1. Effective (Isotropic) Radiated Power Output Data

1.1 B41_5MHz_EIRP

1.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	22.74	3.40	26.14	<=33.01	Pass
			13	22.89	3.40	26.29	<=33.01	Pass
			24	22.74	3.40	26.14	<=33.01	Pass
		12	0	21.93	3.40	25.33	<=33.01	Pass
			6	21.94	3.40	25.34	<=33.01	Pass
			13	21.94	3.40	25.34	<=33.01	Pass
		25	0	21.92	3.40	25.32	<=33.01	Pass
	2593	1	0	22.96	3.40	26.36	<=33.01	Pass
			13	23.08	3.40	26.48	<=33.01	Pass
			24	22.96	3.40	26.36	<=33.01	Pass
		12	0	22.00	3.40	25.40	<=33.01	Pass
			6	21.98	3.40	25.38	<=33.01	Pass
			13	21.97	3.40	25.37	<=33.01	Pass
		25	0	22.00	3.40	25.40	<=33.01	Pass
	2687.5	1	0	22.86	3.40	26.26	<=33.01	Pass
			13	23.03	3.40	26.43	<=33.01	Pass
			24	22.85	3.40	26.25	<=33.01	Pass
		12	0	21.96	3.40	25.36	<=33.01	Pass
			6	22.05	3.40	25.45	<=33.01	Pass
			13	21.94	3.40	25.34	<=33.01	Pass
		25	0	22.04	3.40	25.44	<=33.01	Pass
16QAM	2498.5	1	0	22.09	3.40	25.49	<=33.01	Pass
			13	22.17	3.40	25.57	<=33.01	Pass
			24	22.07	3.40	25.47	<=33.01	Pass
		12	0	20.92	3.40	24.32	<=33.01	Pass
			6	20.93	3.40	24.33	<=33.01	Pass
			13	20.89	3.40	24.29	<=33.01	Pass
		25	0	20.91	3.40	24.31	<=33.01	Pass
	2593	1	0	21.96	3.40	25.36	<=33.01	Pass
			13	21.97	3.40	25.37	<=33.01	Pass
			24	21.90	3.40	25.30	<=33.01	Pass
		12	0	20.94	3.40	24.34	<=33.01	Pass
			6	20.99	3.40	24.39	<=33.01	Pass
			13	20.97	3.40	24.37	<=33.01	Pass
		25	0	20.99	3.40	24.39	<=33.01	Pass
	2687.5	1	0	21.71	3.40	25.11	<=33.01	Pass
			13	22.06	3.40	25.46	<=33.01	Pass
			24	22.10	3.40	25.50	<=33.01	Pass
		12	0	21.03	3.40	24.43	<=33.01	Pass
			6	20.94	3.40	24.34	<=33.01	Pass
			13	20.88	3.40	24.28	<=33.01	Pass
		25	0	21.05	3.40	24.45	<=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	22.92	3.40	26.32	<=33.01	Pass
			25	23.10	3.40	26.50	<=33.01	Pass
			49	22.90	3.40	26.30	<=33.01	Pass
		25	0	21.97	3.40	25.37	<=33.01	Pass
			13	21.96	3.40	25.36	<=33.01	Pass
			25	21.97	3.40	25.37	<=33.01	Pass
		50	0	21.89	3.40	25.29	<=33.01	Pass
	2593	1	0	23.11	3.40	26.51	<=33.01	Pass
			25	23.20	3.40	26.60	<=33.01	Pass
			49	22.99	3.40	26.39	<=33.01	Pass
		25	0	22.10	3.40	25.50	<=33.01	Pass
			13	22.02	3.40	25.42	<=33.01	Pass
			25	22.01	3.40	25.41	<=33.01	Pass
		50	0	22.07	3.40	25.47	<=33.01	Pass
	2685	1	0	23.06	3.40	26.46	<=33.01	Pass
			25	23.26	3.40	26.66	<=33.01	Pass
			49	23.01	3.40	26.41	<=33.01	Pass
		25	0	22.05	3.40	25.45	<=33.01	Pass
			13	22.03	3.40	25.43	<=33.01	Pass
			25	21.99	3.40	25.39	<=33.01	Pass
		50	0	22.03	3.40	25.43	<=33.01	Pass
16QAM	2501	1	0	21.97	3.40	25.37	<=33.01	Pass
			25	22.17	3.40	25.57	<=33.01	Pass
			49	22.02	3.40	25.42	<=33.01	Pass
		25	0	21.00	3.40	24.40	<=33.01	Pass
			13	21.02	3.40	24.42	<=33.01	Pass
			25	21.00	3.40	24.40	<=33.01	Pass
		50	0	21.02	3.40	24.42	<=33.01	Pass
	2593	1	0	21.89	3.40	25.29	<=33.01	Pass
			25	22.10	3.40	25.50	<=33.01	Pass
			49	21.85	3.40	25.25	<=33.01	Pass
		25	0	21.14	3.40	24.54	<=33.01	Pass
			13	21.07	3.40	24.47	<=33.01	Pass
			25	21.08	3.40	24.48	<=33.01	Pass
		50	0	21.05	3.40	24.45	<=33.01	Pass
	2685	1	0	21.97	3.40	25.37	<=33.01	Pass
			25	22.37	3.40	25.77	<=33.01	Pass
			49	21.87	3.40	25.27	<=33.01	Pass
		25	0	21.18	3.40	24.58	<=33.01	Pass
			13	21.10	3.40	24.50	<=33.01	Pass
			25	21.02	3.40	24.42	<=33.01	Pass
		50	0	21.02	3.40	24.42	<=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	22.84	3.40	26.24	<=33.01	Pass
			38	22.94	3.40	26.34	<=33.01	Pass
			74	22.77	3.40	26.17	<=33.01	Pass
		36	0	21.92	3.40	25.32	<=33.01	Pass
			18	21.95	3.40	25.35	<=33.01	Pass
			39	21.93	3.40	25.33	<=33.01	Pass
		75	0	21.93	3.40	25.33	<=33.01	Pass
	2593	1	0	23.02	3.40	26.42	<=33.01	Pass
			38	23.09	3.40	26.49	<=33.01	Pass
			74	22.91	3.40	26.31	<=33.01	Pass
		36	0	22.09	3.40	25.49	<=33.01	Pass
			18	22.07	3.40	25.47	<=33.01	Pass
			39	22.01	3.40	25.41	<=33.01	Pass
		75	0	22.05	3.40	25.45	<=33.01	Pass
	2682.5	1	0	22.97	3.40	26.37	<=33.01	Pass
			38	22.99	3.40	26.39	<=33.01	Pass
			74	22.89	3.40	26.29	<=33.01	Pass
		36	0	22.13	3.40	25.53	<=33.01	Pass
			18	22.06	3.40	25.46	<=33.01	Pass
			39	22.01	3.40	25.41	<=33.01	Pass
		75	0	22.07	3.40	25.47	<=33.01	Pass
16QAM	2503.5	1	0	21.95	3.40	25.35	<=33.01	Pass
			38	21.79	3.40	25.19	<=33.01	Pass
			74	21.90	3.40	25.30	<=33.01	Pass
		36	0	20.90	3.40	24.30	<=33.01	Pass
			18	20.94	3.40	24.34	<=33.01	Pass
			39	20.92	3.40	24.32	<=33.01	Pass
		75	0	20.88	3.40	24.28	<=33.01	Pass
	2593	1	0	21.92	3.40	25.32	<=33.01	Pass
			38	21.82	3.40	25.22	<=33.01	Pass
			74	21.70	3.40	25.10	<=33.01	Pass
		36	0	21.01	3.40	24.41	<=33.01	Pass
			18	21.10	3.40	24.50	<=33.01	Pass
			39	20.92	3.40	24.32	<=33.01	Pass
		75	0	21.03	3.40	24.43	<=33.01	Pass
	2682.5	1	0	22.05	3.40	25.45	<=33.01	Pass
			38	21.94	3.40	25.34	<=33.01	Pass
			74	22.25	3.40	25.65	<=33.01	Pass
		36	0	21.03	3.40	24.43	<=33.01	Pass
			18	21.09	3.40	24.49	<=33.01	Pass
			39	20.95	3.40	24.35	<=33.01	Pass
		75	0	21.07	3.40	24.47	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B41_20MHz_EIRP

1.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	22.84	3.40	26.24	<=33.01	Pass
			50	23.16	3.40	26.56	<=33.01	Pass
			99	22.78	3.40	26.18	<=33.01	Pass
		50	0	21.88	3.40	25.28	<=33.01	Pass
			25	21.92	3.40	25.32	<=33.01	Pass
			50	21.89	3.40	25.29	<=33.01	Pass
		100	0	21.88	3.40	25.28	<=33.01	Pass
	2593	1	0	22.98	3.40	26.38	<=33.01	Pass
			50	23.27	3.40	26.67	<=33.01	Pass
			99	22.87	3.40	26.27	<=33.01	Pass
		50	0	22.04	3.40	25.44	<=33.01	Pass
			25	22.02	3.40	25.42	<=33.01	Pass
			50	21.98	3.40	25.38	<=33.01	Pass
		100	0	21.99	3.40	25.39	<=33.01	Pass
	2680	1	0	22.99	3.40	26.39	<=33.01	Pass
			50	23.03	3.40	26.43	<=33.01	Pass
			99	22.89	3.40	26.29	<=33.01	Pass
		50	0	21.99	3.40	25.39	<=33.01	Pass
			25	22.03	3.40	25.43	<=33.01	Pass
			50	21.90	3.40	25.30	<=33.01	Pass
		100	0	21.98	3.40	25.38	<=33.01	Pass
16QAM	2506	1	0	22.13	3.40	25.53	<=33.01	Pass
			50	22.42	3.40	25.82	<=33.01	Pass
			99	22.06	3.40	25.46	<=33.01	Pass
		50	0	20.90	3.40	24.30	<=33.01	Pass
			25	20.98	3.40	24.38	<=33.01	Pass
			50	20.96	3.40	24.36	<=33.01	Pass
		100	0	20.92	3.40	24.32	<=33.01	Pass
	2593	1	0	21.65	3.40	25.05	<=33.01	Pass
			50	21.96	3.40	25.36	<=33.01	Pass
			99	22.01	3.40	25.41	<=33.01	Pass
		50	0	21.10	3.40	24.50	<=33.01	Pass
			25	21.06	3.40	24.46	<=33.01	Pass
			50	20.96	3.40	24.36	<=33.01	Pass
		100	0	21.05	3.40	24.45	<=33.01	Pass
	2680	1	0	21.97	3.40	25.37	<=33.01	Pass
			50	22.35	3.40	25.75	<=33.01	Pass
			99	21.95	3.40	25.35	<=33.01	Pass
		50	0	21.01	3.40	24.41	<=33.01	Pass
			25	21.05	3.40	24.45	<=33.01	Pass
			50	20.89	3.40	24.29	<=33.01	Pass
		100	0	20.99	3.40	24.39	<=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	3.6	15.106	0.0060	-2.5 to 2.5	Pass
					3.85	3.591	0.0014	-2.5 to 2.5	Pass
					4.4	-3.862	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-3.819	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-8.440	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	0.315	0.0001	-2.5 to 2.5	Pass
				0	3.85	-4.749	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-9.871	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-8.454	-0.0034	-2.5 to 2.5	Pass
				40	3.85	0.114	0.0000	-2.5 to 2.5	Pass
				50	3.85	-6.380	-0.0026	-2.5 to 2.5	Pass
	2593	25	0	20	3.6	37.909	0.0146	-2.5 to 2.5	Pass
					3.85	38.996	0.0150	-2.5 to 2.5	Pass
					4.4	36.864	0.0142	-2.5 to 2.5	Pass
				-30	3.85	21.472	0.0083	-2.5 to 2.5	Pass
				-20	3.85	17.595	0.0068	-2.5 to 2.5	Pass
				-10	3.85	29.168	0.0112	-2.5 to 2.5	Pass
				0	3.85	26.021	0.0100	-2.5 to 2.5	Pass
				10	3.85	28.567	0.0110	-2.5 to 2.5	Pass
				30	3.85	28.610	0.0110	-2.5 to 2.5	Pass
				40	3.85	25.549	0.0099	-2.5 to 2.5	Pass
				50	3.85	10.972	0.0042	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.6	-0.486	-0.0002	-2.5 to 2.5	Pass
					3.85	-6.409	-0.0024	-2.5 to 2.5	Pass
					4.4	-19.326	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-8.569	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-14.019	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-30.227	-0.0112	-2.5 to 2.5	Pass
				0	3.85	-29.140	-0.0108	-2.5 to 2.5	Pass
				10	3.85	-36.864	-0.0137	-2.5 to 2.5	Pass
				30	3.85	-30.398	-0.0113	-2.5 to 2.5	Pass
				40	3.85	-19.541	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-31.829	-0.0118	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	3.6	-9.956	-0.0040	-2.5 to 2.5	Pass
					3.85	-2.189	-0.0009	-2.5 to 2.5	Pass
					4.4	-6.151	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	13.332	0.0053	-2.5 to 2.5	Pass
				-20	3.85	2.003	0.0008	-2.5 to 2.5	Pass
				-10	3.85	10.715	0.0043	-2.5 to 2.5	Pass
				0	3.85	12.116	0.0048	-2.5 to 2.5	Pass
				10	3.85	16.437	0.0066	-2.5 to 2.5	Pass
				30	3.85	6.423	0.0026	-2.5 to 2.5	Pass
				40	3.85	2.918	0.0012	-2.5 to 2.5	Pass
				50	3.85	9.170	0.0037	-2.5 to 2.5	Pass
	2593	25	0	20	3.6	9.470	0.0037	-2.5 to 2.5	Pass
					3.85	21.930	0.0085	-2.5 to 2.5	Pass
					4.4	34.018	0.0131	-2.5 to 2.5	Pass
				-30	3.85	32.558	0.0126	-2.5 to 2.5	Pass
				-20	3.85	32.272	0.0124	-2.5 to 2.5	Pass

				-10	3.85	31.929	0.0123	-2.5 to 2.5	Pass
				0	3.85	37.279	0.0144	-2.5 to 2.5	Pass
				10	3.85	34.146	0.0132	-2.5 to 2.5	Pass
				30	3.85	46.306	0.0179	-2.5 to 2.5	Pass
				40	3.85	44.317	0.0171	-2.5 to 2.5	Pass
				50	3.85	32.558	0.0126	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.6	-23.789	-0.0089	-2.5 to 2.5	Pass
					3.85	-23.532	-0.0088	-2.5 to 2.5	Pass
					4.4	-26.937	-0.0100	-2.5 to 2.5	Pass
				-30	3.85	-25.349	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-14.019	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-22.759	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-27.723	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-22.216	-0.0083	-2.5 to 2.5	Pass
				30	3.85	-15.306	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-24.805	-0.0092	-2.5 to 2.5	Pass
				50	3.85	-15.421	-0.0057	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

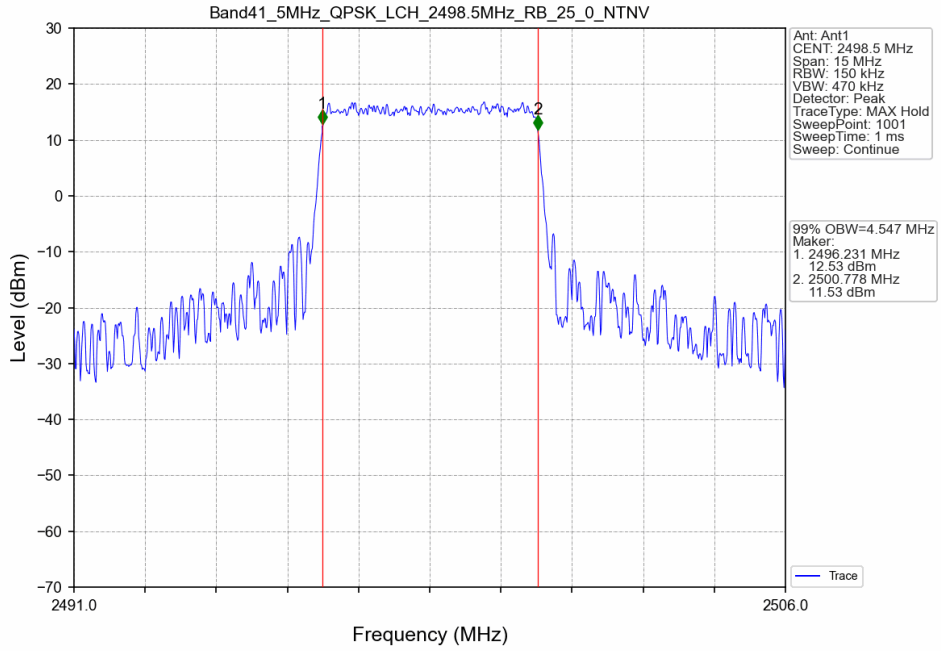
3.1 Band41_OBW

3.1.1 Test Result

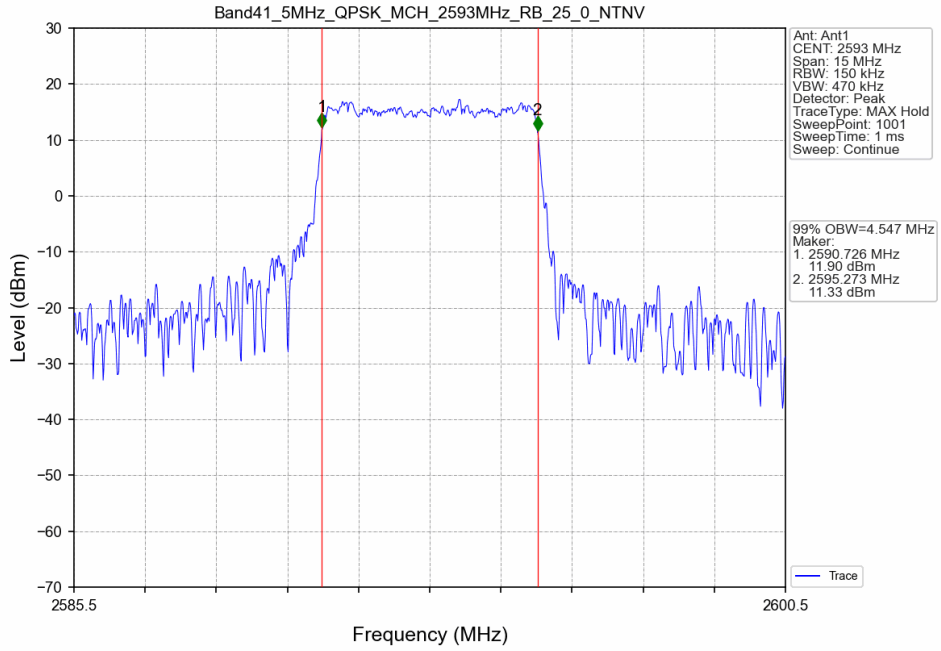
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	4.547	/	Pass
		2593	25	0	4.547	/	Pass
		2687.5	25	0	4.549	/	Pass
	16QAM	2498.5	25	0	4.542	/	Pass
		2593	25	0	4.533	/	Pass
		2687.5	25	0	4.532	/	Pass
10	QPSK	2501	50	0	9.058	/	Pass
		2593	50	0	9.065	/	Pass
		2685	50	0	9.076	/	Pass
	16QAM	2501	50	0	9.054	/	Pass
		2593	50	0	9.042	/	Pass
		2685	50	0	9.073	/	Pass
15	QPSK	2503.5	75	0	13.606	/	Pass
		2593	75	0	13.600	/	Pass
		2682.5	75	0	13.560	/	Pass
	16QAM	2503.5	75	0	13.567	/	Pass
		2593	75	0	13.582	/	Pass
		2682.5	75	0	13.645	/	Pass
20	QPSK	2506	100	0	18.140	/	Pass
		2593	100	0	18.074	/	Pass
		2680	100	0	18.086	/	Pass
	16QAM	2506	100	0	18.078	/	Pass
		2593	100	0	18.116	/	Pass
		2680	100	0	18.067	/	Pass

3.1.2 Test Graph

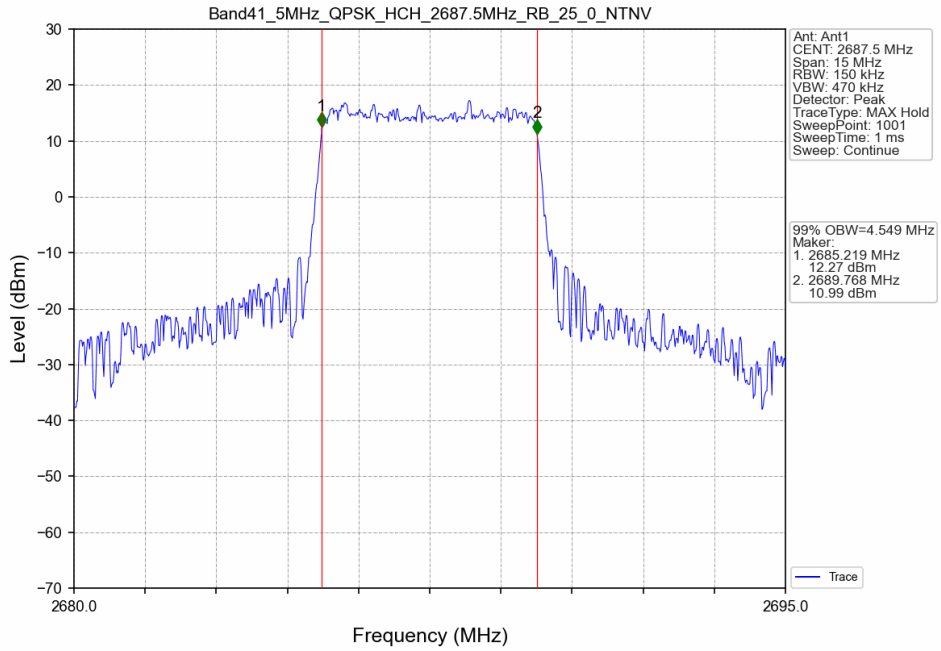
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



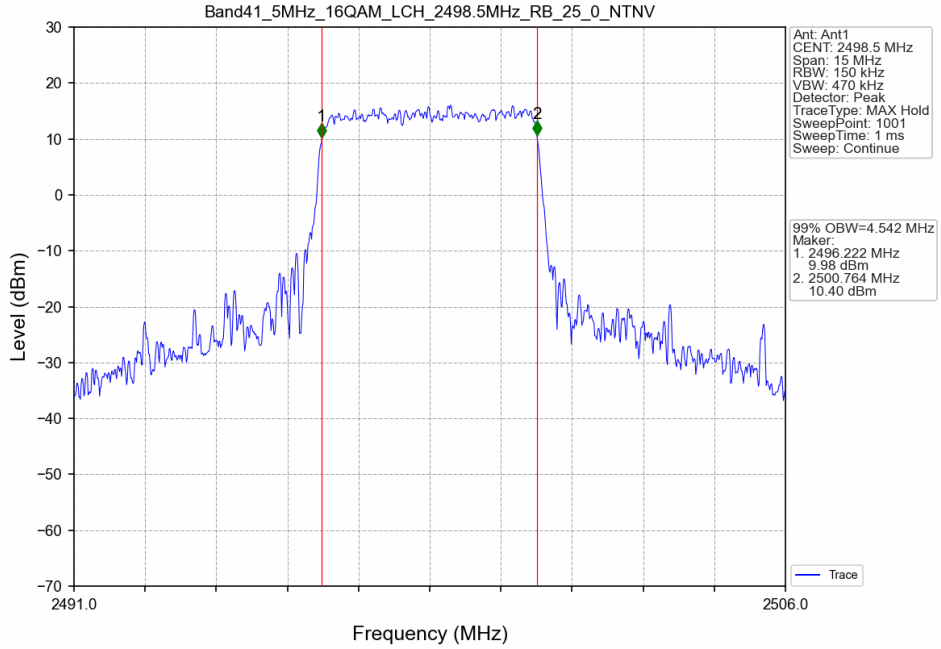
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



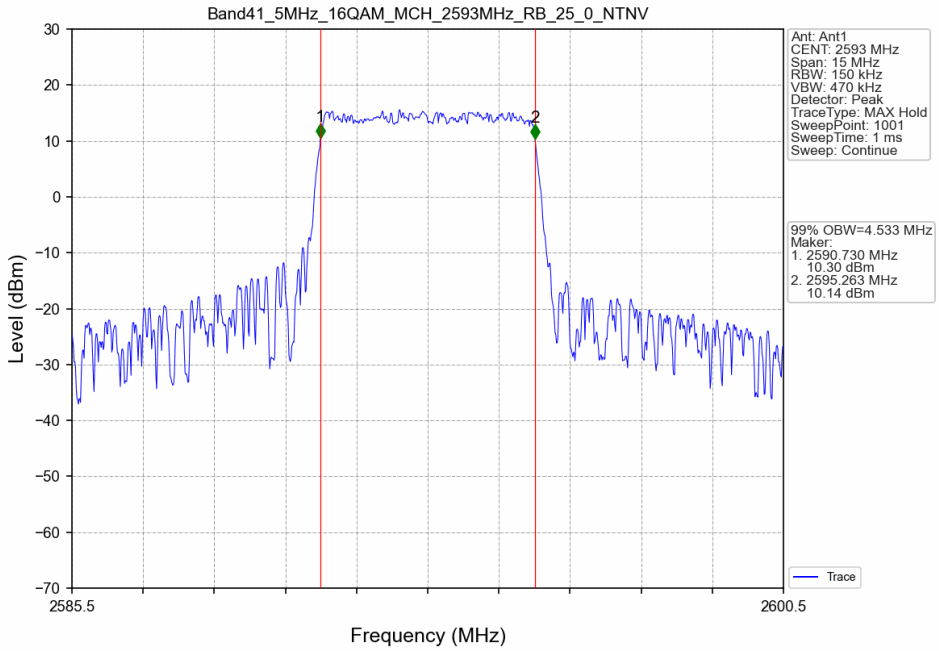
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



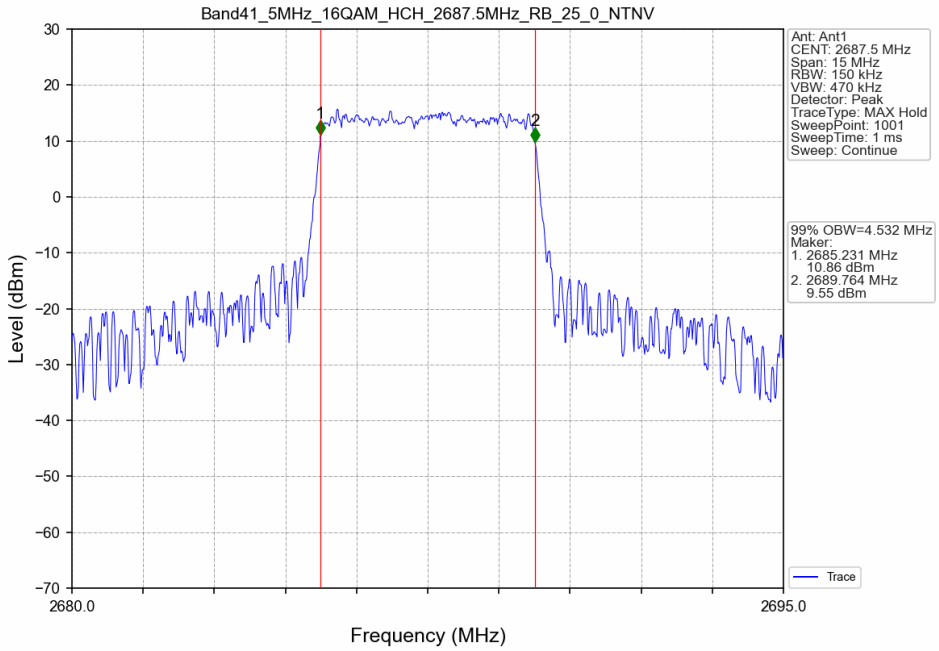
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



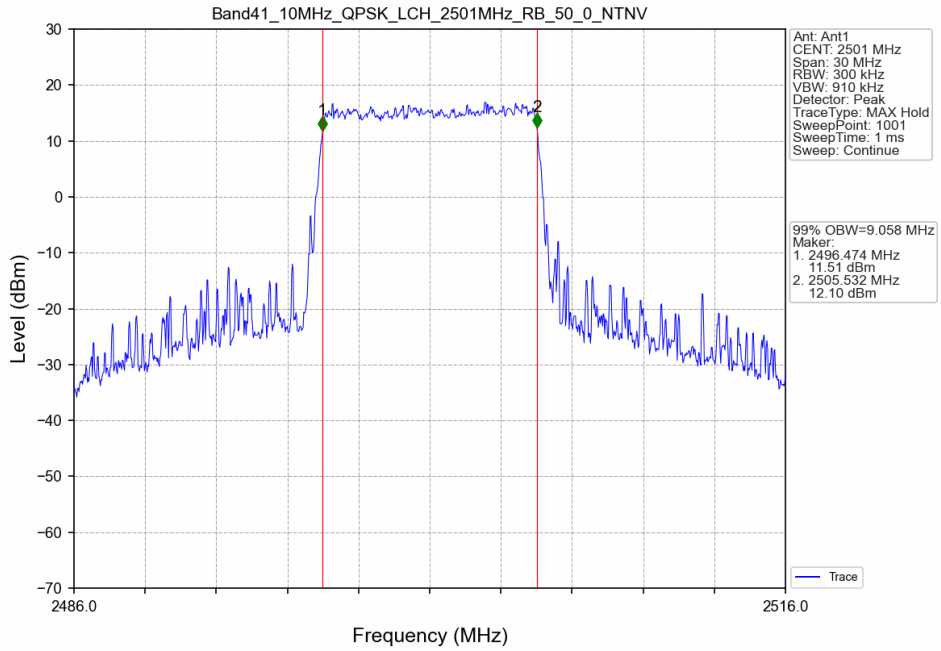
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



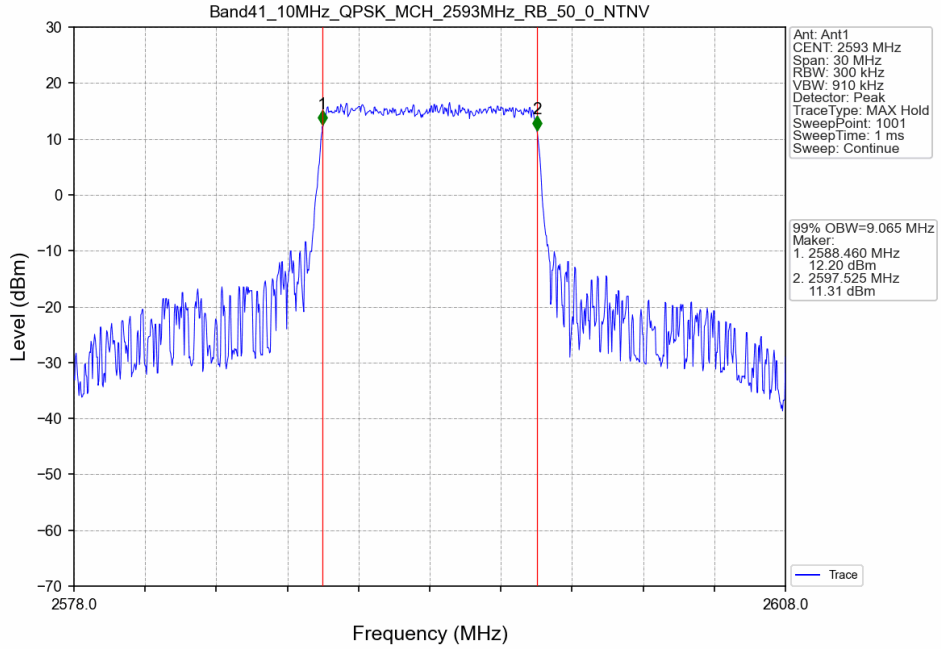
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



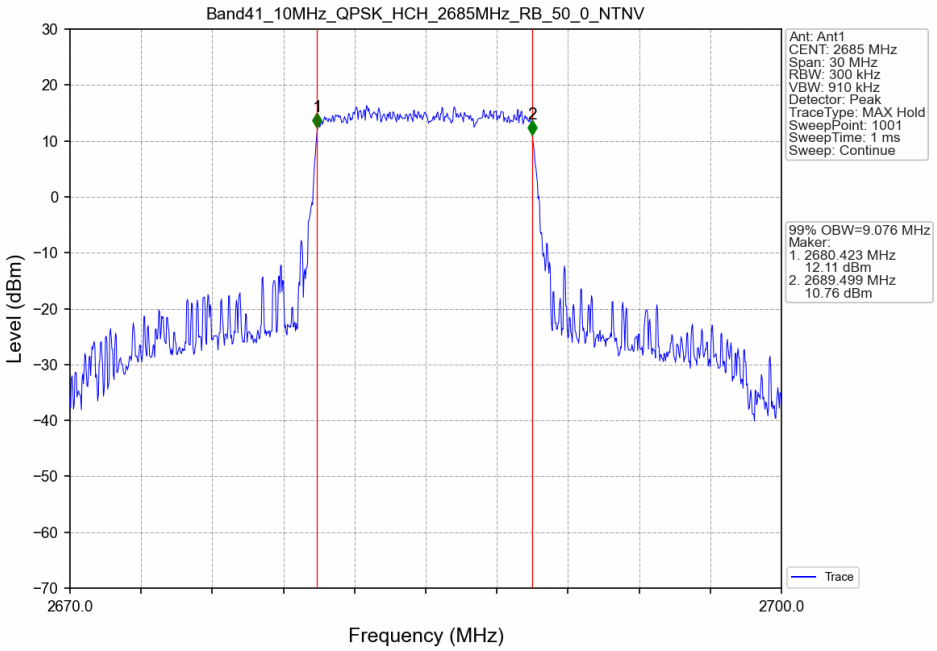
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



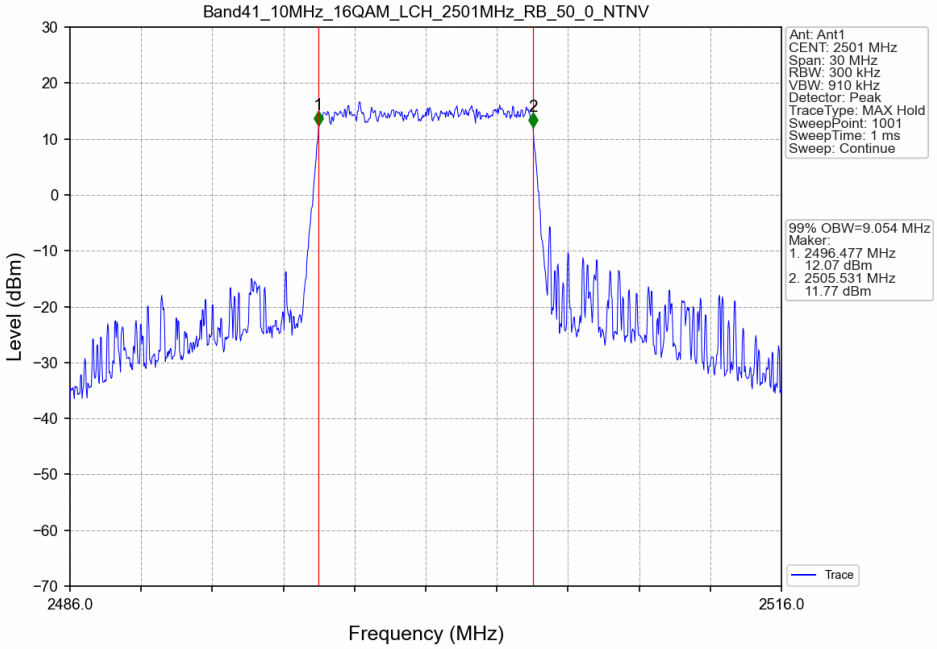
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



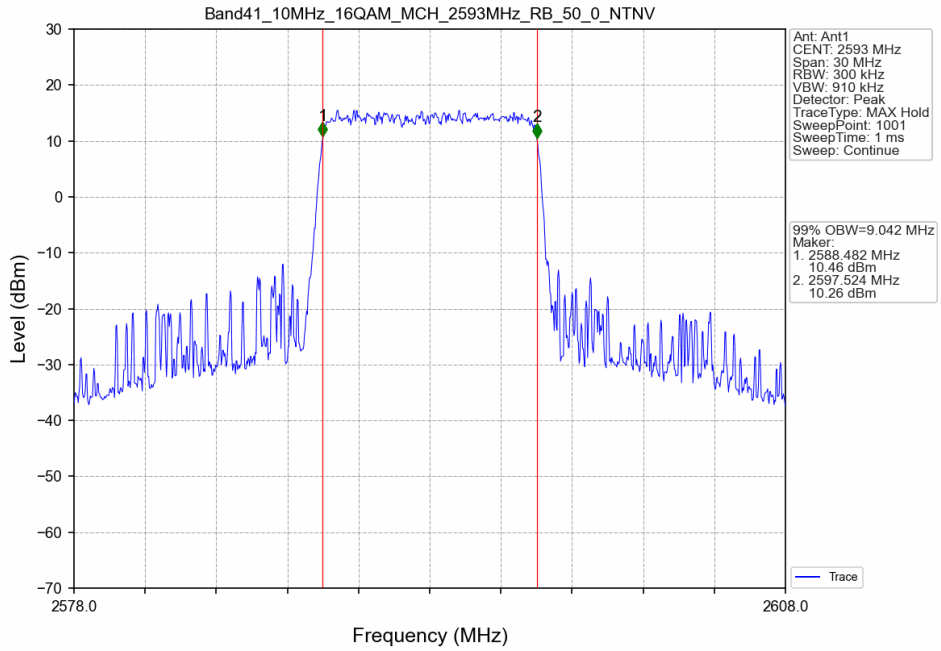
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



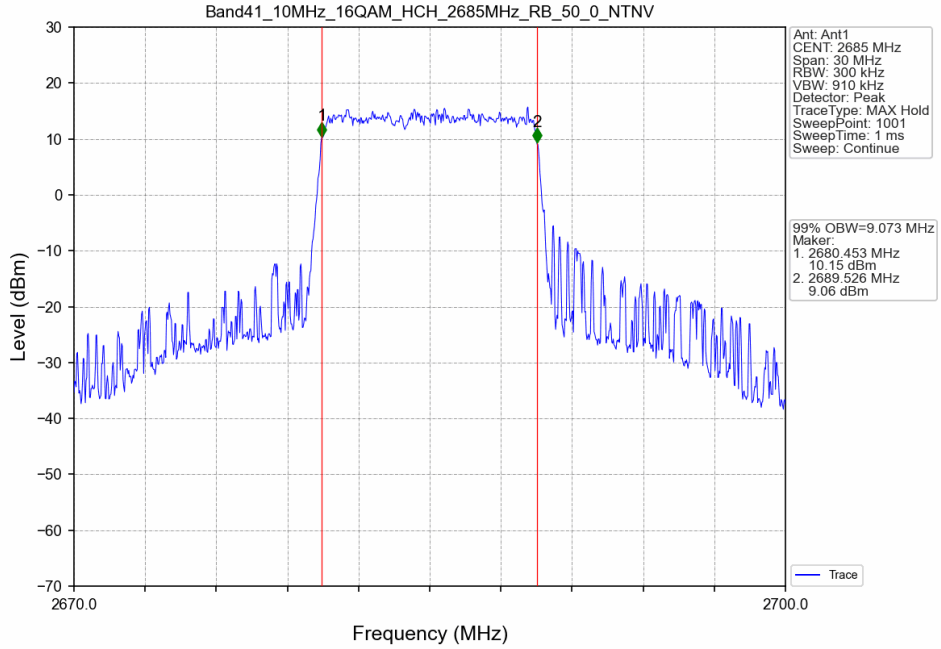
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



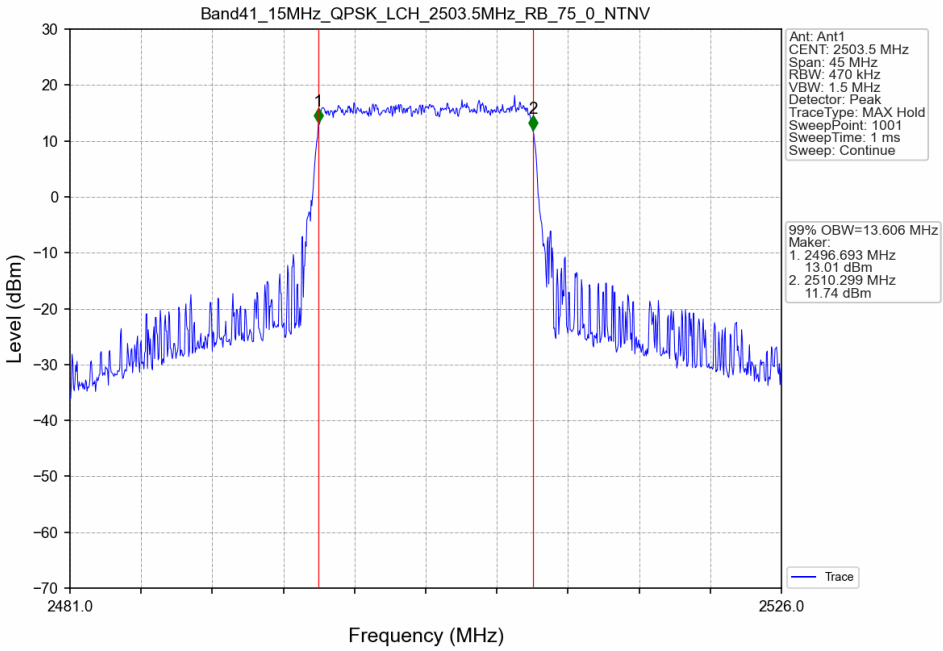
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



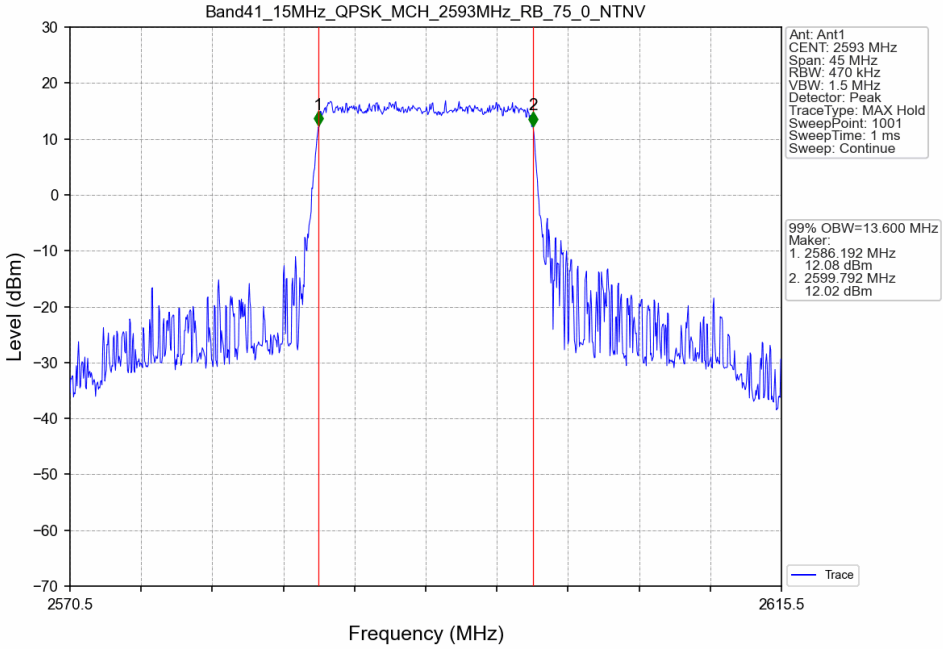
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



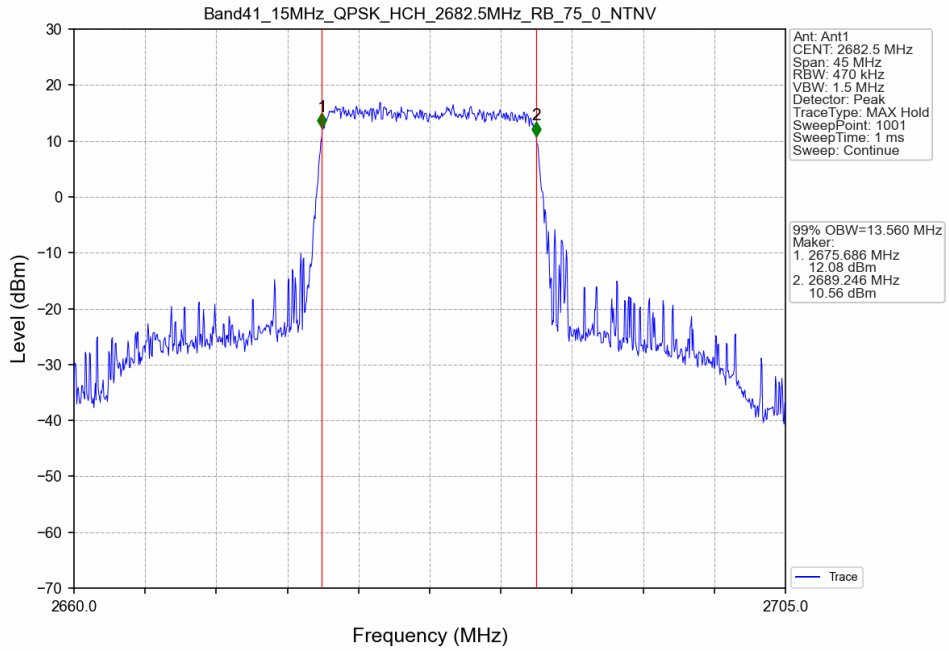
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



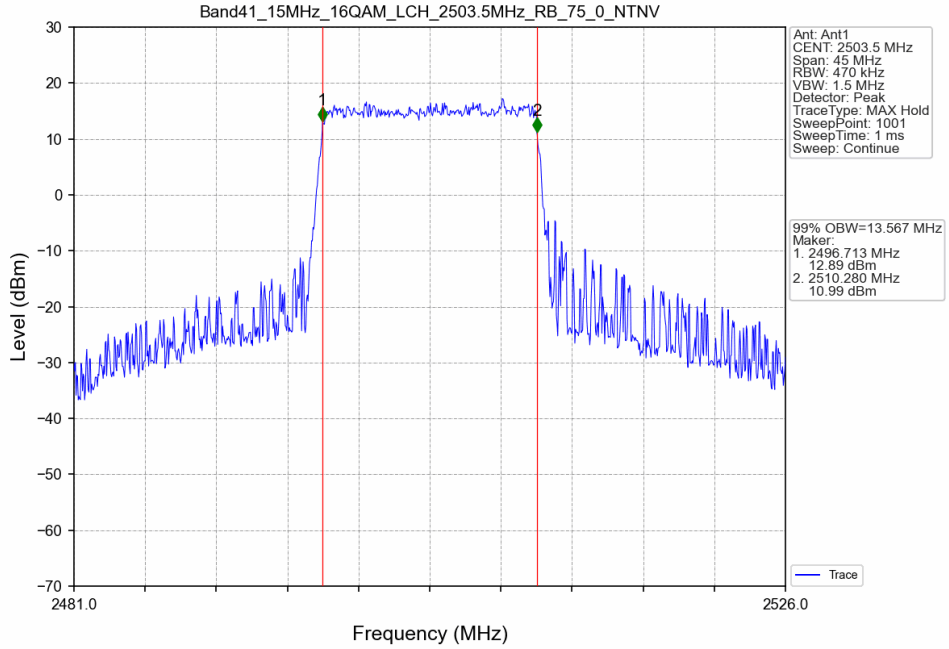
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



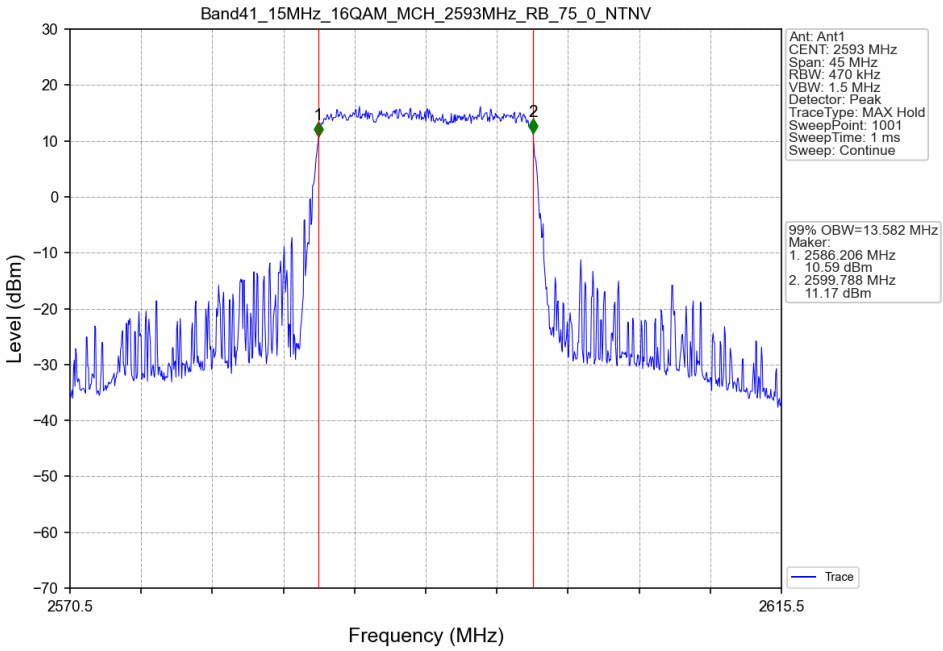
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



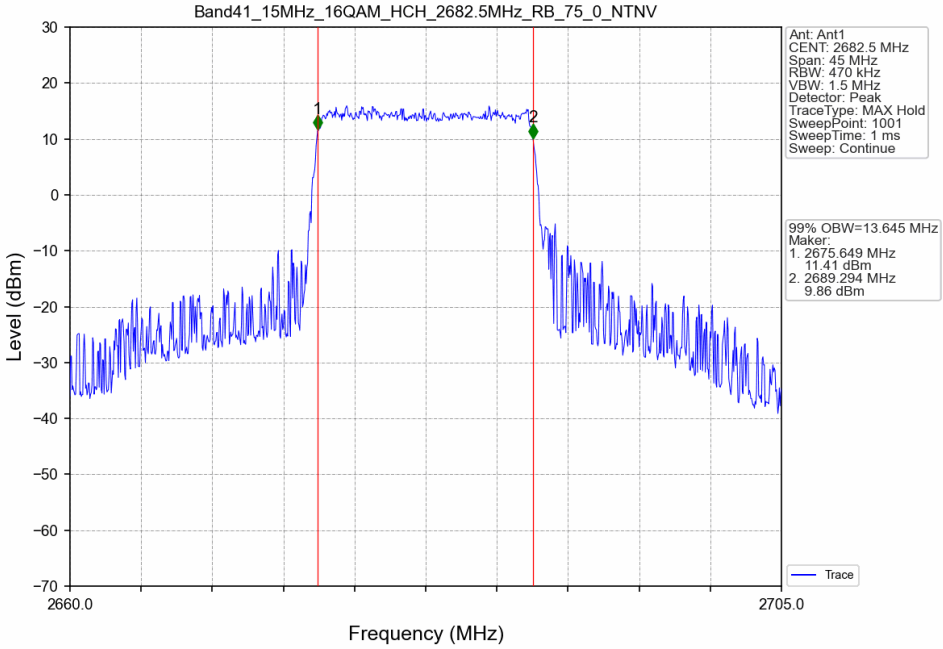
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



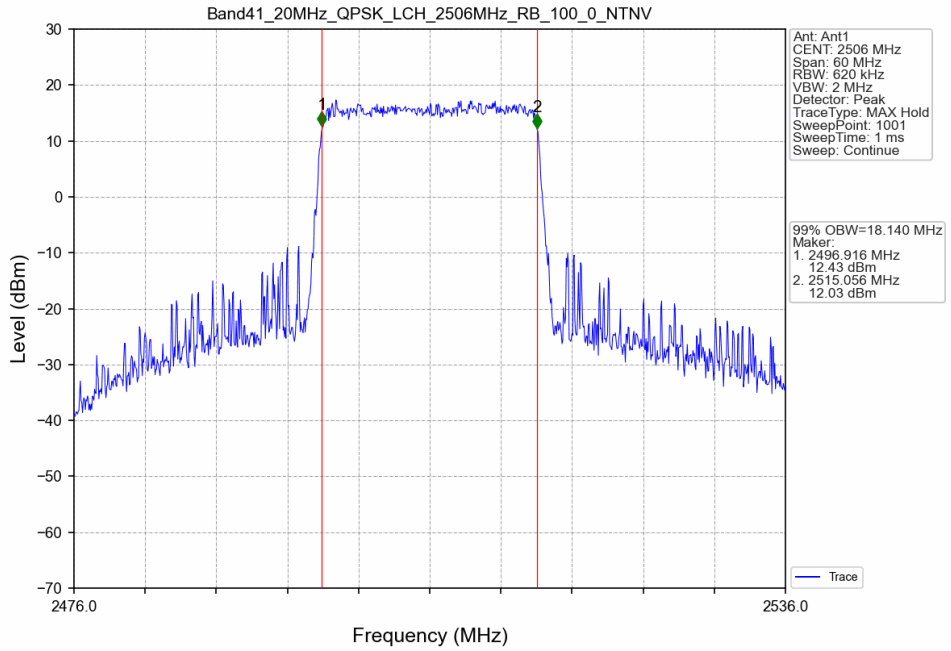
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



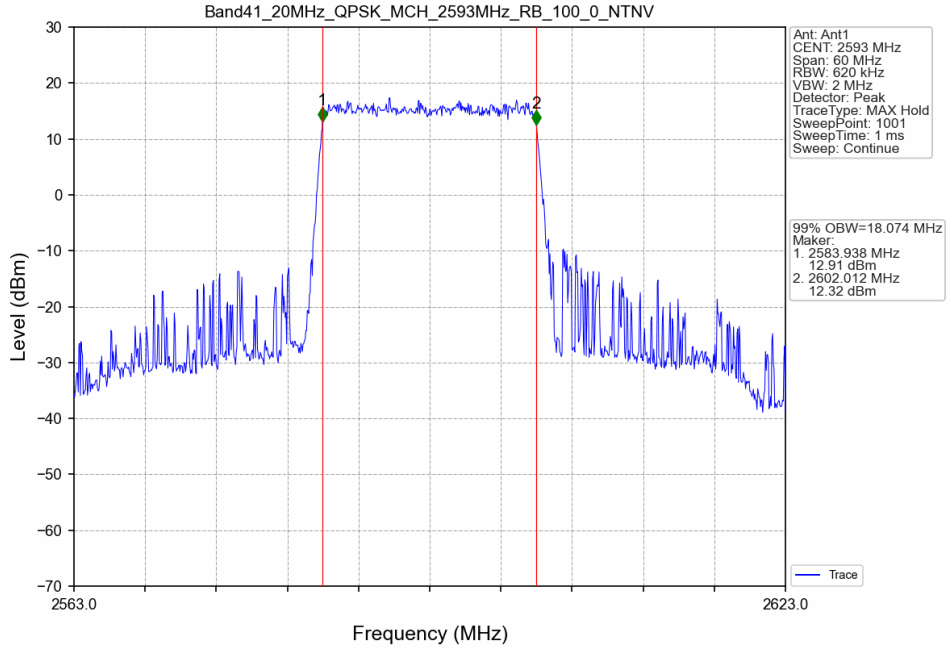
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



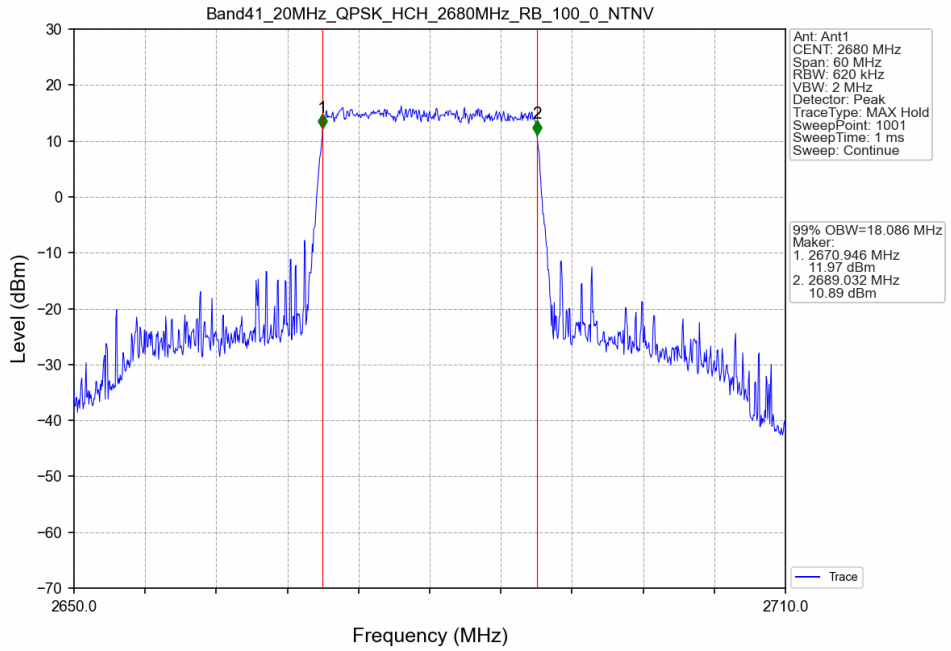
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



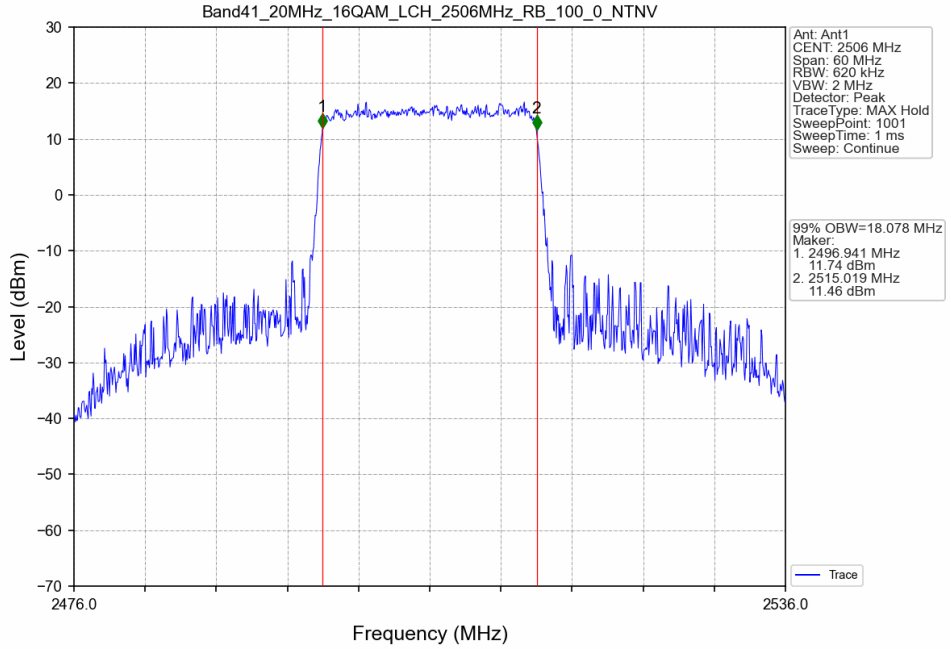
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



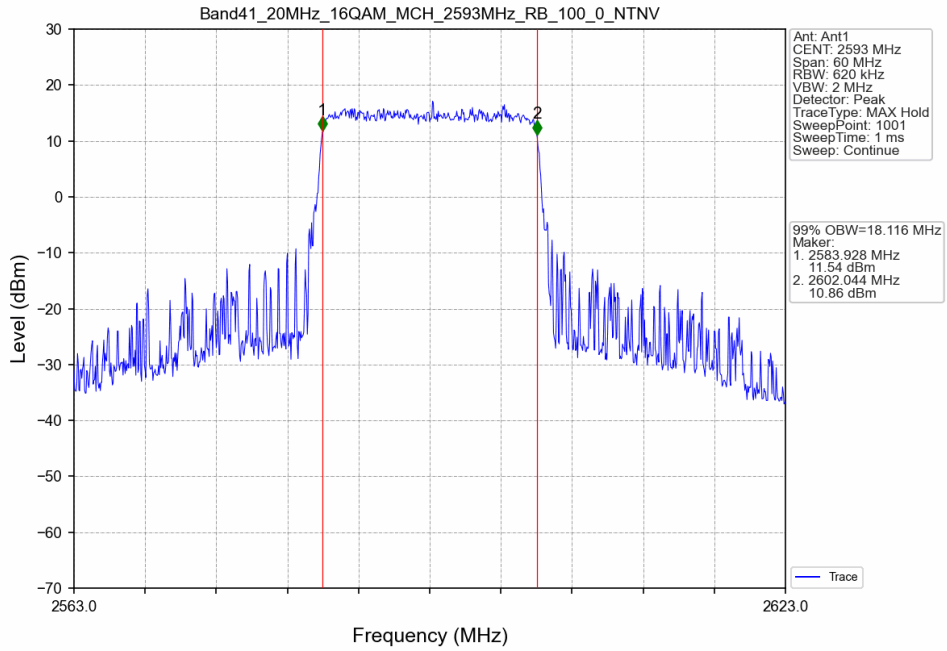
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



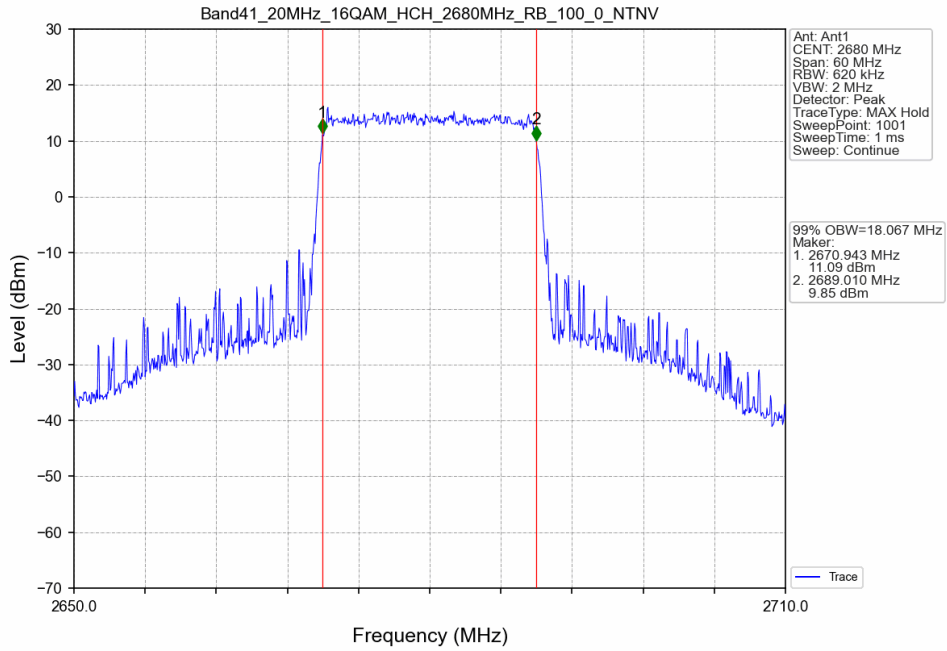
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



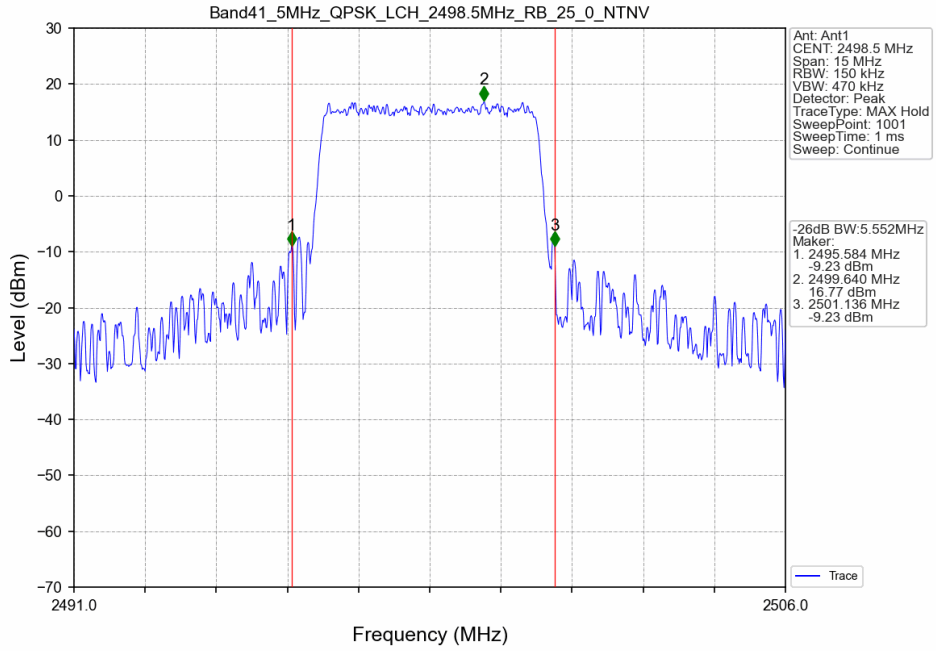
3.2 Band41_XDB

3.2.1 Test Result

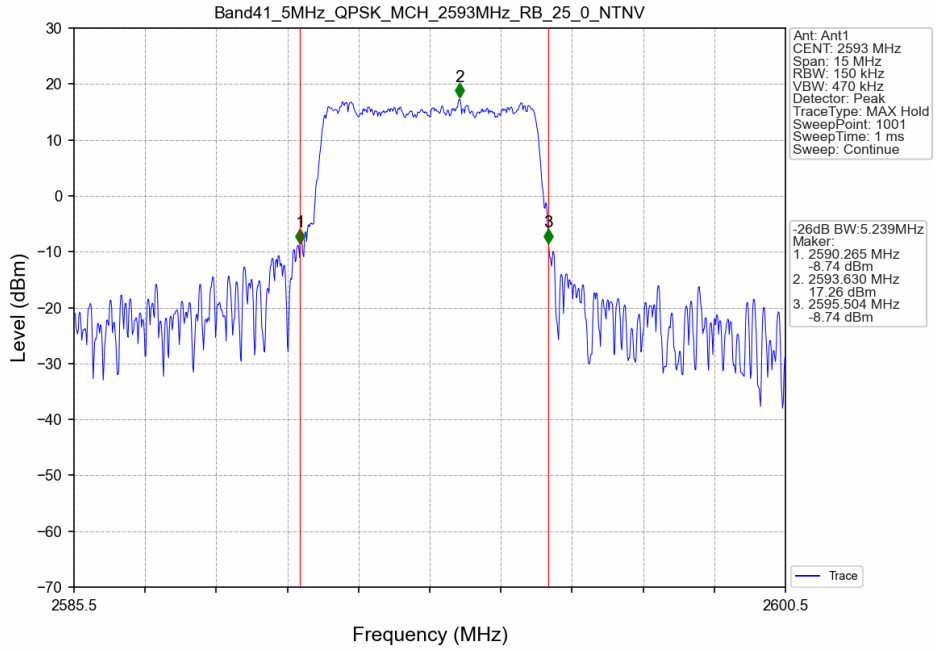
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.552	/	Pass
		2593	25	0	5.239	/	Pass
		2687.5	25	0	5.006	/	Pass
	16QAM	2498.5	25	0	5.120	/	Pass
		2593	25	0	5.164	/	Pass
		2687.5	25	0	5.103	/	Pass
10	QPSK	2501	50	0	10.506	/	Pass
		2593	50	0	10.262	/	Pass
		2685	50	0	10.427	/	Pass
	16QAM	2501	50	0	10.220	/	Pass
		2593	50	0	9.831	/	Pass
		2685	50	0	11.238	/	Pass
15	QPSK	2503.5	75	0	15.774	/	Pass
		2593	75	0	16.237	/	Pass
		2682.5	75	0	15.839	/	Pass
	16QAM	2503.5	75	0	15.855	/	Pass
		2593	75	0	16.437	/	Pass
		2682.5	75	0	18.331	/	Pass
20	QPSK	2506	100	0	19.558	/	Pass
		2593	100	0	19.874	/	Pass
		2680	100	0	20.498	/	Pass
	16QAM	2506	100	0	19.712	/	Pass
		2593	100	0	20.560	/	Pass
		2680	100	0	21.033	/	Pass

3.2.2 Test Graph

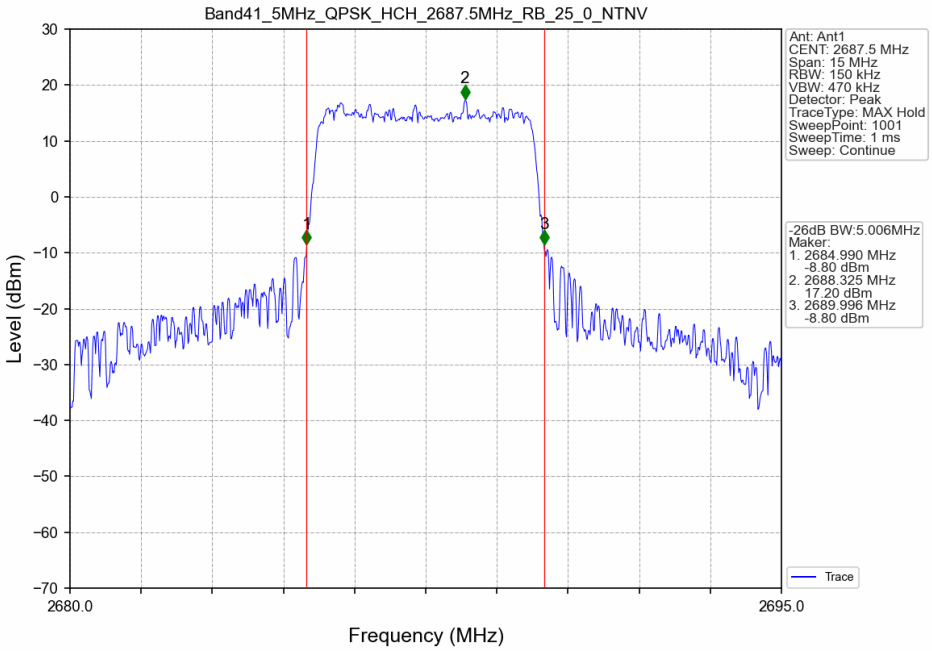
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



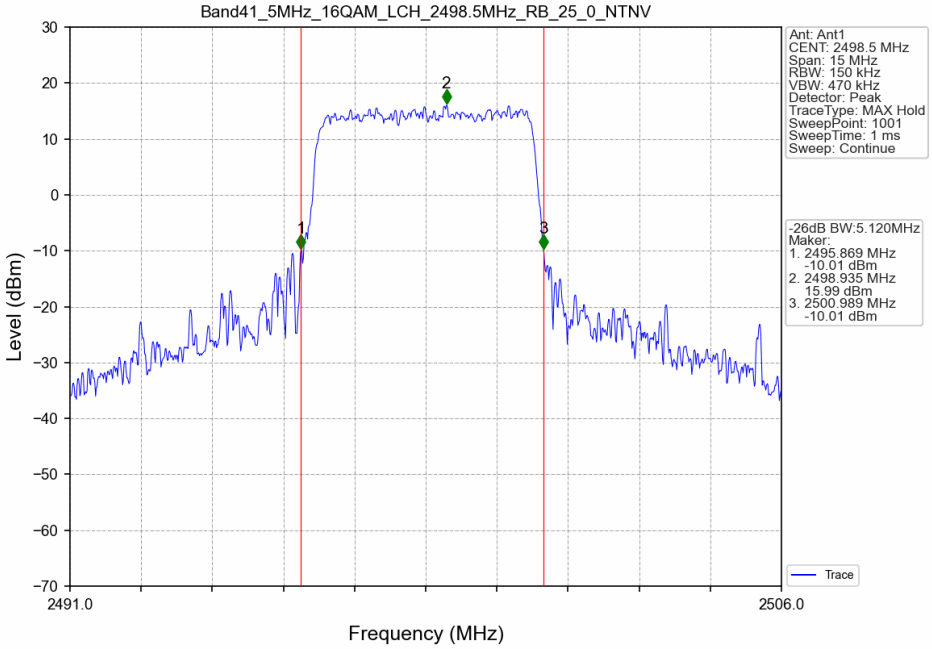
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



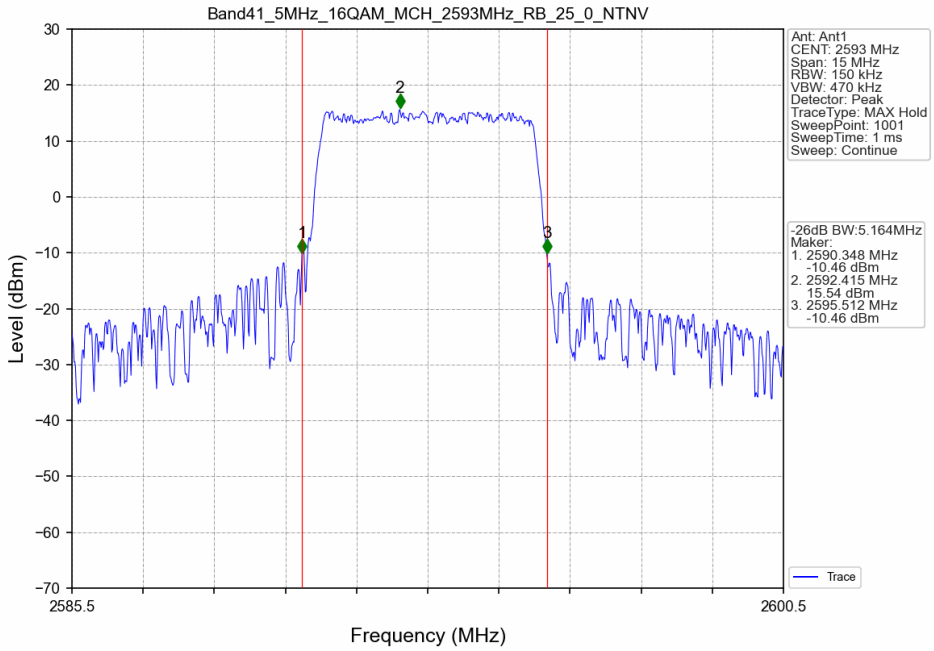
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



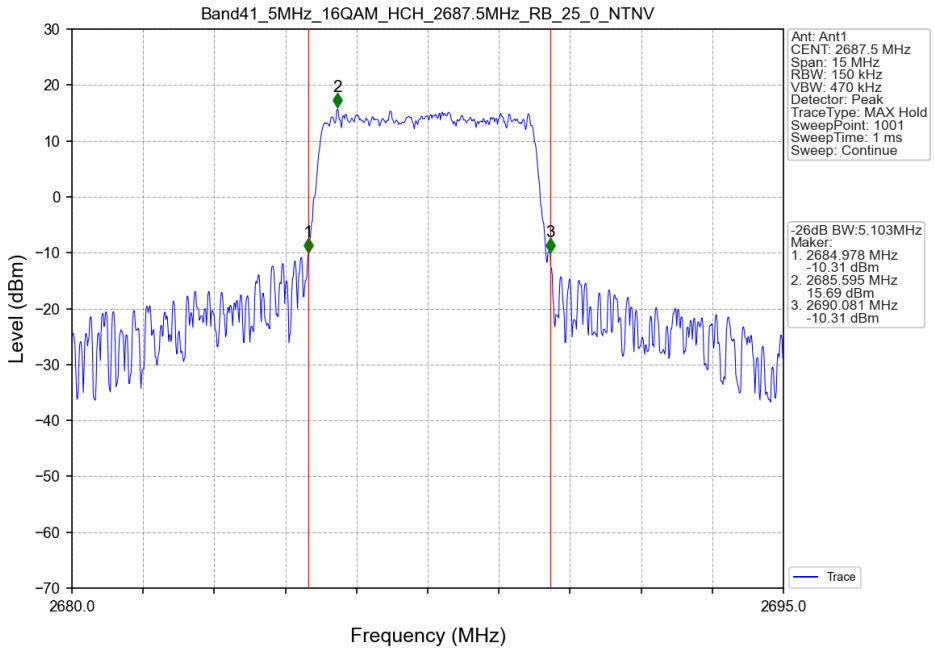
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



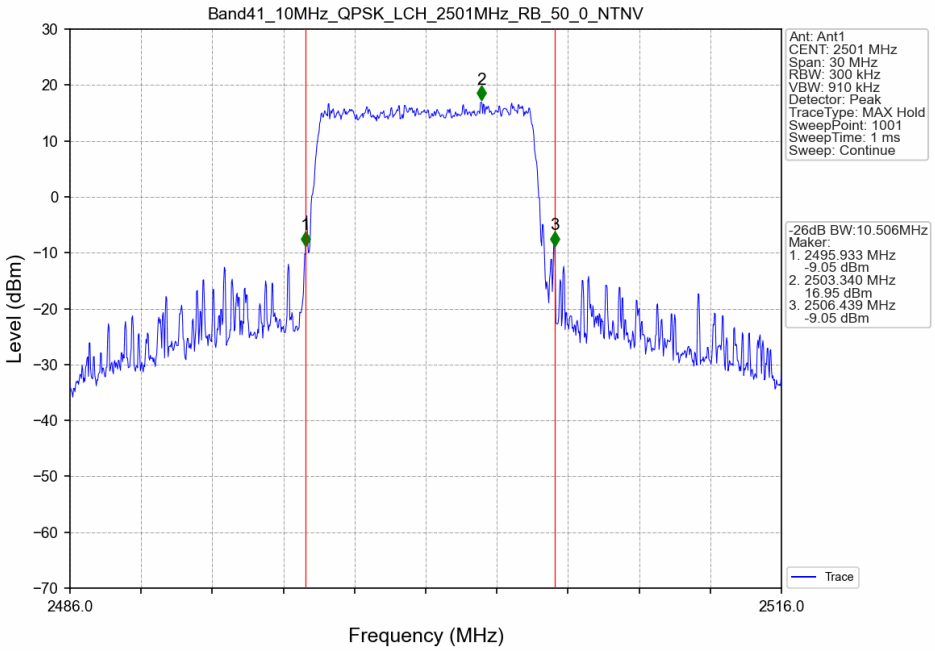
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



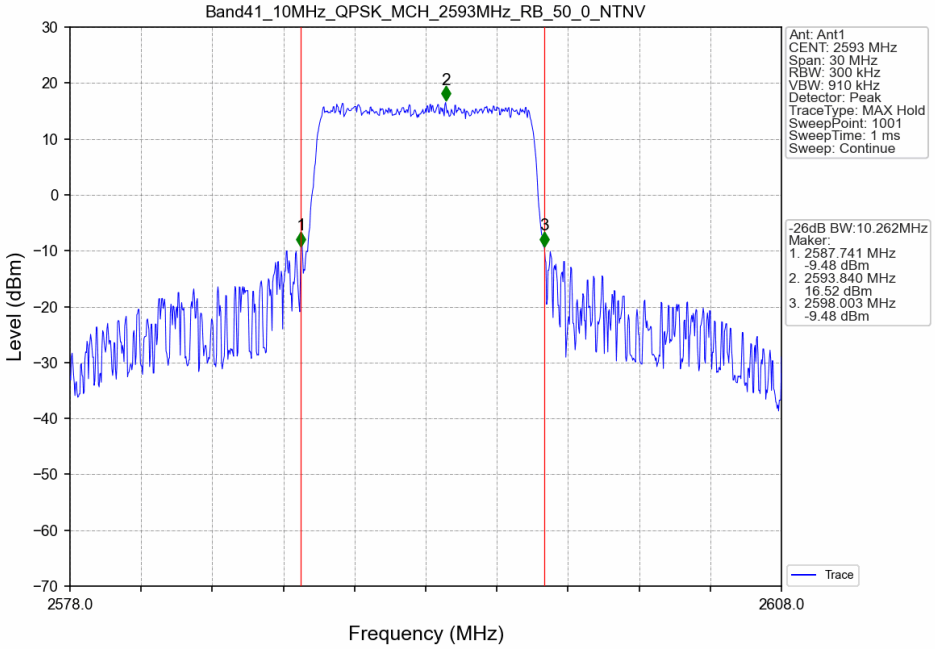
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



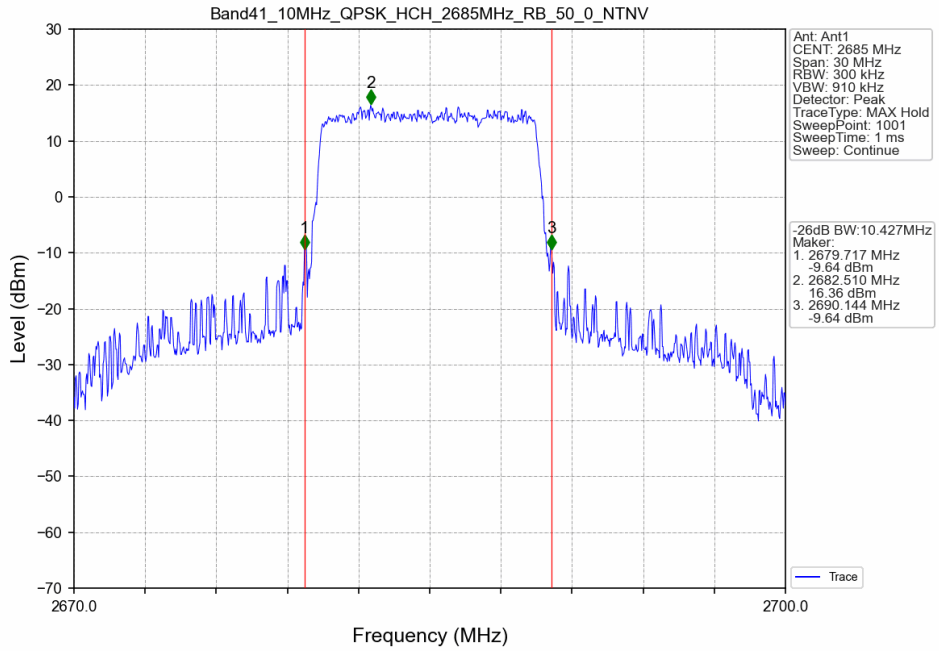
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



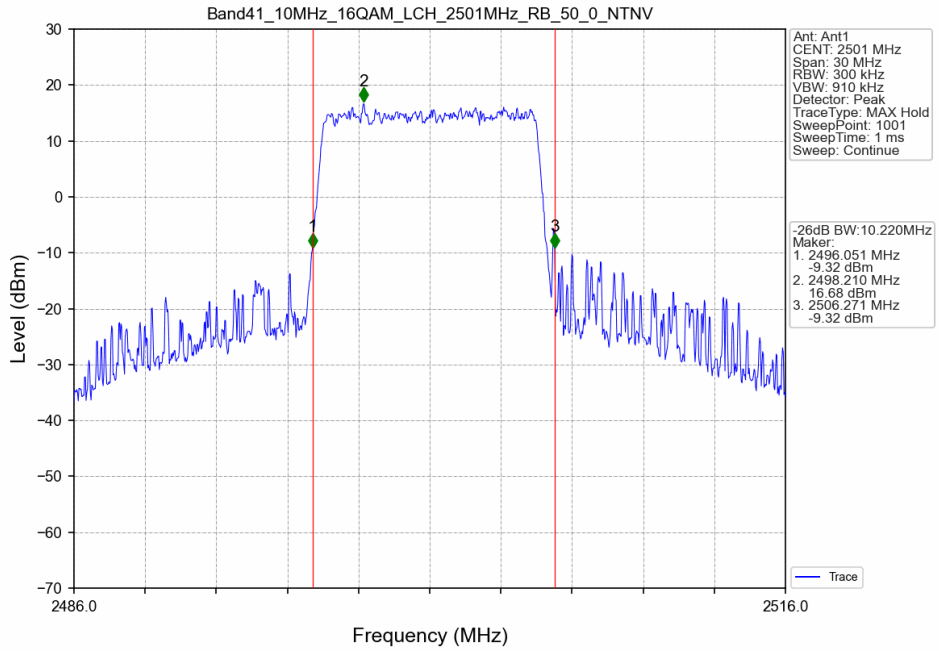
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



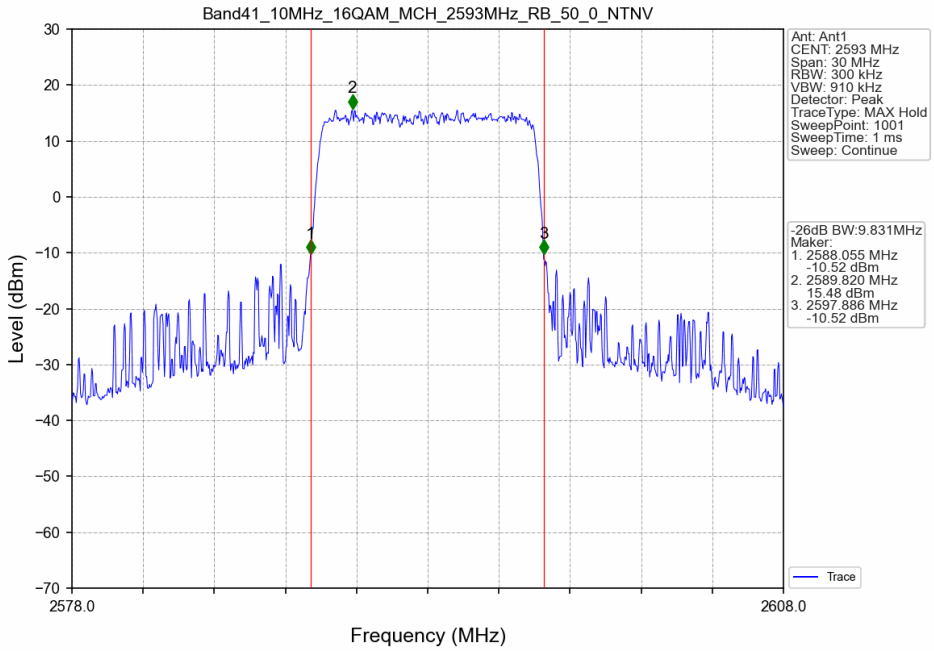
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



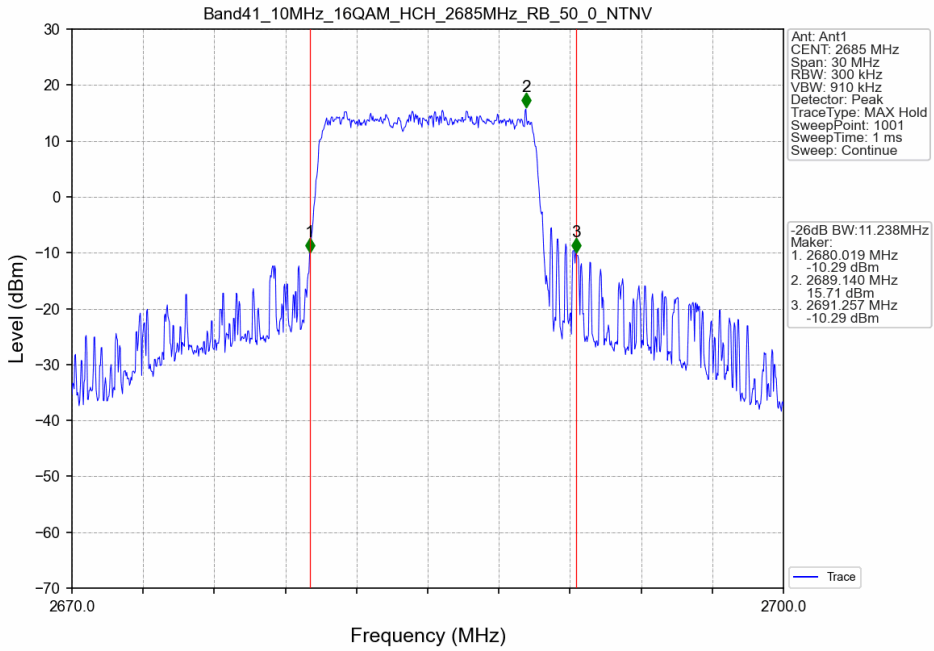
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



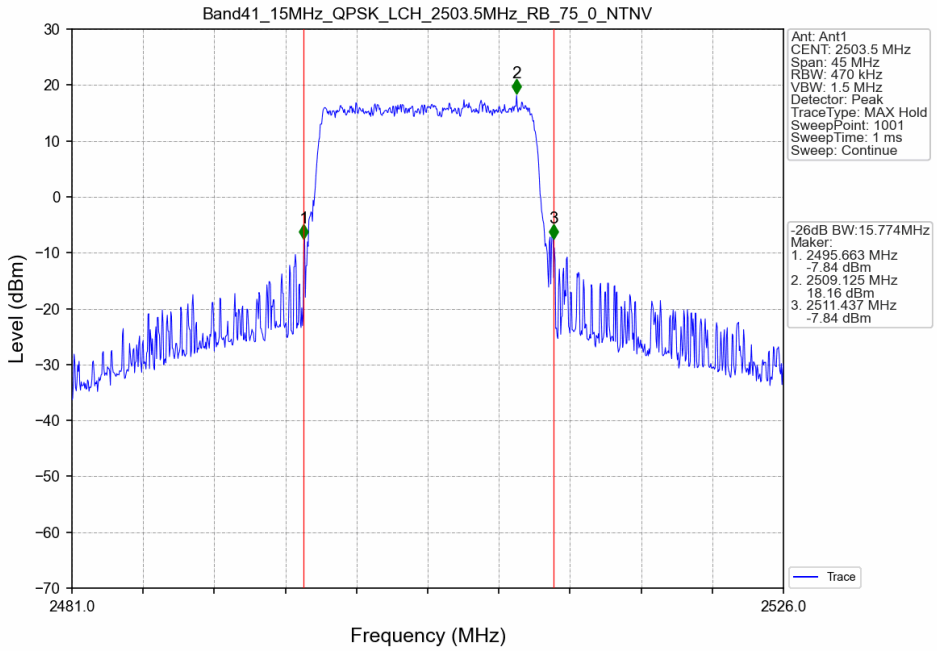
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



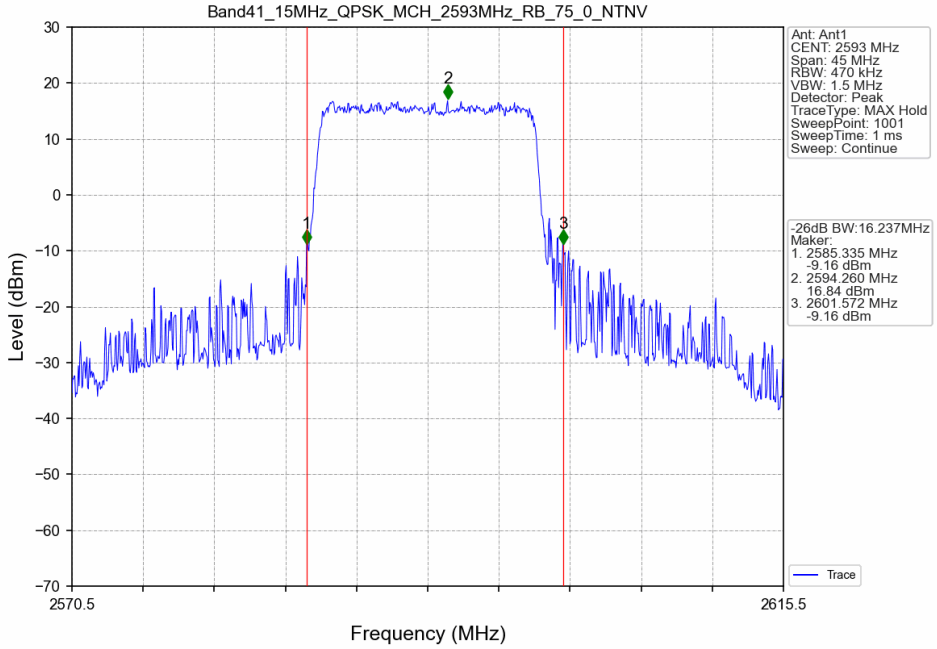
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



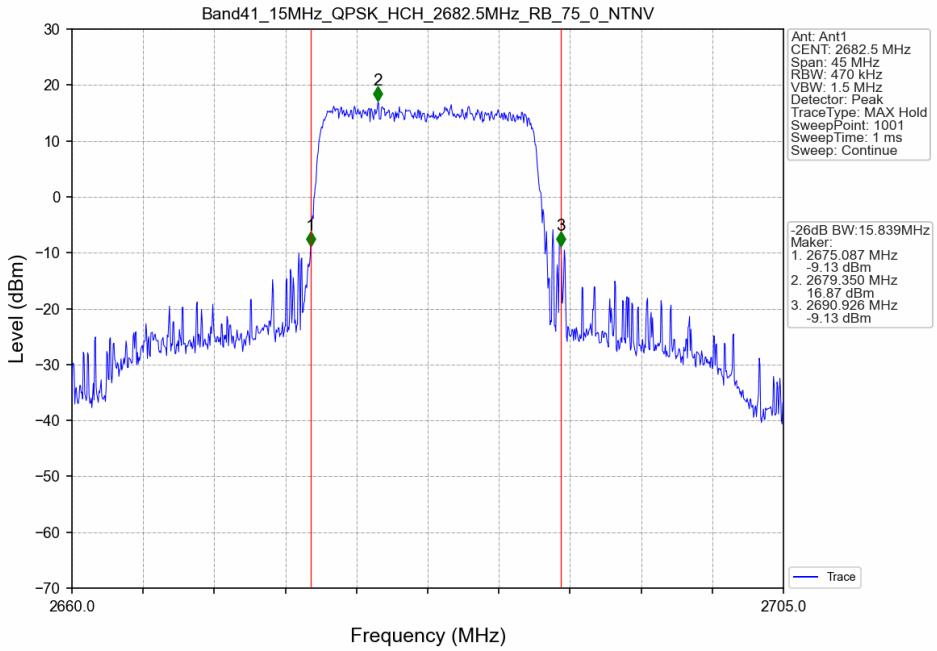
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



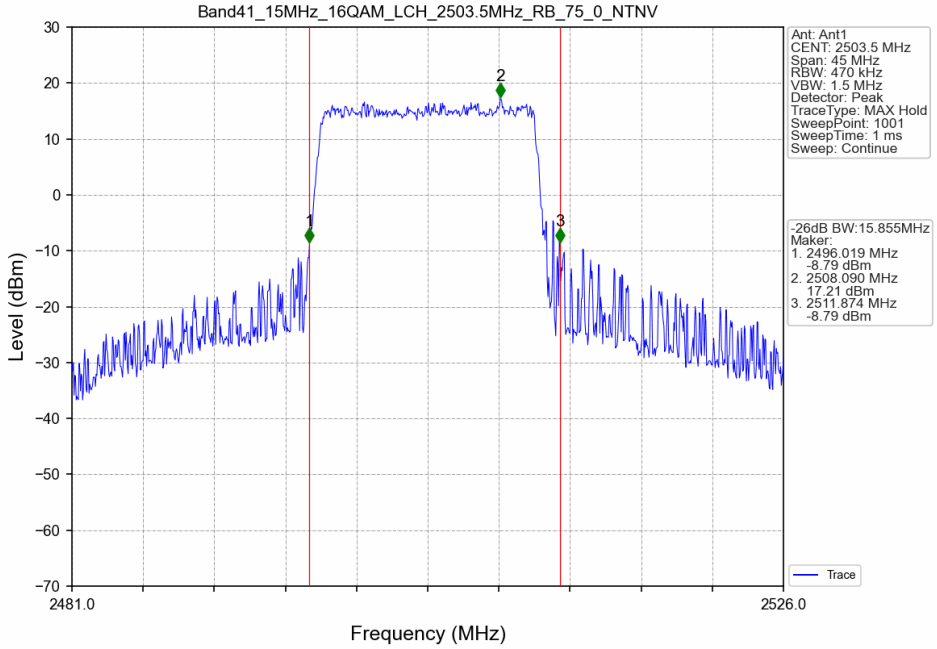
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



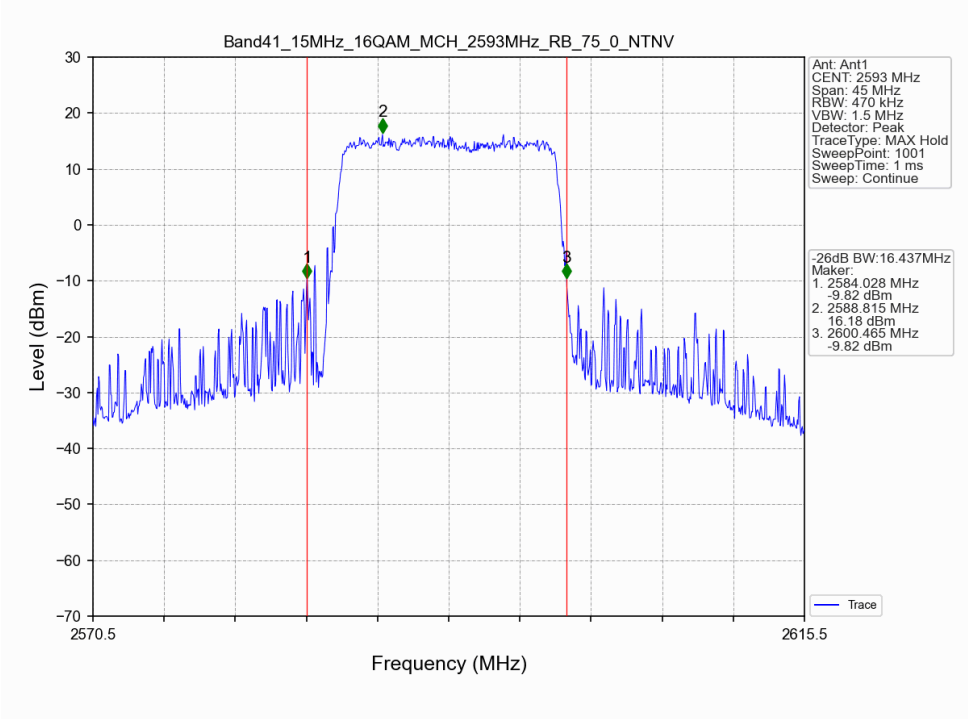
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



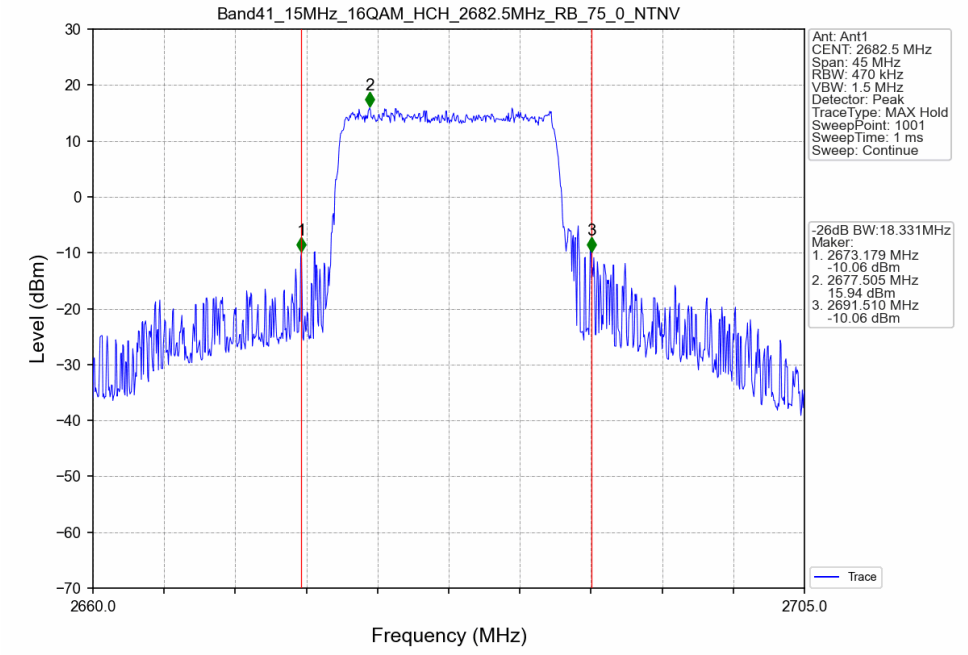
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



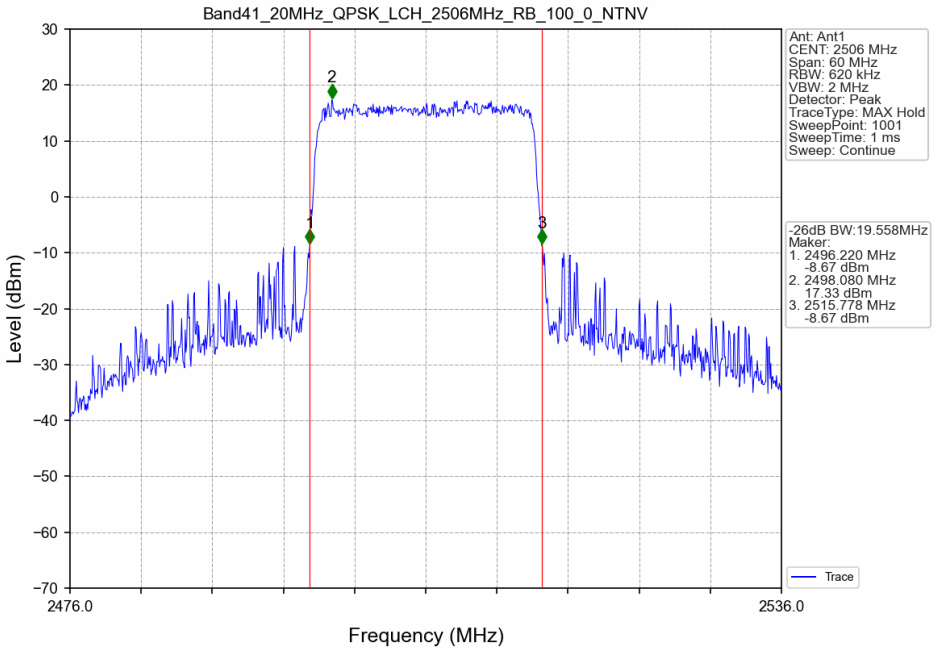
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



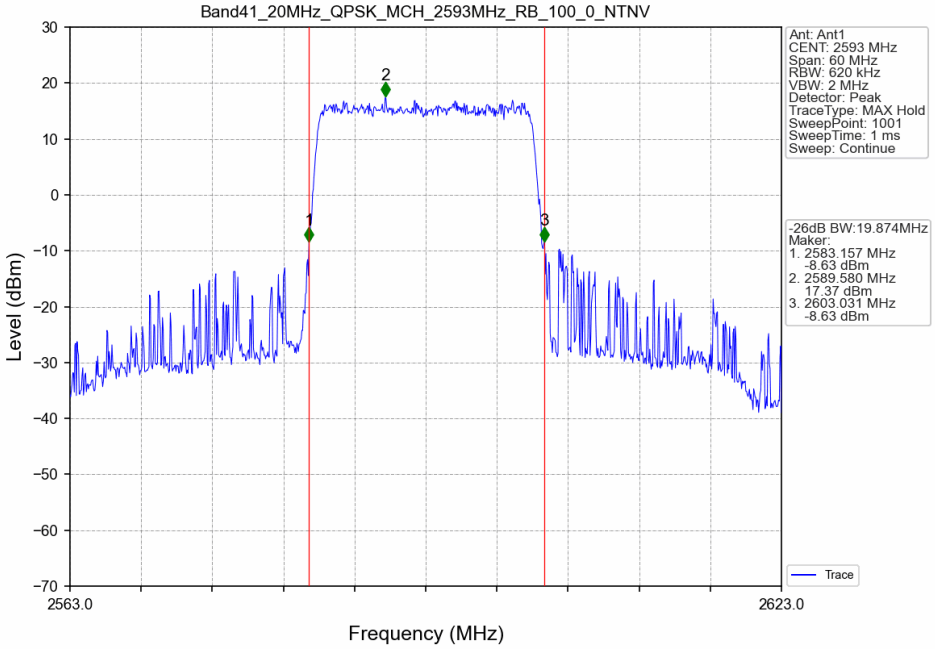
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

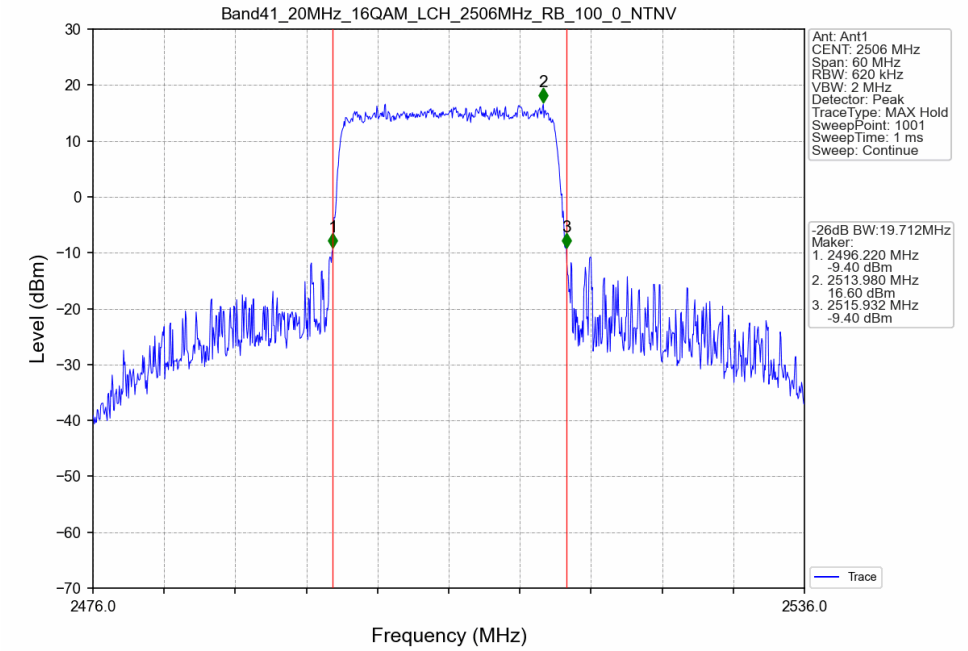


Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV

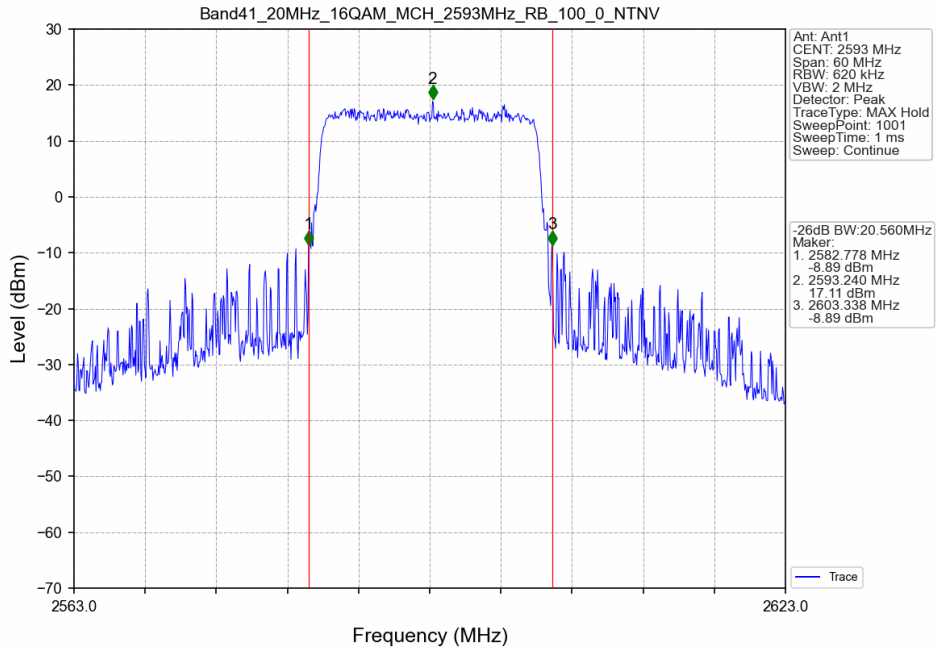


Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV

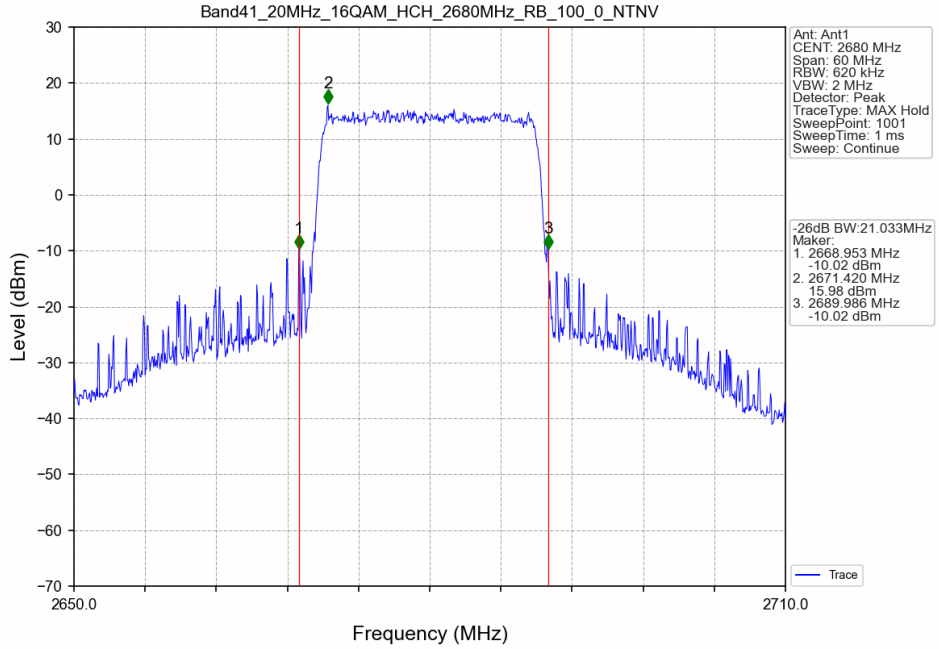
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



4. Peak-Average Ratio

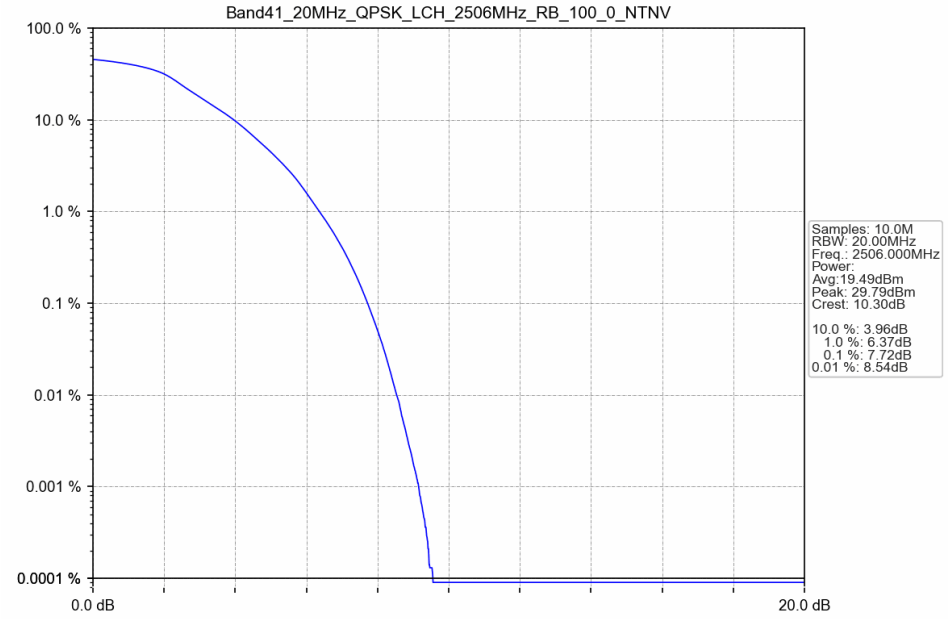
4.1 B41_20MHz

4.1.1 Test Result

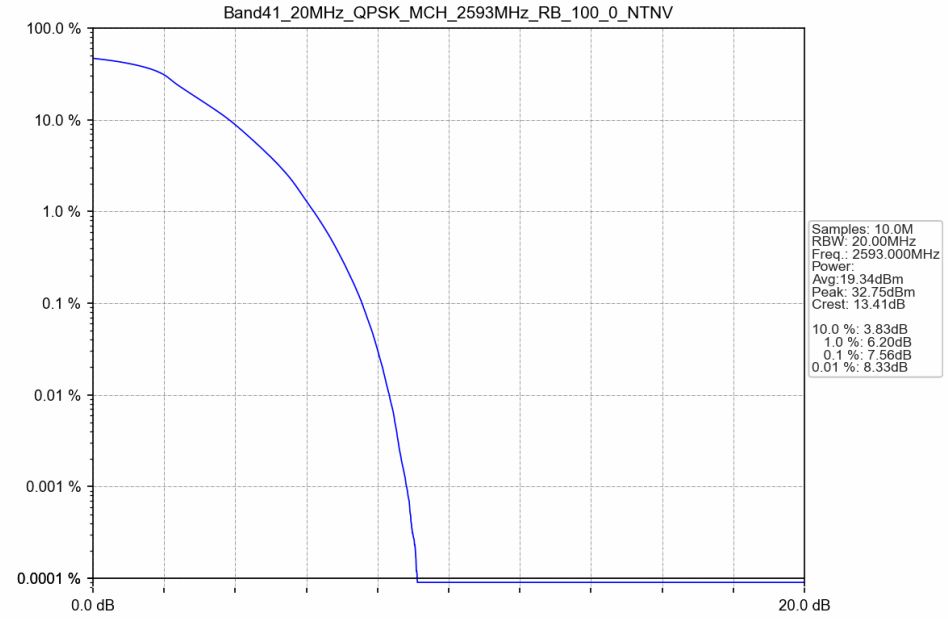
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.72	<=13	Pass
	2593	100	0	7.56	<=13	Pass
	2680	100	0	7.51	<=13	Pass
16QAM	2506	100	0	8.31	<=13	Pass
	2593	100	0	8.28	<=13	Pass
	2680	100	0	8.04	<=13	Pass

4.1.2 Test Graph

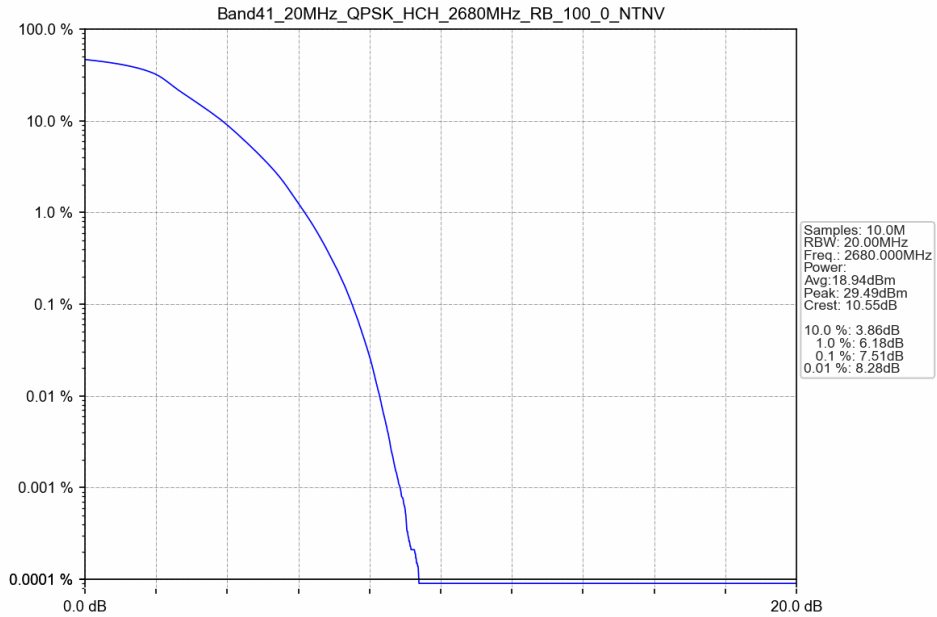
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



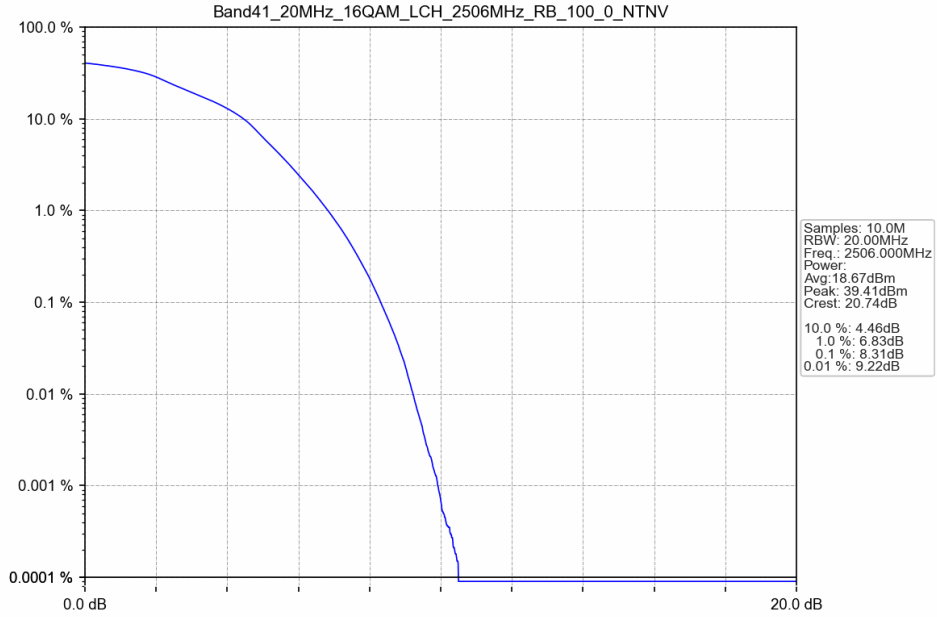
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



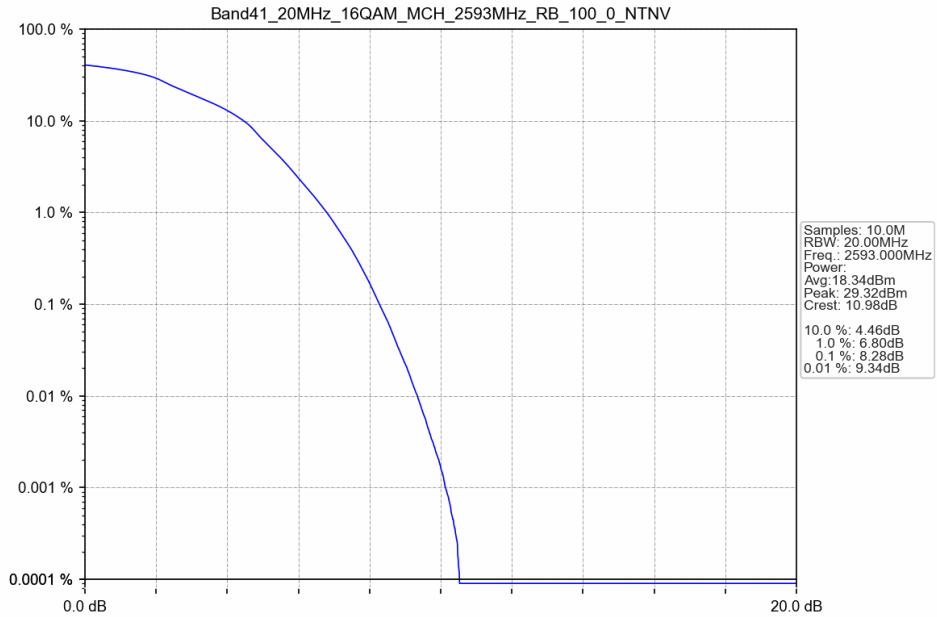
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



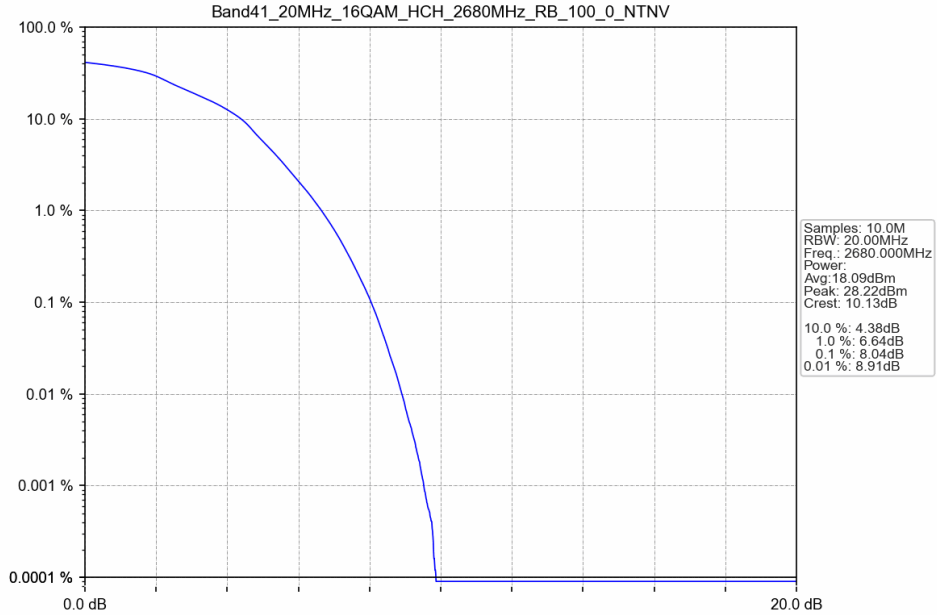
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



5. Spurious Emission

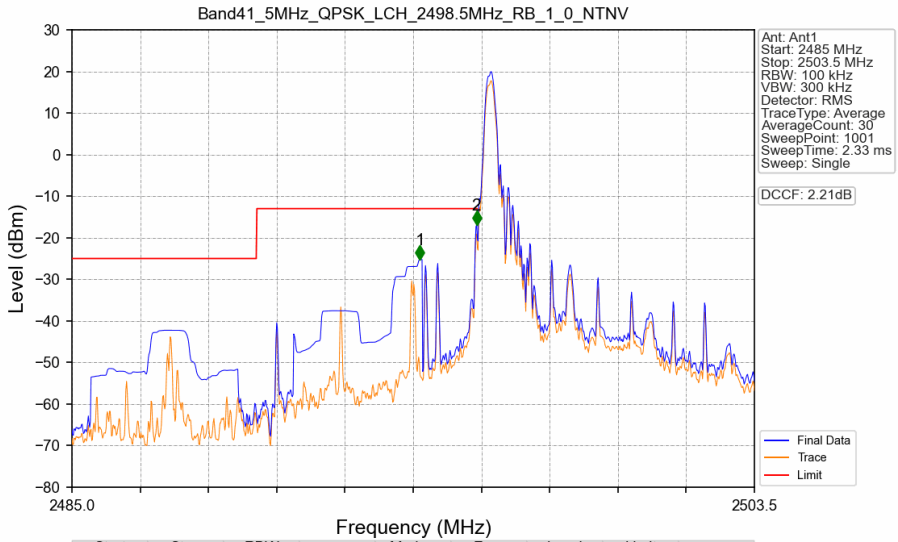
5.1 B41_5MHz

5.1.1 Test Result

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

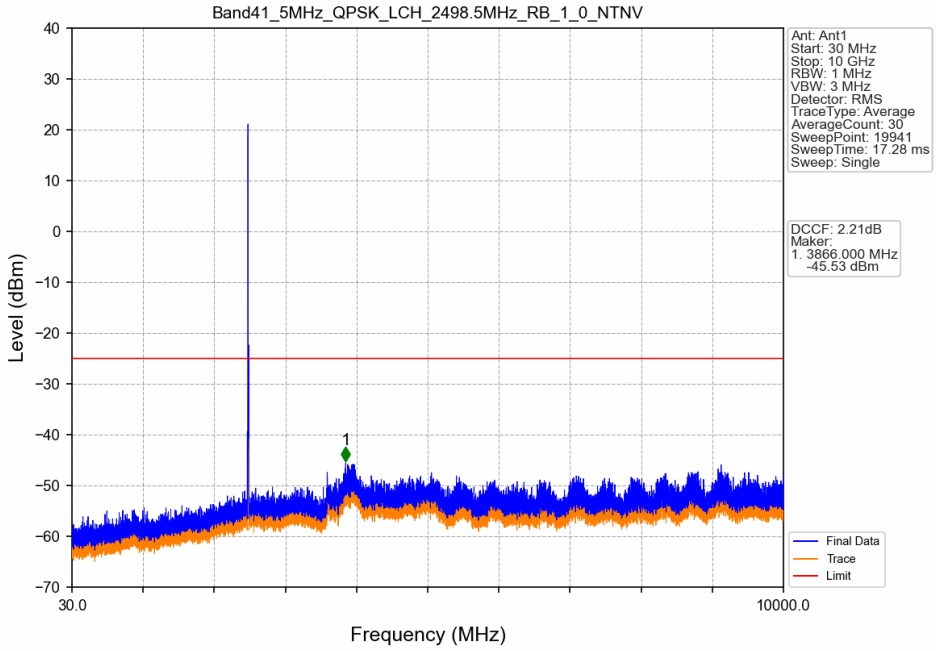
5.1.2 Test Graph

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

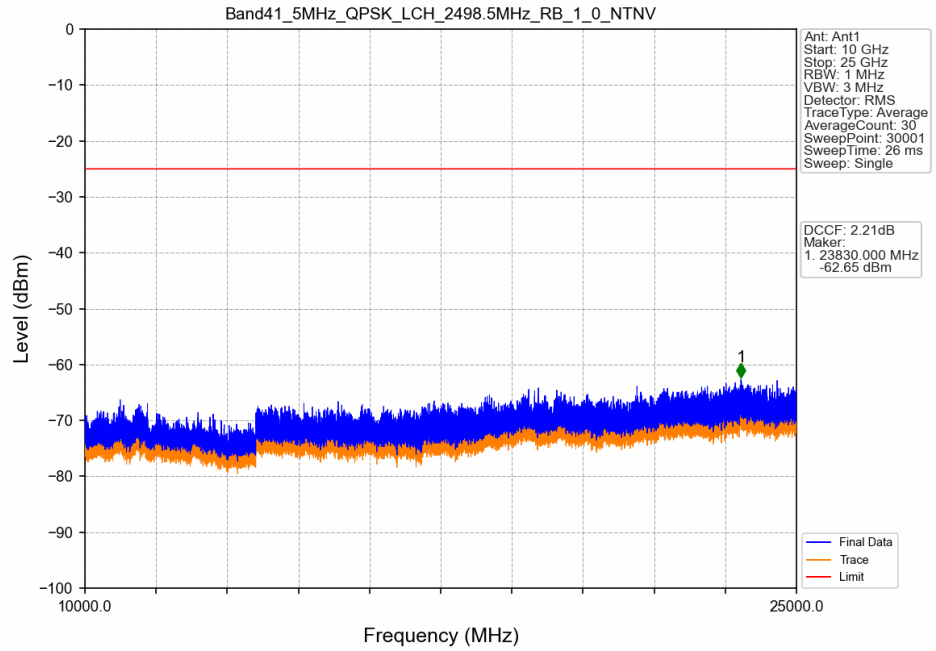


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.435	-25.24	-13	Pass
2495	2496	0.1	/	2	2495.970	-16.89	-13	Pass
2496	2503.5	0.1	/	/	/	/	/	/

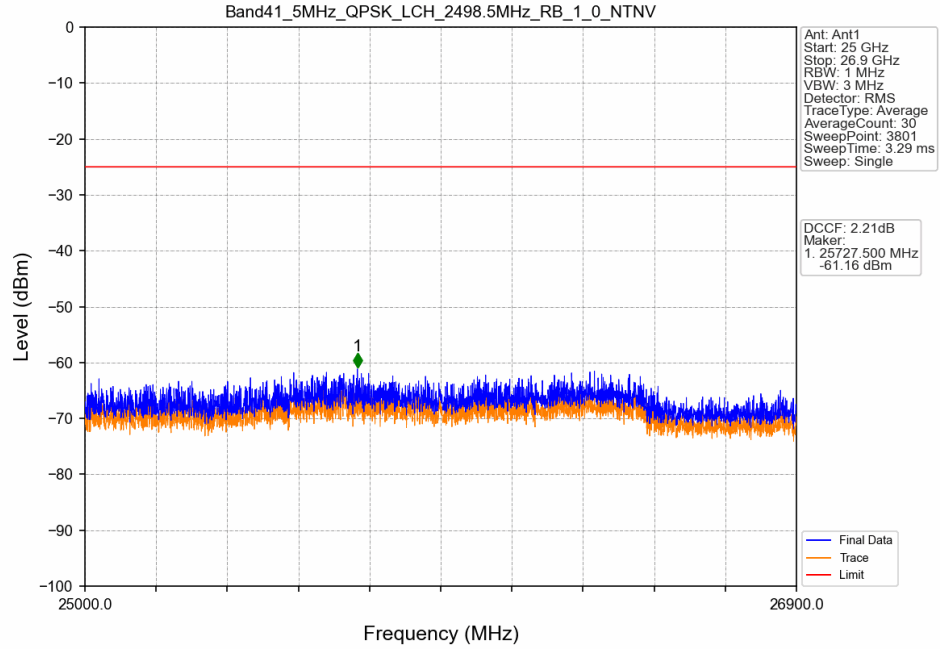
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



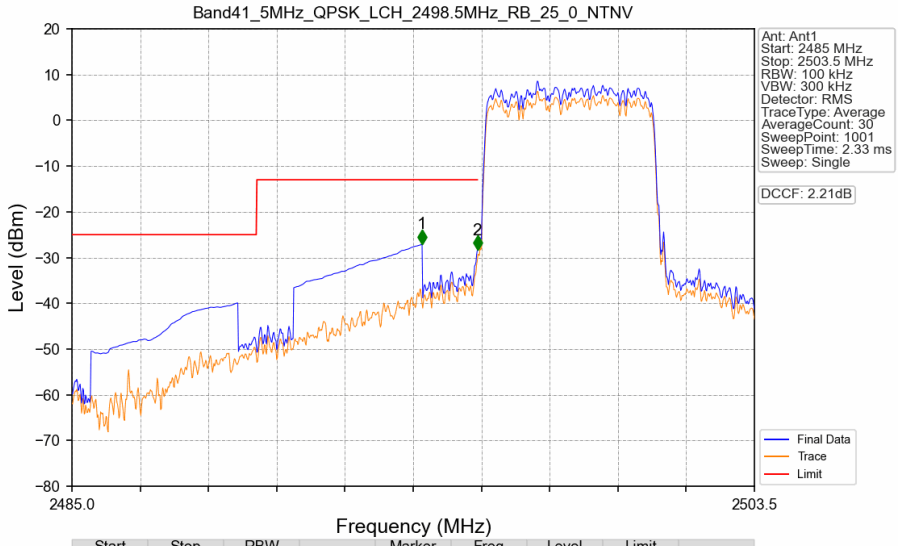
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

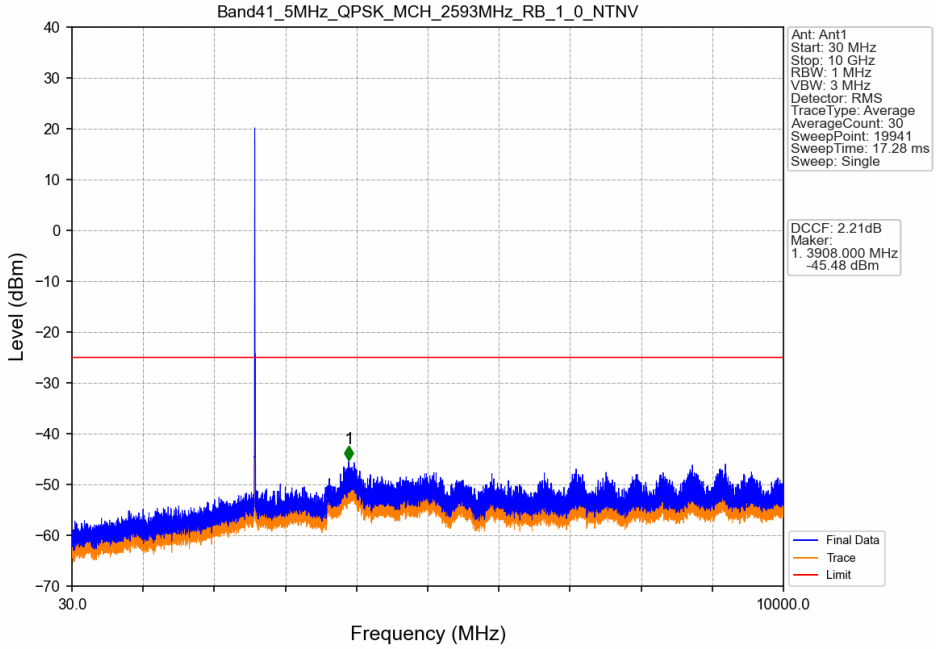


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

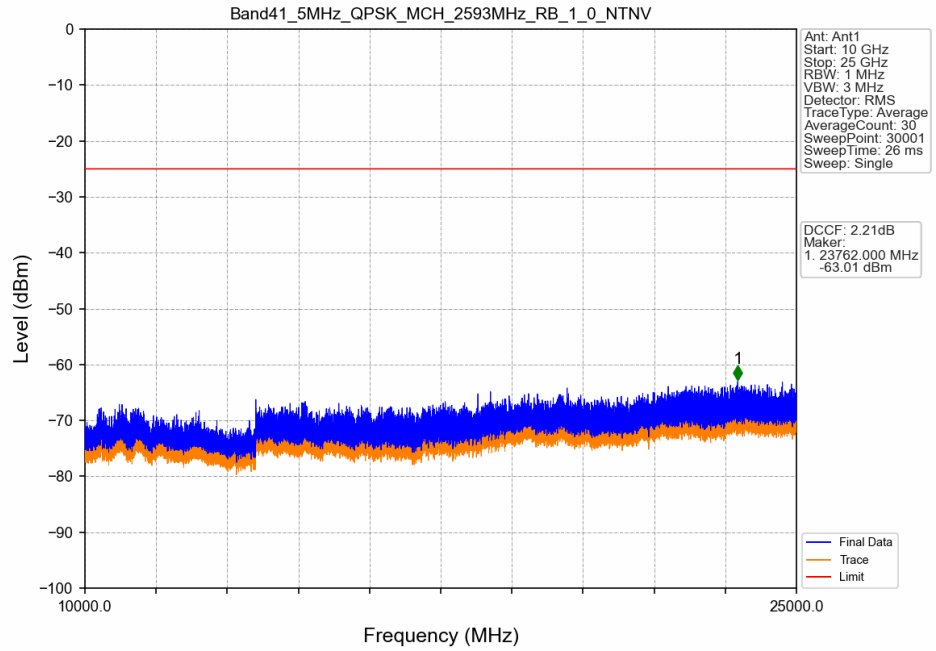


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.490	-27.03	-13	Pass
2495	2496	0.1	/	2	2495.989	-28.37	-13	Pass
2496	2503.5	0.111	/	/	/	/	/	/

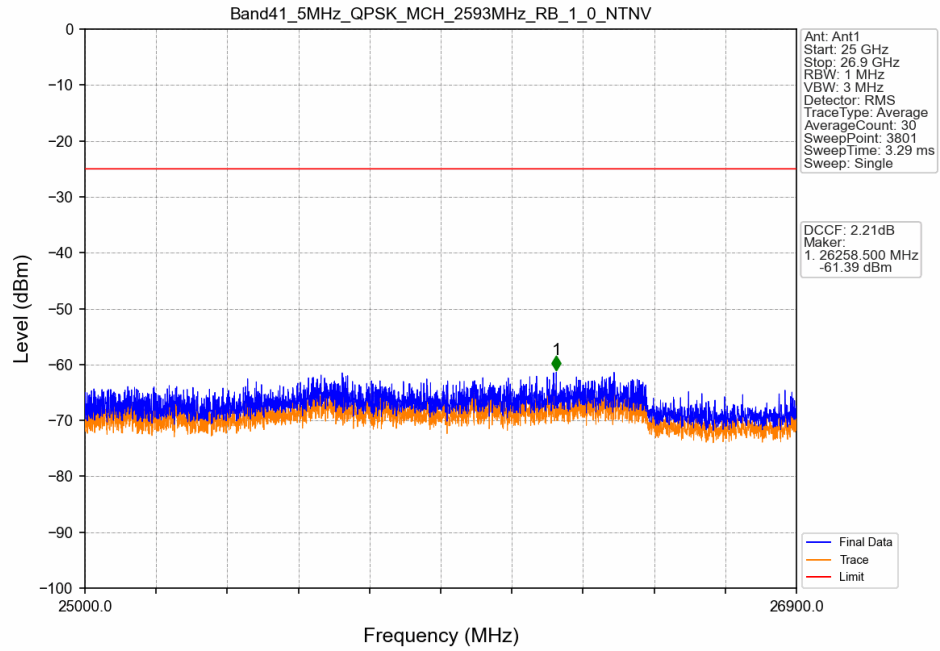
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



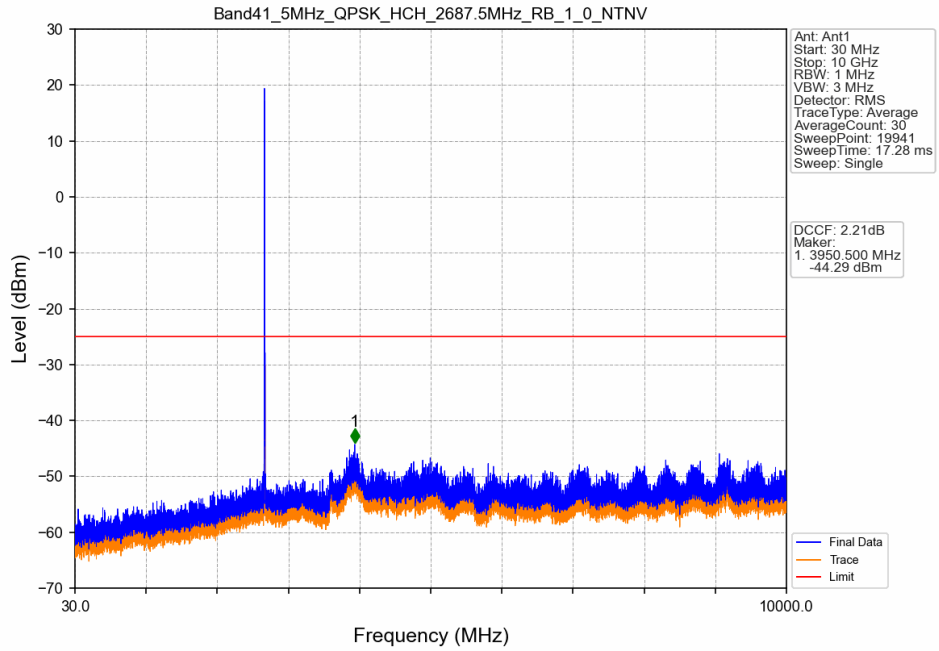
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



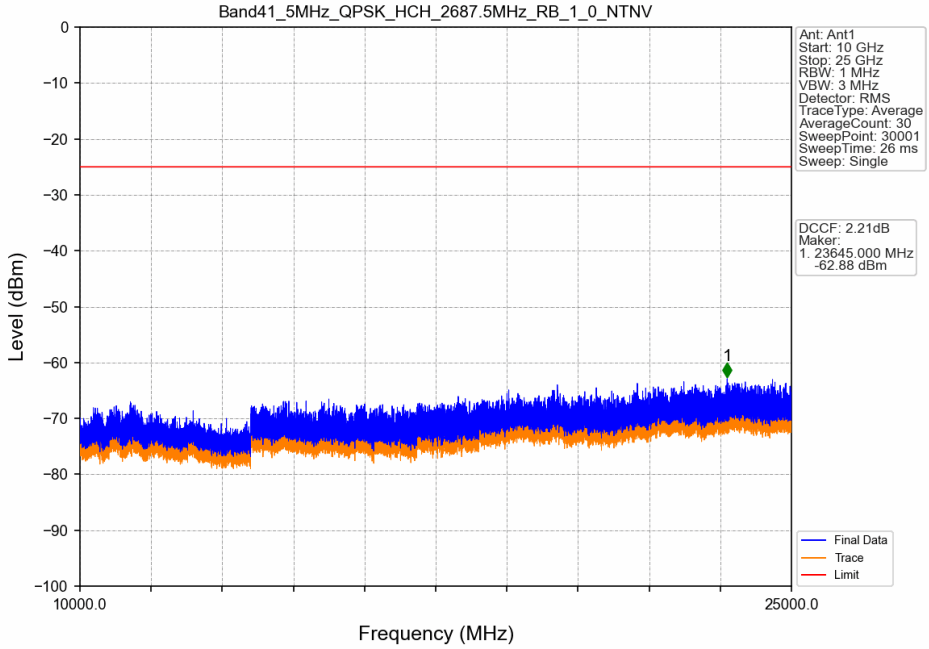
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



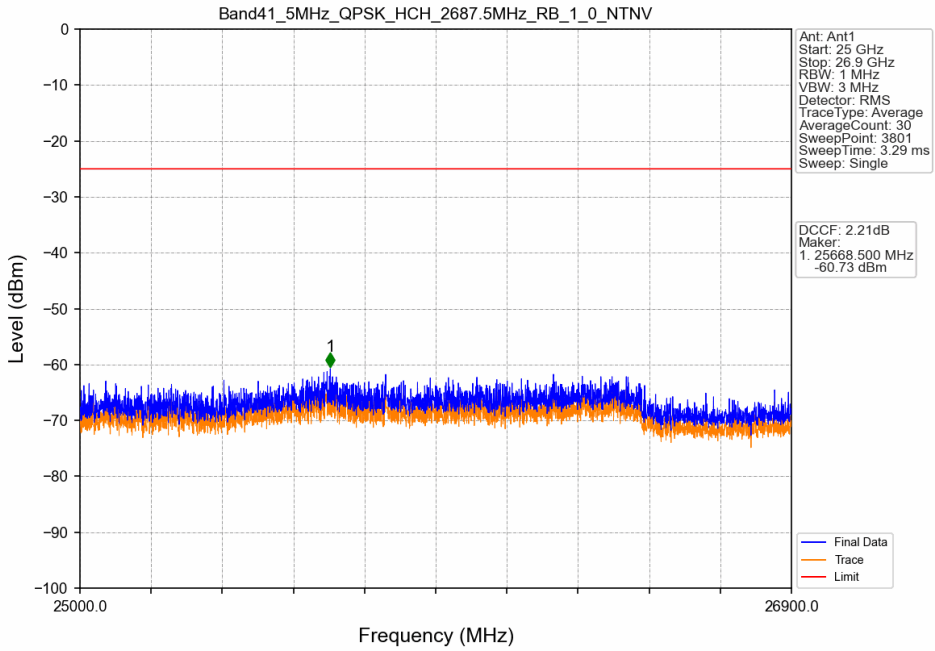
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



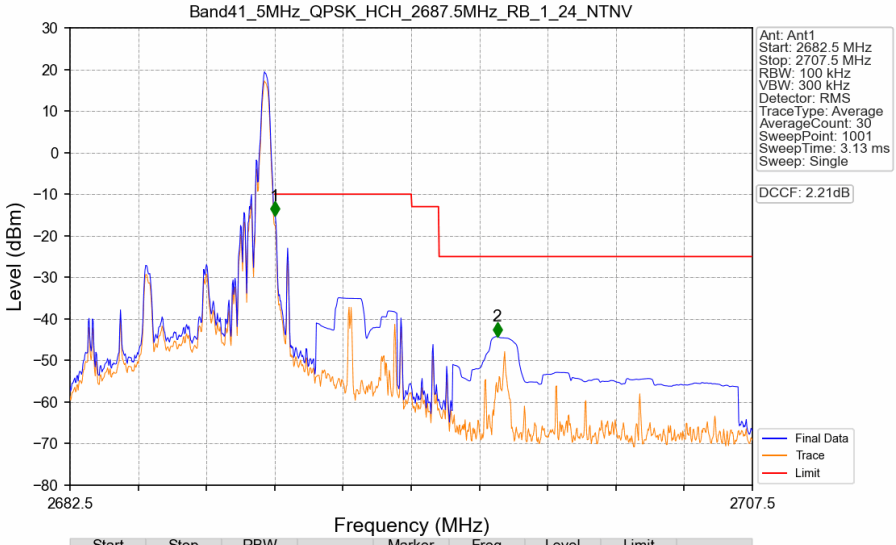
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

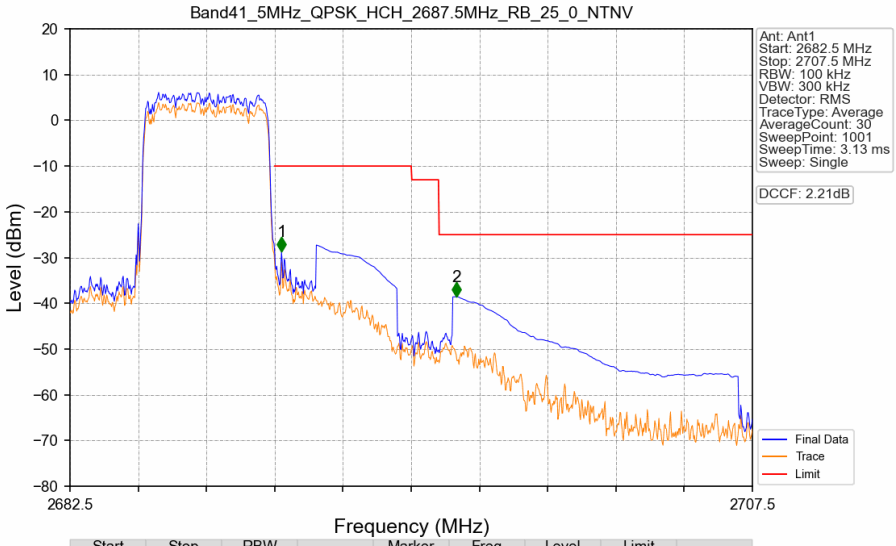


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.000	-15.29	-10	Pass
2691	2707.5	1	CHP	2	2698.150	-44.21	-25	Pass

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.250	-28.73	-10	Pass
2691	2707.5	1	CHP	2	2696.650	-38.58	-25	Pass

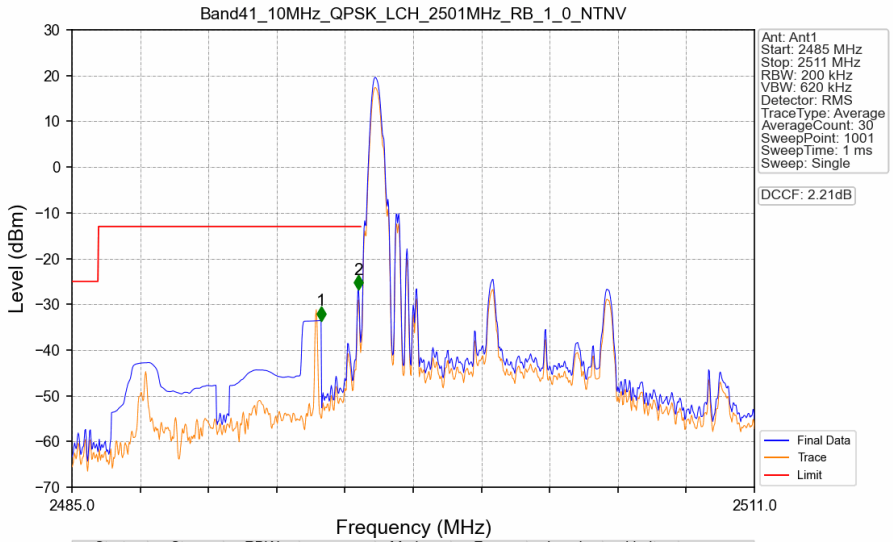
5.2 B41_10MHz

5.2.1 Test Result

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

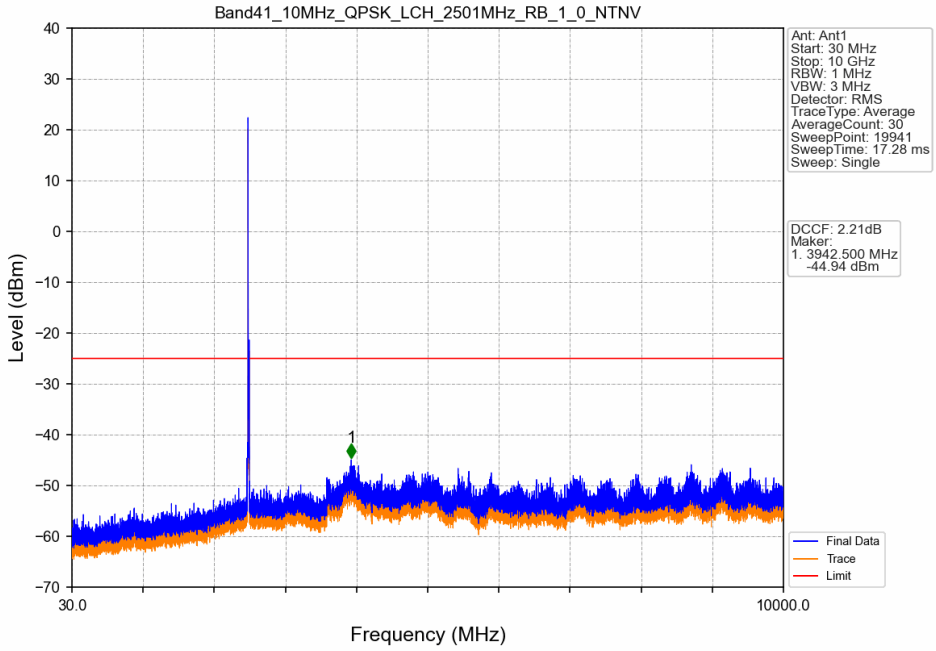
5.2.2 Test Graph

Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

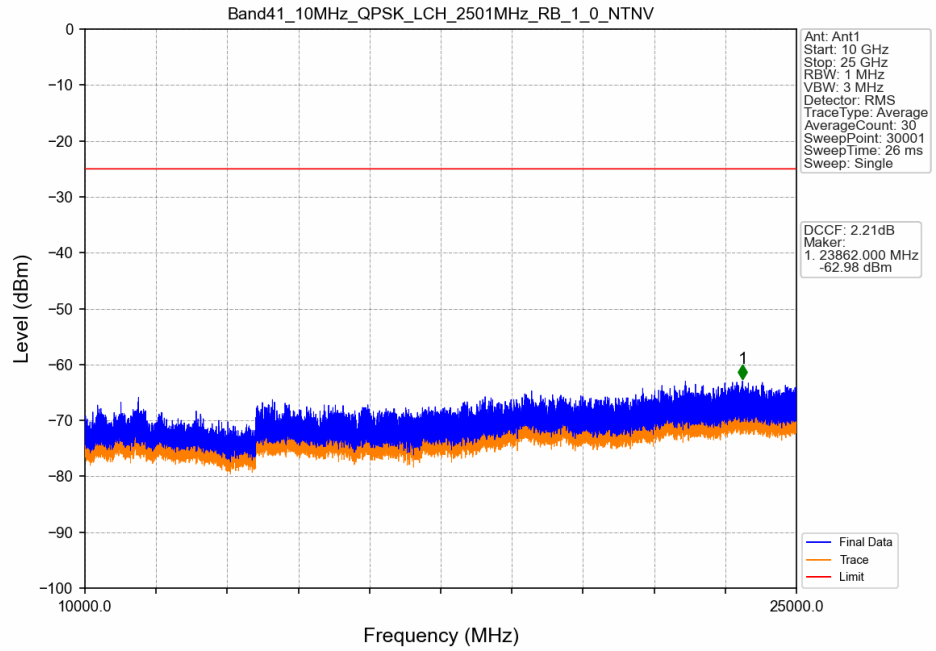


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.490	-33.58	-13	Pass
2495	2496	0.2	/	2	2495.920	-26.86	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

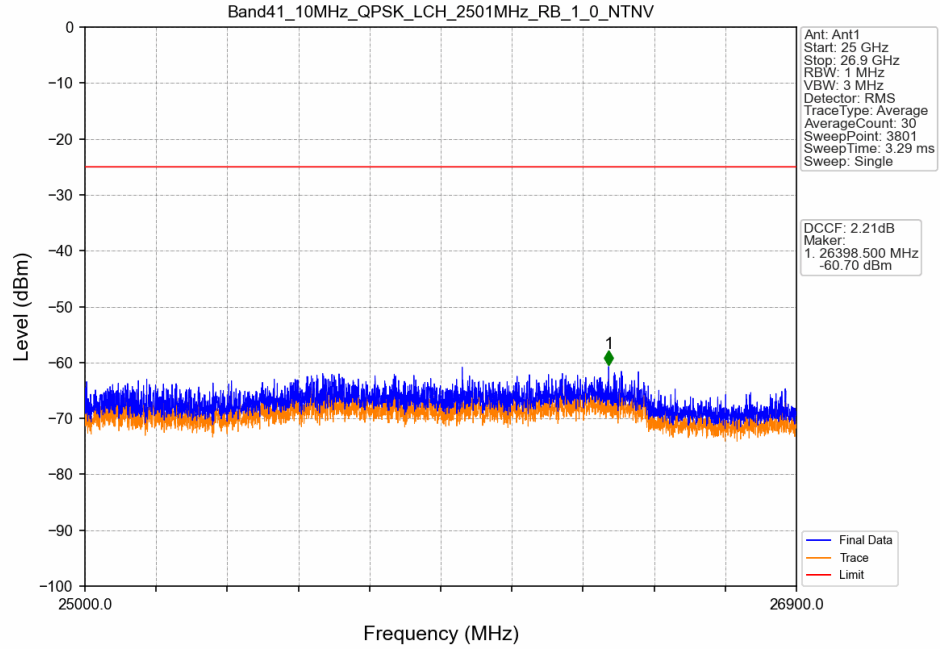
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



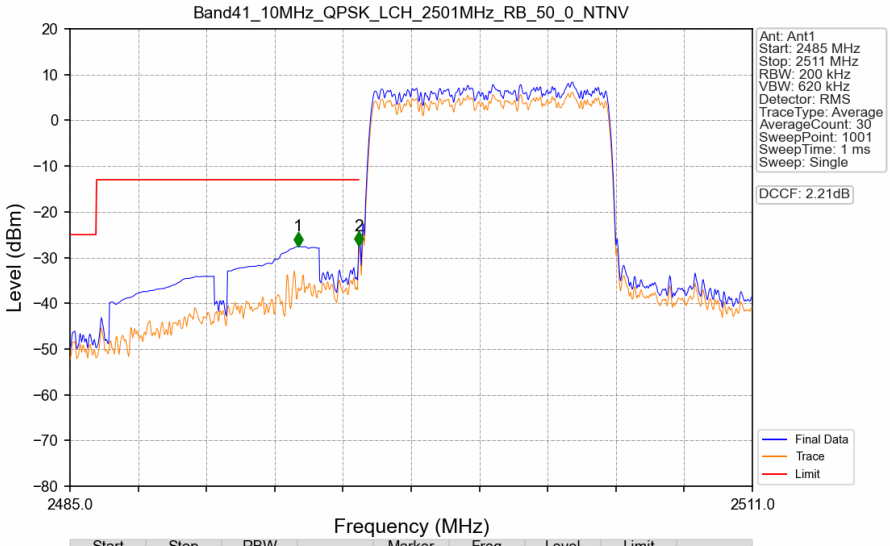
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

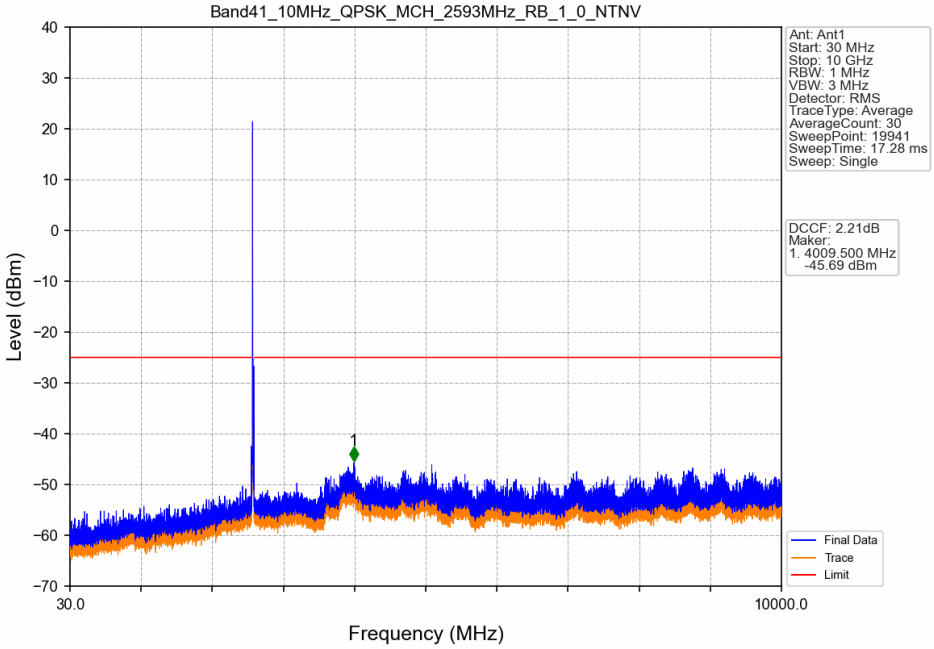


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

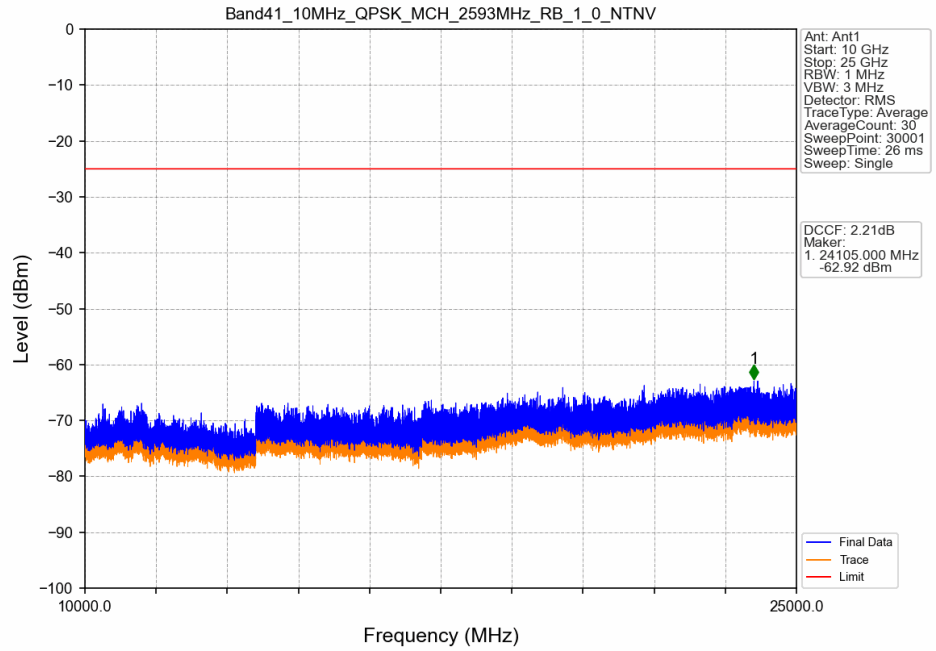


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2493.684	-27.54	-13	Pass
2495	2496	0.2	/	2	2495.998	-27.45	-13	Pass
2496	2511	0.21	/	/	/	/	/	/

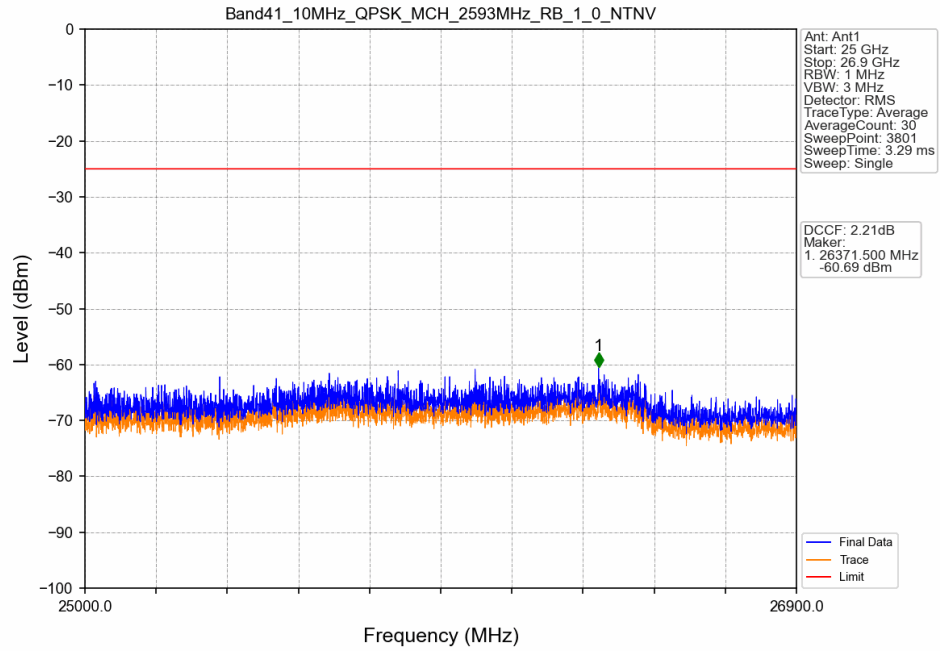
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



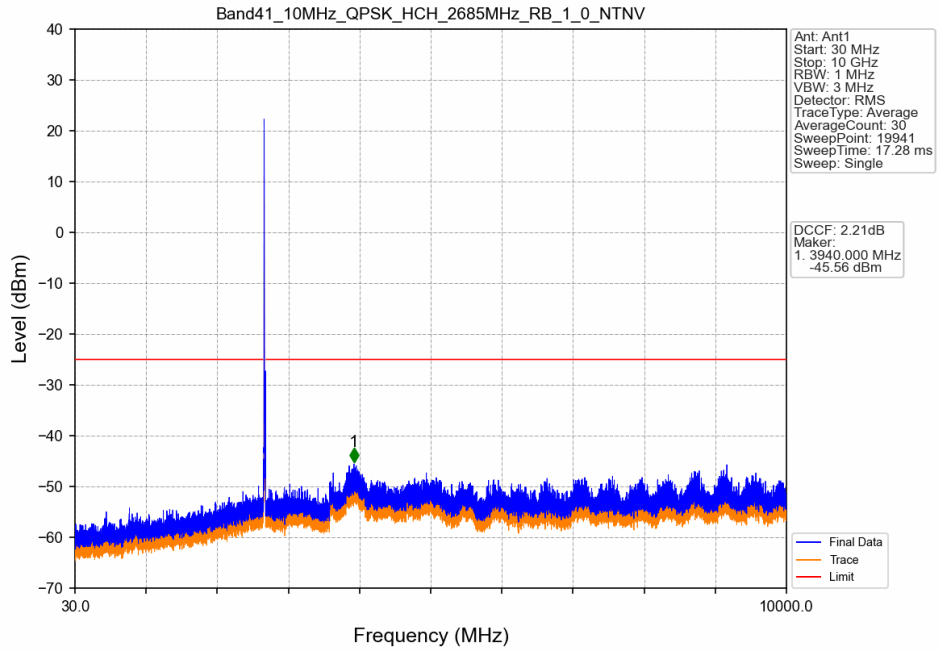
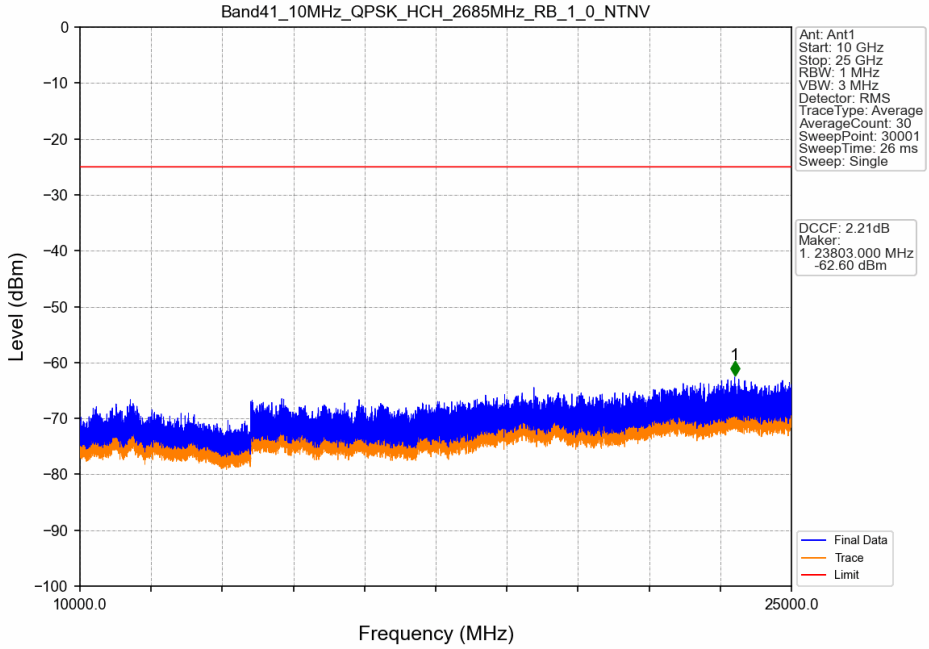
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



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