

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B38_5MHz_EIRP

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	22.72	1.83	24.55	<=33.01	Pass
			13	22.72	1.83	24.55	<=33.01	Pass
			24	22.70	1.83	24.53	<=33.01	Pass
		12	0	21.86	1.83	23.69	<=33.01	Pass
			6	21.81	1.83	23.64	<=33.01	Pass
			13	21.76	1.83	23.59	<=33.01	Pass
		25	0	21.81	1.83	23.64	<=33.01	Pass
	2595	1	0	22.63	1.83	24.46	<=33.01	Pass
			13	22.73	1.83	24.56	<=33.01	Pass
			24	22.70	1.83	24.53	<=33.01	Pass
		12	0	21.78	1.83	23.61	<=33.01	Pass
			6	21.74	1.83	23.57	<=33.01	Pass
			13	21.81	1.83	23.64	<=33.01	Pass
		25	0	21.73	1.83	23.56	<=33.01	Pass
	2617.5	1	0	22.78	1.83	24.61	<=33.01	Pass
			13	22.85	1.83	24.68	<=33.01	Pass
			24	22.78	1.83	24.61	<=33.01	Pass
		12	0	21.80	1.83	23.63	<=33.01	Pass
			6	21.83	1.83	23.66	<=33.01	Pass
			13	21.77	1.83	23.60	<=33.01	Pass
		25	0	21.82	1.83	23.65	<=33.01	Pass
16QAM	2572.5	1	0	21.83	1.83	23.66	<=33.01	Pass
			13	22.02	1.83	23.60	<=33.01	Pass
			24	21.76	1.83	23.59	<=33.01	Pass
		12	0	20.75	1.83	22.58	<=33.01	Pass
			6	20.87	1.83	22.70	<=33.01	Pass
			13	20.85	1.83	22.68	<=33.01	Pass
		25	0	20.79	1.83	22.62	<=33.01	Pass
	2595	1	0	21.83	1.83	23.66	<=33.01	Pass
			13	21.97	1.83	23.80	<=33.01	Pass
			24	22.05	1.83	23.88	<=33.01	Pass
		12	0	20.72	1.83	22.55	<=33.01	Pass
			6	20.73	1.83	22.56	<=33.01	Pass
			13	20.80	1.83	22.63	<=33.01	Pass
		25	0	20.69	1.83	22.52	<=33.01	Pass
	2617.5	1	0	21.80	1.83	23.63	<=33.01	Pass
			13	21.85	1.83	23.68	<=33.01	Pass
			24	21.79	1.83	23.62	<=33.01	Pass
		12	0	20.78	1.83	22.61	<=33.01	Pass
			6	20.76	1.83	22.59	<=33.01	Pass
			13	20.82	1.83	22.65	<=33.01	Pass
		25	0	20.74	1.83	22.57	<=33.01	Pass
64QAM	2572.5	1	0	22.23	1.83	24.06	<=33.01	Pass
			13	22.08	1.83	23.91	<=33.01	Pass
			24	22.14	1.83	23.97	<=33.01	Pass
		12	0	21.52	1.83	23.35	<=33.01	Pass

		25	6	21.49	1.83	23.32	<=33.01	Pass
			13	21.45	1.83	23.28	<=33.01	Pass
			0	21.42	1.83	23.25	<=33.01	Pass
	2595	1	0	22.06	1.83	23.89	<=33.01	Pass
			13	22.09	1.83	23.92	<=33.01	Pass
			24	21.75	1.83	23.58	<=33.01	Pass
		12	0	21.29	1.83	23.12	<=33.01	Pass
			6	21.35	1.83	23.18	<=33.01	Pass
			13	21.27	1.83	23.1	<=33.01	Pass
		25	0	21.31	1.83	23.14	<=33.01	Pass
	2617.5	1	0	21.36	1.83	23.19	<=33.01	Pass
			13	21.38	1.83	23.21	<=33.01	Pass
			24	21.37	1.83	23.2	<=33.01	Pass
		12	0	20.66	1.83	22.49	<=33.01	Pass
			6	20.58	1.83	22.41	<=33.01	Pass
			13	20.52	1.83	22.35	<=33.01	Pass
		25	0	20.74	1.83	22.57	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B38_10MHz_EIRP

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	22.82	1.83	24.65	<=33.01	Pass
			25	22.69	1.83	24.52	<=33.01	Pass
			49	22.65	1.83	24.48	<=33.01	Pass
		25	0	21.82	1.83	23.65	<=33.01	Pass
			13	21.82	1.83	23.65	<=33.01	Pass
			25	21.76	1.83	23.59	<=33.01	Pass
		50	0	21.80	1.83	23.63	<=33.01	Pass
	2595	1	0	22.78	1.83	24.61	<=33.01	Pass
			25	22.73	1.83	24.56	<=33.01	Pass
			49	22.73	1.83	24.56	<=33.01	Pass
		25	0	21.75	1.83	23.58	<=33.01	Pass
			13	21.74	1.83	23.57	<=33.01	Pass
			25	21.82	1.83	23.65	<=33.01	Pass
		50	0	21.74	1.83	23.57	<=33.01	Pass
	2615	1	0	22.85	1.83	24.68	<=33.01	Pass
			25	22.74	1.83	24.57	<=33.01	Pass
			49	22.74	1.83	24.57	<=33.01	Pass
		25	0	21.73	1.83	23.56	<=33.01	Pass
			13	21.76	1.83	23.59	<=33.01	Pass
			25	21.79	1.83	23.62	<=33.01	Pass
		50	0	21.75	1.83	23.58	<=33.01	Pass
16QAM	2575	1	0	22.00	1.83	23.83	<=33.01	Pass
			25	21.95	1.83	23.78	<=33.01	Pass
			49	21.87	1.83	23.70	<=33.01	Pass
		25	0	20.84	1.83	22.67	<=33.01	Pass
			13	20.81	1.83	22.64	<=33.01	Pass
			25	20.79	1.83	22.62	<=33.01	Pass
		50	0	20.78	1.83	22.61	<=33.01	Pass
	2595	1	0	21.67	1.83	23.50	<=33.01	Pass
			25	21.90	1.83	23.73	<=33.01	Pass
			49	21.92	1.83	23.75	<=33.01	Pass

		25	0	20.75	1.83	22.58	<=33.01	Pass	
			13	20.78	1.83	22.61	<=33.01	Pass	
			25	20.83	1.83	22.66	<=33.01	Pass	
	2615	50	0	20.73	1.83	22.56	<=33.01	Pass	
			1	0	21.68	1.83	23.51	<=33.01	Pass
				25	21.61	1.83	23.44	<=33.01	Pass
		49		21.55	1.83	23.38	<=33.01	Pass	
		25	0	20.77	1.83	22.60	<=33.01	Pass	
			13	20.79	1.83	22.62	<=33.01	Pass	
			25	20.79	1.83	22.62	<=33.01	Pass	
		50	0	20.71	1.83	22.54	<=33.01	Pass	
64QAM	2575	1	0	22.22	1.83	24.05	<=33.01	Pass	
			25	22.22	1.83	24.05	<=33.01	Pass	
			49	22.15	1.83	23.98	<=33.01	Pass	
		25	0	21.40	1.83	23.23	<=33.01	Pass	
			13	21.59	1.83	23.42	<=33.01	Pass	
			25	21.46	1.83	23.29	<=33.01	Pass	
		50	0	21.48	1.83	23.31	<=33.01	Pass	
	2595	1	0	22.15	1.83	23.98	<=33.01	Pass	
			25	22.04	1.83	23.87	<=33.01	Pass	
			49	21.85	1.83	23.68	<=33.01	Pass	
		25	0	21.45	1.83	23.28	<=33.01	Pass	
			13	21.37	1.83	23.2	<=33.01	Pass	
			25	21.31	1.83	23.14	<=33.01	Pass	
	50	0	21.35	1.83	23.18	<=33.01	Pass		
	2615	1	0	21.63	1.83	23.46	<=33.01	Pass	
			25	21.42	1.83	23.25	<=33.01	Pass	
			49	21.39	1.83	23.22	<=33.01	Pass	
		25	0	20.90	1.83	22.73	<=33.01	Pass	
			13	20.86	1.83	22.69	<=33.01	Pass	
			25	20.82	1.83	22.65	<=33.01	Pass	
		50	0	20.84	1.83	22.67	<=33.01	Pass	
	Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B38_15MHz_EIRP

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	22.62	1.83	24.45	<=33.01	Pass
			38	22.54	1.83	24.37	<=33.01	Pass
			74	22.55	1.83	24.38	<=33.01	Pass
		36	0	21.62	1.83	23.45	<=33.01	Pass
			18	21.70	1.83	23.53	<=33.01	Pass
			39	21.58	1.83	23.41	<=33.01	Pass
		75	0	21.66	1.83	23.49	<=33.01	Pass
	2595	1	0	22.76	1.83	24.59	<=33.01	Pass
			38	22.61	1.83	24.44	<=33.01	Pass
			74	22.63	1.83	24.46	<=33.01	Pass
		36	0	21.63	1.83	23.46	<=33.01	Pass
			18	21.62	1.83	23.45	<=33.01	Pass
			39	21.65	1.83	23.48	<=33.01	Pass
		75	0	21.58	1.83	23.41	<=33.01	Pass
	2612.5	1	0	22.72	1.83	24.55	<=33.01	Pass
			38	22.53	1.83	24.36	<=33.01	Pass

			74	22.49	1.83	24.32	<=33.01	Pass	
		36	0	21.60	1.83	23.43	<=33.01	Pass	
			18	21.65	1.83	23.48	<=33.01	Pass	
			39	21.61	1.83	23.44	<=33.01	Pass	
		75	0	21.55	1.83	23.38	<=33.01	Pass	
16QAM	2577.5	1	0	21.89	1.83	23.72	<=33.01	Pass	
			38	21.84	1.83	23.67	<=33.01	Pass	
			74	21.74	1.83	23.57	<=33.01	Pass	
		36	0	20.60	1.83	22.43	<=33.01	Pass	
			18	20.68	1.83	22.51	<=33.01	Pass	
			39	20.62	1.83	22.45	<=33.01	Pass	
		75	0	20.59	1.83	22.42	<=33.01	Pass	
		2595	1	0	21.68	1.83	23.51	<=33.01	Pass
				38	21.60	1.83	23.43	<=33.01	Pass
	74			21.64	1.83	23.47	<=33.01	Pass	
	36		0	20.62	1.83	22.45	<=33.01	Pass	
			18	20.63	1.83	22.46	<=33.01	Pass	
			39	20.63	1.83	22.46	<=33.01	Pass	
	75	0	20.56	1.83	22.39	<=33.01	Pass		
	2612.5	1	0	22.05	1.83	23.88	<=33.01	Pass	
			38	21.63	1.83	23.46	<=33.01	Pass	
			74	22.05	1.83	23.88	<=33.01	Pass	
		36	0	20.63	1.83	22.46	<=33.01	Pass	
			18	20.61	1.83	22.44	<=33.01	Pass	
			39	20.61	1.83	22.44	<=33.01	Pass	
	75	0	20.61	1.83	22.44	<=33.01	Pass		
64QAM	2577.5	1	0	22.09	1.83	23.92	<=33.01	Pass	
			38	22.03	1.83	23.86	<=33.01	Pass	
			74	22.03	1.83	23.86	<=33.01	Pass	
		36	0	20.97	1.83	22.8	<=33.01	Pass	
			18	21.40	1.83	23.23	<=33.01	Pass	
			39	21.30	1.83	23.13	<=33.01	Pass	
		75	0	21.25	1.83	23.08	<=33.01	Pass	
		2595	1	0	22.56	1.83	24.39	<=33.01	Pass
				38	21.77	1.83	23.6	<=33.01	Pass
	74			22.88	1.83	24.71	<=33.01	Pass	
	36		0	21.22	1.83	23.05	<=33.01	Pass	
			18	21.20	1.83	23.03	<=33.01	Pass	
			39	21.02	1.83	22.85	<=33.01	Pass	
	75	0	21.14	1.83	22.97	<=33.01	Pass		
	2612.5	1	0	21.49	1.83	23.32	<=33.01	Pass	
			38	21.26	1.83	23.09	<=33.01	Pass	
			74	21.17	1.83	23	<=33.01	Pass	
		36	0	20.73	1.83	22.56	<=33.01	Pass	
			18	20.68	1.83	22.51	<=33.01	Pass	
			39	20.30	1.83	22.13	<=33.01	Pass	
		75	0	20.73	1.83	22.56	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B38_20MHz_EIRP

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	22.73	1.83	24.56	<=33.01	Pass

			50	22.55	1.83	24.38	<=33.01	Pass
			99	22.55	1.83	24.38	<=33.01	Pass
			0	21.62	1.83	23.45	<=33.01	Pass
			25	21.65	1.83	23.48	<=33.01	Pass
			50	21.60	1.83	23.43	<=33.01	Pass
		100	0	21.63	1.83	23.46	<=33.01	Pass
	2595	1	0	22.61	1.83	24.44	<=33.01	Pass
			50	22.68	1.83	24.51	<=33.01	Pass
			99	22.59	1.83	24.42	<=33.01	Pass
		50	0	21.64	1.83	23.47	<=33.01	Pass
			25	21.66	1.83	23.49	<=33.01	Pass
			50	21.72	1.83	23.55	<=33.01	Pass
		100	0	21.65	1.83	23.48	<=33.01	Pass
	2610	1	0	22.62	1.83	24.45	<=33.01	Pass
			50	22.70	1.83	24.53	<=33.01	Pass
			99	22.54	1.83	24.37	<=33.01	Pass
		50	0	21.61	1.83	23.44	<=33.01	Pass
			25	21.64	1.83	23.47	<=33.01	Pass
			50	21.68	1.83	23.51	<=33.01	Pass
		100	0	21.59	1.83	23.42	<=33.01	Pass
16QAM	2580	1	0	21.78	1.83	23.61	<=33.01	Pass
			50	21.62	1.83	23.45	<=33.01	Pass
			99	21.58	1.83	23.41	<=33.01	Pass
		50	0	20.60	1.83	22.43	<=33.01	Pass
			25	20.65	1.83	22.48	<=33.01	Pass
			50	20.60	1.83	22.43	<=33.01	Pass
		100	0	20.64	1.83	22.47	<=33.01	Pass
	2595	1	0	21.89	1.83	23.72	<=33.01	Pass
			50	21.50	1.83	23.33	<=33.01	Pass
			99	21.43	1.83	23.26	<=33.01	Pass
		50	0	20.62	1.83	22.45	<=33.01	Pass
			25	20.64	1.83	22.47	<=33.01	Pass
			50	20.75	1.83	22.58	<=33.01	Pass
		100	0	20.66	1.83	22.49	<=33.01	Pass
	2610	1	0	21.92	1.83	23.75	<=33.01	Pass
			50	21.78	1.83	23.61	<=33.01	Pass
			99	21.86	1.83	23.69	<=33.01	Pass
		50	0	20.64	1.83	22.47	<=33.01	Pass
			25	20.63	1.83	22.46	<=33.01	Pass
			50	20.67	1.83	22.50	<=33.01	Pass
		100	0	20.61	1.83	22.44	<=33.01	Pass
64QAM	2580	1	0	22.17	1.83	24	<=33.01	Pass
			50	22.02	1.83	23.60	<=33.01	Pass
			99	22.11	1.83	23.94	<=33.01	Pass
		50	0	21.31	1.83	23.14	<=33.01	Pass
			25	21.42	1.83	23.25	<=33.01	Pass
			50	21.37	1.83	23.2	<=33.01	Pass
		100	0	21.04	1.83	22.87	<=33.01	Pass
	2595	1	0	22.09	1.83	23.92	<=33.01	Pass
			50	21.94	1.83	23.77	<=33.01	Pass
			99	21.55	1.83	23.38	<=33.01	Pass
		50	0	21.29	1.83	23.12	<=33.01	Pass
			25	21.19	1.83	23.02	<=33.01	Pass
			50	21.01	1.83	22.84	<=33.01	Pass
		100	0	21.16	1.83	22.99	<=33.01	Pass
	2610	1	0	21.72	1.83	23.55	<=33.01	Pass
			50	21.35	1.83	23.18	<=33.01	Pass

			99	21.08	1.83	22.91	<=33.01	Pass
			0	20.87	1.83	22.7	<=33.01	Pass
		50	25	20.82	1.83	22.65	<=33.01	Pass
			50	20.49	1.83	22.32	<=33.01	Pass
		100	0	20.69	1.83	22.52	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2572.5	25	0	20	3.40	9.799	0.0038	-2.5 to 2.5	Pass
					3.60	7.653	0.0030	-2.5 to 2.5	Pass
					4.20	10.419	0.0041	-2.5 to 2.5	Pass
				-30	3.60	11.049	0.0043	-2.5 to 2.5	Pass
				-20	3.60	8.711	0.0034	-2.5 to 2.5	Pass
				-10	3.60	8.455	0.0033	-2.5 to 2.5	Pass
				0	3.60	9.269	0.0036	-2.5 to 2.5	Pass
				10	3.60	8.642	0.0034	-2.5 to 2.5	Pass
				30	3.60	10.515	0.0041	-2.5 to 2.5	Pass
				40	3.60	9.842	0.0038	-2.5 to 2.5	Pass
				50	3.60	10.140	0.0039	-2.5 to 2.5	Pass
	2595	25	0	20	3.40	7.671	0.0030	-2.5 to 2.5	Pass
					3.60	6.670	0.0026	-2.5 to 2.5	Pass
					4.20	8.711	0.0034	-2.5 to 2.5	Pass
				-30	3.60	9.491	0.0037	-2.5 to 2.5	Pass
				-20	3.60	7.470	0.0029	-2.5 to 2.5	Pass
				-10	3.60	8.361	0.0032	-2.5 to 2.5	Pass
				0	3.60	6.088	0.0023	-2.5 to 2.5	Pass
				10	3.60	8.093	0.0031	-2.5 to 2.5	Pass
				30	3.60	7.995	0.0031	-2.5 to 2.5	Pass
				40	3.60	9.970	0.0038	-2.5 to 2.5	Pass
				50	3.60	10.271	0.0040	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.40	9.942	0.0038	-2.5 to 2.5	Pass
					3.60	7.435	0.0028	-2.5 to 2.5	Pass
					4.20	6.913	0.0026	-2.5 to 2.5	Pass
				-30	3.60	8.332	0.0032	-2.5 to 2.5	Pass
				-20	3.60	10.796	0.0041	-2.5 to 2.5	Pass
				-10	3.60	12.283	0.0047	-2.5 to 2.5	Pass
				0	3.60	9.113	0.0035	-2.5 to 2.5	Pass
				10	3.60	10.129	0.0039	-2.5 to 2.5	Pass
				30	3.60	7.371	0.0028	-2.5 to 2.5	Pass
				40	3.60	8.295	0.0032	-2.5 to 2.5	Pass
				50	3.60	9.640	0.0037	-2.5 to 2.5	Pass
16QAM	2572.5	25	0	20	3.40	8.905	0.0035	-2.5 to 2.5	Pass
					3.60	8.736	0.0034	-2.5 to 2.5	Pass
					4.20	11.997	0.0047	-2.5 to 2.5	Pass
				-30	3.60	9.727	0.0038	-2.5 to 2.5	Pass
				-20	3.60	9.026	0.0035	-2.5 to 2.5	Pass

				-10	3.60	10.611	0.0041	-2.5 to 2.5	Pass
				0	3.60	12.472	0.0048	-2.5 to 2.5	Pass
				10	3.60	9.334	0.0036	-2.5 to 2.5	Pass
				30	3.60	11.601	0.0045	-2.5 to 2.5	Pass
				40	3.60	9.969	0.0039	-2.5 to 2.5	Pass
				50	3.60	12.053	0.0047	-2.5 to 2.5	Pass
	2595	25	0	20	3.40	10.214	0.0039	-2.5 to 2.5	Pass
					3.60	7.336	0.0028	-2.5 to 2.5	Pass
					4.20	9.859	0.0038	-2.5 to 2.5	Pass
				-30	3.60	9.208	0.0035	-2.5 to 2.5	Pass
				-20	3.60	11.099	0.0043	-2.5 to 2.5	Pass
				-10	3.60	6.946	0.0027	-2.5 to 2.5	Pass
				0	3.60	7.564	0.0029	-2.5 to 2.5	Pass
				10	3.60	7.259	0.0028	-2.5 to 2.5	Pass
				30	3.60	7.976	0.0031	-2.5 to 2.5	Pass
				40	3.60	8.537	0.0033	-2.5 to 2.5	Pass
				50	3.60	8.533	0.0033	-2.5 to 2.5	Pass
				20	3.40	10.027	0.0038	-2.5 to 2.5	Pass
					3.60	11.668	0.0045	-2.5 to 2.5	Pass
					4.20	10.855	0.0041	-2.5 to 2.5	Pass
	2617.5	25	0	-30	3.60	9.544	0.0036	-2.5 to 2.5	Pass
				-20	3.60	6.433	0.0025	-2.5 to 2.5	Pass
				-10	3.60	9.106	0.0035	-2.5 to 2.5	Pass
				0	3.60	7.555	0.0029	-2.5 to 2.5	Pass
				10	3.60	5.170	0.0020	-2.5 to 2.5	Pass
				30	3.60	5.340	0.0020	-2.5 to 2.5	Pass
				40	3.60	7.284	0.0028	-2.5 to 2.5	Pass
				50	3.60	7.906	0.0030	-2.5 to 2.5	Pass
64QAM	2572.5	25	0	20	3.40	3.000	0.0012	-2.5 to 2.5	Pass
					3.60	7.500	0.0029	-2.5 to 2.5	Pass
					4.20	4.100	0.0016	-2.5 to 2.5	Pass
				-30	3.60	4.300	0.0017	-2.5 to 2.5	Pass
				-20	3.60	4.500	0.0017	-2.5 to 2.5	Pass
				-10	3.60	6.200	0.0024	-2.5 to 2.5	Pass
				0	3.60	3.700	0.0014	-2.5 to 2.5	Pass
				10	3.60	5.800	0.0023	-2.5 to 2.5	Pass
				30	3.60	3.200	0.0012	-2.5 to 2.5	Pass
				40	3.60	3.800	0.0015	-2.5 to 2.5	Pass
				50	3.60	9.100	0.0035	-2.5 to 2.5	Pass
	2595	25	0	20	3.40	3.900	0.0015	-2.5 to 2.5	Pass
					3.60	6.200	0.0024	-2.5 to 2.5	Pass
					4.20	4.100	0.0016	-2.5 to 2.5	Pass
				-30	3.60	3.900	0.0015	-2.5 to 2.5	Pass
				-20	3.60	7.000	0.0027	-2.5 to 2.5	Pass
				-10	3.60	8.200	0.0032	-2.5 to 2.5	Pass
				0	3.60	4.700	0.0018	-2.5 to 2.5	Pass
				10	3.60	6.000	0.0023	-2.5 to 2.5	Pass
				30	3.60	6.200	0.0024	-2.5 to 2.5	Pass
				40	3.60	4.500	0.0017	-2.5 to 2.5	Pass
				50	3.60	4.200	0.0016	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.40	2.300	0.0009	-2.5 to 2.5	Pass
					3.60	7.000	0.0027	-2.5 to 2.5	Pass
					4.20	1.200	0.0005	-2.5 to 2.5	Pass
				-30	3.60	4.300	0.0016	-2.5 to 2.5	Pass
				-20	3.60	6.700	0.0026	-2.5 to 2.5	Pass
				-10	3.60	1.800	0.0007	-2.5 to 2.5	Pass
				0	3.60	9.300	0.0036	-2.5 to 2.5	Pass

				10	3.60	2.600	0.0010	-2.5 to 2.5	Pass
				30	3.60	7.800	0.0030	-2.5 to 2.5	Pass
				40	3.60	7.500	0.0029	-2.5 to 2.5	Pass
				50	3.60	1.800	0.0007	-2.5 to 2.5	Pass

2.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2575	50	0	20	3.40	9.531	0.0037	-2.5 to 2.5	Pass
					3.60	5.631	0.0022	-2.5 to 2.5	Pass
					4.20	9.292	0.0036	-2.5 to 2.5	Pass
				-30	3.60	5.740	0.0022	-2.5 to 2.5	Pass
				-20	3.60	4.403	0.0017	-2.5 to 2.5	Pass
				-10	3.60	5.549	0.0022	-2.5 to 2.5	Pass
				0	3.60	9.067	0.0035	-2.5 to 2.5	Pass
				10	3.60	9.149	0.0036	-2.5 to 2.5	Pass
				30	3.60	9.920	0.0039	-2.5 to 2.5	Pass
				40	3.60	9.712	0.0038	-2.5 to 2.5	Pass
				50	3.60	4.837	0.0019	-2.5 to 2.5	Pass
	2595	50	0	20	3.40	5.120	0.0020	-2.5 to 2.5	Pass
					3.60	4.416	0.0017	-2.5 to 2.5	Pass
					4.20	9.653	0.0037	-2.5 to 2.5	Pass
				-30	3.60	7.746	0.0030	-2.5 to 2.5	Pass
				-20	3.60	5.354	0.0021	-2.5 to 2.5	Pass
				-10	3.60	8.848	0.0034	-2.5 to 2.5	Pass
				0	3.60	10.082	0.0039	-2.5 to 2.5	Pass
				10	3.60	9.575	0.0037	-2.5 to 2.5	Pass
				30	3.60	8.683	0.0033	-2.5 to 2.5	Pass
				40	3.60	5.511	0.0021	-2.5 to 2.5	Pass
				50	3.60	5.667	0.0022	-2.5 to 2.5	Pass
	2615	50	0	20	3.40	4.662	0.0018	-2.5 to 2.5	Pass
					3.60	5.039	0.0019	-2.5 to 2.5	Pass
					4.20	7.438	0.0028	-2.5 to 2.5	Pass
				-30	3.60	8.293	0.0032	-2.5 to 2.5	Pass
				-20	3.60	9.485	0.0036	-2.5 to 2.5	Pass
				-10	3.60	9.399	0.0036	-2.5 to 2.5	Pass
				0	3.60	4.518	0.0017	-2.5 to 2.5	Pass
				10	3.60	9.428	0.0036	-2.5 to 2.5	Pass
				30	3.60	9.328	0.0036	-2.5 to 2.5	Pass
				40	3.60	5.912	0.0023	-2.5 to 2.5	Pass
				50	3.60	5.318	0.0020	-2.5 to 2.5	Pass
16QAM	2575	50	0	20	3.40	8.449	0.0033	-2.5 to 2.5	Pass
					3.60	4.745	0.0018	-2.5 to 2.5	Pass
					4.20	5.611	0.0022	-2.5 to 2.5	Pass
				-30	3.60	5.783	0.0022	-2.5 to 2.5	Pass
				-20	3.60	5.573	0.0022	-2.5 to 2.5	Pass
				-10	3.60	6.798	0.0026	-2.5 to 2.5	Pass
				0	3.60	6.587	0.0026	-2.5 to 2.5	Pass
				10	3.60	6.077	0.0024	-2.5 to 2.5	Pass
				30	3.60	9.526	0.0037	-2.5 to 2.5	Pass
				40	3.60	4.502	0.0017	-2.5 to 2.5	Pass
				50	3.60	5.664	0.0022	-2.5 to 2.5	Pass
	2595	50	0	20	3.40	7.903	0.0030	-2.5 to 2.5	Pass

					3.60	7.699	0.0030	-2.5 to 2.5	Pass
					4.20	3.993	0.0015	-2.5 to 2.5	Pass
				-30	3.60	7.379	0.0028	-2.5 to 2.5	Pass
				-20	3.60	9.895	0.0038	-2.5 to 2.5	Pass
				-10	3.60	6.502	0.0025	-2.5 to 2.5	Pass
				0	3.60	9.218	0.0036	-2.5 to 2.5	Pass
				10	3.60	4.656	0.0018	-2.5 to 2.5	Pass
				30	3.60	6.829	0.0026	-2.5 to 2.5	Pass
				40	3.60	8.313	0.0032	-2.5 to 2.5	Pass
				50	3.60	11.636	0.0045	-2.5 to 2.5	Pass
	2615	50	0	20	3.40	9.862	0.0038	-2.5 to 2.5	Pass
					3.60	5.677	0.0022	-2.5 to 2.5	Pass
					4.20	8.609	0.0033	-2.5 to 2.5	Pass
				-30	3.60	4.838	0.0019	-2.5 to 2.5	Pass
				-20	3.60	6.800	0.0026	-2.5 to 2.5	Pass
				-10	3.60	3.788	0.0014	-2.5 to 2.5	Pass
				0	3.60	9.586	0.0037	-2.5 to 2.5	Pass
				10	3.60	6.166	0.0024	-2.5 to 2.5	Pass
				30	3.60	6.508	0.0025	-2.5 to 2.5	Pass
				40	3.60	8.166	0.0031	-2.5 to 2.5	Pass
				50	3.60	6.028	0.0023	-2.5 to 2.5	Pass
64QAM	2575	50	0	20	3.40	-0.200	-0.0001	-2.5 to 2.5	Pass
					3.60	-1.800	-0.0007	-2.5 to 2.5	Pass
					4.20	2.500	0.0010	-2.5 to 2.5	Pass
				-30	3.60	0.100	0.0000	-2.5 to 2.5	Pass
				-20	3.60	6.400	0.0025	-2.5 to 2.5	Pass
				-10	3.60	3.900	0.0015	-2.5 to 2.5	Pass
				0	3.60	5.300	0.0021	-2.5 to 2.5	Pass
				10	3.60	7.200	0.0028	-2.5 to 2.5	Pass
				30	3.60	5.500	0.0021	-2.5 to 2.5	Pass
				40	3.60	4.900	0.0019	-2.5 to 2.5	Pass
				50	3.60	3.900	0.0015	-2.5 to 2.5	Pass
	2595	50	0	20	3.40	4.800	0.0018	-2.5 to 2.5	Pass
					3.60	2.700	0.0010	-2.5 to 2.5	Pass
					4.20	3.500	0.0013	-2.5 to 2.5	Pass
				-30	3.60	5.800	0.0022	-2.5 to 2.5	Pass
				-20	3.60	4.500	0.0017	-2.5 to 2.5	Pass
				-10	3.60	3.300	0.0013	-2.5 to 2.5	Pass
				0	3.60	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.60	1.500	0.0006	-2.5 to 2.5	Pass
				30	3.60	0.900	0.0003	-2.5 to 2.5	Pass
				40	3.60	-1.200	-0.0005	-2.5 to 2.5	Pass
				50	3.60	4.200	0.0016	-2.5 to 2.5	Pass
	2615	50	0	20	3.40	2.200	0.0008	-2.5 to 2.5	Pass
					3.60	-1.000	-0.0004	-2.5 to 2.5	Pass
					4.20	5.700	0.0022	-2.5 to 2.5	Pass
				-30	3.60	-0.300	-0.0001	-2.5 to 2.5	Pass
				-20	3.60	4.800	0.0018	-2.5 to 2.5	Pass
				-10	3.60	2.300	0.0009	-2.5 to 2.5	Pass
				0	3.60	5.100	0.0020	-2.5 to 2.5	Pass
				10	3.60	1.000	0.0004	-2.5 to 2.5	Pass
				30	3.60	2.600	0.0010	-2.5 to 2.5	Pass
				40	3.60	4.100	0.0016	-2.5 to 2.5	Pass
				50	3.60	6.100	0.0023	-2.5 to 2.5	Pass

2.1.3 B38_15MHz

Band: 38 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2577.5	75	0	20	3.40	7.815	0.0030	-2.5 to 2.5	Pass
					3.60	9.306	0.0036	-2.5 to 2.5	Pass
					4.20	5.520	0.0021	-2.5 to 2.5	Pass
				-30	3.60	8.005	0.0031	-2.5 to 2.5	Pass
				-20	3.60	9.918	0.0038	-2.5 to 2.5	Pass
				-10	3.60	7.783	0.0030	-2.5 to 2.5	Pass
				0	3.60	8.318	0.0032	-2.5 to 2.5	Pass
				10	3.60	7.555	0.0029	-2.5 to 2.5	Pass
				30	3.60	6.272	0.0024	-2.5 to 2.5	Pass
				40	3.60	6.722	0.0026	-2.5 to 2.5	Pass
	2595	75	0	20	3.60	8.336	0.0032	-2.5 to 2.5	Pass
					3.40	6.758	0.0026	-2.5 to 2.5	Pass
					3.60	6.634	0.0026	-2.5 to 2.5	Pass
				-30	4.20	5.195	0.0020	-2.5 to 2.5	Pass
					3.60	6.635	0.0026	-2.5 to 2.5	Pass
					3.60	9.451	0.0036	-2.5 to 2.5	Pass
				-20	3.60	9.667	0.0037	-2.5 to 2.5	Pass
				-10	3.60	8.592	0.0033	-2.5 to 2.5	Pass
				0	3.60	9.193	0.0035	-2.5 to 2.5	Pass
				10	3.60	7.486	0.0029	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.60	8.405	0.0032	-2.5 to 2.5	Pass
					3.60	8.488	0.0033	-2.5 to 2.5	Pass
					3.40	7.781	0.0030	-2.5 to 2.5	Pass
				-30	3.60	5.441	0.0021	-2.5 to 2.5	Pass
					4.20	6.464	0.0025	-2.5 to 2.5	Pass
					3.60	7.965	0.0030	-2.5 to 2.5	Pass
				-20	3.60	7.470	0.0029	-2.5 to 2.5	Pass
				-10	3.60	10.910	0.0042	-2.5 to 2.5	Pass
				0	3.60	6.015	0.0023	-2.5 to 2.5	Pass
				10	3.60	7.855	0.0030	-2.5 to 2.5	Pass
16QAM	2577.5	75	0	20	3.60	6.250	0.0024	-2.5 to 2.5	Pass
					3.60	7.382	0.0028	-2.5 to 2.5	Pass
					3.60	9.844	0.0038	-2.5 to 2.5	Pass
				-30	3.40	7.743	0.0030	-2.5 to 2.5	Pass
					3.60	9.035	0.0035	-2.5 to 2.5	Pass
					4.20	8.285	0.0032	-2.5 to 2.5	Pass
				-20	3.60	7.354	0.0029	-2.5 to 2.5	Pass
				-10	3.60	9.364	0.0036	-2.5 to 2.5	Pass
				0	3.60	8.713	0.0034	-2.5 to 2.5	Pass
				10	3.60	7.976	0.0031	-2.5 to 2.5	Pass
	2595	75	0	20	3.60	7.256	0.0028	-2.5 to 2.5	Pass
					3.60	10.159	0.0039	-2.5 to 2.5	Pass
					3.60	7.244	0.0028	-2.5 to 2.5	Pass
				-30	3.60	9.368	0.0036	-2.5 to 2.5	Pass
					3.40	5.770	0.0022	-2.5 to 2.5	Pass
					3.60	9.549	0.0037	-2.5 to 2.5	Pass
				-20	4.20	6.367	0.0025	-2.5 to 2.5	Pass
					3.60	9.018	0.0035	-2.5 to 2.5	Pass
					3.60	9.452	0.0036	-2.5 to 2.5	Pass
				-10	3.60	7.246	0.0028	-2.5 to 2.5	Pass
				0	3.60	9.490	0.0037	-2.5 to 2.5	Pass

				10	3.60	8.659	0.0033	-2.5 to 2.5	Pass
				30	3.60	9.512	0.0037	-2.5 to 2.5	Pass
				40	3.60	10.293	0.0040	-2.5 to 2.5	Pass
				50	3.60	10.053	0.0039	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.40	9.333	0.0036	-2.5 to 2.5	Pass
					3.60	8.683	0.0033	-2.5 to 2.5	Pass
					4.20	10.220	0.0039	-2.5 to 2.5	Pass
				-30	3.60	9.293	0.0036	-2.5 to 2.5	Pass
				-20	3.60	8.276	0.0032	-2.5 to 2.5	Pass
				-10	3.60	7.795	0.0030	-2.5 to 2.5	Pass
				0	3.60	8.974	0.0034	-2.5 to 2.5	Pass
				10	3.60	8.003	0.0031	-2.5 to 2.5	Pass
				30	3.60	10.048	0.0038	-2.5 to 2.5	Pass
				40	3.60	8.539	0.0033	-2.5 to 2.5	Pass
				50	3.60	7.469	0.0029	-2.5 to 2.5	Pass
64QAM	2577.5	75	0	20	3.40	1.900	0.0007	-2.5 to 2.5	Pass
					3.60	5.100	0.0020	-2.5 to 2.5	Pass
					4.20	6.500	0.0025	-2.5 to 2.5	Pass
				-30	3.60	-1.500	-0.0006	-2.5 to 2.5	Pass
				-20	3.60	1.800	0.0007	-2.5 to 2.5	Pass
				-10	3.60	4.300	0.0017	-2.5 to 2.5	Pass
				0	3.60	4.100	0.0016	-2.5 to 2.5	Pass
				10	3.60	1.500	0.0006	-2.5 to 2.5	Pass
				30	3.60	4.800	0.0019	-2.5 to 2.5	Pass
				40	3.60	0.500	0.0002	-2.5 to 2.5	Pass
				50	3.60	5.700	0.0022	-2.5 to 2.5	Pass
	2595	75	0	20	3.40	2.600	0.0010	-2.5 to 2.5	Pass
					3.60	1.900	0.0007	-2.5 to 2.5	Pass
					4.20	5.400	0.0021	-2.5 to 2.5	Pass
				-30	3.60	5.800	0.0022	-2.5 to 2.5	Pass
				-20	3.60	3.400	0.0013	-2.5 to 2.5	Pass
				-10	3.60	3.700	0.0014	-2.5 to 2.5	Pass
				0	3.60	5.600	0.0022	-2.5 to 2.5	Pass
				10	3.60	5.600	0.0022	-2.5 to 2.5	Pass
				30	3.60	5.600	0.0022	-2.5 to 2.5	Pass
				40	3.60	5.700	0.0022	-2.5 to 2.5	Pass
				50	3.60	3.800	0.0015	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.40	6.100	0.0023	-2.5 to 2.5	Pass
					3.60	2.600	0.0010	-2.5 to 2.5	Pass
					4.20	4.100	0.0016	-2.5 to 2.5	Pass
				-30	3.60	2.600	0.0010	-2.5 to 2.5	Pass
				-20	3.60	4.200	0.0016	-2.5 to 2.5	Pass
				-10	3.60	1.400	0.0005	-2.5 to 2.5	Pass
				0	3.60	5.000	0.0019	-2.5 to 2.5	Pass
				10	3.60	3.400	0.0013	-2.5 to 2.5	Pass
				30	3.60	3.100	0.0012	-2.5 to 2.5	Pass
				40	3.60	5.500	0.0021	-2.5 to 2.5	Pass
				50	3.60	0.800	0.0003	-2.5 to 2.5	Pass

2.1.4 B38_20MHz

Band: 38 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2580	100	0	20	3.40	9.480	0.0037	-2.5 to 2.5	Pass

					3.60	7.726	0.0030	-2.5 to 2.5	Pass
					4.20	7.607	0.0029	-2.5 to 2.5	Pass
				-30	3.60	9.433	0.0037	-2.5 to 2.5	Pass
				-20	3.60	7.349	0.0028	-2.5 to 2.5	Pass
				-10	3.60	8.814	0.0034	-2.5 to 2.5	Pass
				0	3.60	10.486	0.0041	-2.5 to 2.5	Pass
				10	3.60	10.072	0.0039	-2.5 to 2.5	Pass
				30	3.60	8.670	0.0034	-2.5 to 2.5	Pass
				40	3.60	8.645	0.0034	-2.5 to 2.5	Pass
				50	3.60	7.742	0.0030	-2.5 to 2.5	Pass
	2595	100	0	20	3.40	8.931	0.0034	-2.5 to 2.5	Pass
					3.60	10.259	0.0040	-2.5 to 2.5	Pass
					4.20	9.324	0.0036	-2.5 to 2.5	Pass
				-30	3.60	6.307	0.0024	-2.5 to 2.5	Pass
				-20	3.60	6.945	0.0027	-2.5 to 2.5	Pass
				-10	3.60	6.810	0.0026	-2.5 to 2.5	Pass
				0	3.60	7.735	0.0030	-2.5 to 2.5	Pass
				10	3.60	5.850	0.0023	-2.5 to 2.5	Pass
				30	3.60	9.248	0.0036	-2.5 to 2.5	Pass
				40	3.60	8.847	0.0034	-2.5 to 2.5	Pass
				50	3.60	9.278	0.0036	-2.5 to 2.5	Pass
	2610	100	0	20	3.40	6.762	0.0026	-2.5 to 2.5	Pass
					3.60	8.238	0.0032	-2.5 to 2.5	Pass
					4.20	9.711	0.0037	-2.5 to 2.5	Pass
				-30	3.60	6.628	0.0025	-2.5 to 2.5	Pass
				-20	3.60	8.874	0.0034	-2.5 to 2.5	Pass
				-10	3.60	9.726	0.0037	-2.5 to 2.5	Pass
				0	3.60	7.403	0.0028	-2.5 to 2.5	Pass
				10	3.60	8.020	0.0031	-2.5 to 2.5	Pass
				30	3.60	5.574	0.0021	-2.5 to 2.5	Pass
				40	3.60	8.785	0.0034	-2.5 to 2.5	Pass
				50	3.60	6.589	0.0025	-2.5 to 2.5	Pass
16QAM	2580	100	0	20	3.40	7.965	0.0031	-2.5 to 2.5	Pass
					3.60	7.828	0.0030	-2.5 to 2.5	Pass
					4.20	9.045	0.0035	-2.5 to 2.5	Pass
				-30	3.60	8.522	0.0033	-2.5 to 2.5	Pass
				-20	3.60	7.251	0.0028	-2.5 to 2.5	Pass
				-10	3.60	9.016	0.0035	-2.5 to 2.5	Pass
				0	3.60	9.494	0.0037	-2.5 to 2.5	Pass
				10	3.60	9.291	0.0036	-2.5 to 2.5	Pass
				30	3.60	8.036	0.0031	-2.5 to 2.5	Pass
				40	3.60	7.548	0.0029	-2.5 to 2.5	Pass
				50	3.60	11.358	0.0044	-2.5 to 2.5	Pass
	2595	100	0	20	3.40	7.506	0.0029	-2.5 to 2.5	Pass
					3.60	9.653	0.0037	-2.5 to 2.5	Pass
					4.20	7.244	0.0028	-2.5 to 2.5	Pass
				-30	3.60	9.625	0.0037	-2.5 to 2.5	Pass
				-20	3.60	6.791	0.0026	-2.5 to 2.5	Pass
				-10	3.60	8.450	0.0033	-2.5 to 2.5	Pass
				0	3.60	7.479	0.0029	-2.5 to 2.5	Pass
				10	3.60	10.212	0.0039	-2.5 to 2.5	Pass
				30	3.60	6.663	0.0026	-2.5 to 2.5	Pass
				40	3.60	10.871	0.0042	-2.5 to 2.5	Pass
				50	3.60	8.271	0.0032	-2.5 to 2.5	Pass
	2610	100	0	20	3.40	6.408	0.0025	-2.5 to 2.5	Pass
					3.60	5.580	0.0021	-2.5 to 2.5	Pass
					4.20	8.501	0.0033	-2.5 to 2.5	Pass

64QAM	2580	100	0	-30	3.60	10.729	0.0041	-2.5 to 2.5	Pass
				-20	3.60	9.770	0.0037	-2.5 to 2.5	Pass
				-10	3.60	9.591	0.0037	-2.5 to 2.5	Pass
				0	3.60	9.796	0.0038	-2.5 to 2.5	Pass
				10	3.60	8.215	0.0031	-2.5 to 2.5	Pass
				30	3.60	7.248	0.0028	-2.5 to 2.5	Pass
				40	3.60	10.427	0.0040	-2.5 to 2.5	Pass
				50	3.60	7.859	0.0030	-2.5 to 2.5	Pass
	2595	100	0	20	3.40	0.100	0.0000	-2.5 to 2.5	Pass
					3.60	3.000	0.0012	-2.5 to 2.5	Pass
					4.20	3.900	0.0015	-2.5 to 2.5	Pass
				-30	3.60	3.600	0.0014	-2.5 to 2.5	Pass
				-20	3.60	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.60	3.500	0.0014	-2.5 to 2.5	Pass
				0	3.60	3.400	0.0013	-2.5 to 2.5	Pass
				10	3.60	2.100	0.0008	-2.5 to 2.5	Pass
				30	3.60	1.200	0.0005	-2.5 to 2.5	Pass
				40	3.60	1.900	0.0007	-2.5 to 2.5	Pass
				50	3.60	4.400	0.0017	-2.5 to 2.5	Pass
				20	3.40	4.800	0.0018	-2.5 to 2.5	Pass
					3.60	5.600	0.0022	-2.5 to 2.5	Pass
					4.20	3.500	0.0013	-2.5 to 2.5	Pass
				-30	3.60	5.600	0.0022	-2.5 to 2.5	Pass
				-20	3.60	2.100	0.0008	-2.5 to 2.5	Pass
				-10	3.60	3.200	0.0012	-2.5 to 2.5	Pass
				0	3.60	3.400	0.0013	-2.5 to 2.5	Pass
				10	3.60	2.300	0.0009	-2.5 to 2.5	Pass
				30	3.60	6.000	0.0023	-2.5 to 2.5	Pass
				40	3.60	1.100	0.0004	-2.5 to 2.5	Pass
				50	3.60	6.800	0.0026	-2.5 to 2.5	Pass
	2610	100	0	20	3.40	-0.400	-0.0002	-2.5 to 2.5	Pass
					3.60	5.200	0.0020	-2.5 to 2.5	Pass
					4.20	1.000	0.0004	-2.5 to 2.5	Pass
				-30	3.60	-0.700	-0.0003	-2.5 to 2.5	Pass
				-20	3.60	5.100	0.0020	-2.5 to 2.5	Pass
				-10	3.60	8.500	0.0033	-2.5 to 2.5	Pass
				0	3.60	2.900	0.0011	-2.5 to 2.5	Pass
				10	3.60	2.300	0.0009	-2.5 to 2.5	Pass
				30	3.60	3.400	0.0013	-2.5 to 2.5	Pass
				40	3.60	1.800	0.0007	-2.5 to 2.5	Pass
				50	3.60	3.100	0.0012	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band38_OBW

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	4.547	/	Pass
		2595	25	0	4.552	/	Pass
		2617.5	25	0	4.561	/	Pass

	16QAM	2572.5	25	0	4.574	/	Pass
		2595	25	0	4.562	/	Pass
		2617.5	25	0	4.574	/	Pass
	64QAM	2572.5	25	0	4.537	/	Pass
		2595	25	0	4.550	/	Pass
		2617.5	25	0	4.557	/	Pass
10	QPSK	2575	50	0	9.078	/	Pass
		2595	50	0	9.077	/	Pass
		2615	50	0	9.089	/	Pass
	16QAM	2575	50	0	9.076	/	Pass
		2595	50	0	9.064	/	Pass
		2615	50	0	9.106	/	Pass
	64QAM	2575	50	0	9.079	/	Pass
		2595	50	0	9.074	/	Pass
		2615	50	0	9.096	/	Pass
15	QPSK	2577.5	75	0	13.626	/	Pass
		2595	75	0	13.585	/	Pass
		2612.5	75	0	13.588	/	Pass
	16QAM	2577.5	75	0	13.525	/	Pass
		2595	75	0	13.612	/	Pass
		2612.5	75	0	13.652	/	Pass
	64QAM	2577.5	75	0	13.566	/	Pass
		2595	75	0	13.587	/	Pass
		2612.5	75	0	13.558	/	Pass
20	QPSK	2580	100	0	18.132	/	Pass
		2595	100	0	18.074	/	Pass
		2610	100	0	18.201	/	Pass
	16QAM	2580	100	0	18.117	/	Pass
		2595	100	0	18.168	/	Pass
		2610	100	0	18.109	/	Pass
	64QAM	2580	100	0	18.102	/	Pass
		2595	100	0	18.096	/	Pass
		2610	100	0	18.081	/	Pass

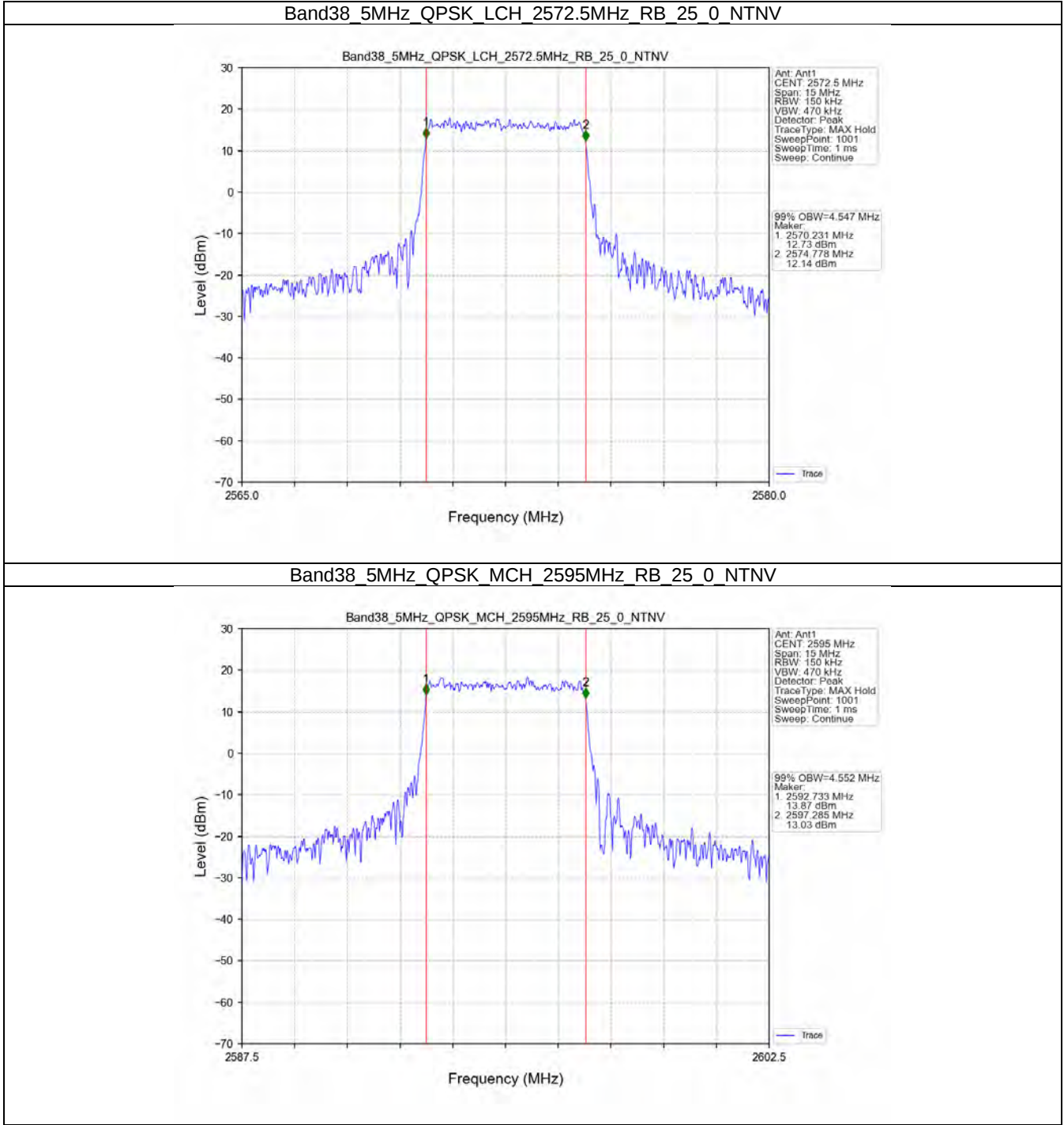
3.1.2 Band38_XDB

Band: 38 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	5.138	/	Pass
		2595	25	0	5.345	/	Pass
		2617.5	25	0	5.042	/	Pass
	16QAM	2572.5	25	0	5.163	/	Pass
		2595	25	0	5.604	/	Pass
		2617.5	25	0	5.505	/	Pass
	64QAM	2572.5	25	0	5.074	/	Pass
		2595	25	0	5.193	/	Pass
		2617.5	25	0	5.121	/	Pass
10	QPSK	2575	50	0	9.930	/	Pass
		2595	50	0	10.668	/	Pass
		2615	50	0	11.208	/	Pass
	16QAM	2575	50	0	10.898	/	Pass
		2595	50	0	10.034	/	Pass
		2615	50	0	11.459	/	Pass
	64QAM	2575	50	0	10.229	/	Pass

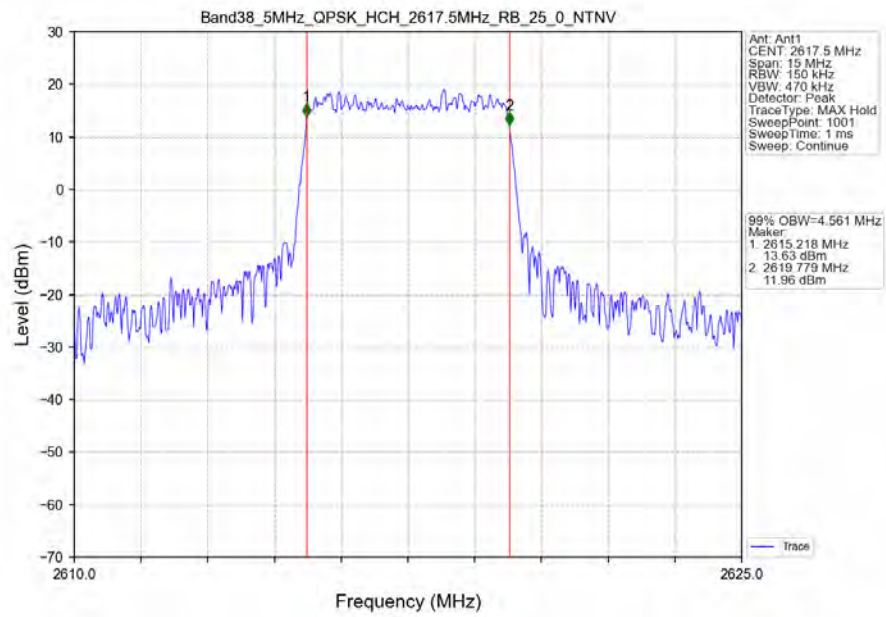
		2595	50	0	11.501	/	Pass
		2615	50	0	11.820	/	Pass
15	QPSK	2577.5	75	0	15.823	/	Pass
		2595	75	0	16.270	/	Pass
		2612.5	75	0	15.839	/	Pass
		2577.5	75	0	15.115	/	Pass
	16QAM	2595	75	0	16.352	/	Pass
		2612.5	75	0	15.834	/	Pass
		2577.5	75	0	15.628	/	Pass
	64QAM	2595	75	0	16.072	/	Pass
		2612.5	75	0	15.243	/	Pass
20	QPSK	2580	100	0	21.811	/	Pass
		2595	100	0	20.993	/	Pass
		2610	100	0	21.242	/	Pass
	16QAM	2580	100	0	21.160	/	Pass
		2595	100	0	22.111	/	Pass
		2610	100	0	20.708	/	Pass
	64QAM	2580	100	0	21.758	/	Pass
		2595	100	0	20.763	/	Pass
		2610	100	0	23.375	/	Pass

3.2 Test Graph

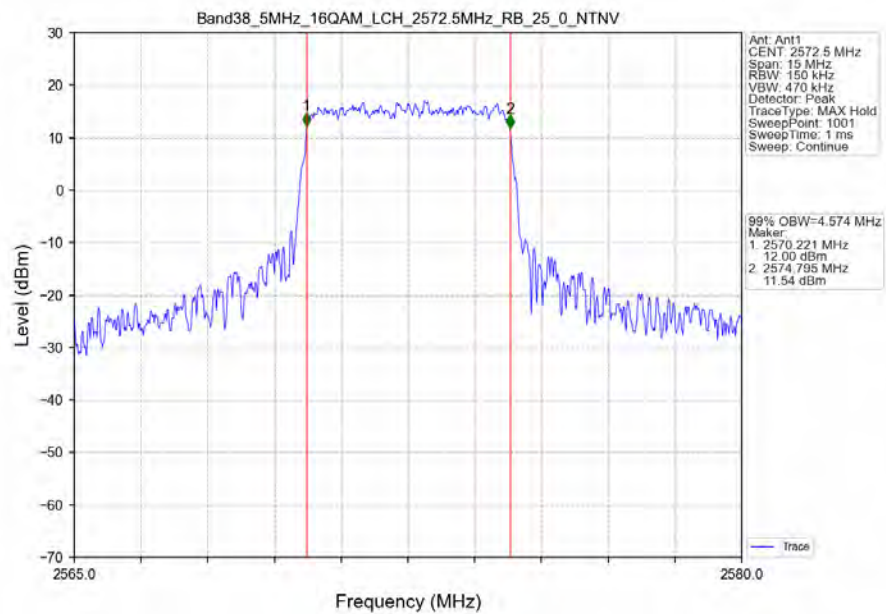
3.2.1 Band38_OBW



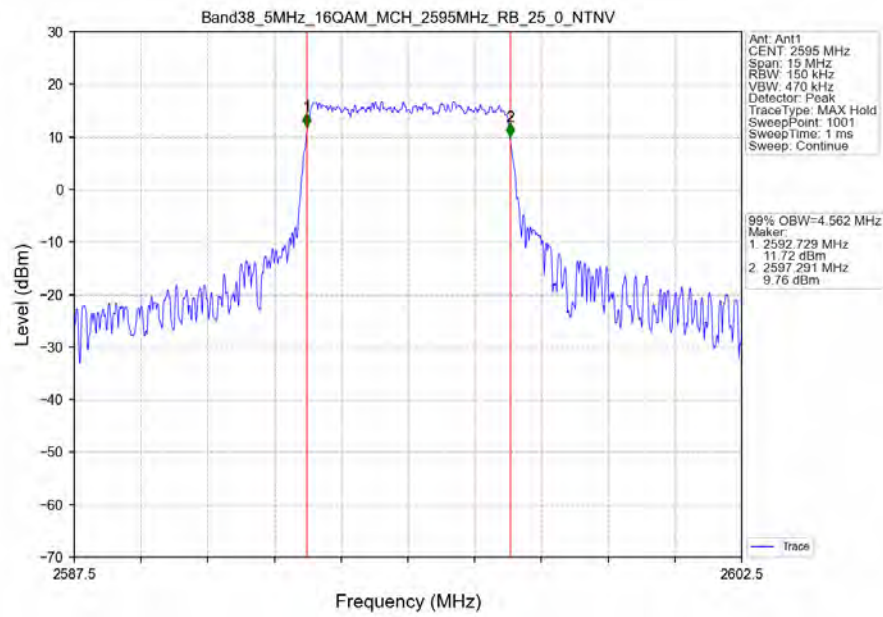
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



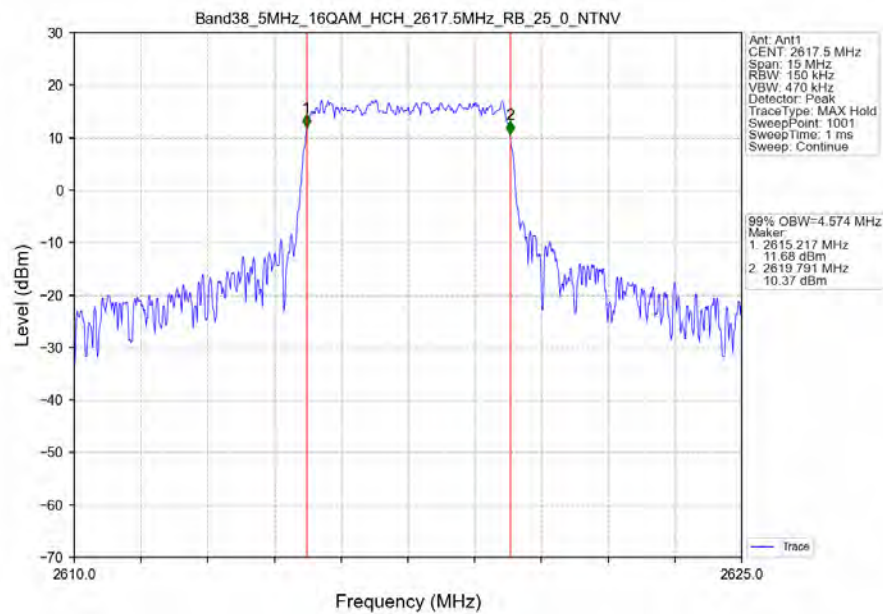
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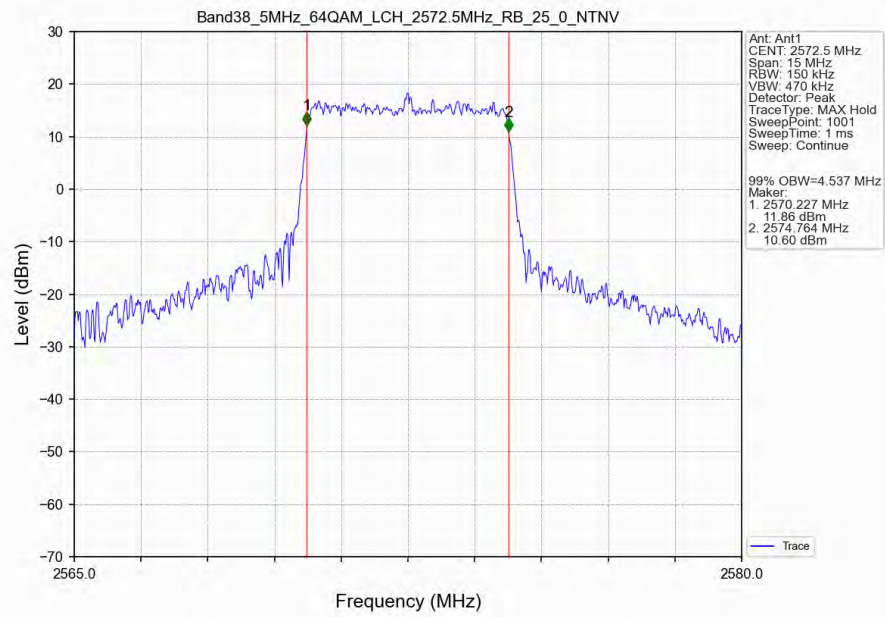
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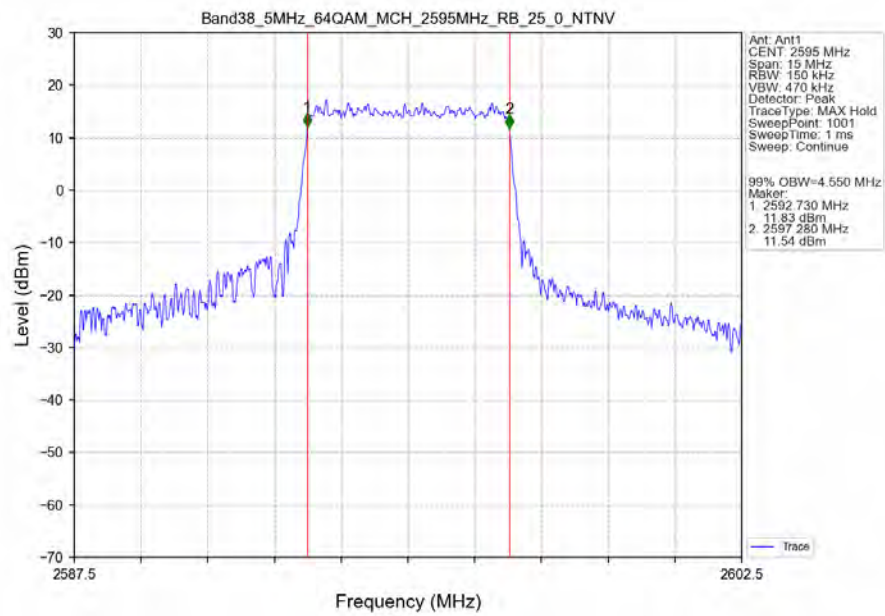
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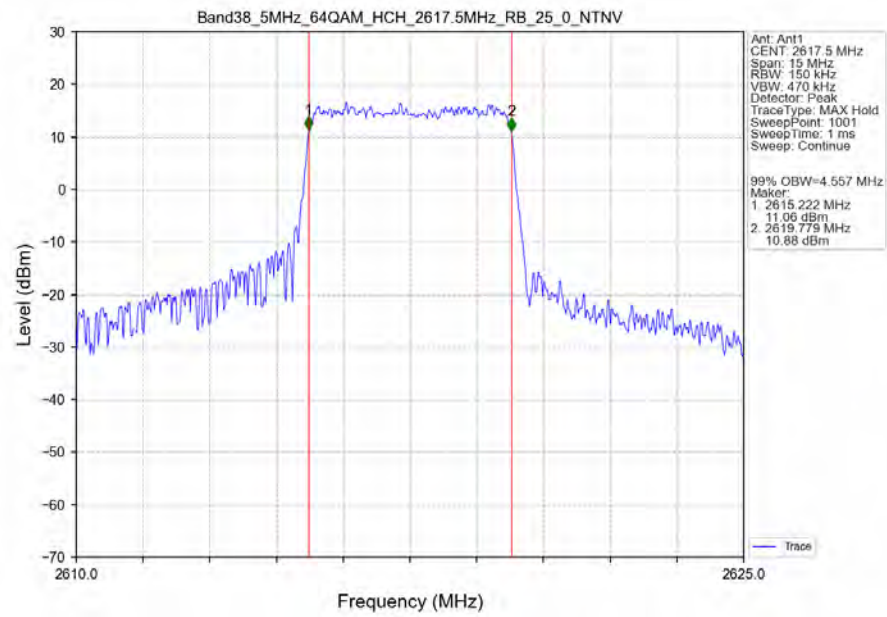
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV



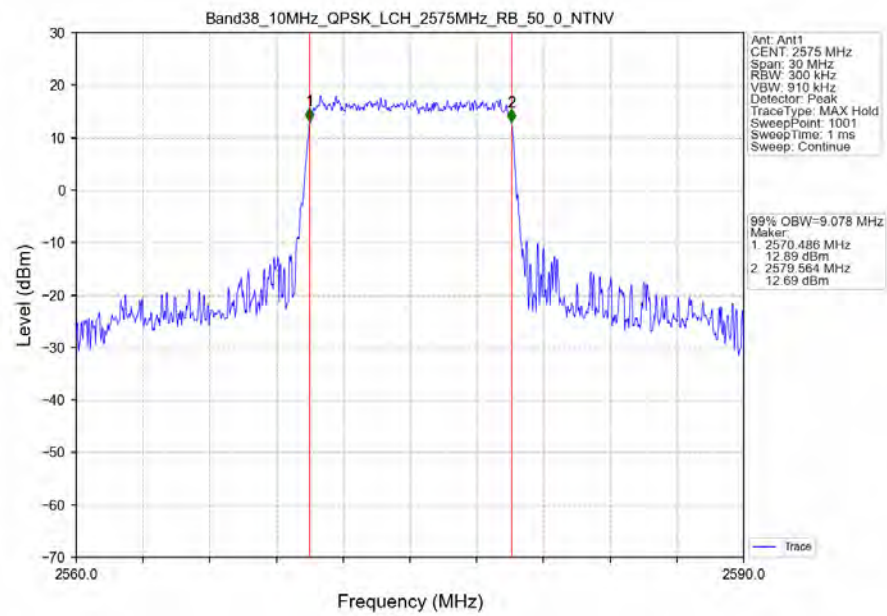
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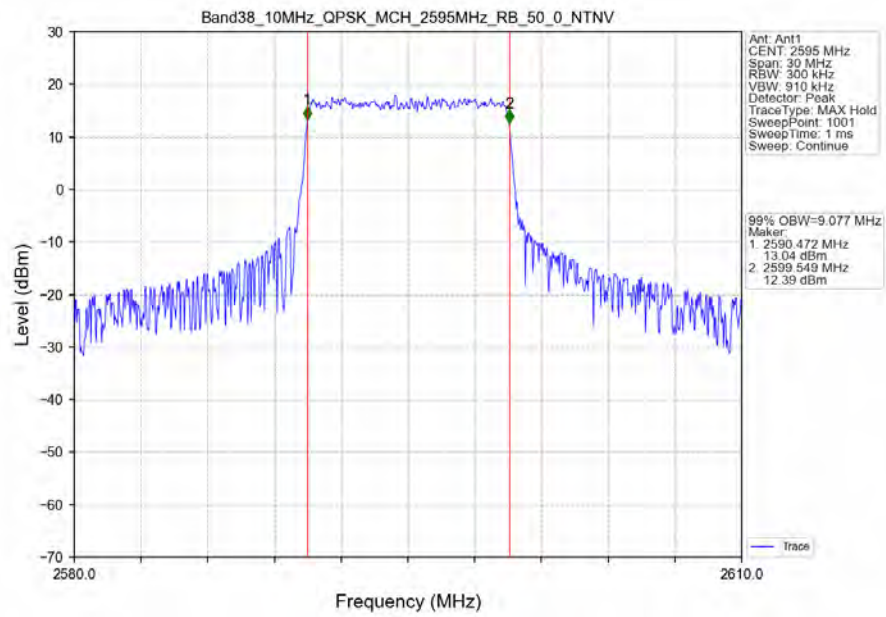
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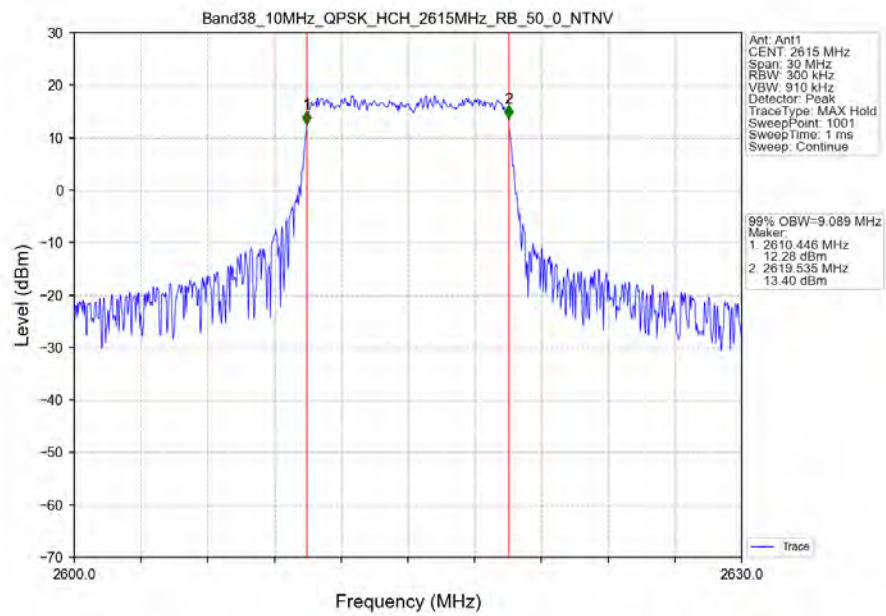
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



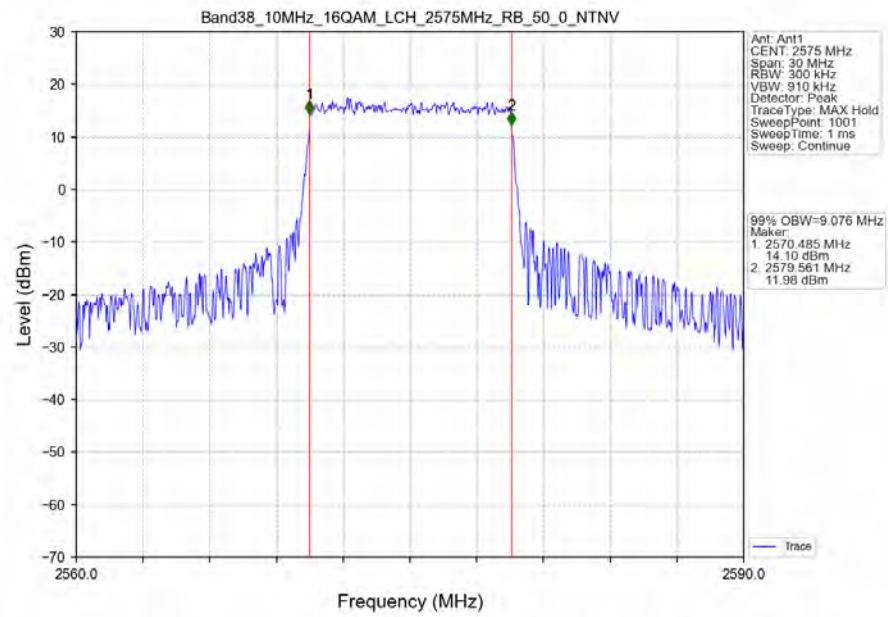
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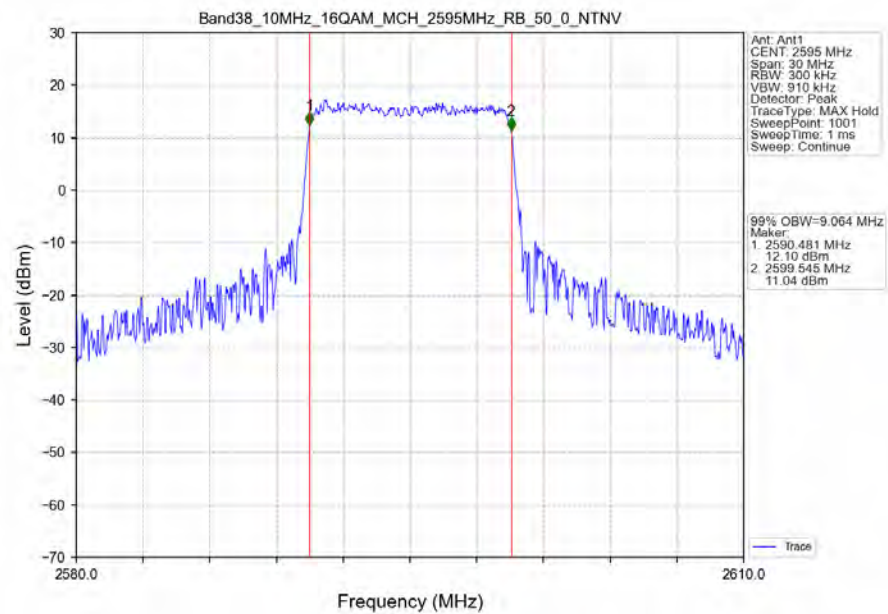
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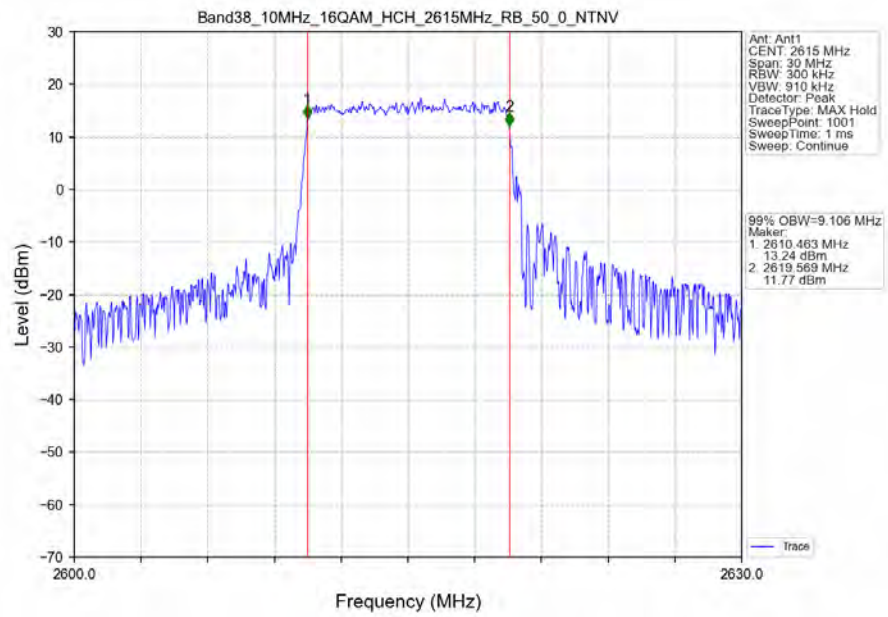
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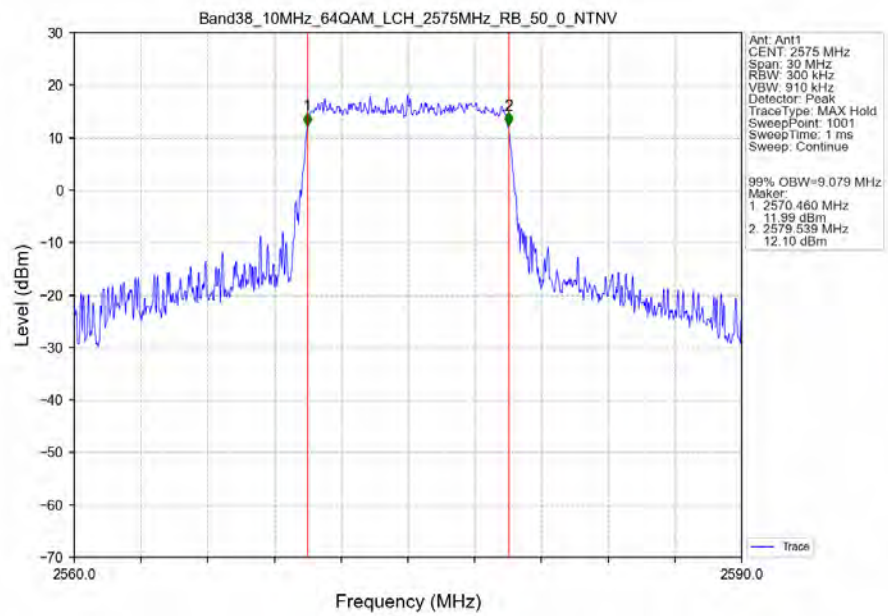
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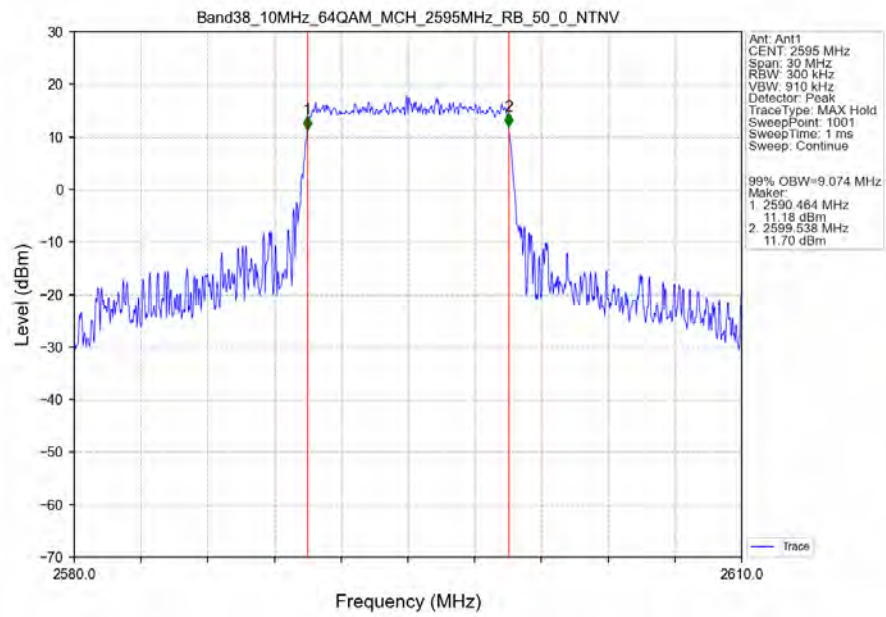
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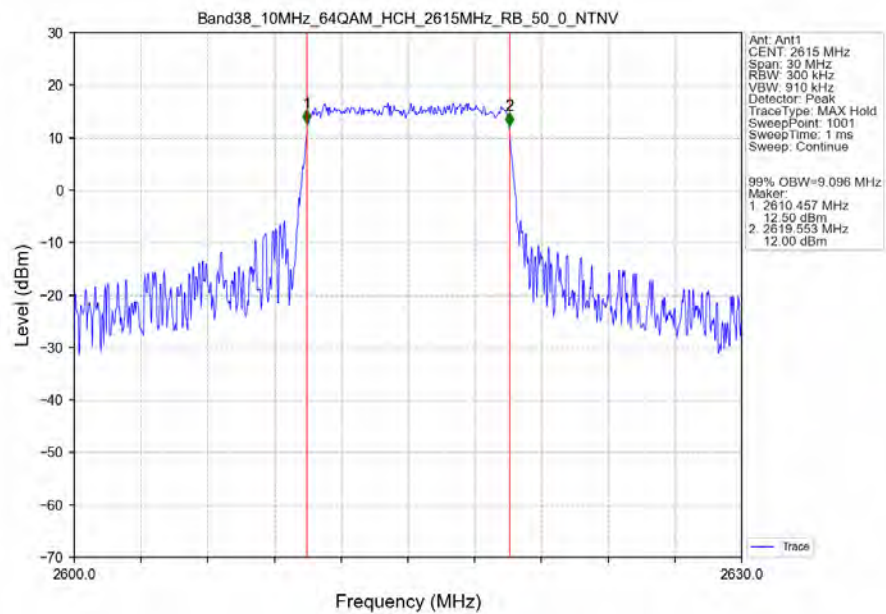
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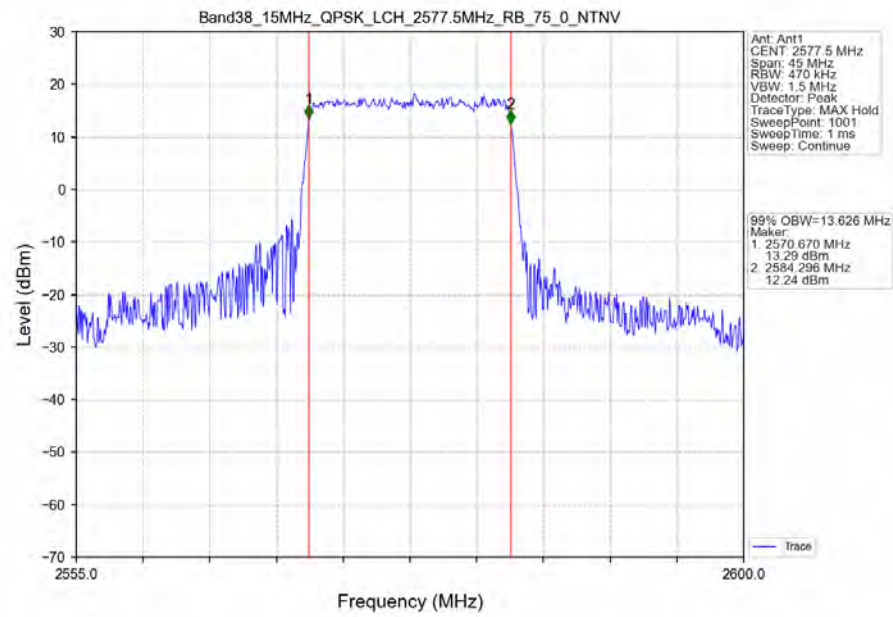
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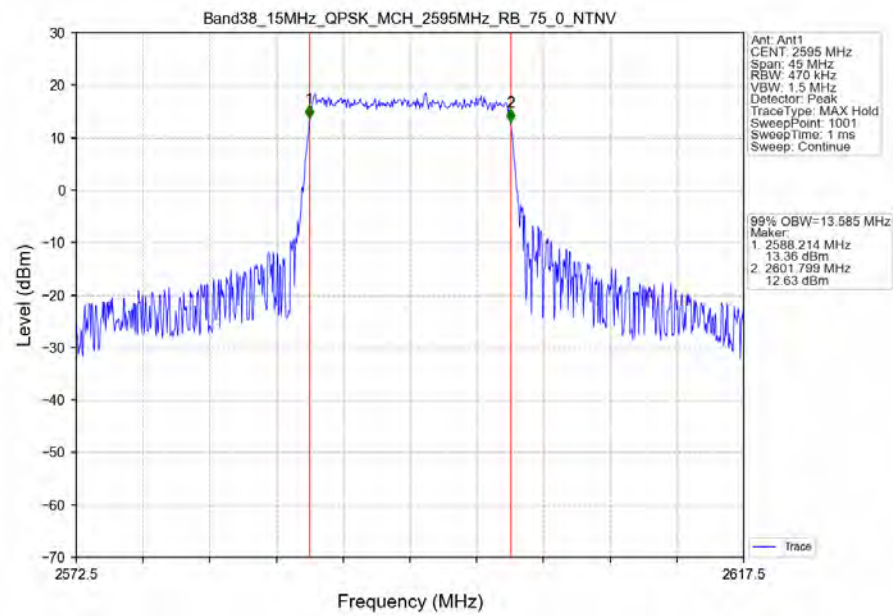
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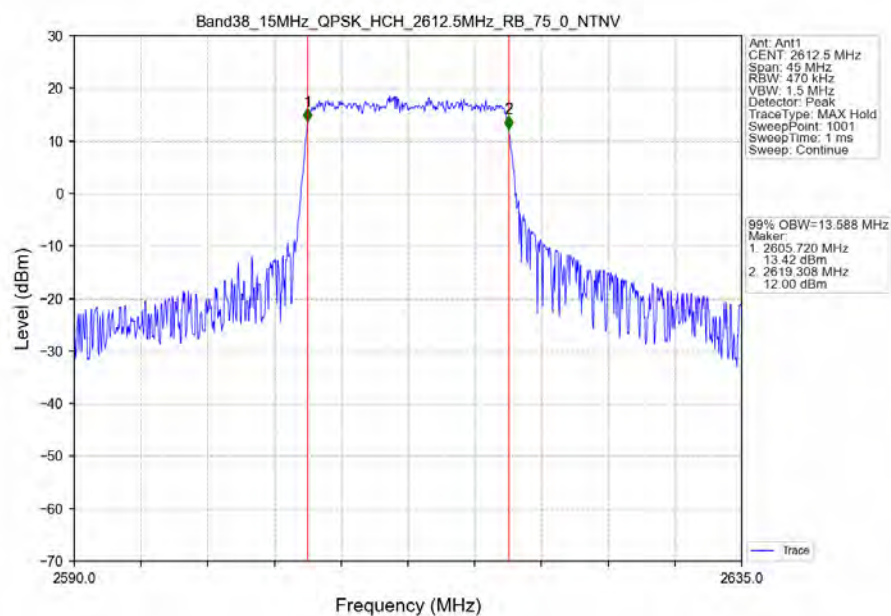
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



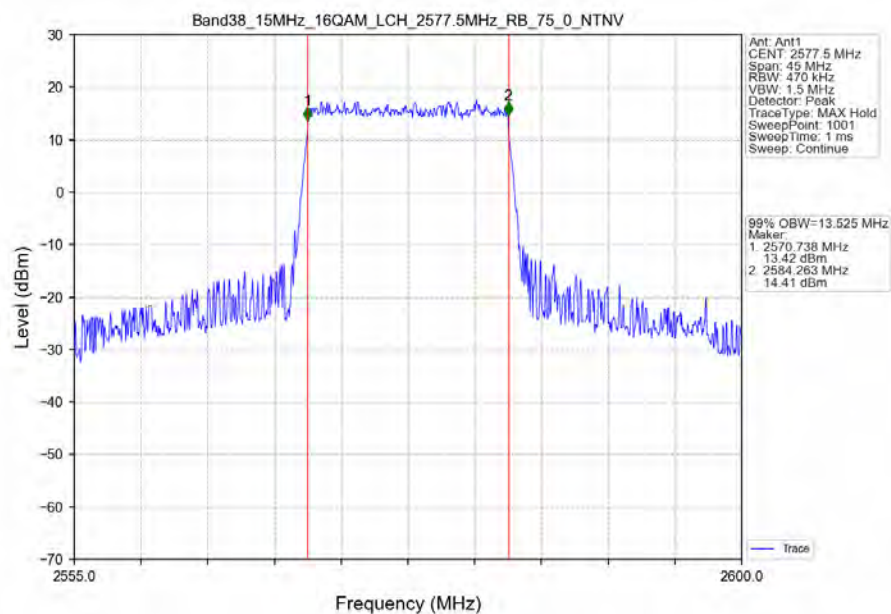
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



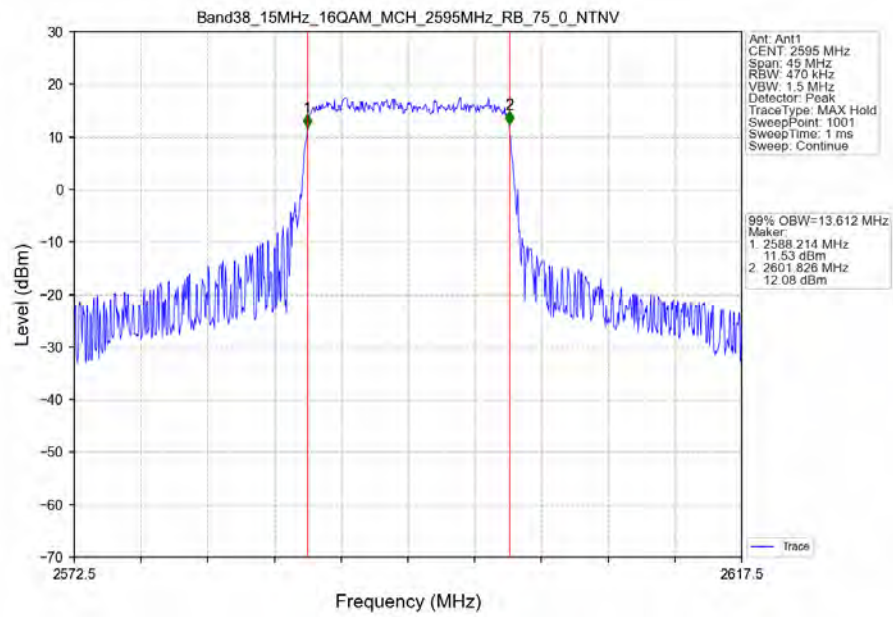
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



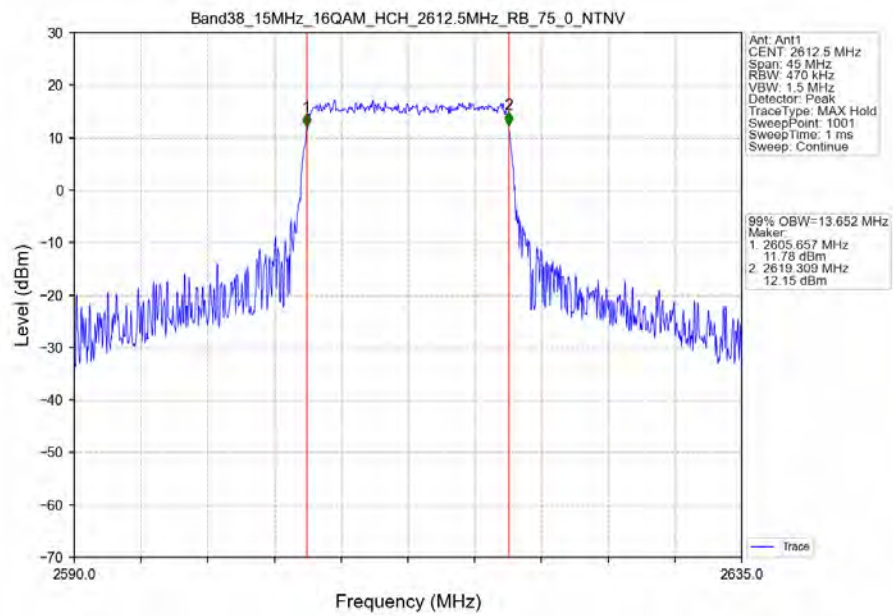
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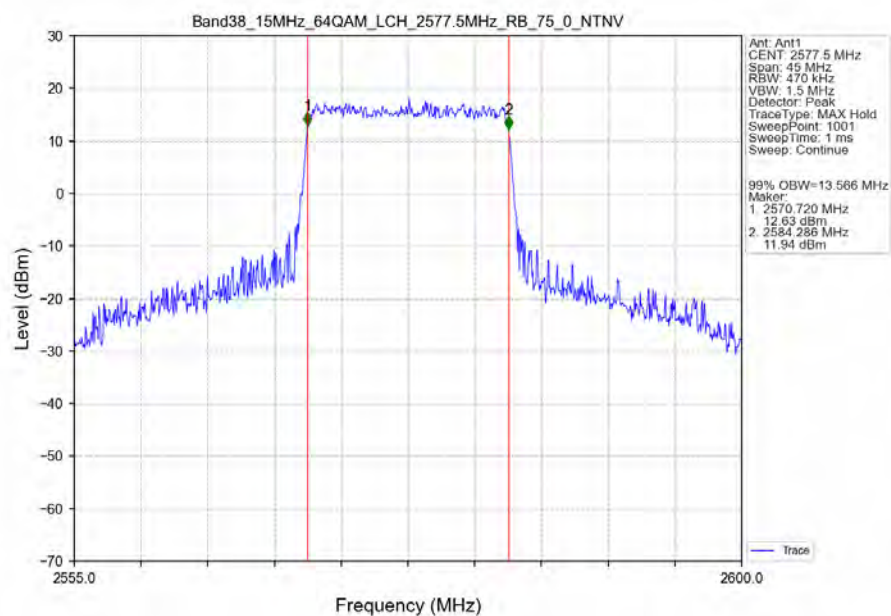
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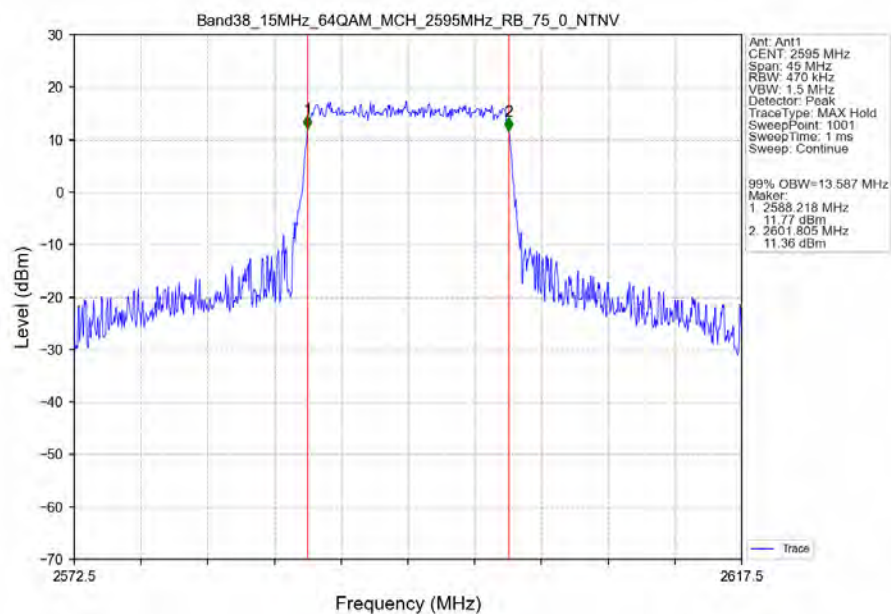
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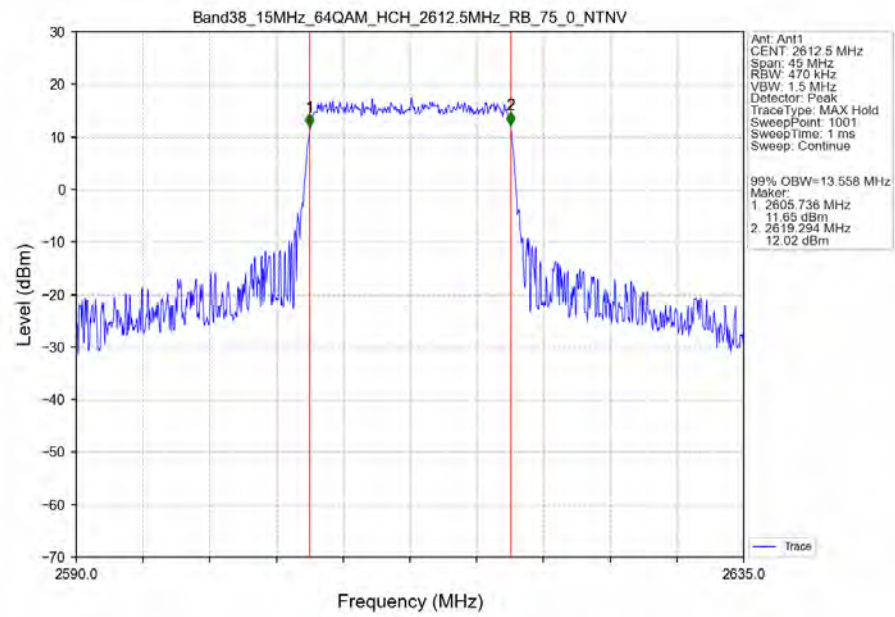
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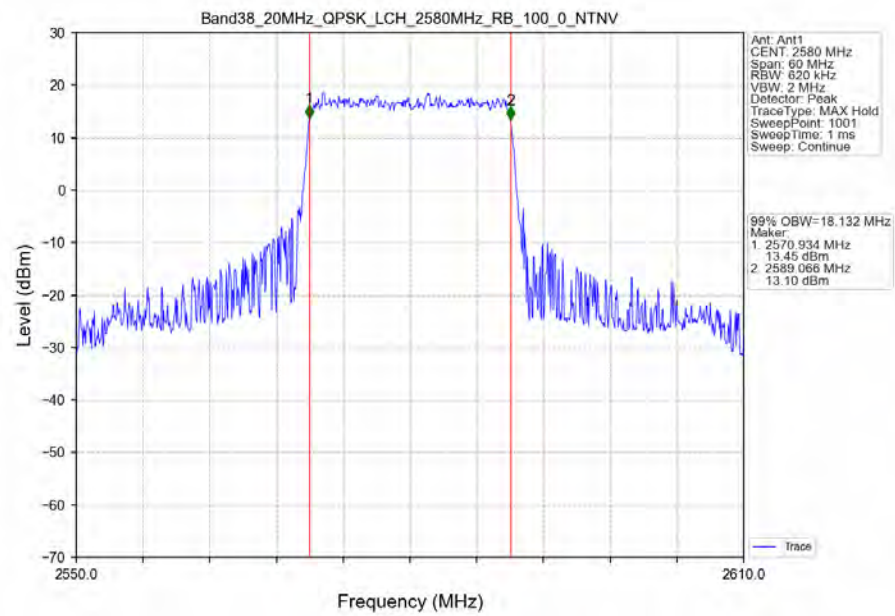
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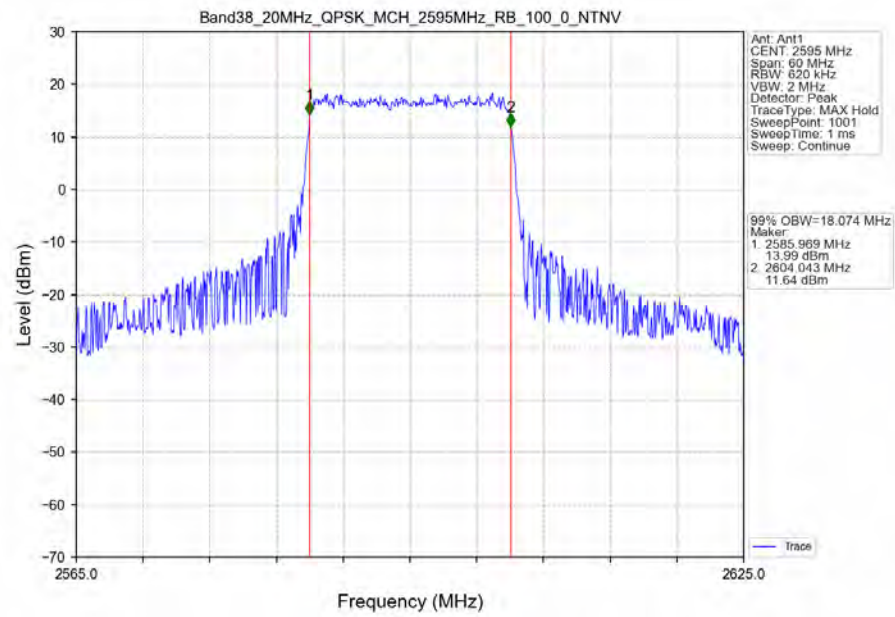
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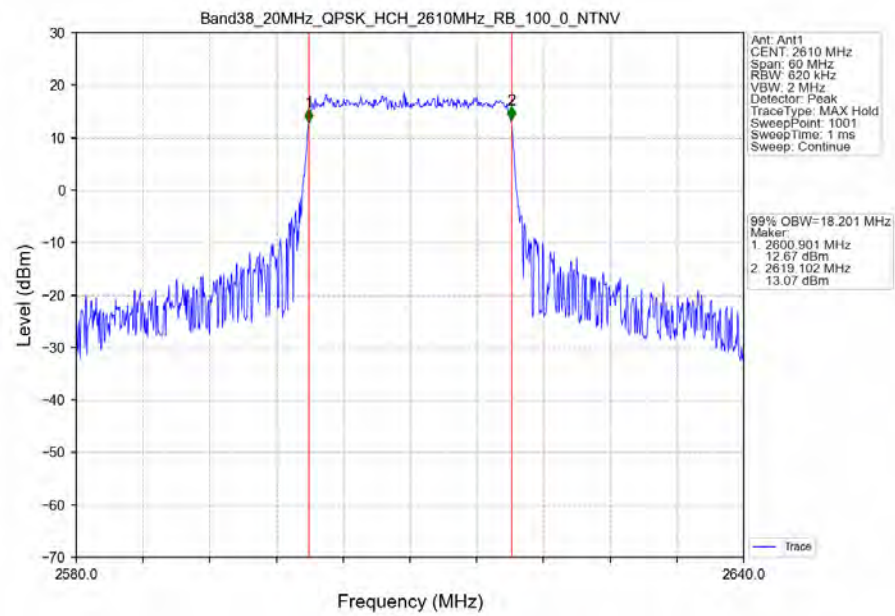
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



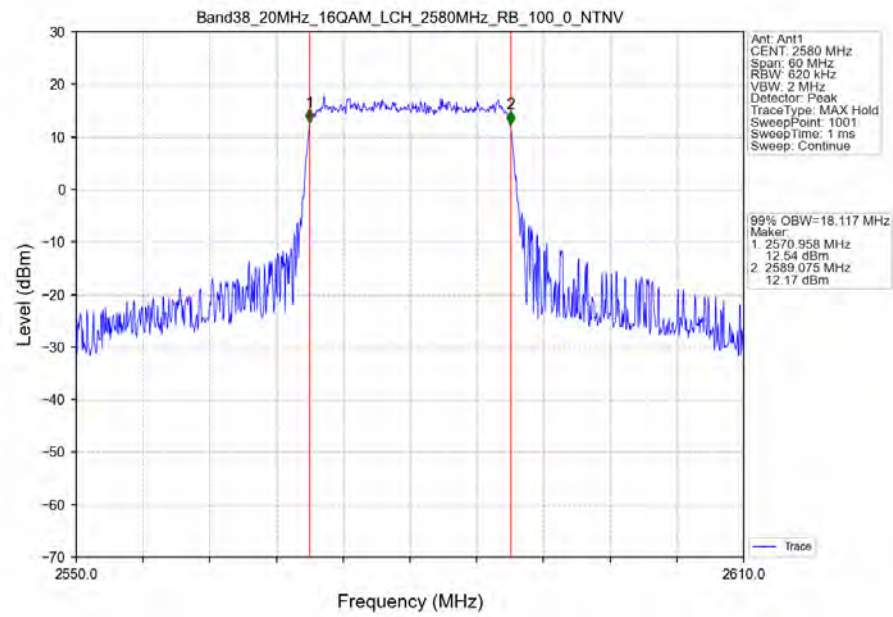
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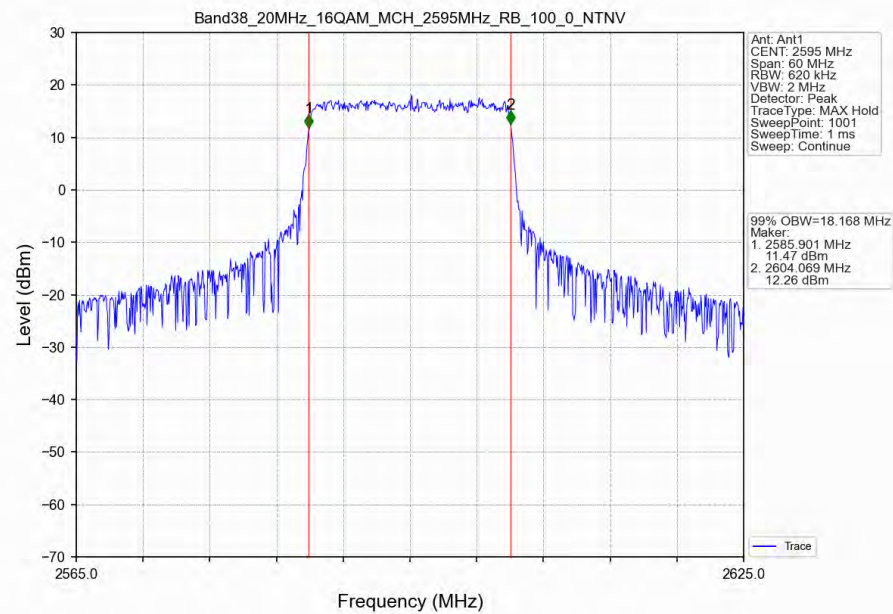
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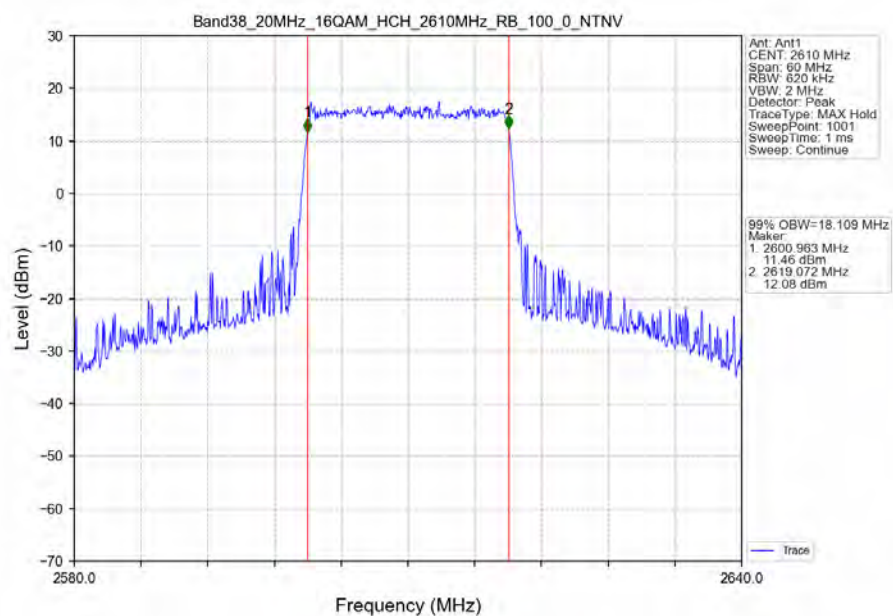
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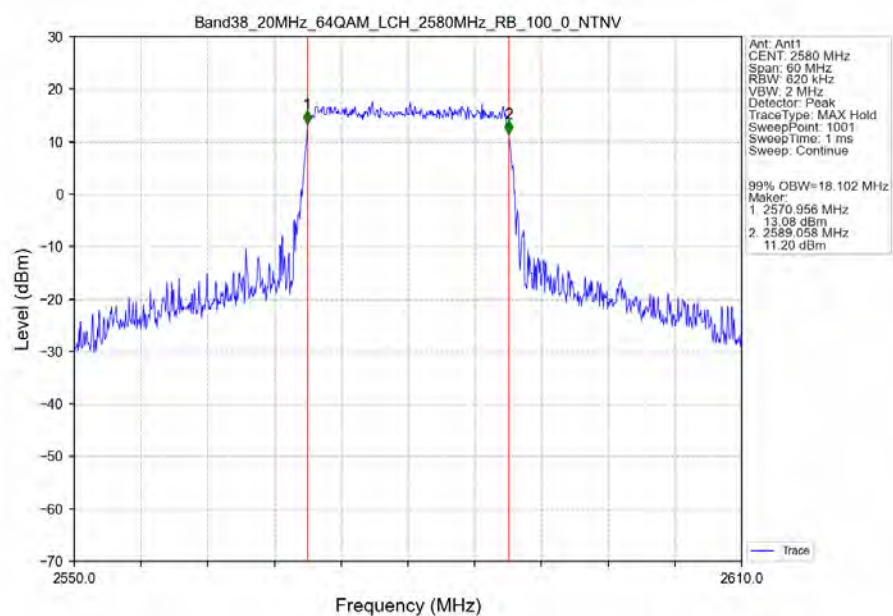
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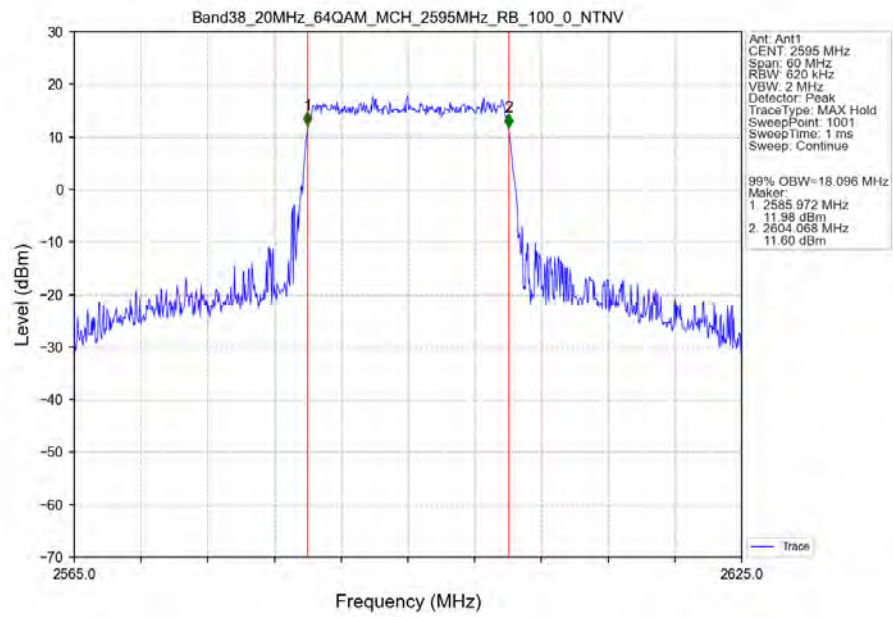
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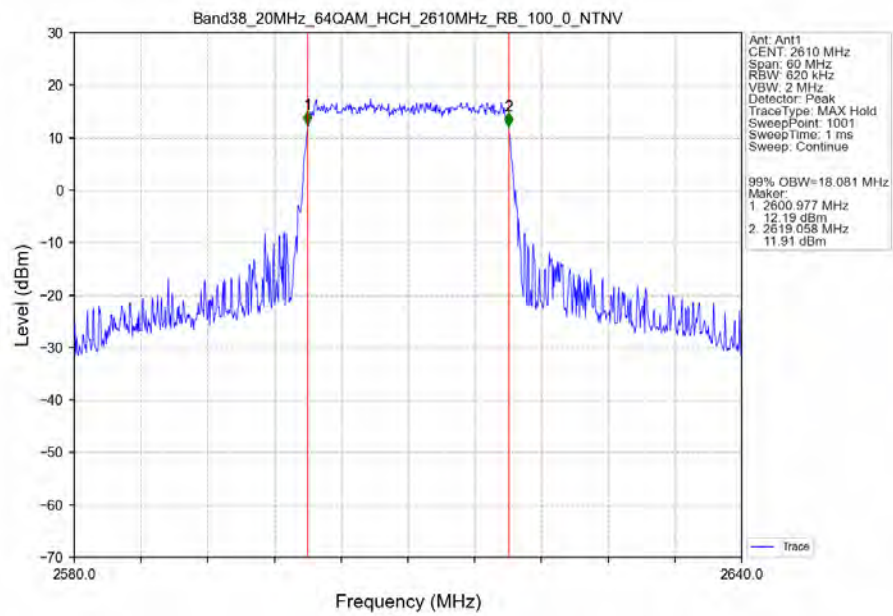
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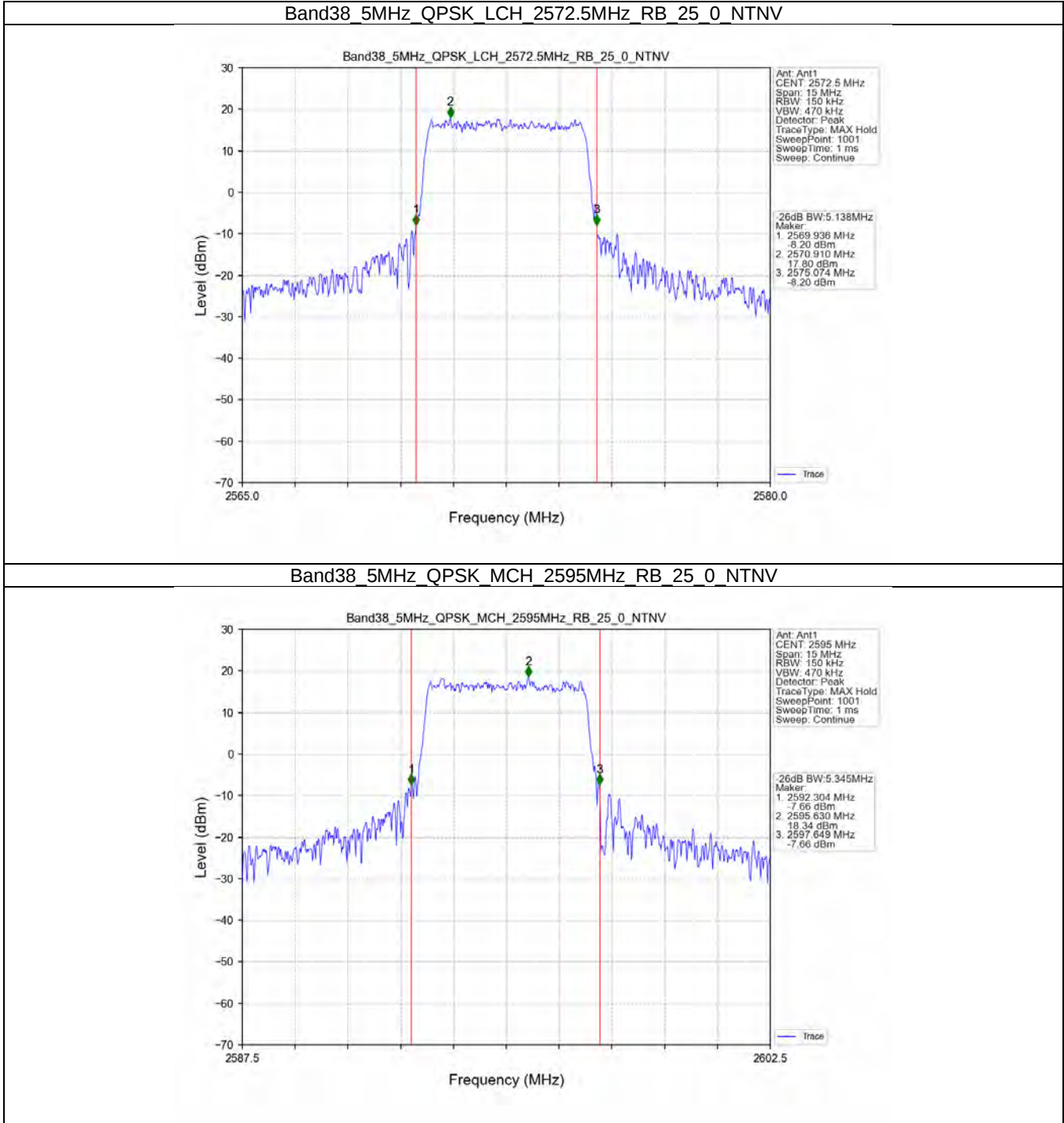
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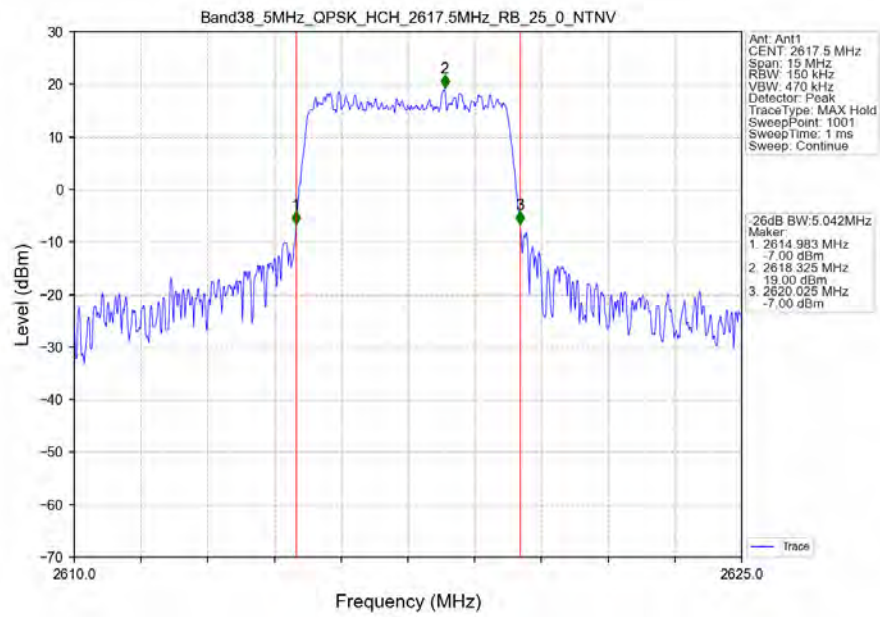
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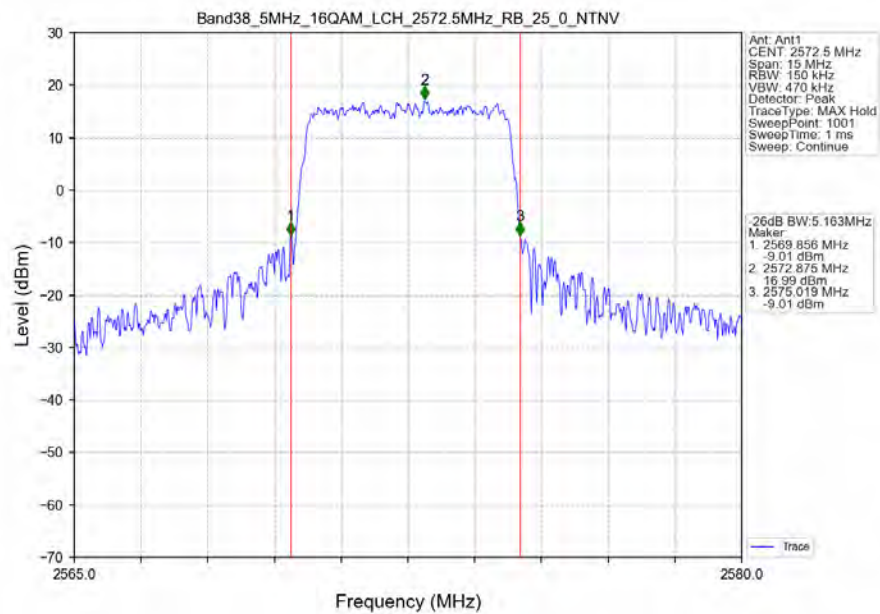
3.2.2 Band38_XDB



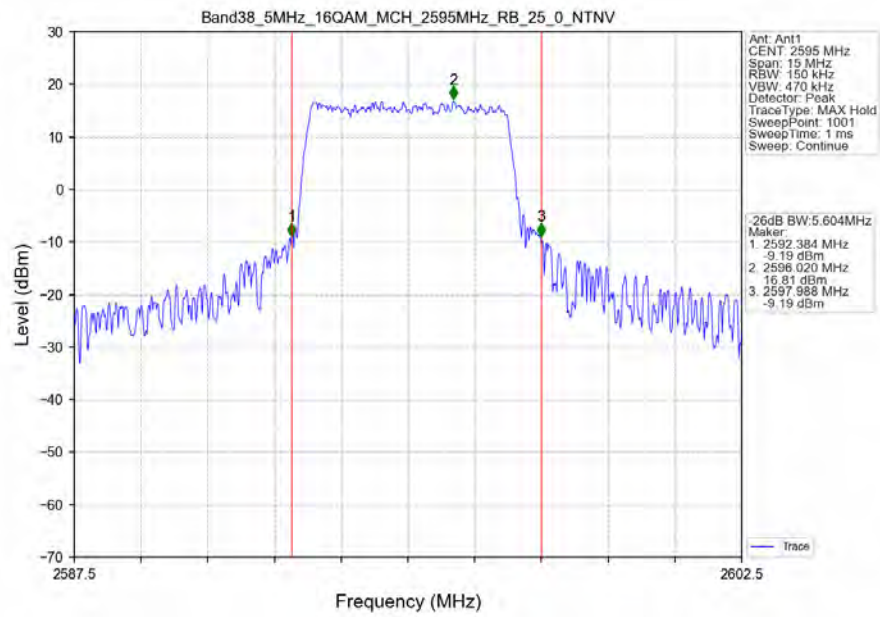
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



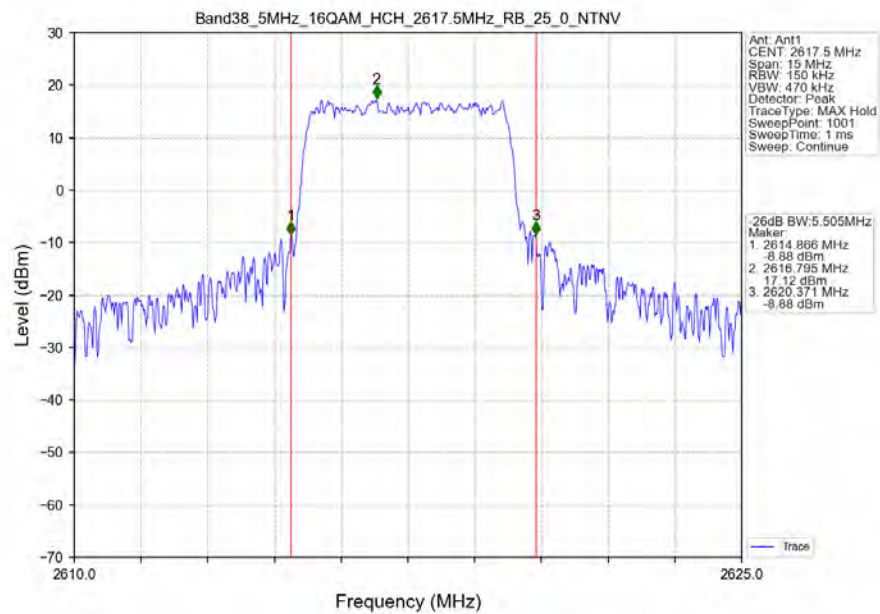
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



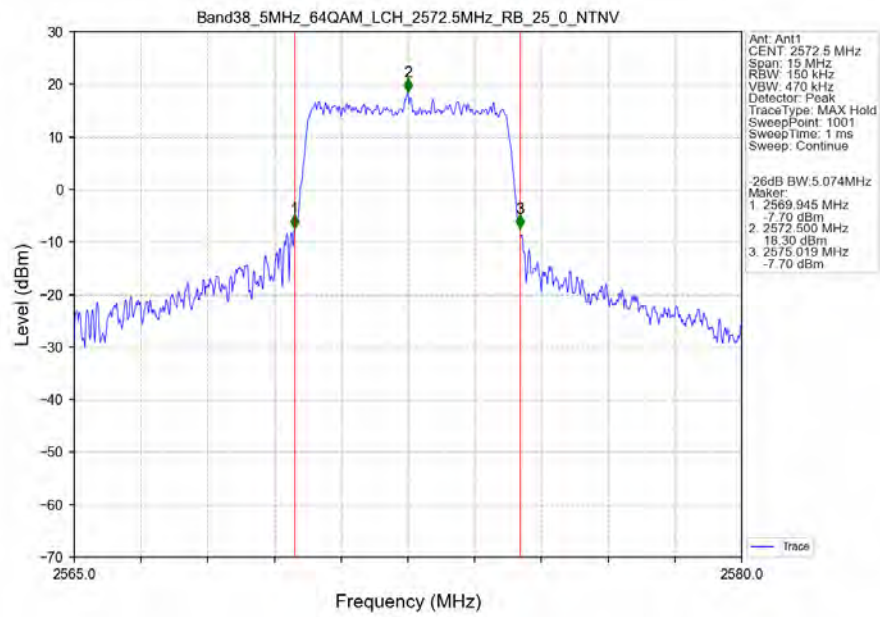
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



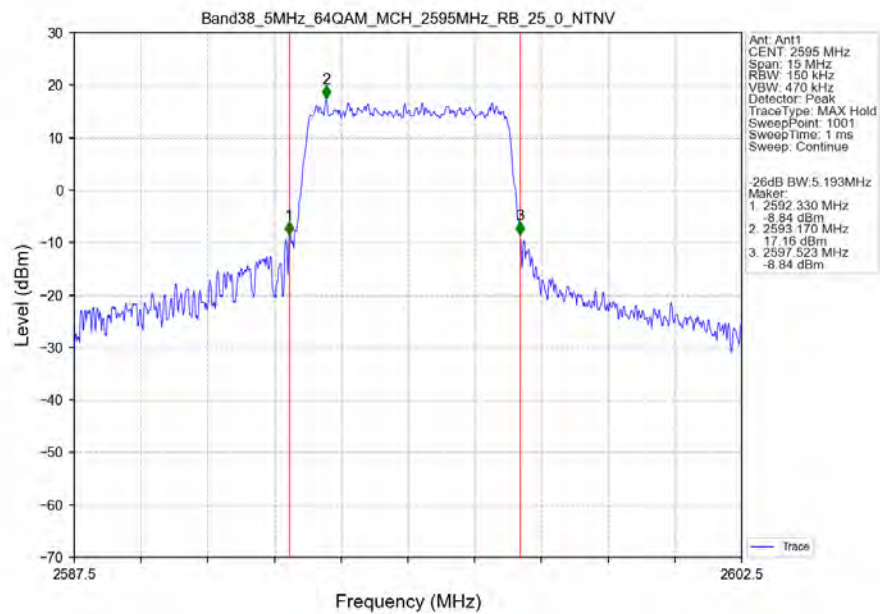
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



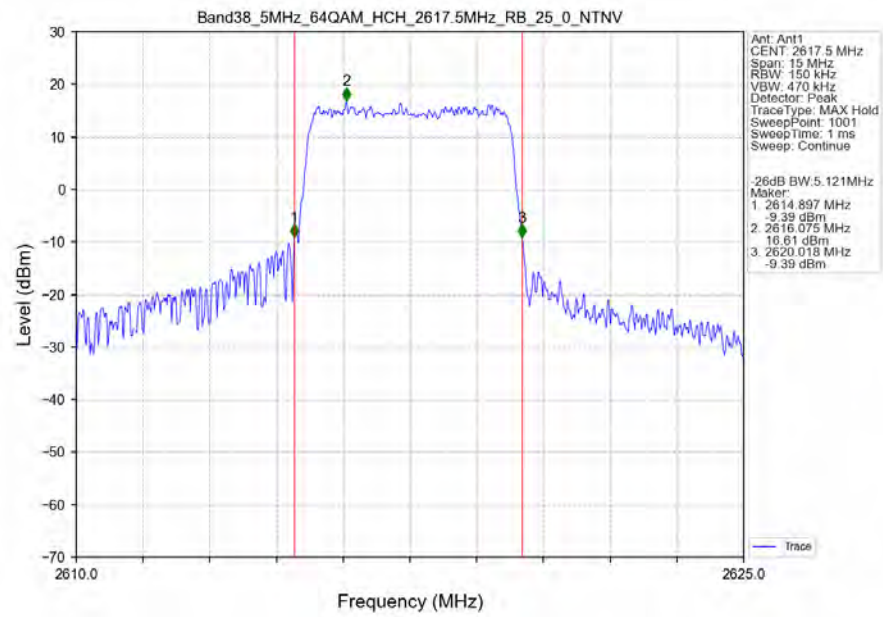
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV



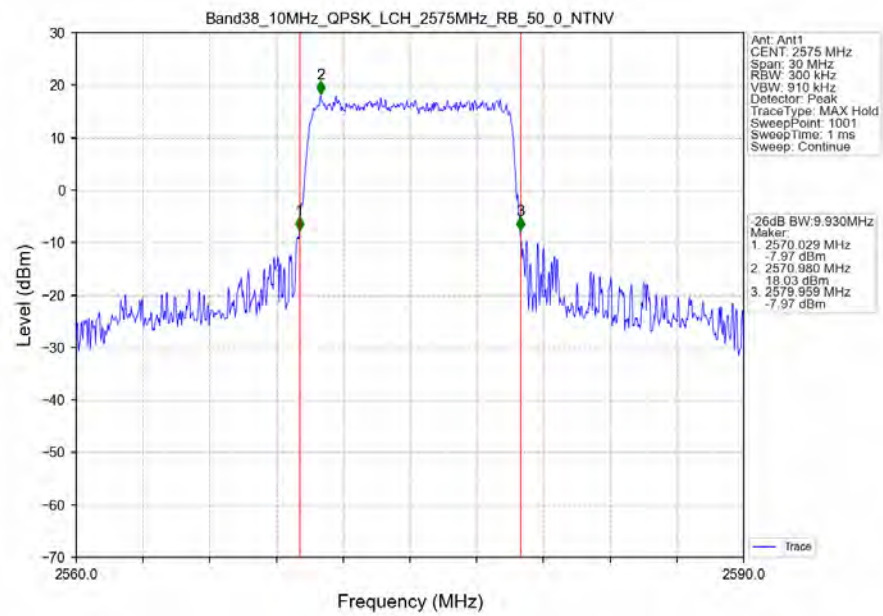
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



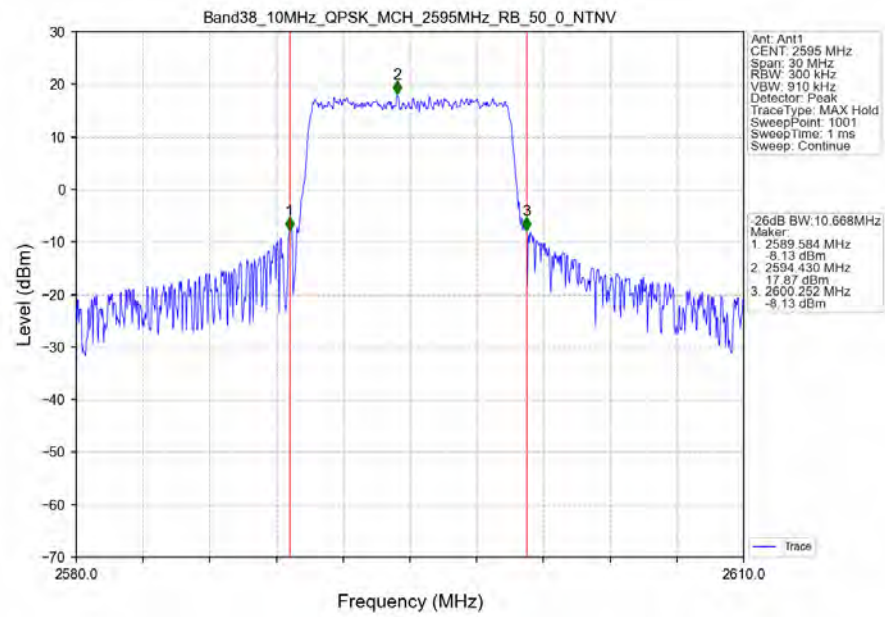
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



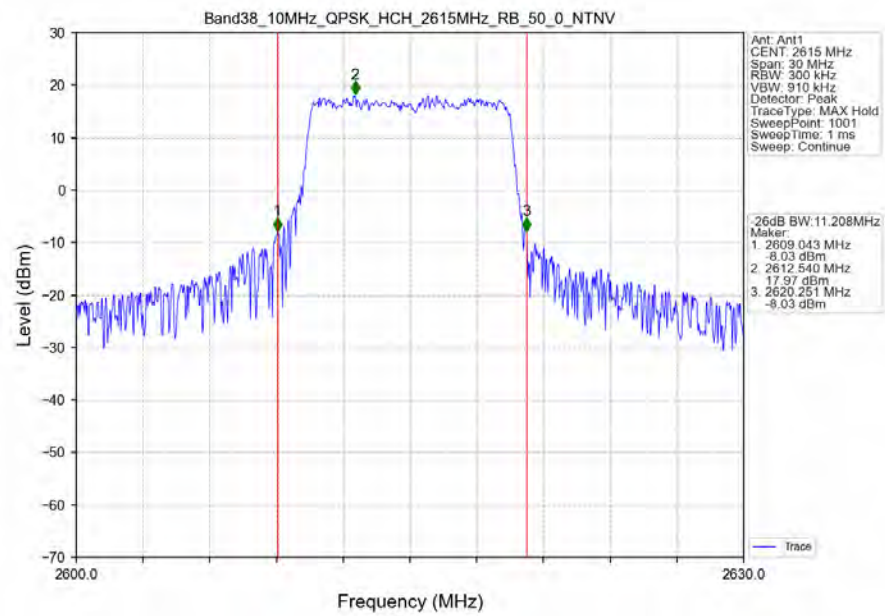
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



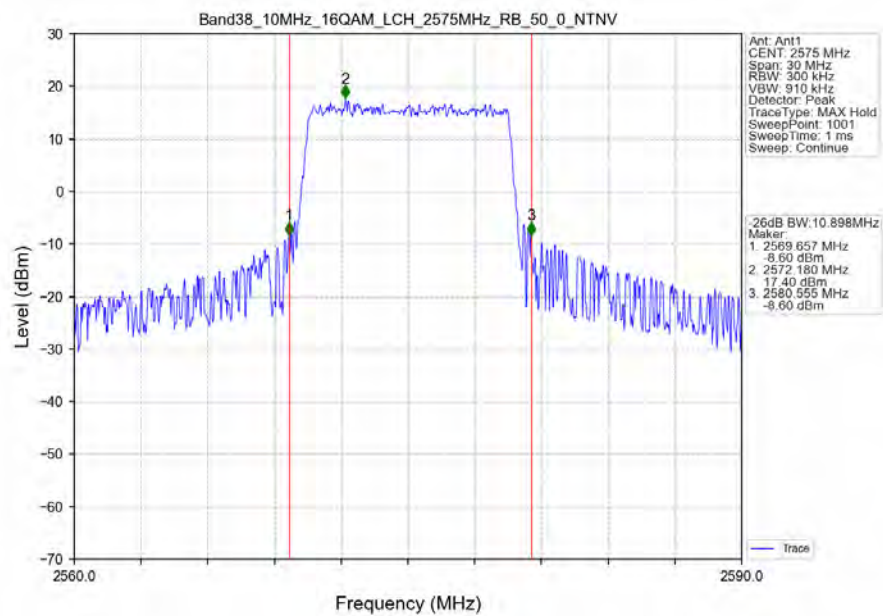
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



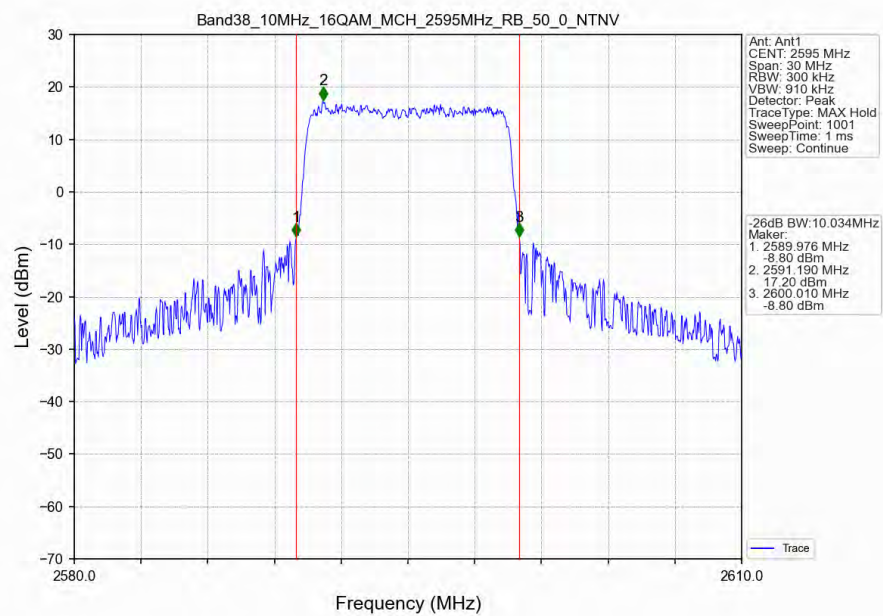
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



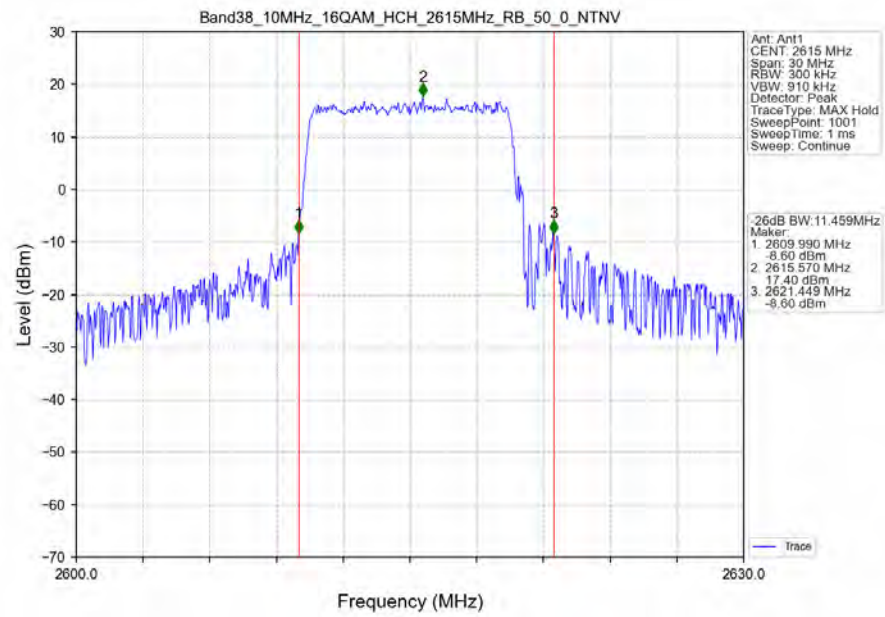
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



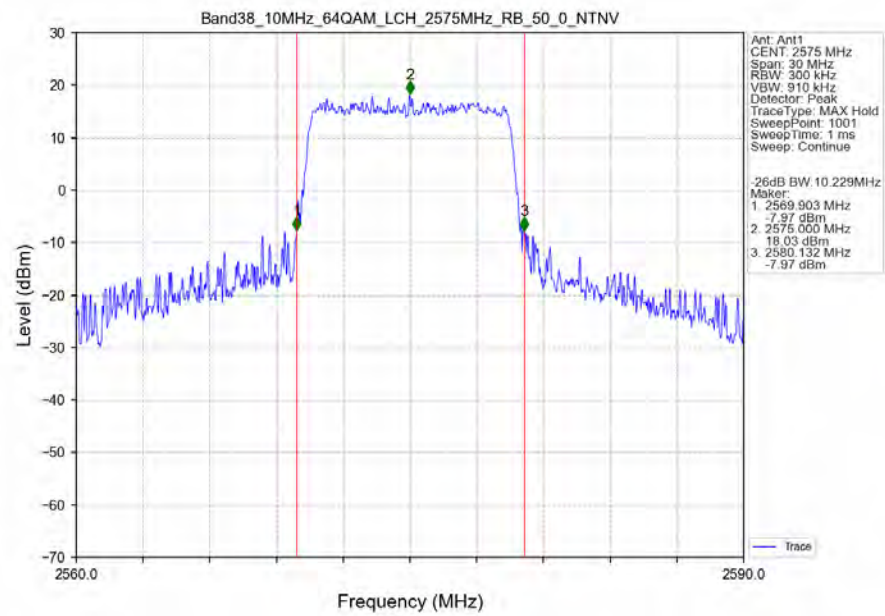
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



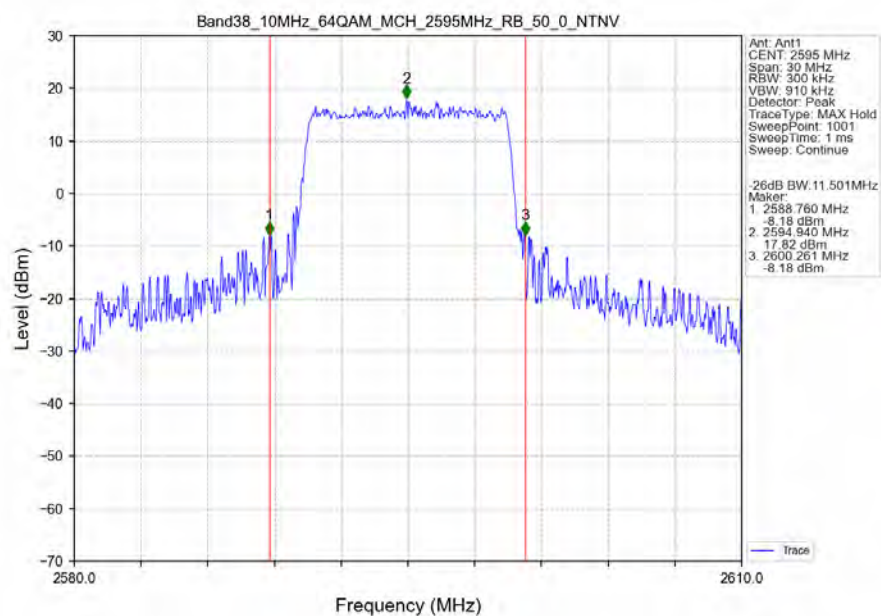
Band38 10MHz 16QAM HCH 2615MHz RB 50 0 NTN



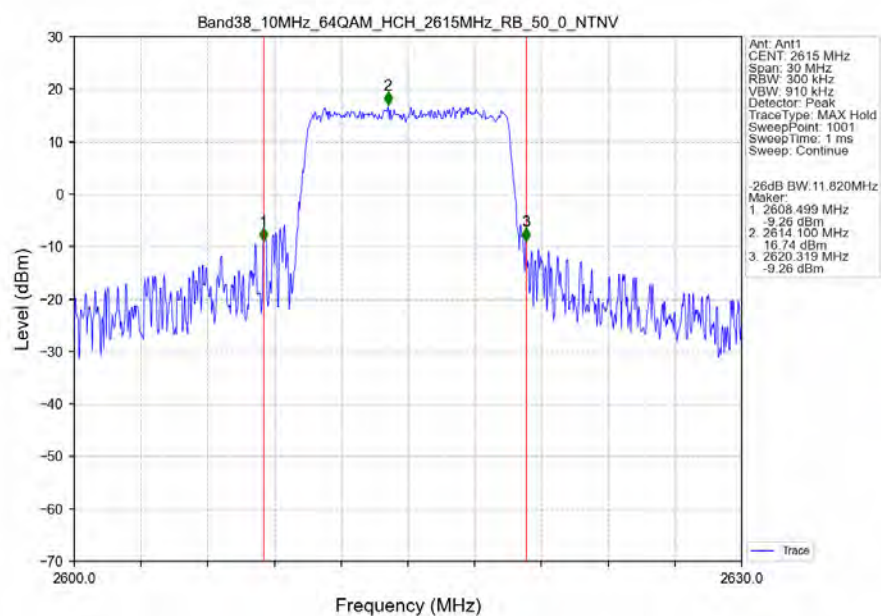
Band38 10MHz 64QAM LCH 2575MHz RB 50 0 NTN



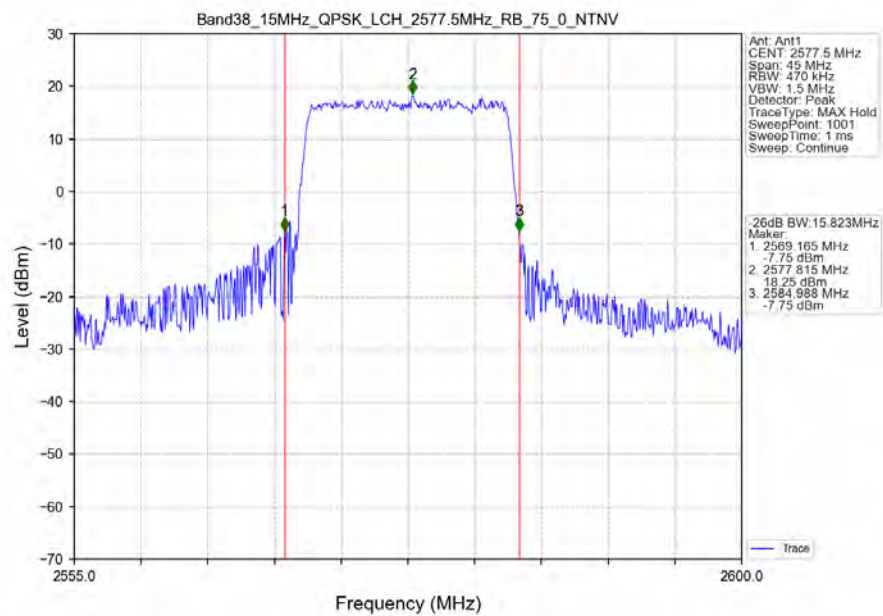
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



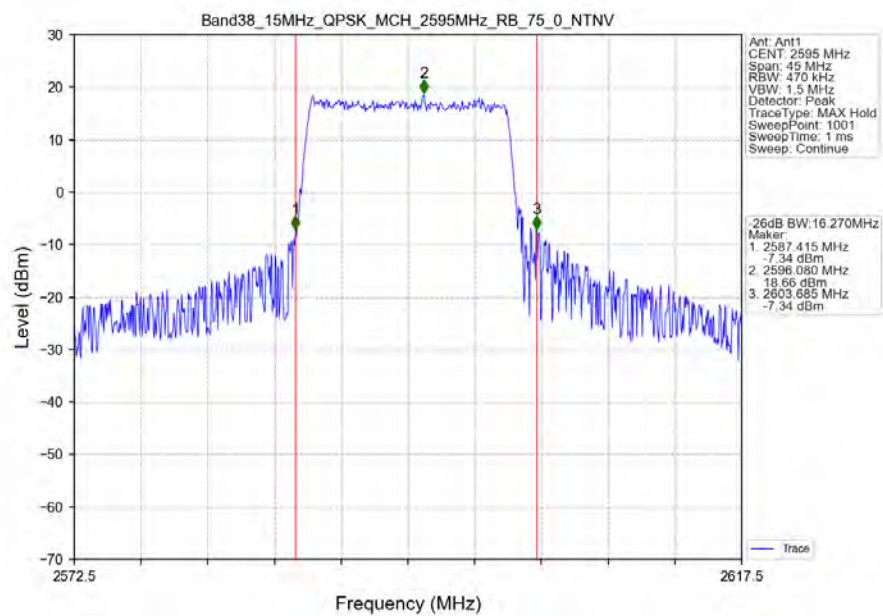
Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



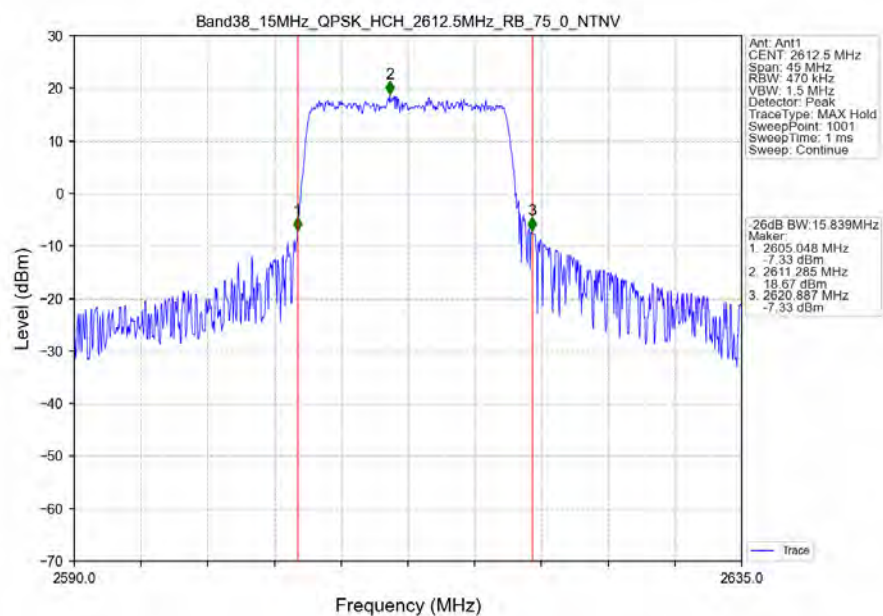
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



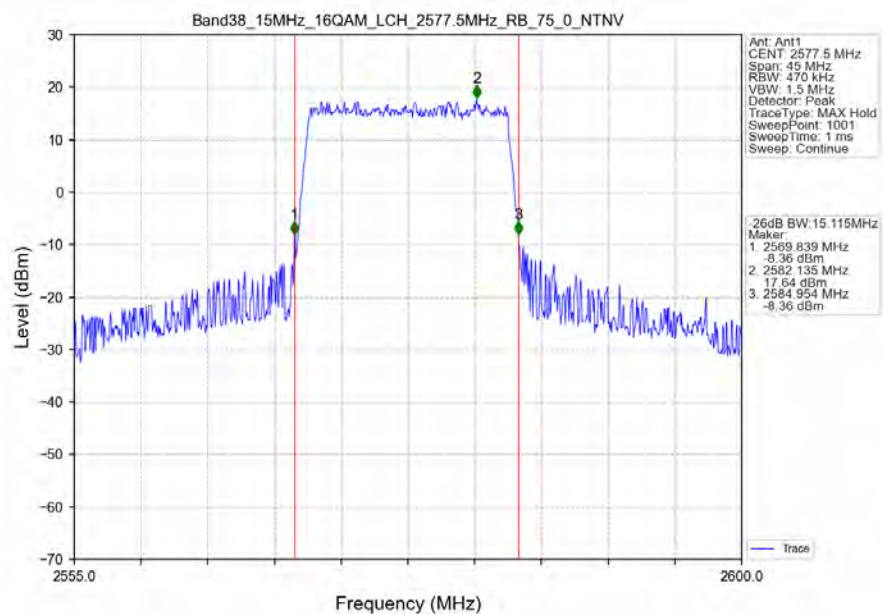
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



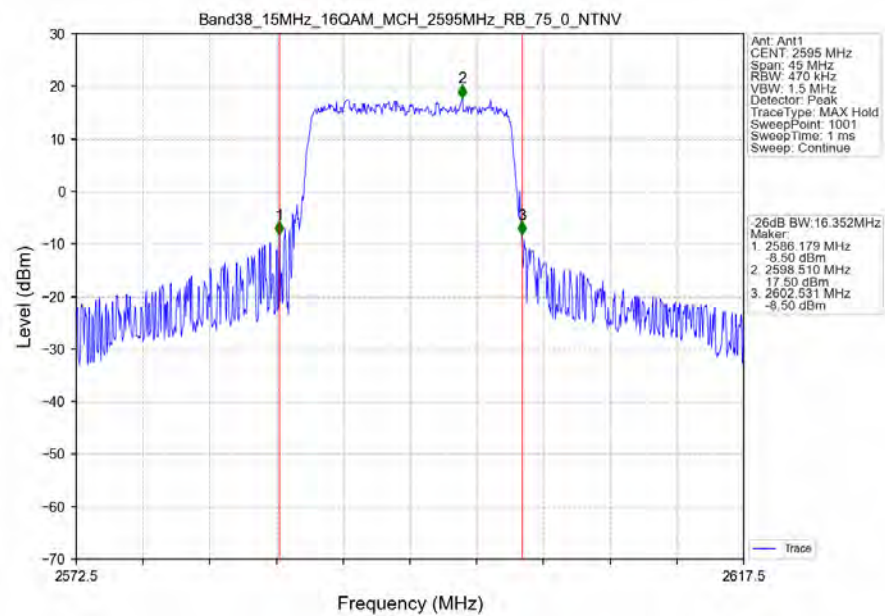
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



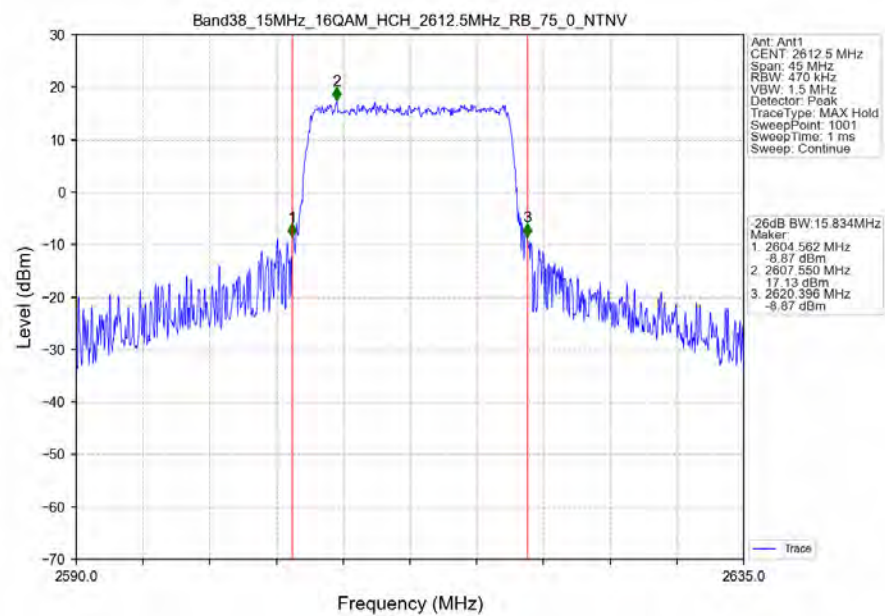
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



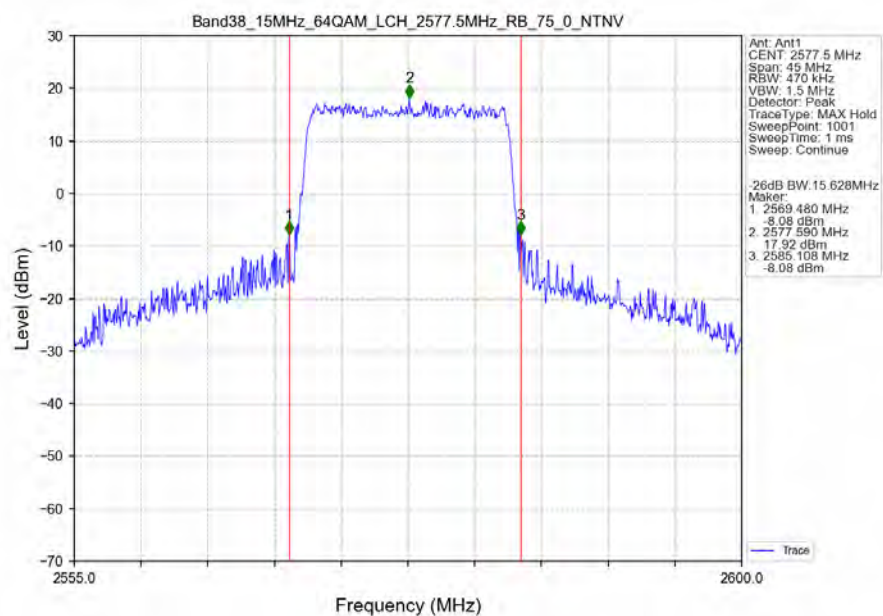
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



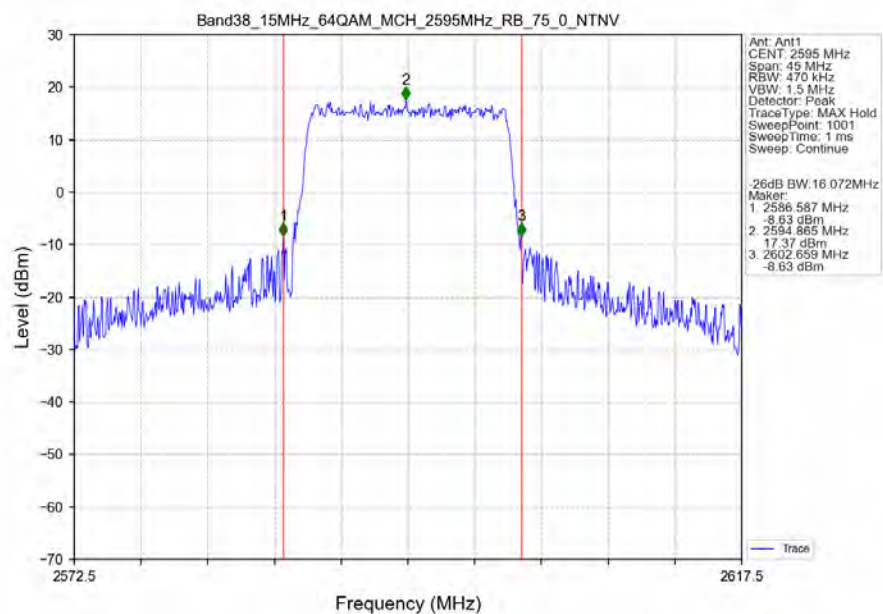
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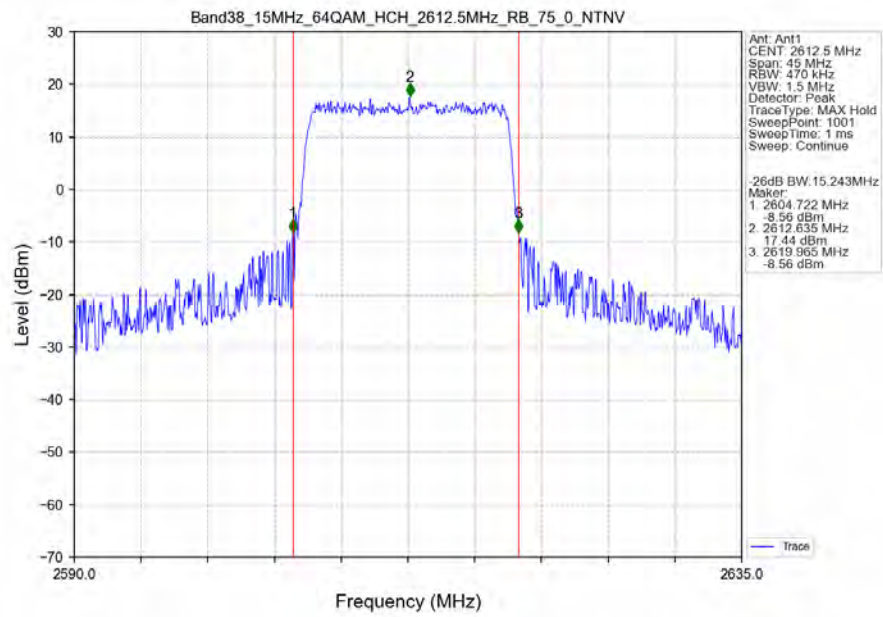
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



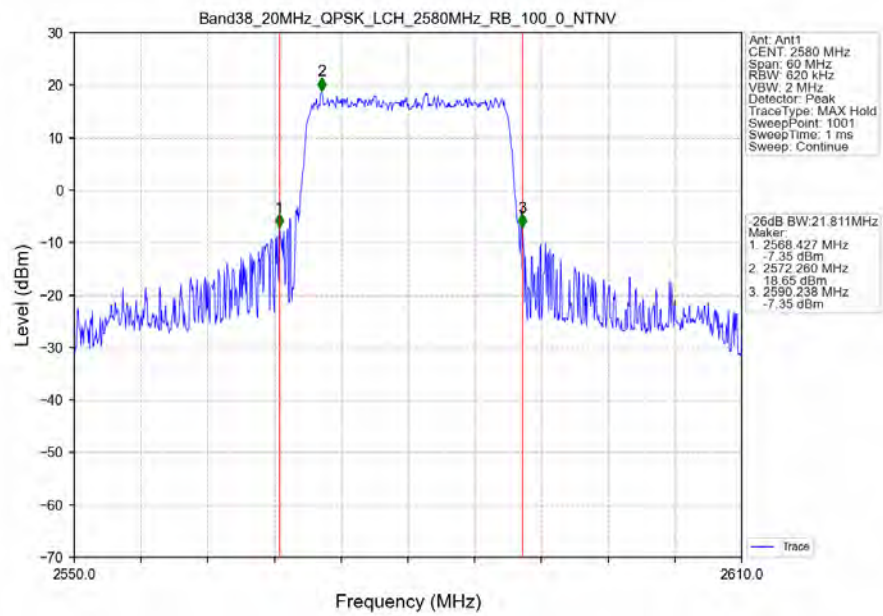
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



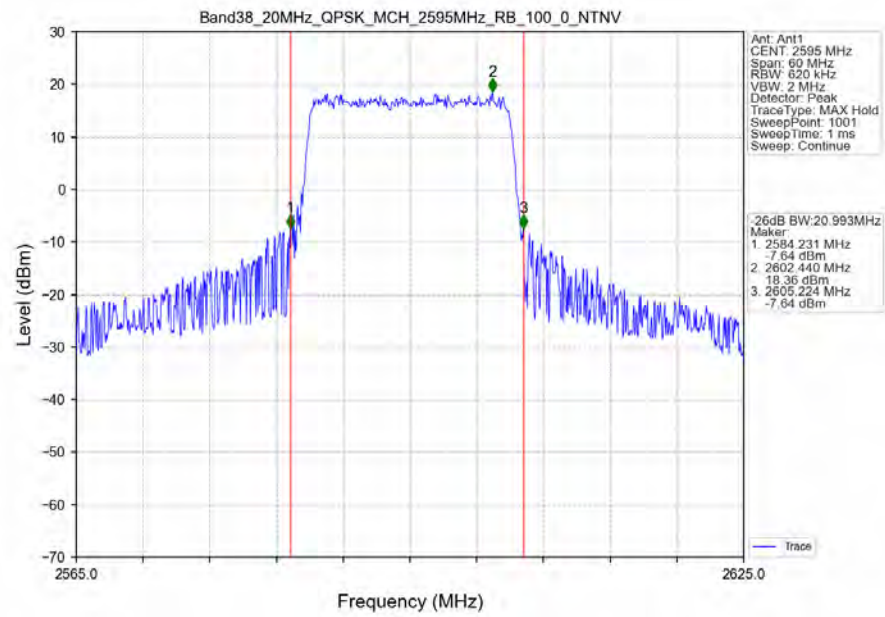
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV



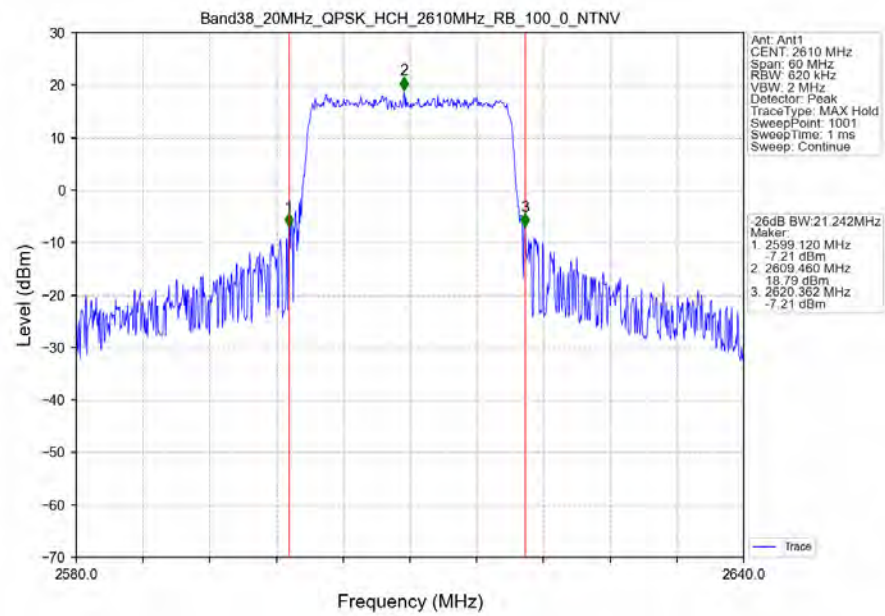
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



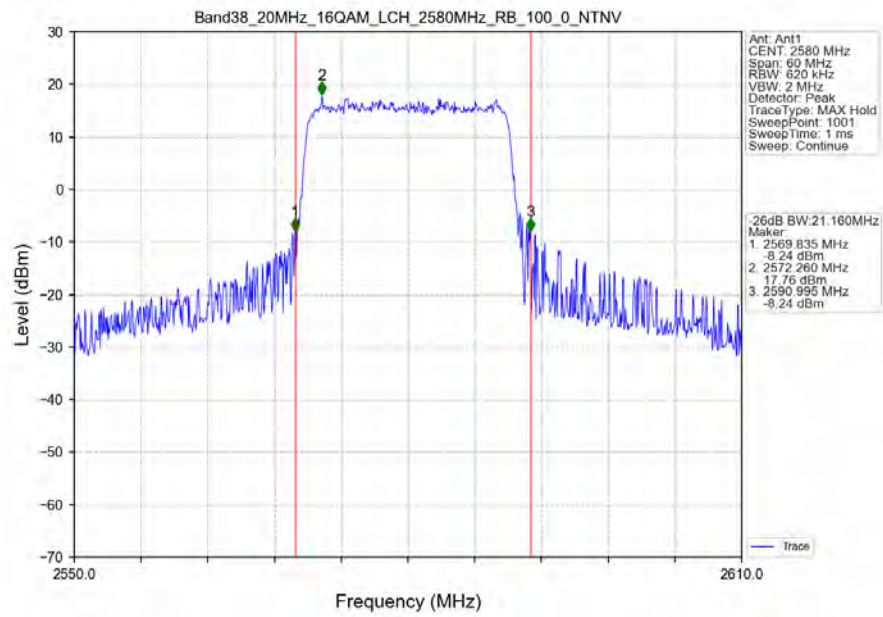
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



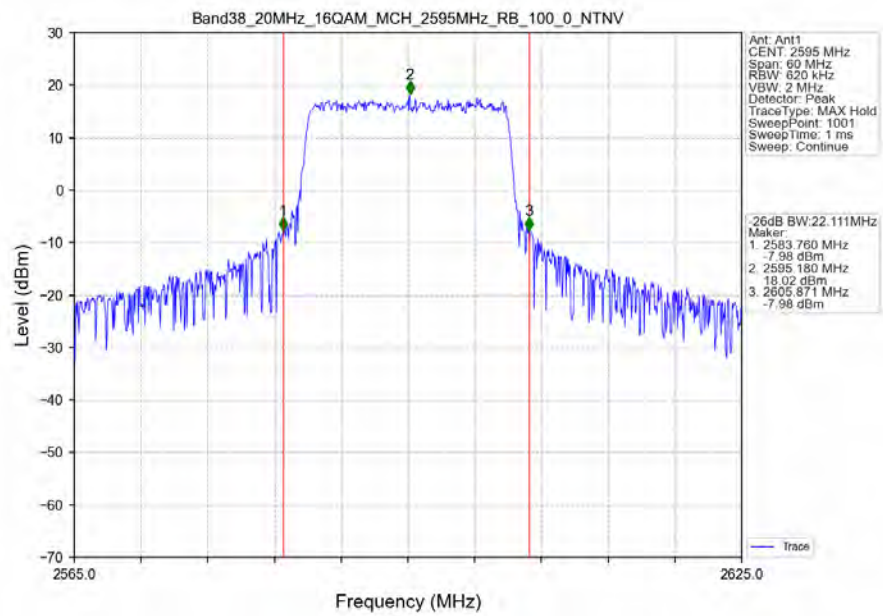
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



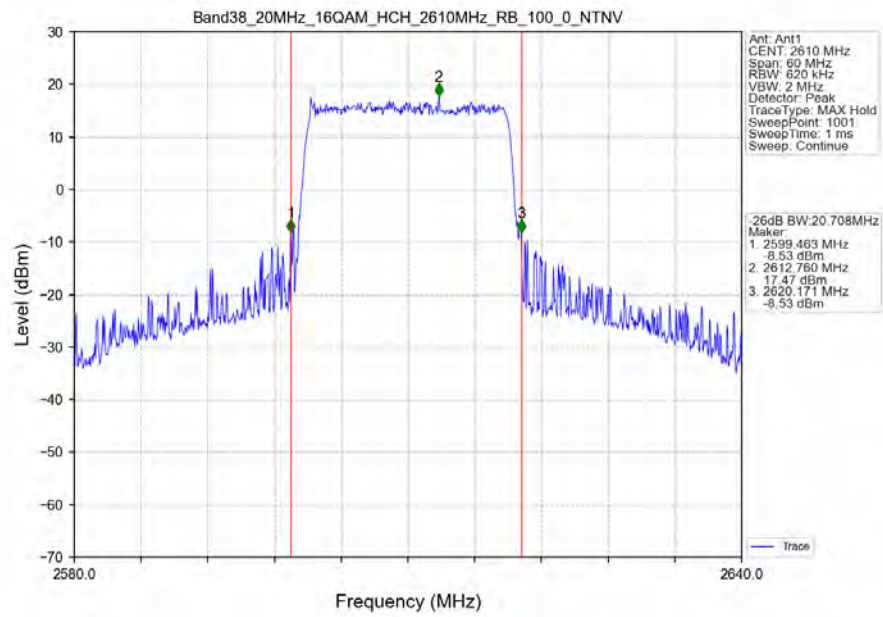
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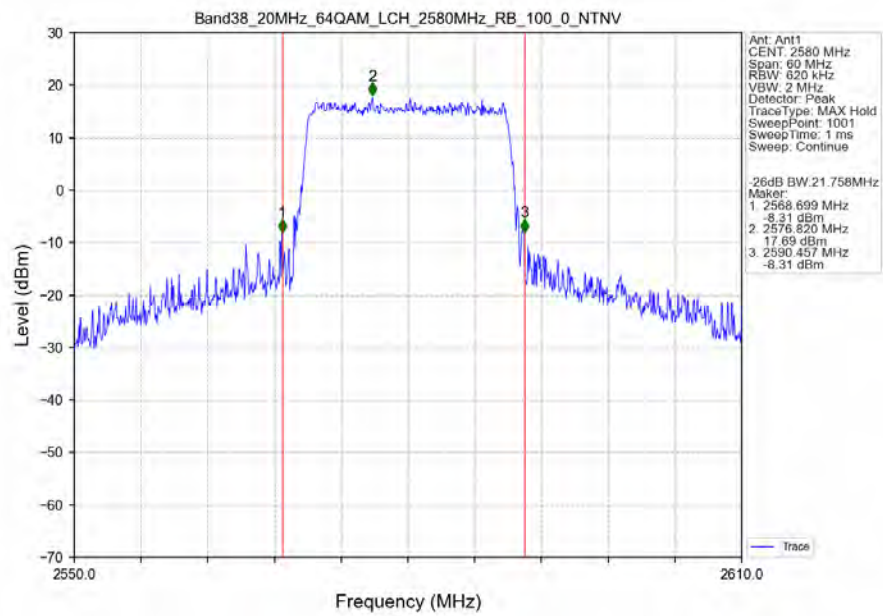
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



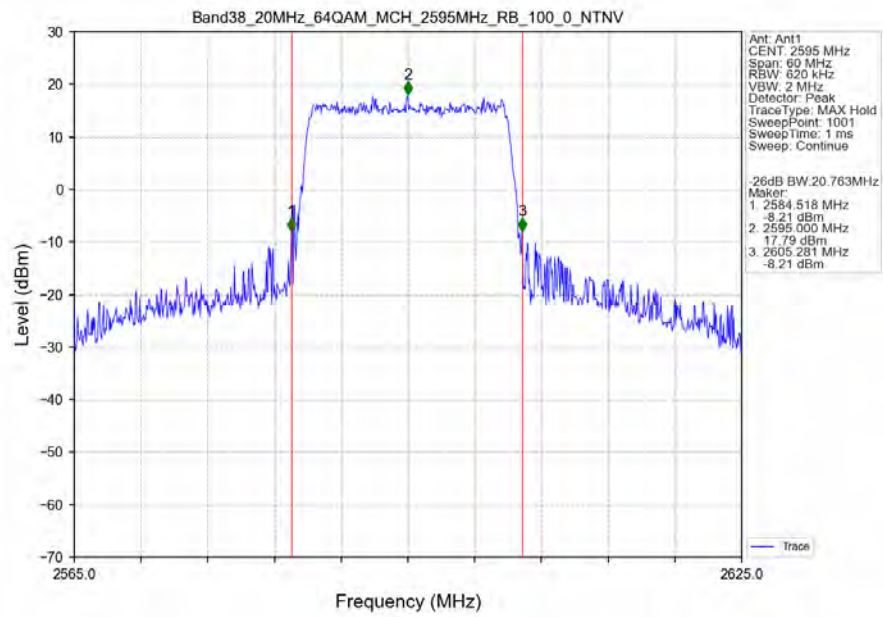
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



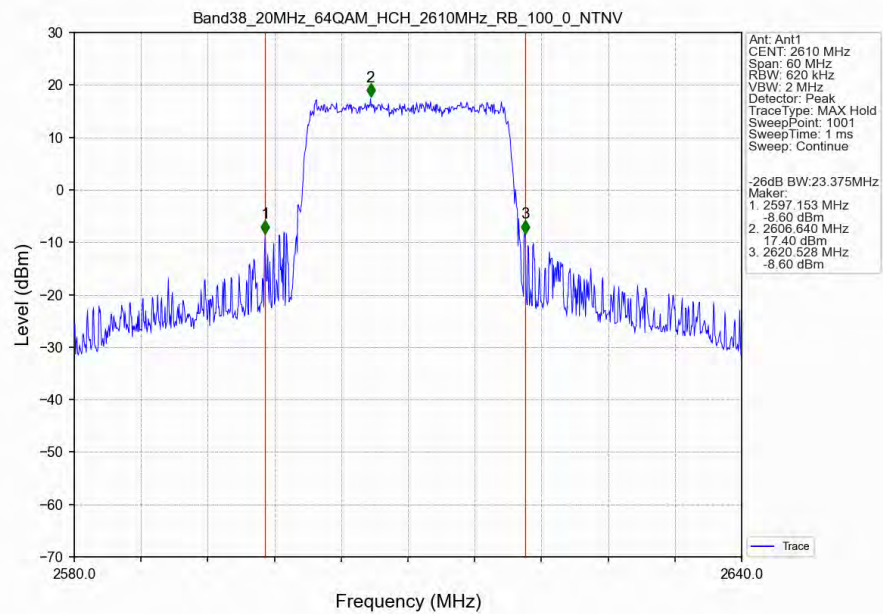
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2572.5	25	0	7.15	<=13	Pass
	2595	25	0	7.19	<=13	Pass
	2617.5	25	0	7.35	<=13	Pass
16QAM	2572.5	25	0	7.81	<=13	Pass
	2595	25	0	8.07	<=13	Pass
	2617.5	25	0	8.11	<=13	Pass
64QAM	2572.5	25	0	7.92	<=13	Pass
	2595	25	0	8.22	<=13	Pass
	2617.5	25	0	8.43	<=13	Pass

4.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	50	0	7.06	<=13	Pass
	2595	50	0	7.30	<=13	Pass
	2615	50	0	7.28	<=13	Pass
16QAM	2575	50	0	7.85	<=13	Pass
	2595	50	0	8.09	<=13	Pass
	2615	50	0	8.03	<=13	Pass
64QAM	2575	50	0	8.03	<=13	Pass
	2595	50	0	8.22	<=13	Pass
	2615	50	0	8.35	<=13	Pass

4.1.3 B38_15MHz

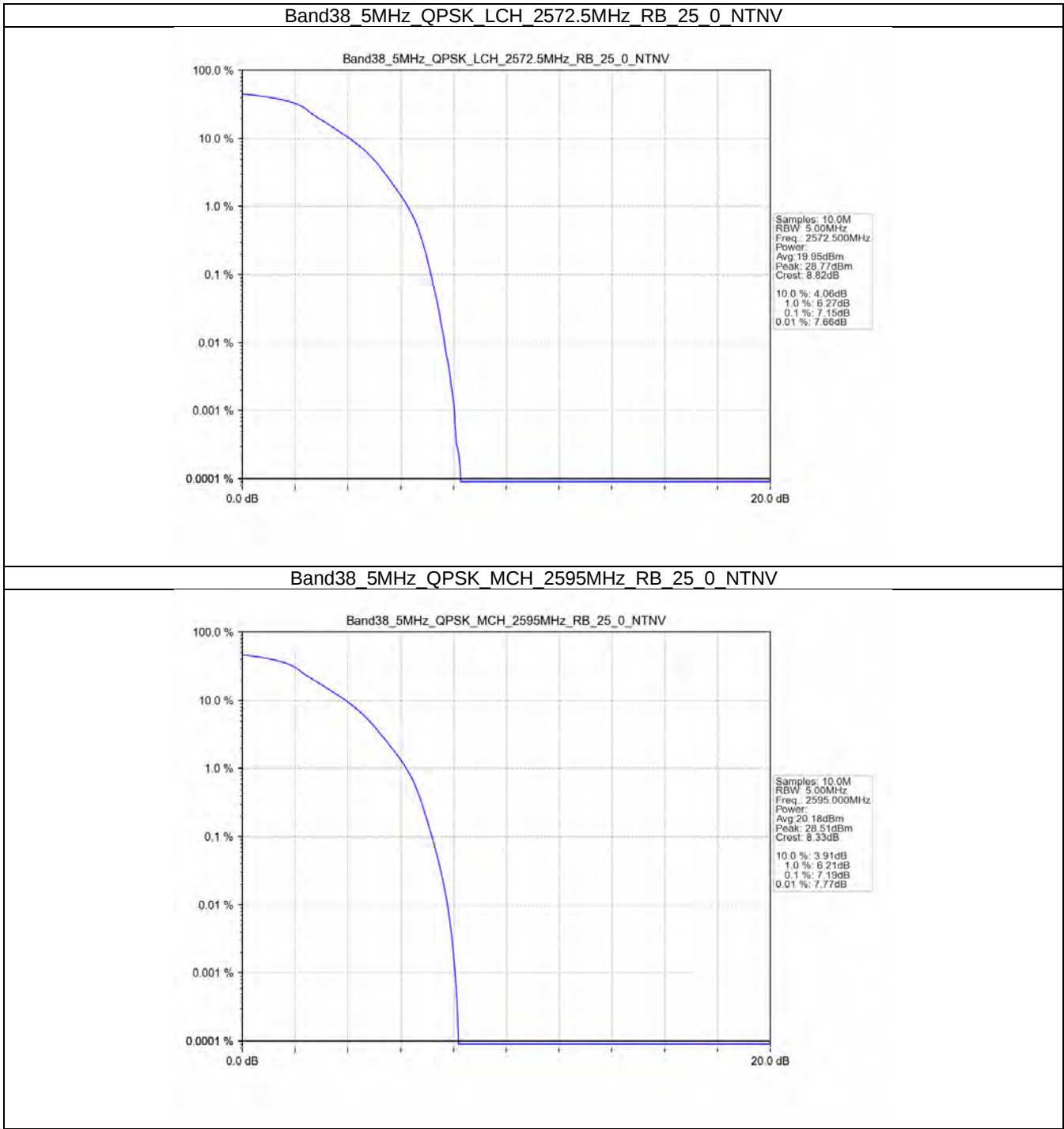
Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	75	0	7.13	<=13	Pass
	2595	75	0	7.02	<=13	Pass
	2612.5	75	0	7.44	<=13	Pass
16QAM	2577.5	75	0	7.81	<=13	Pass
	2595	75	0	8.42	<=13	Pass
	2612.5	75	0	8.30	<=13	Pass
64QAM	2577.5	75	0	7.75	<=13	Pass
	2595	75	0	7.84	<=13	Pass
	2612.5	75	0	8.22	<=13	Pass

4.1.4 B38_20MHz

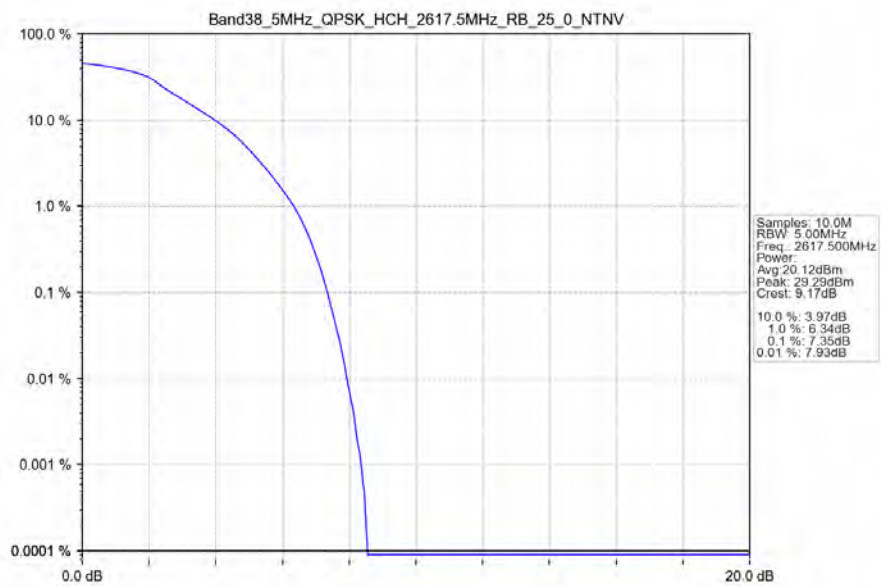
Band: 38 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	100	0	7.18	<=13	Pass
	2595	100	0	7.23	<=13	Pass
	2610	100	0	7.43	<=13	Pass
16QAM	2580	100	0	8.39	<=13	Pass
	2595	100	0	8.09	<=13	Pass
	2610	100	0	7.91	<=13	Pass
64QAM	2580	100	0	8.18	<=13	Pass
	2595	100	0	8.15	<=13	Pass
	2610	100	0	8.27	<=13	Pass

4.2 Test Graph

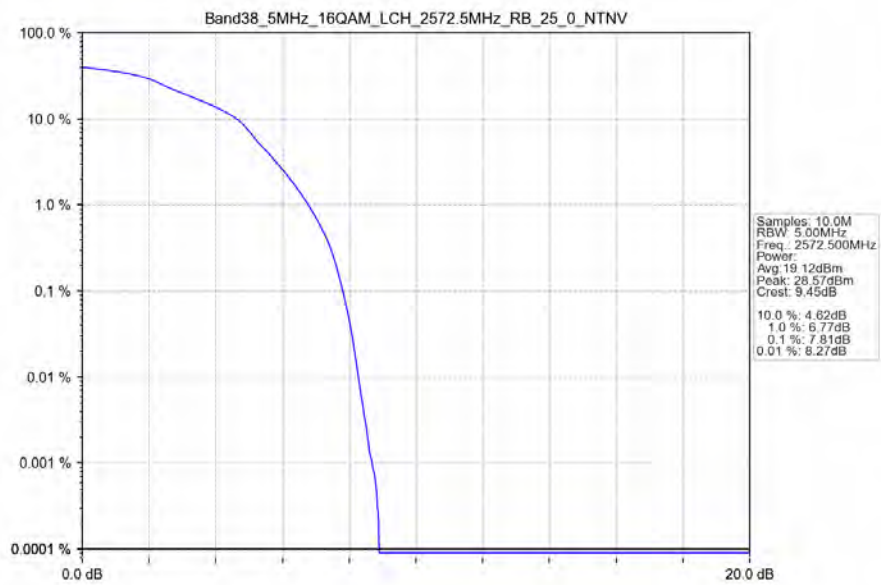
4.2.1 B38_5MHz



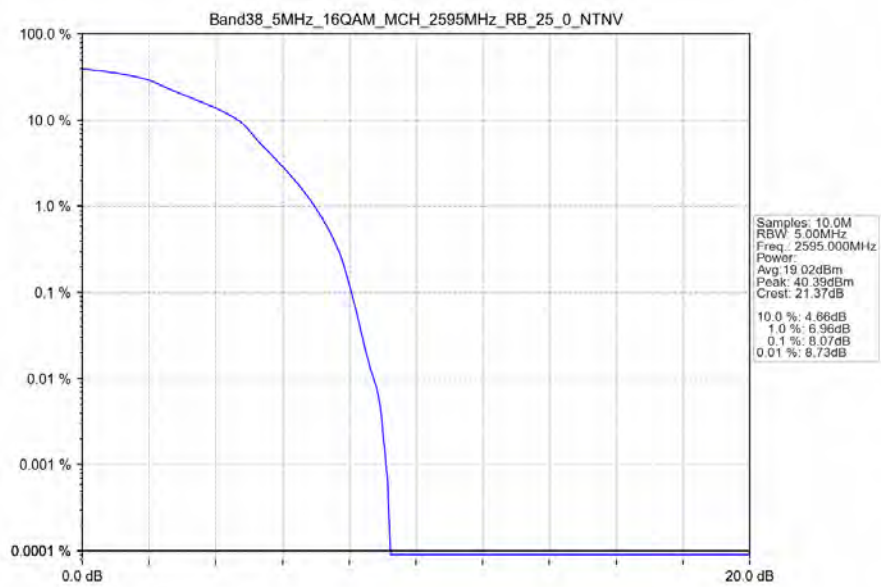
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



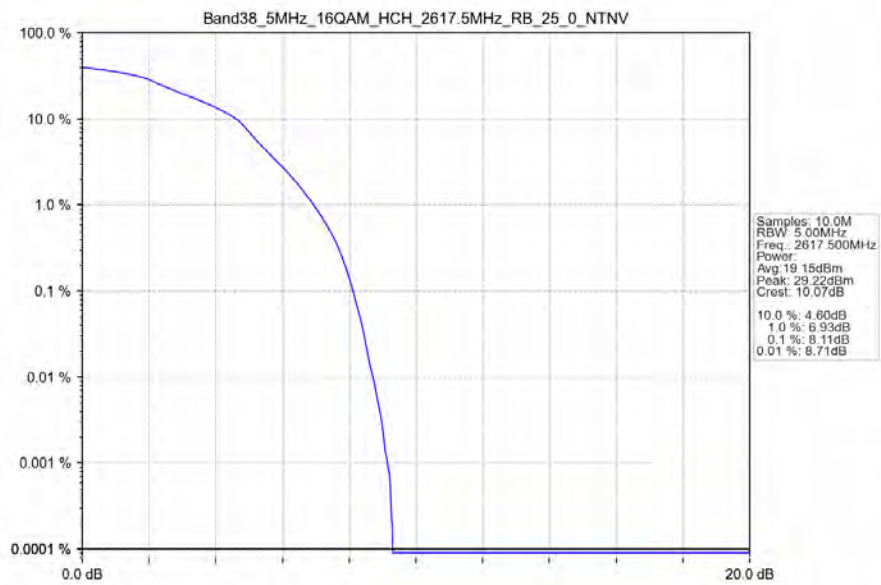
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



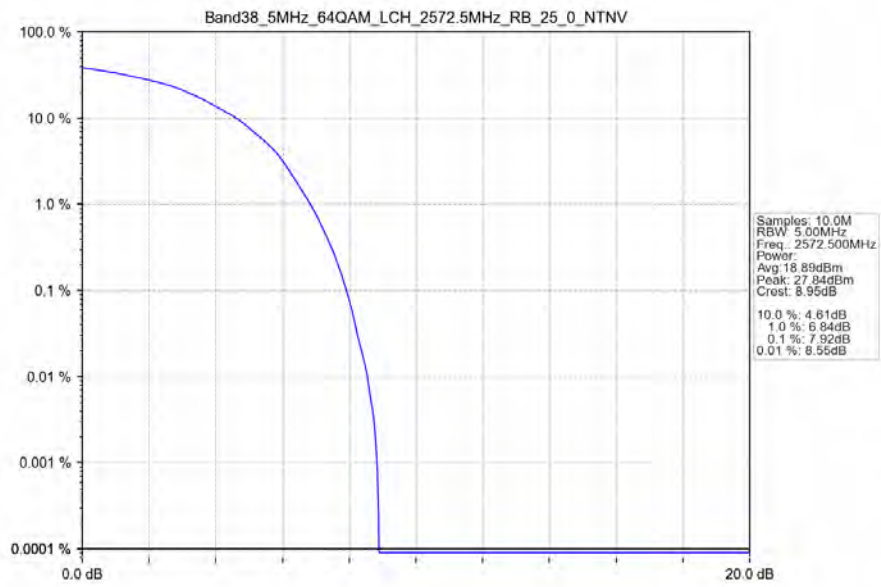
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



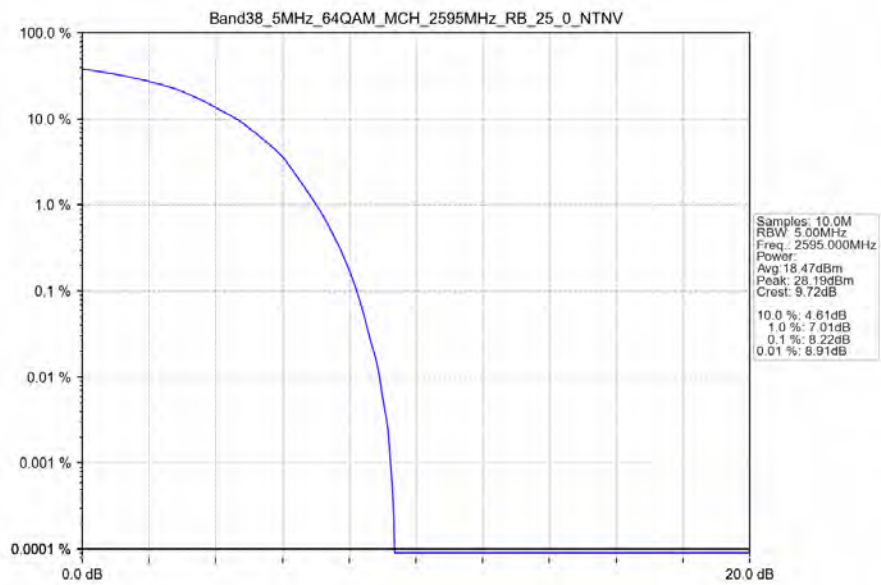
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



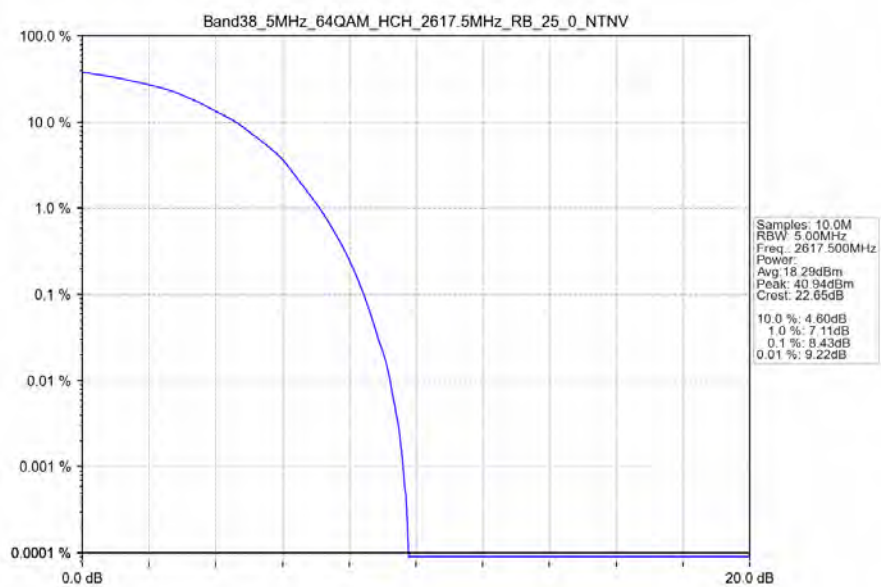
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV



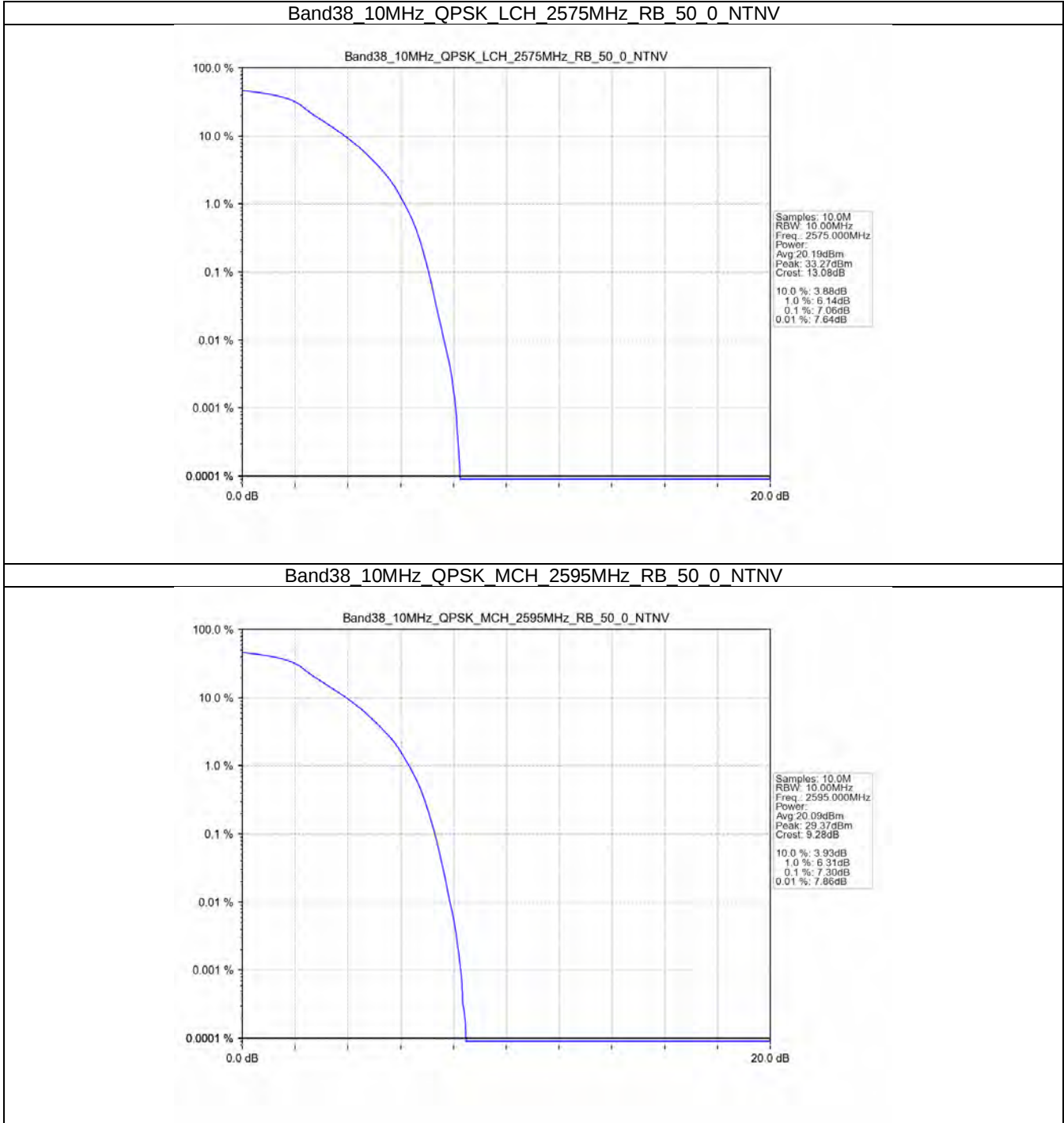
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



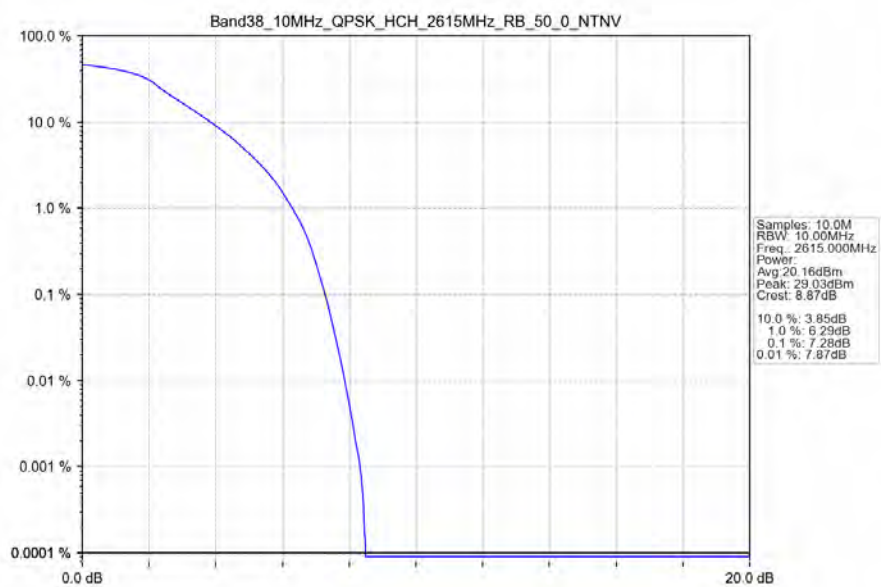
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



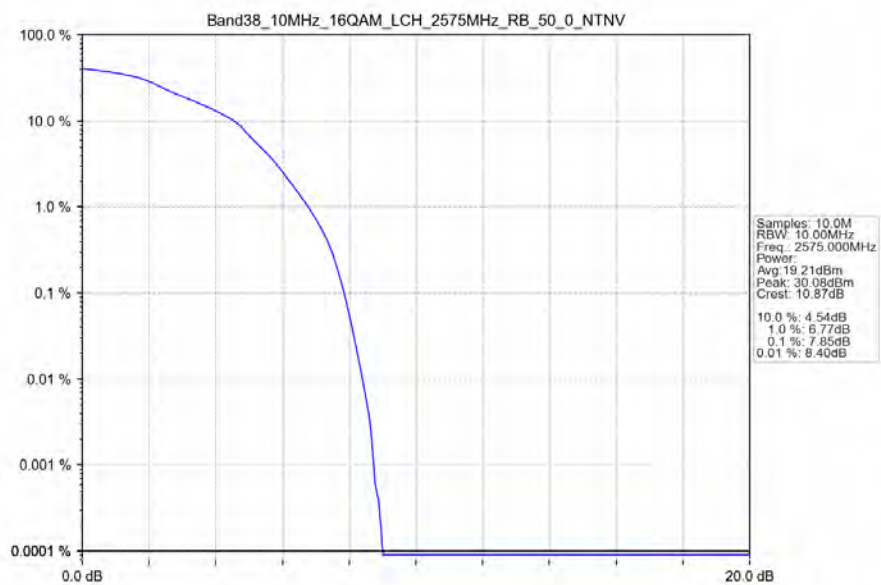
4.2.2 B38_10MHz



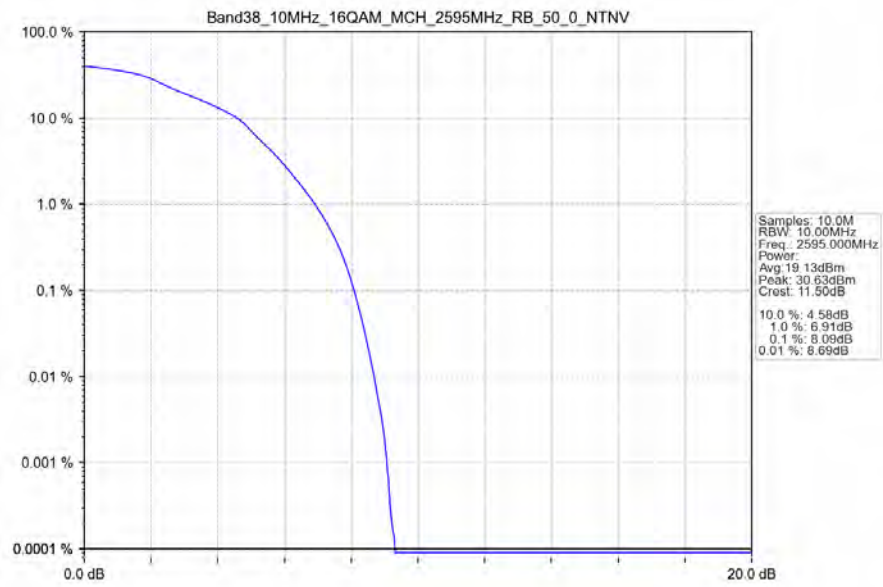
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



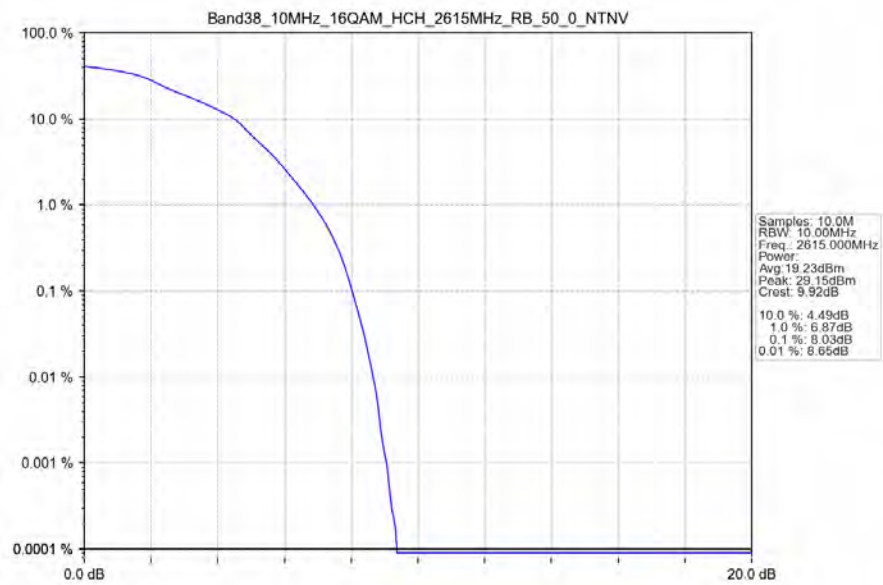
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



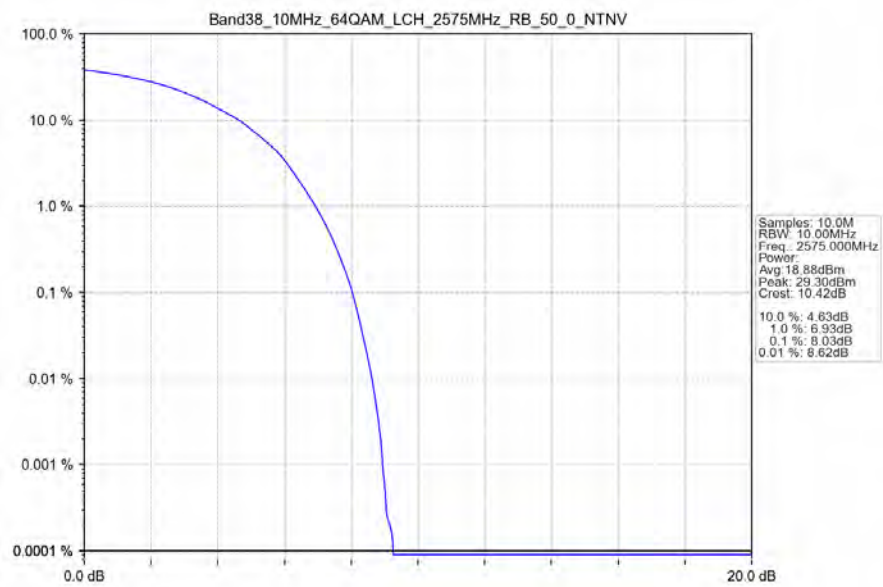
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



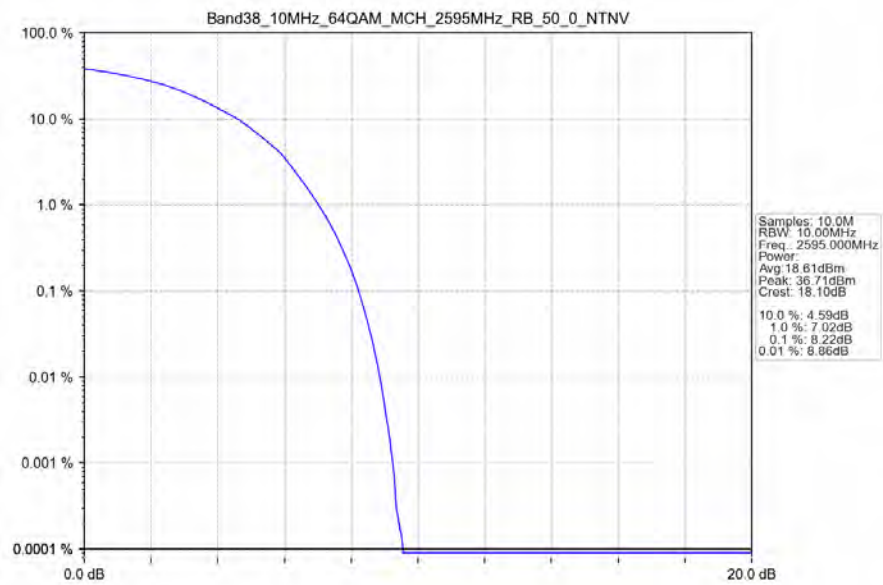
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



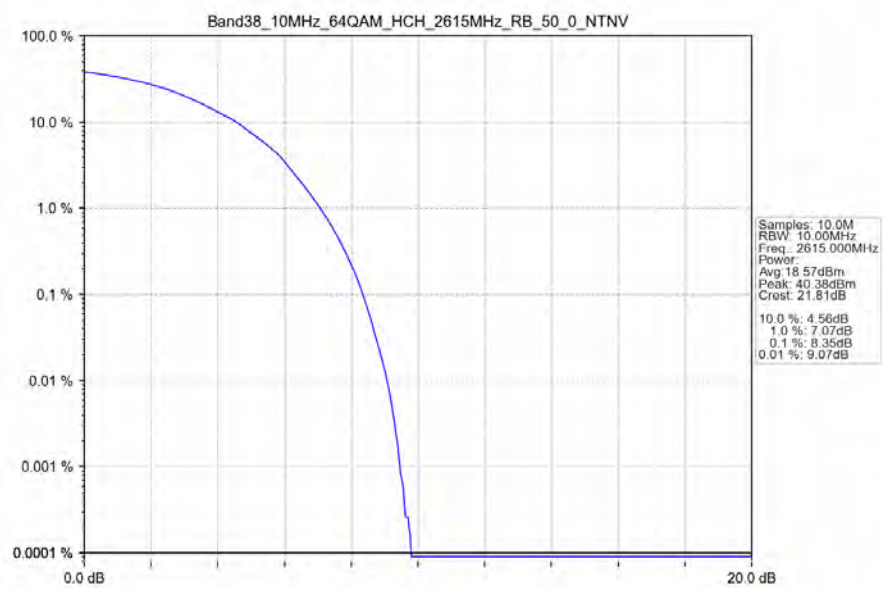
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



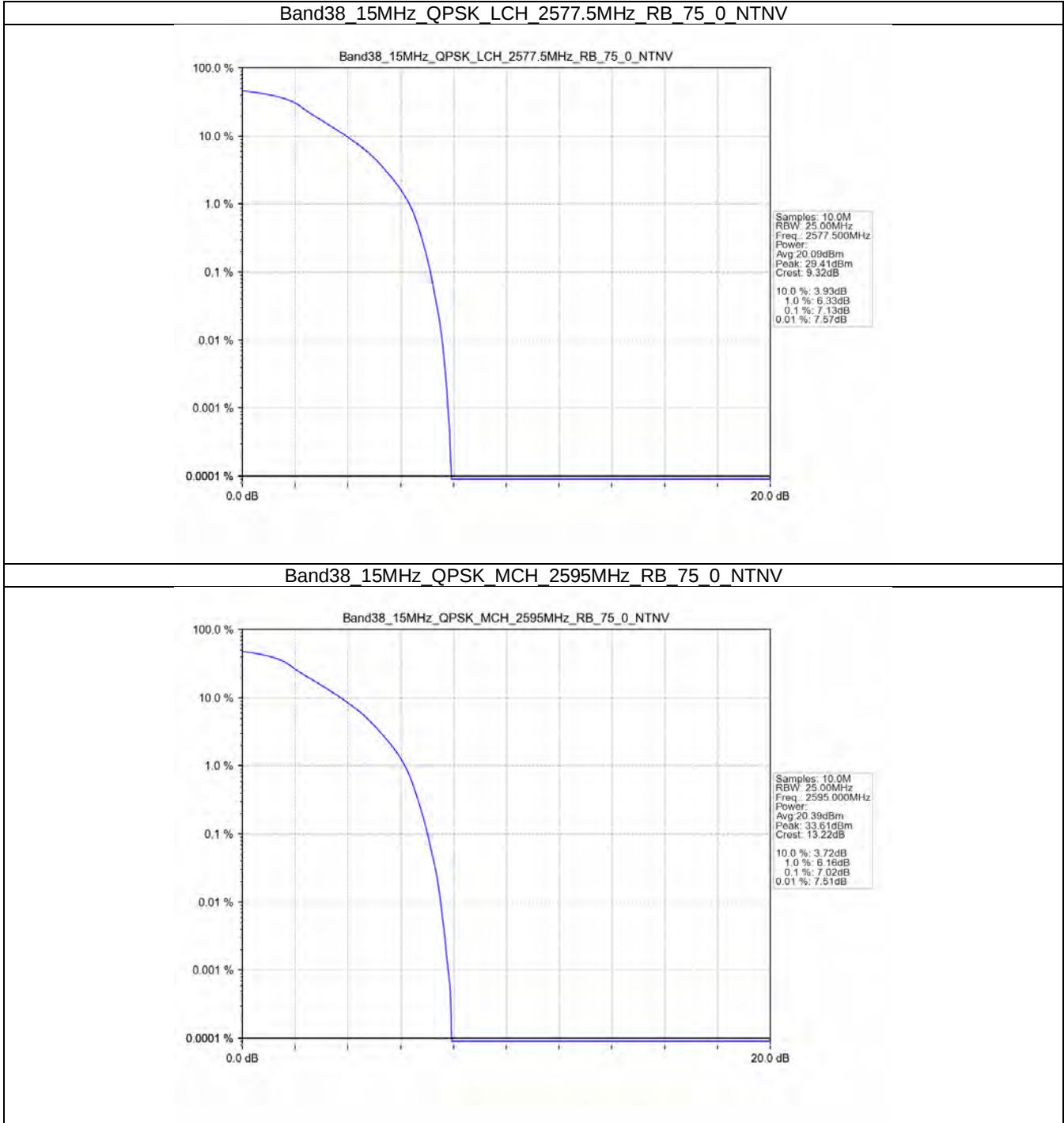
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



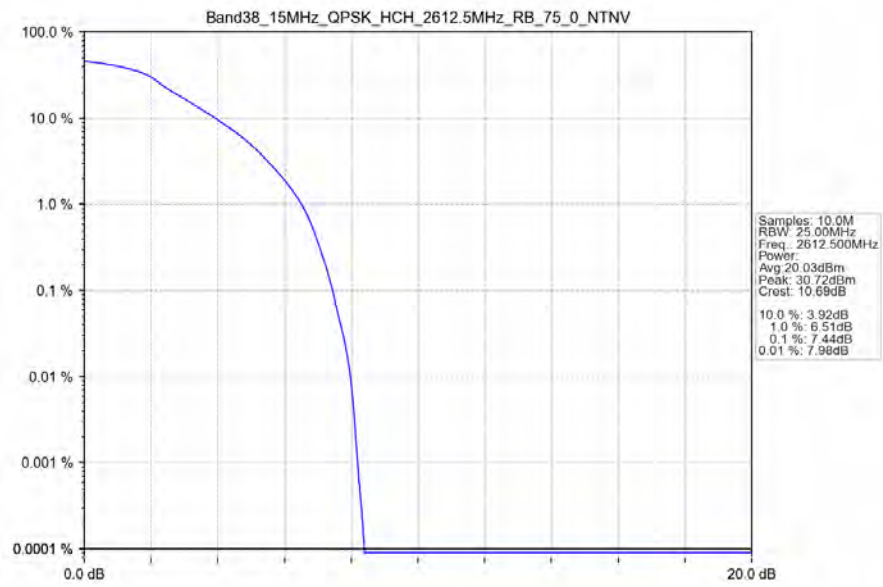
Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



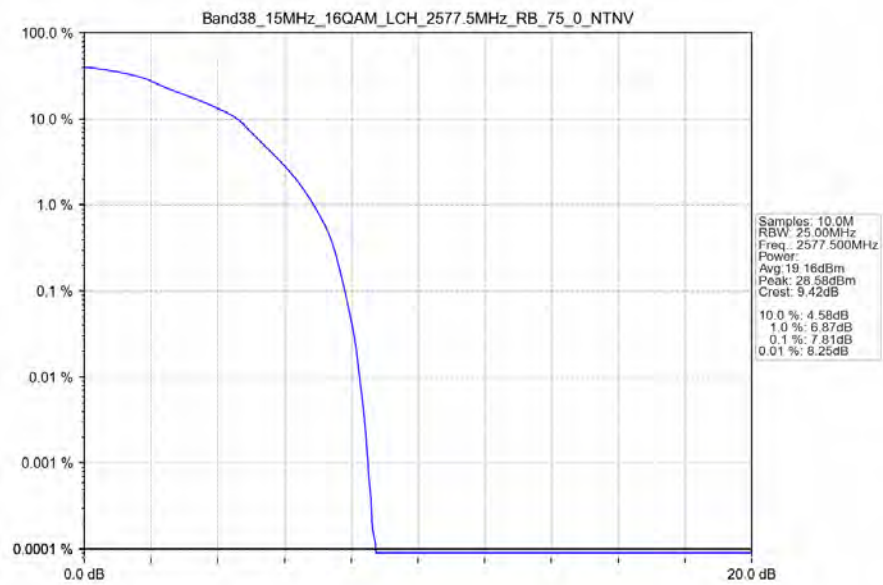
4.2.3 B38_15MHz



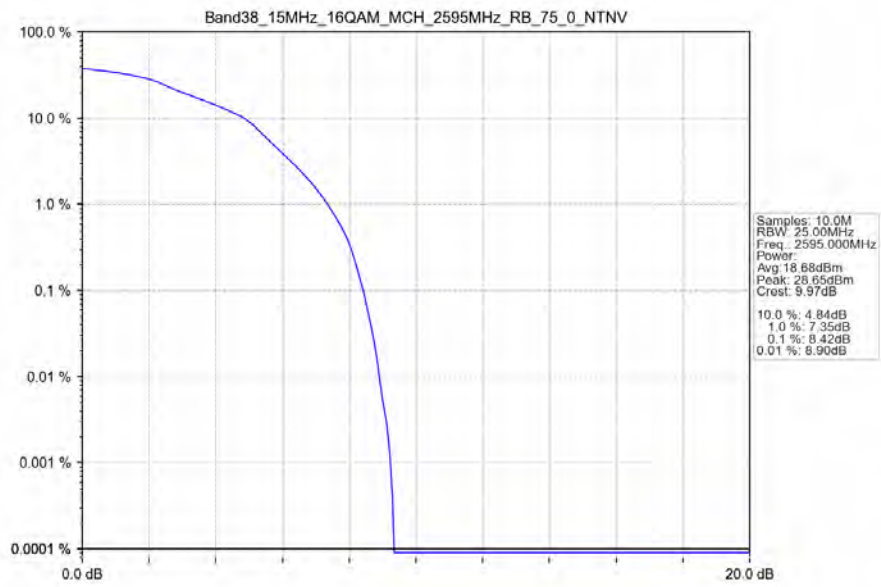
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



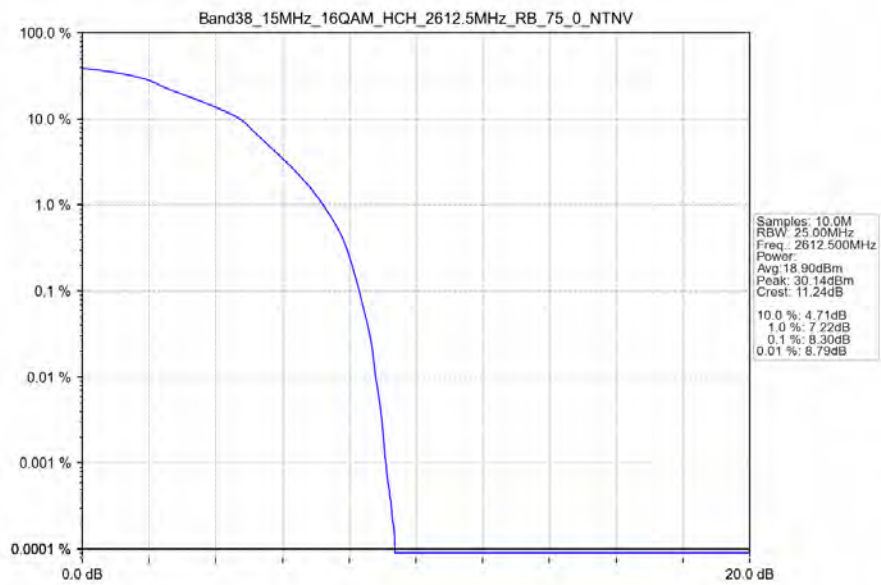
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



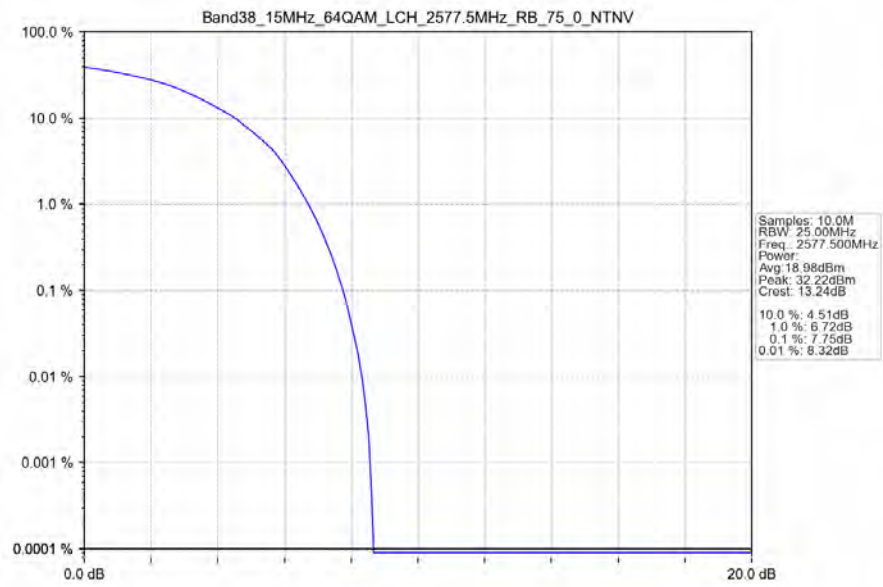
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



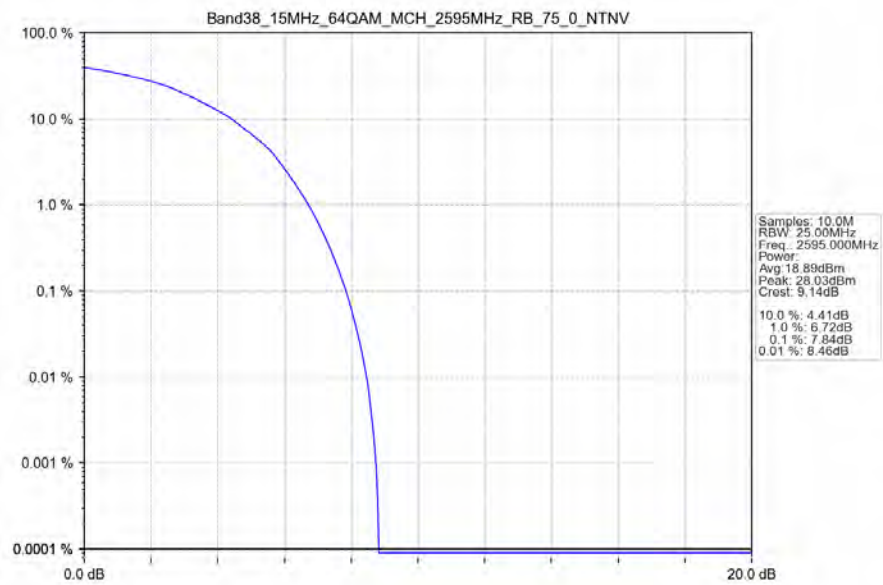
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



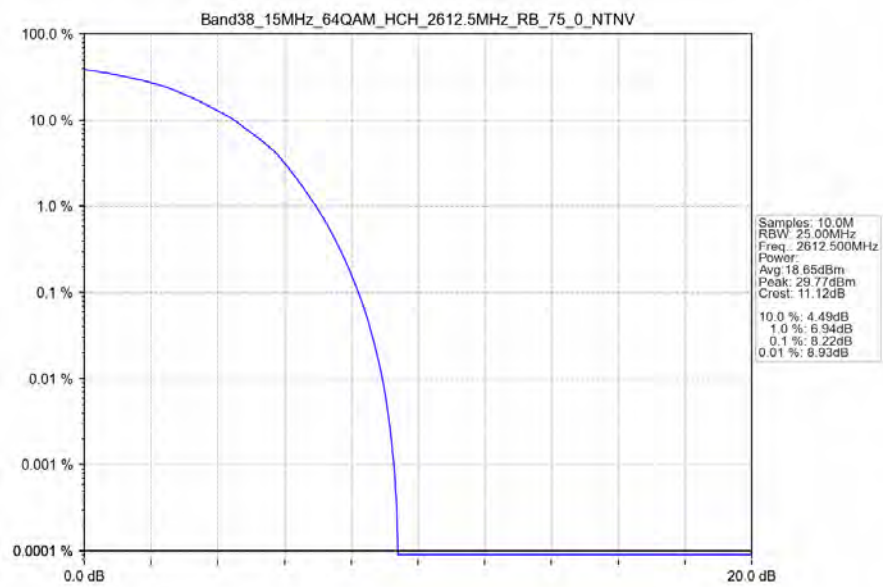
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



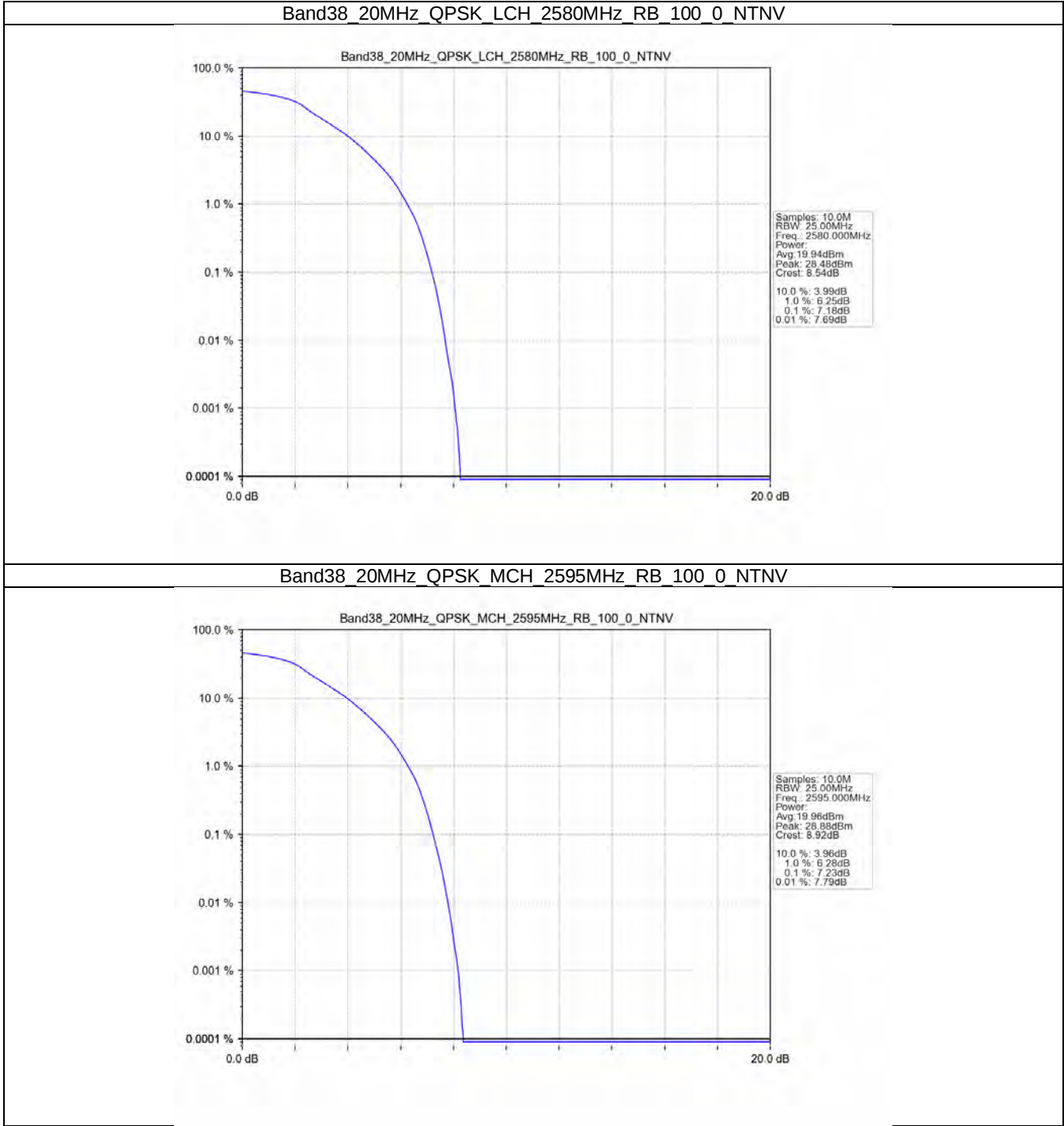
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



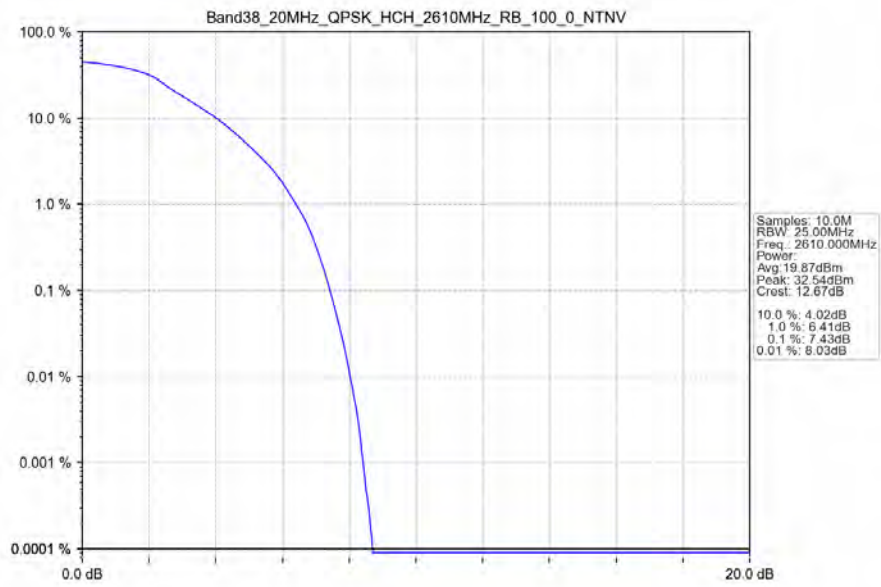
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV



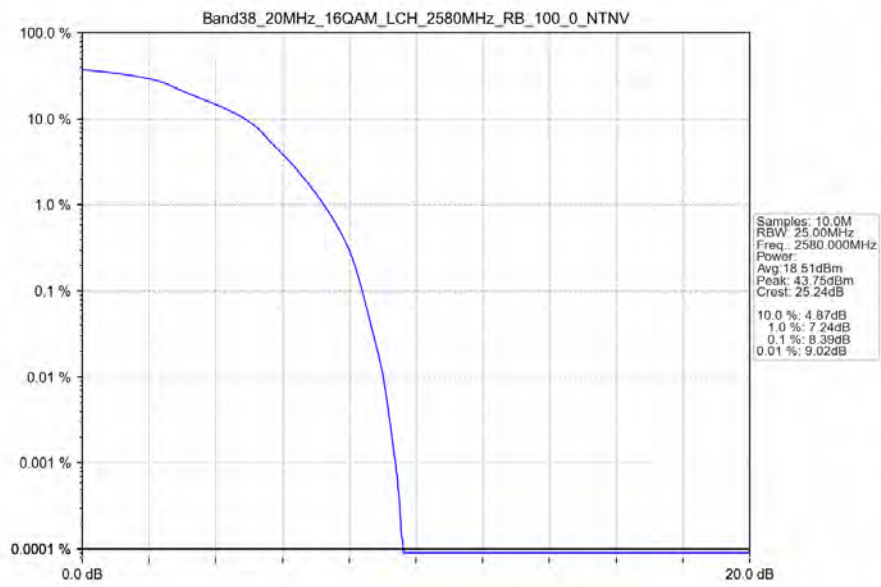
4.2.4 B38_20MHz



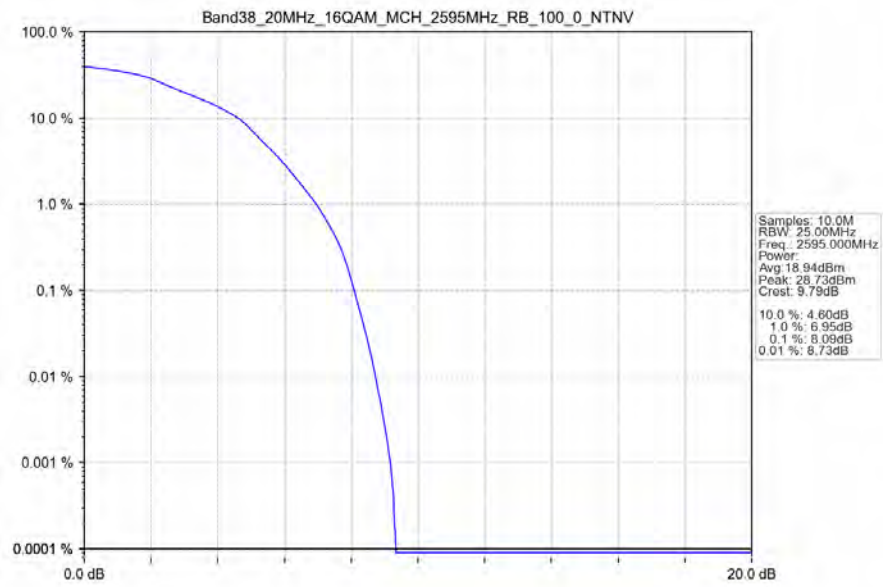
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



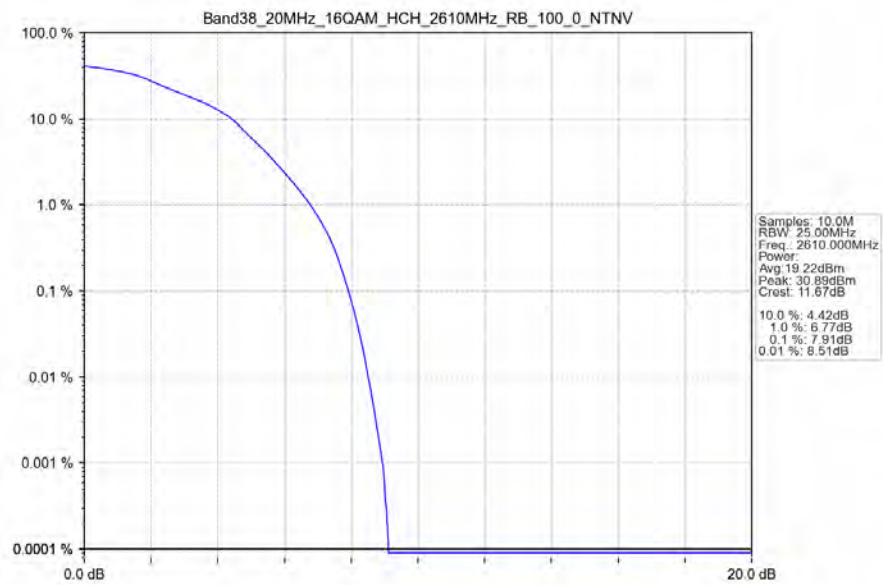
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



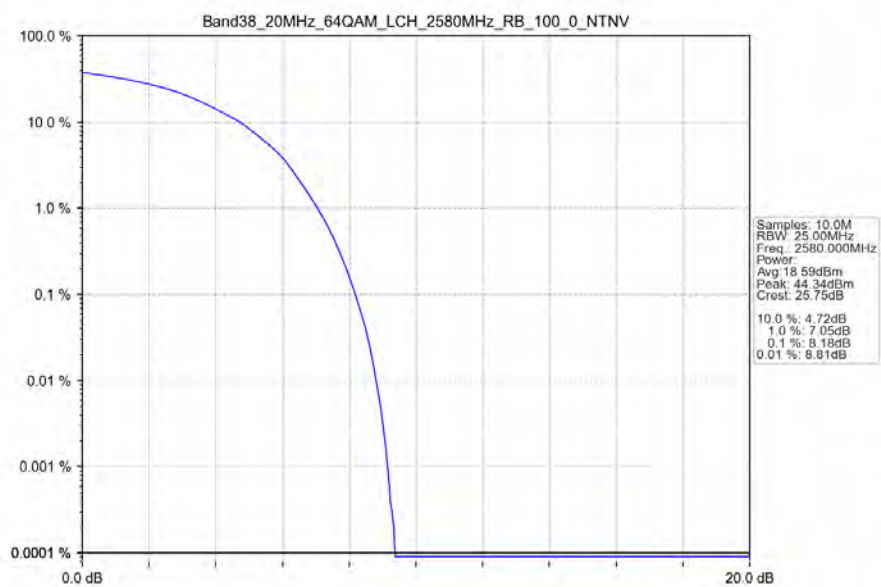
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



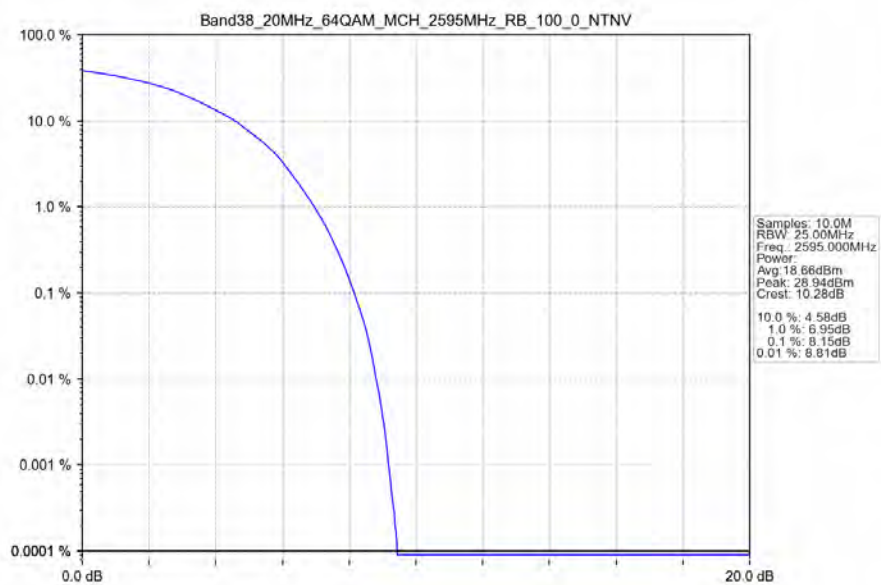
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



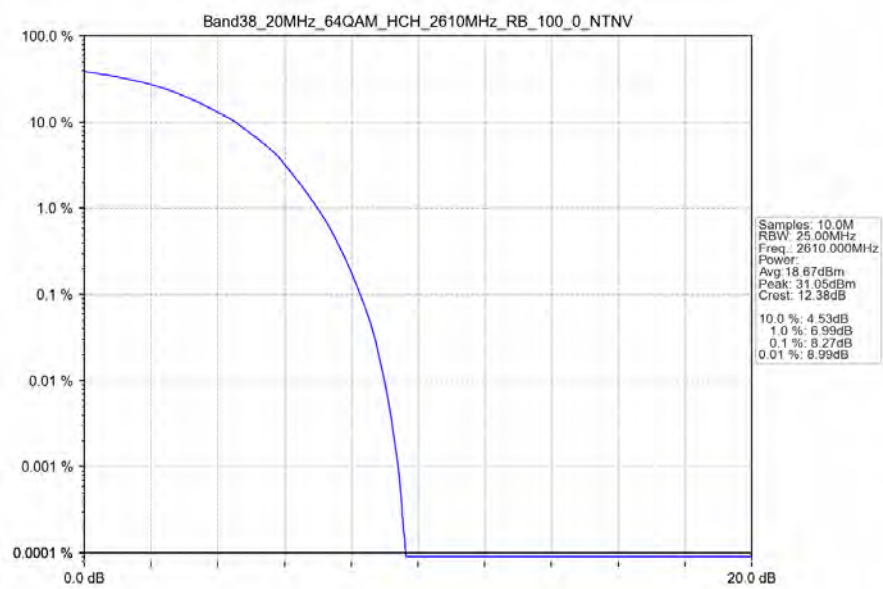
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B38_5MHz

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

5.1.2 B38_10MHz

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

5.1.3 B38_15MHz

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

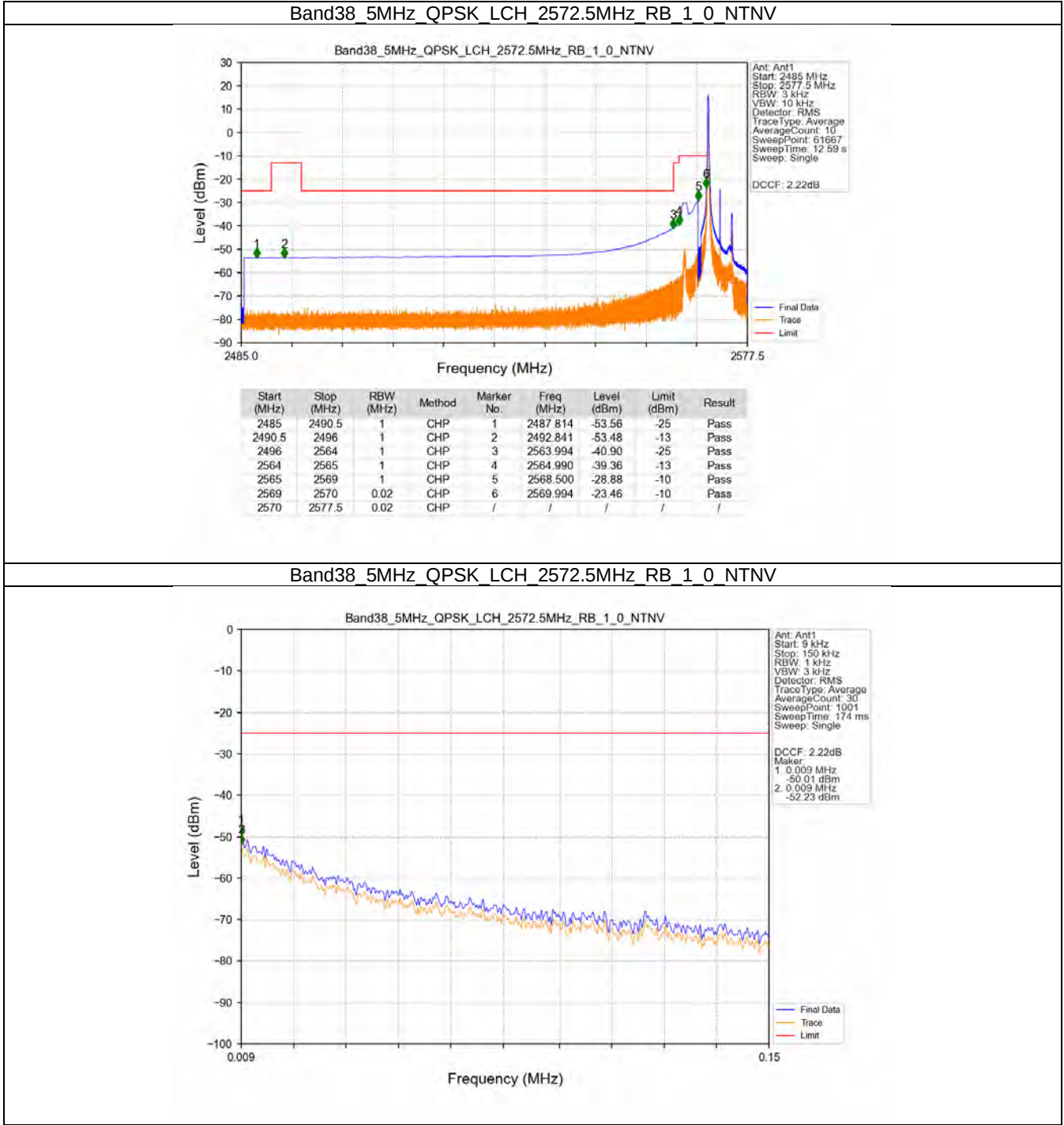
5.1.4 B38_20MHz

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

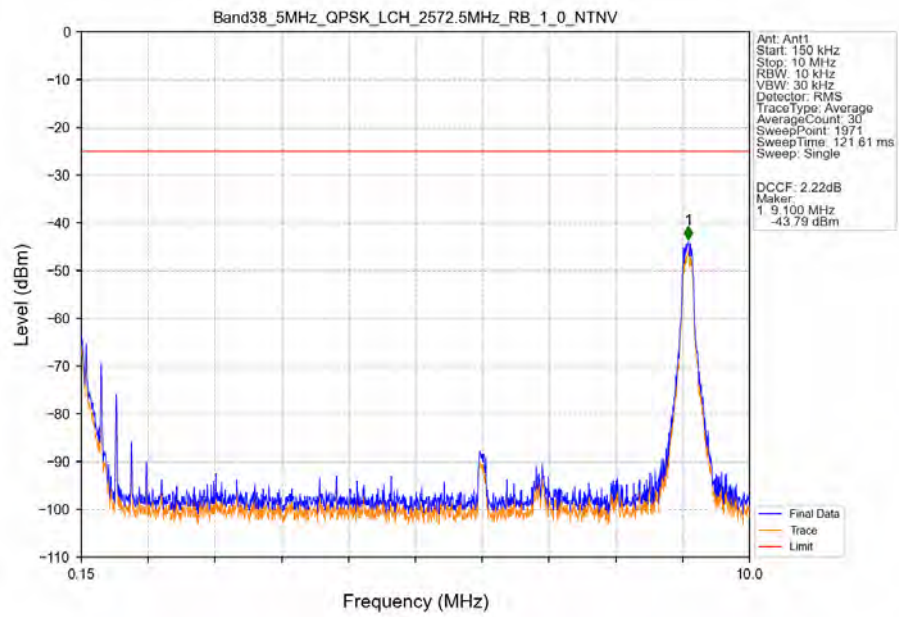
	2610	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

5.2 Test Graph

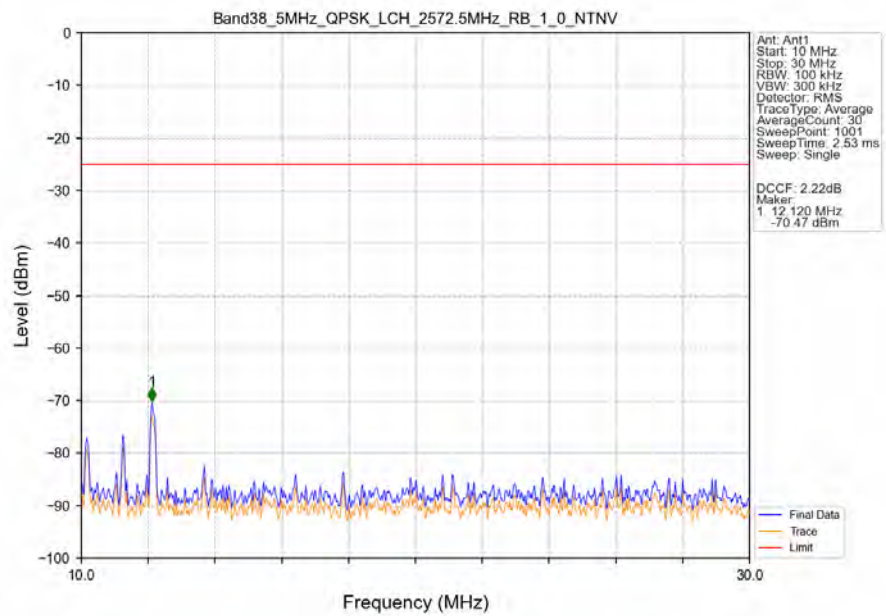
5.2.1 B38_5MHz



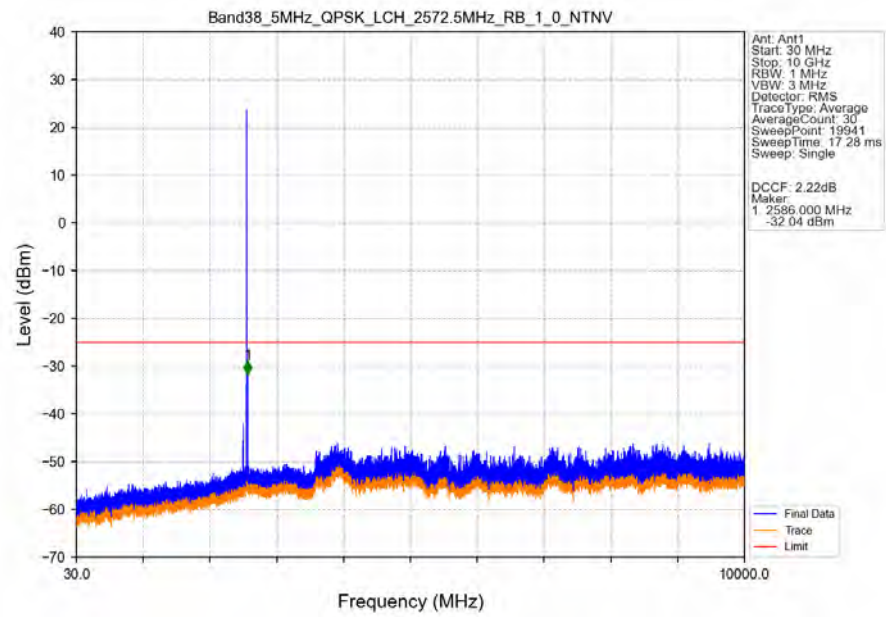
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



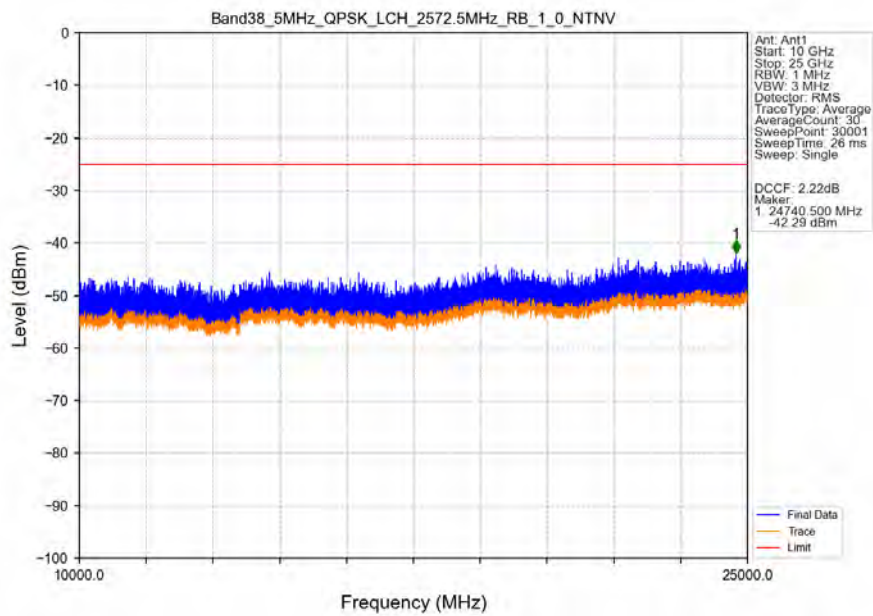
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



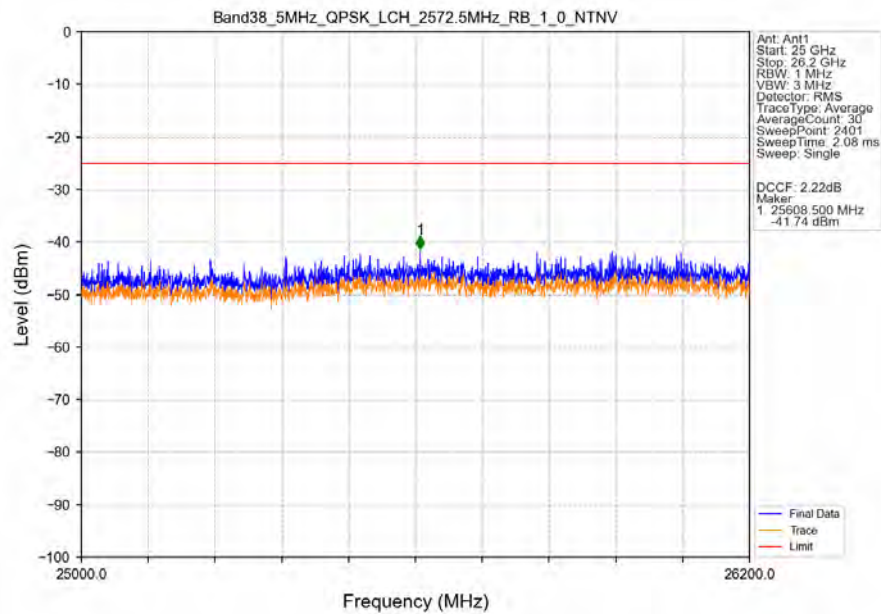
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



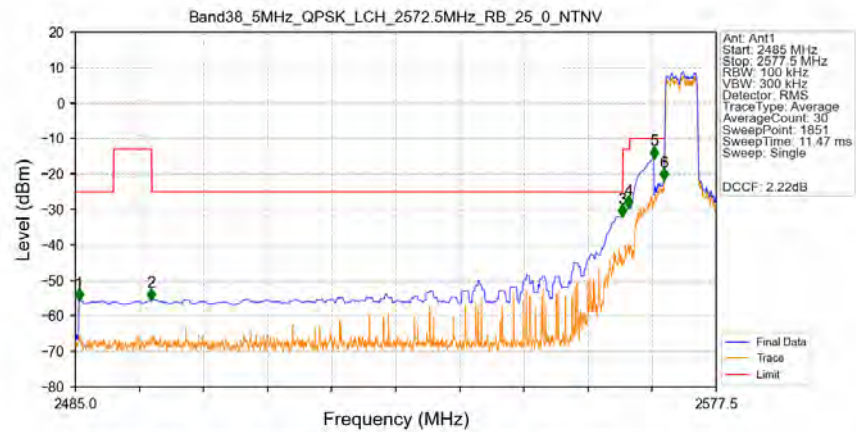
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV

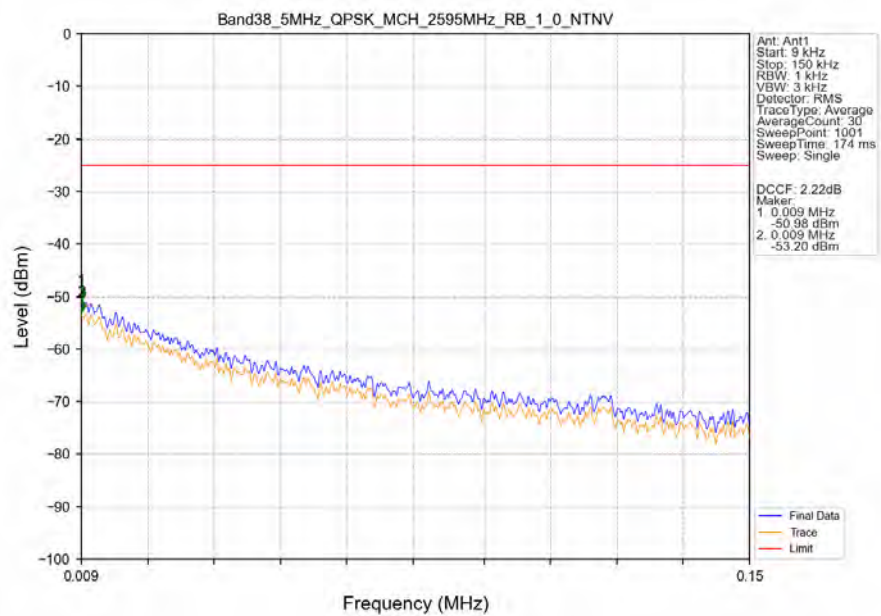


Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV

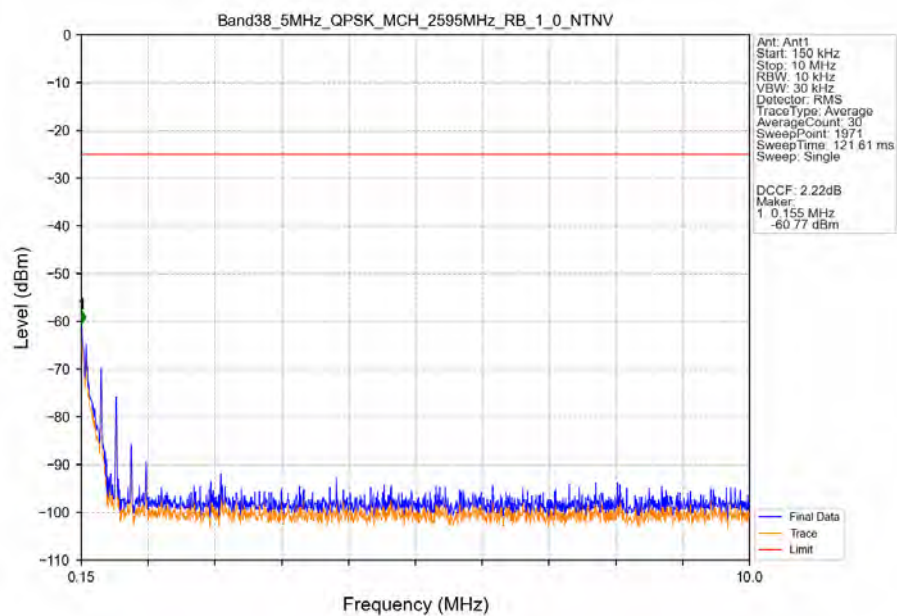


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.500	-55.60	-25	Pass
2490.5	2496	1	CHP	2	2495.900	-55.42	-13	Pass
2496	2564	1	CHP	3	2563.900	-31.76	-25	Pass
2564	2565	1	CHP	4	2564.850	-29.52	-13	Pass
2565	2569	1	CHP	5	2568.500	-15.49	-10	Pass
2569	2570	0.102	CHP	6	2569.950	-21.56	-10	Pass
2570	2577.5	0.102	CHP	/	/	/	/	/

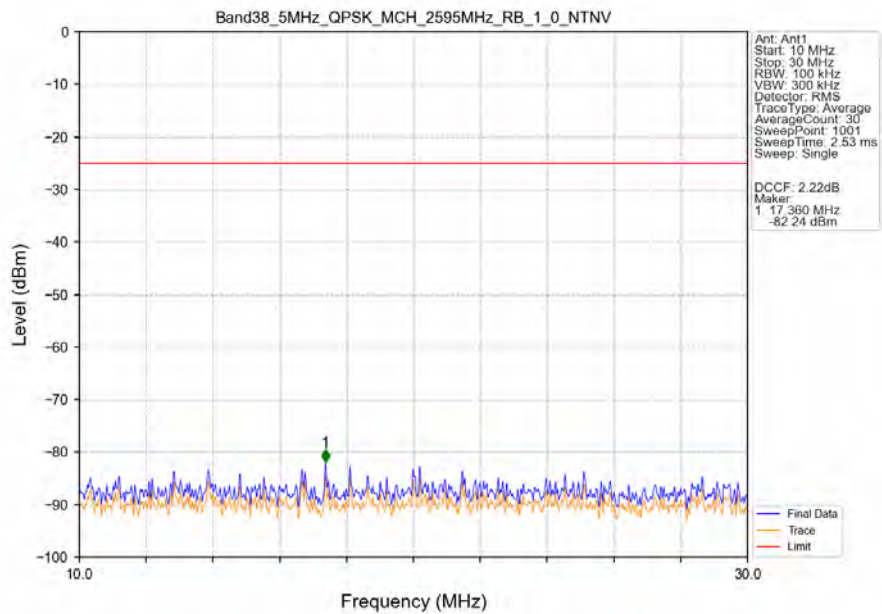
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



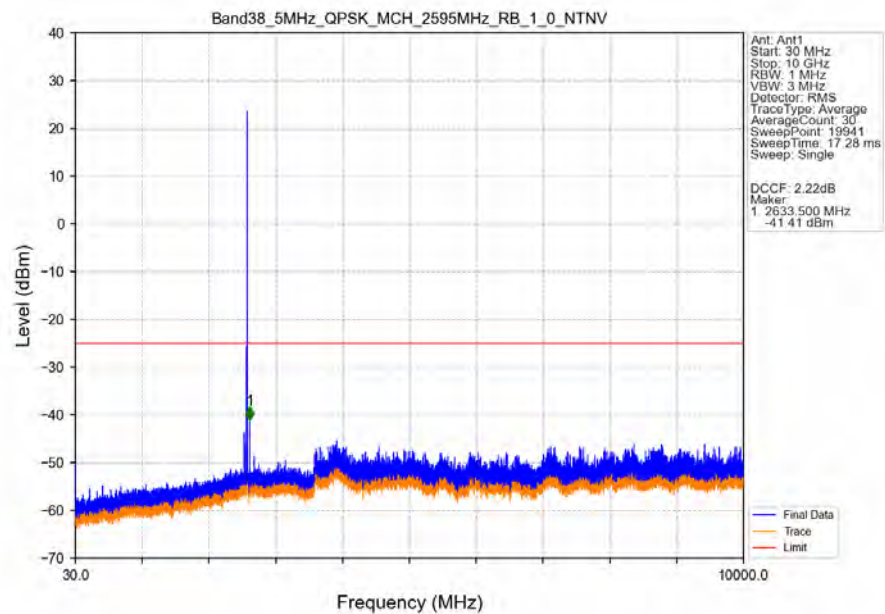
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



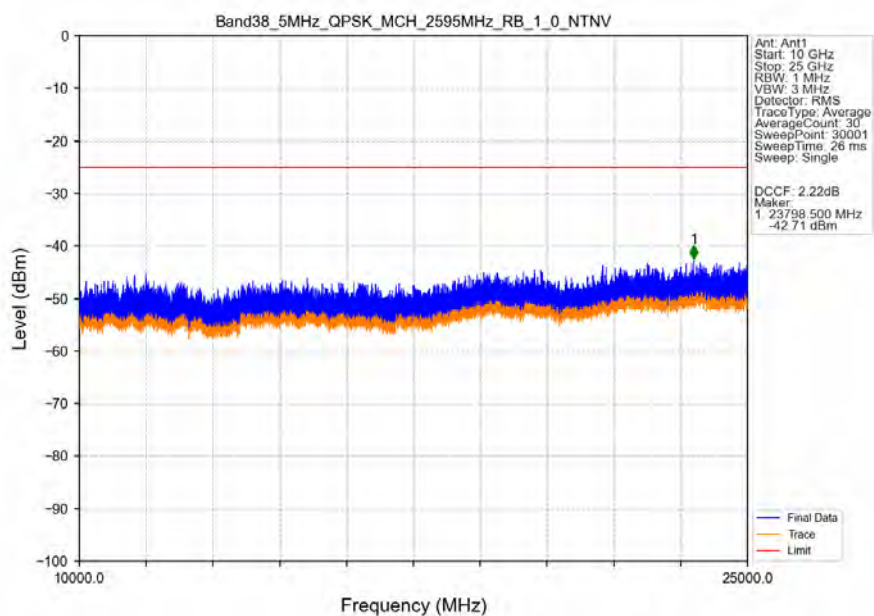
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



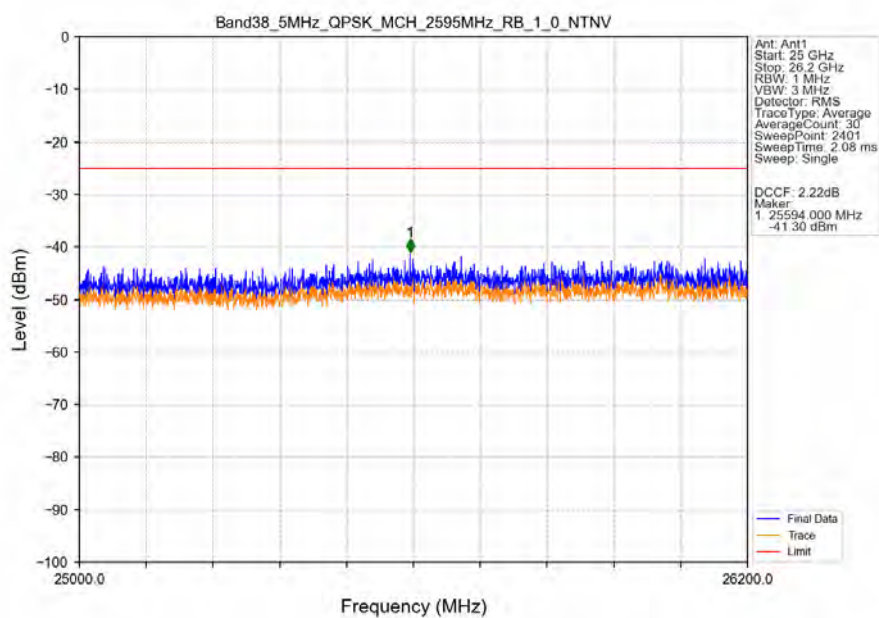
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



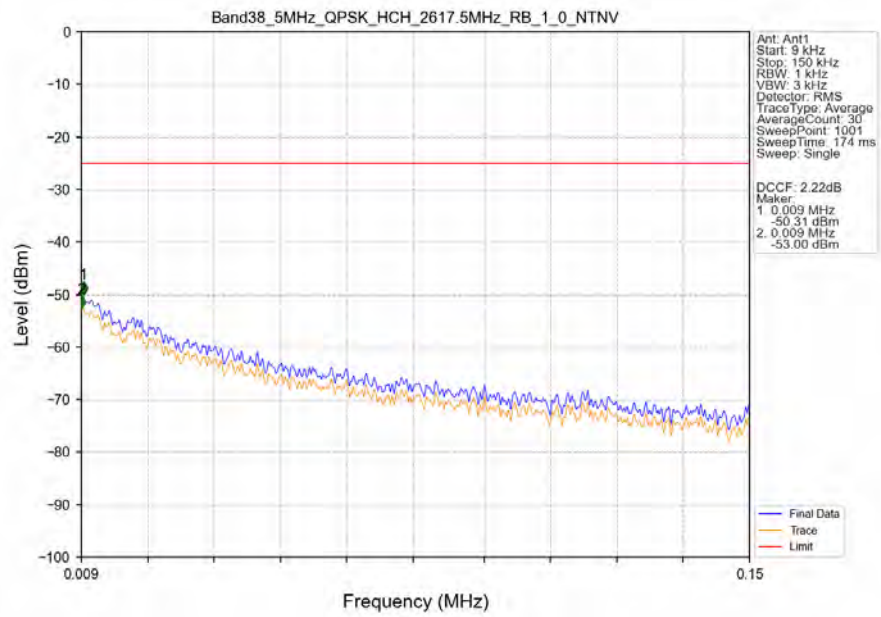
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



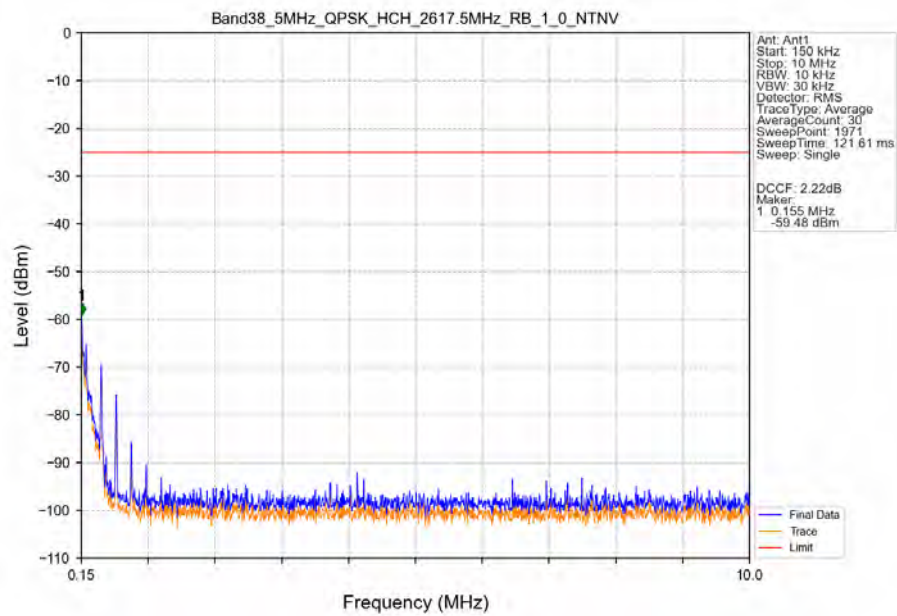
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



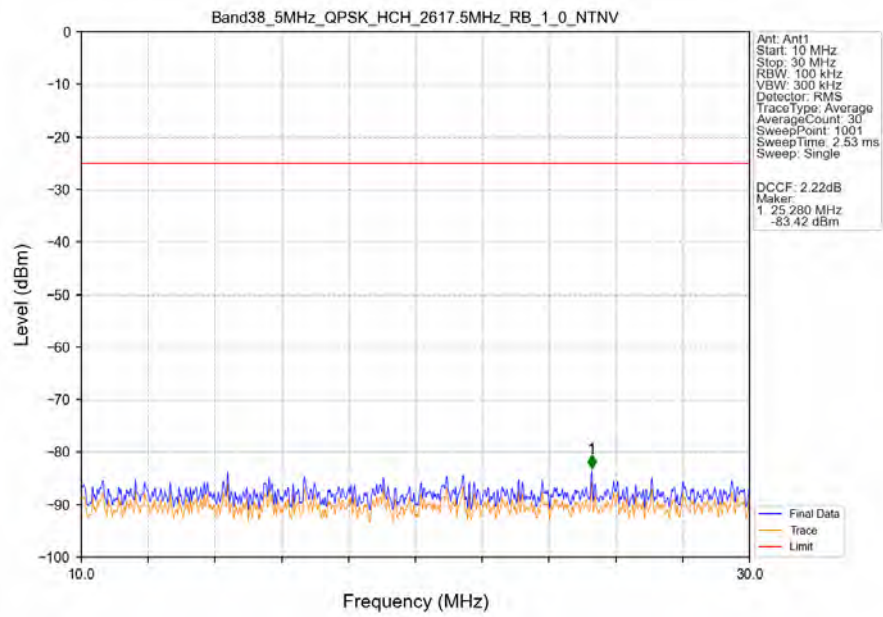
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



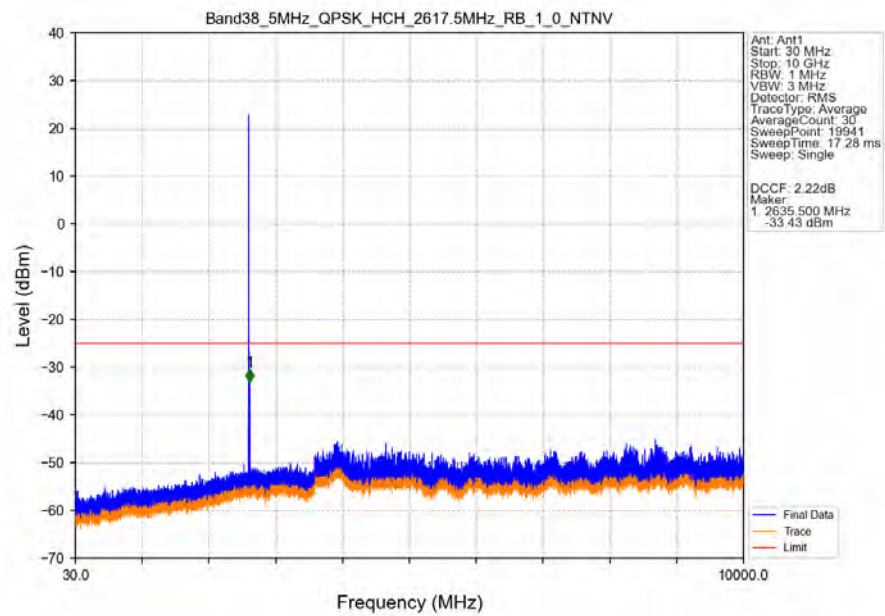
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



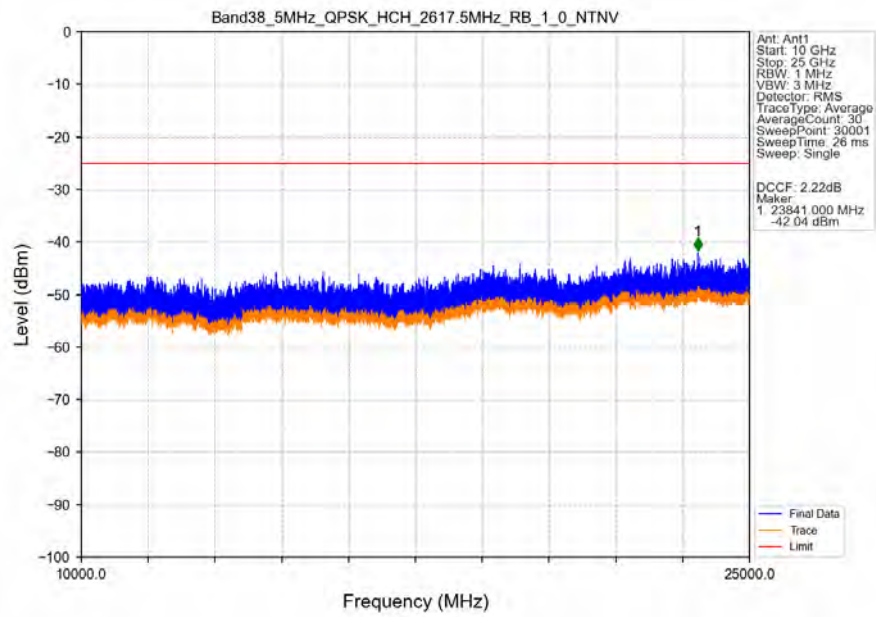
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



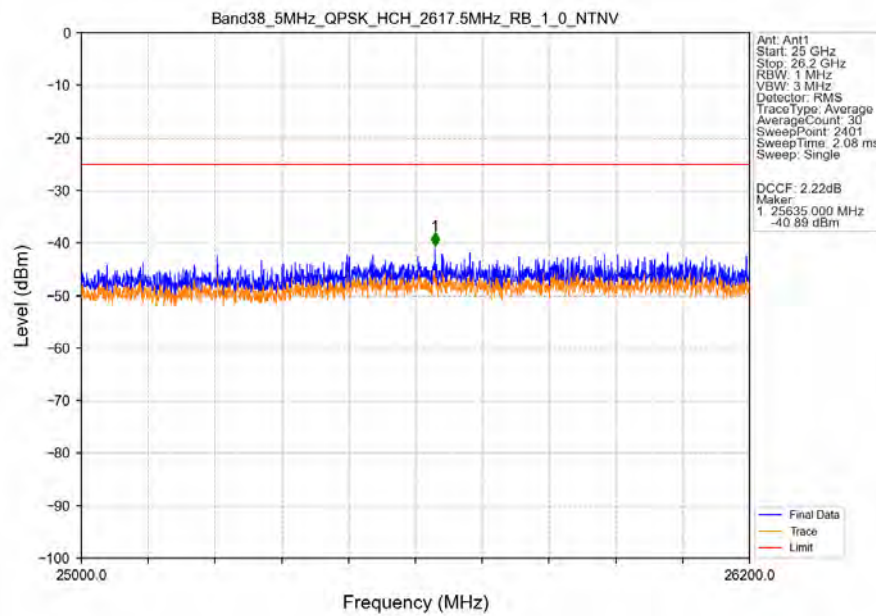
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



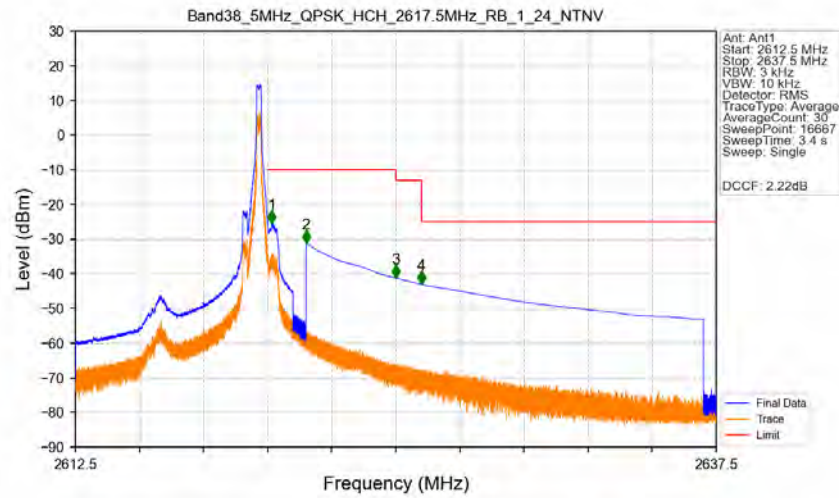
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV

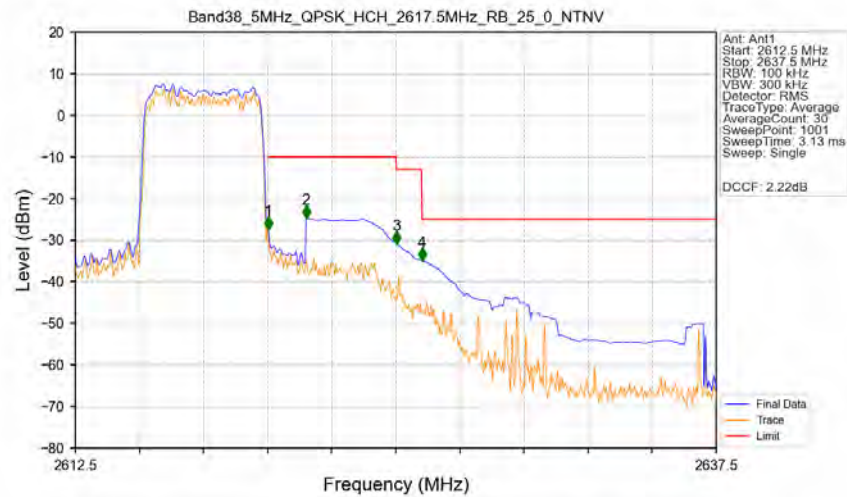


Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTNV



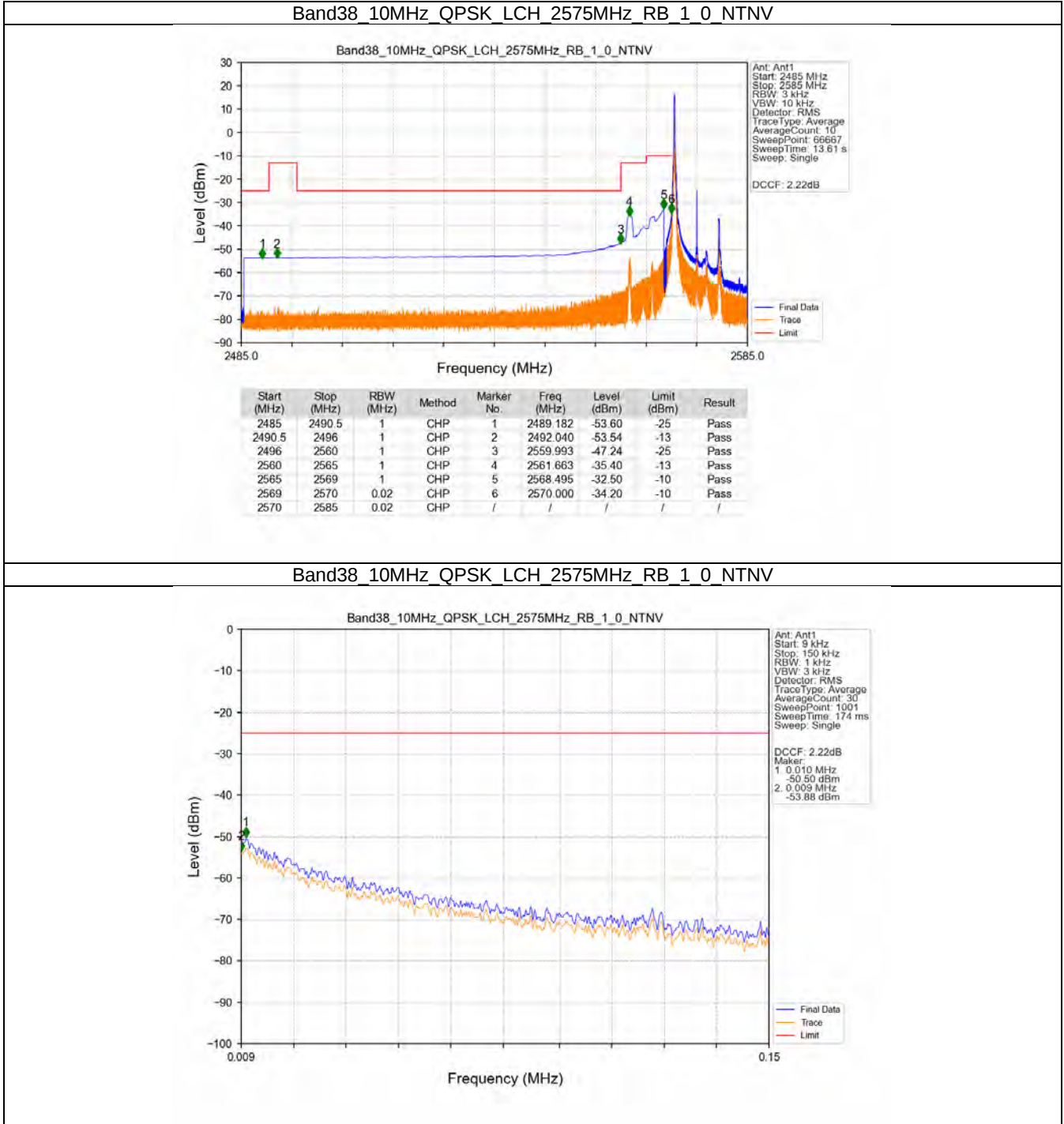
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2612.5	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.168	-25.39	-10	Pass
2621	2625	1	CHP	2	2621.500	-31.08	-10	Pass
2625	2626	1	CHP	3	2625.001	-41.28	-13	Pass
2626	2637.5	1	CHP	4	2626.001	-43.03	-25	Pass

Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV

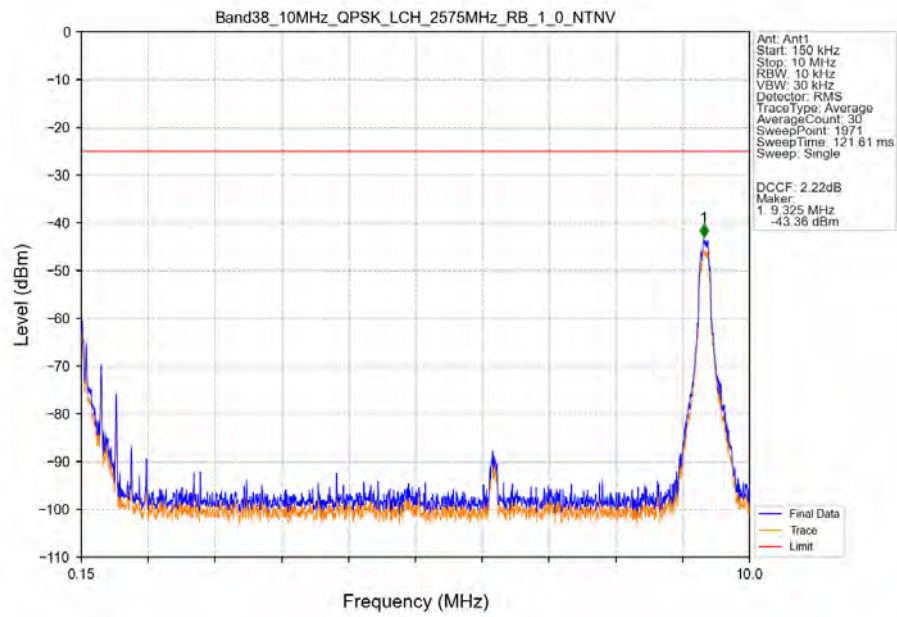


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2612.5	2620	0.111	CHP	/	/	/	/	/
2620	2621	0.111	CHP	1	2620.025	-27.52	-10	Pass
2621	2625	1	CHP	2	2621.500	-24.68	-10	Pass
2625	2626	1	CHP	3	2625.025	-30.89	-13	Pass
2626	2637.5	1	CHP	4	2626.025	-34.93	-25	Pass

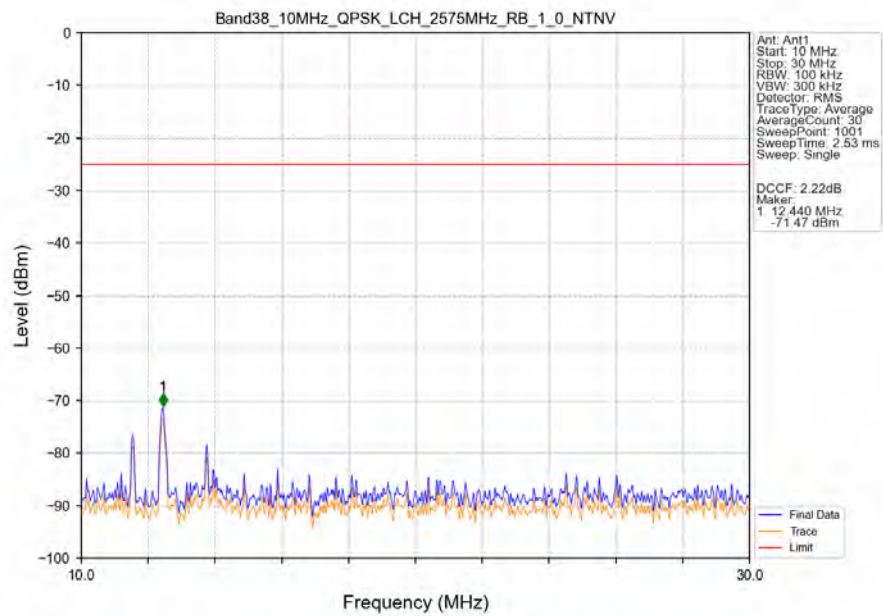
5.2.2 B38_10MHz



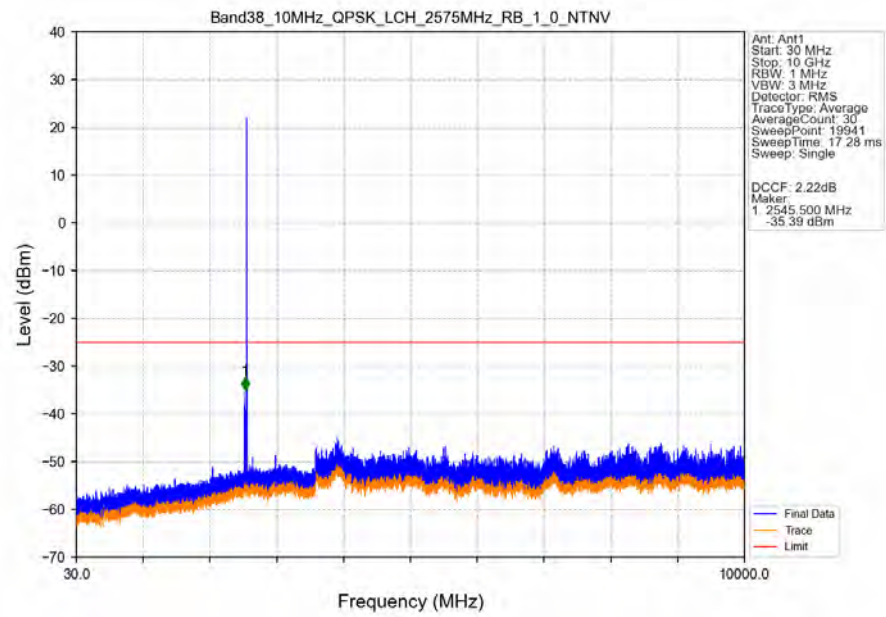
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



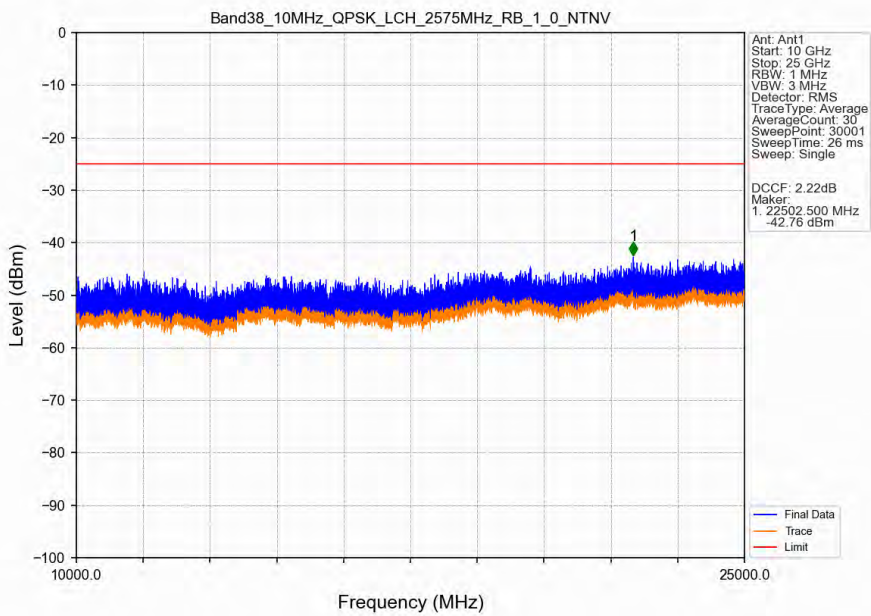
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



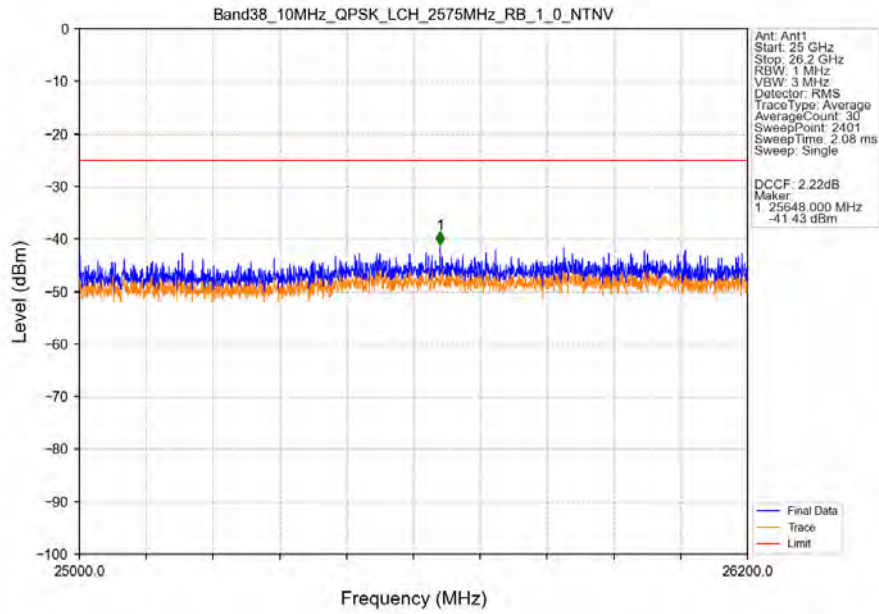
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



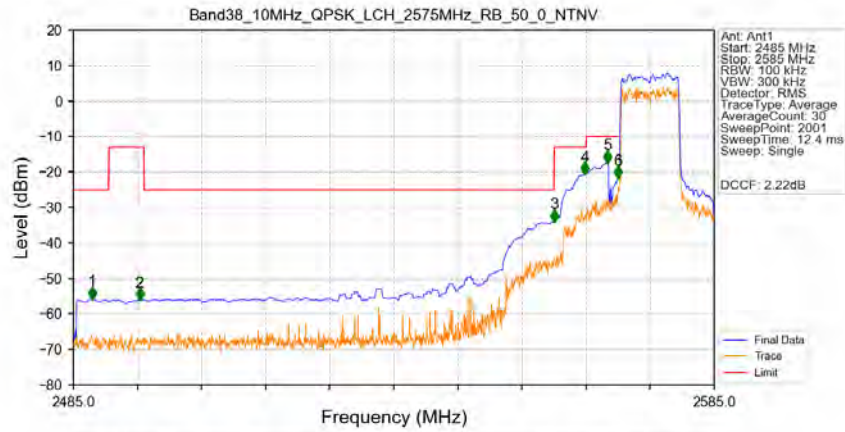
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

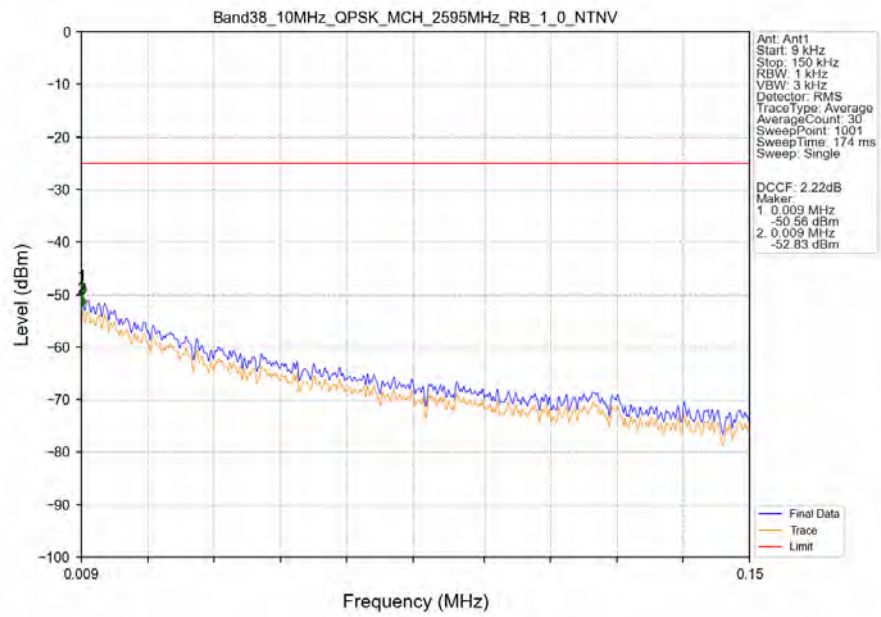


Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV

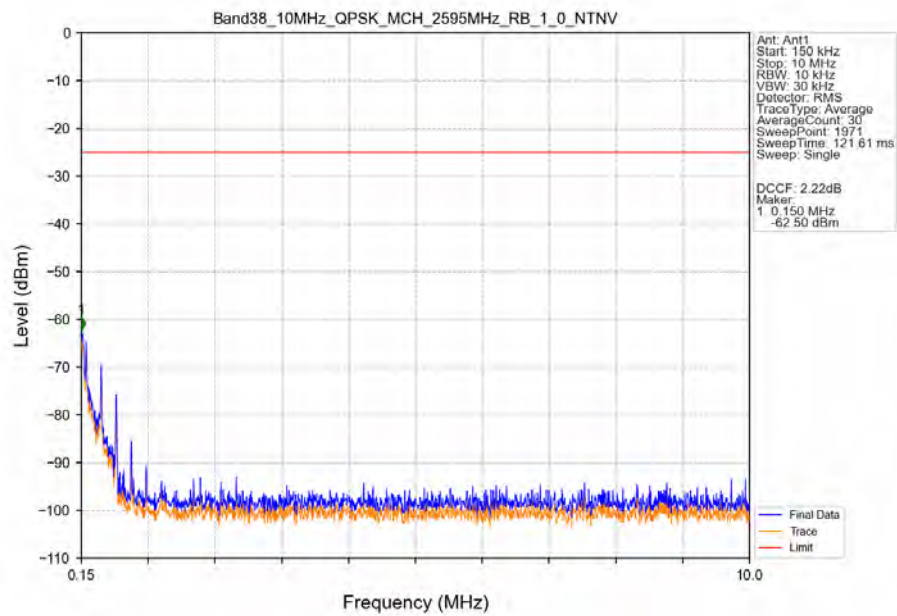


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.900	-55.65	-25	Pass
2490.5	2496	1	CHP	2	2495.350	-55.97	-13	Pass
2496	2560	1	CHP	3	2560.000	-33.86	-25	Pass
2560	2565	1	CHP	4	2564.800	-20.43	-13	Pass
2565	2569	1	CHP	5	2568.350	-17.18	-10	Pass
2569	2570	0.201	CHP	6	2569.950	-21.50	-10	Pass
2570	2585	0.201	CHP	/	/	/	/	/

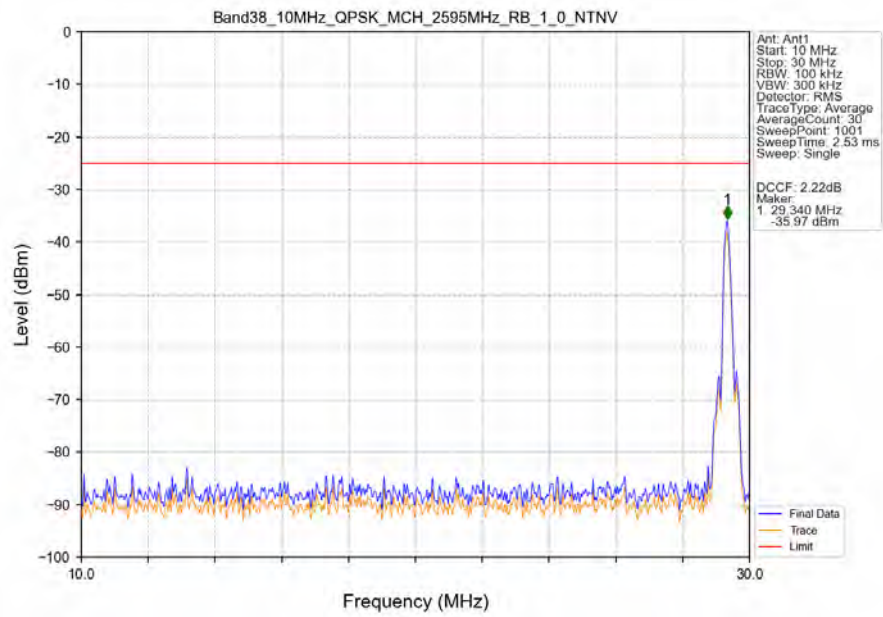
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



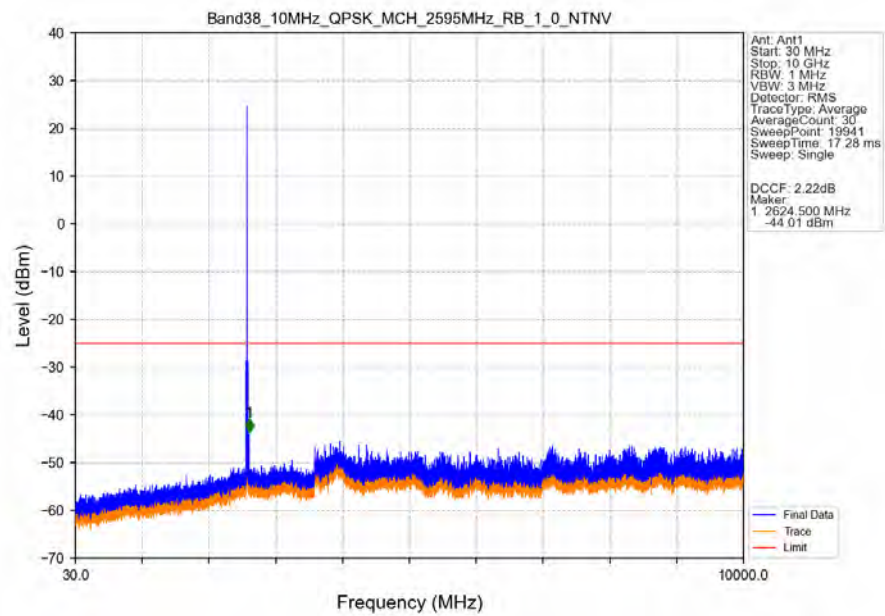
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



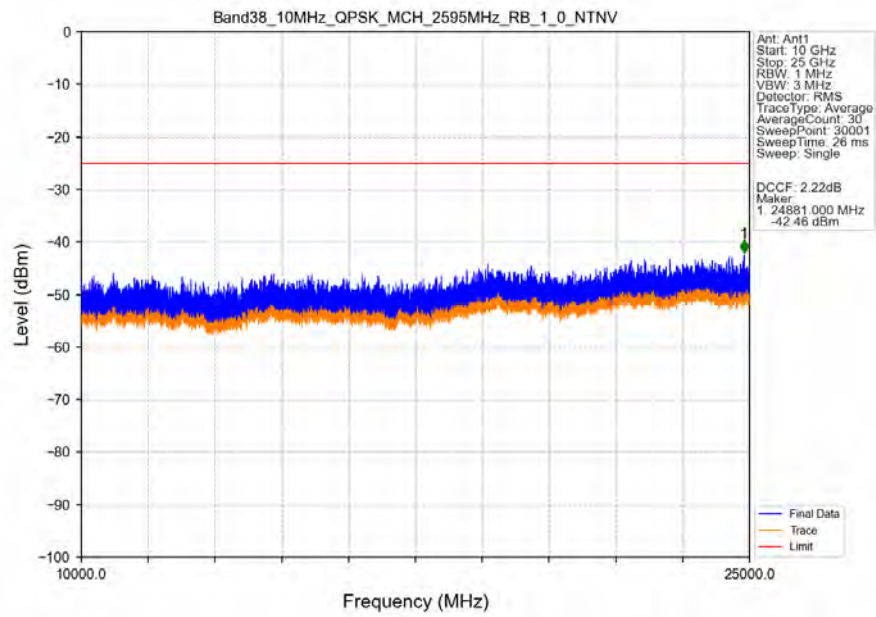
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



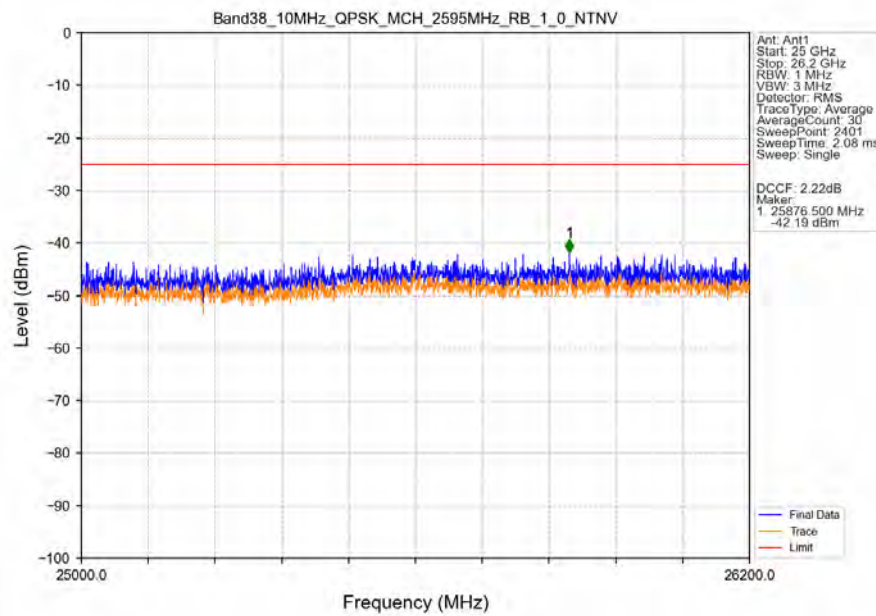
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



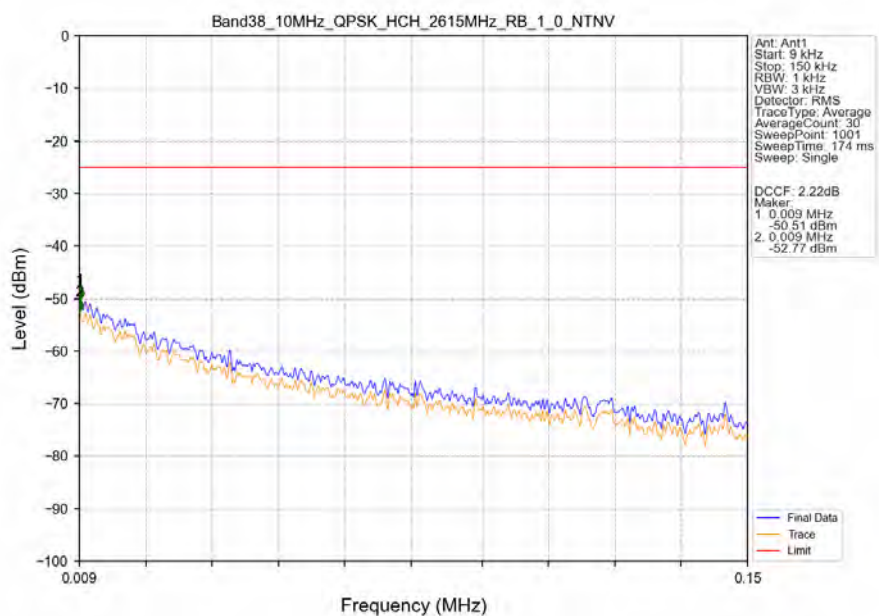
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



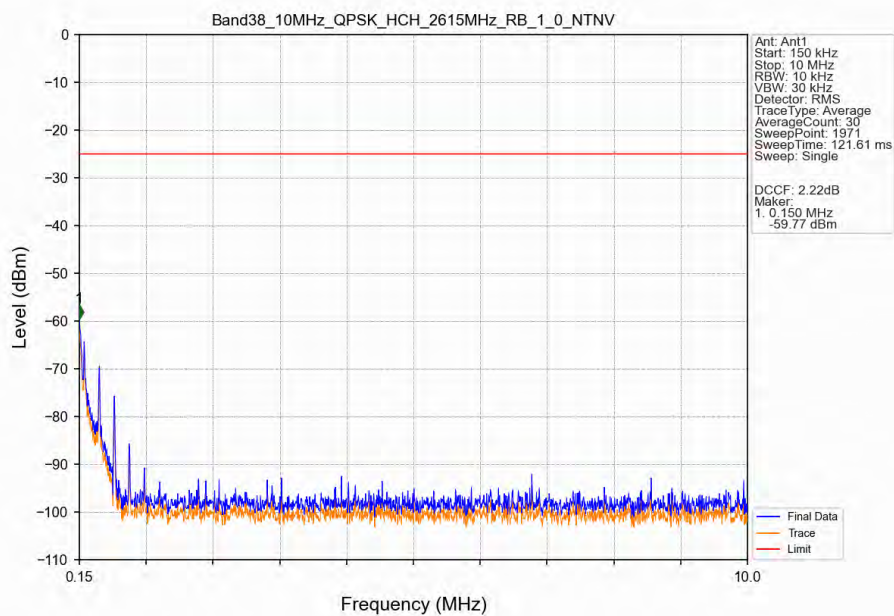
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



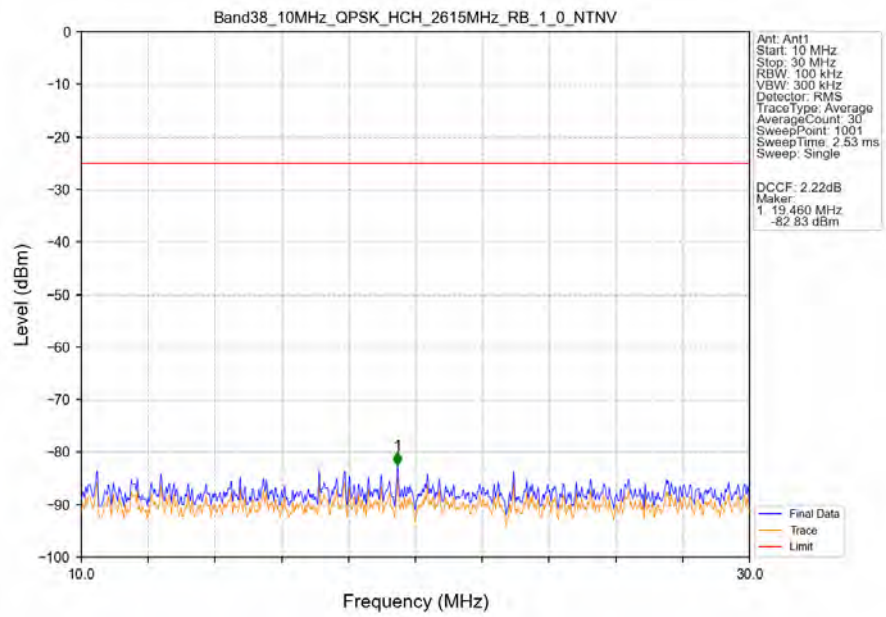
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



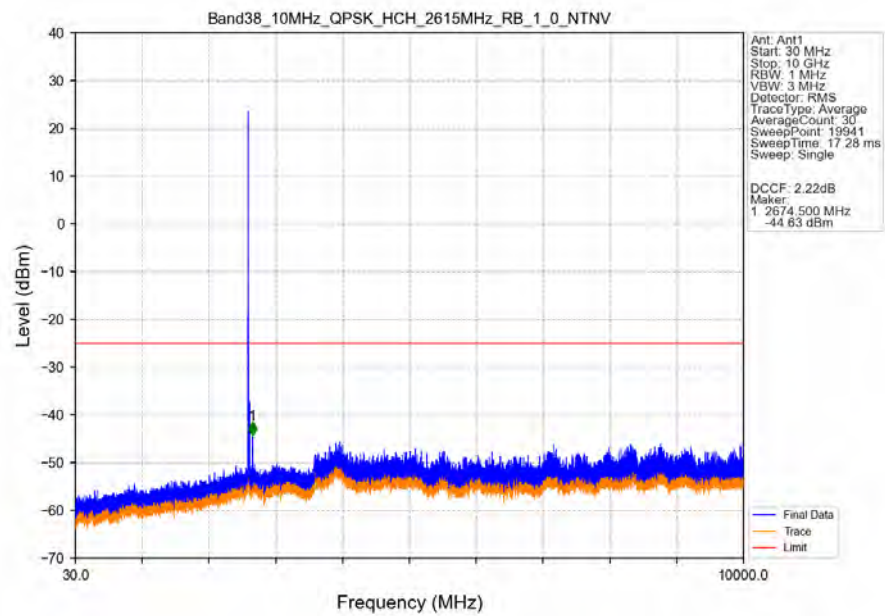
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



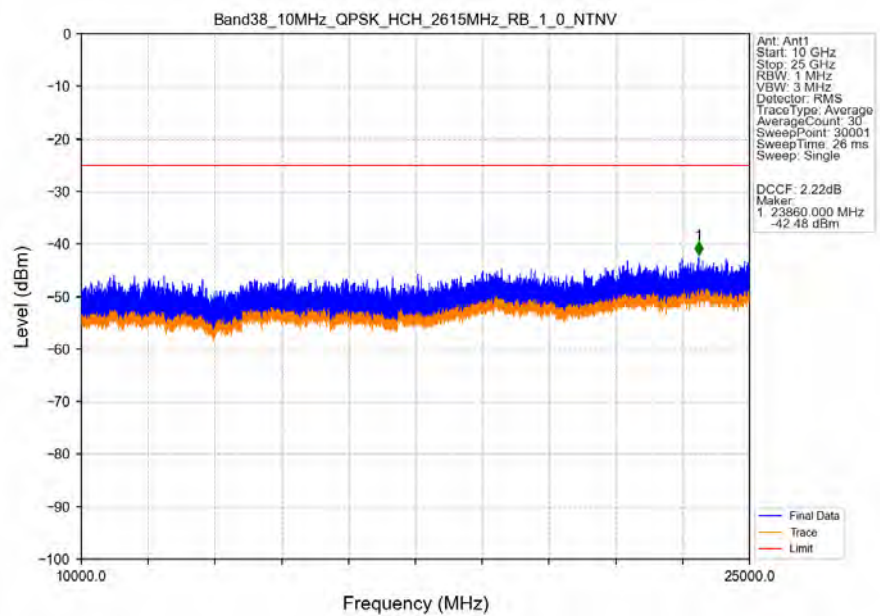
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



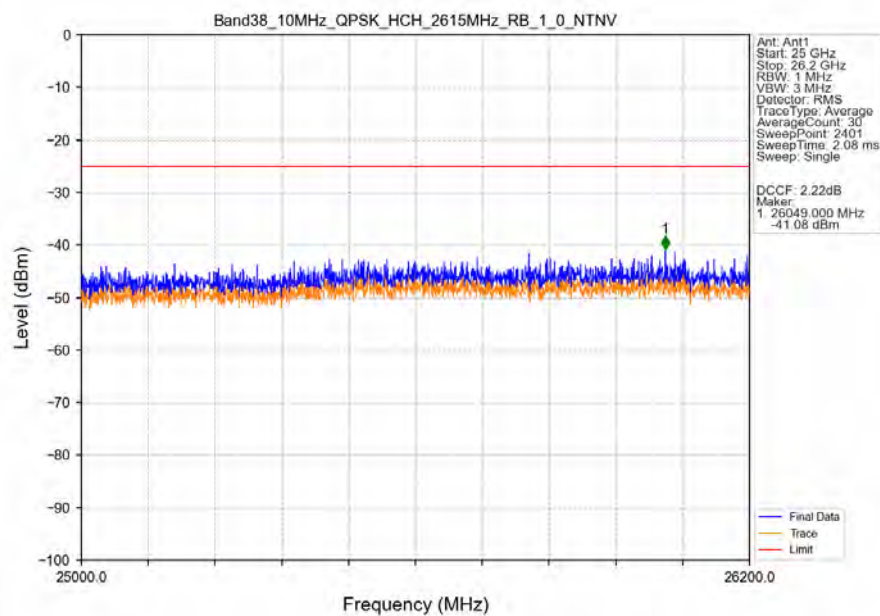
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



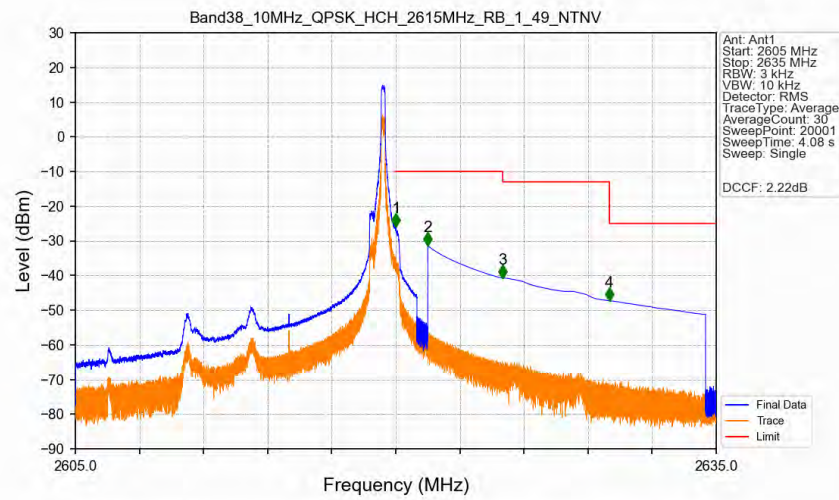
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV

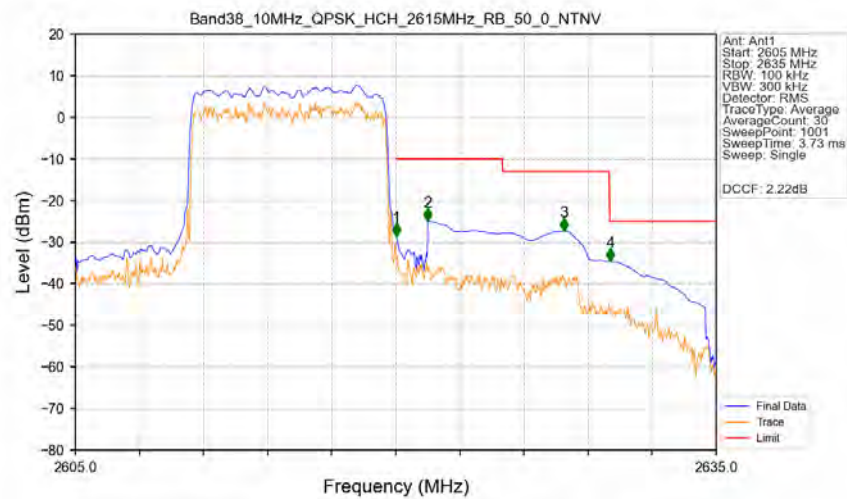


Band38_10MHz_QPSK_HCH_2615MHz_RB_1_49_NTNV



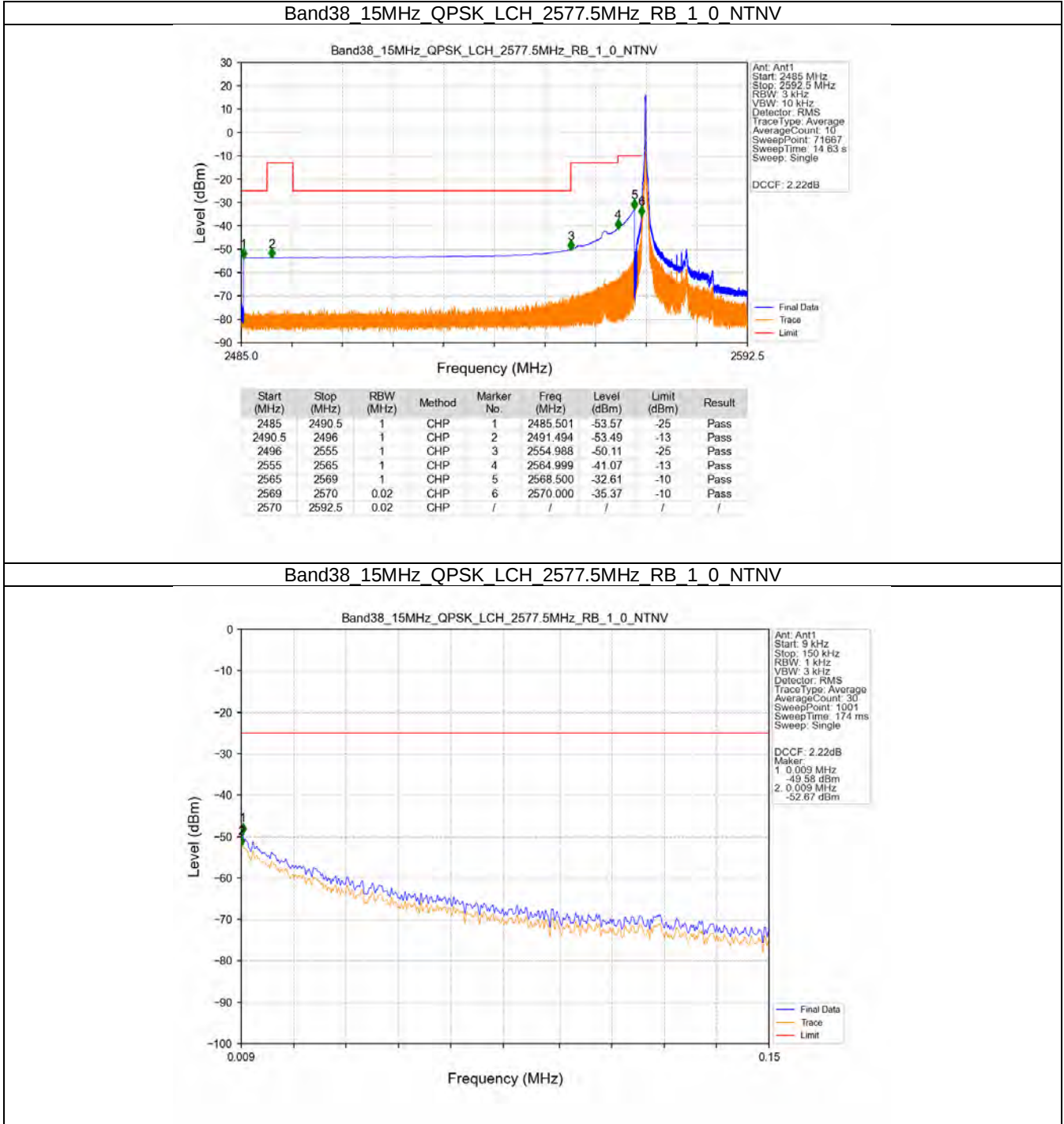
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.010	-25.92	-10	Pass
2621	2625	1	CHP	2	2621.500	-31.45	-10	Pass
2625	2630	1	CHP	3	2625.004	-40.72	-13	Pass
2630	2635	1	CHP	4	2630.001	-47.31	-25	Pass

Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV

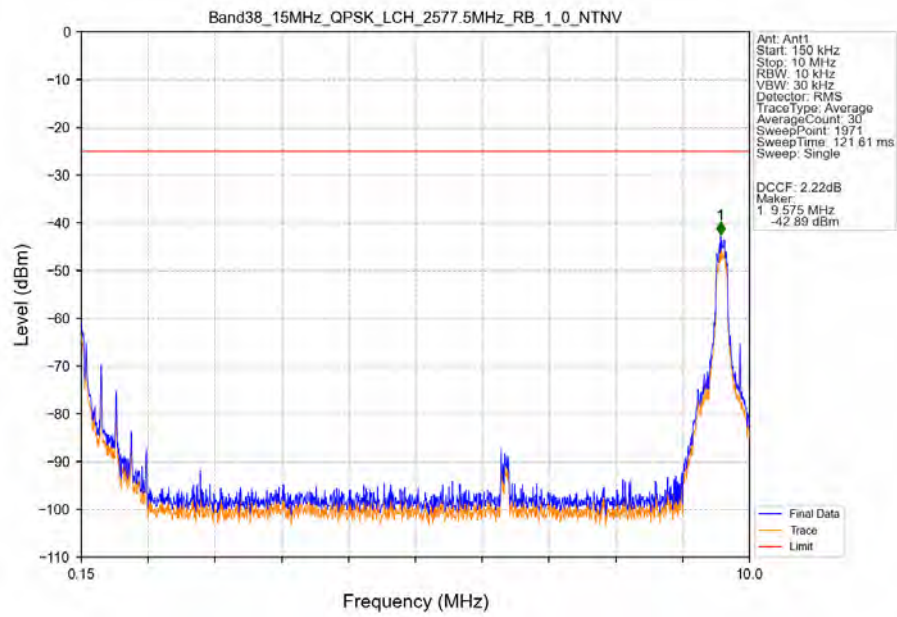


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.204	CHP	/	/	/	/	/
2620	2621	0.204	CHP	1	2620.030	-28.53	-10	Pass
2621	2625	1	CHP	2	2621.500	-25.01	-10	Pass
2625	2630	1	CHP	3	2627.860	-27.30	-13	Pass
2630	2635	1	CHP	4	2630.050	-34.64	-25	Pass

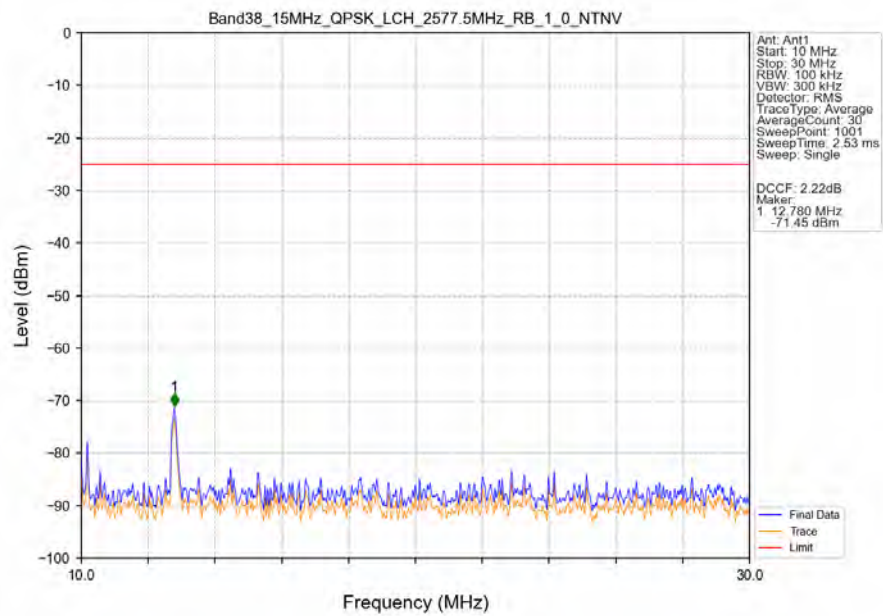
5.2.3 B38_15MHz



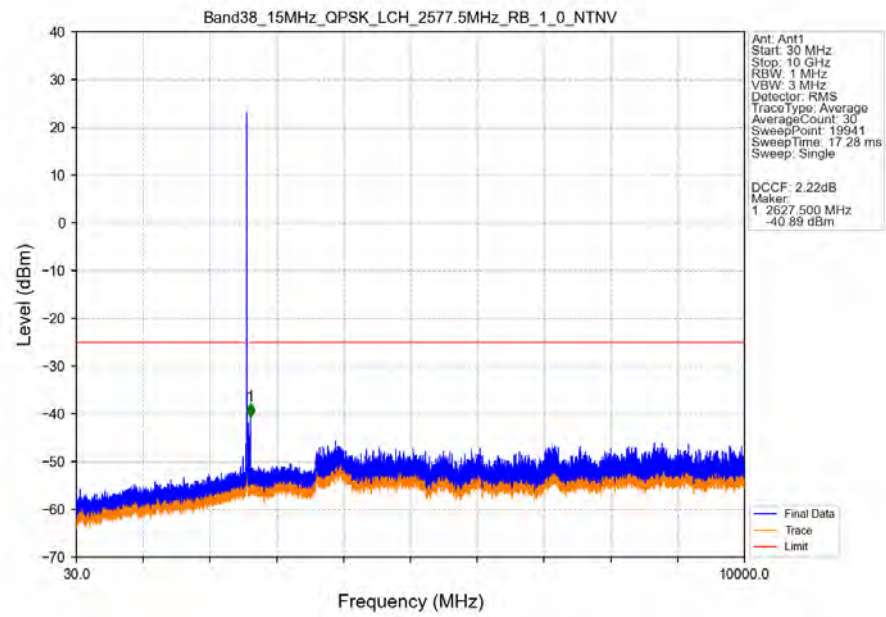
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



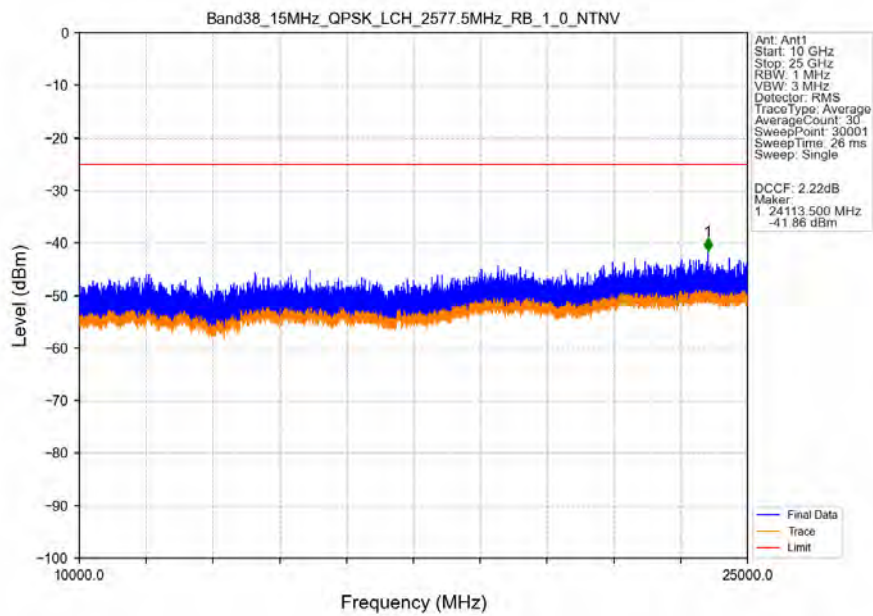
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



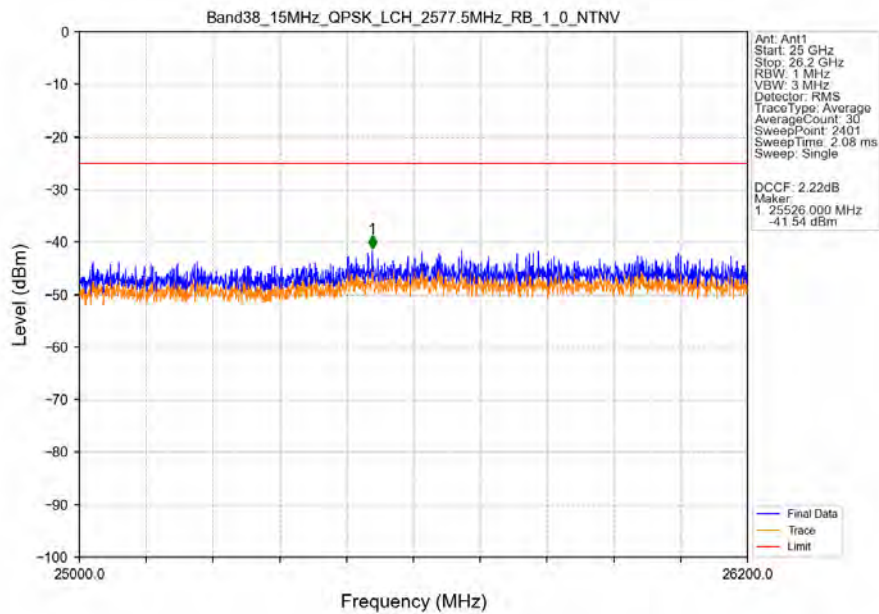
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



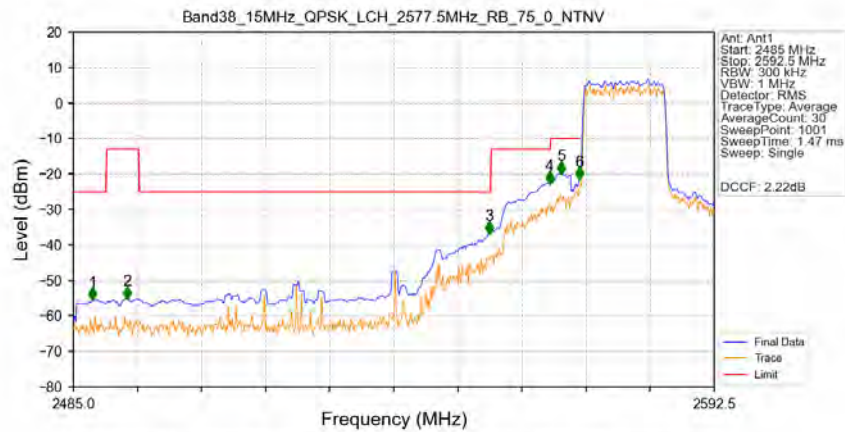
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

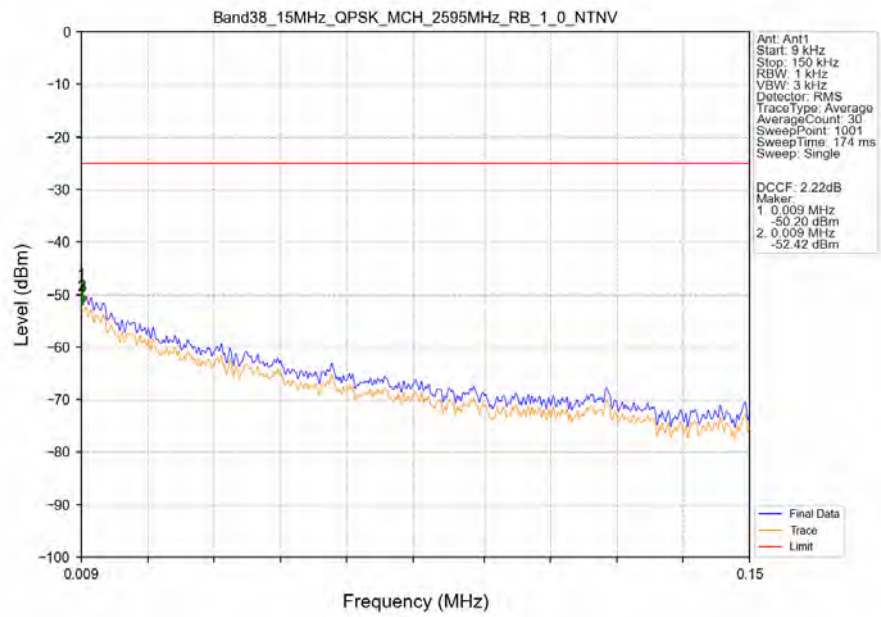


Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV

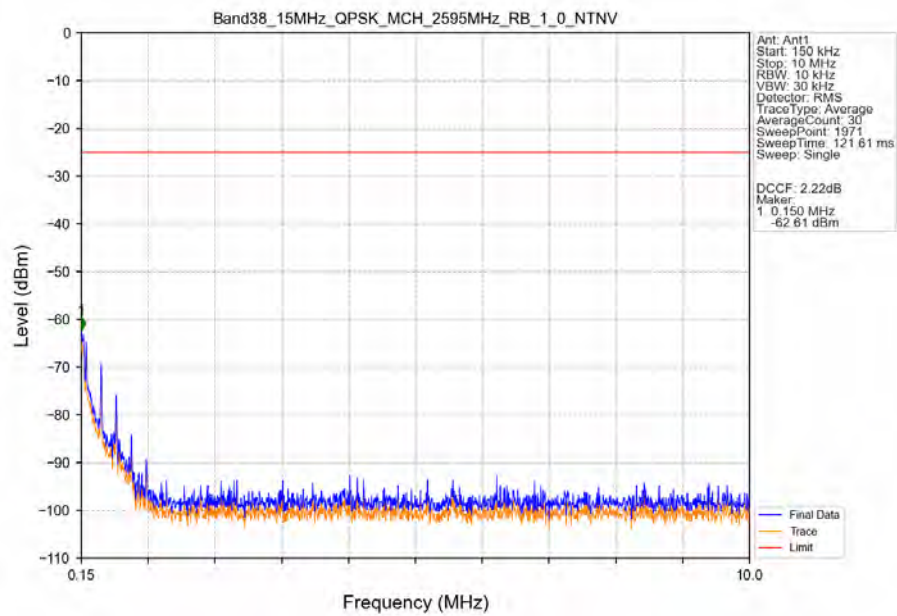


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.225	-55.36	-25	Pass
2490.5	2496	1	CHP	2	2494.030	-55.03	-13	Pass
2496	2555	1	CHP	3	2554.767	-36.66	-25	Pass
2555	2565	1	CHP	4	2564.872	-22.55	-13	Pass
2565	2569	1	CHP	5	2566.807	-19.76	-10	Pass
2569	2570	0.329	CHP	6	2569.925	-21.43	-10	Pass
2570	2592.5	0.329	CHP	/	/	/	/	/

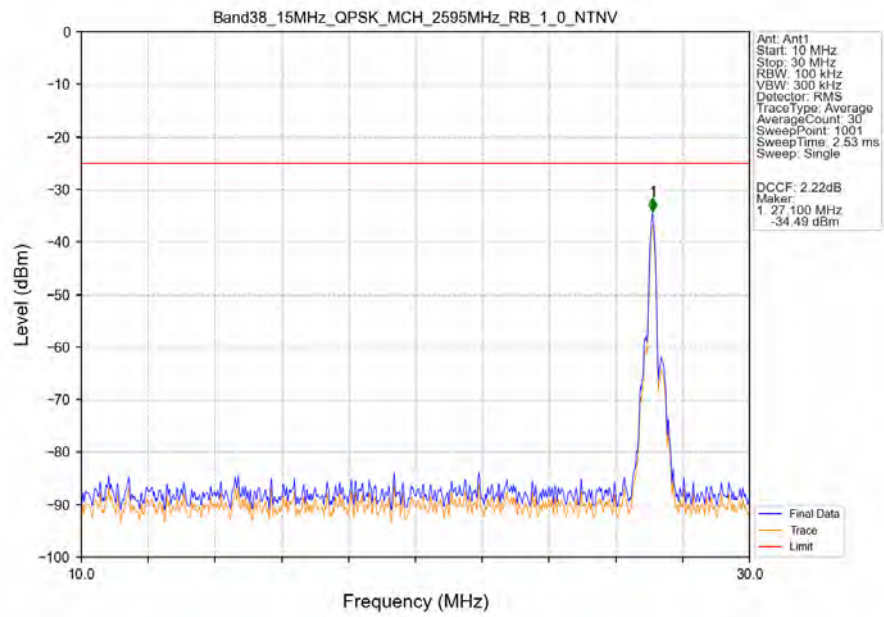
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



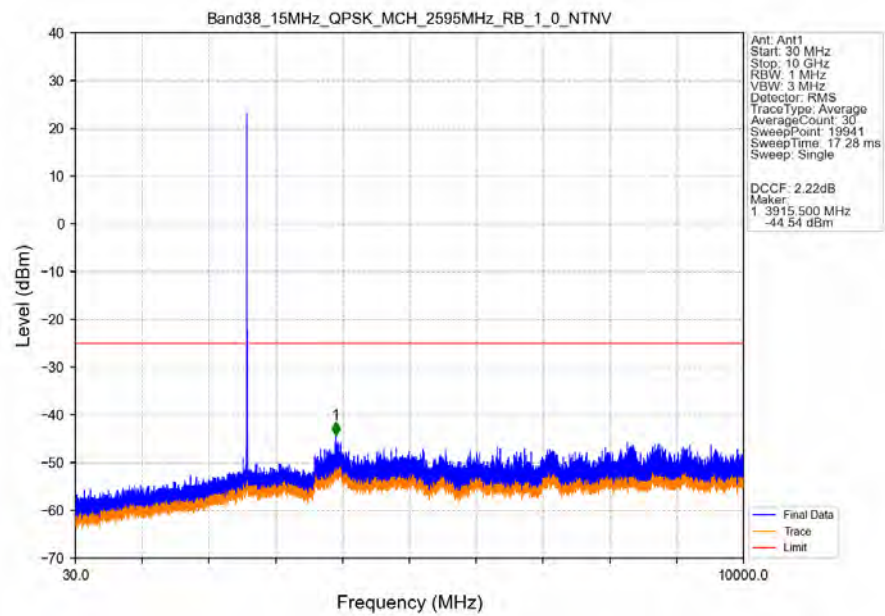
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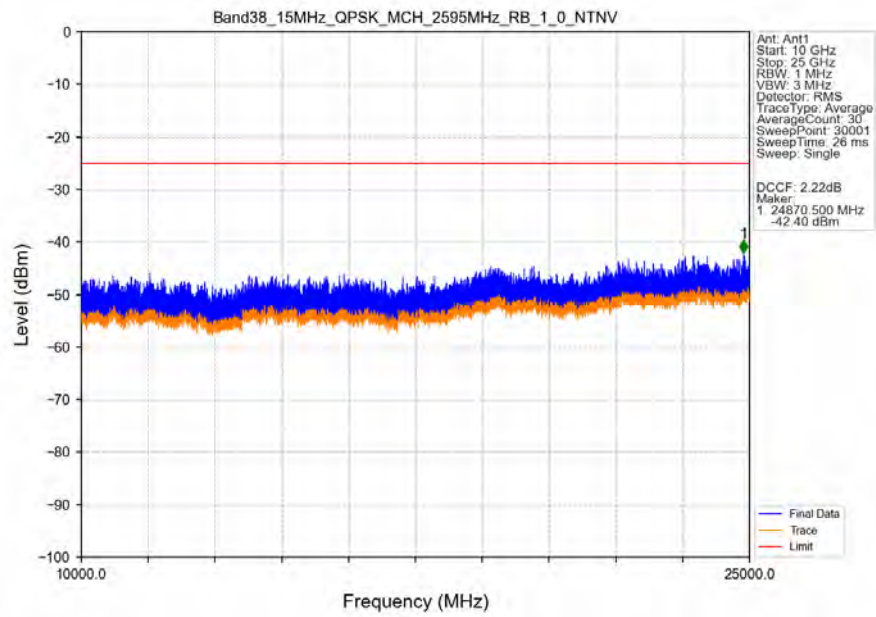
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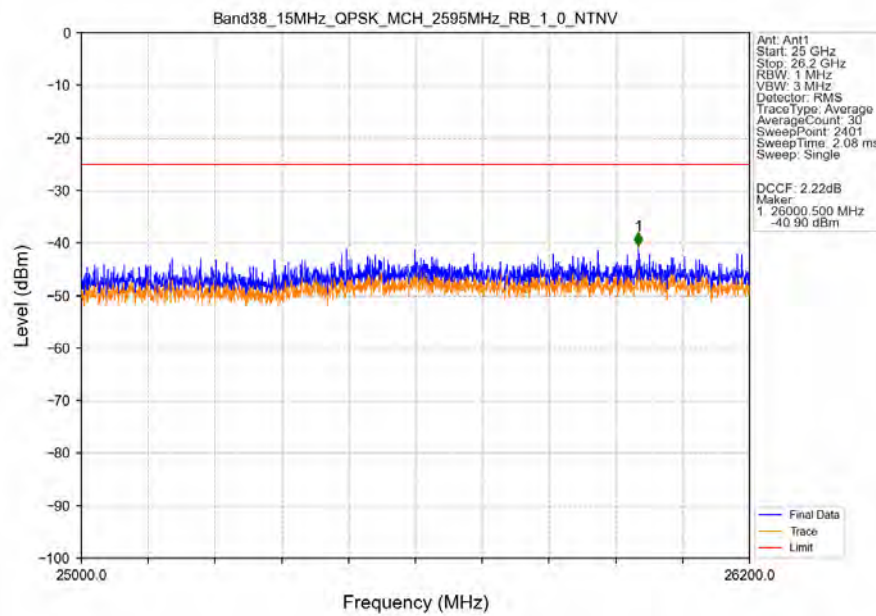
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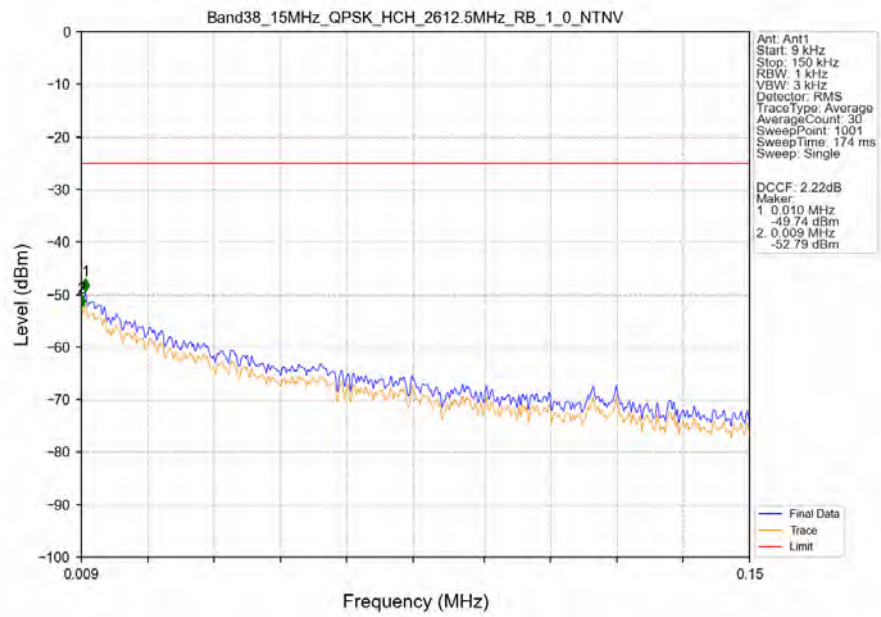
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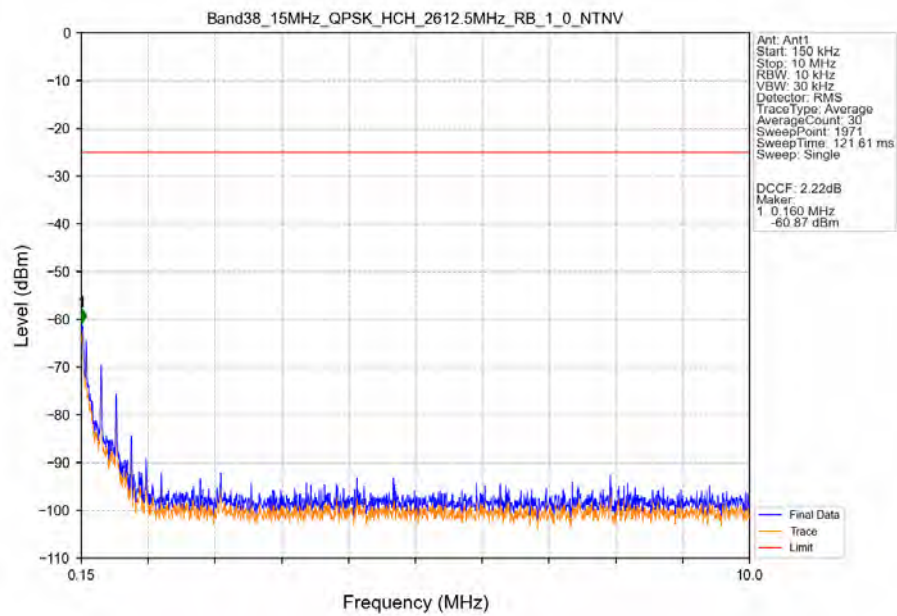
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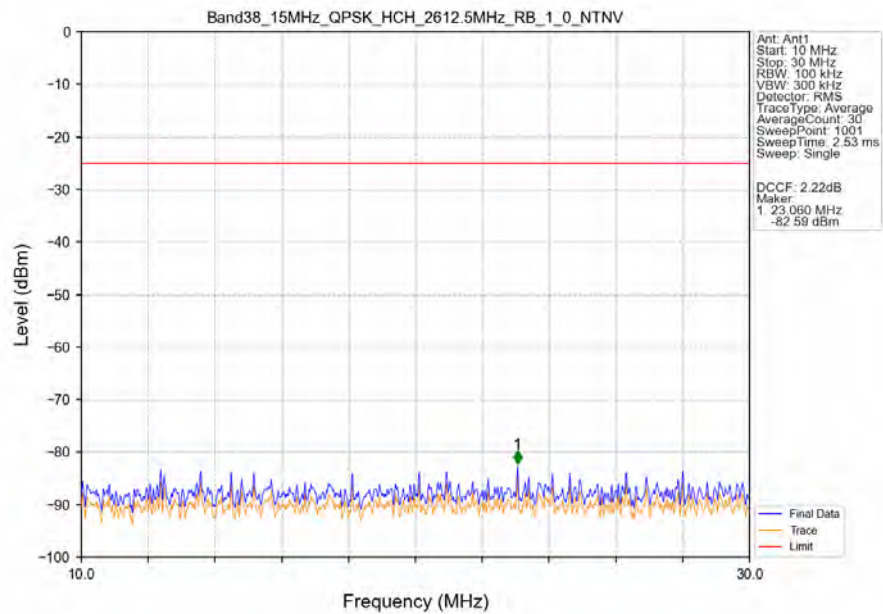
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



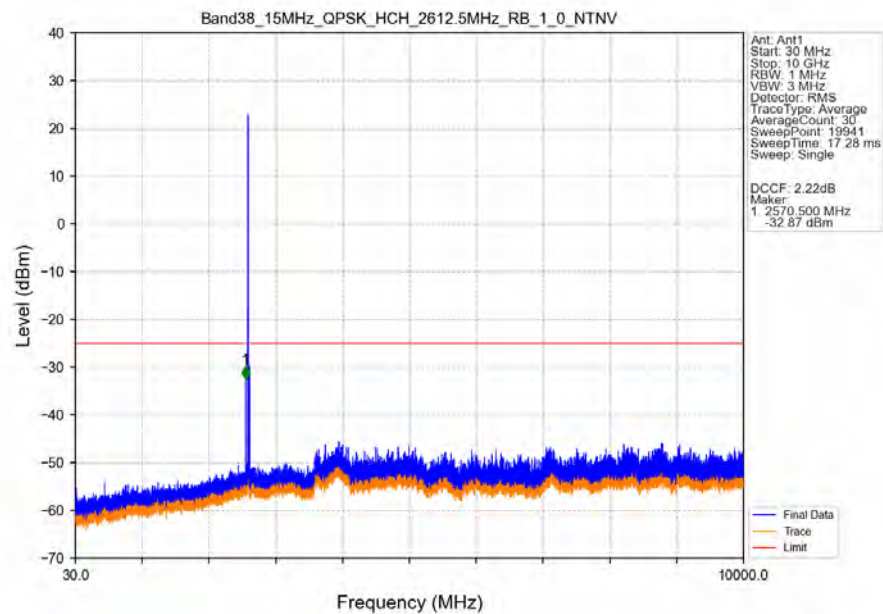
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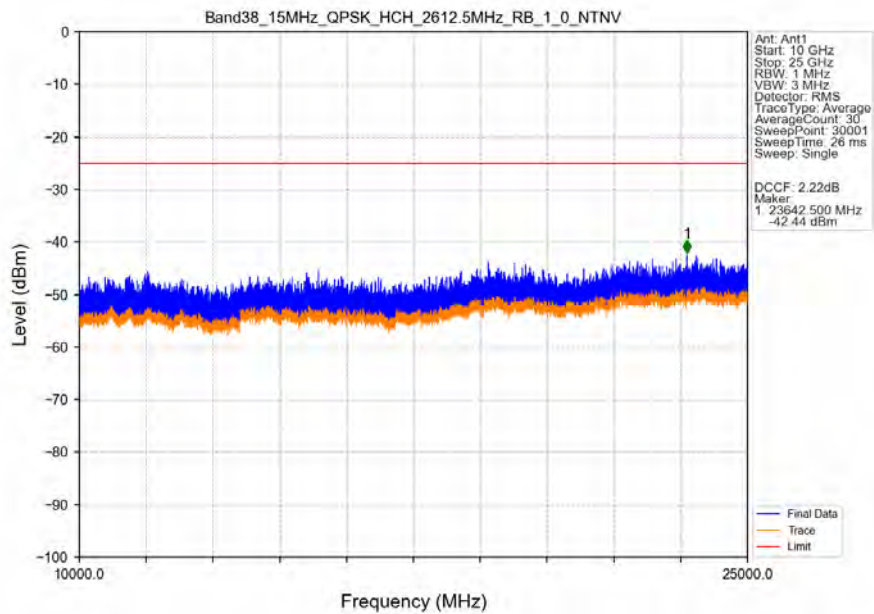
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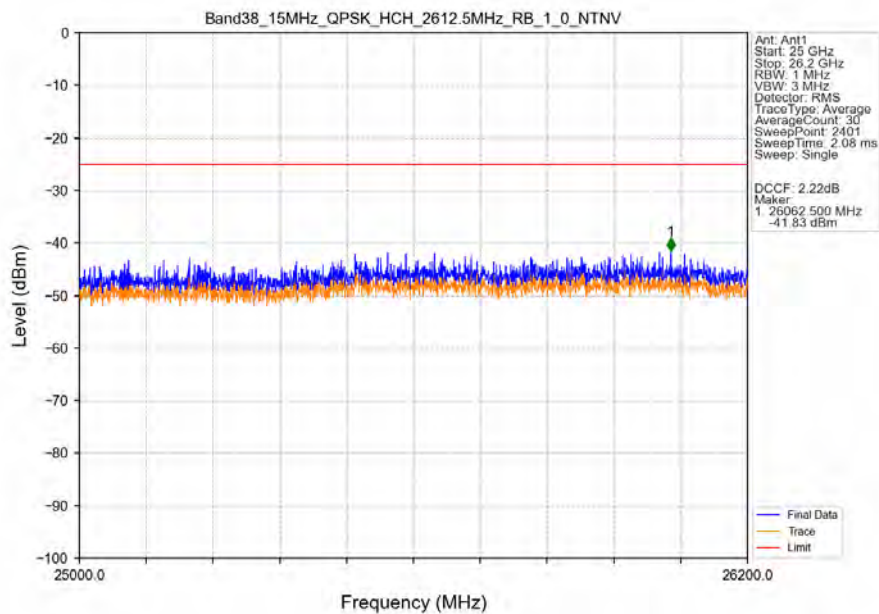
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



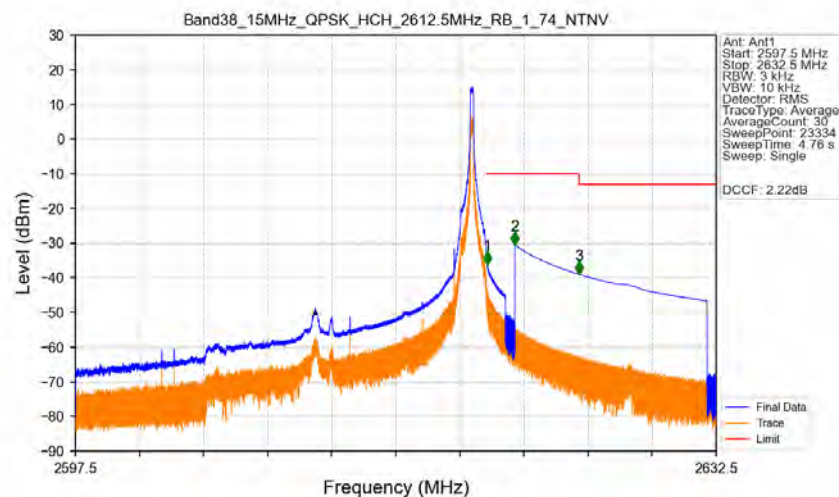
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV

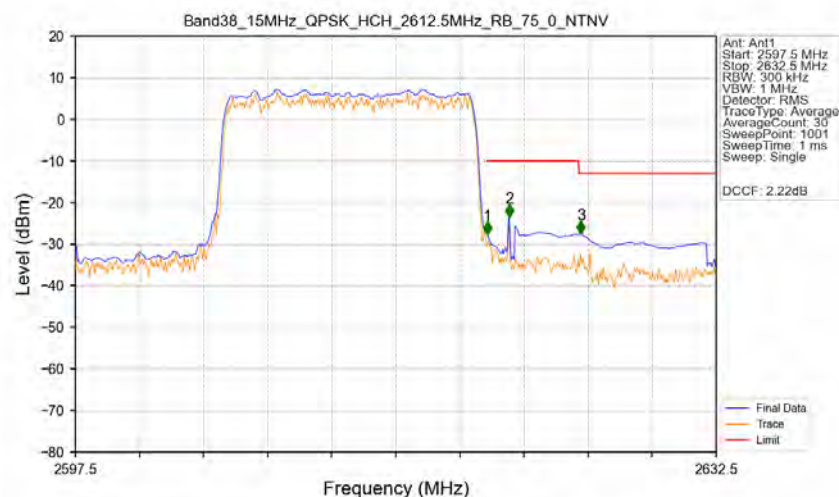


Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_74_NTNV



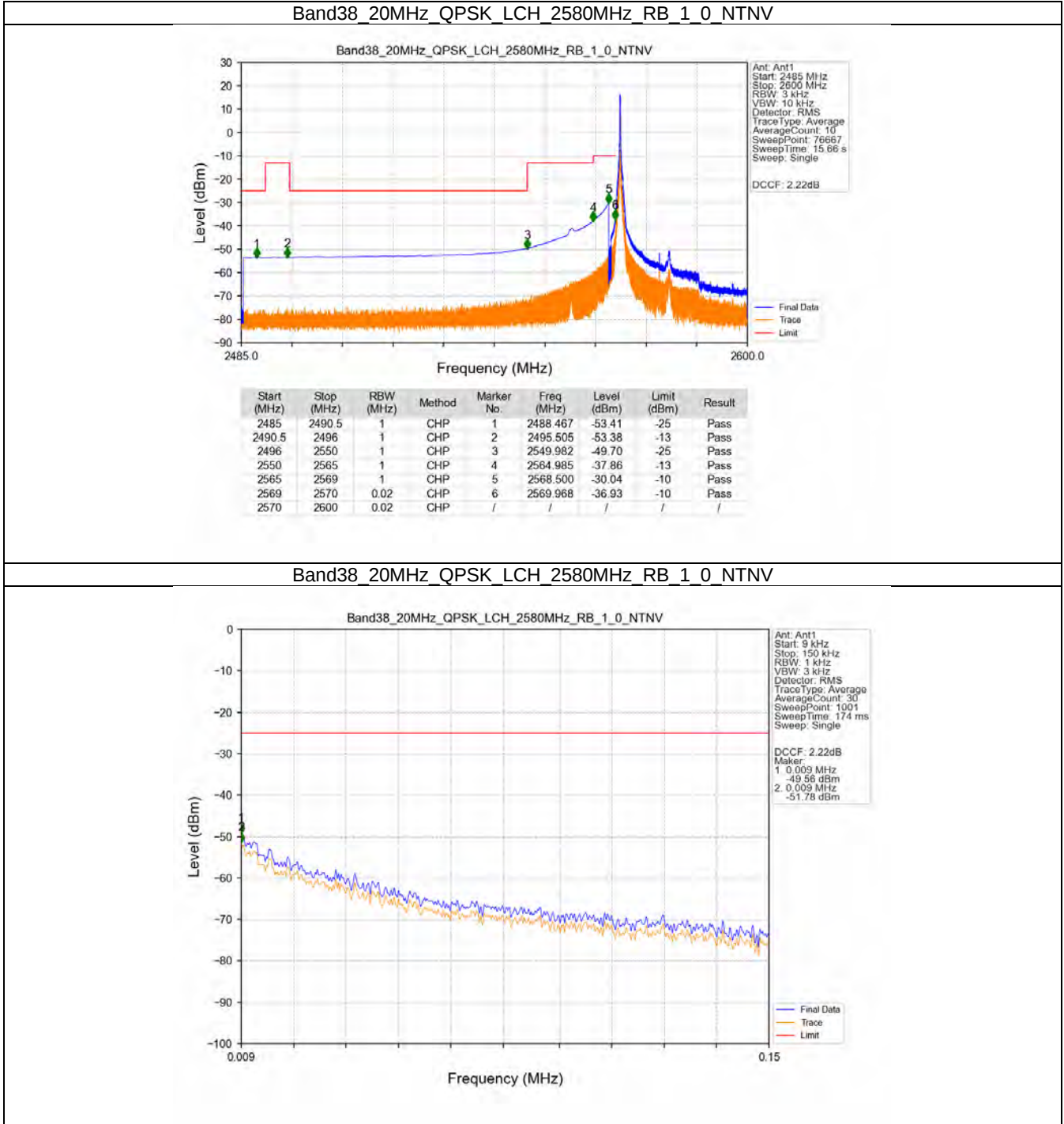
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-36.18	-10	Pass
2621	2625	1	CHP	2	2621.500	-30.41	-10	Pass
2625	2632.5	1	CHP	3	2625.006	-38.98	-13	Pass

Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV

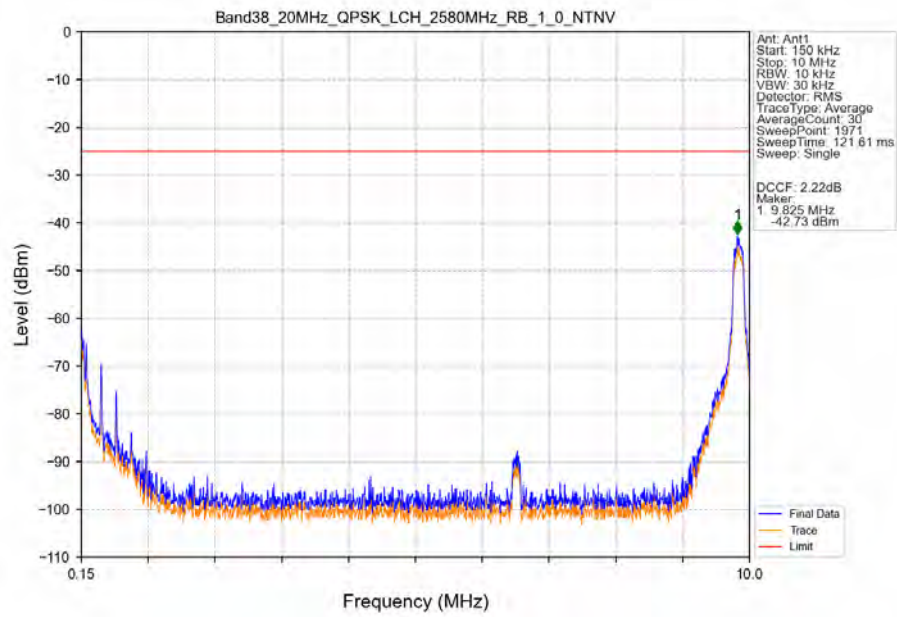


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.319	CHP	/	/	/	/	/
2620	2621	0.319	CHP	1	2620.005	-27.64	-10	Pass
2621	2625	1	CHP	2	2621.195	-23.43	-10	Pass
2625	2632.5	1	CHP	3	2625.115	-27.55	-13	Pass

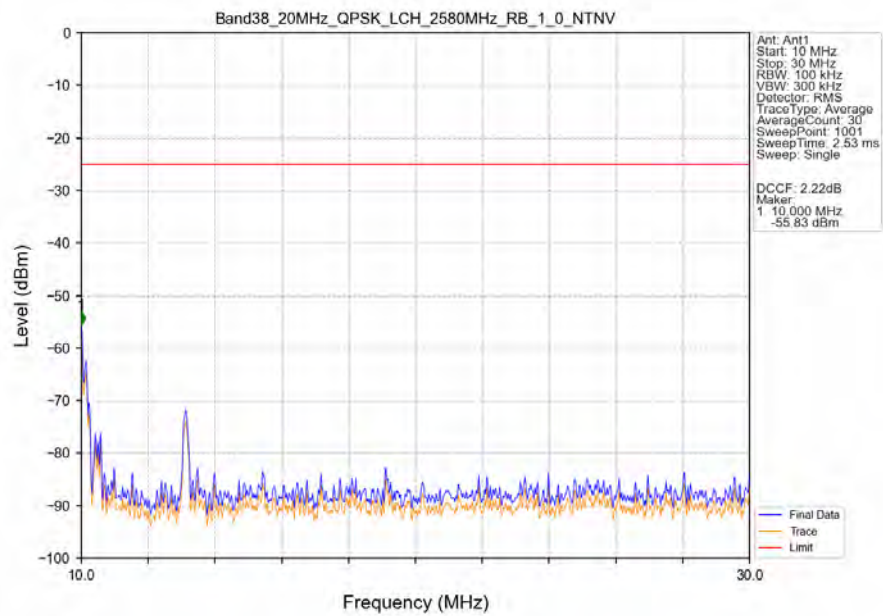
5.2.4 B38_20MHz



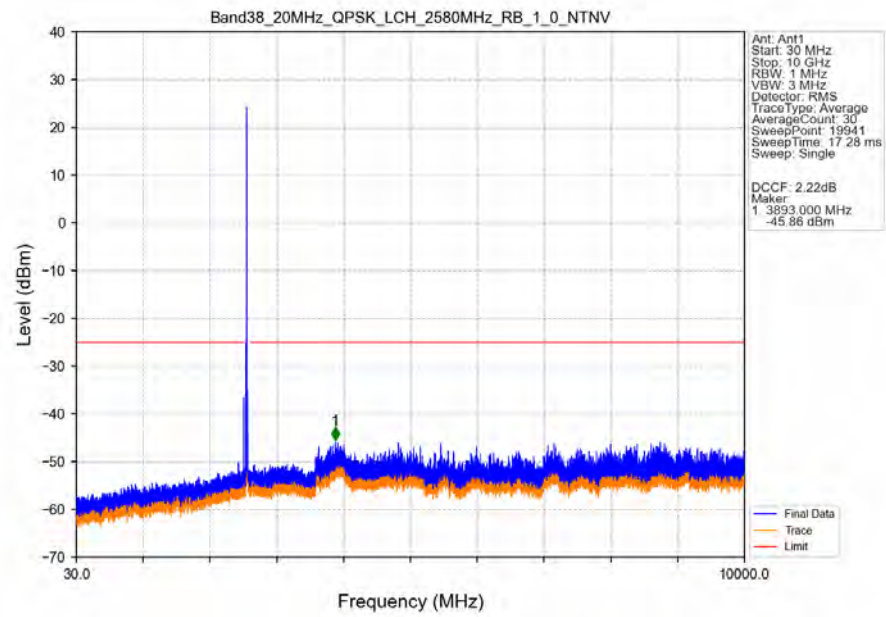
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



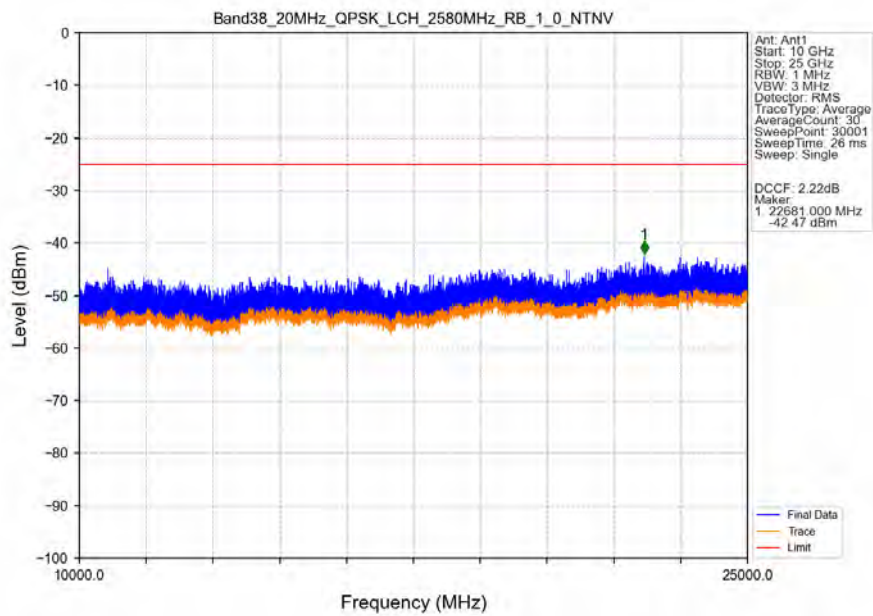
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



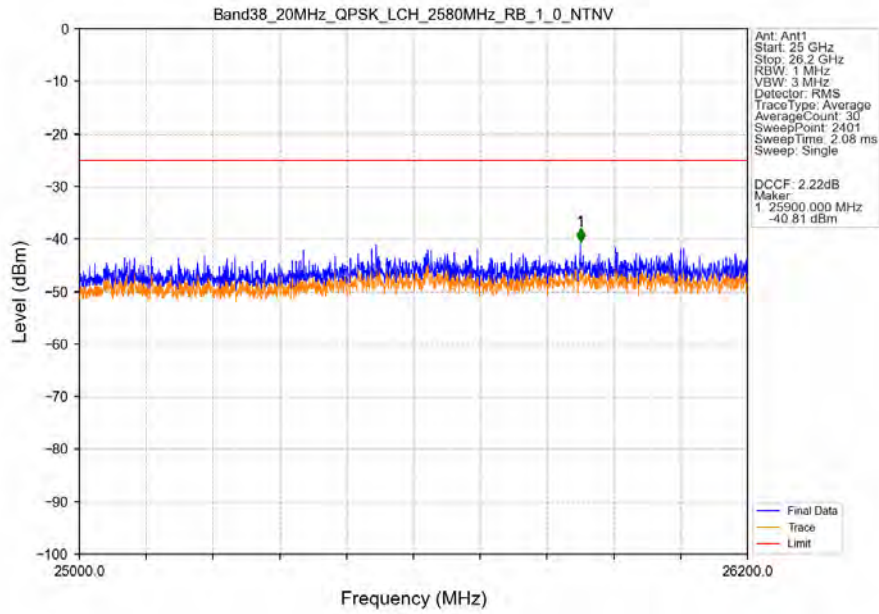
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



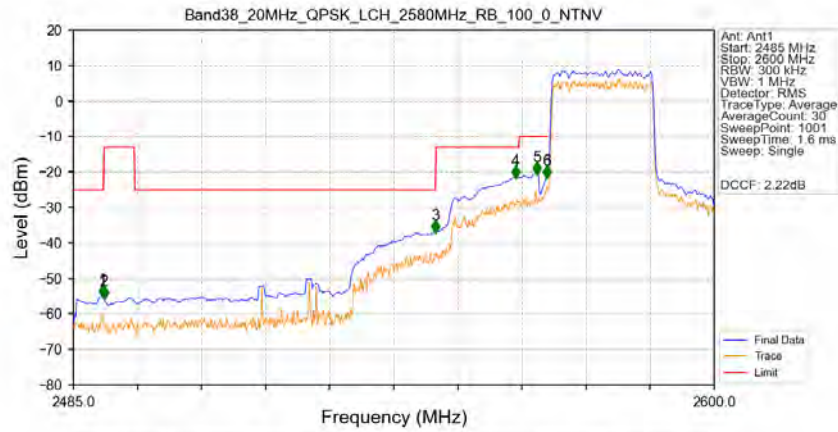
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTN

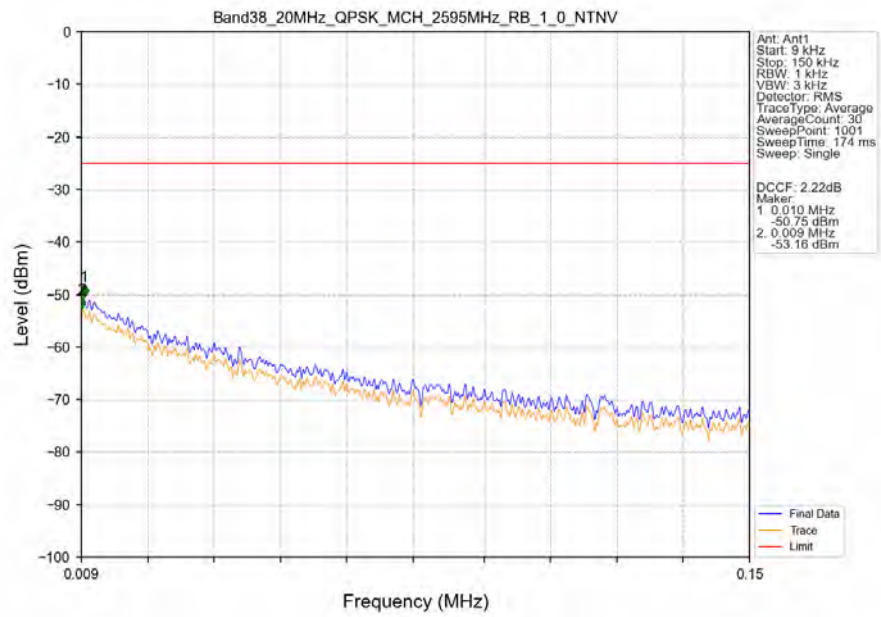


Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTN

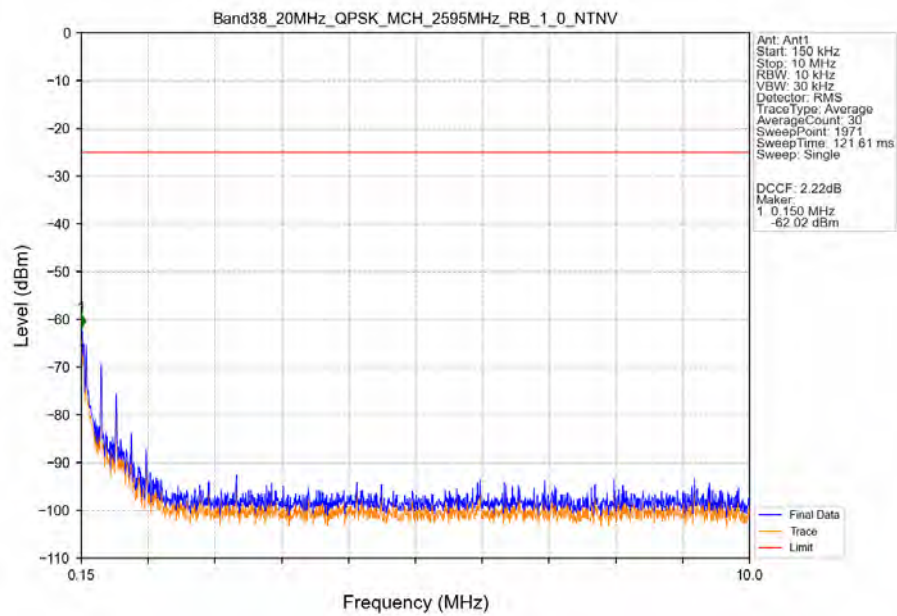


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.290	-55.08	-25	Pass
2490.5	2496	1	CHP	2	2490.520	-55.56	-13	Pass
2496	2550	1	CHP	3	2549.975	-36.93	-25	Pass
2550	2565	1	CHP	4	2564.350	-21.60	-13	Pass
2565	2569	1	CHP	5	2568.145	-20.44	-10	Pass
2569	2570	0.418	CHP	6	2569.985	-21.60	-10	Pass
2570	2600	0.418	CHP	/	/	/	/	/

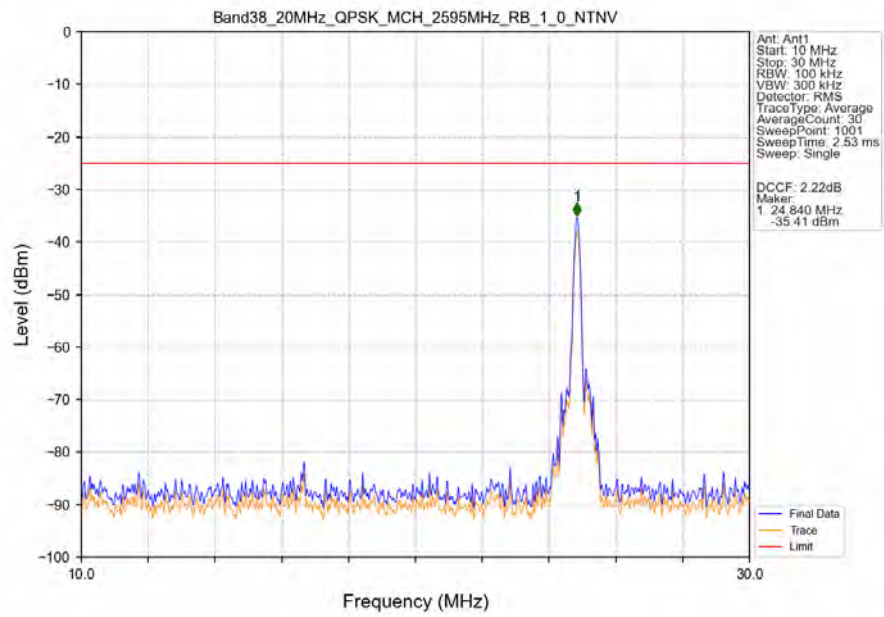
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



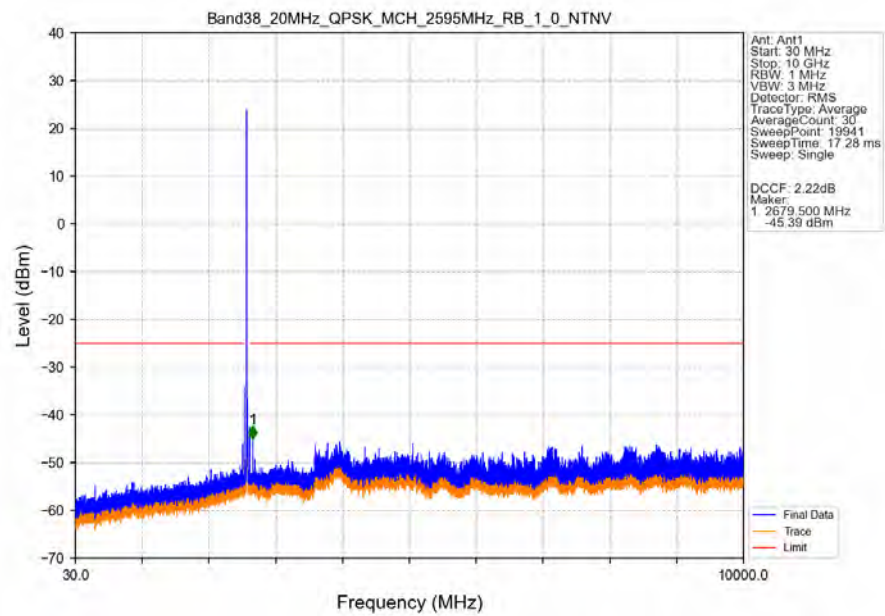
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



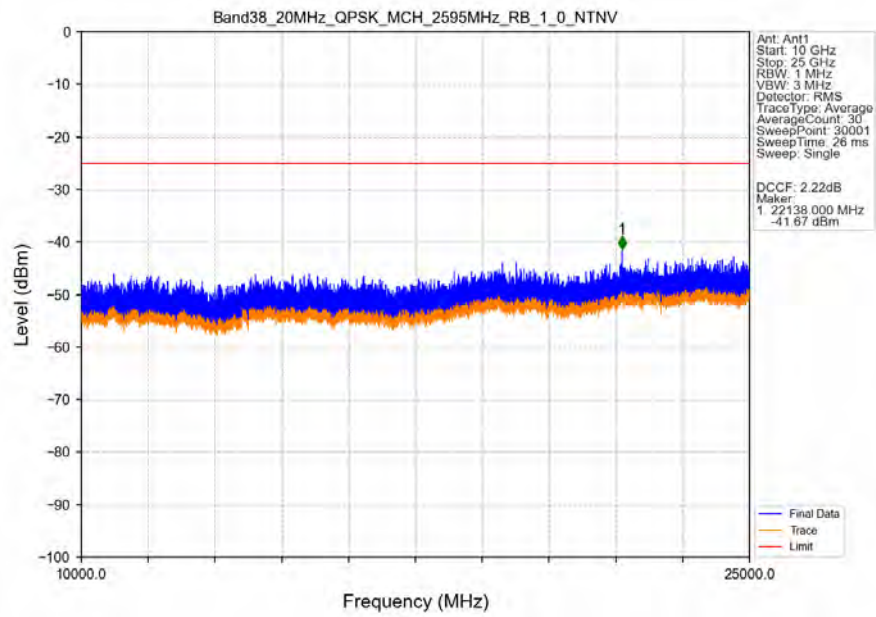
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



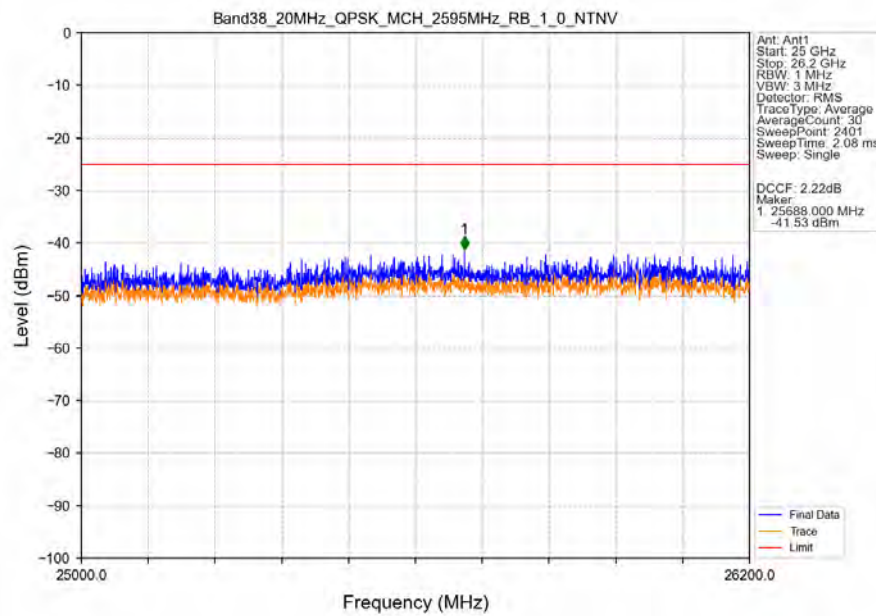
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



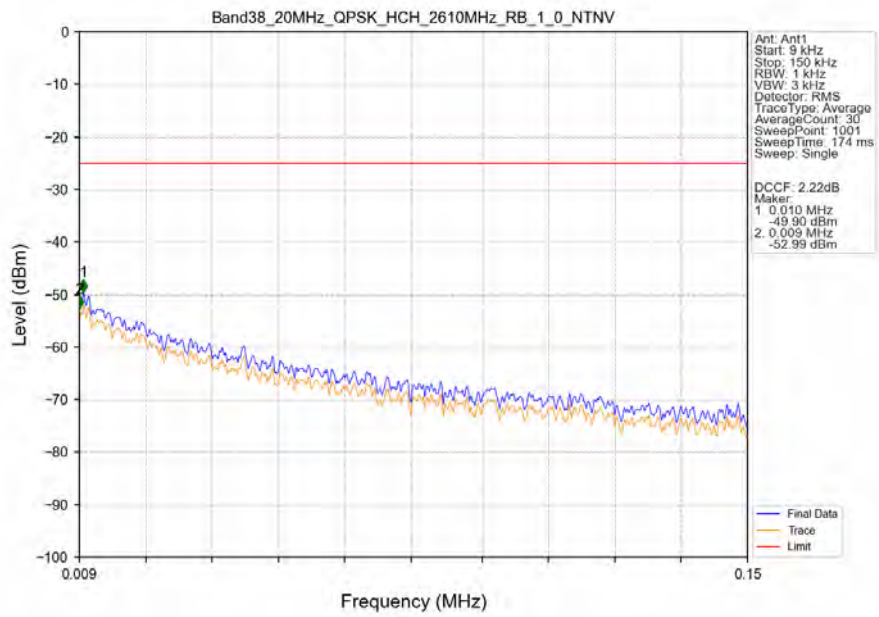
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



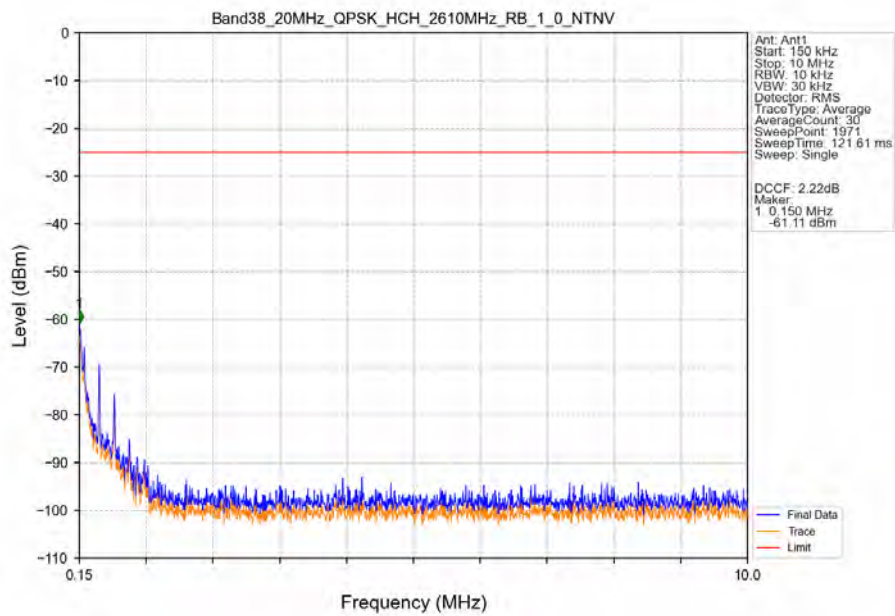
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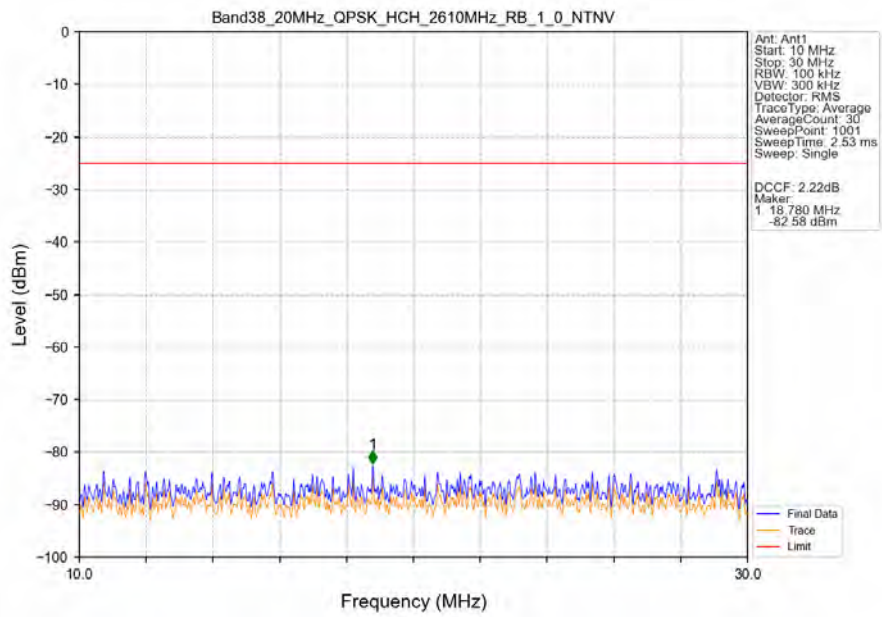
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



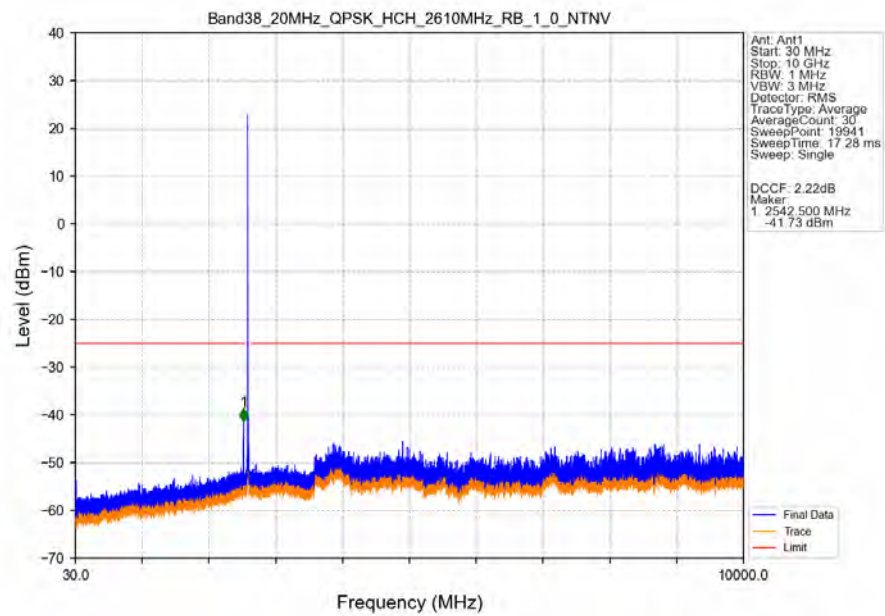
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



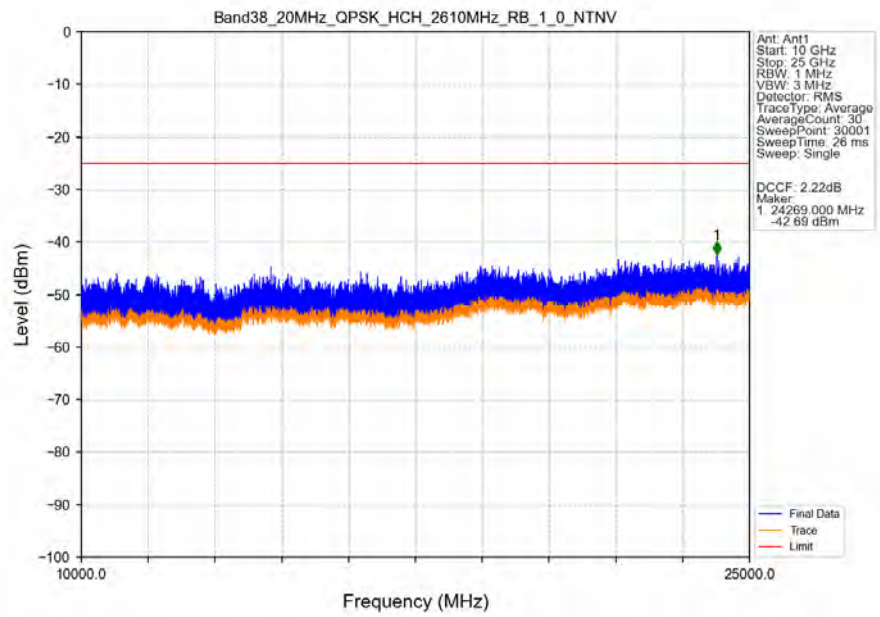
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



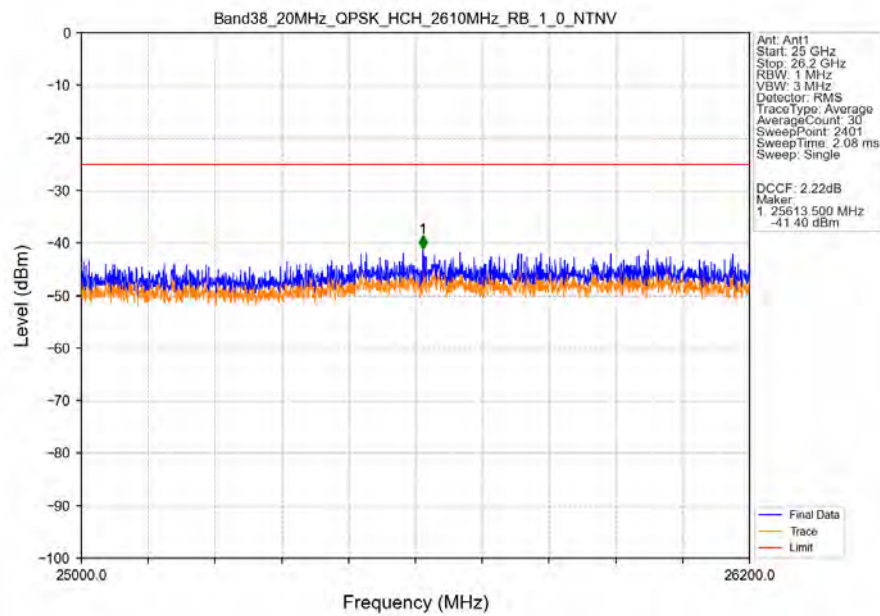
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



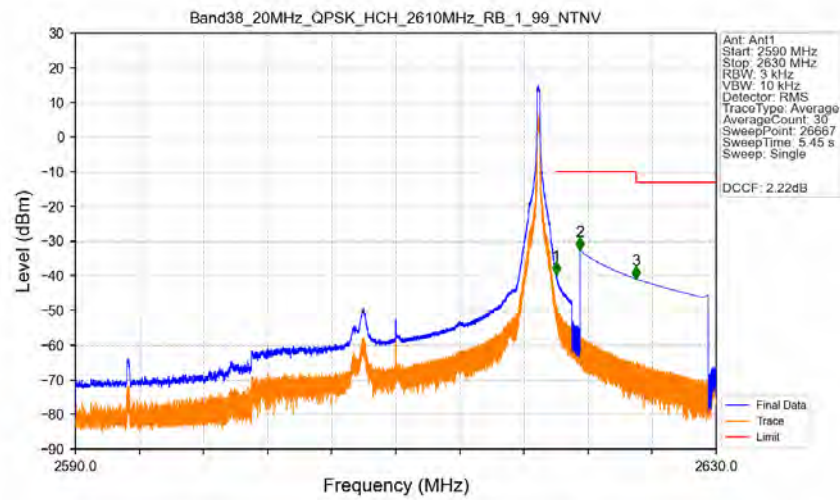
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV

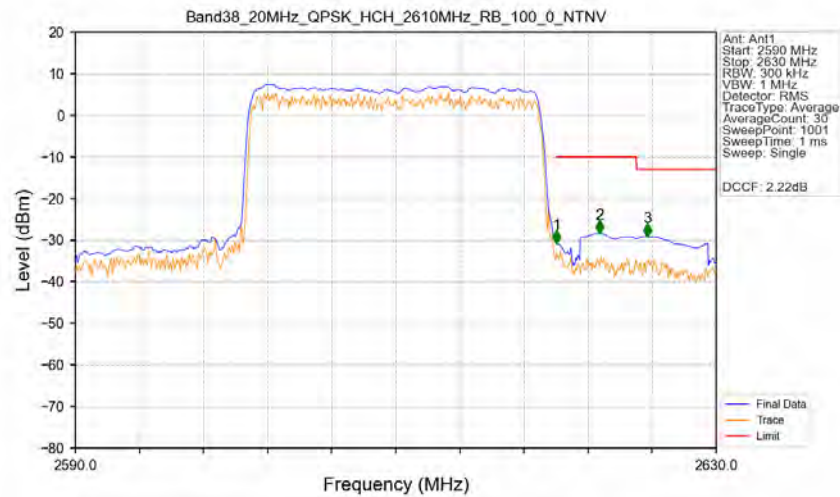


Band38_20MHz_QPSK_HCH_2610MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.001	-39.66	-10	Pass
2621	2625	1	CHP	2	2621.501	-32.71	-10	Pass
2625	2630	1	CHP	3	2625.002	-40.94	-13	Pass

Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.413	CHP	/	/	/	/	/
2620	2621	0.413	CHP	1	2620.040	-30.83	-10	Pass
2621	2625	1	CHP	2	2622.720	-28.42	-10	Pass
2625	2630	1	CHP	3	2625.720	-29.06	-13	Pass