

1. Effective (Isotropic) Radiated Power Output Data

1.1 B41_5MHz_EIRP

1.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	23.79	0.76	24.55	<=33.01	Pass
			13	23.88	0.76	24.64	<=33.01	Pass
			24	23.80	0.76	24.56	<=33.01	Pass
		12	0	22.76	0.76	23.52	<=33.01	Pass
			6	22.83	0.76	23.59	<=33.01	Pass
			13	22.91	0.76	23.67	<=33.01	Pass
		25	0	22.90	0.76	23.66	<=33.01	Pass
	2593	1	0	24.23	0.76	24.99	<=33.01	Pass
			13	24.39	0.76	25.15	<=33.01	Pass
			24	24.31	0.76	25.07	<=33.01	Pass
		12	0	23.45	0.76	24.21	<=33.01	Pass
			6	23.53	0.76	24.29	<=33.01	Pass
			13	23.29	0.76	24.05	<=33.01	Pass
		25	0	23.32	0.76	24.08	<=33.01	Pass
	2687.5	1	0	24.22	0.76	24.98	<=33.01	Pass
			13	24.48	0.76	25.24	<=33.01	Pass
			24	24.32	0.76	25.08	<=33.01	Pass
		12	0	23.40	0.76	24.16	<=33.01	Pass
			6	23.30	0.76	24.06	<=33.01	Pass
			13	23.15	0.76	23.91	<=33.01	Pass
		25	0	23.22	0.76	23.98	<=33.01	Pass
16QAM	2498.5	1	0	22.76	0.76	23.52	<=33.01	Pass
			13	22.99	0.76	23.75	<=33.01	Pass
			24	22.79	0.76	23.55	<=33.01	Pass
		12	0	21.66	0.76	22.42	<=33.01	Pass
			6	21.74	0.76	22.50	<=33.01	Pass
			13	21.86	0.76	22.62	<=33.01	Pass
		25	0	21.82	0.76	22.58	<=33.01	Pass
	2593	1	0	23.45	0.76	24.21	<=33.01	Pass
			13	23.50	0.76	24.26	<=33.01	Pass
			24	23.32	0.76	24.08	<=33.01	Pass
		12	0	22.35	0.76	23.11	<=33.01	Pass
			6	22.35	0.76	23.11	<=33.01	Pass
			13	22.32	0.76	23.08	<=33.01	Pass
		25	0	22.26	0.76	23.02	<=33.01	Pass
	2687.5	1	0	23.56	0.76	24.32	<=33.01	Pass
			13	23.66	0.76	24.42	<=33.01	Pass
			24	23.11	0.76	23.87	<=33.01	Pass
		12	0	22.12	0.76	22.88	<=33.01	Pass
			6	22.19	0.76	22.95	<=33.01	Pass
			13	22.07	0.76	22.83	<=33.01	Pass
		25	0	22.31	0.76	23.07	<=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	23.87	0.76	24.63	<=33.01	Pass
			25	24.11	0.76	24.87	<=33.01	Pass
			49	23.92	0.76	24.68	<=33.01	Pass
		25	0	22.83	0.76	23.59	<=33.01	Pass
			13	22.94	0.76	23.70	<=33.01	Pass
			25	22.92	0.76	23.68	<=33.01	Pass
		50	0	22.81	0.76	23.57	<=33.01	Pass
	2593	1	0	24.36	0.76	25.12	<=33.01	Pass
			25	24.61	0.76	25.37	<=33.01	Pass
			49	24.40	0.76	25.16	<=33.01	Pass
		25	0	23.42	0.76	24.18	<=33.01	Pass
			13	23.32	0.76	24.08	<=33.01	Pass
			25	23.45	0.76	24.21	<=33.01	Pass
		50	0	23.39	0.76	24.15	<=33.01	Pass
	2685	1	0	24.24	0.76	25.00	<=33.01	Pass
			25	24.59	0.76	25.35	<=33.01	Pass
			49	24.15	0.76	24.91	<=33.01	Pass
		25	0	23.26	0.76	24.02	<=33.01	Pass
			13	23.22	0.76	23.98	<=33.01	Pass
			25	23.32	0.76	24.08	<=33.01	Pass
		50	0	23.18	0.76	23.94	<=33.01	Pass
16QAM	2501	1	0	22.84	0.76	23.60	<=33.01	Pass
			25	23.04	0.76	23.80	<=33.01	Pass
			49	22.68	0.76	23.44	<=33.01	Pass
		25	0	21.78	0.76	22.54	<=33.01	Pass
			13	21.85	0.76	22.61	<=33.01	Pass
			25	21.89	0.76	22.65	<=33.01	Pass
		50	0	21.82	0.76	22.58	<=33.01	Pass
	2593	1	0	23.23	0.76	23.99	<=33.01	Pass
			25	23.32	0.76	24.08	<=33.01	Pass
			49	23.15	0.76	23.91	<=33.01	Pass
		25	0	22.32	0.76	23.08	<=33.01	Pass
			13	22.32	0.76	23.08	<=33.01	Pass
			25	22.33	0.76	23.09	<=33.01	Pass
		50	0	22.25	0.76	23.01	<=33.01	Pass
	2685	1	0	22.92	0.76	23.68	<=33.01	Pass
			25	23.69	0.76	24.45	<=33.01	Pass
			49	22.79	0.76	23.55	<=33.01	Pass
		25	0	22.36	0.76	23.12	<=33.01	Pass
			13	22.21	0.76	22.97	<=33.01	Pass
			25	22.12	0.76	22.88	<=33.01	Pass
		50	0	22.29	0.76	23.05	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B41_15MHz_EIRP

1.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	23.80	0.76	24.56	<=33.01	Pass
			38	23.95	0.76	24.71	<=33.01	Pass
			74	23.78	0.76	24.54	<=33.01	Pass
		36	0	22.93	0.76	23.69	<=33.01	Pass
			18	22.93	0.76	23.69	<=33.01	Pass
			39	23.03	0.76	23.79	<=33.01	Pass
		75	0	22.86	0.76	23.62	<=33.01	Pass
	2593	1	0	24.34	0.76	25.10	<=33.01	Pass
			38	24.54	0.76	25.30	<=33.01	Pass
			74	24.30	0.76	25.06	<=33.01	Pass
		36	0	23.48	0.76	24.24	<=33.01	Pass
			18	23.46	0.76	24.22	<=33.01	Pass
			39	23.52	0.76	24.28	<=33.01	Pass
		75	0	23.42	0.76	24.18	<=33.01	Pass
	2682.5	1	0	24.47	0.76	25.23	<=33.01	Pass
			38	24.37	0.76	25.13	<=33.01	Pass
			74	24.13	0.76	24.89	<=33.01	Pass
		36	0	23.35	0.76	24.11	<=33.01	Pass
			18	23.36	0.76	24.12	<=33.01	Pass
			39	23.27	0.76	24.03	<=33.01	Pass
		75	0	23.44	0.76	24.20	<=33.01	Pass
16QAM	2503.5	1	0	22.73	0.76	23.49	<=33.01	Pass
			38	22.86	0.76	23.62	<=33.01	Pass
			74	22.76	0.76	23.52	<=33.01	Pass
		36	0	21.78	0.76	22.54	<=33.01	Pass
			18	21.85	0.76	22.61	<=33.01	Pass
			39	21.87	0.76	22.63	<=33.01	Pass
		75	0	21.88	0.76	22.64	<=33.01	Pass
	2593	1	0	23.11	0.76	23.87	<=33.01	Pass
			38	23.17	0.76	23.93	<=33.01	Pass
			74	23.11	0.76	23.87	<=33.01	Pass
		36	0	22.40	0.76	23.16	<=33.01	Pass
			18	22.45	0.76	23.21	<=33.01	Pass
			39	22.31	0.76	23.07	<=33.01	Pass
		75	0	22.31	0.76	23.07	<=33.01	Pass
	2682.5	1	0	23.16	0.76	23.92	<=33.01	Pass
			38	23.43	0.76	24.19	<=33.01	Pass
			74	22.96	0.76	23.72	<=33.01	Pass
		36	0	22.41	0.76	23.17	<=33.01	Pass
			18	22.42	0.76	23.18	<=33.01	Pass
			39	22.33	0.76	23.09	<=33.01	Pass
		75	0	22.24	0.76	23.00	<=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	23.67	0.76	24.43	<=33.01	Pass
			50	24.16	0.76	24.92	<=33.01	Pass
			99	23.75	0.76	24.51	<=33.01	Pass
		50	0	22.75	0.76	23.51	<=33.01	Pass
			25	22.78	0.76	23.54	<=33.01	Pass
			50	22.82	0.76	23.58	<=33.01	Pass
		100	0	22.79	0.76	23.55	<=33.01	Pass
	2593	1	0	24.01	0.76	24.77	<=33.01	Pass
			50	24.70	0.76	25.46	<=33.01	Pass
			99	24.27	0.76	25.03	<=33.01	Pass
		50	0	23.32	0.76	24.08	<=33.01	Pass
			25	23.26	0.76	24.02	<=33.01	Pass
			50	23.37	0.76	24.13	<=33.01	Pass
		100	0	23.34	0.76	24.10	<=33.01	Pass
	2680	1	0	24.33	0.76	25.09	<=33.01	Pass
			50	24.63	0.76	25.39	<=33.01	Pass
			99	24.03	0.76	24.79	<=33.01	Pass
		50	0	23.24	0.76	24.00	<=33.01	Pass
			25	23.24	0.76	24.00	<=33.01	Pass
			50	23.29	0.76	24.05	<=33.01	Pass
		100	0	23.31	0.76	24.07	<=33.01	Pass
16QAM	2506	1	0	22.51	0.76	23.27	<=33.01	Pass
			50	22.96	0.76	23.72	<=33.01	Pass
			99	22.62	0.76	23.38	<=33.01	Pass
		50	0	21.63	0.76	22.39	<=33.01	Pass
			25	21.75	0.76	22.51	<=33.01	Pass
			50	21.80	0.76	22.56	<=33.01	Pass
		100	0	21.76	0.76	22.52	<=33.01	Pass
	2593	1	0	23.13	0.76	23.89	<=33.01	Pass
			50	23.63	0.76	24.39	<=33.01	Pass
			99	22.78	0.76	23.54	<=33.01	Pass
		50	0	22.20	0.76	22.96	<=33.01	Pass
			25	22.29	0.76	23.05	<=33.01	Pass
			50	22.24	0.76	23.00	<=33.01	Pass
		100	0	22.30	0.76	23.06	<=33.01	Pass
	2680	1	0	23.18	0.76	23.94	<=33.01	Pass
			50	23.55	0.76	24.31	<=33.01	Pass
			99	22.97	0.76	23.73	<=33.01	Pass
		50	0	22.37	0.76	23.13	<=33.01	Pass
			25	22.39	0.76	23.15	<=33.01	Pass
			50	22.24	0.76	23.00	<=33.01	Pass
		100	0	22.30	0.76	23.06	<=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	-9.470	-0.0038	-2.5 to 2.5	Pass
					3.85	294.113	0.1177	-2.5 to 2.5	Pass
					4.43	-4.792	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-9.212	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-25.692	-0.0103	-2.5 to 2.5	Pass
				-10	3.85	-26.364	-0.0106	-2.5 to 2.5	Pass
				0	3.85	-4.649	-0.0019	-2.5 to 2.5	Pass
				10	3.85	1.030	0.0004	-2.5 to 2.5	Pass
				30	3.85	1.945	0.0008	-2.5 to 2.5	Pass
				40	3.85	-7.524	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-29.011	-0.0116	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	7.467	0.0029	-2.5 to 2.5	Pass
					3.85	-0.572	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.401	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-8.769	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-1.302	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-15.492	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-3.018	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-7.353	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-5.507	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-8.039	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-9.227	-0.0036	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	-23.618	-0.0088	-2.5 to 2.5	Pass
					3.85	9.885	0.0037	-2.5 to 2.5	Pass
					4.43	6.766	0.0025	-2.5 to 2.5	Pass
				-30	3.85	-16.751	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	3.762	0.0014	-2.5 to 2.5	Pass
				-10	3.85	4.148	0.0015	-2.5 to 2.5	Pass
				0	3.85	4.134	0.0015	-2.5 to 2.5	Pass
				10	3.85	-3.805	-0.0014	-2.5 to 2.5	Pass
				30	3.85	9.398	0.0035	-2.5 to 2.5	Pass
				40	3.85	20.270	0.0075	-2.5 to 2.5	Pass
				50	3.85	18.125	0.0067	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	3.27	-12.002	-0.0048	-2.5 to 2.5	Pass
					3.85	-14.048	-0.0056	-2.5 to 2.5	Pass
					4.43	-9.928	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-13.990	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-14.191	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-7.339	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-22.459	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-20.256	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-27.967	-0.0112	-2.5 to 2.5	Pass
				40	3.85	2.561	0.0010	-2.5 to 2.5	Pass
				50	3.85	12.317	0.0049	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	5.221	0.0020	-2.5 to 2.5	Pass
					3.85	-5.479	-0.0021	-2.5 to 2.5	Pass
					4.43	-6.781	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-1.874	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	11.559	0.0045	-2.5 to 2.5	Pass
				-10	3.85	-11.945	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-16.294	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-0.544	-0.0002	-2.5 to 2.5	Pass

				30	3.85	-13.518	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-8.984	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-4.807	-0.0019	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	-21.644	-0.0081	-2.5 to 2.5	Pass
					3.85	8.669	0.0032	-2.5 to 2.5	Pass
					4.43	6.537	0.0024	-2.5 to 2.5	Pass
				-30	3.85	-8.225	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-19.555	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-12.603	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-3.991	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-15.535	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-8.068	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-21.057	-0.0078	-2.5 to 2.5	Pass
				50	3.85	-10.271	-0.0038	-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	-6.881	-0.0028	-2.5 to 2.5	Pass
					3.85	0.587	0.0002	-2.5 to 2.5	Pass
					4.43	-3.076	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-0.529	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-3.891	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.661	-0.0011	-2.5 to 2.5	Pass
				0	3.85	0.472	0.0002	-2.5 to 2.5	Pass
				10	3.85	-8.740	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-4.678	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-10.071	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-13.790	-0.0055	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	1.960	0.0008	-2.5 to 2.5	Pass
					3.85	-6.065	-0.0023	-2.5 to 2.5	Pass
					4.43	-7.267	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-5.336	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-14.834	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-14.563	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-0.572	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-12.774	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-9.885	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-12.875	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-12.374	-0.0048	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	-11.387	-0.0042	-2.5 to 2.5	Pass
					3.85	-15.264	-0.0057	-2.5 to 2.5	Pass
					4.43	-12.846	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-3.433	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-1.216	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-15.464	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-1.931	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-3.948	-0.0015	-2.5 to 2.5	Pass

16QAM	2501	50	0	30	3.85	-10.886	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-8.254	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-10.543	-0.0039	-2.5 to 2.5	Pass
				20	3.27	-11.787	-0.0047	-2.5 to 2.5	Pass
					3.85	-6.137	-0.0025	-2.5 to 2.5	Pass
					4.43	-1.345	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-9.098	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-16.050	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-9.012	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-9.012	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-10.071	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-10.285	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-3.219	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-10.071	-0.0040	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	-7.639	-0.0029	-2.5 to 2.5	Pass
					3.85	-3.819	-0.0015	-2.5 to 2.5	Pass
					4.43	-5.693	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-10.028	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-11.816	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-18.554	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-11.659	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-10.228	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-9.685	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-18.439	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-3.805	-0.0015	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	-10.114	-0.0038	-2.5 to 2.5	Pass
					3.85	-6.208	-0.0023	-2.5 to 2.5	Pass
					4.43	-7.339	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-10.643	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-1.788	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-3.247	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-11.415	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-5.765	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-12.889	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-5.922	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-5.736	-0.0021	-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	-14.091	-0.0056	-2.5 to 2.5	Pass
					3.85	-4.163	-0.0017	-2.5 to 2.5	Pass
					4.43	-7.639	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-1.831	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-9.527	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-7.224	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-13.733	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-13.762	-0.0055	-2.5 to 2.5	Pass

				30	3.85	-13.762	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-7.725	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-7.596	-0.0030	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	-13.375	-0.0052	-2.5 to 2.5	Pass
					3.85	-13.933	-0.0054	-2.5 to 2.5	Pass
					4.43	-14.162	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-7.868	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-15.593	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-13.876	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-9.484	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-13.361	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-12.875	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-9.484	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-9.170	-0.0035	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	-13.719	-0.0051	-2.5 to 2.5	Pass
					3.85	-7.167	-0.0027	-2.5 to 2.5	Pass
					4.43	4.420	0.0016	-2.5 to 2.5	Pass
				-30	3.85	-14.462	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-15.178	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-8.612	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-10.772	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-16.866	-0.0063	-2.5 to 2.5	Pass
				30	3.85	12.331	0.0046	-2.5 to 2.5	Pass
				40	3.85	-8.011	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-9.255	-0.0035	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	20	3.27	-4.663	-0.0019	-2.5 to 2.5	Pass
					3.85	-15.264	-0.0061	-2.5 to 2.5	Pass
					4.43	-20.914	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	-16.551	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-14.877	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-13.947	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-14.477	-0.0058	-2.5 to 2.5	Pass
				10	3.85	16.179	0.0065	-2.5 to 2.5	Pass
				30	3.85	-19.083	-0.0076	-2.5 to 2.5	Pass
				40	3.85	-20.170	-0.0081	-2.5 to 2.5	Pass
				50	3.85	-21.472	-0.0086	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	-9.098	-0.0035	-2.5 to 2.5	Pass
					3.85	-8.140	-0.0031	-2.5 to 2.5	Pass
					4.43	4.921	0.0019	-2.5 to 2.5	Pass
				-30	3.85	-8.826	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-9.413	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-16.079	-0.0062	-2.5 to 2.5	Pass
				0	3.85	5.679	0.0022	-2.5 to 2.5	Pass
				10	3.85	-12.431	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-10.185	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-5.493	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-10.729	-0.0041	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	-7.954	-0.0030	-2.5 to 2.5	Pass
					3.85	-9.184	-0.0034	-2.5 to 2.5	Pass
					4.43	-7.825	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-15.035	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-6.423	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-9.899	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-8.240	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-8.326	-0.0031	-2.5 to 2.5	Pass

				30	3.85	-10.242	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-13.204	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-6.723	-0.0025	-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	-4.277	-0.0017	-2.5 to 2.5	Pass
					3.85	-7.310	-0.0029	-2.5 to 2.5	Pass
					4.43	-2.561	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-9.956	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-16.165	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-15.464	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-8.483	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-16.594	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-5.550	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-14.992	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-8.426	-0.0034	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	-8.340	-0.0032	-2.5 to 2.5	Pass
					3.85	-9.127	-0.0035	-2.5 to 2.5	Pass
					4.43	-1.416	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-4.034	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-3.319	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-4.678	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-2.232	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-4.177	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-9.513	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-4.478	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-9.527	-0.0037	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	-6.208	-0.0023	-2.5 to 2.5	Pass
					3.85	-5.064	-0.0019	-2.5 to 2.5	Pass
					4.43	-4.292	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-11.644	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-15.736	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-10.872	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-9.828	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-11.458	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-5.765	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-17.595	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-10.128	-0.0038	-2.5 to 2.5	Pass
16QAM	2506	100	0	20	3.27	-9.484	-0.0038	-2.5 to 2.5	Pass
					3.85	-8.569	-0.0034	-2.5 to 2.5	Pass
					4.43	-6.981	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-15.864	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-7.424	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-13.690	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-5.937	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-9.112	-0.0036	-2.5 to 2.5	Pass

	2593	100	0	30	3.85	-15.235	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-16.079	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-10.729	-0.0043	-2.5 to 2.5	Pass
				20	3.27	-5.965	-0.0023	-2.5 to 2.5	Pass
					3.85	1.202	0.0005	-2.5 to 2.5	Pass
					4.43	-11.215	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-9.341	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-3.648	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-9.155	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-11.029	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-6.366	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-10.872	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-11.773	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-11.601	-0.0045	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	-7.281	-0.0027	-2.5 to 2.5	Pass
					3.85	-14.005	-0.0052	-2.5 to 2.5	Pass
					4.43	-12.617	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-8.183	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-15.378	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-12.617	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-2.546	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-10.357	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-8.540	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-2.017	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-3.891	-0.0015	-2.5 to 2.5	Pass

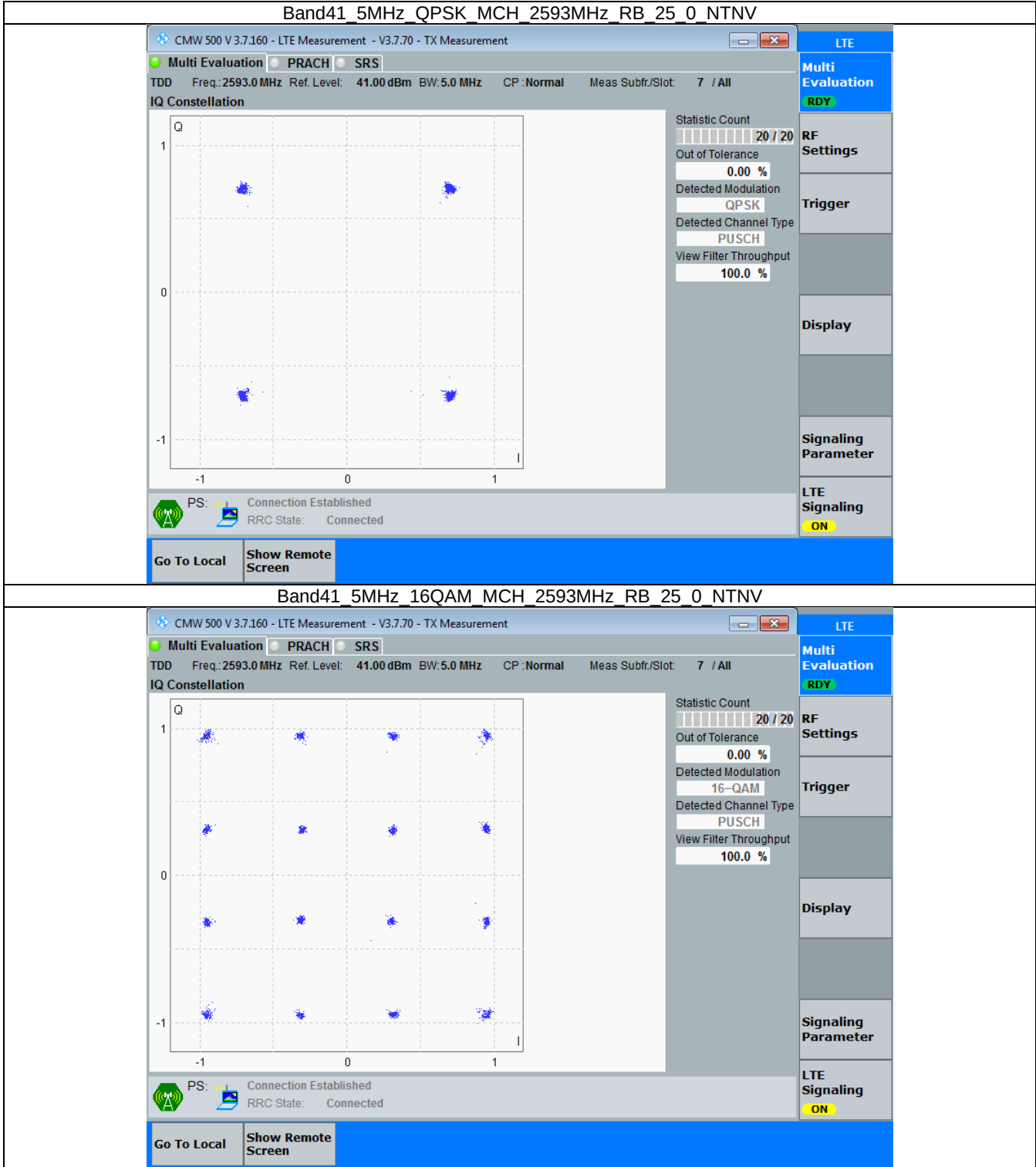
3. Modulation Characteristics

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

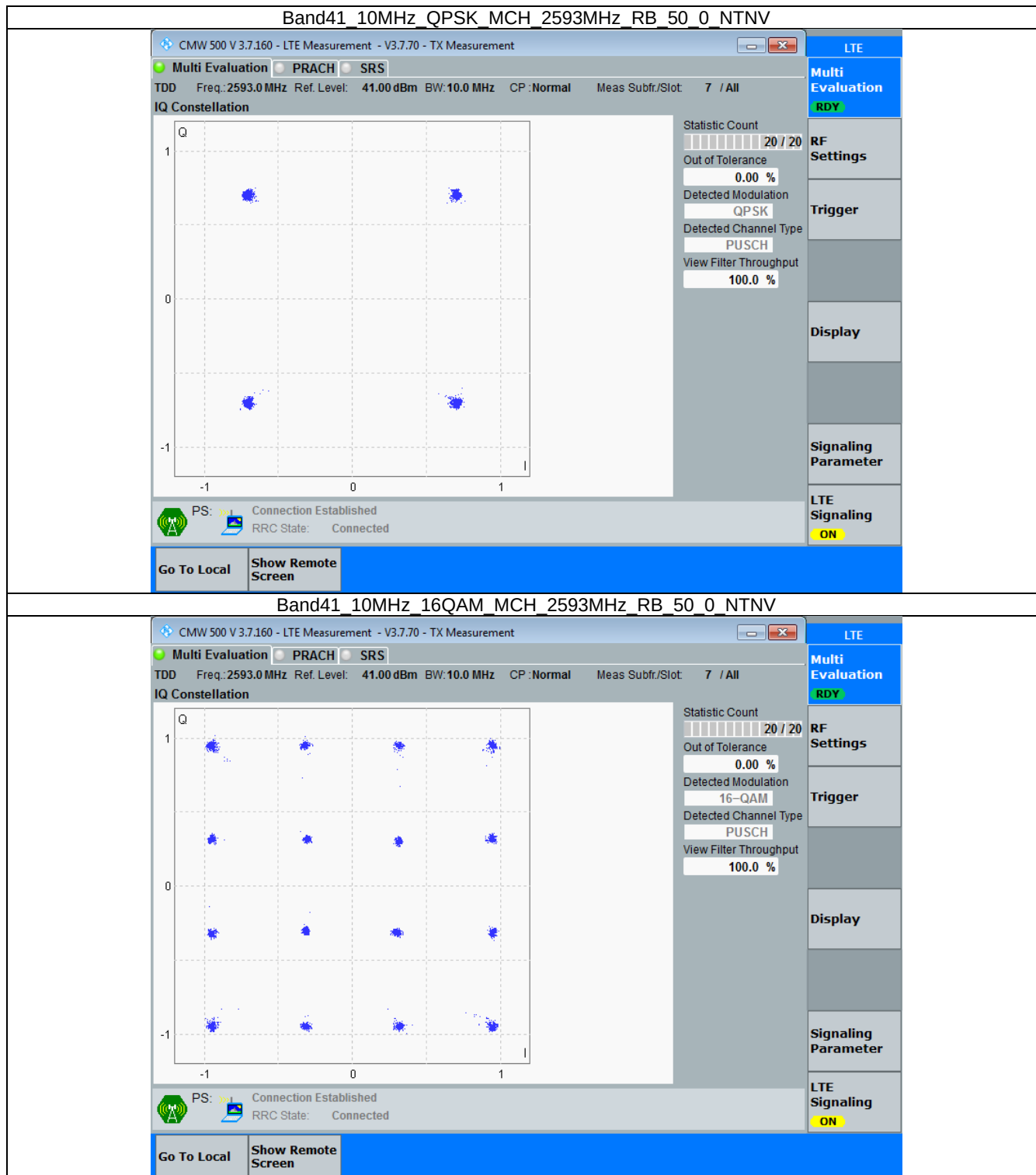


3.2 B41_10MHz

3.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTVN						
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

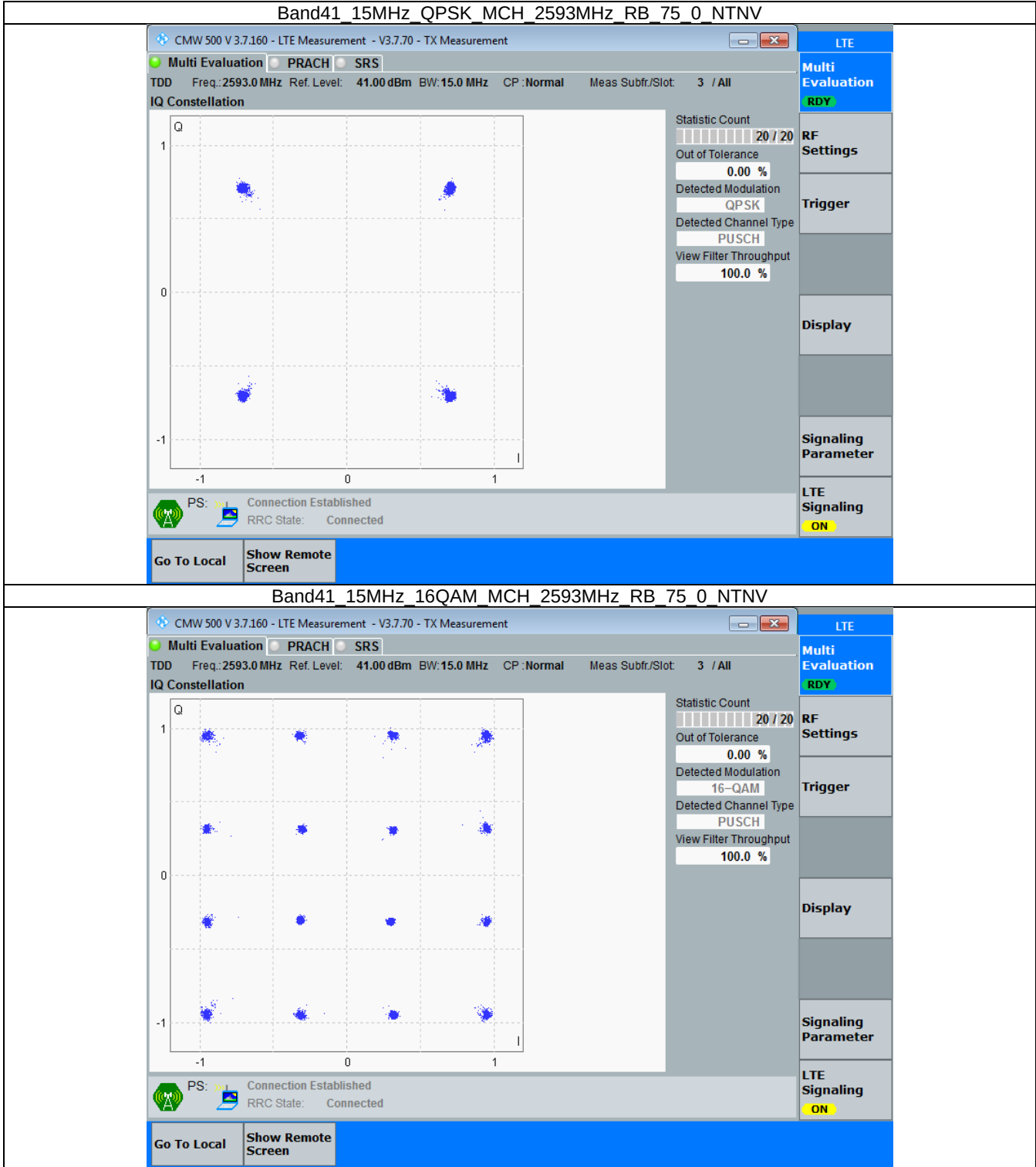


3.3 B41_15MHz

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

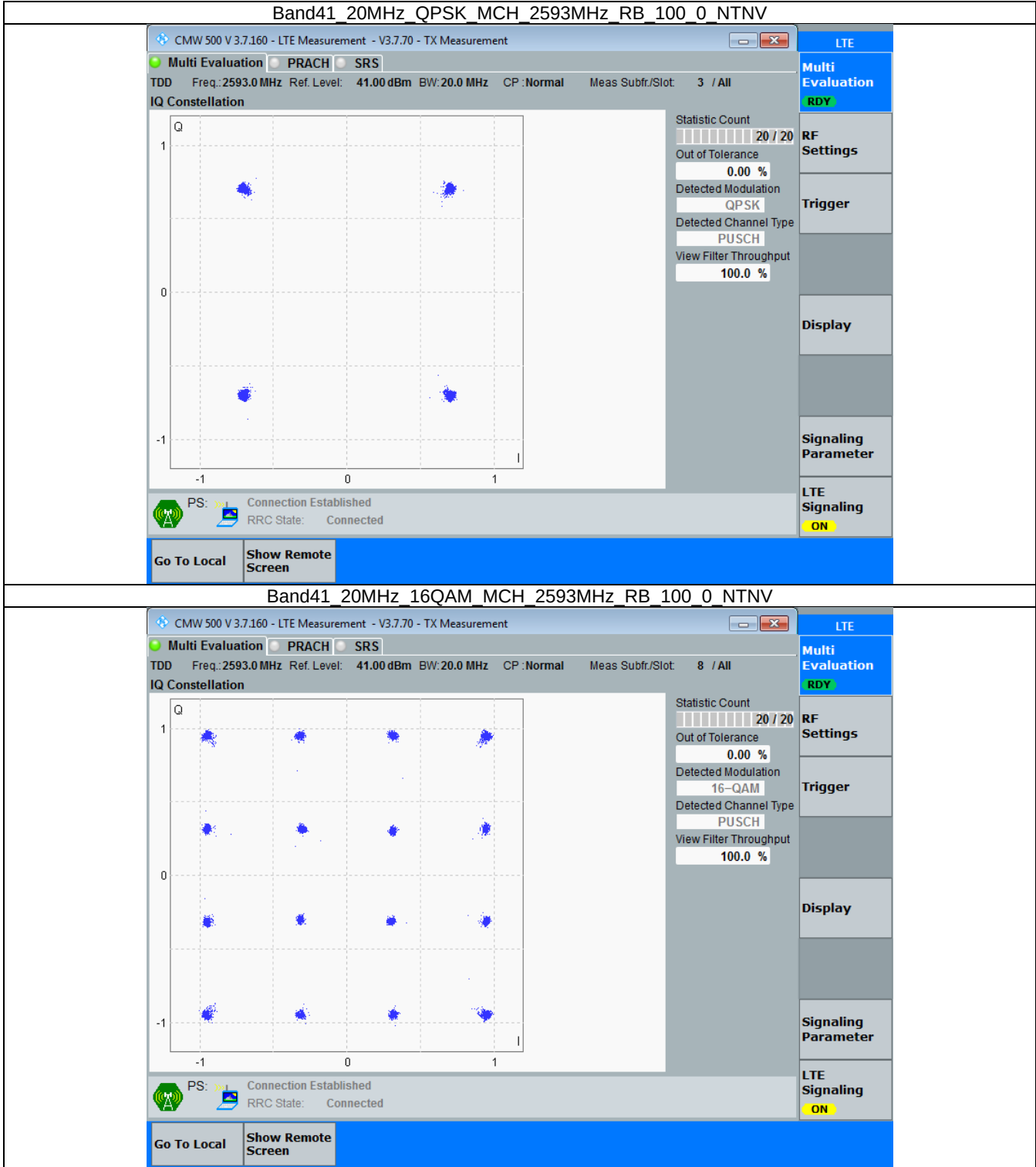


3.4 B41_20MHz

3.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / 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

3.4.2 Test Graph



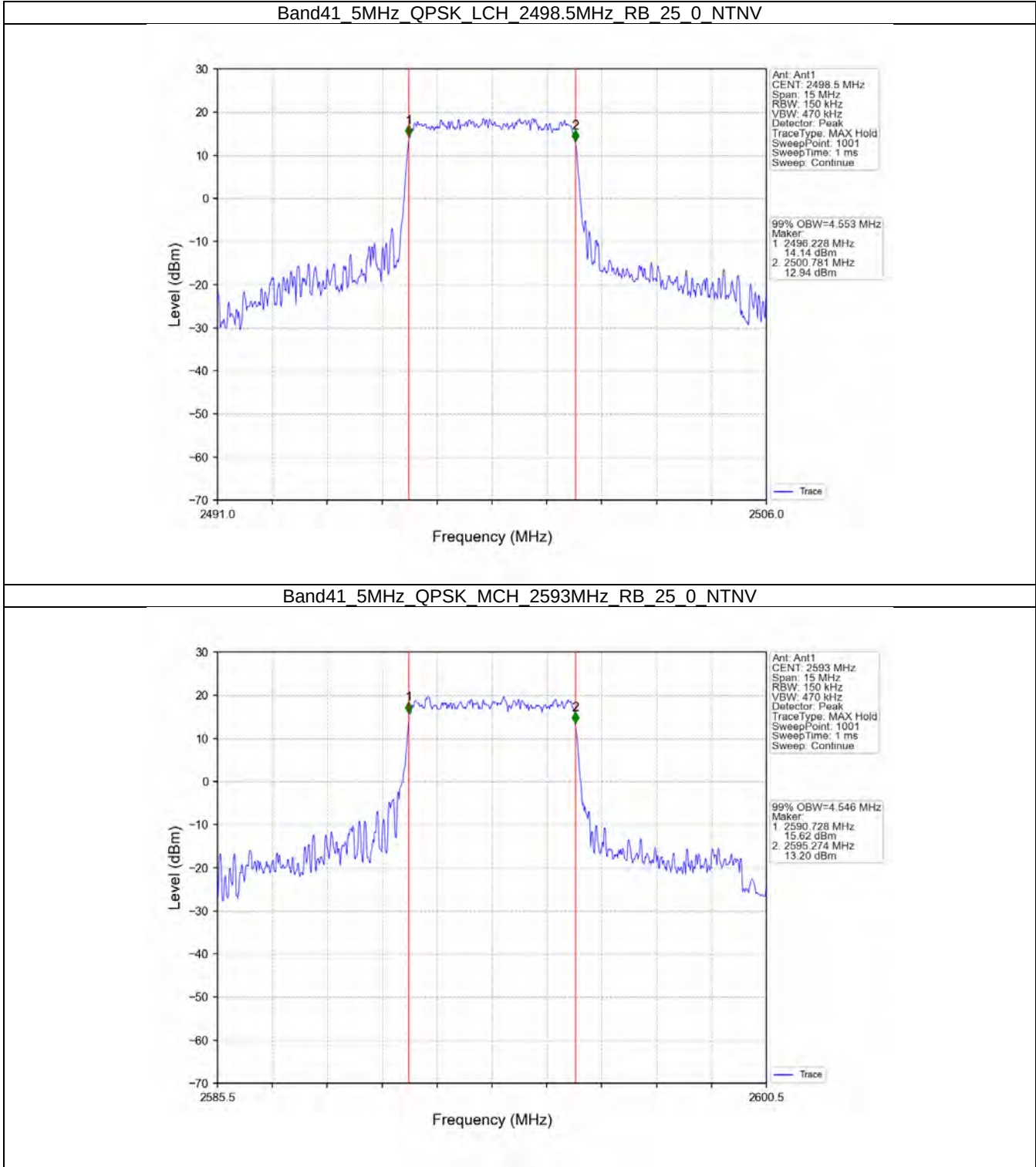
4. 99% & 26dB Bandwidth

4.1 Band41_OBW

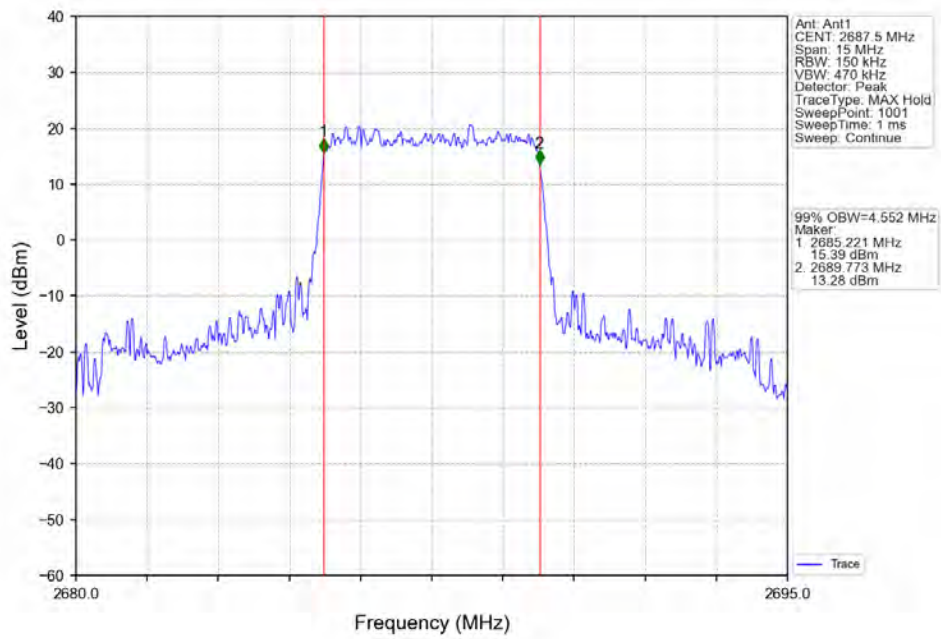
4.1.1 Test Result

Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	4.553	Pass
		2593	25	0	4.546	Pass
		2687.5	25	0	4.552	Pass
	16QAM	2498.5	25	0	4.574	Pass
		2593	25	0	4.542	Pass
		2687.5	25	0	4.545	Pass
10	QPSK	2501	50	0	9.055	Pass
		2593	50	0	9.061	Pass
		2685	50	0	9.069	Pass
	16QAM	2501	50	0	9.063	Pass
		2593	50	0	9.039	Pass
		2685	50	0	9.059	Pass
15	QPSK	2503.5	75	0	13.625	Pass
		2593	75	0	13.577	Pass
		2682.5	75	0	13.556	Pass
	16QAM	2503.5	75	0	13.594	Pass
		2593	75	0	13.608	Pass
		2682.5	75	0	13.635	Pass
20	QPSK	2506	100	0	18.092	Pass
		2593	100	0	18.054	Pass
		2680	100	0	18.123	Pass
	16QAM	2506	100	0	18.046	Pass
		2593	100	0	18.115	Pass
		2680	100	0	18.107	Pass

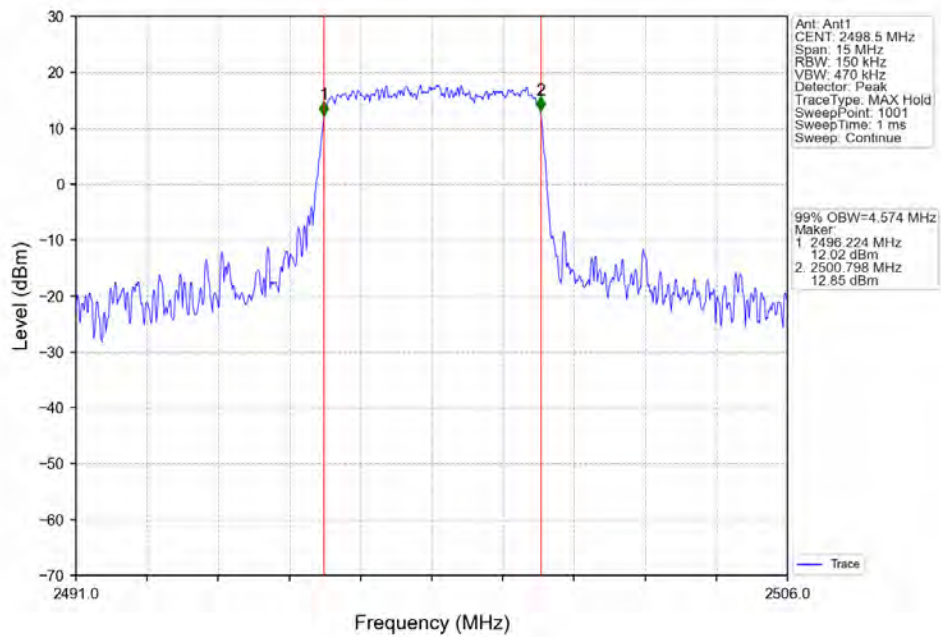
4.1.2 Test Graph



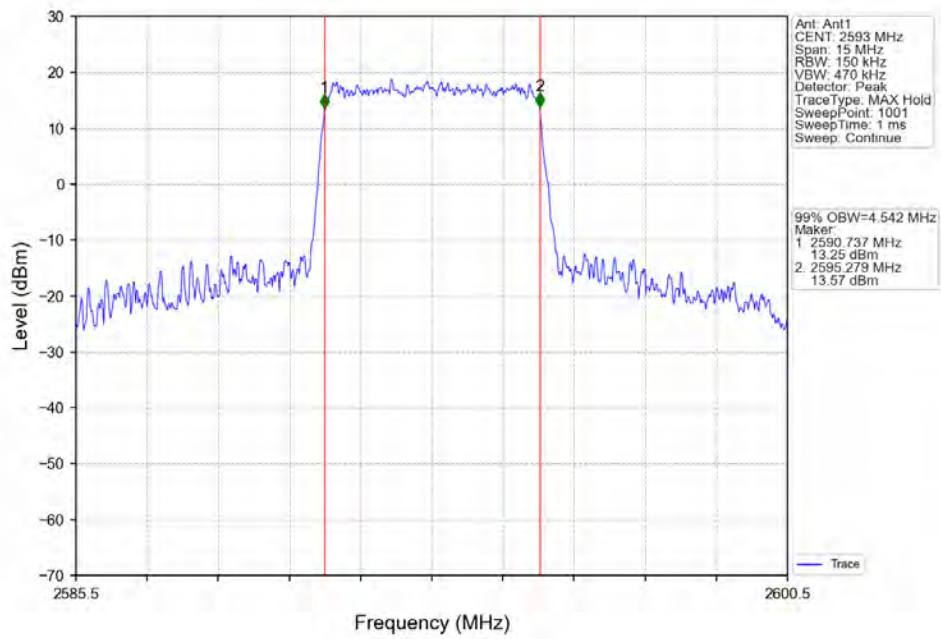
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



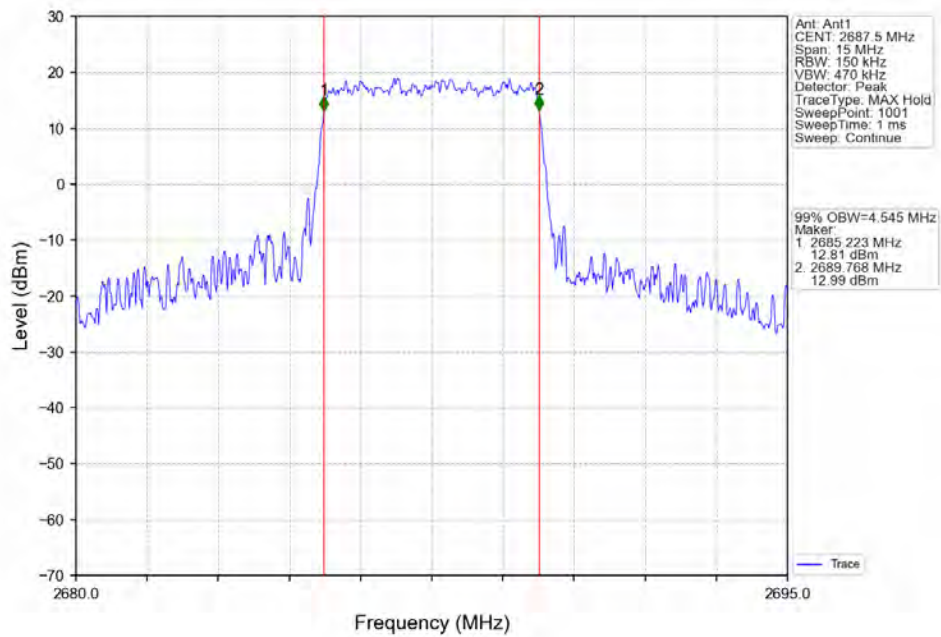
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



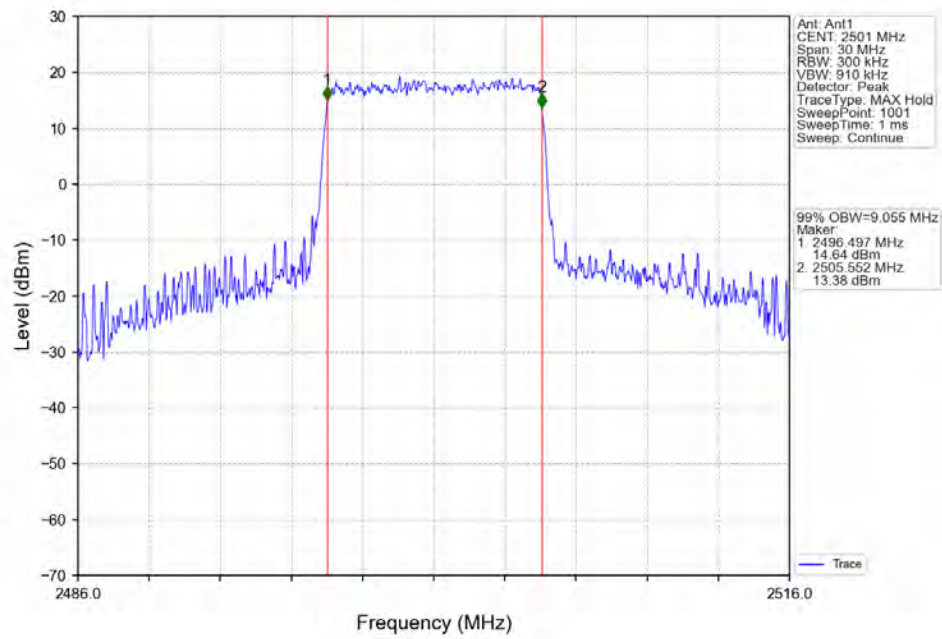
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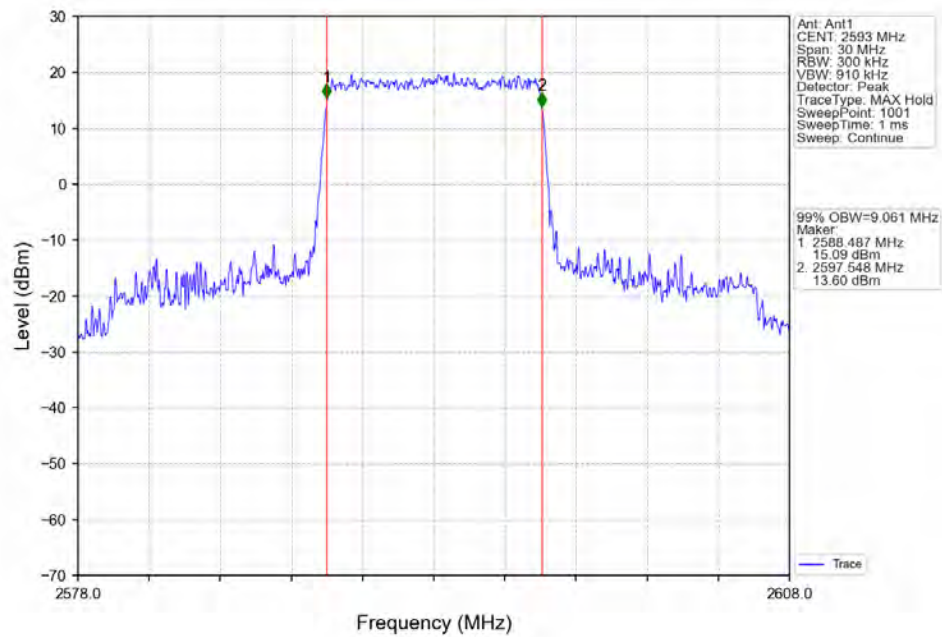
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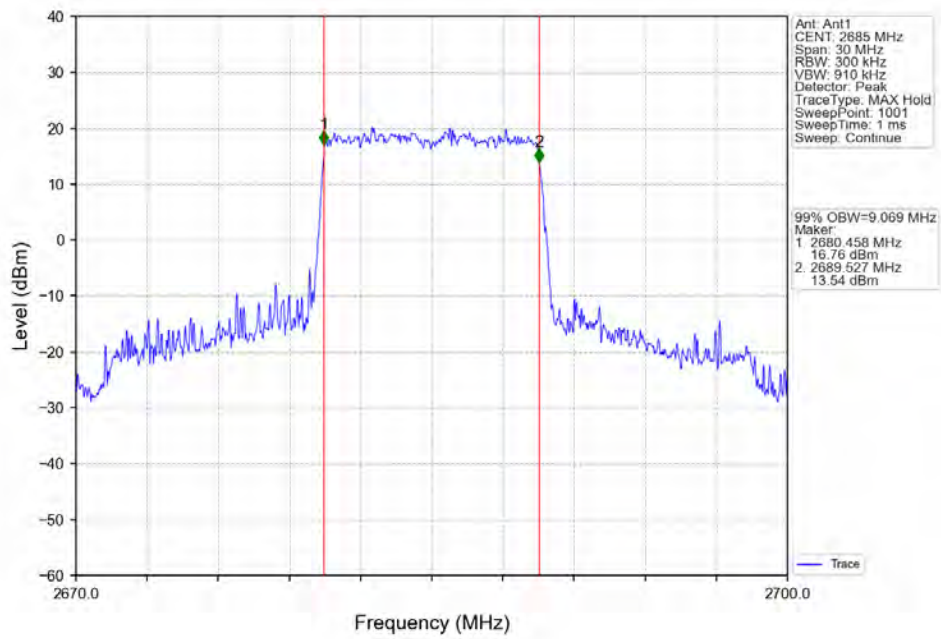
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



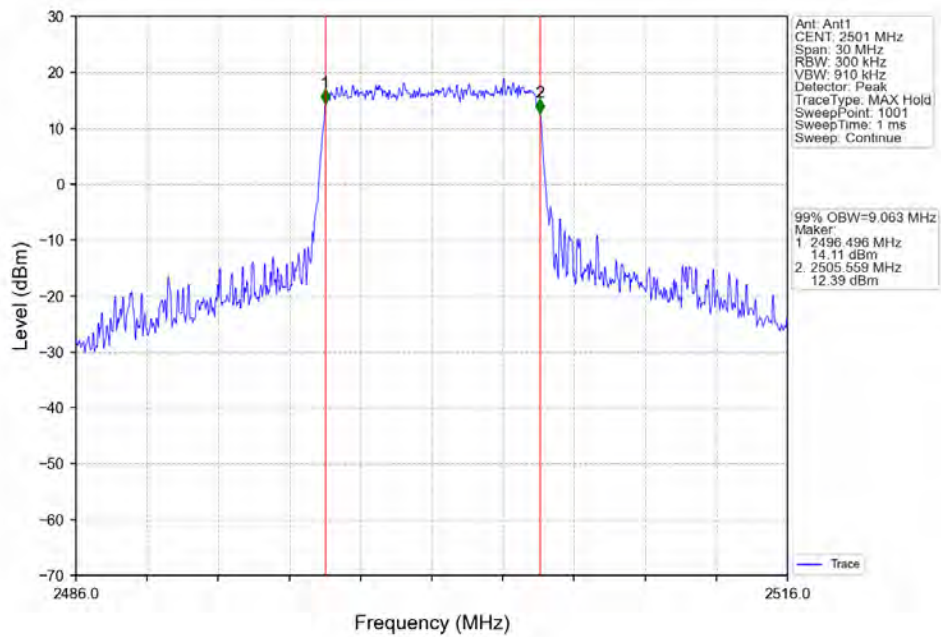
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



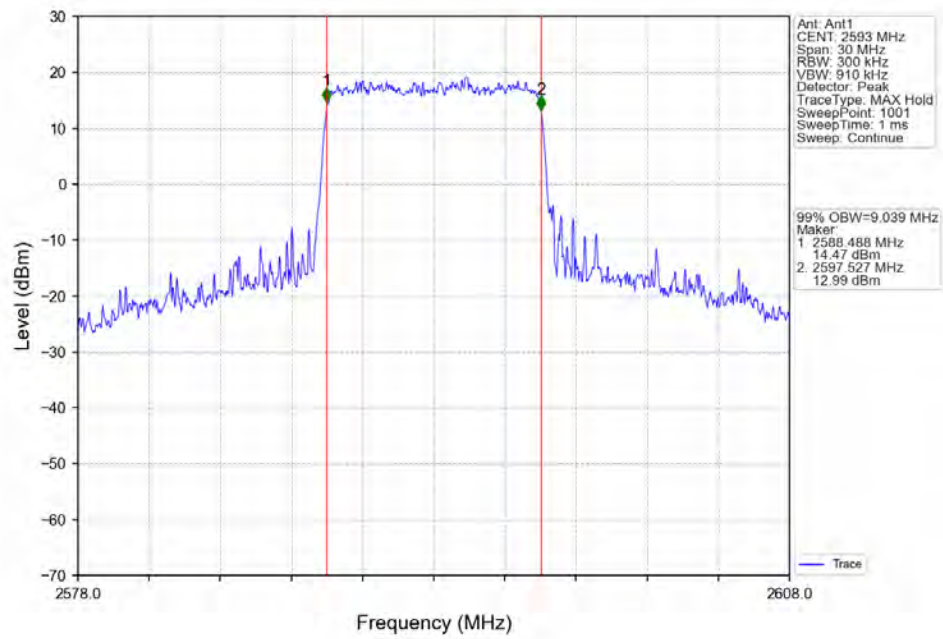
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



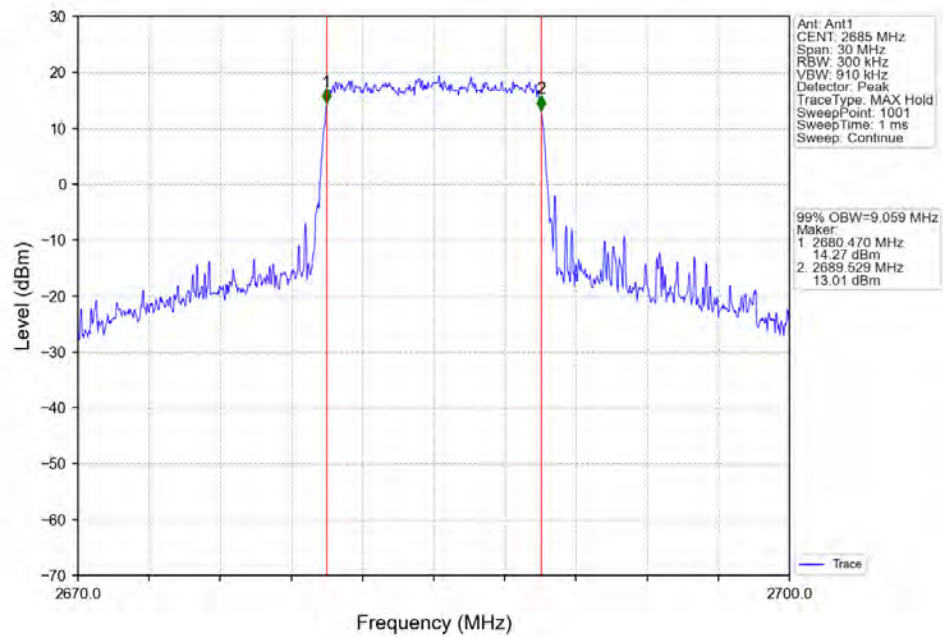
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



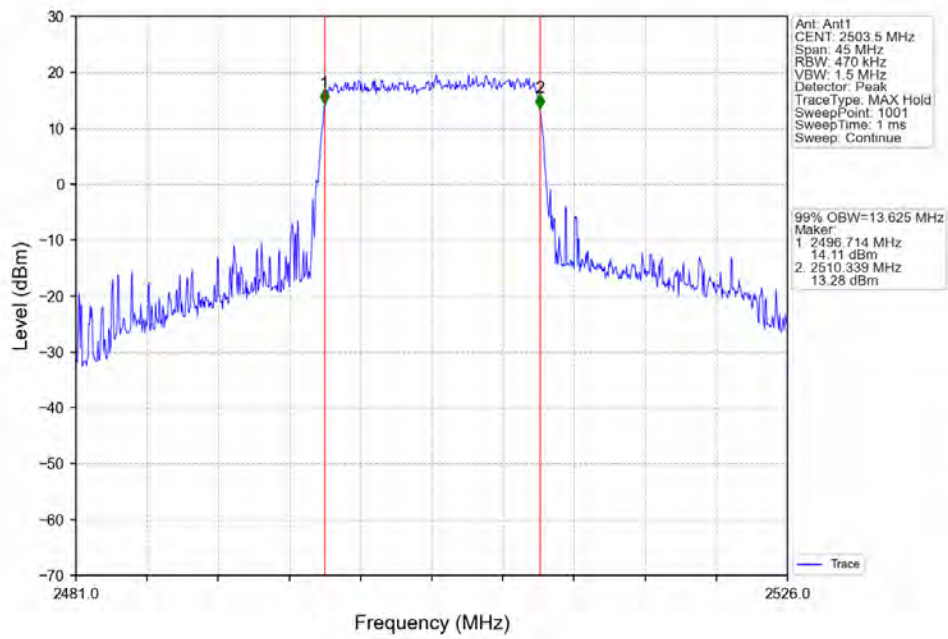
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



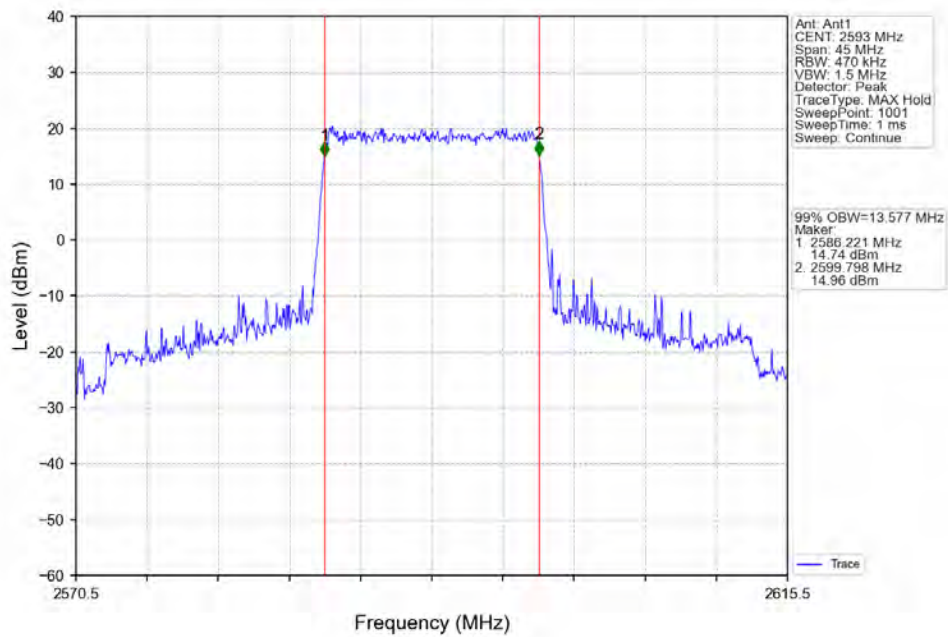
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



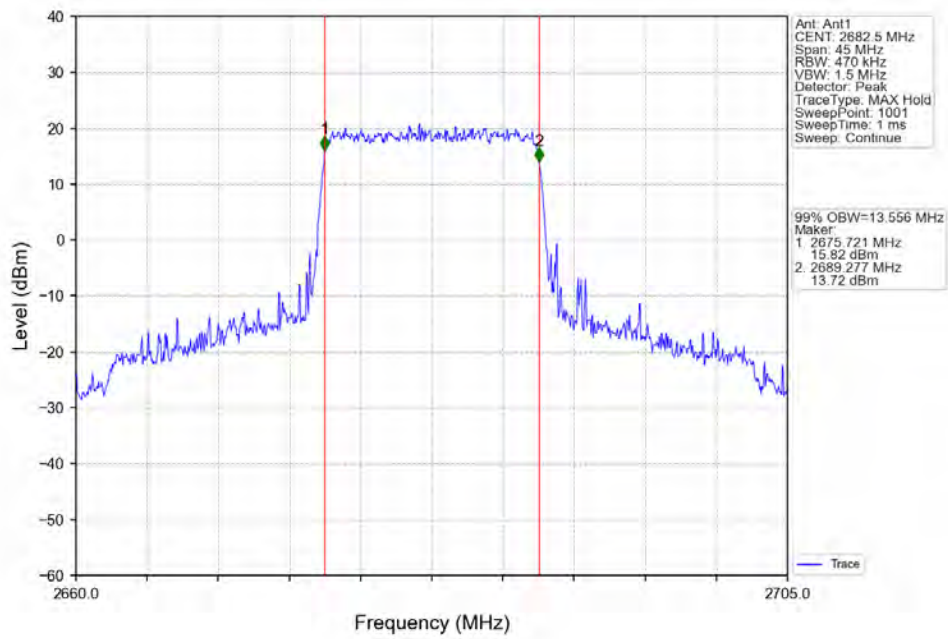
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



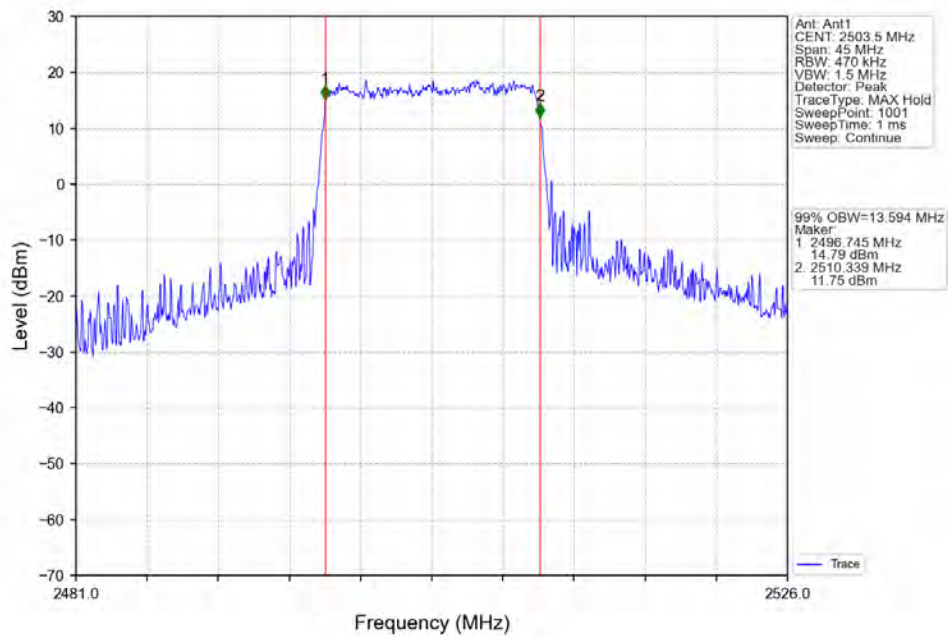
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



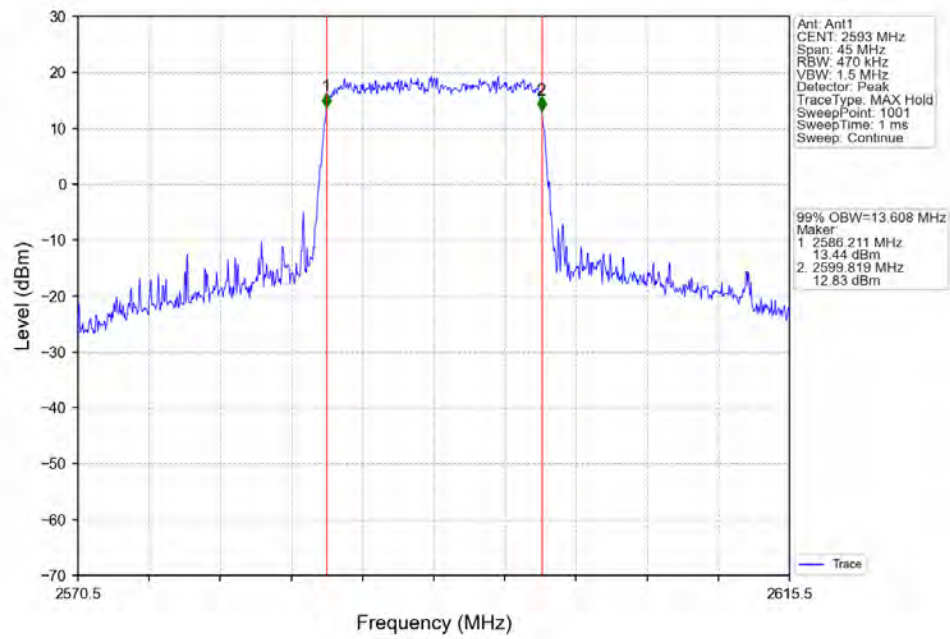
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



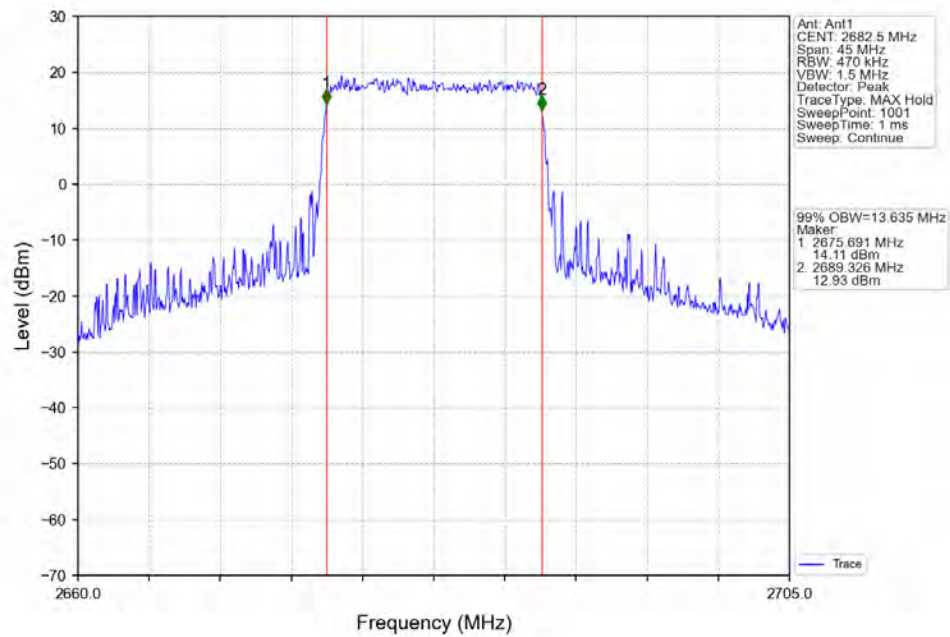
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



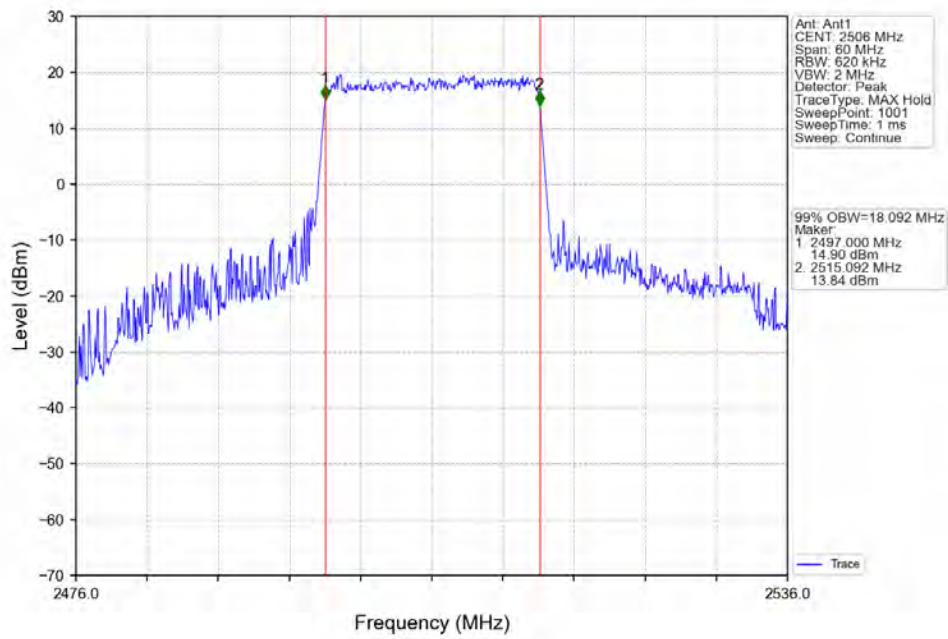
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



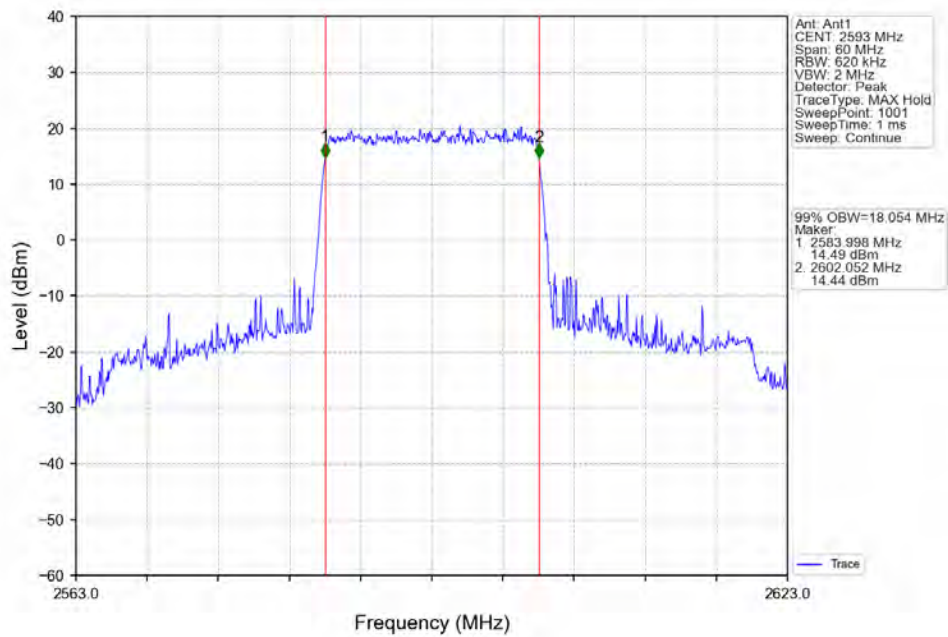
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



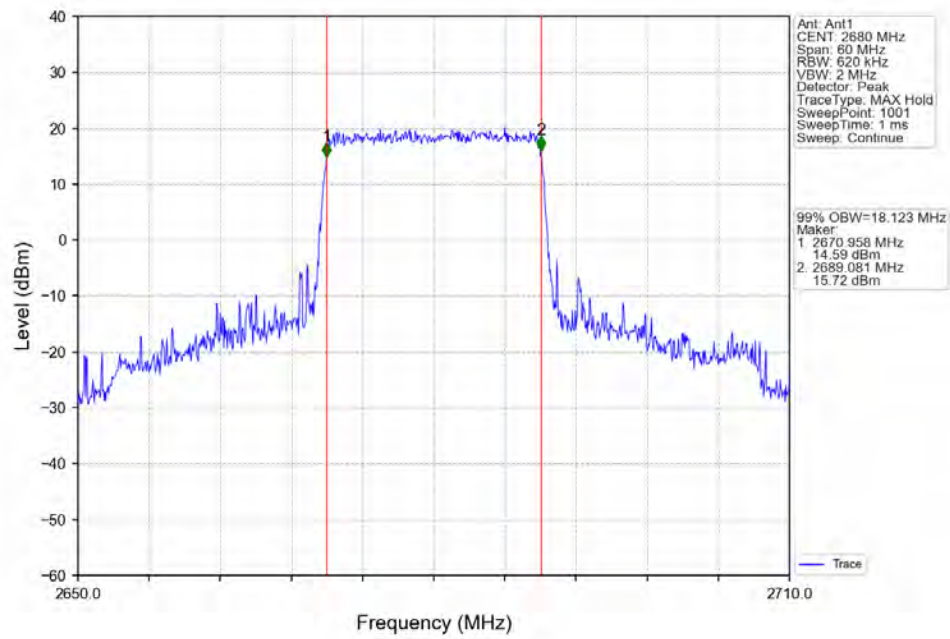
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



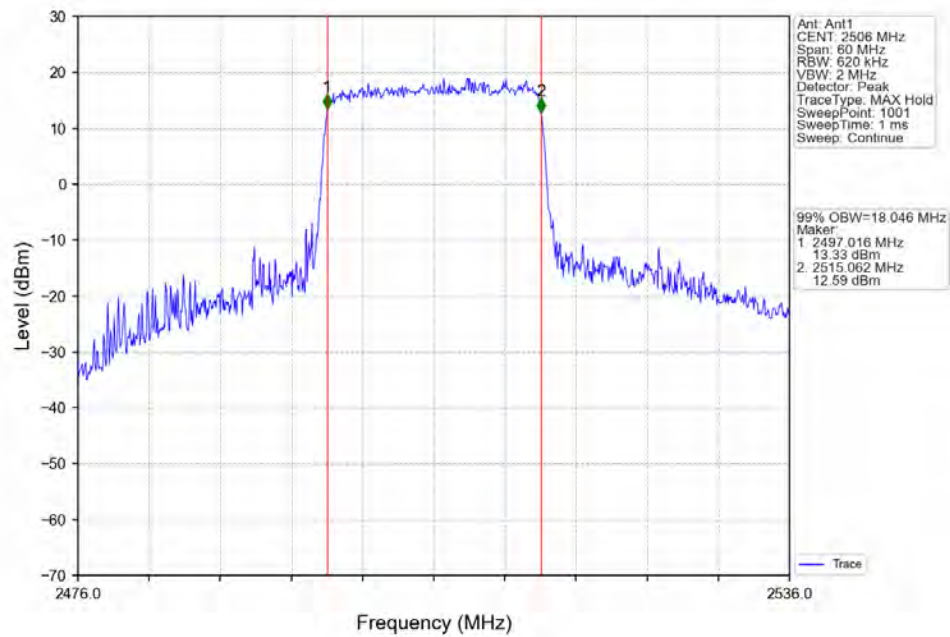
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



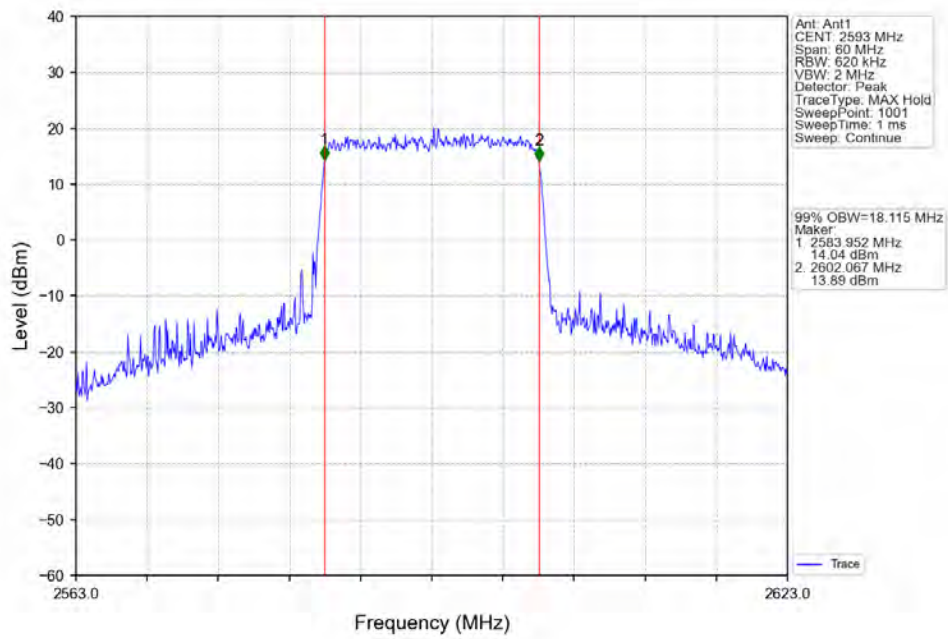
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



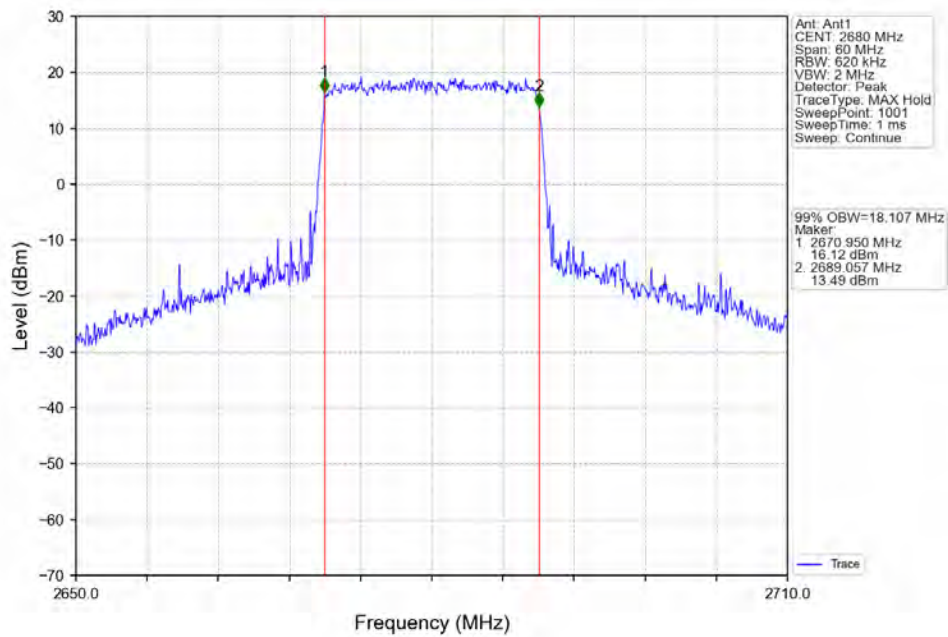
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV

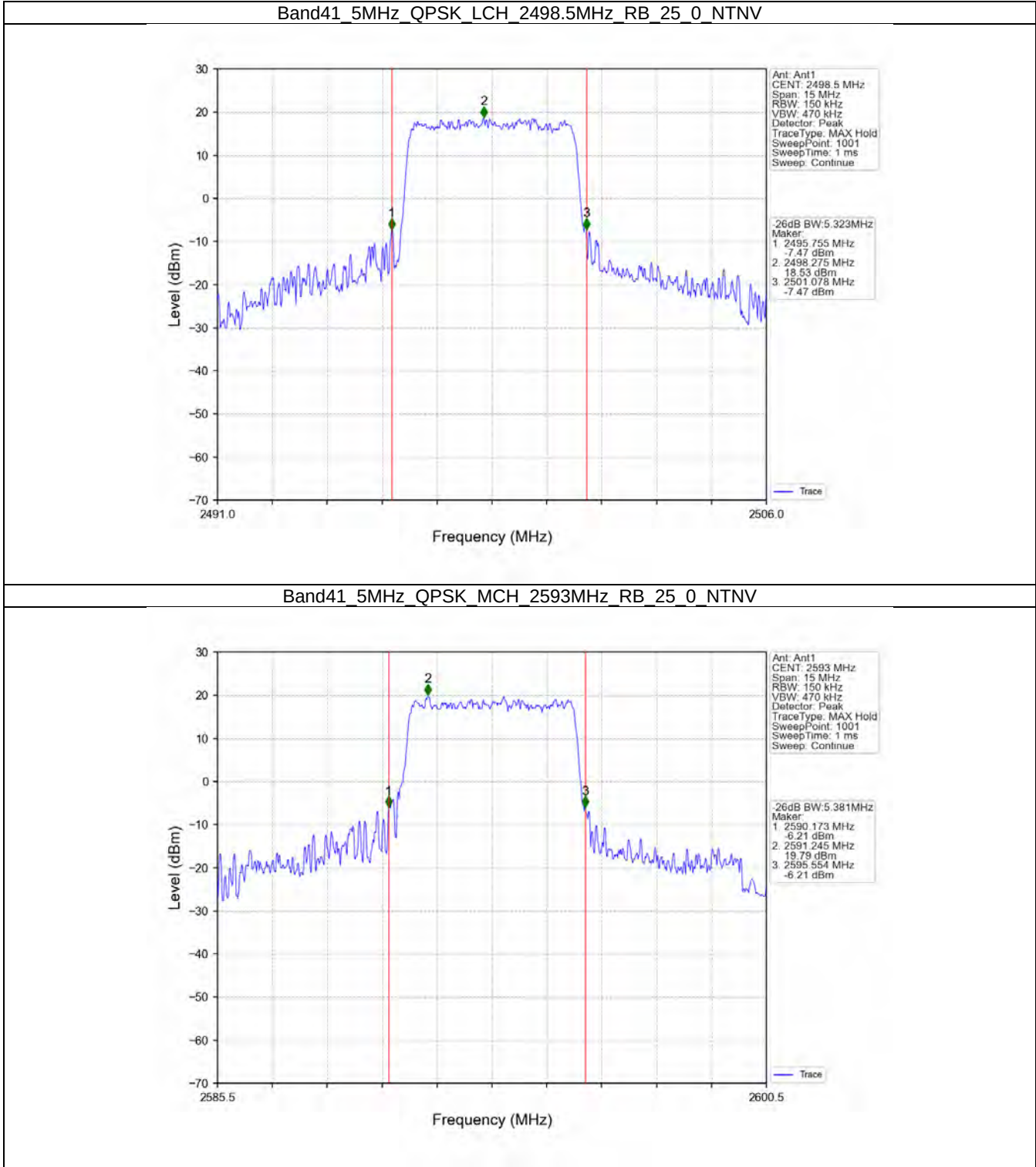


4.2 Band41_XDB

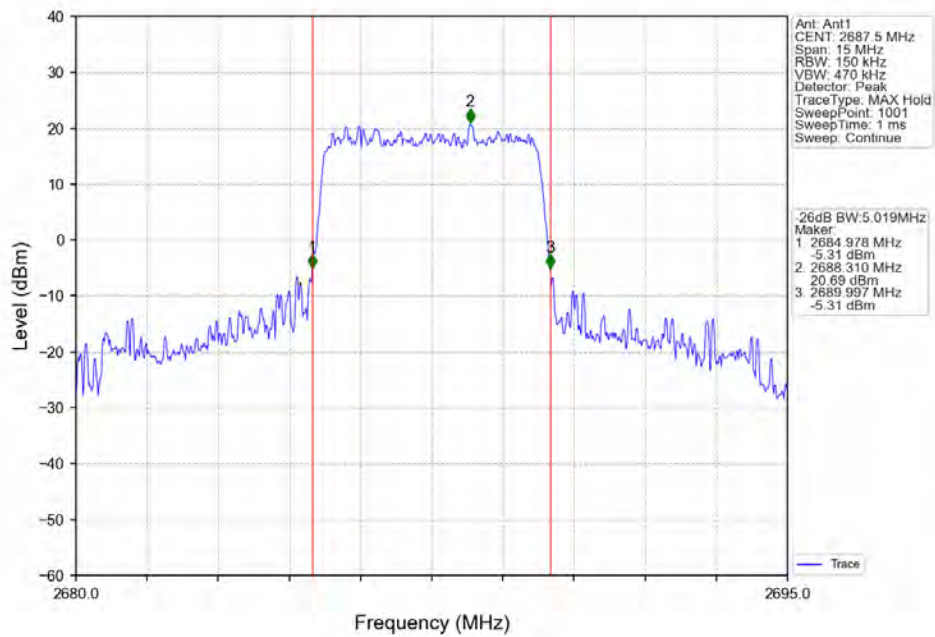
4.2.1 Test Result

Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	5.323	Pass
		2593	25	0	5.381	Pass
		2687.5	25	0	5.019	Pass
	16QAM	2498.5	25	0	5.323	Pass
		2593	25	0	5.011	Pass
		2687.5	25	0	5.163	Pass
10	QPSK	2501	50	0	10.133	Pass
		2593	50	0	9.907	Pass
		2685	50	0	10.121	Pass
	16QAM	2501	50	0	10.392	Pass
		2593	50	0	10.815	Pass
		2685	50	0	10.146	Pass
15	QPSK	2503.5	75	0	16.751	Pass
		2593	75	0	15.033	Pass
		2682.5	75	0	15.706	Pass
	16QAM	2503.5	75	0	17.806	Pass
		2593	75	0	15.745	Pass
		2682.5	75	0	18.191	Pass
20	QPSK	2506	100	0	20.623	Pass
		2593	100	0	19.640	Pass
		2680	100	0	21.710	Pass
	16QAM	2506	100	0	20.353	Pass
		2593	100	0	20.876	Pass
		2680	100	0	20.281	Pass

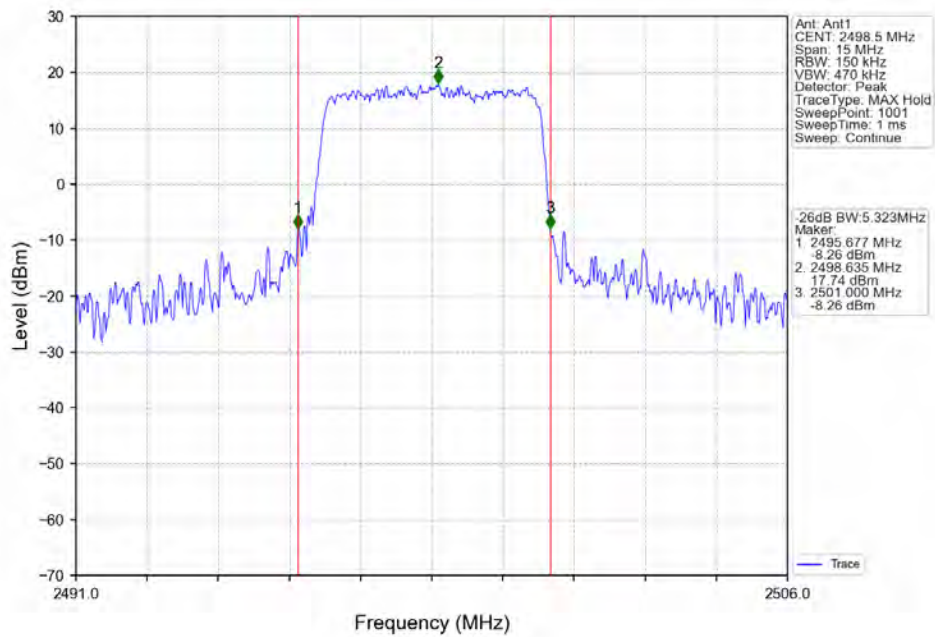
4.2.2 Test Graph



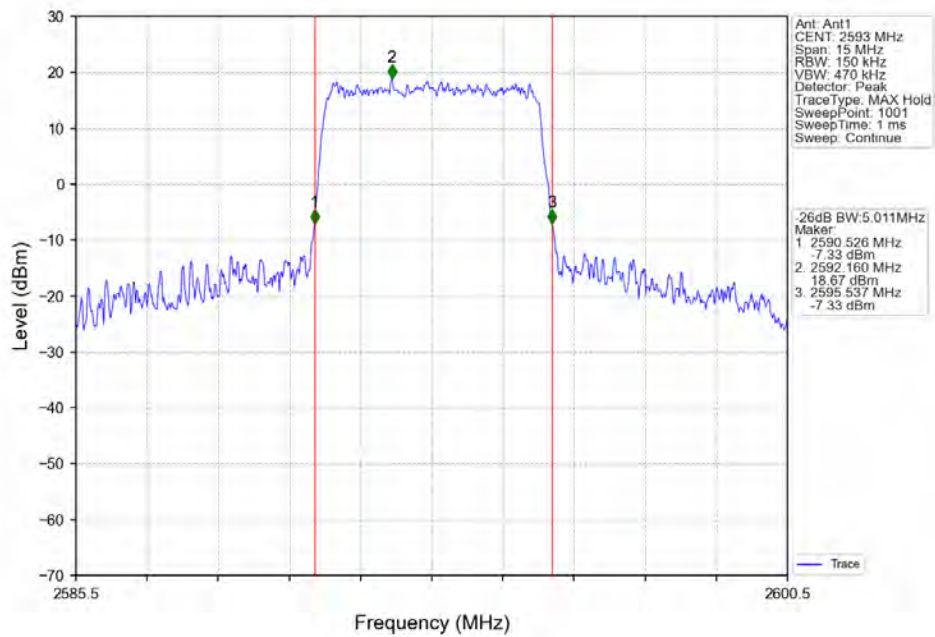
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



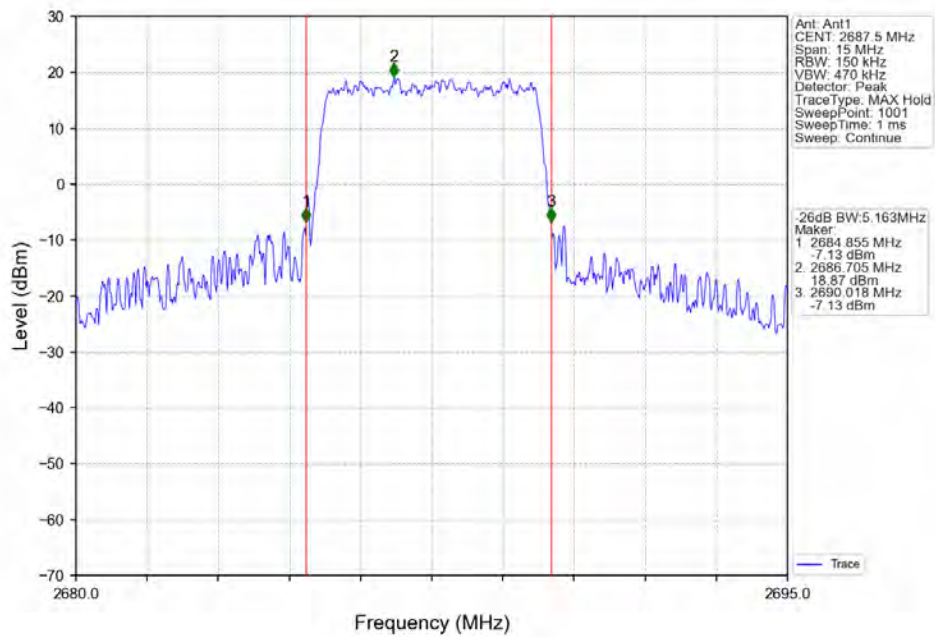
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



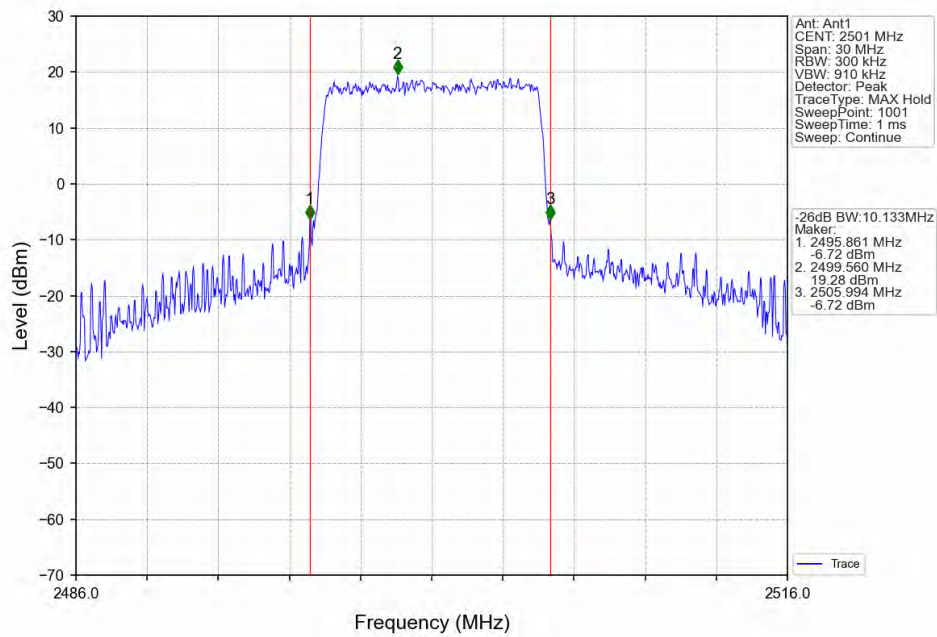
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



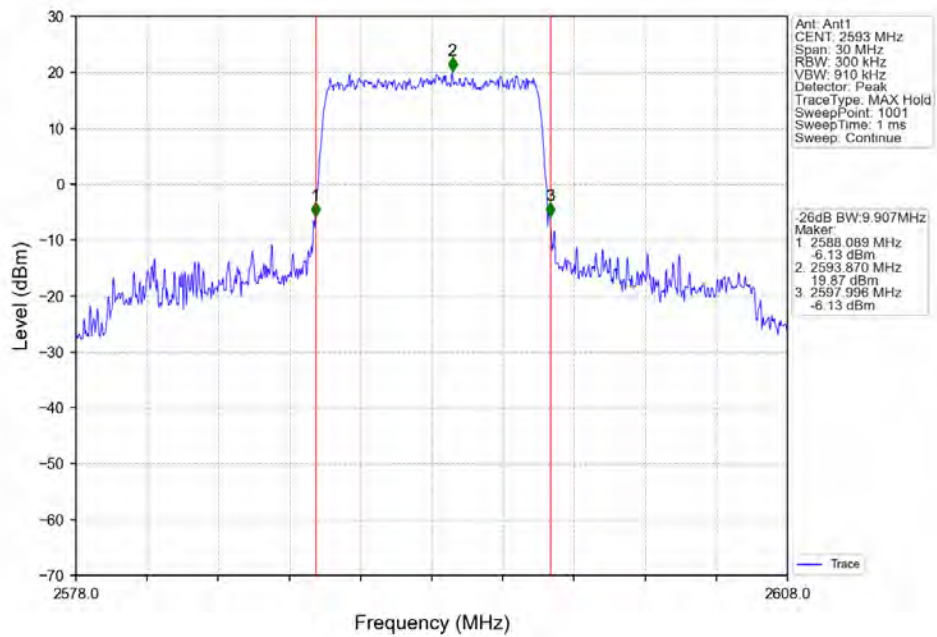
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



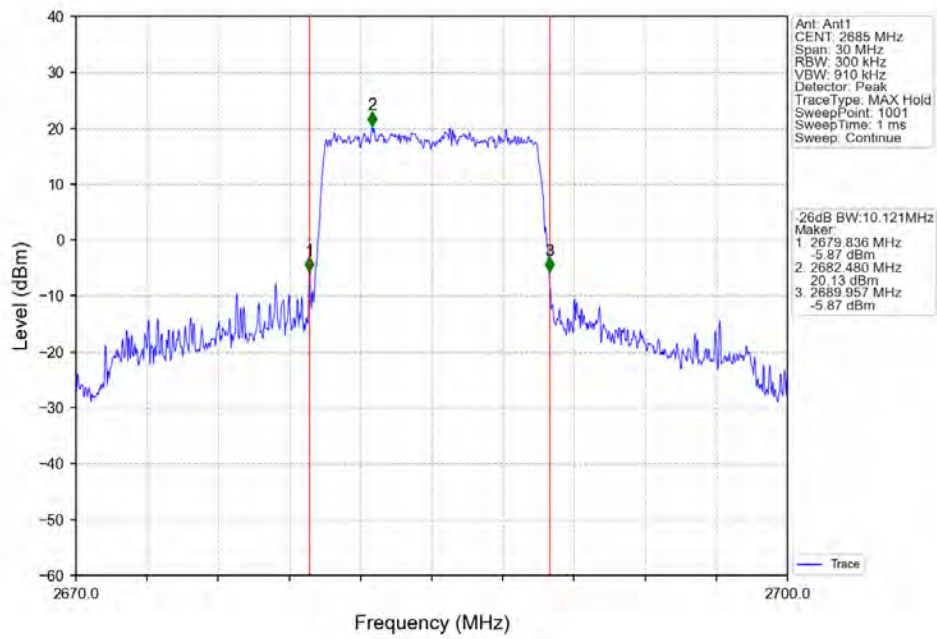
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



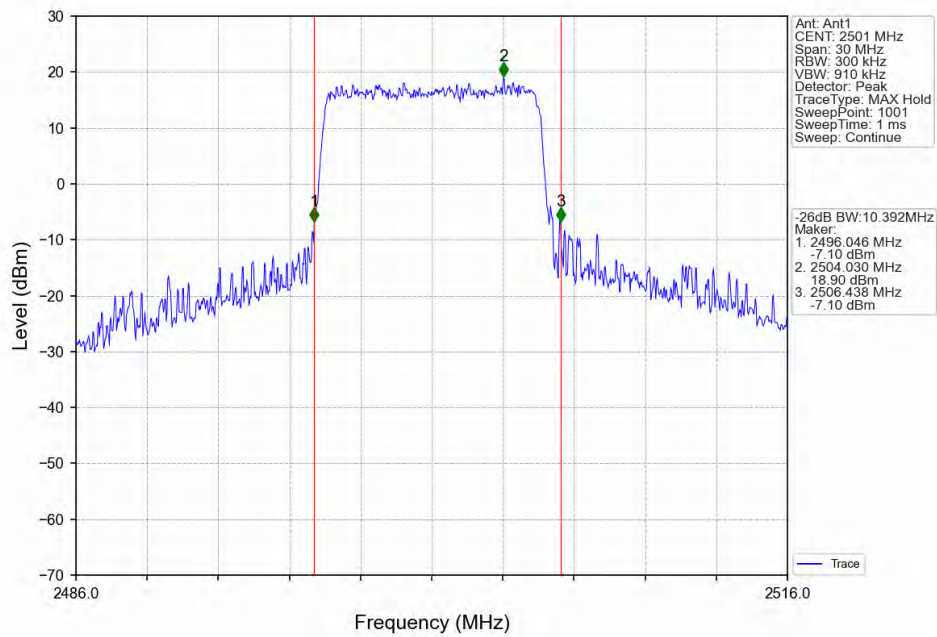
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



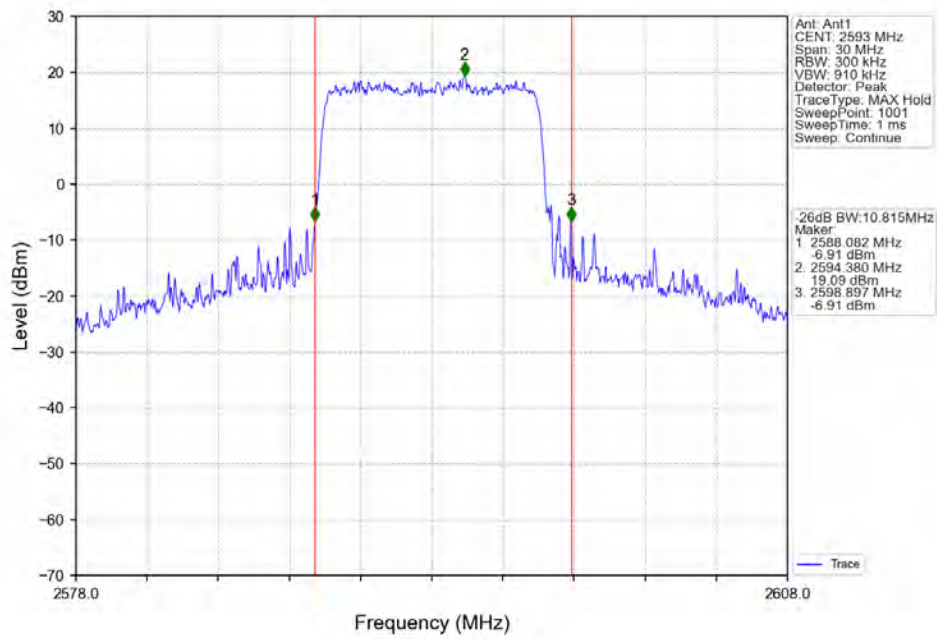
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



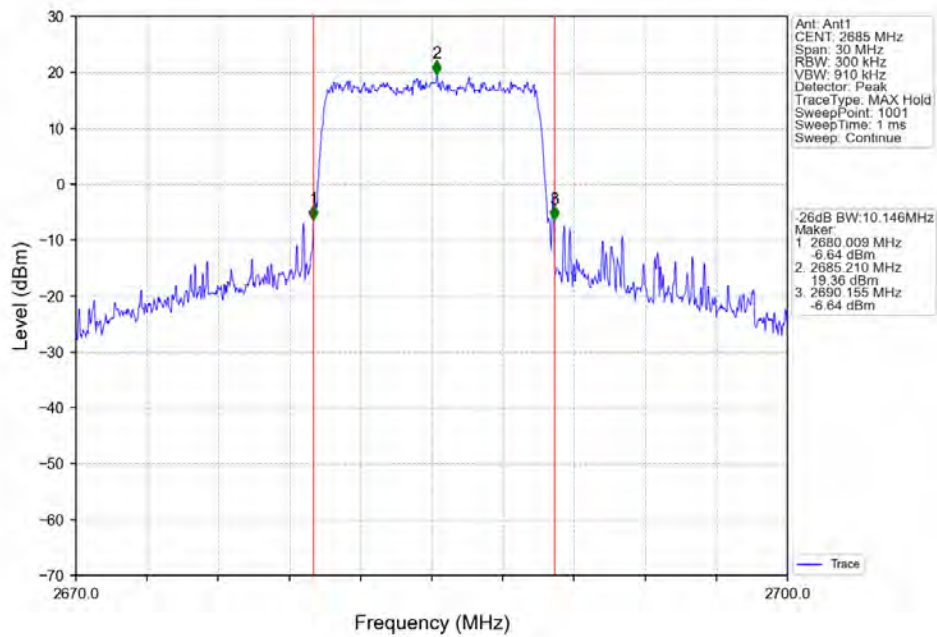
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



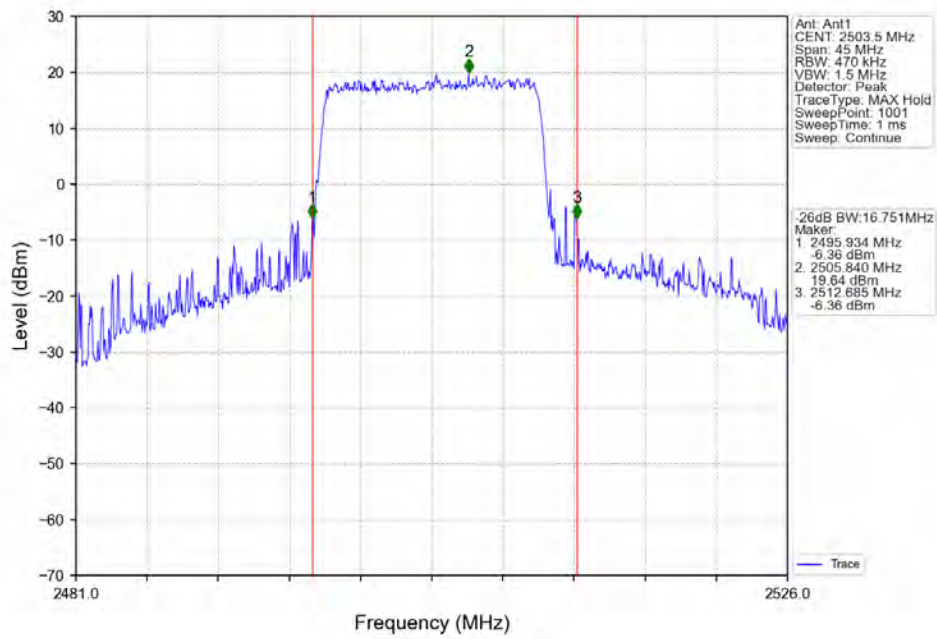
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



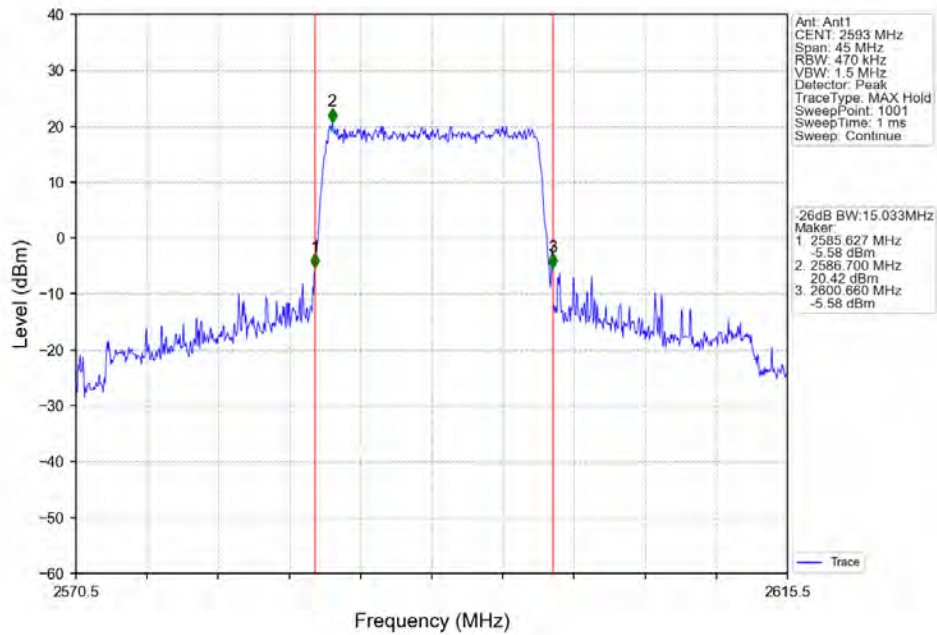
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



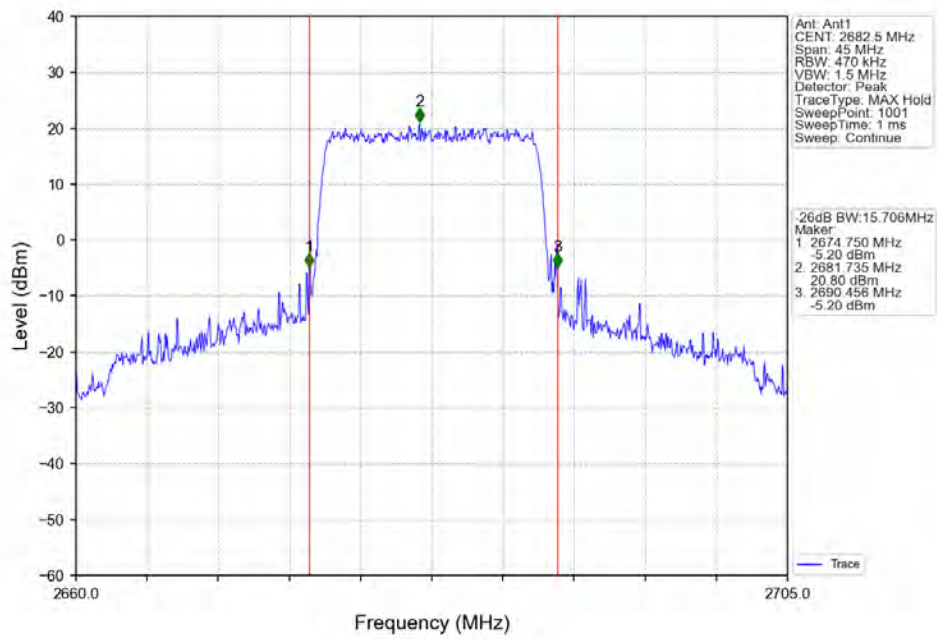
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



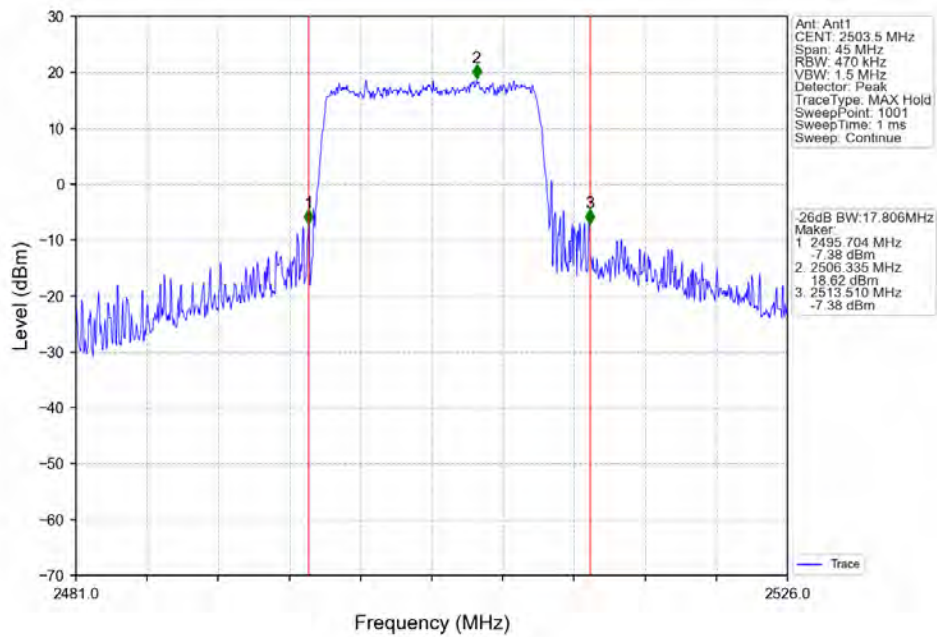
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



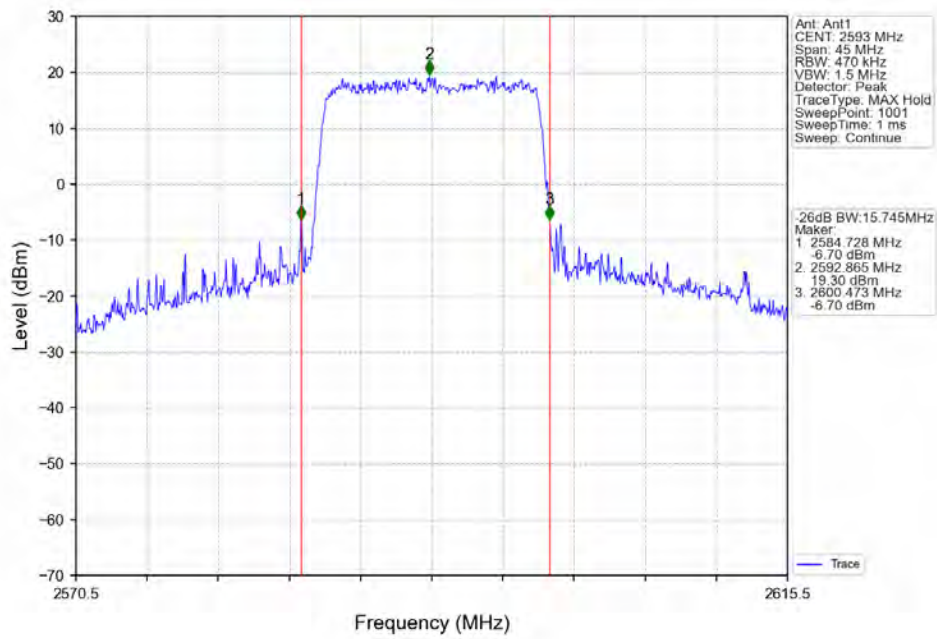
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



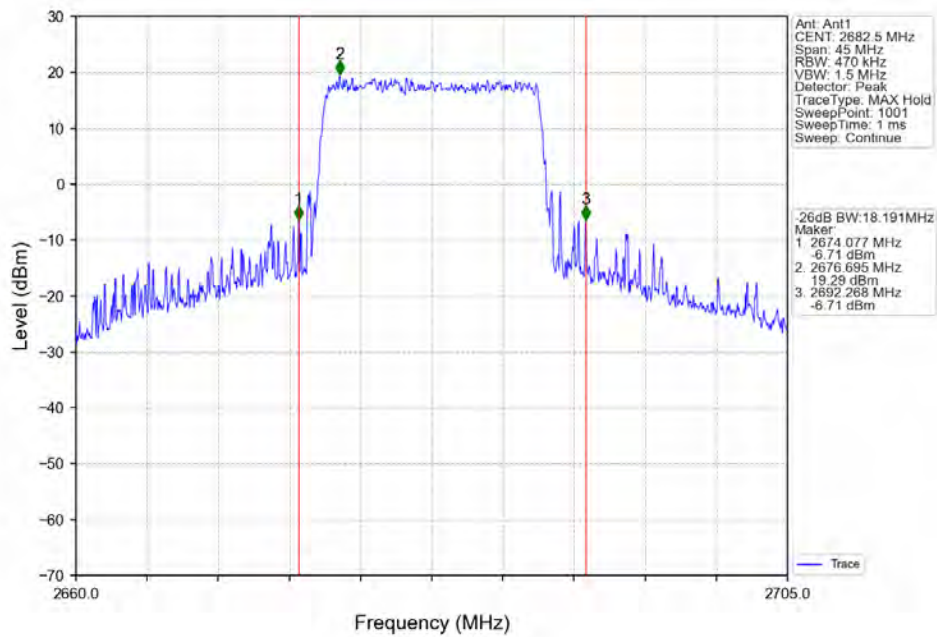
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



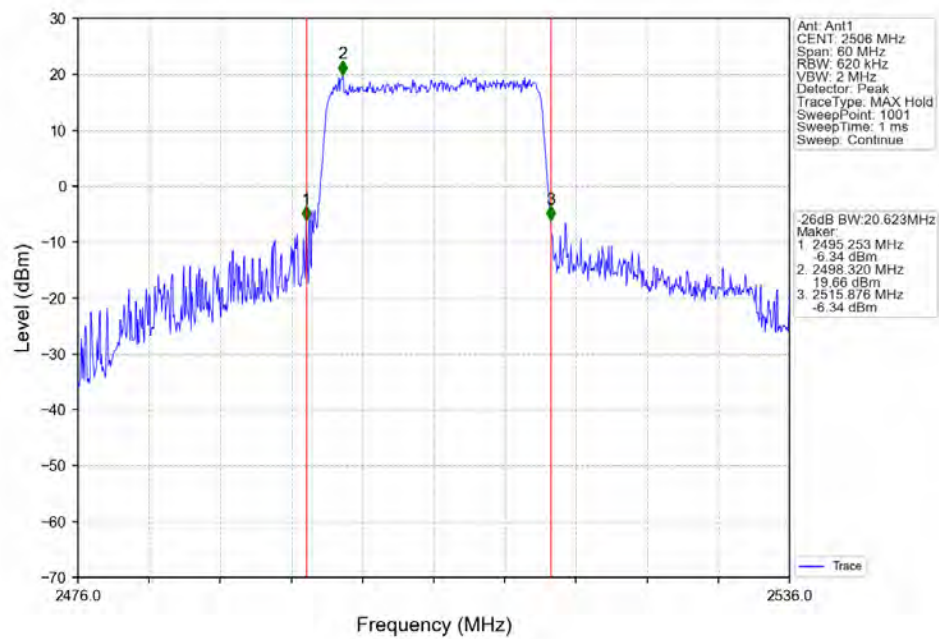
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



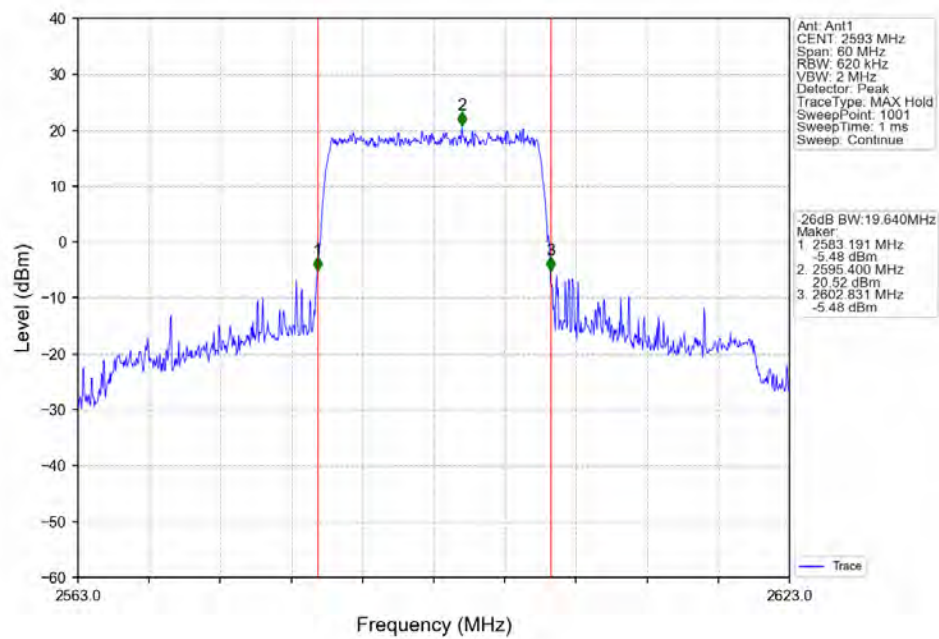
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



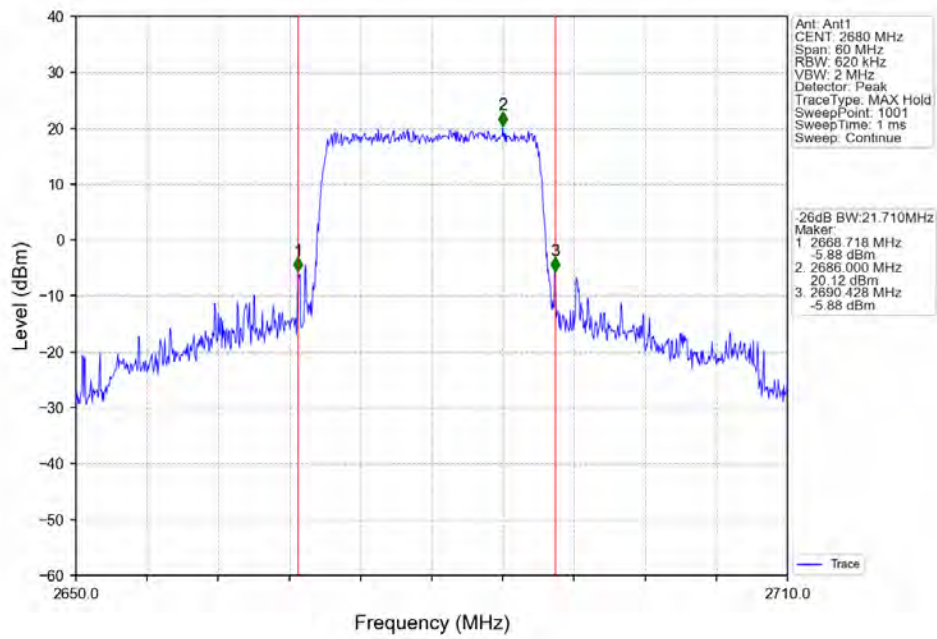
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



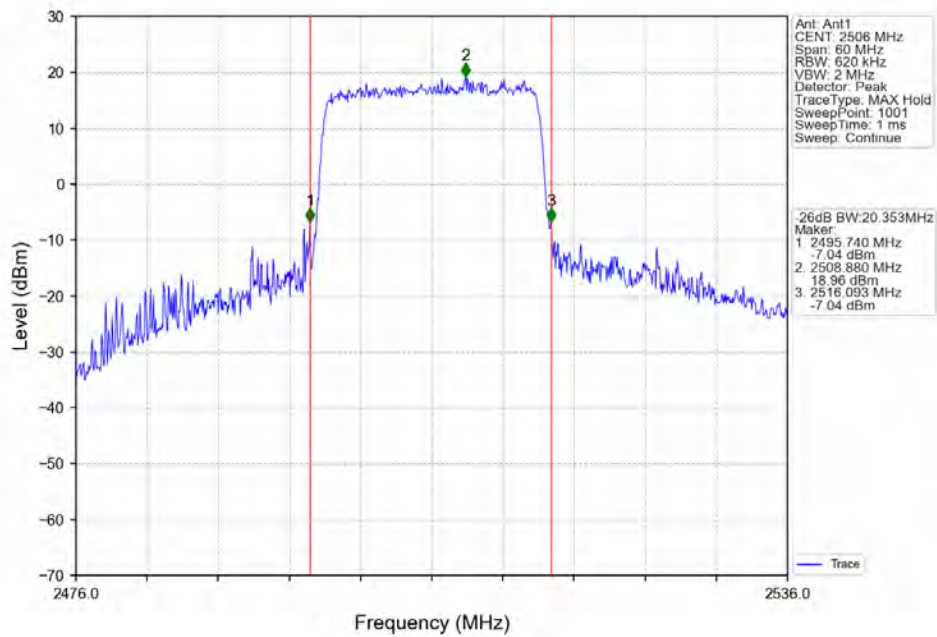
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



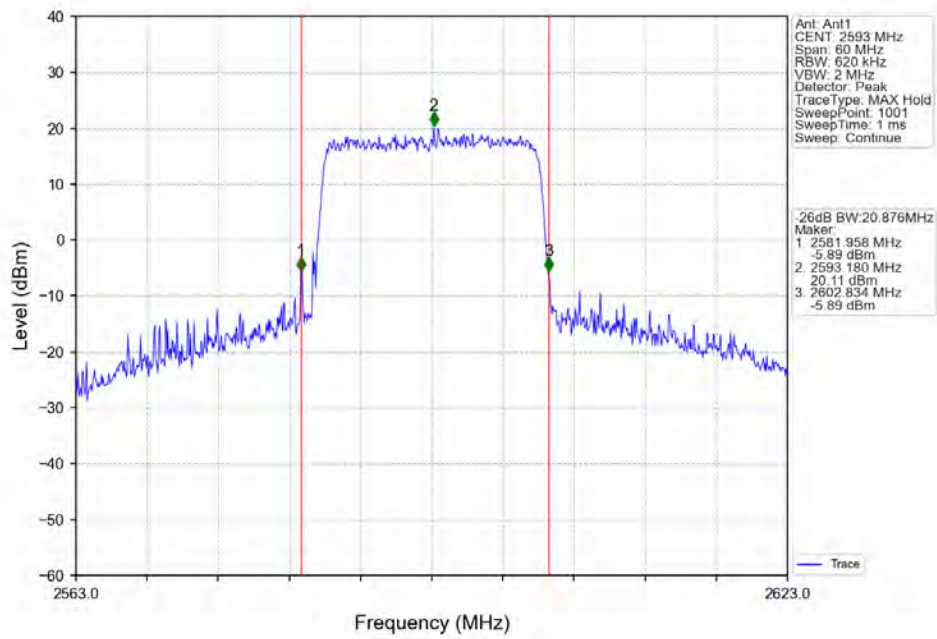
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



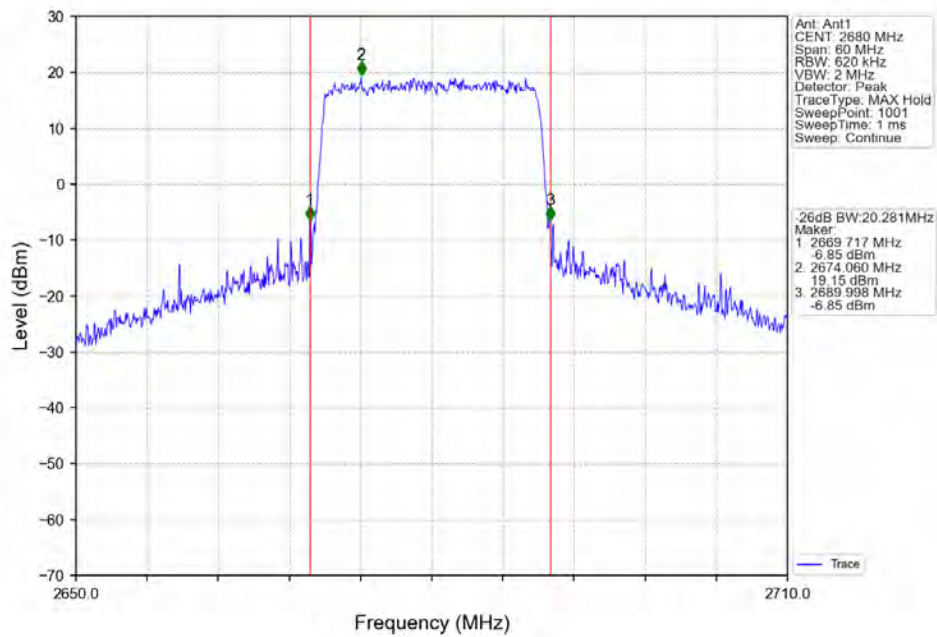
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



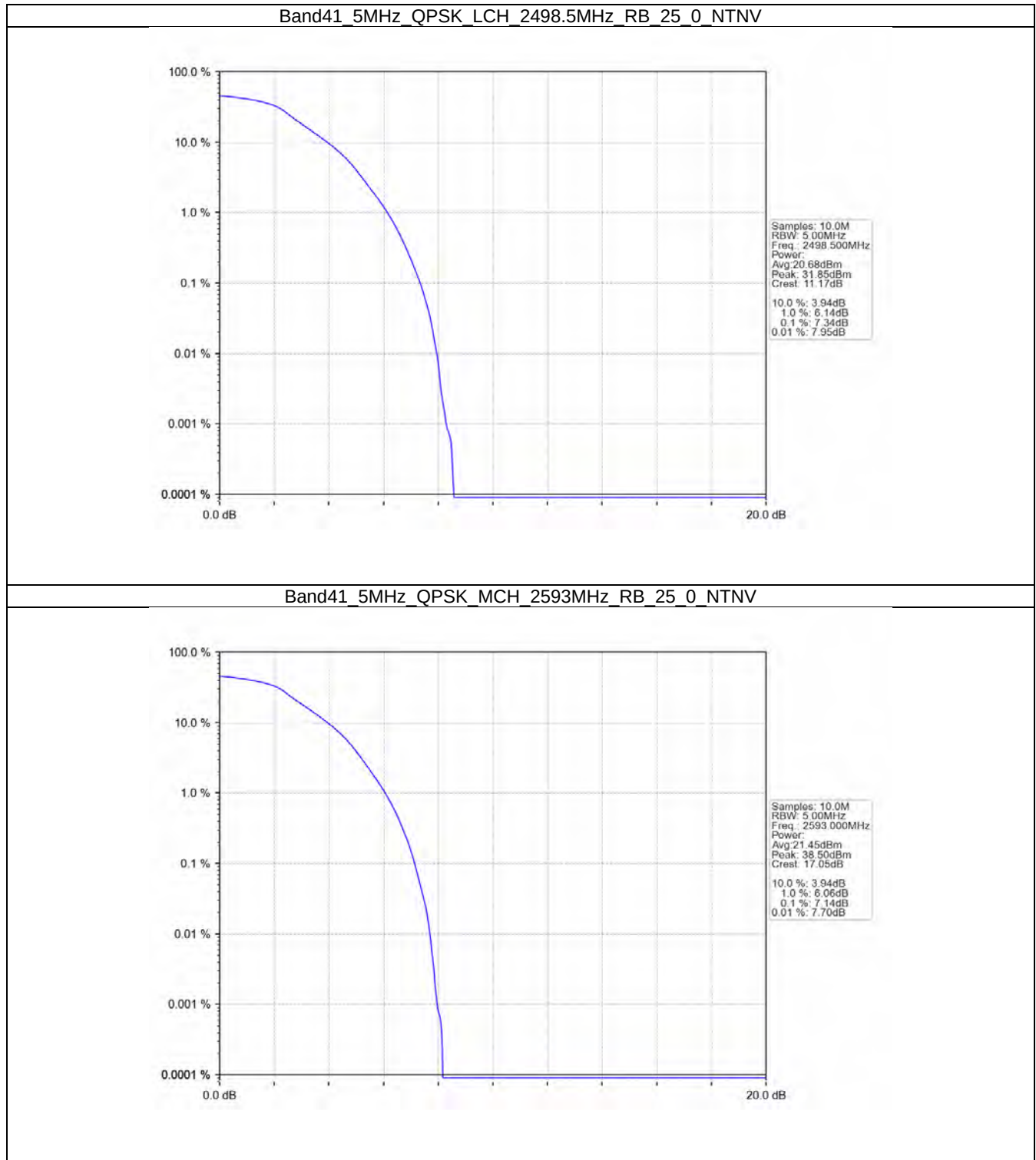
5. Peak-Average Ratio

5.1 B41_5MHz

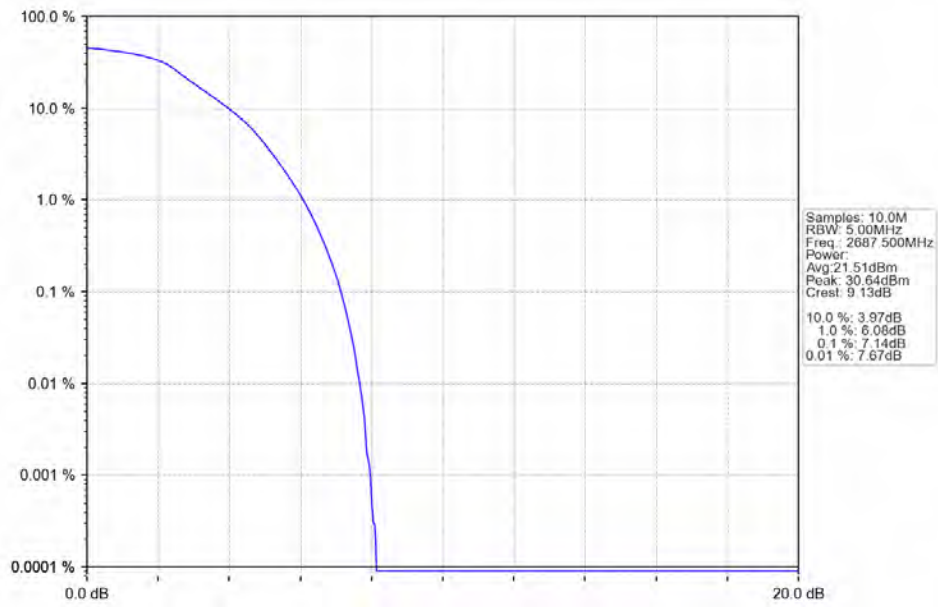
5.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.34	<=13	Pass
	2593	25	0	7.14	<=13	Pass
	2687.5	25	0	7.14	<=13	Pass
16QAM	2498.5	25	0	8.29	<=13	Pass
	2593	25	0	7.82	<=13	Pass
	2687.5	25	0	7.96	<=13	Pass

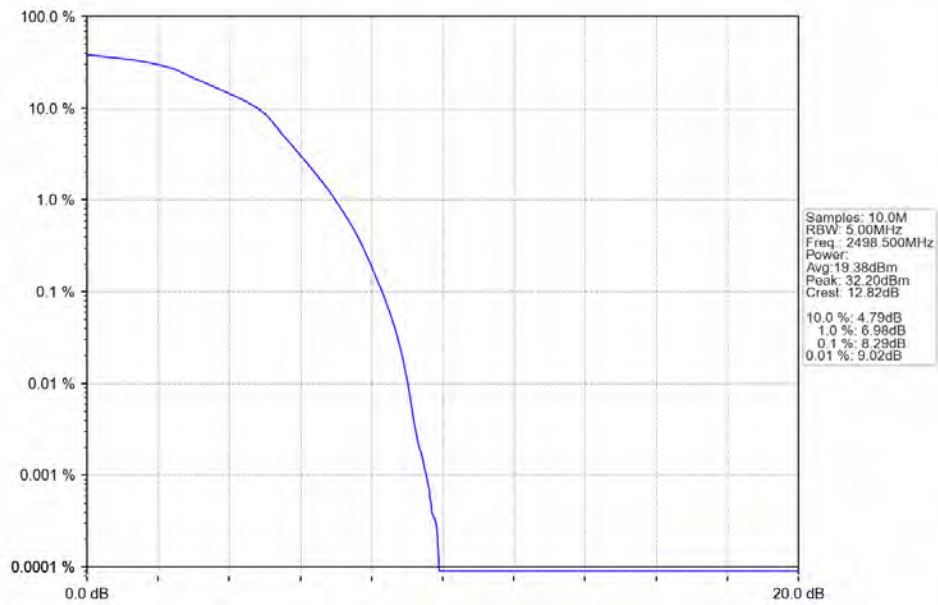
5.1.2 Test Graph



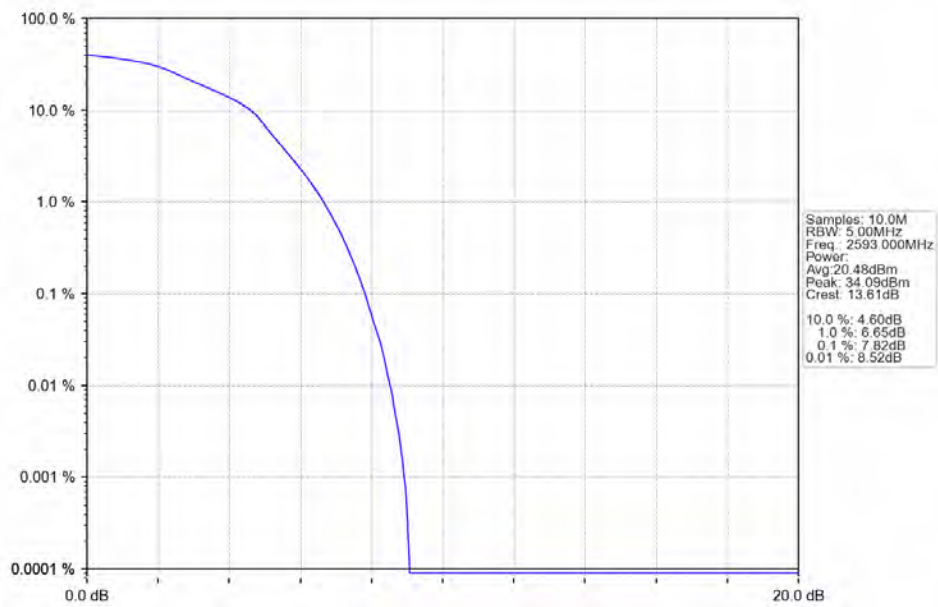
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



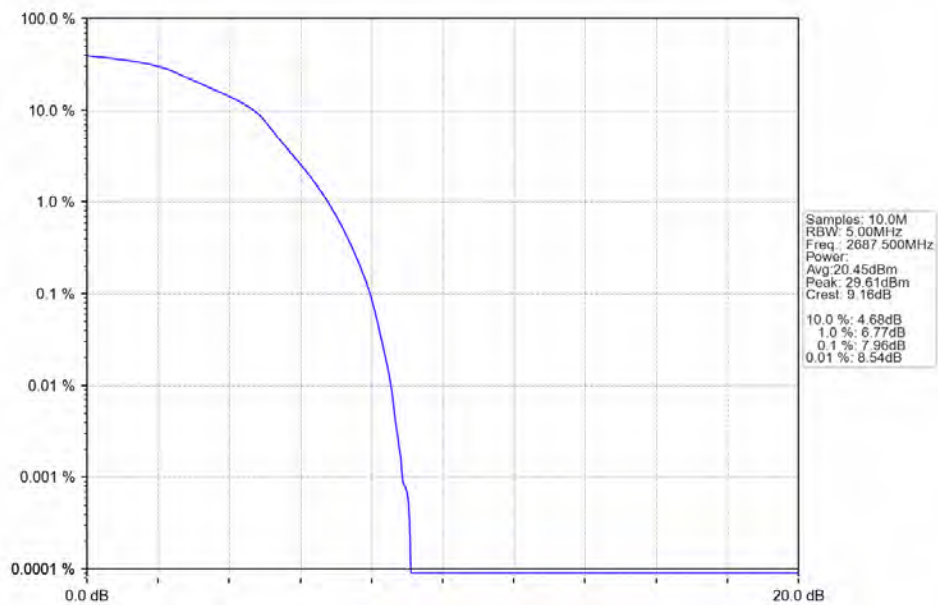
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV

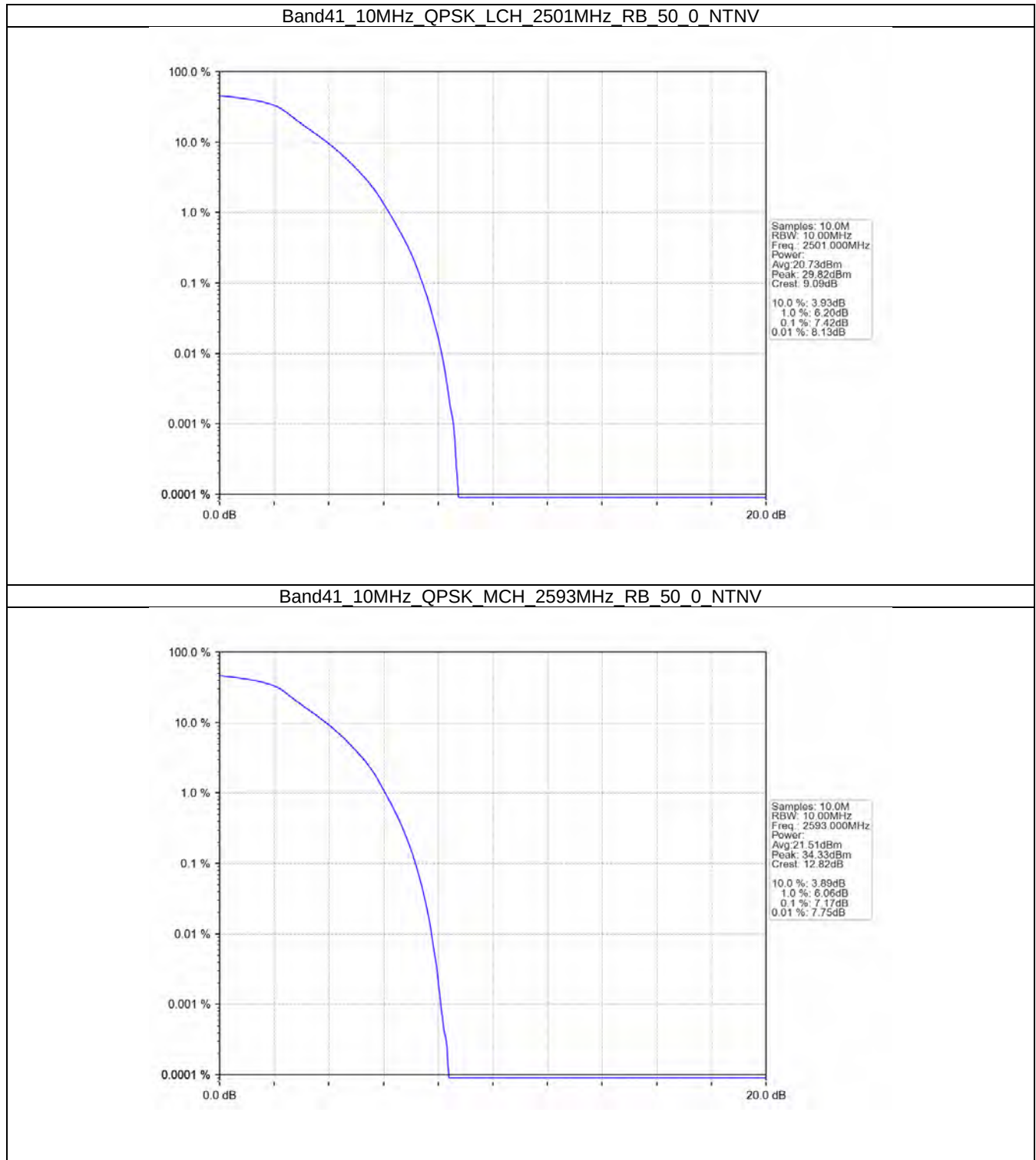


5.2 B41_10MHz

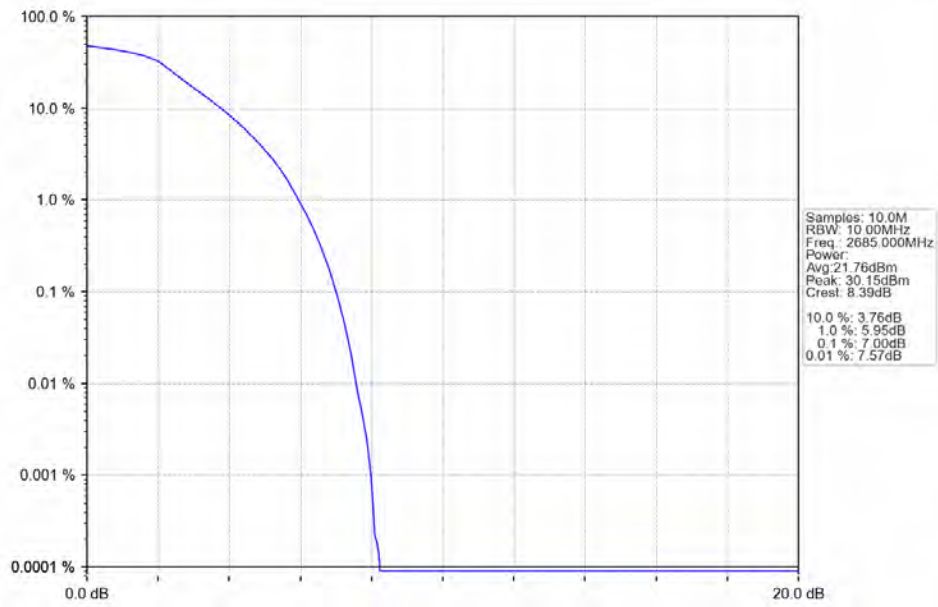
5.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.42	<=13	Pass
	2593	50	0	7.17	<=13	Pass
	2685	50	0	7.00	<=13	Pass
16QAM	2501	50	0	7.96	<=13	Pass
	2593	50	0	7.78	<=13	Pass
	2685	50	0	7.79	<=13	Pass

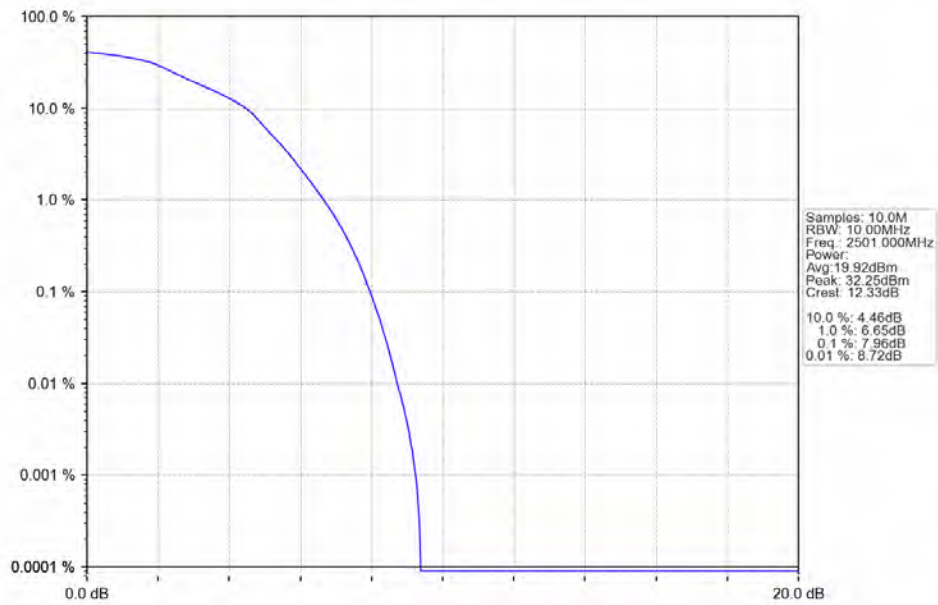
5.2.2 Test Graph



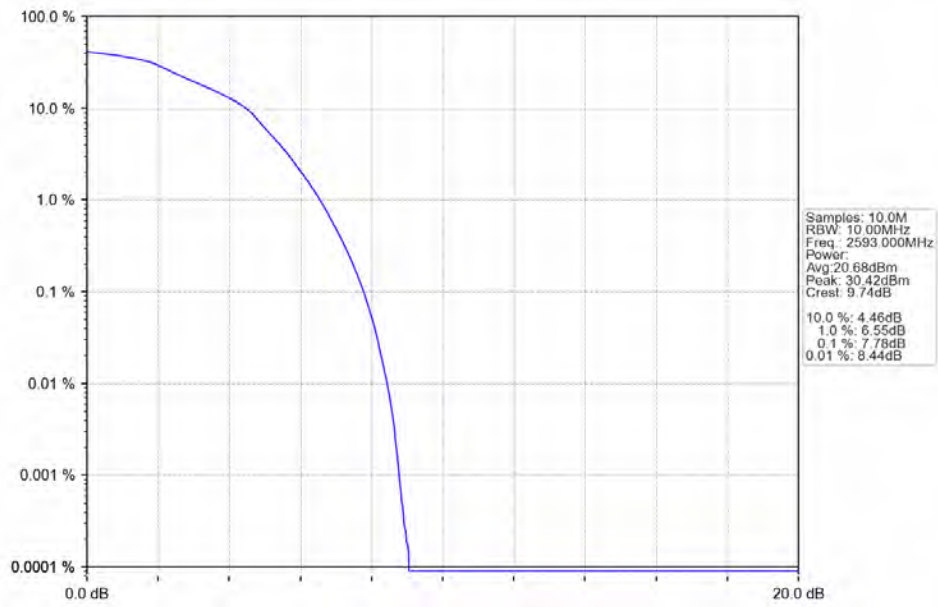
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



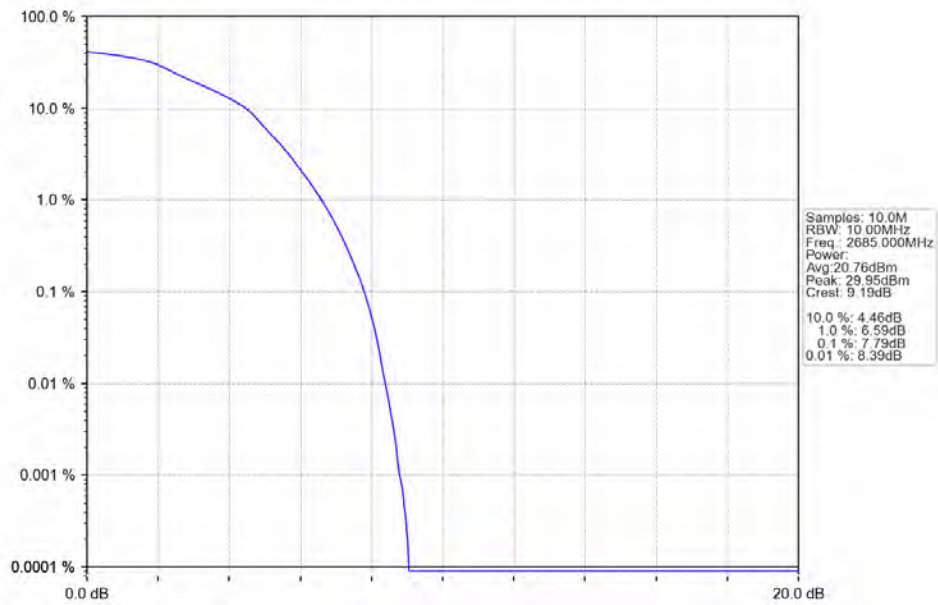
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV

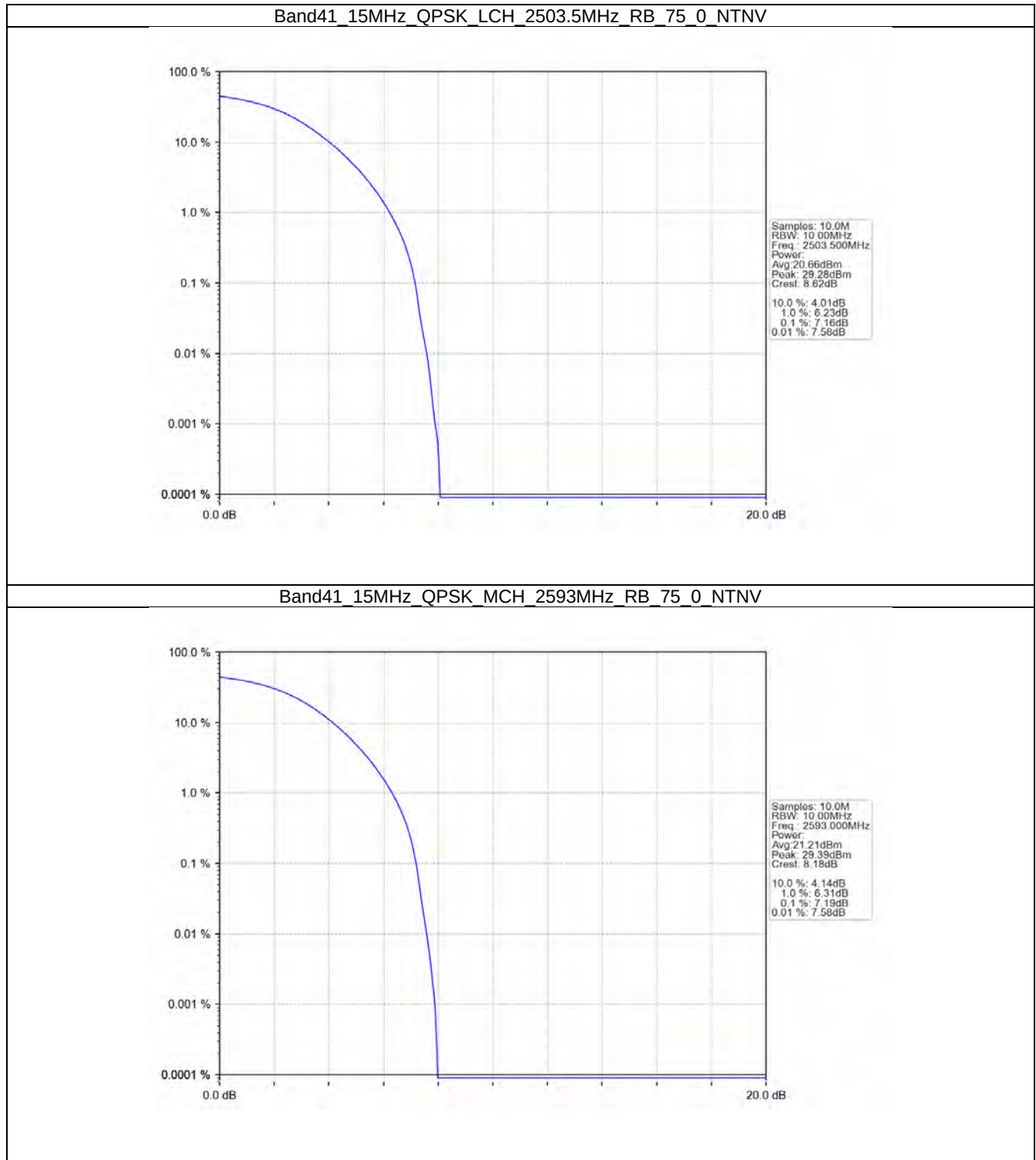


5.3 B41_15MHz

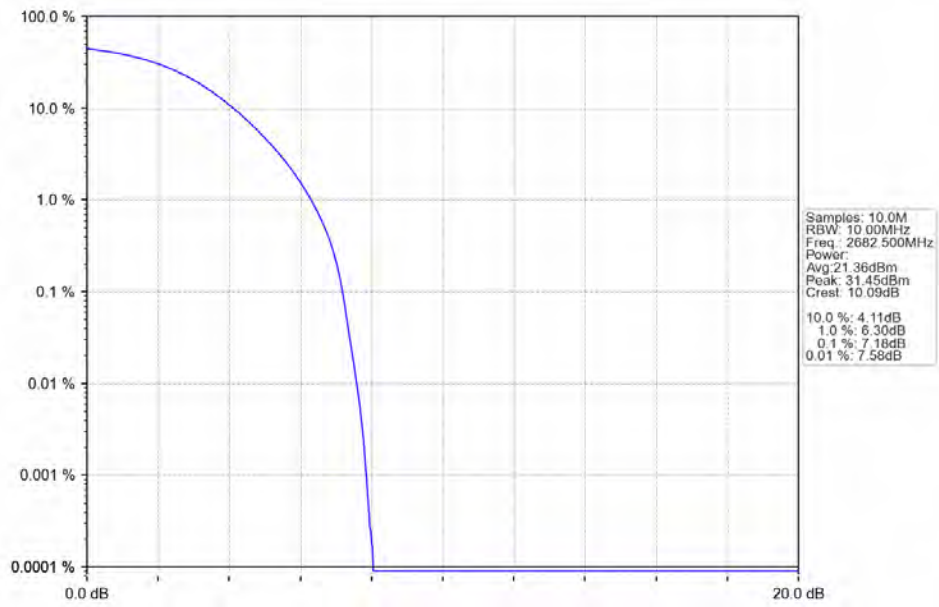
5.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	7.16	<=13	Pass
	2593	75	0	7.19	<=13	Pass
	2682.5	75	0	7.18	<=13	Pass
16QAM	2503.5	75	0	8.05	<=13	Pass
	2593	75	0	7.79	<=13	Pass
	2682.5	75	0	7.85	<=13	Pass

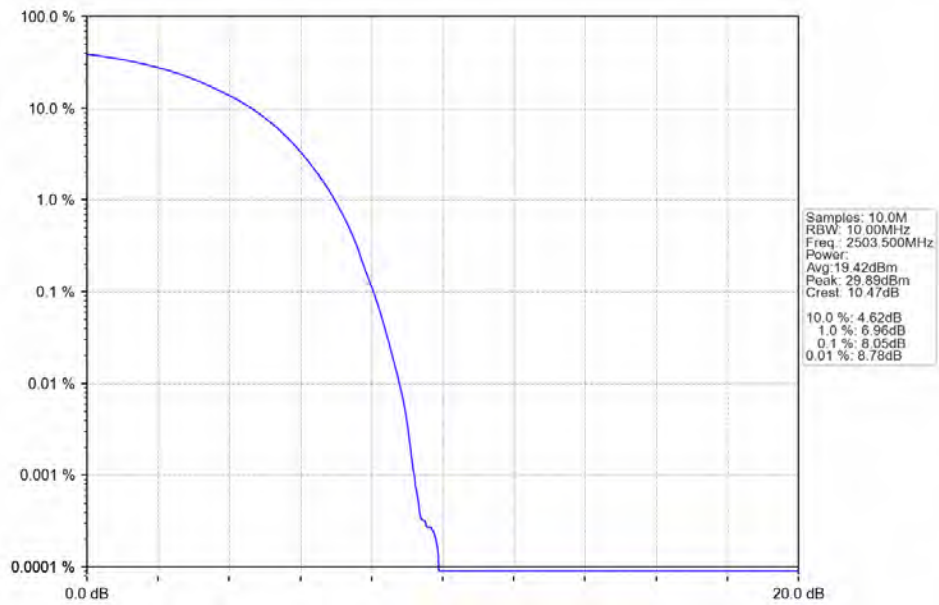
5.3.2 Test Graph



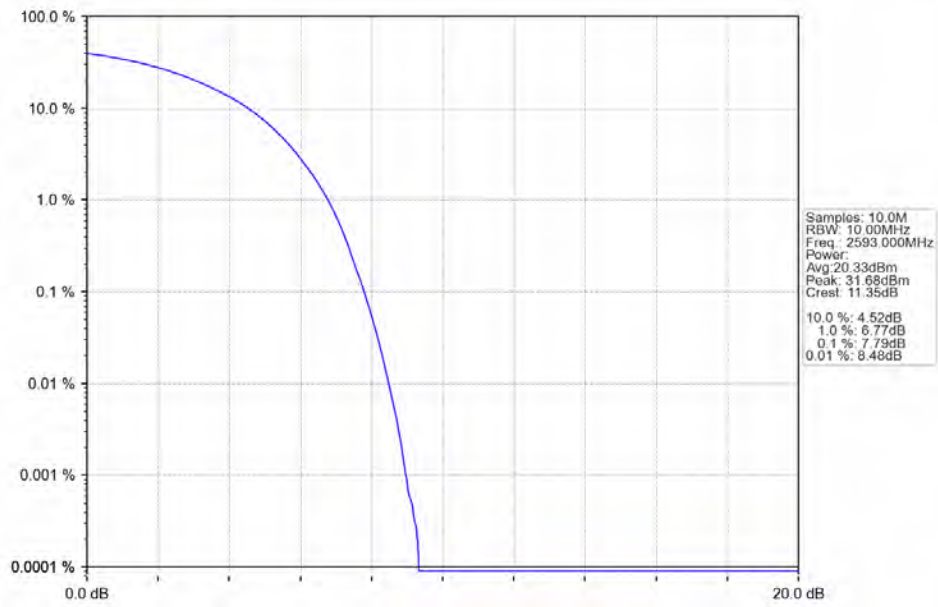
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



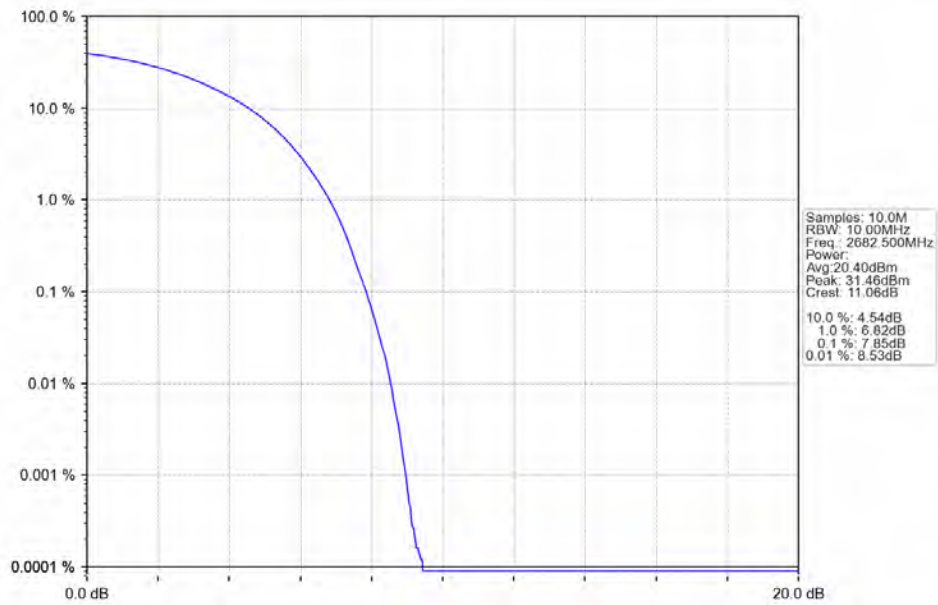
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV

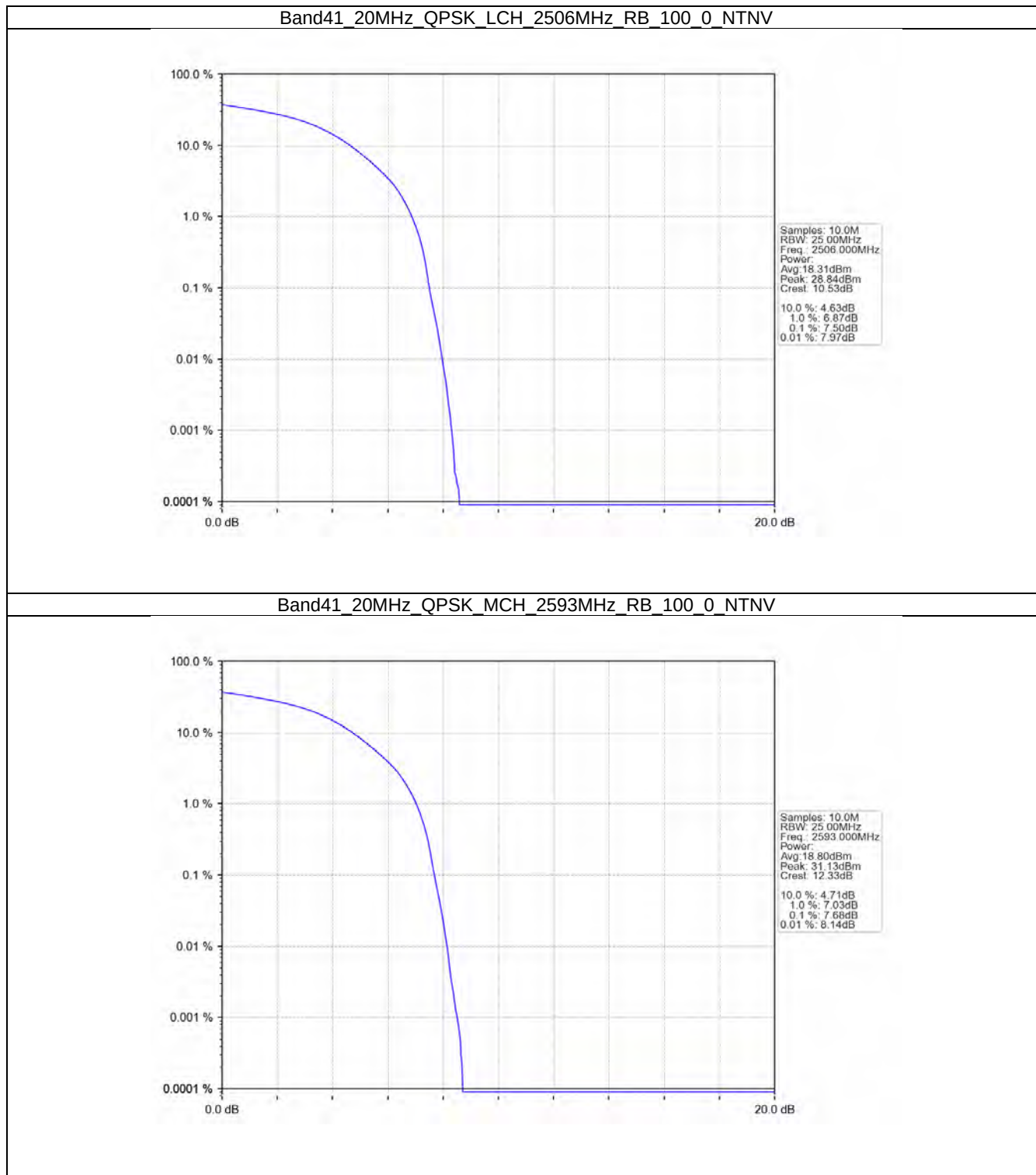


5.4 B41_20MHz

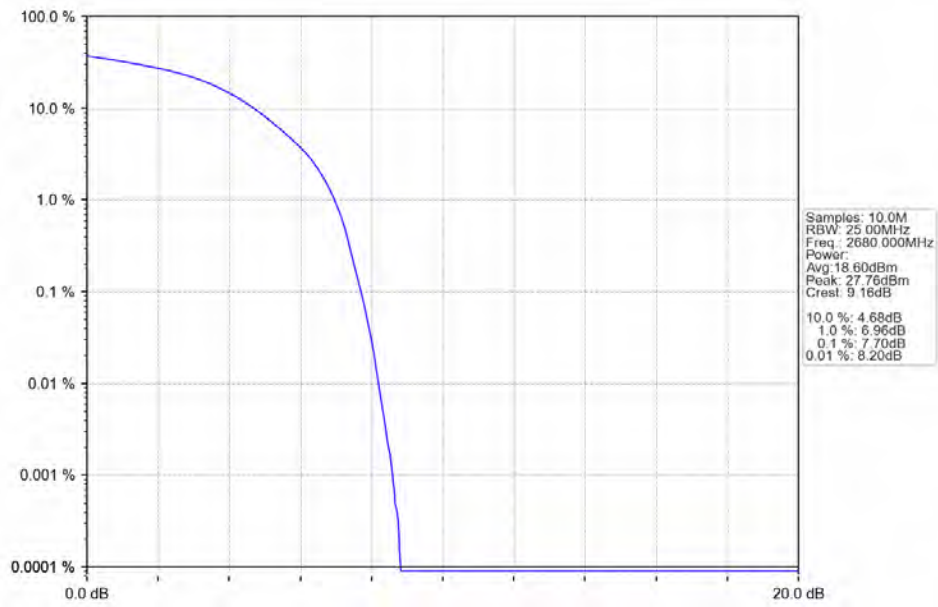
5.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.50	<=13	Pass
	2593	100	0	7.68	<=13	Pass
	2680	100	0	7.70	<=13	Pass
16QAM	2506	100	0	8.96	<=13	Pass
	2593	100	0	8.62	<=13	Pass
	2680	100	0	9.16	<=13	Pass

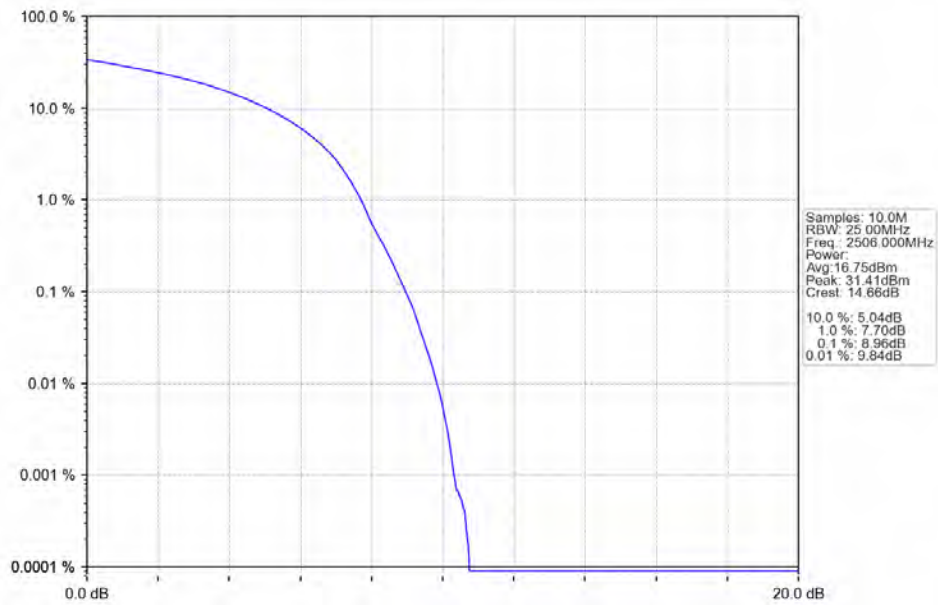
5.4.2 Test Graph



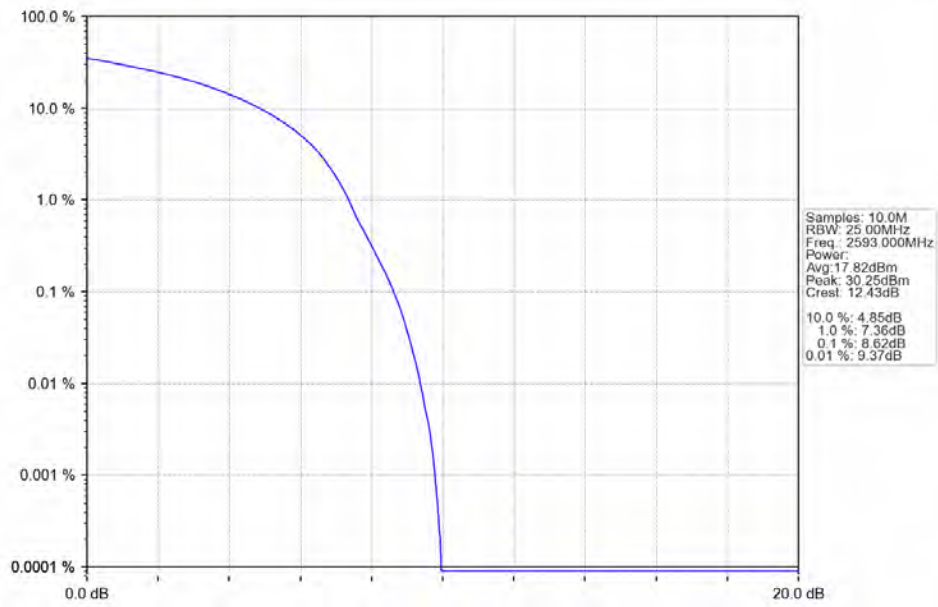
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



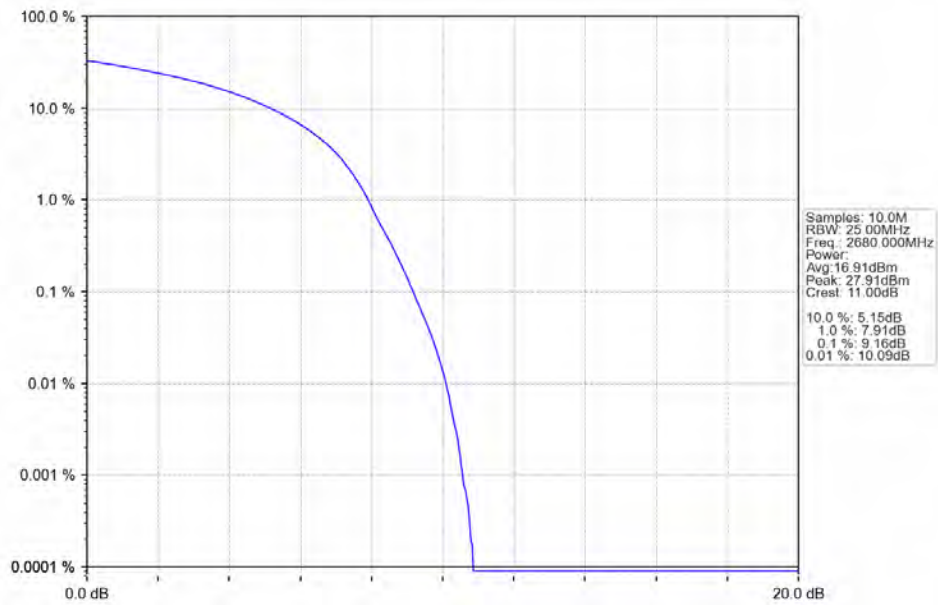
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



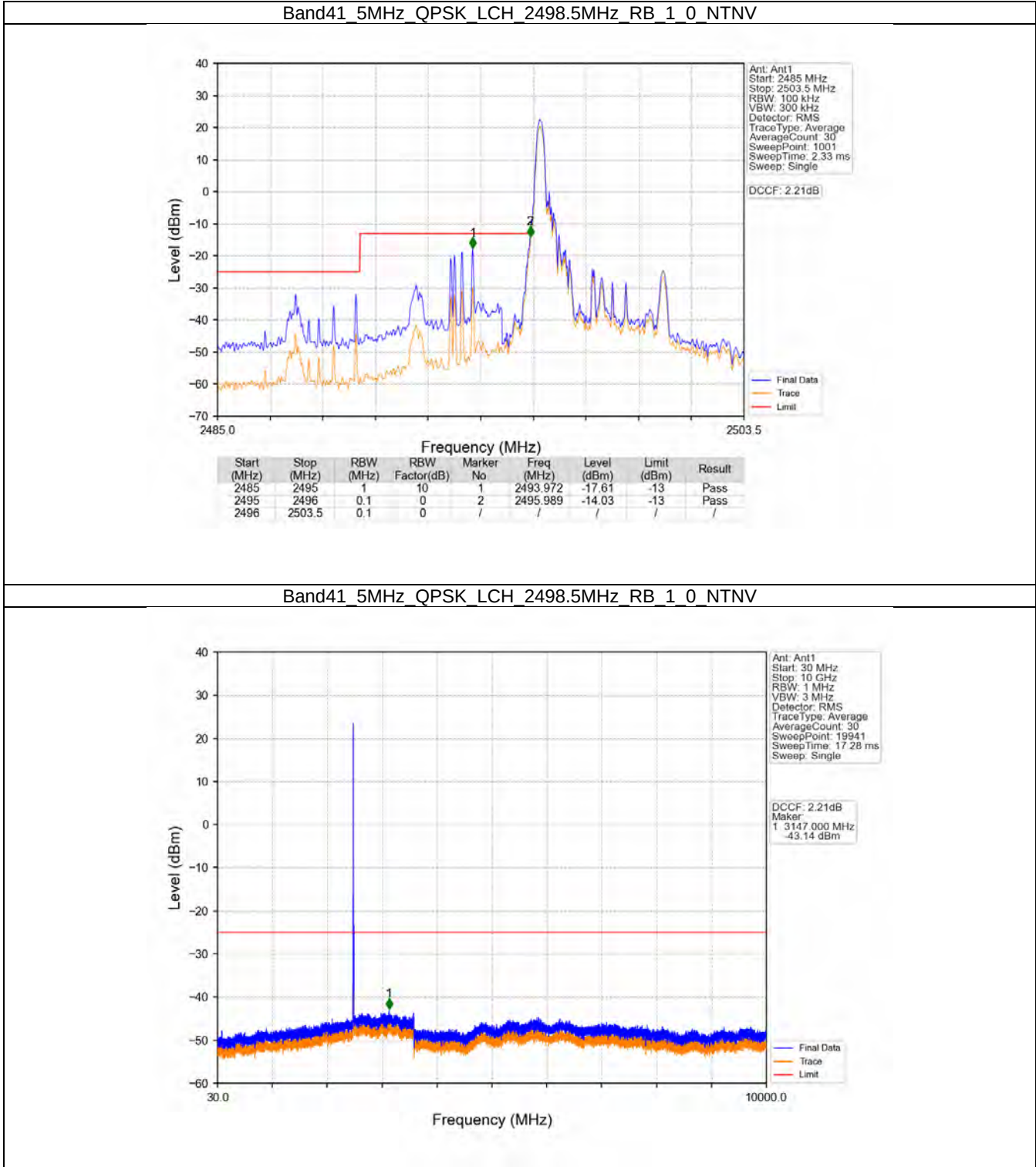
6. Spurious Emission

6.1 B41_5MHz

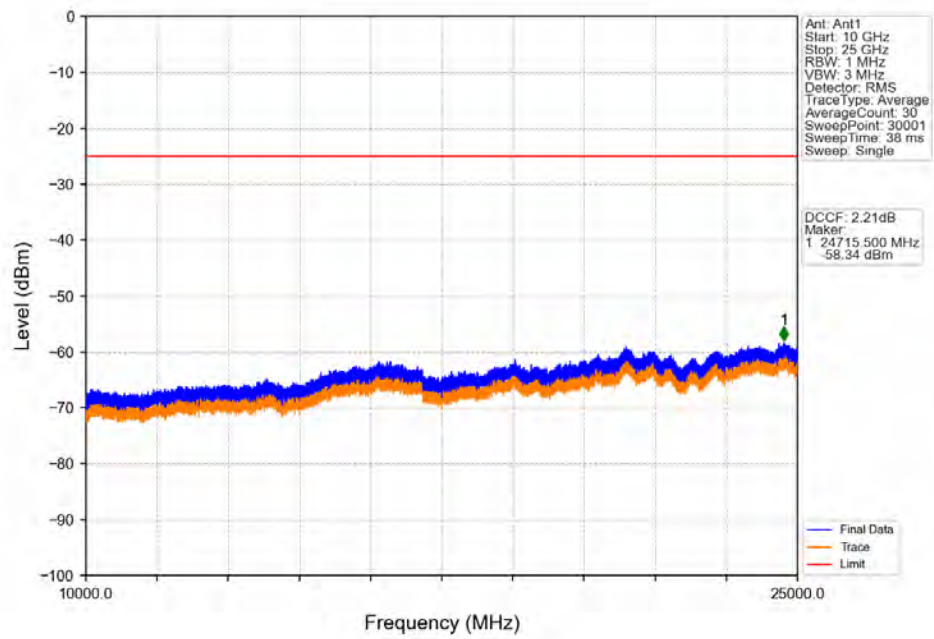
6.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTVN						
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

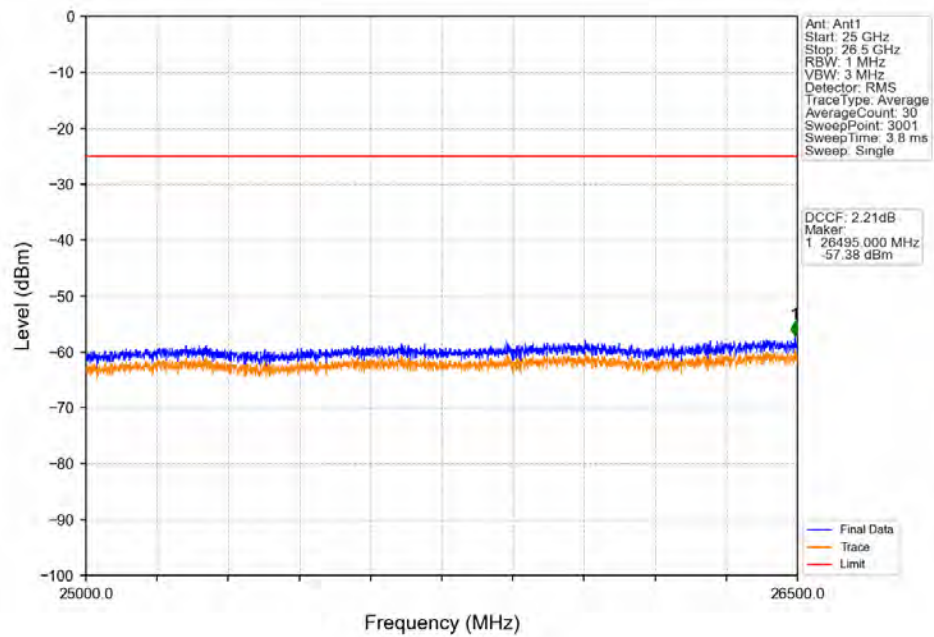
6.1.2 Test Graph



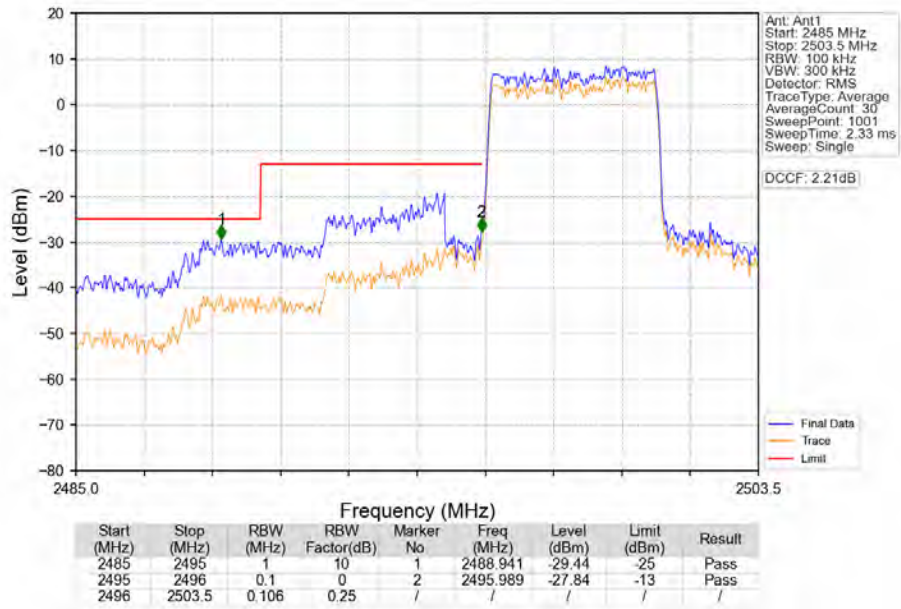
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



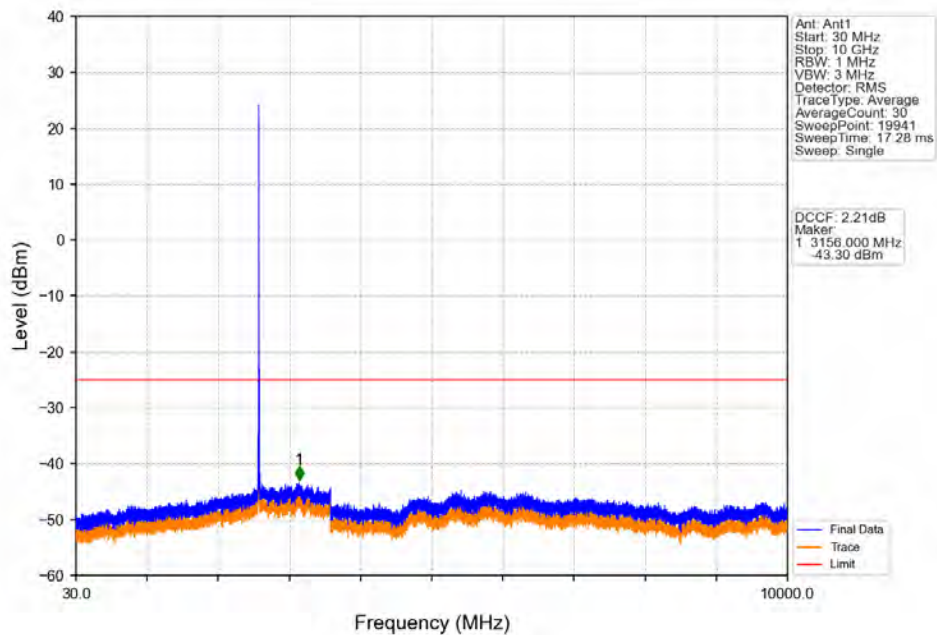
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



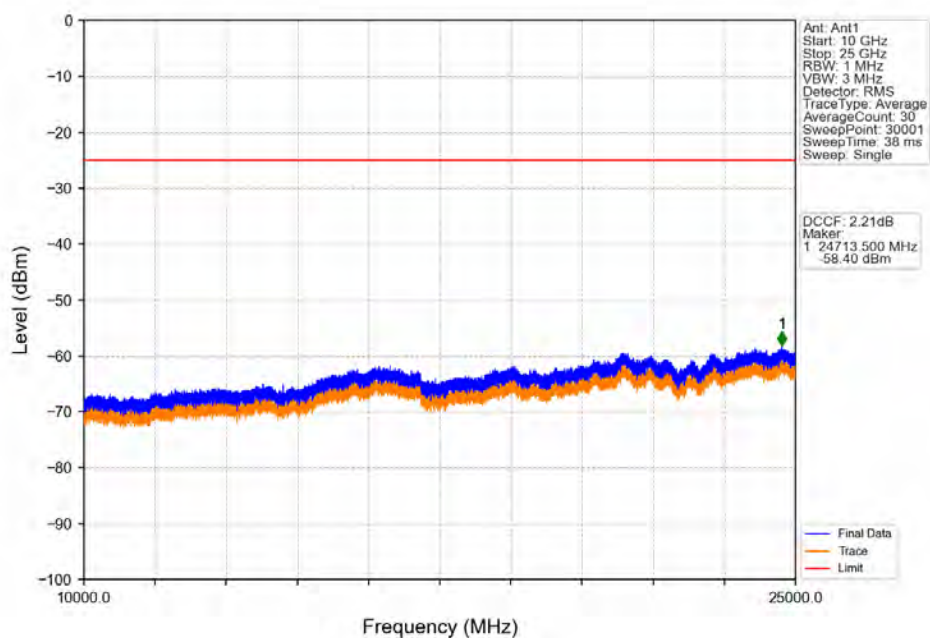
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



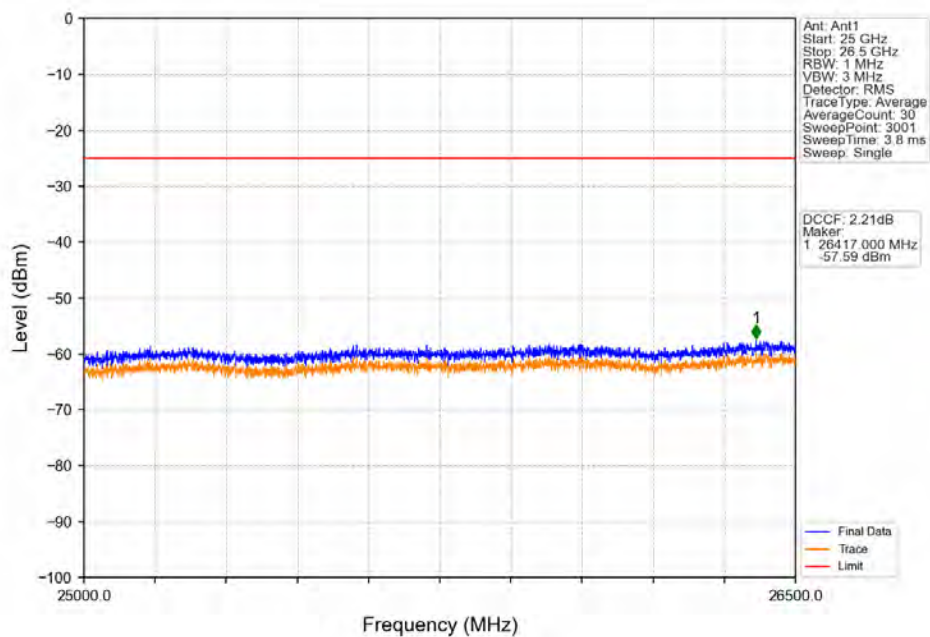
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



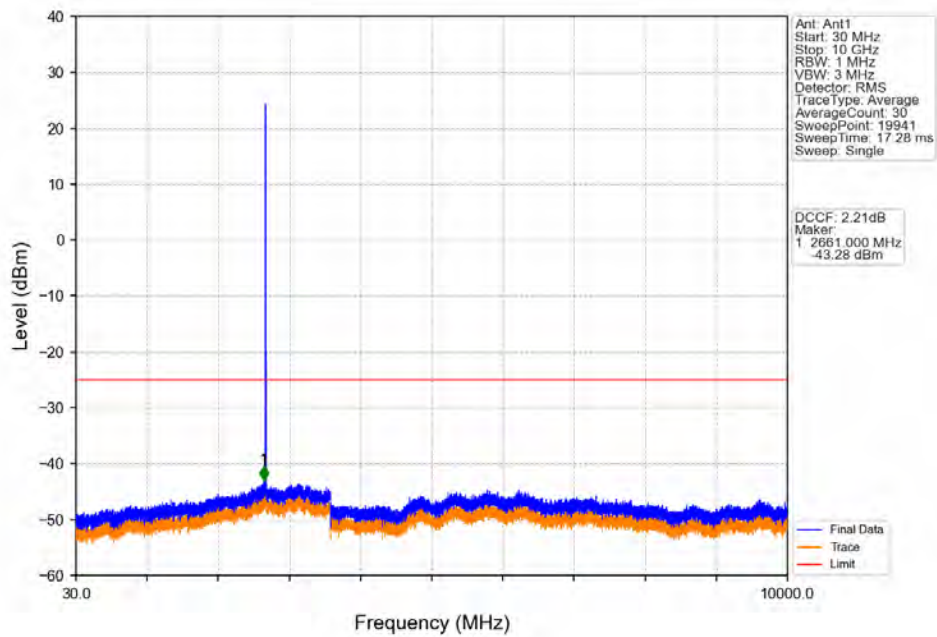
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



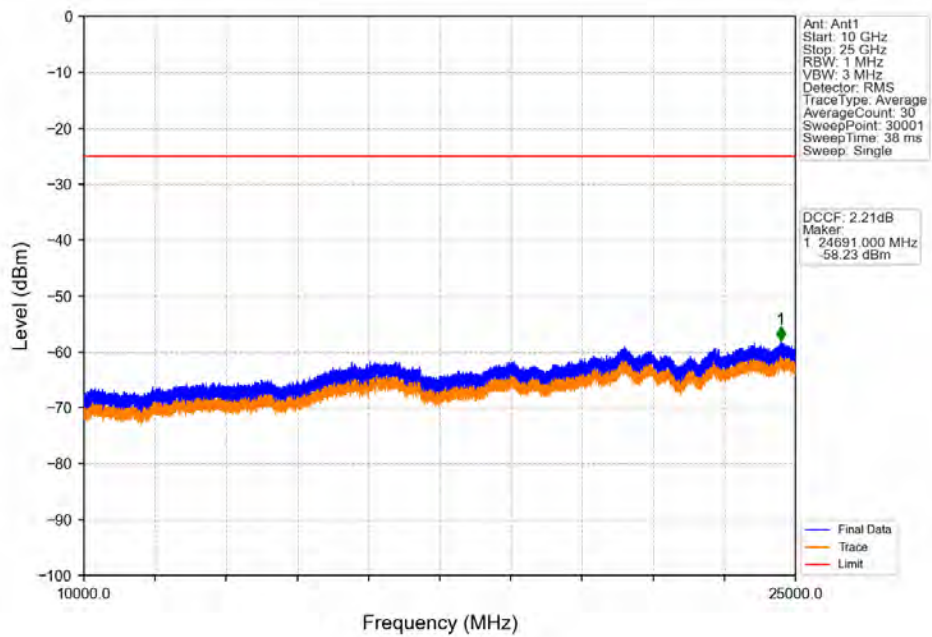
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



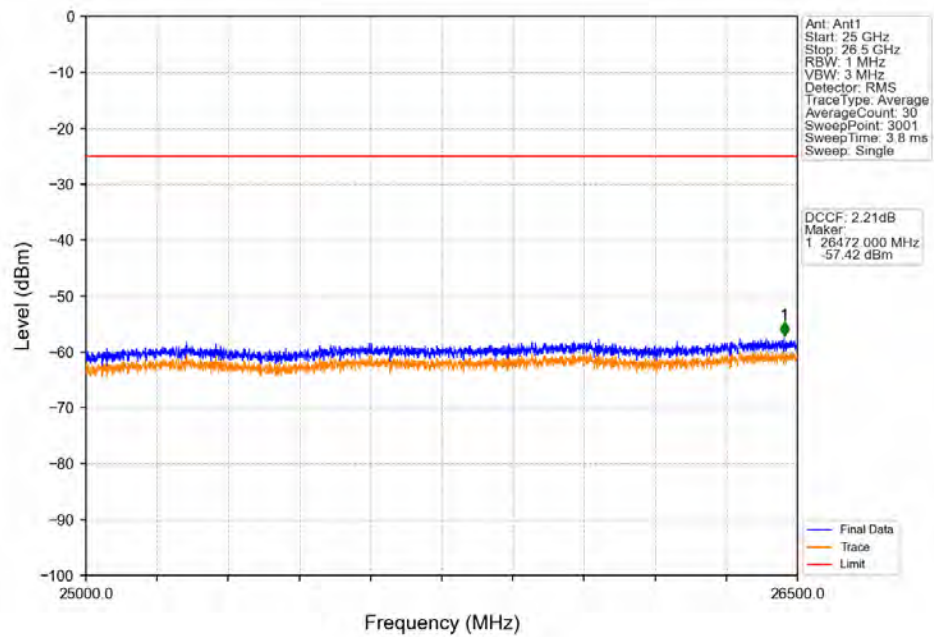
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



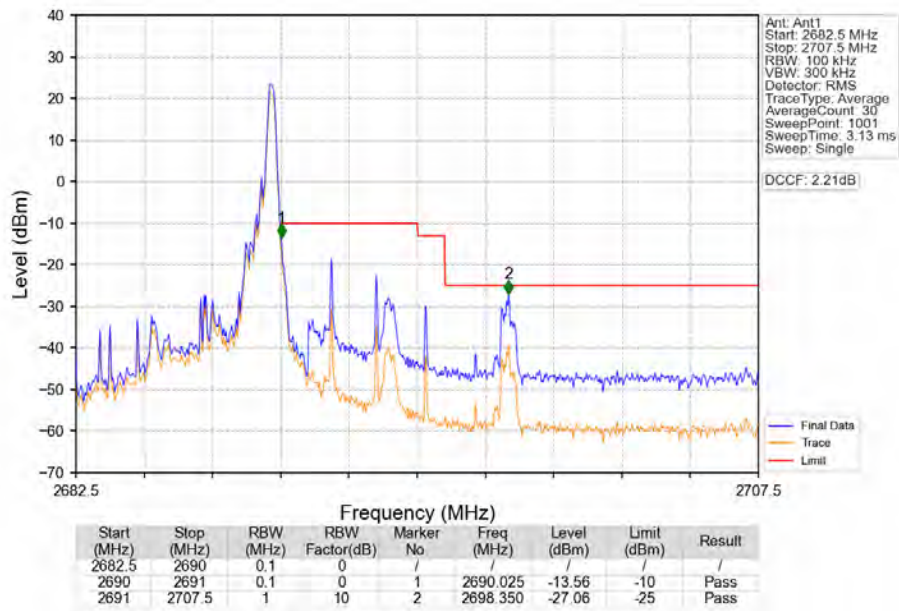
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



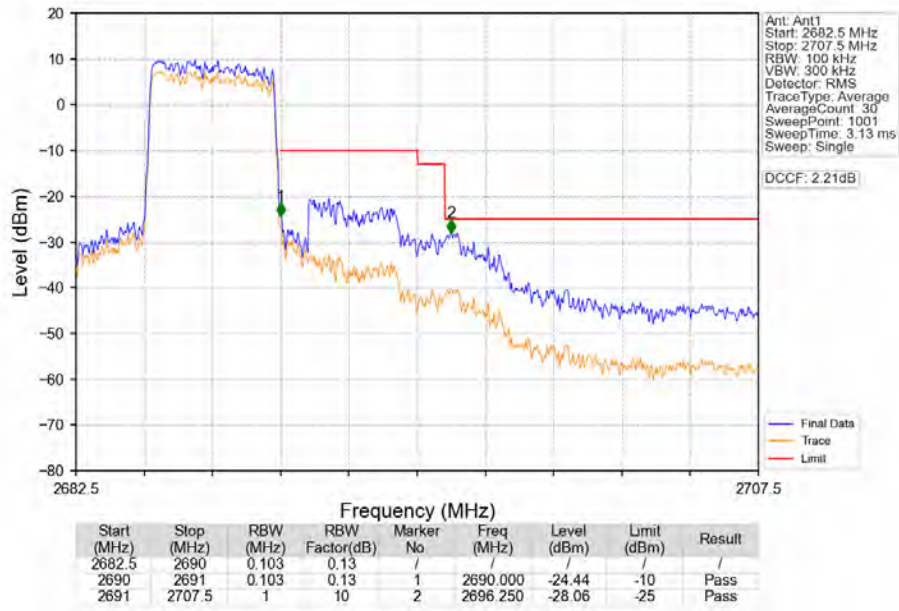
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



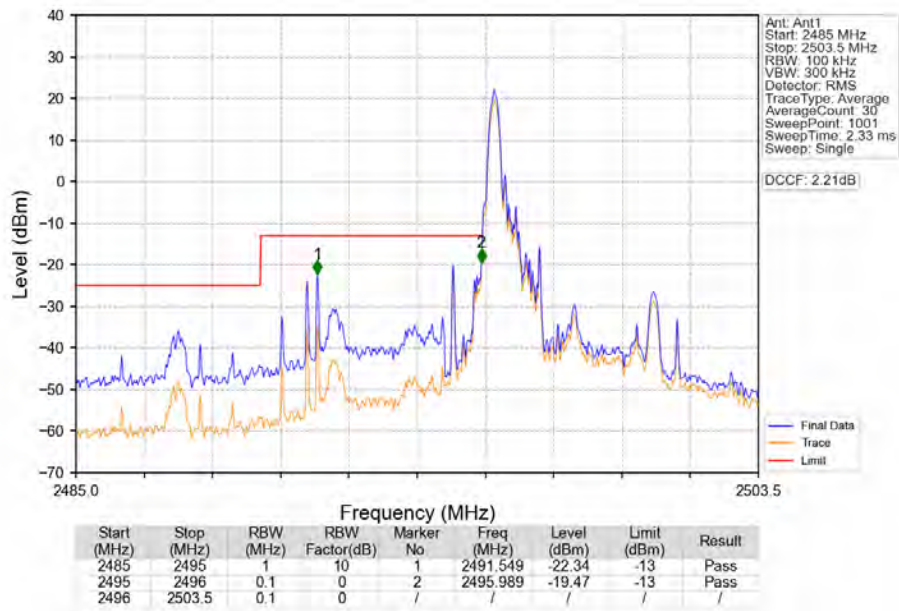
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



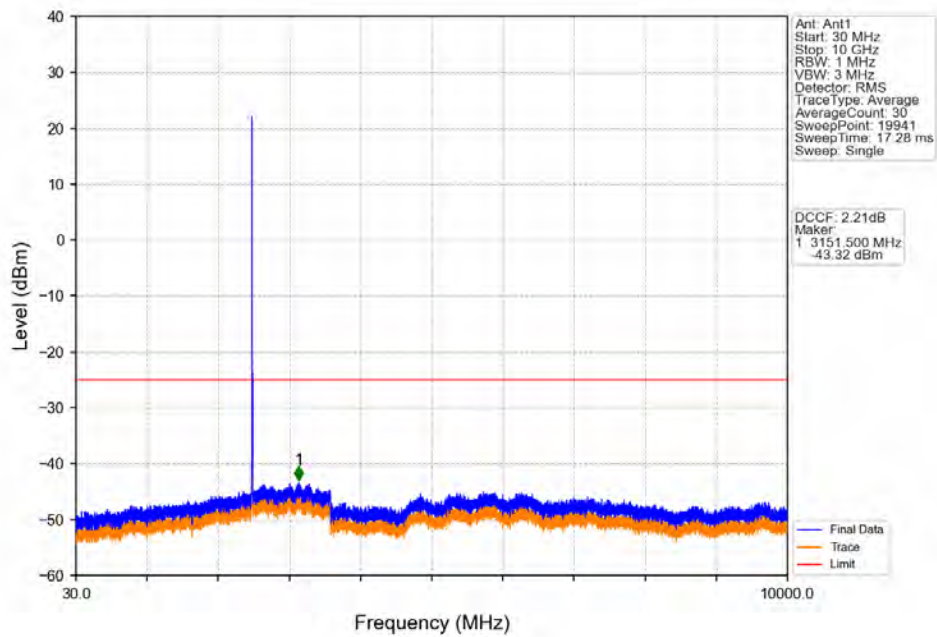
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



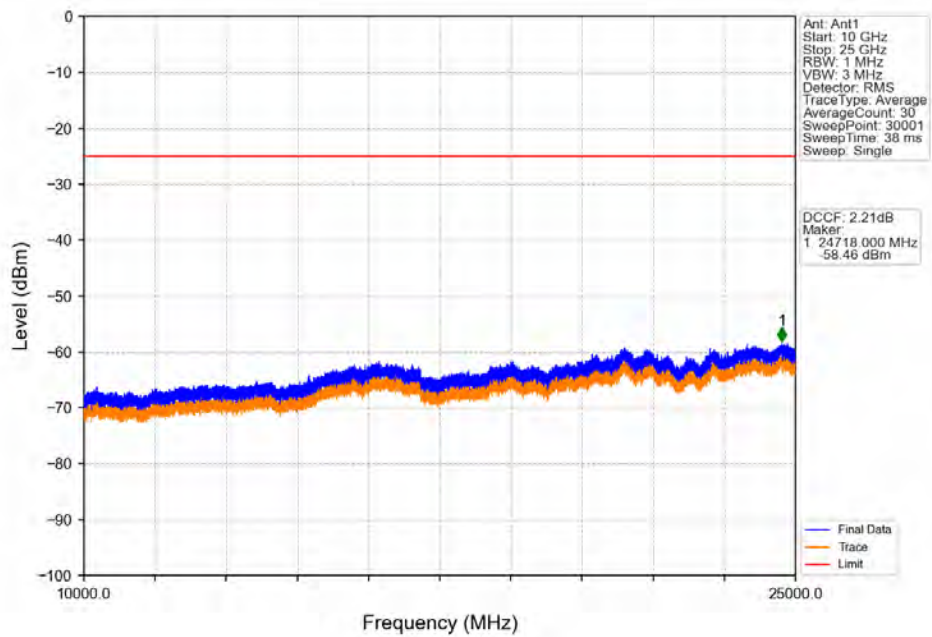
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



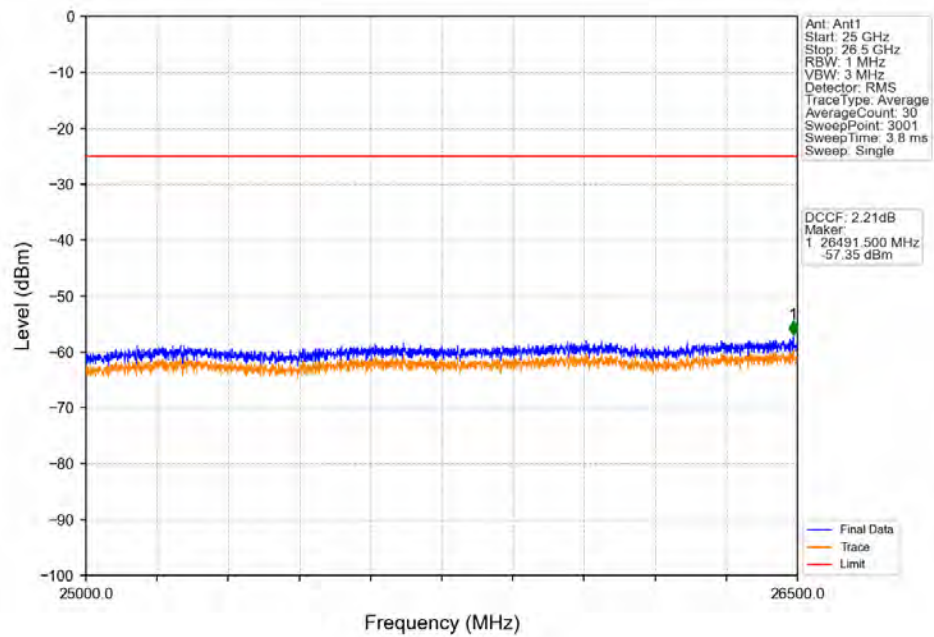
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



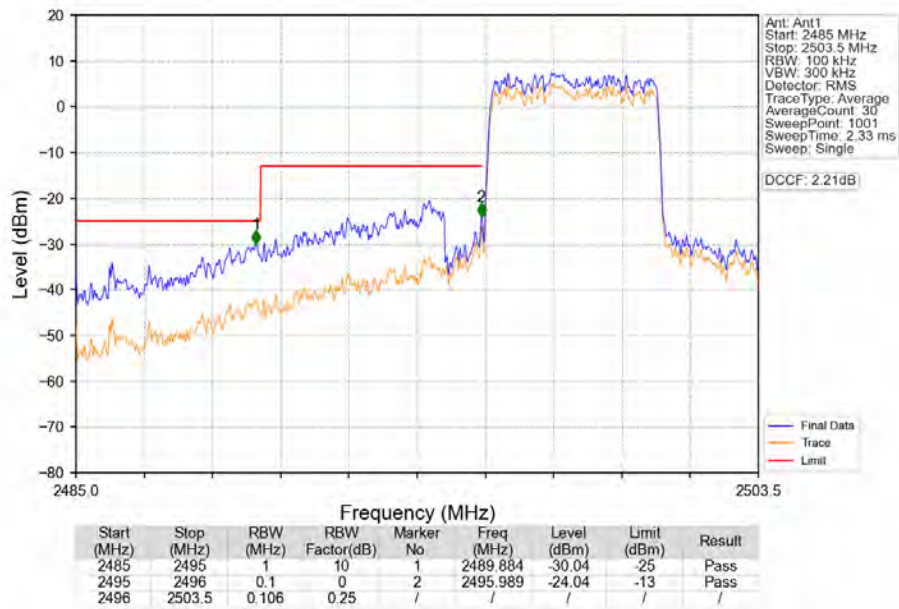
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



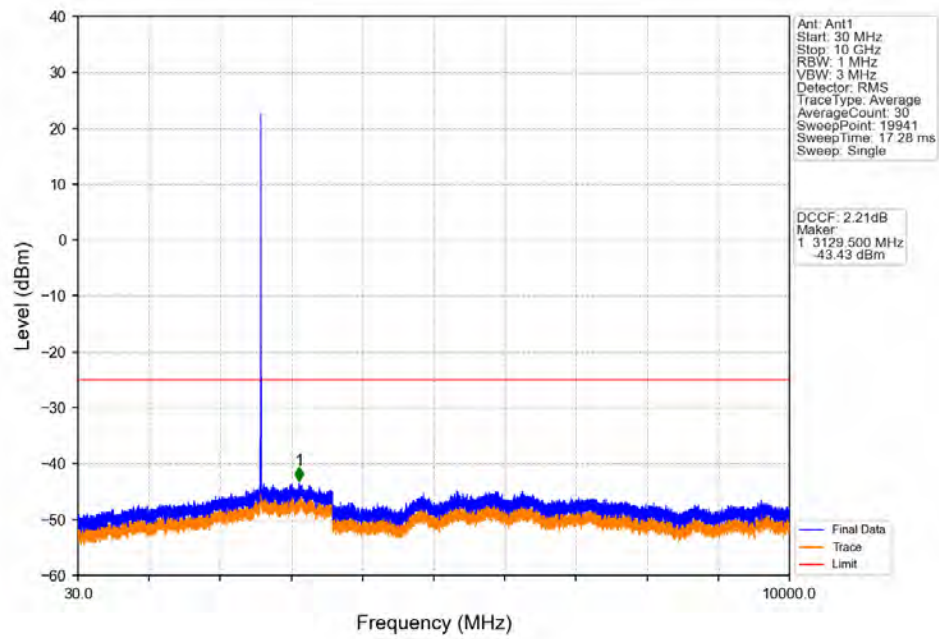
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



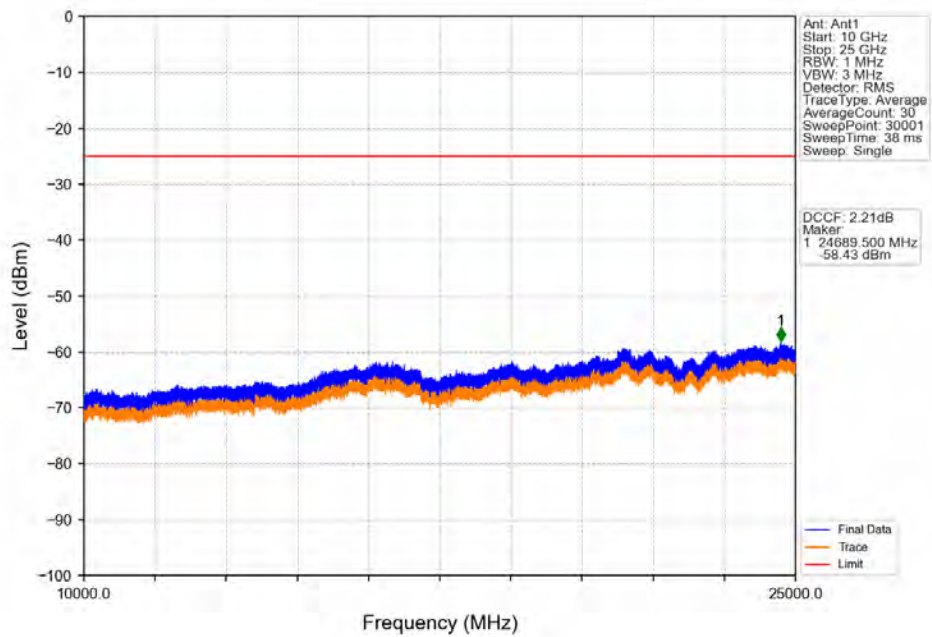
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



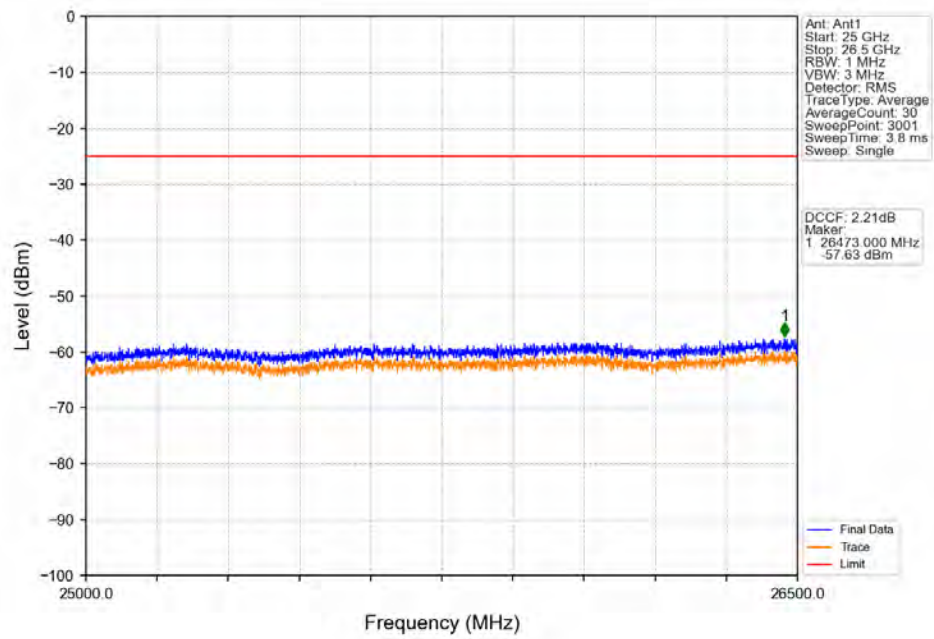
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



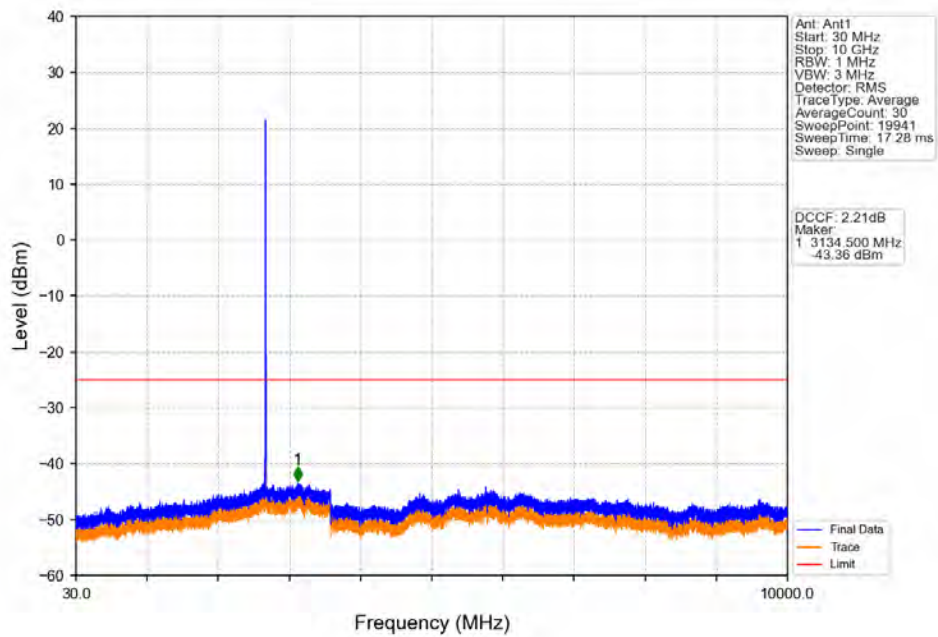
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



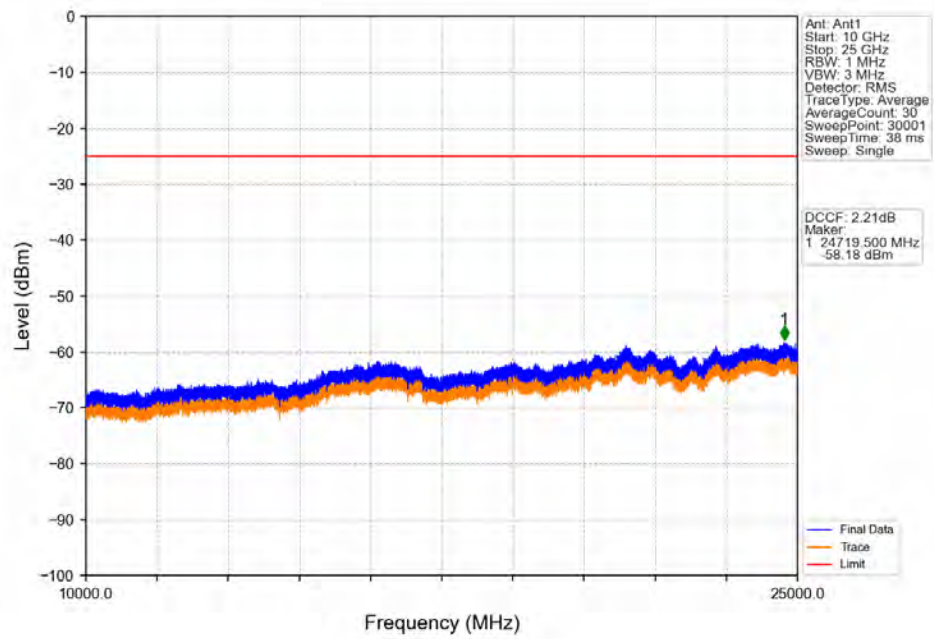
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



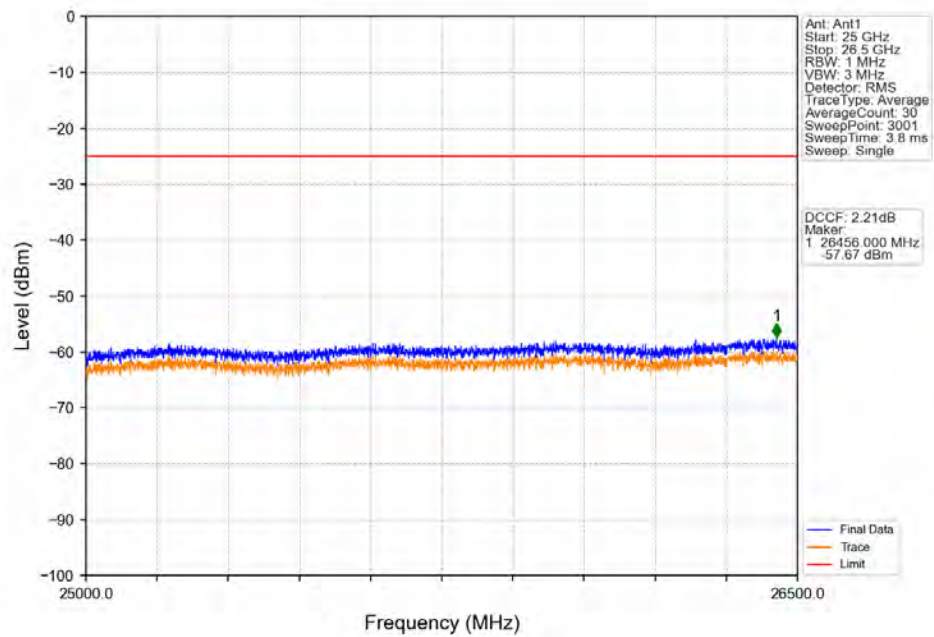
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



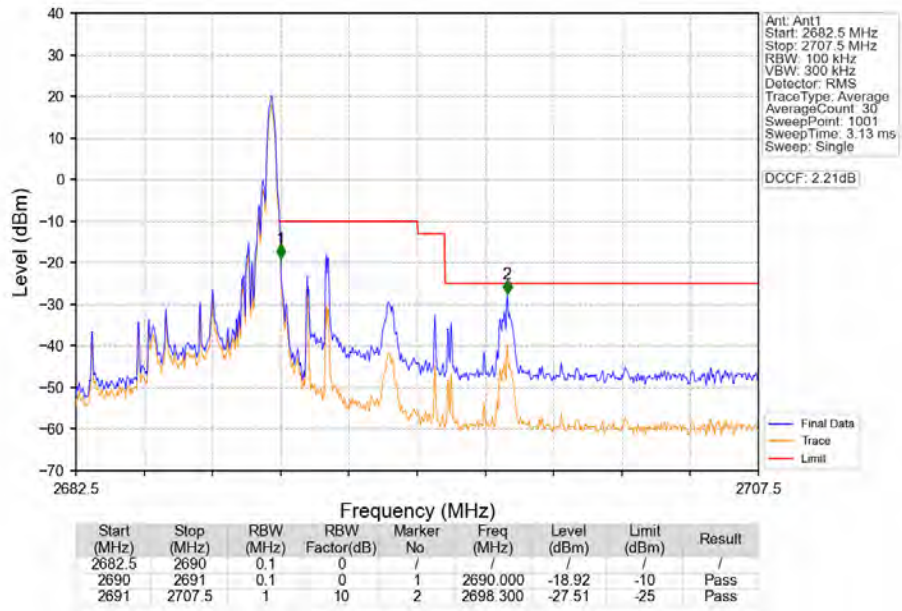
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



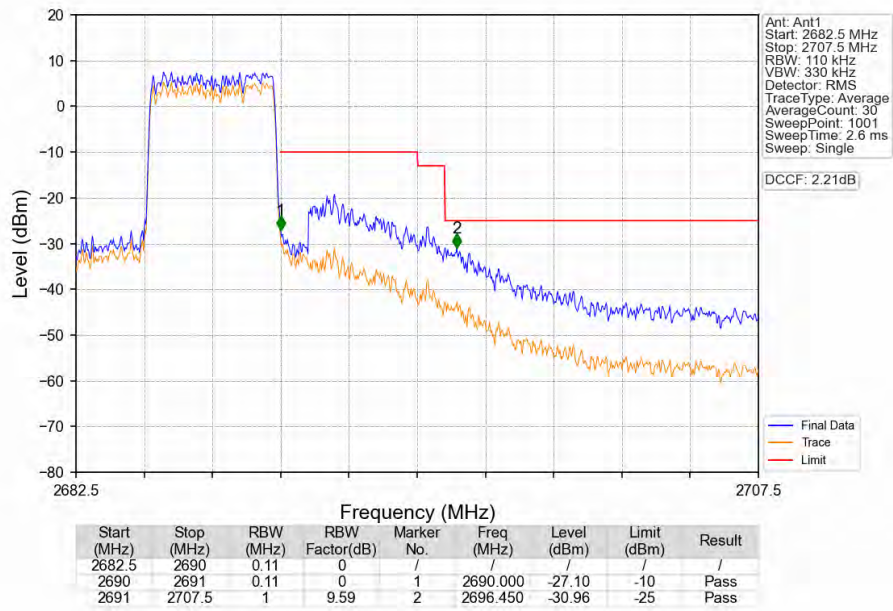
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_24_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV

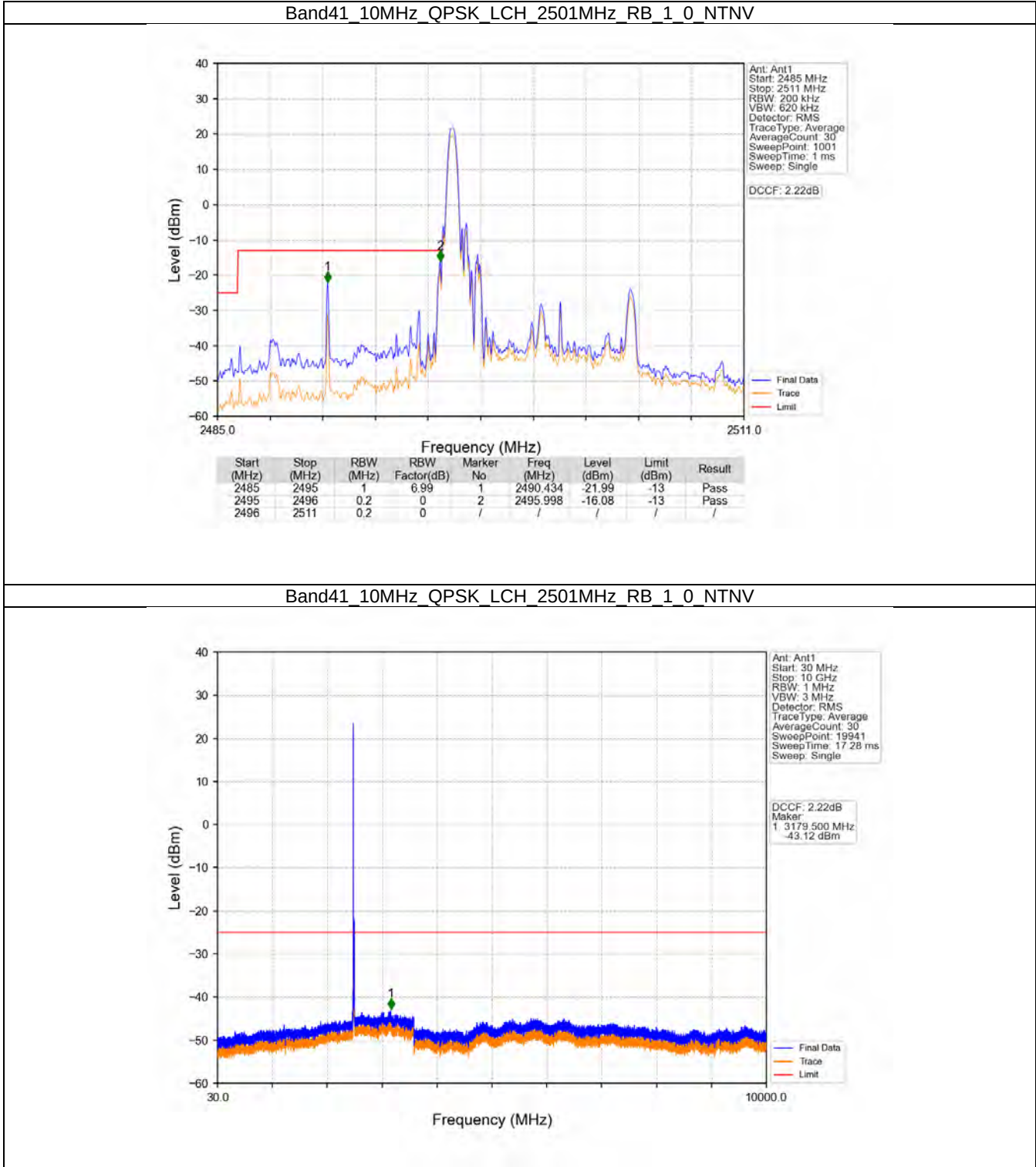


6.2 B41_10MHz

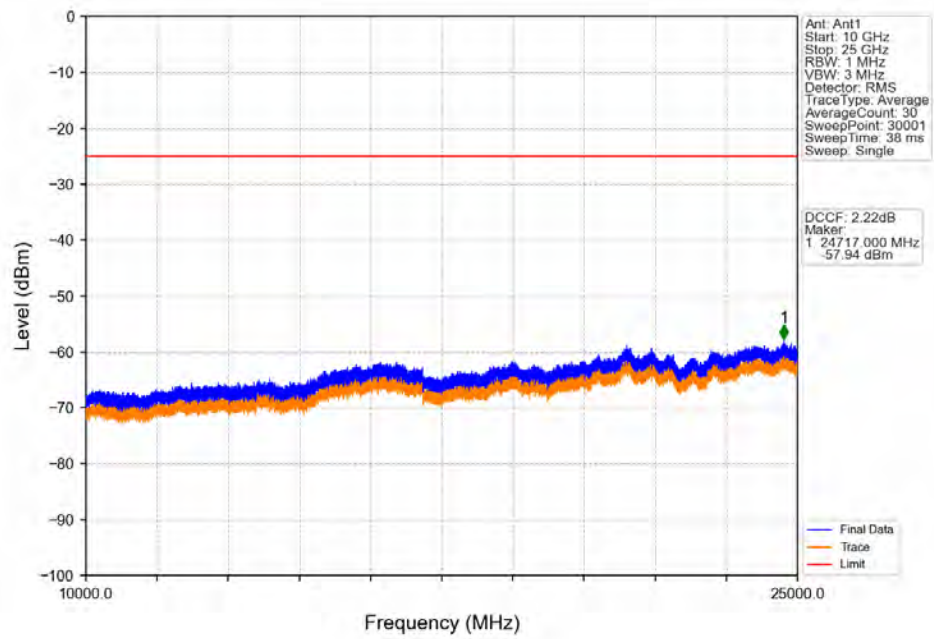
6.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTVN						
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

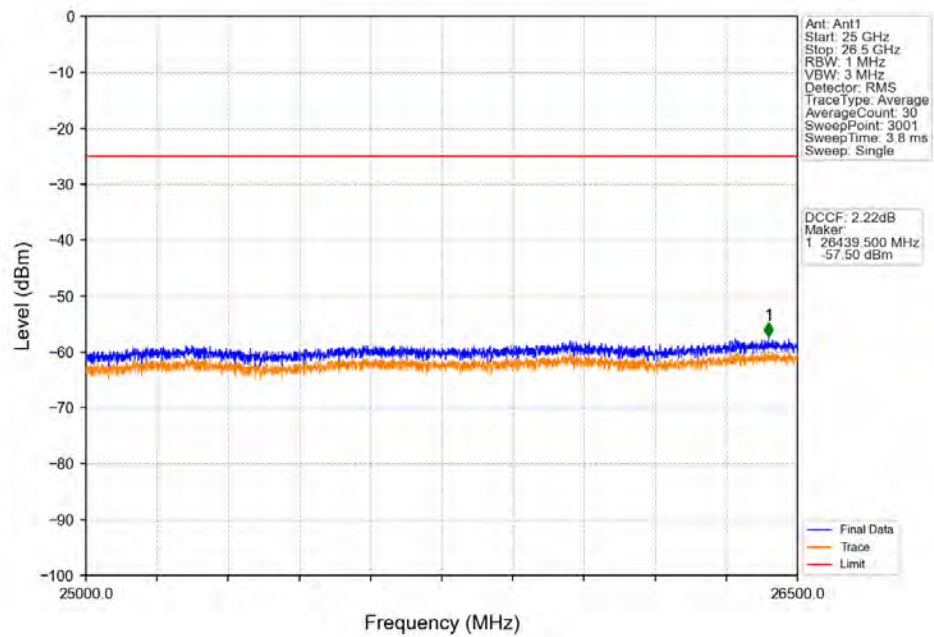
6.2.2 Test Graph



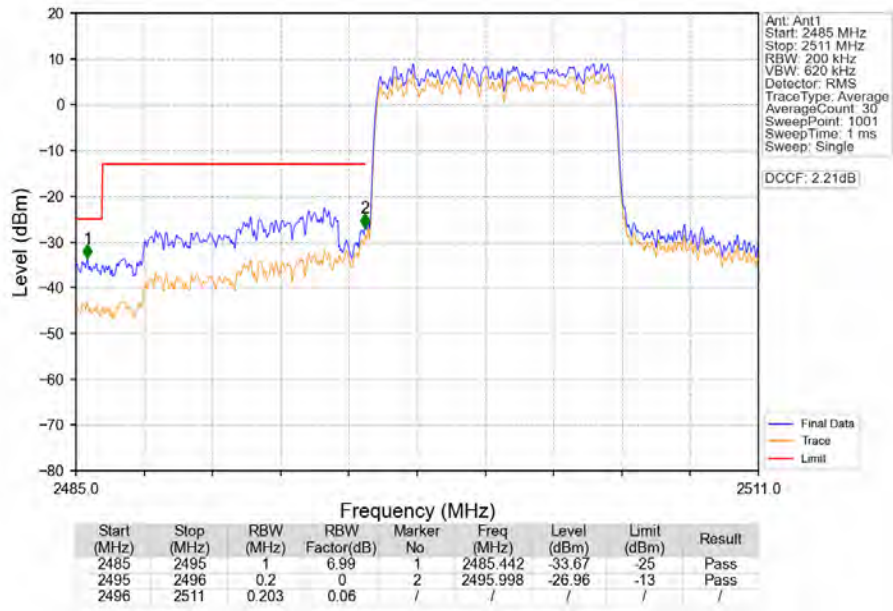
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



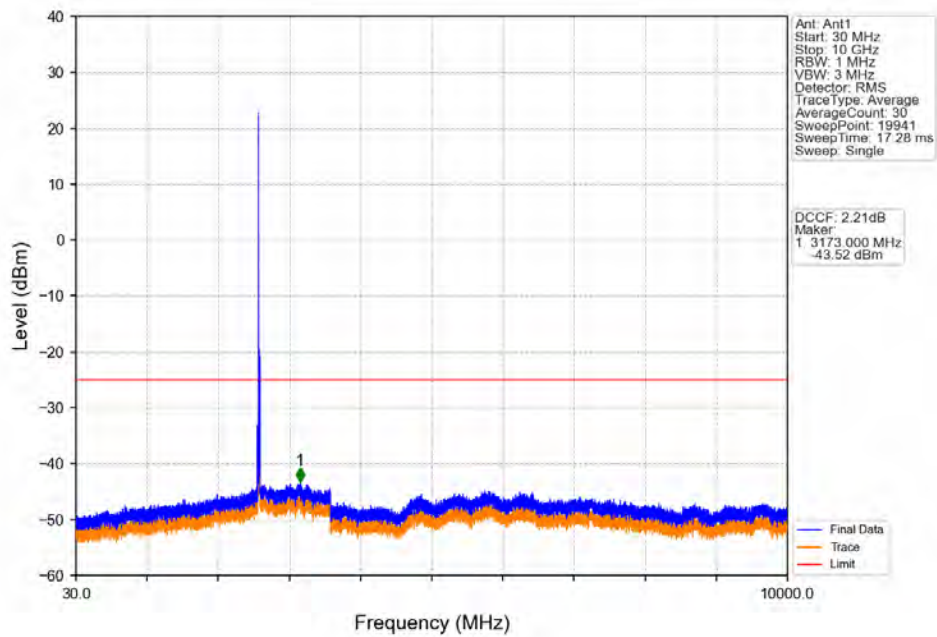
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



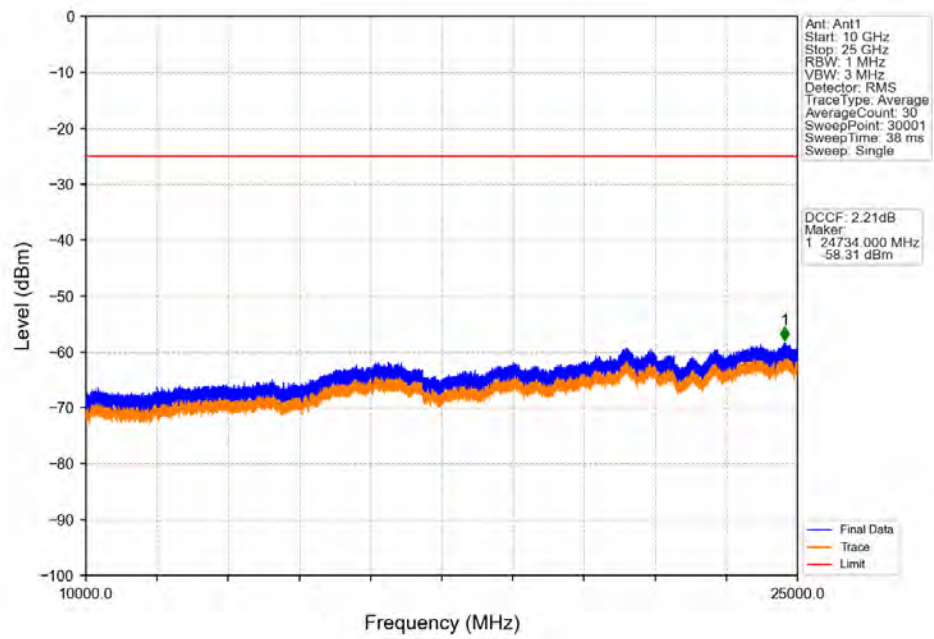
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



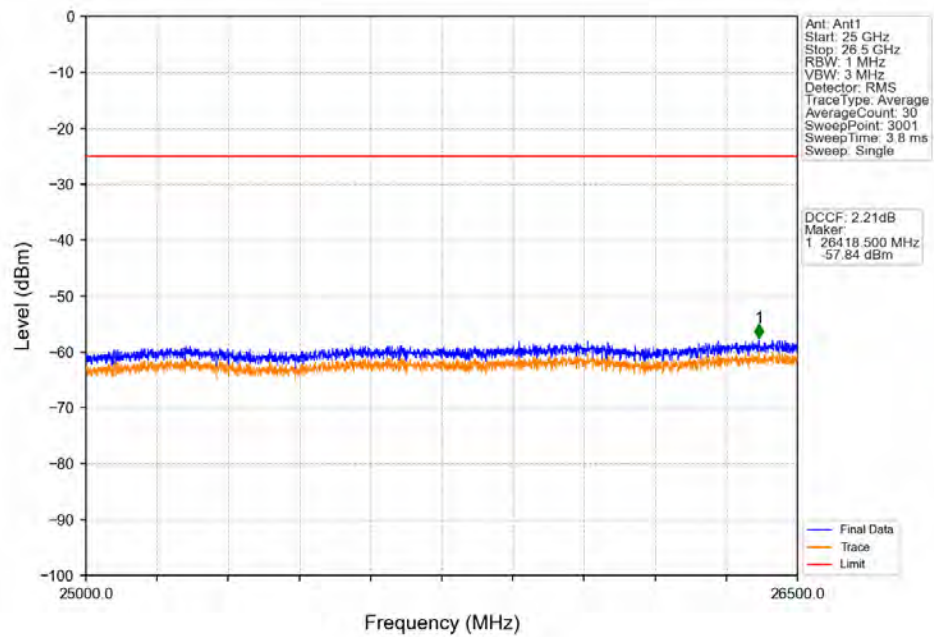
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



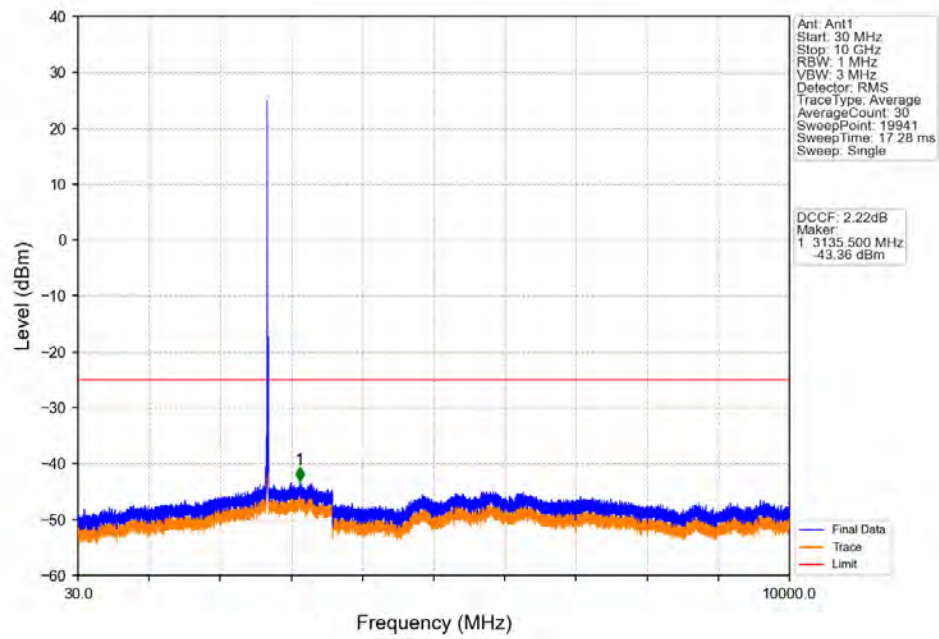
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



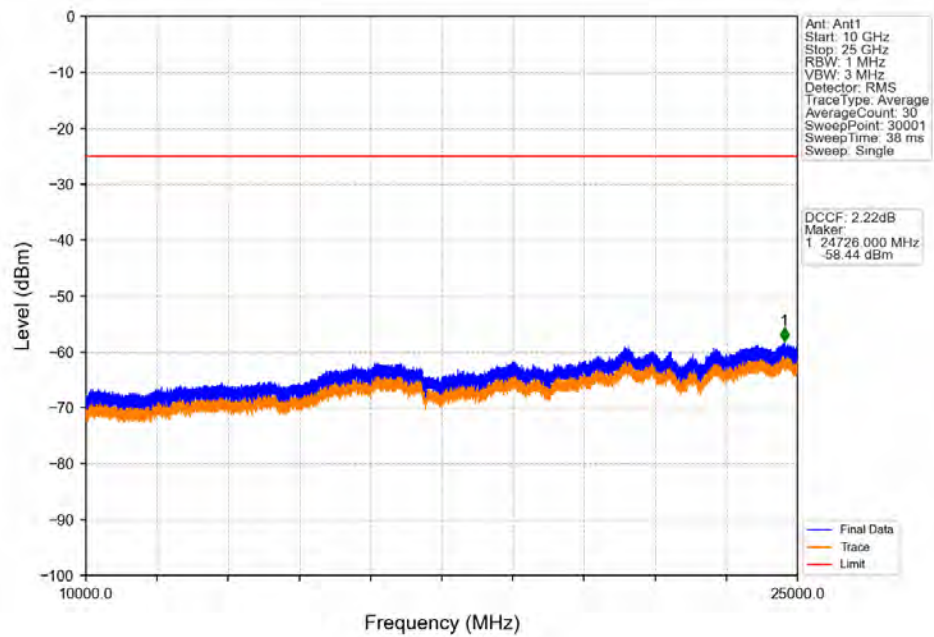
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



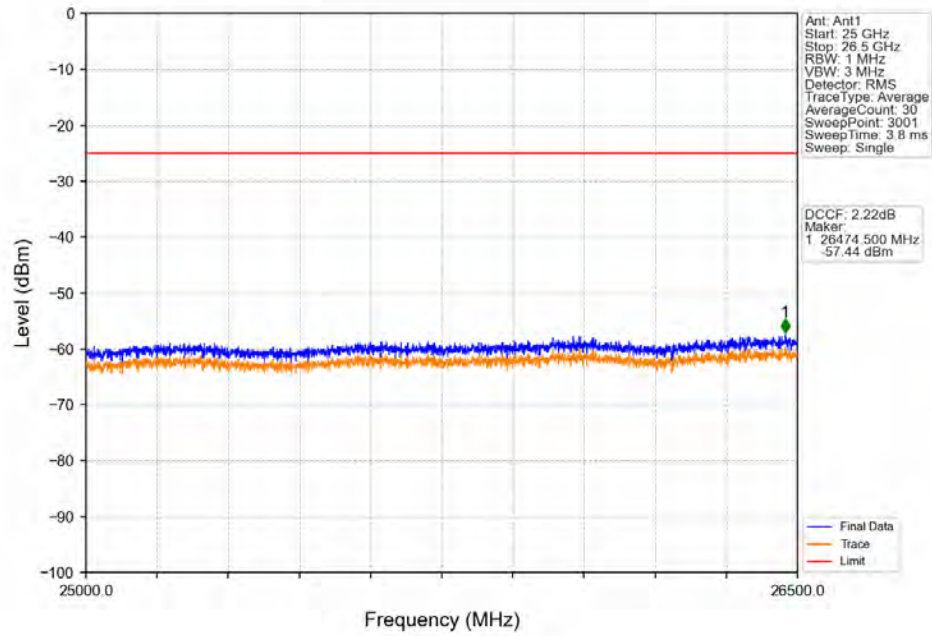
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



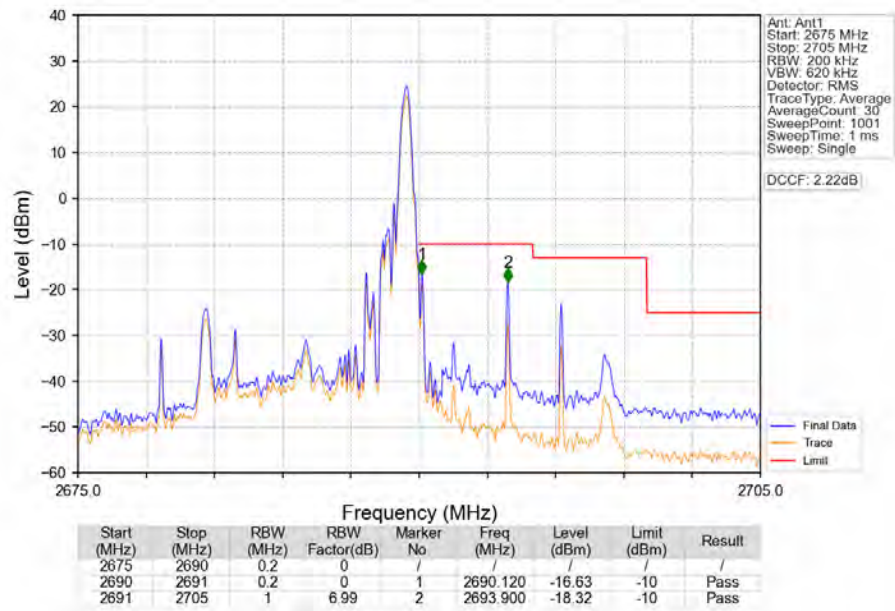
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



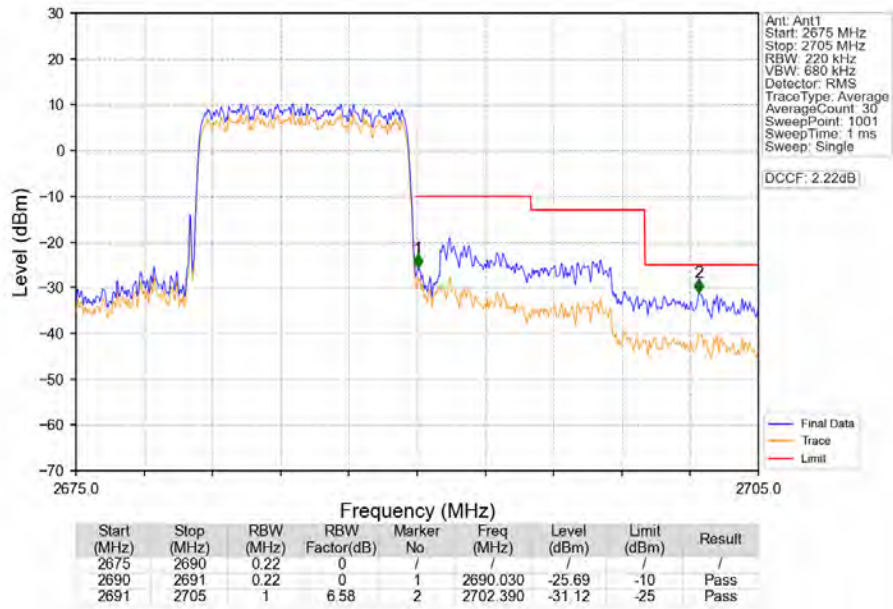
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



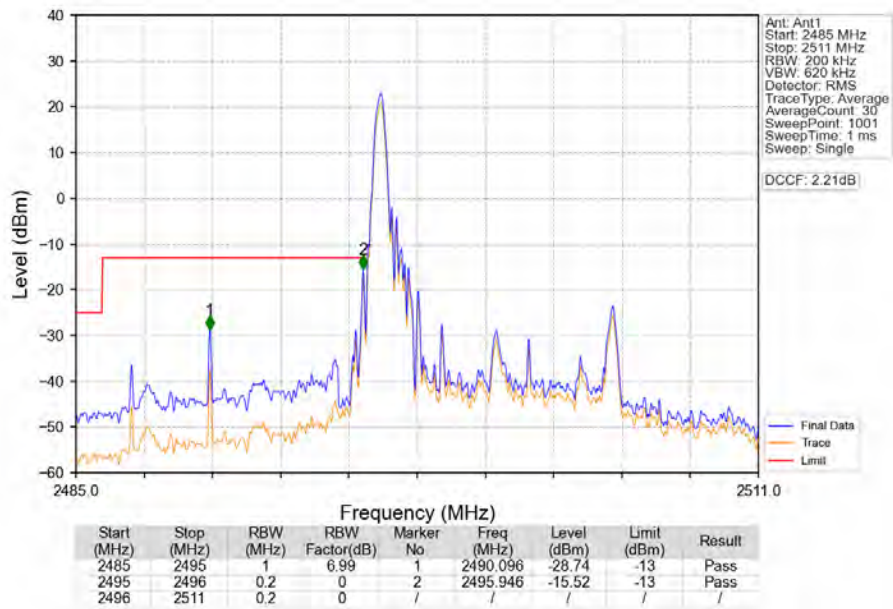
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



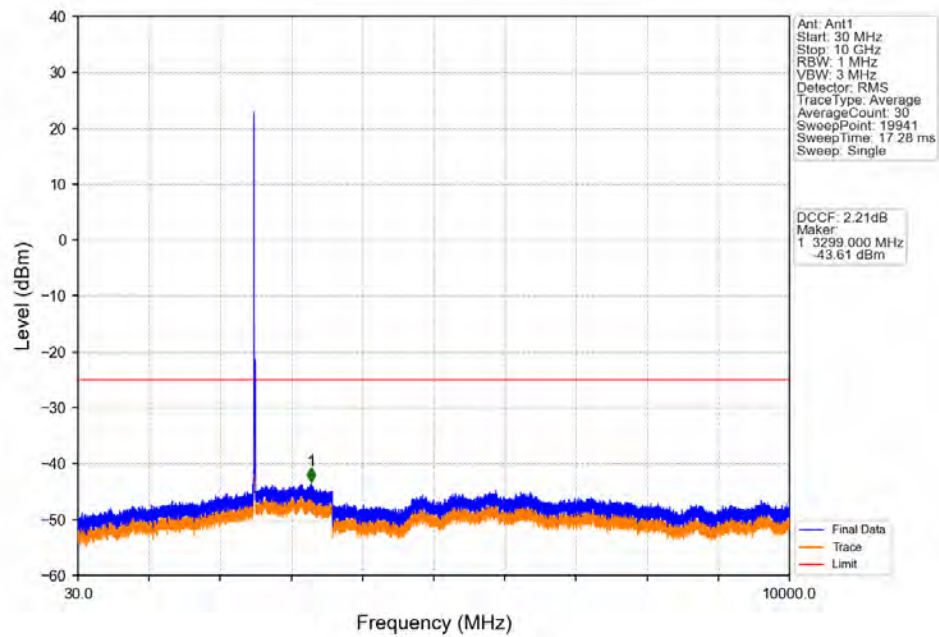
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



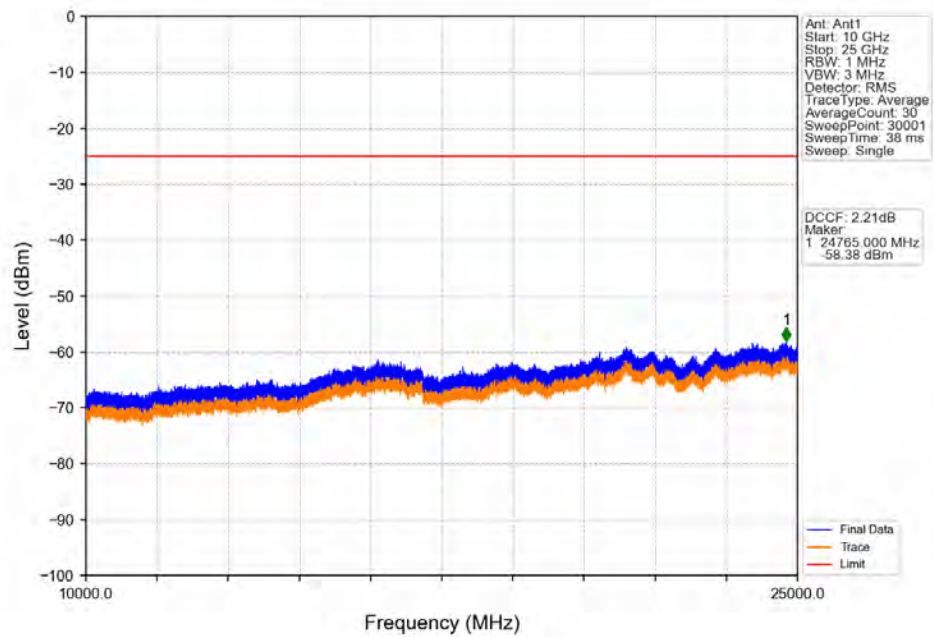
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



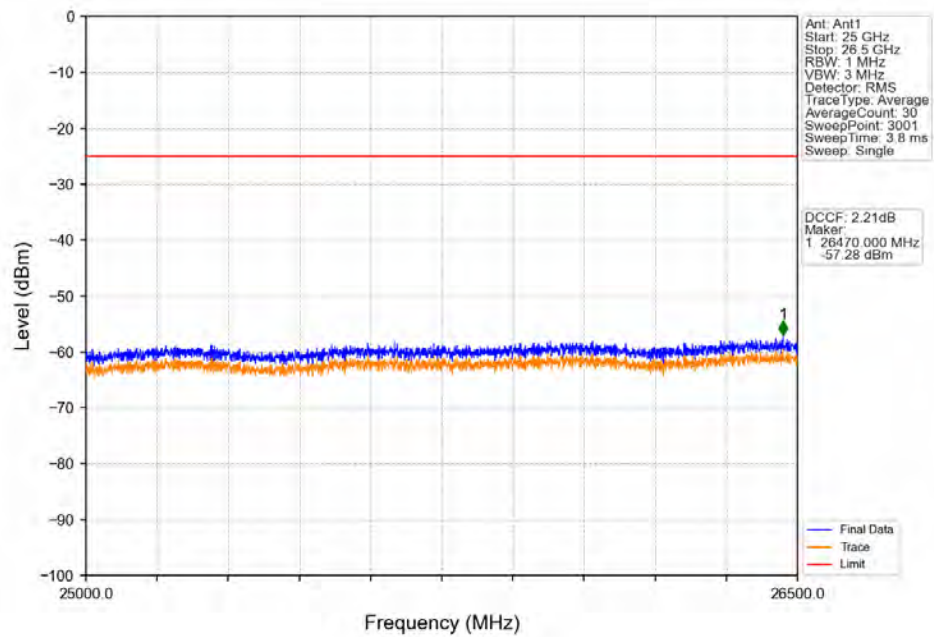
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



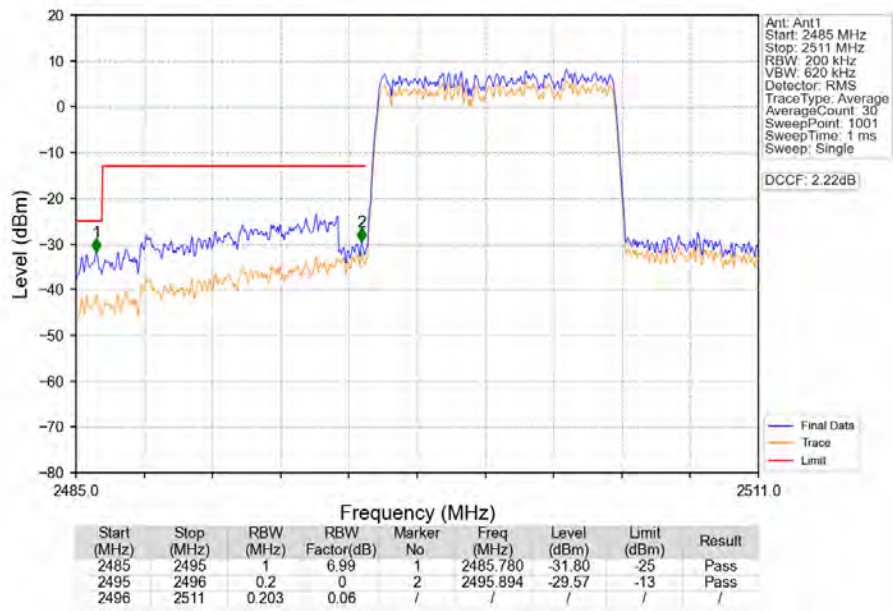
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



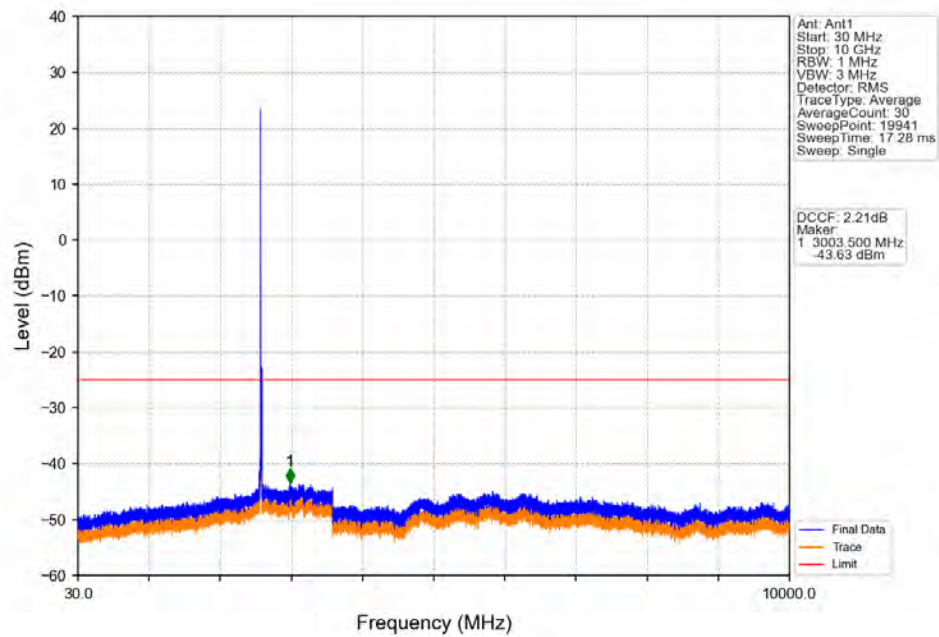
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



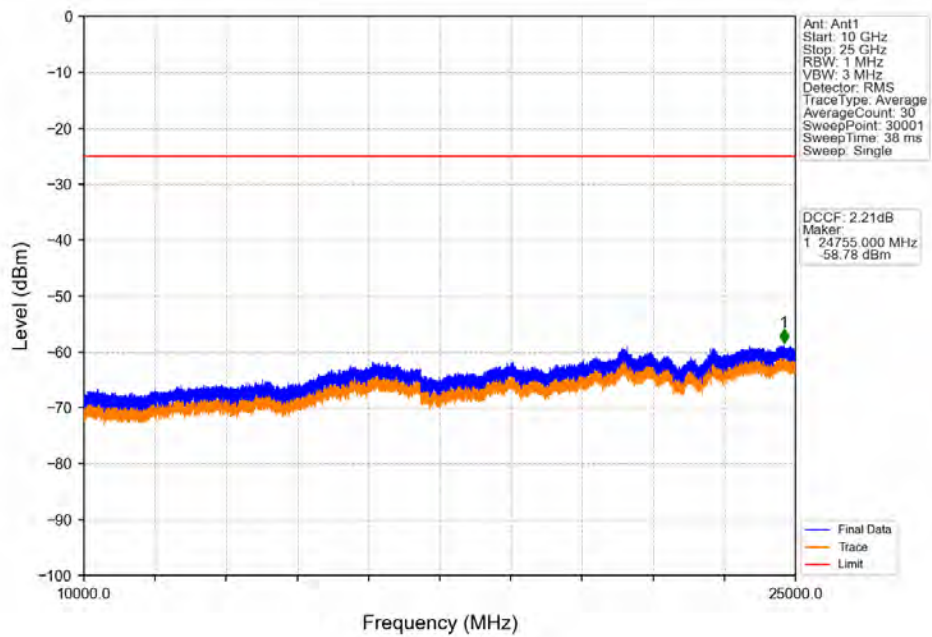
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



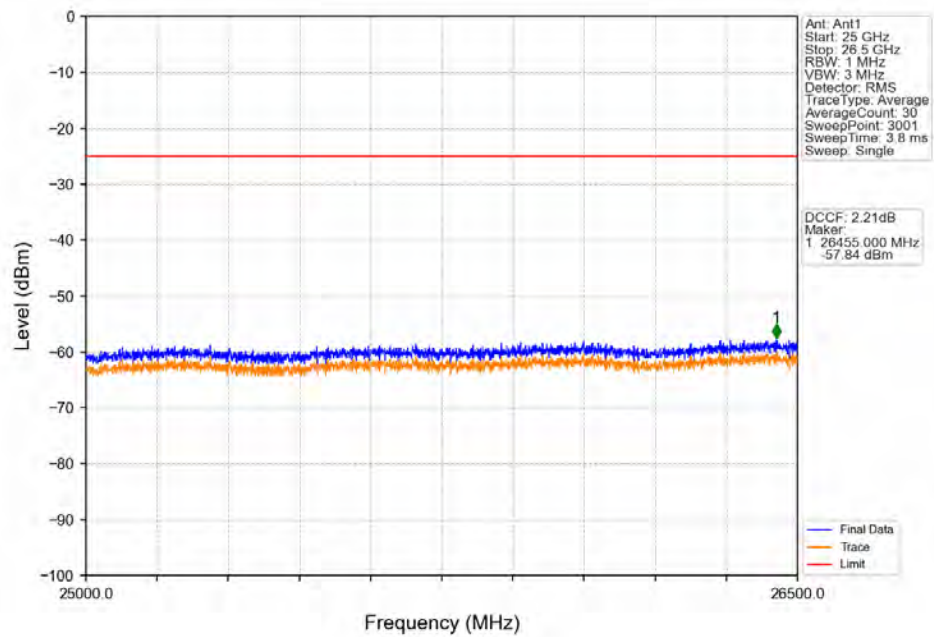
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



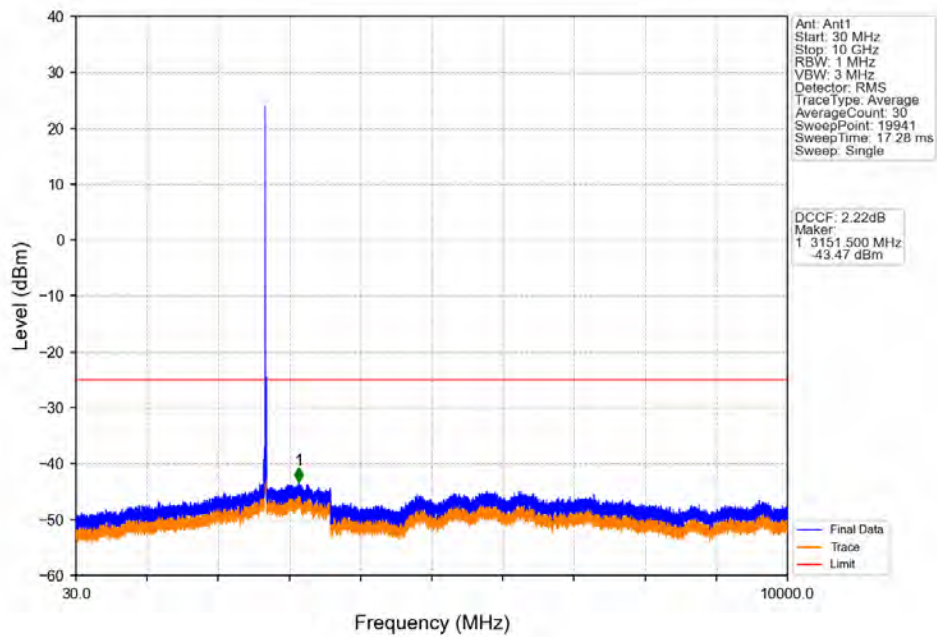
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



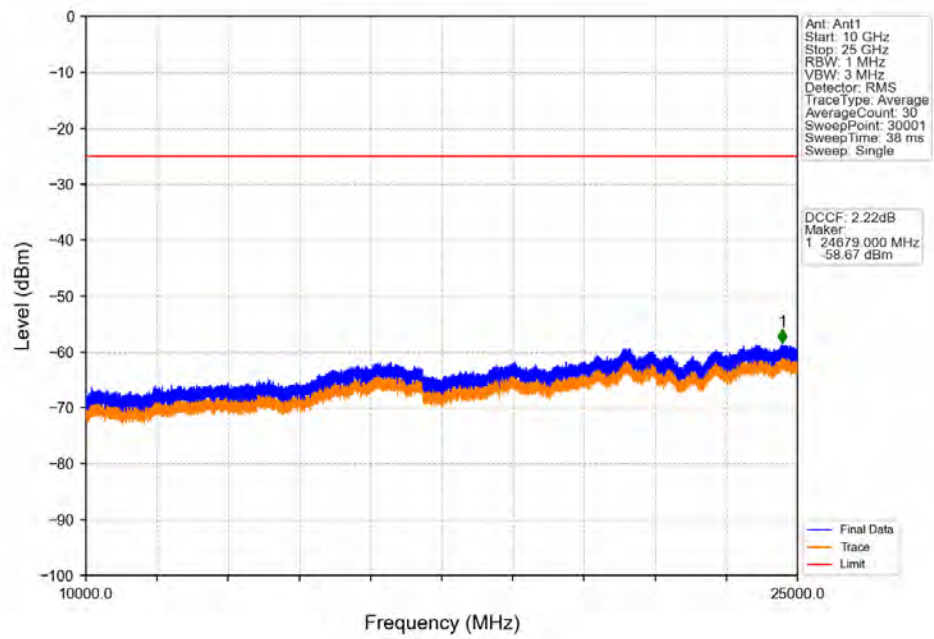
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



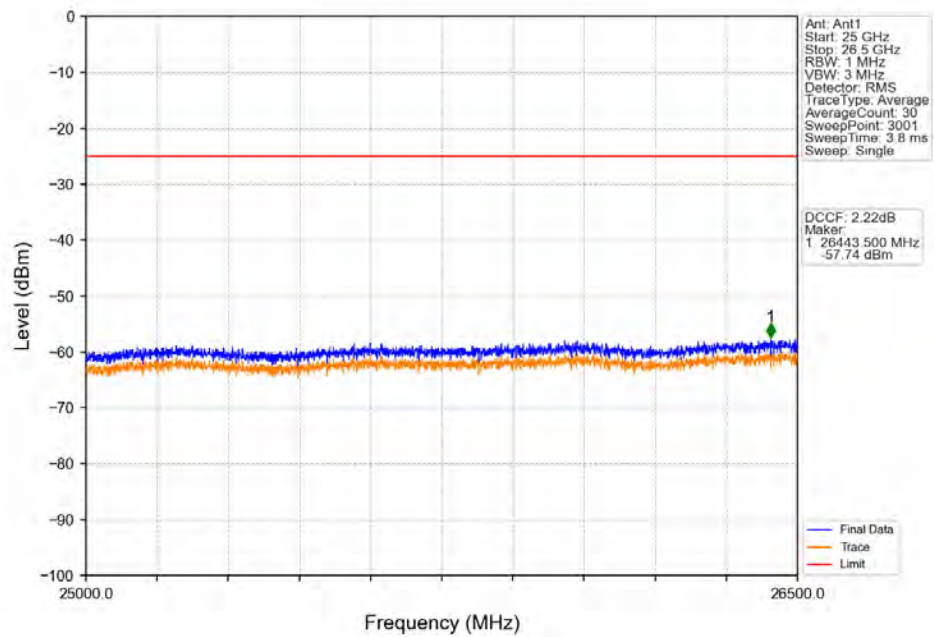
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



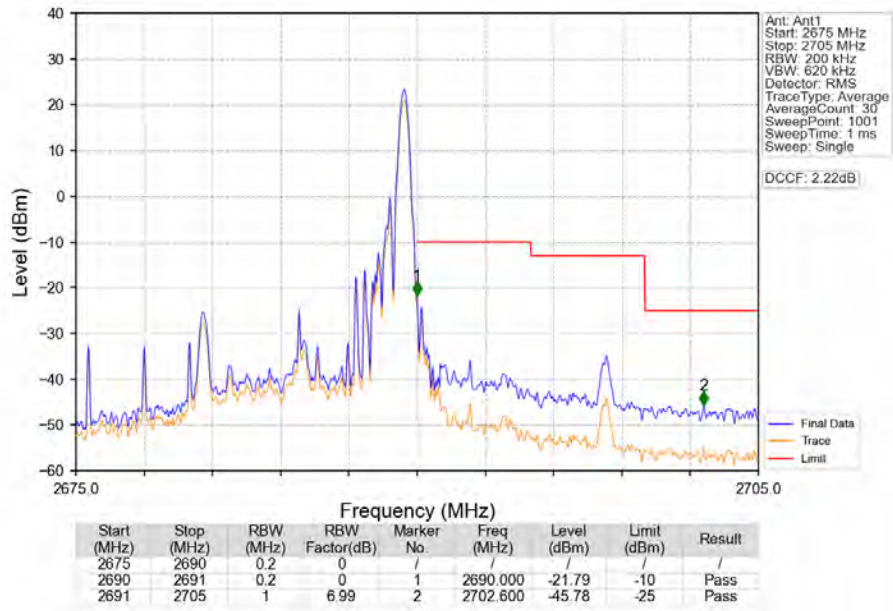
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



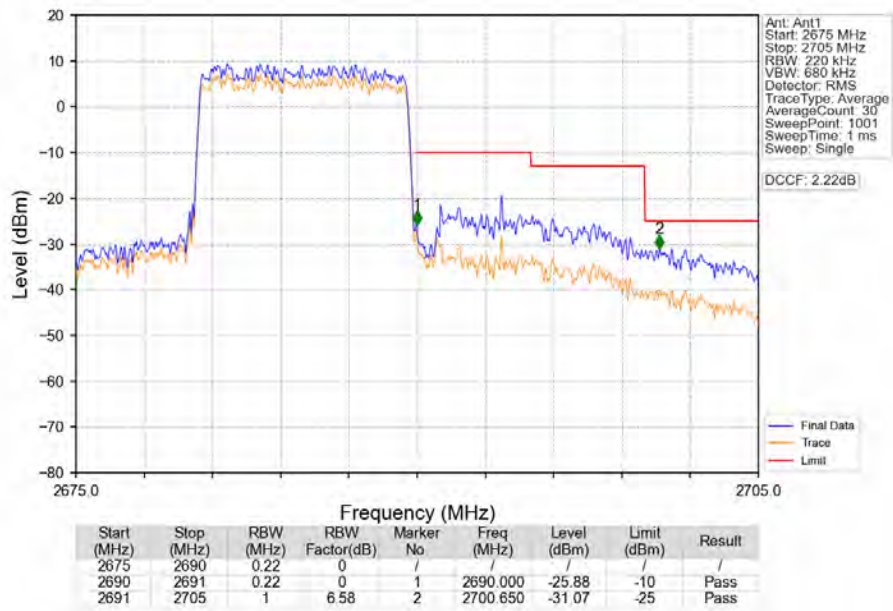
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_1_49_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV

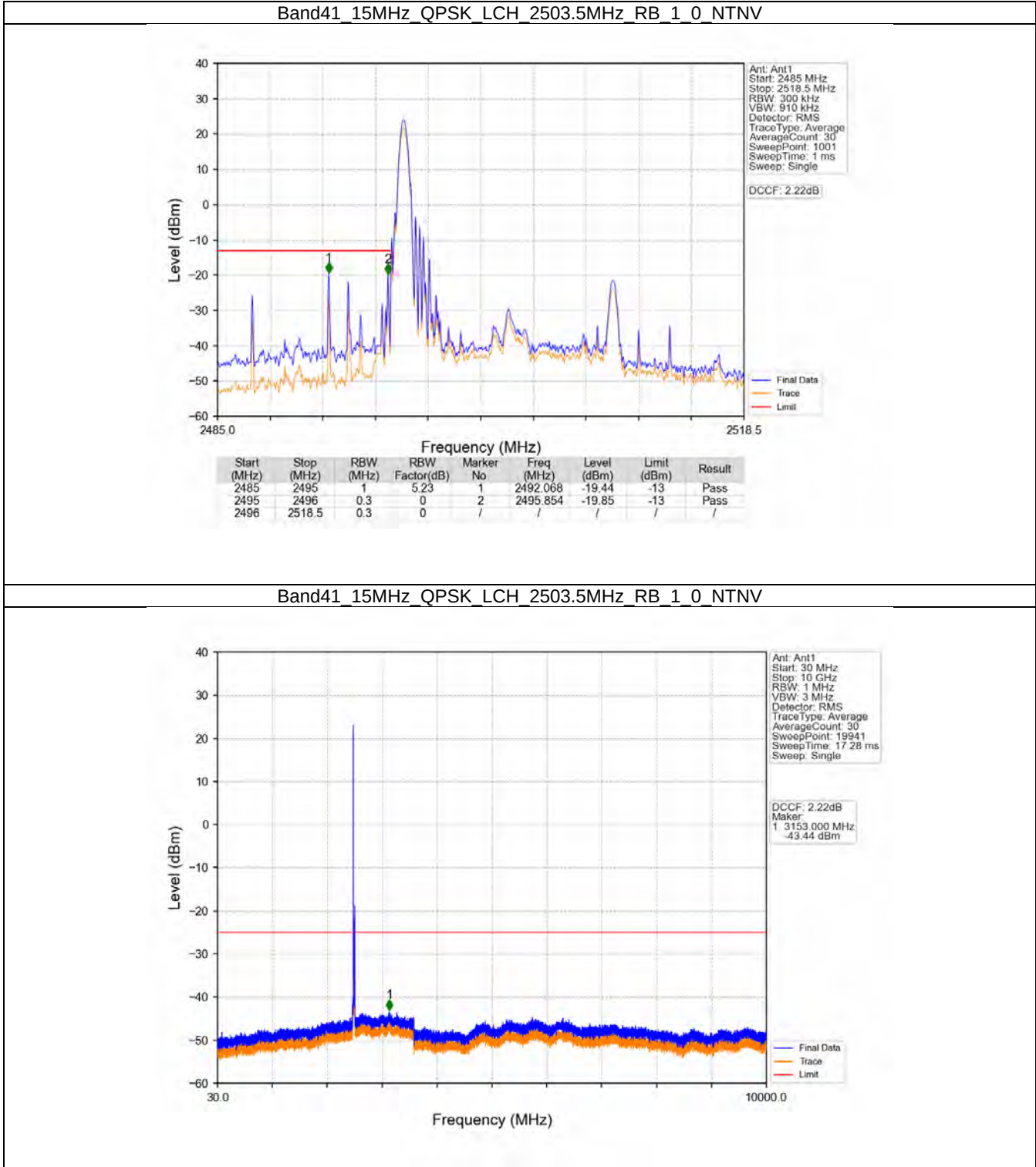


6.3 B41_15MHz

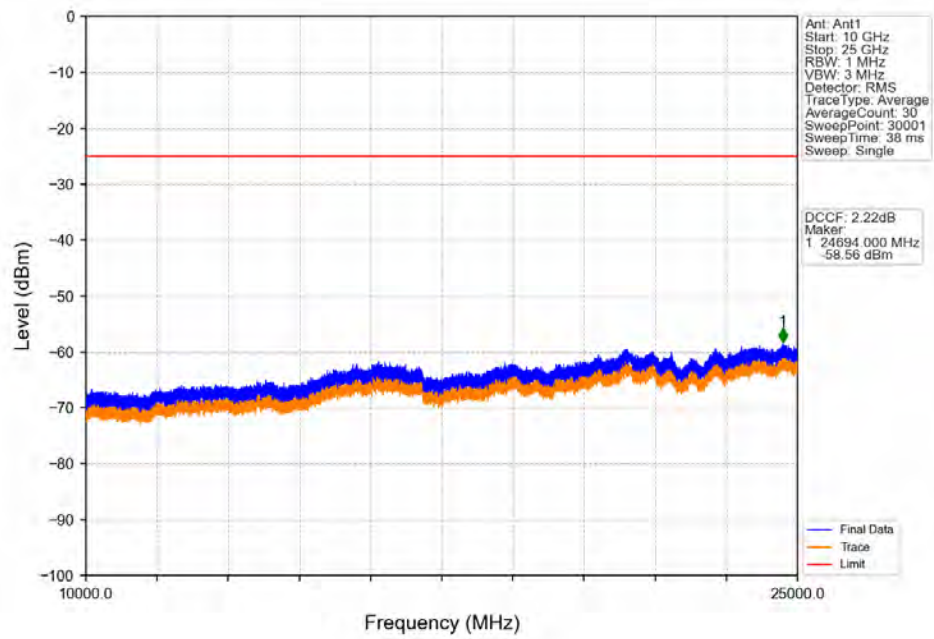
6.3.1 Test Result

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

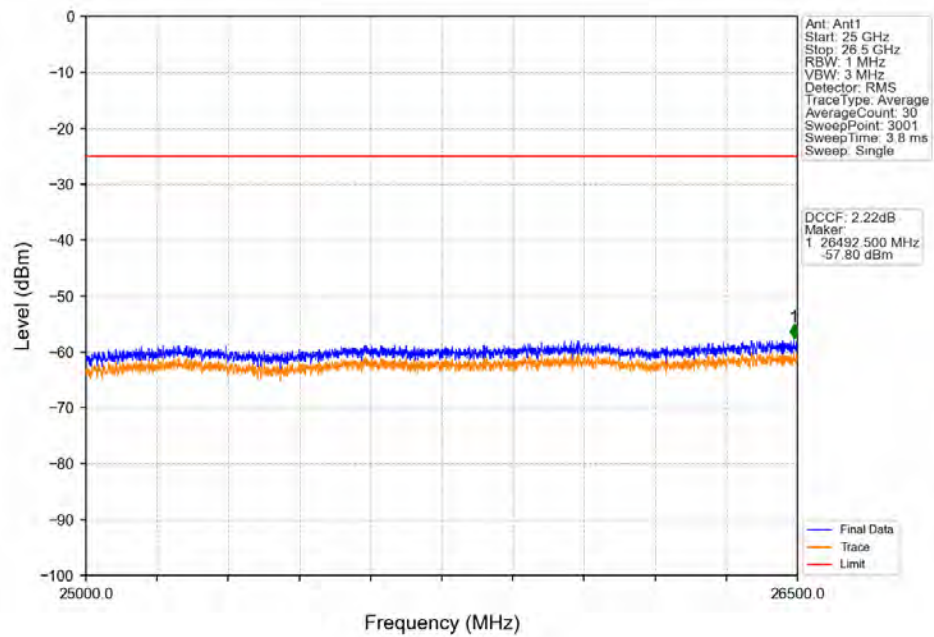
6.3.2 Test Graph



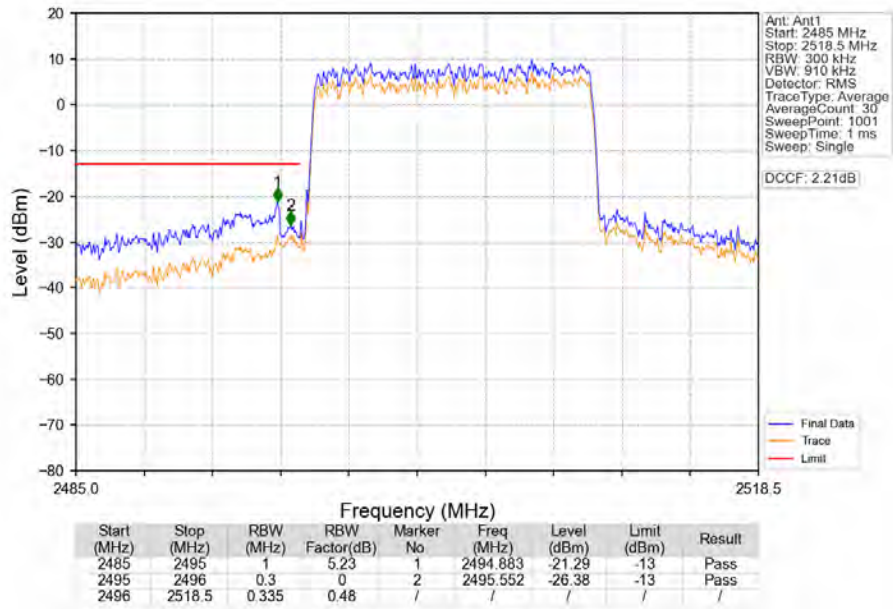
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



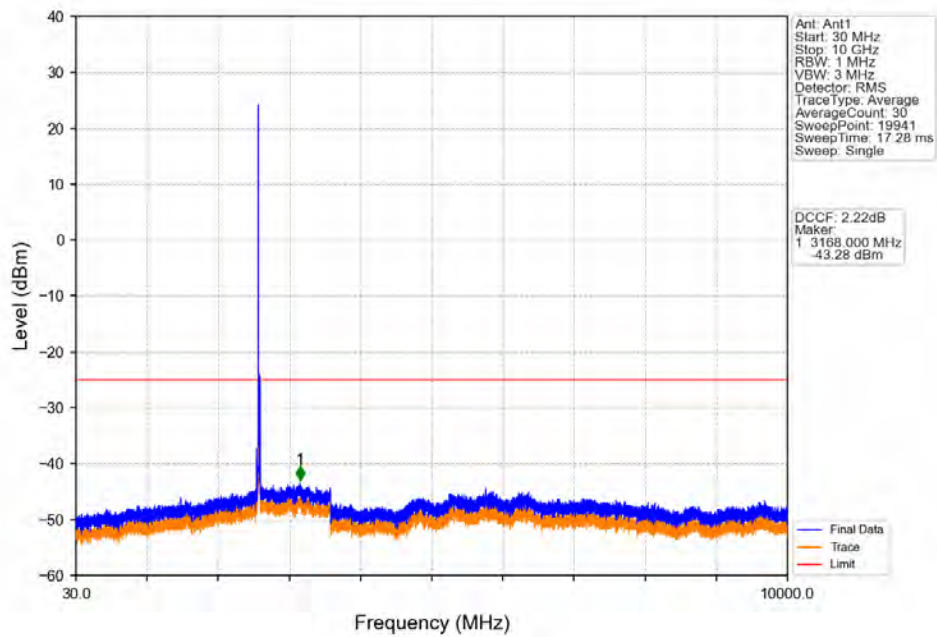
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



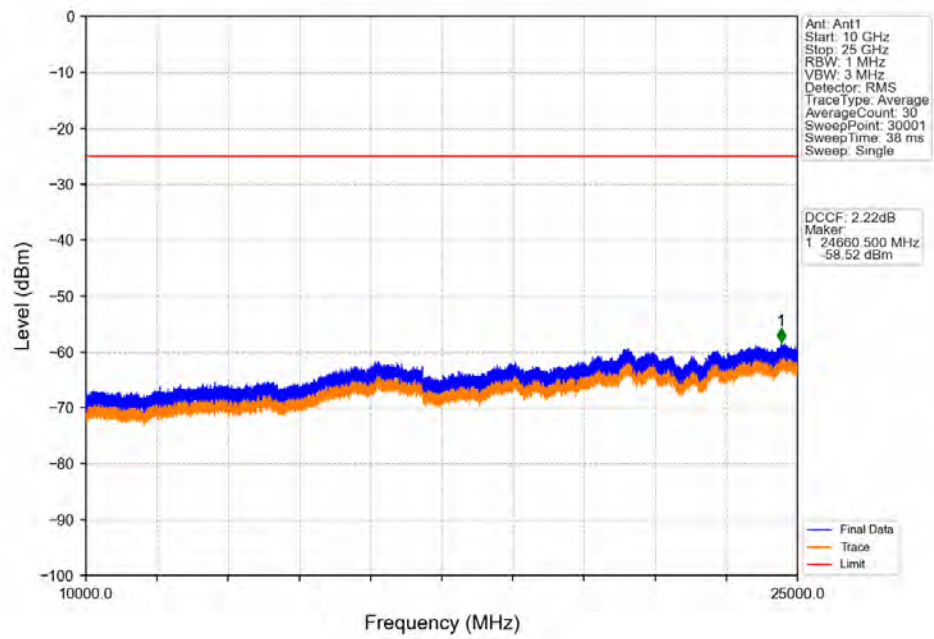
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



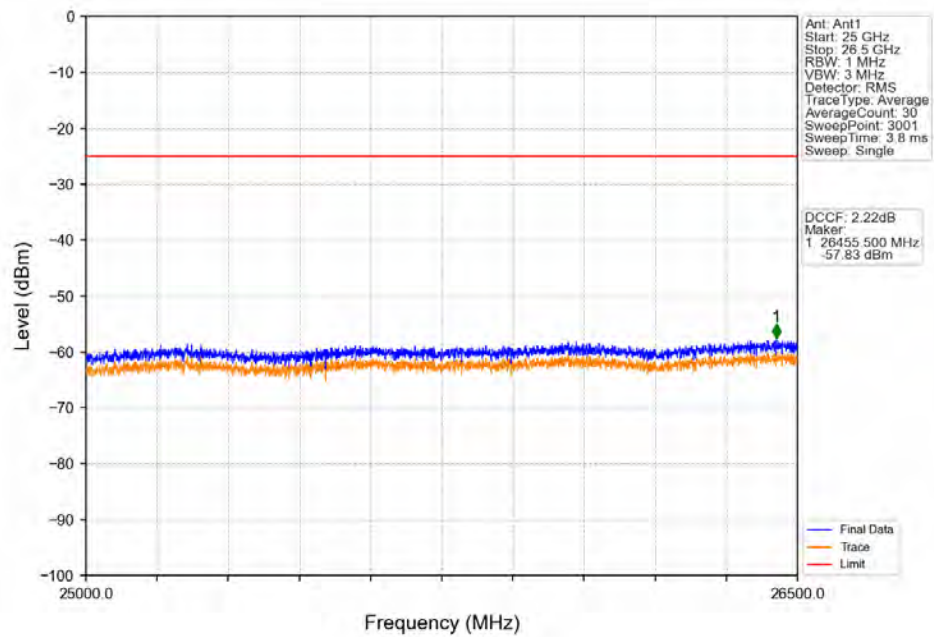
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



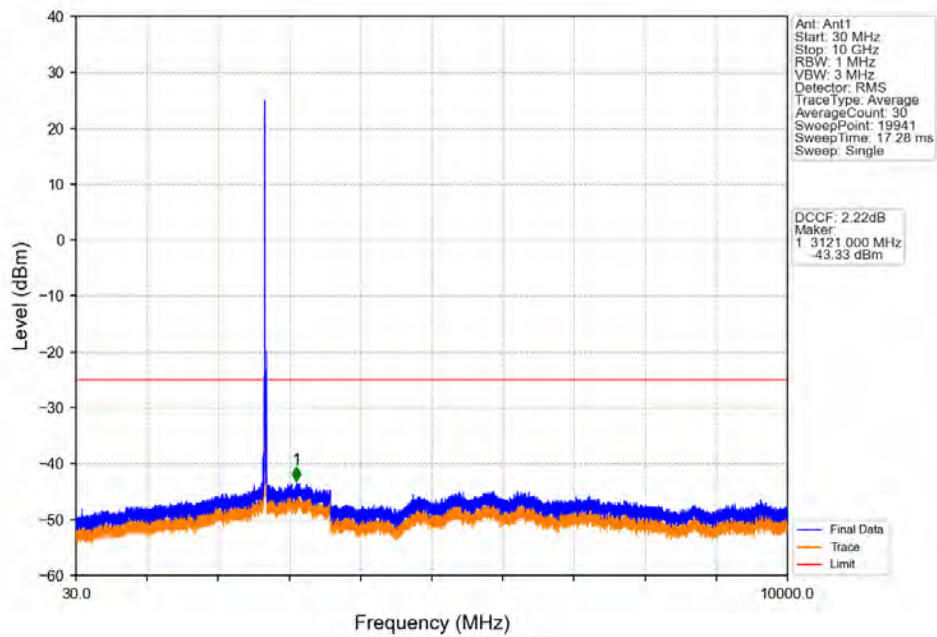
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



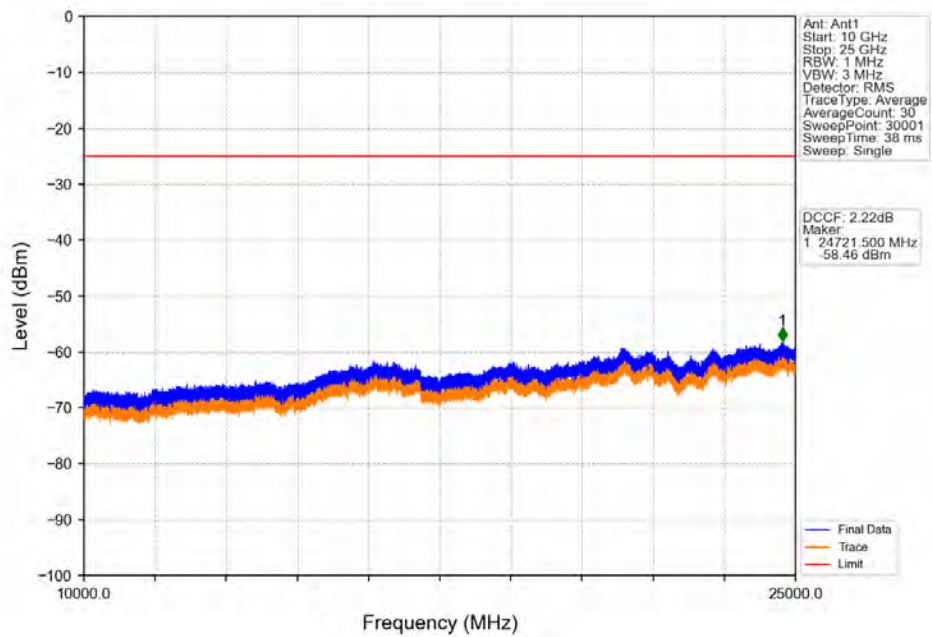
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



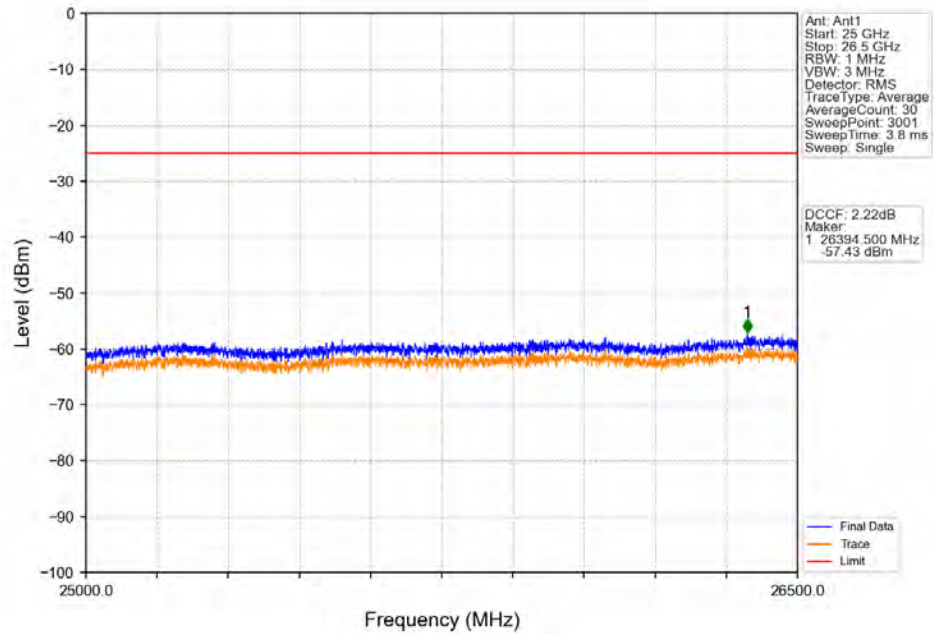
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



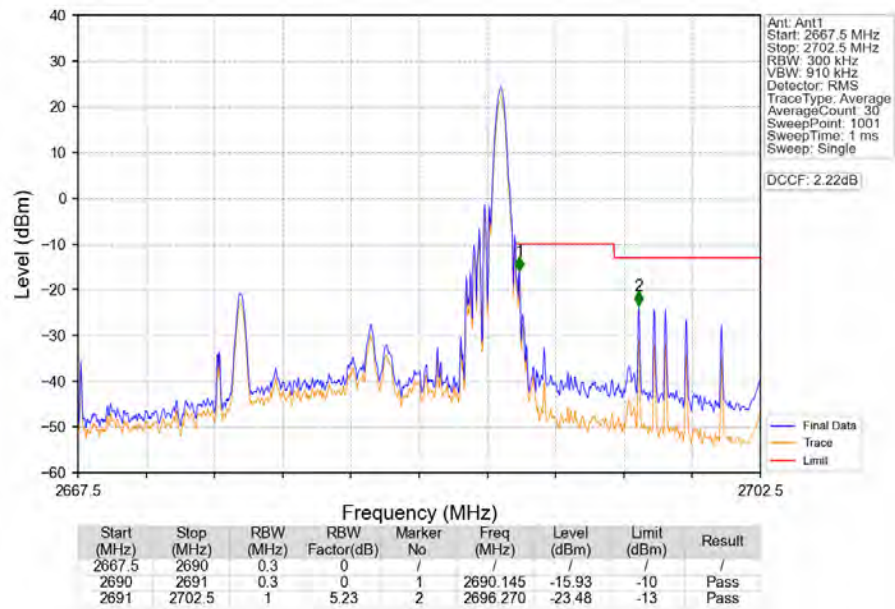
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



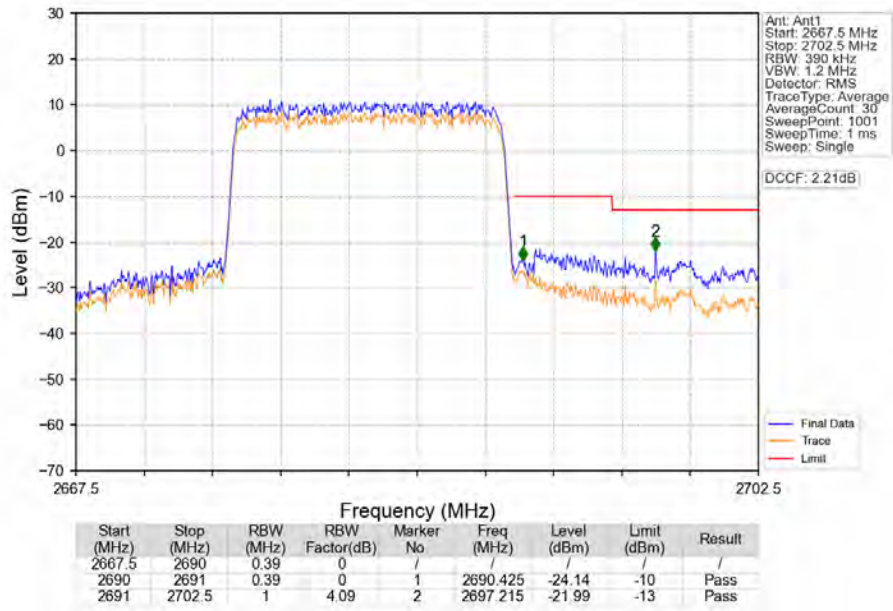
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



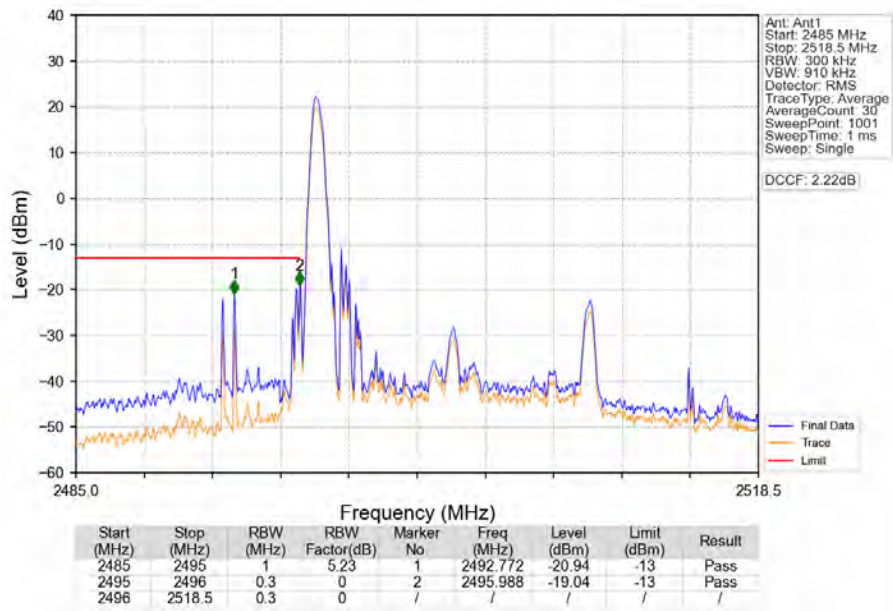
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



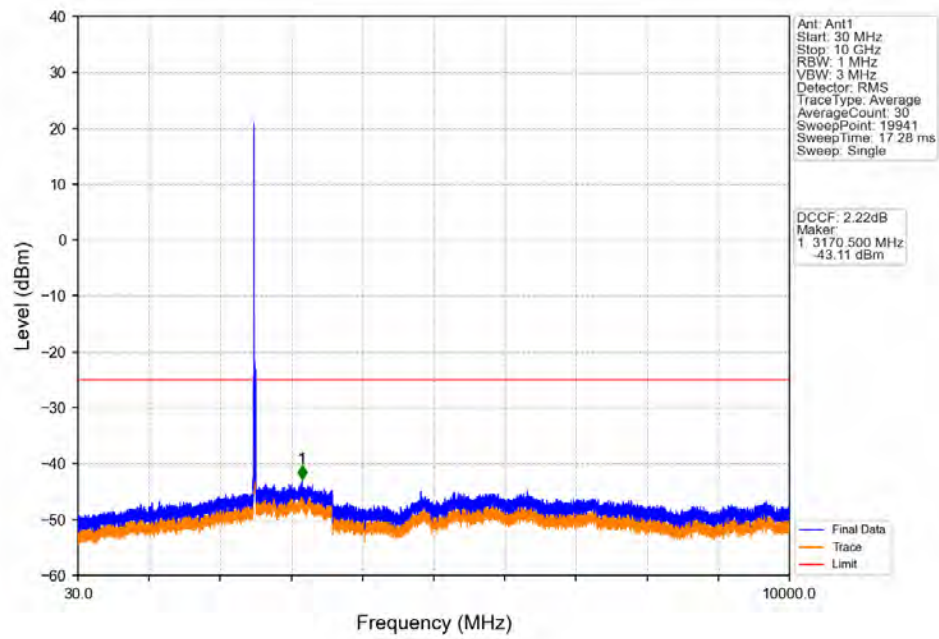
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



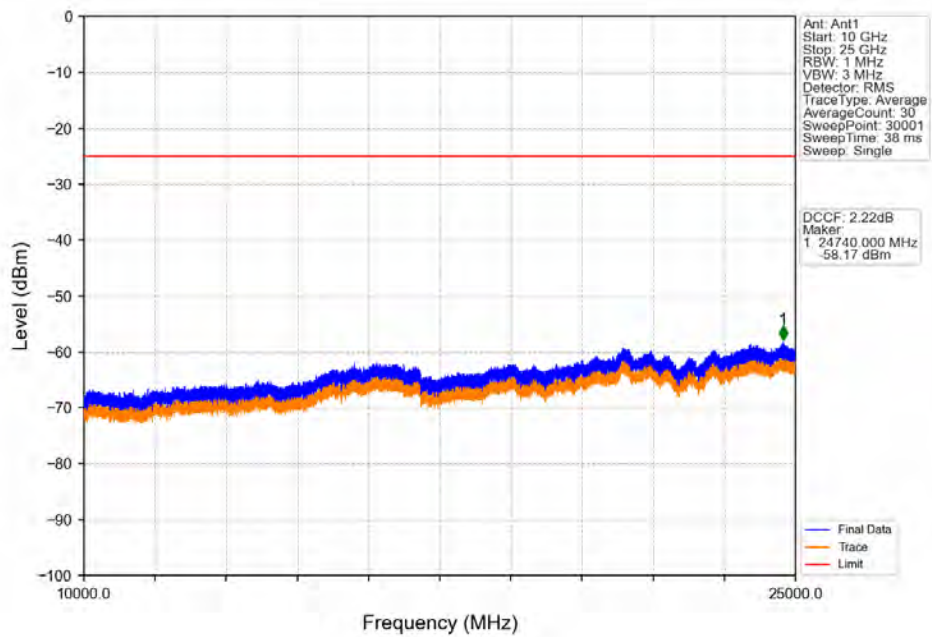
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



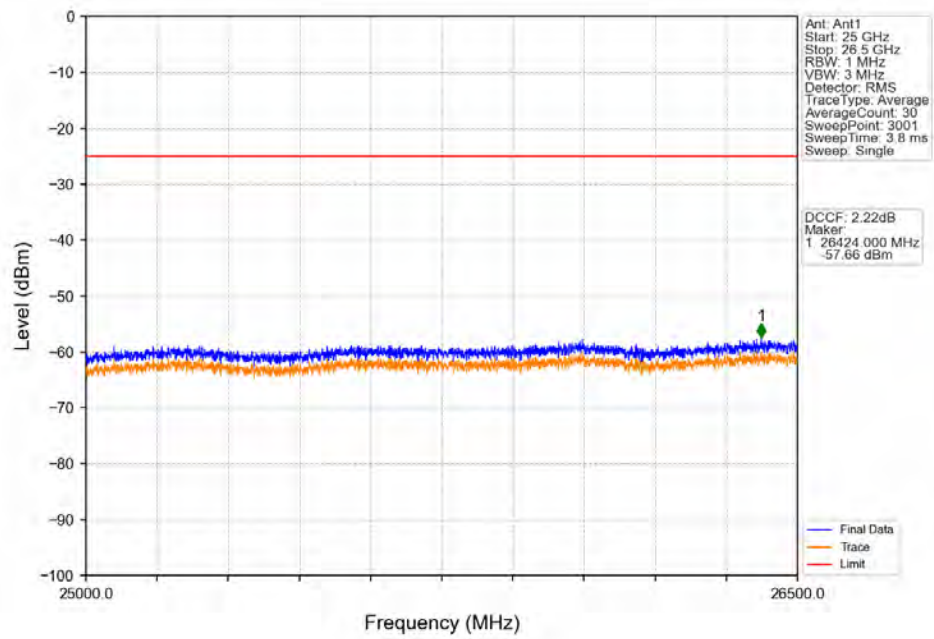
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



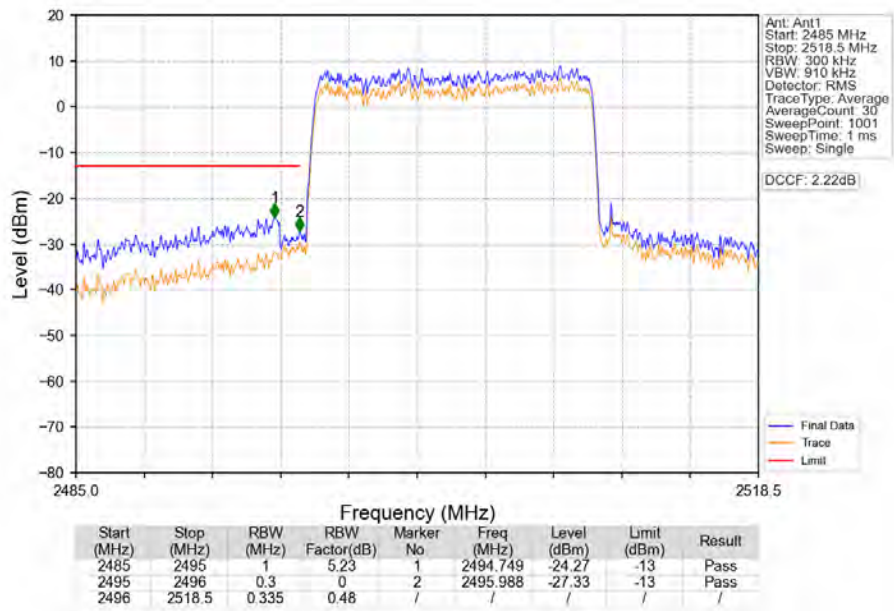
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



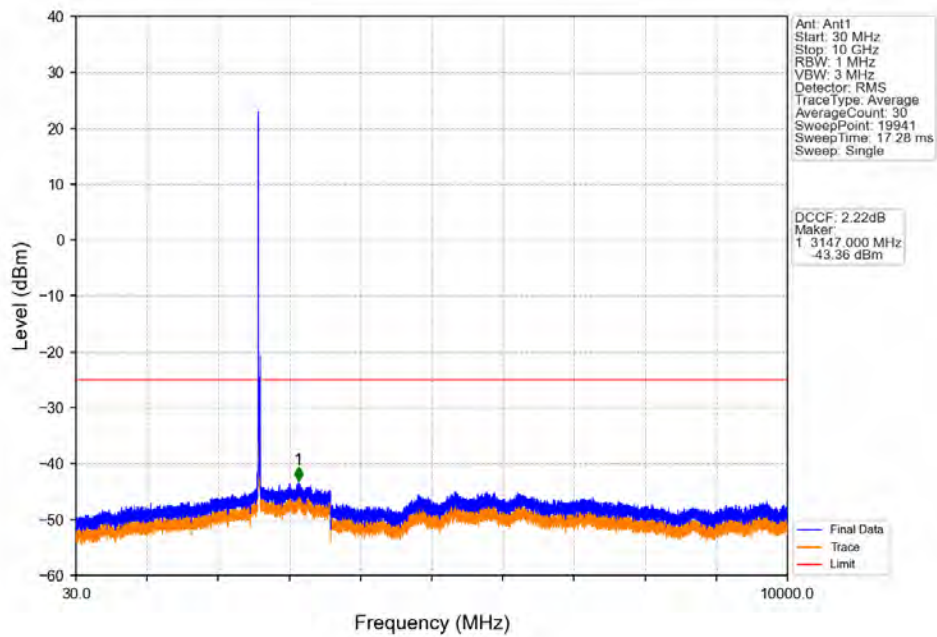
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



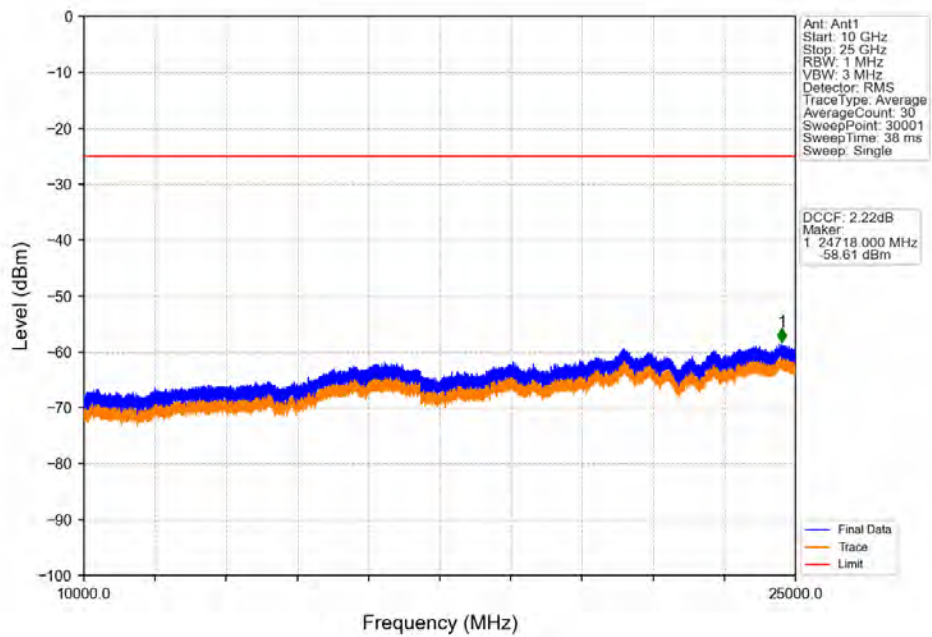
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



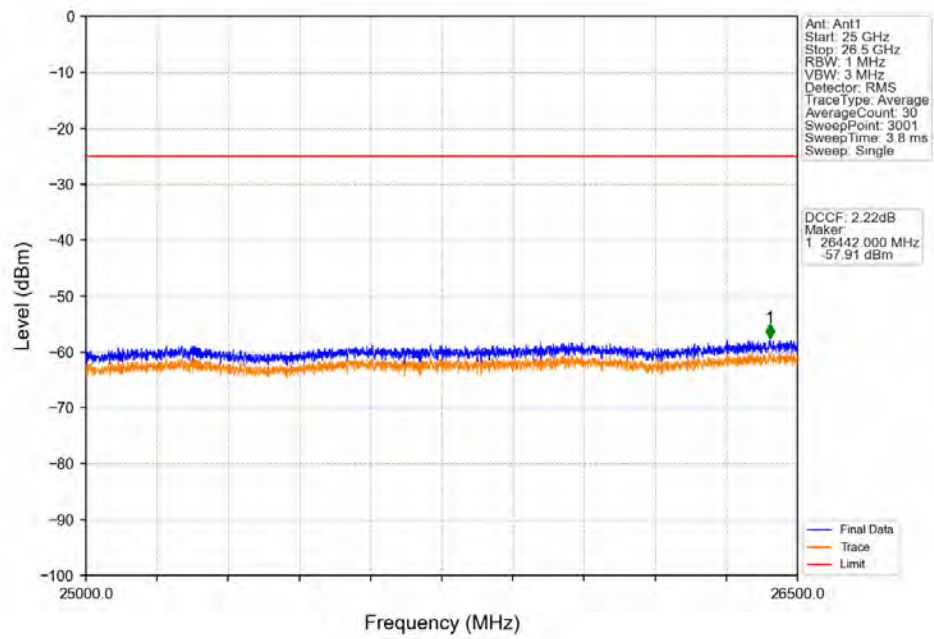
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



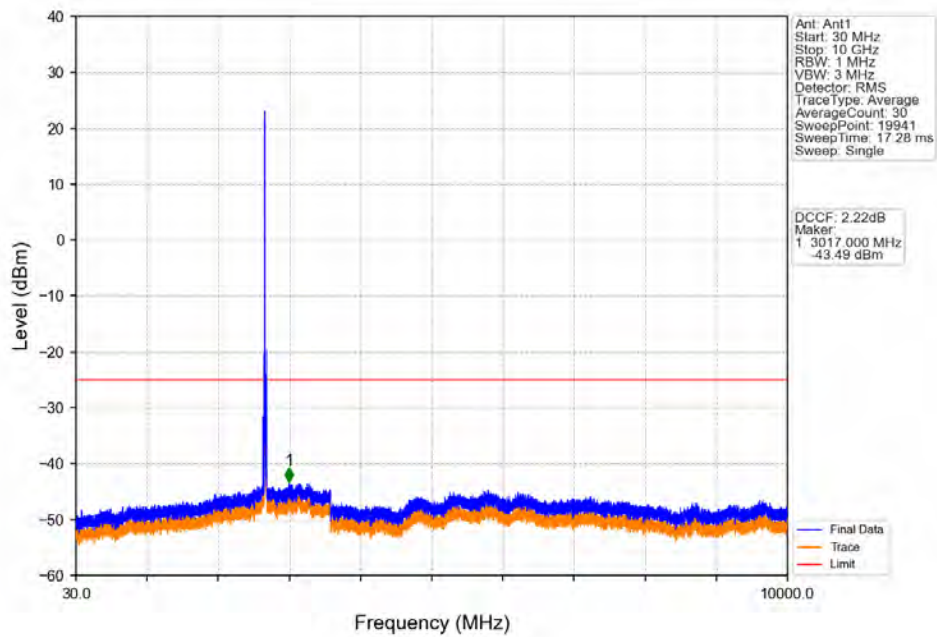
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



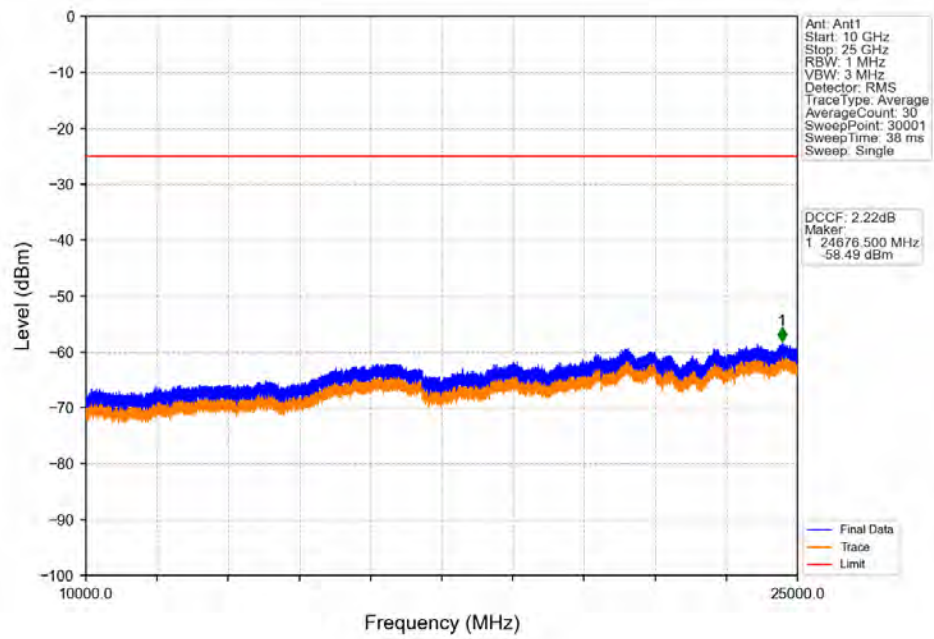
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



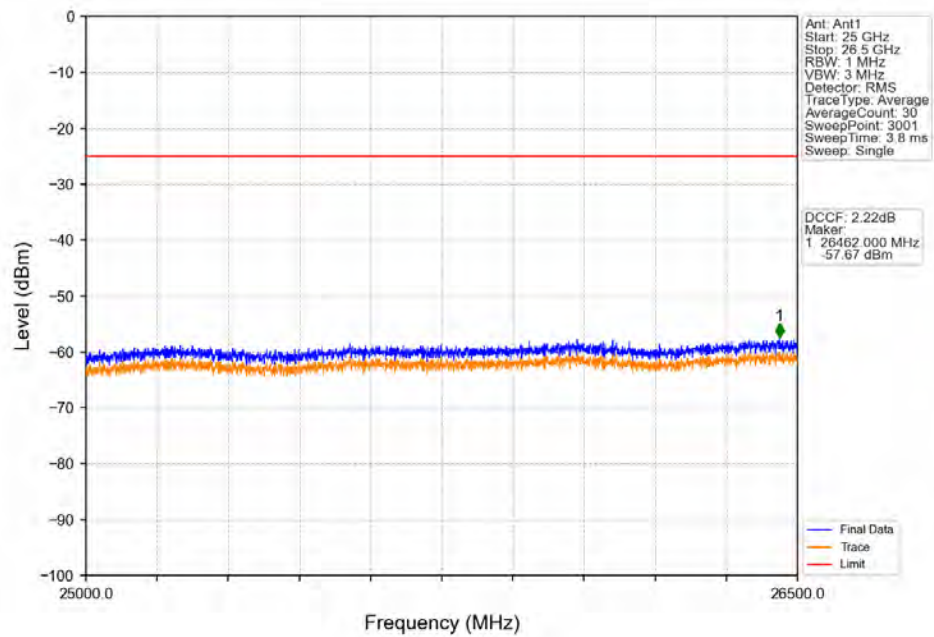
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV



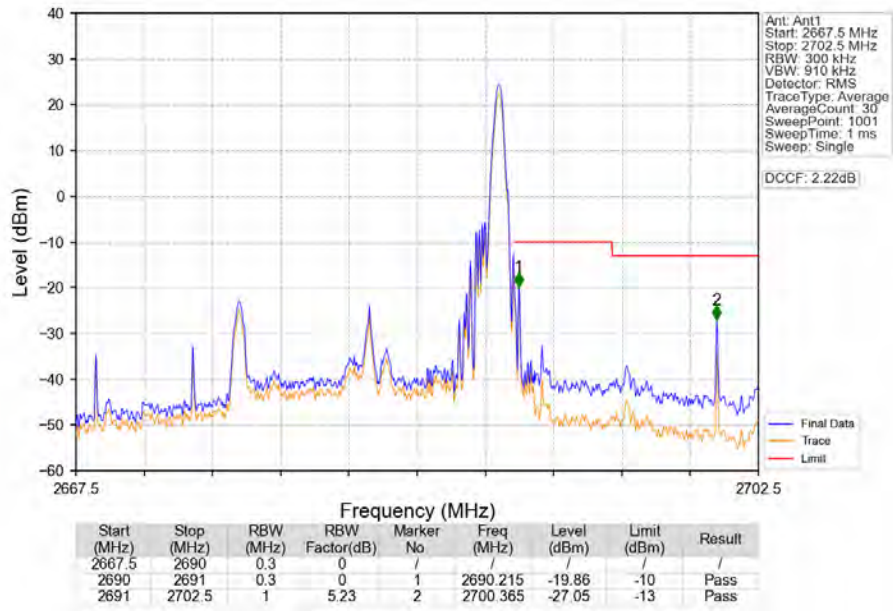
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV



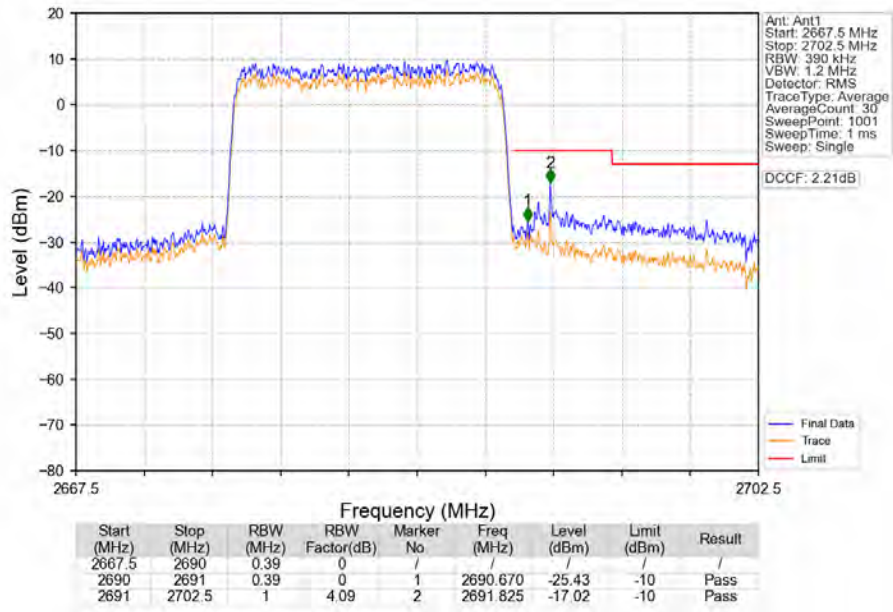
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_74_NTNV



Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV

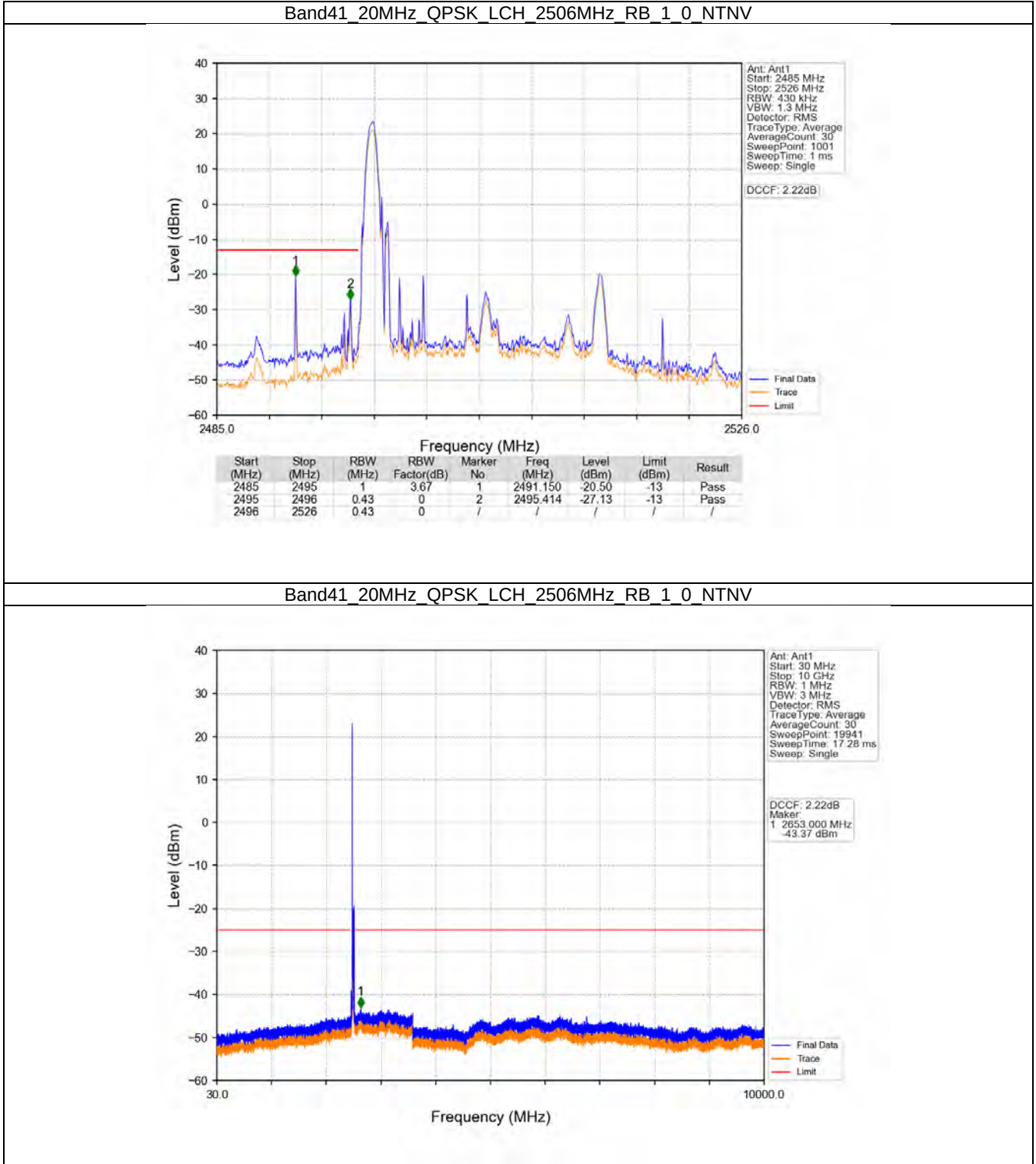


6.4 B41_20MHz

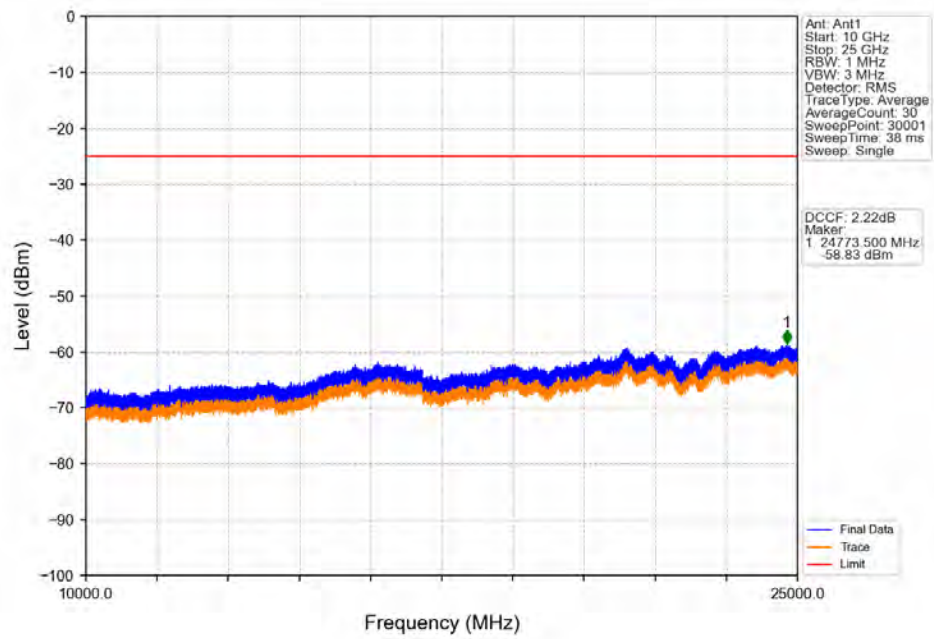
6.4.1 Test Result

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

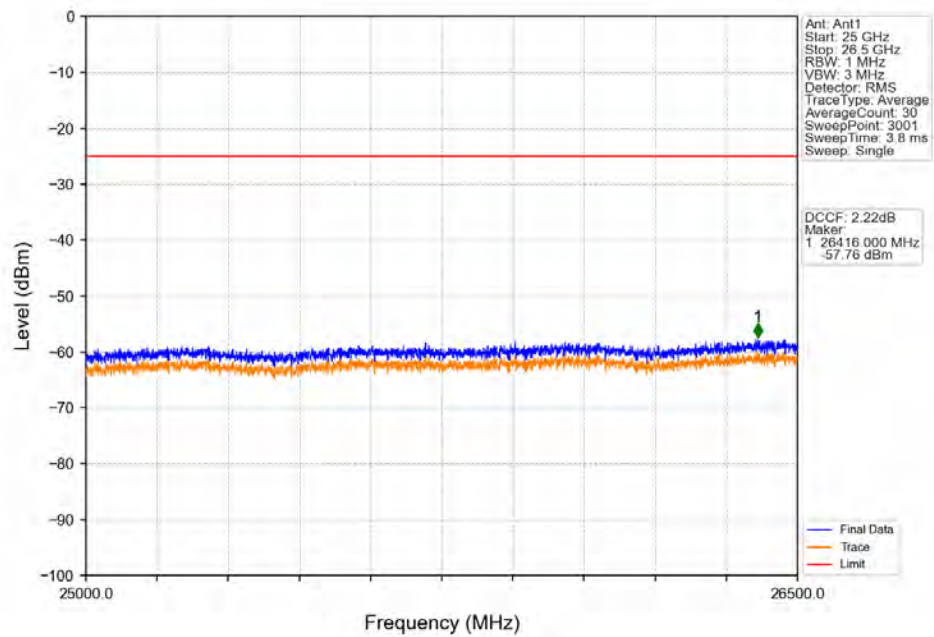
6.4.2 Test Graph



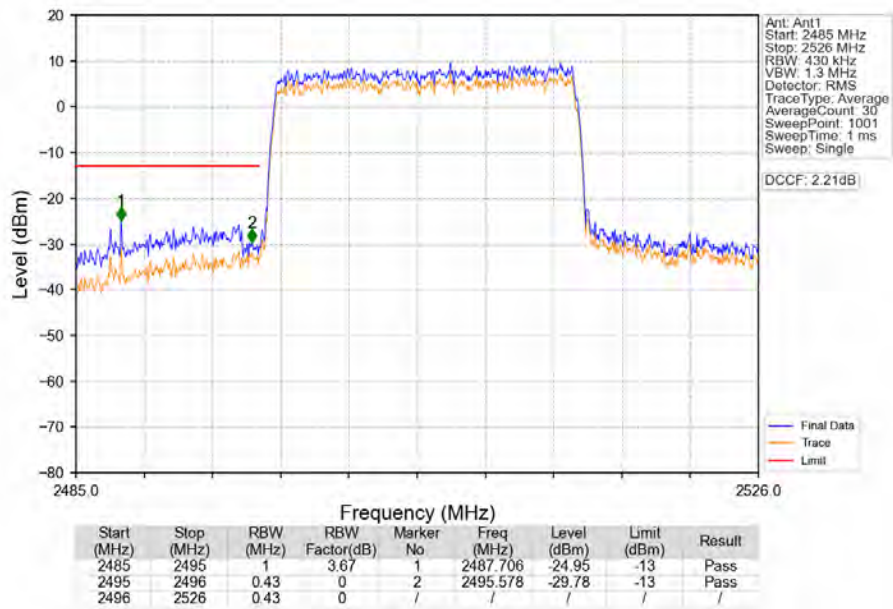
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



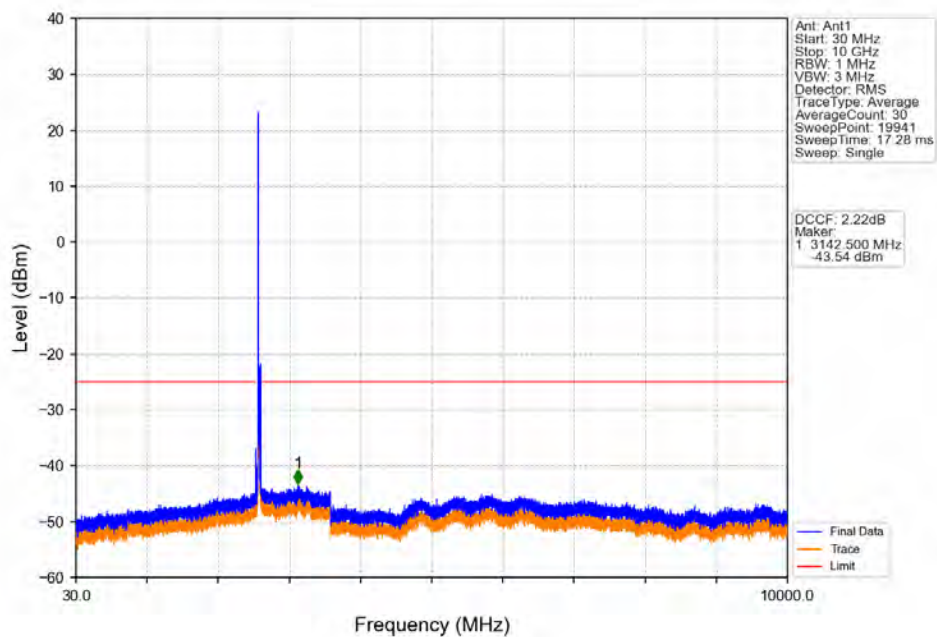
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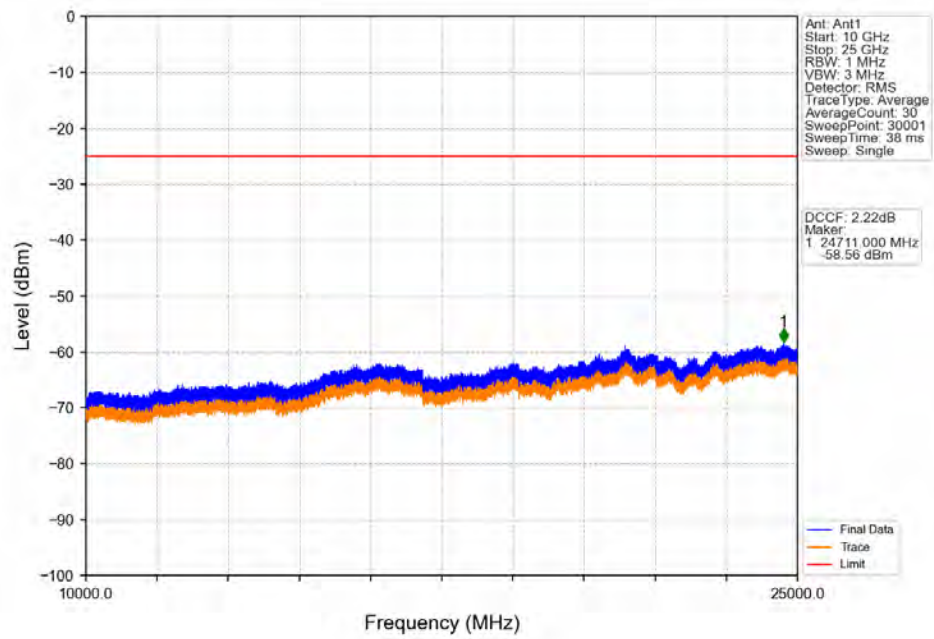
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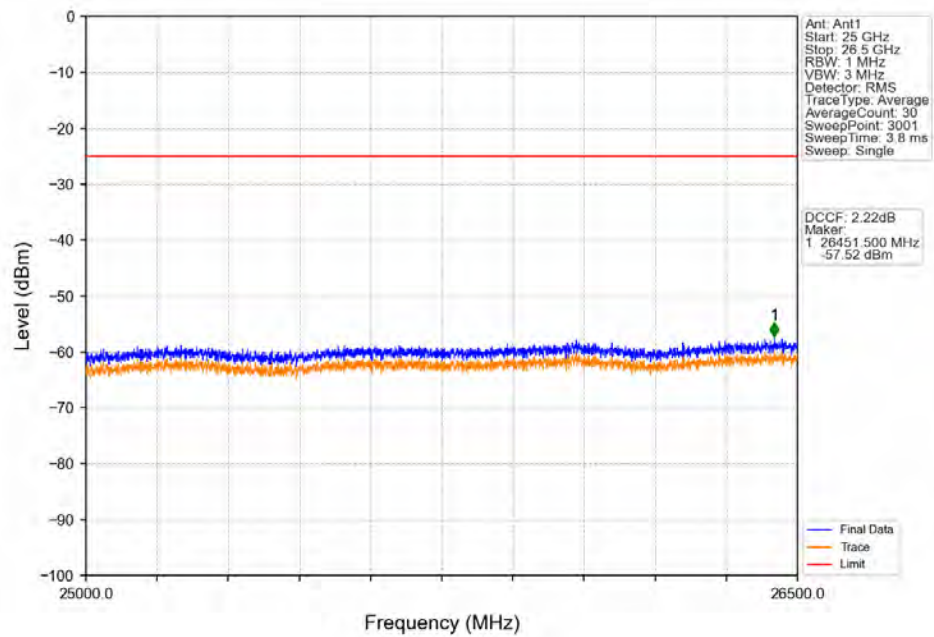
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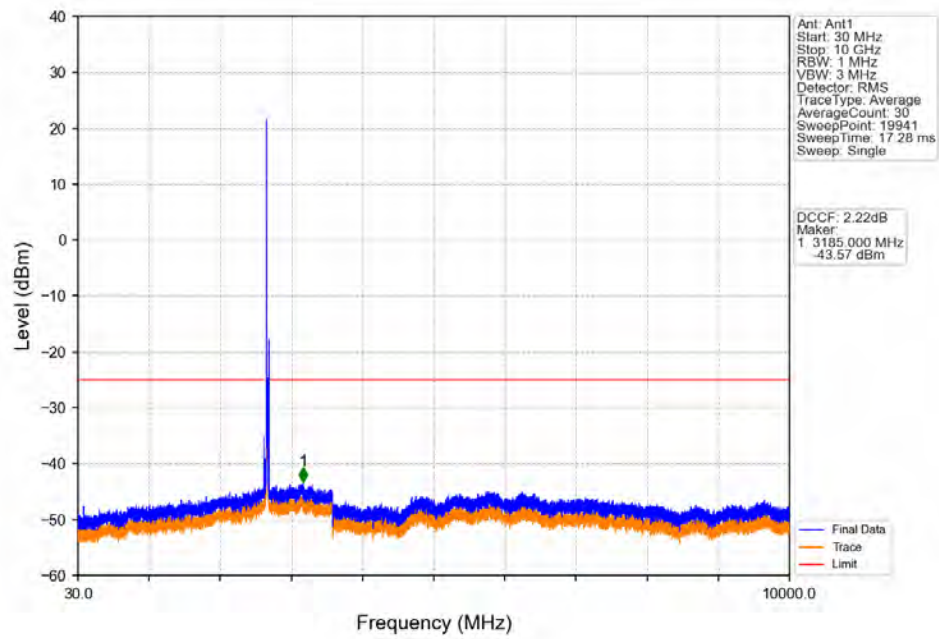
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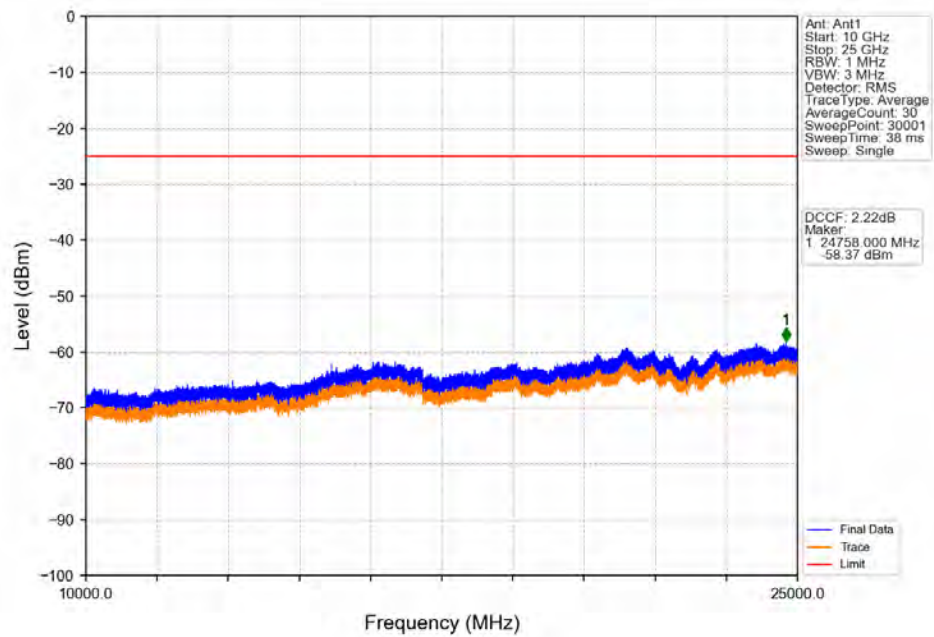
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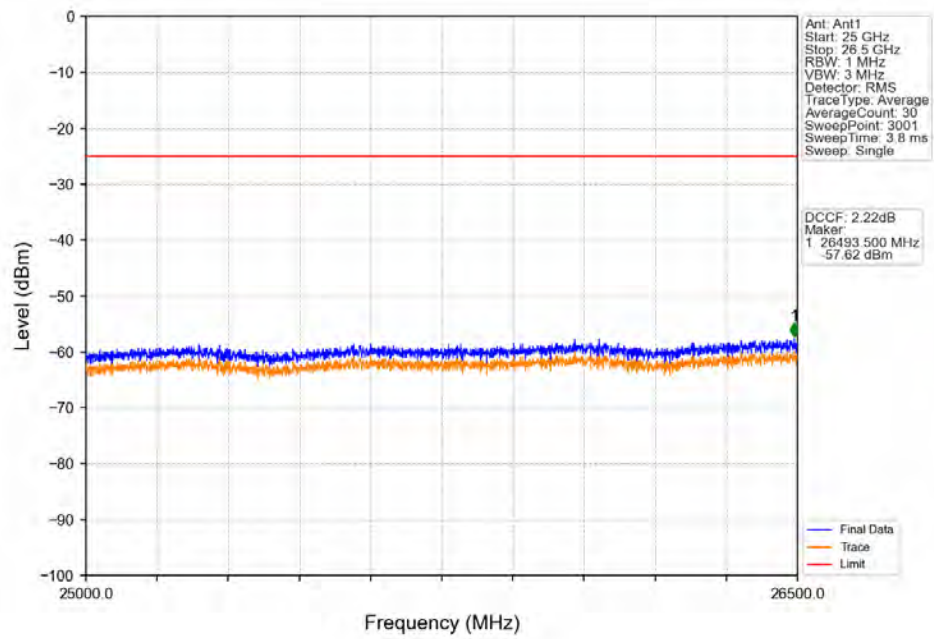
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



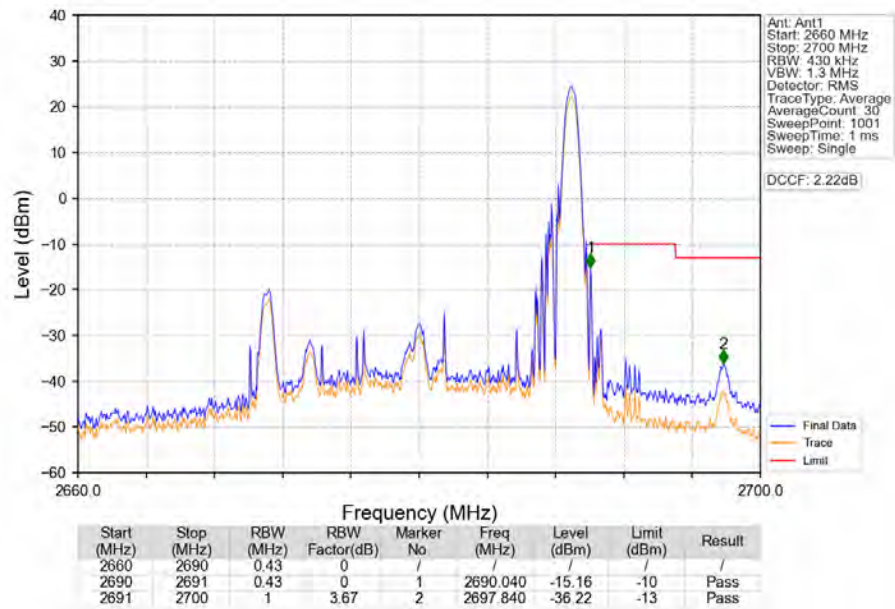
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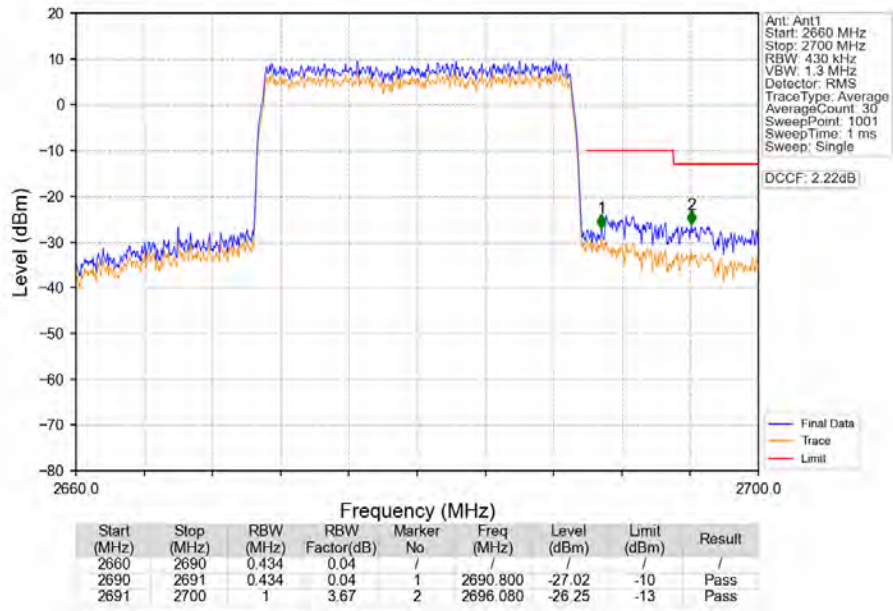
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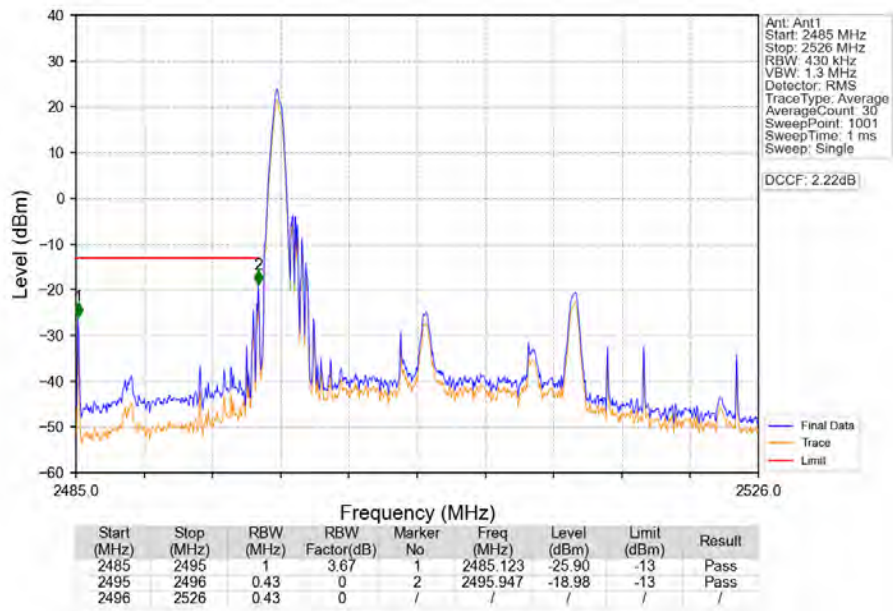
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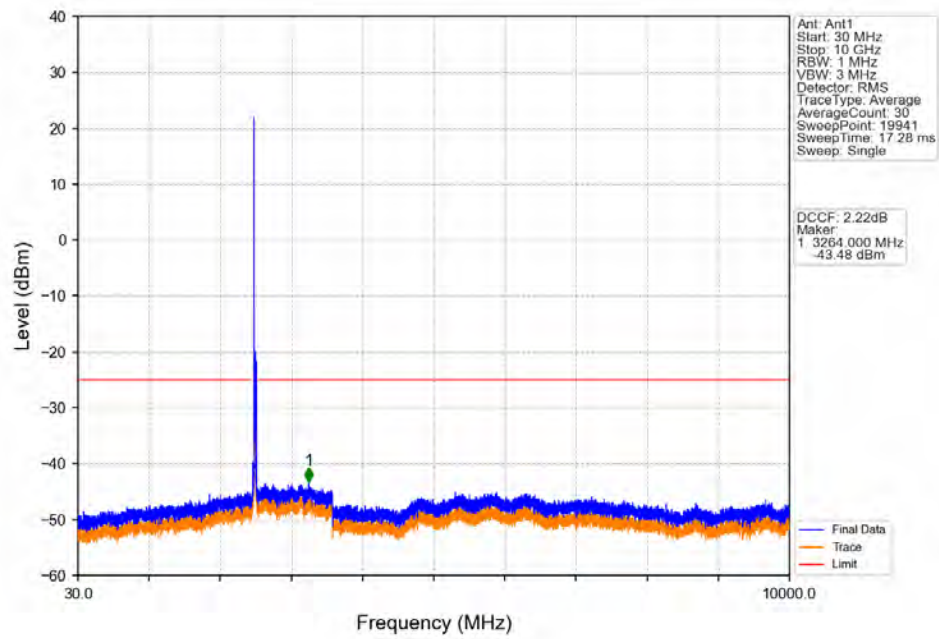
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



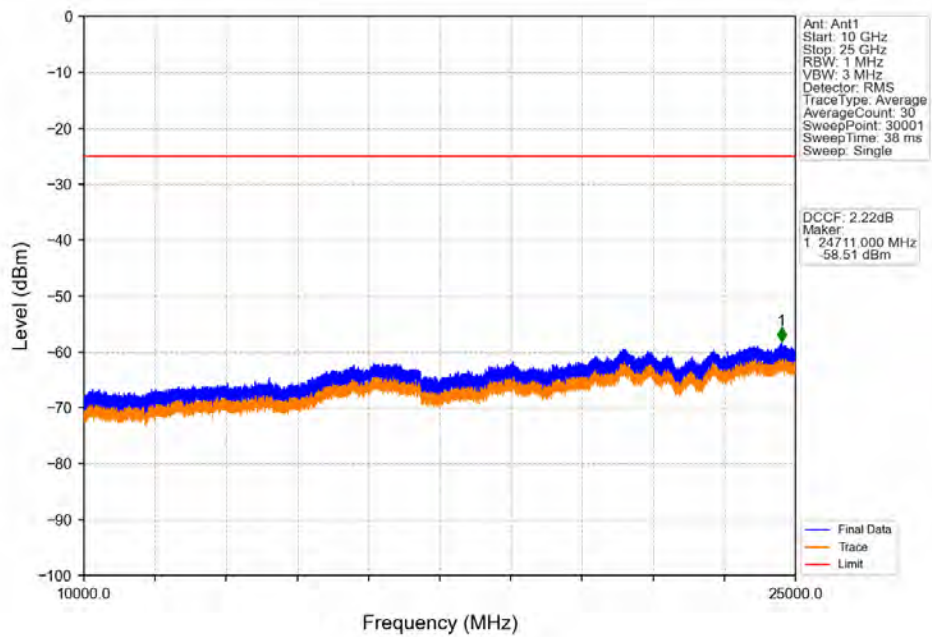
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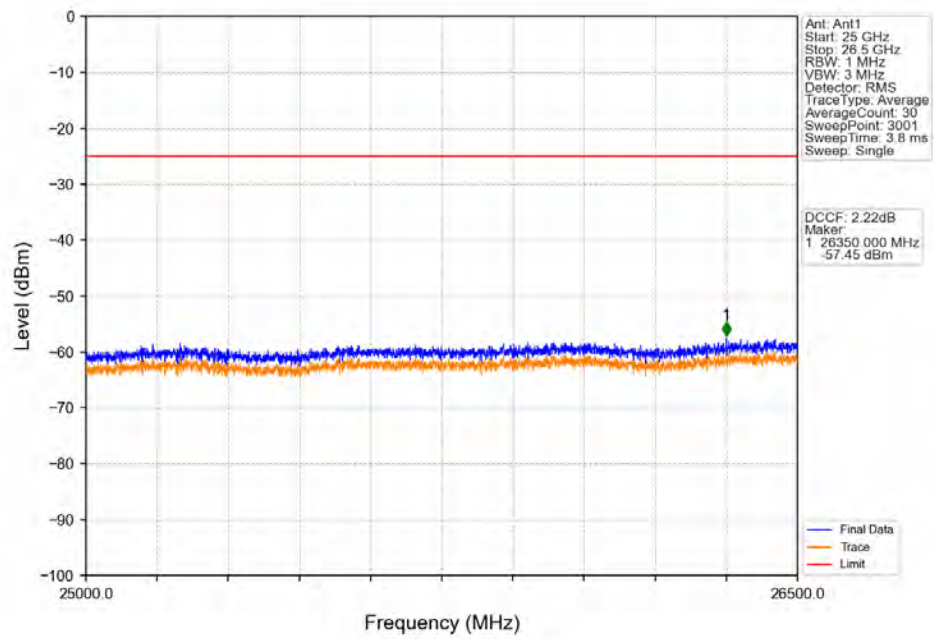
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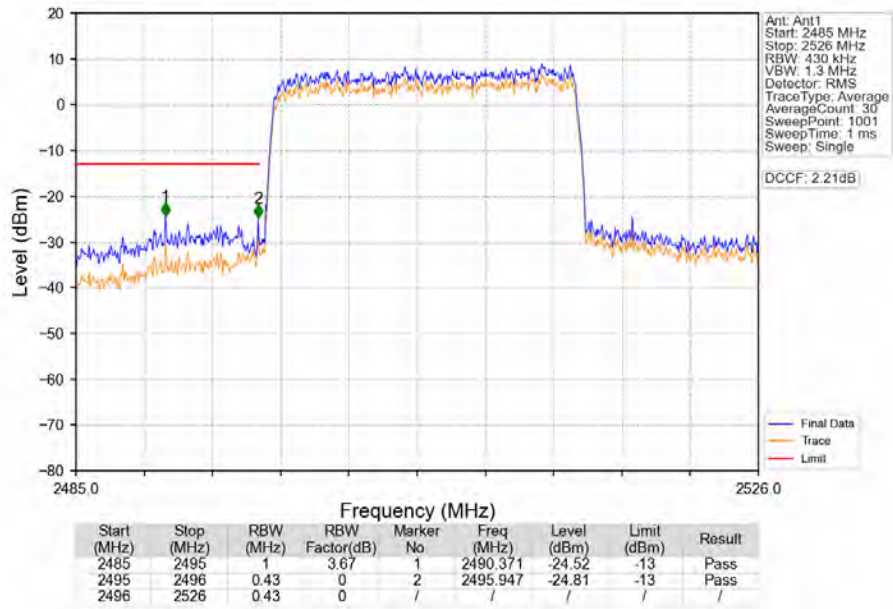
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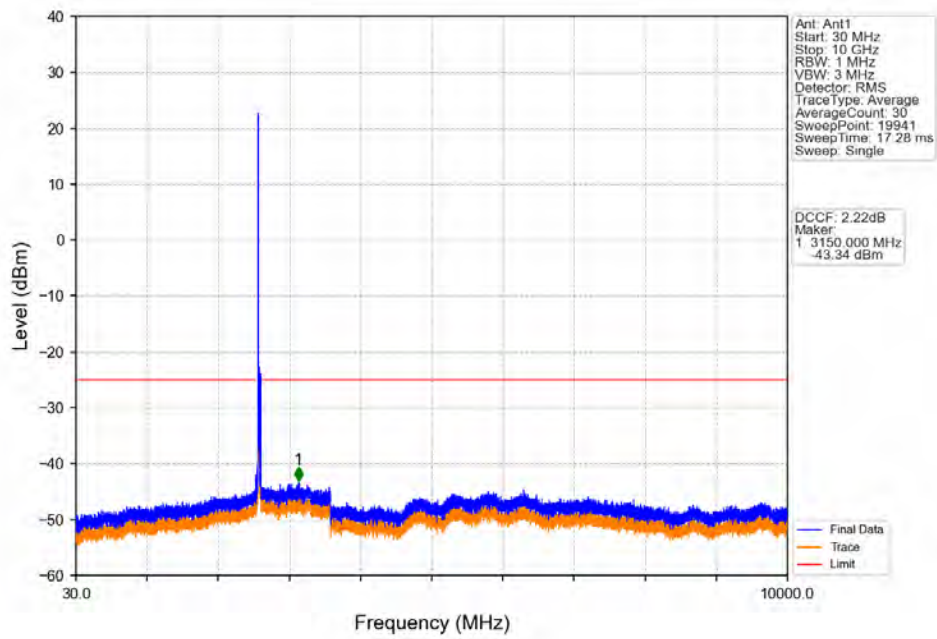
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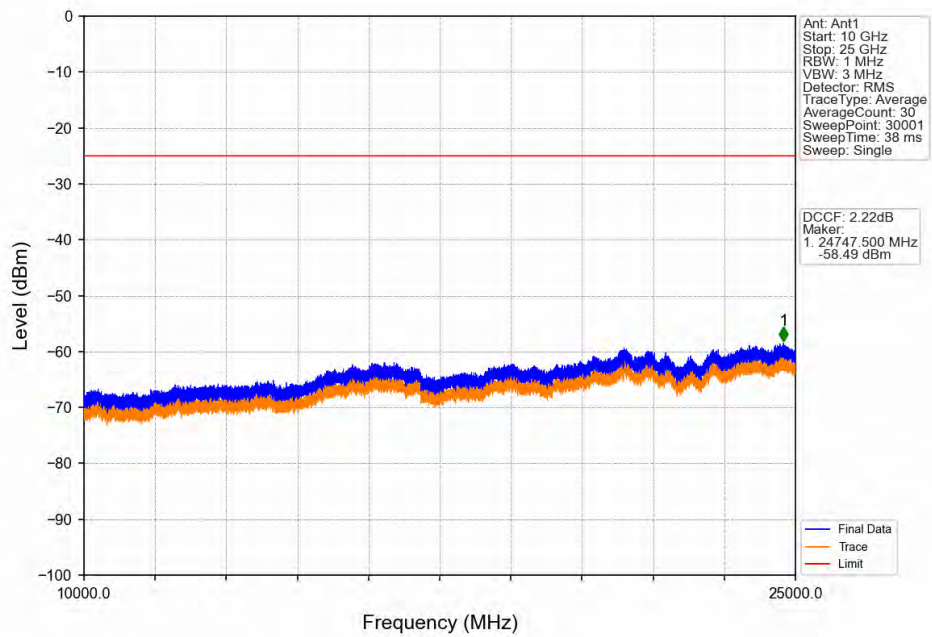
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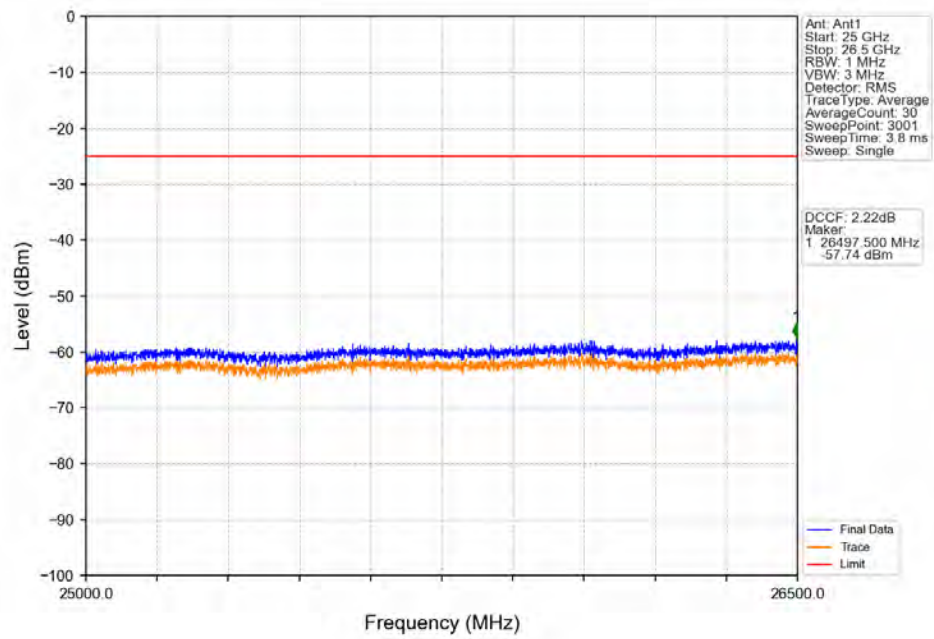
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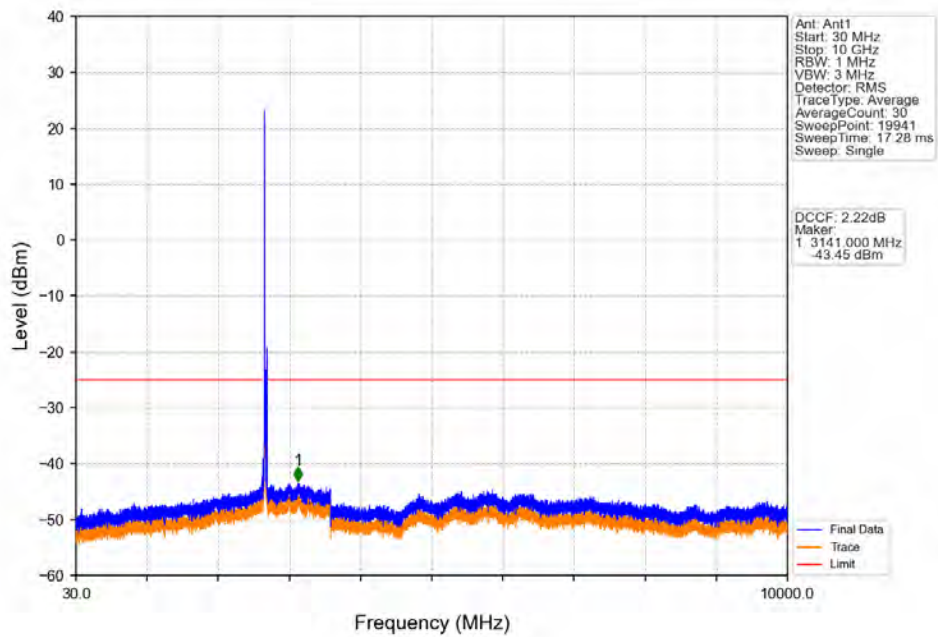
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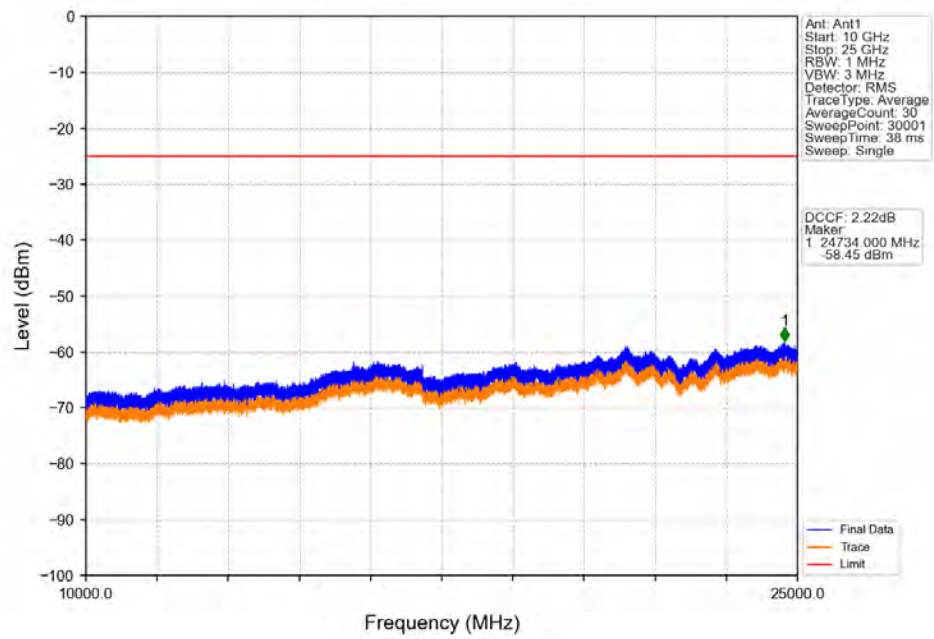
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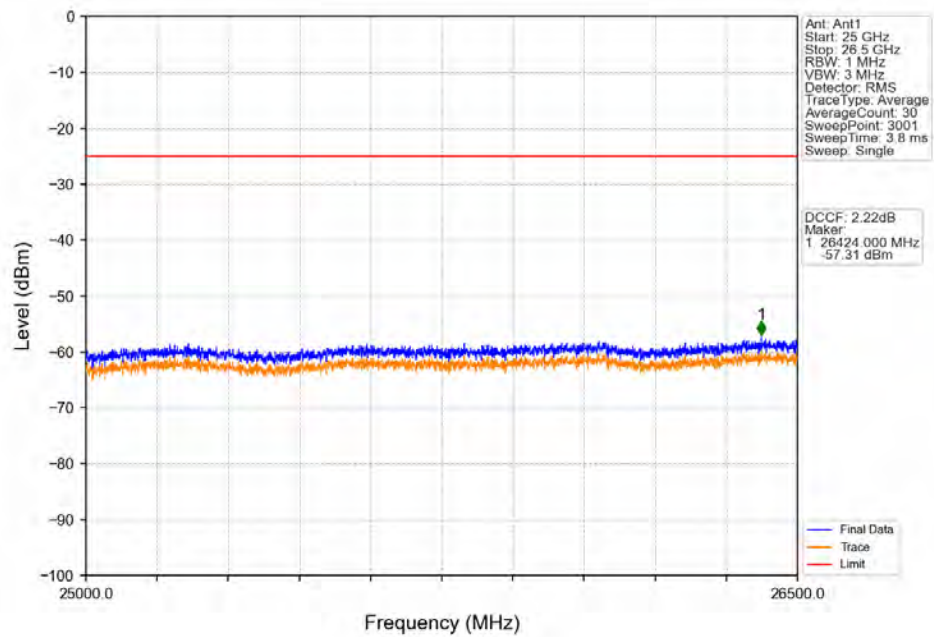
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



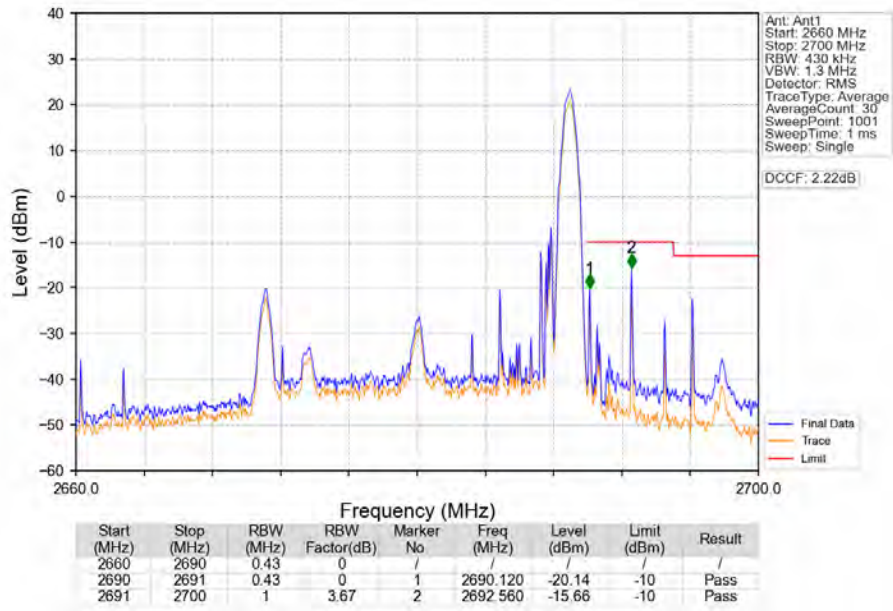
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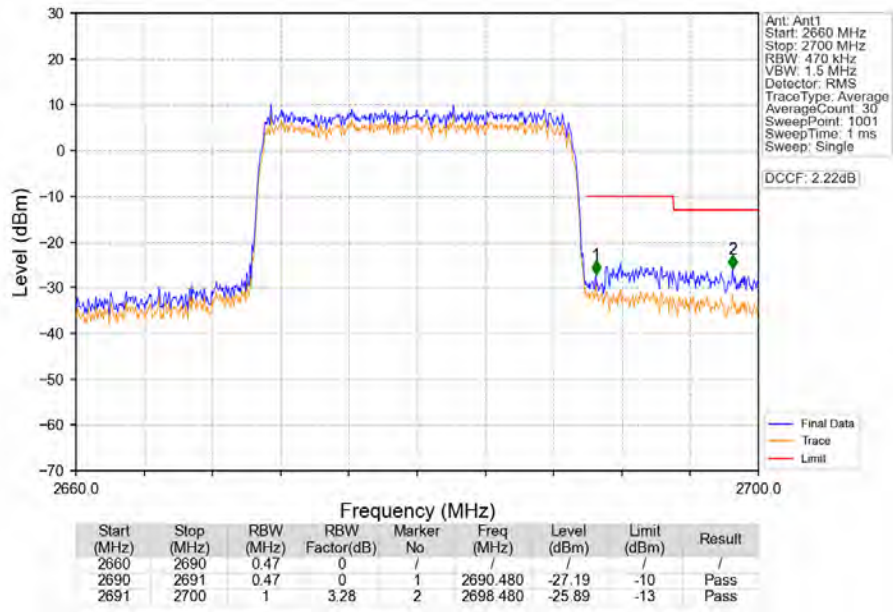
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_1_99_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



7. Form731

7.1 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	0.2805	0.1177	ppm	4M55G7D	27M	24.48
41	5	2498.5	2687.5	0.2323	0.0112	ppm	4M57W7D	27M	23.66
41	10	2501	2685	0.2891	0.0058	ppm	9M07G7D	27M	24.61
41	10	2501	2685	0.2339	0.0072	ppm	9M06W7D	27M	23.69
41	15	2503.5	2682.5	0.2844	0.0063	ppm	13M6G7D	27M	24.54
41	15	2503.5	2682.5	0.2203	0.0086	ppm	13M6W7D	27M	23.43
41	20	2506	2680	0.2951	0.0066	ppm	18M1G7D	27M	24.70
41	20	2506	2680	0.2307	0.0064	ppm	18M1W7D	27M	23.63

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	0.3342	0.1177	ppm	4M55G7D	27M	25.24
41	5	2498.5	2687.5	0.2767	0.0112	ppm	4M57W7D	27M	24.42
41	10	2501	2685	0.3443	0.0058	ppm	9M07G7D	27M	25.37
41	10	2501	2685	0.2786	0.0072	ppm	9M06W7D	27M	24.45
41	15	2503.5	2682.5	0.3388	0.0063	ppm	13M6G7D	27M	25.30
41	15	2503.5	2682.5	0.2624	0.0086	ppm	13M6W7D	27M	24.19
41	20	2506	2680	0.3516	0.0066	ppm	18M1G7D	27M	25.46
41	20	2506	2680	0.2748	0.0064	ppm	18M1W7D	27M	24.39