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	19.72	1.75	21.47	<=33.01	Pass
			13	19.65	1.75	21.40	<=33.01	Pass
			24	19.62	1.75	21.37	<=33.01	Pass
		12	0	18.80	1.75	20.55	<=33.01	Pass
			6	18.78	1.75	20.53	<=33.01	Pass
			13	18.68	1.75	20.43	<=33.01	Pass
		25	0	18.62	1.75	20.37	<=33.01	Pass
	2593	1	0	19.21	1.75	20.96	<=33.01	Pass
			13	19.21	1.75	20.96	<=33.01	Pass
			24	19.20	1.75	20.95	<=33.01	Pass
		12	0	18.28	1.75	20.03	<=33.01	Pass
			6	18.21	1.75	19.96	<=33.01	Pass
			13	18.24	1.75	19.99	<=33.01	Pass
		25	0	18.21	1.75	19.96	<=33.01	Pass
	2687.5	1	0	20.04	1.75	21.79	<=33.01	Pass
			13	20.05	1.75	21.80	<=33.01	Pass
			24	19.95	1.75	21.70	<=33.01	Pass
		12	0	19.09	1.75	20.84	<=33.01	Pass
			6	19.11	1.75	20.86	<=33.01	Pass
			13	19.11	1.75	20.86	<=33.01	Pass
		25	0	18.95	1.75	20.70	<=33.01	Pass
16QAM	2498.5	1	0	20.34	1.75	22.09	<=33.01	Pass
			13	19.95	1.75	21.70	<=33.01	Pass
			24	20.02	1.75	21.77	<=33.01	Pass
		12	0	17.74	1.75	19.49	<=33.01	Pass
			6	17.74	1.75	19.49	<=33.01	Pass
			13	17.82	1.75	19.57	<=33.01	Pass
		25	0	17.95	1.75	19.70	<=33.01	Pass
	2593	1	0	18.84	1.75	20.59	<=33.01	Pass
			13	18.87	1.75	20.62	<=33.01	Pass
			24	18.78	1.75	20.53	<=33.01	Pass
		12	0	17.31	1.75	19.06	<=33.01	Pass
			6	17.26	1.75	19.01	<=33.01	Pass
			13	17.28	1.75	19.03	<=33.01	Pass
		25	0	17.38	1.75	19.13	<=33.01	Pass
	2687.5	1	0	19.53	1.75	21.28	<=33.01	Pass
			13	19.10	1.75	20.85	<=33.01	Pass
			24	19.61	1.75	21.36	<=33.01	Pass
		12	0	18.21	1.75	19.96	<=33.01	Pass
			6	18.22	1.75	19.97	<=33.01	Pass
			13	18.08	1.75	19.83	<=33.01	Pass
		25	0	18.13	1.75	19.88	<=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	19.80	1.75	21.55	<=33.01	Pass
			25	19.85	1.75	21.60	<=33.01	Pass
			49	19.70	1.75	21.45	<=33.01	Pass
		25	0	18.76	1.75	20.51	<=33.01	Pass
			13	18.62	1.75	20.37	<=33.01	Pass
			25	18.56	1.75	20.31	<=33.01	Pass
		50	0	18.77	1.75	20.52	<=33.01	Pass
	2593	1	0	19.24	1.75	20.99	<=33.01	Pass
			25	19.15	1.75	20.90	<=33.01	Pass
			49	19.06	1.75	20.81	<=33.01	Pass
		25	0	18.31	1.75	20.06	<=33.01	Pass
			13	18.20	1.75	19.95	<=33.01	Pass
			25	18.31	1.75	20.06	<=33.01	Pass
		50	0	18.29	1.75	20.04	<=33.01	Pass
	2685	1	0	20.03	1.75	21.78	<=33.01	Pass
			25	20.00	1.75	21.75	<=33.01	Pass
			49	20.03	1.75	21.78	<=33.01	Pass
		25	0	18.96	1.75	20.71	<=33.01	Pass
			13	19.02	1.75	20.77	<=33.01	Pass
			25	18.99	1.75	20.74	<=33.01	Pass
		50	0	19.04	1.75	20.79	<=33.01	Pass
16QAM	2501	1	0	19.26	1.75	21.01	<=33.01	Pass
			25	19.41	1.75	21.16	<=33.01	Pass
			49	19.13	1.75	20.88	<=33.01	Pass
		25	0	17.84	1.75	19.59	<=33.01	Pass
			13	17.82	1.75	19.57	<=33.01	Pass
			25	17.86	1.75	19.61	<=33.01	Pass
		50	0	17.92	1.75	19.67	<=33.01	Pass
	2593	1	0	18.69	1.75	20.44	<=33.01	Pass
			25	18.99	1.75	20.74	<=33.01	Pass
			49	18.92	1.75	20.67	<=33.01	Pass
		25	0	17.70	1.75	19.45	<=33.01	Pass
			13	17.70	1.75	19.45	<=33.01	Pass
			25	17.61	1.75	19.36	<=33.01	Pass
		50	0	17.23	1.75	18.98	<=33.01	Pass
	2685	1	0	20.45	1.75	22.20	<=33.01	Pass
			25	20.56	1.75	22.31	<=33.01	Pass
			49	20.62	1.75	22.37	<=33.01	Pass
		25	0	18.27	1.75	20.02	<=33.01	Pass
			13	18.23	1.75	19.98	<=33.01	Pass
			25	18.24	1.75	19.99	<=33.01	Pass
		50	0	18.37	1.75	20.12	<=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	19.68	1.75	21.43	<=33.01	Pass
			38	19.69	1.75	21.44	<=33.01	Pass
			74	19.66	1.75	21.41	<=33.01	Pass
		36	0	18.75	1.75	20.50	<=33.01	Pass
			18	18.58	1.75	20.33	<=33.01	Pass
			39	18.60	1.75	20.35	<=33.01	Pass

		75	0	18.62	1.75	20.37	<=33.01	Pass
	2593	1	0	19.29	1.75	21.04	<=33.01	Pass
			38	19.22	1.75	20.97	<=33.01	Pass
			74	19.13	1.75	20.88	<=33.01	Pass
		36	0	18.20	1.75	19.95	<=33.01	Pass
			18	18.23	1.75	19.98	<=33.01	Pass
			39	18.22	1.75	19.97	<=33.01	Pass
		75	0	18.15	1.75	19.90	<=33.01	Pass
	2682.5	1	0	19.93	1.75	21.68	<=33.01	Pass
			38	20.01	1.75	21.76	<=33.01	Pass
			74	20.10	1.75	21.85	<=33.01	Pass
		36	0	18.92	1.75	20.67	<=33.01	Pass
			18	19.00	1.75	20.75	<=33.01	Pass
			39	19.11	1.75	20.86	<=33.01	Pass
		75	0	18.94	1.75	20.69	<=33.01	Pass
16QAM	2503.5	1	0	19.18	1.75	20.93	<=33.01	Pass
			38	19.12	1.75	20.87	<=33.01	Pass
			74	19.24	1.75	20.99	<=33.01	Pass
		36	0	17.86	1.75	19.61	<=33.01	Pass
			18	17.84	1.75	19.59	<=33.01	Pass
			39	17.85	1.75	19.60	<=33.01	Pass
		75	0	17.74	1.75	19.49	<=33.01	Pass
	2593	1	0	18.68	1.75	20.43	<=33.01	Pass
			38	18.85	1.75	20.60	<=33.01	Pass
			74	18.83	1.75	20.58	<=33.01	Pass
		36	0	17.46	1.75	19.21	<=33.01	Pass
			18	17.39	1.75	19.14	<=33.01	Pass
			39	17.45	1.75	19.20	<=33.01	Pass
		75	0	17.39	1.75	19.14	<=33.01	Pass
	2682.5	1	0	20.36	1.75	22.11	<=33.01	Pass
			38	20.52	1.75	22.27	<=33.01	Pass
			74	20.65	1.75	22.40	<=33.01	Pass
		36	0	18.06	1.75	19.81	<=33.01	Pass
			18	18.19	1.75	19.94	<=33.01	Pass
			39	18.15	1.75	19.90	<=33.01	Pass
		75	0	18.26	1.75	20.01	<=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	19.79	1.75	21.54	<=33.01	Pass
			50	19.69	1.75	21.44	<=33.01	Pass
			99	19.51	1.75	21.26	<=33.01	Pass
		50	0	18.61	1.75	20.36	<=33.01	Pass
			25	18.49	1.75	20.24	<=33.01	Pass
			50	18.58	1.75	20.33	<=33.01	Pass
		100	0	18.54	1.75	20.29	<=33.01	Pass
	2593	1	0	19.33	1.75	21.08	<=33.01	Pass
			50	19.29	1.75	21.04	<=33.01	Pass
			99	19.41	1.75	21.16	<=33.01	Pass
		50	0	18.23	1.75	19.98	<=33.01	Pass
			25	18.19	1.75	19.94	<=33.01	Pass
			50	18.27	1.75	20.02	<=33.01	Pass
		100	0	18.30	1.75	20.05	<=33.01	Pass

	2680	1	0	19.85	1.75	21.60	<=33.01	Pass
			50	19.84	1.75	21.59	<=33.01	Pass
			99	20.05	1.75	21.80	<=33.01	Pass
		50	0	18.84	1.75	20.59	<=33.01	Pass
			25	19.02	1.75	20.77	<=33.01	Pass
			50	18.98	1.75	20.73	<=33.01	Pass
		100	0	18.88	1.75	20.63	<=33.01	Pass
16QAM	2506	1	0	20.32	1.75	22.07	<=33.01	Pass
			50	19.94	1.75	21.69	<=33.01	Pass
			99	19.93	1.75	21.68	<=33.01	Pass
		50	0	17.91	1.75	19.66	<=33.01	Pass
			25	17.91	1.75	19.66	<=33.01	Pass
			50	17.96	1.75	19.71	<=33.01	Pass
		100	0	17.84	1.75	19.59	<=33.01	Pass
	2593	1	0	19.71	1.75	21.46	<=33.01	Pass
			50	19.52	1.75	21.27	<=33.01	Pass
			99	19.03	1.75	20.78	<=33.01	Pass
		50	0	17.59	1.75	19.34	<=33.01	Pass
			25	17.48	1.75	19.23	<=33.01	Pass
			50	17.46	1.75	19.21	<=33.01	Pass
		100	0	17.45	1.75	19.20	<=33.01	Pass
	2680	1	0	19.30	1.75	21.05	<=33.01	Pass
			50	19.61	1.75	21.36	<=33.01	Pass
			99	19.49	1.75	21.24	<=33.01	Pass
		50	0	18.13	1.75	19.88	<=33.01	Pass
			25	18.14	1.75	19.89	<=33.01	Pass
			50	18.33	1.75	20.08	<=33.01	Pass
		100	0	18.12	1.75	19.87	<=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	-3.691	-0.0015	-2.5 to 2.5	Pass
					3.85	-35.133	-0.0141	-2.5 to 2.5	Pass
					4.43	2.589	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-7.882	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-7.210	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-11.802	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-14.033	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-14.162	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-8.054	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-10.314	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-11.287	-0.0045	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	19.026	0.0073	-2.5 to 2.5	Pass
					3.85	24.991	0.0096	-2.5 to 2.5	Pass
					4.43	24.376	0.0094	-2.5 to 2.5	Pass
				-30	3.85	35.234	0.0136	-2.5 to 2.5	Pass
				-20	3.85	33.960	0.0131	-2.5 to 2.5	Pass
				-10	3.85	35.863	0.0138	-2.5 to 2.5	Pass

				0	3.85	30.041	0.0116	-2.5 to 2.5	Pass
				10	3.85	35.992	0.0139	-2.5 to 2.5	Pass
				30	3.85	-14.405	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-22.073	-0.0085	-2.5 to 2.5	Pass
				50	3.85	-23.317	-0.0090	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	6.967	0.0026	-2.5 to 2.5	Pass
					3.85	25.878	0.0096	-2.5 to 2.5	Pass
					4.43	40.598	0.0151	-2.5 to 2.5	Pass
				-30	3.85	32.530	0.0121	-2.5 to 2.5	Pass
				-20	3.85	21.186	0.0079	-2.5 to 2.5	Pass
				-10	3.85	34.318	0.0128	-2.5 to 2.5	Pass
				0	3.85	-13.461	-0.0050	-2.5 to 2.5	Pass
				10	3.85	0.100	0.0000	-2.5 to 2.5	Pass
				30	3.85	6.924	0.0026	-2.5 to 2.5	Pass
				40	3.85	15.507	0.0058	-2.5 to 2.5	Pass
				50	3.85	8.225	0.0031	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	3.27	-25.420	-0.0102	-2.5 to 2.5	Pass
					3.85	-17.939	-0.0072	-2.5 to 2.5	Pass
					4.43	-14.534	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-16.580	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-15.178	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-15.721	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-5.565	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-3.862	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-7.696	-0.0031	-2.5 to 2.5	Pass
				40	3.85	4.063	0.0016	-2.5 to 2.5	Pass
				50	3.85	7.310	0.0029	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	-25.606	-0.0099	-2.5 to 2.5	Pass
					3.85	-18.511	-0.0071	-2.5 to 2.5	Pass
					4.43	-13.003	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-18.353	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-12.131	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-8.140	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-1.688	-0.0007	-2.5 to 2.5	Pass
				10	3.85	1.001	0.0004	-2.5 to 2.5	Pass
				30	3.85	5.279	0.0020	-2.5 to 2.5	Pass
				40	3.85	11.873	0.0046	-2.5 to 2.5	Pass
				50	3.85	18.196	0.0070	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	11.816	0.0044	-2.5 to 2.5	Pass
					3.85	28.253	0.0105	-2.5 to 2.5	Pass
					4.43	34.075	0.0127	-2.5 to 2.5	Pass
				-30	3.85	26.050	0.0097	-2.5 to 2.5	Pass
				-20	3.85	-12.345	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	11.945	0.0044	-2.5 to 2.5	Pass
				0	3.85	20.628	0.0077	-2.5 to 2.5	Pass
				10	3.85	28.439	0.0106	-2.5 to 2.5	Pass
				30	3.85	23.947	0.0089	-2.5 to 2.5	Pass
				40	3.85	15.435	0.0057	-2.5 to 2.5	Pass
				50	3.85	0.930	0.0003	-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	20.614	0.0082	-2.5 to 2.5	Pass
					3.85	-39.425	-0.0158	-2.5 to 2.5	Pass

					4.43	-40.727	-0.0163	-2.5 to 2.5	Pass
				-30	3.85	-35.791	-0.0143	-2.5 to 2.5	Pass
				-20	3.85	-28.653	-0.0115	-2.5 to 2.5	Pass
				-10	3.85	-33.073	-0.0132	-2.5 to 2.5	Pass
				0	3.85	-6.080	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-32.959	-0.0132	-2.5 to 2.5	Pass
				30	3.85	-27.165	-0.0109	-2.5 to 2.5	Pass
				40	3.85	-24.505	-0.0098	-2.5 to 2.5	Pass
				50	3.85	-14.019	-0.0056	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	19.684	0.0076	-2.5 to 2.5	Pass
					3.85	24.333	0.0094	-2.5 to 2.5	Pass
					4.43	23.890	0.0092	-2.5 to 2.5	Pass
				-30	3.85	42.357	0.0163	-2.5 to 2.5	Pass
				-20	3.85	-20.285	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	-30.785	-0.0119	-2.5 to 2.5	Pass
				0	3.85	-28.753	-0.0111	-2.5 to 2.5	Pass
				10	3.85	-31.786	-0.0123	-2.5 to 2.5	Pass
				30	3.85	-21.415	-0.0083	-2.5 to 2.5	Pass
				40	3.85	-28.439	-0.0110	-2.5 to 2.5	Pass
				50	3.85	-28.954	-0.0112	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	-2.275	-0.0008	-2.5 to 2.5	Pass
					3.85	23.890	0.0089	-2.5 to 2.5	Pass
					4.43	33.989	0.0127	-2.5 to 2.5	Pass
				-30	3.85	18.897	0.0070	-2.5 to 2.5	Pass
				-20	3.85	37.293	0.0139	-2.5 to 2.5	Pass
				-10	3.85	-4.463	-0.0017	-2.5 to 2.5	Pass
				0	3.85	28.353	0.0106	-2.5 to 2.5	Pass
				10	3.85	16.251	0.0061	-2.5 to 2.5	Pass
				30	3.85	14.319	0.0053	-2.5 to 2.5	Pass
				40	3.85	23.761	0.0088	-2.5 to 2.5	Pass
				50	3.85	38.052	0.0142	-2.5 to 2.5	Pass
16QAM	2501	50	0	20	3.27	-37.279	-0.0149	-2.5 to 2.5	Pass
					3.85	-17.037	-0.0068	-2.5 to 2.5	Pass
					4.43	-41.871	-0.0167	-2.5 to 2.5	Pass
				-30	3.85	-2.818	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-13.475	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-29.554	-0.0118	-2.5 to 2.5	Pass
				0	3.85	-39.697	-0.0159	-2.5 to 2.5	Pass
				10	3.85	-43.387	-0.0173	-2.5 to 2.5	Pass
				30	3.85	-23.003	-0.0092	-2.5 to 2.5	Pass
				40	3.85	-32.001	-0.0128	-2.5 to 2.5	Pass
				50	3.85	-30.141	-0.0121	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	-36.492	-0.0141	-2.5 to 2.5	Pass
					3.85	-38.438	-0.0148	-2.5 to 2.5	Pass
					4.43	4.435	0.0017	-2.5 to 2.5	Pass
				-30	3.85	-1.588	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	12.016	0.0046	-2.5 to 2.5	Pass
				-10	3.85	9.942	0.0038	-2.5 to 2.5	Pass
				0	3.85	14.434	0.0056	-2.5 to 2.5	Pass
				10	3.85	21.787	0.0084	-2.5 to 2.5	Pass
				30	3.85	11.930	0.0046	-2.5 to 2.5	Pass
				40	3.85	15.392	0.0059	-2.5 to 2.5	Pass
				50	3.85	12.832	0.0049	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	-1.531	-0.0006	-2.5 to 2.5	Pass
					3.85	-21.400	-0.0080	-2.5 to 2.5	Pass
					4.43	-32.372	-0.0121	-2.5 to 2.5	Pass
				-30	3.85	-44.618	-0.0166	-2.5 to 2.5	Pass
				-20	3.85	-1.903	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-24.948	-0.0093	-2.5 to 2.5	Pass

				0	3.85	-37.365	-0.0139	-2.5 to 2.5	Pass
				10	3.85	-11.201	-0.0042	-2.5 to 2.5	Pass
				30	3.85	11.702	0.0044	-2.5 to 2.5	Pass
				40	3.85	24.276	0.0090	-2.5 to 2.5	Pass
				50	3.85	-18.740	-0.0070	-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	21.973	0.0088	-2.5 to 2.5	Pass
					3.85	23.847	0.0095	-2.5 to 2.5	Pass
					4.43	21.944	0.0088	-2.5 to 2.5	Pass
				-30	3.85	33.917	0.0135	-2.5 to 2.5	Pass
				-20	3.85	-31.843	-0.0127	-2.5 to 2.5	Pass
				-10	3.85	-30.999	-0.0124	-2.5 to 2.5	Pass
				0	3.85	2.160	0.0009	-2.5 to 2.5	Pass
				10	3.85	-28.081	-0.0112	-2.5 to 2.5	Pass
				30	3.85	-36.063	-0.0144	-2.5 to 2.5	Pass
				40	3.85	-40.956	-0.0164	-2.5 to 2.5	Pass
				50	3.85	-47.865	-0.0191	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	-44.975	-0.0173	-2.5 to 2.5	Pass
					3.85	-34.518	-0.0133	-2.5 to 2.5	Pass
					4.43	-27.208	-0.0105	-2.5 to 2.5	Pass
				-30	3.85	-34.246	-0.0132	-2.5 to 2.5	Pass
				-20	3.85	-22.187	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-41.213	-0.0159	-2.5 to 2.5	Pass
				0	3.85	-26.178	-0.0101	-2.5 to 2.5	Pass
				10	3.85	-26.565	-0.0102	-2.5 to 2.5	Pass
				30	3.85	-42.915	-0.0166	-2.5 to 2.5	Pass
				40	3.85	-38.509	-0.0149	-2.5 to 2.5	Pass
				50	3.85	-37.436	-0.0144	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	-0.029	0.0000	-2.5 to 2.5	Pass
					3.85	-15.593	-0.0058	-2.5 to 2.5	Pass
					4.43	-5.493	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	26.565	0.0099	-2.5 to 2.5	Pass
				-20	3.85	-2.861	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	8.569	0.0032	-2.5 to 2.5	Pass
				0	3.85	20.814	0.0078	-2.5 to 2.5	Pass
				10	3.85	-18.168	-0.0068	-2.5 to 2.5	Pass
				30	3.85	3.276	0.0012	-2.5 to 2.5	Pass
				40	3.85	31.900	0.0119	-2.5 to 2.5	Pass
				50	3.85	10.786	0.0040	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	20	3.27	-49.667	-0.0198	-2.5 to 2.5	Pass
					3.85	-45.176	-0.0180	-2.5 to 2.5	Pass
					4.43	-33.302	-0.0133	-2.5 to 2.5	Pass
				-30	3.85	-43.845	-0.0175	-2.5 to 2.5	Pass
				-20	3.85	-44.103	-0.0176	-2.5 to 2.5	Pass
				-10	3.85	-39.253	-0.0157	-2.5 to 2.5	Pass
				0	3.85	-35.162	-0.0140	-2.5 to 2.5	Pass
				10	3.85	-34.103	-0.0136	-2.5 to 2.5	Pass
				30	3.85	-37.880	-0.0151	-2.5 to 2.5	Pass
				40	3.85	-39.082	-0.0156	-2.5 to 2.5	Pass
				50	3.85	-24.962	-0.0100	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	-30.227	-0.0117	-2.5 to 2.5	Pass
					3.85	-35.205	-0.0136	-2.5 to 2.5	Pass

					4.43	-12.074	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-48.137	-0.0186	-2.5 to 2.5	Pass
				-20	3.85	-36.650	-0.0141	-2.5 to 2.5	Pass
				-10	3.85	-25.034	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-42.415	-0.0164	-2.5 to 2.5	Pass
				10	3.85	-30.456	-0.0117	-2.5 to 2.5	Pass
				30	3.85	1.545	0.0006	-2.5 to 2.5	Pass
				40	3.85	-9.956	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-8.740	-0.0034	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	36.578	0.0136	-2.5 to 2.5	Pass
					3.85	-1.917	-0.0007	-2.5 to 2.5	Pass
					4.43	20.843	0.0078	-2.5 to 2.5	Pass
				-30	3.85	36.035	0.0134	-2.5 to 2.5	Pass
				-20	3.85	22.717	0.0085	-2.5 to 2.5	Pass
				-10	3.85	4.148	0.0015	-2.5 to 2.5	Pass
				0	3.85	39.239	0.0146	-2.5 to 2.5	Pass
				10	3.85	-9.956	-0.0037	-2.5 to 2.5	Pass
				30	3.85	14.091	0.0053	-2.5 to 2.5	Pass
				40	3.85	27.995	0.0104	-2.5 to 2.5	Pass
				50	3.85	4.520	0.0017	-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	16.165	0.0065	-2.5 to 2.5	Pass
					3.85	-21.486	-0.0086	-2.5 to 2.5	Pass
					4.43	-31.943	-0.0127	-2.5 to 2.5	Pass
				-30	3.85	-32.258	-0.0129	-2.5 to 2.5	Pass
				-20	3.85	-35.534	-0.0142	-2.5 to 2.5	Pass
				-10	3.85	-26.679	-0.0106	-2.5 to 2.5	Pass
				0	3.85	-39.754	-0.0159	-2.5 to 2.5	Pass
				10	3.85	-34.518	-0.0138	-2.5 to 2.5	Pass
				30	3.85	-22.144	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-21.415	-0.0085	-2.5 to 2.5	Pass
				50	3.85	-25.091	-0.0100	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	26.407	0.0102	-2.5 to 2.5	Pass
					3.85	-4.992	-0.0019	-2.5 to 2.5	Pass
					4.43	-30.069	-0.0116	-2.5 to 2.5	Pass
				-30	3.85	-44.160	-0.0170	-2.5 to 2.5	Pass
				-20	3.85	-21.358	-0.0082	-2.5 to 2.5	Pass
				-10	3.85	-48.394	-0.0187	-2.5 to 2.5	Pass
				0	3.85	12.002	0.0046	-2.5 to 2.5	Pass
				10	3.85	1.345	0.0005	-2.5 to 2.5	Pass
				30	3.85	-11.630	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-9.284	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	29.726	0.0111	-2.5 to 2.5	Pass
					3.85	26.708	0.0100	-2.5 to 2.5	Pass
					4.43	25.249	0.0094	-2.5 to 2.5	Pass
				-30	3.85	10.371	0.0039	-2.5 to 2.5	Pass
				-20	3.85	34.661	0.0129	-2.5 to 2.5	Pass
				-10	3.85	24.548	0.0092	-2.5 to 2.5	Pass
				0	3.85	18.597	0.0069	-2.5 to 2.5	Pass
				10	3.85	20.771	0.0078	-2.5 to 2.5	Pass
				30	3.85	39.968	0.0149	-2.5 to 2.5	Pass

				40	3.85	6.523	0.0024	-2.5 to 2.5	Pass
				50	3.85	27.981	0.0104	-2.5 to 2.5	Pass
16QAM	2506	100	0	20	3.27	-20.056	-0.0080	-2.5 to 2.5	Pass
					3.85	-35.076	-0.0140	-2.5 to 2.5	Pass
					4.43	-10.600	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-27.237	-0.0109	-2.5 to 2.5	Pass
				-20	3.85	-43.988	-0.0176	-2.5 to 2.5	Pass
				-10	3.85	-22.745	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-28.310	-0.0113	-2.5 to 2.5	Pass
				10	3.85	-34.819	-0.0139	-2.5 to 2.5	Pass
				30	3.85	-27.251	-0.0109	-2.5 to 2.5	Pass
				40	3.85	-11.945	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-19.183	-0.0077	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	-15.135	-0.0058	-2.5 to 2.5	Pass
					3.85	-32.115	-0.0124	-2.5 to 2.5	Pass
					4.43	-34.933	-0.0135	-2.5 to 2.5	Pass
				-30	3.85	-47.836	-0.0184	-2.5 to 2.5	Pass
				-20	3.85	-49.310	-0.0190	-2.5 to 2.5	Pass
				-10	3.85	-36.449	-0.0141	-2.5 to 2.5	Pass
				0	3.85	-45.819	-0.0177	-2.5 to 2.5	Pass
				10	3.85	-34.976	-0.0135	-2.5 to 2.5	Pass
				30	3.85	-31.843	-0.0123	-2.5 to 2.5	Pass
				40	3.85	-40.212	-0.0155	-2.5 to 2.5	Pass
				50	3.85	-54.431	-0.0210	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	-5.836	-0.0022	-2.5 to 2.5	Pass
					3.85	10.085	0.0038	-2.5 to 2.5	Pass
					4.43	39.082	0.0146	-2.5 to 2.5	Pass
				-30	3.85	-8.812	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	5.050	0.0019	-2.5 to 2.5	Pass
				-10	3.85	27.194	0.0101	-2.5 to 2.5	Pass
				0	3.85	8.311	0.0031	-2.5 to 2.5	Pass
				10	3.85	-18.311	-0.0068	-2.5 to 2.5	Pass
				30	3.85	15.550	0.0058	-2.5 to 2.5	Pass
				40	3.85	-10.185	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-31.900	-0.0119	-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

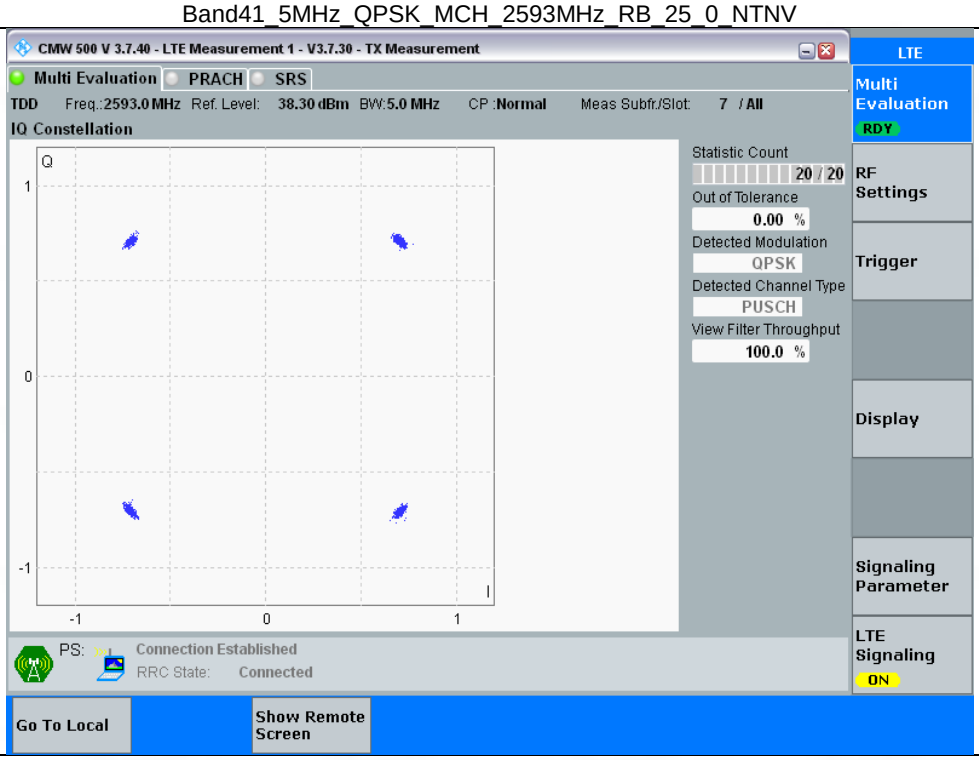
3.1.4 B41_20MHz

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

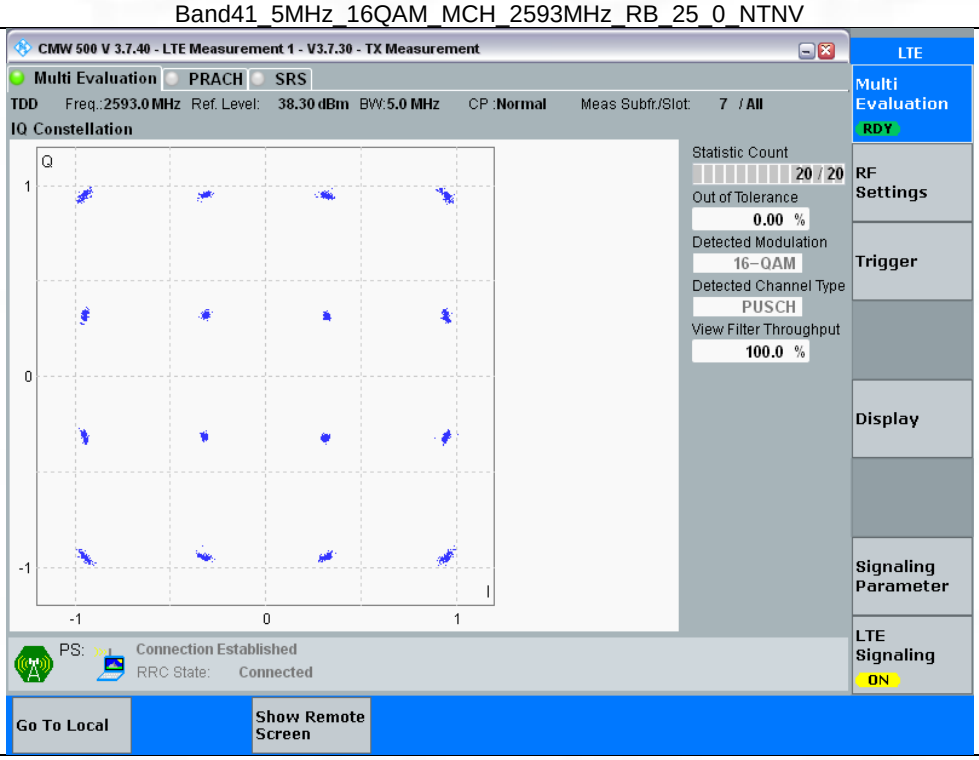
3.2 Test Graph

3.2.1 B41_5MHz

Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV

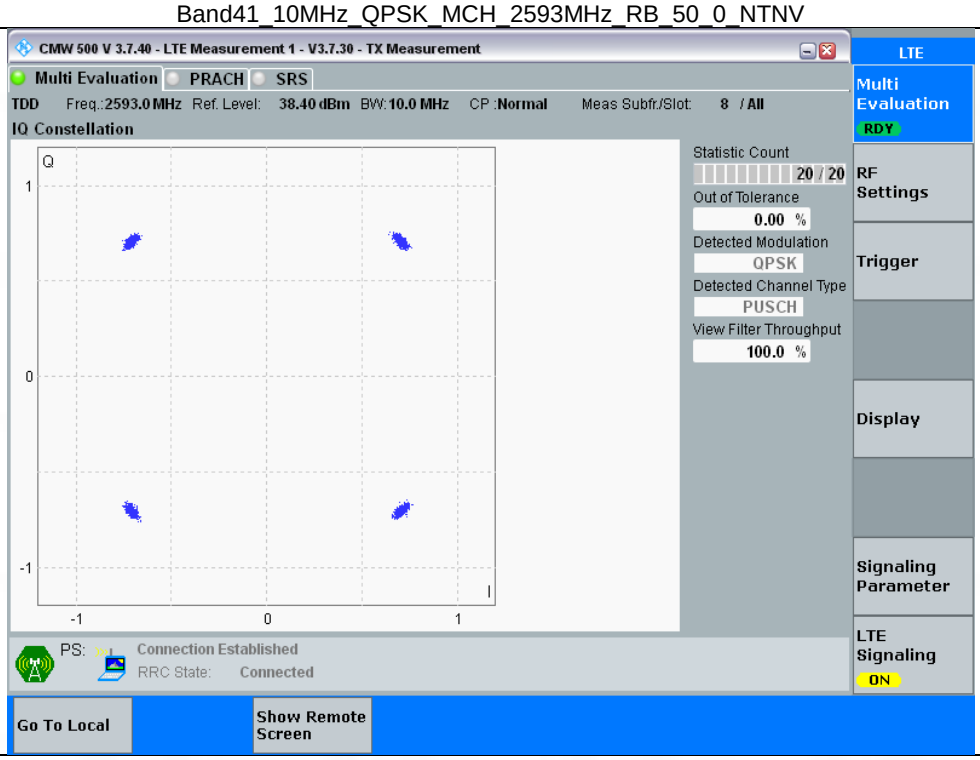


Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV

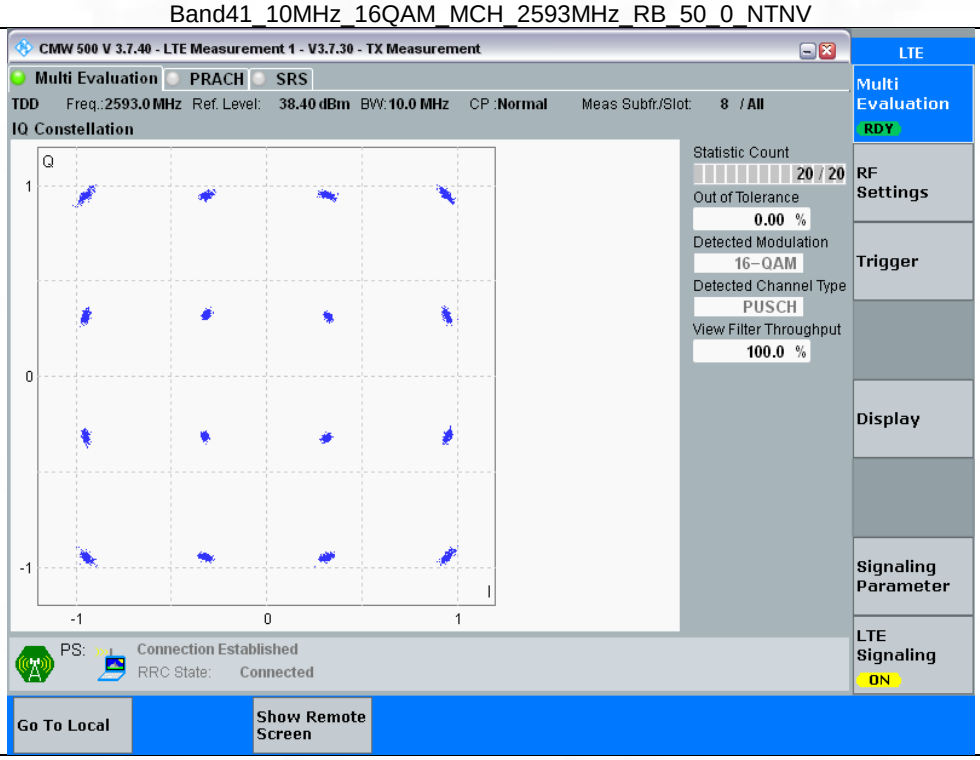


3.2.2 B41_10MHz

Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV

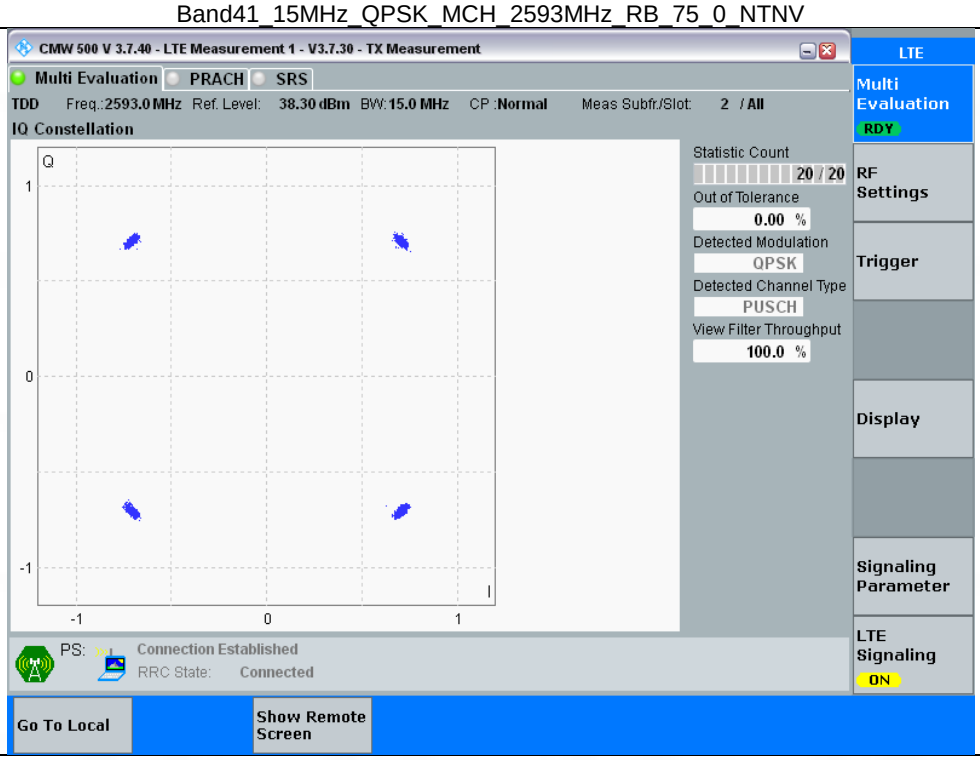


Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV

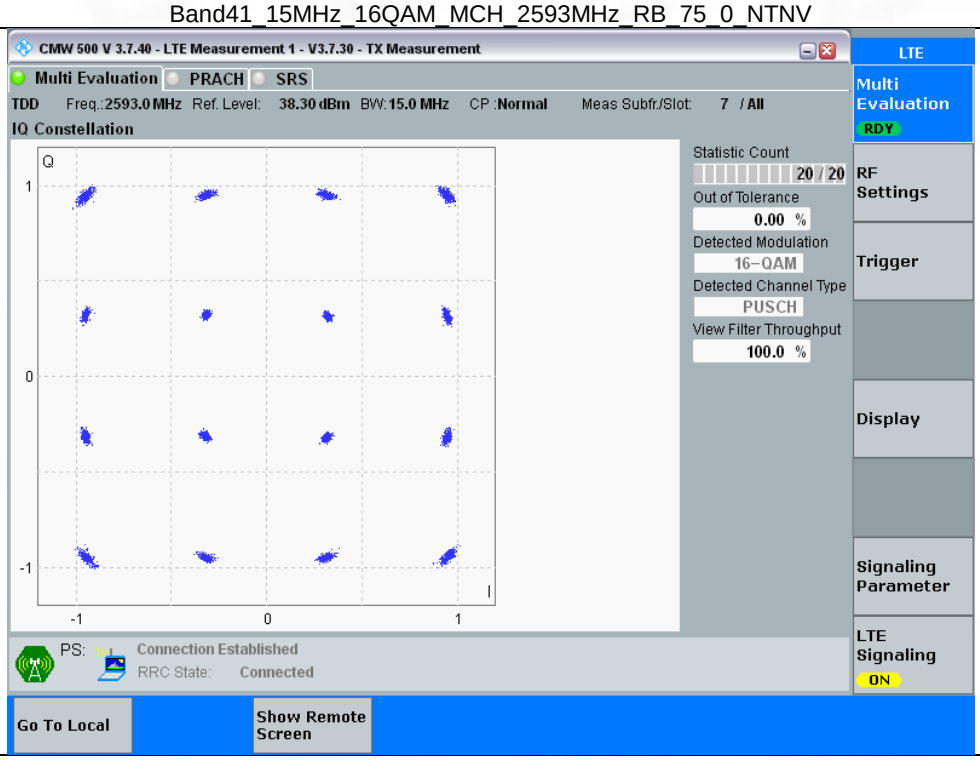


3.2.3 B41_15MHz

Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV

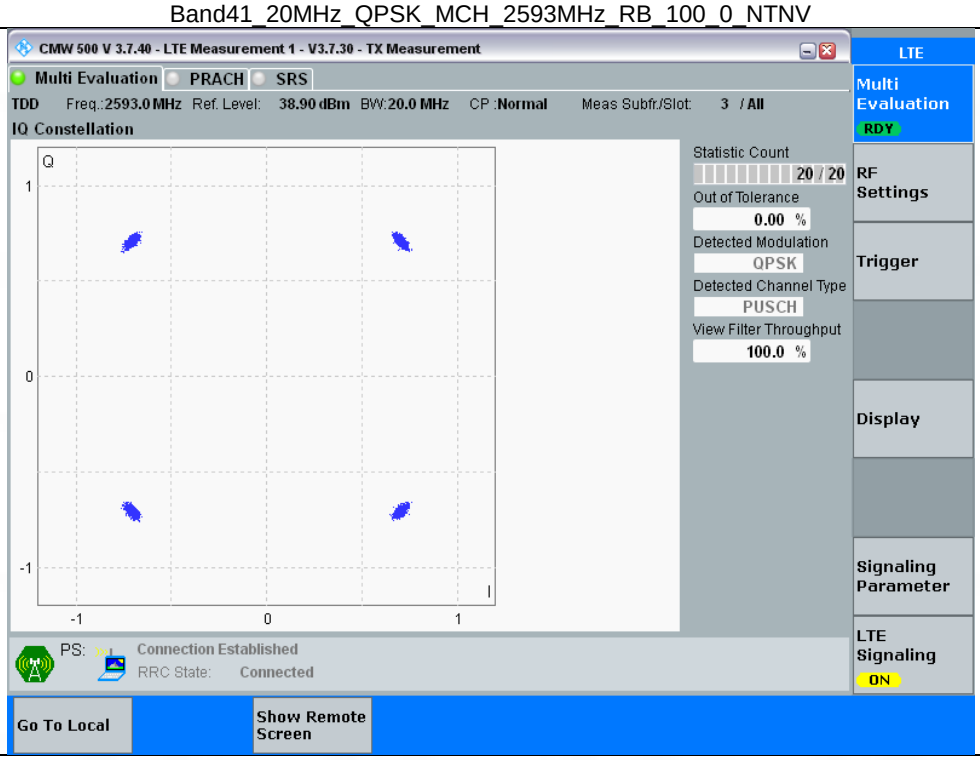


Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV

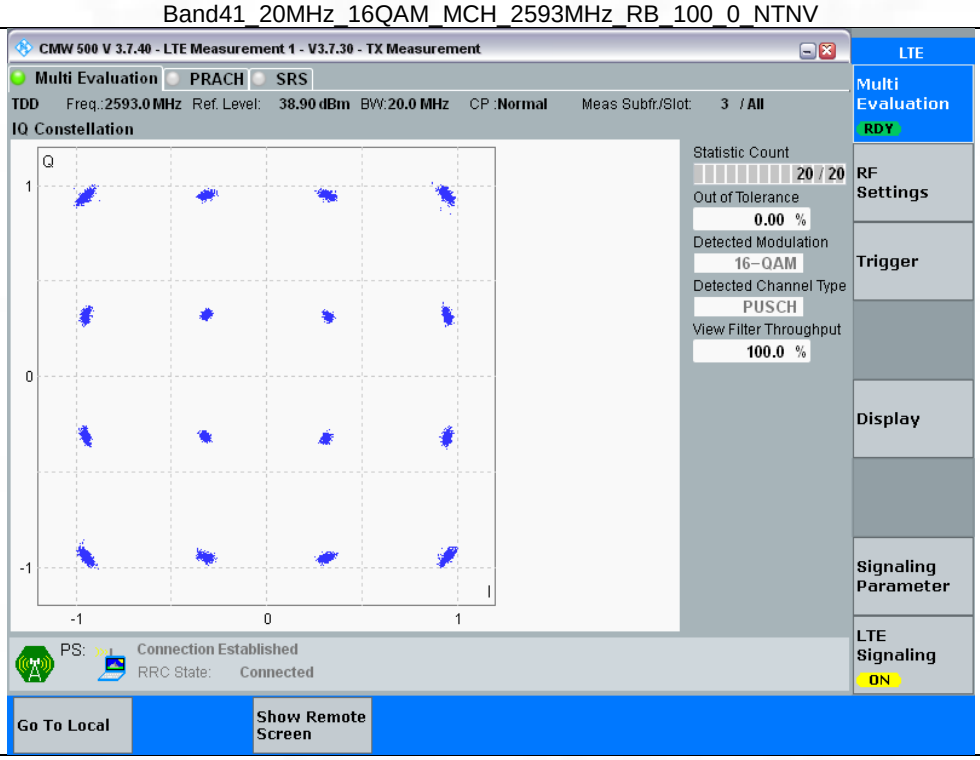


3.2.4 B41_20MHz

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	4.554	/	Pass
		2593	25	0	4.549	/	Pass
		2687.5	25	0	4.547	/	Pass
	16QAM	2498.5	25	0	4.566	/	Pass
		2593	25	0	4.545	/	Pass
		2687.5	25	0	4.595	/	Pass
10	QPSK	2501	50	0	9.064	/	Pass
		2593	50	0	9.080	/	Pass
		2685	50	0	9.072	/	Pass
	16QAM	2501	50	0	9.022	/	Pass
		2593	50	0	9.084	/	Pass
		2685	50	0	9.123	/	Pass
15	QPSK	2503.5	75	0	13.609	/	Pass
		2593	75	0	13.590	/	Pass
		2682.5	75	0	13.560	/	Pass
	16QAM	2503.5	75	0	13.588	/	Pass
		2593	75	0	13.622	/	Pass
		2682.5	75	0	13.636	/	Pass
20	QPSK	2506	100	0	18.151	/	Pass
		2593	100	0	18.052	/	Pass
		2680	100	0	18.178	/	Pass
	16QAM	2506	100	0	18.105	/	Pass
		2593	100	0	18.136	/	Pass
		2680	100	0	18.110	/	Pass

4.1.2 Band41_XDB

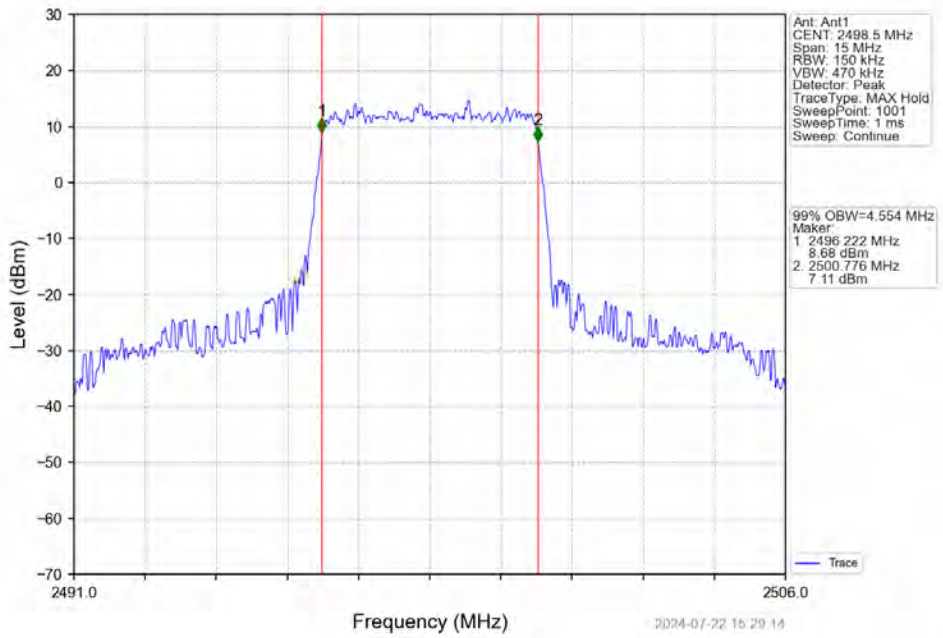
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.072	/	Pass
		2593	25	0	5.012	/	Pass
		2687.5	25	0	5.061	/	Pass
	16QAM	2498.5	25	0	5.035	/	Pass
		2593	25	0	5.072	/	Pass
		2687.5	25	0	5.087	/	Pass
10	QPSK	2501	50	0	10.007	/	Pass
		2593	50	0	10.018	/	Pass
		2685	50	0	10.103	/	Pass
	16QAM	2501	50	0	9.619	/	Pass
		2593	50	0	10.016	/	Pass
		2685	50	0	10.183	/	Pass
15	QPSK	2503.5	75	0	15.269	/	Pass
		2593	75	0	15.392	/	Pass
		2682.5	75	0	15.164	/	Pass

	16QAM	2503.5	75	0	15.113	/	Pass
		2593	75	0	15.182	/	Pass
		2682.5	75	0	15.204	/	Pass
20	QPSK	2506	100	0	19.899	/	Pass
		2593	100	0	19.317	/	Pass
		2680	100	0	20.936	/	Pass
	16QAM	2506	100	0	19.931	/	Pass
		2593	100	0	19.528	/	Pass
		2680	100	0	20.654	/	Pass

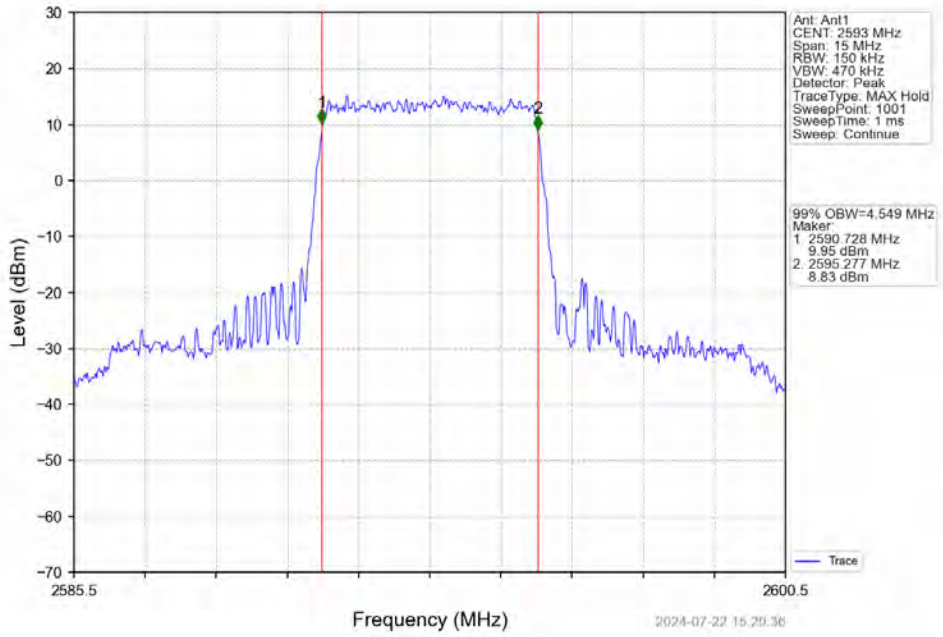
4.2 Test Graph

4.2.1 Band41_OBW

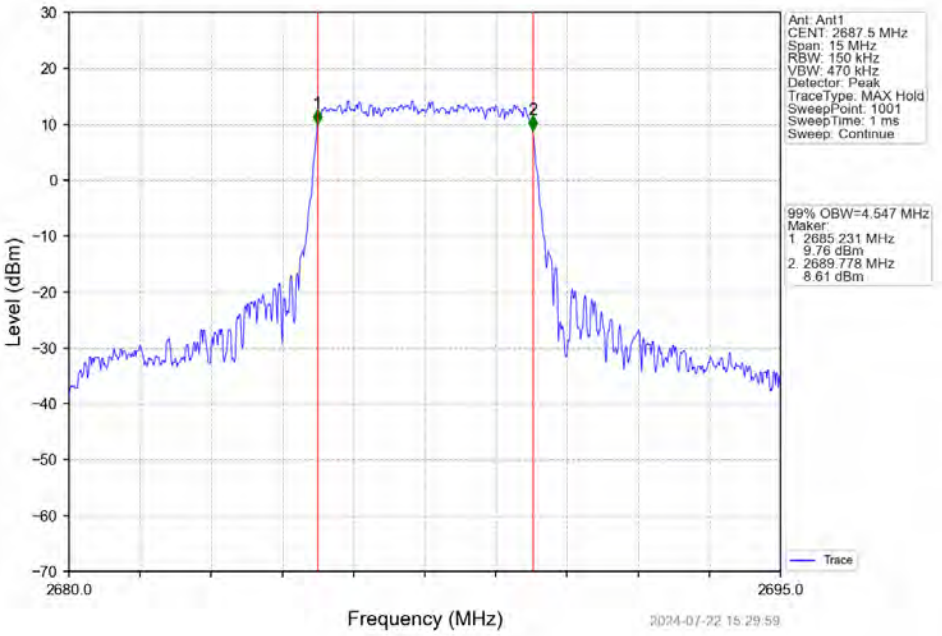
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



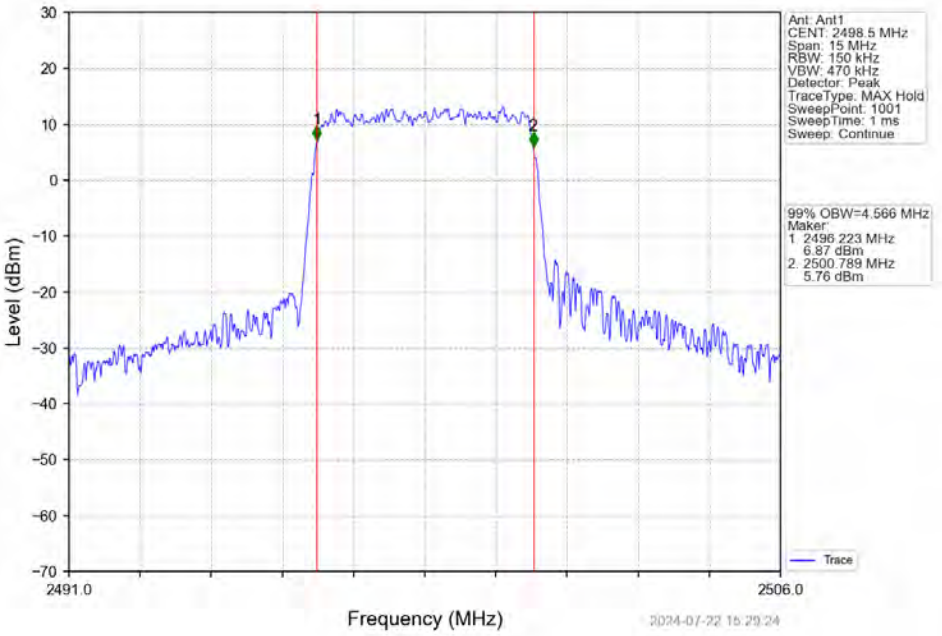
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



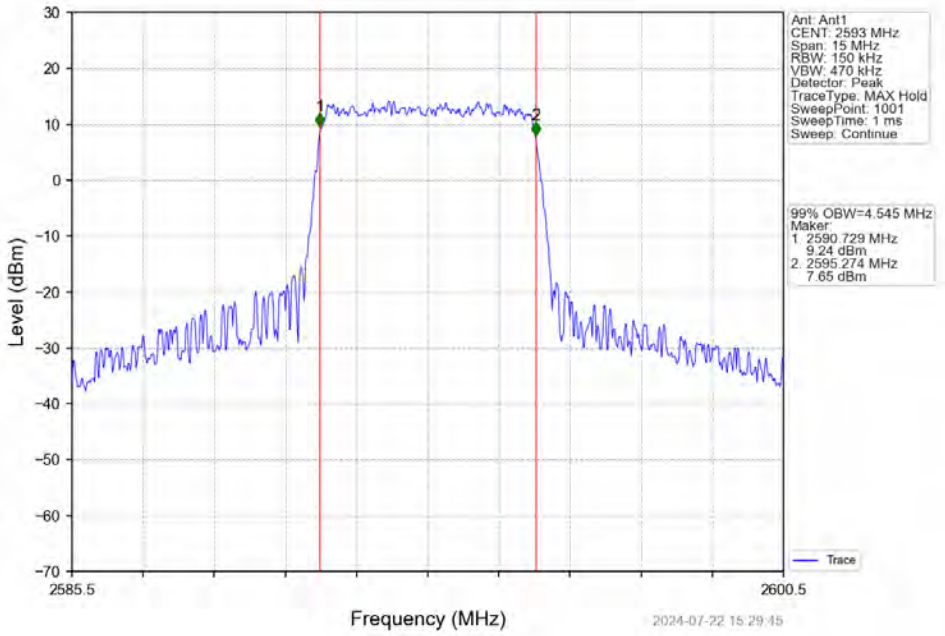
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



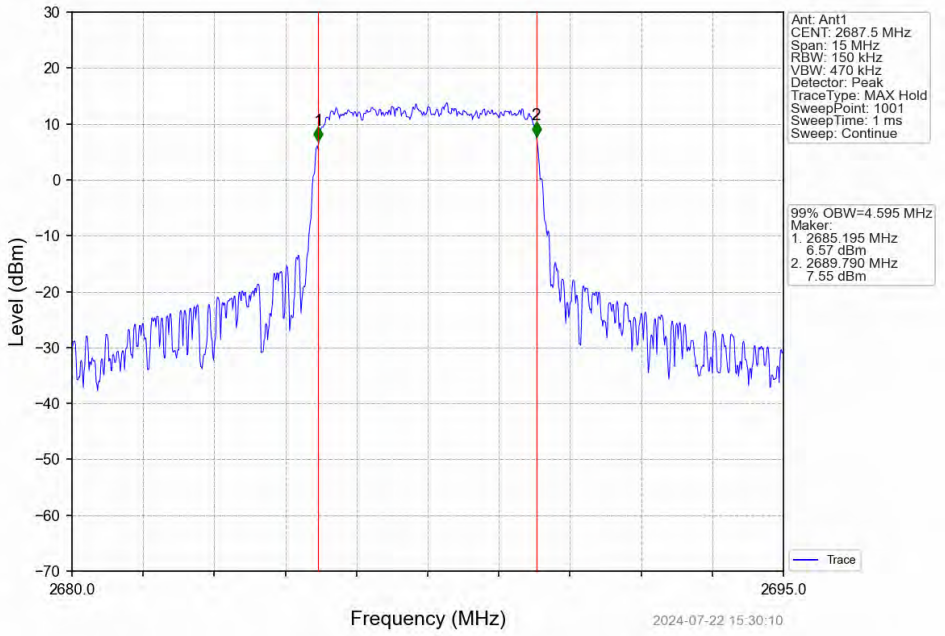
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



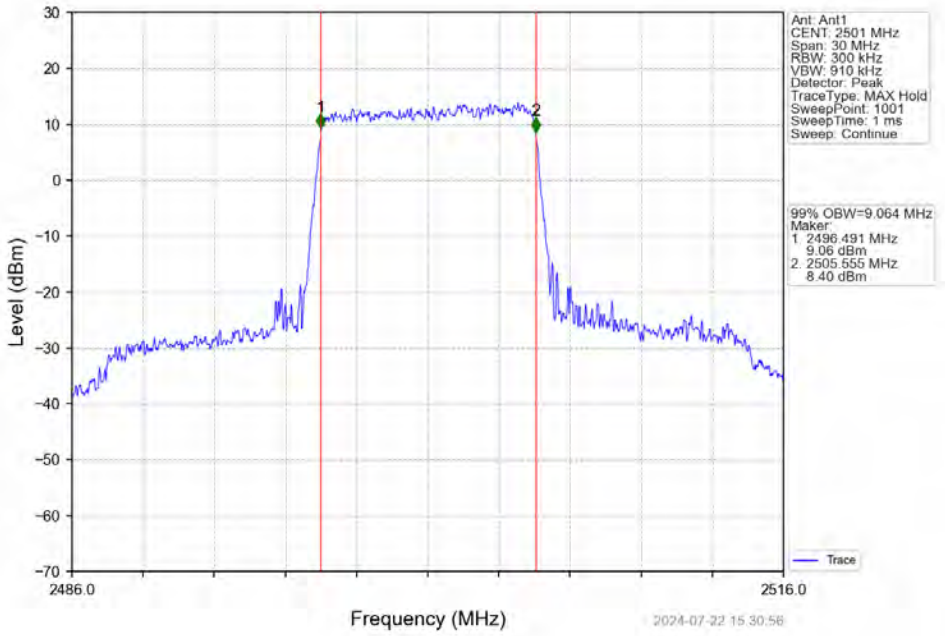
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



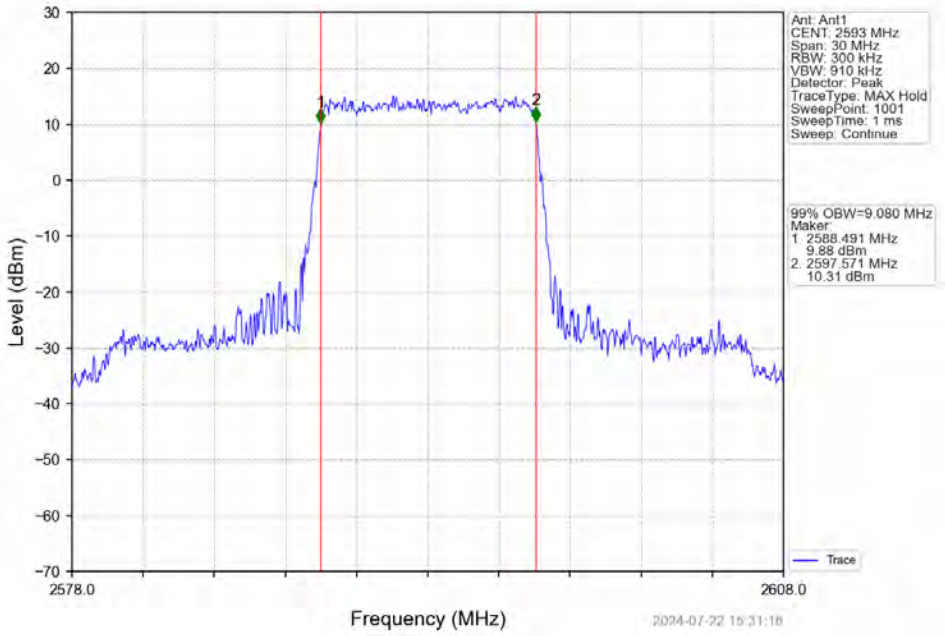
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



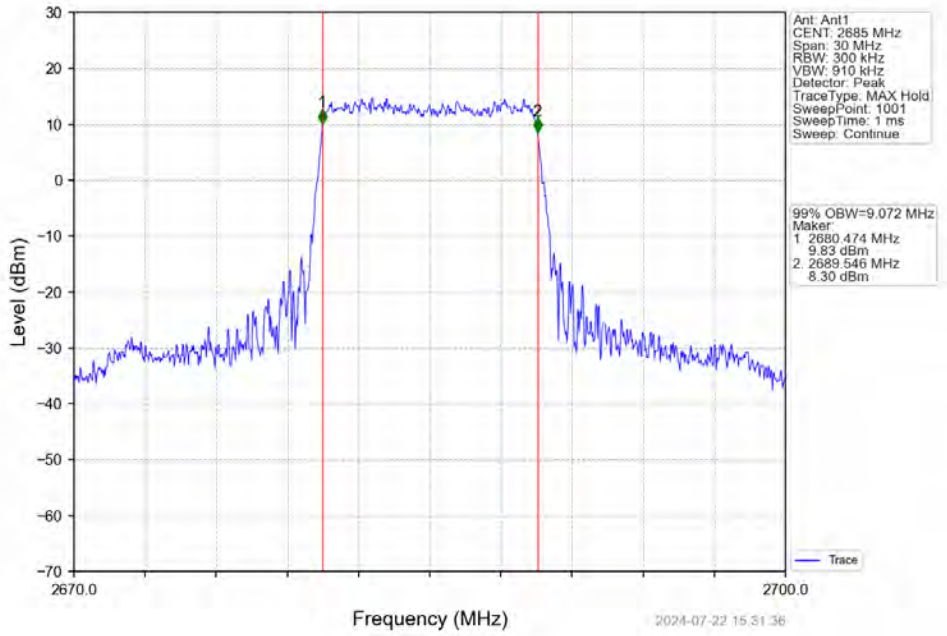
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



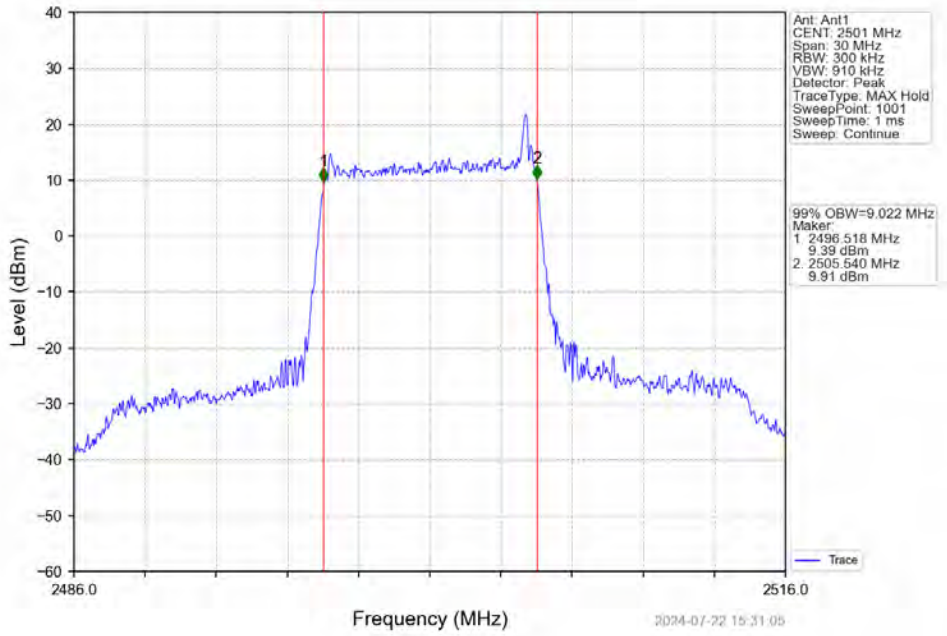
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



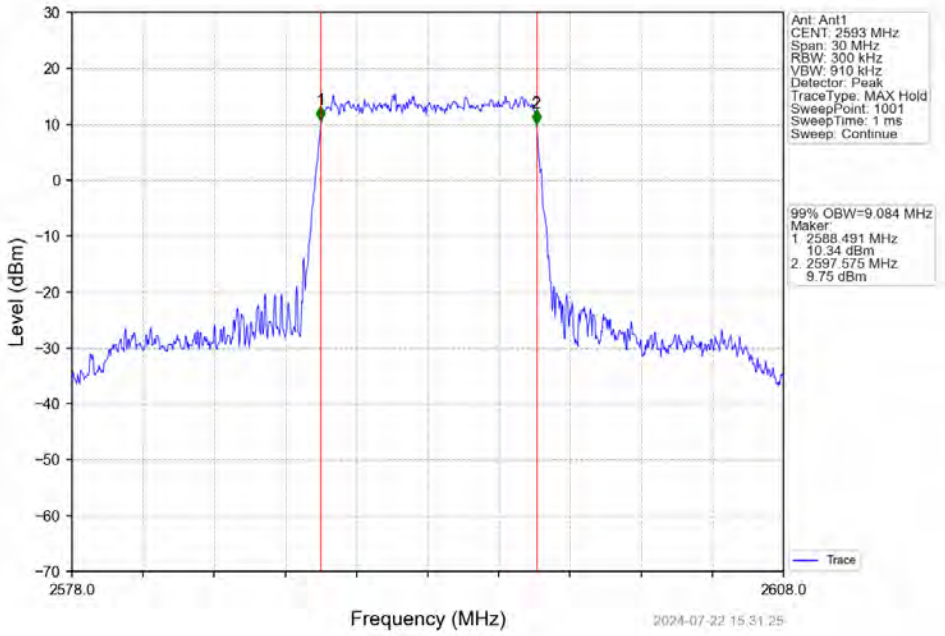
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



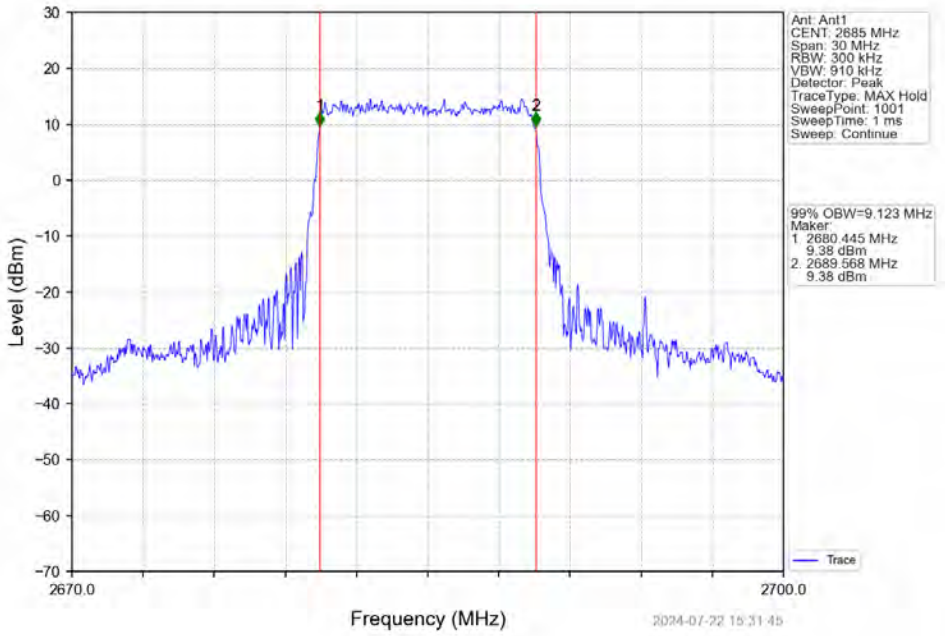
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



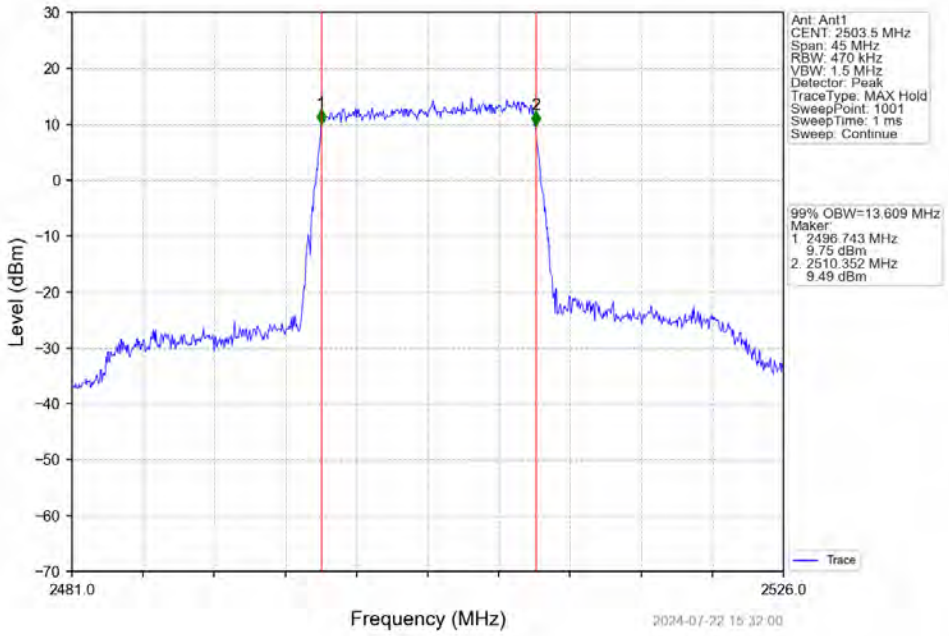
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



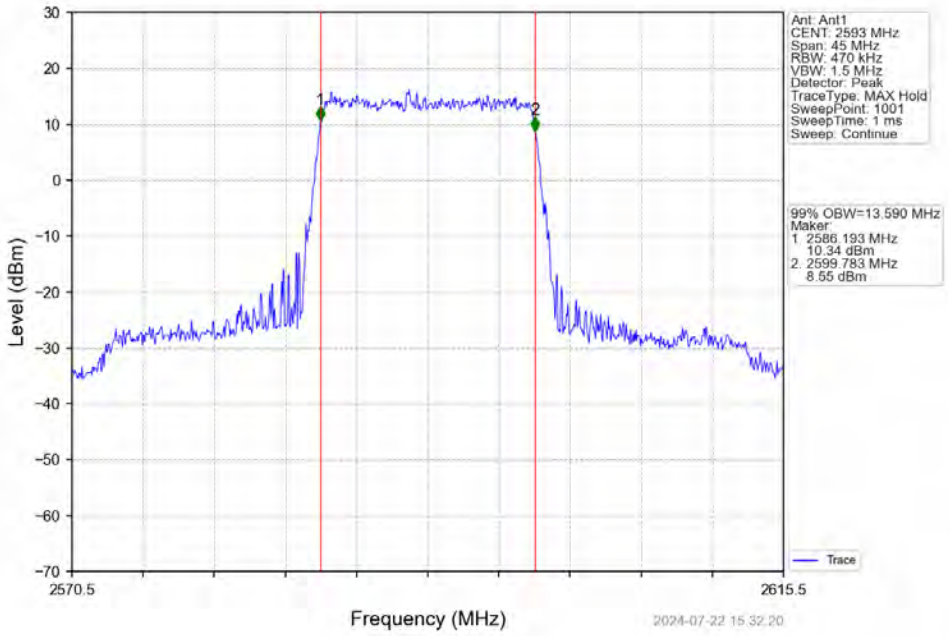
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



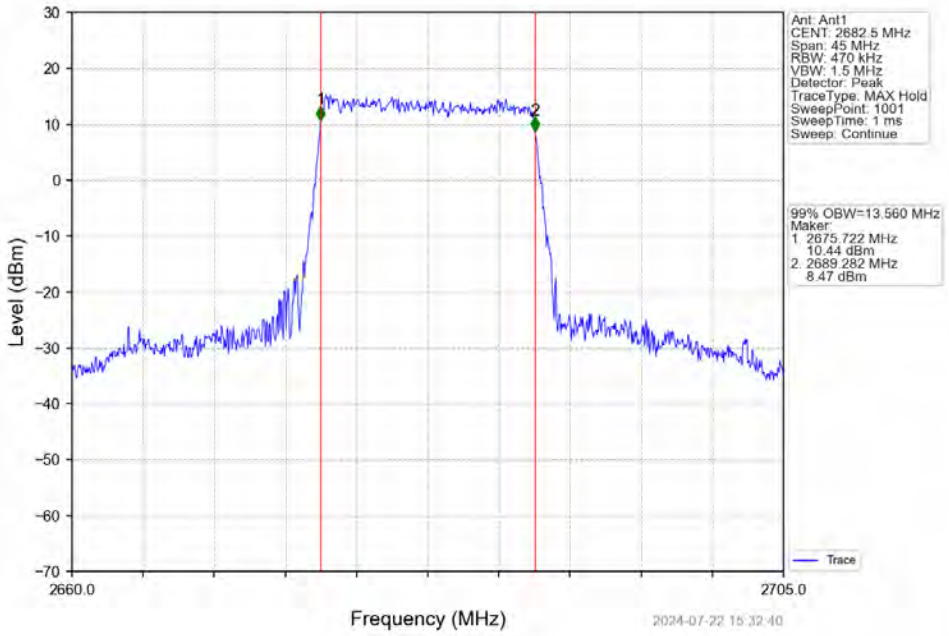
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



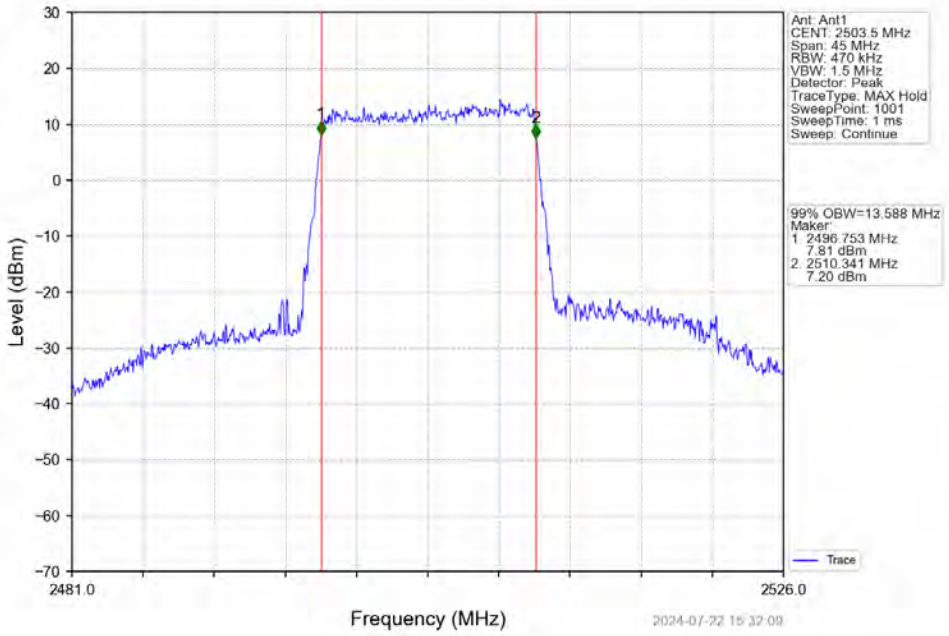
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



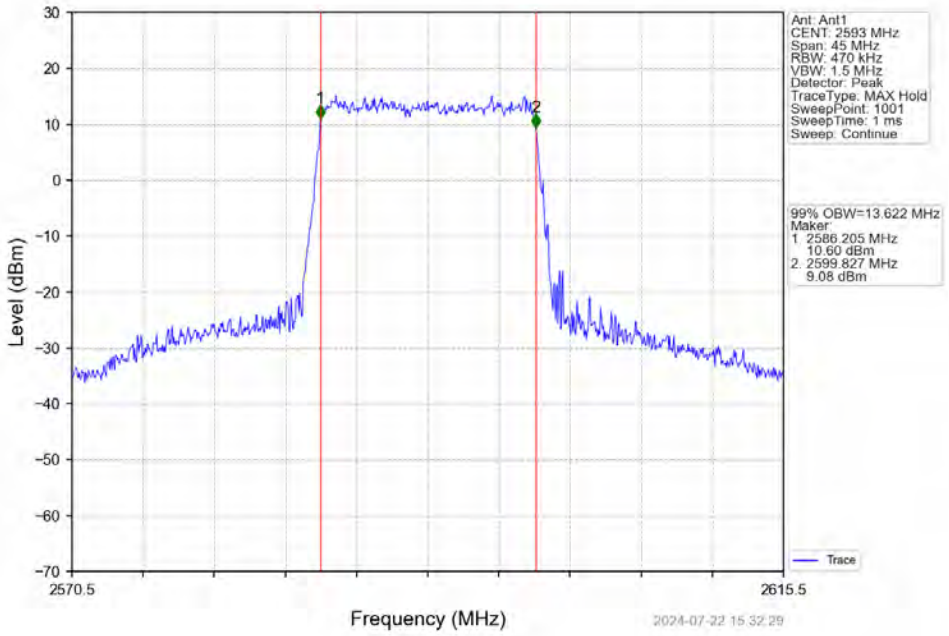
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



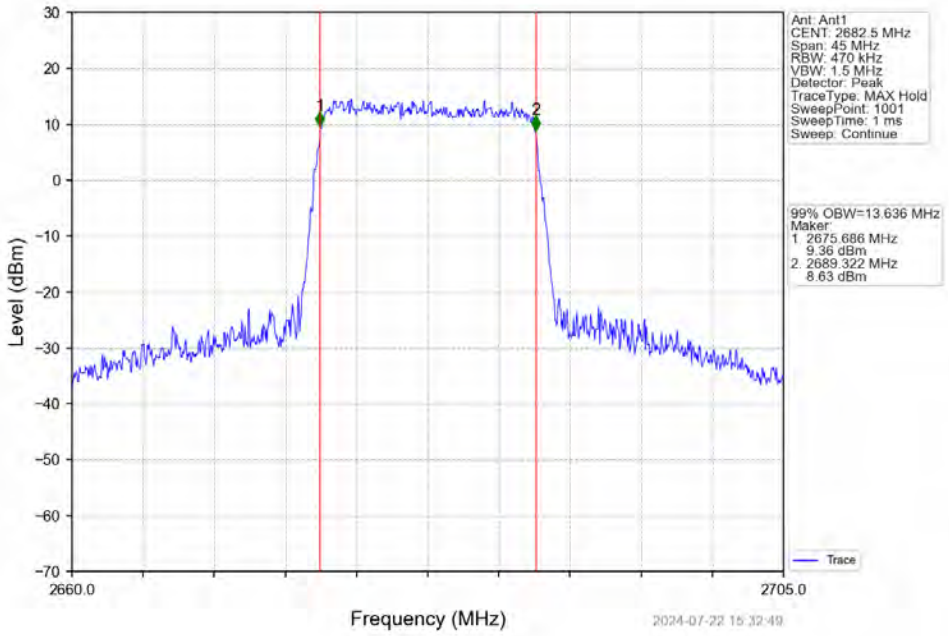
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



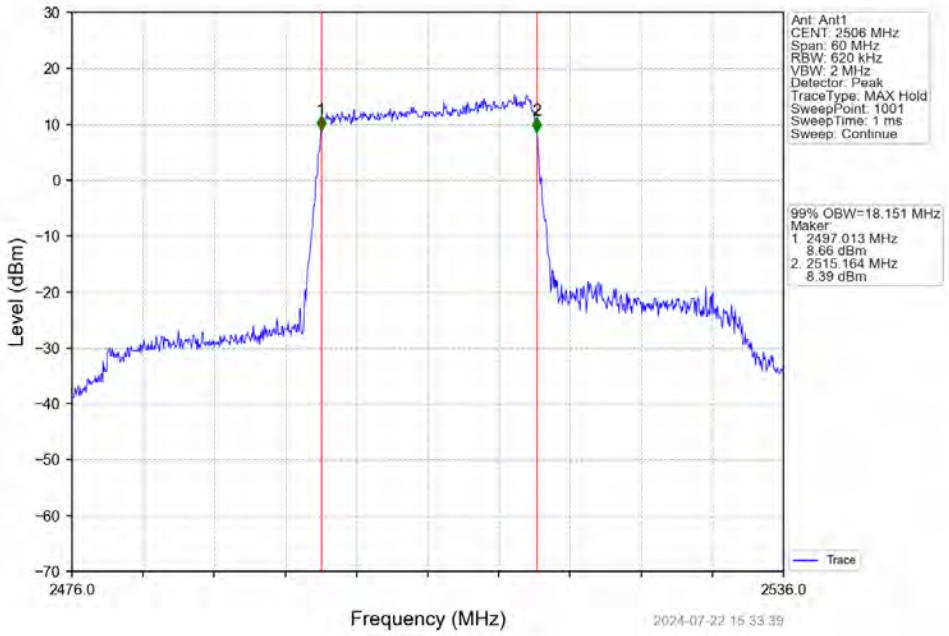
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



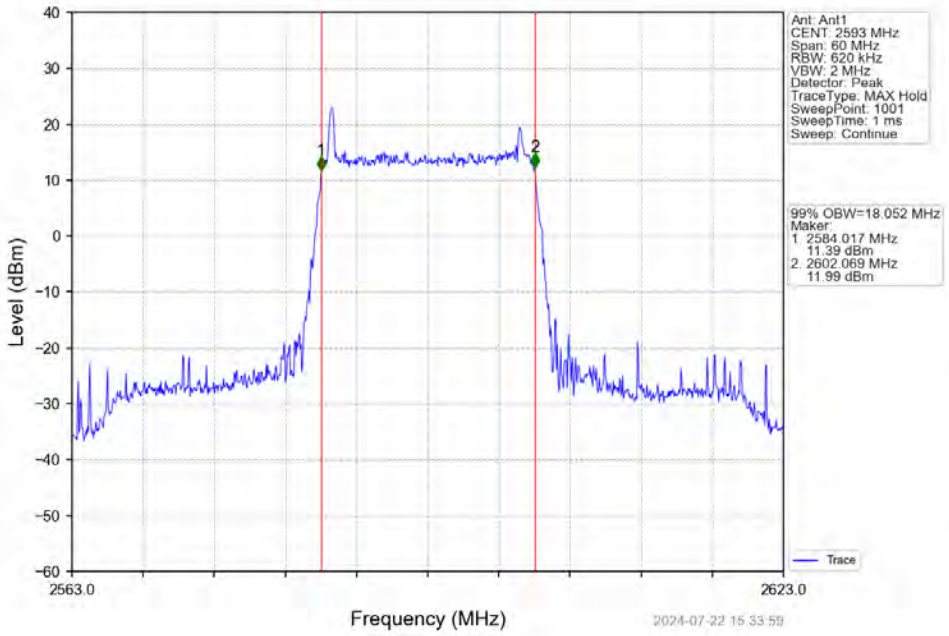
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



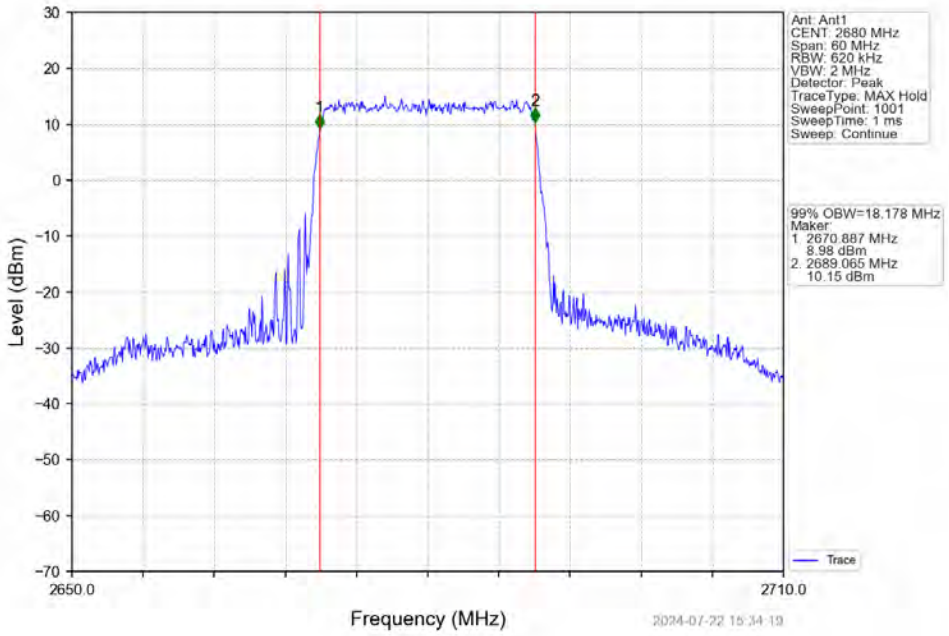
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



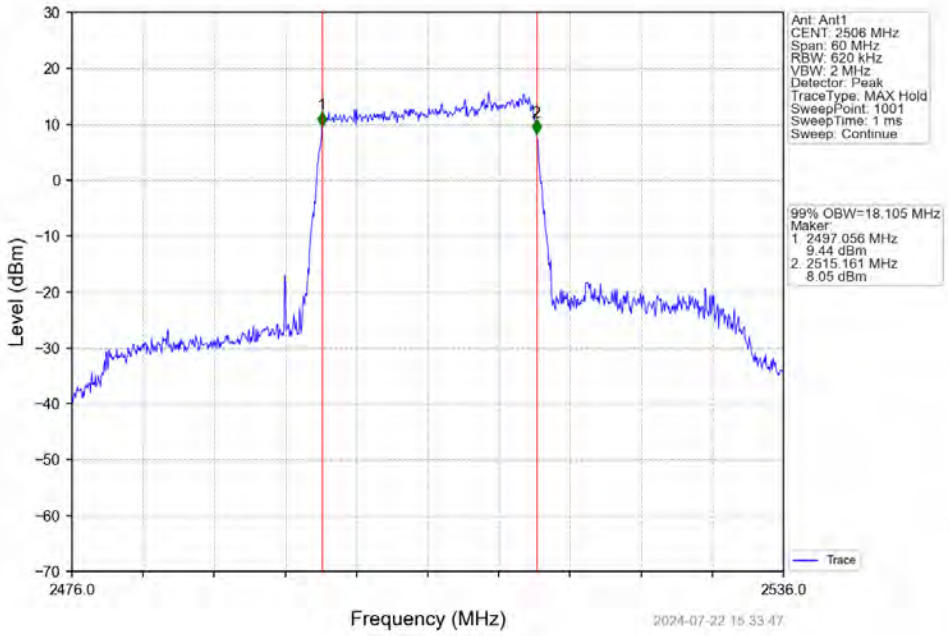
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



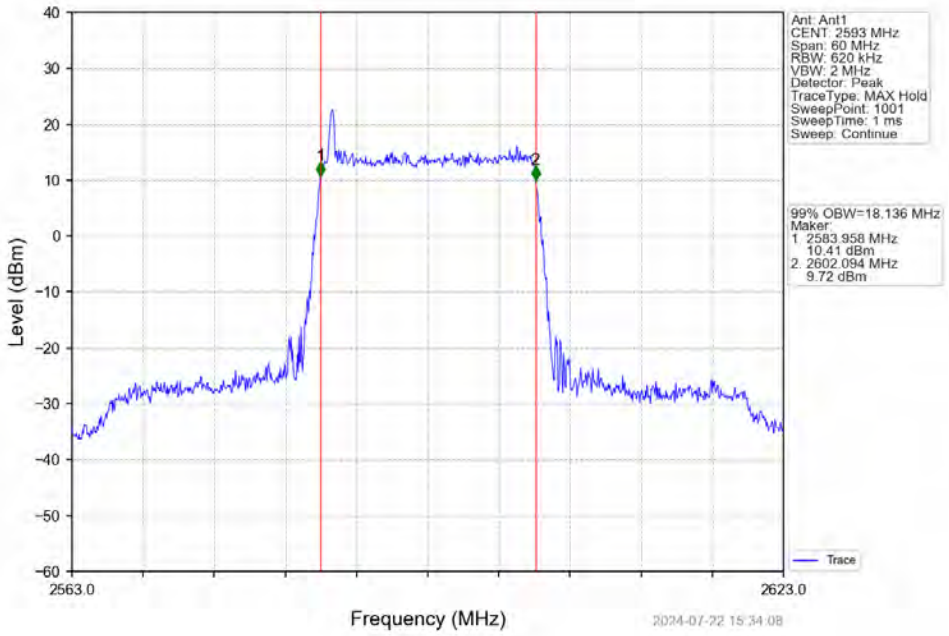
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



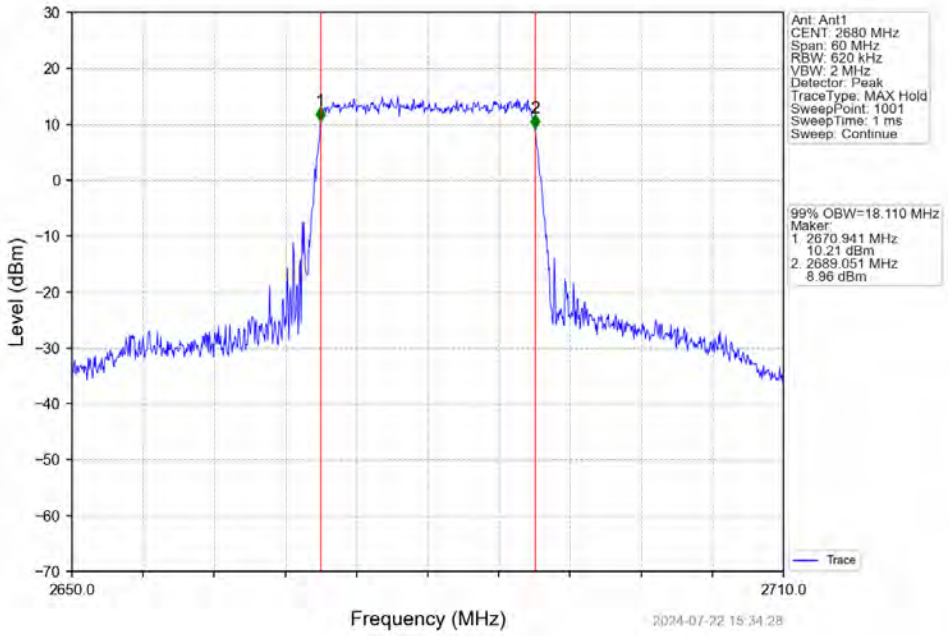
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV

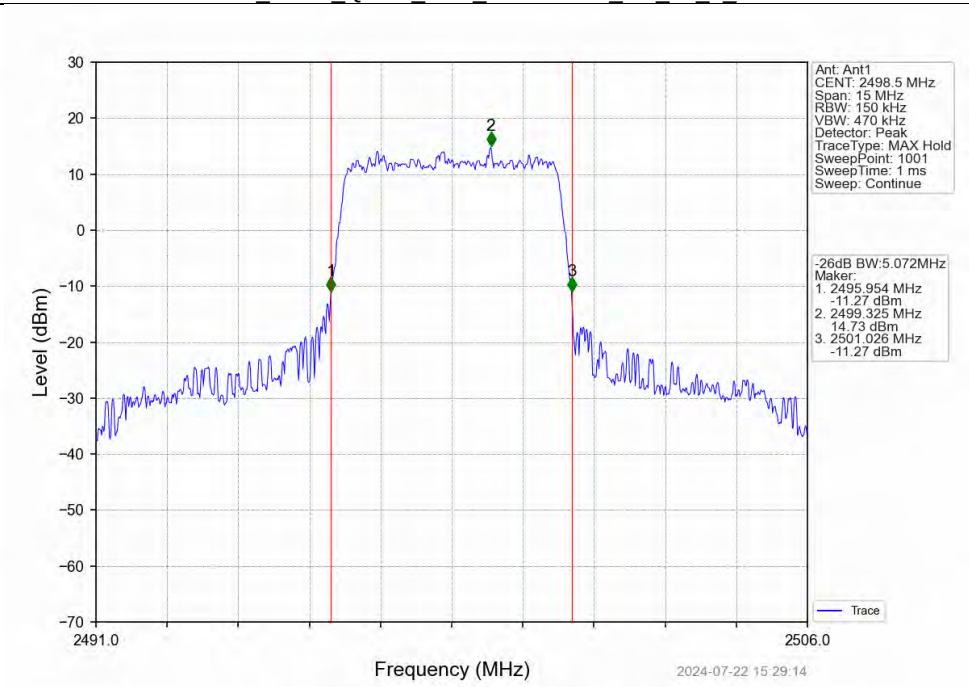


Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV

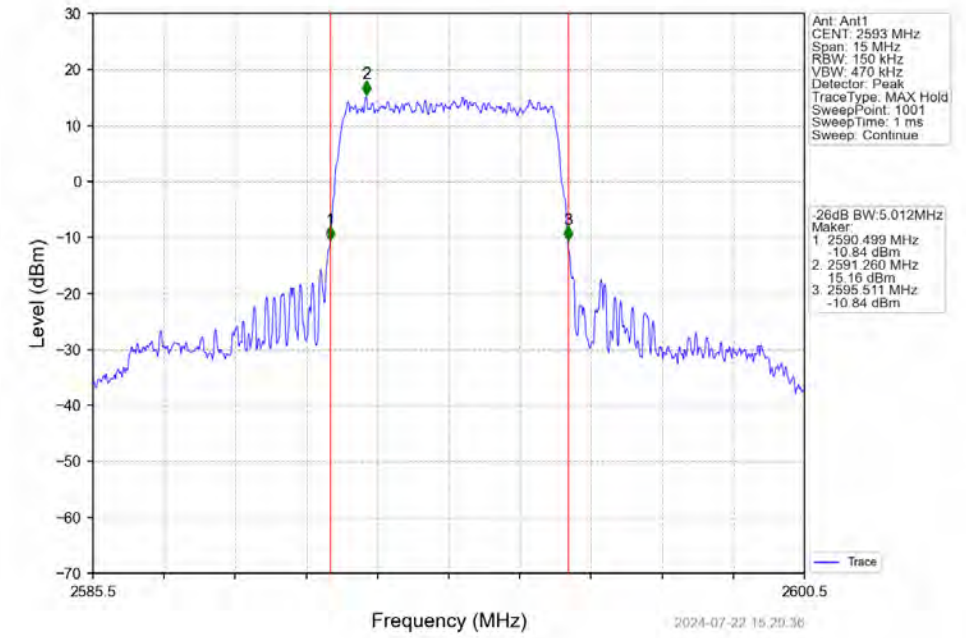


4.2.2 Band41_XDB

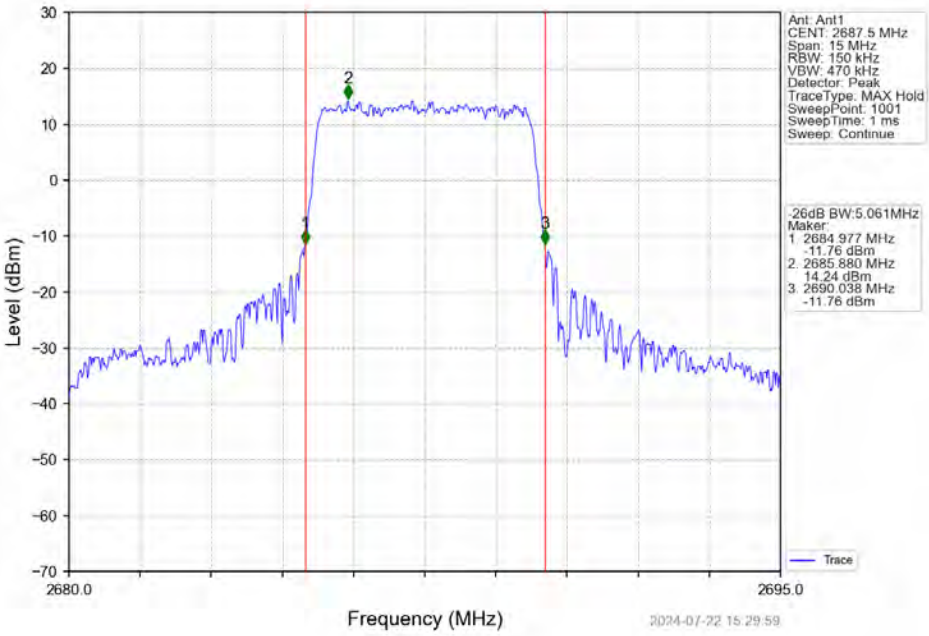
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



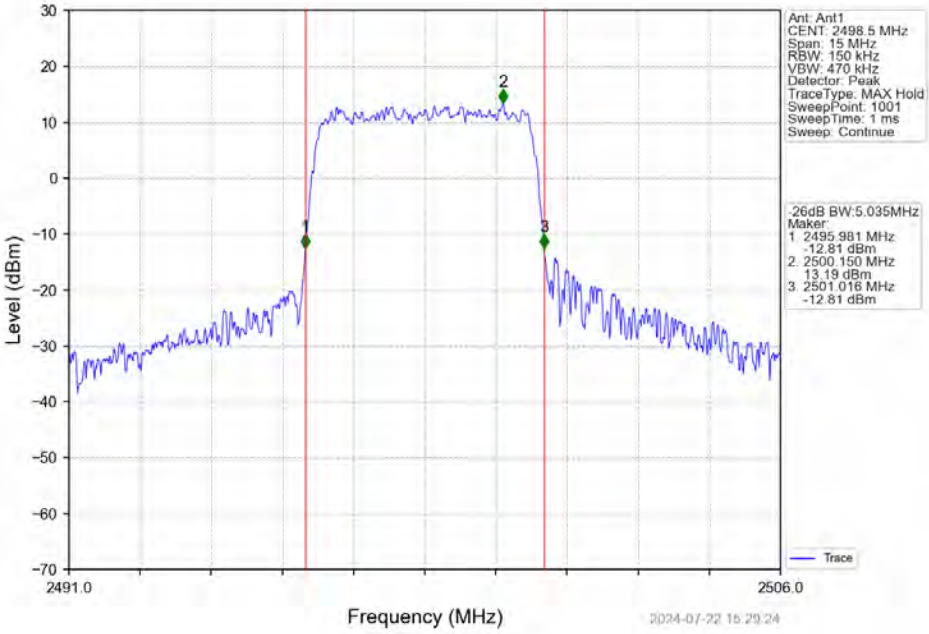
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



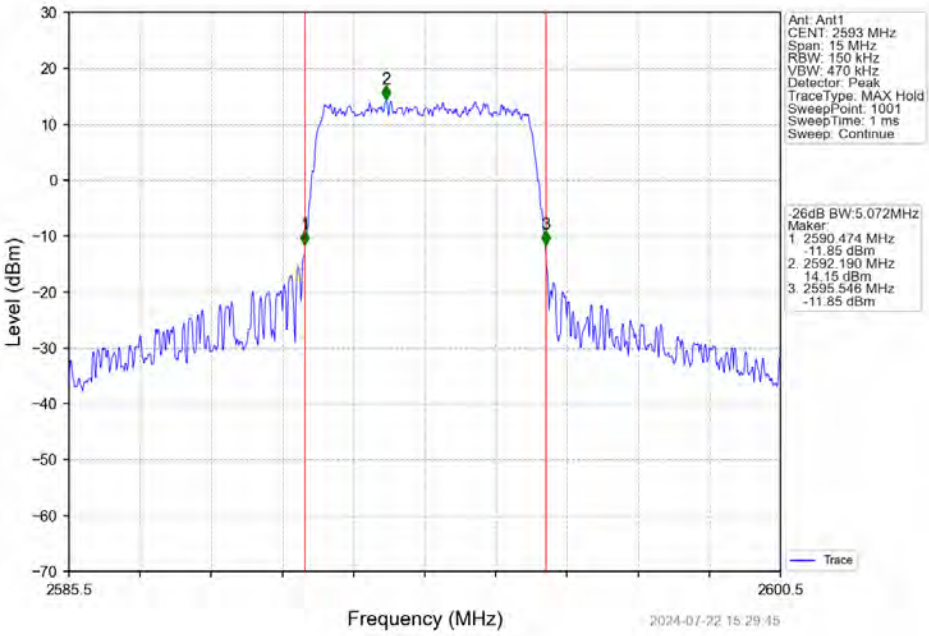
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



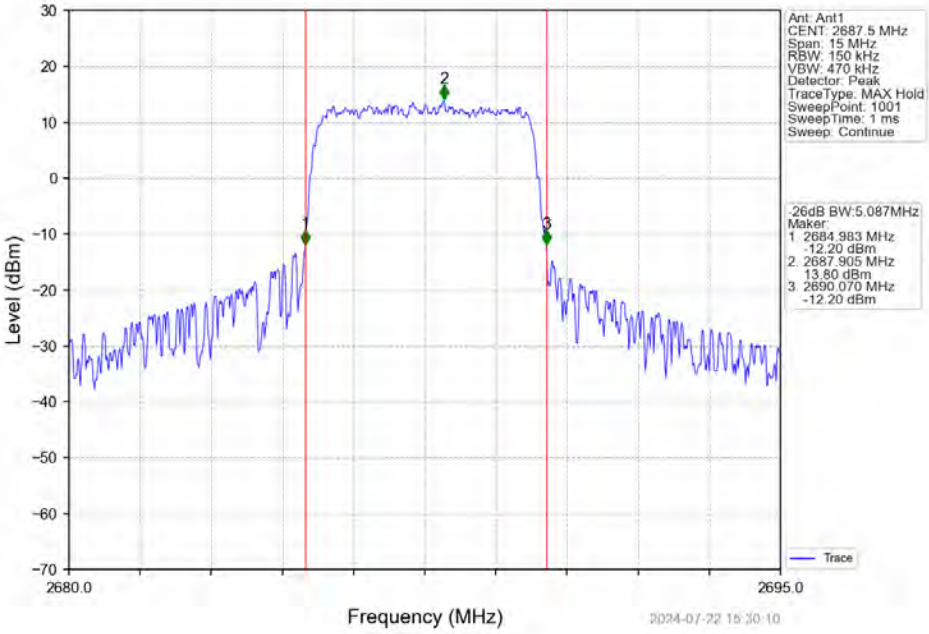
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



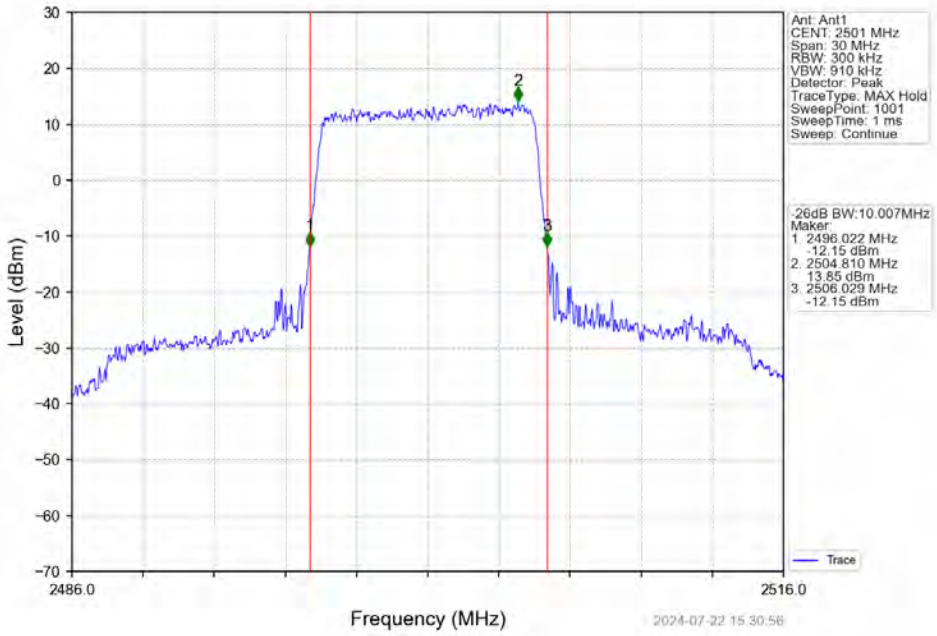
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



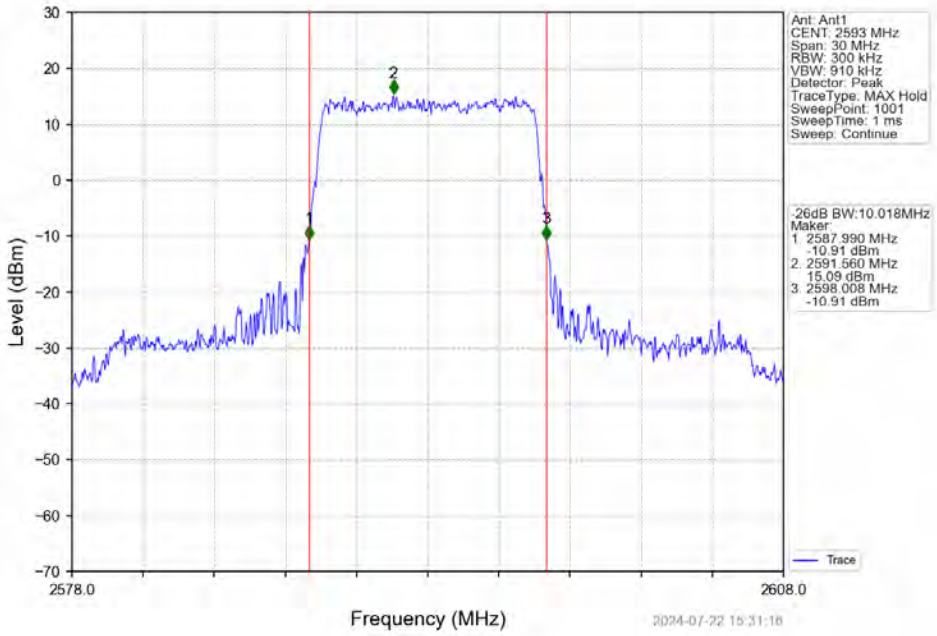
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



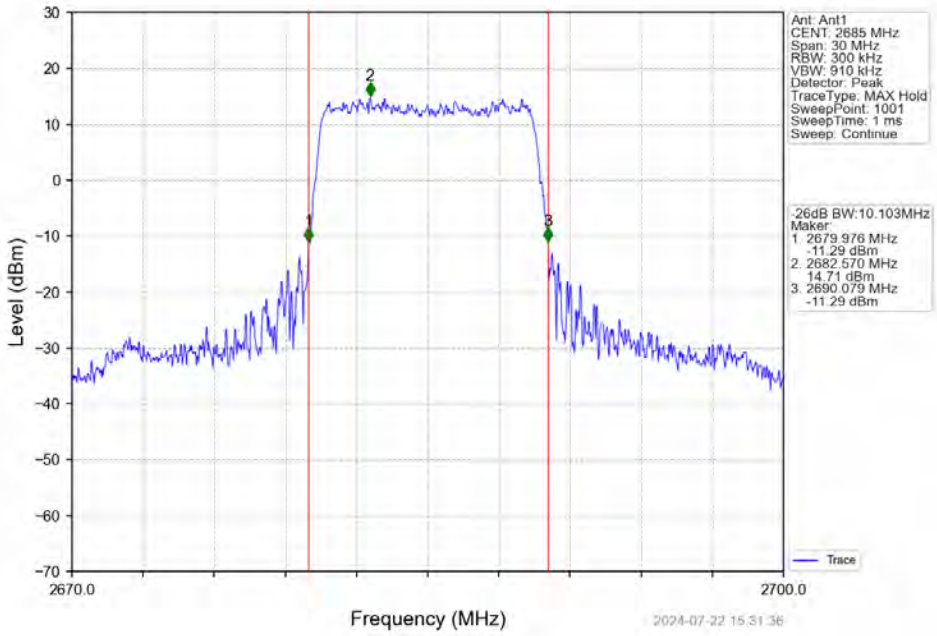
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



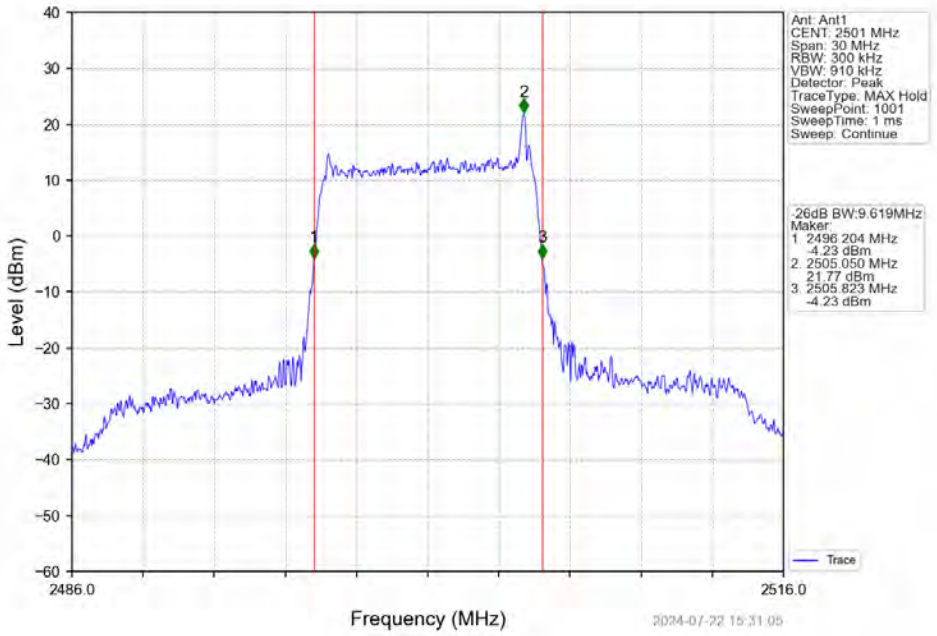
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



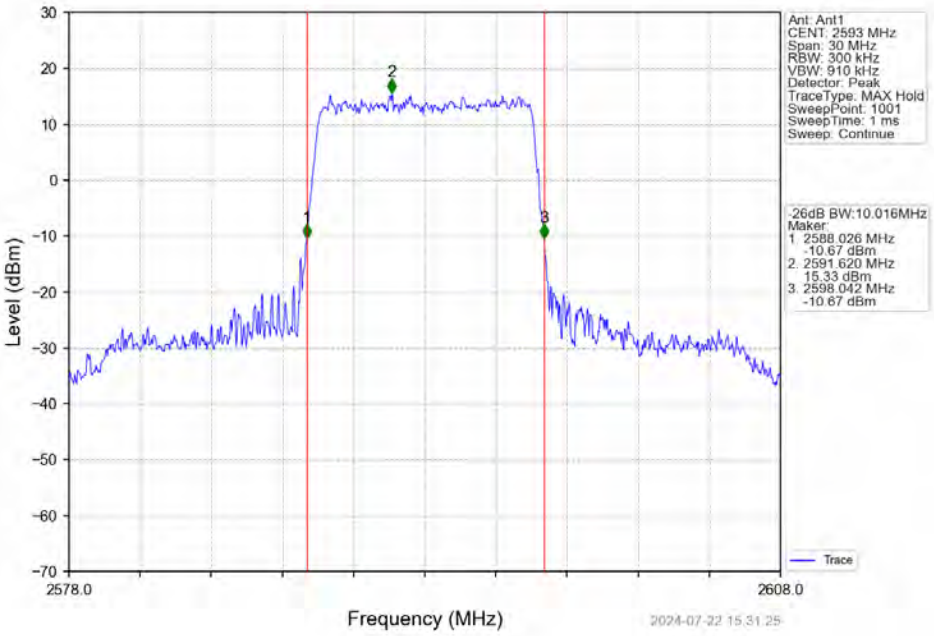
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



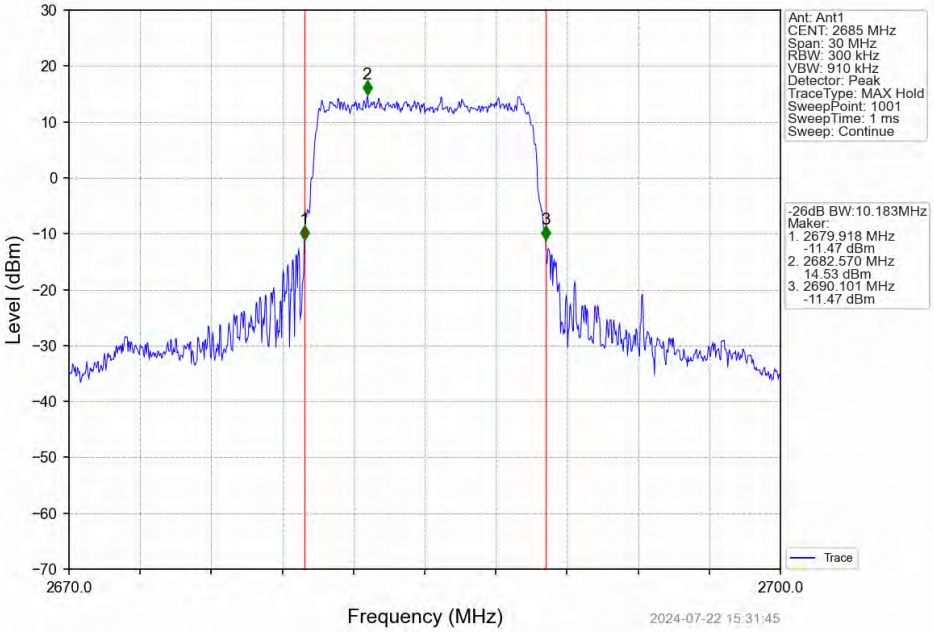
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



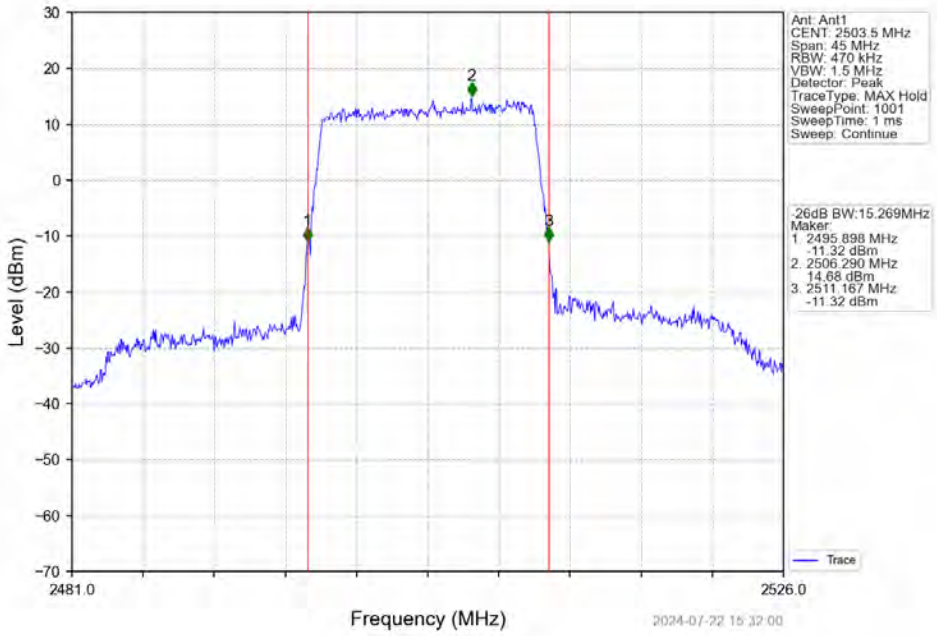
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



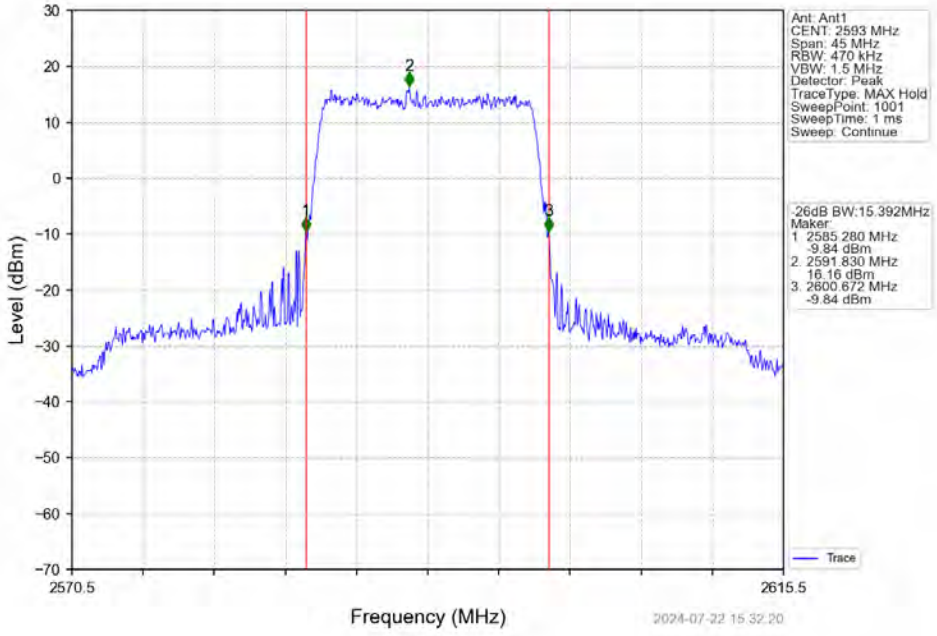
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



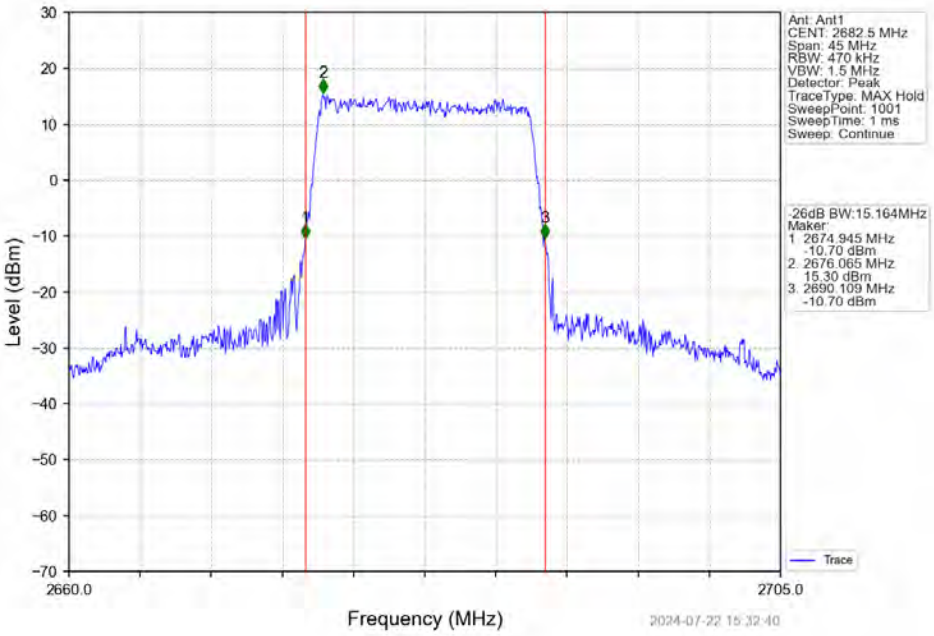
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



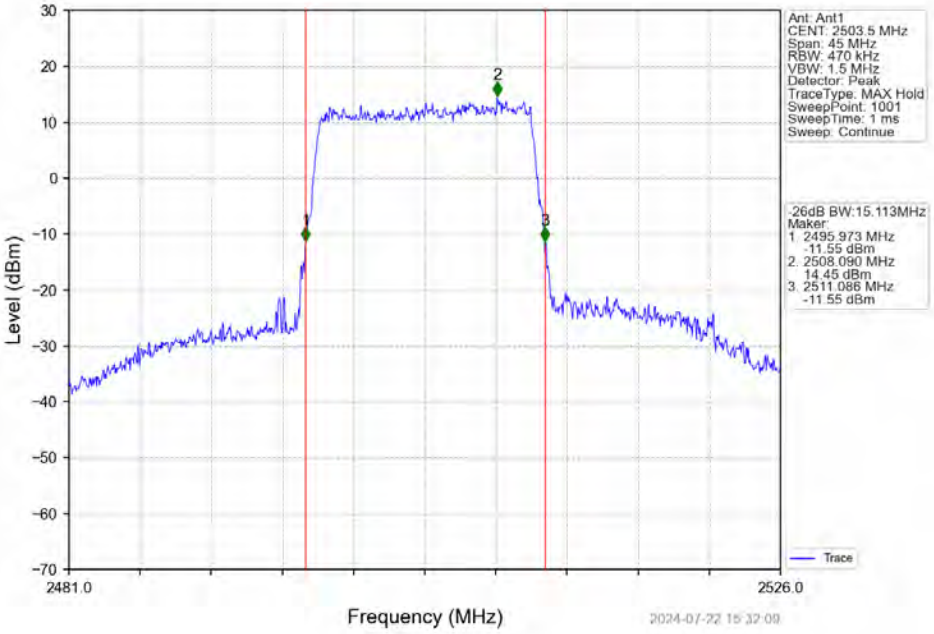
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



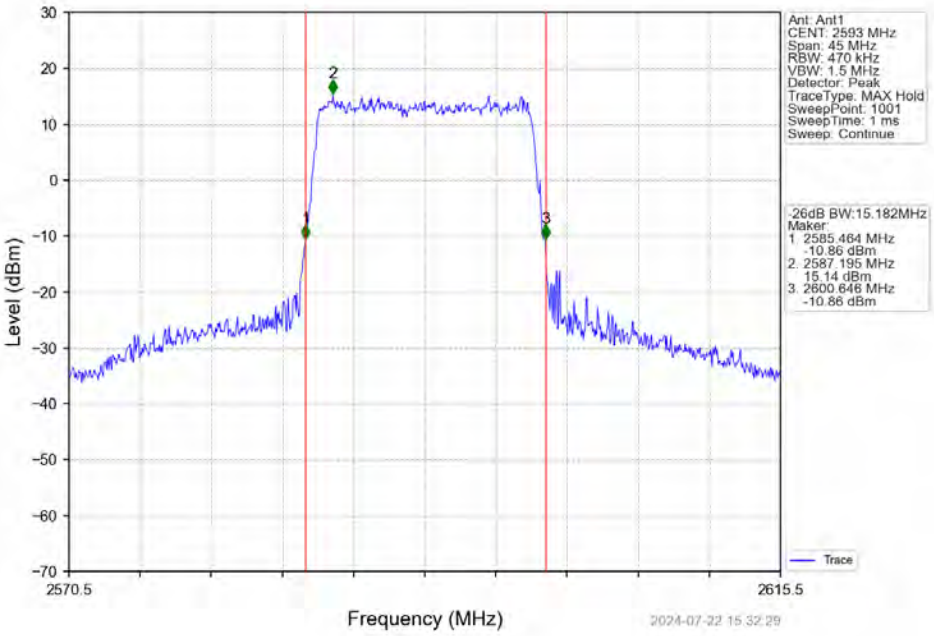
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



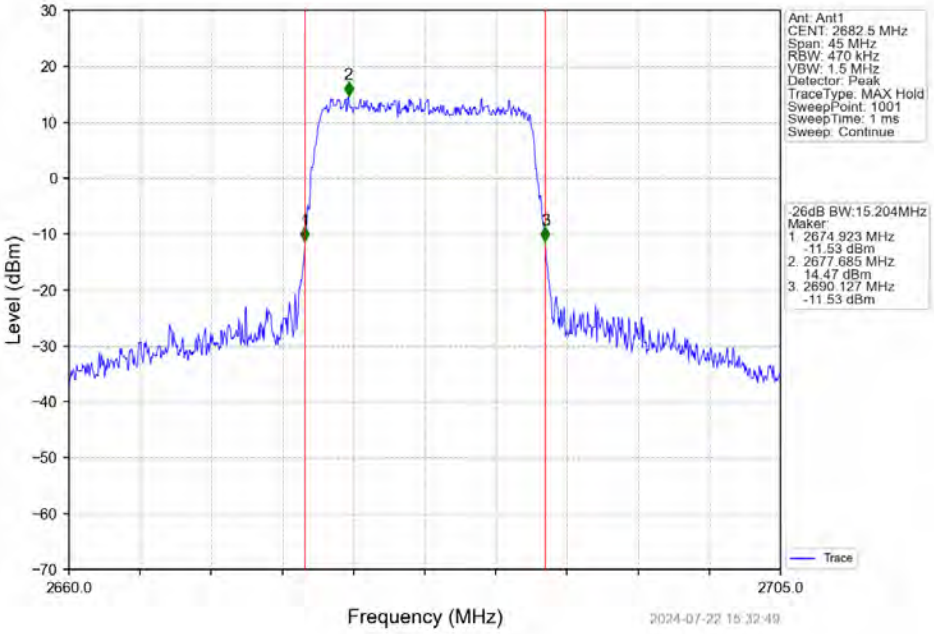
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



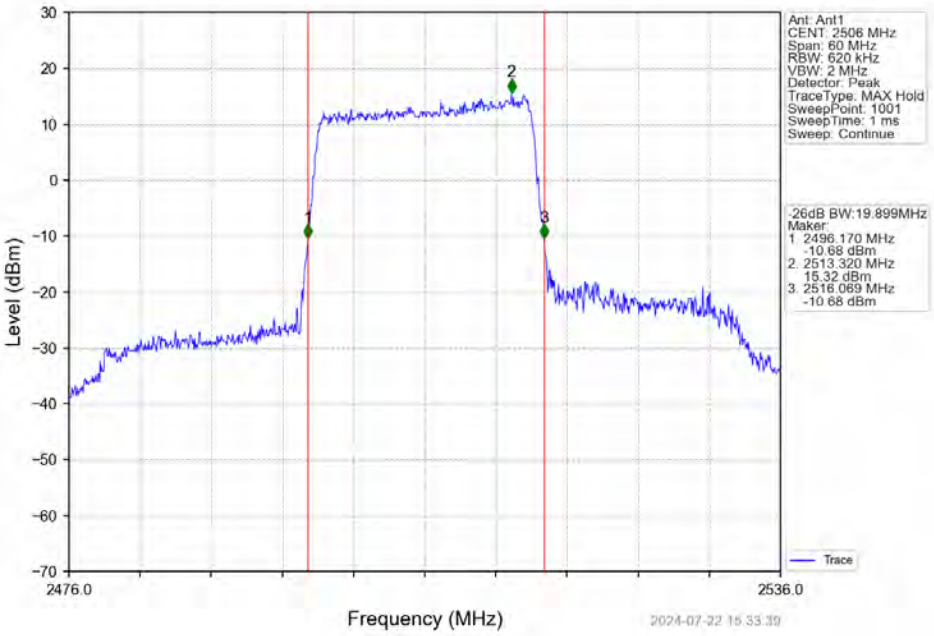
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



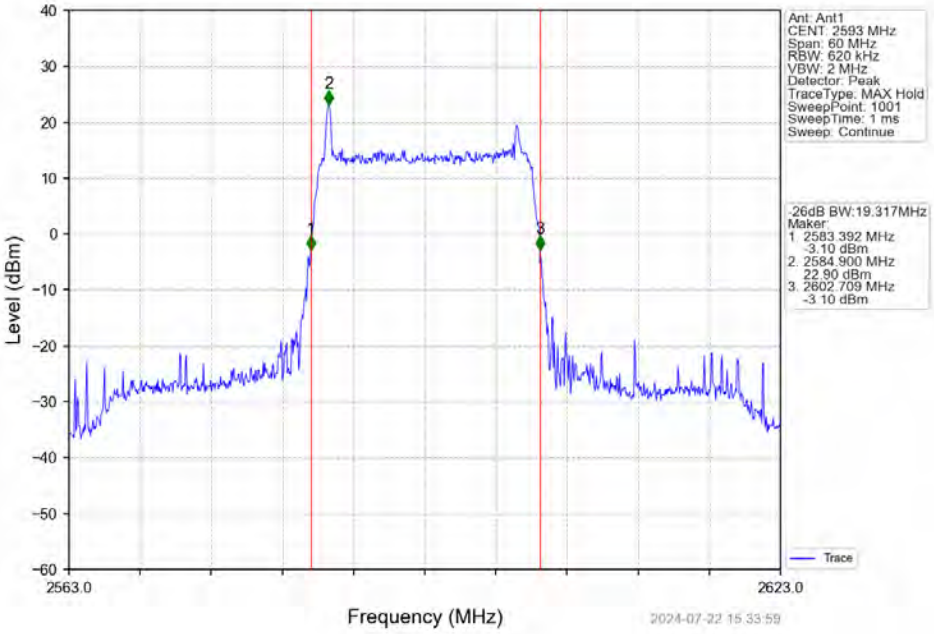
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



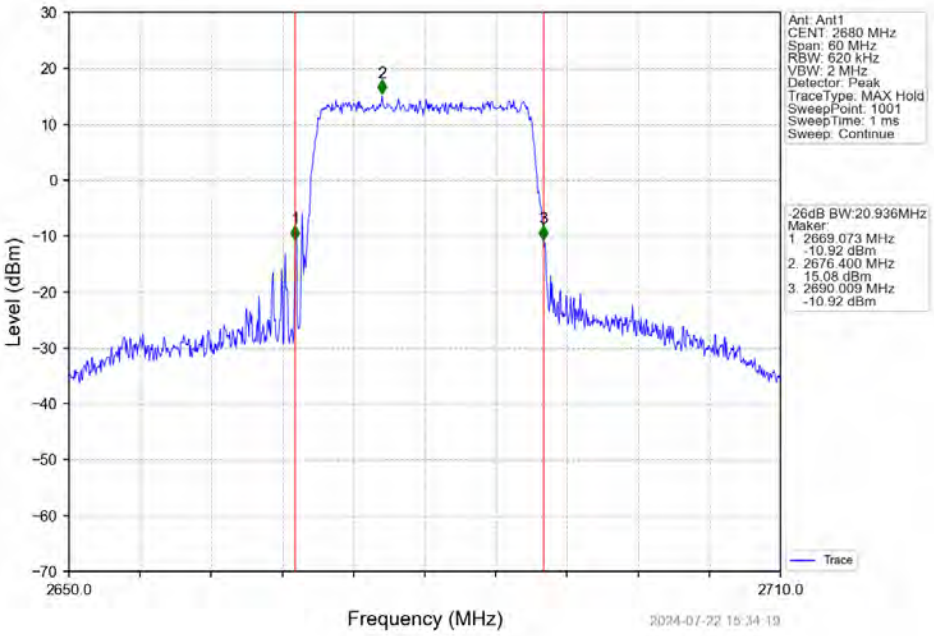
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



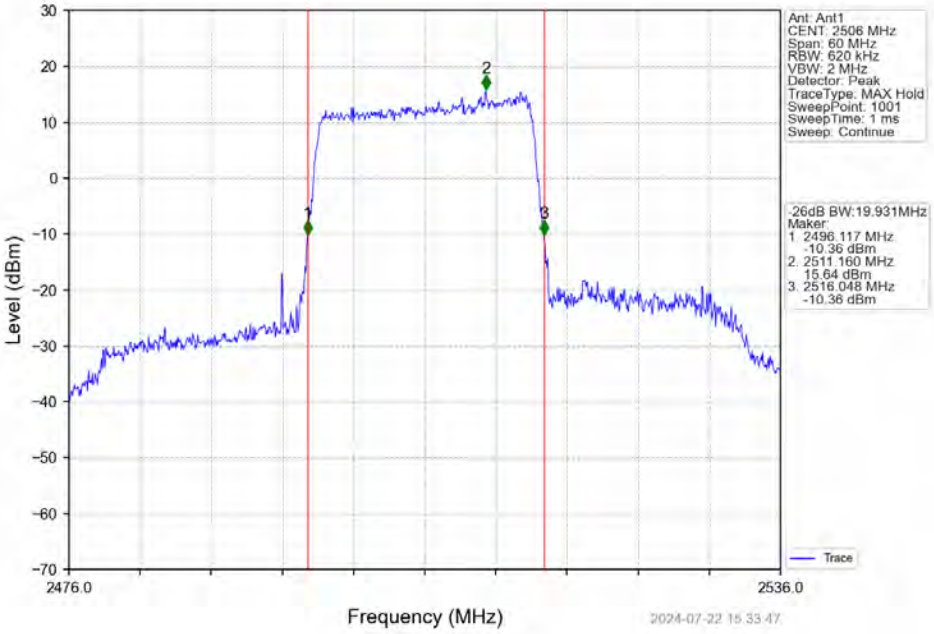
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



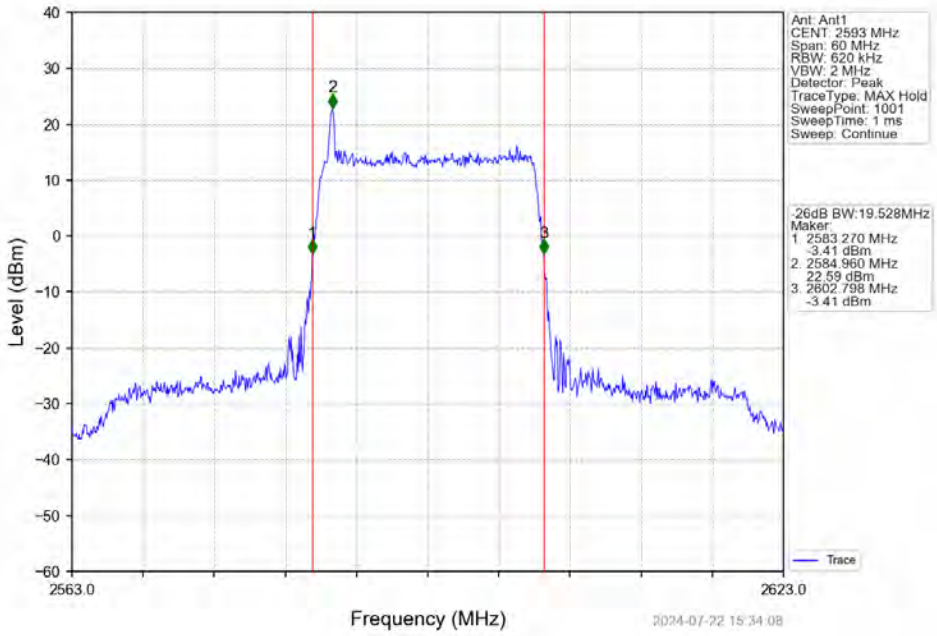
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



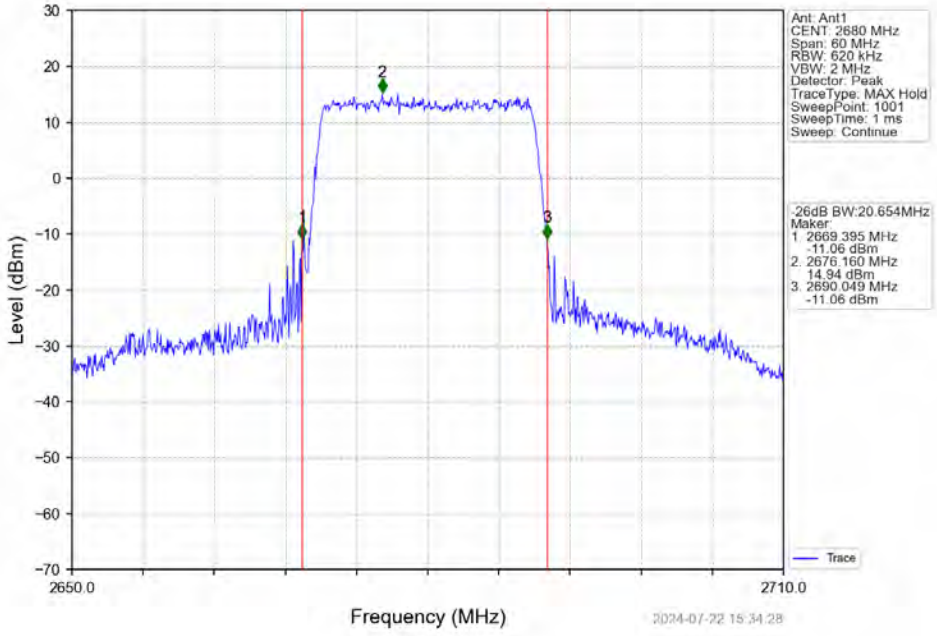
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



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	7.52	<=13	Pass
	2593	25	0	7.63	<=13	Pass
	2687.5	25	0	7.80	<=13	Pass
16QAM	2498.5	25	0	7.81	<=13	Pass
	2593	25	0	8.31	<=13	Pass
	2687.5	25	0	8.38	<=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	7.45	<=13	Pass
	2593	50	0	7.78	<=13	Pass
	2685	50	0	7.73	<=13	Pass
16QAM	2501	50	0	7.51	<=13	Pass
	2593	50	0	7.72	<=13	Pass
	2685	50	0	7.66	<=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	7.58	<=13	Pass
	2593	75	0	7.72	<=13	Pass
	2682.5	75	0	7.94	<=13	Pass
16QAM	2503.5	75	0	8.58	<=13	Pass
	2593	75	0	8.45	<=13	Pass
	2682.5	75	0	8.58	<=13	Pass

5.1.4 B41_20MHz

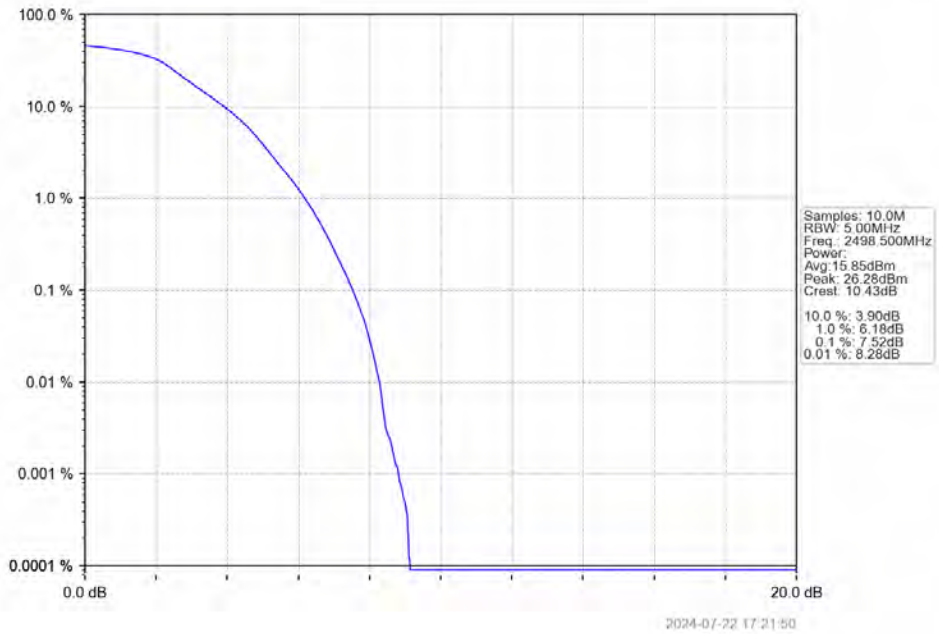
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.82	<=13	Pass
	2593	100	0	7.74	<=13	Pass
	2680	100	0	7.76	<=13	Pass
16QAM	2506	100	0	7.46	<=13	Pass
	2593	100	0	7.89	<=13	Pass

	2680	100	0	7.61	<=13	Pass

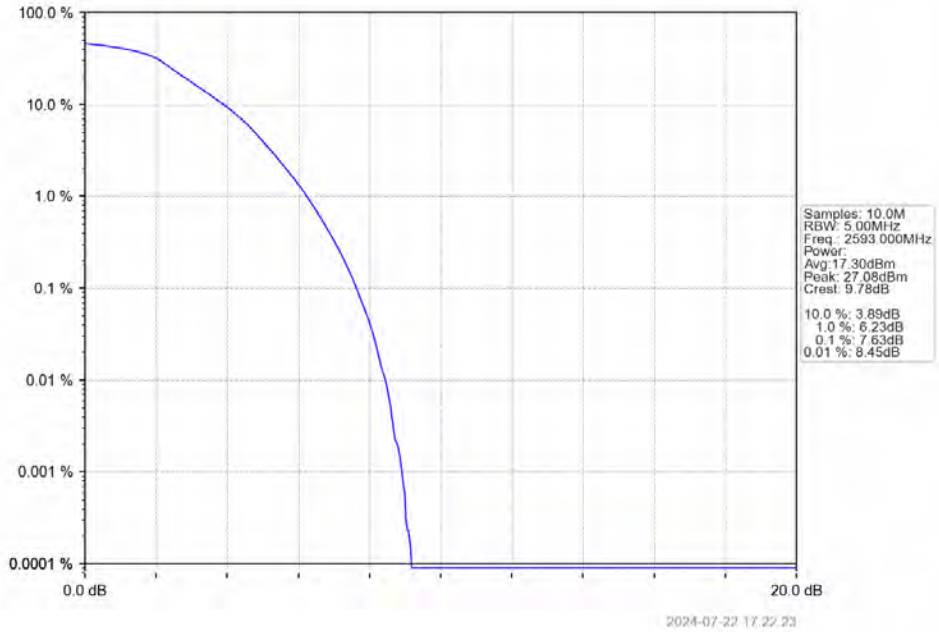
5.2 Test Graph

5.2.1 B41_5MHz

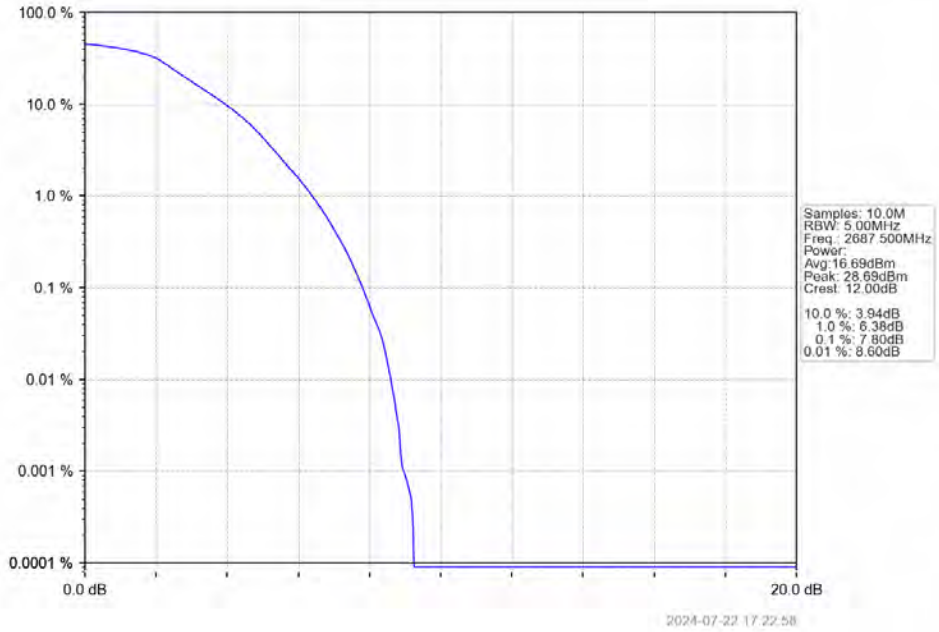
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



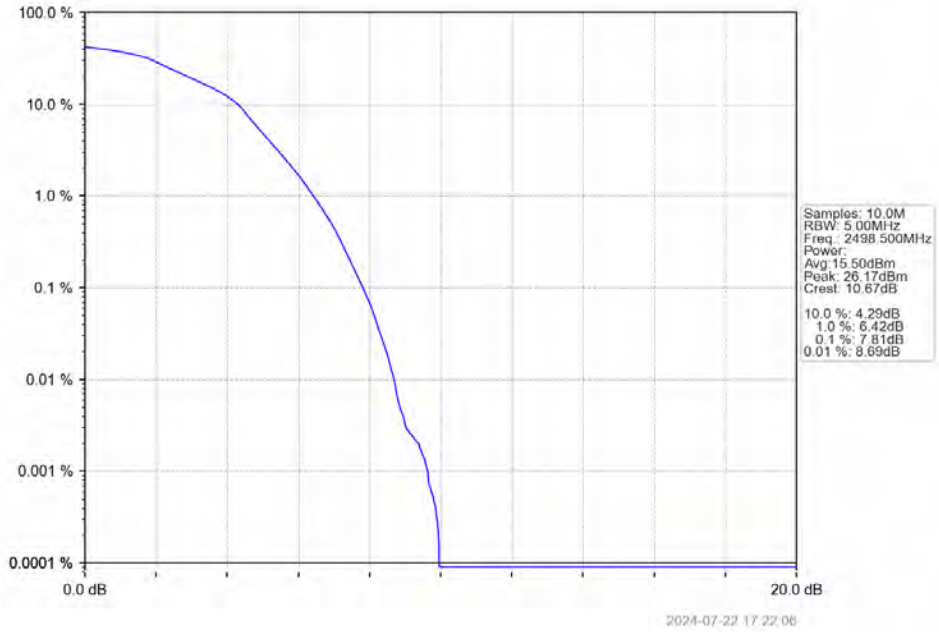
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



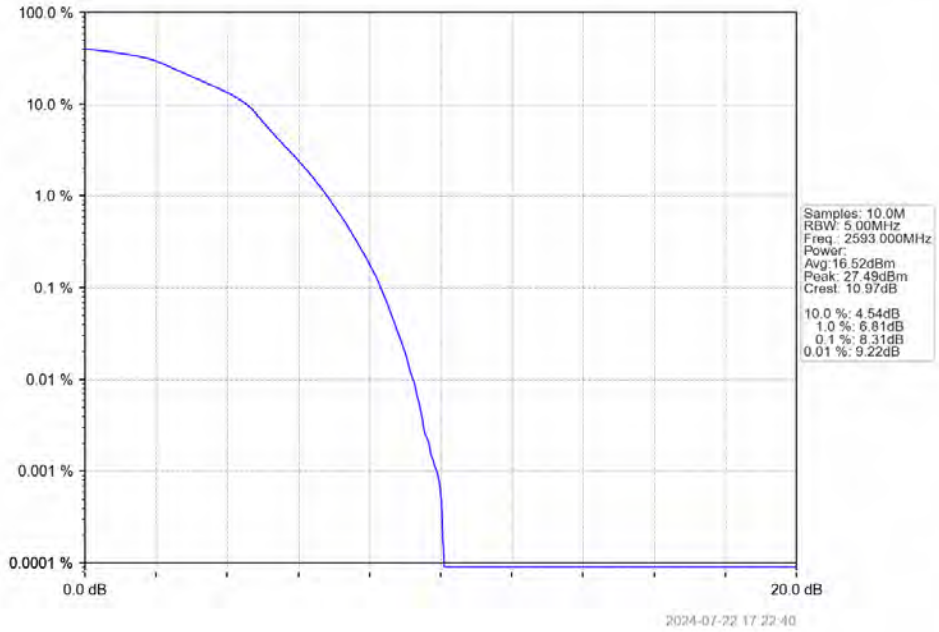
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



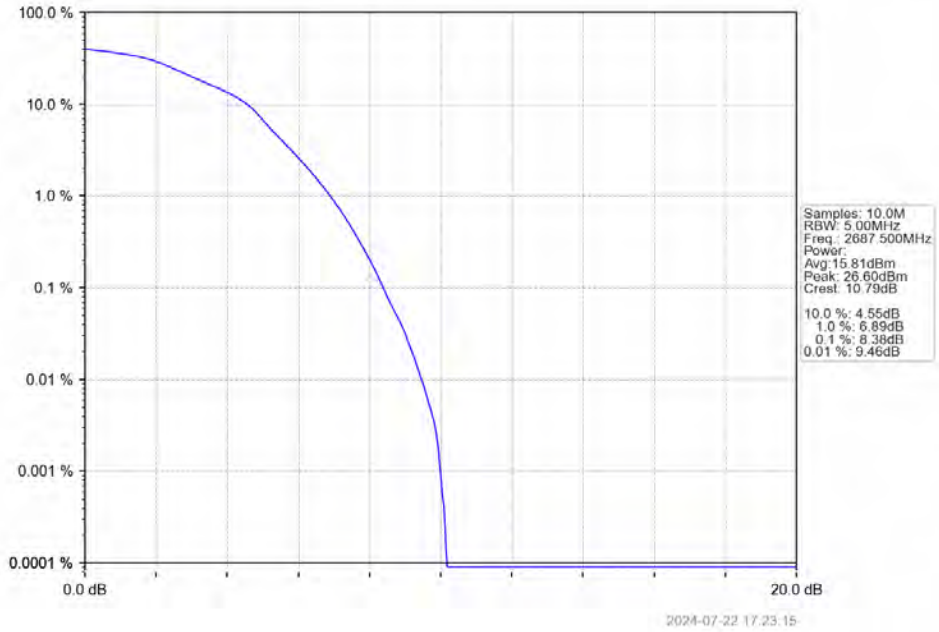
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV

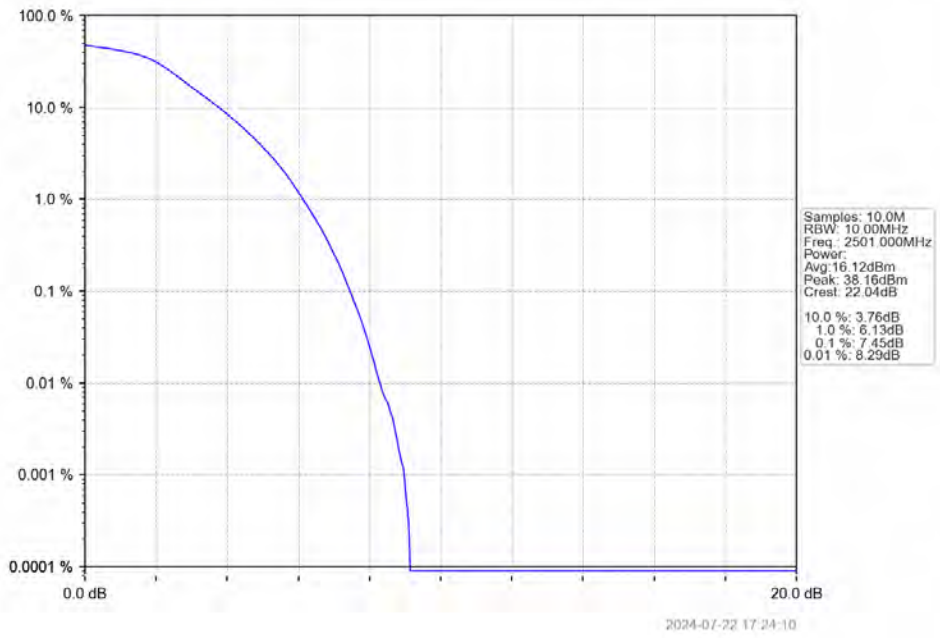


Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV

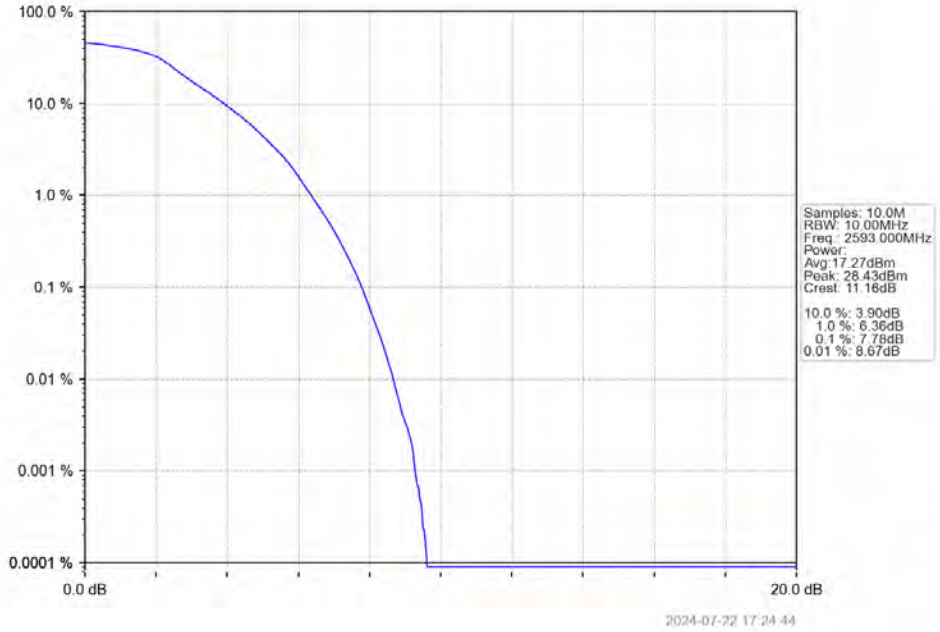


5.2.2 B41_10MHz

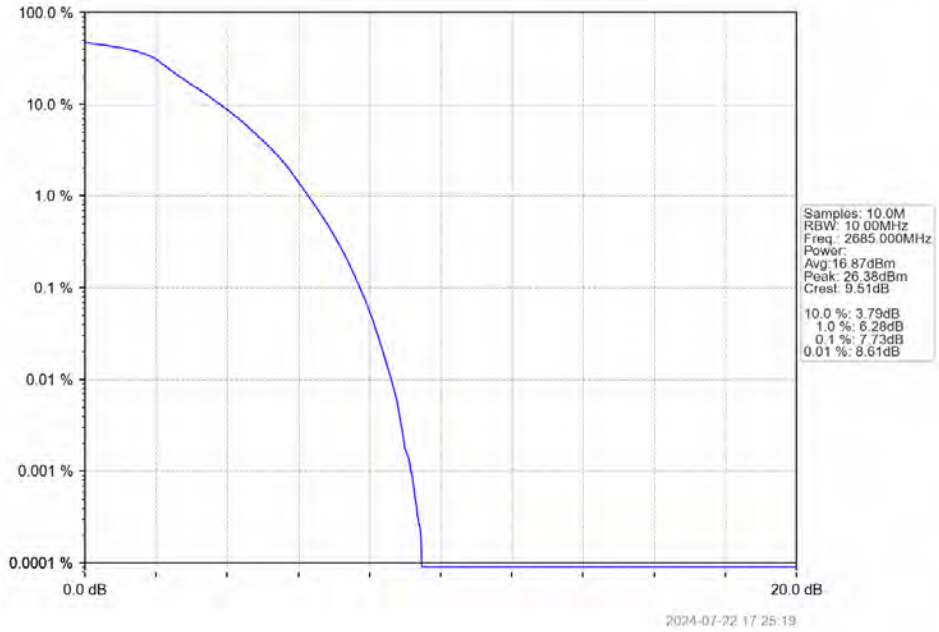
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



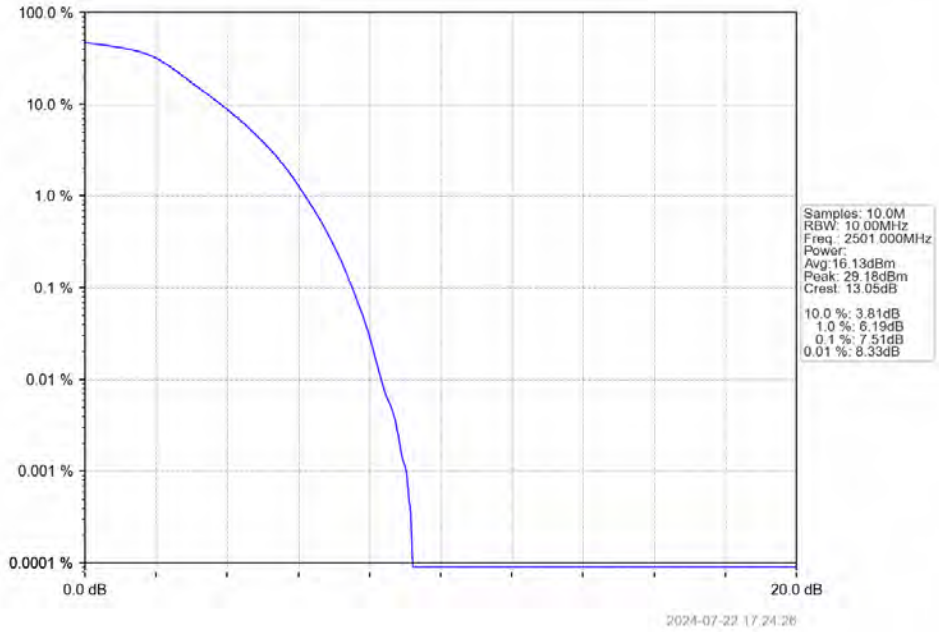
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



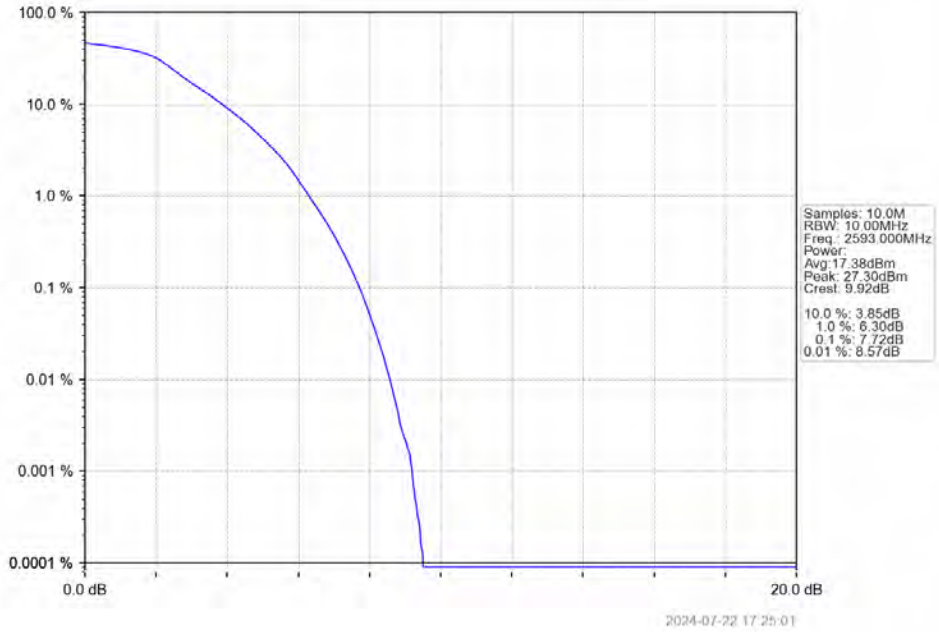
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



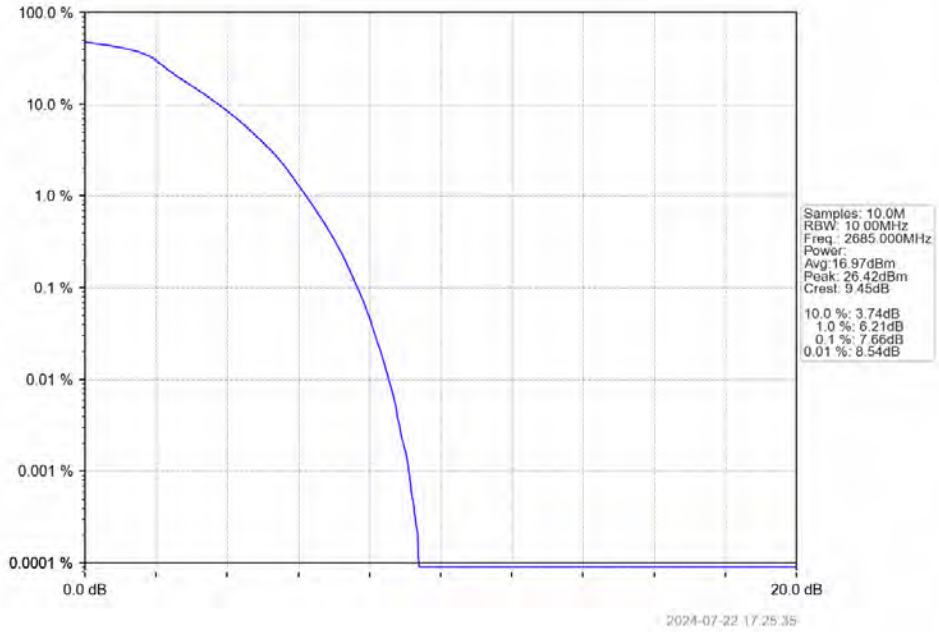
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



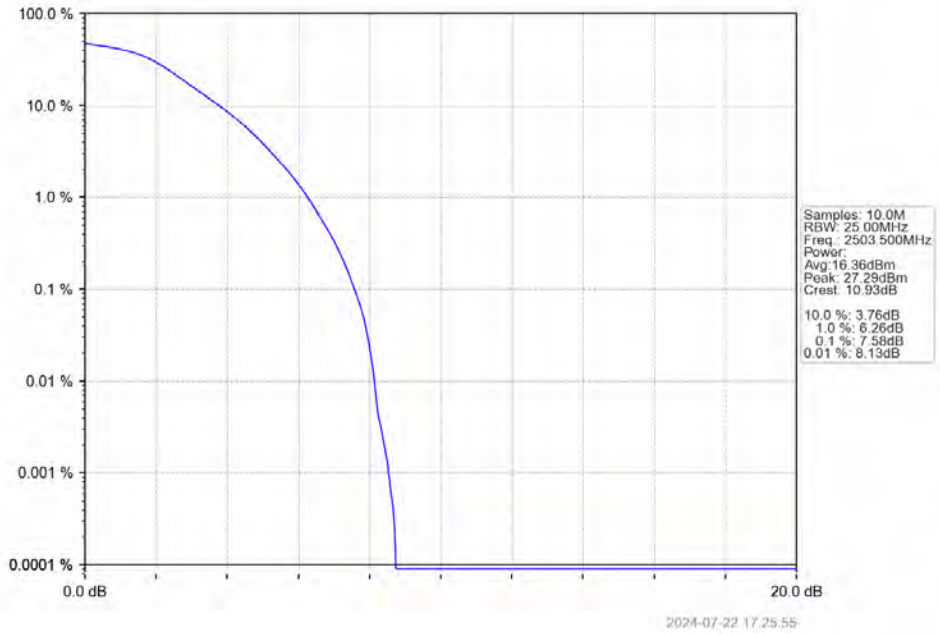
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV

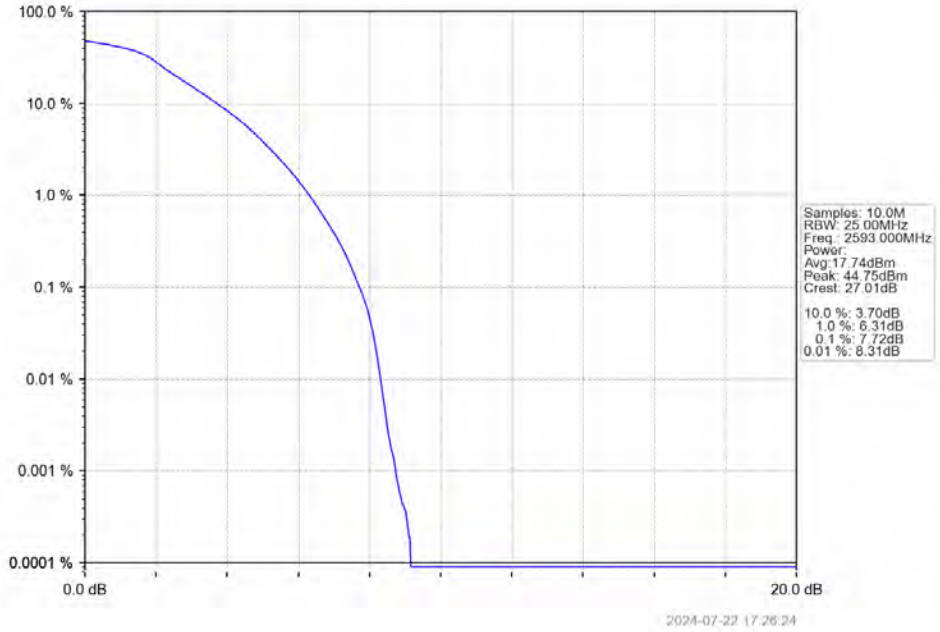


Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV

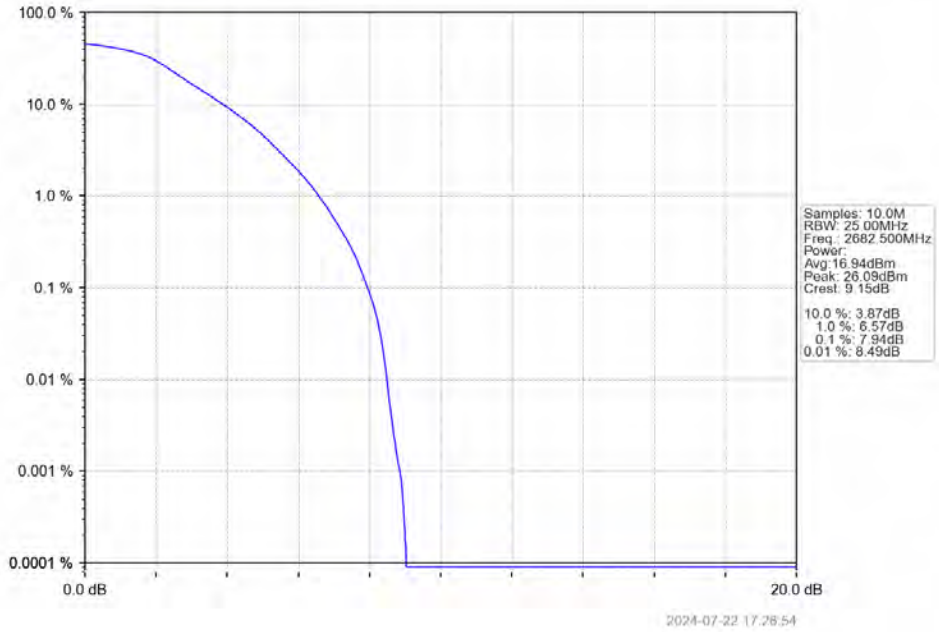


5.2.3 B41_15MHz

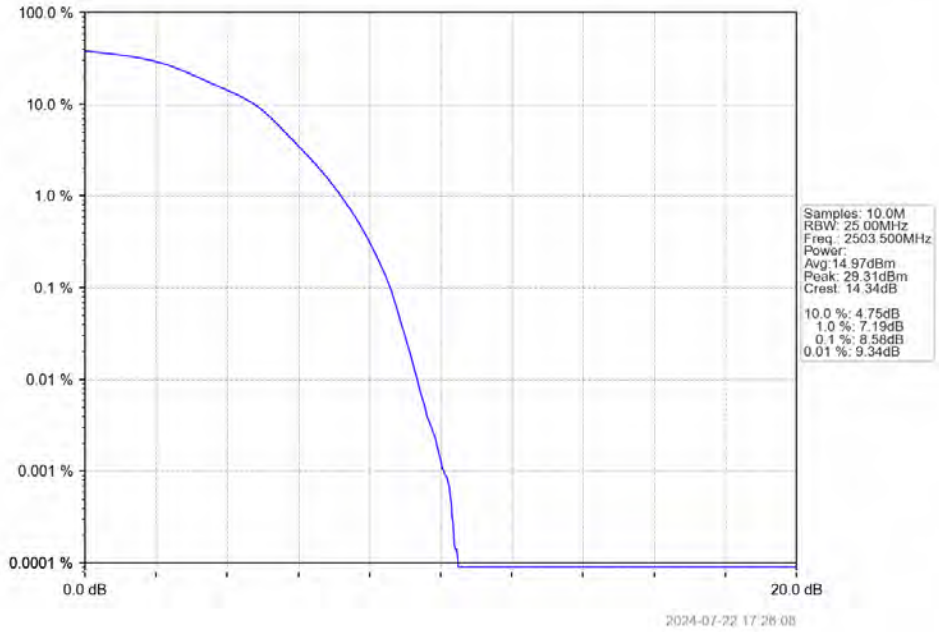
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV


Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV


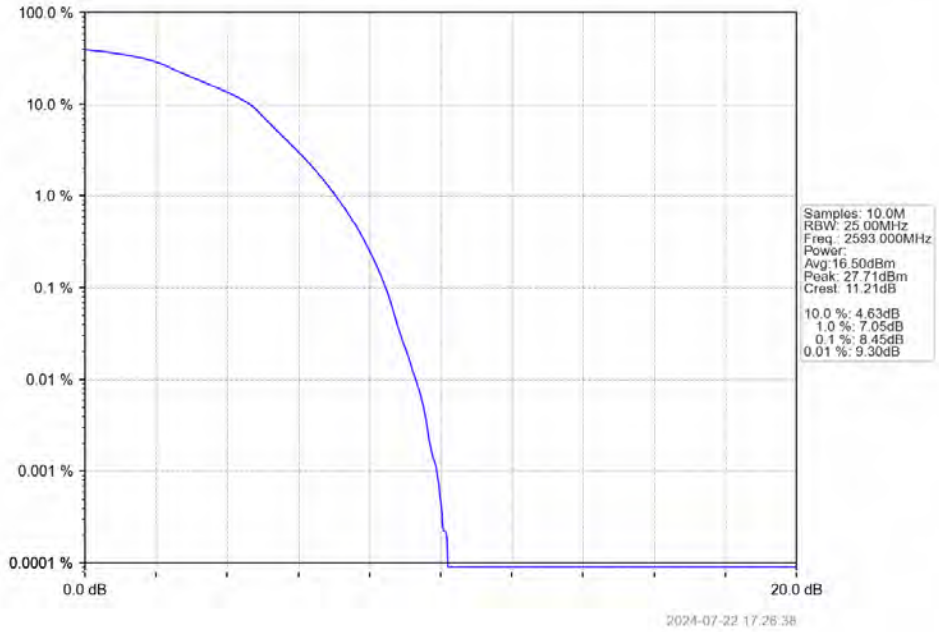
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



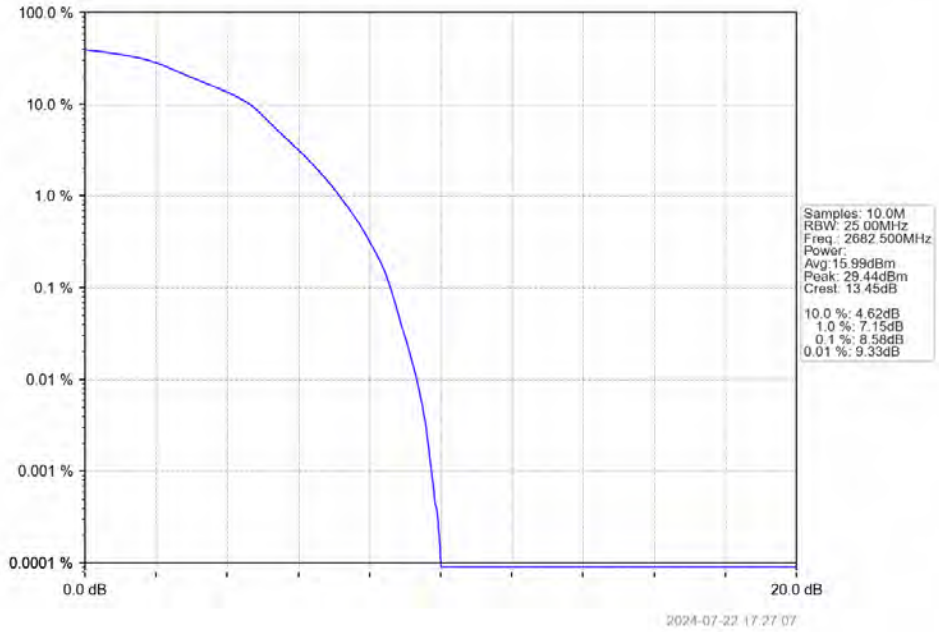
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV

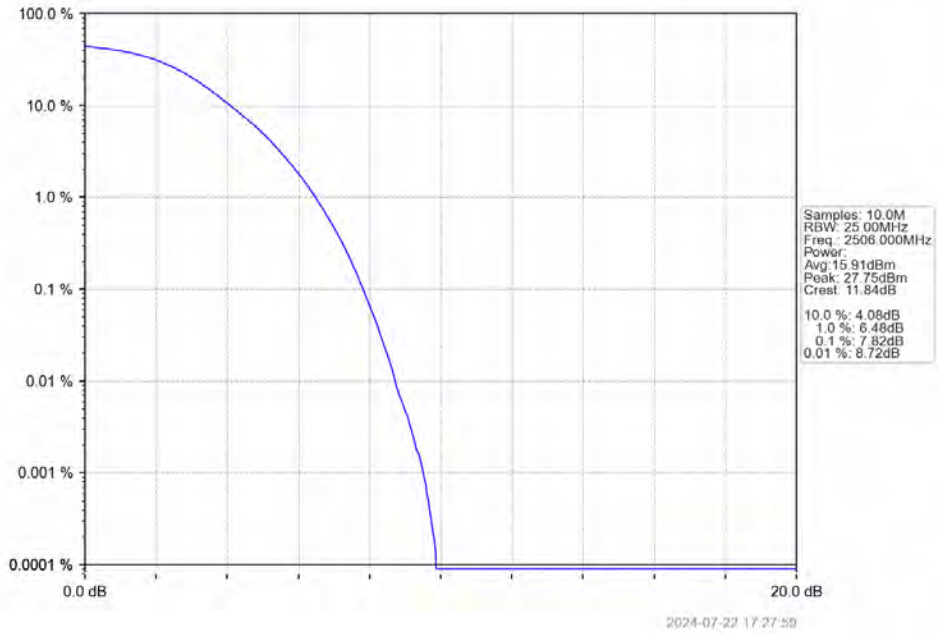


Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV

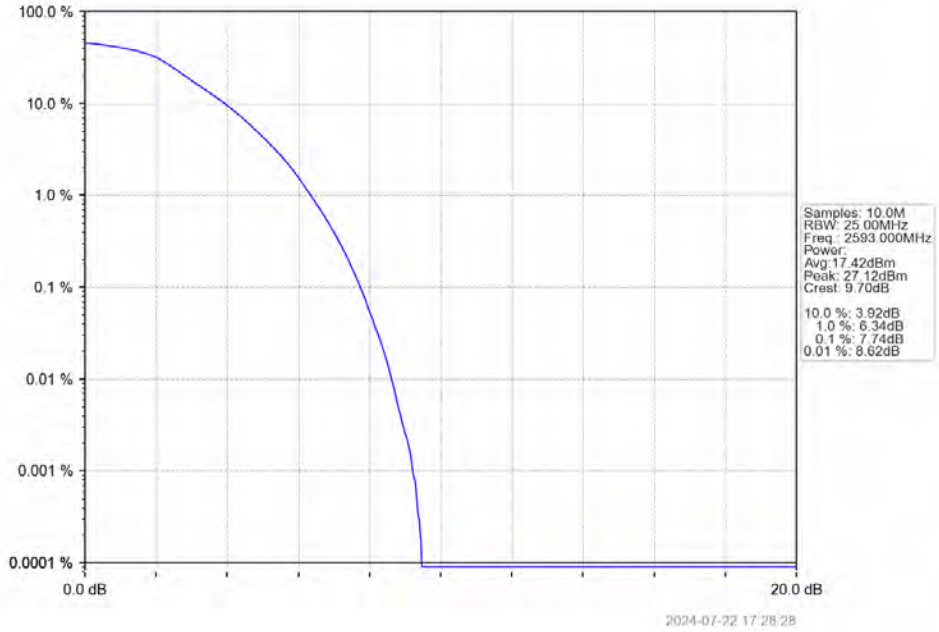


5.2.4 B41_20MHz

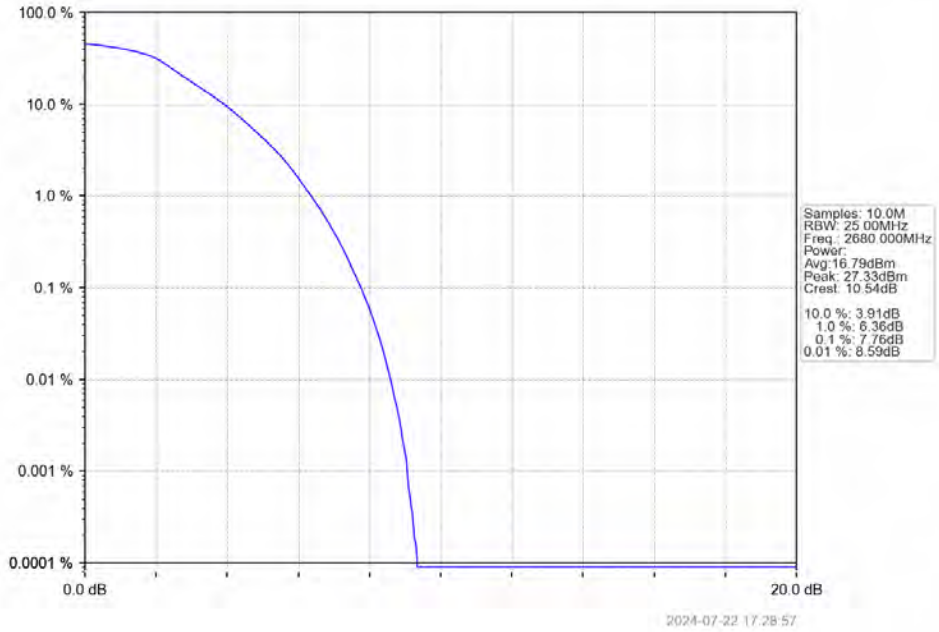
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



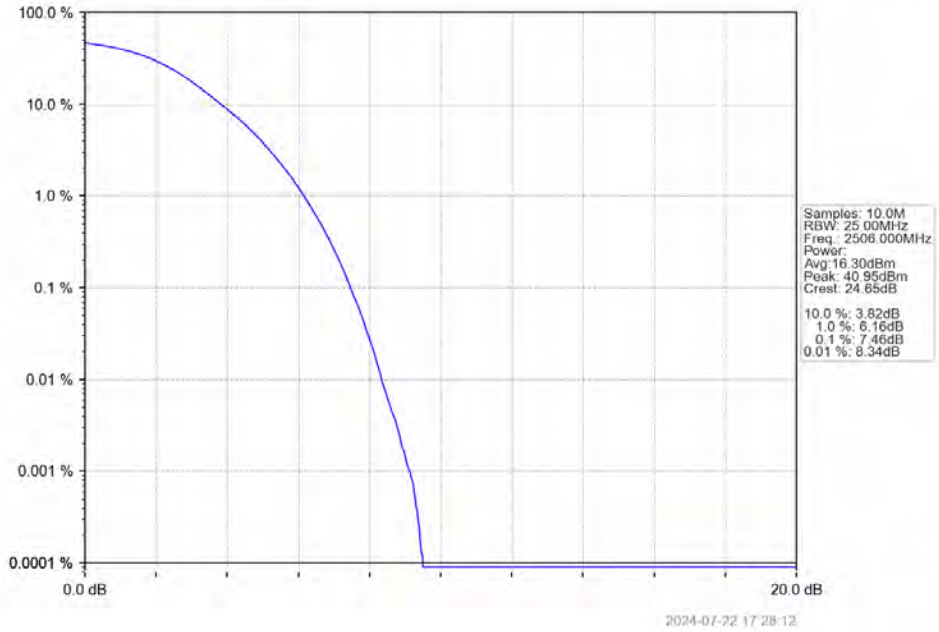
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



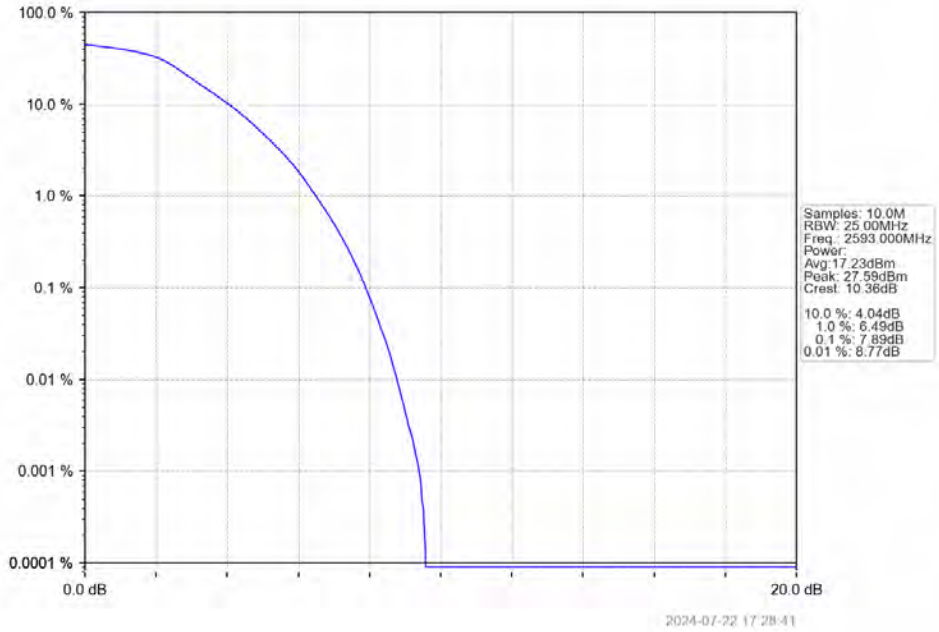
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



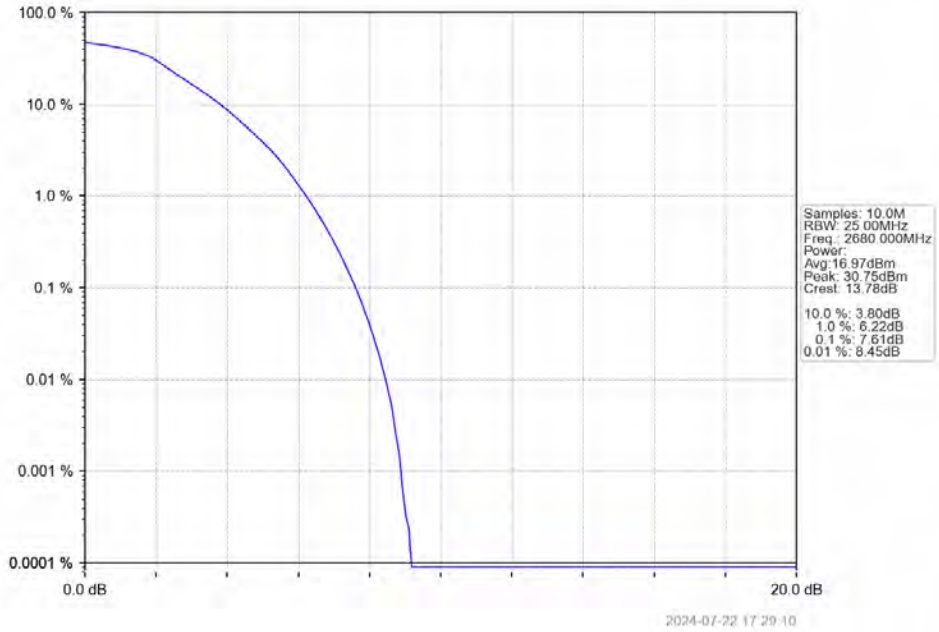
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



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

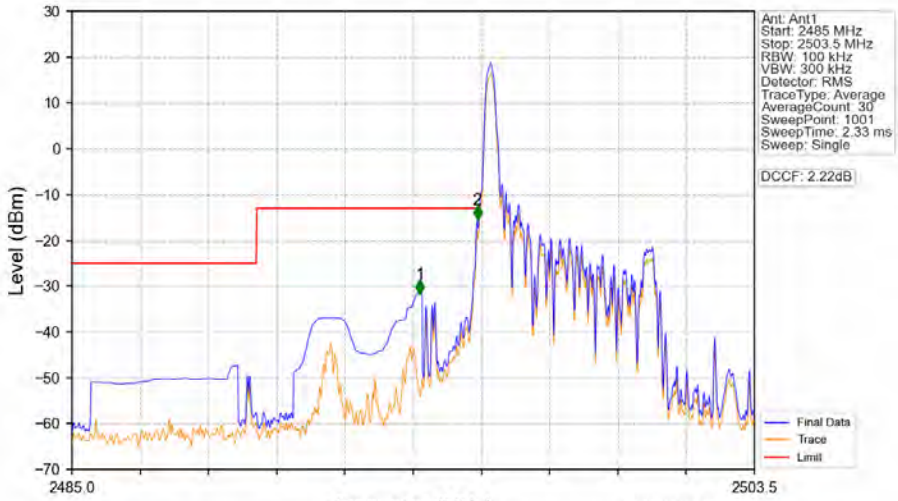
6.1.4 B41_20MHz

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

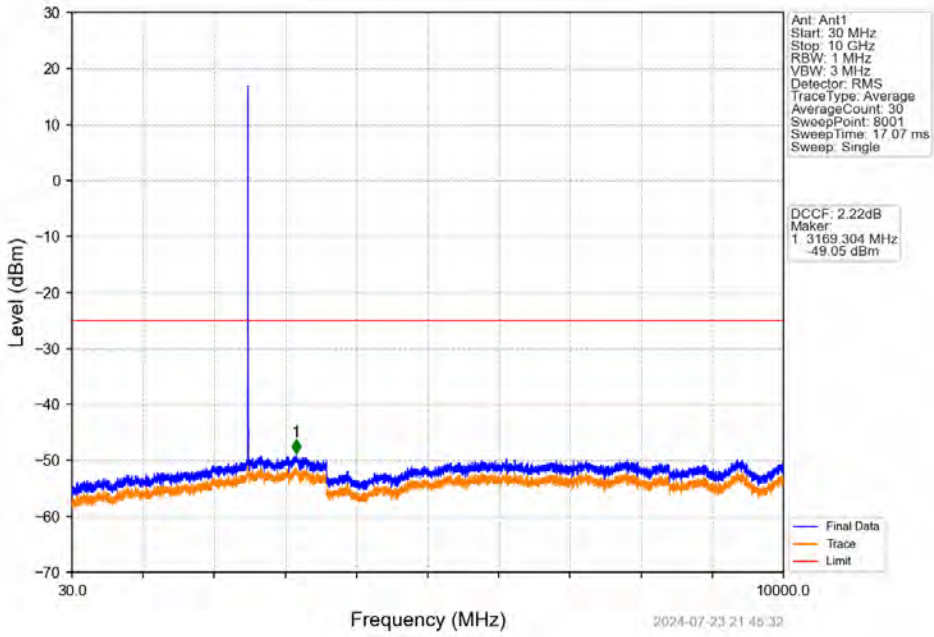
6.2.1 B41_5MHz

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

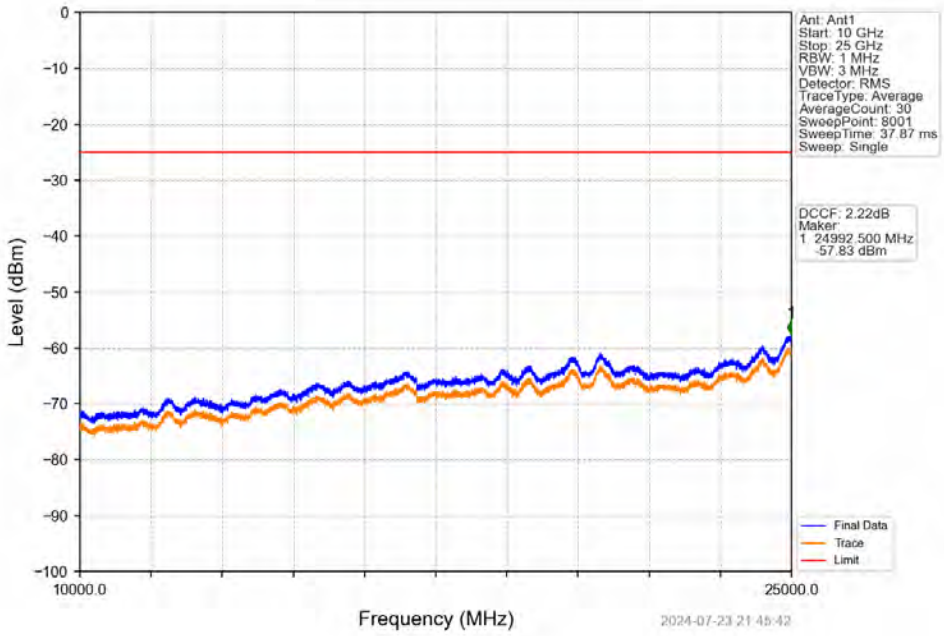


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.435	-31.68	-13	Pass
2495	2496	0.1	/	2	2495.989	-15.57	-13	Pass
2496	2503.5	0.1	/	/	/	/	/	/

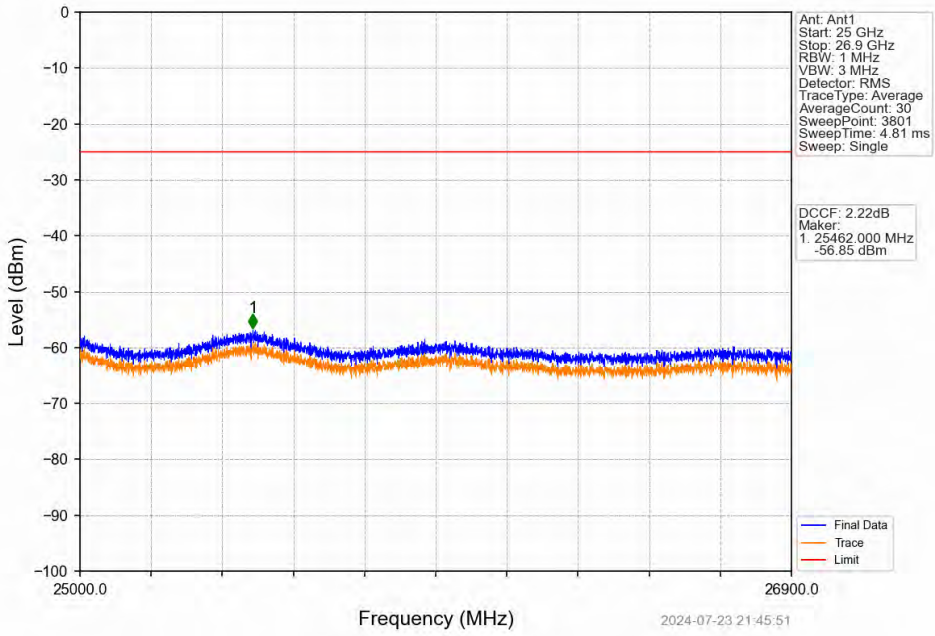
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



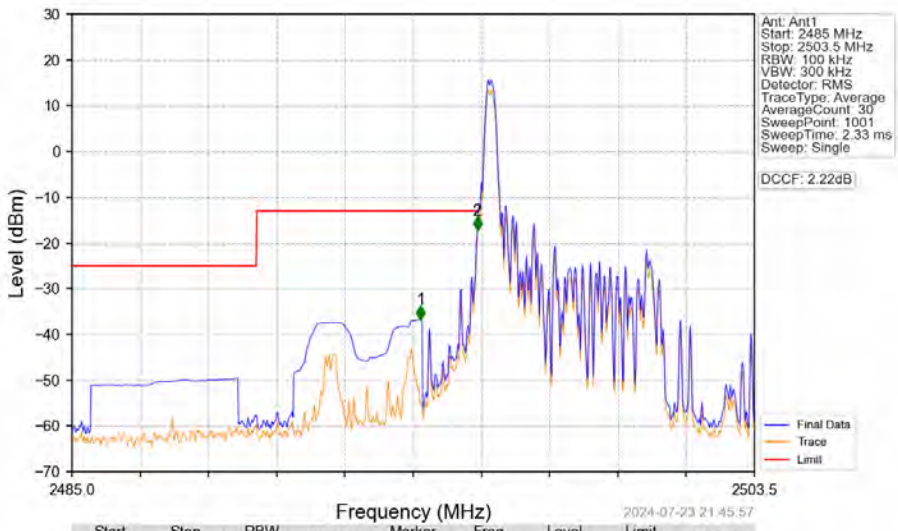
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

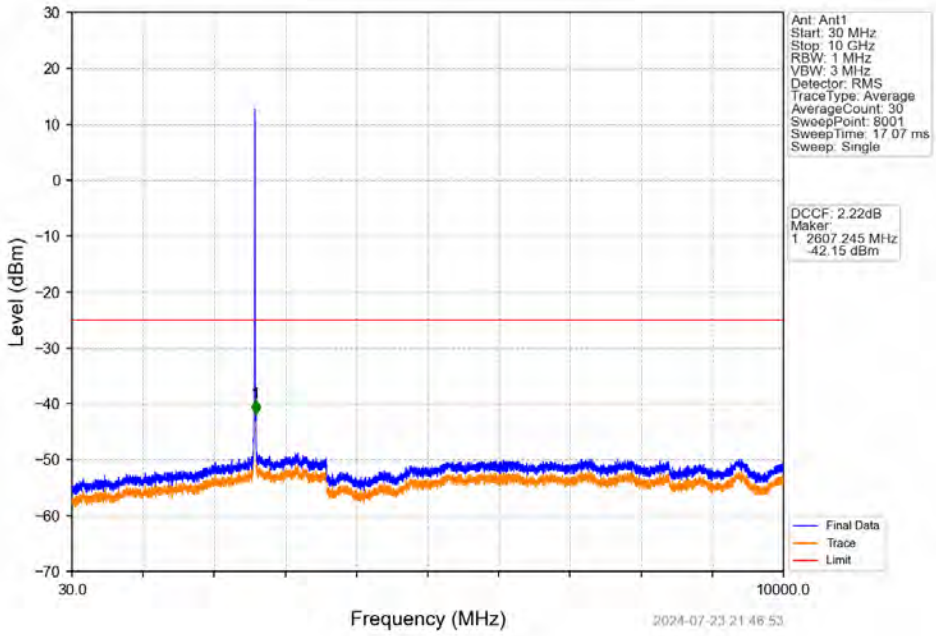


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

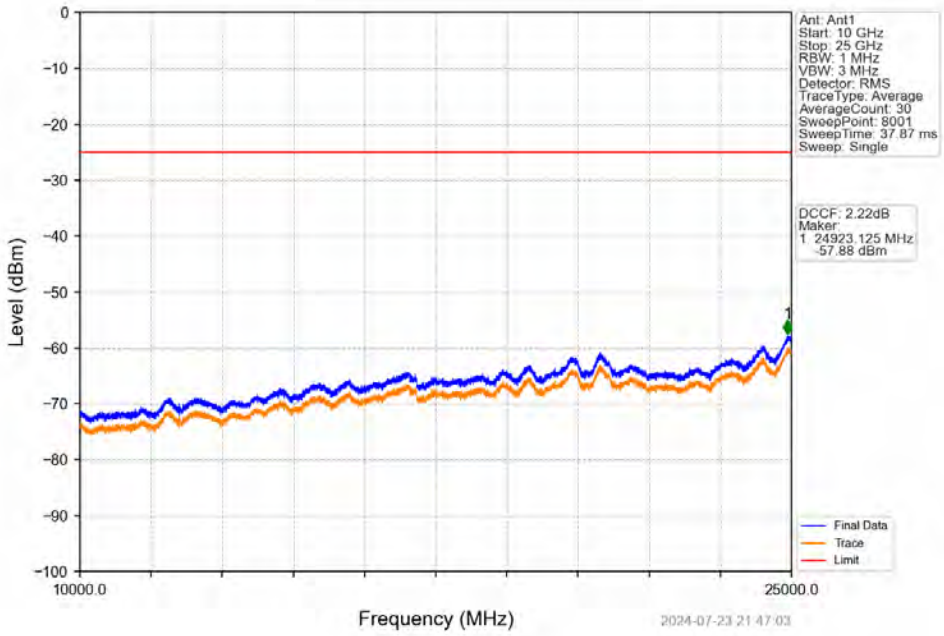


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.454	-36.75	-13	Pass
2495	2496	0.1	/	2	2495.989	-17.27	-13	Pass
2496	2503.5	0.101	/	/	/	/	/	/

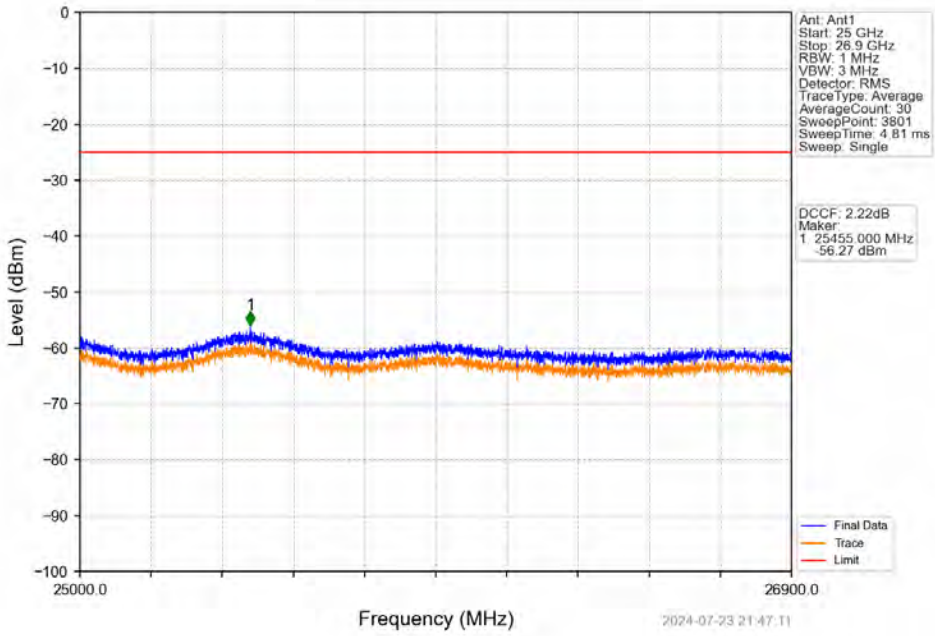
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



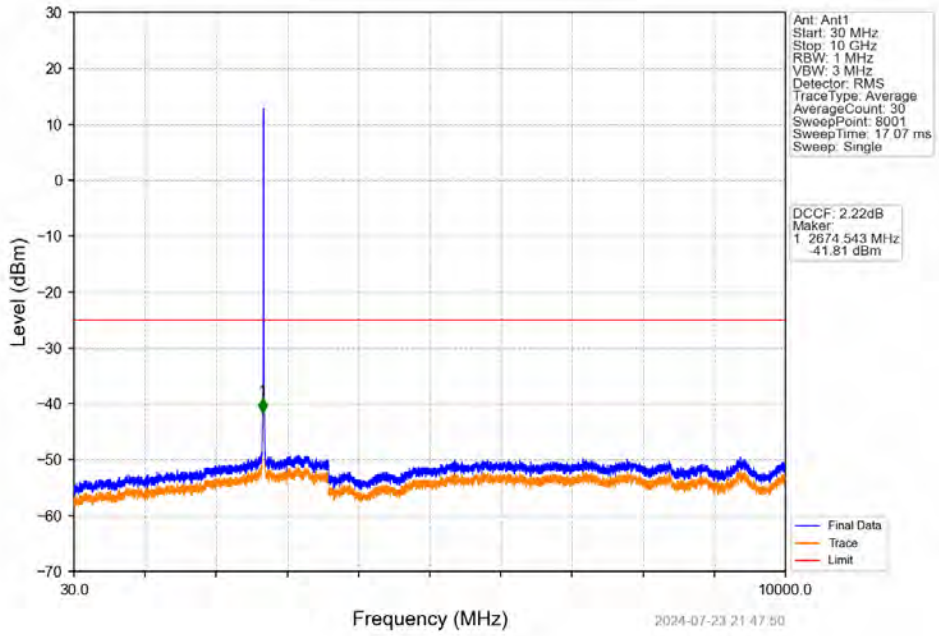
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



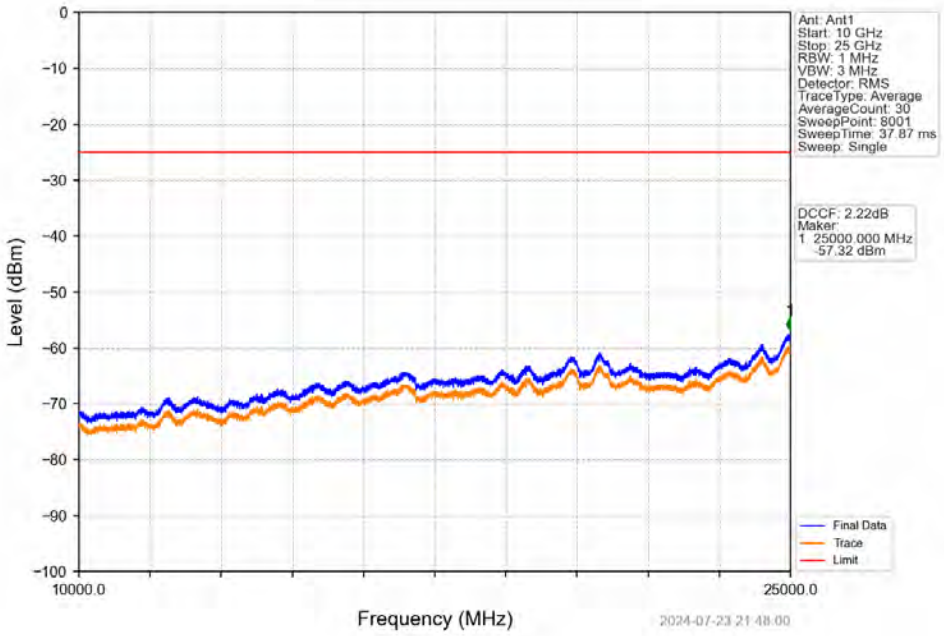
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



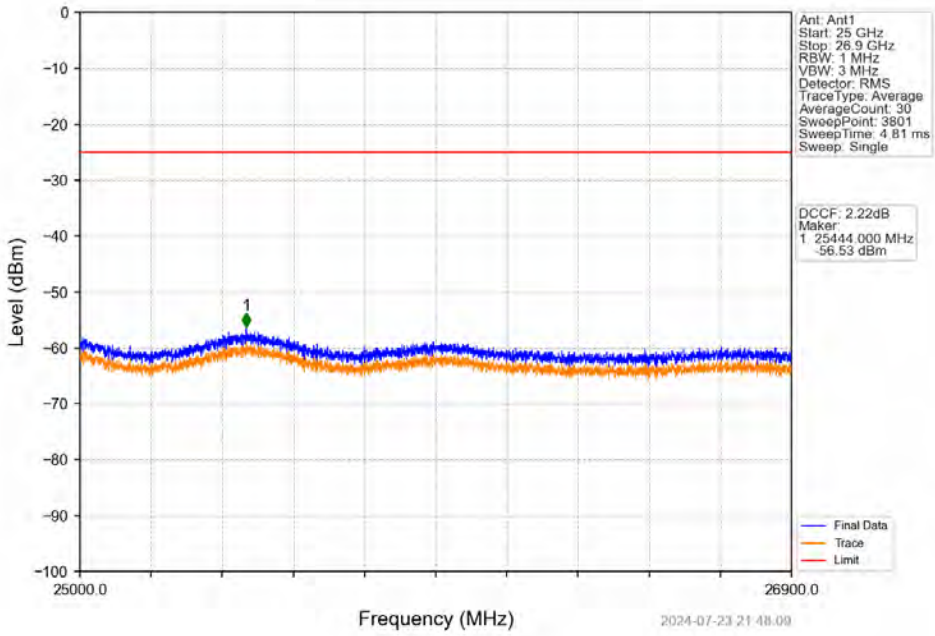
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



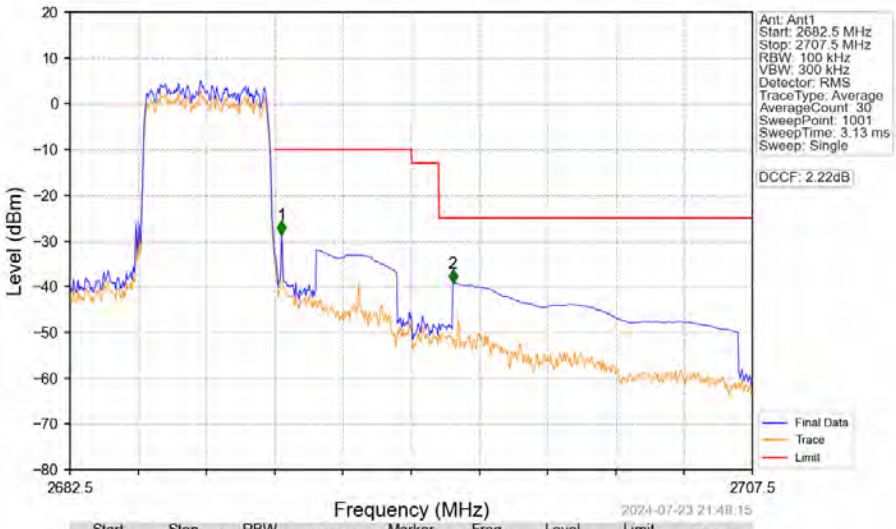
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

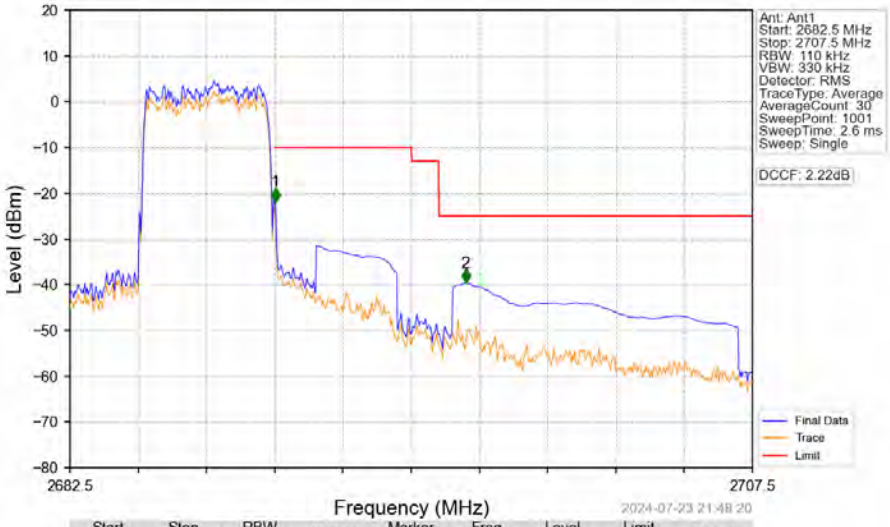


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



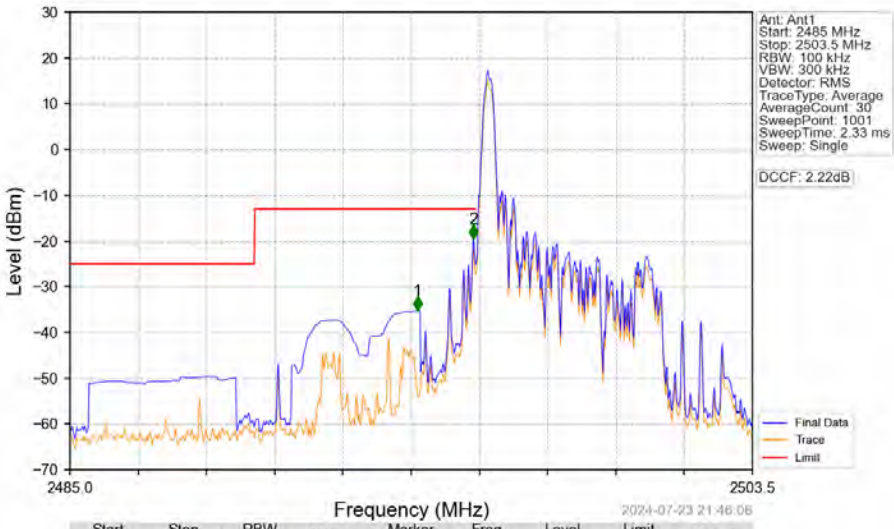
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.250	-28.67	-10	Pass
2691	2707.5	1	CHP	2	2696.525	-39.28	-25	Pass

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



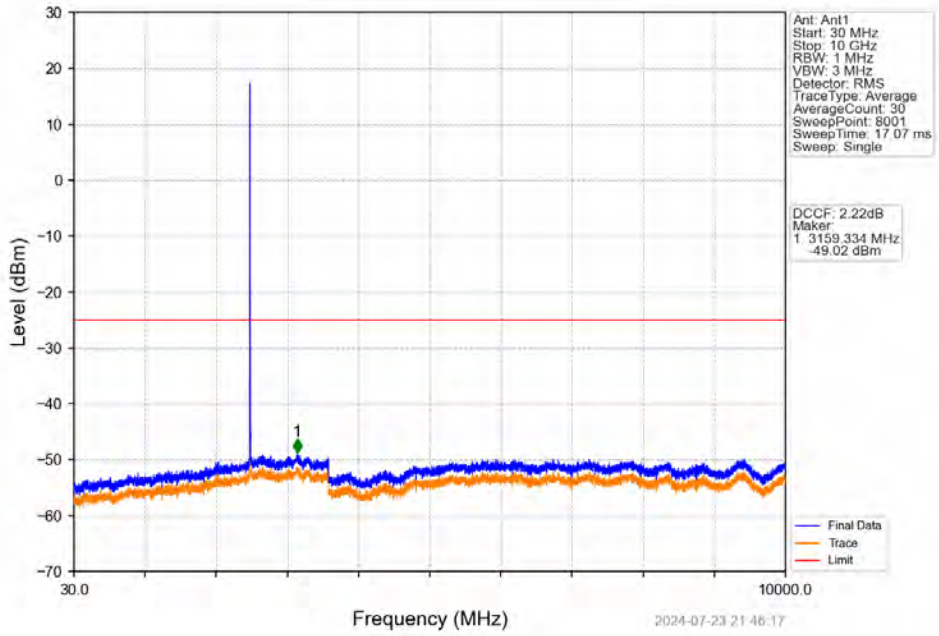
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.11	/	/	/	/	/	/
2690	2691	0.11	/	1	2690.025	-21.89	-10	Pass
2691	2707.5	1	CHP	2	2697.000	-39.62	-25	Pass

Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

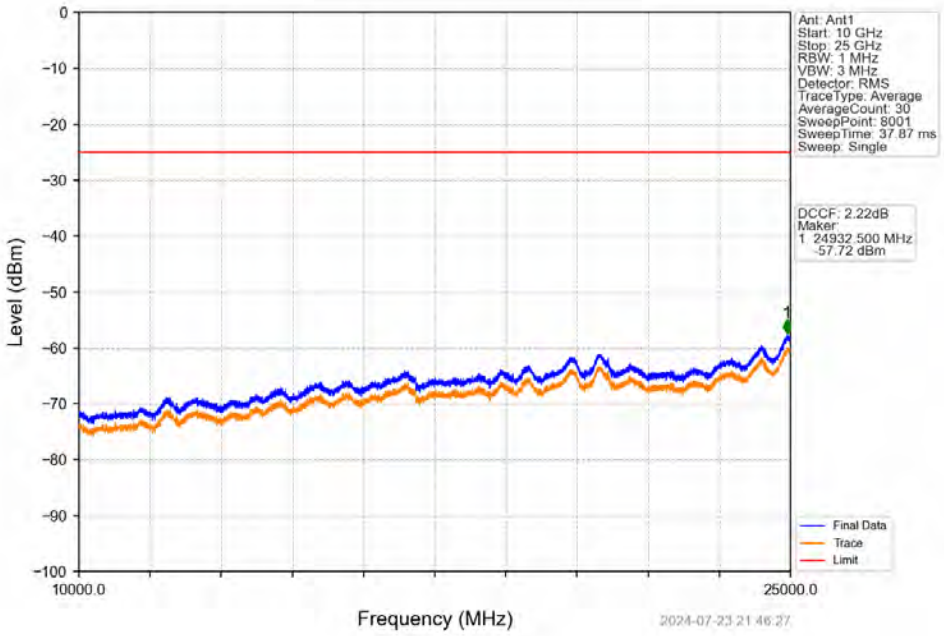


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.416	-35.30	-13	Pass
2495	2496	0.1	/	2	2495.934	-19.62	-13	Pass
2496	2503.5	0.1	/	/	/	/	/	/

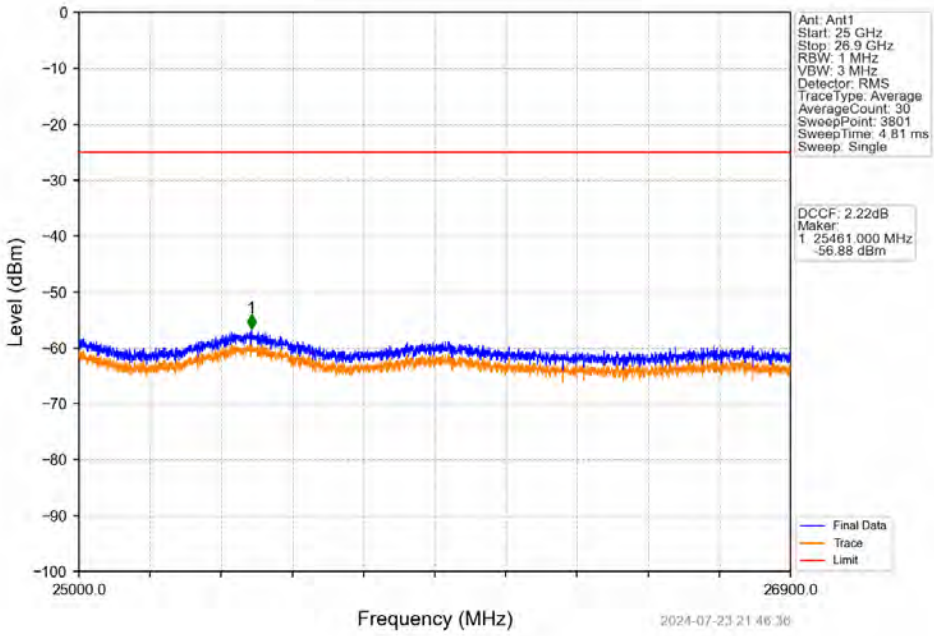
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



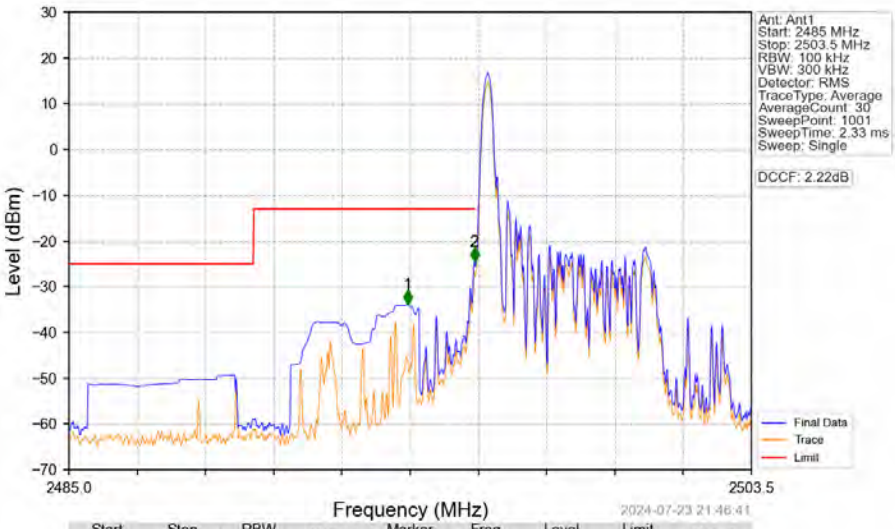
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

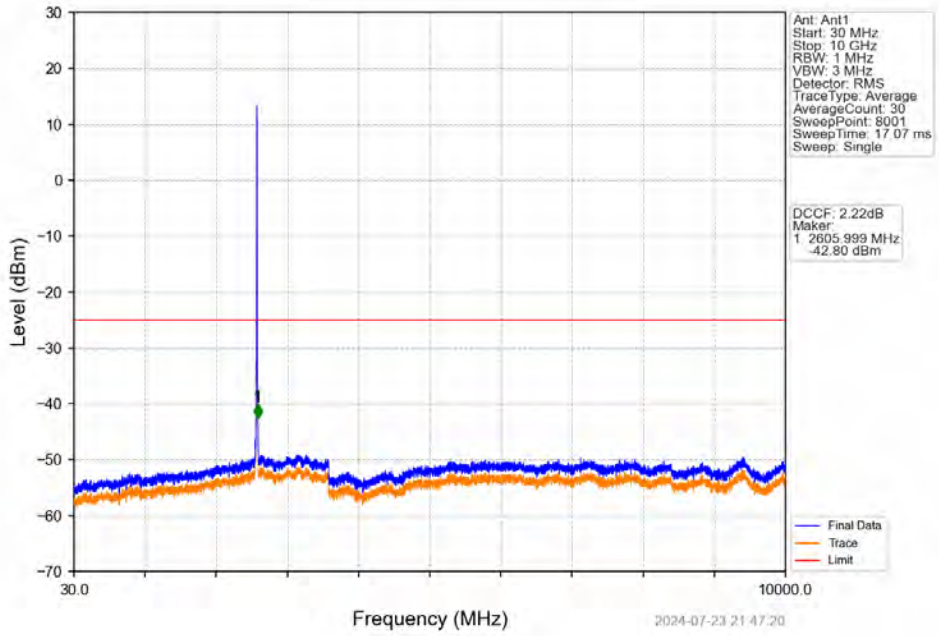


Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV

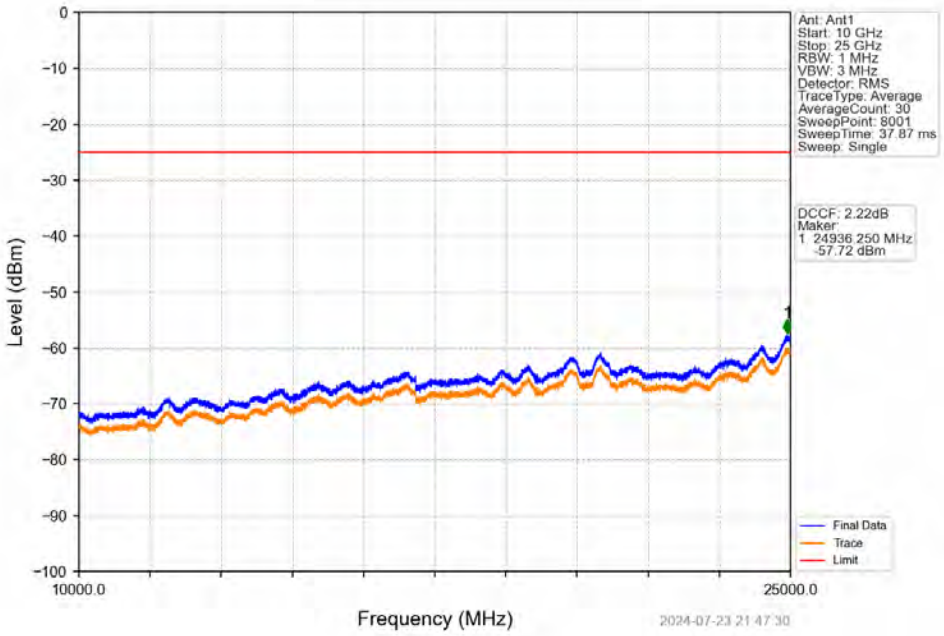


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.176	-33.90	-13	Pass
2495	2496	0.1	/	2	2495.989	-24.48	-13	Pass
2496	2503.5	0.101	/	/	/	/	/	/

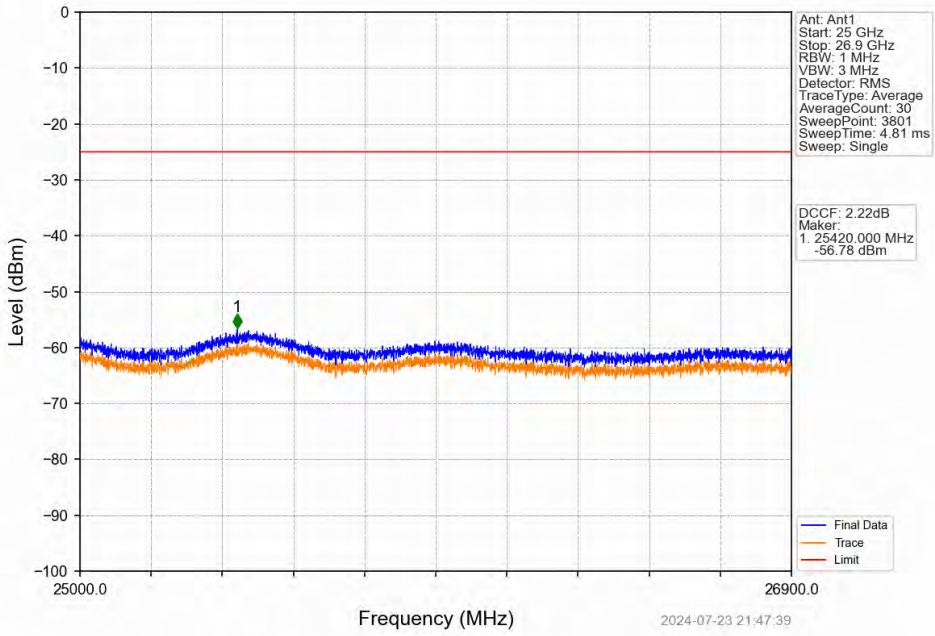
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



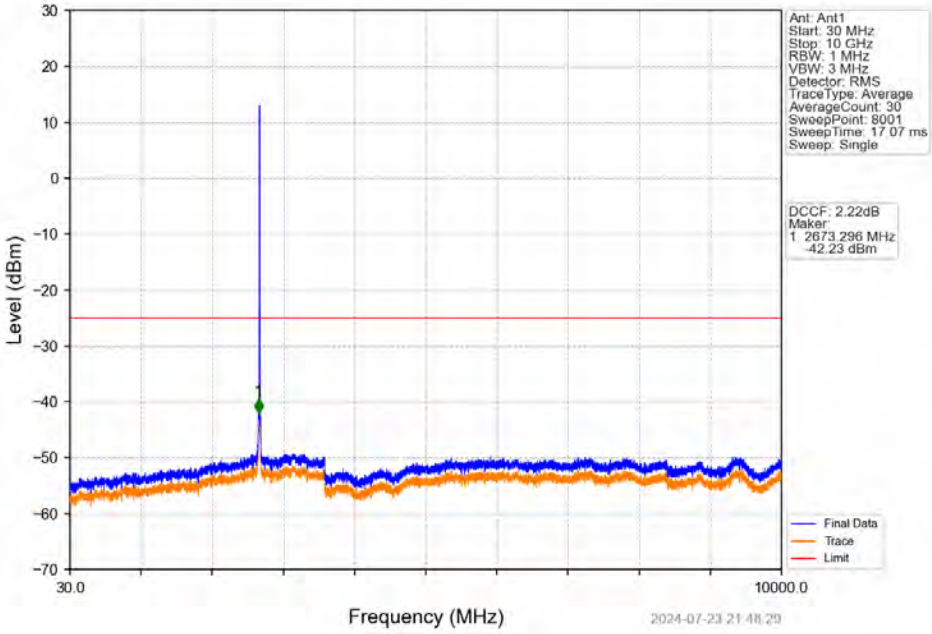
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



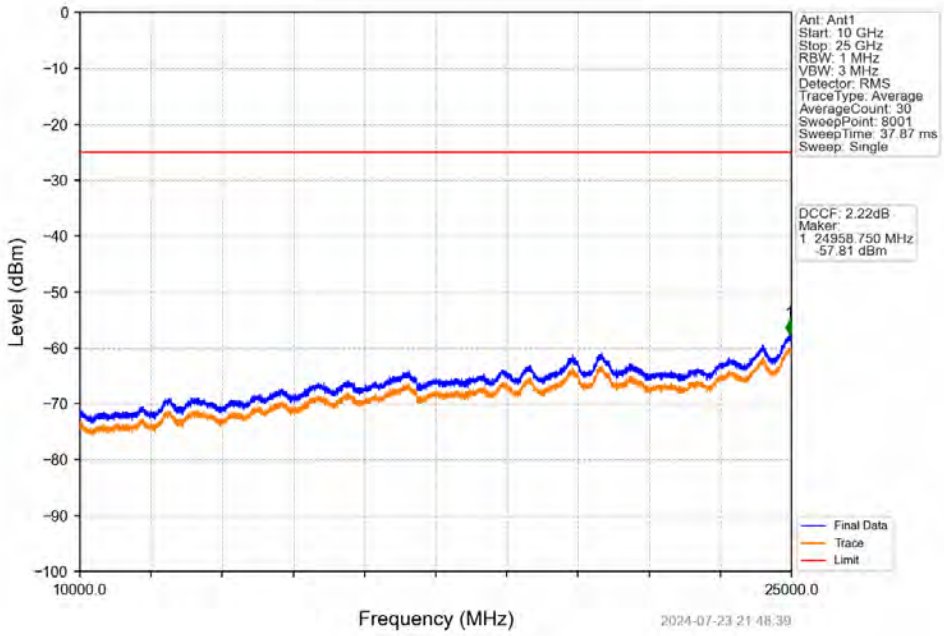
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



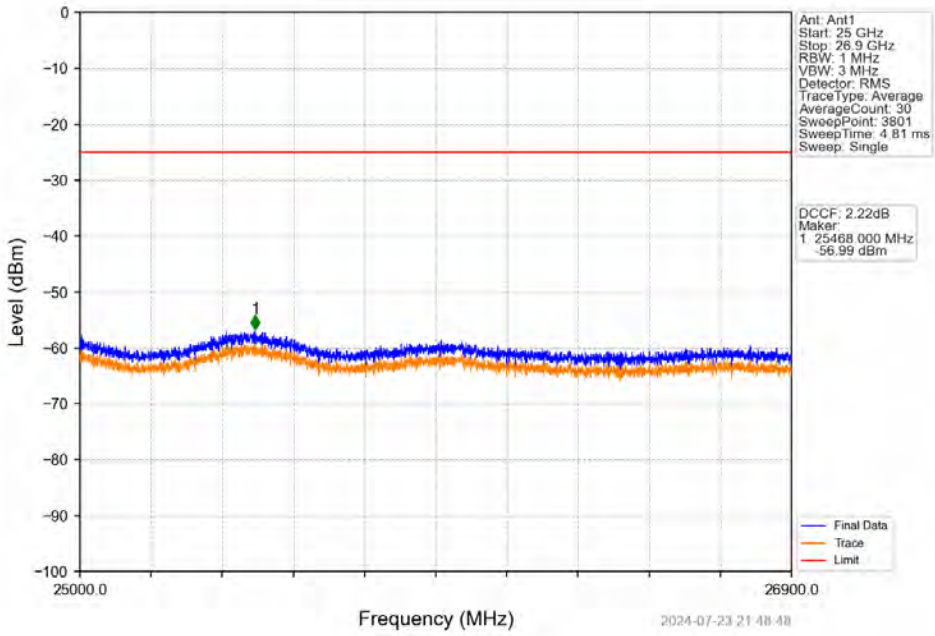
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



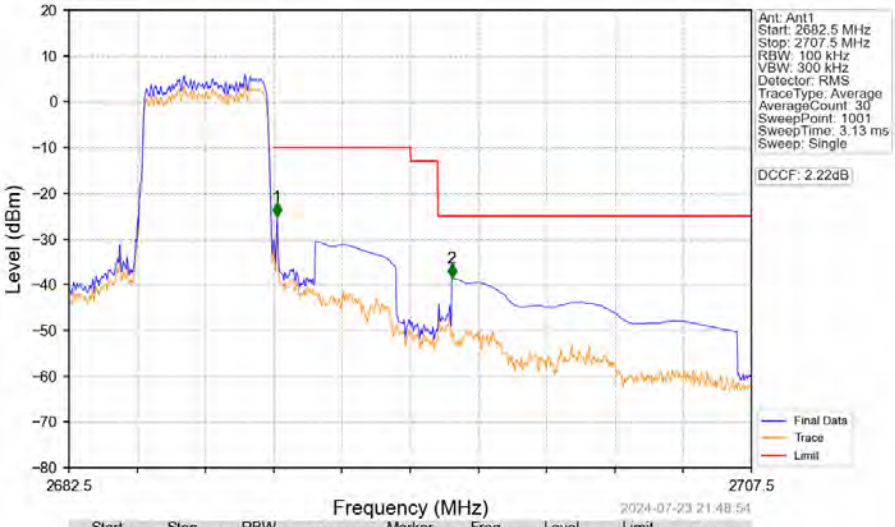
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV

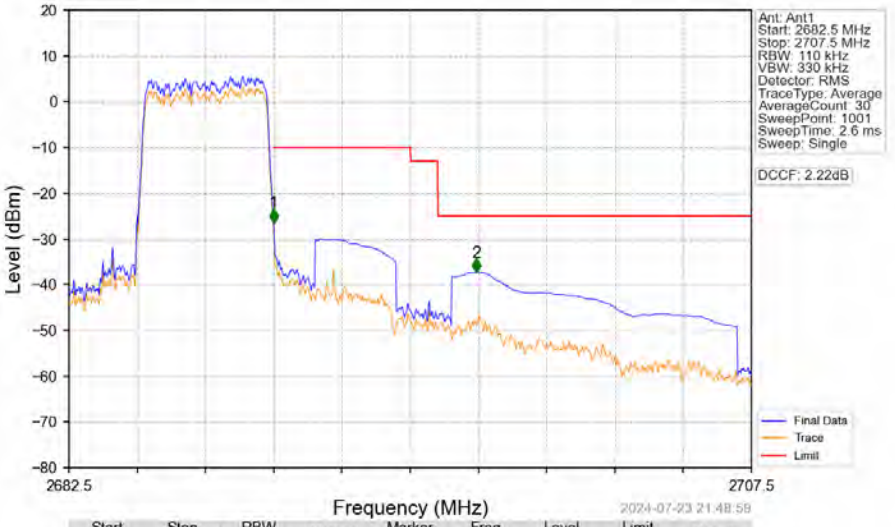


Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_24_NTNV



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	2690.125	-25.22	-10	Pass
2691	2707.5	1	CHP	2	2696.525	-38.56	-25	Pass

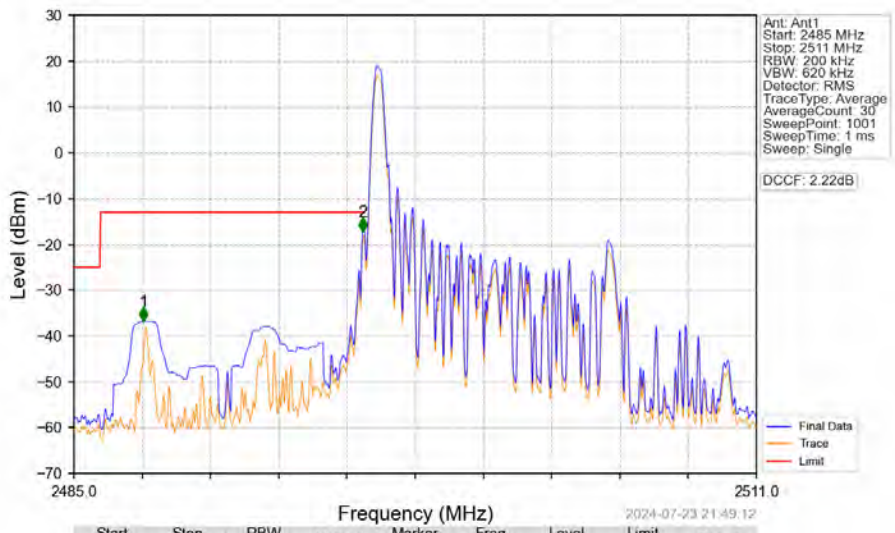
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.11	/	/	/	/	/	/
2690	2691	0.11	/	1	2690.000	-26.49	-10	Pass
2691	2707.5	1	CHP	2	2697.425	-37.27	-25	Pass

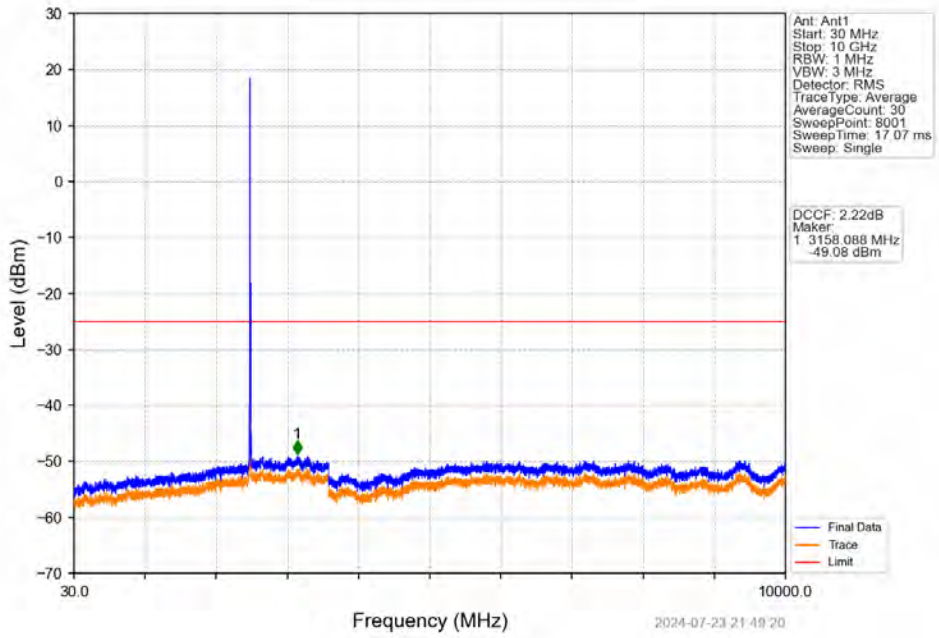
6.2.2 B41_10MHz

Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

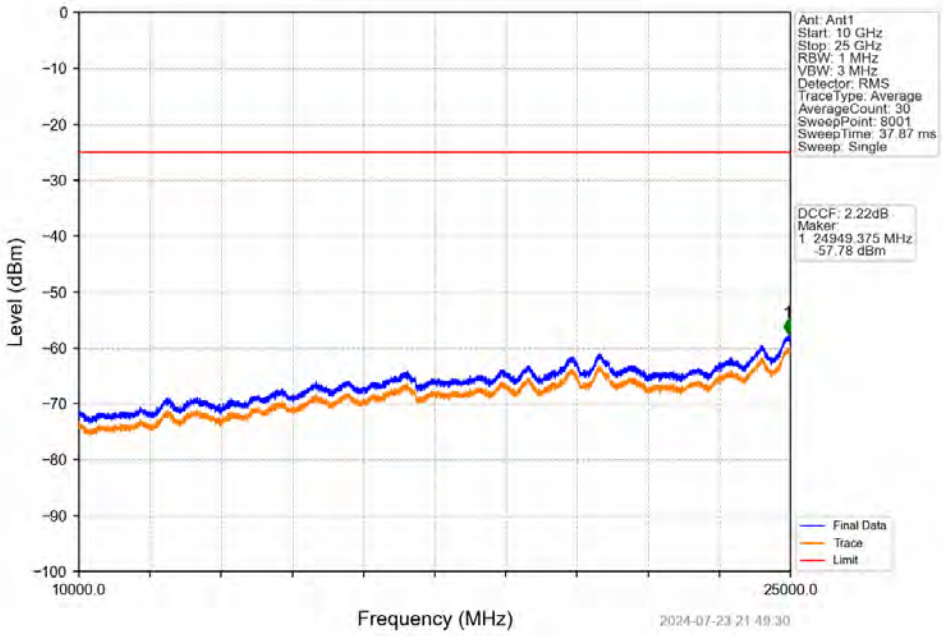


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2487.652	-36.80	-13	Pass
2495	2496	0.2	/	2	2495.998	-17.27	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

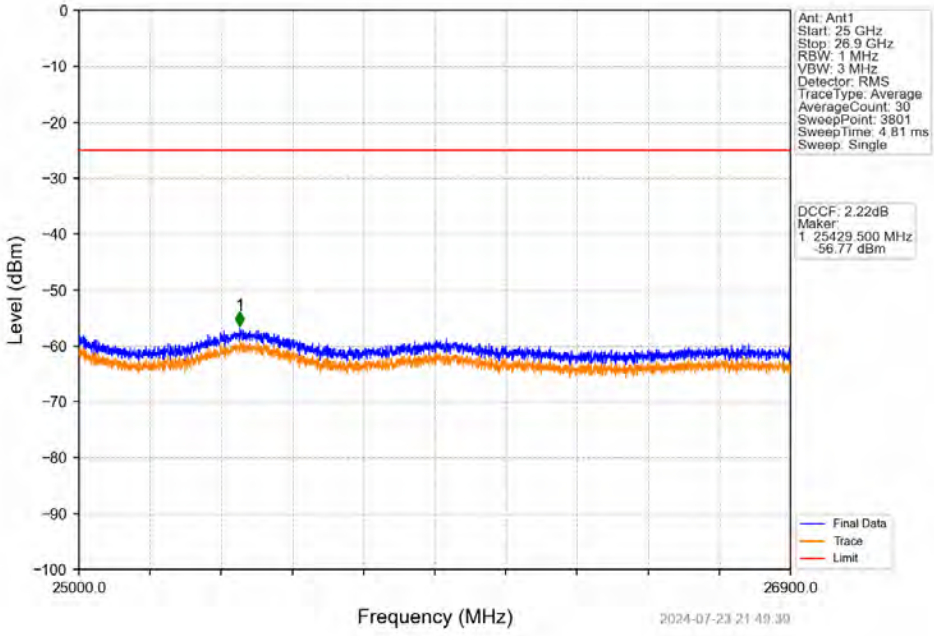
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



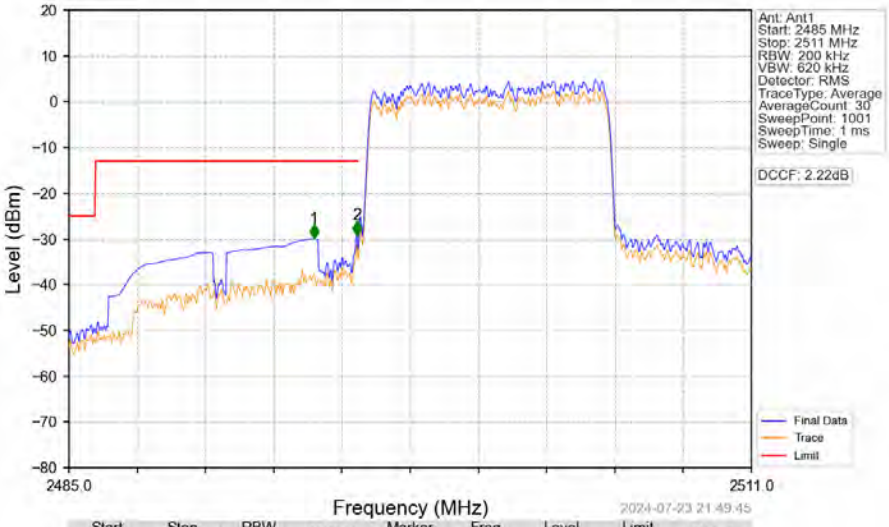
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

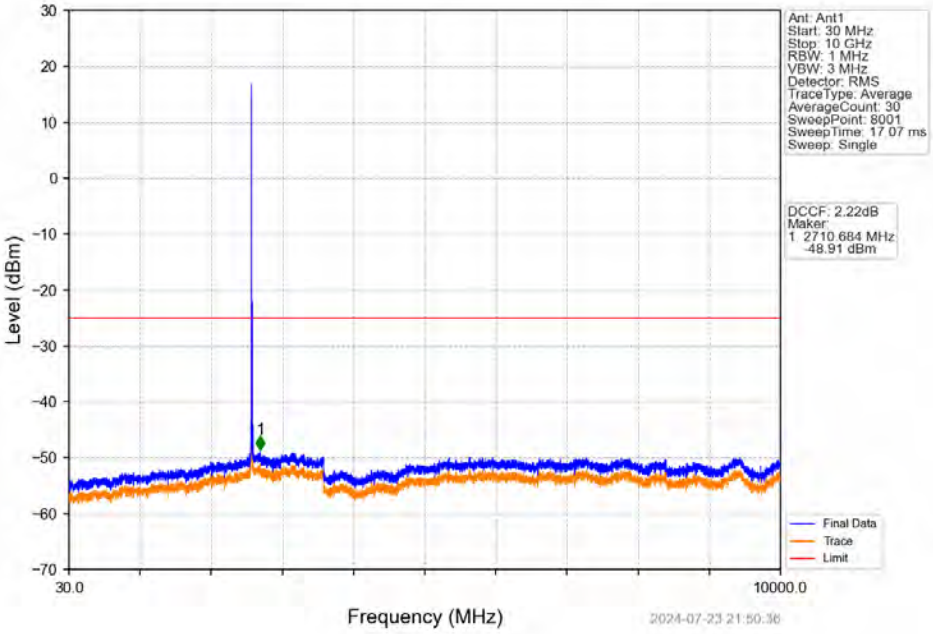


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

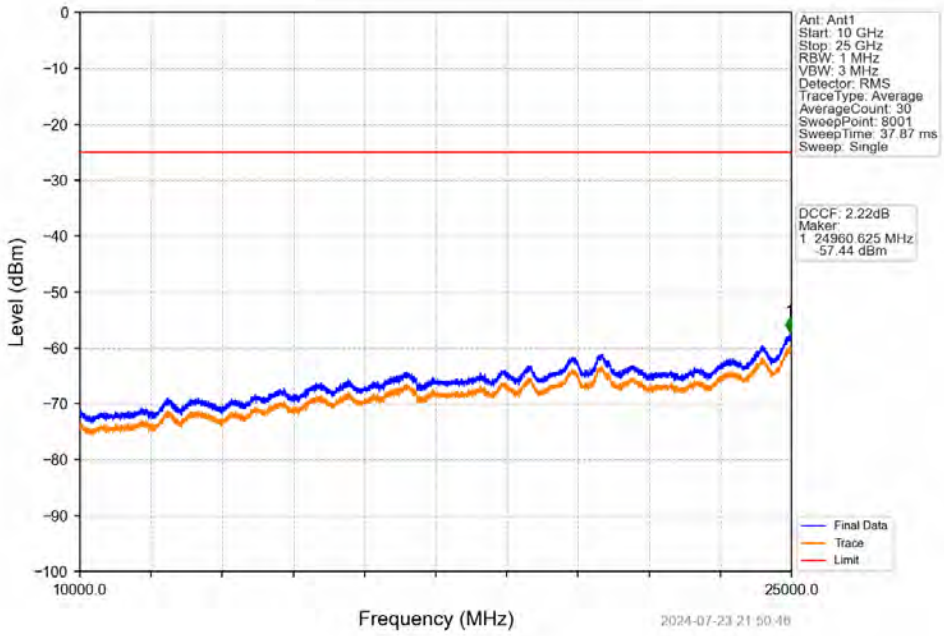


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.334	-29.95	-13	Pass
2495	2496	0.2	/	2	2495.972	-29.14	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

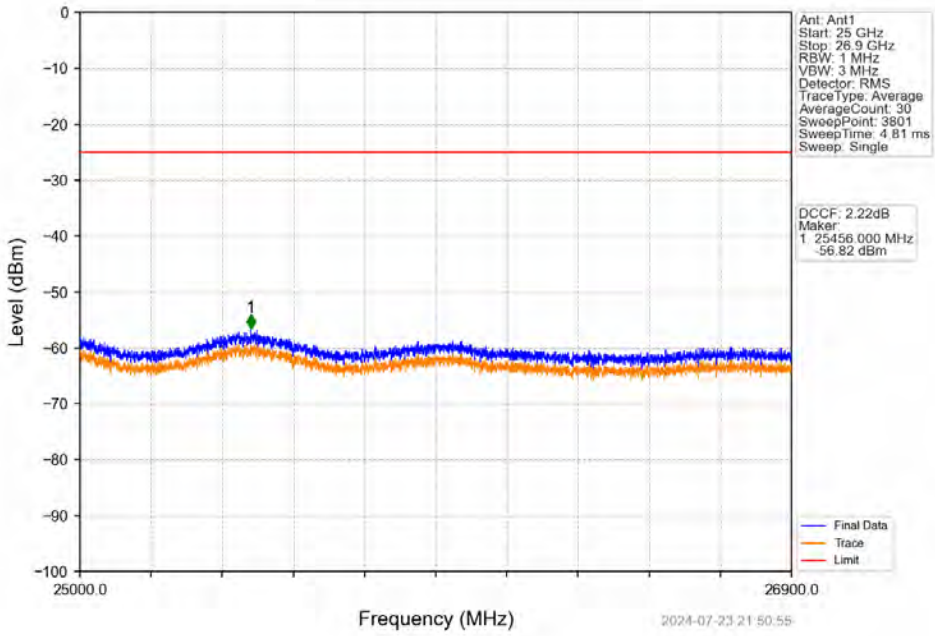
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



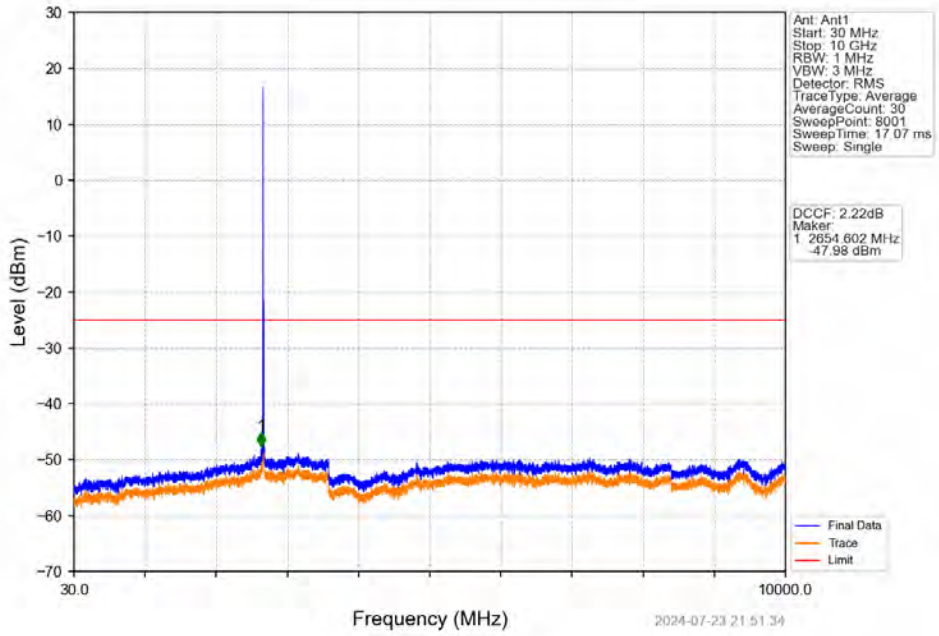
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



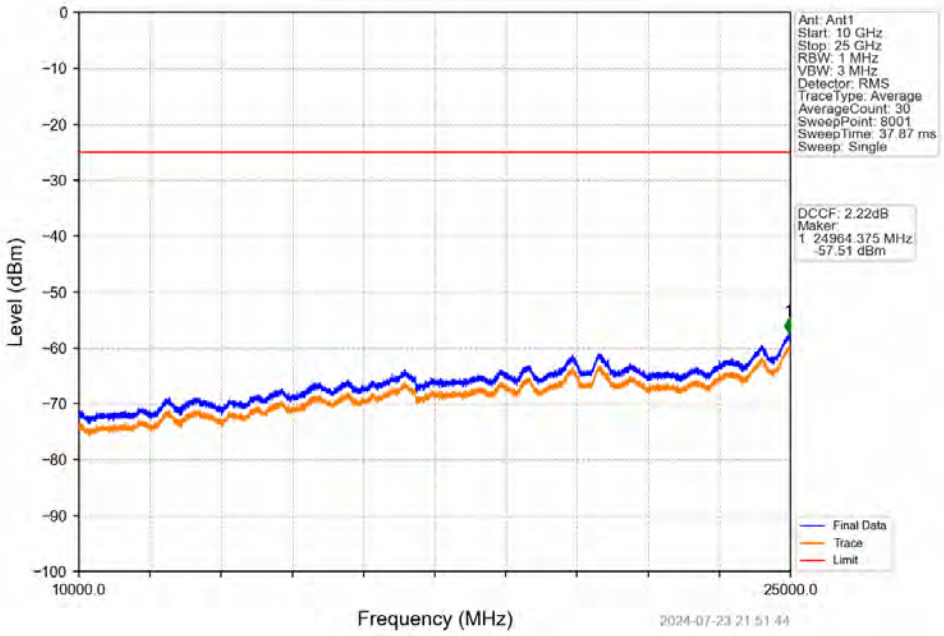
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



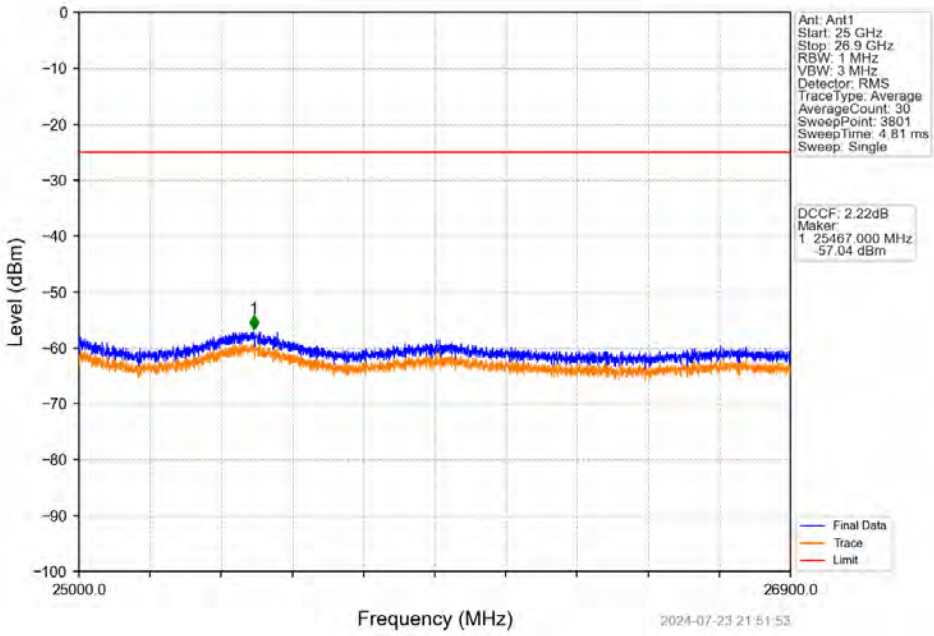
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



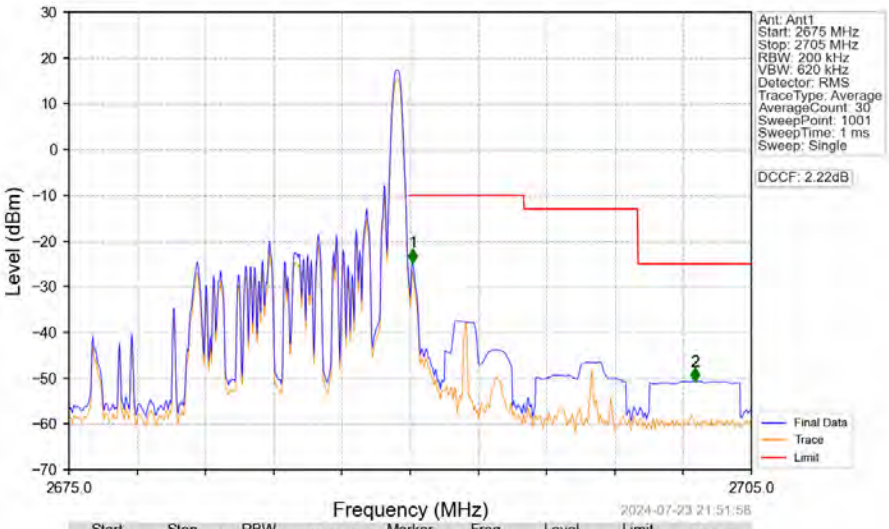
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

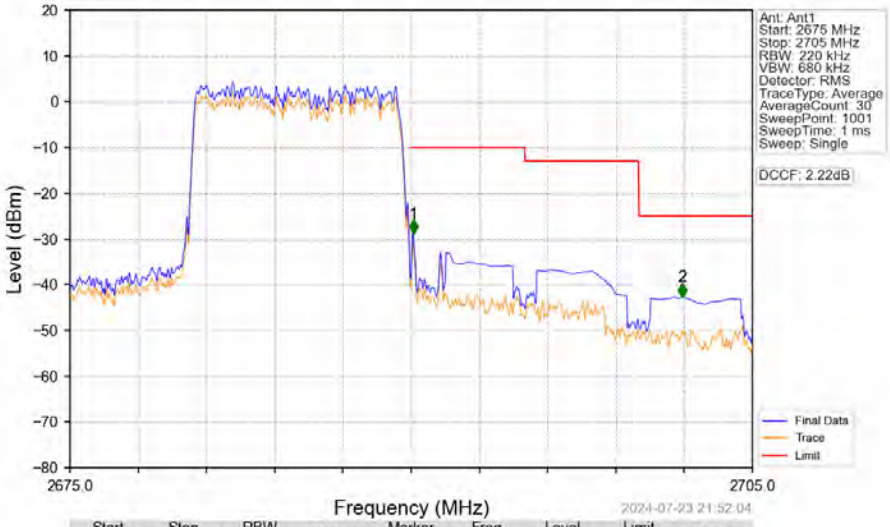


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



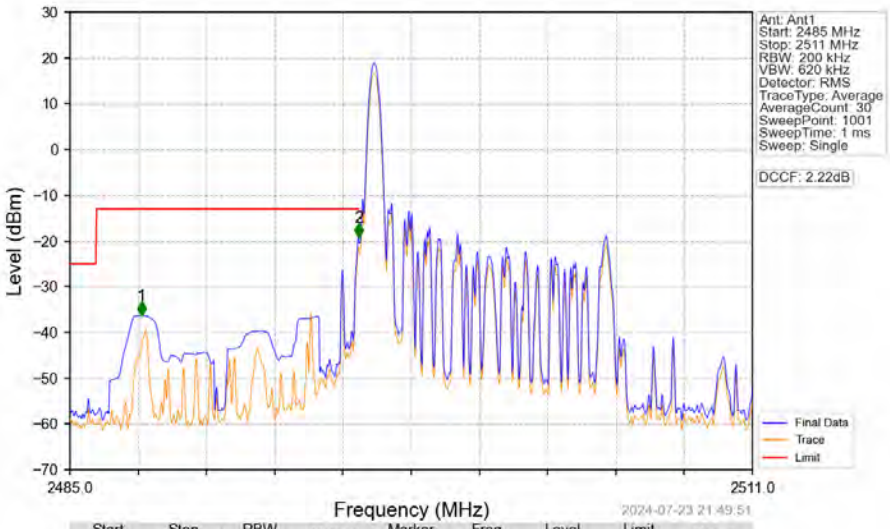
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.2	/	/	/	/	/	/
2690	2691	0.2	/	1	2690.120	-24.78	-10	Pass
2691	2705	1	CHP	2	2702.510	-50.73	-25	Pass

Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



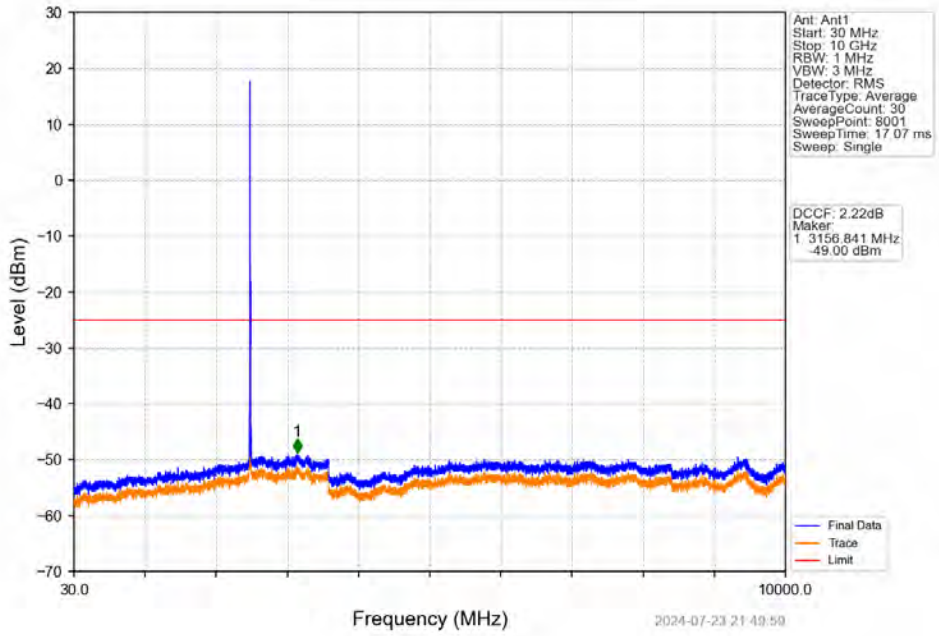
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.22	/	/	/	/	/	/
2690	2691	0.22	/	1	2690.090	-28.90	-10	Pass
2691	2705	1	CHP	2	2701.910	-42.72	-25	Pass

Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV

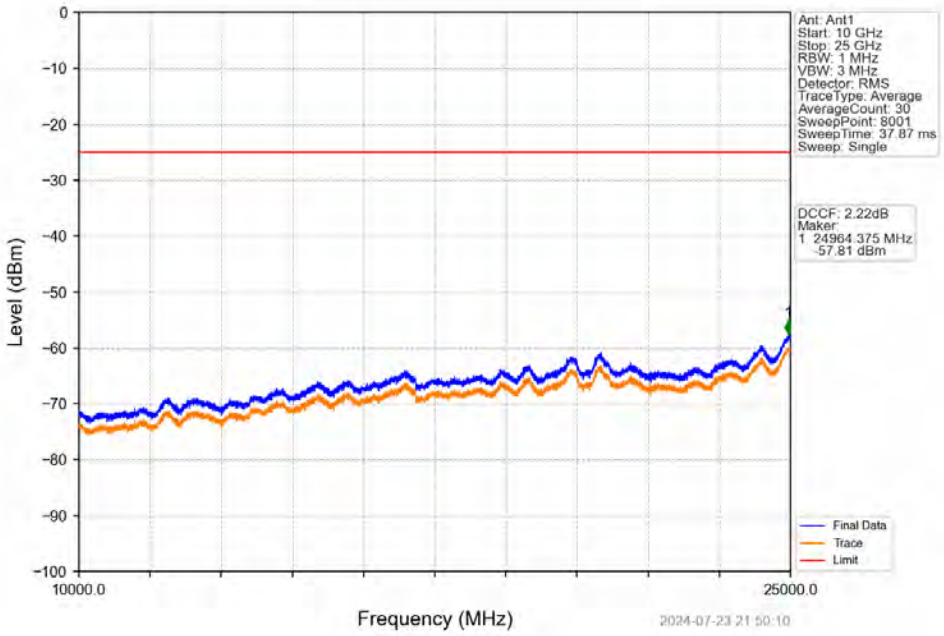


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2487.730	-36.37	-13	Pass
2495	2496	0.2	/	2	2495.998	-19.26	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

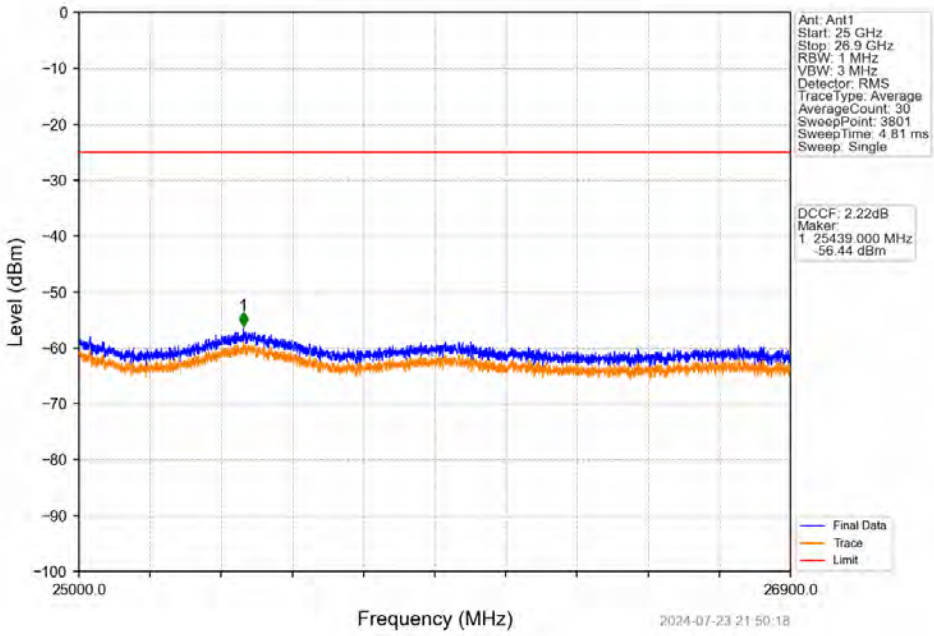
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



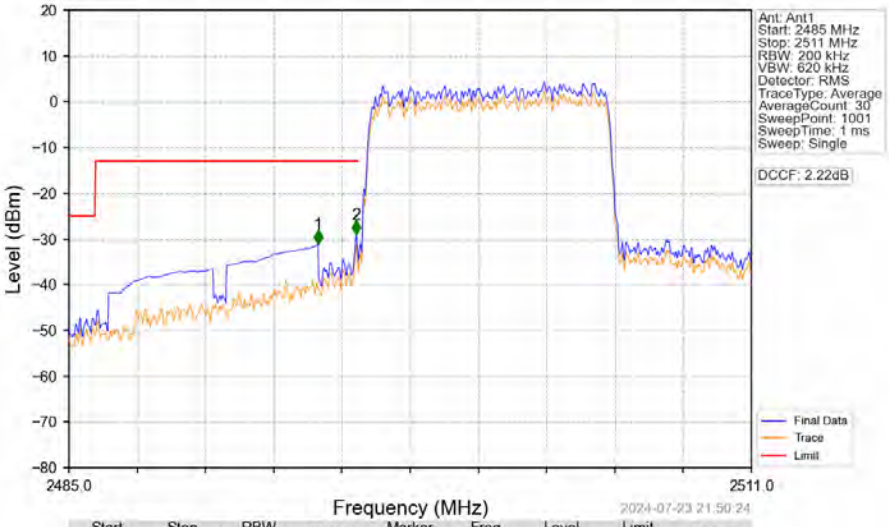
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV

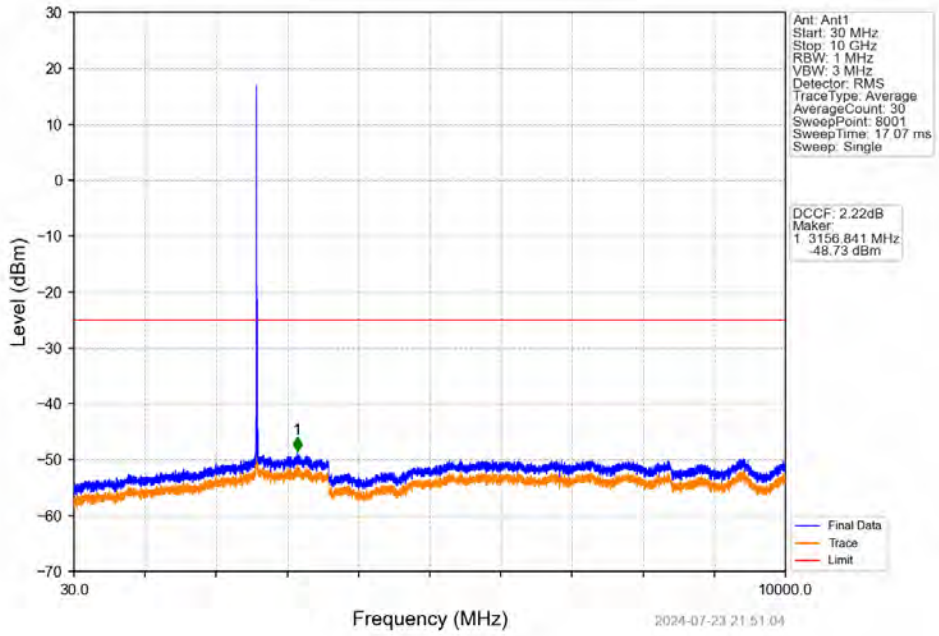


Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV

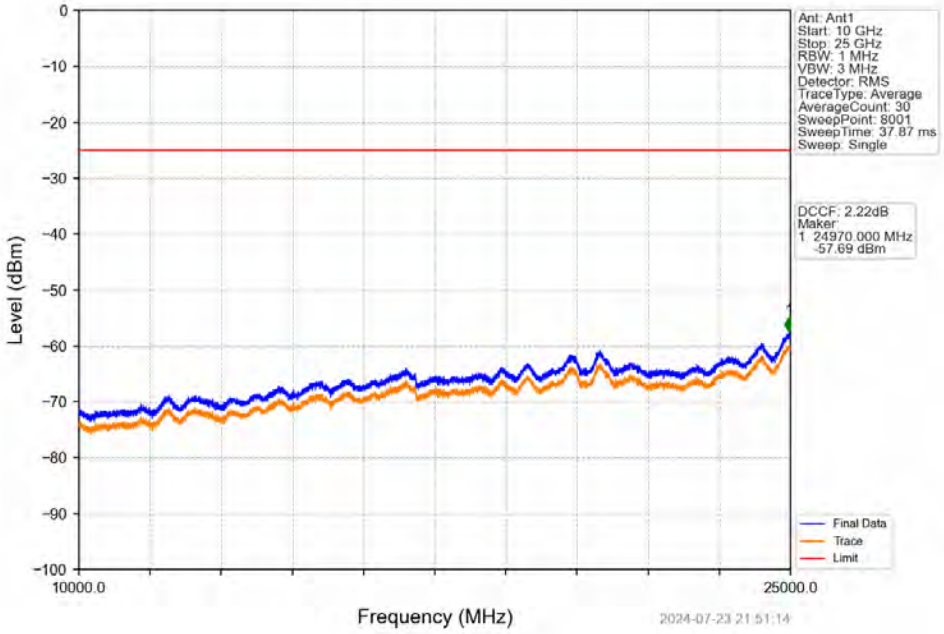


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.490	-31.15	-13	Pass
2495	2496	0.2	/	2	2495.946	-29.00	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

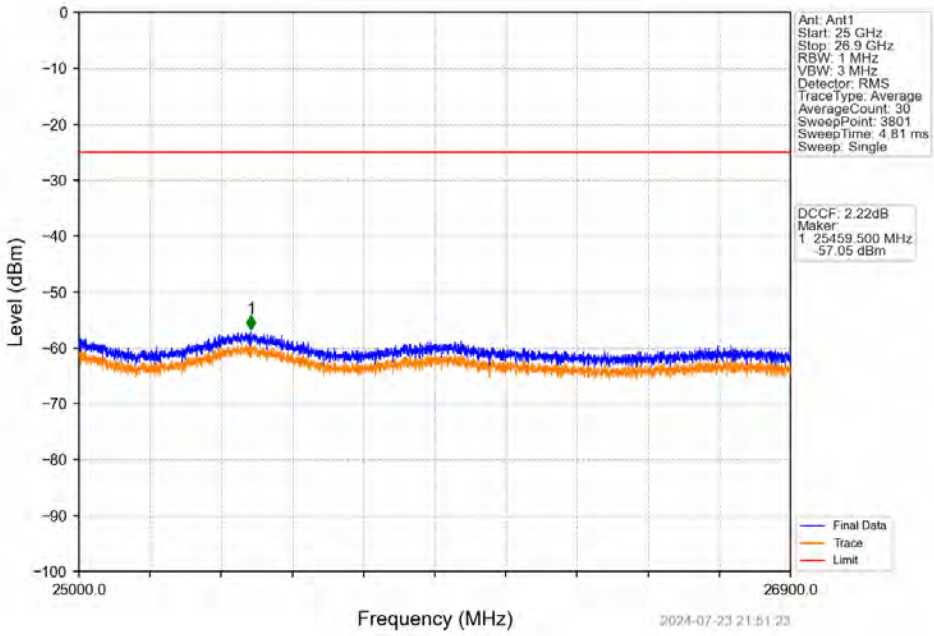
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



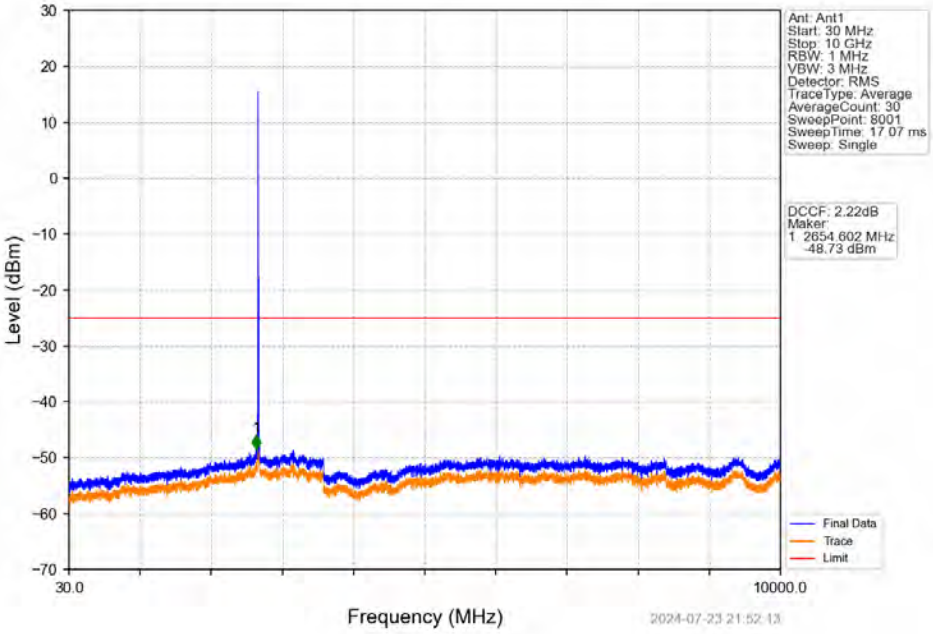
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



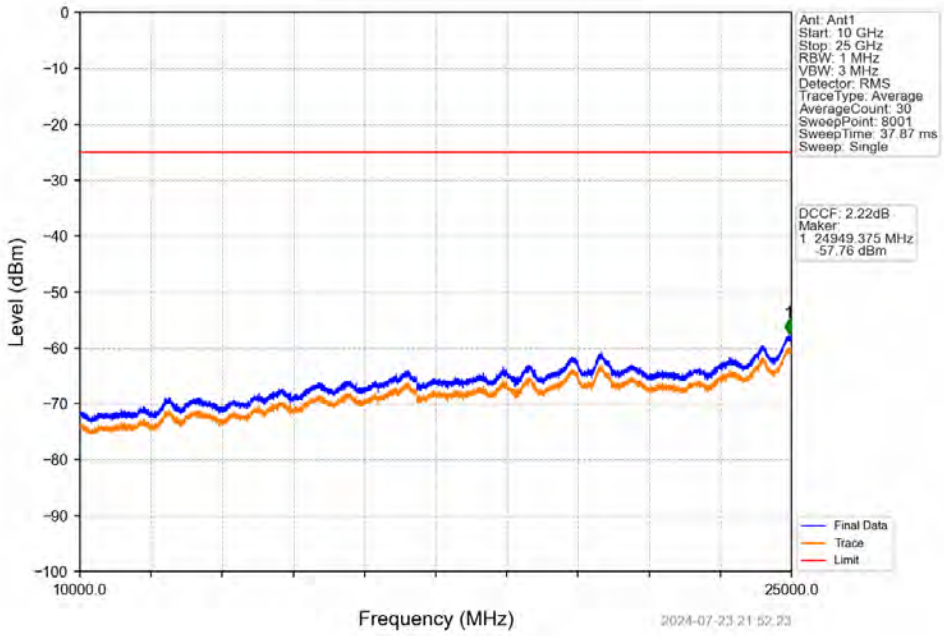
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



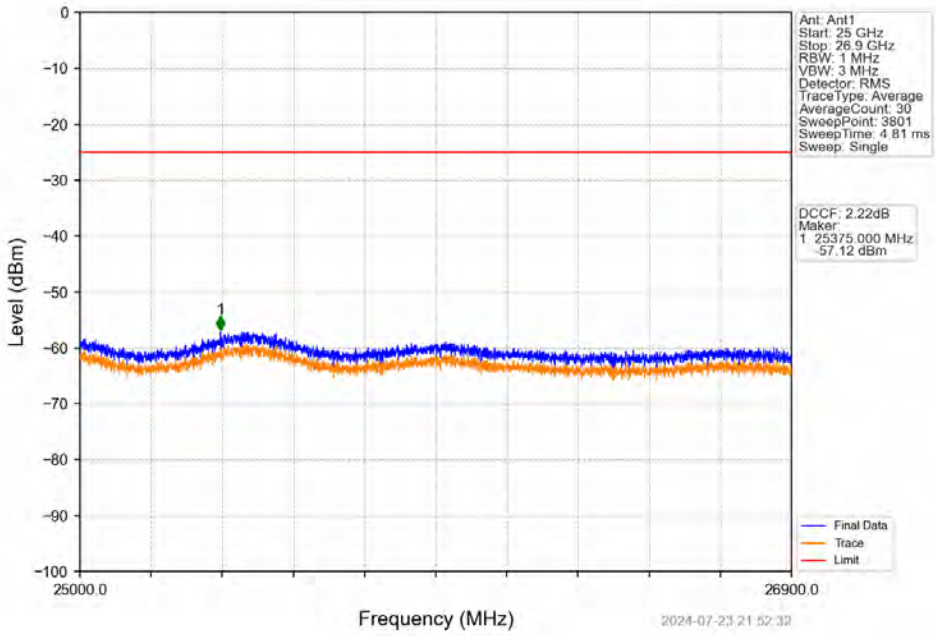
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



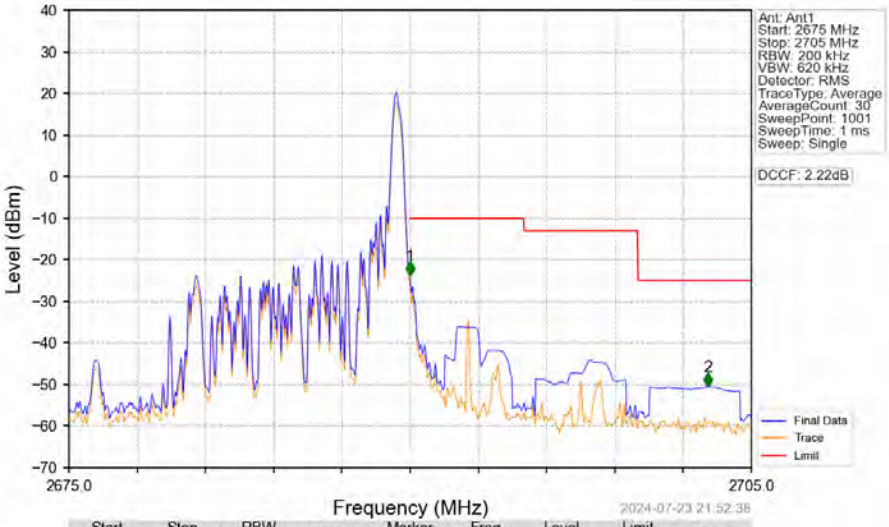
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV

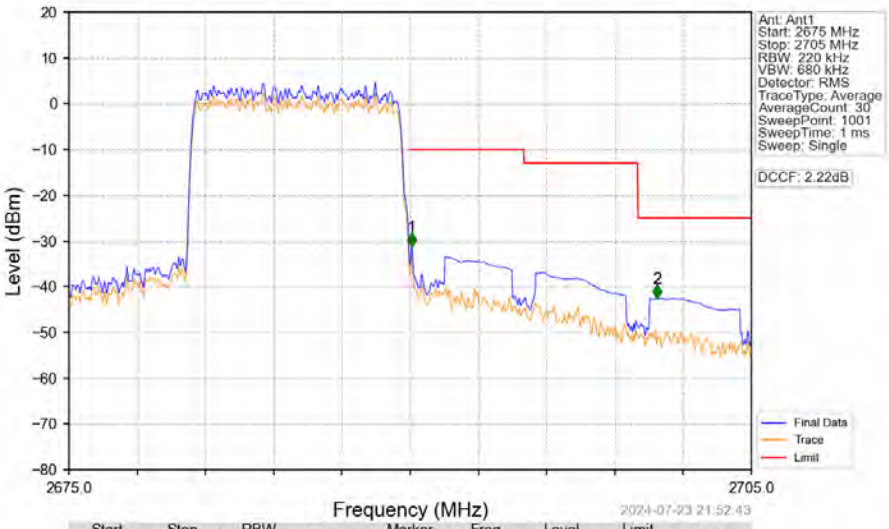


Band41_10MHz_16QAM_HCH_2685MHz_RB_1_49_NTNV



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	2690.000	-23.77	-10	Pass
2691	2705	1	CHP	2	2703.080	-50.61	-25	Pass

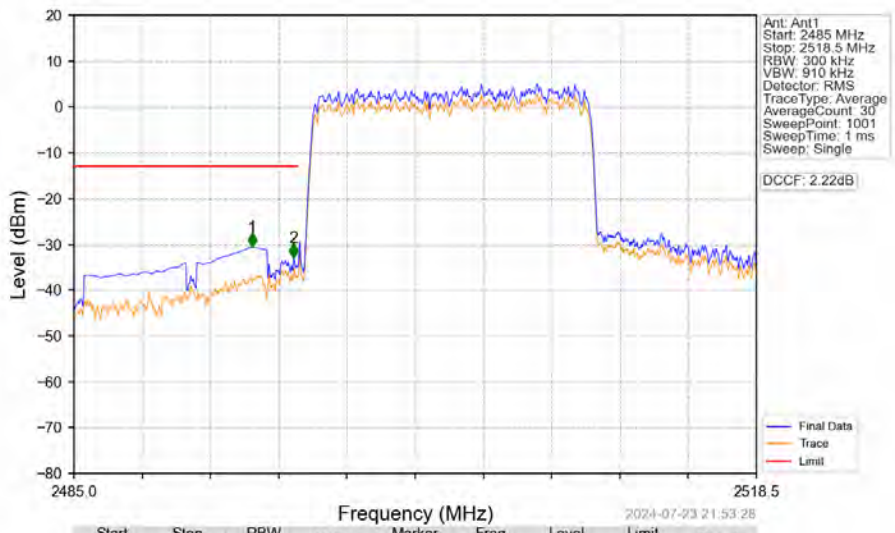
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.22	/	/	/	/	/	/
2690	2691	0.22	/	1	2690.060	-31.29	-10	Pass
2691	2705	1	CHP	2	2700.860	-42.61	-25	Pass

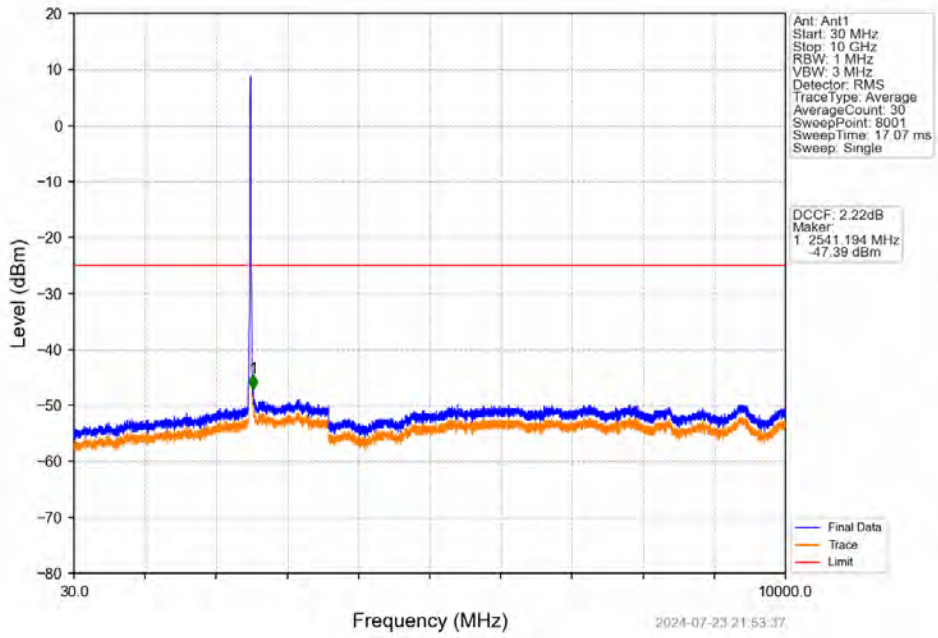
6.2.3 B41_15MHz

Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

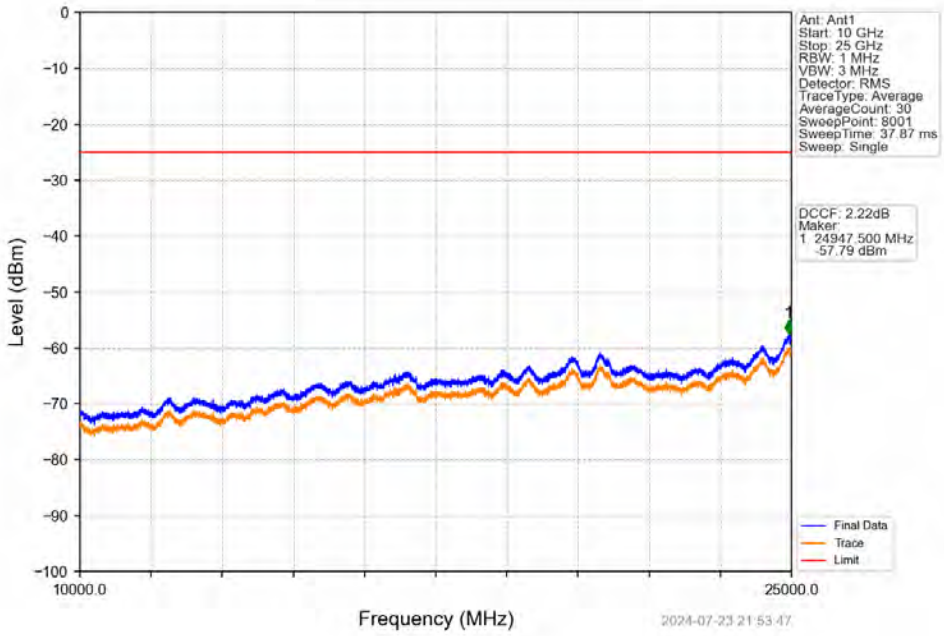


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2493.744	-30.63	-13	Pass
2495	2496	0.3	/	2	2495.787	-32.97	-13	Pass
2496	2518.5	0.3	/	/	/	/	/	/

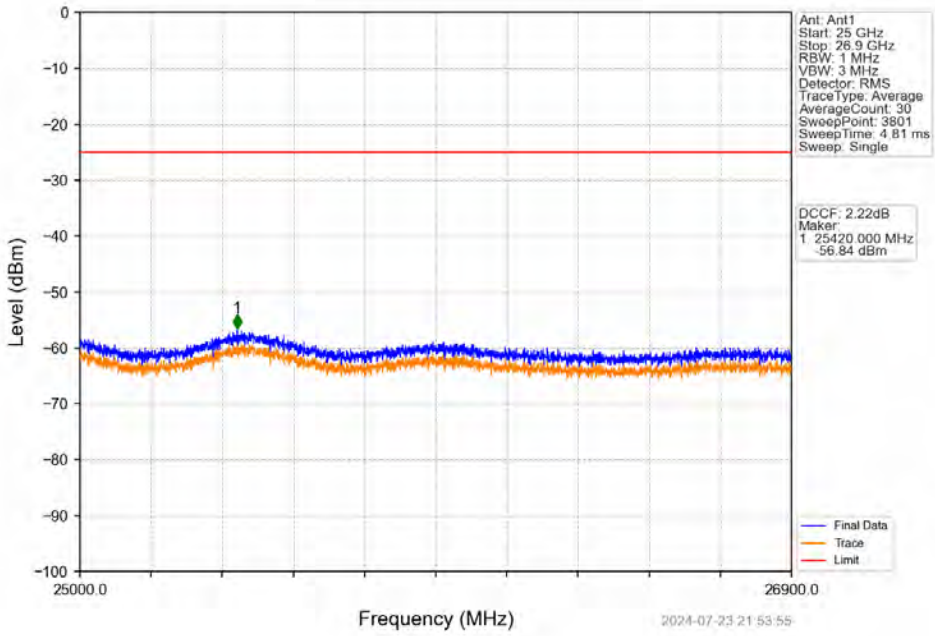
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



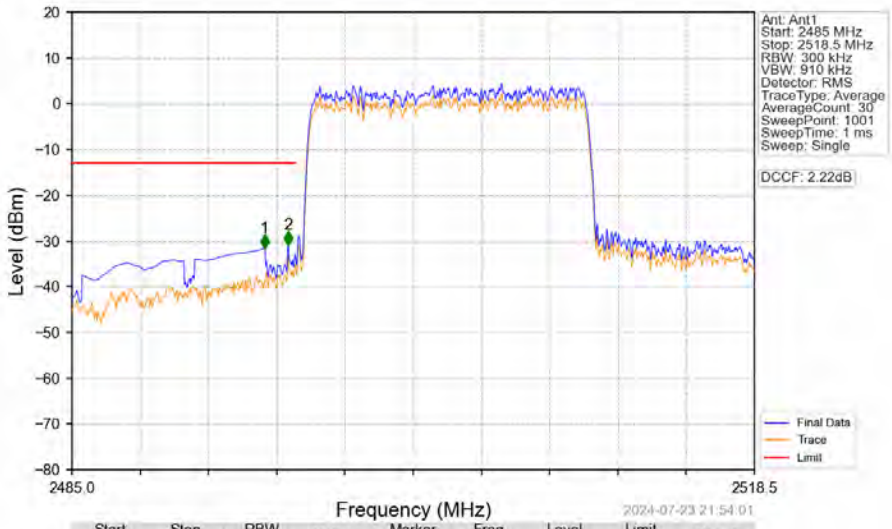
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

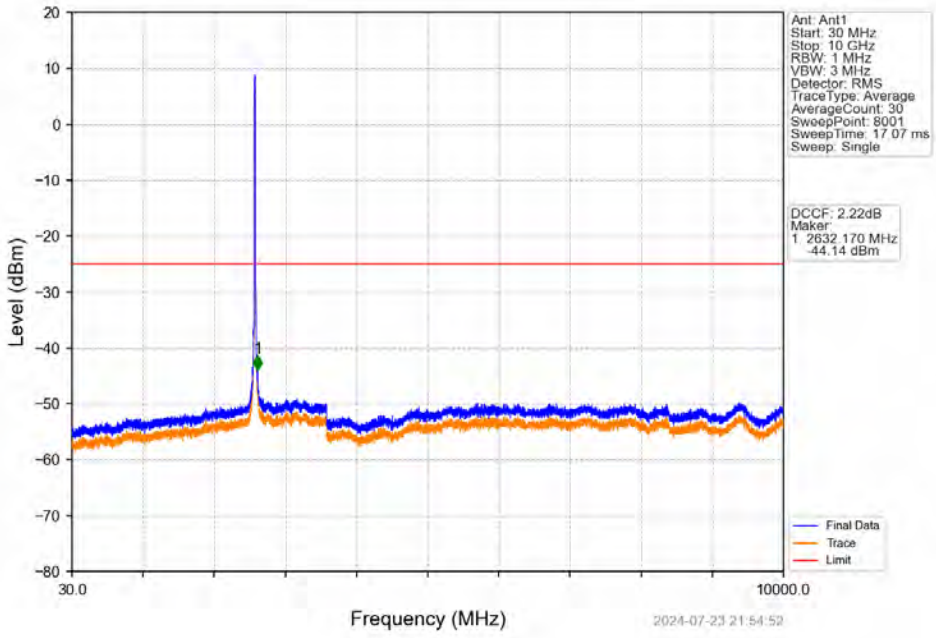


Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV

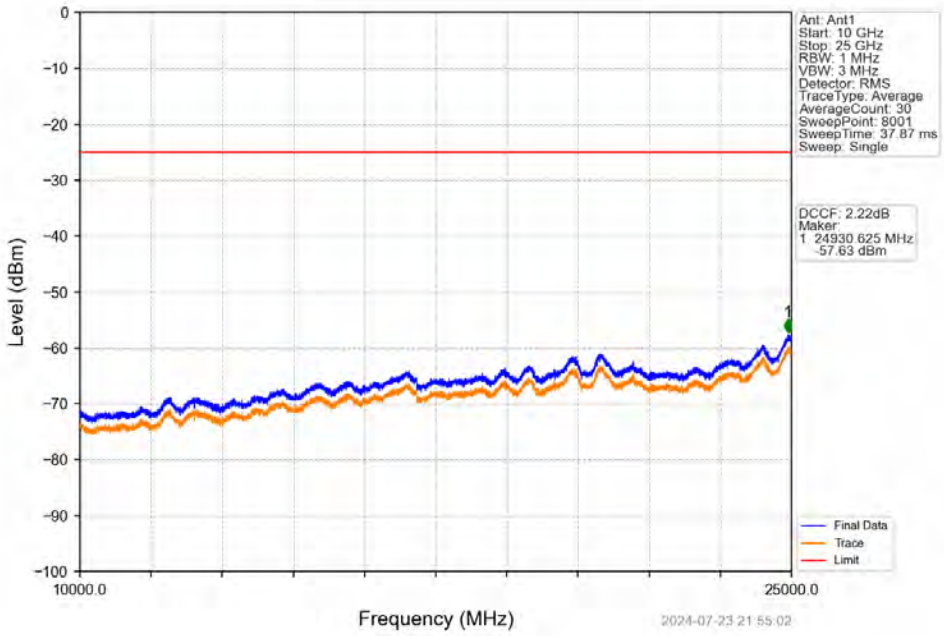


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.447	-31.59	-13	Pass
2495	2496	0.3	/	2	2495.619	-30.88	-13	Pass
2496	2518.5	0.305	/	/	/	/	/	/

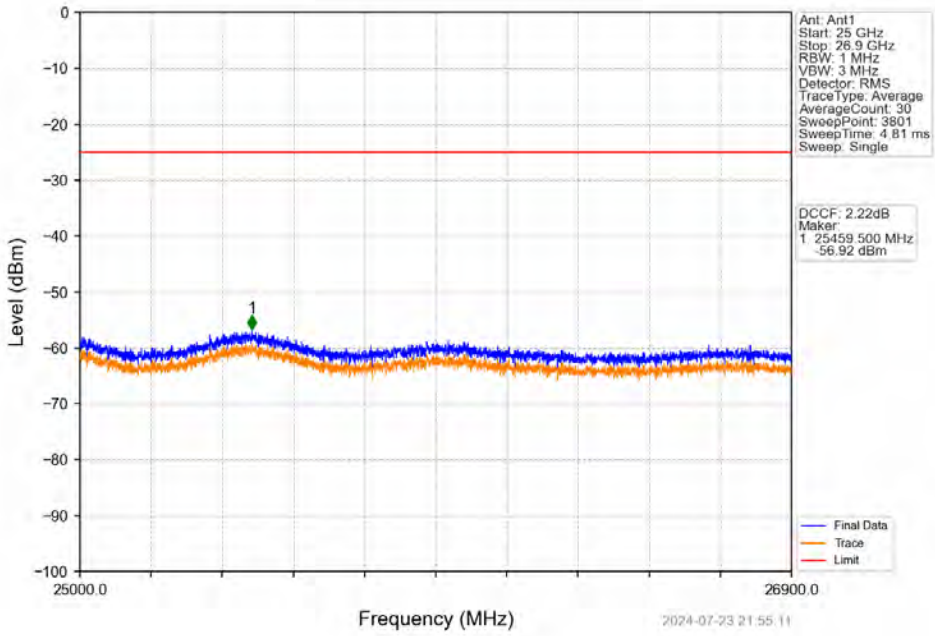
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



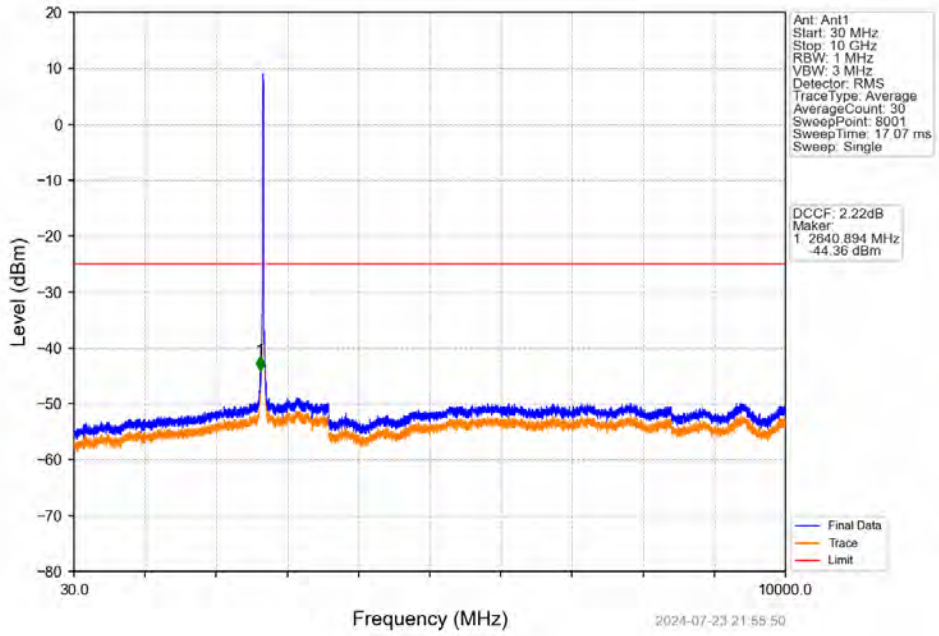
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



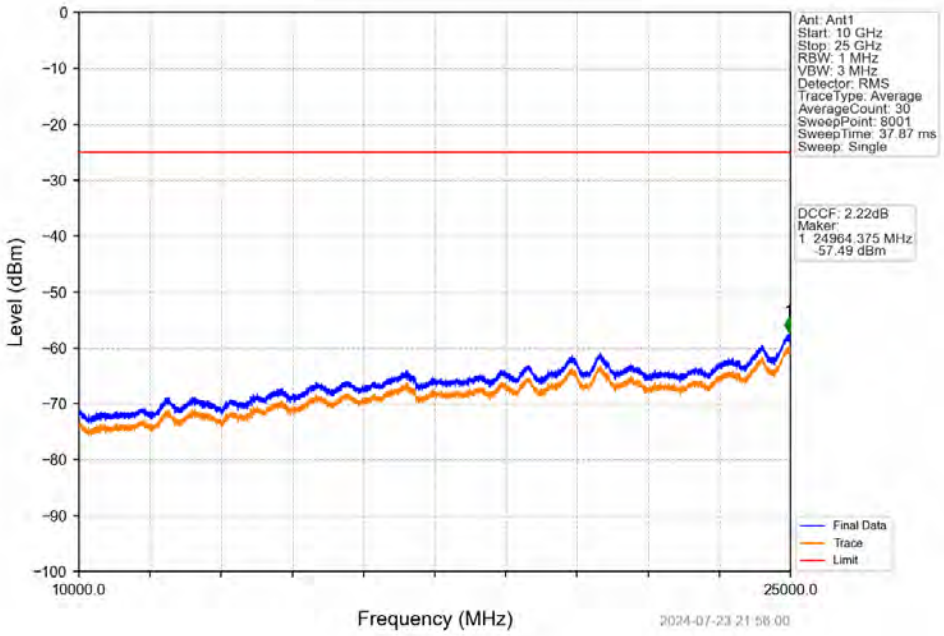
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



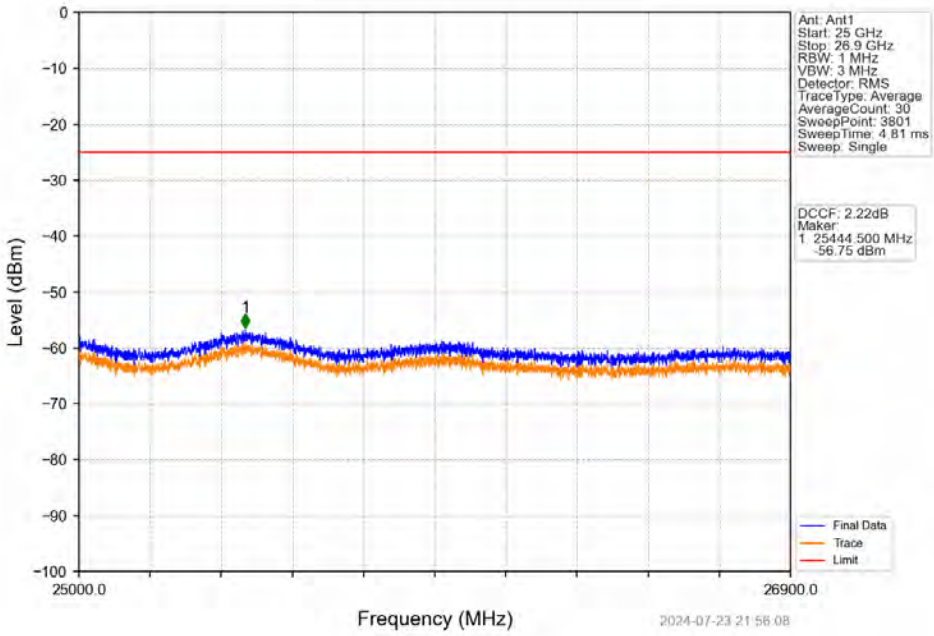
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



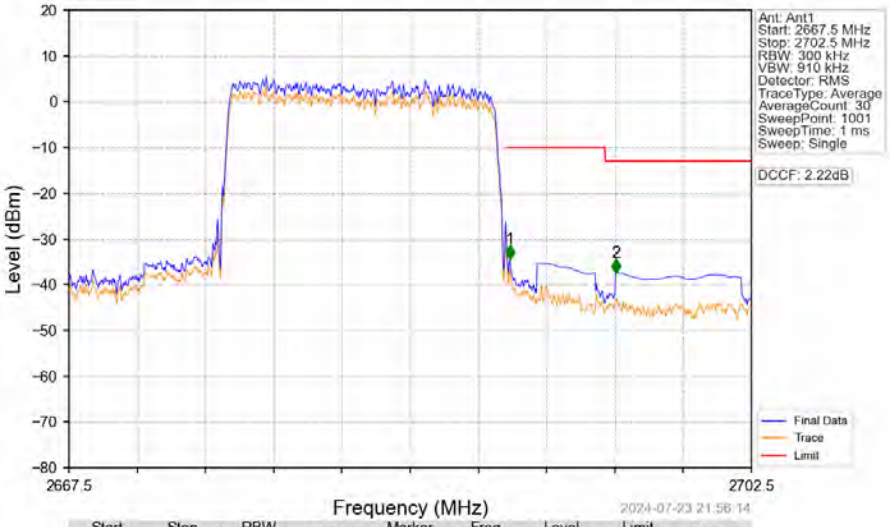
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV

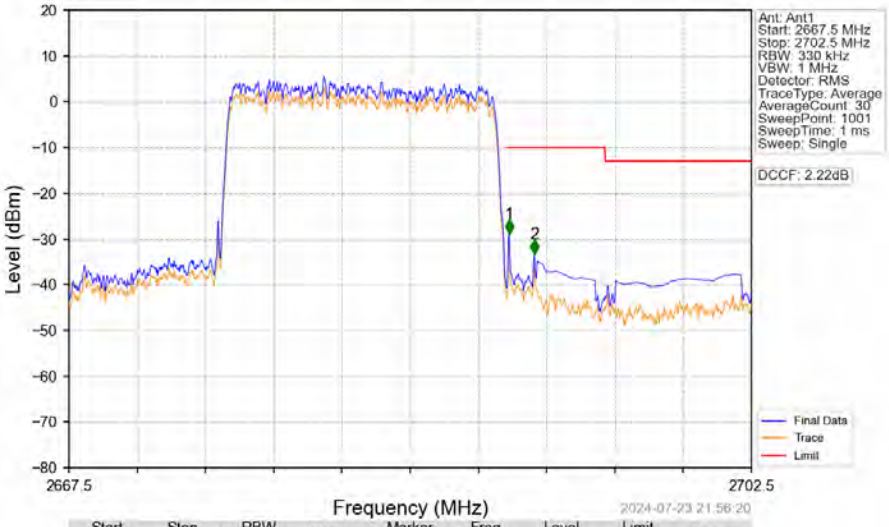


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



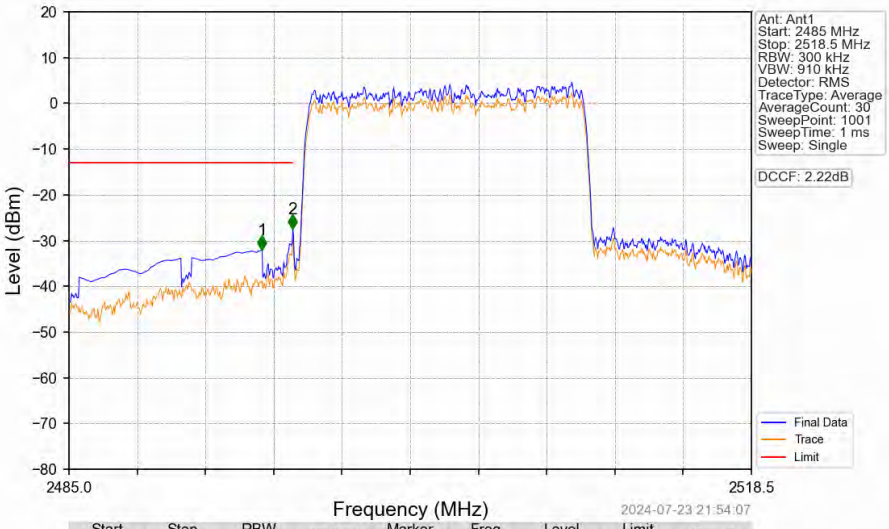
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.3	/	/	/	/	/	/
2690	2691	0.3	/	1	2690.110	-34.43	-10	Pass
2691	2702.5	1	CHP	2	2695.570	-37.42	-13	Pass

Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



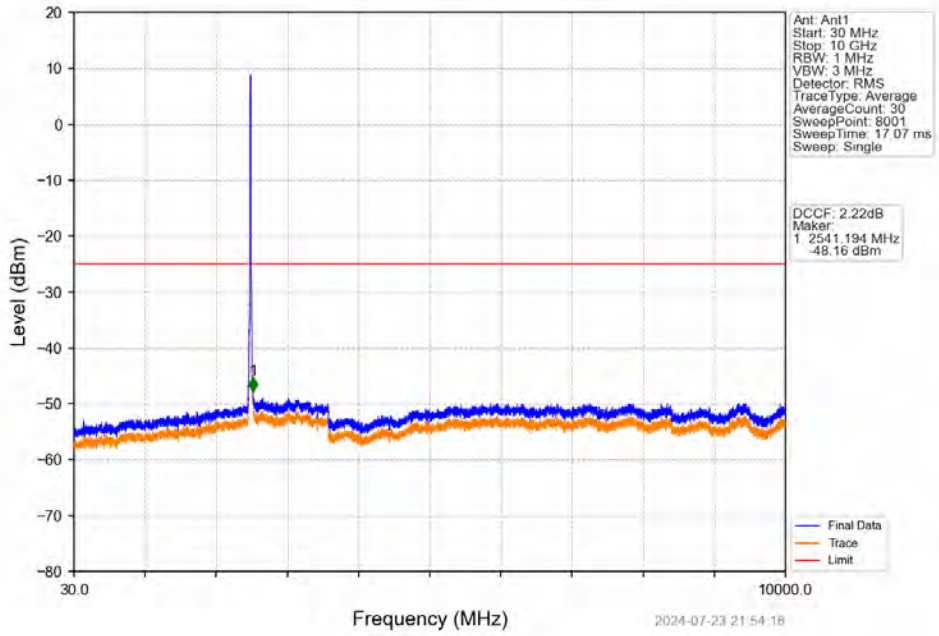
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.33	/	/	/	/	/	/
2690	2691	0.33	/	1	2690.075	-28.93	-10	Pass
2691	2702.5	1	CHP	2	2691.370	-33.24	-10	Pass

Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV

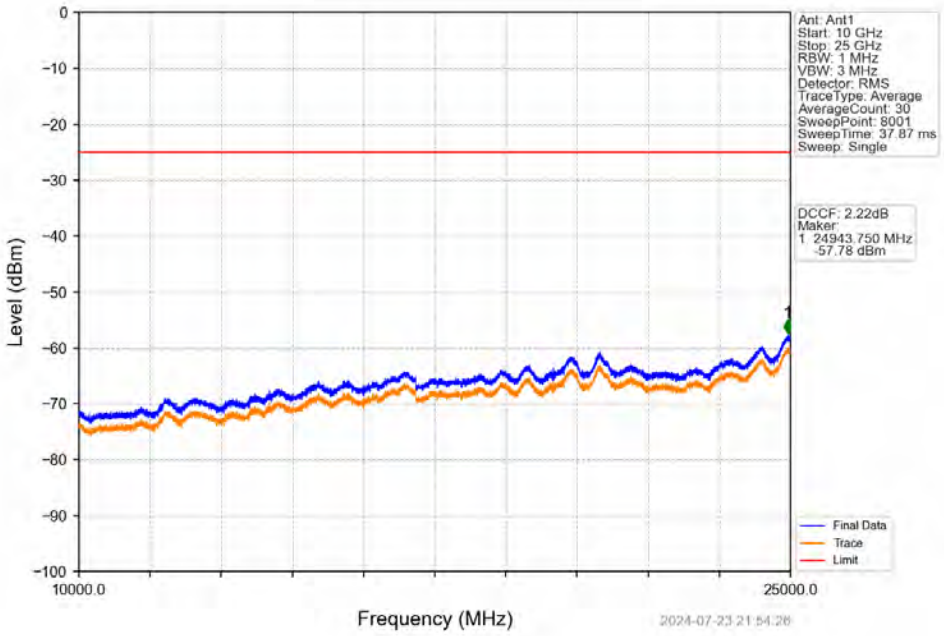


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.481	-32.05	-13	Pass
2495	2496	0.3	/	2	2495.988	-27.51	-13	Pass
2496	2518.5	0.3	/	/	/	/	/	/

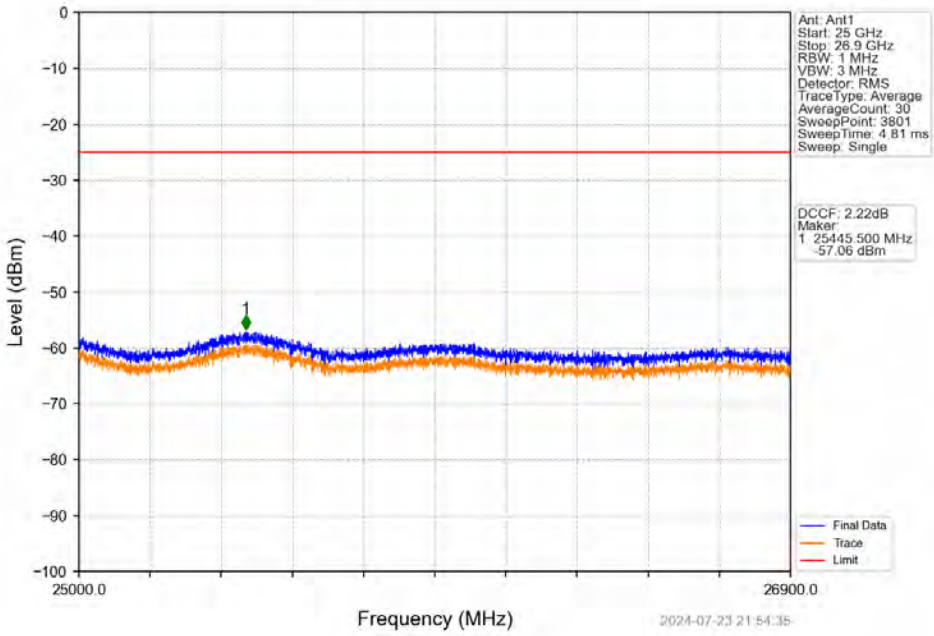
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



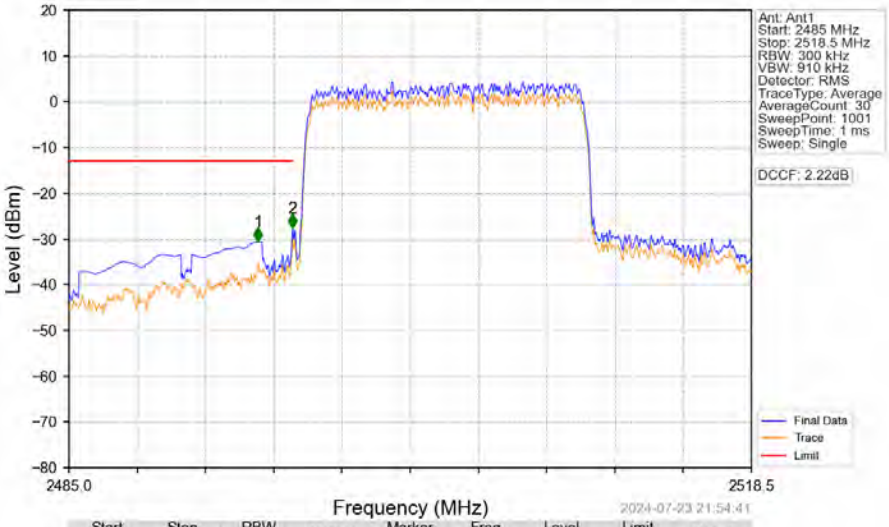
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV

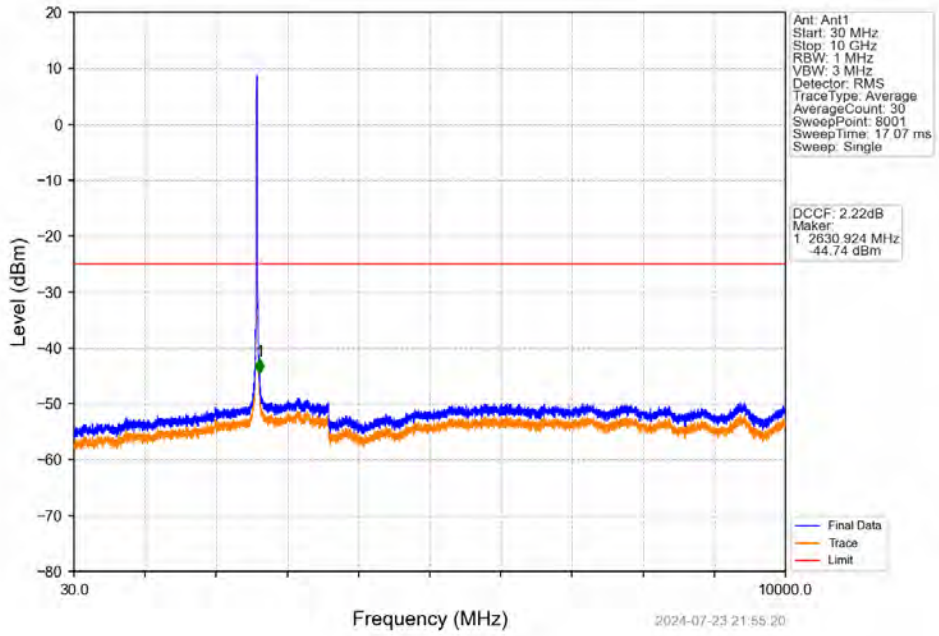


Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV

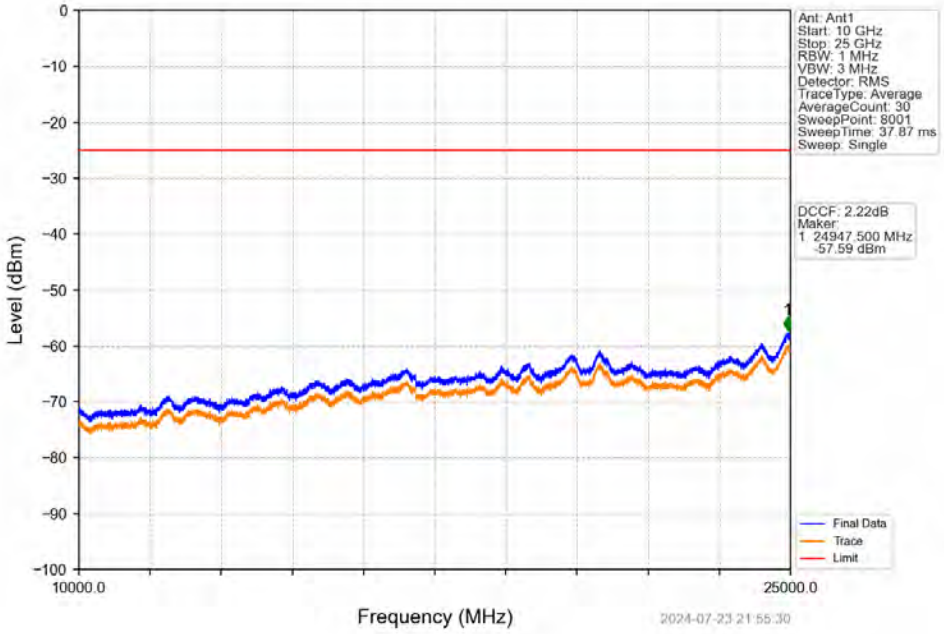


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.280	-30.67	-13	Pass
2495	2496	0.3	/	2	2495.988	-27.63	-13	Pass
2496	2518.5	0.302	/	/	/	/	/	/

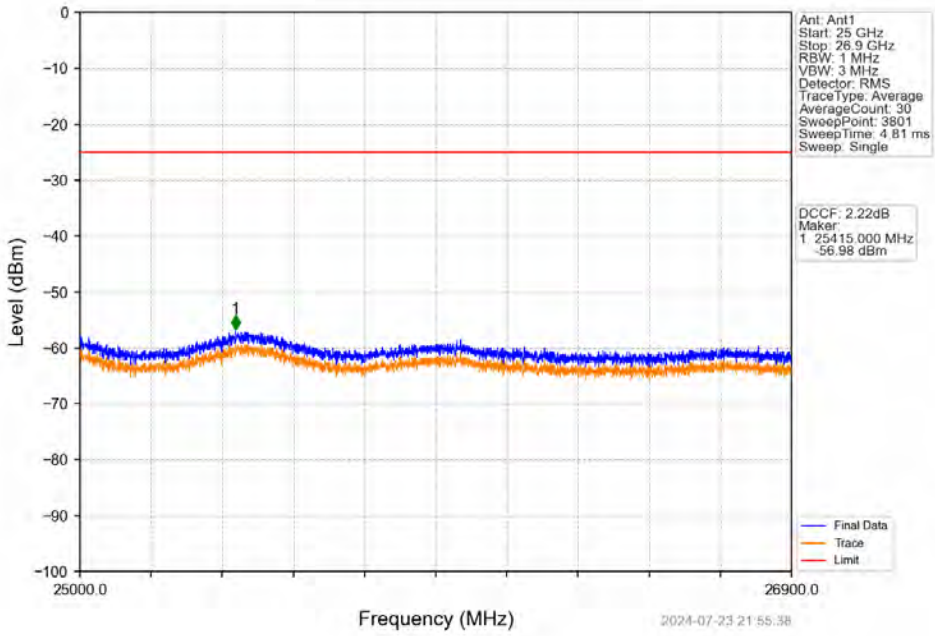
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



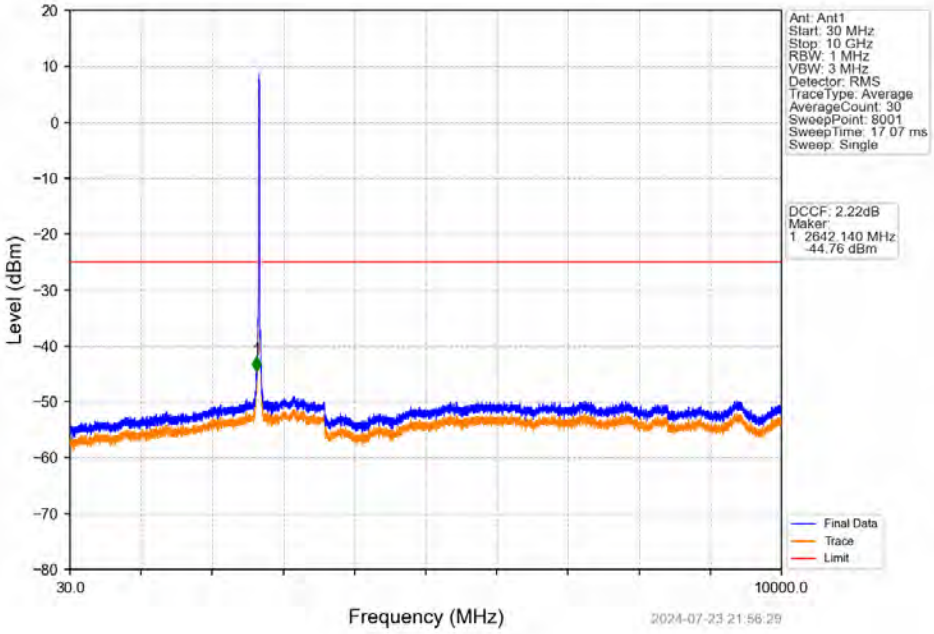
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



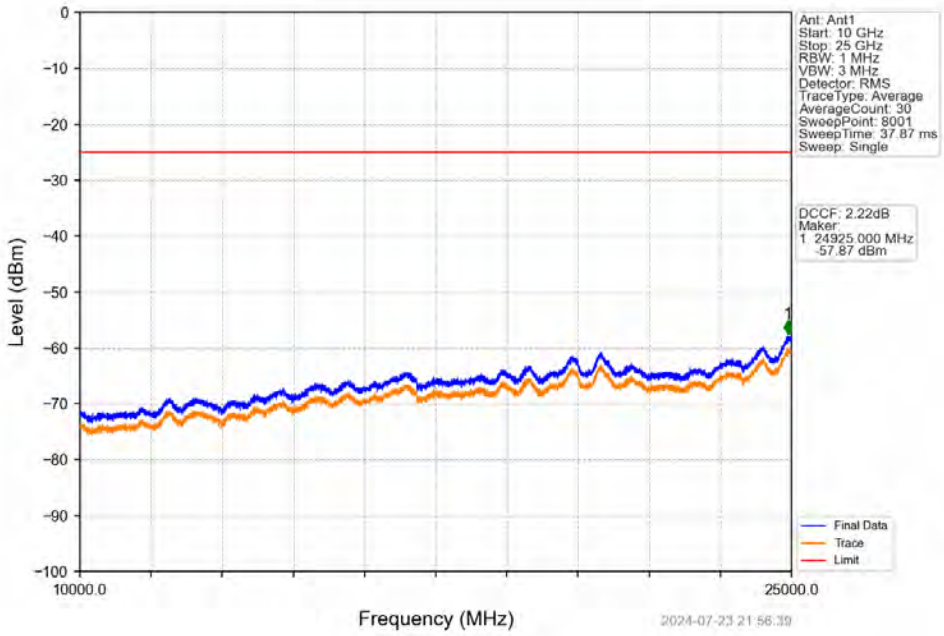
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



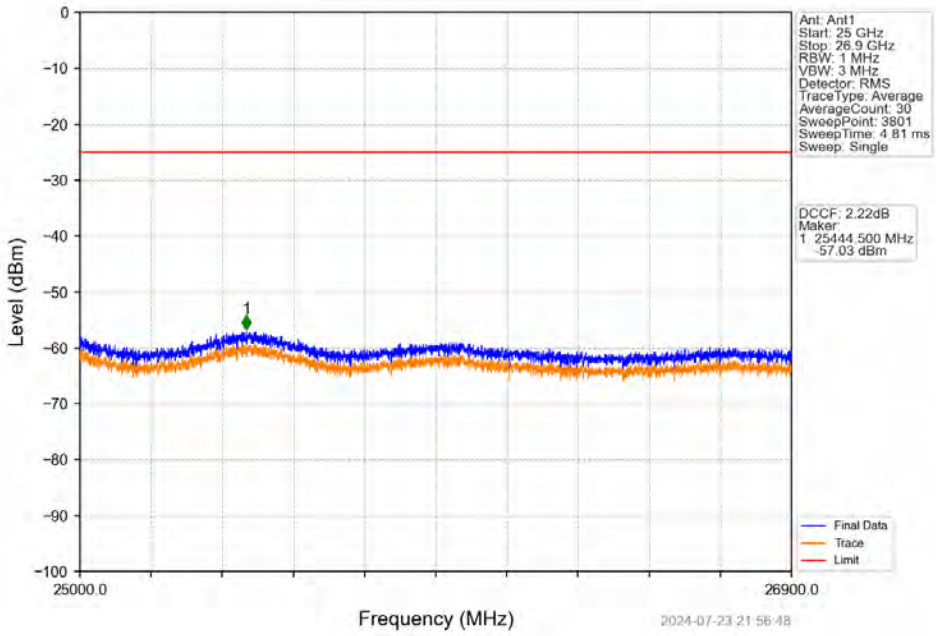
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV



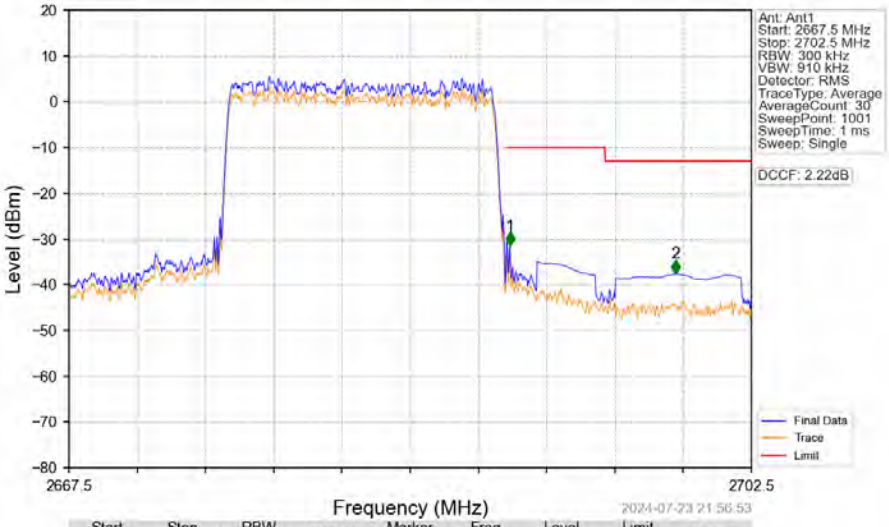
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV

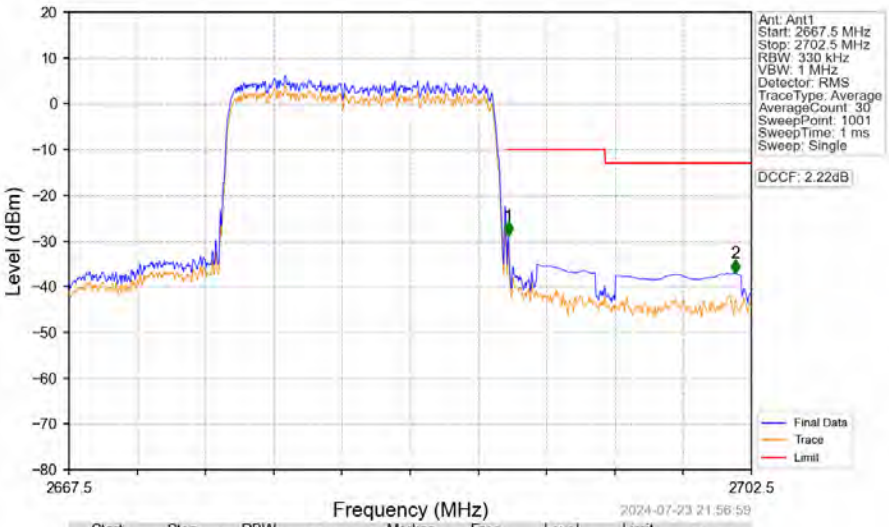


Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.3	/	/	/	/	/	/
2690	2691	0.3	/	1	2690.110	-31.47	-10	Pass
2691	2702.5	1	CHP	2	2698.615	-37.61	-13	Pass

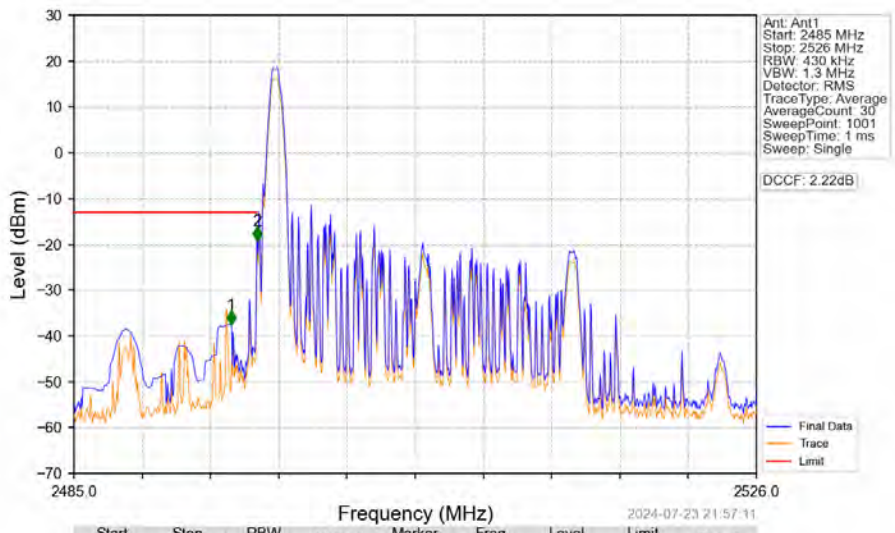
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.33	/	/	/	/	/	/
2690	2691	0.33	/	1	2690.040	-28.82	-10	Pass
2691	2702.5	1	CHP	2	2701.660	-37.07	-13	Pass

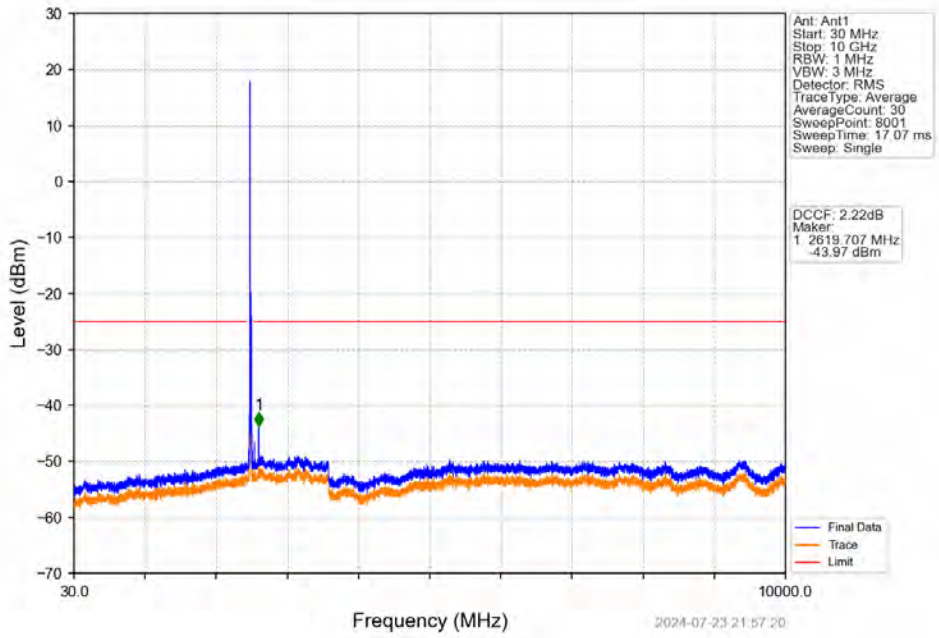
6.2.4 B41_20MHz

Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

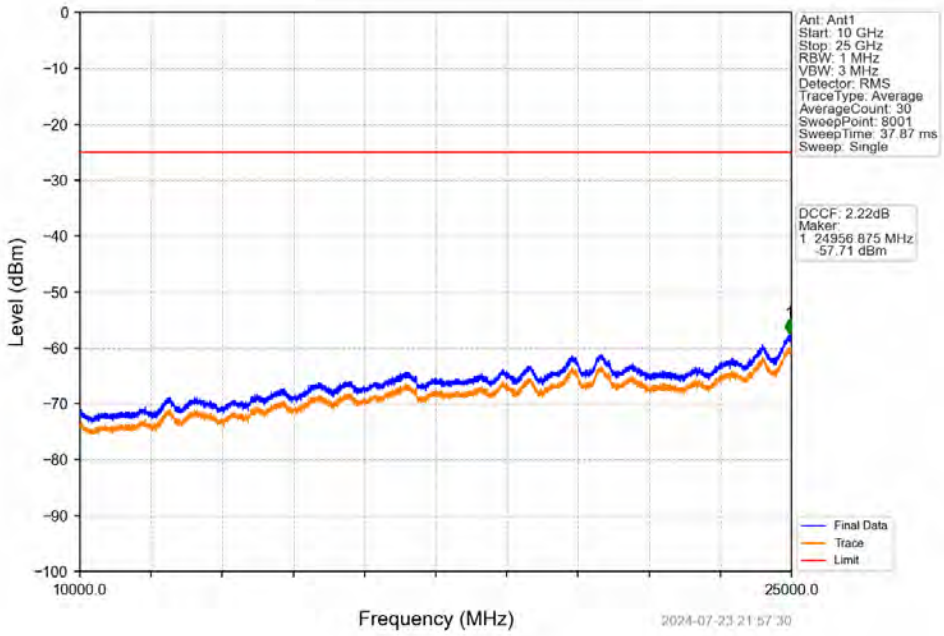


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.430	-37.53	-13	Pass
2495	2496	0.43	/	2	2495.988	-19.27	-13	Pass
2496	2526	0.43	/	/	/	/	/	/

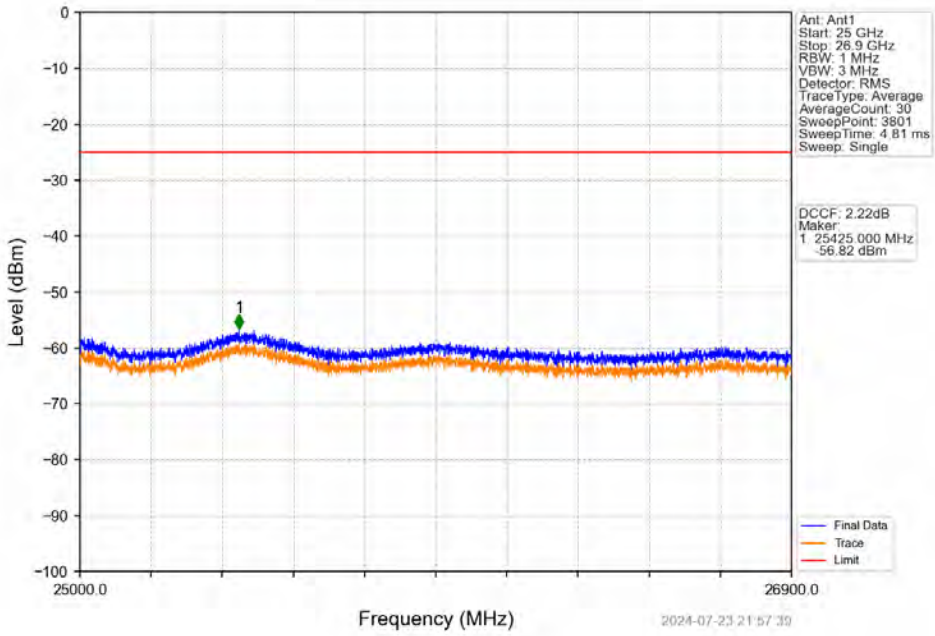
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



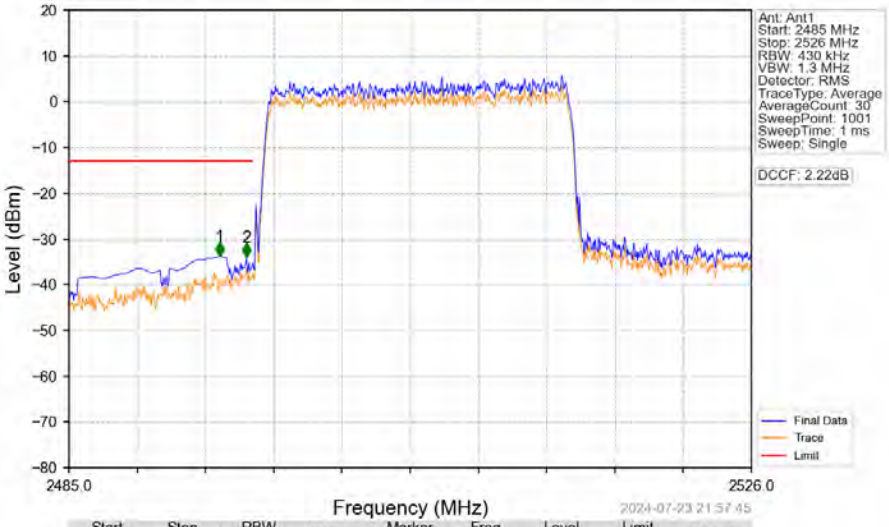
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

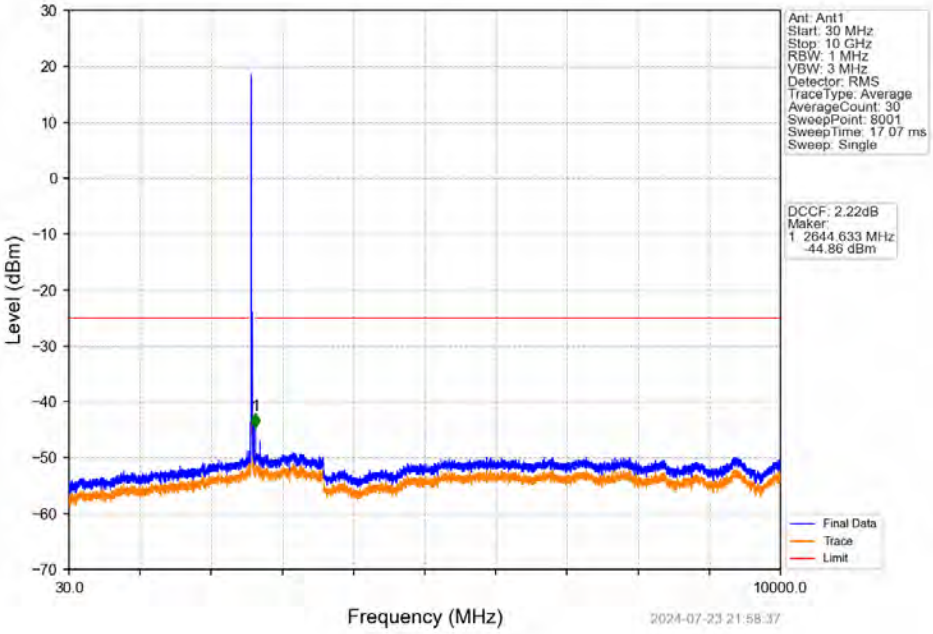


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

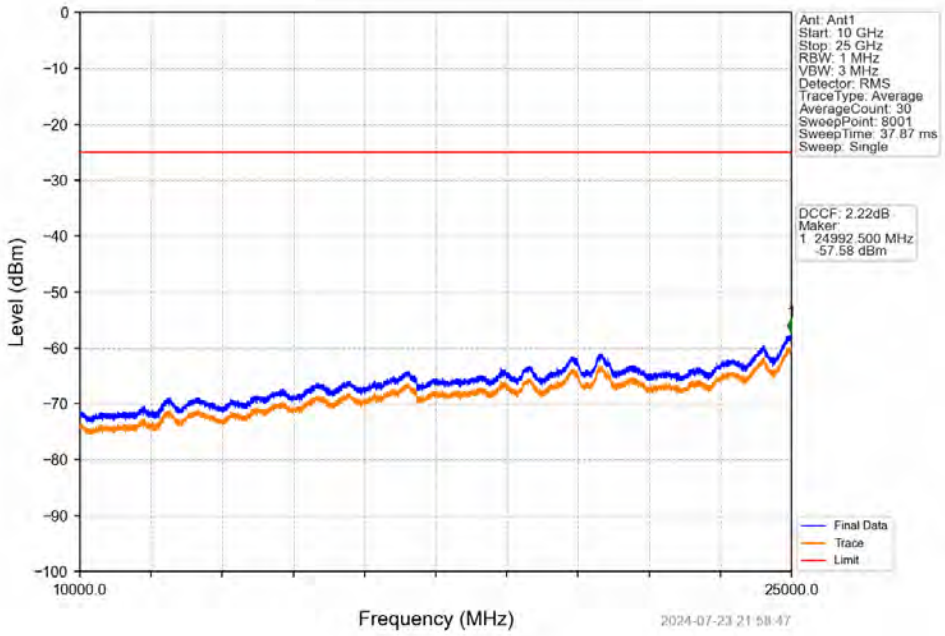


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.061	-33.74	-13	Pass
2495	2496	0.43	/	2	2495.660	-34.04	-13	Pass
2496	2526	0.43	/	/	/	/	/	/

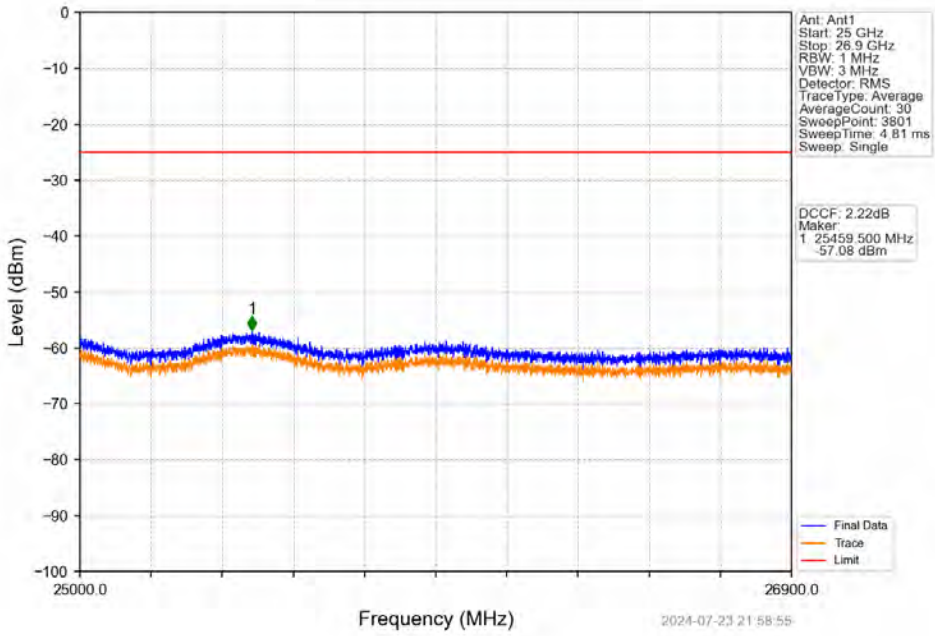
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



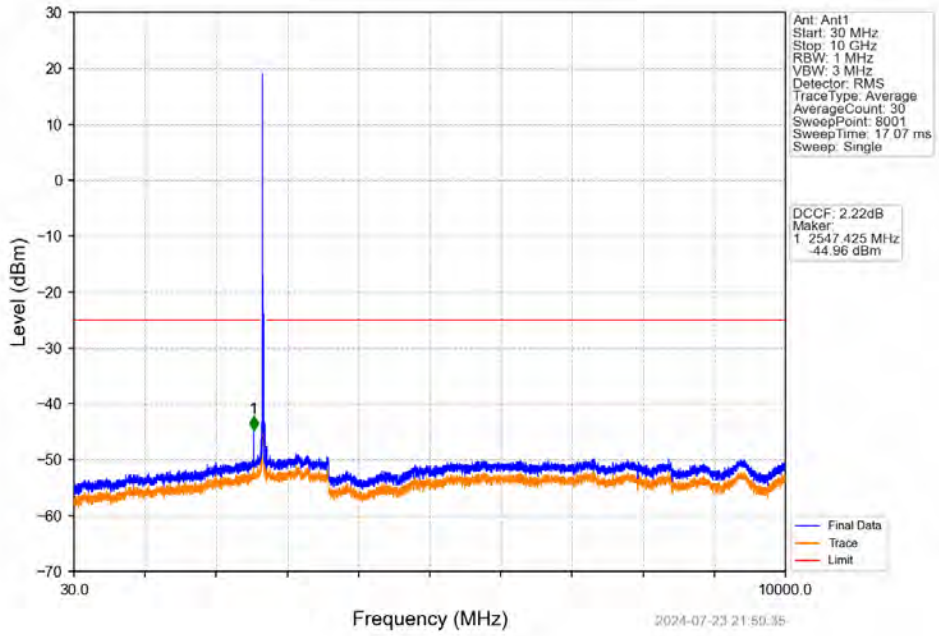
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



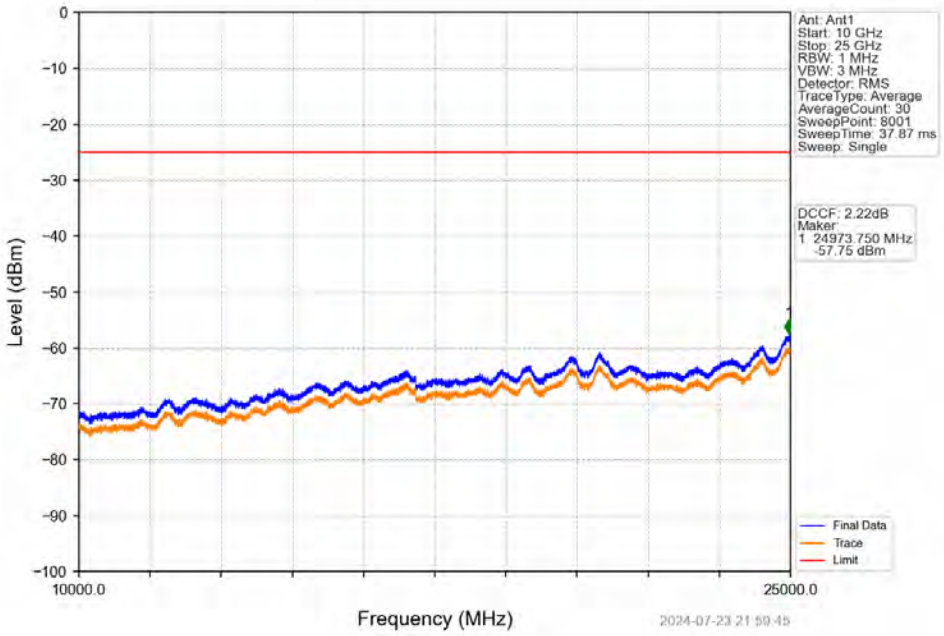
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



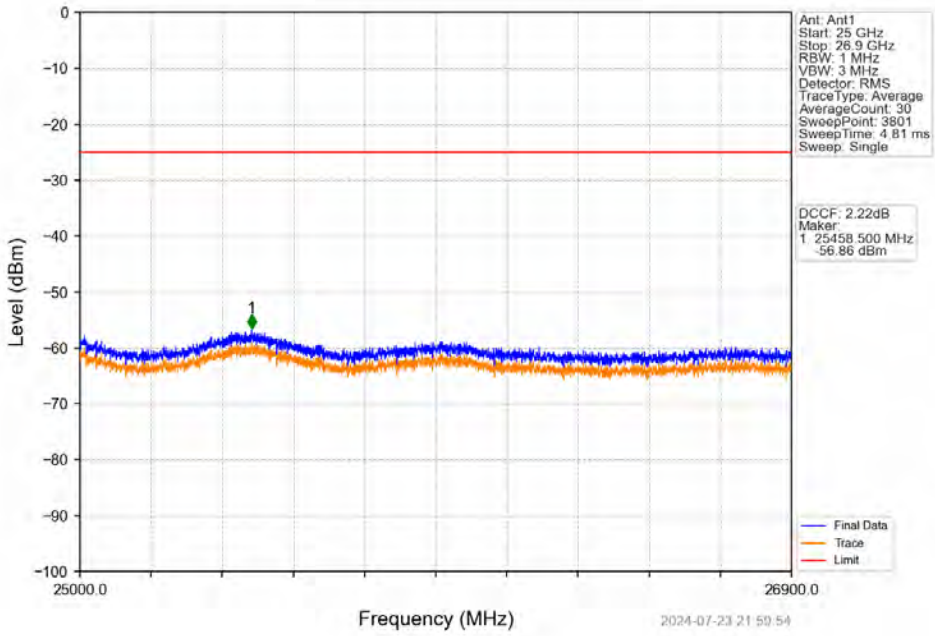
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



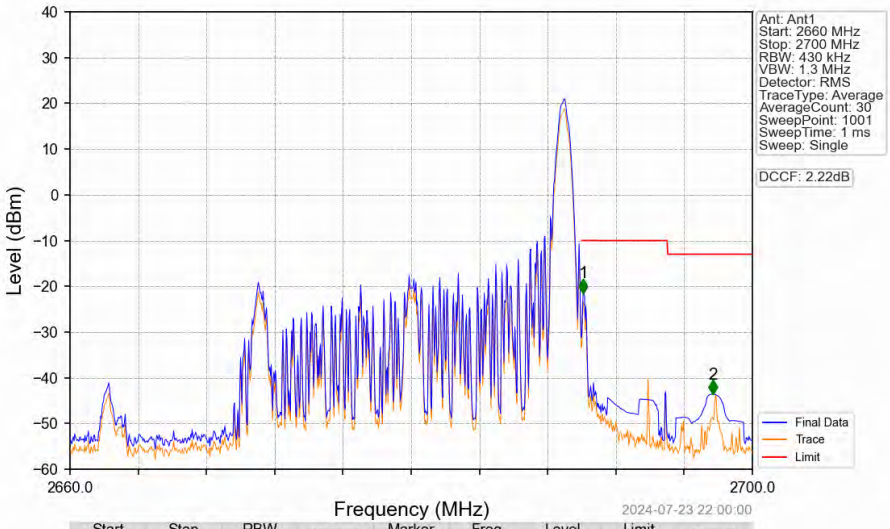
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV

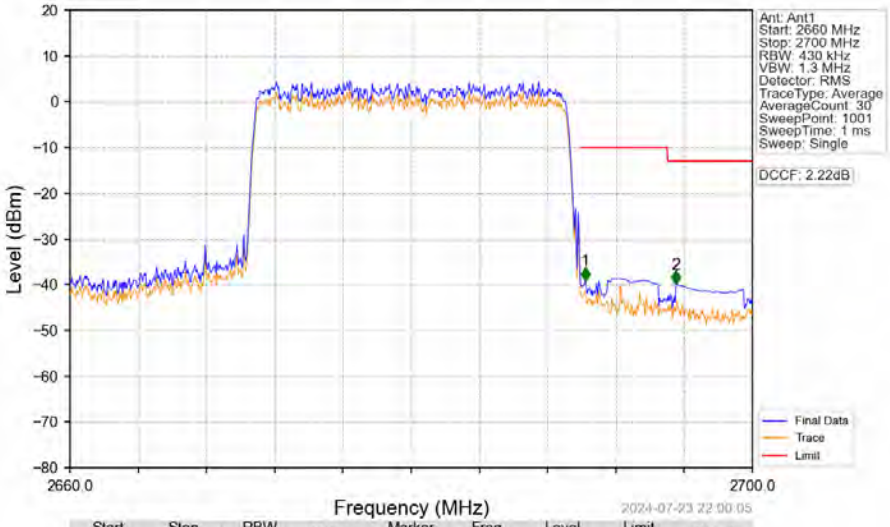


Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



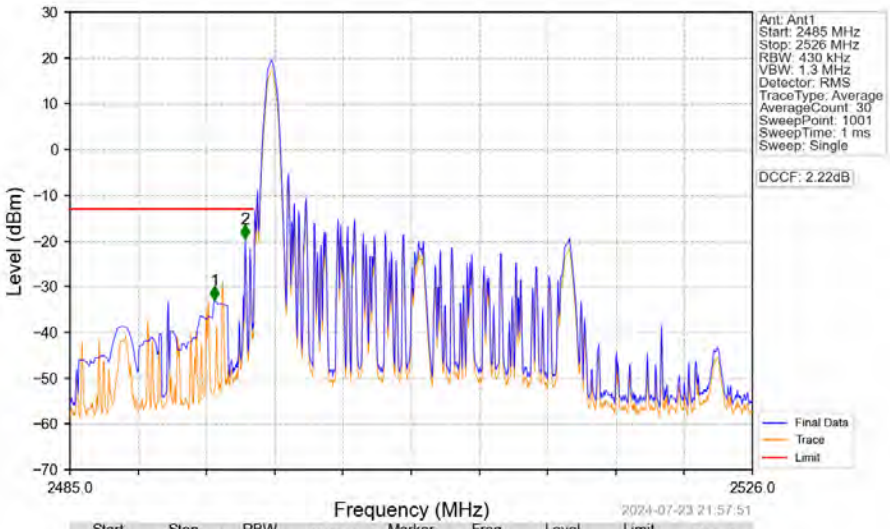
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	/	/	/	/	/	/
2690	2691	0.43	/	1	2690.080	-21.46	-10	Pass
2691	2700	1	CHP	2	2697.680	-43.55	-13	Pass

Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



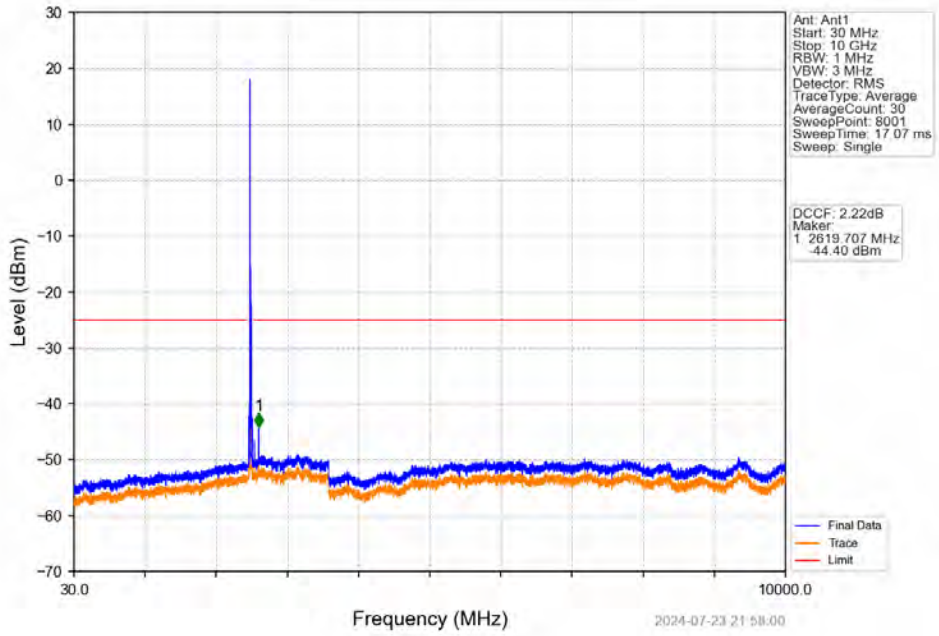
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	/	/	/	/	/	/
2690	2691	0.43	/	1	2690.200	-39.20	-10	Pass
2691	2700	1	CHP	2	2695.520	-40.03	-13	Pass

Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV

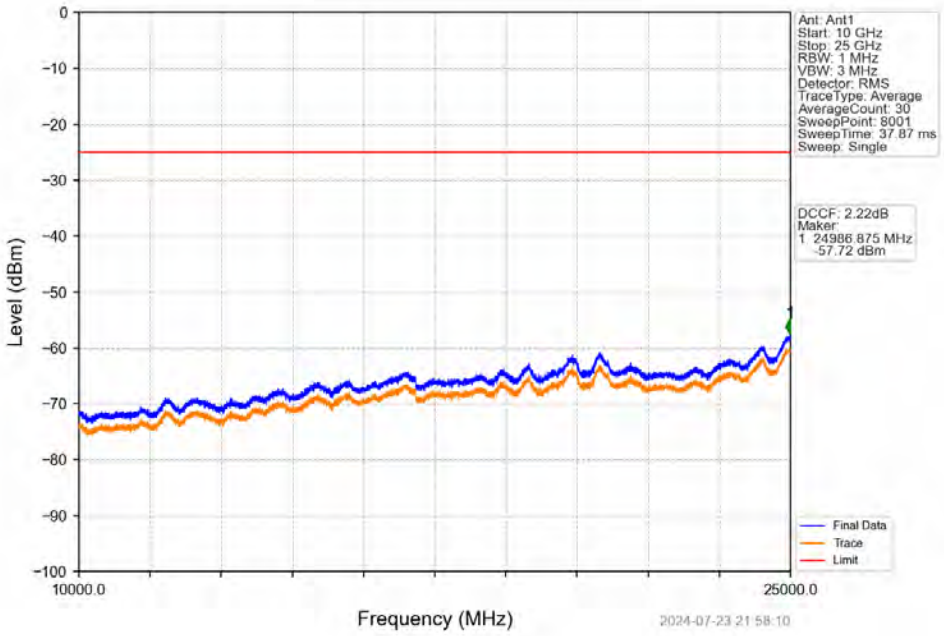


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2493.692	-32.92	-13	Pass
2495	2496	0.43	/	2	2495.537	-19.61	-13	Pass
2496	2526	0.43	/	/	/	/	/	/

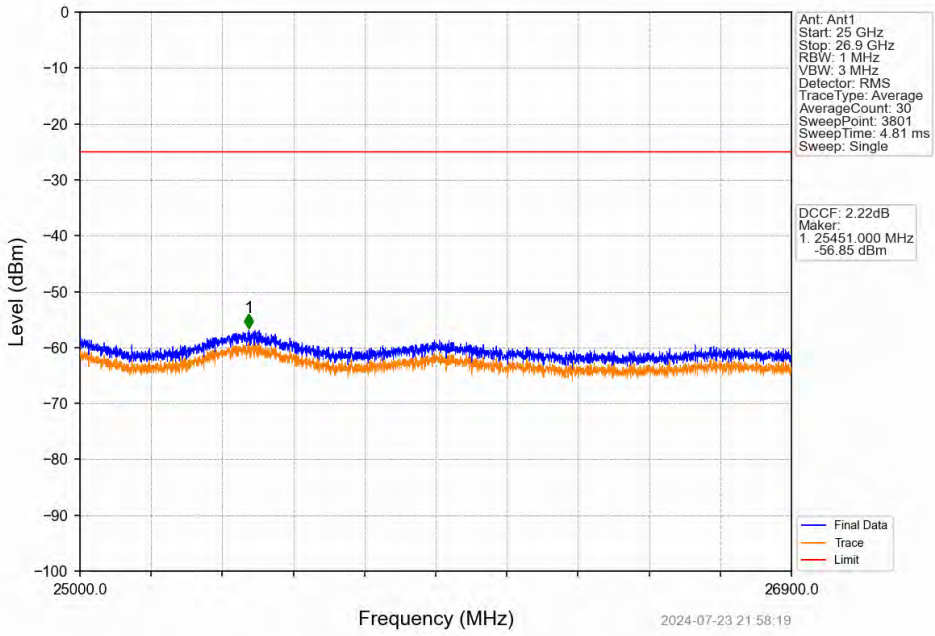
Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV



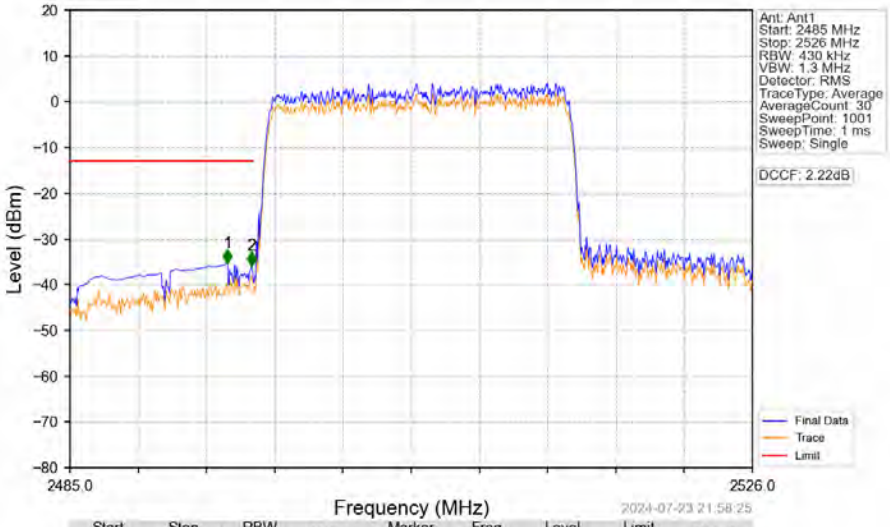
Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV

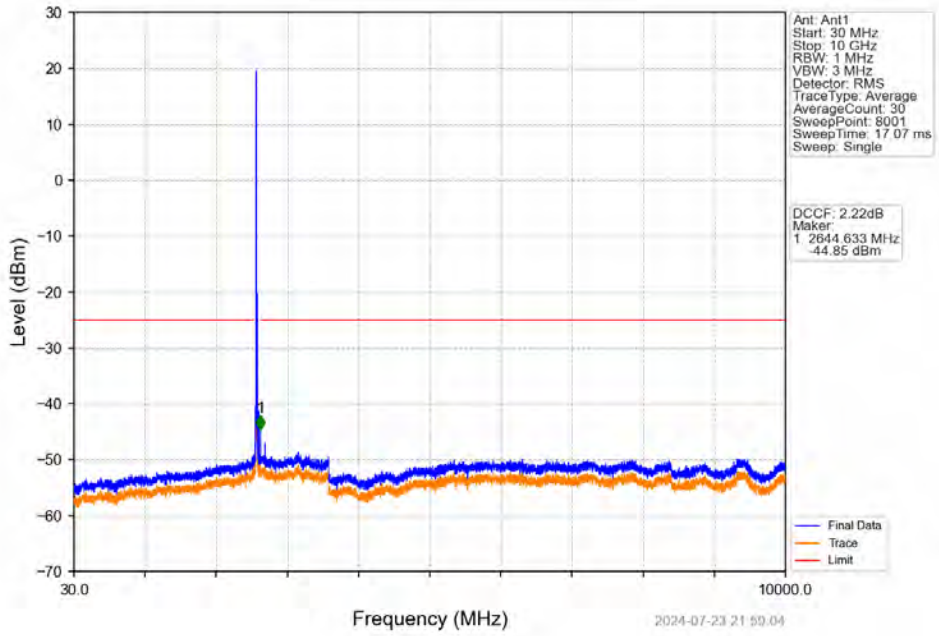


Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV

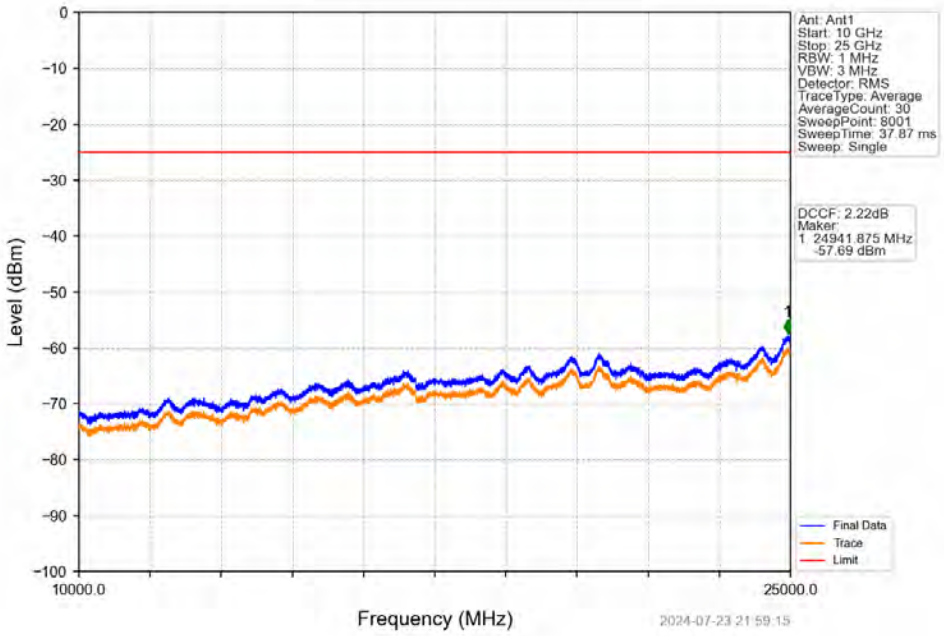


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.471	-35.31	-13	Pass
2495	2496	0.43	/	2	2495.906	-35.85	-13	Pass
2496	2526	0.43	/	/	/	/	/	/

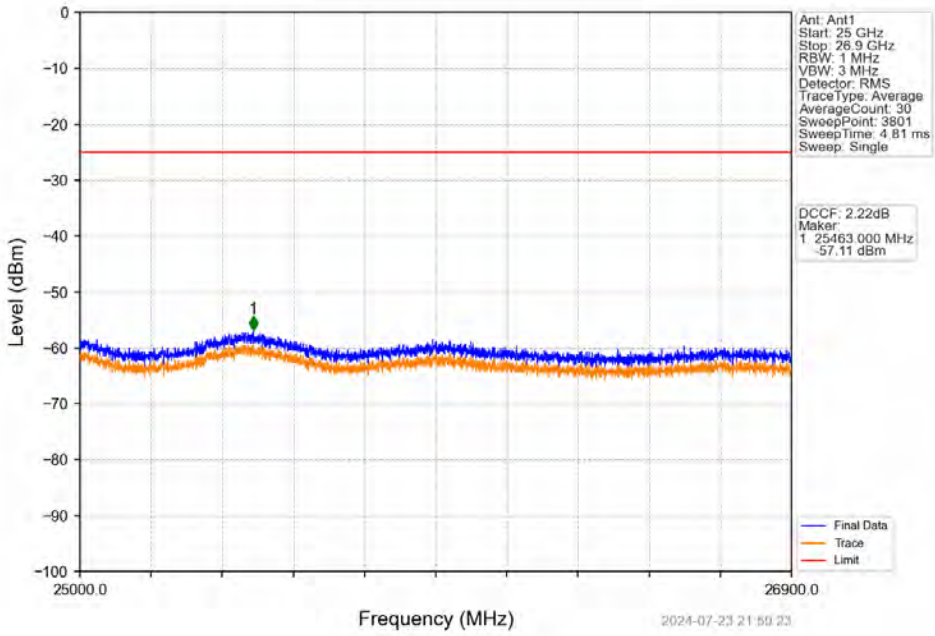
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



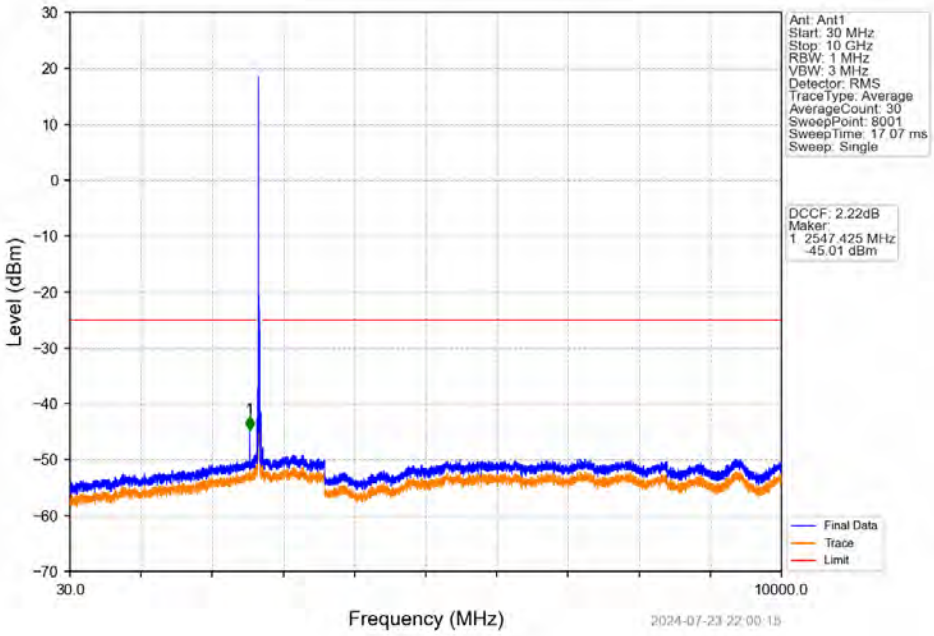
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



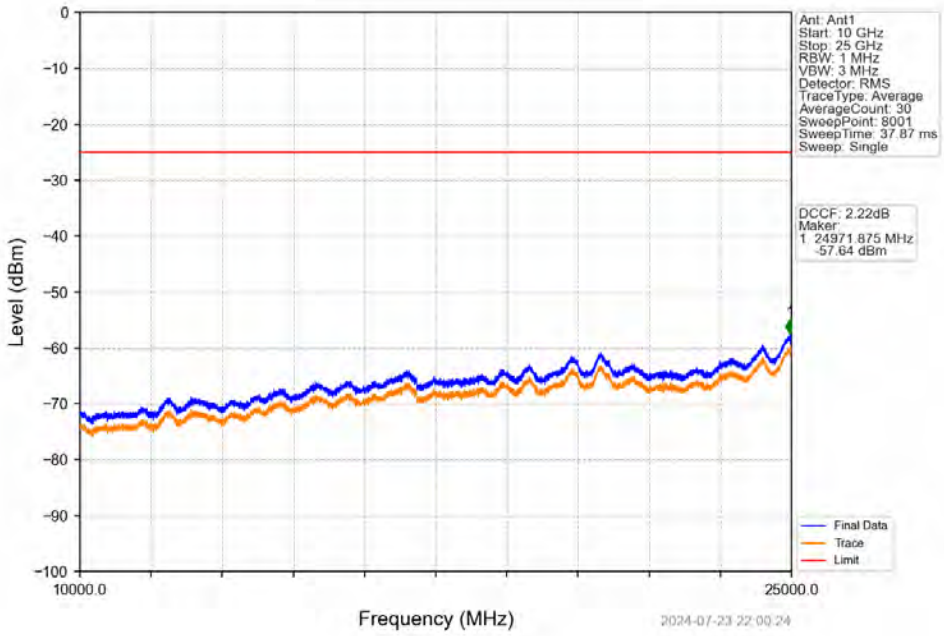
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



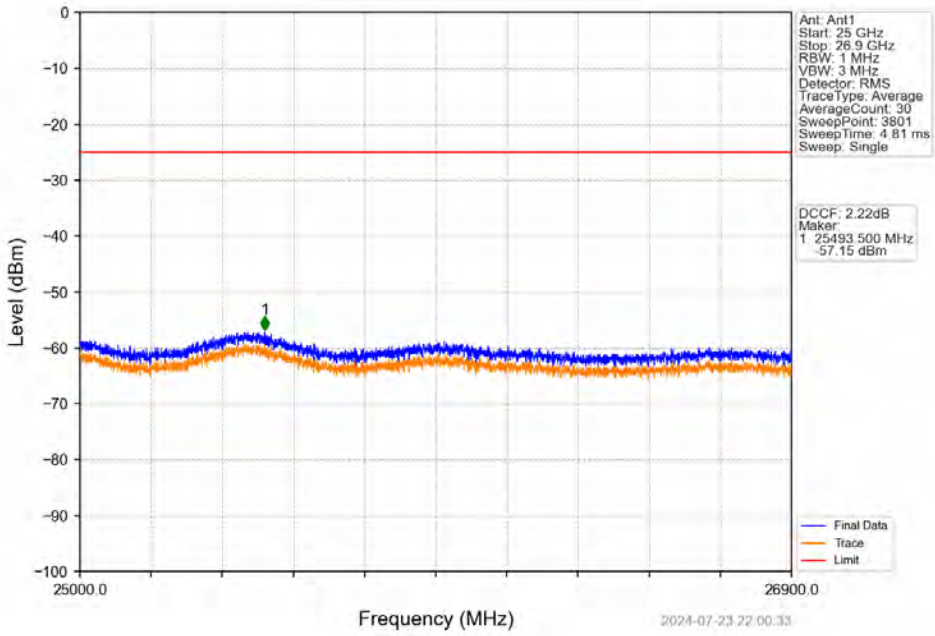
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



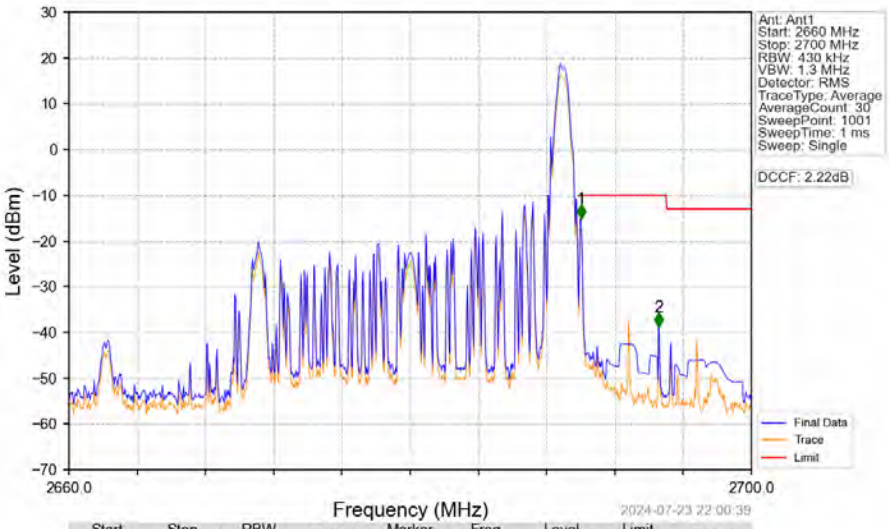
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV

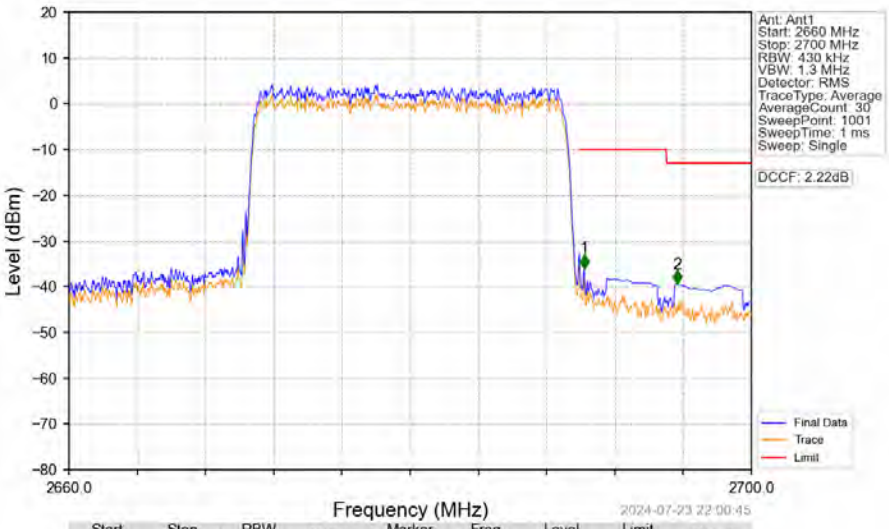


Band41_20MHz_16QAM_HCH_2680MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	/	/	/	/	/	/
2690	2691	0.43	/	1	2690.000	-15.10	-10	Pass
2691	2700	1	CHP	2	2694.560	-38.81	-10	Pass

Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	/	/	/	/	/	/
2690	2691	0.43	/	1	2690.200	-36.00	-10	Pass
2691	2700	1	CHP	2	2695.640	-39.51	-13	Pass

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	0.1012	0.0151	ppm	4M55G7D	27M	20.05
41	5	2498.5	2687.5	0.1081	0.0127	ppm	4M59W7D	27M	20.34
41	10	2501	2685	0.1007	0.0163	ppm	9M08G7D	27M	20.03
41	10	2501	2685	0.1153	0.0173	ppm	9M12W7D	27M	20.62
41	15	2503.5	2682.5	0.1023	0.0191	ppm	13M6G7D	27M	20.10
41	15	2503.5	2682.5	0.1161	0.0198	ppm	13M6W7D	27M	20.65
41	20	2506	2680	0.1012	0.0187	ppm	18M2G7D	27M	20.05
41	20	2506	2680	0.1076	0.0210	ppm	18M1W7D	27M	20.32

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	0.1514	0.0151	ppm	4M55G7D	27M	21.80
41	5	2498.5	2687.5	0.1618	0.0127	ppm	4M59W7D	27M	22.09
41	10	2501	2685	0.1507	0.0163	ppm	9M08G7D	27M	21.78
41	10	2501	2685	0.1726	0.0173	ppm	9M12W7D	27M	22.37
41	15	2503.5	2682.5	0.1531	0.0191	ppm	13M6G7D	27M	21.85
41	15	2503.5	2682.5	0.1738	0.0198	ppm	13M6W7D	27M	22.40
41	20	2506	2680	0.1514	0.0187	ppm	18M2G7D	27M	21.80
41	20	2506	2680	0.1611	0.0210	ppm	18M1W7D	27M	22.07