

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B2_1.4MHz_EIRP

Band: 2 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
64QAM	1850.7	1	0	22.14	4.00	26.14	<=33.01	Pass
			2	22.23	4.00	26.23	<=33.01	Pass
			5	22.16	4.00	26.16	<=33.01	Pass
		3	0	22.14	4.00	26.14	<=33.01	Pass
			2	22.18	4.00	26.18	<=33.01	Pass
			3	22.13	4.00	26.13	<=33.01	Pass
		6	0	20.91	4.00	24.91	<=33.01	Pass
	1880	1	0	22.09	4.00	26.09	<=33.01	Pass
			2	22.14	4.00	26.14	<=33.01	Pass
			5	22.08	4.00	26.08	<=33.01	Pass
		3	0	22.33	4.00	26.33	<=33.01	Pass
			2	22.37	4.00	26.37	<=33.01	Pass
			3	22.33	4.00	26.33	<=33.01	Pass
		6	0	21.26	4.00	25.26	<=33.01	Pass
	1909.3	1	0	21.64	4.00	25.64	<=33.01	Pass
			2	21.71	4.00	25.71	<=33.01	Pass
			5	21.67	4.00	25.67	<=33.01	Pass
		3	0	21.80	4.00	25.80	<=33.01	Pass
			2	21.84	4.00	25.84	<=33.01	Pass
			3	21.84	4.00	25.84	<=33.01	Pass
		6	0	20.83	4.00	24.83	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B2_3MHz_EIRP

Band: 2 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
64QAM	1851.5	1	0	22.13	4.00	26.13	<=33.01	Pass
			7	22.26	4.00	26.26	<=33.01	Pass
			14	22.16	4.00	26.16	<=33.01	Pass
		8	0	21.14	4.00	25.14	<=33.01	Pass
			4	21.20	4.00	25.20	<=33.01	Pass
			7	21.13	4.00	25.13	<=33.01	Pass
		15	0	21.00	4.00	25.00	<=33.01	Pass
	1880	1	0	22.12	4.00	26.12	<=33.01	Pass
			7	22.24	4.00	26.24	<=33.01	Pass
			14	22.16	4.00	26.16	<=33.01	Pass
		8	0	21.02	4.00	25.02	<=33.01	Pass
			4	21.03	4.00	25.03	<=33.01	Pass
			7	21.02	4.00	25.02	<=33.01	Pass
		15	0	21.28	4.00	25.28	<=33.01	Pass
	1908.5	1	0	21.73	4.00	25.73	<=33.01	Pass
			7	21.77	4.00	25.77	<=33.01	Pass
			14	21.67	4.00	25.67	<=33.01	Pass

		8	0	20.89	4.00	24.89	<=33.01	Pass
			4	20.94	4.00	24.94	<=33.01	Pass
			7	20.88	4.00	24.88	<=33.01	Pass
		15	0	20.93	4.00	24.93	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B2_5MHz_EIRP

Band: 2 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
64QAM	1852.5	1	0	21.90	4.00	25.90	<=33.01	Pass
			13	21.99	4.00	25.99	<=33.01	Pass
			24	21.94	4.00	25.94	<=33.01	Pass
		12	0	21.01	4.00	25.01	<=33.01	Pass
			6	21.03	4.00	25.03	<=33.01	Pass
			13	20.98	4.00	24.98	<=33.01	Pass
		25	0	21.08	4.00	25.08	<=33.01	Pass
	1880	1	0	22.23	4.00	26.23	<=33.01	Pass
			13	22.34	4.00	26.34	<=33.01	Pass
			24	22.24	4.00	26.24	<=33.01	Pass
		12	0	21.18	4.00	25.18	<=33.01	Pass
			6	21.20	4.00	25.20	<=33.01	Pass
			13	21.14	4.00	25.14	<=33.01	Pass
		25	0	21.23	4.00	25.23	<=33.01	Pass
	1907.5	1	0	22.04	4.00	26.04	<=33.01	Pass
			13	22.11	4.00	26.11	<=33.01	Pass
			24	21.97	4.00	25.97	<=33.01	Pass
		12	0	21.06	4.00	25.06	<=33.01	Pass
			6	21.07	4.00	25.07	<=33.01	Pass
			13	20.98	4.00	24.98	<=33.01	Pass
		25	0	20.91	4.00	24.91	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B2_10MHz_EIRP

Band: 2 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
64QAM	1855	1	0	22.16	4.00	26.16	<=33.01	Pass
			25	22.20	4.00	26.20	<=33.01	Pass
			49	22.19	4.00	26.19	<=33.01	Pass
		25	0	21.10	4.00	25.10	<=33.01	Pass
			13	21.16	4.00	25.16	<=33.01	Pass
			25	21.08	4.00	25.08	<=33.01	Pass
		50	0	21.09	4.00	25.09	<=33.01	Pass
	1880	1	0	22.14	4.00	26.14	<=33.01	Pass
			25	22.12	4.00	26.12	<=33.01	Pass
			49	22.18	4.00	26.18	<=33.01	Pass
		25	0	21.24	4.00	25.24	<=33.01	Pass
			13	21.30	4.00	25.30	<=33.01	Pass
			25	21.26	4.00	25.26	<=33.01	Pass
		50	0	21.20	4.00	25.20	<=33.01	Pass

	1905	1	0	21.80	4.00	25.80	<=33.01	Pass
			25	21.72	4.00	25.72	<=33.01	Pass
			49	21.65	4.00	25.65	<=33.01	Pass
		25	0	21.12	4.00	25.12	<=33.01	Pass
			13	21.03	4.00	25.03	<=33.01	Pass
			25	20.99	4.00	24.99	<=33.01	Pass
		50	0	21.08	4.00	25.08	<=33.01	Pass
		Note1: EIRP=Conducted Power+Antenna Gain						

1.1.5 B2_15MHz_EIRP

Band: 2 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
64QAM	1857.5	1	0	22.23	4.00	26.23	<=33.01	Pass
			38	22.21	4.00	26.21	<=33.01	Pass
			74	22.11	4.00	26.11	<=33.01	Pass
		36	0	21.12	4.00	25.12	<=33.01	Pass
			18	21.11	4.00	25.11	<=33.01	Pass
			39	21.09	4.00	25.09	<=33.01	Pass
		75	0	21.10	4.00	25.10	<=33.01	Pass
	1880	1	0	22.14	4.00	26.14	<=33.01	Pass
			38	22.14	4.00	26.14	<=33.01	Pass
			74	21.98	4.00	25.98	<=33.01	Pass
		36	0	21.18	4.00	25.18	<=33.01	Pass
			18	21.20	4.00	25.20	<=33.01	Pass
			39	21.16	4.00	25.16	<=33.01	Pass
		75	0	21.16	4.00	25.16	<=33.01	Pass
	1902.5	1	0	22.17	4.00	26.17	<=33.01	Pass
			38	22.24	4.00	26.24	<=33.01	Pass
			74	22.02	4.00	26.02	<=33.01	Pass
		36	0	20.92	4.00	24.92	<=33.01	Pass
			18	20.95	4.00	24.95	<=33.01	Pass
			39	20.95	4.00	24.95	<=33.01	Pass
		75	0	20.99	4.00	24.99	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
64QAM	1860	1	0	22.10	4.00	26.10	<=33.01	Pass
			50	22.16	4.00	26.16	<=33.01	Pass
			99	22.04	4.00	26.04	<=33.01	Pass
		50	0	21.14	4.00	25.14	<=33.01	Pass
			25	21.15	4.00	25.15	<=33.01	Pass
			50	21.07	4.00	25.07	<=33.01	Pass
	1880	100	0	21.05	4.00	25.05	<=33.01	Pass
		1	0	22.29	4.00	26.29	<=33.01	Pass
			50	22.36	4.00	26.36	<=33.01	Pass
			99	22.20	4.00	26.20	<=33.01	Pass
		50	0	21.21	4.00	25.21	<=33.01	Pass

			25	21.22	4.00	25.22	<=33.01	Pass
			50	21.20	4.00	25.20	<=33.01	Pass
		100	0	21.15	4.00	25.15	<=33.01	Pass
	1900	1	0	21.84	4.00	25.84	<=33.01	Pass
			50	21.76	4.00	25.76	<=33.01	Pass
			99	21.61	4.00	25.61	<=33.01	Pass
		50	0	21.11	4.00	25.11	<=33.01	Pass
			25	21.06	4.00	25.06	<=33.01	Pass
			50	21.04	4.00	25.04	<=33.01	Pass
		100	0	21.01	4.00	25.01	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	1850.7	6	0	20	3.27	-0.987	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
					4.43	-4.892	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-7.653	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-9.971	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				0	3.85	-11.902	-0.0064	-2.5 to 2.5	Pass
				10	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				30	3.85	-7.324	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-9.484	-0.0051	-2.5 to 2.5	Pass
				50	3.85	5.507	0.0030	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	11.215	0.0060	-2.5 to 2.5	Pass
					3.85	8.197	0.0044	-2.5 to 2.5	Pass
					4.43	-0.887	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	7.839	0.0042	-2.5 to 2.5	Pass
				-20	3.85	2.432	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-7.110	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-6.480	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-2.890	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-6.609	-0.0035	-2.5 to 2.5	Pass
				40	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				50	3.85	-4.892	-0.0026	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	12.159	0.0064	-2.5 to 2.5	Pass
					3.85	2.117	0.0011	-2.5 to 2.5	Pass
					4.43	12.174	0.0064	-2.5 to 2.5	Pass
				-30	3.85	-2.189	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-8.411	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	4.463	0.0023	-2.5 to 2.5	Pass
				0	3.85	-7.954	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
				30	3.85	1.473	0.0008	-2.5 to 2.5	Pass
				40	3.85	-8.240	-0.0043	-2.5 to 2.5	Pass
				50	3.85	4.320	0.0023	-2.5 to 2.5	Pass

2.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	1851.5	15	0	20	3.27	1.845	0.0010	-2.5 to 2.5	Pass
					3.85	2.089	0.0011	-2.5 to 2.5	Pass
					4.43	4.306	0.0023	-2.5 to 2.5	Pass
				-30	3.85	2.818	0.0015	-2.5 to 2.5	Pass
				-20	3.85	6.008	0.0032	-2.5 to 2.5	Pass
				-10	3.85	4.635	0.0025	-2.5 to 2.5	Pass
				0	3.85	2.360	0.0013	-2.5 to 2.5	Pass
				10	3.85	9.341	0.0050	-2.5 to 2.5	Pass
				30	3.85	9.627	0.0052	-2.5 to 2.5	Pass
				40	3.85	11.573	0.0063	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	1.345	0.0007	-2.5 to 2.5	Pass
					3.85	4.249	0.0023	-2.5 to 2.5	Pass
					4.43	13.690	0.0073	-2.5 to 2.5	Pass
				-30	3.85	6.981	0.0037	-2.5 to 2.5	Pass
				-20	3.85	6.266	0.0033	-2.5 to 2.5	Pass
				-10	3.85	1.173	0.0006	-2.5 to 2.5	Pass
				0	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.85	4.134	0.0022	-2.5 to 2.5	Pass
				30	3.85	3.262	0.0017	-2.5 to 2.5	Pass
				40	3.85	9.227	0.0049	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	7.739	0.0041	-2.5 to 2.5	Pass
					3.85	9.971	0.0052	-2.5 to 2.5	Pass
					4.43	12.288	0.0064	-2.5 to 2.5	Pass
				-30	3.85	7.124	0.0037	-2.5 to 2.5	Pass
				-20	3.85	10.672	0.0056	-2.5 to 2.5	Pass
				-10	3.85	12.002	0.0063	-2.5 to 2.5	Pass
				0	3.85	1.373	0.0007	-2.5 to 2.5	Pass
				10	3.85	10.929	0.0057	-2.5 to 2.5	Pass
				30	3.85	11.573	0.0061	-2.5 to 2.5	Pass
				40	3.85	2.089	0.0011	-2.5 to 2.5	Pass
				50	3.85	2.546	0.0013	-2.5 to 2.5	Pass

2.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	1852.5	25	0	20	3.27	-1.774	-0.0010	-2.5 to 2.5	Pass
					3.85	-11.101	-0.0060	-2.5 to 2.5	Pass
					4.43	-3.090	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-3.805	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-3.176	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-8.898	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-8.712	-0.0047	-2.5 to 2.5	Pass

	1880	25	0	30	3.85	-6.709	-0.0036	-2.5 to 2.5	Pass
				40	3.85	0.958	0.0005	-2.5 to 2.5	Pass
				50	3.85	1.874	0.0010	-2.5 to 2.5	Pass
				20	3.27	11.473	0.0061	-2.5 to 2.5	Pass
					3.85	6.566	0.0035	-2.5 to 2.5	Pass
					4.43	8.254	0.0044	-2.5 to 2.5	Pass
				-30	3.85	10.643	0.0057	-2.5 to 2.5	Pass
				-20	3.85	4.592	0.0024	-2.5 to 2.5	Pass
				-10	3.85	2.346	0.0012	-2.5 to 2.5	Pass
				0	3.85	12.603	0.0067	-2.5 to 2.5	Pass
				10	3.85	7.997	0.0043	-2.5 to 2.5	Pass
				30	3.85	7.267	0.0039	-2.5 to 2.5	Pass
				40	3.85	12.789	0.0068	-2.5 to 2.5	Pass
				50	3.85	10.457	0.0056	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	4.549	0.0024	-2.5 to 2.5	Pass
					3.85	-5.579	-0.0029	-2.5 to 2.5	Pass
					4.43	-1.173	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	5.007	0.0026	-2.5 to 2.5	Pass
				-20	3.85	6.051	0.0032	-2.5 to 2.5	Pass
				-10	3.85	6.437	0.0034	-2.5 to 2.5	Pass
				0	3.85	1.988	0.0010	-2.5 to 2.5	Pass
				10	3.85	5.035	0.0026	-2.5 to 2.5	Pass
				30	3.85	5.994	0.0031	-2.5 to 2.5	Pass
				40	3.85	-6.137	-0.0032	-2.5 to 2.5	Pass
				50	3.85	3.390	0.0018	-2.5 to 2.5	Pass

2.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	1855	50	0	20	3.27	-0.114	-0.0001	-2.5 to 2.5	Pass
					3.85	4.964	0.0027	-2.5 to 2.5	Pass
					4.43	-5.708	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-7.024	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-4.578	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	1.817	0.0010	-2.5 to 2.5	Pass
				0	3.85	4.649	0.0025	-2.5 to 2.5	Pass
				10	3.85	-2.961	-0.0016	-2.5 to 2.5	Pass
				30	3.85	4.449	0.0024	-2.5 to 2.5	Pass
				40	3.85	3.319	0.0018	-2.5 to 2.5	Pass
				50	3.85	5.264	0.0028	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	13.890	0.0074	-2.5 to 2.5	Pass
					3.85	4.892	0.0026	-2.5 to 2.5	Pass
					4.43	4.563	0.0024	-2.5 to 2.5	Pass
				-30	3.85	11.044	0.0059	-2.5 to 2.5	Pass
				-20	3.85	11.301	0.0060	-2.5 to 2.5	Pass
				-10	3.85	3.133	0.0017	-2.5 to 2.5	Pass
				0	3.85	9.527	0.0051	-2.5 to 2.5	Pass
				10	3.85	7.753	0.0041	-2.5 to 2.5	Pass
				30	3.85	3.347	0.0018	-2.5 to 2.5	Pass
				40	3.85	6.423	0.0034	-2.5 to 2.5	Pass
				50	3.85	11.015	0.0059	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-4.520	-0.0024	-2.5 to 2.5	Pass
					3.85	-7.124	-0.0037	-2.5 to 2.5	Pass

					4.43	-6.394	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-9.770	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-4.921	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	0.601	0.0003	-2.5 to 2.5	Pass
				0	3.85	-8.655	-0.0045	-2.5 to 2.5	Pass
				10	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				30	3.85	-11.086	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-2.174	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-6.766	-0.0036	-2.5 to 2.5	Pass

2.1.5 B2_15MHz

Band: 2 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	1857.5	75	0	20	3.27	6.566	0.0035	-2.5 to 2.5	Pass
					3.85	4.449	0.0024	-2.5 to 2.5	Pass
					4.43	4.163	0.0022	-2.5 to 2.5	Pass
				-30	3.85	4.363	0.0023	-2.5 to 2.5	Pass
				-20	3.85	0.801	0.0004	-2.5 to 2.5	Pass
				-10	3.85	13.418	0.0072	-2.5 to 2.5	Pass
				0	3.85	9.570	0.0052	-2.5 to 2.5	Pass
				10	3.85	-2.432	-0.0013	-2.5 to 2.5	Pass
				30	3.85	6.723	0.0036	-2.5 to 2.5	Pass
				40	3.85	4.563	0.0025	-2.5 to 2.5	Pass
				50	3.85	7.324	0.0039	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-1.087	-0.0006	-2.5 to 2.5	Pass
					3.85	6.251	0.0033	-2.5 to 2.5	Pass
					4.43	8.984	0.0048	-2.5 to 2.5	Pass
				-30	3.85	7.882	0.0042	-2.5 to 2.5	Pass
				-20	3.85	4.864	0.0026	-2.5 to 2.5	Pass
				-10	3.85	7.052	0.0038	-2.5 to 2.5	Pass
				0	3.85	10.242	0.0054	-2.5 to 2.5	Pass
				10	3.85	10.400	0.0055	-2.5 to 2.5	Pass
				30	3.85	4.721	0.0025	-2.5 to 2.5	Pass
				40	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				50	3.85	9.069	0.0048	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	12.174	0.0064	-2.5 to 2.5	Pass
					3.85	8.068	0.0042	-2.5 to 2.5	Pass
					4.43	2.675	0.0014	-2.5 to 2.5	Pass
				-30	3.85	12.889	0.0068	-2.5 to 2.5	Pass
				-20	3.85	6.881	0.0036	-2.5 to 2.5	Pass
				-10	3.85	5.221	0.0027	-2.5 to 2.5	Pass
				0	3.85	6.609	0.0035	-2.5 to 2.5	Pass
				10	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				30	3.85	7.296	0.0038	-2.5 to 2.5	Pass
				40	3.85	-1.788	-0.0009	-2.5 to 2.5	Pass
				50	3.85	10.371	0.0055	-2.5 to 2.5	Pass

2.1.6 B2_20MHz

Band: 2 / Bandwidth: 20MHz							
Modulation	Frequency	RB Allocation	Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)	Verdict

	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	
64QAM	1860	100	0	20	3.27	-3.991	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.419	-0.0018	-2.5 to 2.5	Pass
					4.43	-0.443	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-9.999	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-8.812	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-4.420	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-8.969	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-3.748	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-1.516	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-4.048	-0.0022	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	11.773	0.0063	-2.5 to 2.5	Pass
					3.85	5.937	0.0032	-2.5 to 2.5	Pass
					4.43	5.608	0.0030	-2.5 to 2.5	Pass
				-30	3.85	4.320	0.0023	-2.5 to 2.5	Pass
				-20	3.85	5.808	0.0031	-2.5 to 2.5	Pass
				-10	3.85	8.655	0.0046	-2.5 to 2.5	Pass
				0	3.85	4.792	0.0025	-2.5 to 2.5	Pass
				10	3.85	4.478	0.0024	-2.5 to 2.5	Pass
				30	3.85	3.548	0.0019	-2.5 to 2.5	Pass
				40	3.85	6.852	0.0036	-2.5 to 2.5	Pass
				50	3.85	9.112	0.0048	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	1.216	0.0006	-2.5 to 2.5	Pass
					3.85	2.875	0.0015	-2.5 to 2.5	Pass
					4.43	0.486	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.903	-0.0010	-2.5 to 2.5	Pass
				0	3.85	1.616	0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				30	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				50	3.85	1.373	0.0007	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band2_OBW

Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	64QAM	1850.7	6	0	1.113	/	Pass
		1880	6	0	1.104	/	Pass
		1909.3	6	0	1.103	/	Pass
3	64QAM	1851.5	15	0	2.758	/	Pass
		1880	15	0	2.739	/	Pass
		1908.5	15	0	2.727	/	Pass
5	64QAM	1852.5	25	0	4.549	/	Pass
		1880	25	0	4.563	/	Pass
		1907.5	25	0	4.554	/	Pass
10	64QAM	1855	50	0	9.069	/	Pass

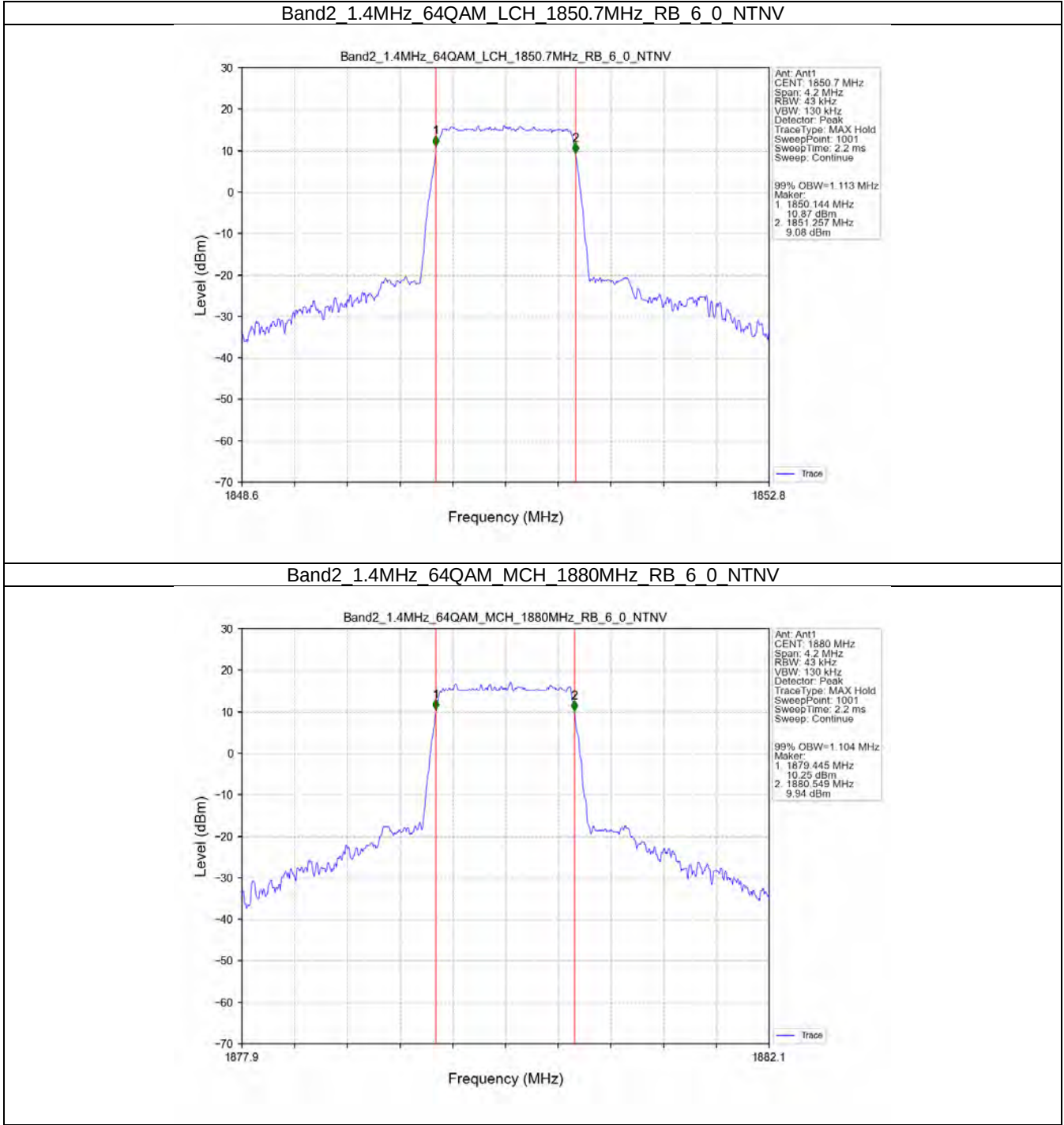
15	64QAM	1880	50	0	9.042	/	Pass
		1905	50	0	9.091	/	Pass
		1857.5	75	0	13.574	/	Pass
		1880	75	0	13.631	/	Pass
		1902.5	75	0	13.636	/	Pass
20	64QAM	1860	100	0	18.044	/	Pass
		1880	100	0	18.138	/	Pass
		1900	100	0	18.101	/	Pass

3.1.2 Band2_XDB

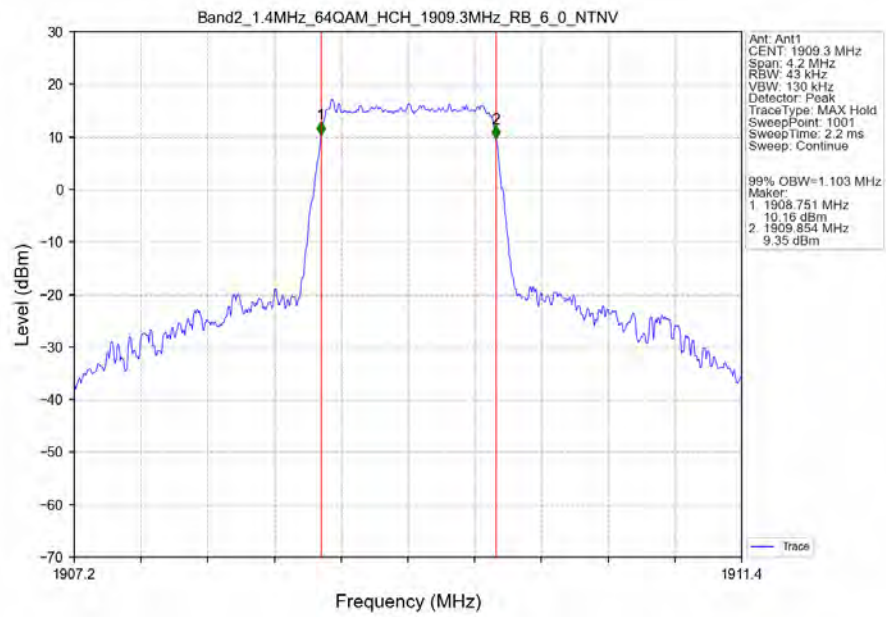
Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	64QAM	1850.7	6	0	1.271	/	Pass
		1880	6	0	1.255	/	Pass
		1909.3	6	0	1.258	/	Pass
3	64QAM	1851.5	15	0	3.081	/	Pass
		1880	15	0	3.056	/	Pass
		1908.5	15	0	3.069	/	Pass
5	64QAM	1852.5	25	0	5.051	/	Pass
		1880	25	0	5.083	/	Pass
		1907.5	25	0	5.048	/	Pass
10	64QAM	1855	50	0	9.894	/	Pass
		1880	50	0	9.908	/	Pass
		1905	50	0	10.030	/	Pass
15	64QAM	1857.5	75	0	14.893	/	Pass
		1880	75	0	15.056	/	Pass
		1902.5	75	0	14.952	/	Pass
20	64QAM	1860	100	0	19.911	/	Pass
		1880	100	0	19.871	/	Pass
		1900	100	0	19.575	/	Pass

3.2 Test Graph

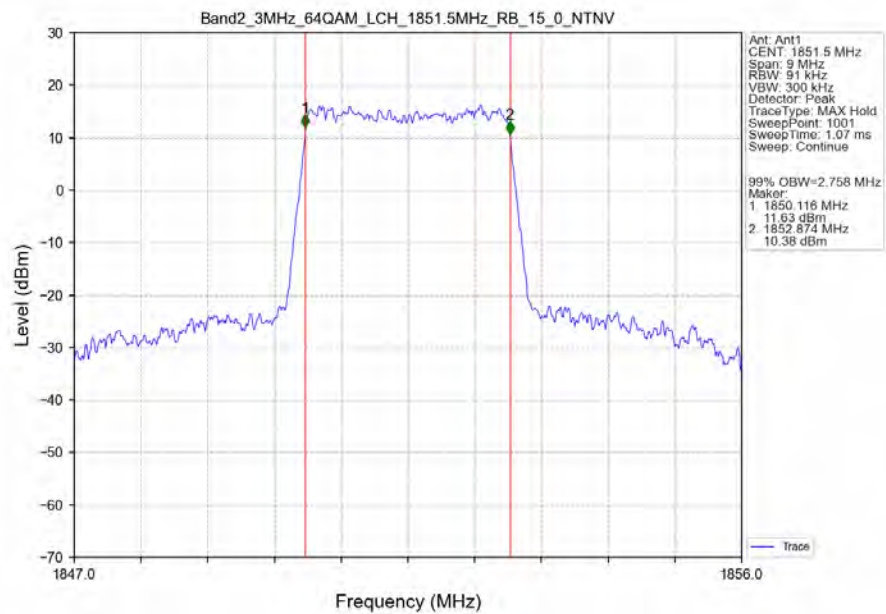
3.2.1 Band2_OBW



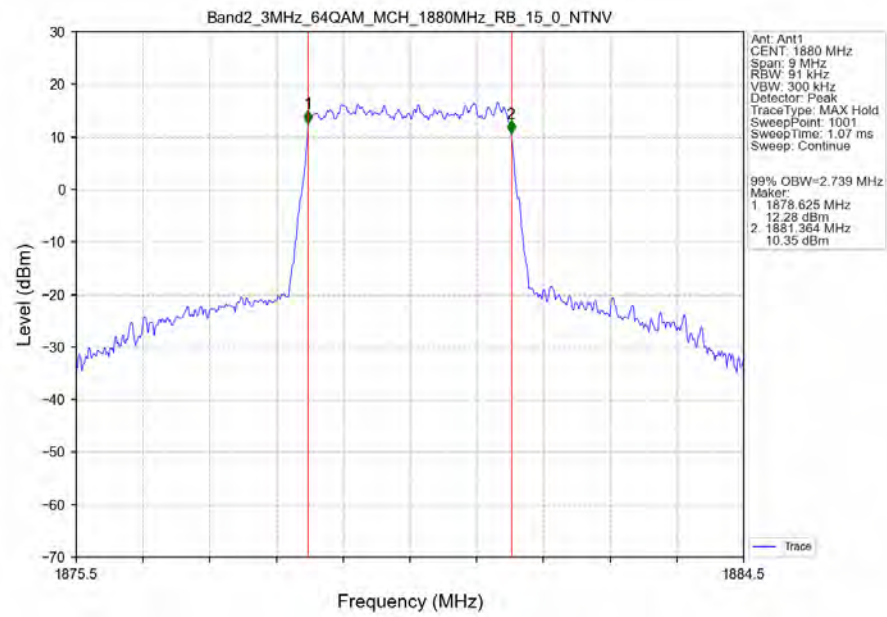
Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_6_0_NTNV



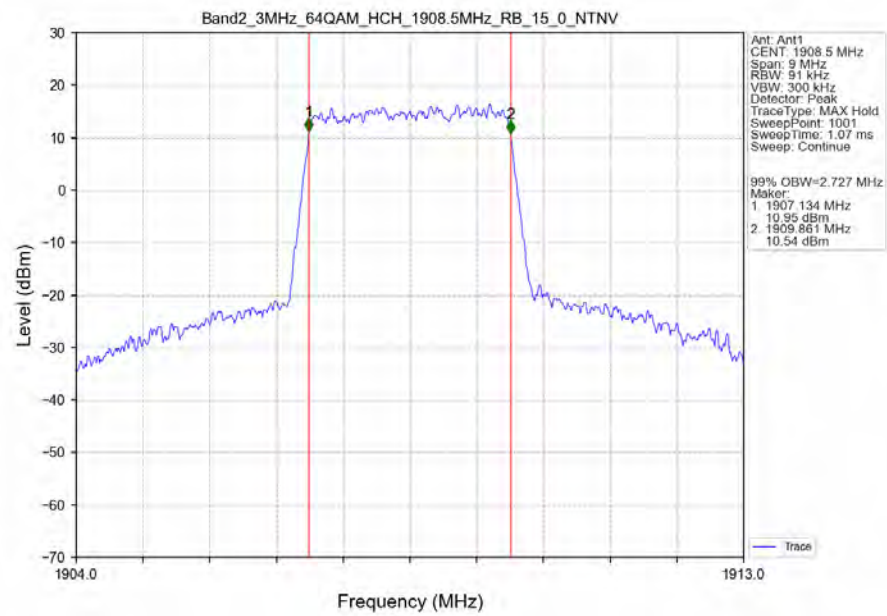
Band2_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



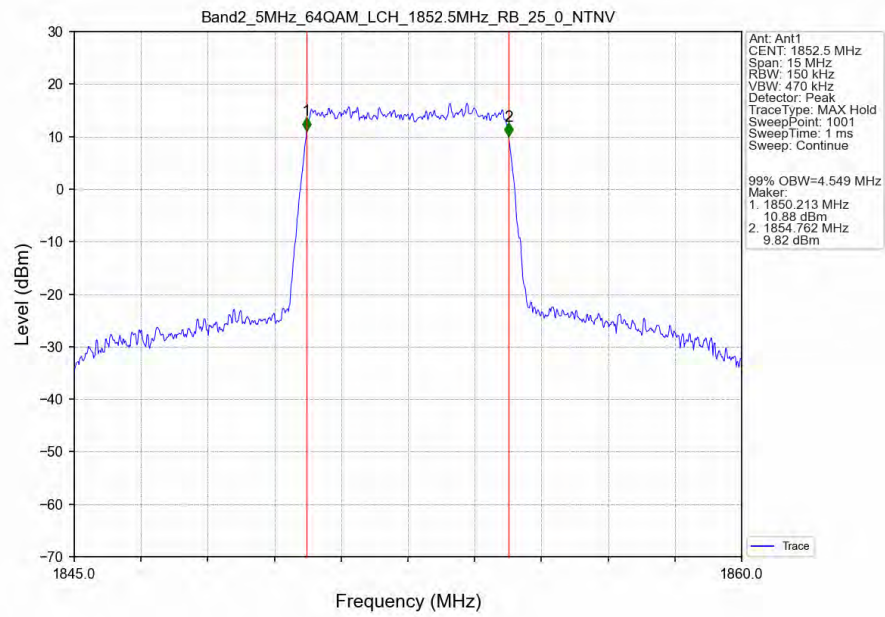
Band2_3MHz_64QAM_MCH_1880MHz_RB_15_0_NTNV



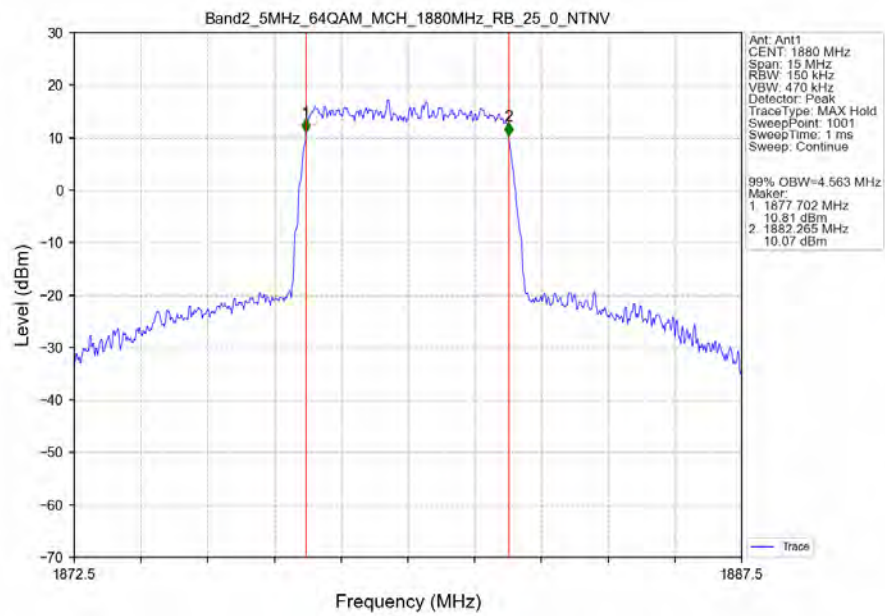
Band2_3MHz_64QAM_HCH_1908.5MHz_RB_15_0_NTNV



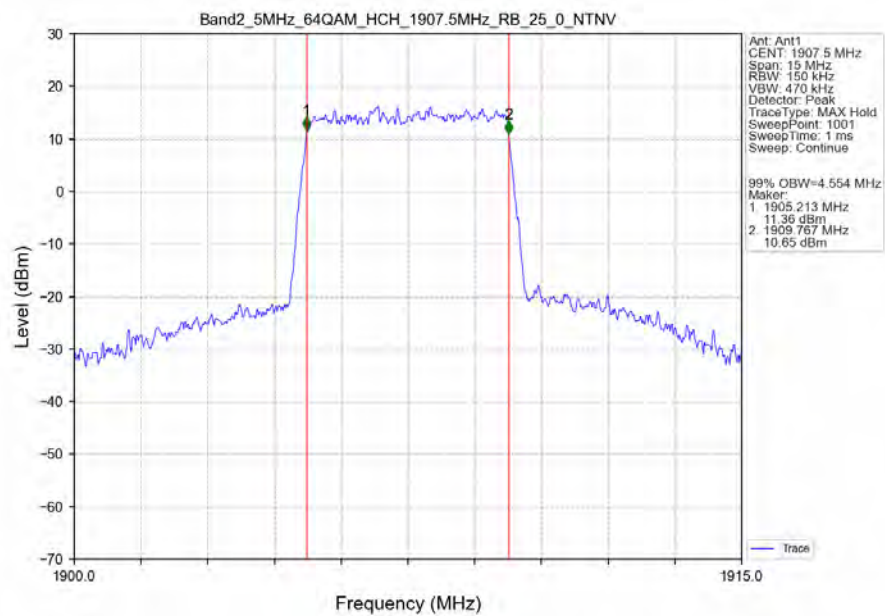
Band2_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



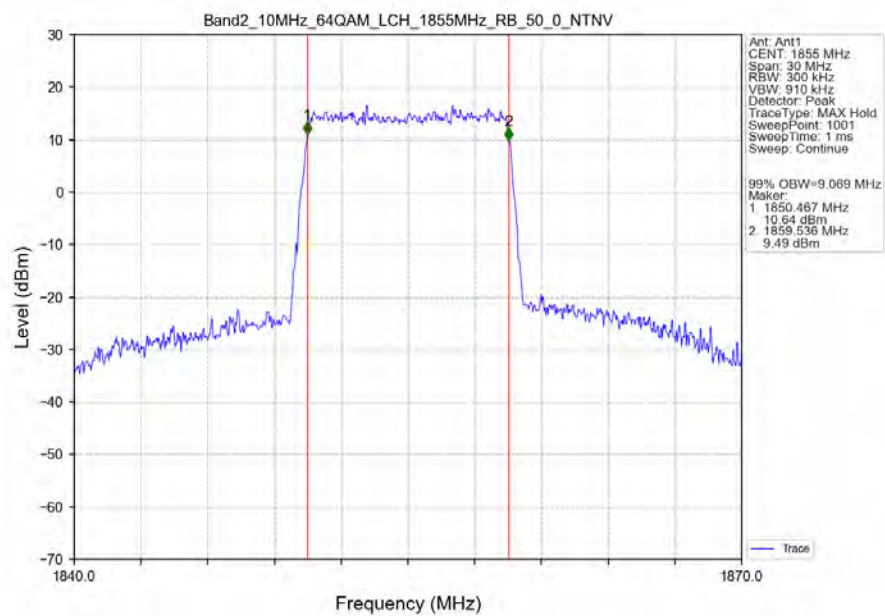
Band2_5MHz_64QAM_MCH_1880MHz_RB_25_0_NTNV



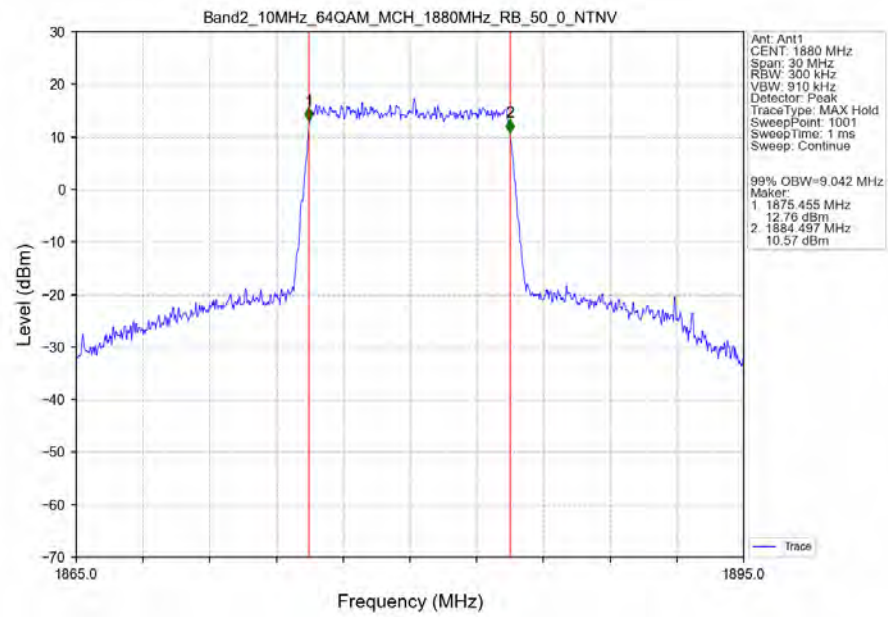
Band2_5MHz_64QAM_HCH_1907.5MHz_RB_25_0_NTNV



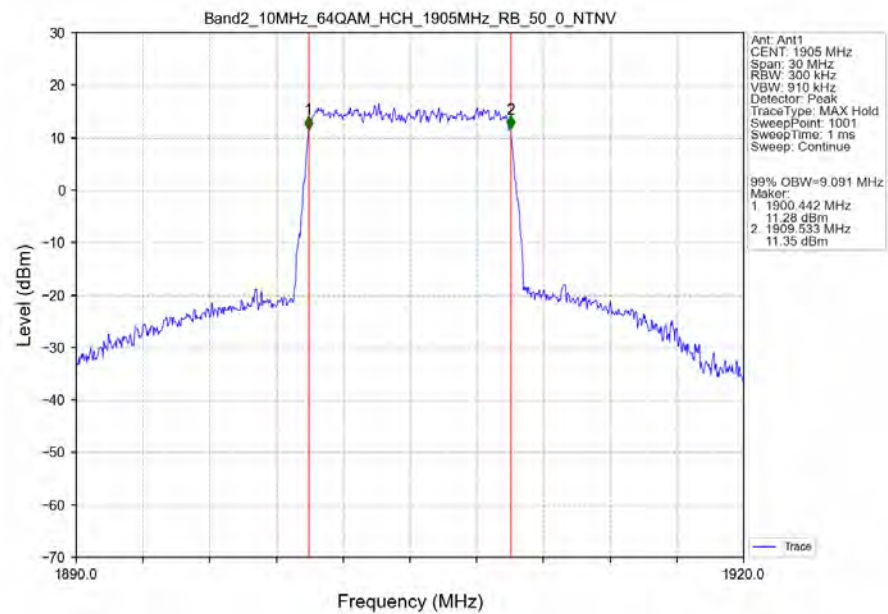
Band2_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV



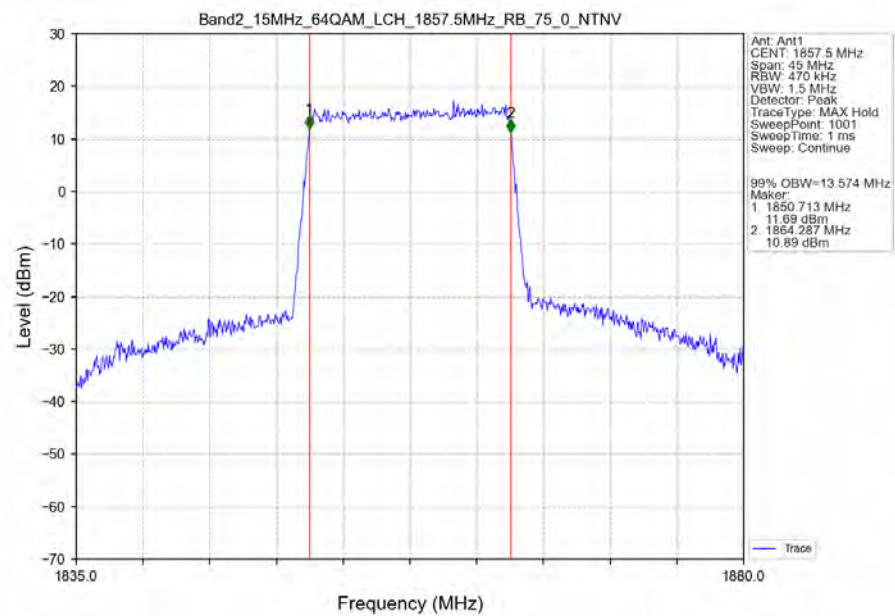
Band2_10MHz_64QAM_MCH_1880MHz_RB_50_0_NTNV



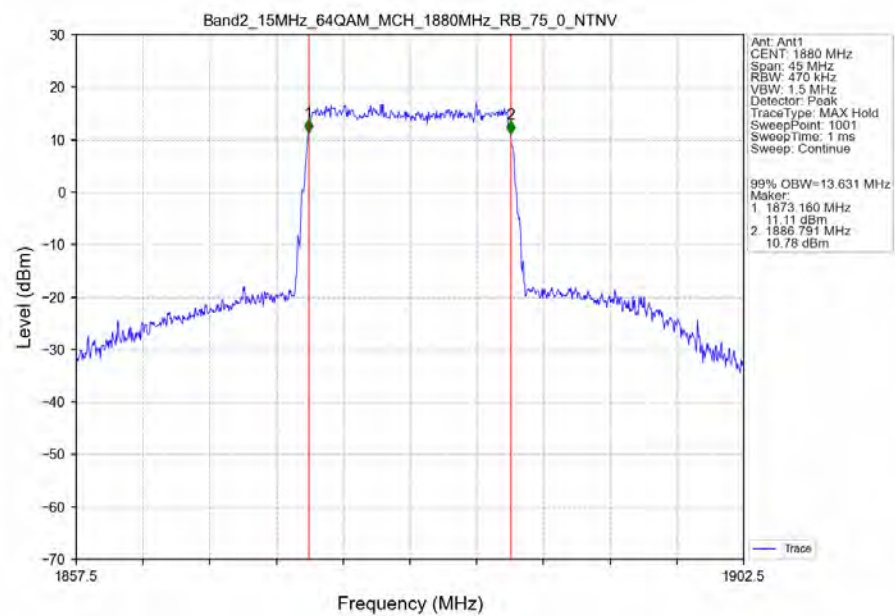
Band2_10MHz_64QAM_HCH_1905MHz_RB_50_0_NTNV



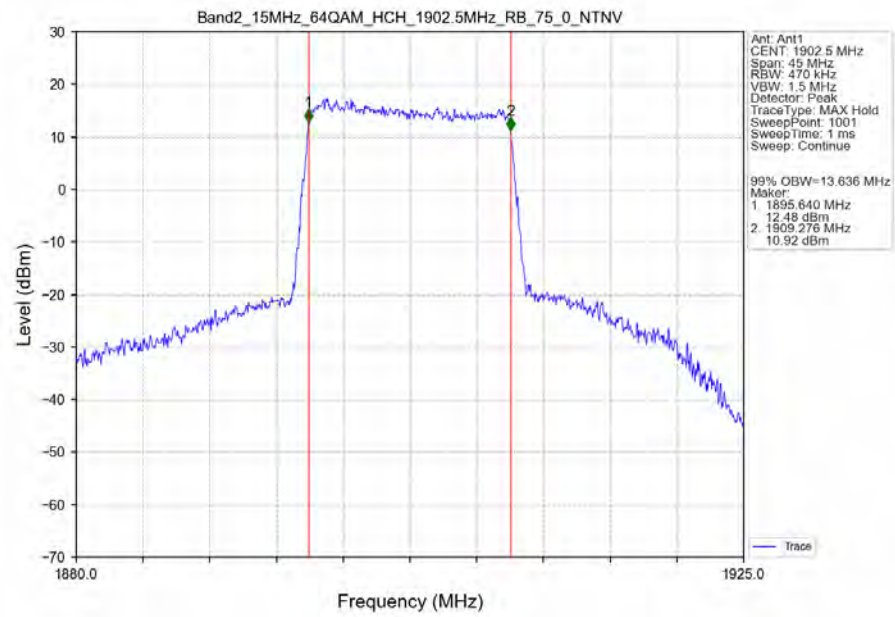
Band2_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



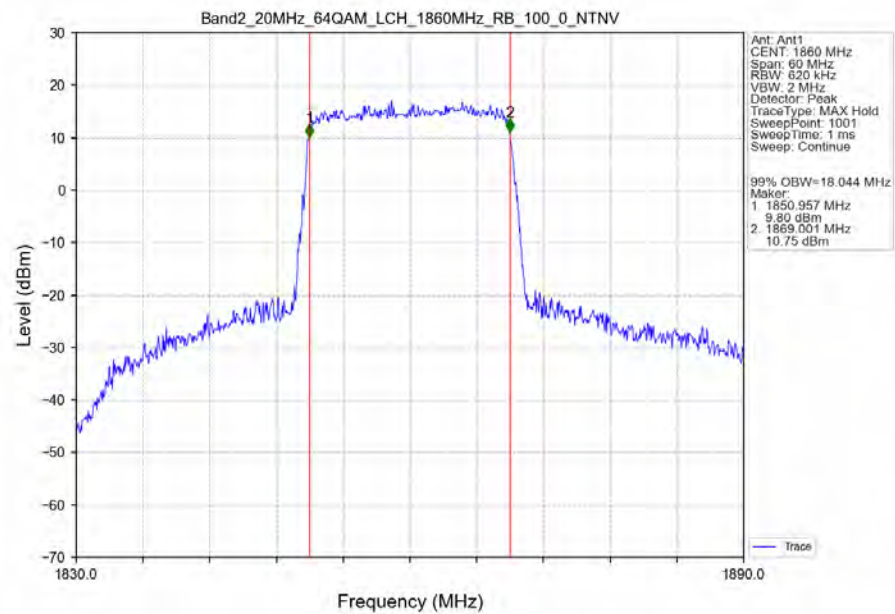
Band2_15MHz_64QAM_MCH_1880MHz_RB_75_0_NTNV



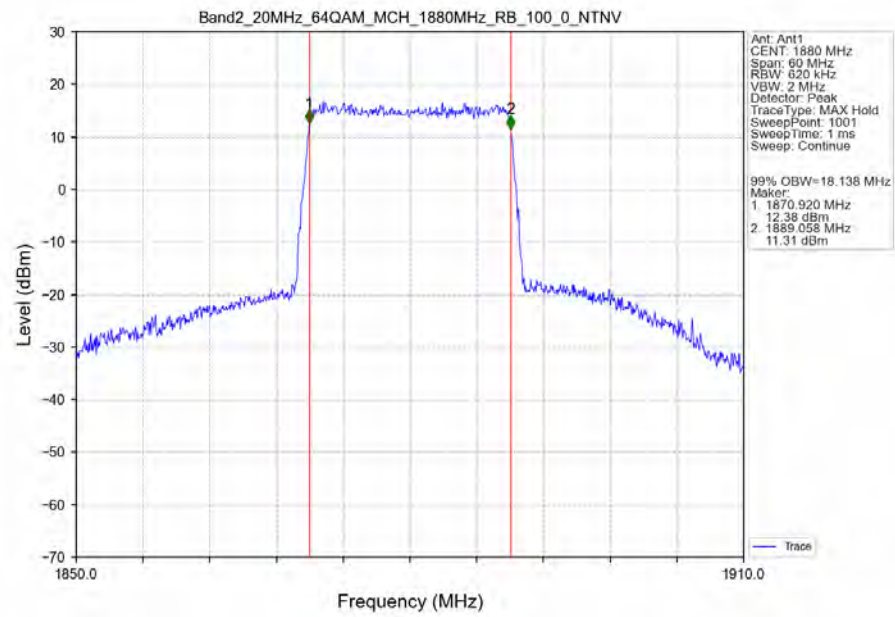
Band2_15MHz_64QAM_HCH_1902.5MHz_RB_75_0_NTNV



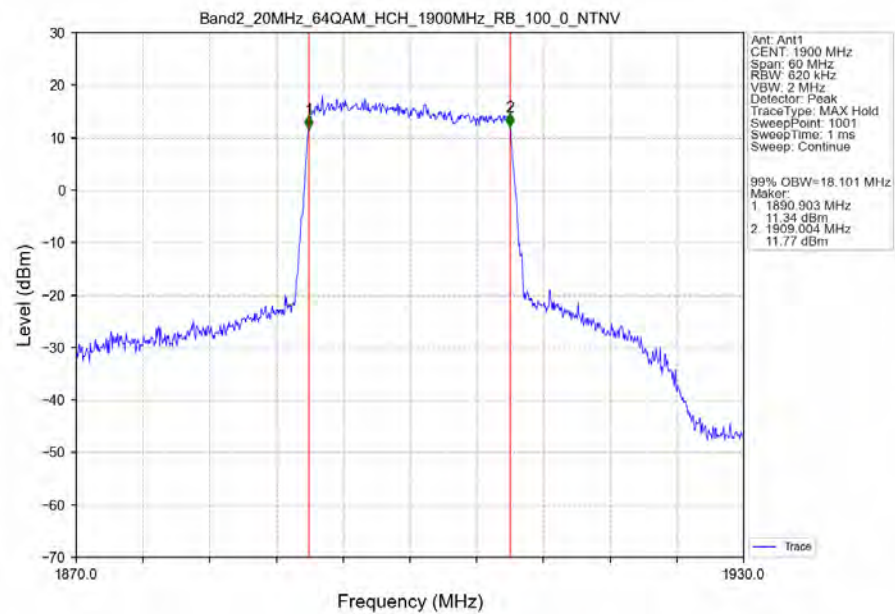
Band2_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV



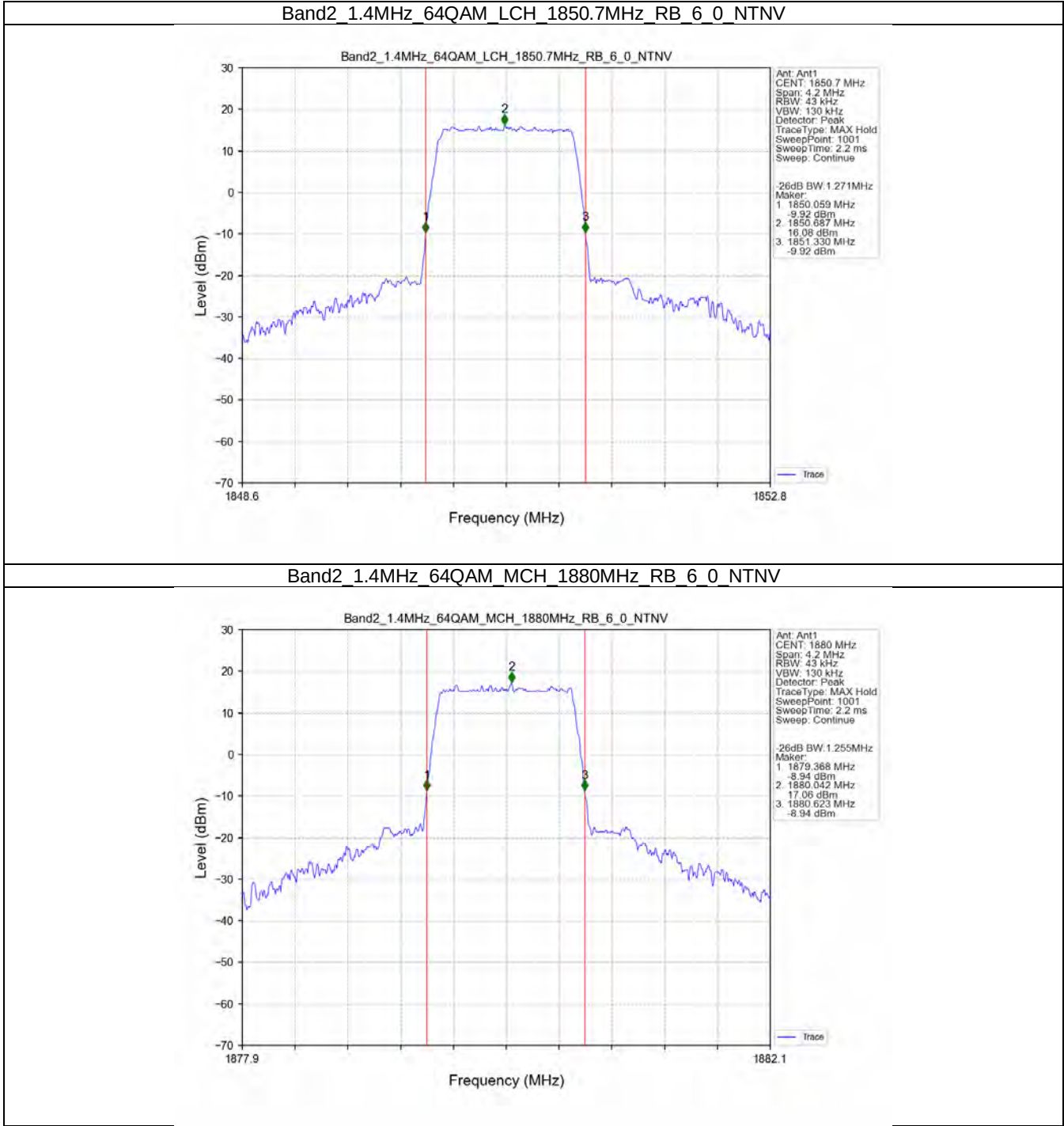
Band2_20MHz_64QAM_MCH_1880MHz_RB_100_0_NTNV



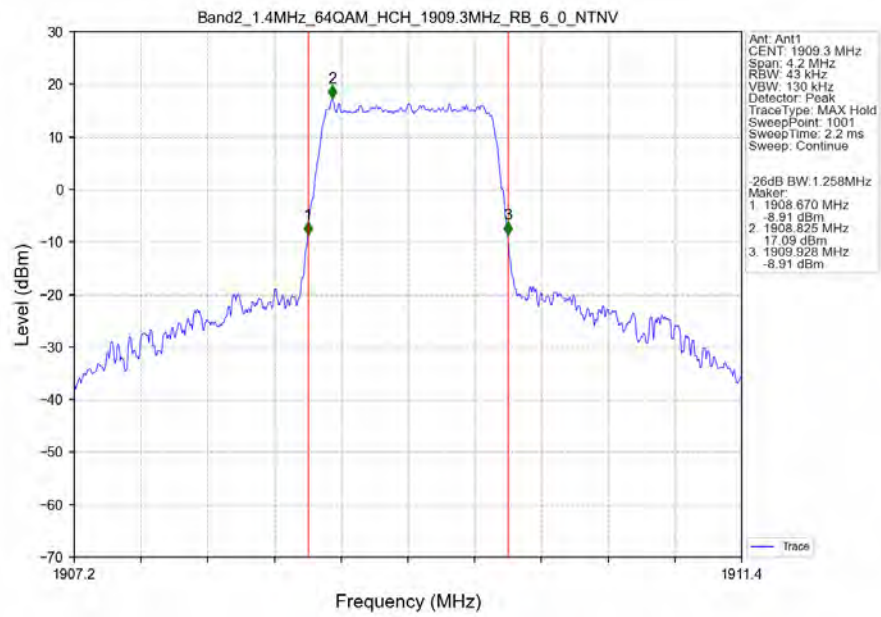
Band2_20MHz_64QAM_HCH_1900MHz_RB_100_0_NTNV



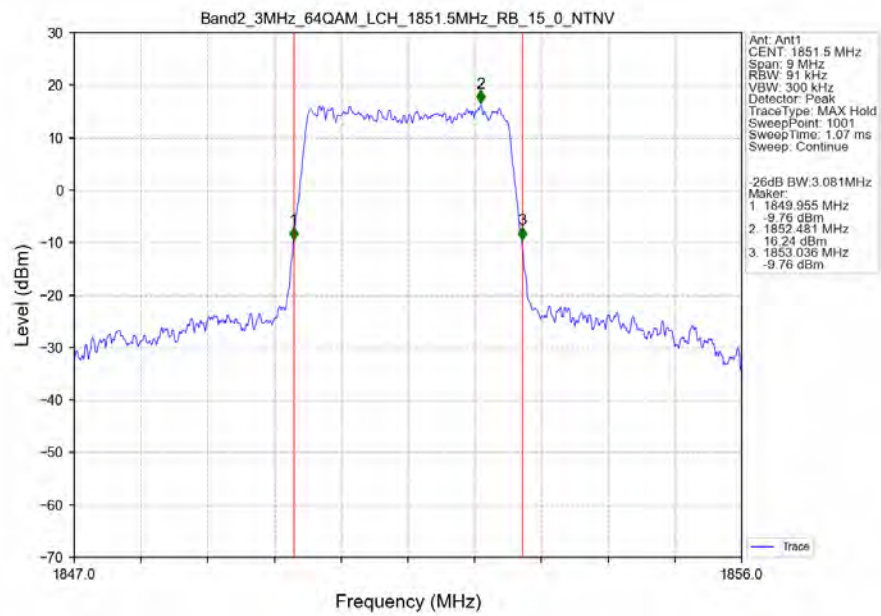
3.2.2 Band2_XDB



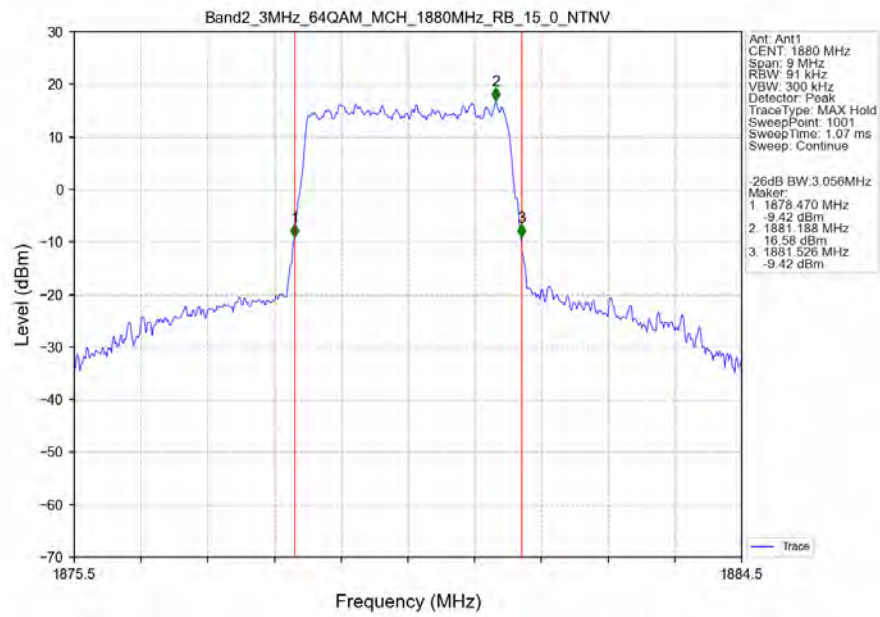
Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_6_0_NTNV



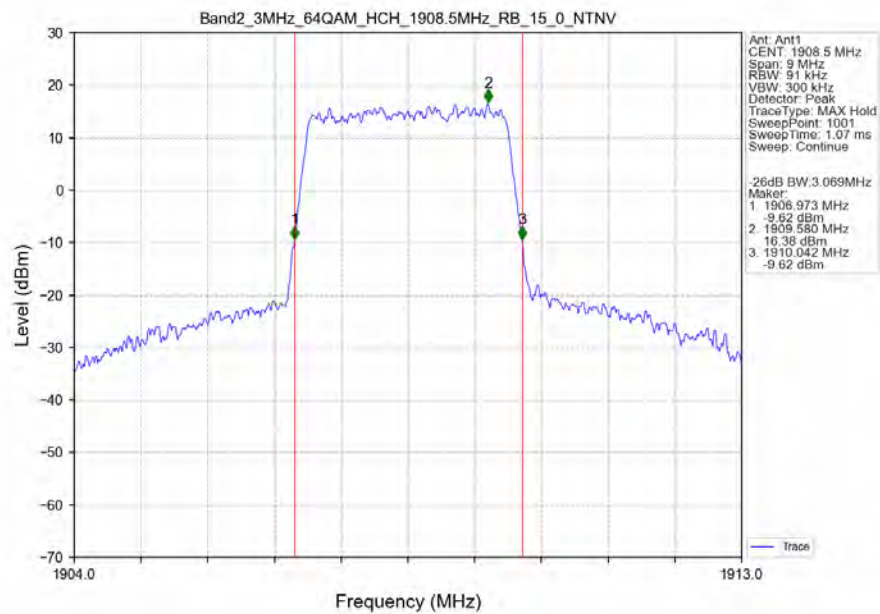
Band2_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



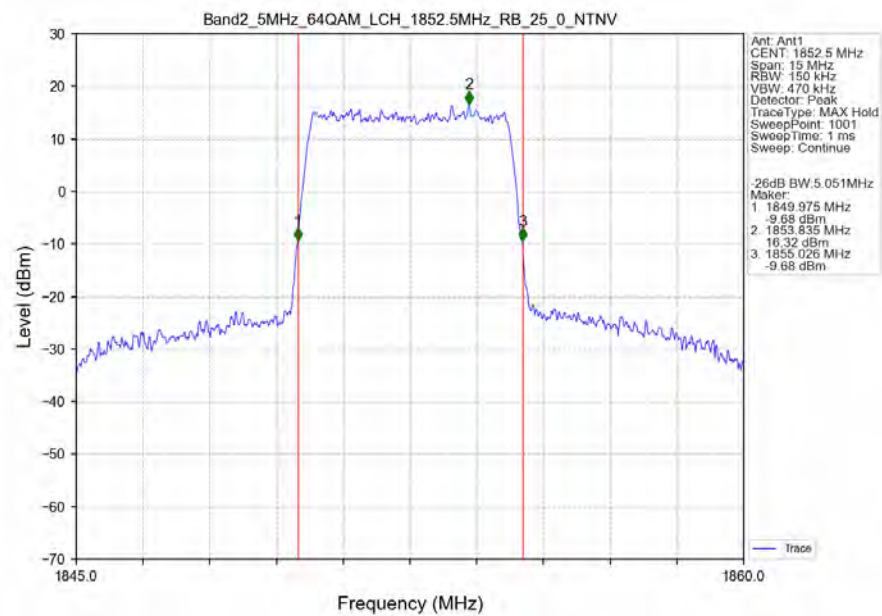
Band2_3MHz_64QAM_MCH_1880MHz_RB_15_0_NTNV



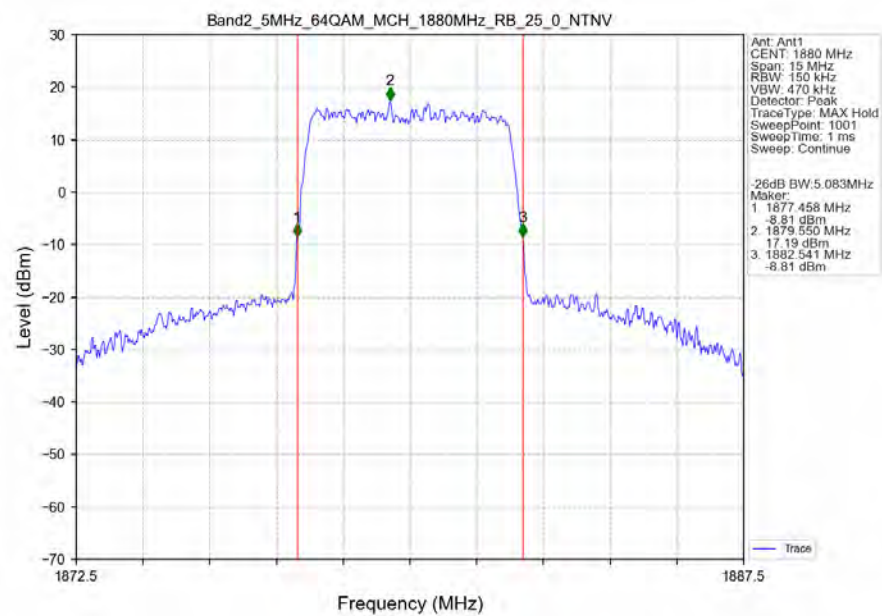
Band2_3MHz_64QAM_HCH_1908.5MHz_RB_15_0_NTNV



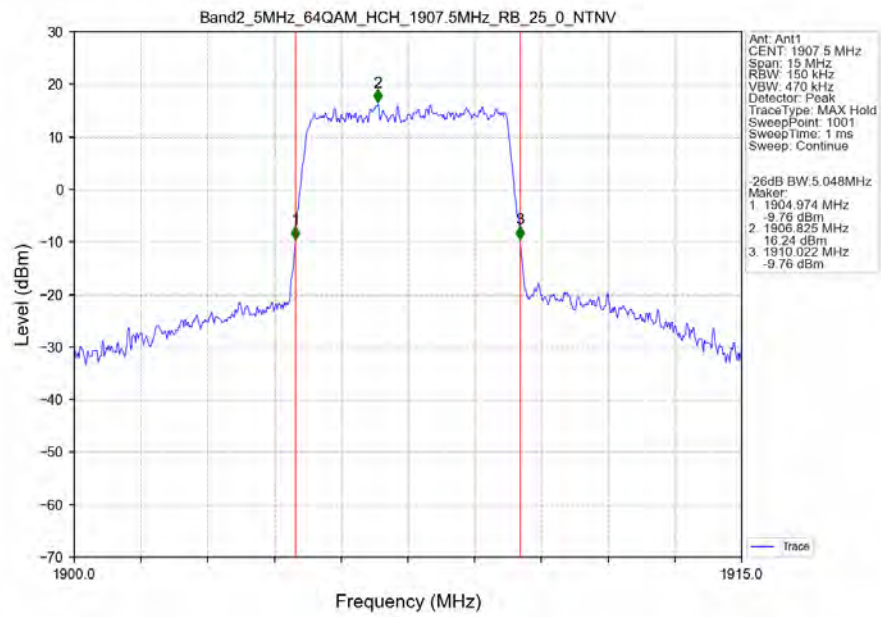
Band2_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



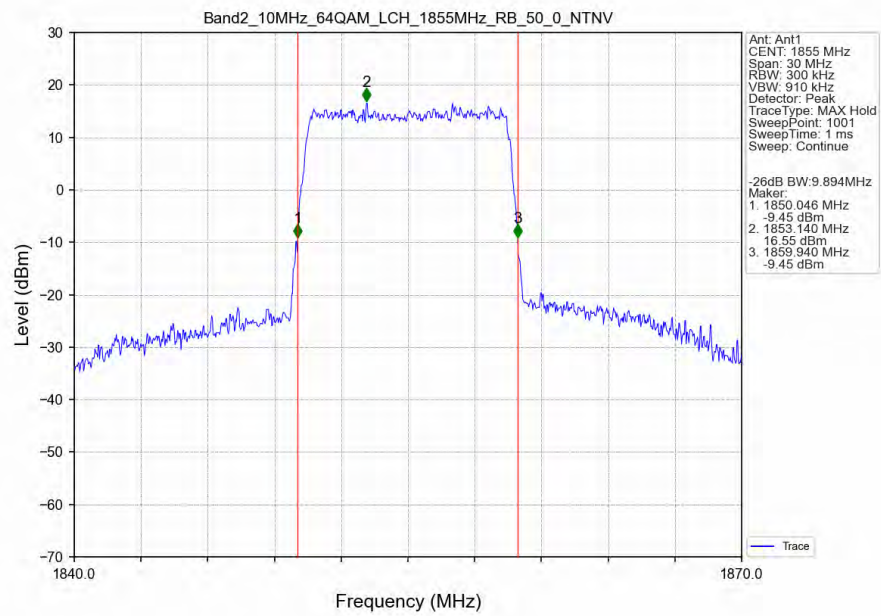
Band2_5MHz_64QAM_MCH_1880MHz_RB_25_0_NTNV



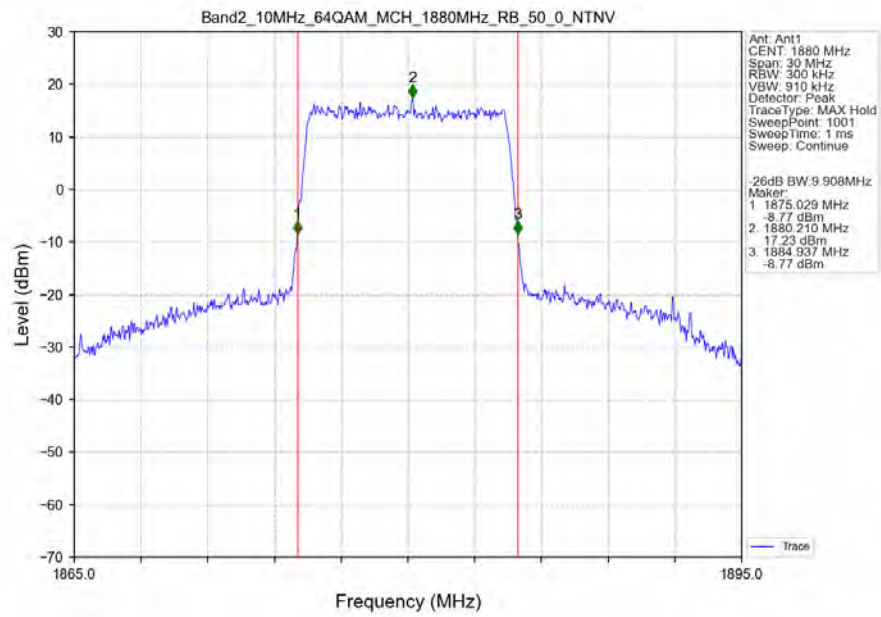
Band2_5MHz_64QAM_HCH_1907.5MHz_RB_25_0_NTNV



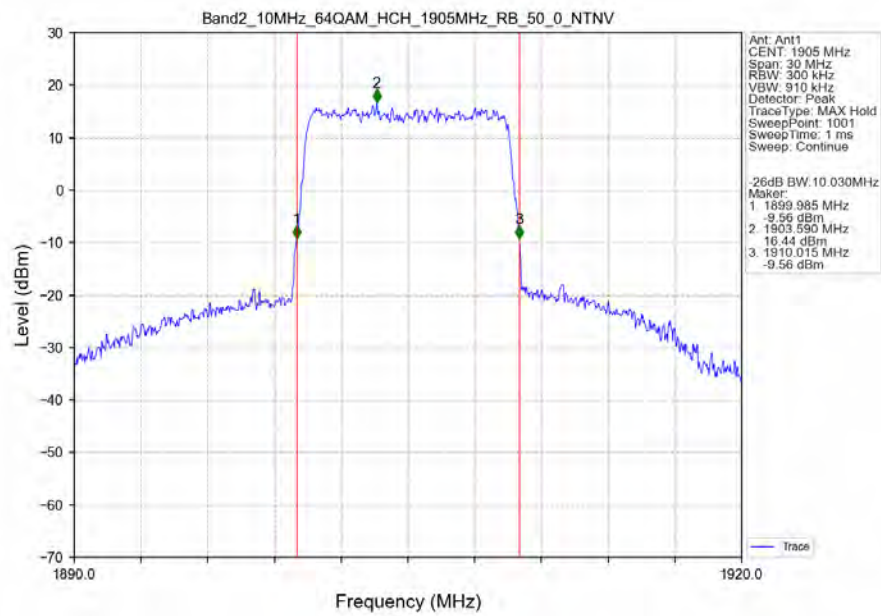
Band2_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV



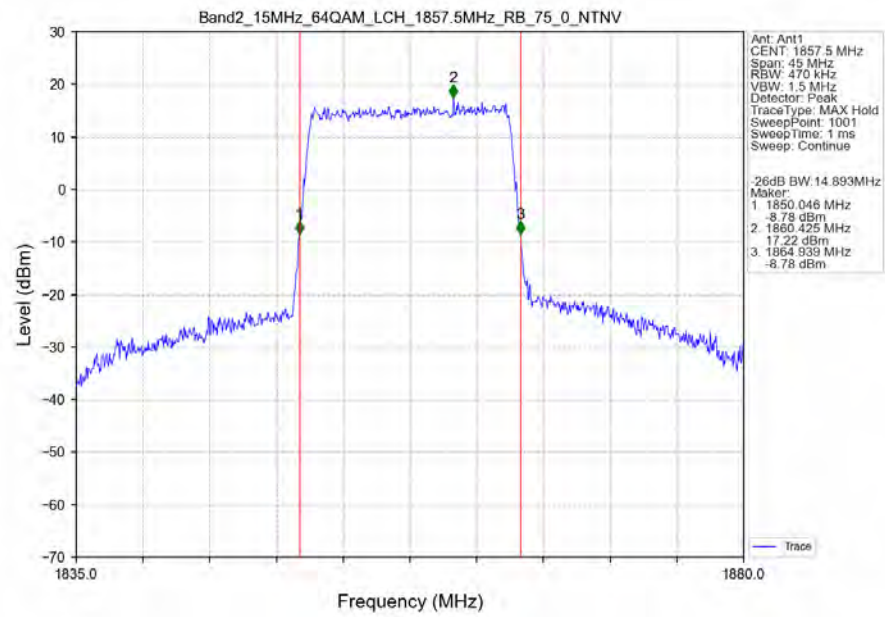
Band2_10MHz_64QAM_MCH_1880MHz_RB_50_0_NTNV



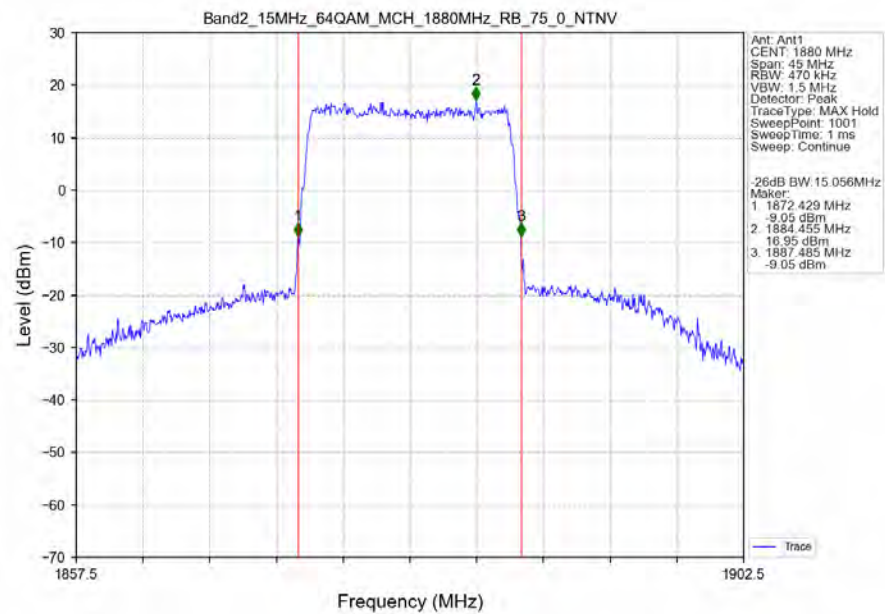
Band2_10MHz_64QAM_HCH_1905MHz_RB_50_0_NTNV



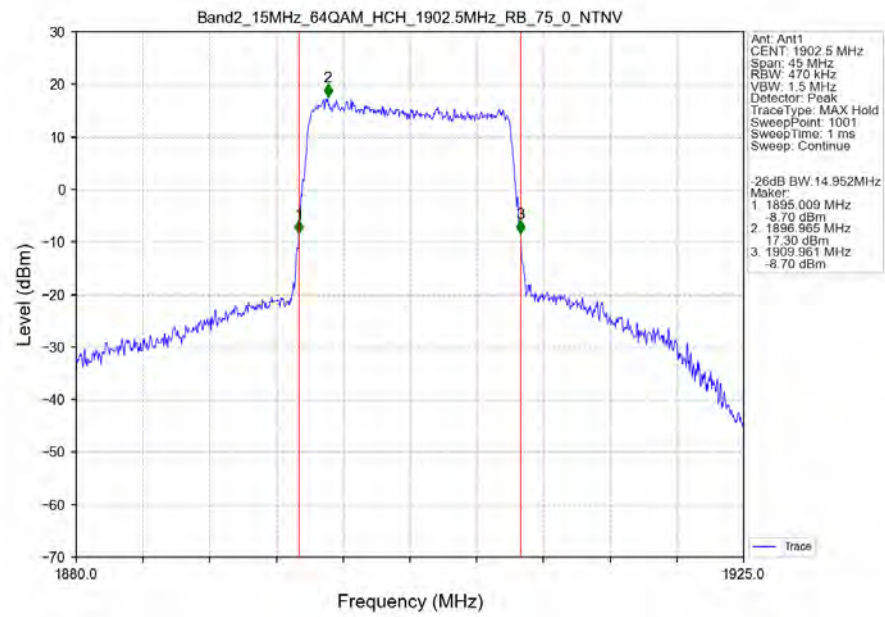
Band2_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



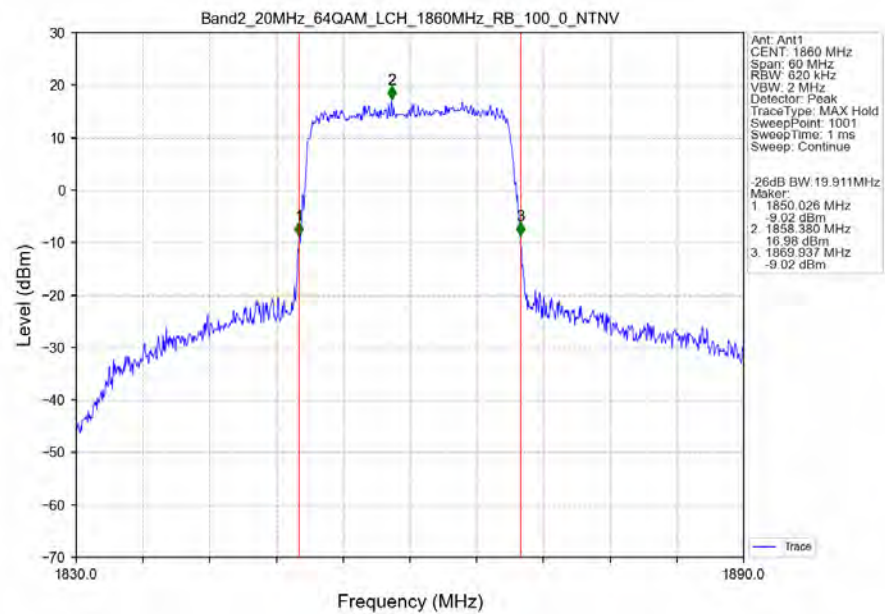
Band2_15MHz_64QAM_MCH_1880MHz_RB_75_0_NTNV



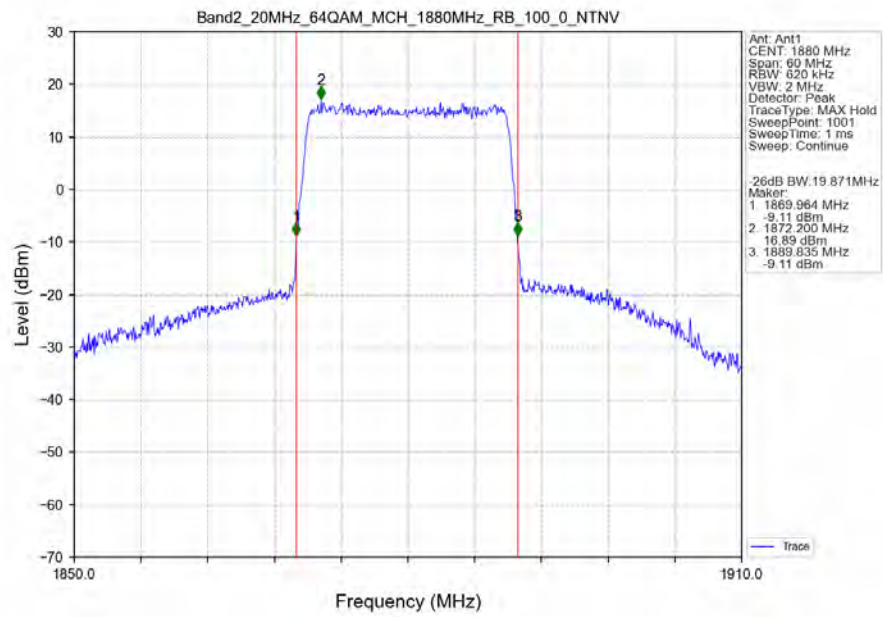
Band2_15MHz_64QAM_HCH_1902.5MHz_RB_75_0_NTNV



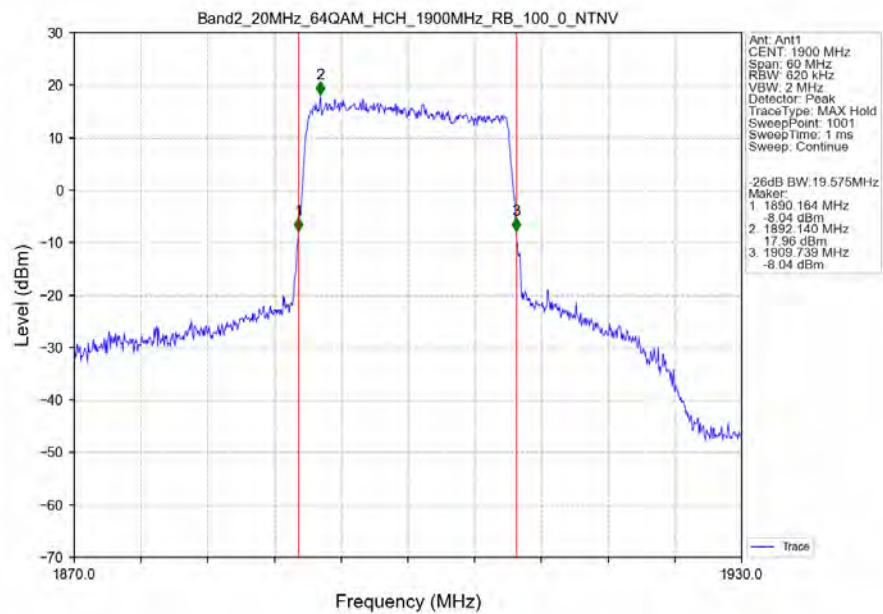
Band2_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_64QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_64QAM_HCH_1900MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	1850.7	6	0	6.37	<=13	Pass
	1880	6	0	6.75	<=13	Pass
	1909.3	6	0	6.62	<=13	Pass

4.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	1851.5	15	0	6.48	<=13	Pass
	1880	15	0	6.94	<=13	Pass
	1908.5	15	0	6.73	<=13	Pass

4.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	1852.5	25	0	6.54	<=13	Pass
	1880	25	0	6.88	<=13	Pass
	1907.5	25	0	6.75	<=13	Pass

4.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	1855	50	0	6.53	<=13	Pass
	1880	50	0	6.87	<=13	Pass
	1905	50	0	6.79	<=13	Pass

4.1.5 B2_15MHz

Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	1857.5	75	0	6.45	<=13	Pass

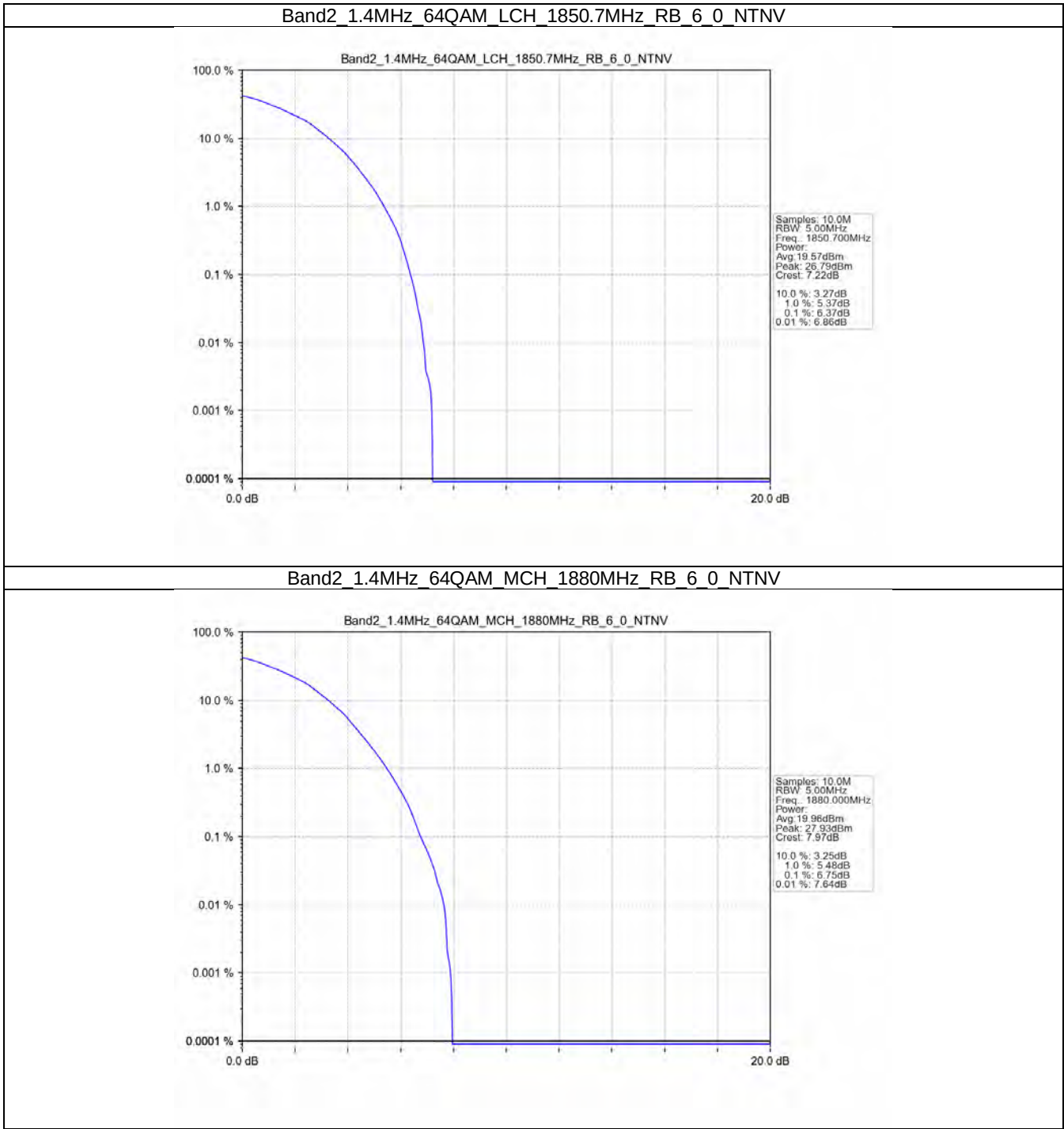
	1880	75	0	6.80	<=13	Pass
	1902.5	75	0	6.77	<=13	Pass

4.1.6 B2_20MHz

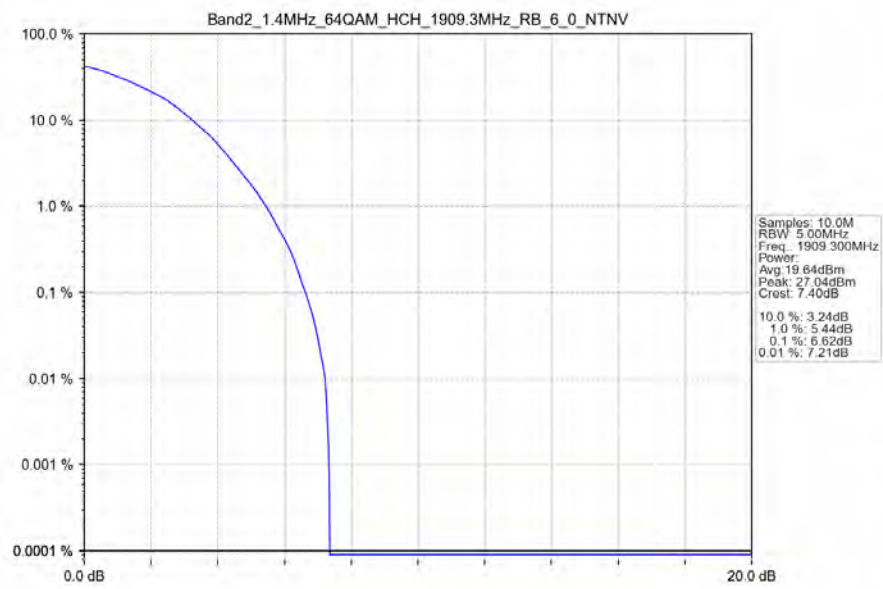
Band: 2 / Bandwidth: 20MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	1860	100	0	6.44	<=13	Pass
	1880	100	0	6.79	<=13	Pass
	1900	100	0	6.67	<=13	Pass

4.2 Test Graph

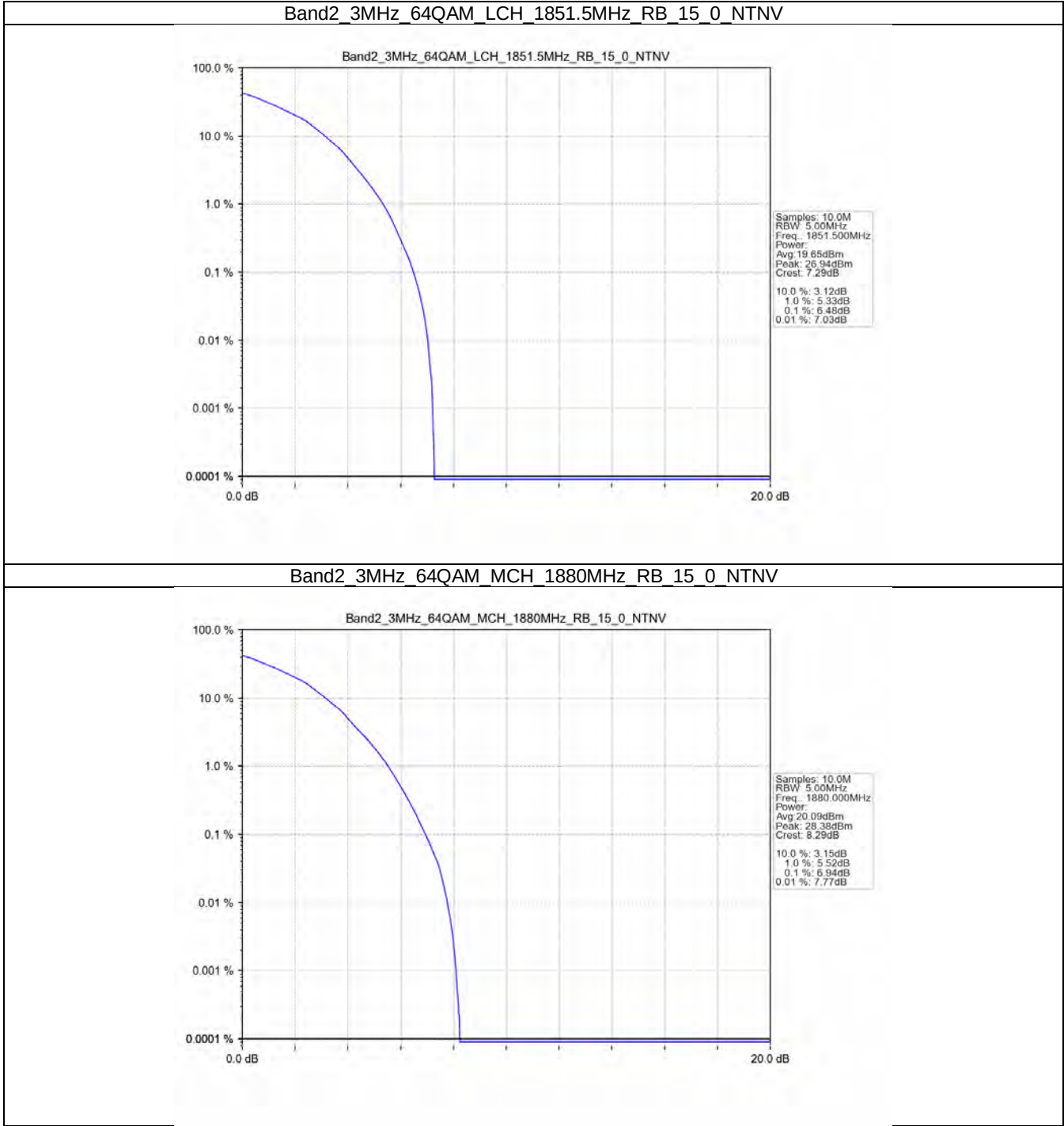
4.2.1 B2_1.4MHz



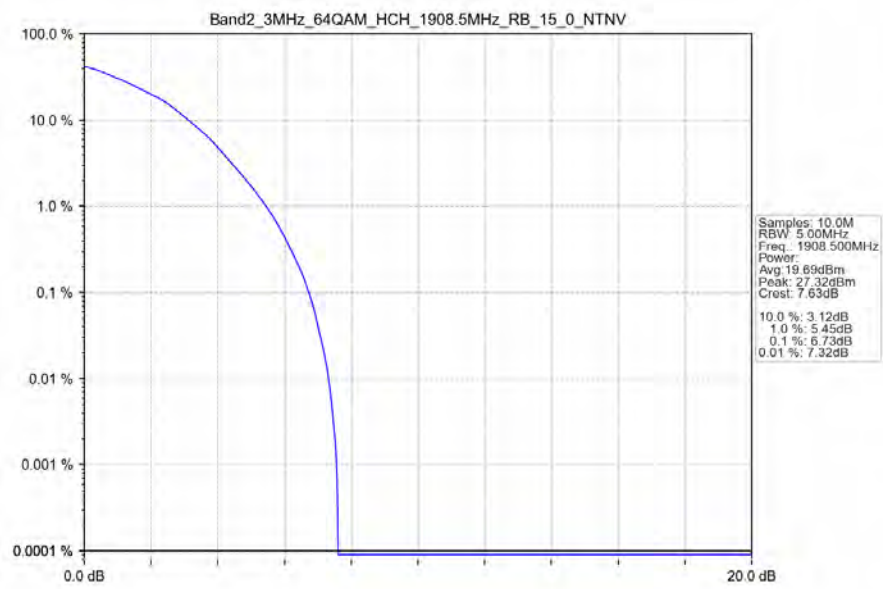
Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_6_0_NTNV



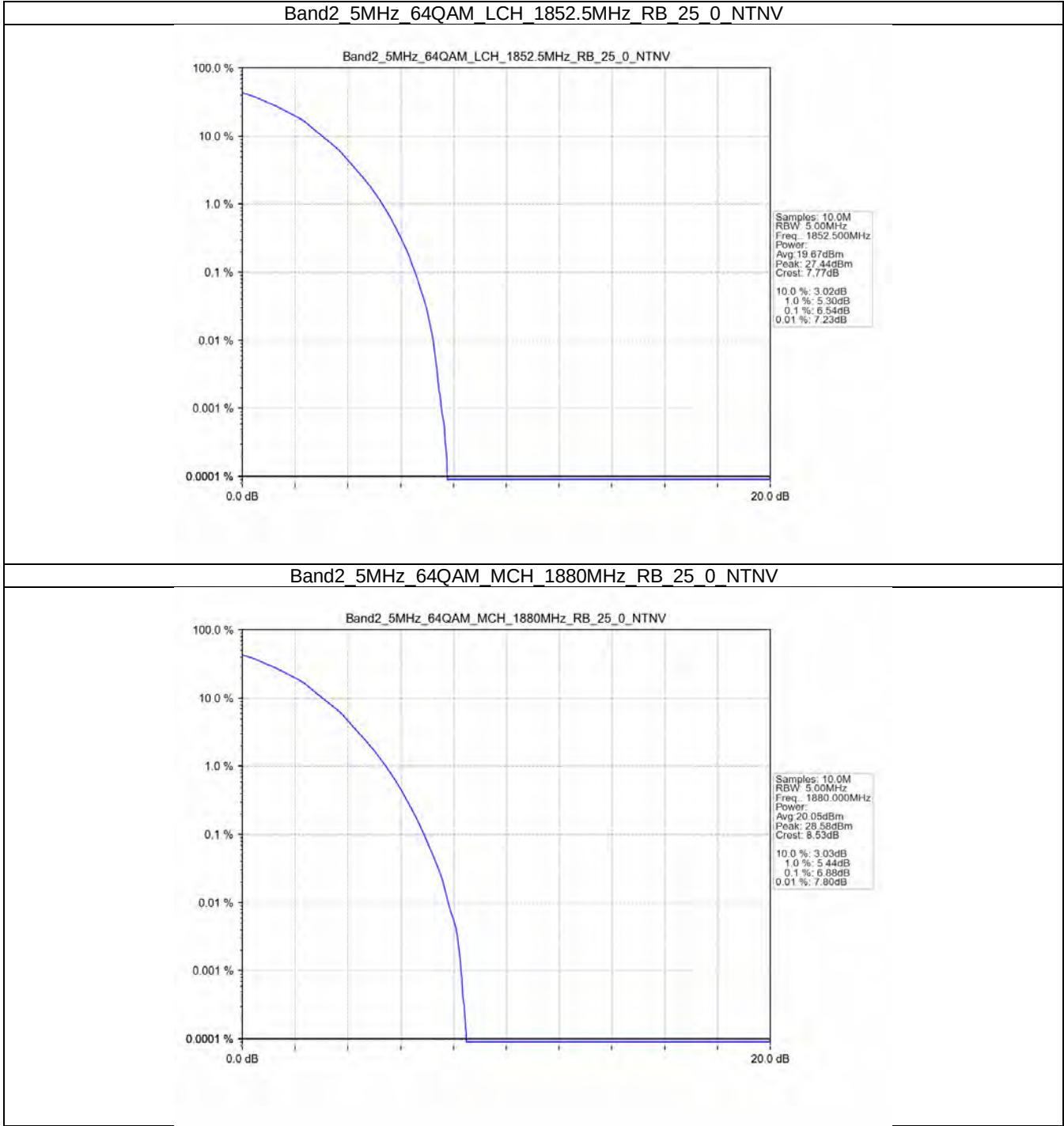
4.2.2 B2_3MHz



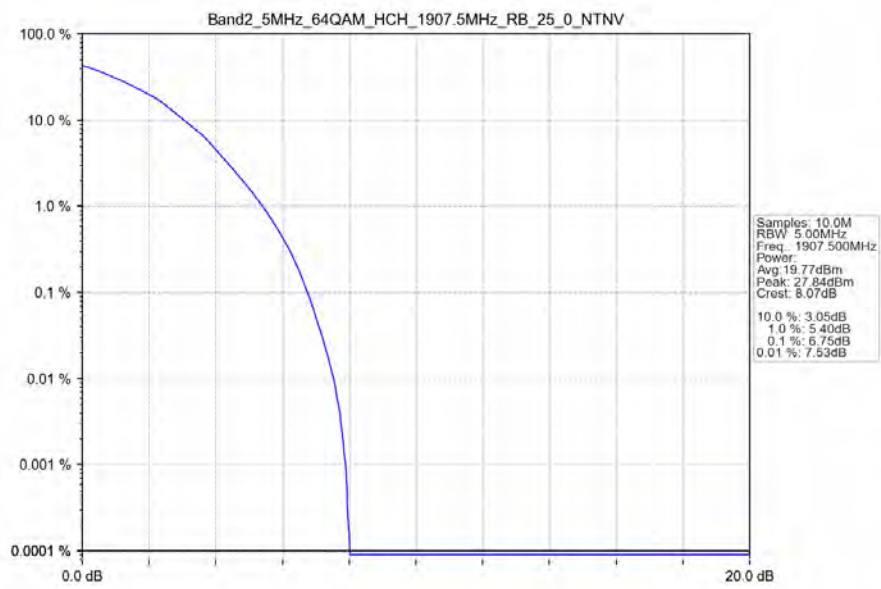
Band2_3MHz_64QAM_HCH_1908.5MHz_RB_15_0_NTNV



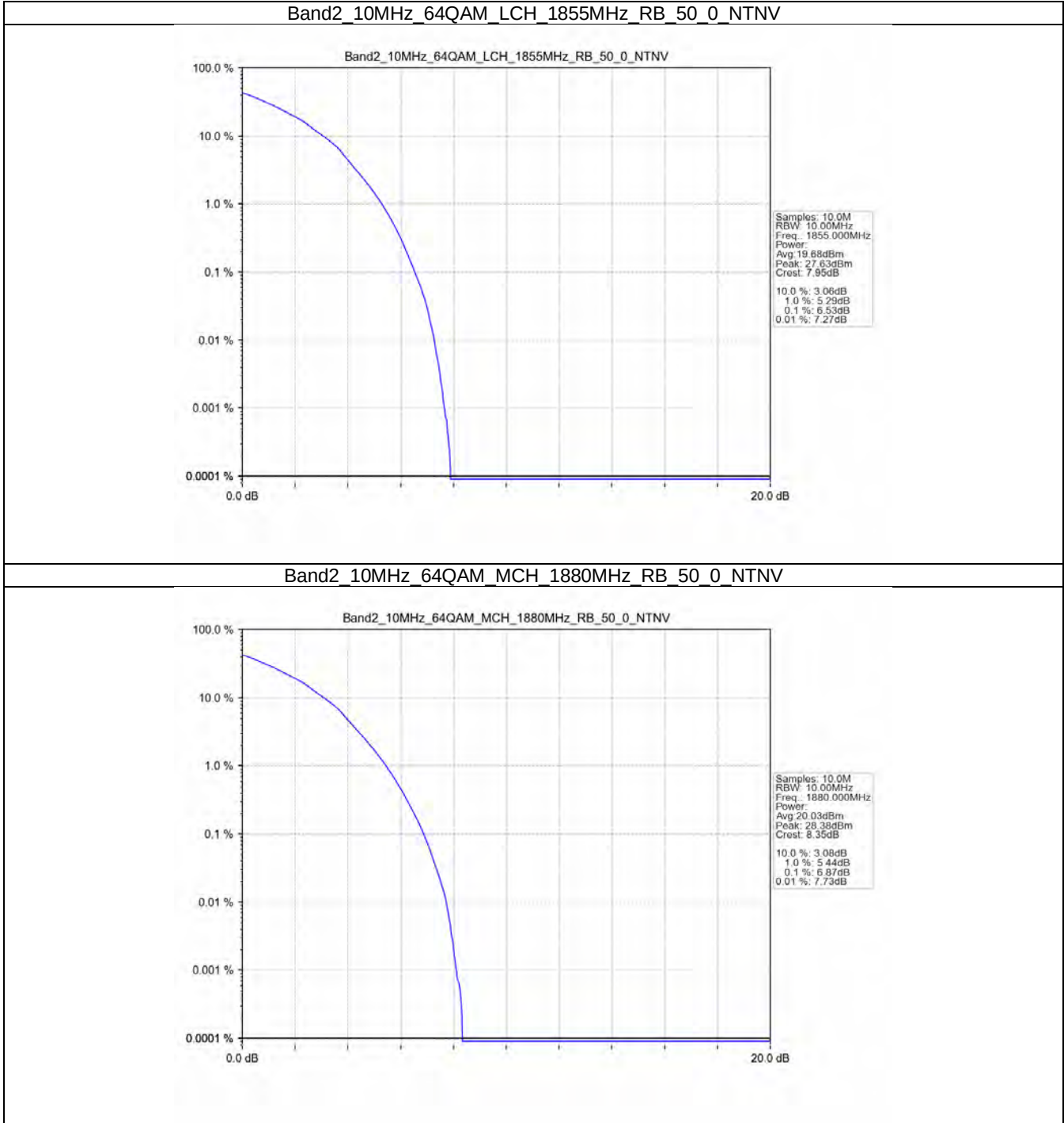
4.2.3 B2_5MHz



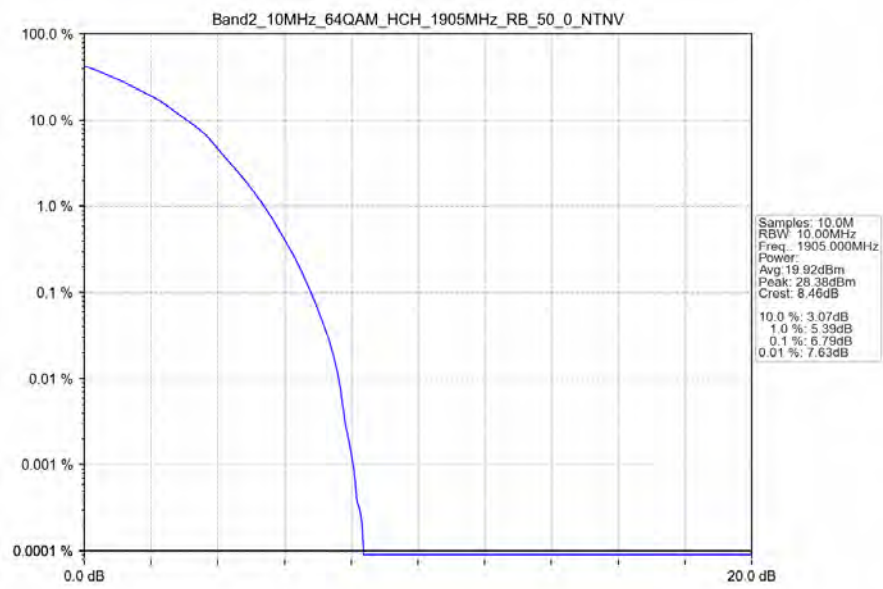
Band2 5MHz 64QAM HCH 1907.5MHz RB 25 0 NTV



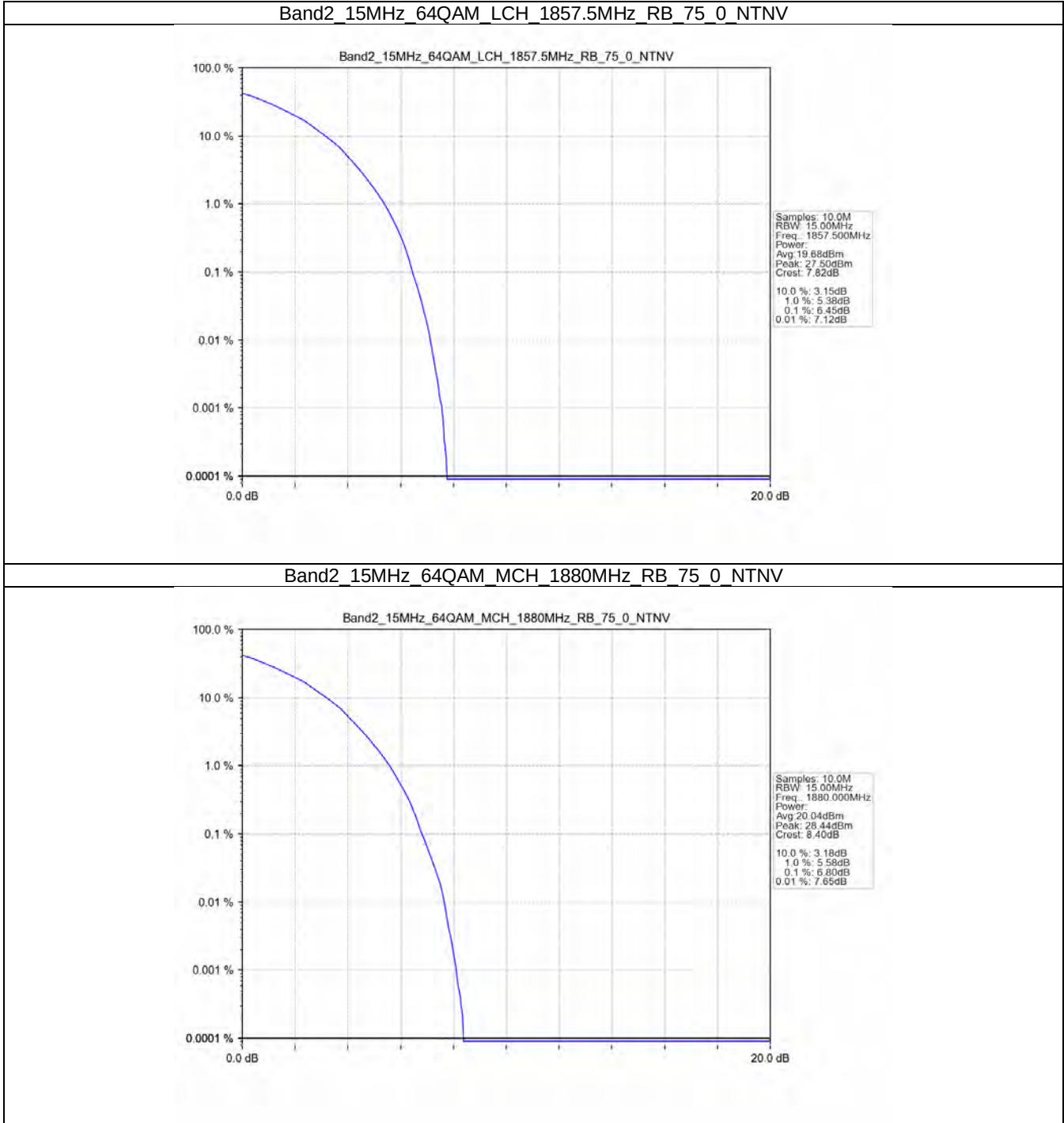
4.2.4 B2_10MHz



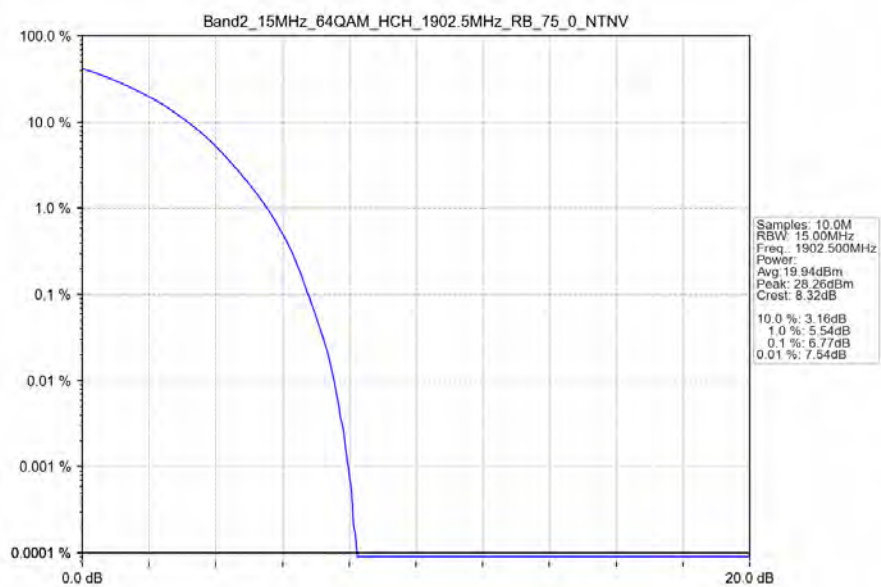
Band2_10MHz_64QAM_HCH_1905MHz_RB_50_0_NTNV



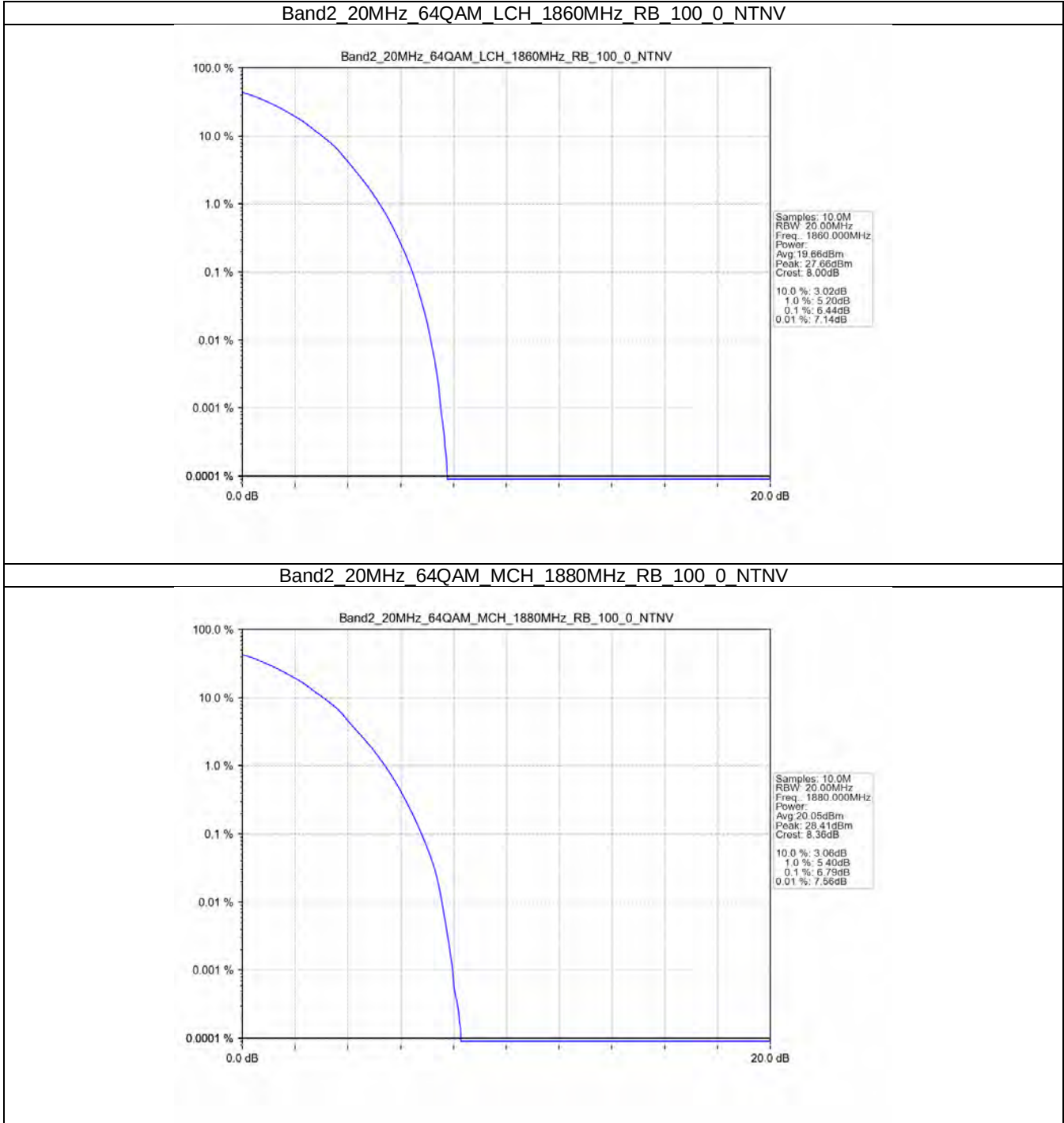
4.2.5 B2_15MHz



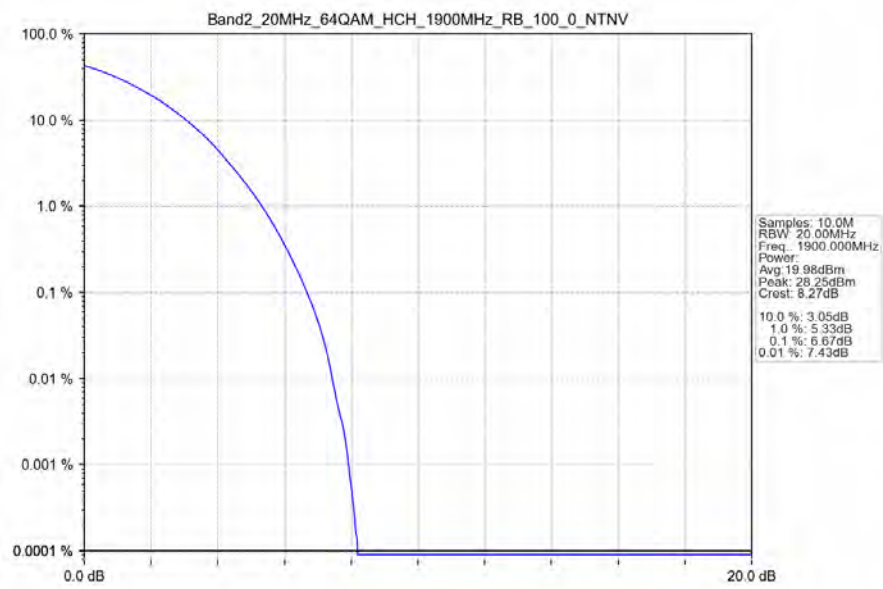
Band2_15MHz_64QAM_HCH_1902.5MHz_RB_75_0_NTNV



4.2.6 B2_20MHz



Band2_20MHz_64QAM_HCH_1900MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
64QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1909.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
64QAM	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1908.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
64QAM	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
64QAM	1855	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass

	1905	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass

5.1.5 B2_15MHz

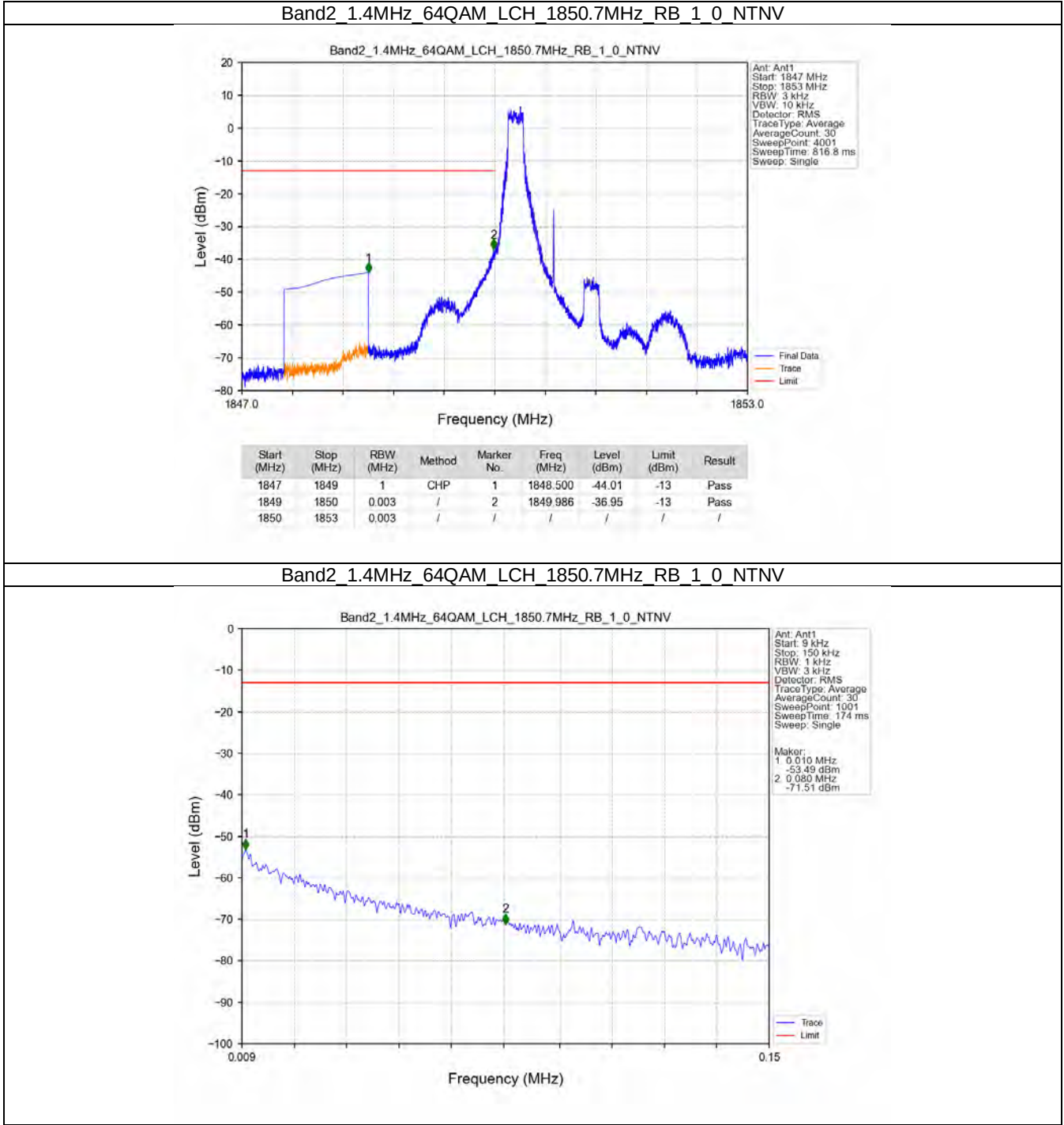
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
64QAM	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1902.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.6 B2_20MHz

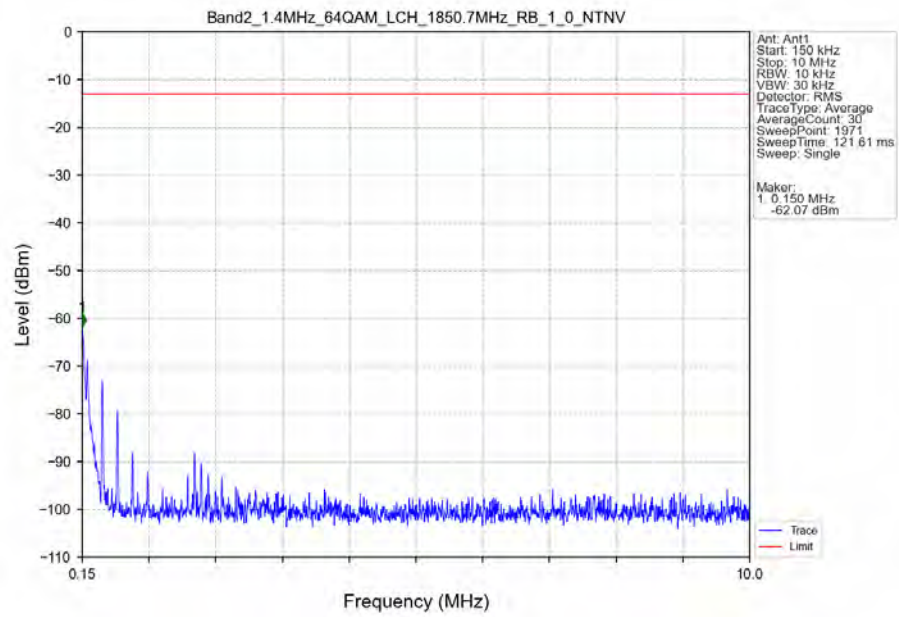
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
64QAM	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1900	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

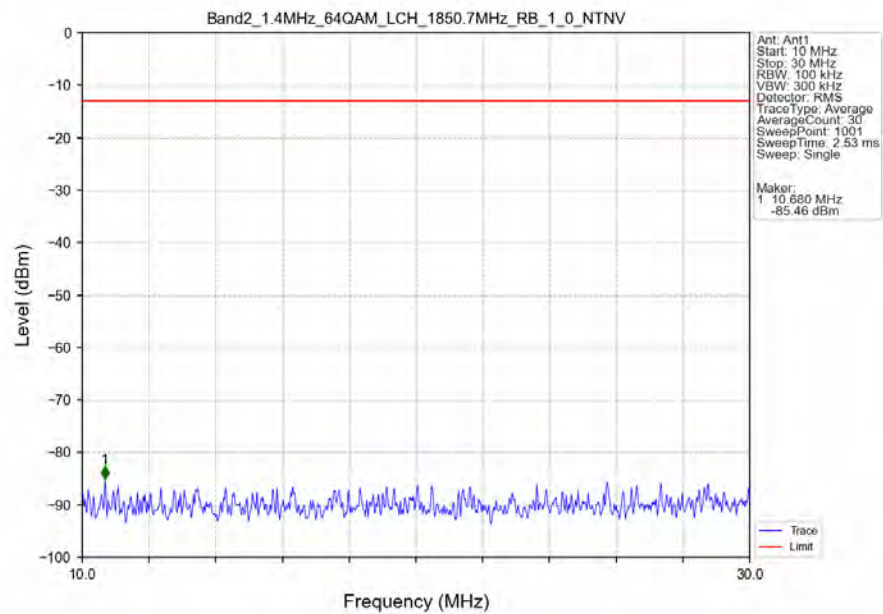
5.2.1 B2_1.4MHz



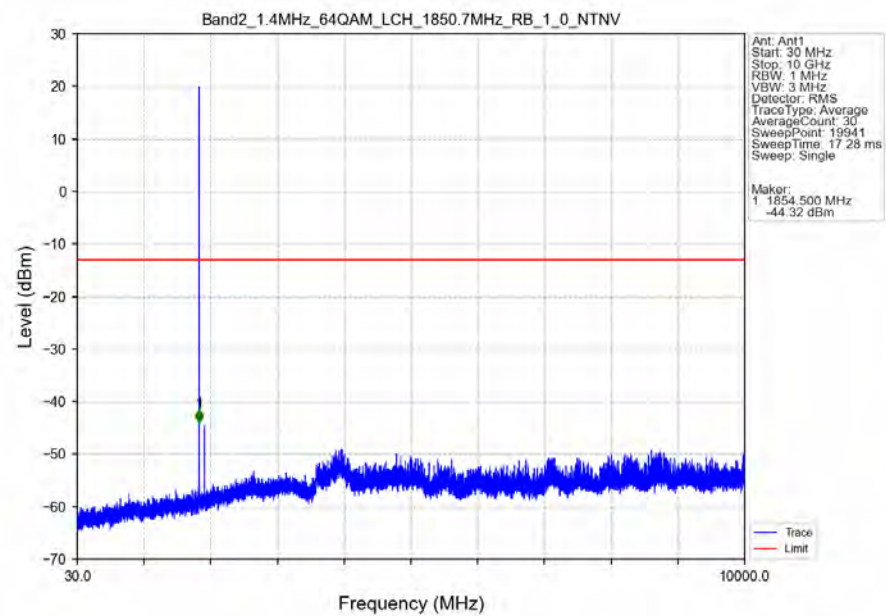
Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_1_0_NTNV



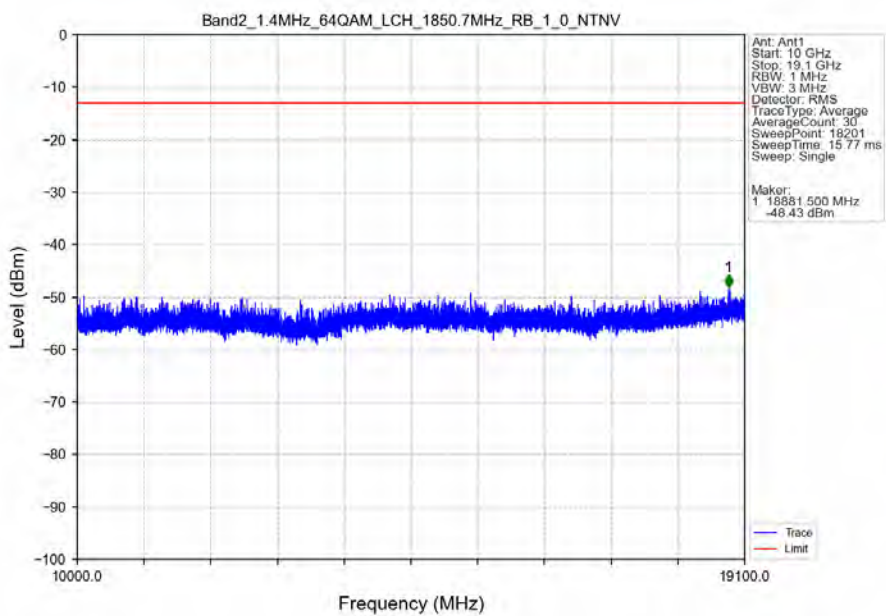
Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_1_0_NTNV



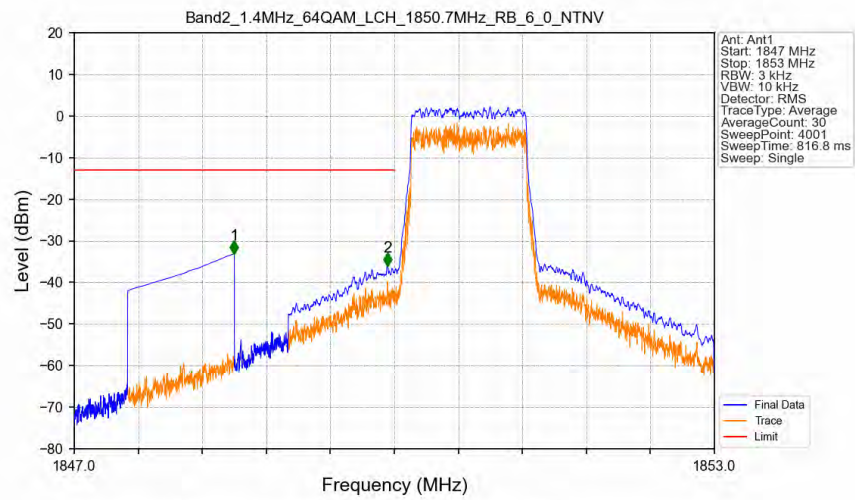
Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_1_0_NTNV



Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_1_0_NTNV

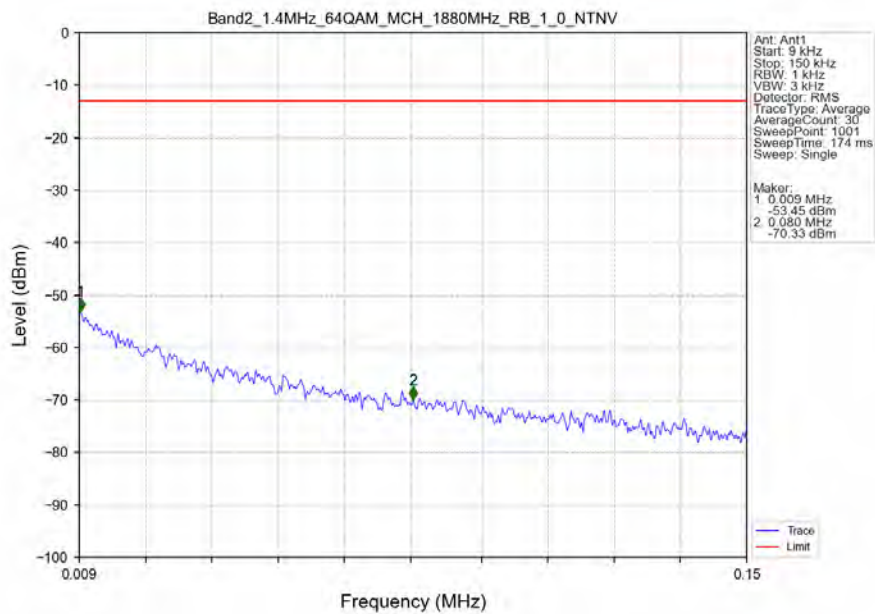


Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV

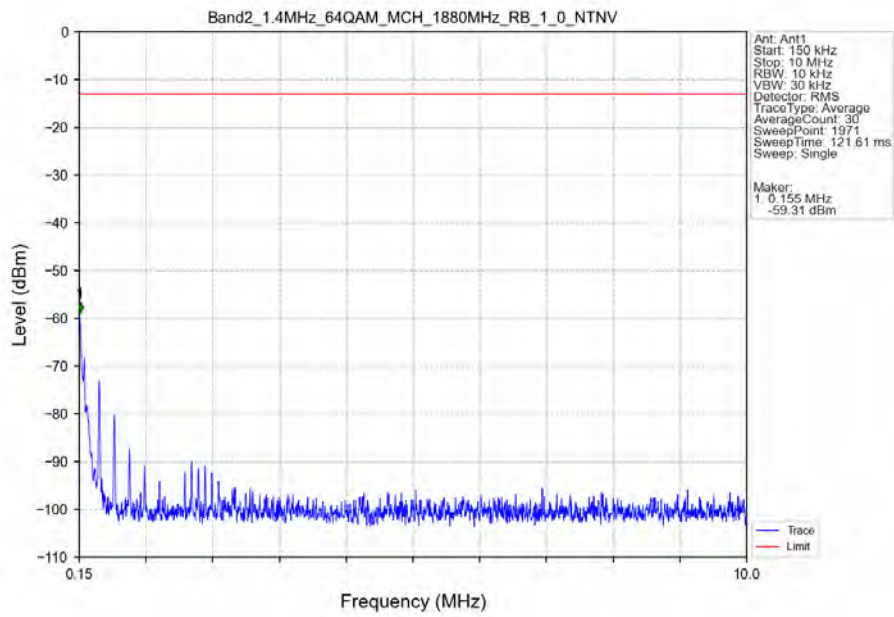


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.498	-33.09	-13	Pass
1849	1850	0.013	CHP	2	1849.936	-36.00	-13	Pass
1850	1853	0.013	CHP	/	/	/	/	/

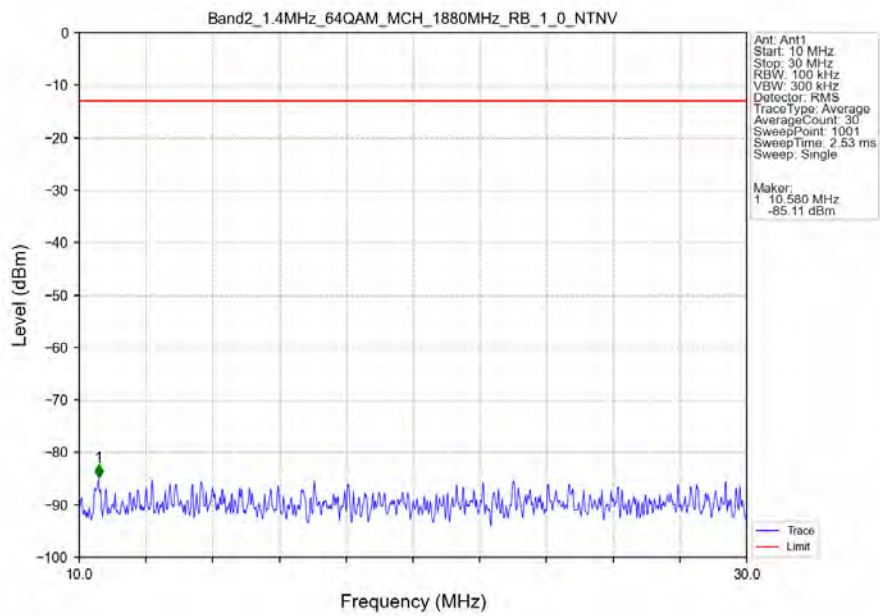
Band2_1.4MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



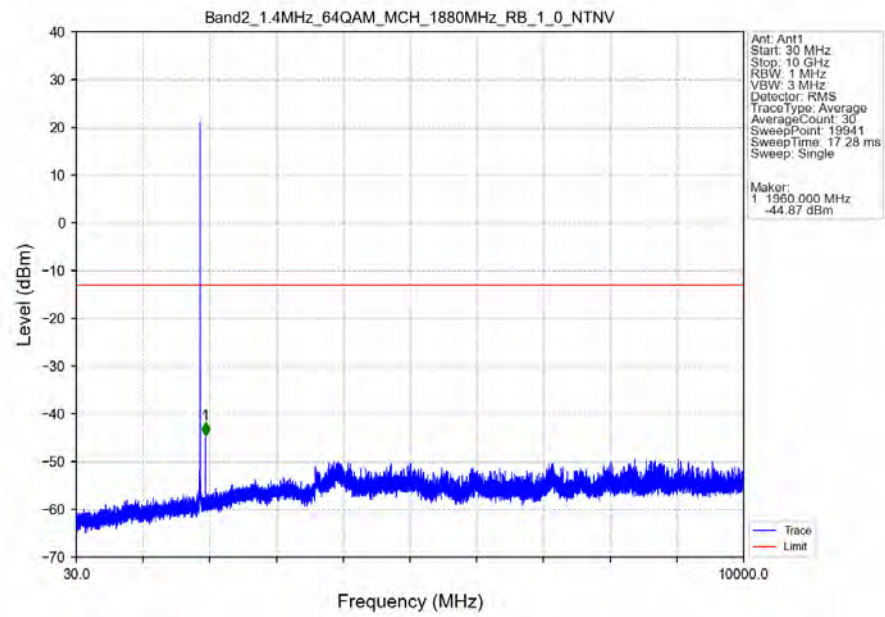
Band2_1.4MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



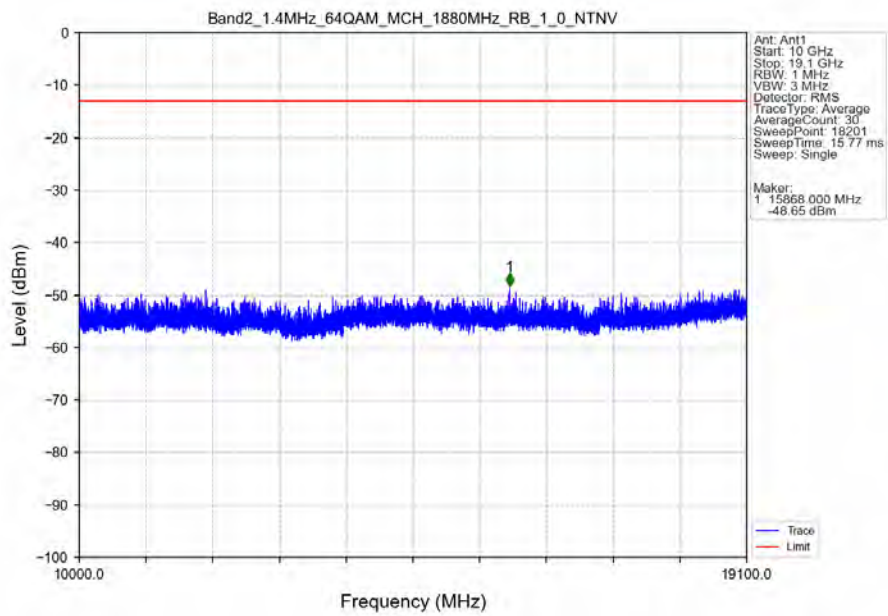
Band2_1.4MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



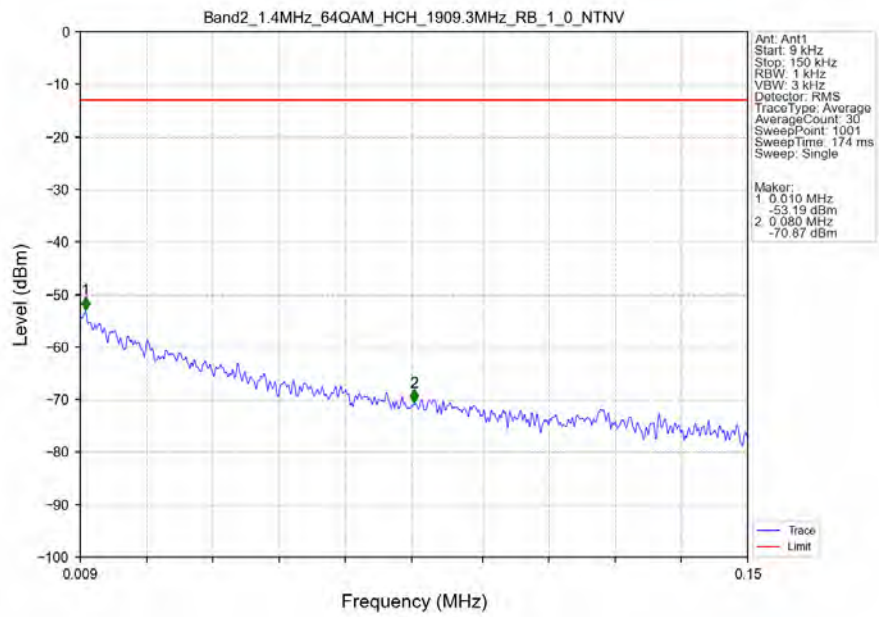
Band2_1.4MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



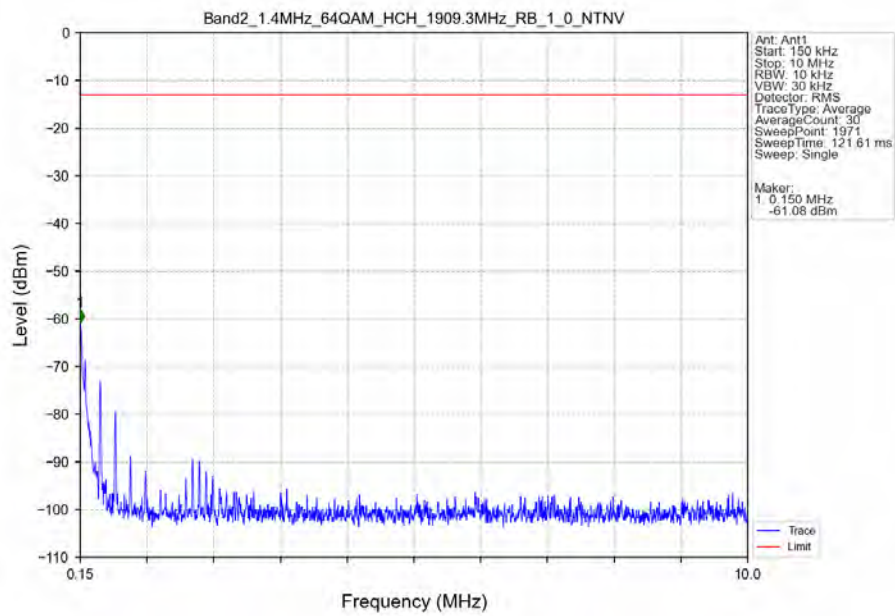
Band2_1.4MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



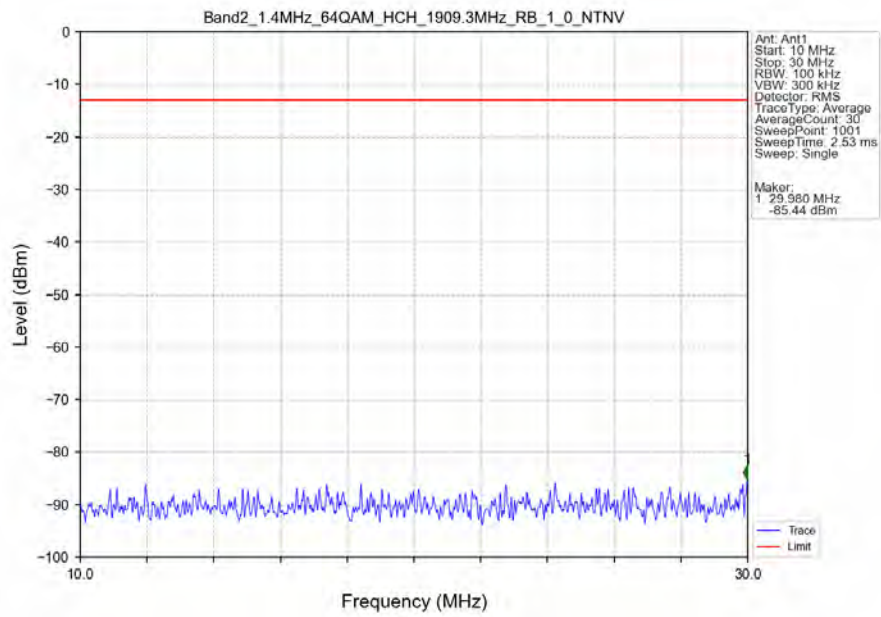
Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_1_0_NTNV



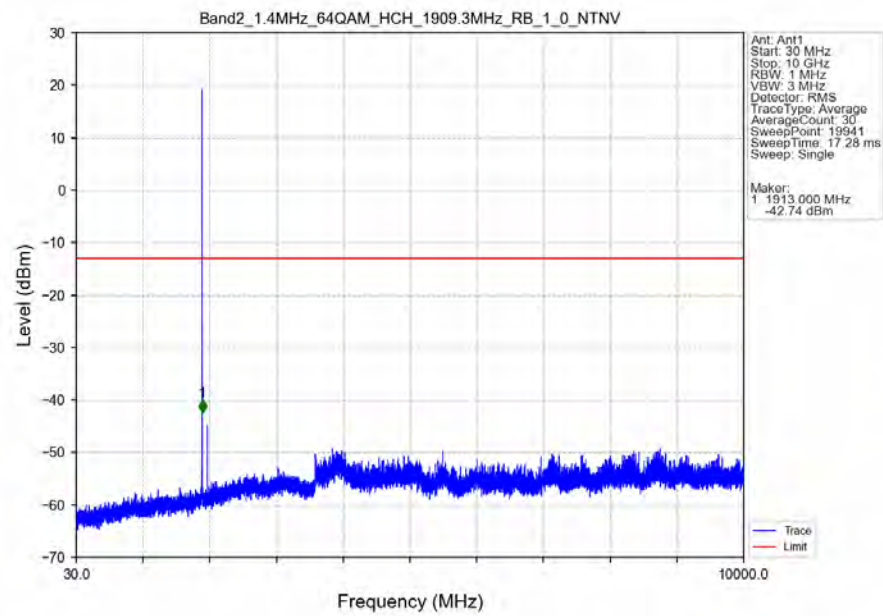
Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_1_0_NTNV



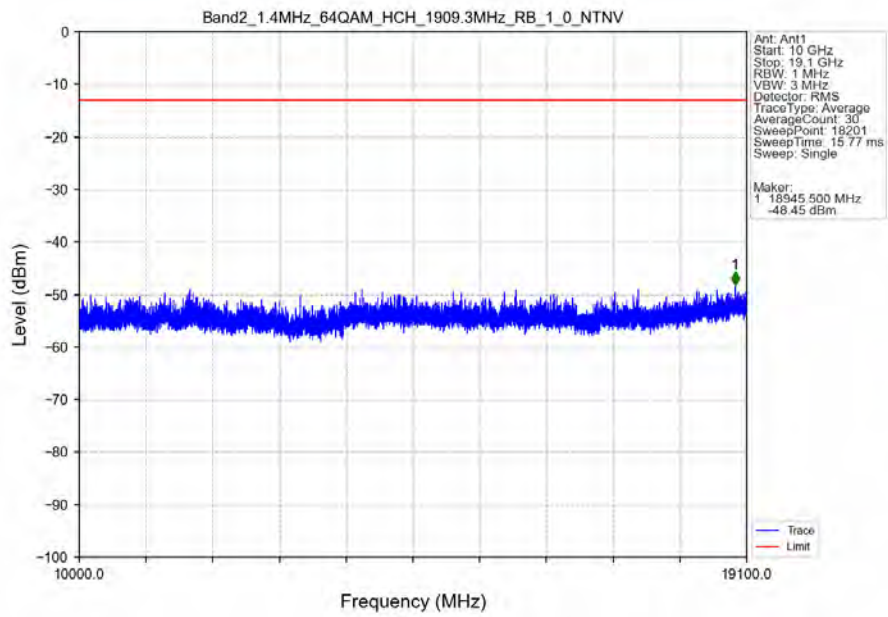
Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_1_0_NTNV



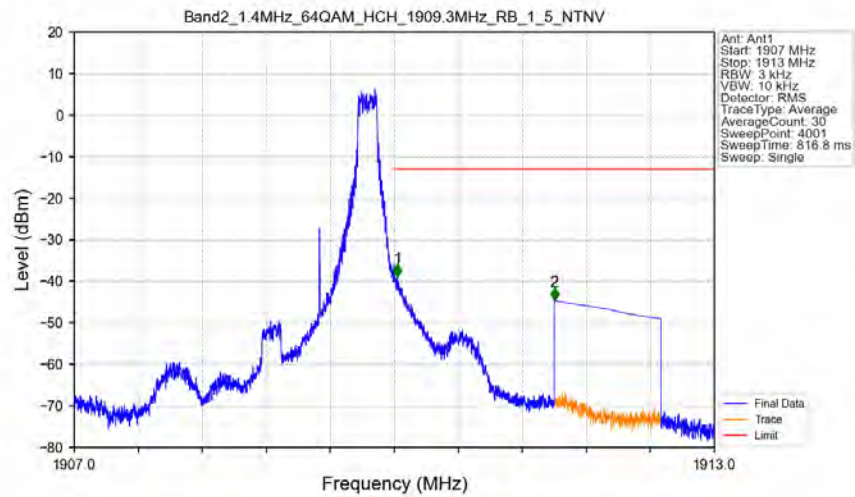
Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_1_0_NTNV



Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_1_0_NTNV

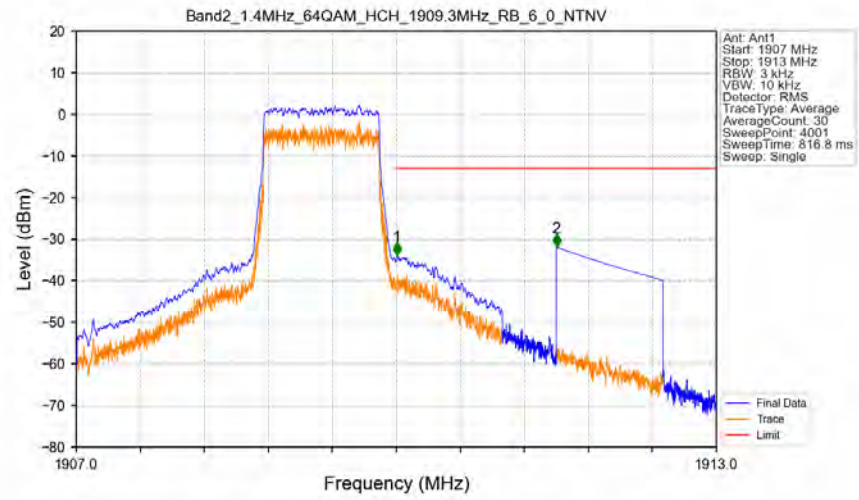


Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_1_5_NTNV



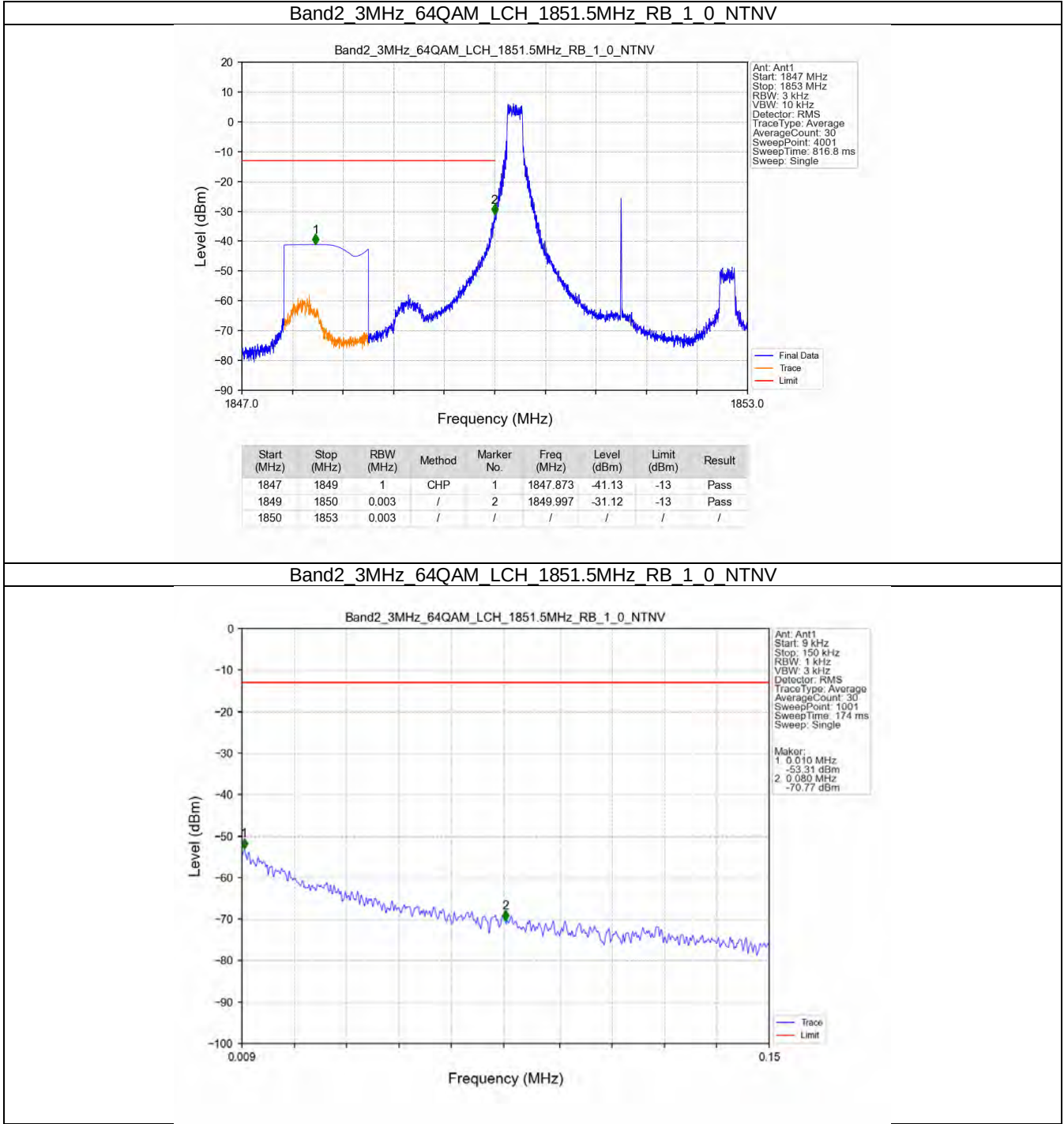
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.030	-38.90	-13	Pass
1911	1913	1	CHP	2	1911.500	-44.62	-13	Pass

Band2 1.4MHz 64QAM HCH 1909.3MHz RB 6_0 NTN

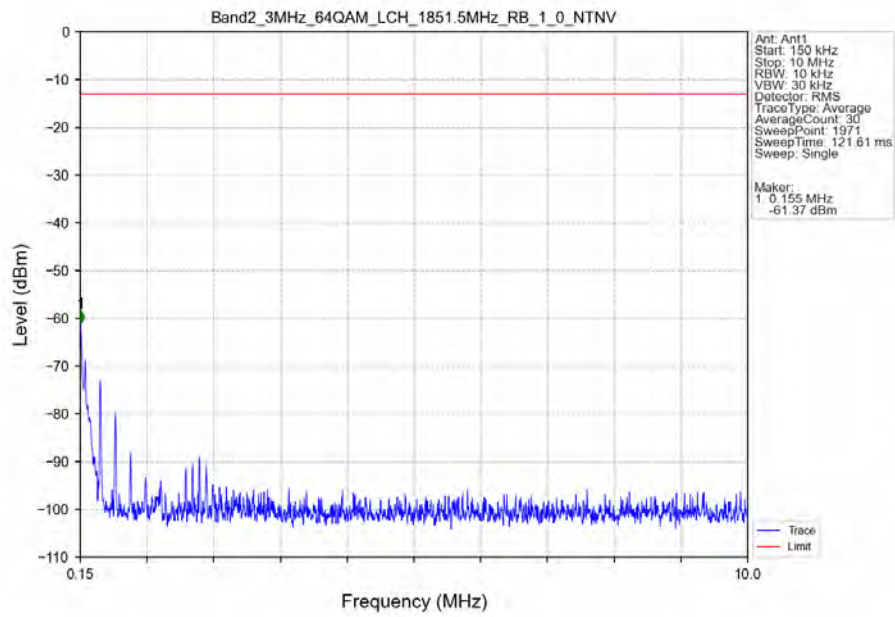


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.013	CHP	/	/	/	/	/
1910	1911	0.013	CHP	1	1910.006	-33.93	-13	Pass
1911	1913	1	CHP	2	1911.500	-31.88	-13	Pass

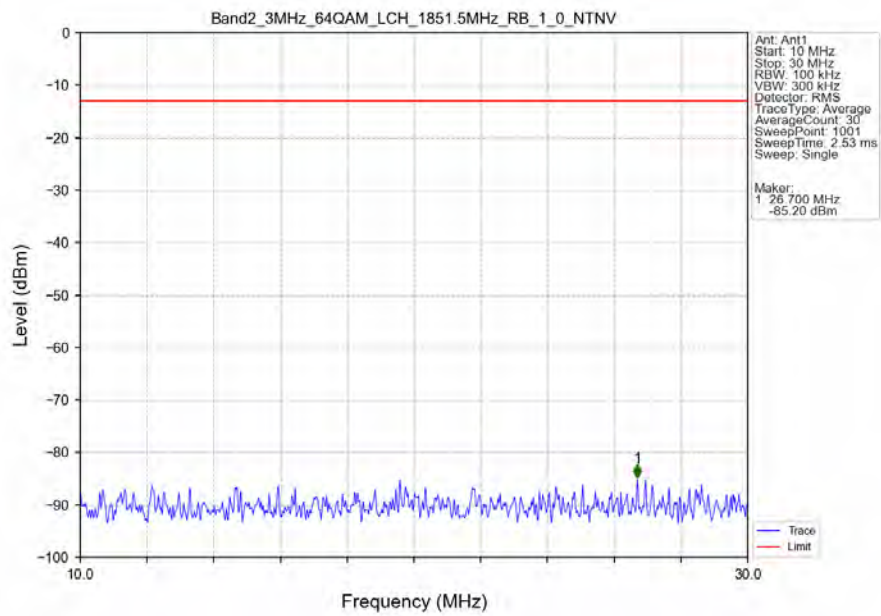
5.2.2 B2_3MHz



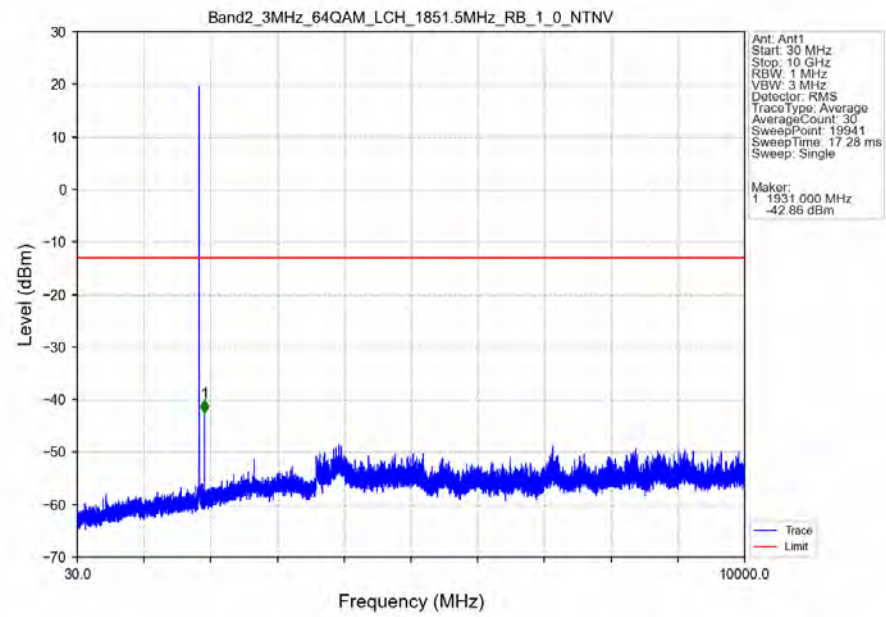
Band2_3MHz_64QAM_LCH_1851.5MHz_RB_1_0_NTNV



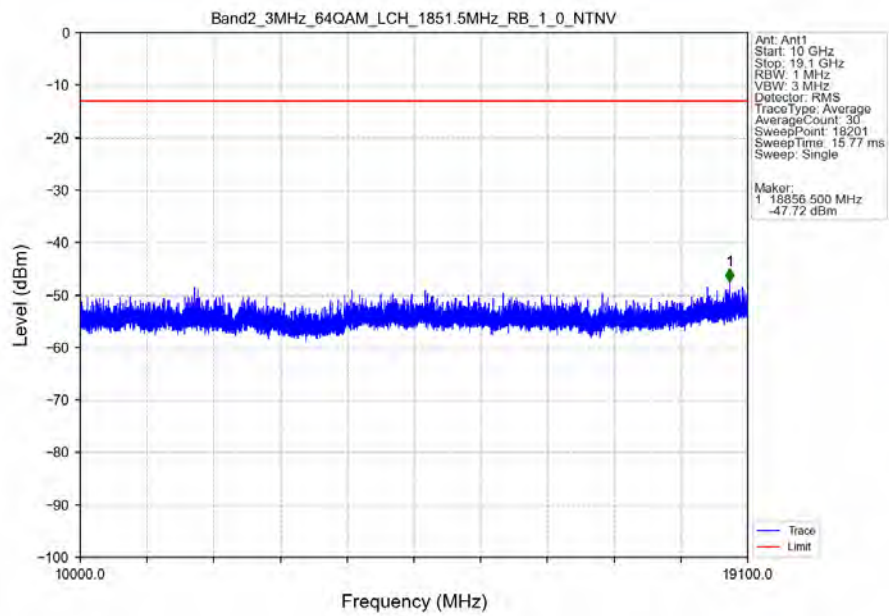
Band2_3MHz_64QAM_LCH_1851.5MHz_RB_1_0_NTNV



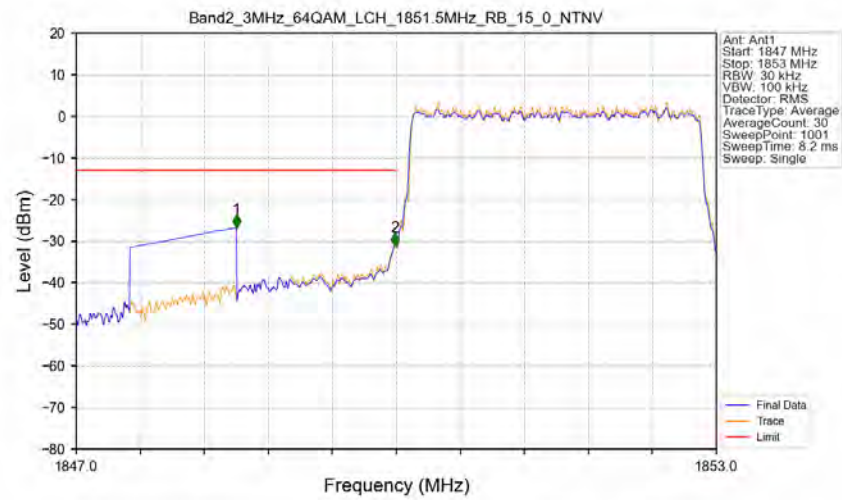
Band2_3MHz_64QAM_LCH_1851.5MHz_RB_1_0_NTNV



Band2_3MHz_64QAM_LCH_1851.5MHz_RB_1_0_NTNV

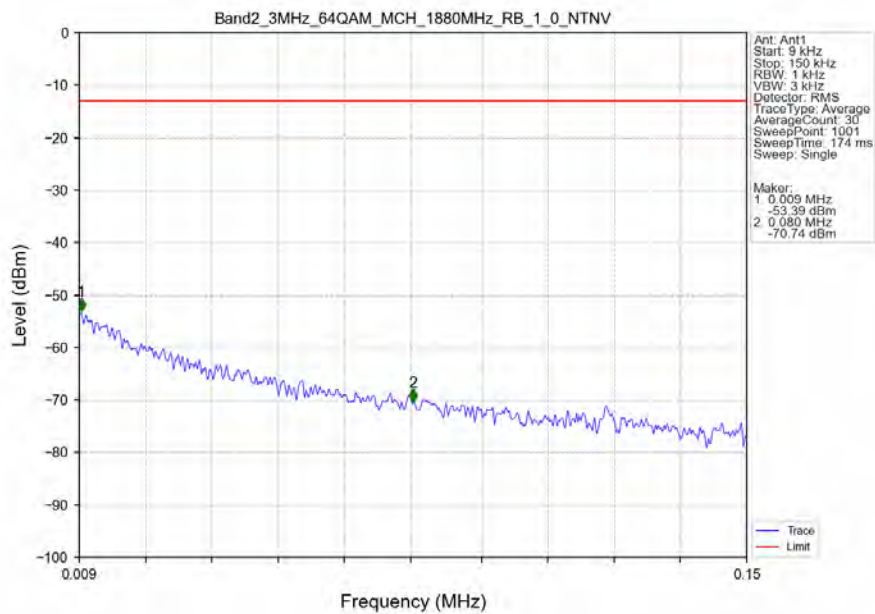


Band2_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV

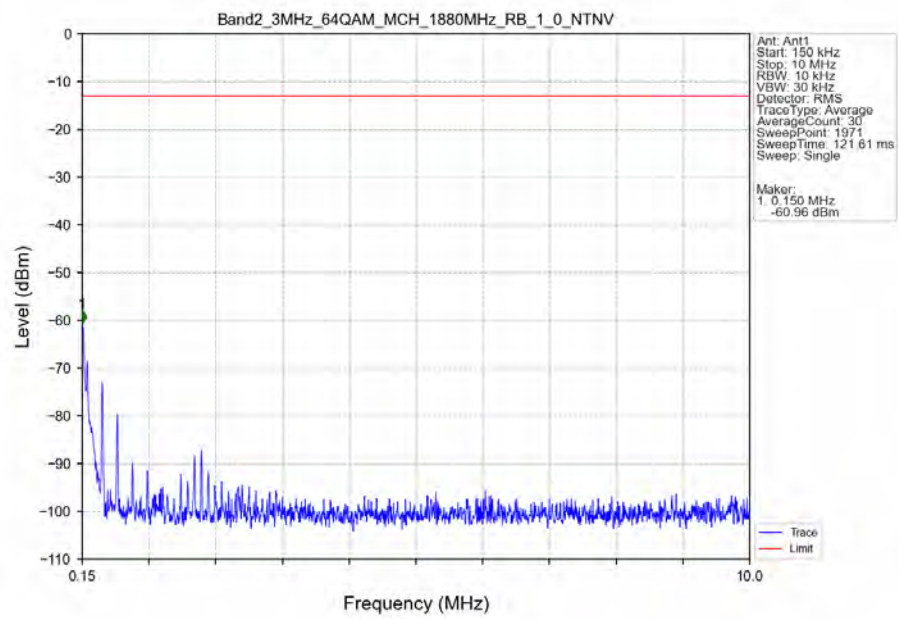


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-26.83	-13	Pass
1849	1850	0.031	CHP	2	1849.988	-31.08	-13	Pass
1850	1853	0.031	CHP	/	/	/	/	/

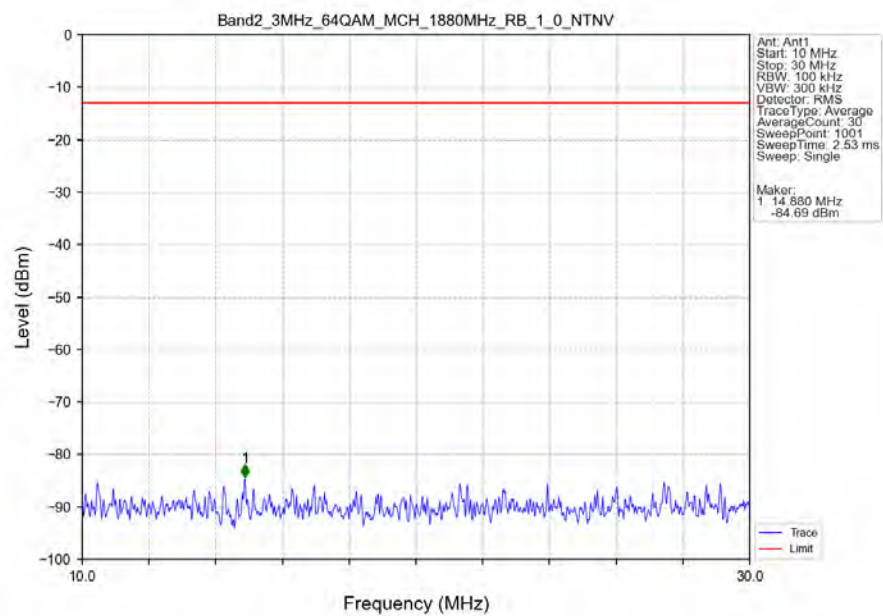
Band2_3MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



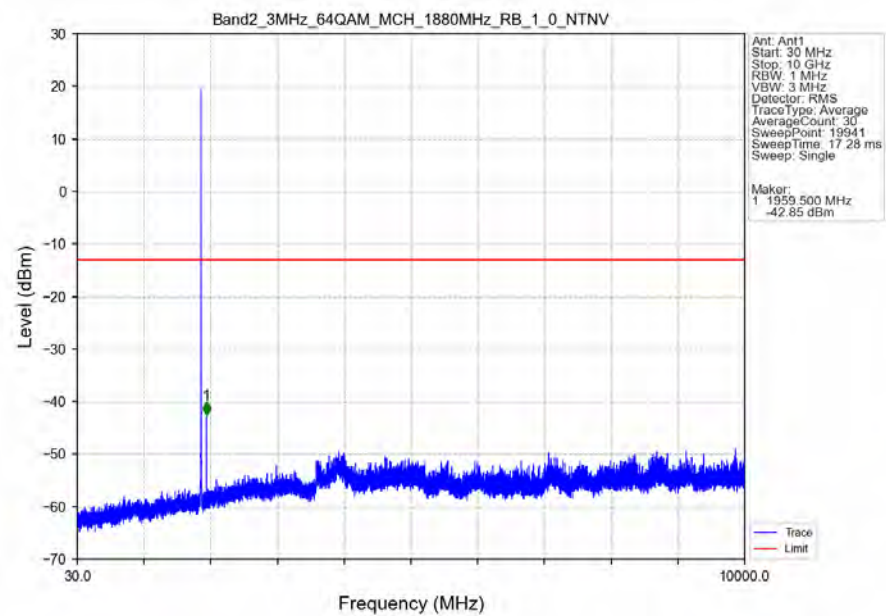
Band2_3MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



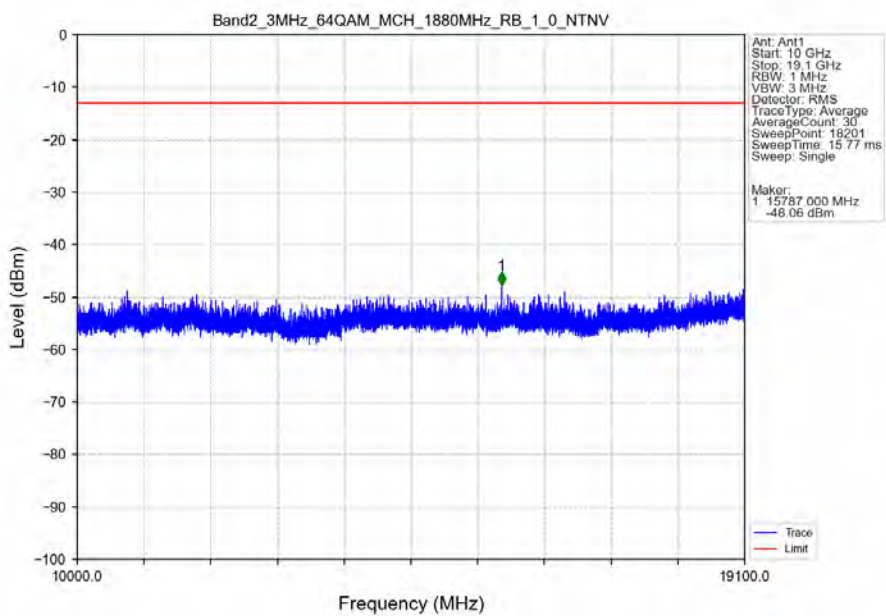
Band2_3MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



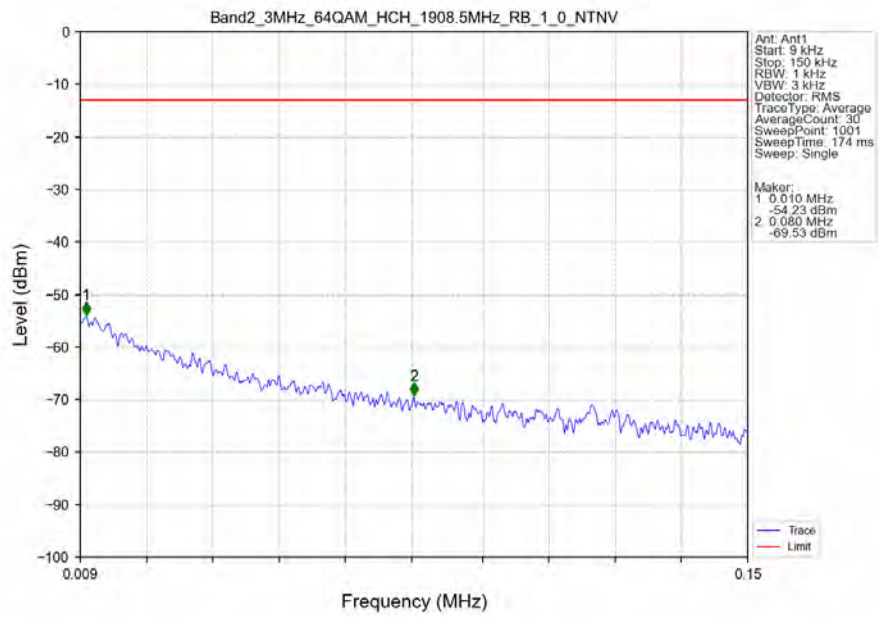
Band2_3MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



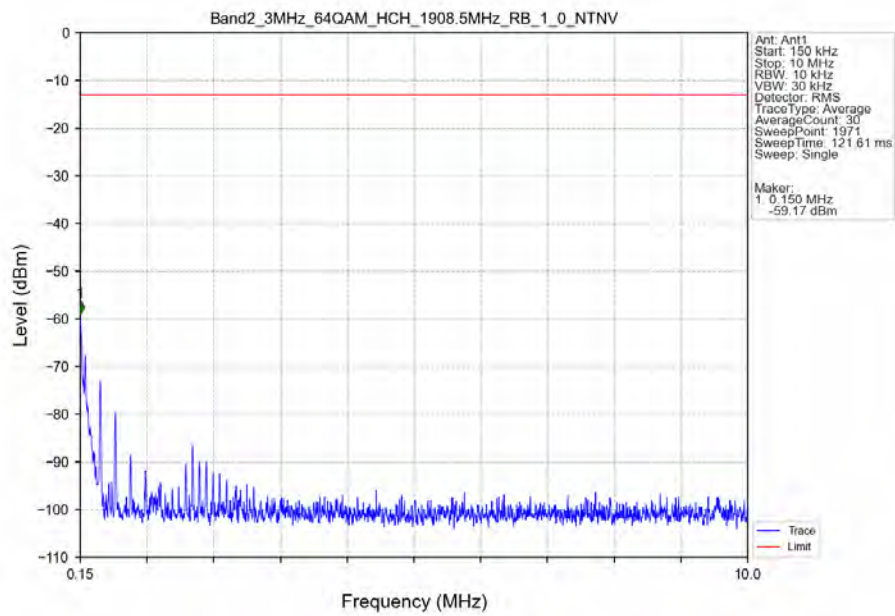
Band2_3MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



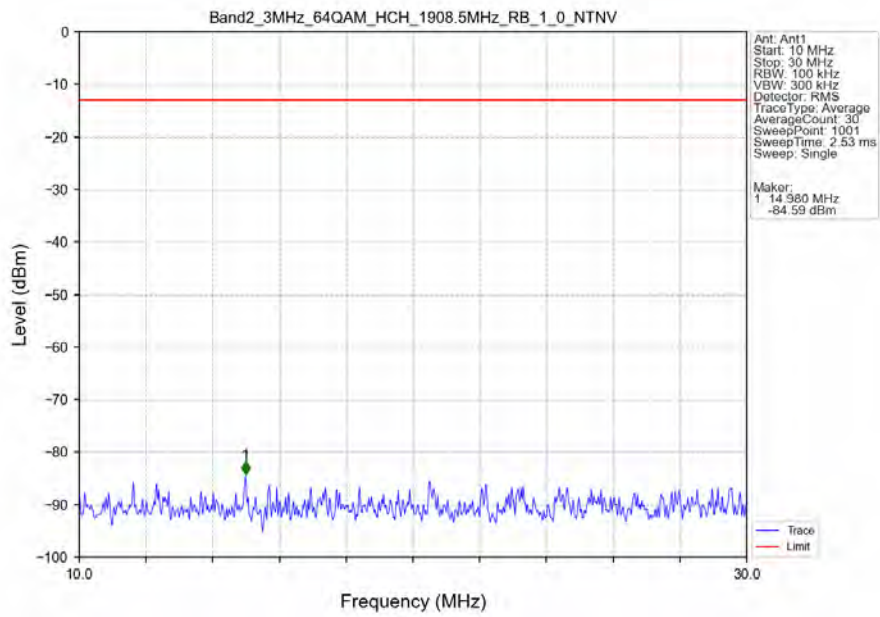
Band2_3MHz_64QAM_HCH_1908.5MHz_RB_1_0_NTNV



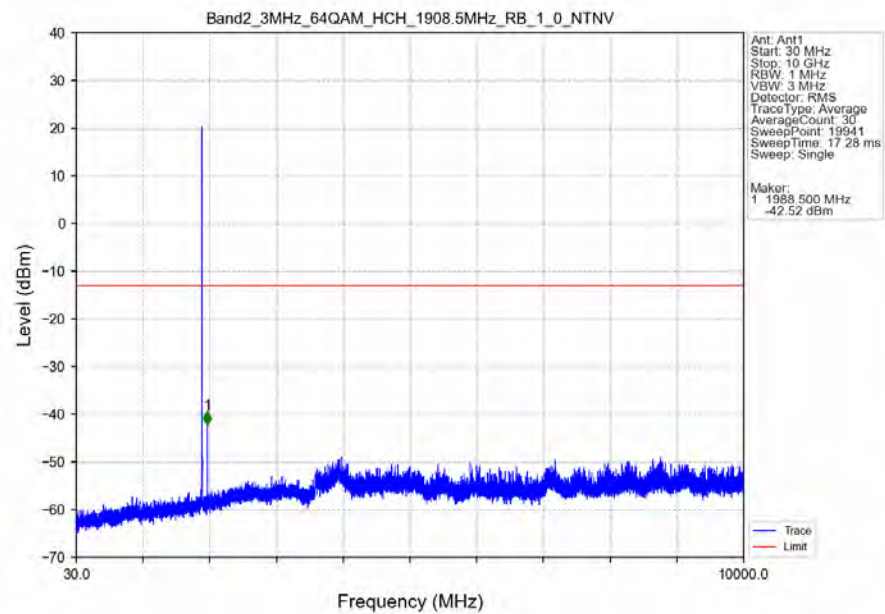
Band2_3MHz_64QAM_HCH_1908.5MHz_RB_1_0_NTNV



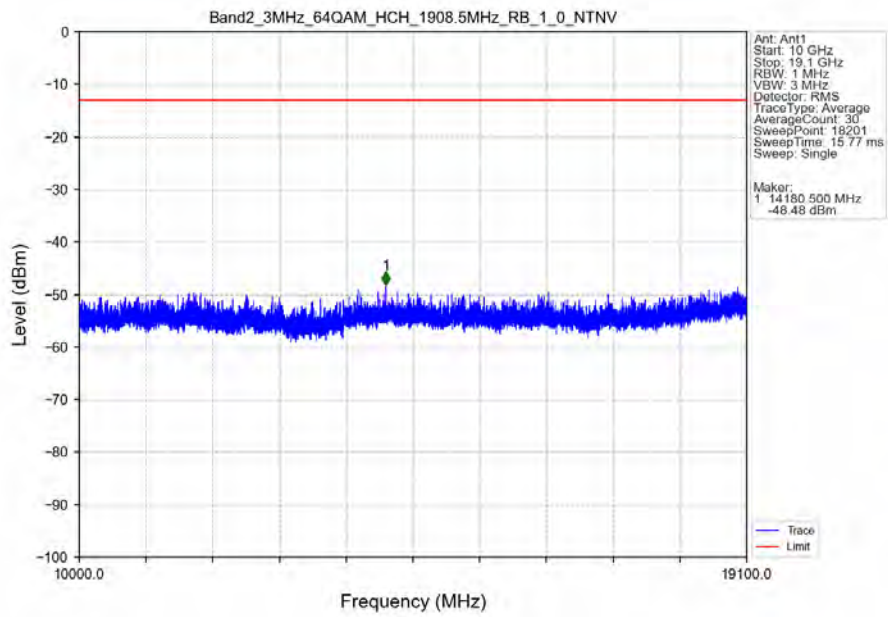
Band2_3MHz_64QAM_HCH_1908.5MHz_RB_1_0_NTNV



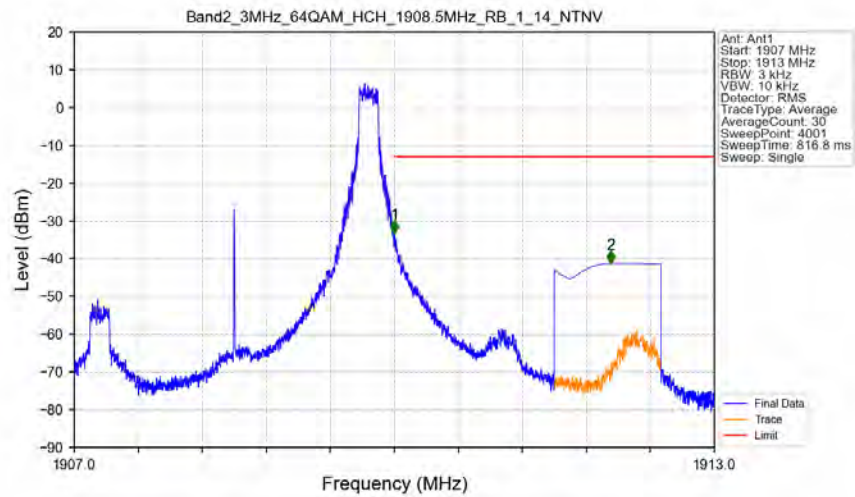
Band2_3MHz_64QAM_HCH_1908.5MHz_RB_1_0_NTNV



Band2_3MHz_64QAM_HCH_1908.5MHz_RB_1_0_NTNV

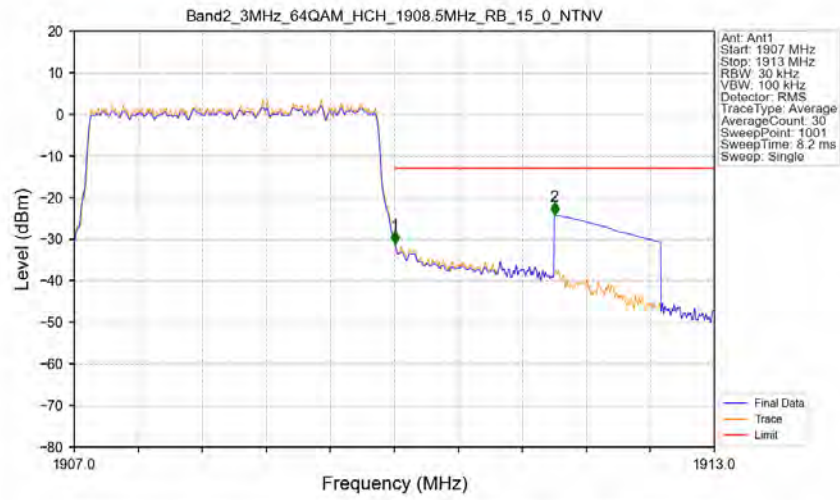


Band2_3MHz_64QAM_HCH_1908.5MHz_RB_1_14_NTNV



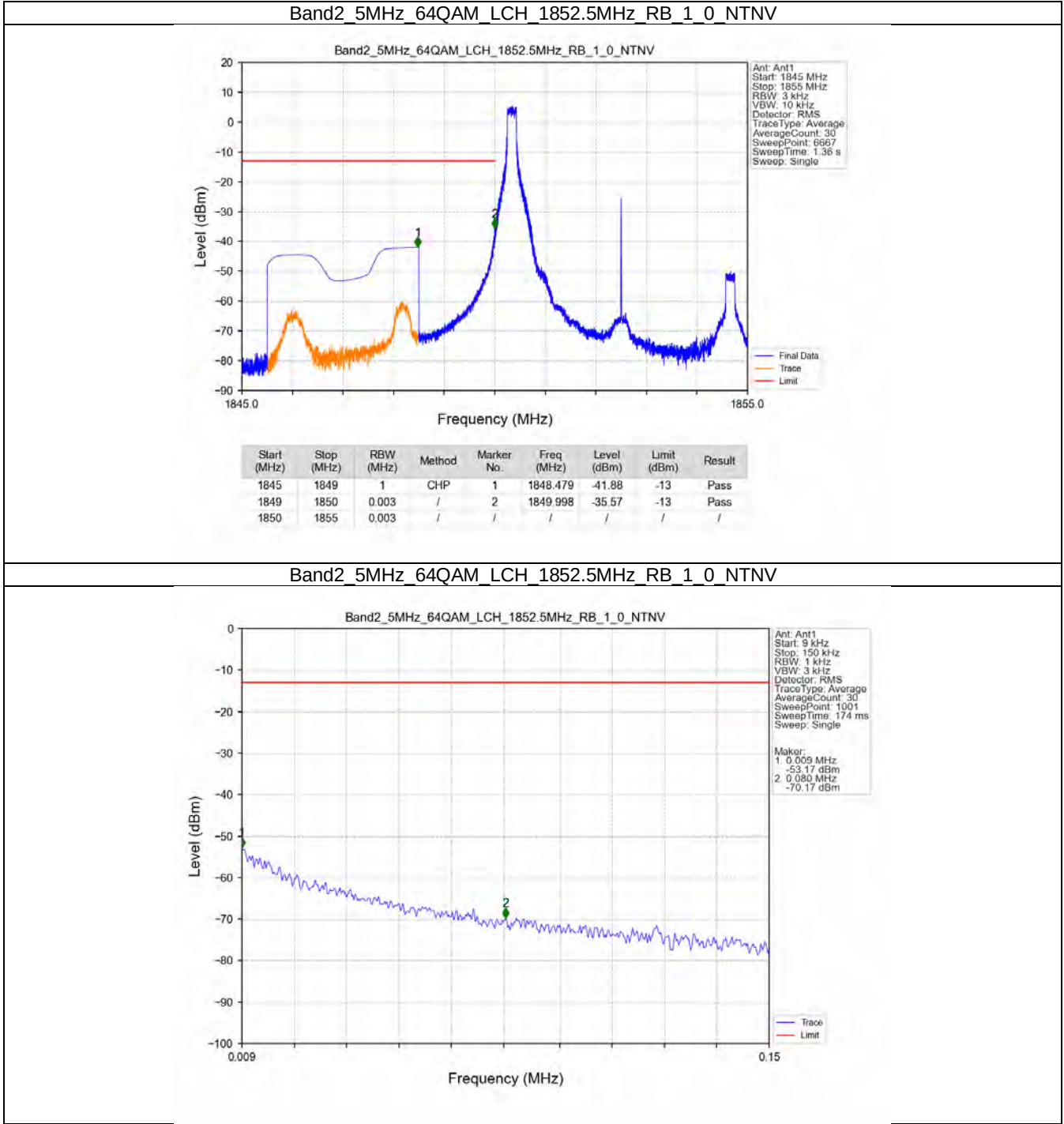
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-33.29	-13	Pass
1911	1913	1	CHP	2	1912.028	-41.29	-13	Pass

Band2 3MHz 64QAM HCH 1908.5MHz RB 15 0 NTV

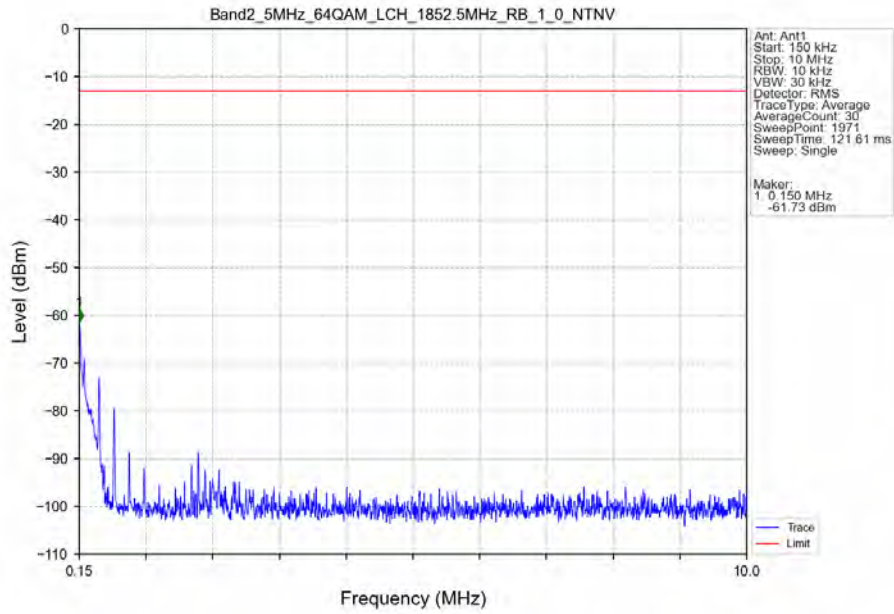


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.031	CHP	/	/	/	/	/
1910	1911	0.031	CHP	1	1910.006	-31.06	-13	Pass
1911	1913	1	CHP	2	1911.500	-24.25	-13	Pass

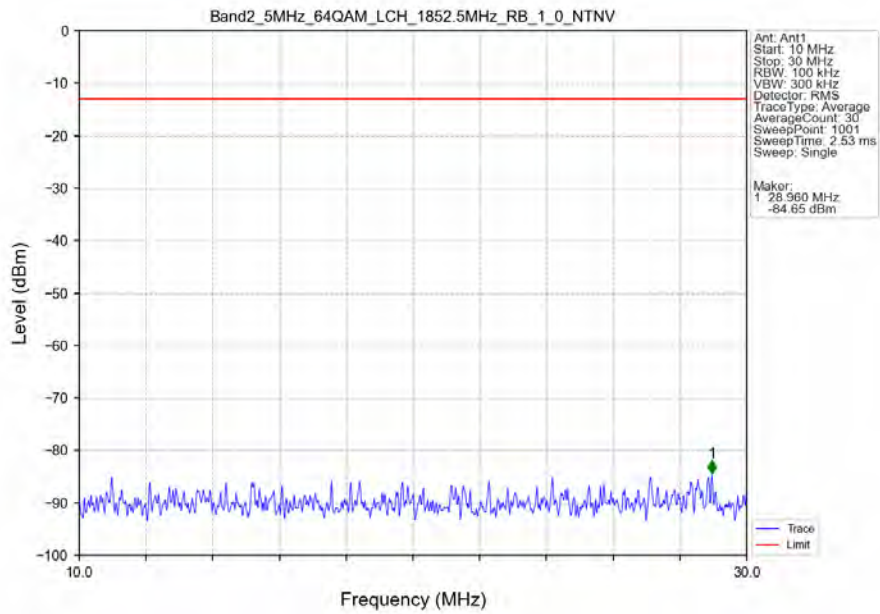
5.2.3 B2_5MHz



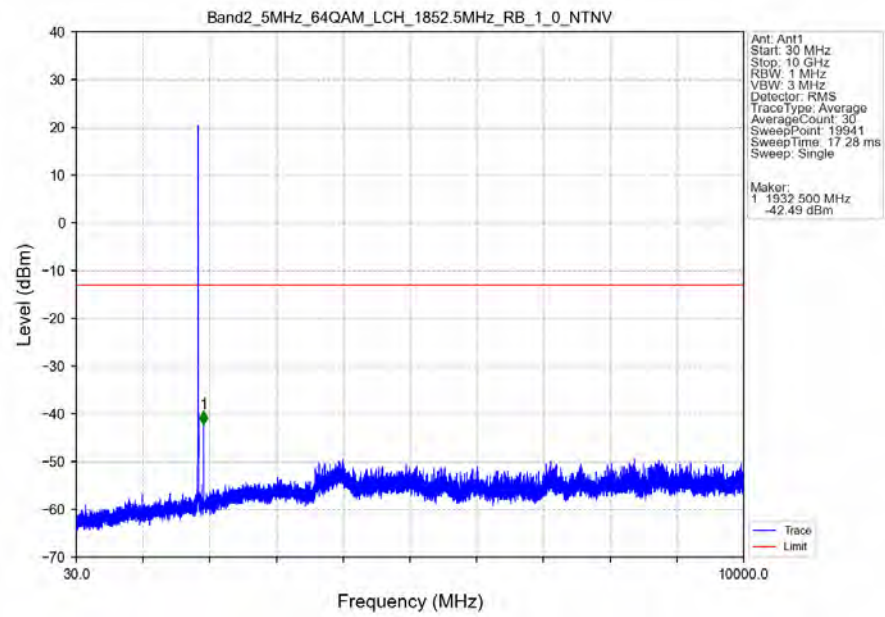
Band2_5MHz_64QAM_LCH_1852.5MHz_RB_1_0_NTNV



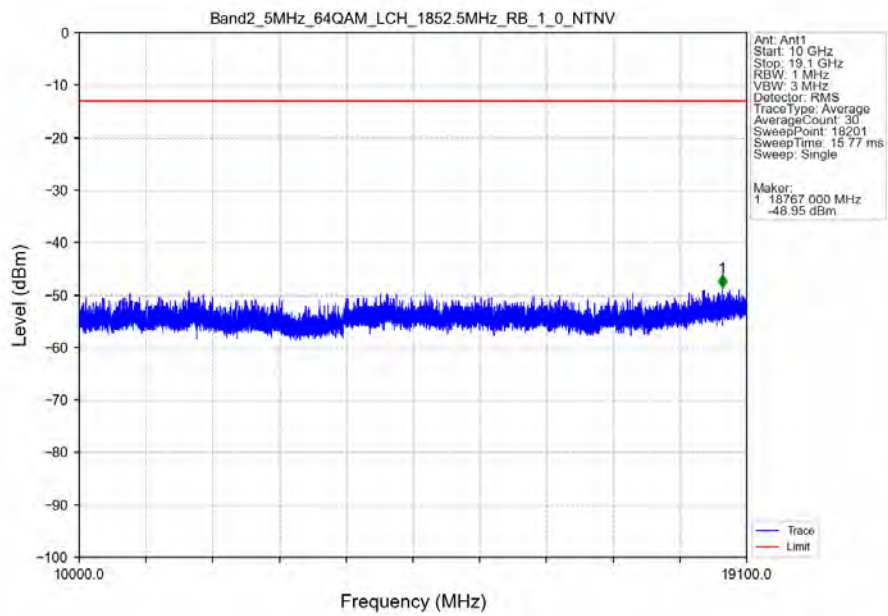
Band2_5MHz_64QAM_LCH_1852.5MHz_RB_1_0_NTNV



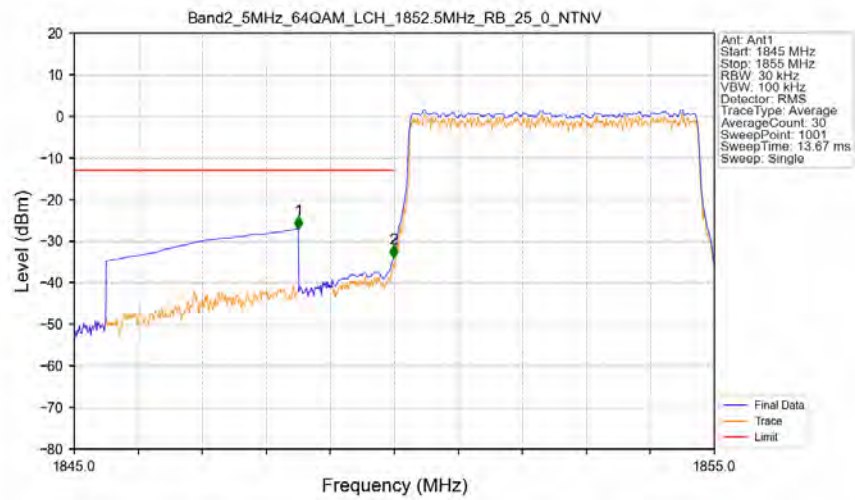
Band2_5MHz_64QAM_LCH_1852.5MHz_RB_1_0_NTNV



Band2_5MHz_64QAM_LCH_1852.5MHz_RB_1_0_NTNV

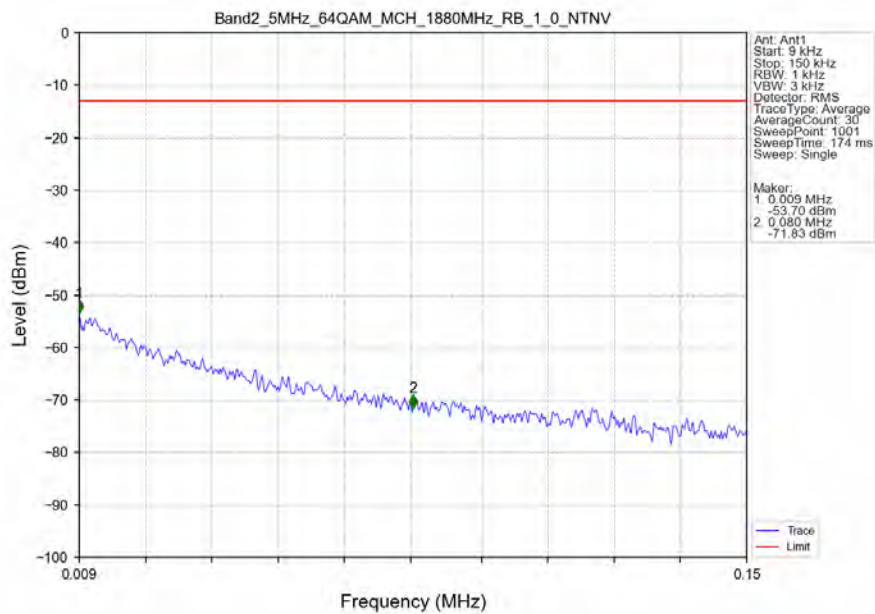


Band2_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV

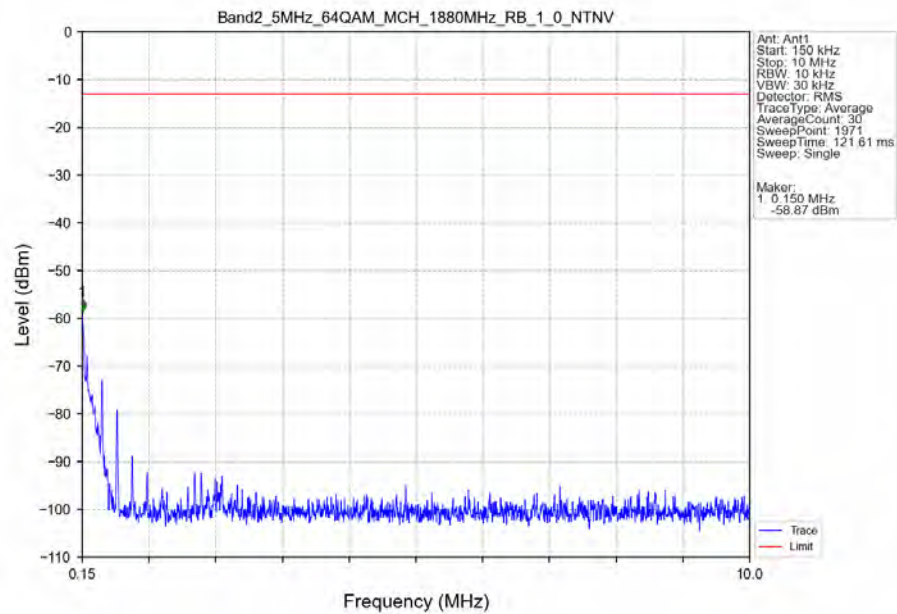


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-27.05	-13	Pass
1849	1850	0.051	CHP	2	1849.990	-34.09	-13	Pass
1850	1855	0.051	CHP	/	/	/	/	/

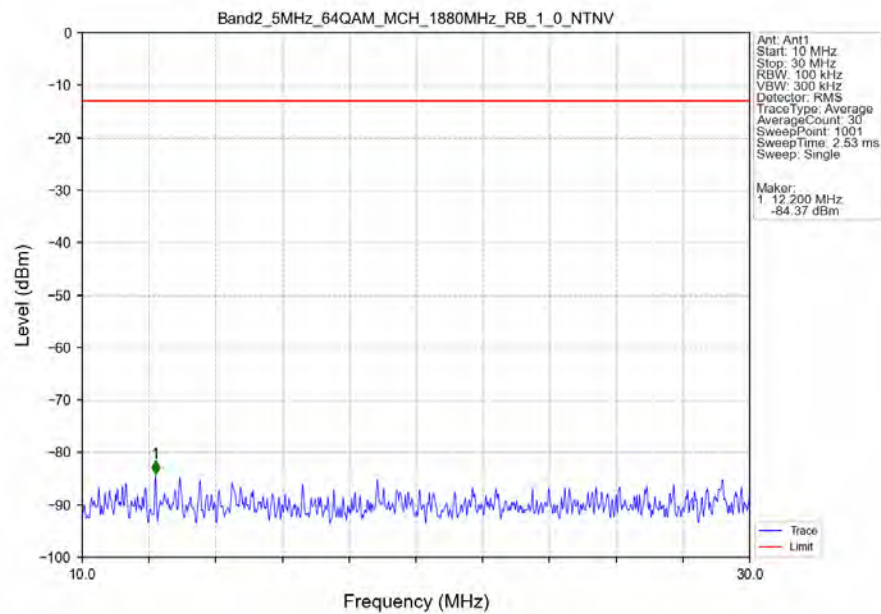
Band2_5MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



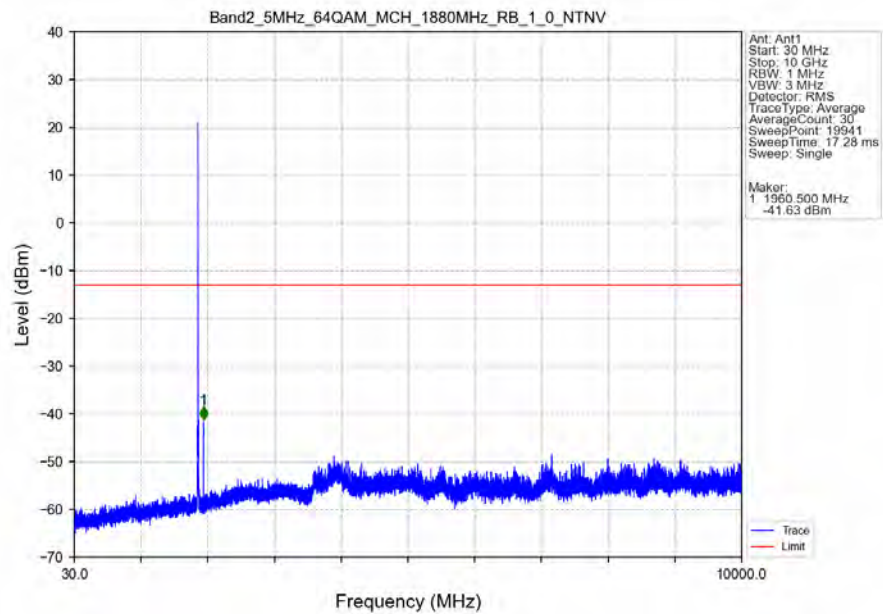
Band2_5MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



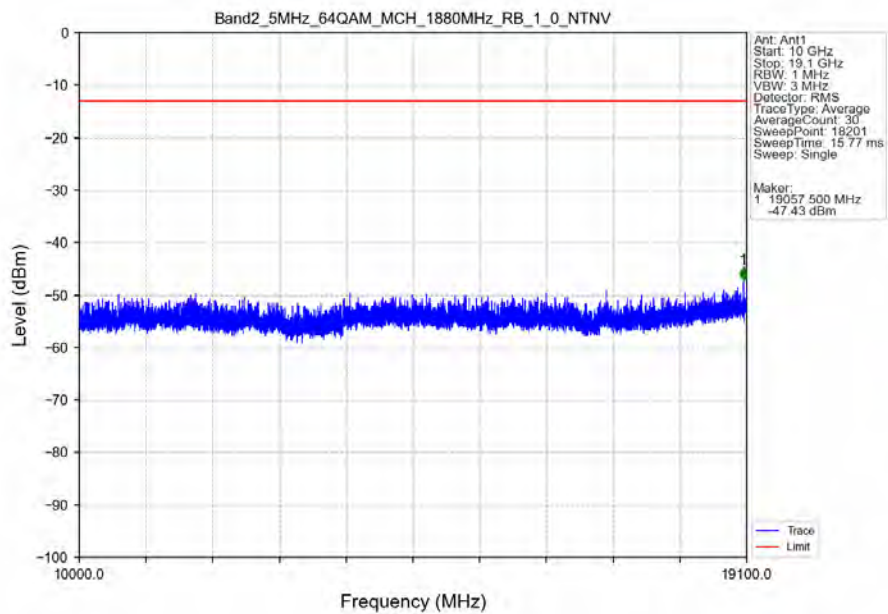
Band2_5MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



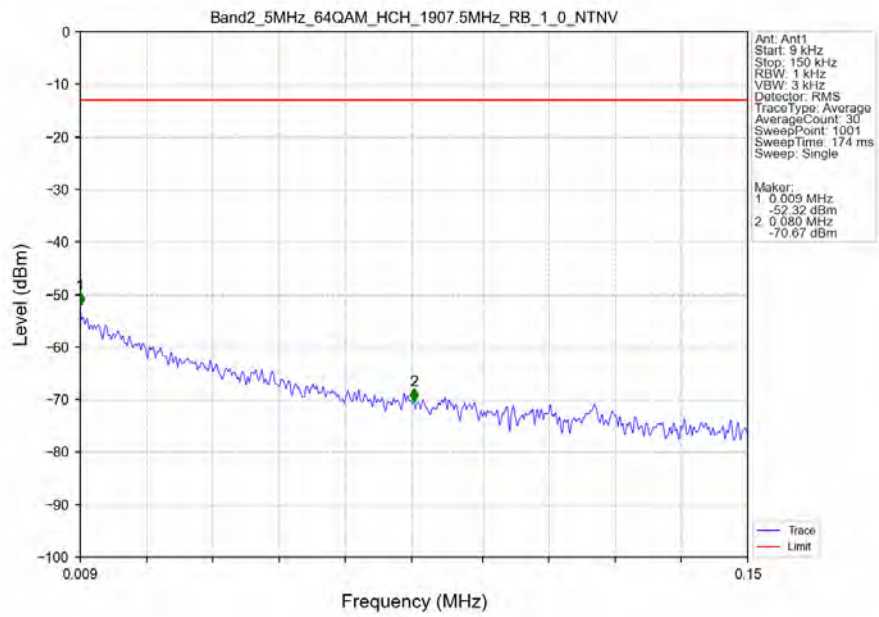
Band2_5MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



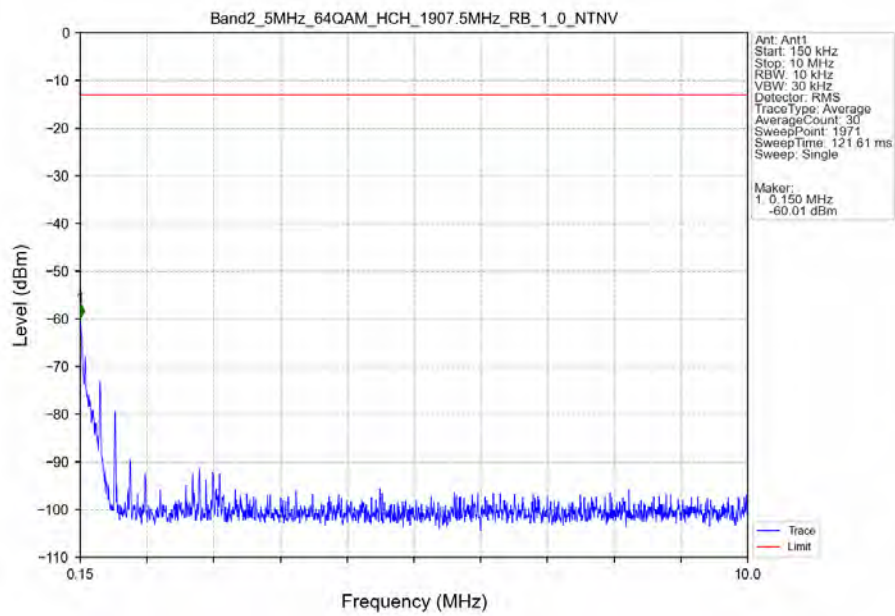
Band2_5MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



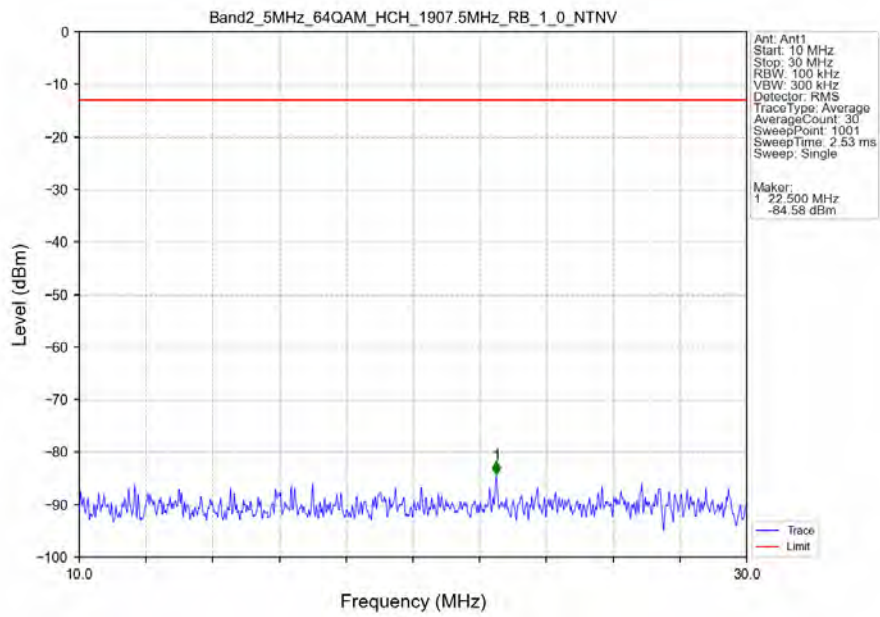
Band2_5MHz_64QAM_HCH_1907.5MHz_RB_1_0_NTNV



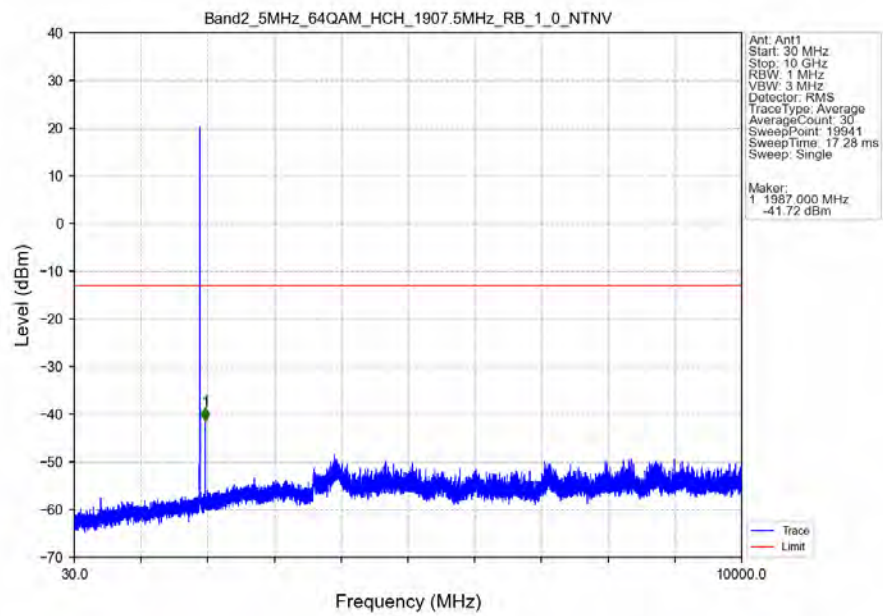
Band2_5MHz_64QAM_HCH_1907.5MHz_RB_1_0_NTNV



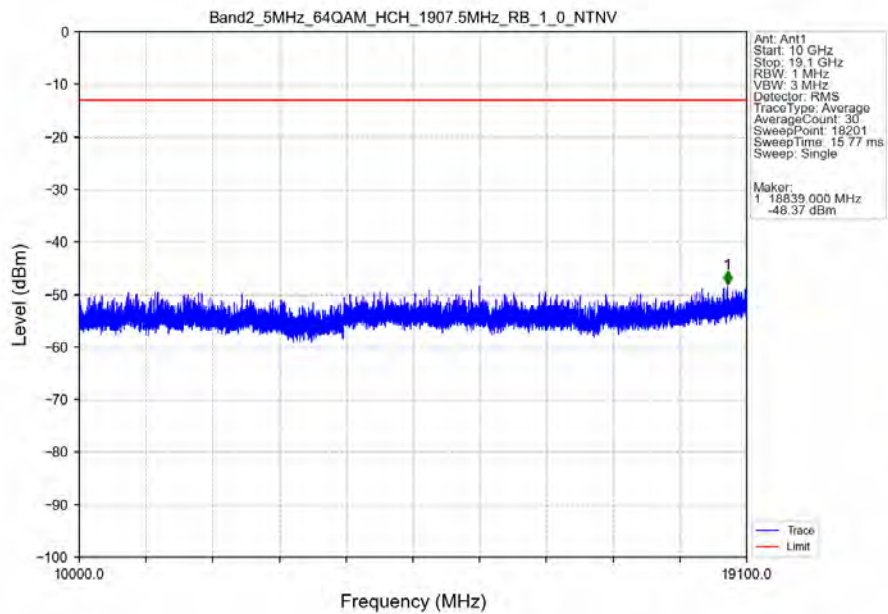
Band2_5MHz_64QAM_HCH_1907.5MHz_RB_1_0_NTNV



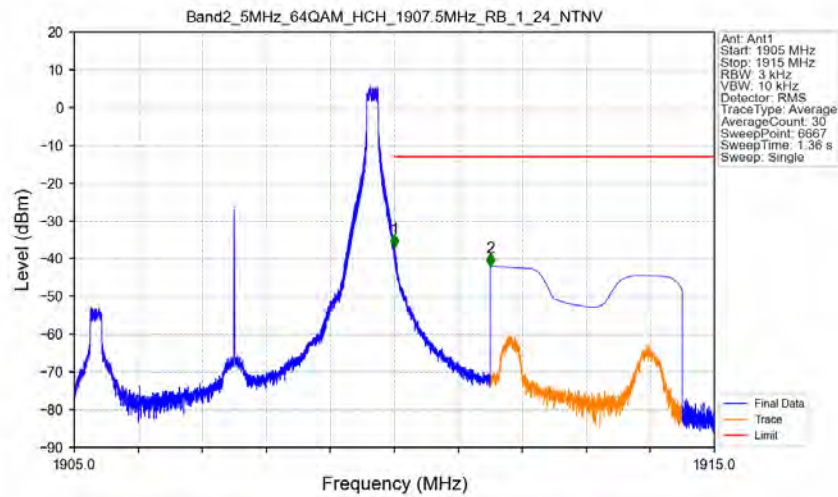
Band2_5MHz_64QAM_HCH_1907.5MHz_RB_1_0_NTNV



Band2_5MHz_64QAM_HCH_1907.5MHz_RB_1_0_NTNV

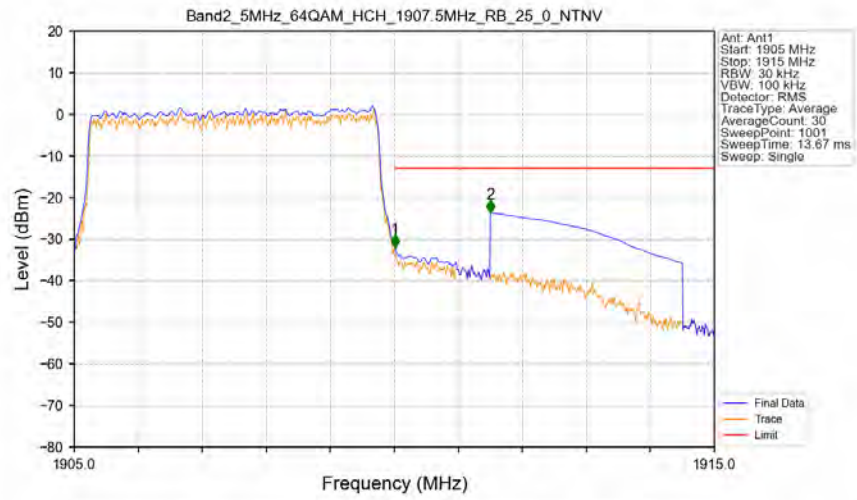


Band2_5MHz_64QAM_HCH_1907.5MHz_RB_1_24_NTNV



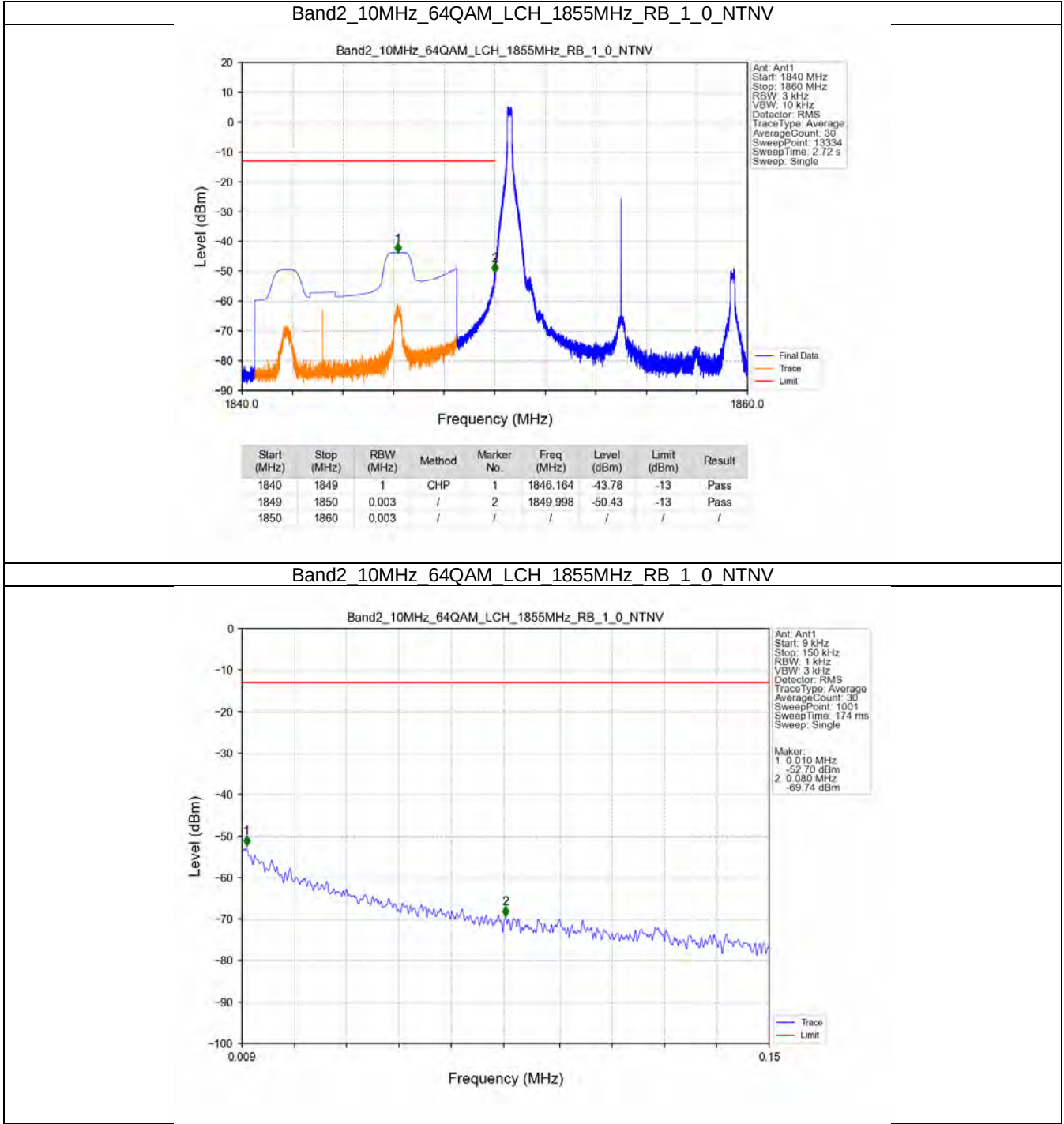
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-37.00	-13	Pass
1911	1915	1	CHP	2	1911.500	-41.98	-13	Pass

Band2 5MHz 64QAM HCH 1907.5MHz RB 25 0 NTV

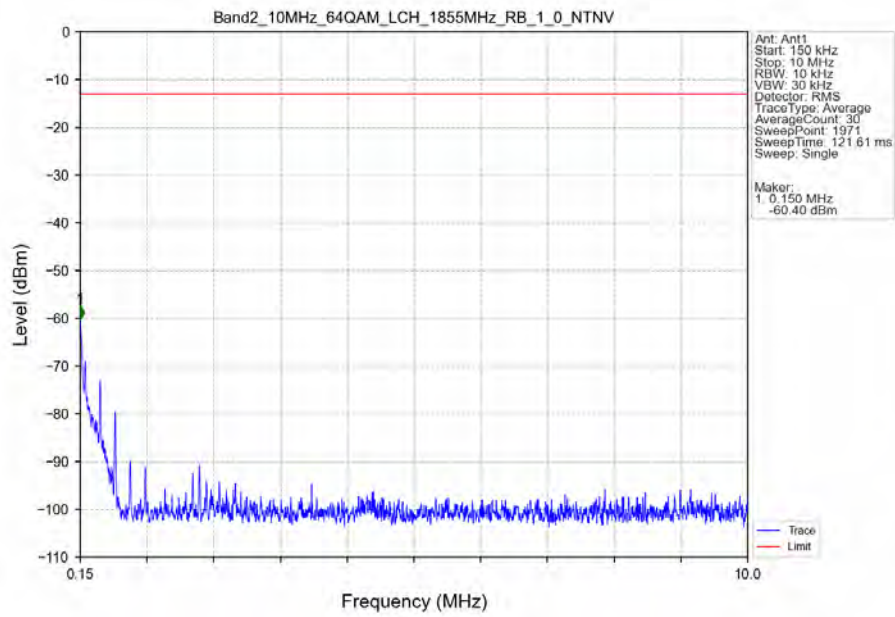


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.05	CHP	/	/	/	/	/
1910	1911	0.05	CHP	1	1910.010	-31.97	-13	Pass
1911	1915	1	CHP	2	1911.500	-23.68	-13	Pass

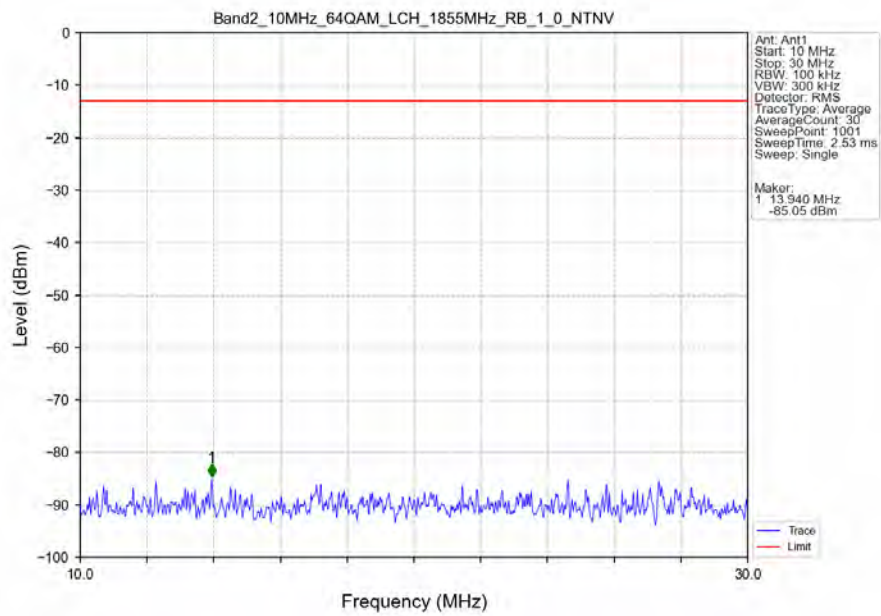
5.2.4 B2_10MHz



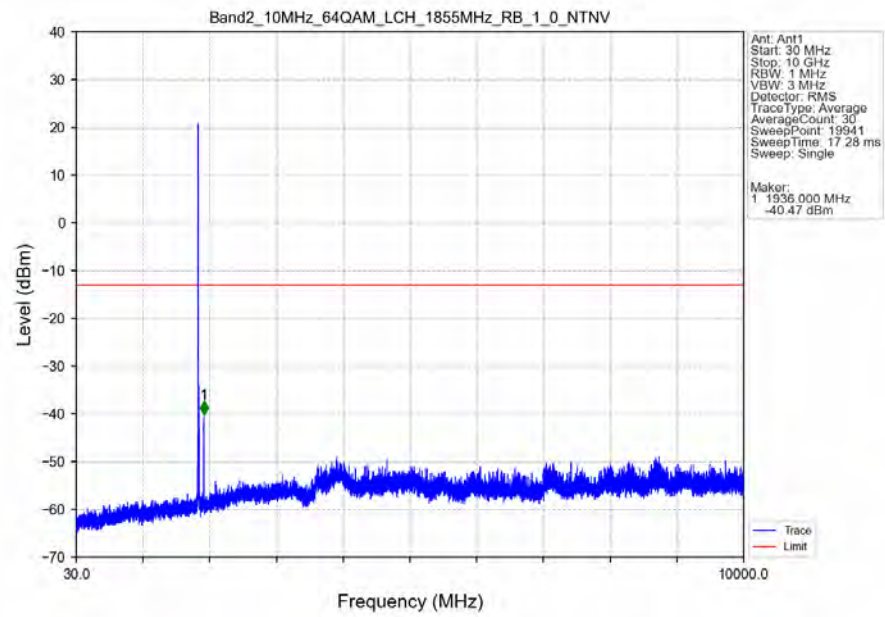
Band2_10MHz_64QAM_LCH_1855MHz_RB_1_0_NTNV



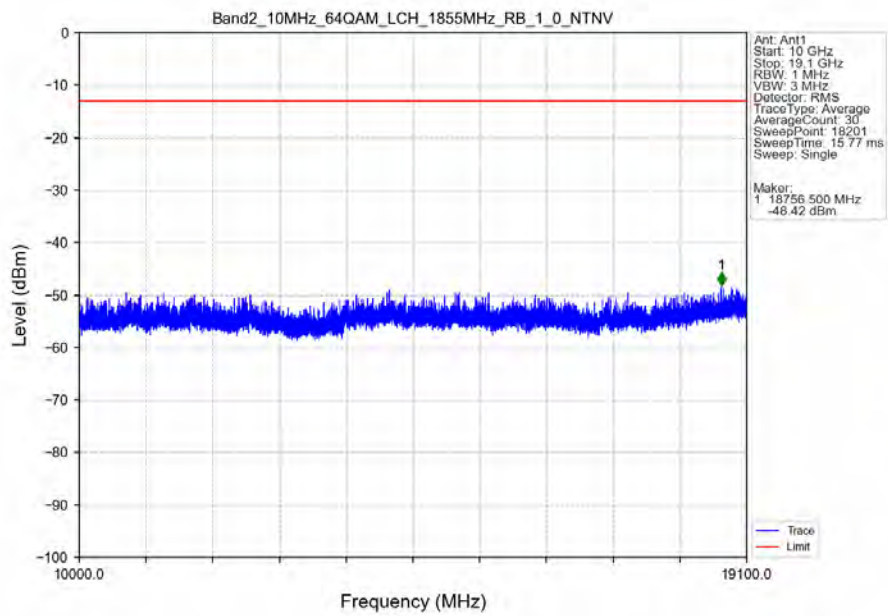
Band2_10MHz_64QAM_LCH_1855MHz_RB_1_0_NTNV



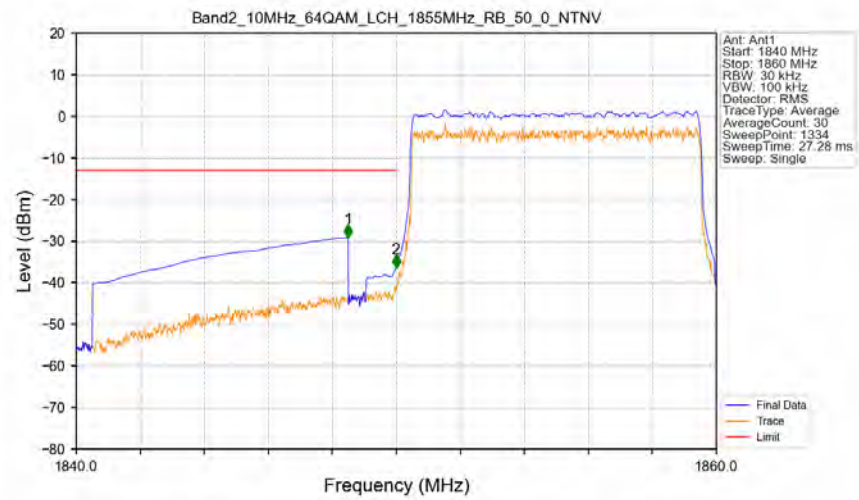
Band2_10MHz_64QAM_LCH_1855MHz_RB_1_0_NTNV



Band2_10MHz_64QAM_LCH_1855MHz_RB_1_0_NTNV

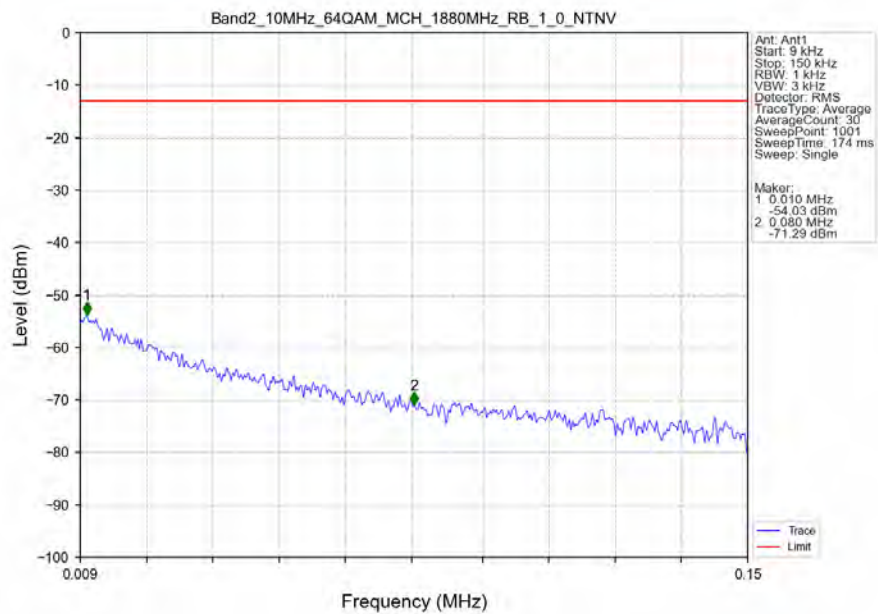


Band2_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV

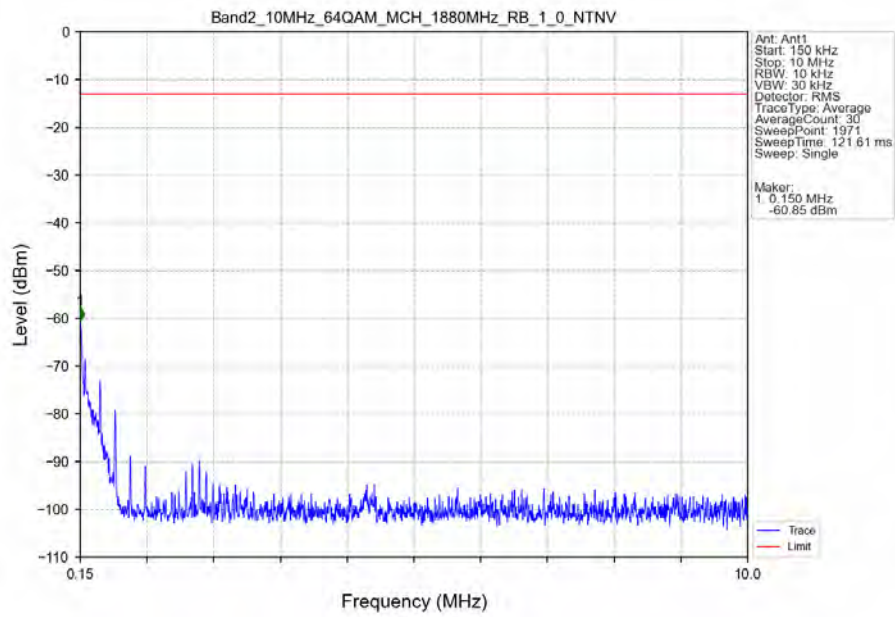


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.492	-29.06	-13	Pass
1849	1850	0.099	CHP	2	1849.992	-36.44	-13	Pass
1850	1860	0.099	CHP	/	/	/	/	/

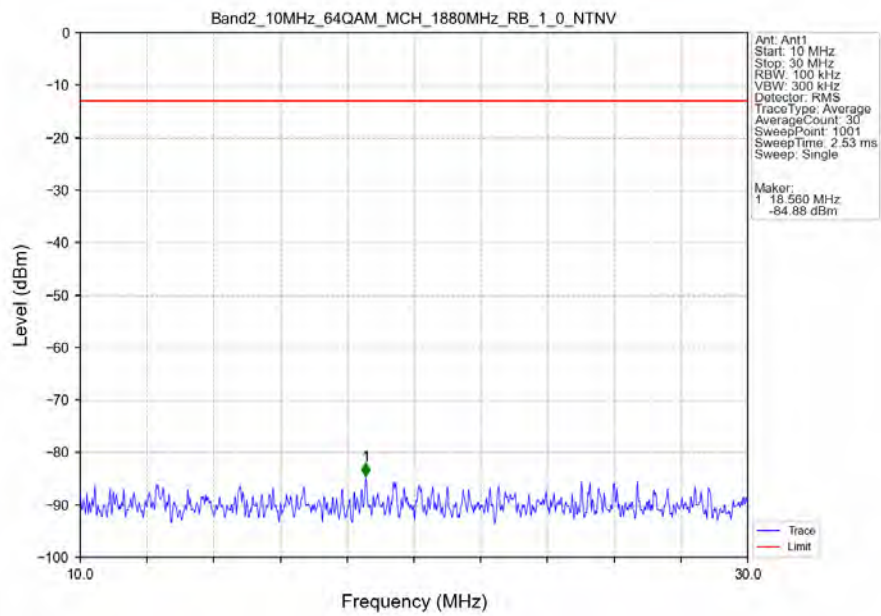
Band2_10MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



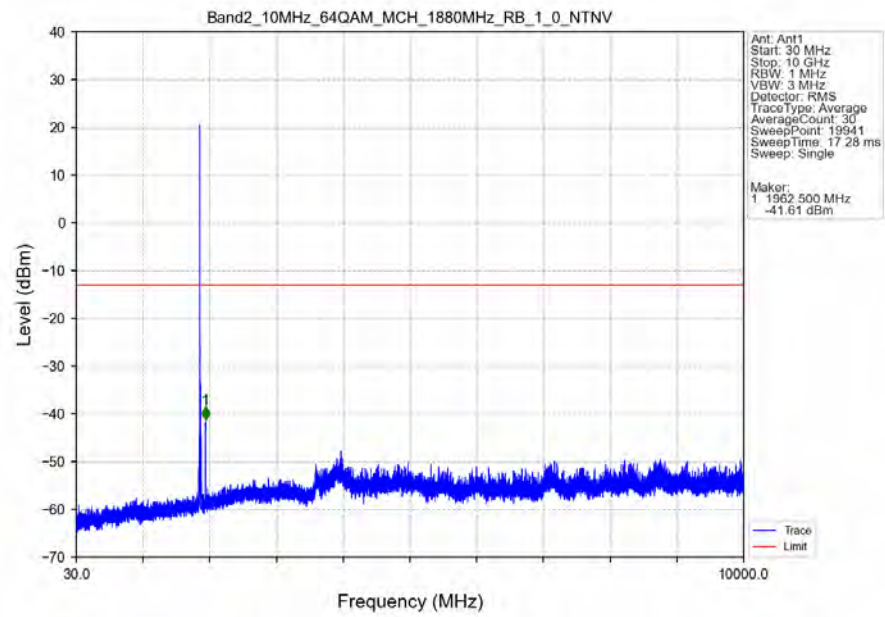
Band2_10MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



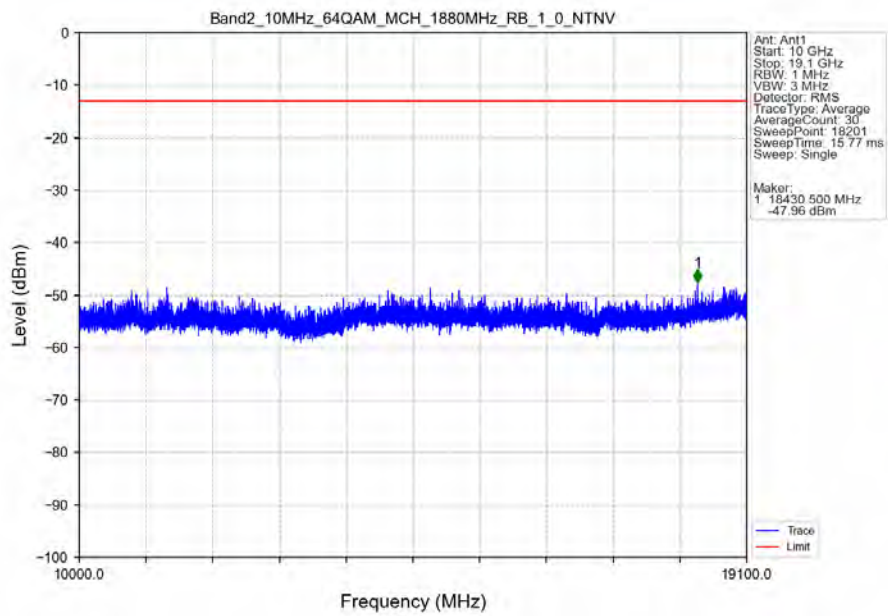
Band2_10MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



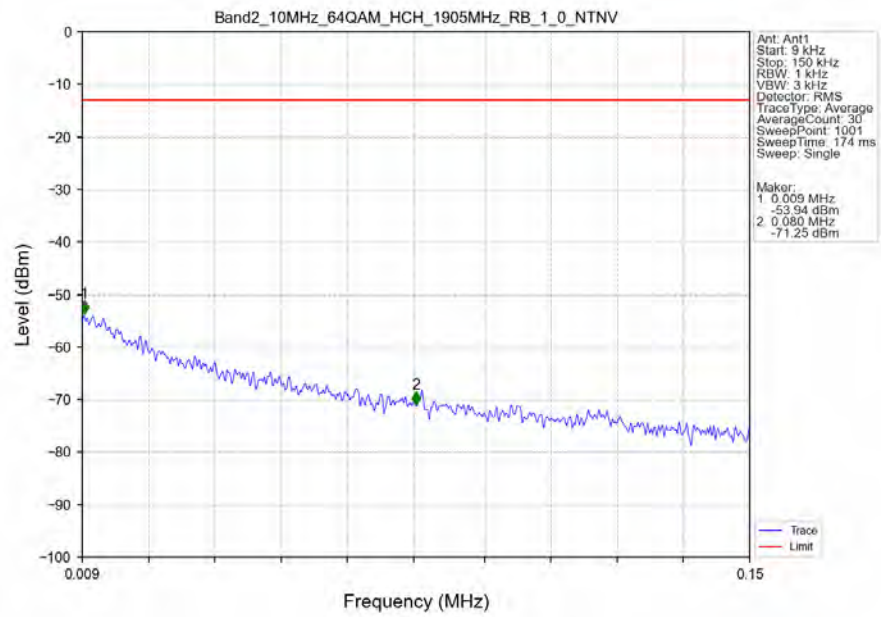
Band2_10MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



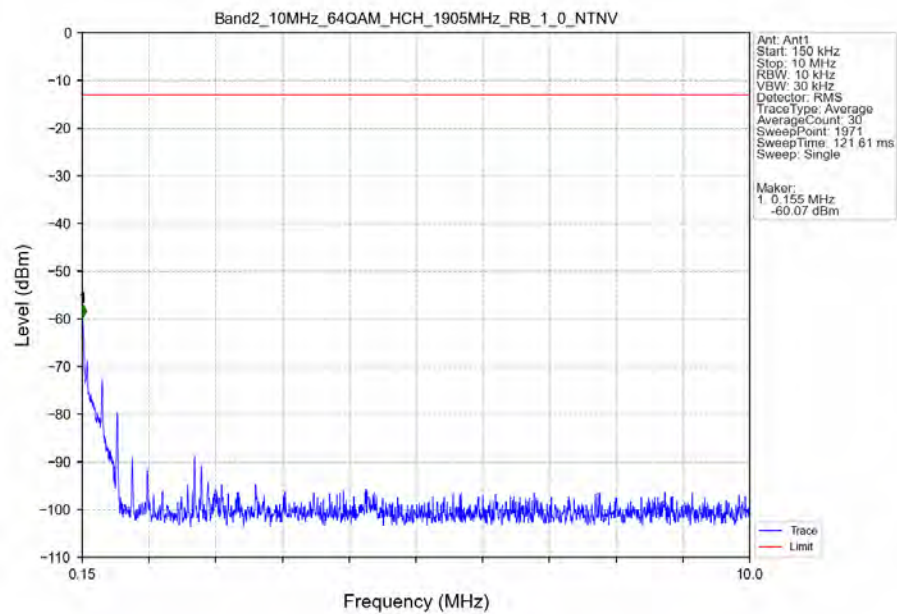
Band2_10MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



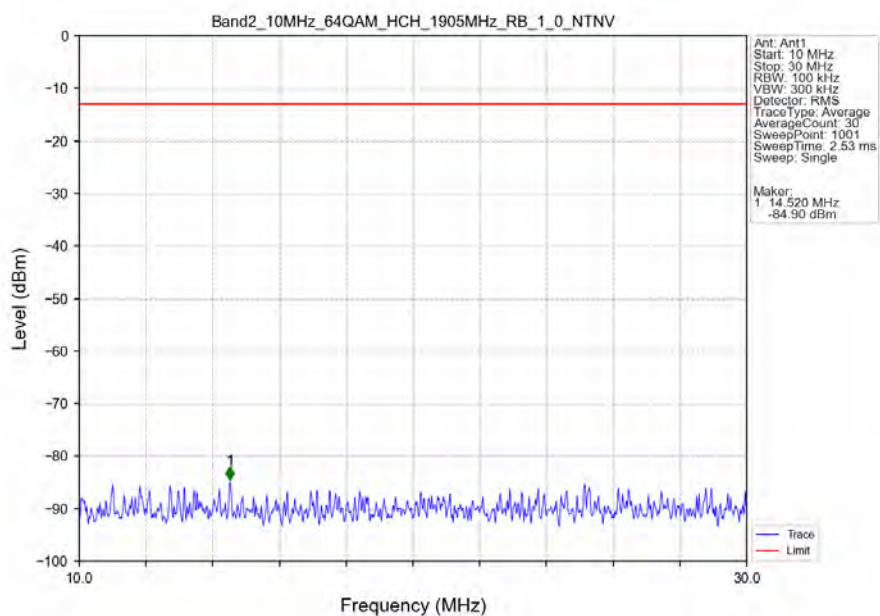
Band2_10MHz_64QAM_HCH_1905MHz_RB_1_0_NTNV



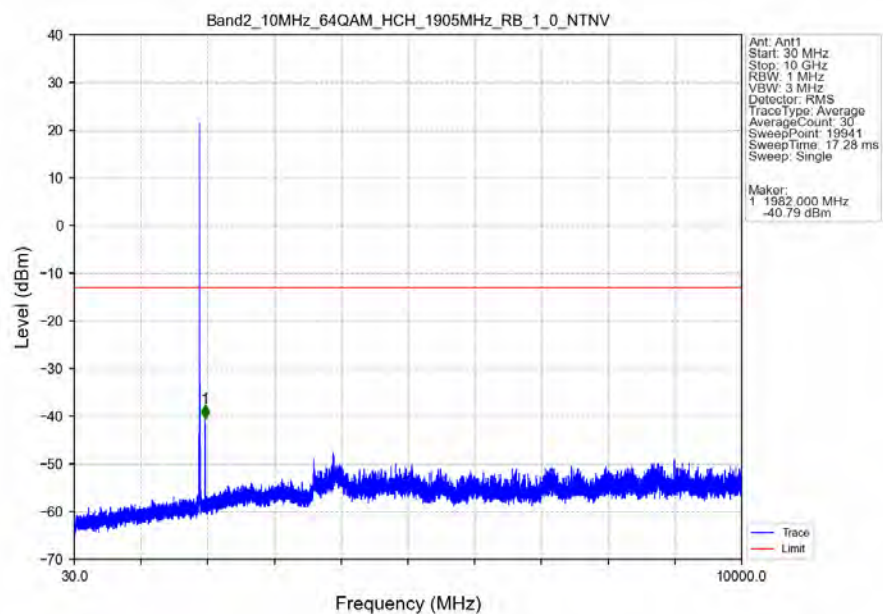
Band2_10MHz_64QAM_HCH_1905MHz_RB_1_0_NTNV



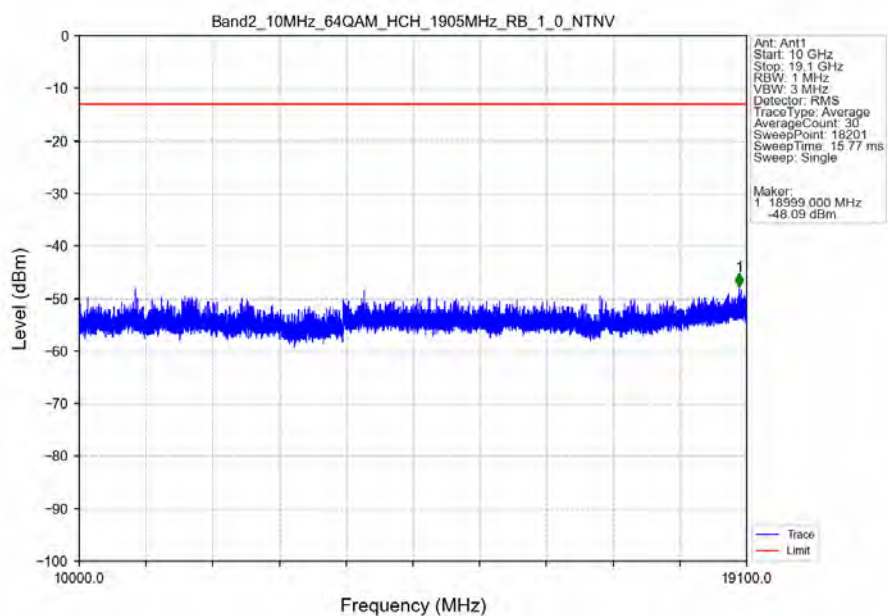
Band2_10MHz_64QAM_HCH_1905MHz_RB_1_0_NTNV



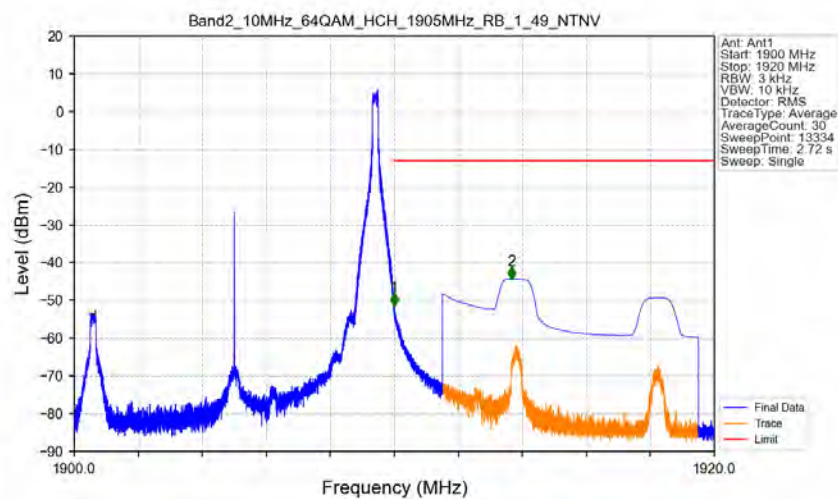
Band2_10MHz_64QAM_HCH_1905MHz_RB_1_0_NTNV



Band2_10MHz_64QAM_HCH_1905MHz_RB_1_0_NTNV

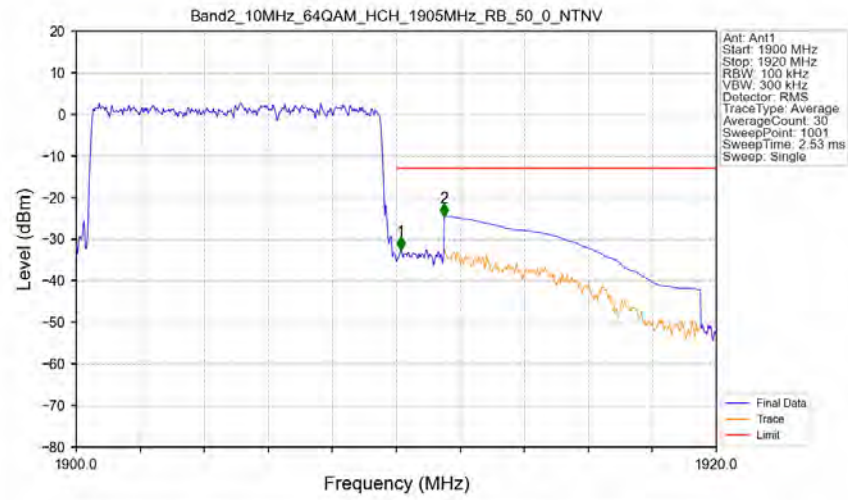


Band2_10MHz_64QAM_HCH_1905MHz_RB_1_49_NTNV



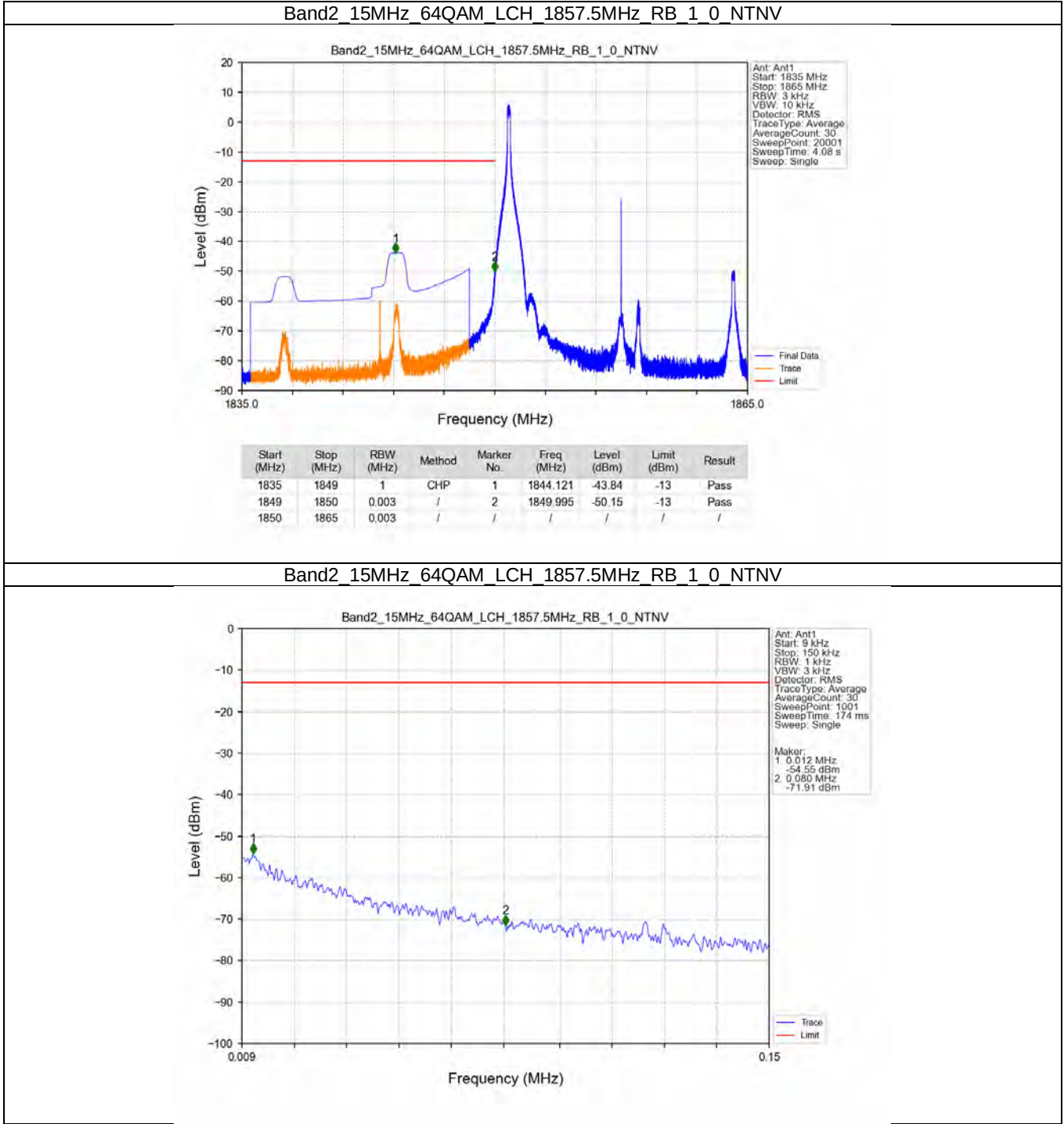
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.001	-51.46	-13	Pass
1911	1920	1	CHP	2	1913.665	-44.42	-13	Pass

Band2_10MHz_64QAM_HCH_1905MHz_RB_50_0_NTNV

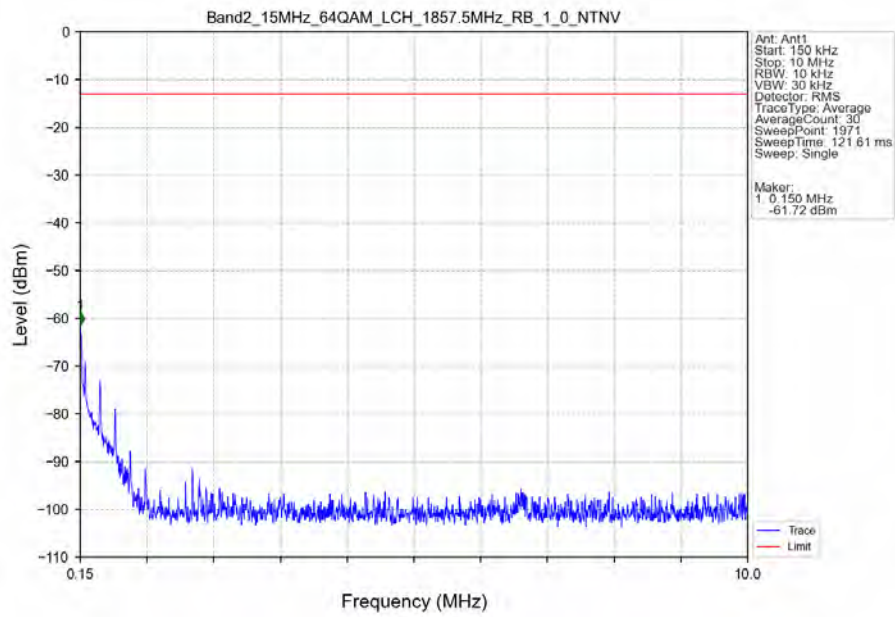


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.1	/	/	/	/	/	/
1910	1911	0.1	/	1	1910.140	-32.50	-13	Pass
1911	1920	1	CHP	2	1911.500	-24.49	-13	Pass

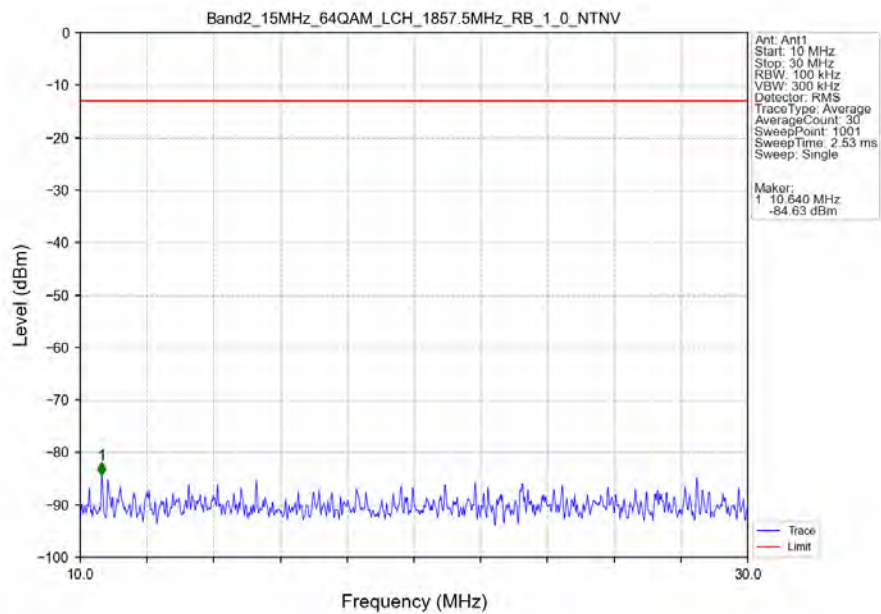
5.2.5 B2_15MHz



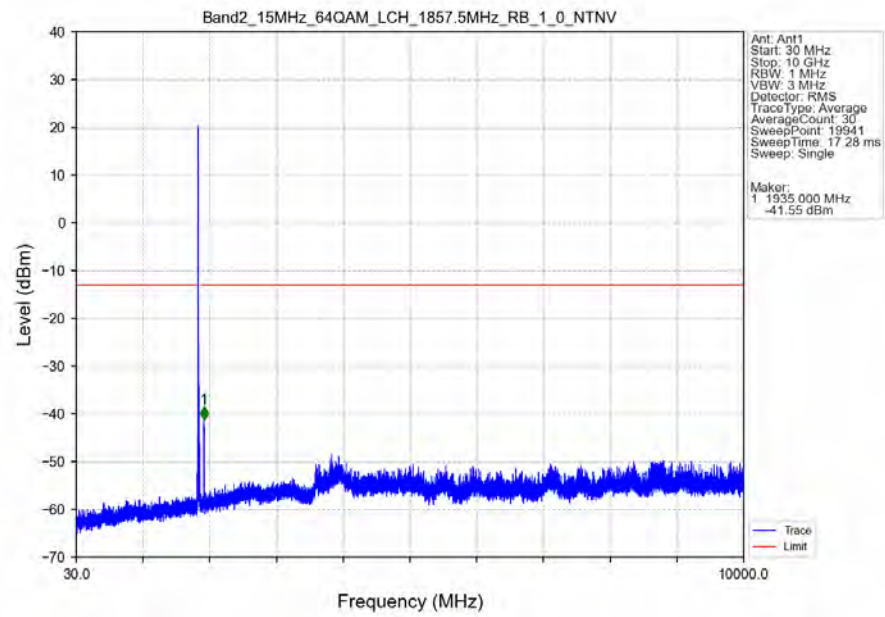
Band2_15MHz_64QAM_LCH_1857.5MHz_RB_1_0_NTNV



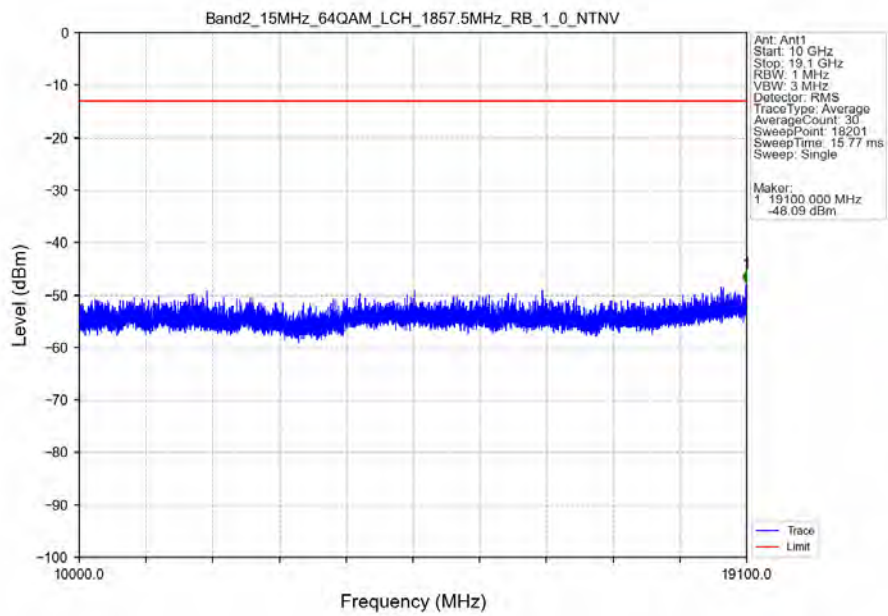
Band2_15MHz_64QAM_LCH_1857.5MHz_RB_1_0_NTNV



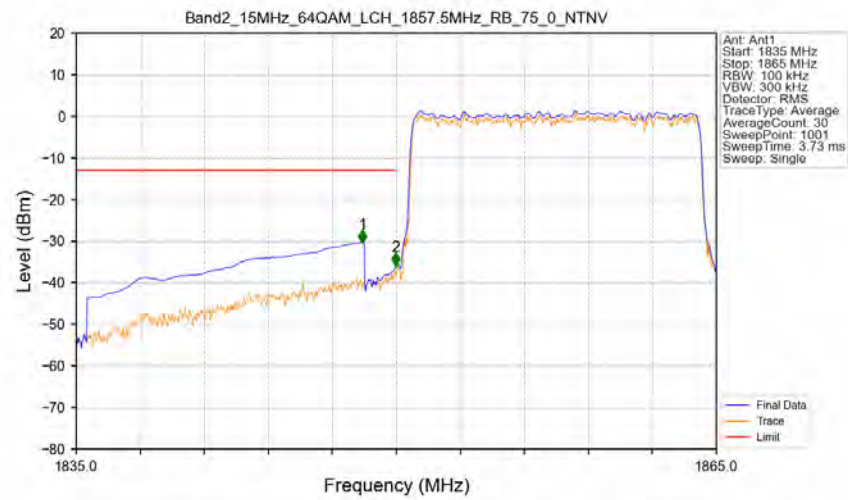
Band2_15MHz_64QAM_LCH_1857.5MHz_RB_1_0_NTNV



Band2_15MHz_64QAM_LCH_1857.5MHz_RB_1_0_NTNV

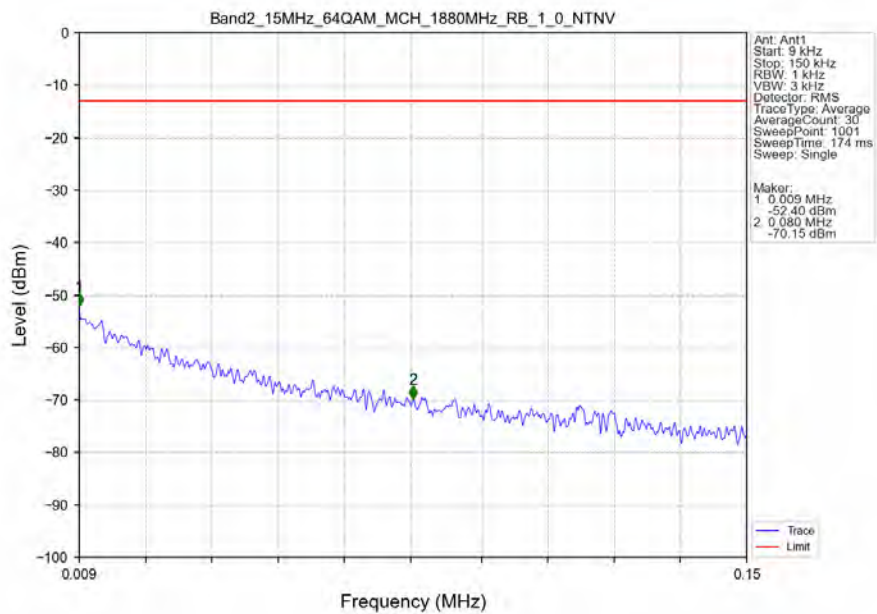


Band2_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV

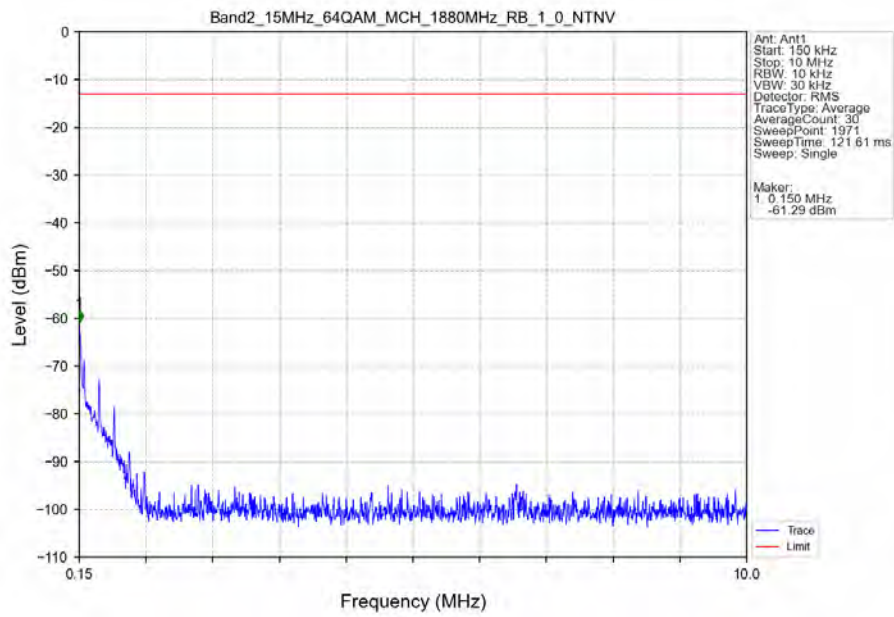


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.410	-30.33	-13	Pass
1849	1850	0.149	CHP	2	1849.970	-35.92	-13	Pass
1850	1865	0.149	CHP	/	/	/	/	/

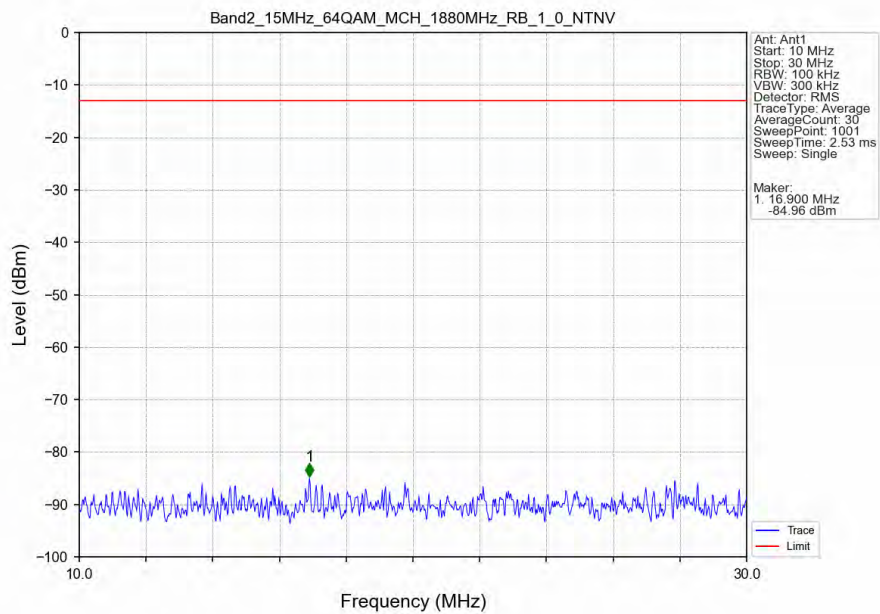
Band2_15MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



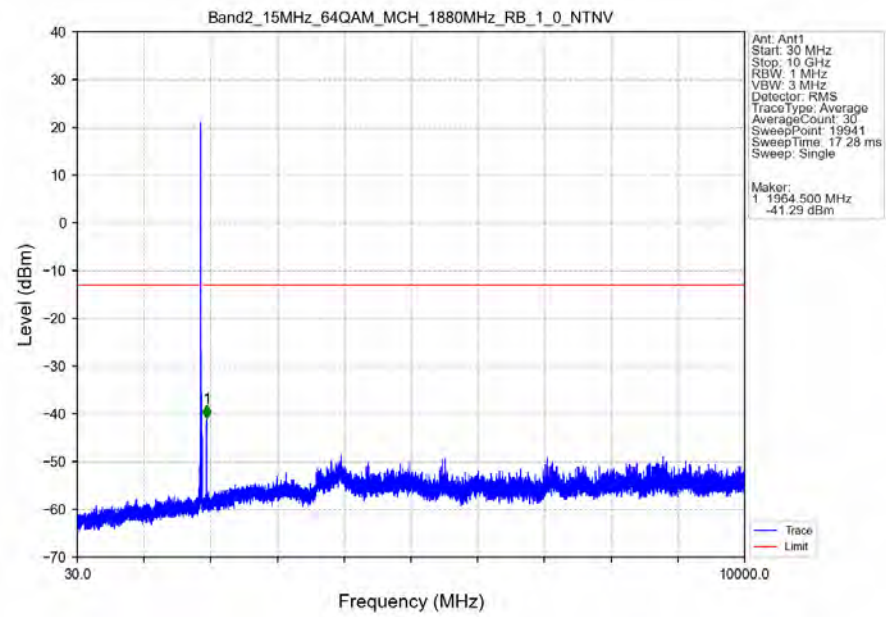
Band2_15MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



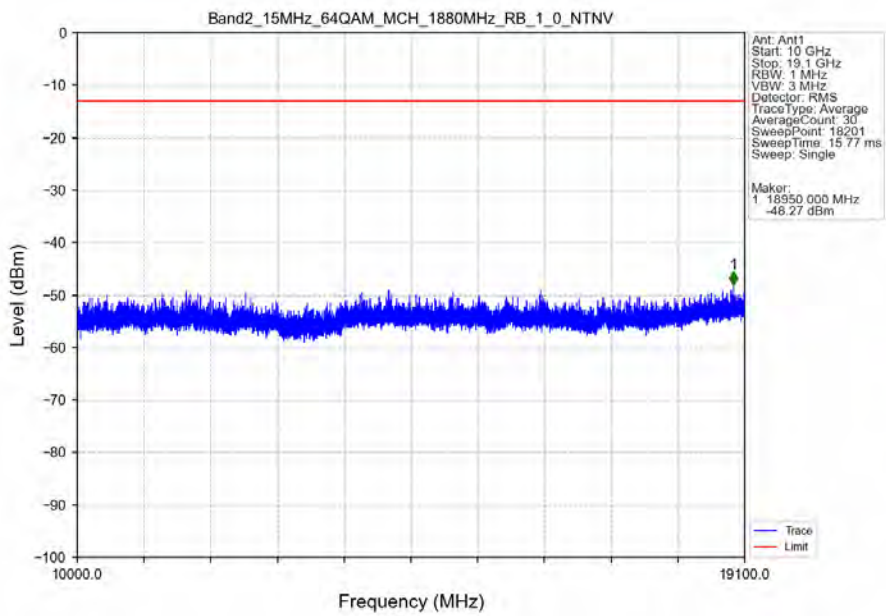
Band2_15MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



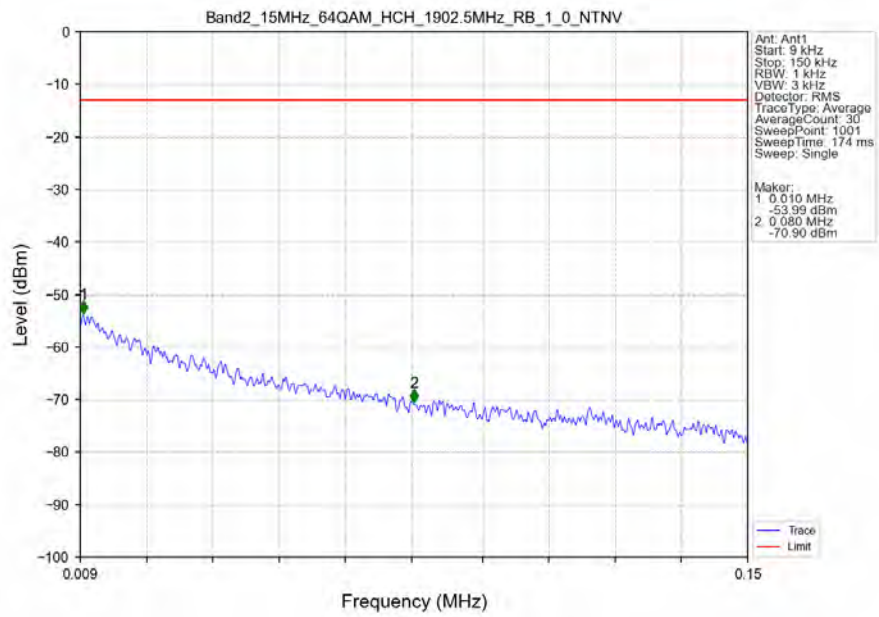
Band2_15MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



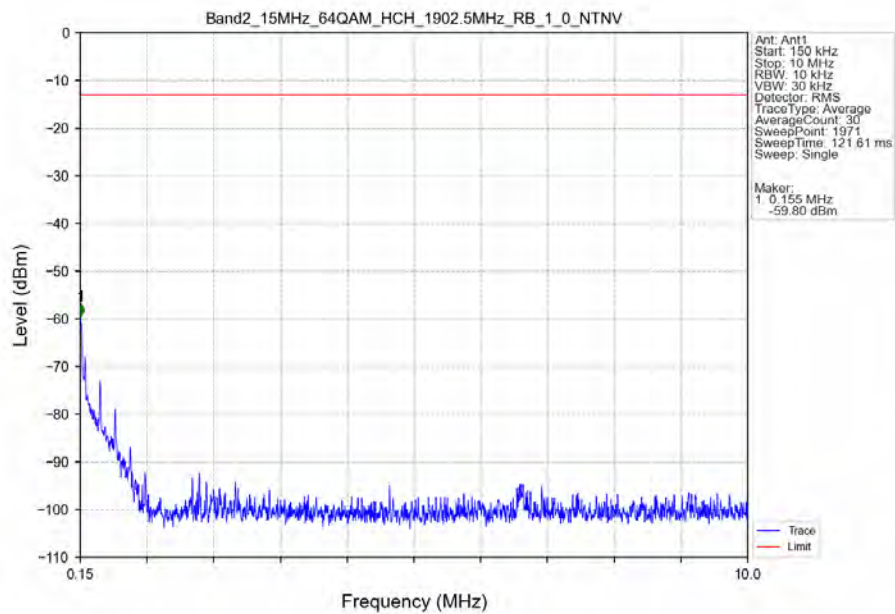
Band2_15MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



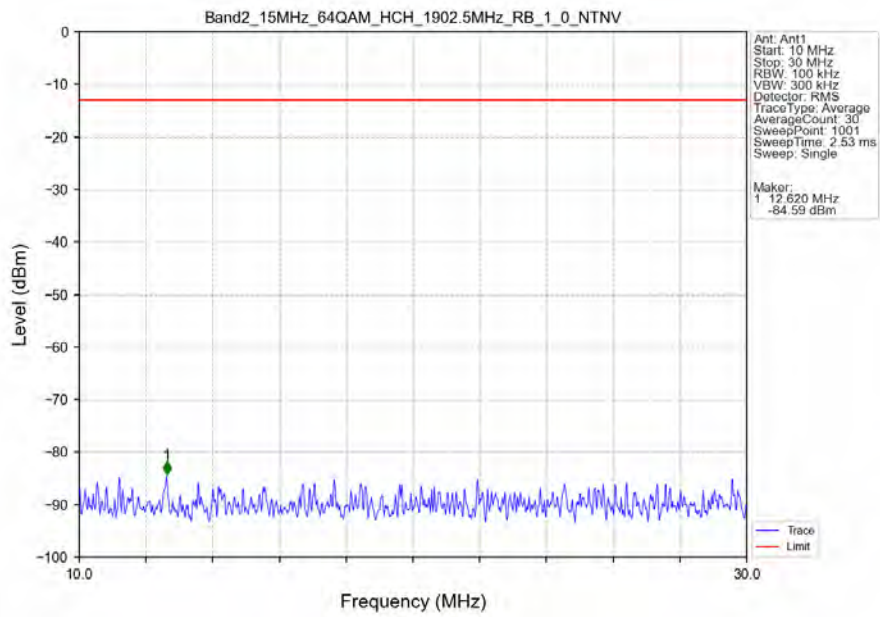
Band2_15MHz_64QAM_HCH_1902.5MHz_RB_1_0_NTNV



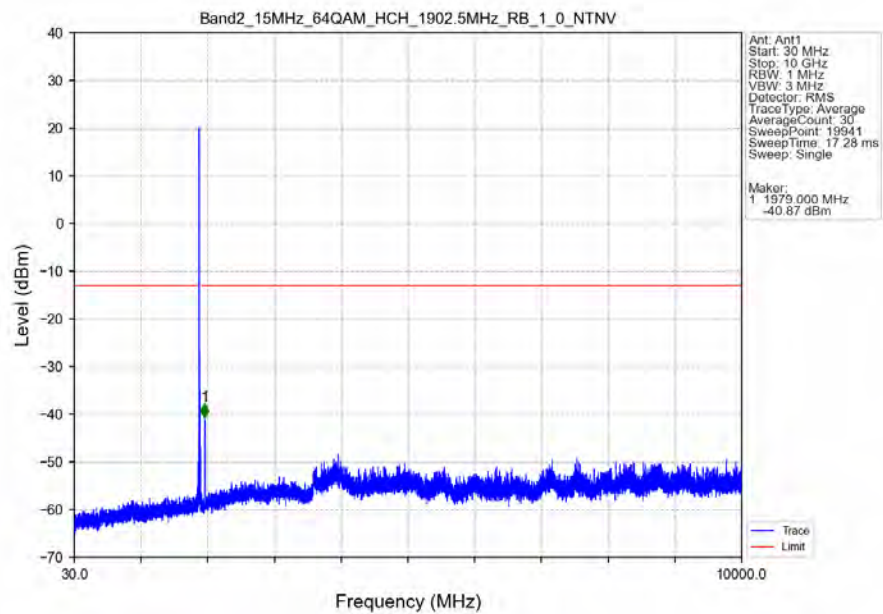
Band2_15MHz_64QAM_HCH_1902.5MHz_RB_1_0_NTNV



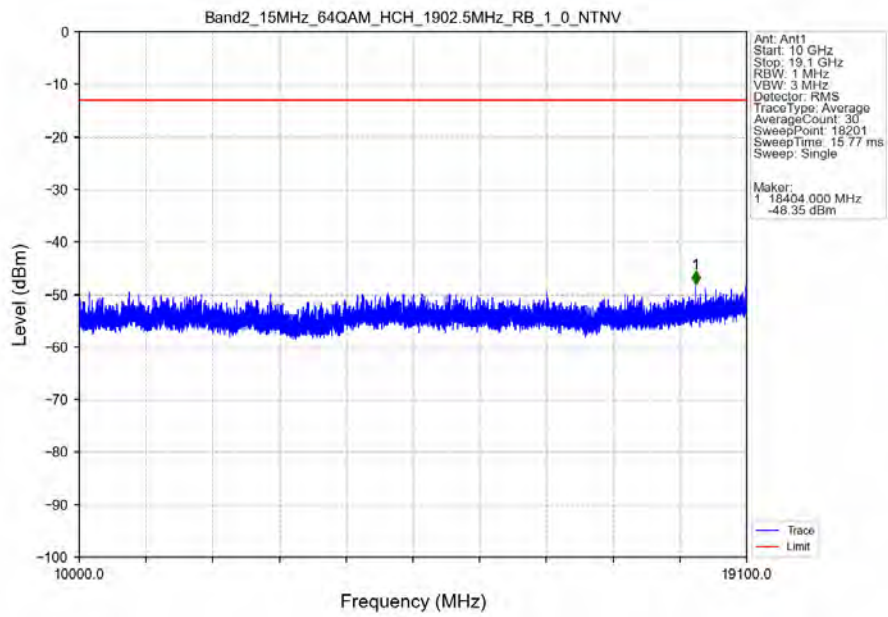
Band2_15MHz_64QAM_HCH_1902.5MHz_RB_1_0_NTNV



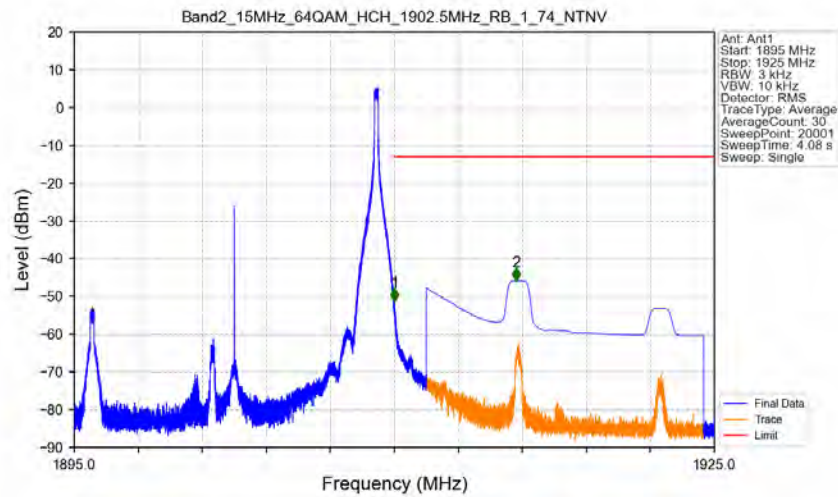
Band2_15MHz_64QAM_HCH_1902.5MHz_RB_1_0_NTNV



Band2_15MHz_64QAM_HCH_1902.5MHz_RB_1_0_NTNV

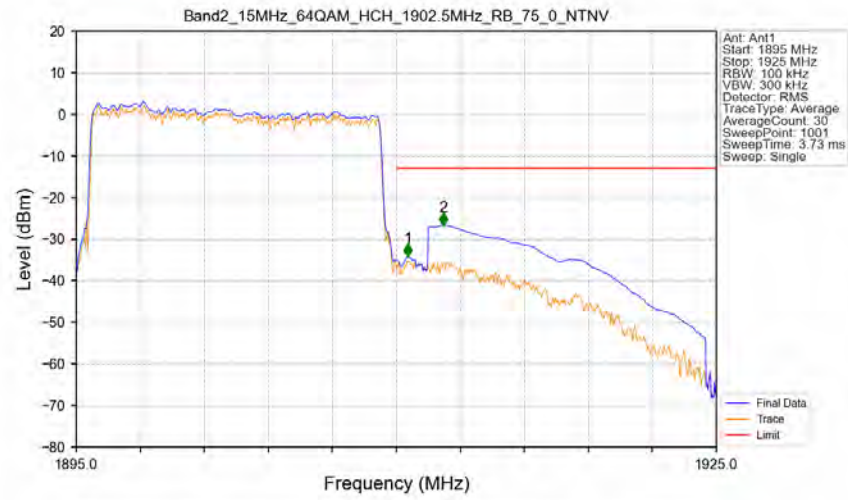


Band2_15MHz_64QAM_HCH_1902.5MHz_RB_1_74_NTNV



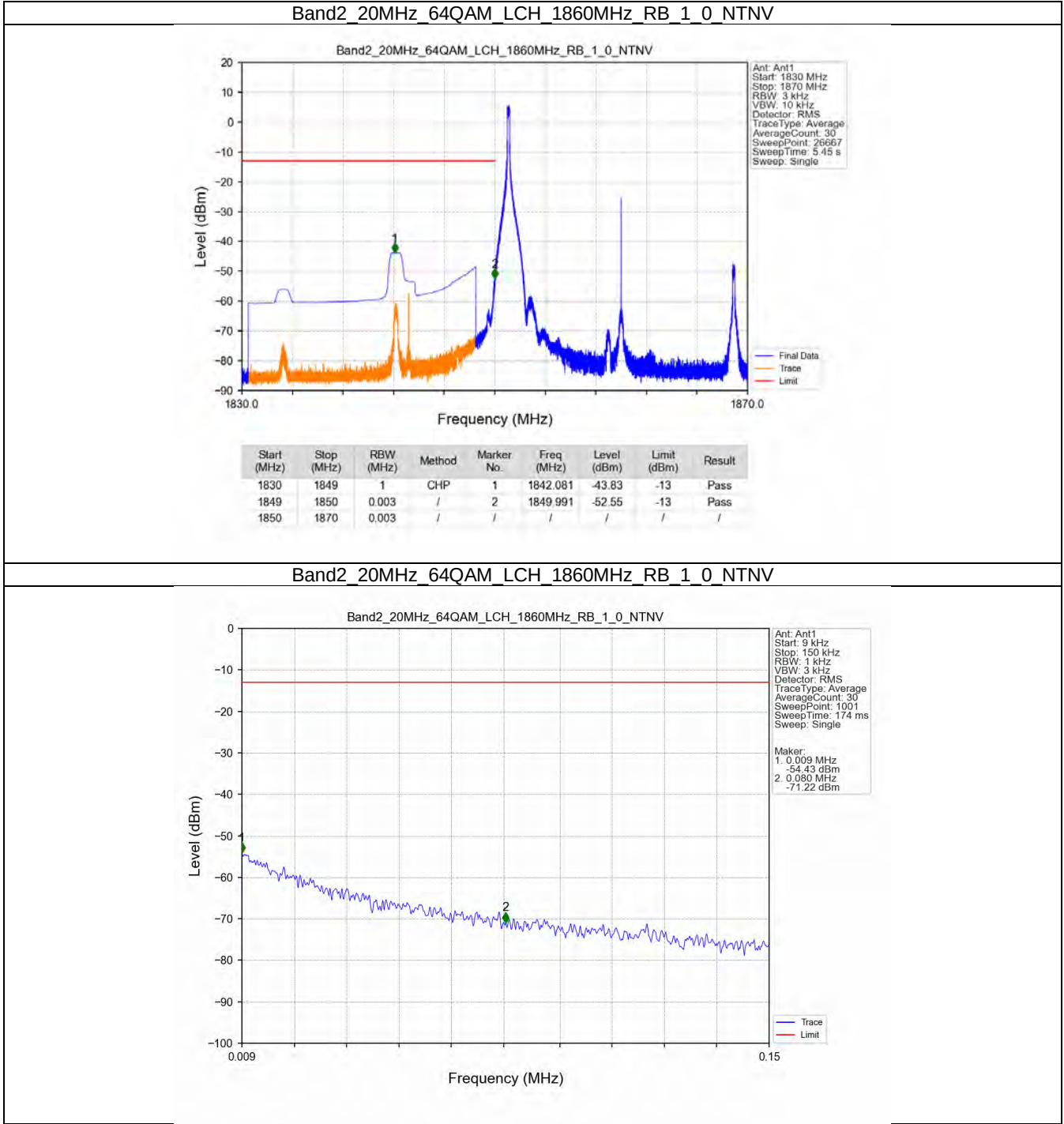
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.003	-51.20	-13	Pass
1911	1925	1	CHP	2	1915.721	-45.88	-13	Pass

Band2_15MHz_64QAM_HCH_1902.5MHz_RB_75_0_NTNV

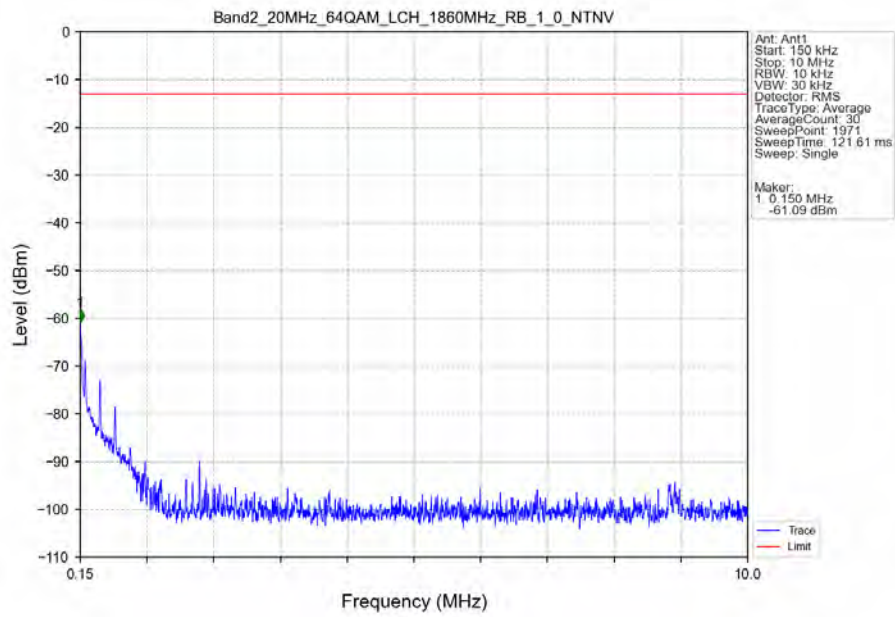


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.15	CHP	/	/	/	/	/
1910	1911	0.15	CHP	1	1910.540	-34.23	-13	Pass
1911	1925	1	CHP	2	1912.190	-26.73	-13	Pass

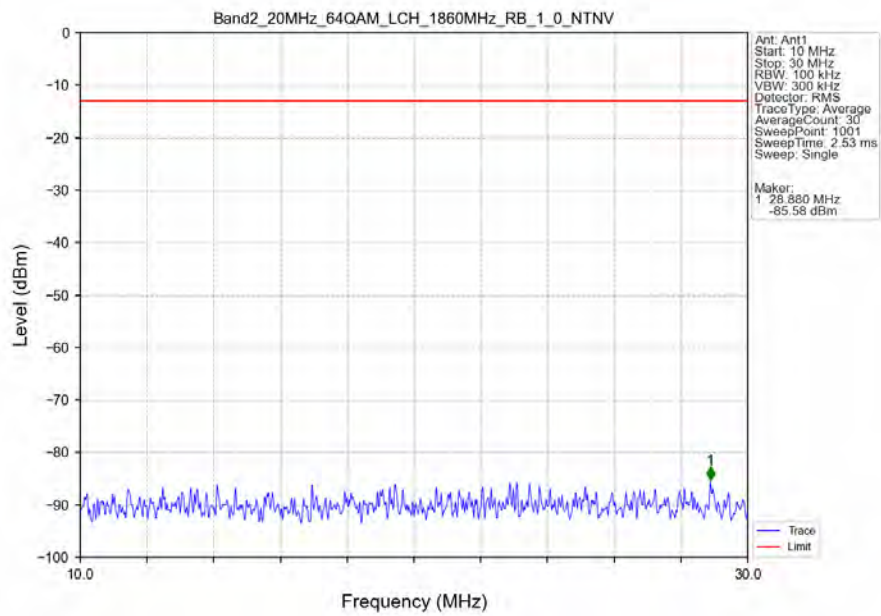
5.2.6 B2_20MHz



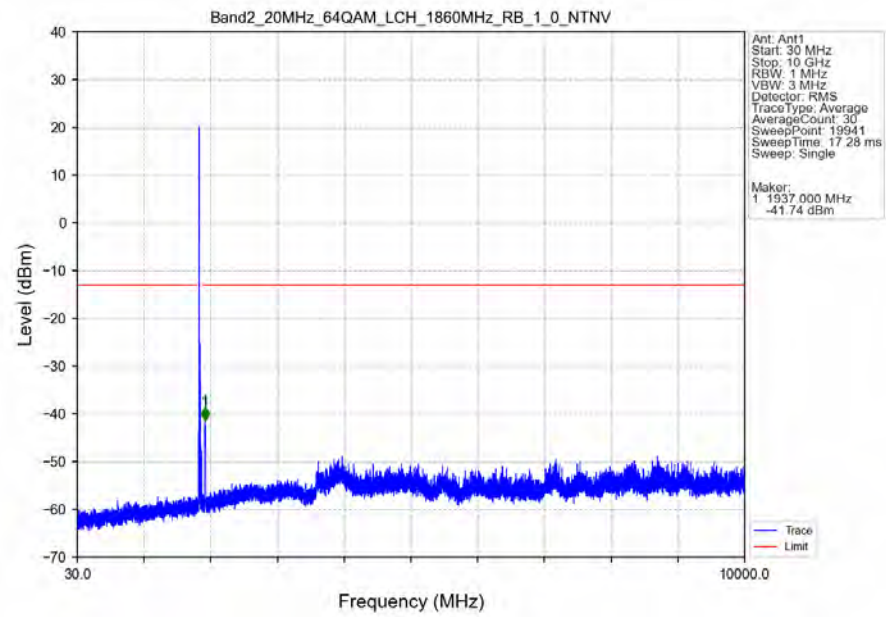
Band2_20MHz_64QAM_LCH_1860MHz_RB_1_0_NTNV



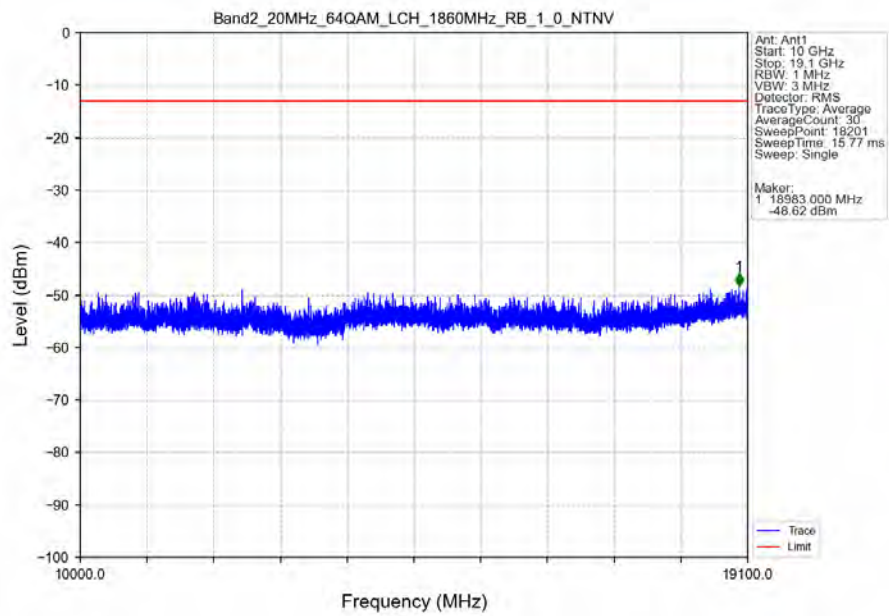
Band2_20MHz_64QAM_LCH_1860MHz_RB_1_0_NTNV



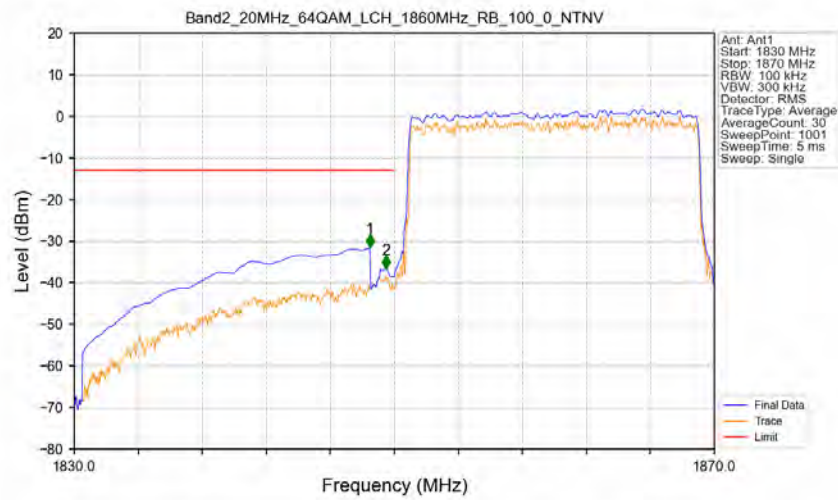
Band2_20MHz_64QAM_LCH_1860MHz_RB_1_0_NTNV



Band2_20MHz_64QAM_LCH_1860MHz_RB_1_0_NTNV

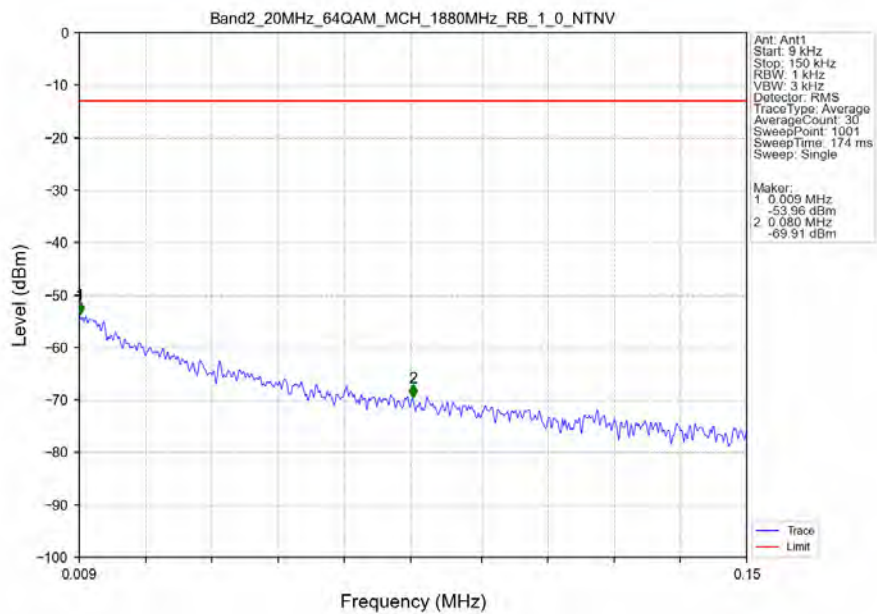


Band2_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV

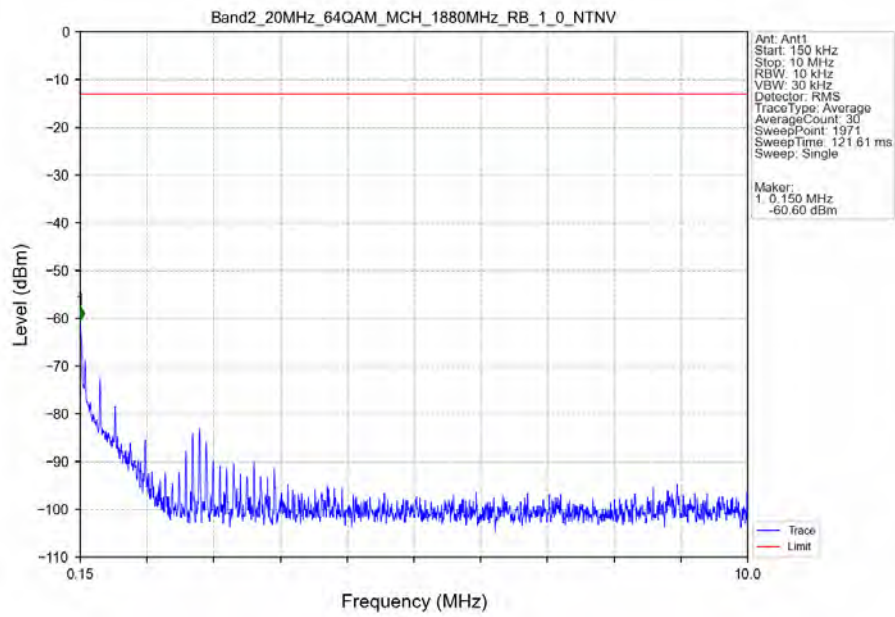


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-31.50	-13	Pass
1849	1850	0.199	CHP	2	1849.480	-36.59	-13	Pass
1850	1870	0.199	CHP	/	/	/	/	/

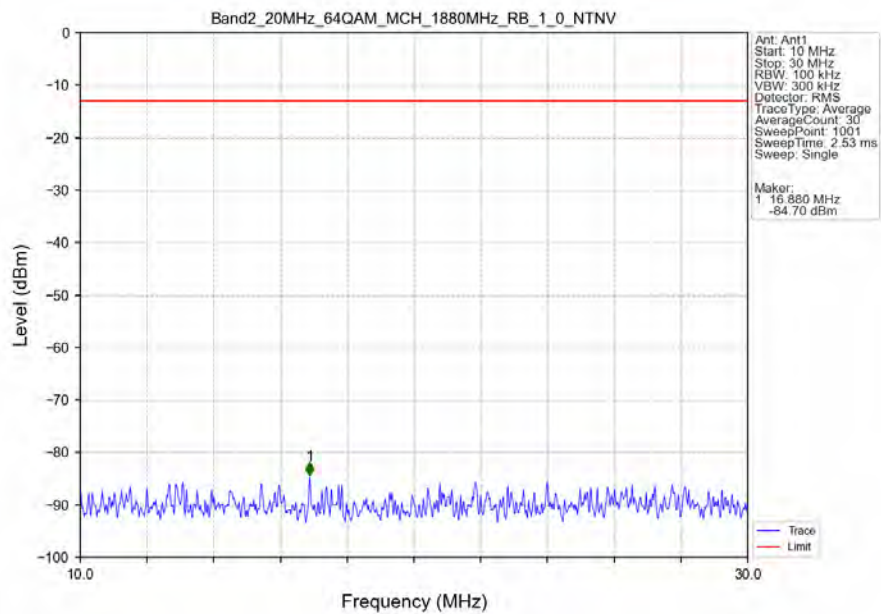
Band2_20MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



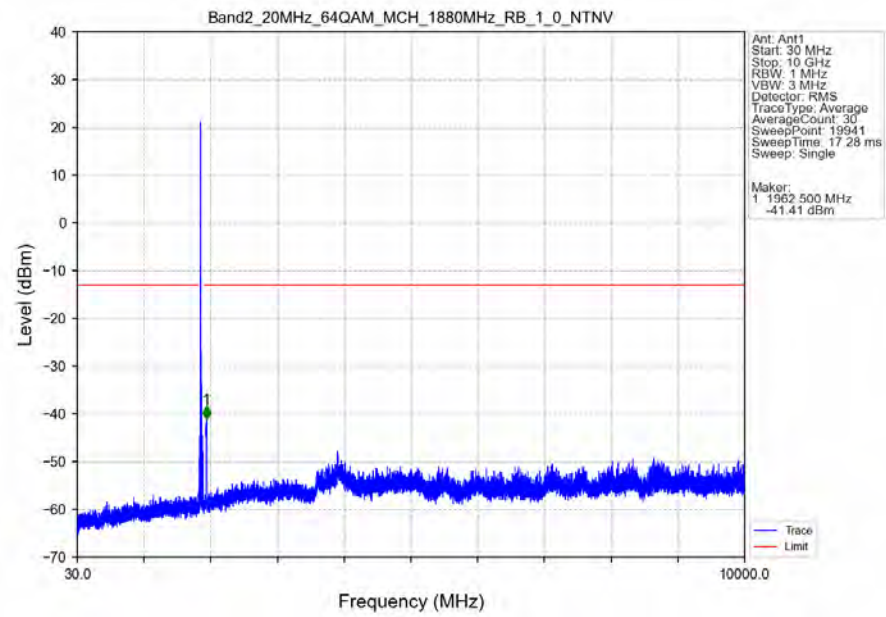
Band2_20MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



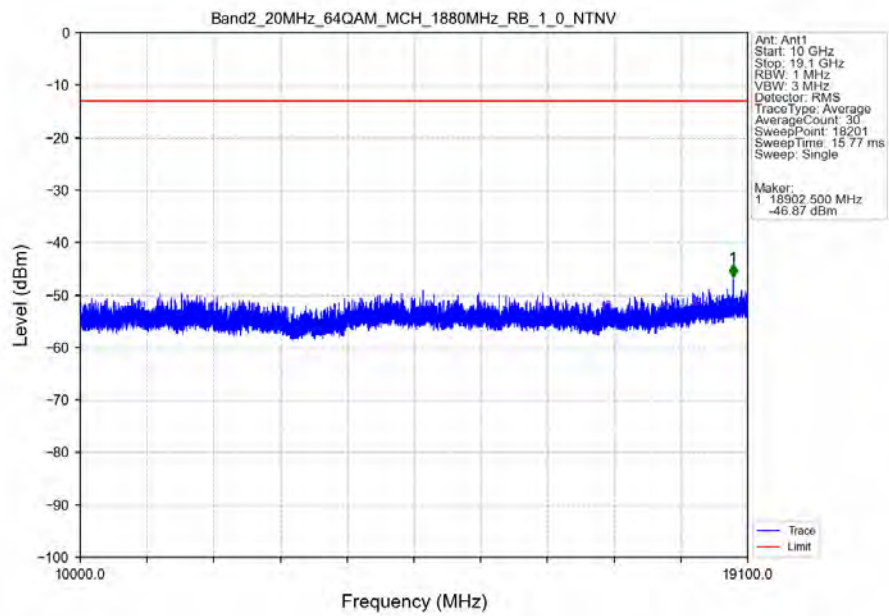
Band2_20MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



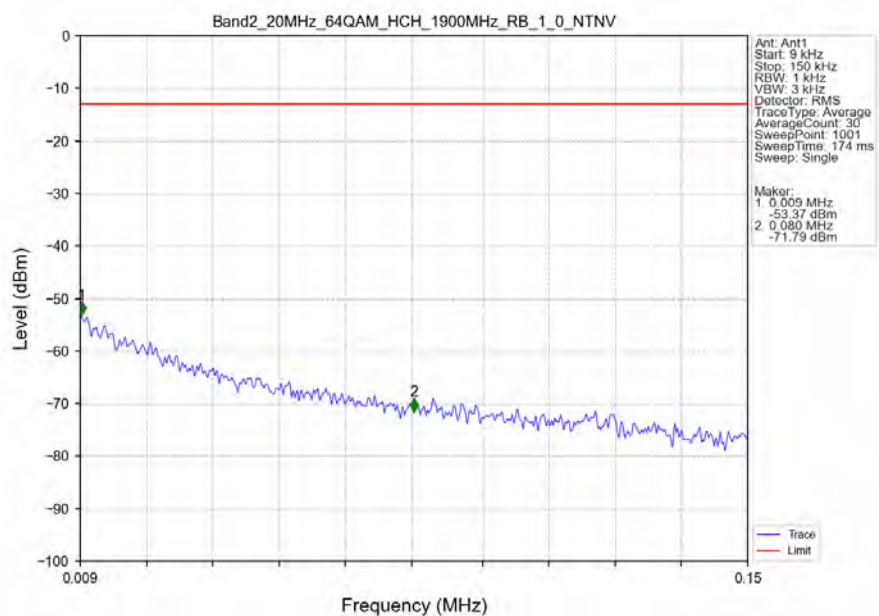
Band2_20MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



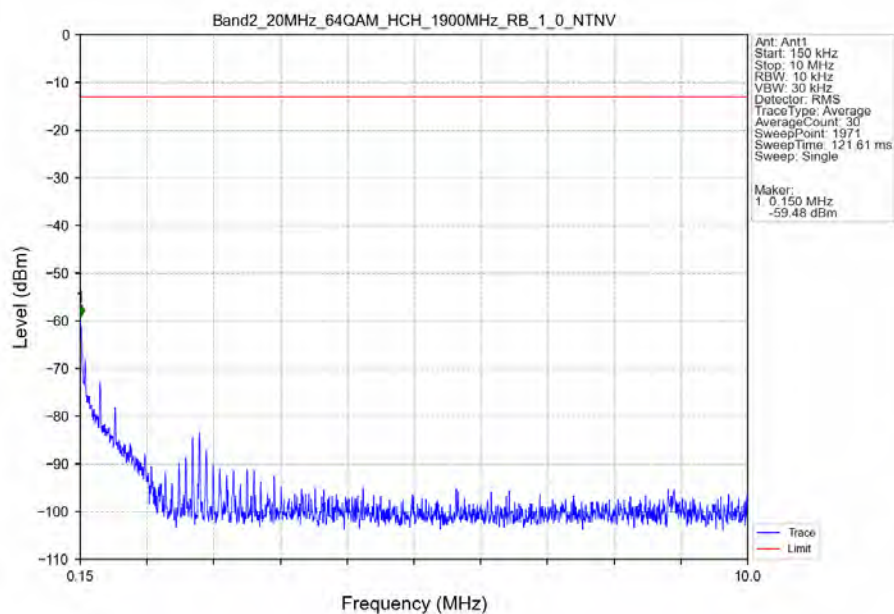
Band2_20MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



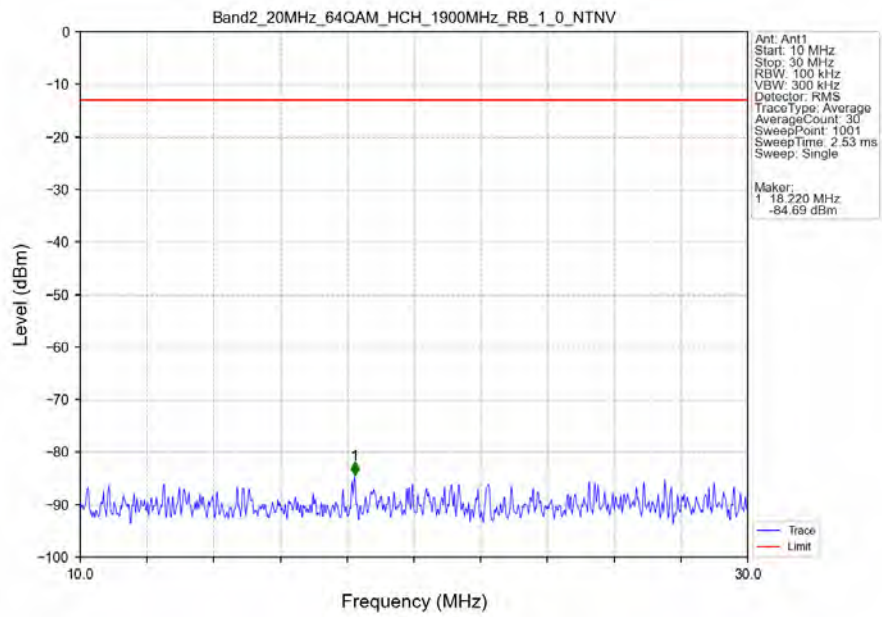
Band2_20MHz_64QAM_HCH_1900MHz_RB_1_0_NTNV



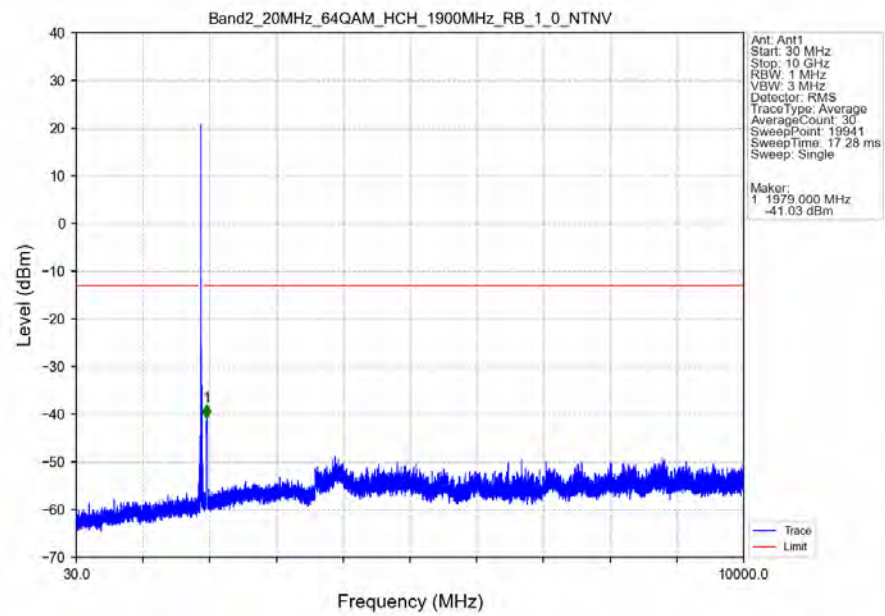
Band2_20MHz_64QAM_HCH_1900MHz_RB_1_0_NTNV



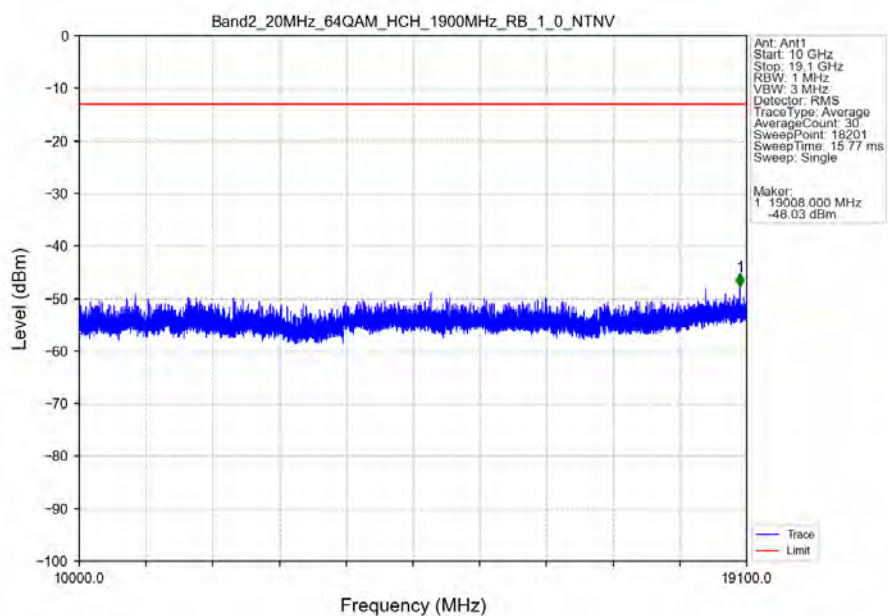
Band2_20MHz_64QAM_HCH_1900MHz_RB_1_0_NTNV



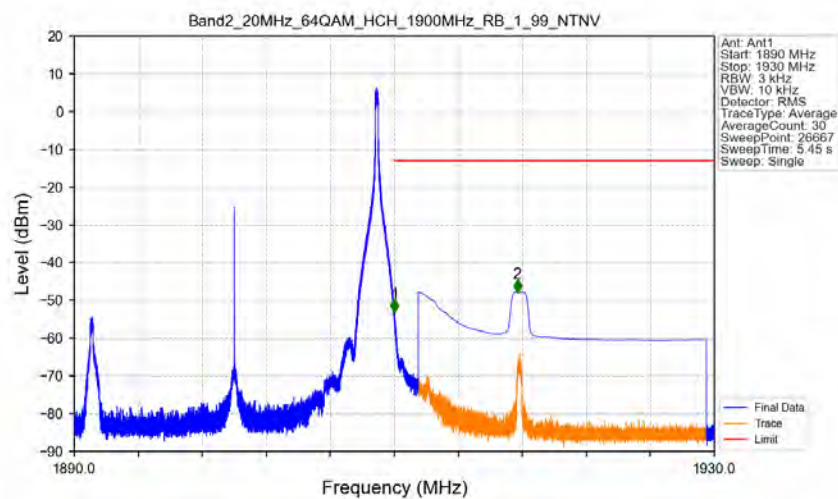
Band2_20MHz_64QAM_HCH_1900MHz_RB_1_0_NTNV



Band2_20MHz_64QAM_HCH_1900MHz_RB_1_0_NTNV

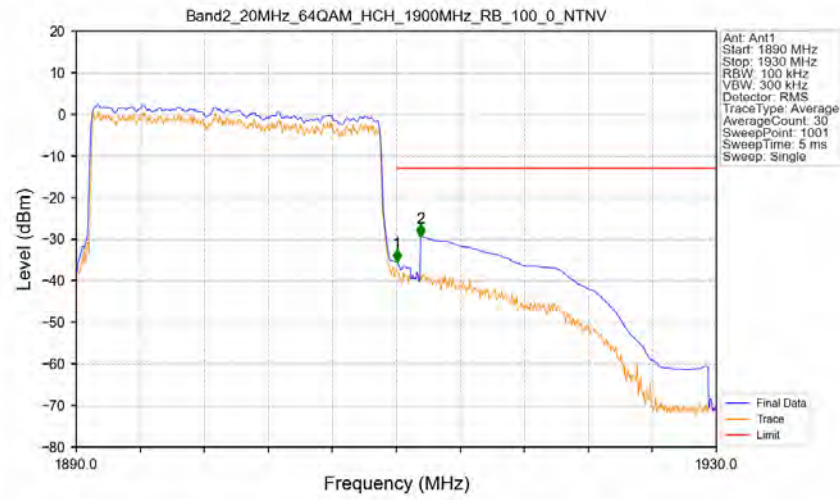


Band2_20MHz_64QAM_HCH_1900MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.020	-53.15	-13	Pass
1911	1930	1	CHP	2	1917.688	-47.78	-13	Pass

Band2_20MHz_64QAM_HCH_1900MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.196	CHP	/	/	/	/	/
1910	1911	0.196	CHP	1	1910.040	-35.47	-13	Pass
1911	1930	1	CHP	2	1911.520	-29.47	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 2-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3702.0	-65.79	-13	-52.79	-70.65	3.58	8.44	Horizontal	Pass
5553.0	-62.13	-13	-49.13	-67.84	4.74	10.45	Horizontal	Pass
7404.0	-60.61	-13	-47.61	-67.29	4.94	11.62	Horizontal	Pass
3702.0	-64.64	-13	-51.64	-69.5	3.58	8.44	Vertical	Pass
5553.0	-62.38	-13	-49.38	-68.09	4.74	10.45	Vertical	Pass
7404.0	-60.53	-13	-47.53	-67.21	4.94	11.62	Vertical	Pass

LTE Band 2-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3742.0	-66.74	-13	-53.74	-71.62	3.61	8.49	Horizontal	Pass
5613.0	-62.18	-13	-49.18	-67.89	4.74	10.45	Horizontal	Pass
7484.0	-60.78	-13	-47.78	-67.56	4.94	11.72	Horizontal	Pass
3742.0	-66.6	-13	-53.6	-71.48	3.61	8.49	Vertical	Pass
5613.0	-62.44	-13	-49.44	-68.15	4.74	10.45	Vertical	Pass
7484.0	-60.61	-13	-47.61	-67.39	4.94	11.72	Vertical	Pass

LTE Band 2-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3782.0	-66.33	-13	-53.33	-71.23	3.65	8.55	Horizontal	Pass
5673.0	-62.32	-13	-49.32	-68.02	4.75	10.45	Horizontal	Pass
7564.0	-60.83	-13	-47.83	-67.7	4.95	11.82	Horizontal	Pass
3782.0	-66.69	-13	-53.69	-71.59	3.65	8.55	Vertical	Pass
5673.0	-62.73	-13	-49.73	-68.43	4.75	10.45	Vertical	Pass
7564.0	-60.24	-13	-47.24	-67.11	4.95	11.82	Vertical	Pass