

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	21.22	1.75	22.97	<=33.01	Pass
			13	21.12	1.75	22.87	<=33.01	Pass
			24	21.04	1.75	22.79	<=33.01	Pass
		12	0	20.05	1.75	21.80	<=33.01	Pass
			6	20.18	1.75	21.93	<=33.01	Pass
			13	20.20	1.75	21.95	<=33.01	Pass
		25	0	20.24	1.75	21.99	<=33.01	Pass
	2593	1	0	20.87	1.75	22.62	<=33.01	Pass
			13	20.85	1.75	22.60	<=33.01	Pass
			24	20.82	1.75	22.57	<=33.01	Pass
		12	0	20.01	1.75	21.76	<=33.01	Pass
			6	20.06	1.75	21.81	<=33.01	Pass
			13	19.99	1.75	21.74	<=33.01	Pass
		25	0	19.91	1.75	21.66	<=33.01	Pass
	2687.5	1	0	20.76	1.75	22.51	<=33.01	Pass
			13	20.66	1.75	22.41	<=33.01	Pass
			24	20.62	1.75	22.37	<=33.01	Pass
		12	0	19.63	1.75	21.38	<=33.01	Pass
			6	19.74	1.75	21.49	<=33.01	Pass
			13	19.64	1.75	21.39	<=33.01	Pass
		25	0	19.77	1.75	21.52	<=33.01	Pass
16QAM	2498.5	1	0	20.67	1.75	22.42	<=33.01	Pass
			13	20.37	1.75	22.12	<=33.01	Pass
			24	20.60	1.75	22.35	<=33.01	Pass
		12	0	19.21	1.75	20.96	<=33.01	Pass
			6	19.24	1.75	20.99	<=33.01	Pass
			13	19.14	1.75	20.89	<=33.01	Pass
		25	0	19.18	1.75	20.93	<=33.01	Pass
	2593	1	0	21.42	1.75	23.17	<=33.01	Pass
			13	21.11	1.75	22.86	<=33.01	Pass
			24	21.13	1.75	22.88	<=33.01	Pass
		12	0	19.01	1.75	20.76	<=33.01	Pass
			6	18.99	1.75	20.74	<=33.01	Pass
			13	18.96	1.75	20.71	<=33.01	Pass
		25	0	19.23	1.75	20.98	<=33.01	Pass
	2687.5	1	0	20.14	1.75	21.89	<=33.01	Pass
			13	20.32	1.75	22.07	<=33.01	Pass
			24	20.25	1.75	22.00	<=33.01	Pass
		12	0	18.70	1.75	20.45	<=33.01	Pass
			6	18.69	1.75	20.44	<=33.01	Pass
			13	18.62	1.75	20.37	<=33.01	Pass
		25	0	18.74	1.75	20.49	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B41_10MHz_EIRP

Band: 41 / Bandwidth: 10MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2501	1	0	21.27	1.75	23.02	<=33.01	Pass
			25	21.24	1.75	22.99	<=33.01	Pass
			49	21.02	1.75	22.77	<=33.01	Pass
		25	0	20.28	1.75	22.03	<=33.01	Pass
			13	20.21	1.75	21.96	<=33.01	Pass
			25	20.13	1.75	21.88	<=33.01	Pass
		50	0	20.22	1.75	21.97	<=33.01	Pass
	2593	1	0	21.06	1.75	22.81	<=33.01	Pass
			25	20.88	1.75	22.63	<=33.01	Pass
			49	21.00	1.75	22.75	<=33.01	Pass
		25	0	20.01	1.75	21.76	<=33.01	Pass
			13	19.93	1.75	21.68	<=33.01	Pass
			25	19.95	1.75	21.70	<=33.01	Pass
		50	0	19.96	1.75	21.71	<=33.01	Pass
	2685	1	0	20.75	1.75	22.50	<=33.01	Pass
			25	20.72	1.75	22.47	<=33.01	Pass
			49	20.72	1.75	22.47	<=33.01	Pass
		25	0	19.62	1.75	21.37	<=33.01	Pass
			13	19.59	1.75	21.34	<=33.01	Pass
			25	19.61	1.75	21.36	<=33.01	Pass
		50	0	19.65	1.75	21.40	<=33.01	Pass
16QAM	2501	1	0	20.82	1.75	22.57	<=33.01	Pass
			25	20.48	1.75	22.23	<=33.01	Pass
			49	20.68	1.75	22.43	<=33.01	Pass
		25	0	19.44	1.75	21.19	<=33.01	Pass
			13	19.47	1.75	21.22	<=33.01	Pass
			25	19.52	1.75	21.27	<=33.01	Pass
		50	0	19.14	1.75	20.89	<=33.01	Pass
	2593	1	0	21.43	1.75	23.18	<=33.01	Pass
			25	21.33	1.75	23.08	<=33.01	Pass
			49	21.32	1.75	23.07	<=33.01	Pass
		25	0	19.08	1.75	20.83	<=33.01	Pass
			13	19.09	1.75	20.84	<=33.01	Pass
			25	19.11	1.75	20.86	<=33.01	Pass
		50	0	19.22	1.75	20.97	<=33.01	Pass
	2685	1	0	20.22	1.75	21.97	<=33.01	Pass
			25	20.15	1.75	21.90	<=33.01	Pass
			49	20.25	1.75	22.00	<=33.01	Pass
		25	0	18.84	1.75	20.59	<=33.01	Pass
			13	18.72	1.75	20.47	<=33.01	Pass
			25	18.76	1.75	20.51	<=33.01	Pass
		50	0	18.82	1.75	20.57	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B41_15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	20.96	1.75	22.71	<=33.01	Pass
			38	21.07	1.75	22.82	<=33.01	Pass
			74	21.09	1.75	22.84	<=33.01	Pass
		36	0	20.13	1.75	21.88	<=33.01	Pass
			18	20.07	1.75	21.82	<=33.01	Pass
			39	20.11	1.75	21.86	<=33.01	Pass

16QAM	2593	75	0	20.10	1.75	21.85	<=33.01	Pass	
			1	0	21.06	1.75	22.81	<=33.01	Pass
				38	20.95	1.75	22.70	<=33.01	Pass
				74	20.78	1.75	22.53	<=33.01	Pass
		36		0	19.90	1.75	21.65	<=33.01	Pass
			18	19.84	1.75	21.59	<=33.01	Pass	
			39	19.90	1.75	21.65	<=33.01	Pass	
			75	0	19.85	1.75	21.60	<=33.01	Pass
		2682.5	1	0	20.62	1.75	22.37	<=33.01	Pass
				38	20.66	1.75	22.41	<=33.01	Pass
				74	20.49	1.75	22.24	<=33.01	Pass
				36	0	19.62	1.75	21.37	<=33.01
			18		19.64	1.75	21.39	<=33.01	Pass
			39		19.63	1.75	21.38	<=33.01	Pass
			75		0	19.65	1.75	21.40	<=33.01
			2503.5	1	0	21.58	1.75	23.33	<=33.01
	38				21.51	1.75	23.26	<=33.01	Pass
	74				21.56	1.75	23.31	<=33.01	Pass
	36	0			19.15	1.75	20.90	<=33.01	Pass
		18			19.08	1.75	20.83	<=33.01	Pass
		39			19.07	1.75	20.82	<=33.01	Pass
		75			0	19.11	1.75	20.86	<=33.01
	2593	1		0	20.23	1.75	21.98	<=33.01	Pass
				38	20.41	1.75	22.16	<=33.01	Pass
				74	20.14	1.75	21.89	<=33.01	Pass
		36		0	18.86	1.75	20.61	<=33.01	Pass
				18	18.95	1.75	20.70	<=33.01	Pass
				39	18.93	1.75	20.68	<=33.01	Pass
				75	0	18.93	1.75	20.68	<=33.01
	2682.5	1		0	20.14	1.75	21.89	<=33.01	Pass
				38	20.15	1.75	21.90	<=33.01	Pass
				74	20.14	1.75	21.89	<=33.01	Pass
				36	0	18.70	1.75	20.45	<=33.01
		18			18.79	1.75	20.54	<=33.01	Pass
		39			18.79	1.75	20.54	<=33.01	Pass
		75	0	18.71	1.75	20.46	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	21.36	1.75	23.11	<=33.01	Pass
			50	21.16	1.75	22.91	<=33.01	Pass
			99	21.28	1.75	23.03	<=33.01	Pass
		50	0	20.12	1.75	21.87	<=33.01	Pass
			25	20.07	1.75	21.82	<=33.01	Pass
			50	19.98	1.75	21.73	<=33.01	Pass
		100	0	20.07	1.75	21.82	<=33.01	Pass
			0	20.78	1.75	22.53	<=33.01	Pass
	2593	1	50	20.82	1.75	22.57	<=33.01	Pass
			99	20.73	1.75	22.48	<=33.01	Pass
			0	19.99	1.75	21.74	<=33.01	Pass
		50	25	19.86	1.75	21.61	<=33.01	Pass
			50	19.92	1.75	21.67	<=33.01	Pass
			0	19.84	1.75	21.59	<=33.01	Pass

16QAM	2680	1	0	20.65	1.75	22.40	<=33.01	Pass
			50	20.60	1.75	22.35	<=33.01	Pass
			99	20.58	1.75	22.33	<=33.01	Pass
		50	0	19.78	1.75	21.53	<=33.01	Pass
			25	19.71	1.75	21.46	<=33.01	Pass
			50	19.57	1.75	21.32	<=33.01	Pass
		100	0	19.63	1.75	21.38	<=33.01	Pass
			0	20.96	1.75	22.71	<=33.01	Pass
			50	21.35	1.75	23.10	<=33.01	Pass
	2506	1	99	21.53	1.75	23.28	<=33.01	Pass
			0	19.32	1.75	21.07	<=33.01	Pass
			25	19.21	1.75	20.96	<=33.01	Pass
		50	50	19.20	1.75	20.95	<=33.01	Pass
			0	19.13	1.75	20.88	<=33.01	Pass
			0	20.69	1.75	22.44	<=33.01	Pass
		1	50	20.58	1.75	22.33	<=33.01	Pass
			99	20.13	1.75	21.88	<=33.01	Pass
			0	19.04	1.75	20.79	<=33.01	Pass
	2593	50	25	18.95	1.75	20.70	<=33.01	Pass
			50	18.96	1.75	20.71	<=33.01	Pass
			0	19.03	1.75	20.78	<=33.01	Pass
		100	0	20.95	1.75	22.70	<=33.01	Pass
			50	20.99	1.75	22.74	<=33.01	Pass
			99	21.20	1.75	22.95	<=33.01	Pass
		1	0	18.87	1.75	20.62	<=33.01	Pass
			25	18.91	1.75	20.66	<=33.01	Pass
			50	18.77	1.75	20.52	<=33.01	Pass
		50	0	18.85	1.75	20.60	<=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	-40.870	-0.0164	-2.5 to 2.5	Pass
					3.85	-12.131	-0.0049	-2.5 to 2.5	Pass
					4.43	-37.708	-0.0151	-2.5 to 2.5	Pass
				-30	3.85	-23.761	-0.0095	-2.5 to 2.5	Pass
					3.85	5.908	0.0024	-2.5 to 2.5	Pass
					3.85	-21.472	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-47.679	-0.0191	-2.5 to 2.5	Pass
					3.85	-16.723	-0.0067	-2.5 to 2.5	Pass
					3.85	-26.765	-0.0107	-2.5 to 2.5	Pass
				40	3.85	-29.025	-0.0116	-2.5 to 2.5	Pass
					3.85	-31.371	-0.0126	-2.5 to 2.5	Pass
					3.85	-31.371	-0.0126	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	24.347	0.0094	-2.5 to 2.5	Pass
					3.85	22.860	0.0088	-2.5 to 2.5	Pass
					4.43	4.234	0.0016	-2.5 to 2.5	Pass
				-30	3.85	-1.945	-0.0008	-2.5 to 2.5	Pass
					3.85	12.016	0.0046	-2.5 to 2.5	Pass
					3.85	14.319	0.0055	-2.5 to 2.5	Pass
				-10	3.85	14.319	0.0055	-2.5 to 2.5	Pass
					3.85	14.319	0.0055	-2.5 to 2.5	Pass

				0	3.85	26.679	0.0103	-2.5 to 2.5	Pass
				10	3.85	48.480	0.0187	-2.5 to 2.5	Pass
				30	3.85	24.319	0.0094	-2.5 to 2.5	Pass
				40	3.85	42.844	0.0165	-2.5 to 2.5	Pass
				50	3.85	-2.460	-0.0009	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	17.424	0.0065	-2.5 to 2.5	Pass
					3.85	13.819	0.0051	-2.5 to 2.5	Pass
					4.43	-7.081	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	1.717	0.0006	-2.5 to 2.5	Pass
				-20	3.85	5.751	0.0021	-2.5 to 2.5	Pass
				-10	3.85	-28.954	-0.0108	-2.5 to 2.5	Pass
				0	3.85	-38.581	-0.0144	-2.5 to 2.5	Pass
				10	3.85	-20.843	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-50.054	-0.0186	-2.5 to 2.5	Pass
				40	3.85	9.370	0.0035	-2.5 to 2.5	Pass
				50	3.85	-3.161	-0.0012	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	3.27	-36.993	-0.0148	-2.5 to 2.5	Pass
					3.85	-28.009	-0.0112	-2.5 to 2.5	Pass
					4.43	-24.233	-0.0097	-2.5 to 2.5	Pass
				-30	3.85	-13.461	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-1.144	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	11.959	0.0048	-2.5 to 2.5	Pass
				0	3.85	24.204	0.0097	-2.5 to 2.5	Pass
				10	3.85	38.280	0.0153	-2.5 to 2.5	Pass
				30	3.85	39.582	0.0158	-2.5 to 2.5	Pass
				40	3.85	41.242	0.0165	-2.5 to 2.5	Pass
				50	3.85	11.787	0.0047	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	6.723	0.0026	-2.5 to 2.5	Pass
					3.85	27.437	0.0106	-2.5 to 2.5	Pass
					4.43	0.658	0.0003	-2.5 to 2.5	Pass
				-30	3.85	14.491	0.0056	-2.5 to 2.5	Pass
				-20	3.85	29.311	0.0113	-2.5 to 2.5	Pass
				-10	3.85	42.729	0.0165	-2.5 to 2.5	Pass
				0	3.85	29.025	0.0112	-2.5 to 2.5	Pass
				10	3.85	40.841	0.0158	-2.5 to 2.5	Pass
				30	3.85	37.208	0.0143	-2.5 to 2.5	Pass
				40	3.85	0.958	0.0004	-2.5 to 2.5	Pass
				50	3.85	7.410	0.0029	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	-18.883	-0.0070	-2.5 to 2.5	Pass
					3.85	-29.855	-0.0111	-2.5 to 2.5	Pass
					4.43	-26.550	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-18.725	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-7.639	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	4.363	0.0016	-2.5 to 2.5	Pass
				0	3.85	10.471	0.0039	-2.5 to 2.5	Pass
				10	3.85	18.296	0.0068	-2.5 to 2.5	Pass
				30	3.85	23.661	0.0088	-2.5 to 2.5	Pass
				40	3.85	10.457	0.0039	-2.5 to 2.5	Pass
				50	3.85	-18.954	-0.0071	-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	25.177	0.0101	-2.5 to 2.5	Pass
					3.85	-29.712	-0.0119	-2.5 to 2.5	Pass

					4.43	-14.949	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-41.227	-0.0165	-2.5 to 2.5	Pass
				-20	3.85	-40.627	-0.0162	-2.5 to 2.5	Pass
				-10	3.85	-45.590	-0.0182	-2.5 to 2.5	Pass
				0	3.85	-37.365	-0.0149	-2.5 to 2.5	Pass
				10	3.85	1.073	0.0004	-2.5 to 2.5	Pass
				30	3.85	-30.413	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-11.730	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-36.879	-0.0147	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	40.498	0.0156	-2.5 to 2.5	Pass
					3.85	11.287	0.0044	-2.5 to 2.5	Pass
					4.43	-2.890	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-12.960	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-16.394	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-10.228	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-7.396	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-1.788	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-17.881	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-7.954	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-5.808	-0.0022	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	28.653	0.0107	-2.5 to 2.5	Pass
					3.85	16.623	0.0062	-2.5 to 2.5	Pass
					4.43	-7.267	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-33.131	-0.0123	-2.5 to 2.5	Pass
				-20	3.85	-19.941	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-39.539	-0.0147	-2.5 to 2.5	Pass
				0	3.85	7.854	0.0029	-2.5 to 2.5	Pass
				10	3.85	-2.389	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-22.044	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-27.037	-0.0101	-2.5 to 2.5	Pass
				50	3.85	-39.196	-0.0146	-2.5 to 2.5	Pass
16QAM	2501	50	0	20	3.27	3.734	0.0015	-2.5 to 2.5	Pass
					3.85	8.440	0.0034	-2.5 to 2.5	Pass
					4.43	8.583	0.0034	-2.5 to 2.5	Pass
				-30	3.85	6.094	0.0024	-2.5 to 2.5	Pass
				-20	3.85	12.245	0.0049	-2.5 to 2.5	Pass
				-10	3.85	18.740	0.0075	-2.5 to 2.5	Pass
				0	3.85	17.538	0.0070	-2.5 to 2.5	Pass
				10	3.85	21.701	0.0087	-2.5 to 2.5	Pass
				30	3.85	19.999	0.0080	-2.5 to 2.5	Pass
				40	3.85	12.174	0.0049	-2.5 to 2.5	Pass
				50	3.85	-13.375	-0.0053	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	13.819	0.0053	-2.5 to 2.5	Pass
					3.85	22.817	0.0088	-2.5 to 2.5	Pass
					4.43	43.001	0.0166	-2.5 to 2.5	Pass
				-30	3.85	10.829	0.0042	-2.5 to 2.5	Pass
				-20	3.85	23.890	0.0092	-2.5 to 2.5	Pass
				-10	3.85	29.755	0.0115	-2.5 to 2.5	Pass
				0	3.85	34.347	0.0132	-2.5 to 2.5	Pass
				10	3.85	20.728	0.0080	-2.5 to 2.5	Pass
				30	3.85	2.789	0.0011	-2.5 to 2.5	Pass
				40	3.85	9.170	0.0035	-2.5 to 2.5	Pass
				50	3.85	28.510	0.0110	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	10.242	0.0038	-2.5 to 2.5	Pass
					3.85	20.313	0.0076	-2.5 to 2.5	Pass
					4.43	26.708	0.0099	-2.5 to 2.5	Pass
				-30	3.85	29.941	0.0112	-2.5 to 2.5	Pass
				-20	3.85	37.565	0.0140	-2.5 to 2.5	Pass
				-10	3.85	16.279	0.0061	-2.5 to 2.5	Pass

				0	3.85	23.246	0.0087	-2.5 to 2.5	Pass
				10	3.85	21.515	0.0080	-2.5 to 2.5	Pass
				30	3.85	30.370	0.0113	-2.5 to 2.5	Pass
				40	3.85	47.936	0.0179	-2.5 to 2.5	Pass
				50	3.85	-9.227	-0.0034	-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	10.200	0.0041	-2.5 to 2.5	Pass
					3.85	-11.816	-0.0047	-2.5 to 2.5	Pass
					4.43	-32.530	-0.0130	-2.5 to 2.5	Pass
				-30	3.85	-11.001	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-14.076	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-16.494	-0.0066	-2.5 to 2.5	Pass
				0	3.85	-10.357	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-27.680	-0.0111	-2.5 to 2.5	Pass
				30	3.85	-27.938	-0.0112	-2.5 to 2.5	Pass
				40	3.85	-7.725	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-12.116	-0.0048	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	33.259	0.0128	-2.5 to 2.5	Pass
					3.85	22.416	0.0086	-2.5 to 2.5	Pass
					4.43	28.481	0.0110	-2.5 to 2.5	Pass
				-30	3.85	33.073	0.0128	-2.5 to 2.5	Pass
				-20	3.85	42.443	0.0164	-2.5 to 2.5	Pass
				-10	3.85	45.018	0.0174	-2.5 to 2.5	Pass
				0	3.85	30.441	0.0117	-2.5 to 2.5	Pass
				10	3.85	-7.610	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-2.317	-0.0009	-2.5 to 2.5	Pass
				40	3.85	8.340	0.0032	-2.5 to 2.5	Pass
				50	3.85	5.651	0.0022	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	11.587	0.0043	-2.5 to 2.5	Pass
					3.85	-37.093	-0.0138	-2.5 to 2.5	Pass
					4.43	-30.398	-0.0113	-2.5 to 2.5	Pass
				-30	3.85	-27.165	-0.0101	-2.5 to 2.5	Pass
				-20	3.85	-33.803	-0.0126	-2.5 to 2.5	Pass
				-10	3.85	-21.658	-0.0081	-2.5 to 2.5	Pass
				0	3.85	-34.647	-0.0129	-2.5 to 2.5	Pass
				10	3.85	-9.212	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-19.426	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-30.513	-0.0114	-2.5 to 2.5	Pass
				50	3.85	-42.772	-0.0159	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	20	3.27	-33.746	-0.0135	-2.5 to 2.5	Pass
					3.85	-39.525	-0.0158	-2.5 to 2.5	Pass
					4.43	-36.592	-0.0146	-2.5 to 2.5	Pass
				-30	3.85	-35.033	-0.0140	-2.5 to 2.5	Pass
				-20	3.85	-13.046	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-30.985	-0.0124	-2.5 to 2.5	Pass
				0	3.85	-35.992	-0.0144	-2.5 to 2.5	Pass
				10	3.85	-38.152	-0.0152	-2.5 to 2.5	Pass
				30	3.85	-36.035	-0.0144	-2.5 to 2.5	Pass
				40	3.85	-38.681	-0.0155	-2.5 to 2.5	Pass
				50	3.85	-35.520	-0.0142	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	12.989	0.0050	-2.5 to 2.5	Pass
					3.85	34.676	0.0134	-2.5 to 2.5	Pass

					4.43	14.977	0.0058	-2.5 to 2.5	Pass
				-30	3.85	8.540	0.0033	-2.5 to 2.5	Pass
				-20	3.85	37.937	0.0146	-2.5 to 2.5	Pass
				-10	3.85	44.861	0.0173	-2.5 to 2.5	Pass
				0	3.85	31.543	0.0122	-2.5 to 2.5	Pass
				10	3.85	45.190	0.0174	-2.5 to 2.5	Pass
				30	3.85	49.410	0.0191	-2.5 to 2.5	Pass
				40	3.85	17.438	0.0067	-2.5 to 2.5	Pass
				50	3.85	17.266	0.0067	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	0.830	0.0003	-2.5 to 2.5	Pass
					3.85	-30.084	-0.0112	-2.5 to 2.5	Pass
					4.43	-25.678	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-25.749	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-34.404	-0.0128	-2.5 to 2.5	Pass
				-10	3.85	-40.627	-0.0151	-2.5 to 2.5	Pass
				0	3.85	-44.403	-0.0166	-2.5 to 2.5	Pass
				10	3.85	13.576	0.0051	-2.5 to 2.5	Pass
				30	3.85	10.901	0.0041	-2.5 to 2.5	Pass
				40	3.85	-1.903	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-10.285	-0.0038	-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	22.788	0.0091	-2.5 to 2.5	Pass
					3.85	-36.535	-0.0146	-2.5 to 2.5	Pass
					4.43	-37.479	-0.0150	-2.5 to 2.5	Pass
				-30	3.85	-32.015	-0.0128	-2.5 to 2.5	Pass
				-20	3.85	-18.325	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-16.165	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-25.134	-0.0100	-2.5 to 2.5	Pass
				10	3.85	-27.094	-0.0108	-2.5 to 2.5	Pass
				30	3.85	-11.415	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-26.479	-0.0106	-2.5 to 2.5	Pass
				50	3.85	-13.719	-0.0055	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	3.376	0.0013	-2.5 to 2.5	Pass
					3.85	30.355	0.0117	-2.5 to 2.5	Pass
					4.43	6.366	0.0025	-2.5 to 2.5	Pass
				-30	3.85	-23.789	-0.0092	-2.5 to 2.5	Pass
				-20	3.85	-33.517	-0.0129	-2.5 to 2.5	Pass
				-10	3.85	-39.082	-0.0151	-2.5 to 2.5	Pass
				0	3.85	-31.099	-0.0120	-2.5 to 2.5	Pass
				10	3.85	-23.618	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-24.862	-0.0096	-2.5 to 2.5	Pass
				40	3.85	-14.906	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-9.599	-0.0037	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	28.682	0.0107	-2.5 to 2.5	Pass
					3.85	-22.259	-0.0083	-2.5 to 2.5	Pass
					4.43	-8.183	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-45.533	-0.0170	-2.5 to 2.5	Pass
				-20	3.85	-24.319	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-2.046	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-29.912	-0.0112	-2.5 to 2.5	Pass
				10	3.85	-35.191	-0.0131	-2.5 to 2.5	Pass
				30	3.85	-36.206	-0.0135	-2.5 to 2.5	Pass

16QAM	2506	100	0	40	3.85	-26.264	-0.0098	-2.5 to 2.5	Pass
				50	3.85	-46.334	-0.0173	-2.5 to 2.5	Pass
				20	3.27	-27.709	-0.0111	-2.5 to 2.5	Pass
					3.85	-21.143	-0.0084	-2.5 to 2.5	Pass
					4.43	-10.672	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-14.377	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-27.409	-0.0109	-2.5 to 2.5	Pass
				-10	3.85	-38.195	-0.0152	-2.5 to 2.5	Pass
				0	3.85	-36.035	-0.0144	-2.5 to 2.5	Pass
				10	3.85	-38.681	-0.0154	-2.5 to 2.5	Pass
	30	3.85	-41.513	-0.0166	-2.5 to 2.5	Pass			
	40	3.85	14.892	0.0059	-2.5 to 2.5	Pass			
	50	3.85	13.189	0.0053	-2.5 to 2.5	Pass			
	2593	100	0	20	3.27	-17.939	-0.0069	-2.5 to 2.5	Pass
					3.85	-7.052	-0.0027	-2.5 to 2.5	Pass
					4.43	-6.895	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	2.546	0.0010	-2.5 to 2.5	Pass
				-20	3.85	18.225	0.0070	-2.5 to 2.5	Pass
				-10	3.85	21.772	0.0084	-2.5 to 2.5	Pass
				0	3.85	32.701	0.0126	-2.5 to 2.5	Pass
				10	3.85	41.685	0.0161	-2.5 to 2.5	Pass
				30	3.85	35.863	0.0138	-2.5 to 2.5	Pass
				40	3.85	30.270	0.0117	-2.5 to 2.5	Pass
	50	3.85	42.429	0.0164	-2.5 to 2.5	Pass			
	2680	100	0	20	3.27	-2.761	-0.0010	-2.5 to 2.5	Pass
					3.85	14.091	0.0053	-2.5 to 2.5	Pass
					4.43	14.849	0.0055	-2.5 to 2.5	Pass
				-30	3.85	-7.868	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-6.208	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	6.151	0.0023	-2.5 to 2.5	Pass
				0	3.85	14.992	0.0056	-2.5 to 2.5	Pass
				10	3.85	25.606	0.0096	-2.5 to 2.5	Pass
				30	3.85	37.007	0.0138	-2.5 to 2.5	Pass
				40	3.85	-14.791	-0.0055	-2.5 to 2.5	Pass
	50	3.85	-17.223	-0.0064	-2.5 to 2.5	Pass			

3. Modulation Characteristics

3.1 Test Result

3.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTN						
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 / NTN						
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

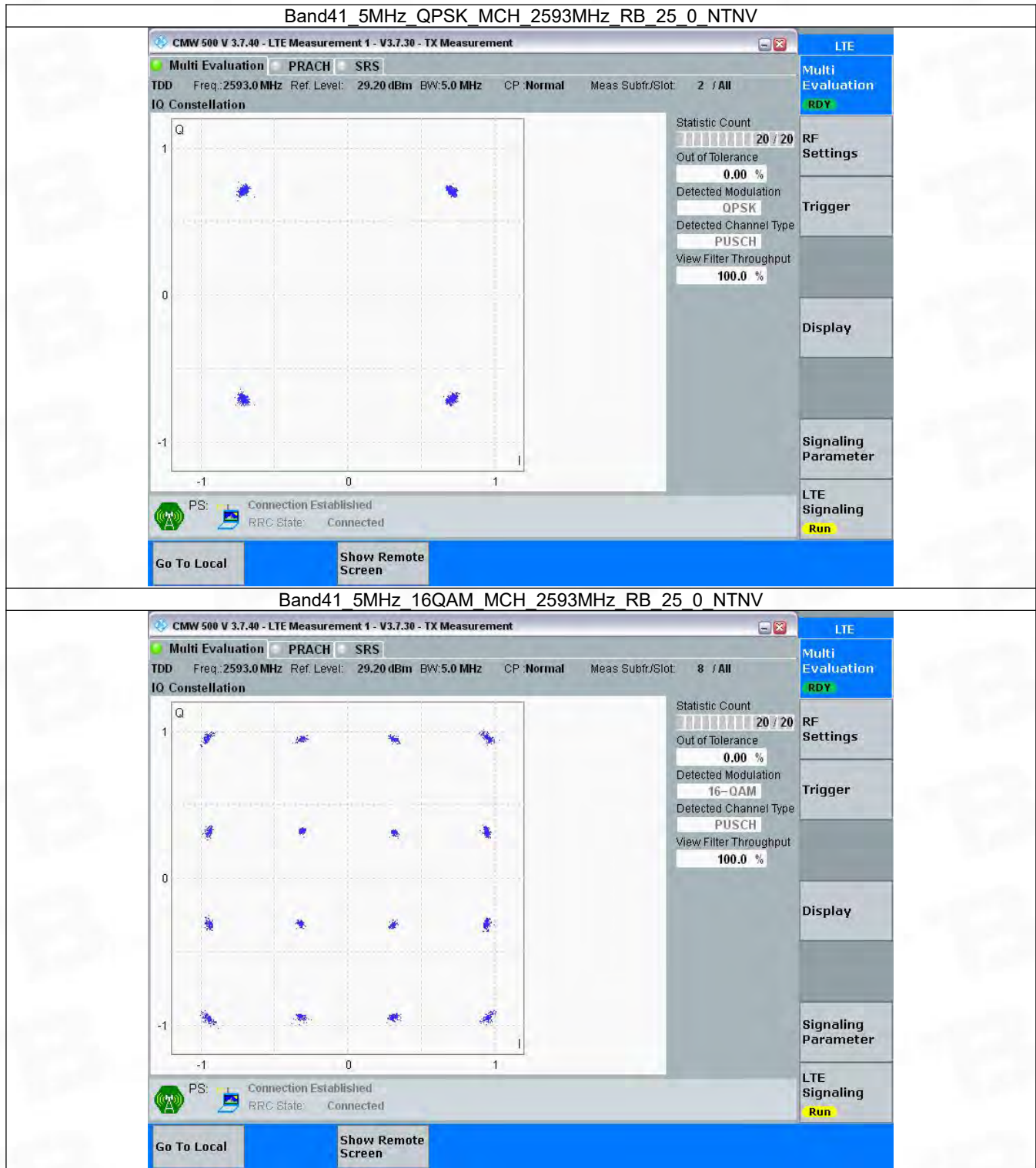
Band: 41 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	75	0	Refer To Test Graph		Pass
16QAM	2593	75	0	Refer To Test Graph		Pass

3.1.4 B41_20MHz

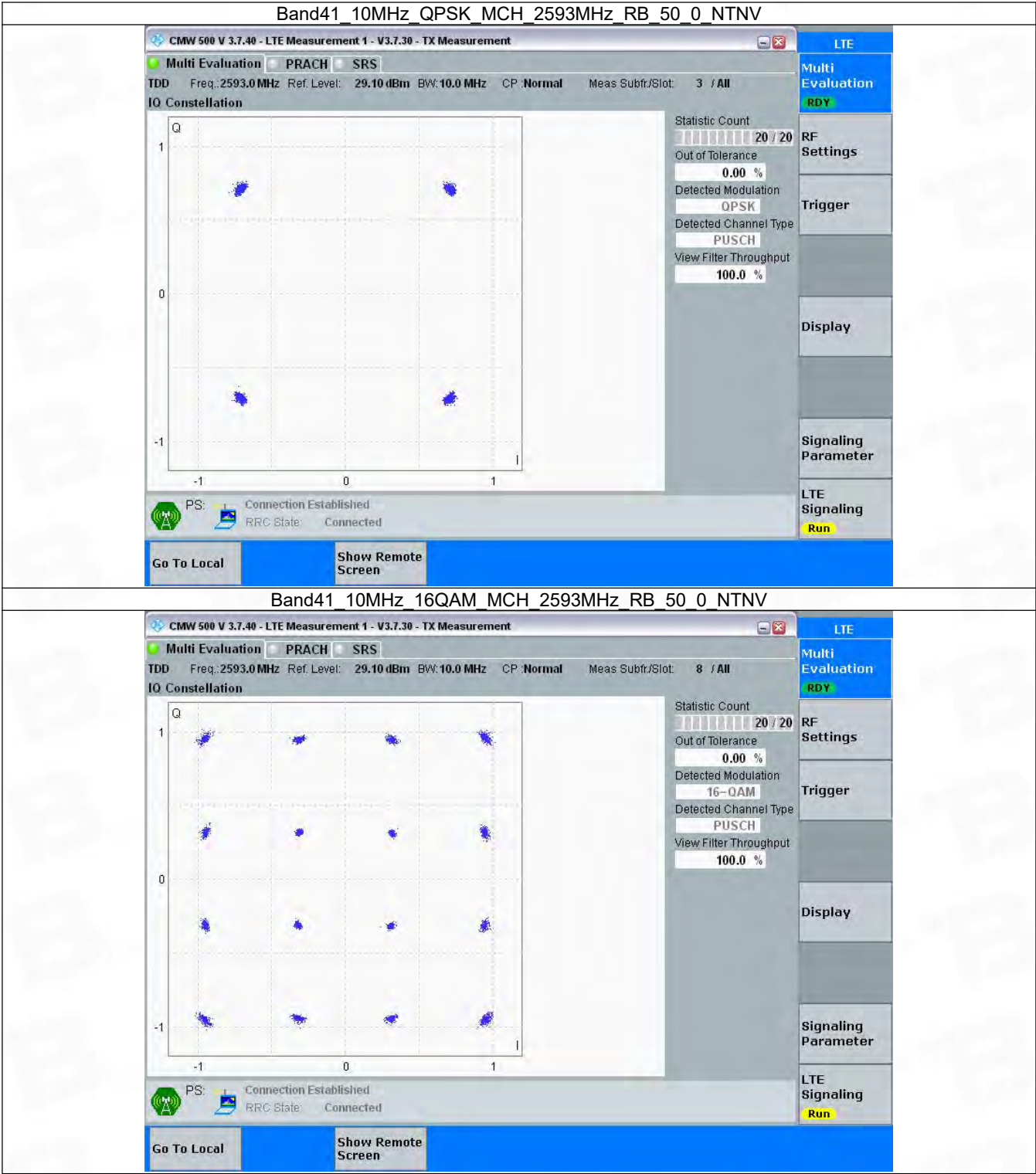
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	Refer To Test Graph		Pass
16QAM	2593	100	0	Refer To Test Graph		Pass

3.2 Test Graph

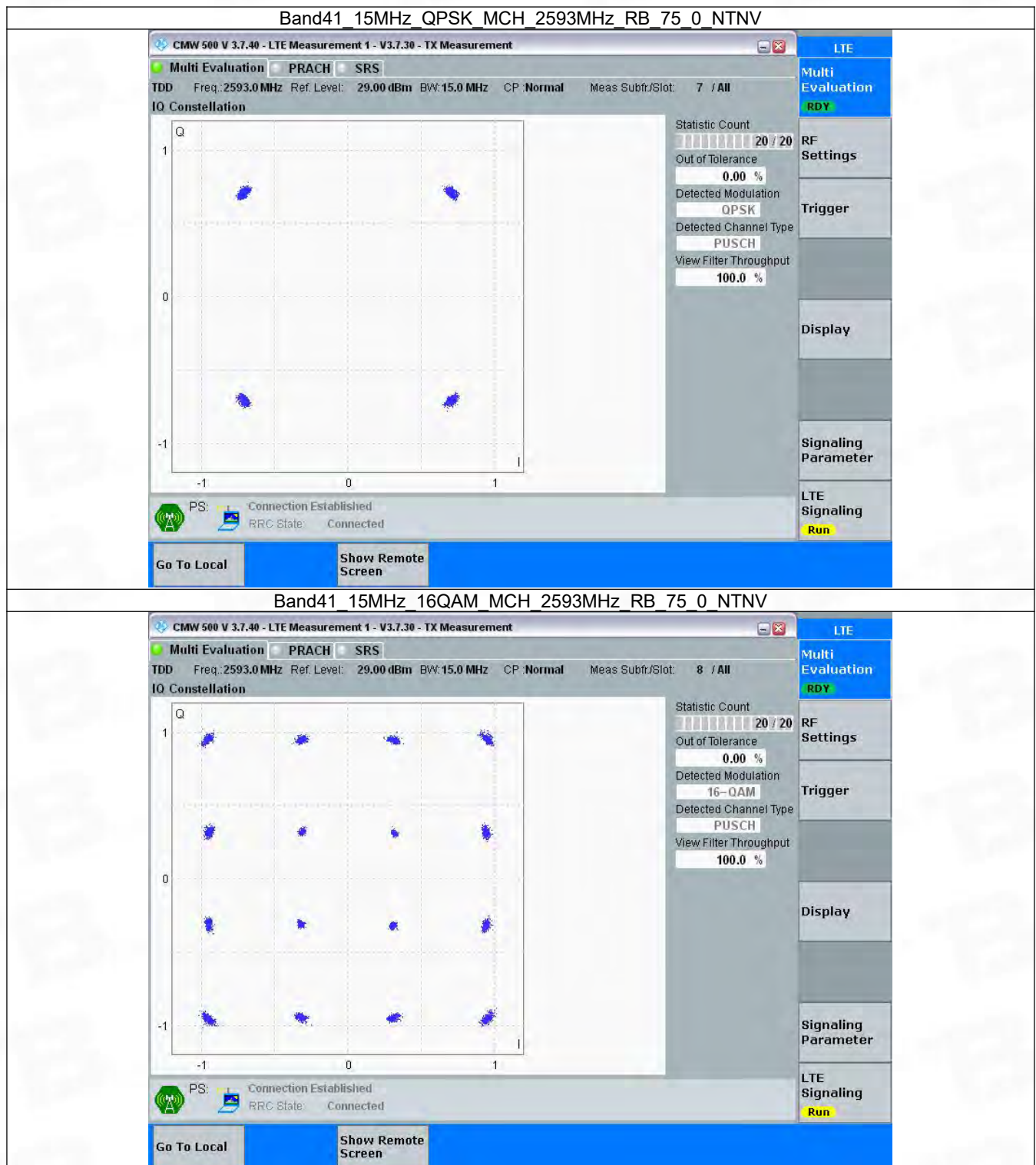
3.2.1 B41_5MHz



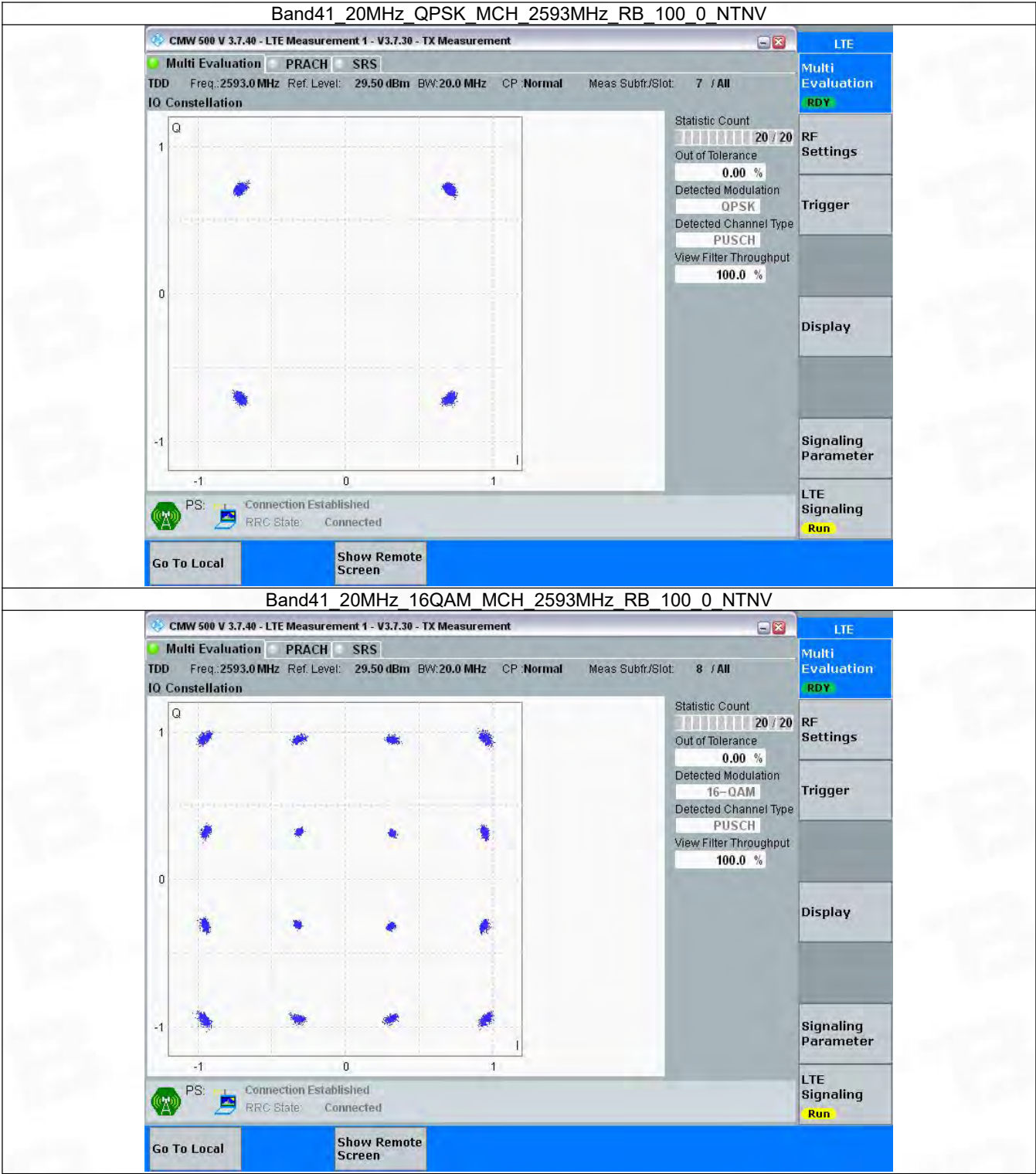
3.2.2 B41_10MHz



3.2.3 B41_15MHz



3.2.4 B41_20MHz



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	4.545	/	Pass
		2593	25	0	4.529	/	Pass
		2687.5	25	0	4.556	/	Pass
	16QAM	2498.5	25	0	4.540	/	Pass
		2593	25	0	4.569	/	Pass
		2687.5	25	0	4.545	/	Pass
10	QPSK	2501	50	0	9.056	/	Pass
		2593	50	0	9.075	/	Pass
		2685	50	0	9.080	/	Pass
	16QAM	2501	50	0	9.040	/	Pass
		2593	50	0	9.040	/	Pass
		2685	50	0	9.082	/	Pass
15	QPSK	2503.5	75	0	13.583	/	Pass
		2593	75	0	13.596	/	Pass
		2682.5	75	0	13.608	/	Pass
	16QAM	2503.5	75	0	13.587	/	Pass
		2593	75	0	13.619	/	Pass
		2682.5	75	0	13.591	/	Pass
20	QPSK	2506	100	0	18.082	/	Pass
		2593	100	0	18.167	/	Pass
		2680	100	0	18.196	/	Pass
	16QAM	2506	100	0	18.010	/	Pass
		2593	100	0	18.078	/	Pass
		2680	100	0	18.127	/	Pass

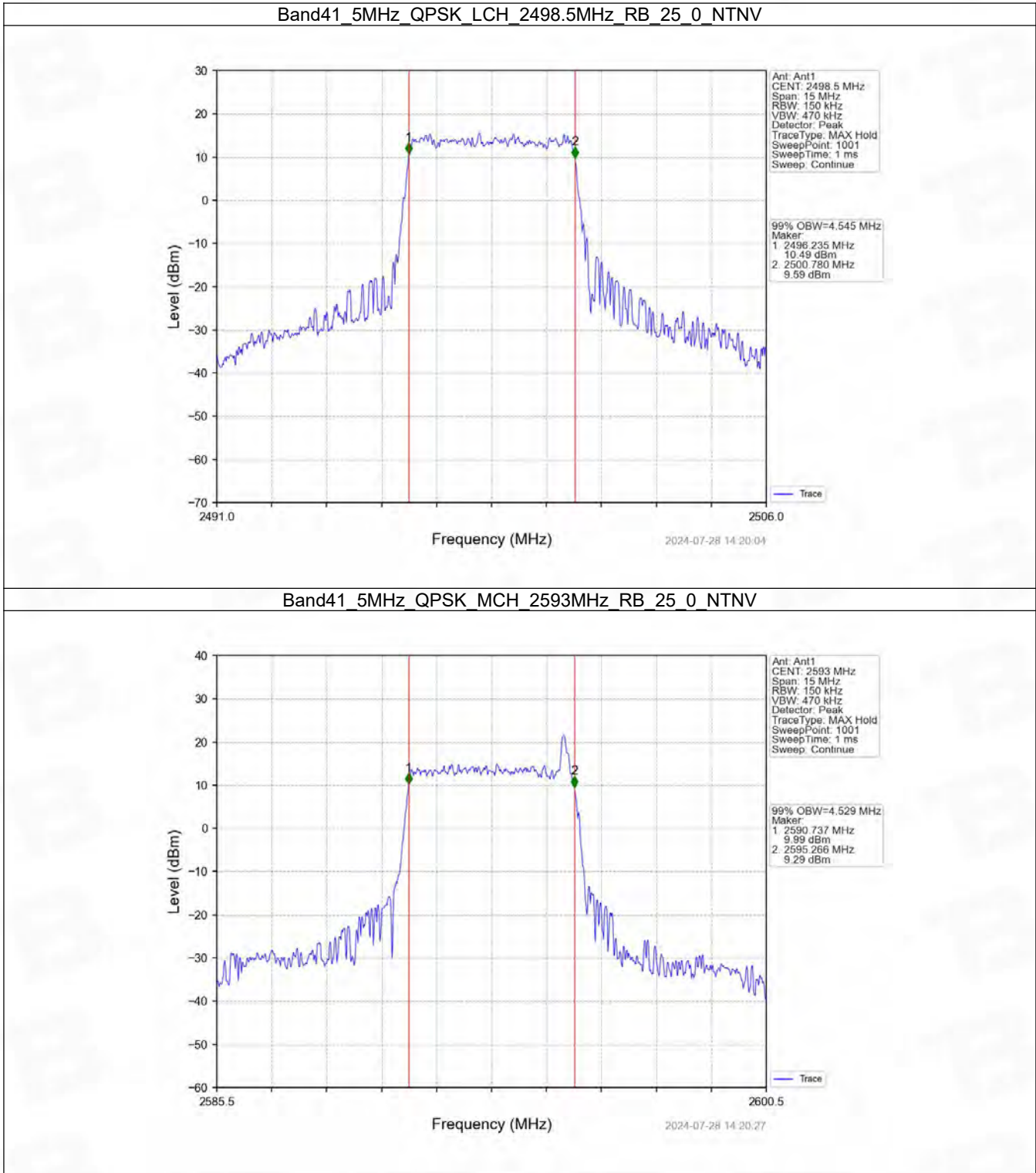
4.1.2 Band41_XDB

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.147	/	Pass
		2593	25	0	4.890	/	Pass
		2687.5	25	0	5.078	/	Pass
	16QAM	2498.5	25	0	5.023	/	Pass
		2593	25	0	4.890	/	Pass
		2687.5	25	0	5.173	/	Pass
10	QPSK	2501	50	0	10.084	/	Pass
		2593	50	0	10.005	/	Pass
		2685	50	0	9.995	/	Pass
	16QAM	2501	50	0	9.979	/	Pass
		2593	50	0	9.959	/	Pass
		2685	50	0	10.091	/	Pass
15	QPSK	2503.5	75	0	15.128	/	Pass
		2593	75	0	15.136	/	Pass
		2682.5	75	0	15.206	/	Pass

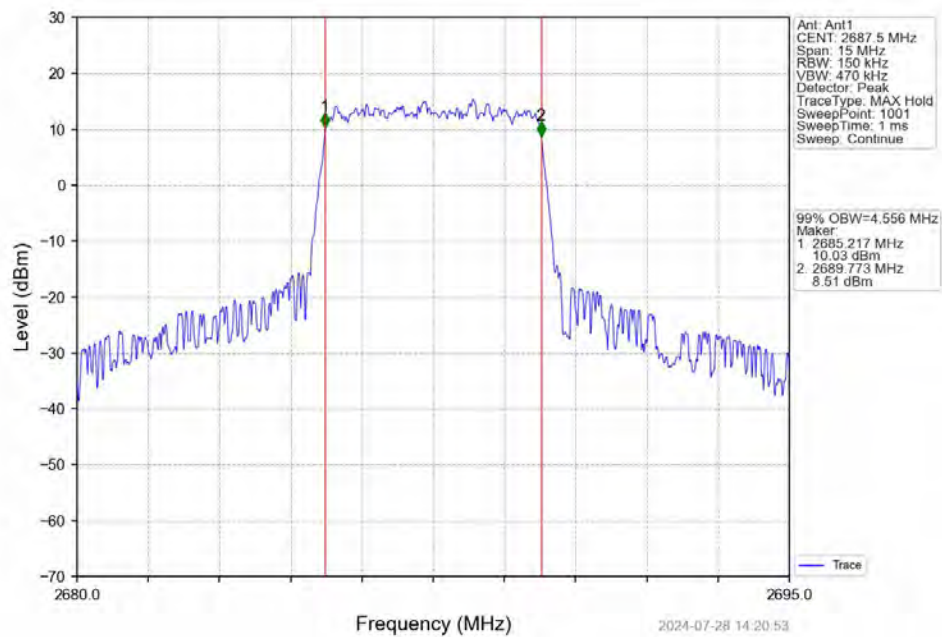
20	16QAM	2503.5	75	0	15.259	/	Pass
		2593	75	0	15.073	/	Pass
		2682.5	75	0	15.010	/	Pass
	QPSK	2506	100	0	20.254	/	Pass
		2593	100	0	20.027	/	Pass
		2680	100	0	20.133	/	Pass
	16QAM	2506	100	0	19.338	/	Pass
		2593	100	0	19.953	/	Pass
		2680	100	0	20.015	/	Pass

4.2 Test Graph

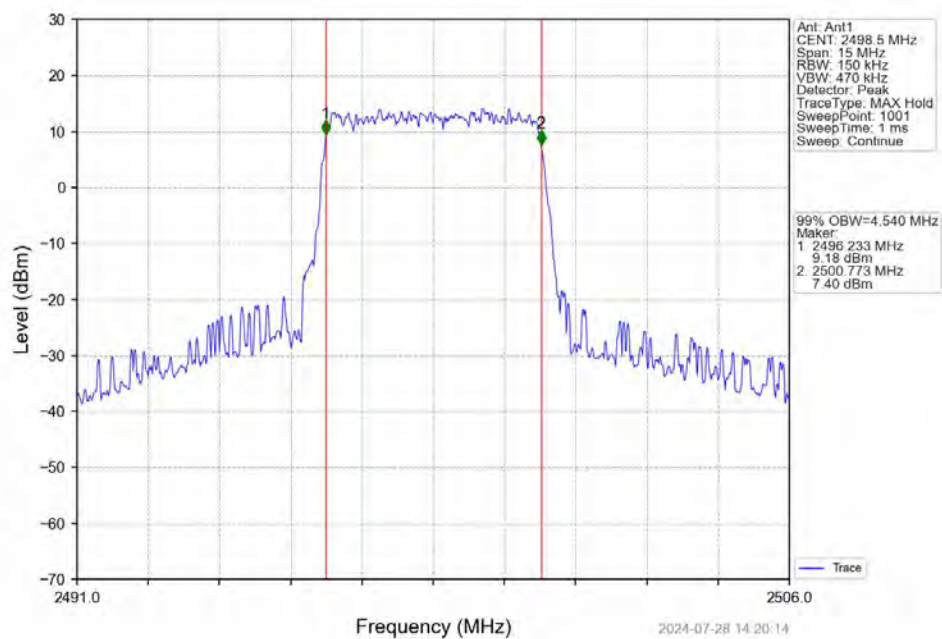
4.2.1 Band41_OBW



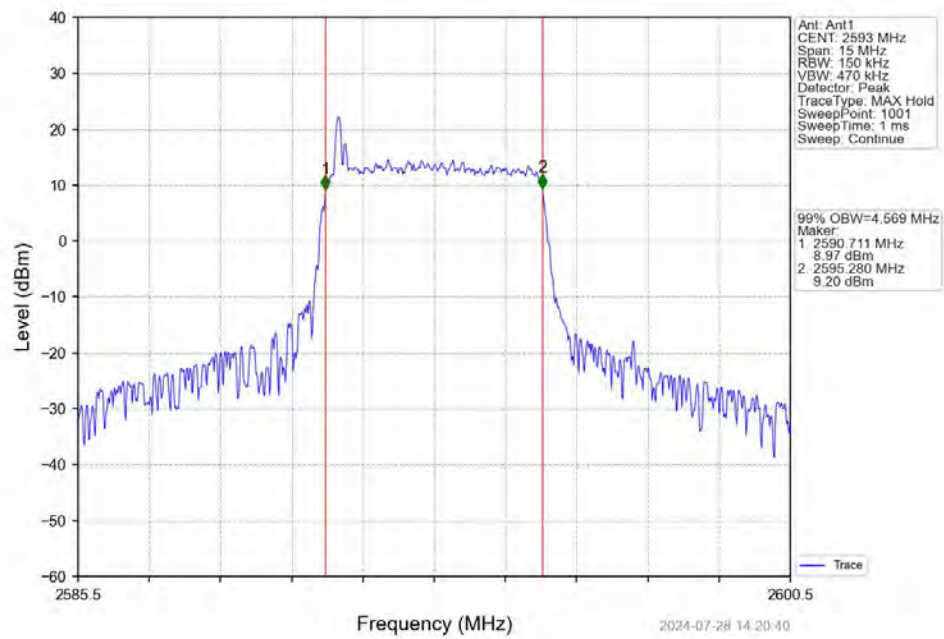
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



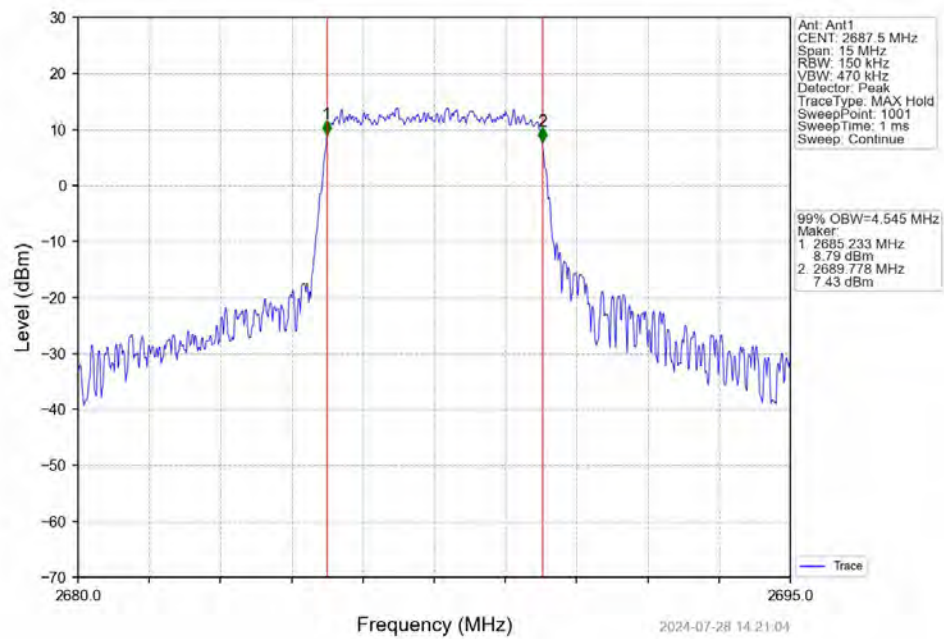
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



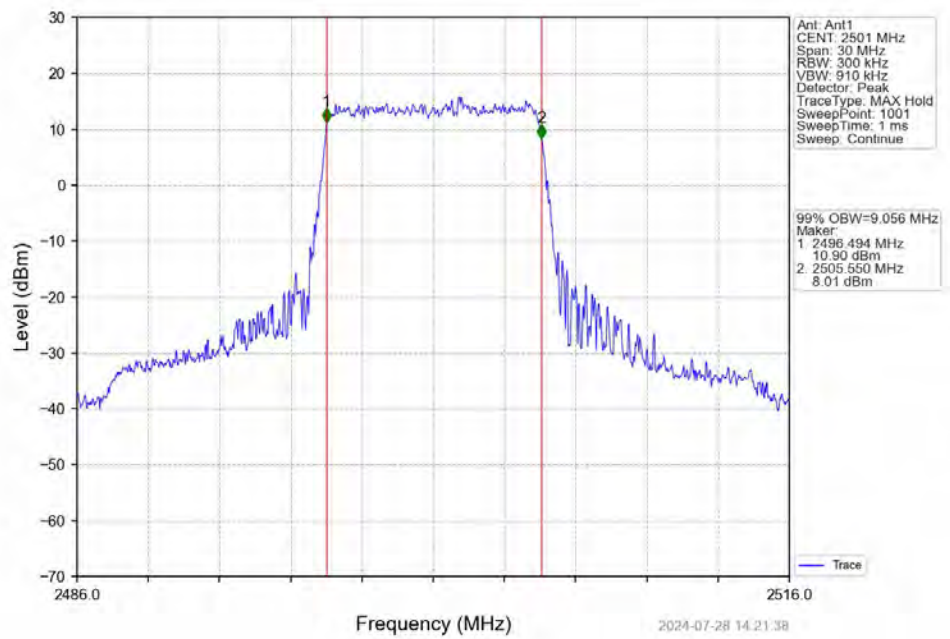
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



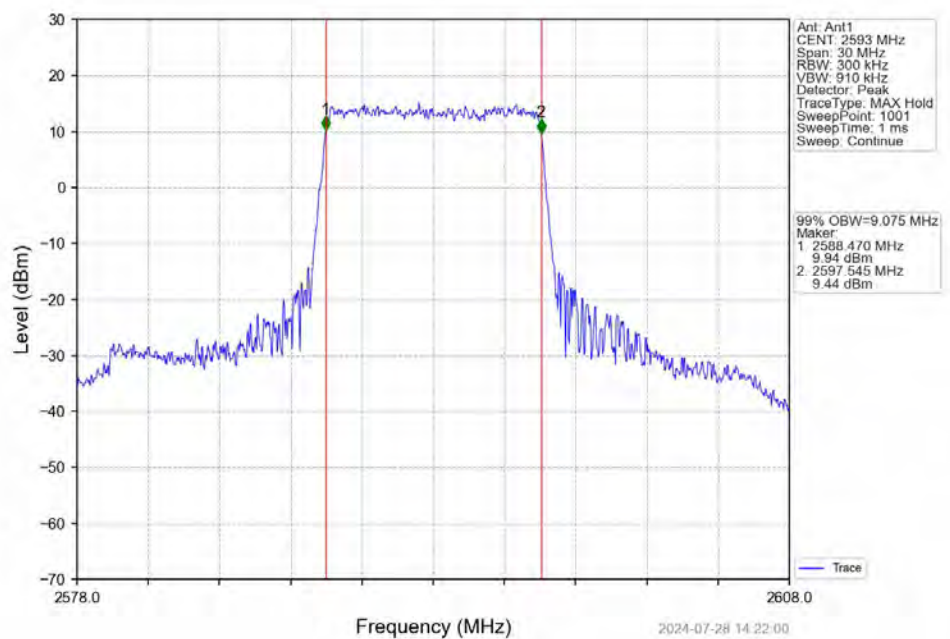
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



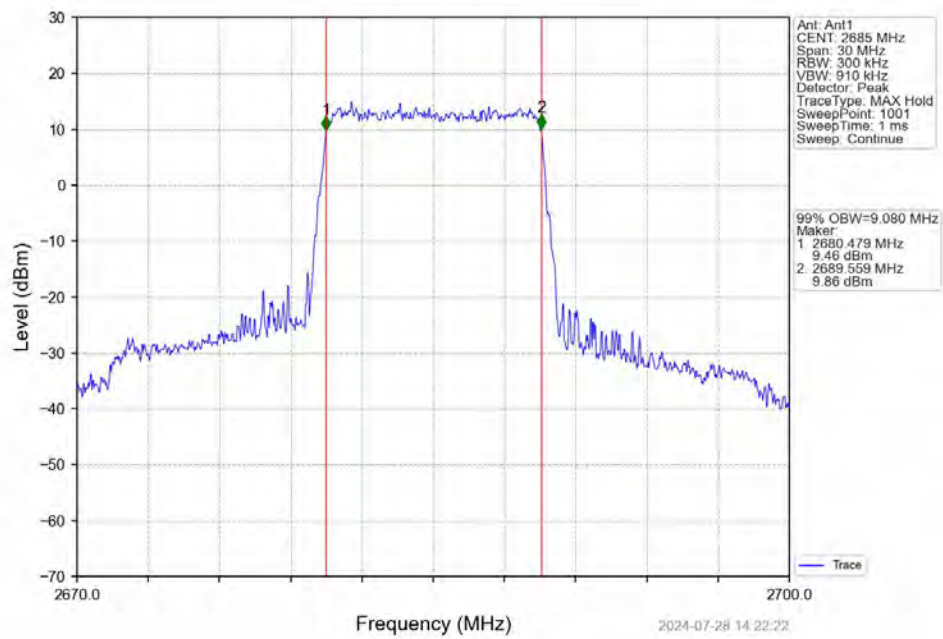
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



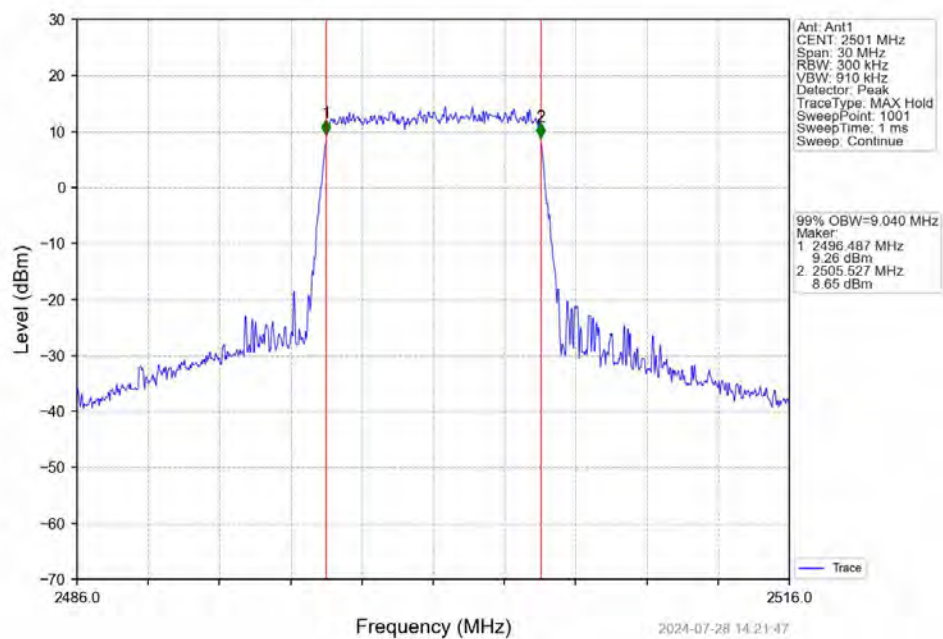
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV

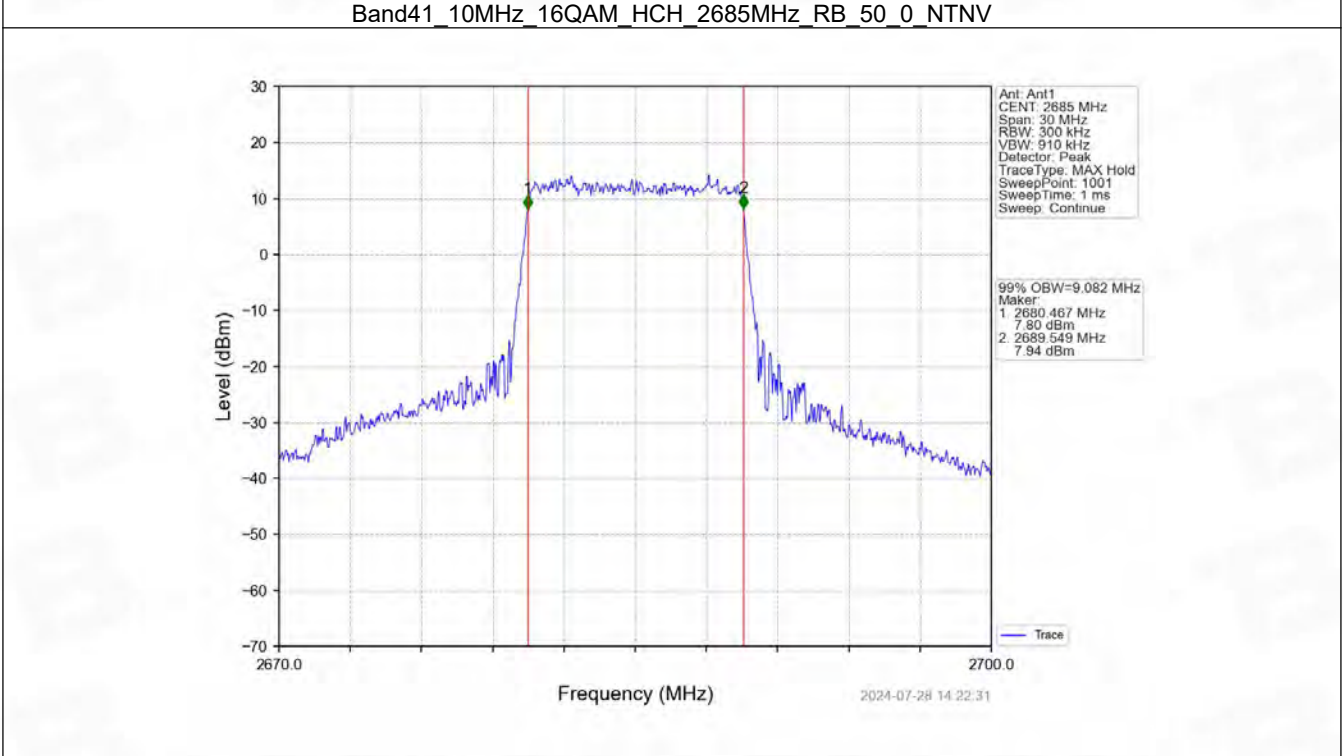
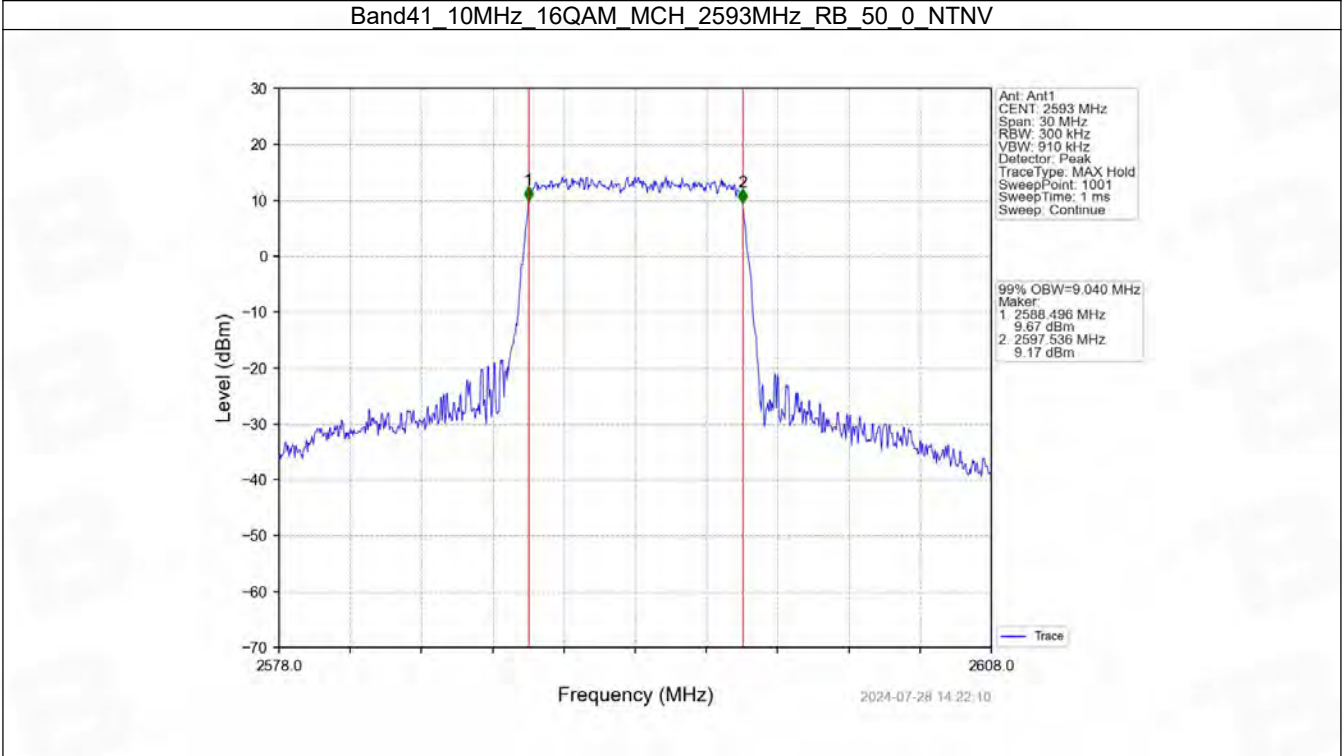


Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV

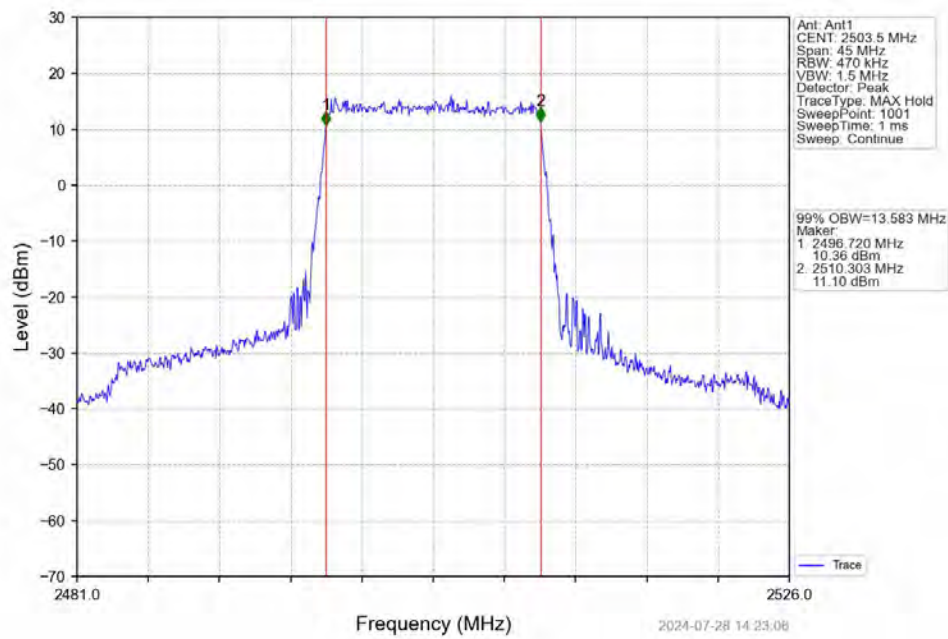


Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV

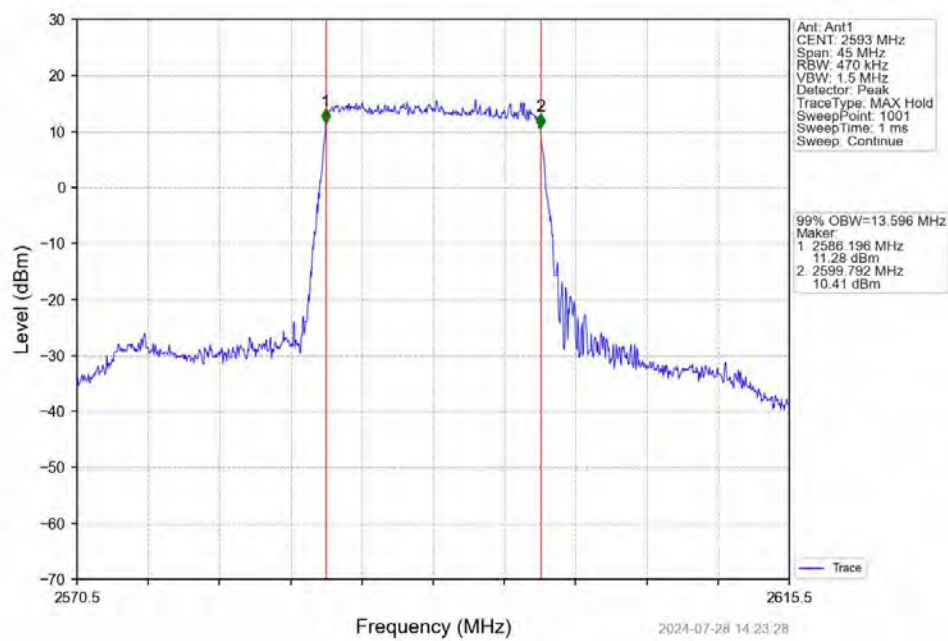




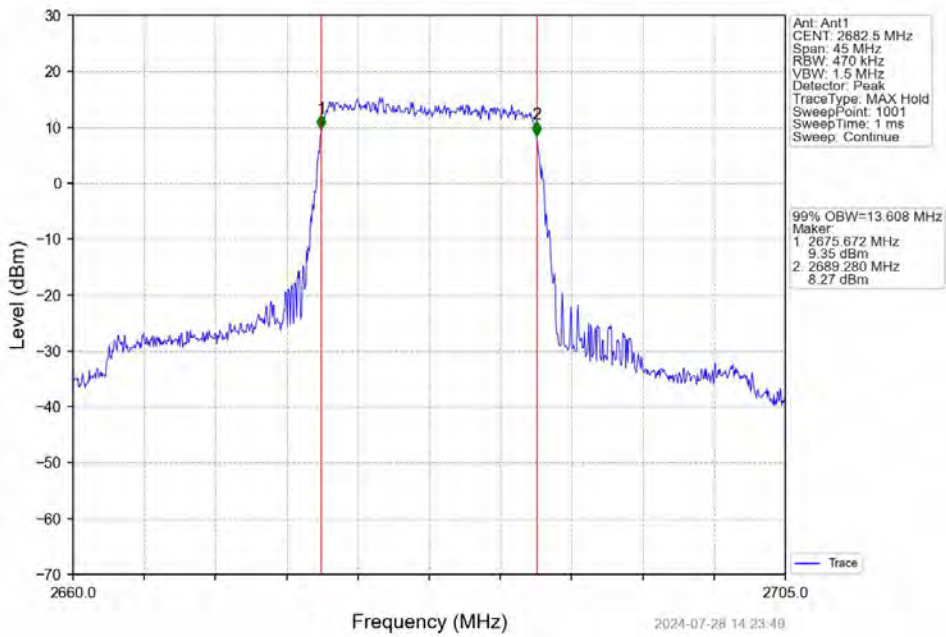
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



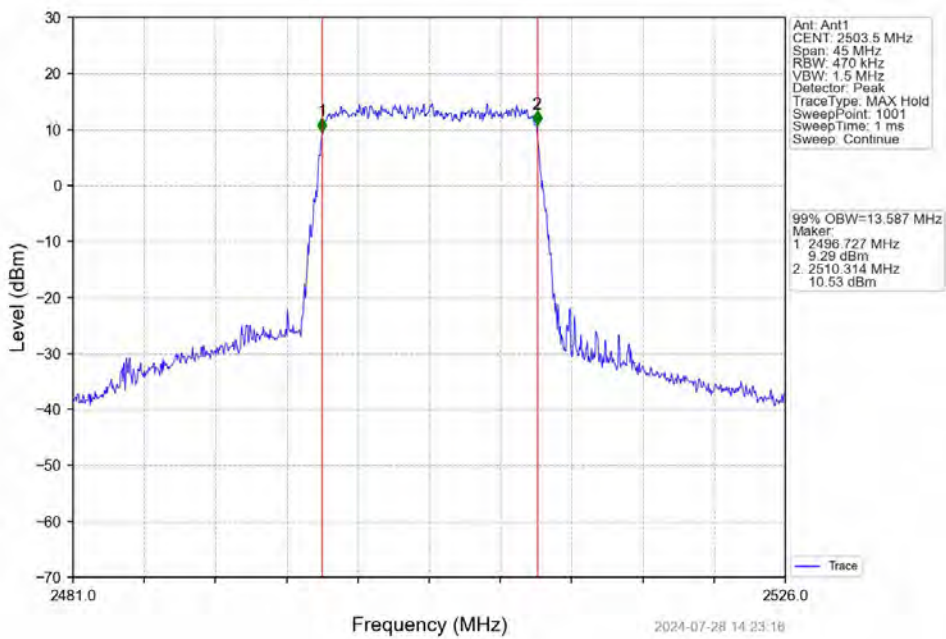
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV

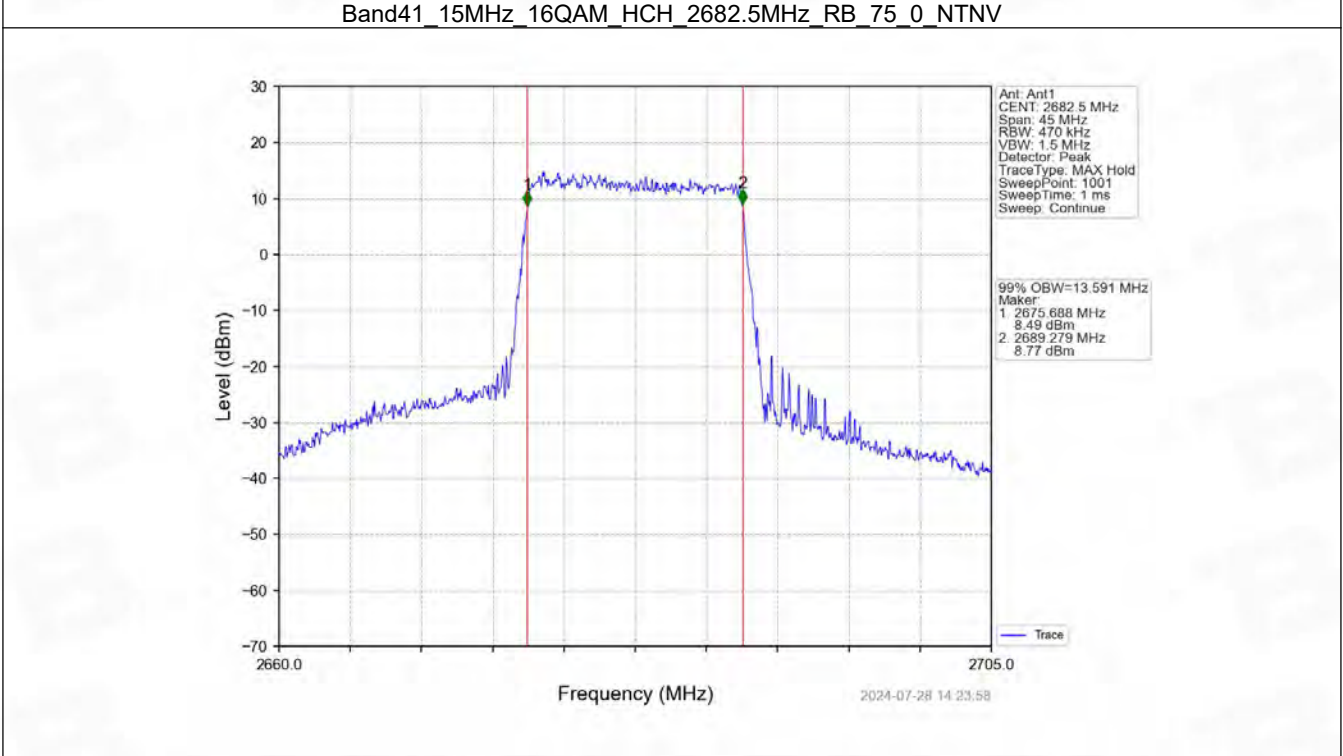
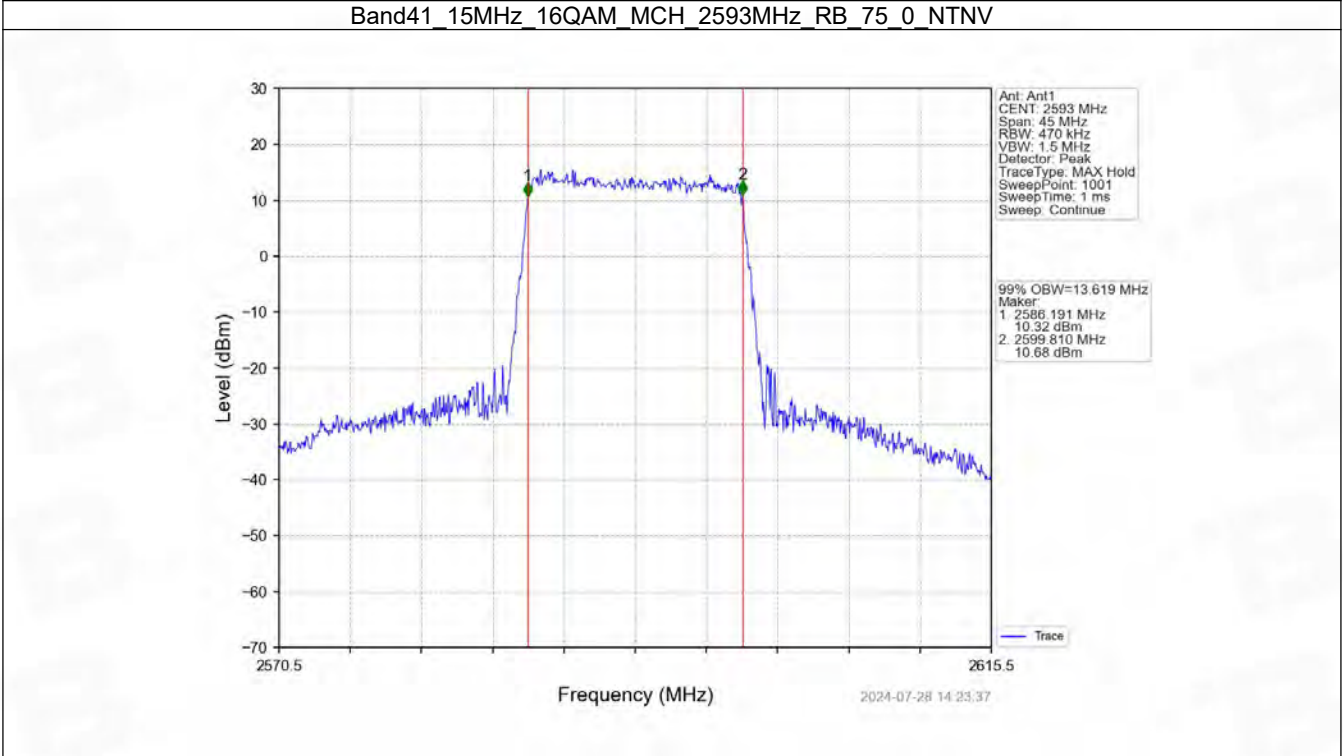


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV

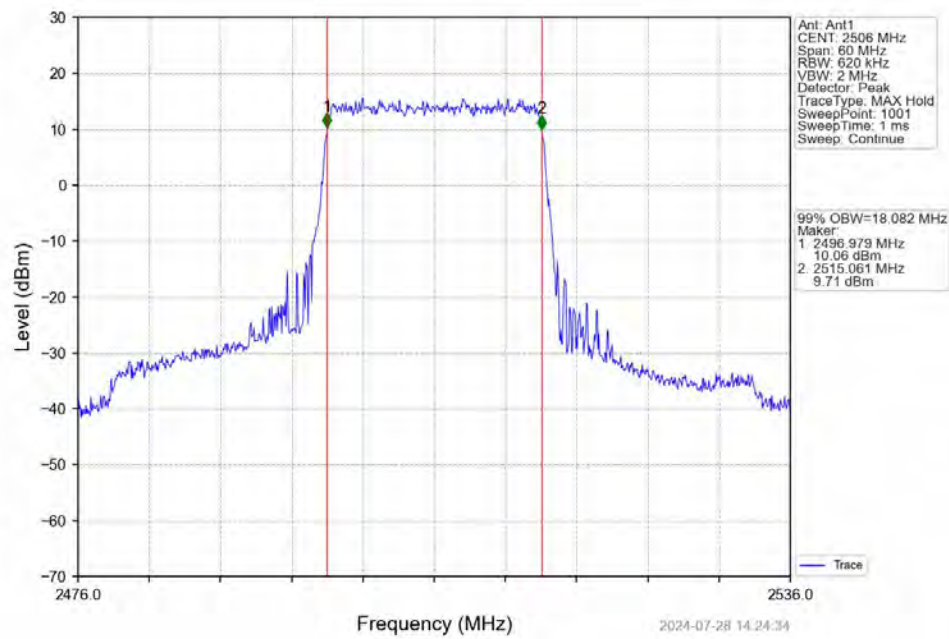


Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV

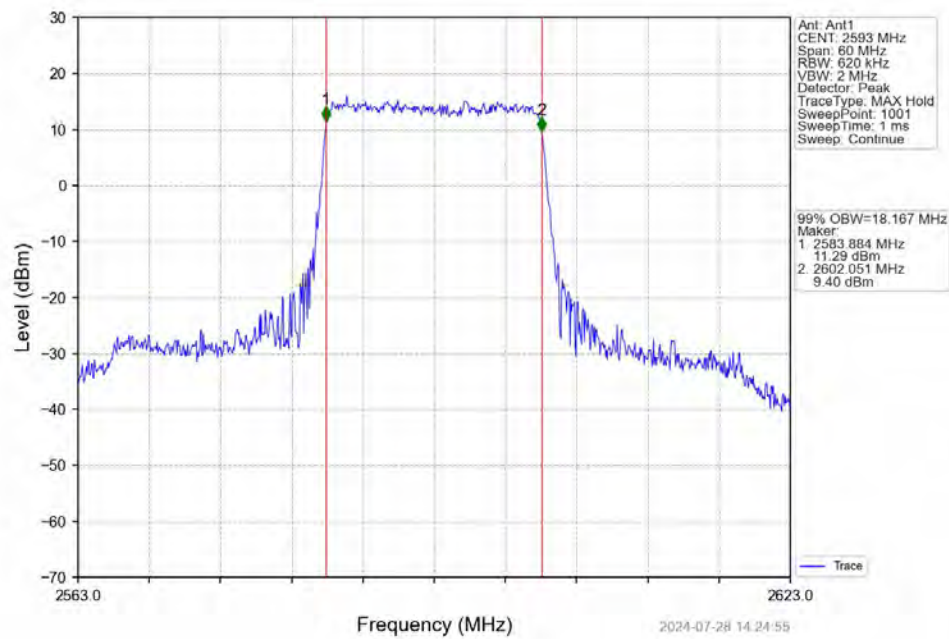




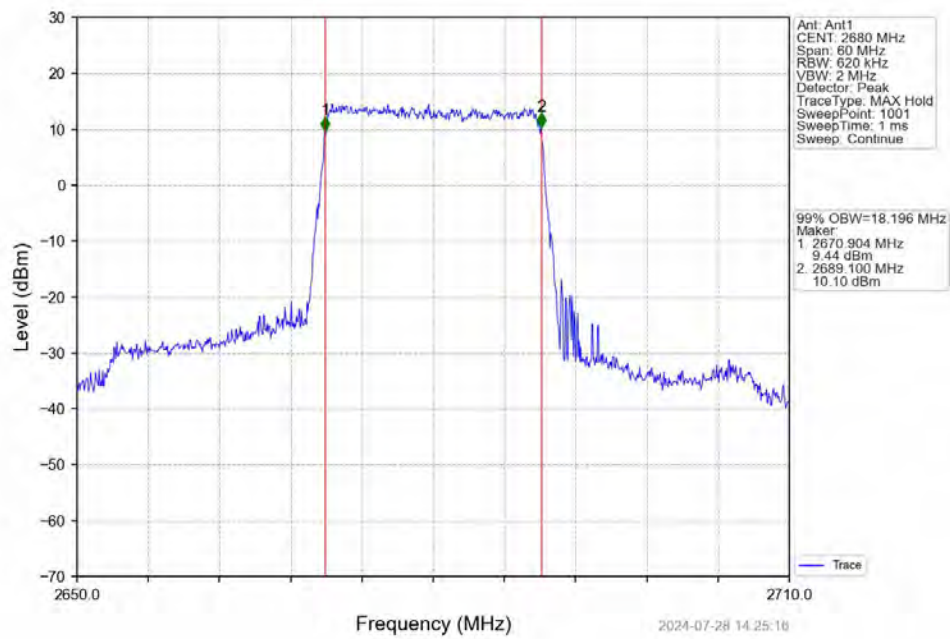
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



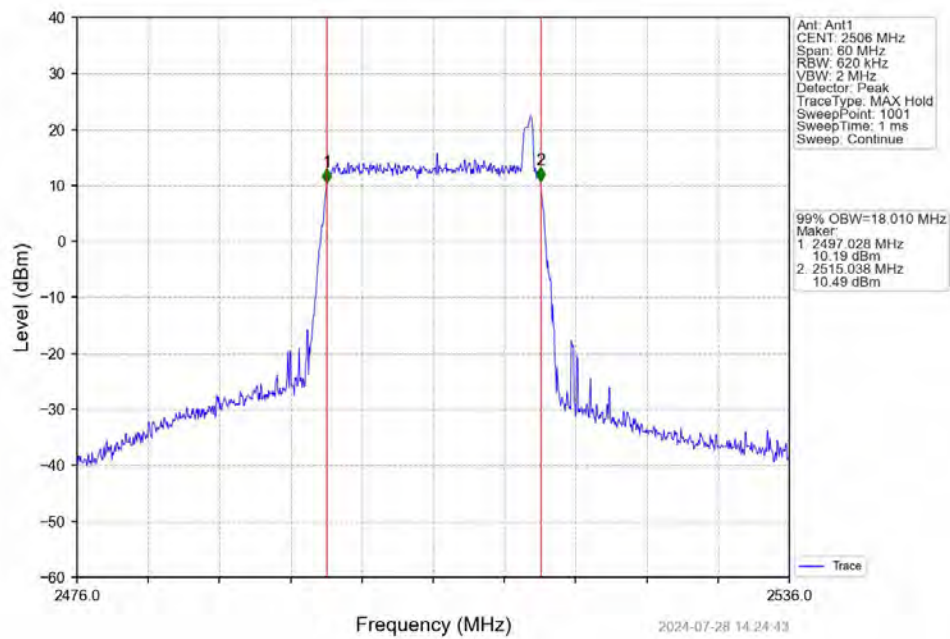
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



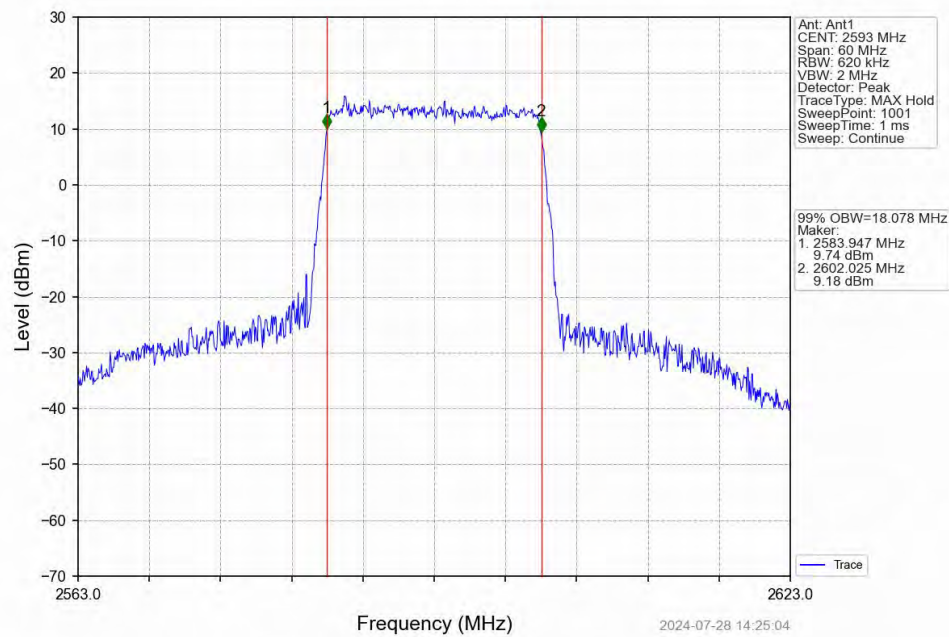
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



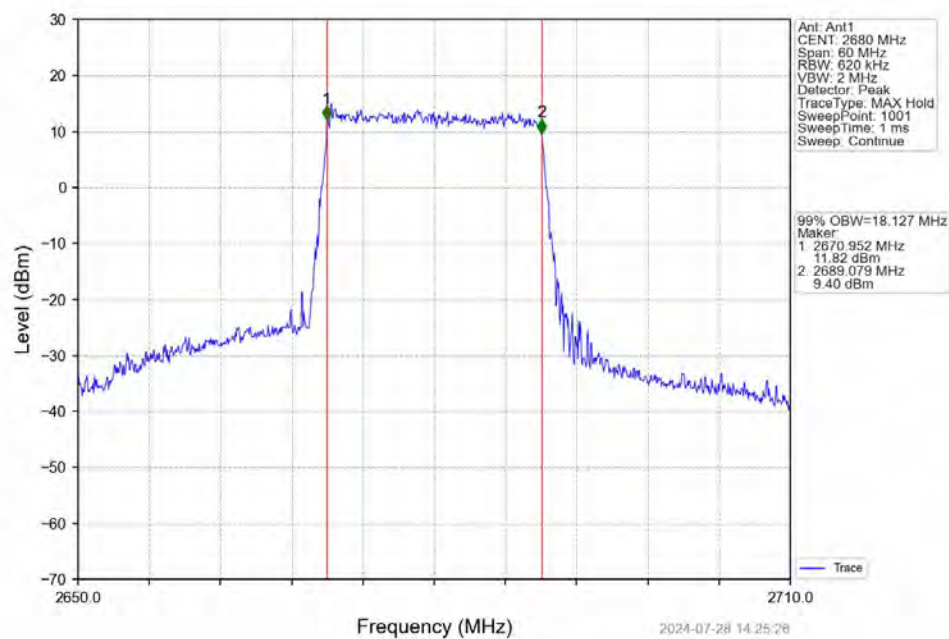
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



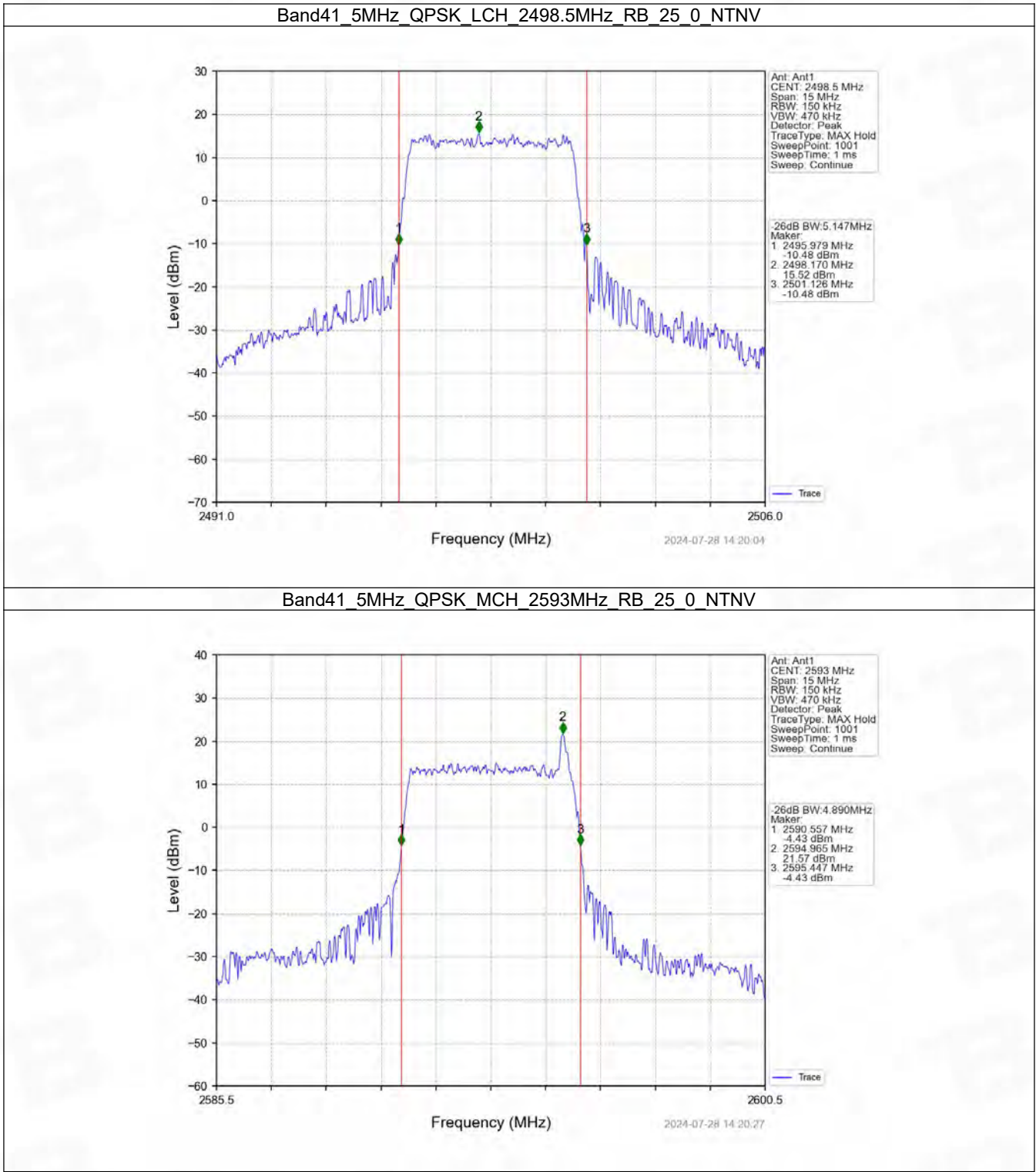
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



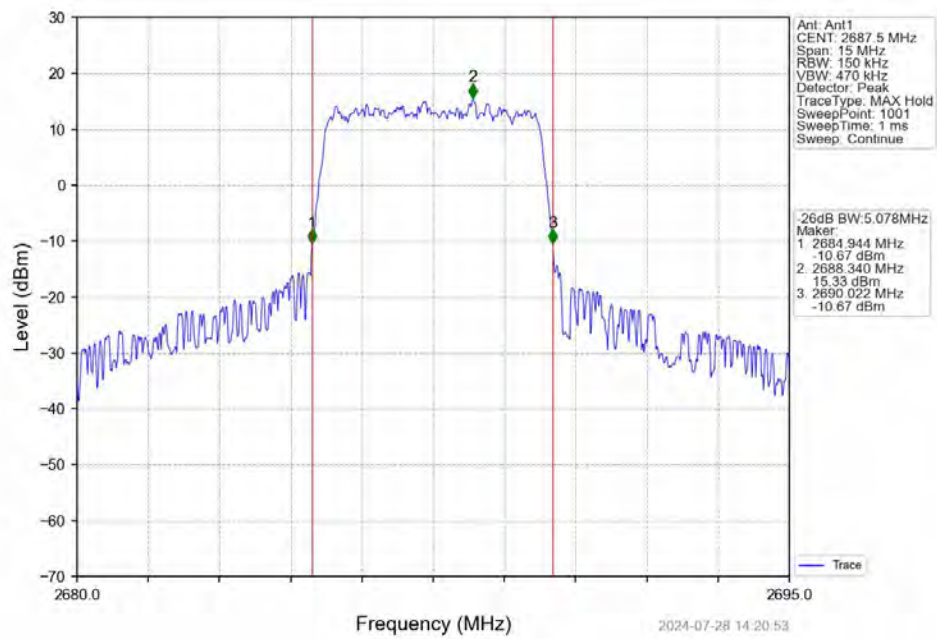
Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



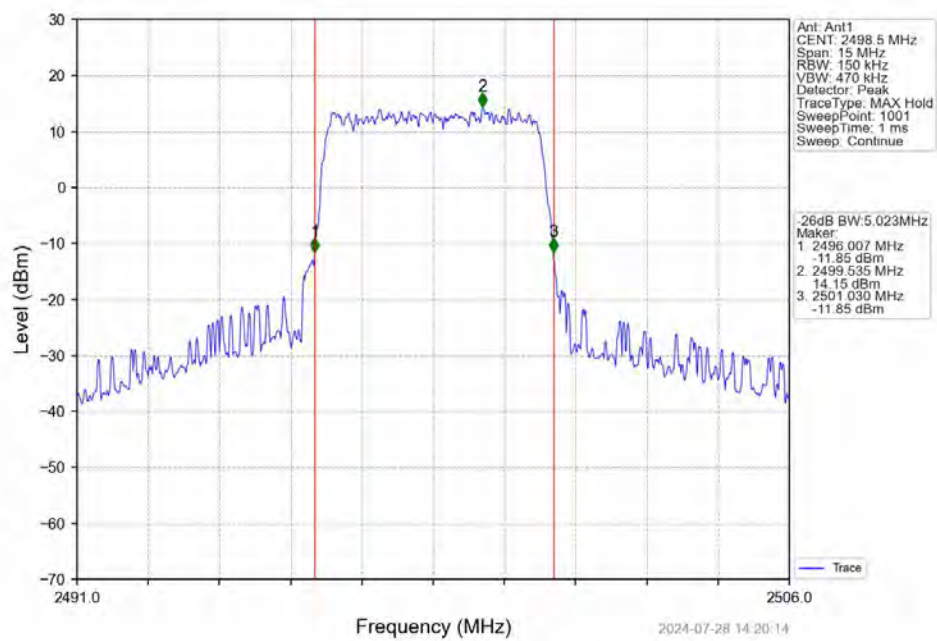
4.2.2 Band41_XDB



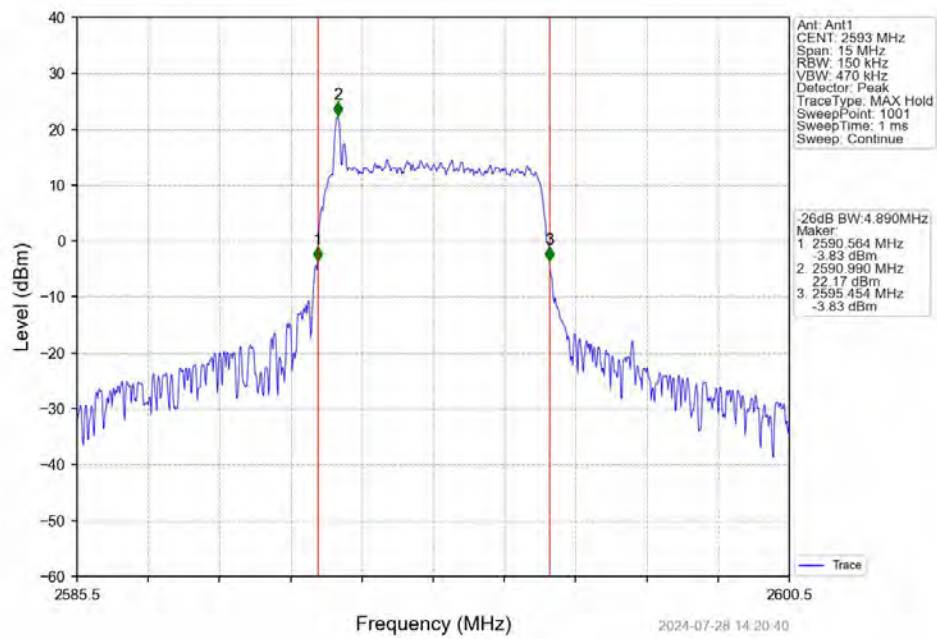
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



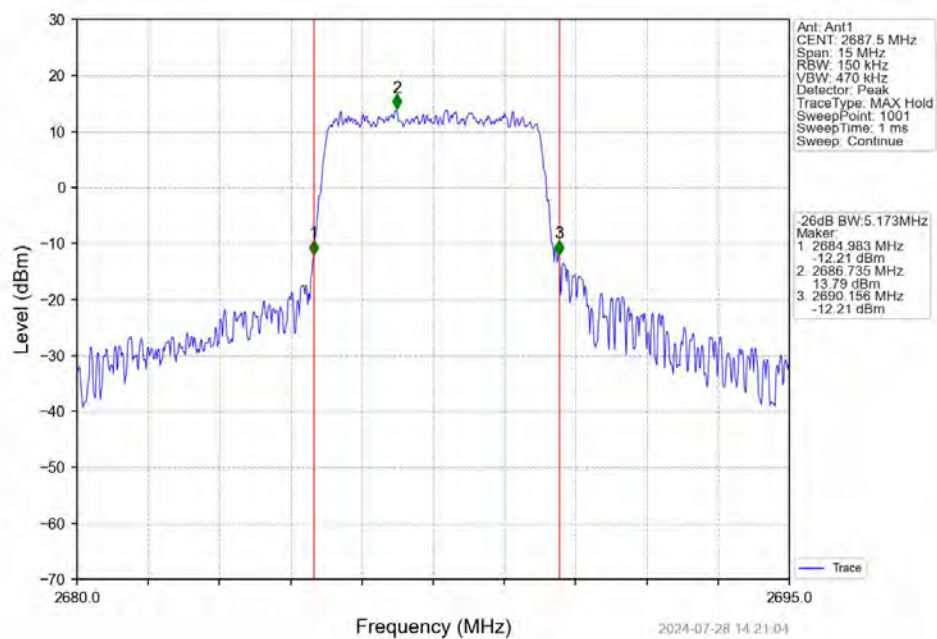
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



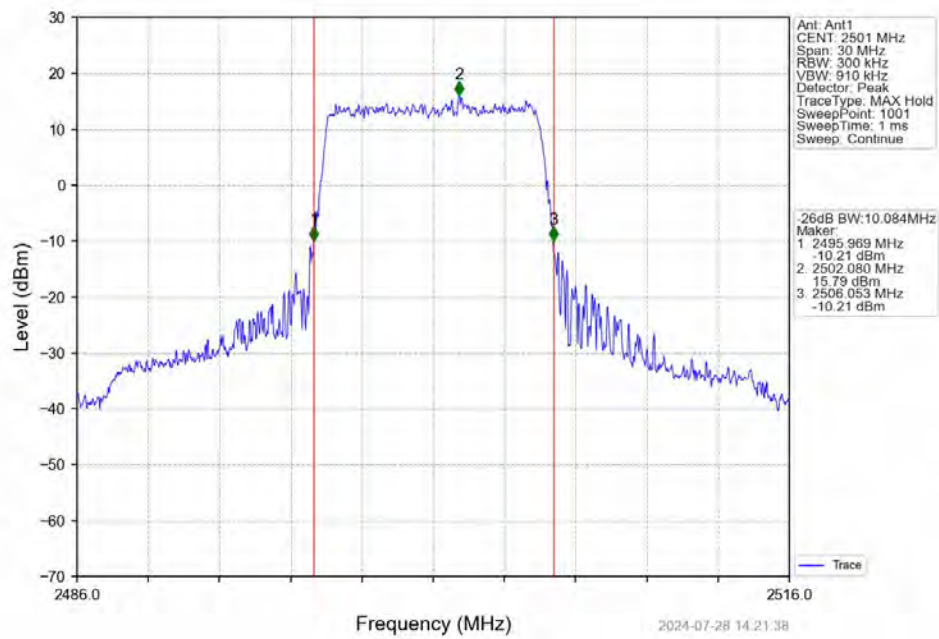
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



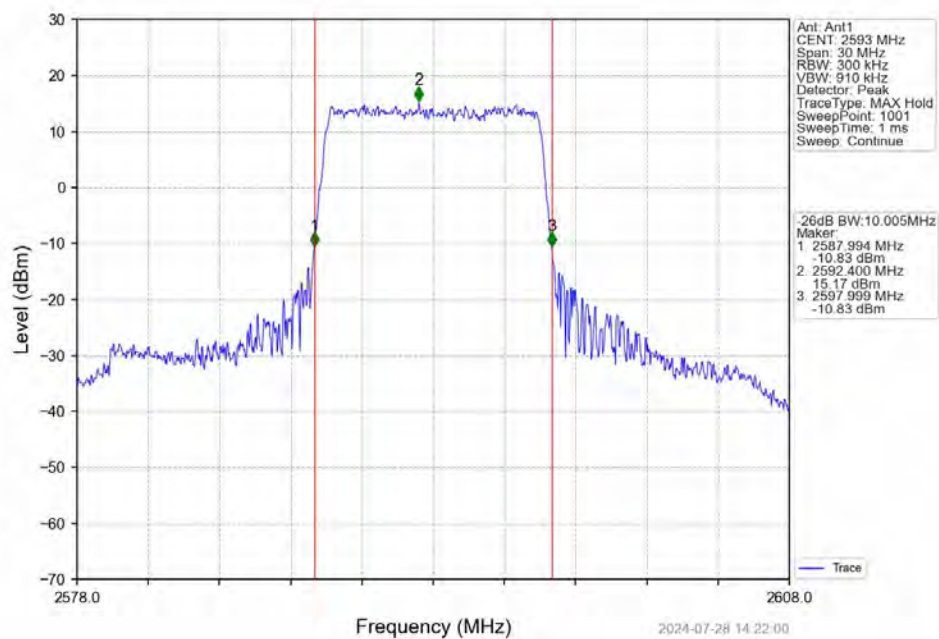
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



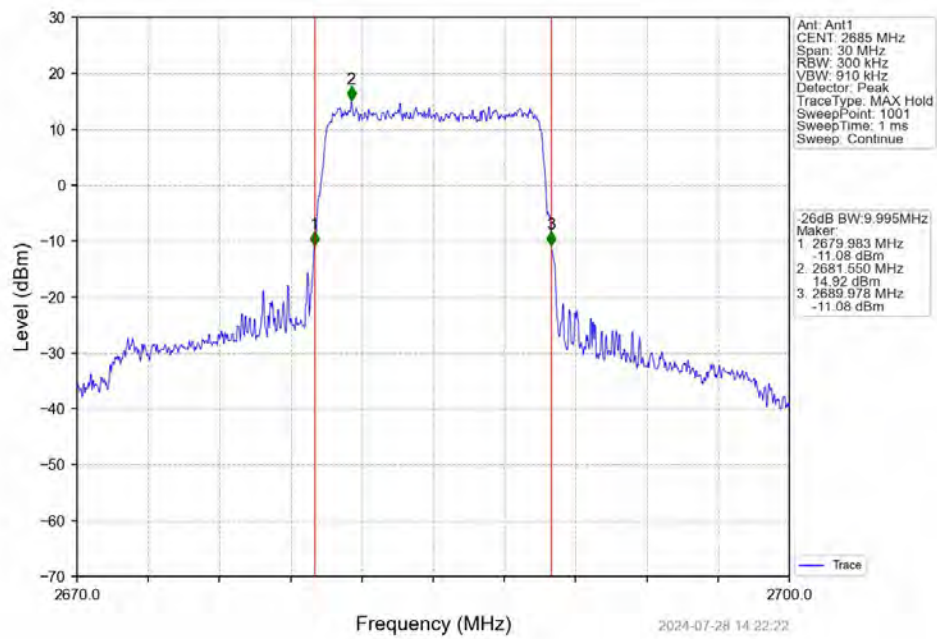
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



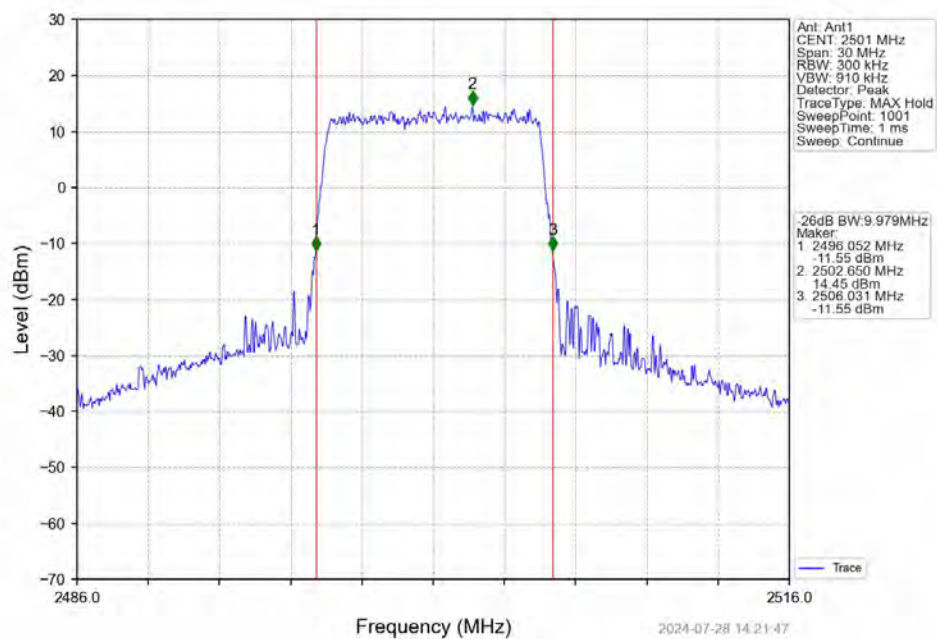
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



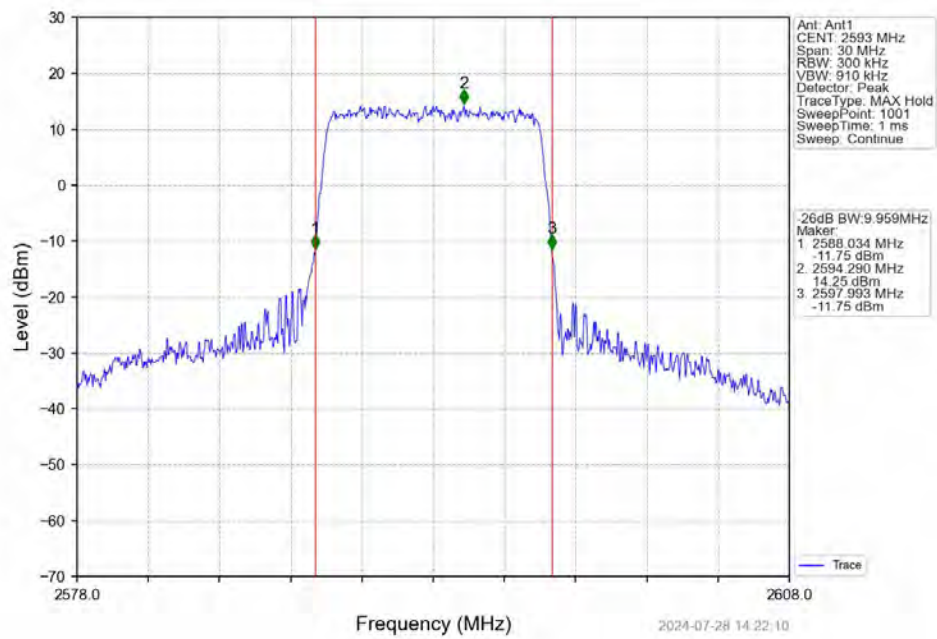
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



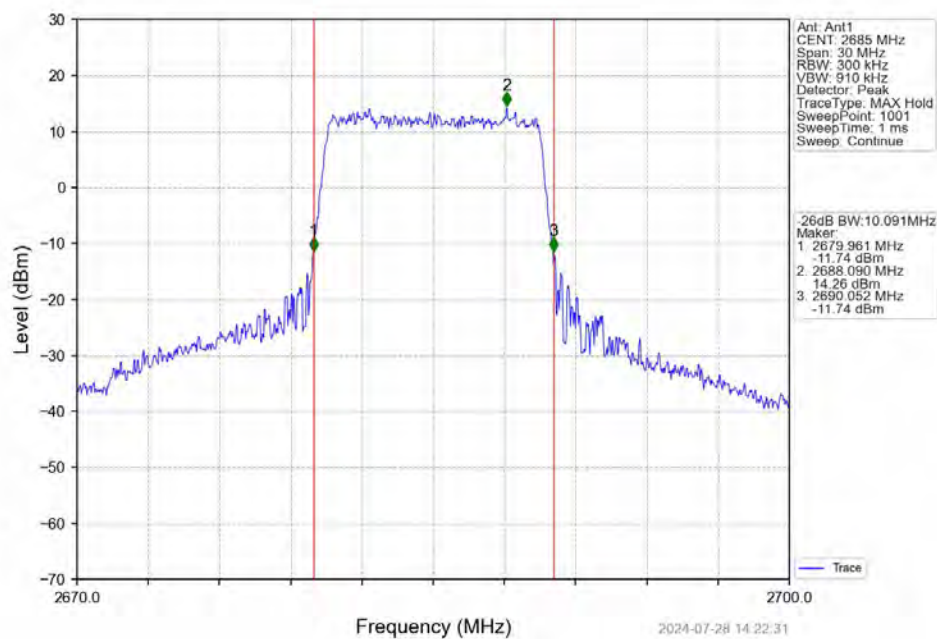
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



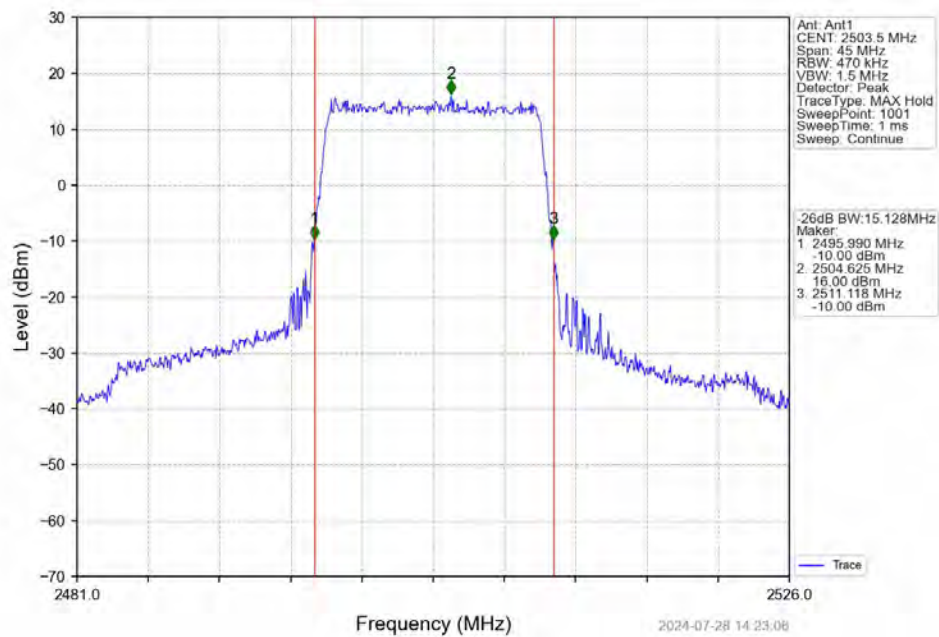
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



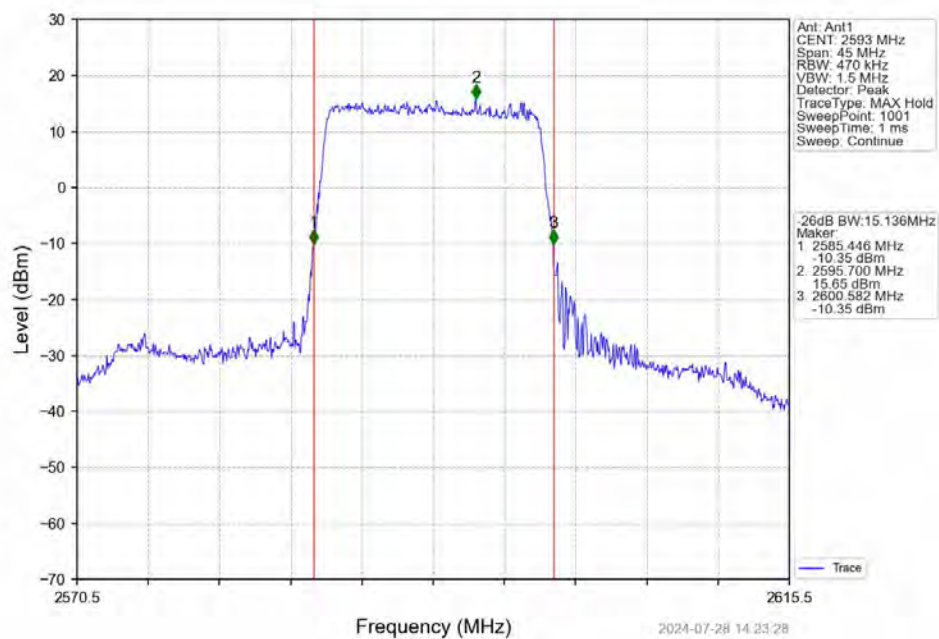
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



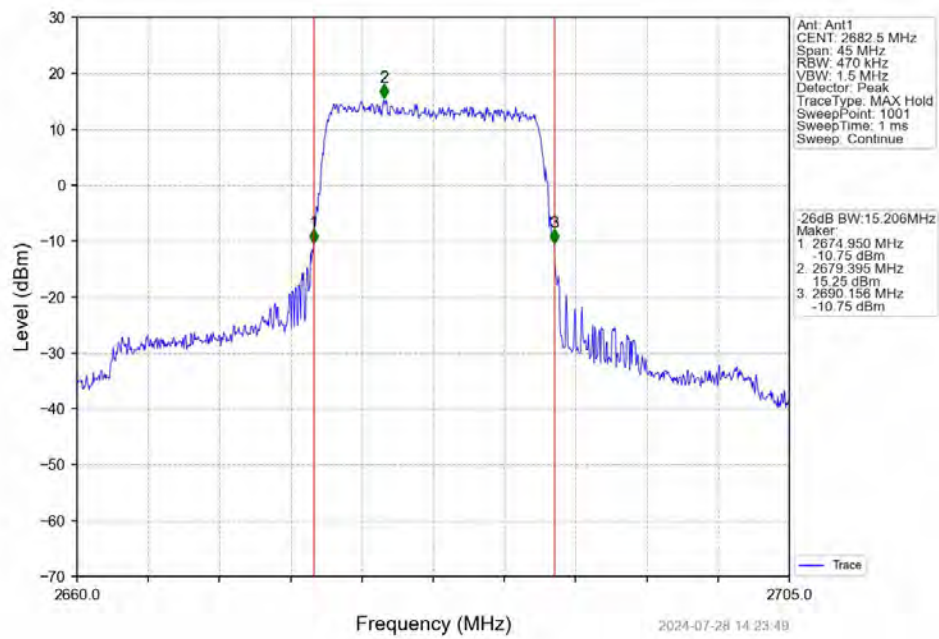
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



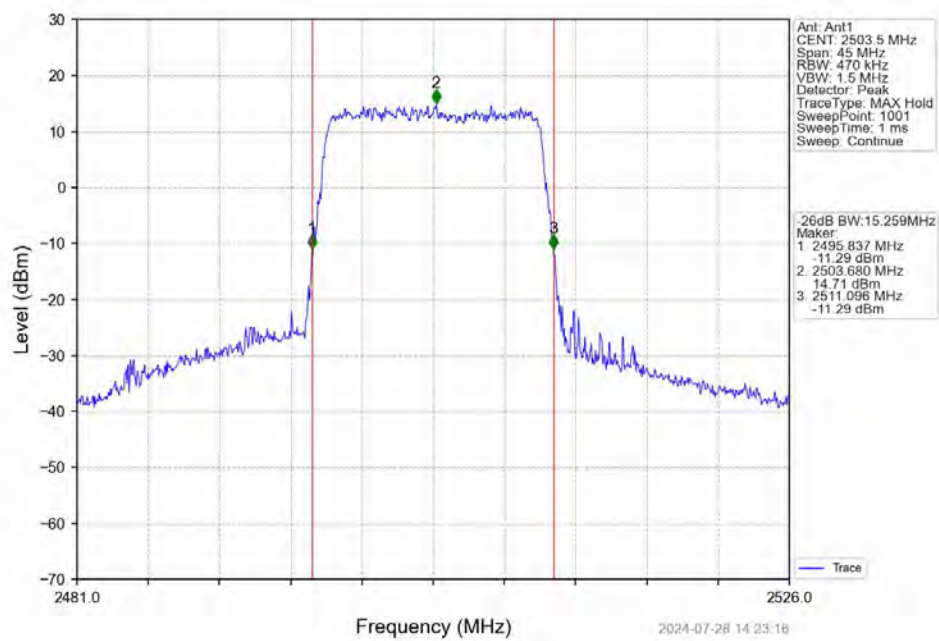
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV

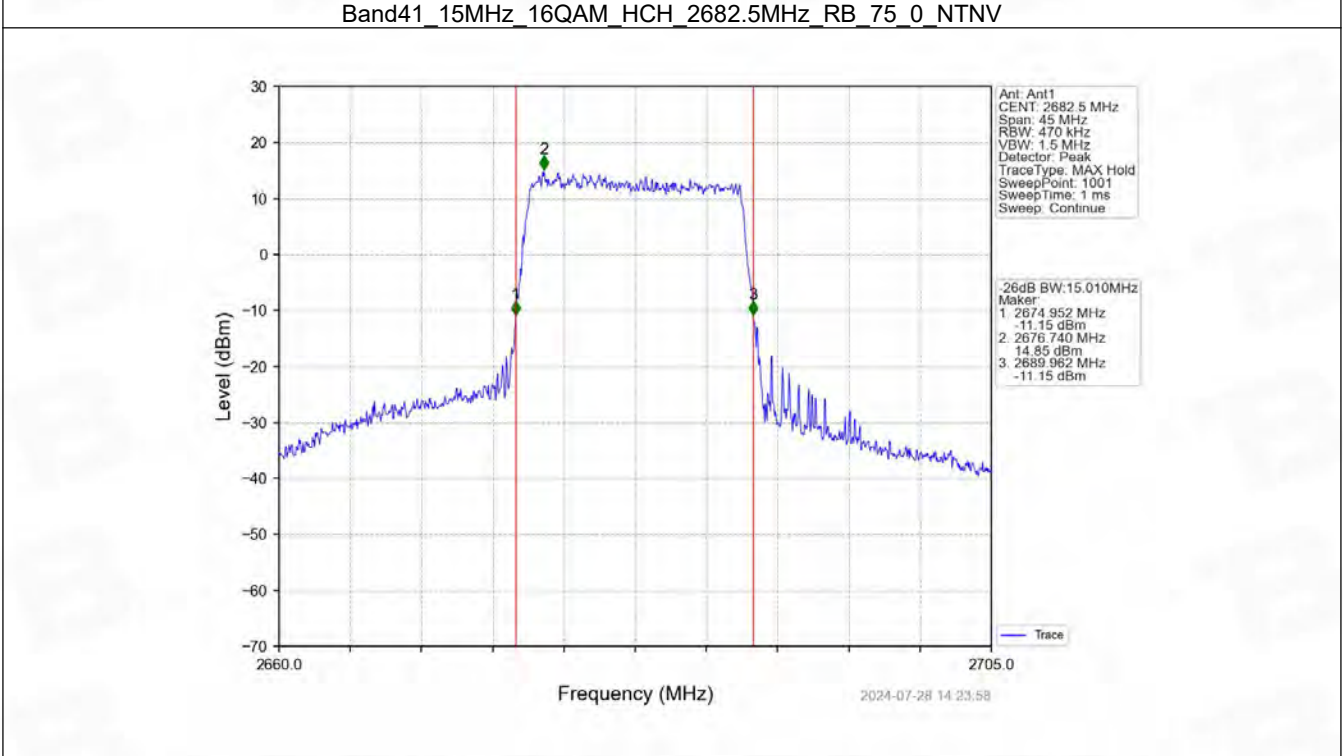
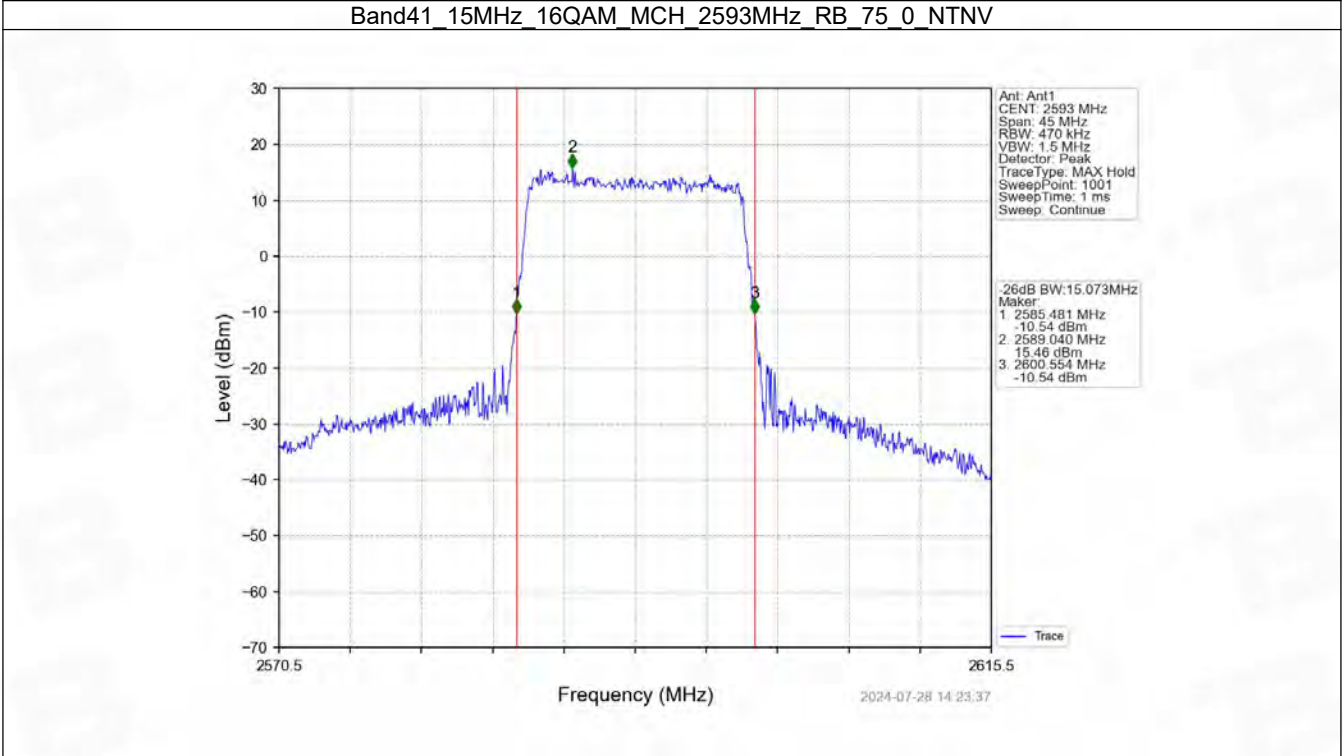


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV

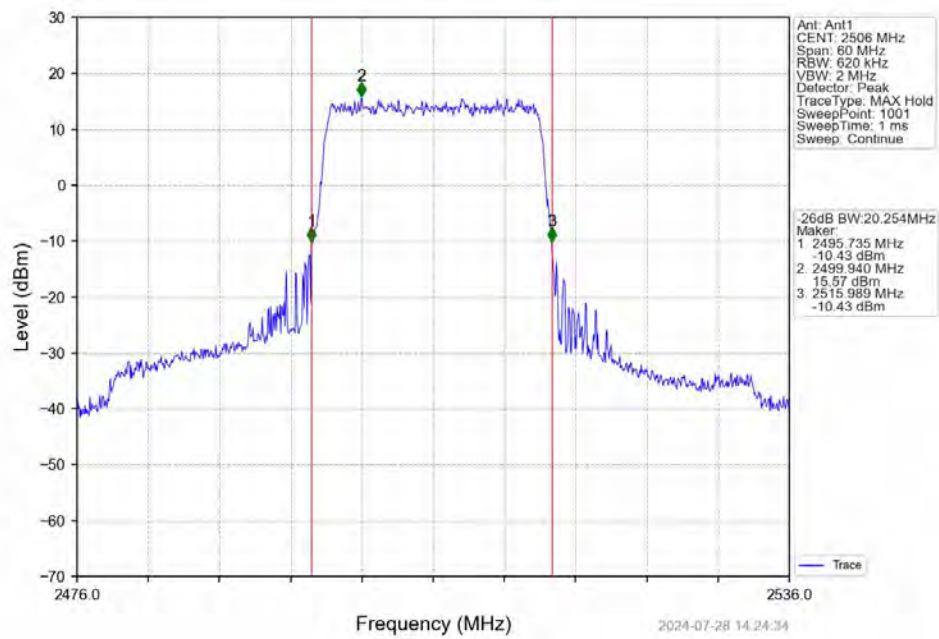


Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV

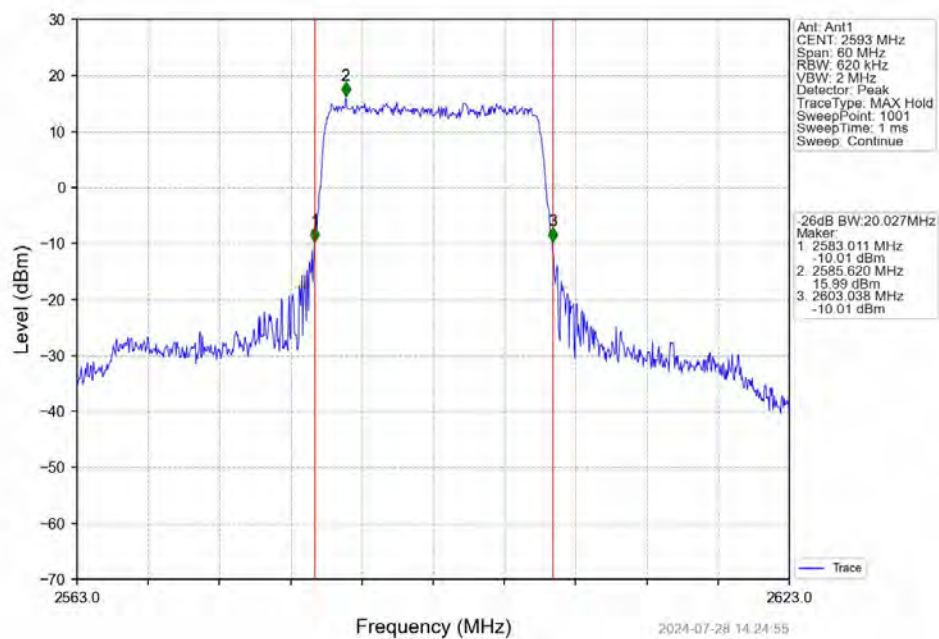




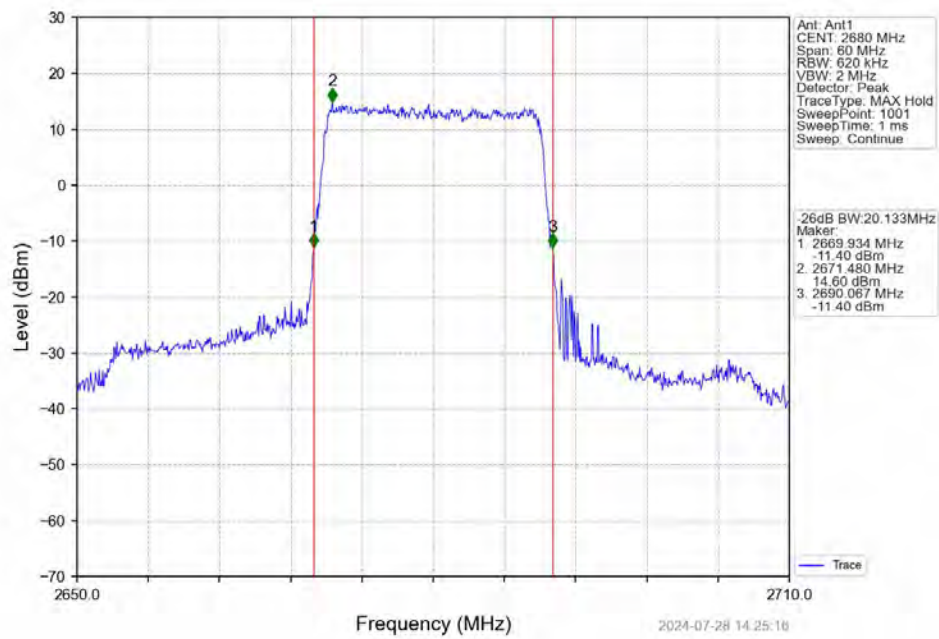
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



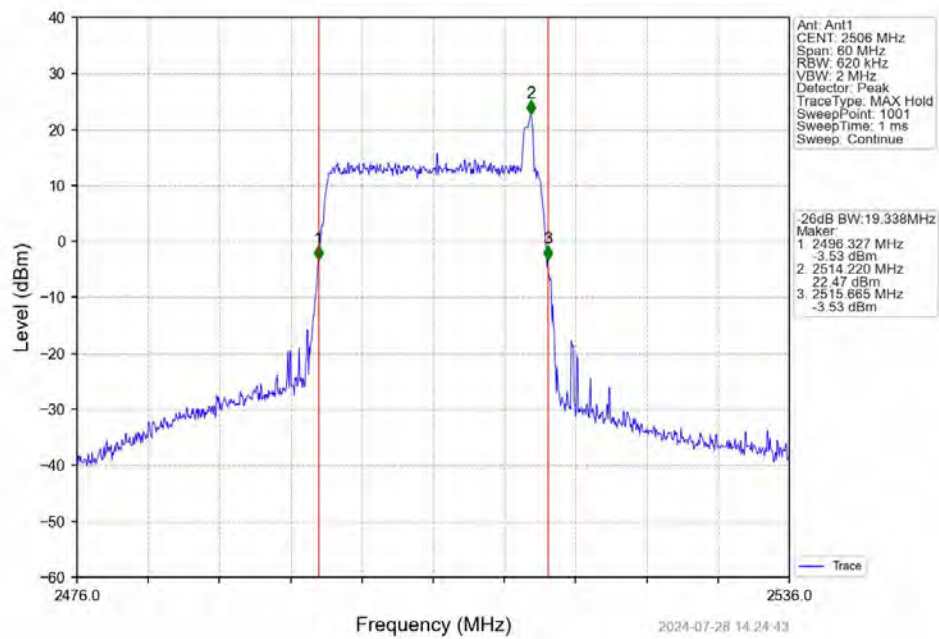
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



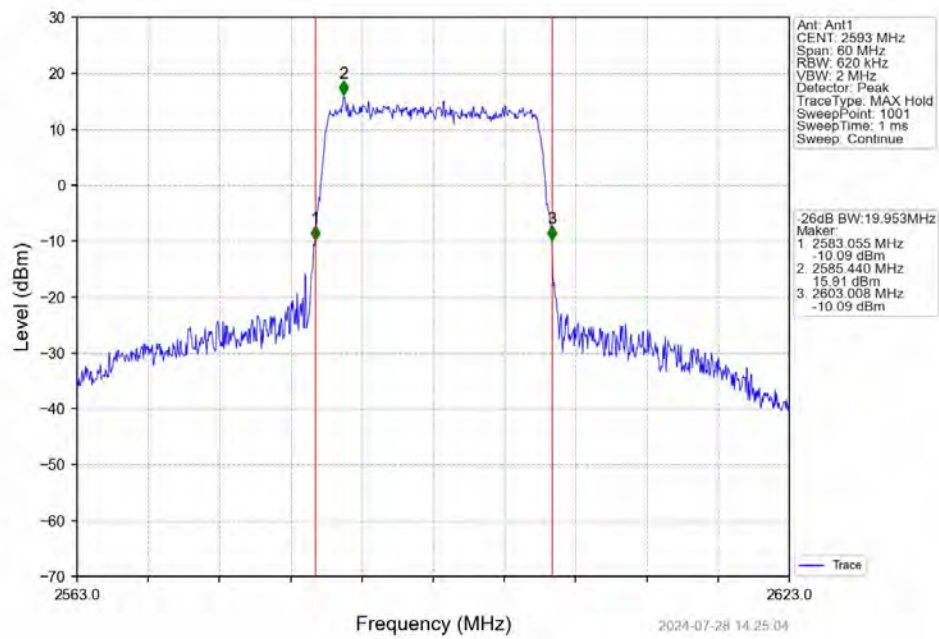
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



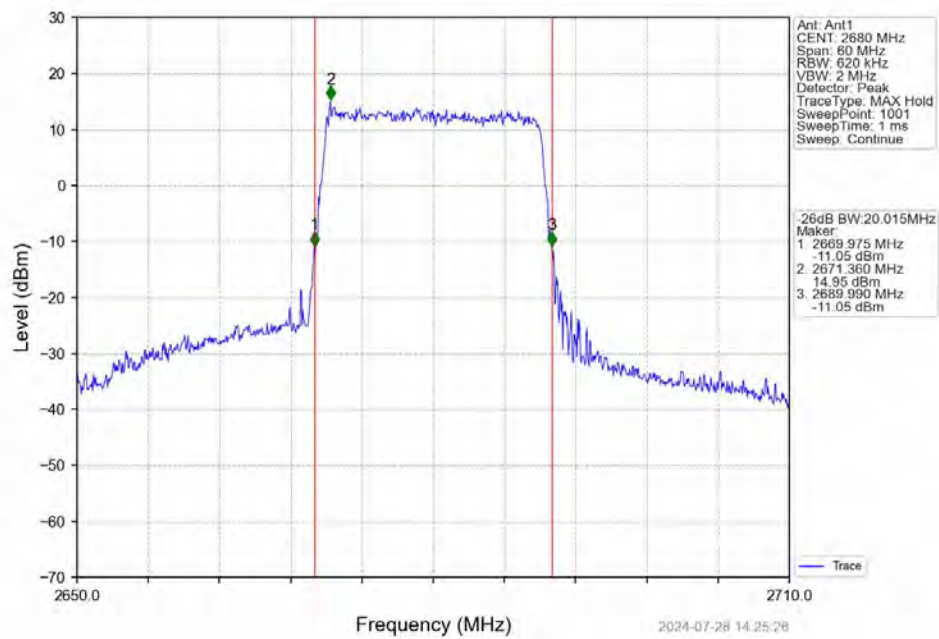
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



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	8.09	<=13	Pass
	2593	25	0	7.57	<=13	Pass
	2687.5	25	0	7.72	<=13	Pass
16QAM	2498.5	25	0	8.46	<=13	Pass
	2593	25	0	8.26	<=13	Pass
	2687.5	25	0	8.52	<=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	8.08	<=13	Pass
	2593	50	0	7.59	<=13	Pass
	2685	50	0	8.07	<=13	Pass
16QAM	2501	50	0	8.65	<=13	Pass
	2593	50	0	8.16	<=13	Pass
	2685	50	0	8.67	<=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	8.22	<=13	Pass
	2593	75	0	7.79	<=13	Pass
	2682.5	75	0	8.38	<=13	Pass
16QAM	2503.5	75	0	8.65	<=13	Pass
	2593	75	0	8.53	<=13	Pass
	2682.5	75	0	8.63	<=13	Pass

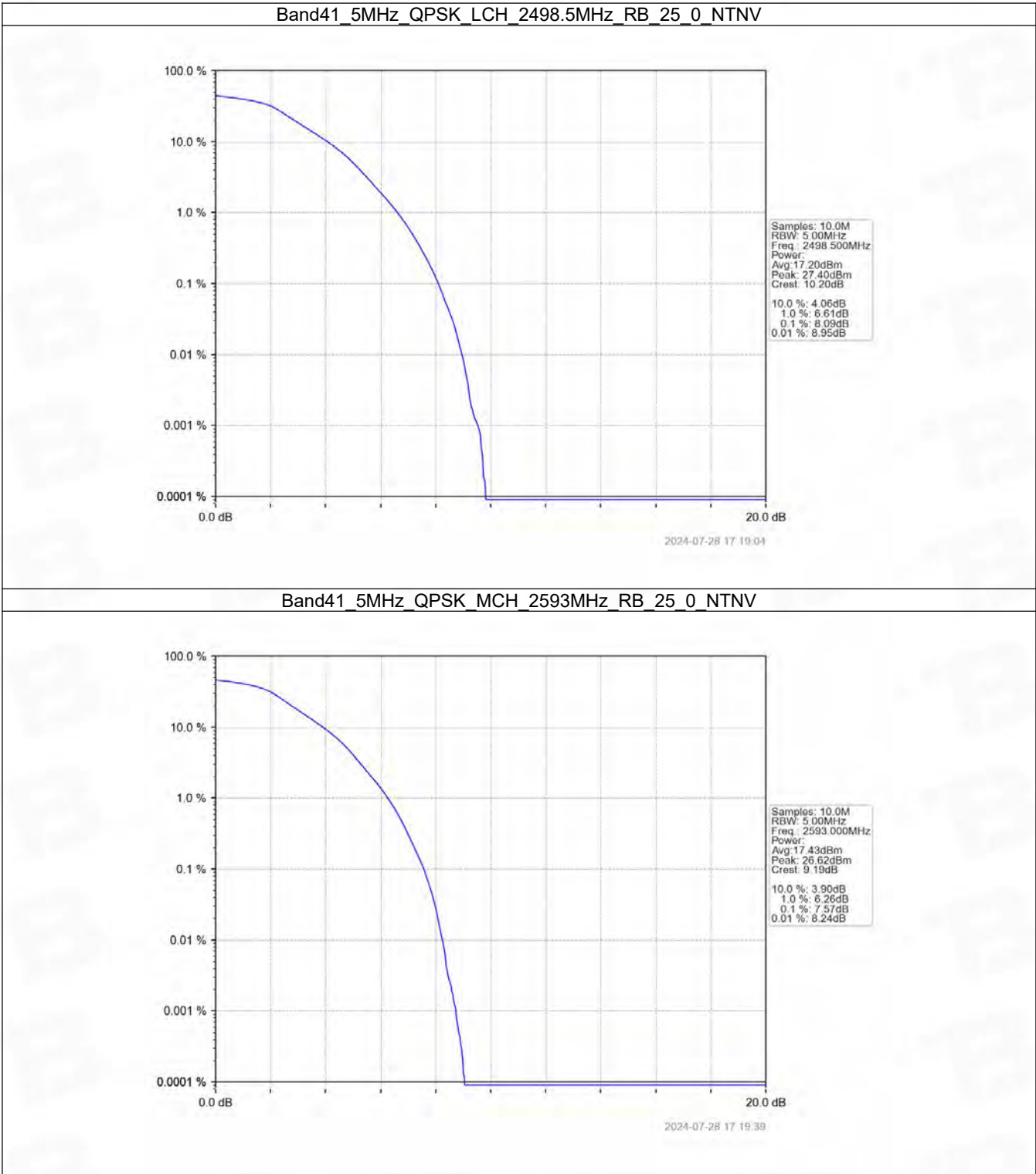
5.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	8.06	<=13	Pass
	2593	100	0	7.33	<=13	Pass
	2680	100	0	7.82	<=13	Pass
16QAM	2506	100	0	8.44	<=13	Pass
	2593	100	0	8.46	<=13	Pass

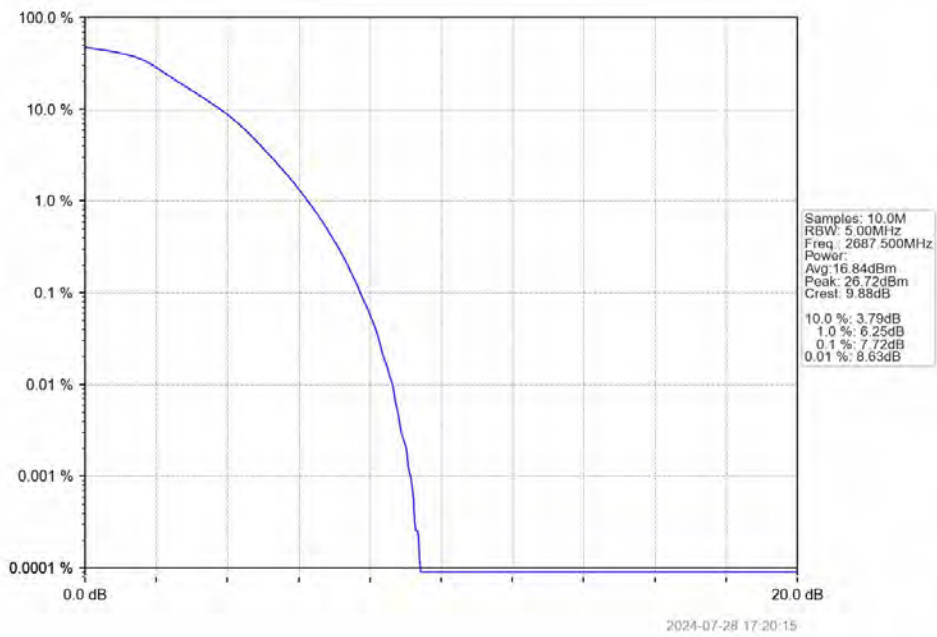
	2680	100	0	8.46	<=13	Pass
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5.2 Test Graph

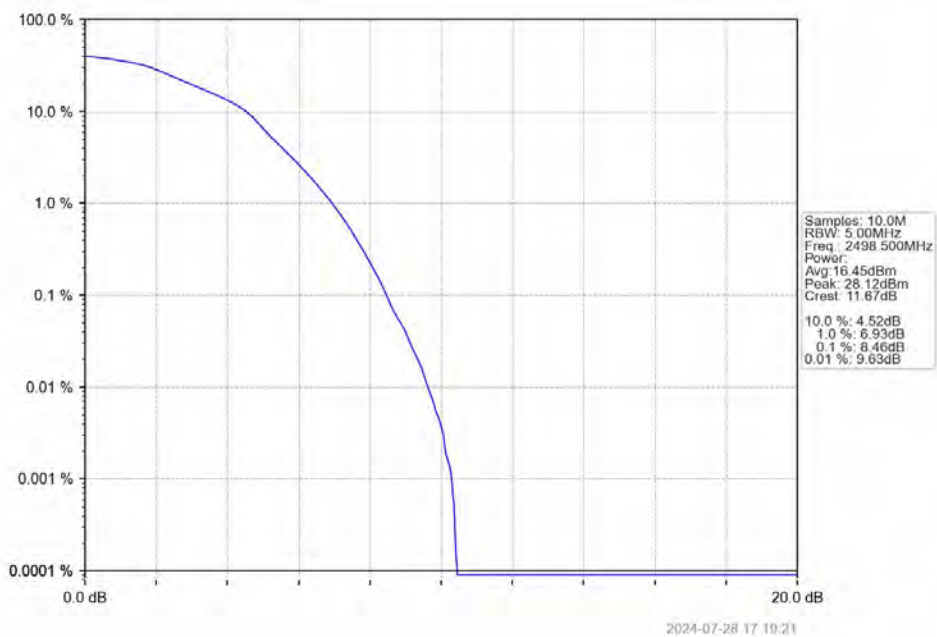
5.2.1 B41_5MHz



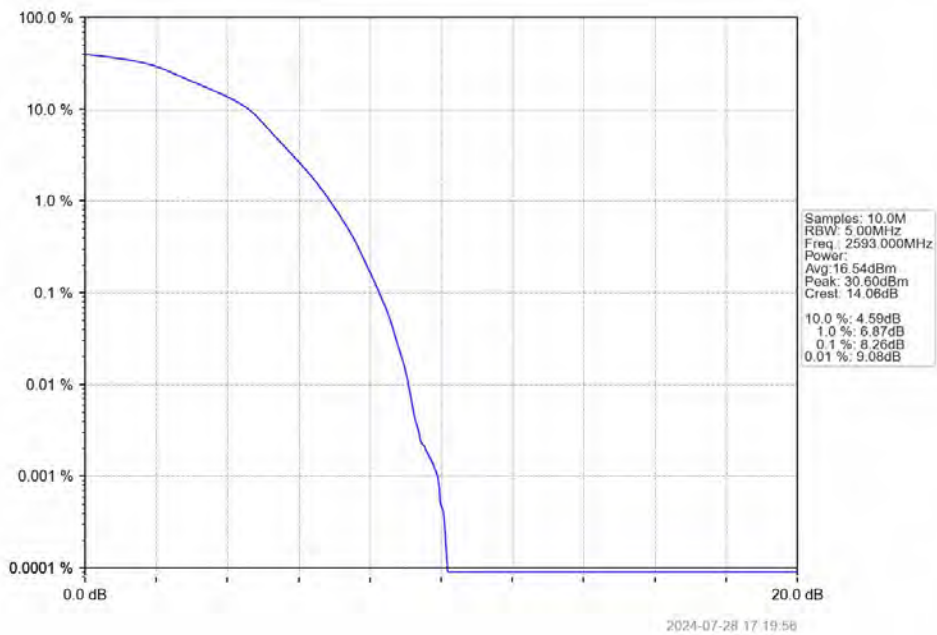
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



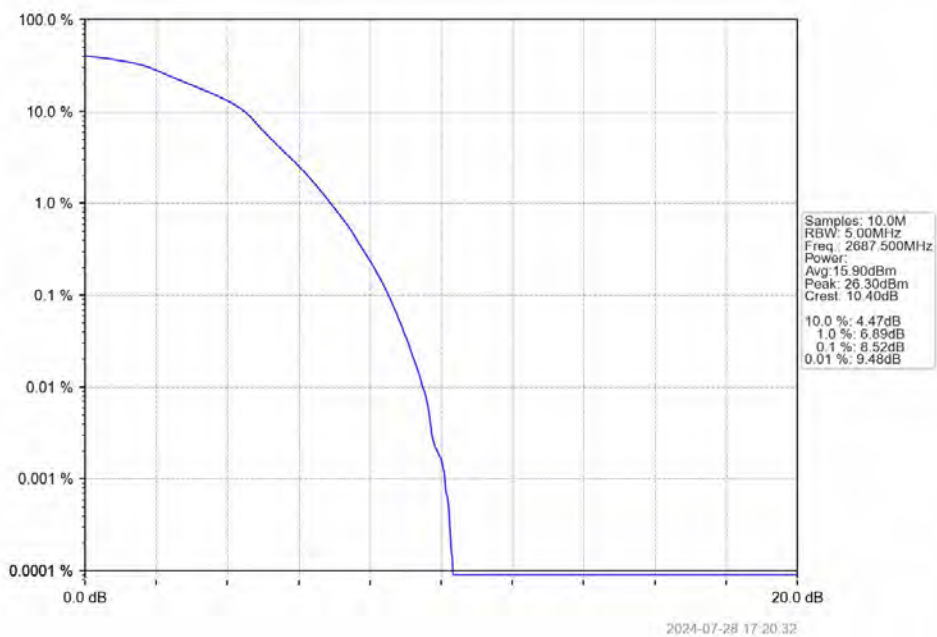
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



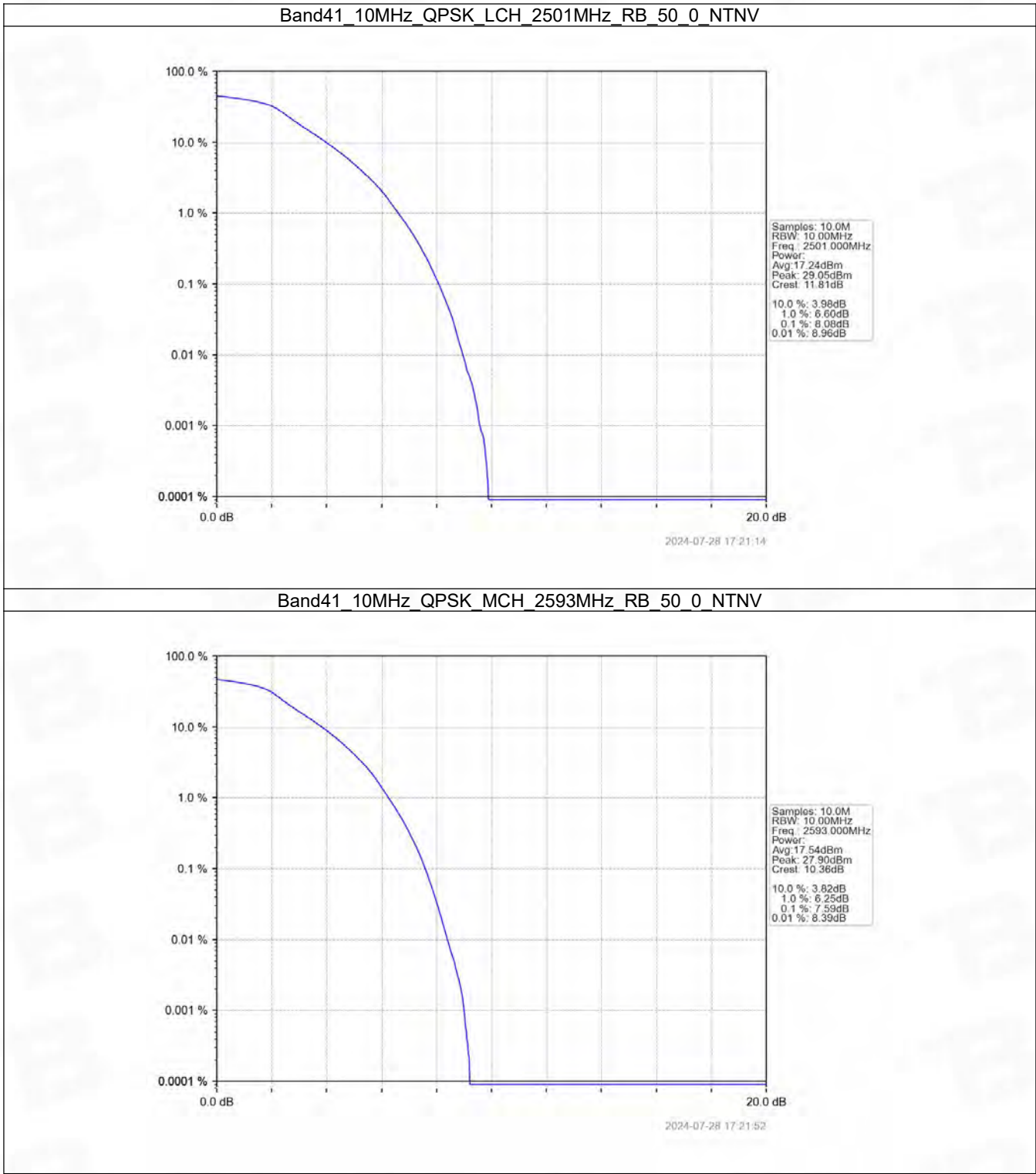
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



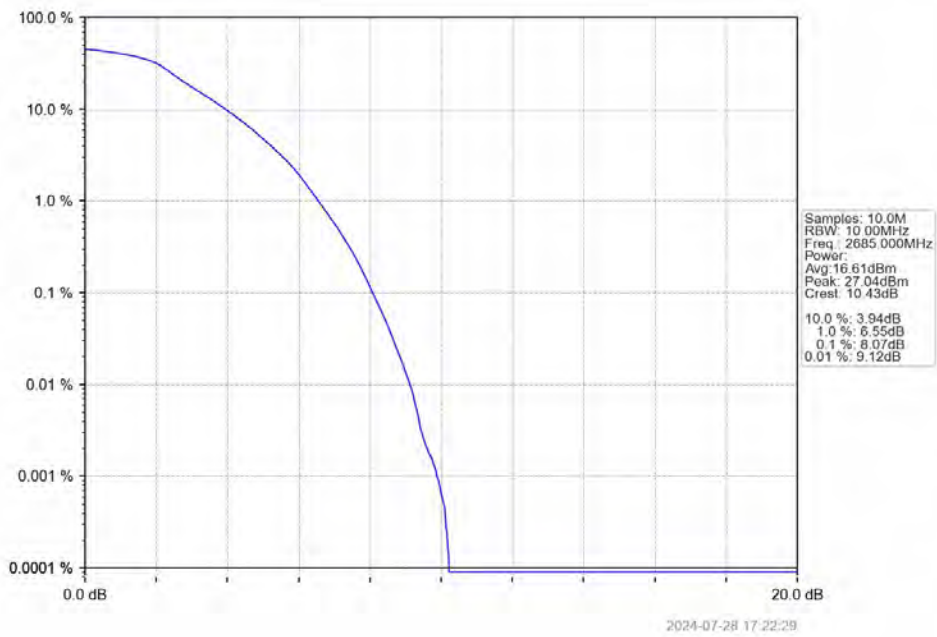
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



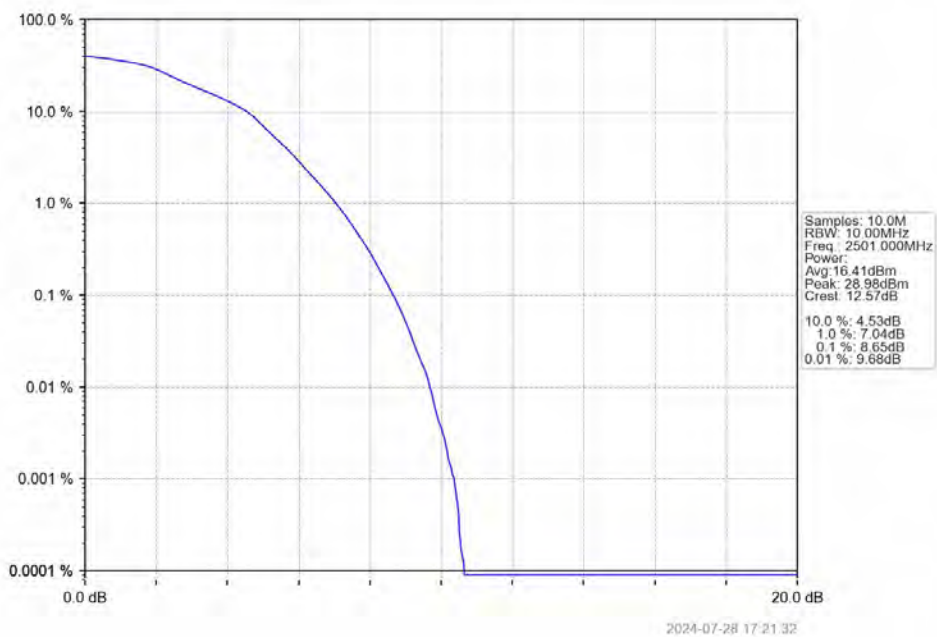
5.2.2 B41_10MHz



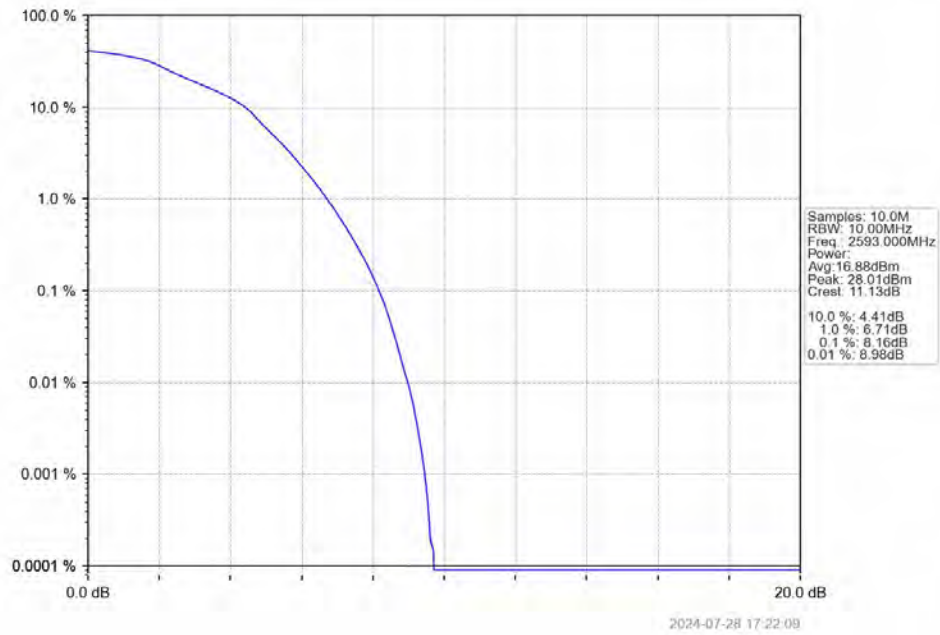
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



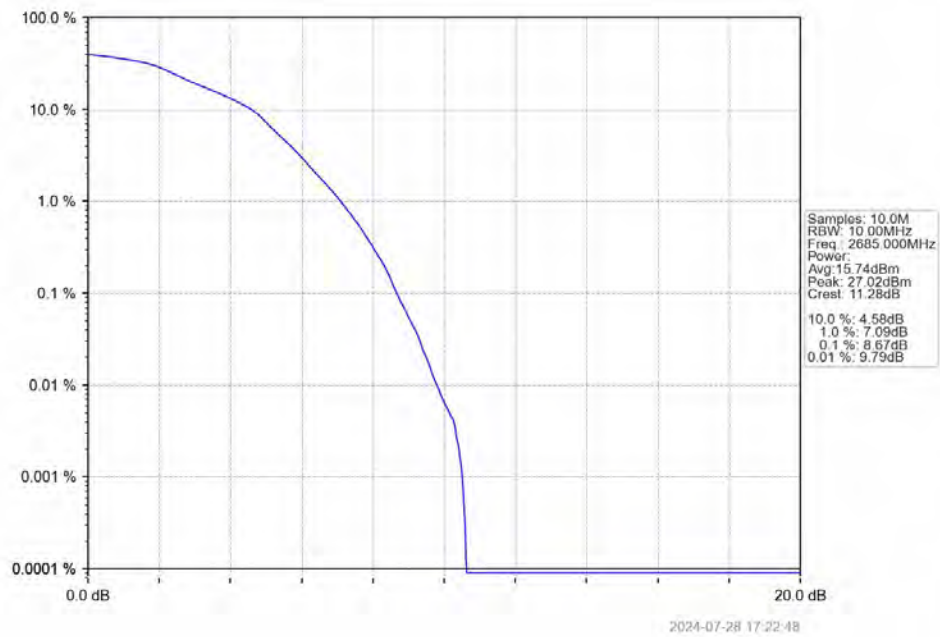
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



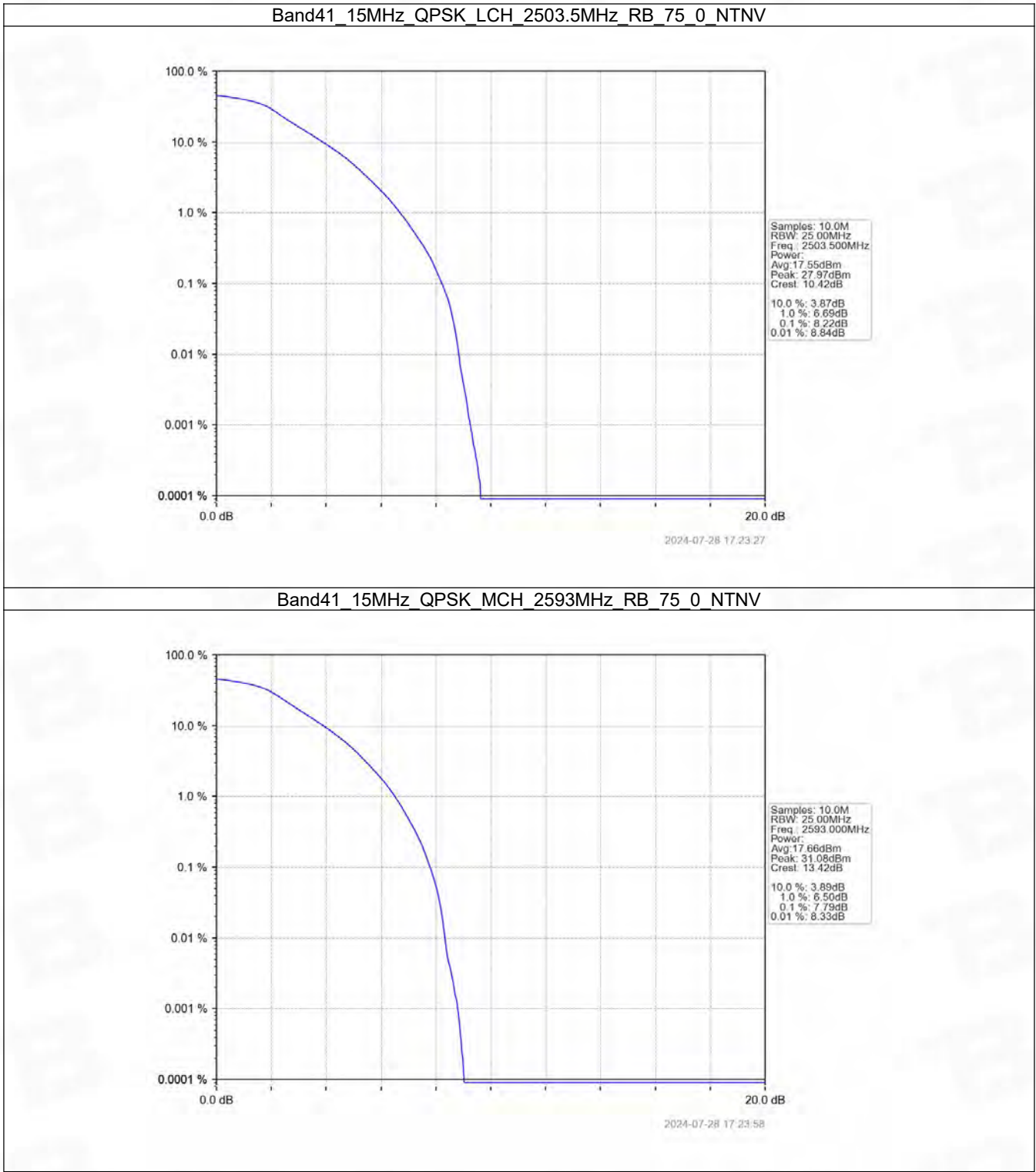
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV

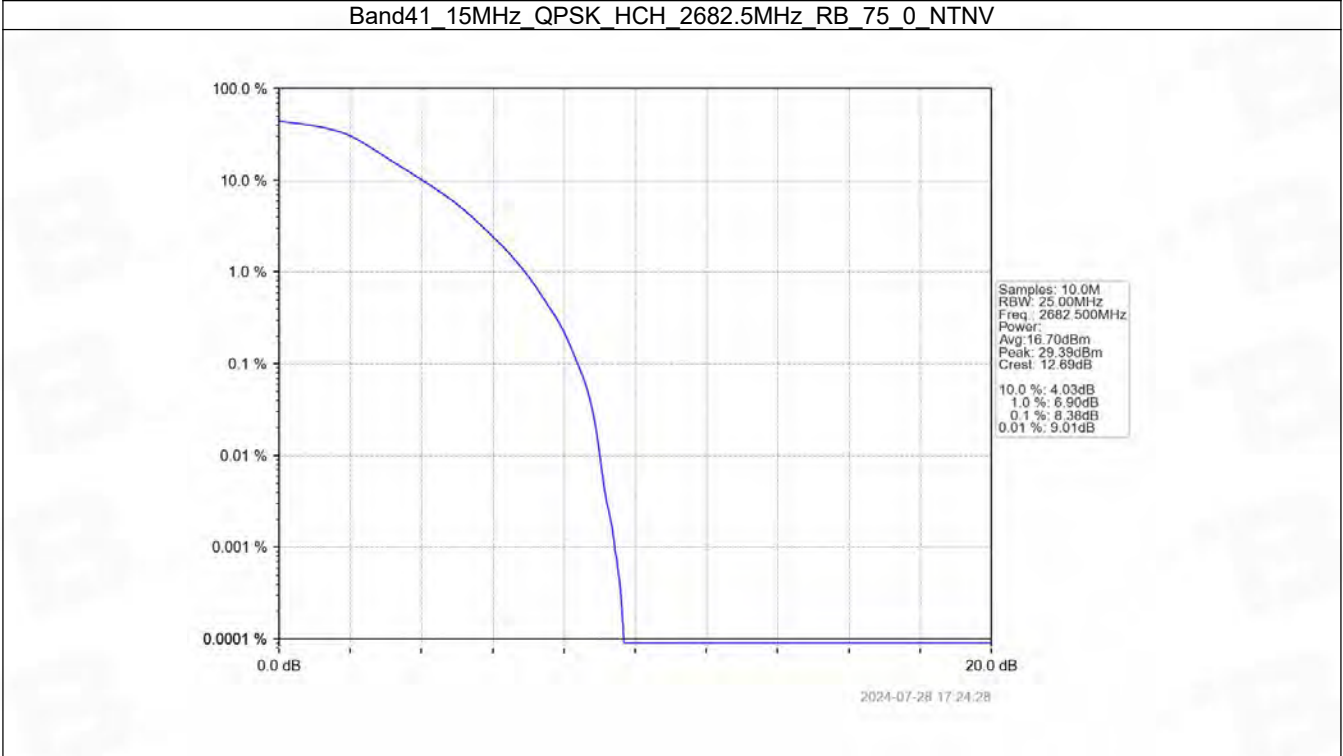


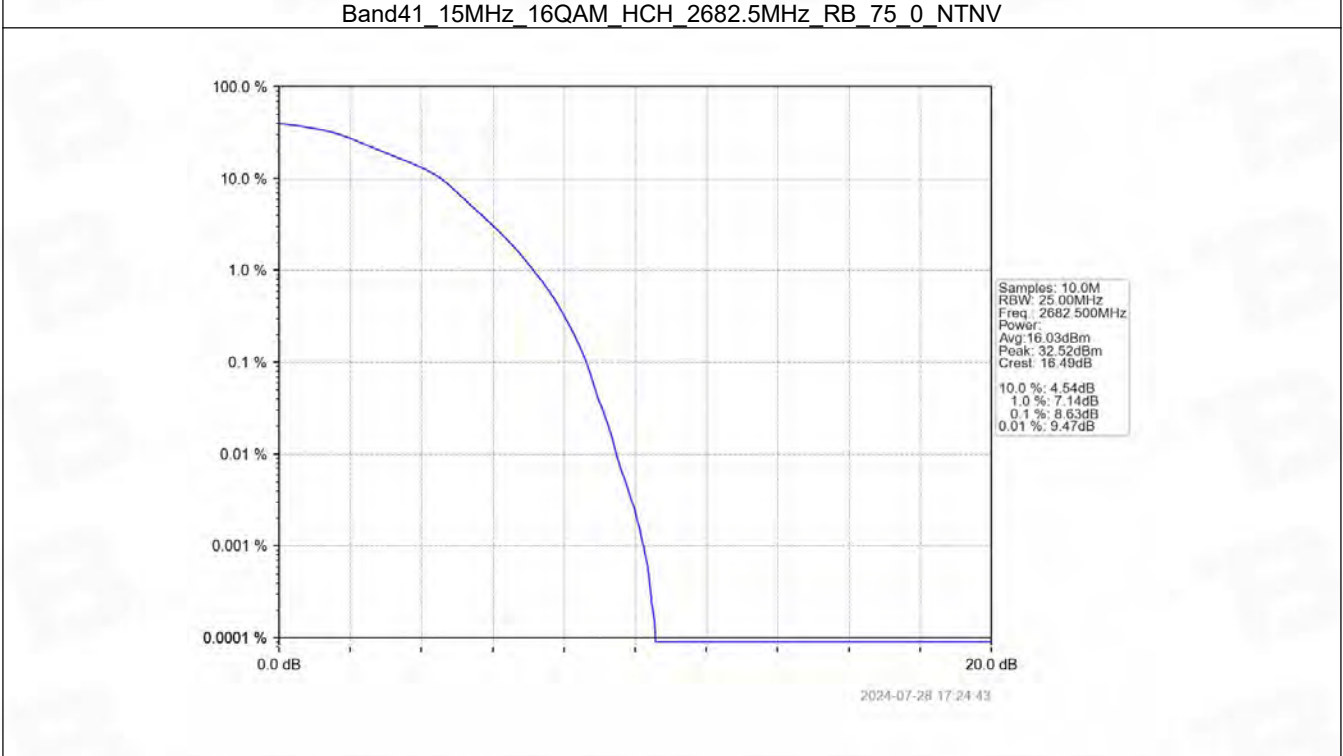
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



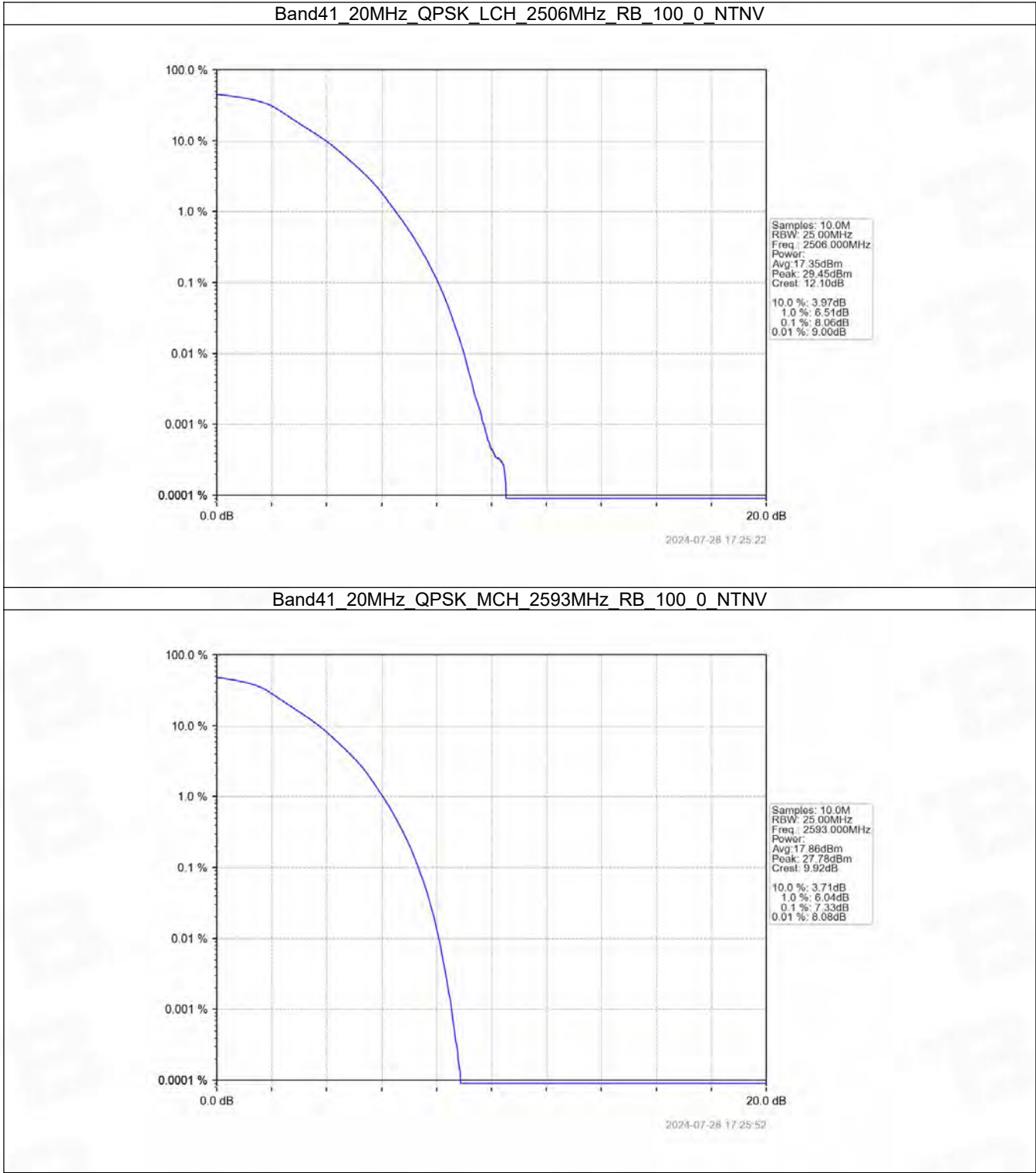
5.2.3 B41_15MHz



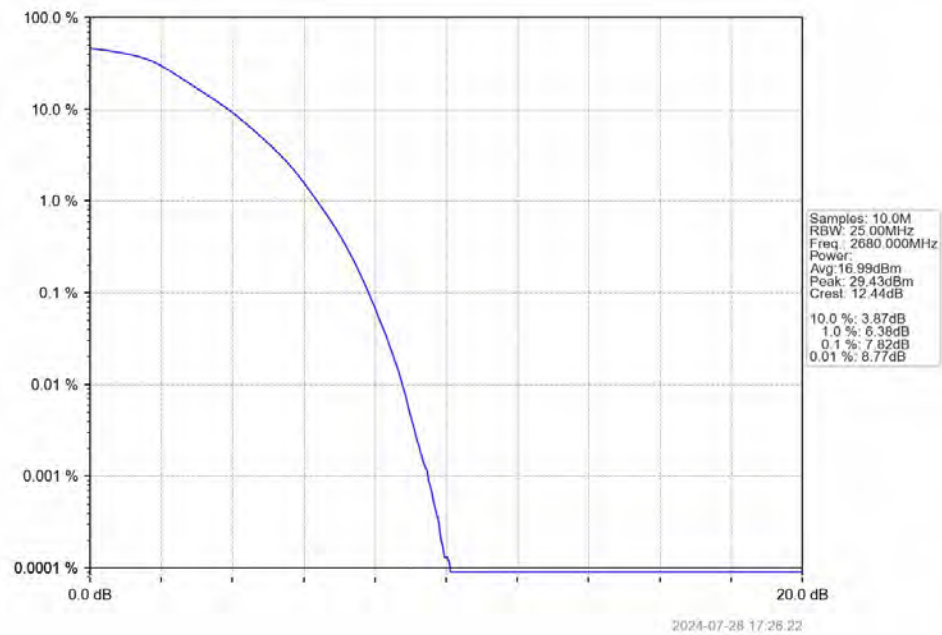




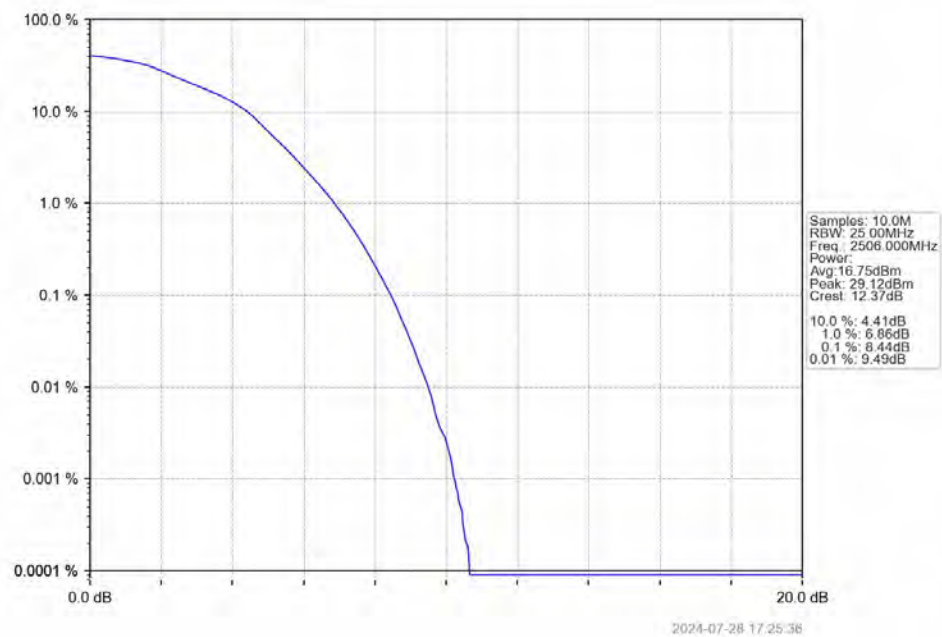
5.2.4 B41_20MHz



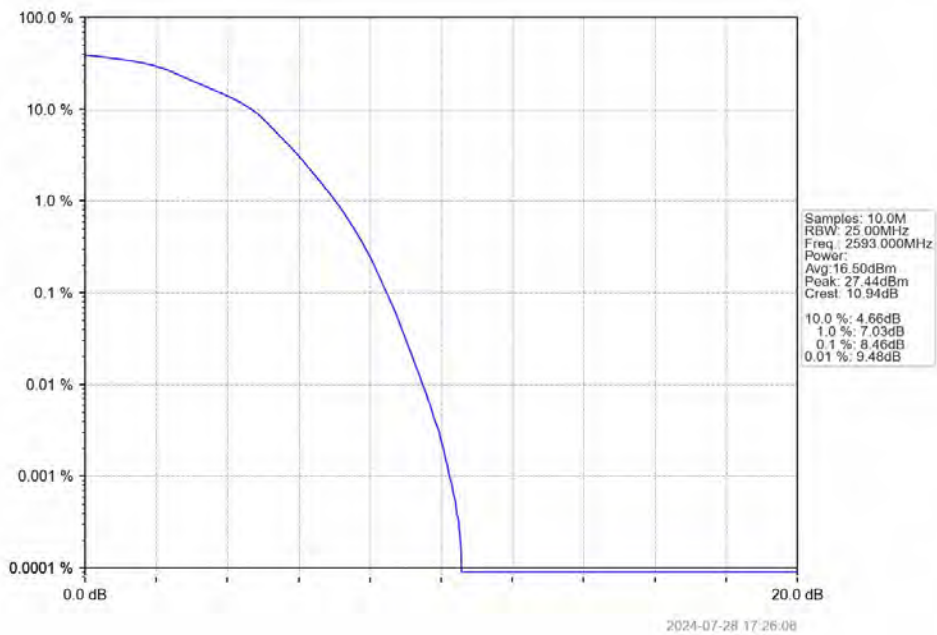
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



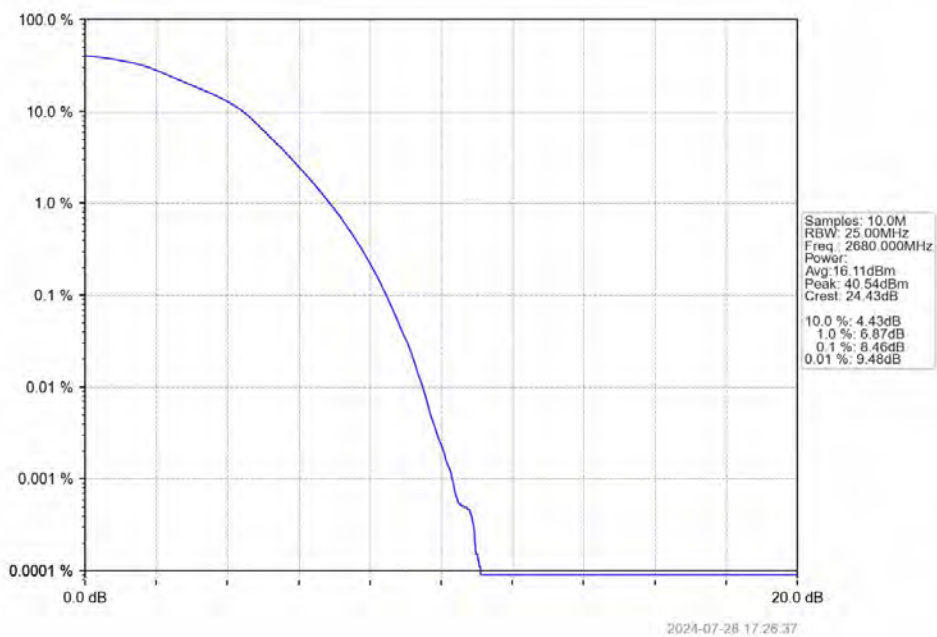
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



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 / NTV						
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
	2687.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
		25	0	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
	2687.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

6.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTV						
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
	2685	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
		50	0	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
	2685	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTV						
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
	2682.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2503.5	1	0	Refer To Test Graph		Pass

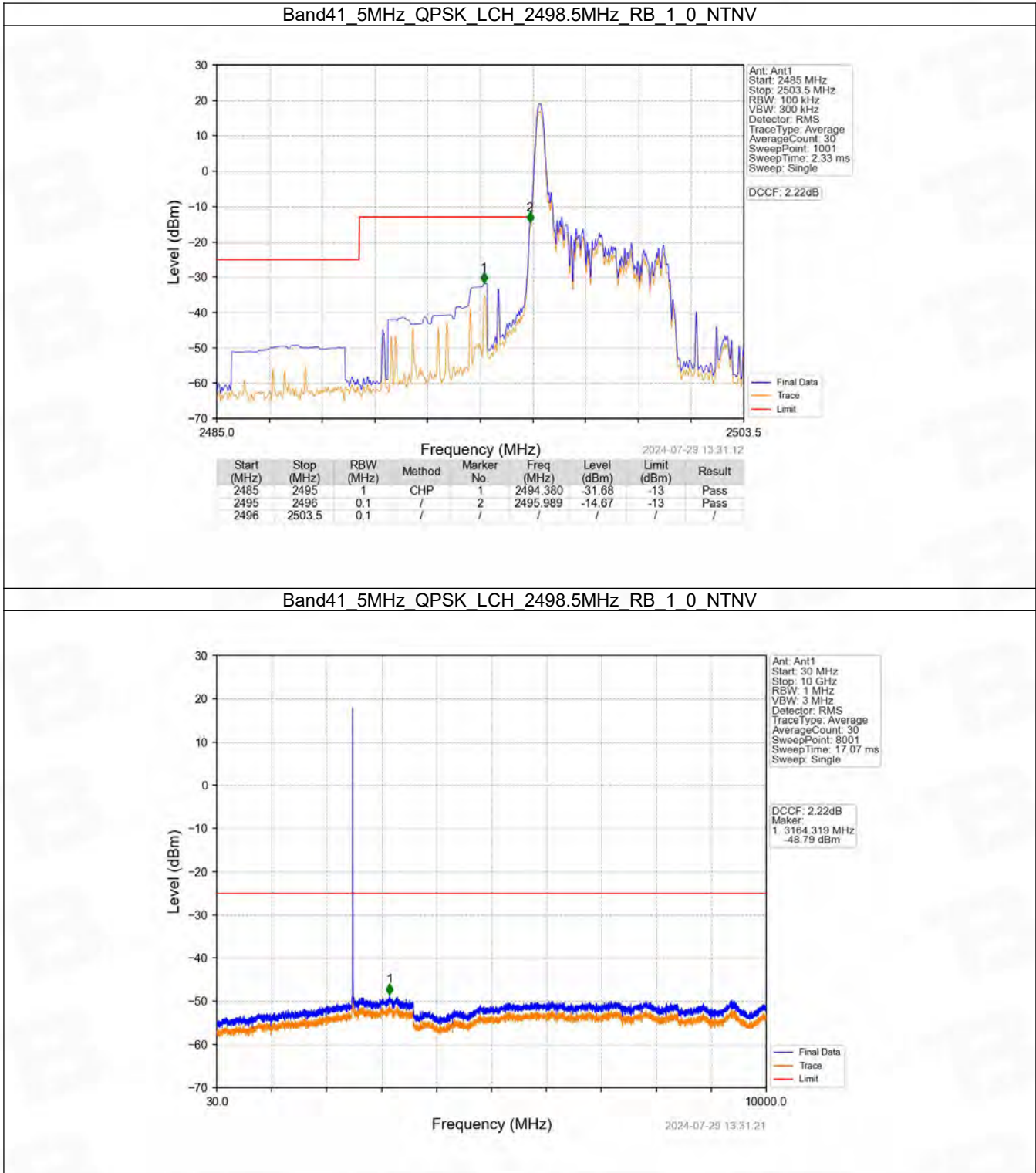
		75	0	Refer To Test Graph	Pass
	2593	1	0	Refer To Test Graph	Pass
	2682.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

6.1.4 B41_20MHz

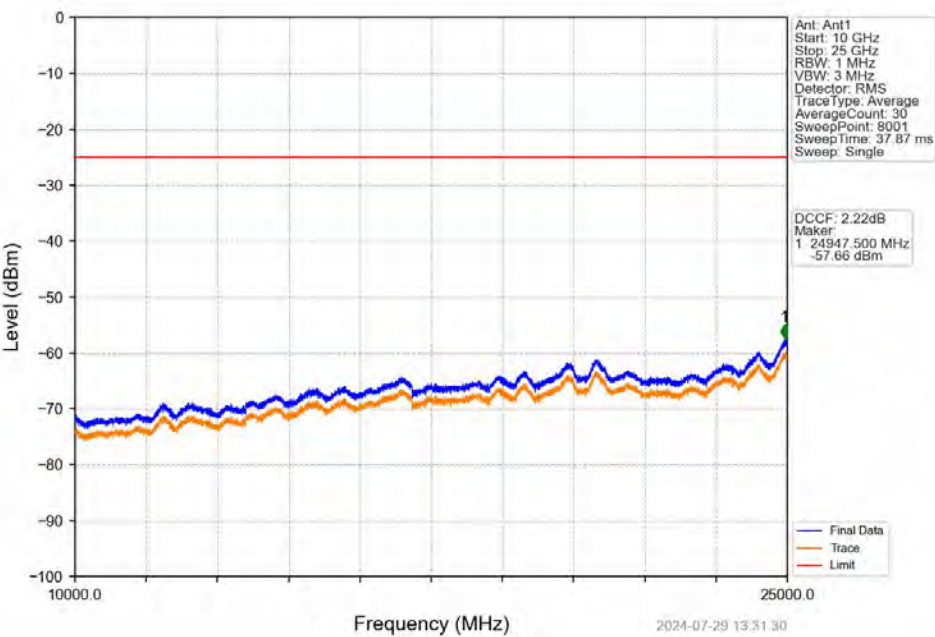
Band: 41 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

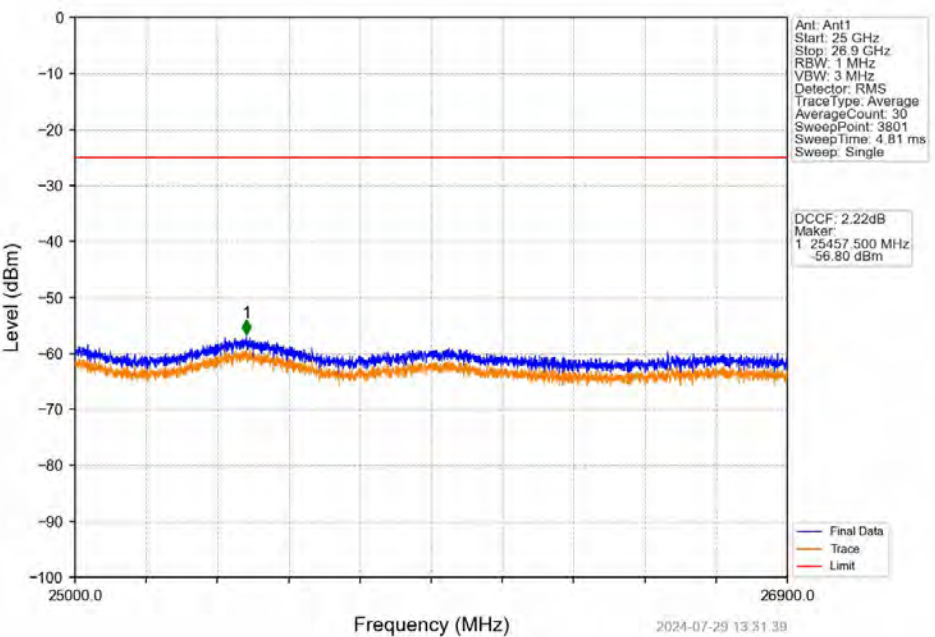
6.2.1 B41_5MHz



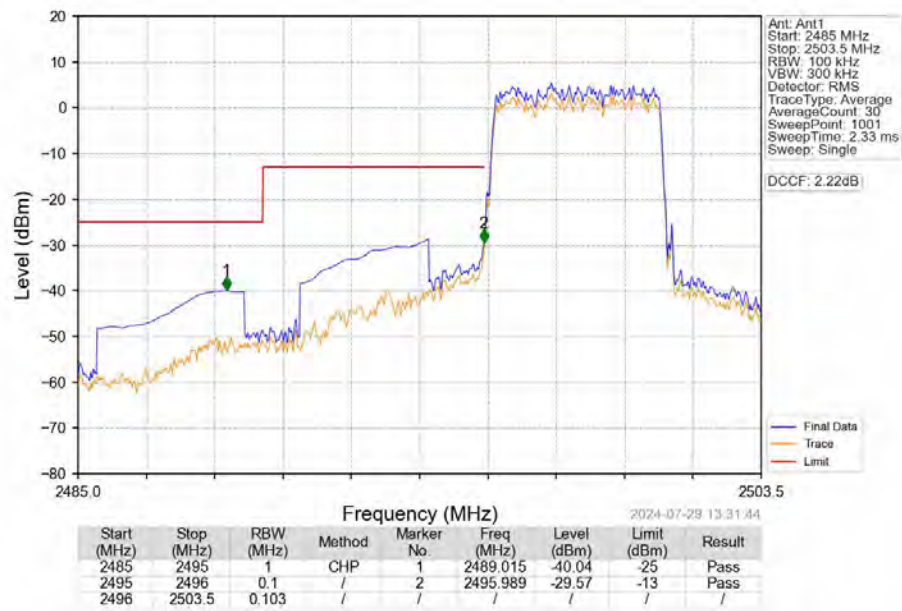
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



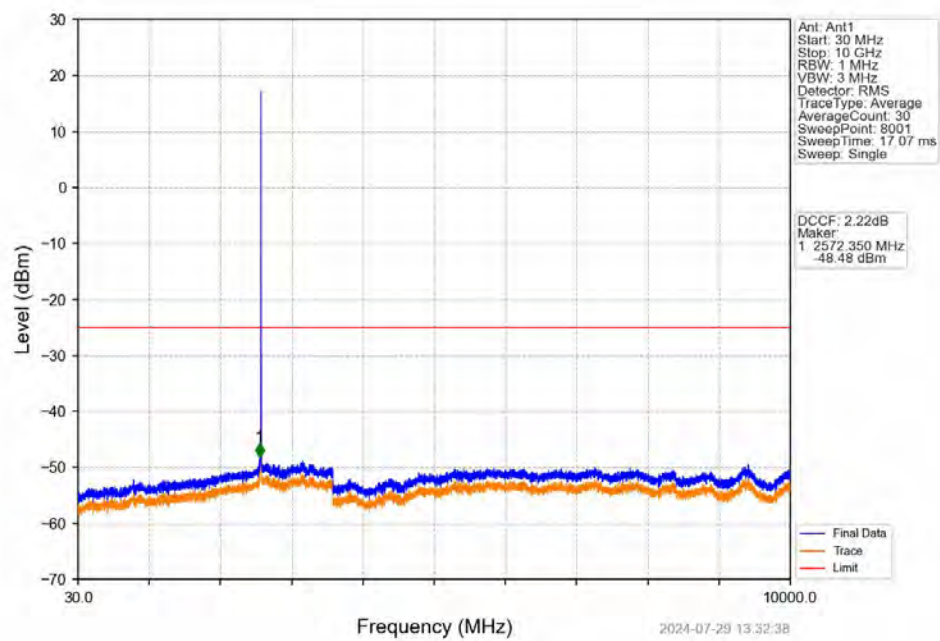
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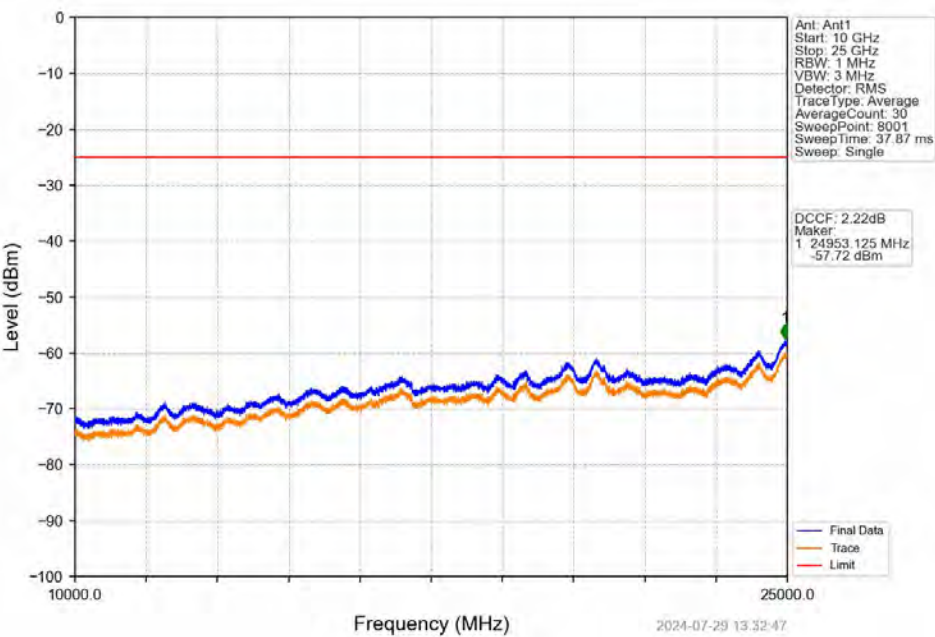
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



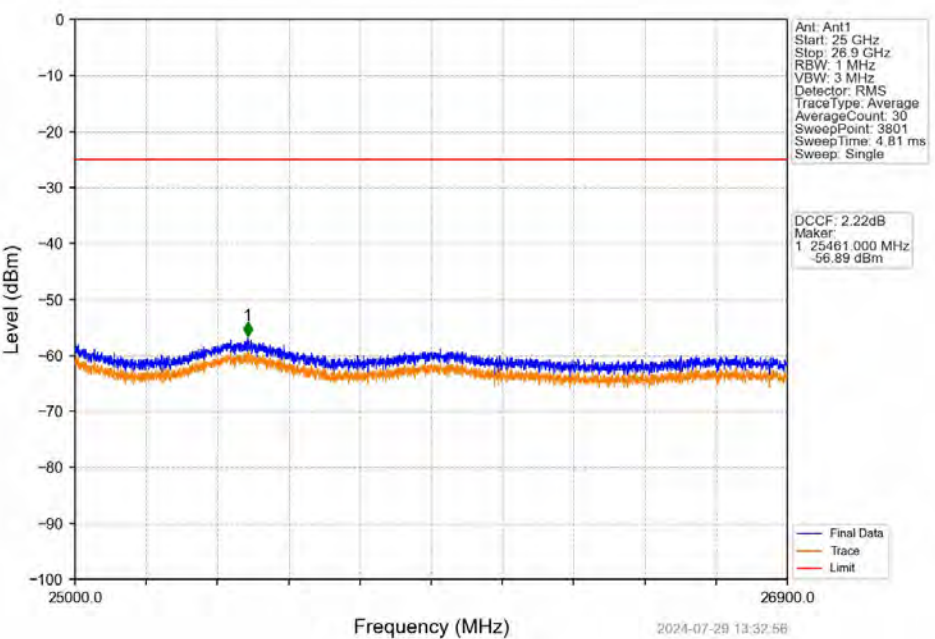
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



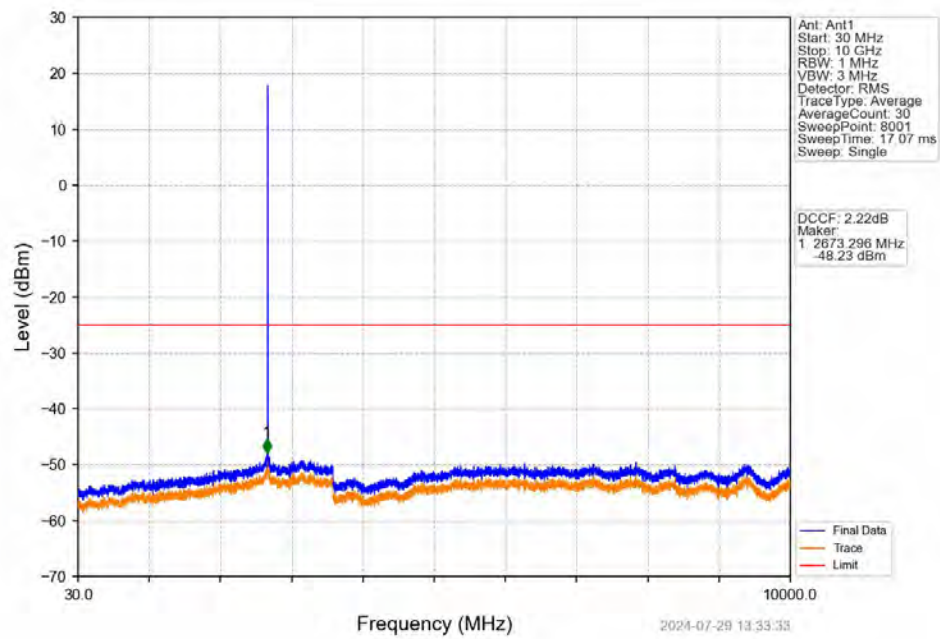
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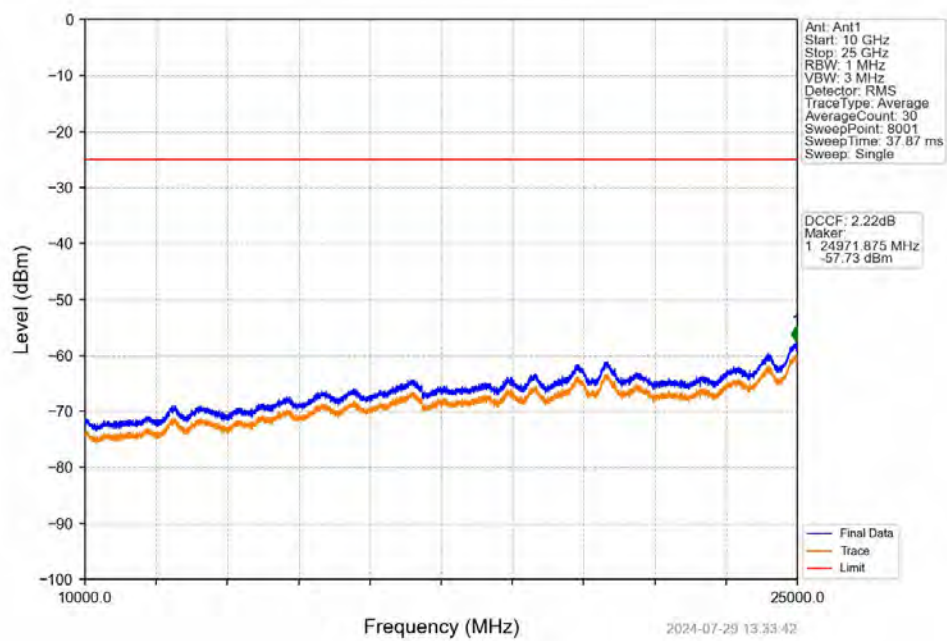
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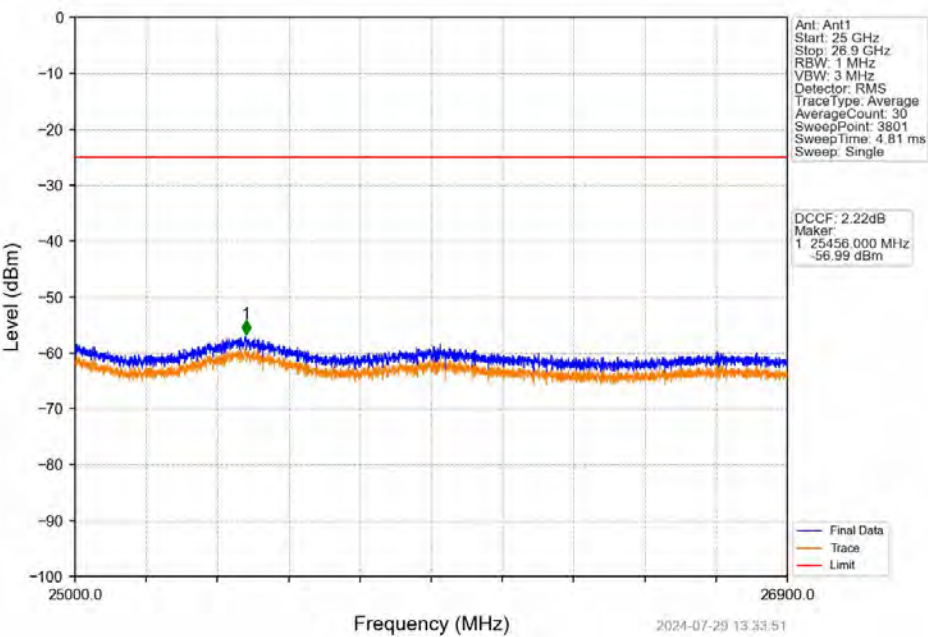
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



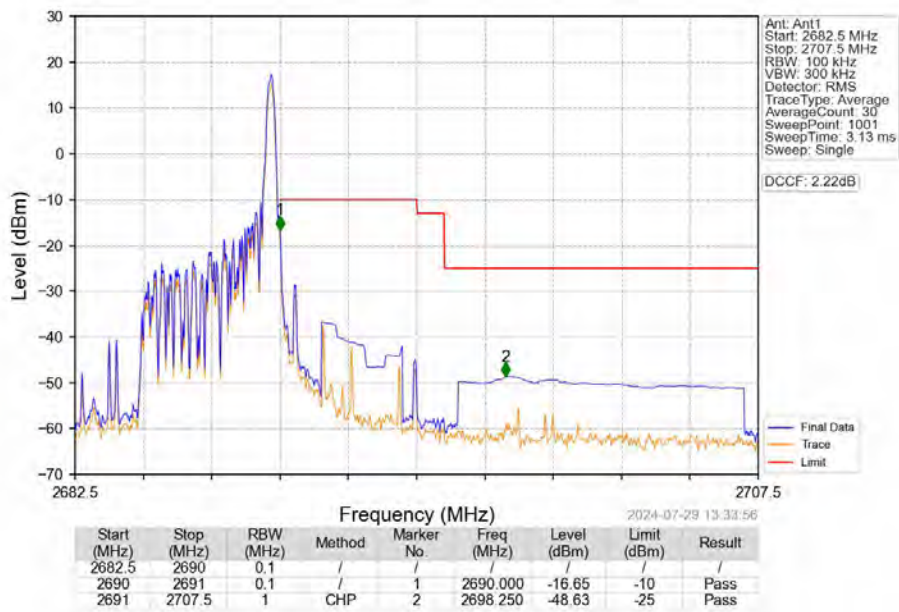
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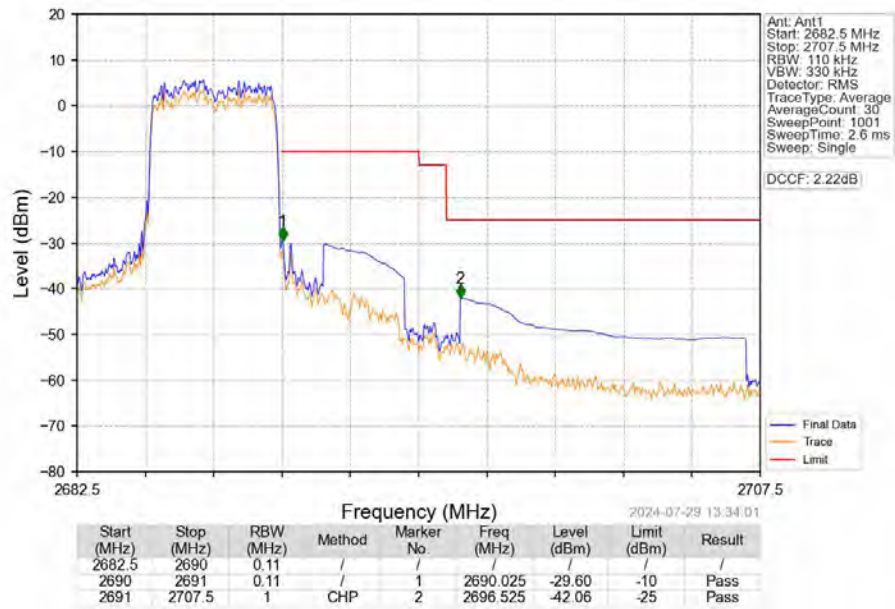
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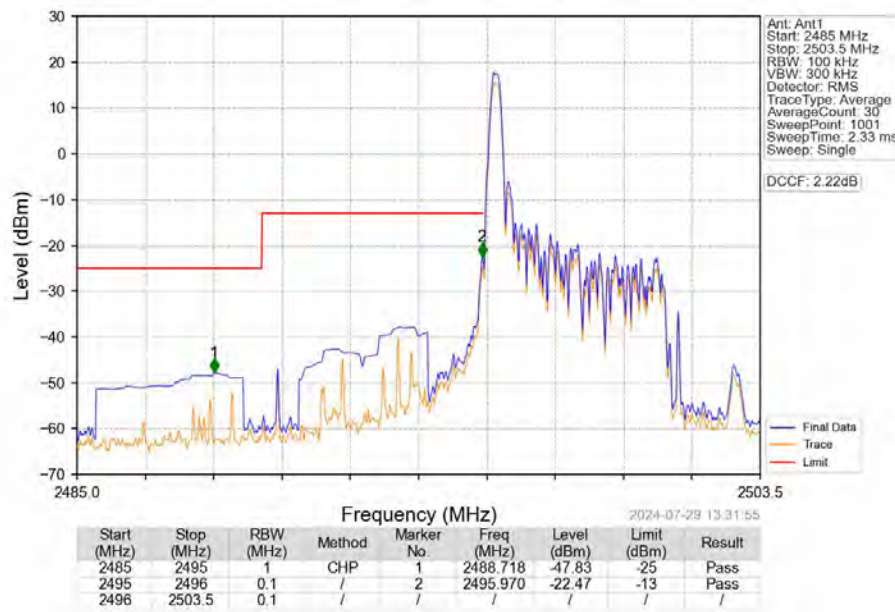
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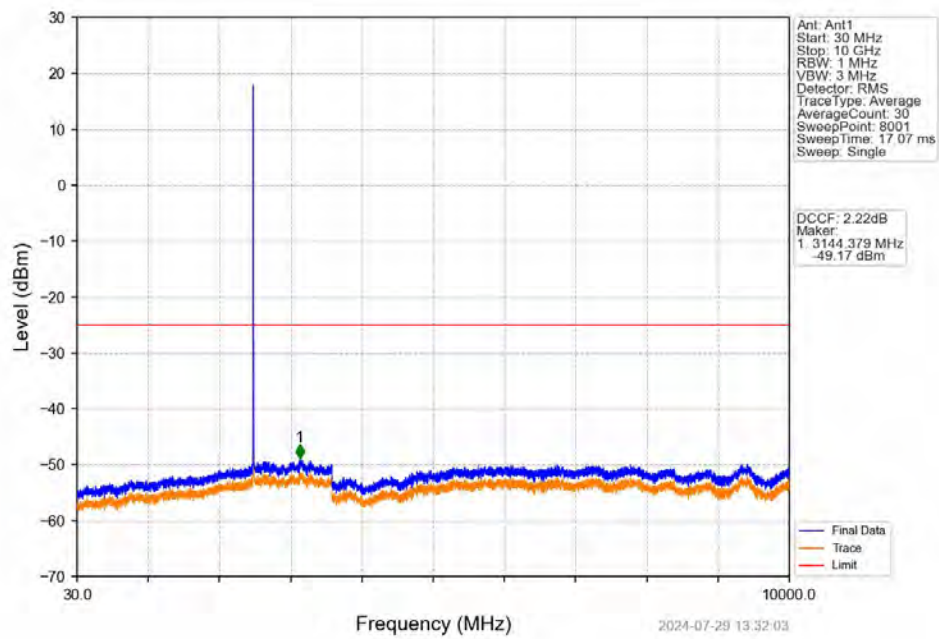
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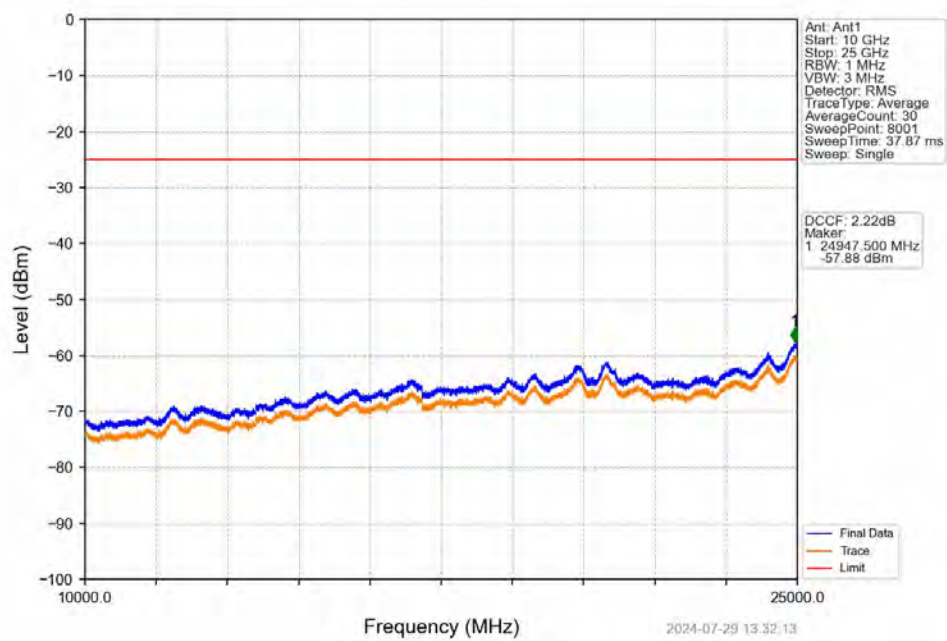
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



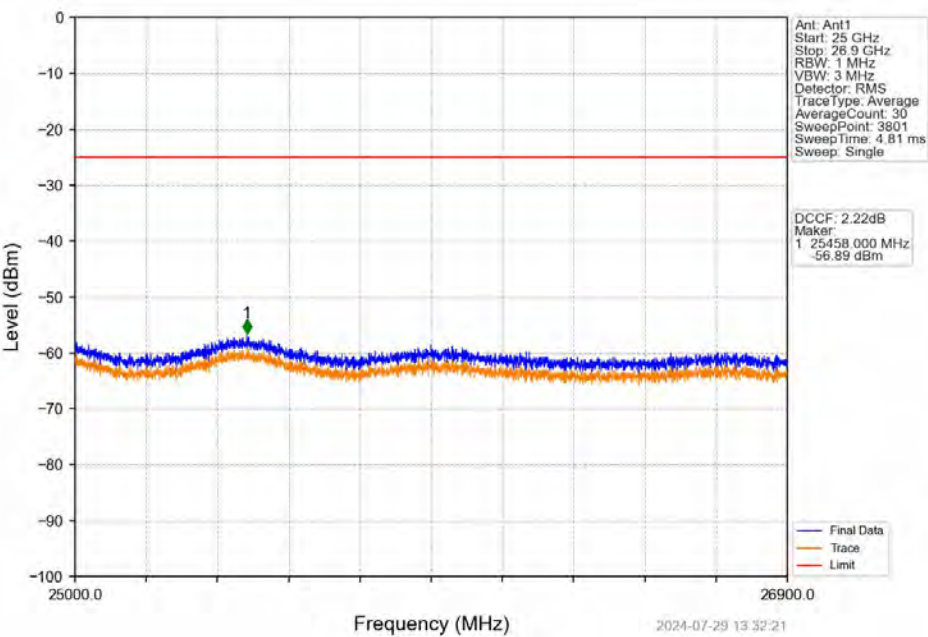
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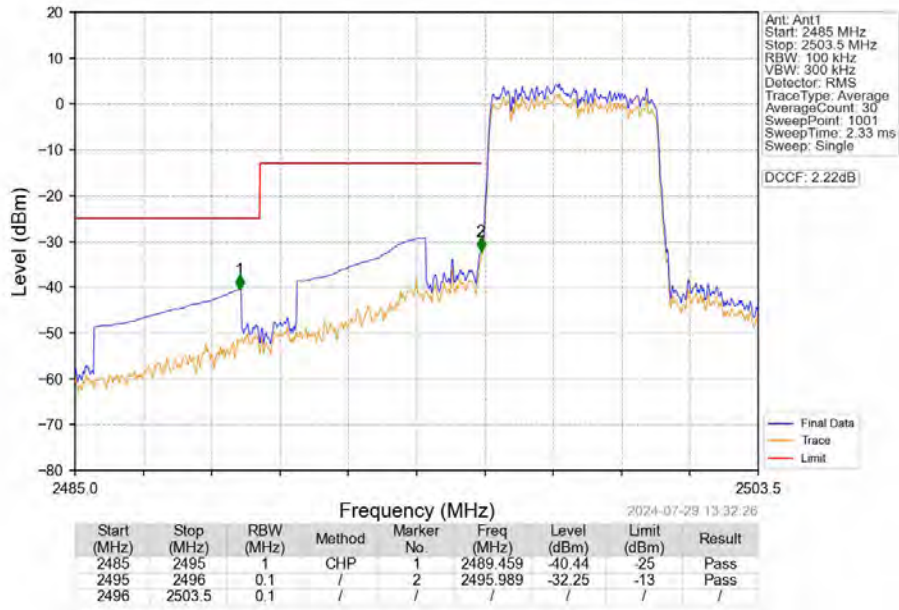
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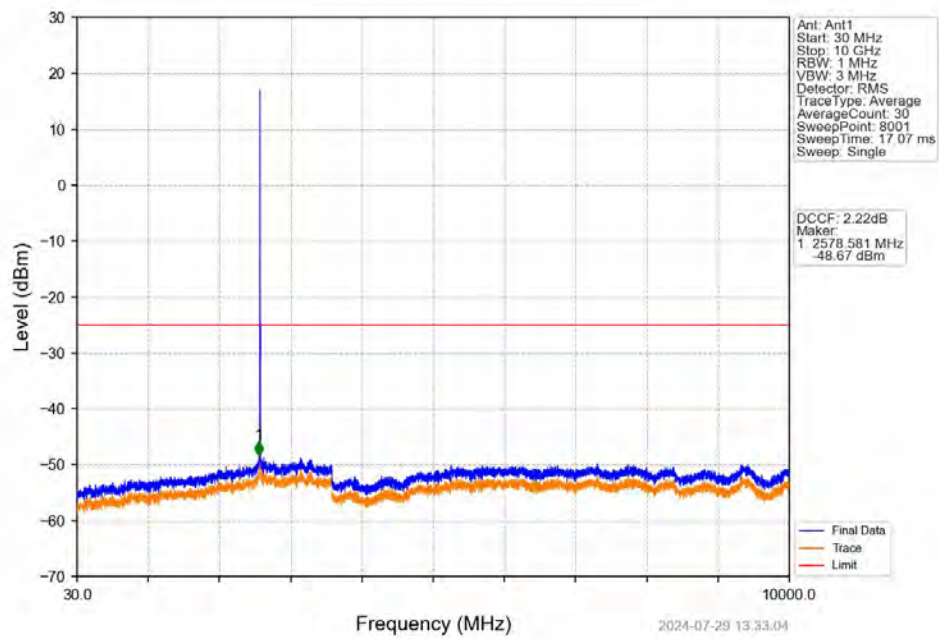
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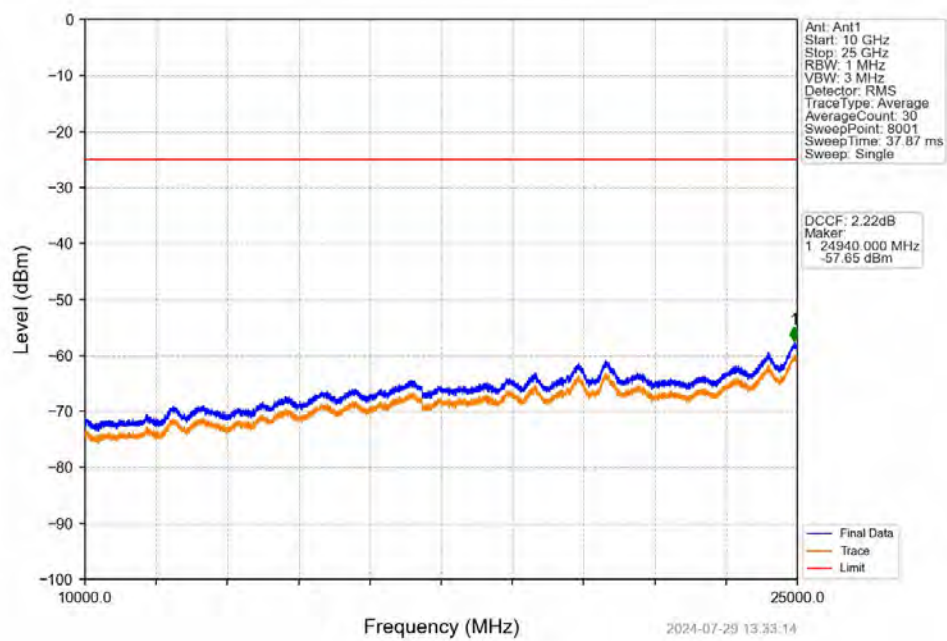
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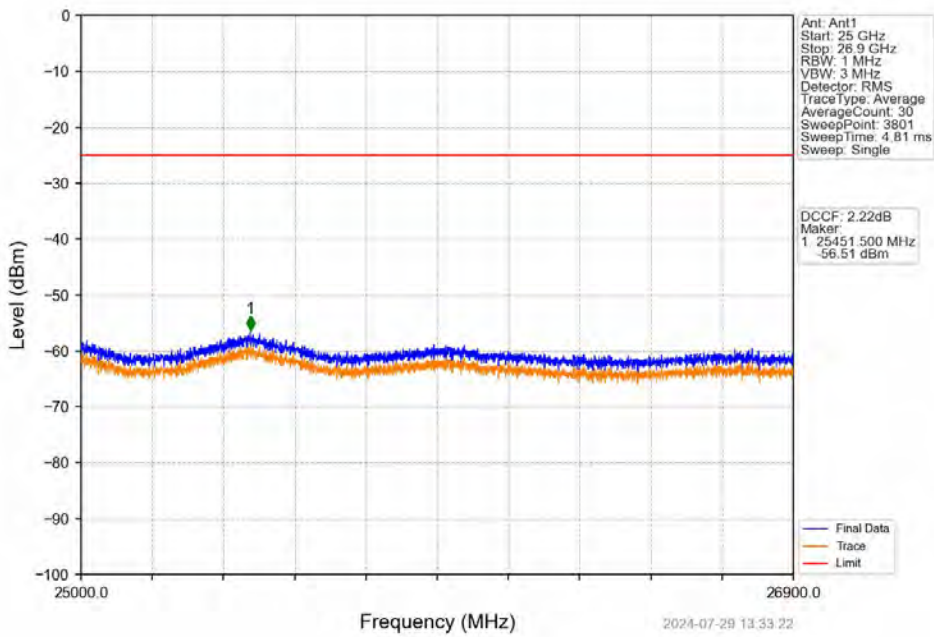
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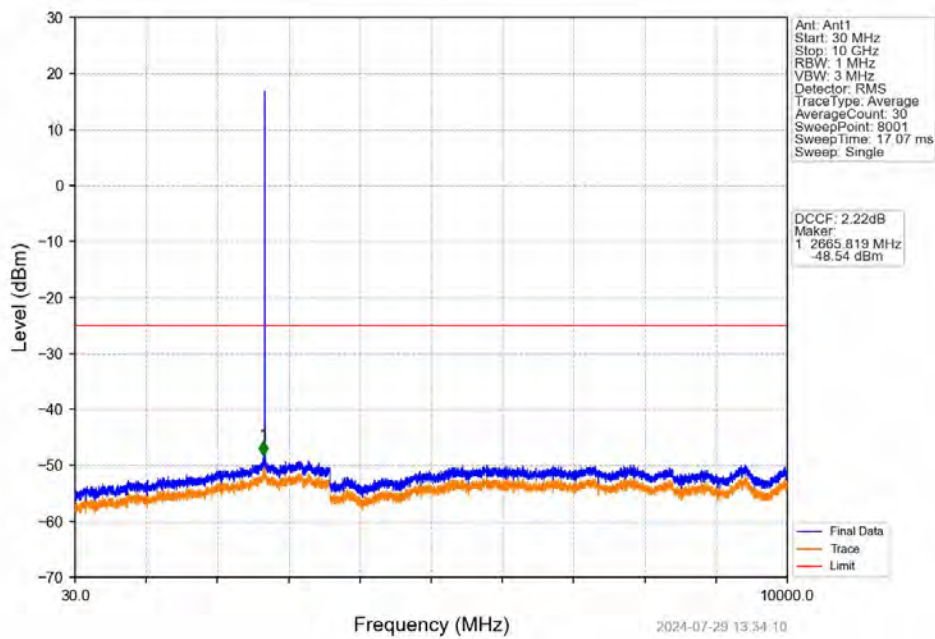
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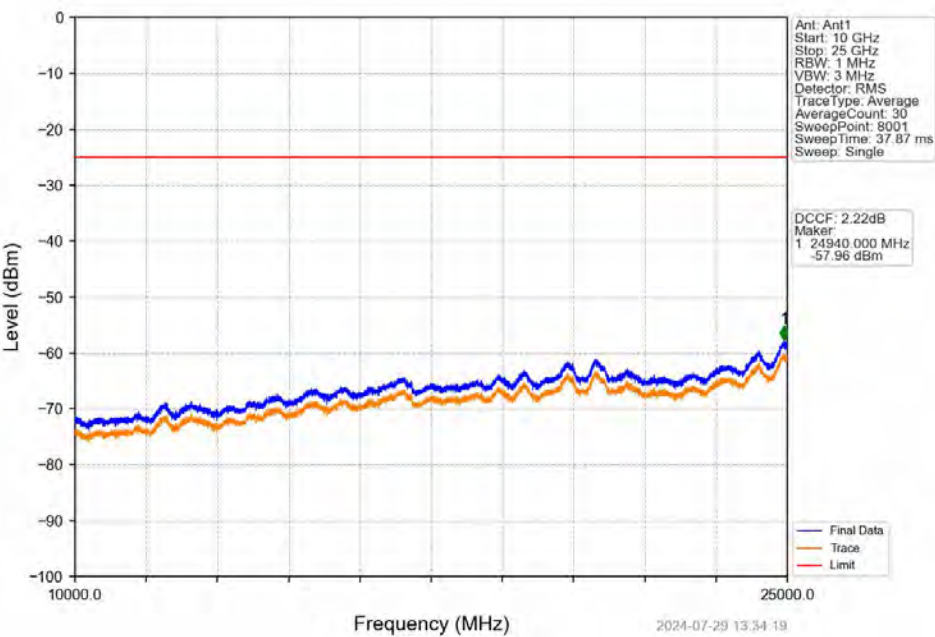
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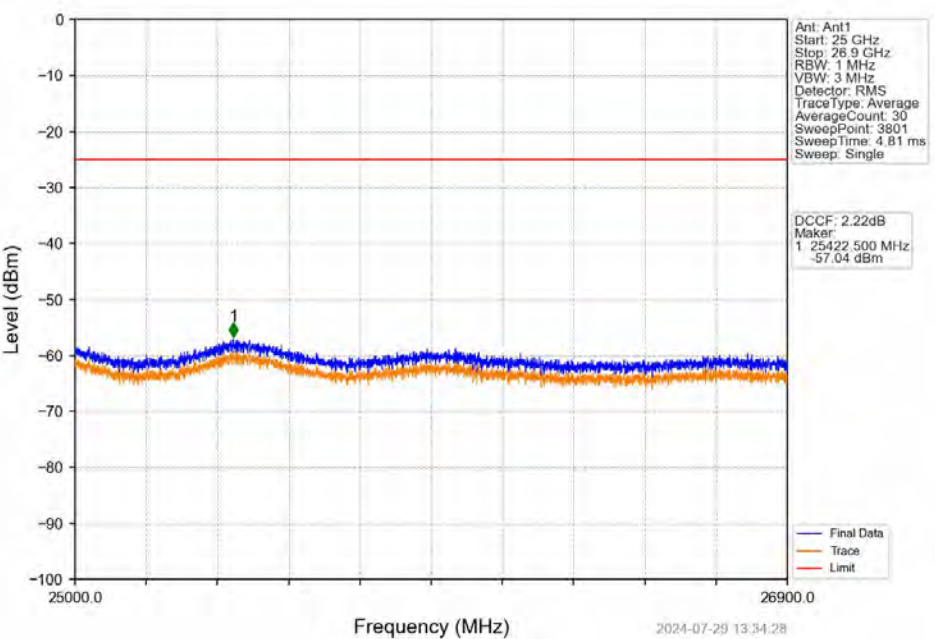
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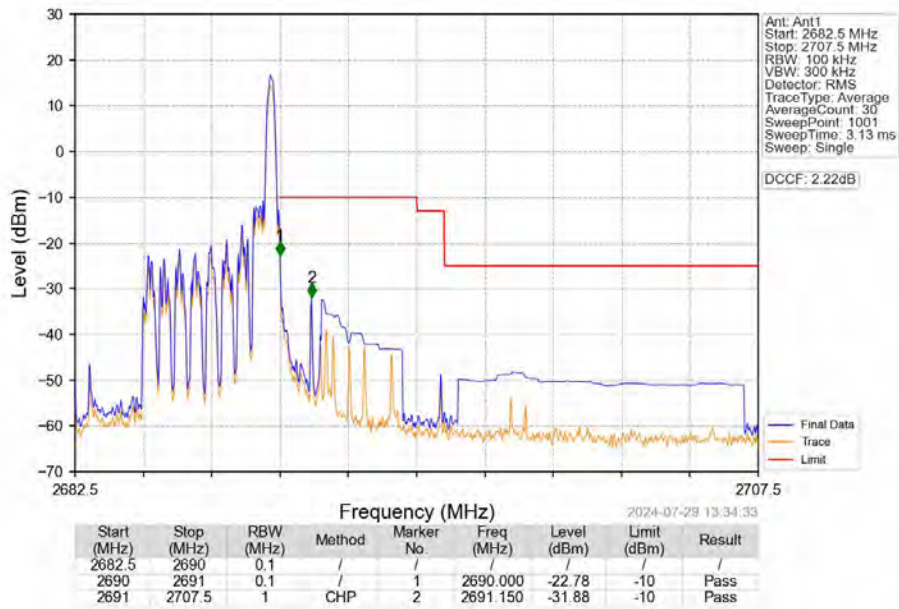
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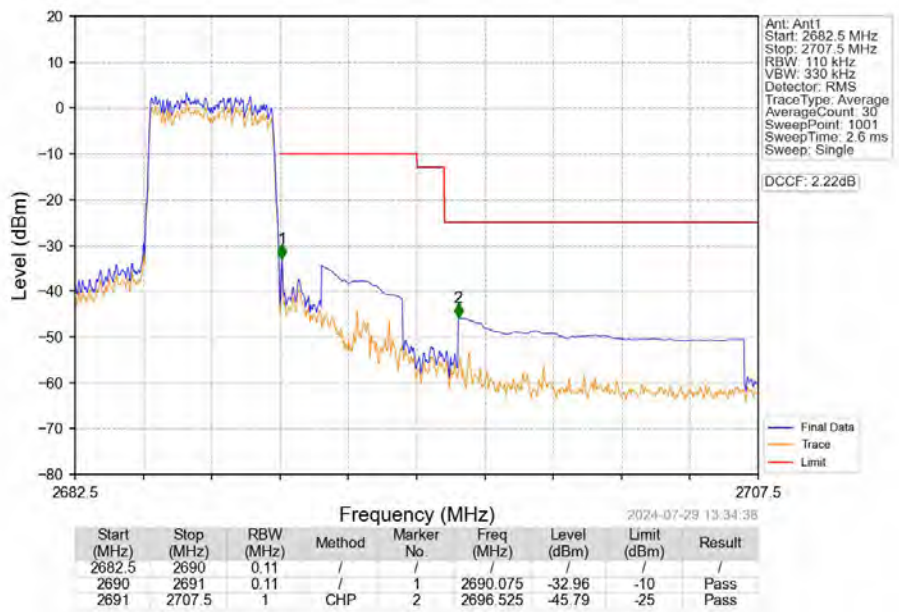
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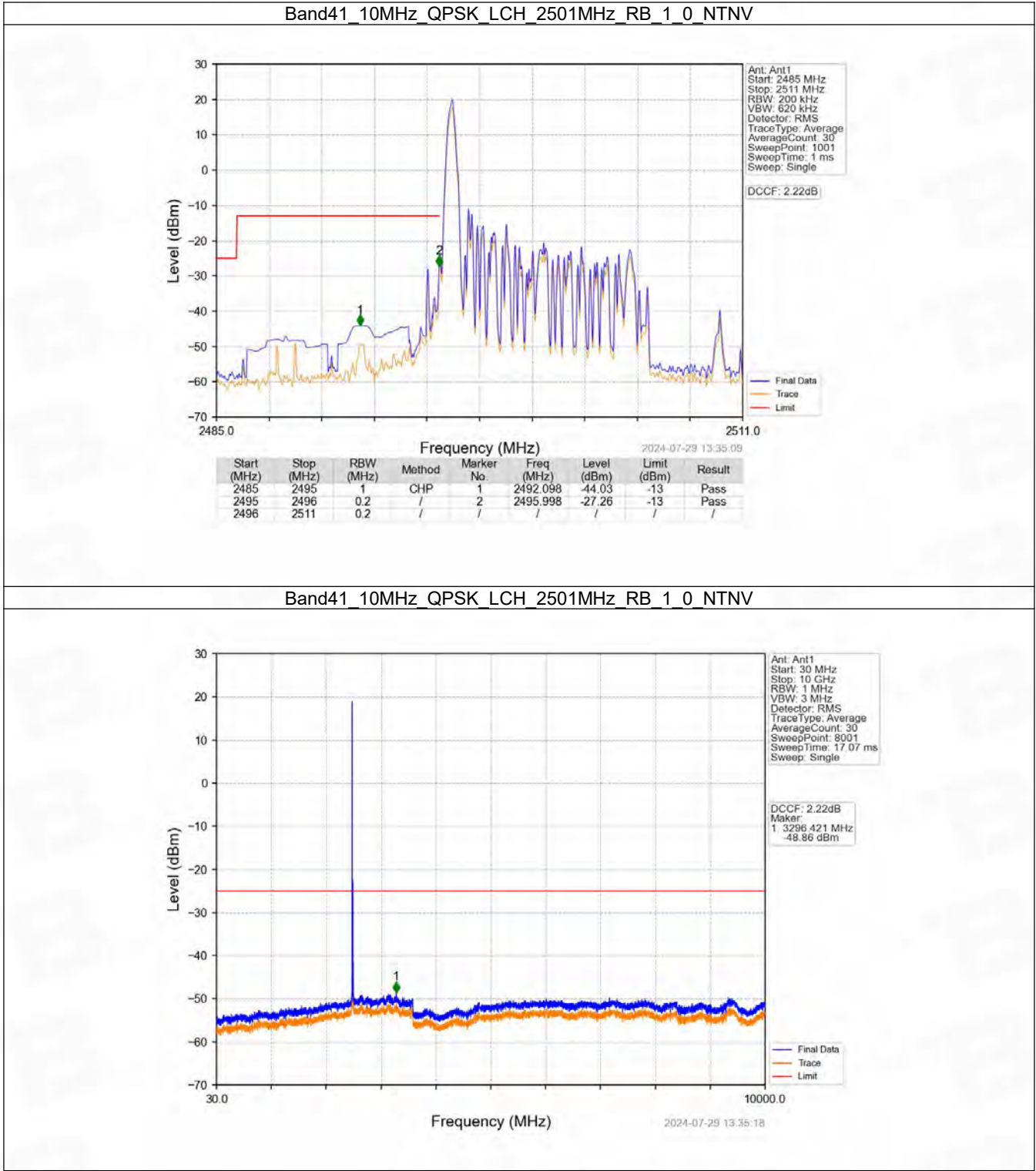
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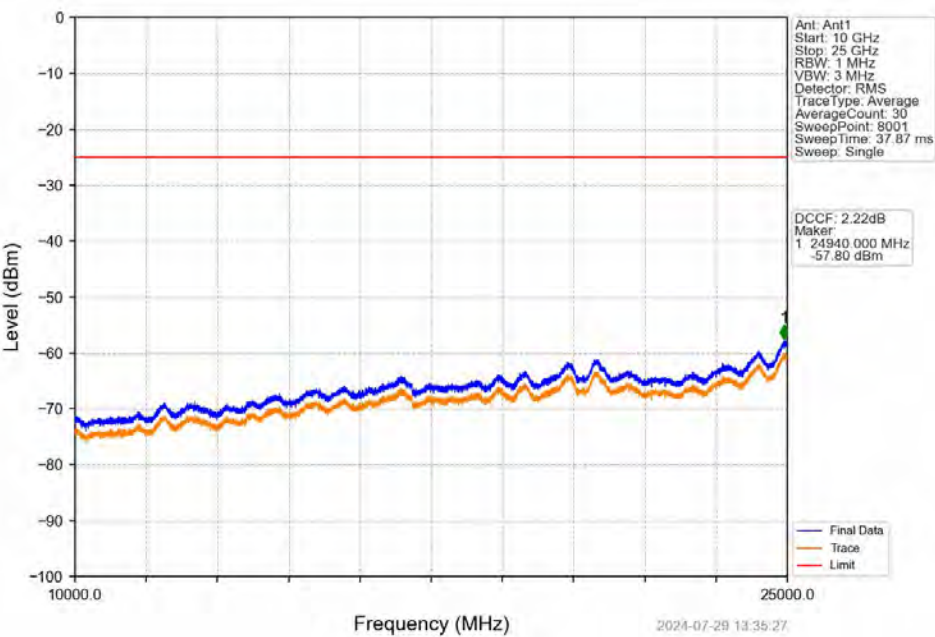
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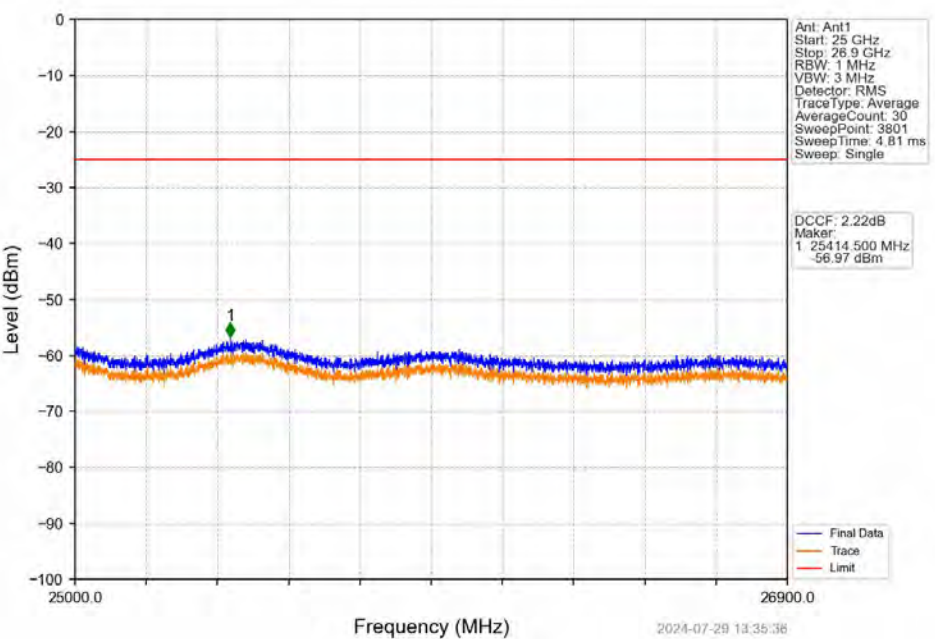
6.2.2 B41_10MHz



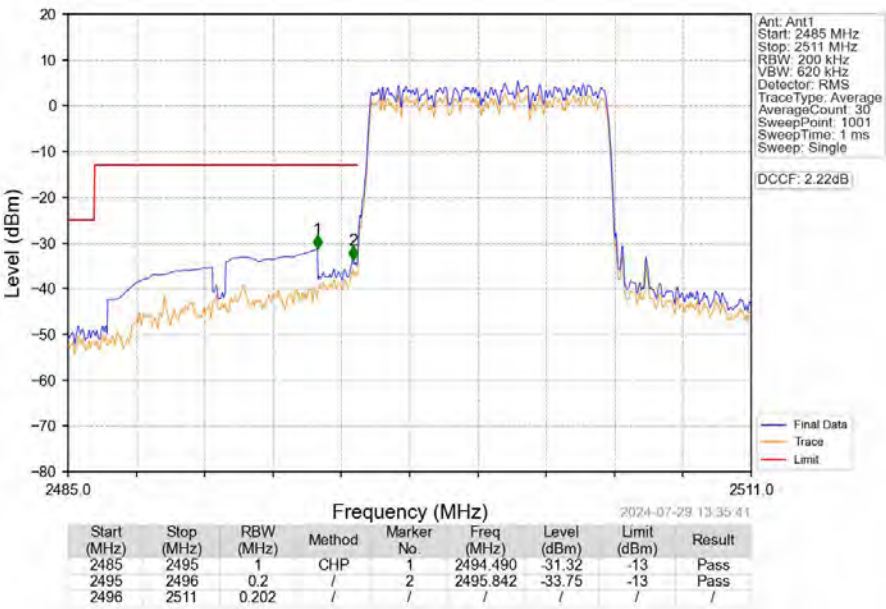
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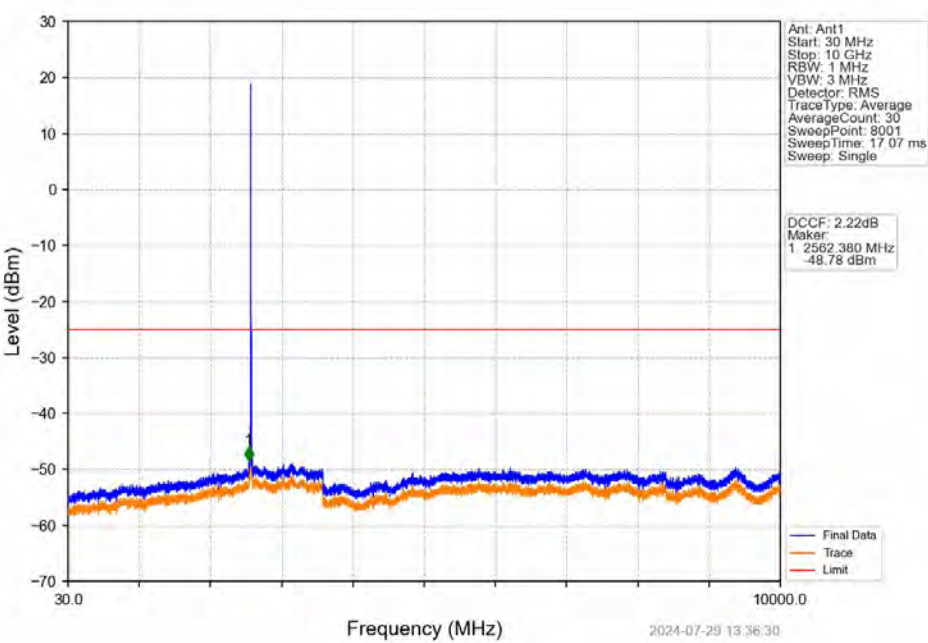
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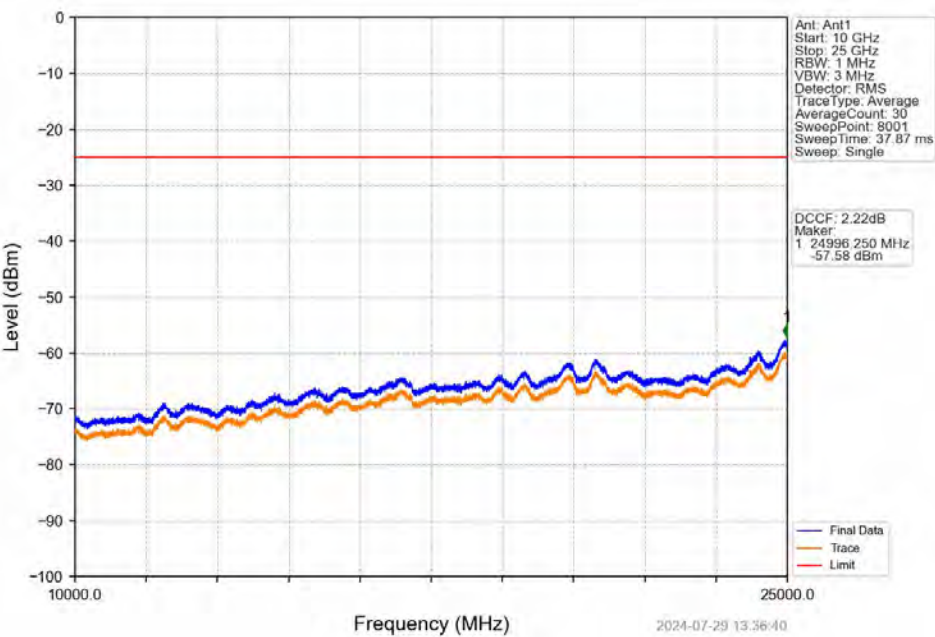
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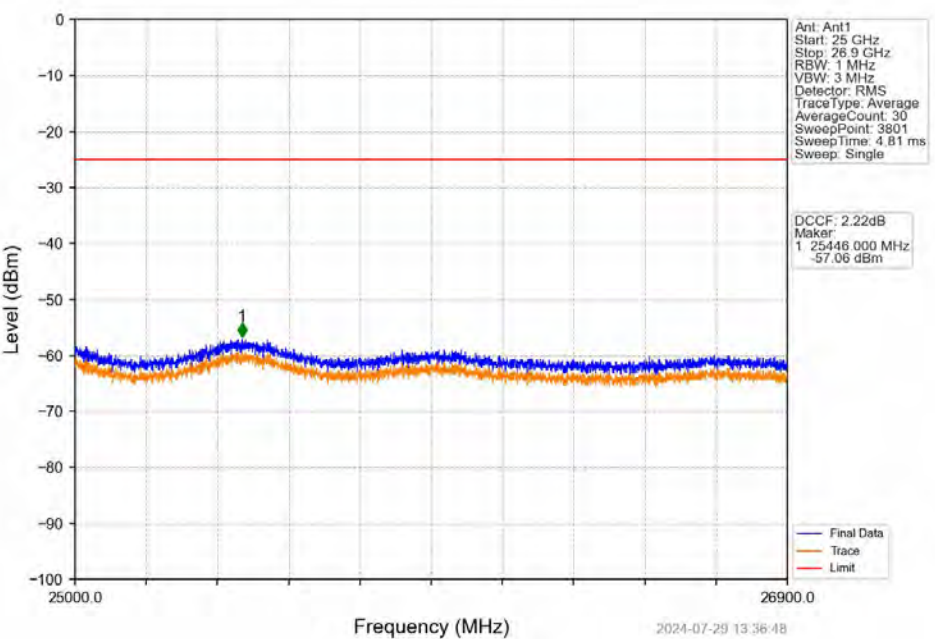
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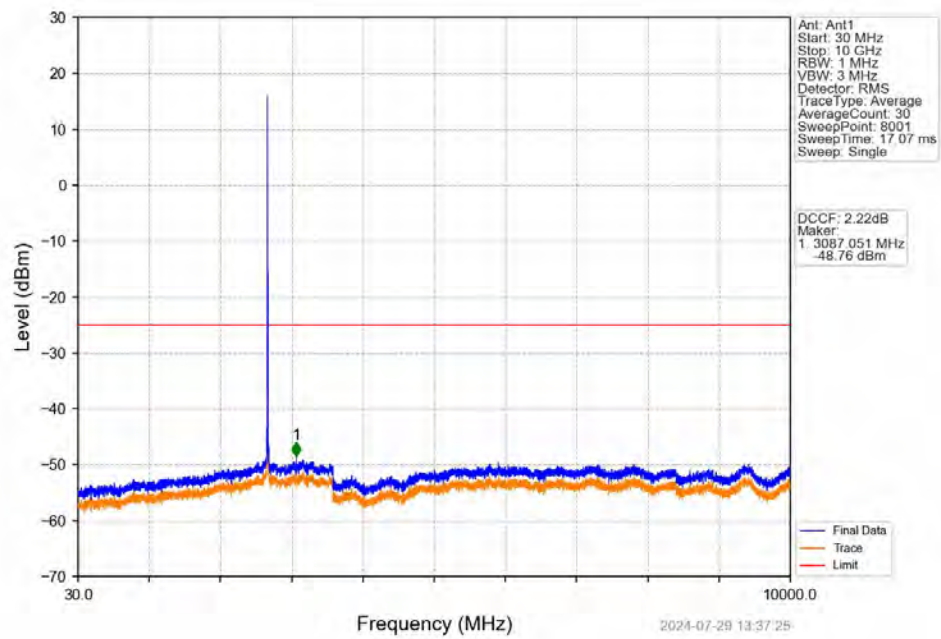
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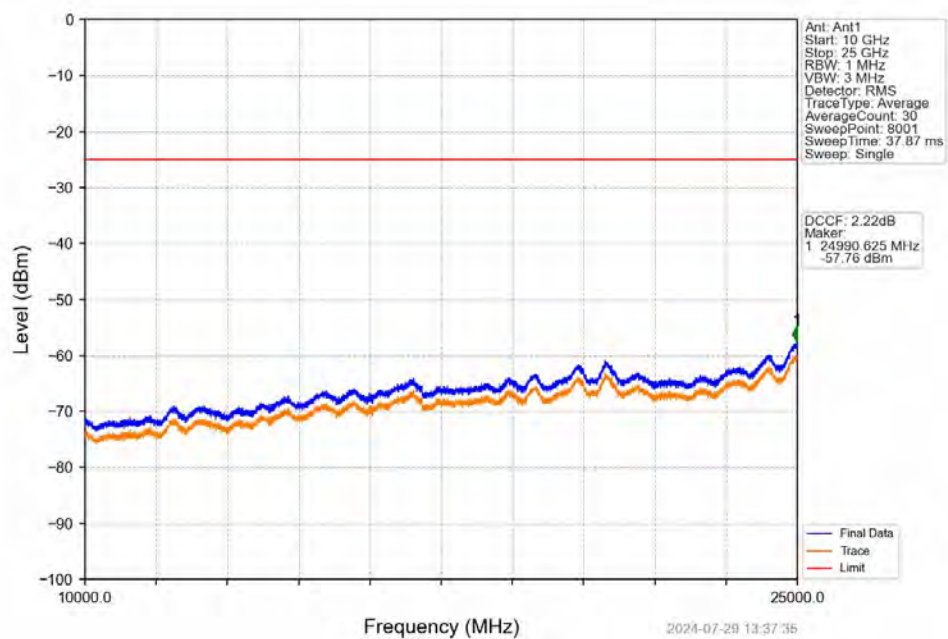
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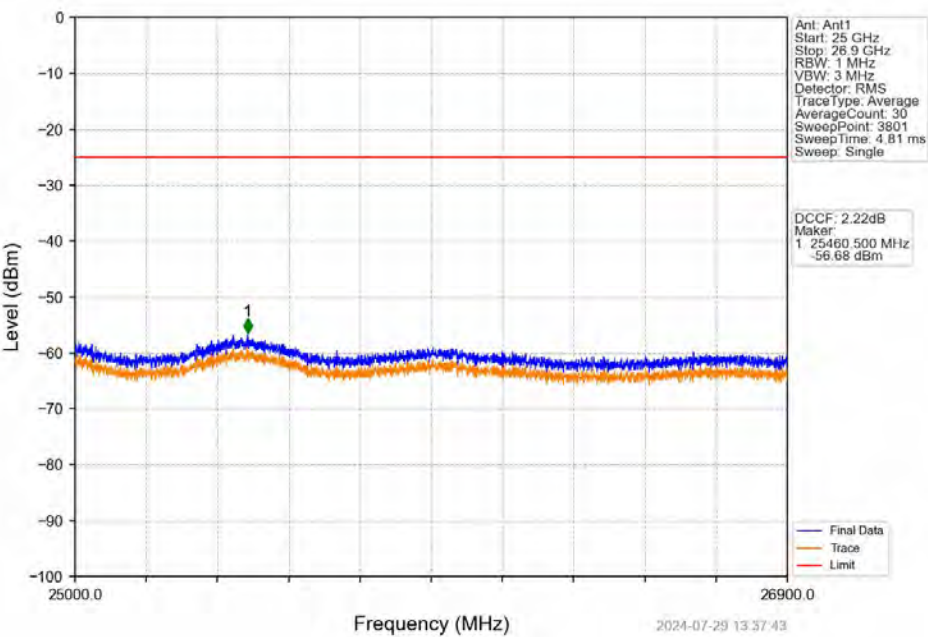
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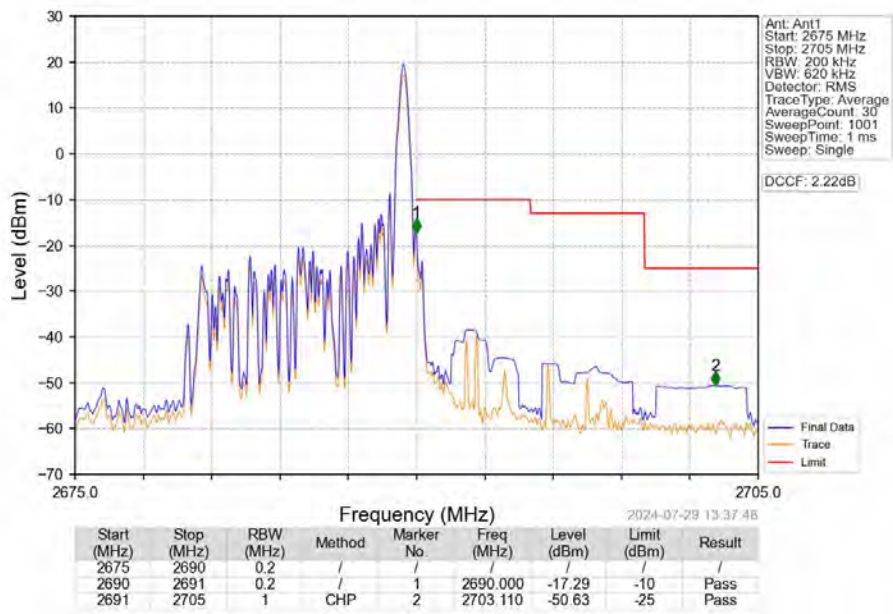
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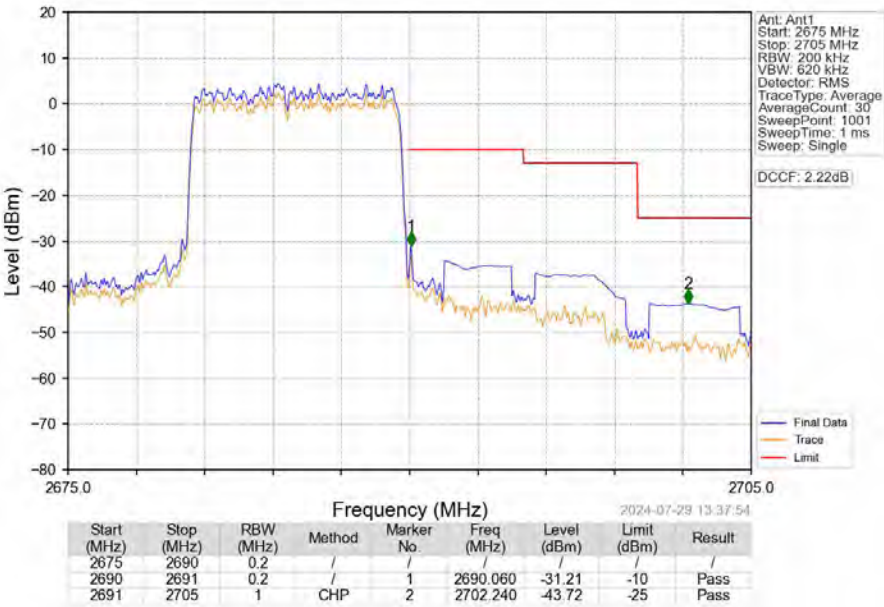
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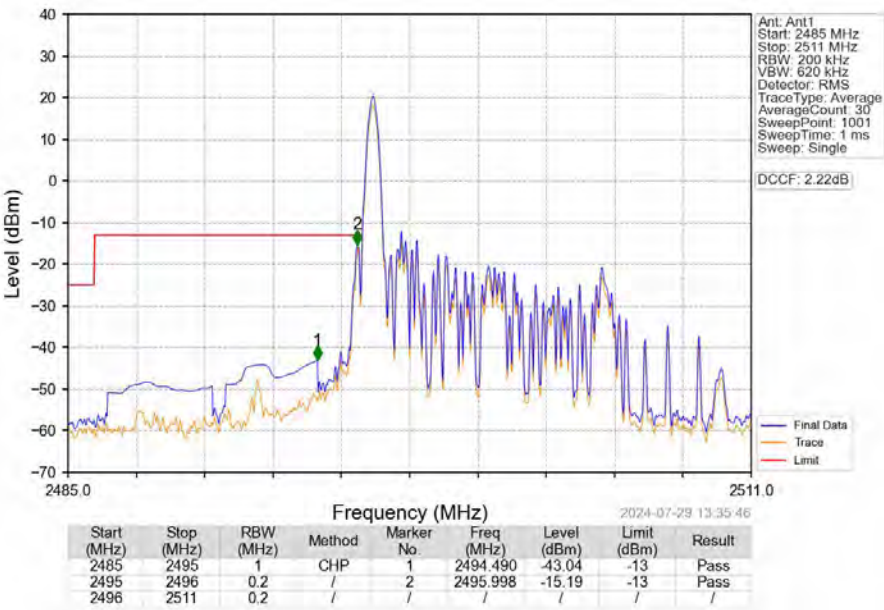
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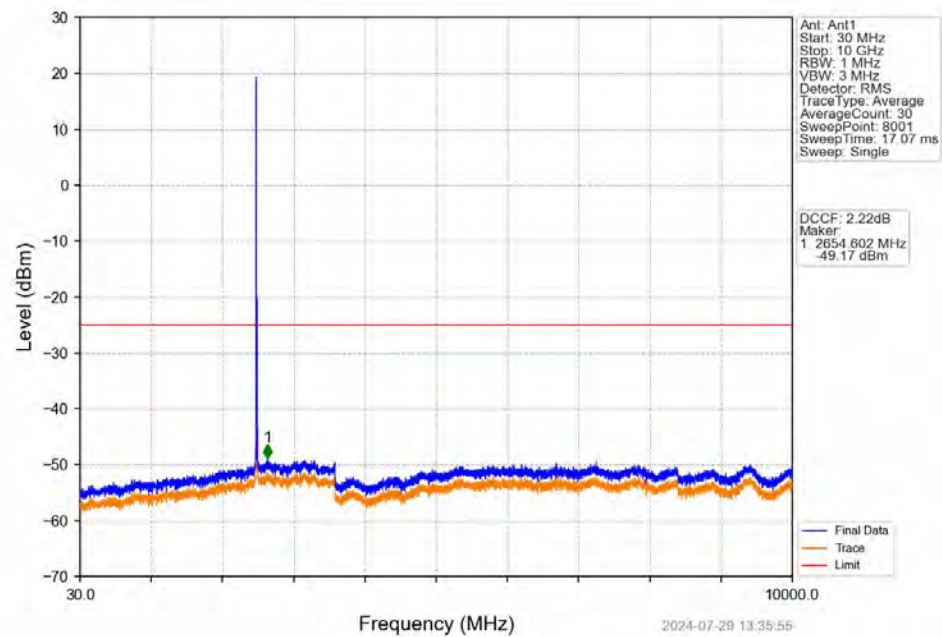
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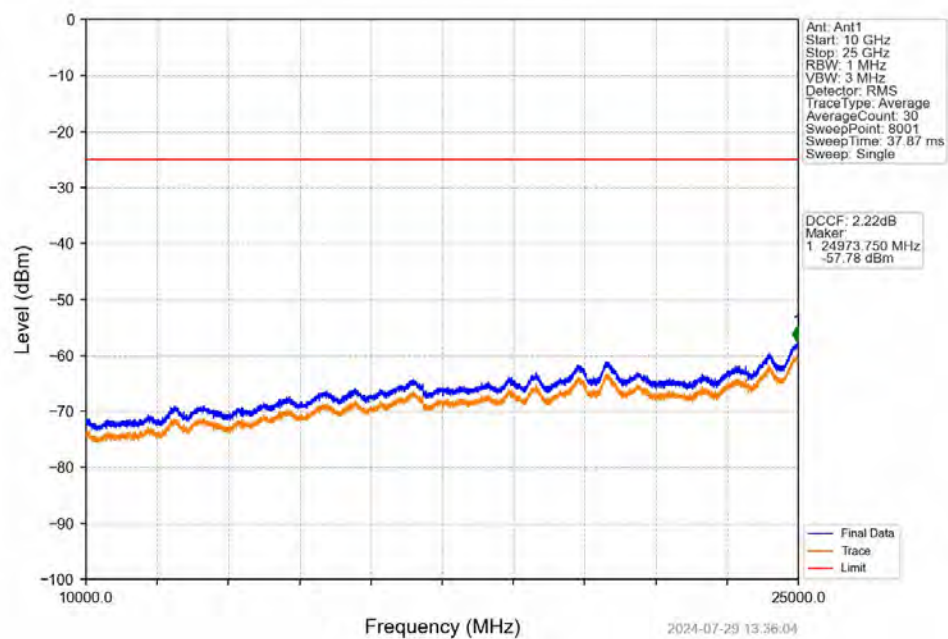
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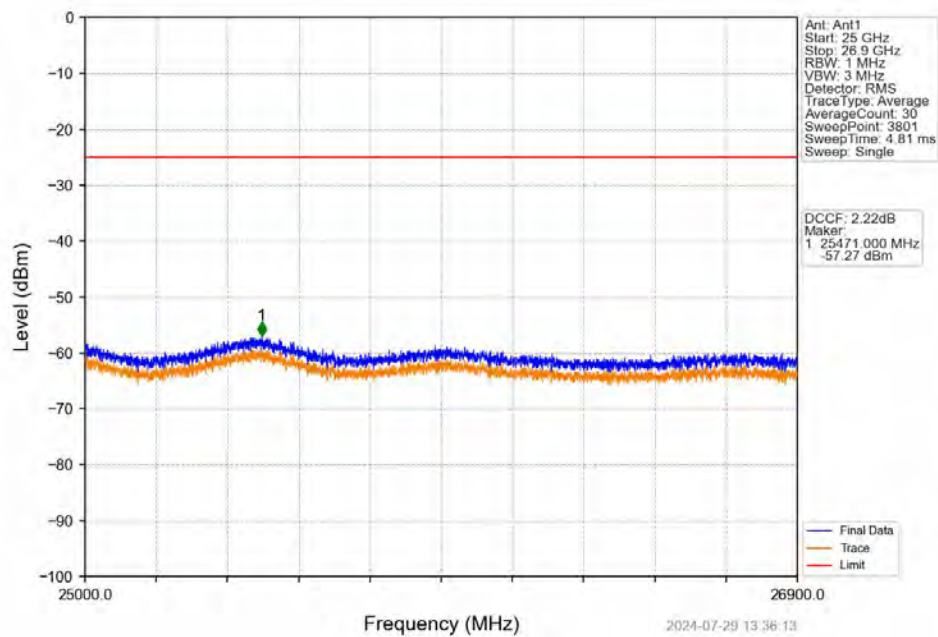
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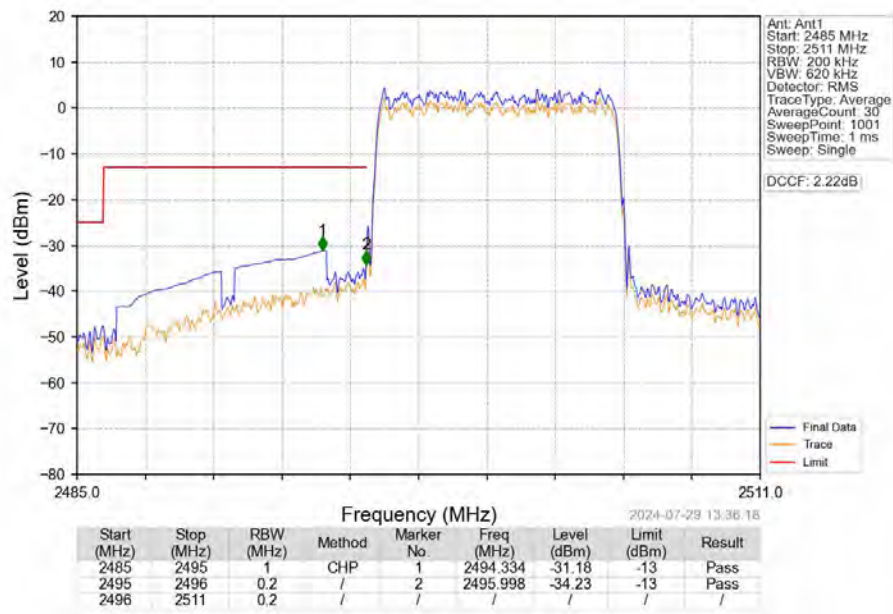
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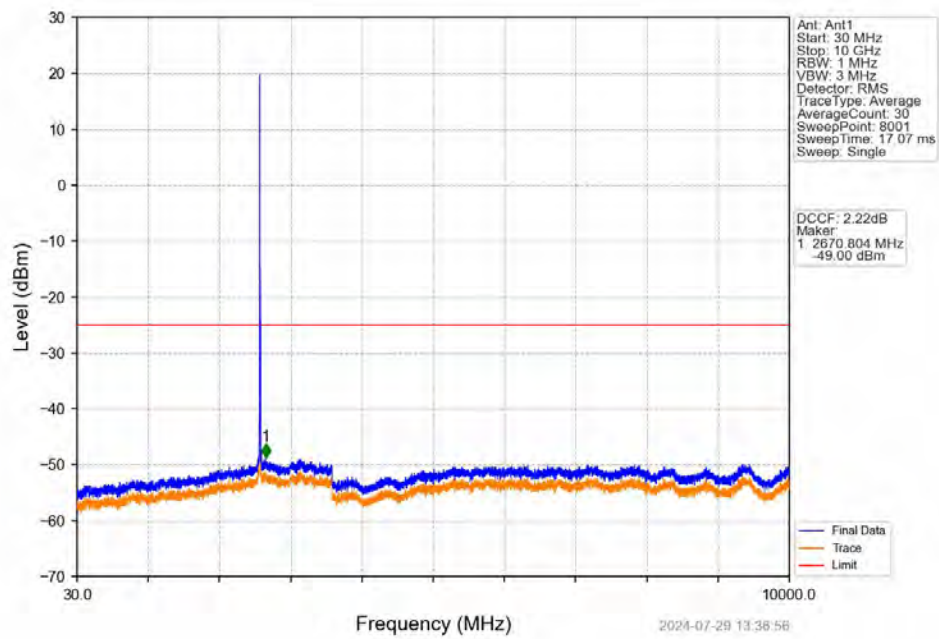
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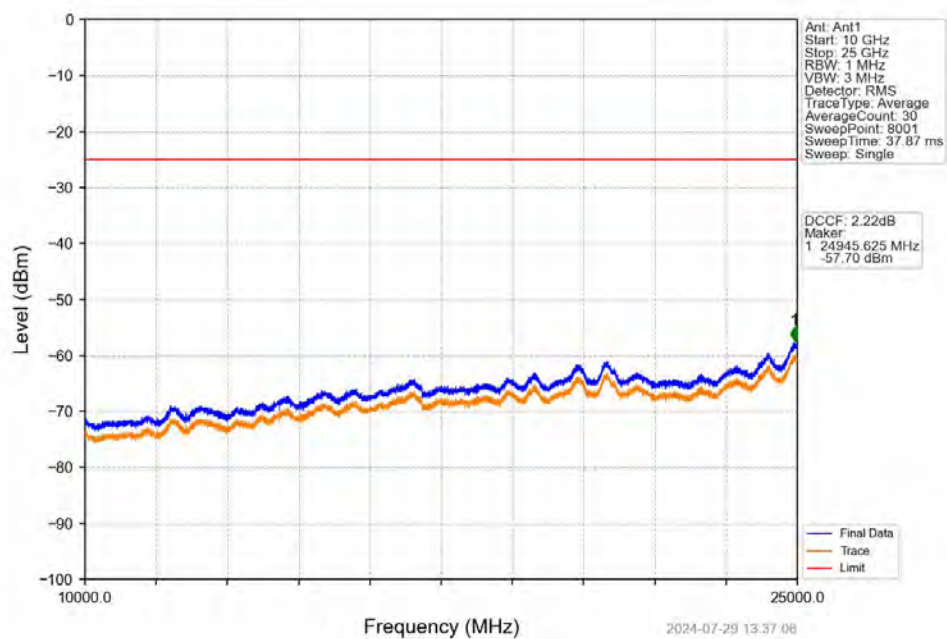
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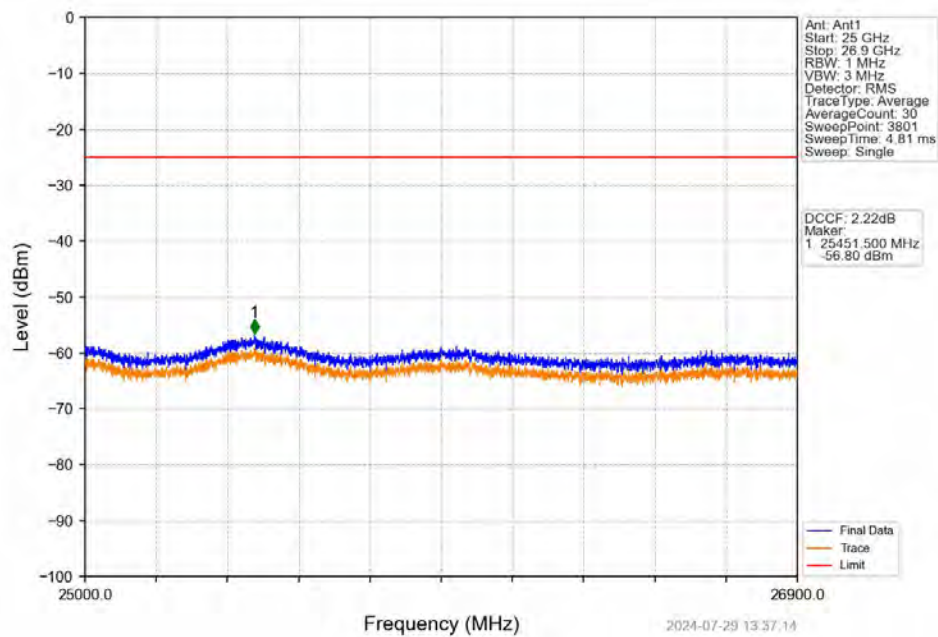
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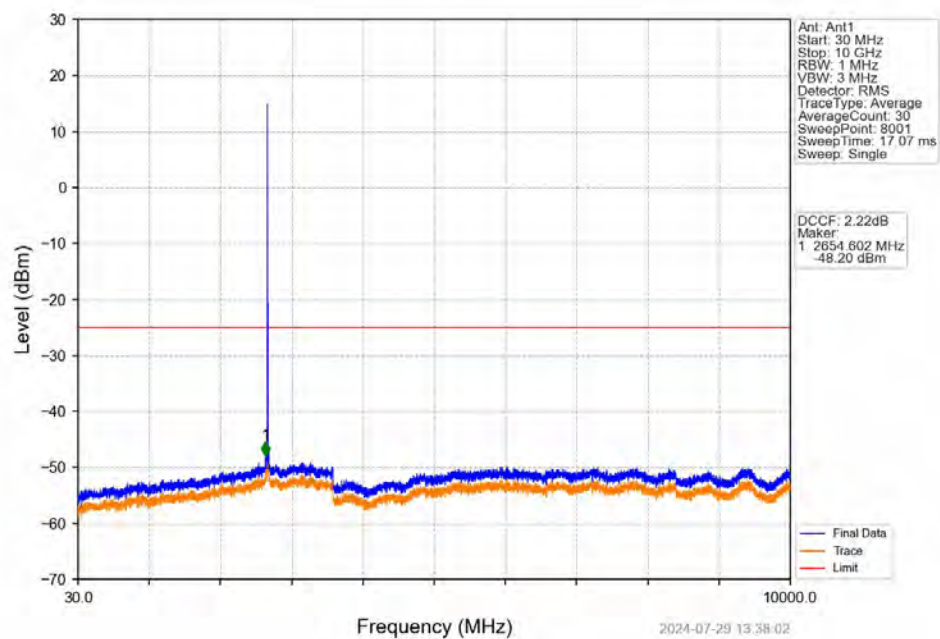
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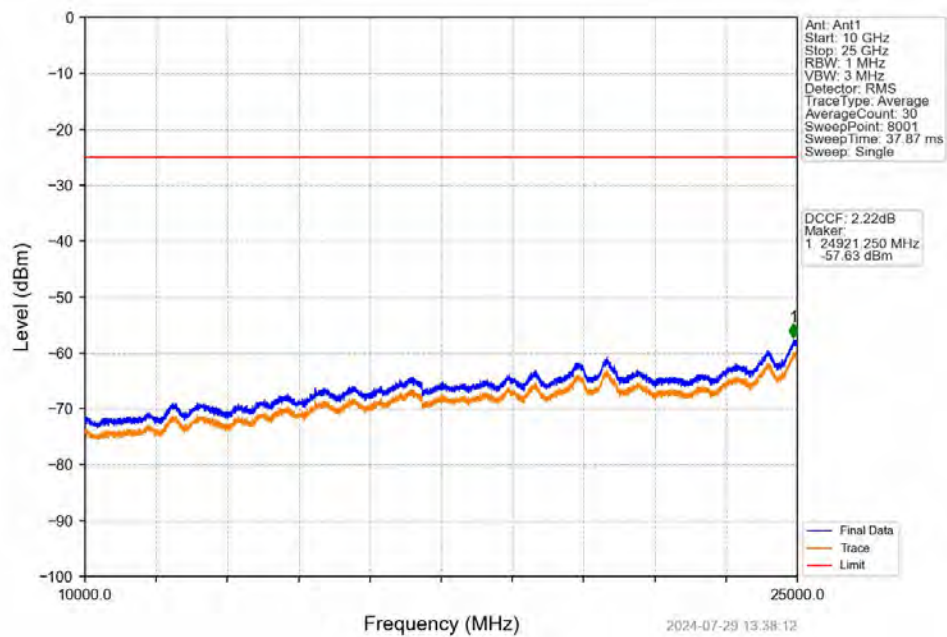
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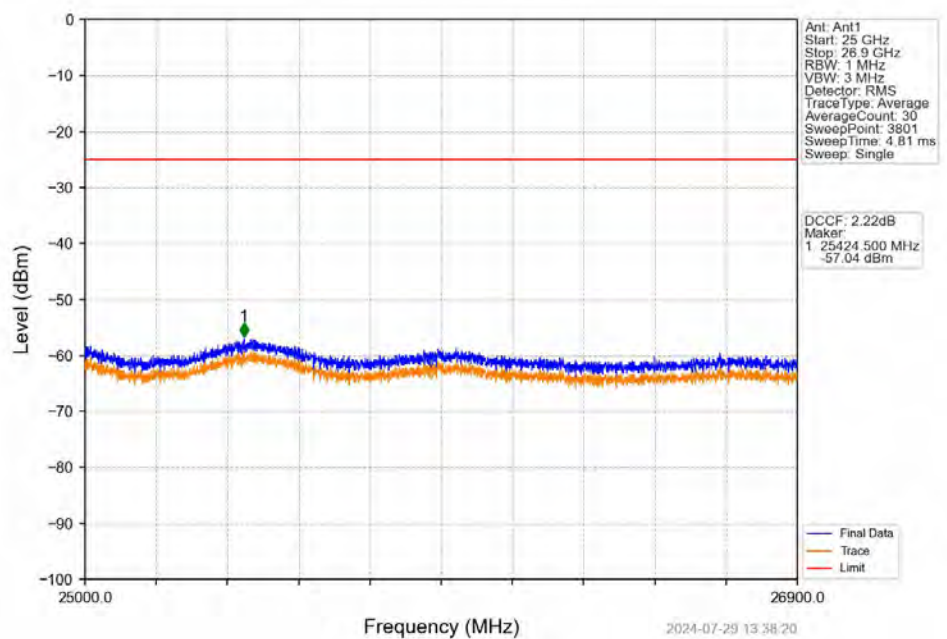
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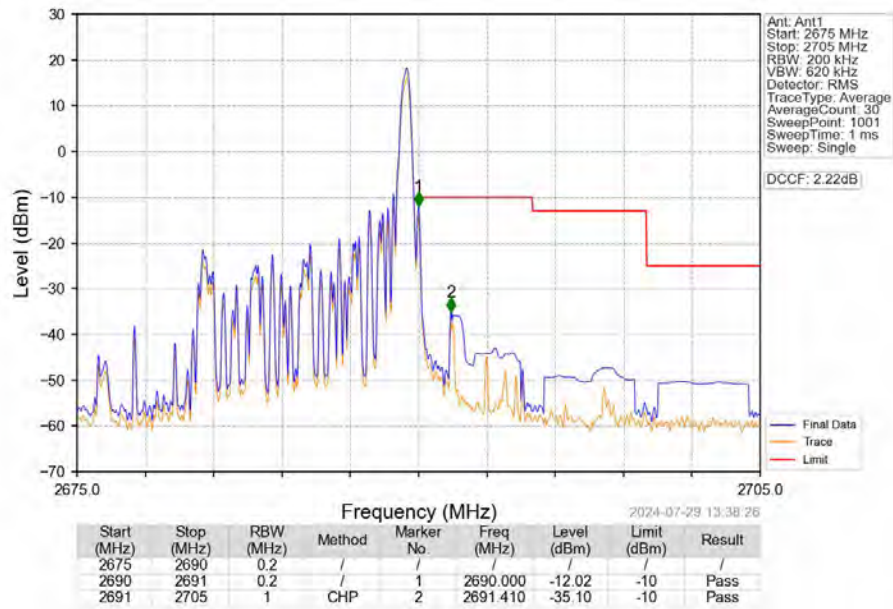
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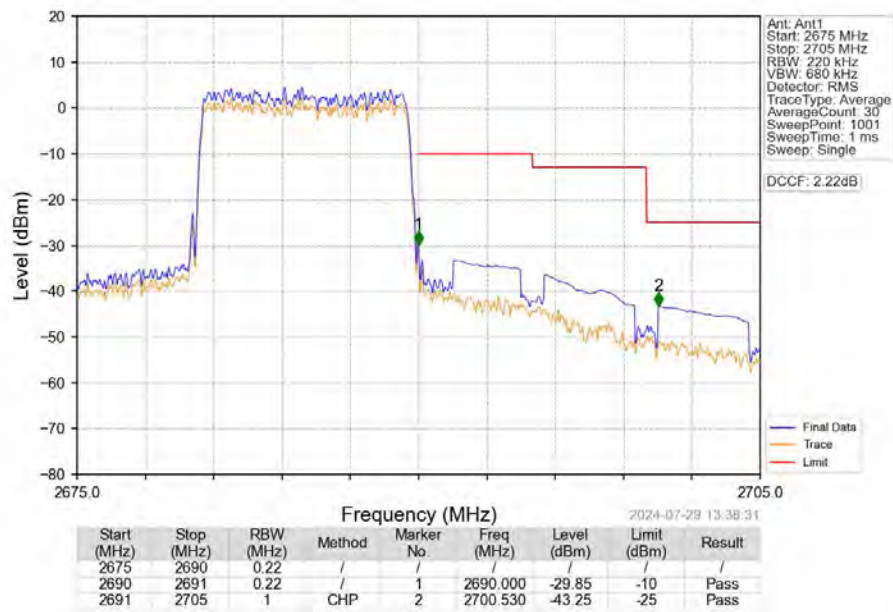
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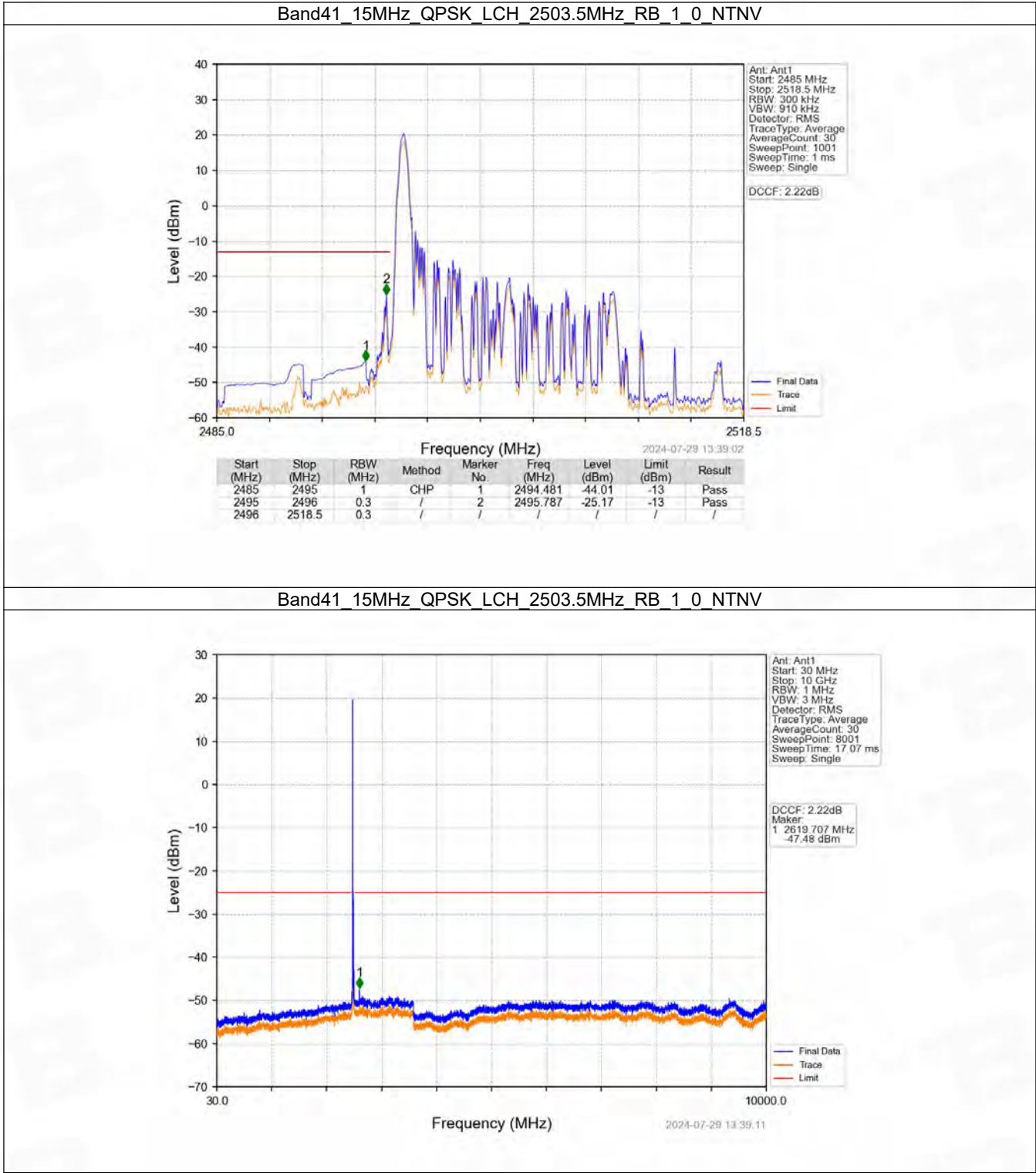
Band41 10MHz 16QAM HCH 2685MHz RB 1 49 NTNV



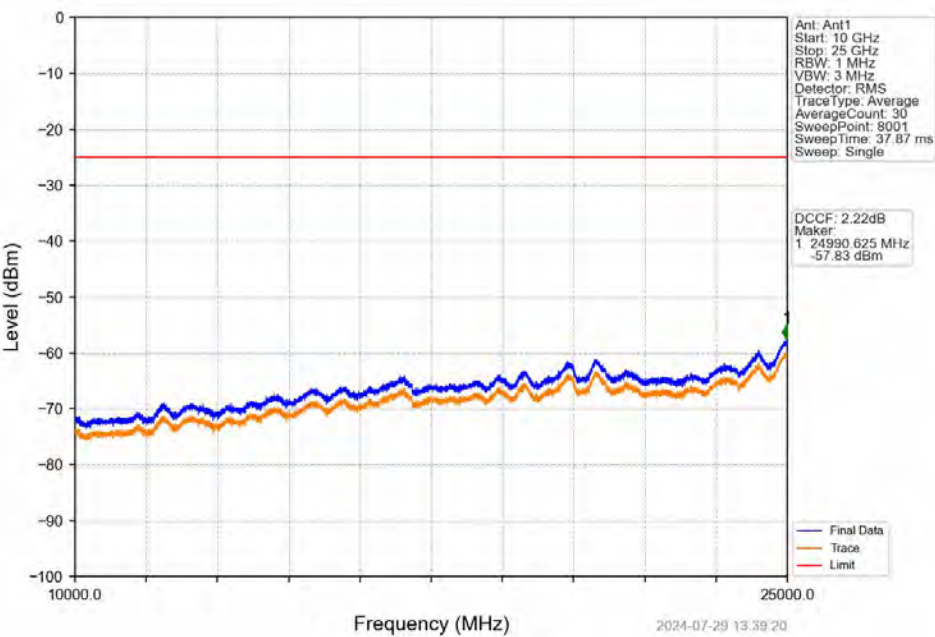
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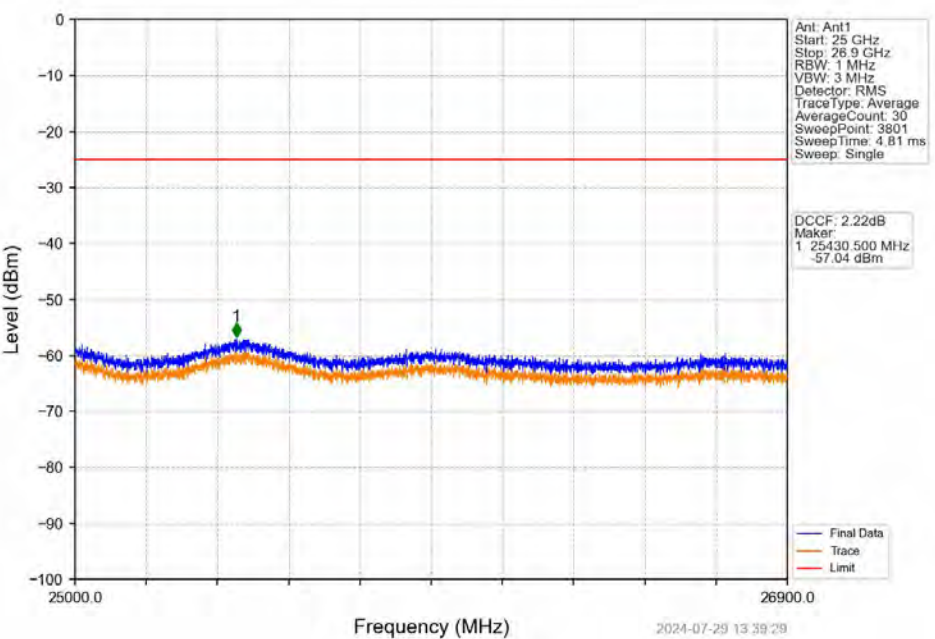
6.2.3 B41_15MHz



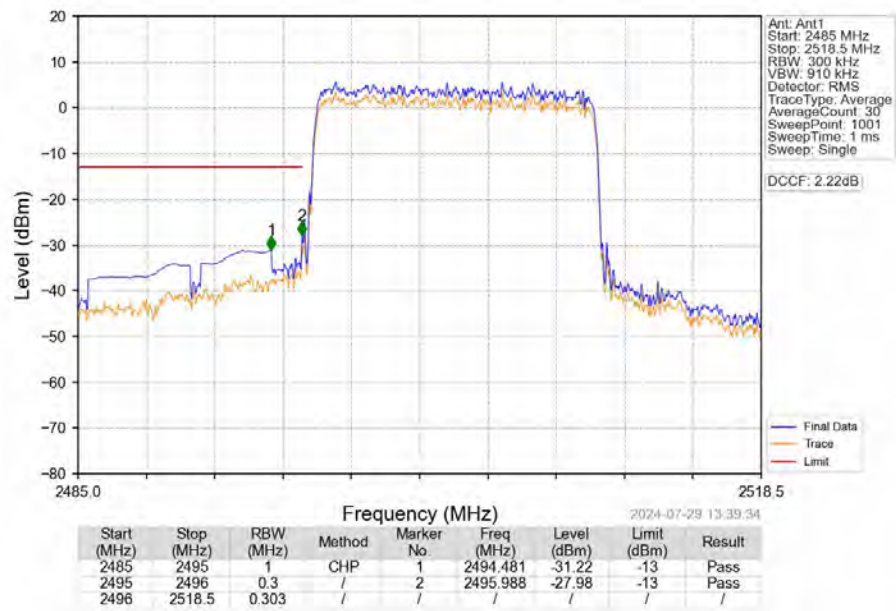
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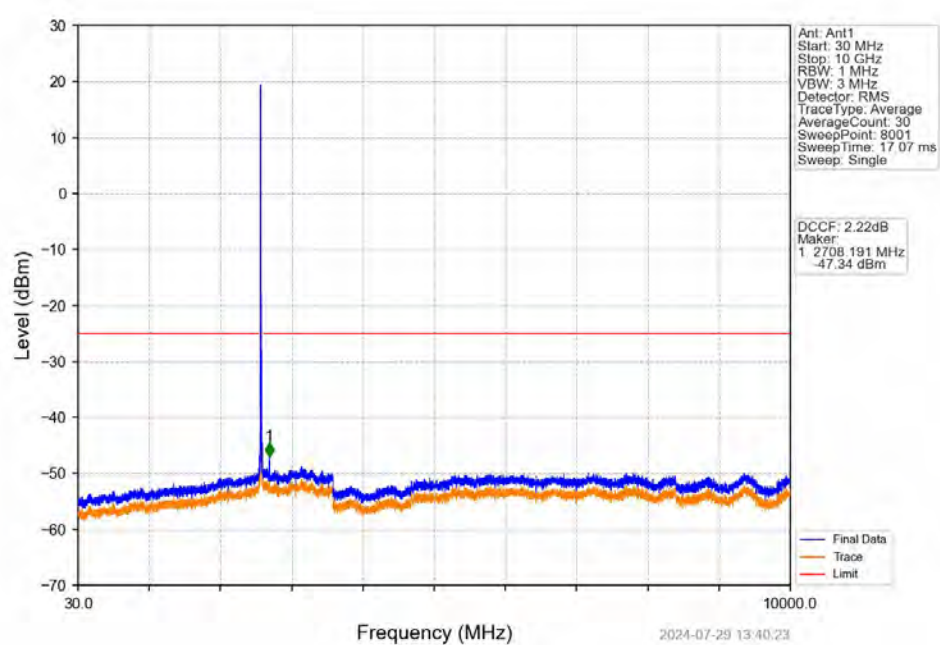
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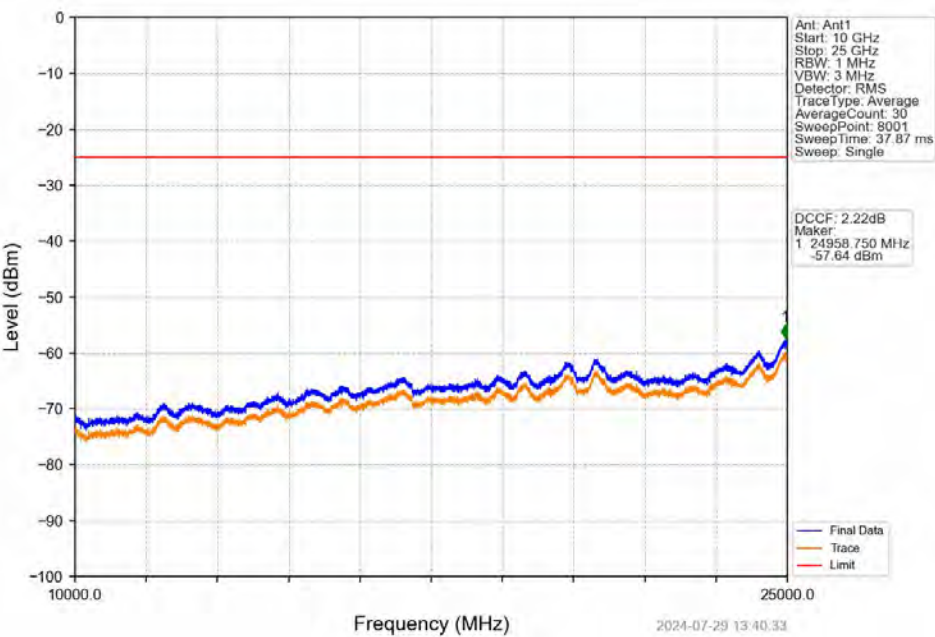
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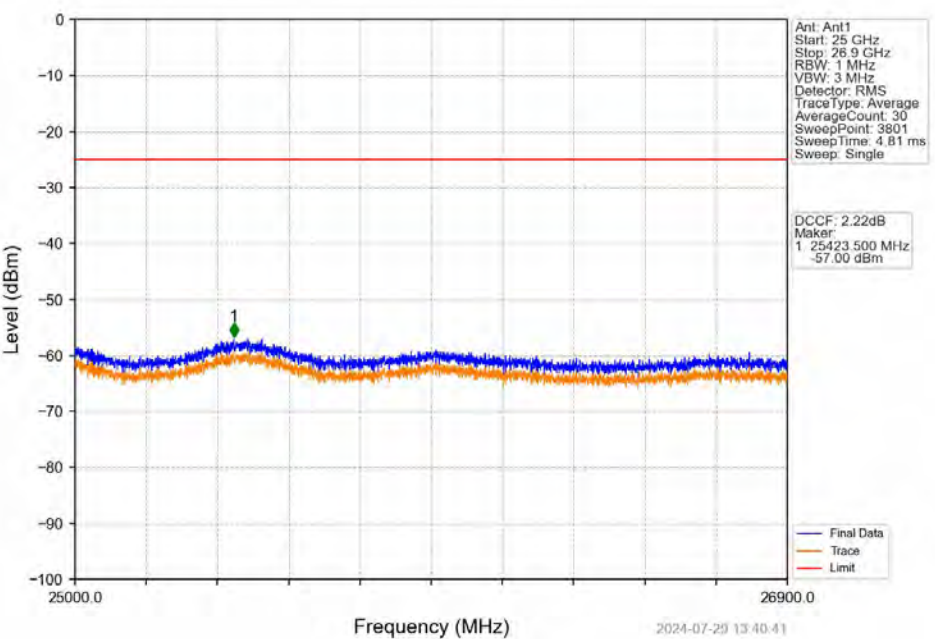
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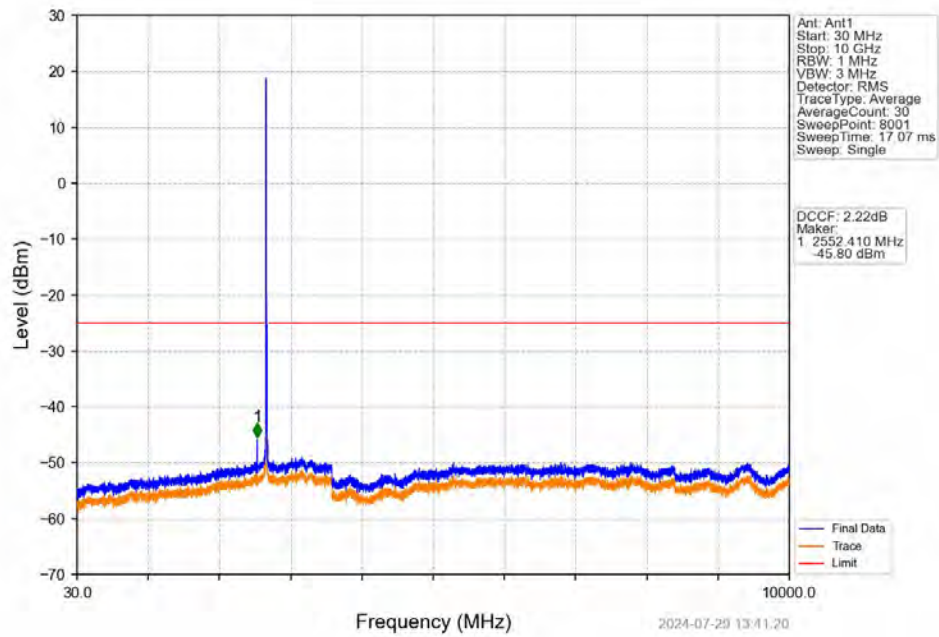
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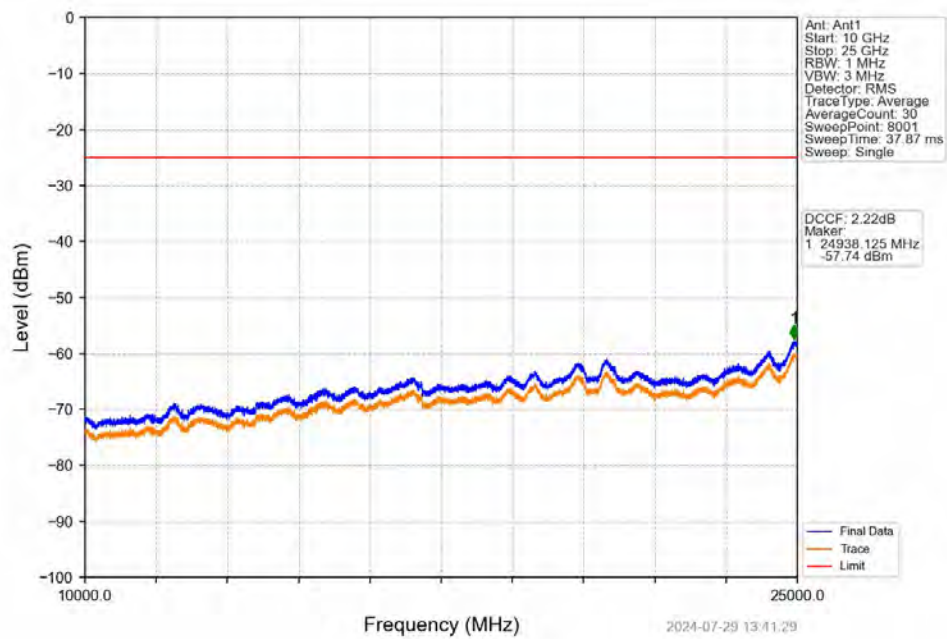
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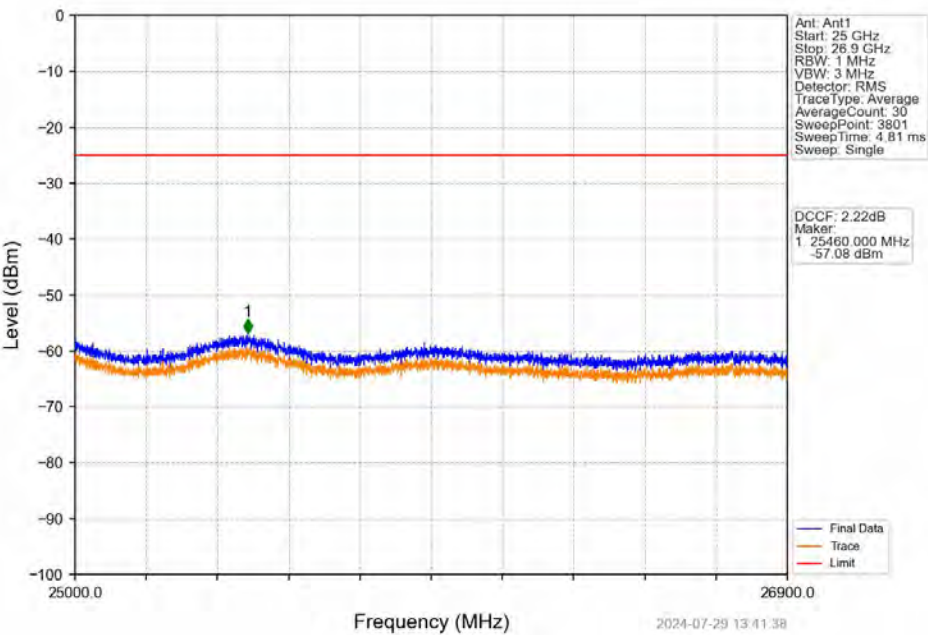
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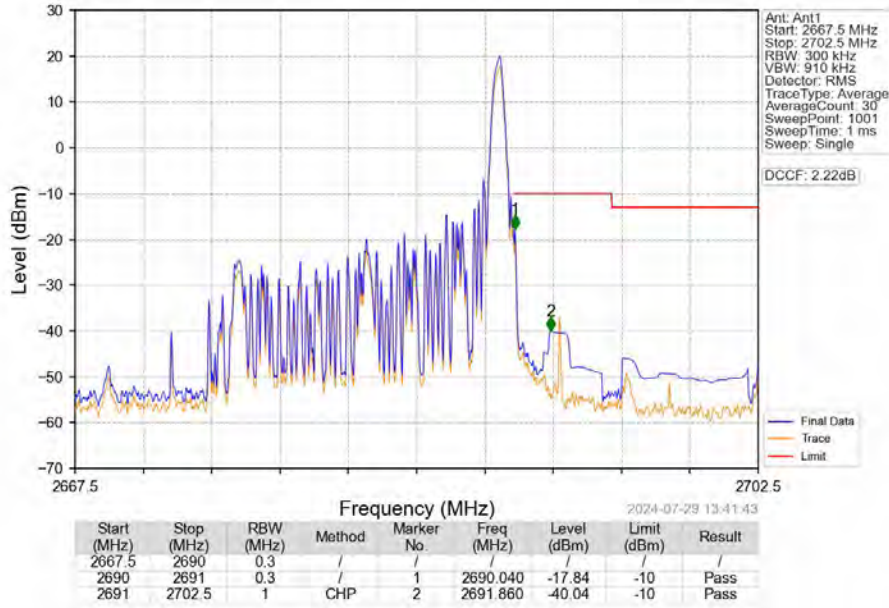
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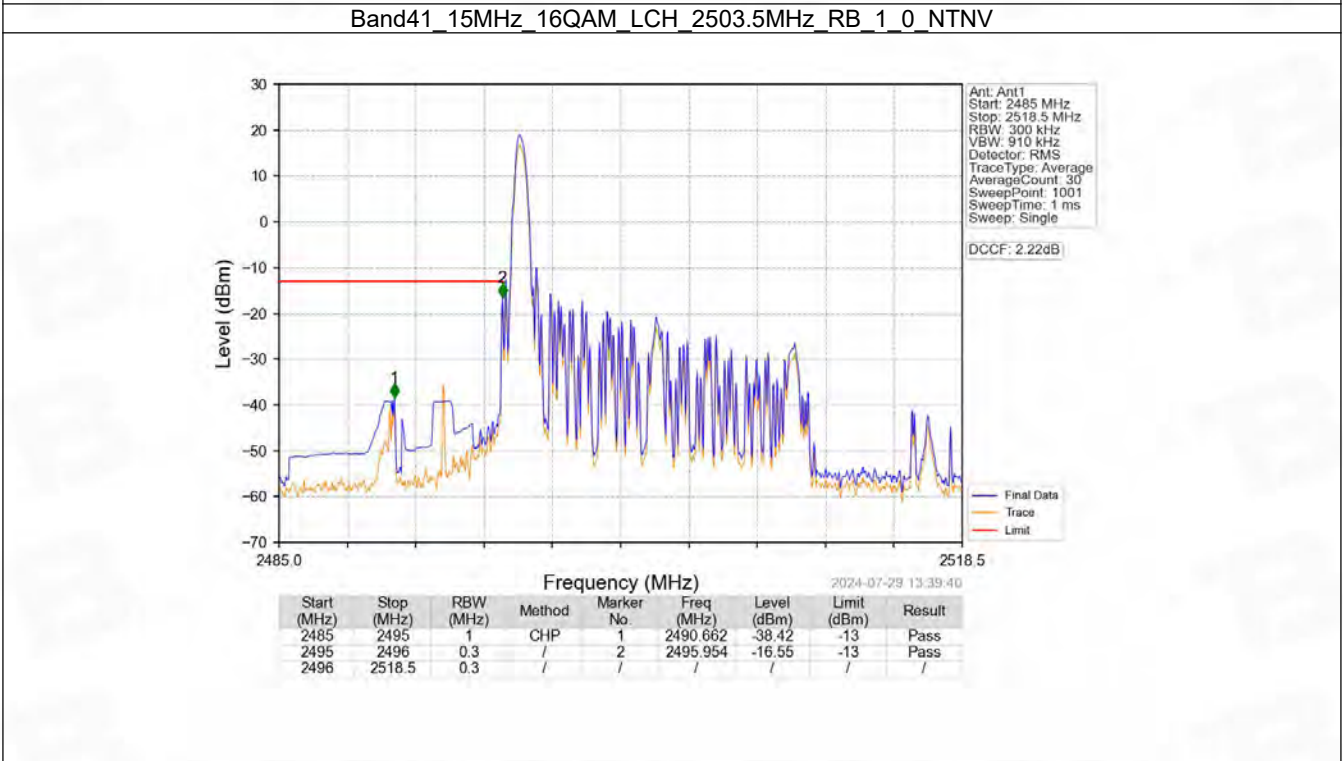
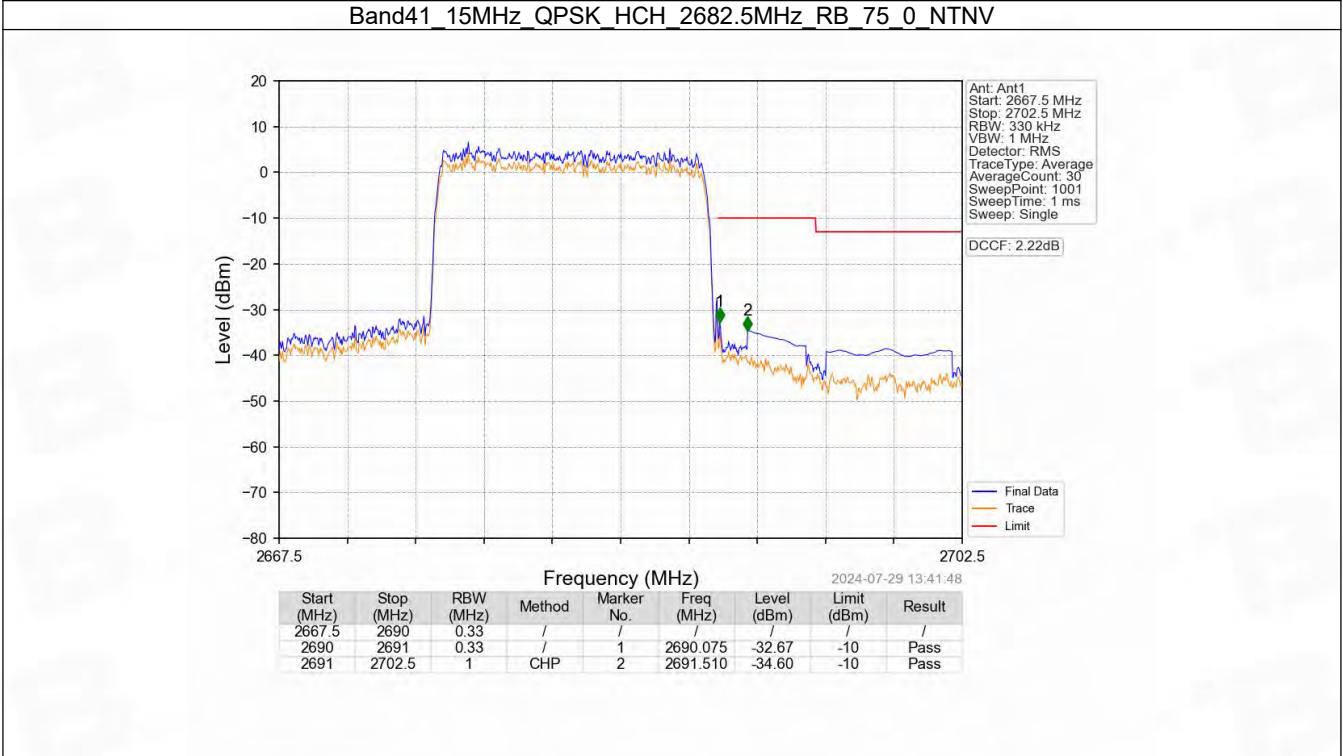


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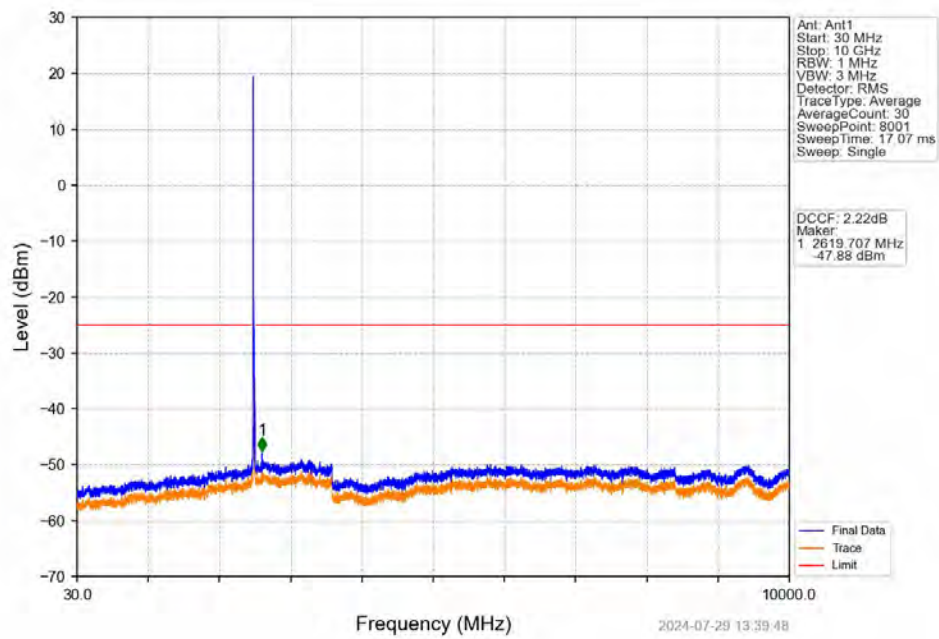


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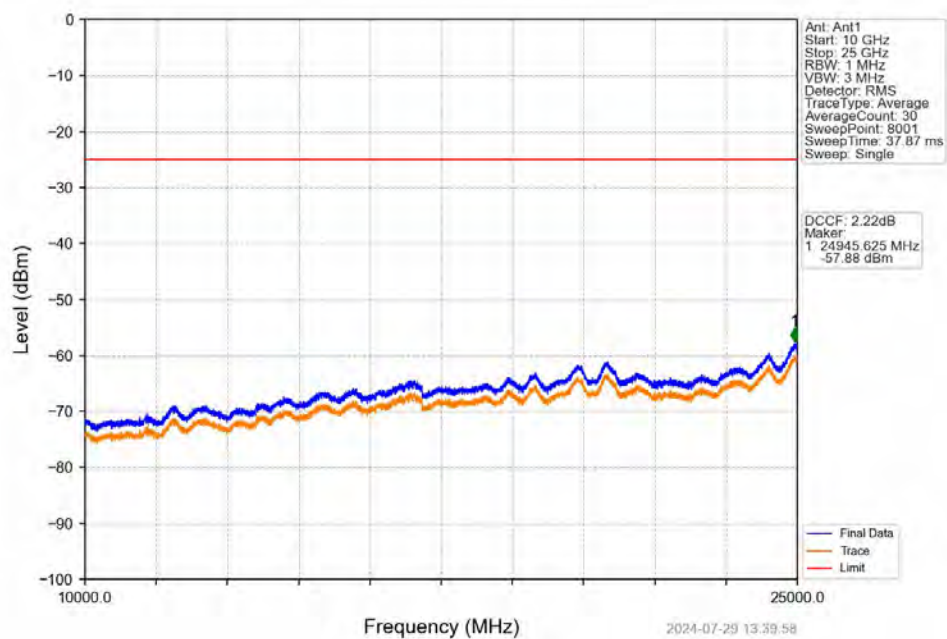




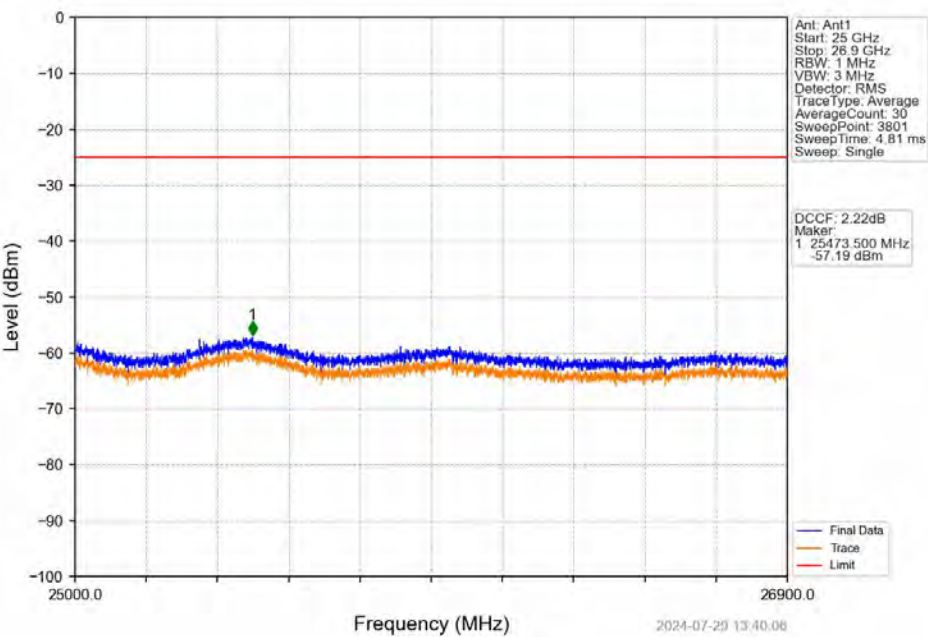
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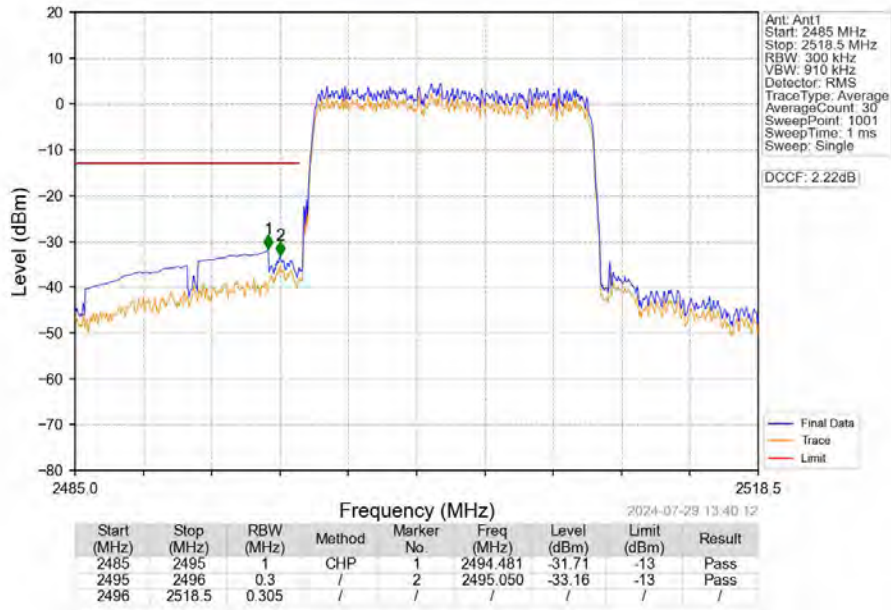
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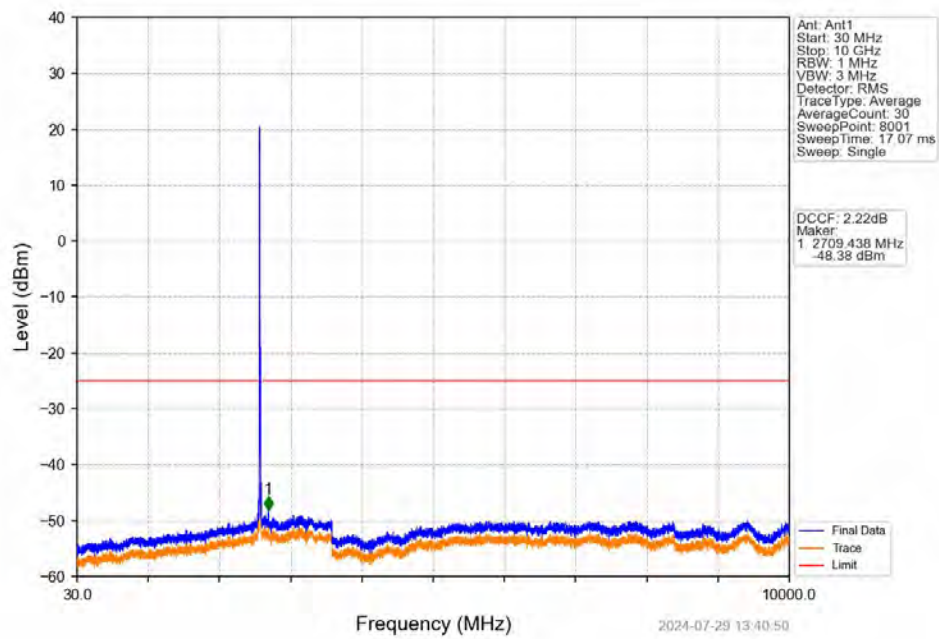
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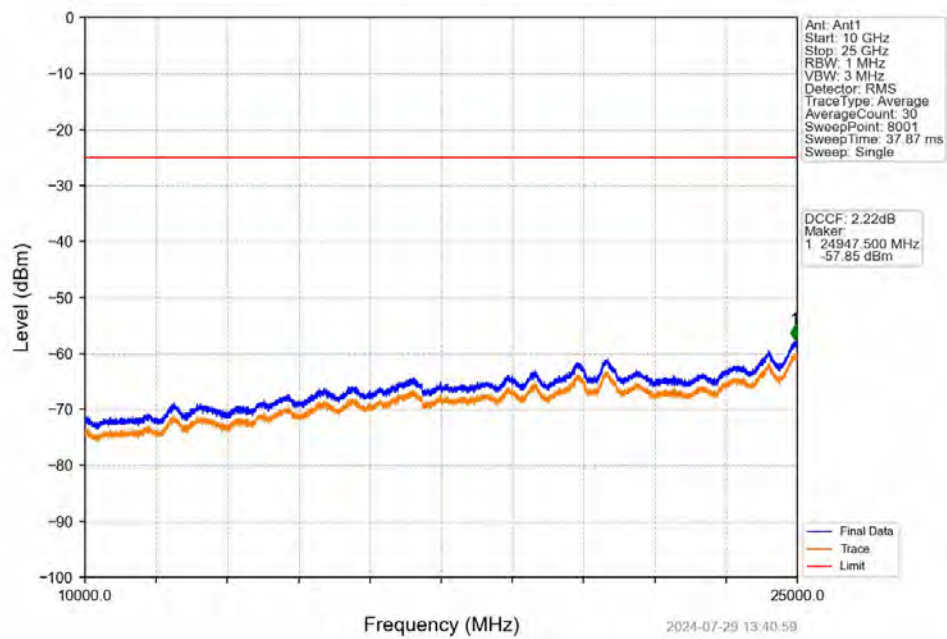
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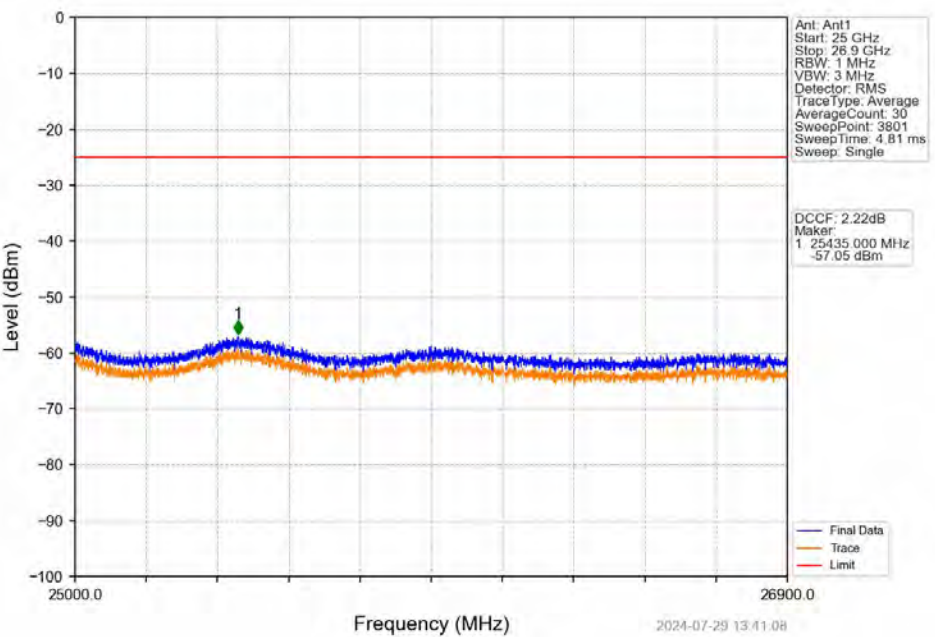
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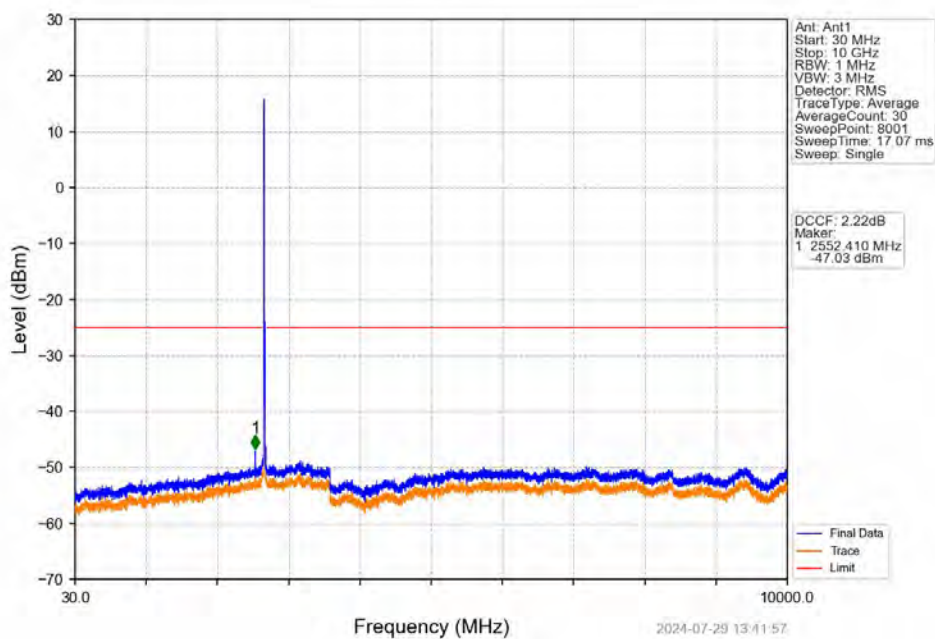
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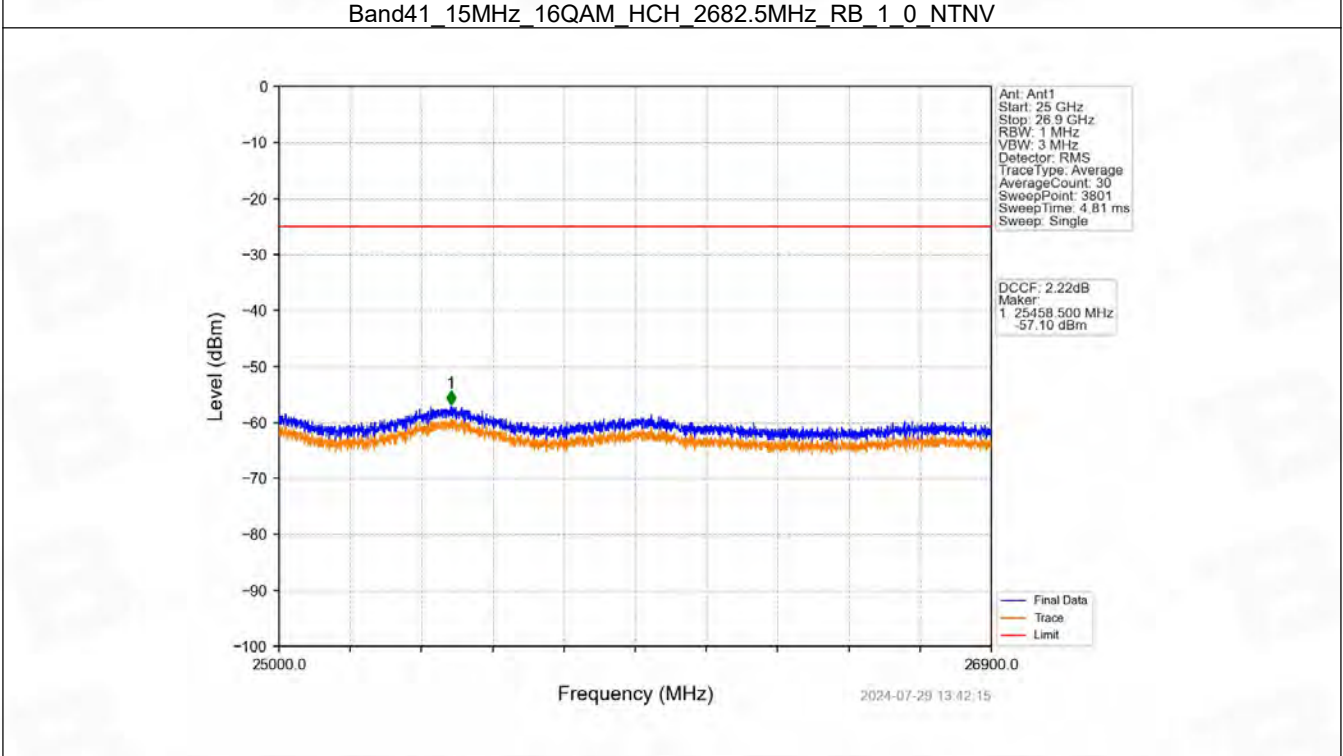
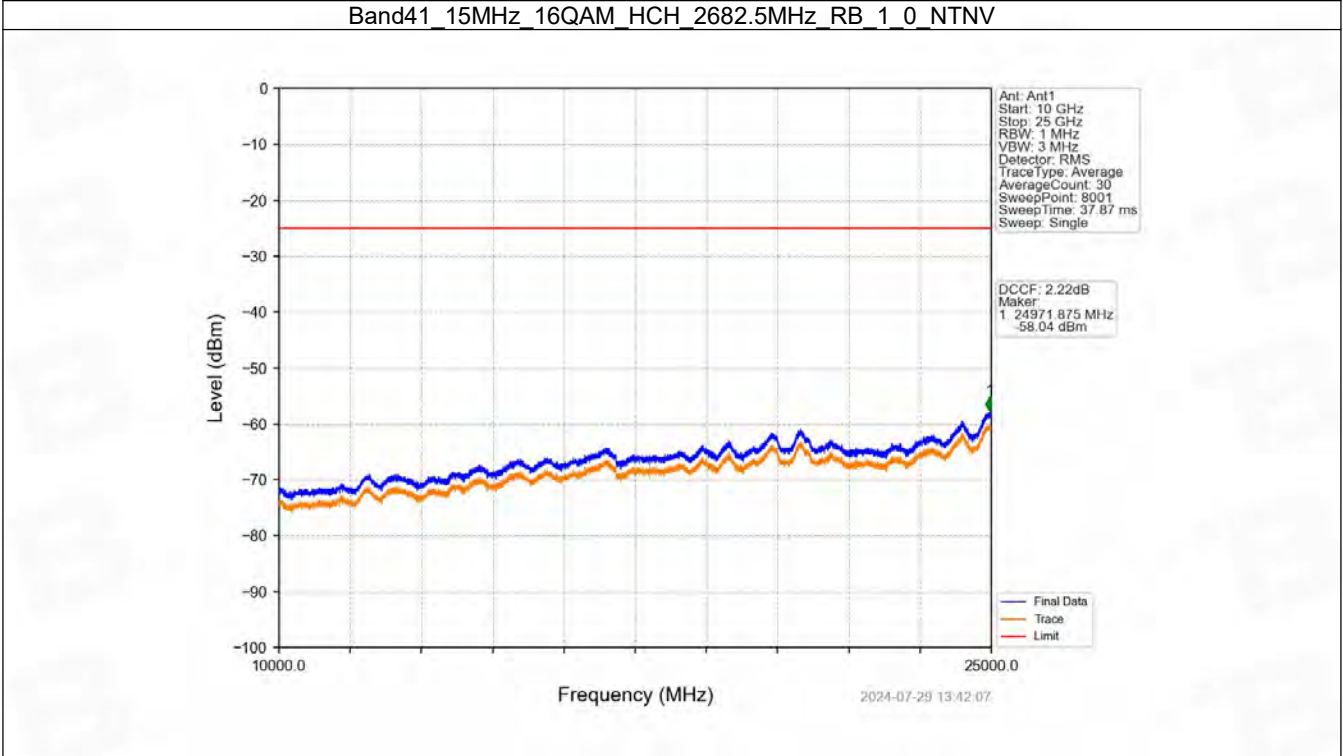


Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV

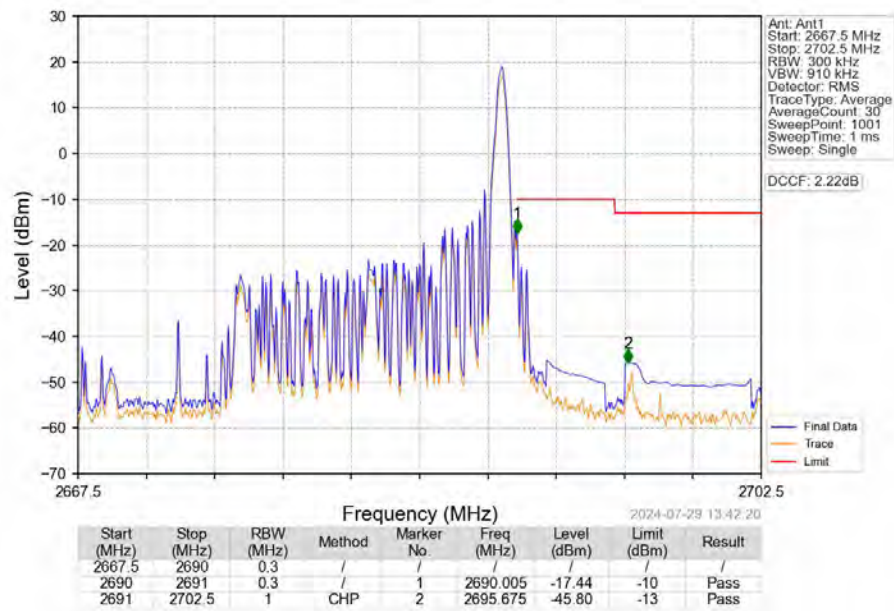


Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV

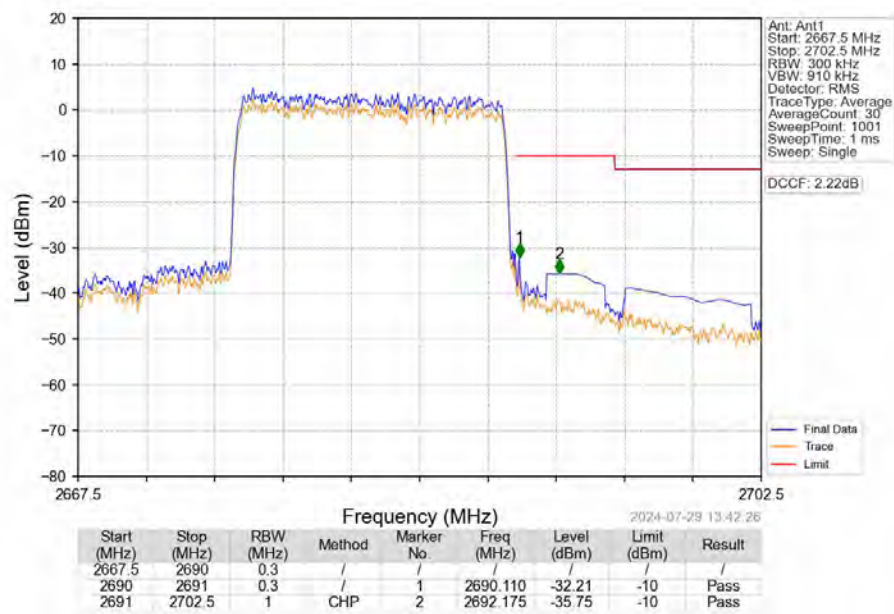




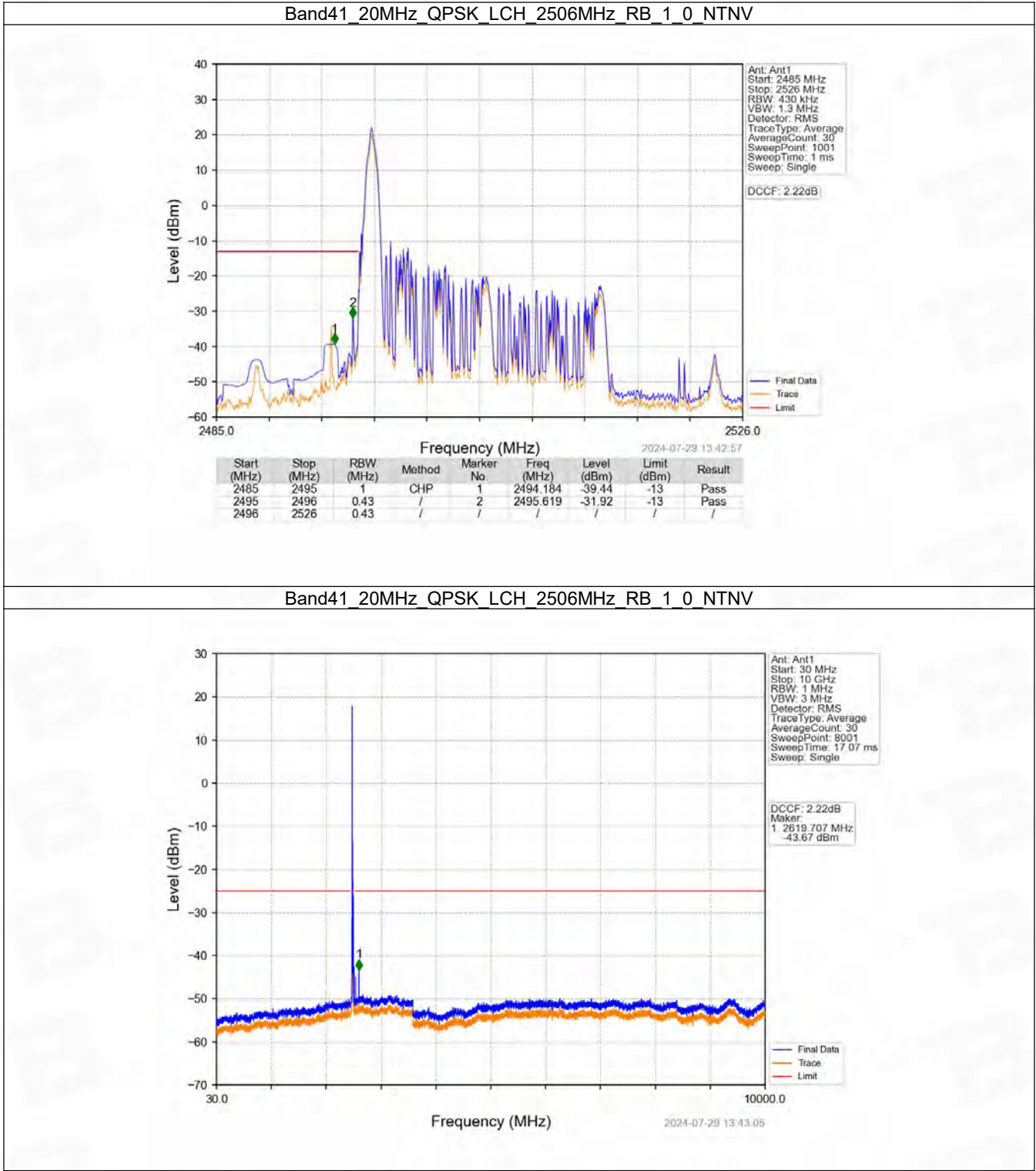
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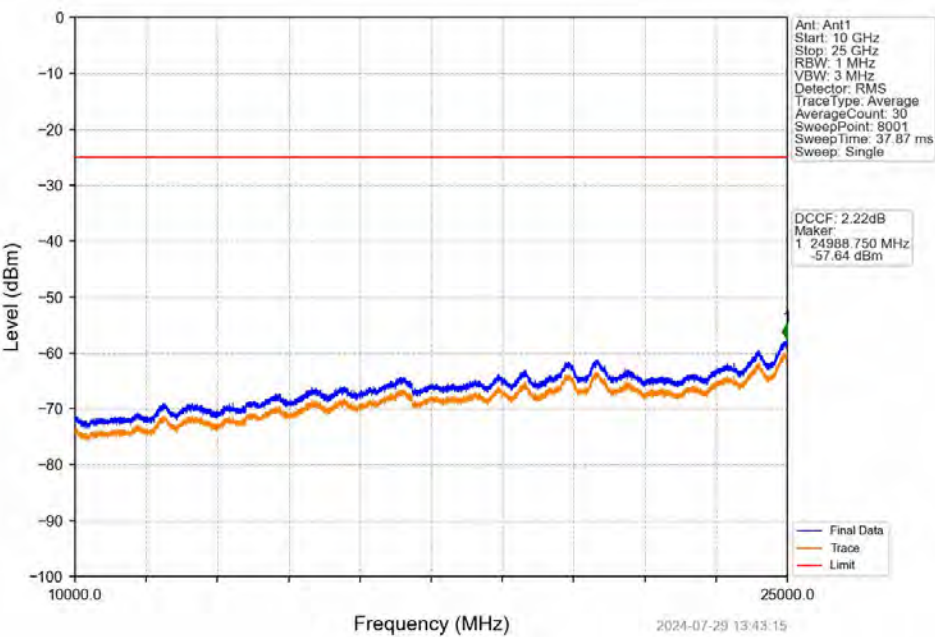
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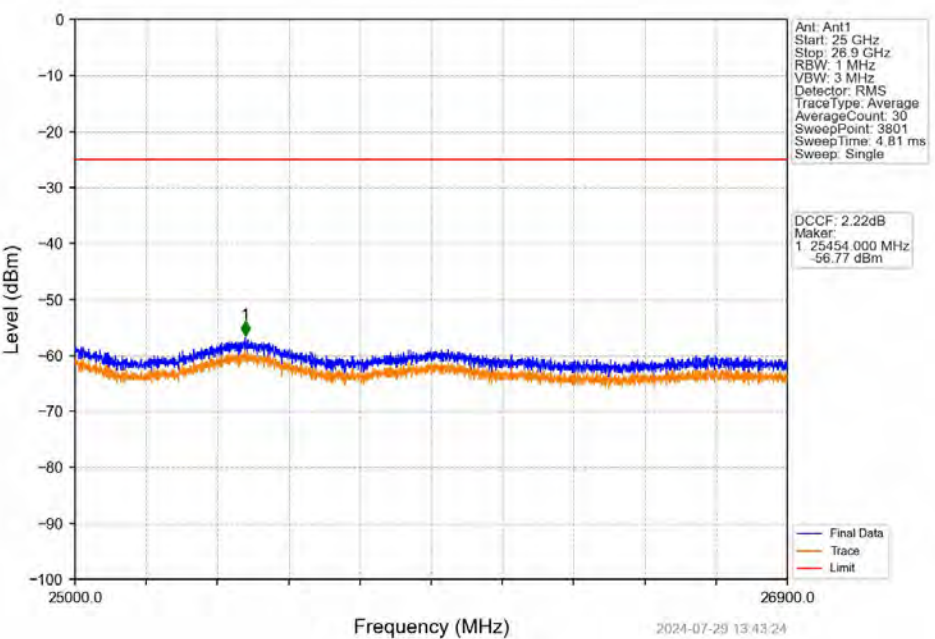
6.2.4 B41_20MHz



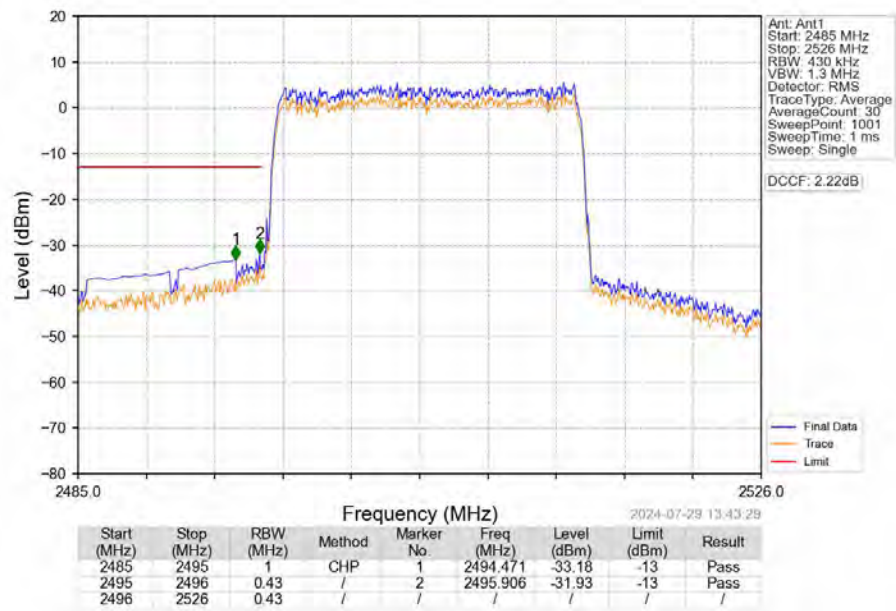
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



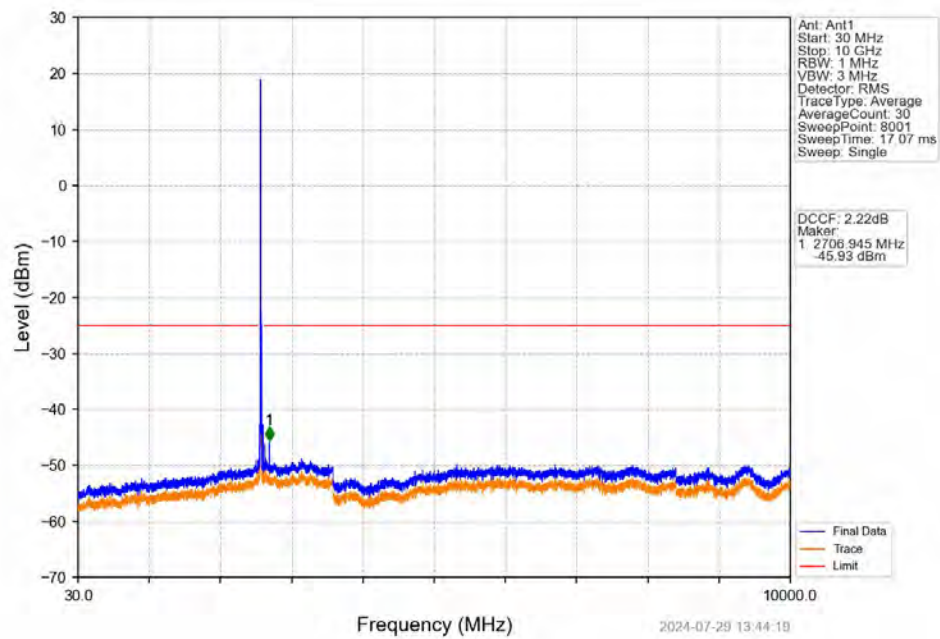
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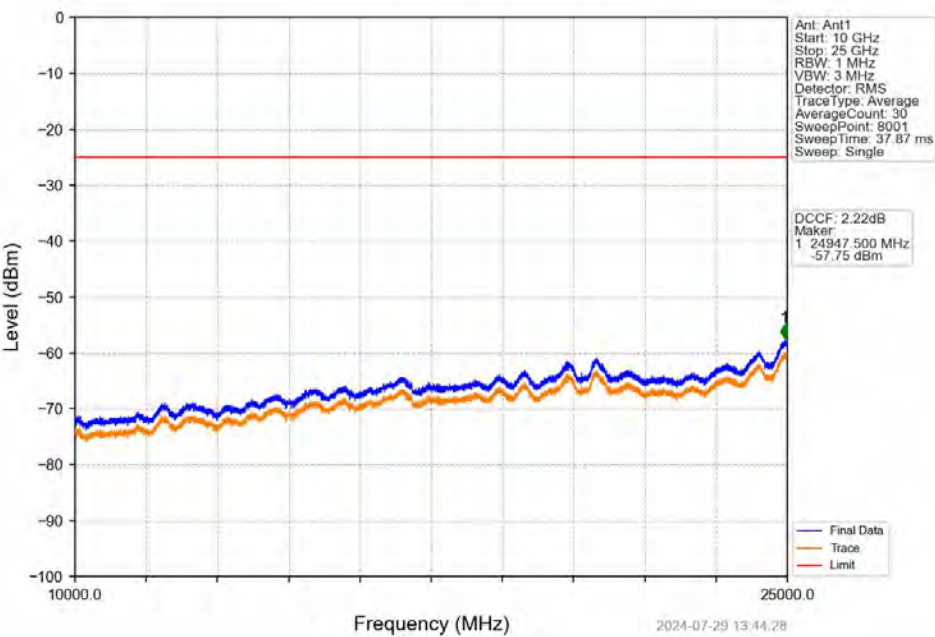
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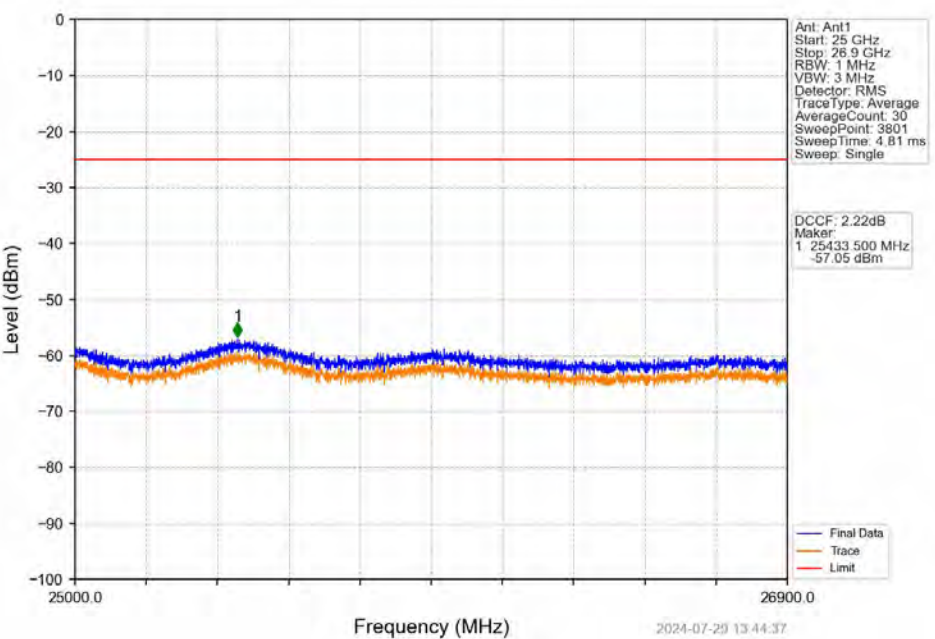
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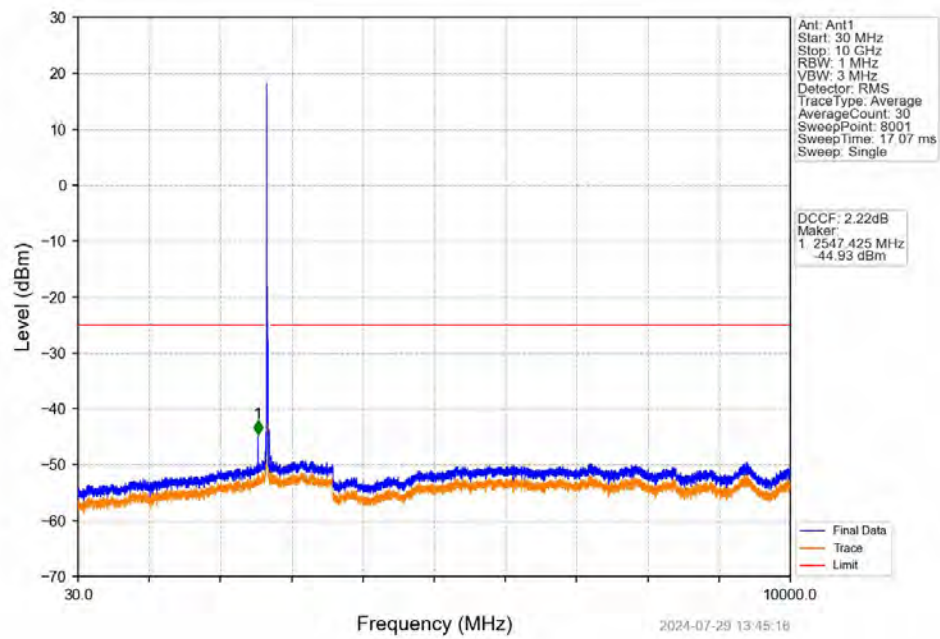
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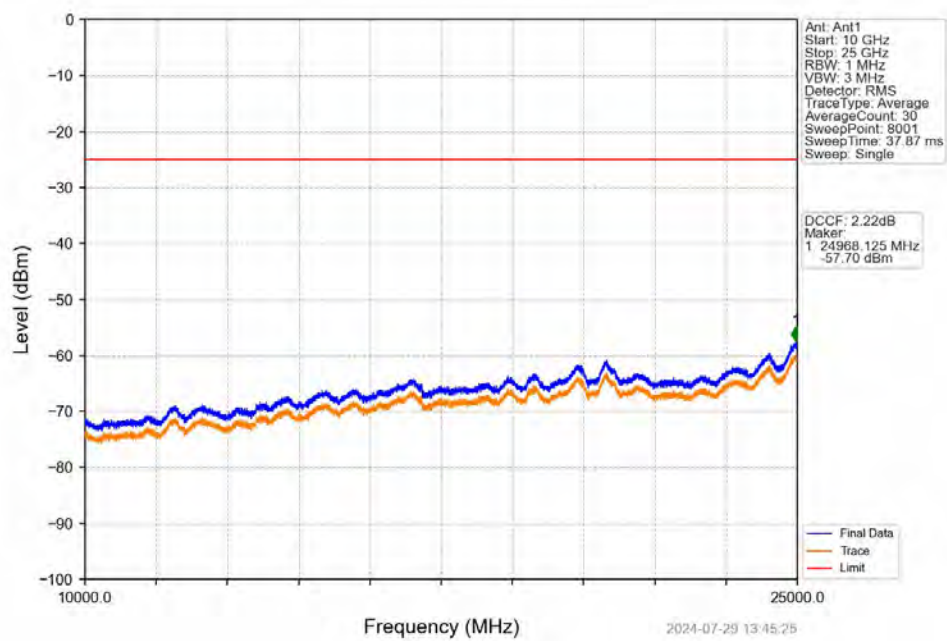
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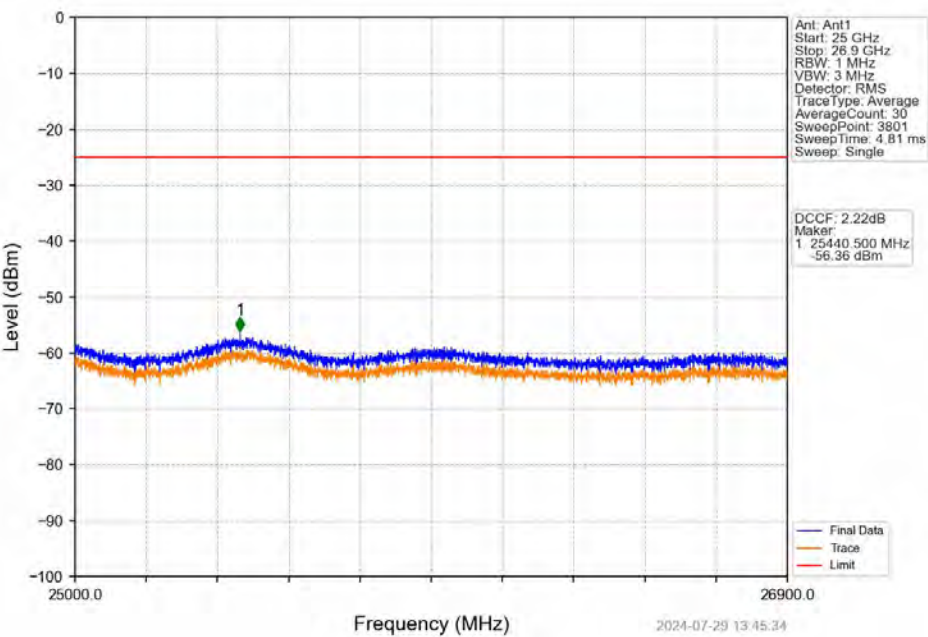
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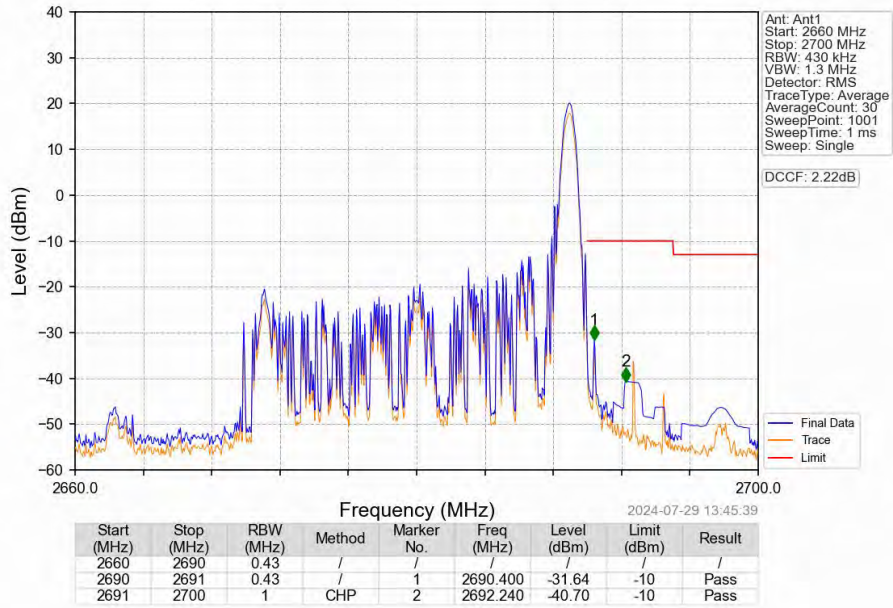
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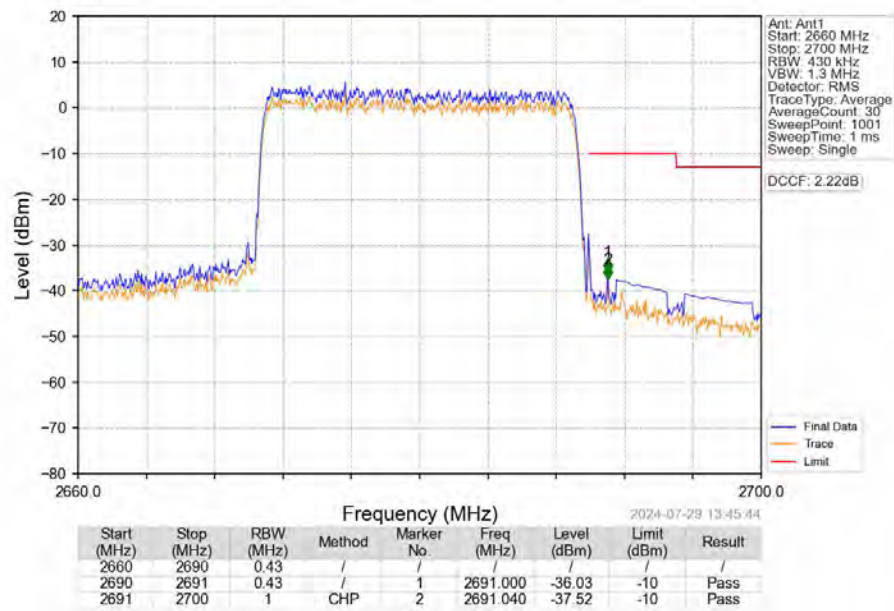
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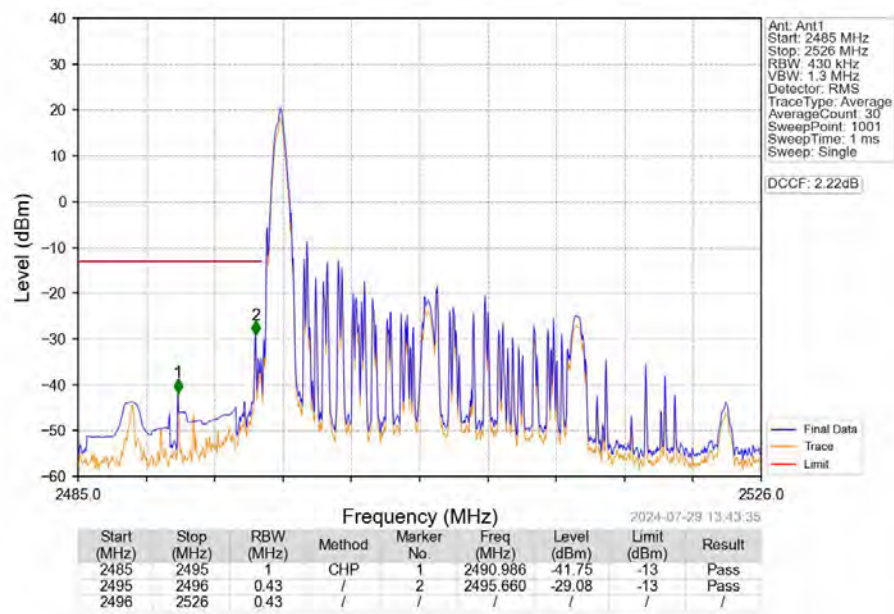
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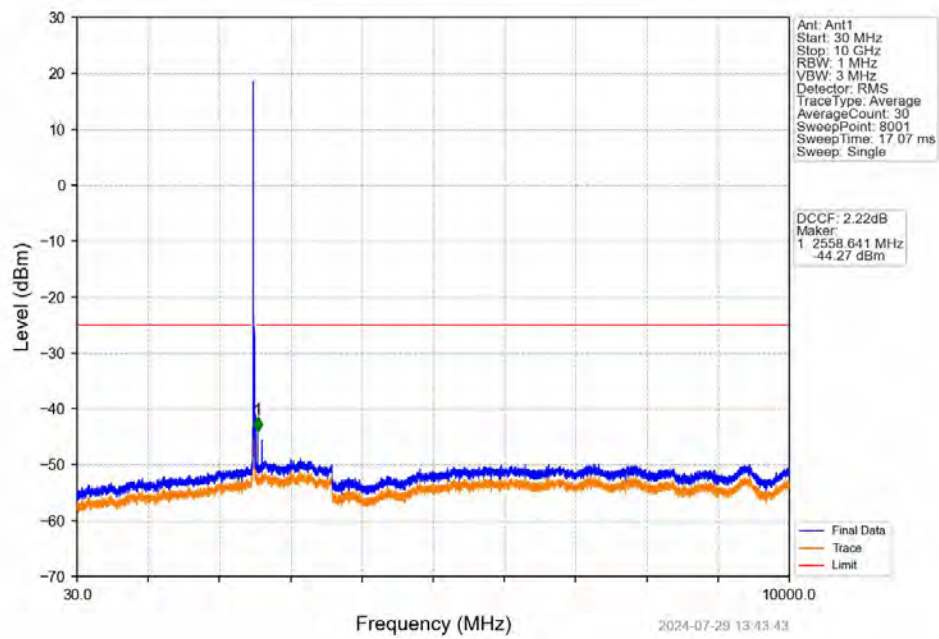
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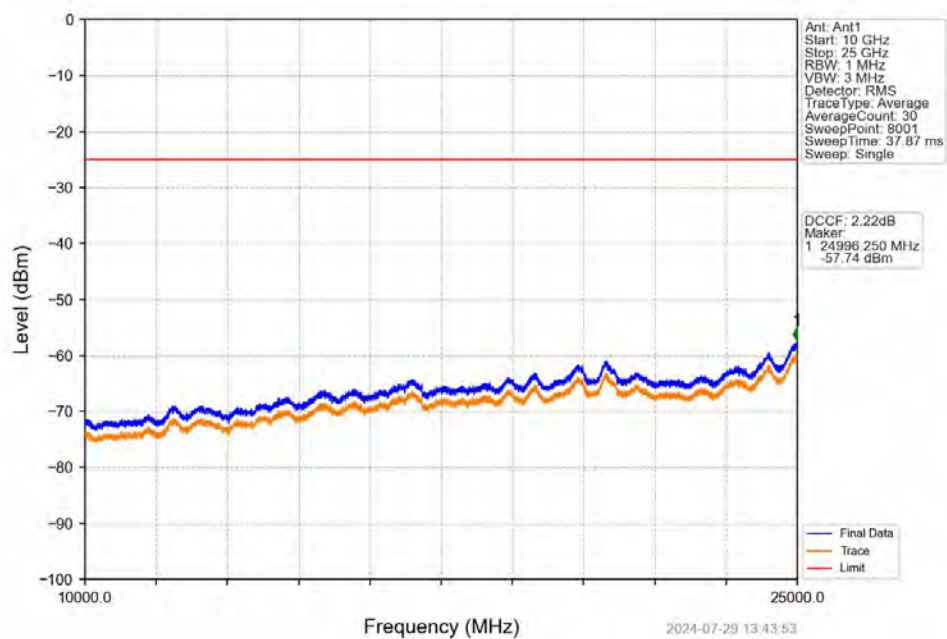
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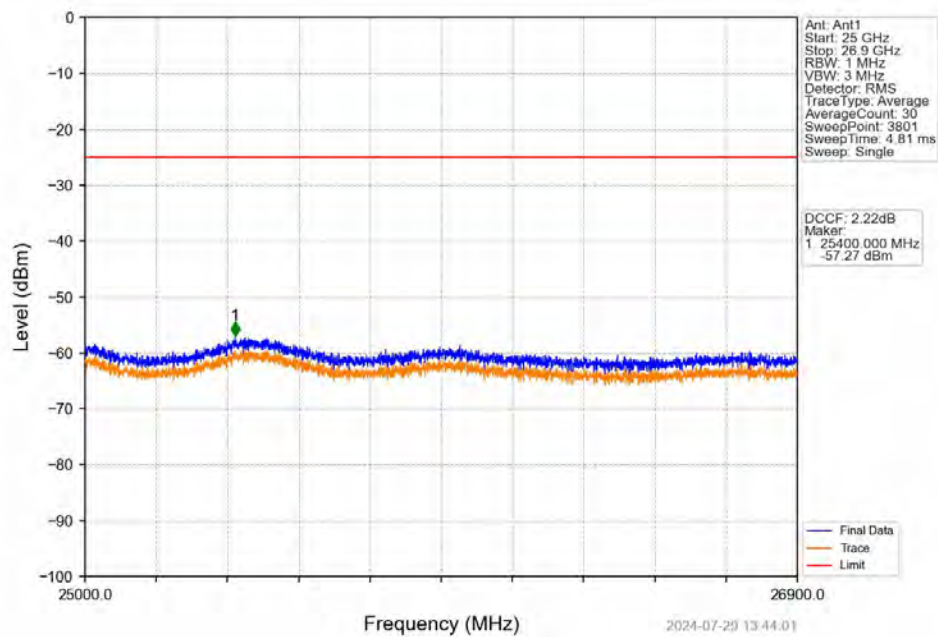
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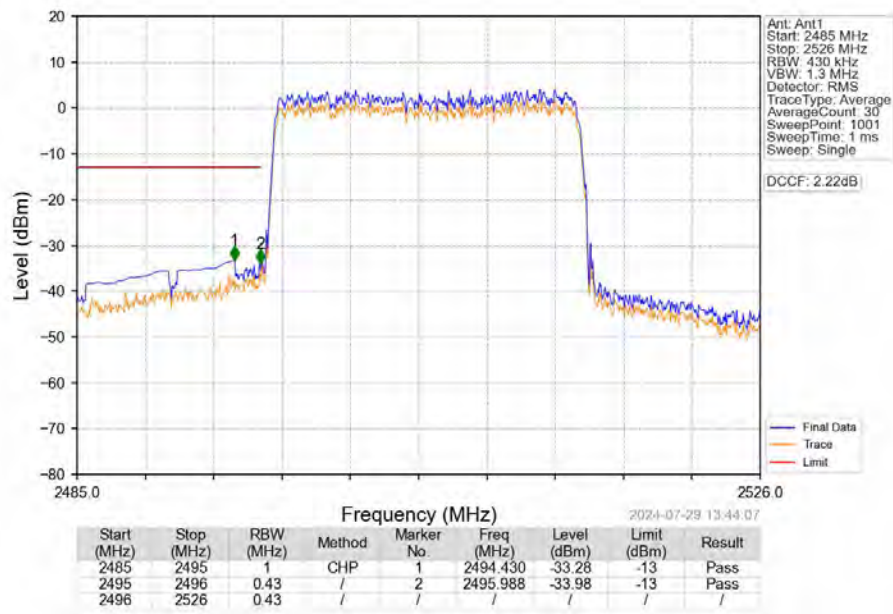
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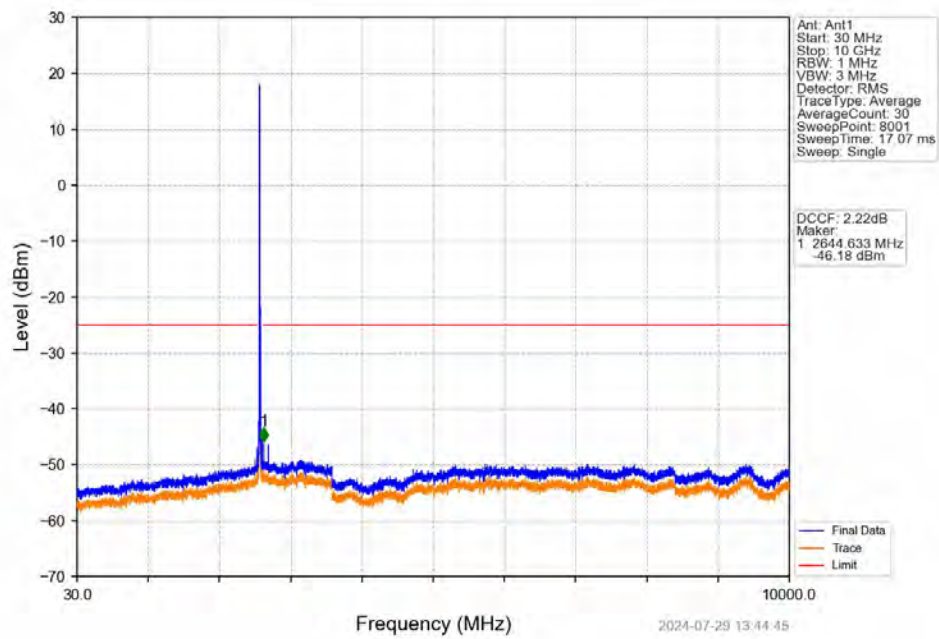
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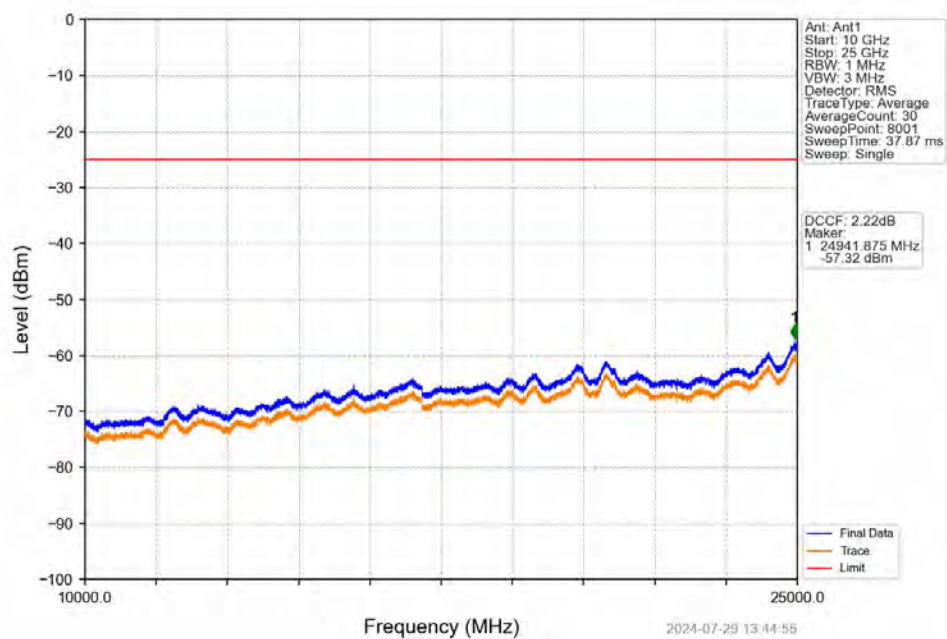
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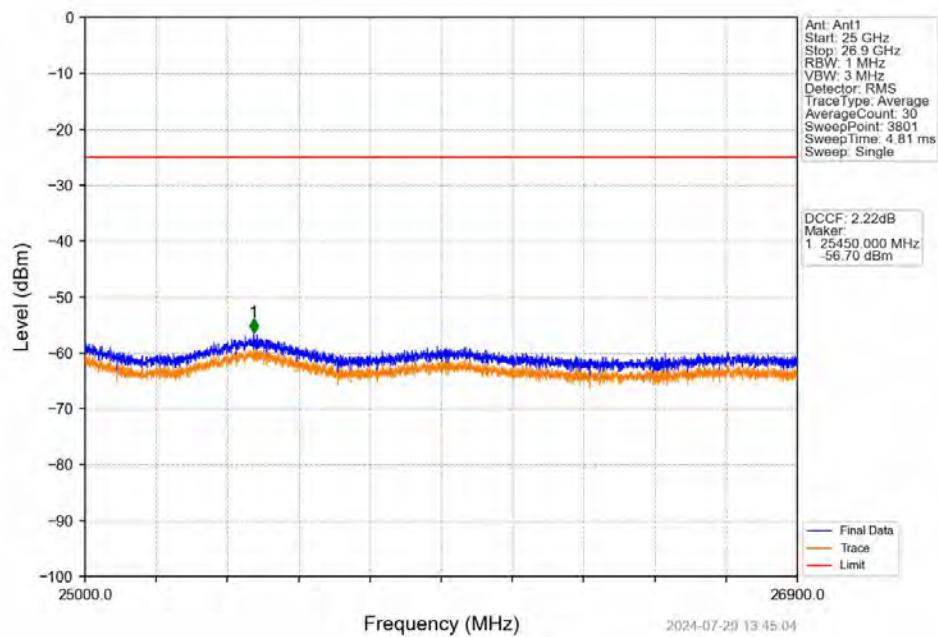
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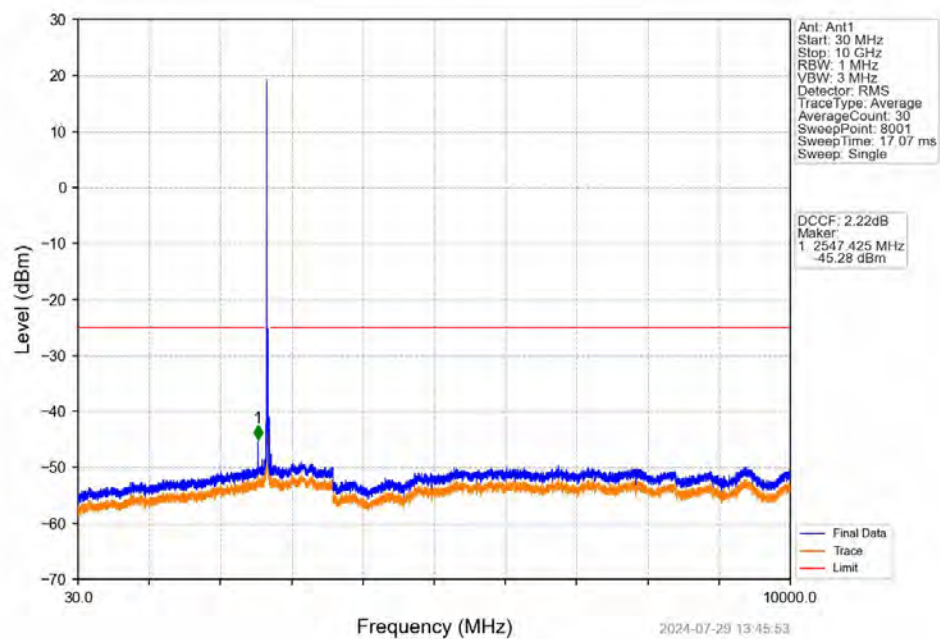
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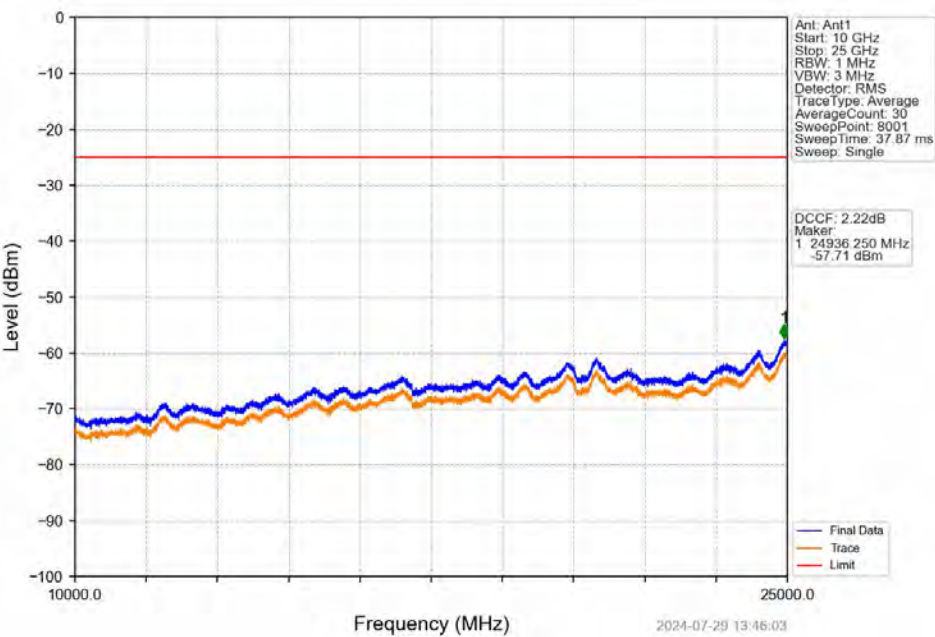
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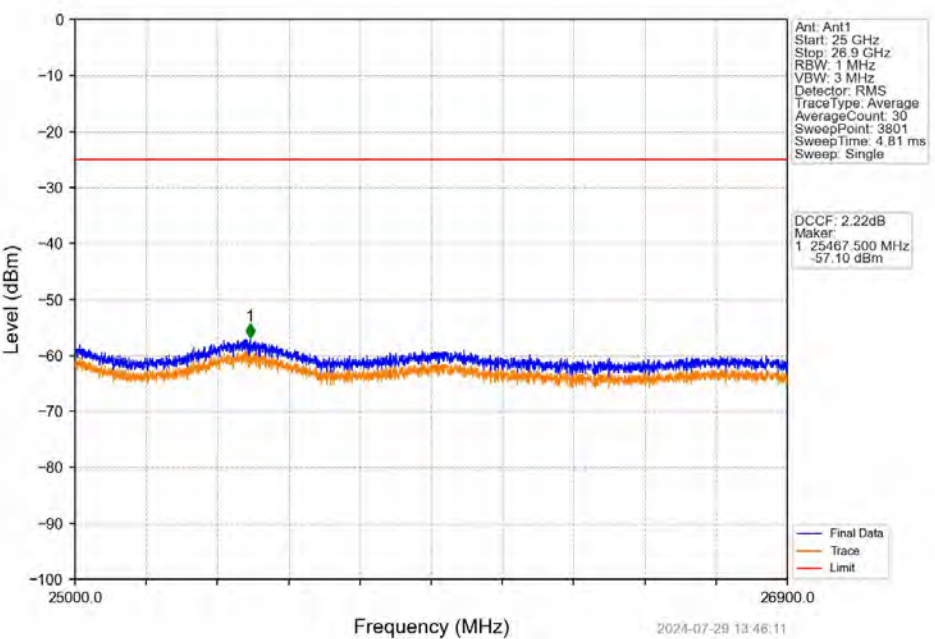
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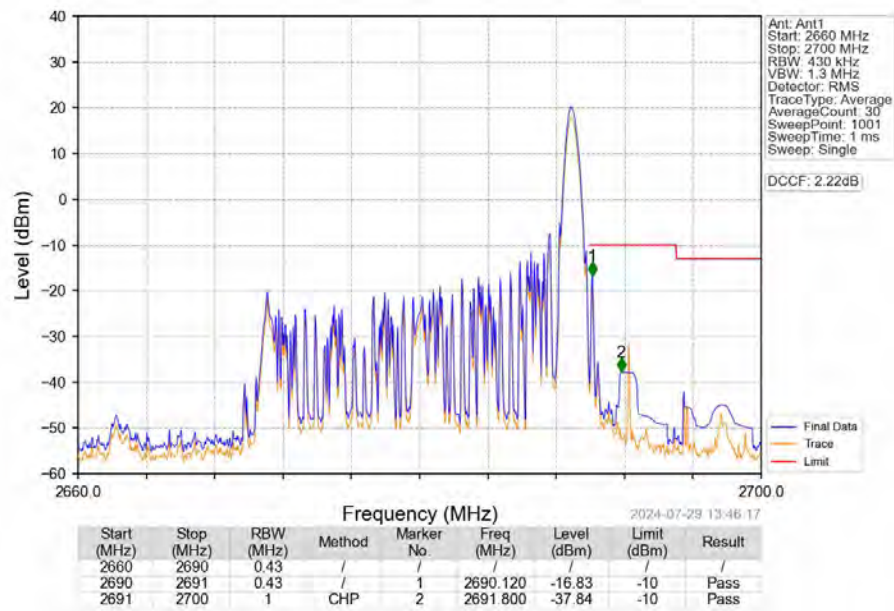
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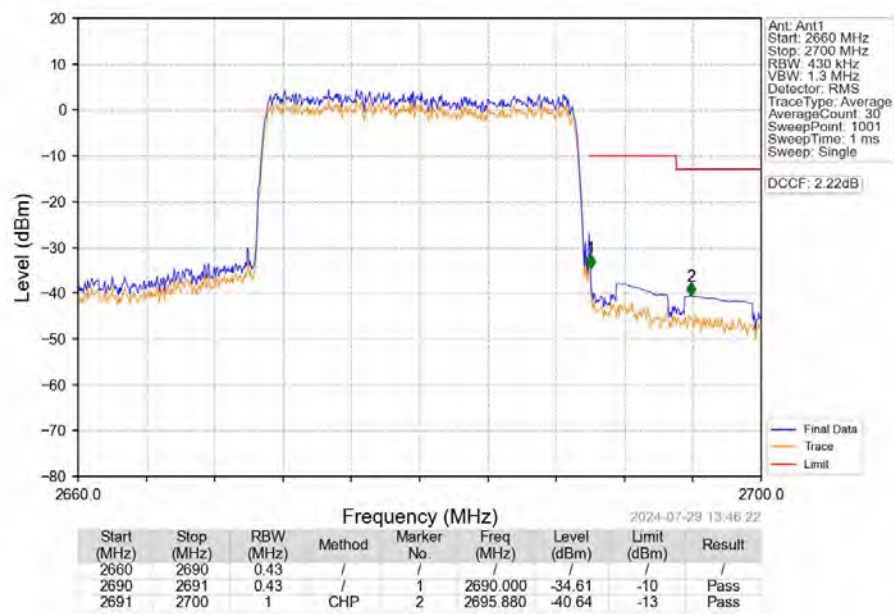
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_1_99_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



7. Form731

7.1 Test Result

7.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
41	5	2498.5	2687.5	0.1324	0.0191	ppm	4M56G7D	27M	21.22
41	5	2498.5	2687.5	0.1387	0.0165	ppm	4M57W7D	27M	21.42
41	10	2501	2685	0.1340	0.0182	ppm	9M08G7D	27M	21.27
41	10	2501	2685	0.1390	0.0179	ppm	9M08W7D	27M	21.43
41	15	2503.5	2682.5	0.1285	0.0174	ppm	13M6G7D	27M	21.09
41	15	2503.5	2682.5	0.1439	0.0191	ppm	13M6W7D	27M	21.58
41	20	2506	2680	0.1368	0.0173	ppm	18M2G7D	27M	21.36
41	20	2506	2680	0.1422	0.0166	ppm	18M1W7D	27M	21.53

7.1.2 Form731_EIRP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
41	5	2498.5	2687.5	0.1982	0.0191	ppm	4M56G7D	27M	22.97
41	5	2498.5	2687.5	0.2075	0.0165	ppm	4M57W7D	27M	23.17
41	10	2501	2685	0.2004	0.0182	ppm	9M08G7D	27M	23.02
41	10	2501	2685	0.2080	0.0179	ppm	9M08W7D	27M	23.18
41	15	2503.5	2682.5	0.1923	0.0174	ppm	13M6G7D	27M	22.84
41	15	2503.5	2682.5	0.2153	0.0191	ppm	13M6W7D	27M	23.33
41	20	2506	2680	0.2046	0.0173	ppm	18M2G7D	27M	23.11
41	20	2506	2680	0.2128	0.0166	ppm	18M1W7D	27M	23.28