

1. Effective (Isotropic) Radiated Power Output Data

1.1 B41_5MHz_EIRP

1.1.1 Test Result

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	19.03	0.16	19.19	<=33.01	Pass
			13	19.07	0.16	19.23	<=33.01	Pass
			24	18.54	0.16	18.70	<=33.01	Pass
		12	0	18.14	0.16	18.30	<=33.01	Pass
			6	17.87	0.16	18.03	<=33.01	Pass
			13	17.74	0.16	17.90	<=33.01	Pass
		25	0	17.81	0.16	17.97	<=33.01	Pass
	2593	1	0	17.99	0.16	18.15	<=33.01	Pass
			13	18.18	0.16	18.34	<=33.01	Pass
			24	18.02	0.16	18.18	<=33.01	Pass
		12	0	17.29	0.16	17.45	<=33.01	Pass
			6	17.37	0.16	17.53	<=33.01	Pass
			13	17.34	0.16	17.50	<=33.01	Pass
		25	0	17.37	0.16	17.53	<=33.01	Pass
	2687.5	1	0	19.90	0.16	20.06	<=33.01	Pass
			13	20.08	0.16	20.24	<=33.01	Pass
			24	20.23	0.16	20.39	<=33.01	Pass
		12	0	19.31	0.16	19.47	<=33.01	Pass
			6	19.01	0.16	19.17	<=33.01	Pass
			13	19.37	0.16	19.53	<=33.01	Pass
		25	0	19.06	0.16	19.22	<=33.01	Pass
16QAM	2498.5	1	0	18.12	0.16	18.28	<=33.01	Pass
			13	18.20	0.16	18.36	<=33.01	Pass
			24	17.99	0.16	18.15	<=33.01	Pass
		12	0	17.07	0.16	17.23	<=33.01	Pass
			6	16.83	0.16	16.99	<=33.01	Pass
			13	17.02	0.16	17.18	<=33.01	Pass
		25	0	16.80	0.16	16.96	<=33.01	Pass
	2593	1	0	17.01	0.16	17.17	<=33.01	Pass
			13	17.25	0.16	17.41	<=33.01	Pass
			24	17.07	0.16	17.23	<=33.01	Pass
		12	0	16.38	0.16	16.54	<=33.01	Pass
			6	16.12	0.16	16.28	<=33.01	Pass
			13	16.08	0.16	16.24	<=33.01	Pass
	25	0	16.30	0.16	16.46	<=33.01	Pass	
	2687.5	1	0	19.03	0.16	19.19	<=33.01	Pass
			13	19.21	0.16	19.37	<=33.01	Pass
			24	19.05	0.16	19.21	<=33.01	Pass
		12	0	17.93	0.16	18.09	<=33.01	Pass
6			17.98	0.16	18.14	<=33.01	Pass	
13			18.31	0.16	18.47	<=33.01	Pass	
25		0	17.98	0.16	18.14	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B41_10MHz_EIRP

1.2.1 Test Result

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	19.12	0.16	19.28	<=33.01	Pass
			25	19.24	0.16	19.40	<=33.01	Pass
			49	18.88	0.16	19.04	<=33.01	Pass
		25	0	18.10	0.16	18.26	<=33.01	Pass
			13	18.09	0.16	18.25	<=33.01	Pass
			25	17.74	0.16	17.90	<=33.01	Pass
		50	0	17.74	0.16	17.90	<=33.01	Pass
	2593	1	0	18.08	0.16	18.24	<=33.01	Pass
			25	18.27	0.16	18.43	<=33.01	Pass
			49	18.03	0.16	18.19	<=33.01	Pass
		25	0	17.10	0.16	17.26	<=33.01	Pass
			13	17.14	0.16	17.30	<=33.01	Pass
			25	17.36	0.16	17.52	<=33.01	Pass
		50	0	17.13	0.16	17.29	<=33.01	Pass
	2685	1	0	19.87	0.16	20.03	<=33.01	Pass
			25	20.60	0.16	20.76	<=33.01	Pass
			49	19.96	0.16	20.12	<=33.01	Pass
		25	0	19.06	0.16	19.22	<=33.01	Pass
			13	19.05	0.16	19.21	<=33.01	Pass
			25	19.39	0.16	19.55	<=33.01	Pass
		50	0	19.04	0.16	19.20	<=33.01	Pass
16QAM	2501	1	0	17.90	0.16	18.06	<=33.01	Pass
			25	17.97	0.16	18.13	<=33.01	Pass
			49	17.45	0.16	17.61	<=33.01	Pass
		25	0	16.74	0.16	16.90	<=33.01	Pass
			13	16.73	0.16	16.89	<=33.01	Pass
			25	16.98	0.16	17.14	<=33.01	Pass
		50	0	17.00	0.16	17.16	<=33.01	Pass
	2593	1	0	17.07	0.16	17.23	<=33.01	Pass
			25	17.34	0.16	17.50	<=33.01	Pass
			49	17.26	0.16	17.42	<=33.01	Pass
		25	0	16.40	0.16	16.56	<=33.01	Pass
			13	16.15	0.16	16.31	<=33.01	Pass
			25	16.11	0.16	16.27	<=33.01	Pass
		50	0	16.10	0.16	16.26	<=33.01	Pass
	2685	1	0	18.92	0.16	19.08	<=33.01	Pass
			25	19.39	0.16	19.55	<=33.01	Pass
			49	19.20	0.16	19.36	<=33.01	Pass
		25	0	18.33	0.16	18.49	<=33.01	Pass
			13	18.32	0.16	18.48	<=33.01	Pass
			25	18.33	0.16	18.49	<=33.01	Pass
		50	0	18.37	0.16	18.53	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B41_15MHz_EIRP

1.3.1 Test Result

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	18.60	0.16	18.76	<=33.01	Pass
			38	18.94	0.16	19.10	<=33.01	Pass
			74	18.39	0.16	18.55	<=33.01	Pass

		36	0	18.00	0.16	18.16	<=33.01	Pass		
			18	17.94	0.16	18.10	<=33.01	Pass		
			39	17.61	0.16	17.77	<=33.01	Pass		
		2593	75	0	18.00	0.16	18.16	<=33.01	Pass	
				1	0	17.98	0.16	18.14	<=33.01	Pass
					38	18.42	0.16	18.58	<=33.01	Pass
			74		18.00	0.16	18.16	<=33.01	Pass	
			36	0	17.29	0.16	17.45	<=33.01	Pass	
				18	17.09	0.16	17.25	<=33.01	Pass	
	39			17.35	0.16	17.51	<=33.01	Pass		
	75		0	17.37	0.16	17.53	<=33.01	Pass		
	2682.5	1	0	20.13	0.16	20.29	<=33.01	Pass		
			38	20.32	0.16	20.48	<=33.01	Pass		
			74	20.21	0.16	20.37	<=33.01	Pass		
		36	0	19.30	0.16	19.46	<=33.01	Pass		
			18	18.97	0.16	19.13	<=33.01	Pass		
			39	19.34	0.16	19.50	<=33.01	Pass		
		75	0	18.99	0.16	19.15	<=33.01	Pass		
	16QAM	2503.5	1	0	17.79	0.16	17.95	<=33.01	Pass	
				38	17.56	0.16	17.72	<=33.01	Pass	
				74	17.67	0.16	17.83	<=33.01	Pass	
36			0	16.97	0.16	17.13	<=33.01	Pass		
			18	17.00	0.16	17.16	<=33.01	Pass		
			39	16.85	0.16	17.01	<=33.01	Pass		
75			0	16.94	0.16	17.10	<=33.01	Pass		
2593			1	0	16.85	0.16	17.01	<=33.01	Pass	
				38	17.01	0.16	17.17	<=33.01	Pass	
		74		17.01	0.16	17.17	<=33.01	Pass		
		36	0	16.32	0.16	16.48	<=33.01	Pass		
			18	16.09	0.16	16.25	<=33.01	Pass		
			39	16.10	0.16	16.26	<=33.01	Pass		
75		0	16.31	0.16	16.47	<=33.01	Pass			
2682.5		1	0	18.89	0.16	19.05	<=33.01	Pass		
			38	19.32	0.16	19.48	<=33.01	Pass		
			74	19.25	0.16	19.41	<=33.01	Pass		
		36	0	17.96	0.16	18.12	<=33.01	Pass		
			18	18.30	0.16	18.46	<=33.01	Pass		
			39	18.30	0.16	18.46	<=33.01	Pass		
75		0	18.31	0.16	18.47	<=33.01	Pass			
Note1: EIRP=Conducted Power+Antenna Gain										

1.4 B41_20MHz_EIRP

1.4.1 Test Result

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	18.51	0.16	18.67	<=33.01	Pass
			50	18.74	0.16	18.90	<=33.01	Pass
			99	18.33	0.16	18.49	<=33.01	Pass
		50	0	17.90	0.16	18.06	<=33.01	Pass
			25	17.62	0.16	17.78	<=33.01	Pass
			50	17.80	0.16	17.96	<=33.01	Pass
		100	0	17.88	0.16	18.04	<=33.01	Pass
	2593	1	0	18.04	0.16	18.20	<=33.01	Pass
			50	18.23	0.16	18.39	<=33.01	Pass

16QAM	2680	50	99	17.78	0.16	17.94	<=33.01	Pass
			0	17.05	0.16	17.21	<=33.01	Pass
			25	17.13	0.16	17.29	<=33.01	Pass
			50	17.09	0.16	17.25	<=33.01	Pass
		100	0	17.08	0.16	17.24	<=33.01	Pass
		1	0	19.86	0.16	20.02	<=33.01	Pass
			50	20.34	0.16	20.50	<=33.01	Pass
			99	20.07	0.16	20.23	<=33.01	Pass
			0	19.30	0.16	19.46	<=33.01	Pass
		50	25	19.30	0.16	19.46	<=33.01	Pass
			50	19.29	0.16	19.45	<=33.01	Pass
			0	18.95	0.16	19.11	<=33.01	Pass
	2506	1	0	17.90	0.16	18.06	<=33.01	Pass
			50	17.75	0.16	17.91	<=33.01	Pass
			99	17.35	0.16	17.51	<=33.01	Pass
		50	0	16.84	0.16	17.00	<=33.01	Pass
			25	16.61	0.16	16.77	<=33.01	Pass
			50	16.56	0.16	16.72	<=33.01	Pass
		100	0	16.57	0.16	16.73	<=33.01	Pass
		1	0	16.91	0.16	17.07	<=33.01	Pass
			50	17.40	0.16	17.56	<=33.01	Pass
			99	17.16	0.16	17.32	<=33.01	Pass
	2593	50	0	16.09	0.16	16.25	<=33.01	Pass
			25	16.11	0.16	16.27	<=33.01	Pass
			50	16.31	0.16	16.47	<=33.01	Pass
		100	0	16.10	0.16	16.26	<=33.01	Pass
	2680	1	0	18.59	0.16	18.75	<=33.01	Pass
			50	18.79	0.16	18.95	<=33.01	Pass
			99	18.91	0.16	19.07	<=33.01	Pass
		50	0	17.94	0.16	18.10	<=33.01	Pass
			25	17.97	0.16	18.13	<=33.01	Pass
			50	17.94	0.16	18.10	<=33.01	Pass
		100	0	17.94	0.16	18.10	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 B41_5MHz

2.1.1 Test Result

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	-7.467	-0.0030	-2.5 to 2.5	Pass
					3.85	-5.279	-0.0021	-2.5 to 2.5	Pass
					4.43	-10.285	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-2.303	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.901	0.0004	-2.5 to 2.5	Pass
				10	3.85	-9.727	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-12.088	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-9.685	-0.0039	-2.5 to 2.5	Pass
				50	3.85	4.320	0.0017	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	-6.452	-0.0025	-2.5 to 2.5	Pass

					3.85	-12.989	-0.0050	-2.5 to 2.5	Pass
					4.43	-22.616	-0.0087	-2.5 to 2.5	Pass
				-30	3.85	-9.956	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-2.704	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	1.259	0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.774	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-1.931	-0.0007	-2.5 to 2.5	Pass
				30	3.85	9.899	0.0038	-2.5 to 2.5	Pass
				40	3.85	-1.874	-0.0007	-2.5 to 2.5	Pass
				50	3.85	16.794	0.0065	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	-2.046	-0.0008	-2.5 to 2.5	Pass
					3.85	-24.619	-0.0092	-2.5 to 2.5	Pass
					4.43	-11.916	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-9.112	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-12.417	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-13.819	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-13.347	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-19.183	-0.0071	-2.5 to 2.5	Pass
				30	3.85	-4.478	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-18.082	-0.0067	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	3.27	-11.344	-0.0045	-2.5 to 2.5	Pass
					3.85	-8.583	-0.0034	-2.5 to 2.5	Pass
					4.43	-18.497	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-15.535	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-4.778	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-19.655	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-5.364	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-8.140	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-10.643	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-2.789	-0.0011	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	6.952	0.0027	-2.5 to 2.5	Pass
					3.85	8.283	0.0032	-2.5 to 2.5	Pass
					4.43	7.224	0.0028	-2.5 to 2.5	Pass
				-30	3.85	19.298	0.0074	-2.5 to 2.5	Pass
				-20	3.85	12.331	0.0048	-2.5 to 2.5	Pass
				-10	3.85	4.621	0.0018	-2.5 to 2.5	Pass
				0	3.85	20.885	0.0081	-2.5 to 2.5	Pass
				10	3.85	2.460	0.0009	-2.5 to 2.5	Pass
				30	3.85	11.287	0.0044	-2.5 to 2.5	Pass
				40	3.85	18.840	0.0073	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	-13.704	-0.0051	-2.5 to 2.5	Pass
					3.85	-23.031	-0.0086	-2.5 to 2.5	Pass
					4.43	-15.235	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-29.683	-0.0110	-2.5 to 2.5	Pass
				-20	3.85	-13.447	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-5.608	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-14.019	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-29.998	-0.0112	-2.5 to 2.5	Pass
				30	3.85	-24.476	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-17.323	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-15.421	-0.0057	-2.5 to 2.5	Pass

2.2 B41_10MHz

2.2.1 Test Result

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	-8.855	-0.0035	-2.5 to 2.5	Pass
					3.85	-13.204	-0.0053	-2.5 to 2.5	Pass
					4.43	-5.779	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-4.578	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-7.997	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-10.486	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-6.151	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-8.554	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-6.166	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-8.111	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-11.101	-0.0044	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	-7.024	-0.0027	-2.5 to 2.5	Pass
					3.85	-14.119	-0.0054	-2.5 to 2.5	Pass
					4.43	-4.849	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	0.744	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-10.772	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-12.560	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-14.691	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-9.284	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-6.008	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-8.340	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-4.663	-0.0018	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	-14.219	-0.0053	-2.5 to 2.5	Pass
					3.85	-7.482	-0.0028	-2.5 to 2.5	Pass
					4.43	-8.698	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-6.366	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-5.322	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-11.344	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-9.584	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-9.513	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-13.719	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-8.454	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-2.360	-0.0009	-2.5 to 2.5	Pass
16QAM	2501	50	0	20	3.27	-6.094	-0.0024	-2.5 to 2.5	Pass
					3.85	-3.562	-0.0014	-2.5 to 2.5	Pass
					4.43	-9.141	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-12.560	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-12.202	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-9.184	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-5.736	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-9.570	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-5.751	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-13.733	-0.0055	-2.5 to 2.5	Pass
				50	3.85	0.930	0.0004	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	-0.014	0.0000	-2.5 to 2.5	Pass
					3.85	-6.337	-0.0024	-2.5 to 2.5	Pass
					4.43	-13.289	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-11.673	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-14.648	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-0.300	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.629	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-3.719	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-11.015	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-5.522	-0.0021	-2.5 to 2.5	Pass

	2685	50	0	50	3.85	-11.730	-0.0045	-2.5 to 2.5	Pass
				20	3.27	-6.380	-0.0024	-2.5 to 2.5	Pass
					3.85	-2.546	-0.0009	-2.5 to 2.5	Pass
					4.43	-8.340	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-12.589	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-8.969	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-7.038	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-3.061	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-8.168	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-8.454	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-9.785	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-8.283	-0.0031	-2.5 to 2.5	Pass

2.3 B41_15MHz

2.3.1 Test Result

Band: 41 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2503.5	75	0	20	3.27	-9.212	-0.0037	-2.5 to 2.5	Pass
					3.85	-11.916	-0.0048	-2.5 to 2.5	Pass
					4.43	-9.212	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-12.460	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-9.413	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-8.183	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-9.141	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-12.889	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-15.950	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-14.849	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-7.567	-0.0030	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	-3.262	-0.0013	-2.5 to 2.5	Pass
					3.85	0.072	0.0000	-2.5 to 2.5	Pass
					4.43	-1.159	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-2.990	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-0.715	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-8.554	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-7.710	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-4.106	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-5.522	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-1.187	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-3.161	-0.0012	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	-8.340	-0.0031	-2.5 to 2.5	Pass
					3.85	-15.707	-0.0059	-2.5 to 2.5	Pass
					4.43	-6.094	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-4.234	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-9.627	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-6.723	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-6.909	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-8.554	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-8.054	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-4.563	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-5.836	-0.0022	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	20	3.27	-15.678	-0.0063	-2.5 to 2.5	Pass
					3.85	-9.742	-0.0039	-2.5 to 2.5	Pass
					4.43	-20.757	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-9.141	-0.0037	-2.5 to 2.5	Pass

				-20	3.85	-16.279	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-14.076	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-6.652	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-10.943	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-8.812	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-7.753	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-13.461	-0.0054	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	-2.604	-0.0010	-2.5 to 2.5	Pass
					3.85	-3.920	-0.0015	-2.5 to 2.5	Pass
					4.43	-0.272	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-10.500	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-8.855	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-1.116	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.230	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-11.787	-0.0045	-2.5 to 2.5	Pass
				30	3.85	1.588	0.0006	-2.5 to 2.5	Pass
				40	3.85	-12.445	-0.0048	-2.5 to 2.5	Pass
				50	3.85	1.888	0.0007	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	-9.799	-0.0037	-2.5 to 2.5	Pass
					3.85	-11.430	-0.0043	-2.5 to 2.5	Pass
					4.43	-2.131	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-10.858	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-14.248	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-9.713	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-11.716	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-7.210	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-8.612	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-3.905	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-8.926	-0.0033	-2.5 to 2.5	Pass

2.4 B41_20MHz

2.4.1 Test Result

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	-5.708	-0.0023	-2.5 to 2.5	Pass
					3.85	-7.253	-0.0029	-2.5 to 2.5	Pass
					4.43	-18.783	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-4.306	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-9.356	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-8.183	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-6.924	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-6.795	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-12.059	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-15.349	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-12.660	-0.0051	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	-9.141	-0.0035	-2.5 to 2.5	Pass
					3.85	-10.300	-0.0040	-2.5 to 2.5	Pass
					4.43	-3.076	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-9.427	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-9.255	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-3.462	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-11.730	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-12.932	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-7.238	-0.0028	-2.5 to 2.5	Pass

	2680	100	0	40	3.85	-6.838	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-9.899	-0.0038	-2.5 to 2.5	Pass
				20	3.27	-5.064	-0.0019	-2.5 to 2.5	Pass
					3.85	-12.231	-0.0046	-2.5 to 2.5	Pass
					4.43	-4.148	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-11.187	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-9.770	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-9.570	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-13.590	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-8.254	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-3.262	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-8.984	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-8.540	-0.0032	-2.5 to 2.5	Pass
16QAM	2506	100	0	20	3.27	-1.974	-0.0008	-2.5 to 2.5	Pass
					3.85	-14.505	-0.0058	-2.5 to 2.5	Pass
					4.43	-9.813	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-8.726	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-14.405	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-11.330	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-11.458	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-12.689	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-5.937	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-8.340	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-10.986	-0.0044	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	-3.691	-0.0014	-2.5 to 2.5	Pass
					3.85	-6.781	-0.0026	-2.5 to 2.5	Pass
					4.43	-9.327	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-6.251	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-7.210	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-11.215	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-9.184	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-12.188	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-7.882	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-11.344	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-11.630	-0.0045	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	-9.885	-0.0037	-2.5 to 2.5	Pass
					3.85	-9.856	-0.0037	-2.5 to 2.5	Pass
					4.43	-6.208	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-11.001	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-15.149	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-6.237	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-12.717	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-7.839	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-11.716	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-11.044	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-11.187	-0.0042	-2.5 to 2.5	Pass

3. Modulation Characteristics

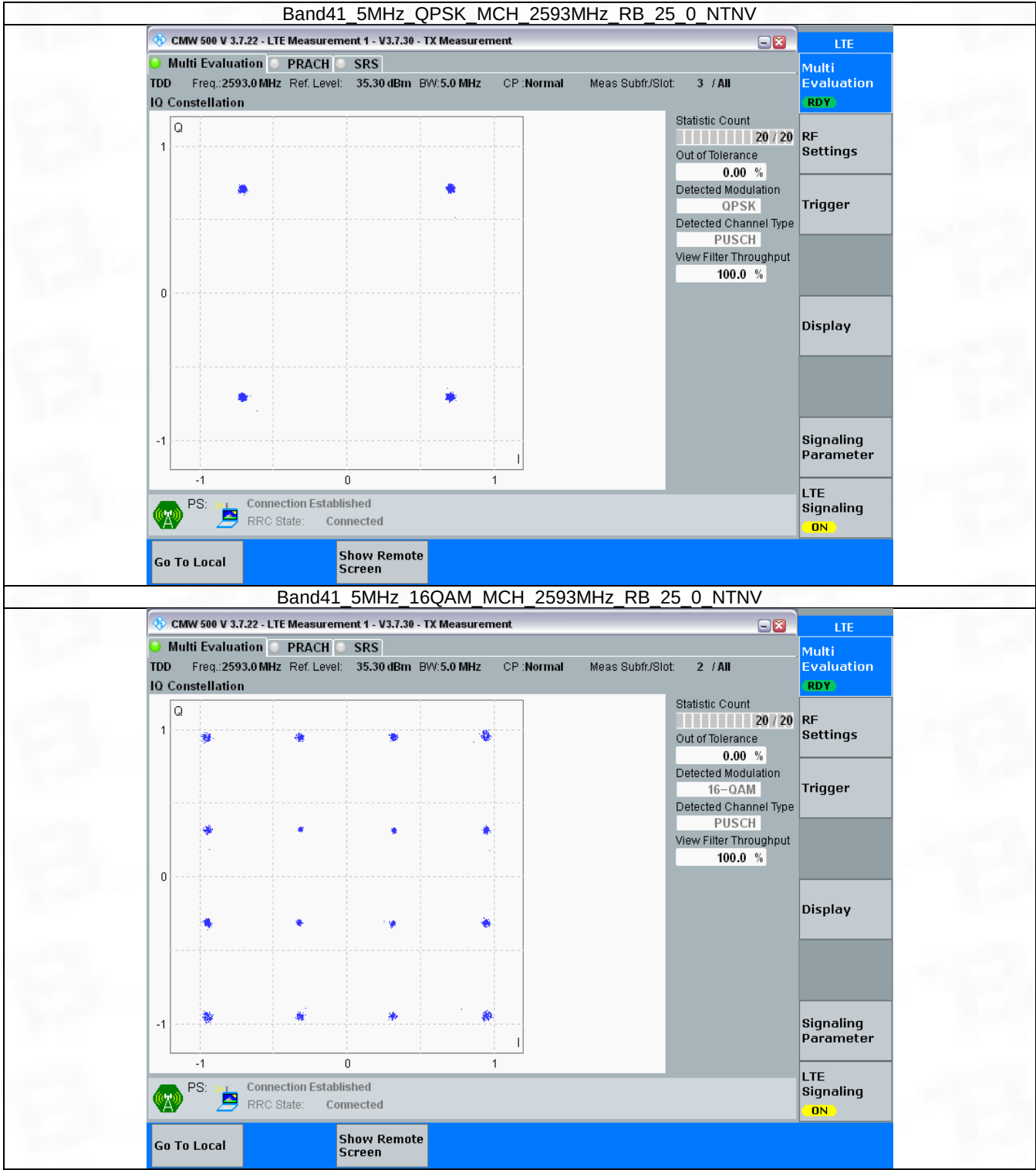
3.1 B41_5MHz

3.1.1 Test Result

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 Test Graph

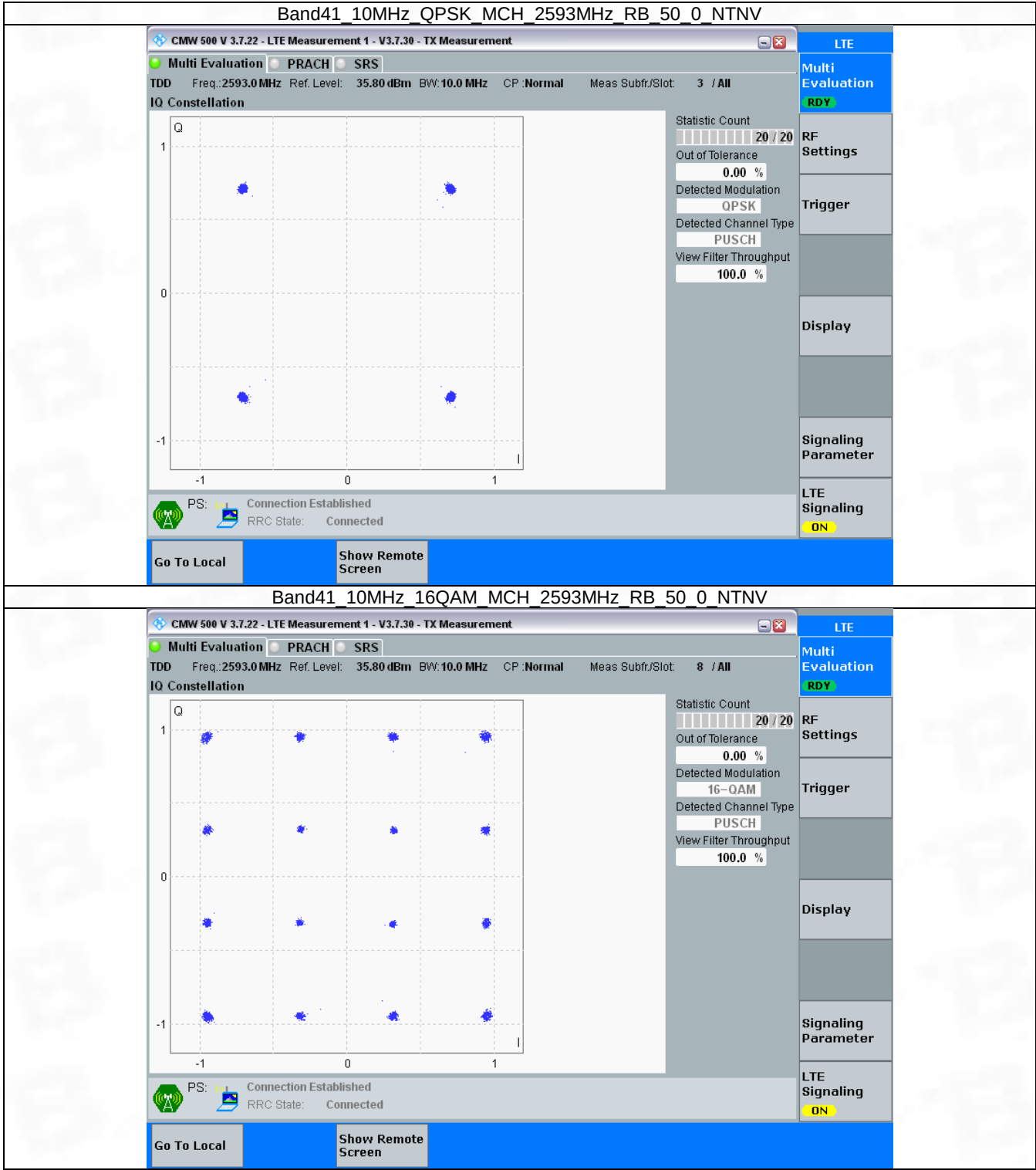


3.2 B41_10MHz

3.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTV						
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

3.2.2 Test Graph

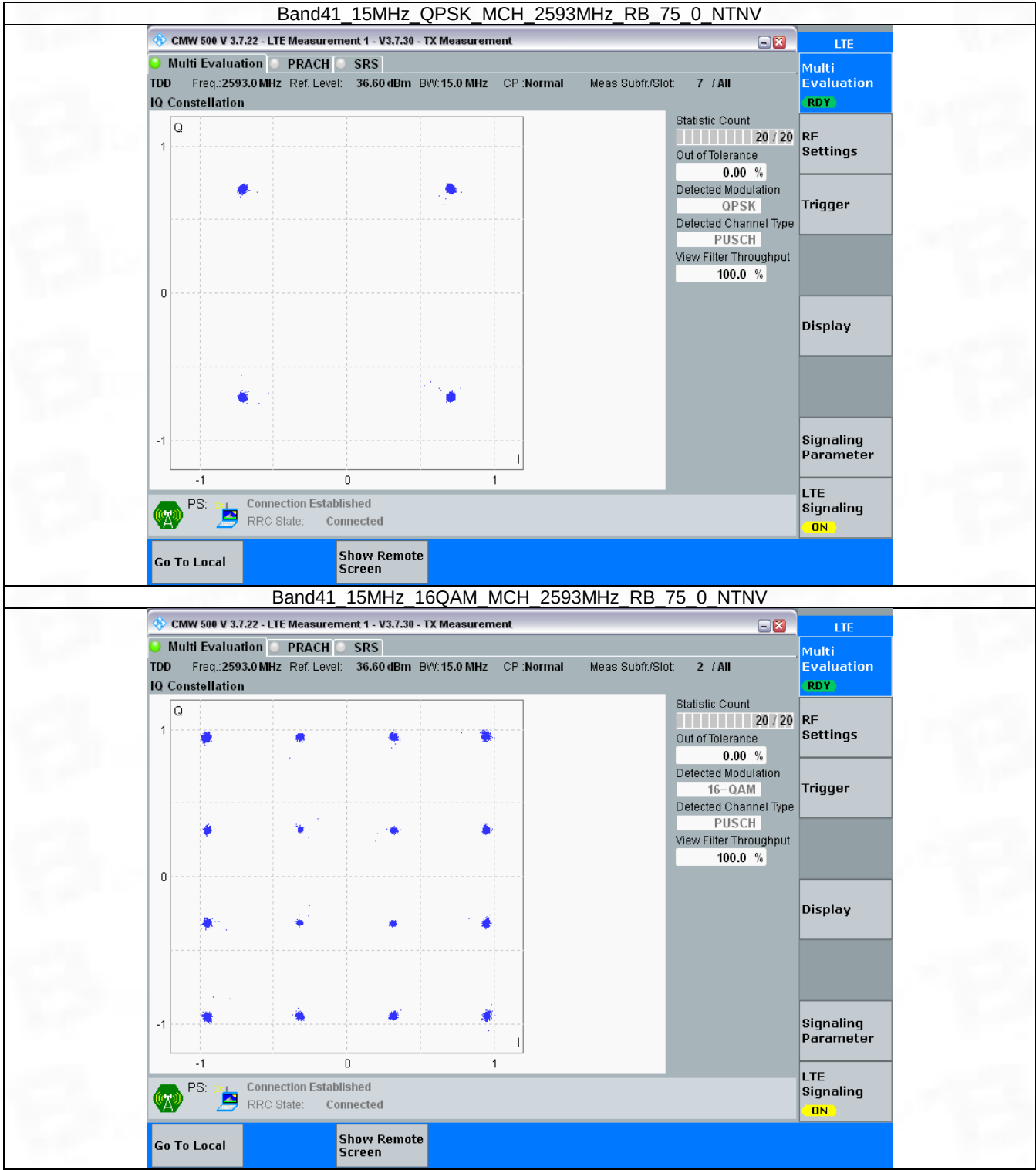


3.3 B41_15MHz

3.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTV						
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

3.3.2 Test Graph

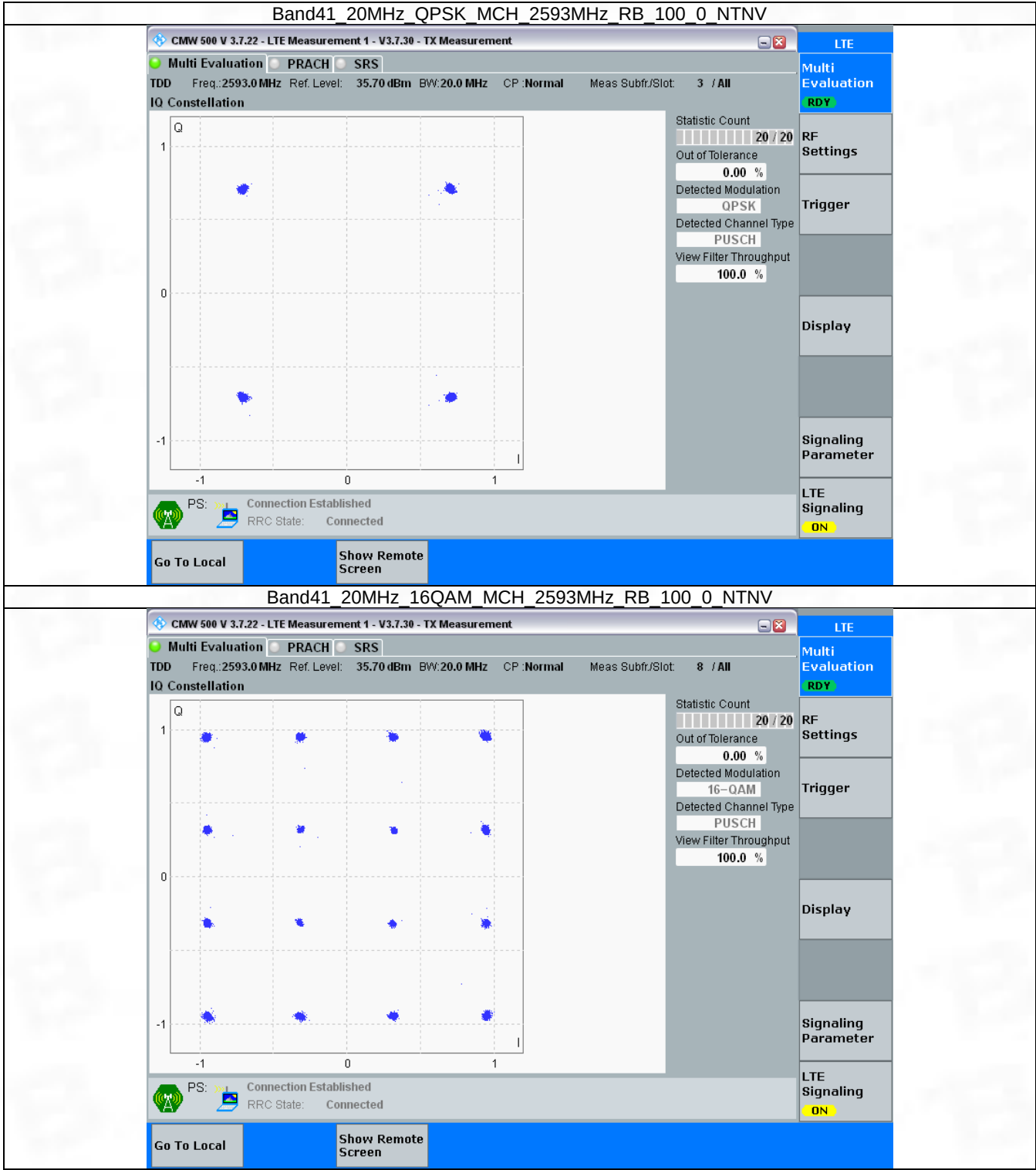


3.4 B41_20MHz

3.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTV						
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

3.4.2 Test Graph



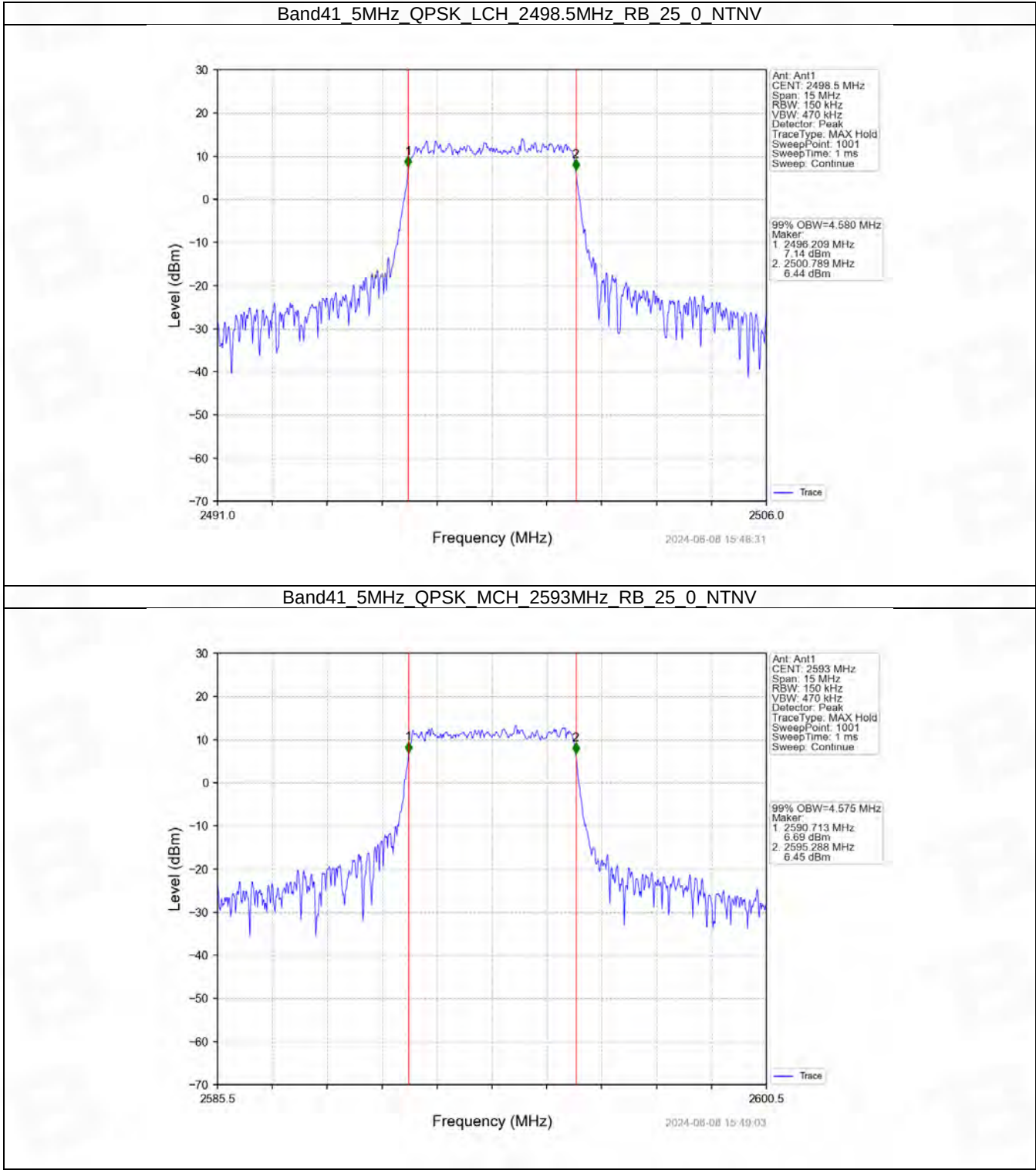
4. 99% & 26dB Bandwidth

4.1 Band41_OBW

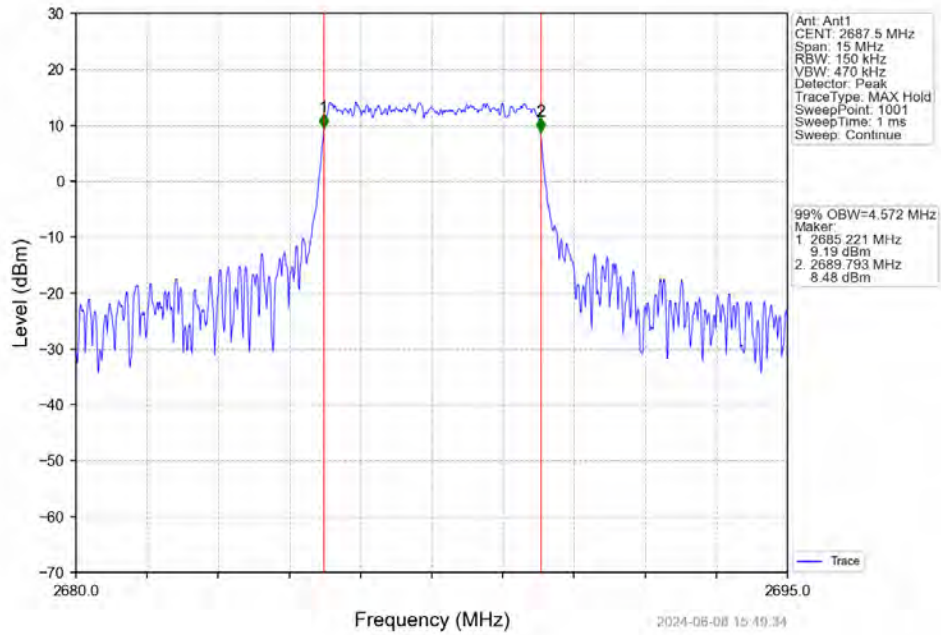
4.1.1 Test Result

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	4.580	/	Pass
		2593	25	0	4.575	/	Pass
		2687.5	25	0	4.572	/	Pass
	16QAM	2498.5	25	0	4.567	/	Pass
		2593	25	0	4.561	/	Pass
		2687.5	25	0	4.618	/	Pass
10	QPSK	2501	50	0	9.101	/	Pass
		2593	50	0	9.086	/	Pass
		2685	50	0	9.082	/	Pass
	16QAM	2501	50	0	9.090	/	Pass
		2593	50	0	9.070	/	Pass
		2685	50	0	9.108	/	Pass
15	QPSK	2503.5	75	0	13.612	/	Pass
		2593	75	0	13.628	/	Pass
		2682.5	75	0	13.697	/	Pass
	16QAM	2503.5	75	0	13.723	/	Pass
		2593	75	0	13.675	/	Pass
		2682.5	75	0	13.700	/	Pass
20	QPSK	2506	100	0	18.144	/	Pass
		2593	100	0	18.118	/	Pass
		2680	100	0	18.152	/	Pass
	16QAM	2506	100	0	18.168	/	Pass
		2593	100	0	18.191	/	Pass
		2680	100	0	18.124	/	Pass

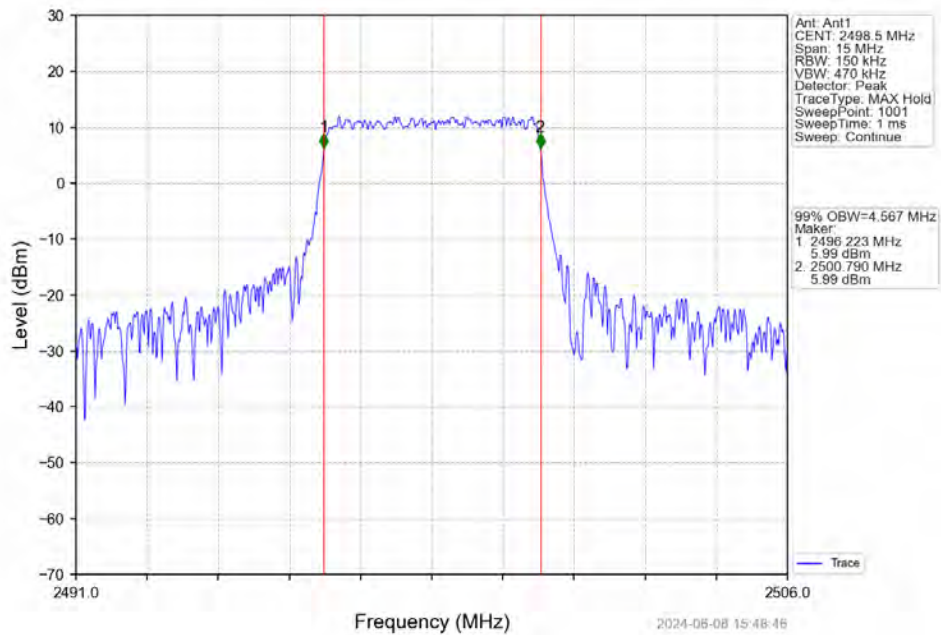
4.1.2 Test Graph



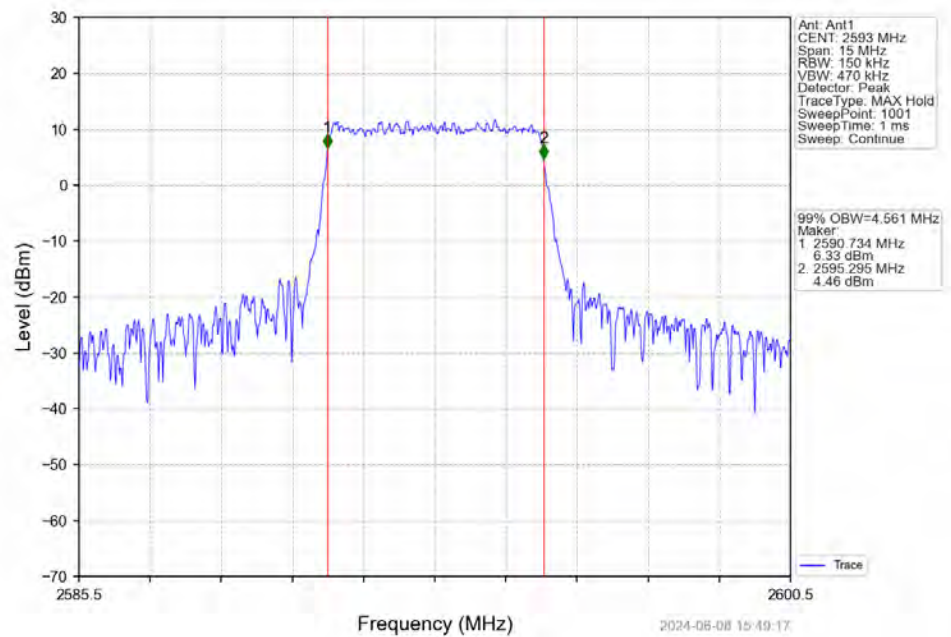
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



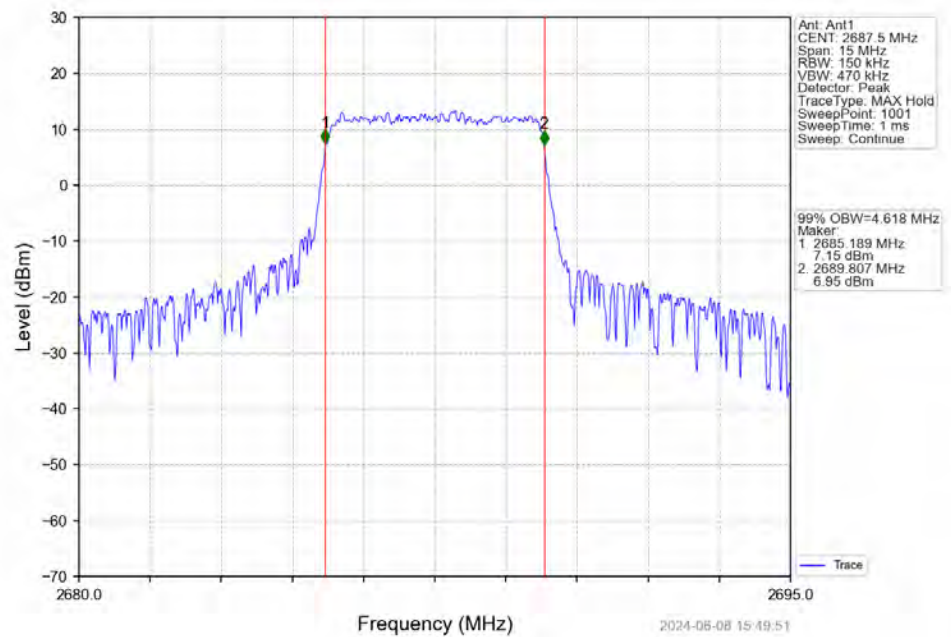
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTNV



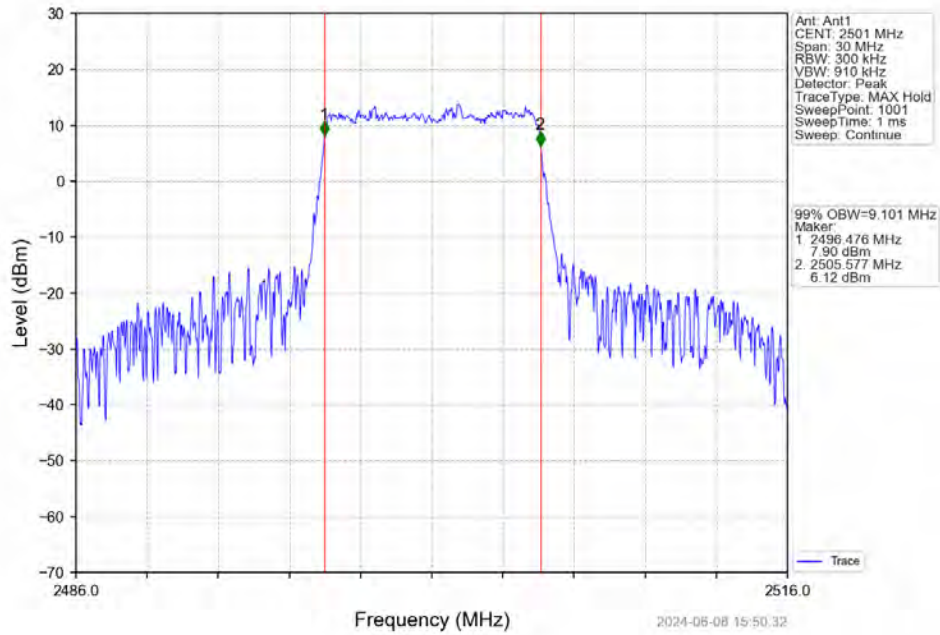
Band41 5MHz 16QAM MCH 2593MHz RB 25 0 NTNV



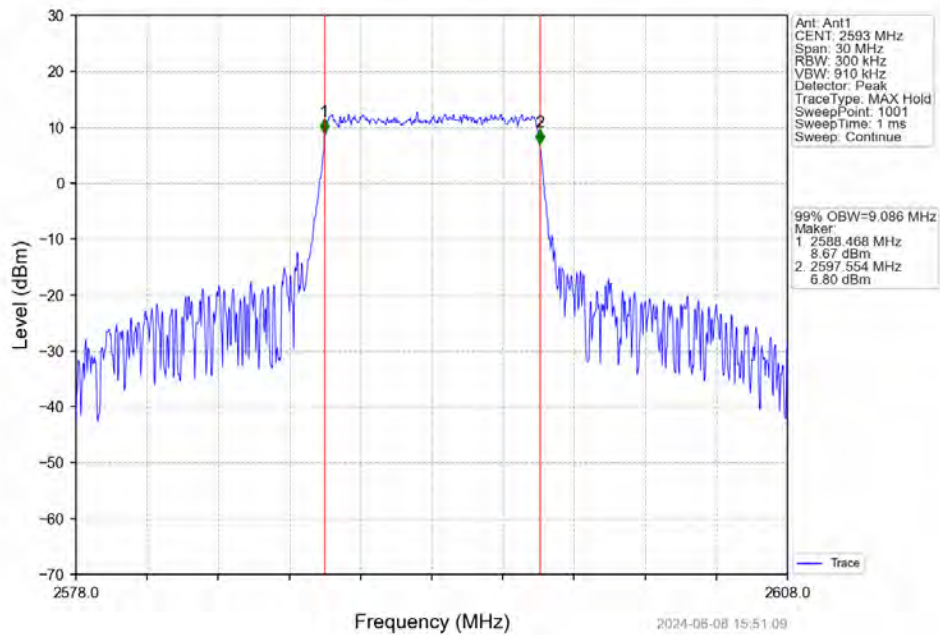
Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTNV



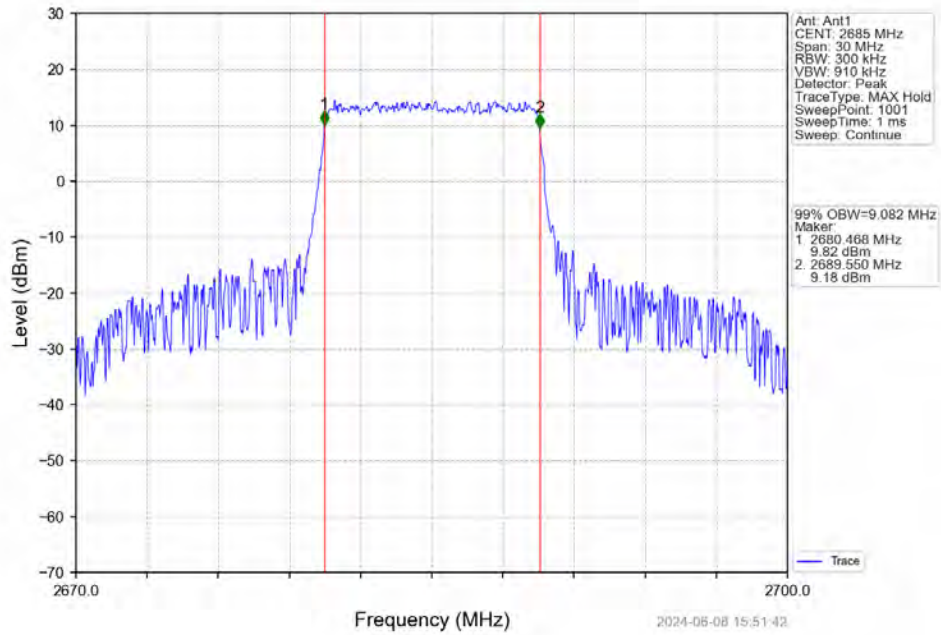
Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTNV



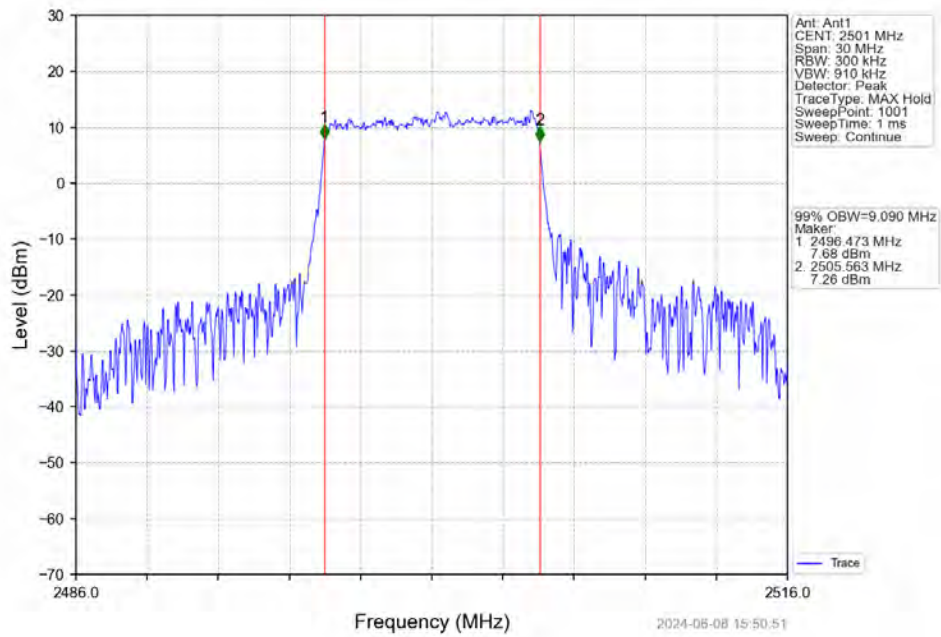
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTNV



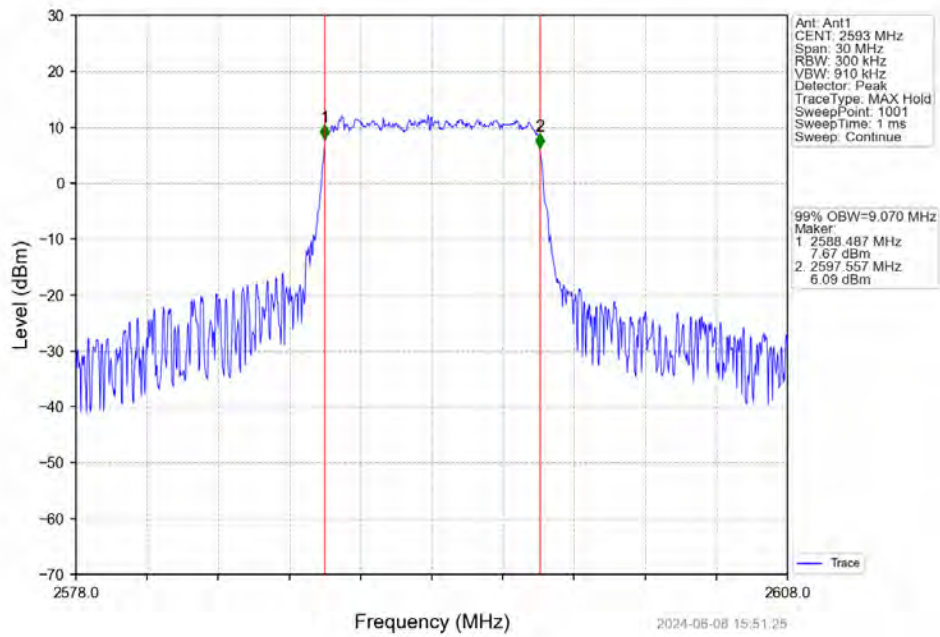
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV



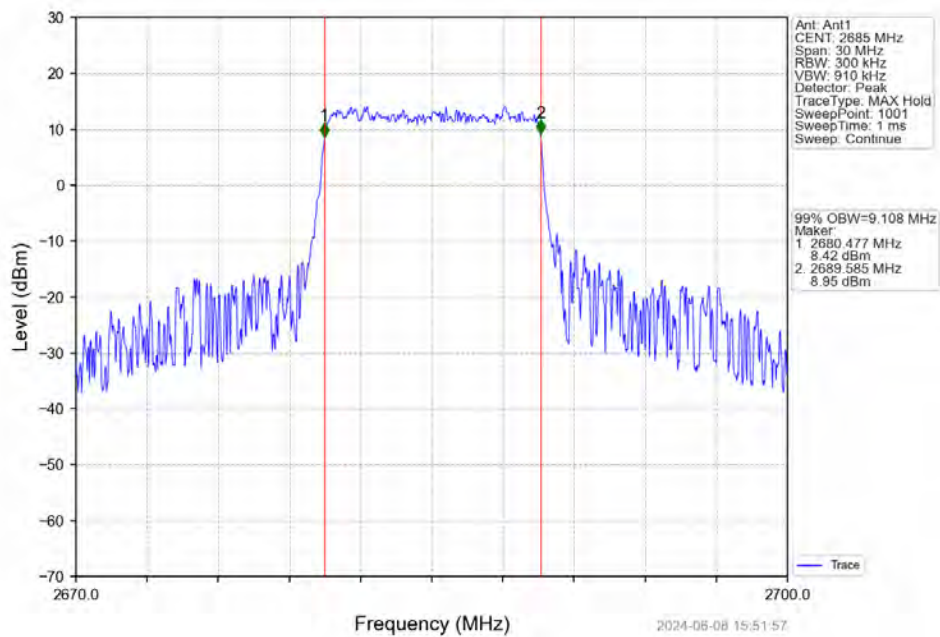
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTV



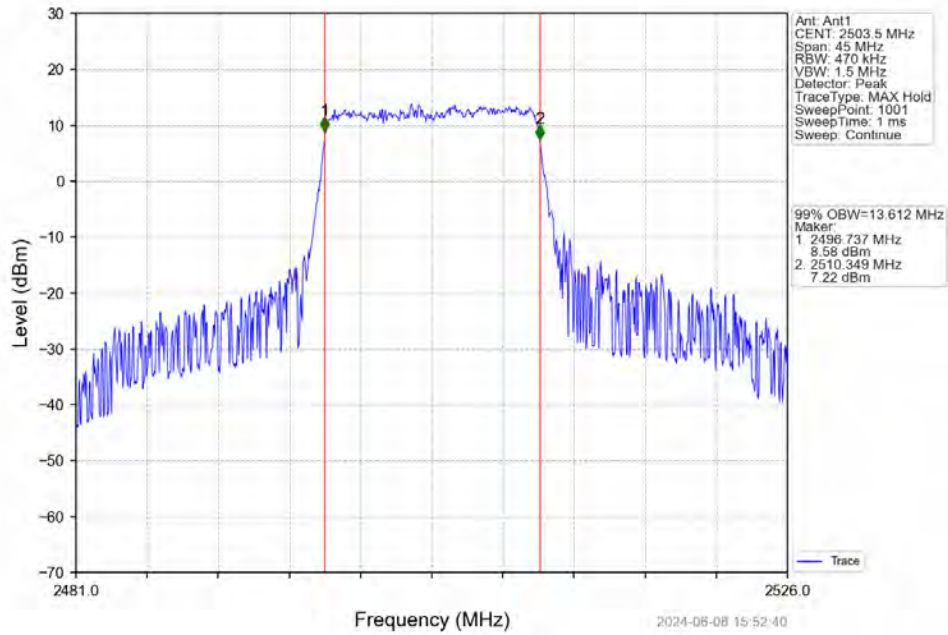
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTN



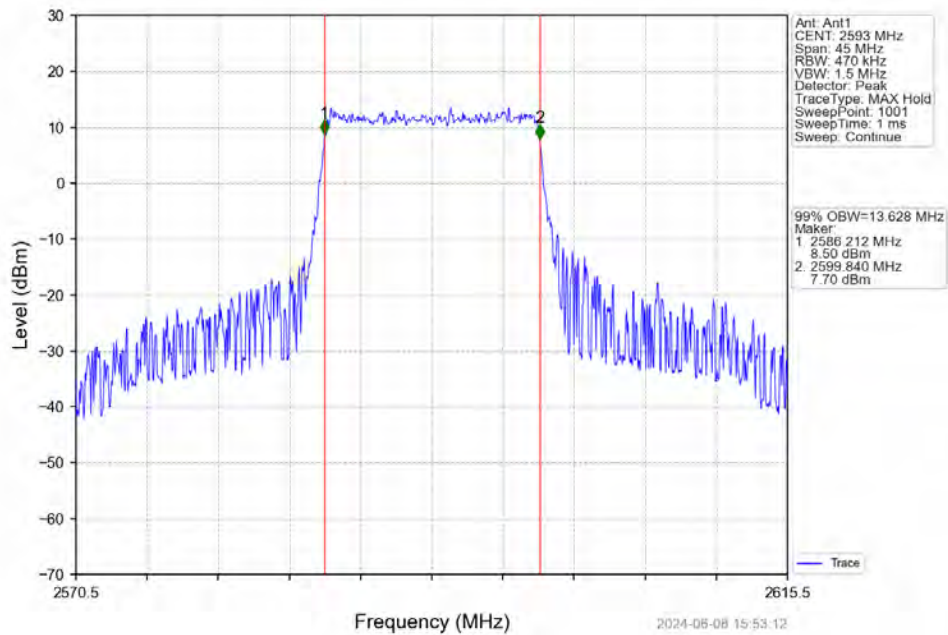
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTN



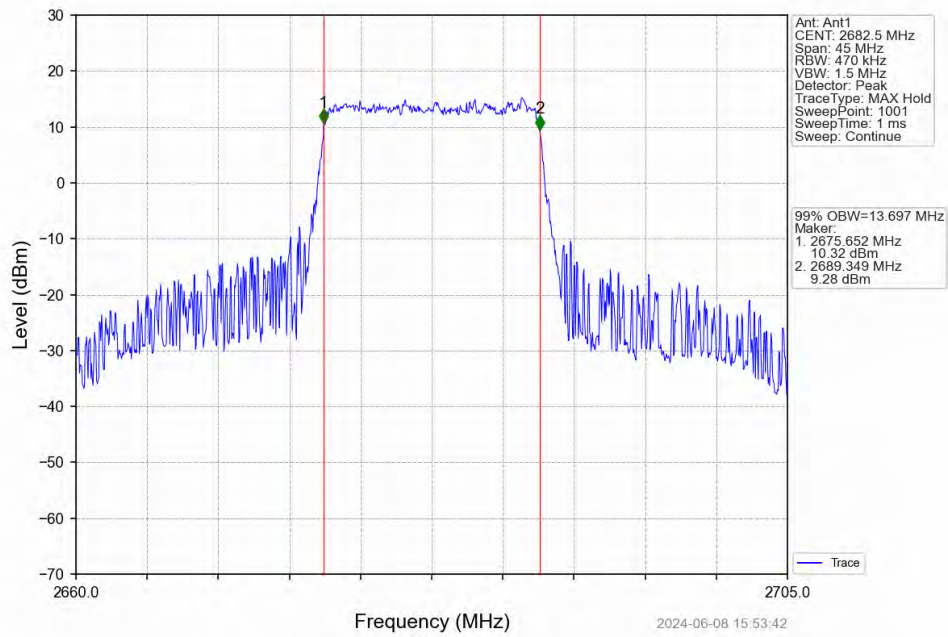
Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTV



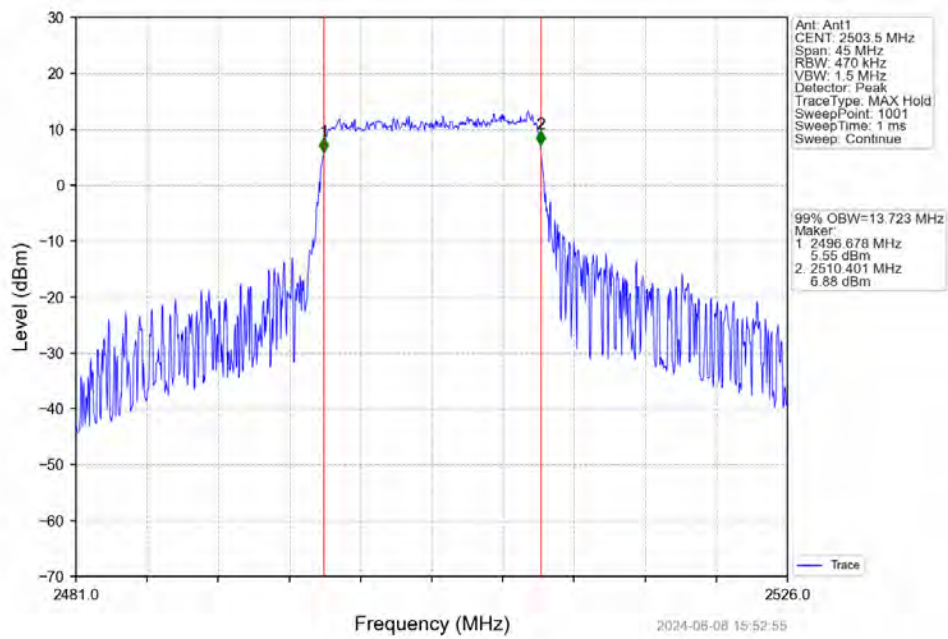
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTV



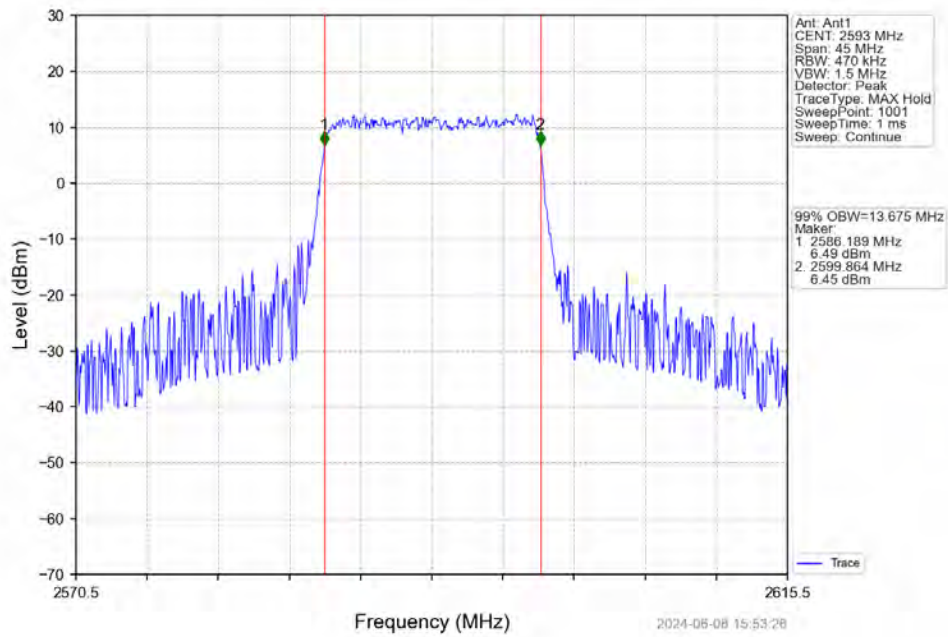
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTN



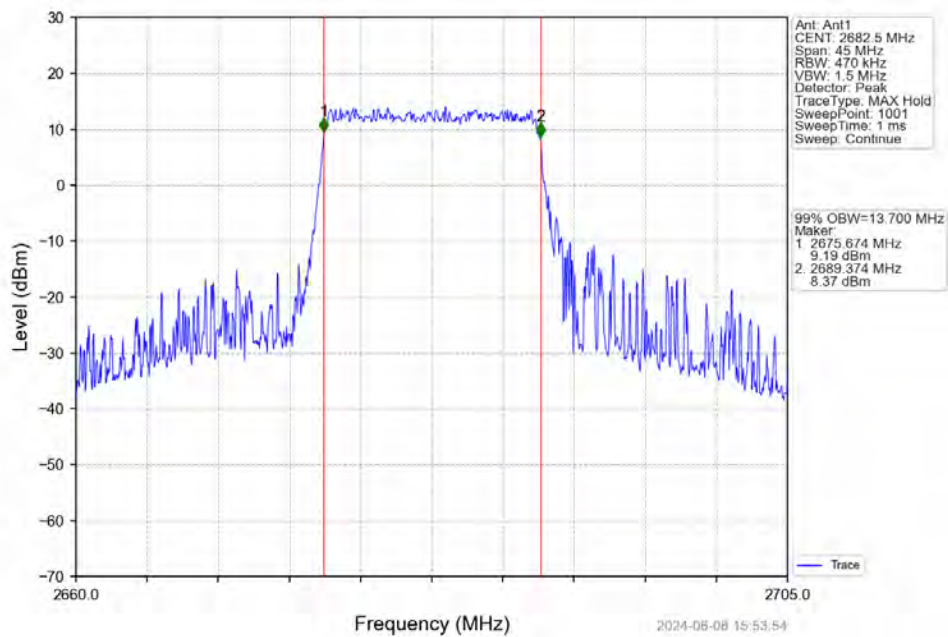
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTN



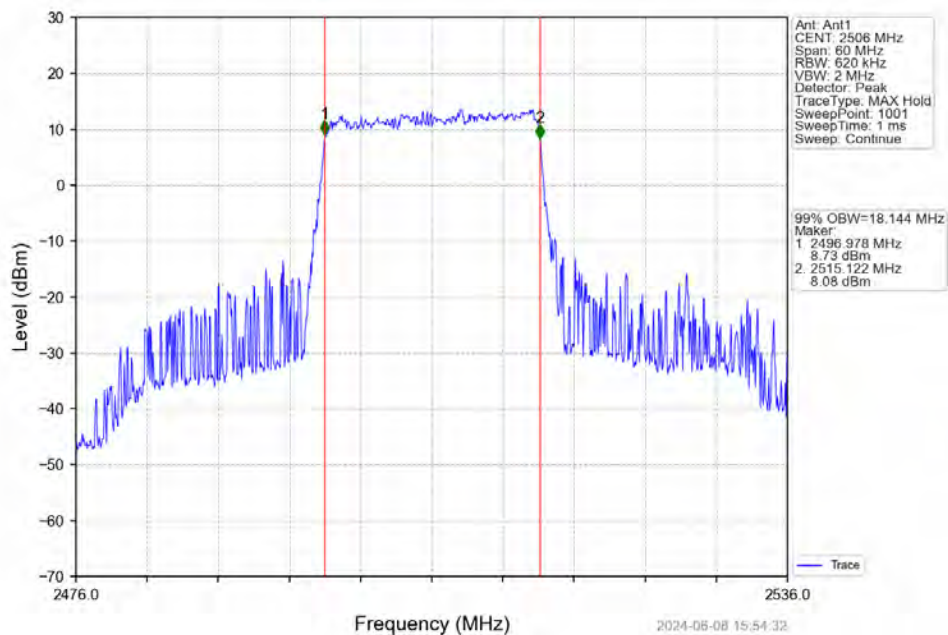
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



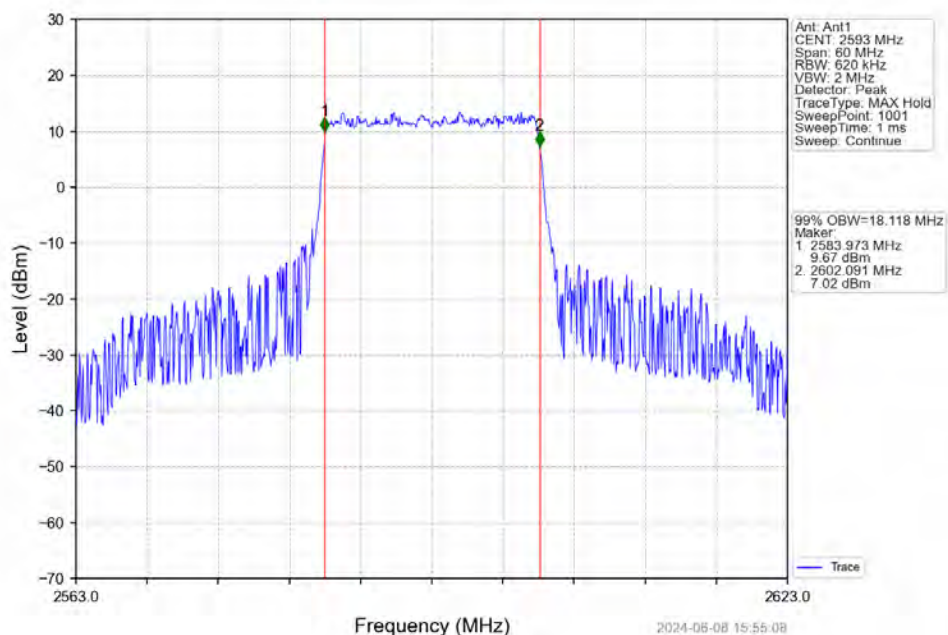
Band41 15MHz 16QAM HCH 2682.5MHz RB 75 0 NTNV



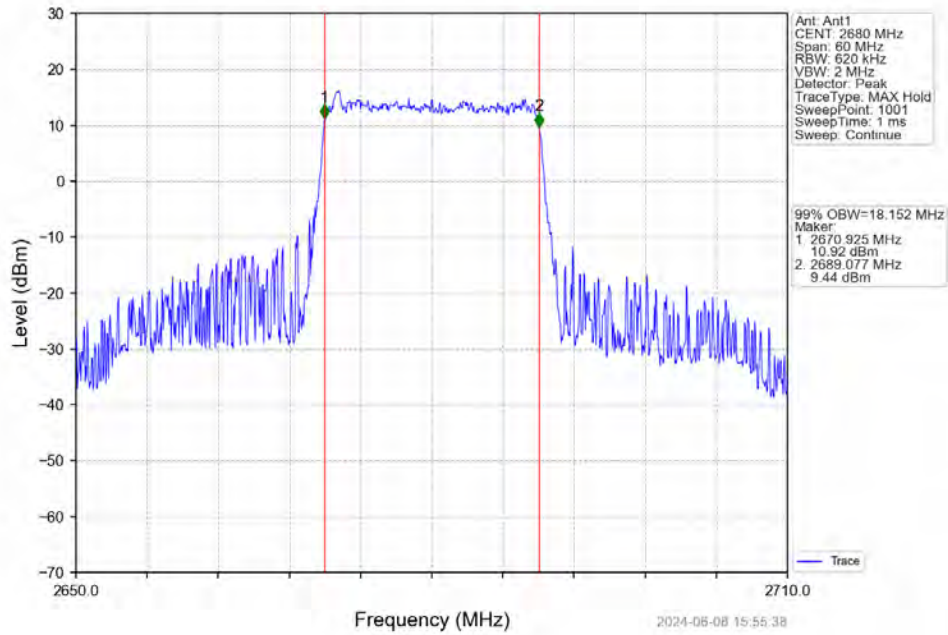
Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTNV



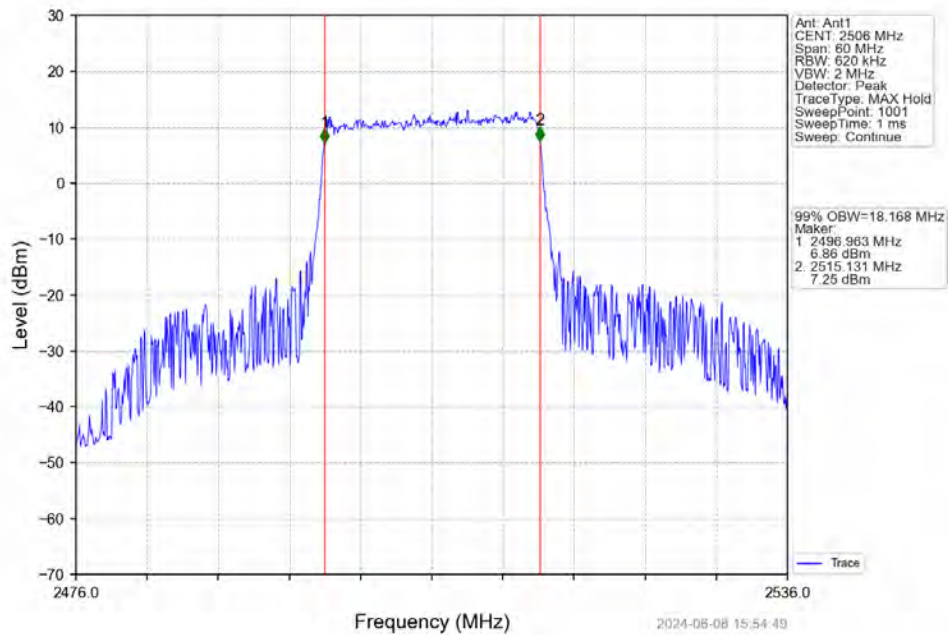
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



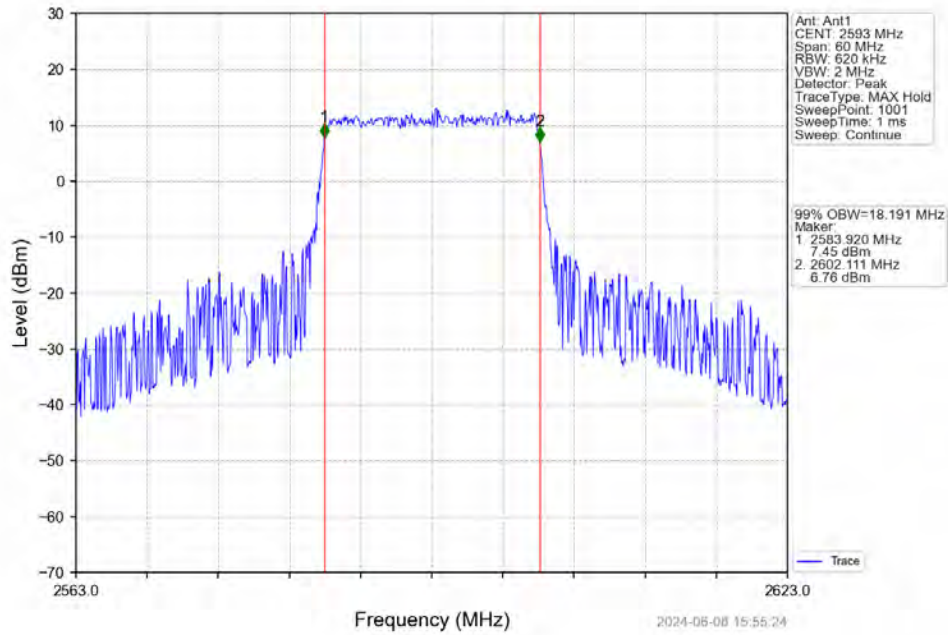
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



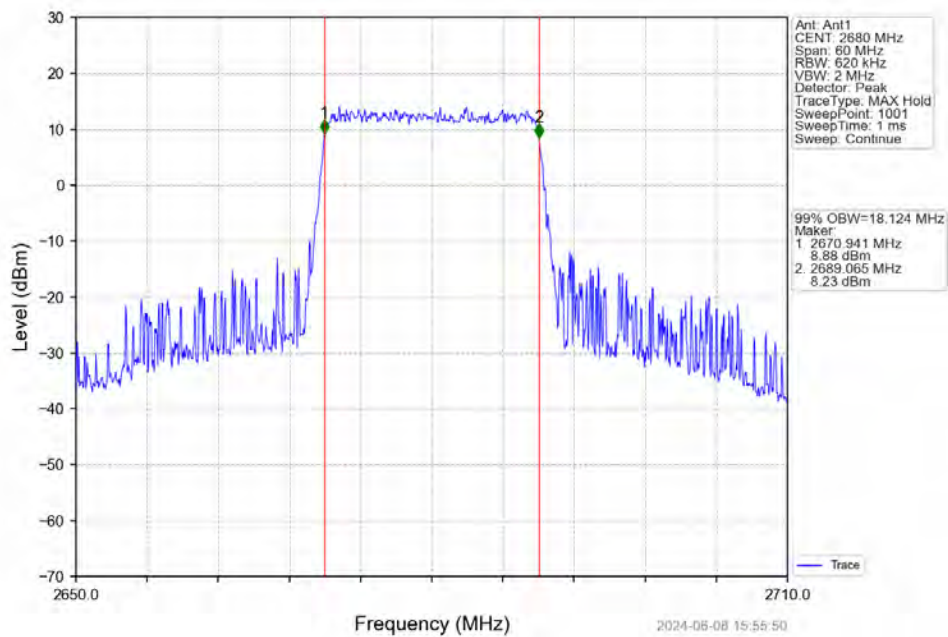
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTNV



Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTNV



Band41 20MHz 16QAM HCH 2680MHz RB 100 0 NTNV

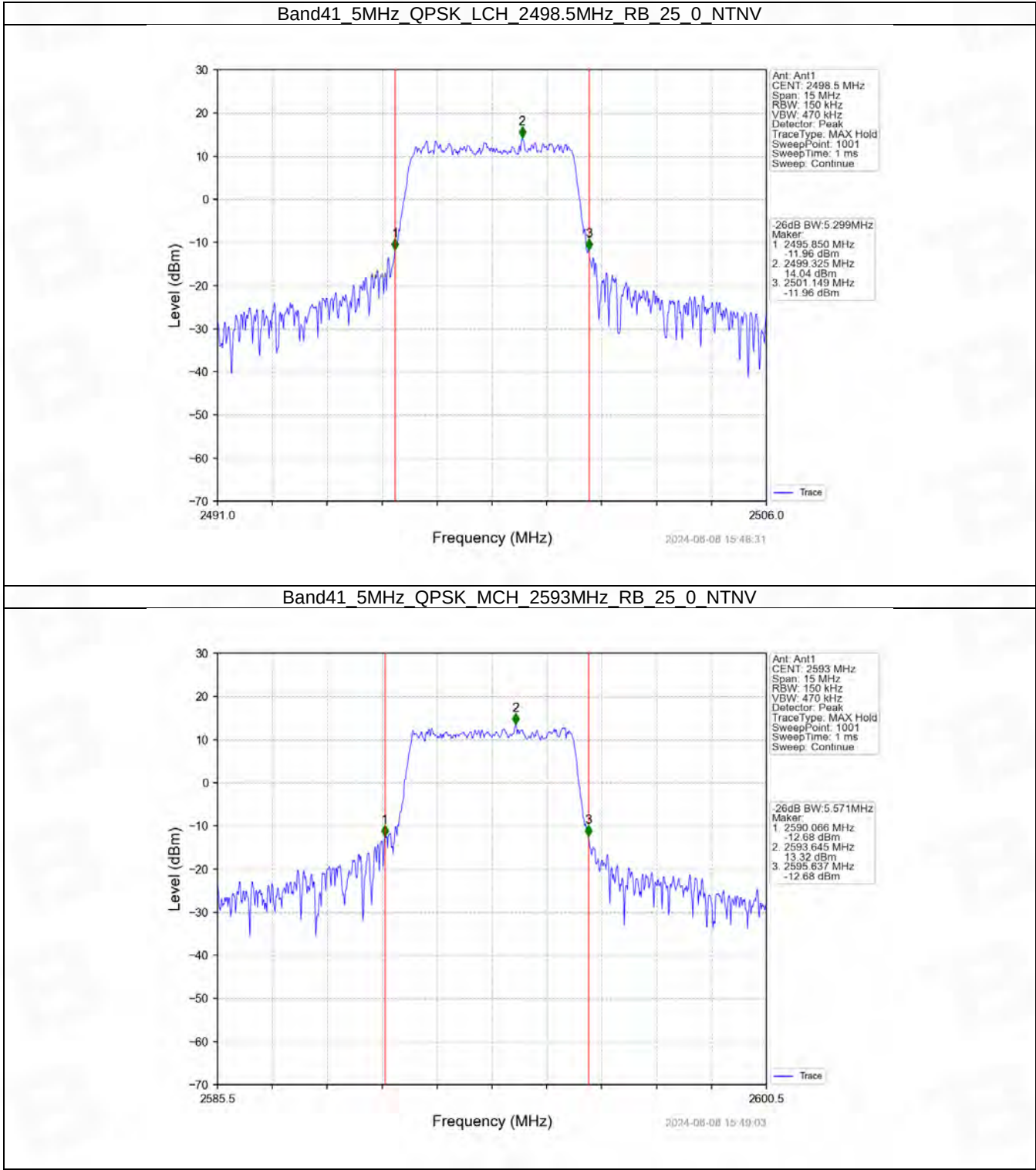


4.2 Band41_XDB

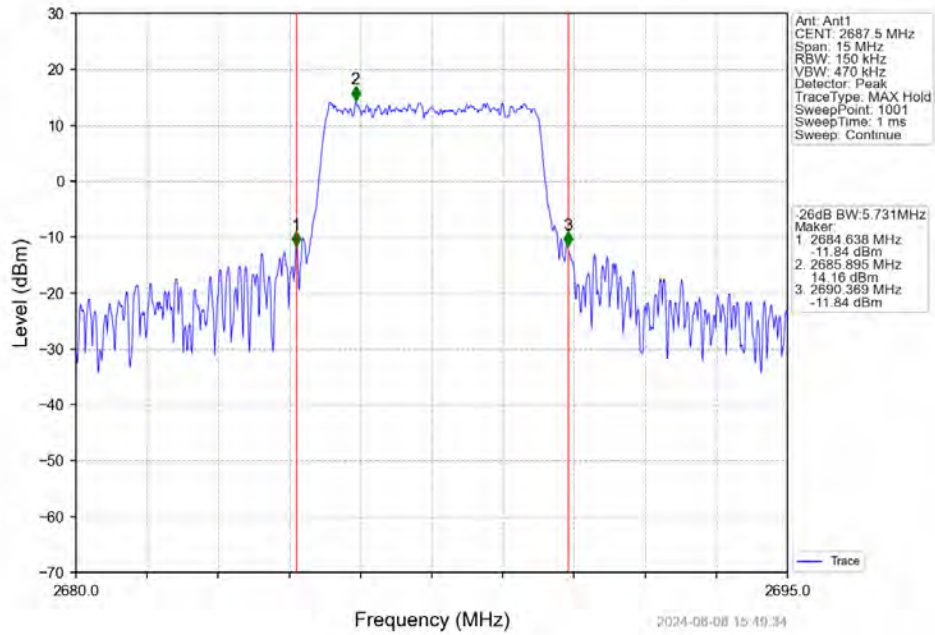
4.2.1 Test Result

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.299	/	Pass
		2593	25	0	5.571	/	Pass
		2687.5	25	0	5.731	/	Pass
	16QAM	2498.5	25	0	5.607	/	Pass
		2593	25	0	5.304	/	Pass
		2687.5	25	0	5.706	/	Pass
10	QPSK	2501	50	0	10.247	/	Pass
		2593	50	0	10.887	/	Pass
		2685	50	0	10.529	/	Pass
	16QAM	2501	50	0	11.475	/	Pass
		2593	50	0	10.433	/	Pass
		2685	50	0	11.234	/	Pass
15	QPSK	2503.5	75	0	16.443	/	Pass
		2593	75	0	16.518	/	Pass
		2682.5	75	0	17.785	/	Pass
	16QAM	2503.5	75	0	18.798	/	Pass
		2593	75	0	16.205	/	Pass
		2682.5	75	0	17.919	/	Pass
20	QPSK	2506	100	0	20.611	/	Pass
		2593	100	0	21.553	/	Pass
		2680	100	0	21.446	/	Pass
	16QAM	2506	100	0	21.069	/	Pass
		2593	100	0	23.182	/	Pass
		2680	100	0	21.980	/	Pass

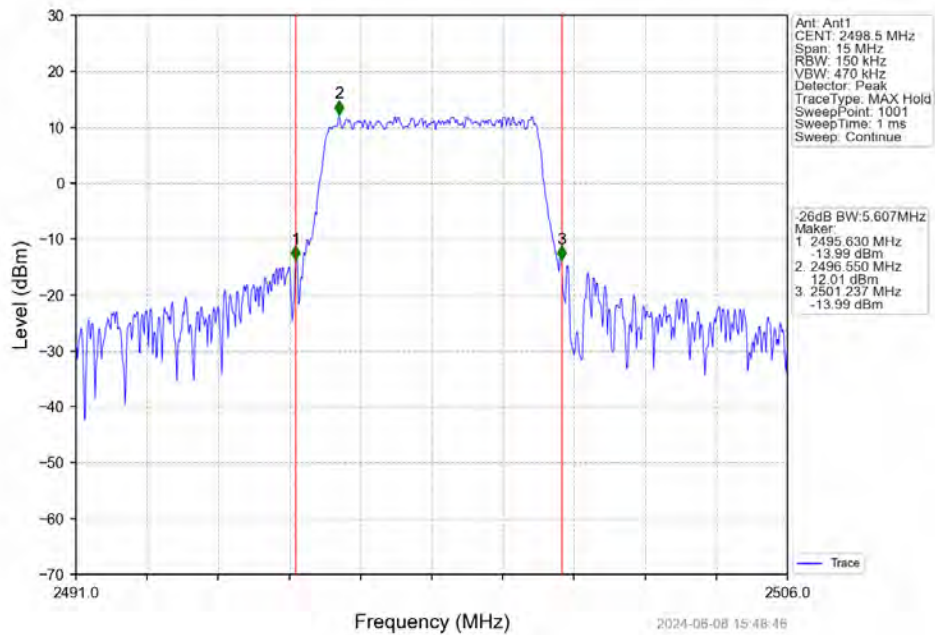
4.2.2 Test Graph



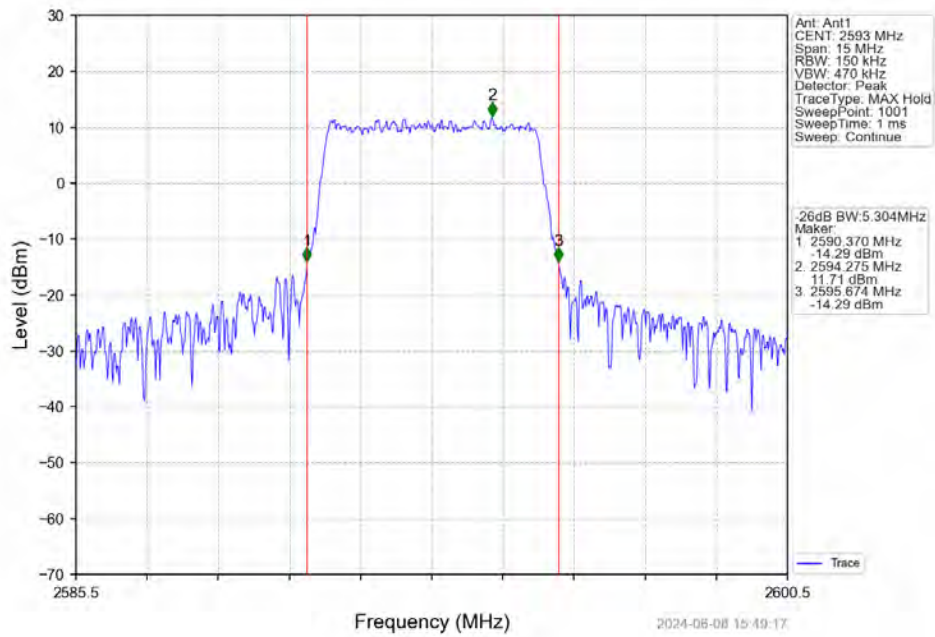
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



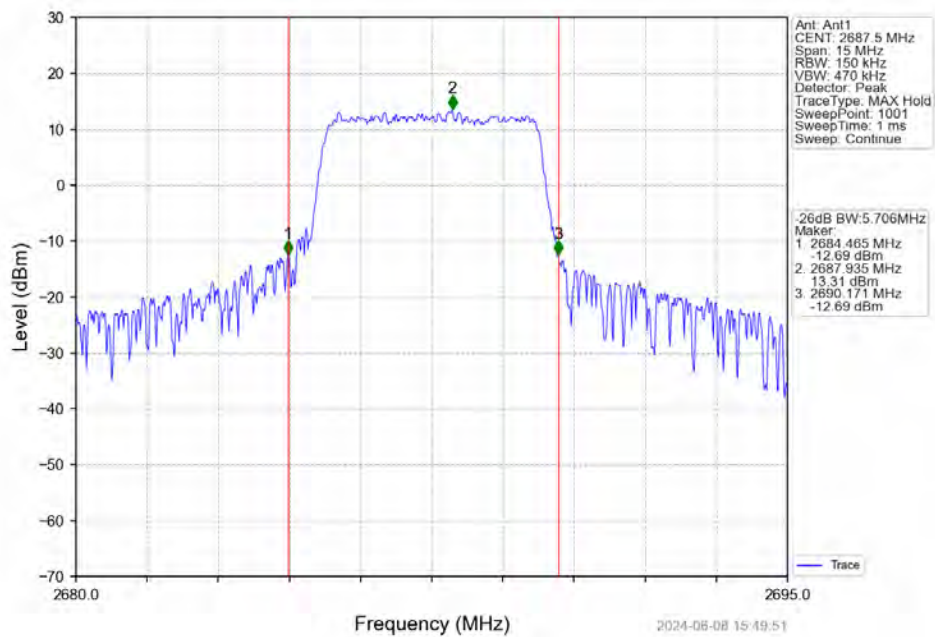
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTNV



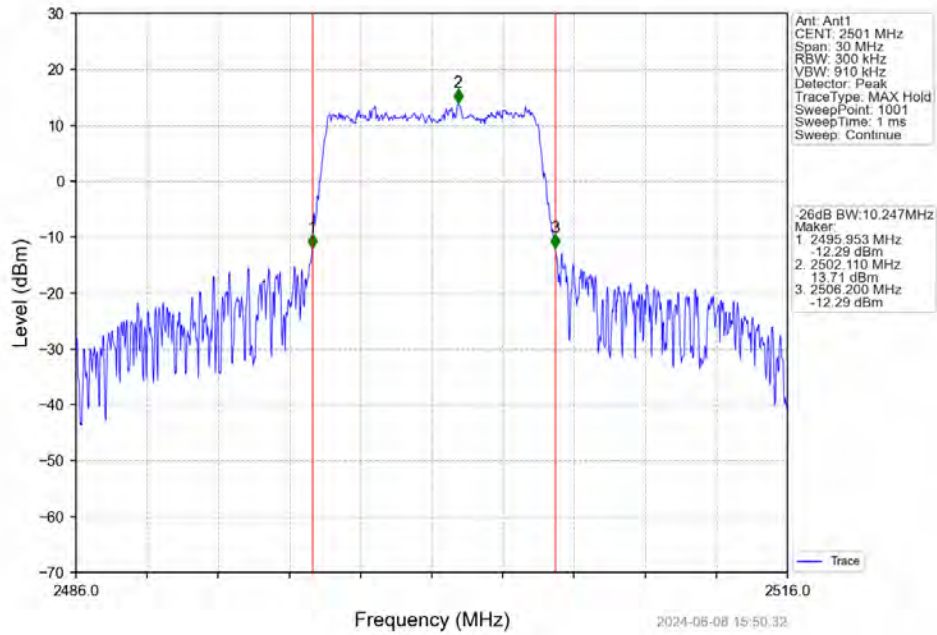
Band41 5MHz 16QAM MCH 2593MHz RB 25 0 NTNV



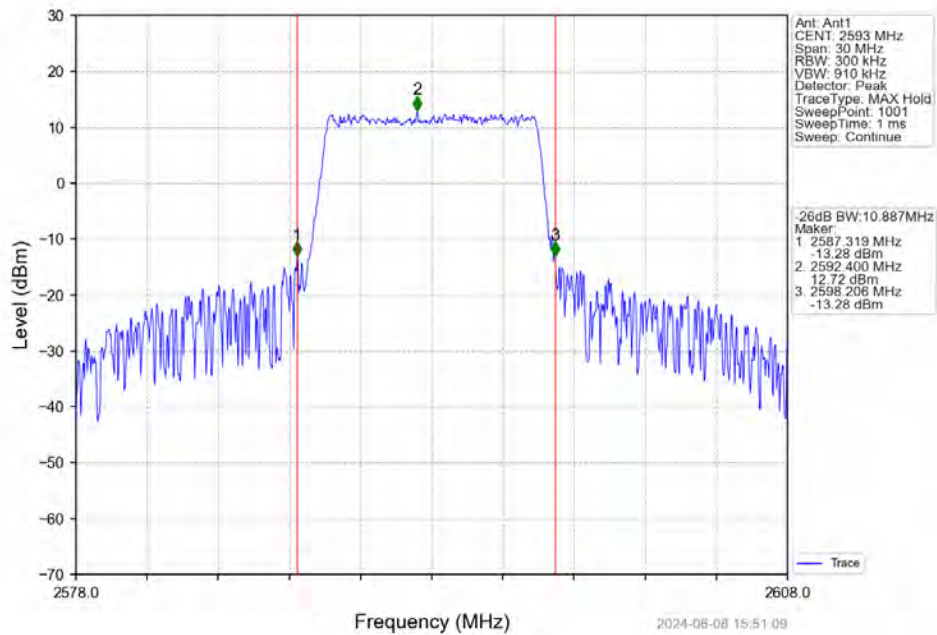
Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTNV



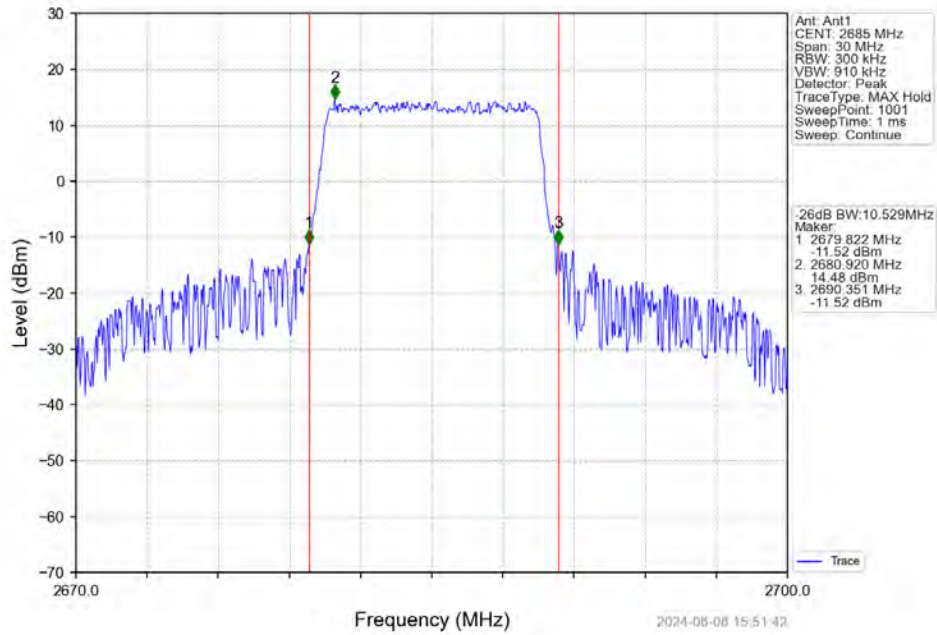
Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTN



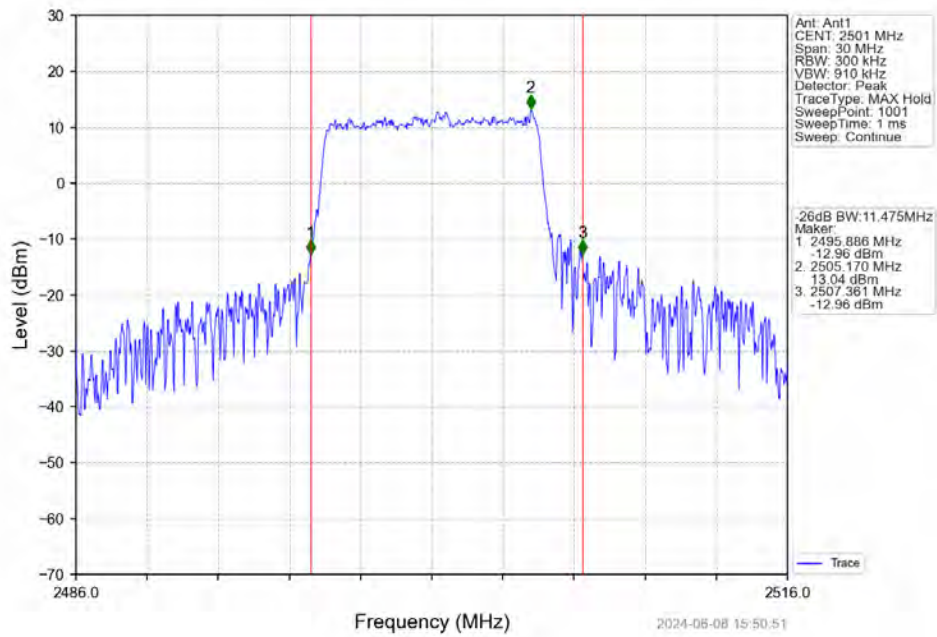
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTN



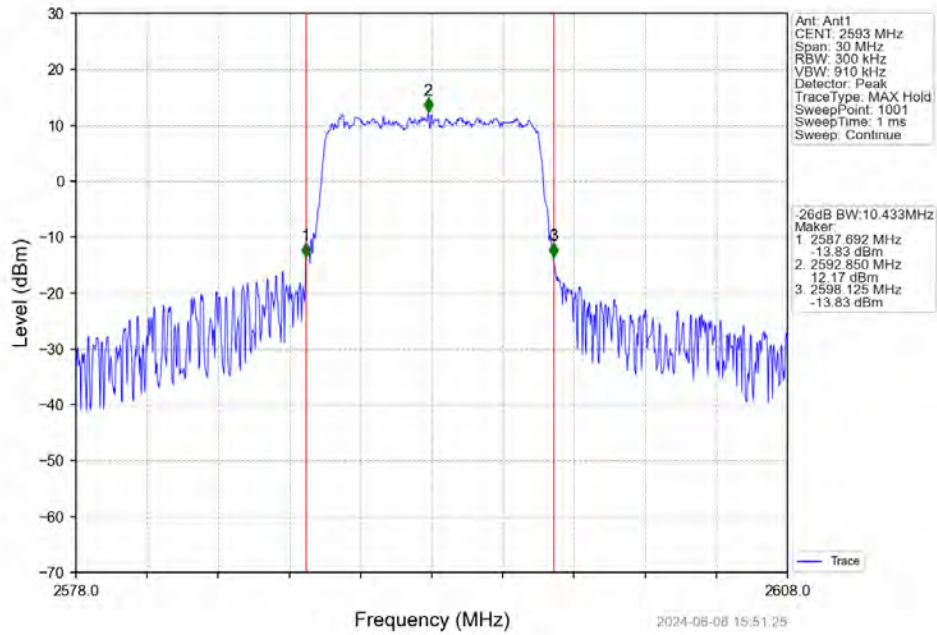
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTNV



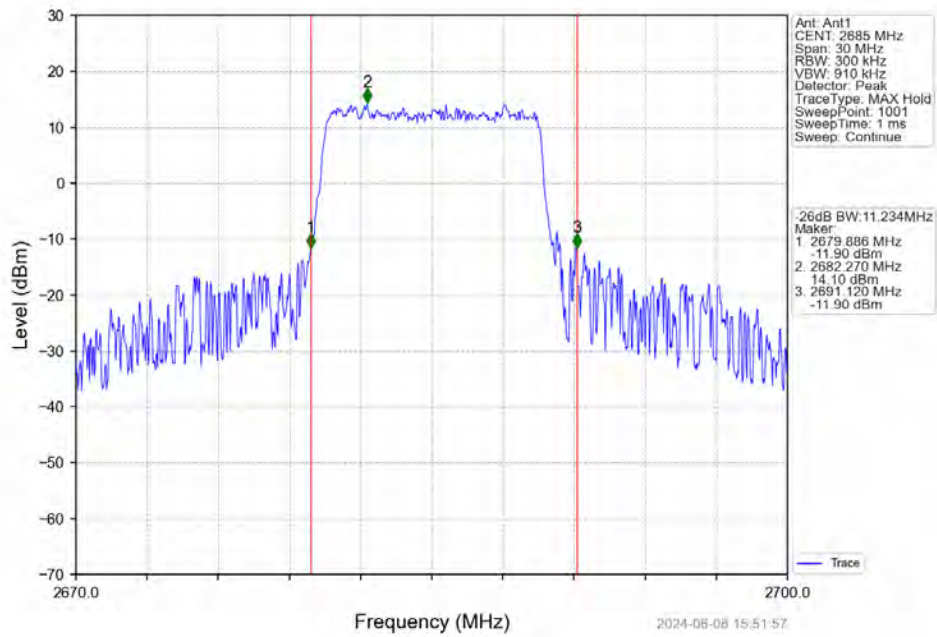
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTNV



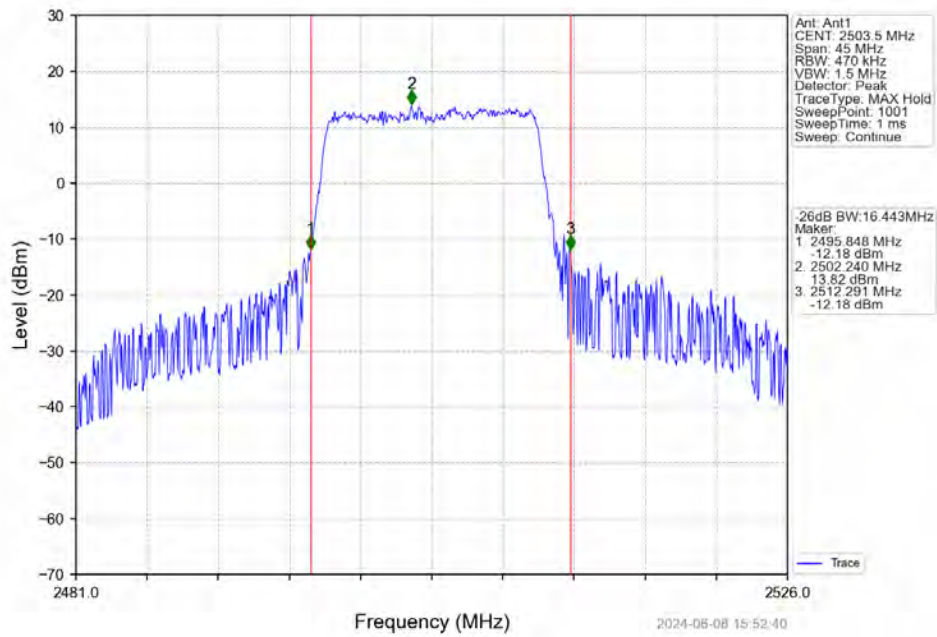
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTN



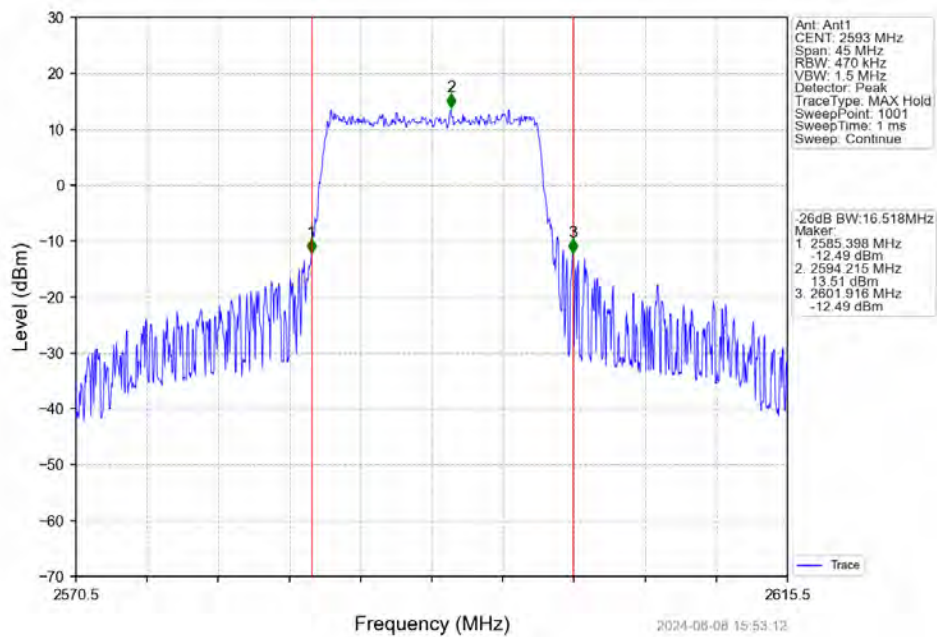
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTN



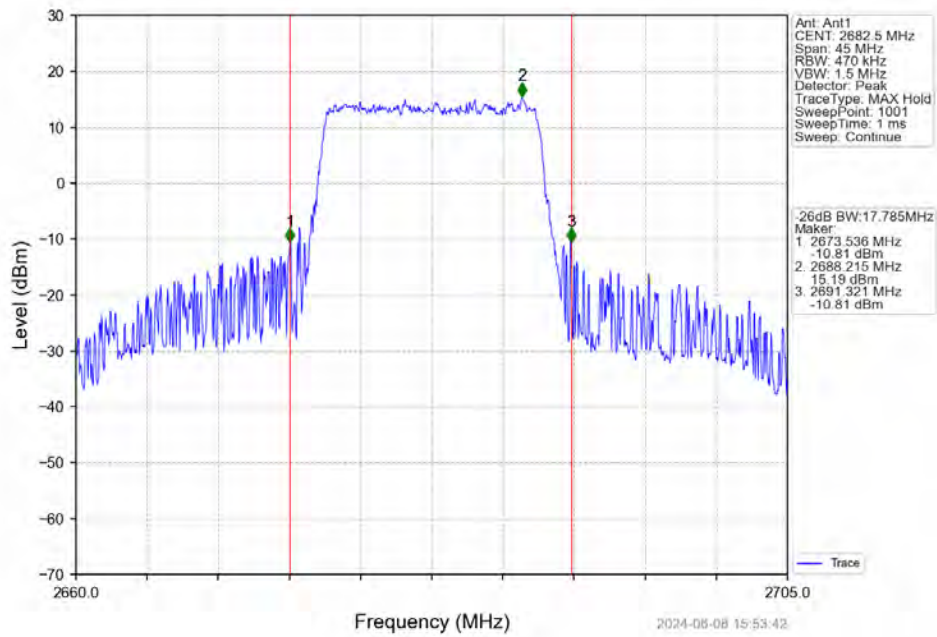
Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTN



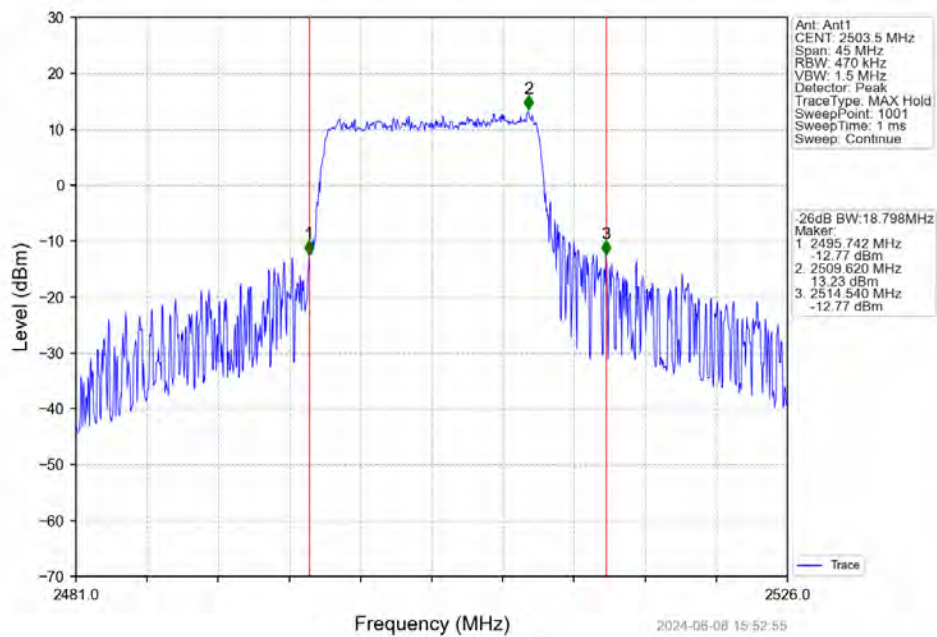
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTN



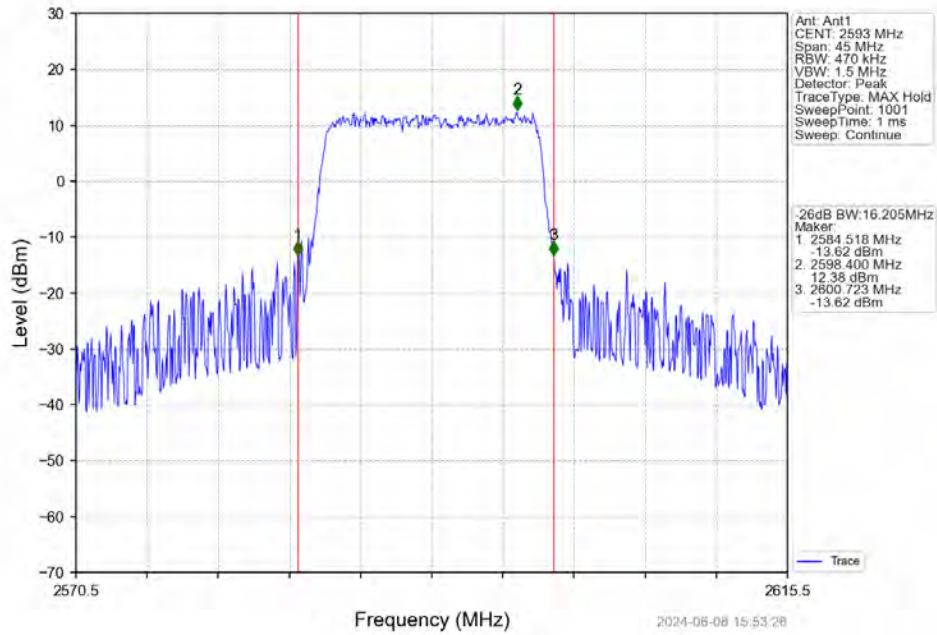
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTNV



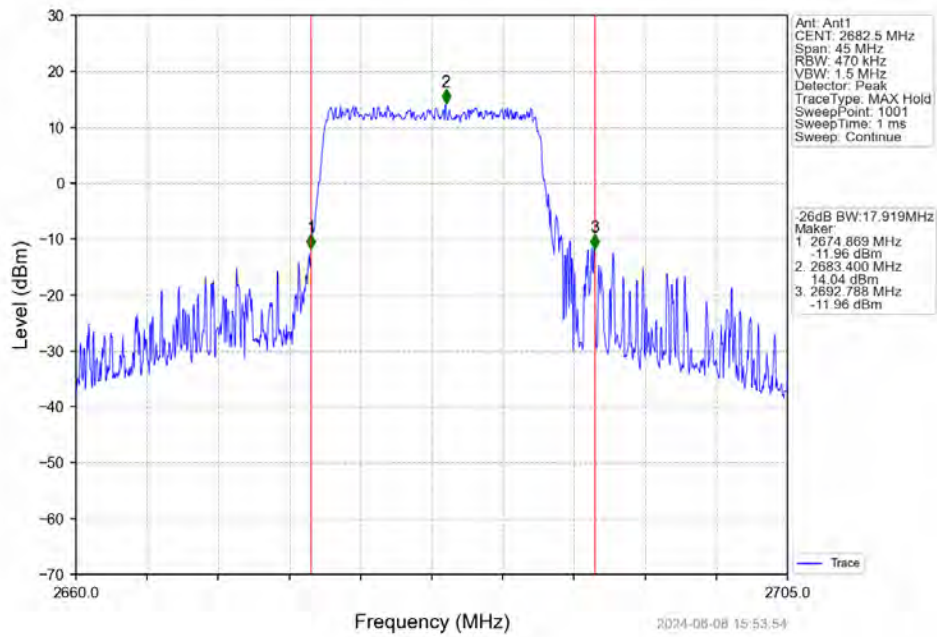
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTNV



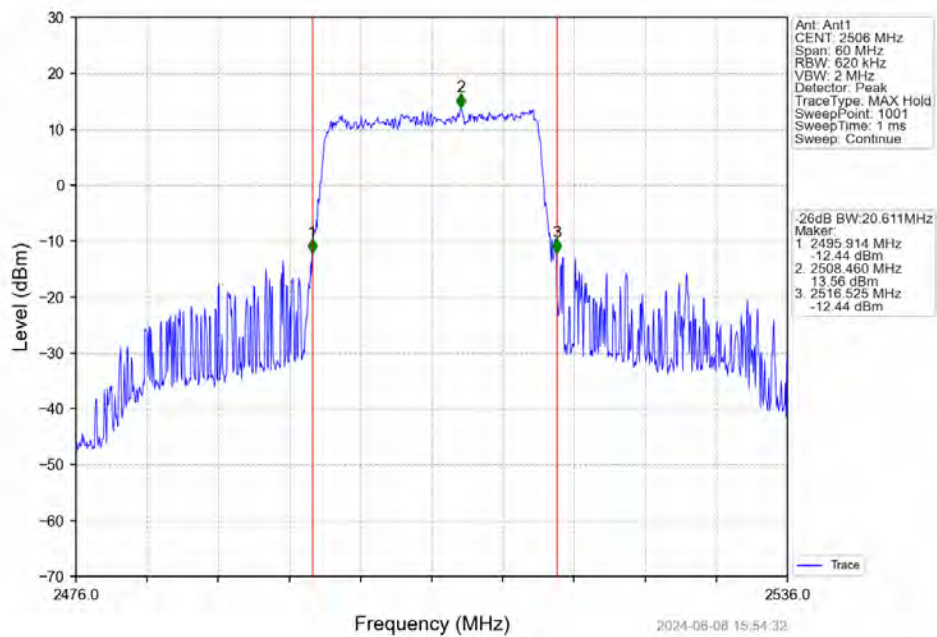
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



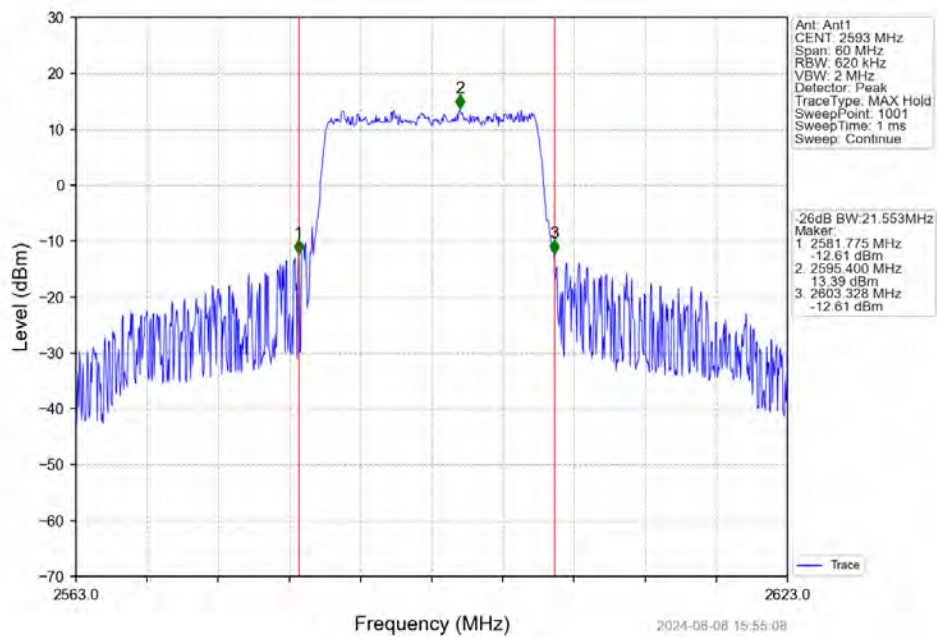
Band41 15MHz 16QAM HCH 2682.5MHz RB 75 0 NTNV



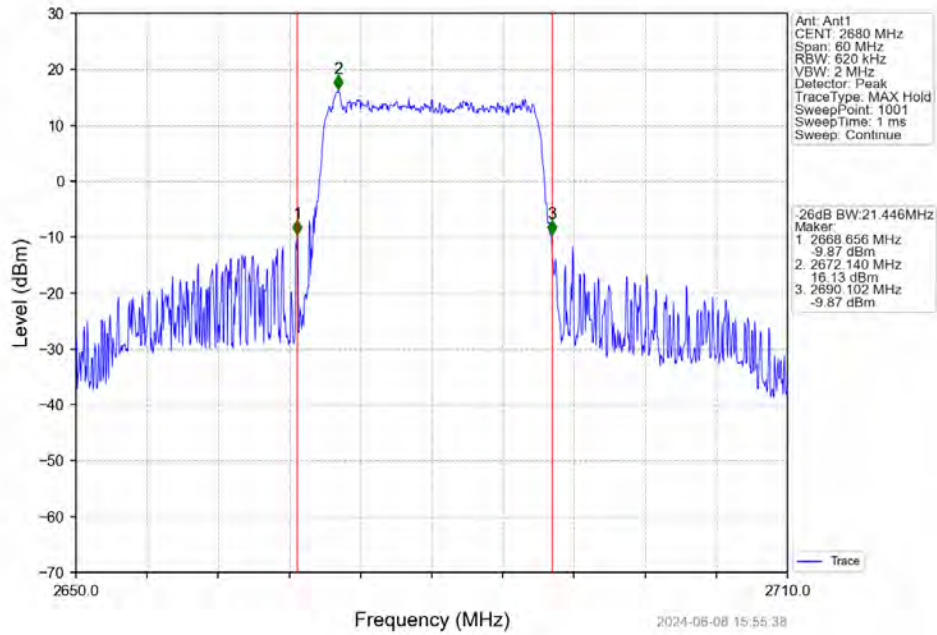
Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTN



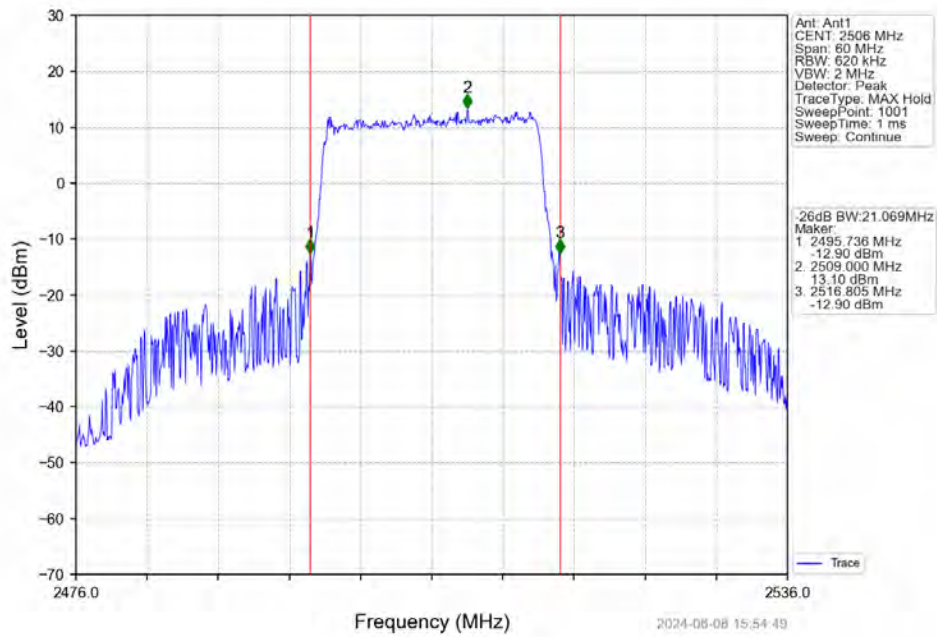
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTN



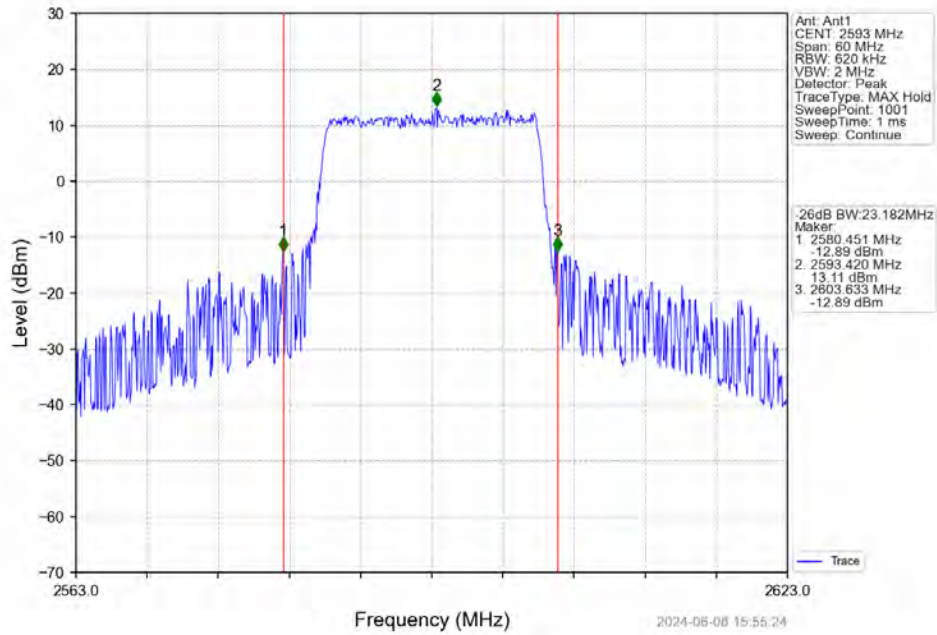
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTN



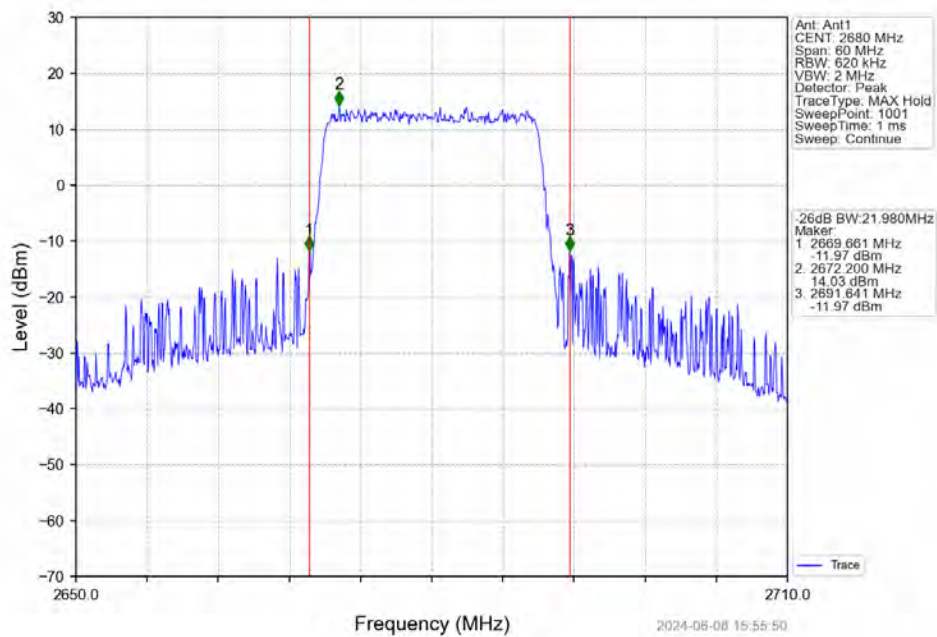
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTN



Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTNV



Band41 20MHz 16QAM HCH 2680MHz RB 100 0 NTNV



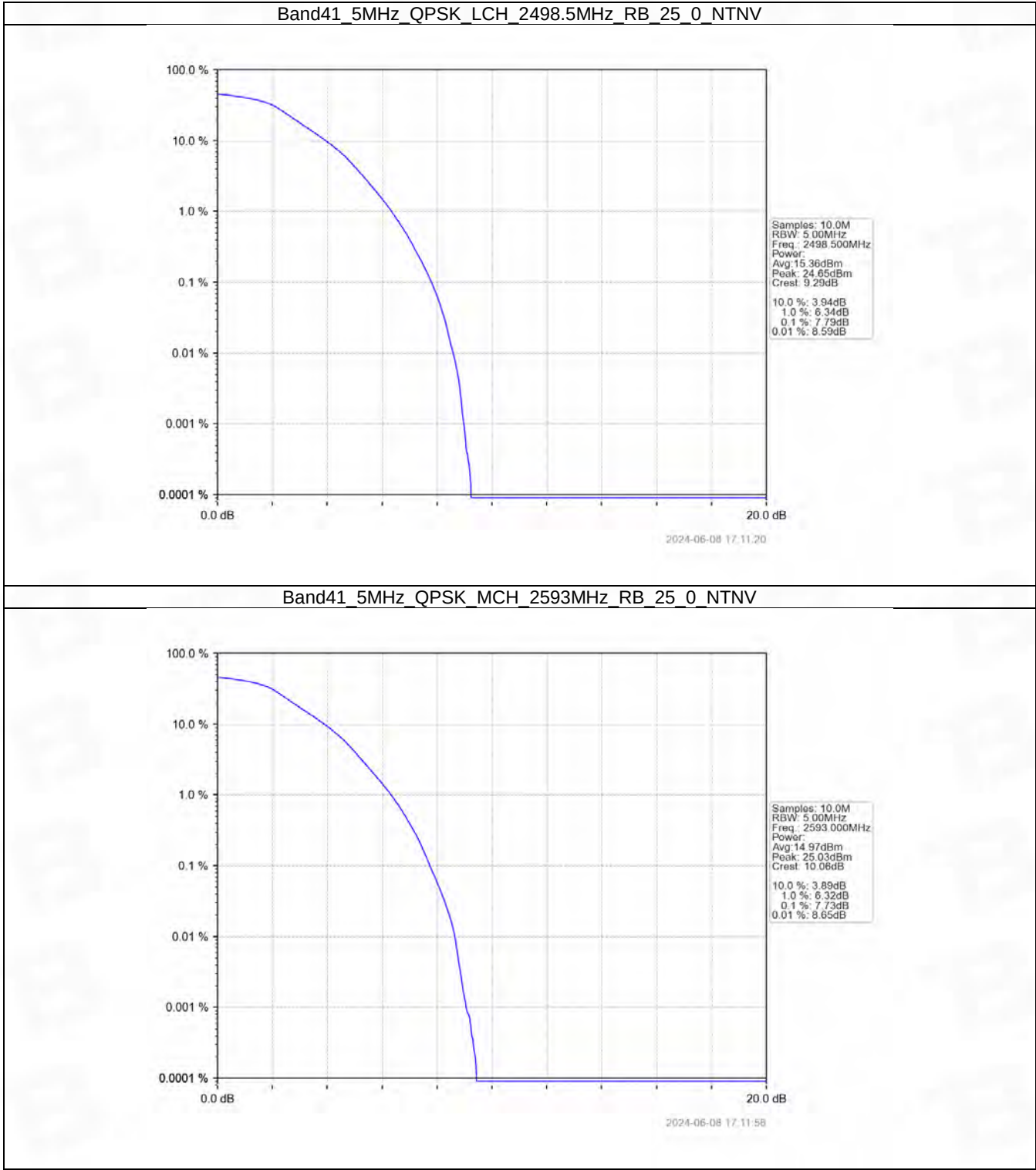
5. Peak-Average Ratio

5.1 B41_5MHz

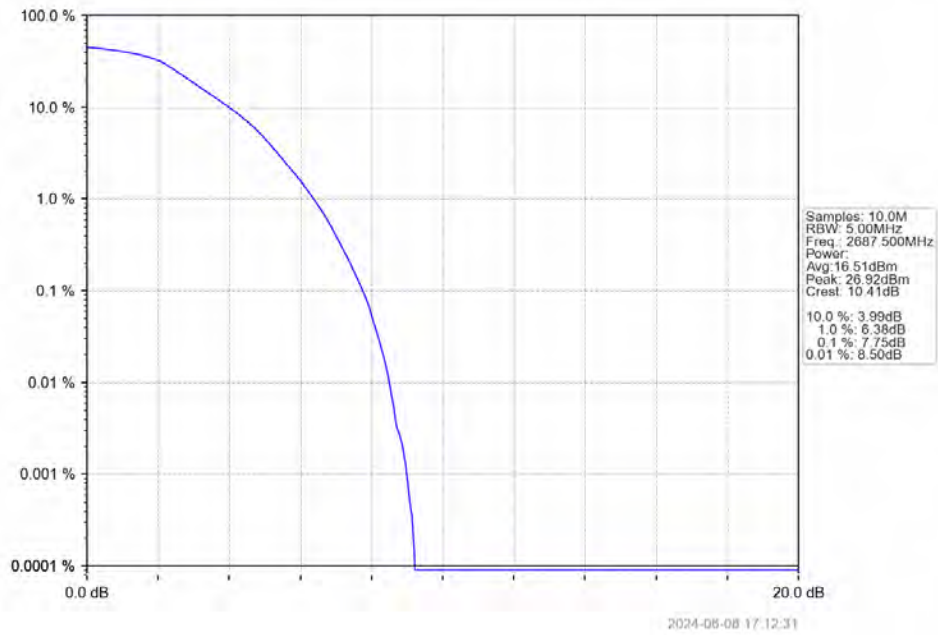
5.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.79	<=13	Pass
	2593	25	0	7.73	<=13	Pass
	2687.5	25	0	7.75	<=13	Pass
16QAM	2498.5	25	0	8.35	<=13	Pass
	2593	25	0	8.35	<=13	Pass
	2687.5	25	0	8.29	<=13	Pass

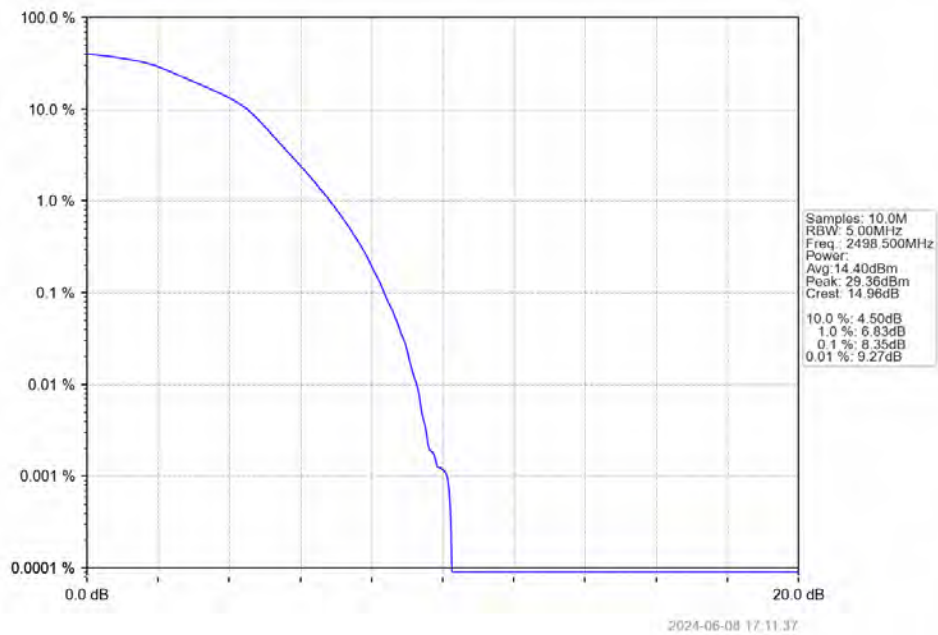
5.1.2 Test Graph



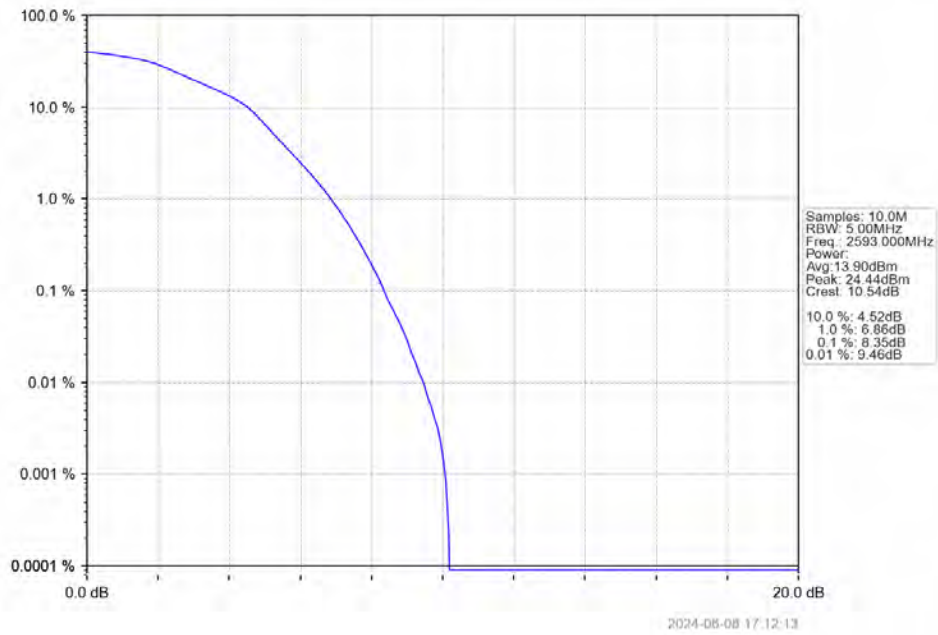
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



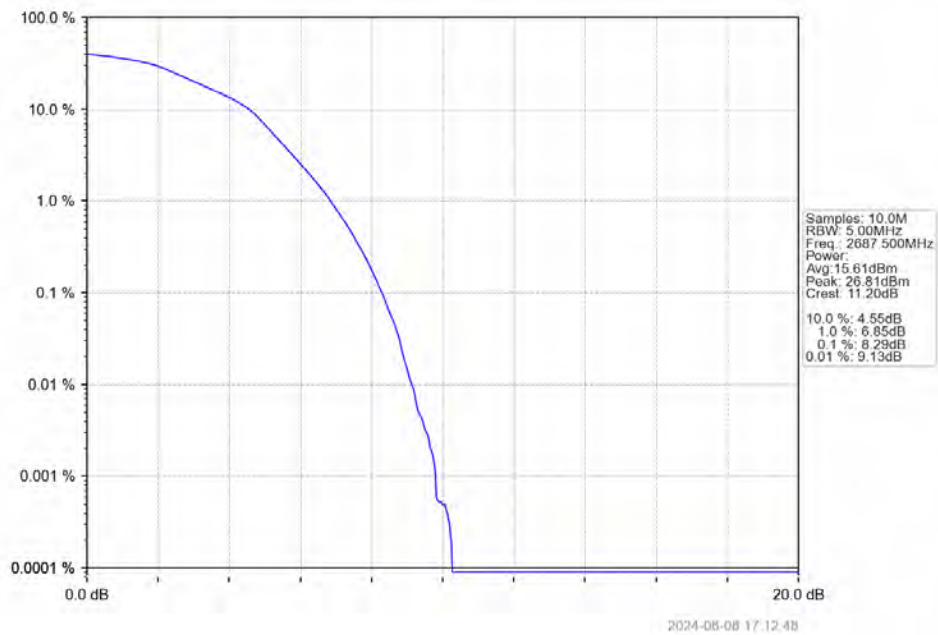
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTNV



Band41 5MHz 16QAM MCH 2593MHz RB 25 0 NTNV



Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTNV

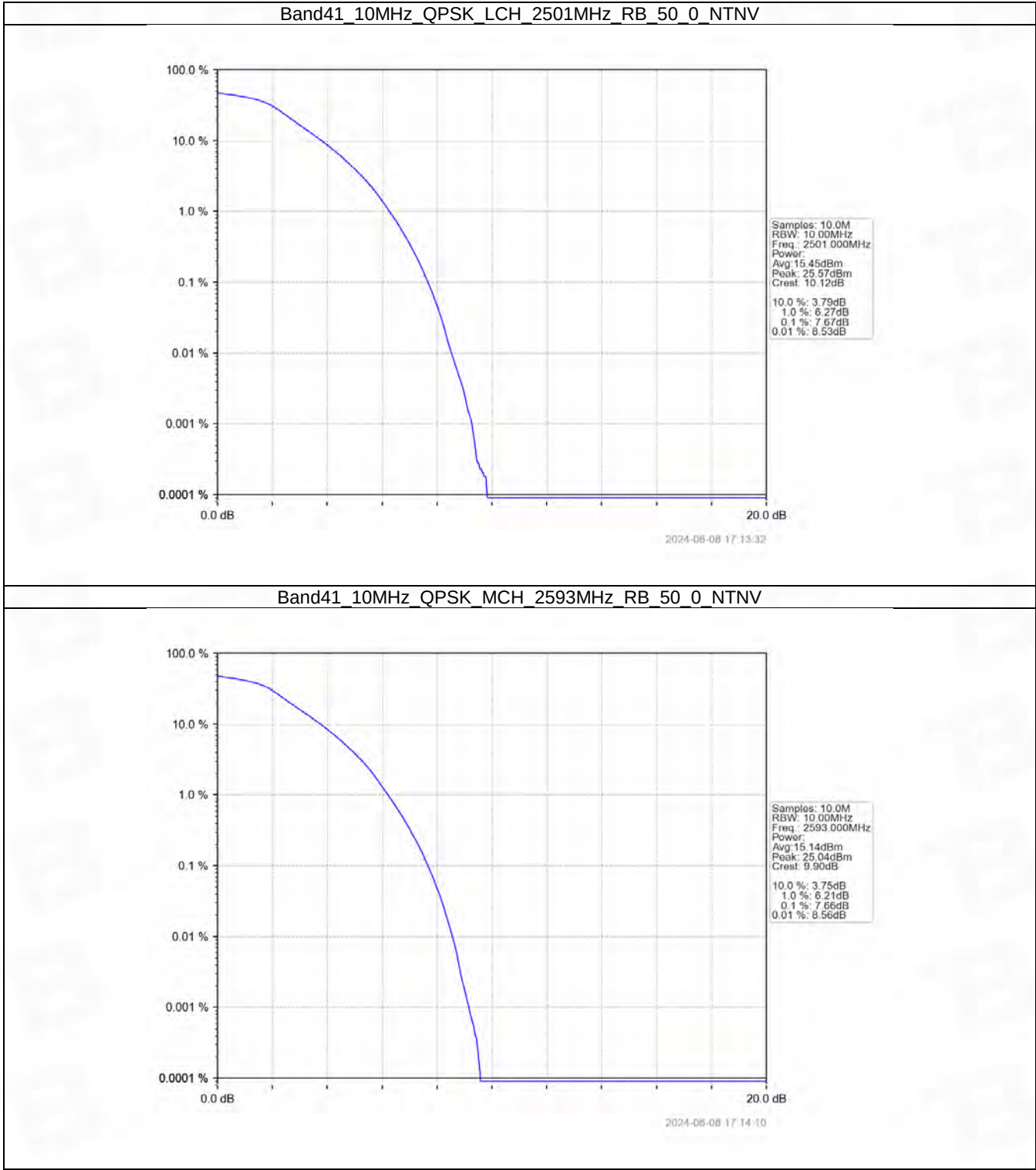


5.2 B41_10MHz

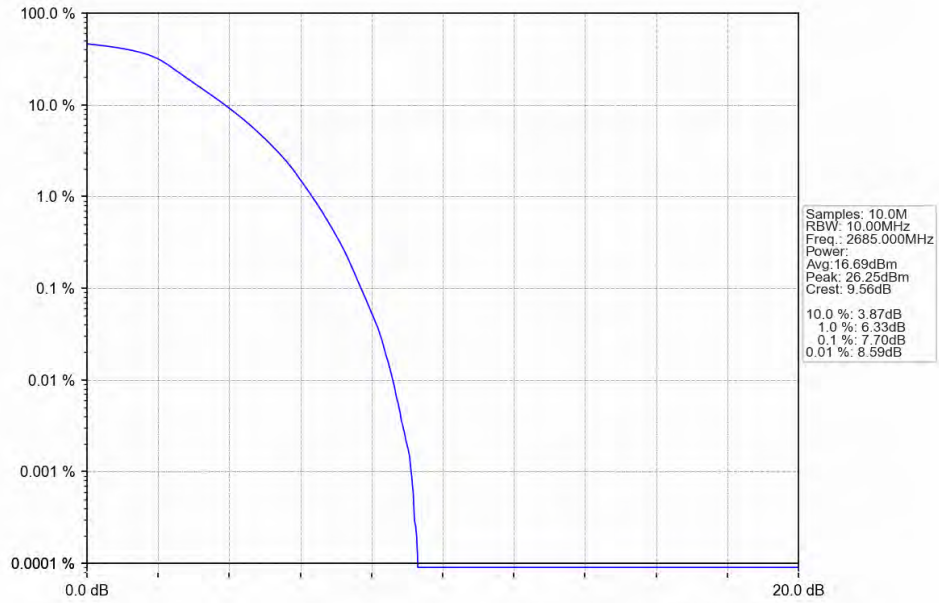
5.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.67	<=13	Pass
	2593	50	0	7.66	<=13	Pass
	2685	50	0	7.70	<=13	Pass
16QAM	2501	50	0	8.44	<=13	Pass
	2593	50	0	8.32	<=13	Pass
	2685	50	0	8.06	<=13	Pass

5.2.2 Test Graph

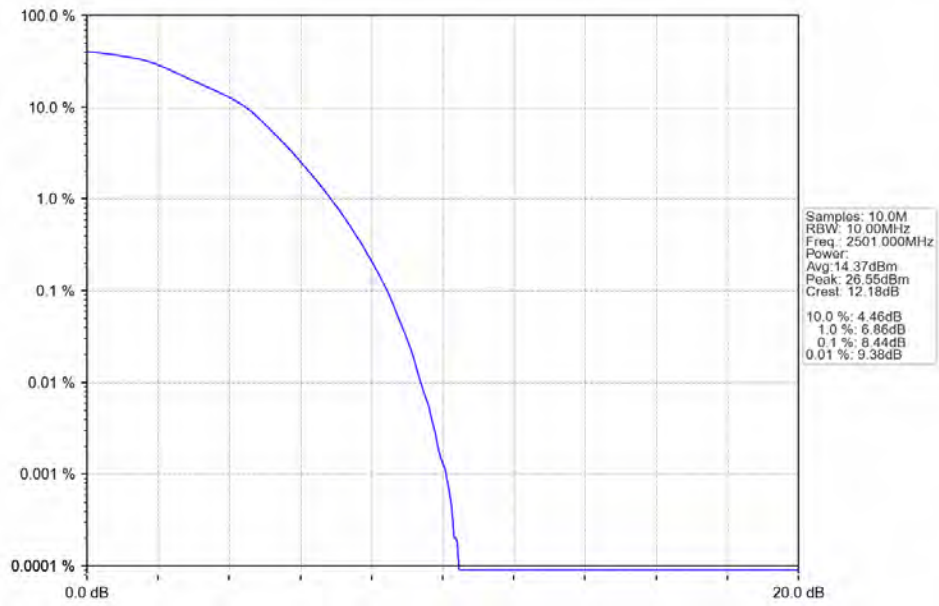


Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTNV



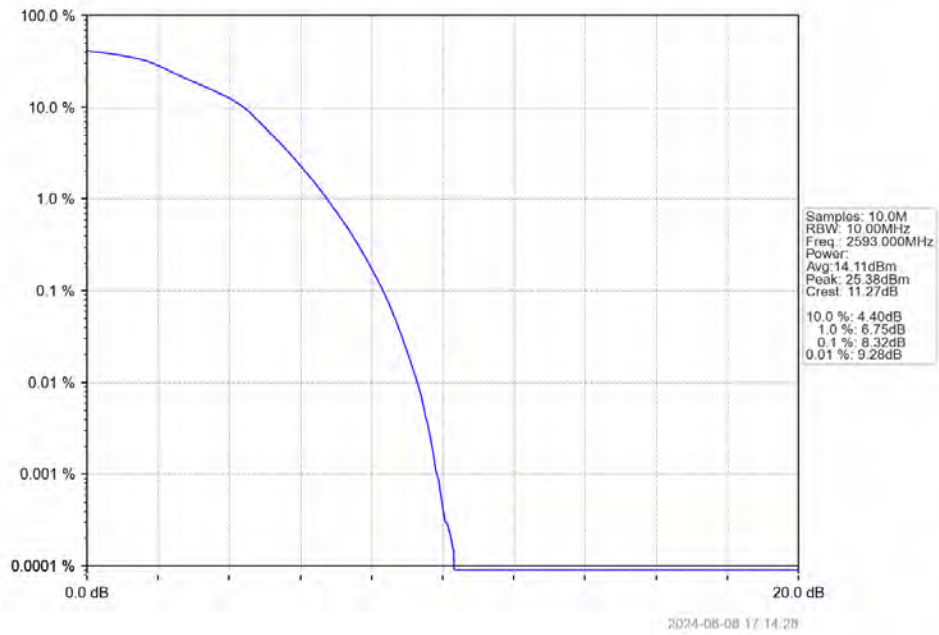
2024-06-08 17:14:47

Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTNV

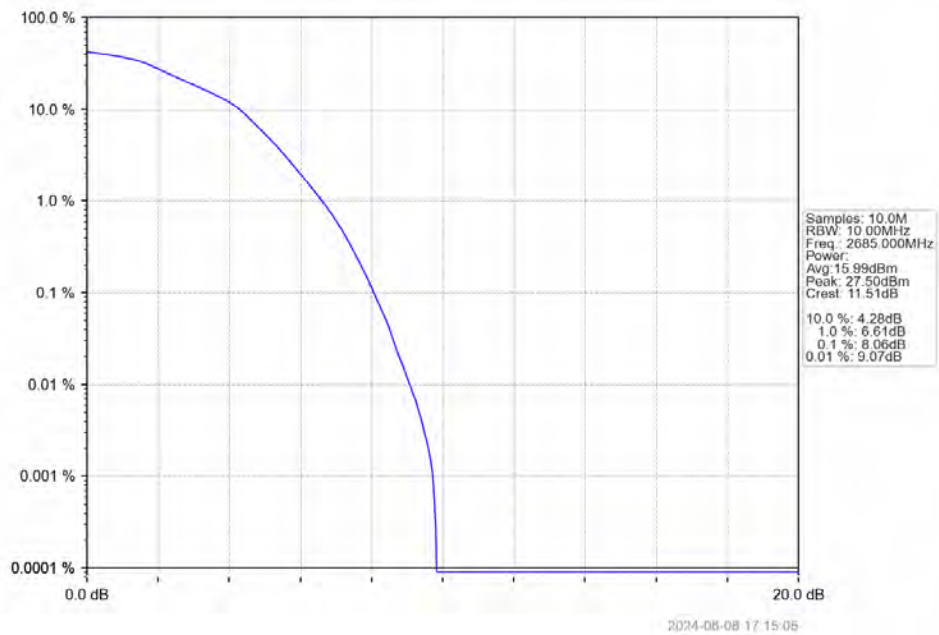


2024-06-08 17:13:51

Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTNV

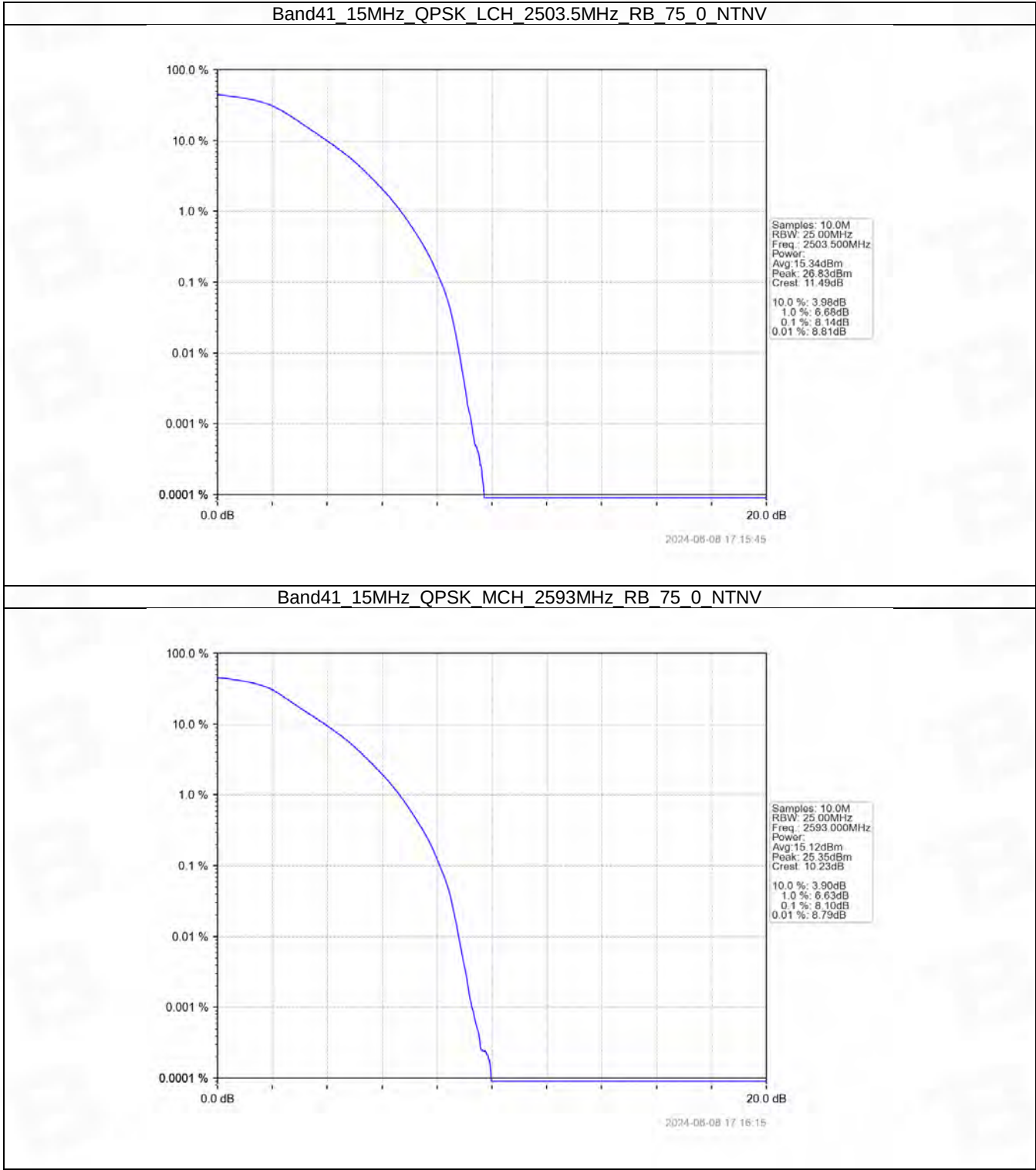


5.3 B41_15MHz

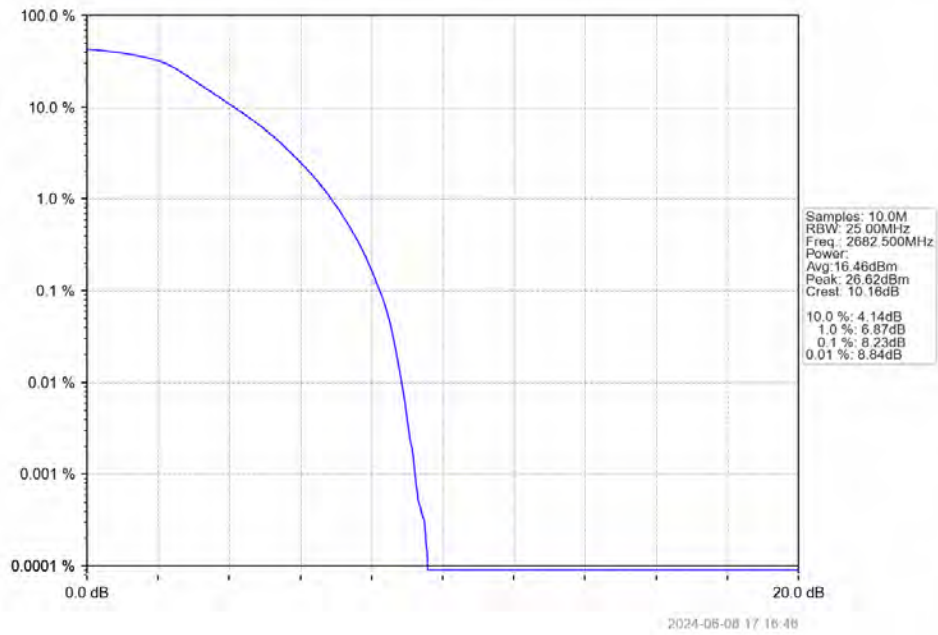
5.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	8.14	<=13	Pass
	2593	75	0	8.10	<=13	Pass
	2682.5	75	0	8.23	<=13	Pass
16QAM	2503.5	75	0	8.75	<=13	Pass
	2593	75	0	8.73	<=13	Pass
	2682.5	75	0	8.42	<=13	Pass

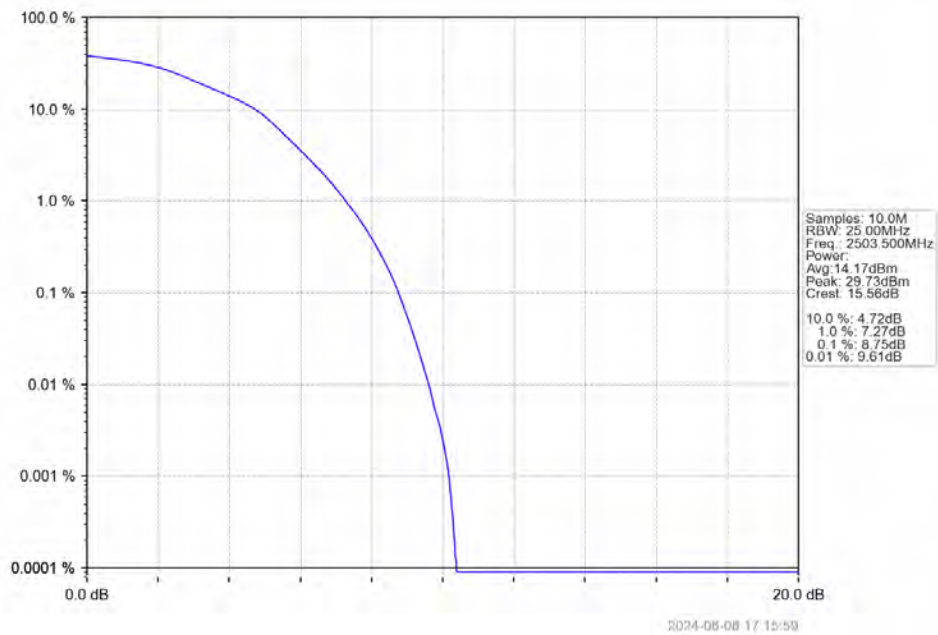
5.3.2 Test Graph



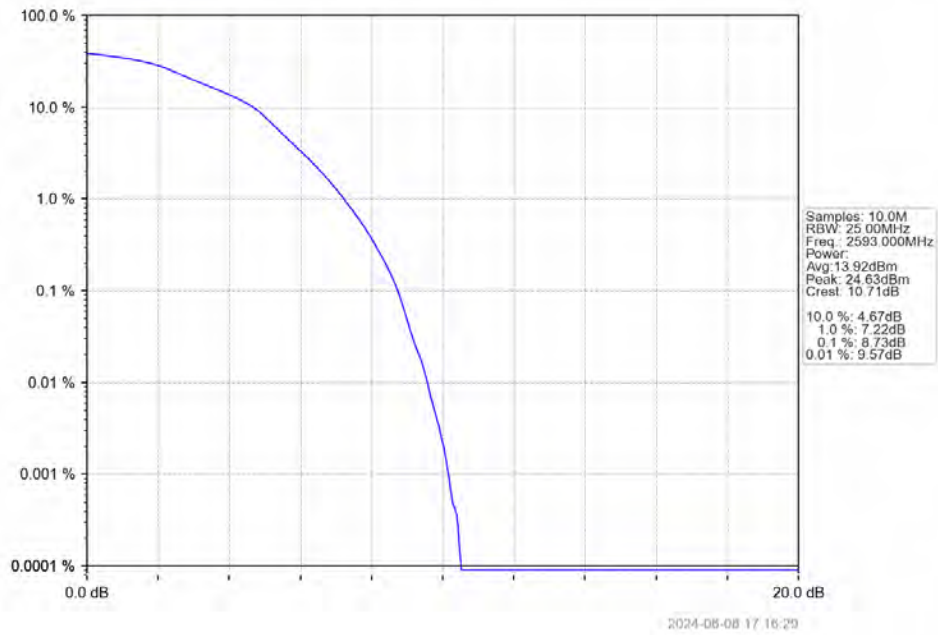
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTNV



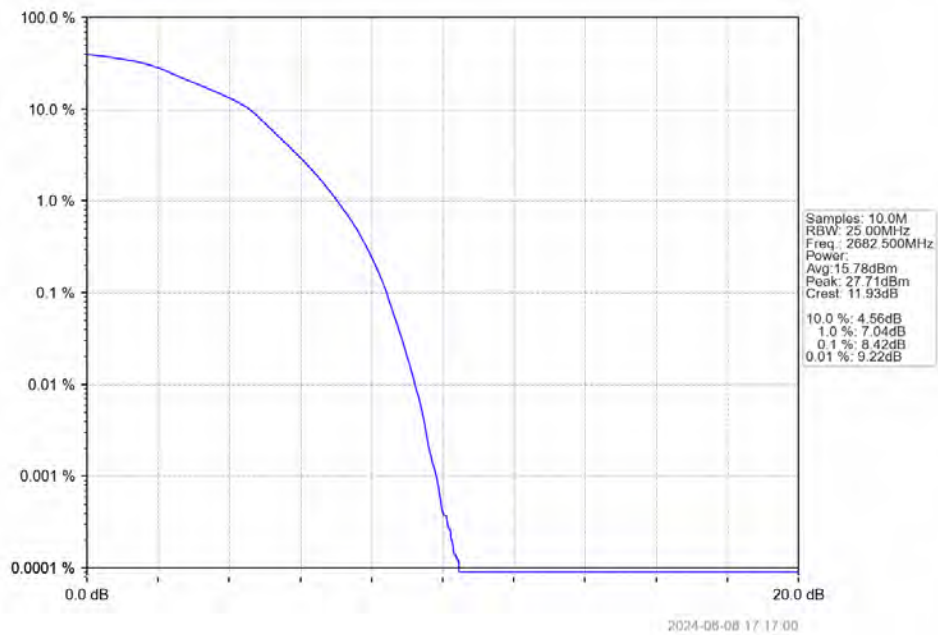
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTNV



Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



Band41 15MHz 16QAM HCH 2682.5MHz RB 75 0 NTNV

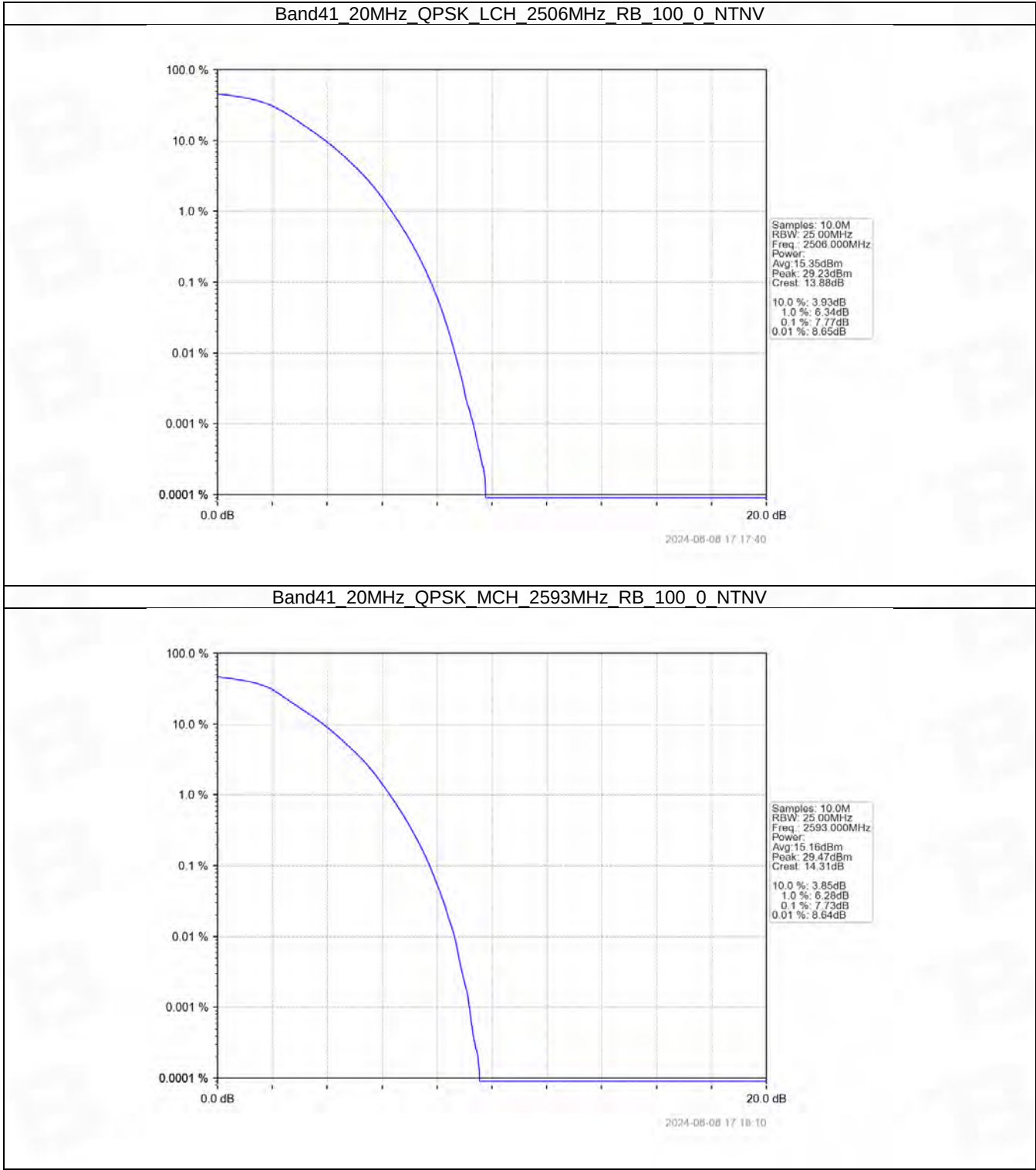


5.4 B41_20MHz

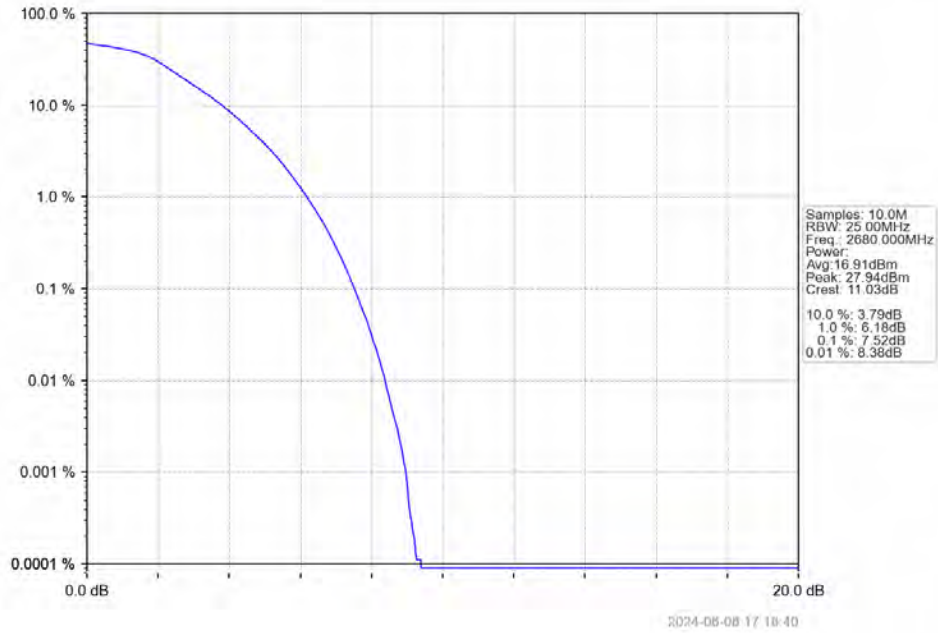
5.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.77	<=13	Pass
	2593	100	0	7.73	<=13	Pass
	2680	100	0	7.52	<=13	Pass
16QAM	2506	100	0	8.26	<=13	Pass
	2593	100	0	8.46	<=13	Pass
	2680	100	0	8.62	<=13	Pass

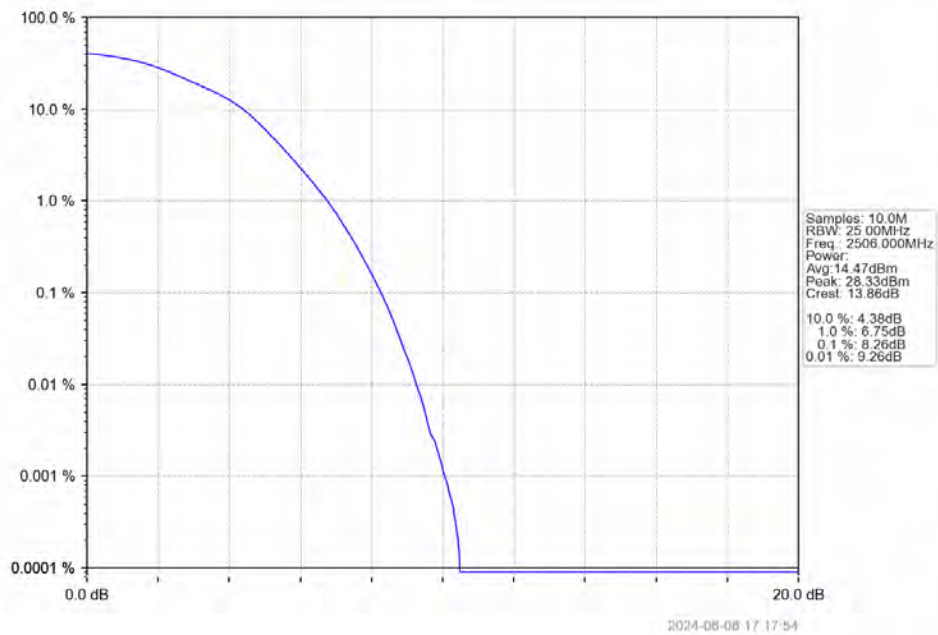
5.4.2 Test Graph



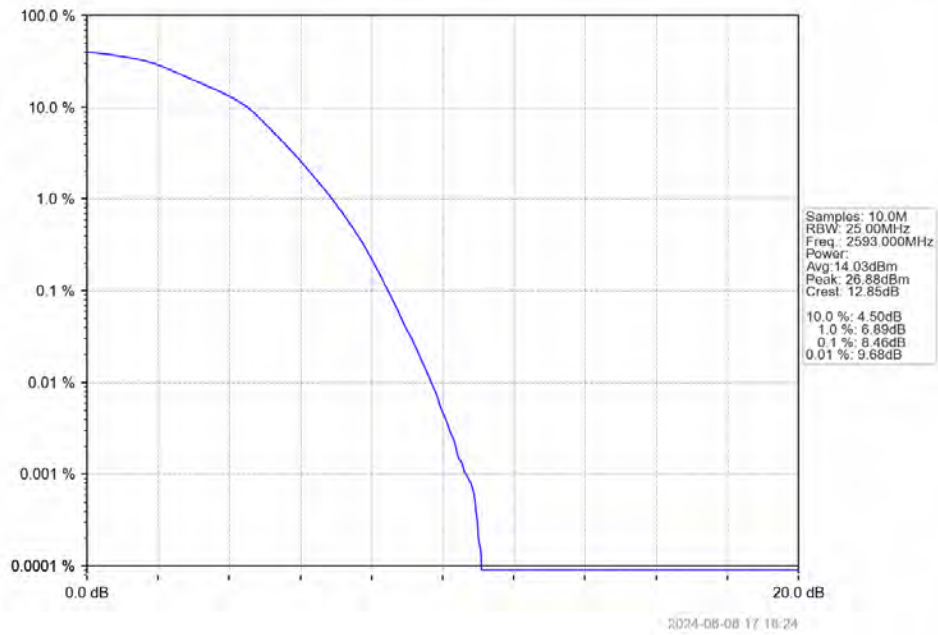
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



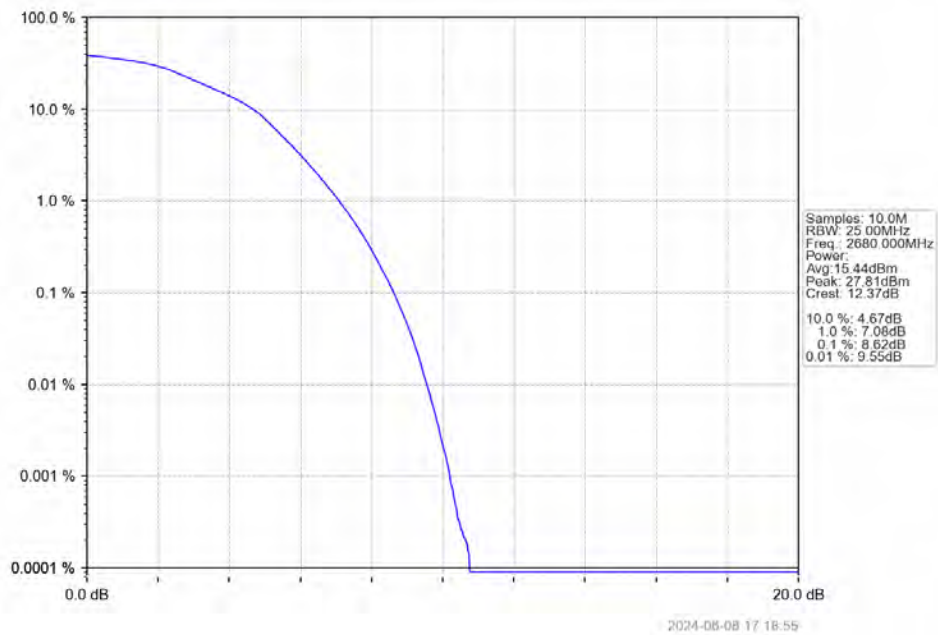
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTNV



Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTNV



Band41 20MHz 16QAM HCH 2680MHz RB 100 0 NTNV



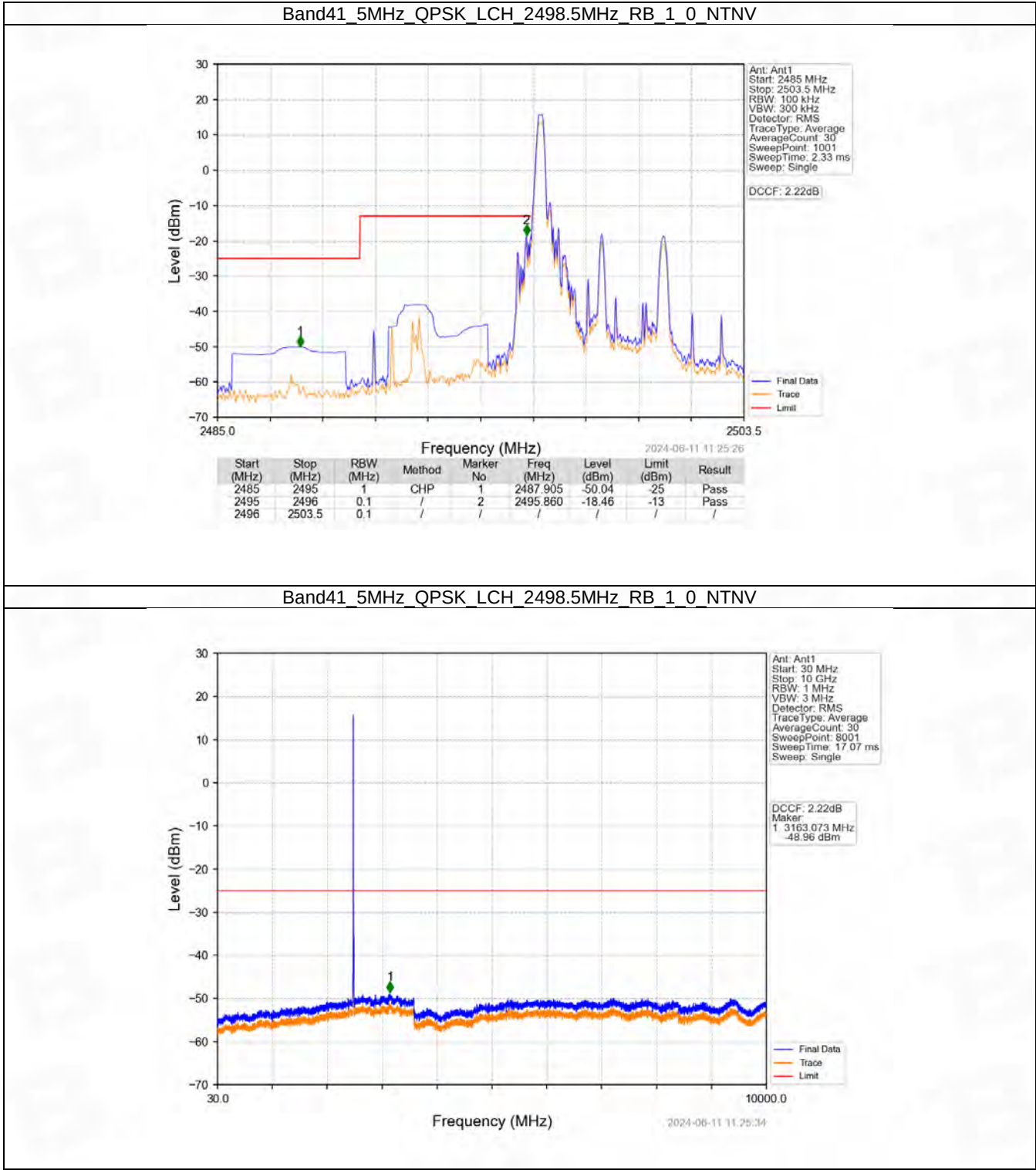
6. Spurious Emission

6.1 B41_5MHz

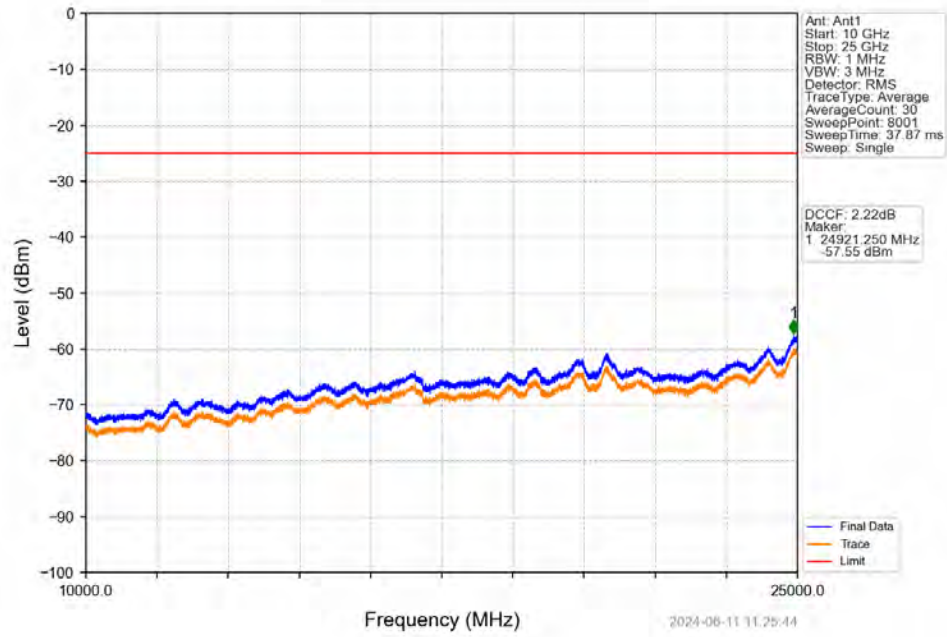
6.1.1 Test Result

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
	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

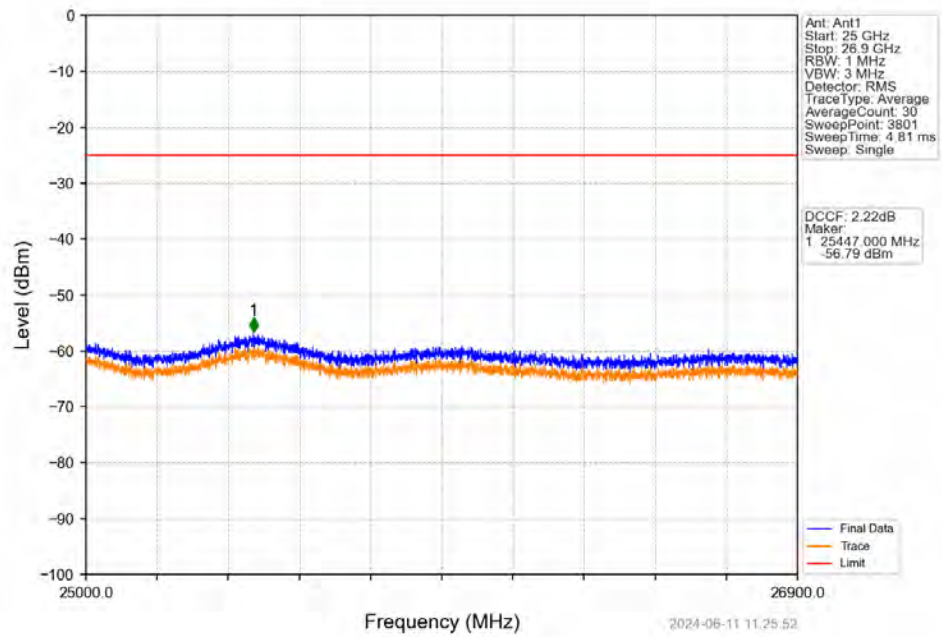
6.1.2 Test Graph



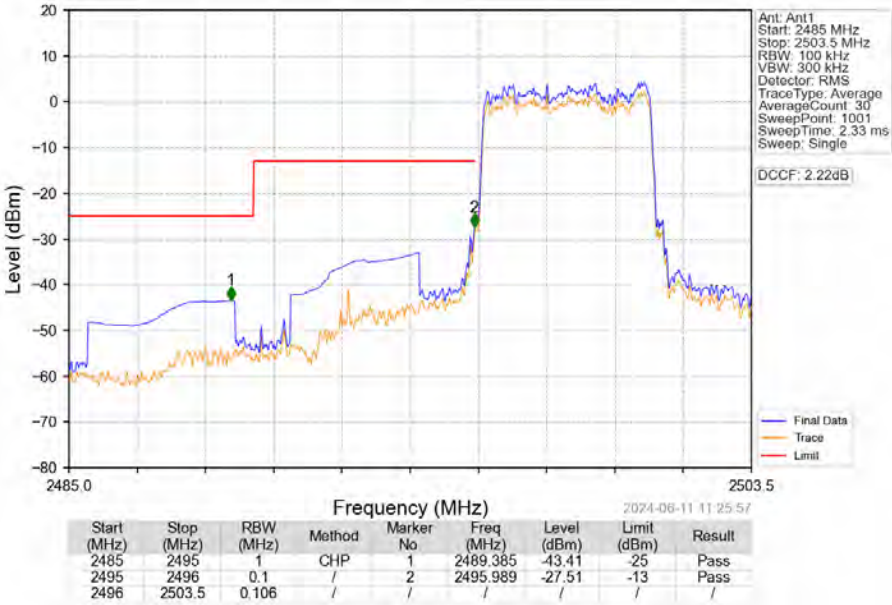
Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV



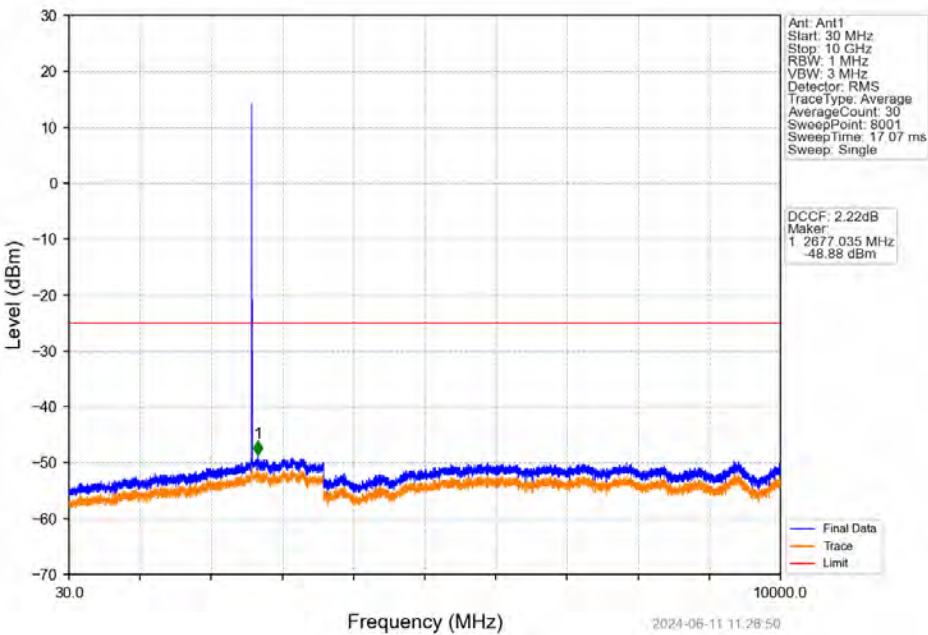
Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV



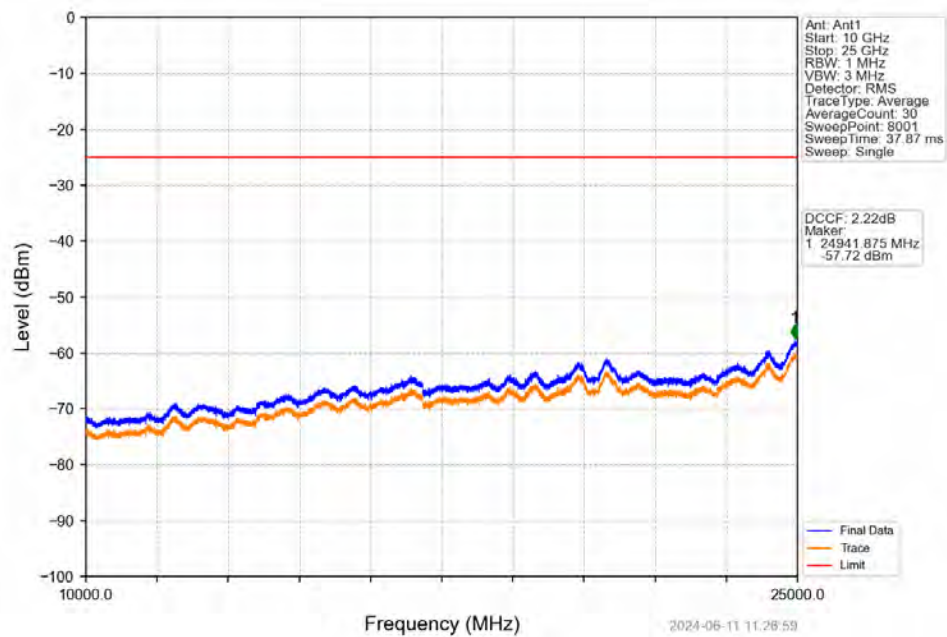
Band41 5MHz QPSK LCH 2498.5MHz RB 25 0 NTNV



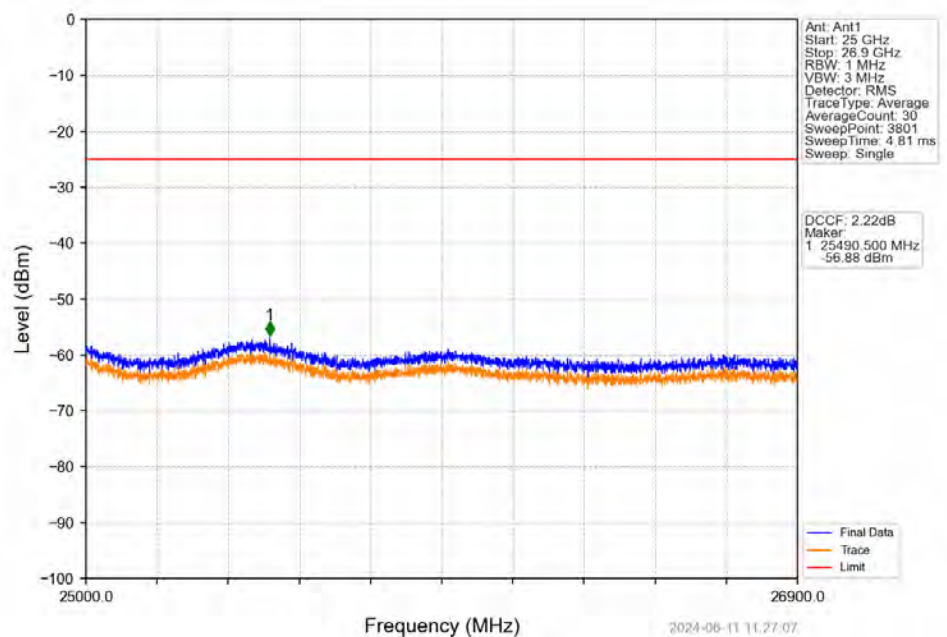
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTNV



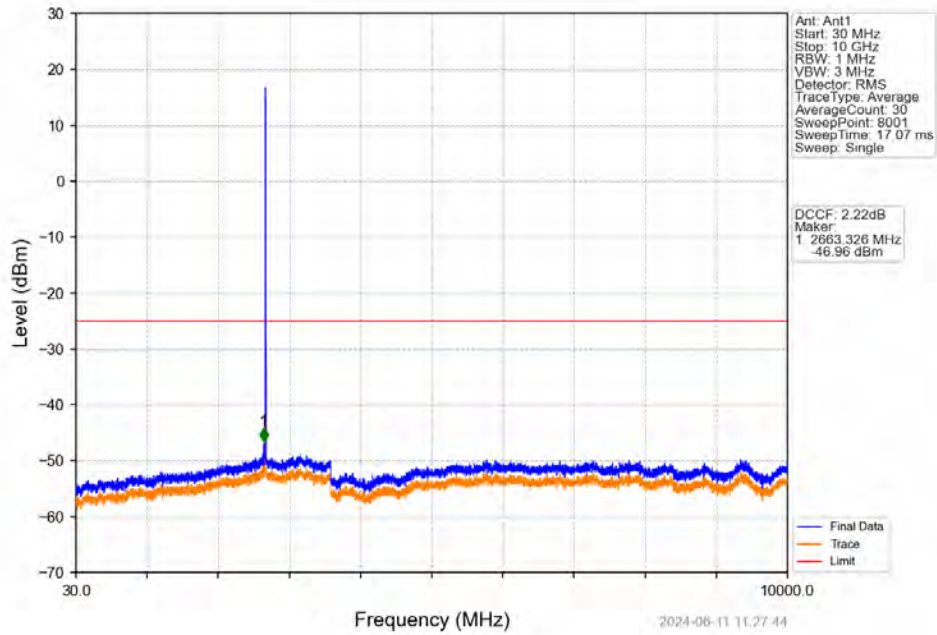
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



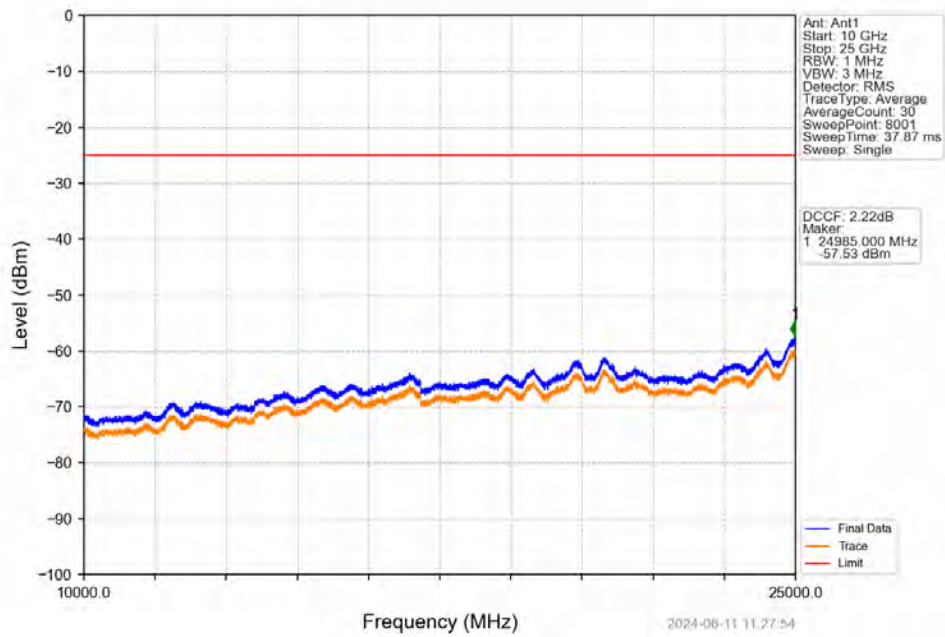
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



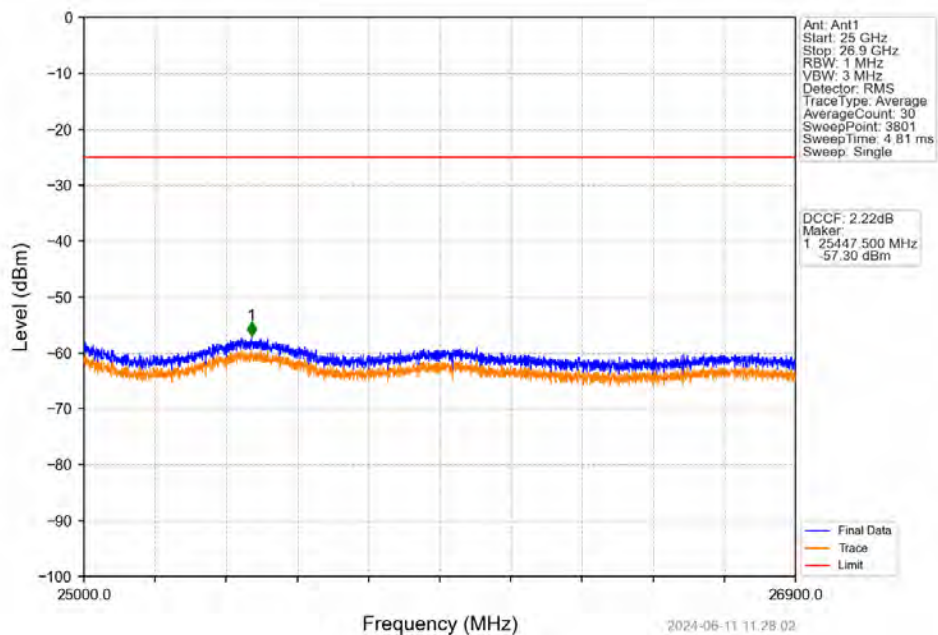
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTNV



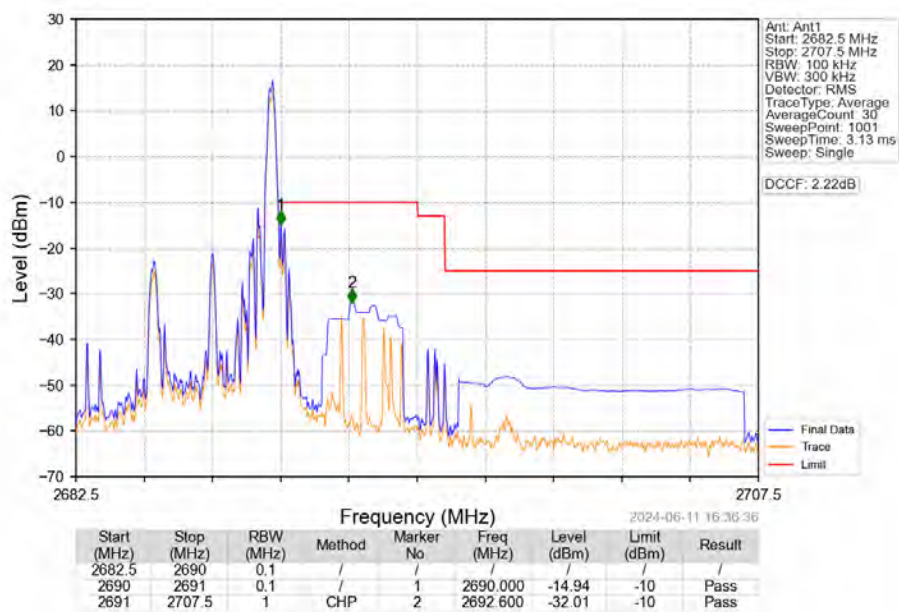
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTNV



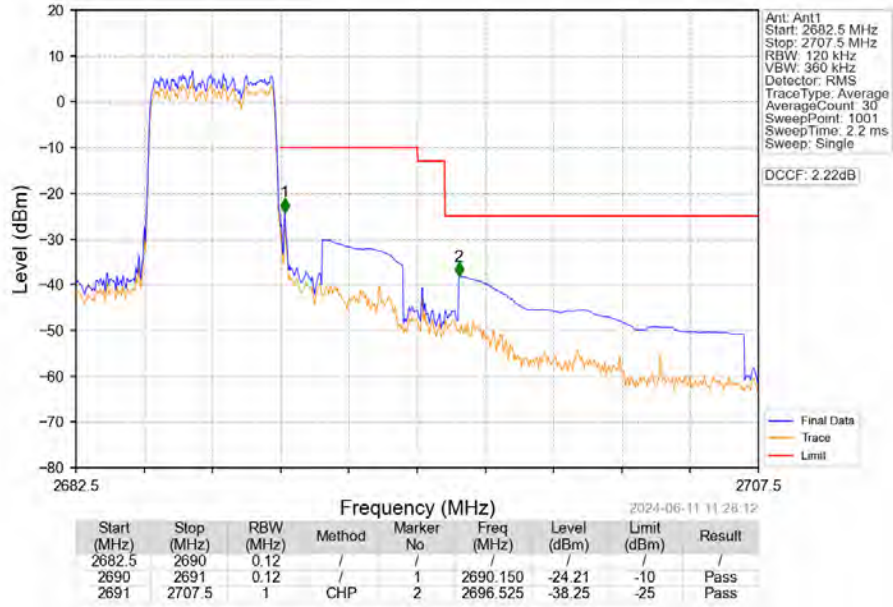
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTNV



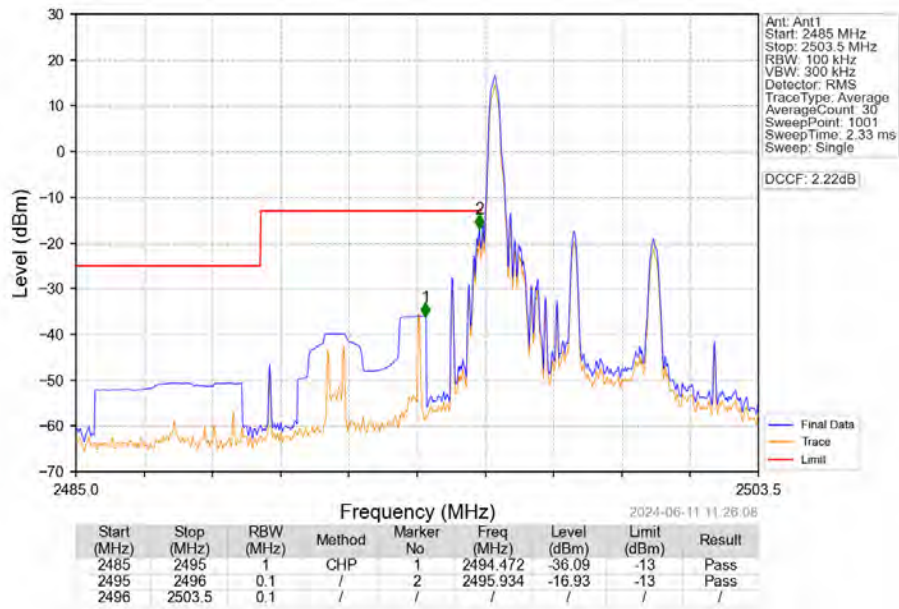
Band41 5MHz QPSK HCH 2687.5MHz RB 1 24 NTNV



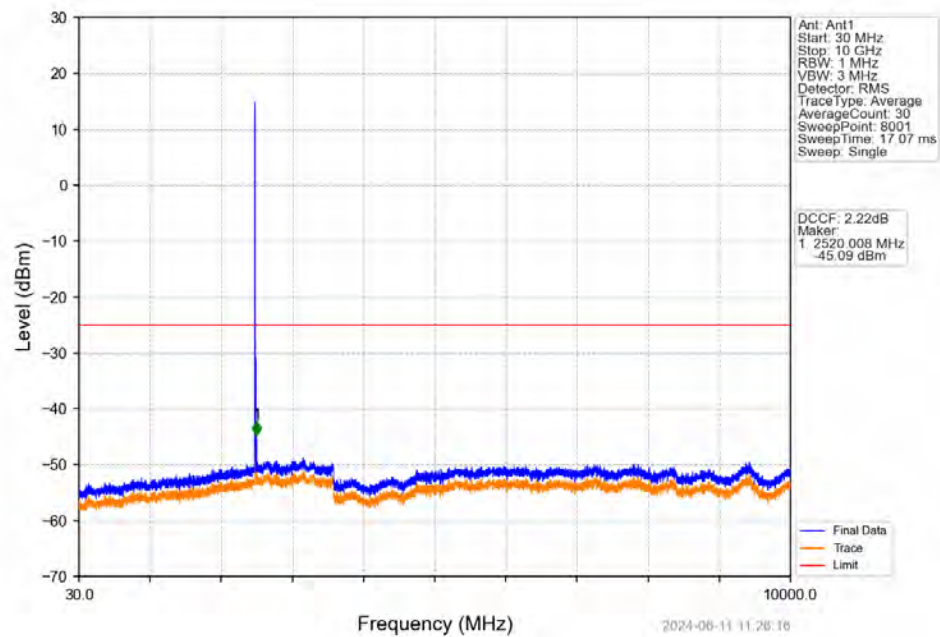
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



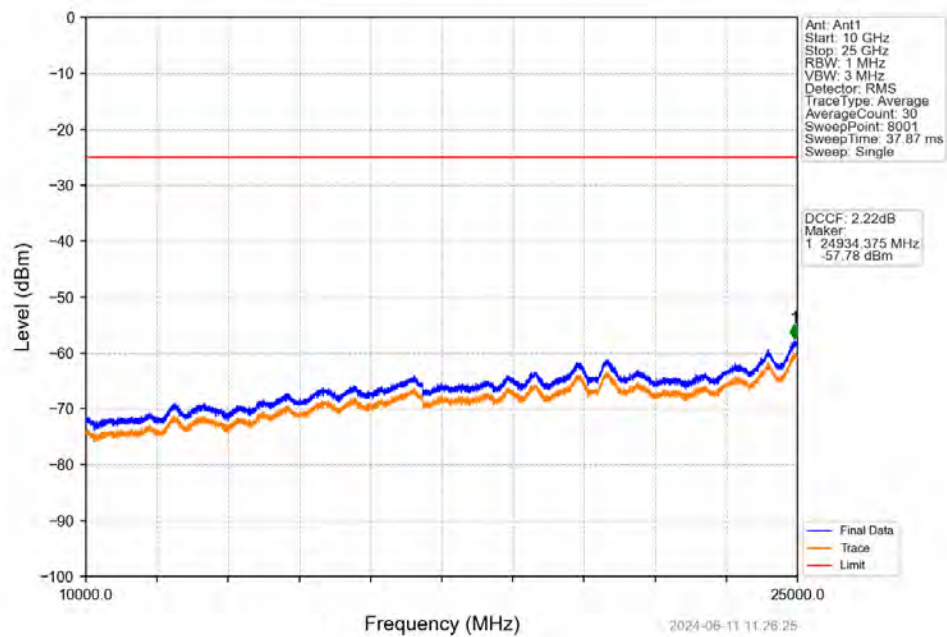
Band41 5MHz 16QAM LCH 2498.5MHz RB 1 0 NTNV



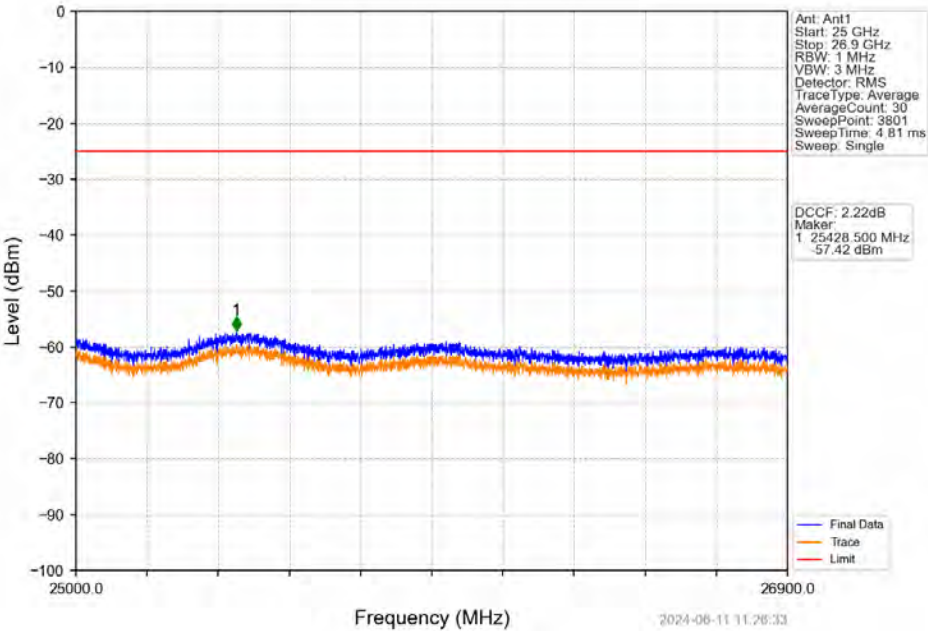
Band41 5MHz 16QAM LCH 2498.5MHz RB 1 0 NTNV



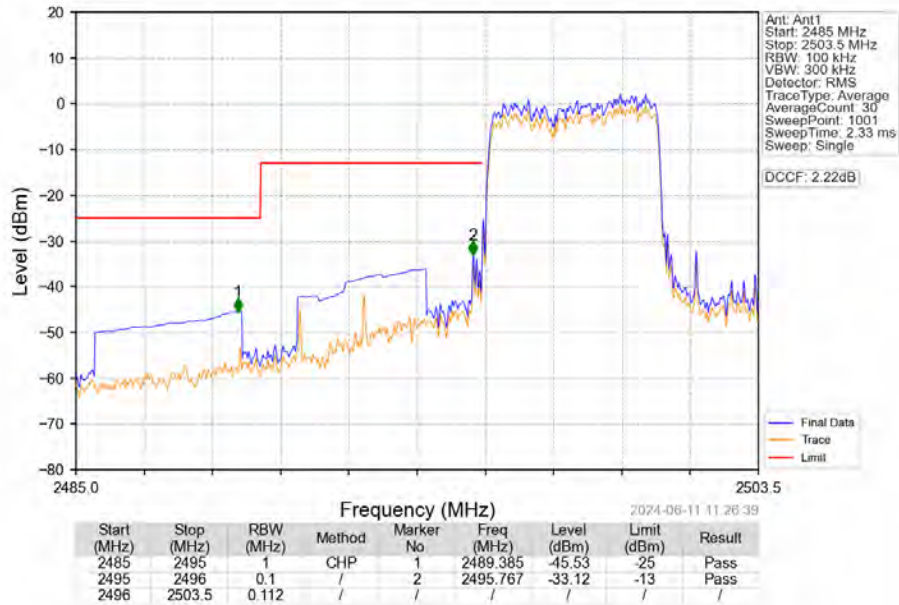
Band41 5MHz 16QAM LCH 2498.5MHz RB 1 0 NTNV



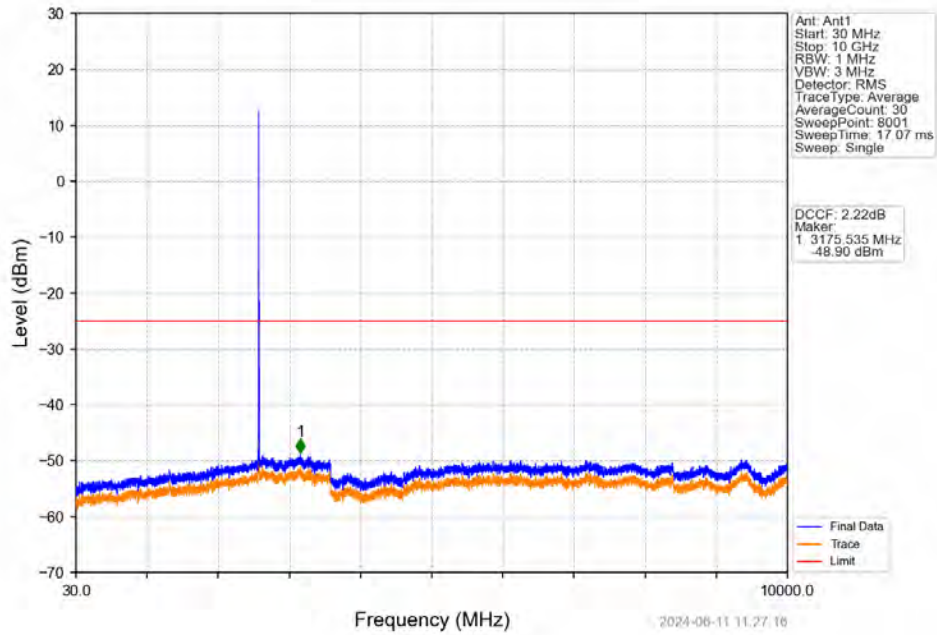
Band41 5MHz 16QAM LCH 2498.5MHz RB 1 0 NTV



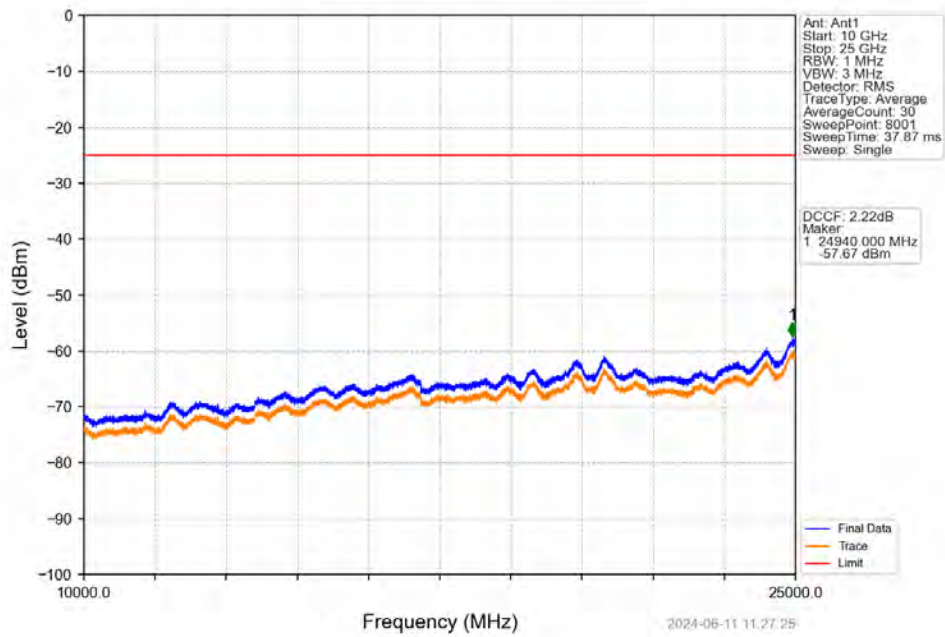
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTV



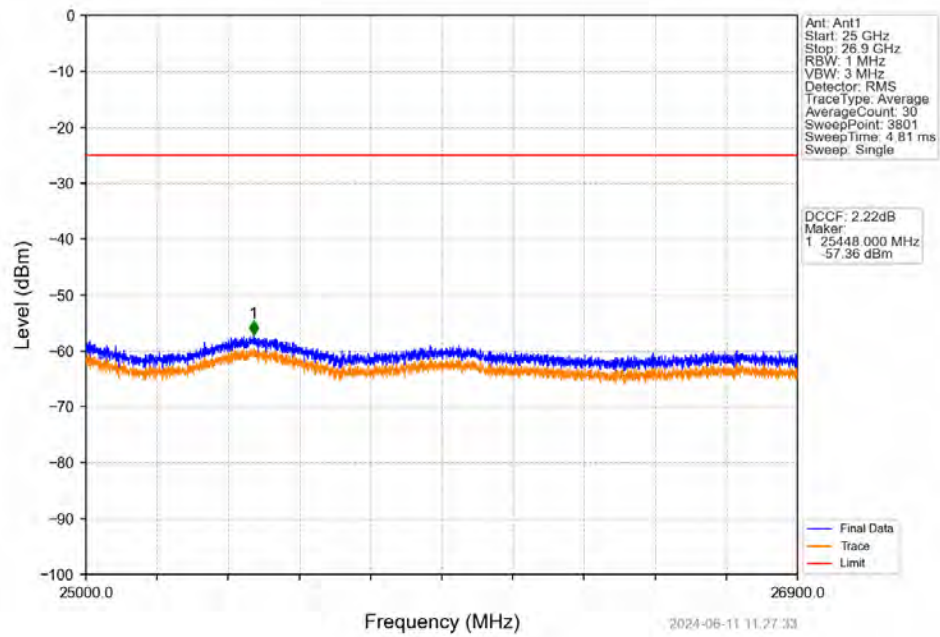
Band41 5MHz 16QAM MCH 2593MHz RB 1 0 NTNV



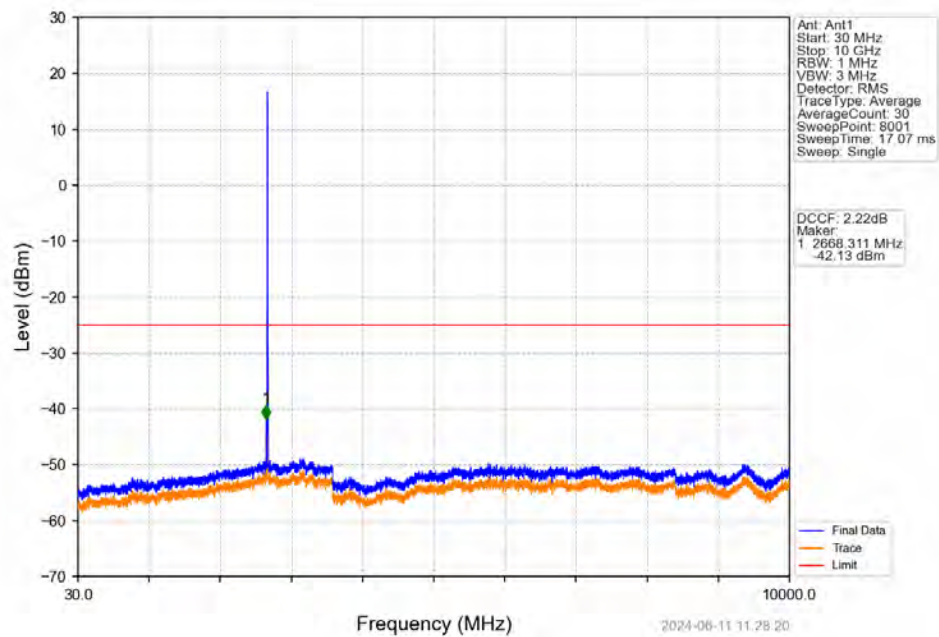
Band41 5MHz 16QAM MCH 2593MHz RB 1 0 NTNV



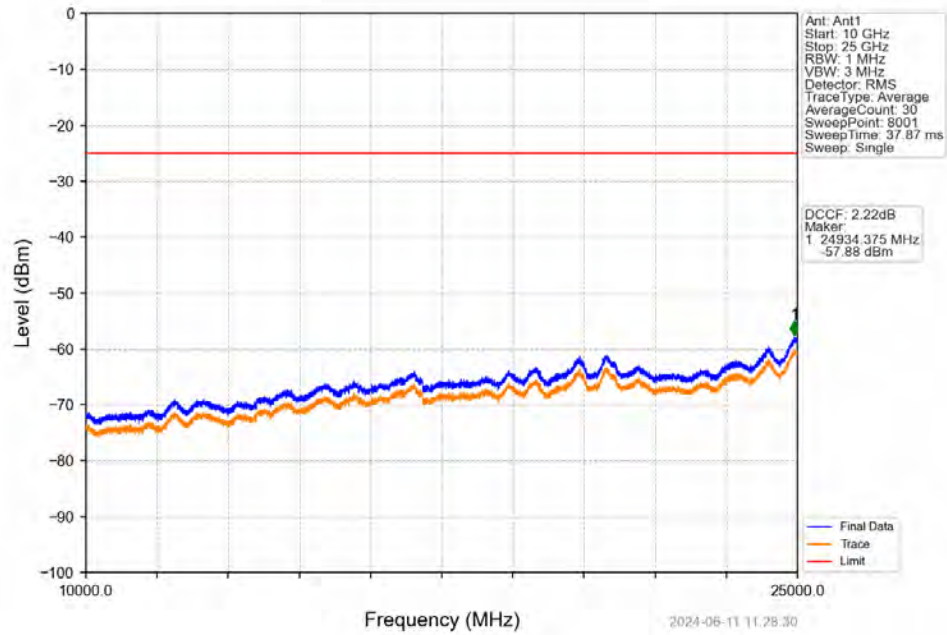
Band41 5MHz 16QAM MCH 2593MHz RB 1 0 NTNV



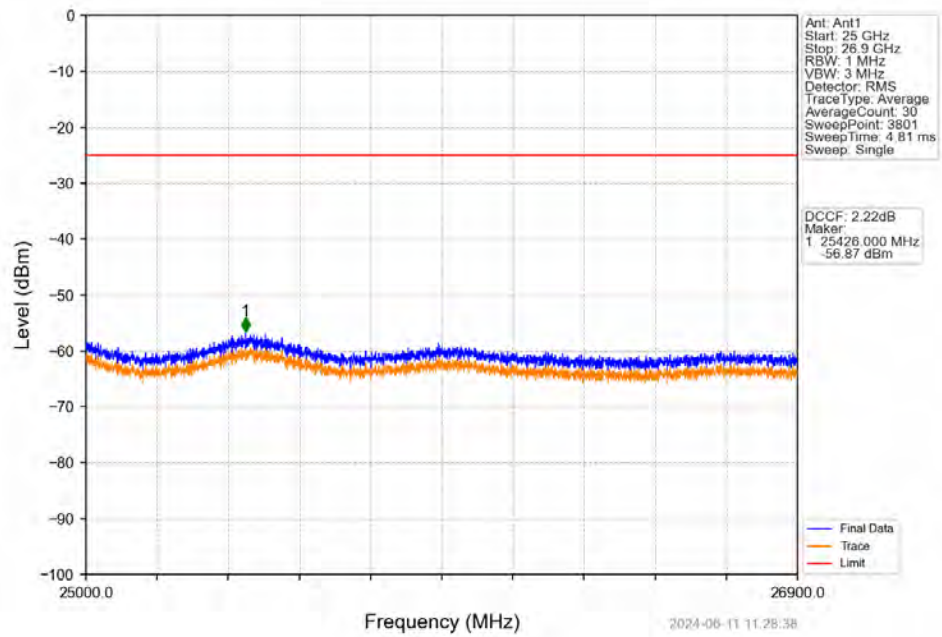
Band41 5MHz 16QAM HCH 2687.5MHz RB 1 0 NTNV



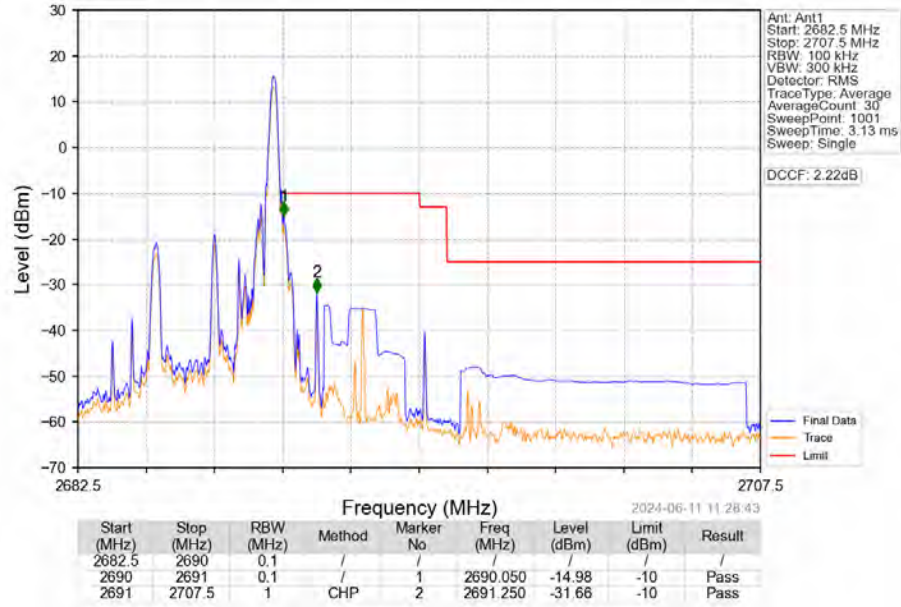
Band41 5MHz 16QAM HCH 2687.5MHz RB 1 0 NTV



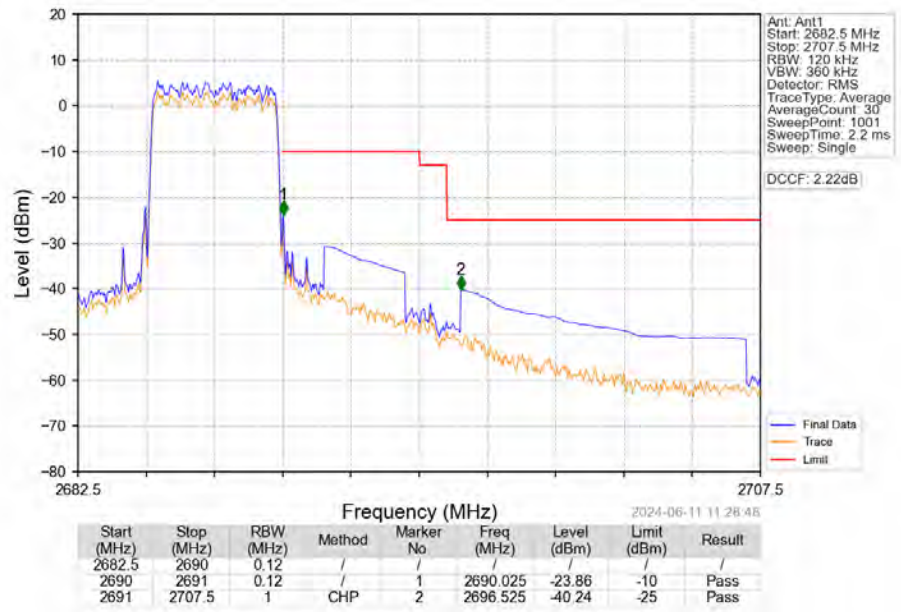
Band41 5MHz 16QAM HCH 2687.5MHz RB 1 0 NTV



Band41 5MHz 16QAM HCH 2687.5MHz RB 1 24 NTNV



Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTNV

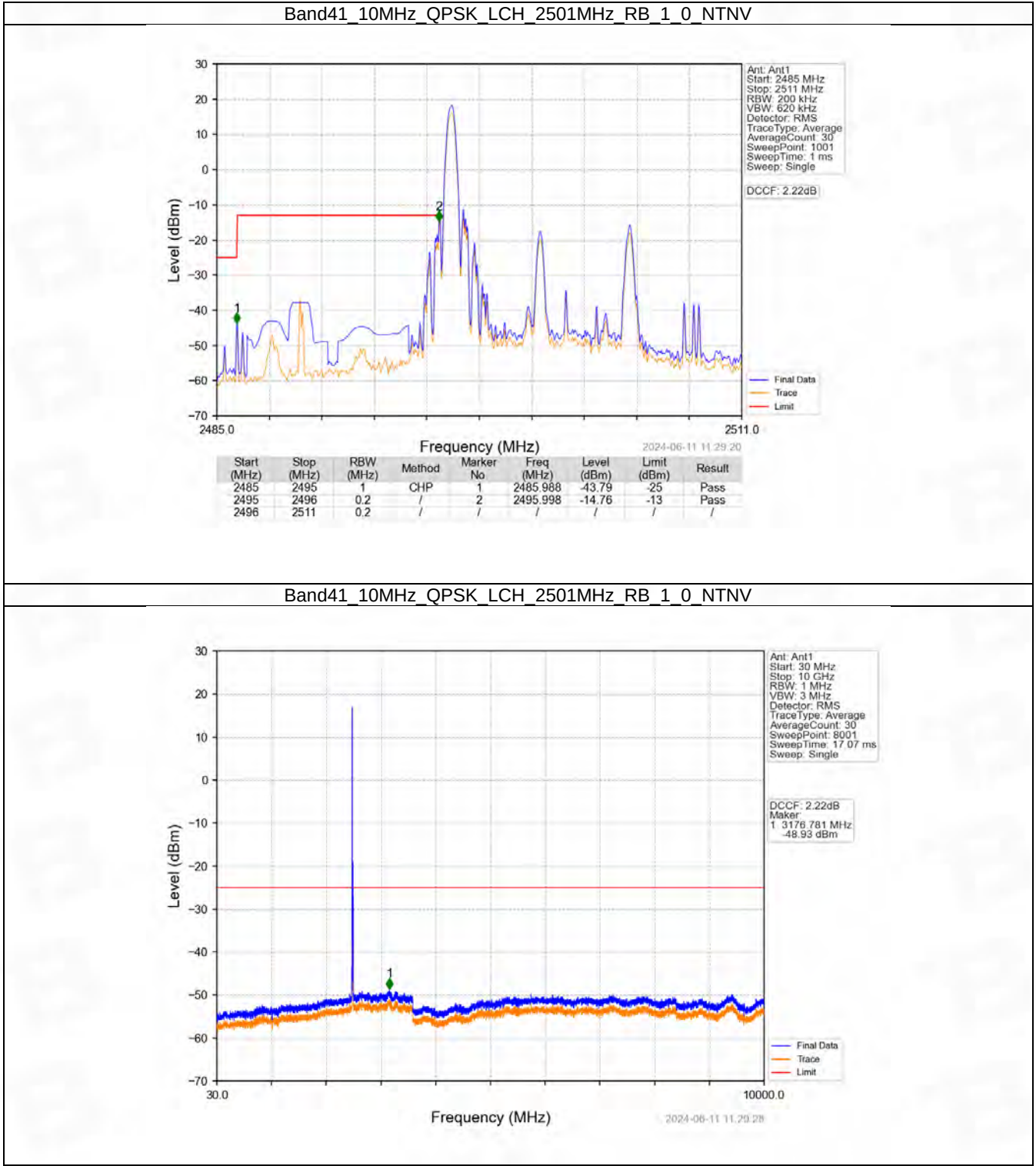


6.2 B41_10MHz

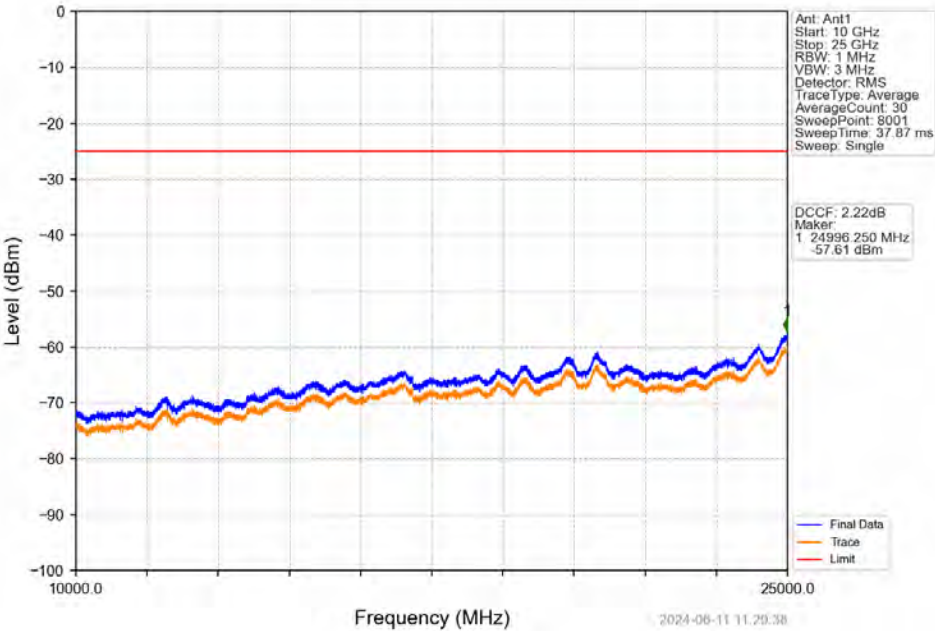
6.2.1 Test Result

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

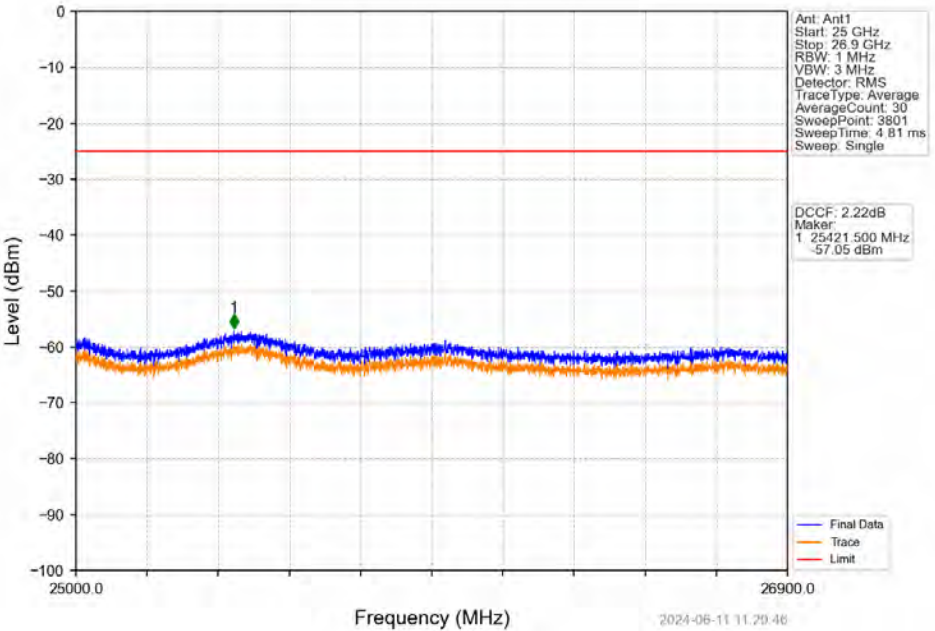
6.2.2 Test Graph



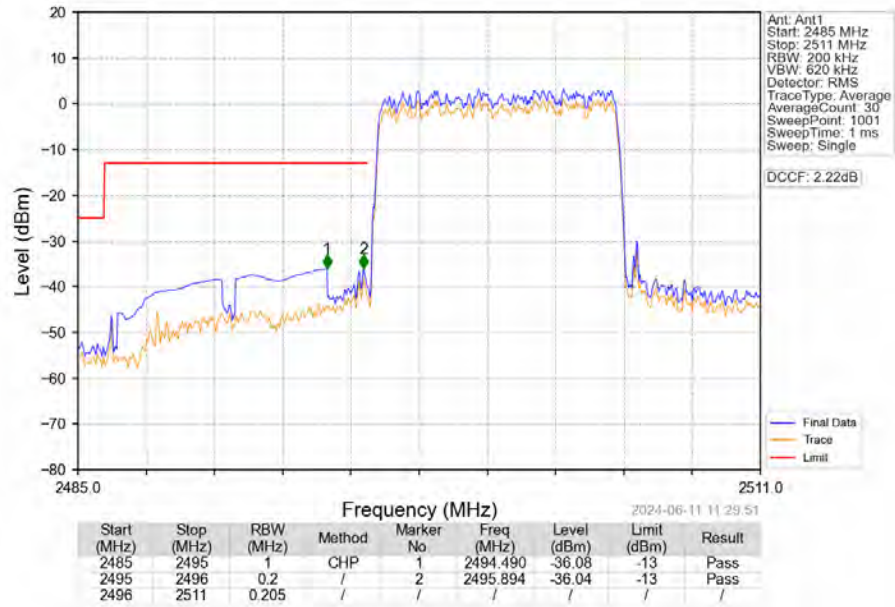
Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTN



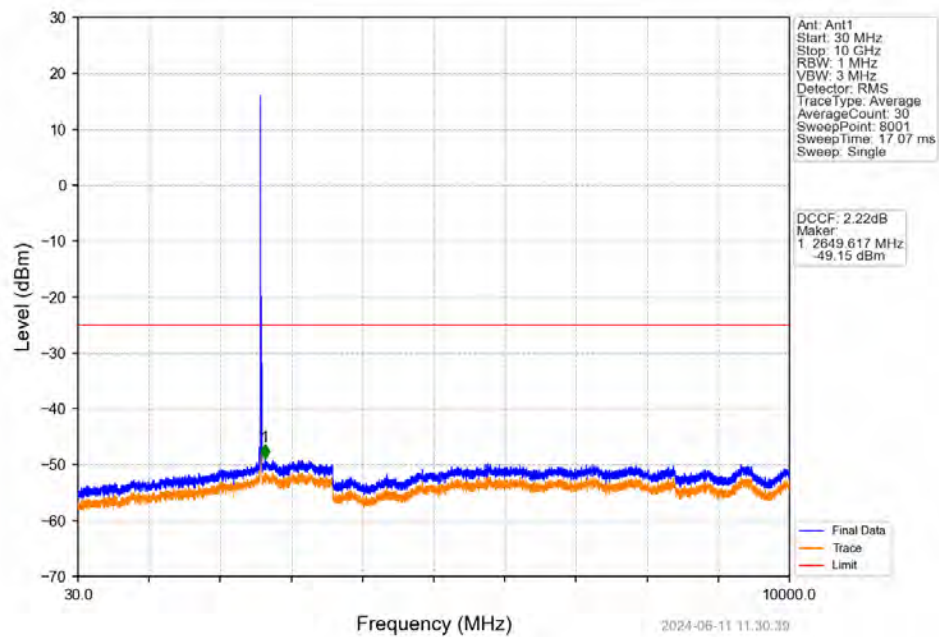
Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTN



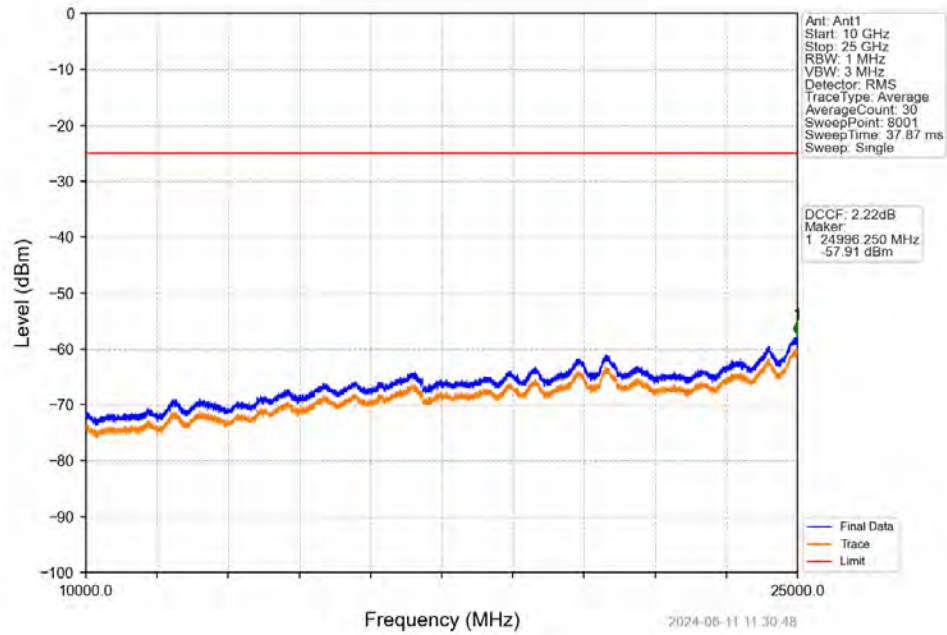
Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTNV



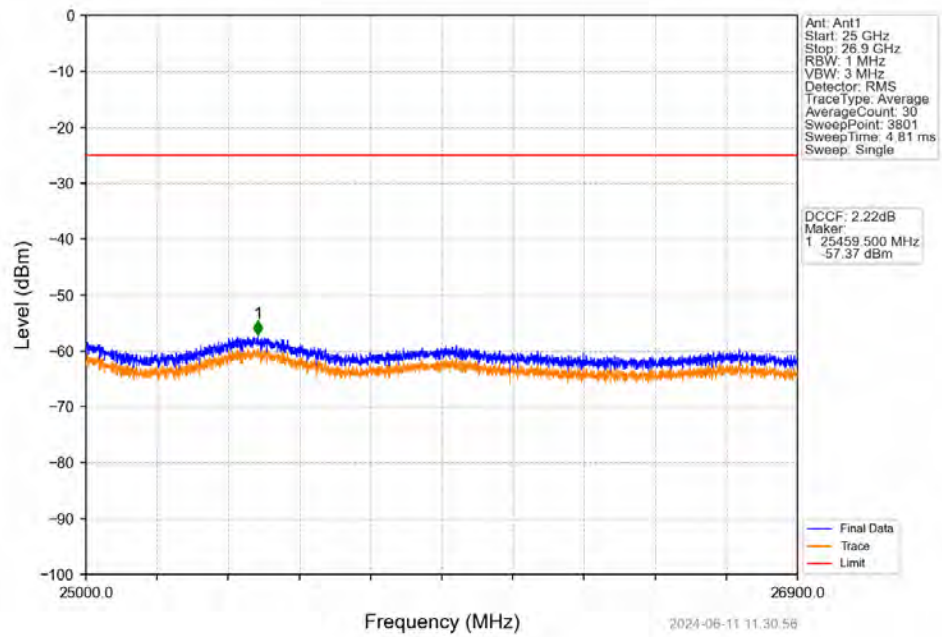
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTNV



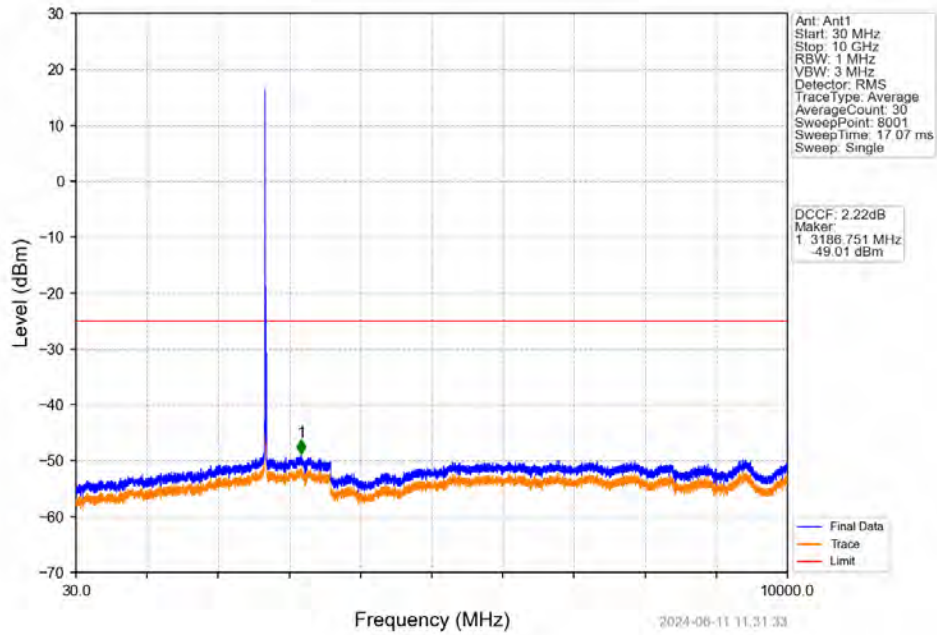
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTNV



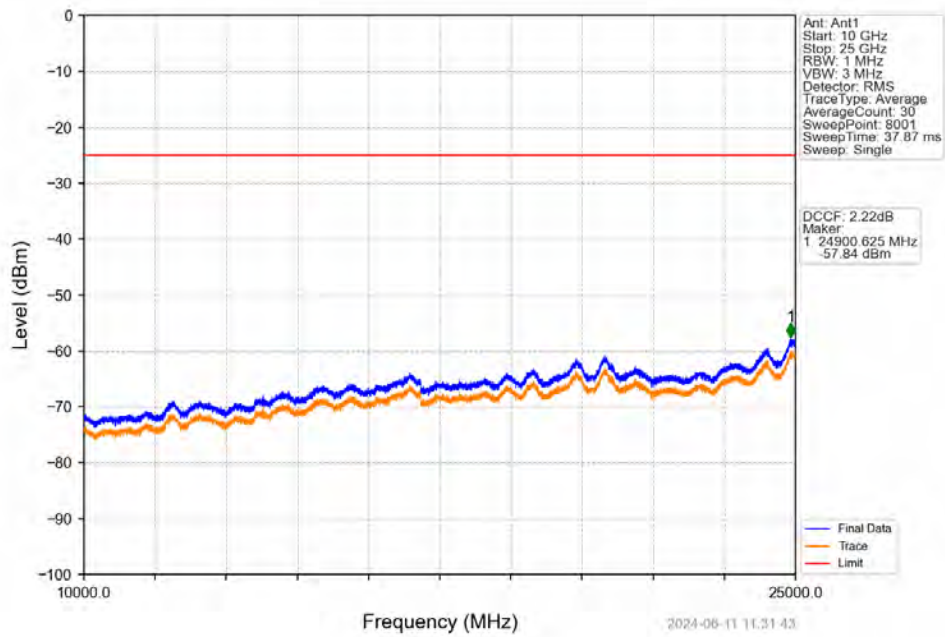
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTNV



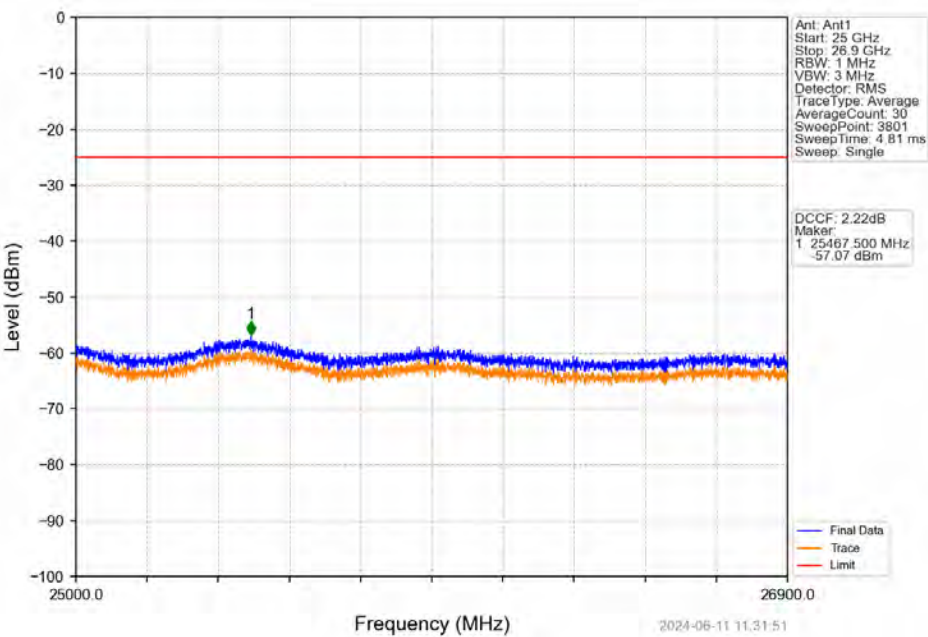
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTN



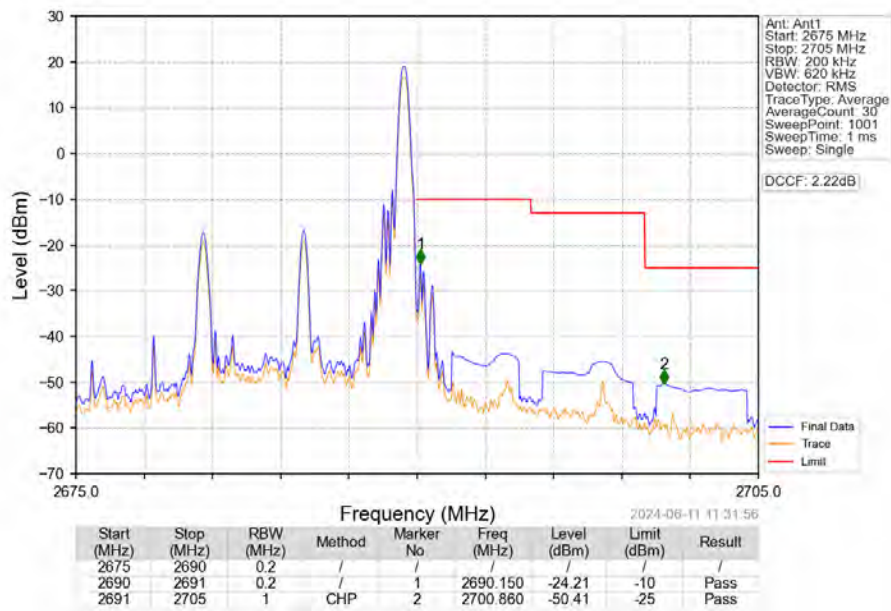
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTN



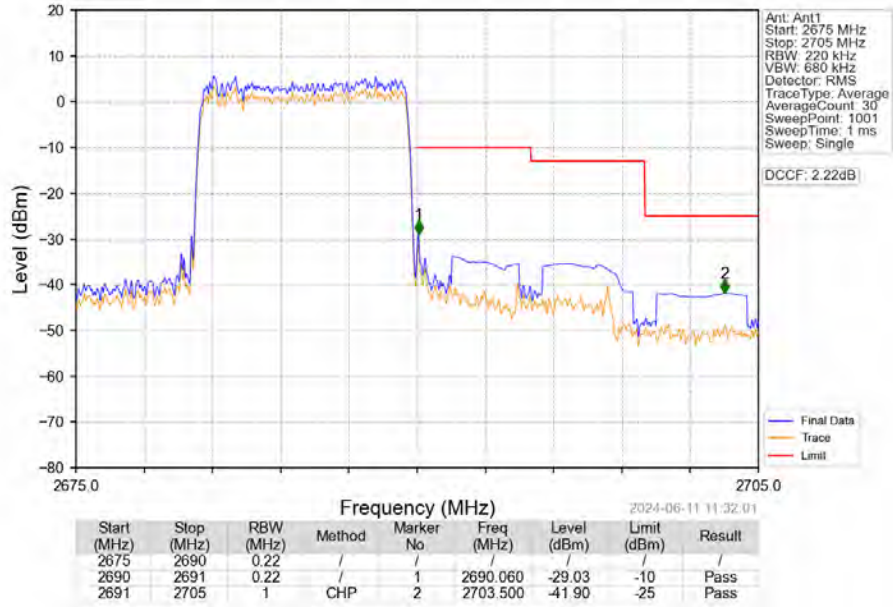
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTNV



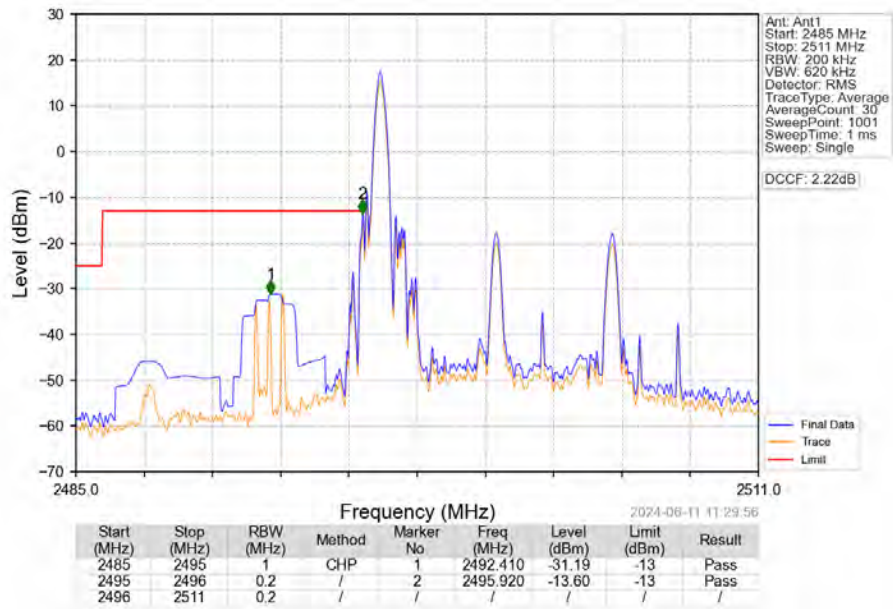
Band41 10MHz QPSK HCH 2685MHz RB 1 49 NTNV



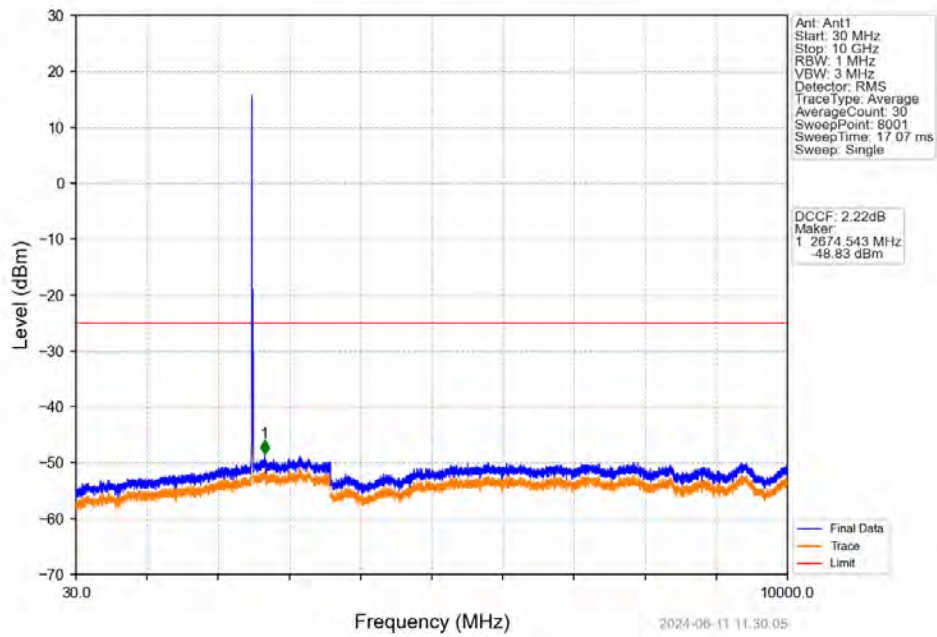
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV



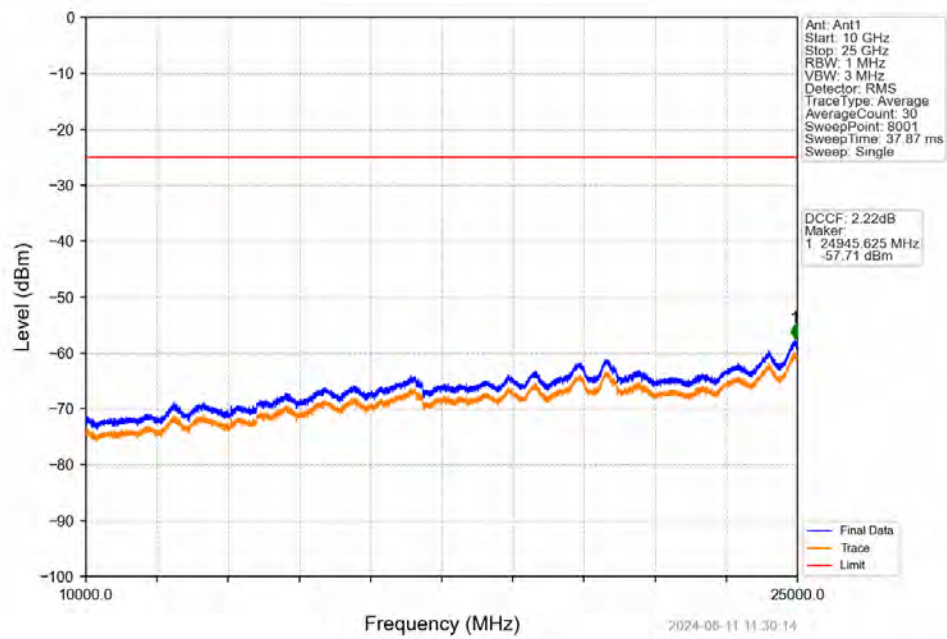
Band41 10MHz 16QAM LCH 2501MHz RB 1 0 NTV



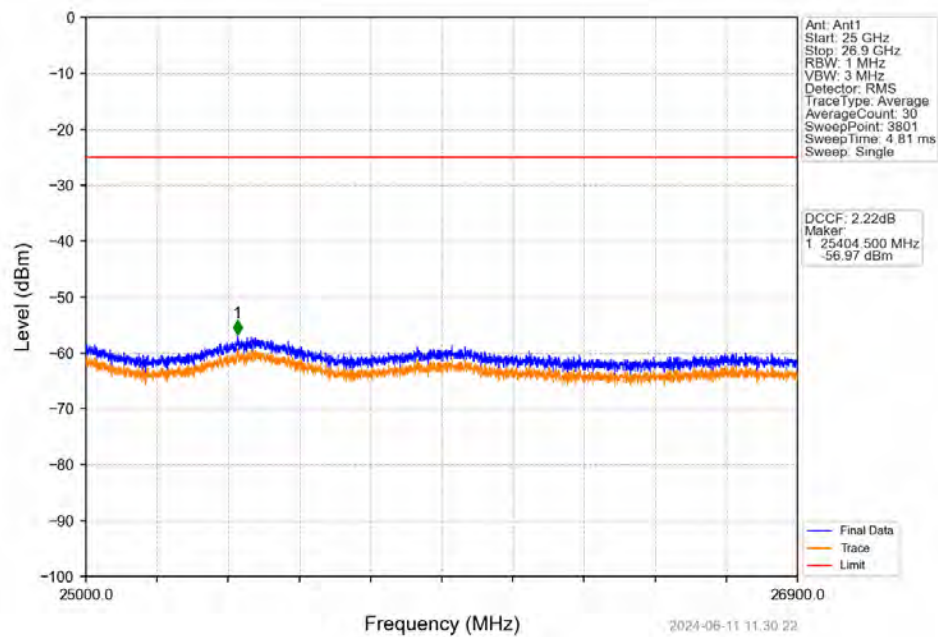
Band41 10MHz 16QAM LCH 2501MHz RB 1 0 NTNV



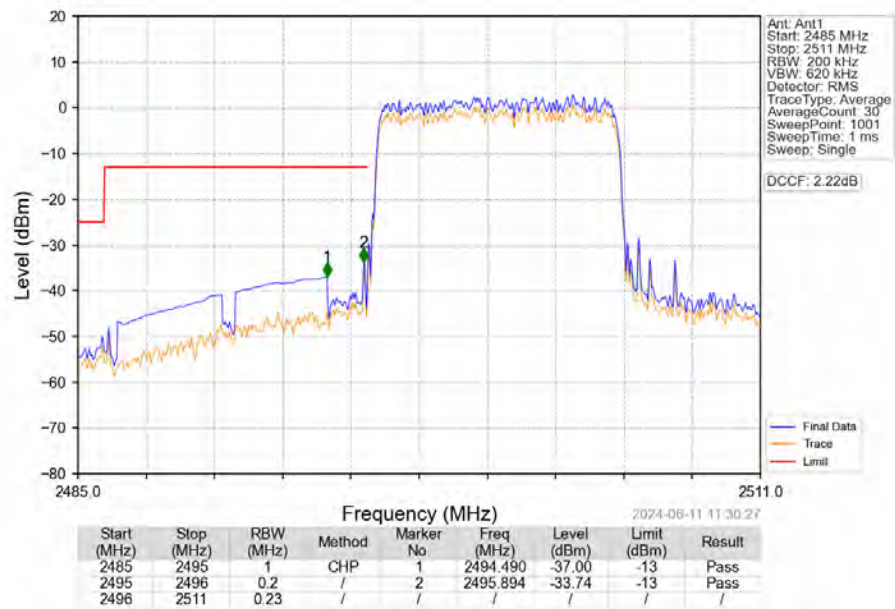
Band41 10MHz 16QAM LCH 2501MHz RB 1 0 NTNV



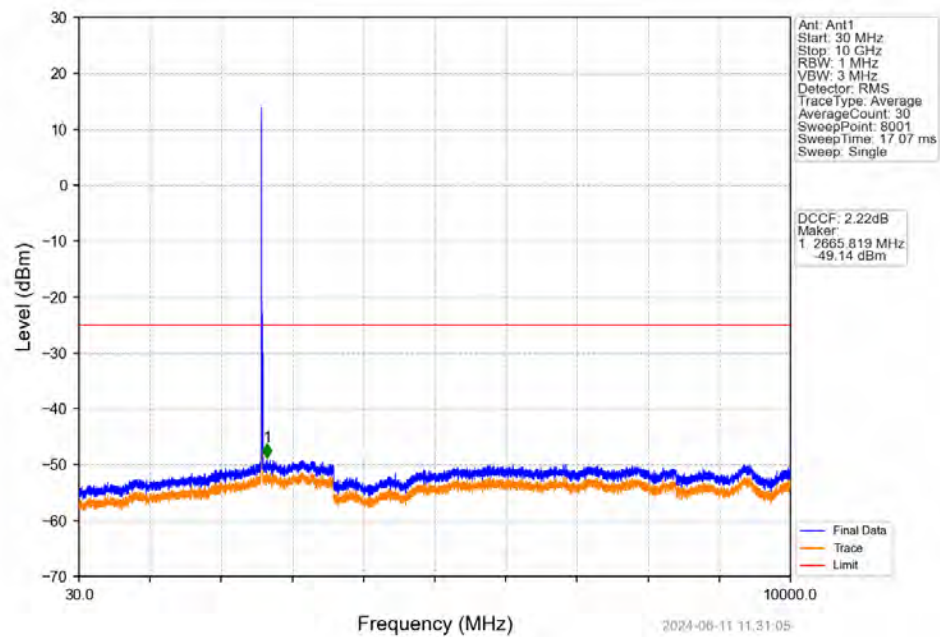
Band41 10MHz 16QAM LCH 2501MHz RB 1 0 NTV



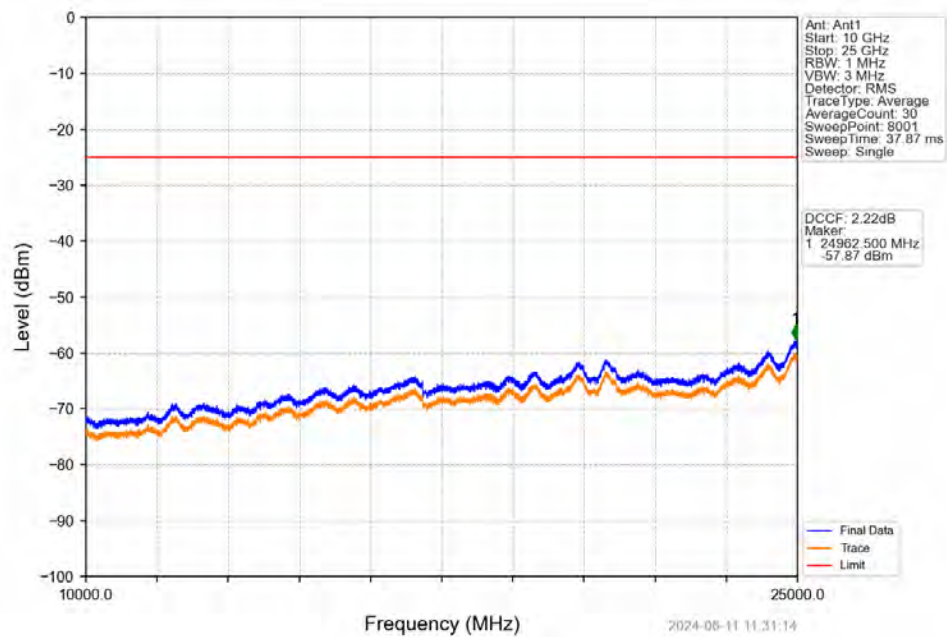
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTV



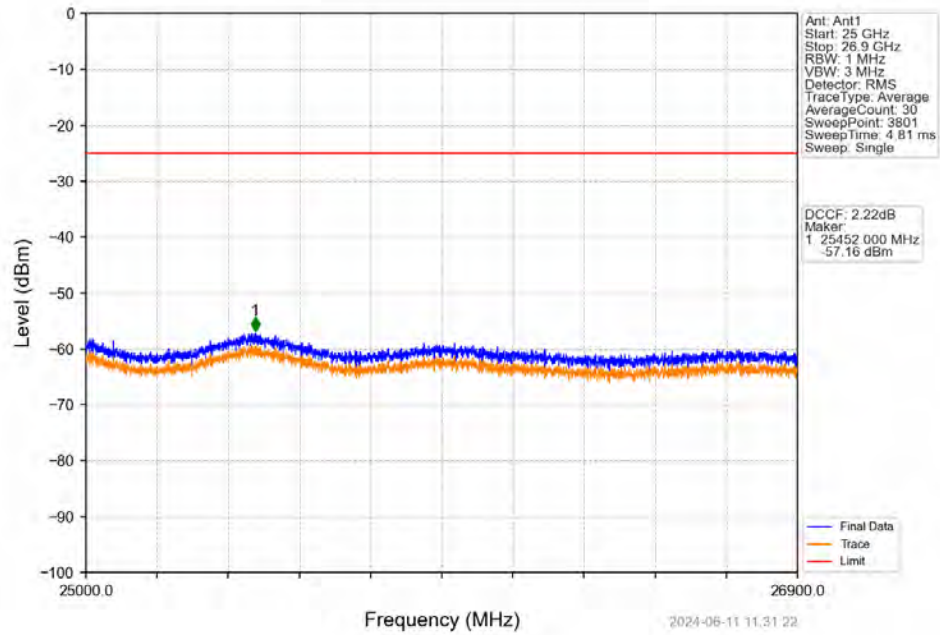
Band41 10MHz 16QAM MCH 2593MHz RB 1 0 NTNV



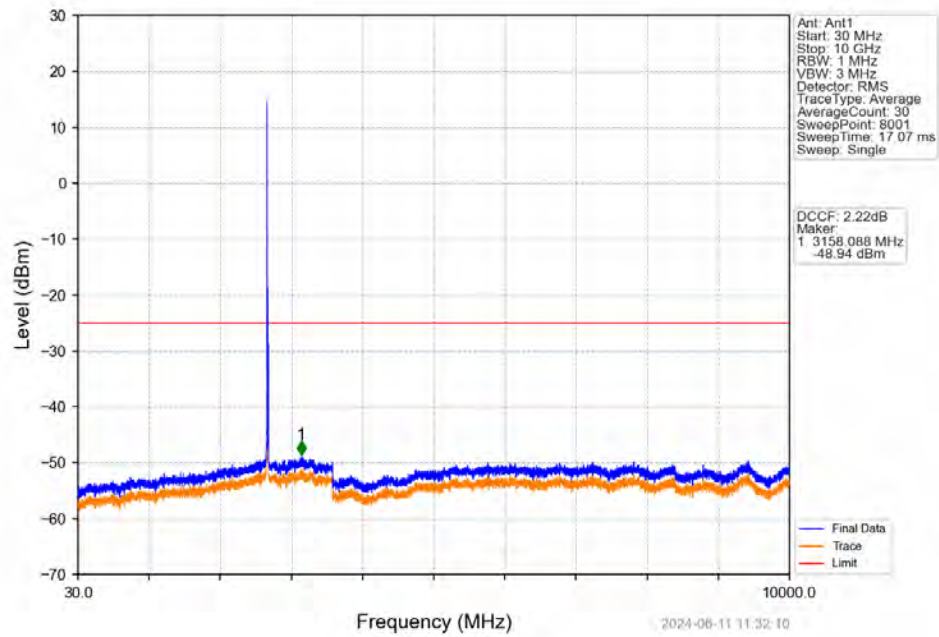
Band41 10MHz 16QAM MCH 2593MHz RB 1 0 NTNV



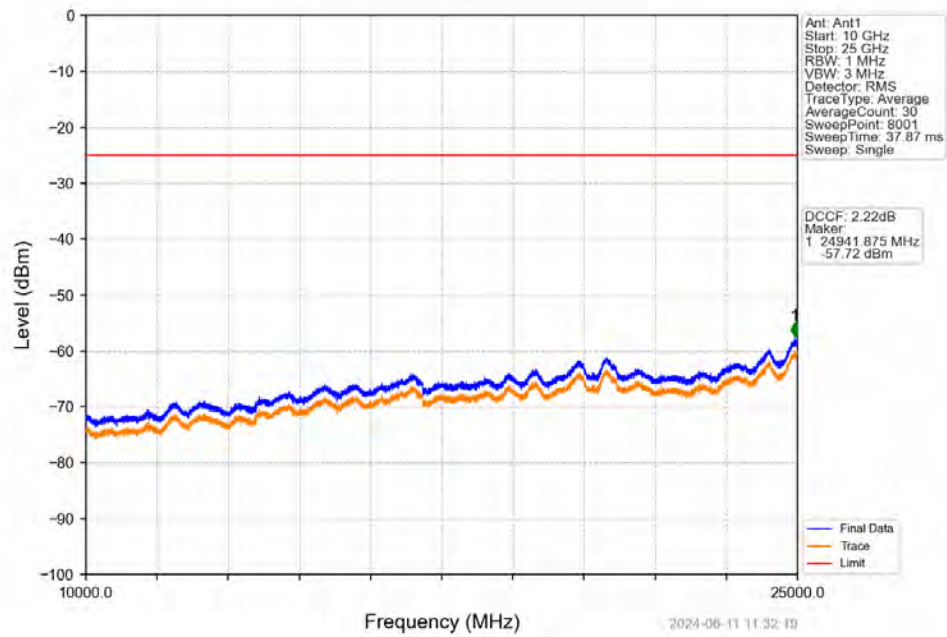
Band41 10MHz 16QAM MCH 2593MHz RB 1 0 NTNV



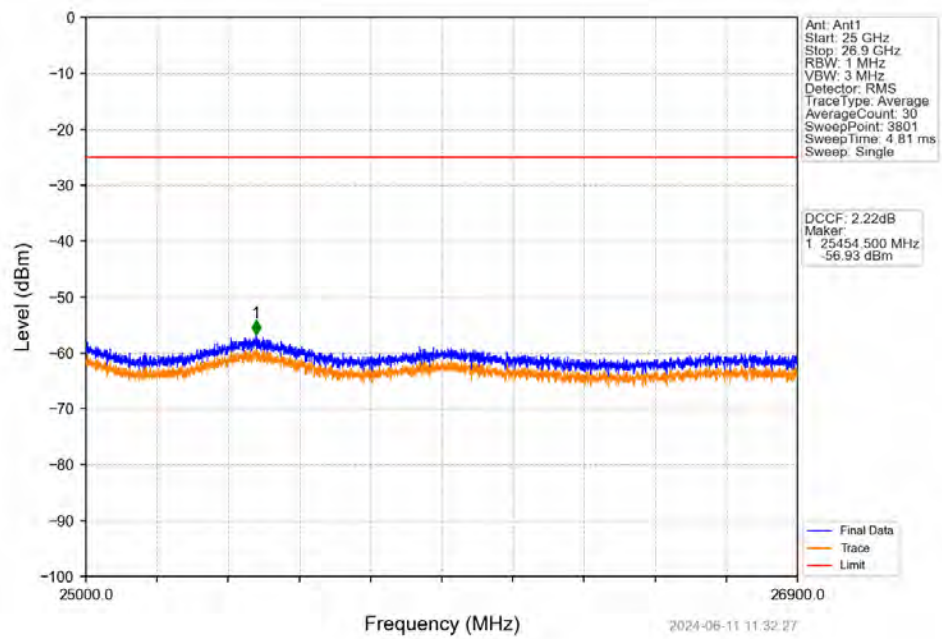
Band41 10MHz 16QAM HCH 2685MHz RB 1 0 NTNV



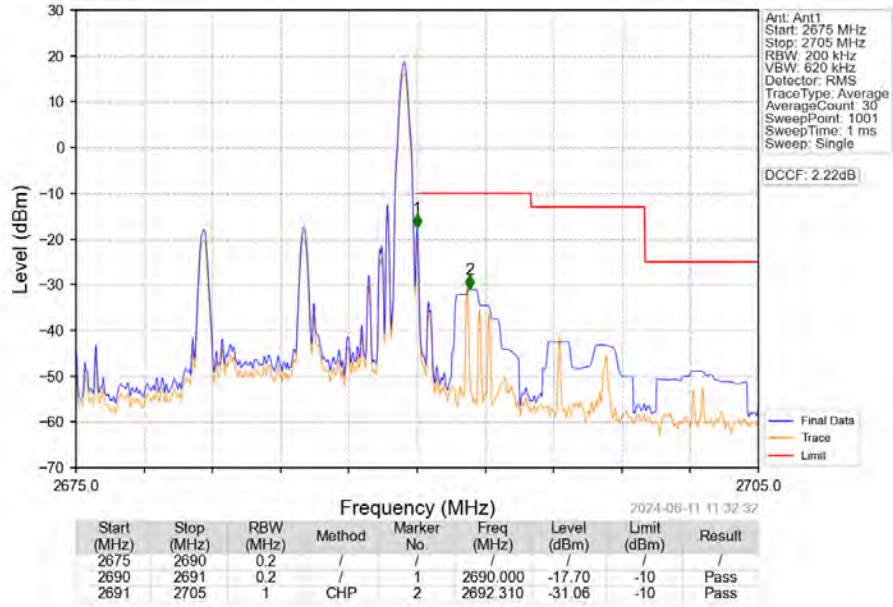
Band41 10MHz 16QAM HCH 2685MHz RB 1 0 NTNV



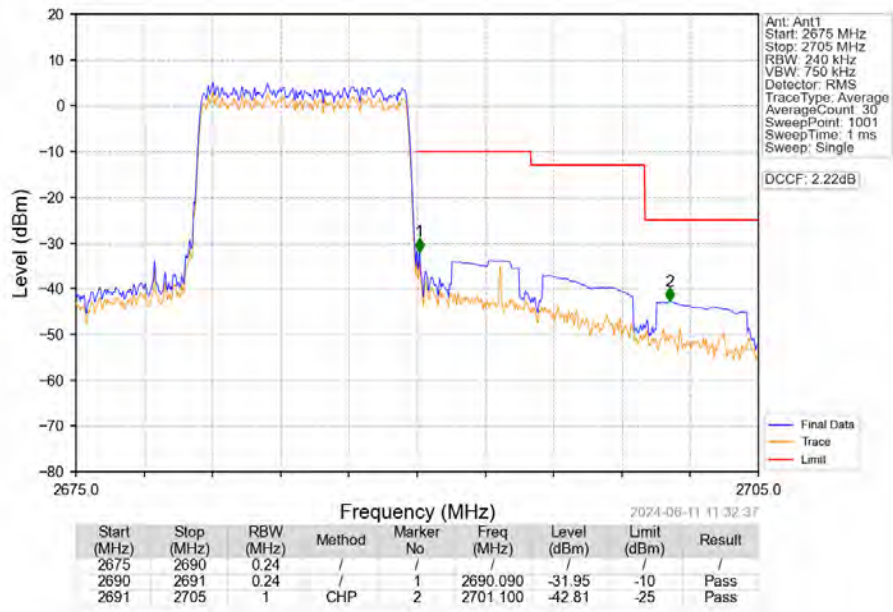
Band41 10MHz 16QAM HCH 2685MHz RB 1 0 NTNV



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



Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTNV

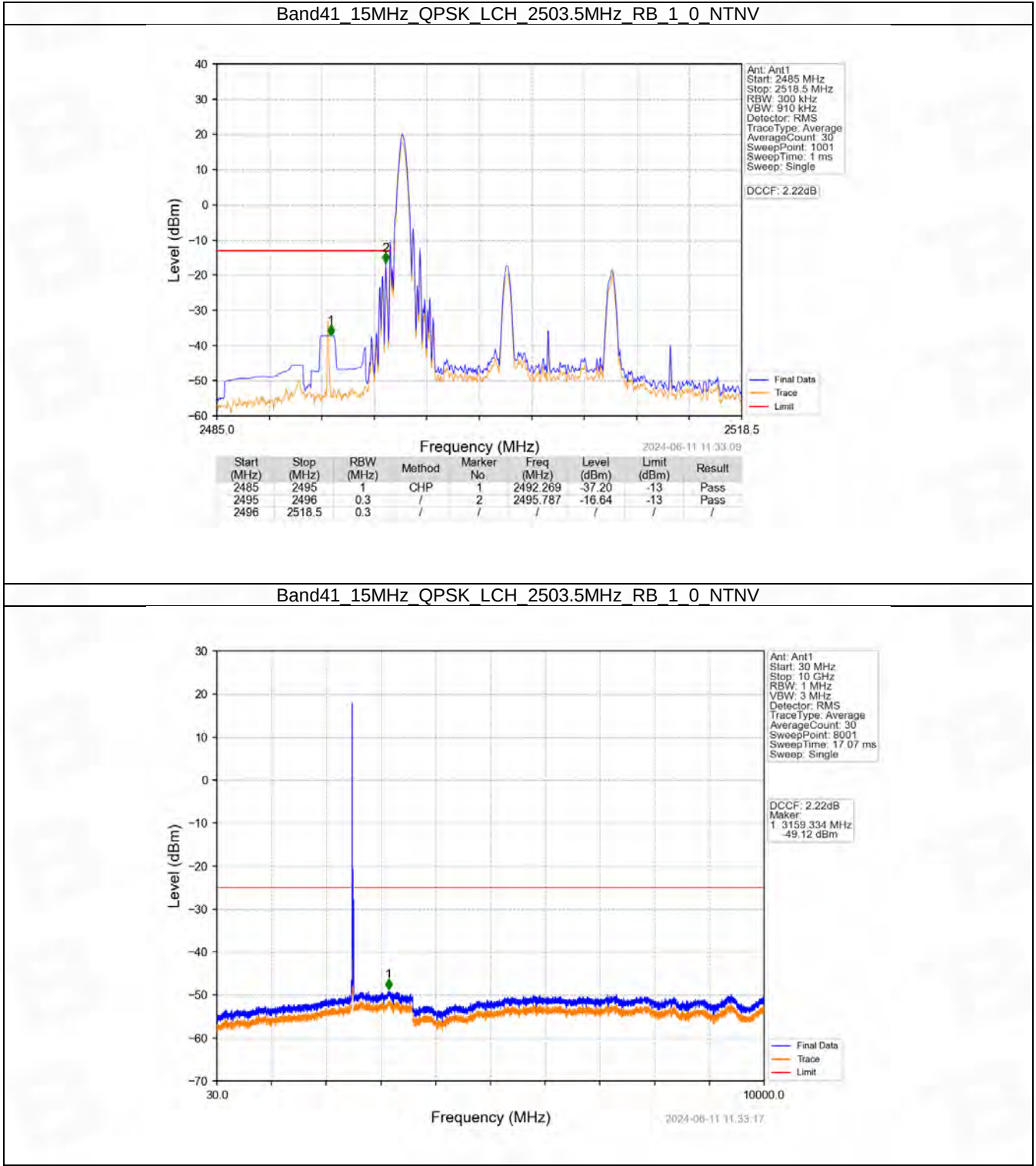


6.3 B41_15MHz

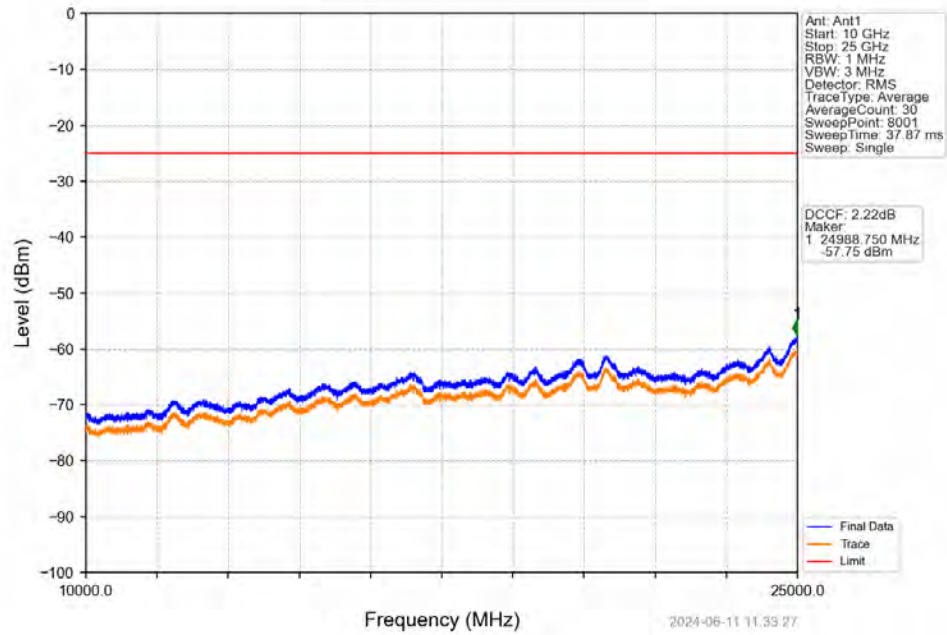
6.3.1 Test Result

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

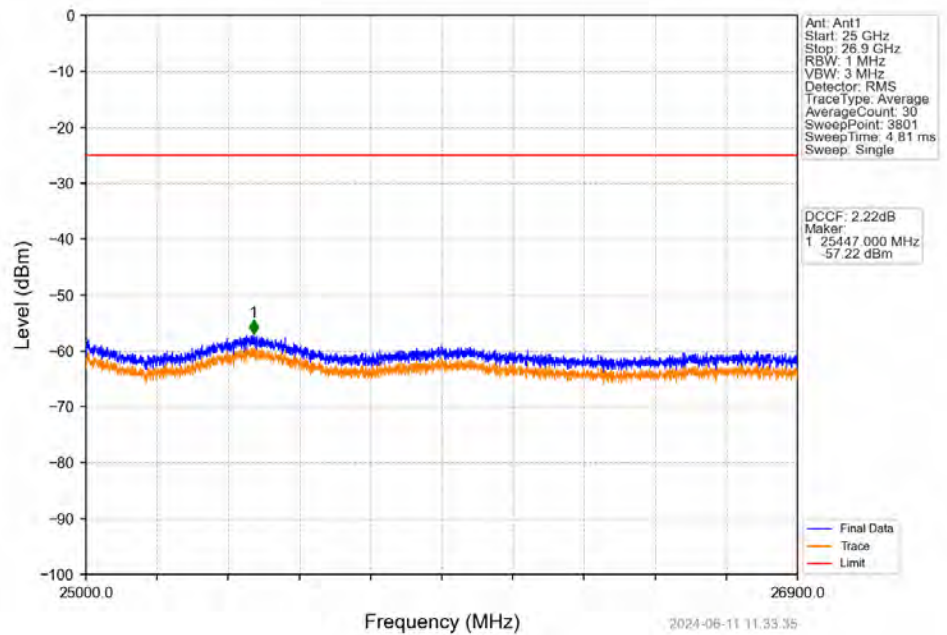
6.3.2 Test Graph



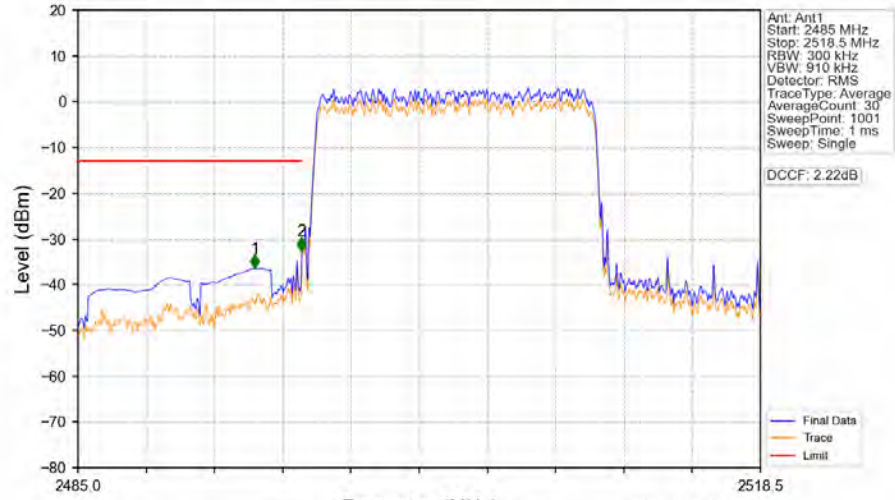
Band41 15MHz QPSK LCH 2503.5MHz RB 1 0 NTNV



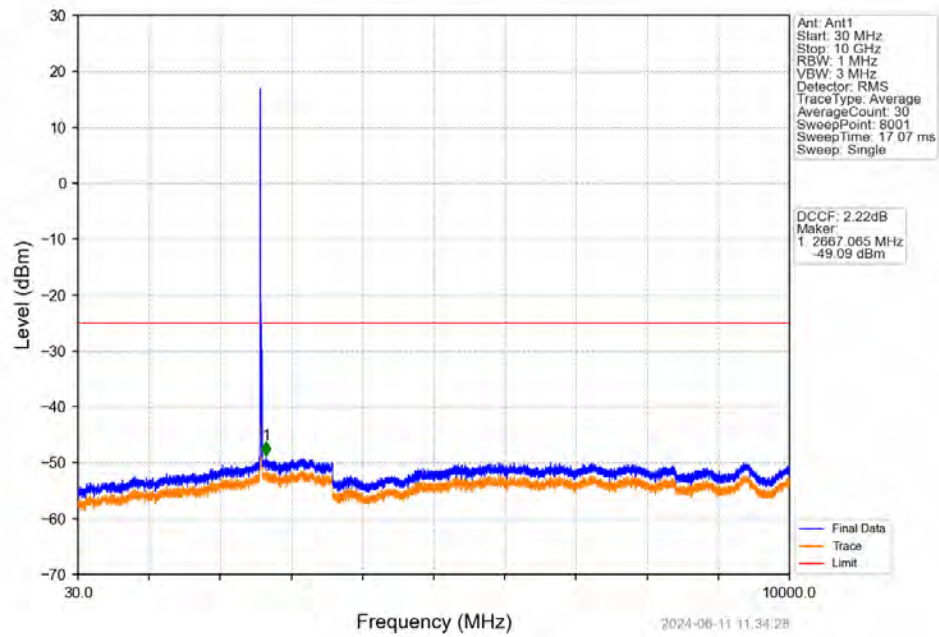
Band41 15MHz QPSK LCH 2503.5MHz RB 1 0 NTNV



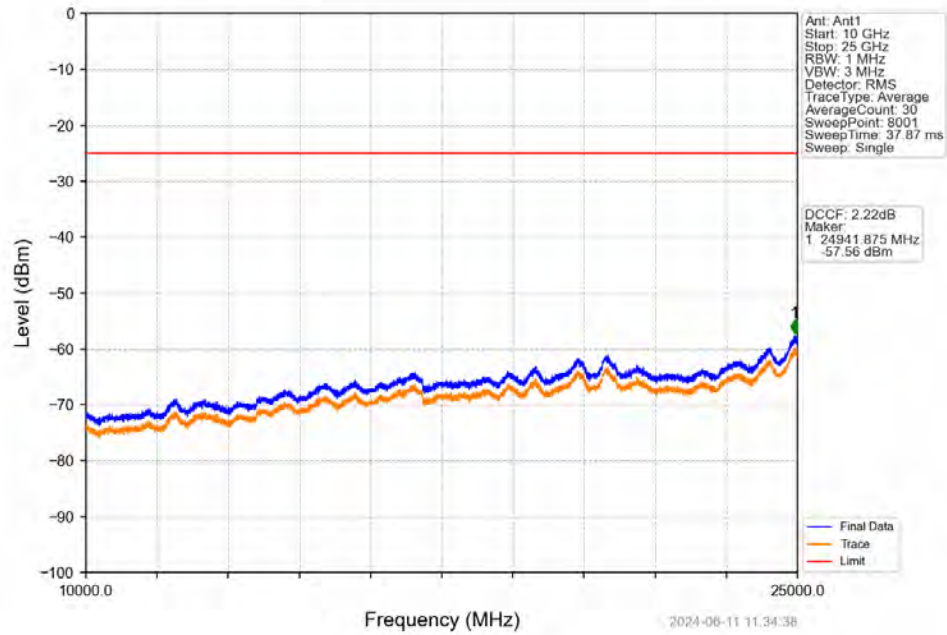
Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV



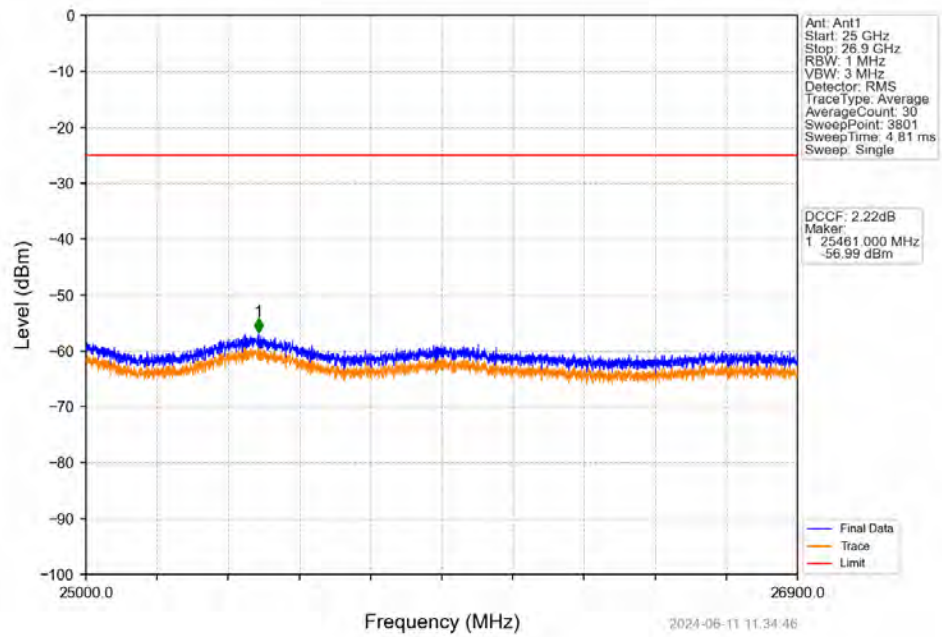
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



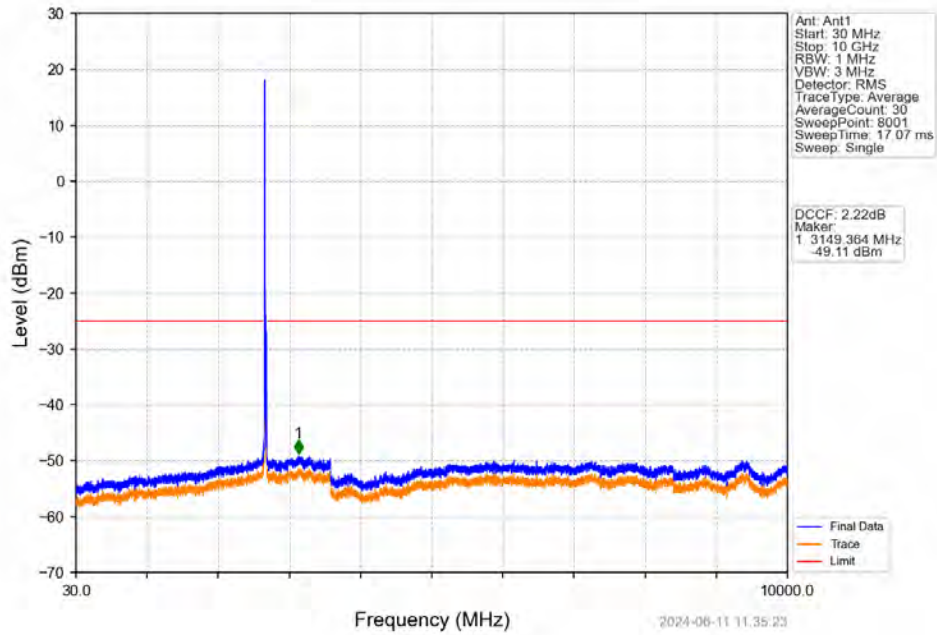
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



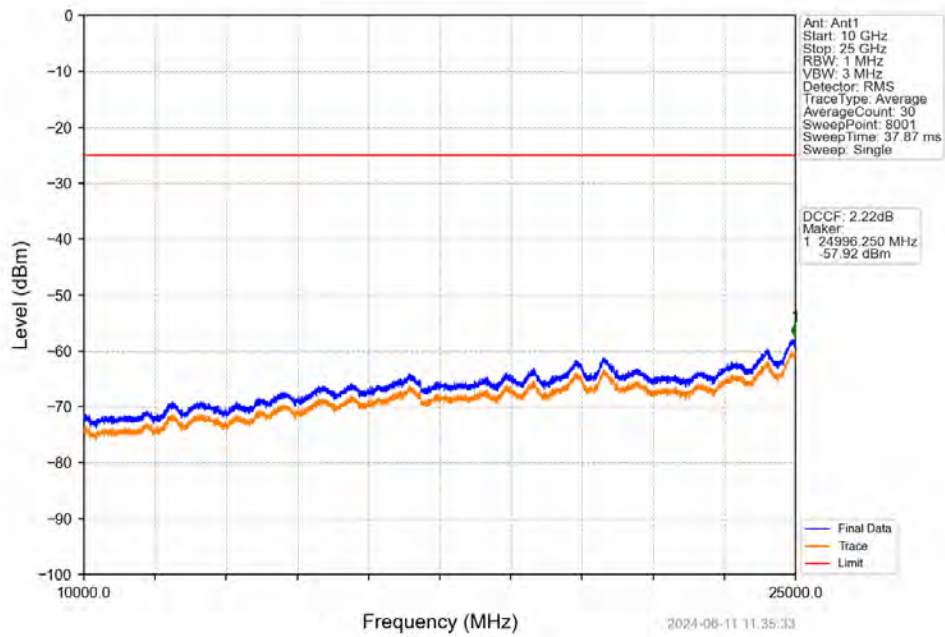
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



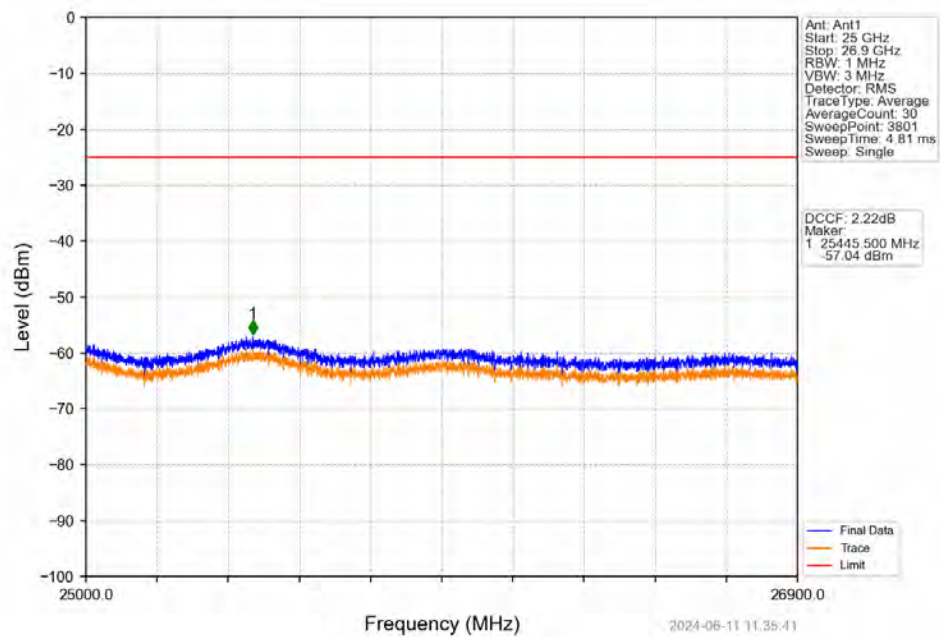
Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTNV



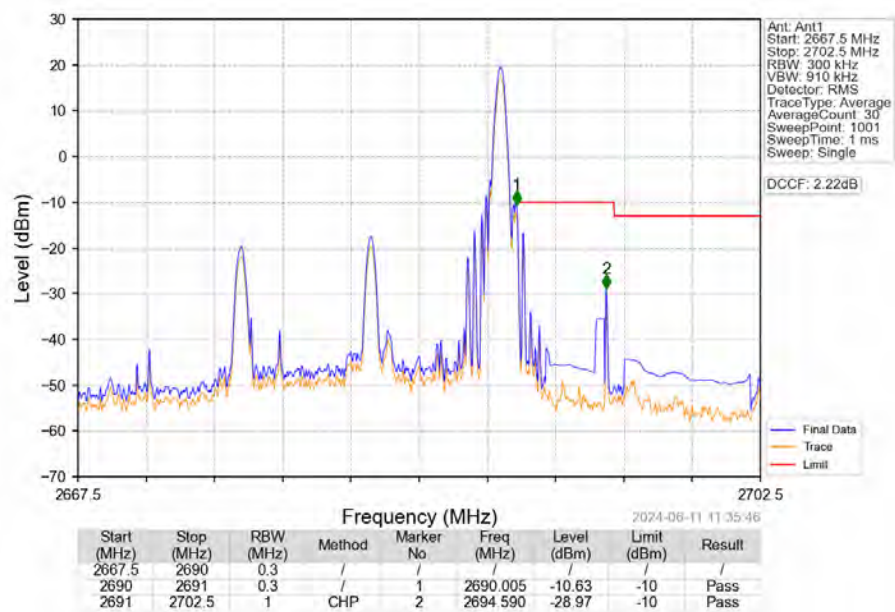
Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTNV



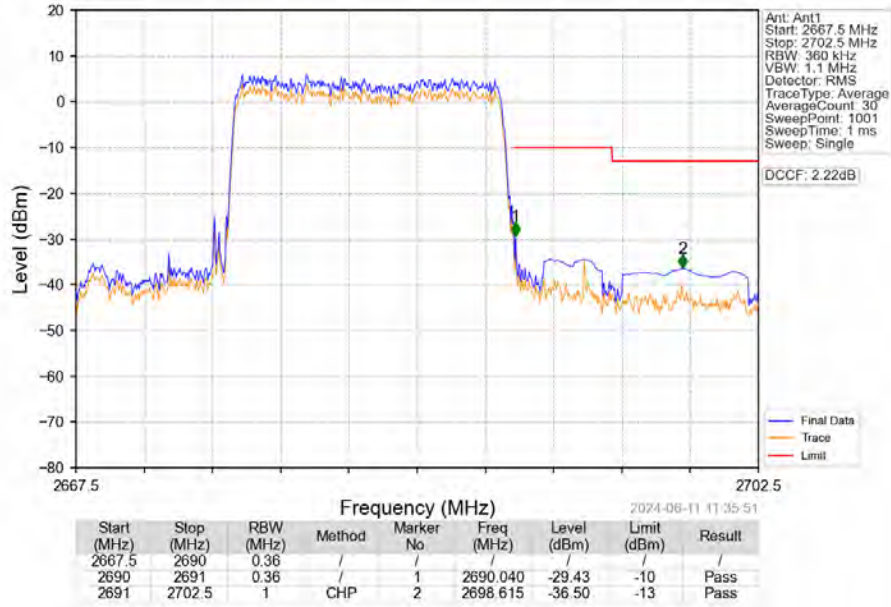
Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTV



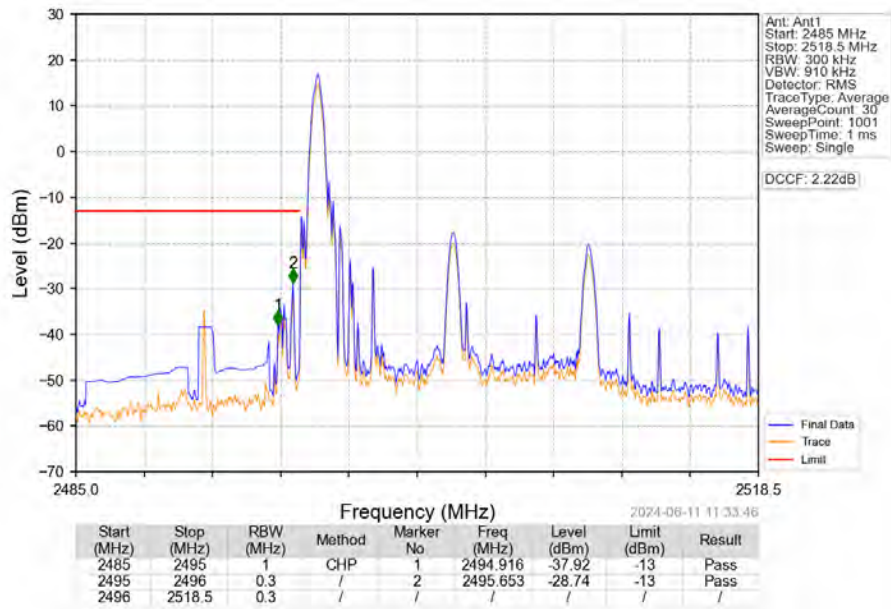
Band41 15MHz QPSK HCH 2682.5MHz RB 1 74 NTV



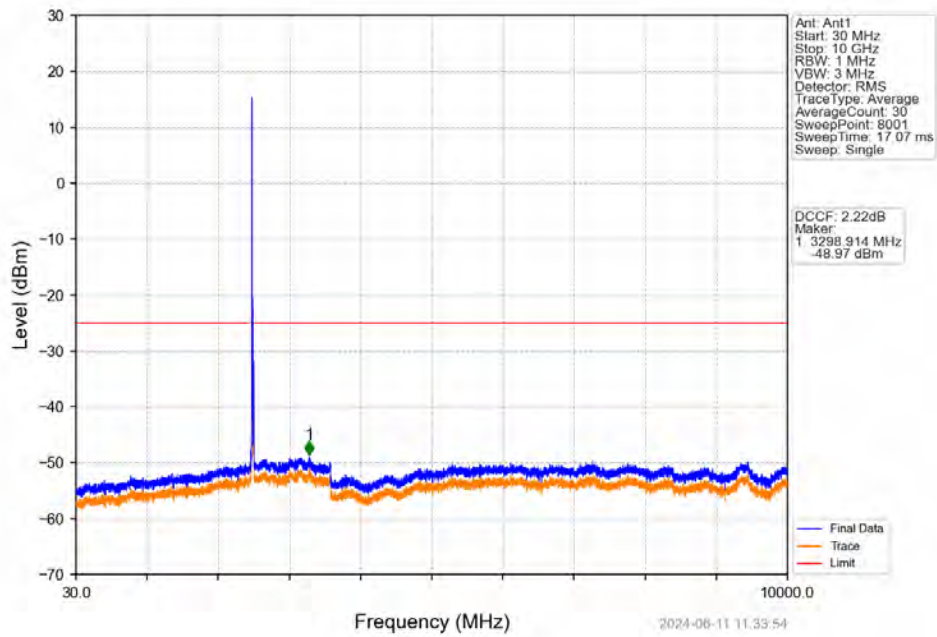
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTNV



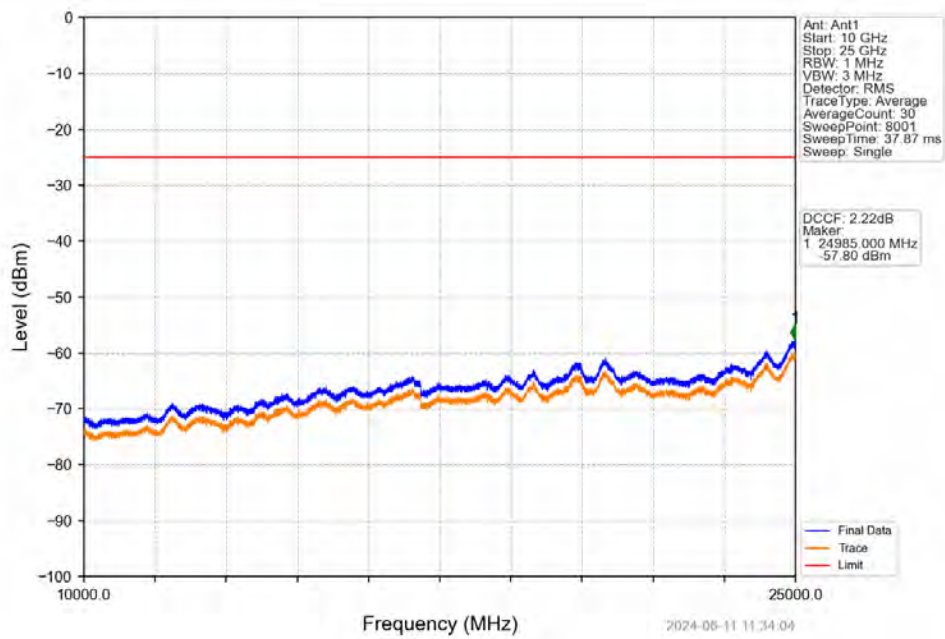
Band41 15MHz 16QAM LCH 2503.5MHz RB 1 0 NTNV



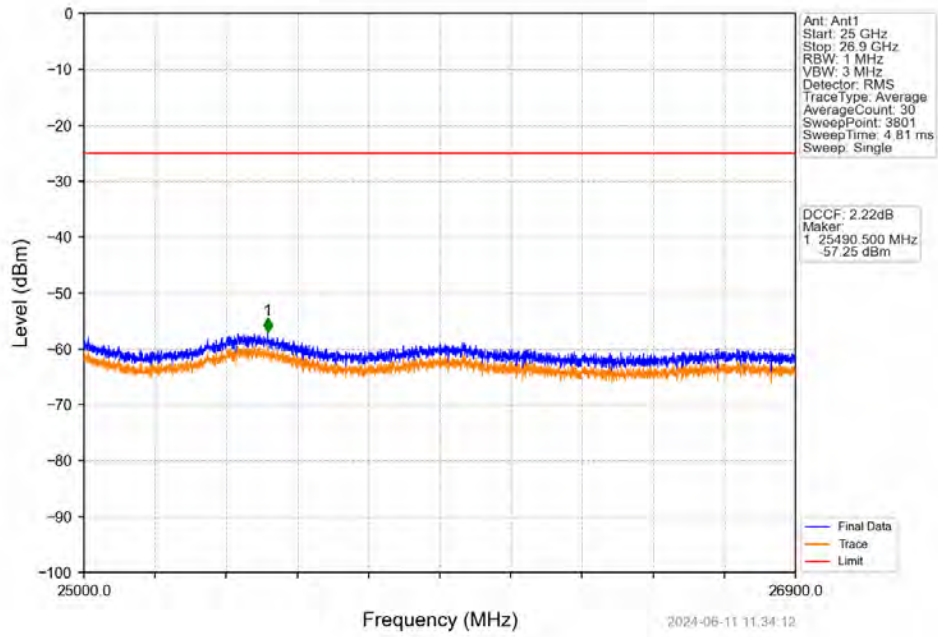
Band41 15MHz 16QAM LCH 2503.5MHz RB 1 0 NTV



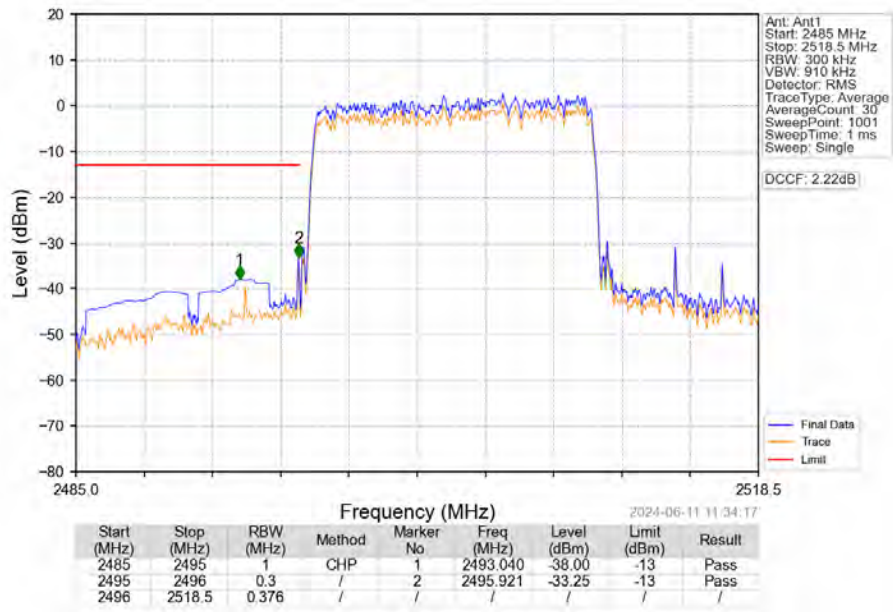
Band41 15MHz 16QAM LCH 2503.5MHz RB 1 0 NTV



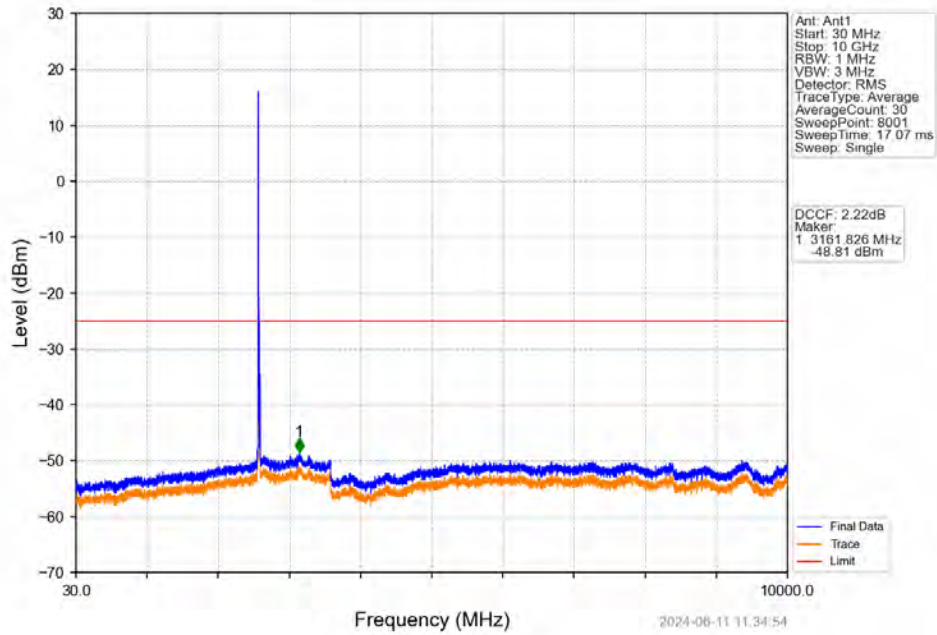
Band41 15MHz 16QAM LCH 2503.5MHz RB 1 0 NTNV



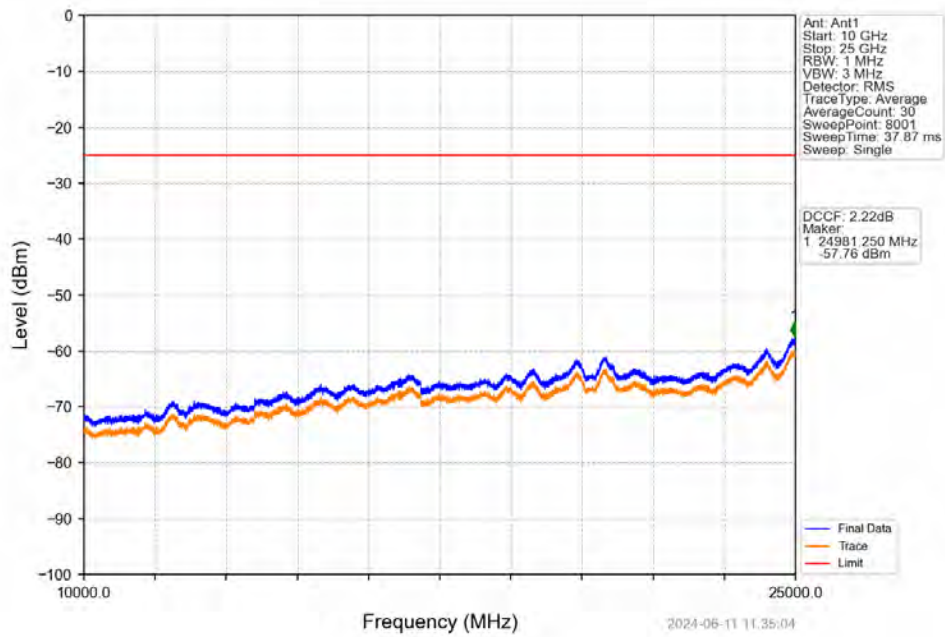
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTNV



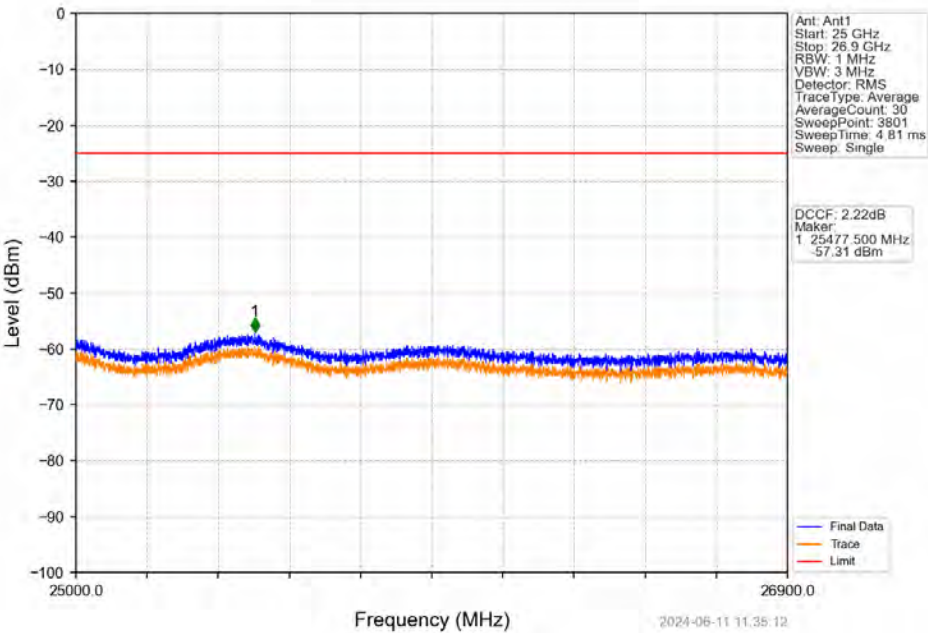
Band41 15MHz 16QAM MCH 2593MHz RB 1 0 NTNV



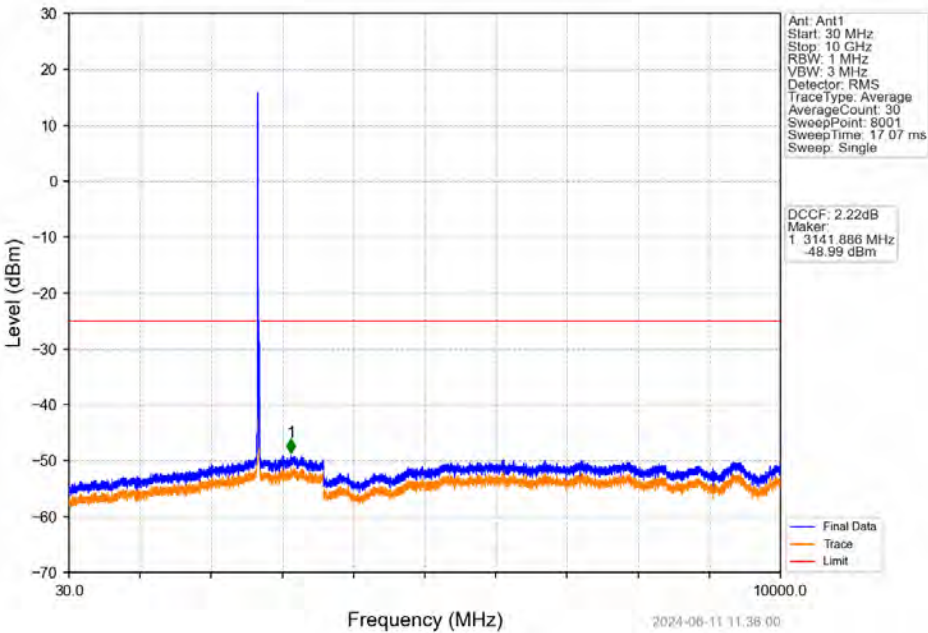
Band41 15MHz 16QAM MCH 2593MHz RB 1 0 NTNV



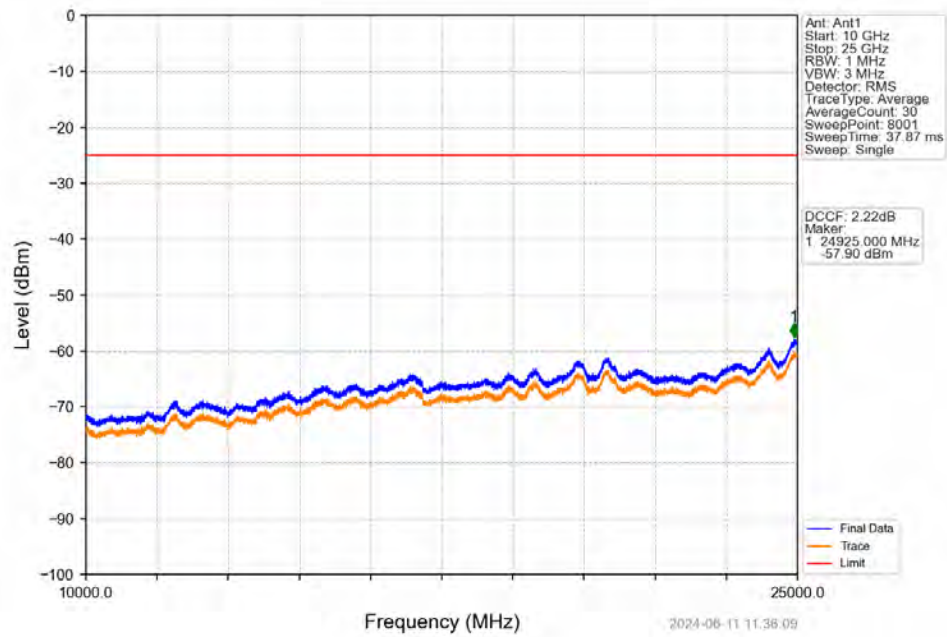
Band41 15MHz 16QAM MCH 2593MHz RB 1 0 NTV



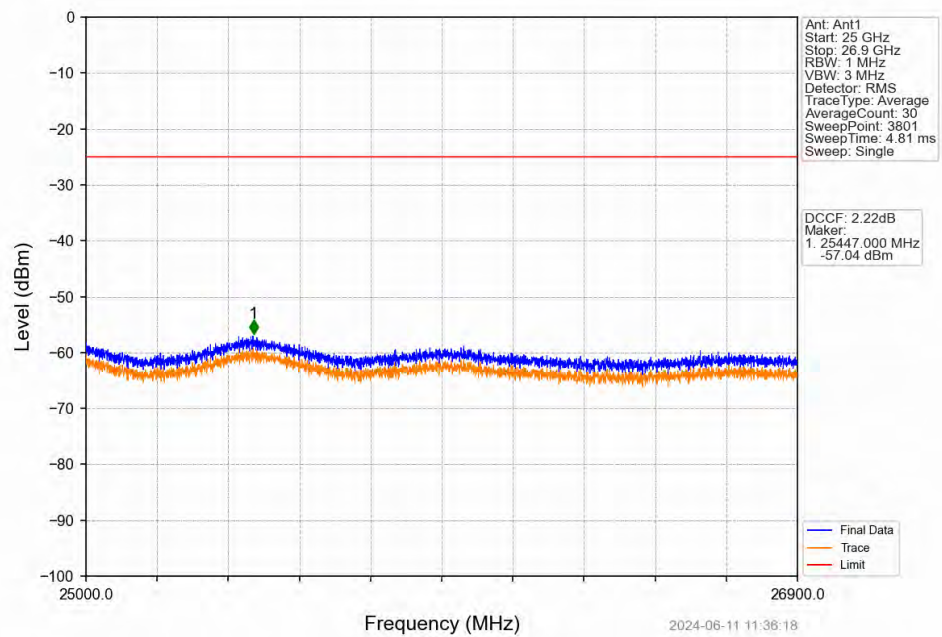
Band41 15MHz 16QAM HCH 2682.5MHz RB 1 0 NTV



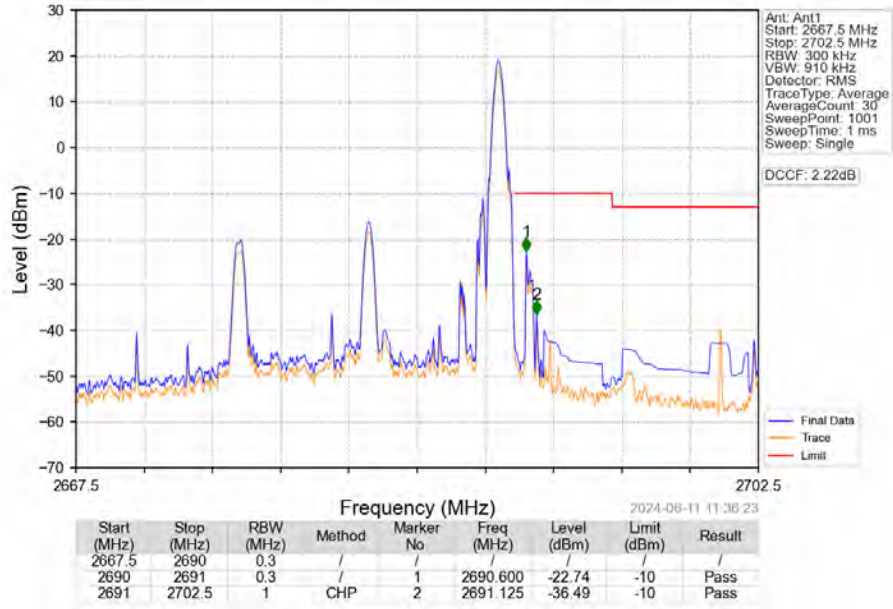
Band41 15MHz 16QAM HCH 2682.5MHz RB 1 0 NTV



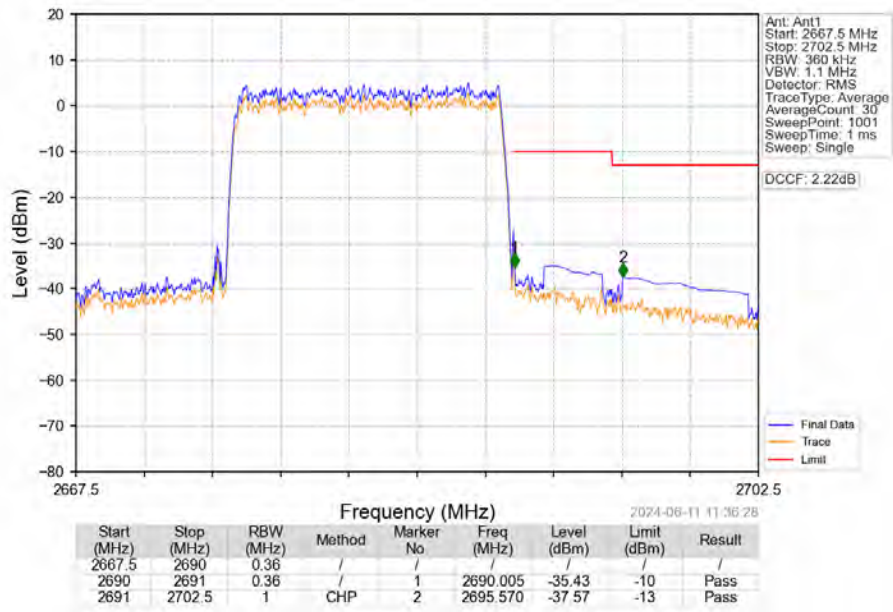
Band41 15MHz 16QAM HCH 2682.5MHz RB 1 0 NTV



Band41 15MHz 16QAM HCH 2682.5MHz RB 1 74 NTNV



Band41 15MHz 16QAM HCH 2682.5MHz RB 75 0 NTNV

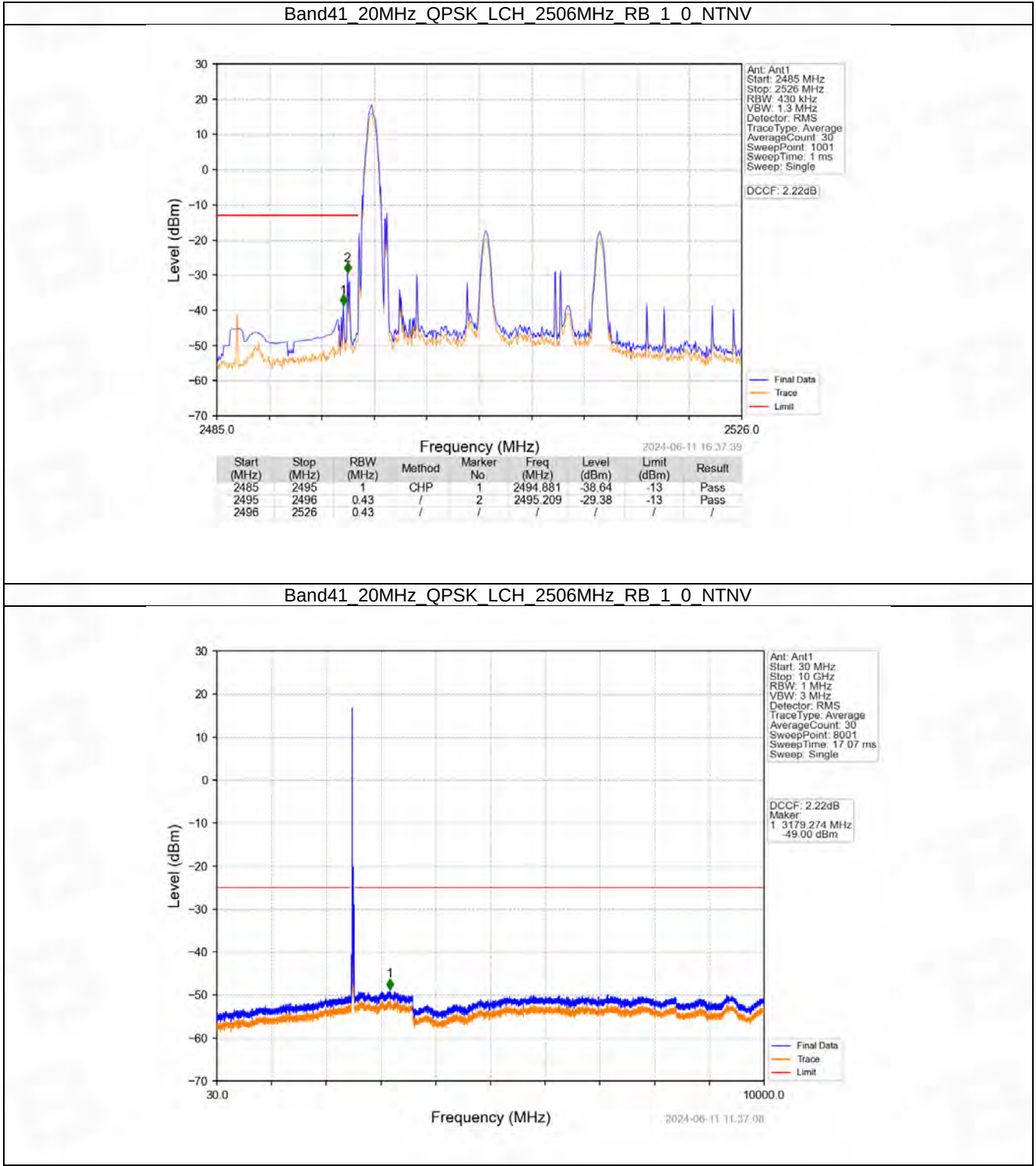


6.4 B41_20MHz

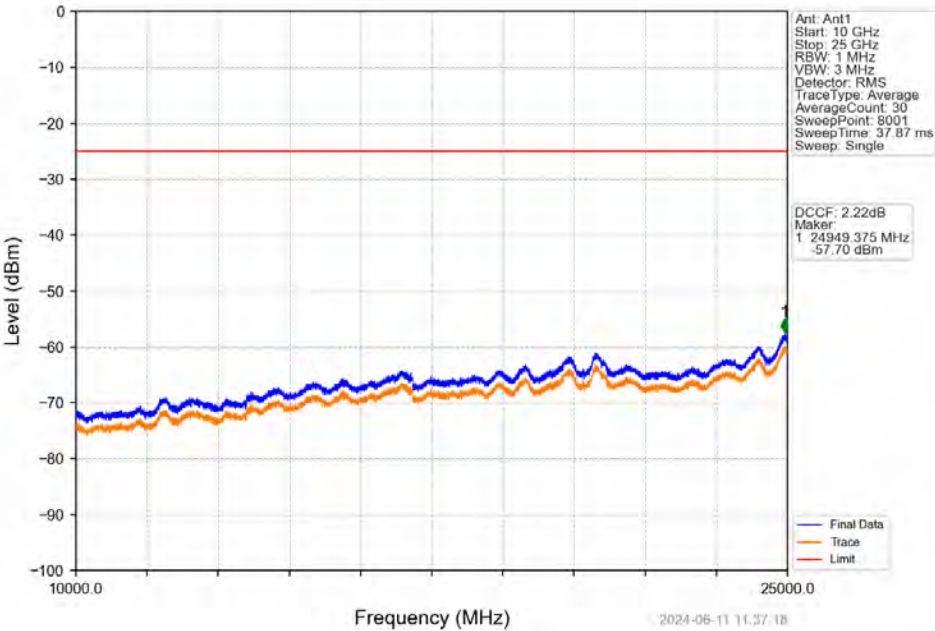
6.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTVN						
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

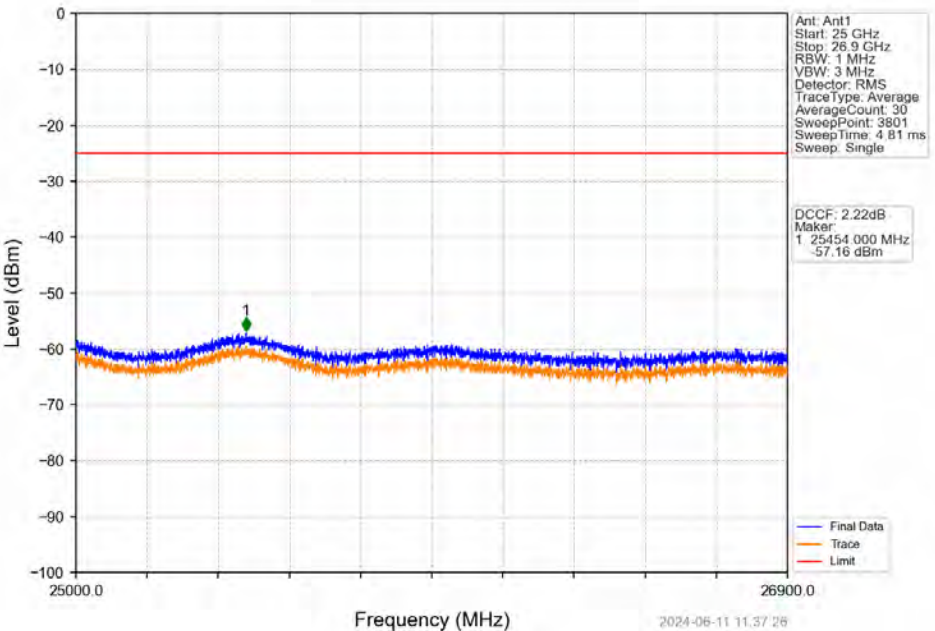
6.4.2 Test Graph



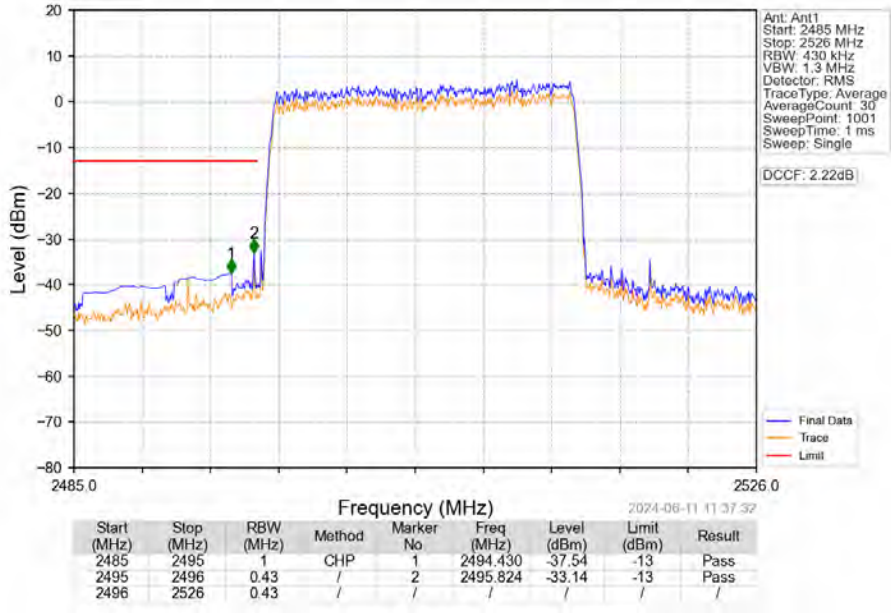
Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTN



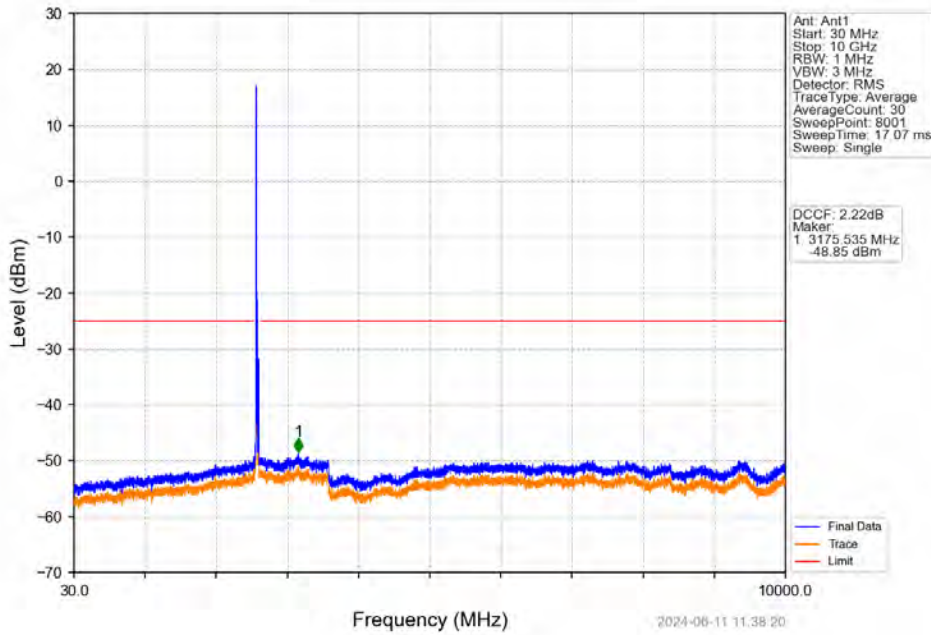
Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTN



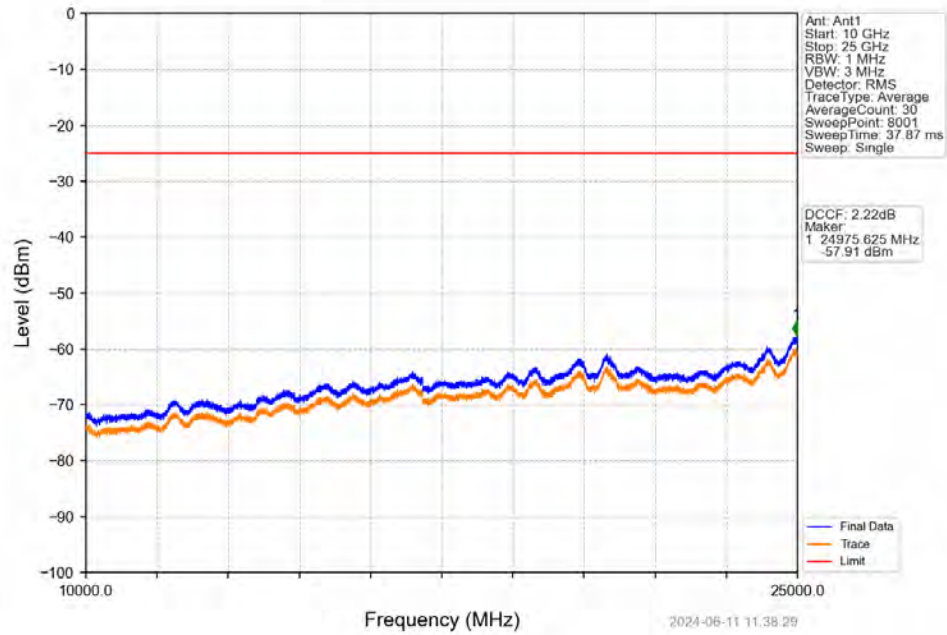
Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTNV



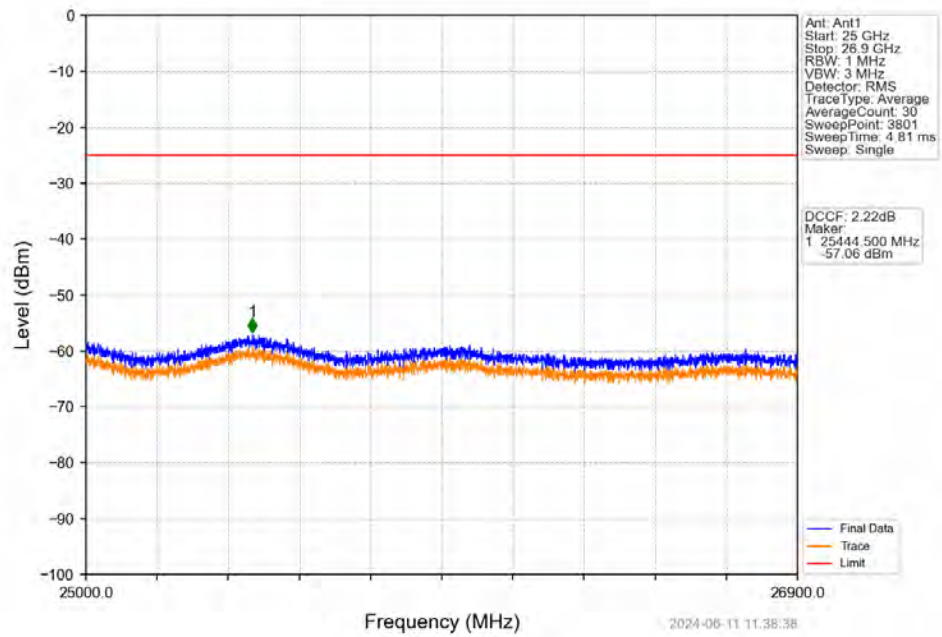
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTNV



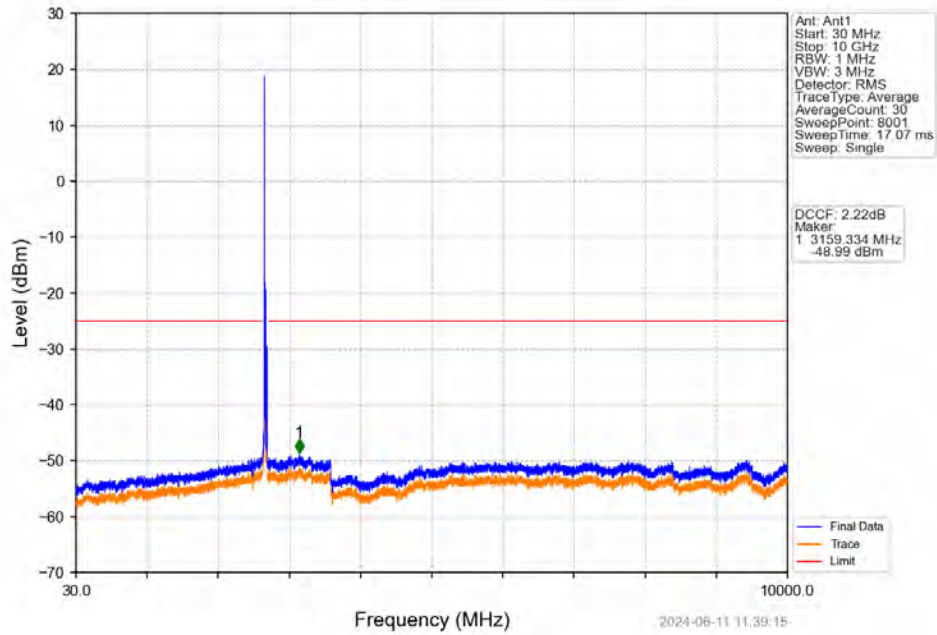
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTNV



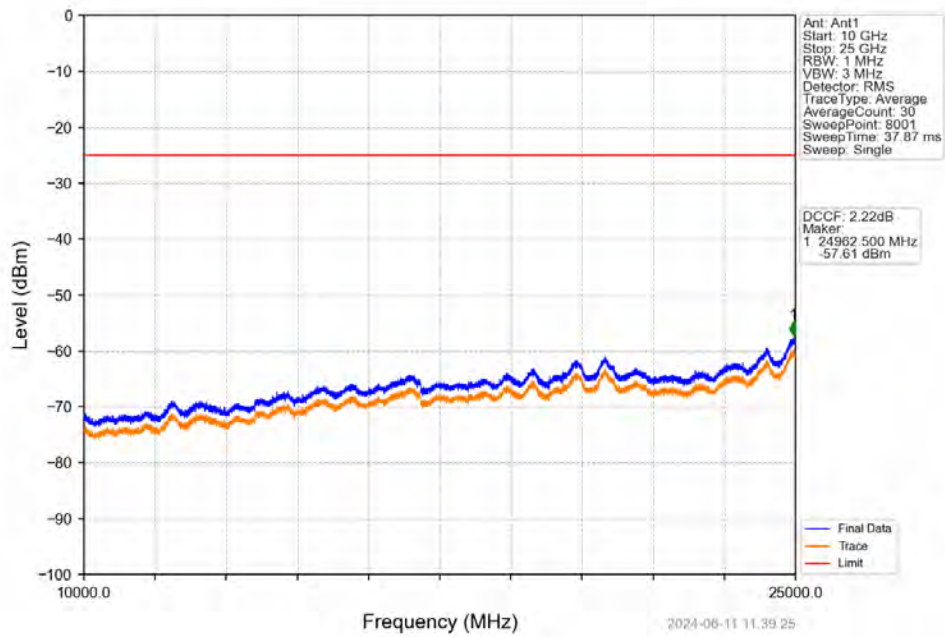
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTNV



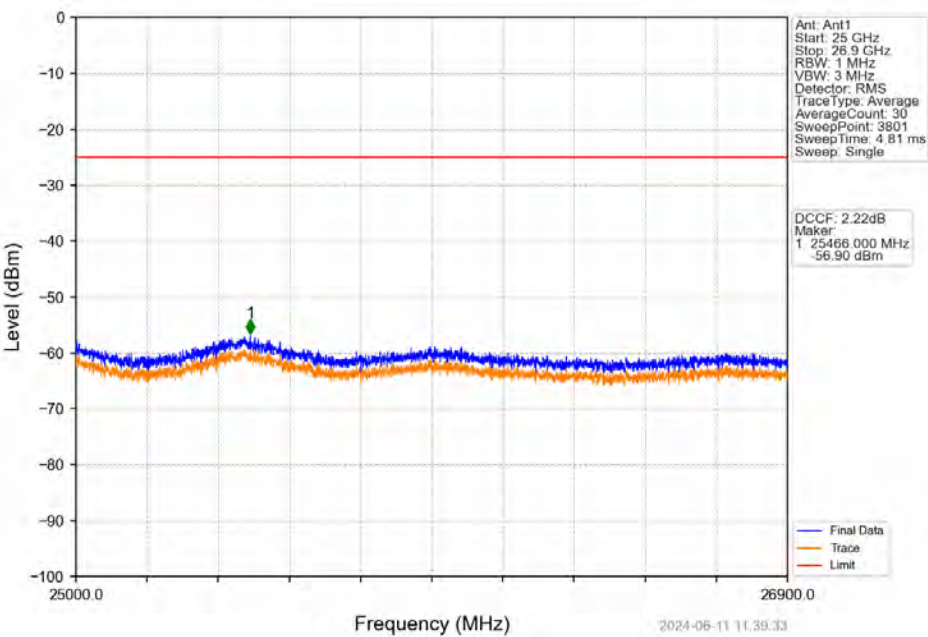
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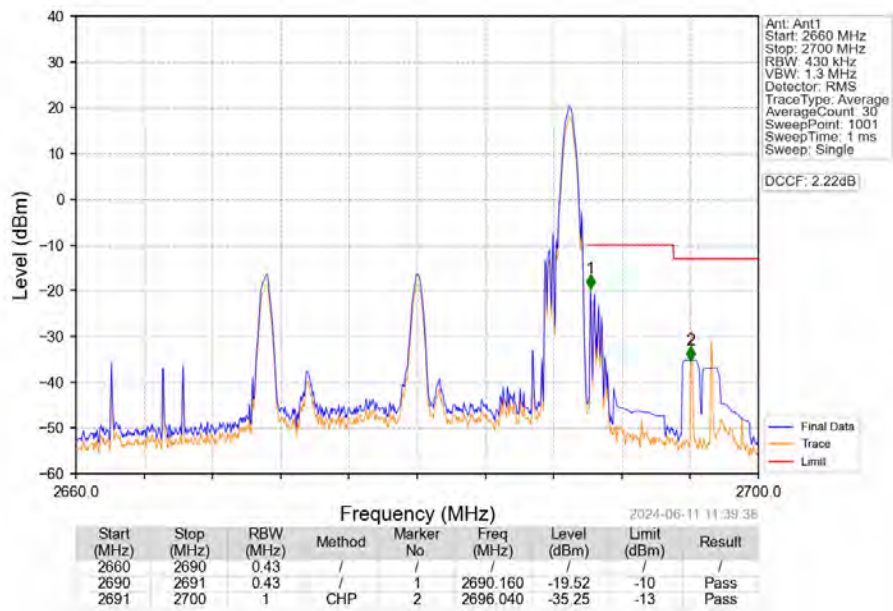
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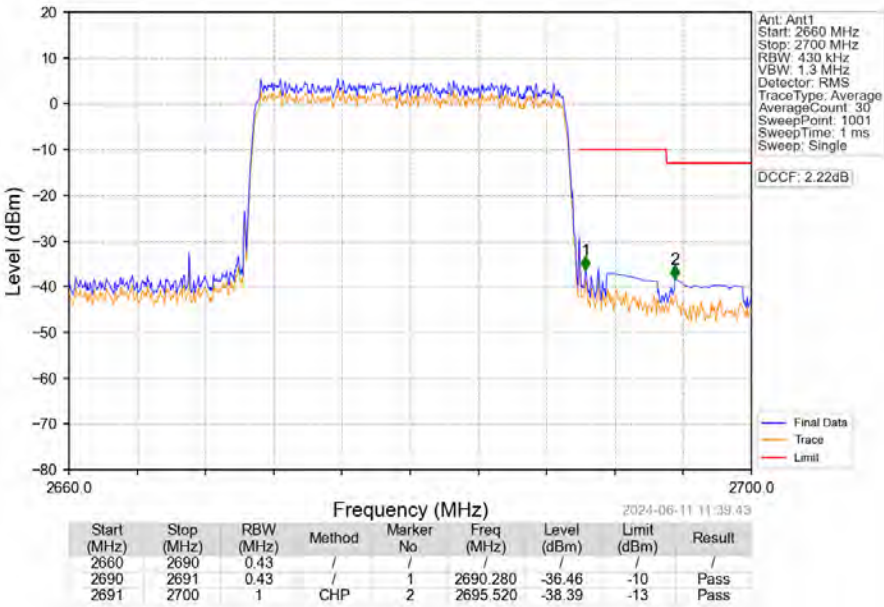
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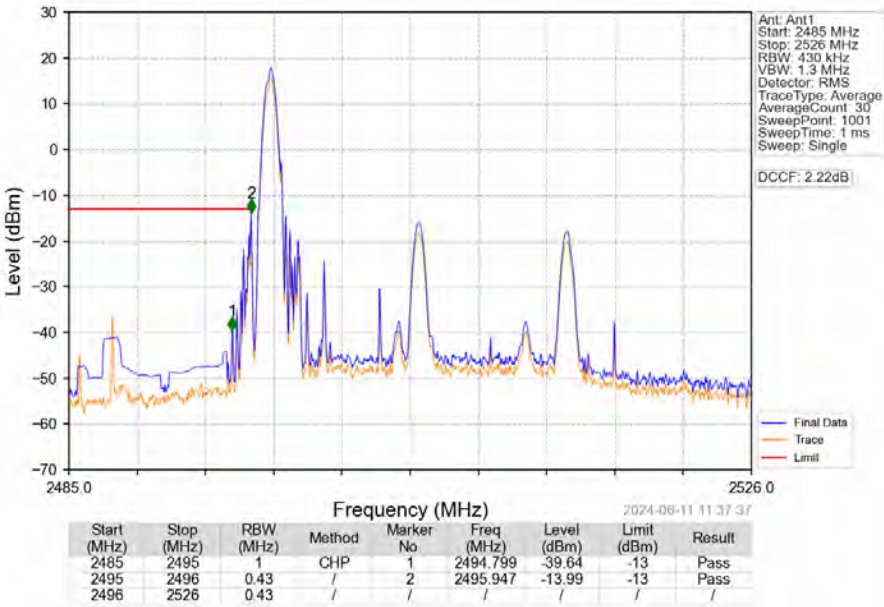
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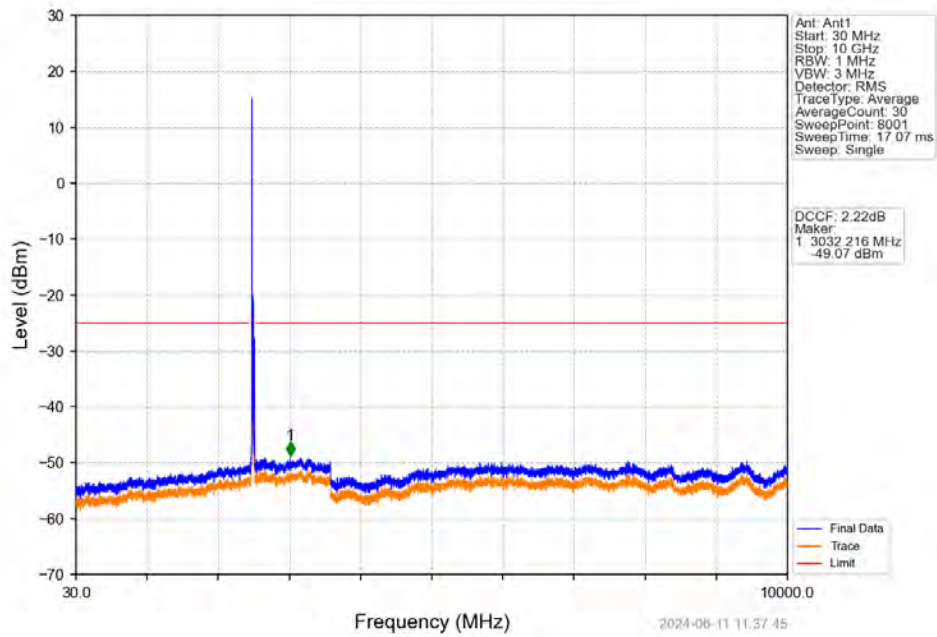
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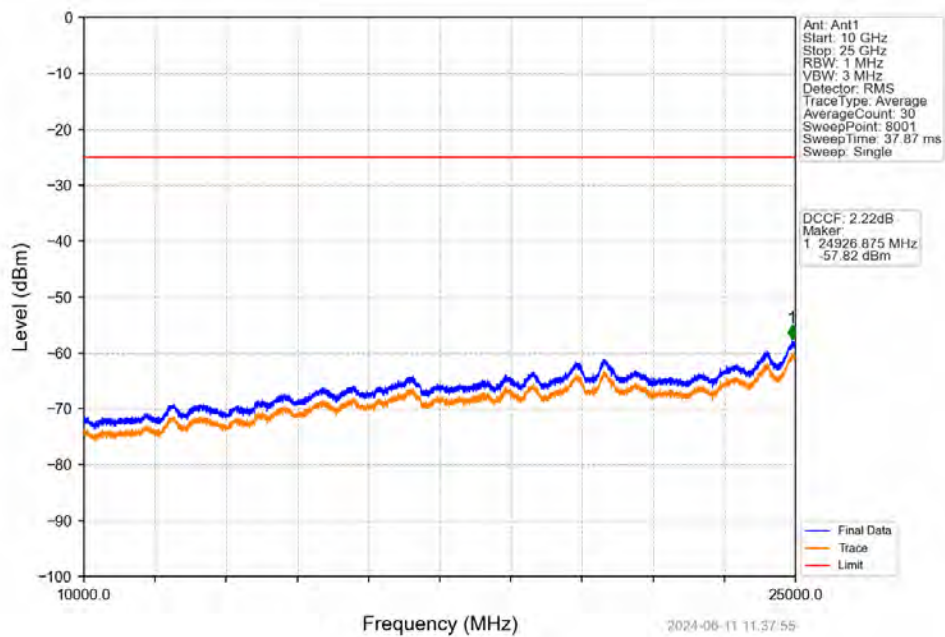
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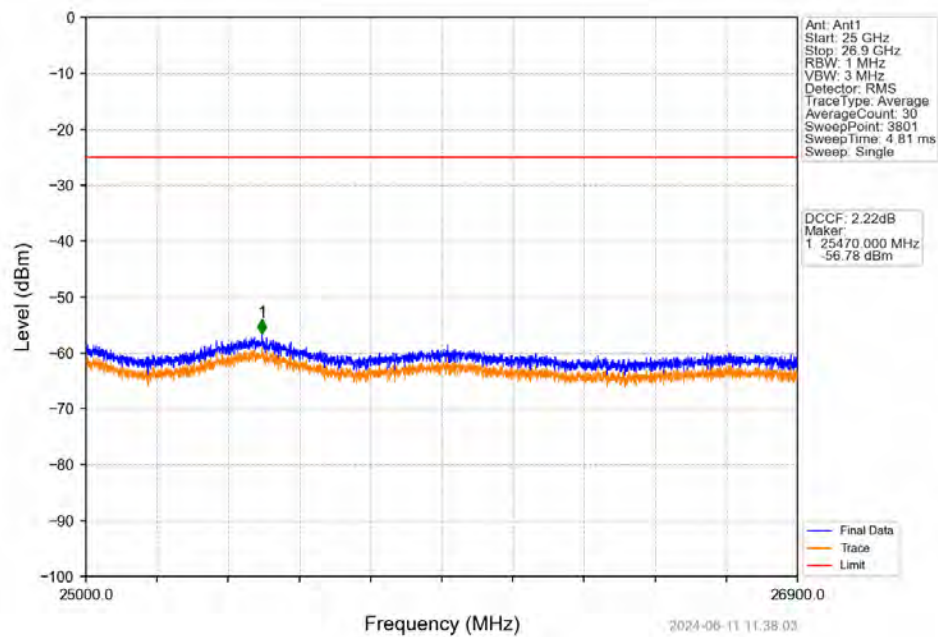
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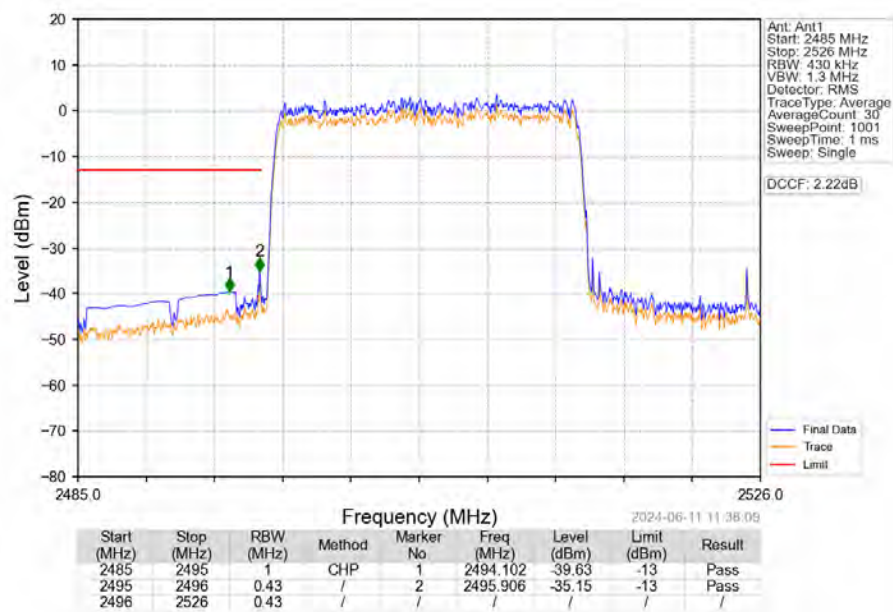
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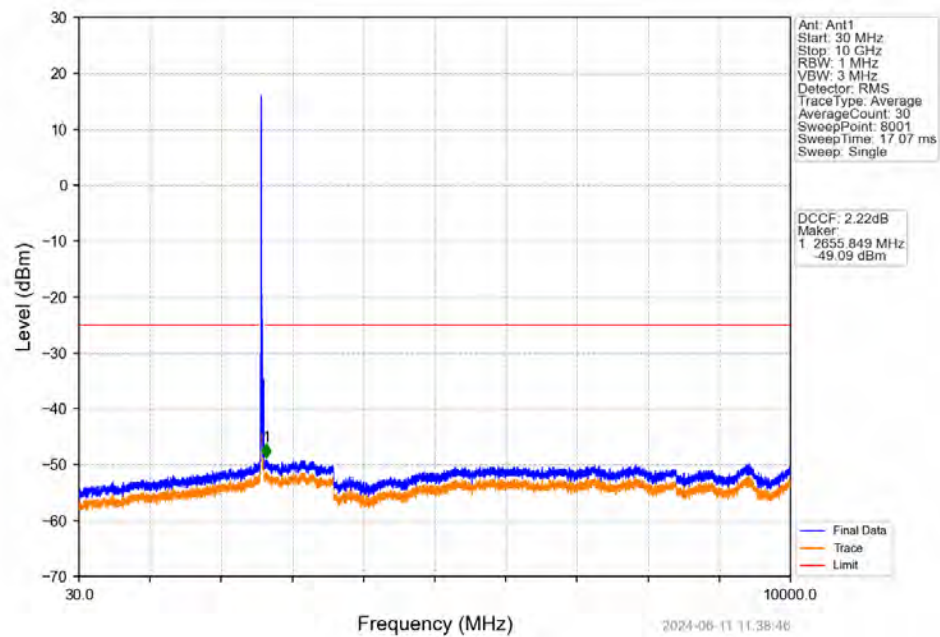
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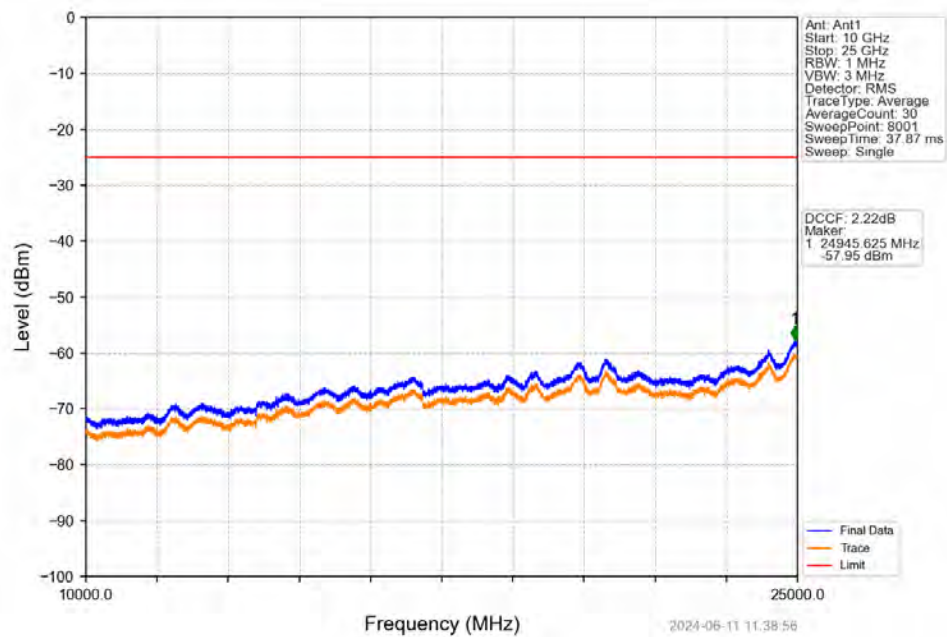
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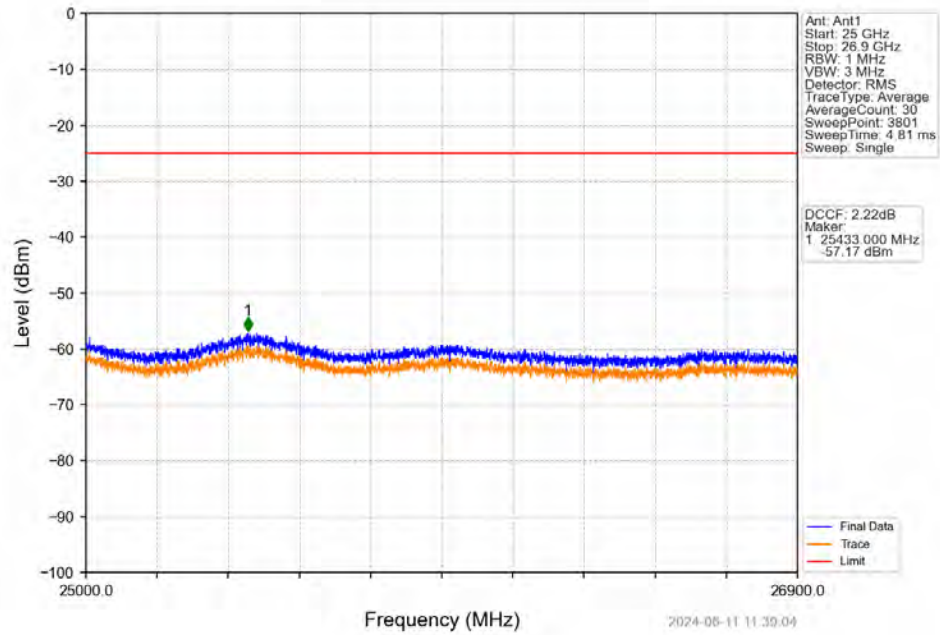
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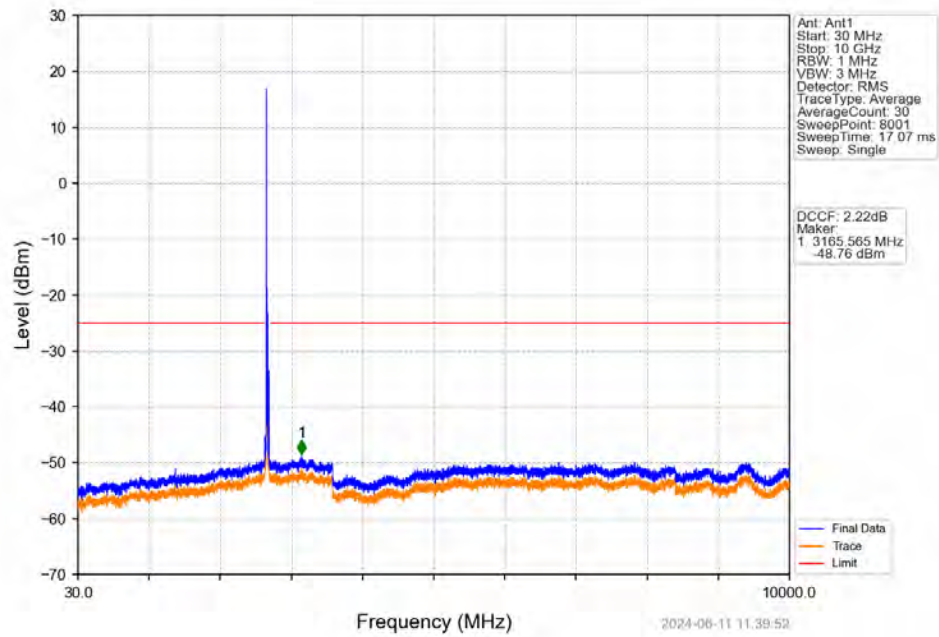
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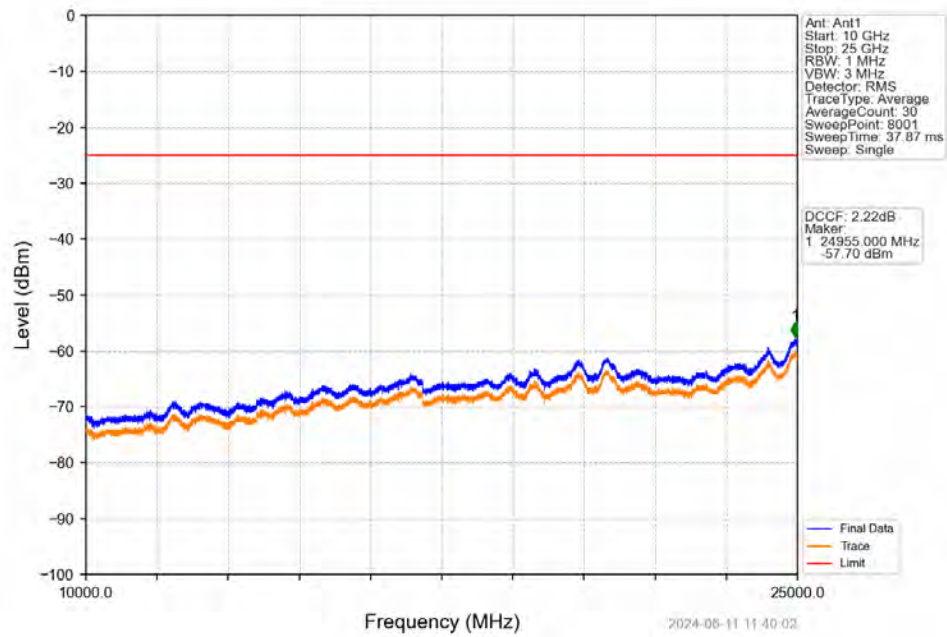
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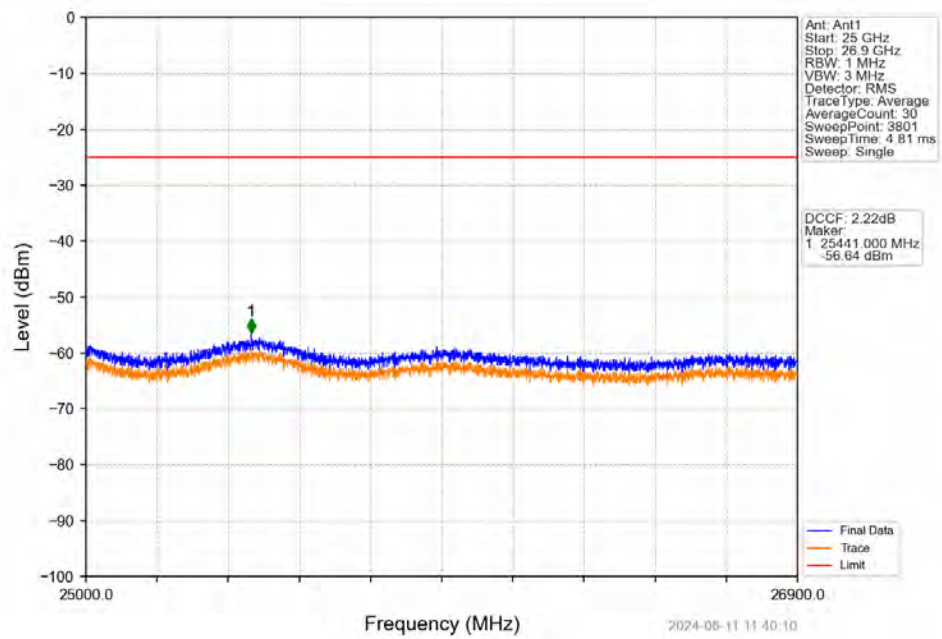
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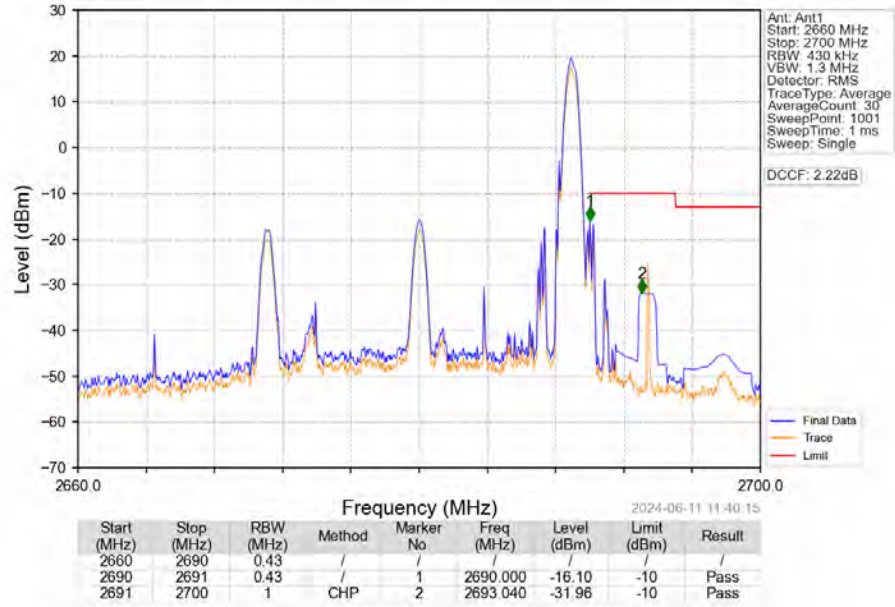
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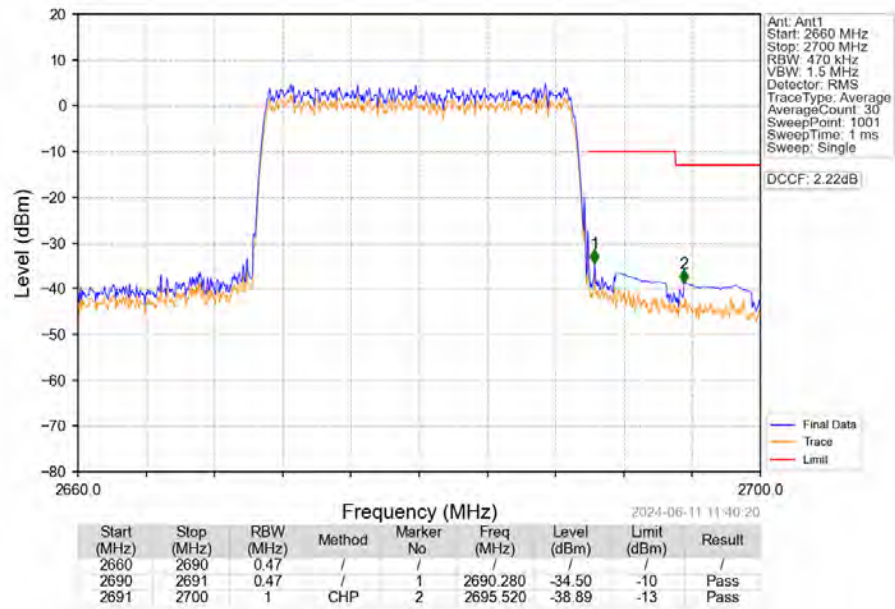
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Band41 20MHz 16QAM HCH 2680MHz RB 1 99 NTNV



Band41 20MHz 16QAM HCH 2680MHz RB 100 0 NTNV



7. Form731

7.1 Form731_Power

7.1.1 Test Result

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	0.1054	0.0092	ppm	4M58G7D	27M	20.23
41	5	2498.5	2687.5	0.0834	0.0112	ppm	4M62W7D	27M	19.21
41	10	2501	2685	0.1148	0.0057	ppm	9M10G7D	27M	20.60
41	10	2501	2685	0.0869	0.0056	ppm	9M11W7D	27M	19.39
41	15	2503.5	2682.5	0.1076	0.0064	ppm	13M7G7D	27M	20.32
41	15	2503.5	2682.5	0.0855	0.0083	ppm	13M7W7D	27M	19.32
41	20	2506	2680	0.1081	0.0075	ppm	18M2G7D	27M	20.34
41	20	2506	2680	0.0778	0.0058	ppm	18M2W7D	27M	18.91

7.2 Form731_EIRP

7.2.1 Test Result

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	0.1094	0.0092	ppm	4M58G7D	27M	20.39
41	5	2498.5	2687.5	0.0865	0.0112	ppm	4M62W7D	27M	19.37
41	10	2501	2685	0.1191	0.0057	ppm	9M10G7D	27M	20.76
41	10	2501	2685	0.0902	0.0056	ppm	9M11W7D	27M	19.55
41	15	2503.5	2682.5	0.1117	0.0064	ppm	13M7G7D	27M	20.48
41	15	2503.5	2682.5	0.0887	0.0083	ppm	13M7W7D	27M	19.48
41	20	2506	2680	0.1122	0.0075	ppm	18M2G7D	27M	20.50
41	20	2506	2680	0.0807	0.0058	ppm	18M2W7D	27M	19.07