

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	24.95	0.00	24.95	<=33.01	Pass
			13	25.00	0.00	25.00	<=33.01	Pass
			24	24.99	0.00	24.99	<=33.01	Pass
		12	0	23.92	0.00	23.92	<=33.01	Pass
			6	23.92	0.00	23.92	<=33.01	Pass
			13	23.96	0.00	23.96	<=33.01	Pass
		25	0	23.88	0.00	23.88	<=33.01	Pass
	2593	1	0	24.68	0.00	24.68	<=33.01	Pass
			13	24.87	0.00	24.87	<=33.01	Pass
			24	24.67	0.00	24.67	<=33.01	Pass
		12	0	23.68	0.00	23.68	<=33.01	Pass
			6	23.67	0.00	23.67	<=33.01	Pass
			13	23.68	0.00	23.68	<=33.01	Pass
	25	0	23.77	0.00	23.77	<=33.01	Pass	
	2687.5	1	0	25.41	0.00	25.41	<=33.01	Pass
			13	25.39	0.00	25.39	<=33.01	Pass
			24	25.35	0.00	25.35	<=33.01	Pass
		12	0	15.06	0.00	15.06	<=33.01	Pass
			6	12.81	0.00	12.81	<=33.01	Pass
			13	11.45	0.00	11.45	<=33.01	Pass
		25	0	12.98	0.00	12.98	<=33.01	Pass
16QAM	2498.5	1	0	23.85	0.00	23.85	<=33.01	Pass
			13	24.01	0.00	24.01	<=33.01	Pass
			24	24.09	0.00	24.09	<=33.01	Pass
		12	0	22.80	0.00	22.80	<=33.01	Pass
			6	22.91	0.00	22.91	<=33.01	Pass
			13	22.85	0.00	22.85	<=33.01	Pass
		25	0	22.81	0.00	22.81	<=33.01	Pass
	2593	1	0	23.68	0.00	23.68	<=33.01	Pass
			13	23.69	0.00	23.69	<=33.01	Pass
			24	23.67	0.00	23.67	<=33.01	Pass
		12	0	22.63	0.00	22.63	<=33.01	Pass
			6	22.76	0.00	22.76	<=33.01	Pass
			13	22.64	0.00	22.64	<=33.01	Pass
	25	0	22.69	0.00	22.69	<=33.01	Pass	
	2687.5	1	0	22.16	0.00	22.16	<=33.01	Pass
			13	23.95	0.00	23.95	<=33.01	Pass
			24	24.00	0.00	24.00	<=33.01	Pass
		12	0	22.76	0.00	22.76	<=33.01	Pass
			6	22.88	0.00	22.88	<=33.01	Pass
			13	22.86	0.00	22.86	<=33.01	Pass
		25	0	22.78	0.00	22.78	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B41_10MHz_EIRP

1.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2501	1	0	25.05	0.00	25.05	<=33.01	Pass
			25	25.33	0.00	25.33	<=33.01	Pass
			49	25.11	0.00	25.11	<=33.01	Pass
		25	0	24.01	0.00	24.01	<=33.01	Pass
			13	24.13	0.00	24.13	<=33.01	Pass
			25	24.01	0.00	24.01	<=33.01	Pass
		50	0	23.71	0.00	23.71	<=33.01	Pass
	2593	1	0	24.76	0.00	24.76	<=33.01	Pass
			25	24.68	0.00	24.68	<=33.01	Pass
			49	24.31	0.00	24.31	<=33.01	Pass
		25	0	23.36	0.00	23.36	<=33.01	Pass
			13	23.41	0.00	23.41	<=33.01	Pass
			25	23.34	0.00	23.34	<=33.01	Pass
		50	0	23.39	0.00	23.39	<=33.01	Pass
	2685	1	0	24.92	0.00	24.92	<=33.01	Pass
			25	25.15	0.00	25.15	<=33.01	Pass
			49	25.31	0.00	25.31	<=33.01	Pass
		25	0	18.16	0.00	18.16	<=33.01	Pass
			13	23.86	0.00	23.86	<=33.01	Pass
			25	23.94	0.00	23.94	<=33.01	Pass
		50	0	23.75	0.00	23.75	<=33.01	Pass
16QAM	2501	1	0	23.54	0.00	23.54	<=33.01	Pass
			25	23.66	0.00	23.66	<=33.01	Pass
			49	23.26	0.00	23.26	<=33.01	Pass
		25	0	22.45	0.00	22.45	<=33.01	Pass
			13	22.48	0.00	22.48	<=33.01	Pass
			25	22.45	0.00	22.45	<=33.01	Pass
		50	0	22.44	0.00	22.44	<=33.01	Pass
	2593	1	0	22.98	0.00	22.98	<=33.01	Pass
			25	23.49	0.00	23.49	<=33.01	Pass
			49	23.10	0.00	23.10	<=33.01	Pass
		25	0	22.43	0.00	22.43	<=33.01	Pass
			13	22.62	0.00	22.62	<=33.01	Pass
			25	22.60	0.00	22.60	<=33.01	Pass
		50	0	22.67	0.00	22.67	<=33.01	Pass
	2685	1	0	23.44	0.00	23.44	<=33.01	Pass
			25	23.96	0.00	23.96	<=33.01	Pass
			49	23.86	0.00	23.86	<=33.01	Pass
		25	0	22.64	0.00	22.64	<=33.01	Pass
			13	22.76	0.00	22.76	<=33.01	Pass
			25	22.86	0.00	22.86	<=33.01	Pass
		50	0	22.75	0.00	22.75	<=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	25.00	0.00	25.00	<=33.01	Pass
			38	25.13	0.00	25.13	<=33.01	Pass
			74	25.06	0.00	25.06	<=33.01	Pass
		36	0	24.05	0.00	24.05	<=33.01	Pass
			18	23.85	0.00	23.85	<=33.01	Pass
			39	23.58	0.00	23.58	<=33.01	Pass
		75	0	23.54	0.00	23.54	<=33.01	Pass
	2593	1	0	24.17	0.00	24.17	<=33.01	Pass
			38	24.36	0.00	24.36	<=33.01	Pass
			74	24.06	0.00	24.06	<=33.01	Pass
		36	0	23.32	0.00	23.32	<=33.01	Pass
			18	23.32	0.00	23.32	<=33.01	Pass
			39	23.29	0.00	23.29	<=33.01	Pass
		75	0	23.32	0.00	23.32	<=33.01	Pass
	2682.5	1	0	24.22	0.00	24.22	<=33.01	Pass
			38	24.77	0.00	24.77	<=33.01	Pass
			74	25.02	0.00	25.02	<=33.01	Pass
		36	0	22.78	0.00	22.78	<=33.01	Pass
			18	23.69	0.00	23.69	<=33.01	Pass
			39	23.95	0.00	23.95	<=33.01	Pass
		75	0	23.73	0.00	23.73	<=33.01	Pass
16QAM	2503.5	1	0	23.50	0.00	23.50	<=33.01	Pass
			38	23.83	0.00	23.83	<=33.01	Pass
			74	23.24	0.00	23.24	<=33.01	Pass
		36	0	22.42	0.00	22.42	<=33.01	Pass
			18	22.50	0.00	22.50	<=33.01	Pass
			39	22.45	0.00	22.45	<=33.01	Pass
		75	0	22.44	0.00	22.44	<=33.01	Pass
	2593	1	0	23.01	0.00	23.01	<=33.01	Pass
			38	23.10	0.00	23.10	<=33.01	Pass
			74	22.80	0.00	22.80	<=33.01	Pass
		36	0	22.23	0.00	22.23	<=33.01	Pass
			18	22.32	0.00	22.32	<=33.01	Pass
			39	22.34	0.00	22.34	<=33.01	Pass
		75	0	22.42	0.00	22.42	<=33.01	Pass
	2682.5	1	0	23.06	0.00	23.06	<=33.01	Pass
			38	23.40	0.00	23.40	<=33.01	Pass
			74	23.63	0.00	23.63	<=33.01	Pass
		36	0	22.42	0.00	22.42	<=33.01	Pass
			18	22.61	0.00	22.61	<=33.01	Pass
			39	22.81	0.00	22.81	<=33.01	Pass
		75	0	22.64	0.00	22.64	<=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	24.69	0.00	24.69	<=33.01	Pass
			50	25.18	0.00	25.18	<=33.01	Pass

		50	99	24.75	0.00	24.75	<=33.01	Pass	
			0	23.85	0.00	23.85	<=33.01	Pass	
			25	23.60	0.00	23.60	<=33.01	Pass	
			50	23.53	0.00	23.53	<=33.01	Pass	
		100	0	23.48	0.00	23.48	<=33.01	Pass	
	2593	1	0	24.07	0.00	24.07	<=33.01	Pass	
			50	24.32	0.00	24.32	<=33.01	Pass	
			99	23.85	0.00	23.85	<=33.01	Pass	
		50	0	23.29	0.00	23.29	<=33.01	Pass	
			25	23.25	0.00	23.25	<=33.01	Pass	
			50	23.15	0.00	23.15	<=33.01	Pass	
		100	0	23.23	0.00	23.23	<=33.01	Pass	
		2680	1	0	23.81	0.00	23.81	<=33.01	Pass
				50	24.78	0.00	24.78	<=33.01	Pass
	99			24.97	0.00	24.97	<=33.01	Pass	
	50		0	23.29	0.00	23.29	<=33.01	Pass	
			25	23.46	0.00	23.46	<=33.01	Pass	
			50	23.68	0.00	23.68	<=33.01	Pass	
	100		0	23.44	0.00	23.44	<=33.01	Pass	
	16QAM	2506	1	0	23.04	0.00	23.04	<=33.01	Pass
				50	23.15	0.00	23.15	<=33.01	Pass
				99	23.30	0.00	23.30	<=33.01	Pass
			50	0	22.29	0.00	22.29	<=33.01	Pass
				25	22.44	0.00	22.44	<=33.01	Pass
50				22.47	0.00	22.47	<=33.01	Pass	
100			0	22.35	0.00	22.35	<=33.01	Pass	
2593		1	0	22.66	0.00	22.66	<=33.01	Pass	
			50	23.51	0.00	23.51	<=33.01	Pass	
			99	22.55	0.00	22.55	<=33.01	Pass	
		50	0	22.19	0.00	22.19	<=33.01	Pass	
			25	22.22	0.00	22.22	<=33.01	Pass	
			50	22.14	0.00	22.14	<=33.01	Pass	
		100	0	22.26	0.00	22.26	<=33.01	Pass	
2680		1	0	23.03	0.00	23.03	<=33.01	Pass	
			50	23.45	0.00	23.45	<=33.01	Pass	
			99	23.91	0.00	23.91	<=33.01	Pass	
		50	0	22.27	0.00	22.27	<=33.01	Pass	
			25	22.38	0.00	22.38	<=33.01	Pass	
			50	22.63	0.00	22.63	<=33.01	Pass	
		100	0	22.41	0.00	22.41	<=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	-13.361	-0.0053	-2.5 to 2.5	Pass
					3.85	-38.195	-0.0153	-2.5 to 2.5	Pass
					4.43	-48.909	-0.0196	-2.5 to 2.5	Pass

16QAM				-30	3.85	-45.805	-0.0183	-2.5 to 2.5	Pass
				-20	3.85	-44.603	-0.0179	-2.5 to 2.5	Pass
				-10	3.85	-38.652	-0.0155	-2.5 to 2.5	Pass
				0	3.85	-35.033	-0.0140	-2.5 to 2.5	Pass
				10	3.85	-28.496	-0.0114	-2.5 to 2.5	Pass
				30	3.85	-28.038	-0.0112	-2.5 to 2.5	Pass
				40	3.85	-33.674	-0.0135	-2.5 to 2.5	Pass
				50	3.85	-22.888	-0.0092	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	17.595	0.0068	-2.5 to 2.5	Pass
					3.85	10.529	0.0041	-2.5 to 2.5	Pass
					4.43	2.117	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-9.542	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				-10	3.85	1.717	0.0007	-2.5 to 2.5	Pass
				0	3.85	-9.756	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-7.253	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-14.849	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-6.924	-0.0027	-2.5 to 2.5	Pass
				50	3.85	16.479	0.0064	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	7.997	0.0030	-2.5 to 2.5	Pass
					3.85	-17.252	-0.0064	-2.5 to 2.5	Pass
					4.43	-29.697	-0.0111	-2.5 to 2.5	Pass
				-30	3.85	-34.904	-0.0130	-2.5 to 2.5	Pass
				-20	3.85	-37.107	-0.0138	-2.5 to 2.5	Pass
				-10	3.85	-40.712	-0.0151	-2.5 to 2.5	Pass
				0	3.85	-41.327	-0.0154	-2.5 to 2.5	Pass
				10	3.85	-63.229	-0.0235	-2.5 to 2.5	Pass
				30	3.85	-62.170	-0.0231	-2.5 to 2.5	Pass
				40	3.85	-72.241	-0.0269	-2.5 to 2.5	Pass
				50	3.85	-18.368	-0.0068	-2.5 to 2.5	Pass
	2498.5	25	0	20	3.27	-23.403	-0.0094	-2.5 to 2.5	Pass
					3.85	-12.946	-0.0052	-2.5 to 2.5	Pass
					4.43	-37.966	-0.0152	-2.5 to 2.5	Pass
				-30	3.85	-13.547	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-33.059	-0.0132	-2.5 to 2.5	Pass
				-10	3.85	-38.395	-0.0154	-2.5 to 2.5	Pass
				0	3.85	-19.884	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-35.777	-0.0143	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	7.453	0.0029	-2.5 to 2.5	Pass
					3.85	5.236	0.0020	-2.5 to 2.5	Pass
					4.43	9.799	0.0038	-2.5 to 2.5	Pass
				-30	3.85	7.854	0.0030	-2.5 to 2.5	Pass
				-20	3.85	-6.552	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	17.409	0.0067	-2.5 to 2.5	Pass
				0	3.85	-3.161	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	-7.253	-0.0027	-2.5 to 2.5	Pass
					3.85	-5.078	-0.0019	-2.5 to 2.5	Pass
					4.43	2.418	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.718	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.601	-0.0002	-2.5 to 2.5	Pass
				20	3.27	7.997	0.0030	-2.5 to 2.5	Pass
					3.85	-17.252	-0.0064	-2.5 to 2.5	Pass
					4.43	-29.697	-0.0111	-2.5 to 2.5	Pass

				-10	3.85	-4.191	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.060	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-18.153	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-11.644	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-5.822	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-5.708	-0.0021	-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	-9.928	-0.0040	-2.5 to 2.5	Pass
					3.85	-6.366	-0.0025	-2.5 to 2.5	Pass
					4.43	-5.908	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-7.896	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-10.257	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	1.388	0.0006	-2.5 to 2.5	Pass
				0	3.85	-12.674	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-5.493	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-4.978	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-9.484	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-1.974	-0.0008	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	-5.794	-0.0022	-2.5 to 2.5	Pass
					3.85	-8.683	-0.0033	-2.5 to 2.5	Pass
					4.43	-3.662	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.373	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-5.078	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				0	3.85	-16.308	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-7.710	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-8.512	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-18.711	-0.0072	-2.5 to 2.5	Pass
				50	3.85	-4.807	-0.0019	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	-10.915	-0.0041	-2.5 to 2.5	Pass
					3.85	-13.547	-0.0050	-2.5 to 2.5	Pass
					4.43	-14.148	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-8.225	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-8.354	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-11.301	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-8.583	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-14.377	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-5.965	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-9.971	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-8.497	-0.0032	-2.5 to 2.5	Pass
16QAM	2501	50	0	20	3.27	0.229	0.0001	-2.5 to 2.5	Pass
					3.85	-5.136	-0.0021	-2.5 to 2.5	Pass
					4.43	-7.725	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-6.866	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-14.076	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-11.101	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-3.047	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-12.445	-0.0050	-2.5 to 2.5	Pass

	2593	50	0	30	3.85	-1.960	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-6.738	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-18.153	-0.0073	-2.5 to 2.5	Pass
				20	3.27	-5.121	-0.0020	-2.5 to 2.5	Pass
					3.85	-10.929	-0.0042	-2.5 to 2.5	Pass
					4.43	-9.685	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-11.187	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	7.753	0.0030	-2.5 to 2.5	Pass
				-10	3.85	-2.446	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-8.597	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-10.242	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-9.699	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-4.549	-0.0018	-2.5 to 2.5	Pass
				50	3.85	3.204	0.0012	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	-7.453	-0.0028	-2.5 to 2.5	Pass
					3.85	-5.851	-0.0022	-2.5 to 2.5	Pass
					4.43	-1.016	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-6.652	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	8.140	0.0030	-2.5 to 2.5	Pass
				-10	3.85	-12.889	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-1.488	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-11.930	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-6.237	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-17.424	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-4.892	-0.0018	-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	-11.330	-0.0045	-2.5 to 2.5	Pass
					3.85	-11.301	-0.0045	-2.5 to 2.5	Pass
					4.43	-5.007	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-9.184	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-6.452	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-10.486	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-8.841	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-12.159	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-9.956	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-5.093	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-10.686	-0.0043	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	-8.340	-0.0032	-2.5 to 2.5	Pass
					3.85	-6.709	-0.0026	-2.5 to 2.5	Pass
					4.43	-1.059	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-5.264	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-9.770	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-5.050	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-4.535	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-15.621	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-6.351	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-11.058	-0.0043	-2.5 to 2.5	Pass
				50	3.85	4.005	0.0015	-2.5 to 2.5	Pass

	2682.5	75	0	20	3.27	-11.430	-0.0043	-2.5 to 2.5	Pass
					3.85	-6.022	-0.0022	-2.5 to 2.5	Pass
					4.43	-4.678	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-7.825	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-8.926	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-21.915	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-9.856	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-11.287	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-1.974	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-17.538	-0.0065	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	20	3.27	-9.756	-0.0039	-2.5 to 2.5	Pass
					3.85	-9.542	-0.0038	-2.5 to 2.5	Pass
					4.43	-13.890	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-13.332	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-2.618	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-13.647	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-5.307	-0.0021	-2.5 to 2.5	Pass
				10	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				30	3.85	-7.381	-0.0029	-2.5 to 2.5	Pass
				40	3.85	3.276	0.0013	-2.5 to 2.5	Pass
				50	3.85	-3.676	-0.0015	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	0.014	0.0000	-2.5 to 2.5	Pass
					3.85	-12.088	-0.0047	-2.5 to 2.5	Pass
					4.43	-5.393	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-16.508	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-6.938	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-9.356	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-11.687	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-10.271	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-2.089	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-11.630	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-8.497	-0.0033	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	-0.243	-0.0001	-2.5 to 2.5	Pass
					3.85	-9.398	-0.0035	-2.5 to 2.5	Pass
					4.43	-0.172	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-11.129	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-9.799	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-7.739	-0.0029	-2.5 to 2.5	Pass
				0	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				10	3.85	-8.354	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-2.947	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-13.876	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-5.608	-0.0021	-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	-11.516	-0.0046	-2.5 to 2.5	Pass
					3.85	-16.837	-0.0067	-2.5 to 2.5	Pass
					4.43	-14.291	-0.0057	-2.5 to 2.5	Pass

				-30	3.85	-0.787	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-10.471	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-9.184	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-6.909	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-4.492	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-11.916	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-10.300	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-12.918	-0.0052	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	-15.149	-0.0058	-2.5 to 2.5	Pass
					3.85	0.944	0.0004	-2.5 to 2.5	Pass
					4.43	-0.486	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-6.638	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-5.093	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-14.977	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-9.971	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-9.270	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-5.407	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-2.518	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-16.651	-0.0064	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	-1.116	-0.0004	-2.5 to 2.5	Pass
					3.85	-6.609	-0.0025	-2.5 to 2.5	Pass
					4.43	-20.127	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-11.745	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-13.003	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-18.096	-0.0068	-2.5 to 2.5	Pass
				0	3.85	-15.306	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-8.125	-0.0030	-2.5 to 2.5	Pass
16QAM	2506	100	0	20	3.27	-7.510	-0.0030	-2.5 to 2.5	Pass
					3.85	-9.370	-0.0037	-2.5 to 2.5	Pass
					4.43	-10.271	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-12.474	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-12.417	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-12.317	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-2.117	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-12.059	-0.0048	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	-3.304	-0.0013	-2.5 to 2.5	Pass
					3.85	-12.388	-0.0048	-2.5 to 2.5	Pass
					4.43	-10.743	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-11.945	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-13.990	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-6.909	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-4.706	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.362	-0.0013	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	5.536	0.0021	-2.5 to 2.5	Pass
					3.85	-4.320	-0.0016	-2.5 to 2.5	Pass
					4.43	-11.458	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-3.204	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-17.066	-0.0064	-2.5 to 2.5	Pass
				20	3.27	-7.510	-0.0030	-2.5 to 2.5	Pass
					3.85	-9.370	-0.0037	-2.5 to 2.5	Pass
					4.43	-10.271	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-12.474	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-12.417	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-12.317	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-2.117	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-12.059	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-8.755	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-10.257	-0.0041	-2.5 to 2.5	Pass
				50	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				20	3.27	-3.304	-0.0013	-2.5 to 2.5	Pass
					3.85	-12.388	-0.0048	-2.5 to 2.5	Pass
					4.43	-10.743	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-11.945	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-13.990	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-6.909	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-4.706	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.362	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-7.496	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-10.228	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-9.398	-0.0036	-2.5 to 2.5	Pass
				20	3.27	5.536	0.0021	-2.5 to 2.5	Pass
					3.85	-4.320	-0.0016	-2.5 to 2.5	Pass
					4.43	-11.458	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-3.204	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-17.066	-0.0064	-2.5 to 2.5	Pass

				-10	3.85	-12.674	-0.0047	-2.5 to 2.5	Pass
				0	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				10	3.85	-12.174	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-1.888	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-4.478	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-6.509	-0.0024	-2.5 to 2.5	Pass

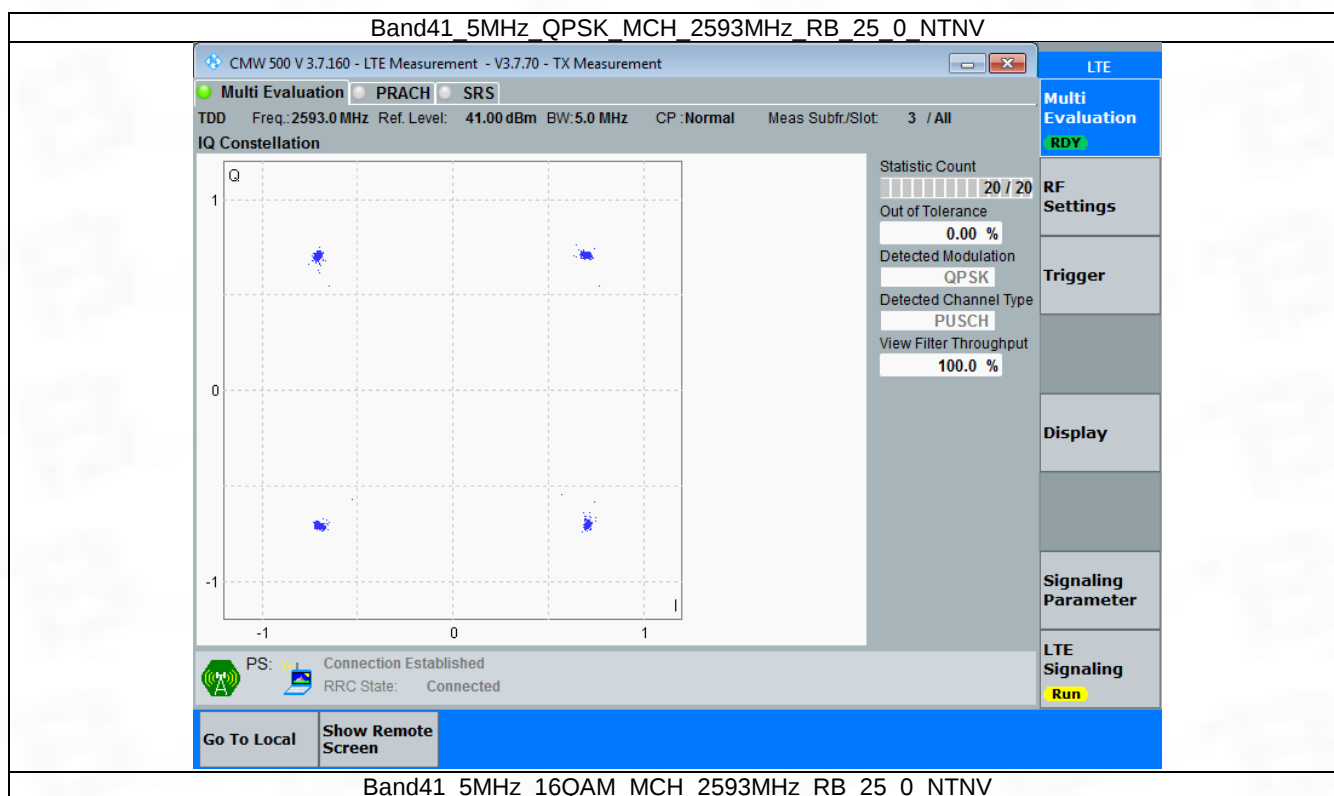
3. Modulation Characteristics

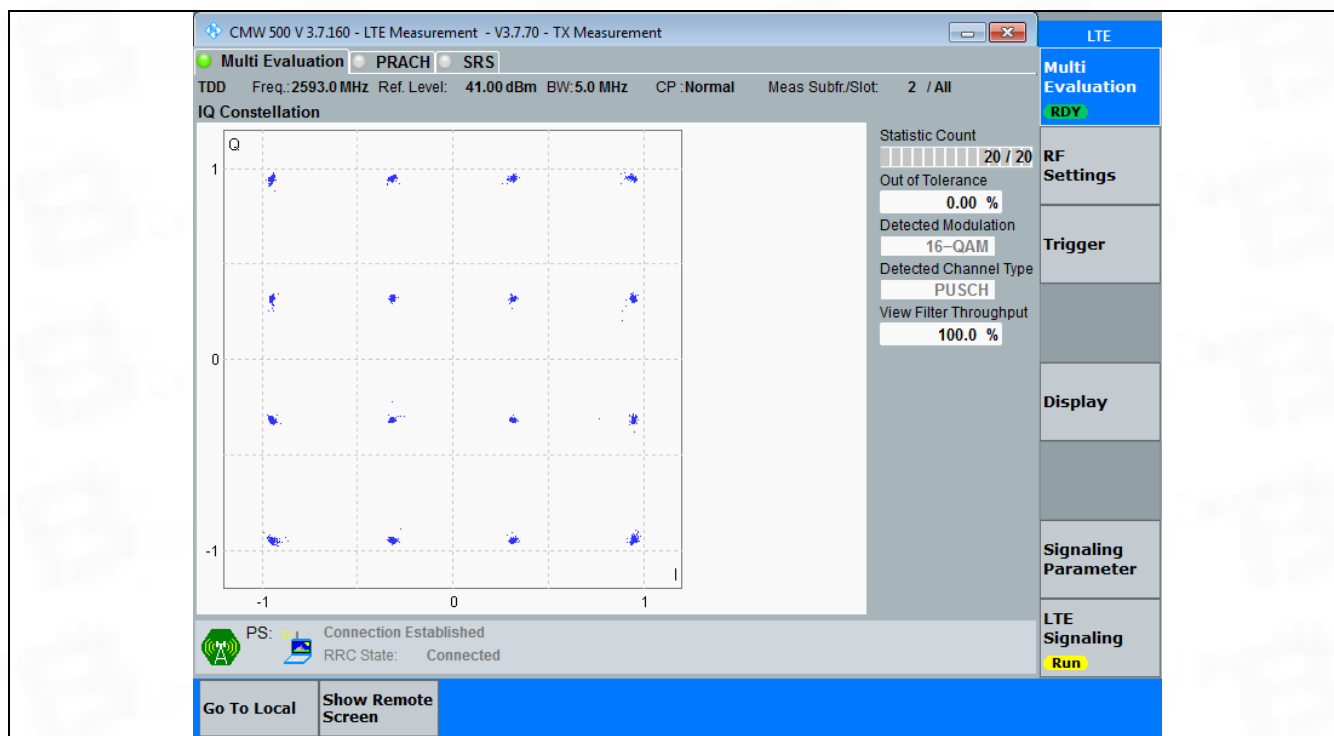
3.1 B41_5MHz

3.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		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





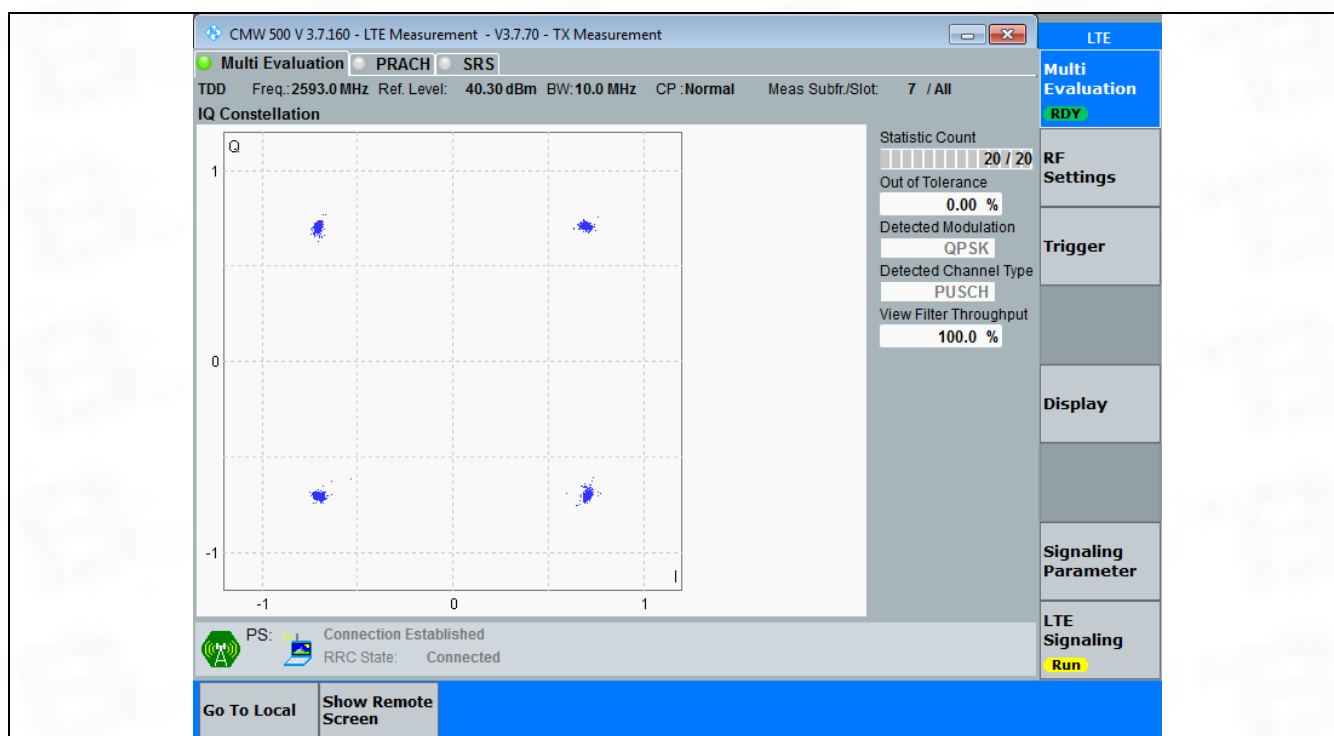
3.2 B41_10MHz

3.2.1 Test Result

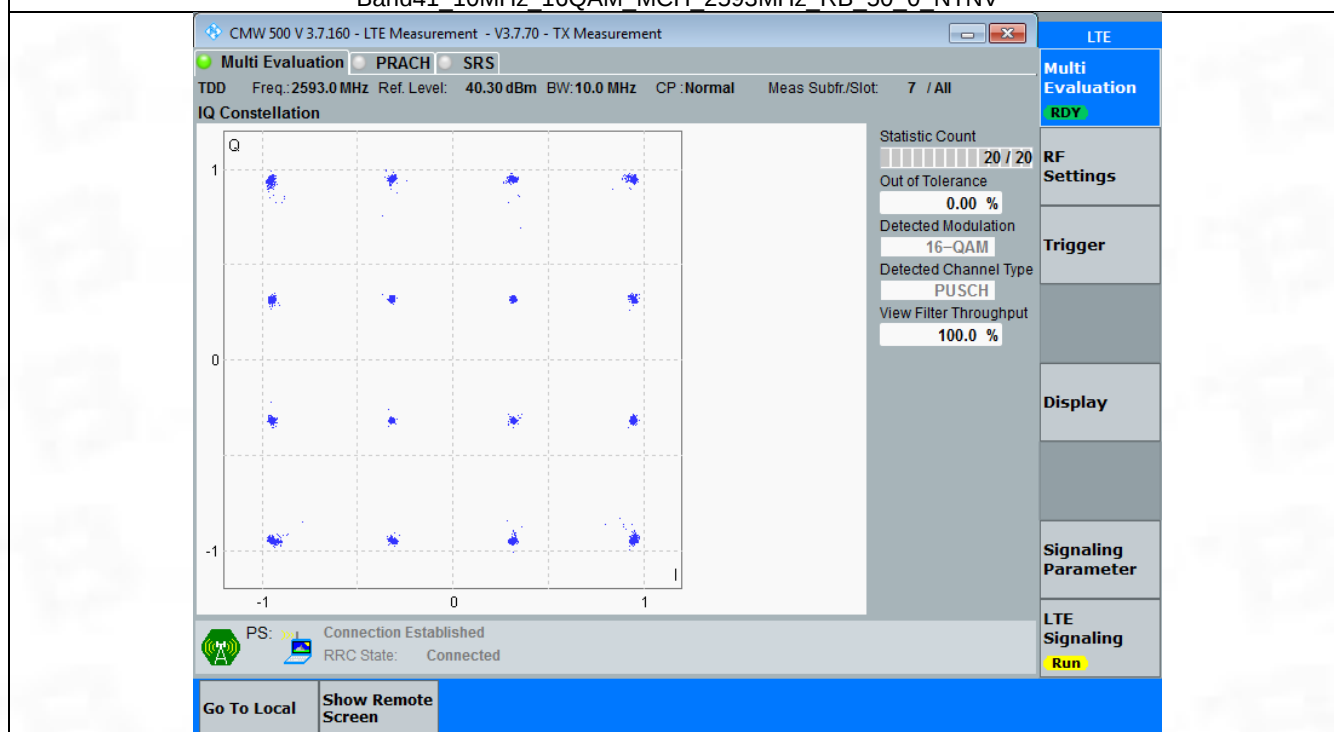
Band: 41 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	50	0	Refer To Test Graph		Pass
16QAM	2593	50	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTV



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

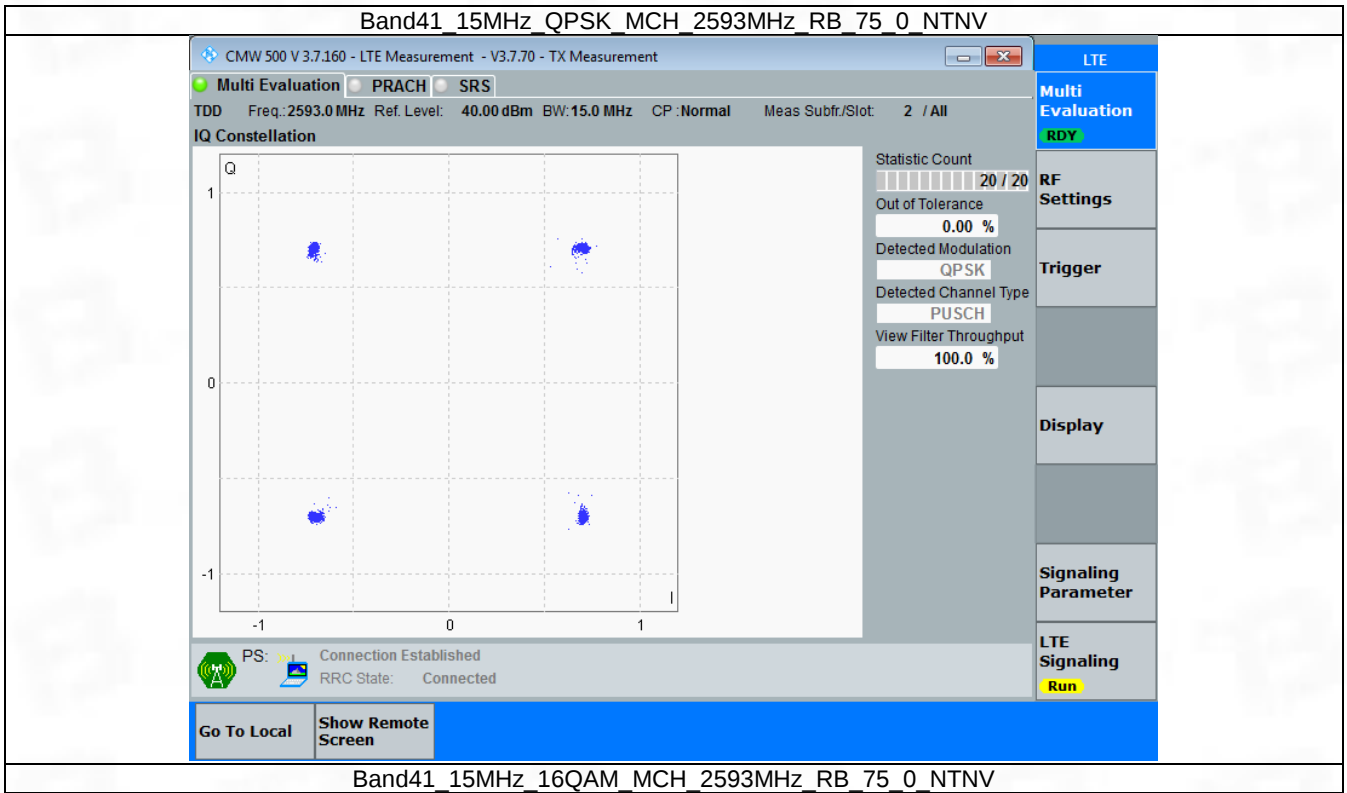


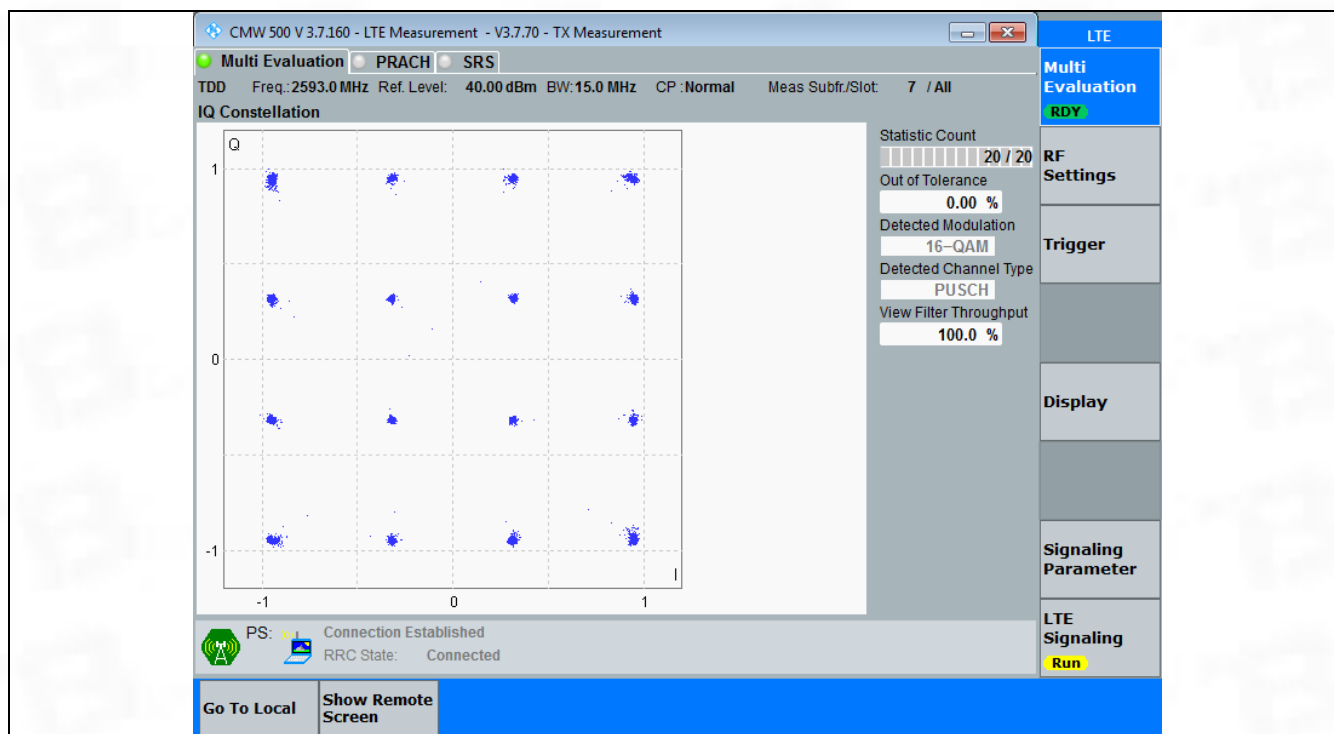
3.3 B41_15MHz

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





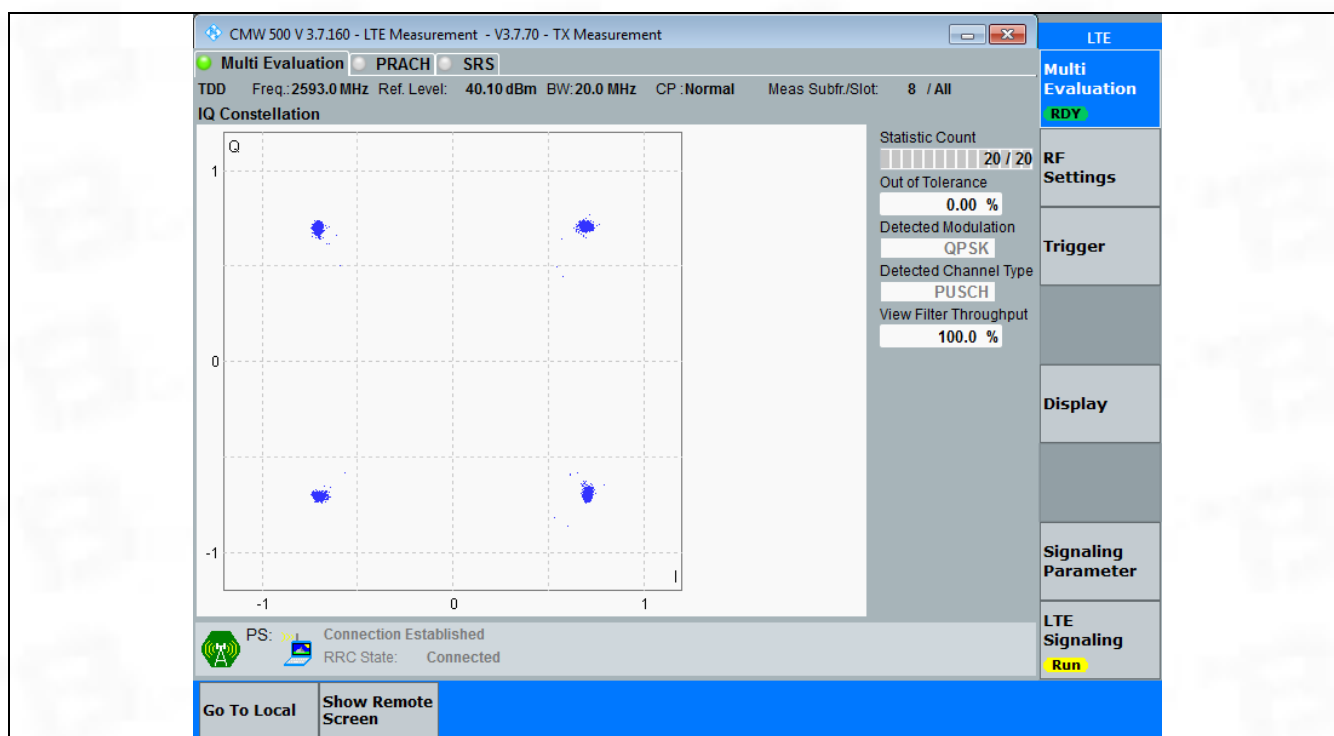
3.4 B41_20MHz

3.4.1 Test Result

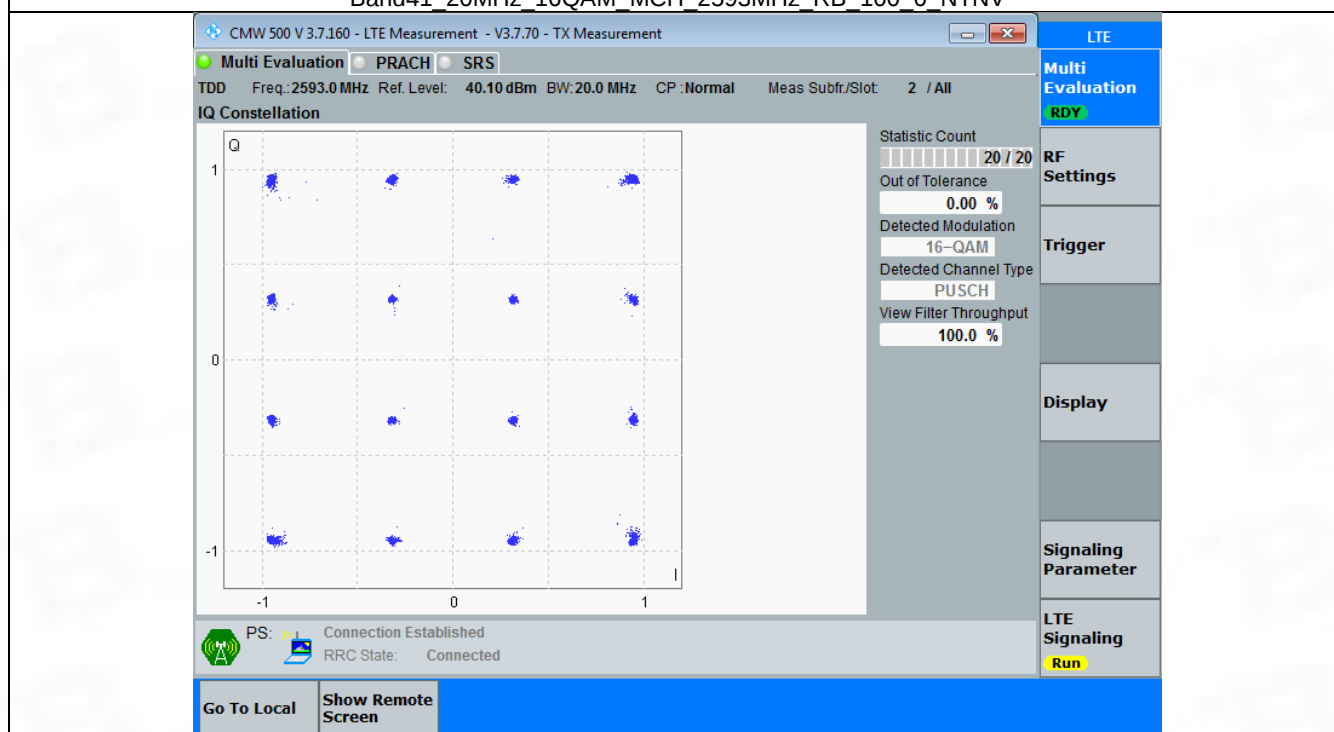
Band: 41 / Bandwidth: 20MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	2593	100	0	Refer To Test Graph	Pass
16QAM	2593	100	0	Refer To Test Graph	Pass

3.4.2 Test Graph

Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0 NTN
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Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



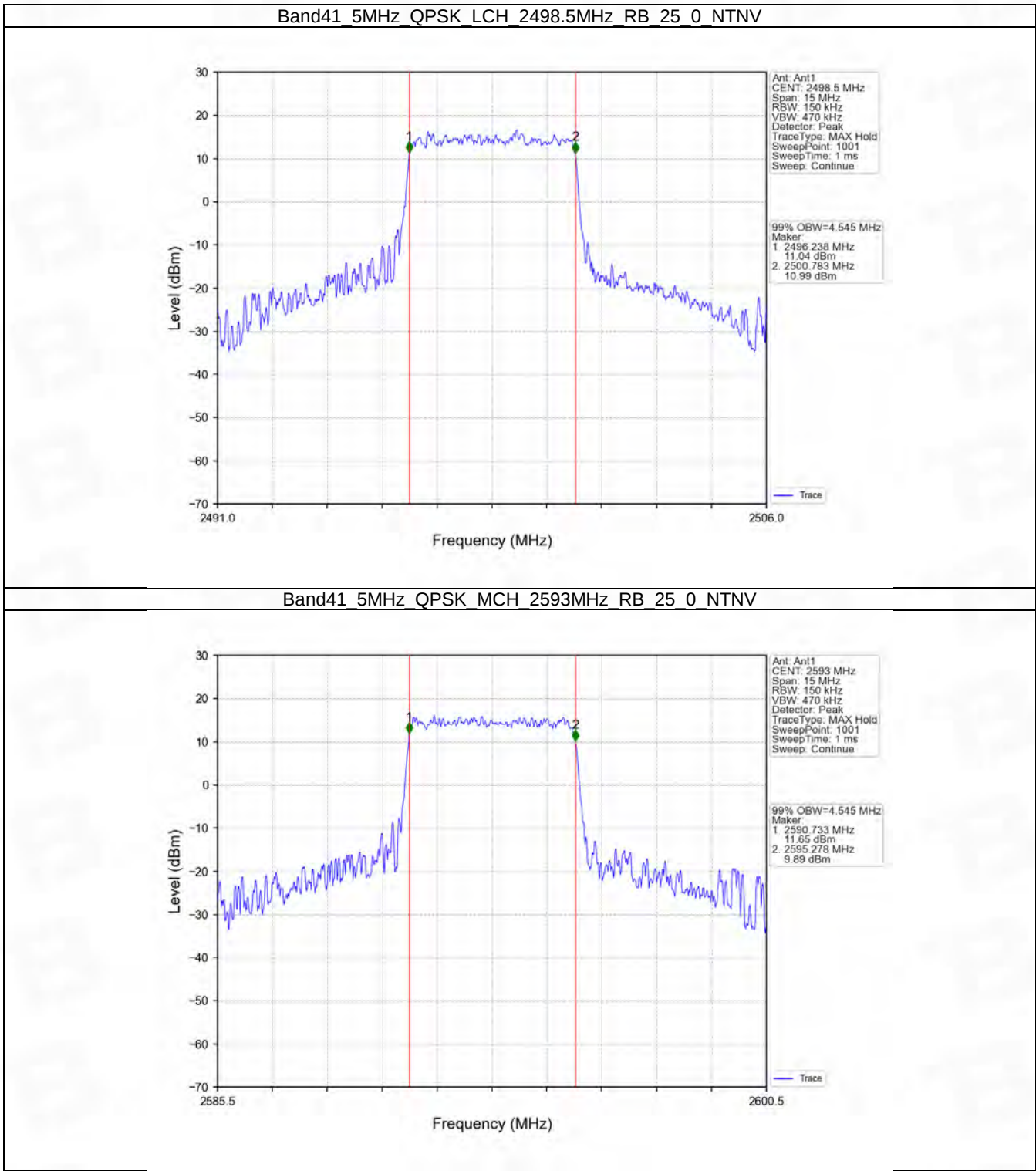
4. 99% & 26dB Bandwidth

4.1 Band41_OBW

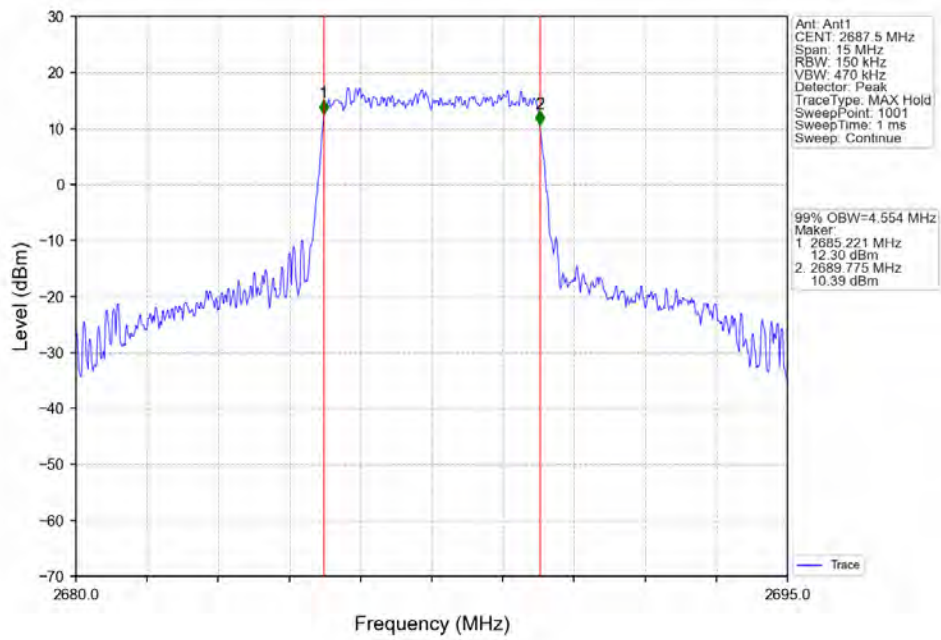
4.1.1 Test Result

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	4.545	/	Pass
		2593	25	0	4.545	/	Pass
		2687.5	25	0	4.554	/	Pass
	16QAM	2498.5	25	0	4.540	/	Pass
		2593	25	0	4.570	/	Pass
		2687.5	25	0	4.544	/	Pass
10	QPSK	2501	50	0	9.063	/	Pass
		2593	50	0	9.064	/	Pass
		2685	50	0	9.048	/	Pass
	16QAM	2501	50	0	9.062	/	Pass
		2593	50	0	9.073	/	Pass
		2685	50	0	9.058	/	Pass
15	QPSK	2503.5	75	0	13.565	/	Pass
		2593	75	0	13.576	/	Pass
		2682.5	75	0	13.621	/	Pass
	16QAM	2503.5	75	0	13.657	/	Pass
		2593	75	0	13.563	/	Pass
		2682.5	75	0	13.635	/	Pass
20	QPSK	2506	100	0	18.155	/	Pass
		2593	100	0	18.066	/	Pass
		2680	100	0	18.135	/	Pass
	16QAM	2506	100	0	18.127	/	Pass
		2593	100	0	18.100	/	Pass
		2680	100	0	18.060	/	Pass

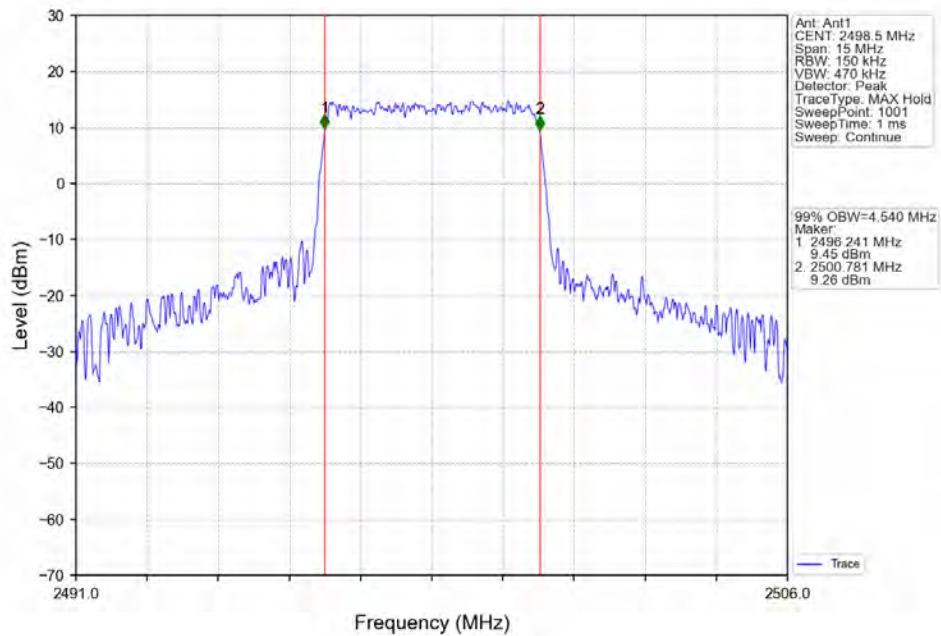
4.1.2 Test Graph



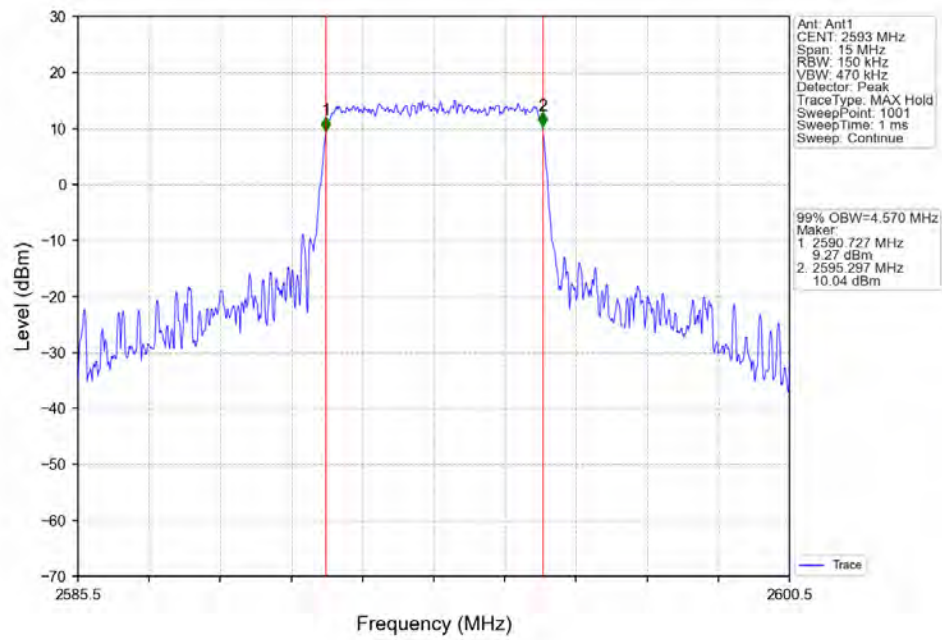
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



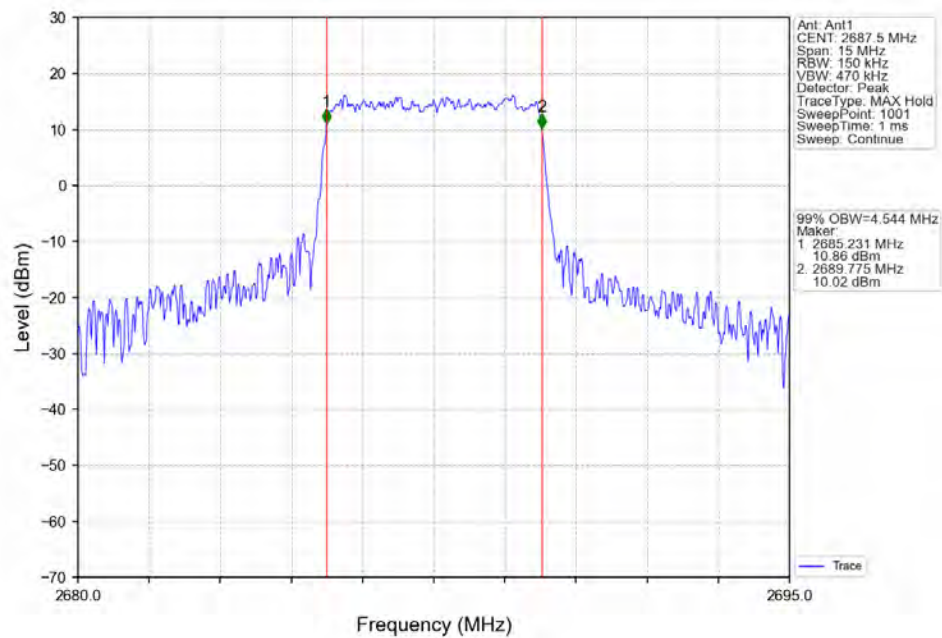
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTNV



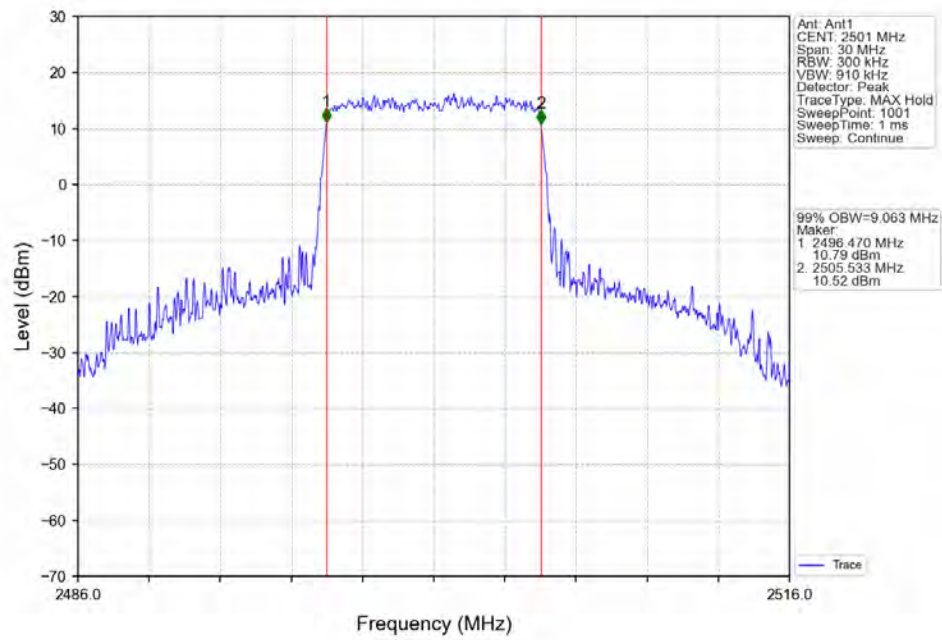
Band41 5MHz 16QAM MCH 2593MHz RB 25 0 NTNV



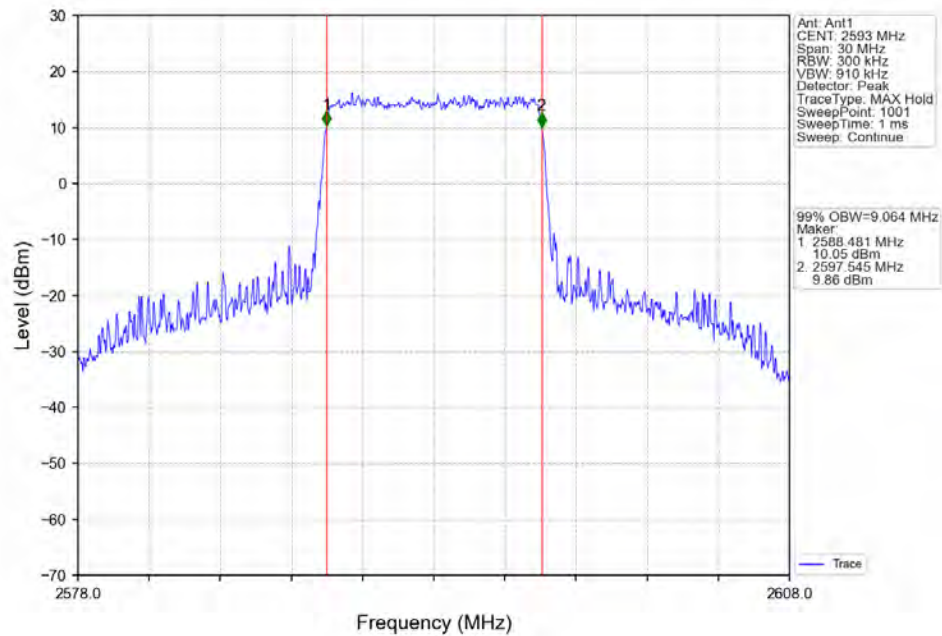
Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTNV



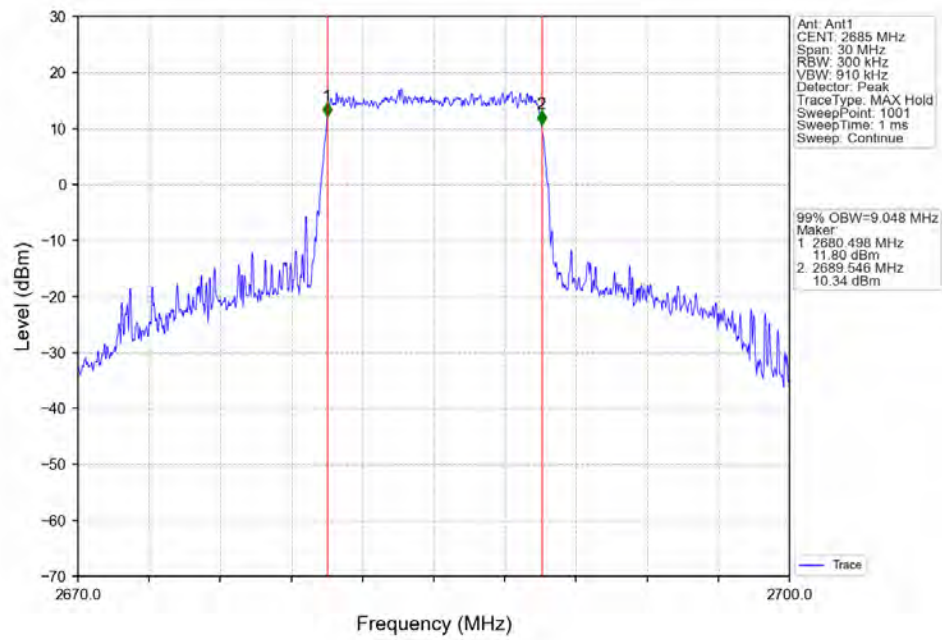
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



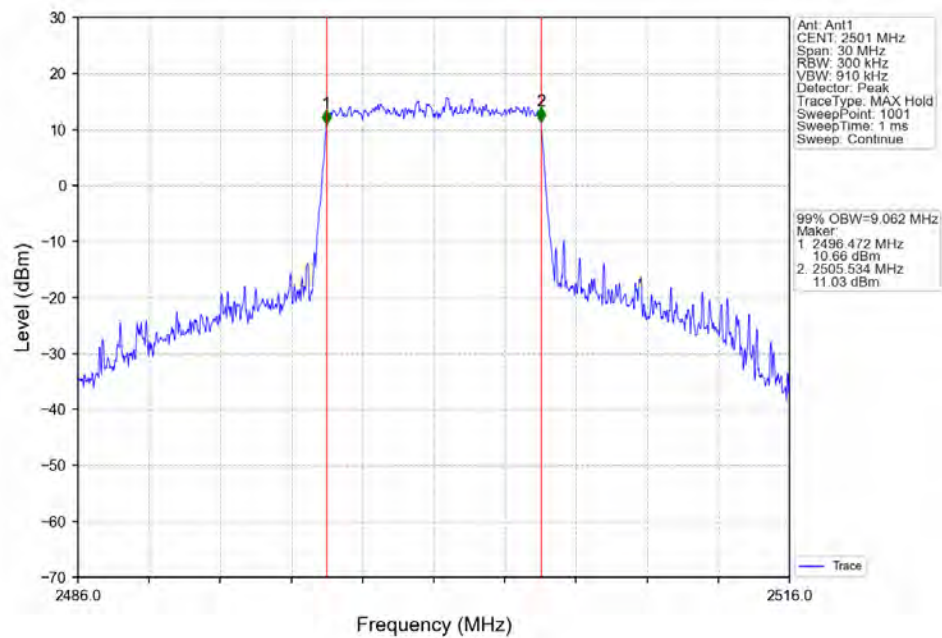
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



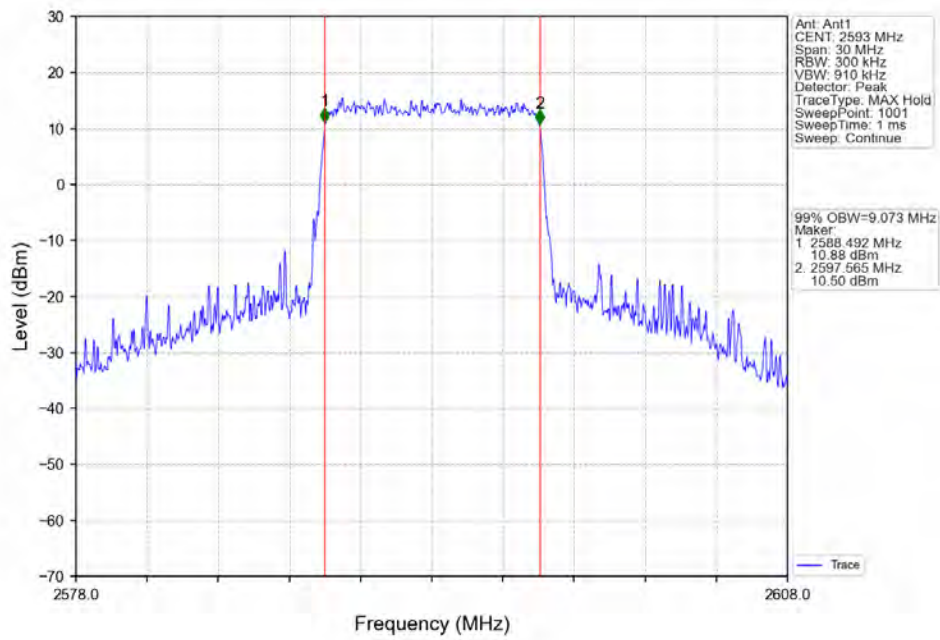
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTNV



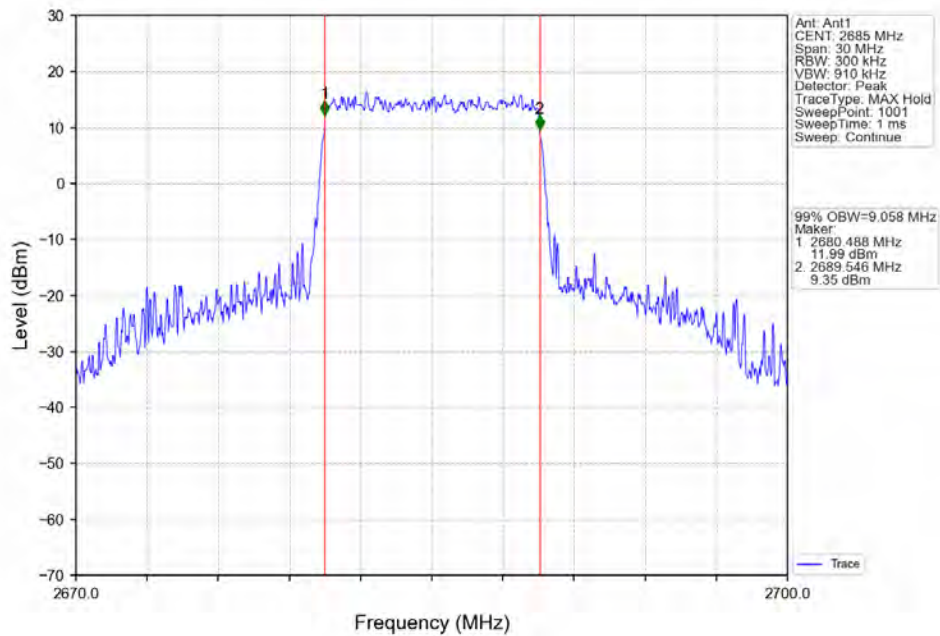
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTNV



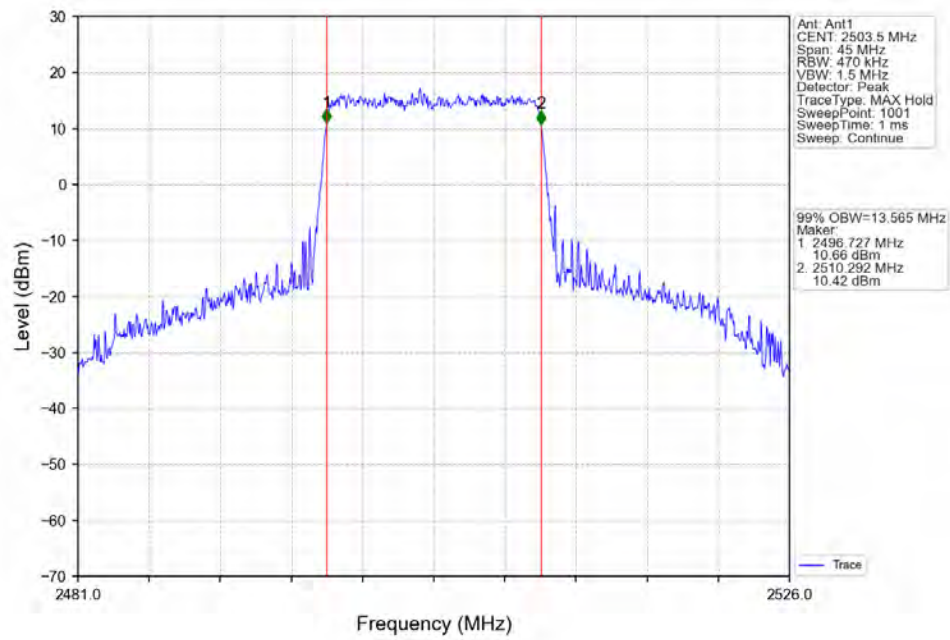
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



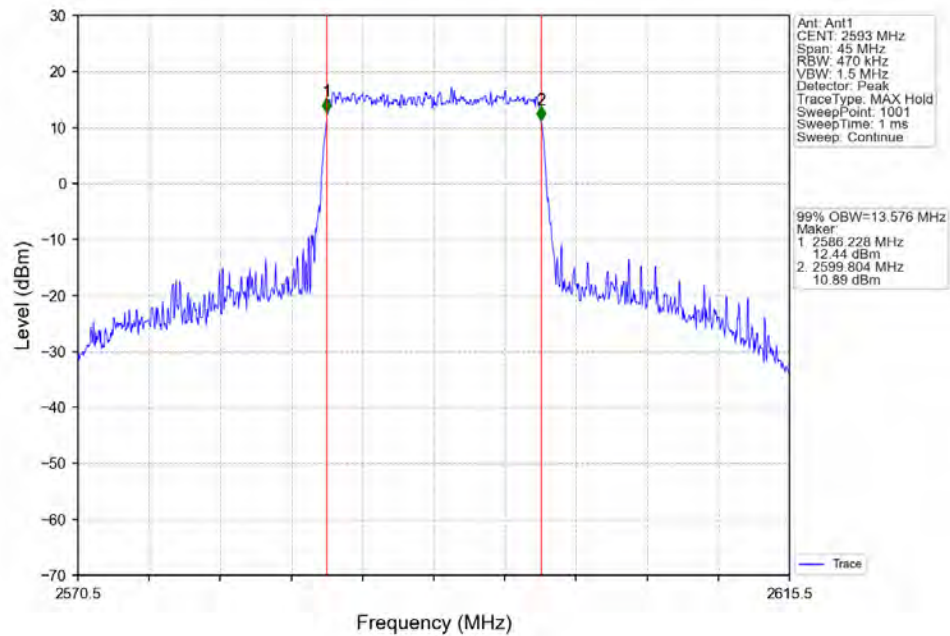
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTNV



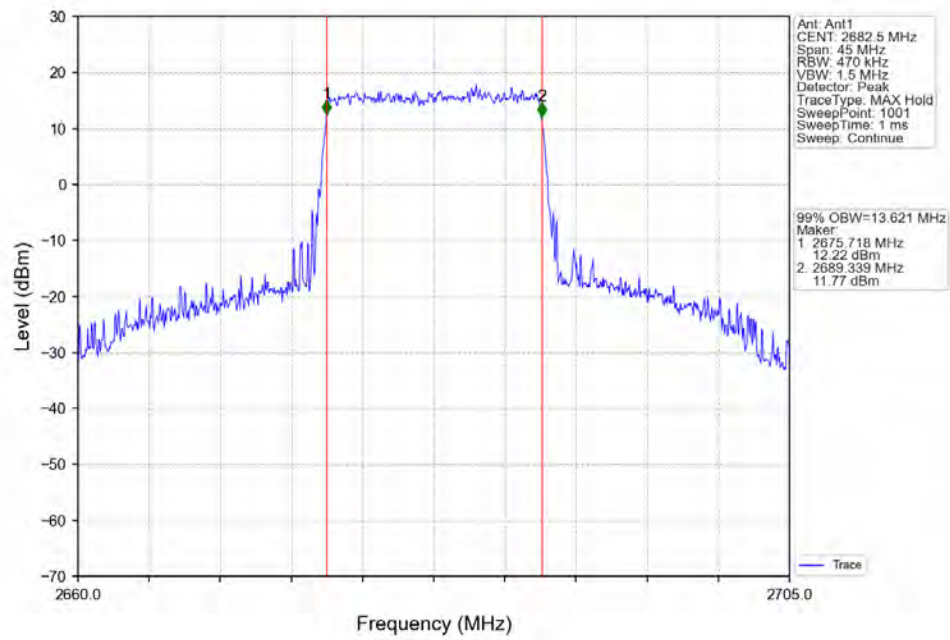
Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV



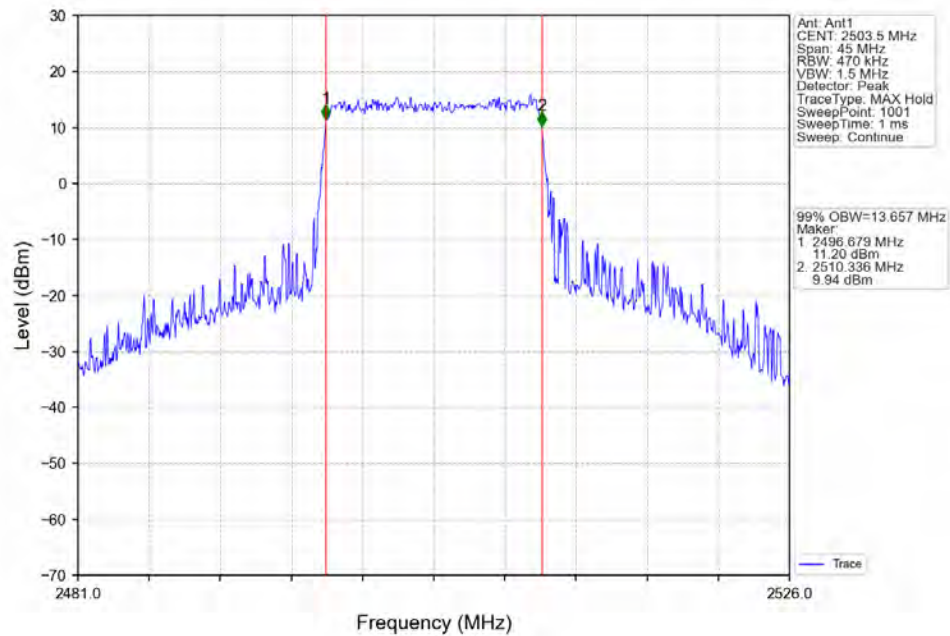
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



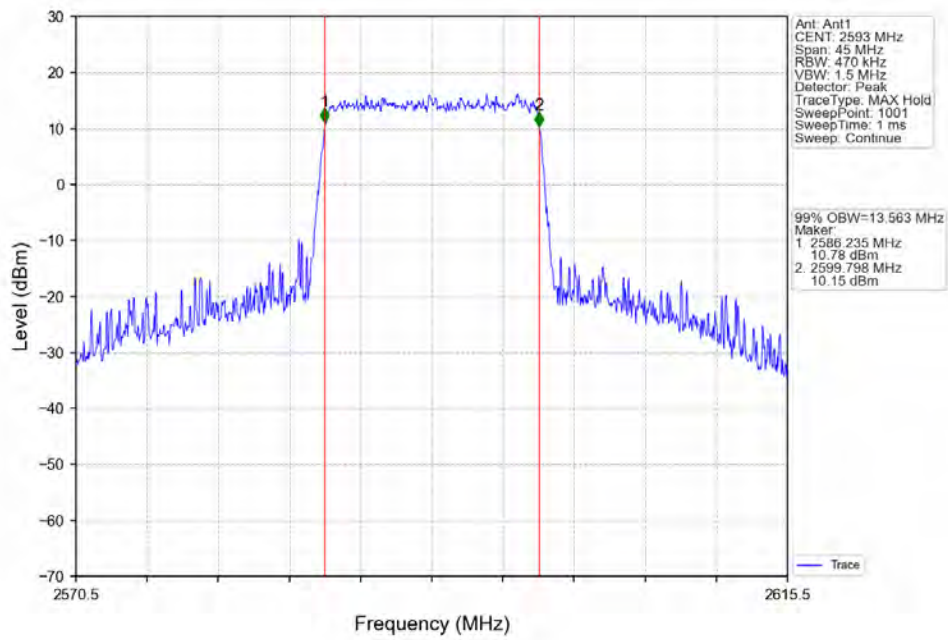
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



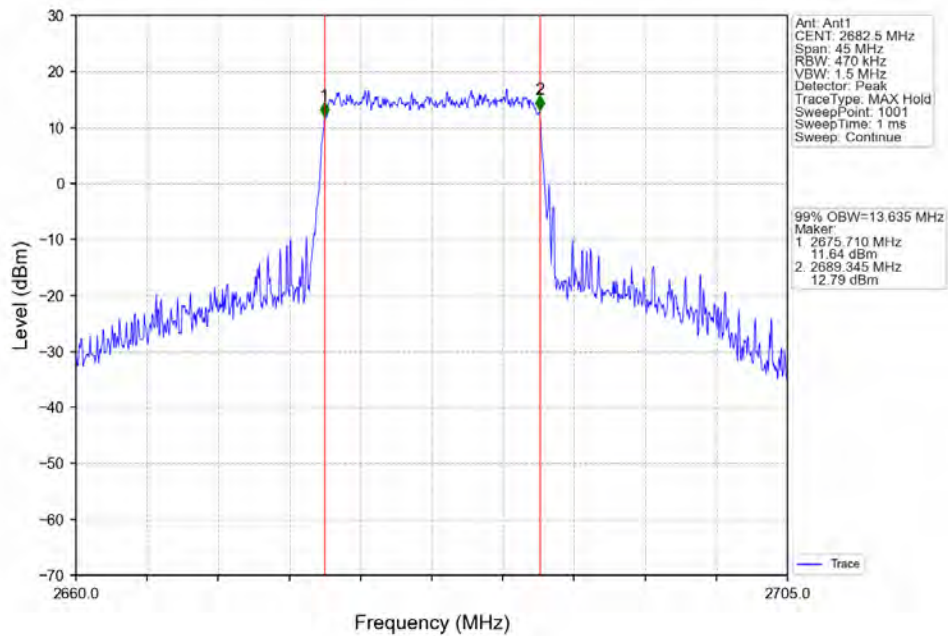
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



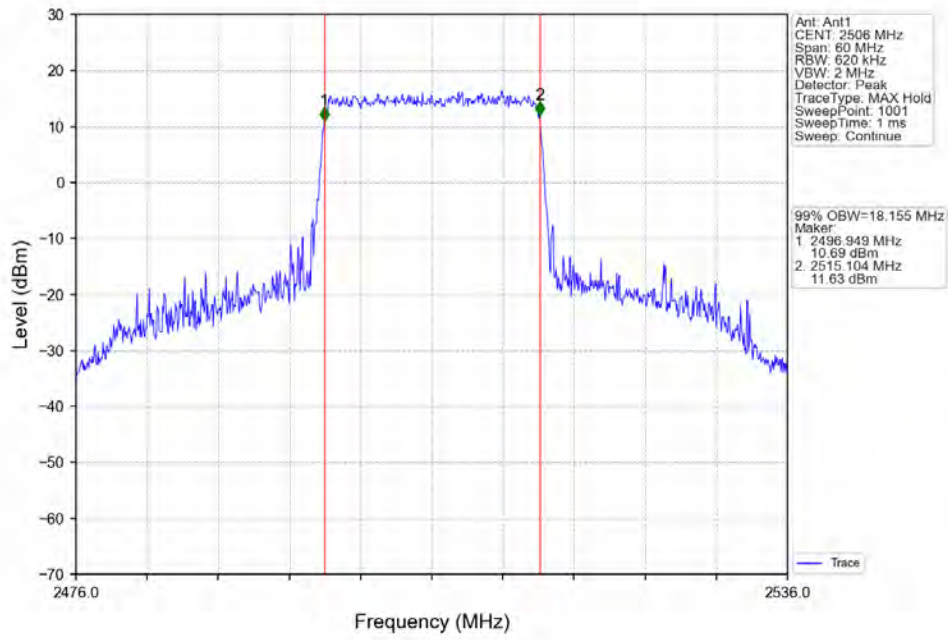
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



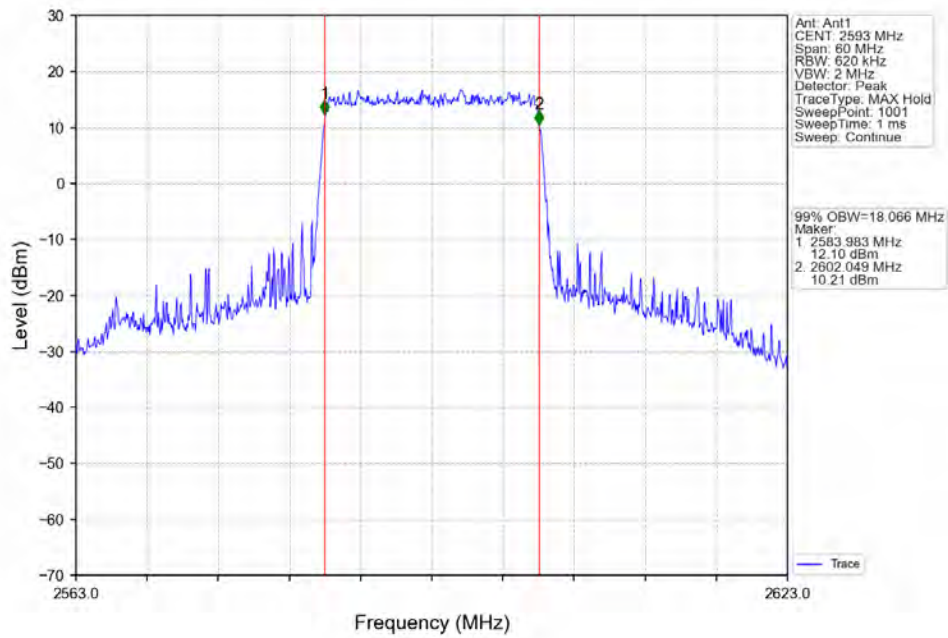
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



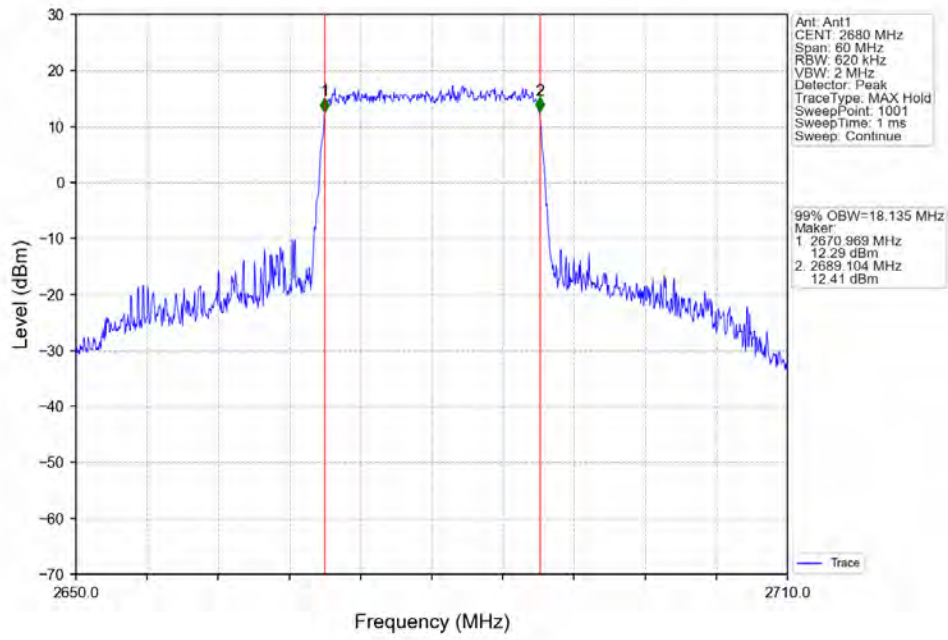
Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTNV



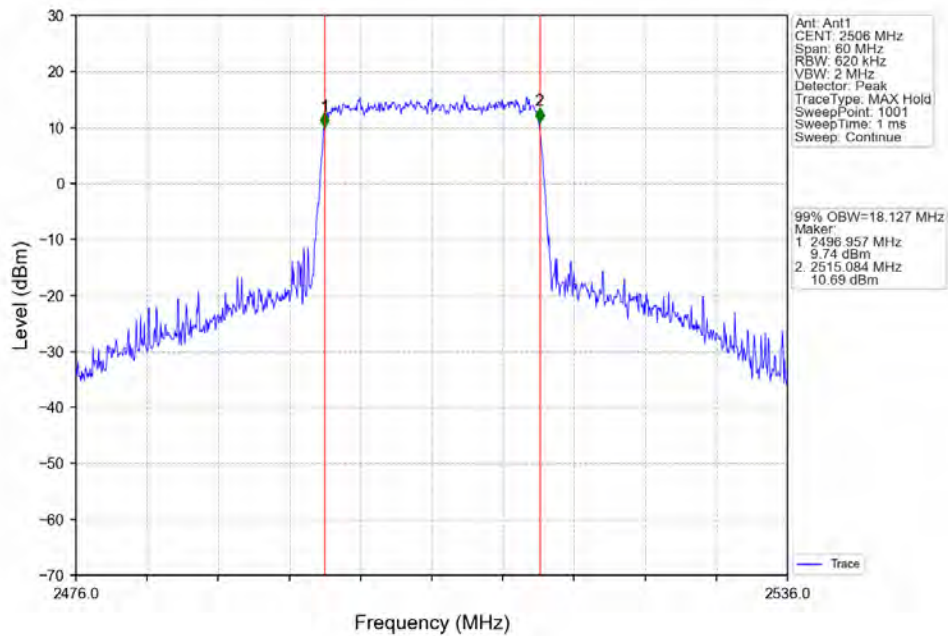
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



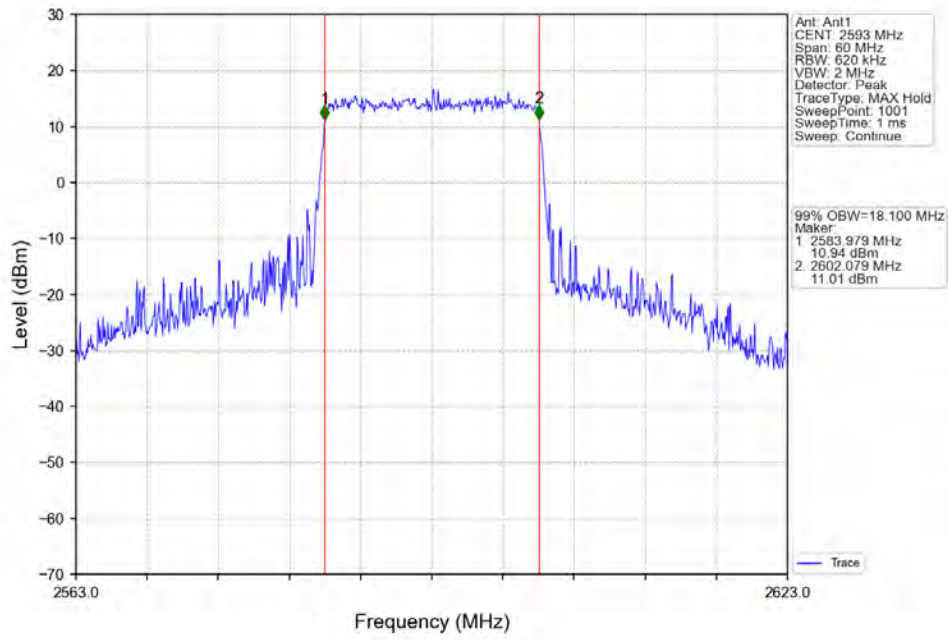
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



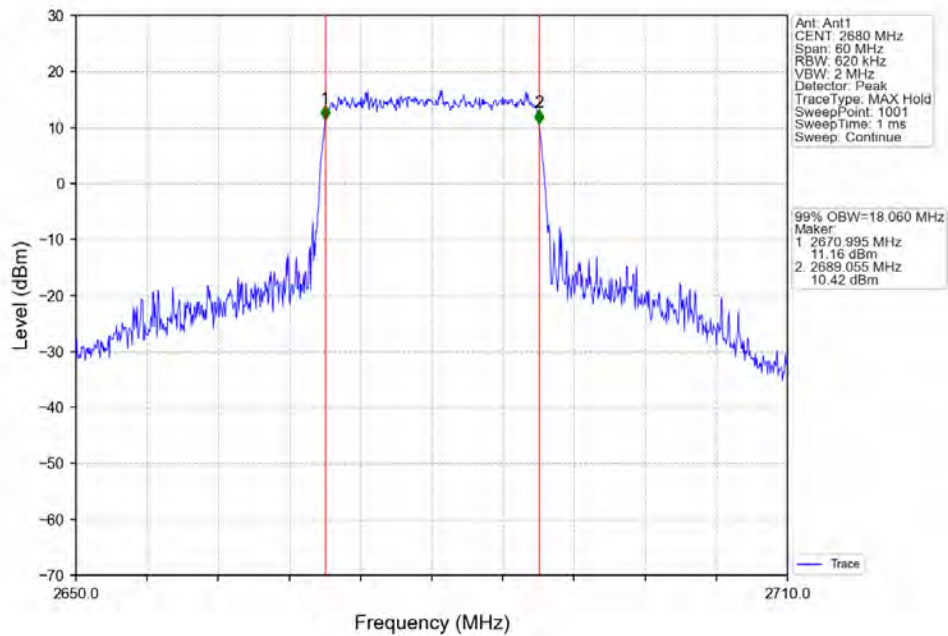
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTNV



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



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

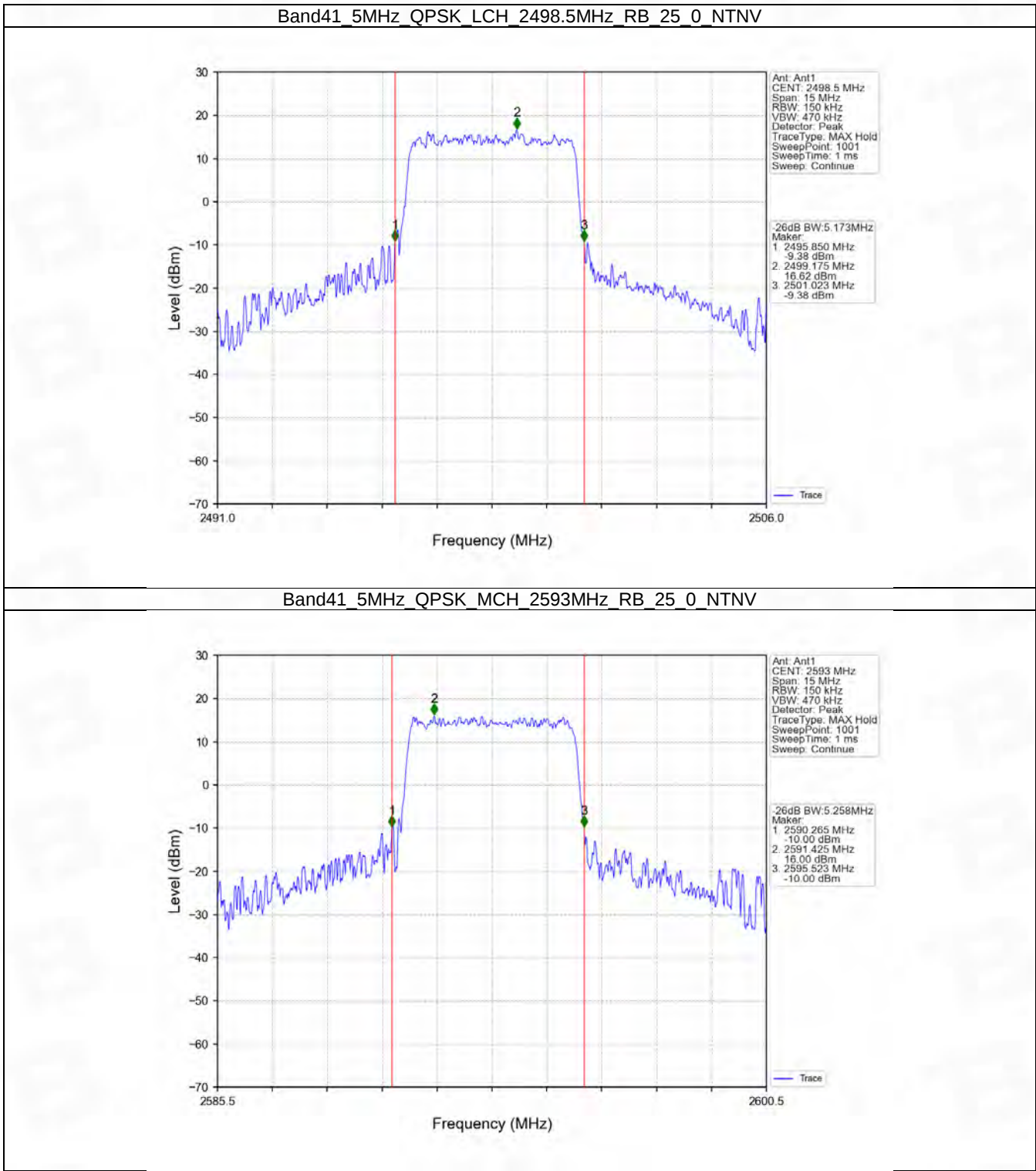


4.2 Band41_XDB

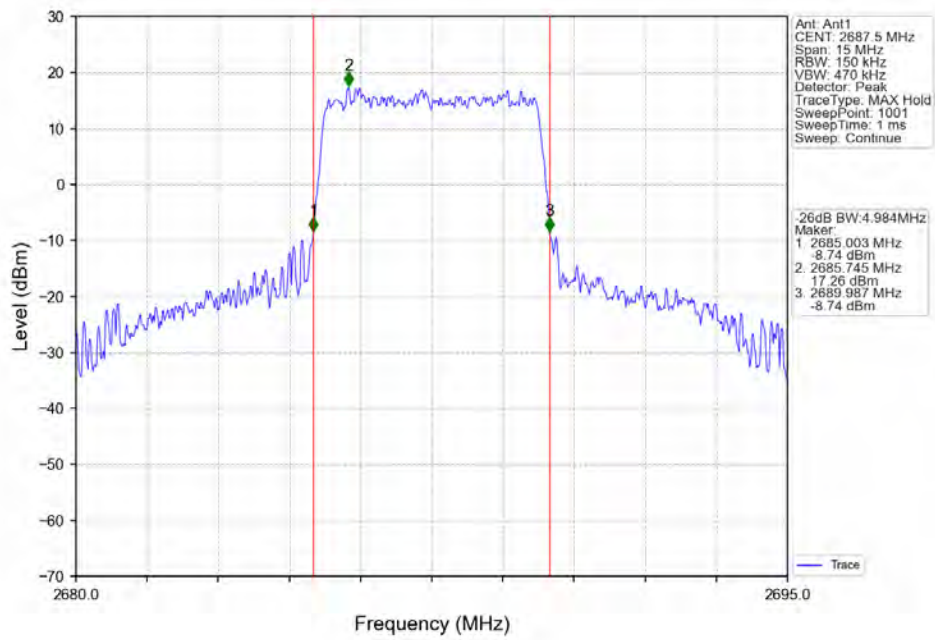
4.2.1 Test Result

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.173	/	Pass
		2593	25	0	5.258	/	Pass
		2687.5	25	0	4.984	/	Pass
	16QAM	2498.5	25	0	5.261	/	Pass
		2593	25	0	5.307	/	Pass
		2687.5	25	0	5.411	/	Pass
10	QPSK	2501	50	0	10.060	/	Pass
		2593	50	0	10.056	/	Pass
		2685	50	0	10.438	/	Pass
	16QAM	2501	50	0	10.434	/	Pass
		2593	50	0	10.023	/	Pass
		2685	50	0	10.145	/	Pass
15	QPSK	2503.5	75	0	15.582	/	Pass
		2593	75	0	14.934	/	Pass
		2682.5	75	0	15.527	/	Pass
	16QAM	2503.5	75	0	16.126	/	Pass
		2593	75	0	14.908	/	Pass
		2682.5	75	0	15.224	/	Pass
20	QPSK	2506	100	0	20.448	/	Pass
		2593	100	0	20.884	/	Pass
		2680	100	0	19.751	/	Pass
	16QAM	2506	100	0	19.775	/	Pass
		2593	100	0	22.941	/	Pass
		2680	100	0	21.015	/	Pass

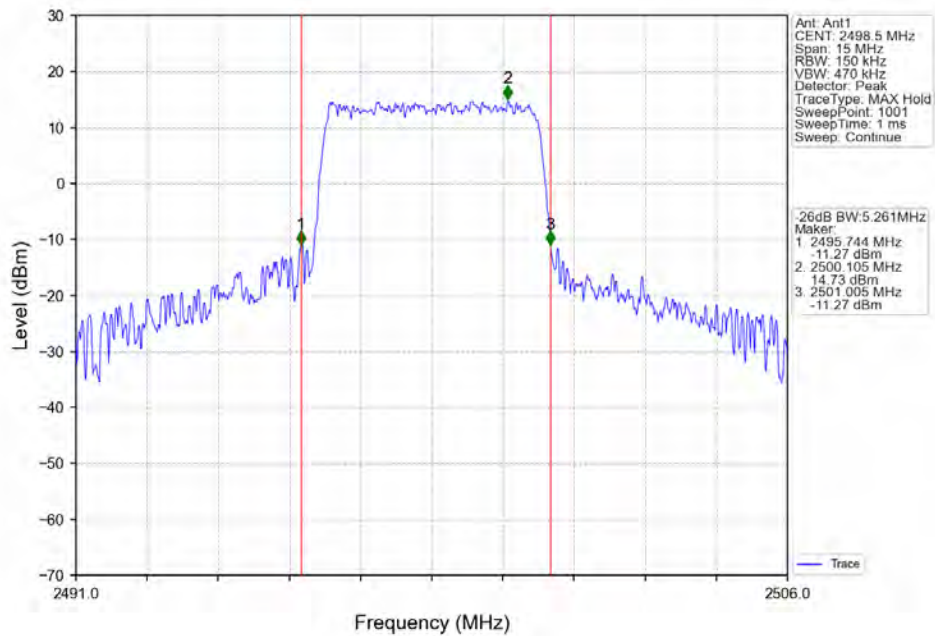
4.2.2 Test Graph



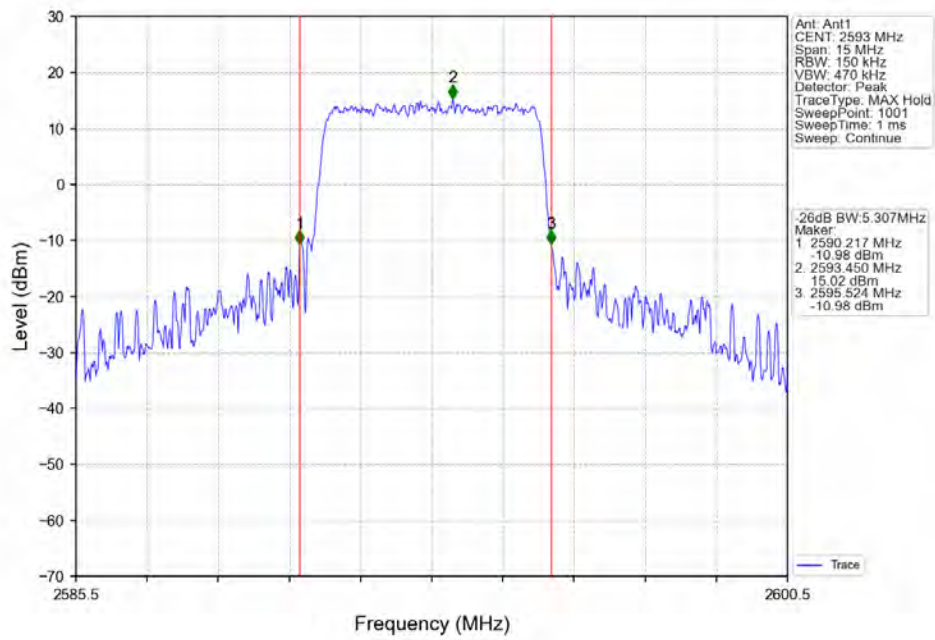
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



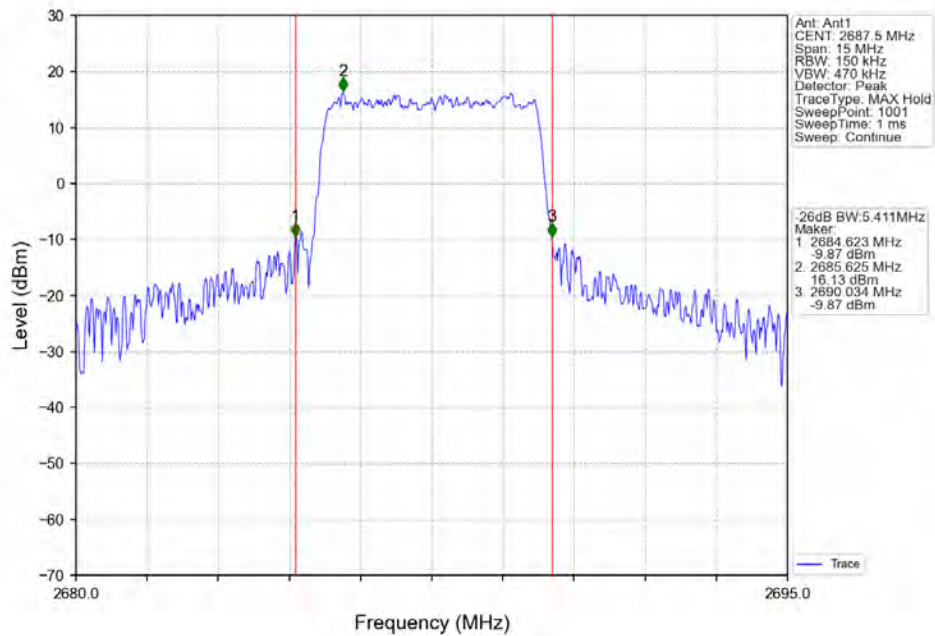
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTNV



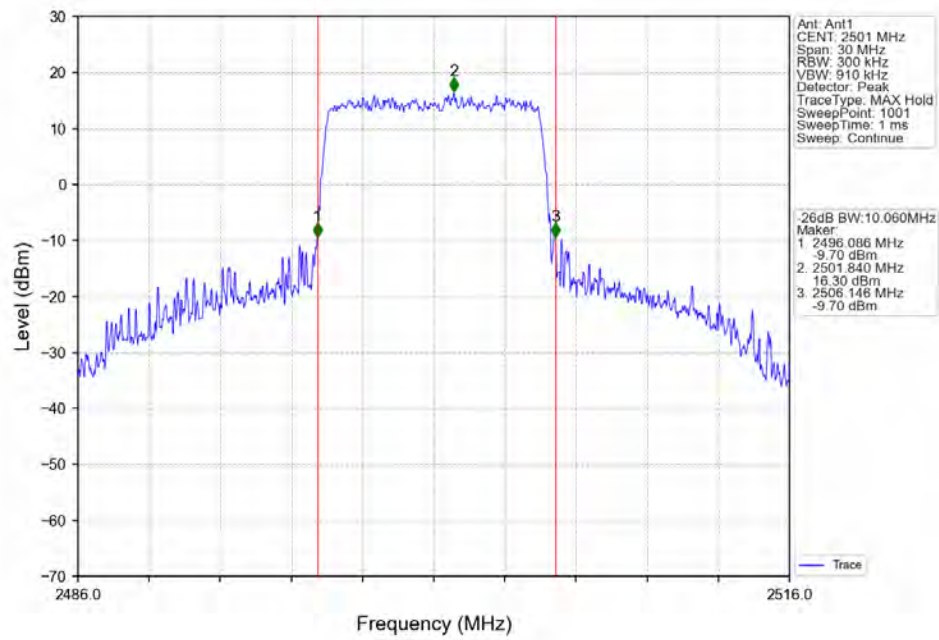
Band41 5MHz 16QAM MCH 2593MHz RB 25 0 NTNV



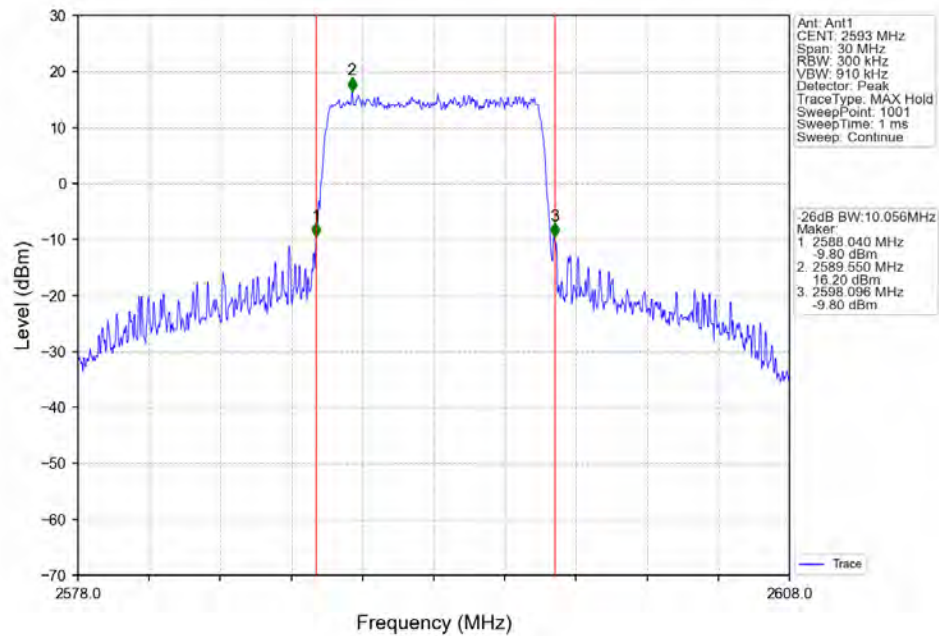
Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTNV



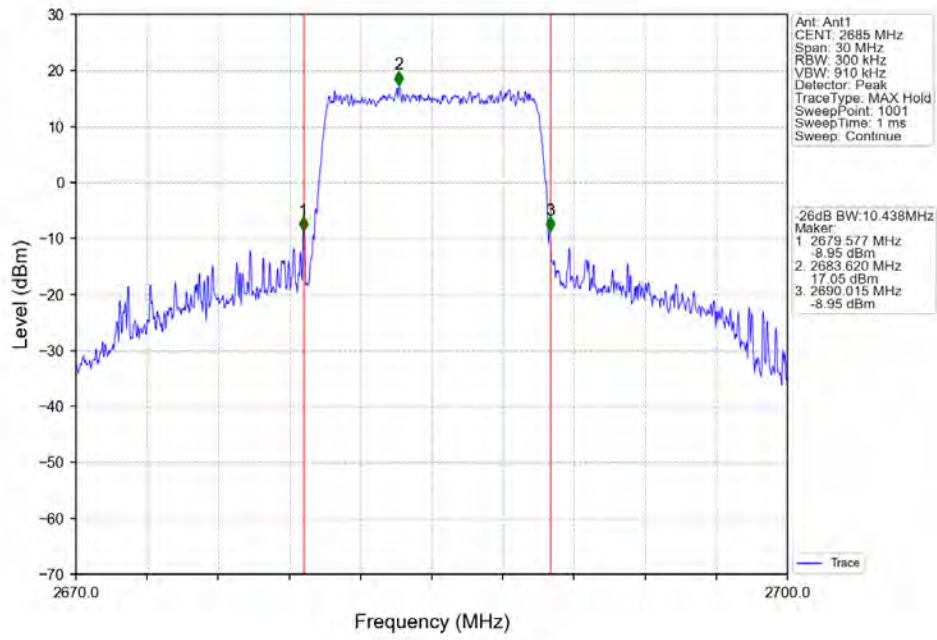
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



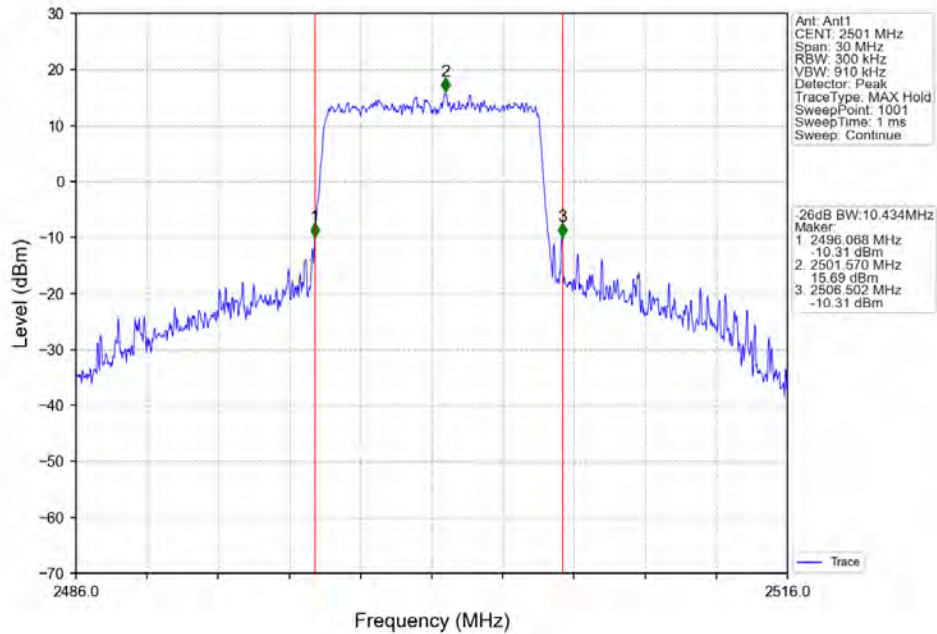
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



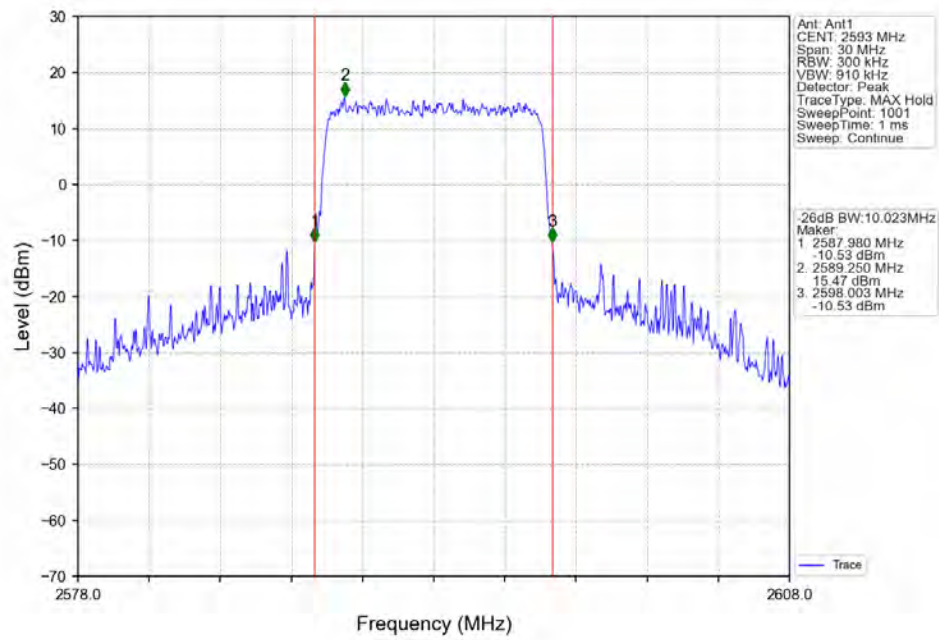
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTNV



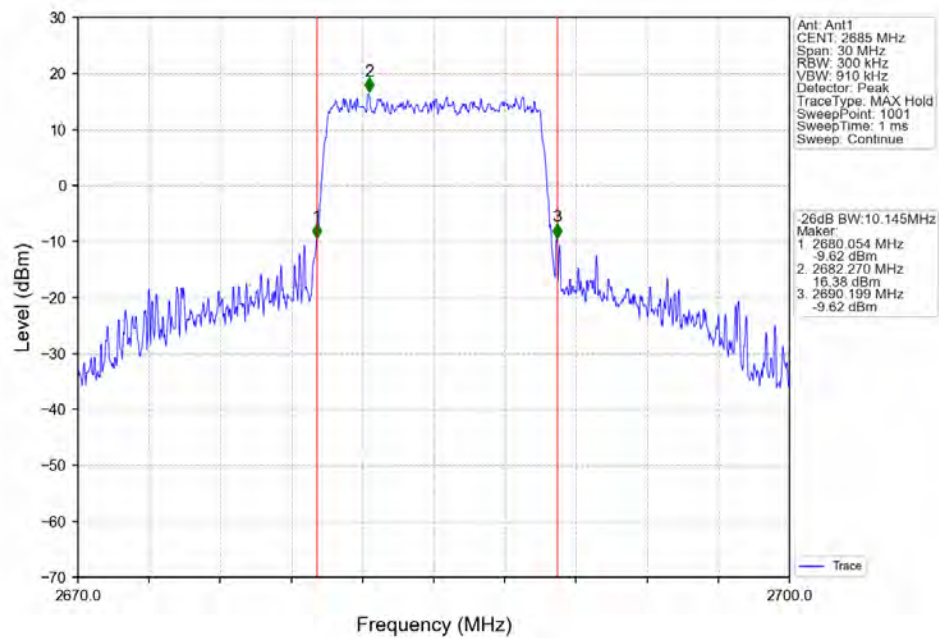
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTNV



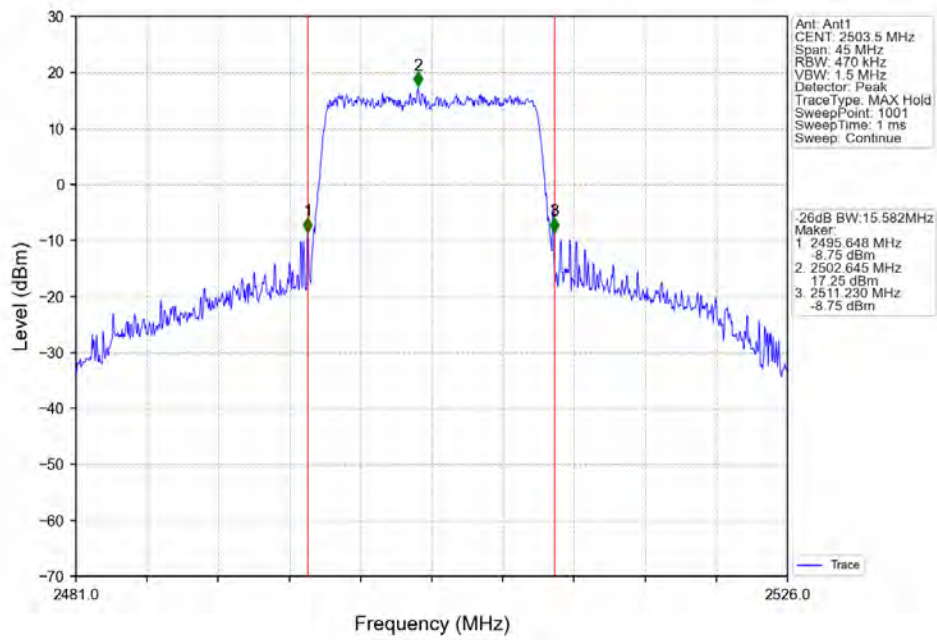
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



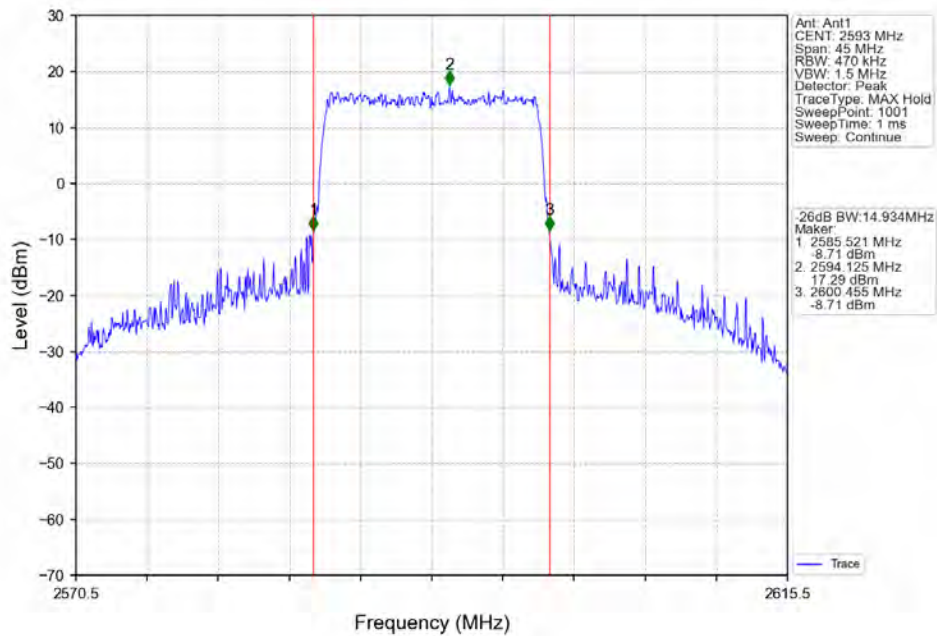
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTNV



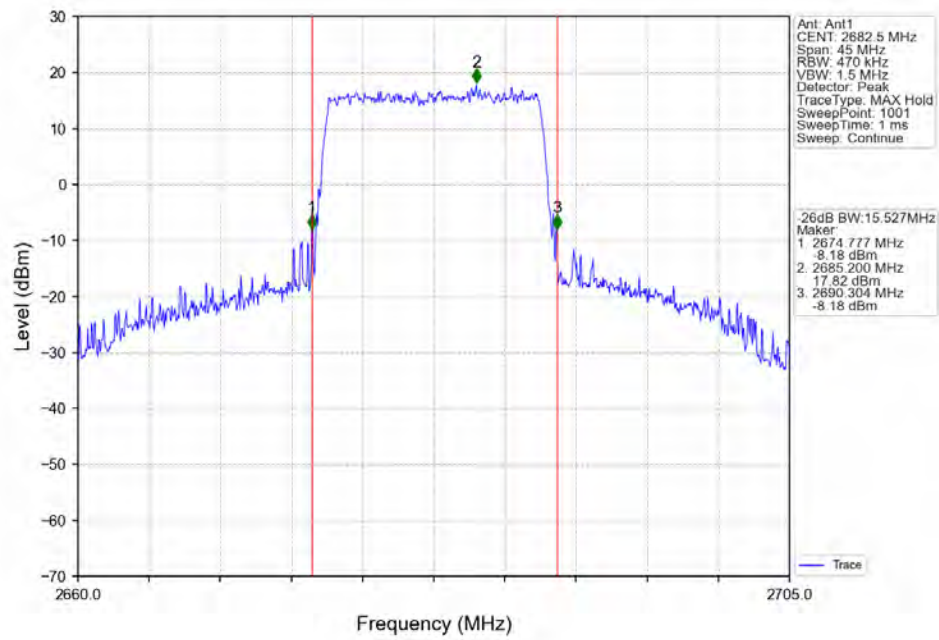
Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV



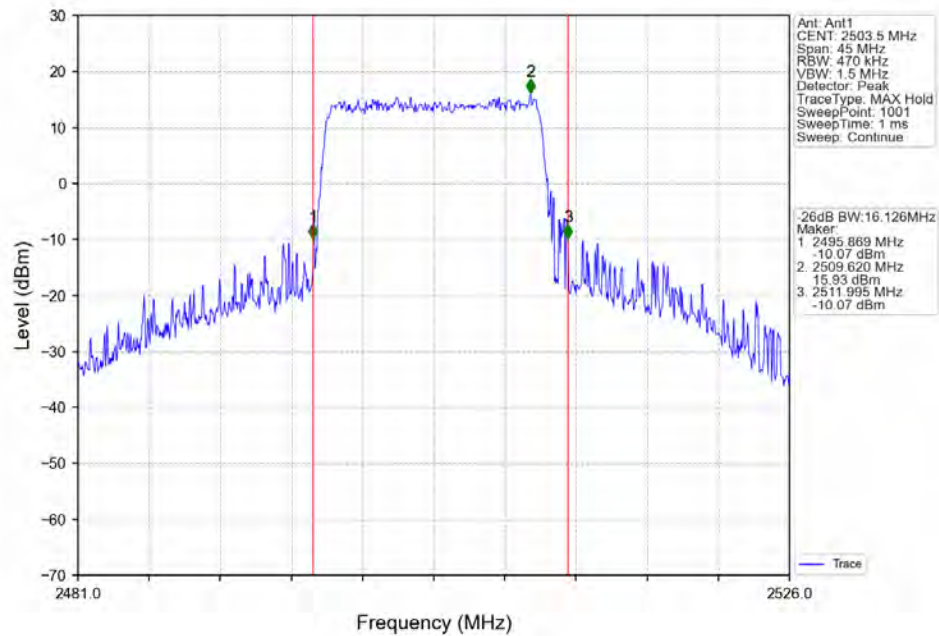
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



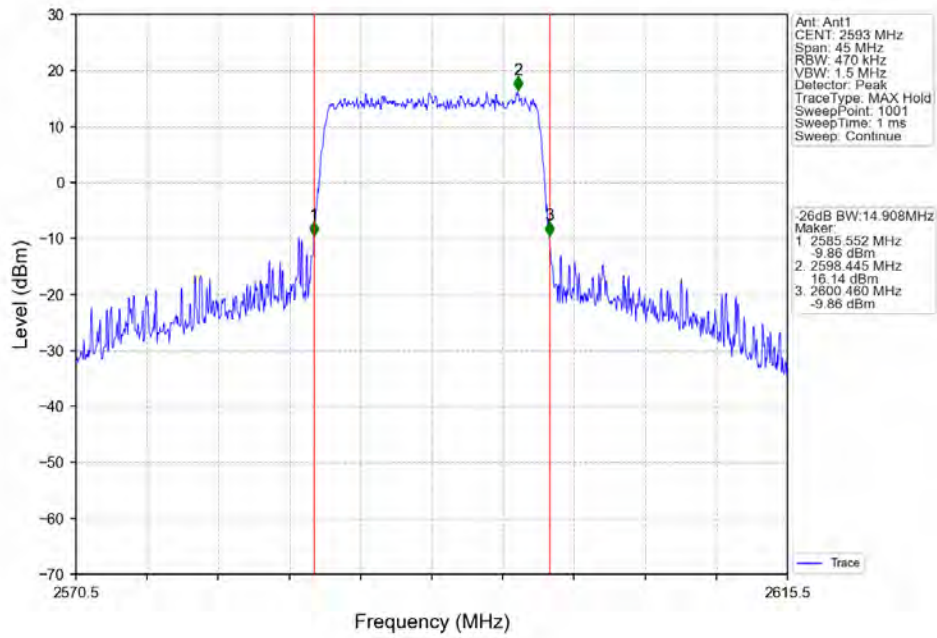
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



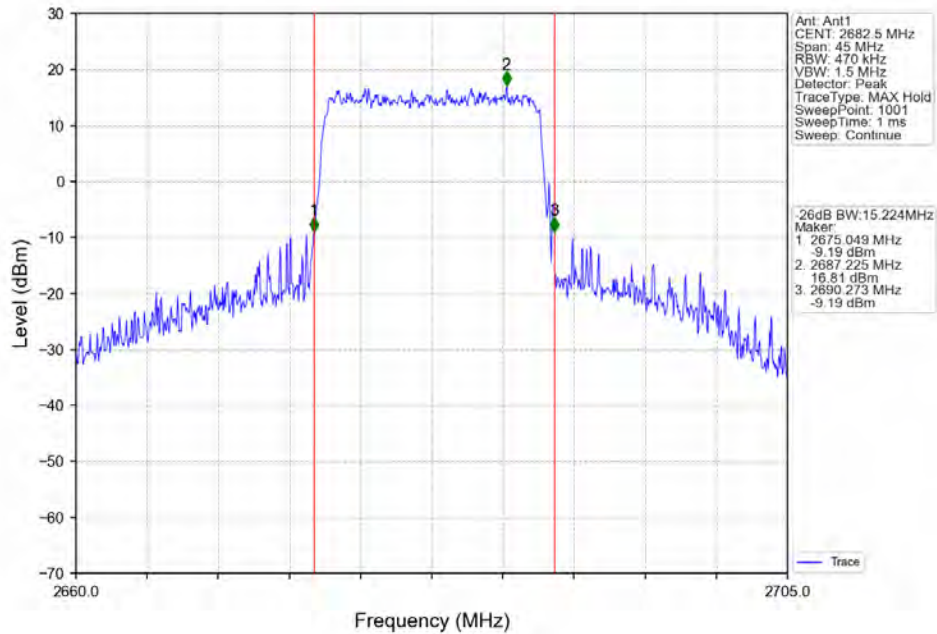
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



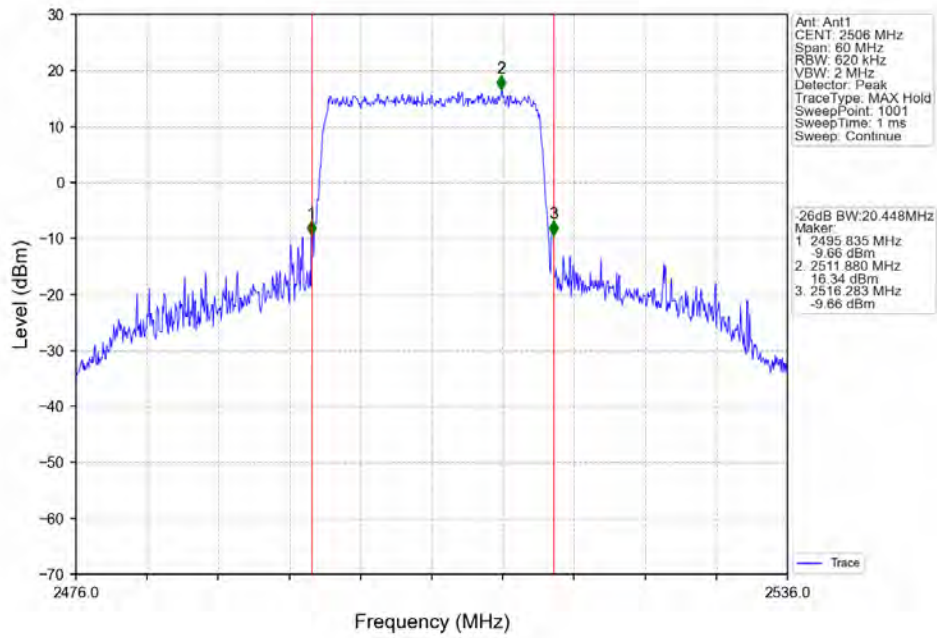
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



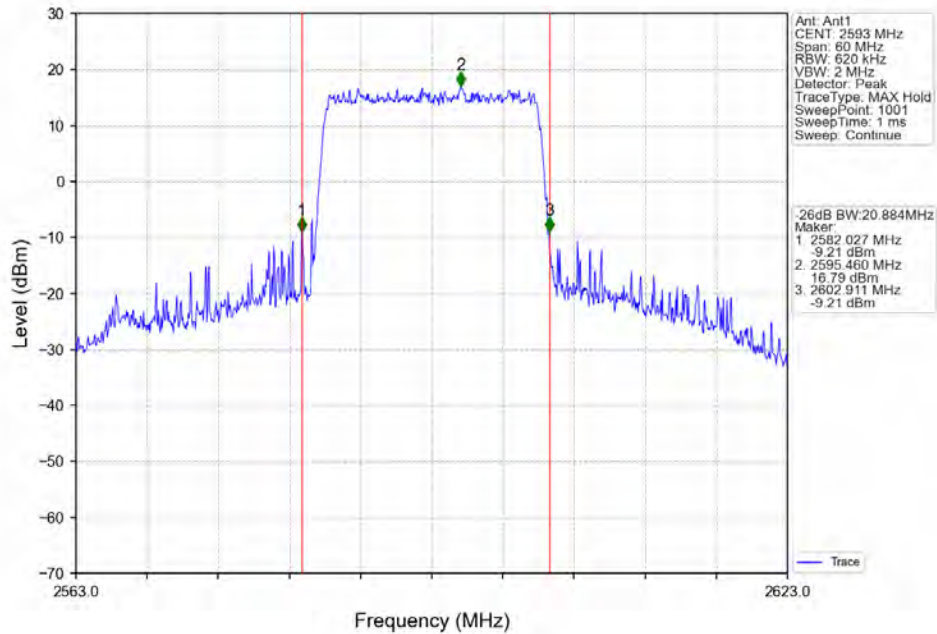
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



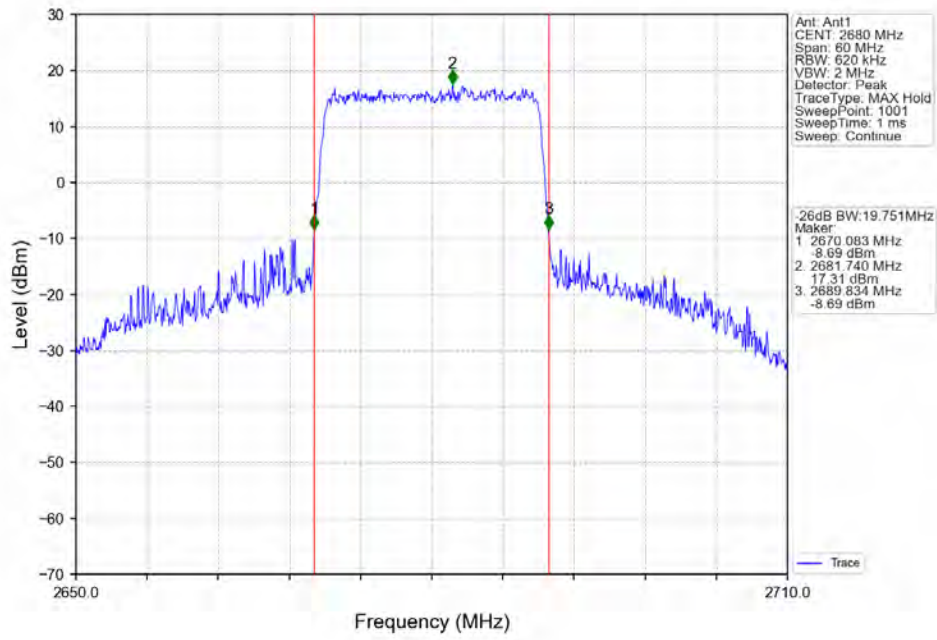
Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTNV



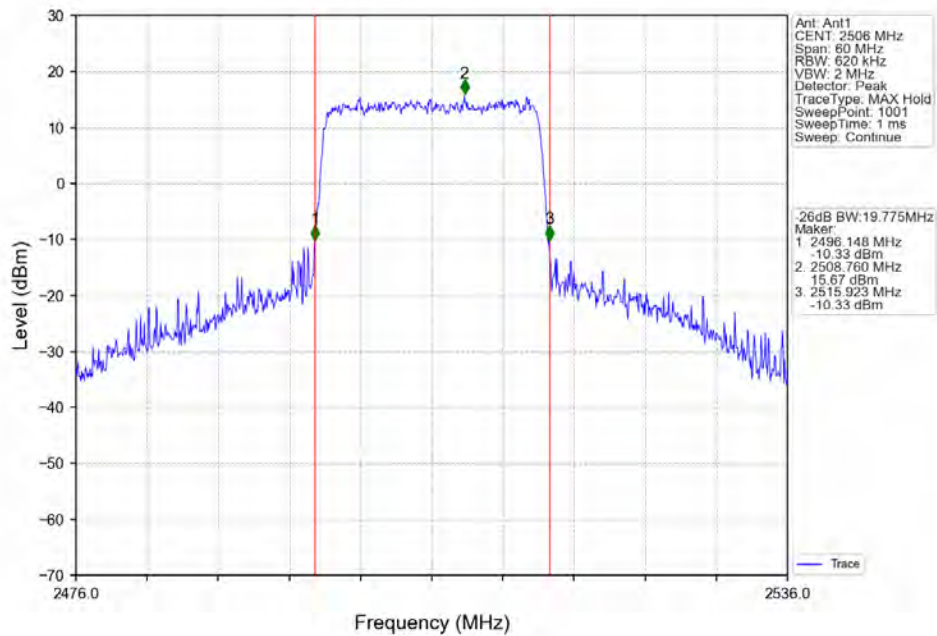
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



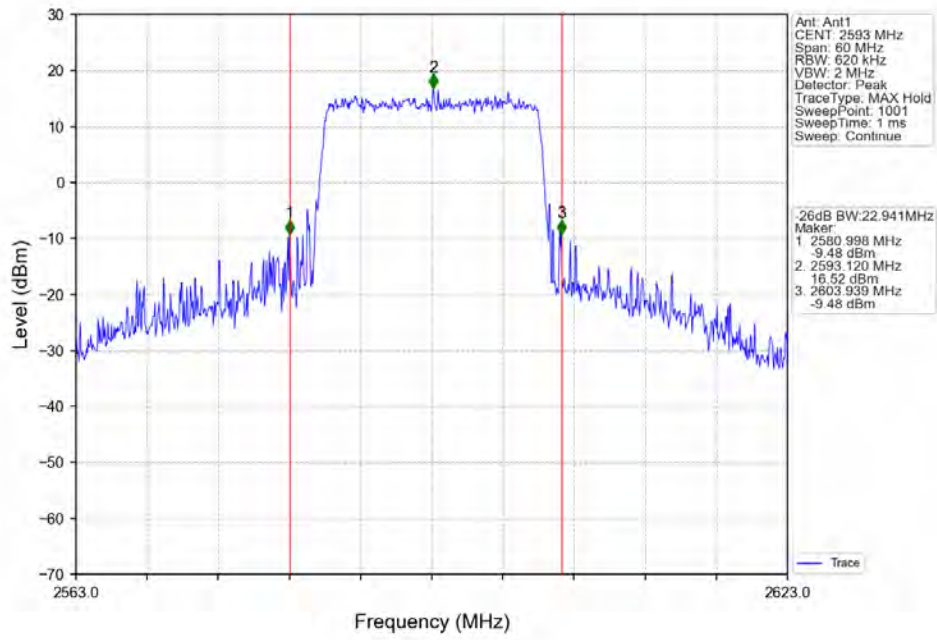
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTN



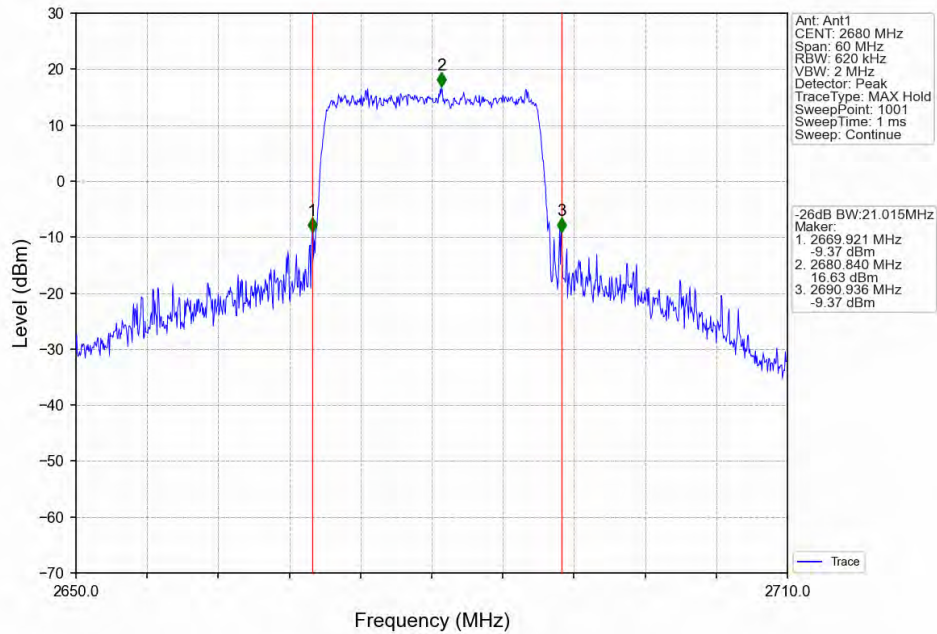
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTN



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



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



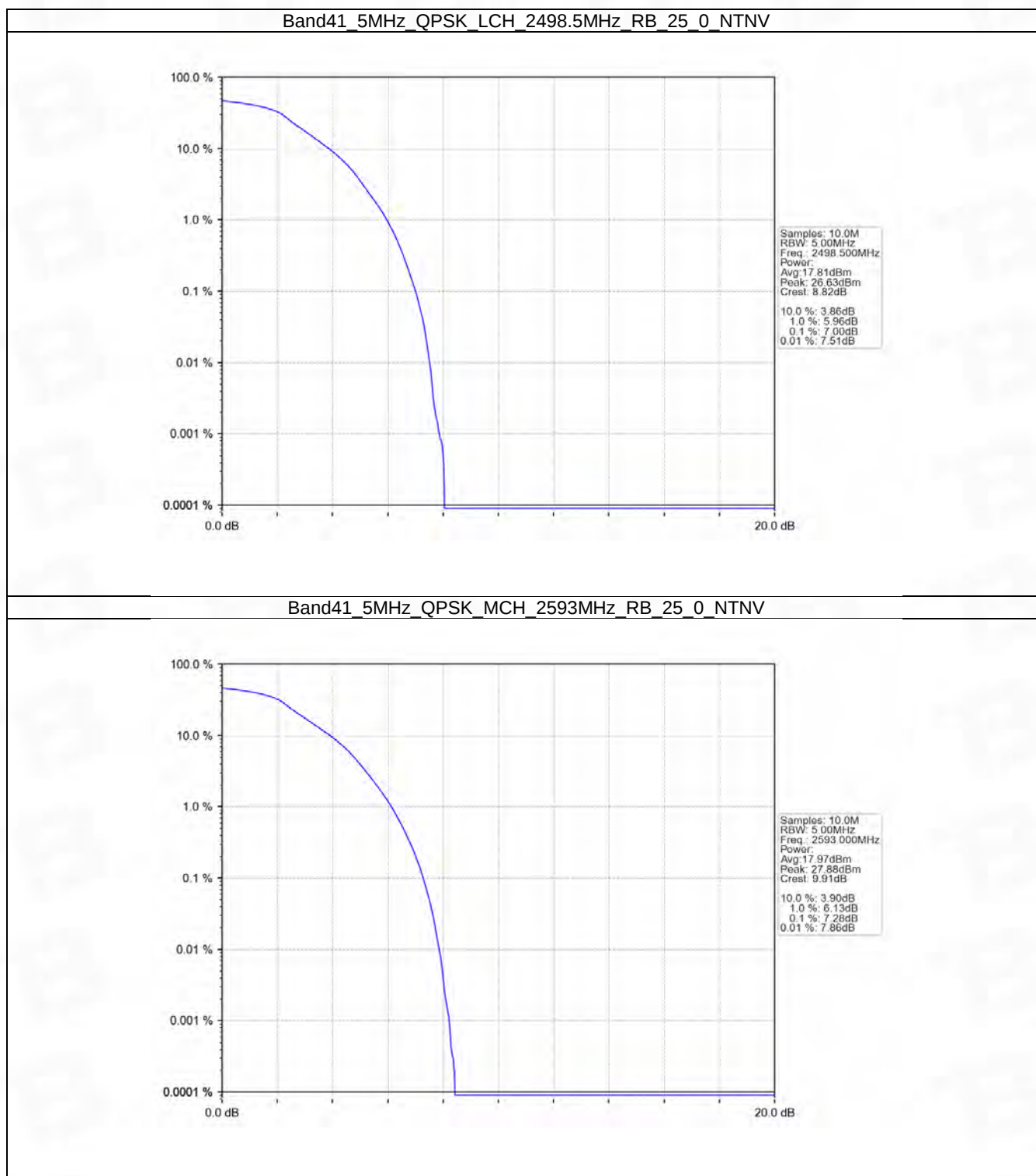
5. Peak-Average Ratio

5.1 B41_5MHz

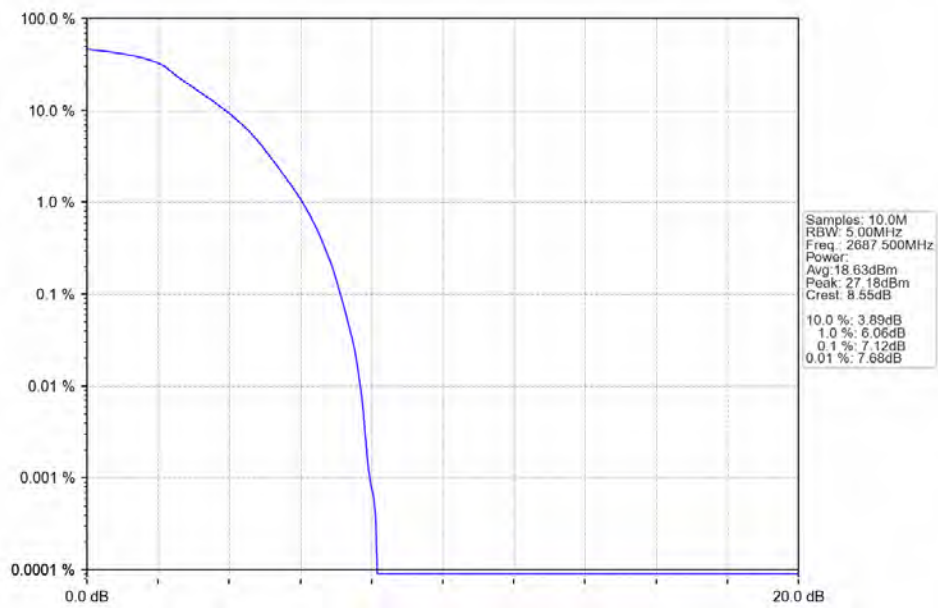
5.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.00	<=13	Pass
	2593	25	0	7.28	<=13	Pass
	2687.5	25	0	7.12	<=13	Pass
16QAM	2498.5	25	0	7.60	<=13	Pass
	2593	25	0	7.90	<=13	Pass
	2687.5	25	0	7.69	<=13	Pass

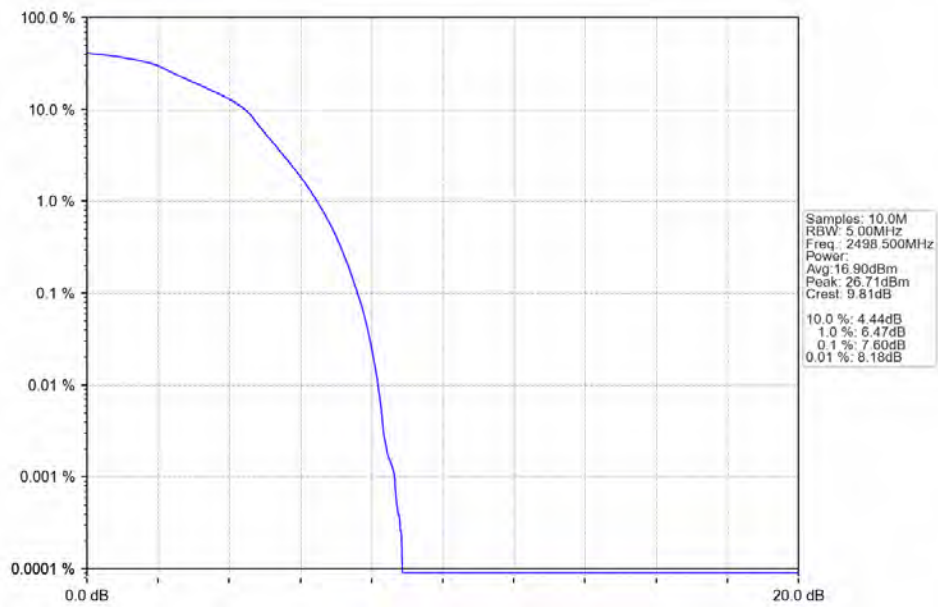
5.1.2 Test Graph



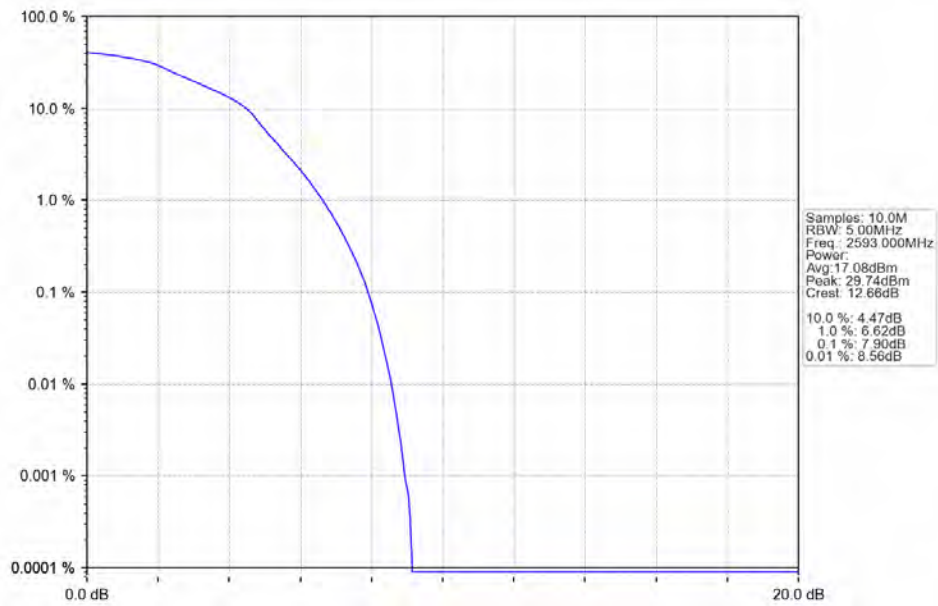
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



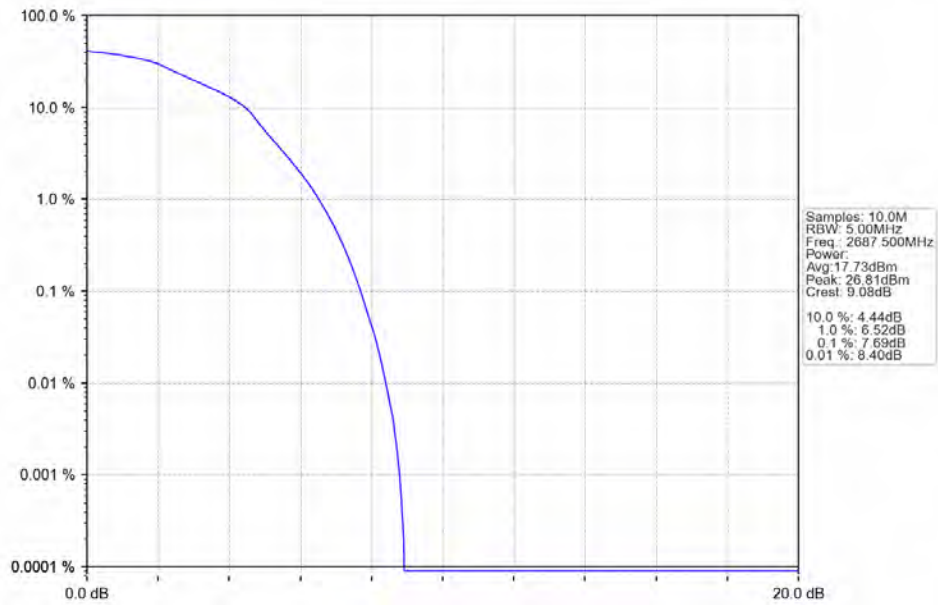
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTNV



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



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

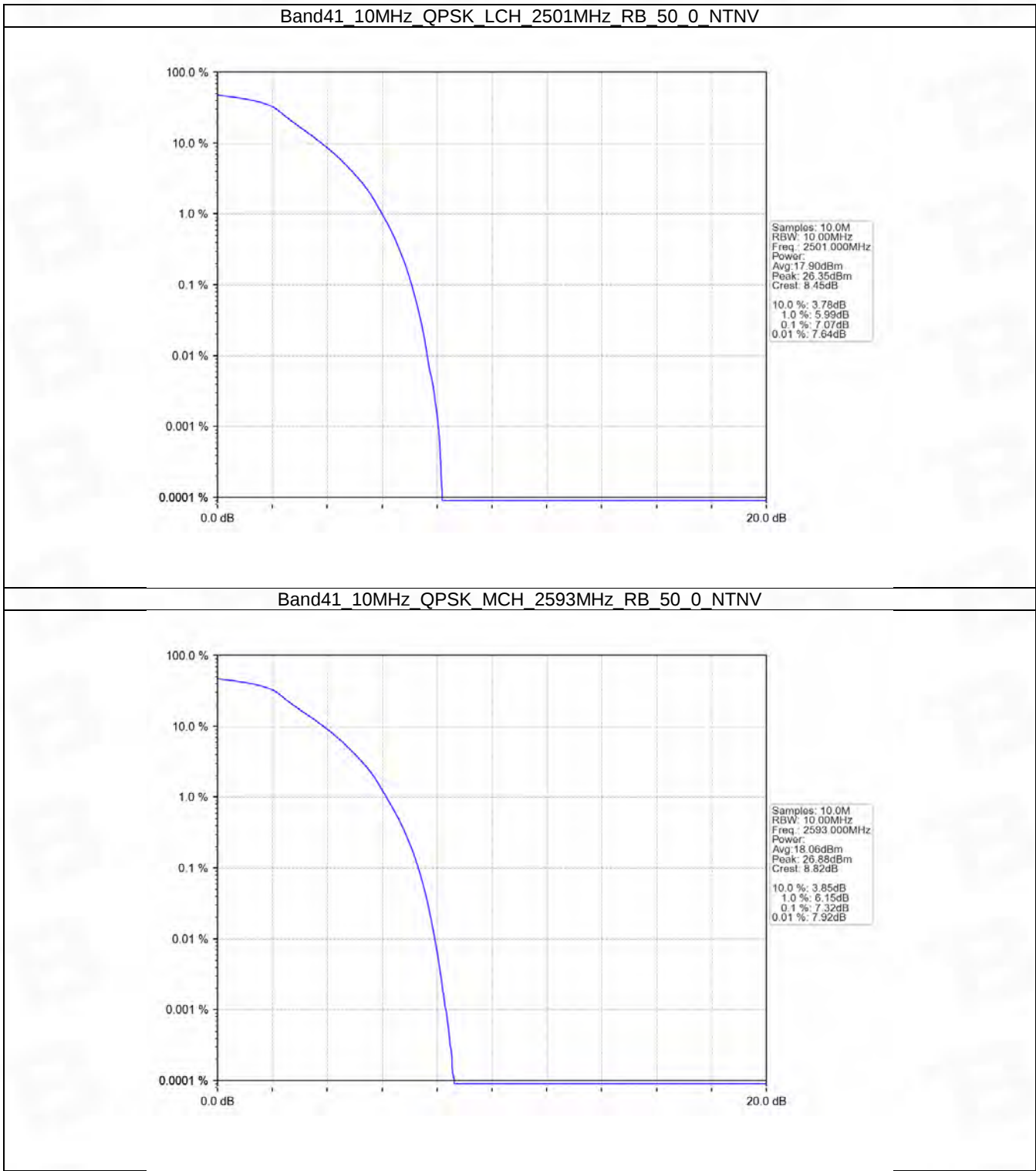


5.2 B41_10MHz

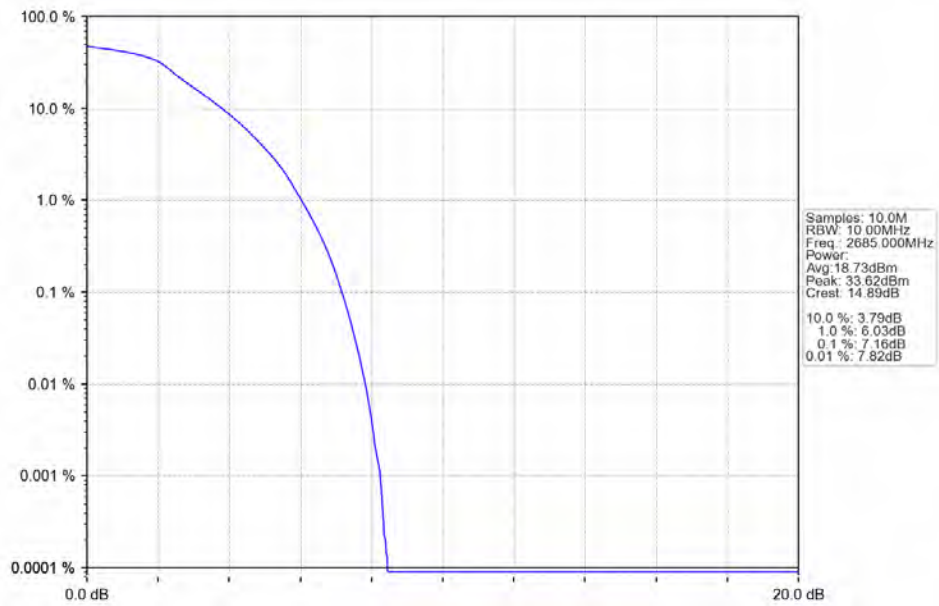
5.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.07	<=13	Pass
	2593	50	0	7.32	<=13	Pass
	2685	50	0	7.16	<=13	Pass
16QAM	2501	50	0	7.81	<=13	Pass
	2593	50	0	7.94	<=13	Pass
	2685	50	0	7.78	<=13	Pass

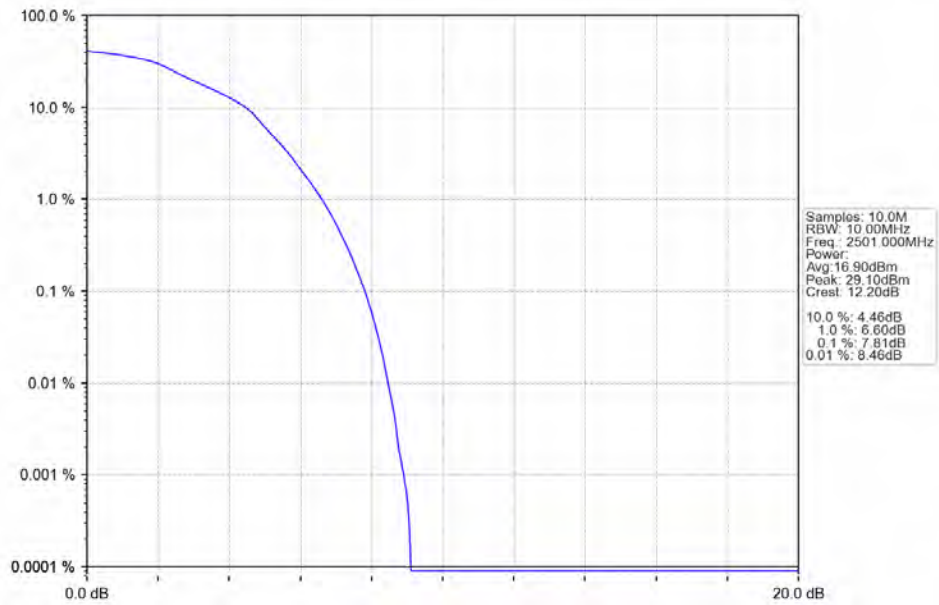
5.2.2 Test Graph



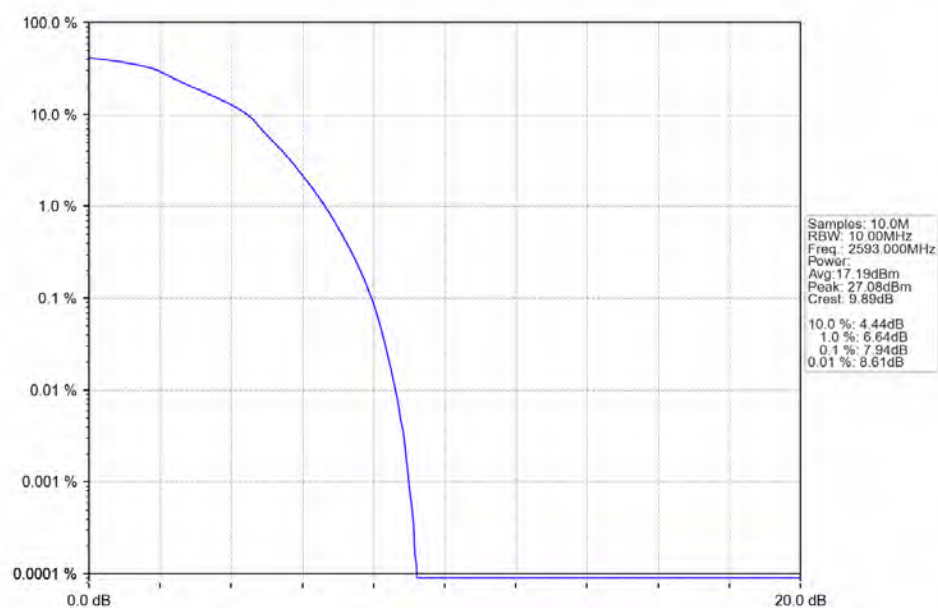
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTNV



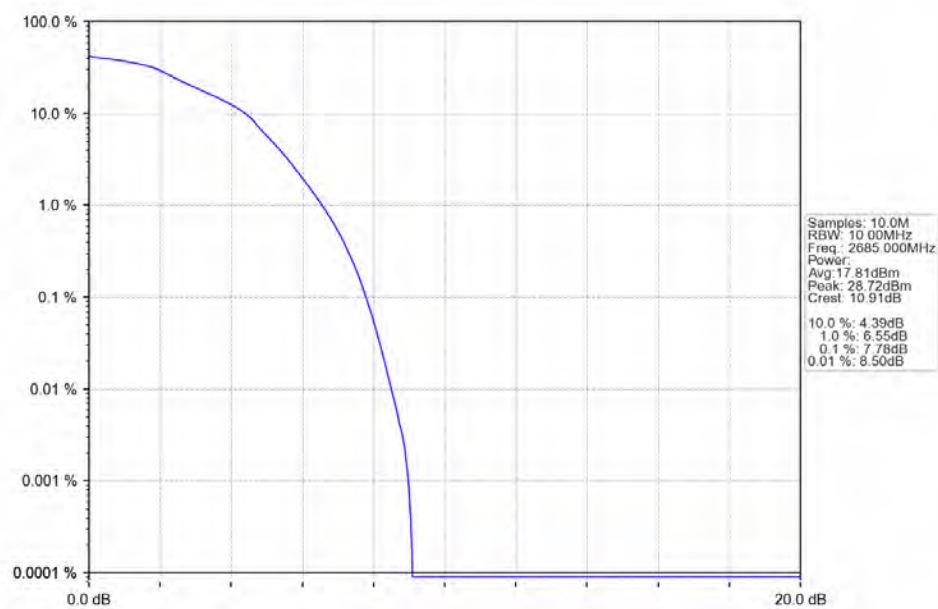
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTNV



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



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

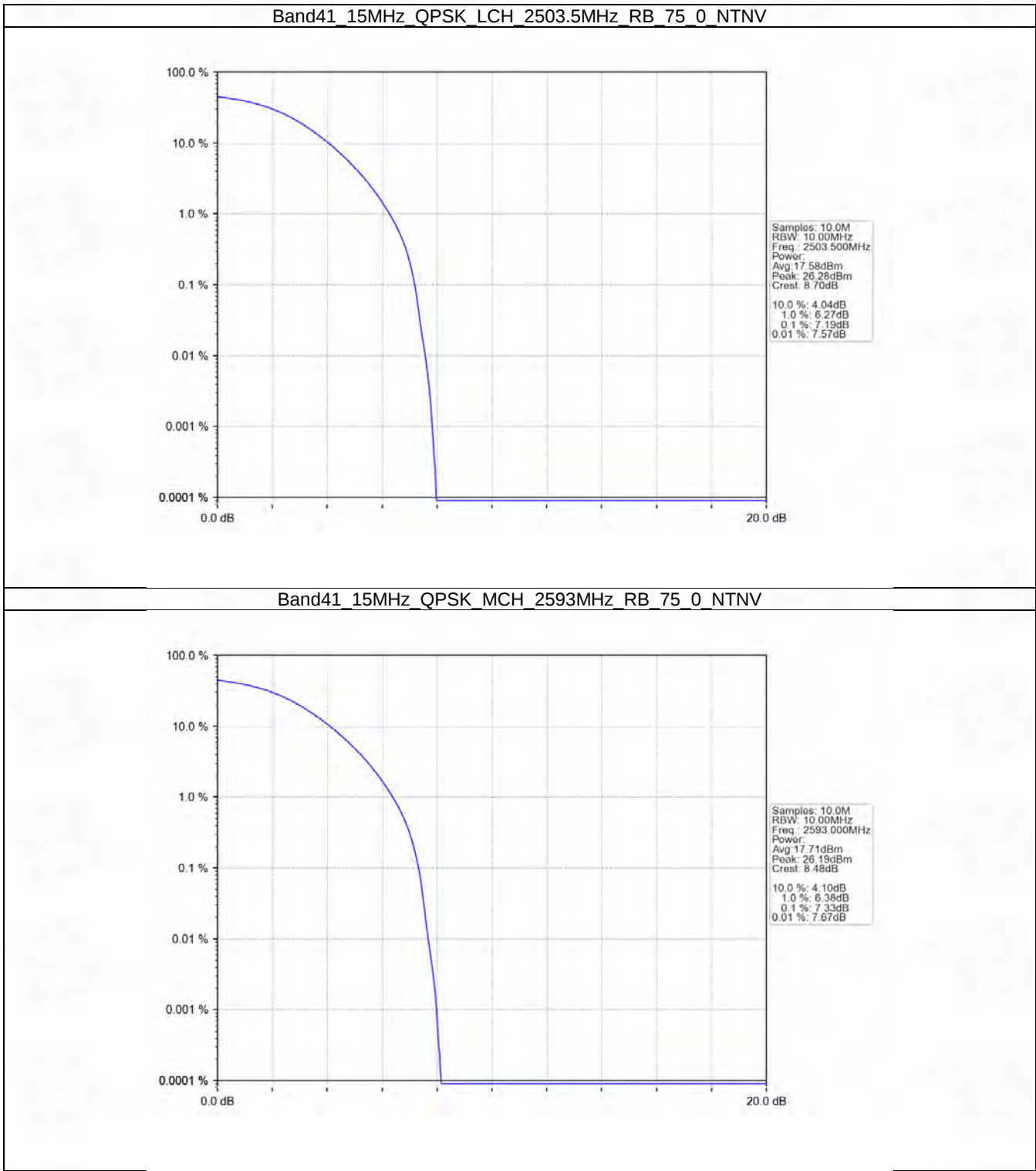


5.3 B41_15MHz

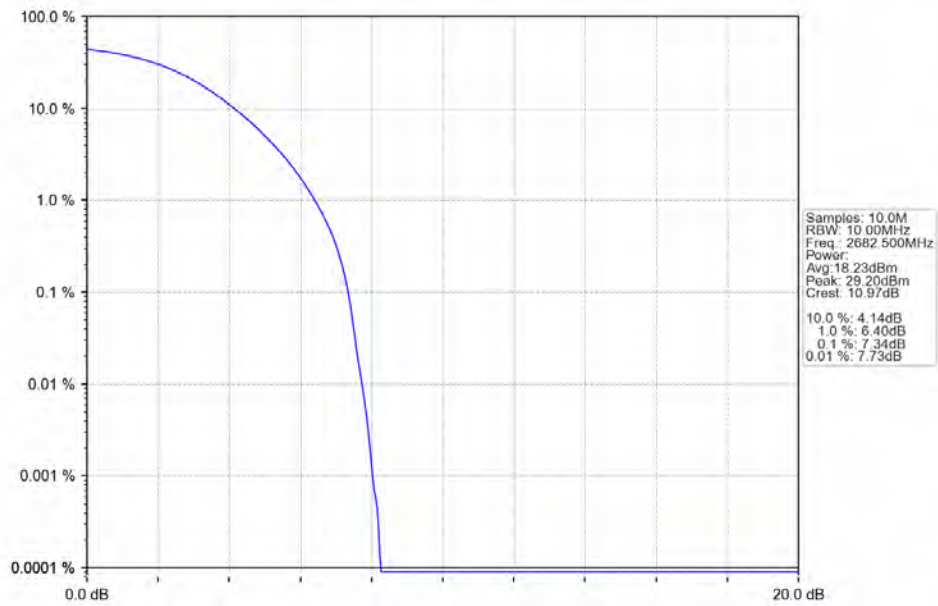
5.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	7.19	<=13	Pass
	2593	75	0	7.33	<=13	Pass
	2682.5	75	0	7.34	<=13	Pass
16QAM	2503.5	75	0	7.96	<=13	Pass
	2593	75	0	8.06	<=13	Pass
	2682.5	75	0	8.02	<=13	Pass

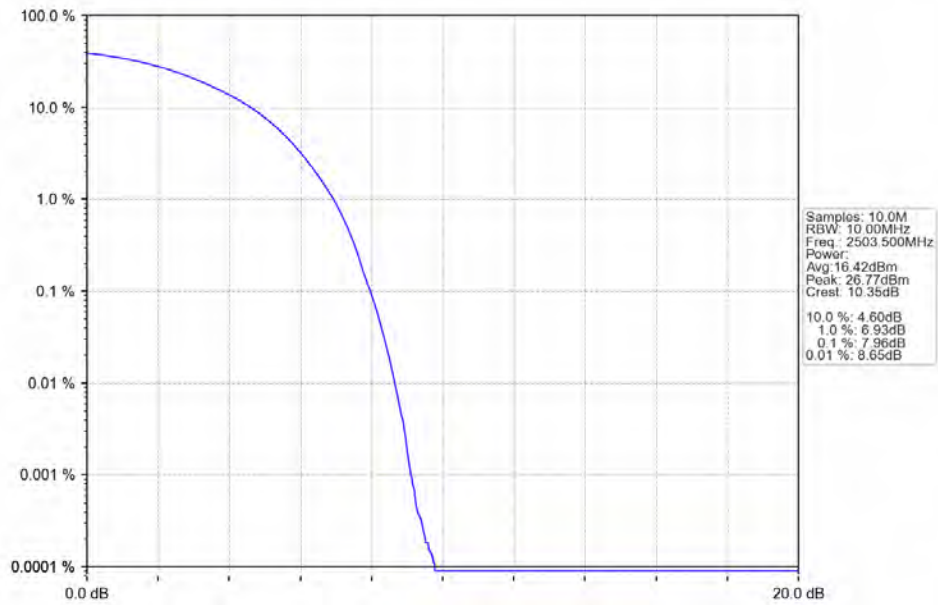
5.3.2 Test Graph



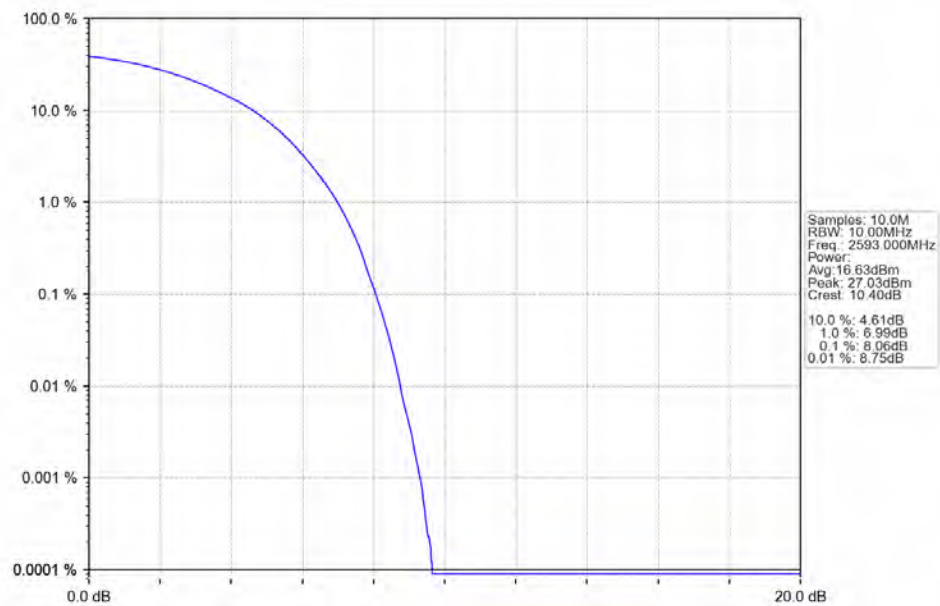
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTNV



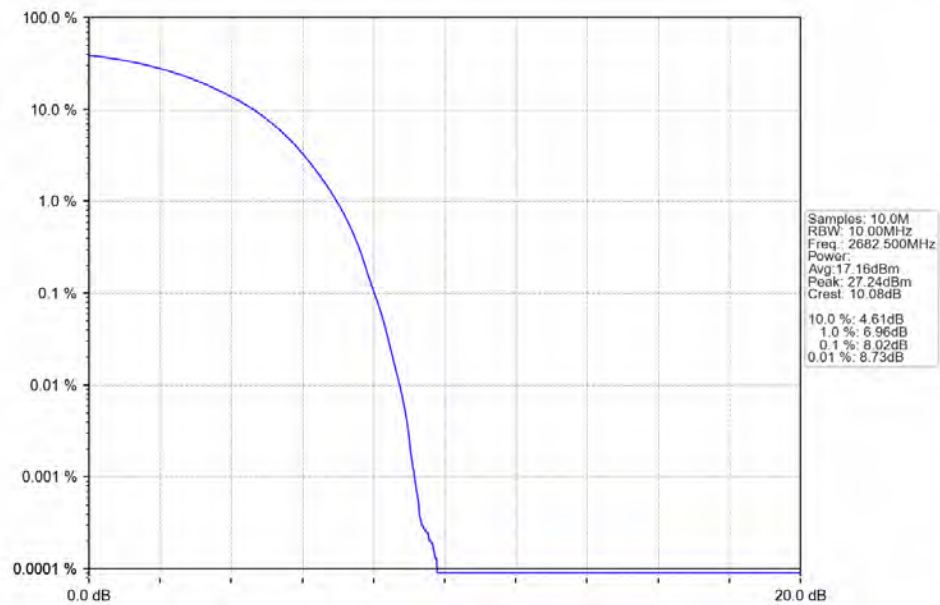
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTNV



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



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

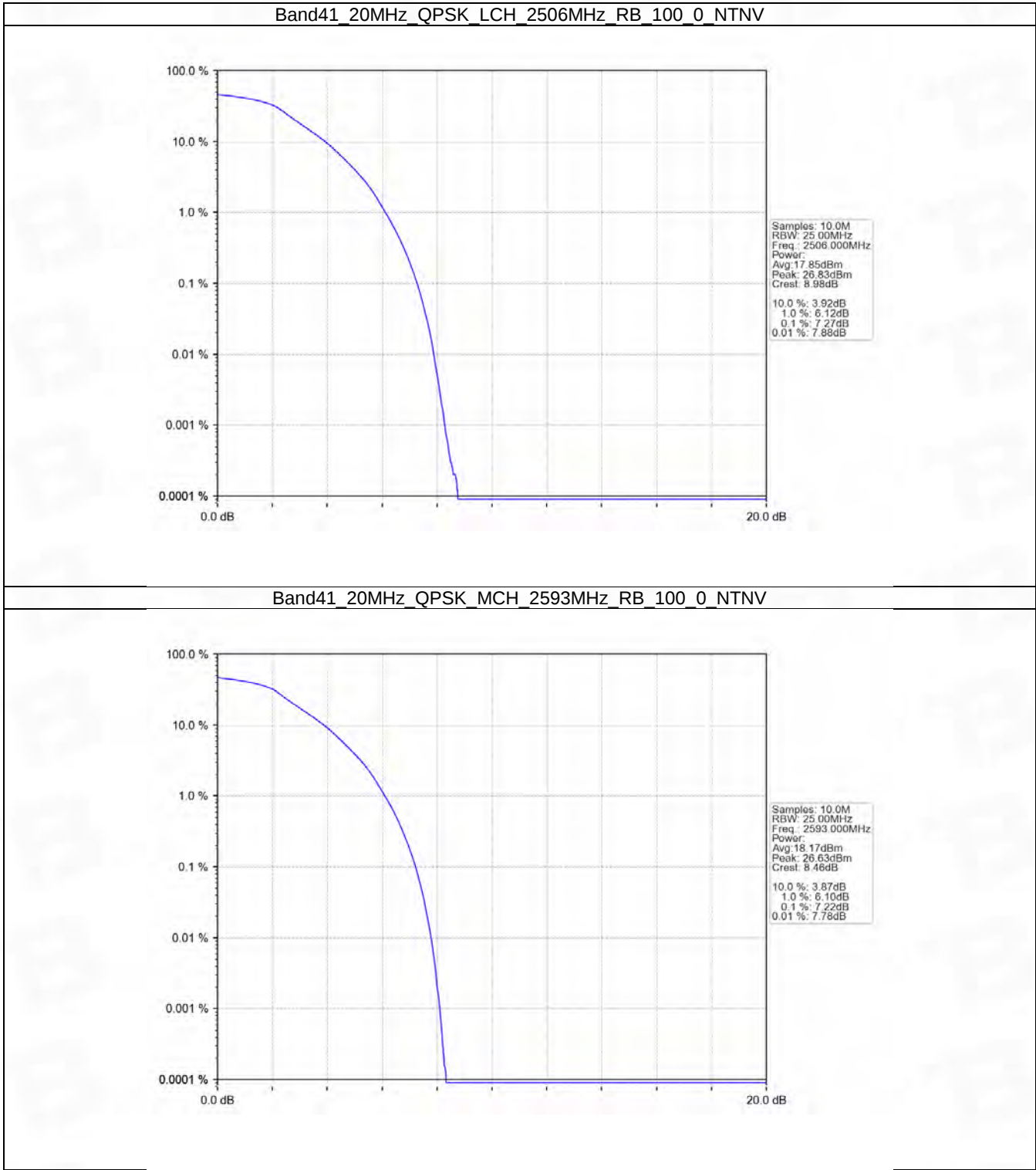


5.4 B41_20MHz

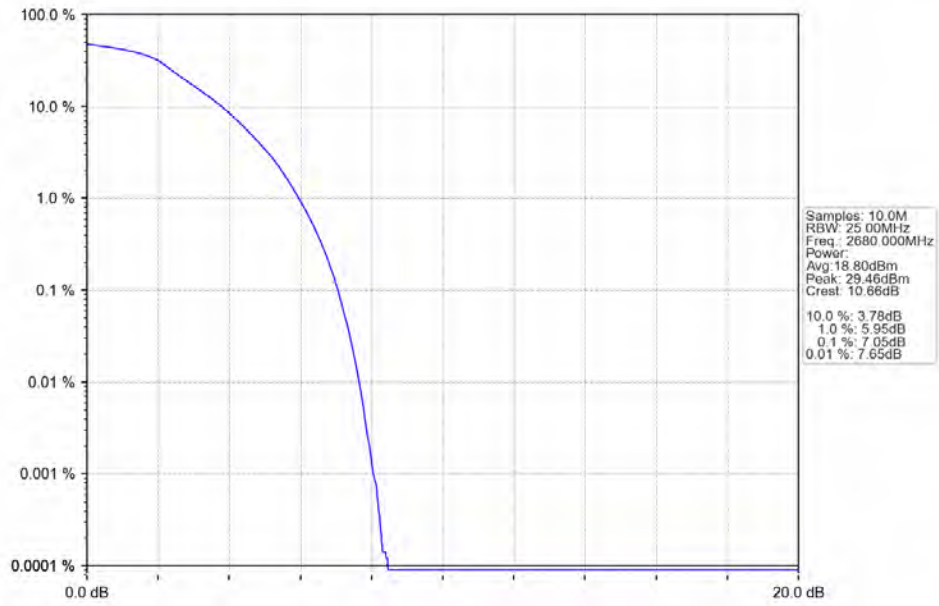
5.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.27	<=13	Pass
	2593	100	0	7.22	<=13	Pass
	2680	100	0	7.05	<=13	Pass
16QAM	2506	100	0	7.78	<=13	Pass
	2593	100	0	7.88	<=13	Pass
	2680	100	0	8.05	<=13	Pass

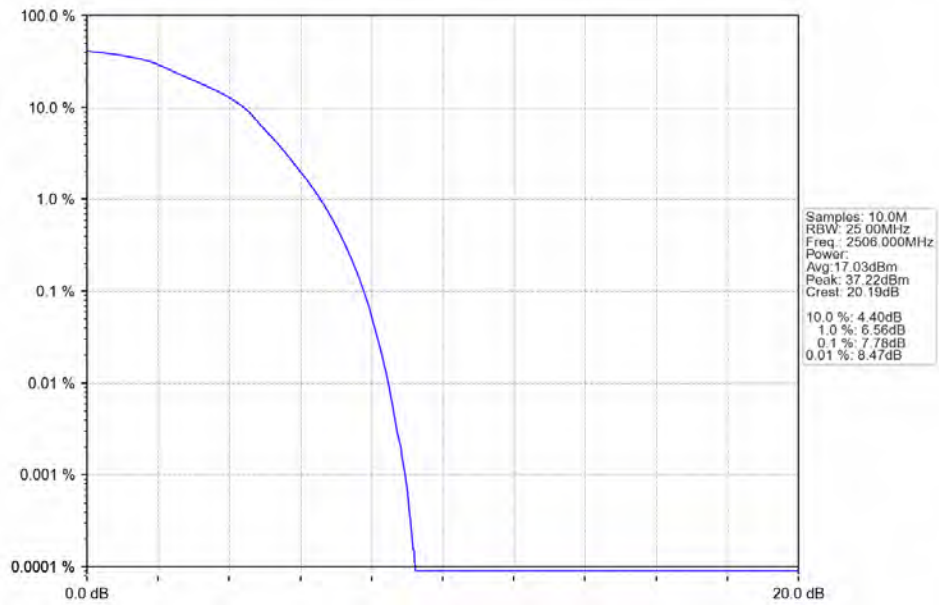
5.4.2 Test Graph



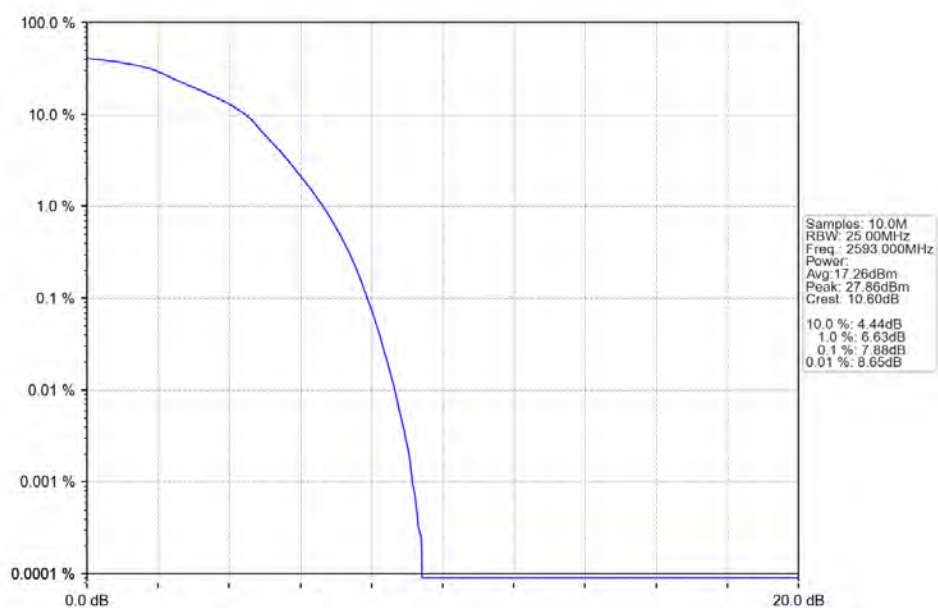
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



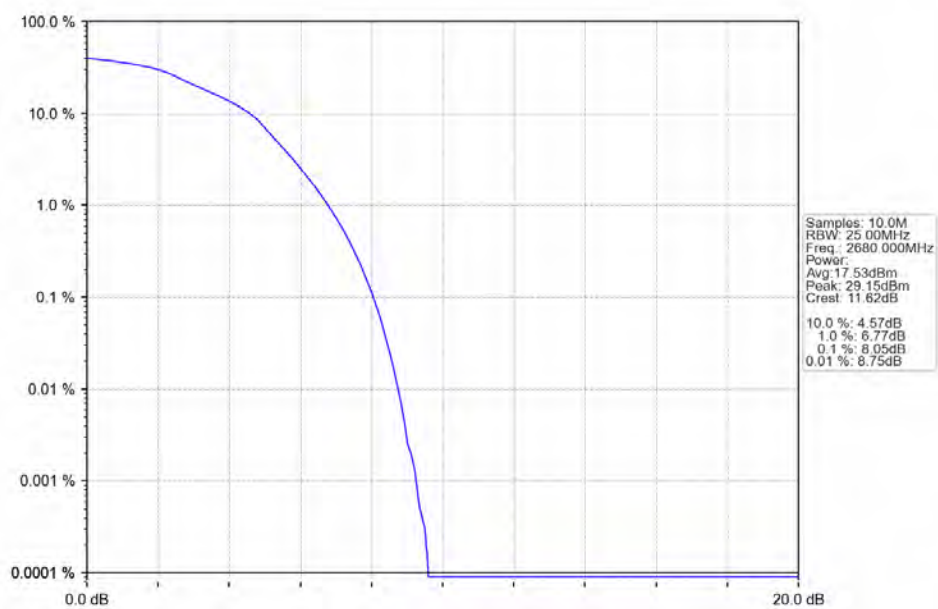
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTNV



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



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



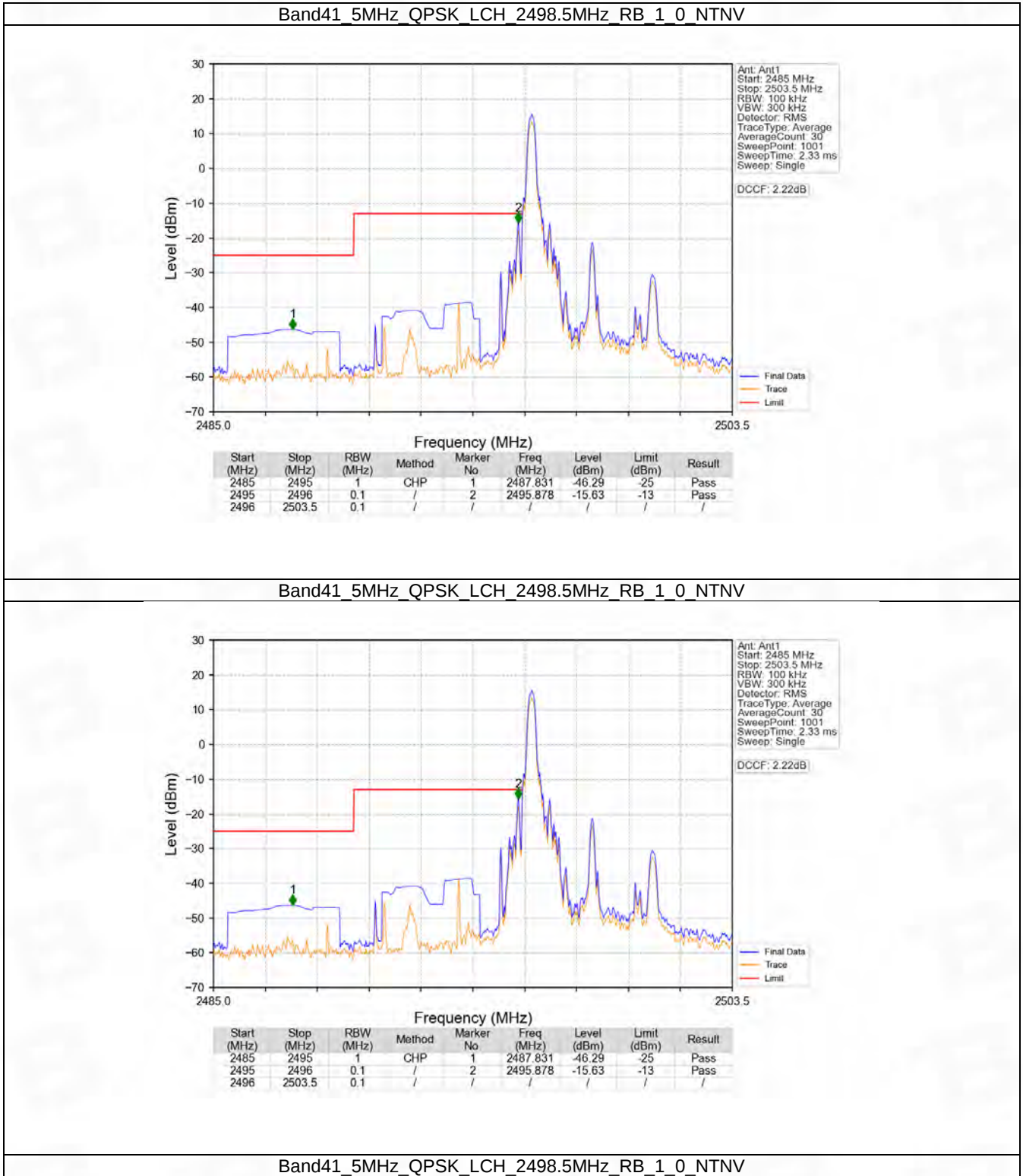
6. Spurious Emission

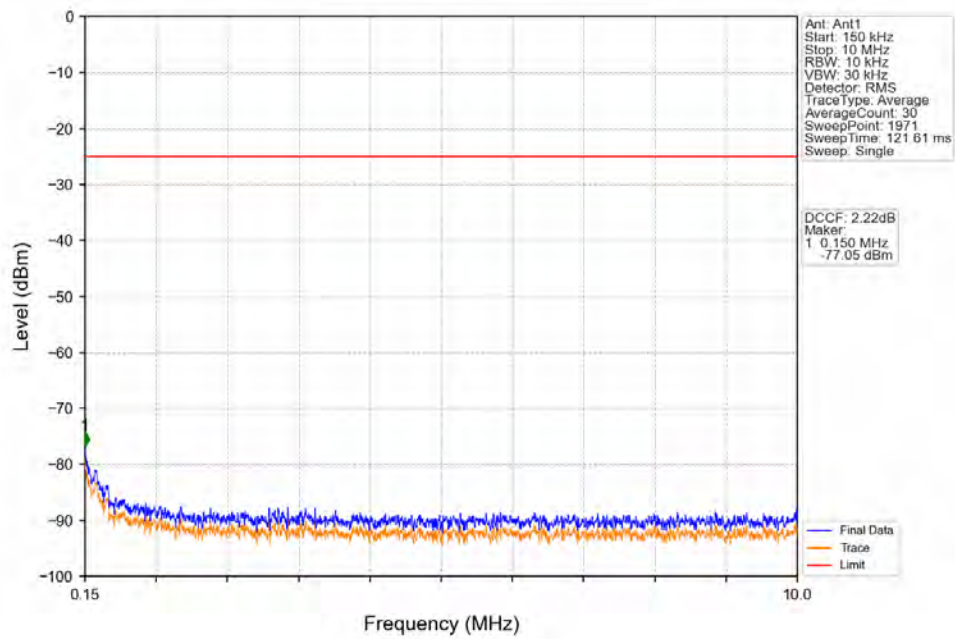
6.1 B41_5MHz

6.1.1 Test Result

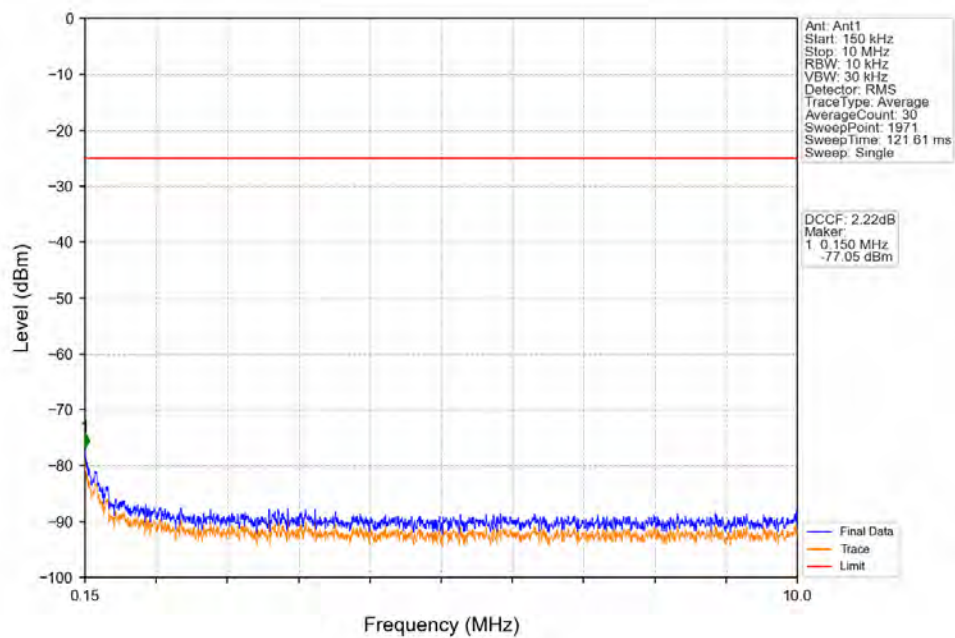
Band: 41 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

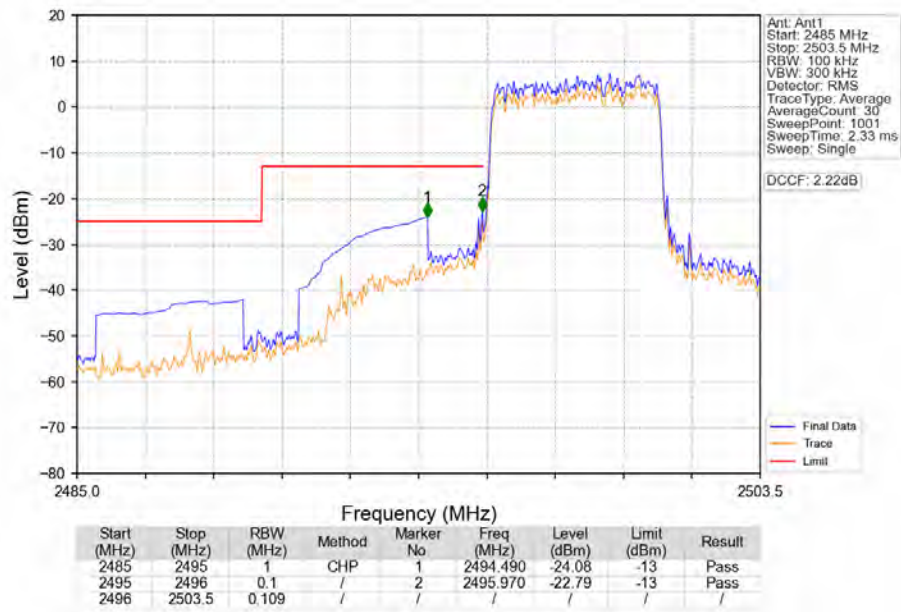




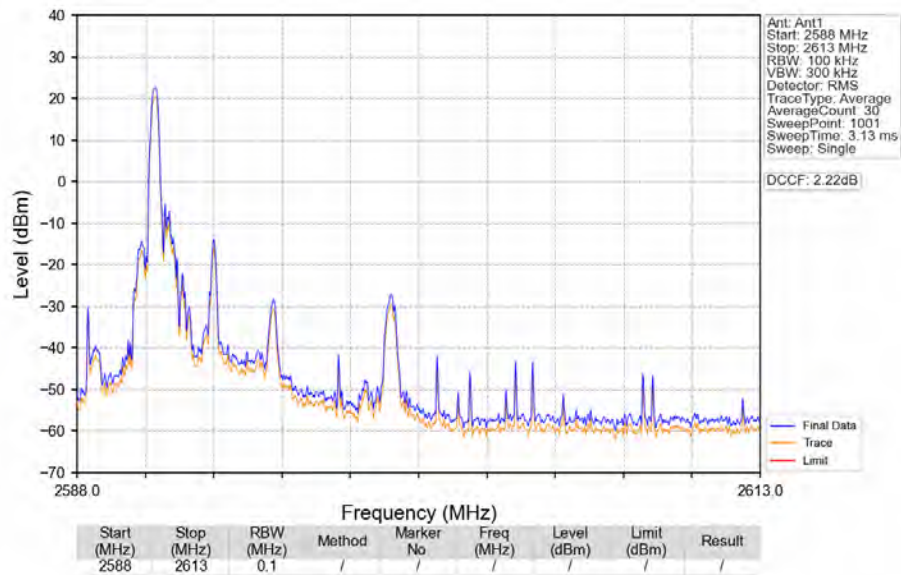
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



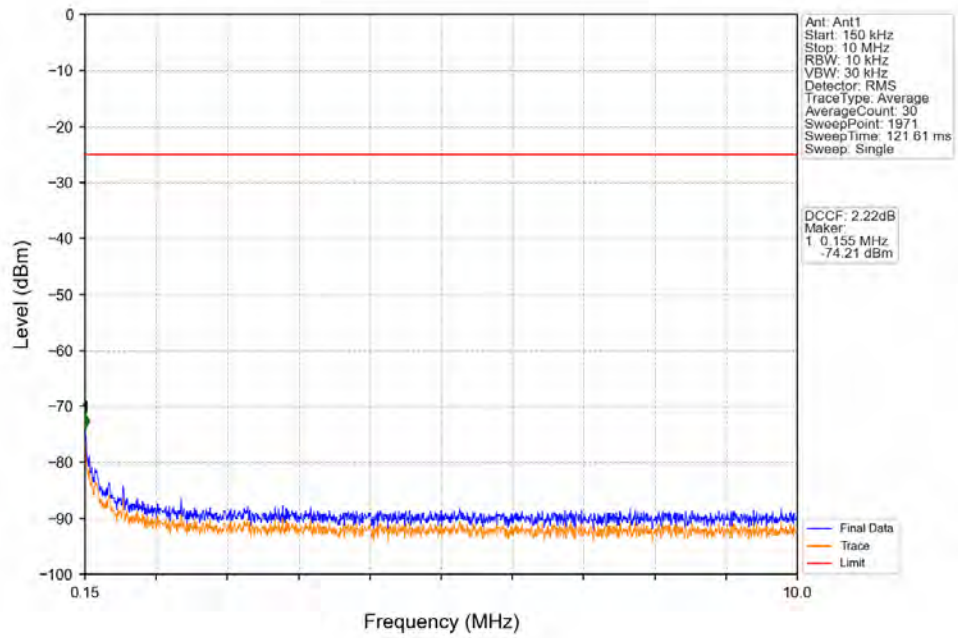
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



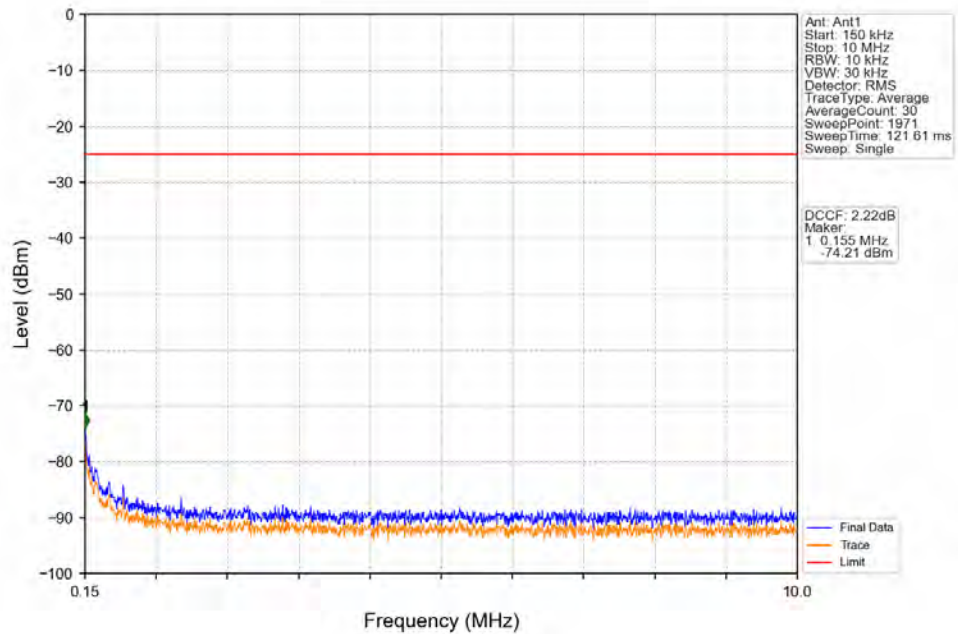
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



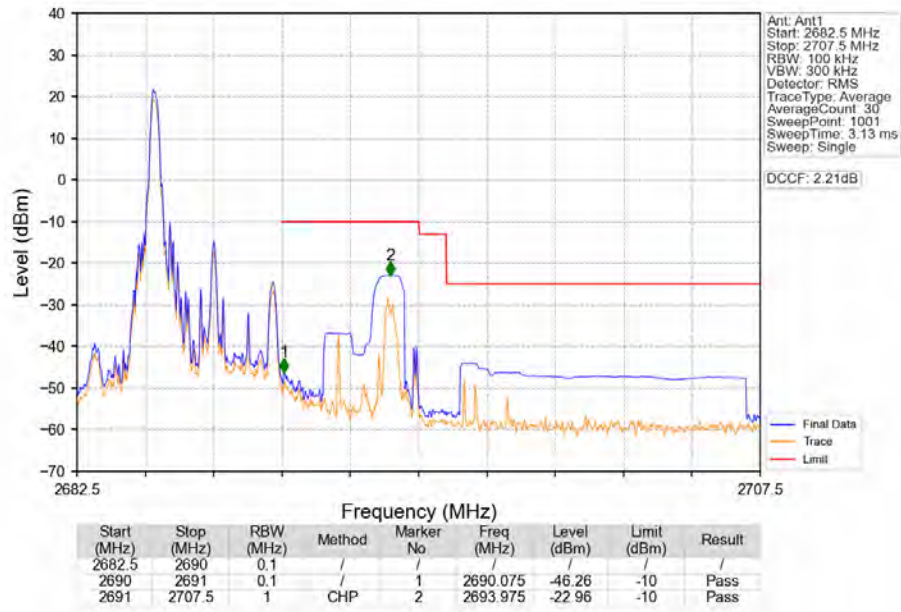
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



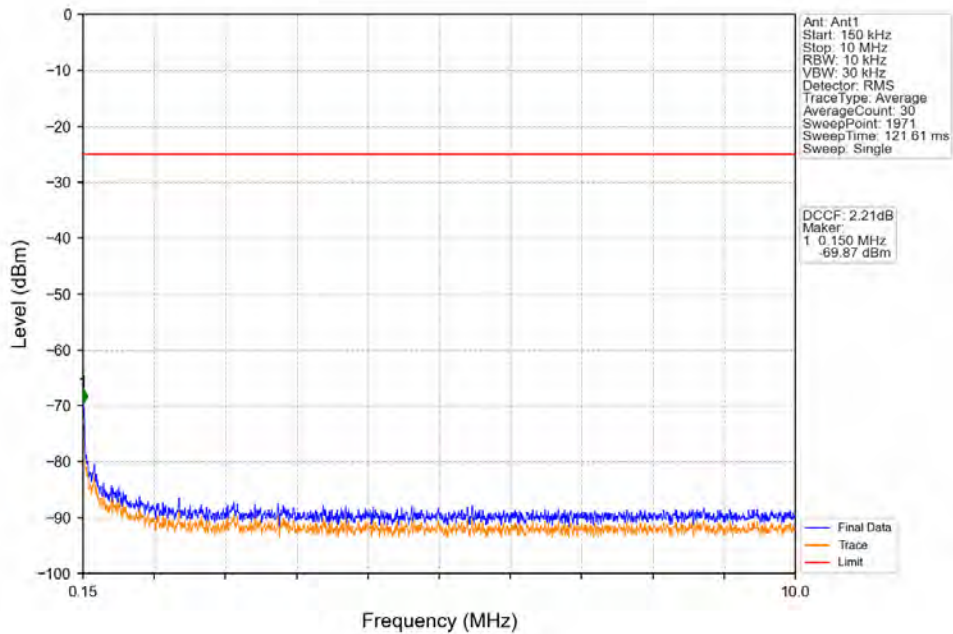
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



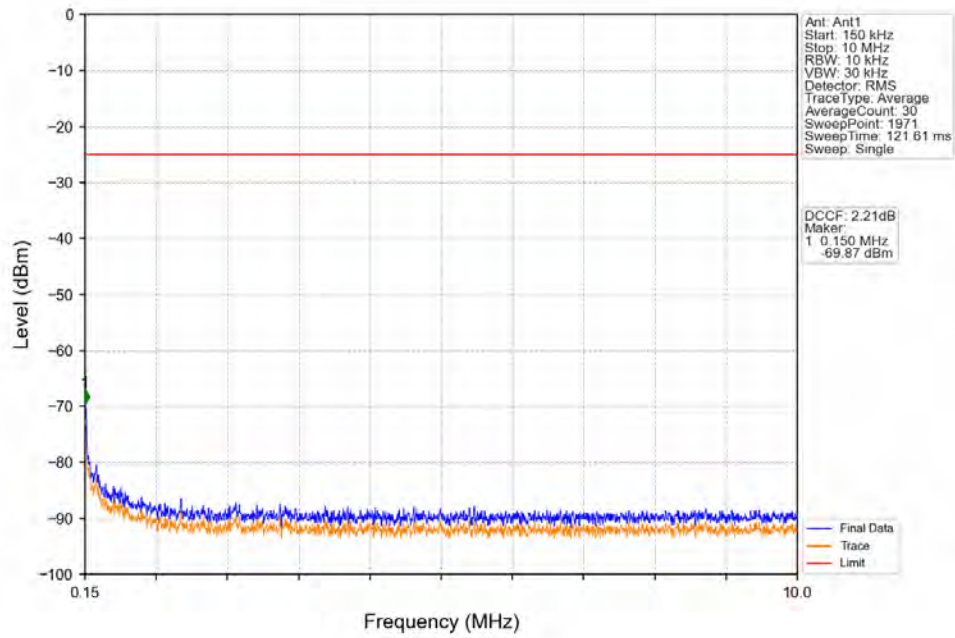
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



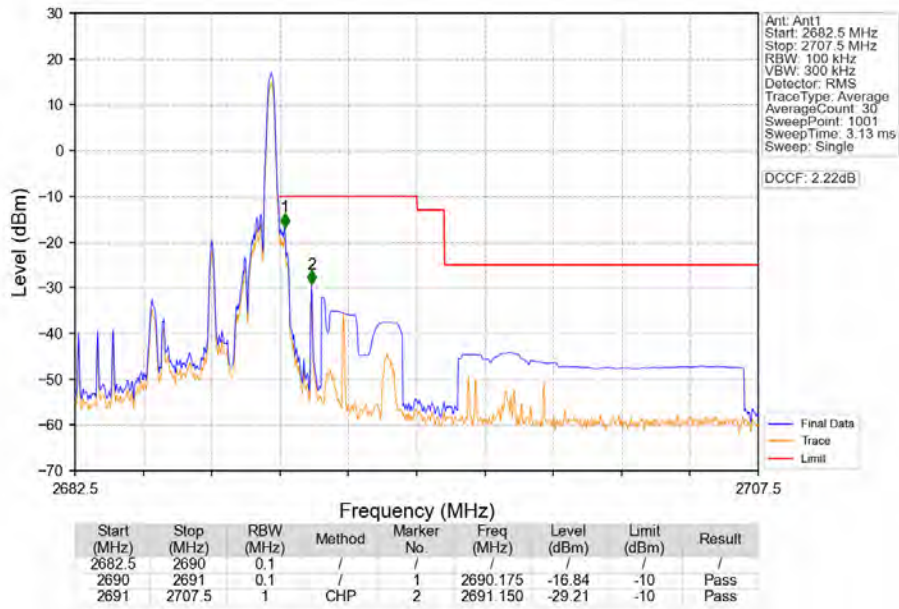
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



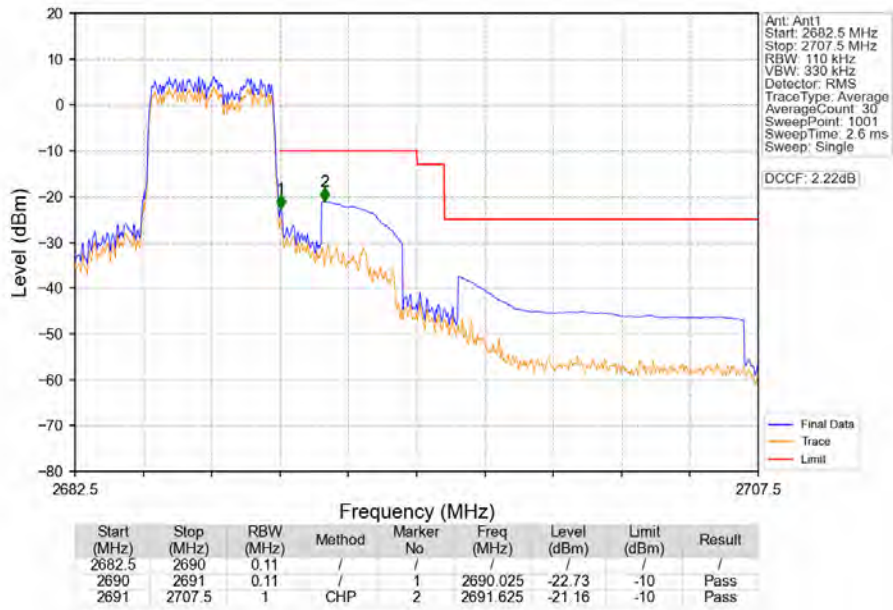
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



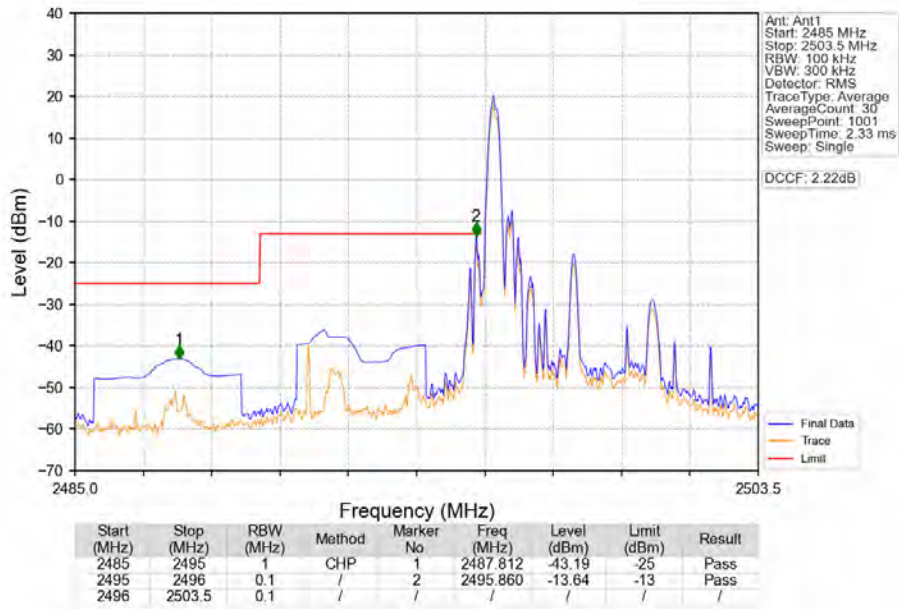
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



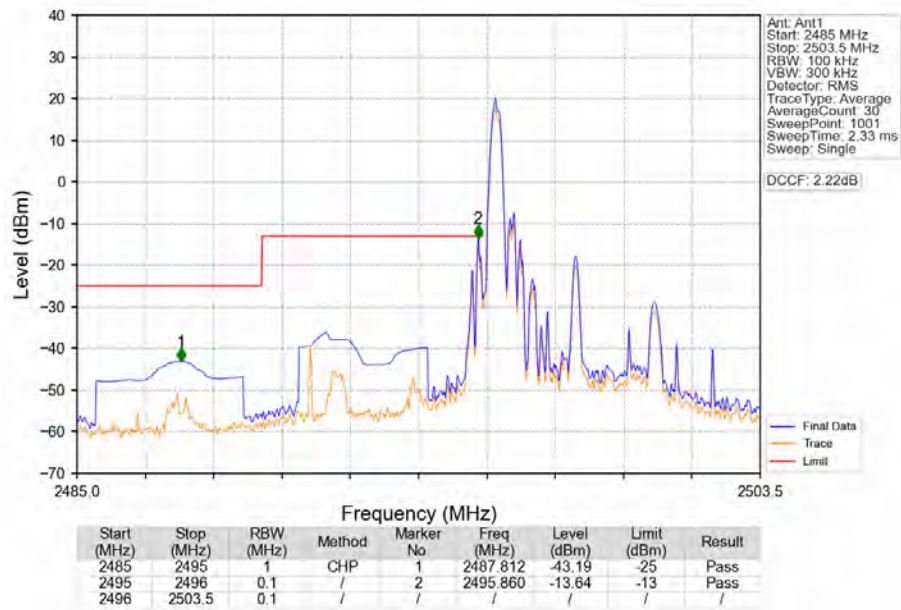
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



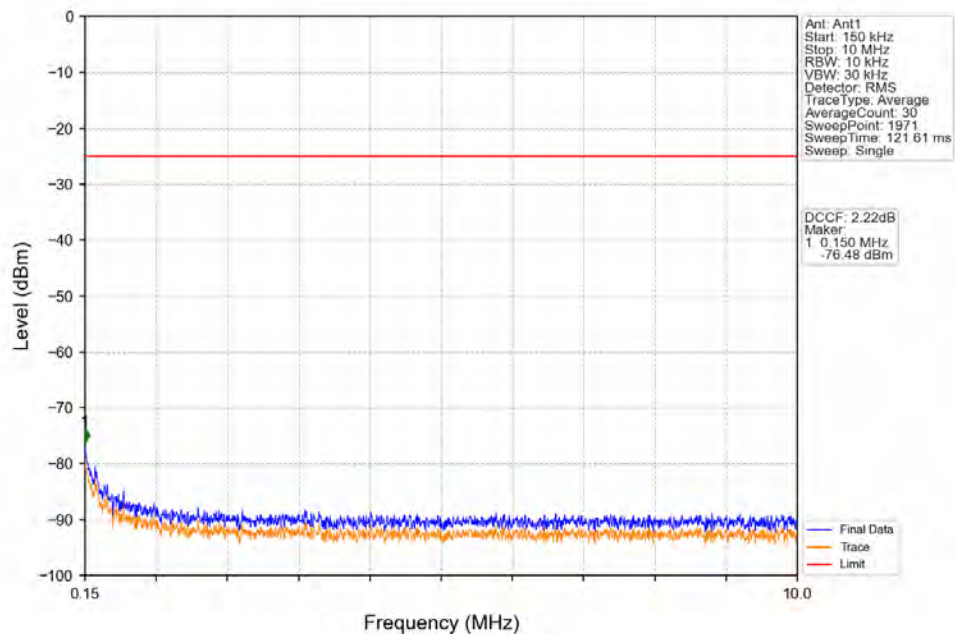
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



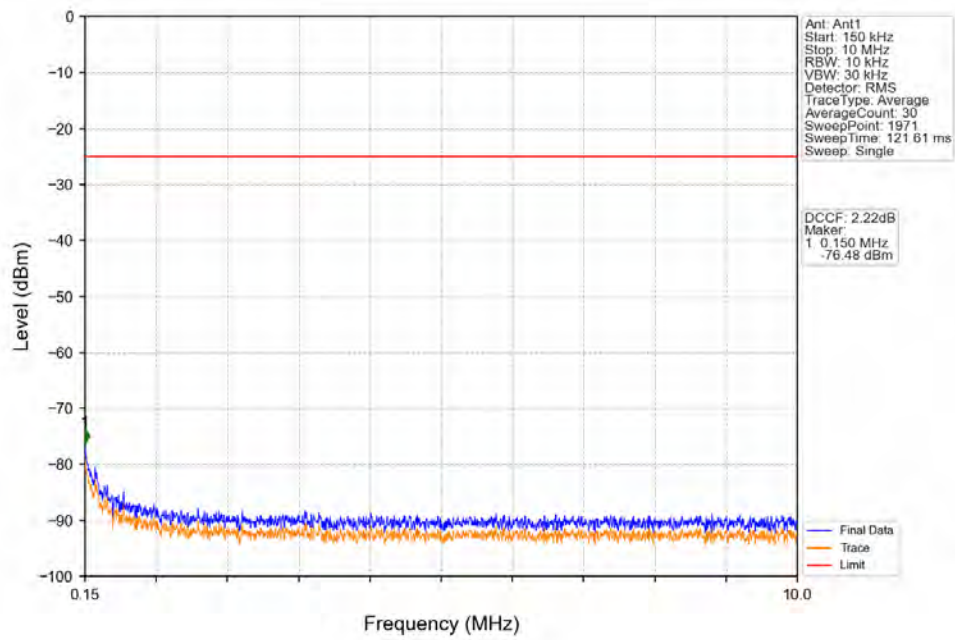
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



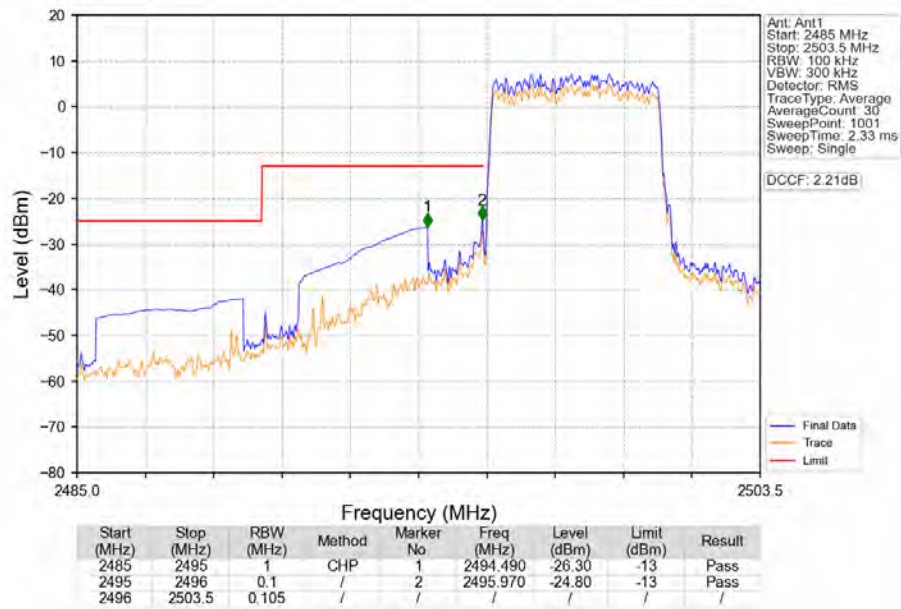
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



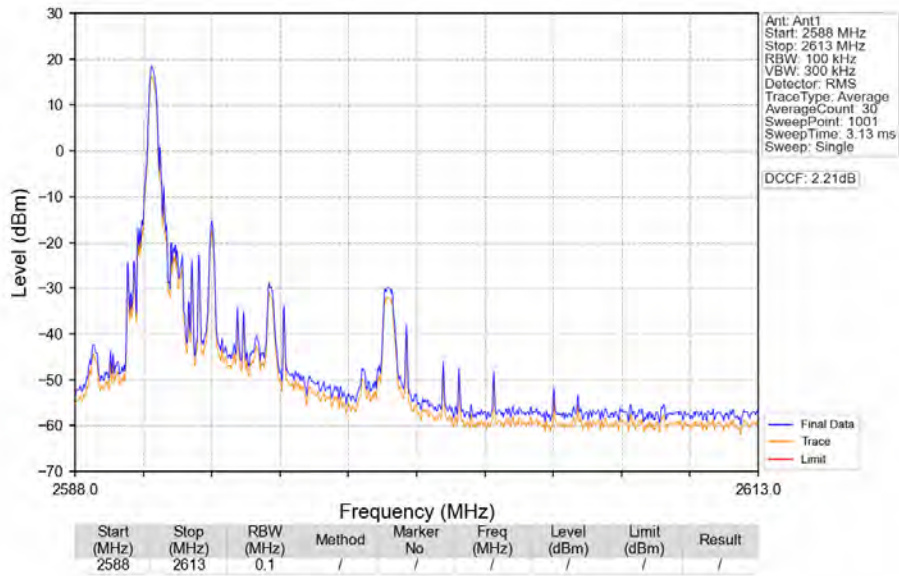
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



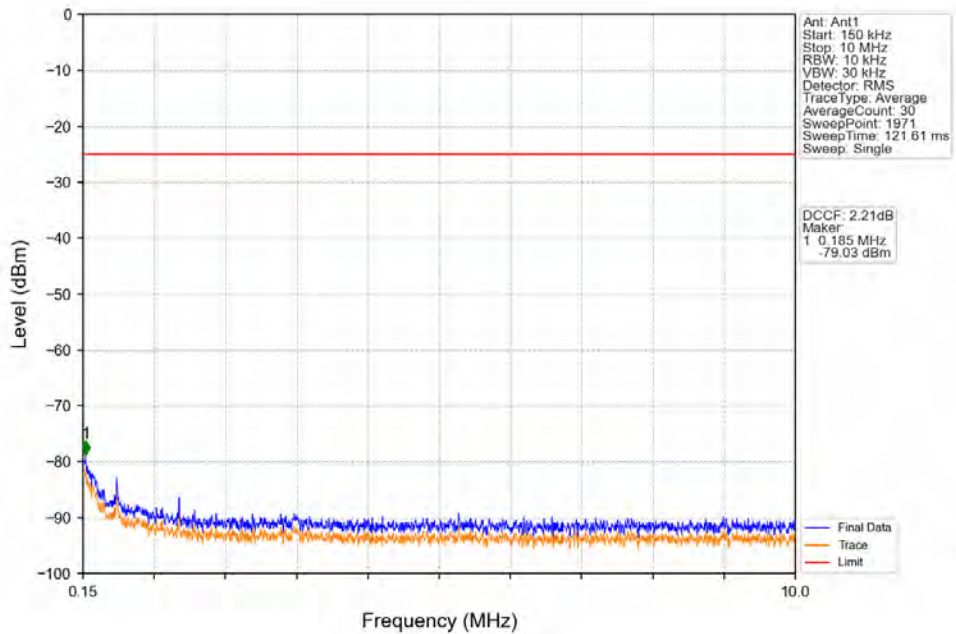
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



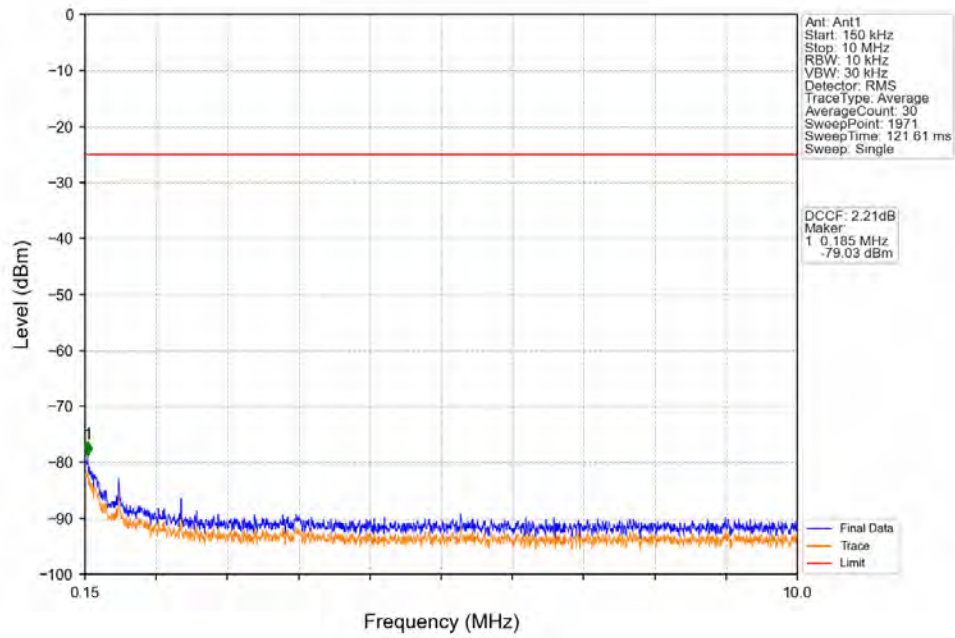
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



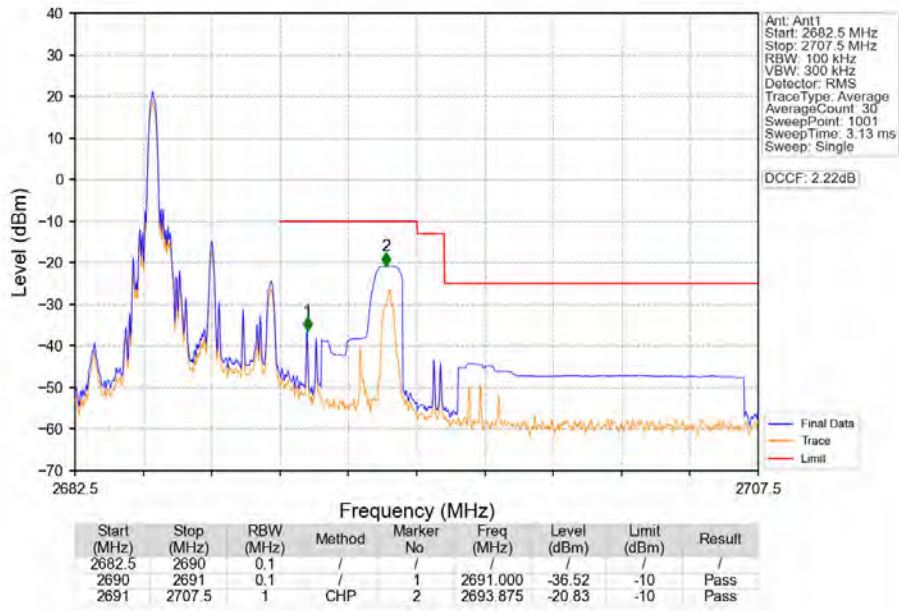
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



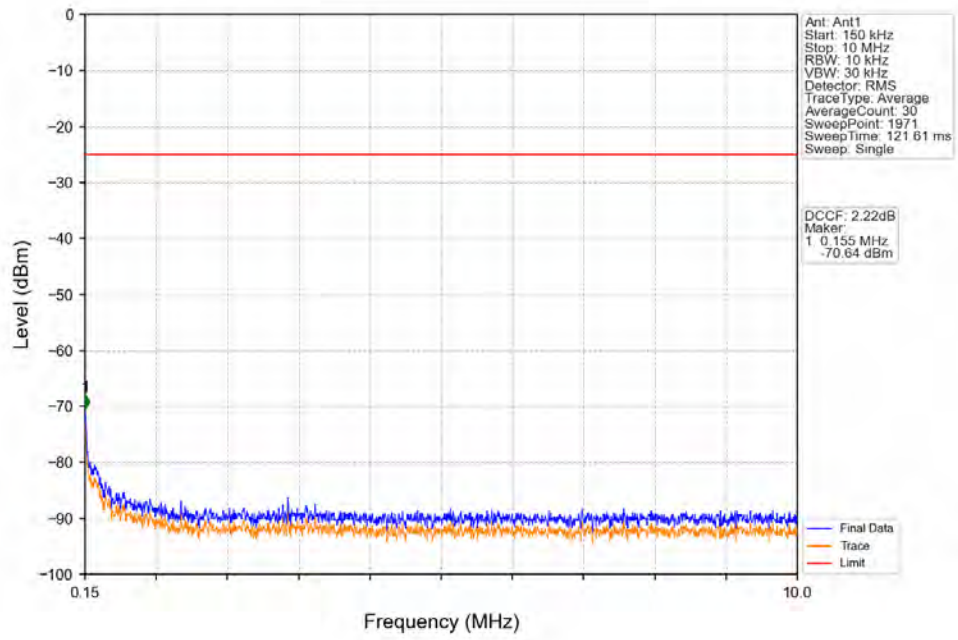
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



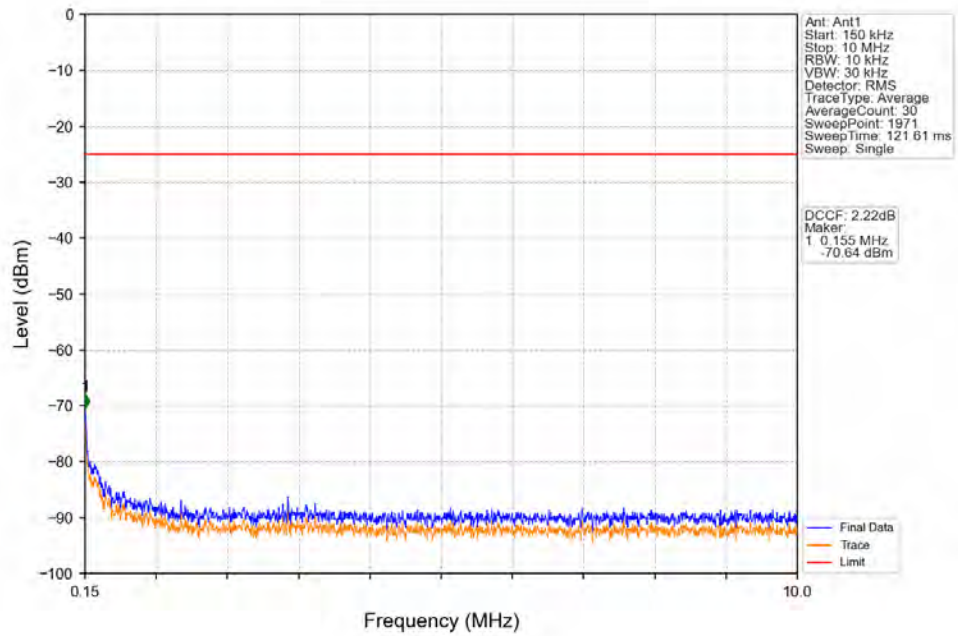
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



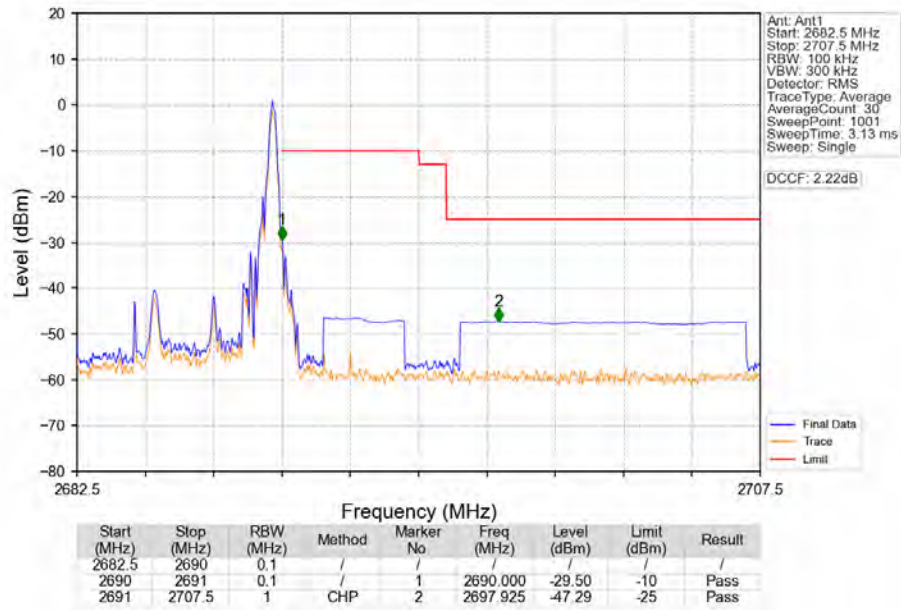
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



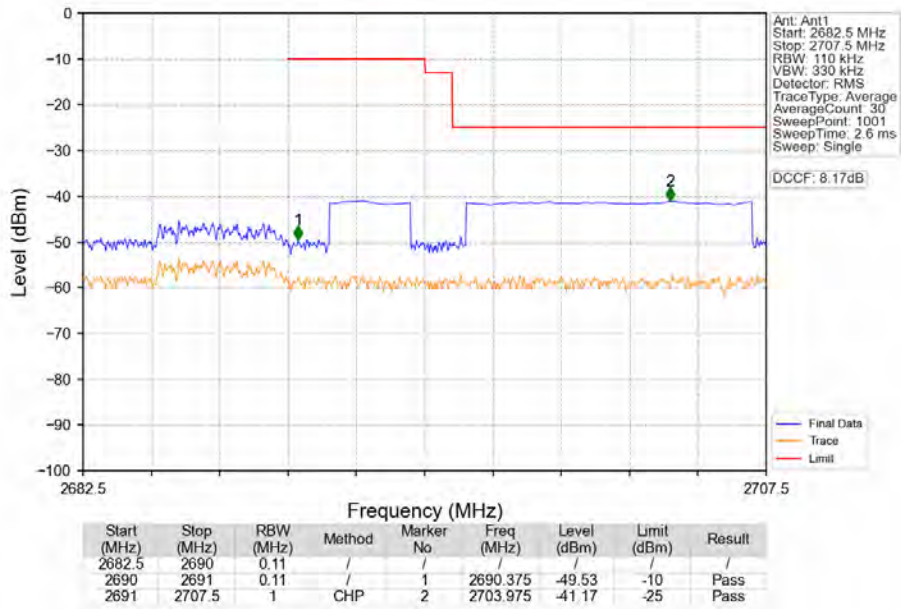
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_24_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV

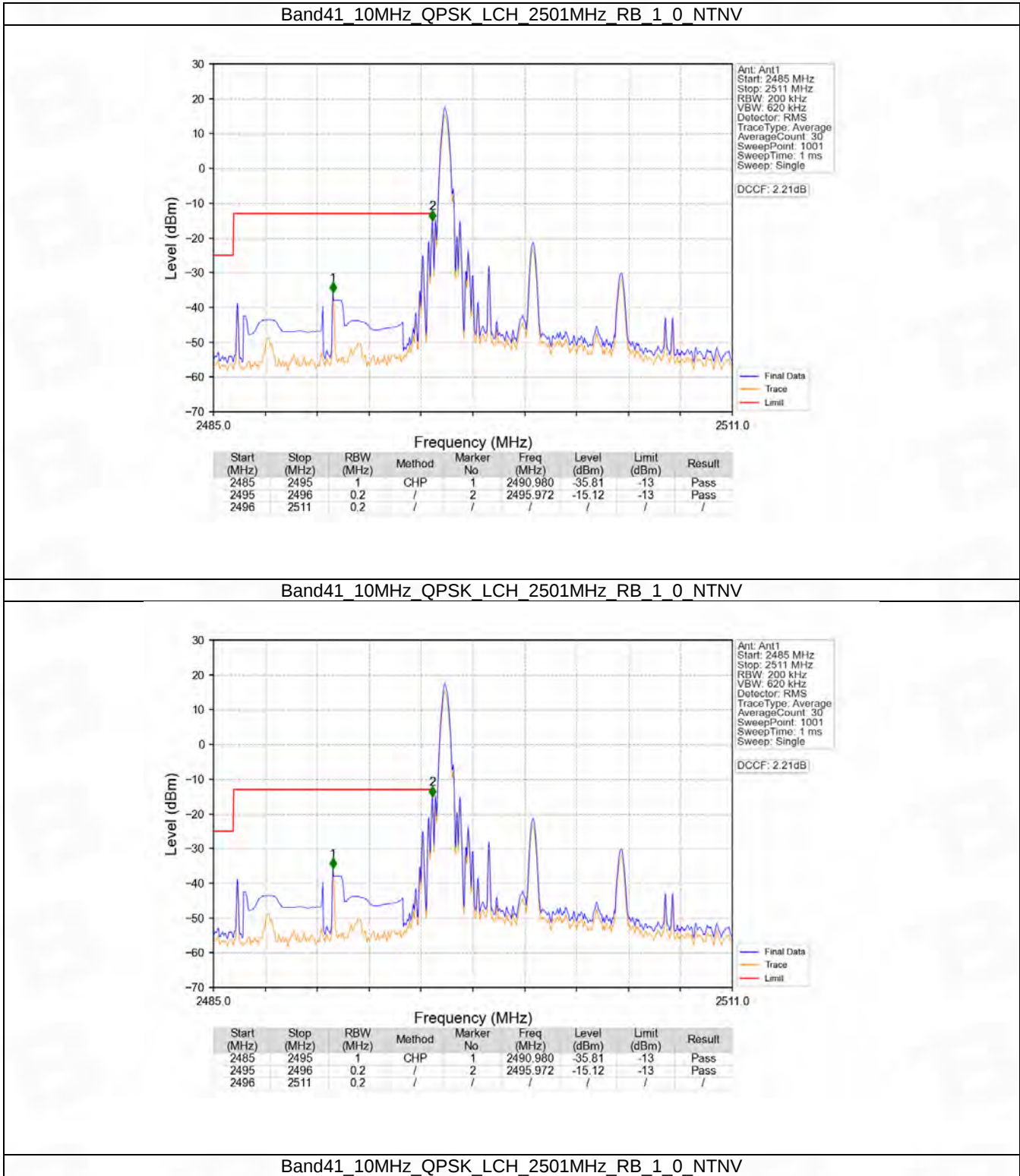


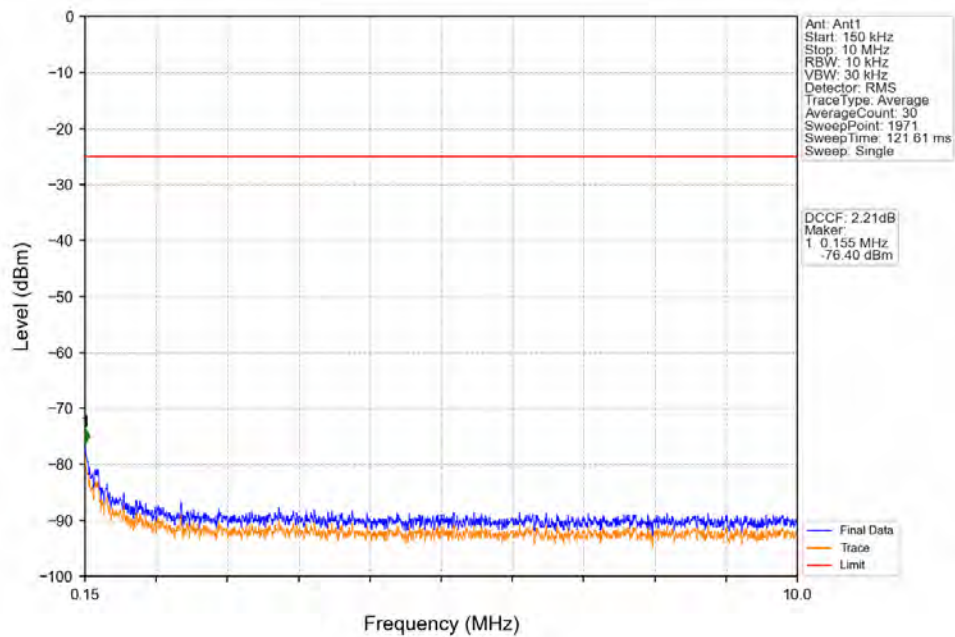
6.2 B41_10MHz

6.2.1 Test Result

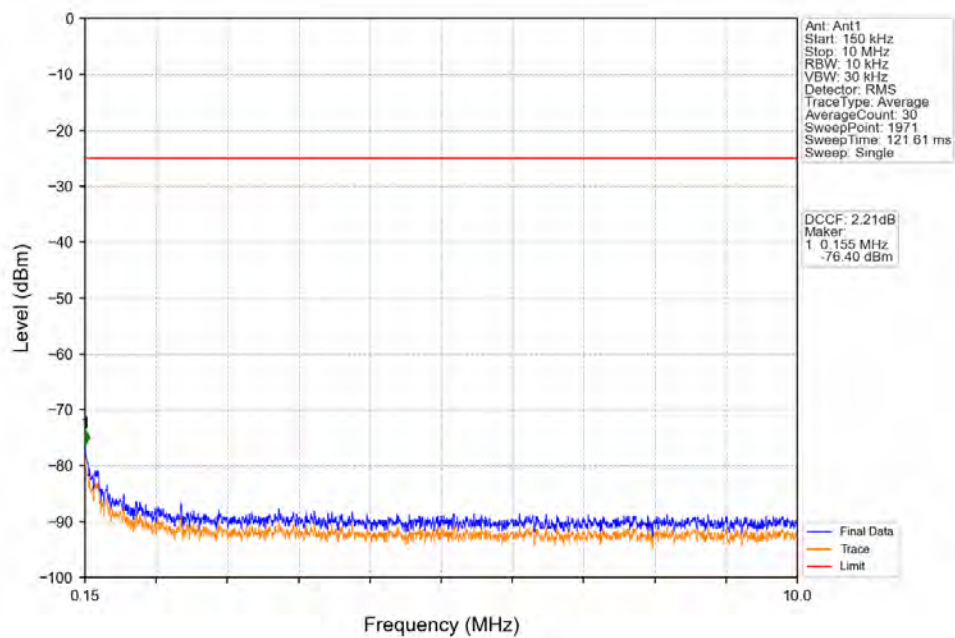
Band: 41 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
			49	Refer To Test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

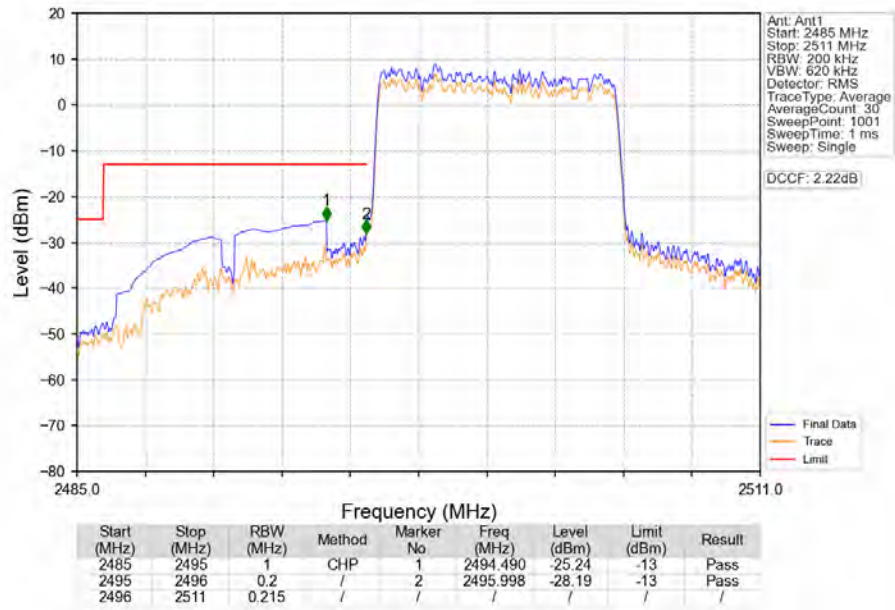




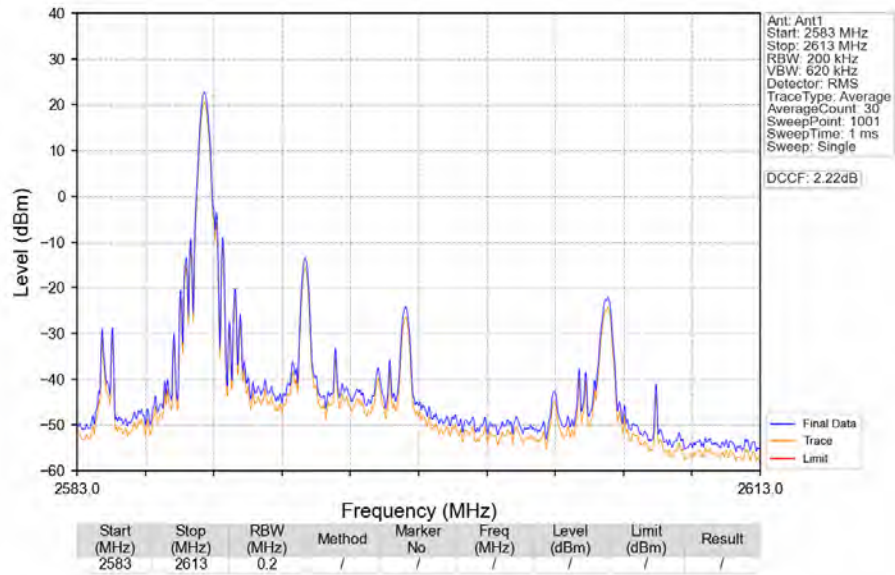
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



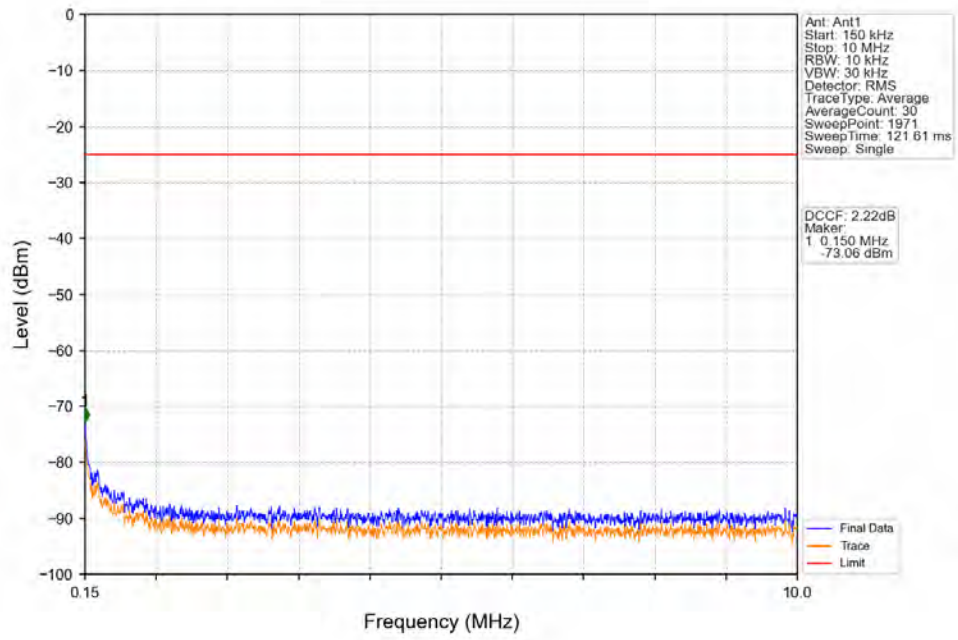
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



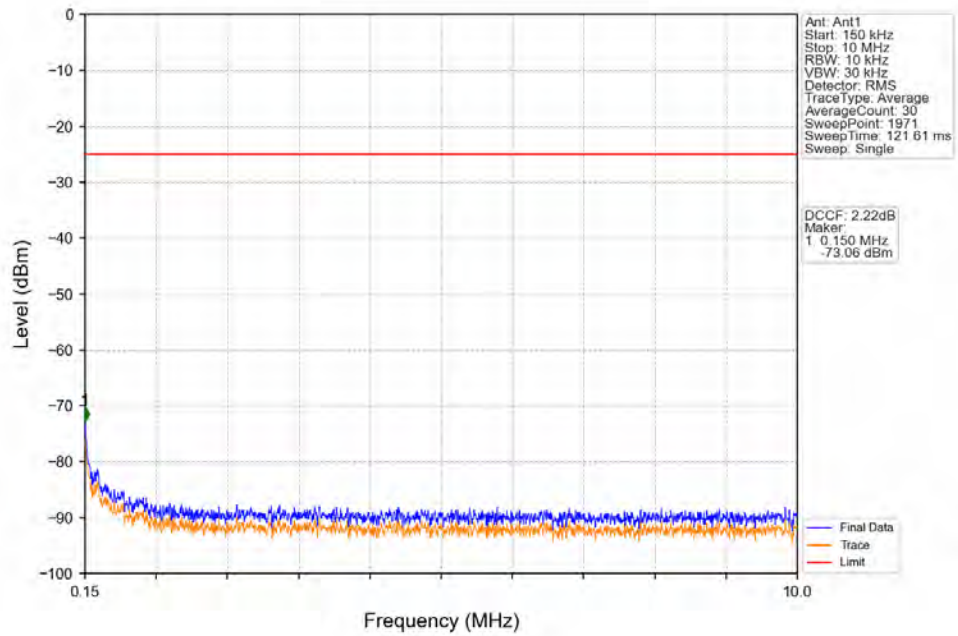
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



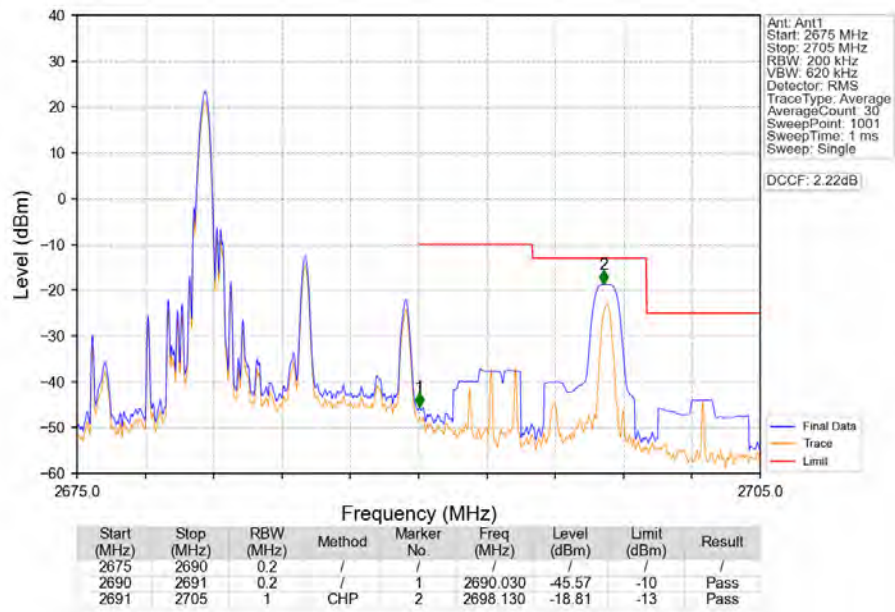
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



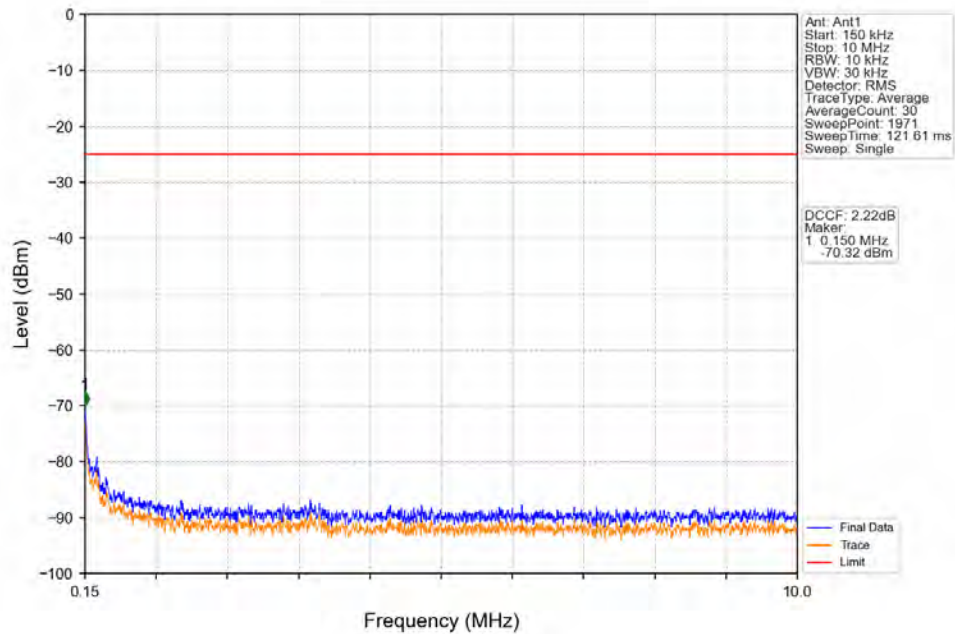
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



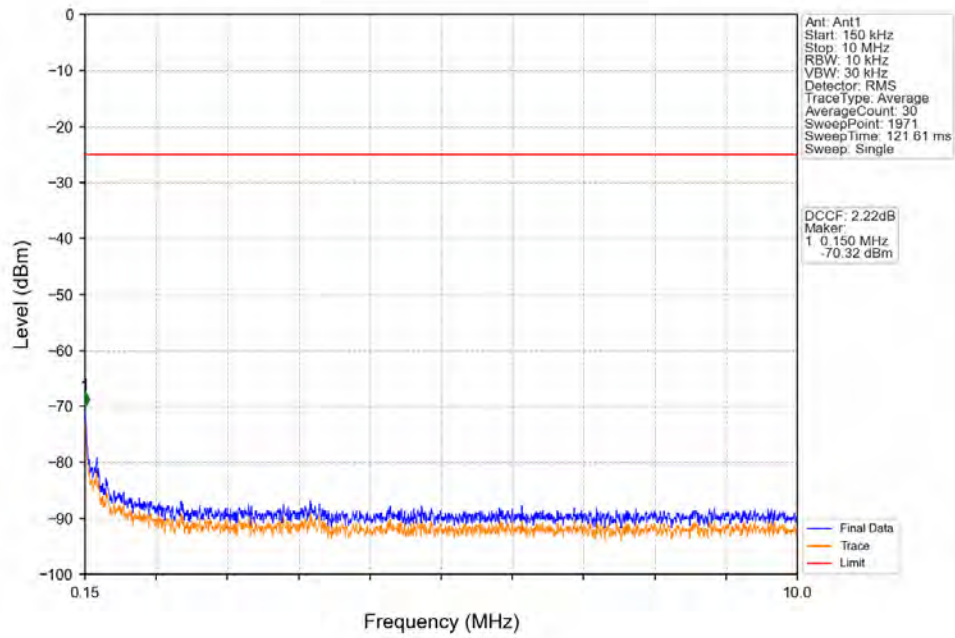
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



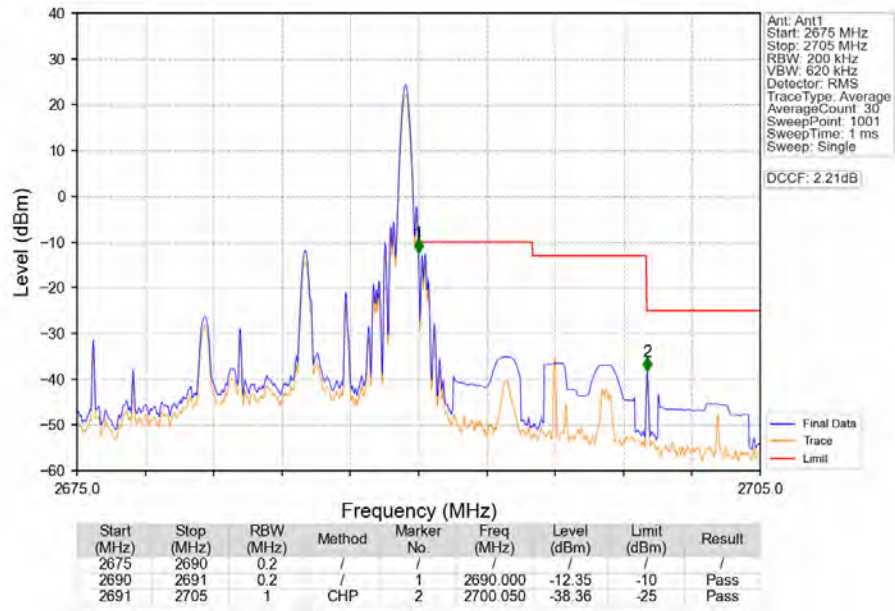
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



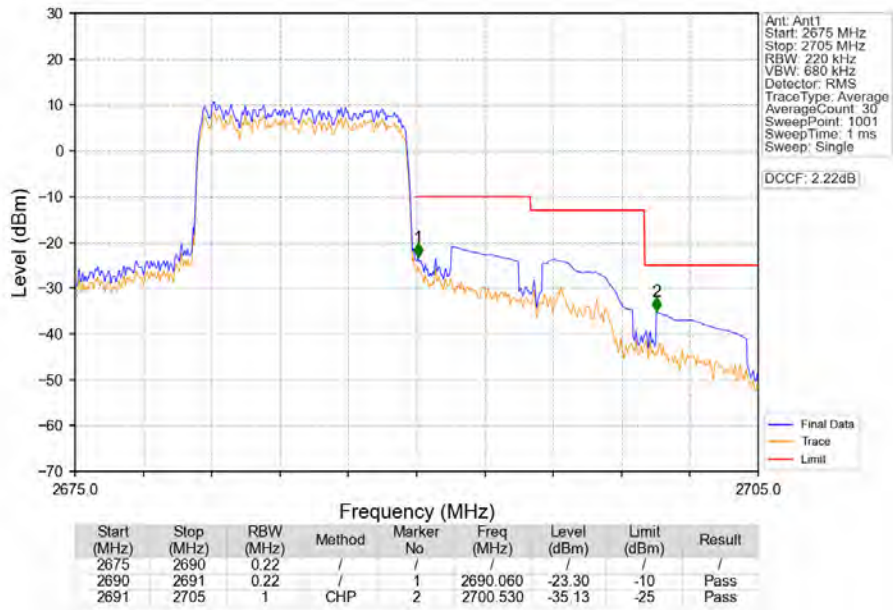
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



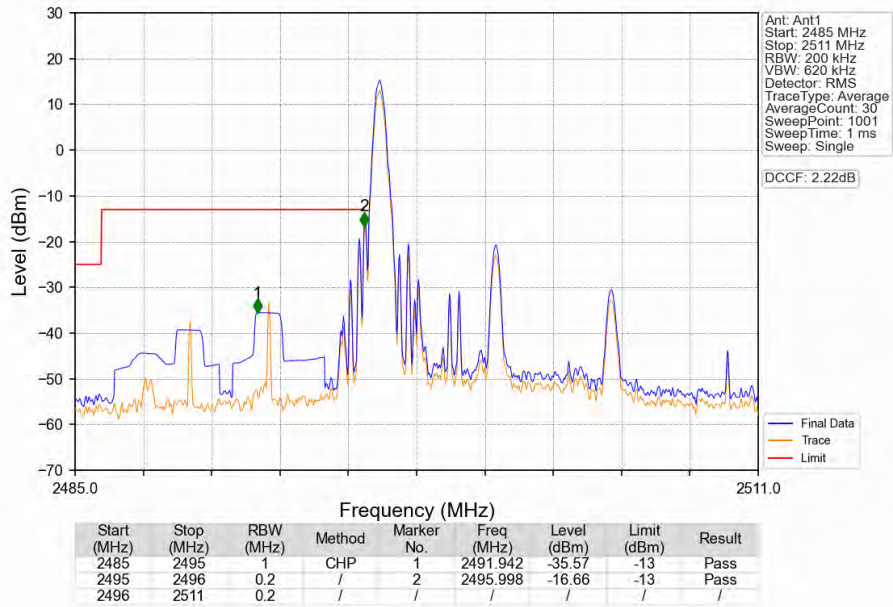
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



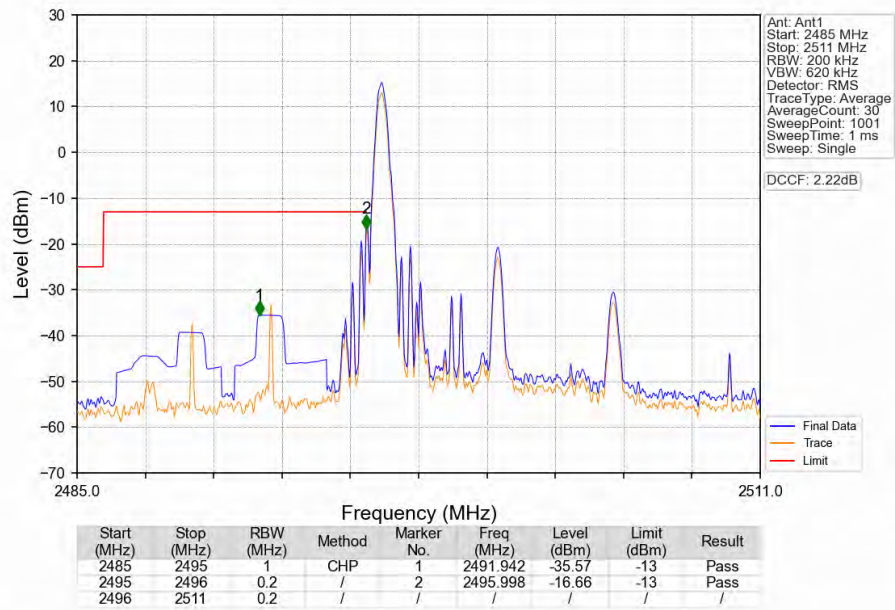
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



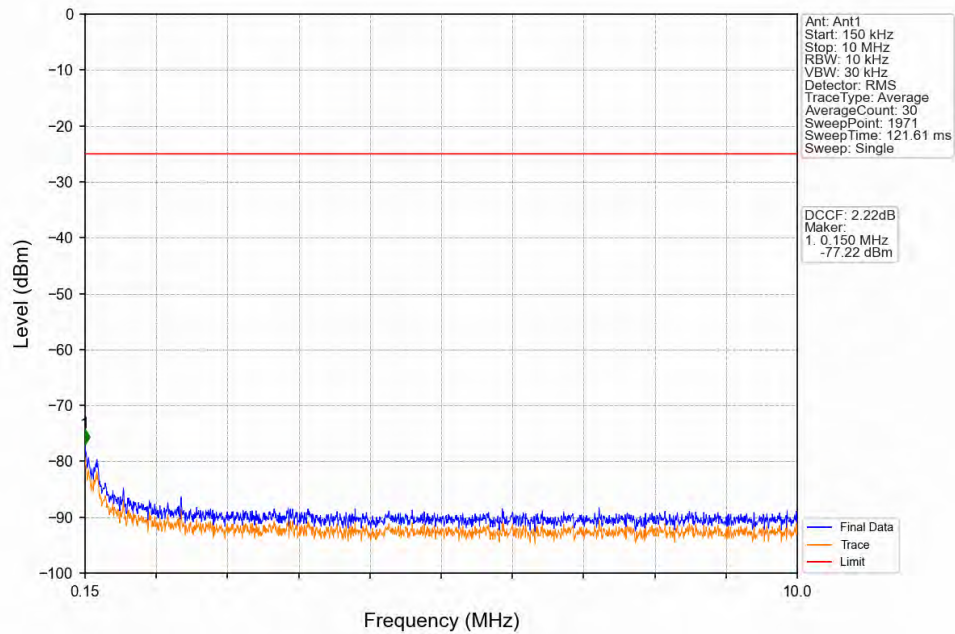
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



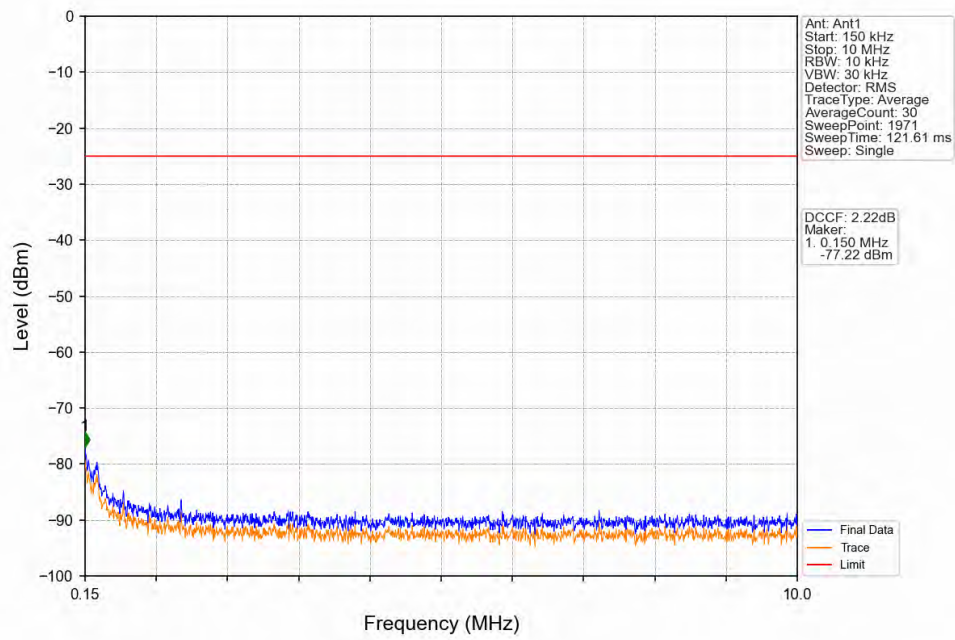
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



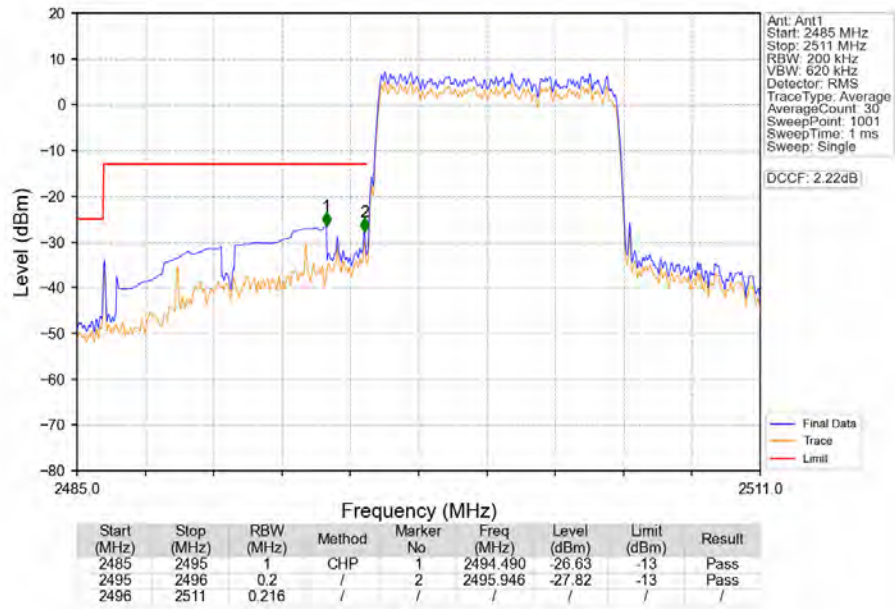
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



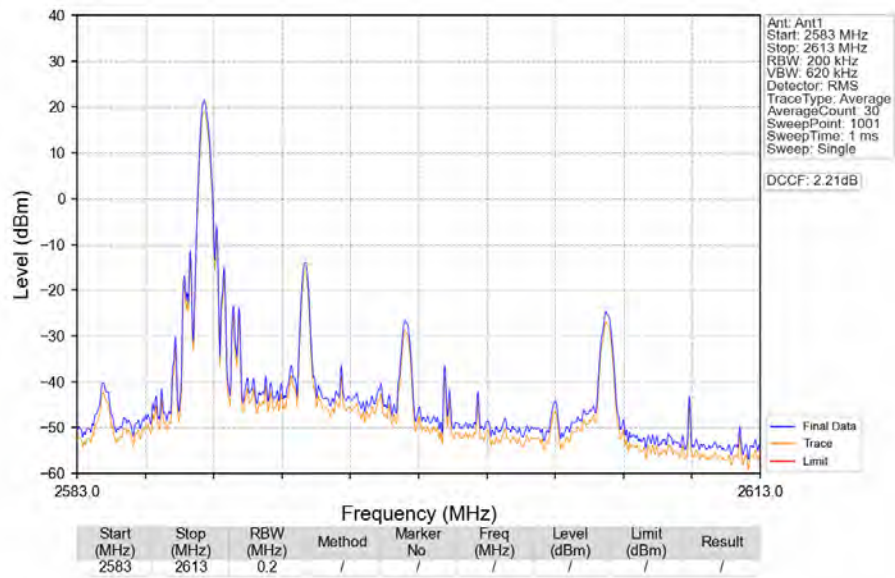
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



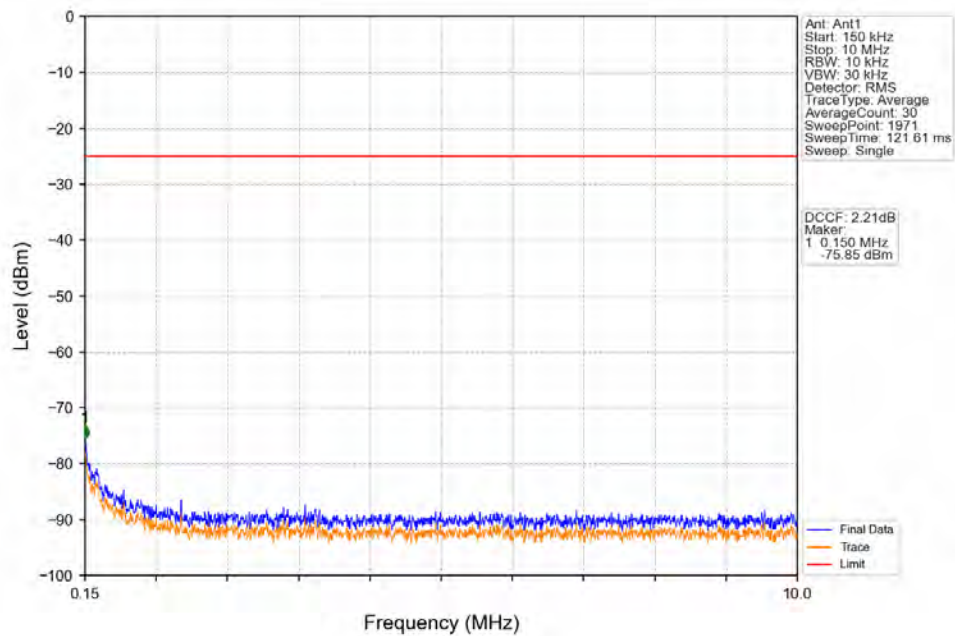
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



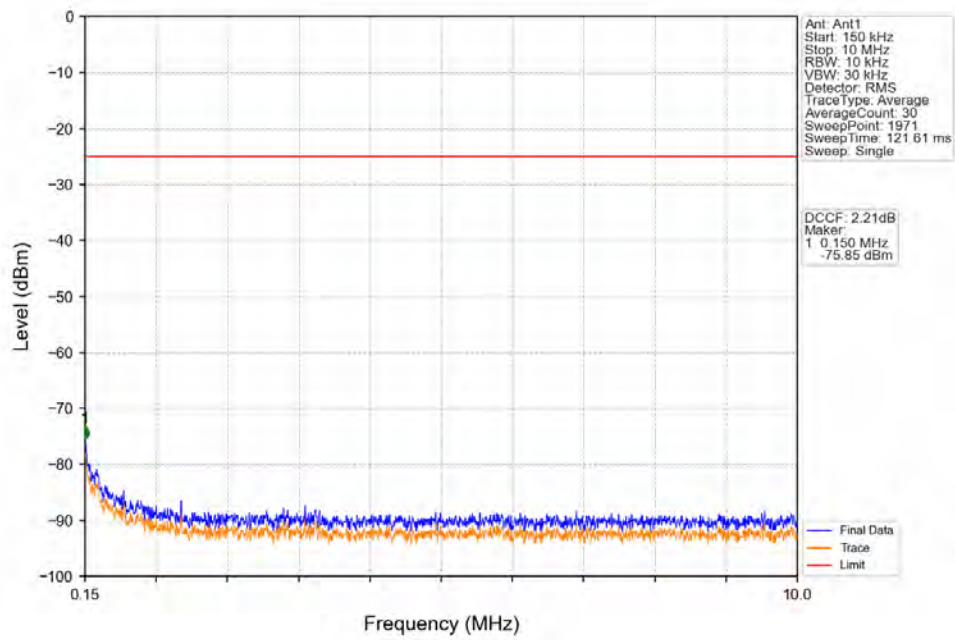
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



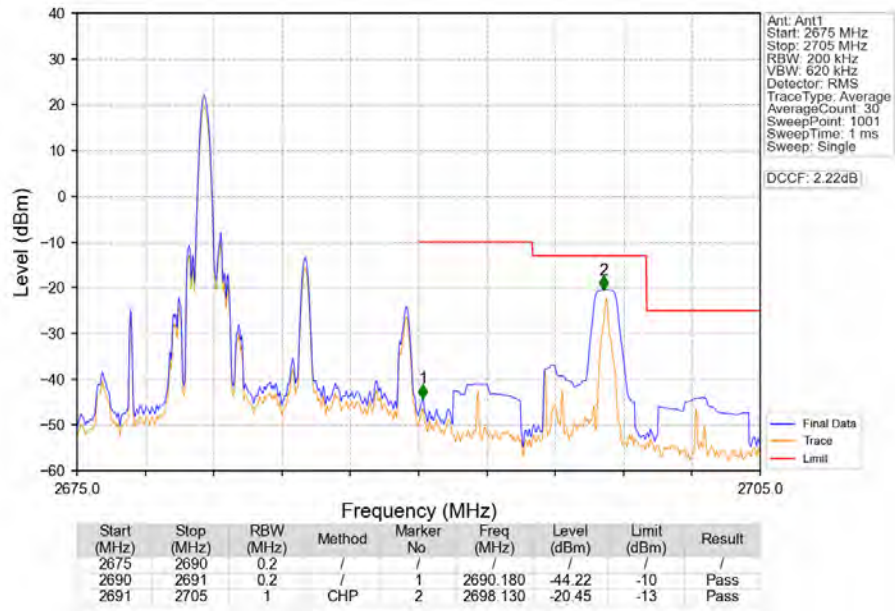
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



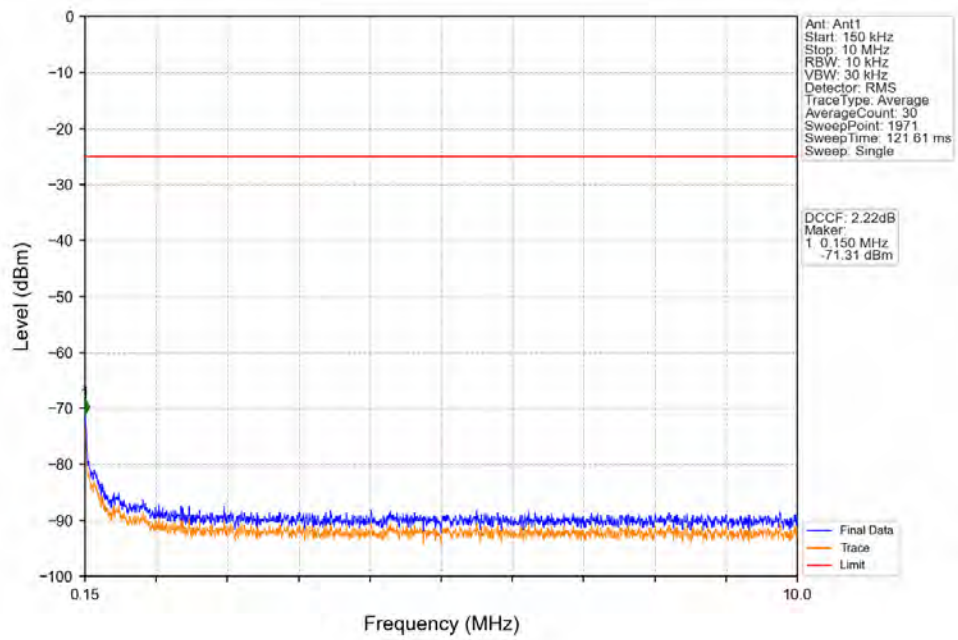
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



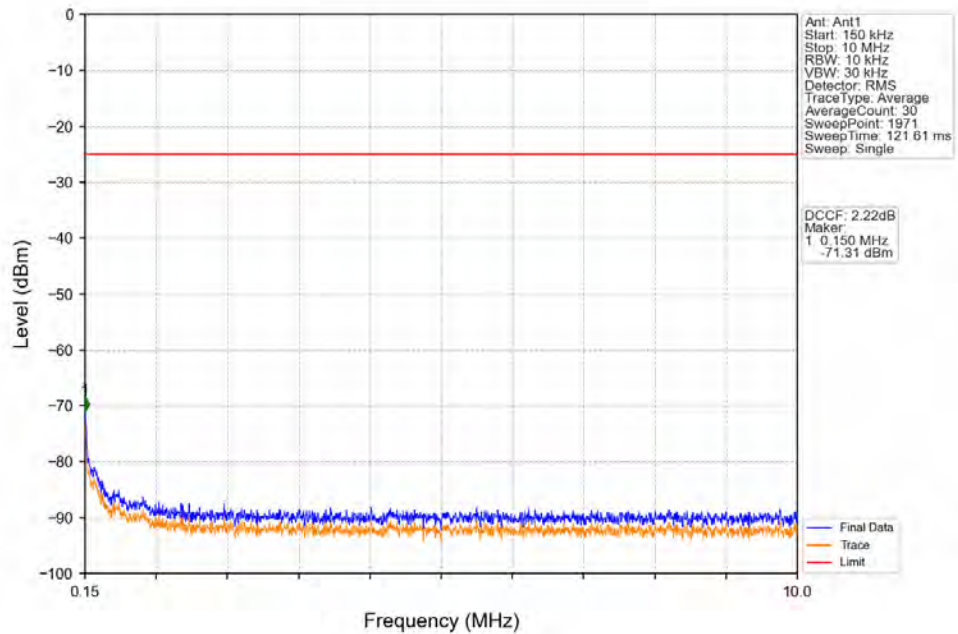
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



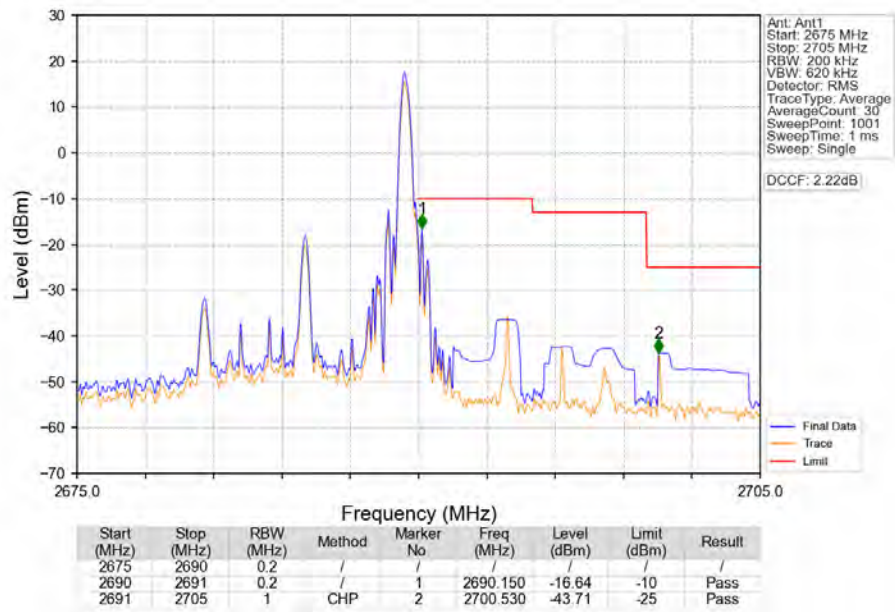
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



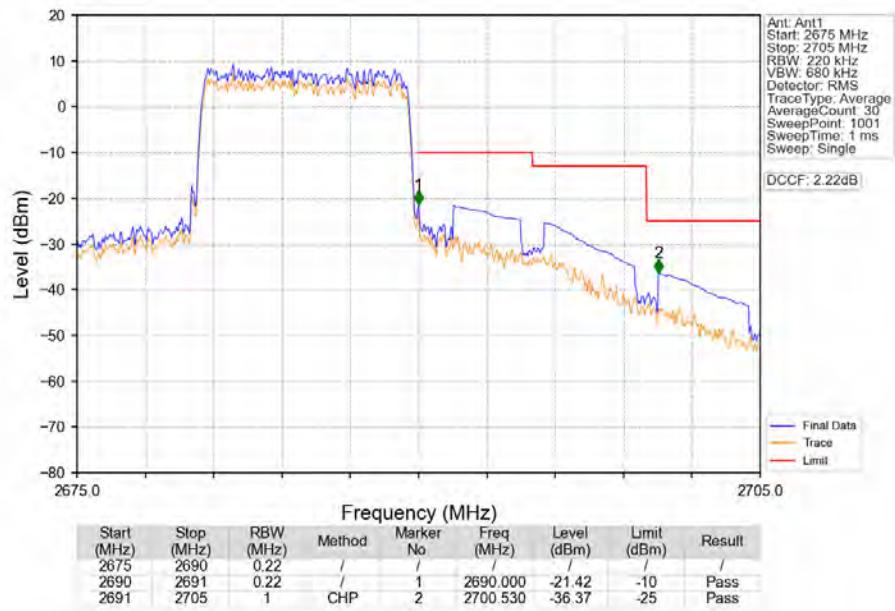
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_1_49_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV

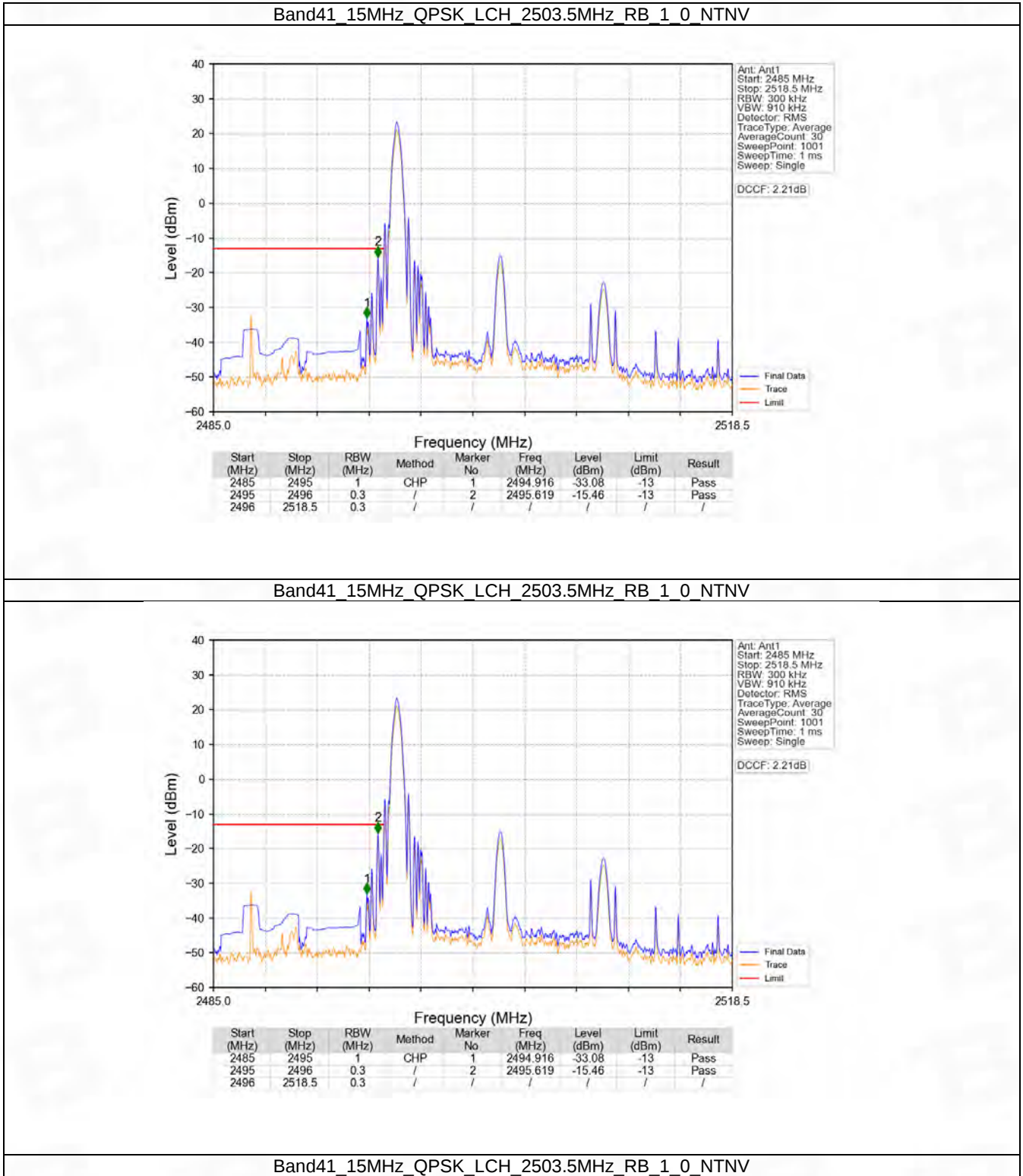


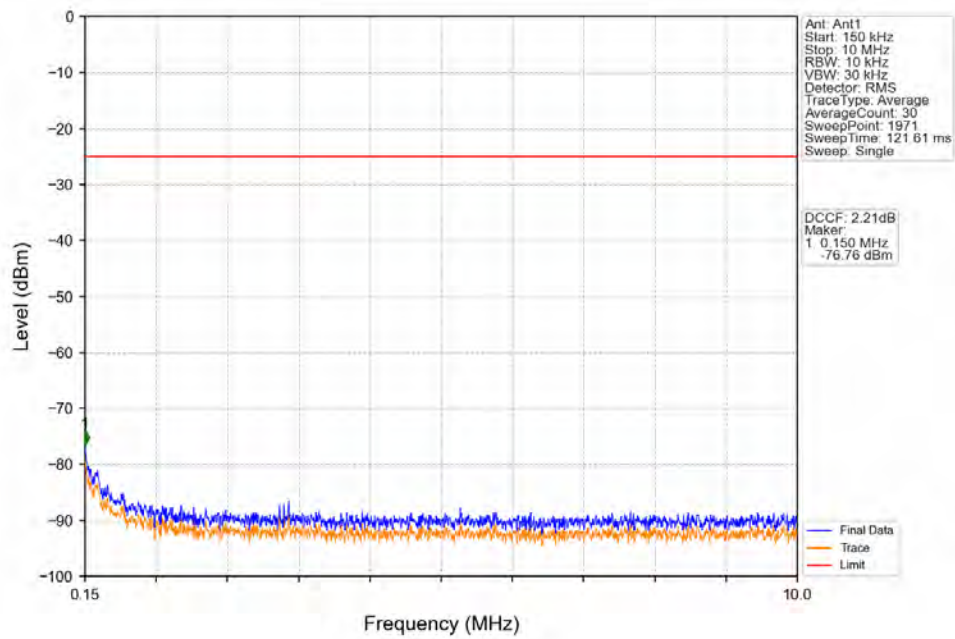
6.3 B41_15MHz

6.3.1 Test Result

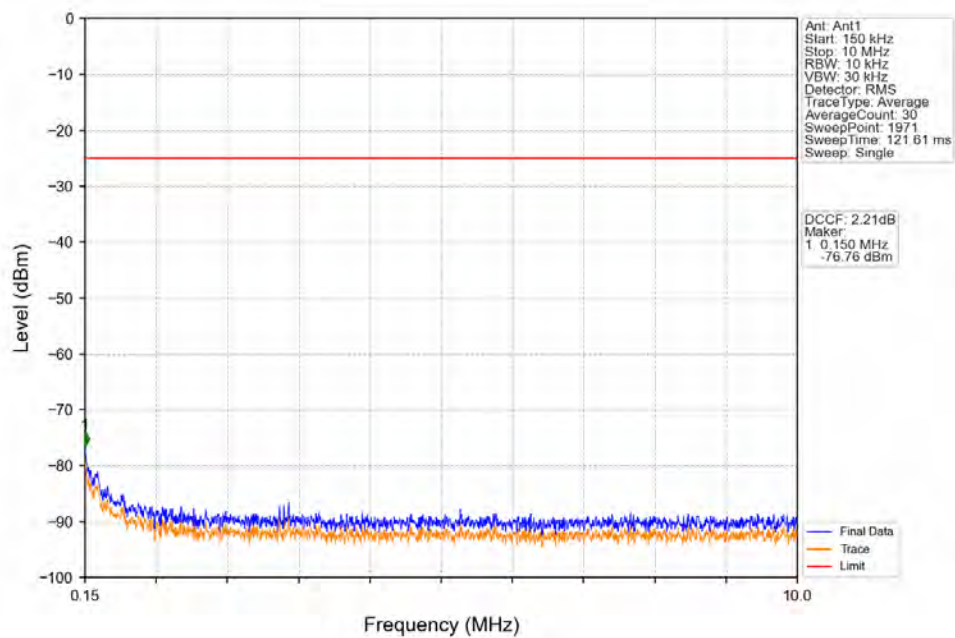
Band: 41 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

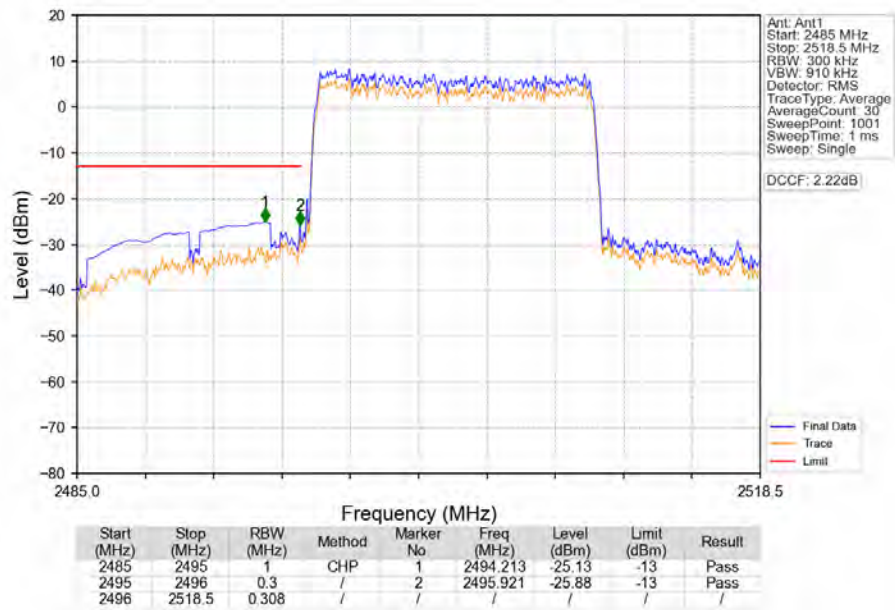




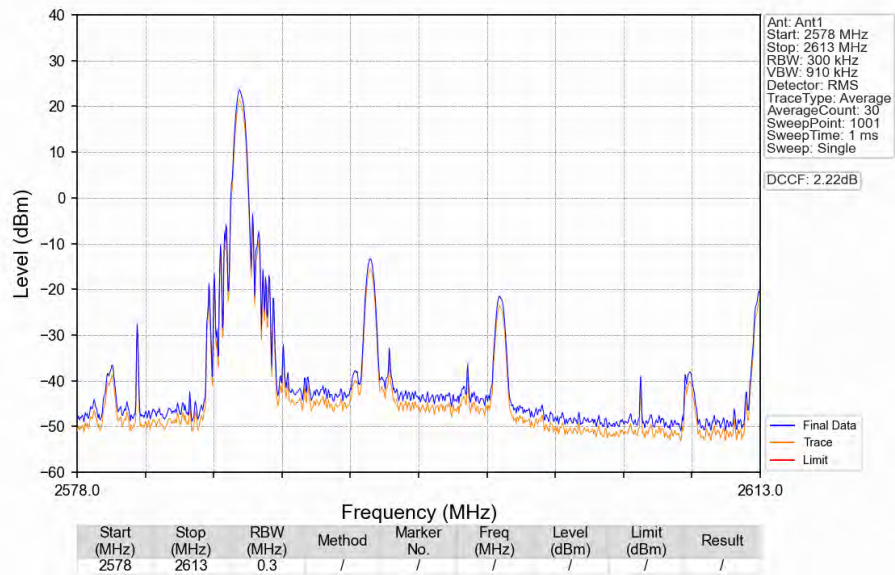
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



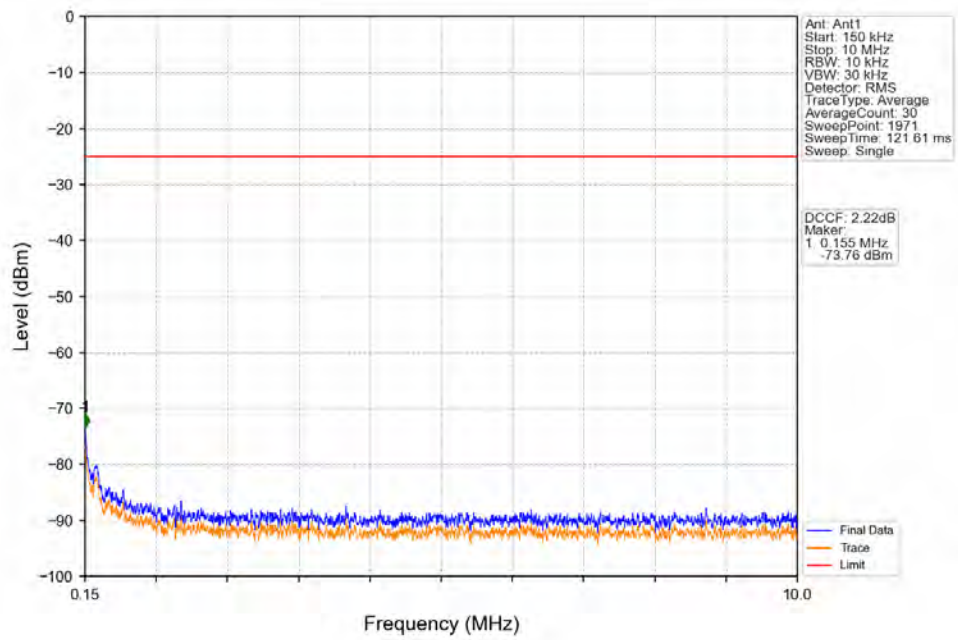
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



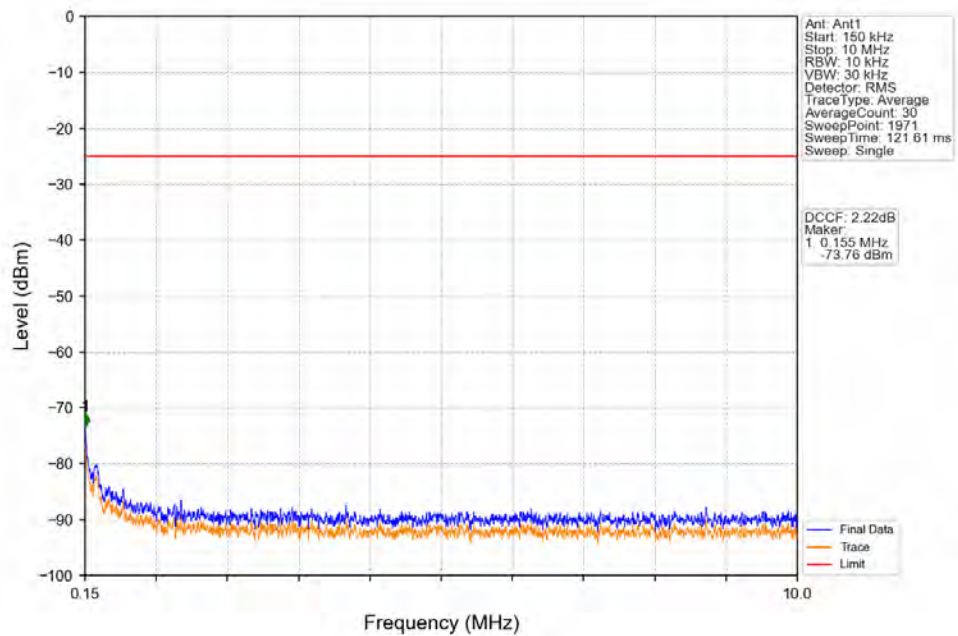
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



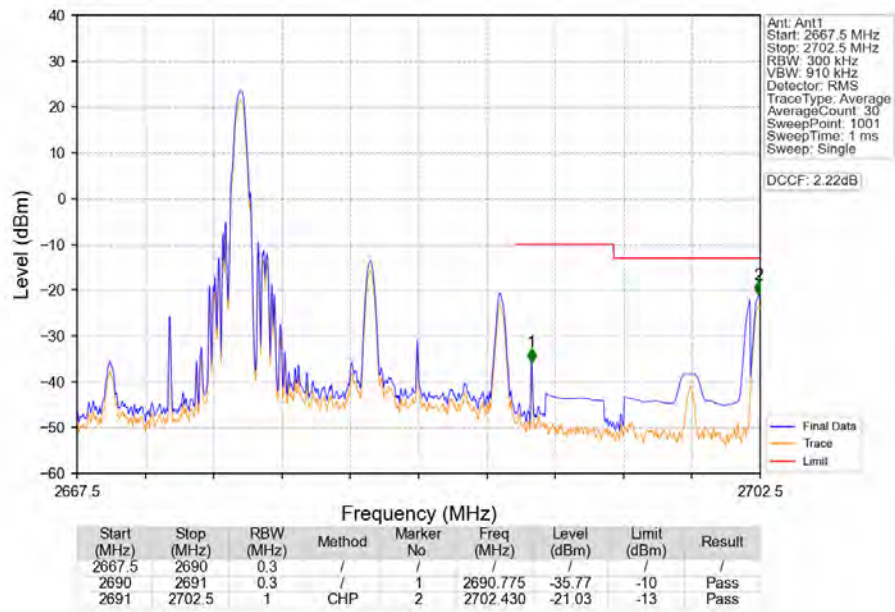
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



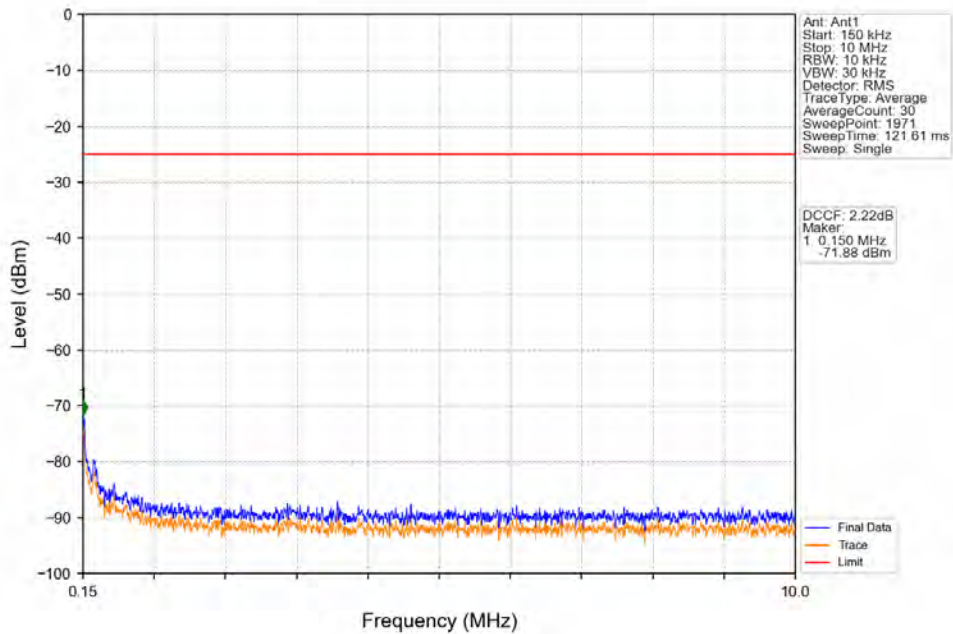
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



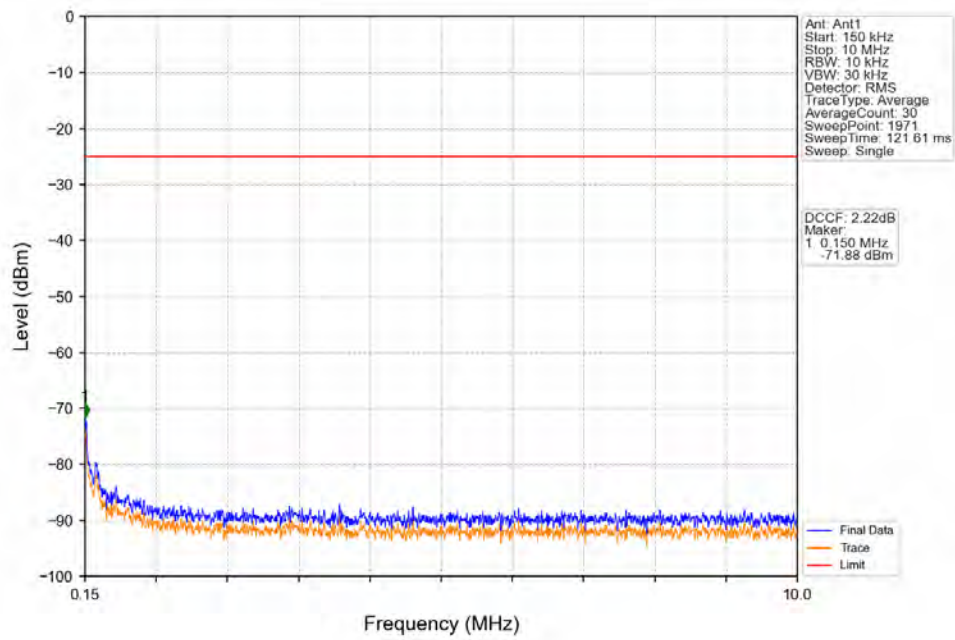
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



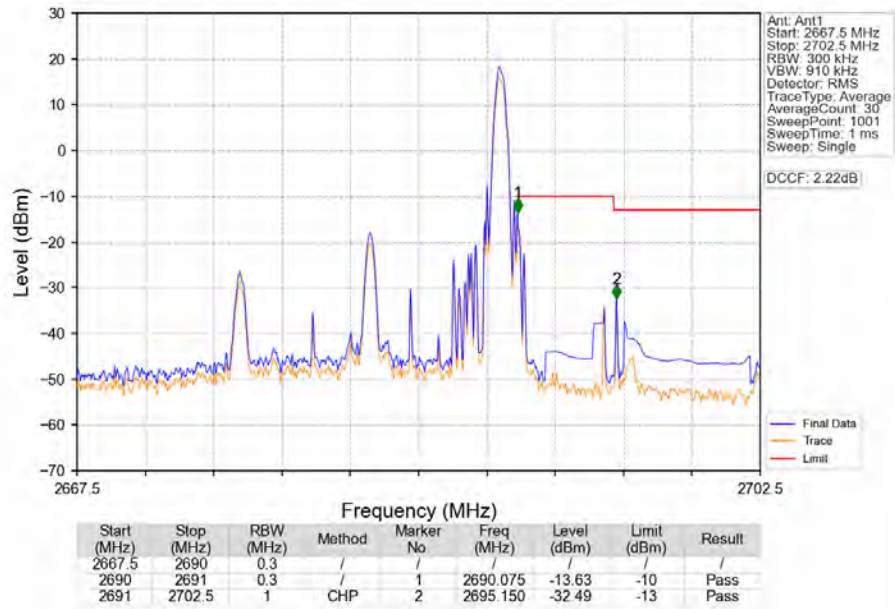
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



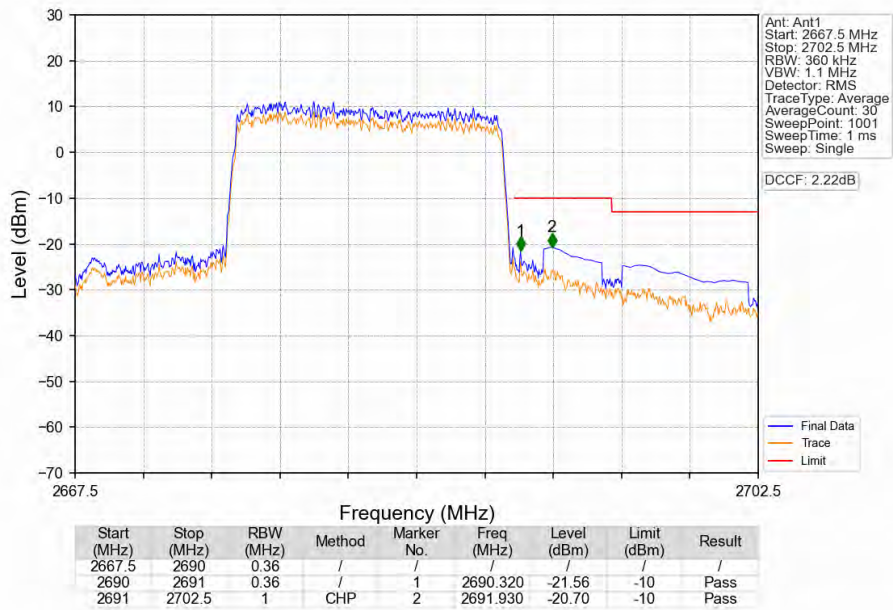
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



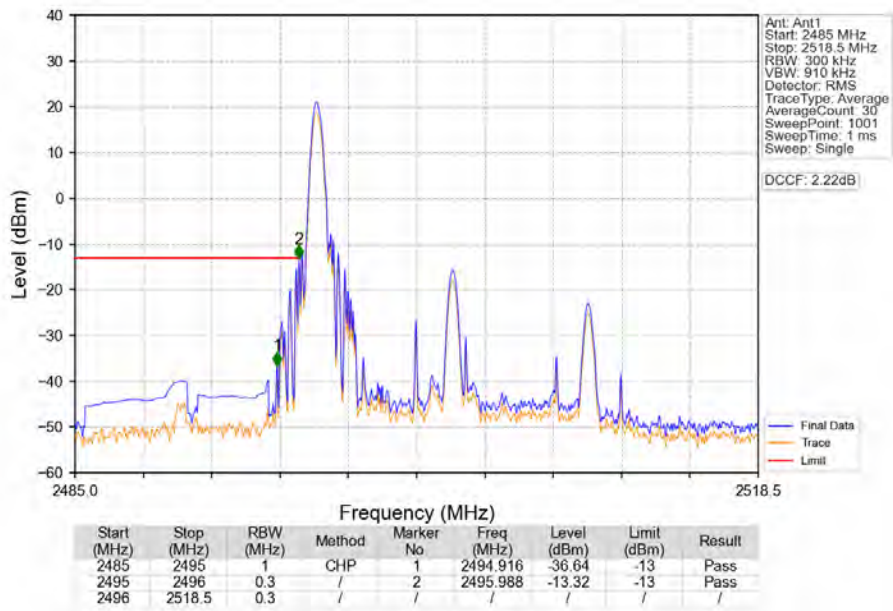
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



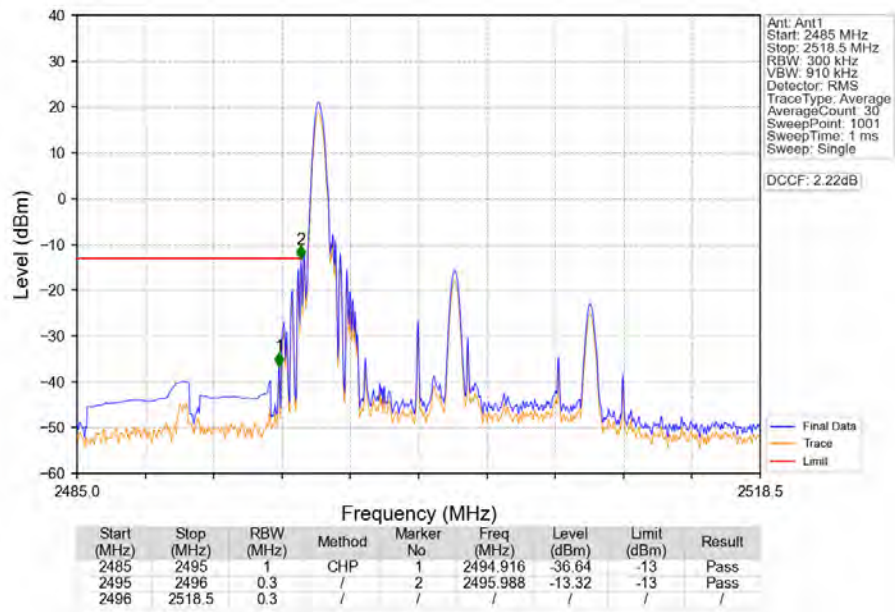
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



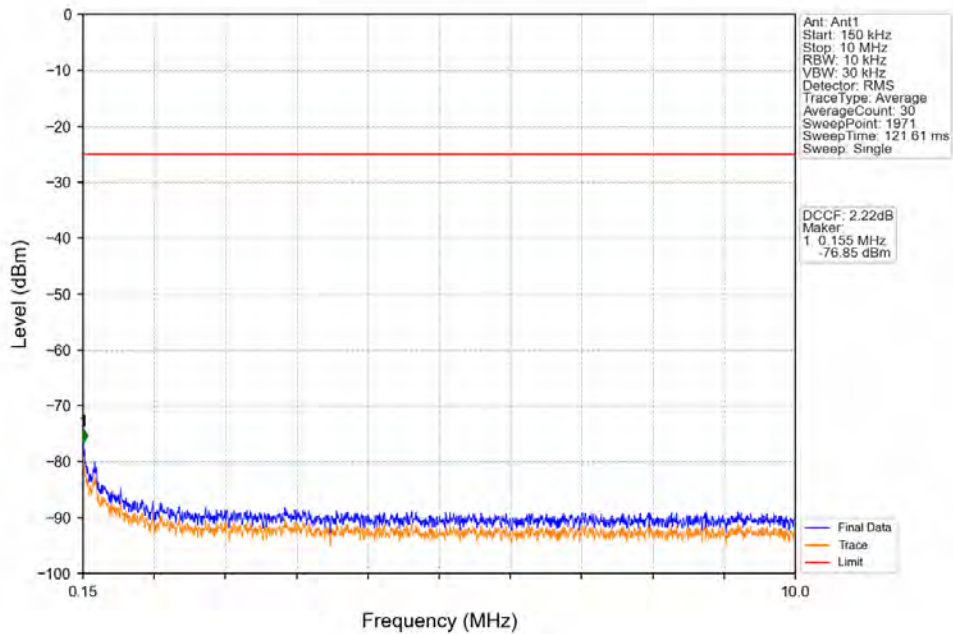
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



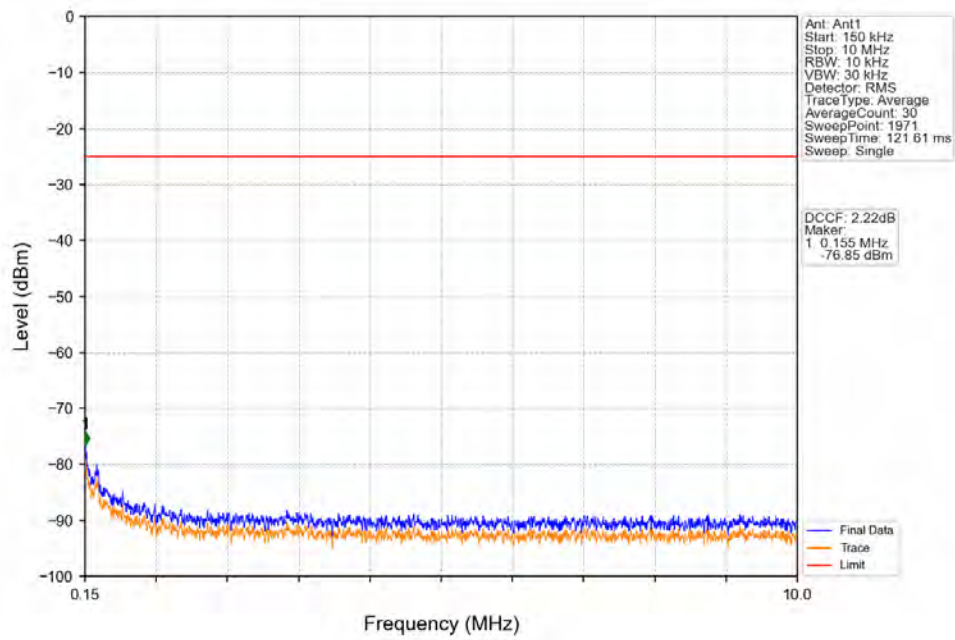
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



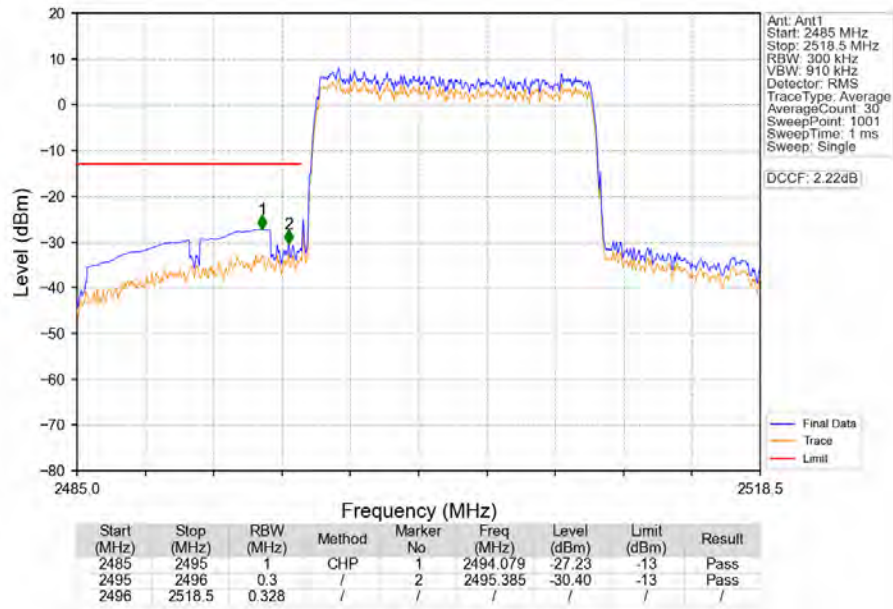
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



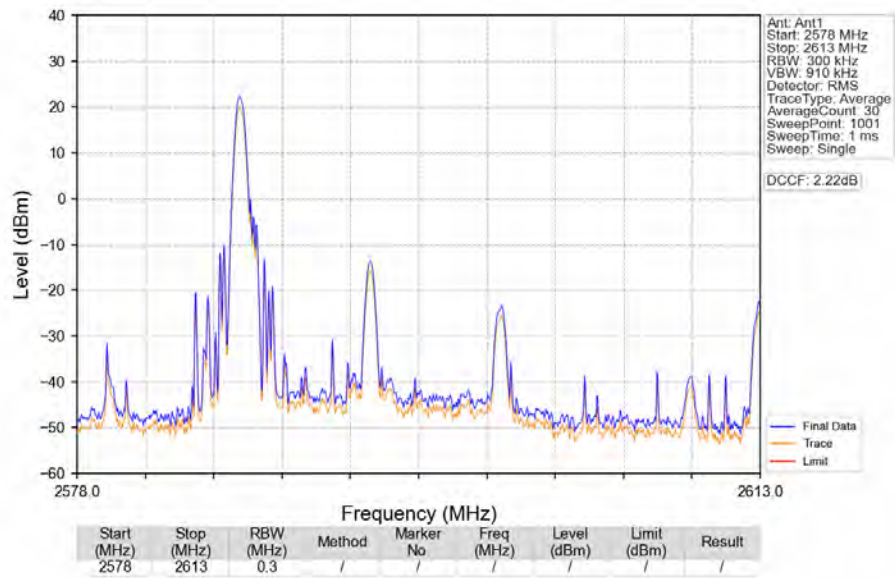
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



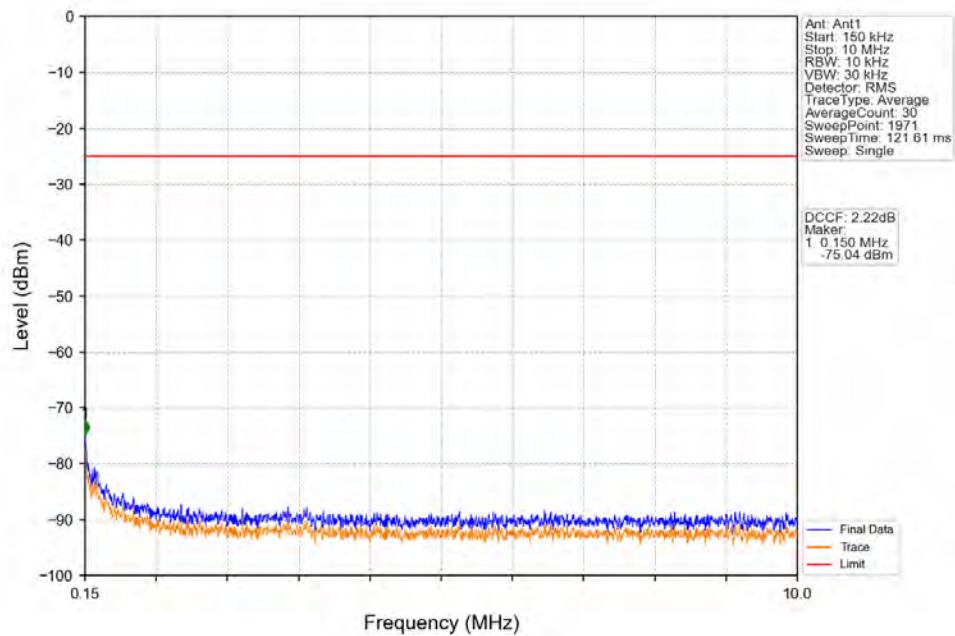
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



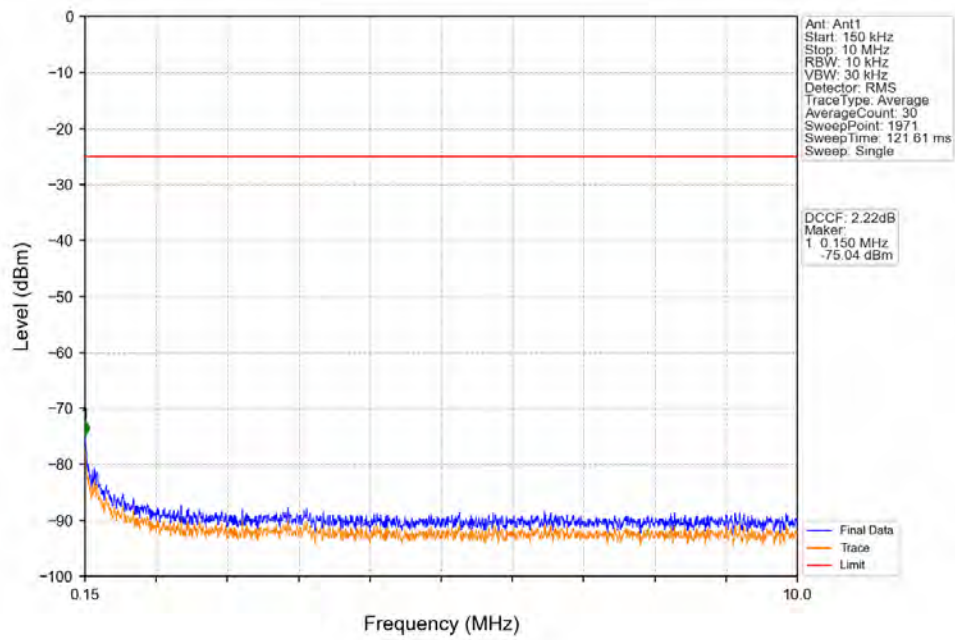
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



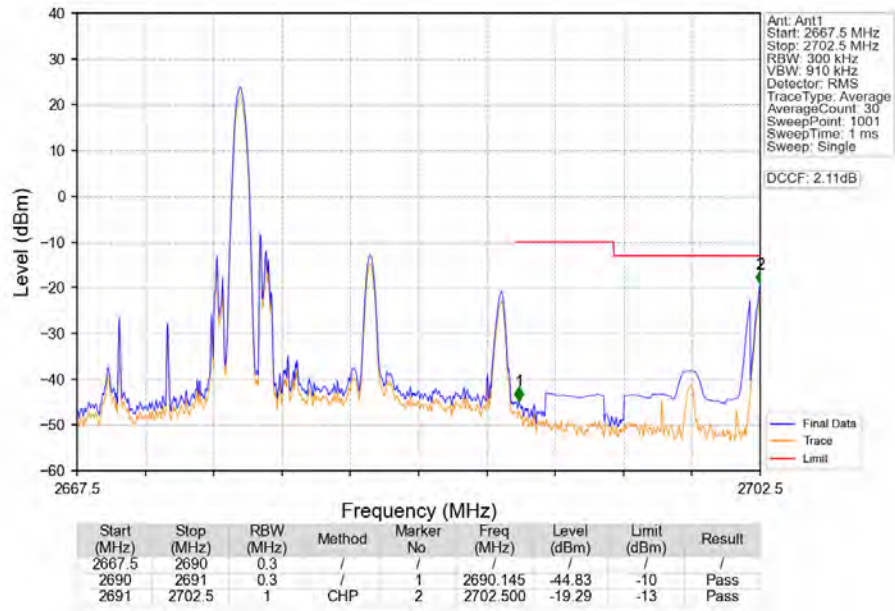
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



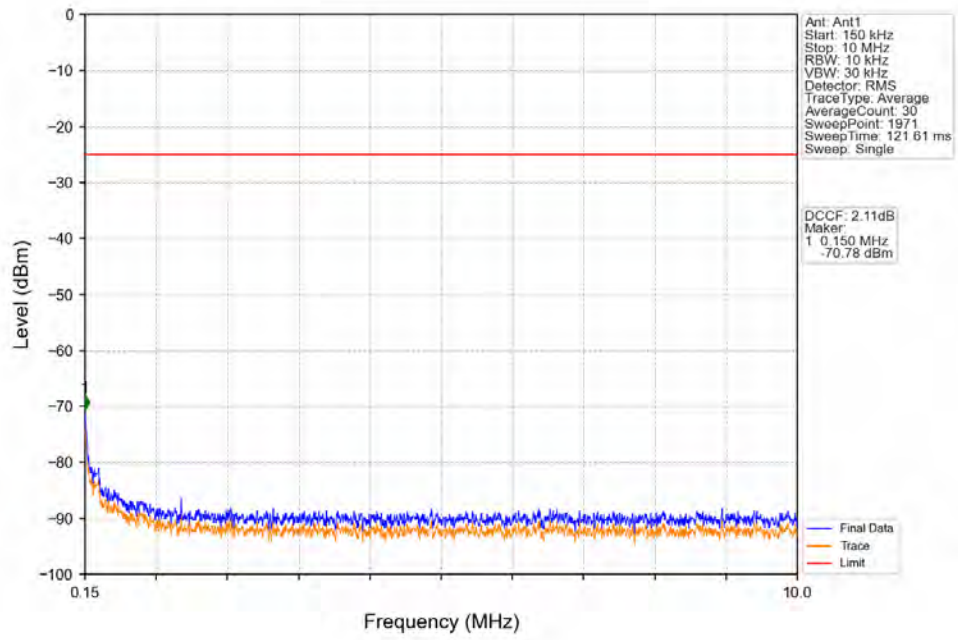
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



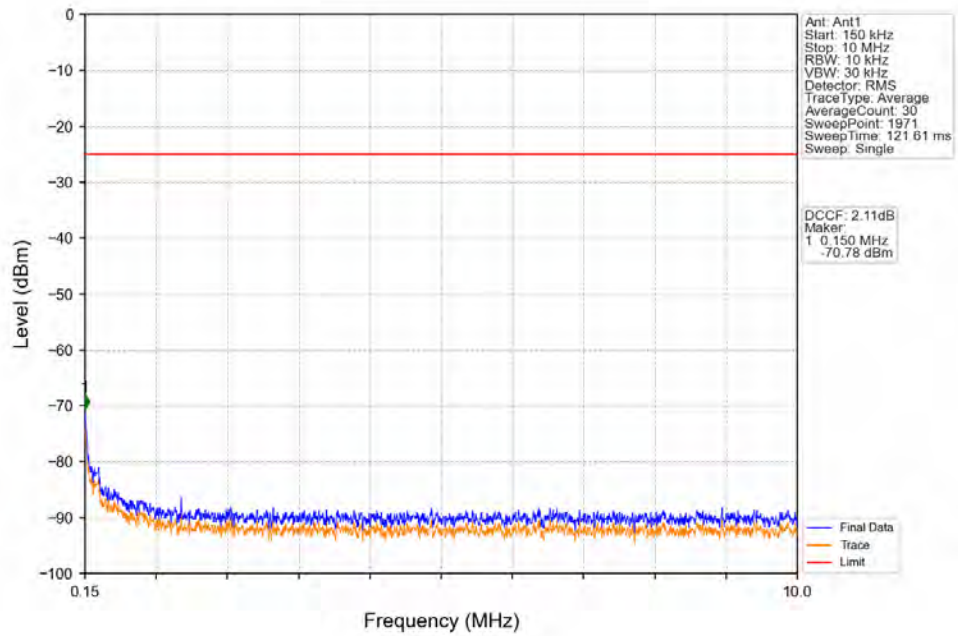
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV



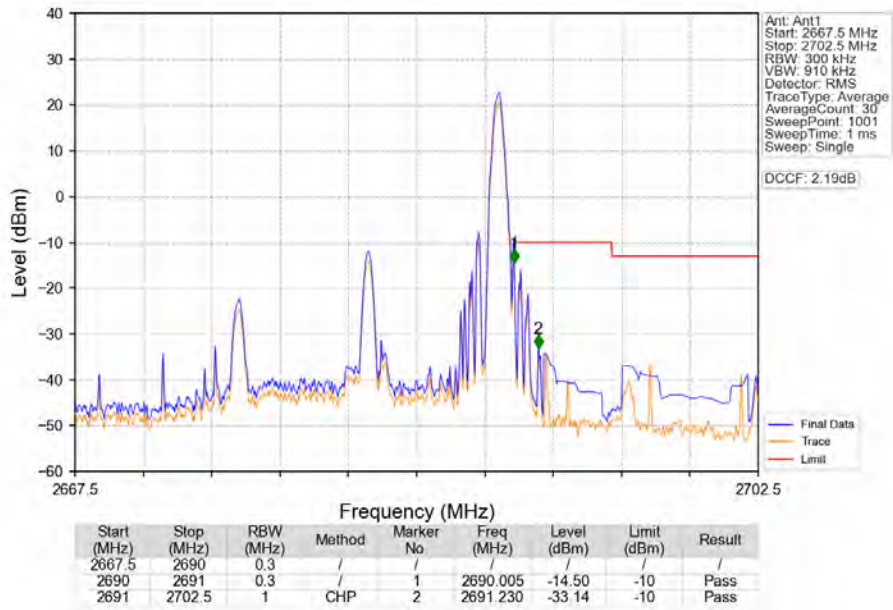
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV



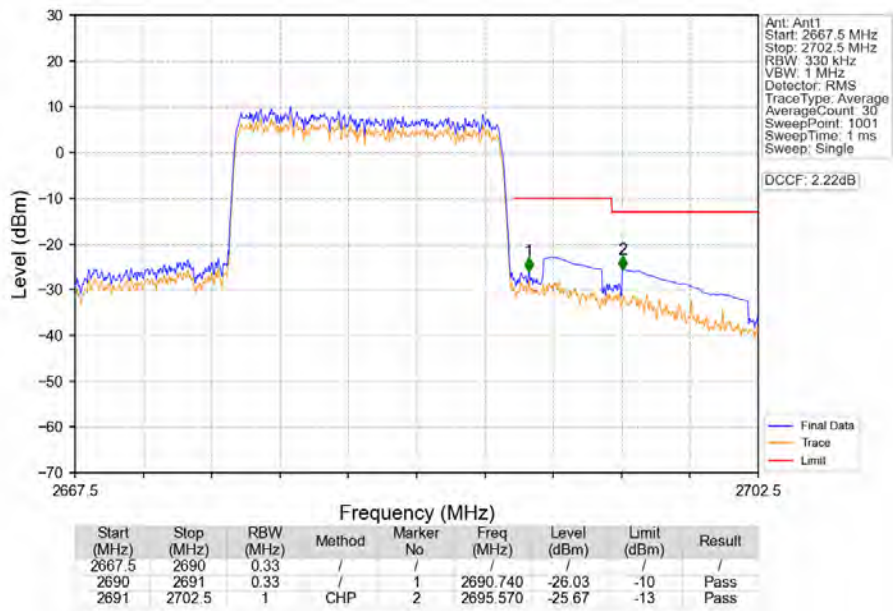
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_74_NTNV



Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV

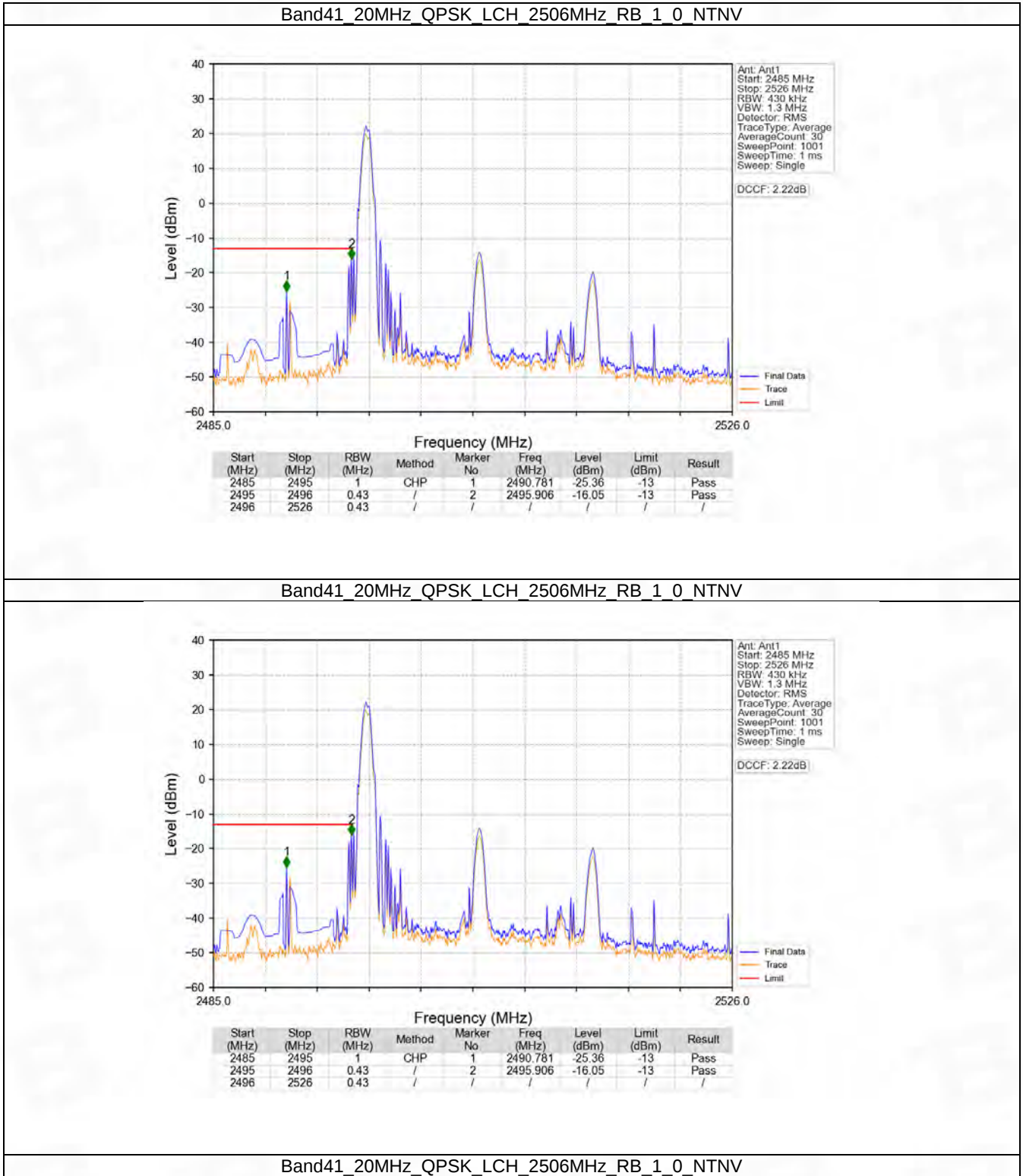


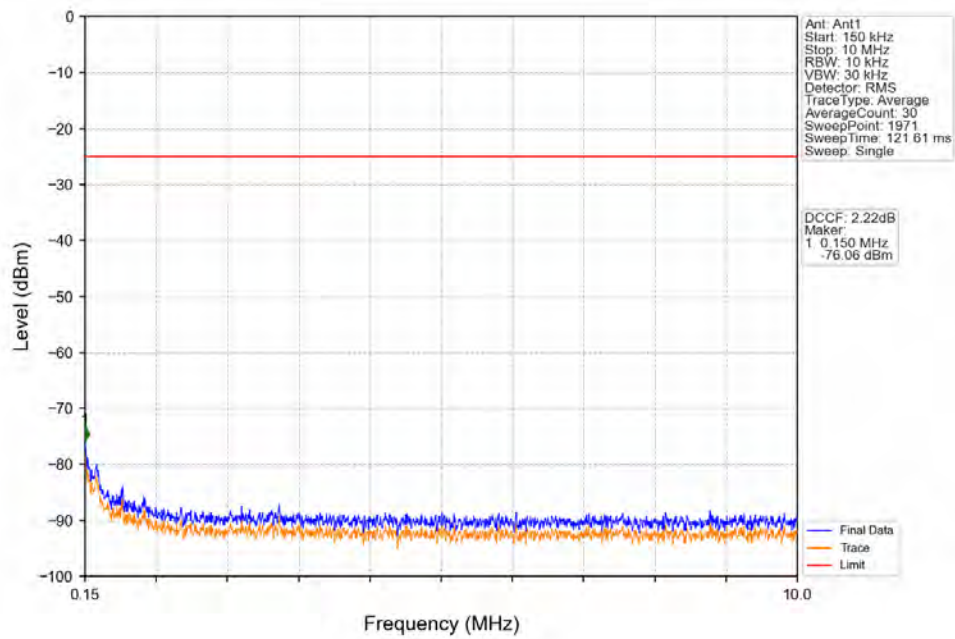
6.4 B41_20MHz

6.4.1 Test Result

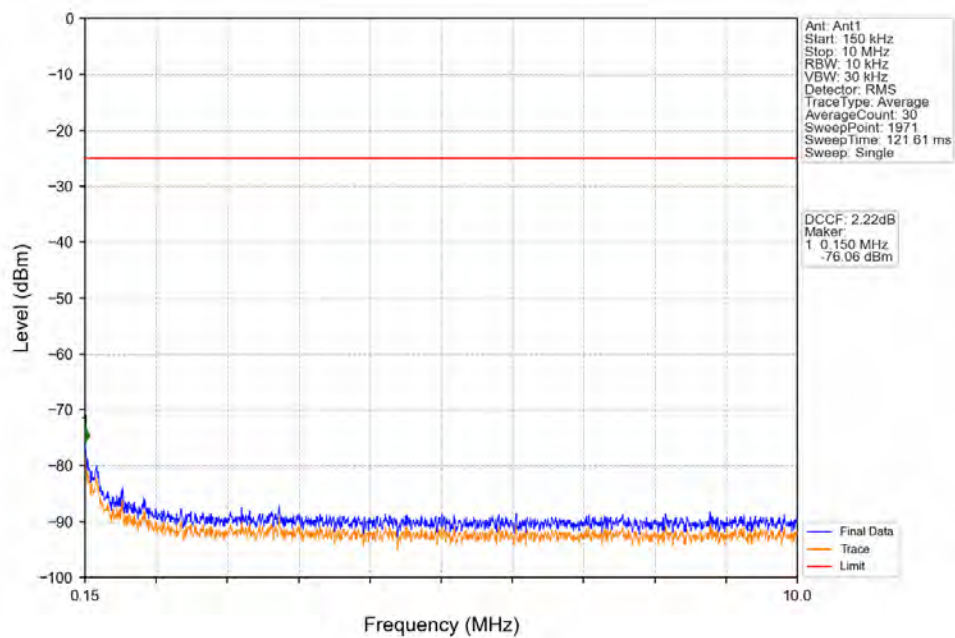
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

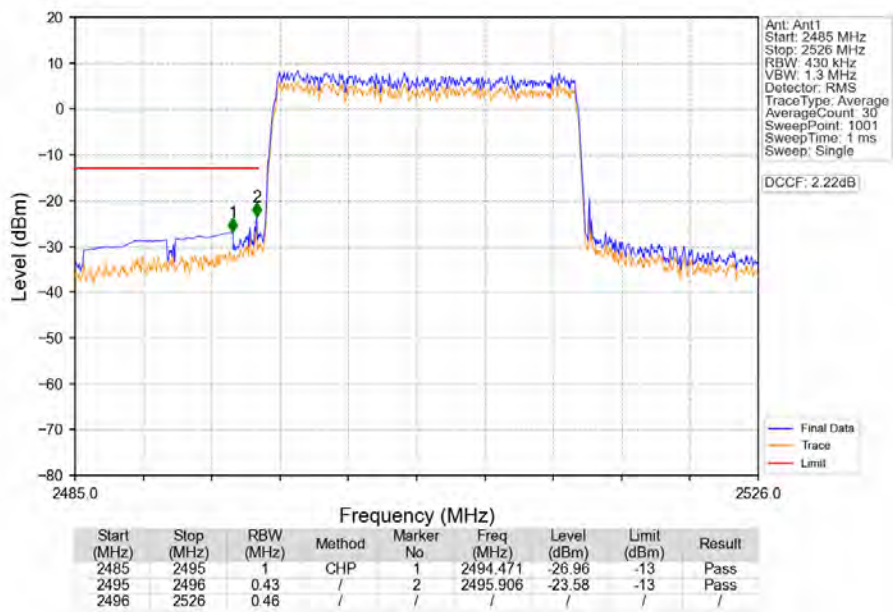




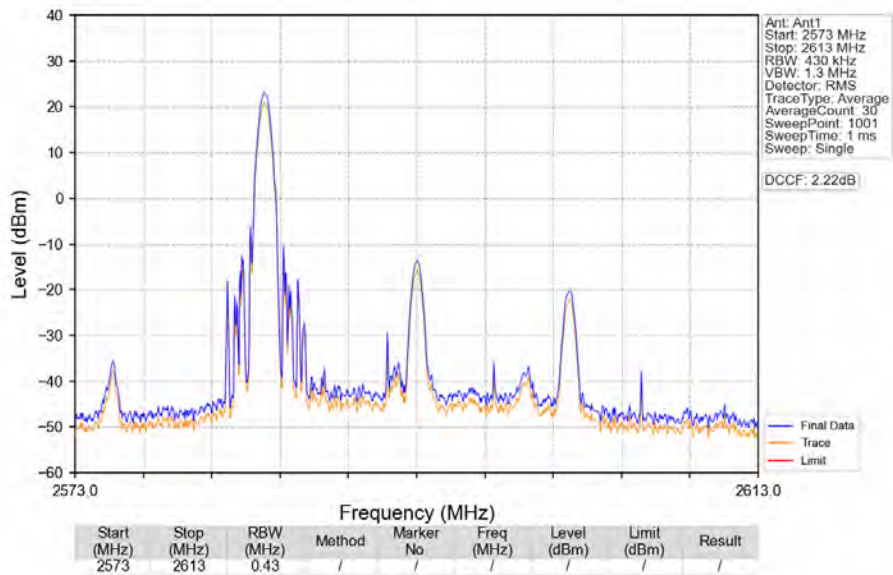
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



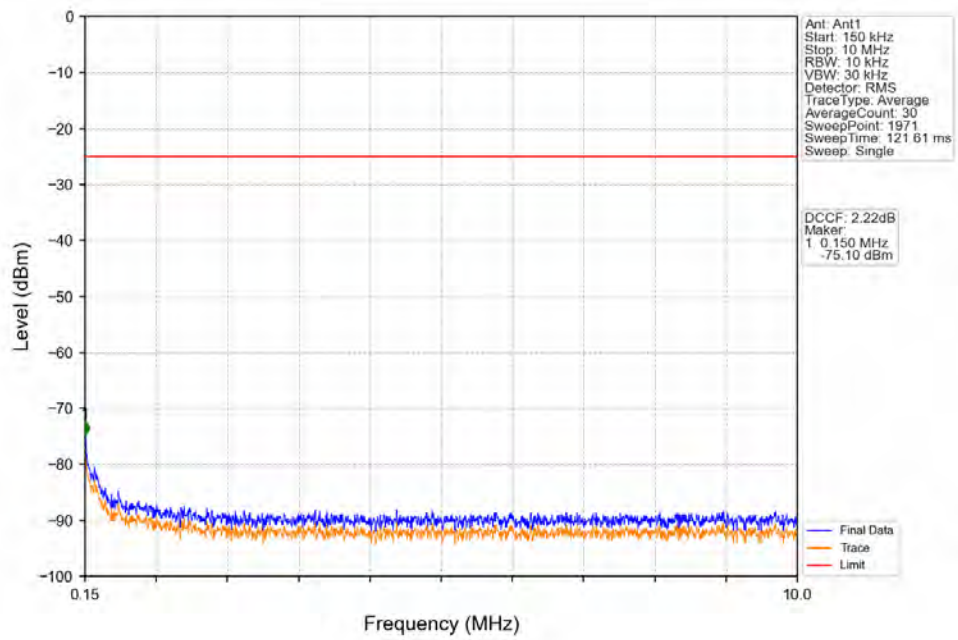
Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTV



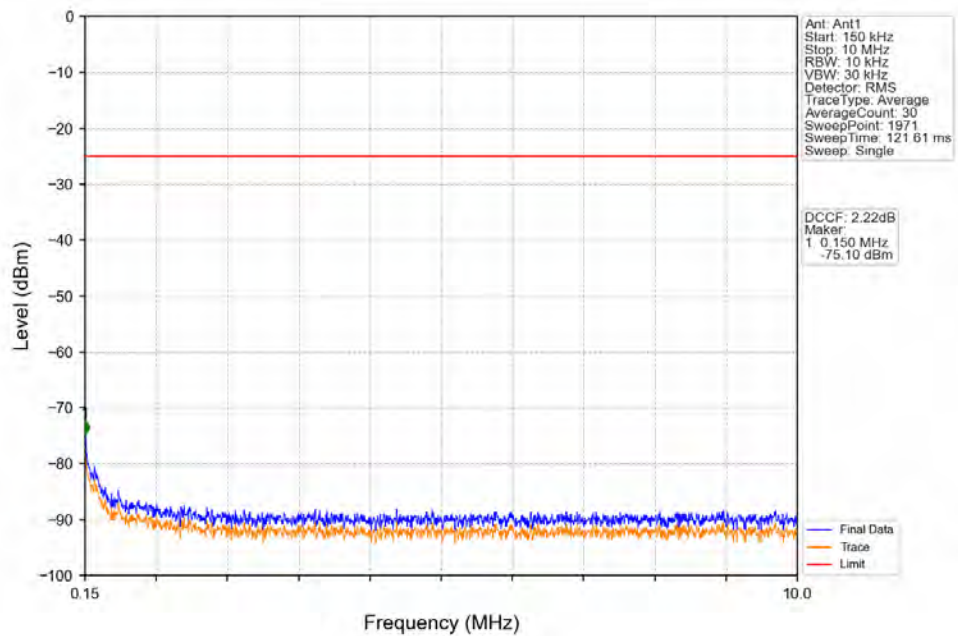
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTV



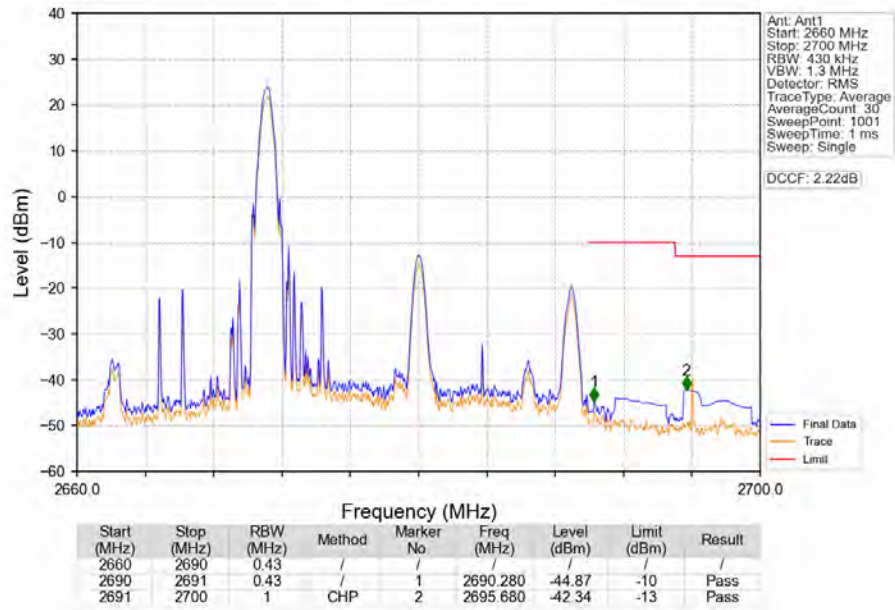
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



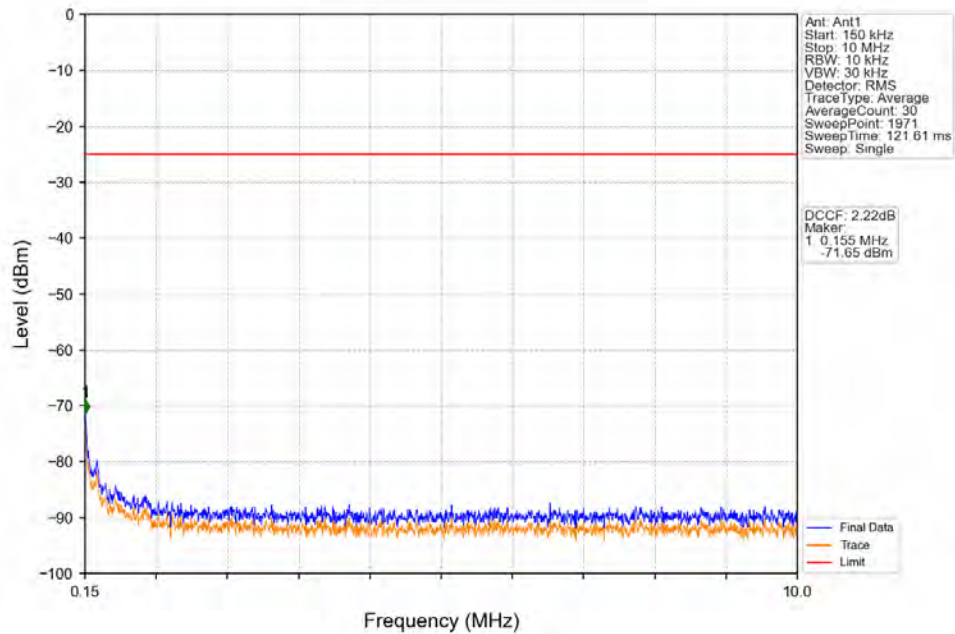
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



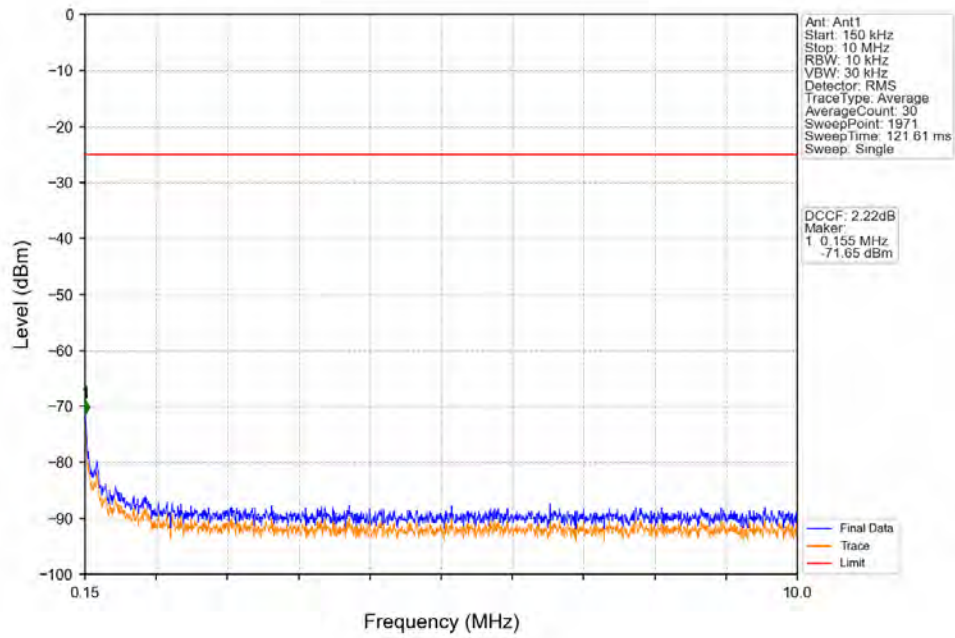
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



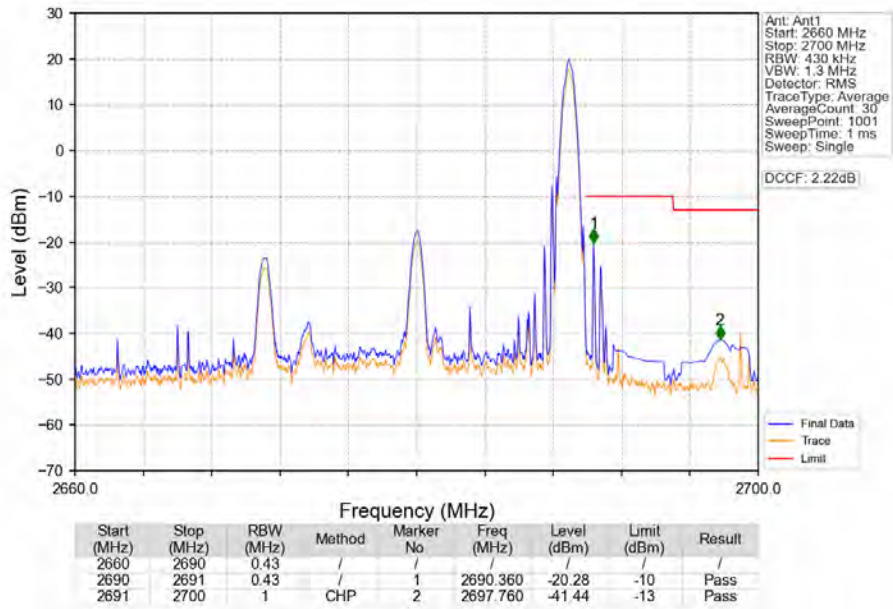
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



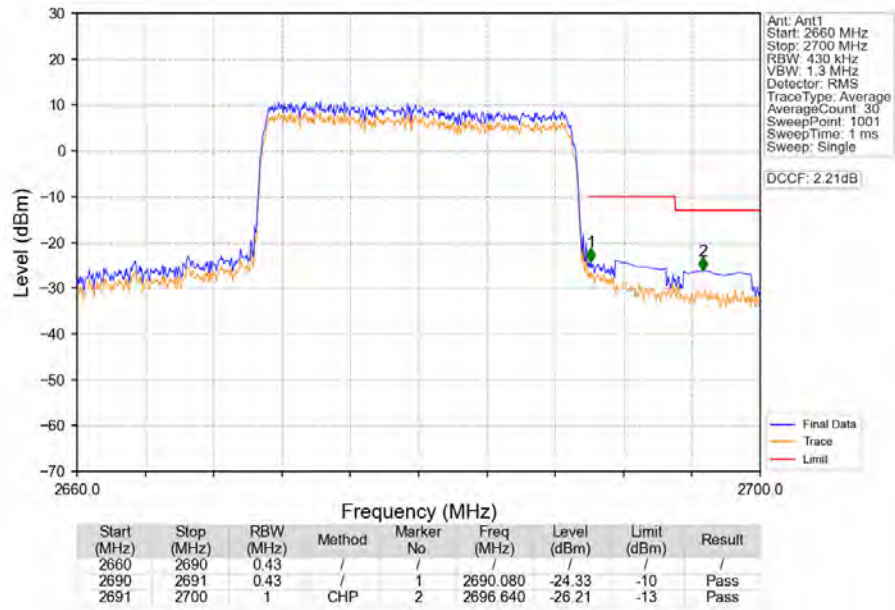
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



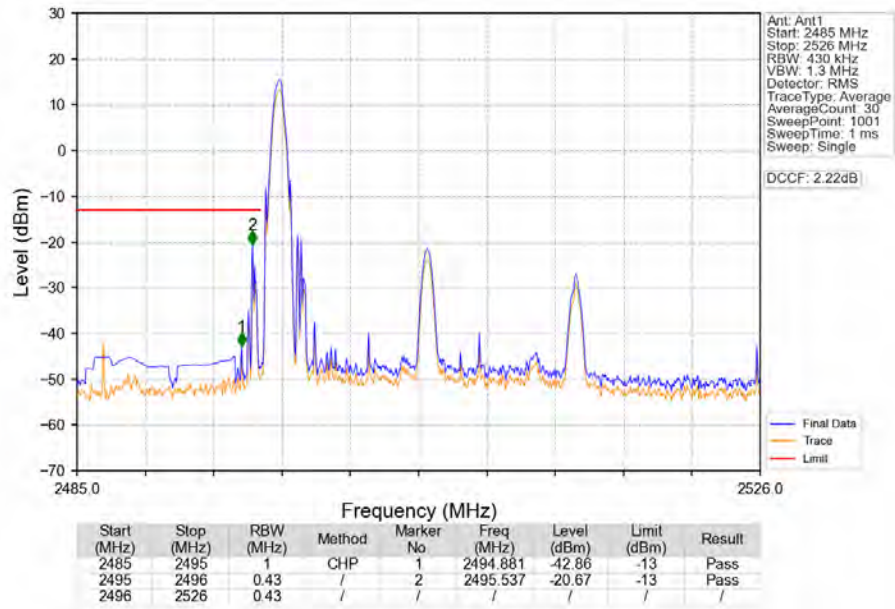
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



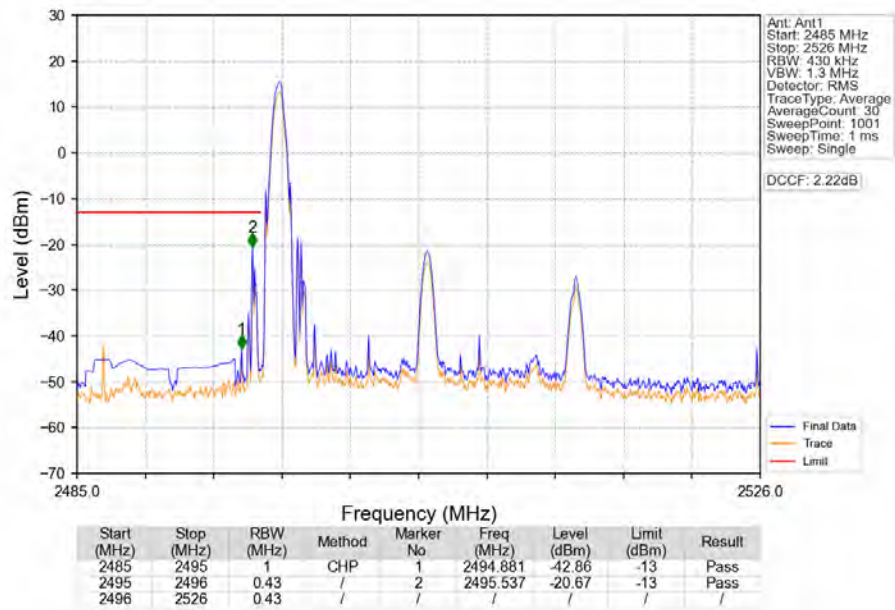
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



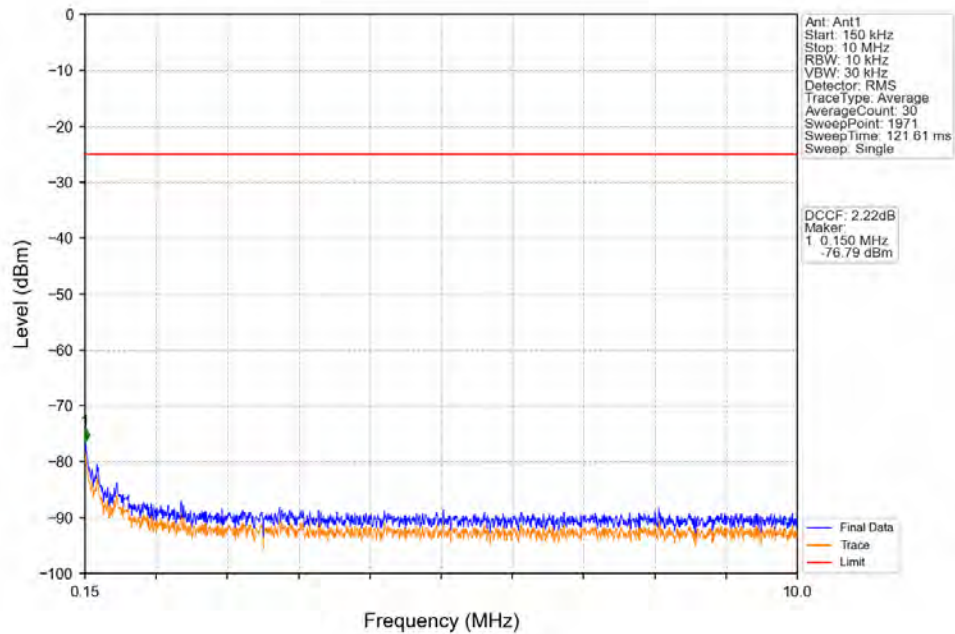
Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV



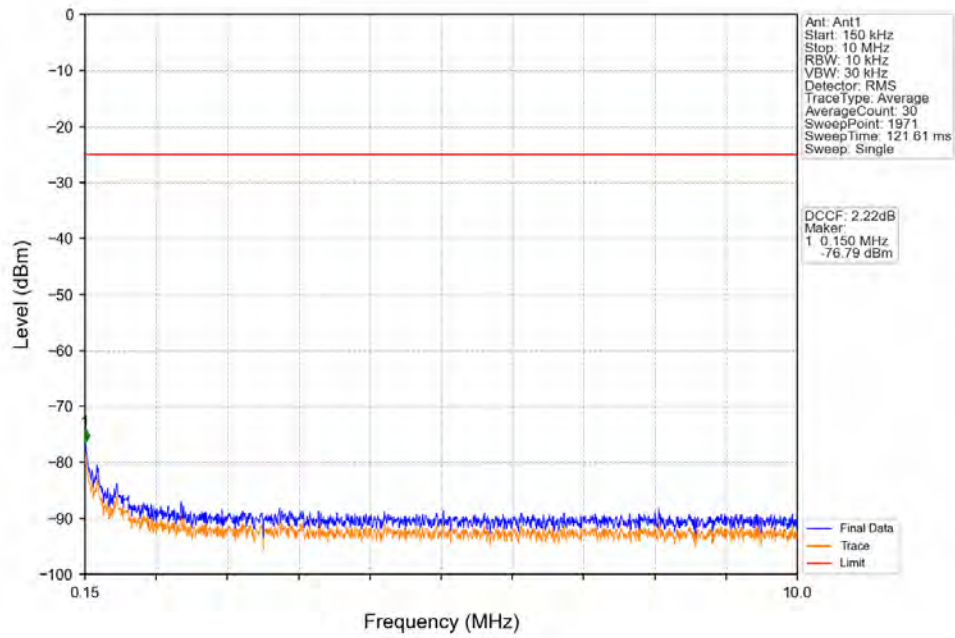
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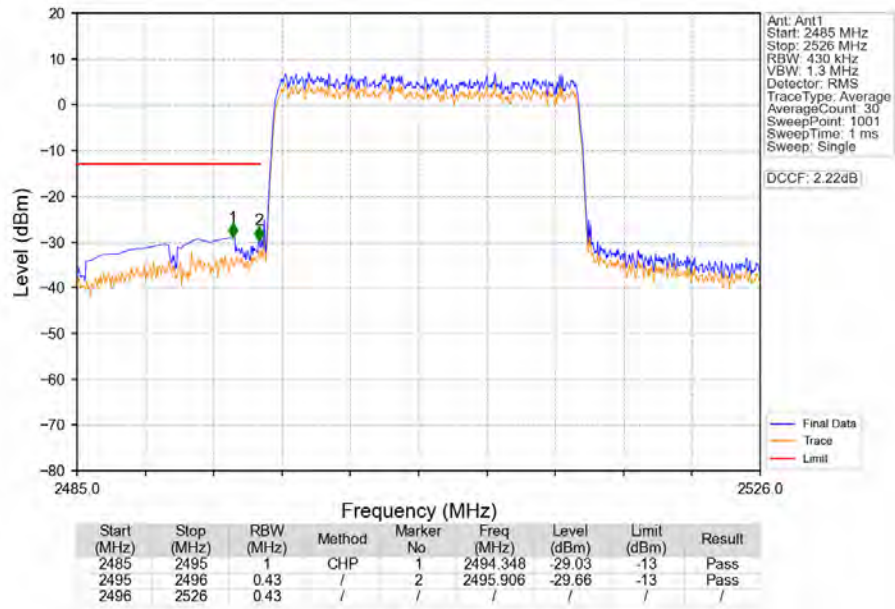
Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV



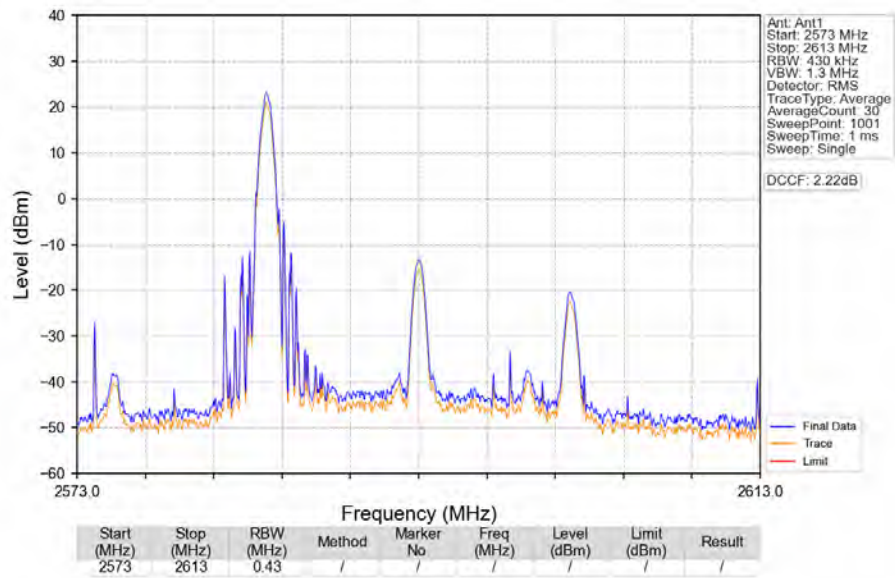
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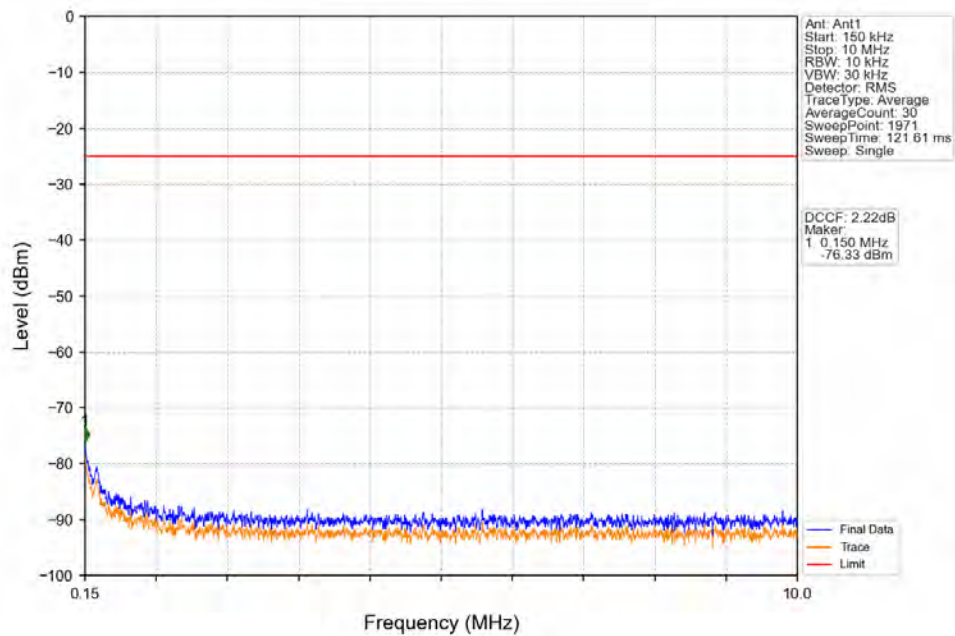
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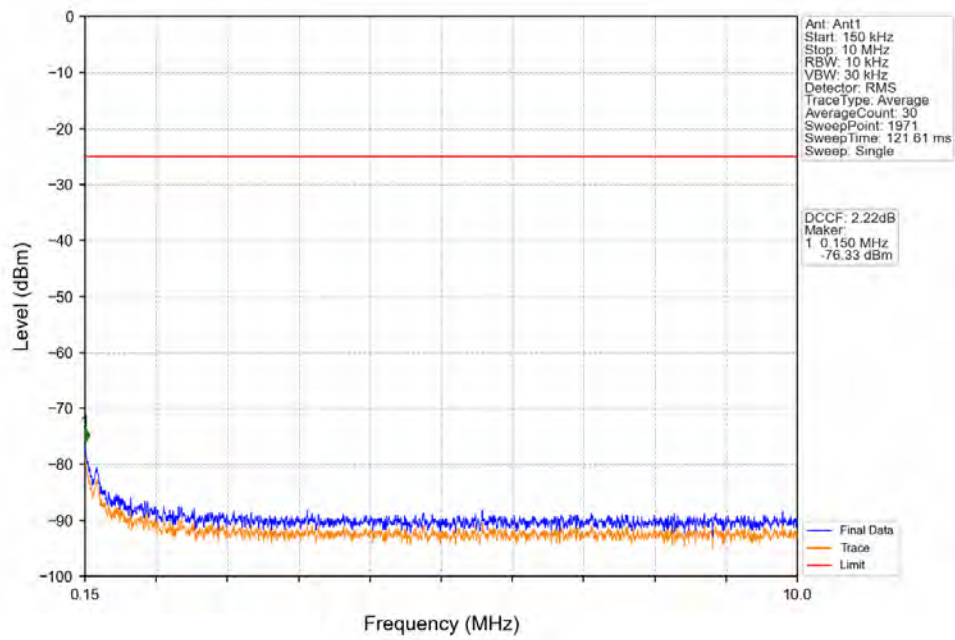
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



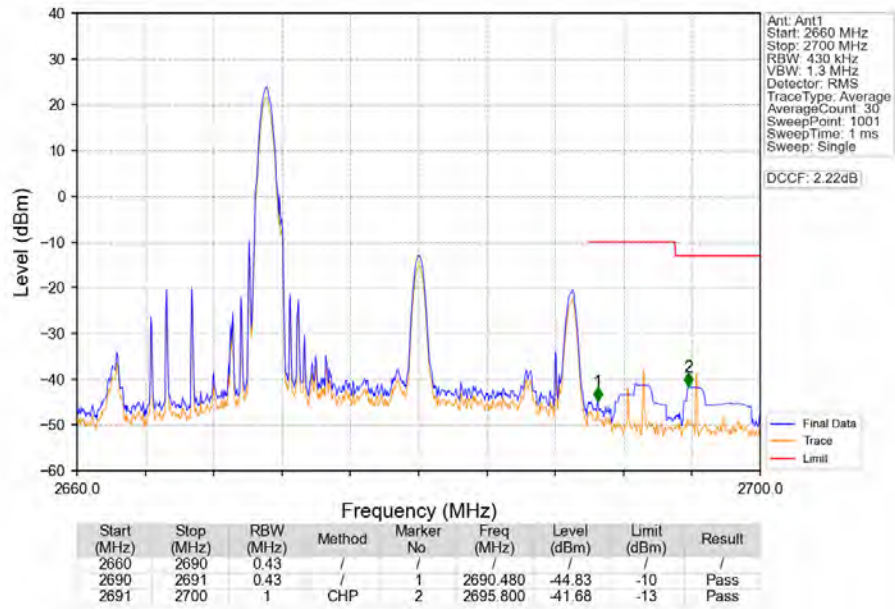
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



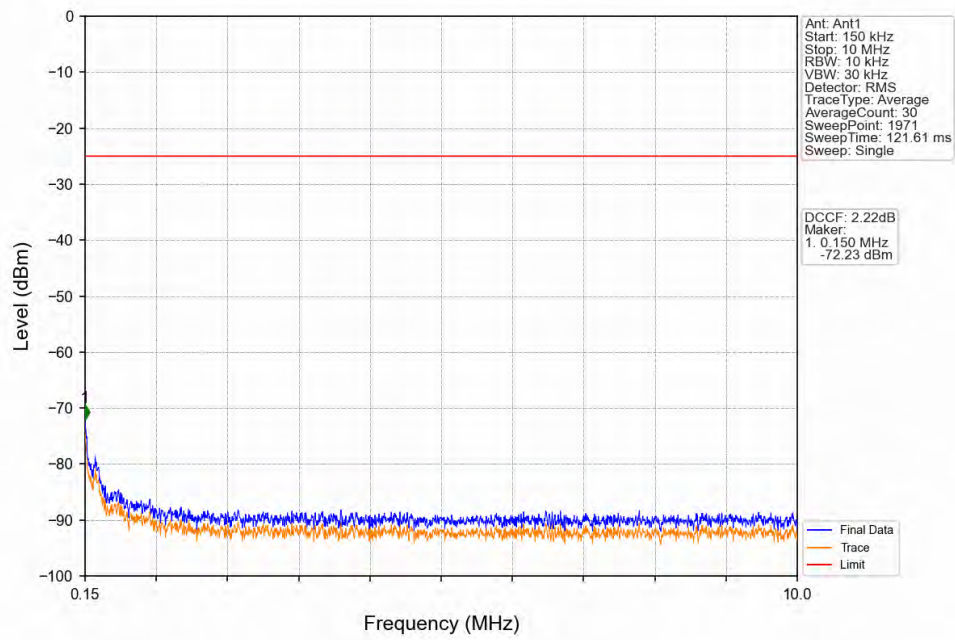
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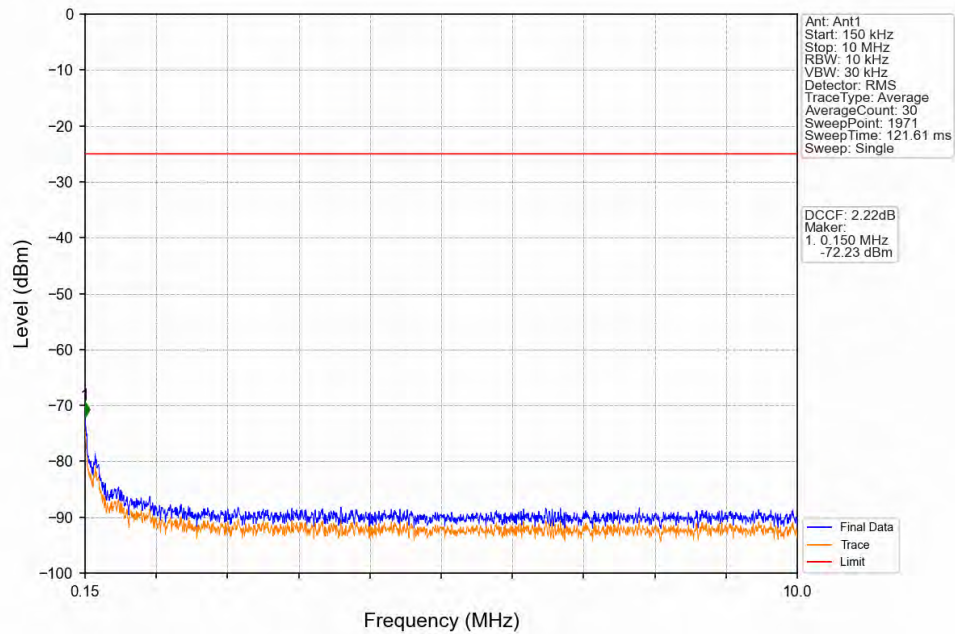
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



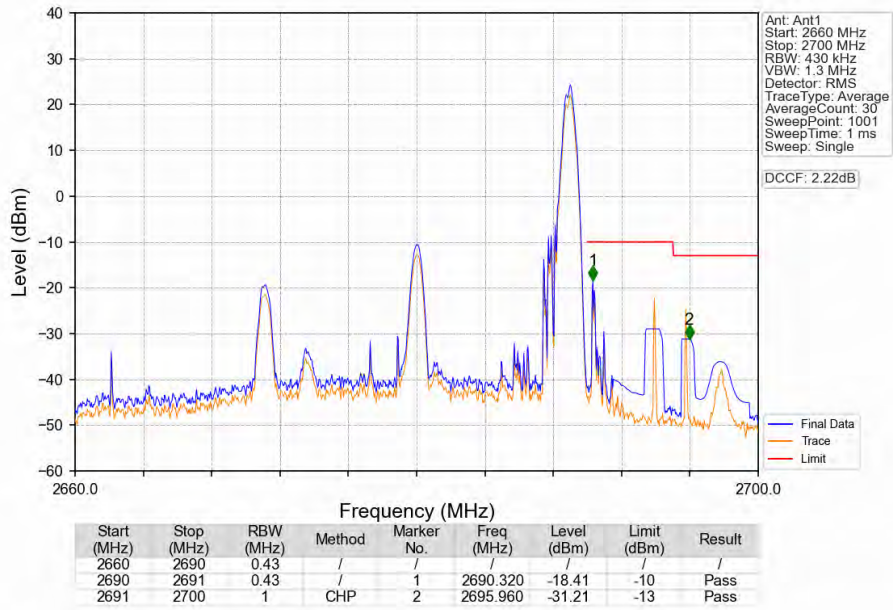
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



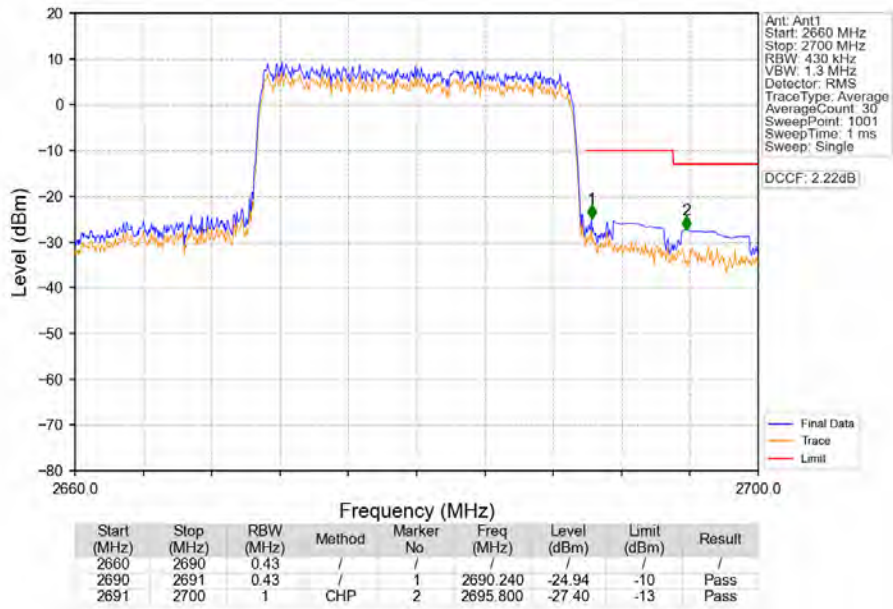
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_1_99_NTNV



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	0.3475	0.0269	ppm	4M55G7D	27M	25.41
41	5	2498.5	2687.5	0.2564	0.0154	ppm	4M57W7D	27M	24.09
41	10	2501	2685	0.3412	0.0072	ppm	9M06G7D	27M	25.33
41	10	2501	2685	0.2489	0.0073	ppm	9M07W7D	27M	23.96
41	15	2503.5	2682.5	0.3258	0.0082	ppm	13M6G7D	27M	25.13
41	15	2503.5	2682.5	0.2415	0.0064	ppm	13M7W7D	27M	23.83
41	20	2506	2680	0.3296	0.0075	ppm	18M2G7D	27M	25.18
41	20	2506	2680	0.2460	0.0064	ppm	18M1W7D	27M	23.91

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	0.3475	0.0269	ppm	4M55G7D	27M	25.41
41	5	2498.5	2687.5	0.2564	0.0154	ppm	4M57W7D	27M	24.09
41	10	2501	2685	0.3412	0.0072	ppm	9M06G7D	27M	25.33
41	10	2501	2685	0.2489	0.0073	ppm	9M07W7D	27M	23.96
41	15	2503.5	2682.5	0.3258	0.0082	ppm	13M6G7D	27M	25.13
41	15	2503.5	2682.5	0.2415	0.0064	ppm	13M7W7D	27M	23.83
41	20	2506	2680	0.3296	0.0075	ppm	18M2G7D	27M	25.18
41	20	2506	2680	0.2460	0.0064	ppm	18M1W7D	27M	23.91