1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	20.78	1.83	22.61	<=33.01	Pass
			13	21.10	1.83	22.93	<=33.01	Pass
			24	20.95	1.83	22.78	<=33.01	Pass
		12	0	19.94	1.83	21.77	<=33.01	Pass
			6	20.03	1.83	21.86	<=33.01	Pass
			13	19.96	1.83	21.79	<=33.01	Pass
		25	0	19.86	1.83	21.69	<=33.01	Pass
	2593	1	0	20.92	1.83	22.75	<=33.01	Pass
			13	20.92	1.83	22.75	<=33.01	Pass
			24	20.83	1.83	22.66	<=33.01	Pass
		12	0	20.01	1.83	21.84	<=33.01	Pass
			6	20.02	1.83	21.85	<=33.01	Pass
			13	19.95	1.83	21.78	<=33.01	Pass
		25	0	19.96	1.83	21.79	<=33.01	Pass
	2687.5	1	0	20.37	1.83	22.20	<=33.01	Pass
			13	20.48	1.83	22.31	<=33.01	Pass
			24	20.47	1.83	22.30	<=33.01	Pass
		12	0	19.48	1.83	21.31	<=33.01	Pass
			6	19.41	1.83	21.24	<=33.01	Pass
			13	19.40	1.83	21.23	<=33.01	Pass
		25	0	19.46	1.83	21.29	<=33.01	Pass
16QAM	2498.5	1	0	20.34	1.83	22.17	<=33.01	Pass
			13	20.54	1.83	22.37	<=33.01	Pass
			24	20.34	1.83	22.17	<=33.01	Pass
		12	0	18.99	1.83	20.82	<=33.01	Pass
			6	18.84	1.83	20.67	<=33.01	Pass
			13	19.16	1.83	20.99	<=33.01	Pass
		25	0	19.09	1.83	20.92	<=33.01	Pass
	2593	1	0	21.45	1.83	23.28	<=33.01	Pass
			13	21.65	1.83	23.48	<=33.01	Pass
			24	21.27	1.83	23.10	<=33.01	Pass
		12	0	19.22	1.83	21.05	<=33.01	Pass
			6	19.16	1.83	20.99	<=33.01	Pass
			13	19.20	1.83	21.03	<=33.01	Pass
		25	0	19.11	1.83	20.94	<=33.01	Pass
	2687.5	1	0	20.07	1.83	21.90	<=33.01	Pass
			13	19.91	1.83	21.74	<=33.01	Pass
			24	19.80	1.83	21.63	<=33.01	Pass
		12	0	18.54	1.83	20.37	<=33.01	Pass
			6	18.55	1.83	20.38	<=33.01	Pass
			13	18.58	1.83	20.41	<=33.01	Pass
		25	0	18.60	1.83	20.43	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B41_10MHz_EIRP

Band: 41 / Bandwidth: 10MHz / NTNV

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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2501	1	0	21.02	1.83	22.85	<=33.01	Pass
			25	20.83	1.83	22.66	<=33.01	Pass
			49	20.88	1.83	22.71	<=33.01	Pass
		25	0	19.94	1.83	21.77	<=33.01	Pass
			13	19.95	1.83	21.78	<=33.01	Pass
			25	19.98	1.83	21.81	<=33.01	Pass
		50	0	19.98	1.83	21.81	<=33.01	Pass
	2593	1	0	21.03	1.83	22.86	<=33.01	Pass
			25	20.98	1.83	22.81	<=33.01	Pass
			49	20.94	1.83	22.77	<=33.01	Pass
		25	0	19.98	1.83	21.81	<=33.01	Pass
			13	20.05	1.83	21.88	<=33.01	Pass
			25	19.91	1.83	21.74	<=33.01	Pass
		50	0	20.02	1.83	21.85	<=33.01	Pass
	2685	1	0	20.50	1.83	22.33	<=33.01	Pass
			25	20.52	1.83	22.35	<=33.01	Pass
			49	20.52	1.83	22.35	<=33.01	Pass
		25	0	19.50	1.83	21.33	<=33.01	Pass
			13	19.35	1.83	21.18	<=33.01	Pass
			25	19.41	1.83	21.24	<=33.01	Pass
		50	0	19.30	1.83	21.13	<=33.01	Pass
16QAM	2501	1	0	20.36	1.83	22.19	<=33.01	Pass
			25	20.66	1.83	22.49	<=33.01	Pass
			49	20.64	1.83	22.47	<=33.01	Pass
		25	0	19.30	1.83	21.13	<=33.01	Pass
			13	19.33	1.83	21.16	<=33.01	Pass
			25	19.35	1.83	21.18	<=33.01	Pass
		50	0	19.18	1.83	21.01	<=33.01	Pass
	2593	1	0	21.56	1.83	23.39	<=33.01	Pass
			25	21.55	1.83	23.38	<=33.01	Pass
			49	21.53	1.83	23.36	<=33.01	Pass
		25	0	19.28	1.83	21.11	<=33.01	Pass
			13	19.30	1.83	21.13	<=33.01	Pass
			25	19.04	1.83	20.87	<=33.01	Pass
		50	0	19.39	1.83	21.22	<=33.01	Pass
	2685	1	0	19.95	1.83	21.78	<=33.01	Pass
			25	20.19	1.83	22.02	<=33.01	Pass
			49	20.01	1.83	21.84	<=33.01	Pass
		25	0	18.61	1.83	20.44	<=33.01	Pass
			13	18.62	1.83	20.45	<=33.01	Pass
			25	18.59	1.83	20.42	<=33.01	Pass
		50	0	18.63	1.83	20.46	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B41_15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	20.84	1.83	22.67	<=33.01	Pass
			38	21.00	1.83	22.83	<=33.01	Pass
			74	21.00	1.83	22.83	<=33.01	Pass
		36	0	19.95	1.83	21.78	<=33.01	Pass
			18	19.98	1.83	21.81	<=33.01	Pass
			39	19.97	1.83	21.80	<=33.01	Pass

		75	0	19.83	1.83	21.66	<=33.01	Pass
	2593	1	0	21.10	1.83	22.93	<=33.01	Pass
			38	21.02	1.83	22.85	<=33.01	Pass
			74	21.02	1.83	22.85	<=33.01	Pass
		36	0	20.07	1.83	21.90	<=33.01	Pass
			18	20.03	1.83	21.86	<=33.01	Pass
			39	19.88	1.83	21.71	<=33.01	Pass
		75	0	19.97	1.83	21.80	<=33.01	Pass
	2682.5	1	0	20.51	1.83	22.34	<=33.01	Pass
			38	20.59	1.83	22.42	<=33.01	Pass
			74	20.54	1.83	22.37	<=33.01	Pass
		36	0	19.47	1.83	21.30	<=33.01	Pass
			18	19.48	1.83	21.31	<=33.01	Pass
			39	19.47	1.83	21.30	<=33.01	Pass
		75	0	19.45	1.83	21.28	<=33.01	Pass
16QAM	2503.5	1	0	20.46	1.83	22.29	<=33.01	Pass
			38	20.44	1.83	22.27	<=33.01	Pass
			74	20.45	1.83	22.28	<=33.01	Pass
		36	0	19.25	1.83	21.08	<=33.01	Pass
			18	19.07	1.83	20.90	<=33.01	Pass
			39	19.19	1.83	21.02	<=33.01	Pass
		75	0	19.07	1.83	20.90	<=33.01	Pass
	2593	1	0	21.14	1.83	22.97	<=33.01	Pass
			38	21.50	1.83	23.33	<=33.01	Pass
			74	21.50	1.83	23.33	<=33.01	Pass
		36	0	19.24	1.83	21.07	<=33.01	Pass
			18	19.20	1.83	21.03	<=33.01	Pass
			39	19.14	1.83	20.97	<=33.01	Pass
		75	0	19.25	1.83	21.08	<=33.01	Pass
	2682.5	1	0	19.92	1.83	21.75	<=33.01	Pass
			38	20.21	1.83	22.04	<=33.01	Pass
			74	20.16	1.83	21.99	<=33.01	Pass
		36	0	18.56	1.83	20.39	<=33.01	Pass
			18	18.63	1.83	20.46	<=33.01	Pass
			39	18.65	1.83	20.48	<=33.01	Pass
		75	0	18.59	1.83	20.42	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	21.19	1.83	23.02	<=33.01	Pass
			50	21.09	1.83	22.92	<=33.01	Pass
			99	21.06	1.83	22.89	<=33.01	Pass
		50	0	19.93	1.83	21.76	<=33.01	Pass
			25	19.95	1.83	21.78	<=33.01	Pass
			50	20.01	1.83	21.84	<=33.01	Pass
		100	0	19.91	1.83	21.74	<=33.01	Pass
	2593	1	0	20.92	1.83	22.75	<=33.01	Pass
			50	20.99	1.83	22.82	<=33.01	Pass
			99	20.77	1.83	22.60	<=33.01	Pass
		50	0	20.09	1.83	21.92	<=33.01	Pass
			25	19.94	1.83	21.77	<=33.01	Pass
			50	19.94	1.83	21.77	<=33.01	Pass
		100	0	19.90	1.83	21.73	<=33.01	Pass

	2680	1	0	20.46	1.83	22.29	<=33.01	Pass
			50	20.49	1.83	22.32	<=33.01	Pass
			99	20.51	1.83	22.34	<=33.01	Pass
		50	0	19.37	1.83	21.20	<=33.01	Pass
			25	19.46	1.83	21.29	<=33.01	Pass
			50	19.37	1.83	21.20	<=33.01	Pass
		100	0	19.49	1.83	21.32	<=33.01	Pass
16QAM	2506	1	0	20.76	1.83	22.59	<=33.01	Pass
			50	20.69	1.83	22.52	<=33.01	Pass
			99	21.28	1.83	23.11	<=33.01	Pass
		50	0	19.22	1.83	21.05	<=33.01	Pass
			25	19.28	1.83	21.11	<=33.01	Pass
			50	19.19	1.83	21.02	<=33.01	Pass
		100	0	19.24	1.83	21.07	<=33.01	Pass
	2593	1	0	20.55	1.83	22.38	<=33.01	Pass
			50	20.90	1.83	22.73	<=33.01	Pass
			99	20.33	1.83	22.16	<=33.01	Pass
		50	0	19.33	1.83	21.16	<=33.01	Pass
			25	19.34	1.83	21.17	<=33.01	Pass
			50	19.10	1.83	20.93	<=33.01	Pass
		100	0	19.30	1.83	21.13	<=33.01	Pass
	2680	1	0	20.92	1.83	22.75	<=33.01	Pass
			50	20.87	1.83	22.70	<=33.01	Pass
			99	20.86	1.83	22.69	<=33.01	Pass
		50	0	18.71	1.83	20.54	<=33.01	Pass
			25	18.71	1.83	20.54	<=33.01	Pass
			50	18.74	1.83	20.57	<=33.01	Pass
		100	0	18.63	1.83	20.46	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2498.5	25	0	20	3.27	12.374	0.0050	-2.5 to 2.5	Pass
					3.85	-25.778	-0.0103	-2.5 to 2.5	Pass
					4.43	-44.489	-0.0178	-2.5 to 2.5	Pass
				-30	3.85	-9.856	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-1.445	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-28.625	-0.0115	-2.5 to 2.5	Pass
				0	3.85	-45.877	-0.0184	-2.5 to 2.5	Pass
				10	3.85	-40.355	-0.0162	-2.5 to 2.5	Pass
				30	3.85	-36.850	-0.0147	-2.5 to 2.5	Pass
				40	3.85	-21.873	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-46.821	-0.0187	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	10.614	0.0041	-2.5 to 2.5	Pass
					3.85	-10.557	-0.0041	-2.5 to 2.5	Pass
					4.43	-43.731	-0.0169	-2.5 to 2.5	Pass
				-30	3.85	-32.916	-0.0127	-2.5 to 2.5	Pass
				-20	3.85	-27.666	-0.0107	-2.5 to 2.5	Pass
				-10	3.85	-10.085	-0.0039	-2.5 to 2.5	Pass

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				0	3.85	-45.033	-0.0174	-2.5 to 2.5	Pass
				10	3.85	-53.744	-0.0207	-2.5 to 2.5	Pass
				30	3.85	-14.563	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-45.319	-0.0175	-2.5 to 2.5	Pass
				50	3.85	-8.225	-0.0032	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	14.091	0.0052	-2.5 to 2.5	Pass
					3.85	22.459	0.0084	-2.5 to 2.5	Pass
					4.43	11.616	0.0043	-2.5 to 2.5	Pass
				-30	3.85	17.166	0.0064	-2.5 to 2.5	Pass
				-20	3.85	-13.075	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	2.546	0.0009	-2.5 to 2.5	Pass
				0	3.85	23.446	0.0087	-2.5 to 2.5	Pass
				10	3.85	38.781	0.0144	-2.5 to 2.5	Pass
				30	3.85	23.675	0.0088	-2.5 to 2.5	Pass
				40	3.85	34.618	0.0129	-2.5 to 2.5	Pass
				50	3.85	-11.530	-0.0043	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	3.27	-23.360	-0.0093	-2.5 to 2.5	Pass
					3.85	-41.699	-0.0167	-2.5 to 2.5	Pass
					4.43	-25.477	-0.0102	-2.5 to 2.5	Pass
				-30	3.85	-45.691	-0.0183	-2.5 to 2.5	Pass
				-20	3.85	-34.475	-0.0138	-2.5 to 2.5	Pass
				-10	3.85	6.537	0.0026	-2.5 to 2.5	Pass
				0	3.85	-13.132	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-37.851	-0.0151	-2.5 to 2.5	Pass
				30	3.85	-7.653	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-20.757	-0.0083	-2.5 to 2.5	Pass
				50	3.85	-33.960	-0.0136	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	-34.390	-0.0133	-2.5 to 2.5	Pass
					3.85	-49.610	-0.0191	-2.5 to 2.5	Pass
					4.43	-18.096	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-32.601	-0.0126	-2.5 to 2.5	Pass
				-20	3.85	-36.564	-0.0141	-2.5 to 2.5	Pass
				-10	3.85	-46.506	-0.0179	-2.5 to 2.5	Pass
				0	3.85	-45.276	-0.0175	-2.5 to 2.5	Pass
				10	3.85	-41.642	-0.0161	-2.5 to 2.5	Pass
				30	3.85	-10.028	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-23.003	-0.0089	-2.5 to 2.5	Pass
				50	3.85	-28.553	-0.0110	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	-5.465	-0.0020	-2.5 to 2.5	Pass
					3.85	29.597	0.0110	-2.5 to 2.5	Pass
					4.43	42.329	0.0158	-2.5 to 2.5	Pass
				-30	3.85	21.987	0.0082	-2.5 to 2.5	Pass
				-20	3.85	-7.210	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	10.743	0.0040	-2.5 to 2.5	Pass
				0	3.85	33.946	0.0126	-2.5 to 2.5	Pass
				10	3.85	20.800	0.0077	-2.5 to 2.5	Pass
				30	3.85	42.129	0.0157	-2.5 to 2.5	Pass
				40	3.85	-7.796	-0.0029	-2.5 to 2.5	Pass
				50	3.85	16.093	0.0060	-2.5 to 2.5	Pass

2.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2501	50	0	20	3.27	39.139	0.0156	-2.5 to 2.5	Pass
					3.85	-12.589	-0.0050	-2.5 to 2.5	Pass

					4.43	-12.846	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-39.196	-0.0157	-2.5 to 2.5	Pass
				-20	3.85	-43.345	-0.0173	-2.5 to 2.5	Pass
				-10	3.85	-32.558	-0.0130	-2.5 to 2.5	Pass
				0	3.85	-40.197	-0.0161	-2.5 to 2.5	Pass
				10	3.85	-15.950	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-36.778	-0.0147	-2.5 to 2.5	Pass
				40	3.85	-32.201	-0.0129	-2.5 to 2.5	Pass
				50	3.85	-31.056	-0.0124	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	-3.648	-0.0014	-2.5 to 2.5	Pass
					3.85	-28.610	-0.0110	-2.5 to 2.5	Pass
					4.43	-21.343	-0.0082	-2.5 to 2.5	Pass
				-30	3.85	-40.956	-0.0158	-2.5 to 2.5	Pass
				-20	3.85	-11.544	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-43.001	-0.0166	-2.5 to 2.5	Pass
				0	3.85	-52.700	-0.0203	-2.5 to 2.5	Pass
				10	3.85	-10.743	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-41.084	-0.0158	-2.5 to 2.5	Pass
				40	3.85	-33.789	-0.0130	-2.5 to 2.5	Pass
				50	3.85	-20.528	-0.0079	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	7.267	0.0027	-2.5 to 2.5	Pass
					3.85	29.383	0.0109	-2.5 to 2.5	Pass
					4.43	-3.333	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	22.602	0.0084	-2.5 to 2.5	Pass
				-20	3.85	27.637	0.0103	-2.5 to 2.5	Pass
				-10	3.85	-1.545	-0.0006	-2.5 to 2.5	Pass
				0	3.85	33.689	0.0125	-2.5 to 2.5	Pass
				10	3.85	-1.574	-0.0006	-2.5 to 2.5	Pass
				30	3.85	31.028	0.0116	-2.5 to 2.5	Pass
				40	3.85	16.079	0.0060	-2.5 to 2.5	Pass
				50	3.85	43.201	0.0161	-2.5 to 2.5	Pass
16QAM	2501	50	0	20	3.27	-18.940	-0.0076	-2.5 to 2.5	Pass
					3.85	-47.007	-0.0188	-2.5 to 2.5	Pass
					4.43	4.935	0.0020	-2.5 to 2.5	Pass
				-30	3.85	-9.069	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-25.191	-0.0101	-2.5 to 2.5	Pass
				-10	3.85	-19.441	-0.0078	-2.5 to 2.5	Pass
				0	3.85	-37.565	-0.0150	-2.5 to 2.5	Pass
				10	3.85	-48.137	-0.0192	-2.5 to 2.5	Pass
				30	3.85	-13.204	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-1.273	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-14.133	-0.0057	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	-32.873	-0.0127	-2.5 to 2.5	Pass
					3.85	-46.663	-0.0180	-2.5 to 2.5	Pass
					4.43	8.426	0.0032	-2.5 to 2.5	Pass
				-30	3.85	-0.801	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	12.560	0.0048	-2.5 to 2.5	Pass
				-10	3.85	8.383	0.0032	-2.5 to 2.5	Pass
				0	3.85	-1.044	-0.0004	-2.5 to 2.5	Pass
				10	3.85	6.967	0.0027	-2.5 to 2.5	Pass
				30	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				40	3.85	-7.911	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-14.477	-0.0056	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	3.476	0.0013	-2.5 to 2.5	Pass
					3.85	33.374	0.0124	-2.5 to 2.5	Pass
					4.43	29.111	0.0108	-2.5 to 2.5	Pass
				-30	3.85	9.513	0.0035	-2.5 to 2.5	Pass
				-20	3.85	33.331	0.0124	-2.5 to 2.5	Pass
				-10	3.85	27.938	0.0104	-2.5 to 2.5	Pass

				0	3.85	5.894	0.0022	-2.5 to 2.5	Pass
				10	3.85	21.801	0.0081	-2.5 to 2.5	Pass
				30	3.85	33.860	0.0126	-2.5 to 2.5	Pass
				40	3.85	-21.544	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-2.189	-0.0008	-2.5 to 2.5	Pass

2.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2503.5	75	0	20	3.27	9.656	0.0039	-2.5 to 2.5	Pass
					3.85	-45.075	-0.0180	-2.5 to 2.5	Pass
					4.43	-39.740	-0.0159	-2.5 to 2.5	Pass
				-30	3.85	-20.185	-0.0081	-2.5 to 2.5	Pass
				-20	3.85	-41.356	-0.0165	-2.5 to 2.5	Pass
				-10	3.85	-40.398	-0.0161	-2.5 to 2.5	Pass
				0	3.85	-11.544	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-40.212	-0.0161	-2.5 to 2.5	Pass
				30	3.85	-31.743	-0.0127	-2.5 to 2.5	Pass
				40	3.85	-9.542	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-22.674	-0.0091	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	-20.485	-0.0079	-2.5 to 2.5	Pass
					3.85	-46.964	-0.0181	-2.5 to 2.5	Pass
					4.43	-42.028	-0.0162	-2.5 to 2.5	Pass
				-30	3.85	-26.922	-0.0104	-2.5 to 2.5	Pass
				-20	3.85	-35.605	-0.0137	-2.5 to 2.5	Pass
				-10	3.85	-24.247	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-27.351	-0.0105	-2.5 to 2.5	Pass
				10	3.85	0.472	0.0002	-2.5 to 2.5	Pass
				30	3.85	-36.592	-0.0141	-2.5 to 2.5	Pass
				40	3.85	-5.436	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-45.347	-0.0175	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	20.299	0.0076	-2.5 to 2.5	Pass
					3.85	39.010	0.0145	-2.5 to 2.5	Pass
					4.43	34.847	0.0130	-2.5 to 2.5	Pass
				-30	3.85	-7.224	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	20.142	0.0075	-2.5 to 2.5	Pass
				-10	3.85	31.915	0.0119	-2.5 to 2.5	Pass
				0	3.85	-1.431	-0.0005	-2.5 to 2.5	Pass
				10	3.85	19.083	0.0071	-2.5 to 2.5	Pass
				30	3.85	25.263	0.0094	-2.5 to 2.5	Pass
				40	3.85	20.428	0.0076	-2.5 to 2.5	Pass
				50	3.85	29.855	0.0111	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	20	3.27	-47.178	-0.0188	-2.5 to 2.5	Pass
					3.85	-49.868	-0.0199	-2.5 to 2.5	Pass
					4.43	-5.078	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-9.298	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-28.467	-0.0114	-2.5 to 2.5	Pass
				-10	3.85	-40.598	-0.0162	-2.5 to 2.5	Pass
				0	3.85	-38.095	-0.0152	-2.5 to 2.5	Pass
				10	3.85	-12.131	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-21.257	-0.0085	-2.5 to 2.5	Pass
				40	3.85	-34.003	-0.0136	-2.5 to 2.5	Pass
				50	3.85	-41.070	-0.0164	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	-35.391	-0.0136	-2.5 to 2.5	Pass
					3.85	-46.206	-0.0178	-2.5 to 2.5	Pass

					4.43	-20.084	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	-4.835	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-3.319	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-5.579	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-10.958	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-24.519	-0.0095	-2.5 to 2.5	Pass
				30	3.85	-37.866	-0.0146	-2.5 to 2.5	Pass
				40	3.85	-42.958	-0.0166	-2.5 to 2.5	Pass
				50	3.85	-48.723	-0.0188	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	37.322	0.0139	-2.5 to 2.5	Pass
					3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
					4.43	25.077	0.0093	-2.5 to 2.5	Pass
				-30	3.85	19.856	0.0074	-2.5 to 2.5	Pass
				-20	3.85	1.459	0.0005	-2.5 to 2.5	Pass
				-10	3.85	4.549	0.0017	-2.5 to 2.5	Pass
				0	3.85	31.657	0.0118	-2.5 to 2.5	Pass
				10	3.85	15.793	0.0059	-2.5 to 2.5	Pass
				30	3.85	38.924	0.0145	-2.5 to 2.5	Pass
				40	3.85	-9.141	-0.0034	-2.5 to 2.5	Pass
				50	3.85	16.994	0.0063	-2.5 to 2.5	Pass

2.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2506	100	0	20	3.27	27.194	0.0109	-2.5 to 2.5	Pass
					3.85	-35.391	-0.0141	-2.5 to 2.5	Pass
					4.43	-18.625	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-19.684	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-41.056	-0.0164	-2.5 to 2.5	Pass
				-10	3.85	-43.201	-0.0172	-2.5 to 2.5	Pass
				0	3.85	-17.509	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-9.742	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-44.804	-0.0179	-2.5 to 2.5	Pass
				40	3.85	-39.697	-0.0158	-2.5 to 2.5	Pass
				50	3.85	-42.973	-0.0171	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	13.418	0.0052	-2.5 to 2.5	Pass
					3.85	-9.971	-0.0038	-2.5 to 2.5	Pass
					4.43	-35.706	-0.0138	-2.5 to 2.5	Pass
				-30	3.85	1.159	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-39.840	-0.0154	-2.5 to 2.5	Pass
				-10	3.85	-49.682	-0.0192	-2.5 to 2.5	Pass
				0	3.85	-20.814	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-31.614	-0.0122	-2.5 to 2.5	Pass
				30	3.85	-40.083	-0.0155	-2.5 to 2.5	Pass
				40	3.85	-30.413	-0.0117	-2.5 to 2.5	Pass
				50	3.85	0.501	0.0002	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	-4.406	-0.0016	-2.5 to 2.5	Pass
					3.85	24.190	0.0090	-2.5 to 2.5	Pass
					4.43	16.093	0.0060	-2.5 to 2.5	Pass
				-30	3.85	12.746	0.0048	-2.5 to 2.5	Pass
				-20	3.85	13.890	0.0052	-2.5 to 2.5	Pass
				-10	3.85	34.919	0.0130	-2.5 to 2.5	Pass
				0	3.85	19.698	0.0074	-2.5 to 2.5	Pass
				10	3.85	39.010	0.0146	-2.5 to 2.5	Pass
				30	3.85	-0.544	-0.0002	-2.5 to 2.5	Pass

				40	3.85	11.516	0.0043	-2.5 to 2.5	Pass
				50	3.85	23.403	0.0087	-2.5 to 2.5	Pass
16QAM	2506	100	0	20	3.27	-11.387	-0.0045	-2.5 to 2.5	Pass
					3.85	-25.163	-0.0100	-2.5 to 2.5	Pass
					4.43	-29.869	-0.0119	-2.5 to 2.5	Pass
				-30	3.85	-29.669	-0.0118	-2.5 to 2.5	Pass
				-20	3.85	-26.536	-0.0106	-2.5 to 2.5	Pass
				-10	3.85	-33.760	-0.0135	-2.5 to 2.5	Pass
				0	3.85	-43.387	-0.0173	-2.5 to 2.5	Pass
				10	3.85	-43.759	-0.0175	-2.5 to 2.5	Pass
				30	3.85	-2.546	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-11.230	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-14.491	-0.0058	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	-15.364	-0.0059	-2.5 to 2.5	Pass
					3.85	-32.716	-0.0126	-2.5 to 2.5	Pass
					4.43	-34.218	-0.0132	-2.5 to 2.5	Pass
				-30	3.85	-35.391	-0.0136	-2.5 to 2.5	Pass
				-20	3.85	-38.524	-0.0149	-2.5 to 2.5	Pass
				-10	3.85	-36.421	-0.0140	-2.5 to 2.5	Pass
				0	3.85	-40.712	-0.0157	-2.5 to 2.5	Pass
				10	3.85	-39.697	-0.0153	-2.5 to 2.5	Pass
				30	3.85	-36.922	-0.0142	-2.5 to 2.5	Pass
				40	3.85	-7.596	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-14.420	-0.0056	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	-22.559	-0.0084	-2.5 to 2.5	Pass
					3.85	-1.888	-0.0007	-2.5 to 2.5	Pass
					4.43	19.269	0.0072	-2.5 to 2.5	Pass
				-30	3.85	34.847	0.0130	-2.5 to 2.5	Pass
				-20	3.85	24.204	0.0090	-2.5 to 2.5	Pass
				-10	3.85	19.655	0.0073	-2.5 to 2.5	Pass
				0	3.85	28.310	0.0106	-2.5 to 2.5	Pass
				10	3.85	-8.326	-0.0031	-2.5 to 2.5	Pass
				30	3.85	9.413	0.0035	-2.5 to 2.5	Pass
				40	3.85	31.571	0.0118	-2.5 to 2.5	Pass
				50	3.85	29.526	0.0110	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	25	0	Refer To Test Graph		Pass
16QAM	2593	25	0	Refer To Test Graph		Pass

3.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	50	0	Refer To Test Graph		Pass
16QAM	2593	50	0	Refer To Test Graph		Pass

3.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	75	0	Refer To Test Graph		Pass
16QAM	2593	75	0	Refer To Test Graph		Pass

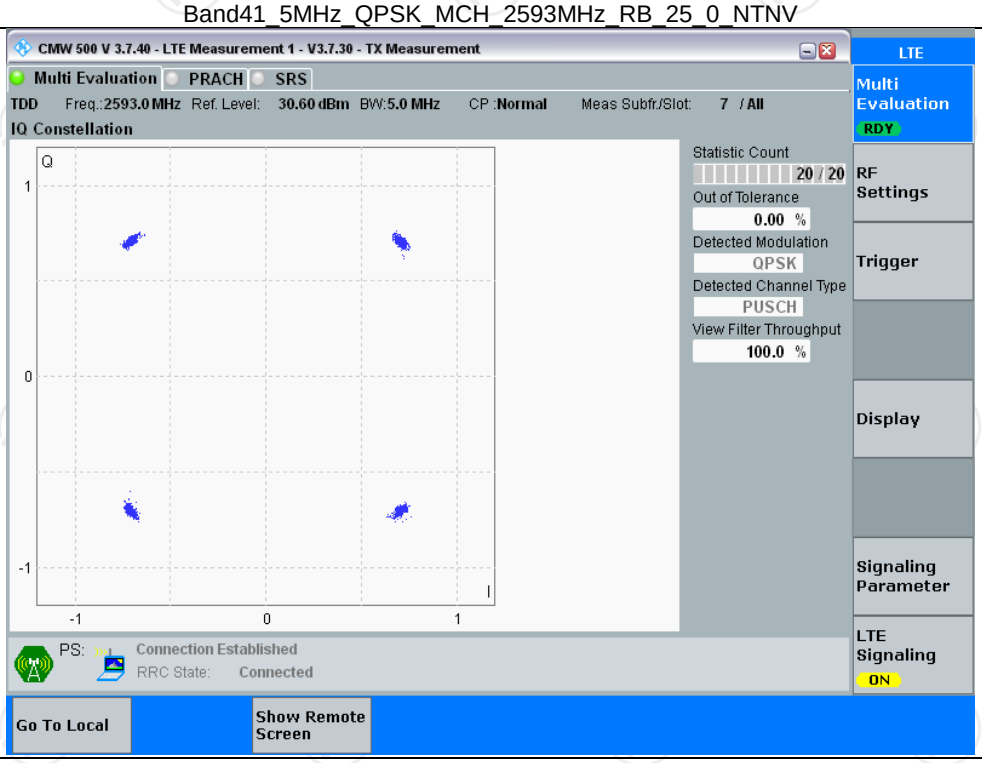
3.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	Refer To Test Graph		Pass
16QAM	2593	100	0	Refer To Test Graph		Pass

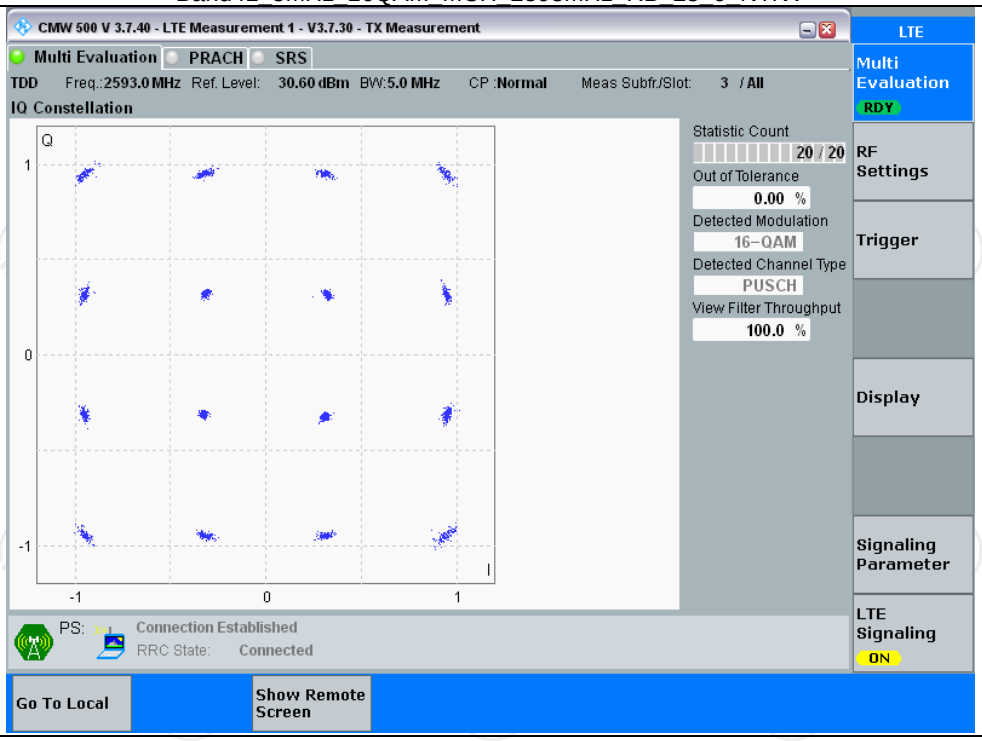
3.2 Test Graph

3.2.1 B41_5MHz

Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV

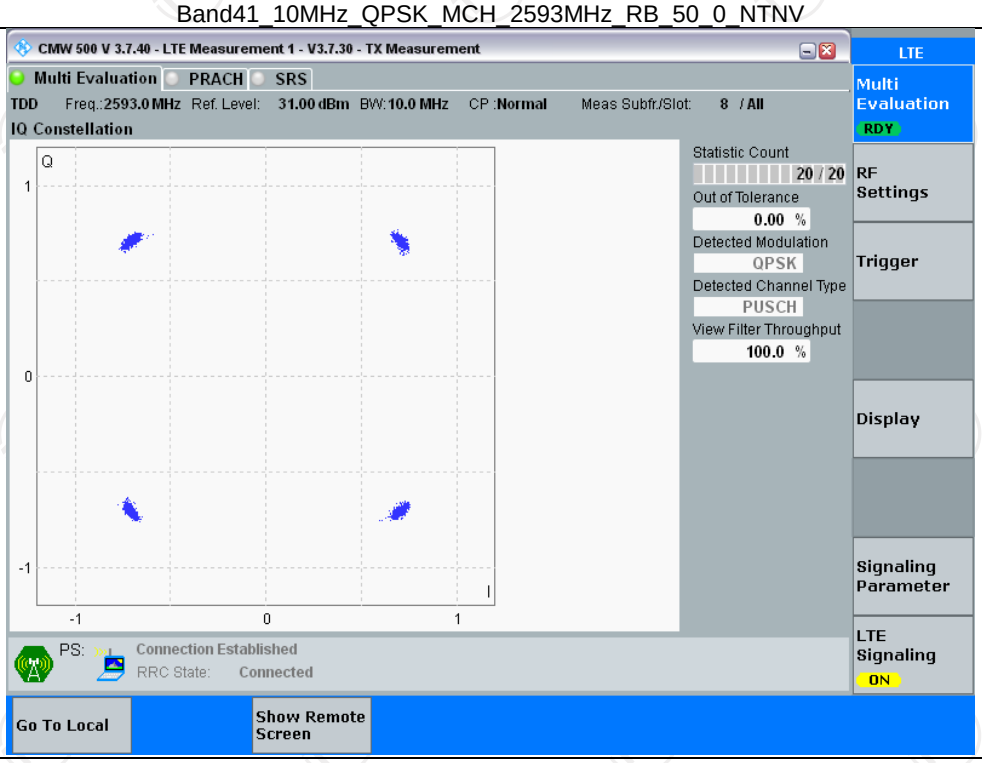


Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV

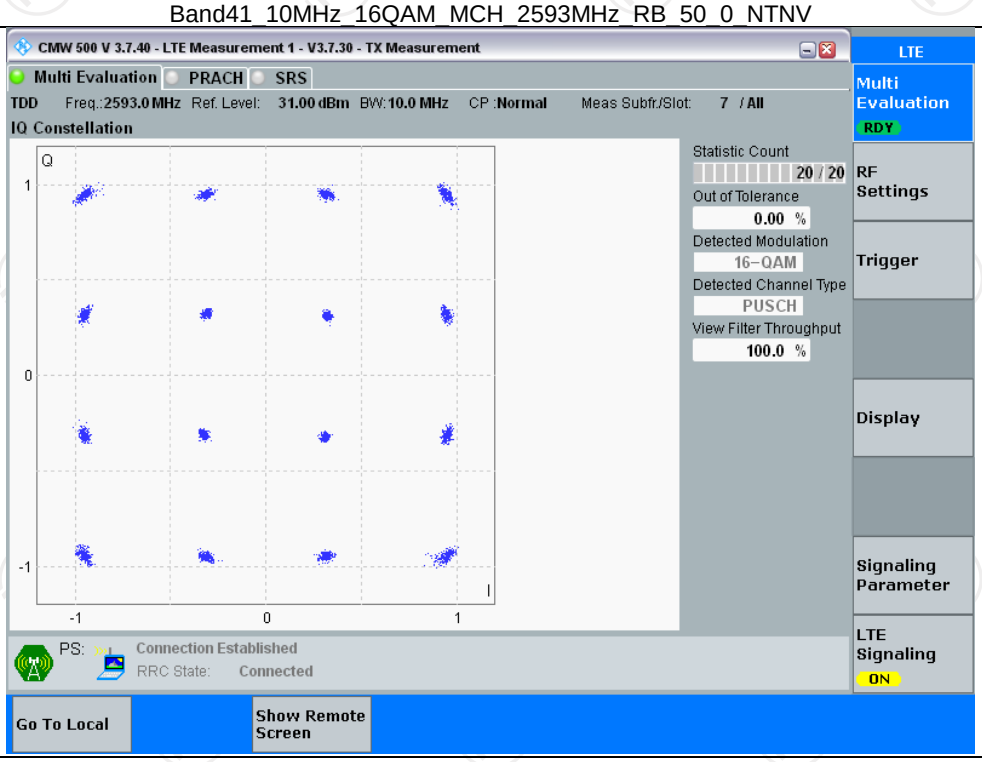


3.2.2 B41_10MHz

Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV

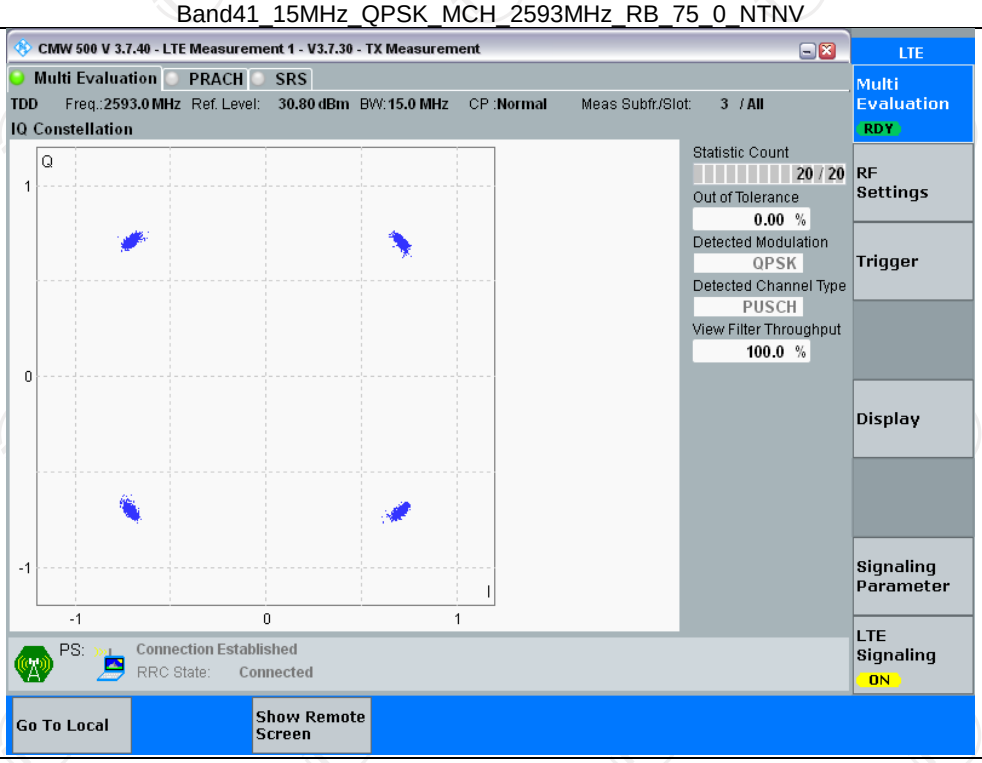


Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV

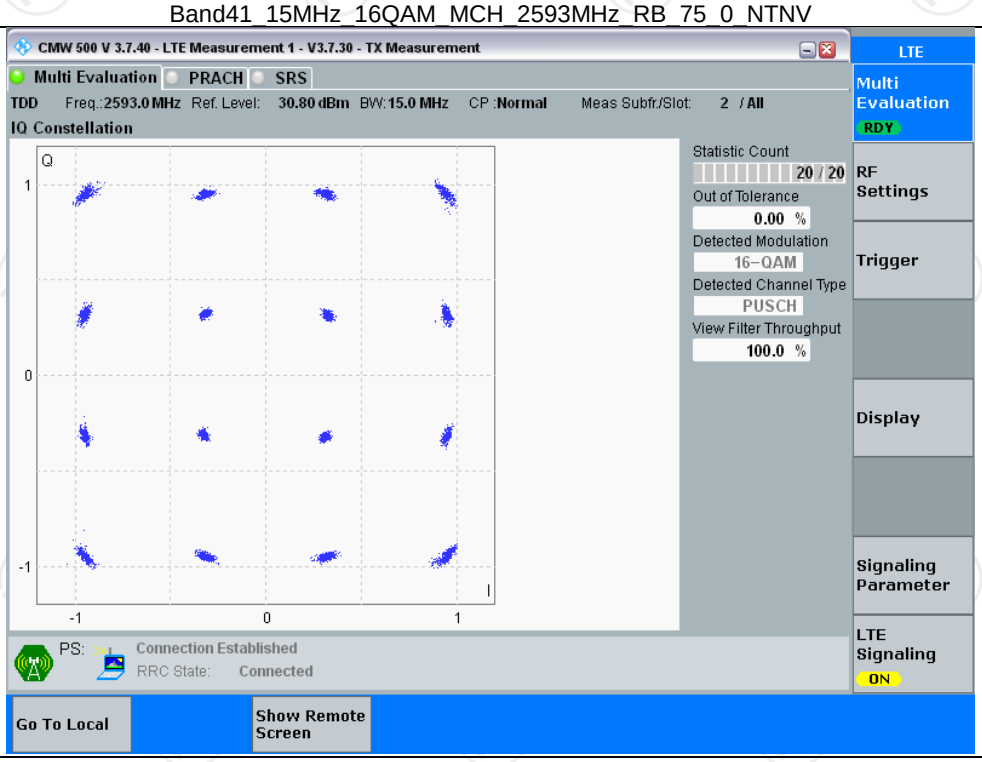


3.2.3 B41_15MHz

Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV

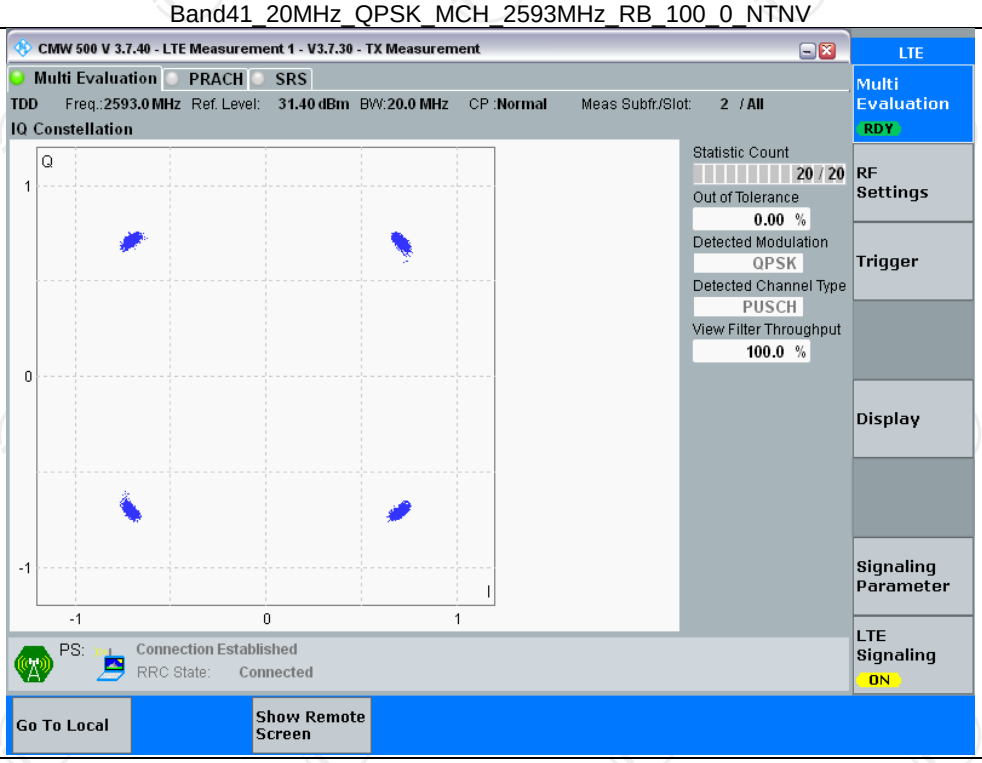


Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV

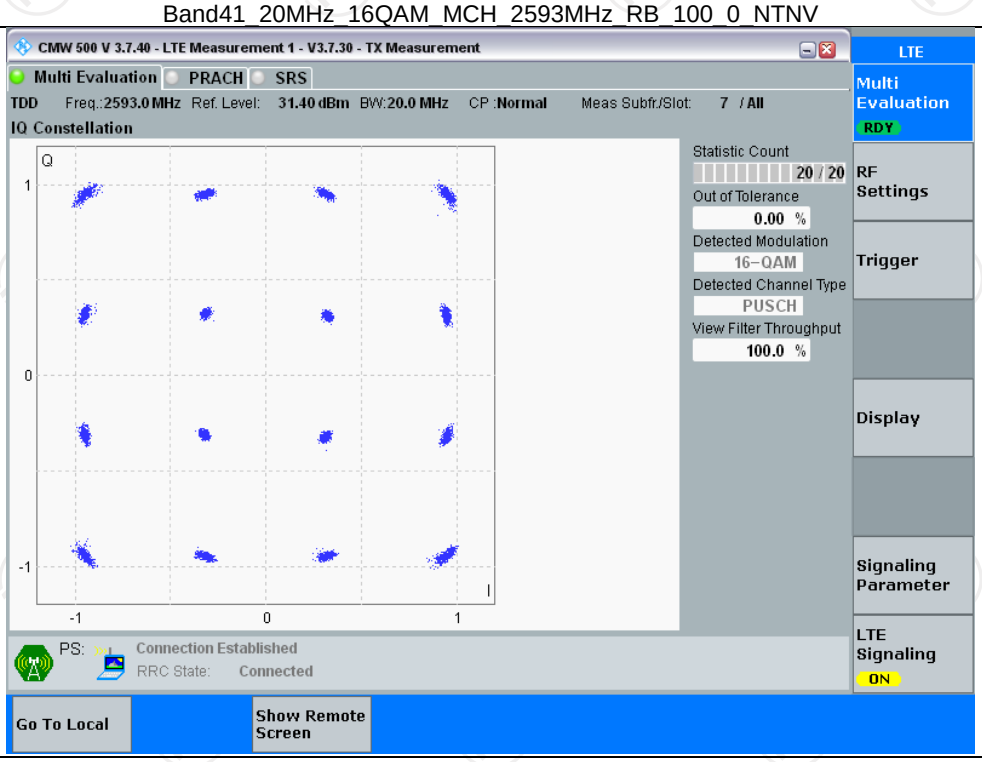


3.2.4 B41_20MHz

Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band41_OBW

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	4.541	/	Pass
		2593	25	0	4.546	/	Pass
		2687.5	25	0	4.545	/	Pass
	16QAM	2498.5	25	0	4.576	/	Pass
		2593	25	0	4.527	/	Pass
		2687.5	25	0	4.508	/	Pass
10	QPSK	2501	50	0	9.108	/	Pass
		2593	50	0	9.060	/	Pass
		2685	50	0	9.088	/	Pass
	16QAM	2501	50	0	9.085	/	Pass
		2593	50	0	9.055	/	Pass
		2685	50	0	9.074	/	Pass
15	QPSK	2503.5	75	0	13.595	/	Pass
		2593	75	0	13.617	/	Pass
		2682.5	75	0	13.573	/	Pass
	16QAM	2503.5	75	0	13.677	/	Pass
		2593	75	0	13.600	/	Pass
		2682.5	75	0	13.589	/	Pass
20	QPSK	2506	100	0	18.162	/	Pass
		2593	100	0	18.134	/	Pass
		2680	100	0	18.130	/	Pass
	16QAM	2506	100	0	18.167	/	Pass
		2593	100	0	18.134	/	Pass
		2680	100	0	18.164	/	Pass

4.1.2 Band41_XDB

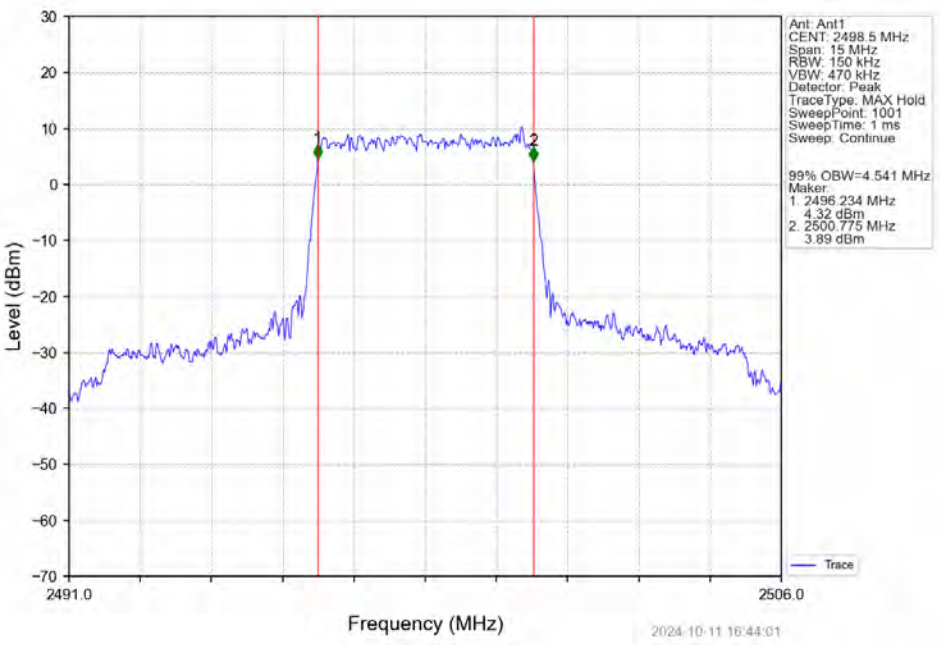
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.002	/	Pass
		2593	25	0	4.989	/	Pass
		2687.5	25	0	5.051	/	Pass
	16QAM	2498.5	25	0	5.095	/	Pass
		2593	25	0	4.949	/	Pass
		2687.5	25	0	4.898	/	Pass
10	QPSK	2501	50	0	10.147	/	Pass
		2593	50	0	10.059	/	Pass
		2685	50	0	10.161	/	Pass
	16QAM	2501	50	0	9.999	/	Pass
		2593	50	0	10.005	/	Pass
		2685	50	0	10.090	/	Pass
15	QPSK	2503.5	75	0	15.187	/	Pass
		2593	75	0	15.119	/	Pass
		2682.5	75	0	14.667	/	Pass

	16QAM	2503.5	75	0	15.016	/	Pass
		2593	75	0	15.199	/	Pass
		2682.5	75	0	15.012	/	Pass
20	QPSK	2506	100	0	19.897	/	Pass
		2593	100	0	19.960	/	Pass
		2680	100	0	19.982	/	Pass
	16QAM	2506	100	0	19.905	/	Pass
		2593	100	0	20.052	/	Pass
		2680	100	0	19.961	/	Pass

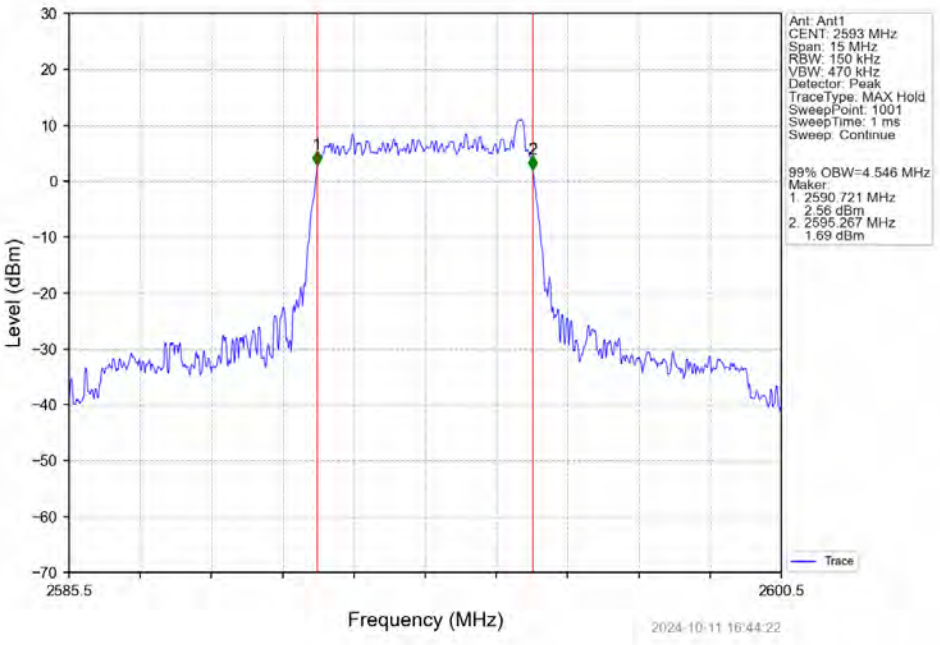
4.2 Test Graph

4.2.1 Band41_OBW

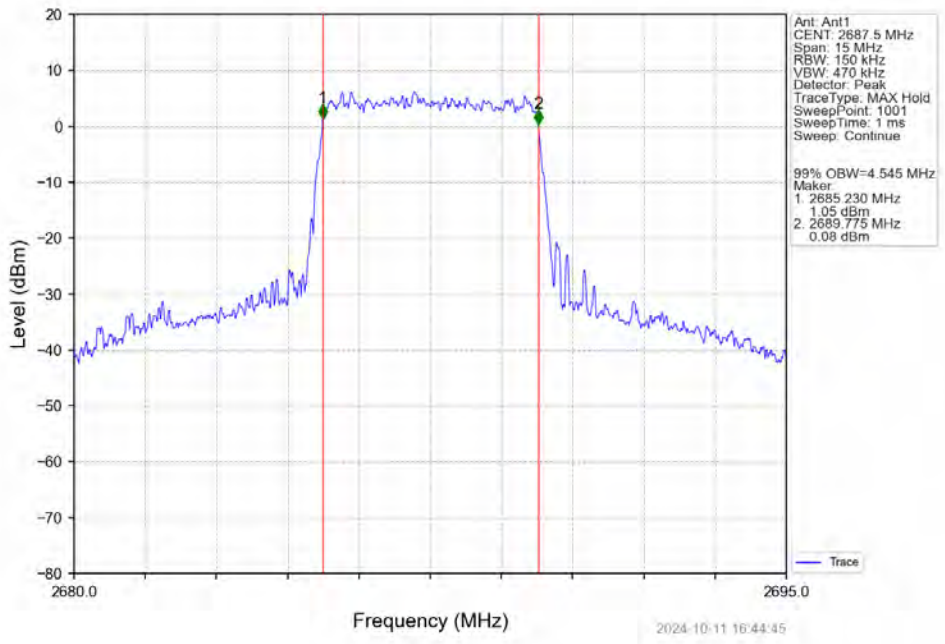
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



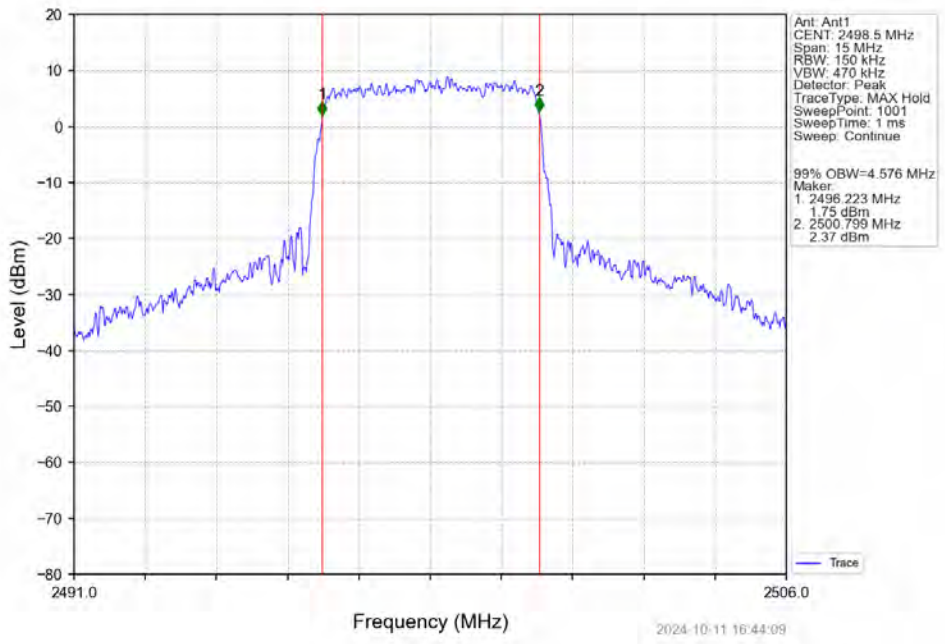
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



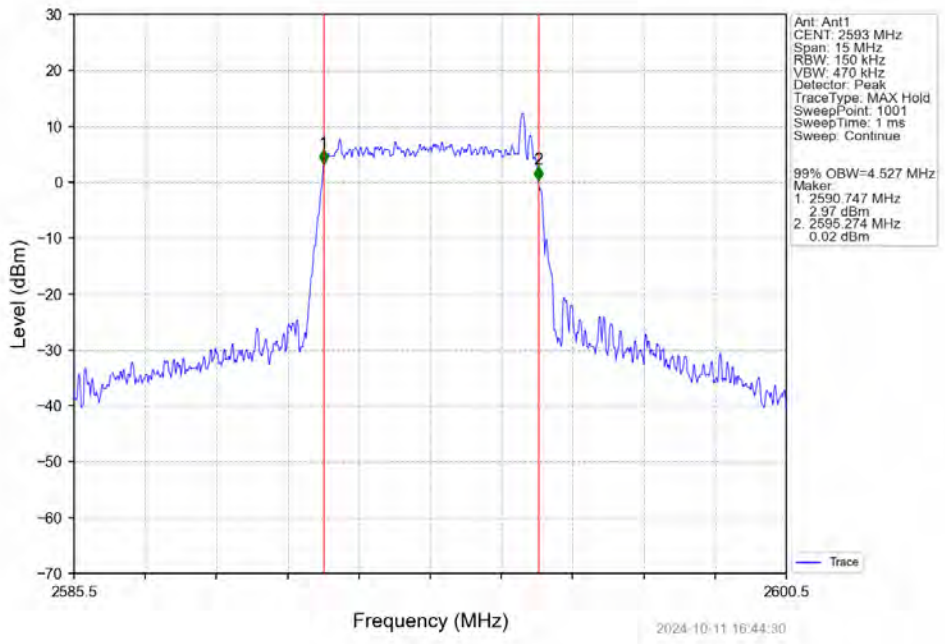
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



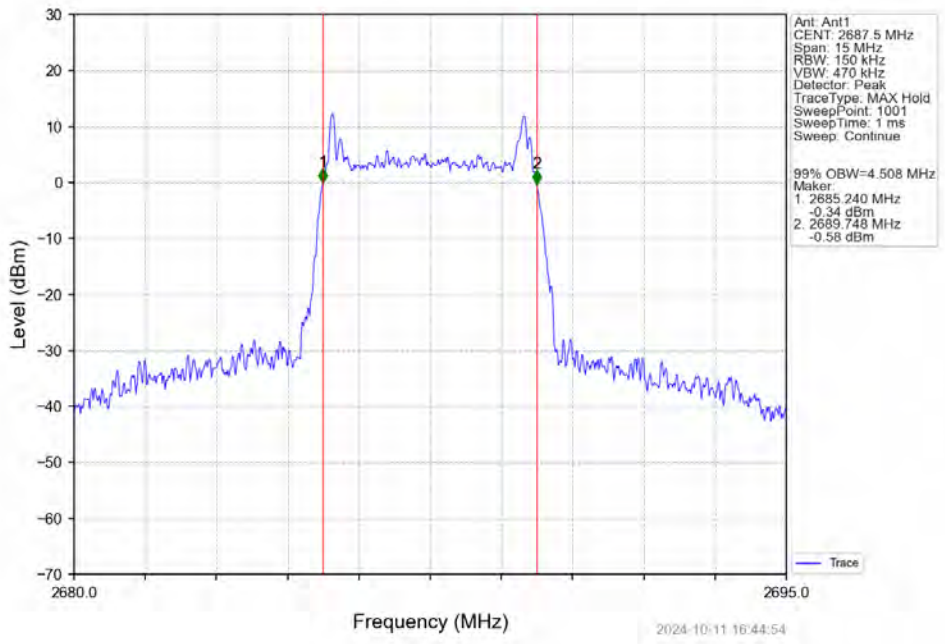
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



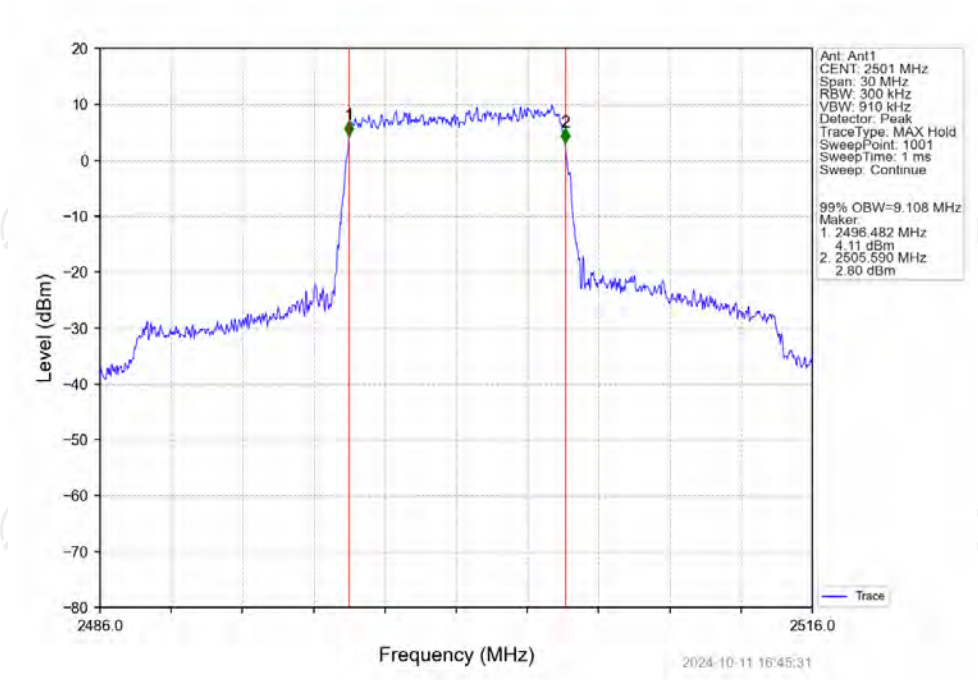
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



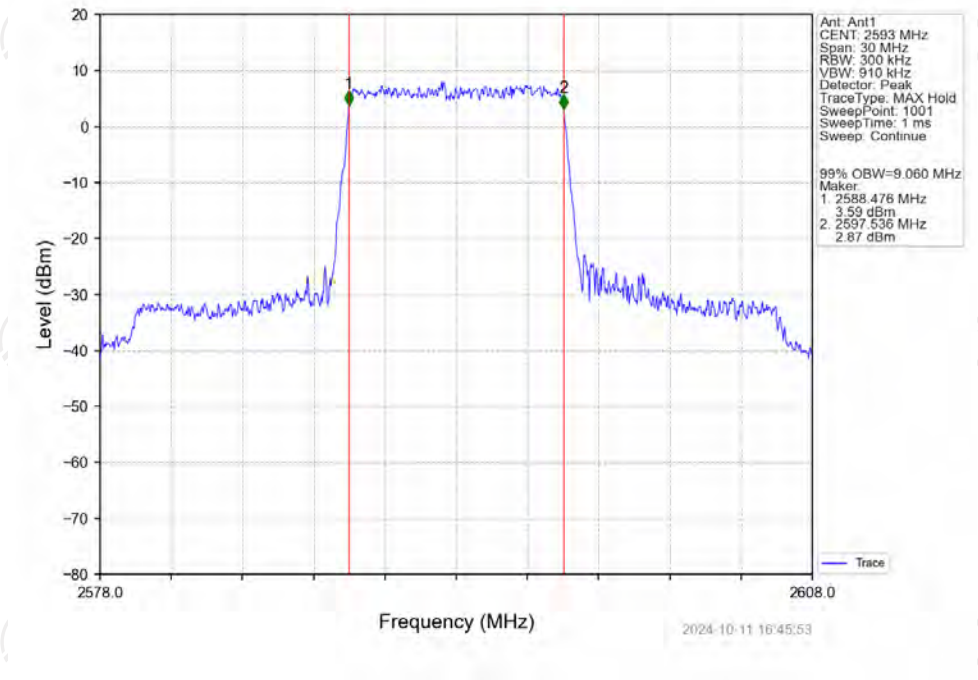
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



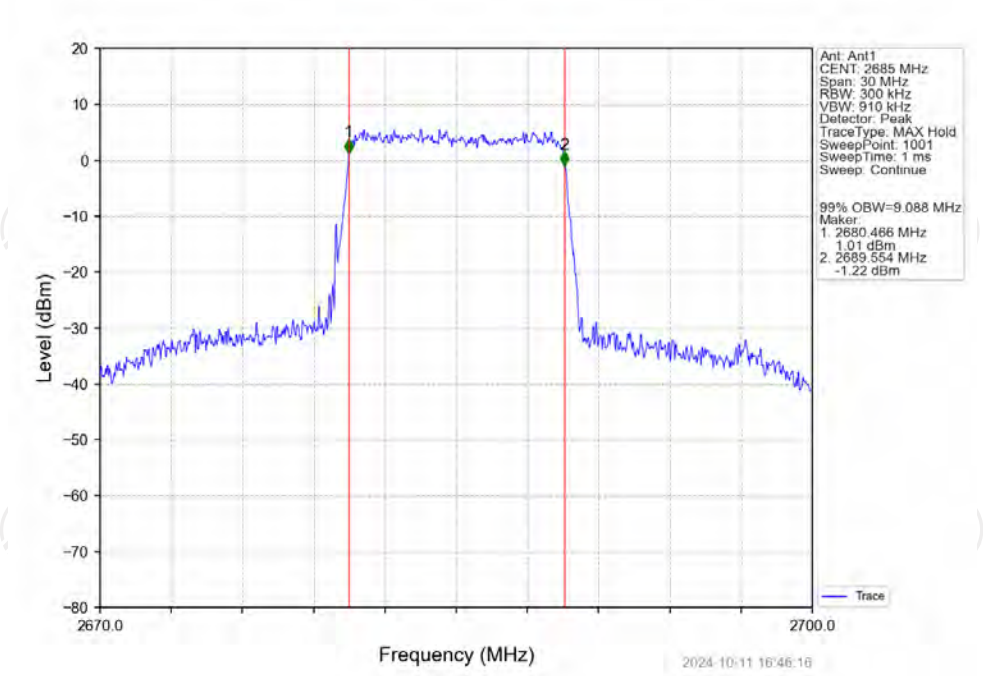
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



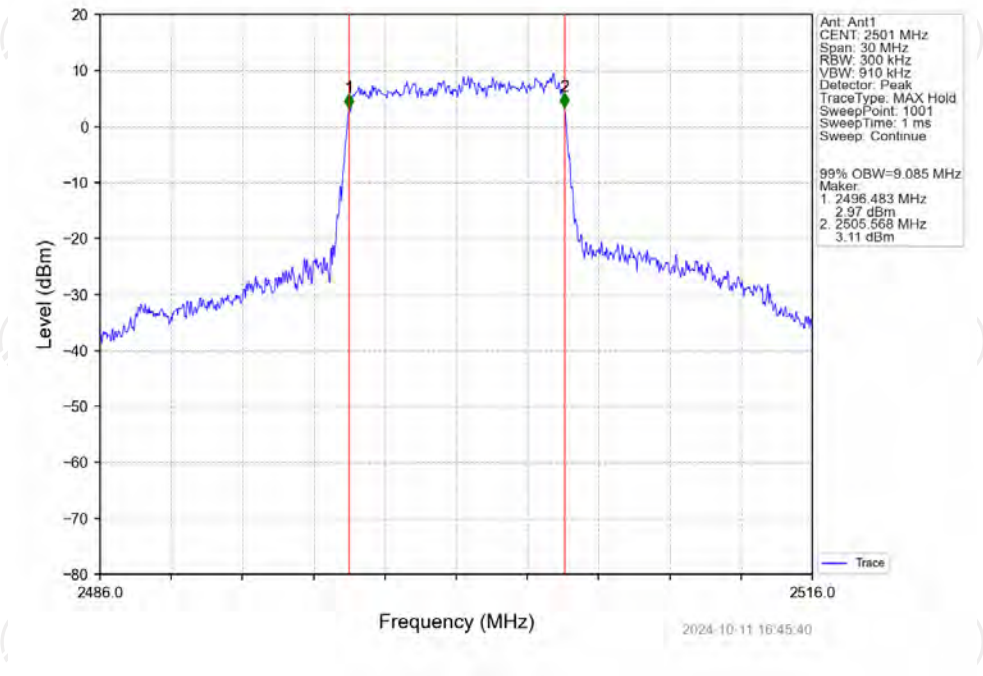
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



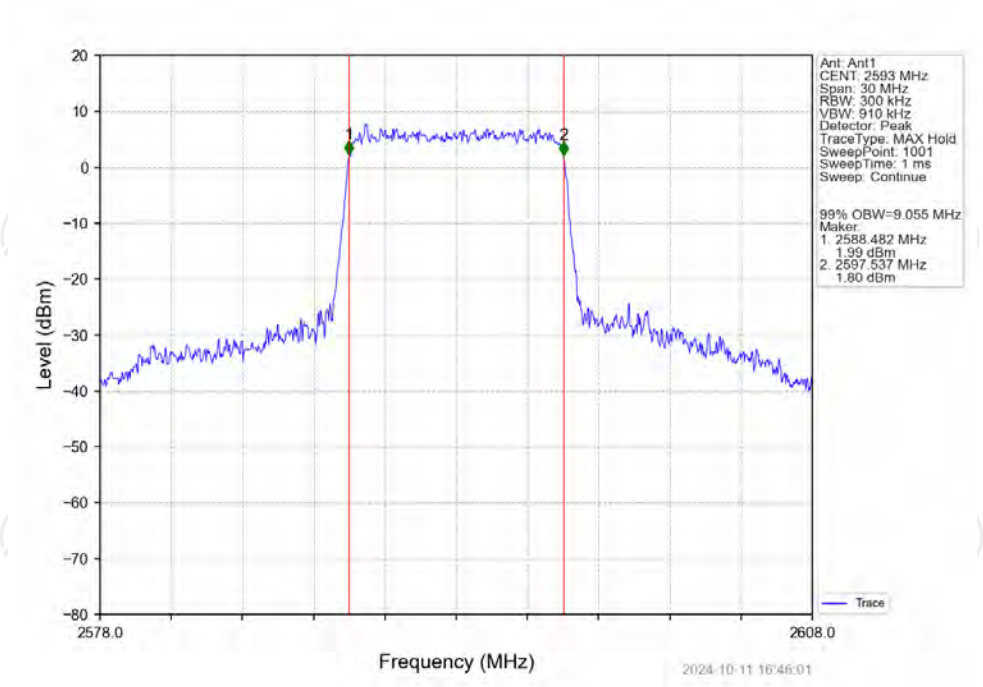
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



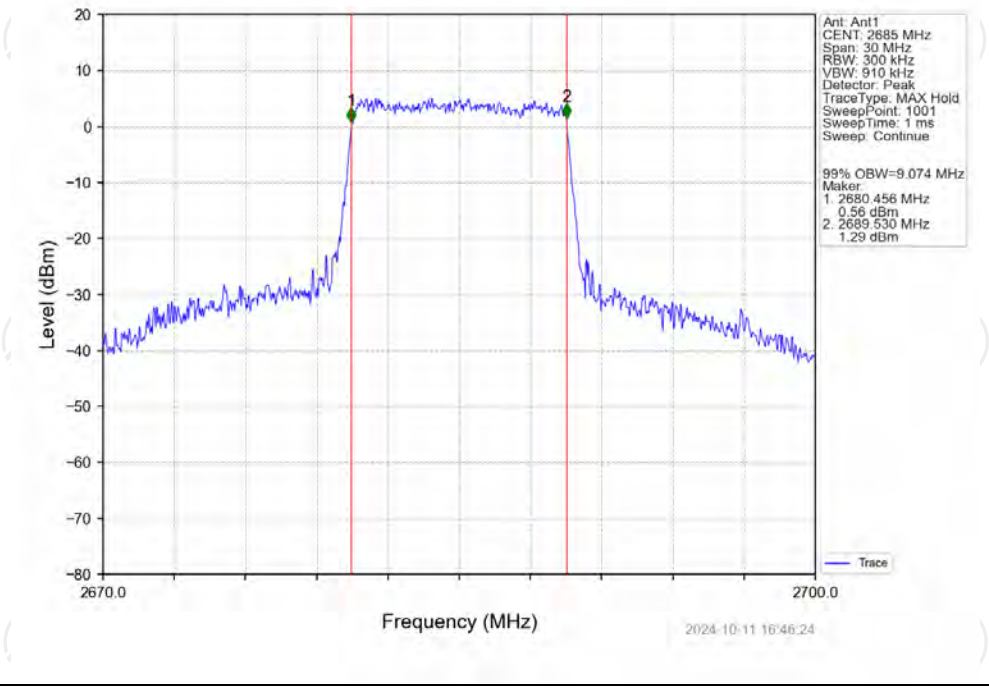
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



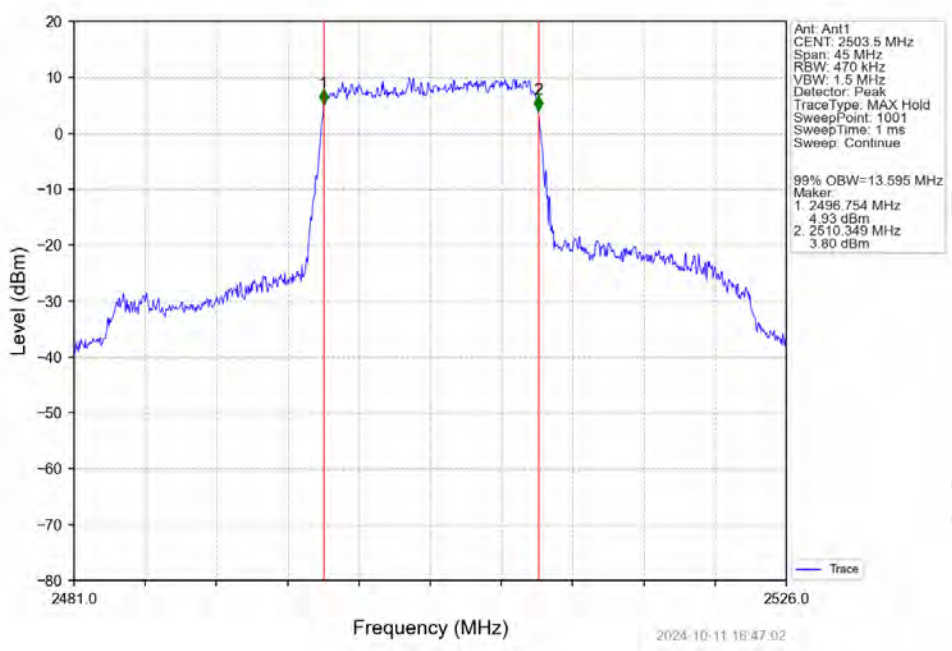
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



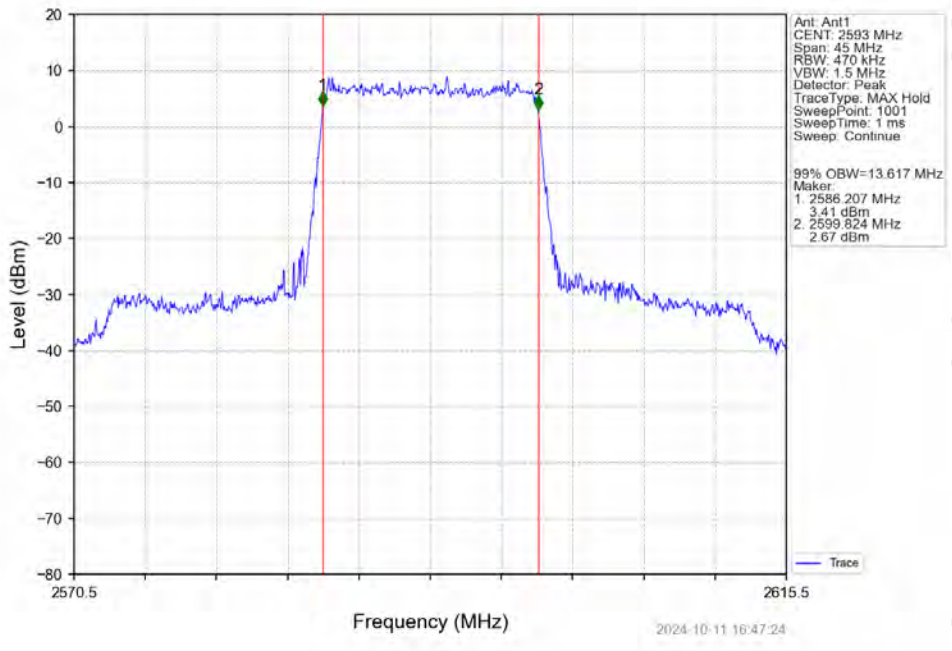
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



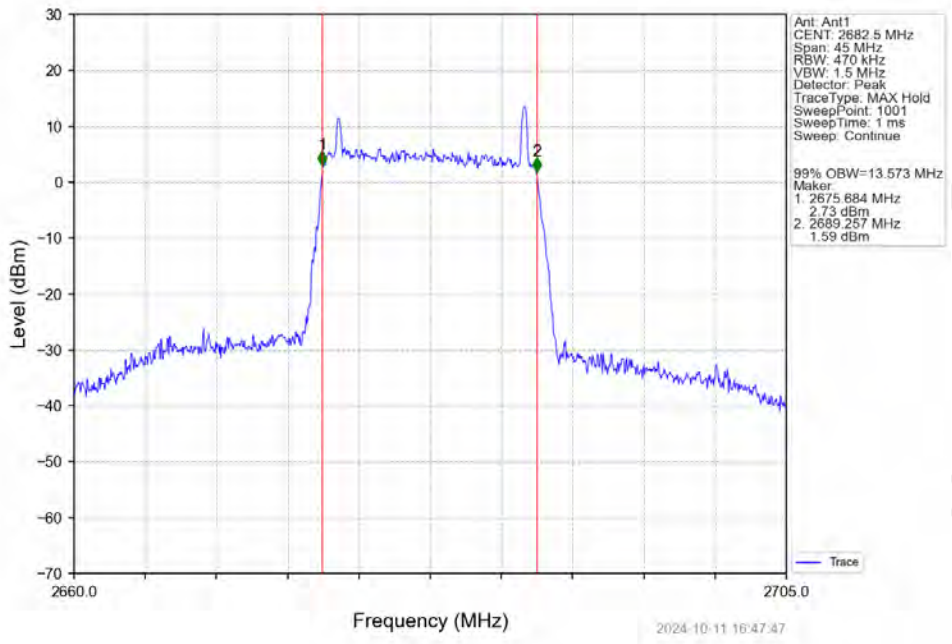
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



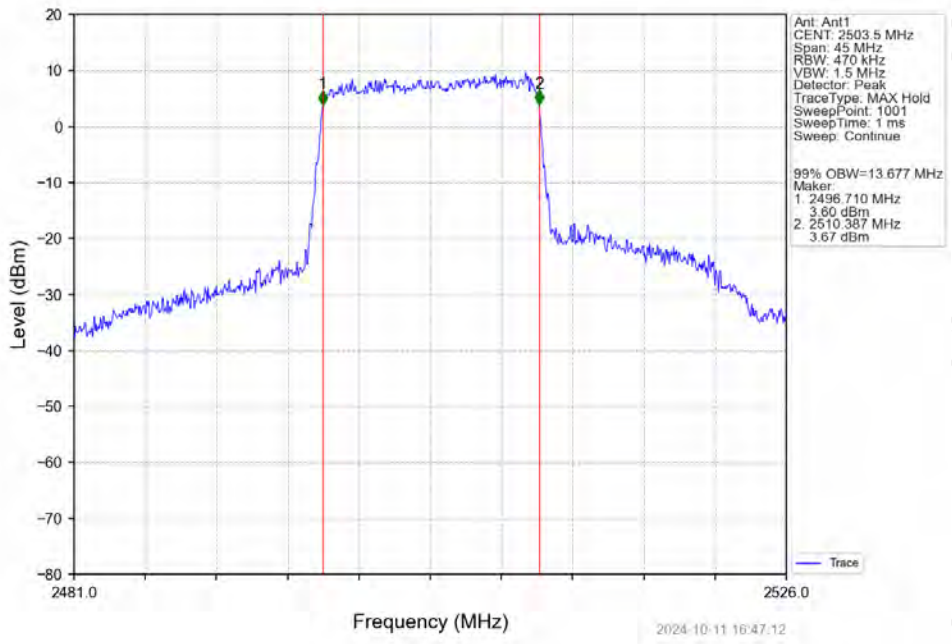
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



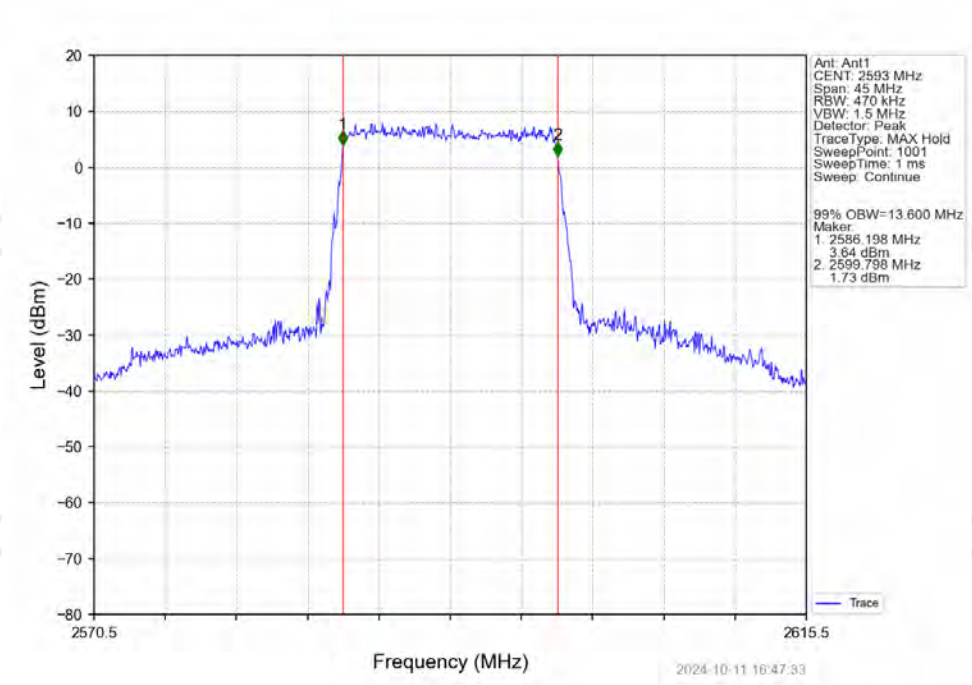
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



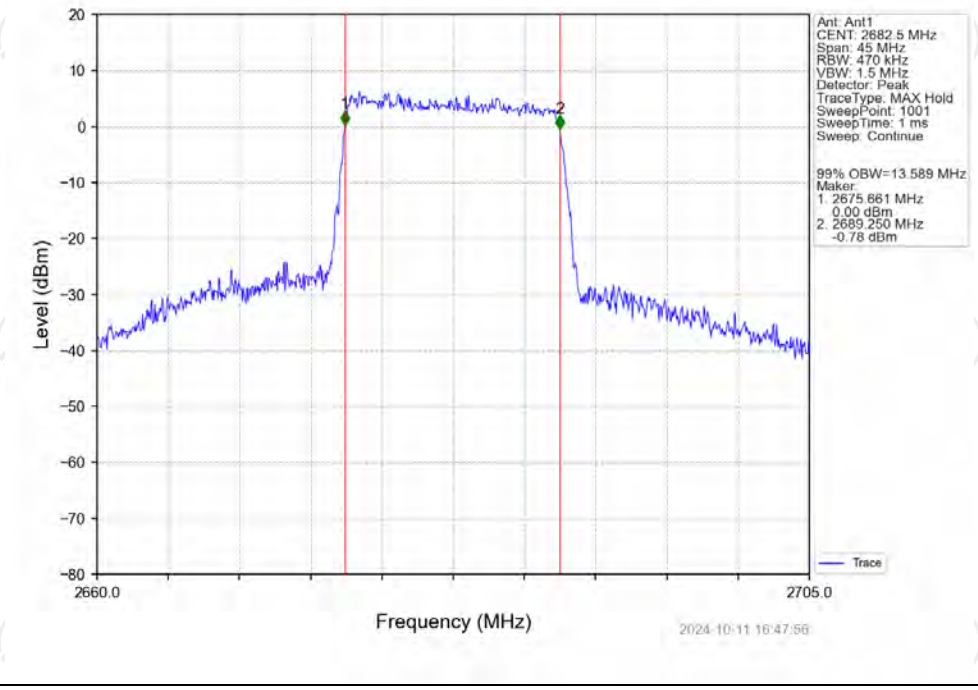
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



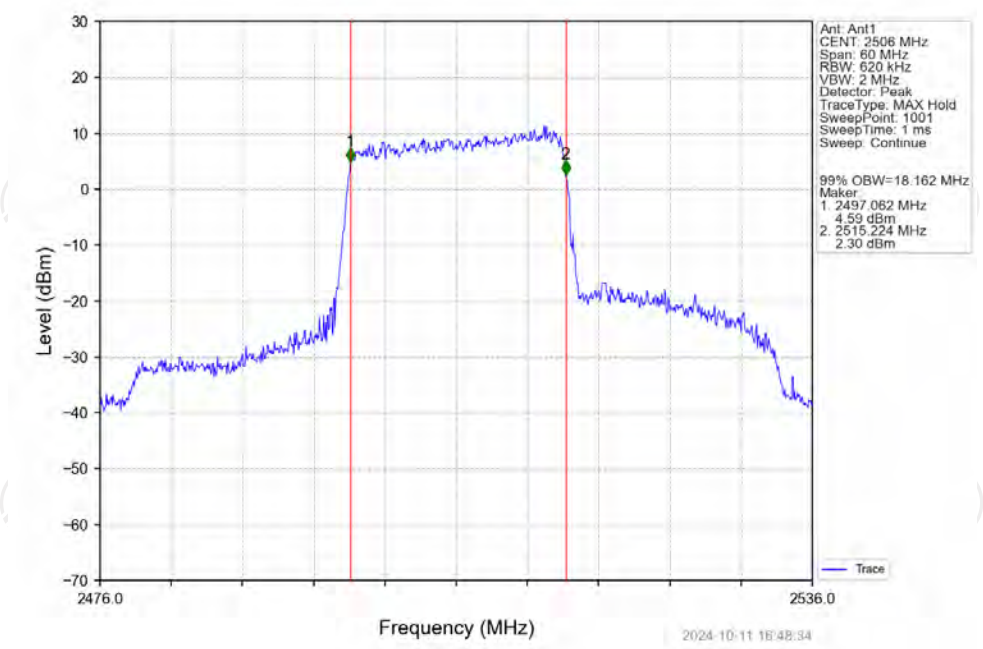
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



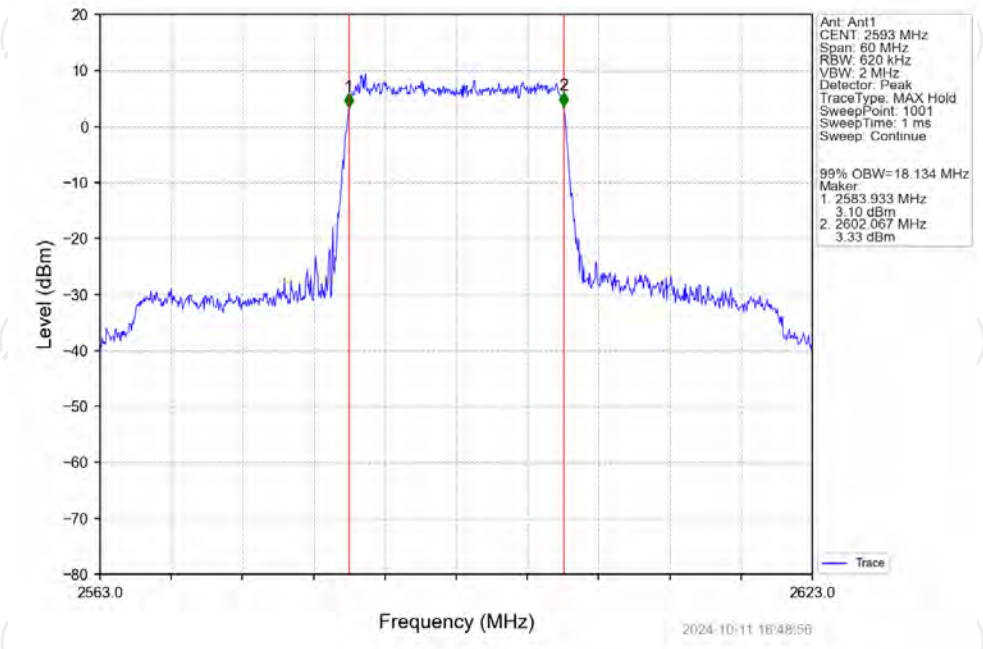
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



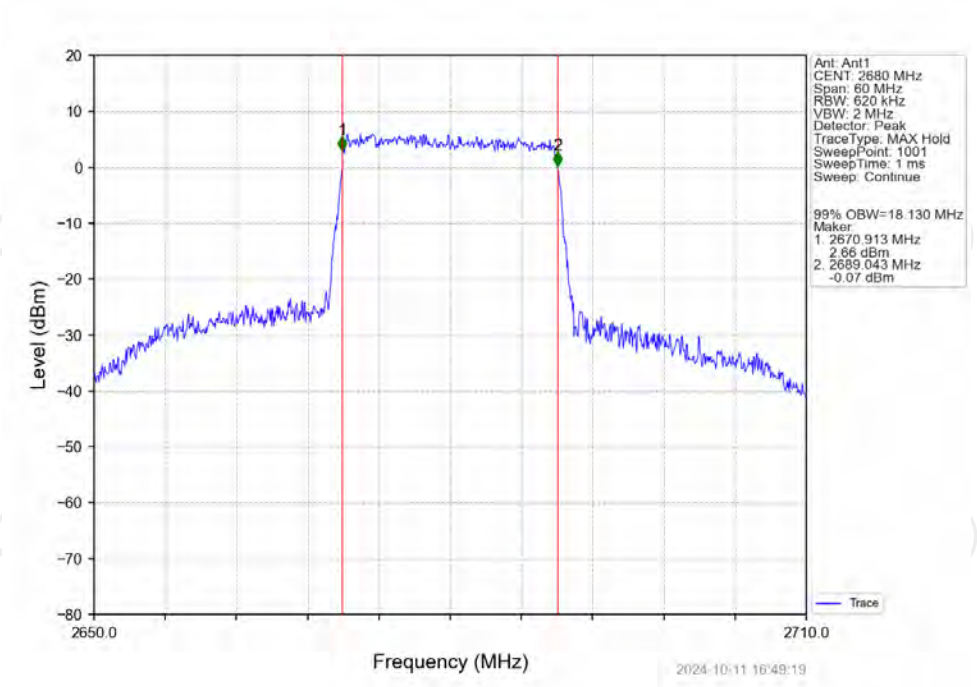
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



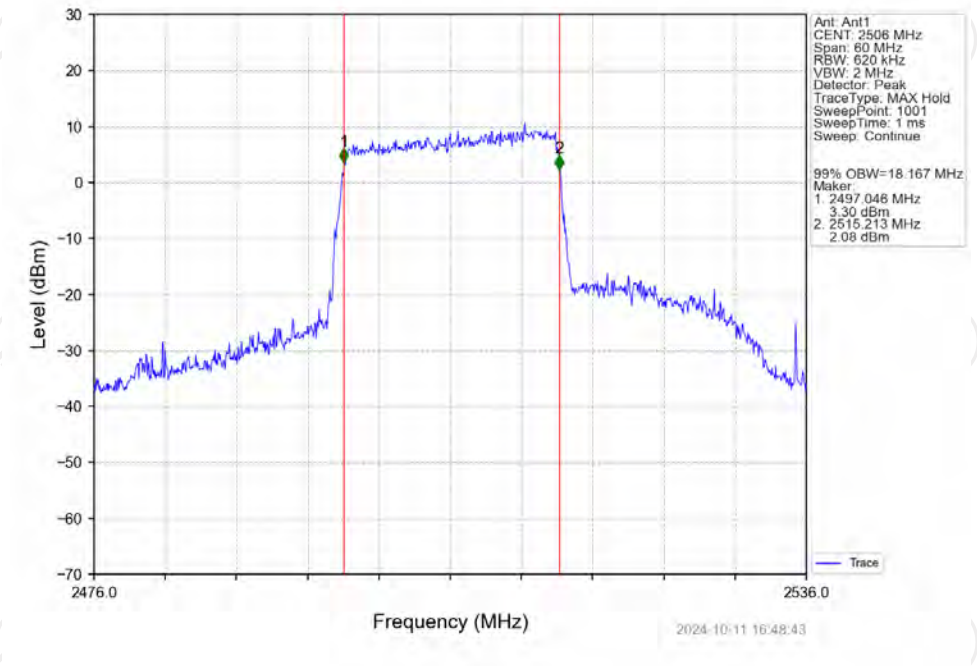
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



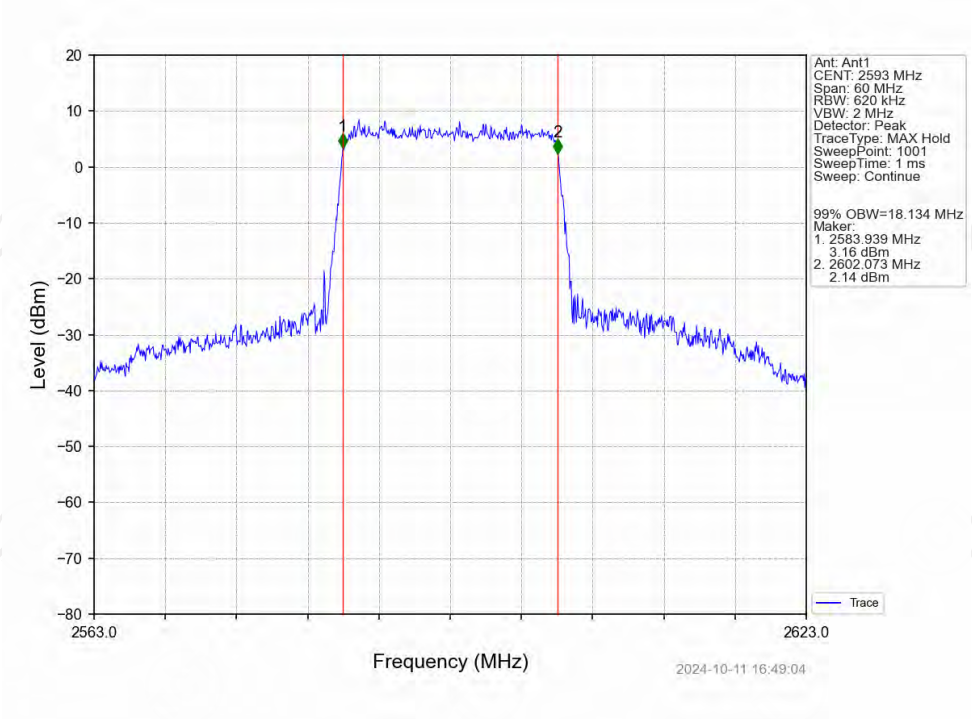
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



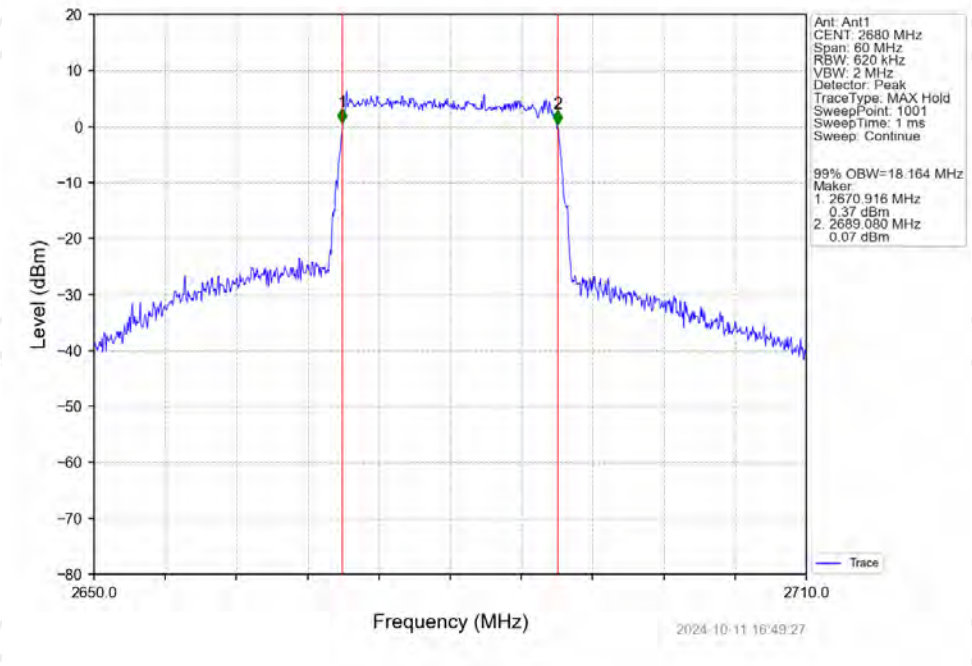
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV

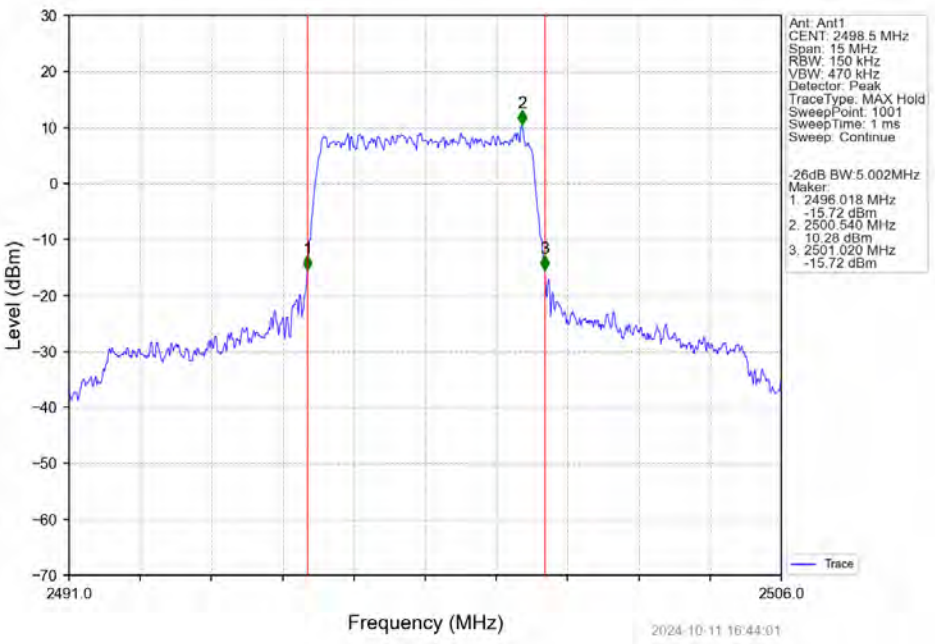


Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV

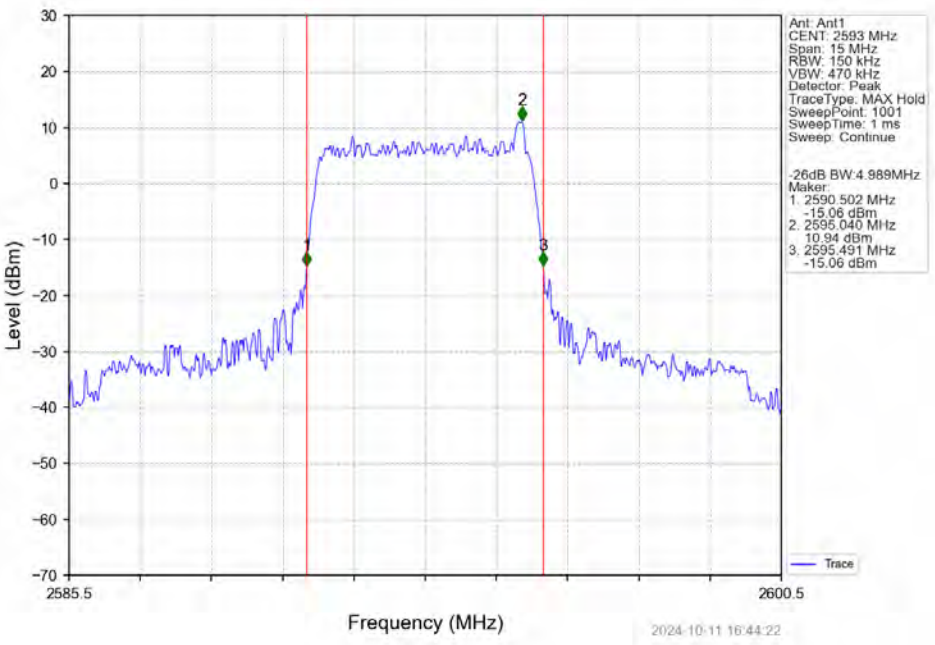


4.2.2 Band41_XDB

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



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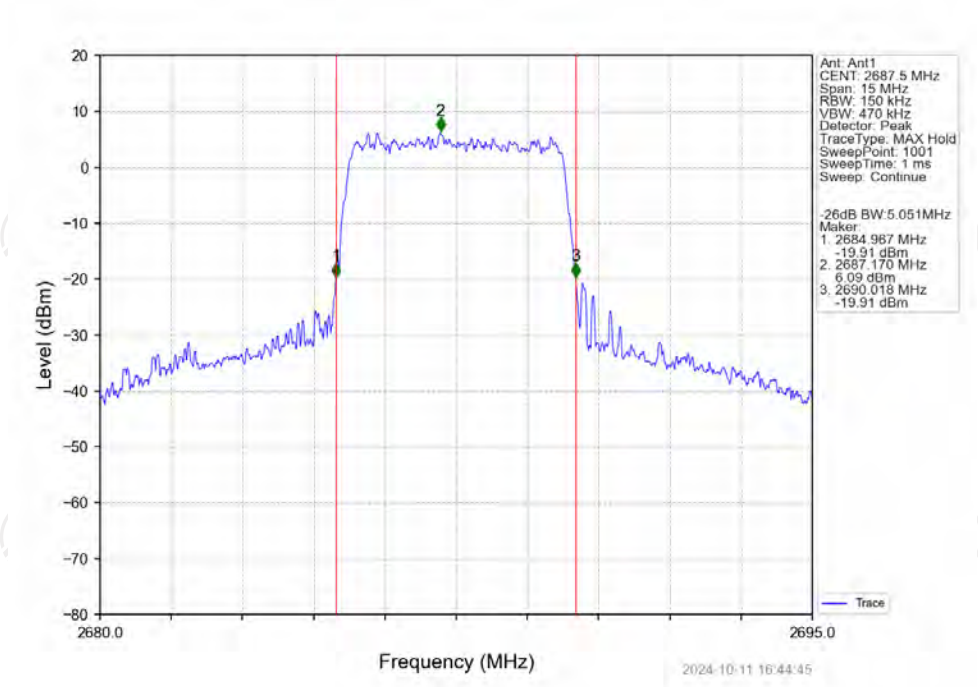
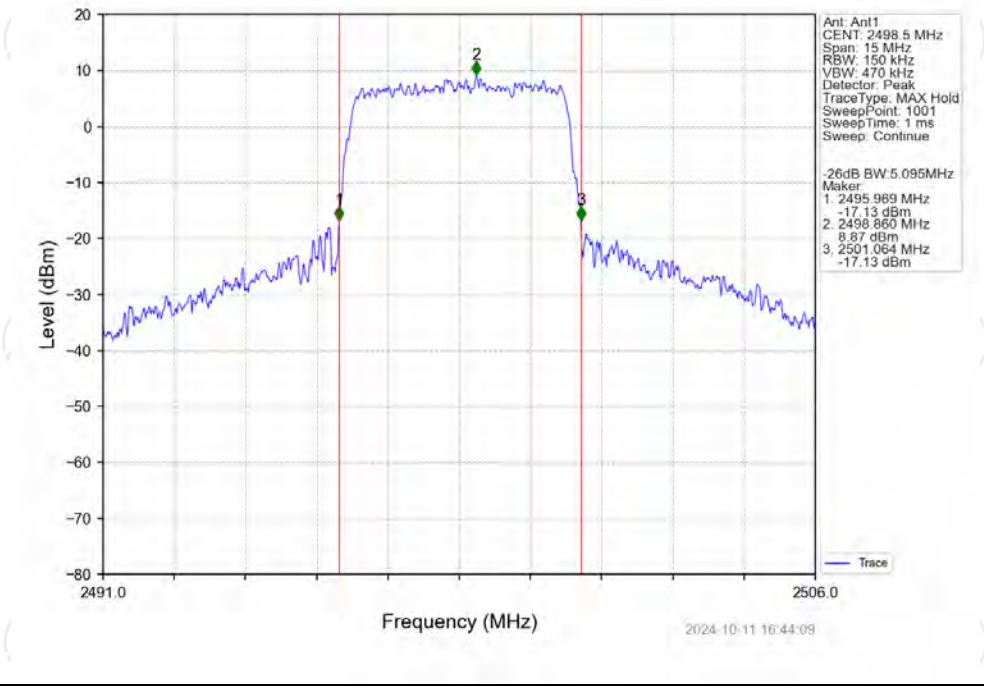
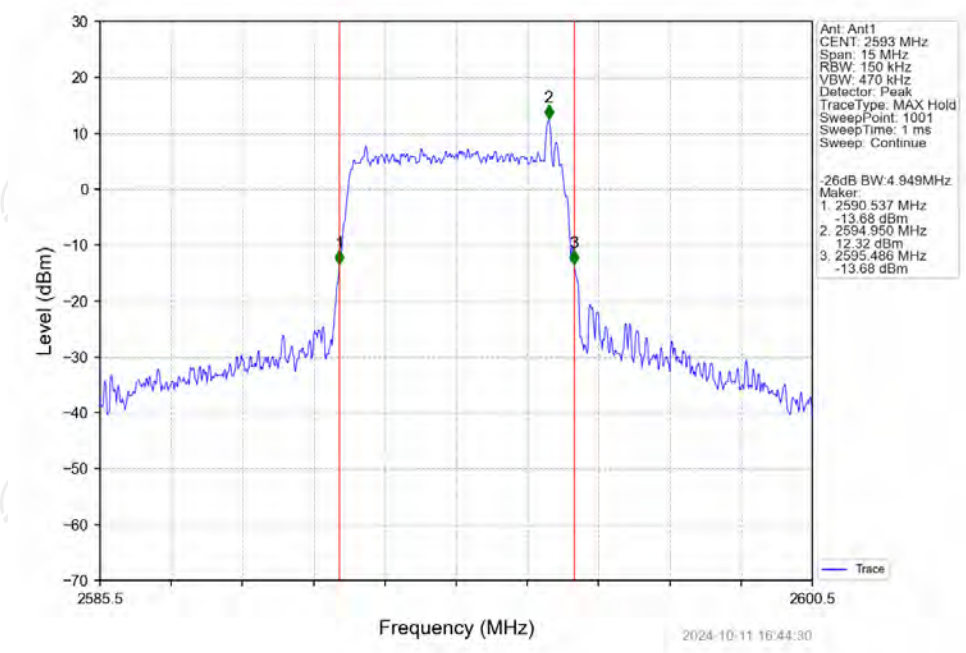
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



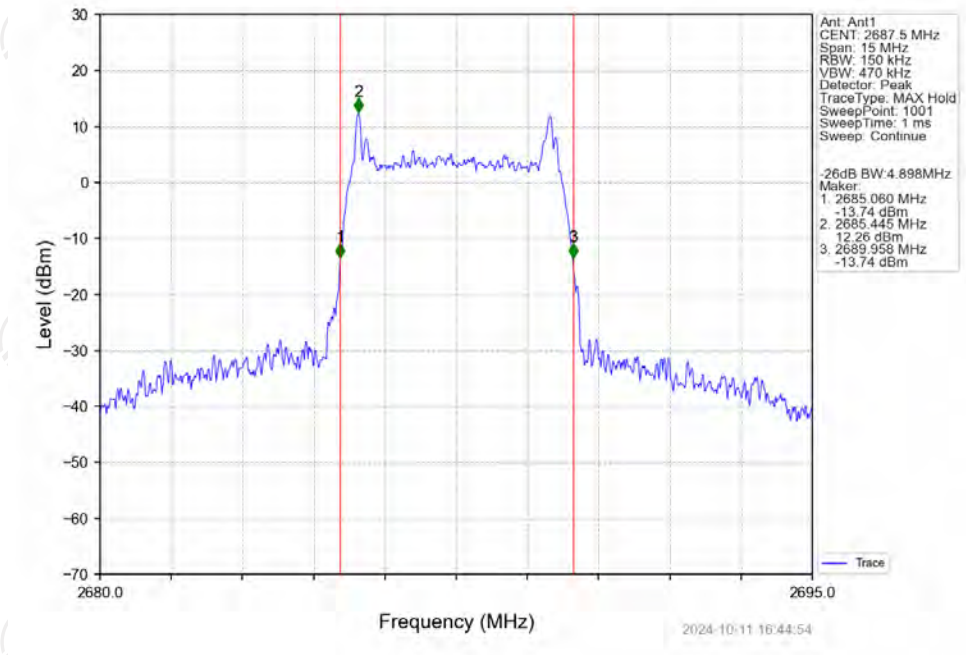
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



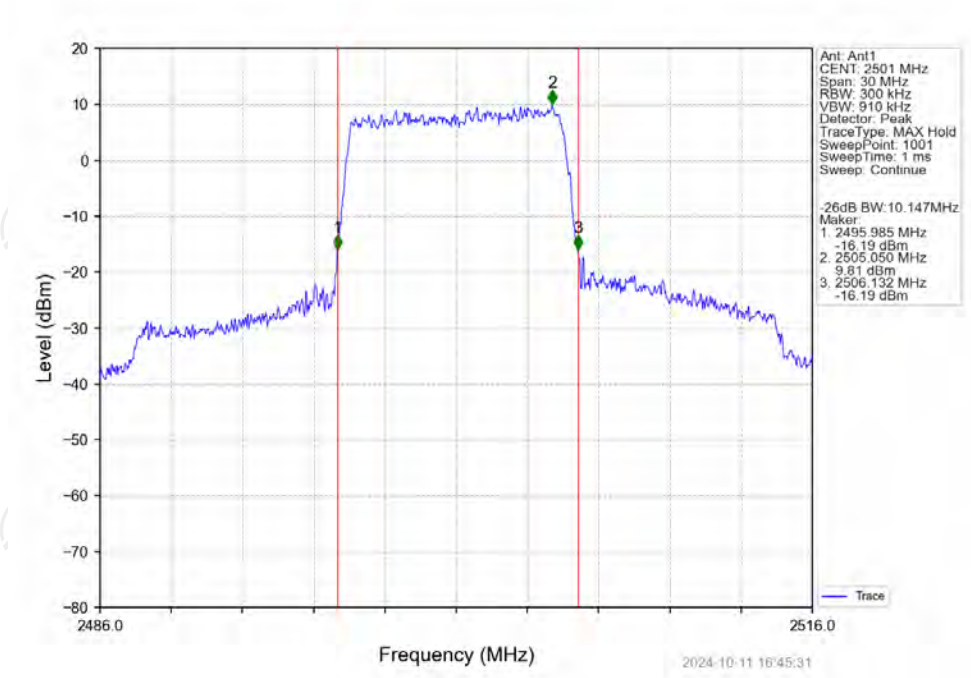
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



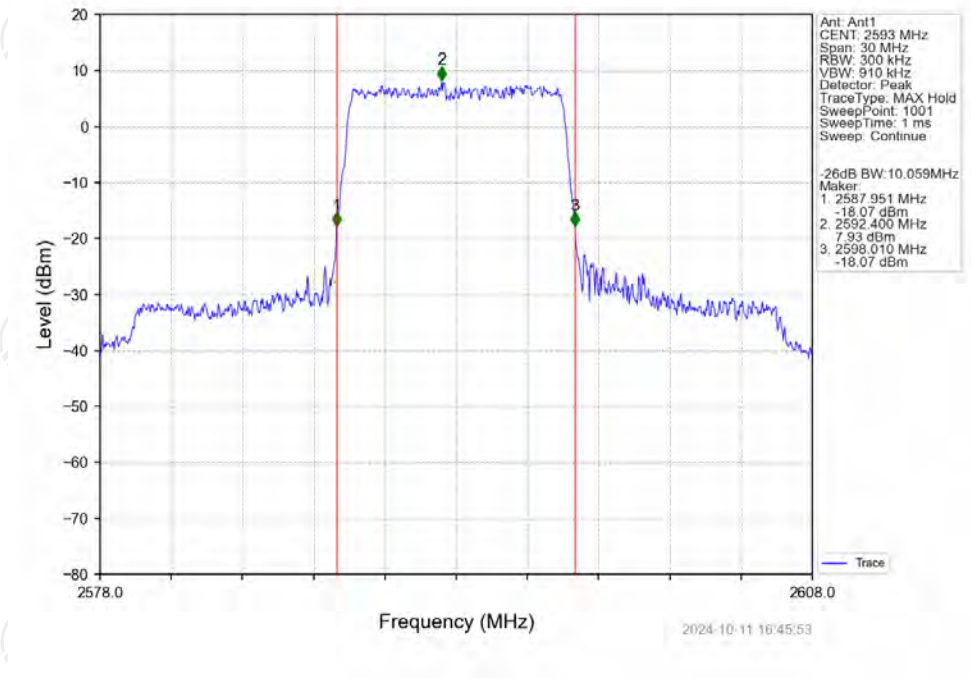
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



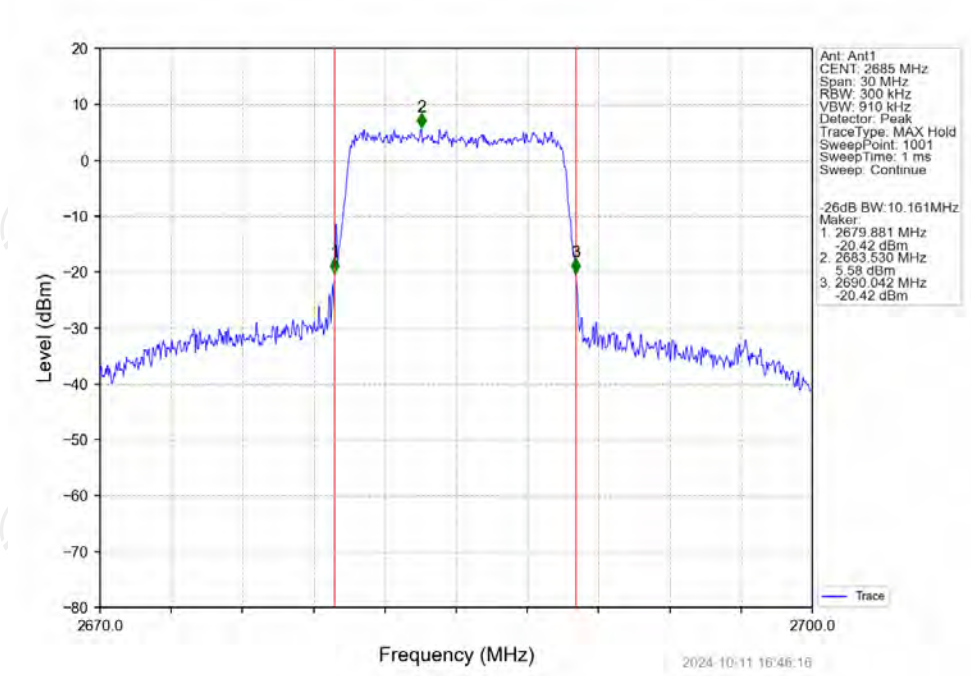
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



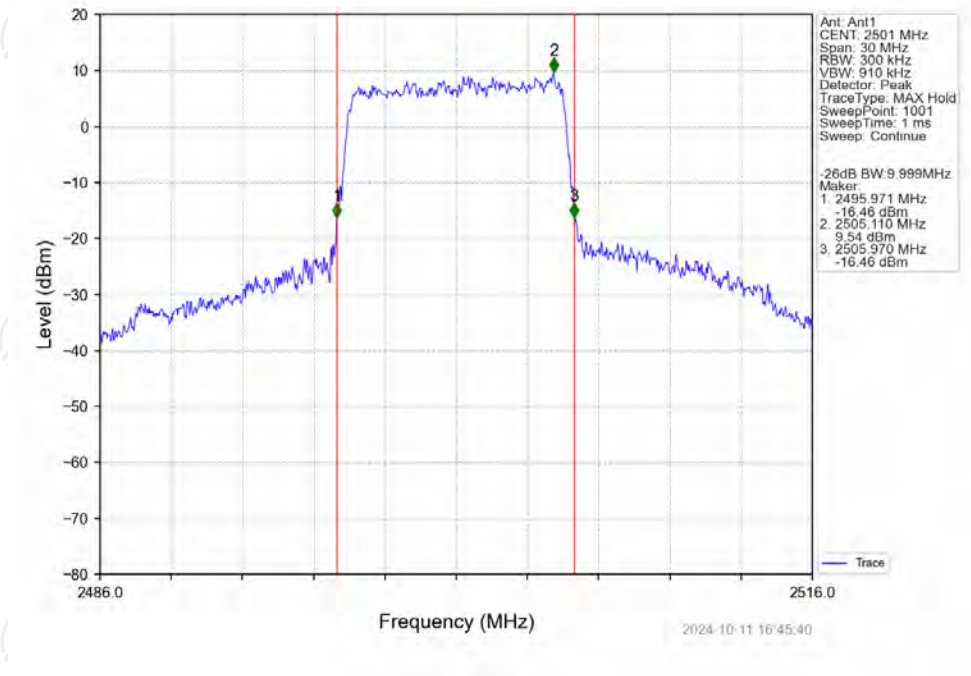
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



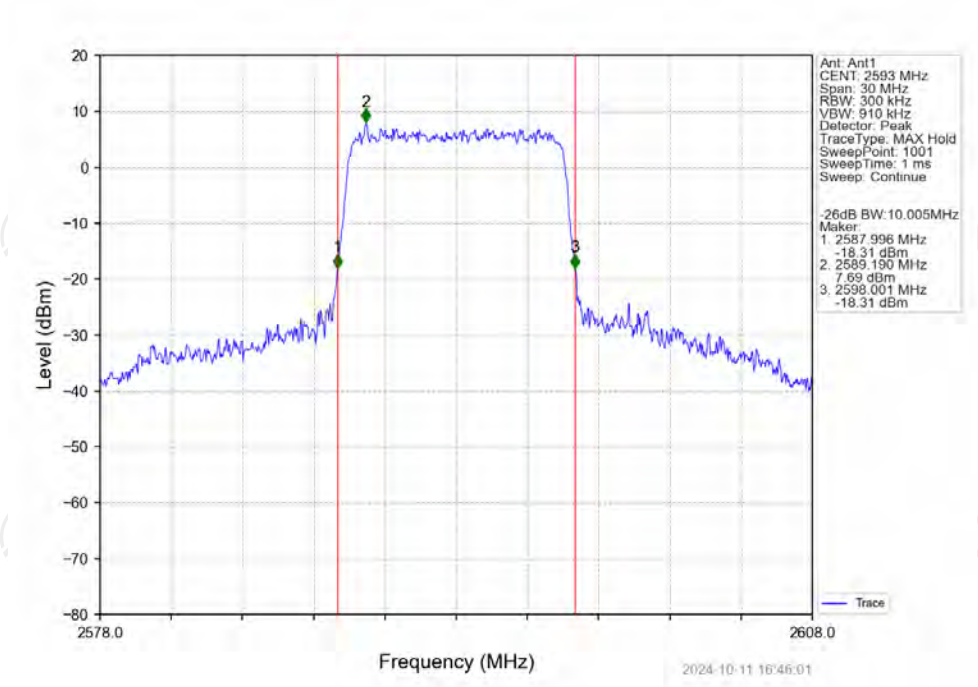
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



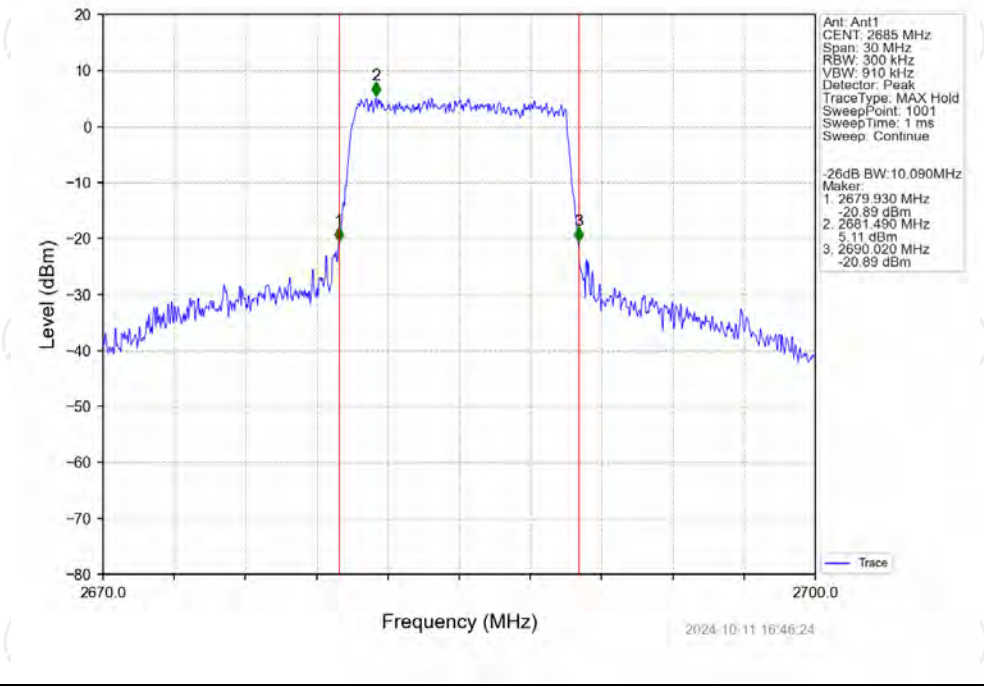
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



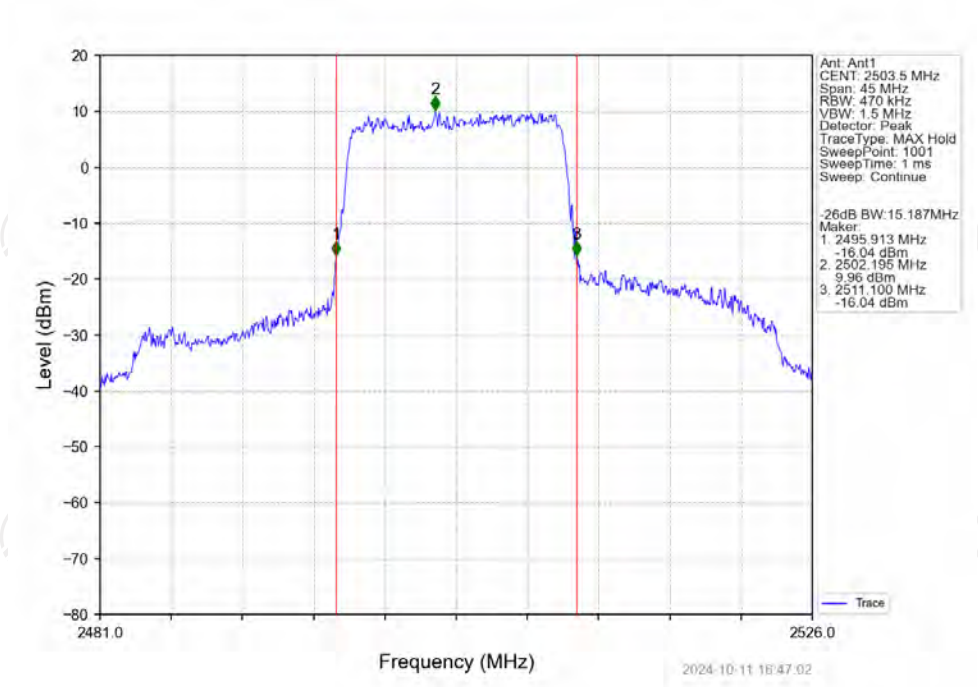
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



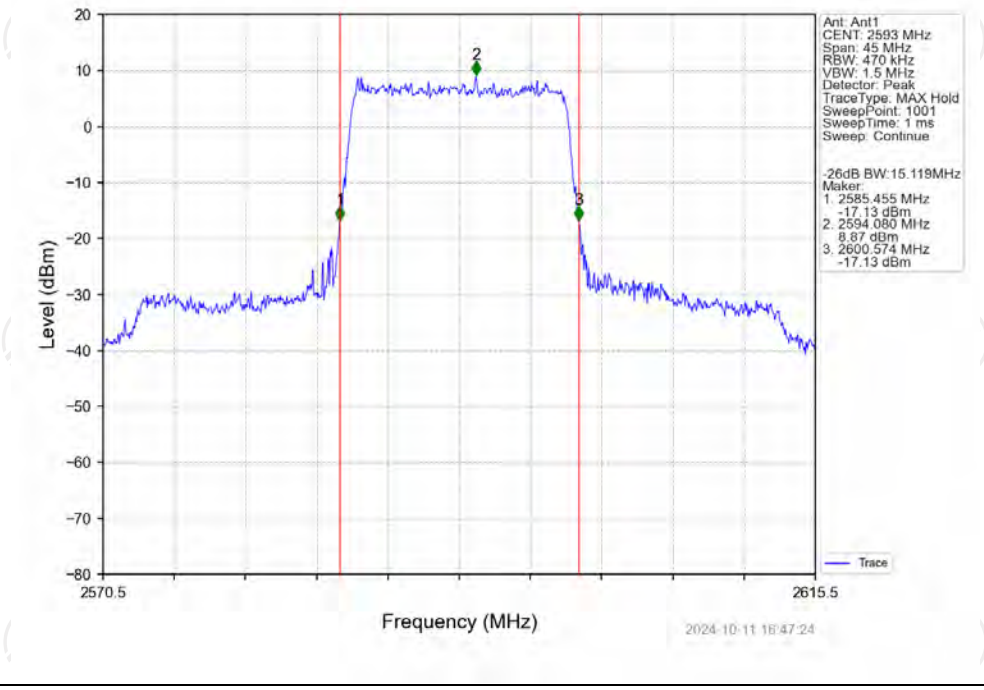
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



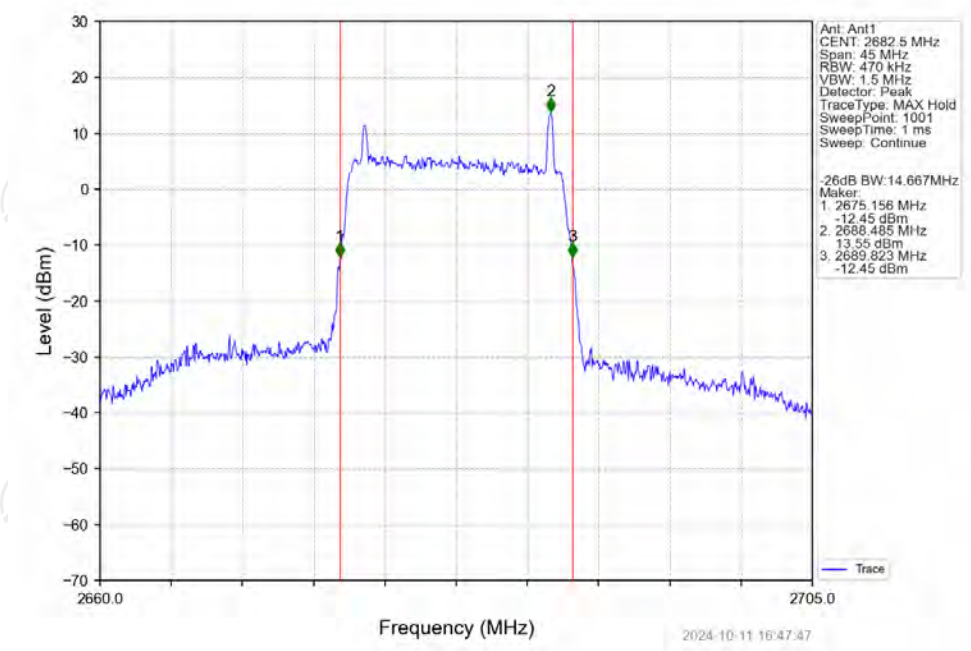
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



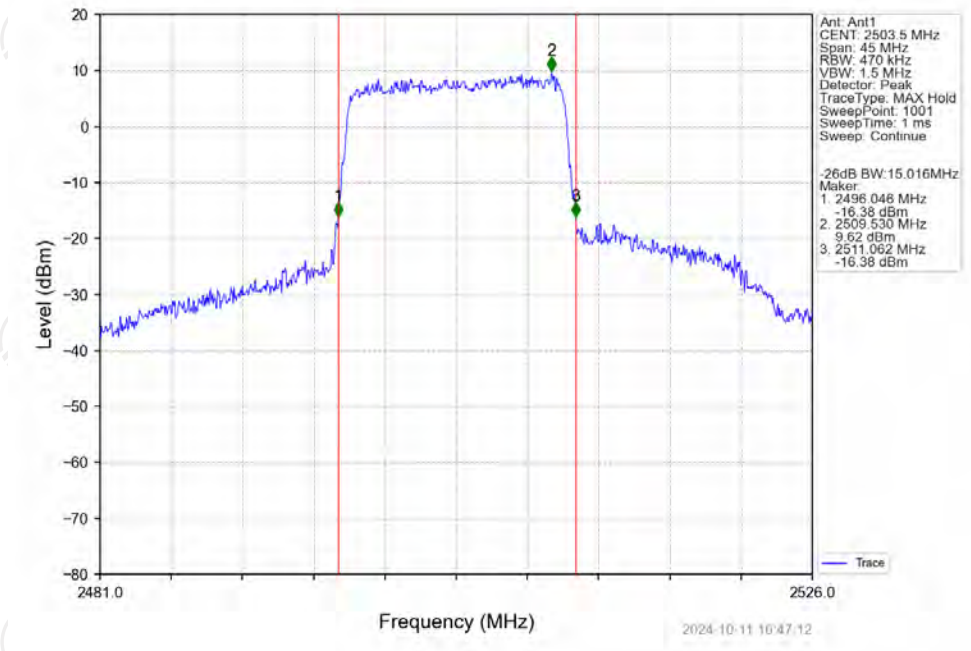
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



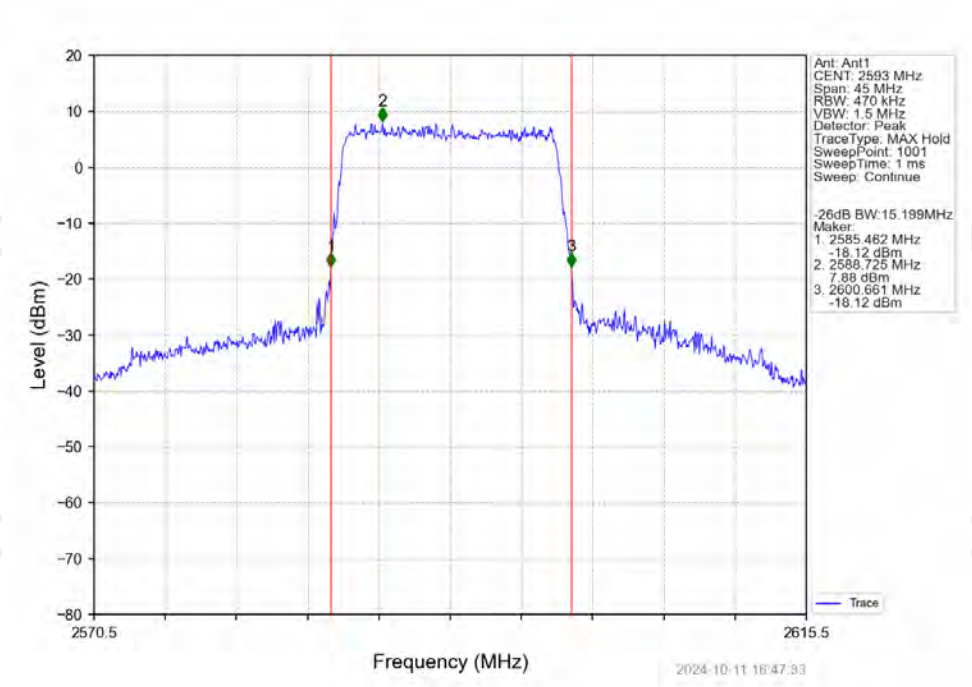
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



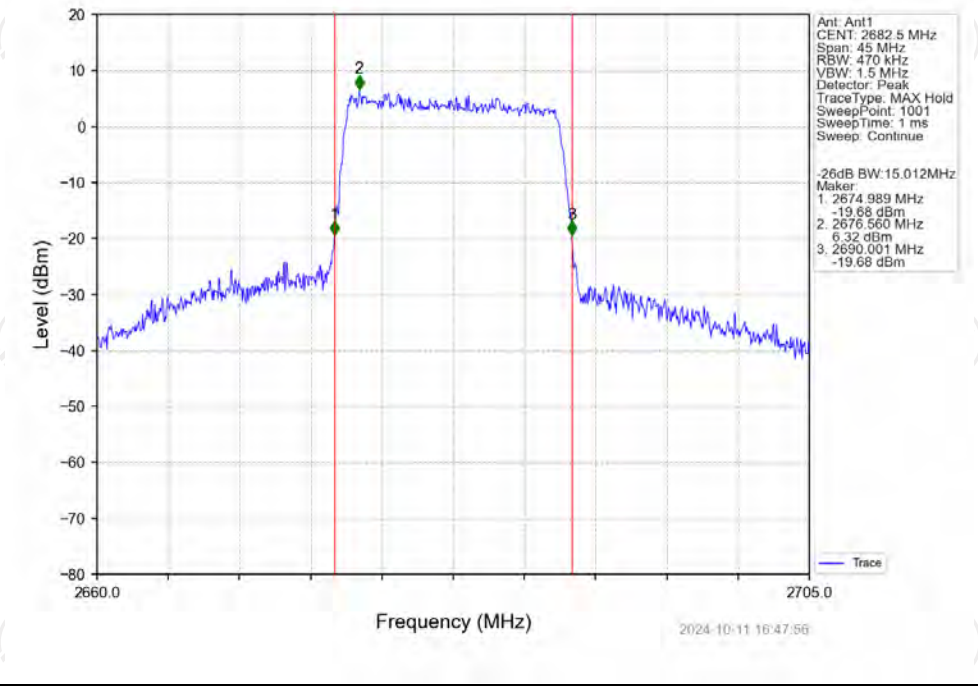
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



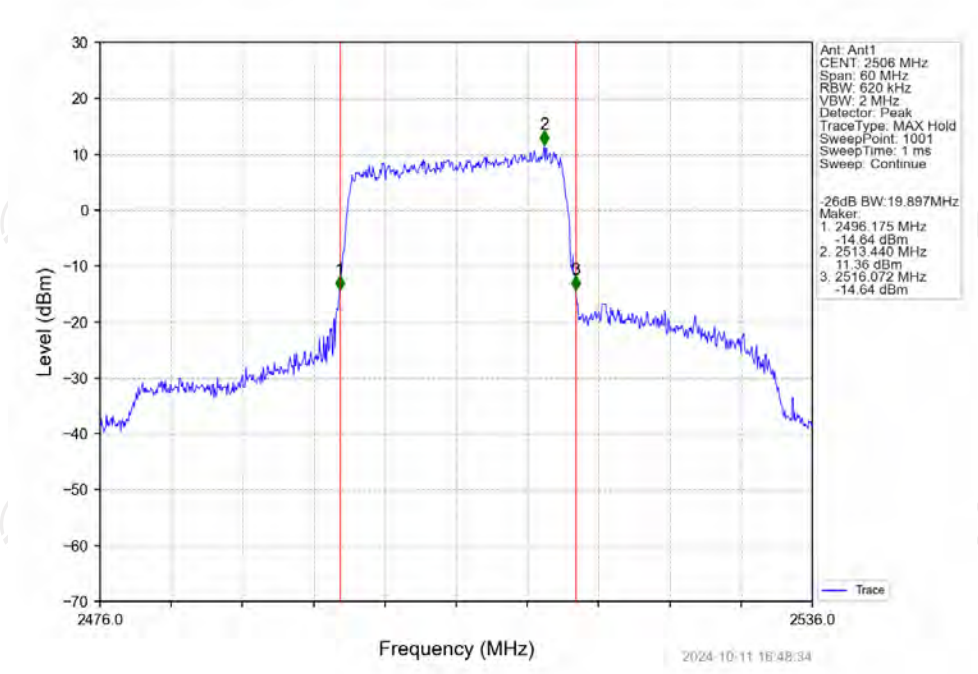
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



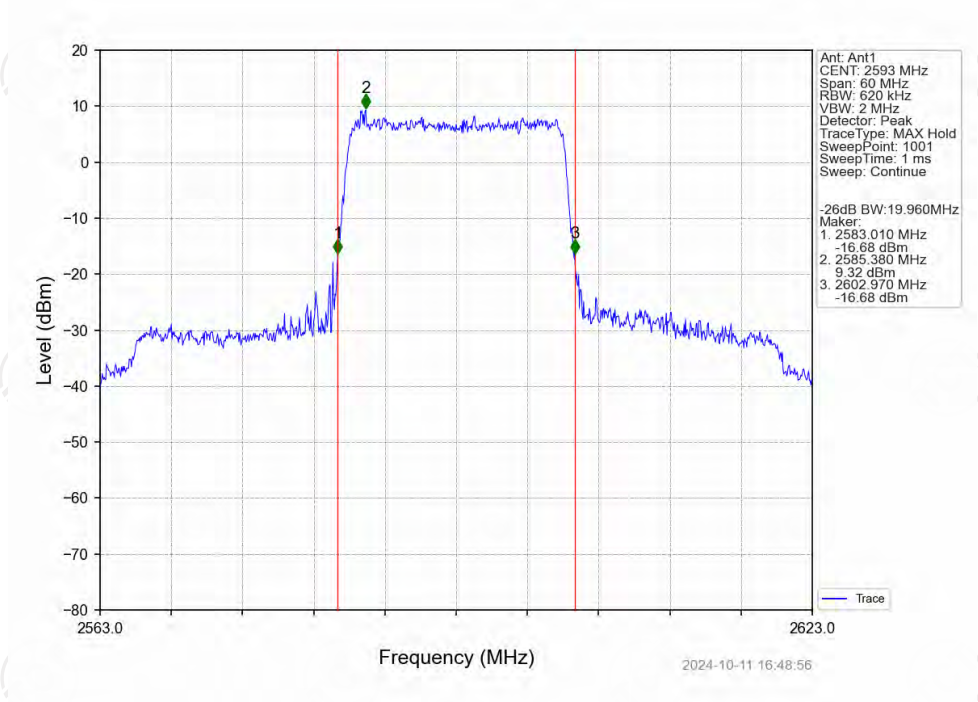
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



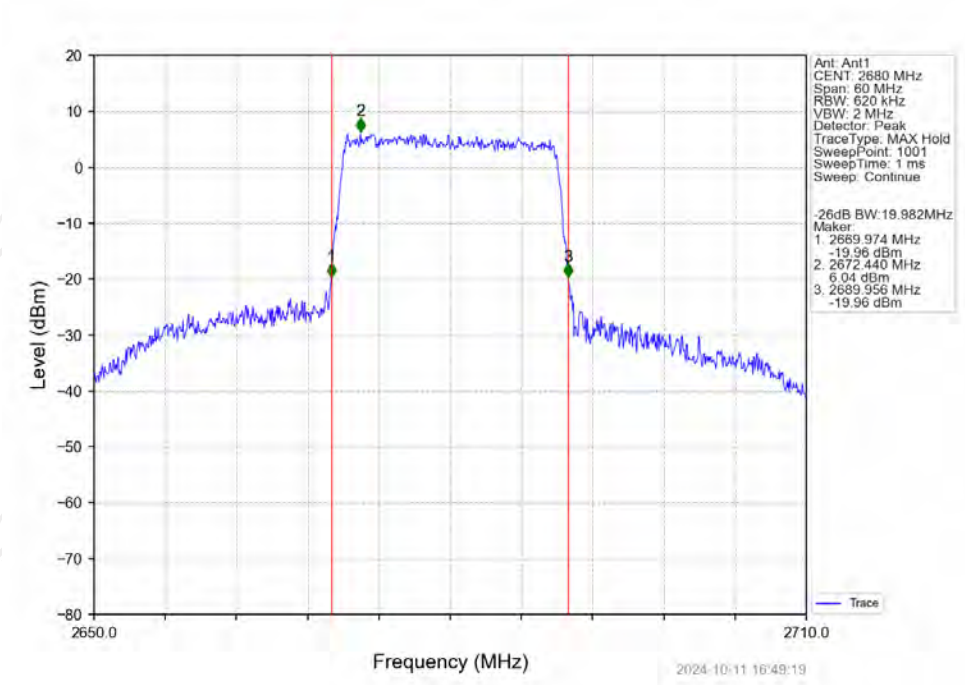
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



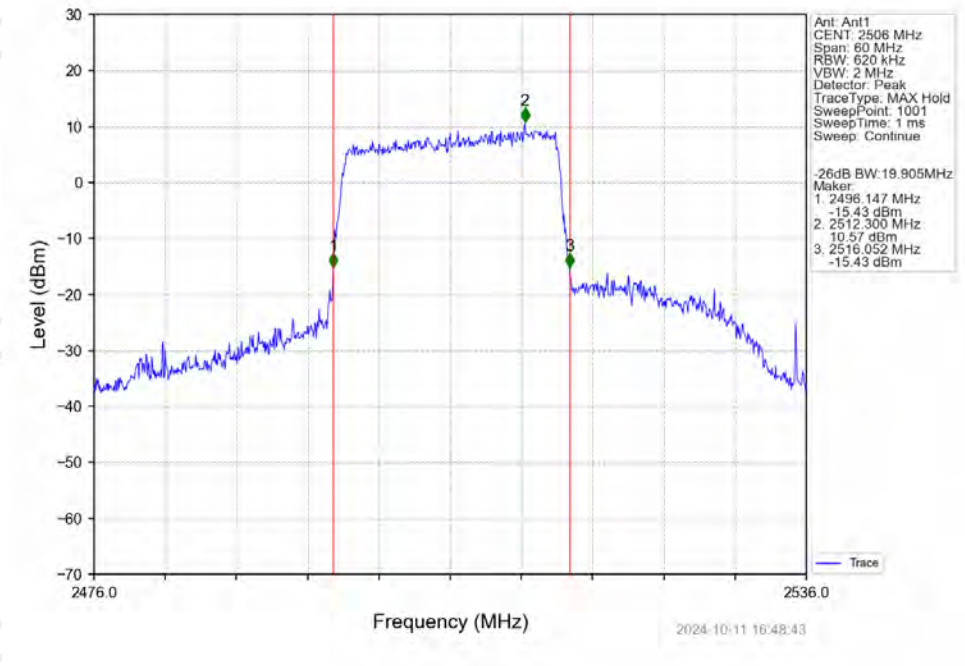
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



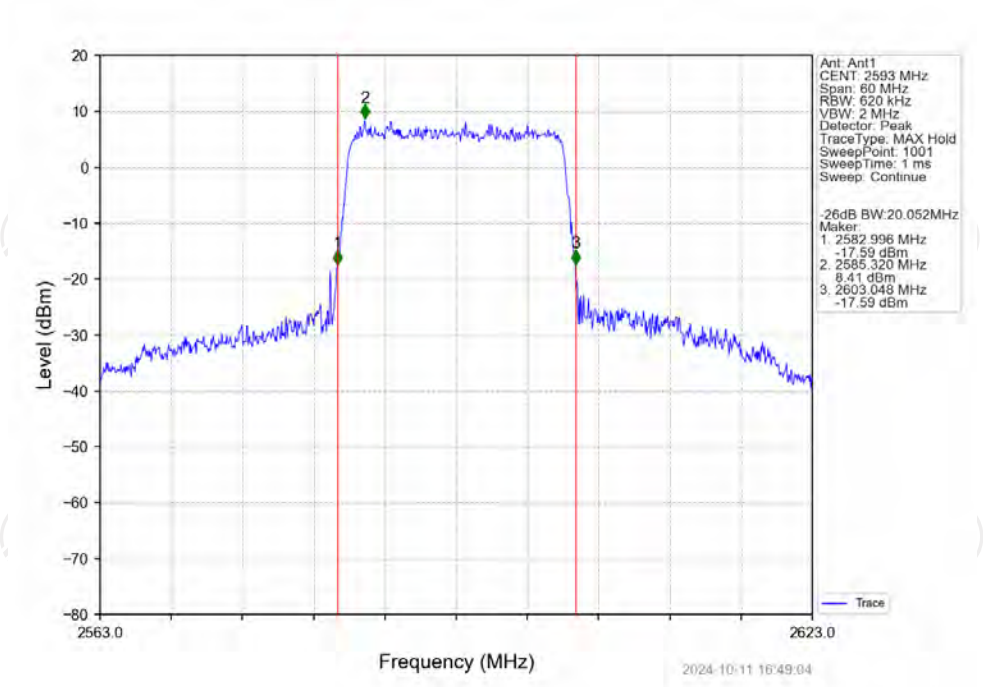
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



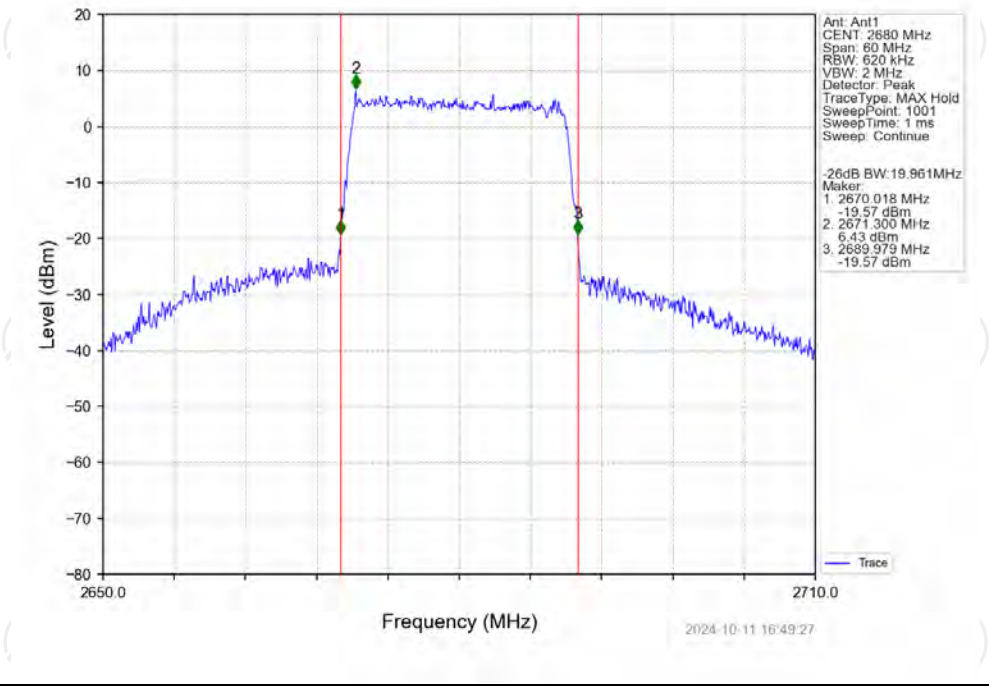
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.33	<=13	Pass
	2593	25	0	7.49	<=13	Pass
	2687.5	25	0	7.68	<=13	Pass
16QAM	2498.5	25	0	7.75	<=13	Pass
	2593	25	0	7.90	<=13	Pass
	2687.5	25	0	8.22	<=13	Pass

5.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.41	<=13	Pass
	2593	50	0	7.54	<=13	Pass
	2685	50	0	7.59	<=13	Pass
16QAM	2501	50	0	8.17	<=13	Pass
	2593	50	0	8.19	<=13	Pass
	2685	50	0	8.27	<=13	Pass

5.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	7.44	<=13	Pass
	2593	75	0	7.70	<=13	Pass
	2682.5	75	0	7.58	<=13	Pass
16QAM	2503.5	75	0	7.85	<=13	Pass
	2593	75	0	8.39	<=13	Pass
	2682.5	75	0	8.10	<=13	Pass

5.1.4 B41_20MHz

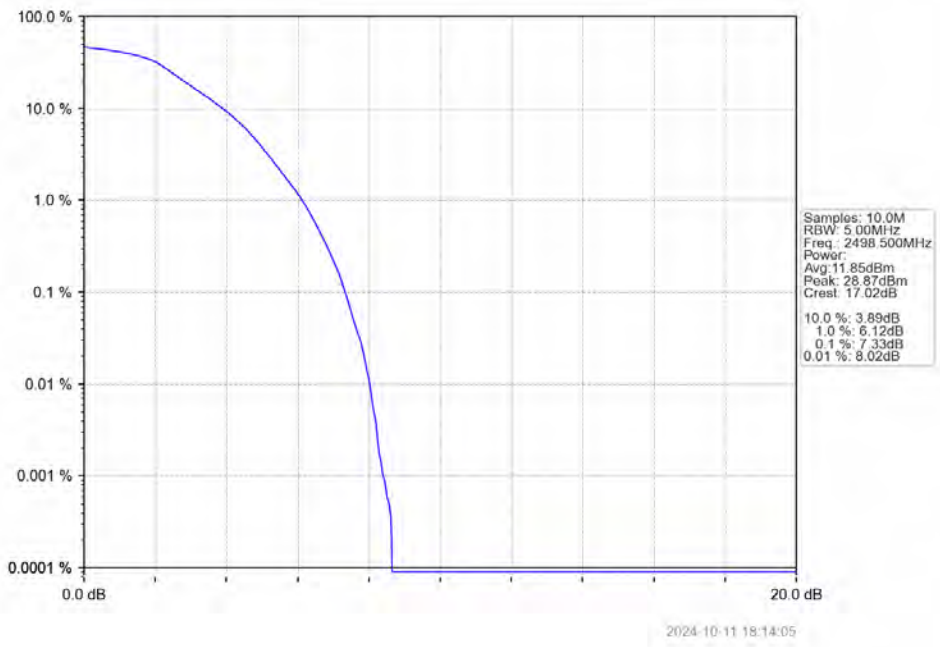
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.28	<=13	Pass
	2593	100	0	7.48	<=13	Pass
	2680	100	0	6.94	<=13	Pass
16QAM	2506	100	0	7.71	<=13	Pass
	2593	100	0	8.05	<=13	Pass

	2680	100	0	7.81	<=13	Pass

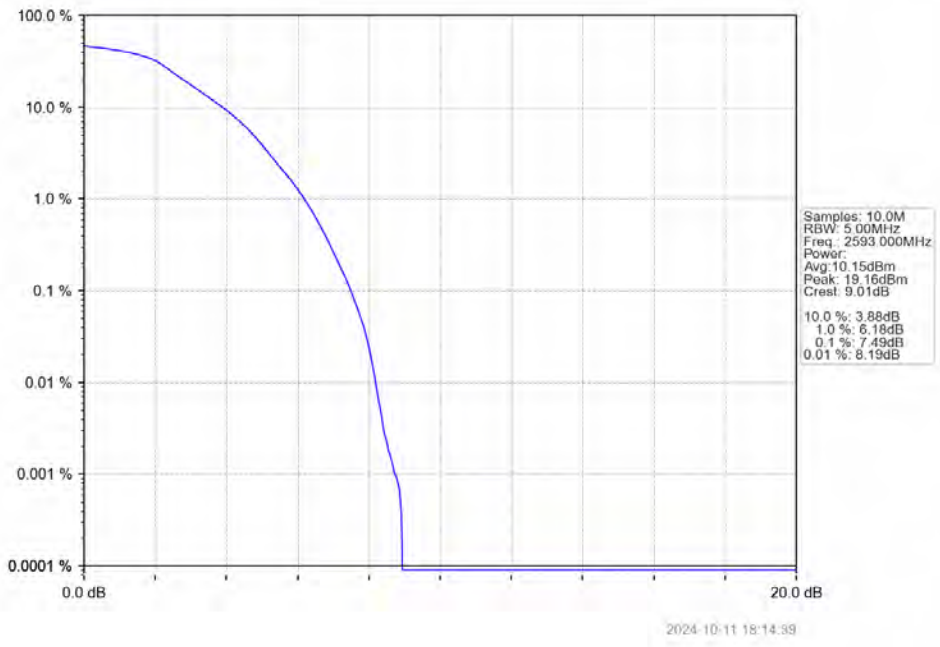
5.2 Test Graph

5.2.1 B41_5MHz

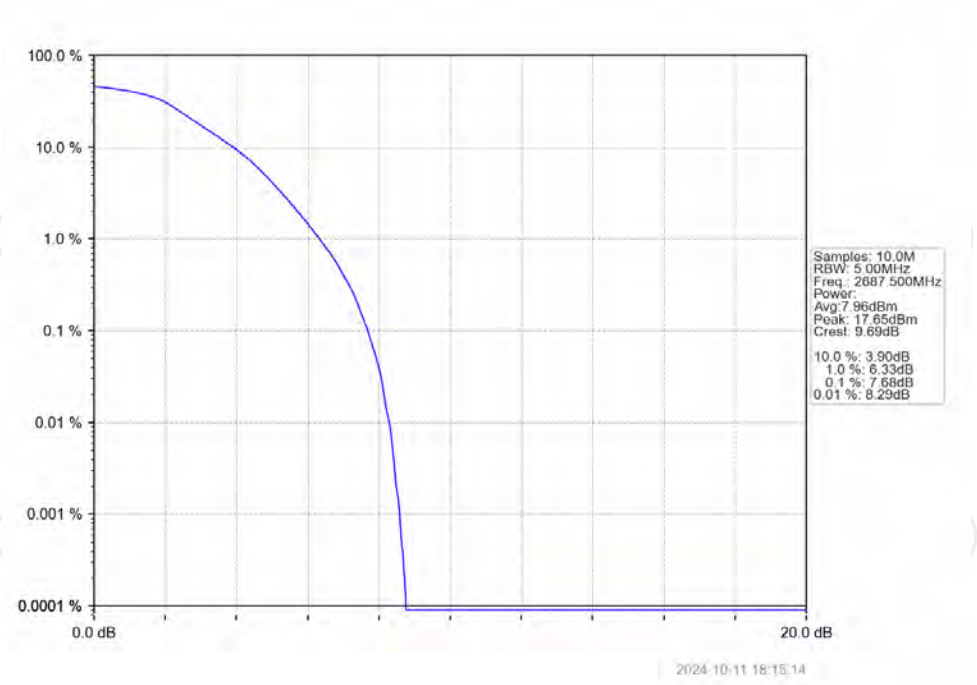
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



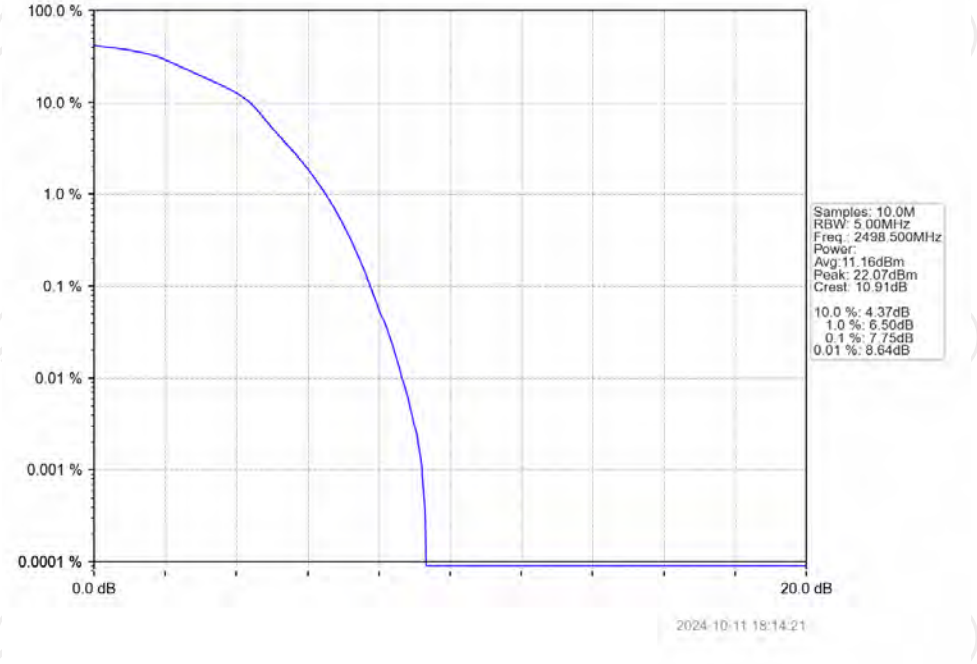
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



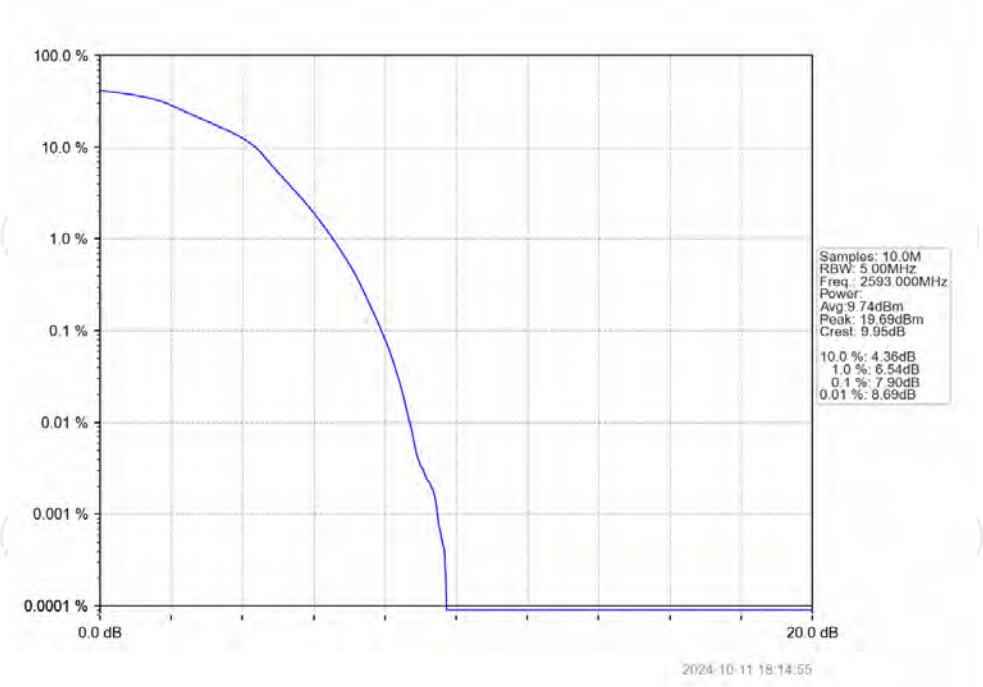
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



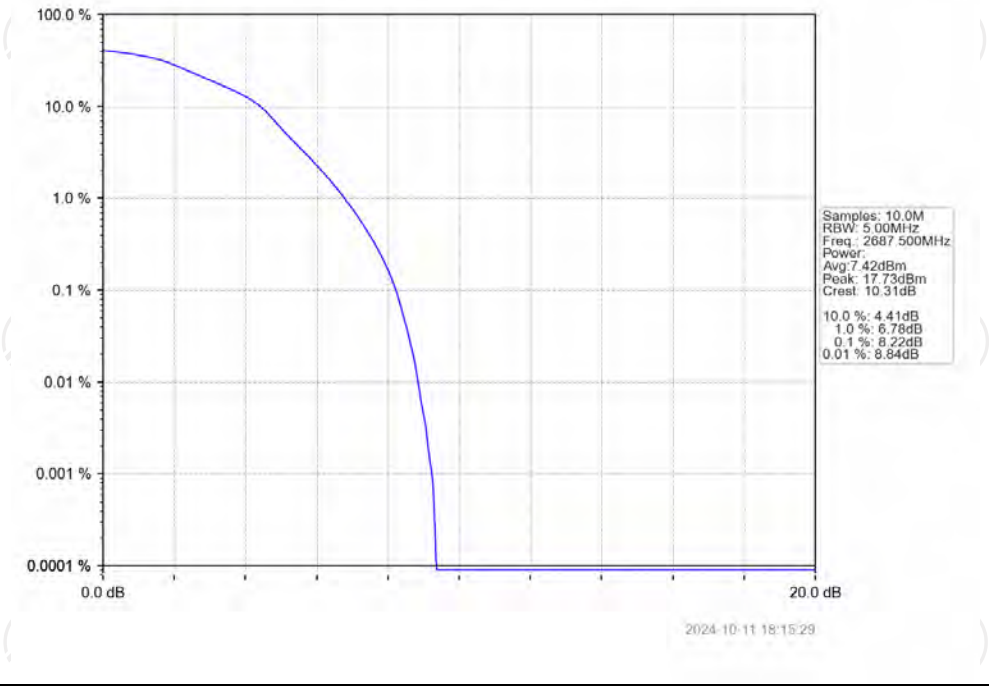
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV

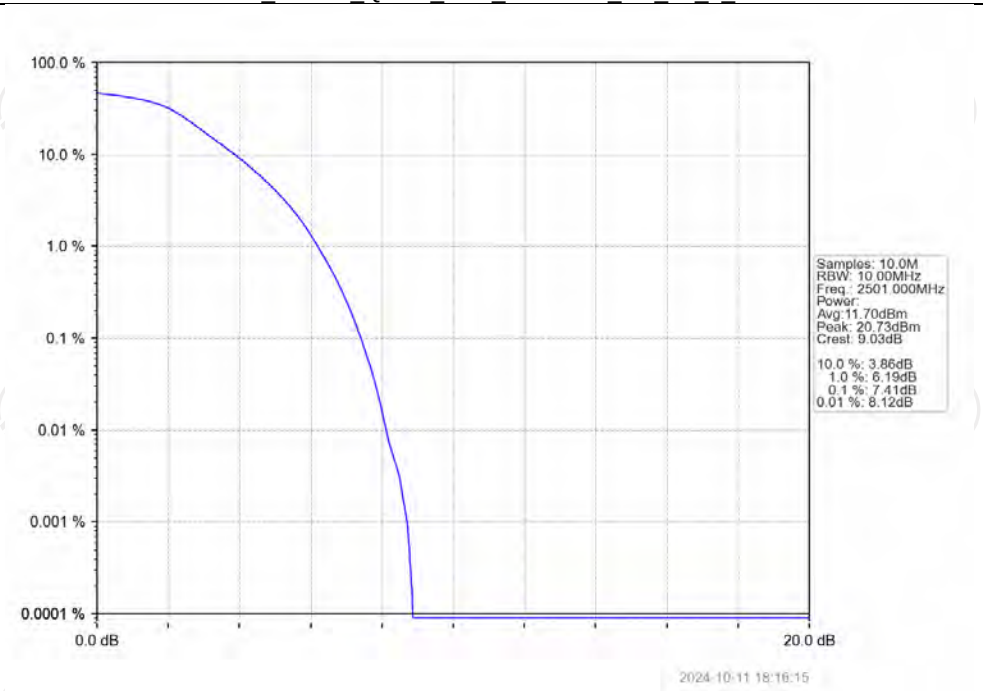


Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV

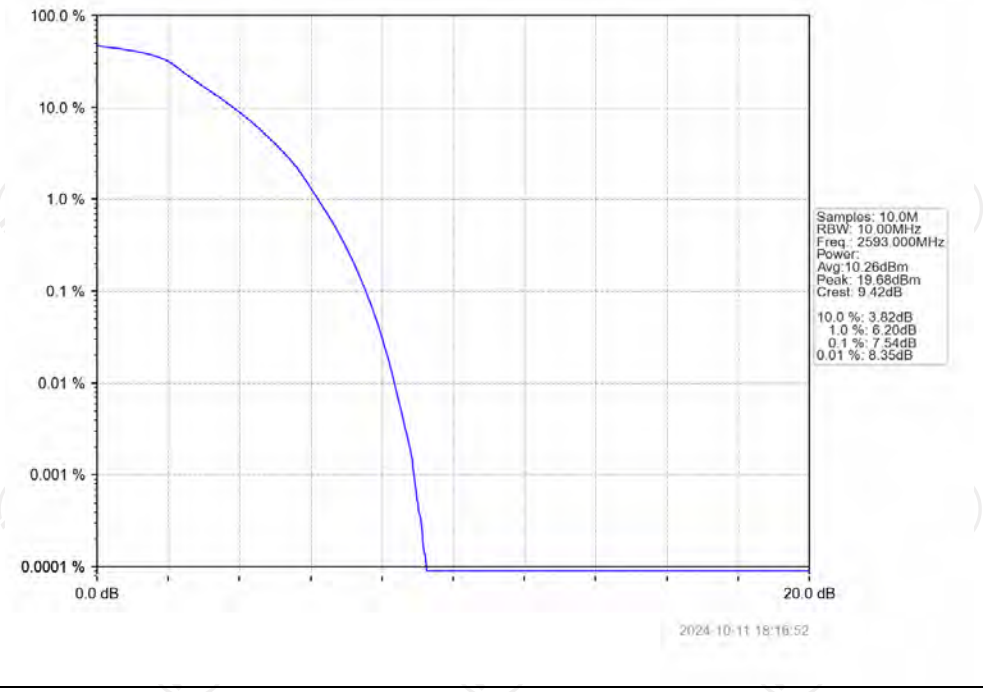


5.2.2 B41_10MHz

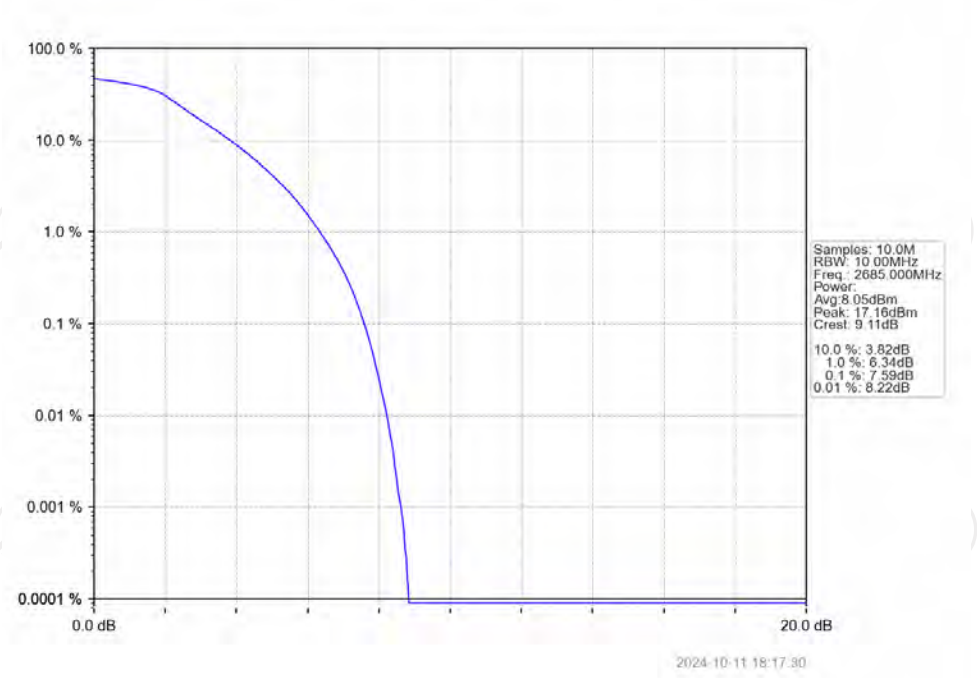
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



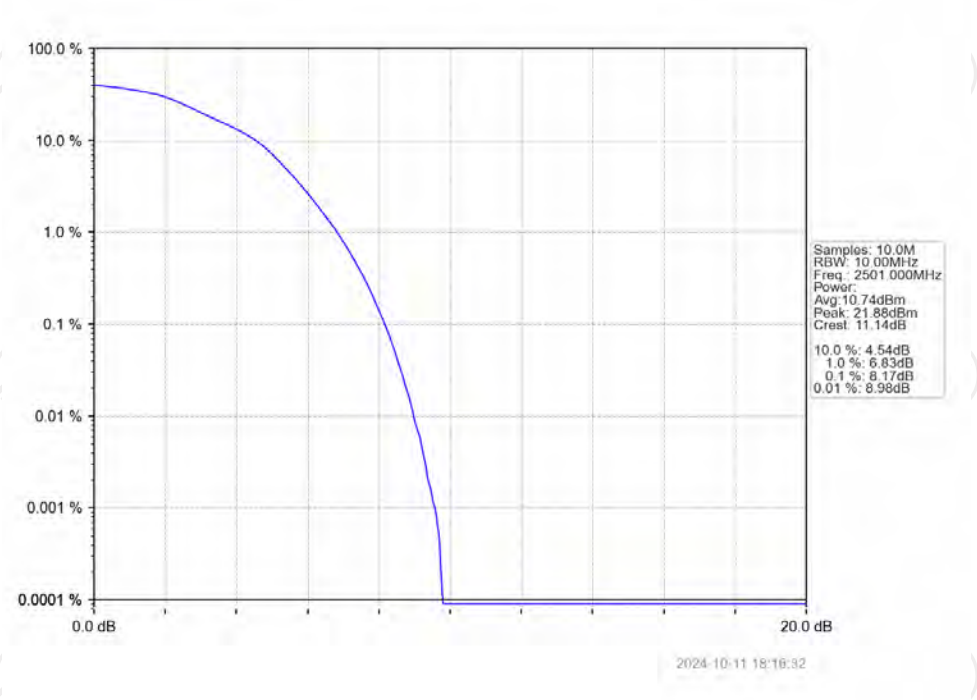
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



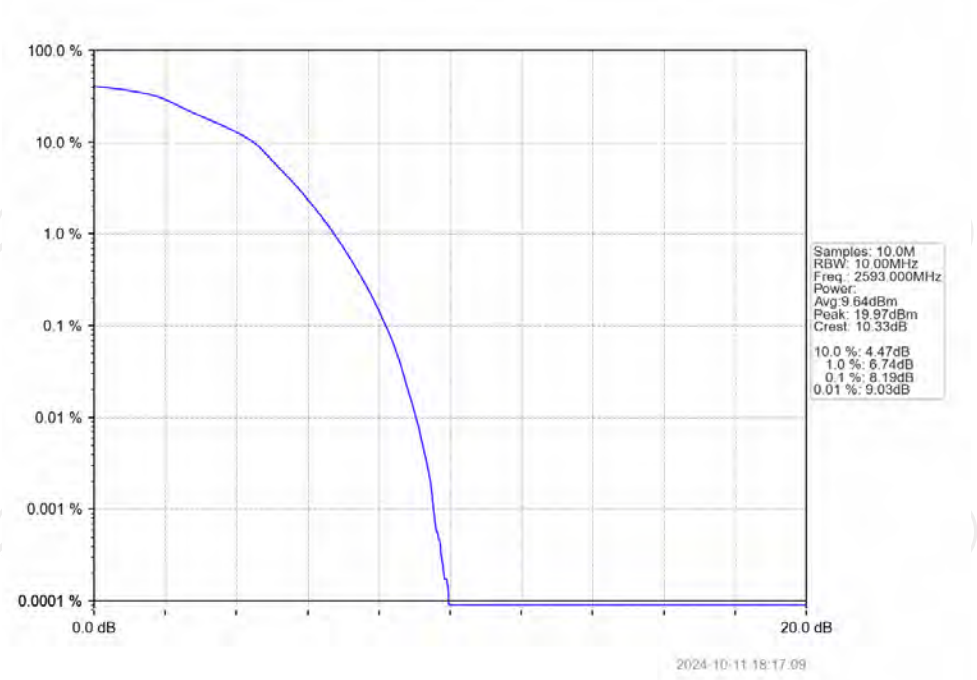
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



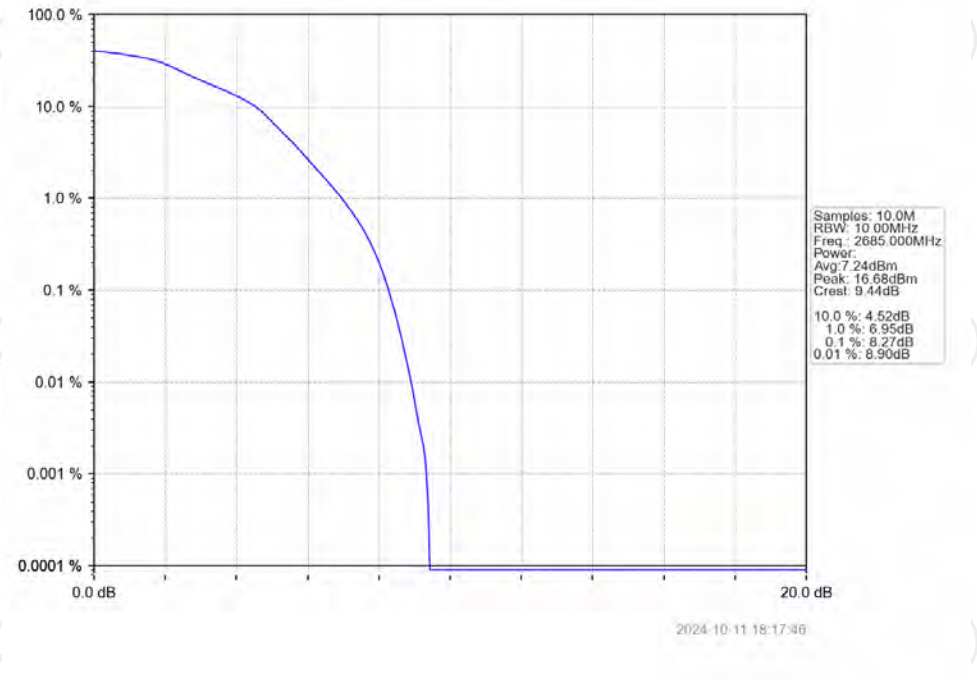
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV

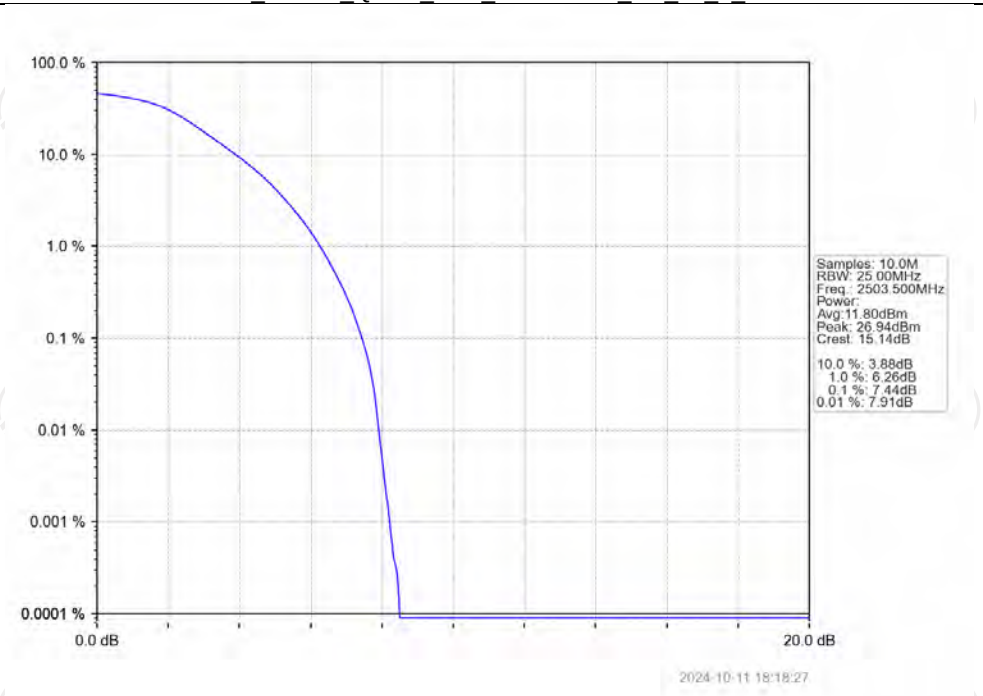


Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV

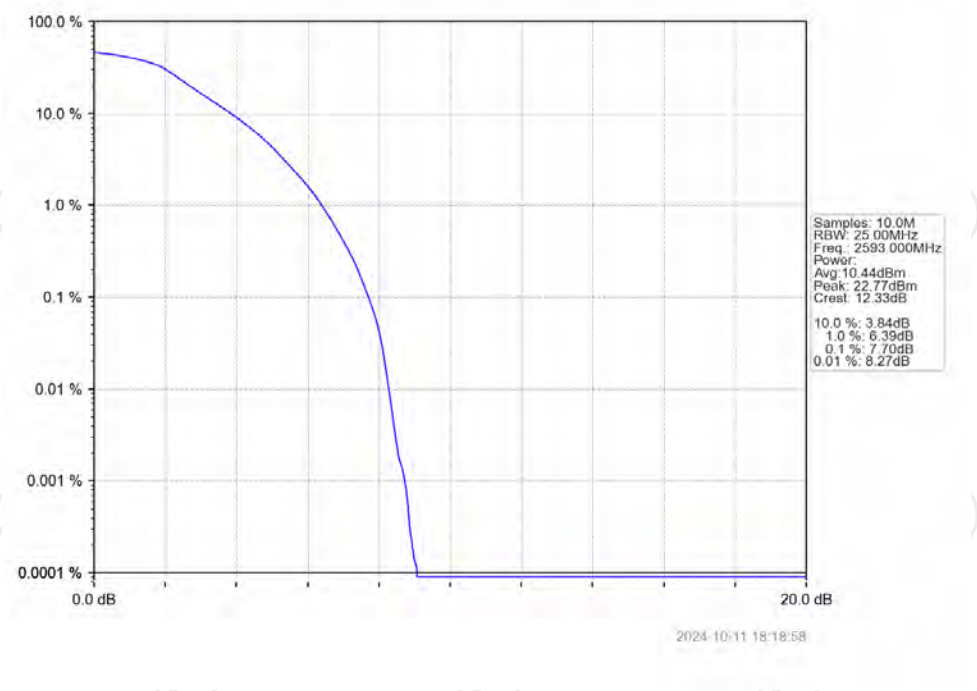


5.2.3 B41_15MHz

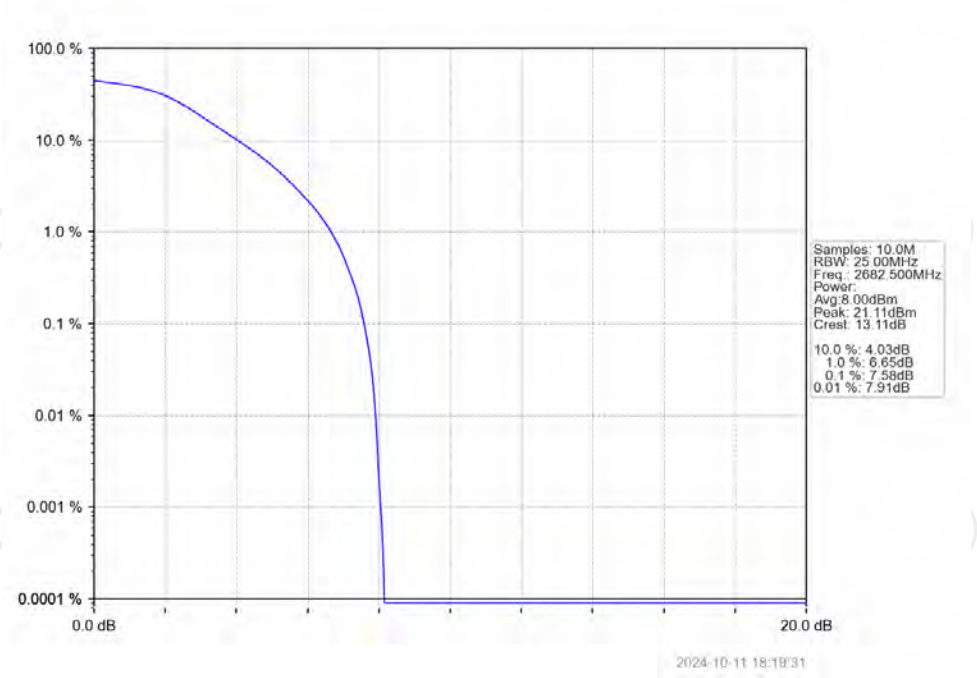
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



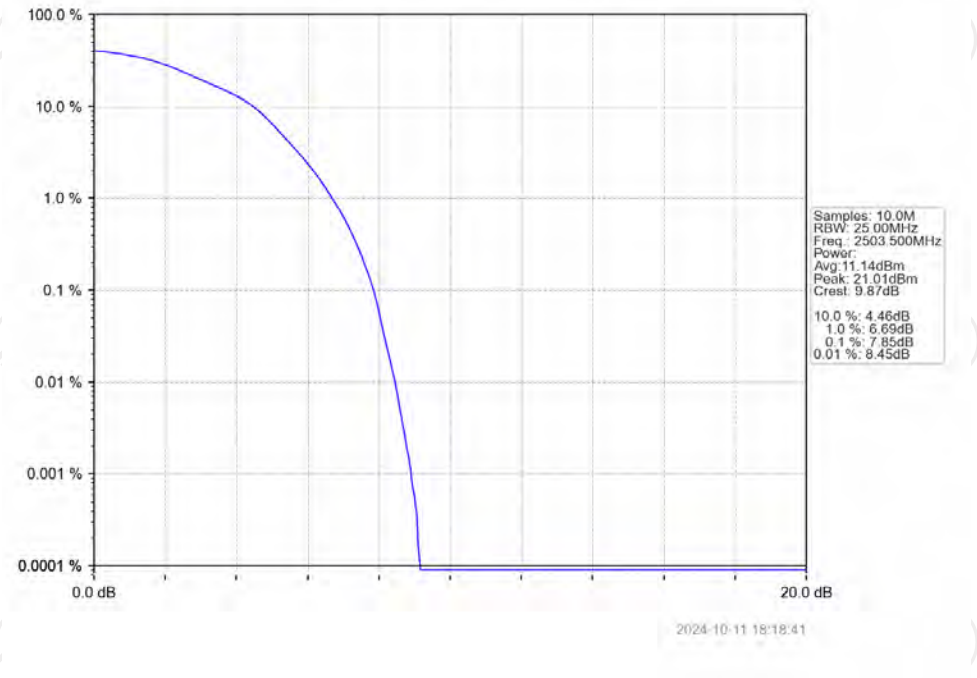
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



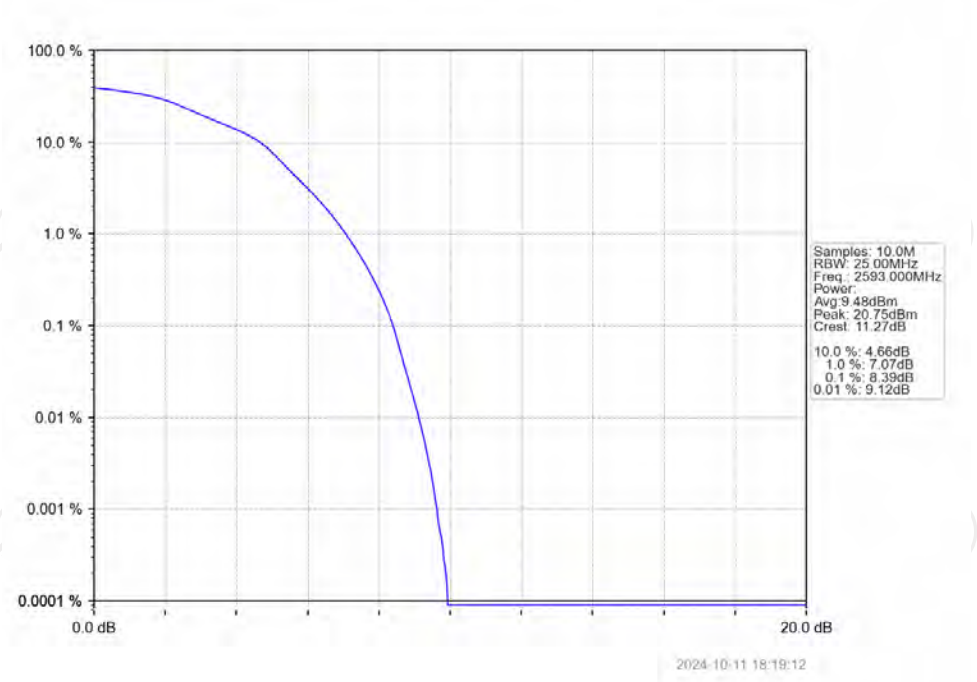
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



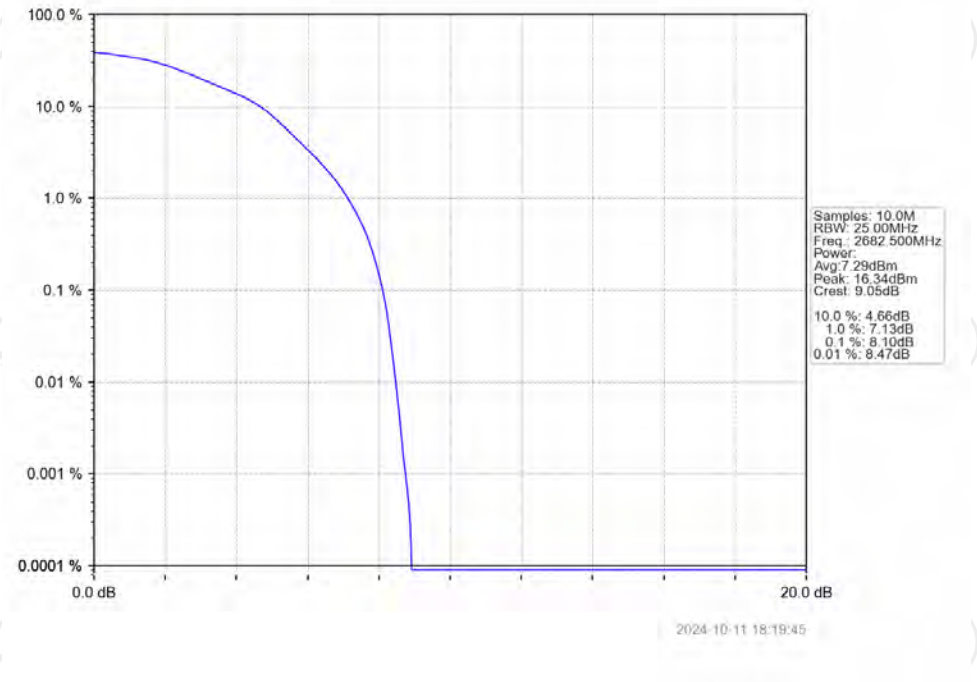
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV

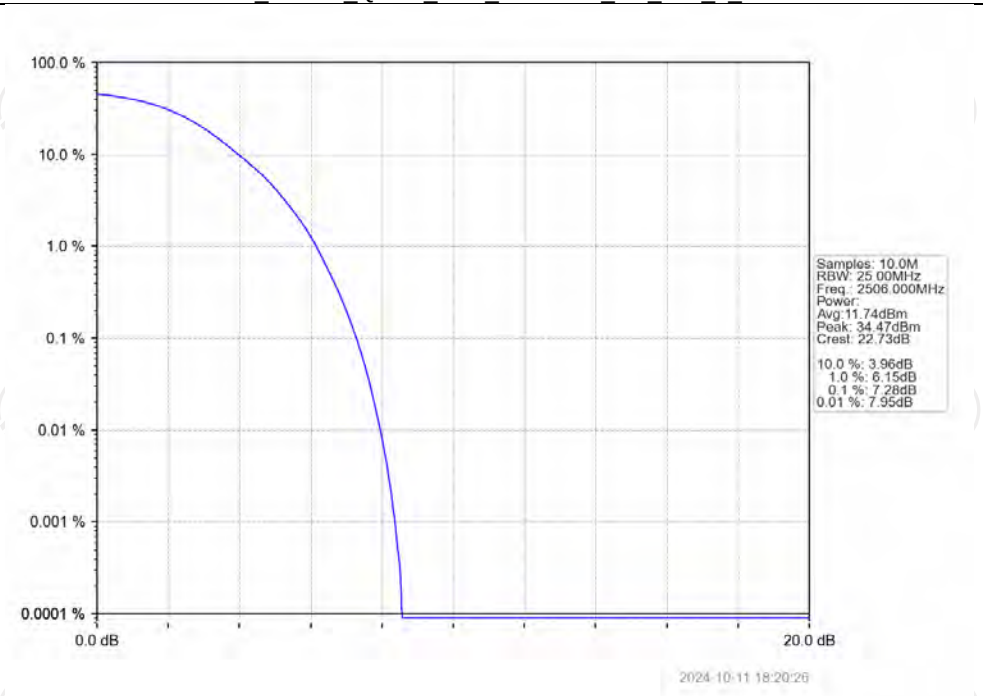


Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV

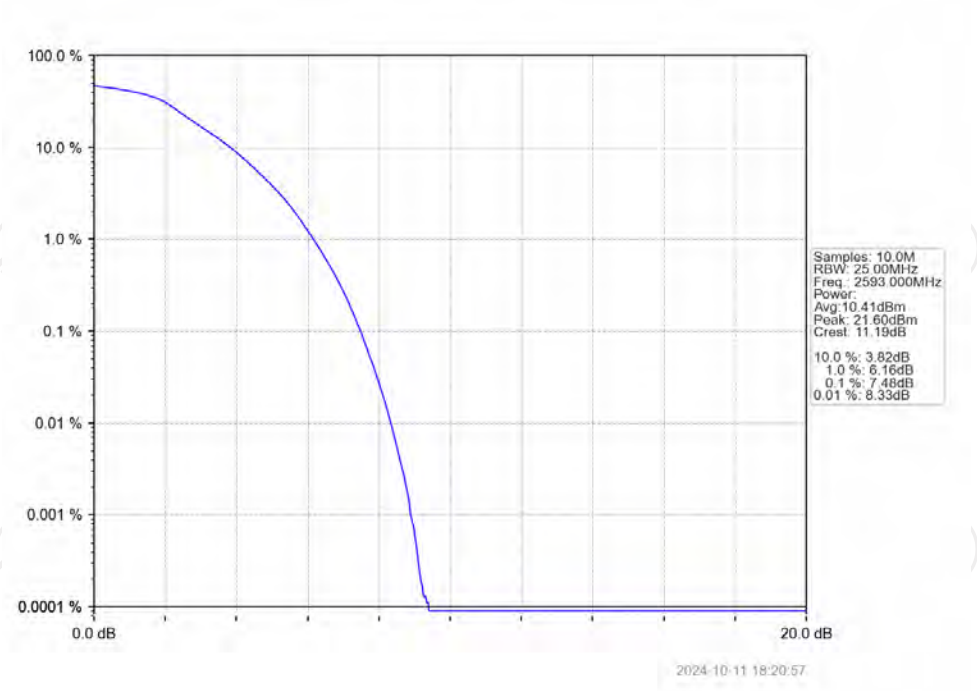


5.2.4 B41_20MHz

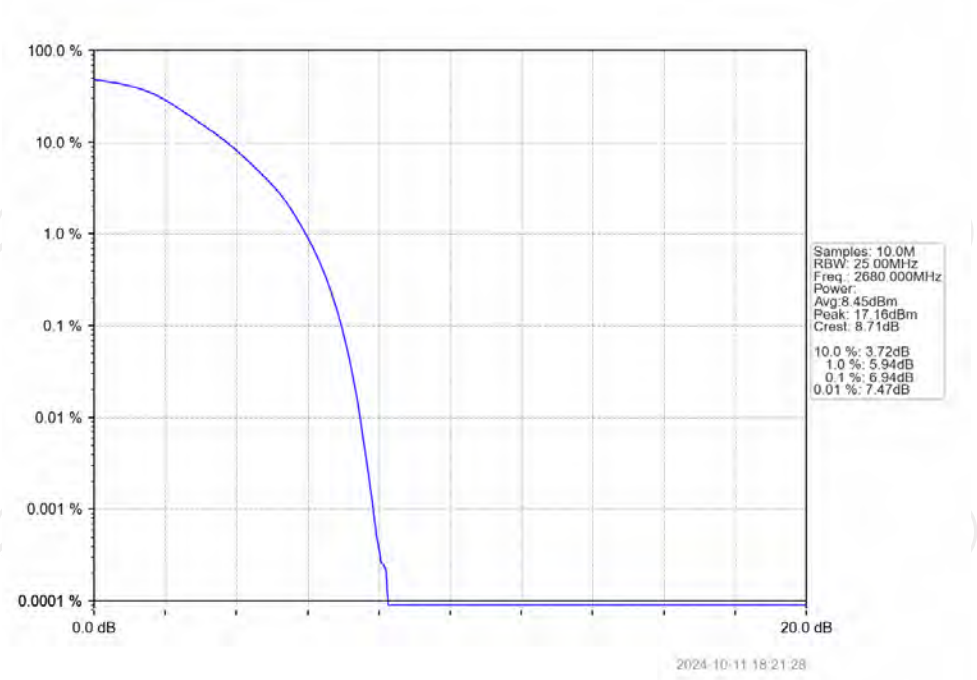
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



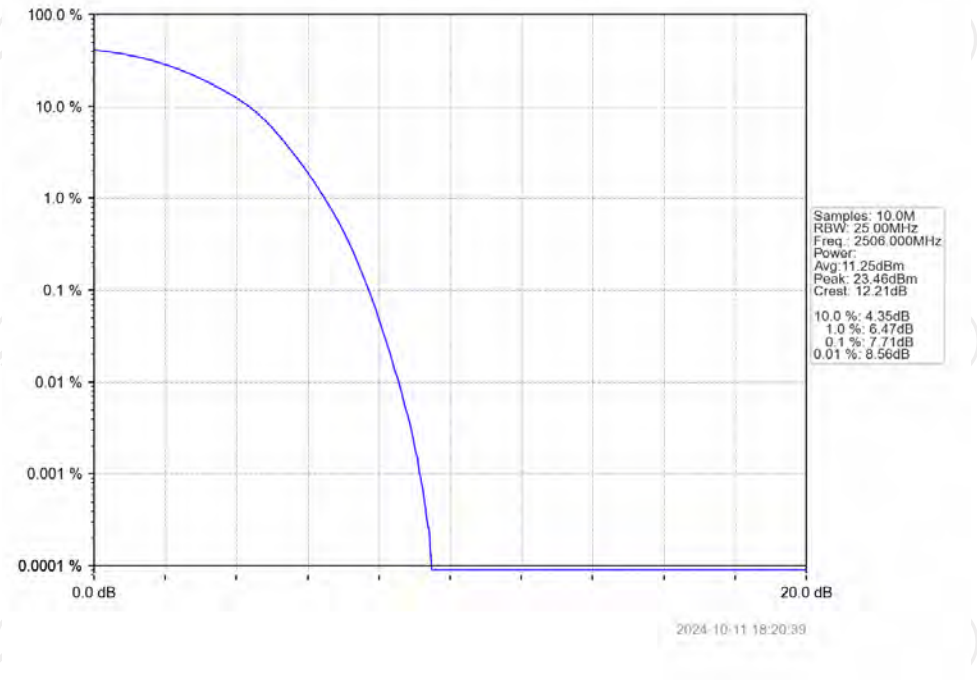
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



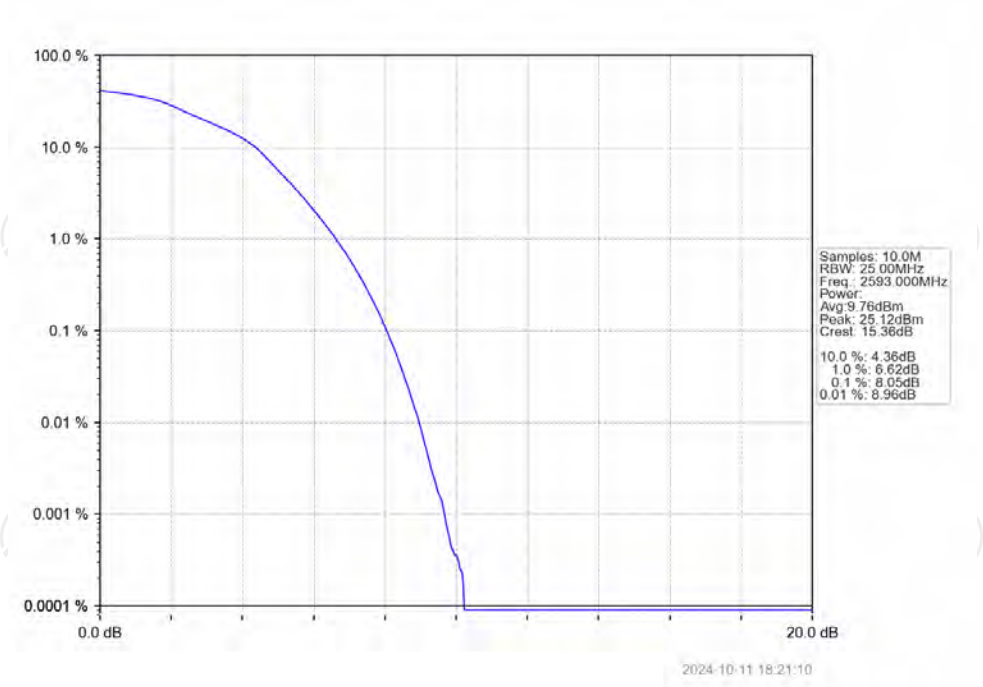
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



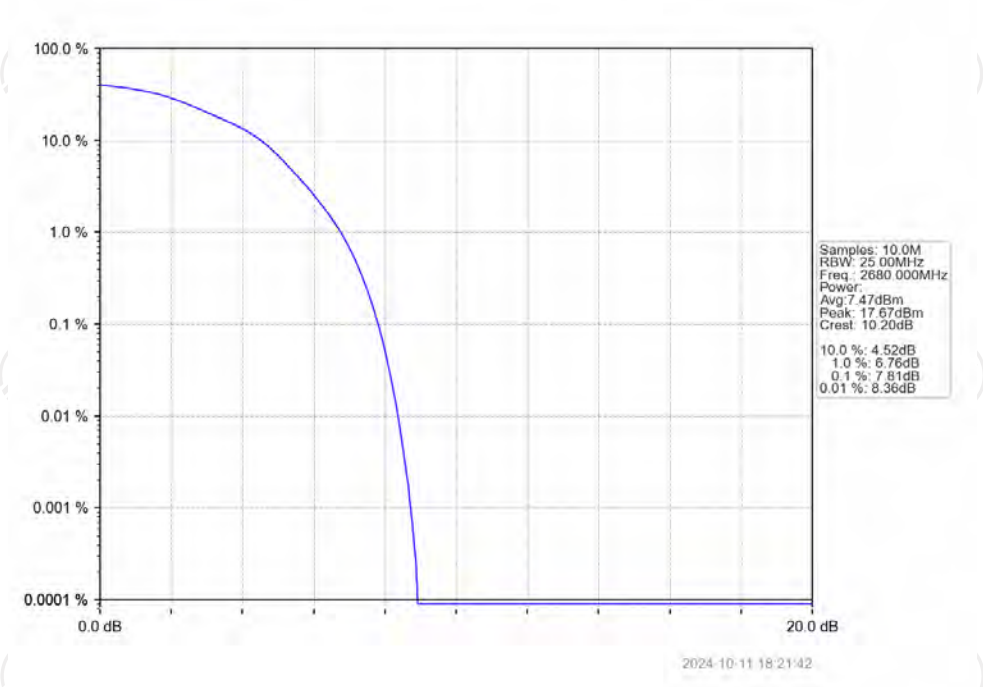
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

6.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2503.5	1	0	Refer To Test Graph		Pass

		75	0	Refer To Test Graph	Pass
	2593	1	0	Refer To Test Graph	Pass
	2682.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

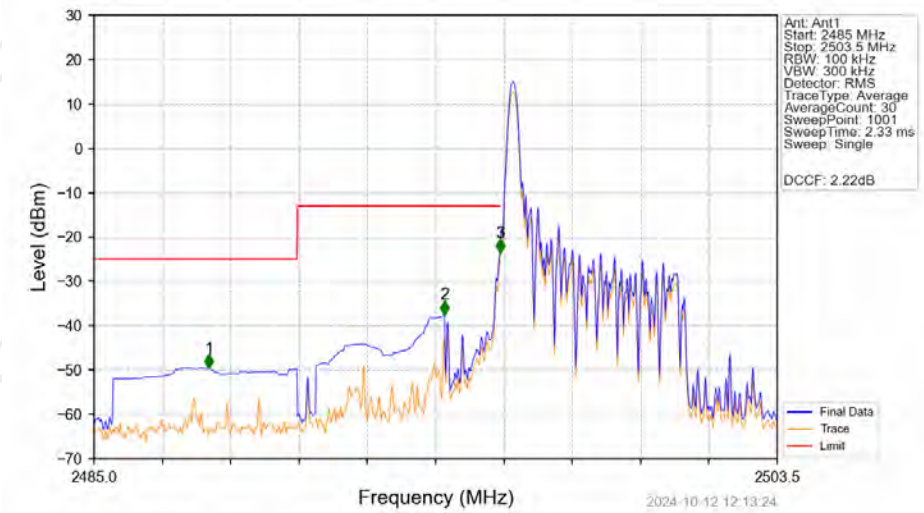
6.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

6.2 Test Graph

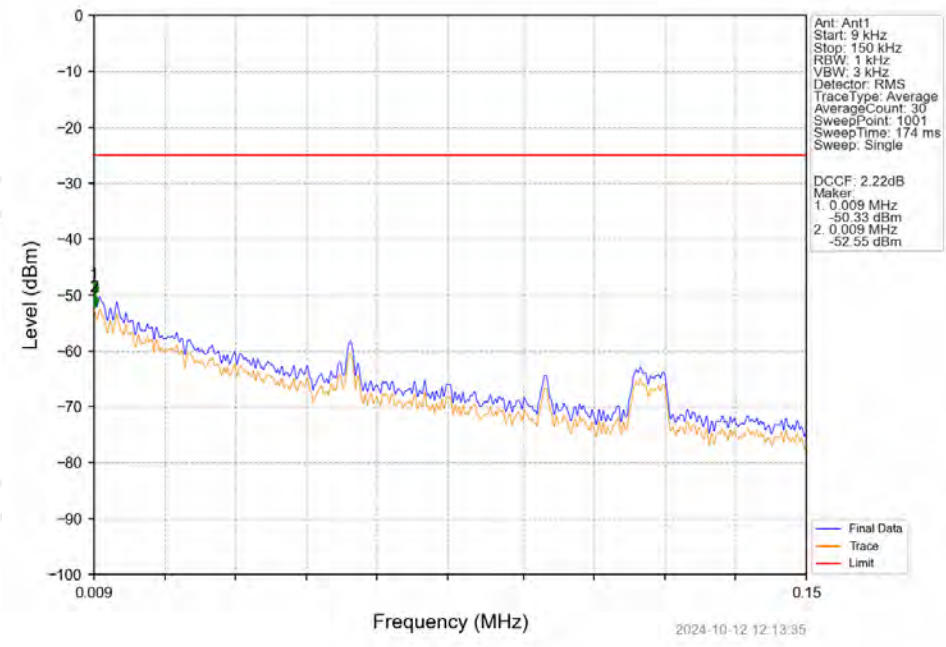
6.2.1 B41_5MHz

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

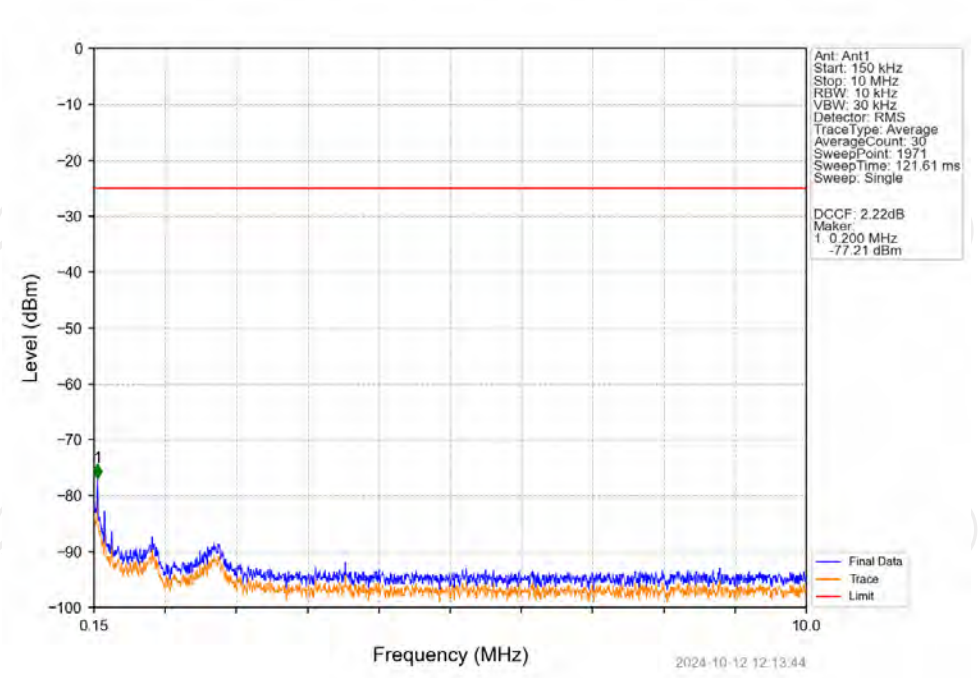


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.108	-49.52	-25	Pass
2490.5	2495	1	CHP	2	2494.490	-37.43	-13	Pass
2495	2496	0.1	/	3	2495.989	-23.56	-13	Pass
2496	2503.5	0.1	/	/	/	/	/	/

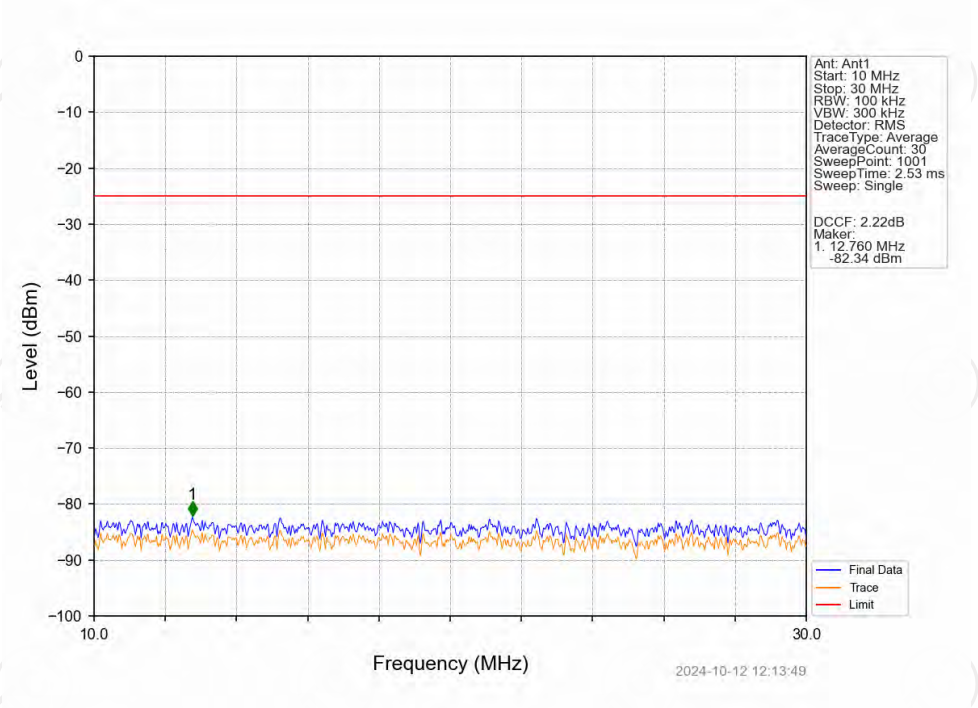
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



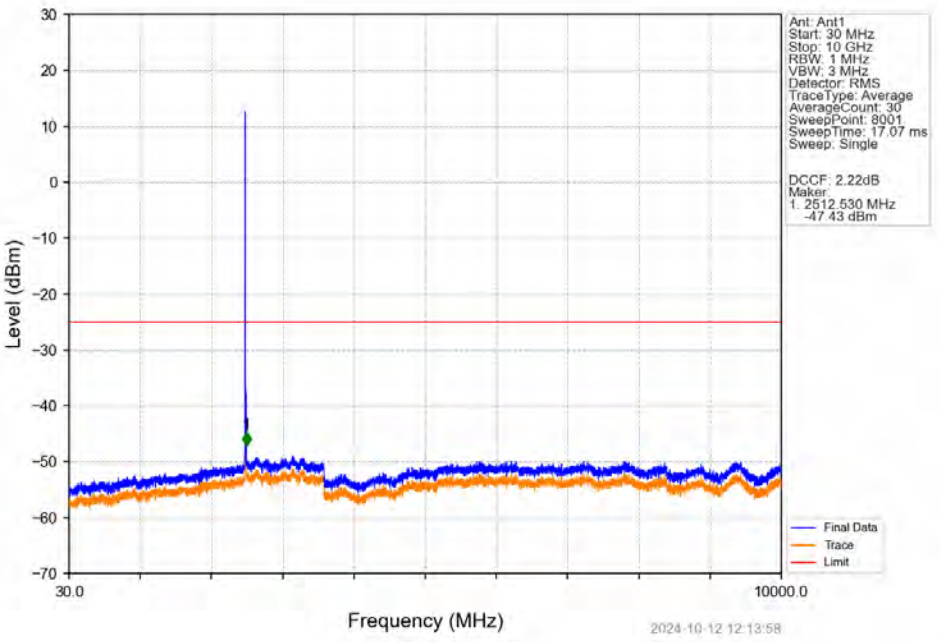
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



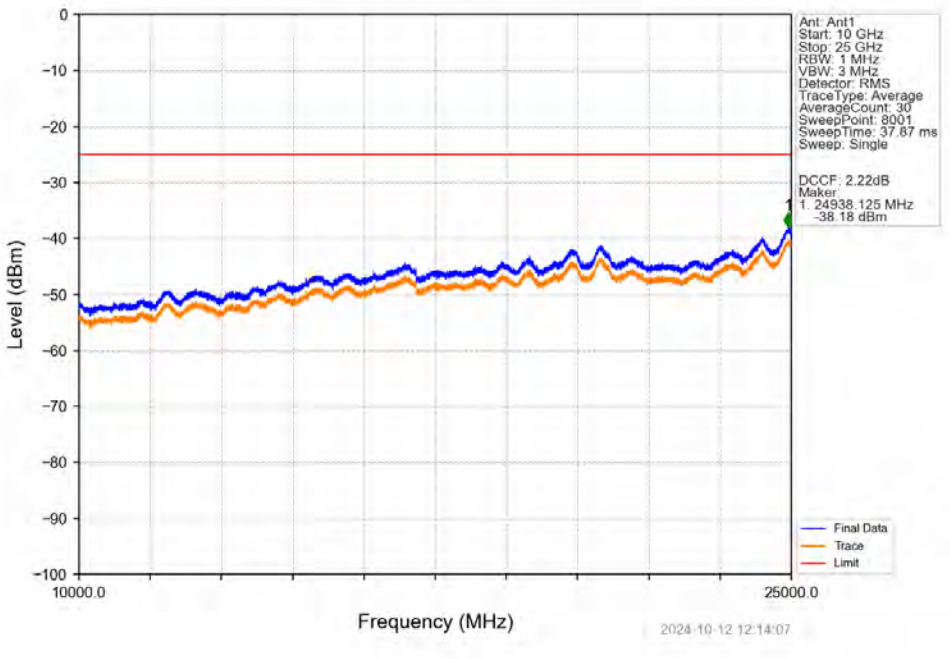
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



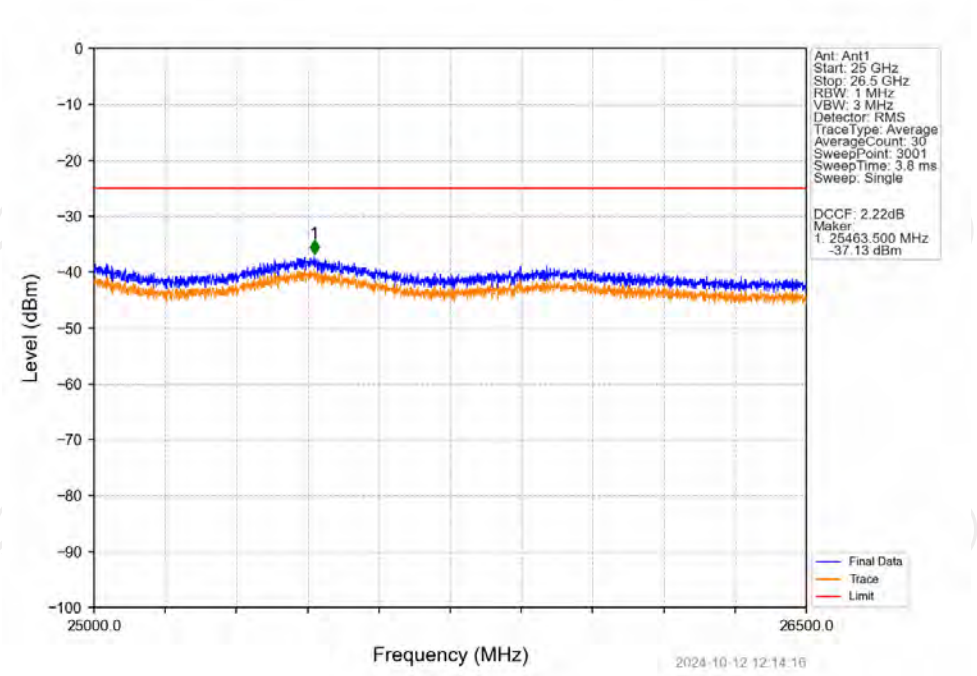
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



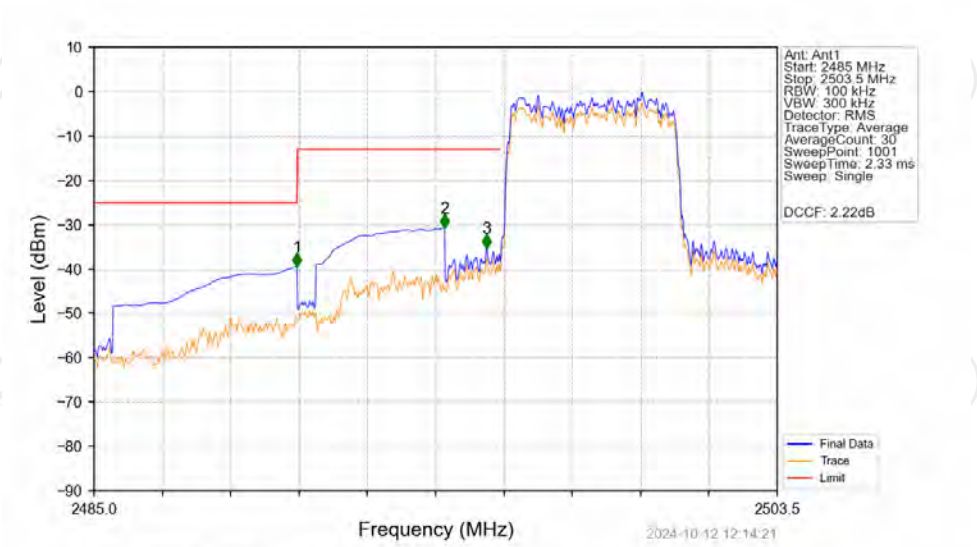
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

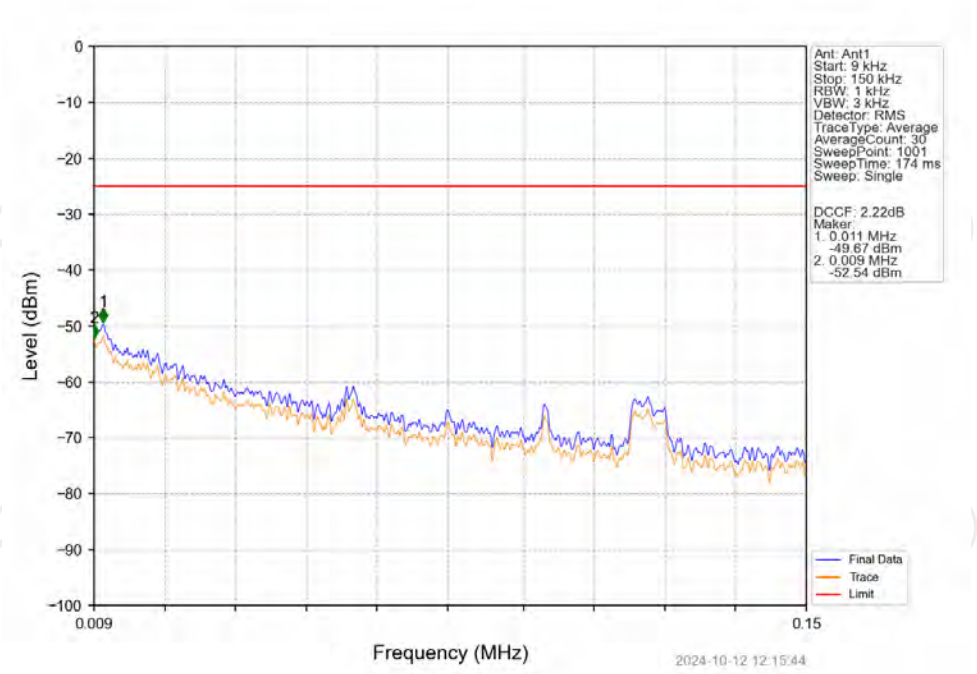


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

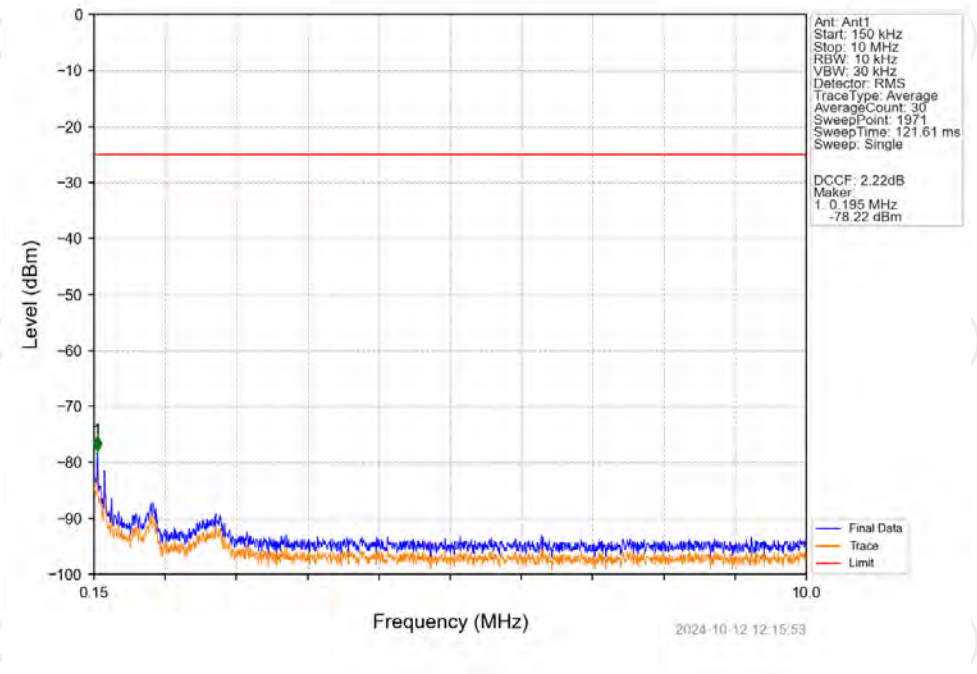


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.494	-39.49	25	Pass
2490.5	2495	1	CHP	2	2494.490	-30.73	-13	Pass
2495	2496	0.1	/	3	2495.637	-35.35	-13	Pass
2496	2503.5	0.1	/	/	/	/	/	/

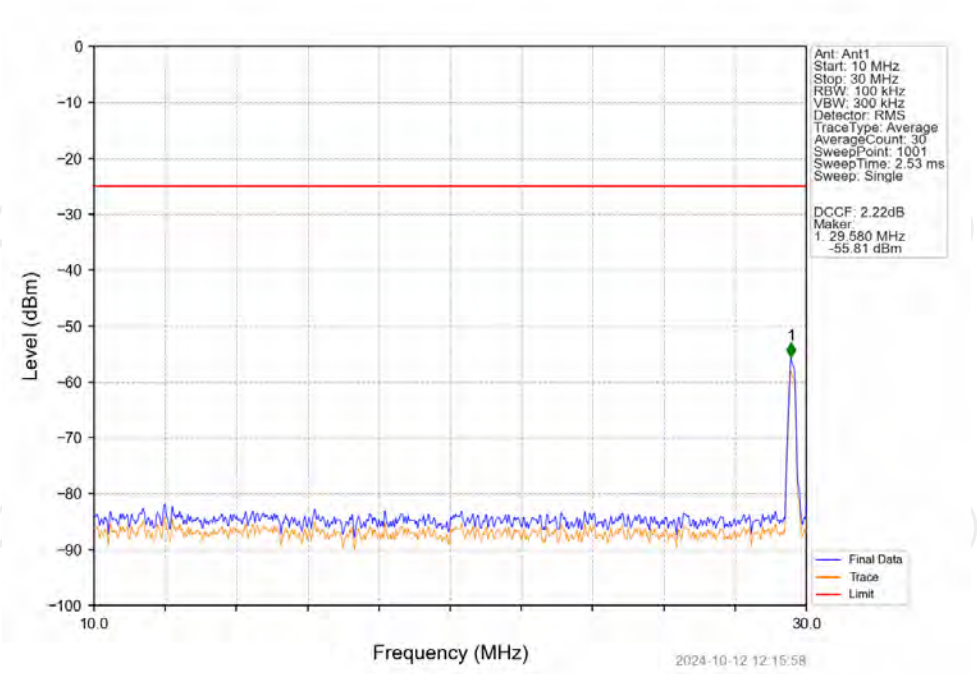
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



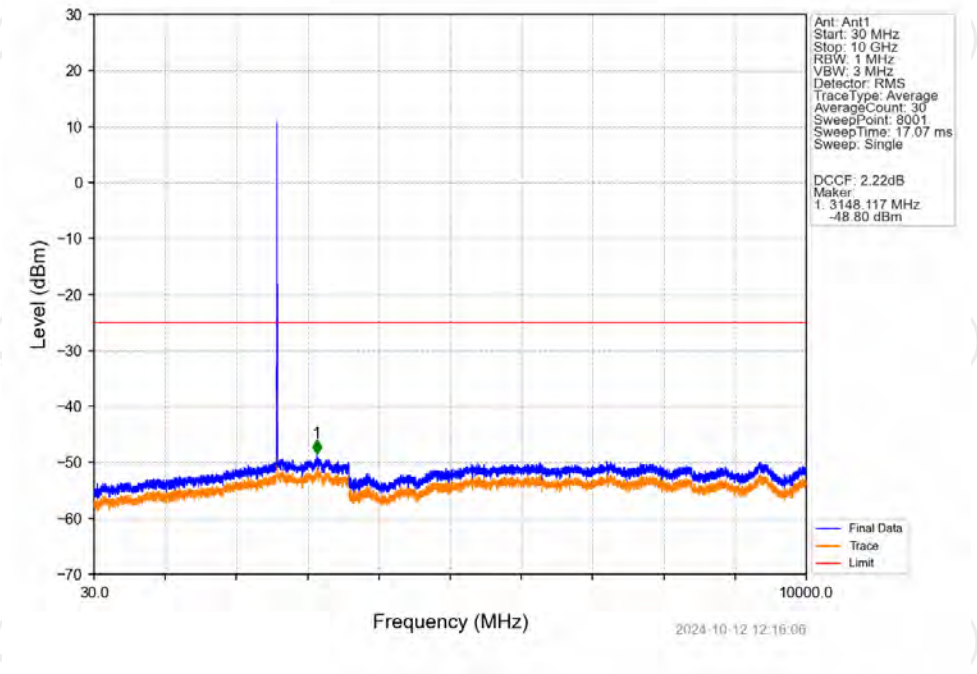
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



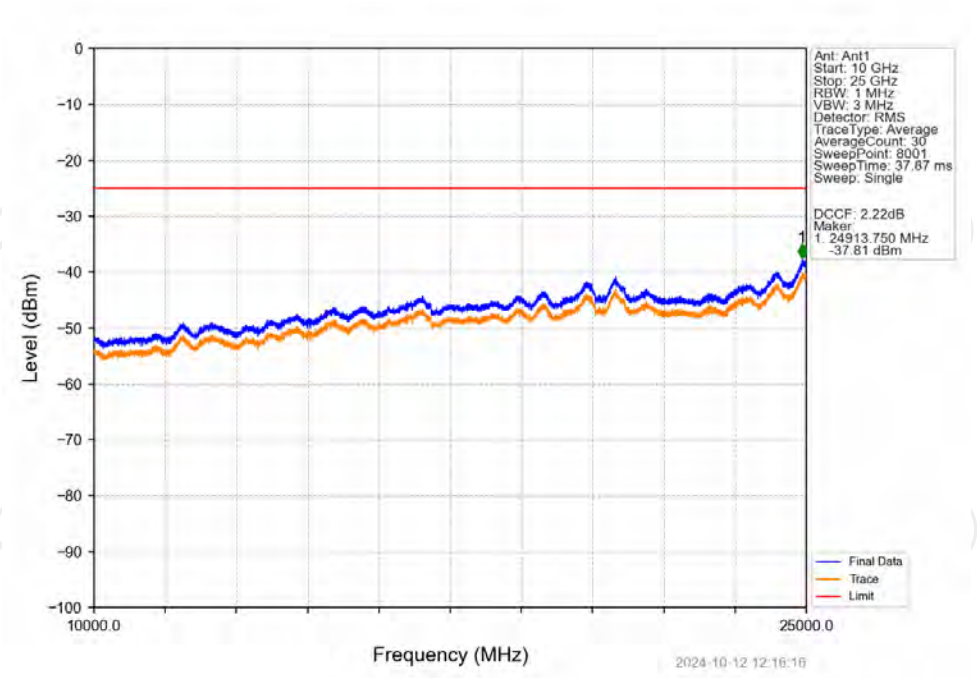
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



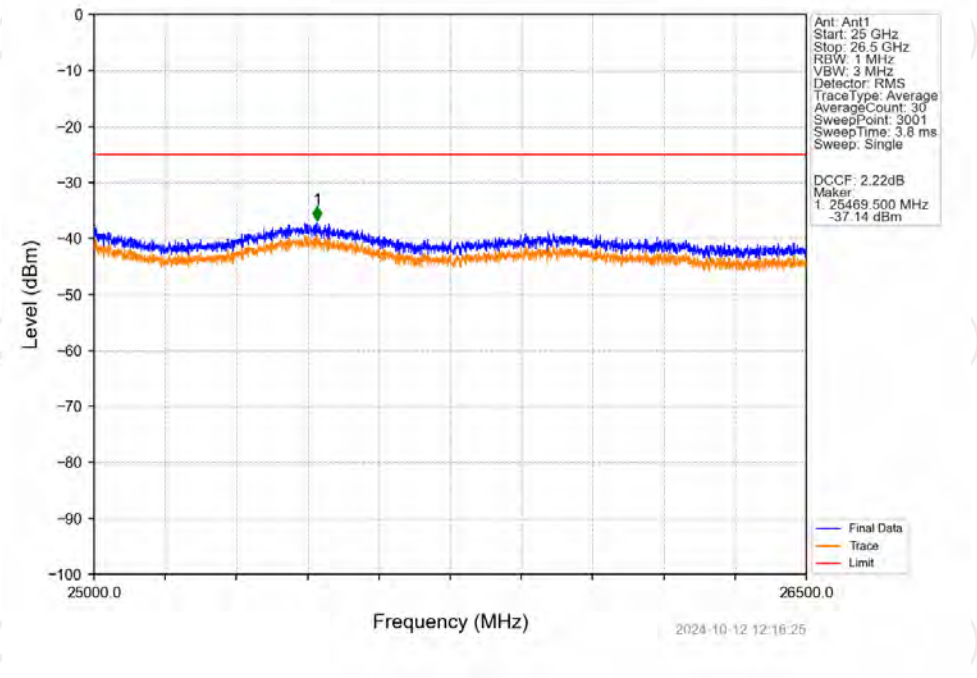
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



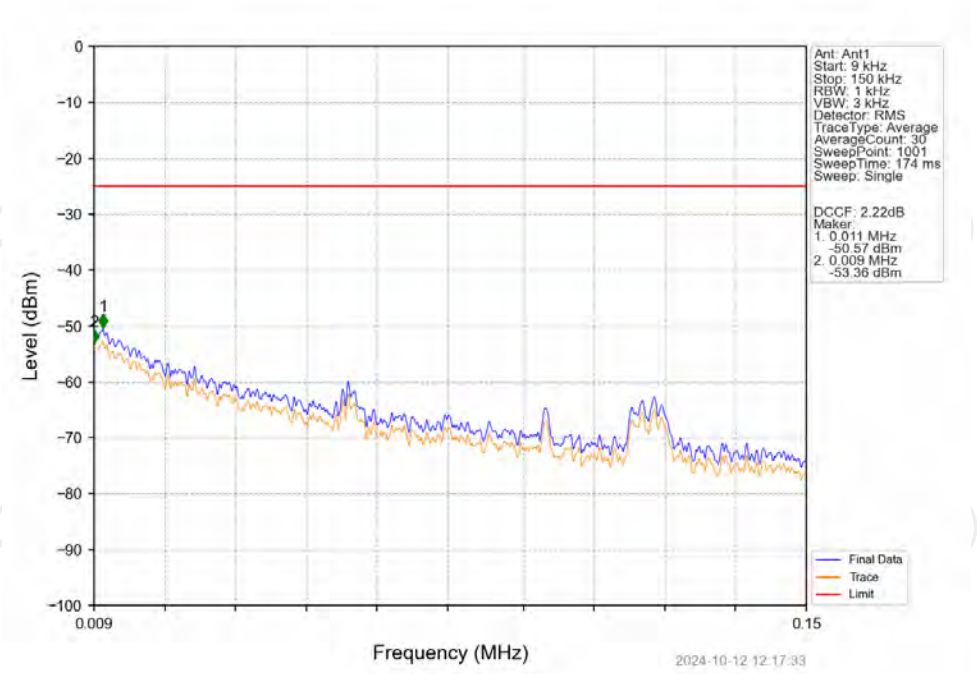
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



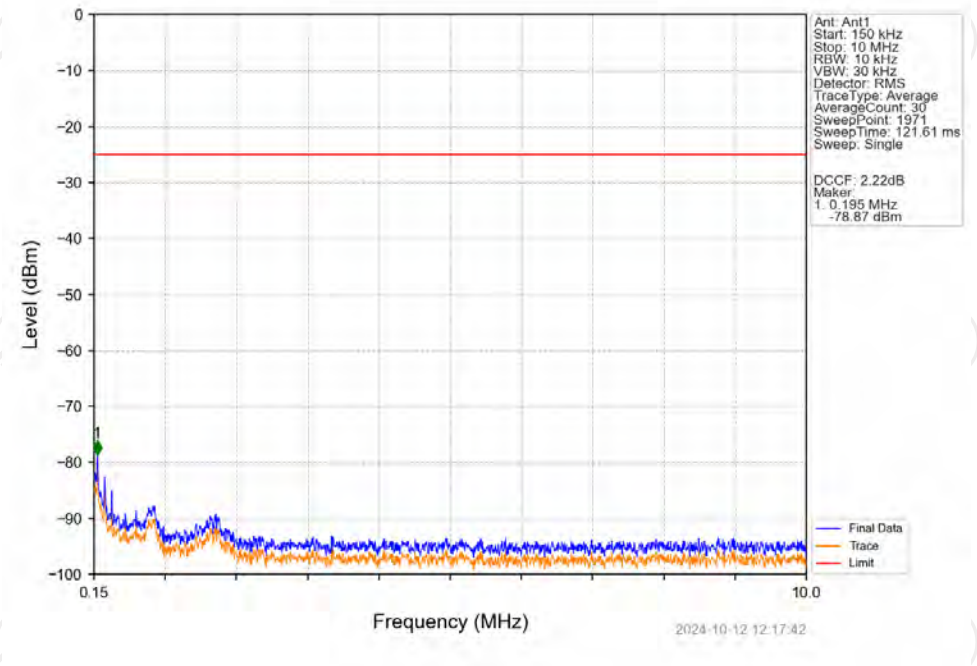
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



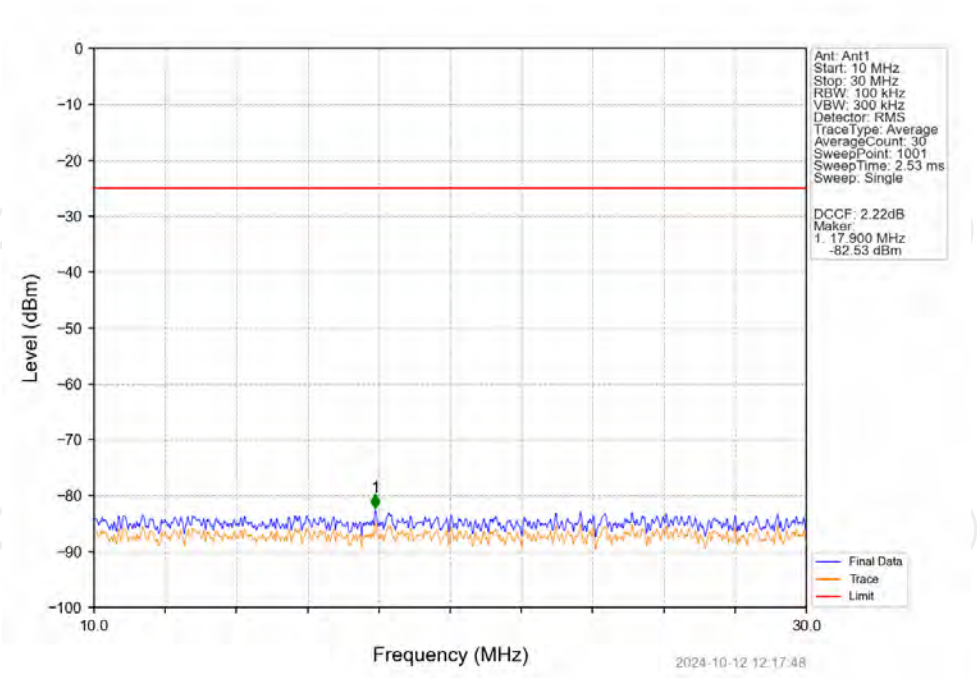
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



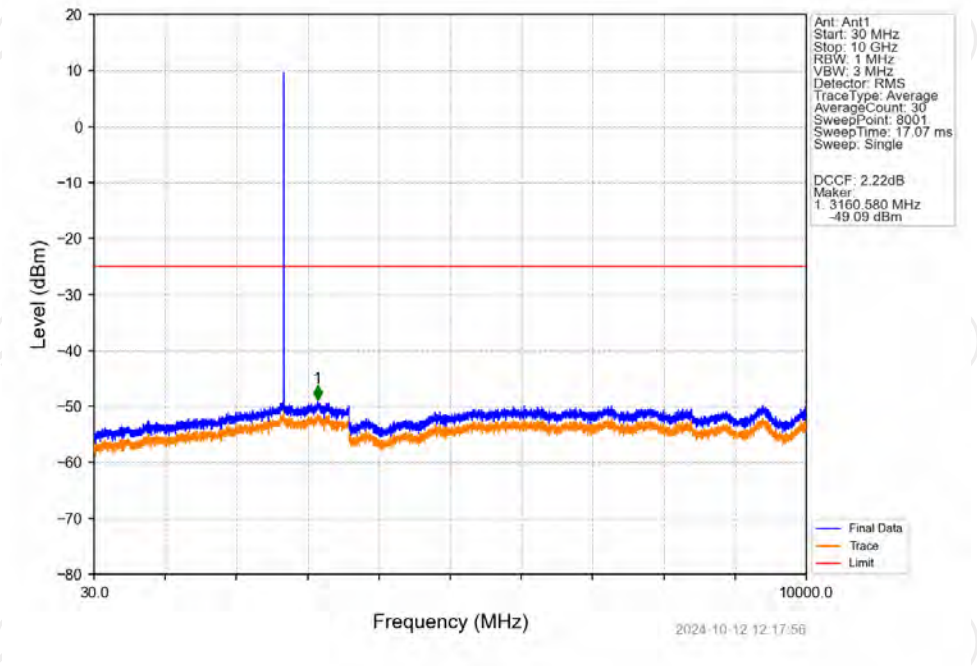
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



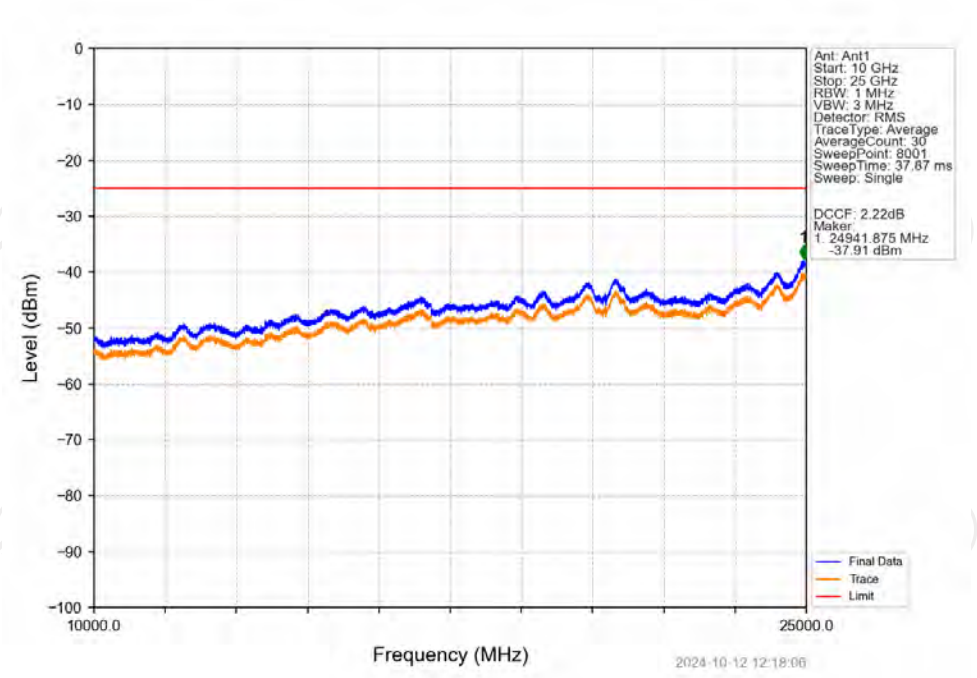
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



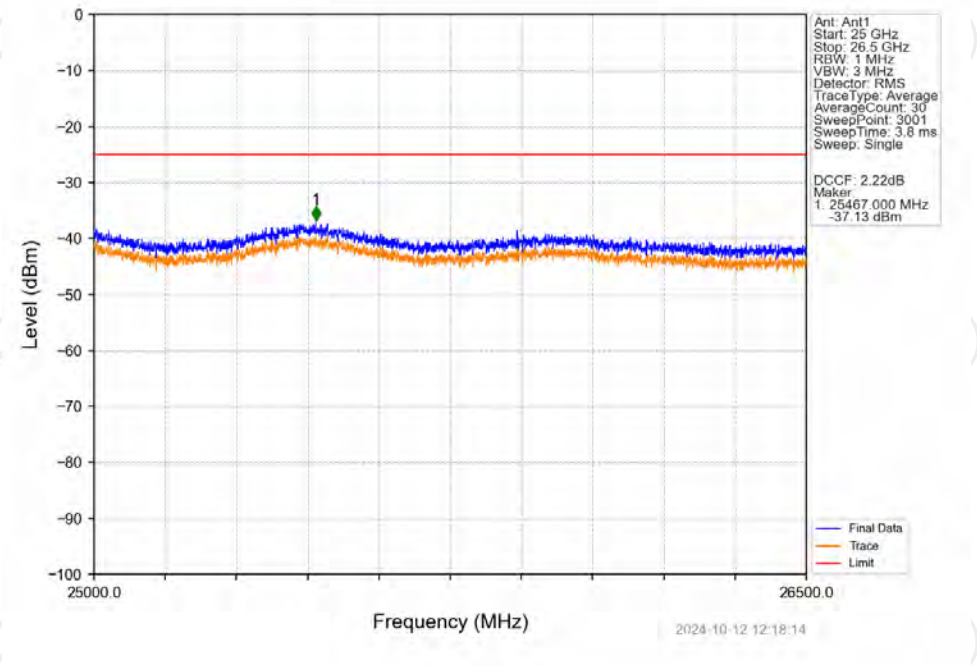
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



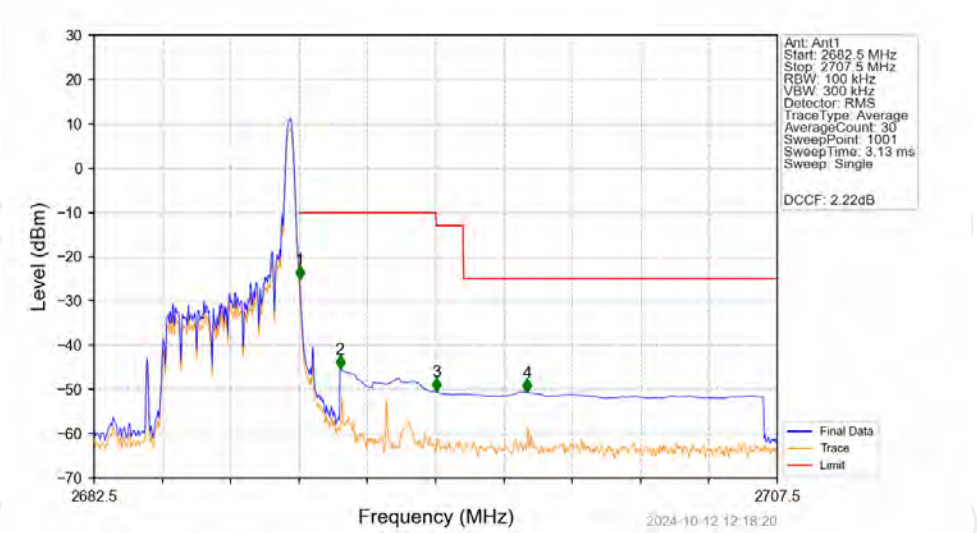
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

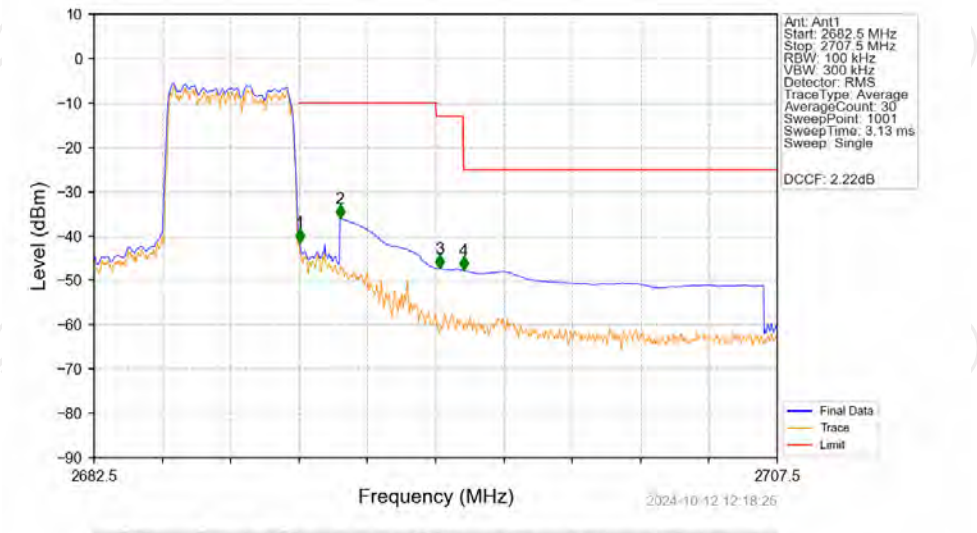


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



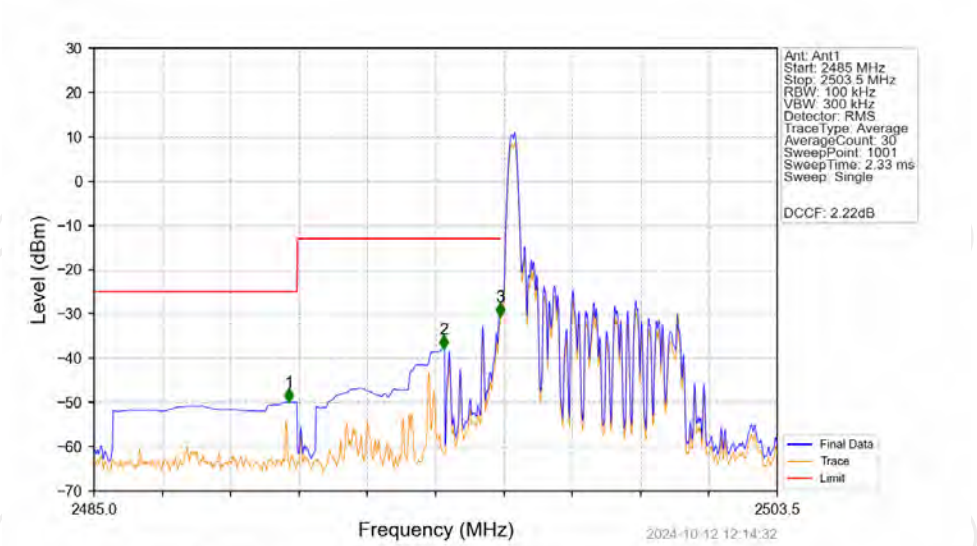
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.025	-25.08	-10	Pass
2691	2695	1	CHP	2	2691.500	-45.43	-10	Pass
2695	2696	1	CHP	3	2695.025	-50.48	-13	Pass
2696	2707.5	1	CHP	4	2698.350	-50.59	-25	Pass

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



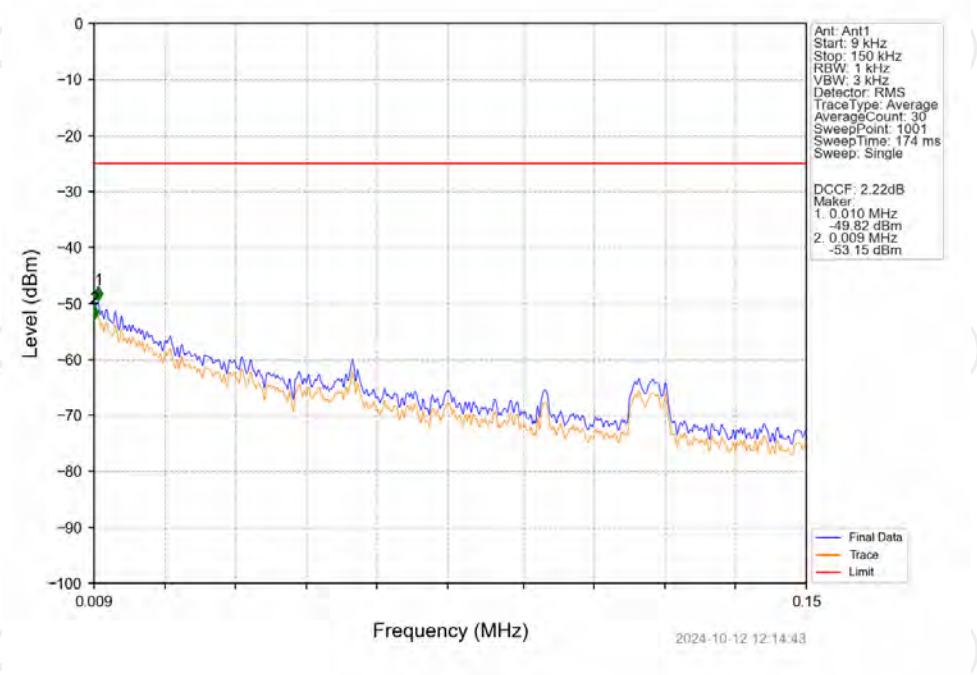
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.101	CHP	/	/	/	/	/
2690	2691	0.101	CHP	1	2690.025	-41.51	-10	Pass
2691	2695	1	CHP	2	2691.500	-36.00	-10	Pass
2695	2696	1	CHP	3	2695.150	-47.28	-13	Pass
2696	2707.5	1	CHP	4	2696.025	-47.75	-25	Pass

Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

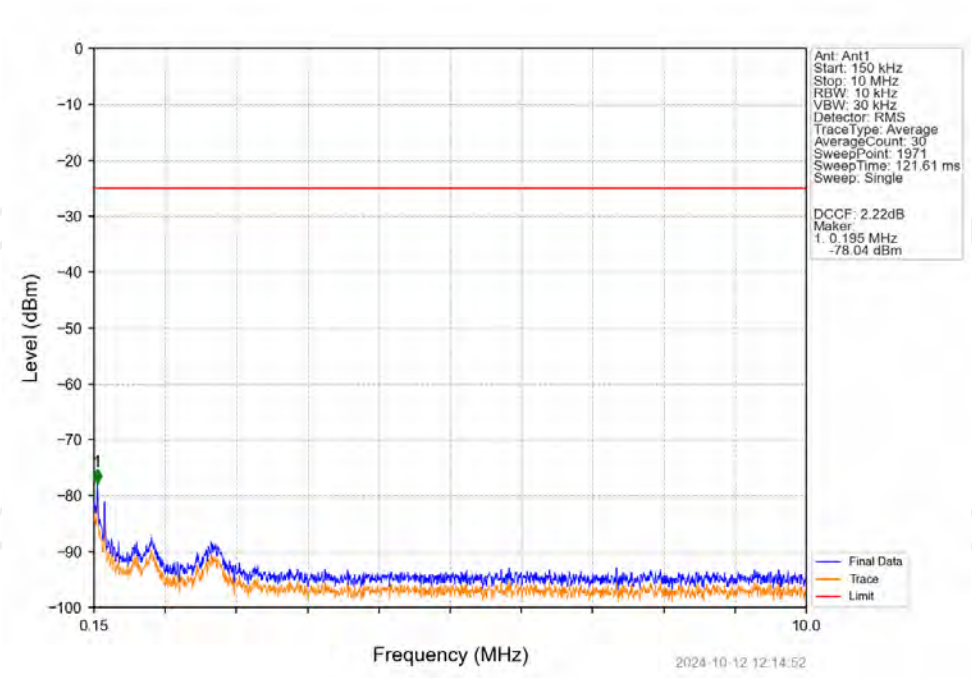


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.273	-49.94	-25	Pass
2490.5	2495	1	CHP	2	2494.472	-37.86	-13	Pass
2495	2496	0.1	/	3	2495.989	-30.56	-13	Pass
2496	2503.5	0.1	/	/	/	/	/	/

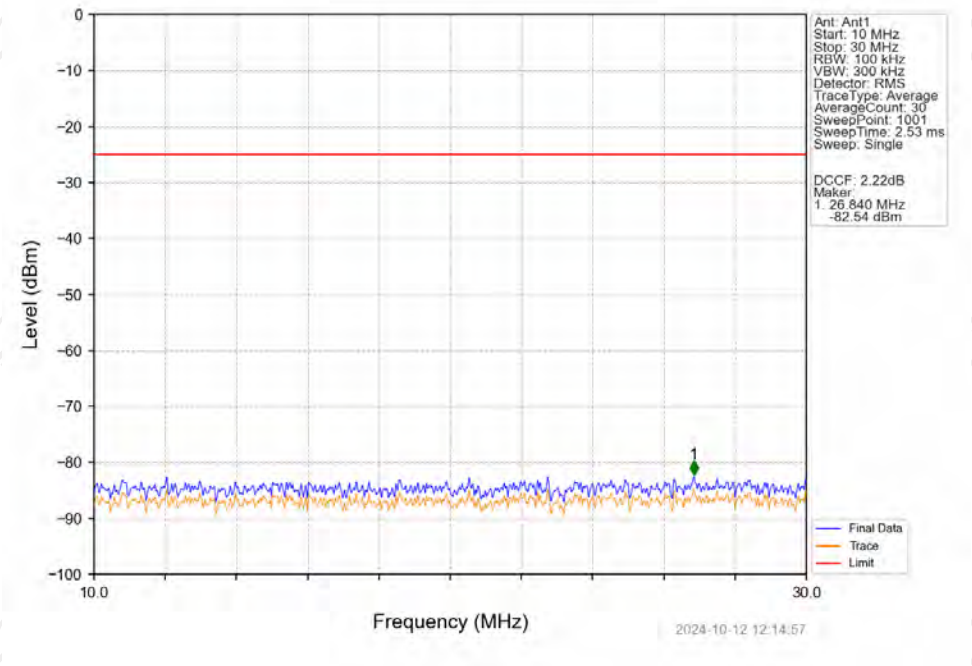
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



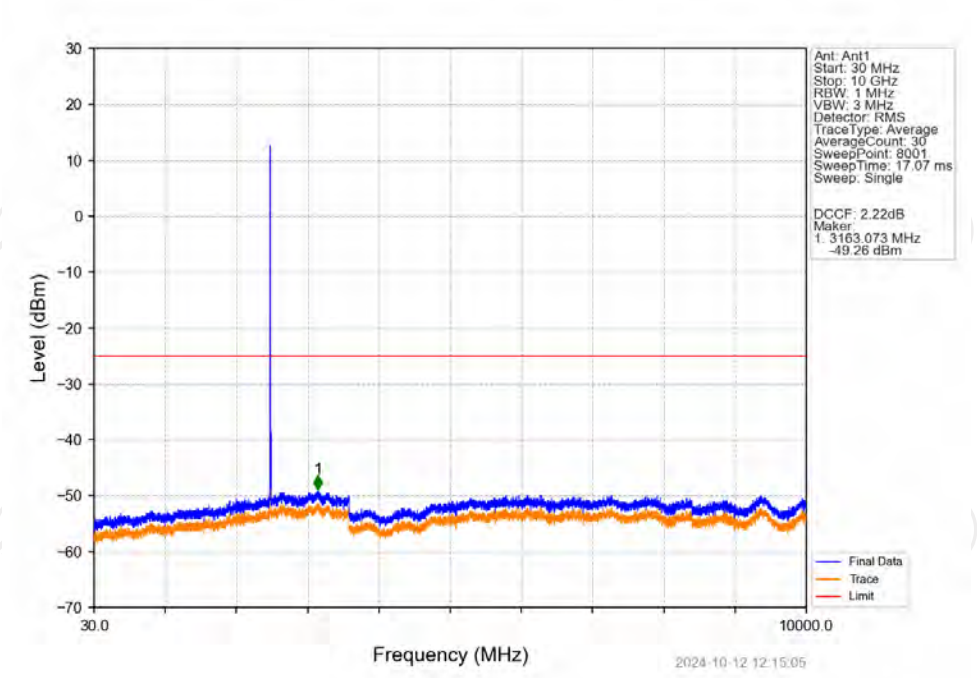
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



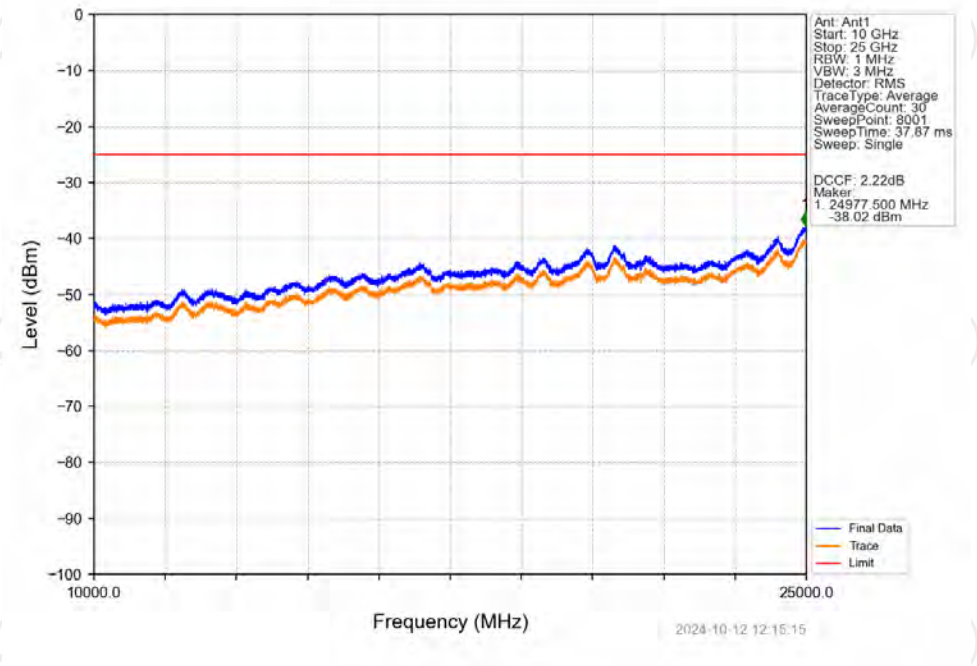
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



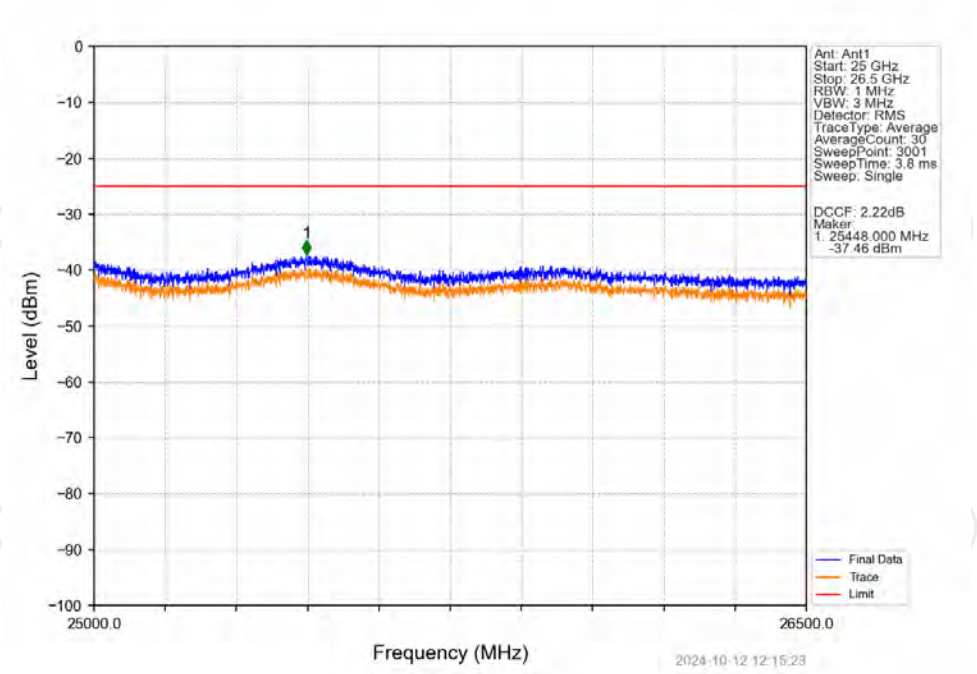
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



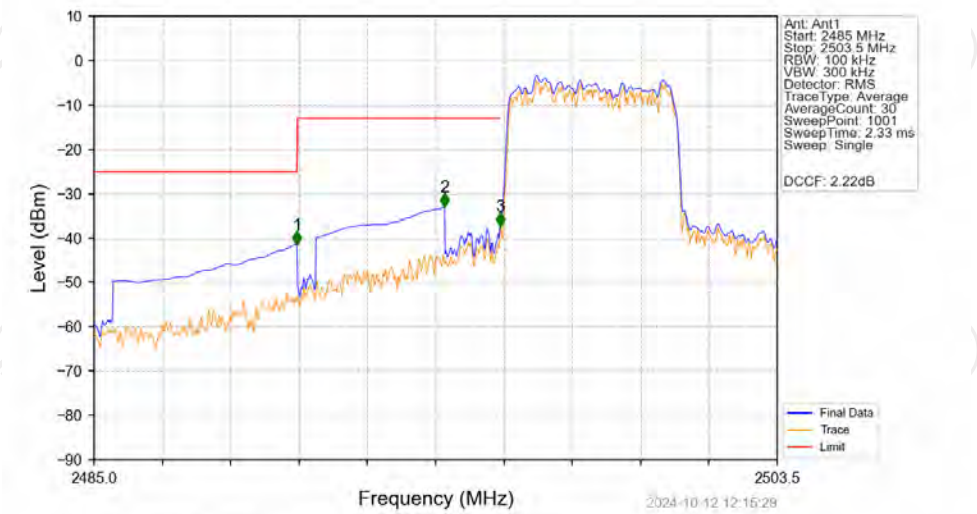
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

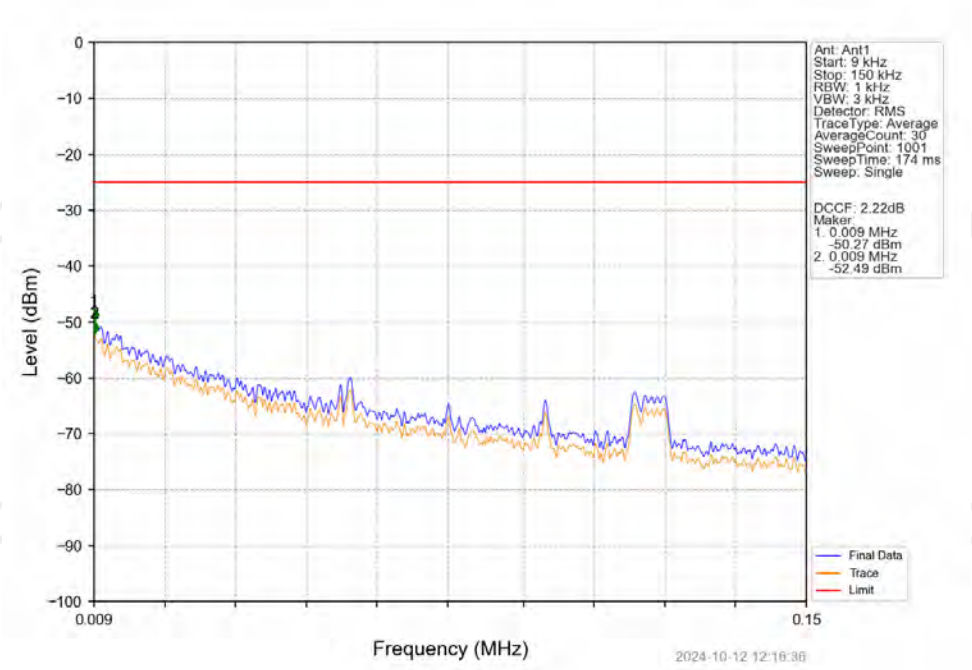


Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV

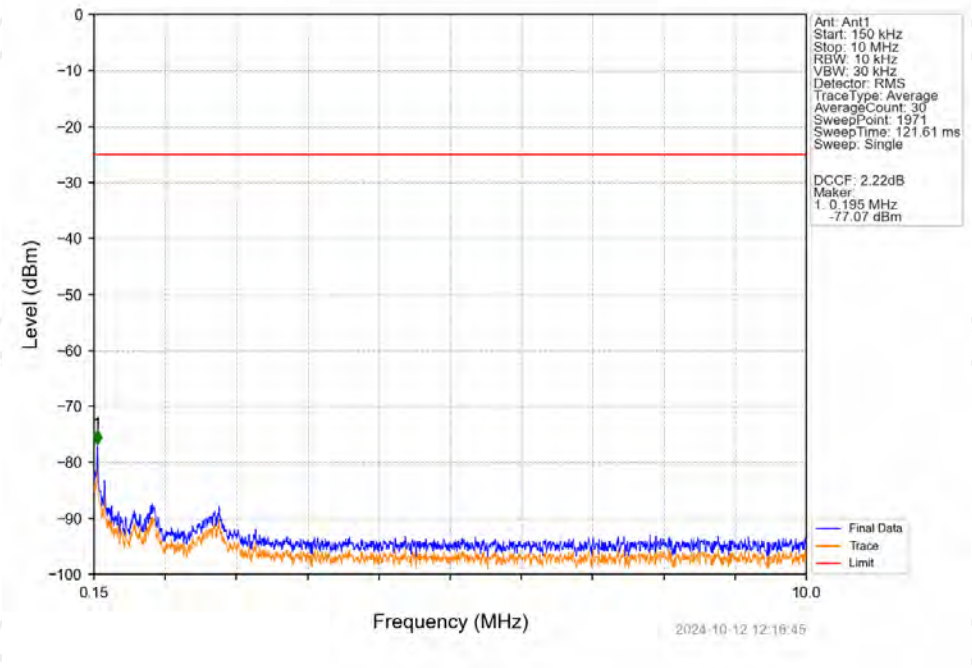


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.494	-41.42	25	Pass
2490.5	2495	1	CHP	2	2494.490	-32.89	-13	Pass
2495	2496	0.1	/	3	2495.989	-37.33	-13	Pass
2496	2503.5	0.102	CHP	/	/	/	/	/

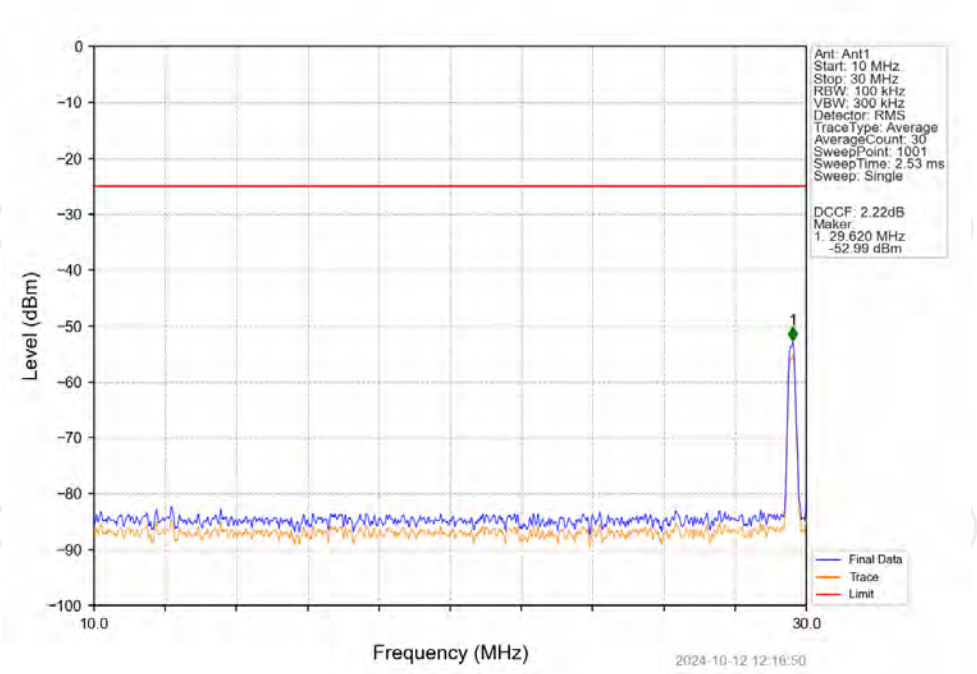
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



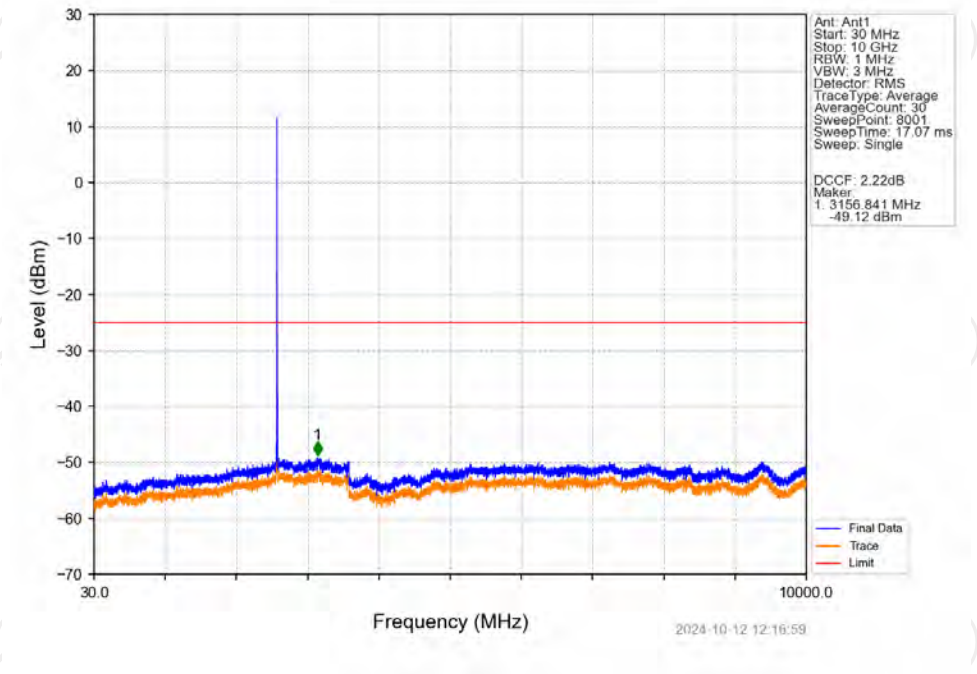
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



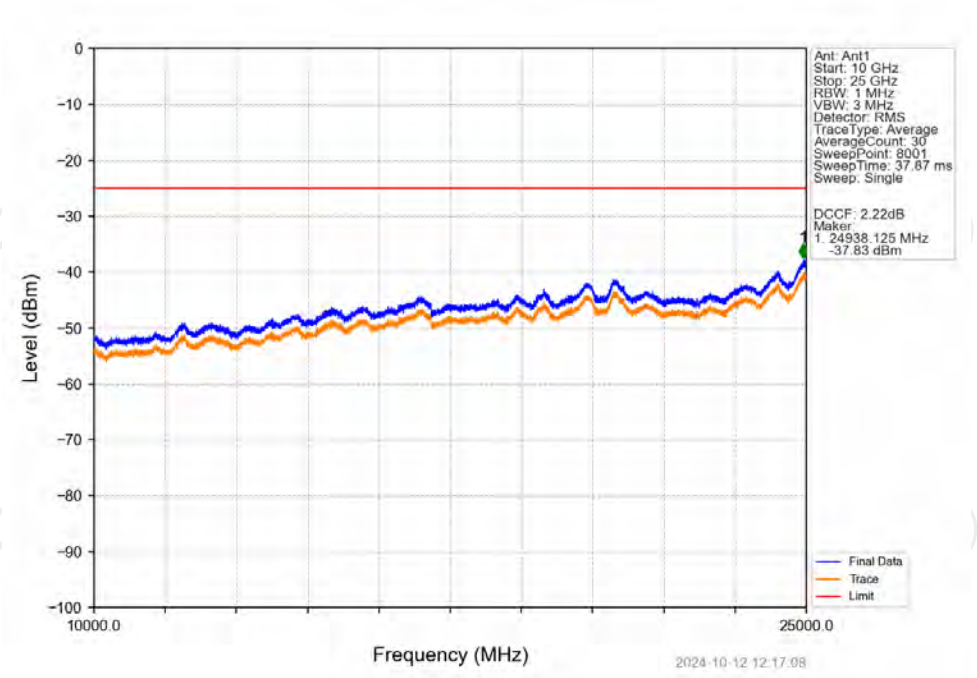
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



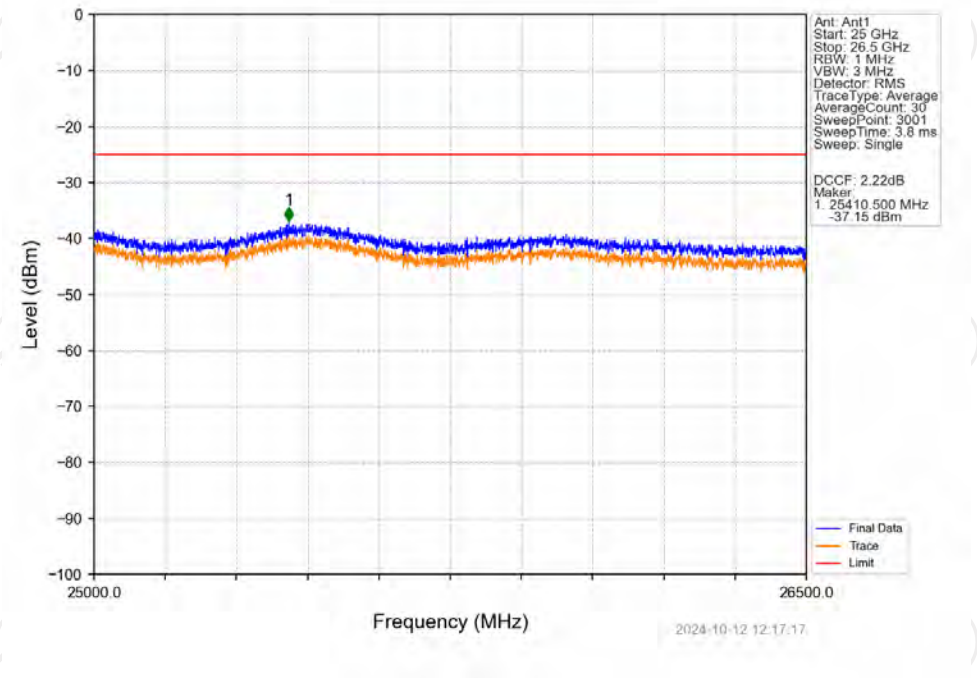
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



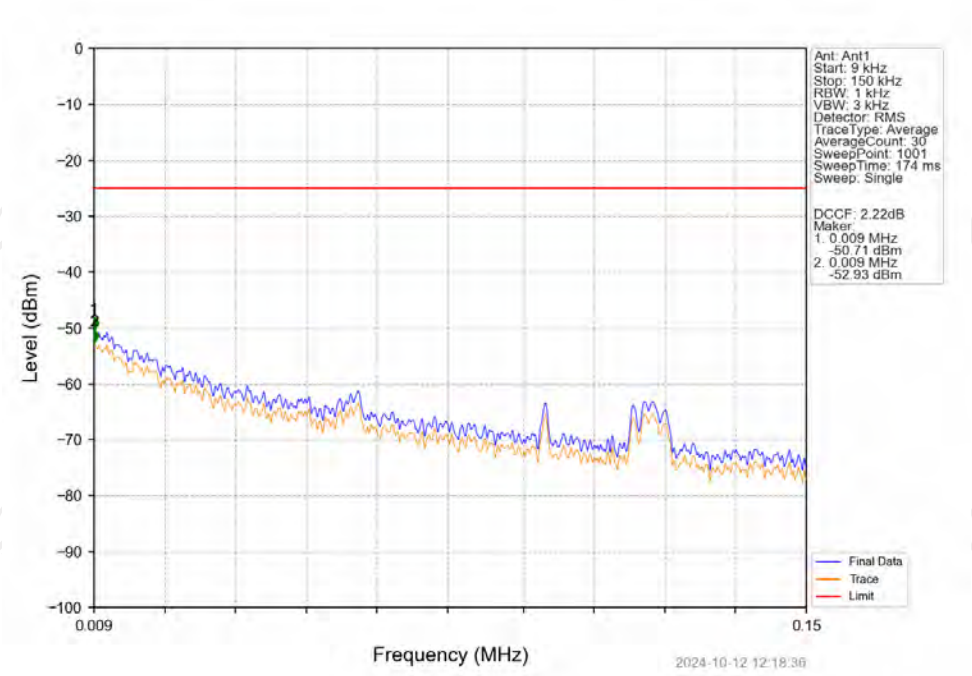
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



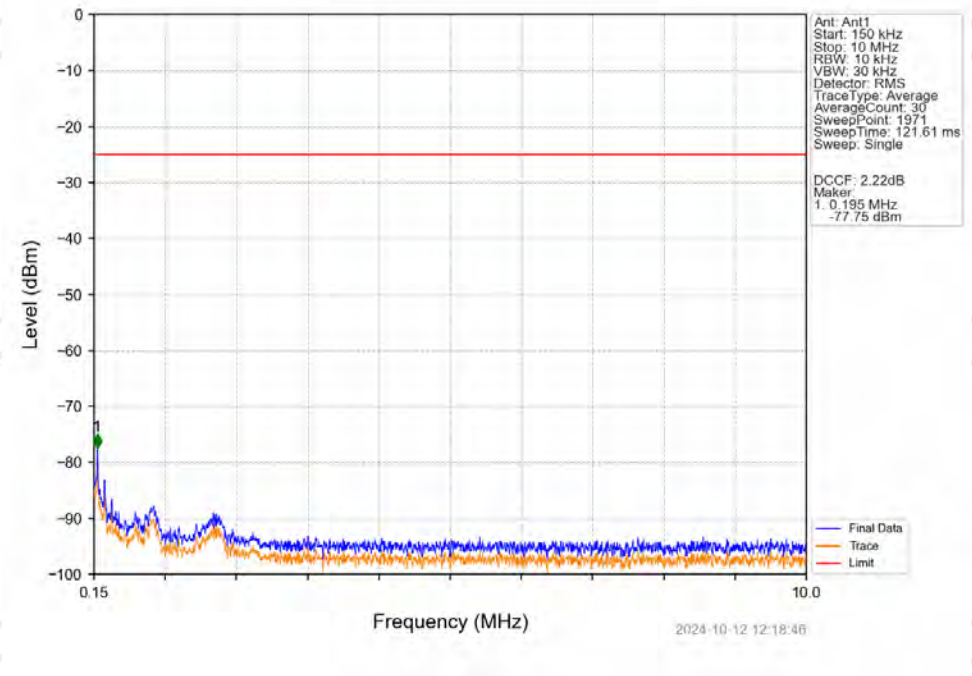
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



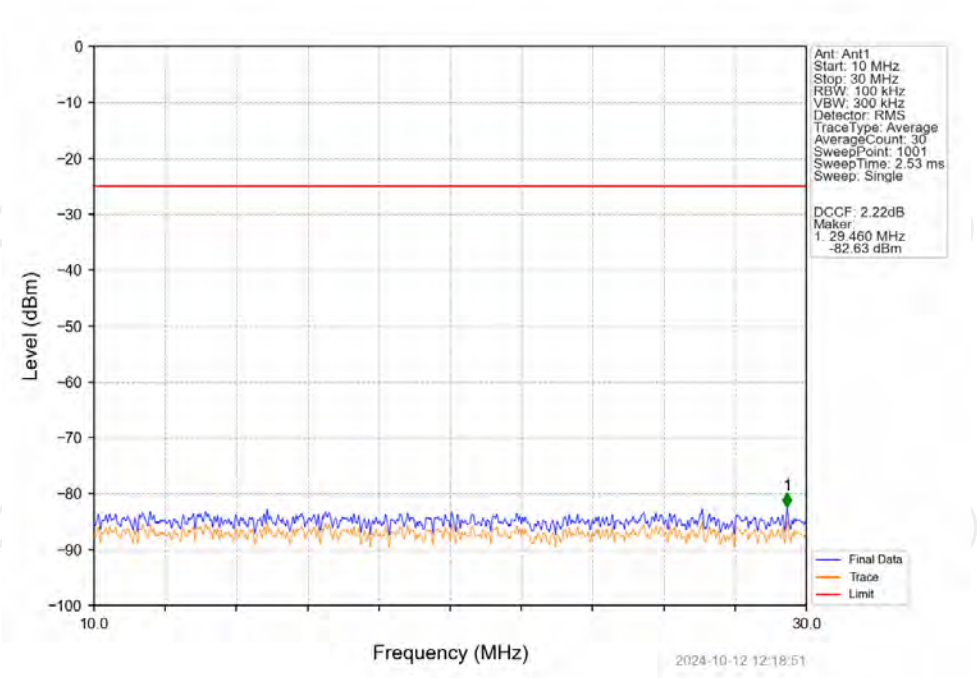
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



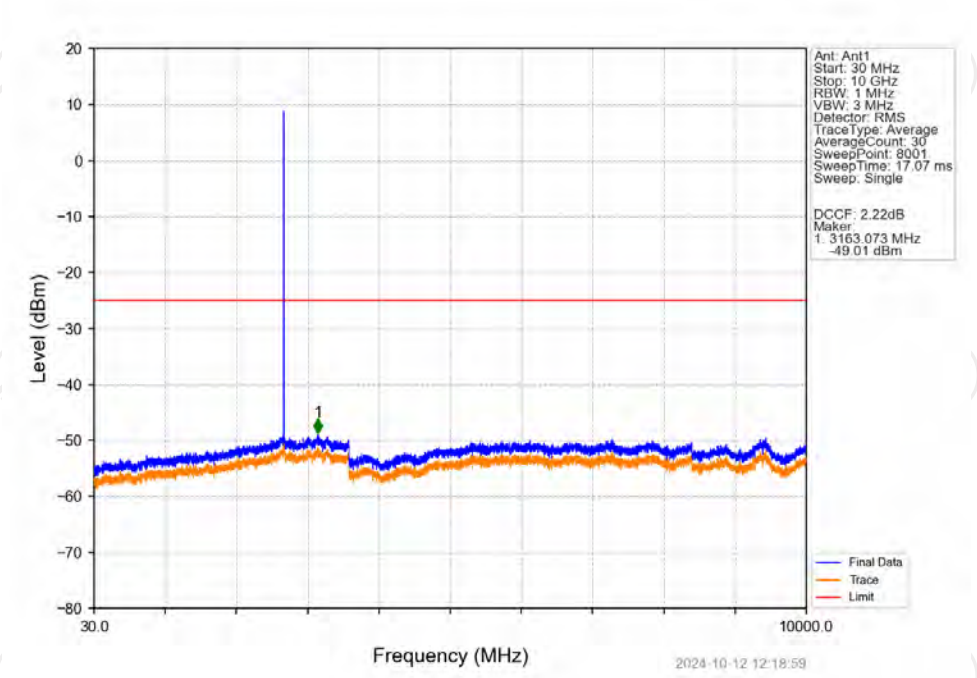
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



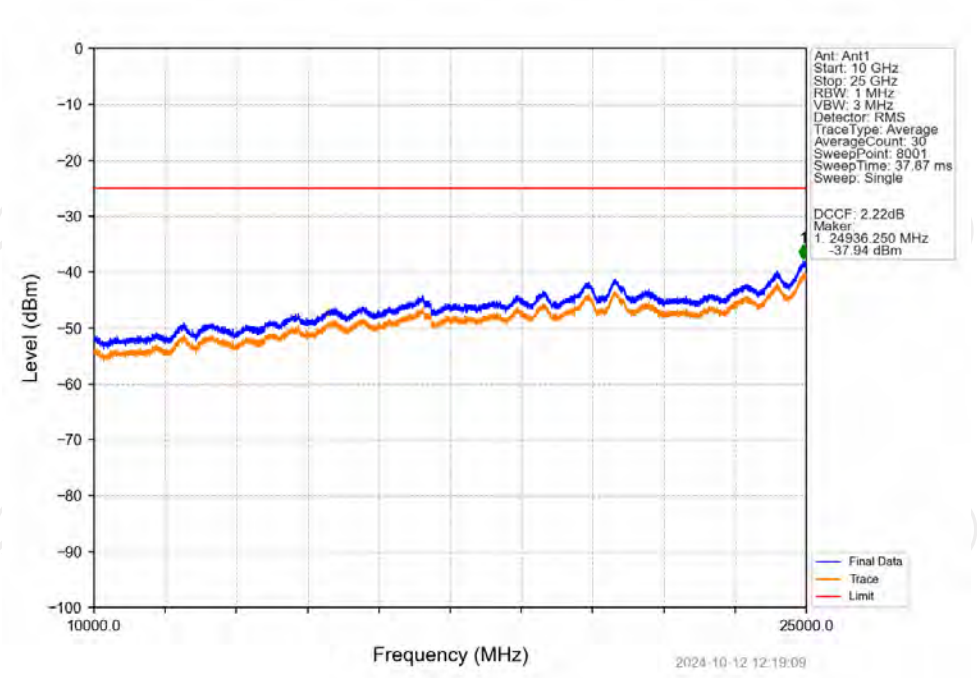
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



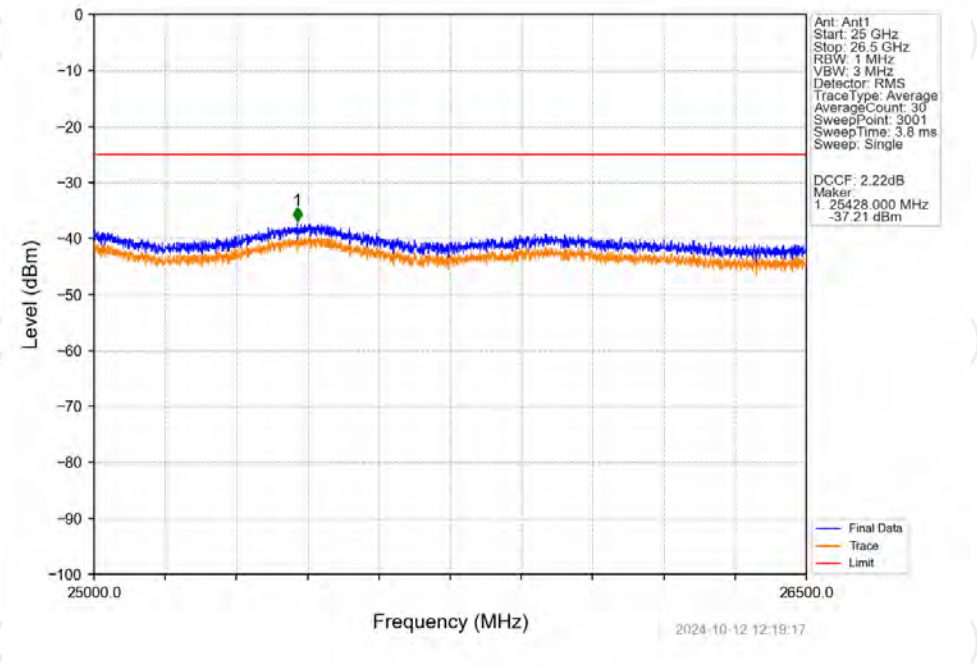
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



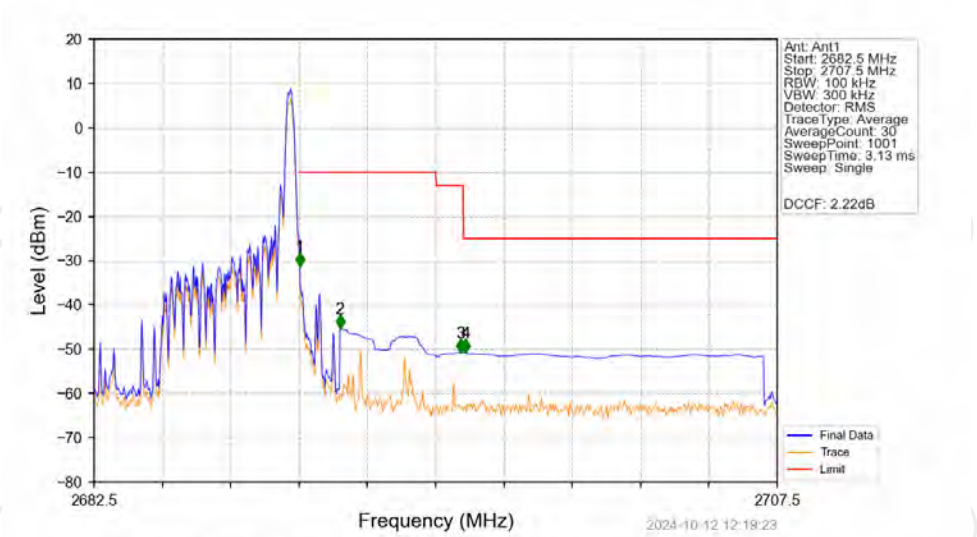
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV

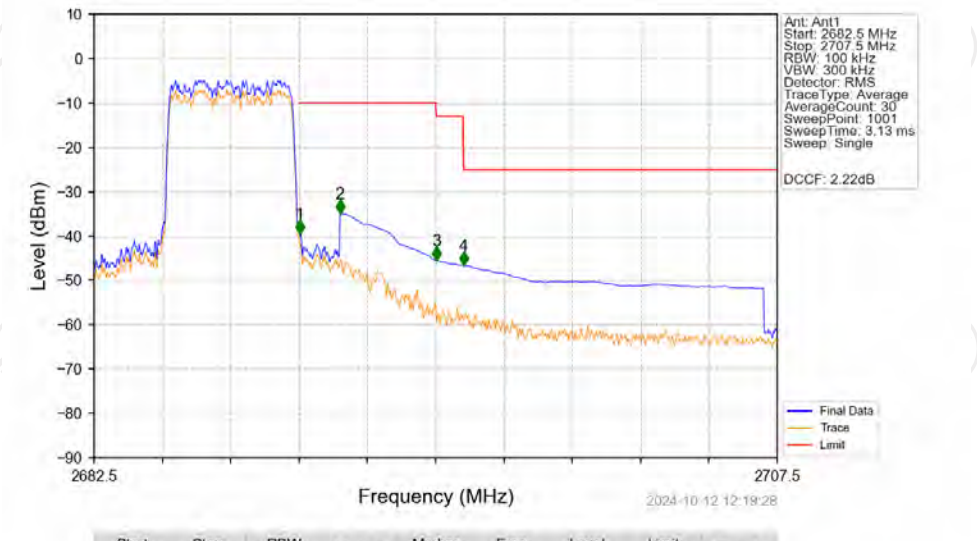


Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.025	-31.39	-10	Pass
2691	2695	1	CHP	2	2691.500	-45.27	-10	Pass
2695	2696	1	CHP	3	2695.925	-50.76	-13	Pass
2696	2707.5	1	CHP	4	2696.100	-50.73	-25	Pass

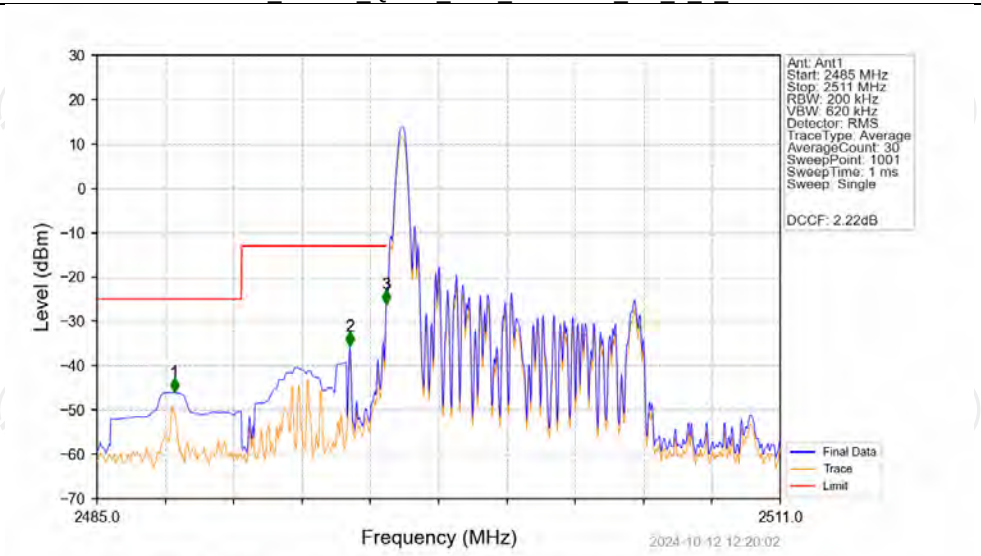
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.025	-39.46	-10	Pass
2691	2695	1	CHP	2	2691.500	-34.88	-10	Pass
2695	2696	1	CHP	3	2695.025	-45.53	-13	Pass
2696	2707.5	1	CHP	4	2696.025	-46.67	-25	Pass

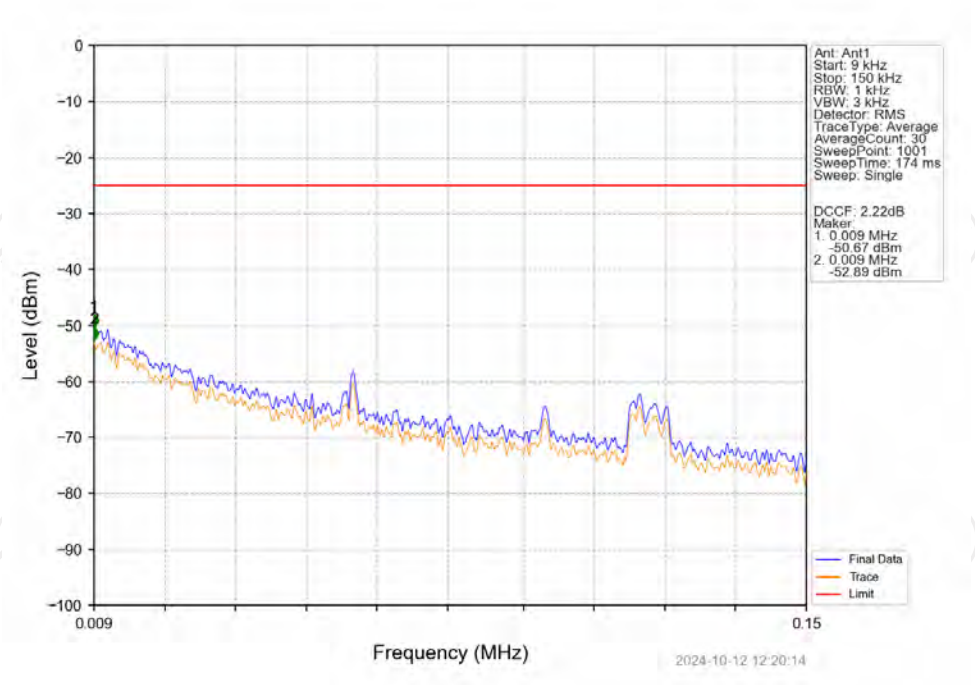
6.2.2 B41_10MHz

Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

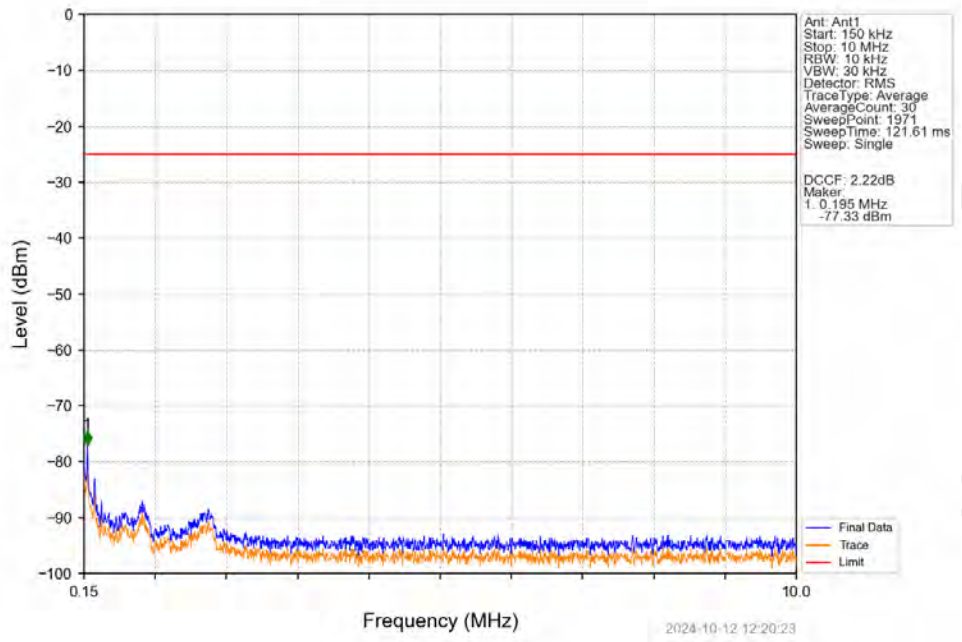


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.938	-45.98	-25	Pass
2490.5	2495	1	CHP	2	2494.620	-35.44	-13	Pass
2495	2496	0.2	/	3	2495.998	-26.10	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

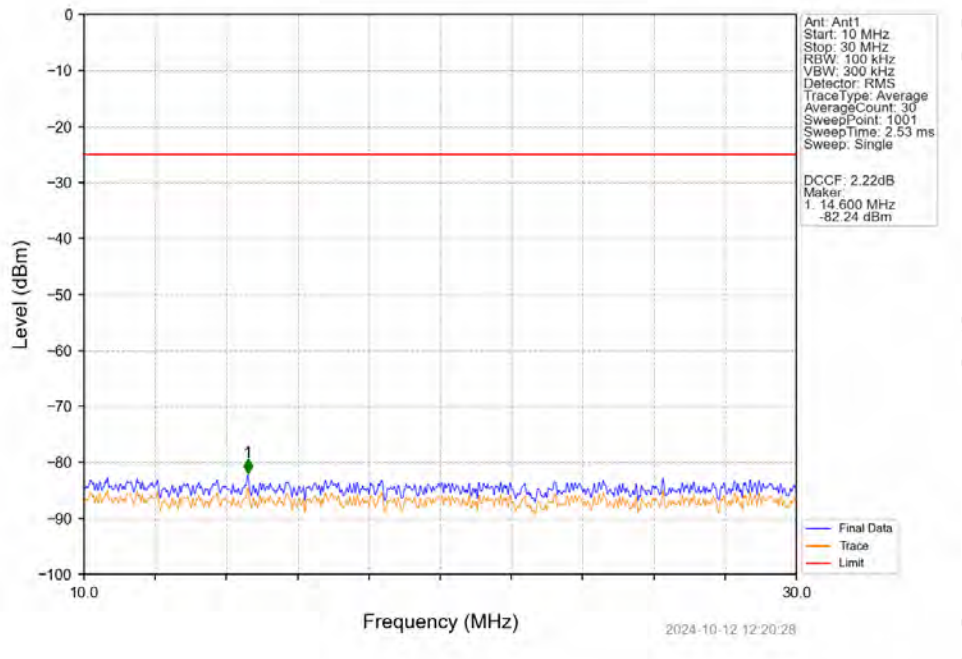
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



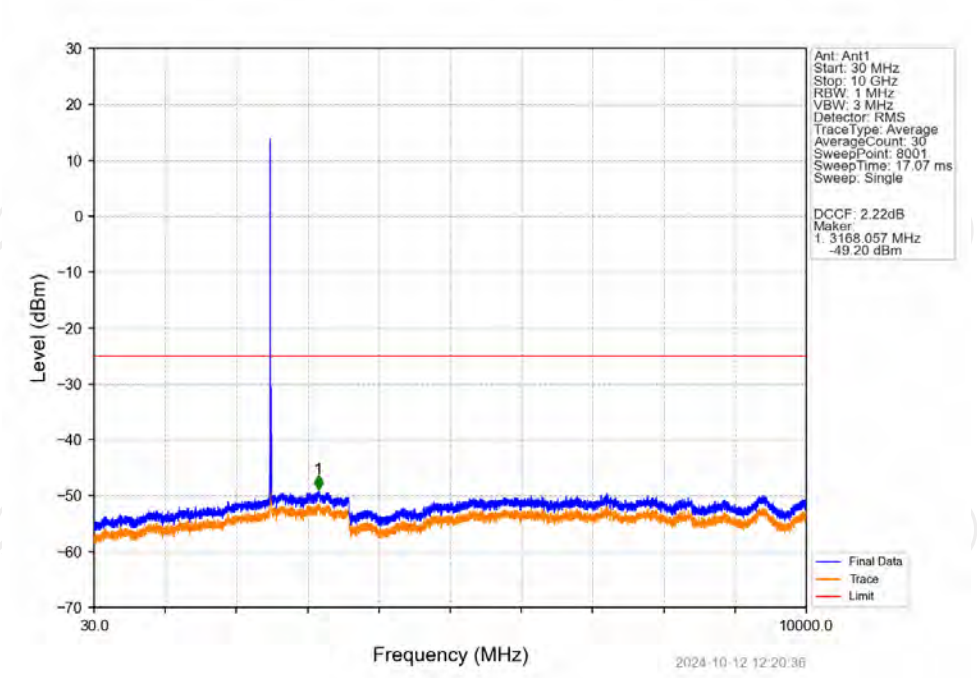
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



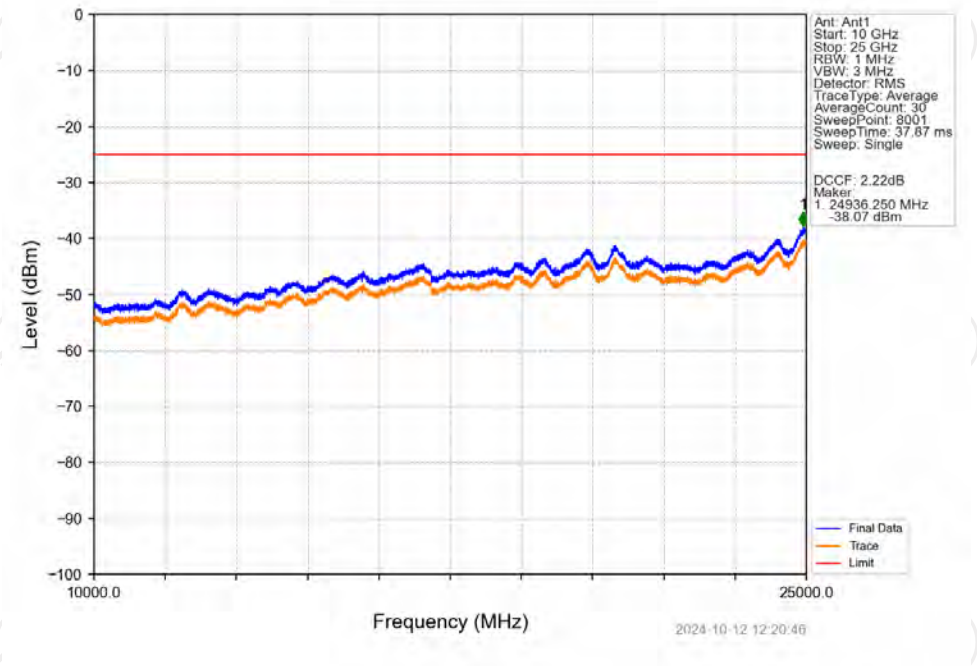
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



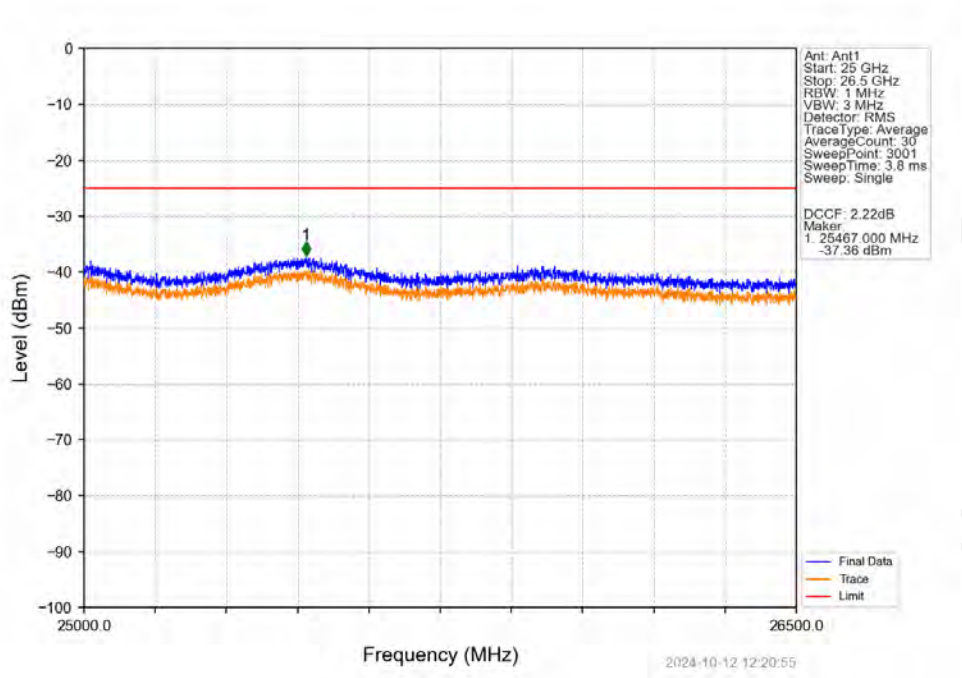
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



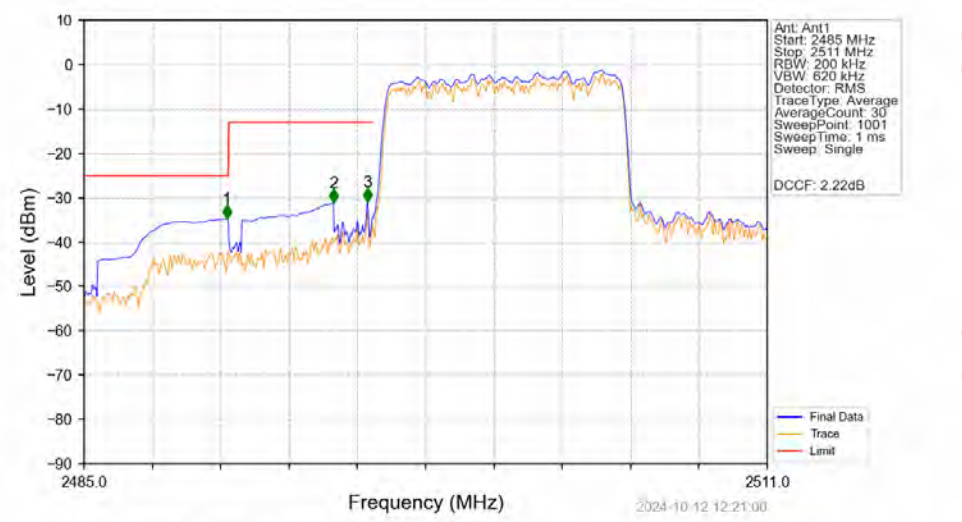
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

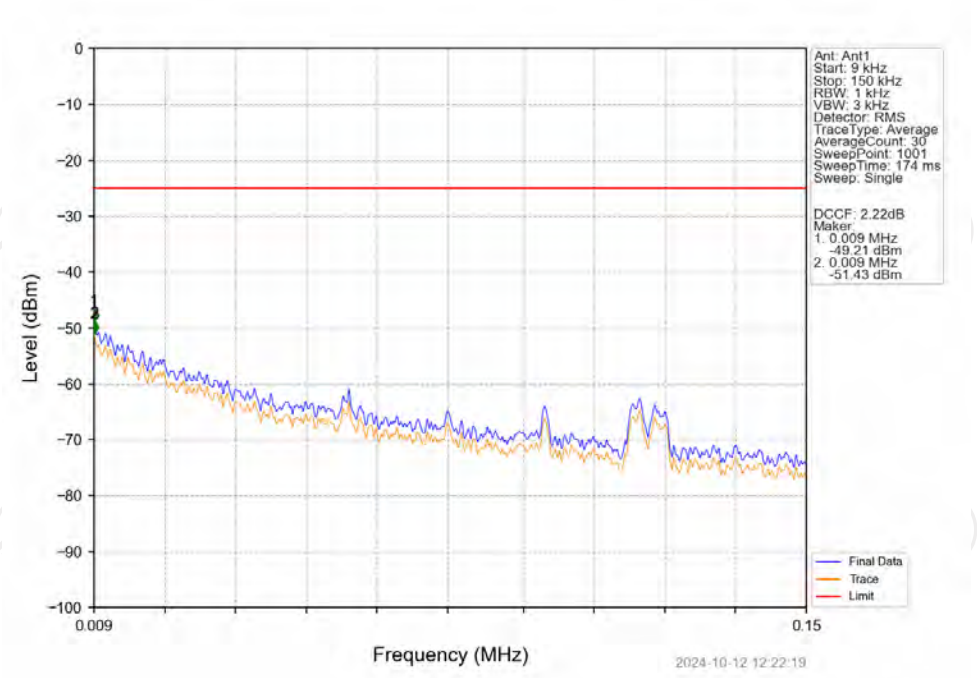


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

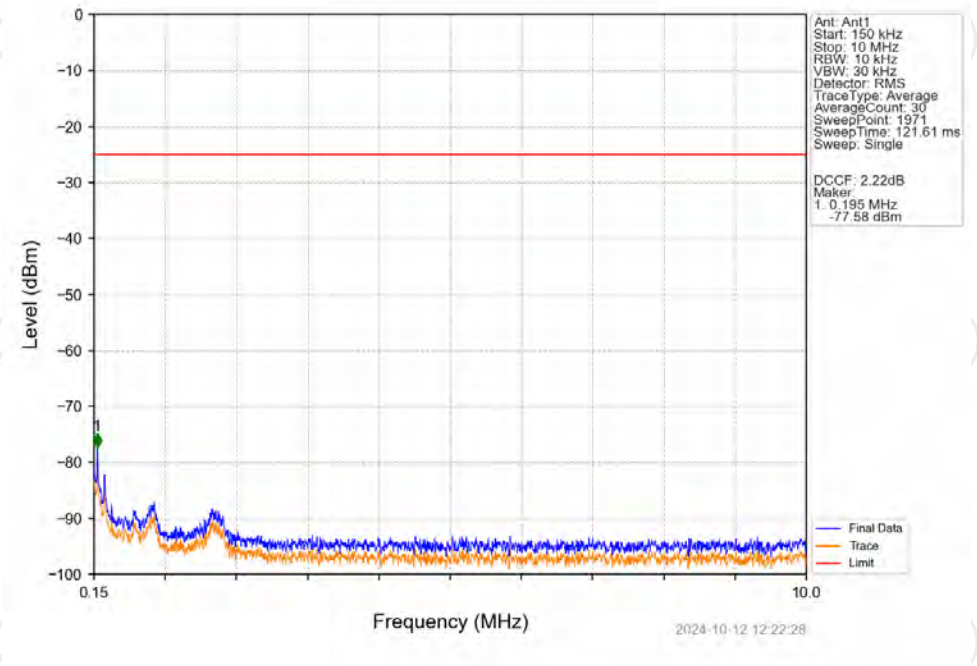


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.434	-34.78	25	Pass
2490.5	2495	1	CHP	2	2494.490	-31.16	-13	Pass
2495	2496	0.2	/	3	2495.790	-30.99	-13	Pass
2496	2511	0.203	CHP	/	/	/	/	/

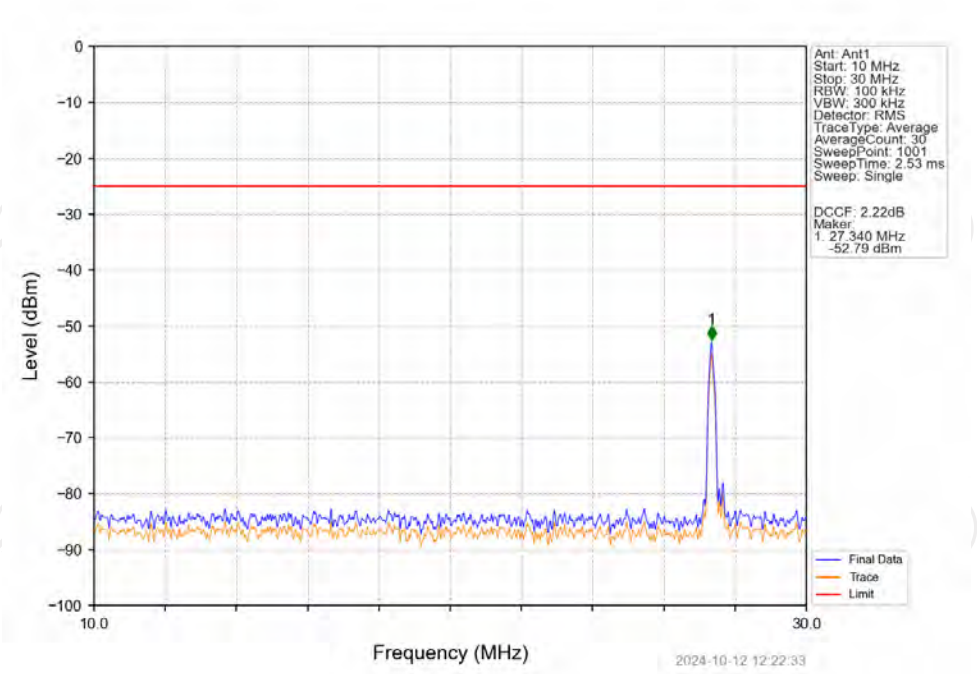
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



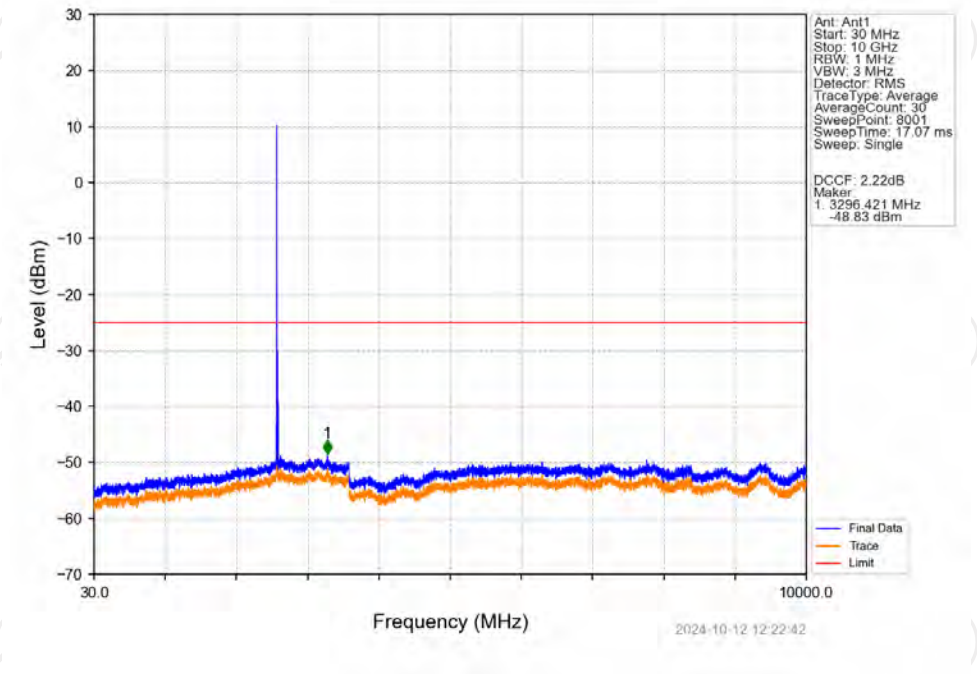
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



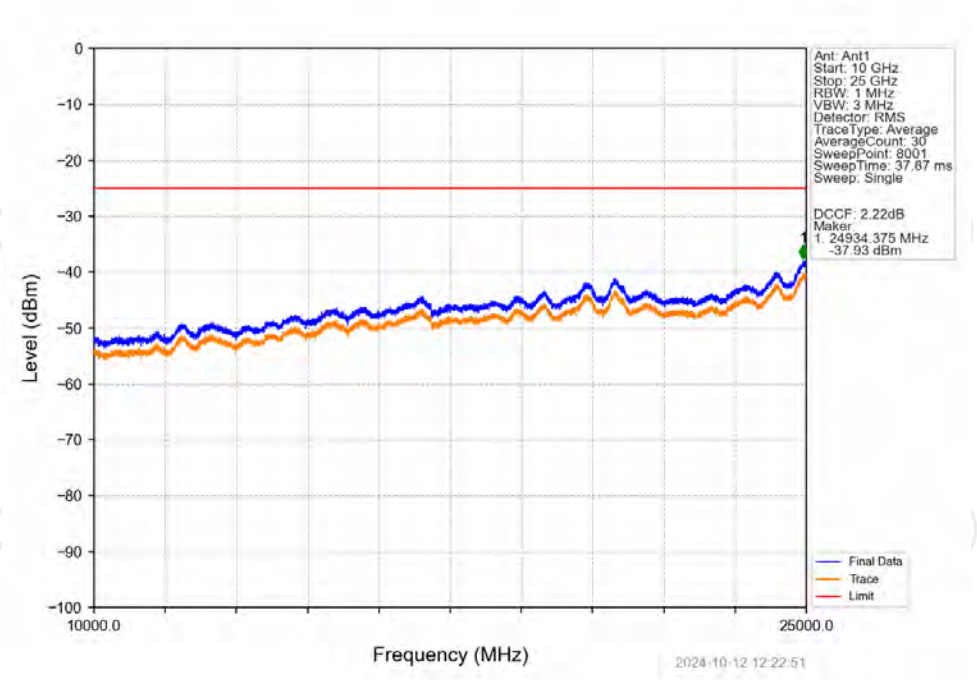
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



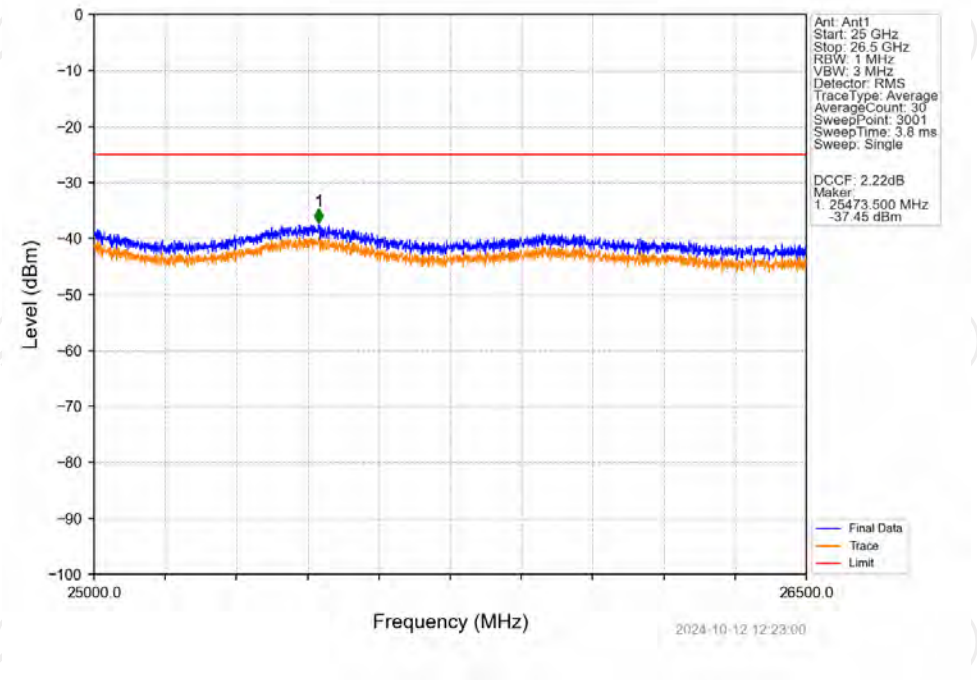
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



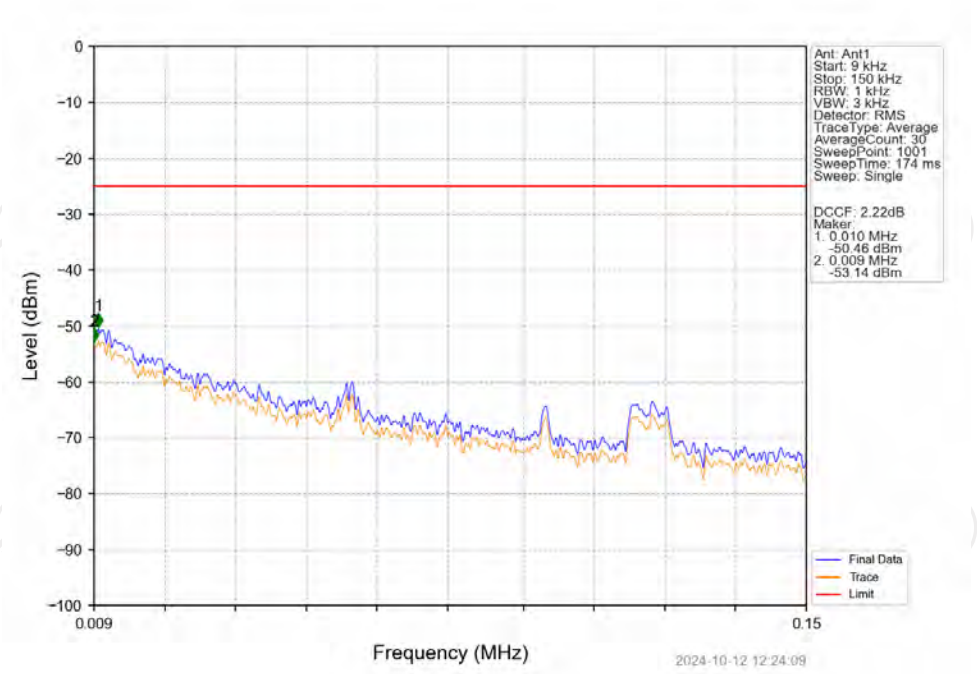
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



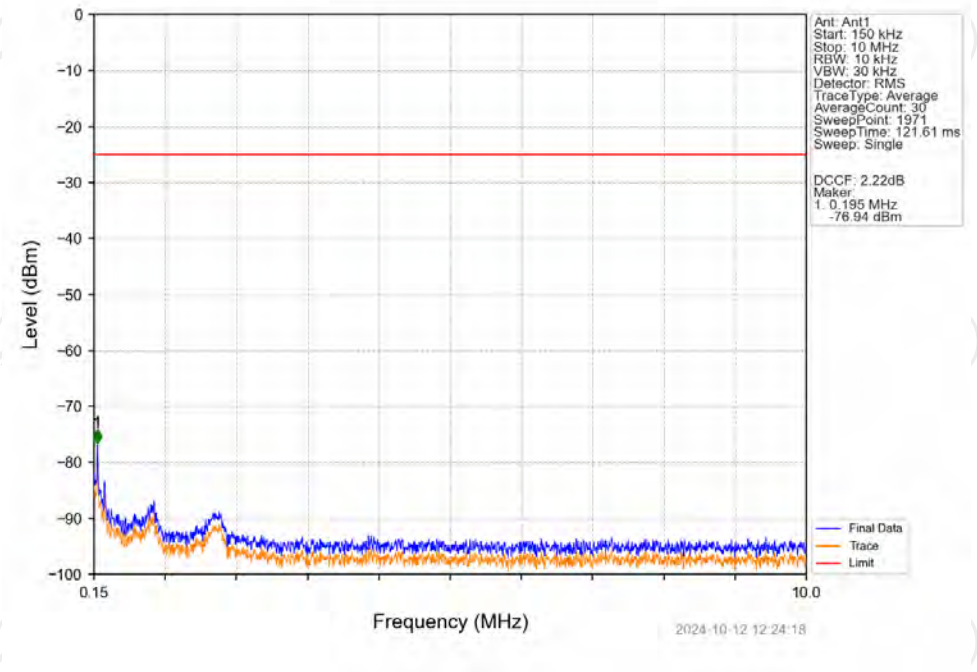
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



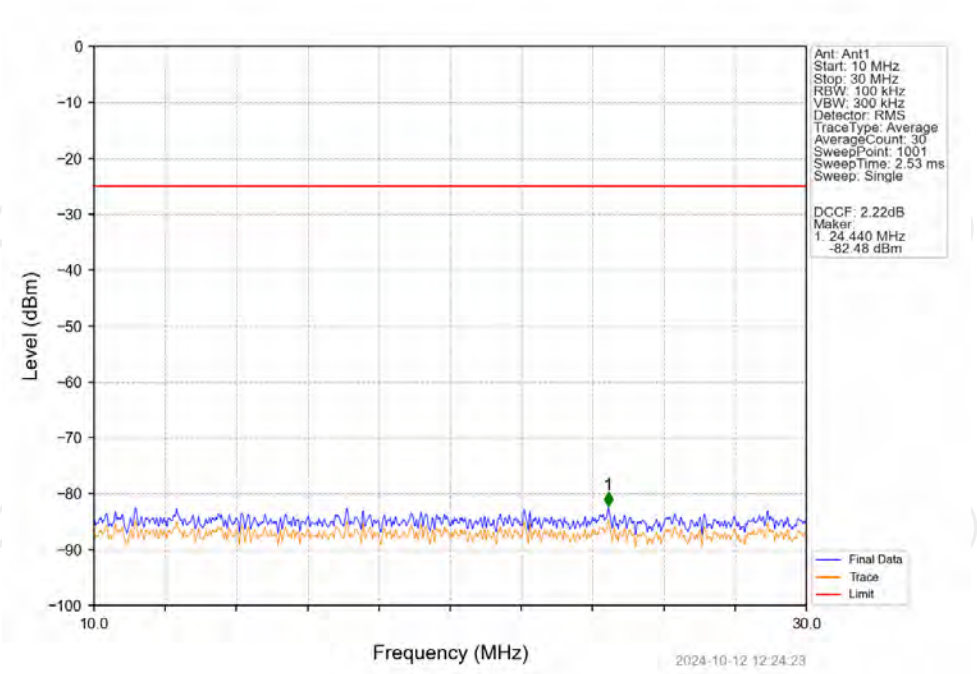
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



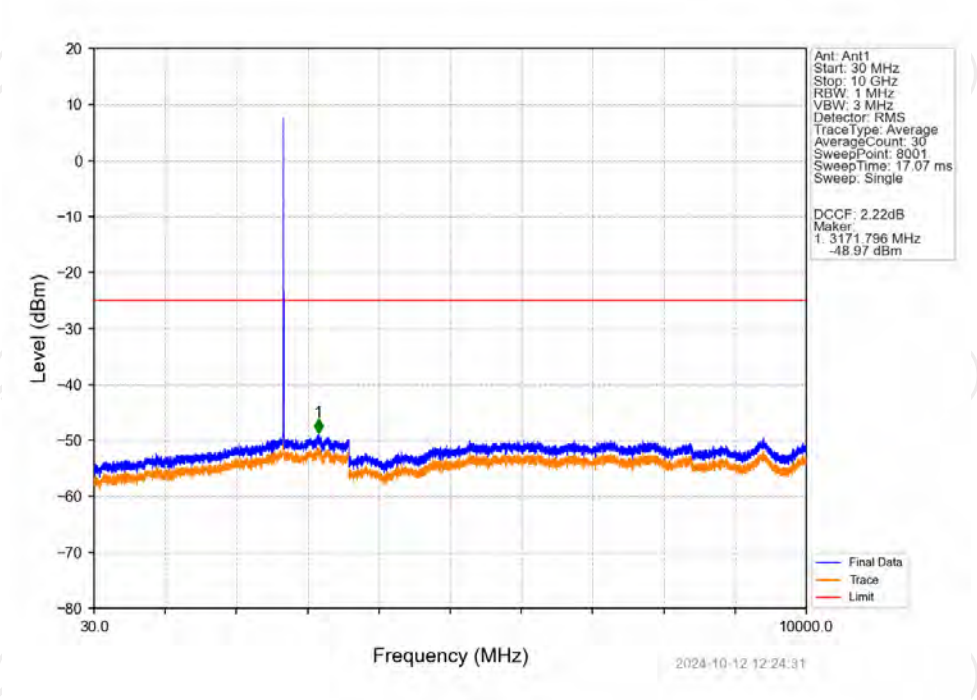
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



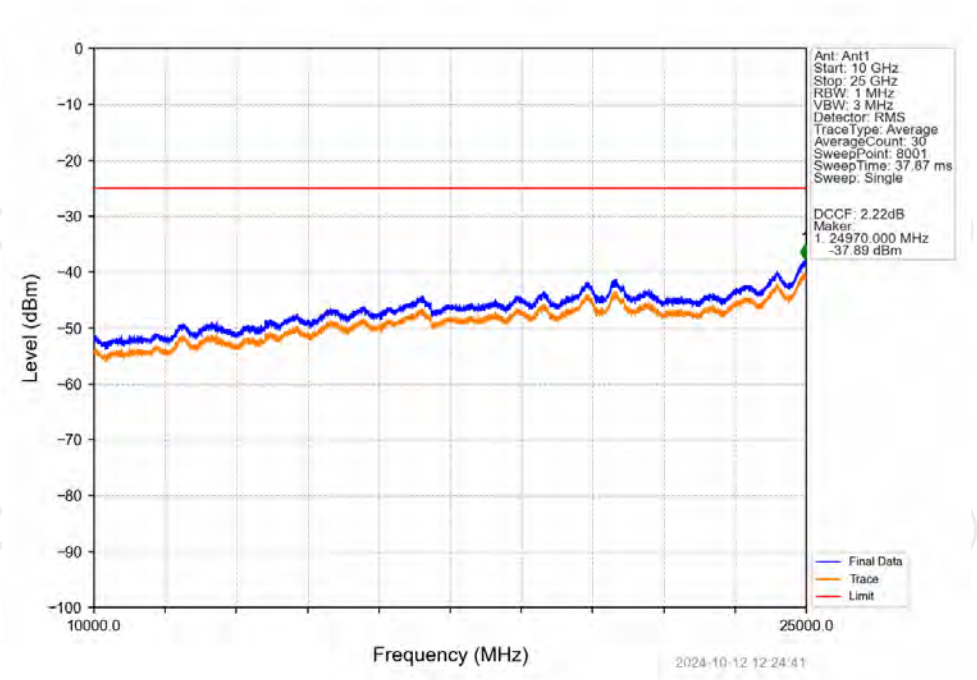
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



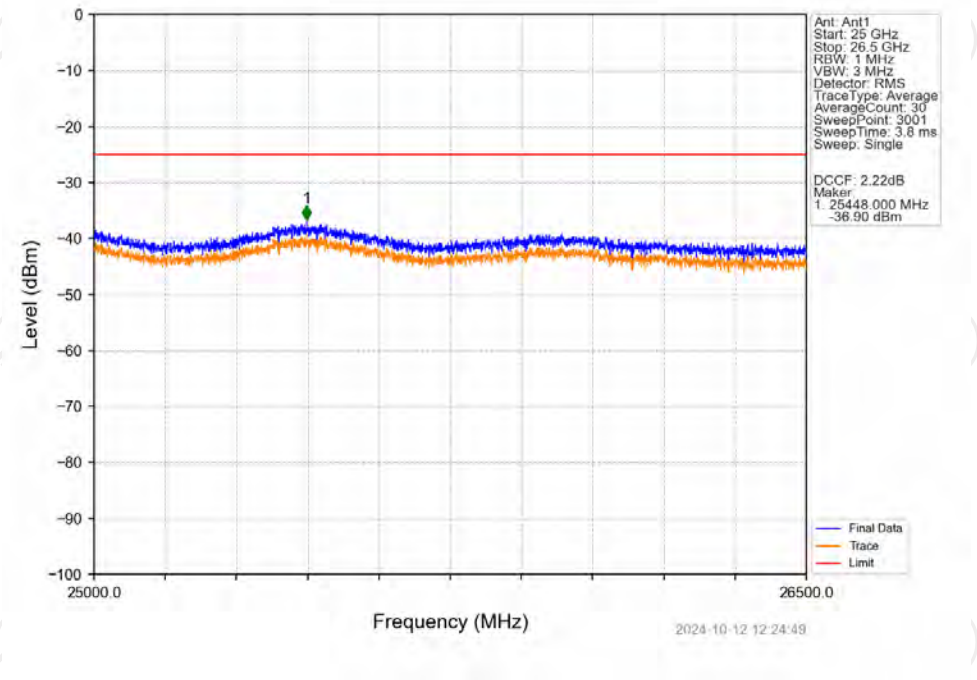
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



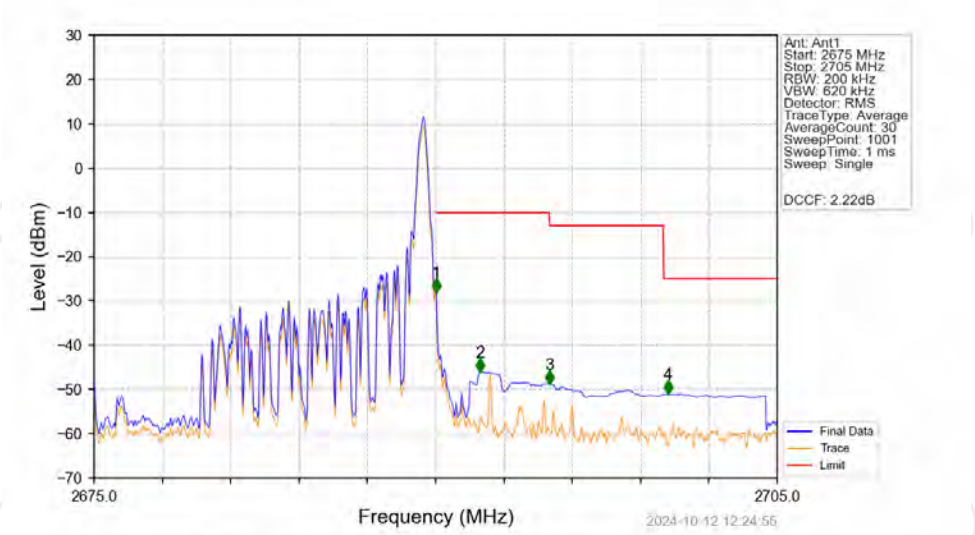
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

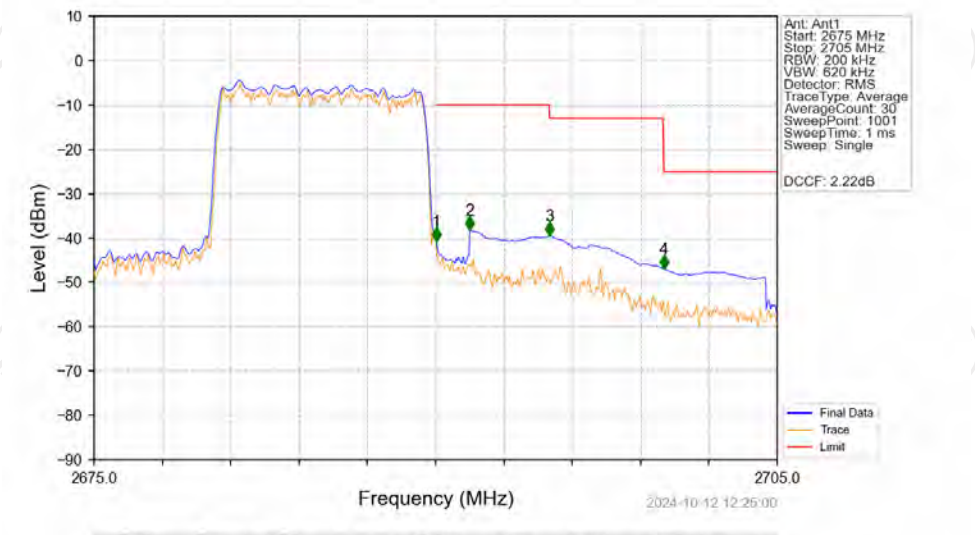


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



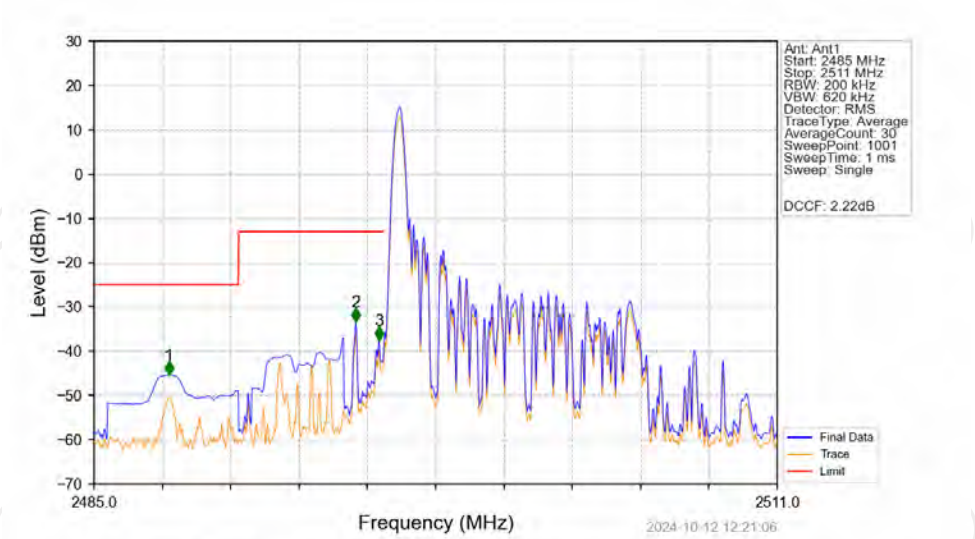
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.2	/	/	/	/	/	/
2690	2691	0.2	/	1	2690.030	-28.00	-10	Pass
2691	2695	1	CHP	2	2691.950	-46.02	-10	Pass
2695	2700	1	CHP	3	2695.010	-48.80	-13	Pass
2700	2705	1	CHP	4	2700.200	-51.04	-25	Pass

Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



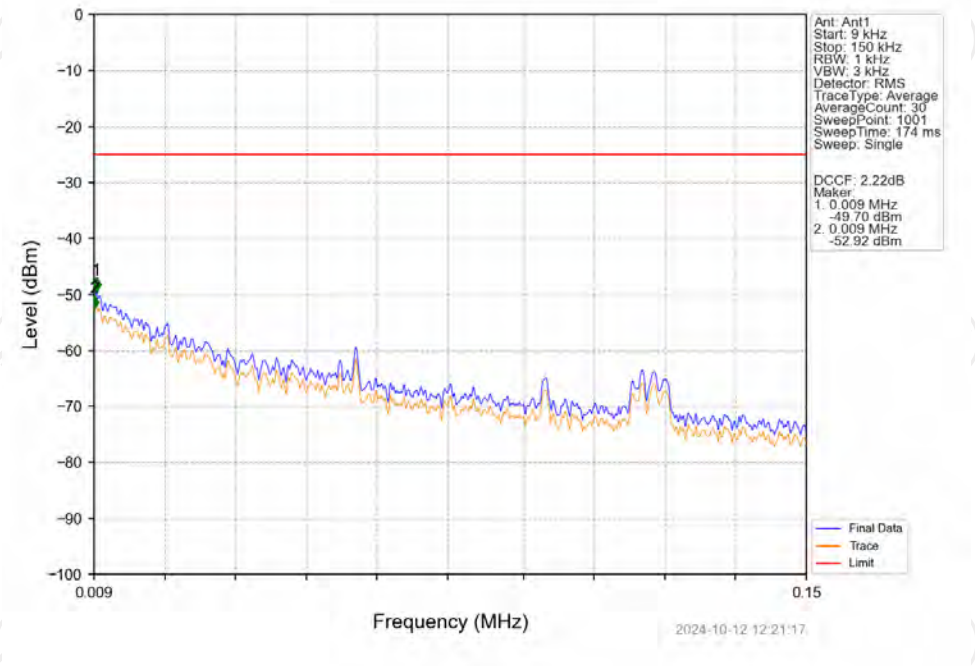
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.203	CHP	/	/	/	/	/
2690	2691	0.203	CHP	1	2690.030	-40.78	-10	Pass
2691	2695	1	CHP	2	2691.500	-38.19	-10	Pass
2695	2700	1	CHP	3	2695.010	-39.53	-13	Pass
2700	2705	1	CHP	4	2700.020	-46.97	-25	Pass

Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV

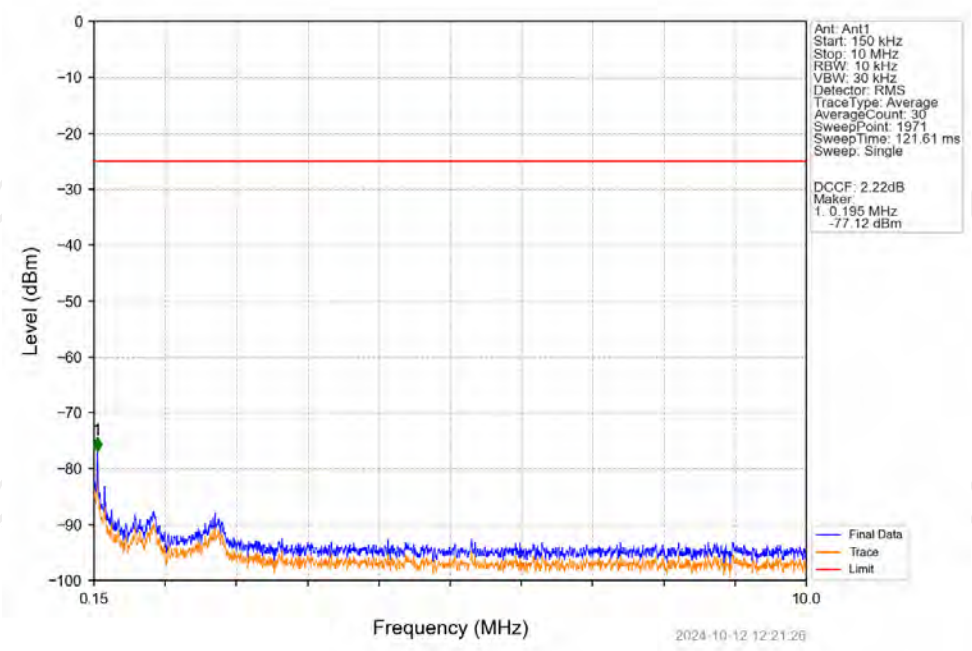


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.860	-45.33	-25	Pass
2490.5	2495	1	CHP	2	2494.958	-33.35	-13	Pass
2495	2496	0.2	/	3	2495.842	-37.46	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

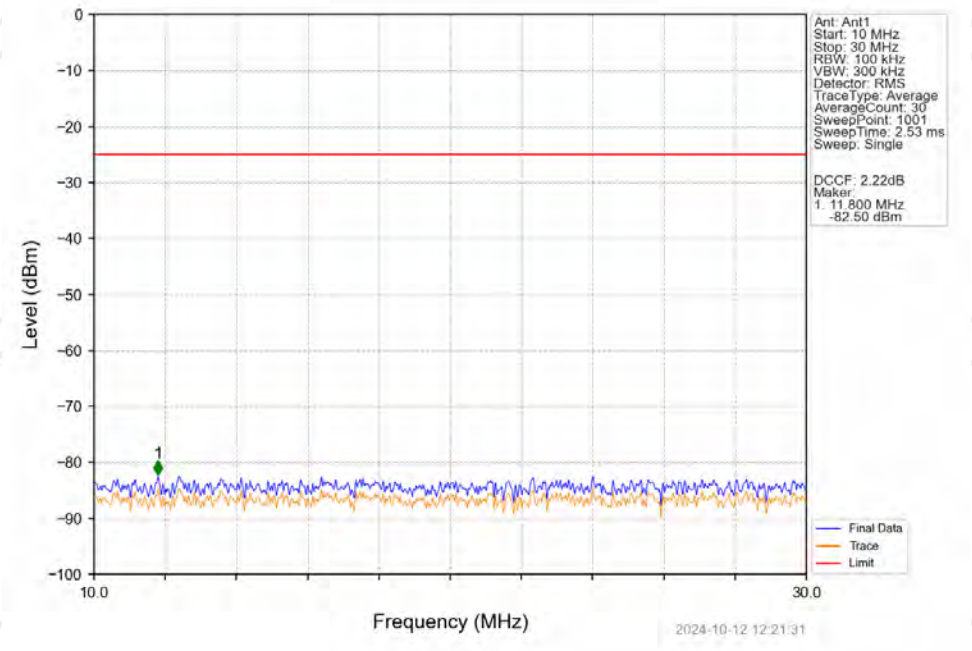
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



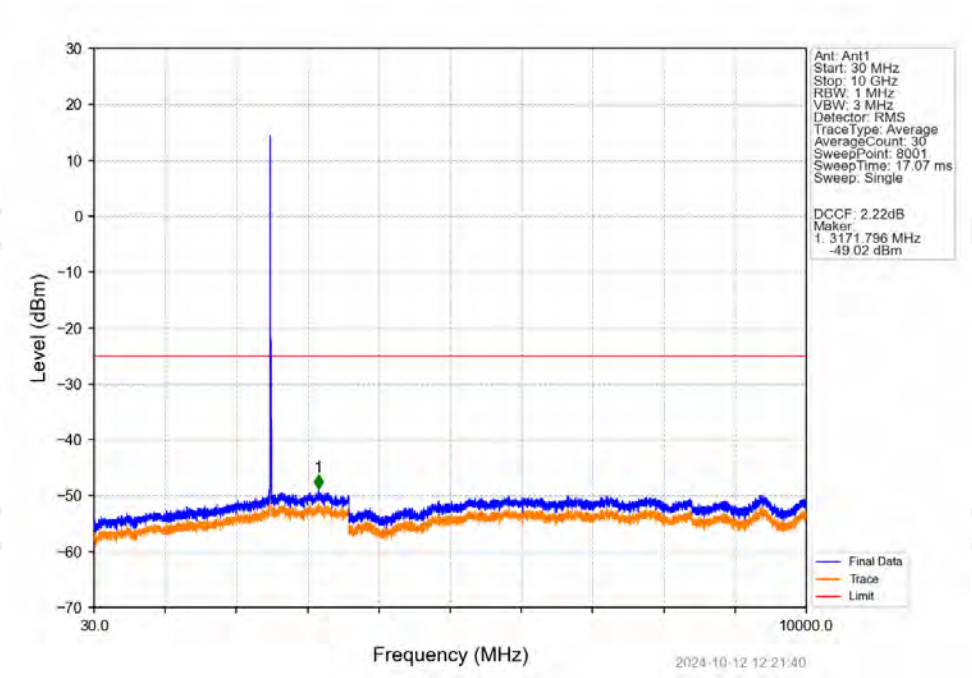
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



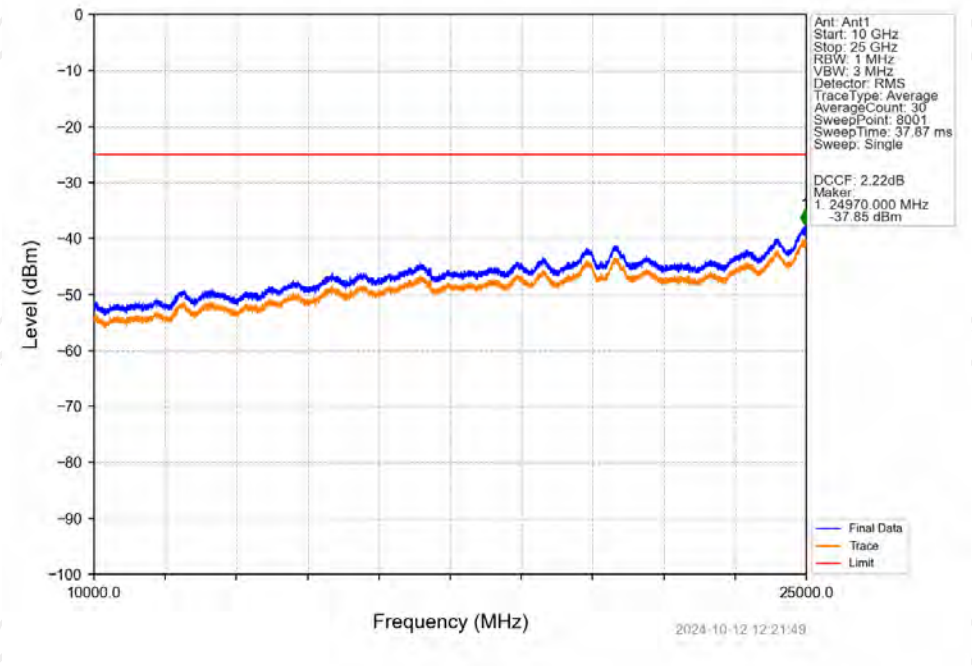
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



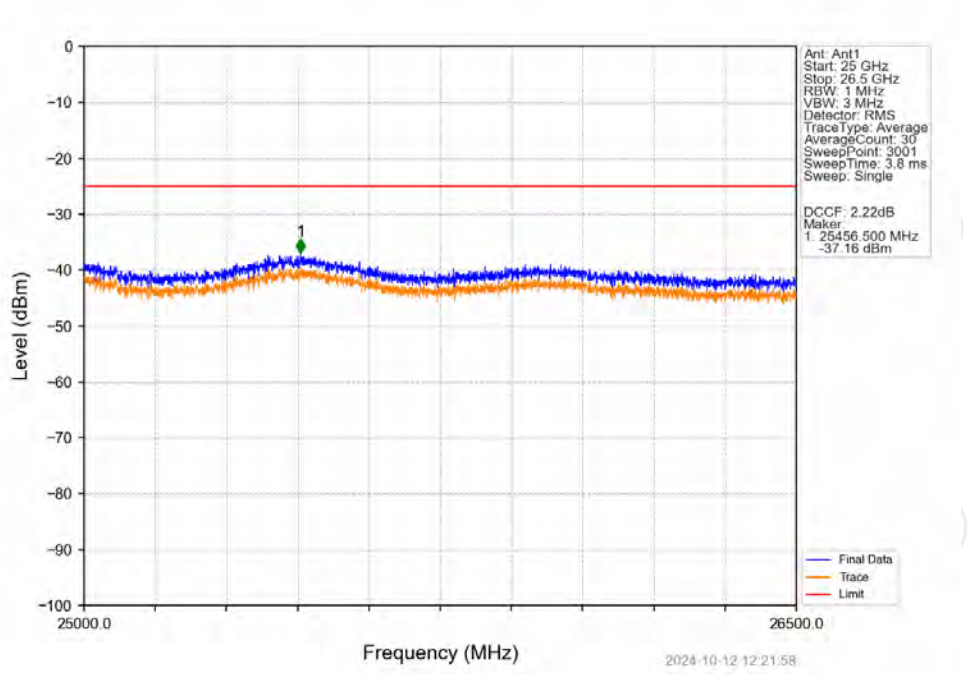
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



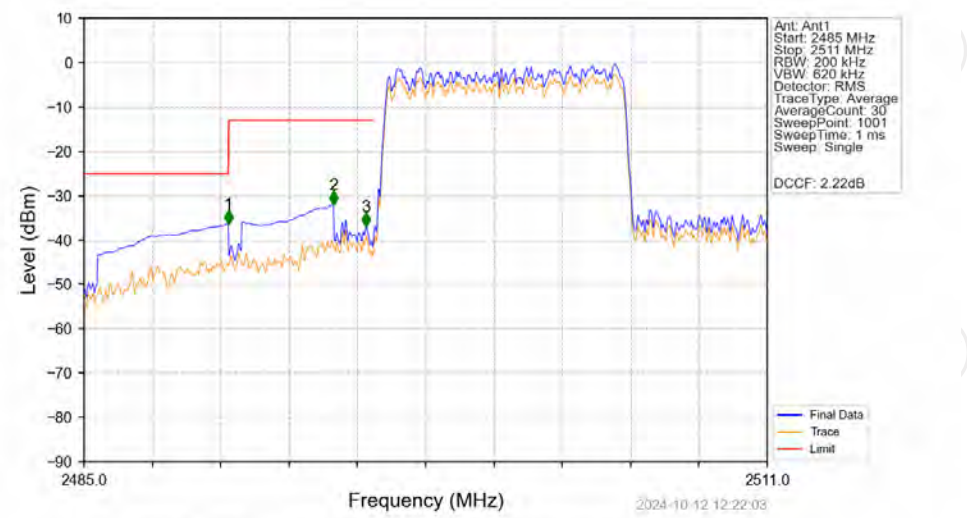
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV

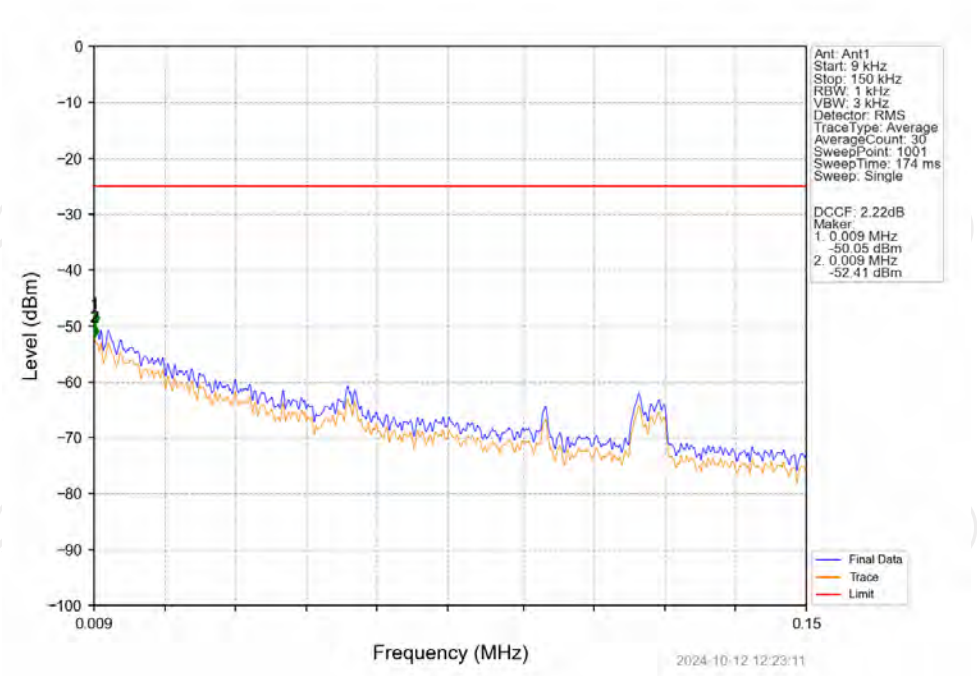


Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV

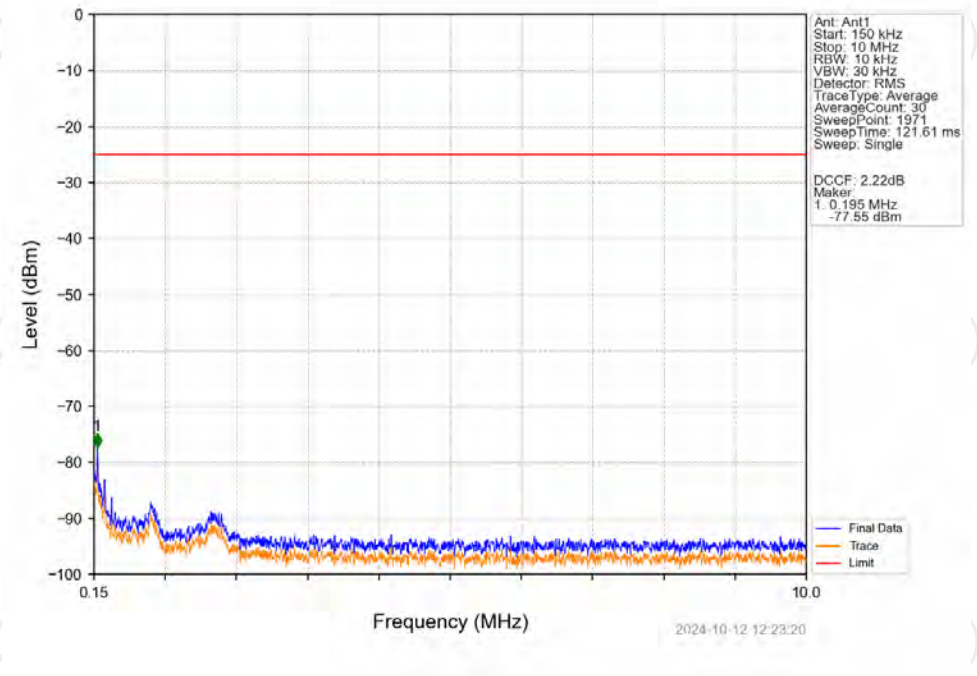


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.486	-36.33	25	Pass
2490.5	2495	1	CHP	2	2494.490	-31.99	-13	Pass
2495	2496	0.2	/	3	2495.738	-36.92	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

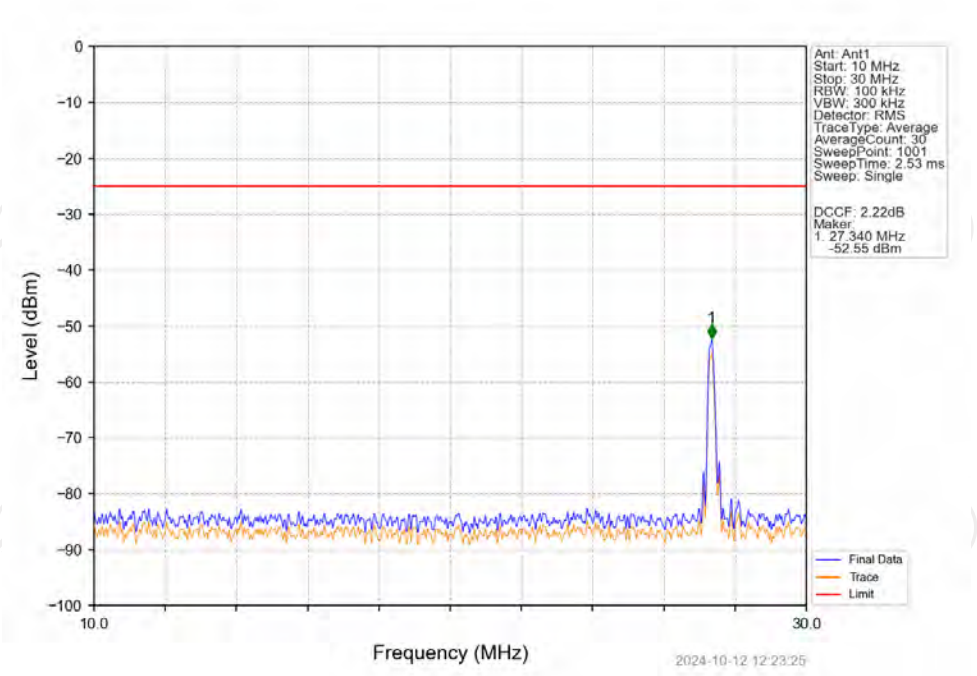
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



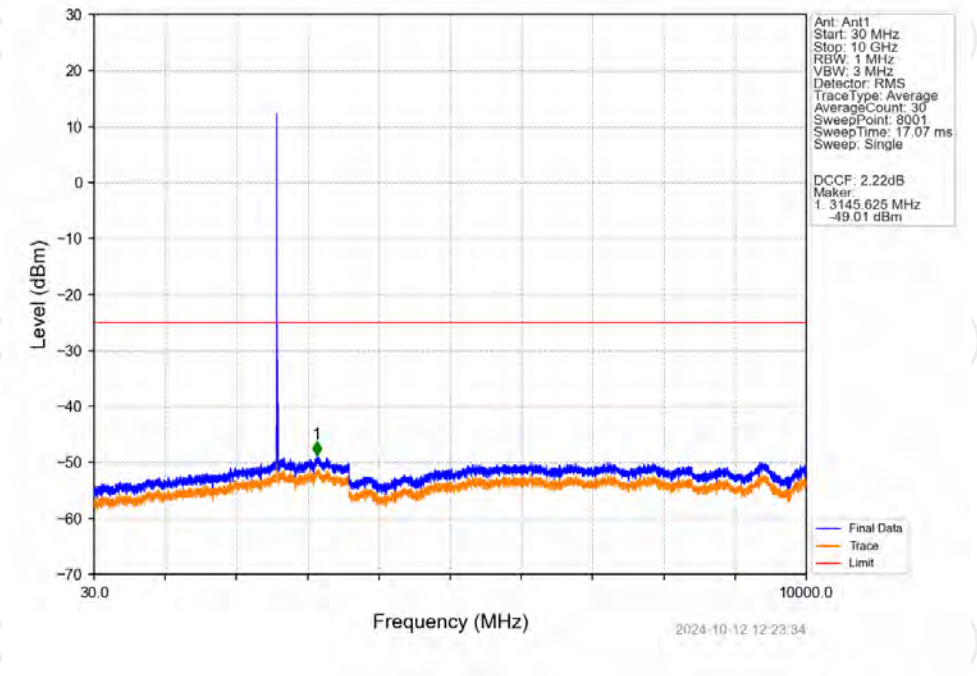
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



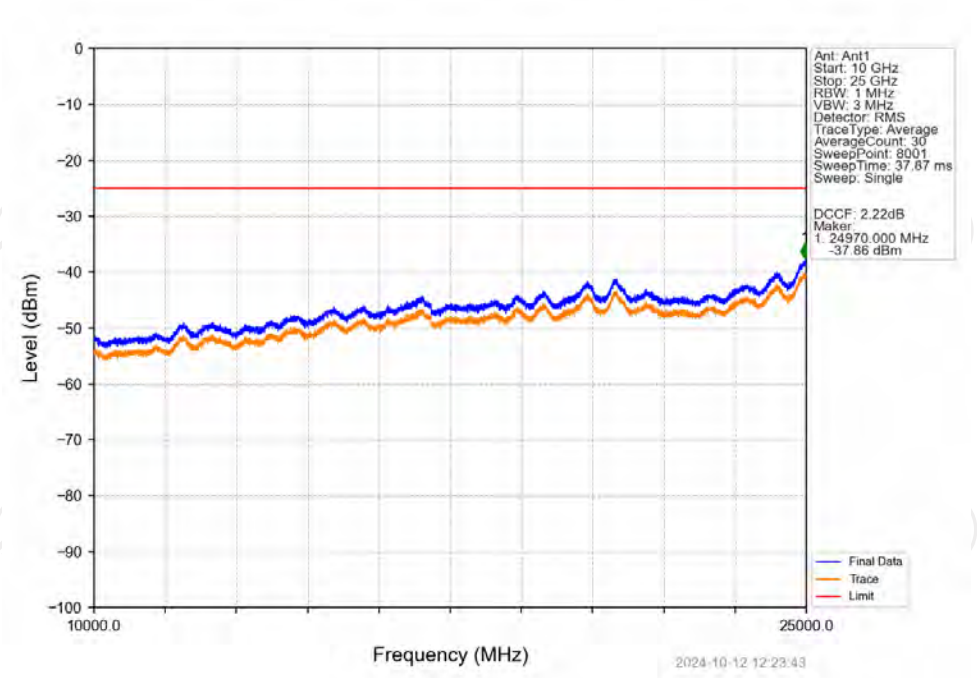
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



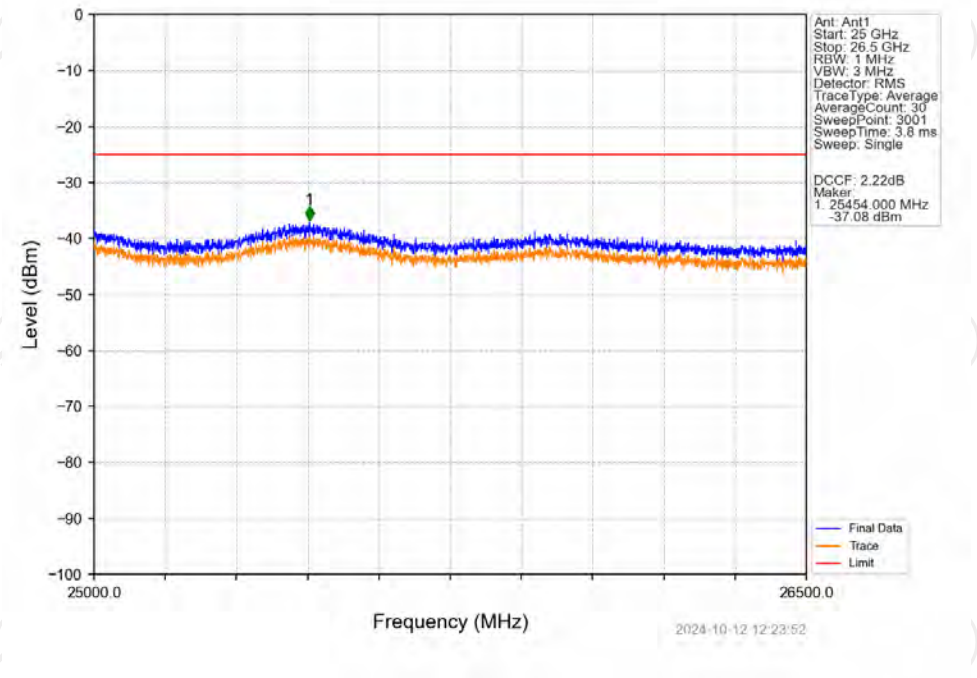
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



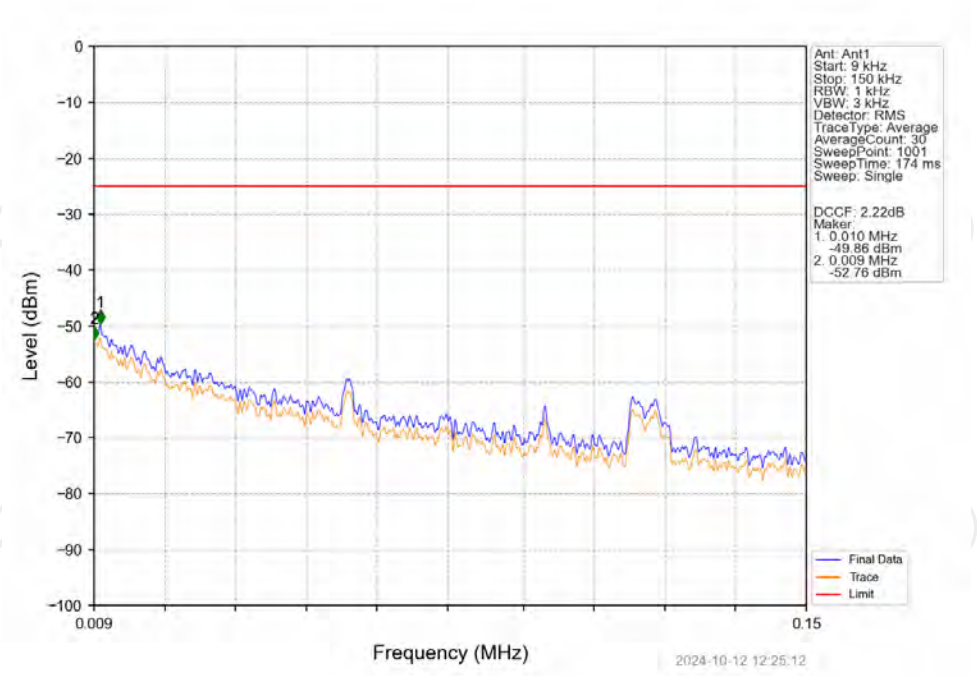
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV