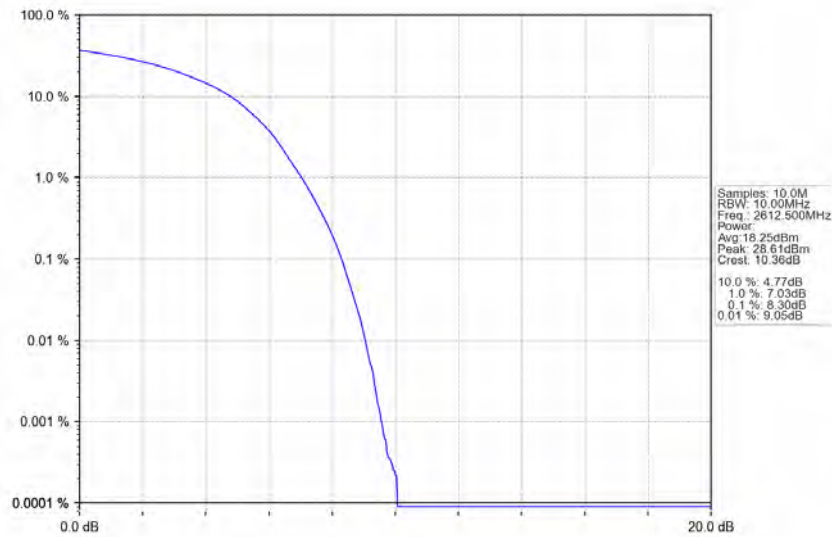
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



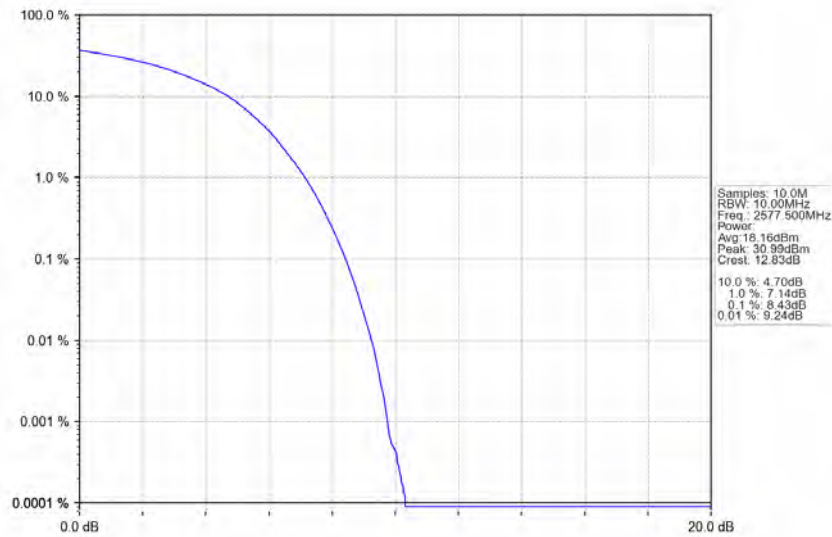
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



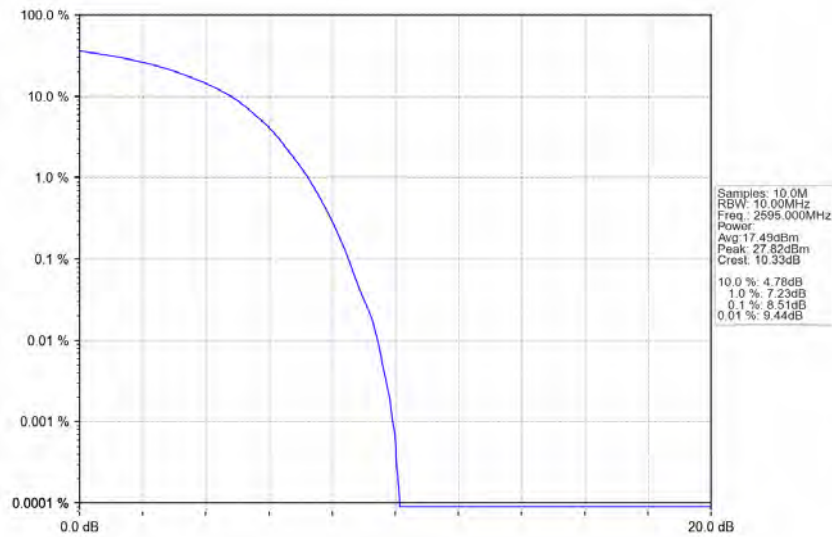
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



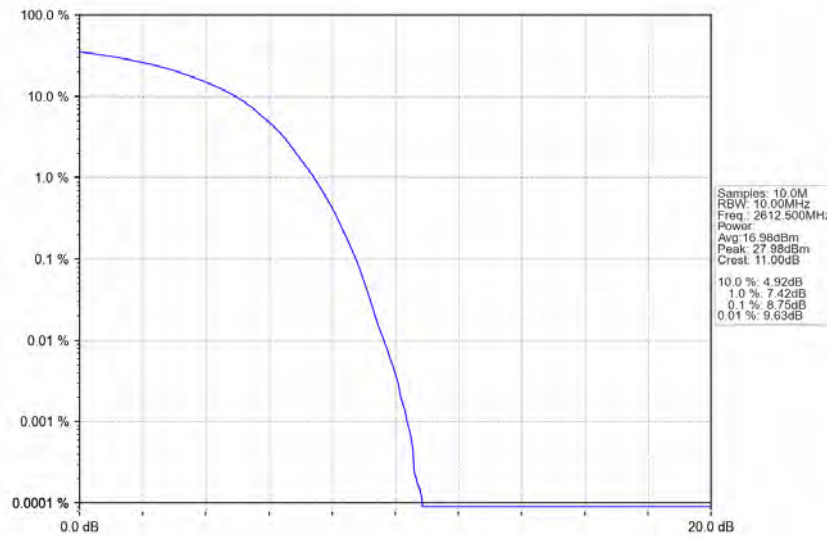
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV

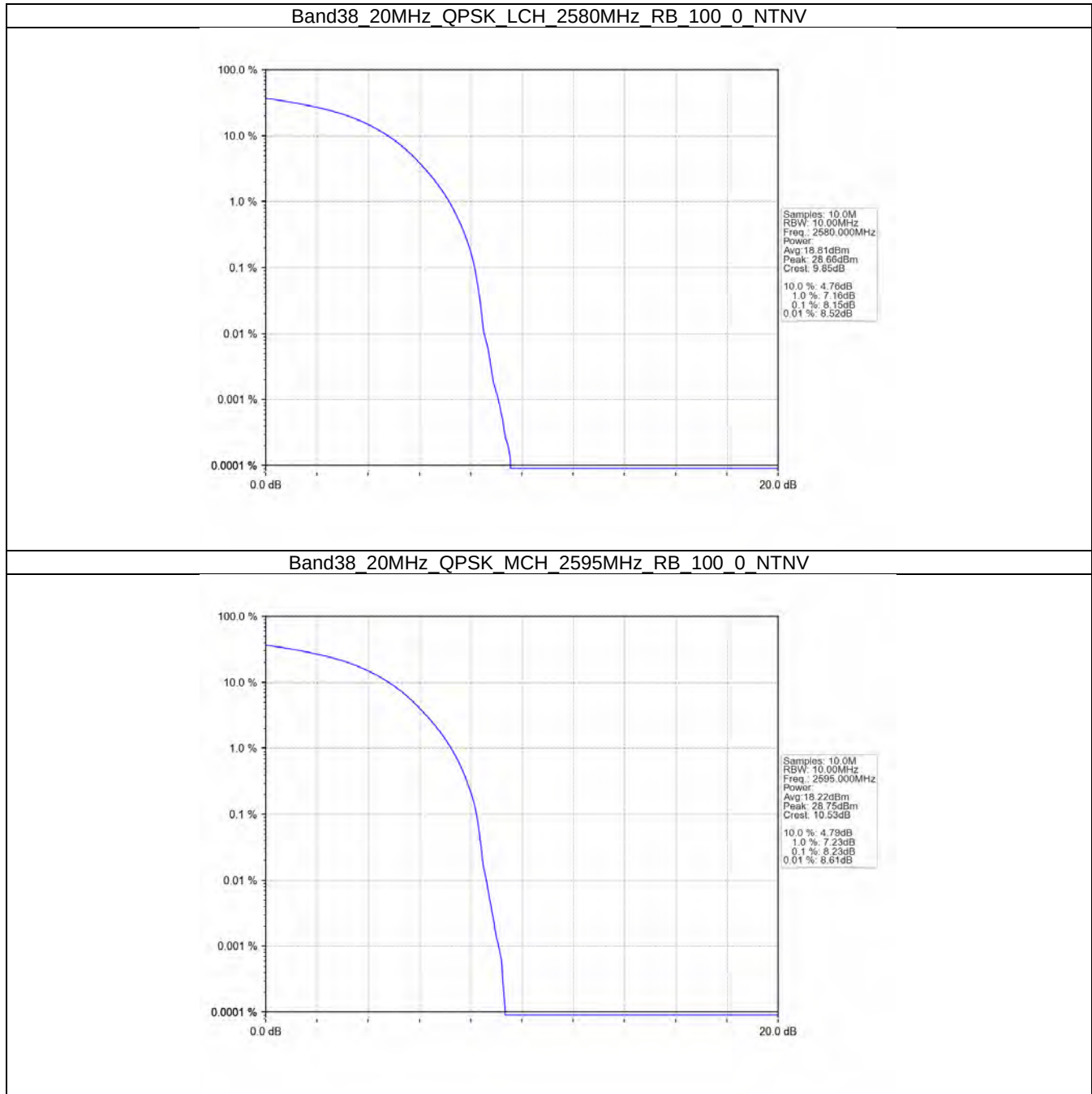


4.4 B38_20MHz

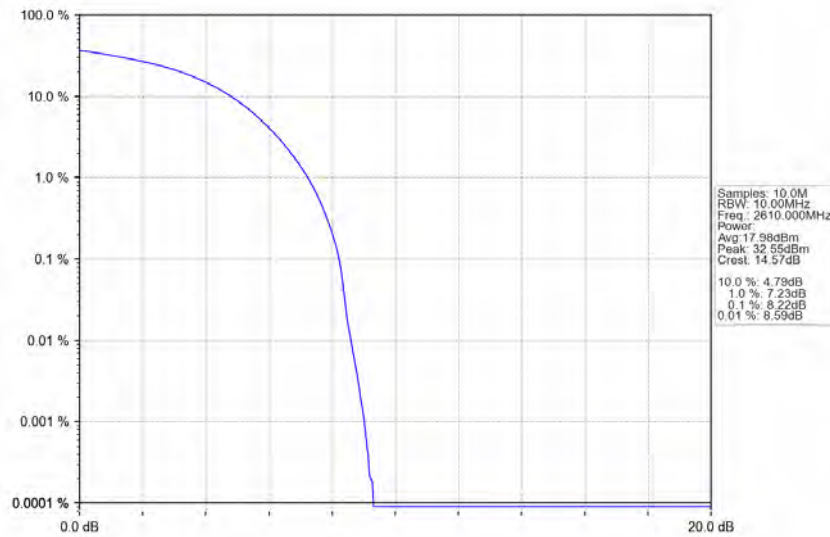
4.4.1 Test Result

Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	100	0	8.15	<=13	Pass
	2595	100	0	8.23	<=13	Pass
	2610	100	0	8.22	<=13	Pass
16QAM	2580	100	0	8.72	<=13	Pass
	2595	100	0	8.82	<=13	Pass
	2610	100	0	8.76	<=13	Pass
64QAM	2580	100	0	8.81	<=13	Pass
	2595	100	0	9.04	<=13	Pass
	2610	100	0	8.73	<=13	Pass

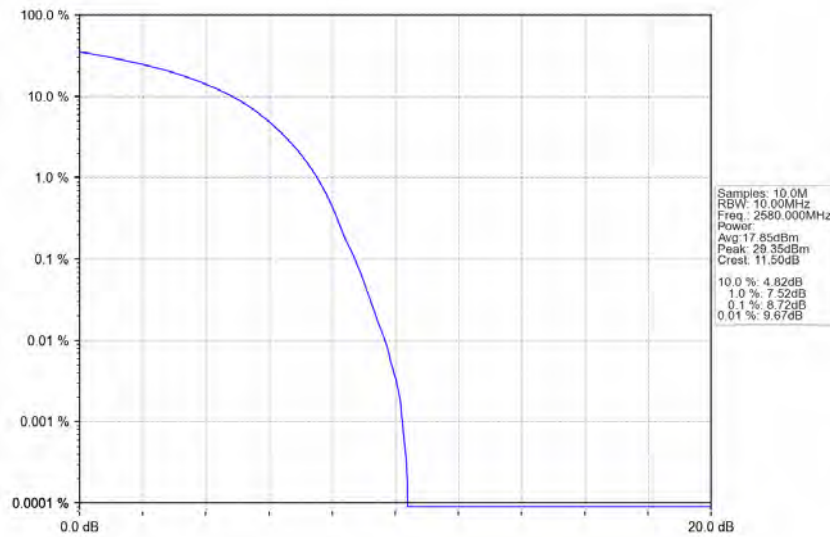
4.4.2 Test Graph



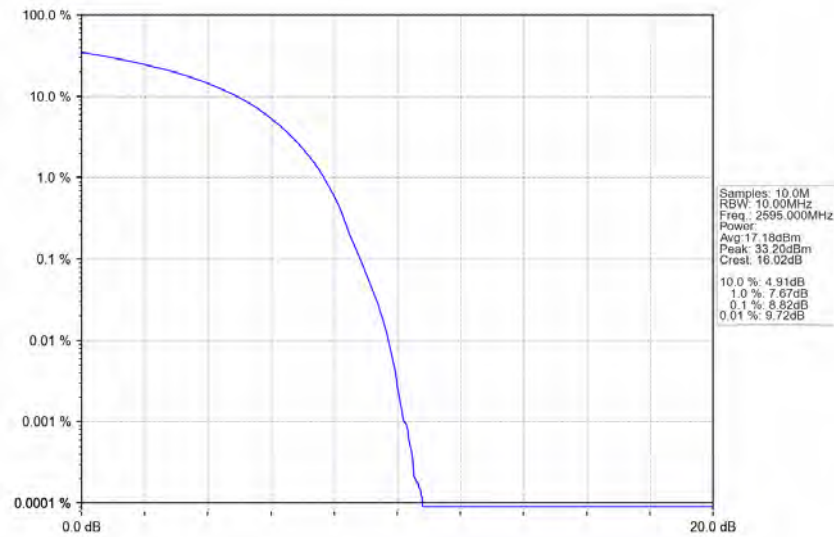
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



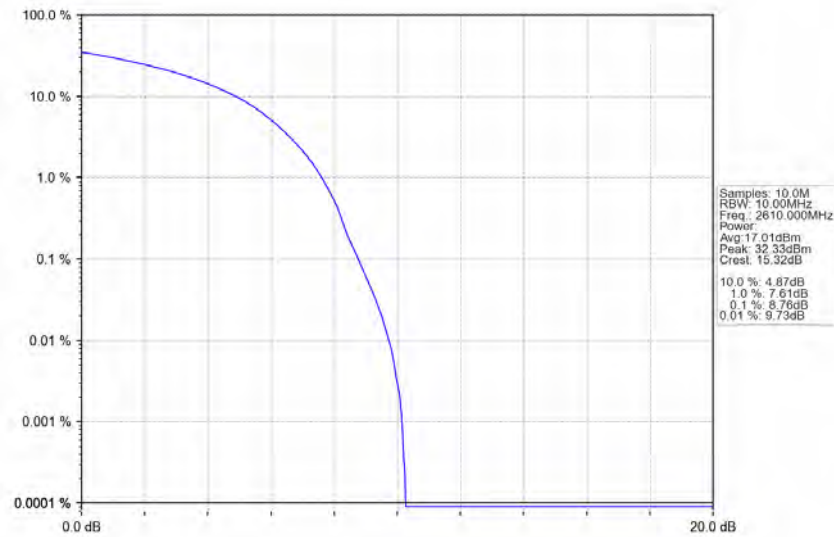
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



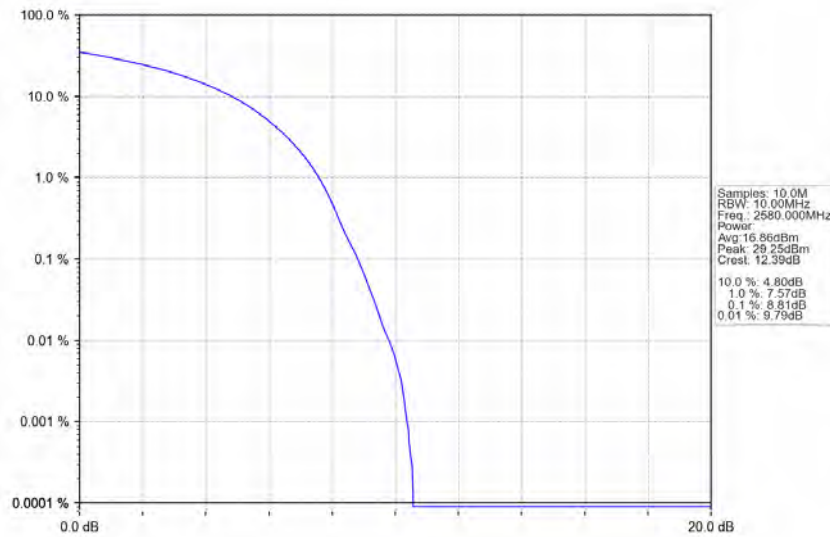
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



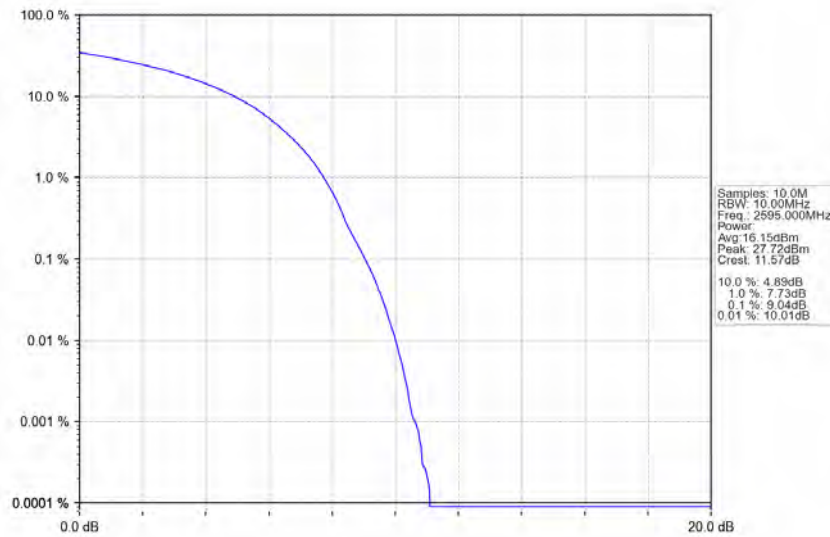
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



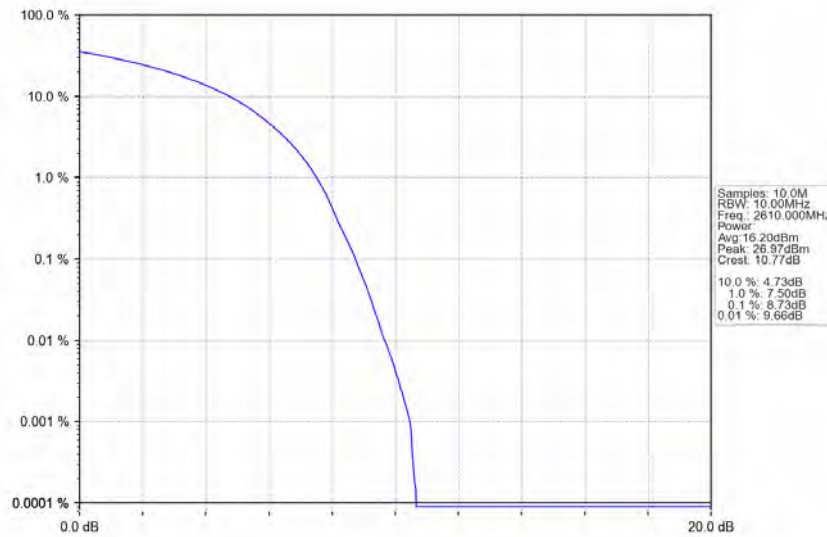
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



5. Spurious Emission

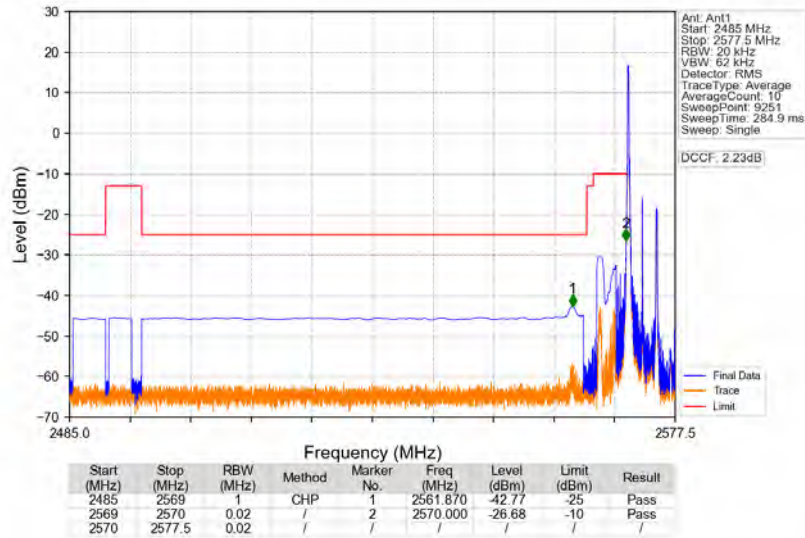
5.1 B38_5MHz

5.1.1 Test Result

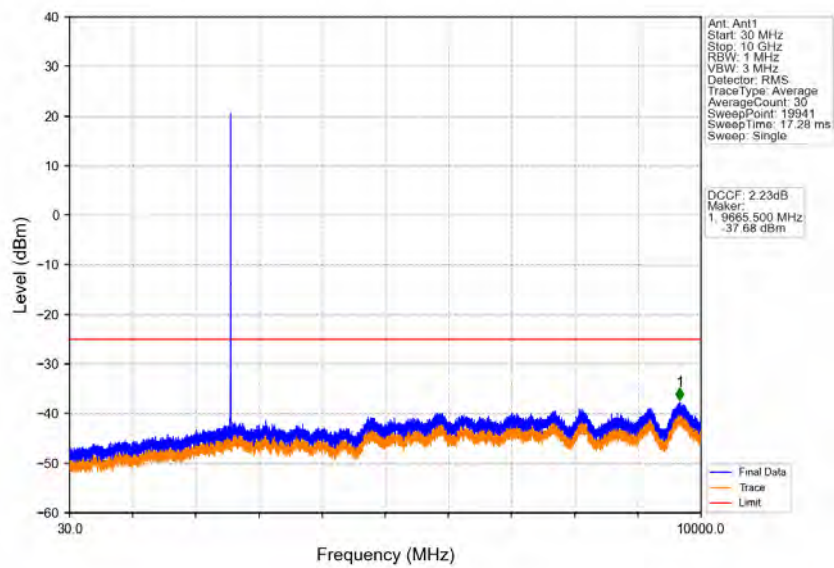
Band: 38 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2572.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2617.5	1	0	Refer To Test Graph		Pass
			24	Refer To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

5.1.2 Test Graph

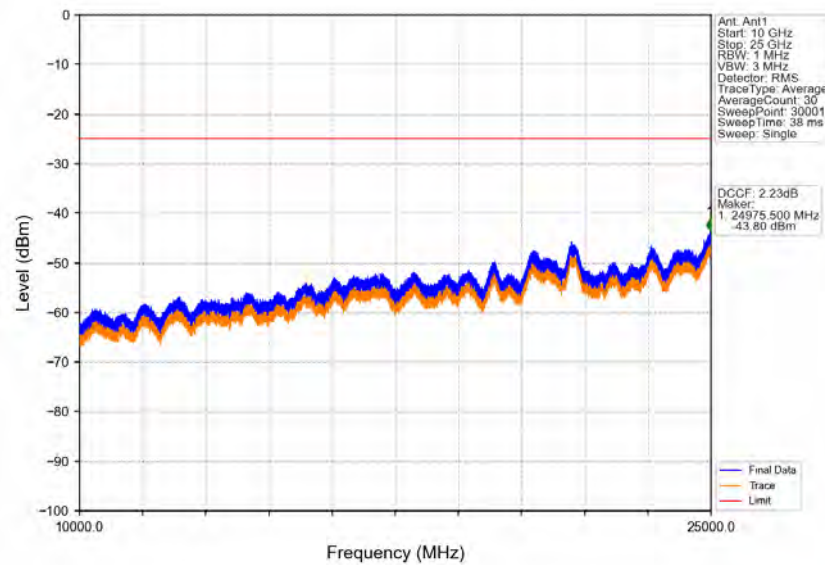
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



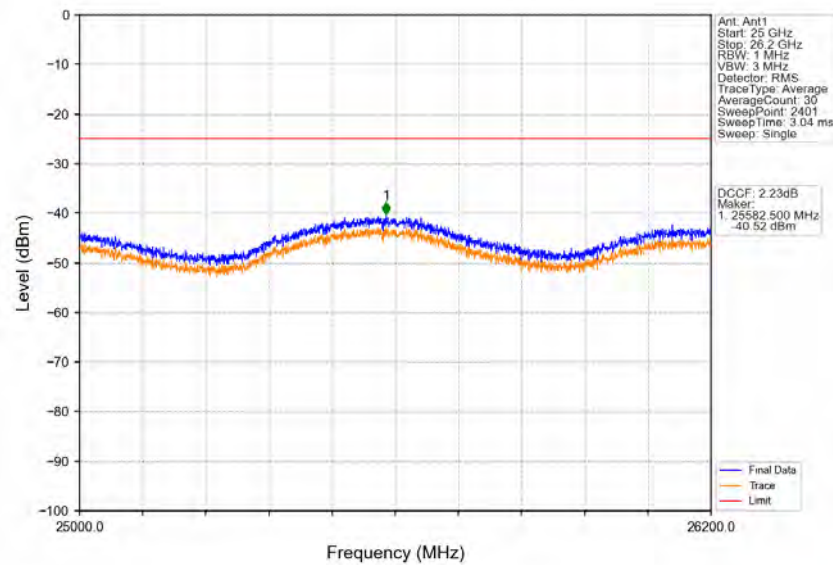
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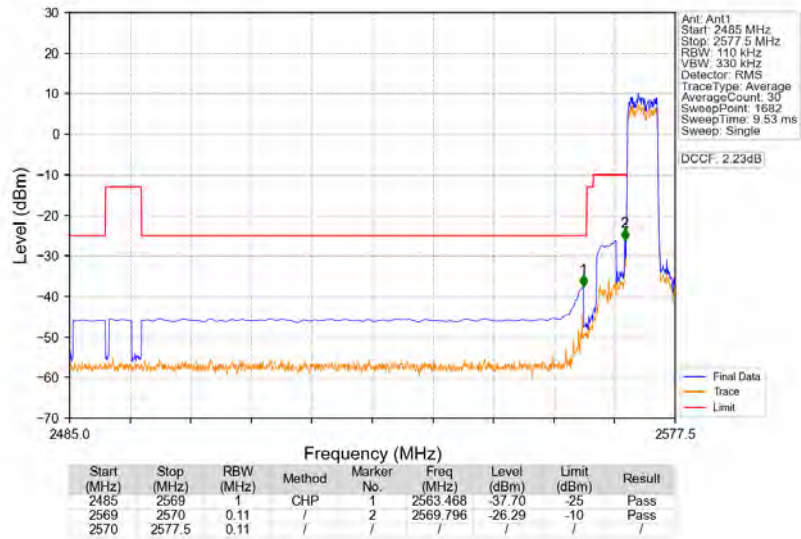
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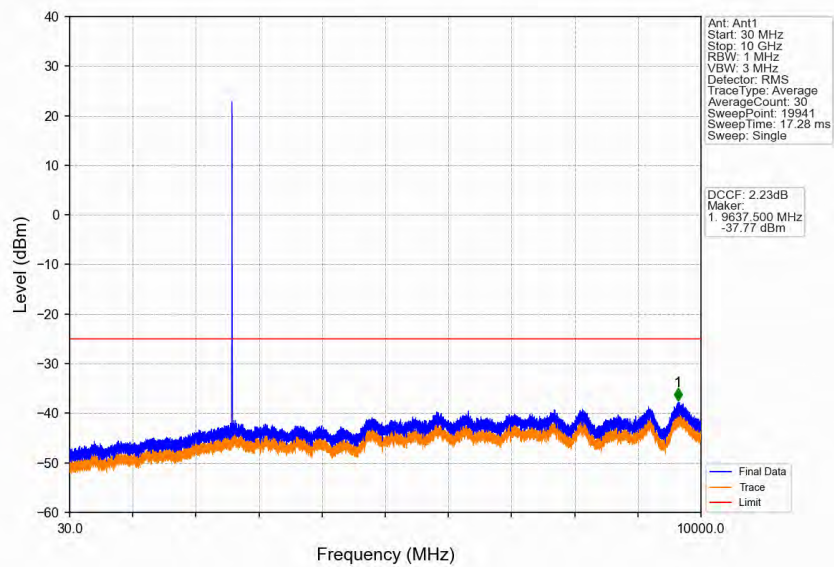
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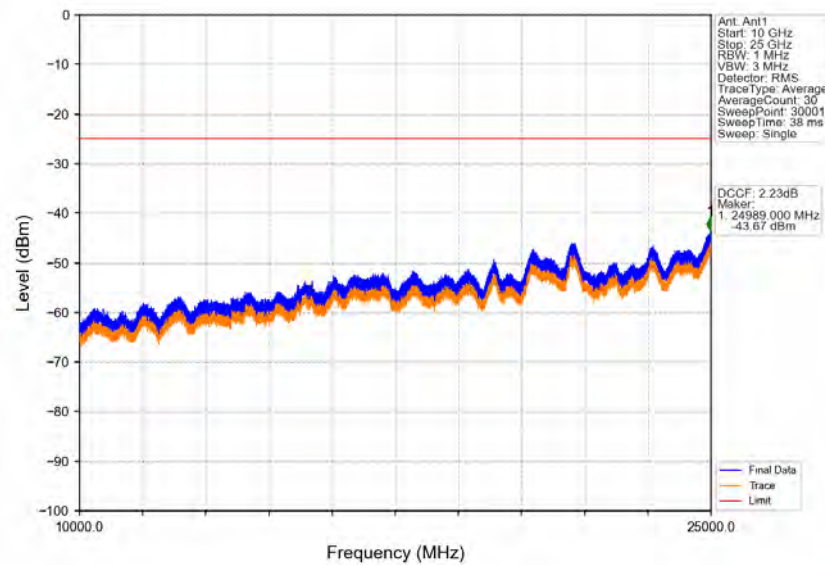
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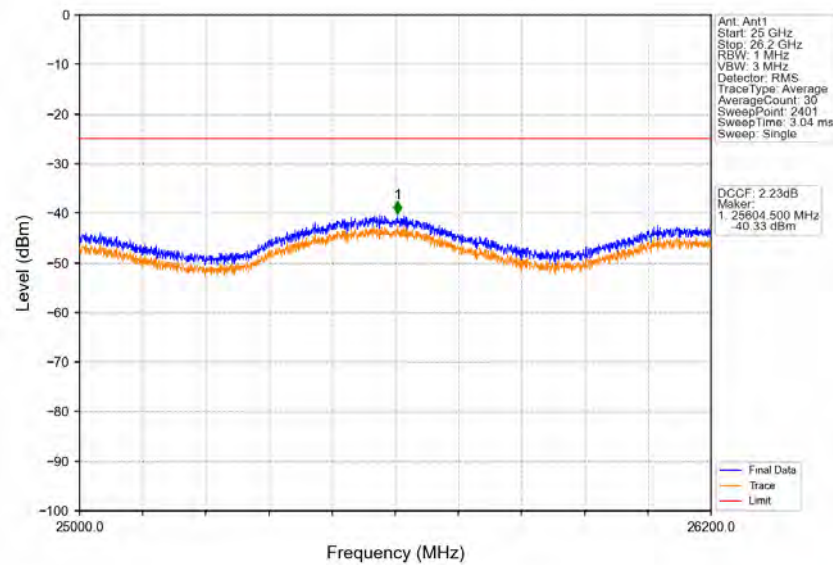
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



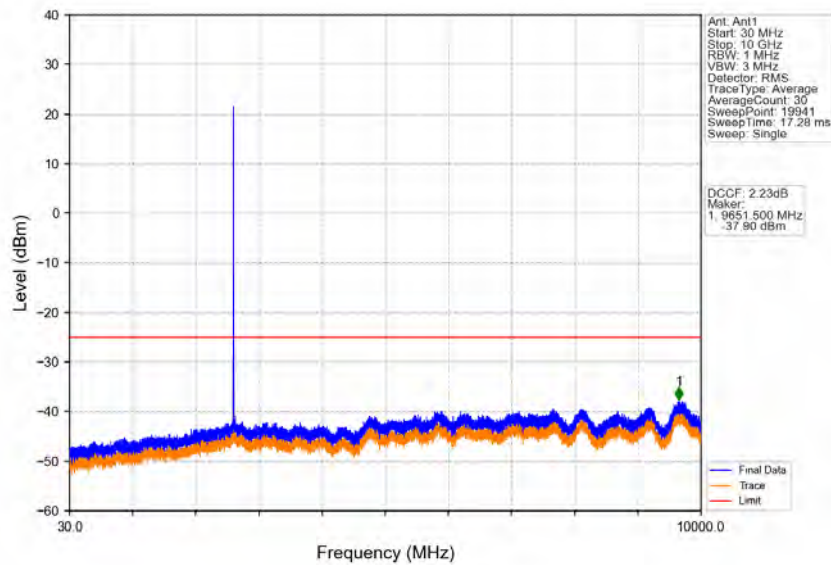
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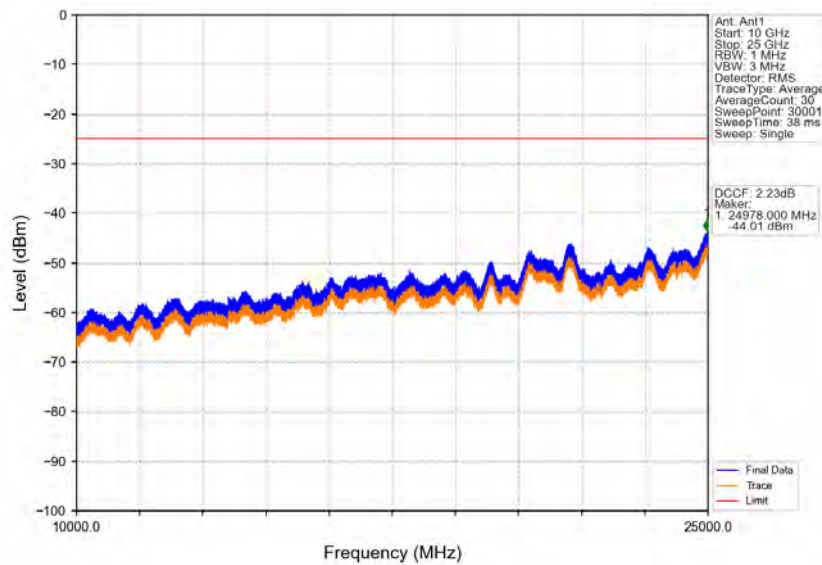
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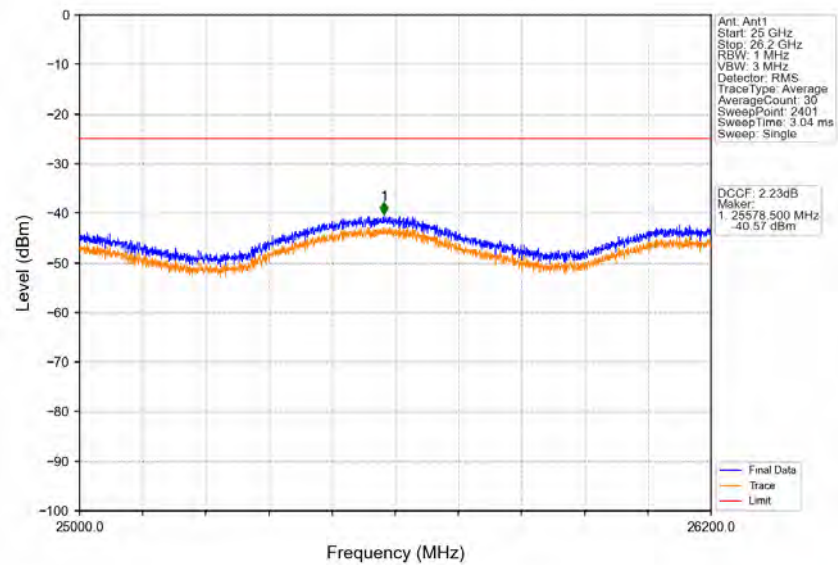
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



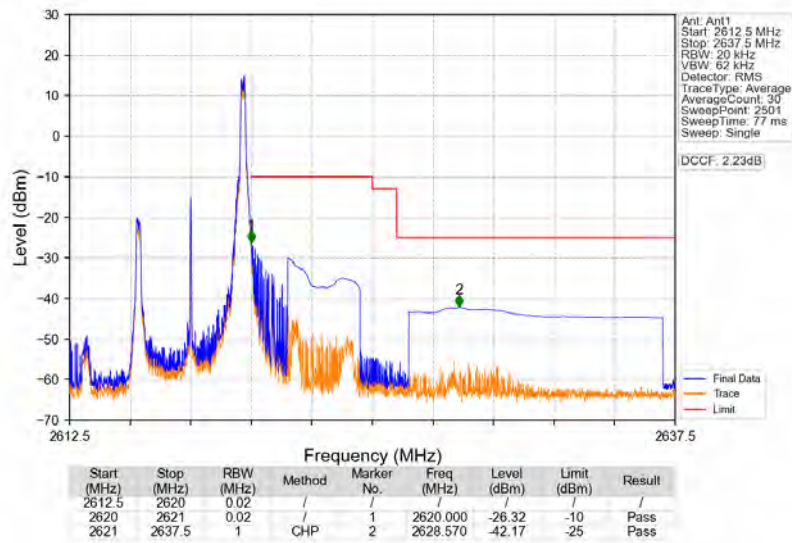
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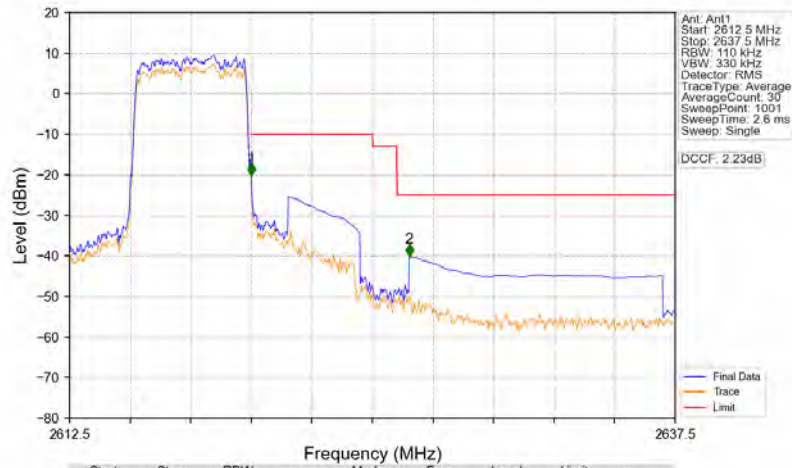
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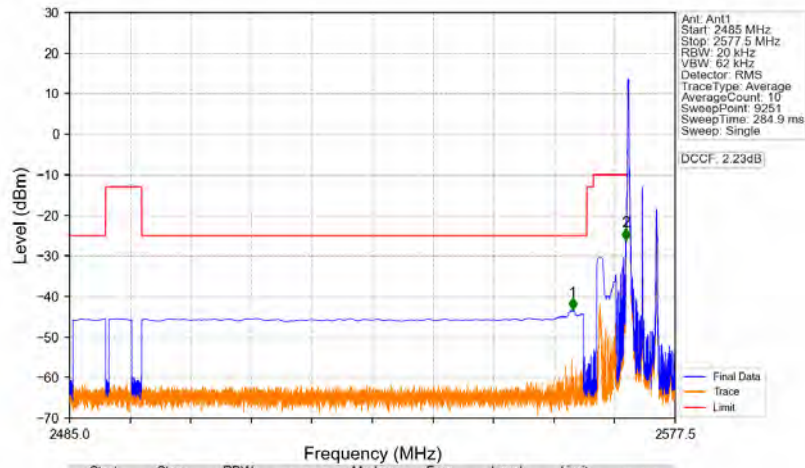
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTNV



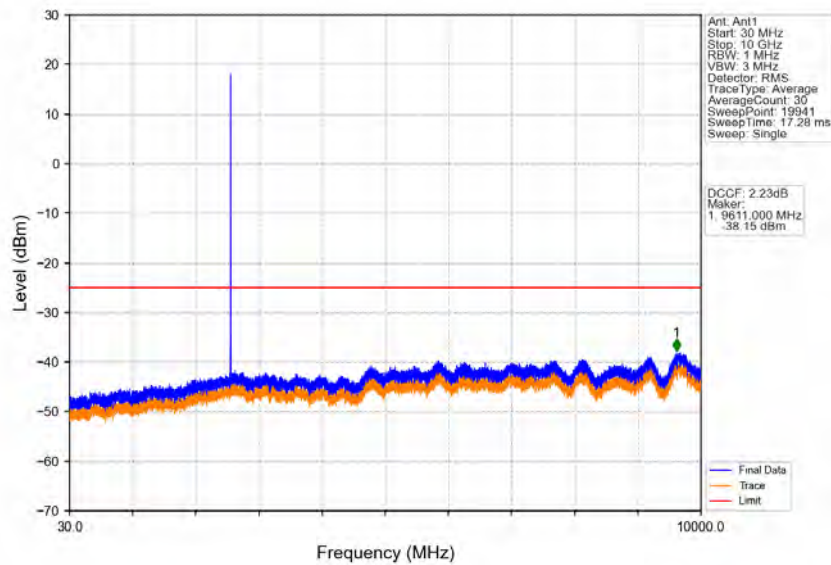
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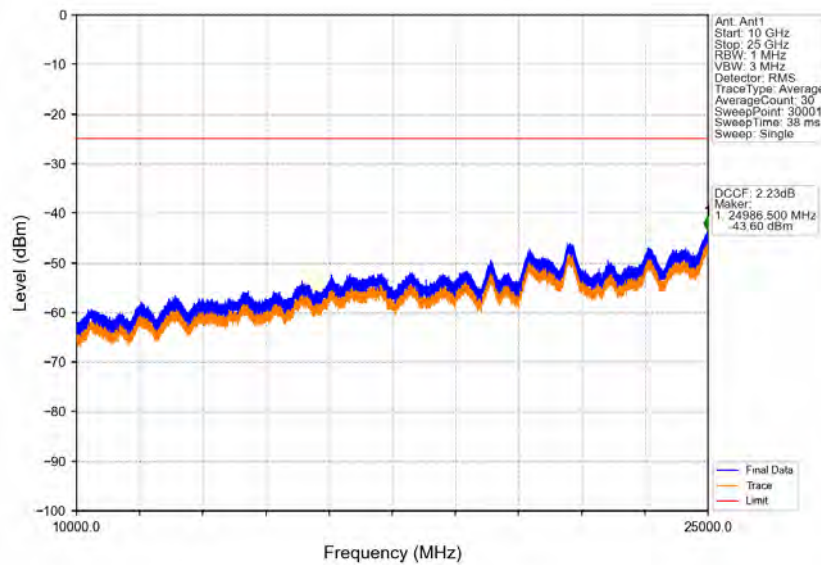
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



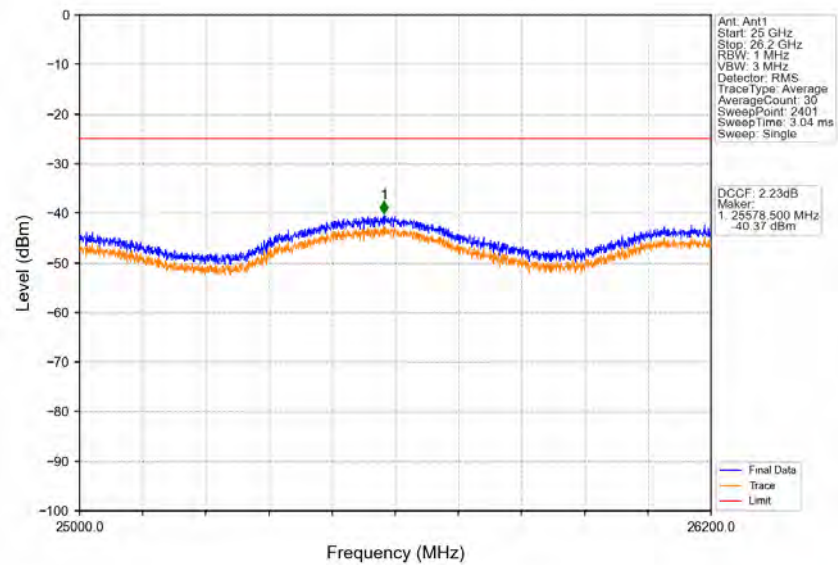
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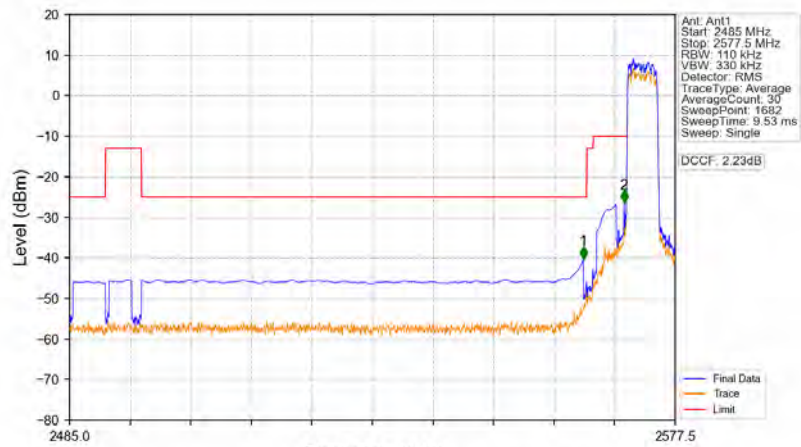
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV

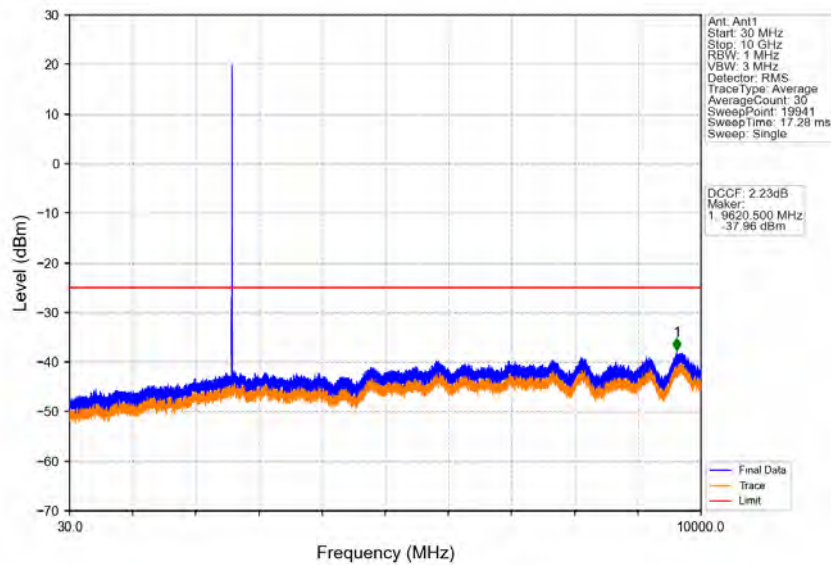


Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV

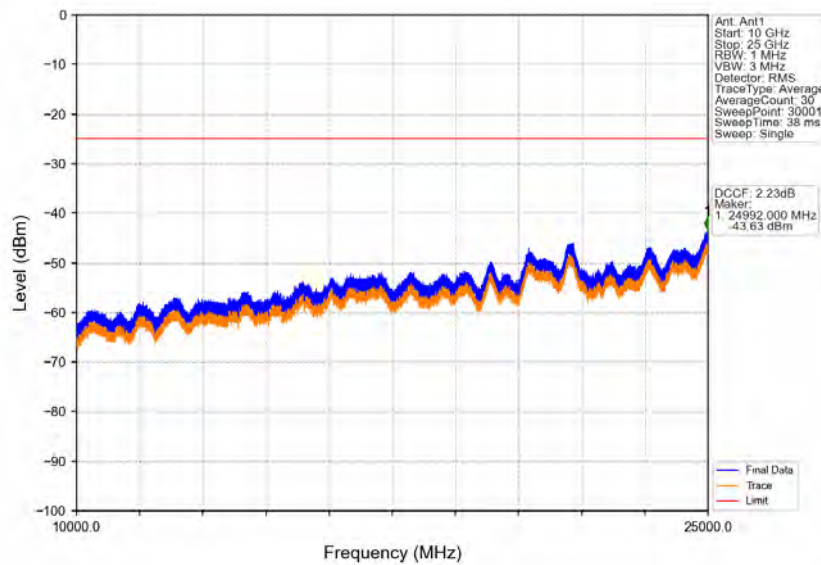


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2563.468	-40.24	-25	Pass
2569	2570	0.11	/	2	2569.686	-26.34	-10	Pass
2570	2577.5	0.11	/	/	/	/	/	/

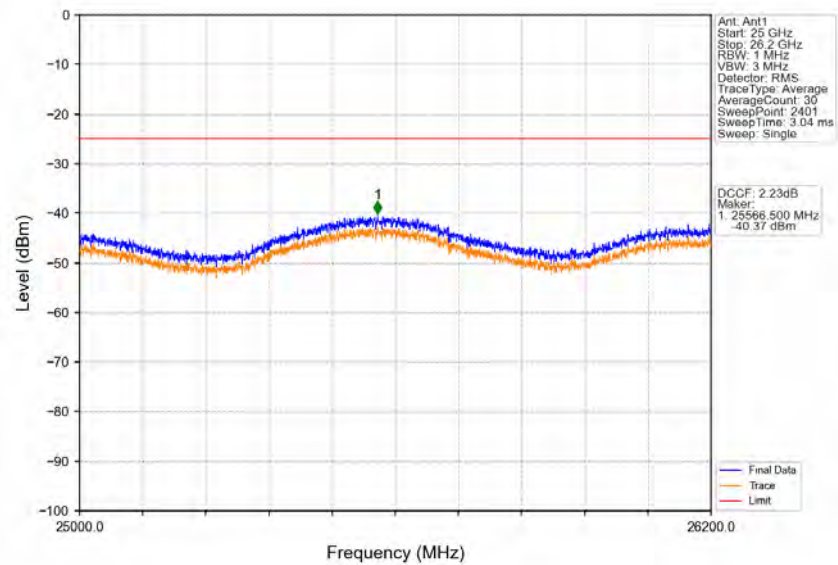
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



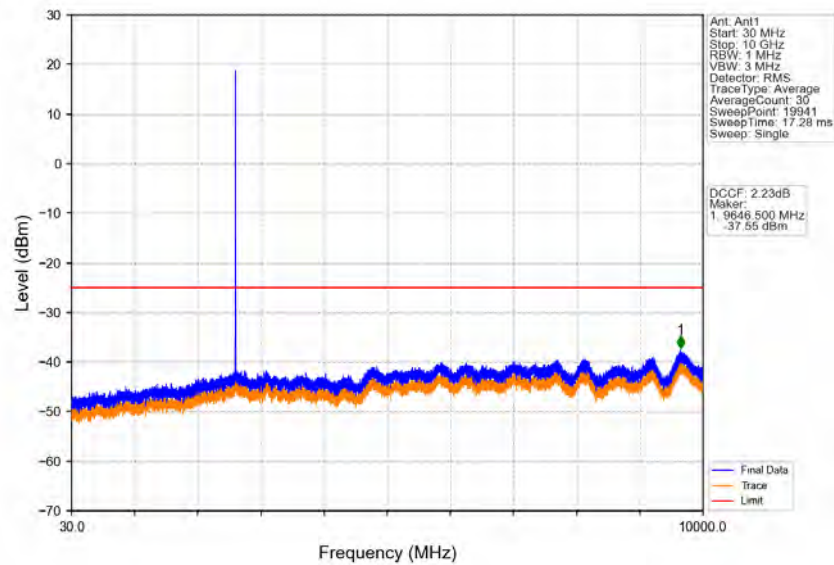
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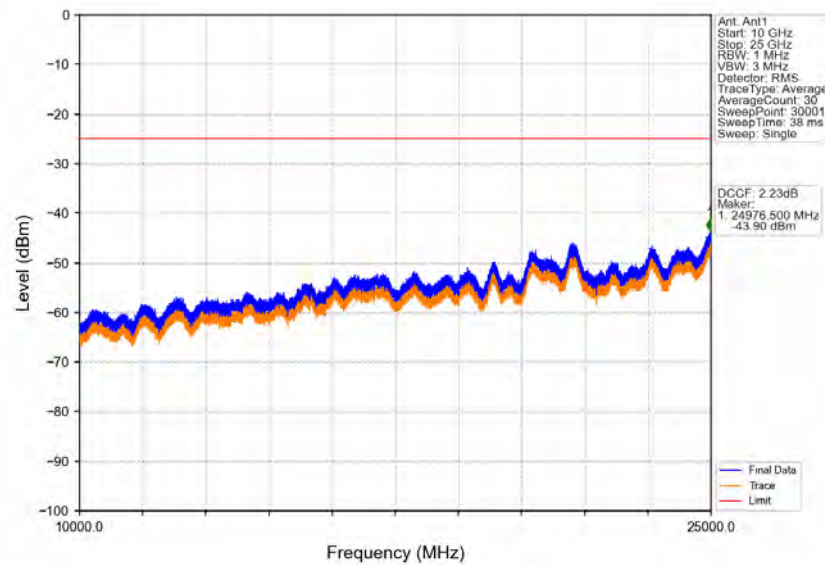
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



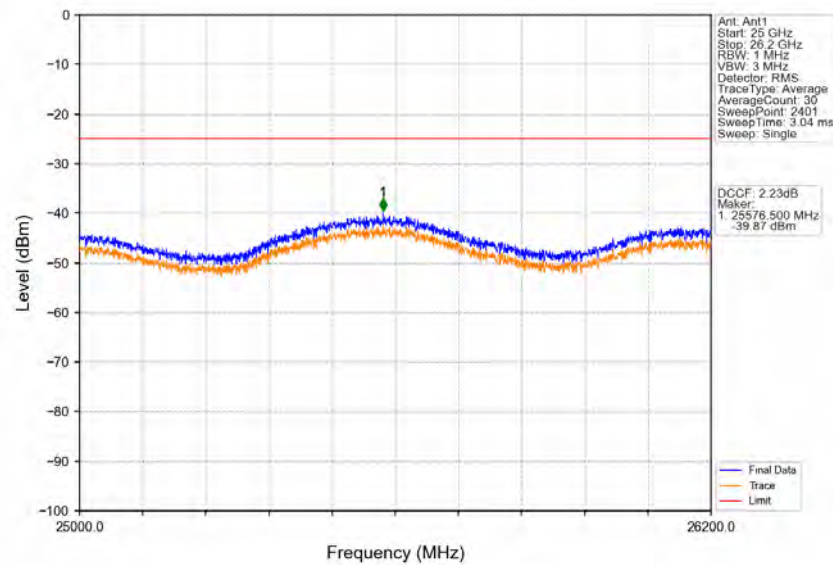
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV



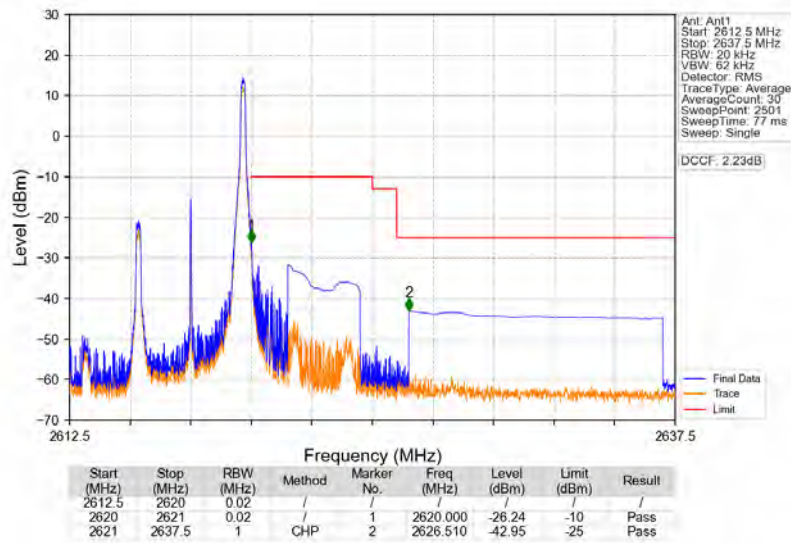
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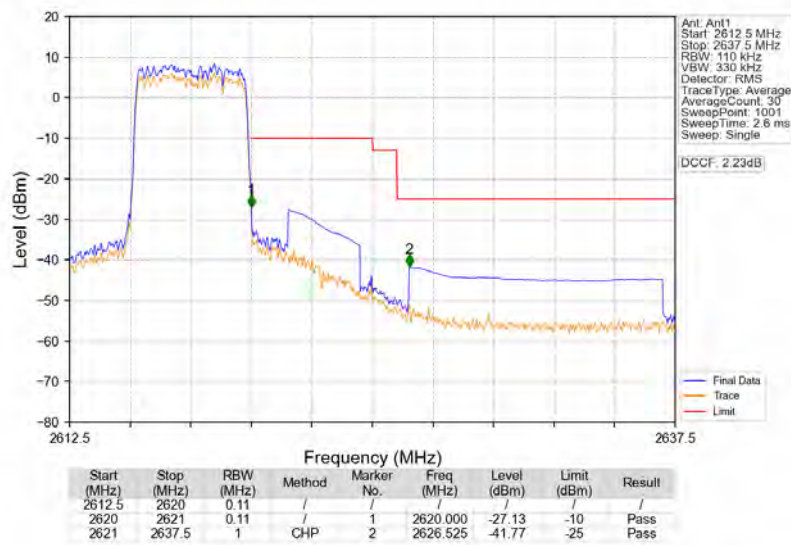
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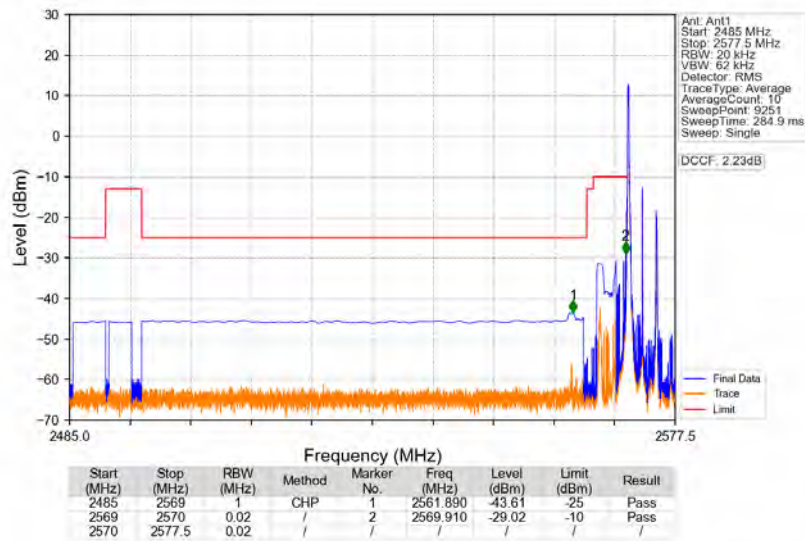
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_24_NTNV



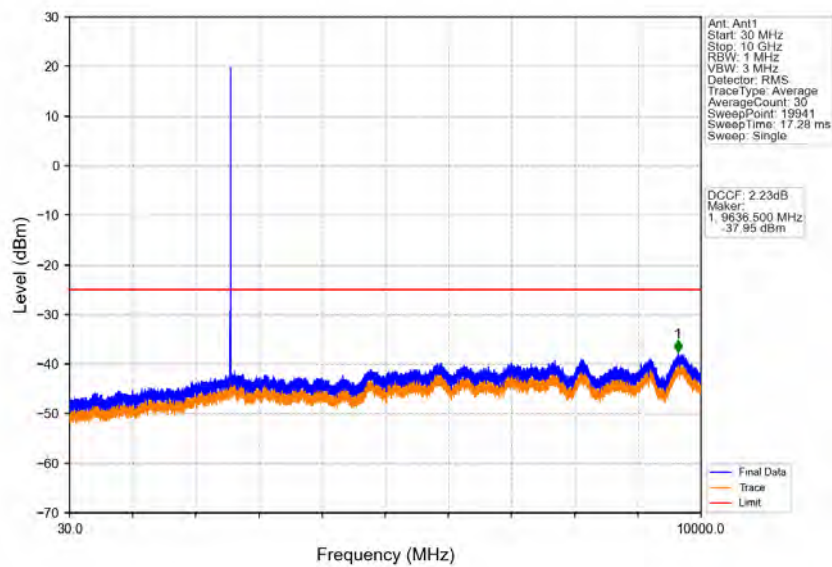
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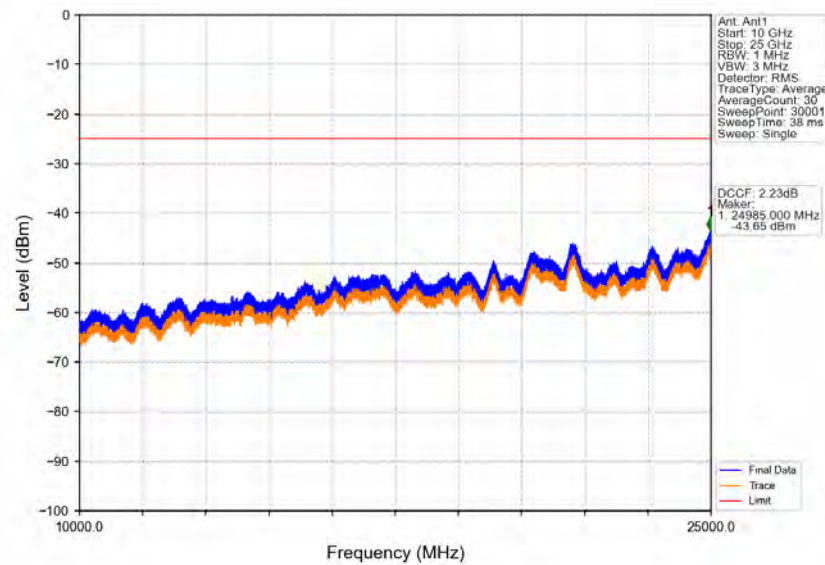
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_1_0_NTNV



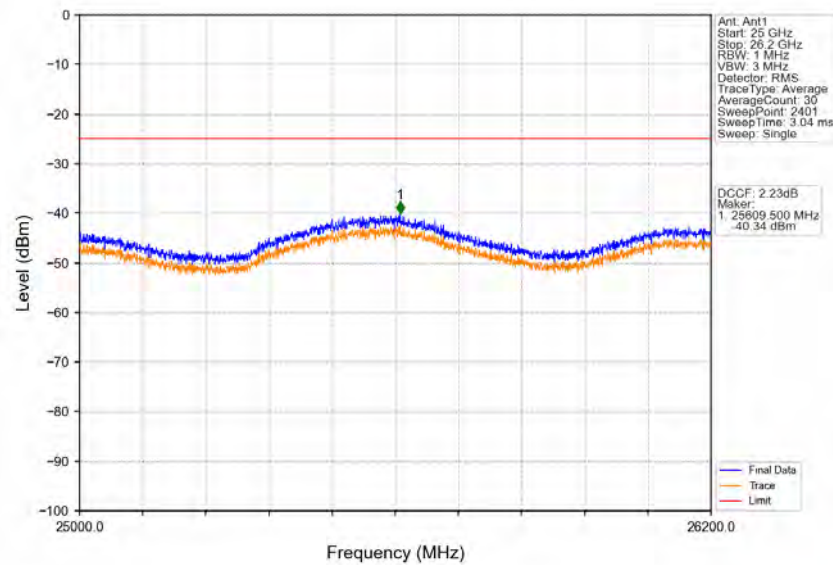
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_1_0_NTNV



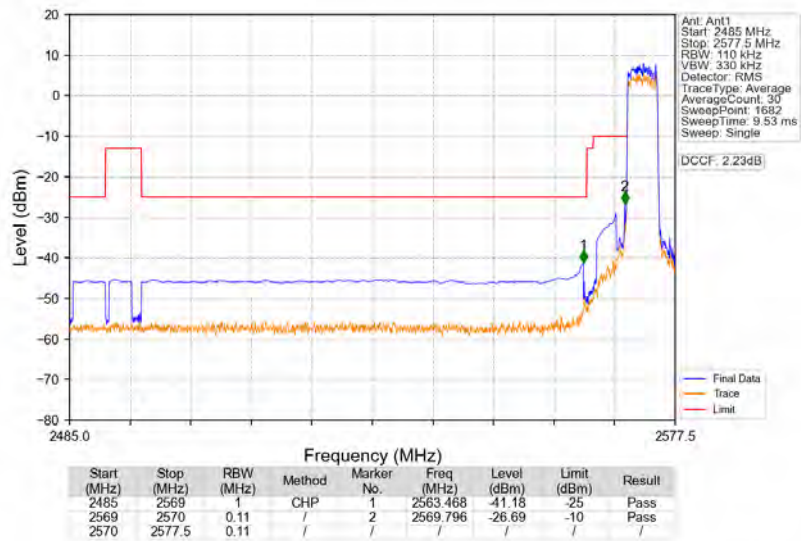
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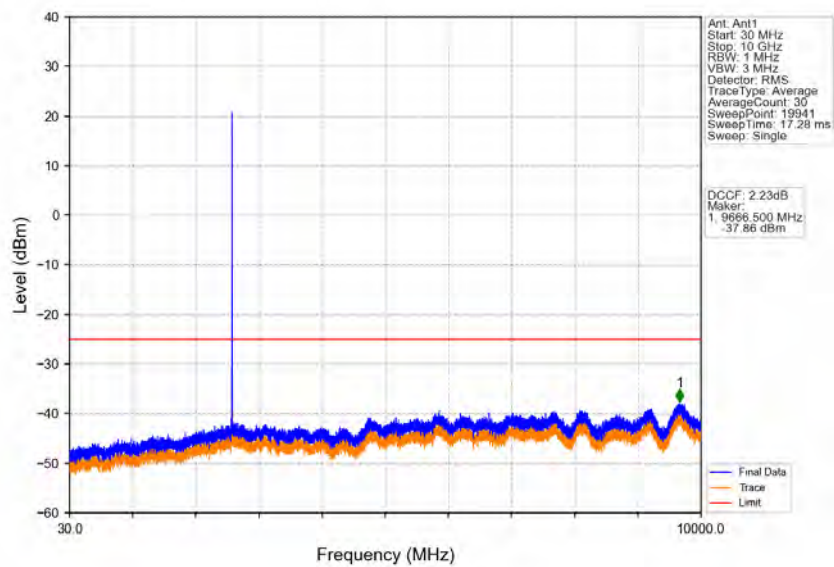
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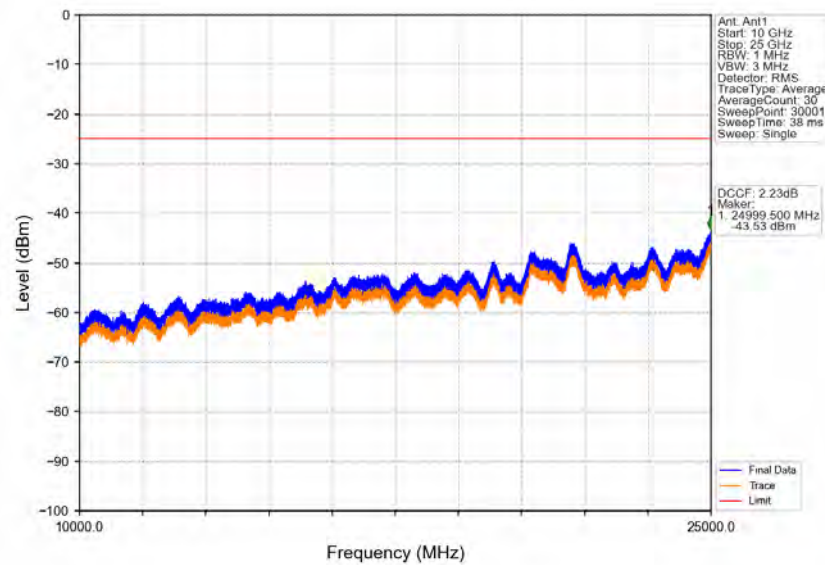
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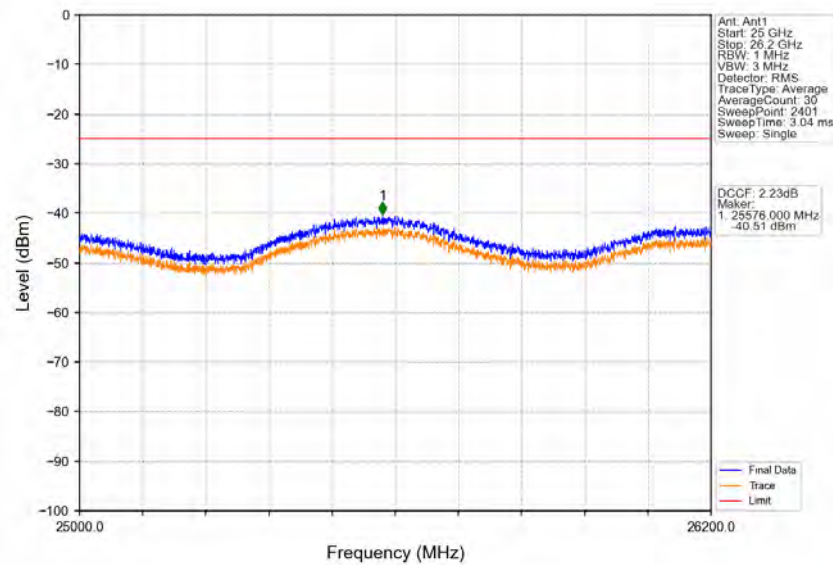
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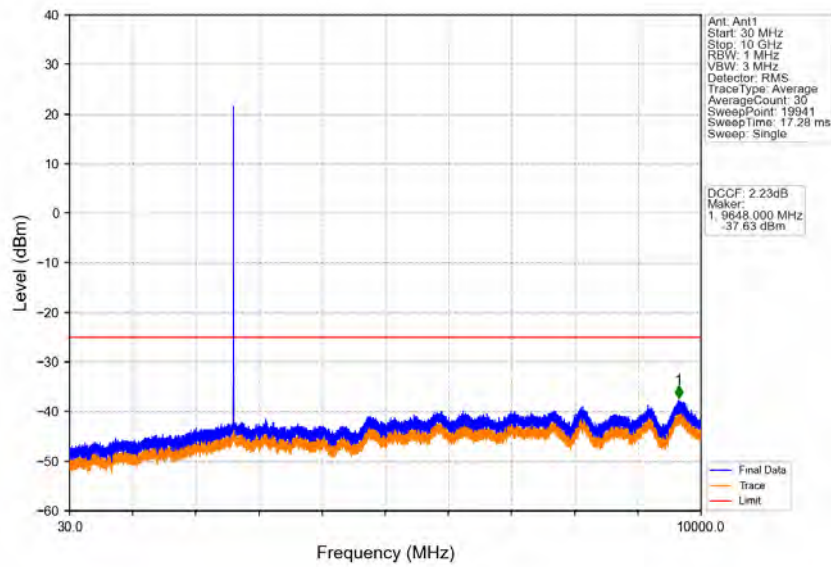
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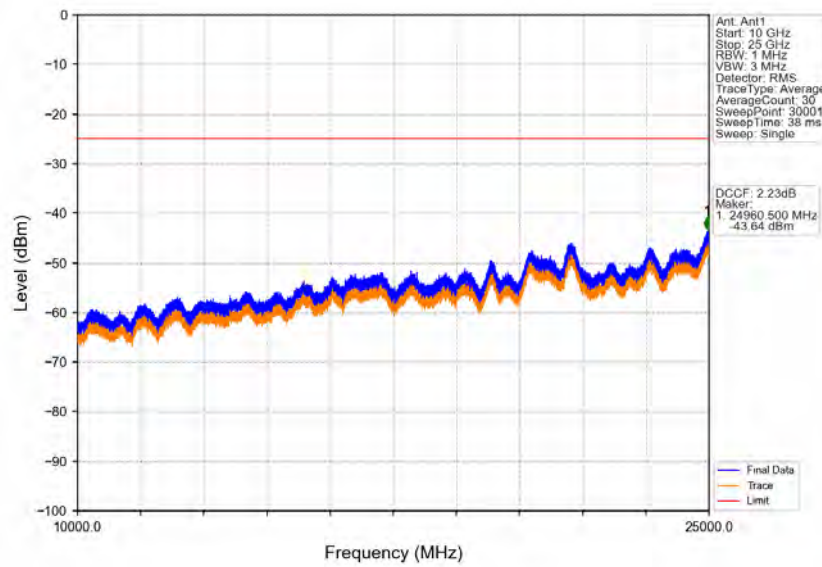
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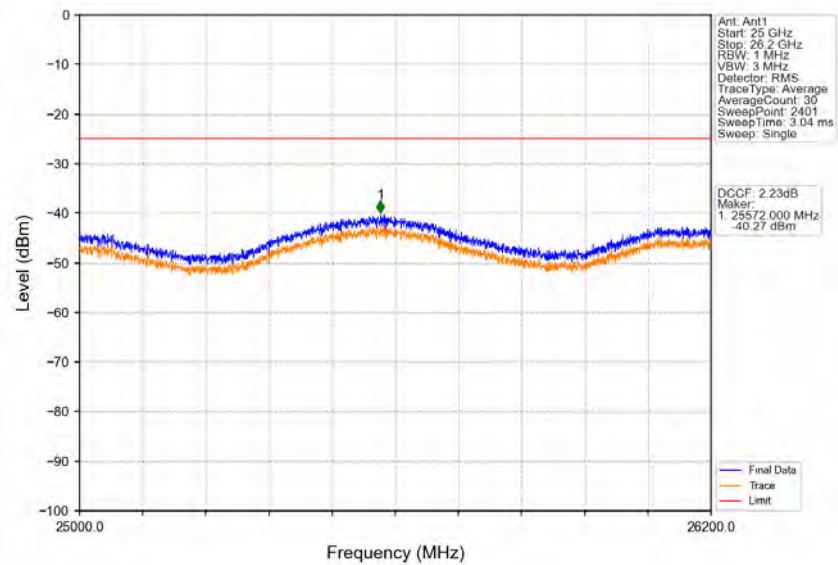
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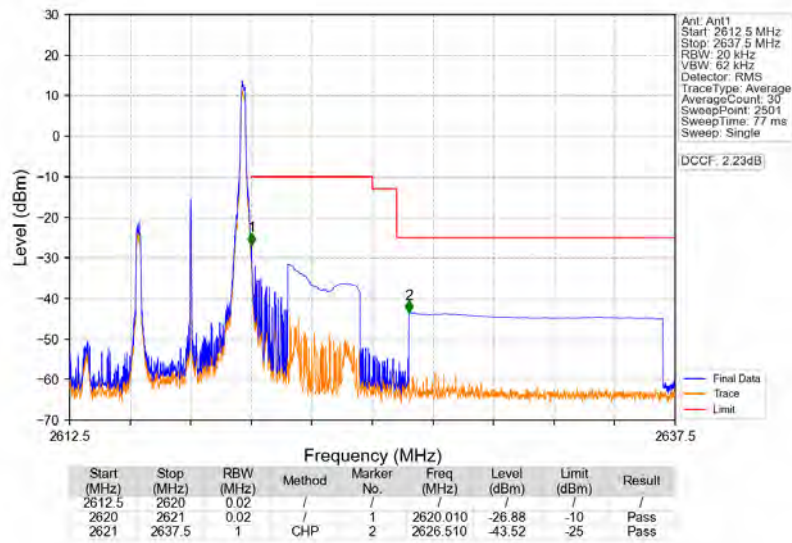
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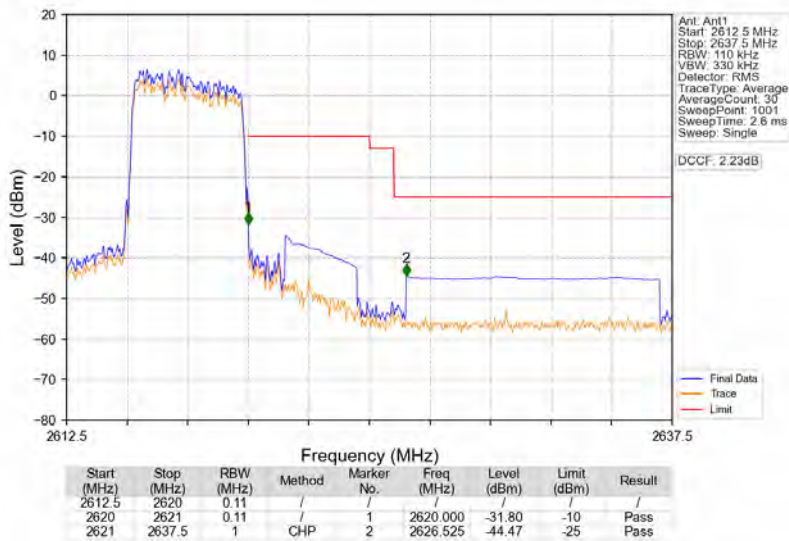
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_64QAM_HCH_2617.5MHz_RB_1_24_NTNV



Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



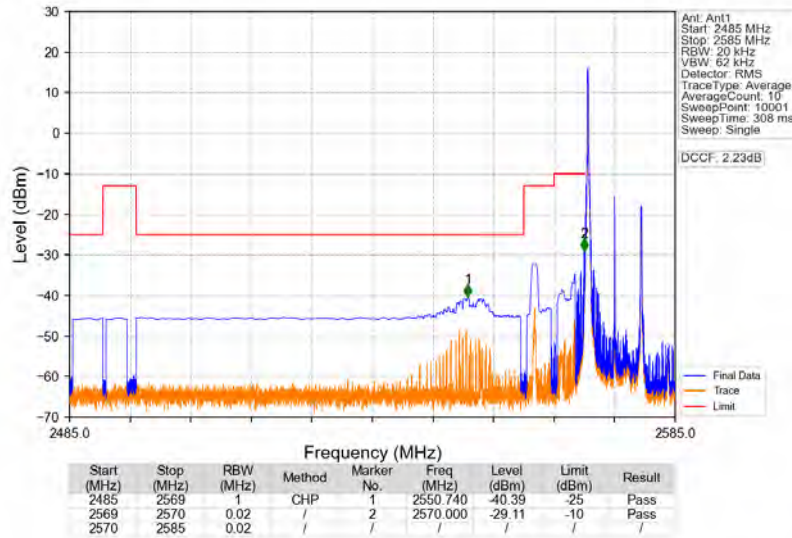
5.2 B38_10MHz

5.2.1 Test Result

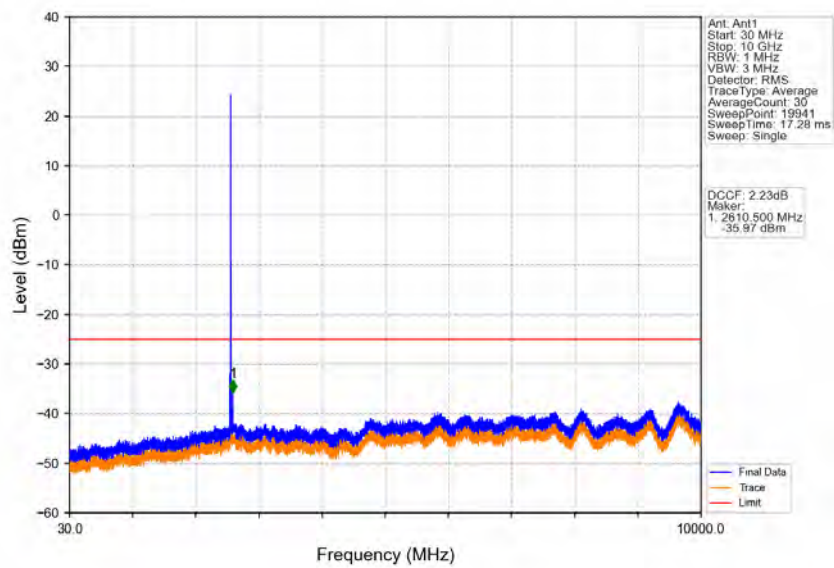
Band: 38 / Bandwidth: 10MHz / NTVN							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	2575	1	0	Refer To Test Graph		Pass	
		50	0	Refer To Test Graph		Pass	
	2595	1	0	Refer To Test Graph		Pass	
		2615	1	0	Refer To Test Graph		Pass
				49	Refer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

5.2.2 Test Graph

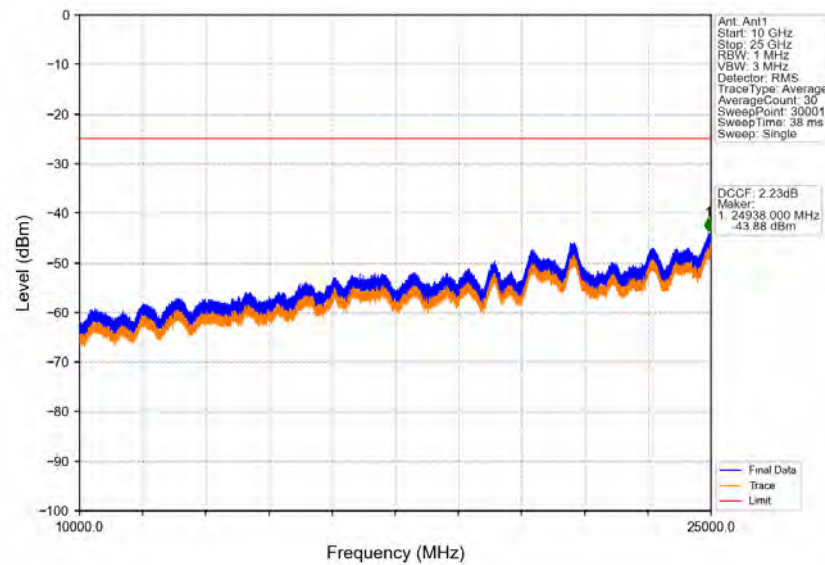
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



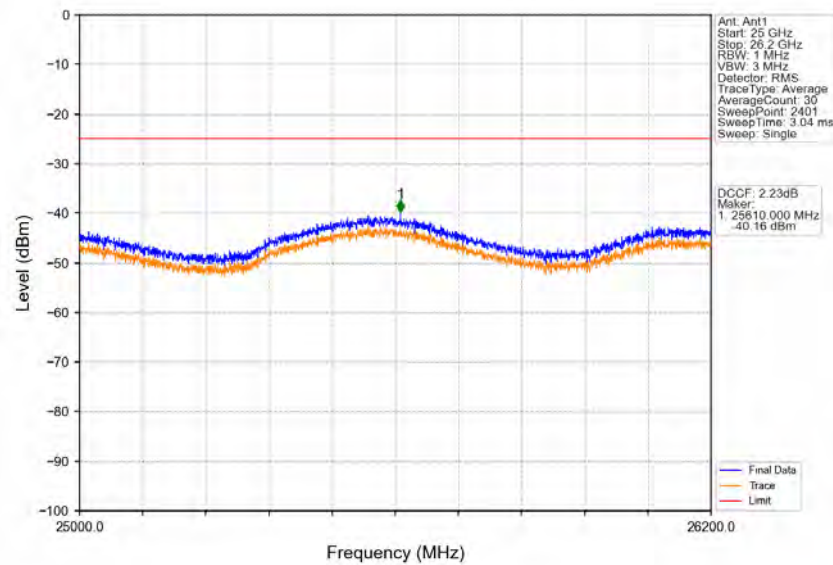
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



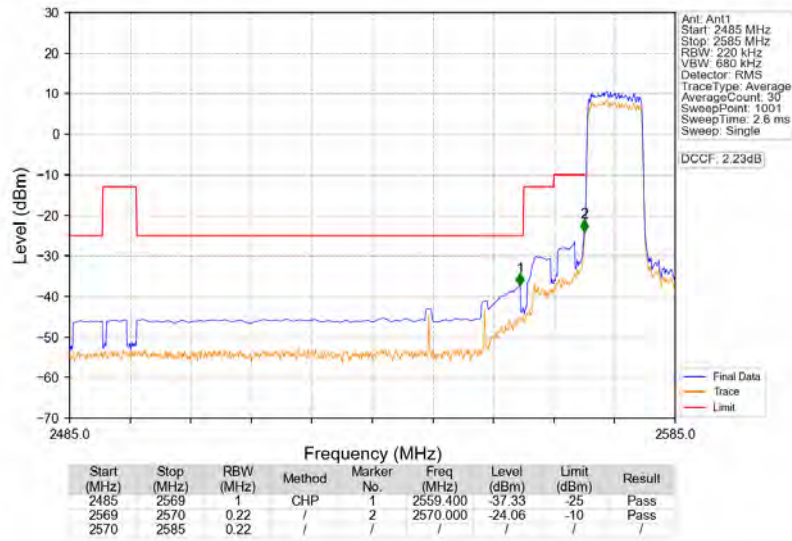
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



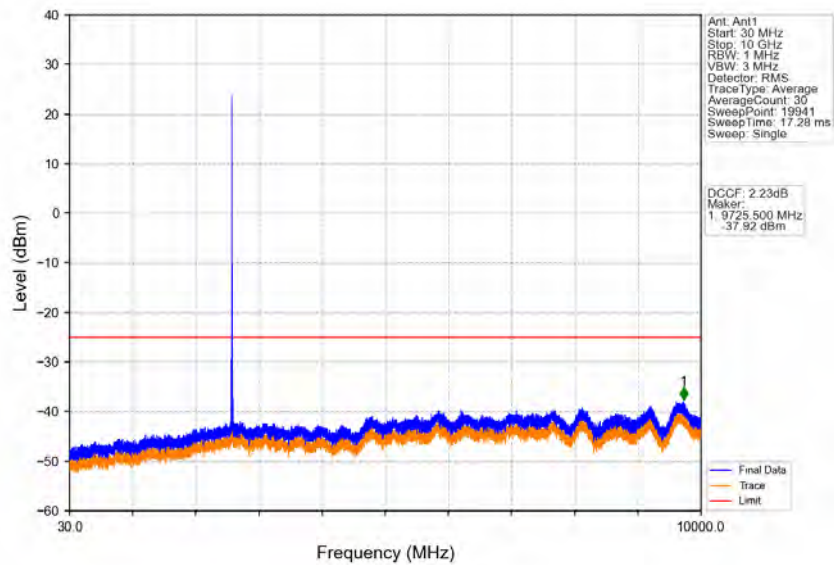
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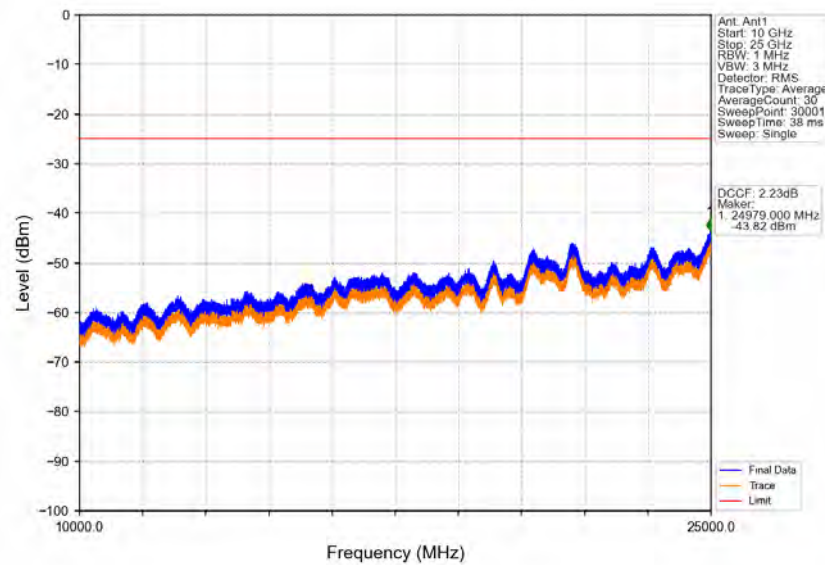
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



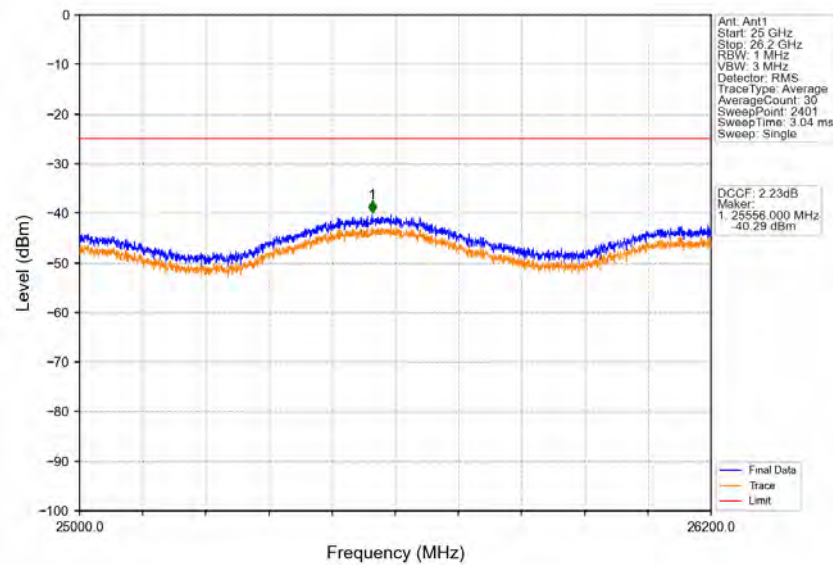
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



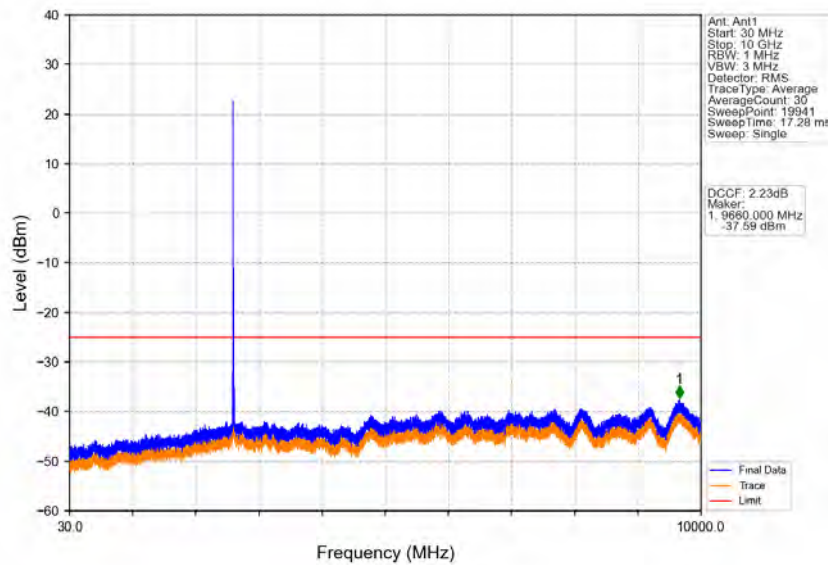
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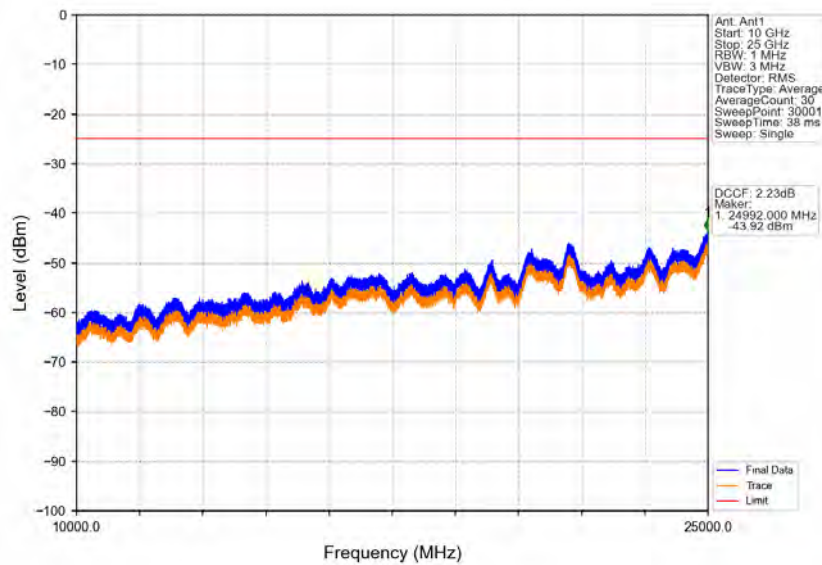
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



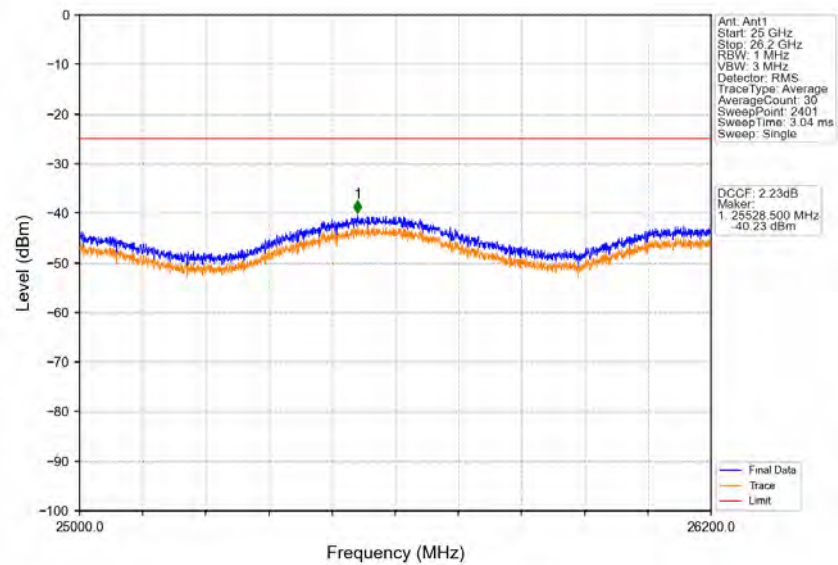
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



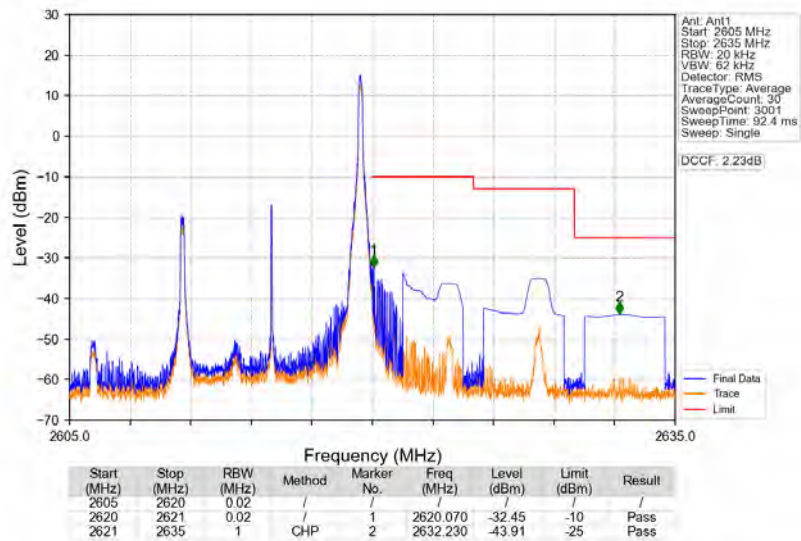
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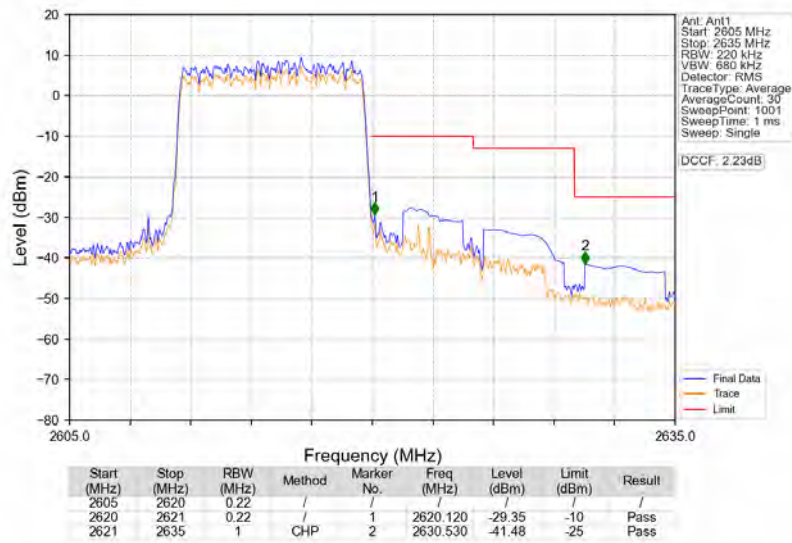
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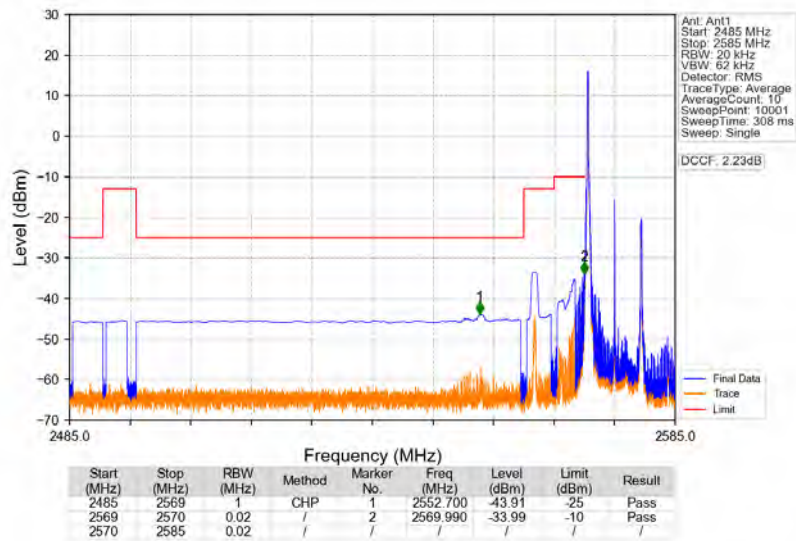
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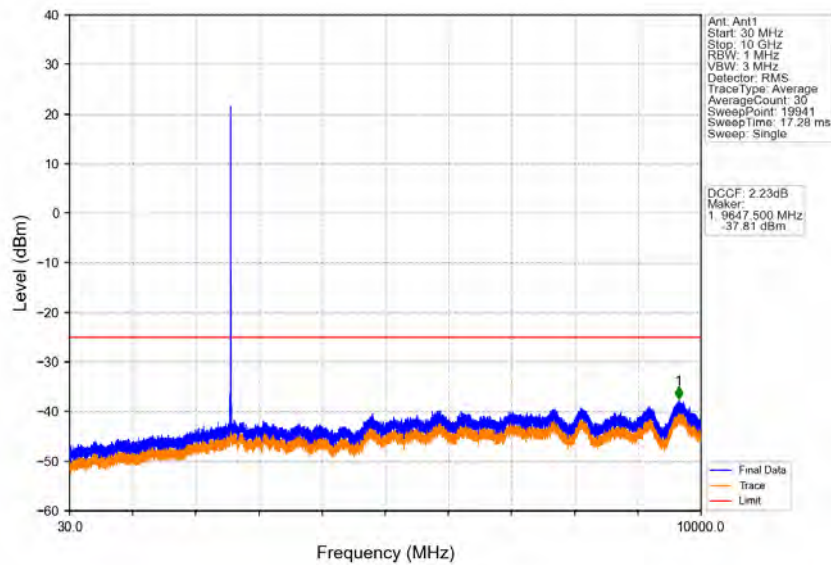
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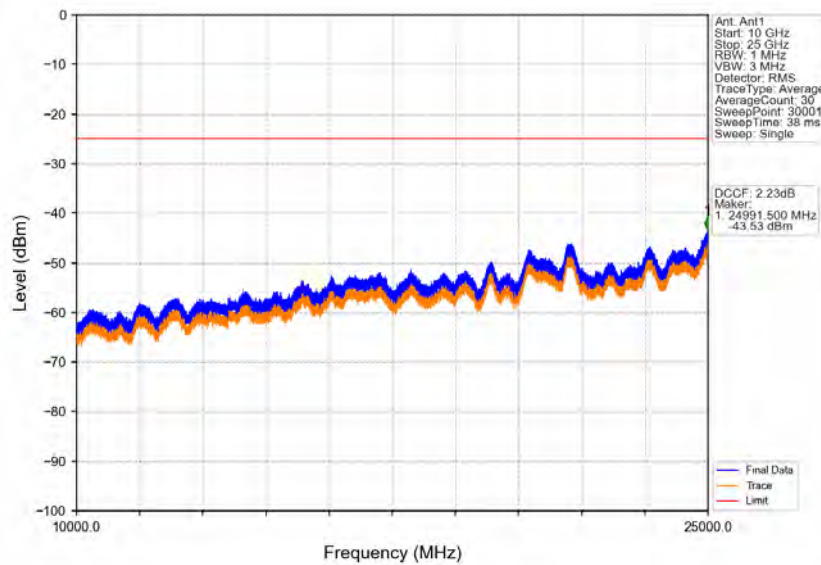
Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



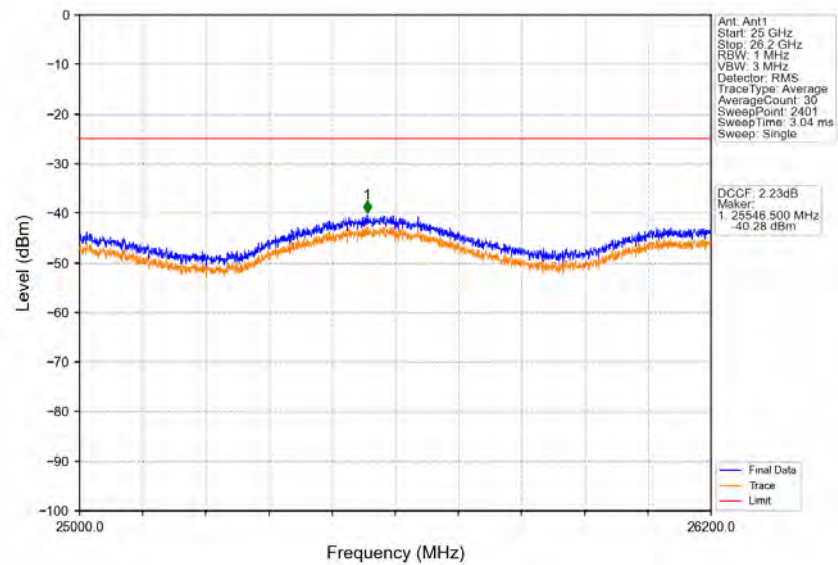
Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



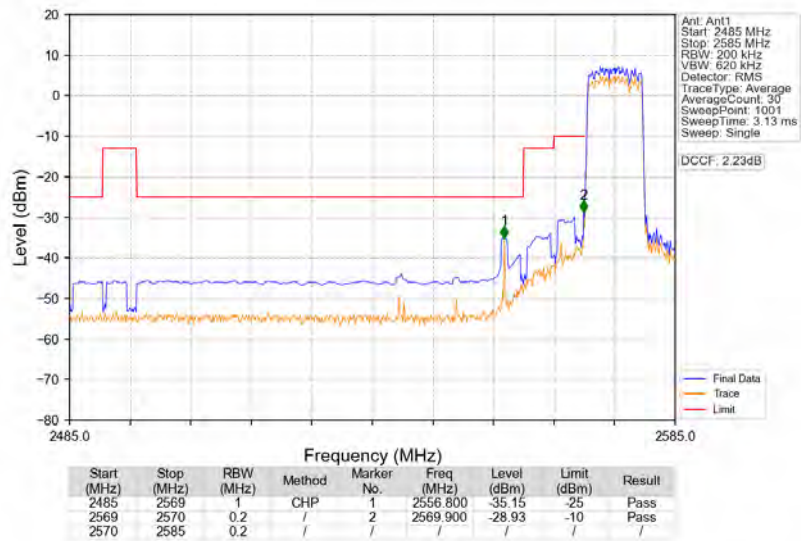
Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



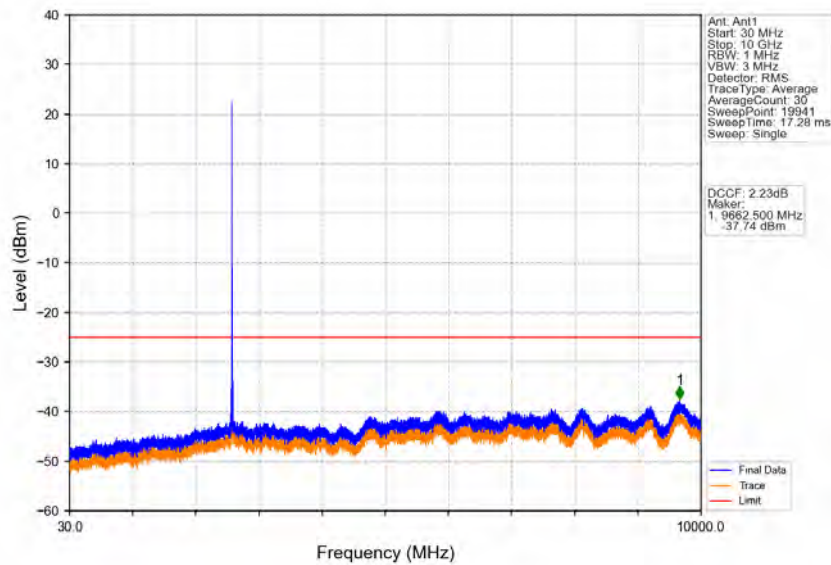
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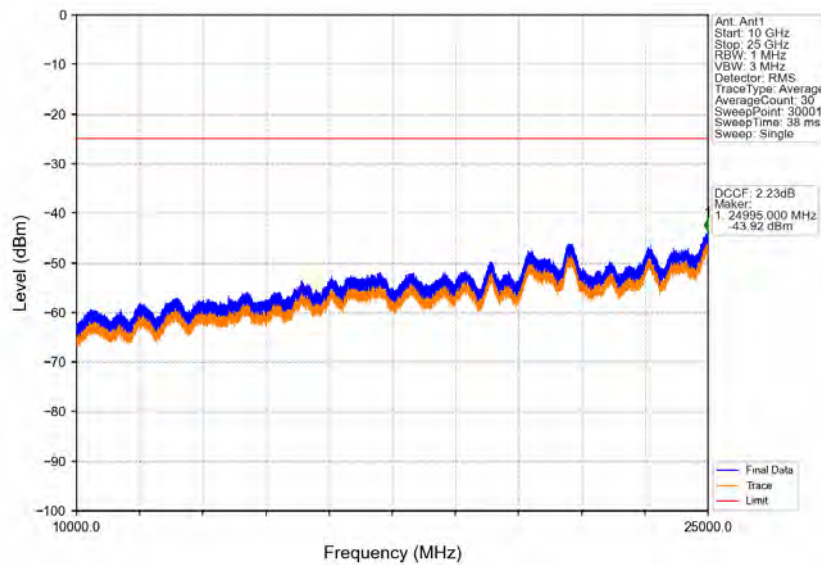
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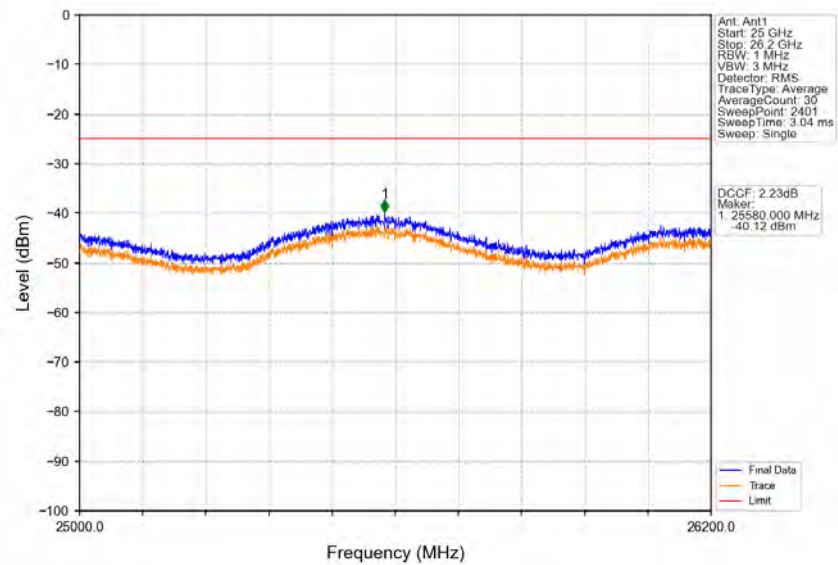
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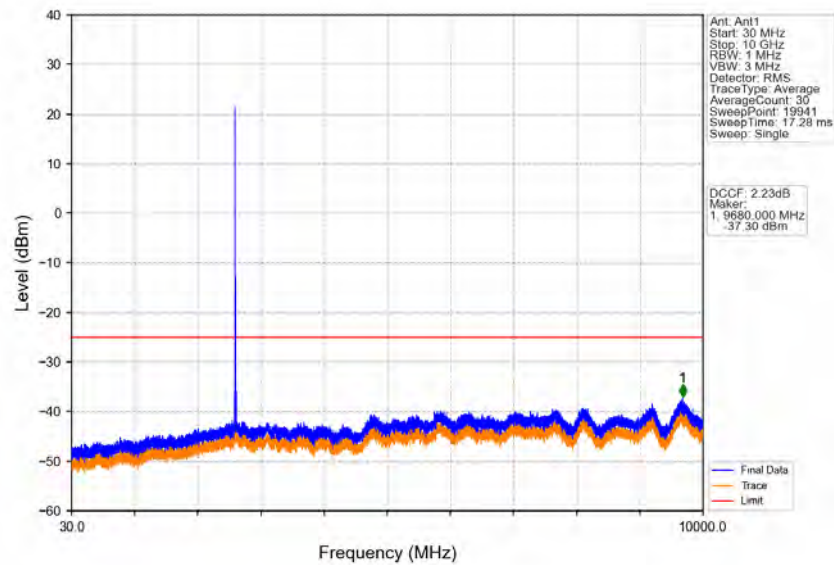
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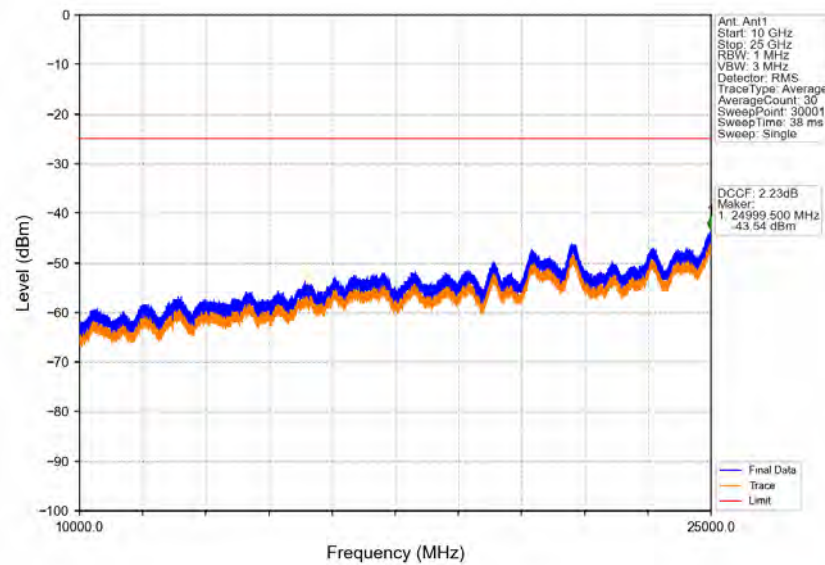
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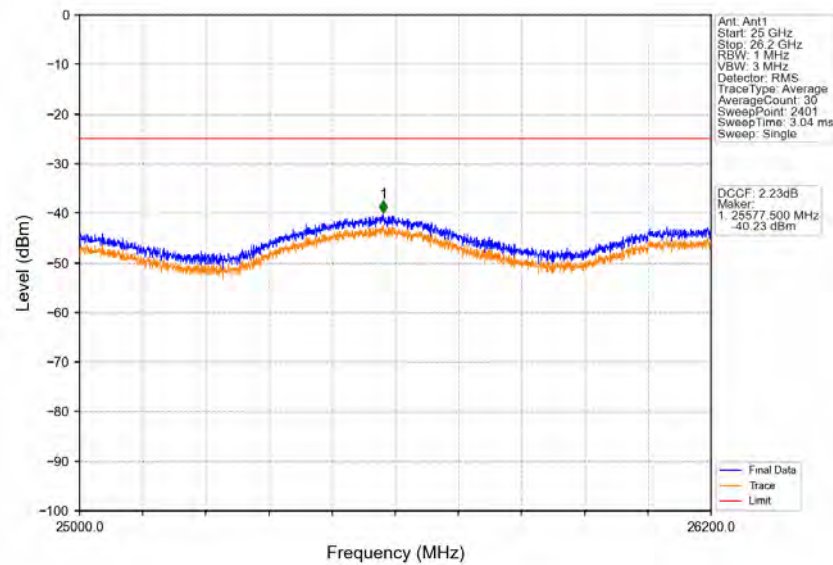
Band38_10MHz_16QAM_HCH_2615MHz_RB_1_0_NTNV



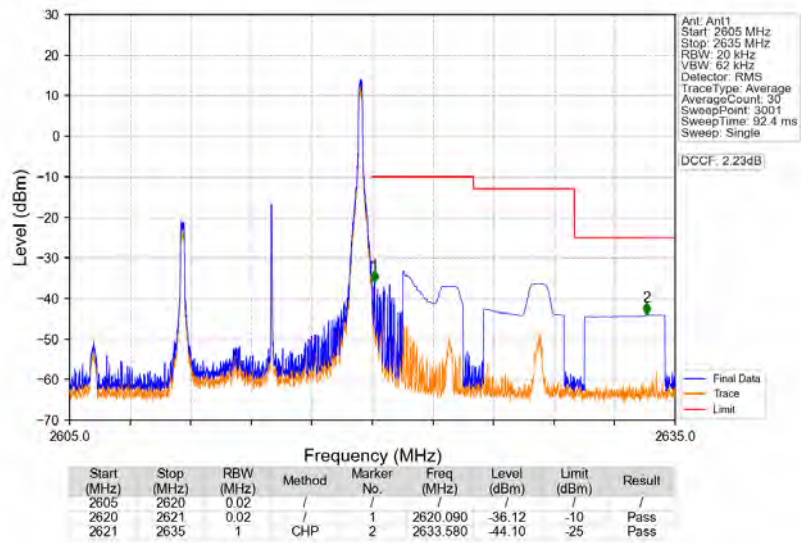
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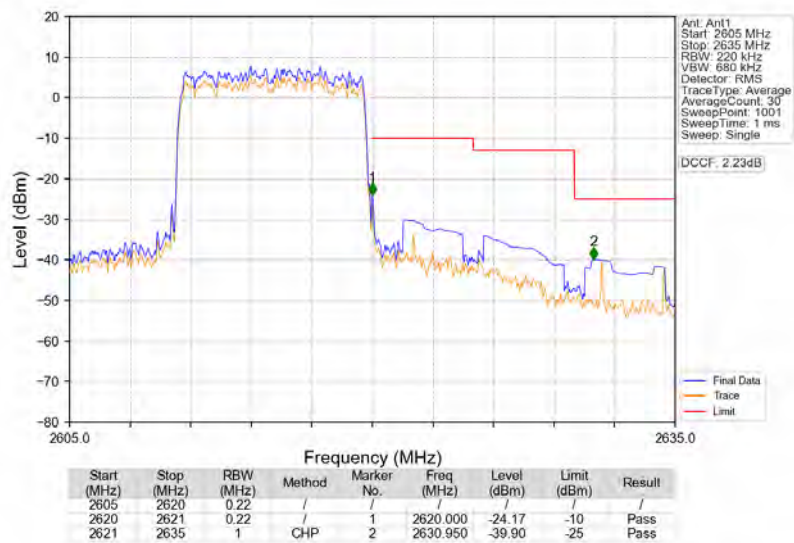
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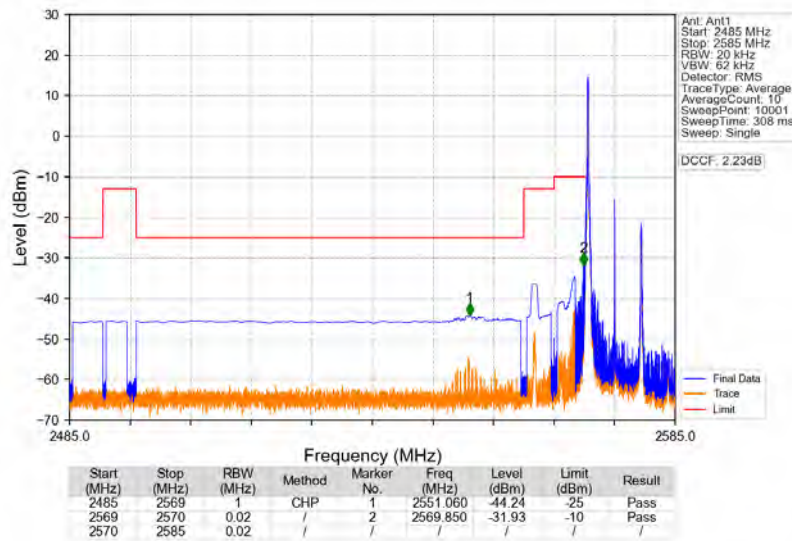
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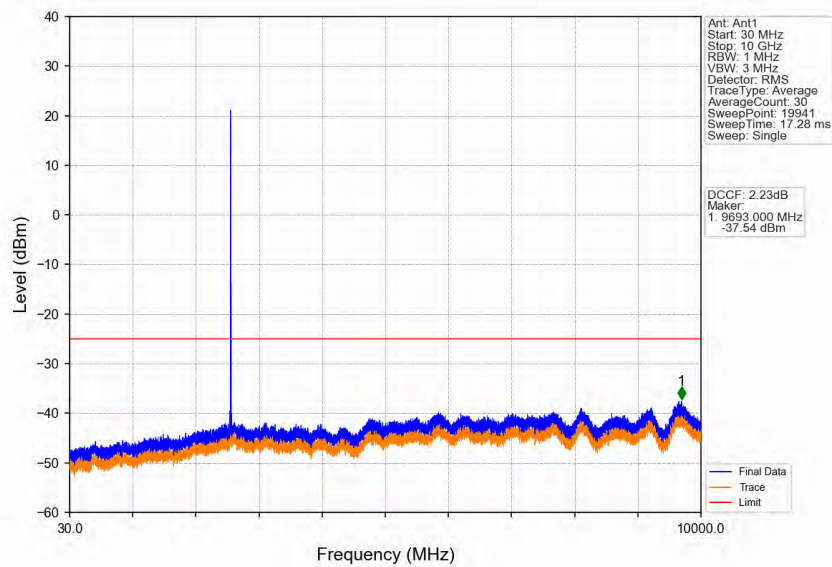
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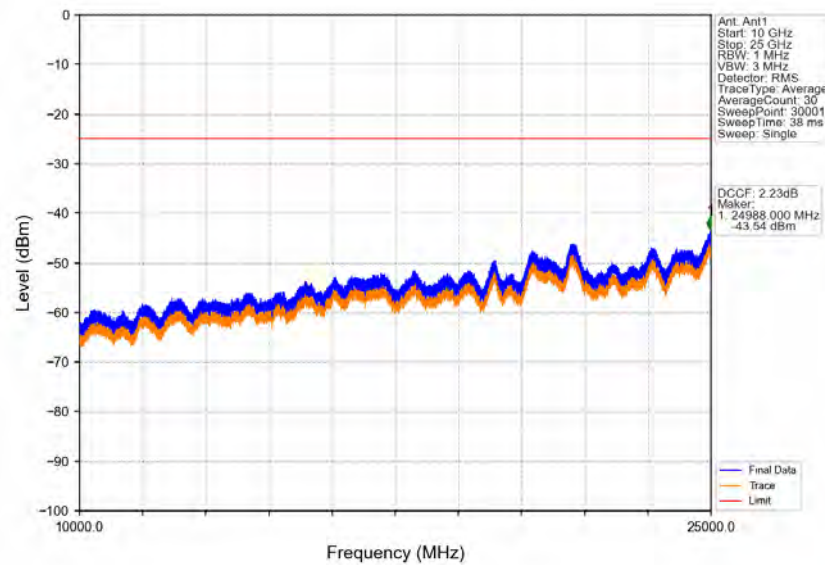
Band38_10MHz_64QAM_LCH_2575MHz_RB_1_0_NTNV



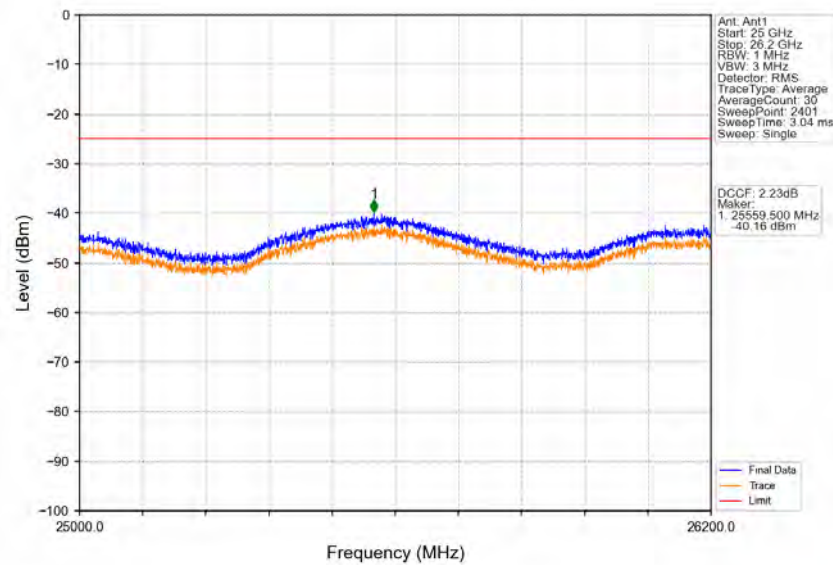
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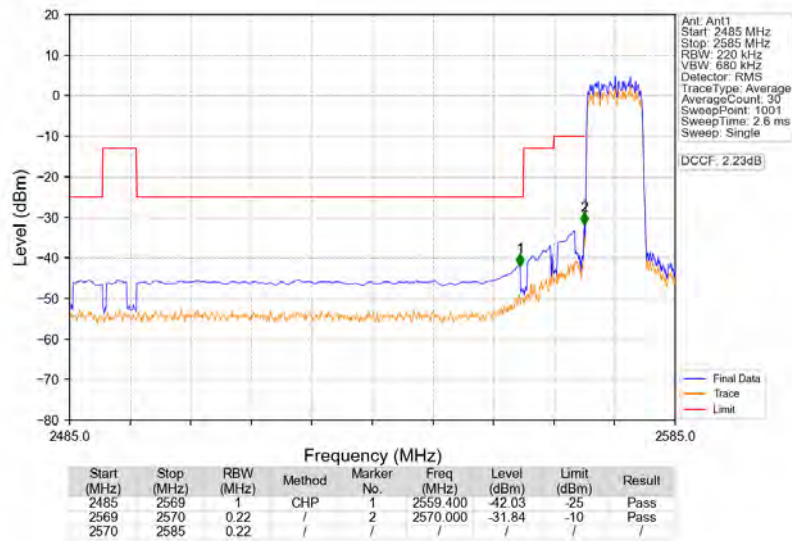
Band38_10MHz_64QAM_LCH_2575MHz_RB_1_0_NTNV



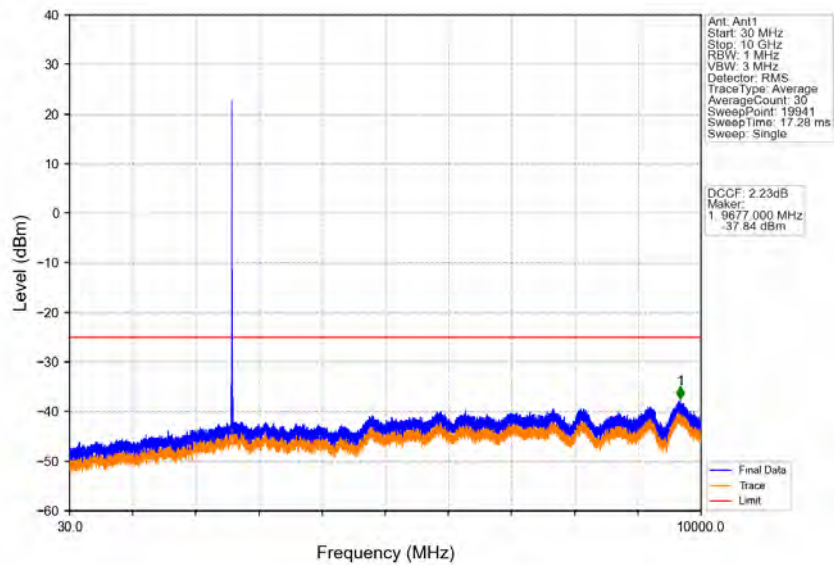
Band38_10MHz_64QAM_LCH_2575MHz_RB_1_0_NTNV



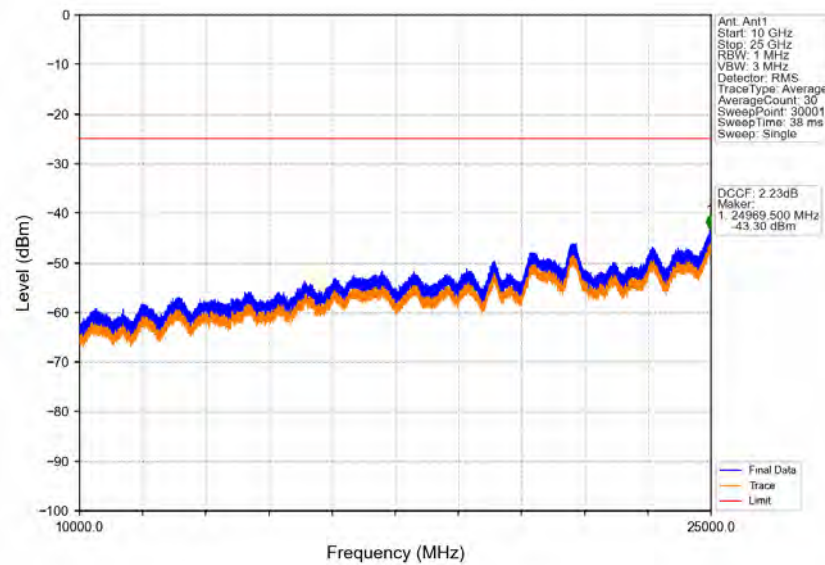
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



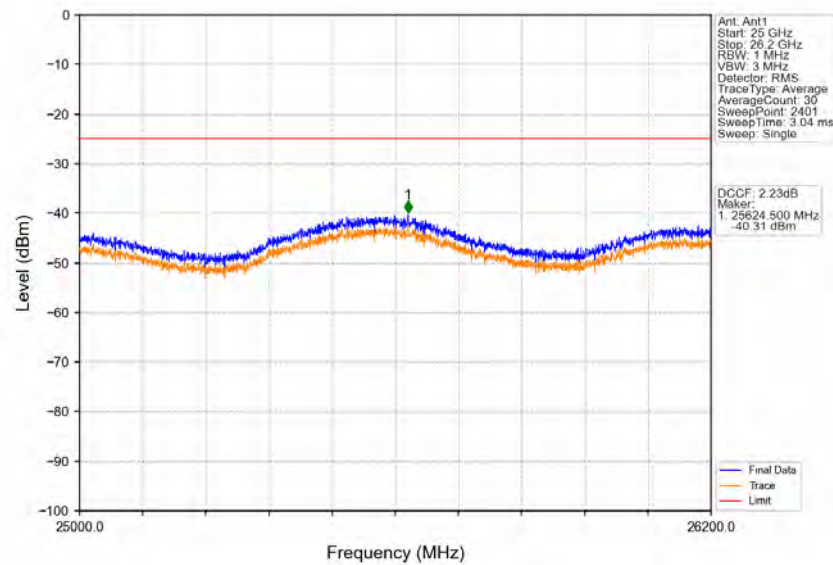
Band38_10MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



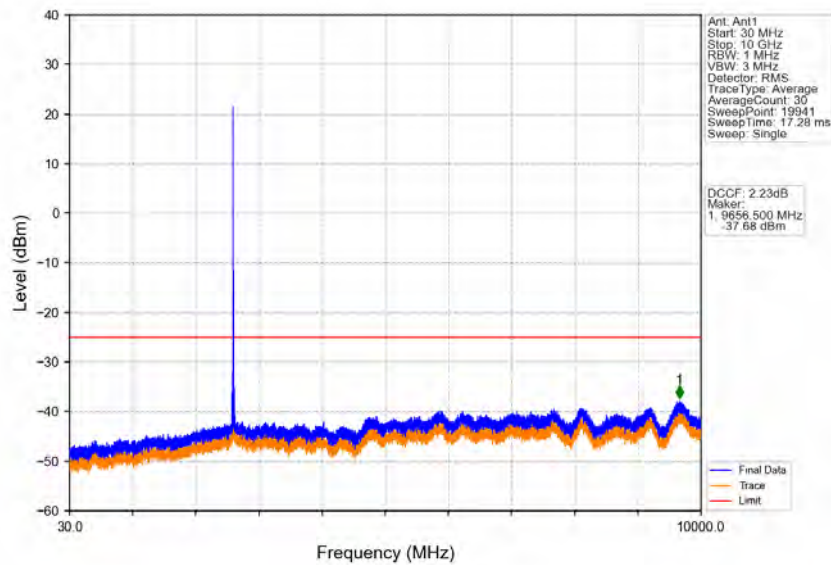
Band38_10MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



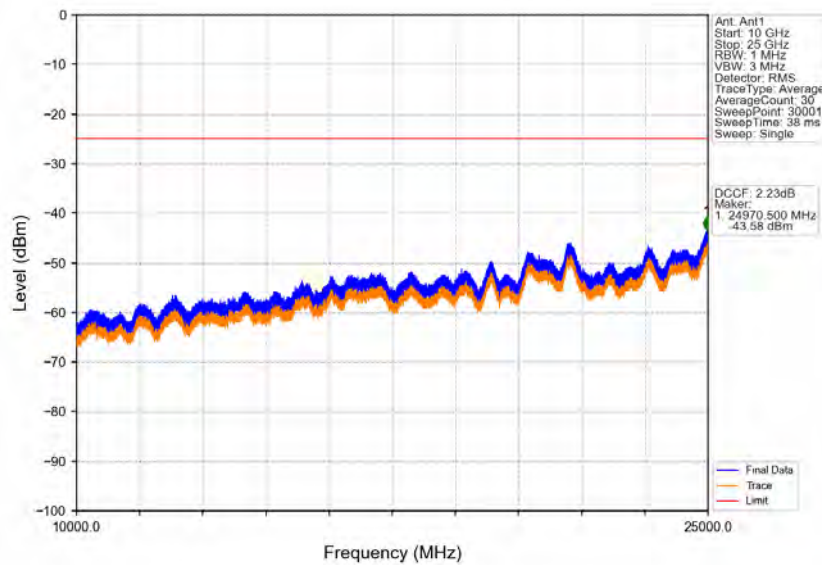
Band38_10MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



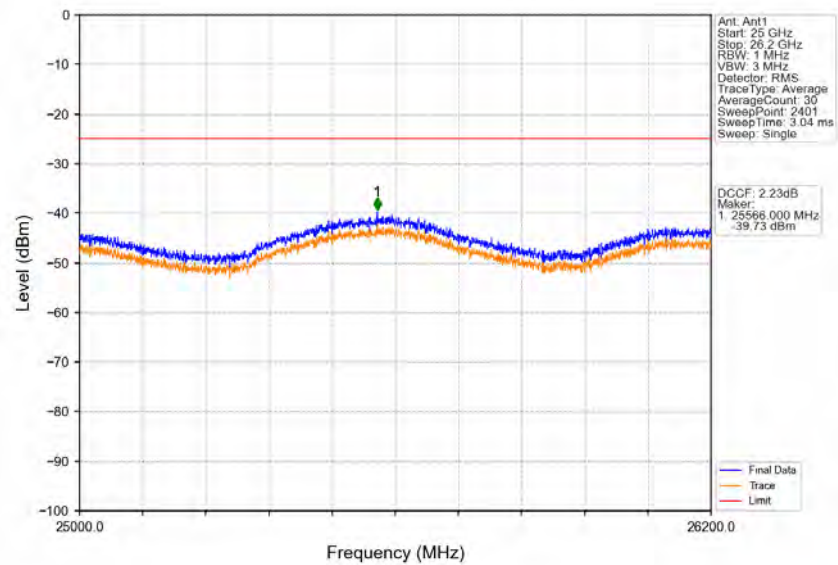
Band38_10MHz_64QAM_HCH_2615MHz_RB_1_0_NTNV



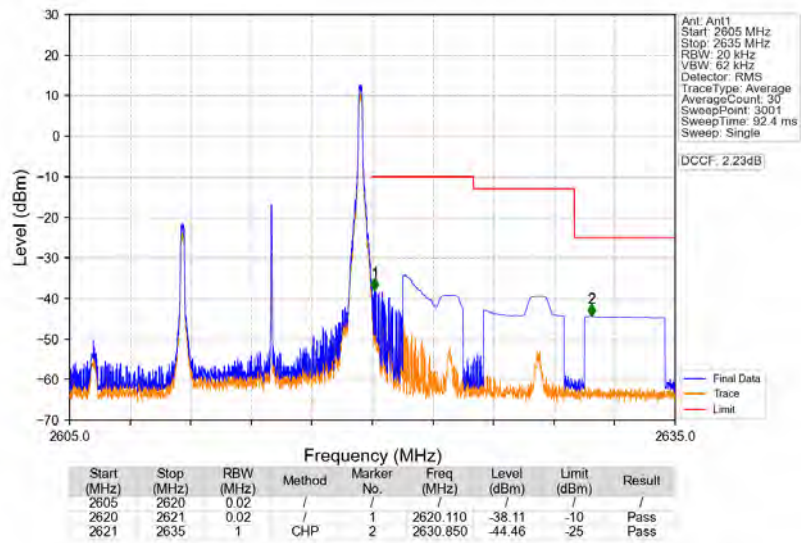
Band38_10MHz_64QAM_HCH_2615MHz_RB_1_0_NTNV



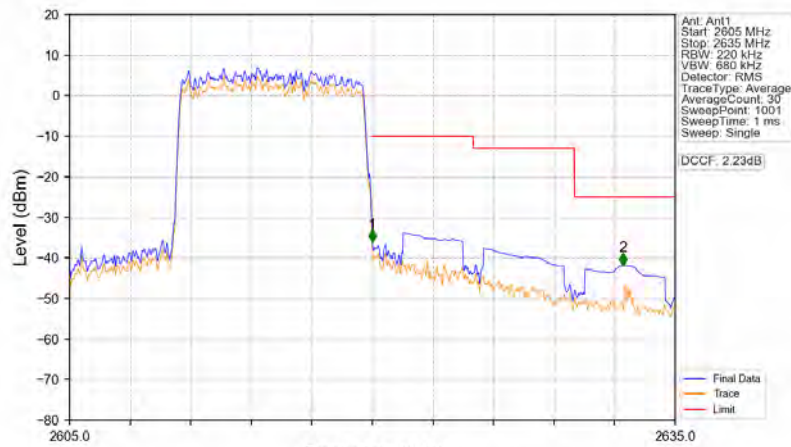
Band38_10MHz_64QAM_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_64QAM_HCH_2615MHz_RB_1_49_NTNV



Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



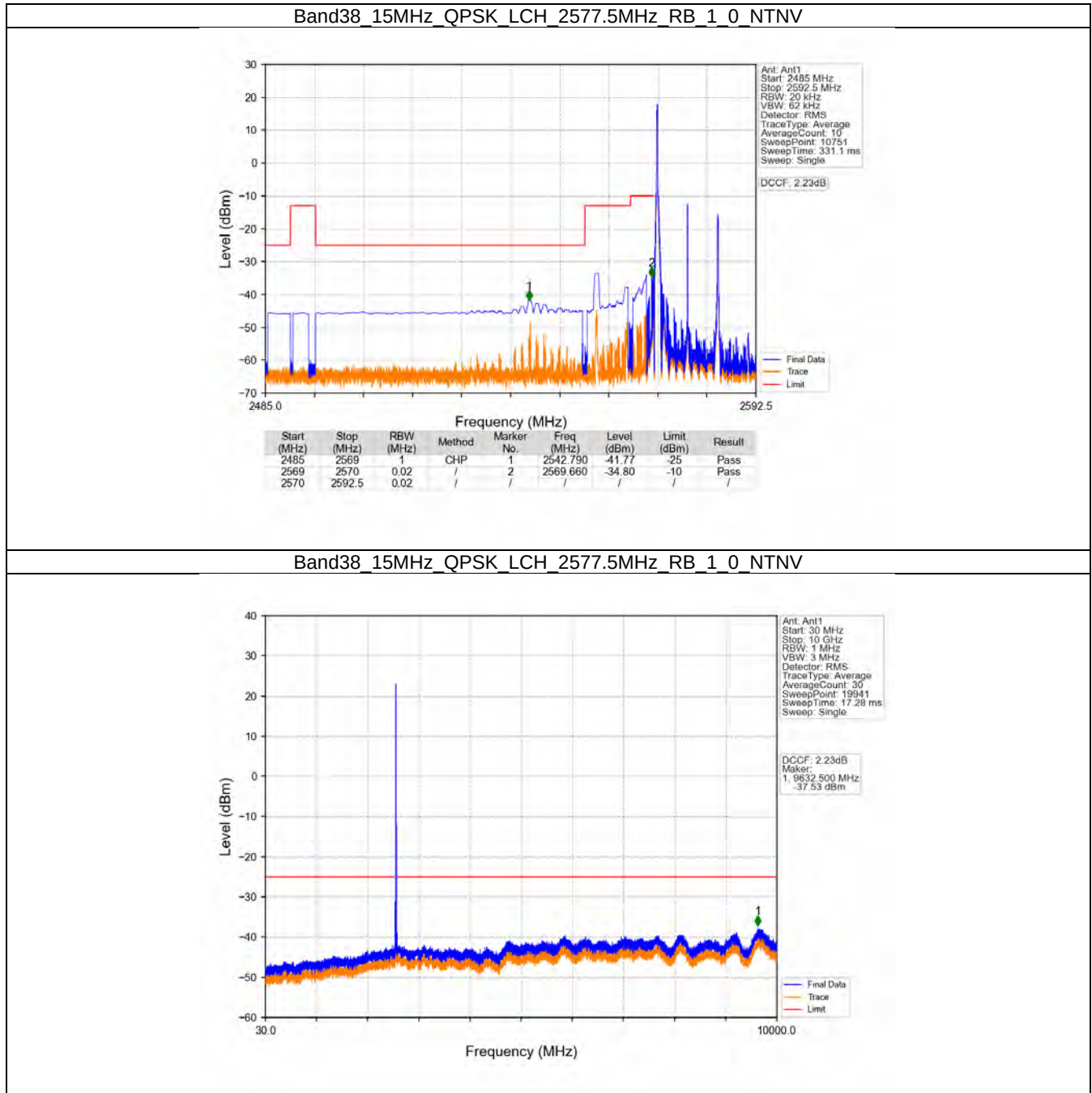
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.22	/	/	/	/	/	/
2620	2621	0.22	/	1	2620.000	-36.06	-10	Pass
2621	2635	1	CHP	2	2632.420	-41.82	-25	Pass

5.3 B38_15MHz

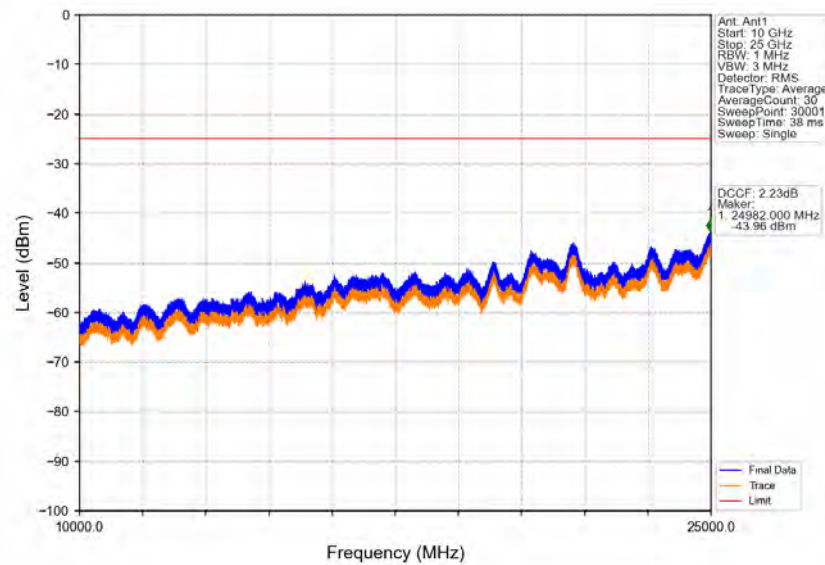
5.3.1 Test Result

Band: 38 / Bandwidth: 15MHz / NTVN						
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

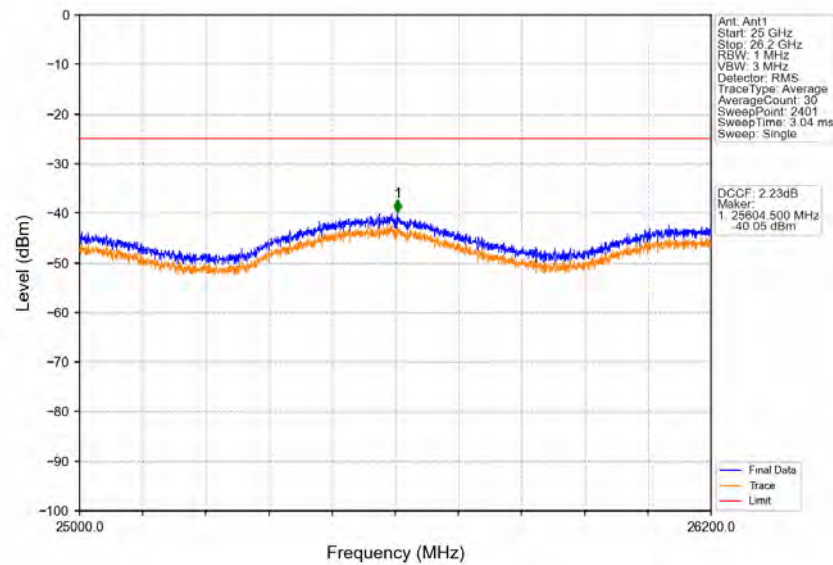
5.3.2 Test Graph



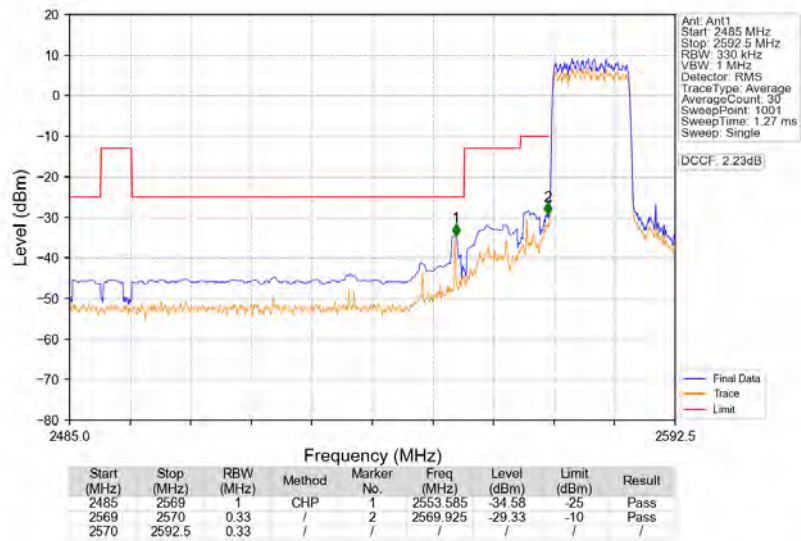
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



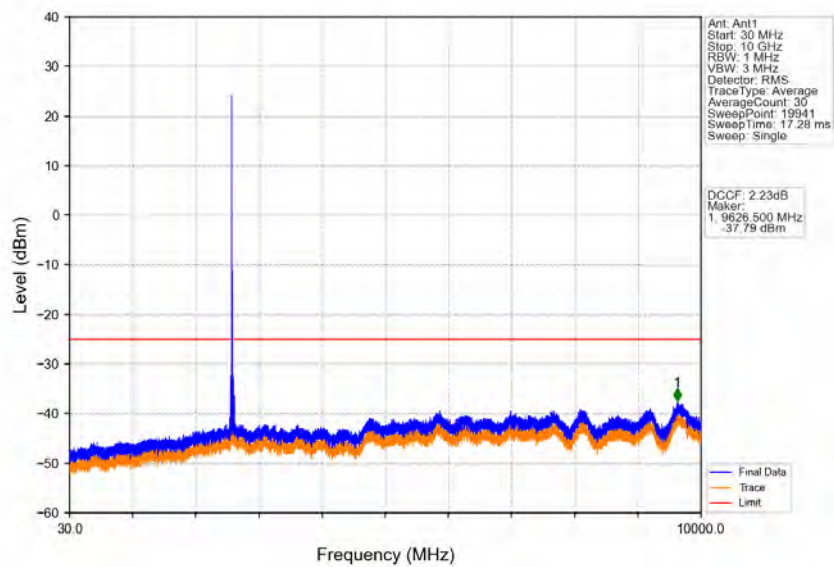
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



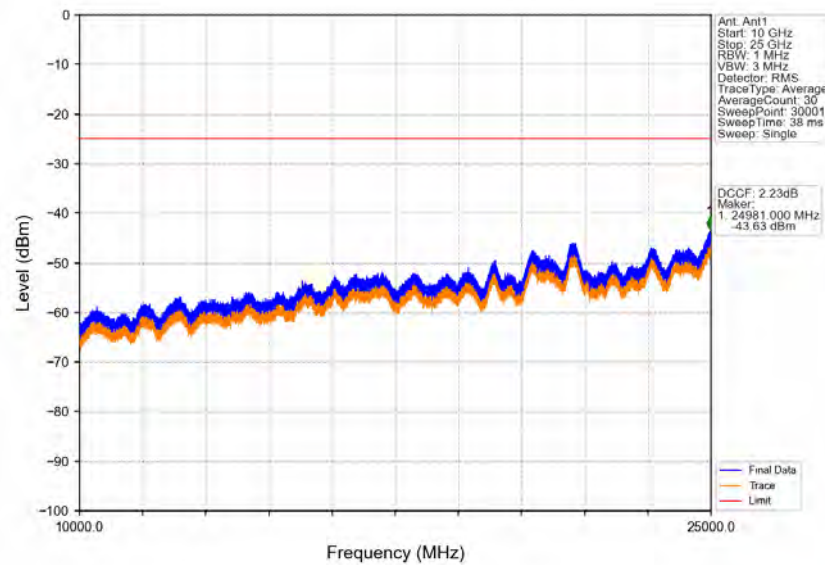
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



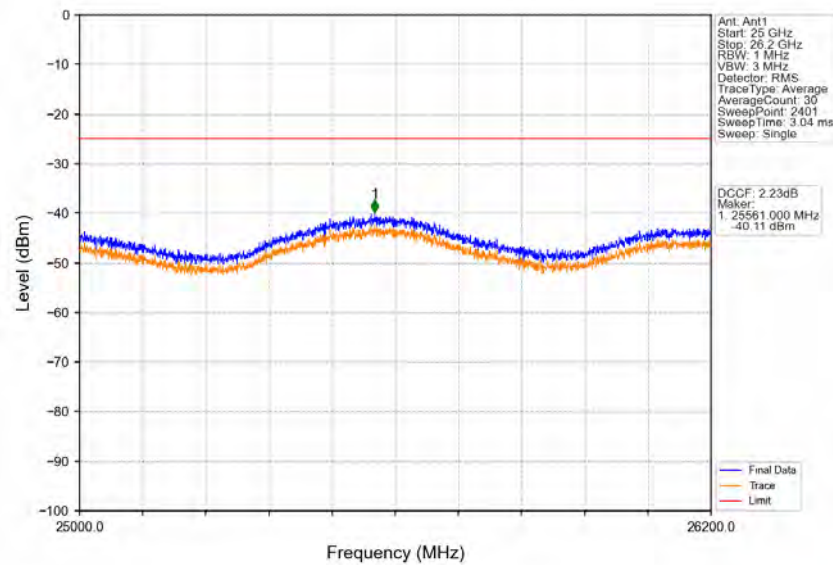
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



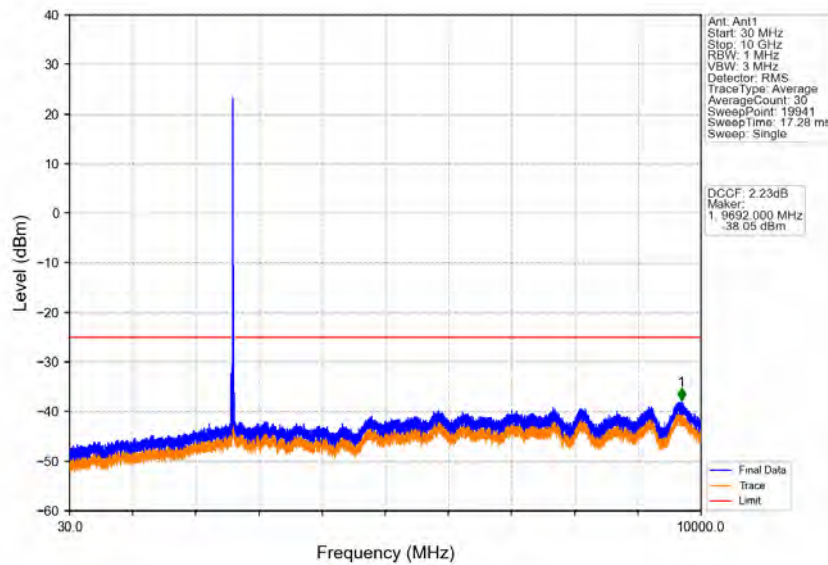
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



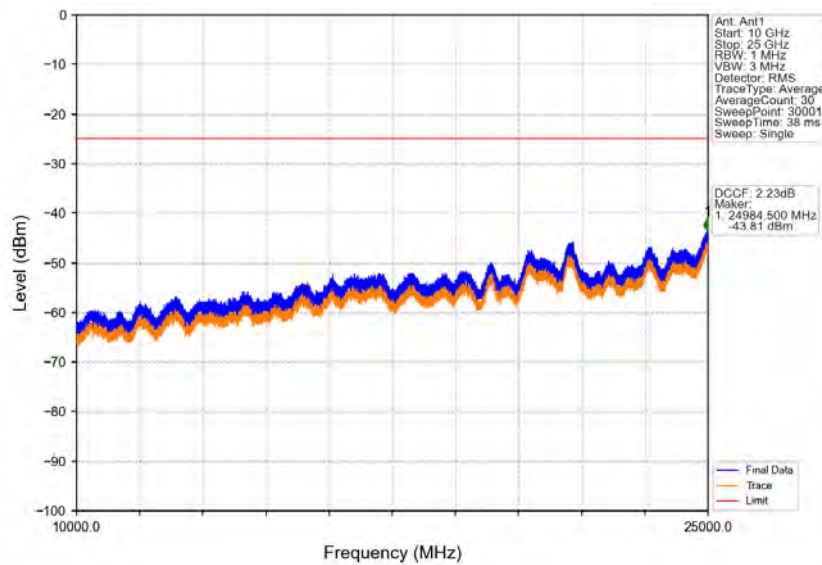
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



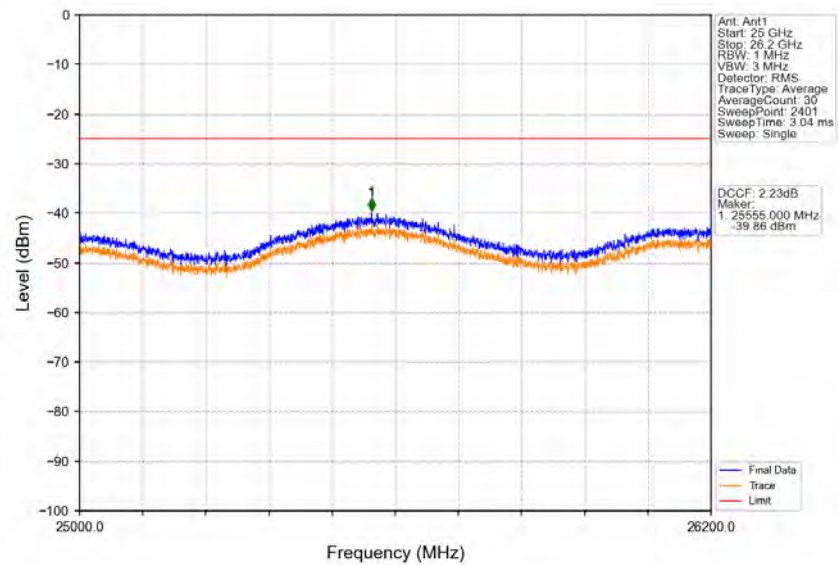
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



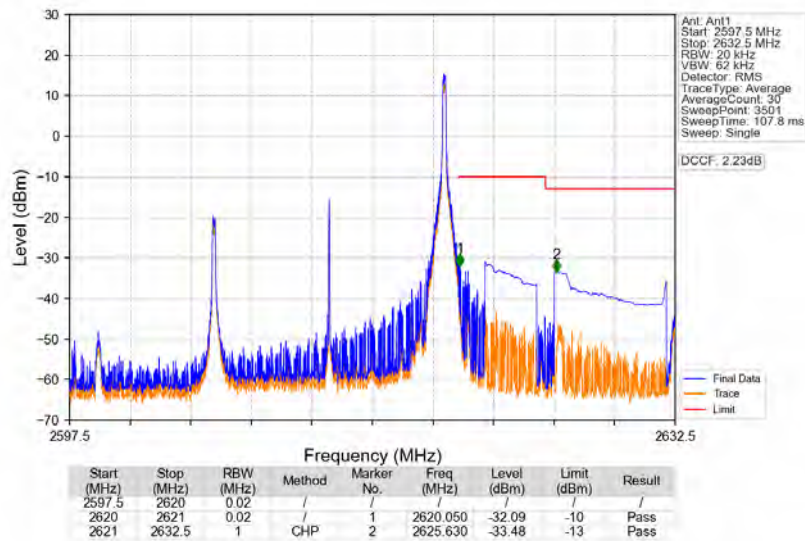
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



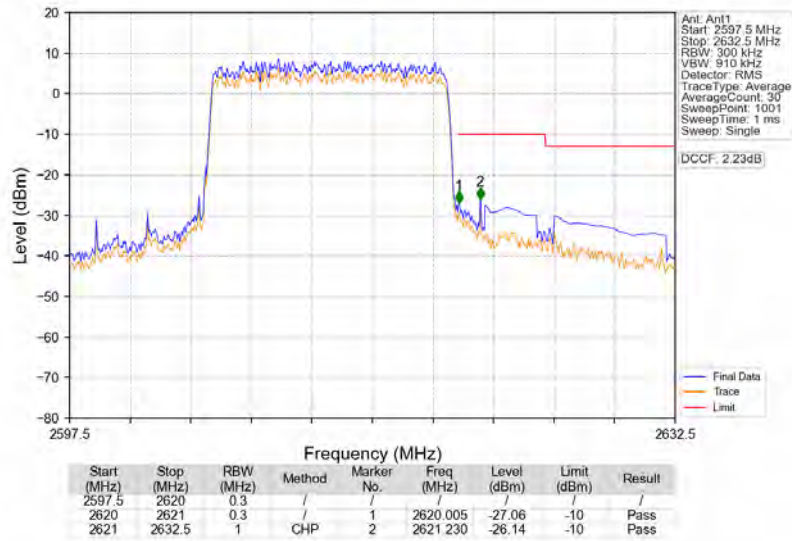
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



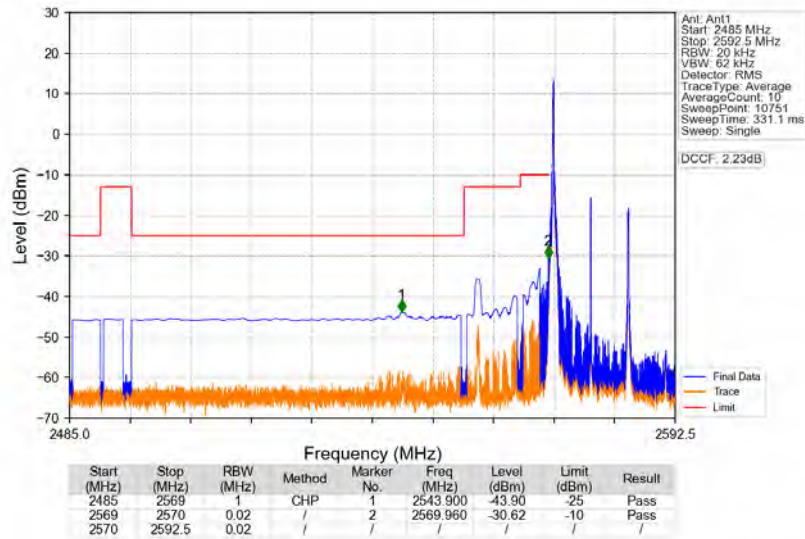
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_74_NTNV



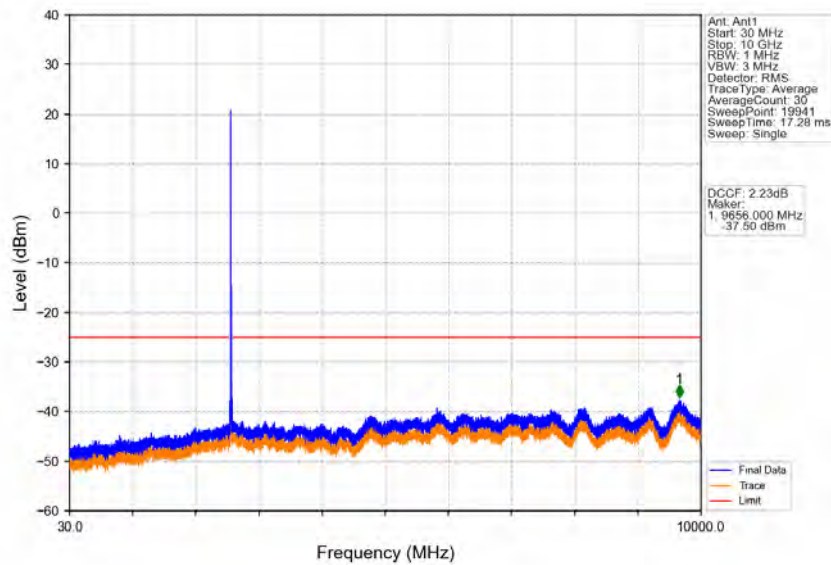
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



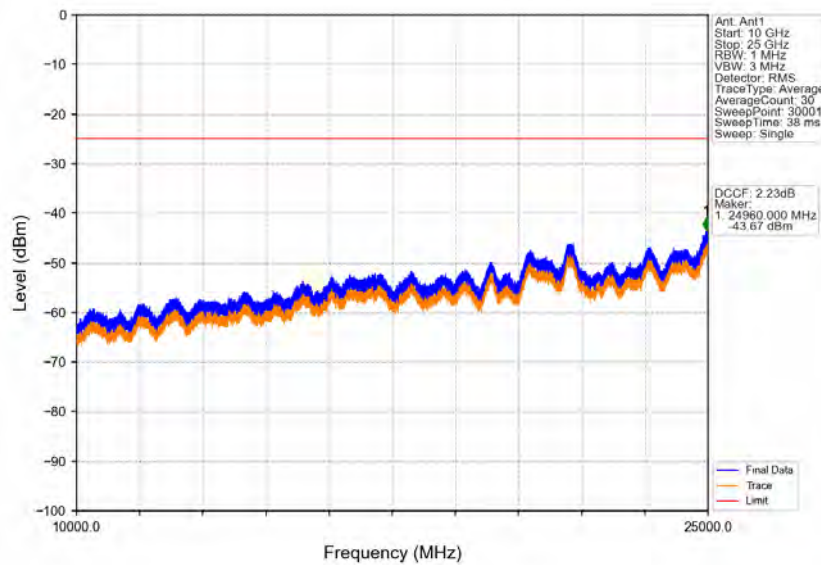
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV



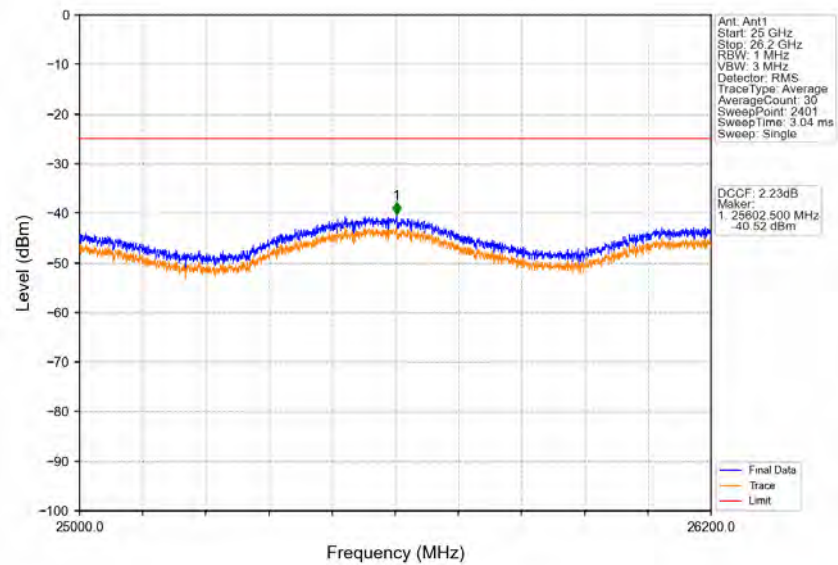
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV



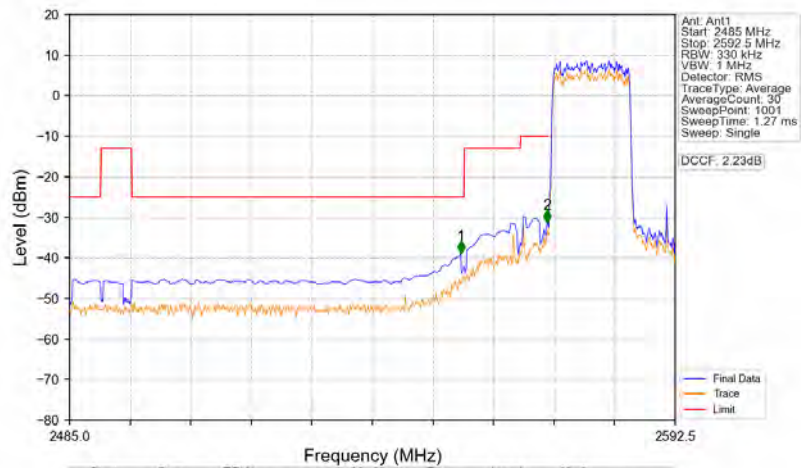
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV

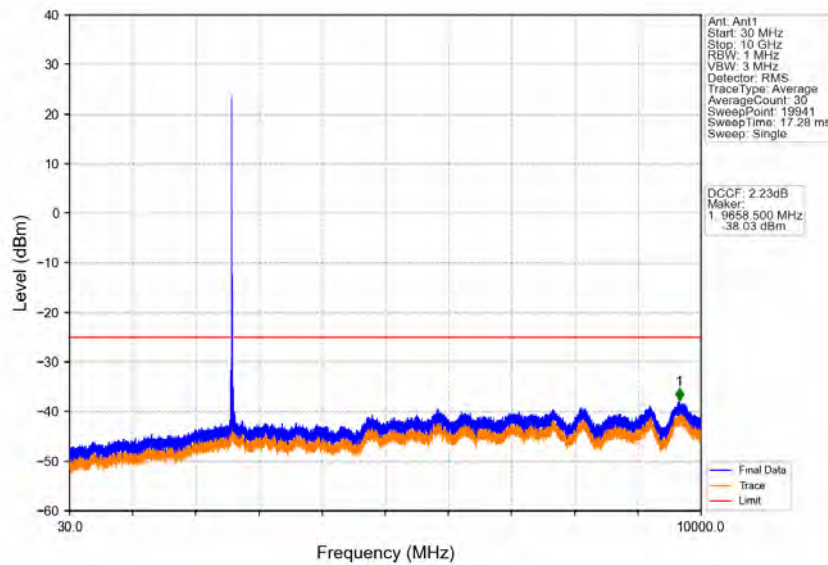


Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV

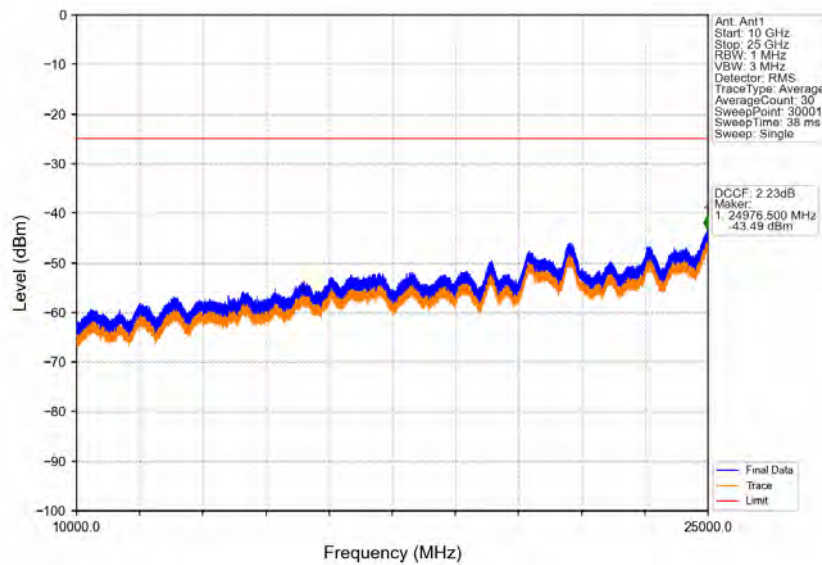


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2554.445	-38.93	-25	Pass
2569	2570	0.33	/	2	2569.818	-31.27	-10	Pass
2570	2592.5	0.33	/	/	/	/	/	/

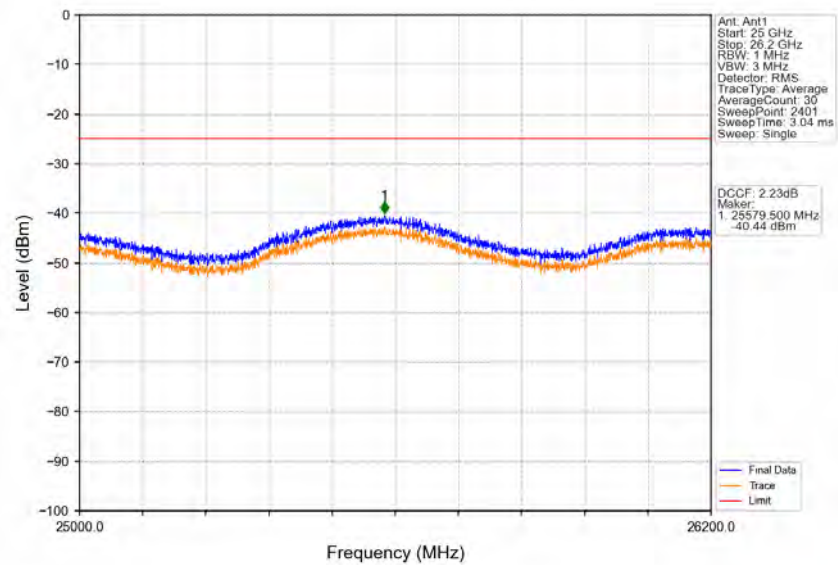
Band38_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



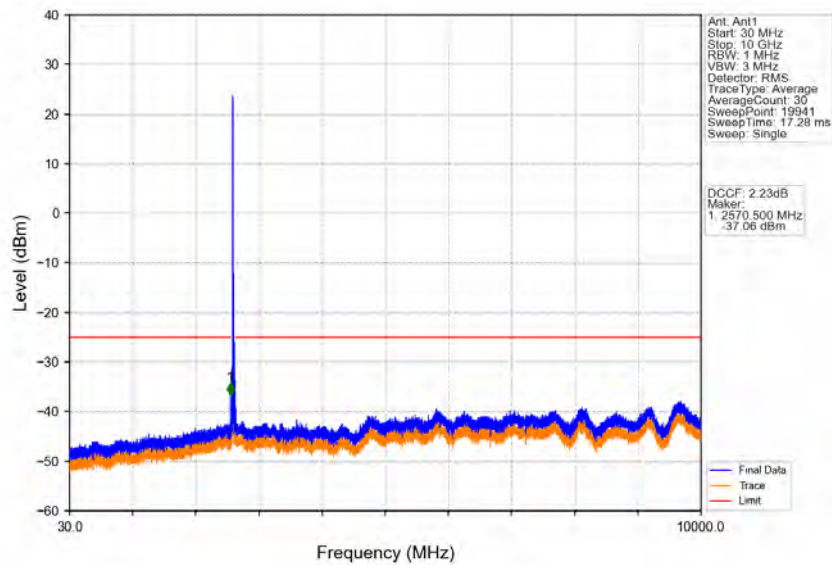
Band38_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



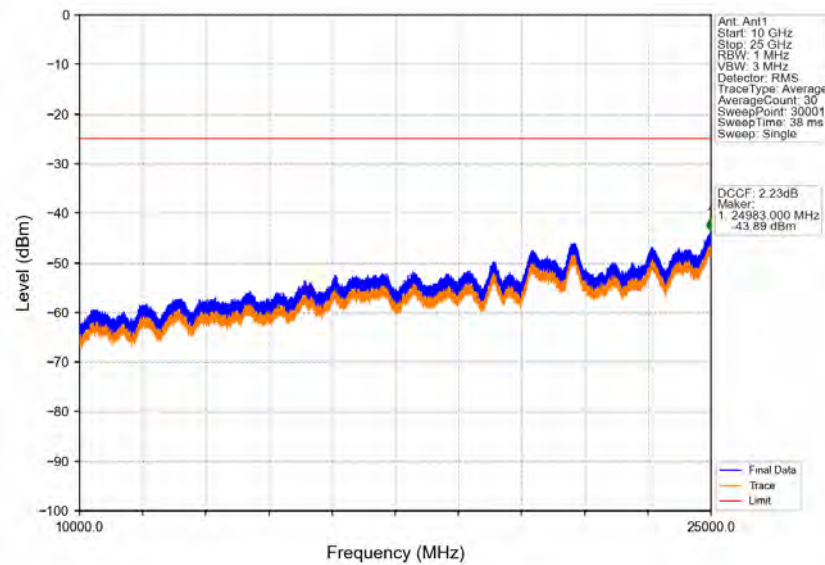
Band38_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



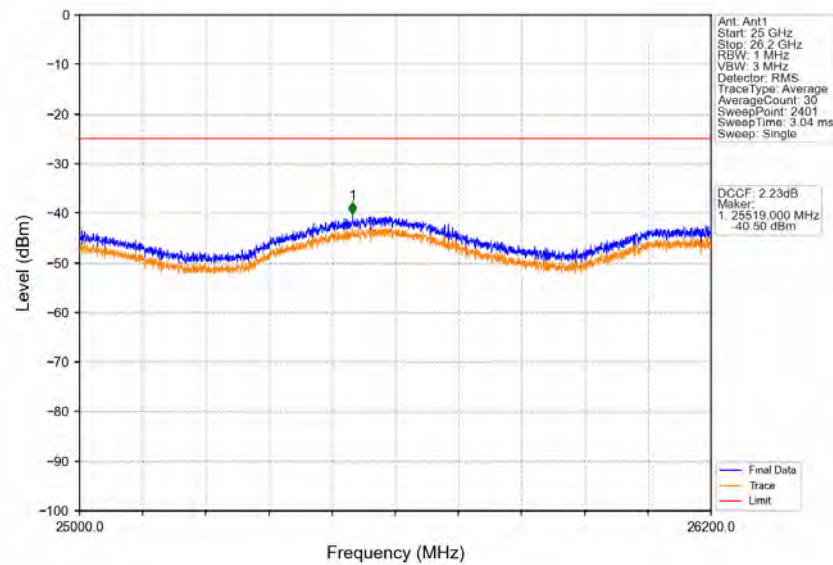
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_0_NTNV



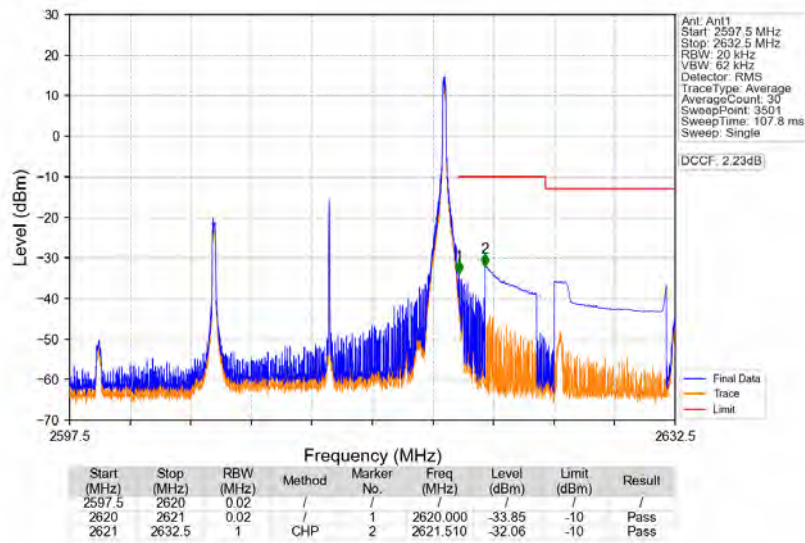
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_0_NTNV



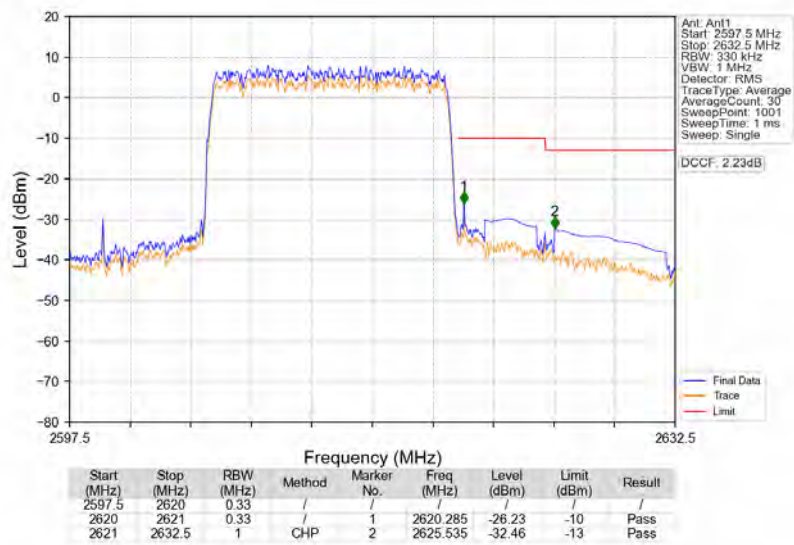
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_0_NTNV



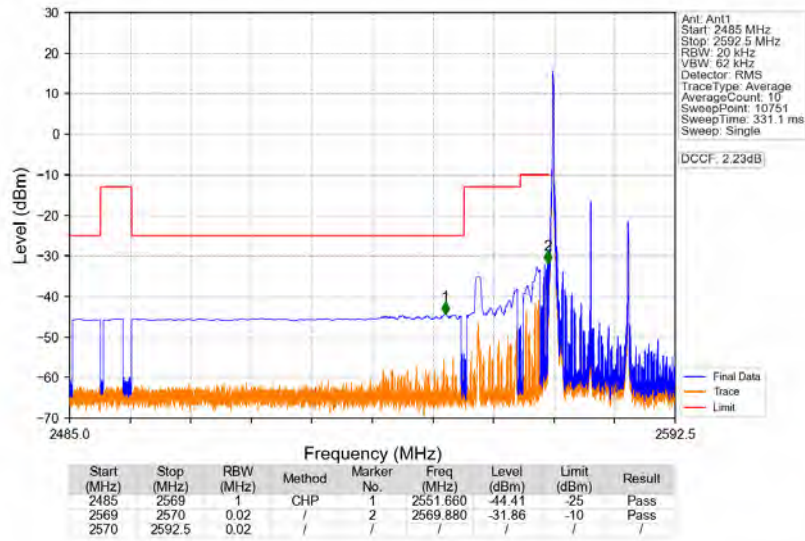
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_74_NTNV



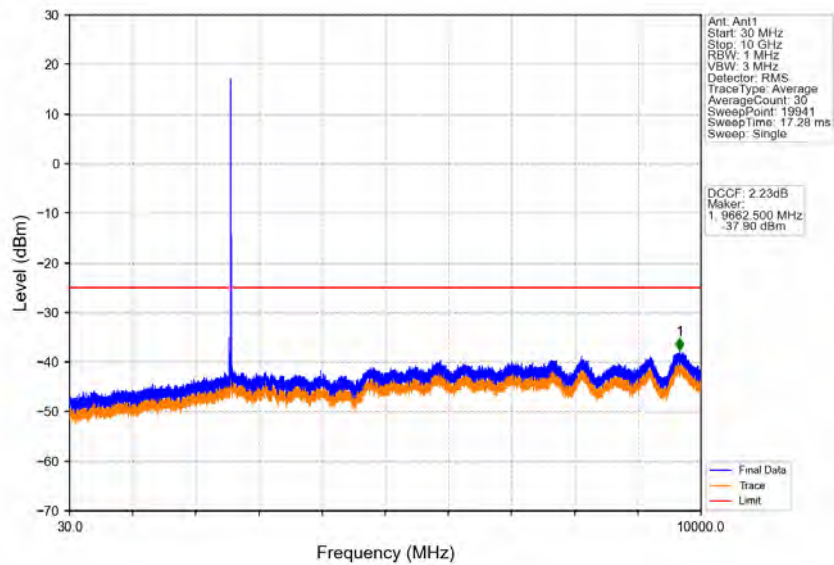
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



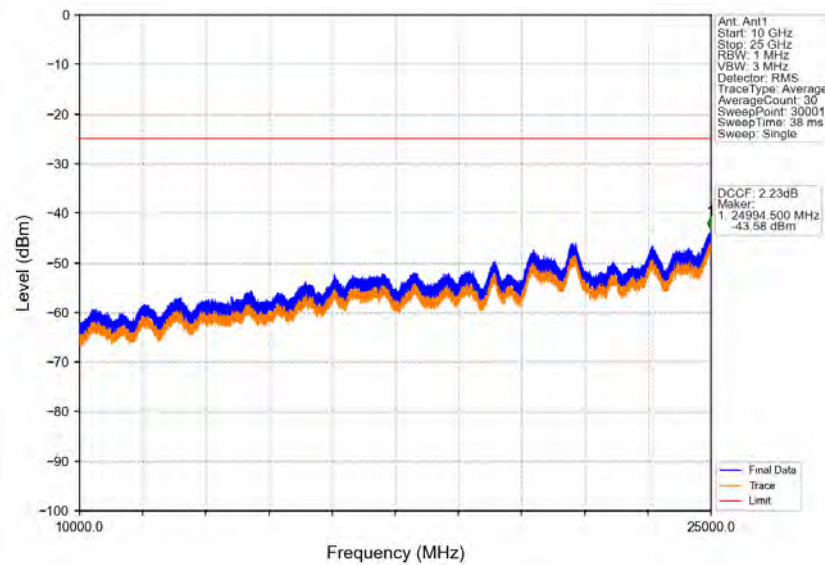
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_1_0_NTNV



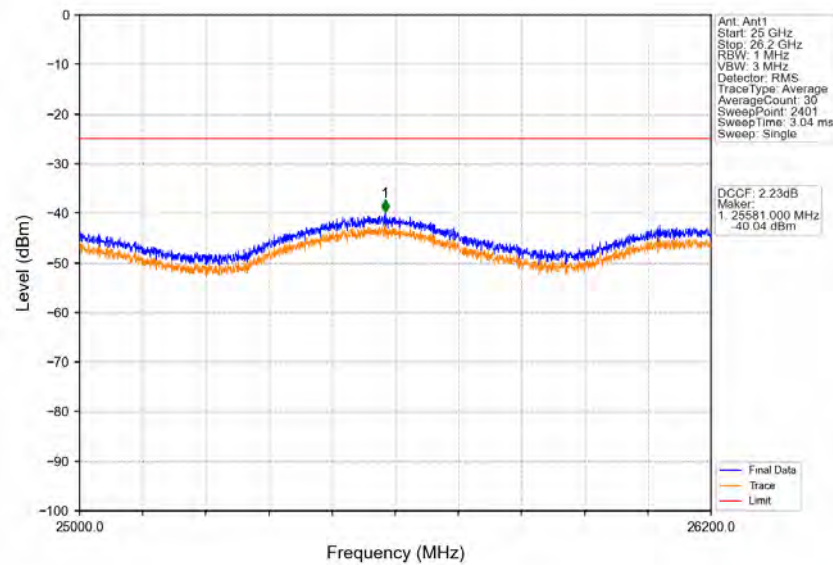
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_1_0_NTNV



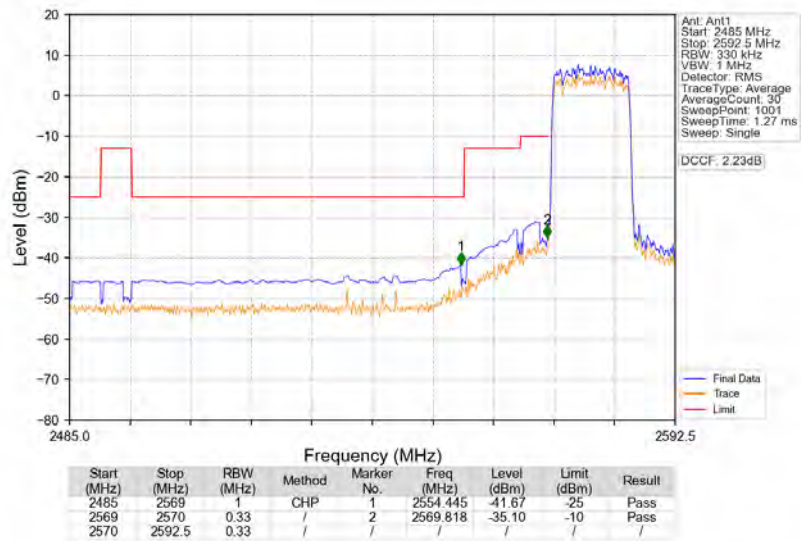
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_1_0_NTNV



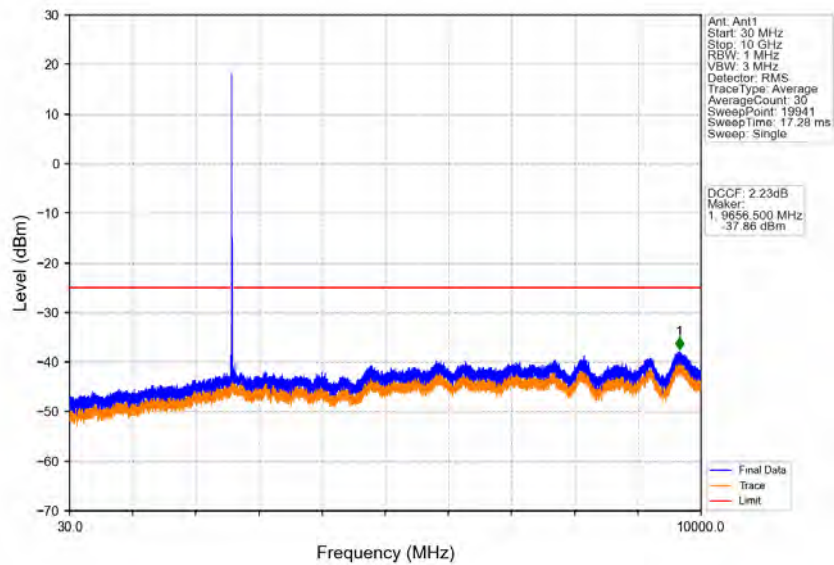
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_1_0_NTNV



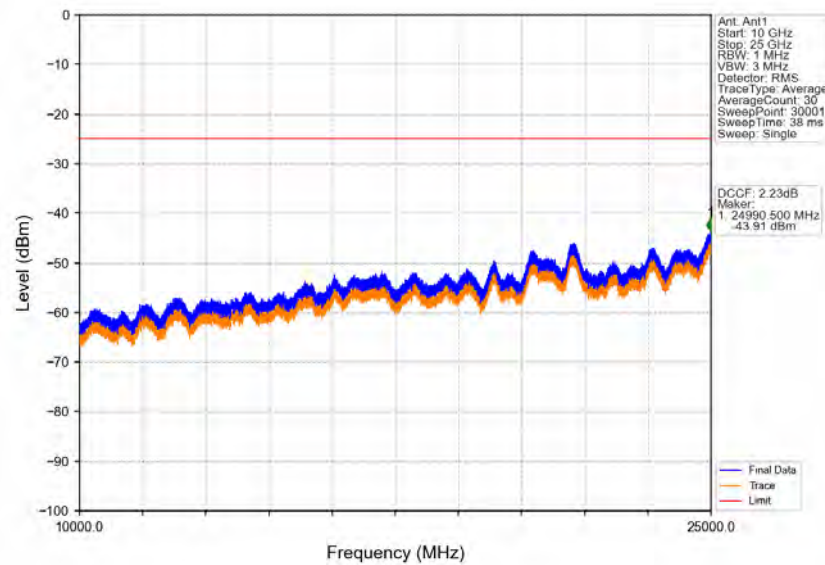
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



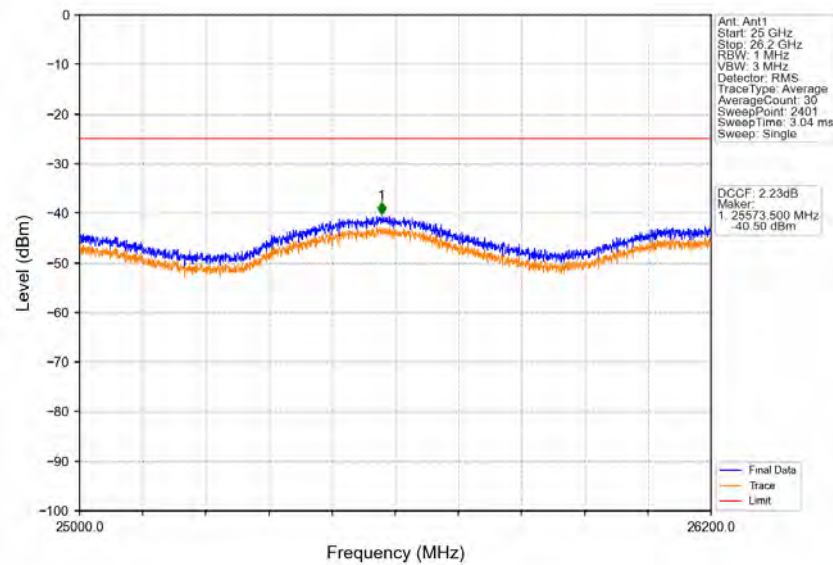
Band38_15MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



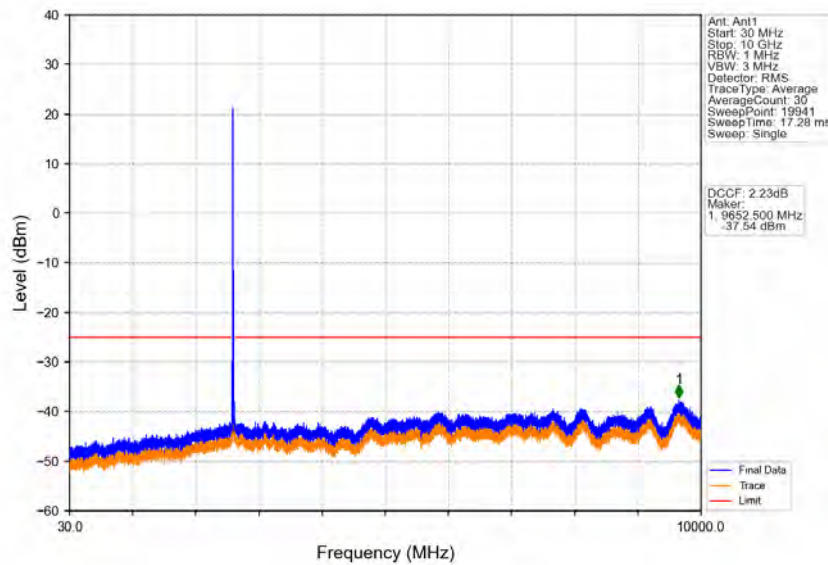
Band38_15MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



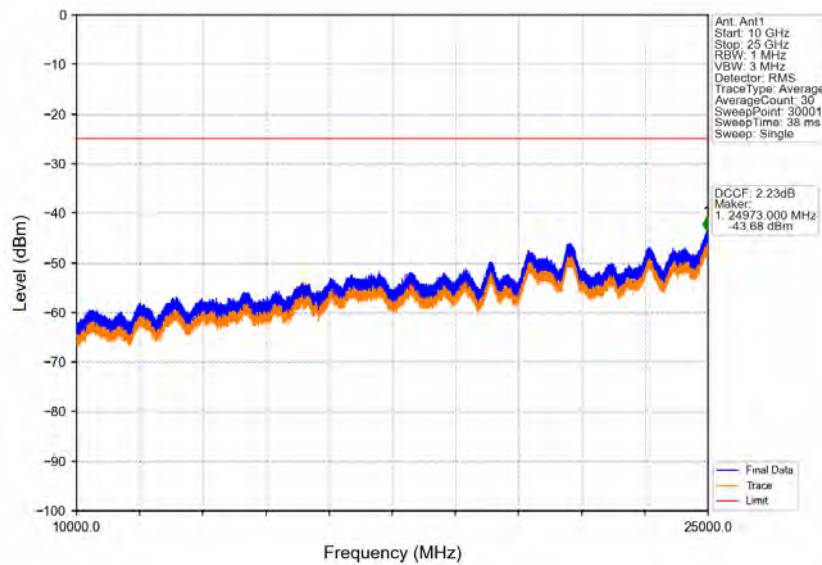
Band38_15MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



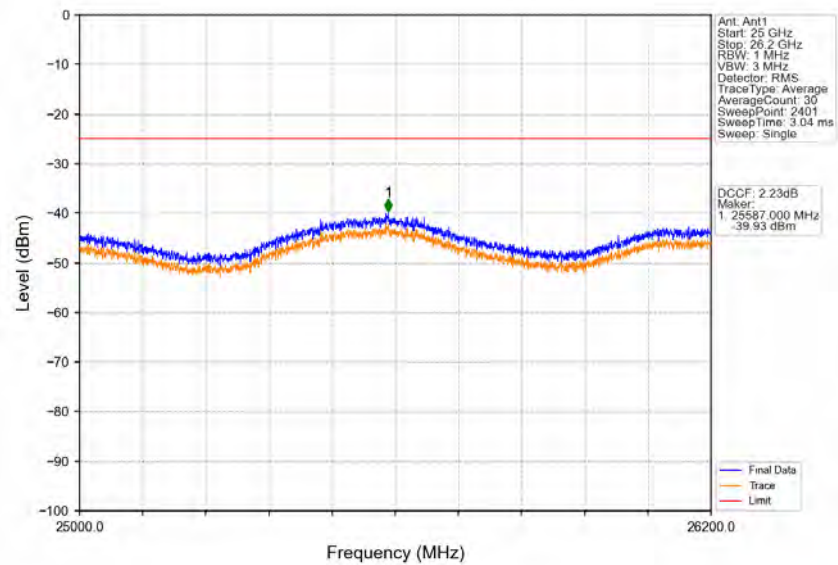
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_1_0_NTNV



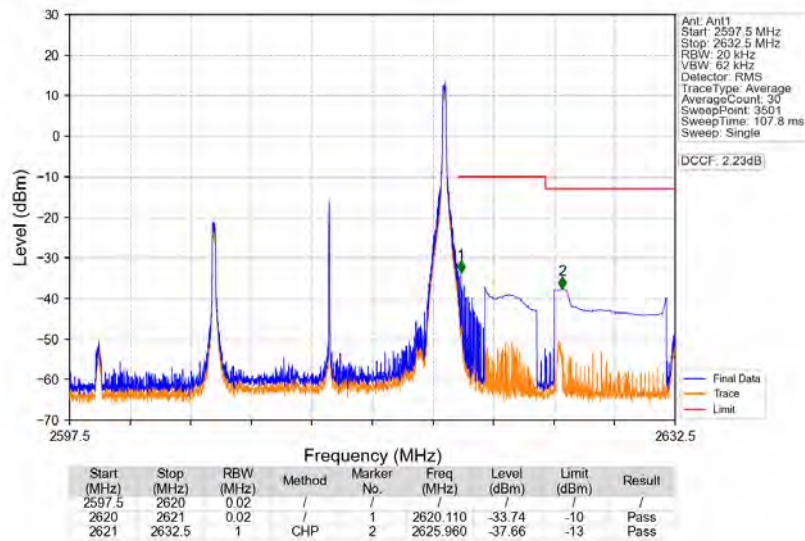
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_1_0_NTNV



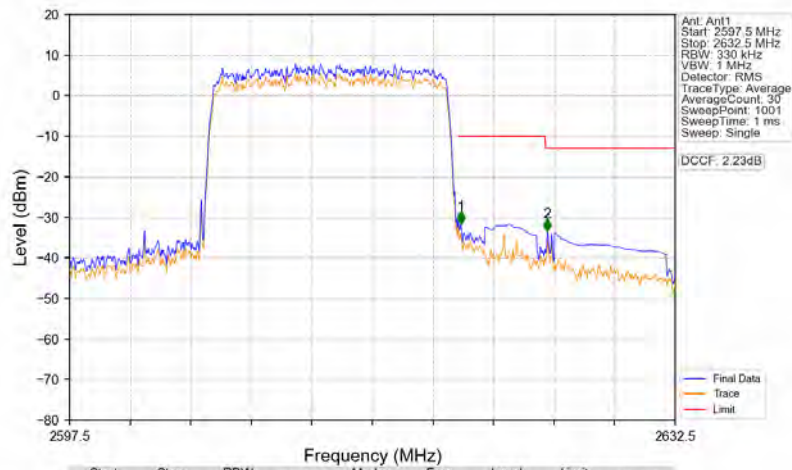
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_64QAM_HCH_2612.5MHz_RB_1_74_NTNV



Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV



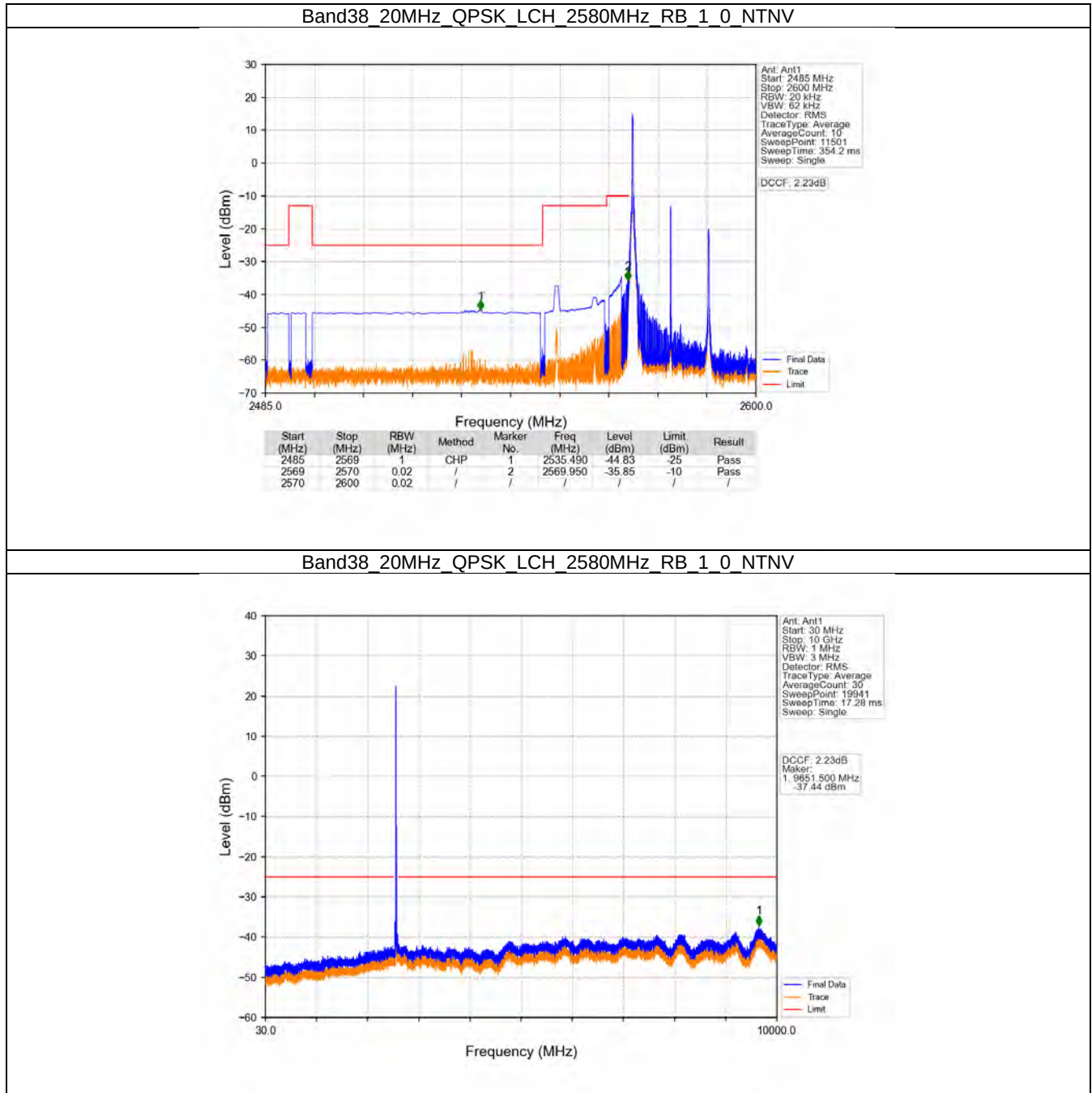
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.33	/	/	/	/	/	/
2620	2621	0.33	/	1	2620.110	-31.71	-10	Pass
2621	2632.5	1	CHP	2	2625.115	-33.40	-13	Pass

5.4 B38_20MHz

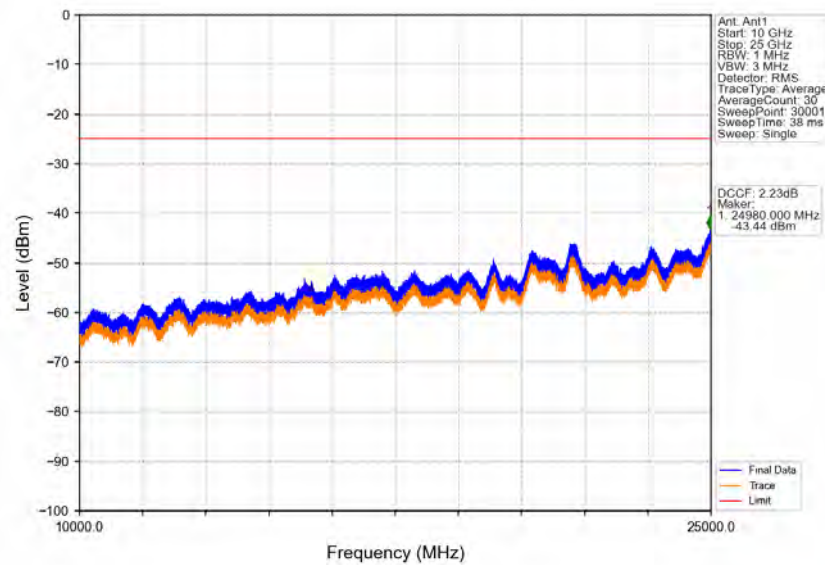
5.4.1 Test Result

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

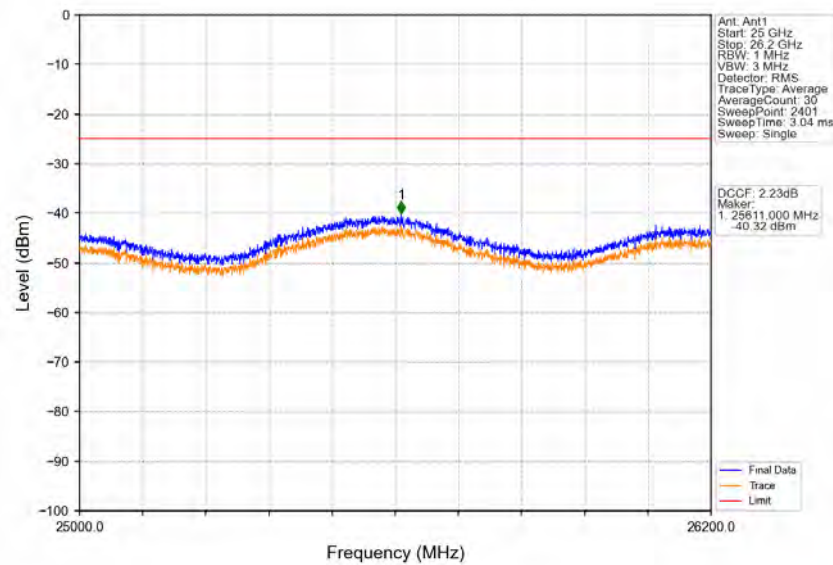
5.4.2 Test Graph



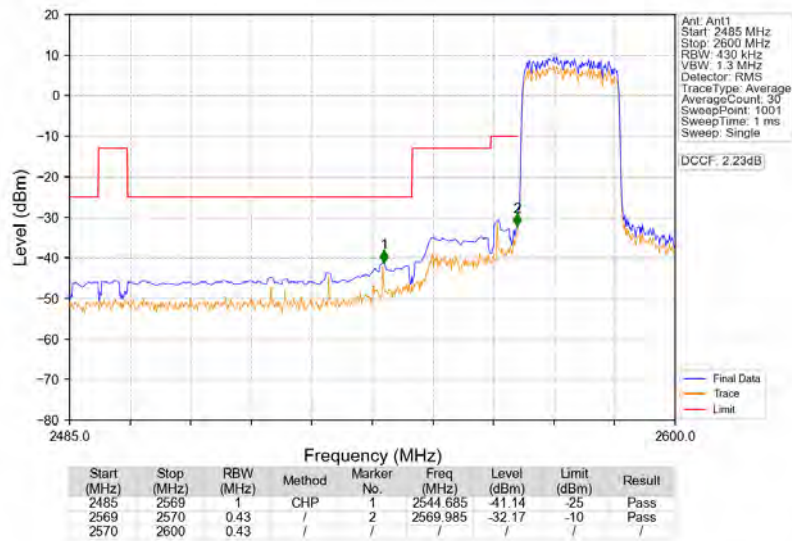
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



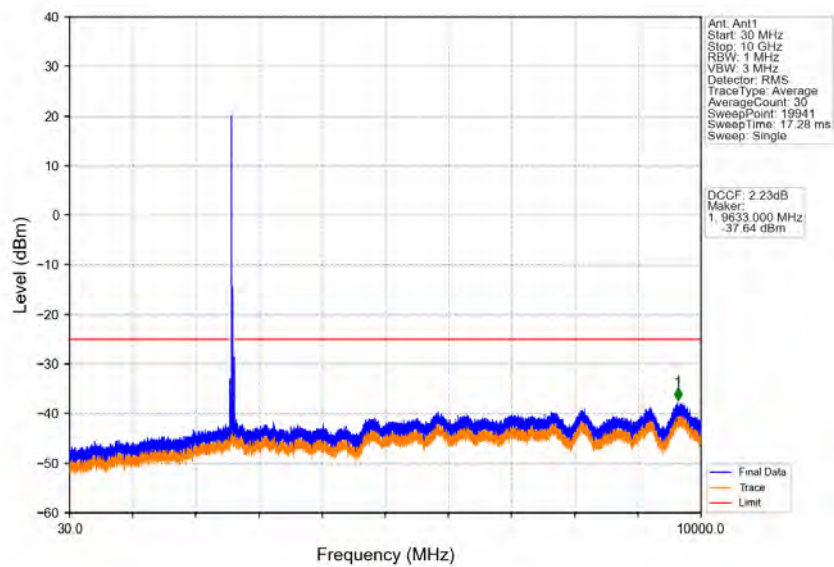
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



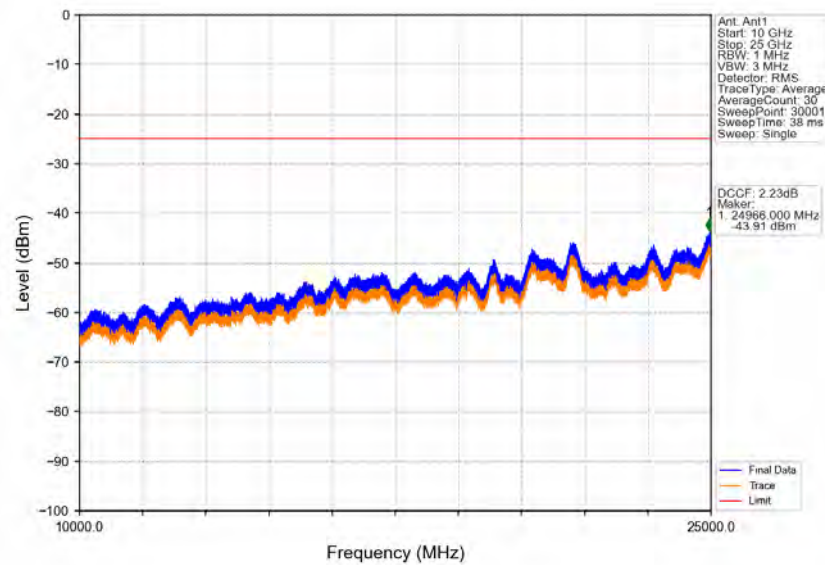
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



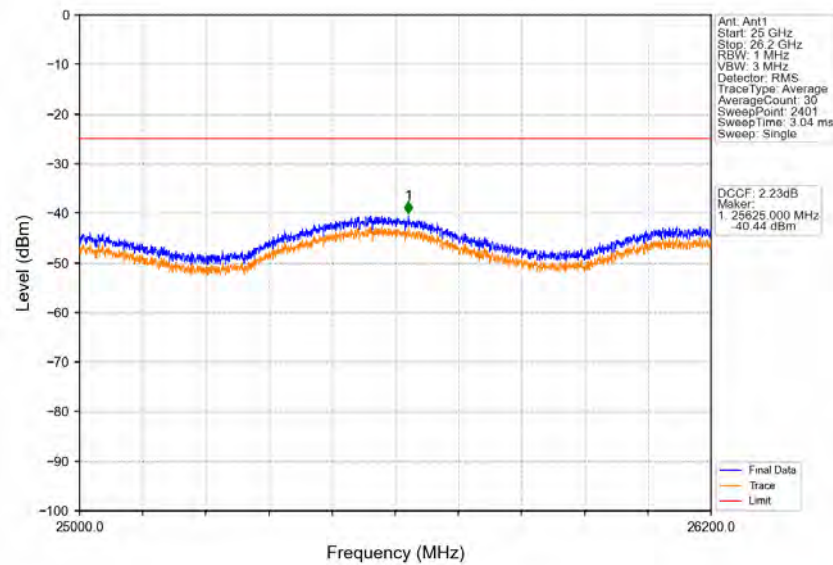
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



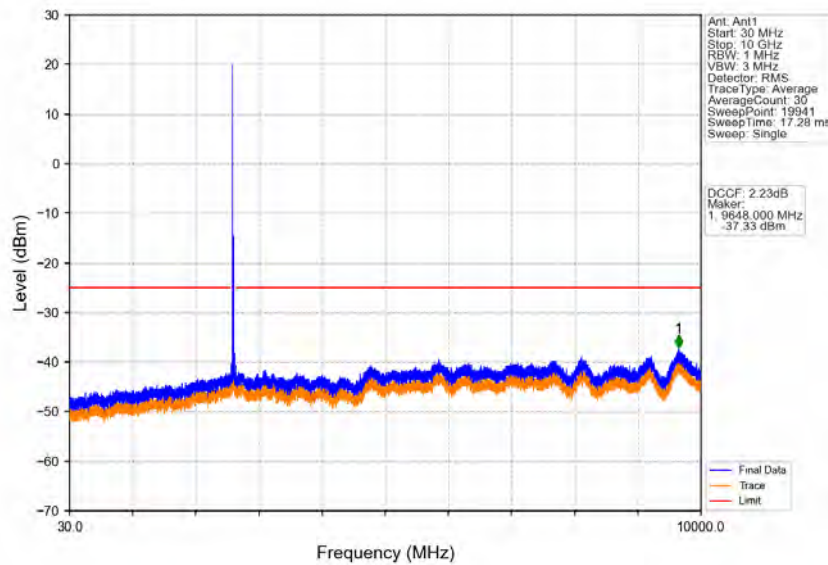
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



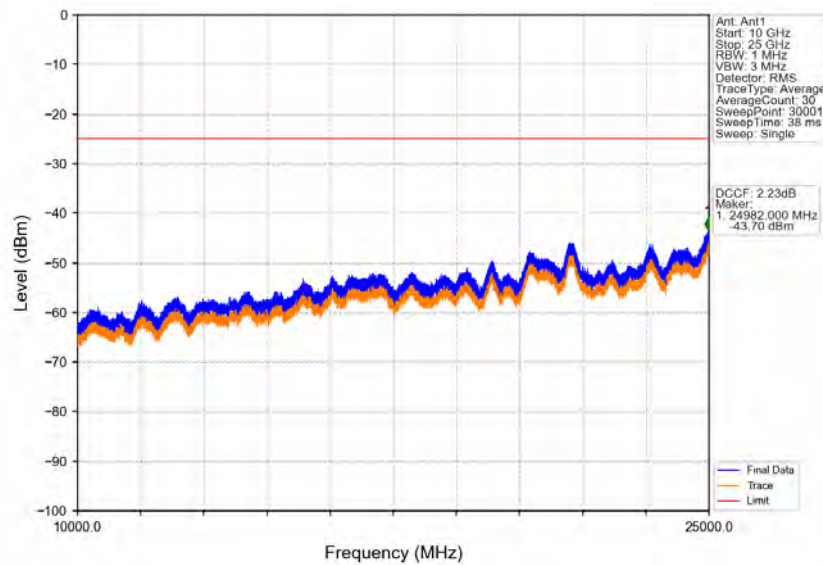
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



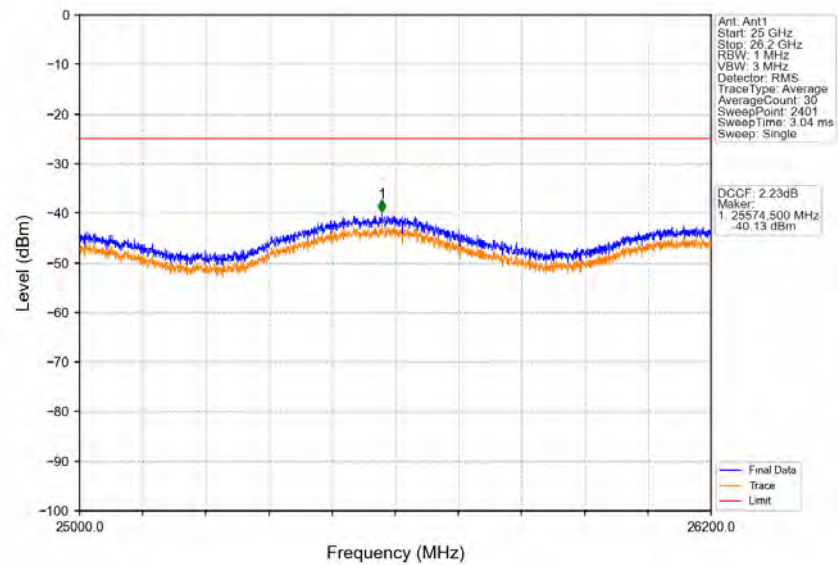
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



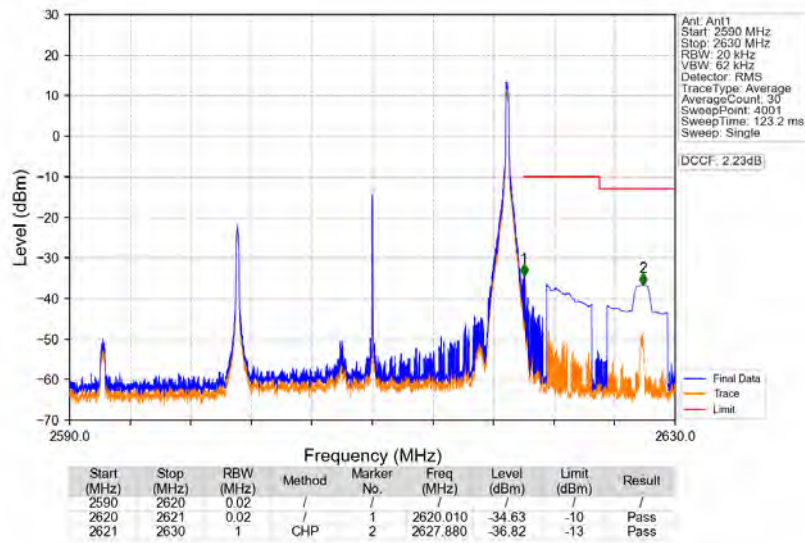
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



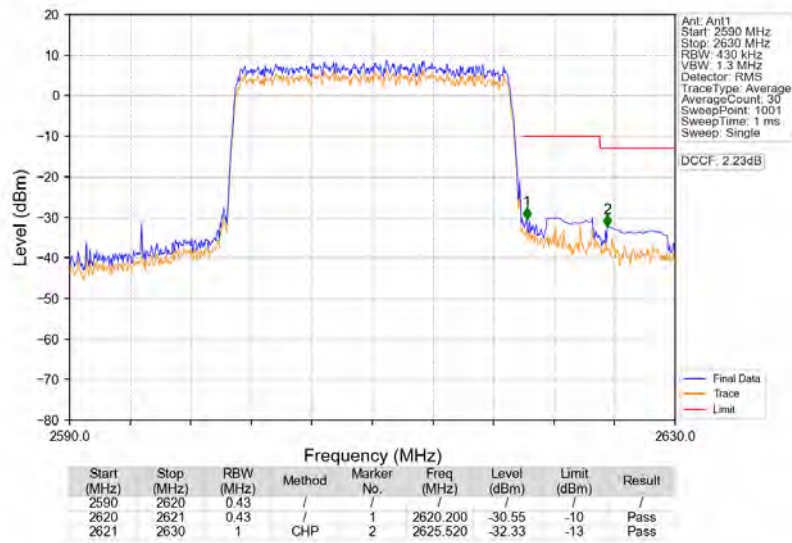
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



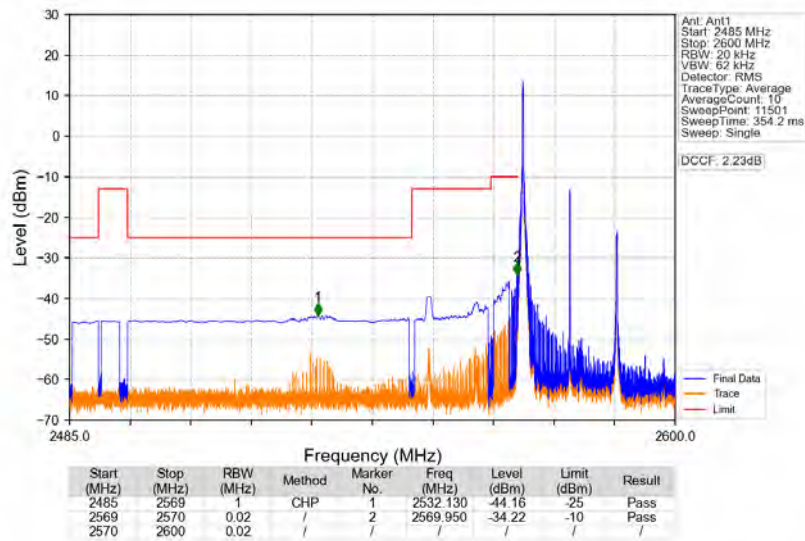
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_99_NTNV



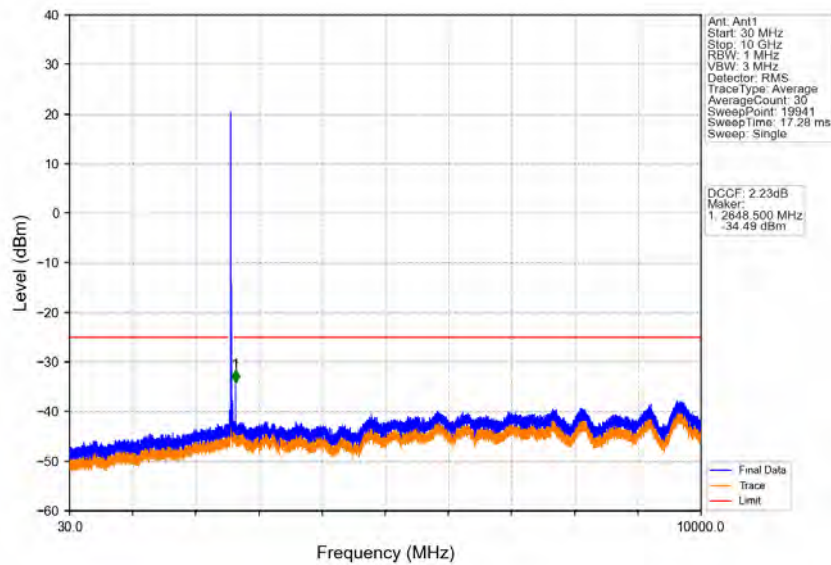
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



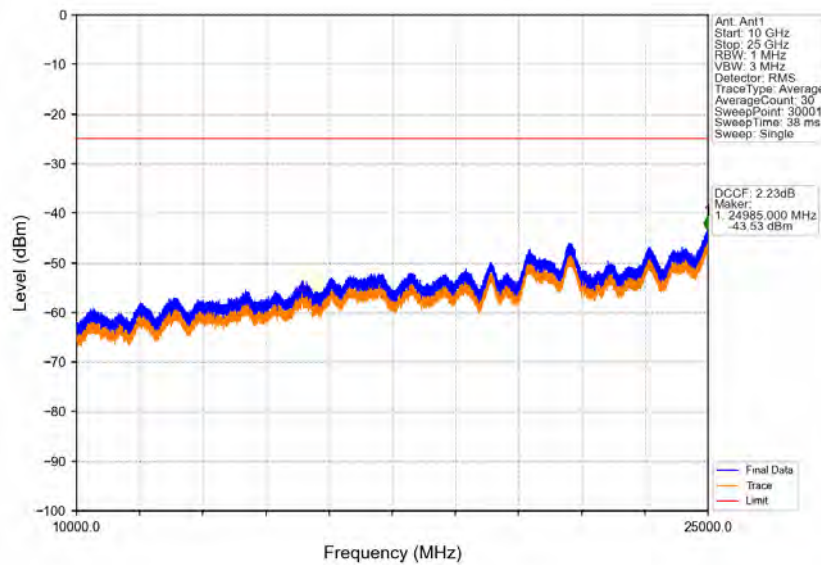
Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV



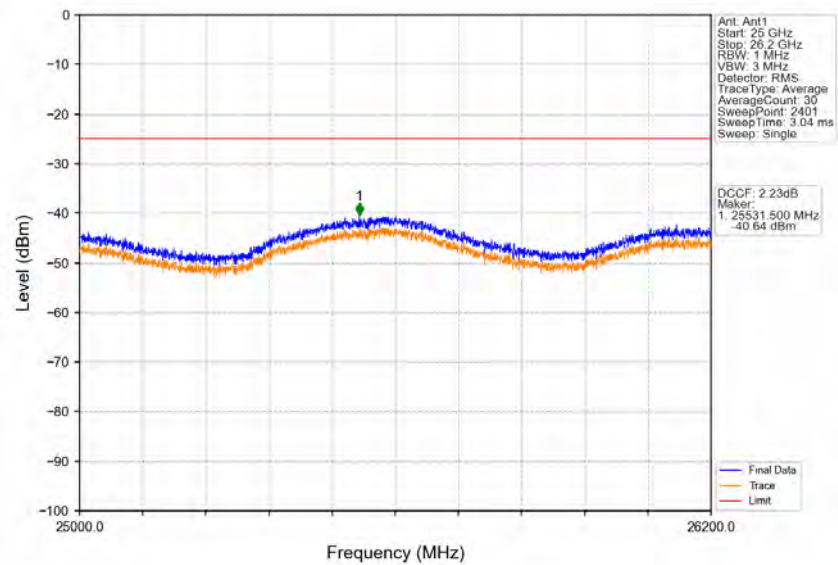
Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV



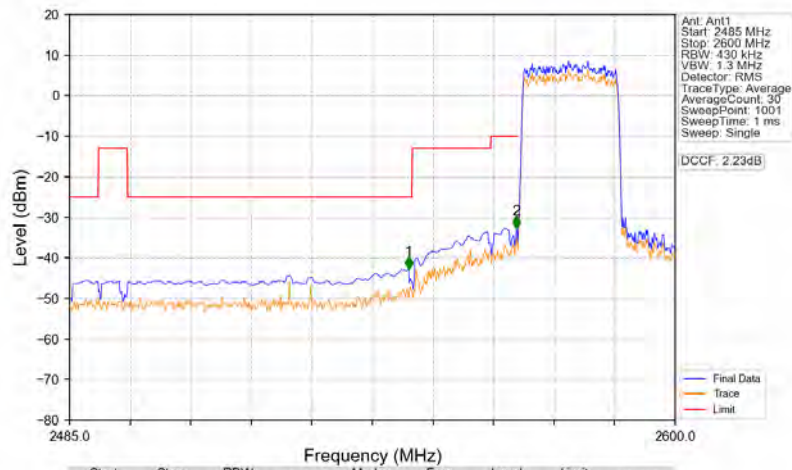
Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV



Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV

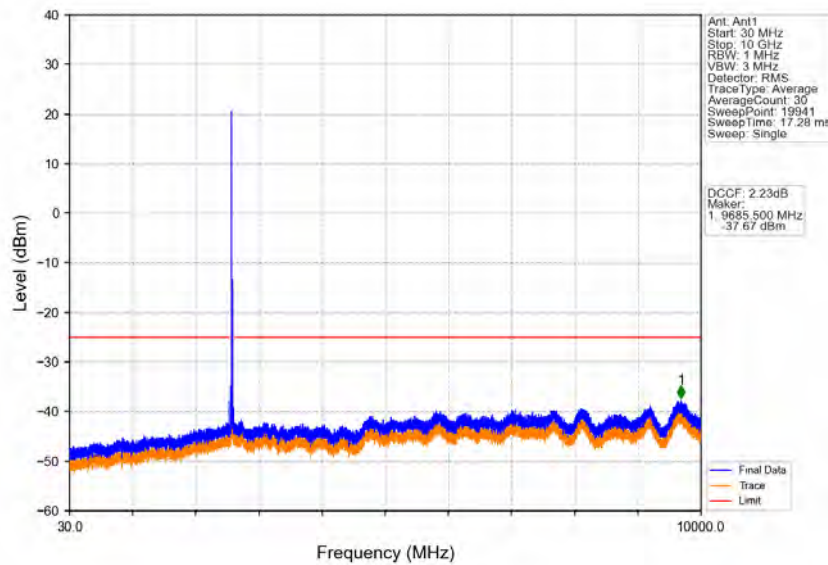


Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV

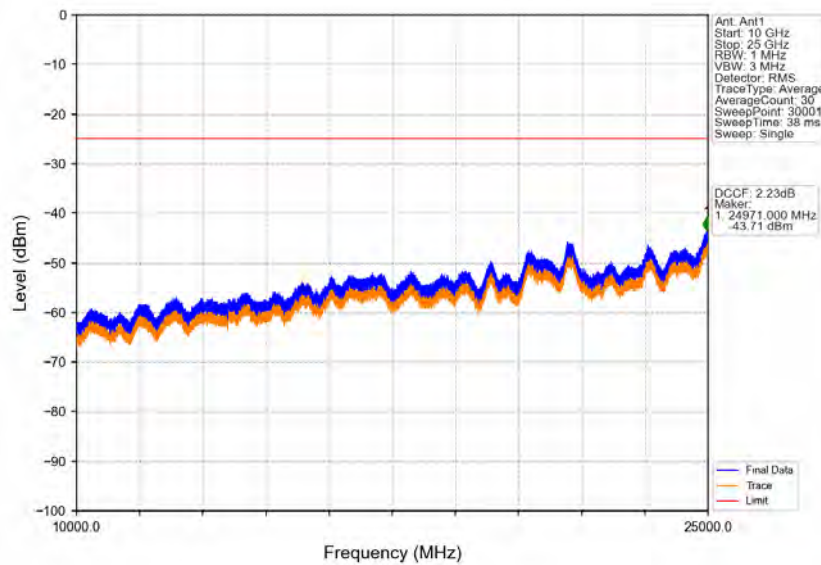


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2549.400	-42.75	-25	Pass
2569	2570	0.43	/	2	2569.870	-32.79	-10	Pass
2570	2600	0.43	/	/	/	/	/	/

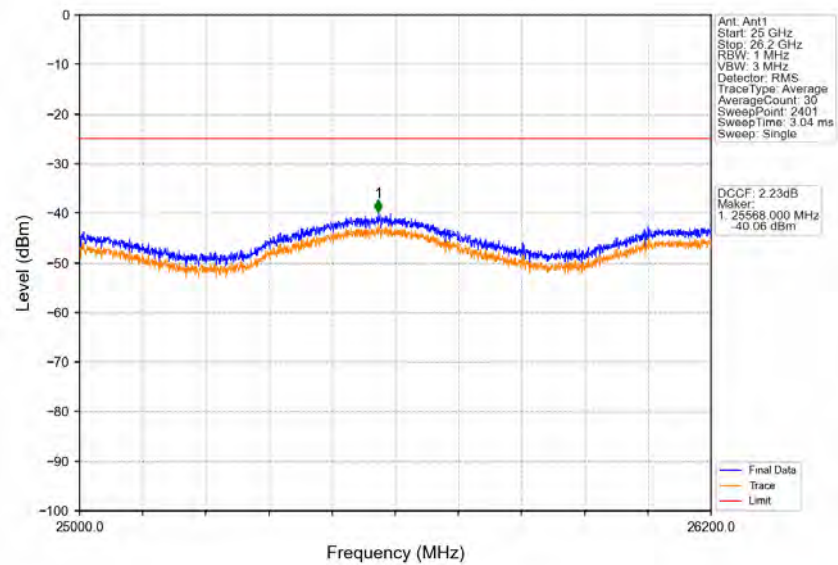
Band38_20MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



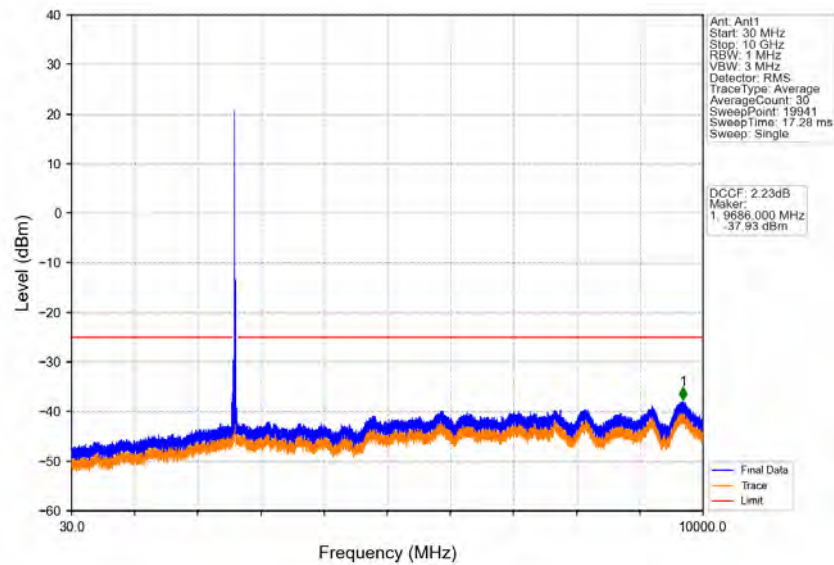
Band38_20MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



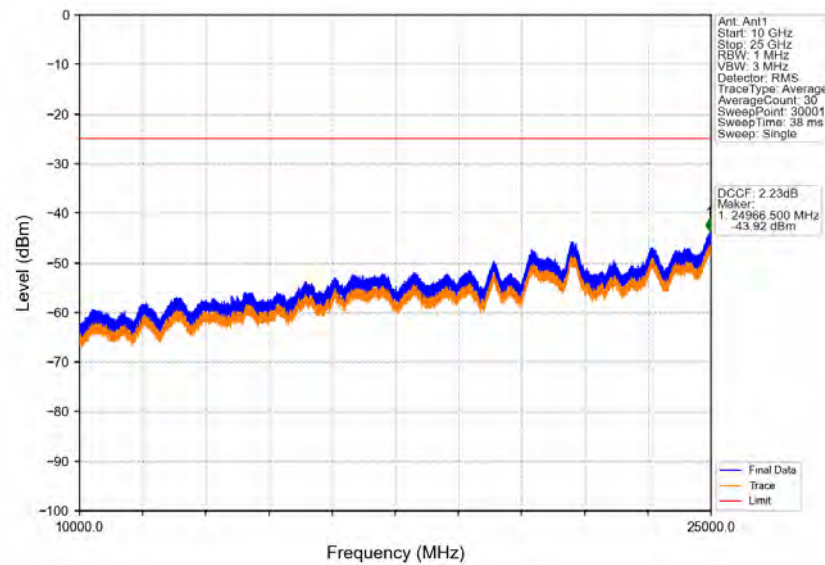
Band38_20MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



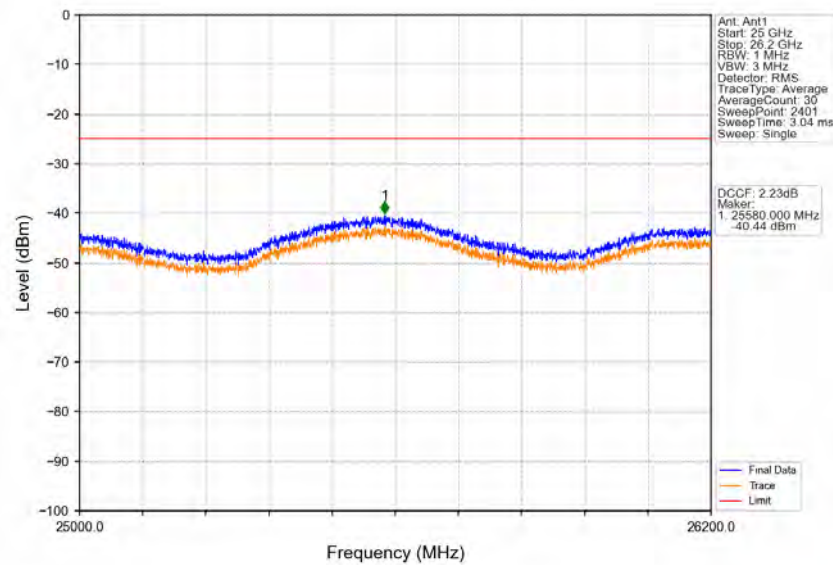
Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV



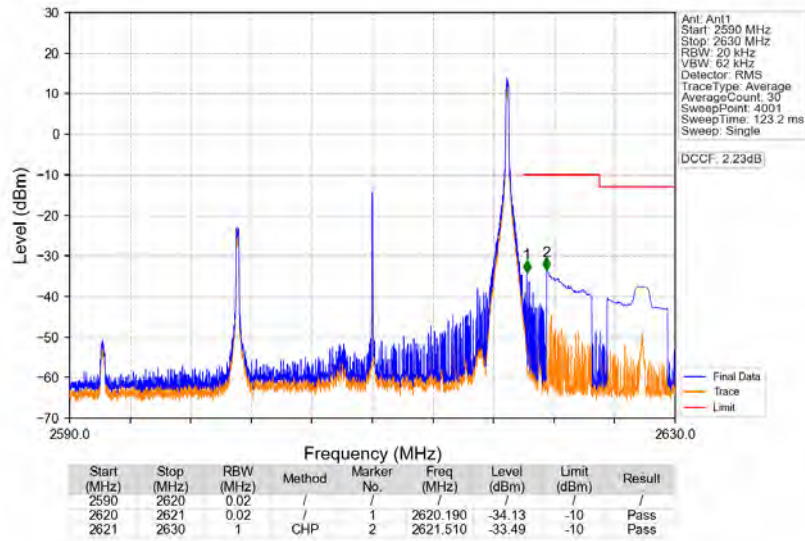
Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV



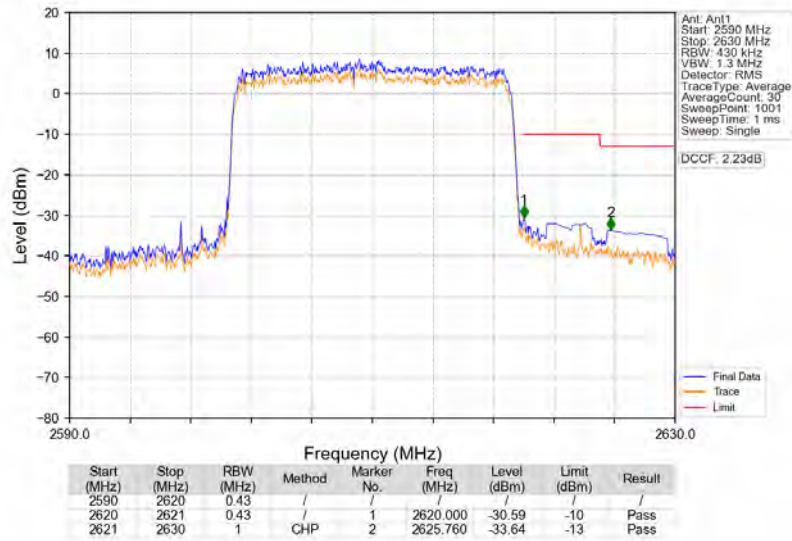
Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV



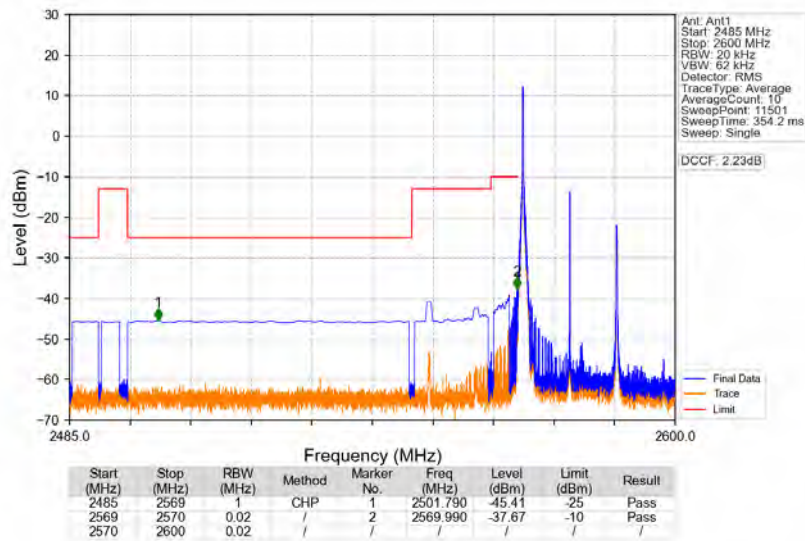
Band38_20MHz_16QAM_HCH_2610MHz_RB_1_99_NTNV



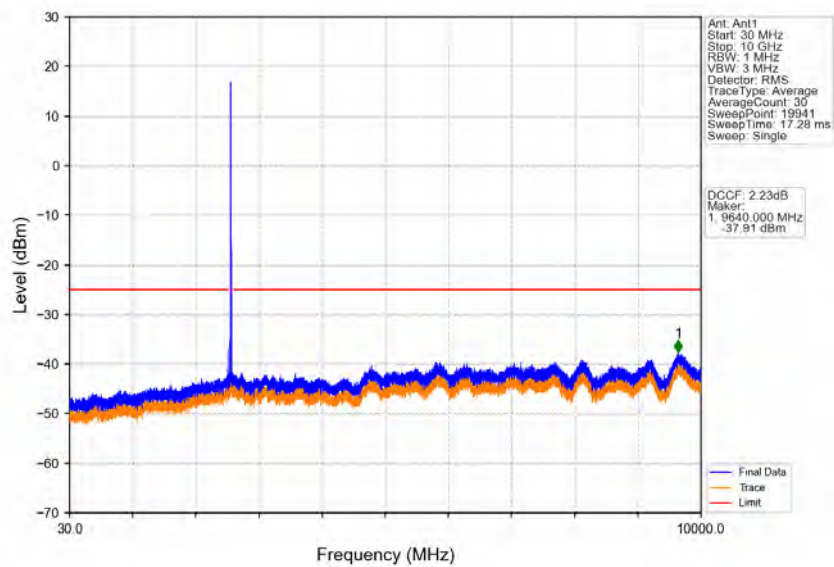
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



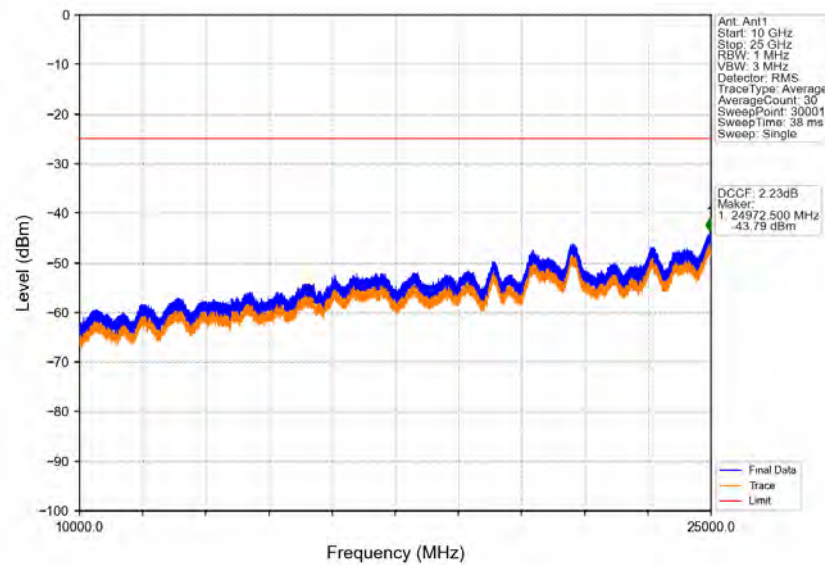
Band38_20MHz_64QAM_LCH_2580MHz_RB_1_0_NTNV



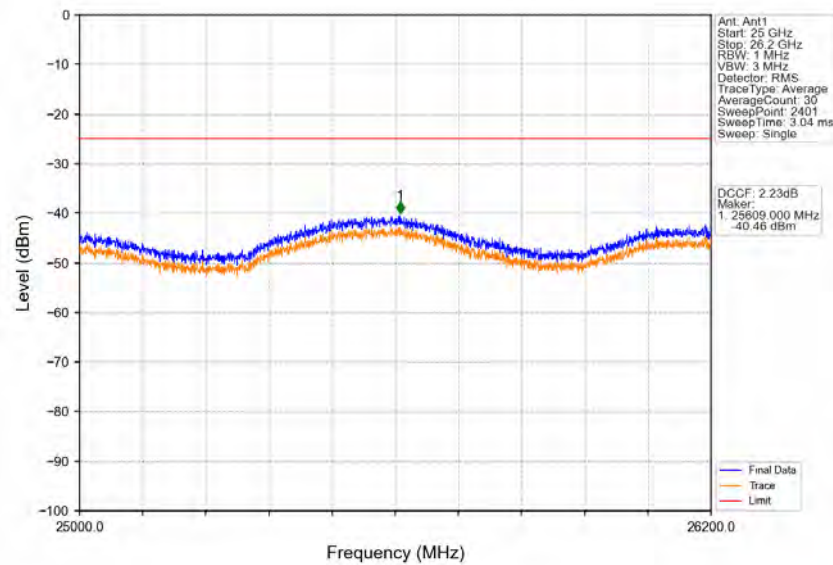
Band38_20MHz_64QAM_LCH_2580MHz_RB_1_0_NTNV



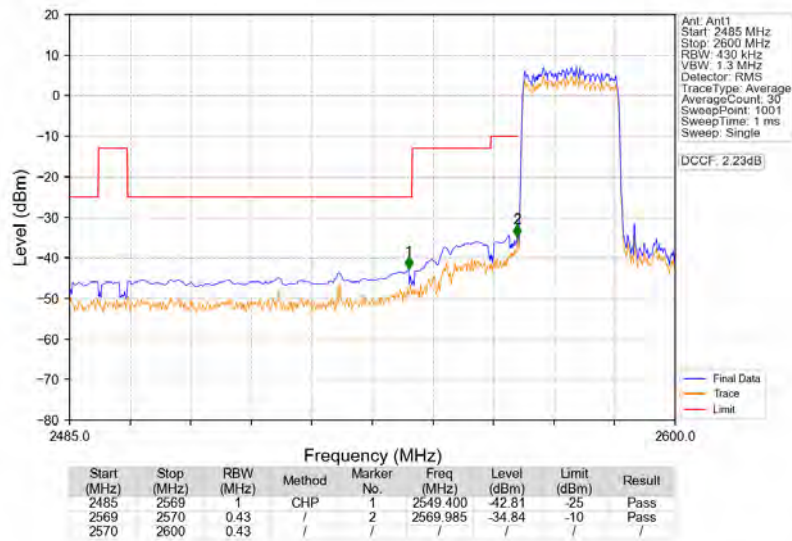
Band38_20MHz_64QAM_LCH_2580MHz_RB_1_0_NTNV



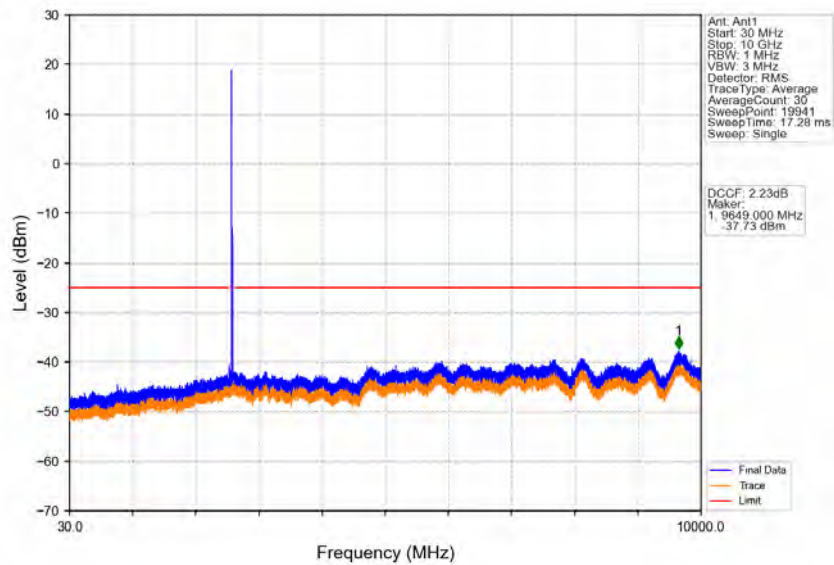
Band38_20MHz_64QAM_LCH_2580MHz_RB_1_0_NTNV



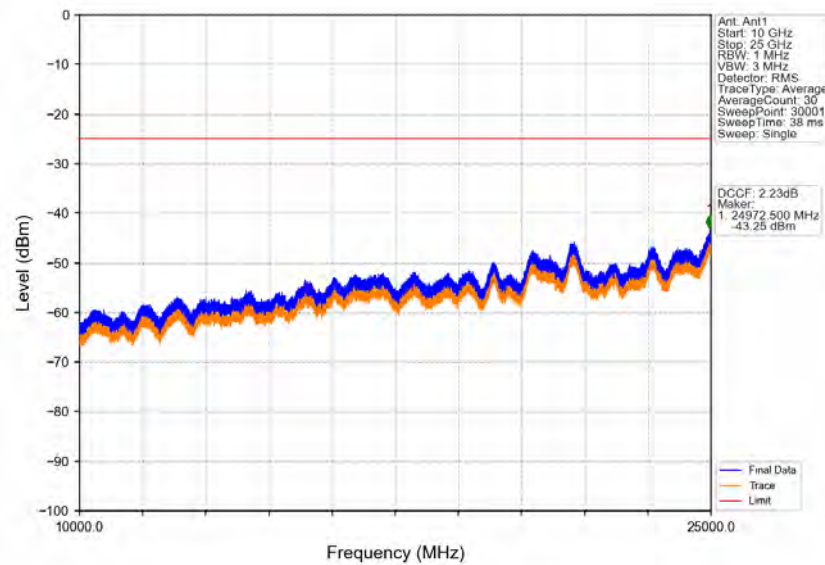
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



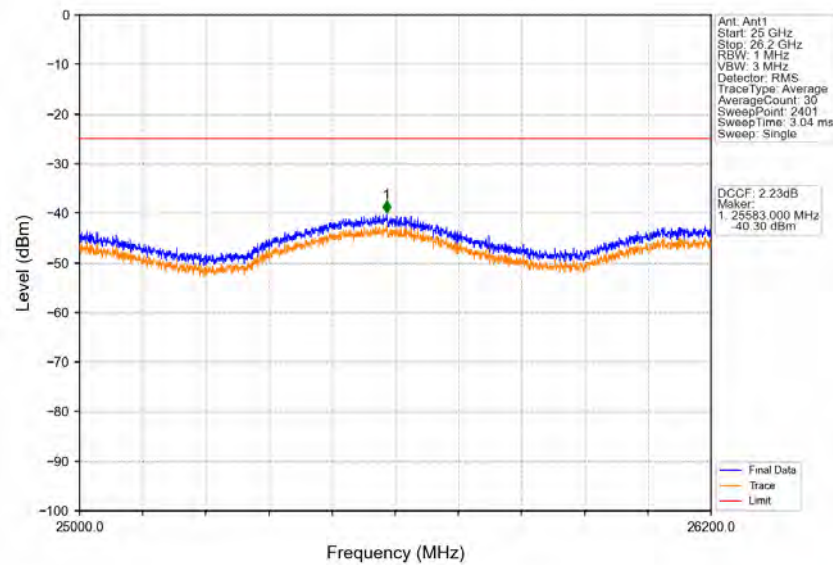
Band38_20MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



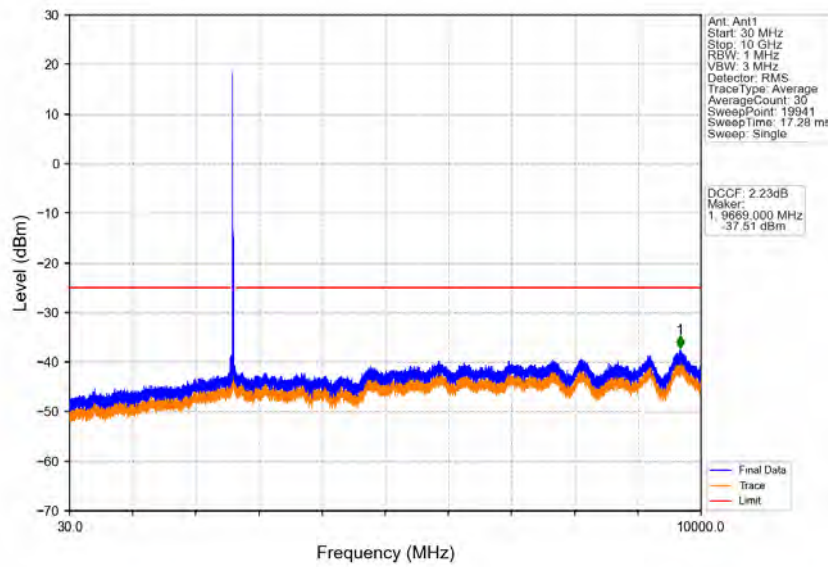
Band38_20MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



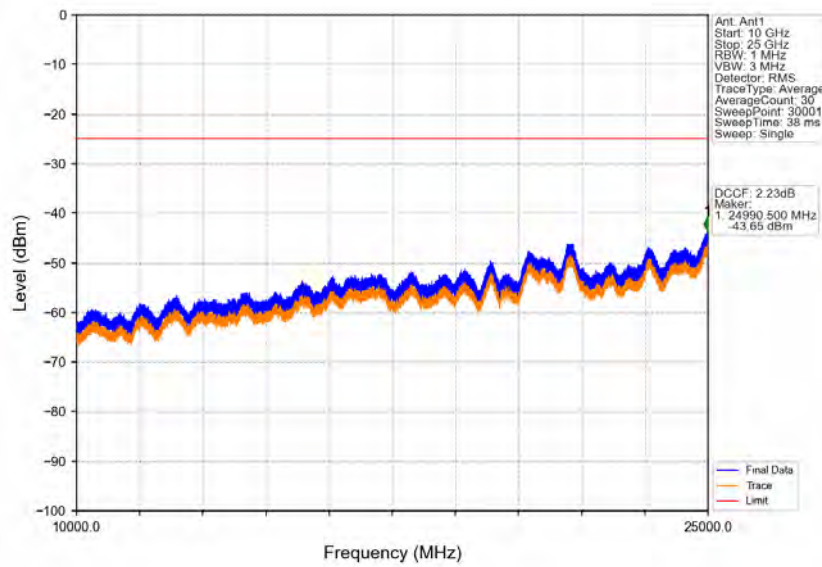
Band38_20MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



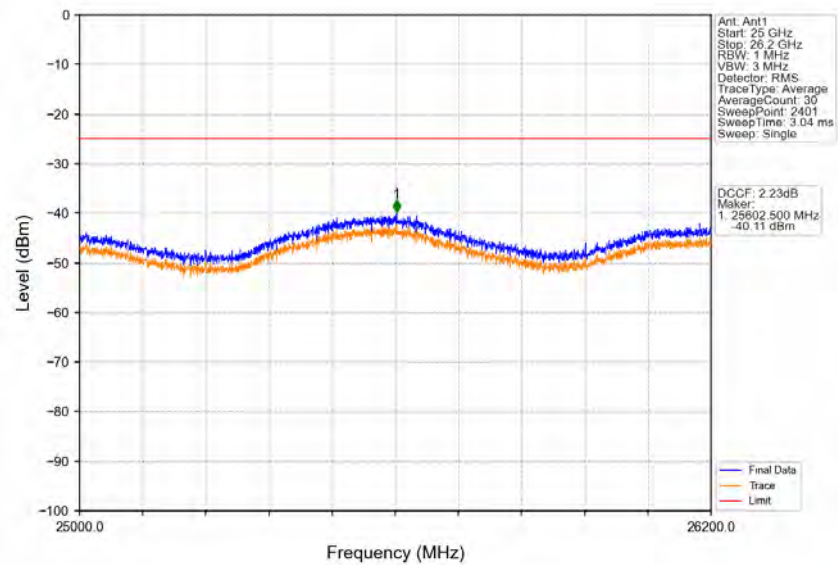
Band38_20MHz_64QAM_HCH_2610MHz_RB_1_0_NTNV



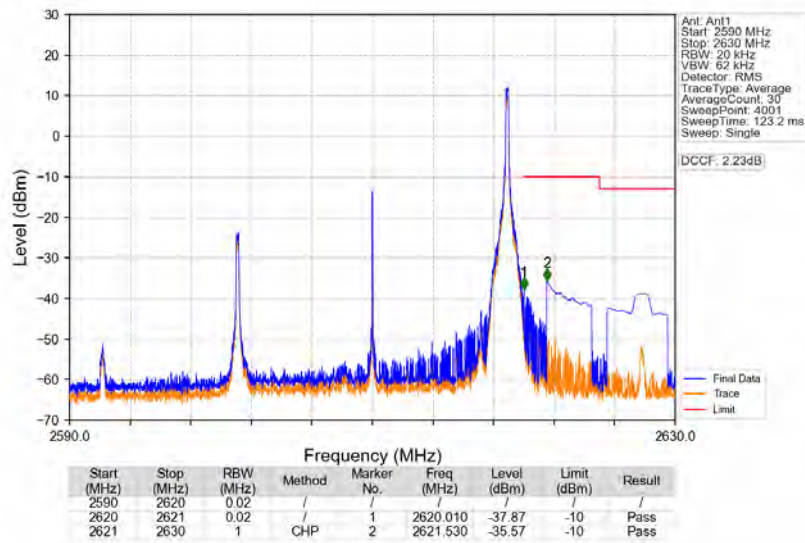
Band38_20MHz_64QAM_HCH_2610MHz_RB_1_0_NTNV



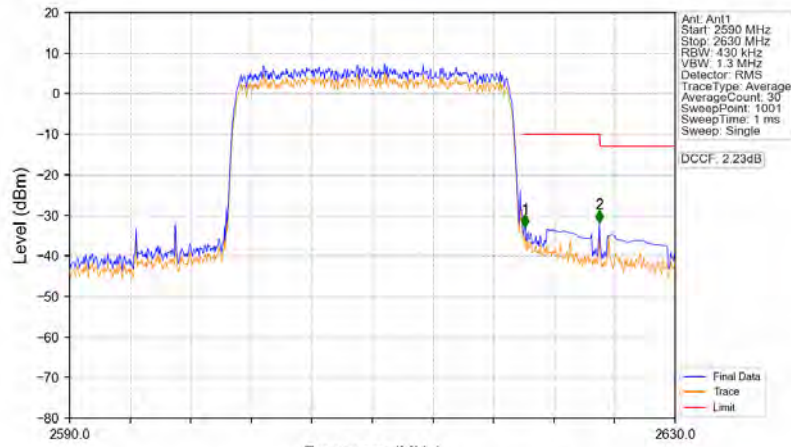
Band38_20MHz_64QAM_HCH_2610MHz_RB_1_0_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_1_99_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.43	/	/	/	/	/	/
2620	2621	0.43	/	1	2620.080	-32.94	-10	Pass
2621	2630	1	CHP	2	2625.000	-31.76	-10	Pass