

FCC LTE Band Test Data

FCC ID : 2AZHU-SQ62

Company: : Shenzhen Zigxico Technology Co., Ltd

EUT : Smart Camera

Model Number : SQ62

Reviewed By : *Kevin Yang*

1. Conducted Power

1.1 Test Result

1.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Verdict
		Size	Offset		
QPSK	1850.7	1	0	25.99	Pass
			2	25.93	Pass
			5	25.95	Pass
		3	0	25.91	Pass
			2	25.94	Pass
			3	25.91	Pass
		6	0	25.89	Pass
	1880	1	0	24.96	Pass
			2	24.93	Pass
			5	24.89	Pass
		3	0	24.86	Pass
			2	24.91	Pass
			3	24.88	Pass
		6	0	24.85	Pass
	1909.3	1	0	24.01	Pass
			2	23.98	Pass
			5	24.01	Pass
		3	0	23.97	Pass
			2	23.94	Pass
			3	23.95	Pass
		6	0	23.92	Pass
16QAM	1850.7	1	0	25.93	Pass
			2	25.93	Pass
			5	25.92	Pass
		3	0	25.95	Pass
			2	25.91	Pass
			3	25.91	Pass
		6	0	25.88	Pass
	1880	1	0	24.86	Pass
			2	24.83	Pass
			5	24.81	Pass
		3	0	24.78	Pass
			2	24.80	Pass
			3	24.78	Pass
		6	0	24.76	Pass
	1909.3	1	0	23.90	Pass
			2	23.91	Pass
			5	23.89	Pass
		3	0	23.87	Pass
			2	23.92	Pass
			3	23.90	Pass
		6	0	23.88	Pass

1.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV				
Modulation	Frequency	RB Allocation	Conducted Power	Verdict

	(MHz)	Size	Offset	(dBm)	
QPSK	1851.5	1	0	25.77	Pass
			7	25.77	Pass
			14	25.74	Pass
		8	0	24.79	Pass
			4	24.83	Pass
			7	24.81	Pass
		15	0	24.79	Pass
	1880	1	0	25.88	Pass
			7	25.90	Pass
			14	25.85	Pass
		8	0	24.75	Pass
			4	24.69	Pass
			7	24.73	Pass
		15	0	24.68	Pass
	1908.5	1	0	25.13	Pass
			7	24.91	Pass
			14	24.54	Pass
		8	0	23.96	Pass
			4	23.90	Pass
			7	23.87	Pass
		15	0	23.91	Pass
16QAM	1851.5	1	0	25.13	Pass
			7	25.18	Pass
			14	25.19	Pass
		8	0	23.97	Pass
			4	24.00	Pass
			7	24.02	Pass
		15	0	23.90	Pass
	1880	1	0	24.74	Pass
			7	24.72	Pass
			14	24.72	Pass
		8	0	23.93	Pass
			4	23.98	Pass
			7	24.00	Pass
		15	0	23.96	Pass
	1908.5	1	0	24.20	Pass
			7	24.10	Pass
			14	23.78	Pass
		8	0	23.19	Pass
			4	23.15	Pass
			7	23.03	Pass
		15	0	23.14	Pass

1.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Verdict
		Size	Offset		
QPSK	1852.5	1	0	25.89	Pass
			13	25.86	Pass
			24	25.79	Pass
		12	0	24.75	Pass
			6	24.84	Pass
			13	24.80	Pass
		25	0	24.81	Pass
	1880	1	0	25.94	Pass

			13	25.91	Pass
			24	25.93	Pass
			0	24.65	Pass
		12	6	24.75	Pass
			13	24.70	Pass
		25	0	24.64	Pass
	1907.5	1	0	25.51	Pass
			13	25.10	Pass
			24	24.72	Pass
		12	0	24.22	Pass
			6	24.09	Pass
			13	23.88	Pass
		25	0	23.98	Pass
16QAM	1852.5	1	0	24.76	Pass
			13	24.67	Pass
			24	24.64	Pass
		12	0	23.85	Pass
			6	23.97	Pass
			13	23.94	Pass
		25	0	23.95	Pass
	1880	1	0	24.83	Pass
			13	24.85	Pass
			24	24.96	Pass
		12	0	23.87	Pass
			6	23.90	Pass
			13	23.93	Pass
		25	0	23.90	Pass
	1907.5	1	0	24.69	Pass
			13	24.24	Pass
			24	24.00	Pass
		12	0	23.45	Pass
			6	23.33	Pass
			13	23.11	Pass
		25	0	23.20	Pass

1.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Verdict
		Size	Offset		
QPSK	1855	1	0	25.82	Pass
			25	25.65	Pass
			49	25.49	Pass
		25	0	24.52	Pass
			13	24.47	Pass
			25	24.35	Pass
		50	0	24.39	Pass
	1880	1	0	25.70	Pass
			25	25.78	Pass
			49	25.82	Pass
		25	0	24.30	Pass
			13	24.52	Pass
			25	24.52	Pass
		50	0	24.44	Pass
	1905	1	0	25.25	Pass
			25	25.33	Pass
			49	24.60	Pass

		25	0	24.02	Pass
			13	24.11	Pass
			25	23.80	Pass
		50	0	23.88	Pass
16QAM	1855	1	0	25.23	Pass
			25	24.98	Pass
			49	24.94	Pass
		12	0	24.69	Pass
			19	24.52	Pass
			38	24.50	Pass
		27	0	23.55	Pass
	1880	1	0	24.56	Pass
			25	24.53	Pass
			49	24.78	Pass
		12	0	24.55	Pass
			19	24.58	Pass
			38	24.75	Pass
		27	0	23.53	Pass
	1905	1	0	24.32	Pass
			25	24.37	Pass
			49	23.90	Pass
		12	0	24.14	Pass
			19	24.19	Pass
			38	23.80	Pass
		27	23	23.09	Pass

1.1.5 B2_15MHz

Band: 2 / Bandwidth: 15MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Verdict
		Size	Offset		
QPSK	1857.5	1	0	25.87	Pass
			38	25.69	Pass
			74	25.40	Pass
		36	0	24.62	Pass
			18	24.60	Pass
			39	24.30	Pass
		75	0	24.46	Pass
	1880	1	0	25.72	Pass
			38	25.88	Pass
			74	25.69	Pass
		36	0	24.51	Pass
			18	24.71	Pass
			39	24.76	Pass
		75	0	24.57	Pass
	1902.5	1	0	25.52	Pass
			38	25.57	Pass
			74	24.96	Pass
		36	0	24.15	Pass
			18	24.30	Pass
			39	24.26	Pass
		75	0	24.23	Pass
16QAM	1857.5	1	0	25.02	Pass
			38	24.85	Pass
			74	24.63	Pass
		12	0	24.56	Pass
			31	24.53	Pass

		27	63	24.13	Pass
			0	23.77	Pass
	1880	1	0	24.88	Pass
			38	25.00	Pass
			74	24.94	Pass
		12	0	24.32	Pass
			31	24.66	Pass
			63	24.57	Pass
		27	0	23.66	Pass
	1902.5	1	0	24.59	Pass
			38	24.74	Pass
			74	24.25	Pass
		12	0	24.02	Pass
			31	24.26	Pass
			63	23.76	Pass
		27	48	23.33	Pass

1.1.6 B2_20MHz

Band: 2 / Bandwidth: 20MHz / NTNv					
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Verdict
		Size	Offset		
QPSK	1860	1	0	25.79	Pass
			50	25.51	Pass
			99	25.39	Pass
		50	0	24.47	Pass
			25	24.35	Pass
			50	24.10	Pass
		100	0	24.25	Pass
	1880	1	0	25.61	Pass
			50	25.91	Pass
			99	25.73	Pass
		50	0	24.48	Pass
			25	24.73	Pass
			50	24.66	Pass
		100	0	24.59	Pass
	1900	1	0	25.68	Pass
			50	25.42	Pass
			99	24.89	Pass
		50	0	24.13	Pass
			25	24.21	Pass
			50	24.17	Pass
		100	0	24.07	Pass
16QAM	1860	1	0	25.17	Pass
			50	24.84	Pass
			99	24.84	Pass
		12	0	24.58	Pass
			44	24.43	Pass
			88	24.22	Pass
		27	0	23.66	Pass
	1880	1	0	24.68	Pass
			50	24.94	Pass
			99	24.87	Pass
		12	0	24.33	Pass
			44	24.74	Pass
			88	24.41	Pass
		27	0	23.44	Pass

	1900	1	0	24.64	Pass
			50	24.39	Pass
			99	24.10	Pass
		12	0	24.21	Pass
			44	24.13	Pass
			88	23.74	Pass
		27	73	23.19	Pass

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	
QPSK	1850.7	6	0	20	3.27	20.757	0.0112	-2.5 to 2.5	Pass
					3.85	19.584	0.0106	-2.5 to 2.5	Pass
					4.43	20.099	0.0109	-2.5 to 2.5	Pass
				-30	3.85	20.599	0.0111	-2.5 to 2.5	Pass
				-20	3.85	21.772	0.0118	-2.5 to 2.5	Pass
				-10	3.85	21.658	0.0117	-2.5 to 2.5	Pass
				0	3.85	18.525	0.0100	-2.5 to 2.5	Pass
				10	3.85	20.943	0.0113	-2.5 to 2.5	Pass
				30	3.85	21.043	0.0114	-2.5 to 2.5	Pass
				40	3.85	24.061	0.0130	-2.5 to 2.5	Pass
				50	3.85	21.043	0.0114	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	22.502	0.0120	-2.5 to 2.5	Pass
					3.85	21.858	0.0116	-2.5 to 2.5	Pass
					4.43	19.369	0.0103	-2.5 to 2.5	Pass
				-30	3.85	23.704	0.0126	-2.5 to 2.5	Pass
				-20	3.85	17.495	0.0093	-2.5 to 2.5	Pass
				-10	3.85	19.083	0.0102	-2.5 to 2.5	Pass
				0	3.85	19.856	0.0106	-2.5 to 2.5	Pass
				10	3.85	14.992	0.0080	-2.5 to 2.5	Pass
				30	3.85	15.020	0.0080	-2.5 to 2.5	Pass
				40	3.85	15.178	0.0081	-2.5 to 2.5	Pass
				50	3.85	20.442	0.0109	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	18.482	0.0097	-2.5 to 2.5	Pass
					3.85	17.724	0.0093	-2.5 to 2.5	Pass
					4.43	18.096	0.0095	-2.5 to 2.5	Pass
				-30	3.85	17.939	0.0094	-2.5 to 2.5	Pass
				-20	3.85	18.883	0.0099	-2.5 to 2.5	Pass
				-10	3.85	20.013	0.0105	-2.5 to 2.5	Pass
				0	3.85	19.913	0.0104	-2.5 to 2.5	Pass
				10	3.85	18.382	0.0096	-2.5 to 2.5	Pass
				30	3.85	18.039	0.0094	-2.5 to 2.5	Pass
				40	3.85	20.685	0.0108	-2.5 to 2.5	Pass
				50	3.85	19.012	0.0100	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	19.698	0.0106	-2.5 to 2.5	Pass
					3.85	15.821	0.0085	-2.5 to 2.5	Pass
					4.43	15.664	0.0085	-2.5 to 2.5	Pass
				-30	3.85	26.050	0.0141	-2.5 to 2.5	Pass
				-20	3.85	22.602	0.0122	-2.5 to 2.5	Pass
				-10	3.85	15.607	0.0084	-2.5 to 2.5	Pass
				0	3.85	19.698	0.0106	-2.5 to 2.5	Pass
				10	3.85	14.834	0.0080	-2.5 to 2.5	Pass
				30	3.85	24.204	0.0131	-2.5 to 2.5	Pass
				40	3.85	20.671	0.0112	-2.5 to 2.5	Pass
				50	3.85	19.870	0.0107	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	0.501	0.0003	-2.5 to 2.5	Pass
					3.85	10.729	0.0057	-2.5 to 2.5	Pass
					4.43	22.302	0.0119	-2.5 to 2.5	Pass
				-30	3.85	-9.184	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-15.650	-0.0083	-2.5 to 2.5	Pass

				-10	3.85	14.577	0.0078	-2.5 to 2.5	Pass
				0	3.85	20.700	0.0110	-2.5 to 2.5	Pass
				10	3.85	16.236	0.0086	-2.5 to 2.5	Pass
				30	3.85	12.946	0.0069	-2.5 to 2.5	Pass
				40	3.85	12.331	0.0066	-2.5 to 2.5	Pass
				50	3.85	22.345	0.0119	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	19.956	0.0105	-2.5 to 2.5	Pass
					3.85	20.156	0.0106	-2.5 to 2.5	Pass
					4.43	19.398	0.0102	-2.5 to 2.5	Pass
				-30	3.85	20.986	0.0110	-2.5 to 2.5	Pass
				-20	3.85	19.913	0.0104	-2.5 to 2.5	Pass
				-10	3.85	21.472	0.0112	-2.5 to 2.5	Pass
				0	3.85	20.728	0.0109	-2.5 to 2.5	Pass
				10	3.85	15.349	0.0080	-2.5 to 2.5	Pass
				30	3.85	20.828	0.0109	-2.5 to 2.5	Pass
				40	3.85	22.216	0.0116	-2.5 to 2.5	Pass
				50	3.85	14.648	0.0077	-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	
QPSK	1851.5	15	0	20	3.27	26.464	0.0143	-2.5 to 2.5	Pass
					3.85	23.975	0.0129	-2.5 to 2.5	Pass
					4.43	20.843	0.0113	-2.5 to 2.5	Pass
				-30	3.85	22.359	0.0121	-2.5 to 2.5	Pass
				-20	3.85	22.345	0.0121	-2.5 to 2.5	Pass
				-10	3.85	20.056	0.0108	-2.5 to 2.5	Pass
				0	3.85	21.701	0.0117	-2.5 to 2.5	Pass
				10	3.85	21.300	0.0115	-2.5 to 2.5	Pass
				30	3.85	21.172	0.0114	-2.5 to 2.5	Pass
				40	3.85	22.602	0.0122	-2.5 to 2.5	Pass
				50	3.85	18.954	0.0102	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	20.828	0.0111	-2.5 to 2.5	Pass
					3.85	20.027	0.0107	-2.5 to 2.5	Pass
					4.43	19.541	0.0104	-2.5 to 2.5	Pass
				-30	3.85	21.687	0.0115	-2.5 to 2.5	Pass
				-20	3.85	17.996	0.0096	-2.5 to 2.5	Pass
				-10	3.85	19.255	0.0102	-2.5 to 2.5	Pass
				0	3.85	19.512	0.0104	-2.5 to 2.5	Pass
				10	3.85	22.674	0.0121	-2.5 to 2.5	Pass
				30	3.85	14.877	0.0079	-2.5 to 2.5	Pass
				40	3.85	17.381	0.0092	-2.5 to 2.5	Pass
				50	3.85	19.197	0.0102	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	22.173	0.0116	-2.5 to 2.5	Pass
					3.85	20.528	0.0108	-2.5 to 2.5	Pass
					4.43	19.040	0.0100	-2.5 to 2.5	Pass
				-30	3.85	19.212	0.0101	-2.5 to 2.5	Pass
				-20	3.85	20.485	0.0107	-2.5 to 2.5	Pass
				-10	3.85	18.382	0.0096	-2.5 to 2.5	Pass
				0	3.85	19.970	0.0105	-2.5 to 2.5	Pass
				10	3.85	19.183	0.0101	-2.5 to 2.5	Pass
				30	3.85	21.629	0.0113	-2.5 to 2.5	Pass
				40	3.85	17.581	0.0092	-2.5 to 2.5	Pass
				50	3.85	16.851	0.0088	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	24.862	0.0134	-2.5 to 2.5	Pass

					3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
					4.43	18.911	0.0102	-2.5 to 2.5	Pass
				-30	3.85	14.391	0.0078	-2.5 to 2.5	Pass
				-20	3.85	24.147	0.0130	-2.5 to 2.5	Pass
				-10	3.85	16.909	0.0091	-2.5 to 2.5	Pass
				0	3.85	18.053	0.0098	-2.5 to 2.5	Pass
				10	3.85	21.372	0.0115	-2.5 to 2.5	Pass
				30	3.85	16.479	0.0089	-2.5 to 2.5	Pass
				40	3.85	20.156	0.0109	-2.5 to 2.5	Pass
				50	3.85	13.719	0.0074	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-21.143	-0.0112	-2.5 to 2.5	Pass
					3.85	-24.376	-0.0130	-2.5 to 2.5	Pass
					4.43	-3.719	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	21.644	0.0115	-2.5 to 2.5	Pass
				-20	3.85	16.222	0.0086	-2.5 to 2.5	Pass
				-10	3.85	14.248	0.0076	-2.5 to 2.5	Pass
				0	3.85	23.232	0.0124	-2.5 to 2.5	Pass
				10	3.85	22.316	0.0119	-2.5 to 2.5	Pass
				30	3.85	15.850	0.0084	-2.5 to 2.5	Pass
				40	3.85	23.561	0.0125	-2.5 to 2.5	Pass
				50	3.85	-13.504	-0.0072	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-7.324	-0.0038	-2.5 to 2.5	Pass
					3.85	-17.967	-0.0094	-2.5 to 2.5	Pass
					4.43	-9.985	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-27.838	-0.0146	-2.5 to 2.5	Pass
				-20	3.85	20.514	0.0107	-2.5 to 2.5	Pass
				-10	3.85	-6.123	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-14.720	-0.0077	-2.5 to 2.5	Pass
				10	3.85	10.829	0.0057	-2.5 to 2.5	Pass
				30	3.85	19.813	0.0104	-2.5 to 2.5	Pass
				40	3.85	-4.091	-0.0021	-2.5 to 2.5	Pass
				50	3.85	1.373	0.0007	-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	
QPSK	1852.5	25	0	20	3.27	24.977	0.0135	-2.5 to 2.5	Pass
					3.85	24.462	0.0132	-2.5 to 2.5	Pass
					4.43	20.657	0.0112	-2.5 to 2.5	Pass
				-30	3.85	21.200	0.0114	-2.5 to 2.5	Pass
				-20	3.85	19.870	0.0107	-2.5 to 2.5	Pass
				-10	3.85	19.484	0.0105	-2.5 to 2.5	Pass
				0	3.85	18.268	0.0099	-2.5 to 2.5	Pass
				10	3.85	19.670	0.0106	-2.5 to 2.5	Pass
				30	3.85	18.339	0.0099	-2.5 to 2.5	Pass
				40	3.85	19.569	0.0106	-2.5 to 2.5	Pass
				50	3.85	18.625	0.0101	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	21.229	0.0113	-2.5 to 2.5	Pass
					3.85	18.024	0.0096	-2.5 to 2.5	Pass
					4.43	18.697	0.0099	-2.5 to 2.5	Pass
				-30	3.85	19.040	0.0101	-2.5 to 2.5	Pass
				-20	3.85	23.375	0.0124	-2.5 to 2.5	Pass
				-10	3.85	18.411	0.0098	-2.5 to 2.5	Pass
				0	3.85	13.833	0.0074	-2.5 to 2.5	Pass
				10	3.85	19.240	0.0102	-2.5 to 2.5	Pass

				30	3.85	17.552	0.0093	-2.5 to 2.5	Pass
				40	3.85	19.913	0.0106	-2.5 to 2.5	Pass
				50	3.85	18.668	0.0099	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	20.700	0.0109	-2.5 to 2.5	Pass
					3.85	21.286	0.0112	-2.5 to 2.5	Pass
					4.43	21.729	0.0114	-2.5 to 2.5	Pass
				-30	3.85	21.715	0.0114	-2.5 to 2.5	Pass
				-20	3.85	20.614	0.0108	-2.5 to 2.5	Pass
				-10	3.85	21.100	0.0111	-2.5 to 2.5	Pass
				0	3.85	17.281	0.0091	-2.5 to 2.5	Pass
				10	3.85	18.897	0.0099	-2.5 to 2.5	Pass
				30	3.85	19.898	0.0104	-2.5 to 2.5	Pass
				40	3.85	16.494	0.0086	-2.5 to 2.5	Pass
				50	3.85	20.957	0.0110	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	12.846	0.0069	-2.5 to 2.5	Pass
					3.85	-20.556	-0.0111	-2.5 to 2.5	Pass
					4.43	-23.575	-0.0127	-2.5 to 2.5	Pass
				-30	3.85	-21.043	-0.0114	-2.5 to 2.5	Pass
				-20	3.85	-27.137	-0.0146	-2.5 to 2.5	Pass
				-10	3.85	17.223	0.0093	-2.5 to 2.5	Pass
				0	3.85	5.736	0.0031	-2.5 to 2.5	Pass
				10	3.85	18.868	0.0102	-2.5 to 2.5	Pass
				30	3.85	18.754	0.0101	-2.5 to 2.5	Pass
				40	3.85	18.296	0.0099	-2.5 to 2.5	Pass
				50	3.85	-12.116	-0.0065	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-18.296	-0.0097	-2.5 to 2.5	Pass
					3.85	-18.411	-0.0098	-2.5 to 2.5	Pass
					4.43	-22.588	-0.0120	-2.5 to 2.5	Pass
				-30	3.85	-19.455	-0.0103	-2.5 to 2.5	Pass
				-20	3.85	-14.520	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	-21.157	-0.0113	-2.5 to 2.5	Pass
				0	3.85	17.939	0.0095	-2.5 to 2.5	Pass
				10	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				30	3.85	-19.627	-0.0104	-2.5 to 2.5	Pass
				40	3.85	19.984	0.0106	-2.5 to 2.5	Pass
				50	3.85	15.407	0.0082	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	13.375	0.0070	-2.5 to 2.5	Pass
					3.85	-20.428	-0.0107	-2.5 to 2.5	Pass
					4.43	-21.229	-0.0111	-2.5 to 2.5	Pass
				-30	3.85	12.259	0.0064	-2.5 to 2.5	Pass
				-20	3.85	-15.993	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	6.895	0.0036	-2.5 to 2.5	Pass
				0	3.85	17.009	0.0089	-2.5 to 2.5	Pass
				10	3.85	19.126	0.0100	-2.5 to 2.5	Pass
				30	3.85	19.813	0.0104	-2.5 to 2.5	Pass
				40	3.85	21.901	0.0115	-2.5 to 2.5	Pass
				50	3.85	19.770	0.0104	-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	
QPSK	1855	50	0	20	3.27	21.772	0.0117	-2.5 to 2.5	Pass
					3.85	21.358	0.0115	-2.5 to 2.5	Pass
					4.43	19.727	0.0106	-2.5 to 2.5	Pass
				-30	3.85	20.900	0.0113	-2.5 to 2.5	Pass

				-20	3.85	18.840	0.0102	-2.5 to 2.5	Pass
				-10	3.85	20.242	0.0109	-2.5 to 2.5	Pass
				0	3.85	18.468	0.0100	-2.5 to 2.5	Pass
				10	3.85	15.979	0.0086	-2.5 to 2.5	Pass
				30	3.85	18.239	0.0098	-2.5 to 2.5	Pass
				40	3.85	16.508	0.0089	-2.5 to 2.5	Pass
				50	3.85	17.467	0.0094	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	23.189	0.0123	-2.5 to 2.5	Pass
					3.85	21.257	0.0113	-2.5 to 2.5	Pass
					4.43	21.887	0.0116	-2.5 to 2.5	Pass
				-30	3.85	17.896	0.0095	-2.5 to 2.5	Pass
				-20	3.85	20.256	0.0108	-2.5 to 2.5	Pass
				-10	3.85	18.153	0.0097	-2.5 to 2.5	Pass
				0	3.85	20.256	0.0108	-2.5 to 2.5	Pass
				10	3.85	17.381	0.0092	-2.5 to 2.5	Pass
				30	3.85	19.369	0.0103	-2.5 to 2.5	Pass
				40	3.85	18.525	0.0099	-2.5 to 2.5	Pass
				50	3.85	19.169	0.0102	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	20.814	0.0109	-2.5 to 2.5	Pass
					3.85	19.970	0.0105	-2.5 to 2.5	Pass
					4.43	20.943	0.0110	-2.5 to 2.5	Pass
				-30	3.85	19.541	0.0103	-2.5 to 2.5	Pass
				-20	3.85	17.123	0.0090	-2.5 to 2.5	Pass
				-10	3.85	16.379	0.0086	-2.5 to 2.5	Pass
				0	3.85	17.323	0.0091	-2.5 to 2.5	Pass
				10	3.85	17.581	0.0092	-2.5 to 2.5	Pass
				30	3.85	-10.085	-0.0053	-2.5 to 2.5	Pass
				40	3.85	20.628	0.0108	-2.5 to 2.5	Pass
				50	3.85	6.194	0.0033	-2.5 to 2.5	Pass
16QAM	1855	27	0	20	3.27	4.950	0.0027	-2.5 to 2.5	Pass
					3.85	-18.811	-0.0101	-2.5 to 2.5	Pass
					4.43	-23.203	-0.0125	-2.5 to 2.5	Pass
				-30	3.85	-20.113	-0.0108	-2.5 to 2.5	Pass
				-20	3.85	-20.070	-0.0108	-2.5 to 2.5	Pass
				-10	3.85	-14.391	-0.0078	-2.5 to 2.5	Pass
				0	3.85	-8.354	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-8.540	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-23.260	-0.0125	-2.5 to 2.5	Pass
				40	3.85	-14.191	-0.0077	-2.5 to 2.5	Pass
				50	3.85	13.933	0.0075	-2.5 to 2.5	Pass
	1880	27	0	20	3.27	12.431	0.0066	-2.5 to 2.5	Pass
					3.85	-19.941	-0.0106	-2.5 to 2.5	Pass
					4.43	-21.529	-0.0115	-2.5 to 2.5	Pass
				-30	3.85	-20.485	-0.0109	-2.5 to 2.5	Pass
				-20	3.85	-5.322	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-1.402	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-7.811	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-16.150	-0.0086	-2.5 to 2.5	Pass
				30	3.85	-16.308	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-20.256	-0.0108	-2.5 to 2.5	Pass
				50	3.85	-12.918	-0.0069	-2.5 to 2.5	Pass
	1905	27	23	20	3.27	-9.913	-0.0052	-2.5 to 2.5	Pass
					3.85	-18.668	-0.0098	-2.5 to 2.5	Pass
					4.43	-16.980	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-19.641	-0.0103	-2.5 to 2.5	Pass
				-20	3.85	-11.501	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-20.299	-0.0107	-2.5 to 2.5	Pass
				0	3.85	-16.150	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-8.769	-0.0046	-2.5 to 2.5	Pass

				30	3.85	-21.358	-0.0112	-2.5 to 2.5	Pass
				40	3.85	-24.533	-0.0129	-2.5 to 2.5	Pass
				50	3.85	-16.794	-0.0088	-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	
QPSK	1857.5	75	0	20	3.27	24.319	0.0131	-2.5 to 2.5	Pass
					3.85	20.270	0.0109	-2.5 to 2.5	Pass
					4.43	19.770	0.0106	-2.5 to 2.5	Pass
				-30	3.85	18.582	0.0100	-2.5 to 2.5	Pass
				-20	3.85	22.874	0.0123	-2.5 to 2.5	Pass
				-10	3.85	18.840	0.0101	-2.5 to 2.5	Pass
				0	3.85	18.482	0.0099	-2.5 to 2.5	Pass
				10	3.85	20.313	0.0109	-2.5 to 2.5	Pass
				30	3.85	20.700	0.0111	-2.5 to 2.5	Pass
				40	3.85	21.529	0.0116	-2.5 to 2.5	Pass
				50	3.85	21.157	0.0114	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	23.074	0.0123	-2.5 to 2.5	Pass
					3.85	19.398	0.0103	-2.5 to 2.5	Pass
					4.43	14.420	0.0077	-2.5 to 2.5	Pass
				-30	3.85	21.129	0.0112	-2.5 to 2.5	Pass
				-20	3.85	19.412	0.0103	-2.5 to 2.5	Pass
				-10	3.85	15.492	0.0082	-2.5 to 2.5	Pass
				0	3.85	20.013	0.0106	-2.5 to 2.5	Pass
				10	3.85	18.754	0.0100	-2.5 to 2.5	Pass
				30	3.85	20.585	0.0109	-2.5 to 2.5	Pass
				40	3.85	15.793	0.0084	-2.5 to 2.5	Pass
				50	3.85	18.926	0.0101	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	25.449	0.0134	-2.5 to 2.5	Pass
					3.85	21.615	0.0114	-2.5 to 2.5	Pass
					4.43	19.698	0.0104	-2.5 to 2.5	Pass
				-30	3.85	18.024	0.0095	-2.5 to 2.5	Pass
				-20	3.85	23.088	0.0121	-2.5 to 2.5	Pass
				-10	3.85	20.456	0.0108	-2.5 to 2.5	Pass
				0	3.85	18.511	0.0097	-2.5 to 2.5	Pass
				10	3.85	21.400	0.0112	-2.5 to 2.5	Pass
				30	3.85	21.844	0.0115	-2.5 to 2.5	Pass
				40	3.85	19.040	0.0100	-2.5 to 2.5	Pass
				50	3.85	20.542	0.0108	-2.5 to 2.5	Pass
16QAM	1857.5	27	0	20	3.27	-18.697	-0.0101	-2.5 to 2.5	Pass
					3.85	-21.000	-0.0113	-2.5 to 2.5	Pass
					4.43	-22.058	-0.0119	-2.5 to 2.5	Pass
				-30	3.85	-24.376	-0.0131	-2.5 to 2.5	Pass
				-20	3.85	8.411	0.0045	-2.5 to 2.5	Pass
				-10	3.85	-11.787	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-22.745	-0.0122	-2.5 to 2.5	Pass
				10	3.85	-18.053	-0.0097	-2.5 to 2.5	Pass
				30	3.85	-21.701	-0.0117	-2.5 to 2.5	Pass
				40	3.85	-1.574	-0.0008	-2.5 to 2.5	Pass
				50	3.85	21.143	0.0114	-2.5 to 2.5	Pass
	1880	27	0	20	3.27	11.973	0.0064	-2.5 to 2.5	Pass
					3.85	5.307	0.0028	-2.5 to 2.5	Pass
					4.43	-10.672	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-23.518	-0.0125	-2.5 to 2.5	Pass

				-20	3.85	-13.933	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	18.840	0.0100	-2.5 to 2.5	Pass
				0	3.85	19.484	0.0104	-2.5 to 2.5	Pass
				10	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				30	3.85	11.244	0.0060	-2.5 to 2.5	Pass
				40	3.85	-18.840	-0.0100	-2.5 to 2.5	Pass
				50	3.85	-15.507	-0.0082	-2.5 to 2.5	Pass
	1902.5	27	48	20	3.27	14.963	0.0079	-2.5 to 2.5	Pass
					3.85	19.212	0.0101	-2.5 to 2.5	Pass
					4.43	20.270	0.0107	-2.5 to 2.5	Pass
				-30	3.85	18.911	0.0099	-2.5 to 2.5	Pass
				-20	3.85	22.402	0.0118	-2.5 to 2.5	Pass
				-10	3.85	19.240	0.0101	-2.5 to 2.5	Pass
				0	3.85	22.087	0.0116	-2.5 to 2.5	Pass
				10	3.85	17.009	0.0089	-2.5 to 2.5	Pass
				30	3.85	18.082	0.0095	-2.5 to 2.5	Pass
				40	3.85	19.312	0.0102	-2.5 to 2.5	Pass
				50	3.85	15.221	0.0080	-2.5 to 2.5	Pass

2.1.6 B2_20MHz

Band: 2 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	23.718	0.0128	-2.5 to 2.5	Pass
					3.85	21.787	0.0117	-2.5 to 2.5	Pass
					4.43	18.711	0.0101	-2.5 to 2.5	Pass
				-30	3.85	20.943	0.0113	-2.5 to 2.5	Pass
				-20	3.85	19.598	0.0105	-2.5 to 2.5	Pass
				-10	3.85	19.784	0.0106	-2.5 to 2.5	Pass
				0	3.85	18.153	0.0098	-2.5 to 2.5	Pass
				10	3.85	20.242	0.0109	-2.5 to 2.5	Pass
				30	3.85	18.239	0.0098	-2.5 to 2.5	Pass
				40	3.85	16.623	0.0089	-2.5 to 2.5	Pass
				50	3.85	18.468	0.0099	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	21.987	0.0117	-2.5 to 2.5	Pass
					3.85	19.941	0.0106	-2.5 to 2.5	Pass
					4.43	19.026	0.0101	-2.5 to 2.5	Pass
				-30	3.85	19.484	0.0104	-2.5 to 2.5	Pass
				-20	3.85	20.556	0.0109	-2.5 to 2.5	Pass
				-10	3.85	19.870	0.0106	-2.5 to 2.5	Pass
				0	3.85	20.714	0.0110	-2.5 to 2.5	Pass
				10	3.85	22.116	0.0118	-2.5 to 2.5	Pass
				30	3.85	19.813	0.0105	-2.5 to 2.5	Pass
				40	3.85	19.455	0.0103	-2.5 to 2.5	Pass
				50	3.85	6.294	0.0033	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	24.405	0.0128	-2.5 to 2.5	Pass
					3.85	22.287	0.0117	-2.5 to 2.5	Pass
					4.43	19.083	0.0100	-2.5 to 2.5	Pass
				-30	3.85	18.053	0.0095	-2.5 to 2.5	Pass
				-20	3.85	17.796	0.0094	-2.5 to 2.5	Pass
				-10	3.85	20.499	0.0108	-2.5 to 2.5	Pass
				0	3.85	18.110	0.0095	-2.5 to 2.5	Pass
				10	3.85	16.208	0.0085	-2.5 to 2.5	Pass
				30	3.85	19.712	0.0104	-2.5 to 2.5	Pass
				40	3.85	20.013	0.0105	-2.5 to 2.5	Pass
				50	3.85	19.312	0.0102	-2.5 to 2.5	Pass

16QAM	1860	27	0	20	3.27	-11.959	-0.0064	-2.5 to 2.5	Pass
					3.85	-22.230	-0.0120	-2.5 to 2.5	Pass
					4.43	-22.359	-0.0120	-2.5 to 2.5	Pass
				-30	3.85	-14.148	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-4.535	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-1.001	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				10	3.85	15.292	0.0082	-2.5 to 2.5	Pass
				30	3.85	5.436	0.0029	-2.5 to 2.5	Pass
				40	3.85	12.002	0.0065	-2.5 to 2.5	Pass
				50	3.85	20.385	0.0110	-2.5 to 2.5	Pass
	1880	27	0	20	3.27	9.527	0.0051	-2.5 to 2.5	Pass
					3.85	-21.515	-0.0114	-2.5 to 2.5	Pass
					4.43	-19.441	-0.0103	-2.5 to 2.5	Pass
				-30	3.85	-9.127	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-15.235	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	11.702	0.0062	-2.5 to 2.5	Pass
				0	3.85	-9.742	-0.0052	-2.5 to 2.5	Pass
				10	3.85	5.164	0.0027	-2.5 to 2.5	Pass
				30	3.85	19.026	0.0101	-2.5 to 2.5	Pass
				40	3.85	3.934	0.0021	-2.5 to 2.5	Pass
				50	3.85	21.157	0.0113	-2.5 to 2.5	Pass
	1900	27	73	20	3.27	0.901	0.0005	-2.5 to 2.5	Pass
					3.85	-20.213	-0.0106	-2.5 to 2.5	Pass
					4.43	-7.467	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-21.572	-0.0114	-2.5 to 2.5	Pass
				-20	3.85	-19.569	-0.0103	-2.5 to 2.5	Pass
				-10	3.85	4.191	0.0022	-2.5 to 2.5	Pass
				0	3.85	18.296	0.0096	-2.5 to 2.5	Pass
				10	3.85	-19.183	-0.0101	-2.5 to 2.5	Pass
				30	3.85	-20.843	-0.0110	-2.5 to 2.5	Pass
				40	3.85	-13.189	-0.0069	-2.5 to 2.5	Pass
				50	3.85	-3.147	-0.0017	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	6	0	Refer To Test Graph		Pass
16QAM	1880	6	0	Refer To Test Graph		Pass

3.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	15	0	Refer To Test Graph		Pass
16QAM	1880	15	0	Refer To Test Graph		Pass

3.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	25	0	Refer To Test Graph		Pass
16QAM	1880	25	0	Refer To Test Graph		Pass

3.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	50	0	Refer To Test Graph		Pass
16QAM	1880	27	0	Refer To Test Graph		Pass

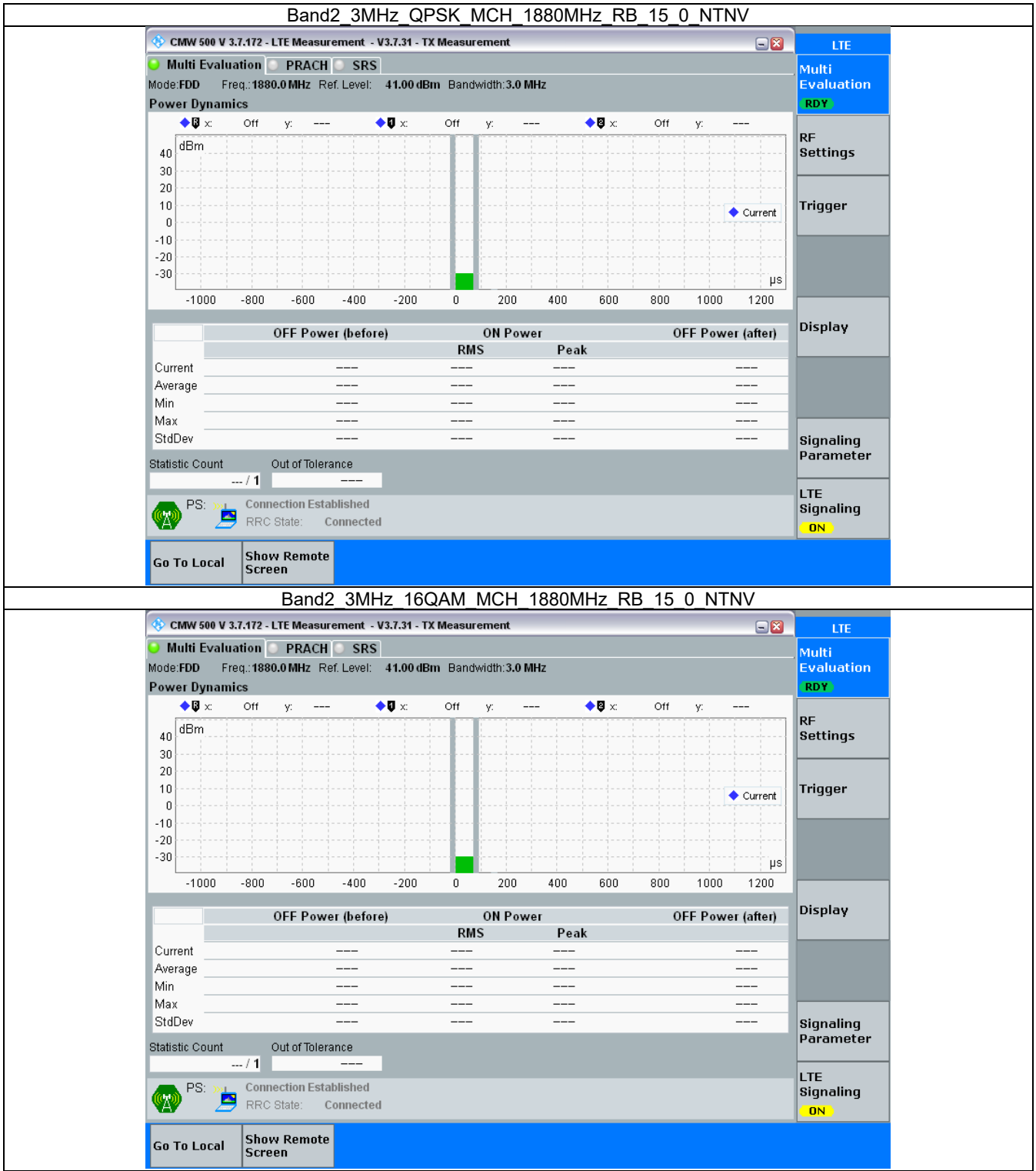
3.1.5 B2_15MHz

Band: 2 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	27	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

Band: 2 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	27	0	Refer To Test Graph		Pass

3.2.2 B2_3MHz



Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTNV

Mode: FDD Freq.: 1880.0 MHz Ref. Level: 41.00 dBm Bandwidth: 5.0 MHz

Power Dynamics

dBm

Current

OFF Power (before) ON Power OFF Power (after)

	OFF Power (before)	ON Power	OFF Power (after)
		RMS	Peak
Current	---	---	---
Average	---	---	---
Min	---	---	---
Max	---	---	---
StdDev	---	---	---

Statistic Count Out of Tolerance

--- / 1

PS: Connection Established RRC State: Connected

Go To Local Show Remote Screen

LTE

Multi Evaluation

RDY

RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling

ON

Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTNV

Mode: FDD Freq.: 1880.0 MHz Ref. Level: 41.00 dBm Bandwidth: 5.0 MHz

Power Dynamics

dBm

Current

OFF Power (before) ON Power OFF Power (after)

	OFF Power (before)	ON Power	OFF Power (after)
		RMS	Peak
Current	---	---	---
Average	---	---	---
Min	---	---	---
Max	---	---	---
StdDev	---	---	---

Statistic Count Out of Tolerance

--- / 1

PS: Connection Established RRC State: Connected

Go To Local Show Remote Screen

LTE

Multi Evaluation

RDY

RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling

ON

Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTNV

Band2 10MHz 16QAM MCH 1880MHz RB 27 0 NTNV

Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTNV

CMW 500 V 3.7.172 - LTE Measurement - V3.7.31 - TX Measurement

Multi Evaluation **PRACH** **SRS**

Mode: FDD Freq.: 1880.0 MHz Ref. Level: 41.00 dBm Bandwidth: 15.0 MHz

Power Dynamics

dBm

Off y: --- Off y: --- Off y: ---

Current

μs

	OFF Power (before)	ON Power		OFF Power (after)
		RMS	Peak	
Current	---	---	---	---
Average	---	---	---	---
Min	---	---	---	---
Max	---	---	---	---
StdDev	---	---	---	---

Statistic Count Out of Tolerance

--- / 1 ---

PS: Connection Established
RRC State: Connected

Go To Local **Show Remote Screen**

LTE

Multi Evaluation

RDY

RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling

ON

Band2 15MHz 16QAM MCH 1880MHz RB 27 0 NTNV

Band2 20MHz QPSK MCH 1880MHz RB 100 0 NTNv

CMW 500 V 3.7.172 - LTE Measurement - V3.7.31 - TX Measurement

Multi Evaluation PRACH SRS

Mode:FDD Freq.:1880.0MHz Ref. Level: 41.00 dBm Bandwidth:20.0 MHz

Power Dynamics

dBm

Off y: --- Off y: --- Off y: ---

Current

μs

	OFF Power (before)	ON Power		OFF Power (after)
		RMS	Peak	
Current	---	---	---	---
Average	---	---	---	---
Min	---	---	---	---
Max	---	---	---	---
StdDev	---	---	---	---

Statistic Count Out of Tolerance

--- / 1

PS: Connection Established

RRC State: Connected

Go To Local Show Remote Screen

LTE

Multi Evaluation RDY

RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling ON

4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band2_OBW

Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.121	/	Pass
		1880	6	0	1.110	/	Pass
		1909.3	6	0	1.110	/	Pass
	16QAM	1850.7	6	0	1.113	/	Pass
		1880	6	0	1.105	/	Pass
		1909.3	6	0	1.109	/	Pass
3	QPSK	1851.5	15	0	2.743	/	Pass
		1880	15	0	2.738	/	Pass
		1908.5	15	0	2.737	/	Pass
	16QAM	1851.5	15	0	2.732	/	Pass
		1880	15	0	2.733	/	Pass
		1908.5	15	0	2.731	/	Pass
5	QPSK	1852.5	25	0	4.554	/	Pass
		1880	25	0	4.534	/	Pass
		1907.5	25	0	4.546	/	Pass
	16QAM	1852.5	25	0	4.535	/	Pass
		1880	25	0	4.559	/	Pass
		1907.5	25	0	4.549	/	Pass
10	QPSK	1855	50	0	9.048	/	Pass
		1880	50	0	9.029	/	Pass
		1905	50	0	9.026	/	Pass
	16QAM	1855	27	0	5.048	/	Pass
		1880	27	0	5.049	/	Pass
		1905	27	23	5.049	/	Pass
15	QPSK	1857.5	75	0	13.561	/	Pass
		1880	75	0	13.565	/	Pass
		1902.5	75	0	13.552	/	Pass
	16QAM	1857.5	27	0	5.275	/	Pass
		1880	27	0	5.270	/	Pass
		1902.5	27	48	5.251	/	Pass
20	QPSK	1860	100	0	18.029	/	Pass
		1880	100	0	18.005	/	Pass
		1900	100	0	18.072	/	Pass
	16QAM	1860	27	0	5.478	/	Pass
		1880	27	0	5.439	/	Pass
		1900	27	73	5.474	/	Pass

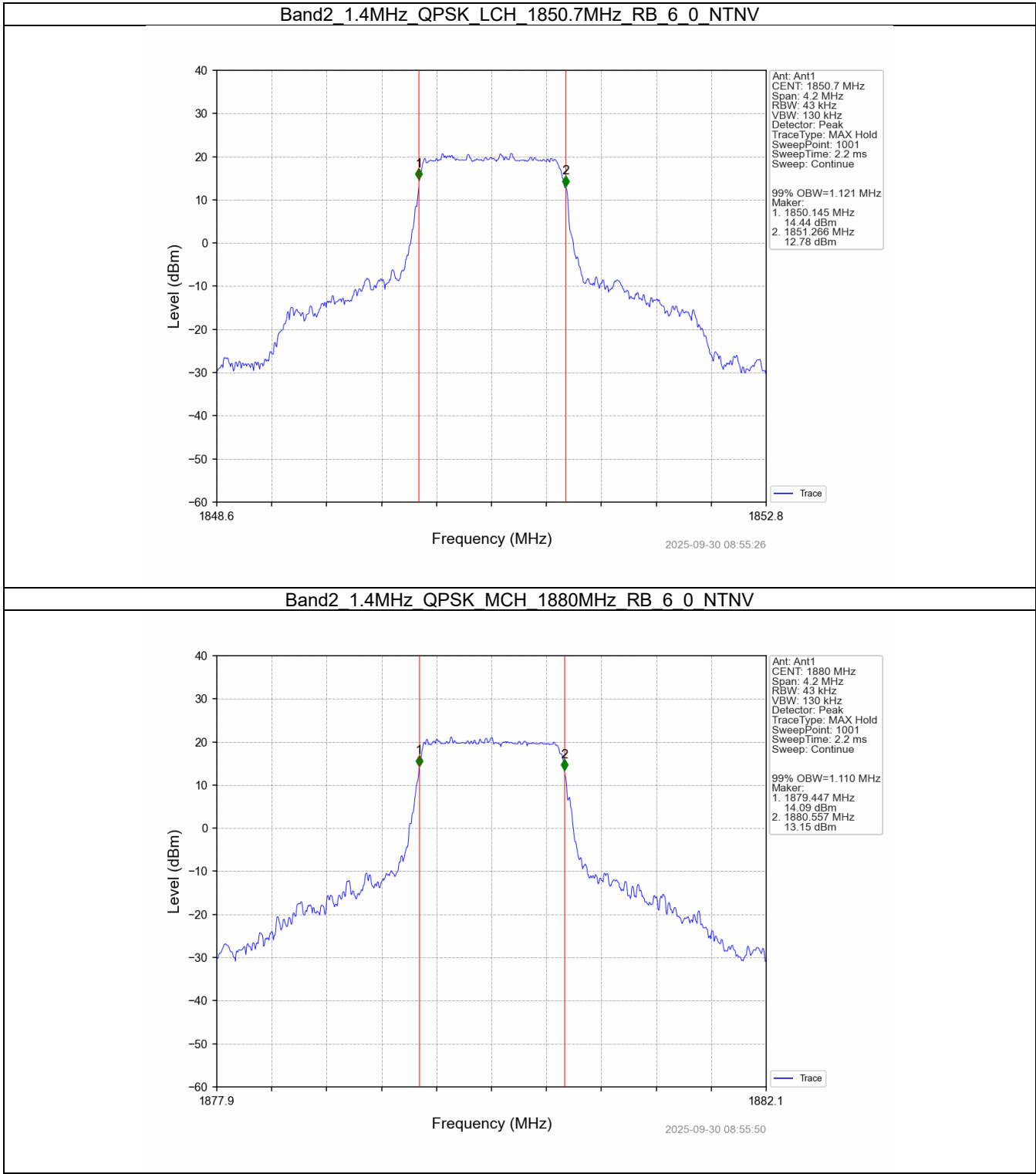
4.1.2 Band2_XDB

Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.332	/	Pass
		1880	6	0	1.307	/	Pass
		1909.3	6	0	1.339	/	Pass

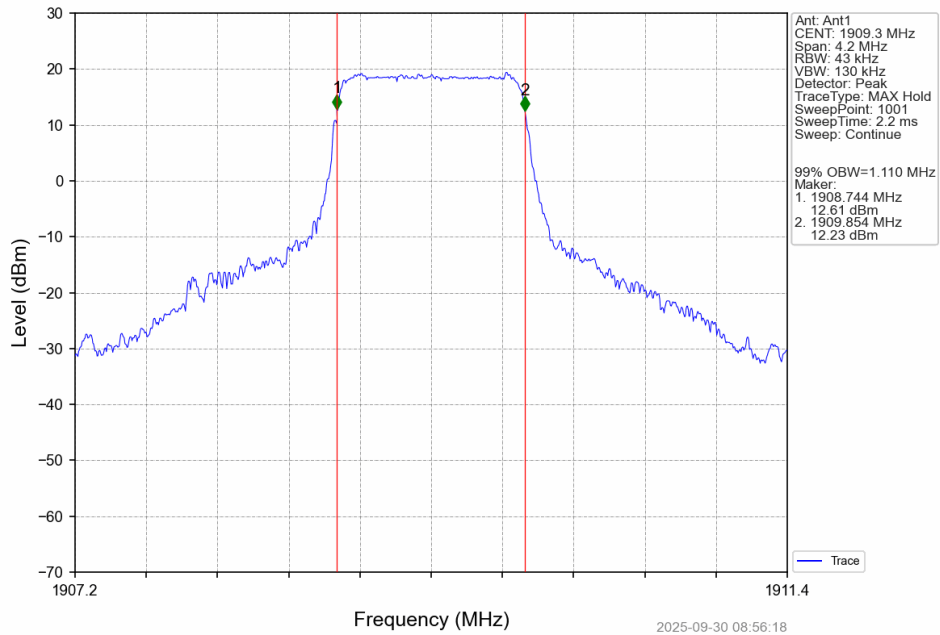
	16QAM	1850.7	6	0	1.320	/	Pass
		1880	6	0	1.302	/	Pass
		1909.3	6	0	1.309	/	Pass
3	QPSK	1851.5	15	0	3.049	/	Pass
		1880	15	0	3.017	/	Pass
		1908.5	15	0	3.025	/	Pass
	16QAM	1851.5	15	0	3.010	/	Pass
		1880	15	0	3.038	/	Pass
		1908.5	15	0	3.020	/	Pass
5	QPSK	1852.5	25	0	5.063	/	Pass
		1880	25	0	5.062	/	Pass
		1907.5	25	0	5.049	/	Pass
	16QAM	1852.5	25	0	5.033	/	Pass
		1880	25	0	5.064	/	Pass
		1907.5	25	0	5.048	/	Pass
10	QPSK	1855	50	0	9.958	/	Pass
		1880	50	0	9.901	/	Pass
		1905	50	0	9.856	/	Pass
	16QAM	1855	27	0	5.833	/	Pass
		1880	27	0	5.787	/	Pass
		1905	27	23	5.743	/	Pass
15	QPSK	1857.5	75	0	14.761	/	Pass
		1880	75	0	14.804	/	Pass
		1902.5	75	0	14.818	/	Pass
	16QAM	1857.5	27	0	6.423	/	Pass
		1880	27	0	6.147	/	Pass
		1902.5	27	48	6.208	/	Pass
20	QPSK	1860	100	0	19.468	/	Pass
		1880	100	0	19.451	/	Pass
		1900	100	0	19.425	/	Pass
	16QAM	1860	27	0	7.244	/	Pass
		1880	27	0	6.449	/	Pass
		1900	27	73	6.639	/	Pass

4.2 Test Graph

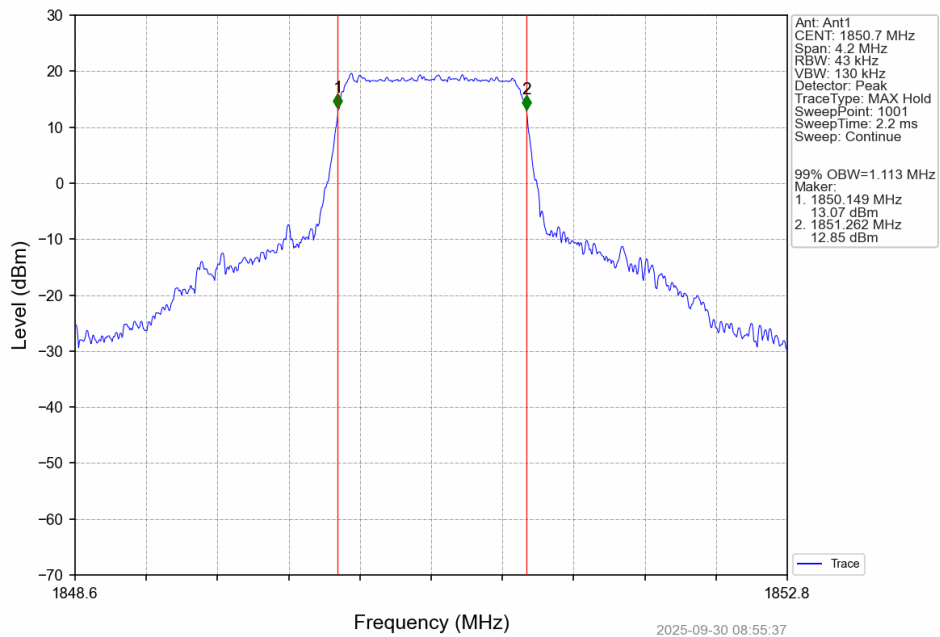
4.2.1 Band2_OBW



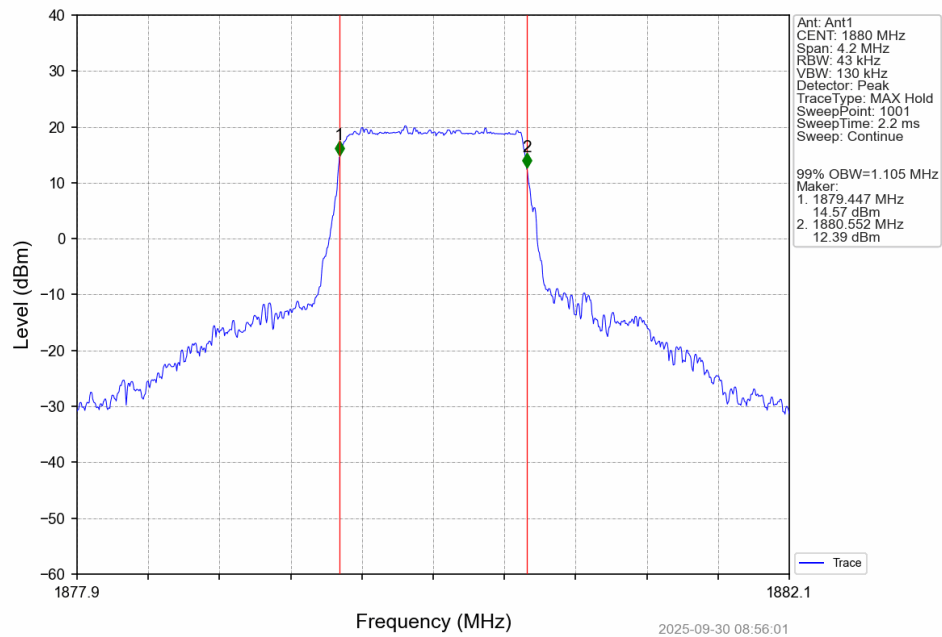
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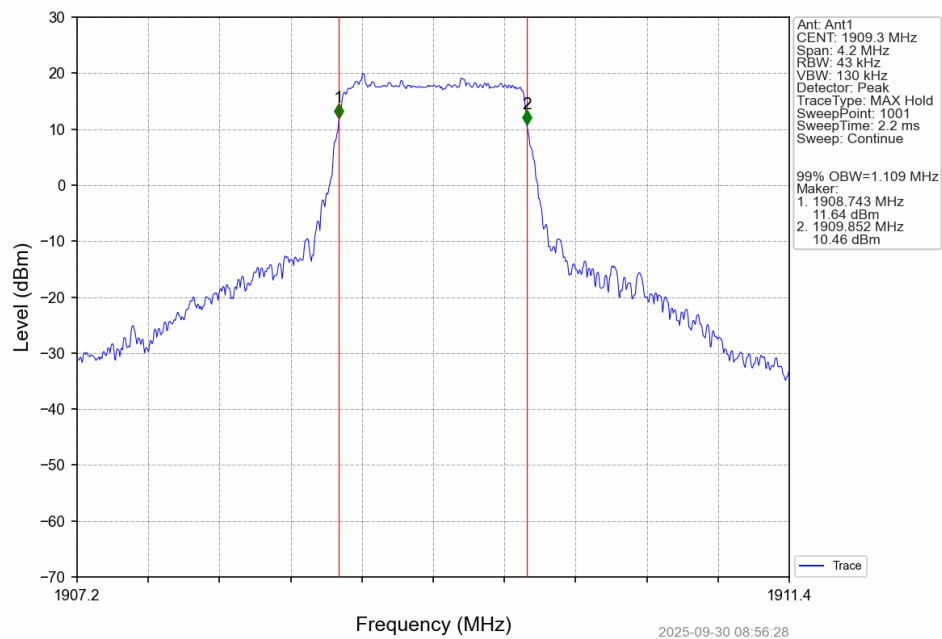
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



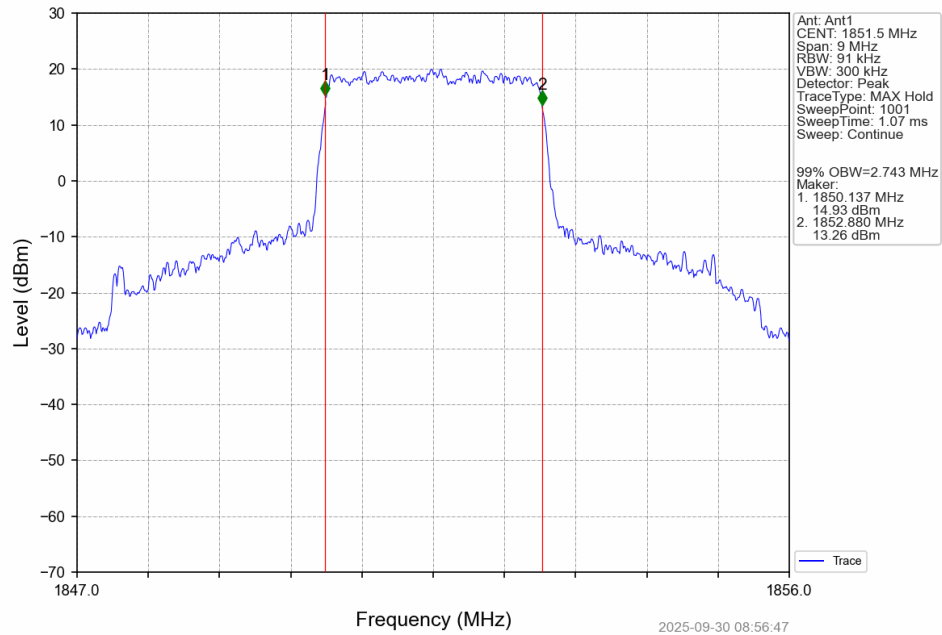
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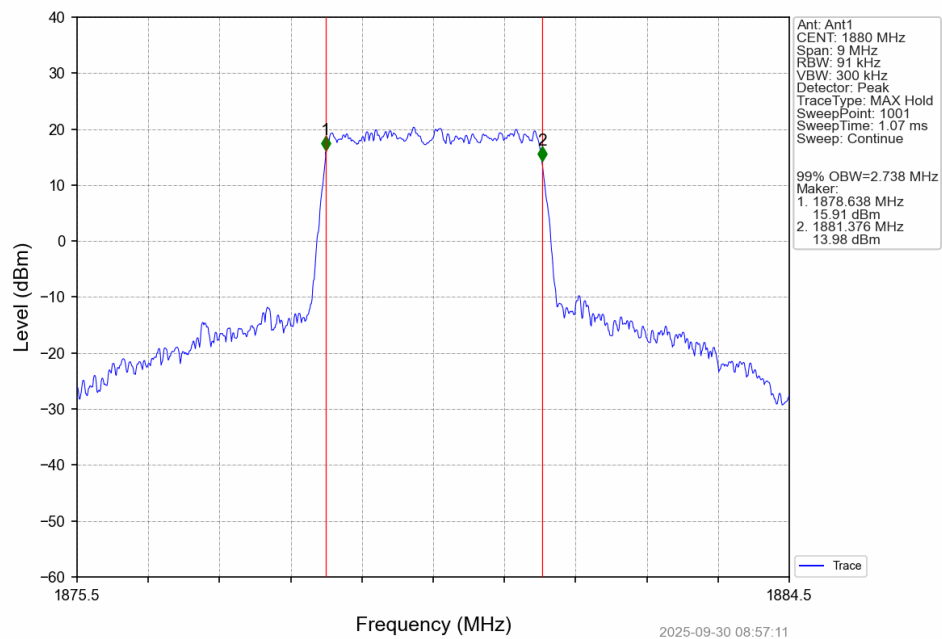
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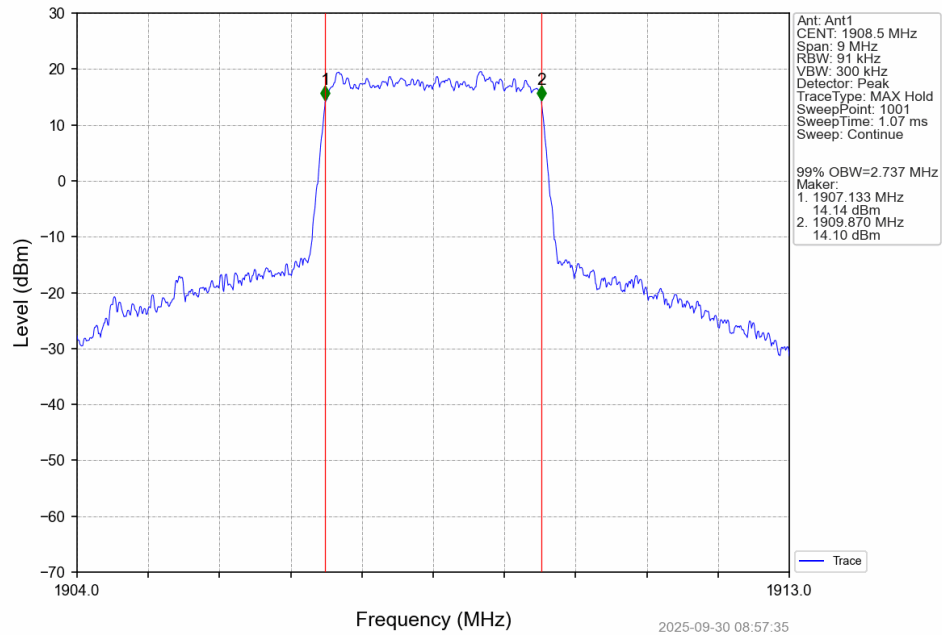
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



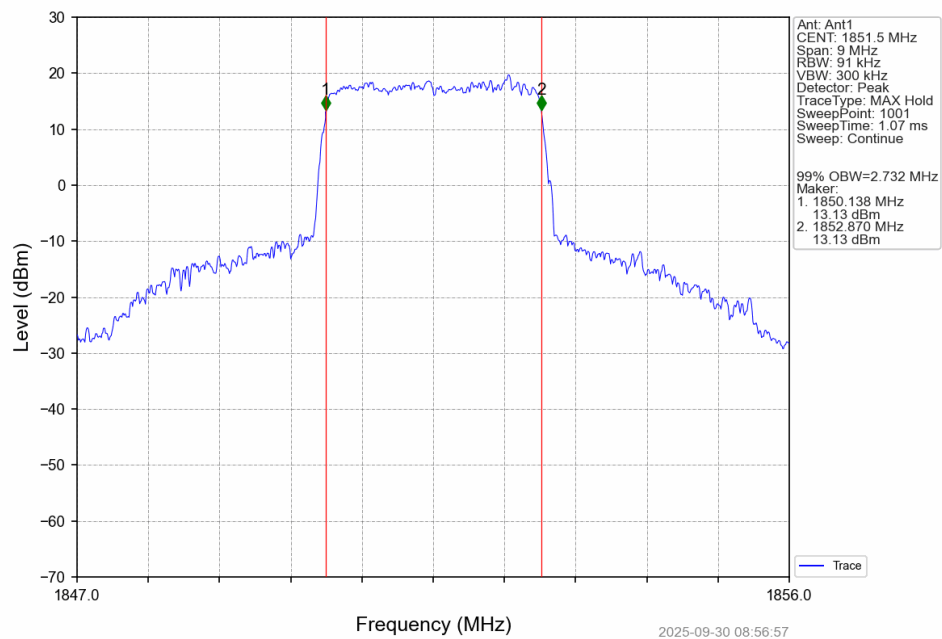
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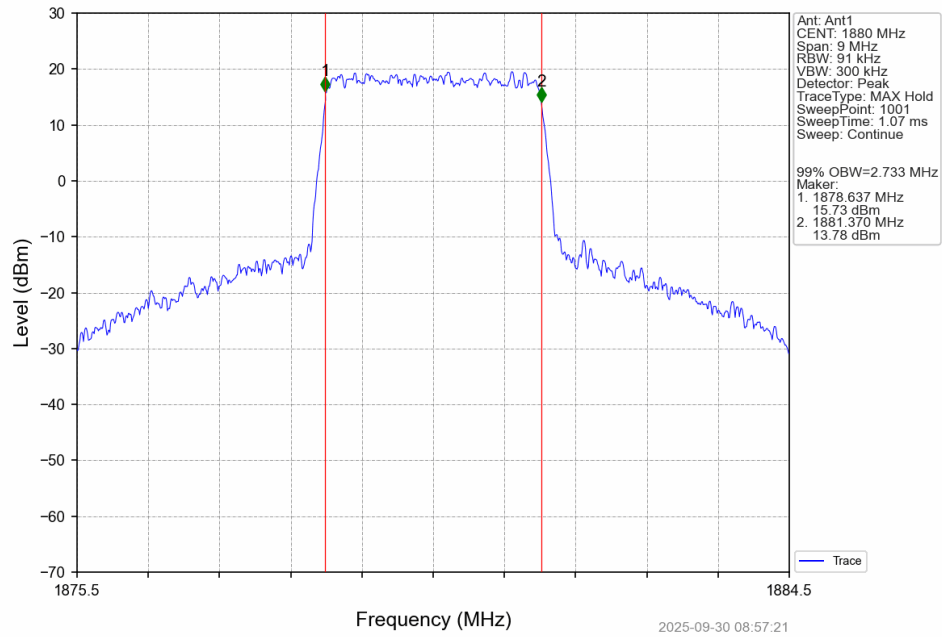
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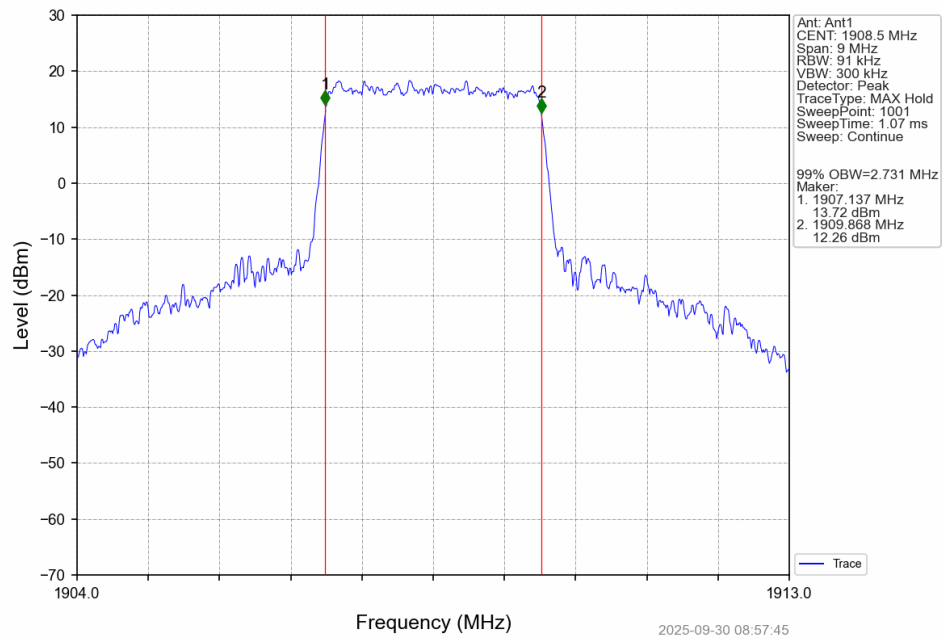
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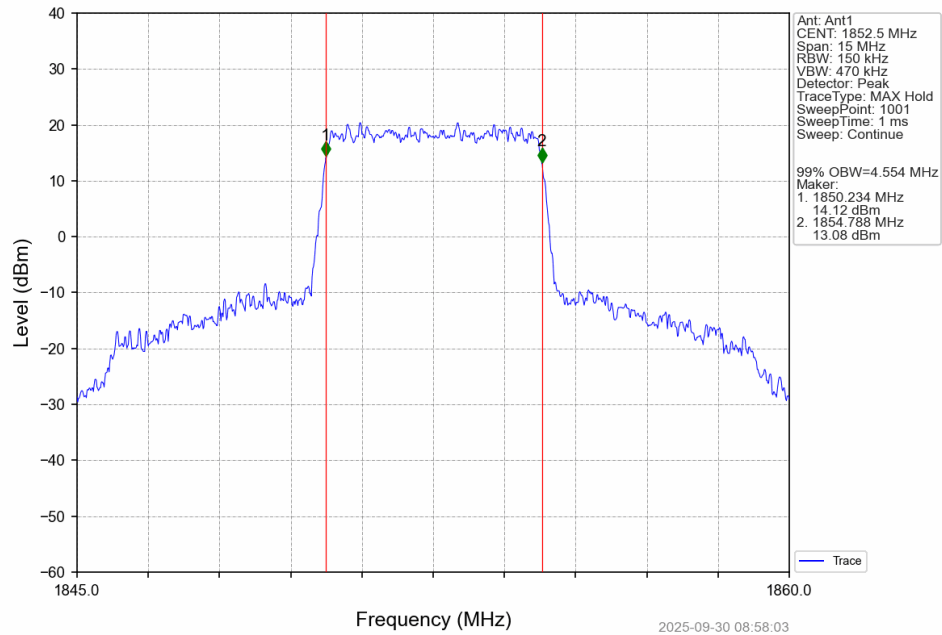
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



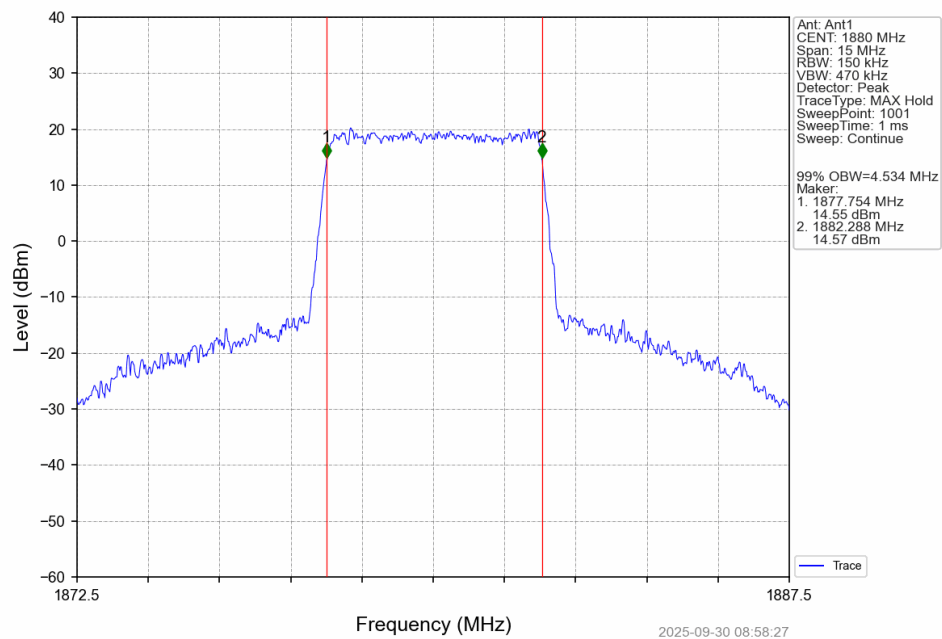
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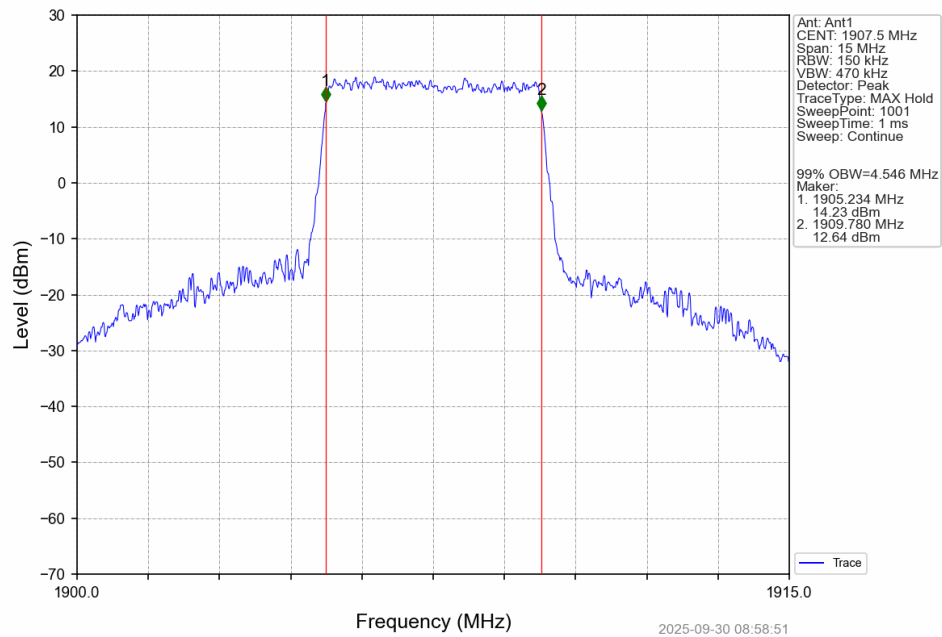
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



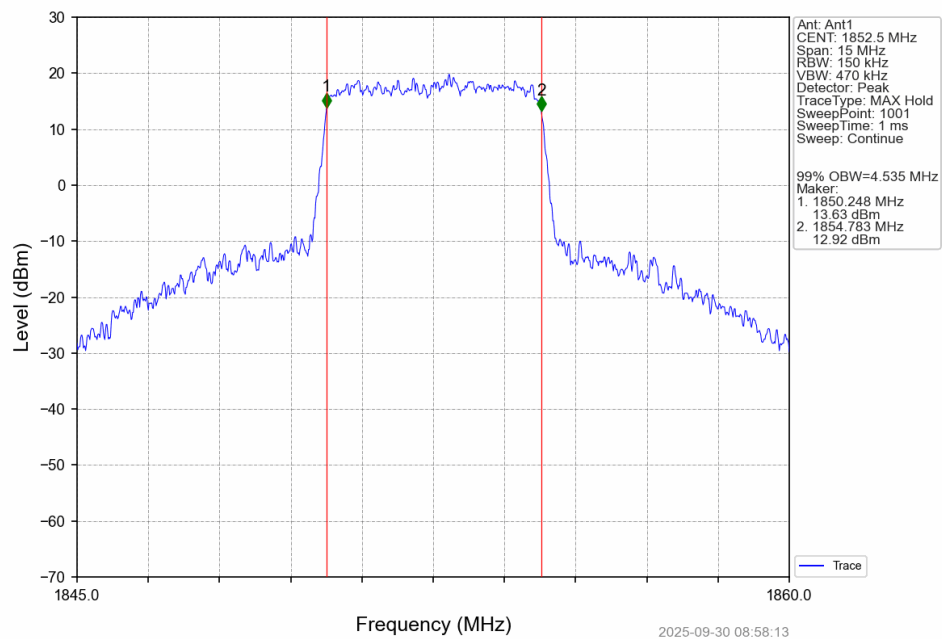
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



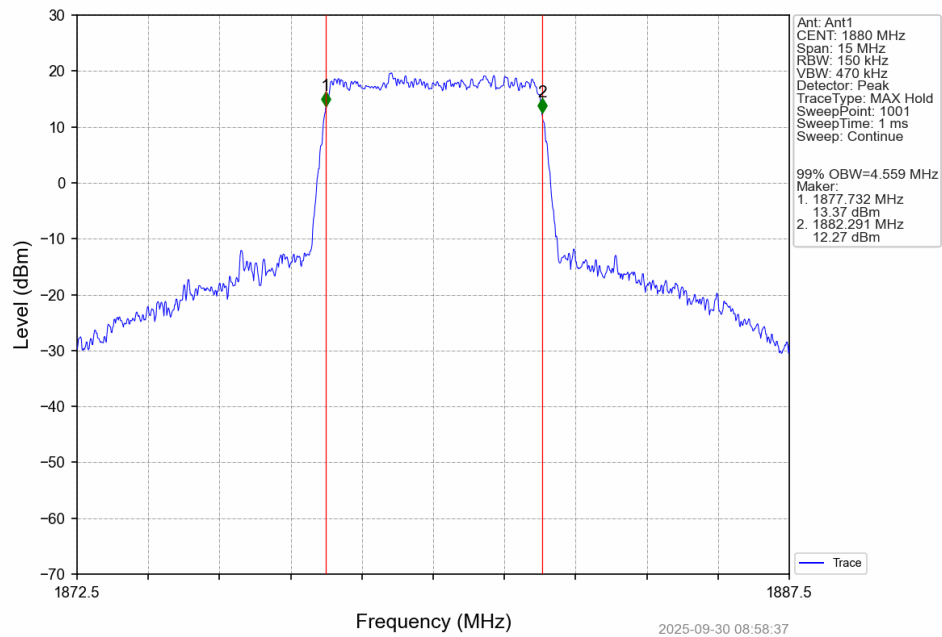
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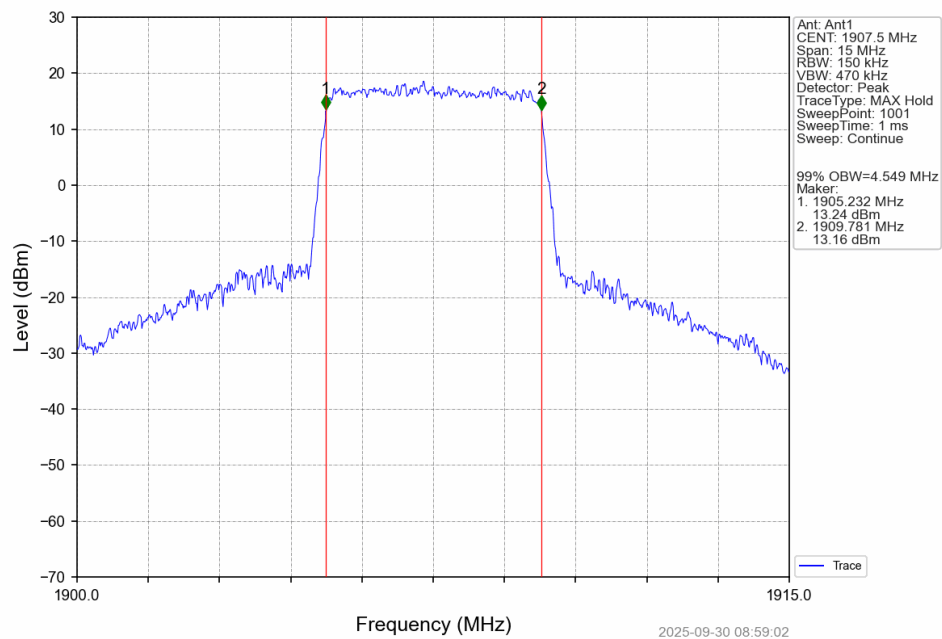
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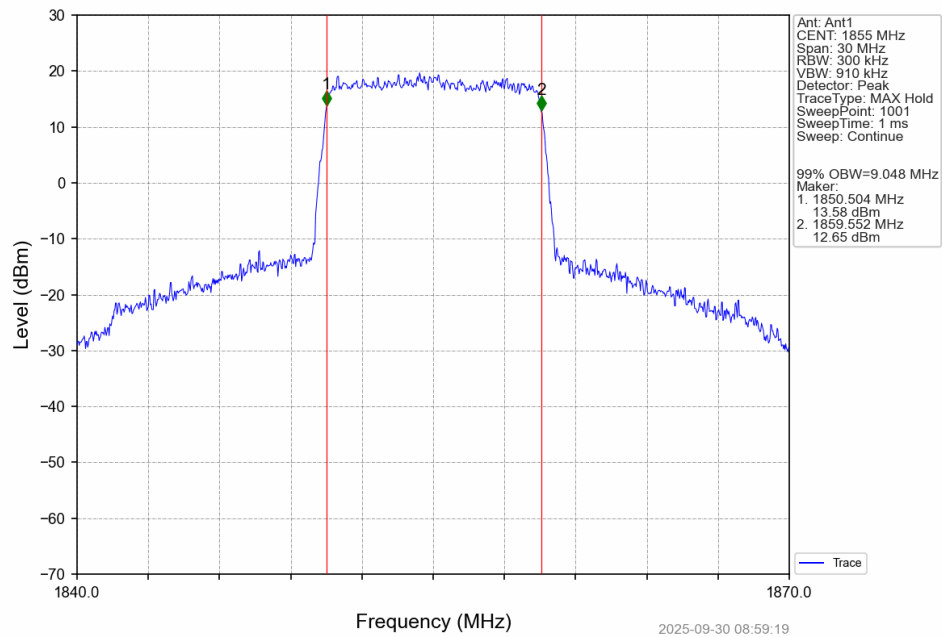
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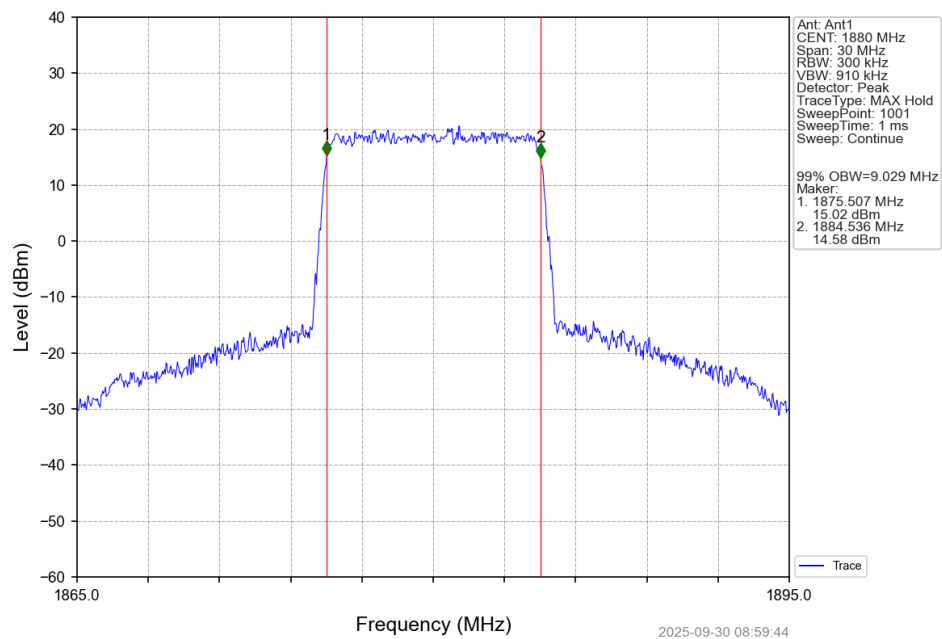
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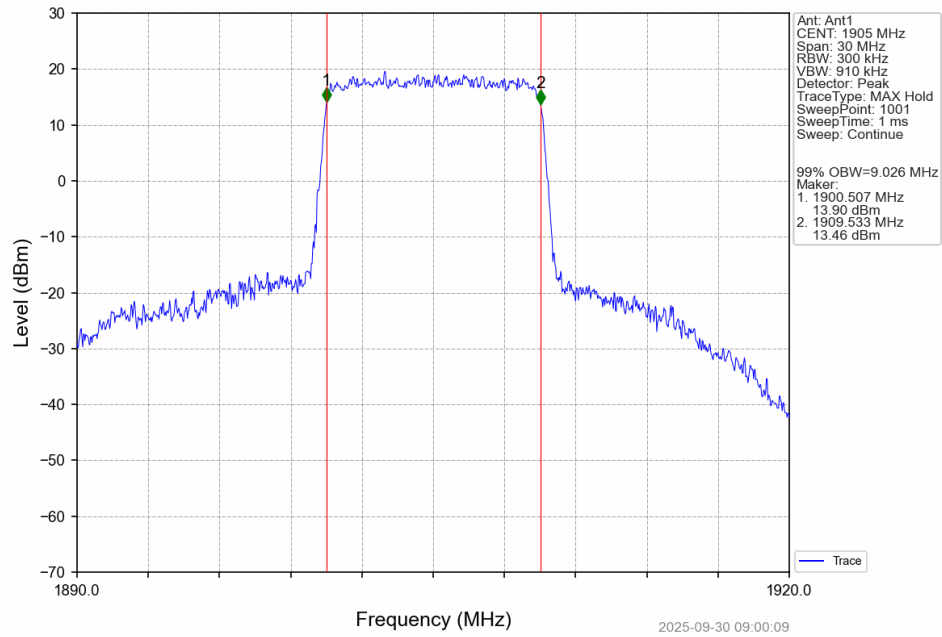
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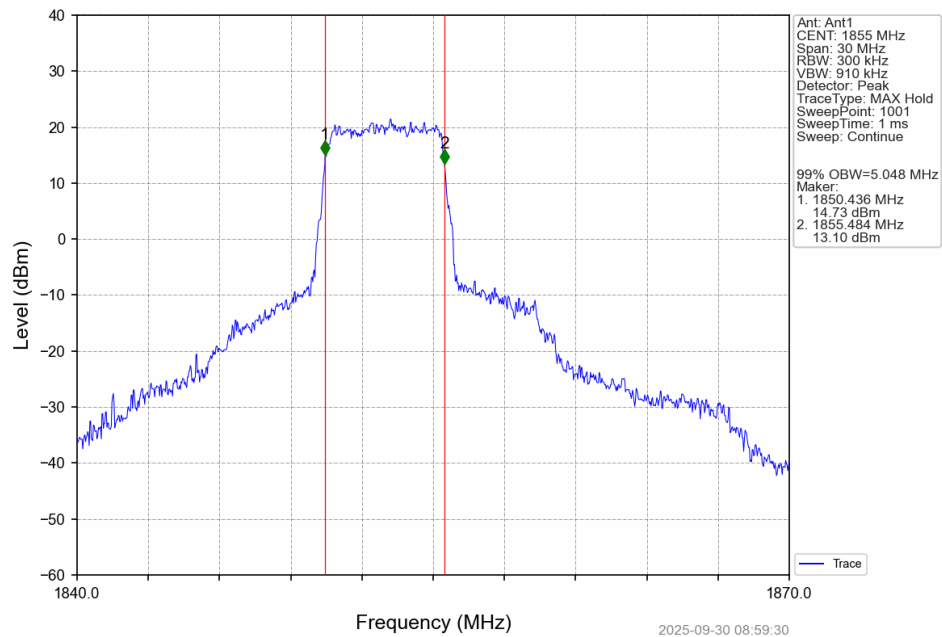
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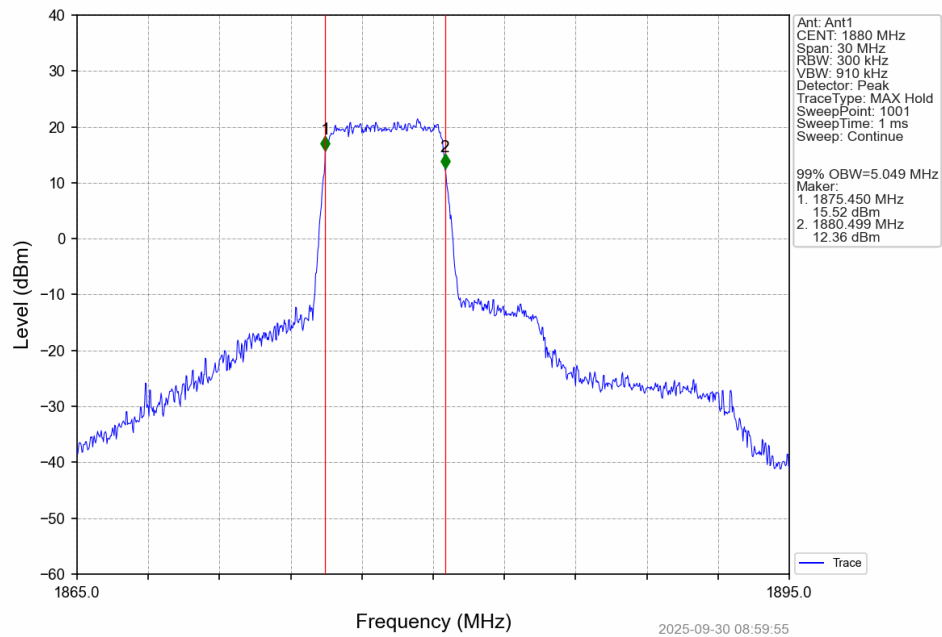
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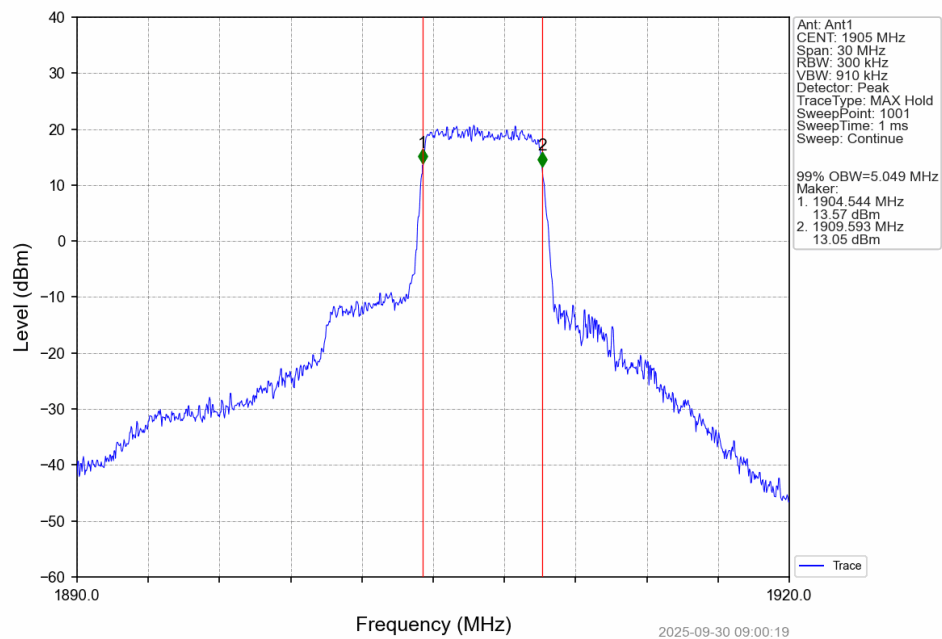
Band2_10MHz_16QAM_LCH_1855MHz_RB_27_0_NTNV



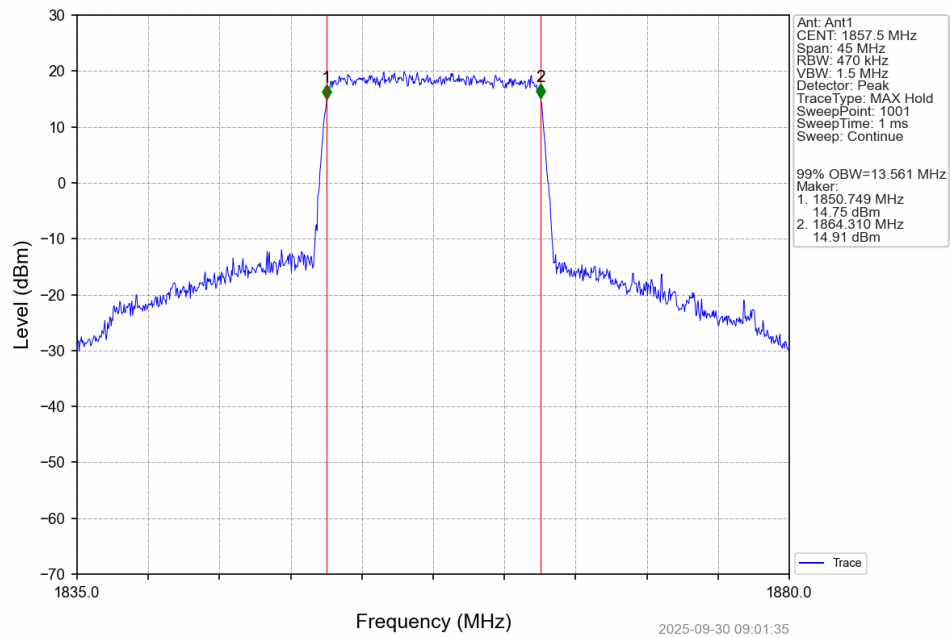
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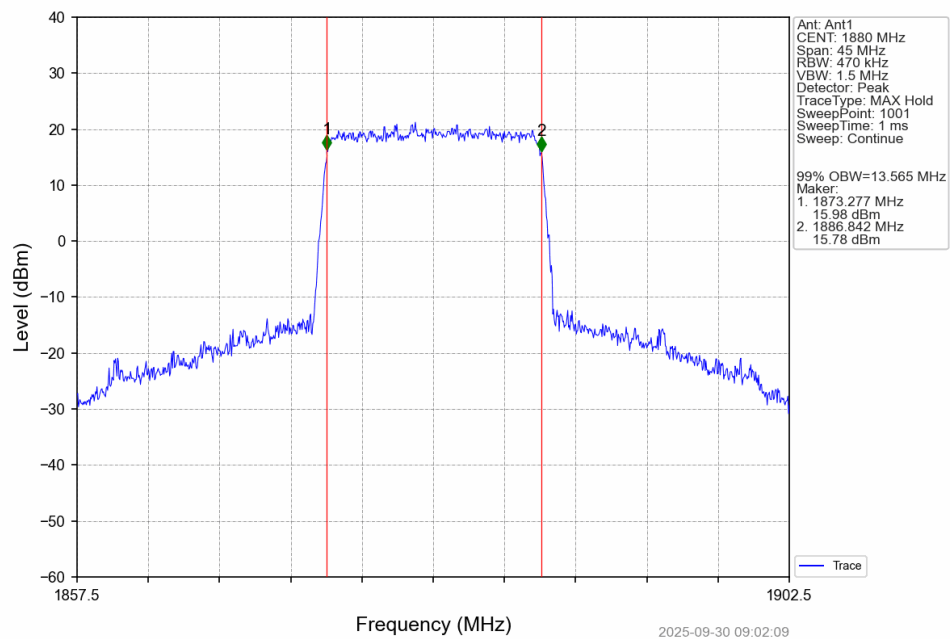
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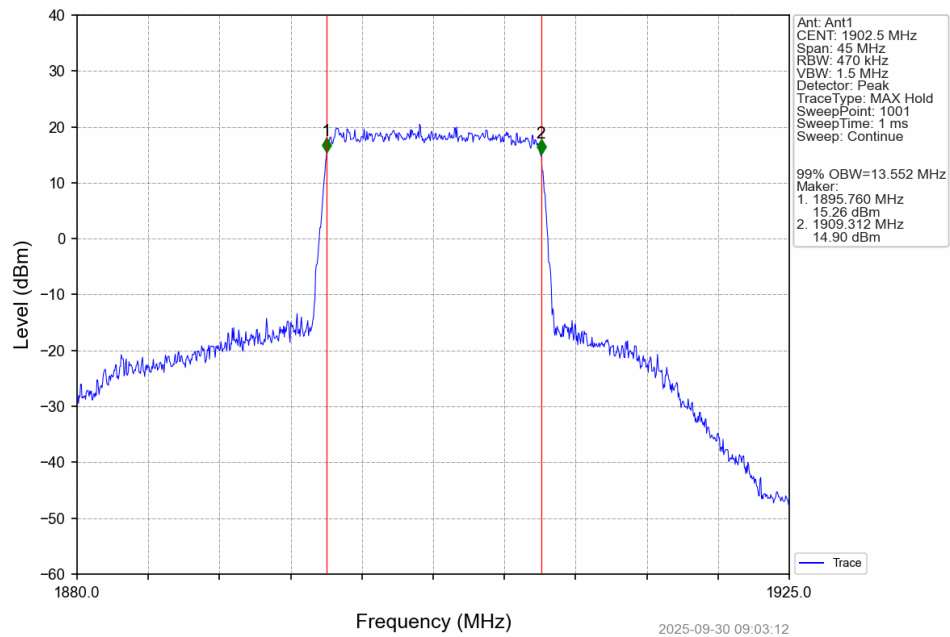
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



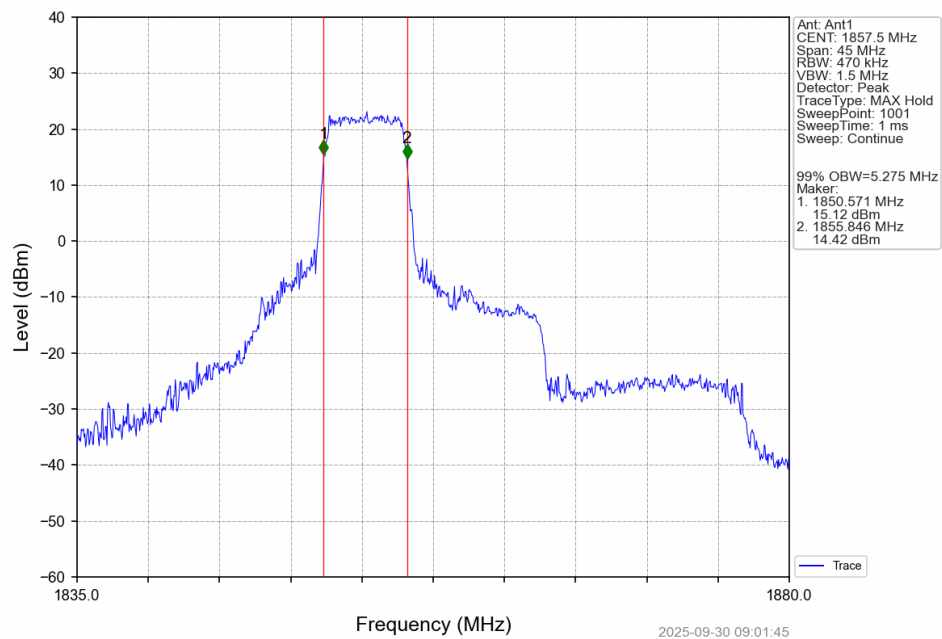
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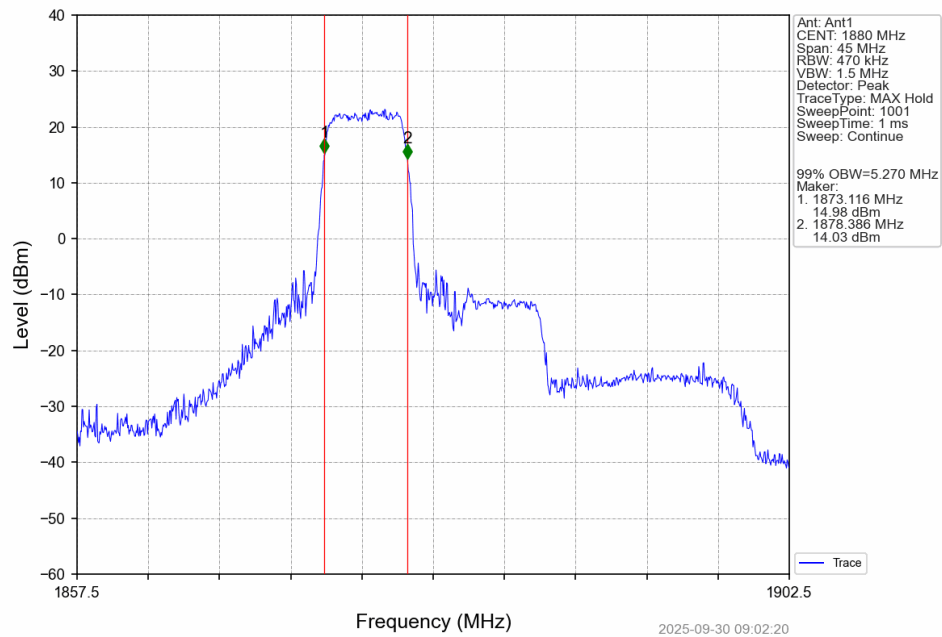
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



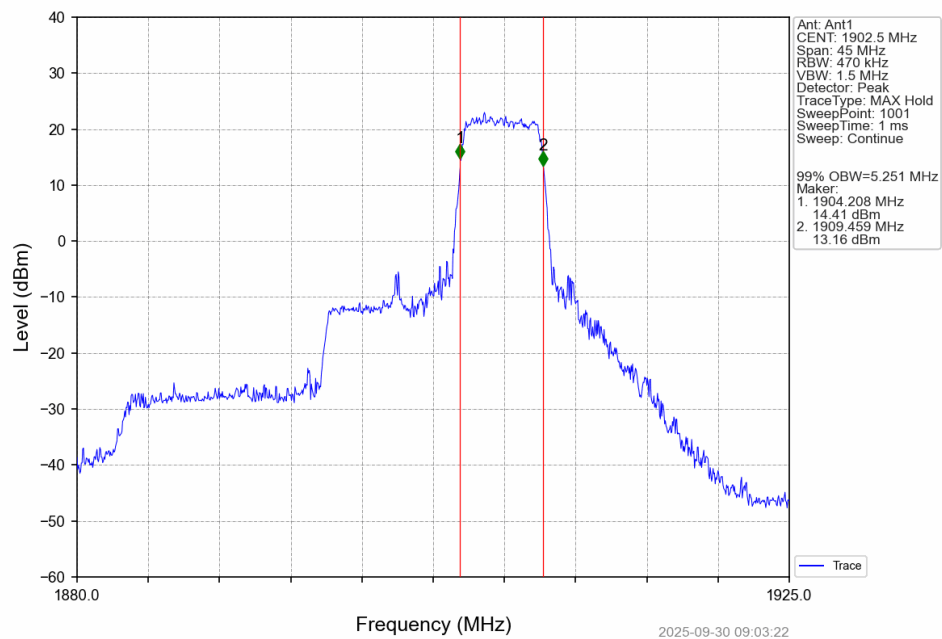
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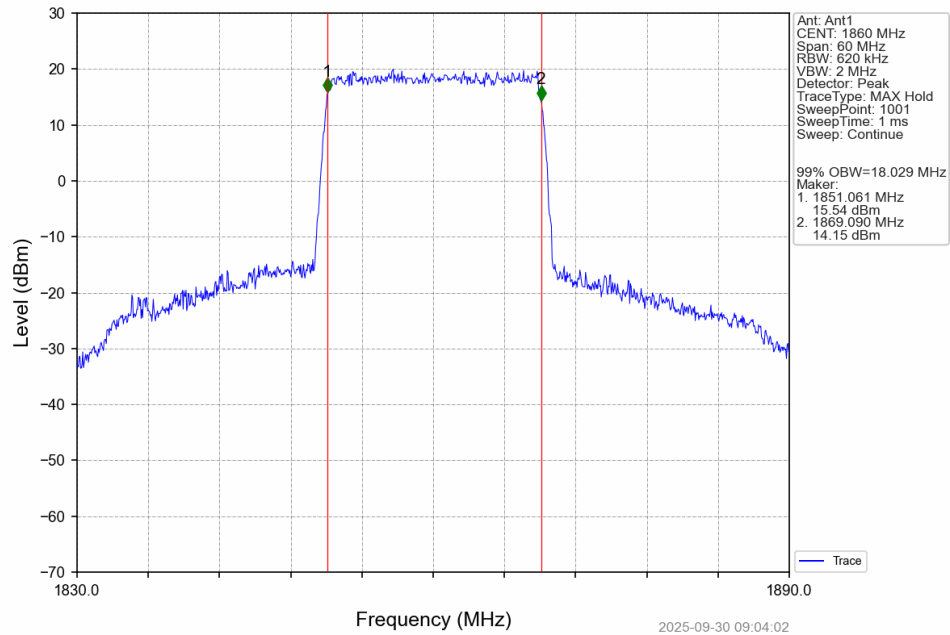
Band2_15MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



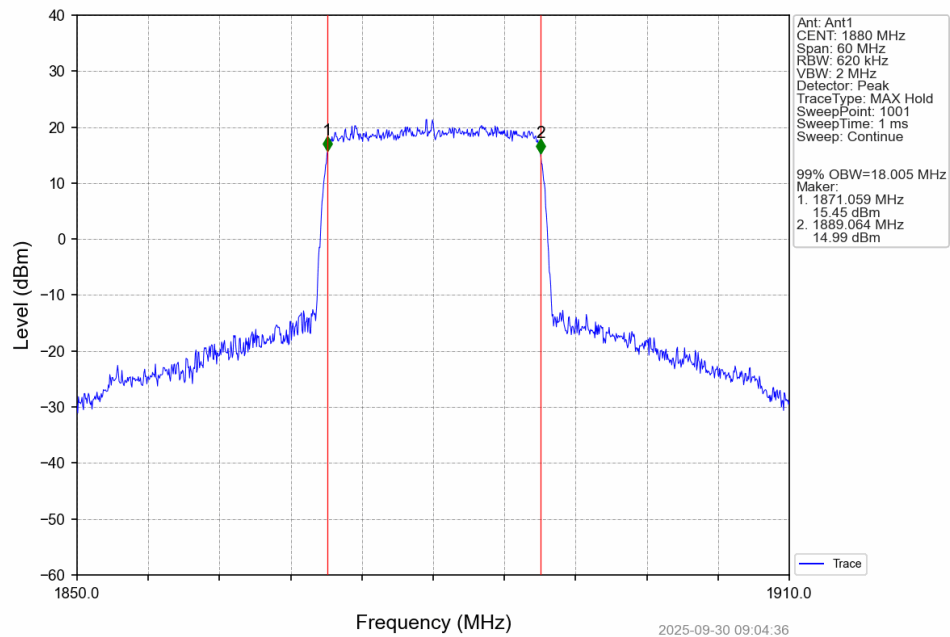
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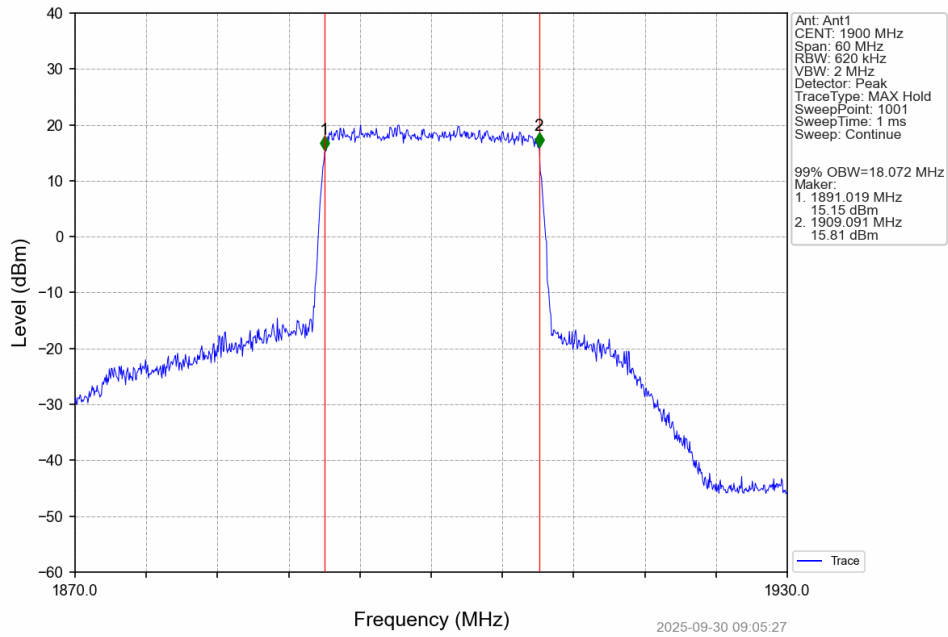
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



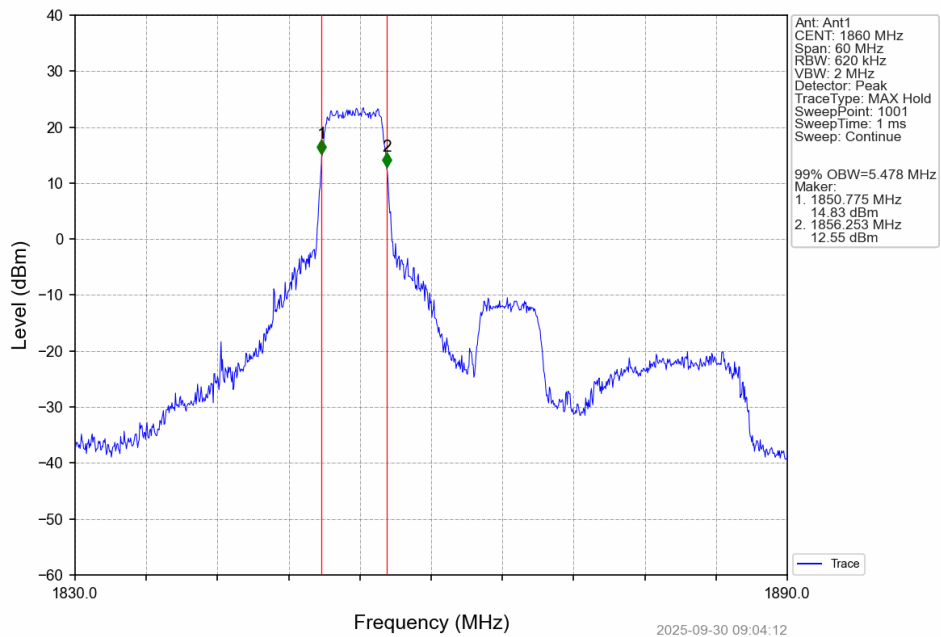
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



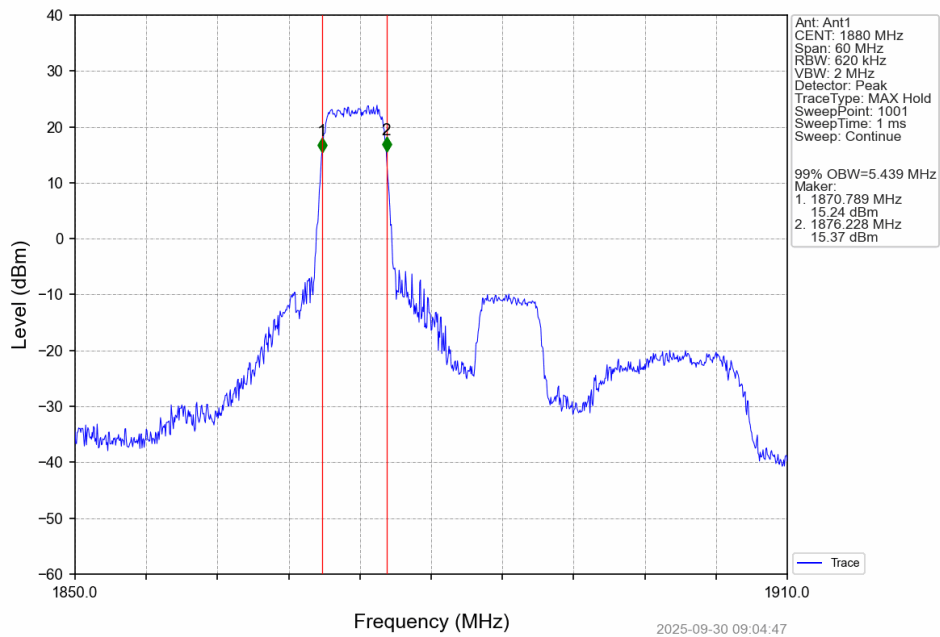
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



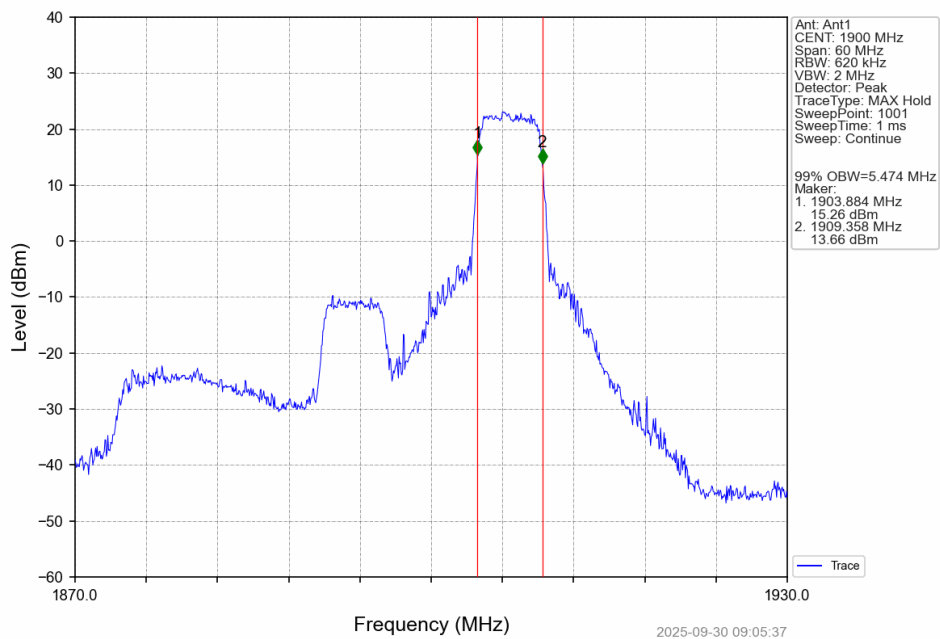
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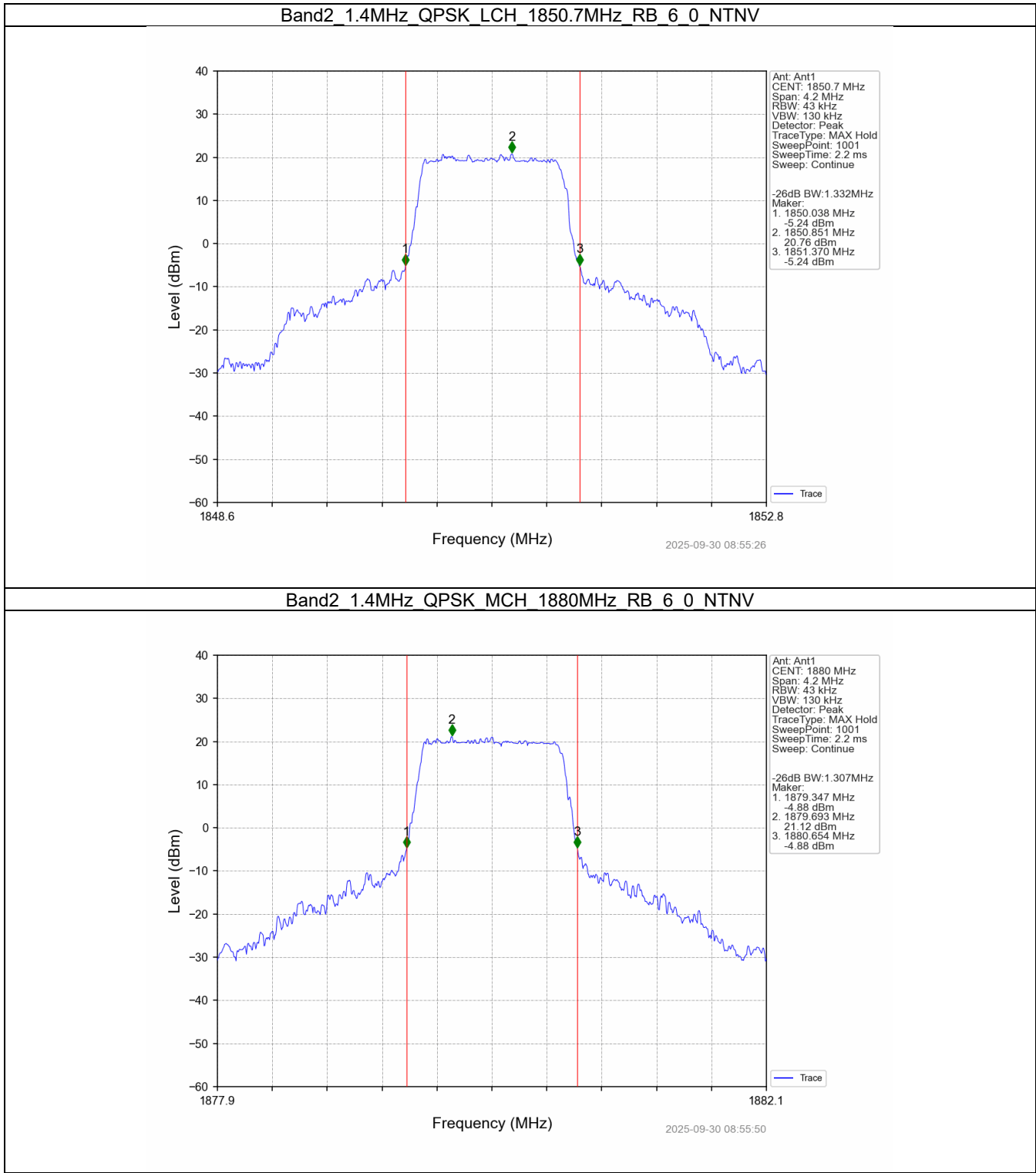
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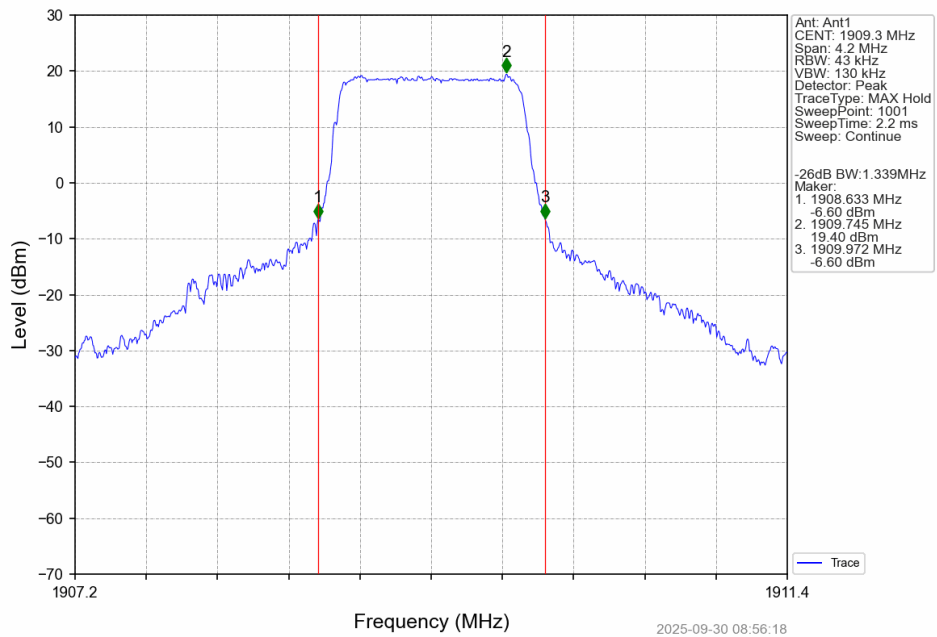
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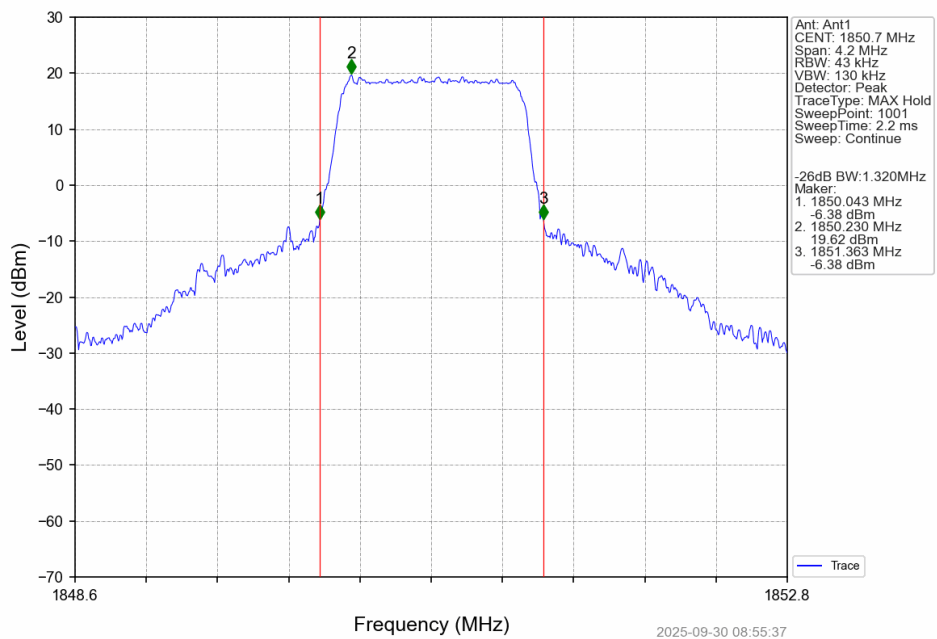
4.2.2 Band2_XDB



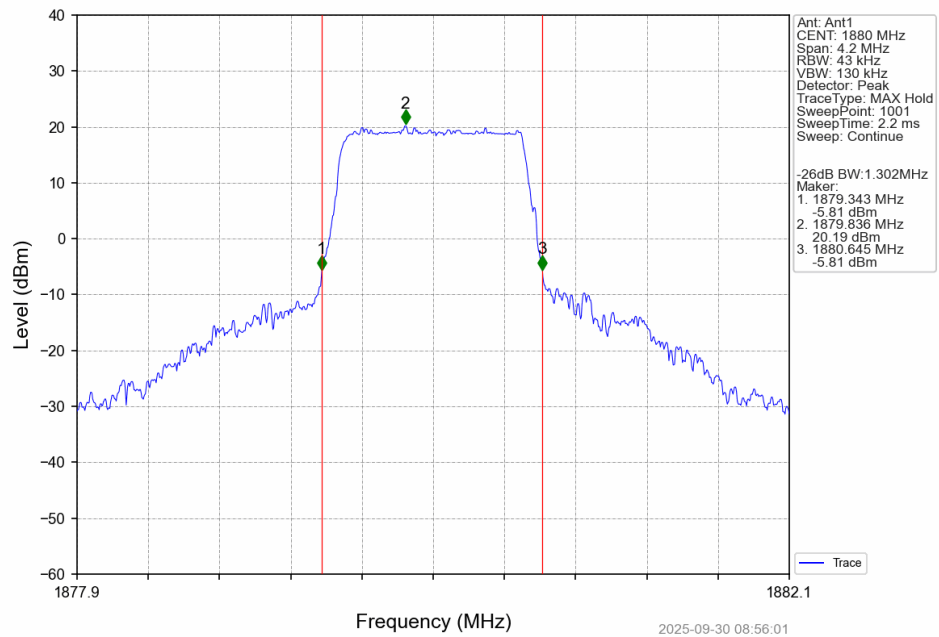
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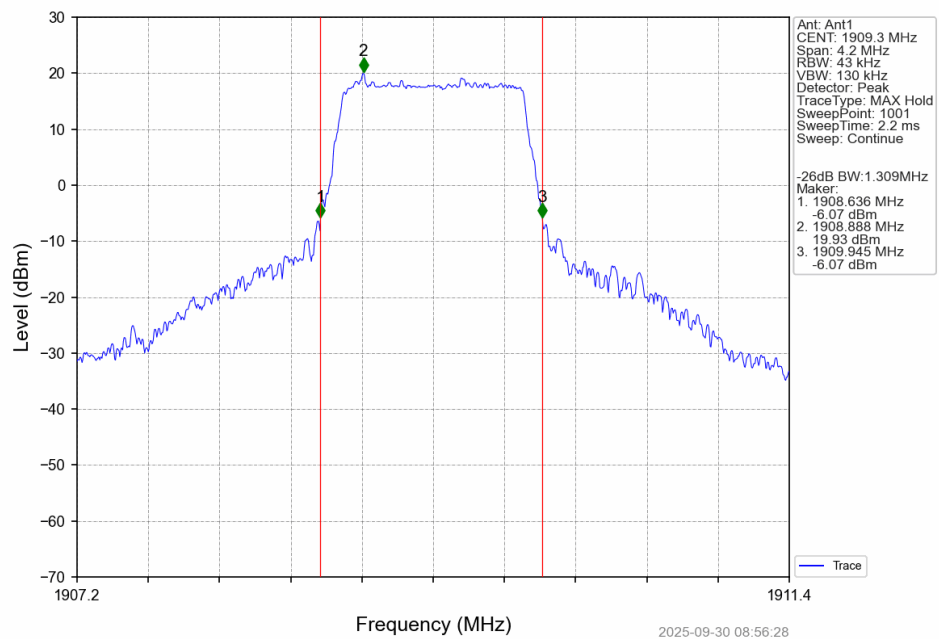
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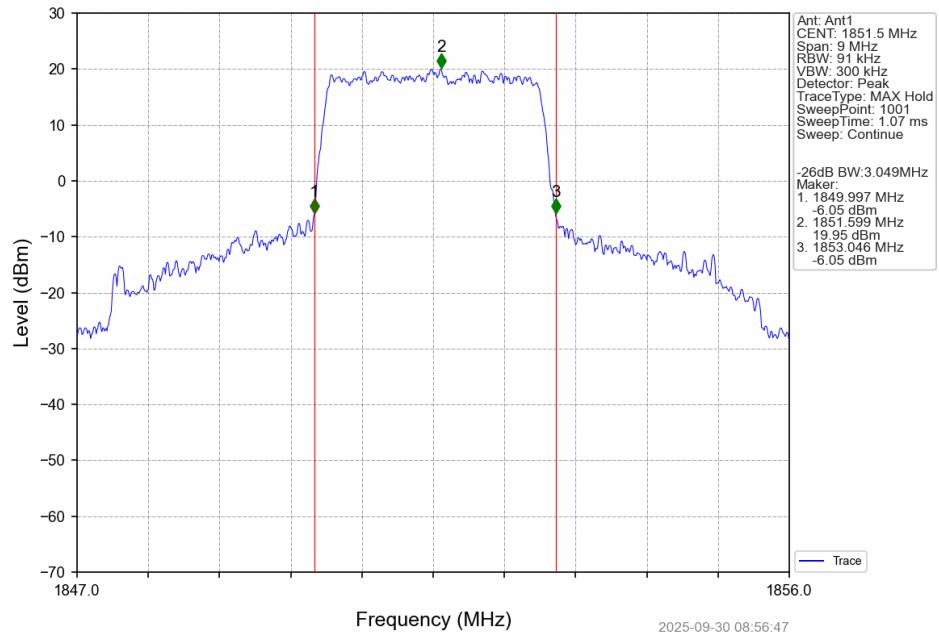
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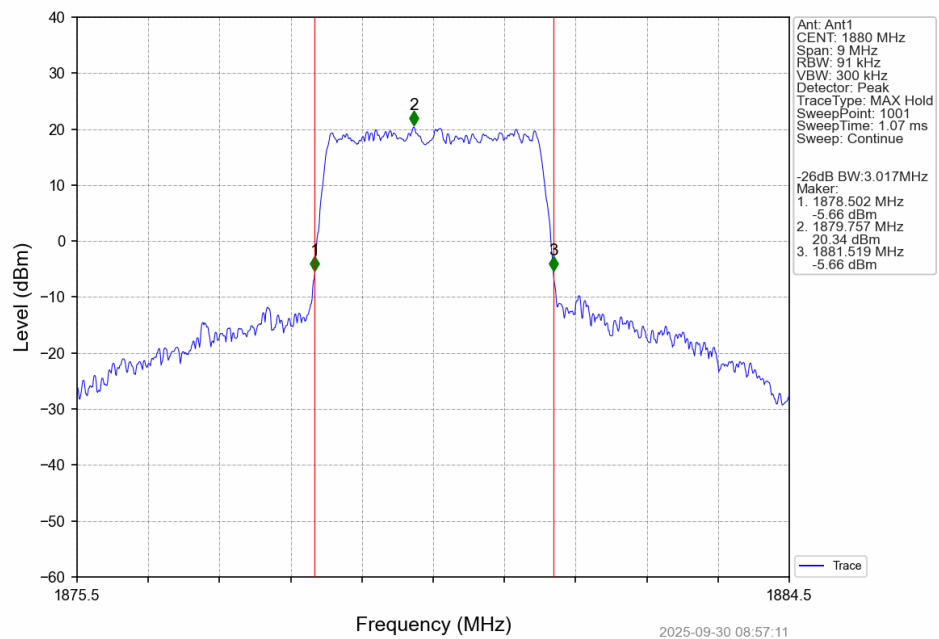
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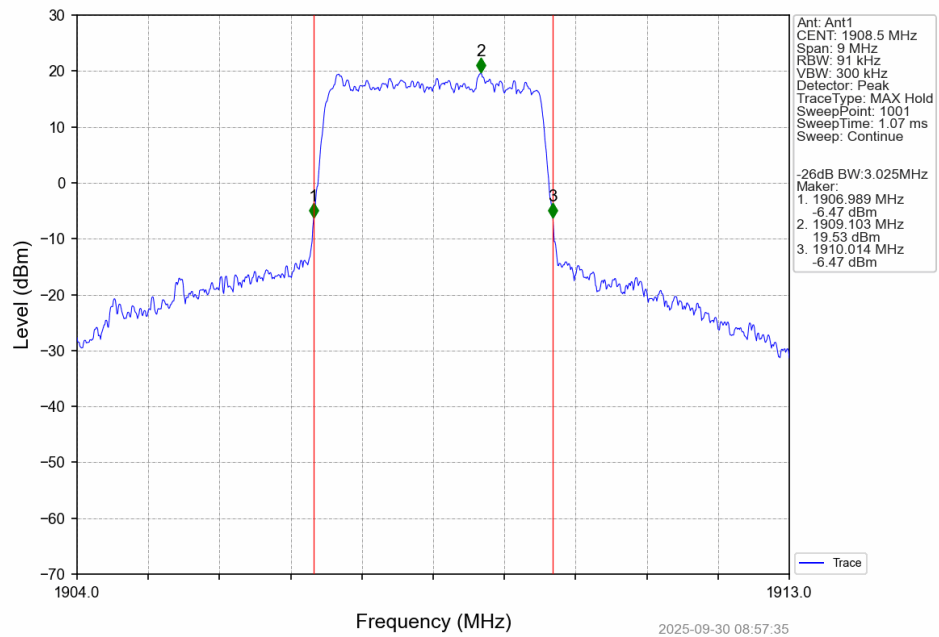
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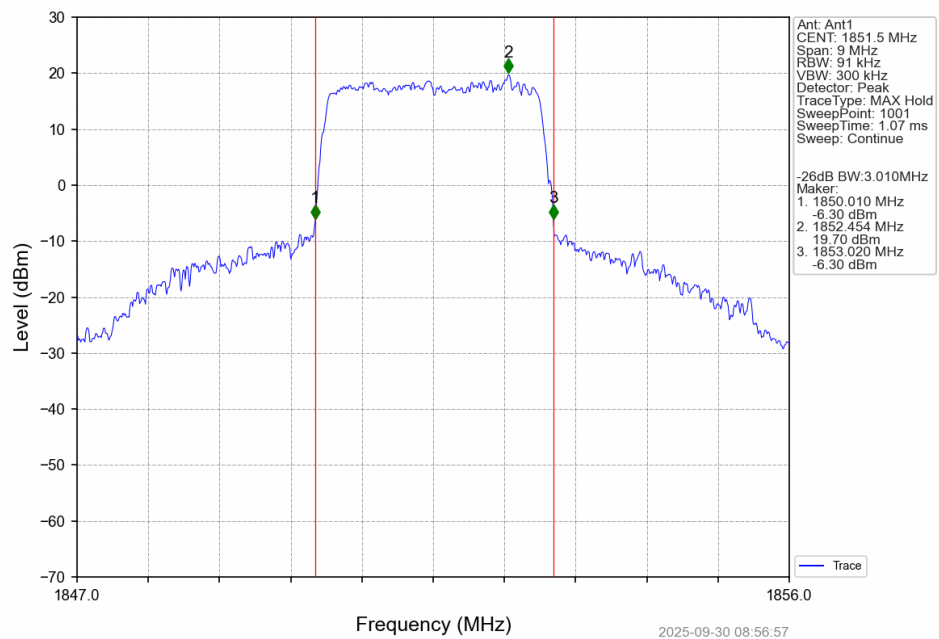
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



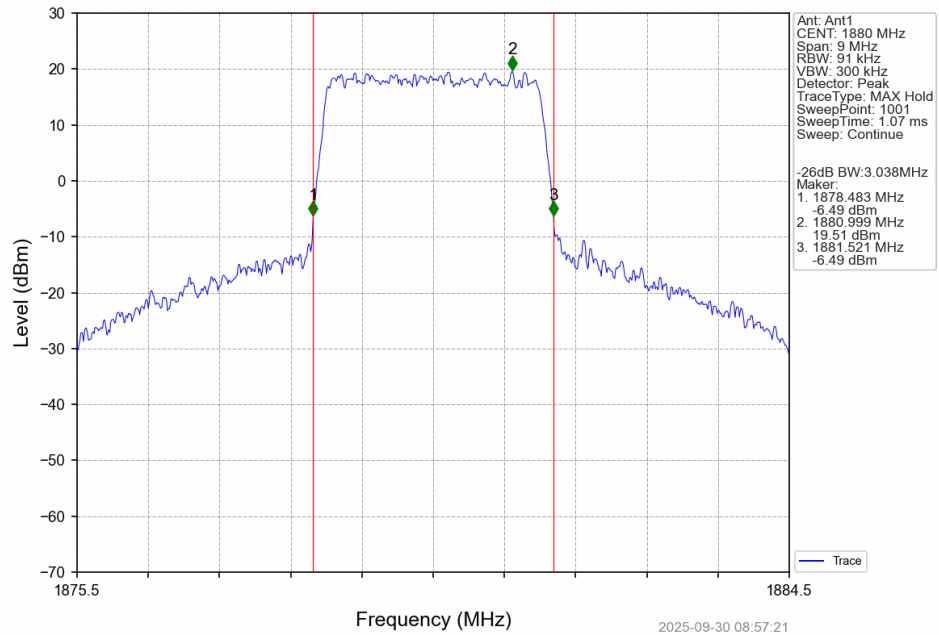
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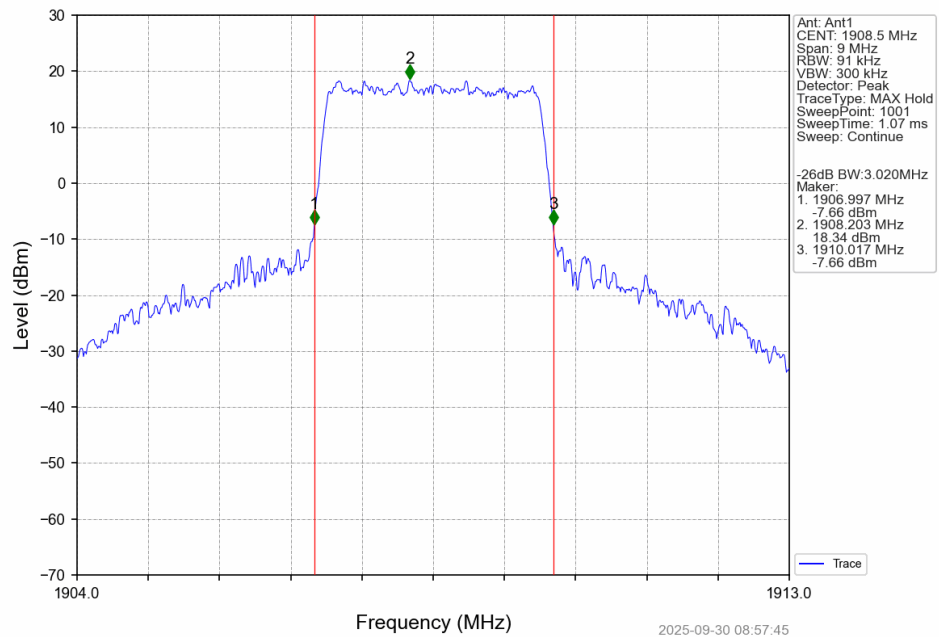
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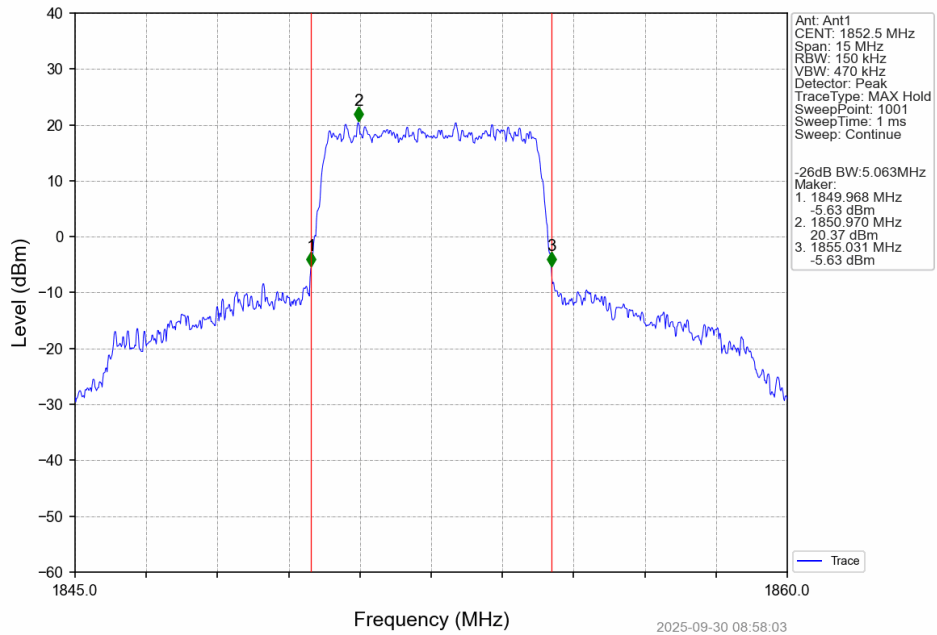
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



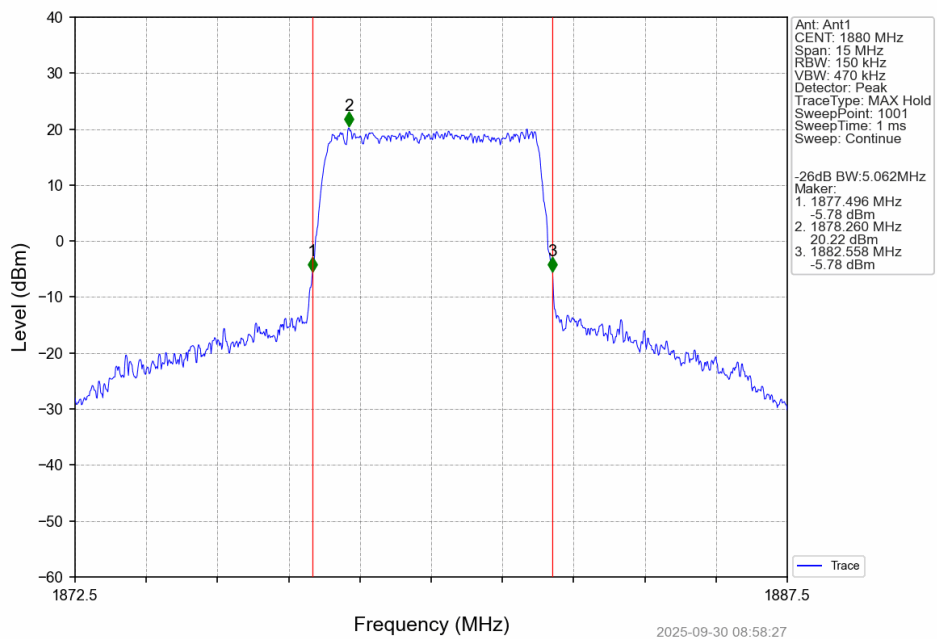
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



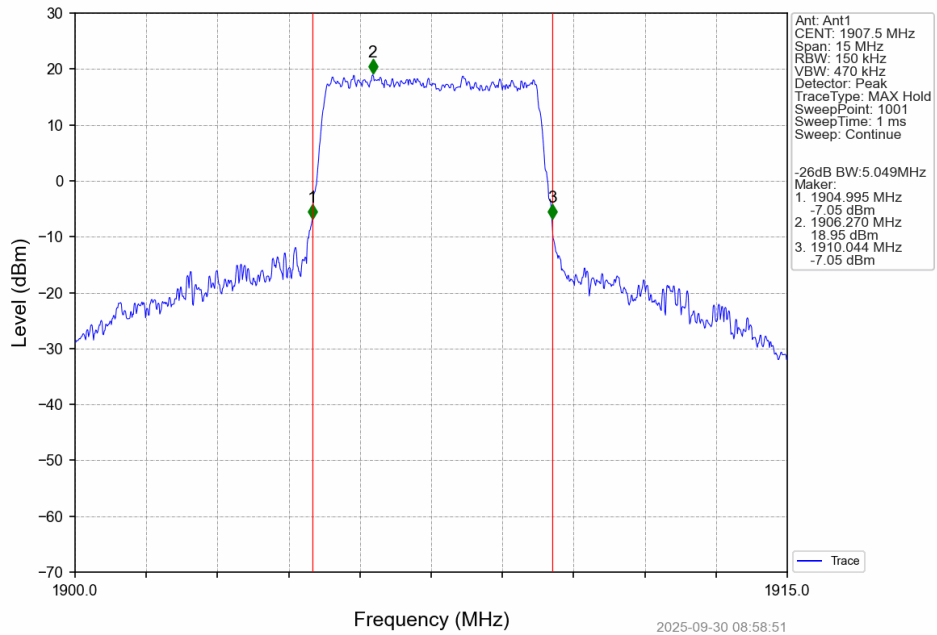
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



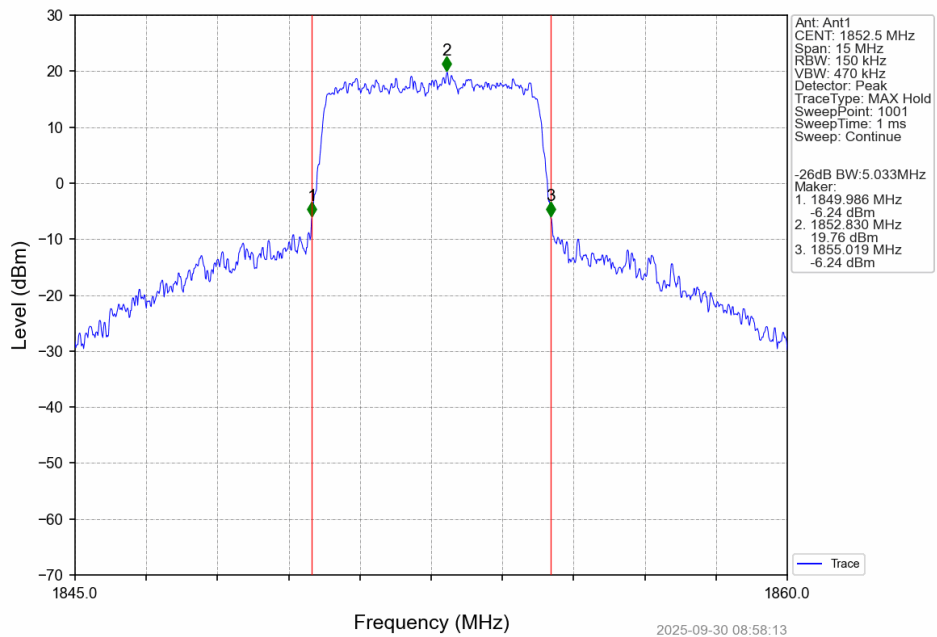
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



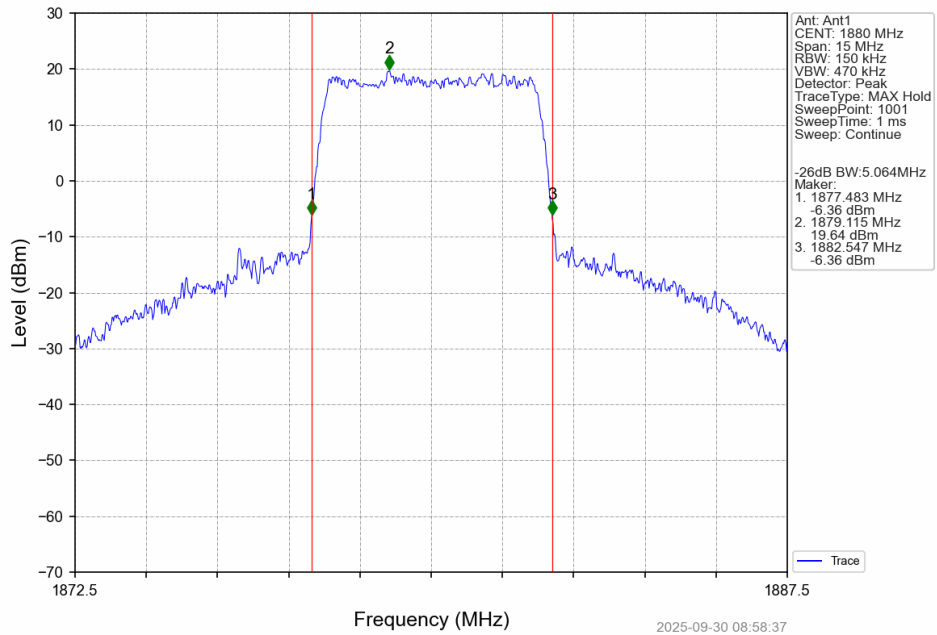
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



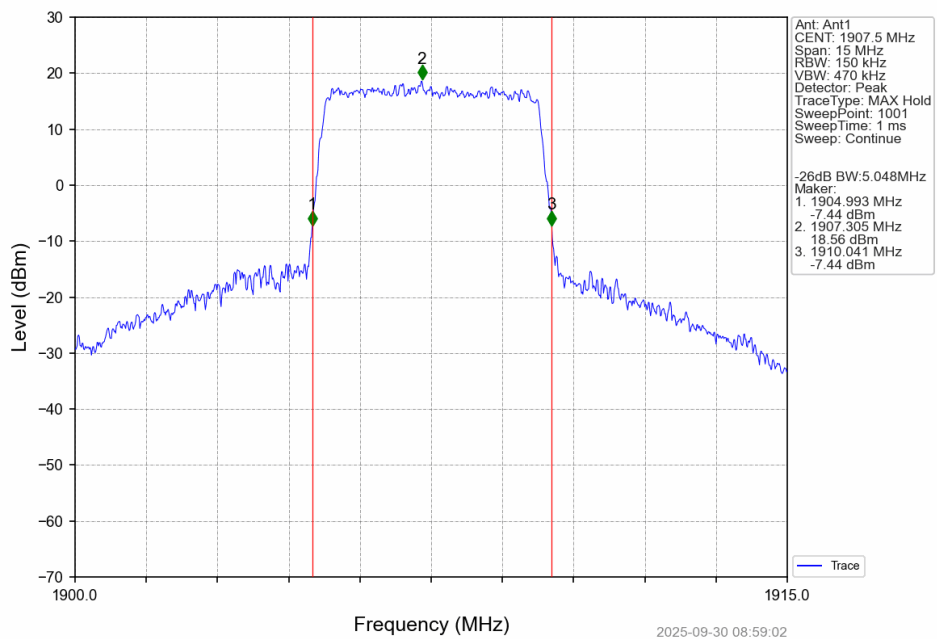
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



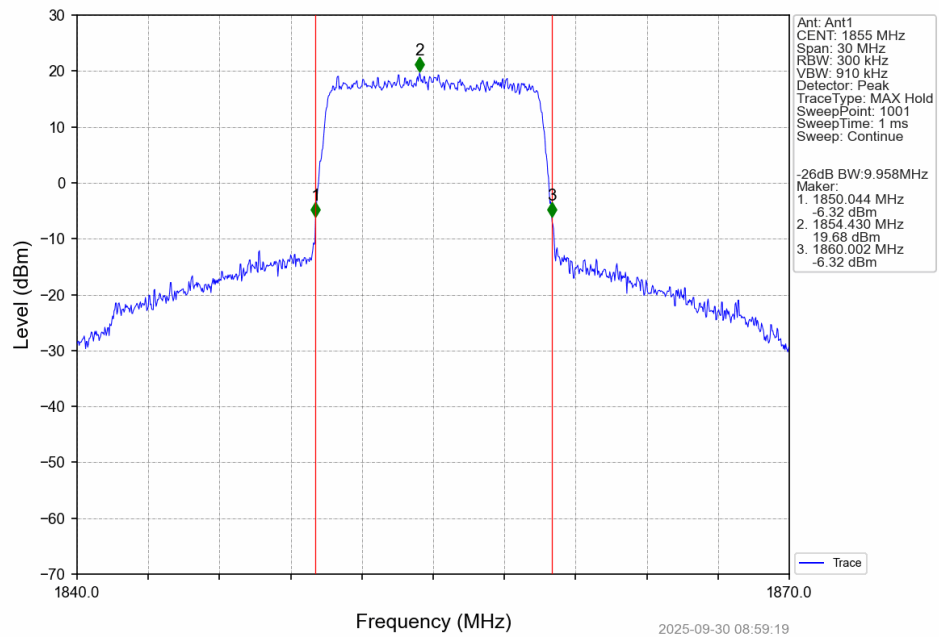
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



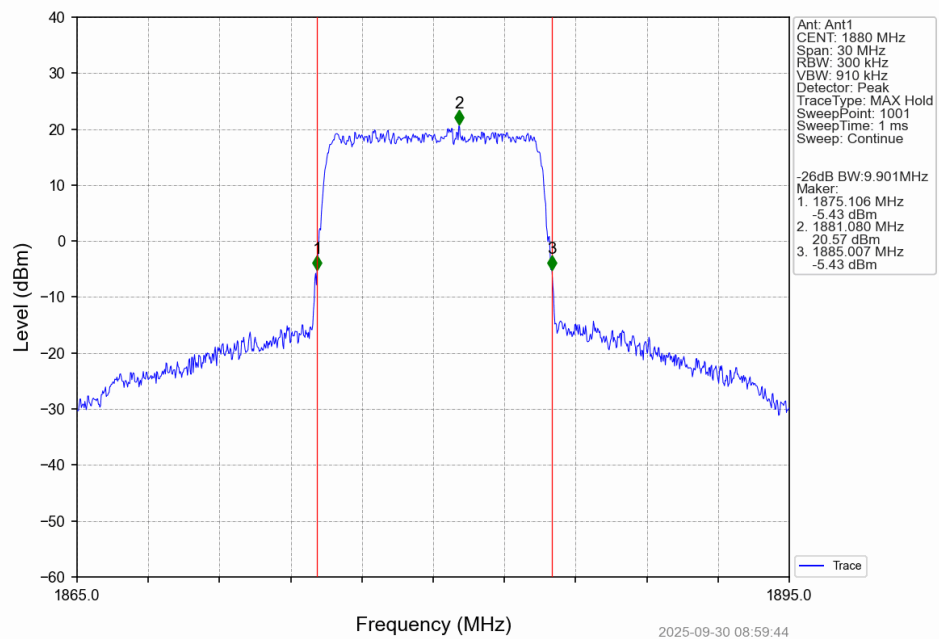
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



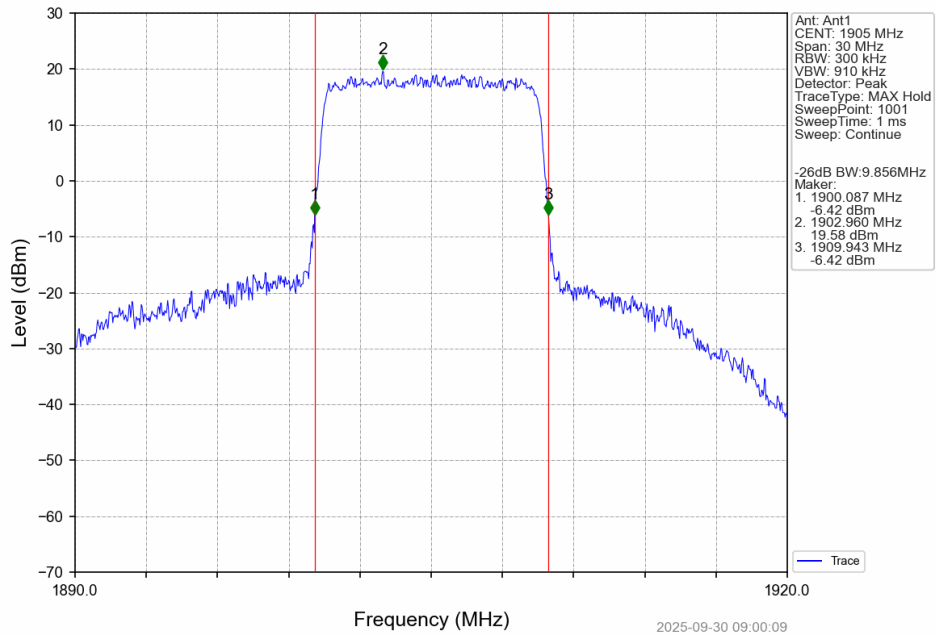
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



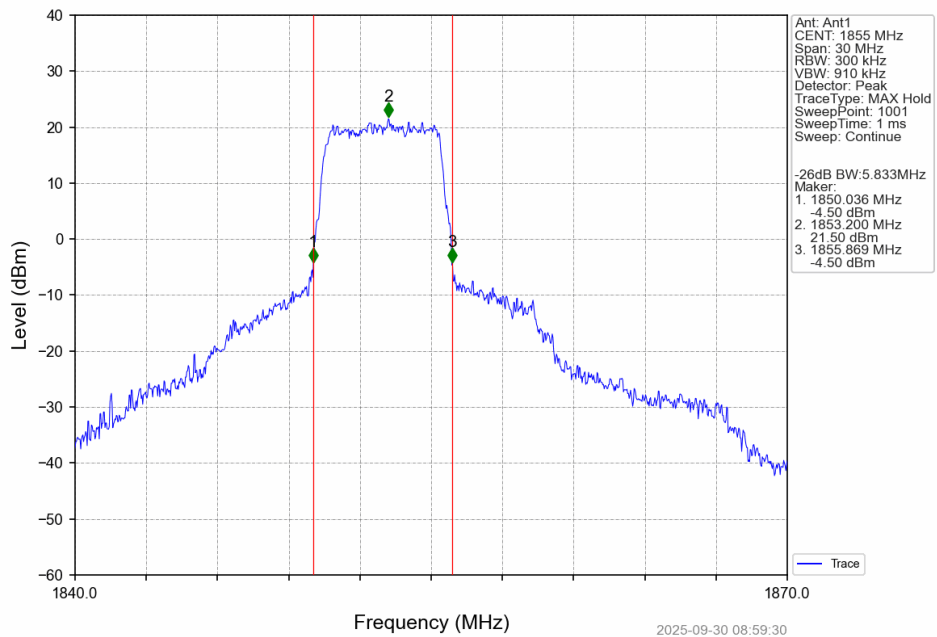
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



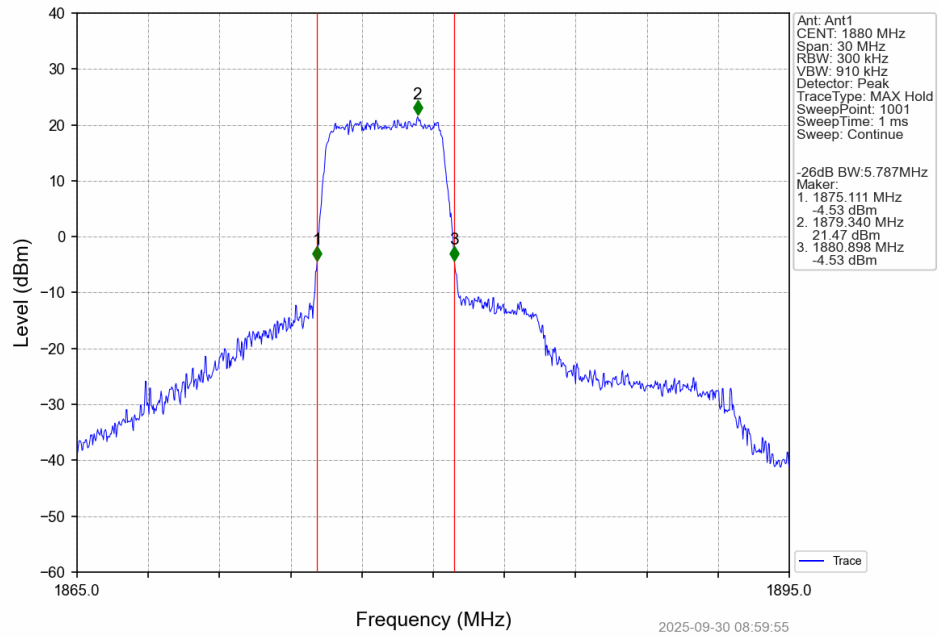
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



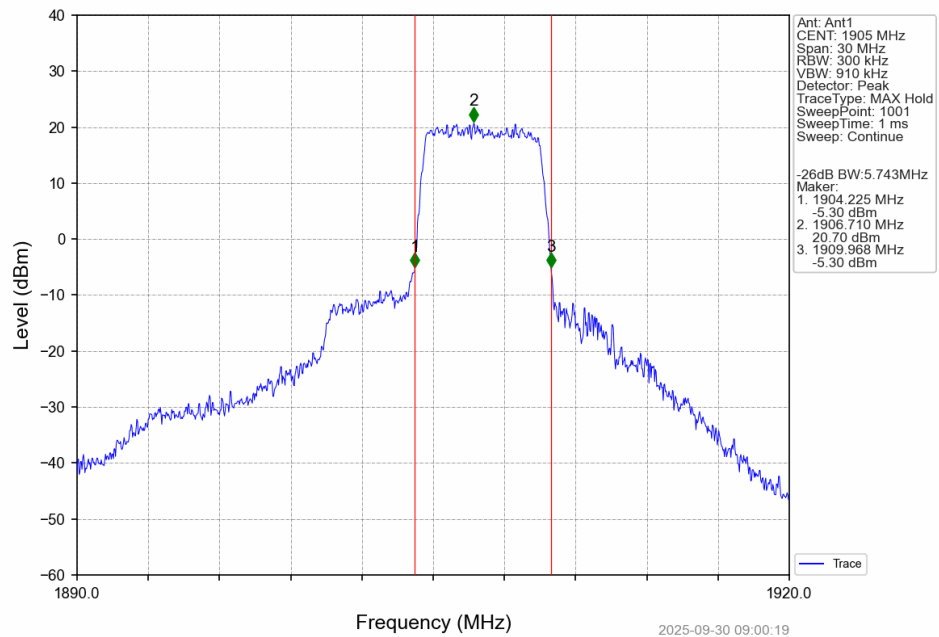
Band2_10MHz_16QAM_LCH_1855MHz_RB_27_0_NTNV



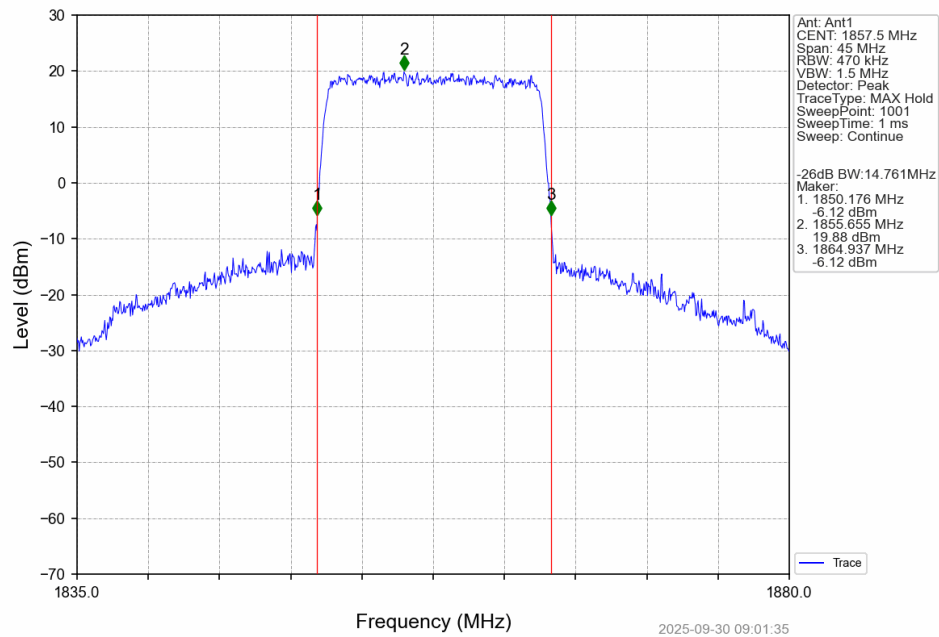
Band2_10MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



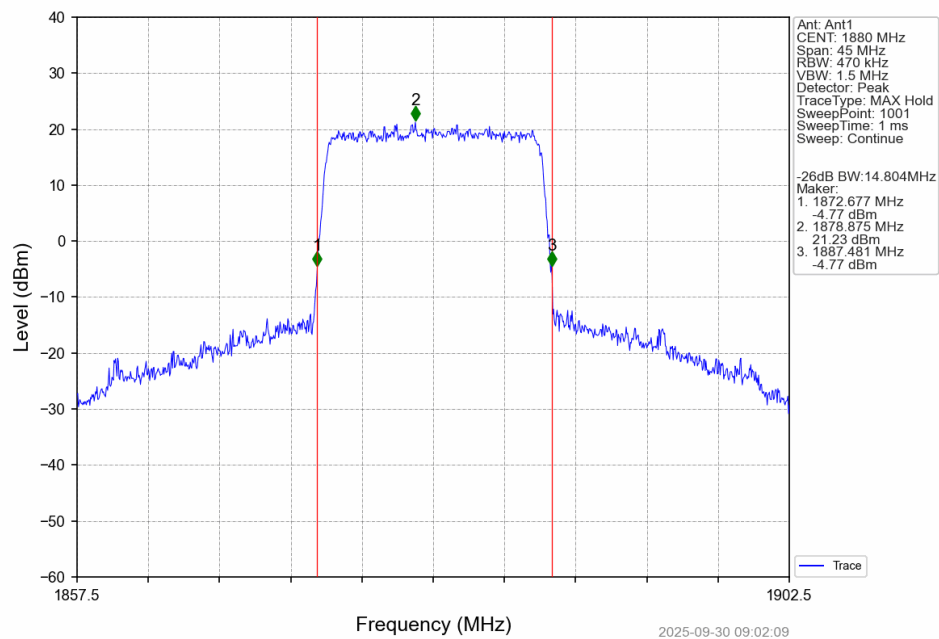
Band2_10MHz_16QAM_HCH_1905MHz_RB_27_23_NTNV



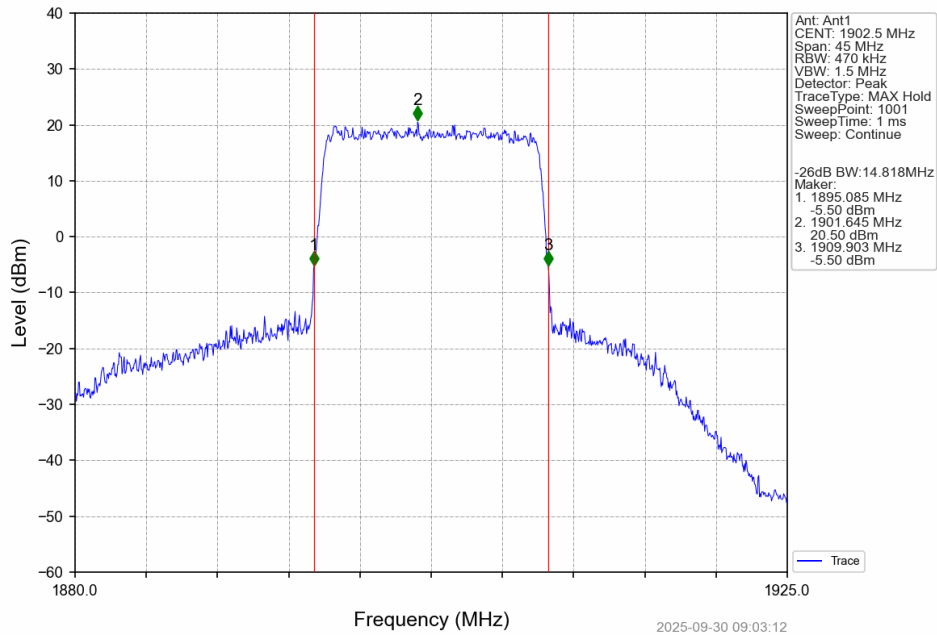
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



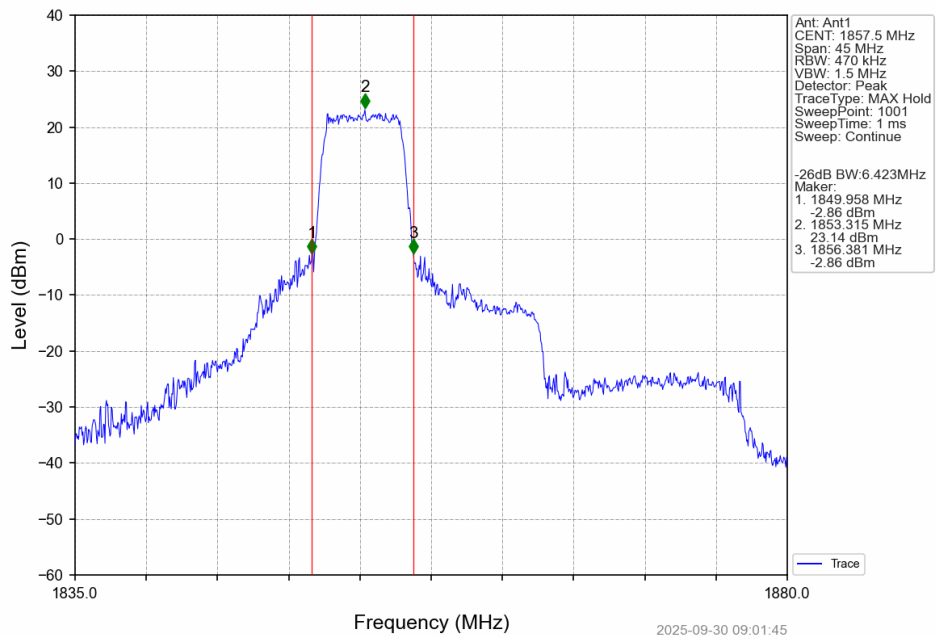
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



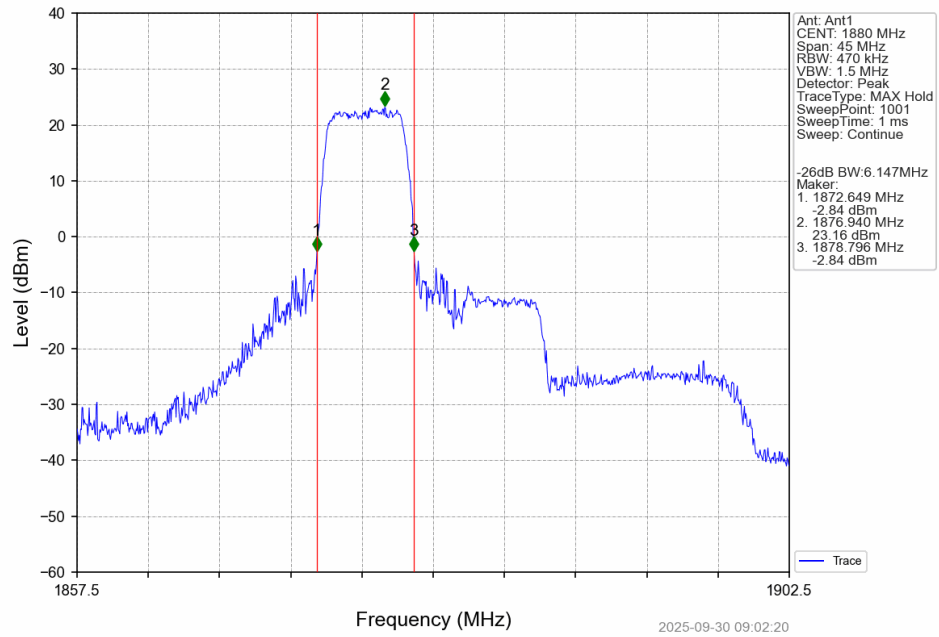
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



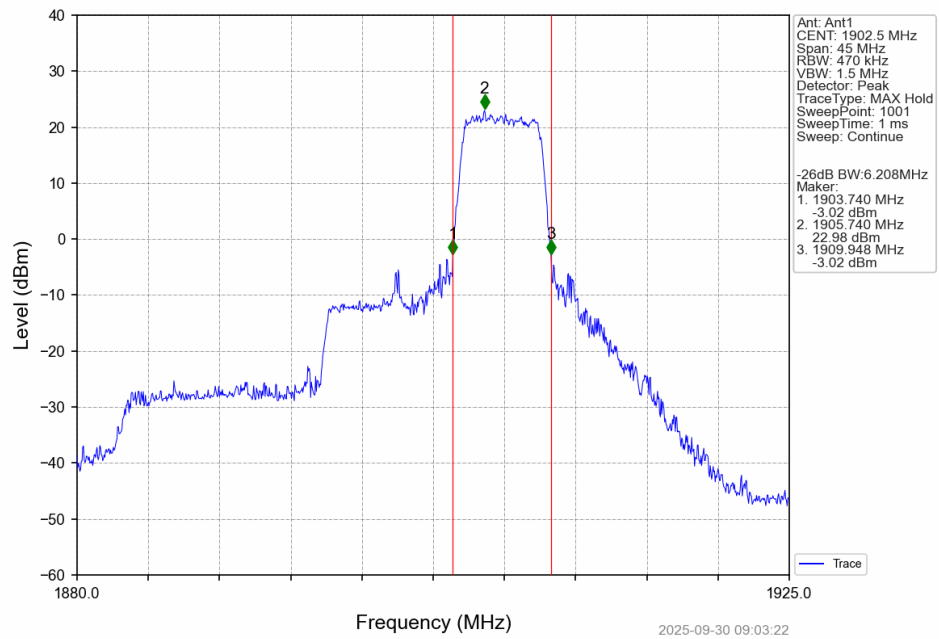
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_27_0_NTNV



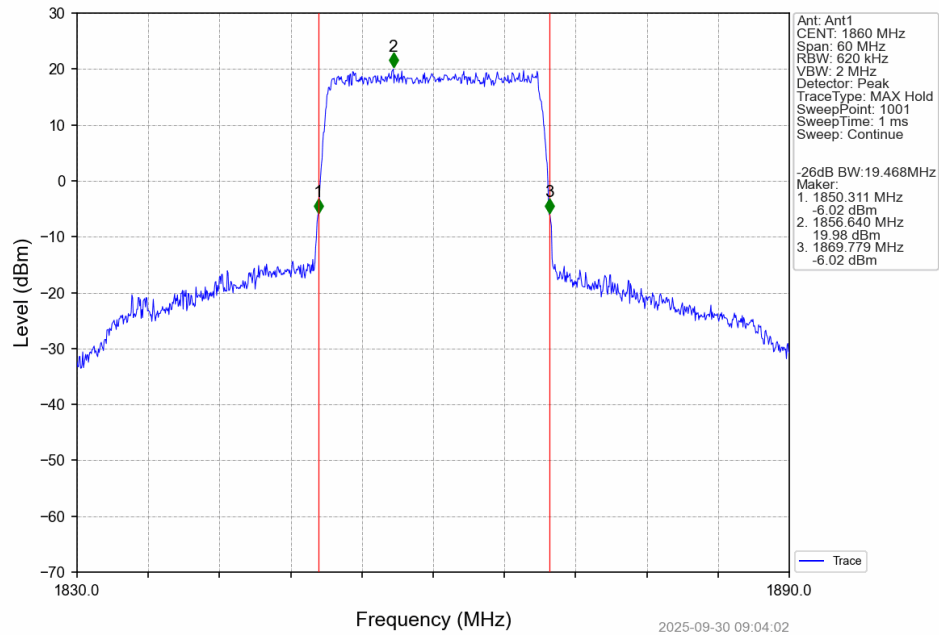
Band2_15MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



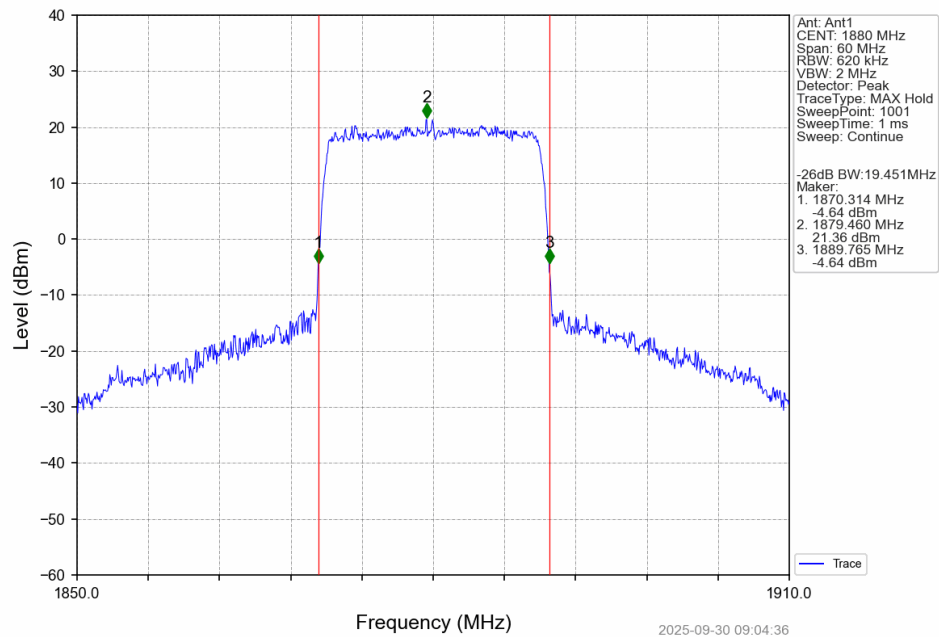
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_27_48_NTNV



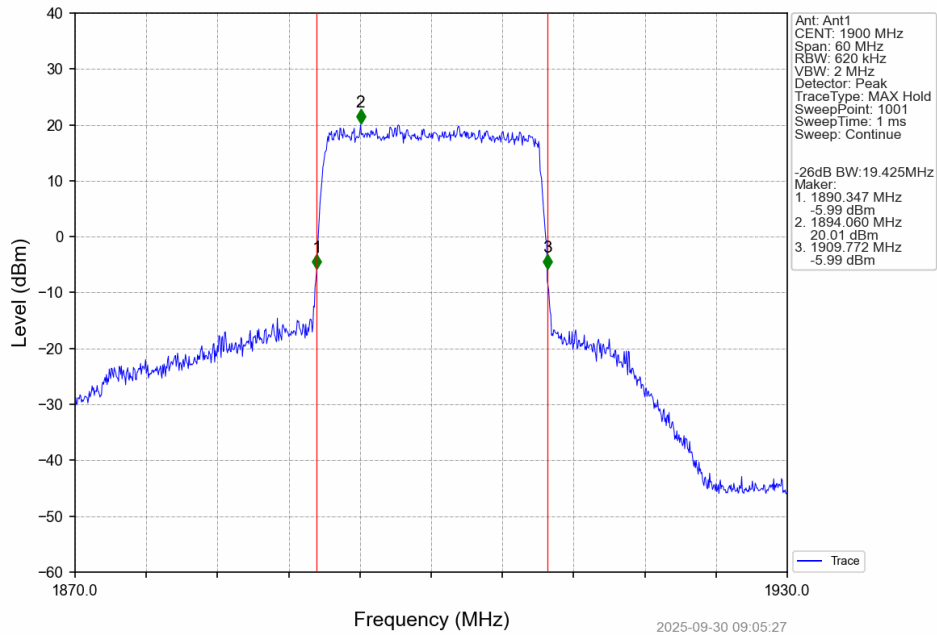
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



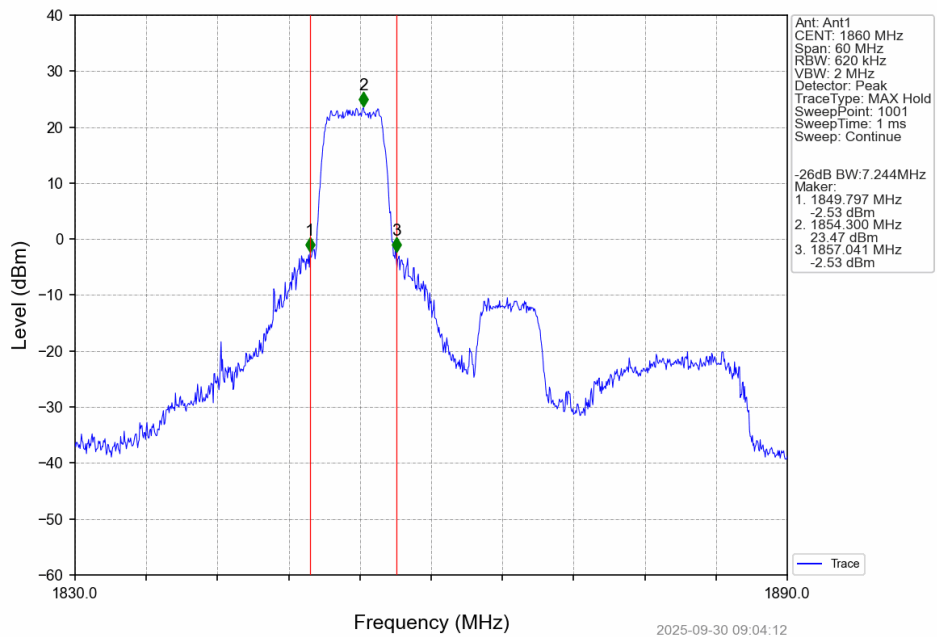
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



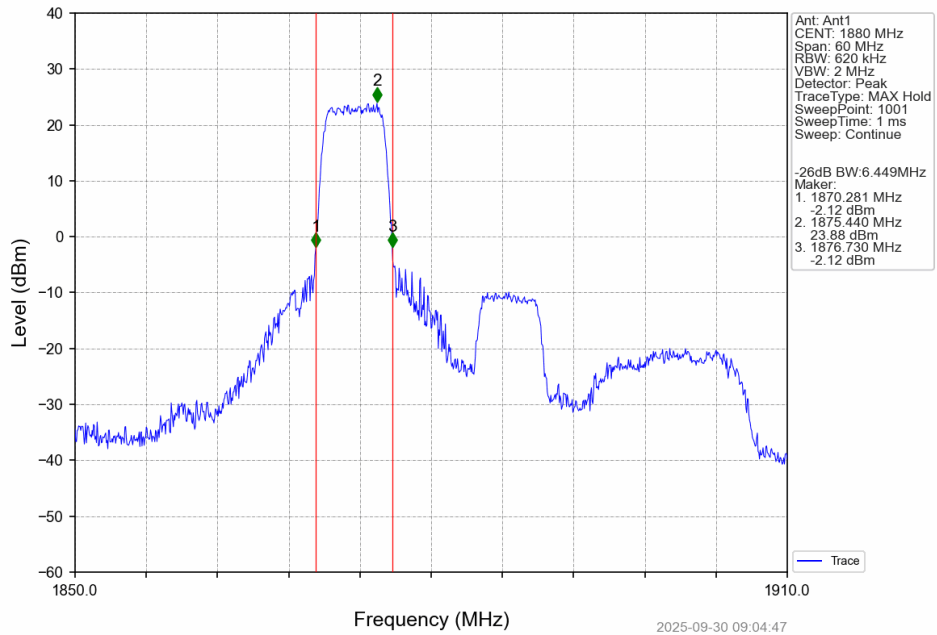
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



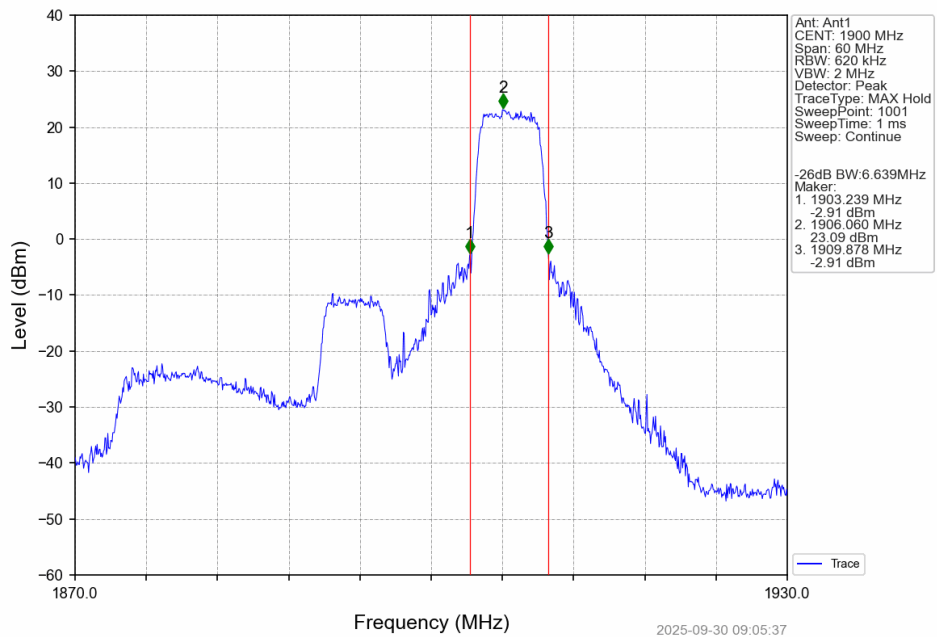
Band2_20MHz_16QAM_LCH_1860MHz_RB_27_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_27_73_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	3.67	<=13	Pass
	1880	6	0	4.52	<=13	Pass
	1909.3	6	0	4.61	<=13	Pass
16QAM	1850.7	6	0	4.56	<=13	Pass
	1880	6	0	5.33	<=13	Pass
	1909.3	6	0	5.43	<=13	Pass

5.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	4.15	<=13	Pass
	1880	15	0	4.88	<=13	Pass
	1908.5	15	0	4.88	<=13	Pass
16QAM	1851.5	15	0	4.97	<=13	Pass
	1880	15	0	5.60	<=13	Pass
	1908.5	15	0	5.68	<=13	Pass

5.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	4.74	<=13	Pass
	1880	25	0	5.15	<=13	Pass
	1907.5	25	0	5.21	<=13	Pass
16QAM	1852.5	25	0	5.41	<=13	Pass
	1880	25	0	5.82	<=13	Pass
	1907.5	25	0	5.87	<=13	Pass

5.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	4.97	<=13	Pass
	1880	50	0	5.16	<=13	Pass
	1905	50	0	5.15	<=13	Pass
16QAM	1855	27	0	5.15	<=13	Pass
	1880	27	0	8.99	<=13	Pass

	1905	27	23	5.67	<=13	Pass
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5.1.5 B2_15MHz

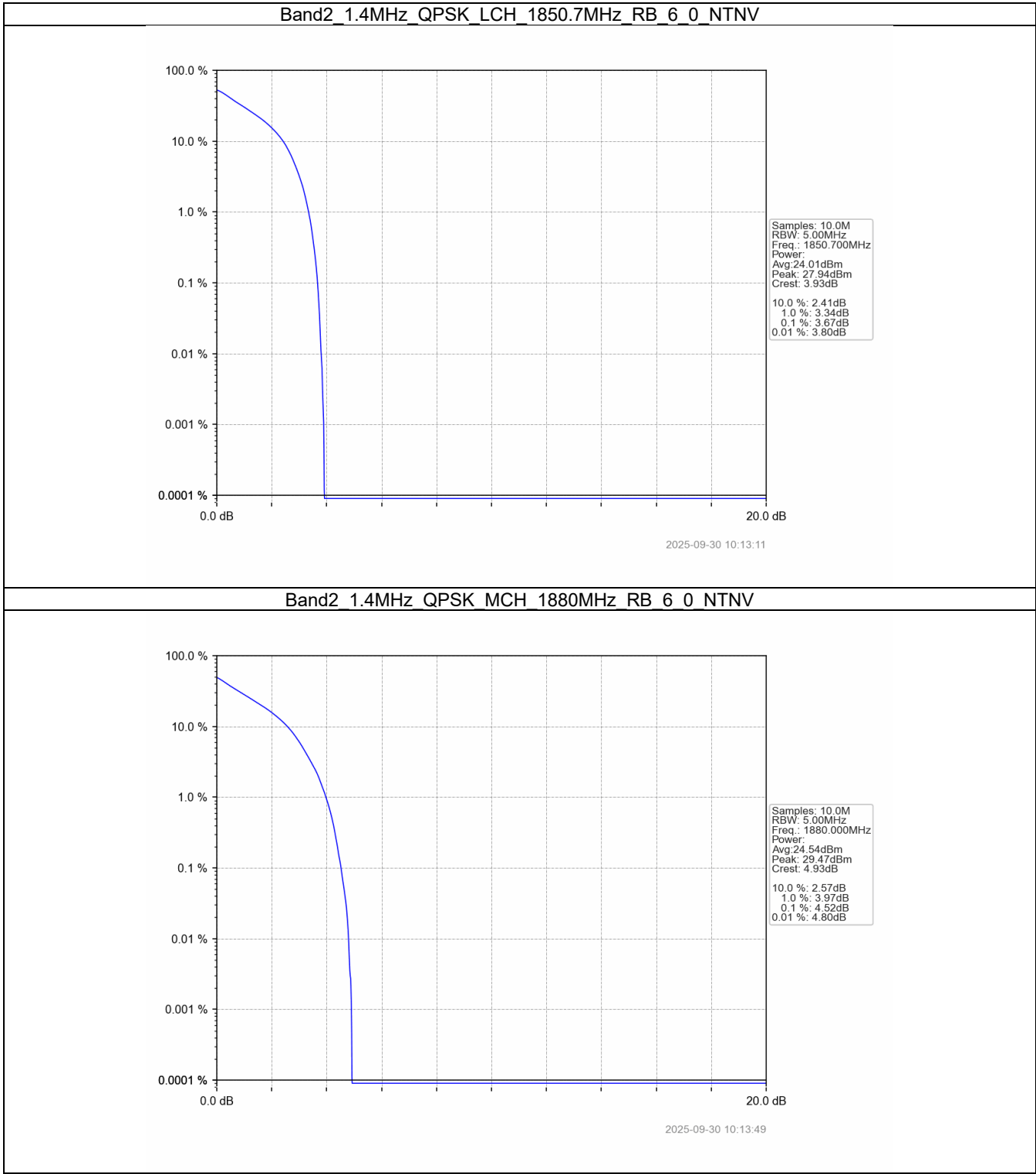
Band: 2 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.35	<=13	Pass
	1880	75	0	5.40	<=13	Pass
	1902.5	75	0	5.49	<=13	Pass
16QAM	1857.5	27	0	5.08	<=13	Pass
	1880	27	0	5.83	<=13	Pass
	1902.5	27	48	5.53	<=13	Pass

5.1.6 B2_20MHz

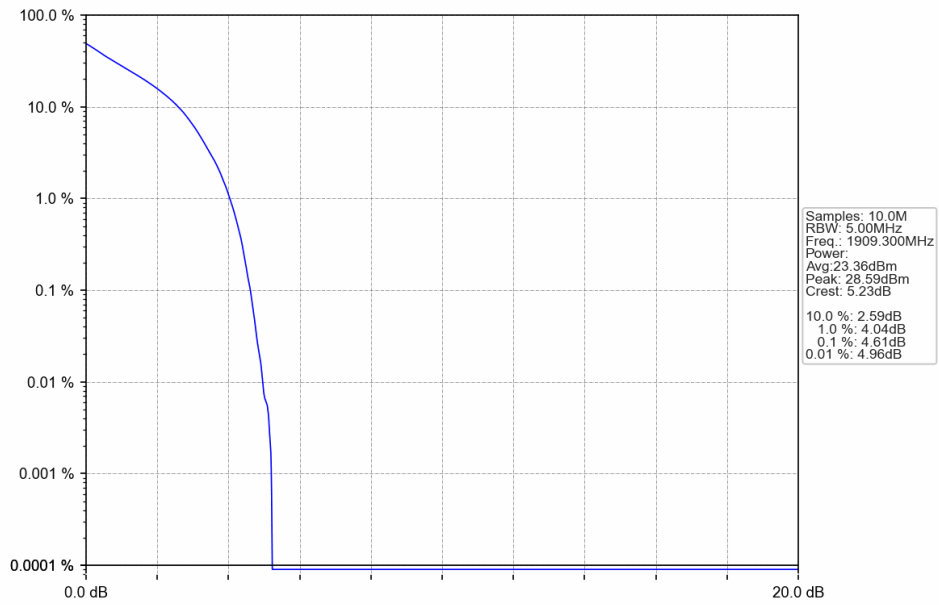
Band: 2 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.20	<=13	Pass
	1880	100	0	5.12	<=13	Pass
	1900	100	0	8.39	<=13	Pass
16QAM	1860	27	0	5.16	<=13	Pass
	1880	27	0	6.00	<=13	Pass
	1900	27	73	5.54	<=13	Pass

5.2 Test Graph

5.2.1 B2_1.4MHz

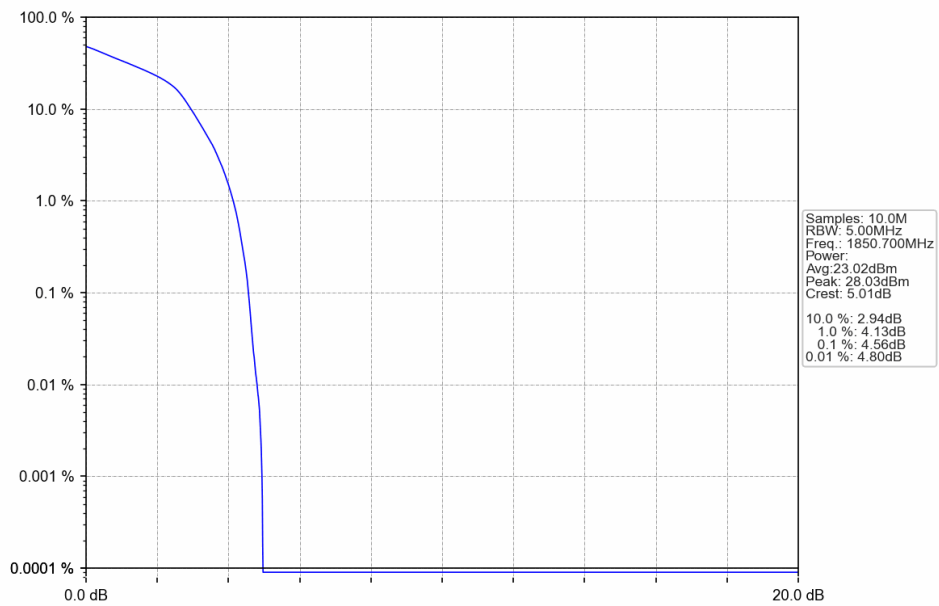


Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



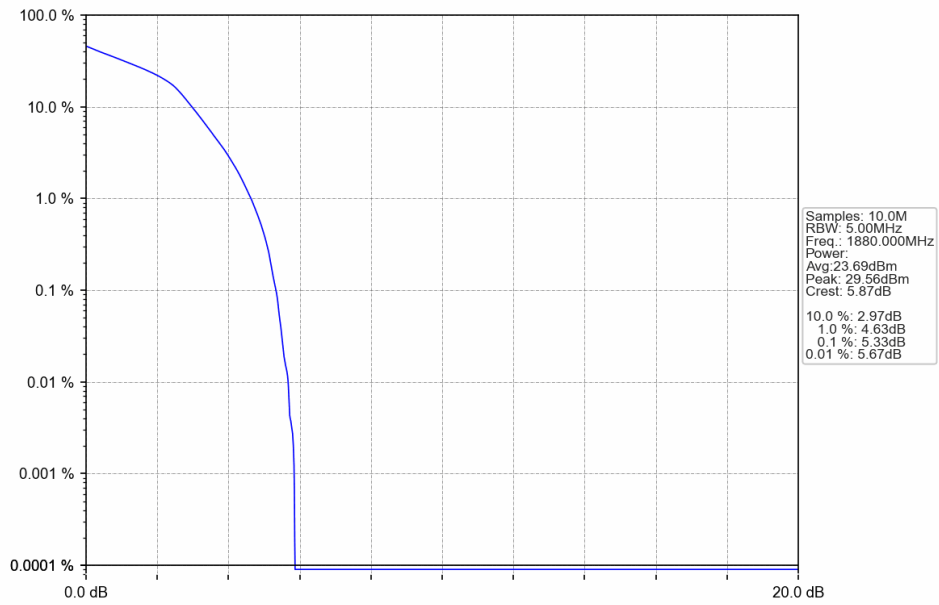
2025-09-30 10:14:31

Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



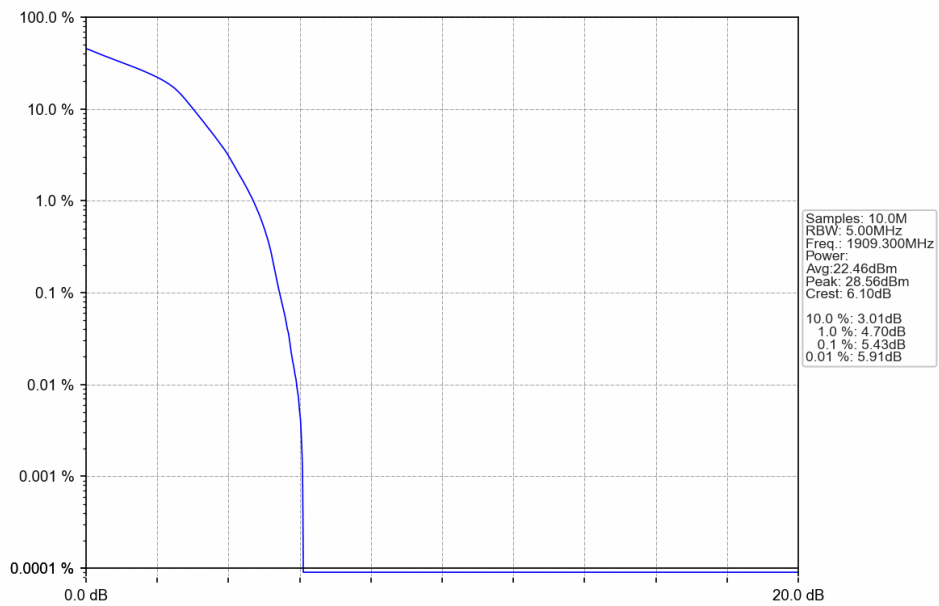
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Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



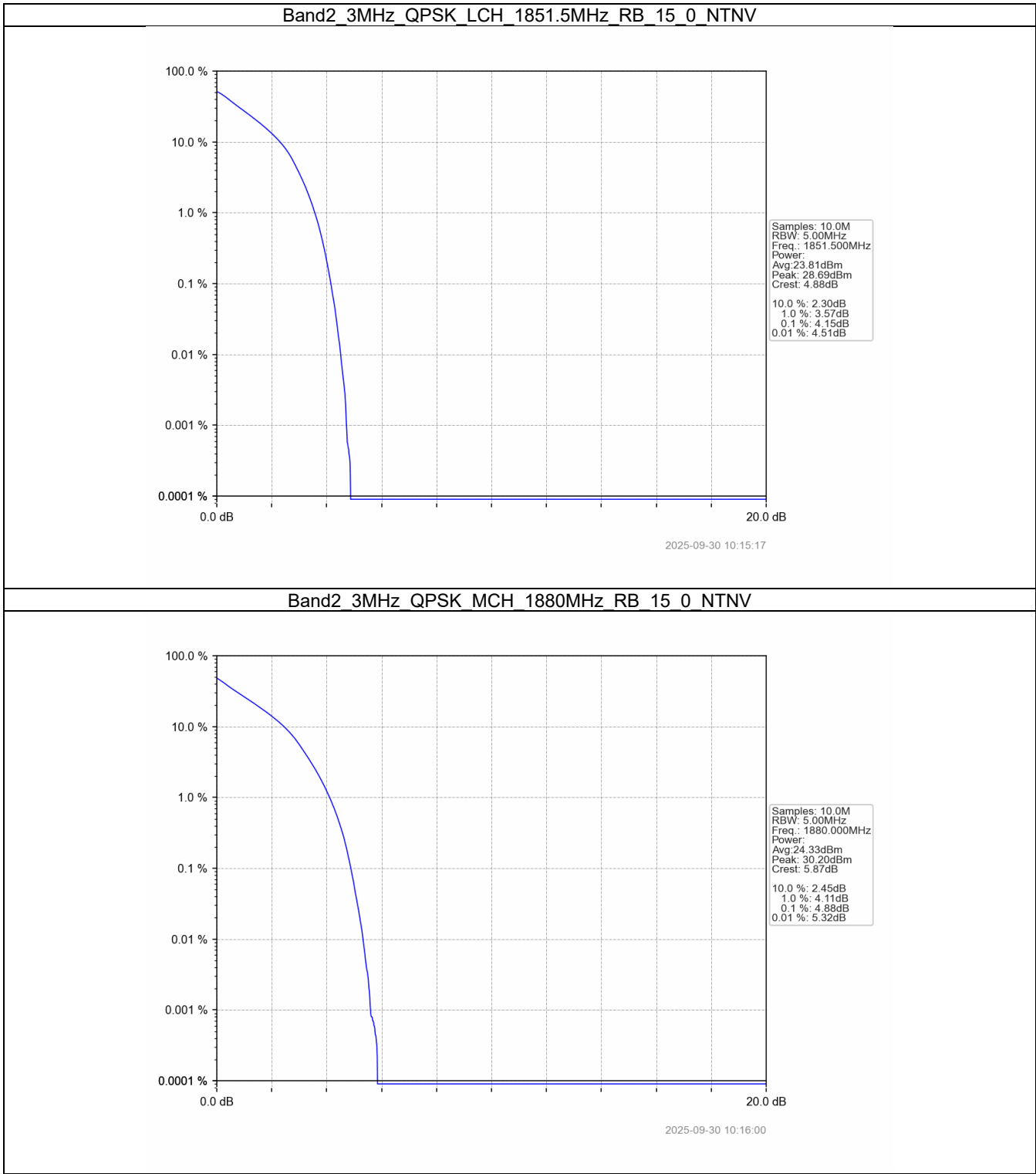
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Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV

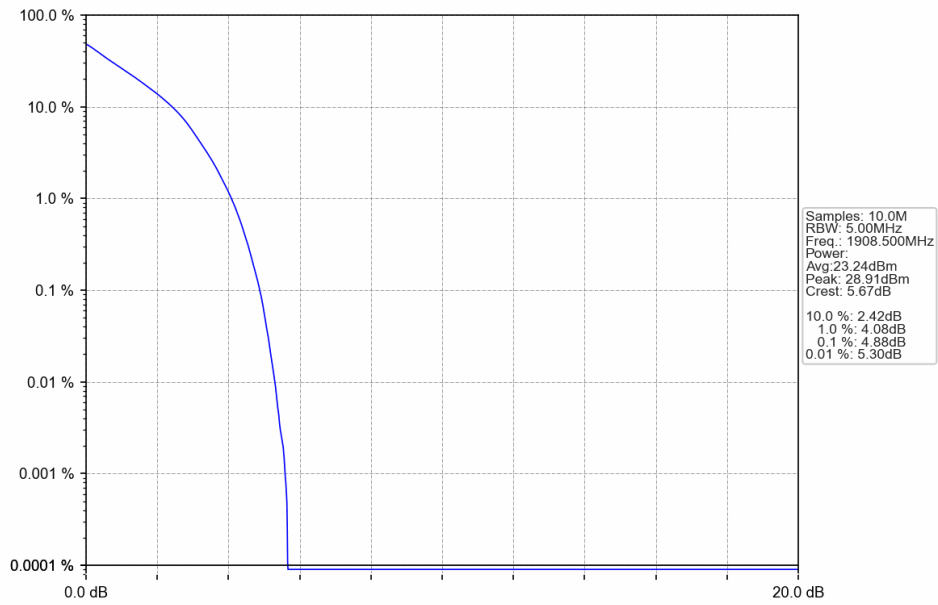


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5.2.2 B2_3MHz

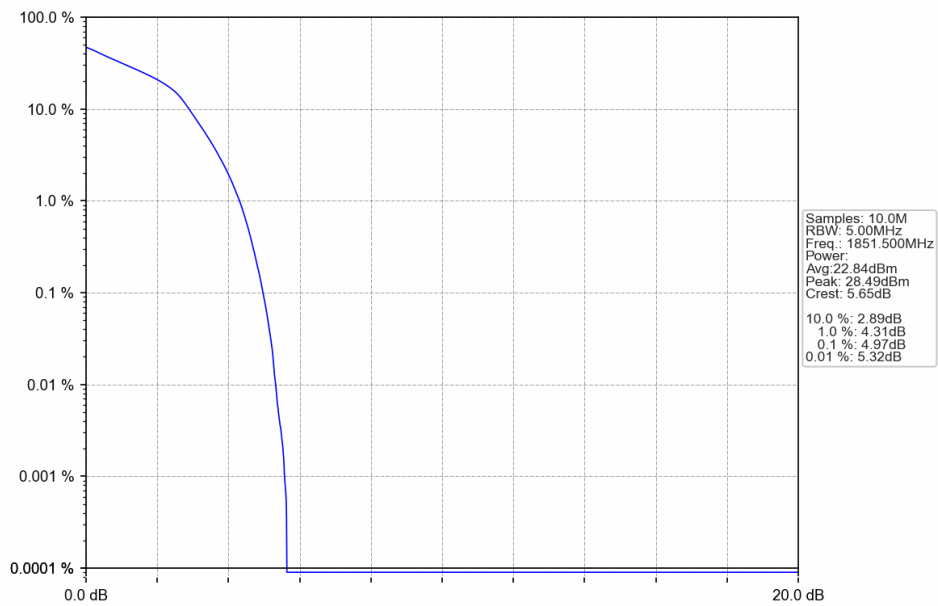


Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



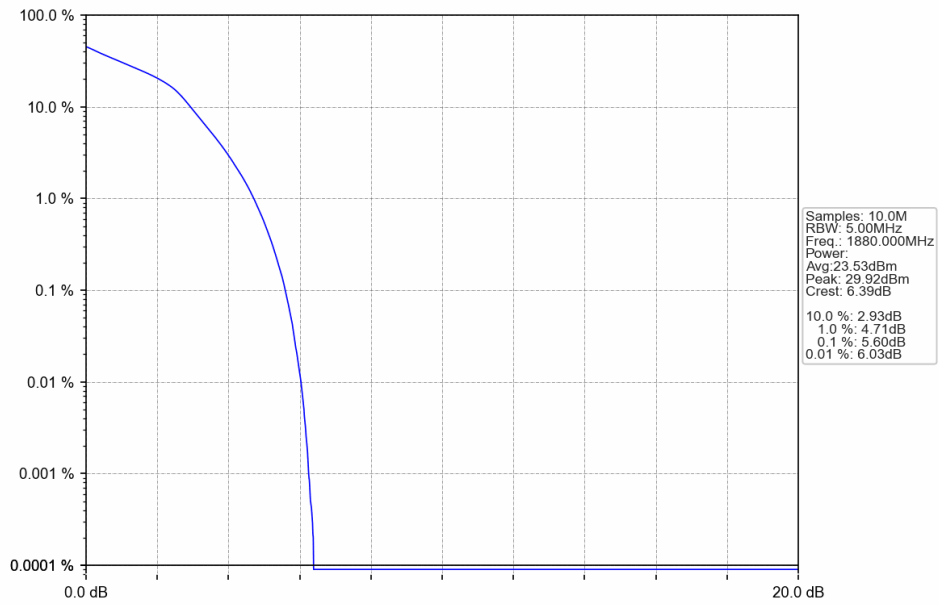
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Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



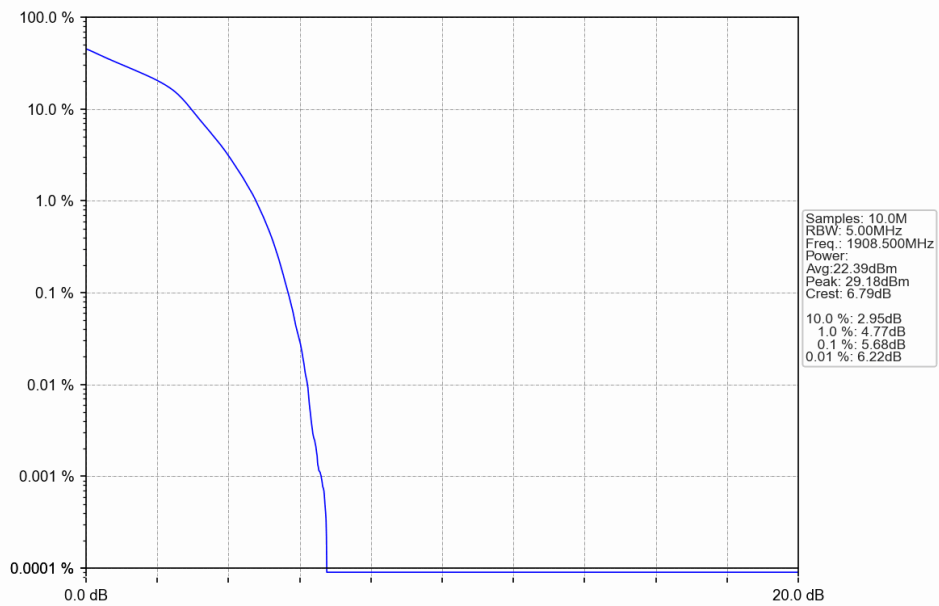
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Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



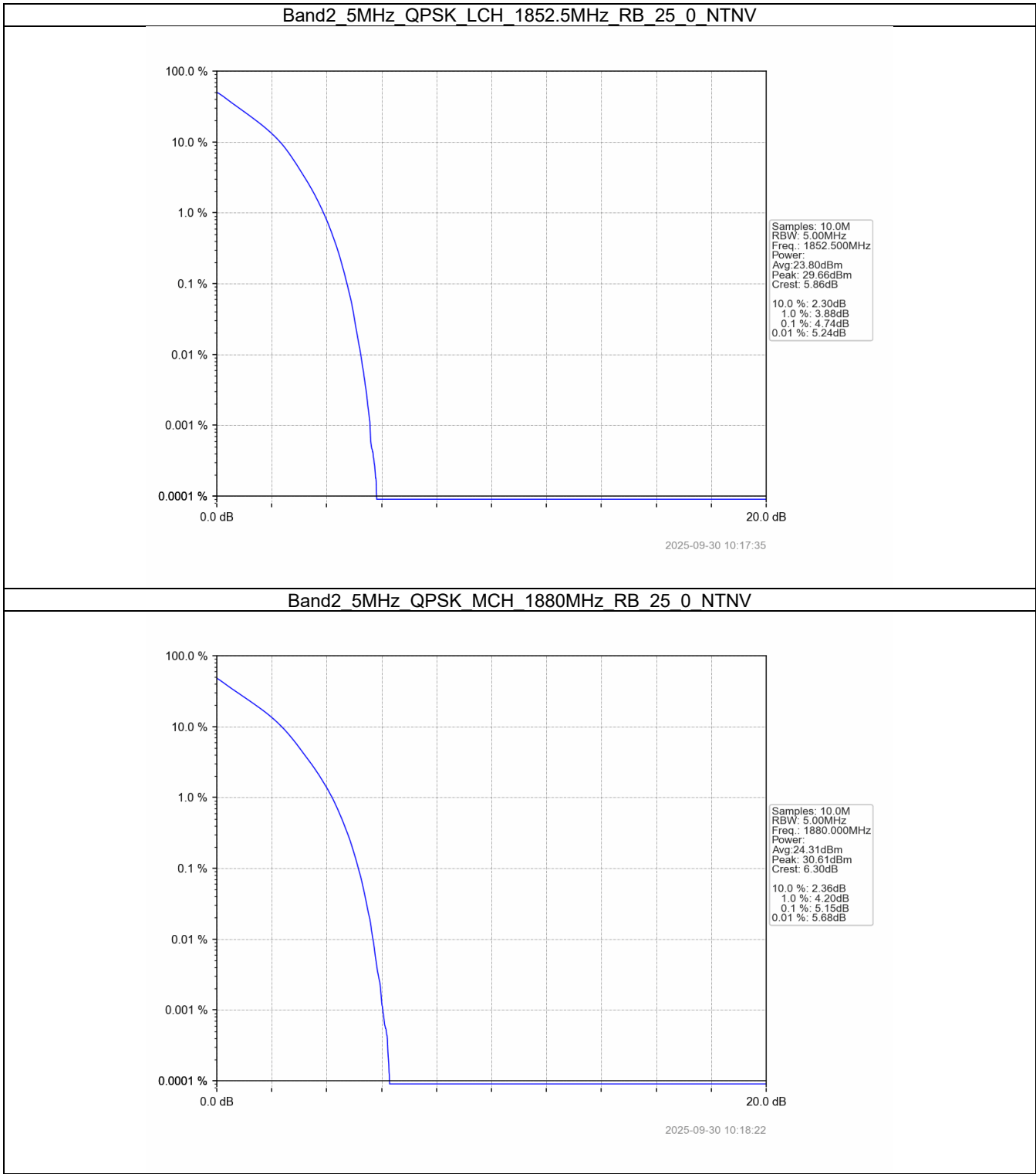
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Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV

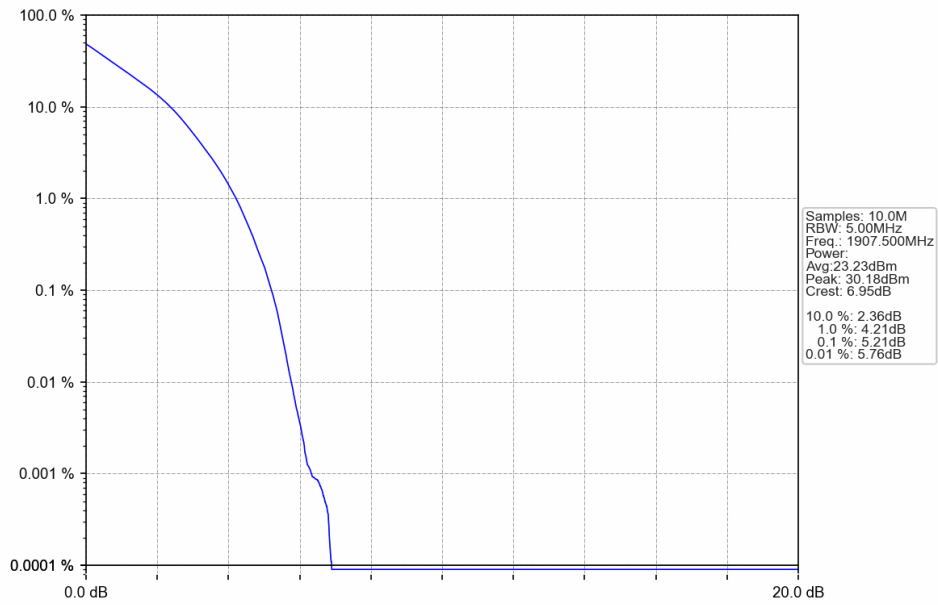


2025-09-30 10:17:08

5.2.3 B2_5MHz

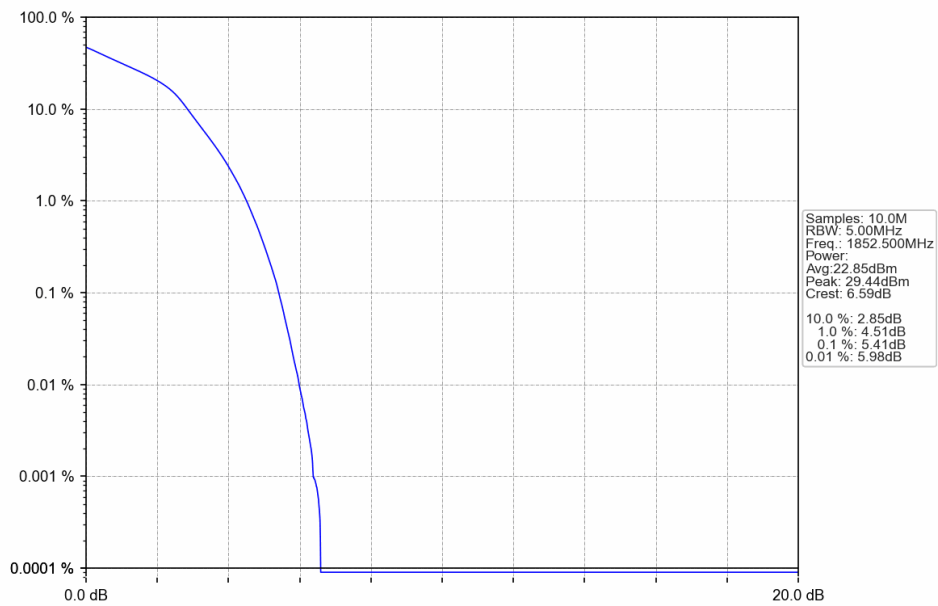


Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



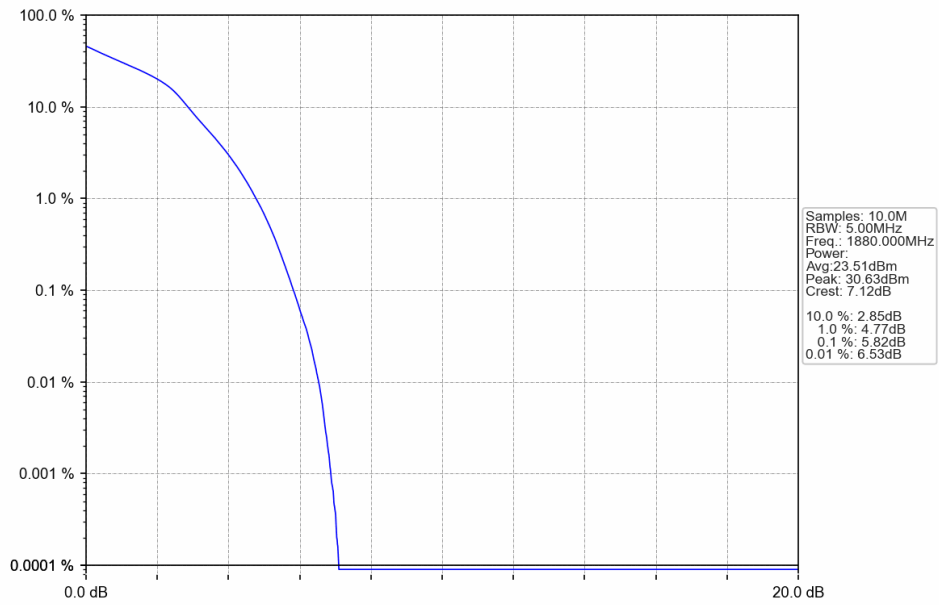
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Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



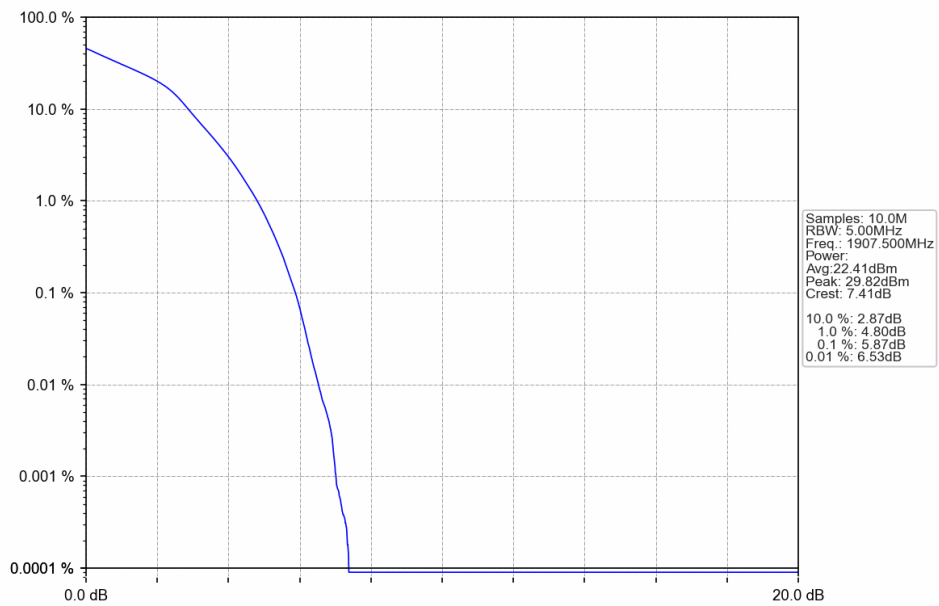
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Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



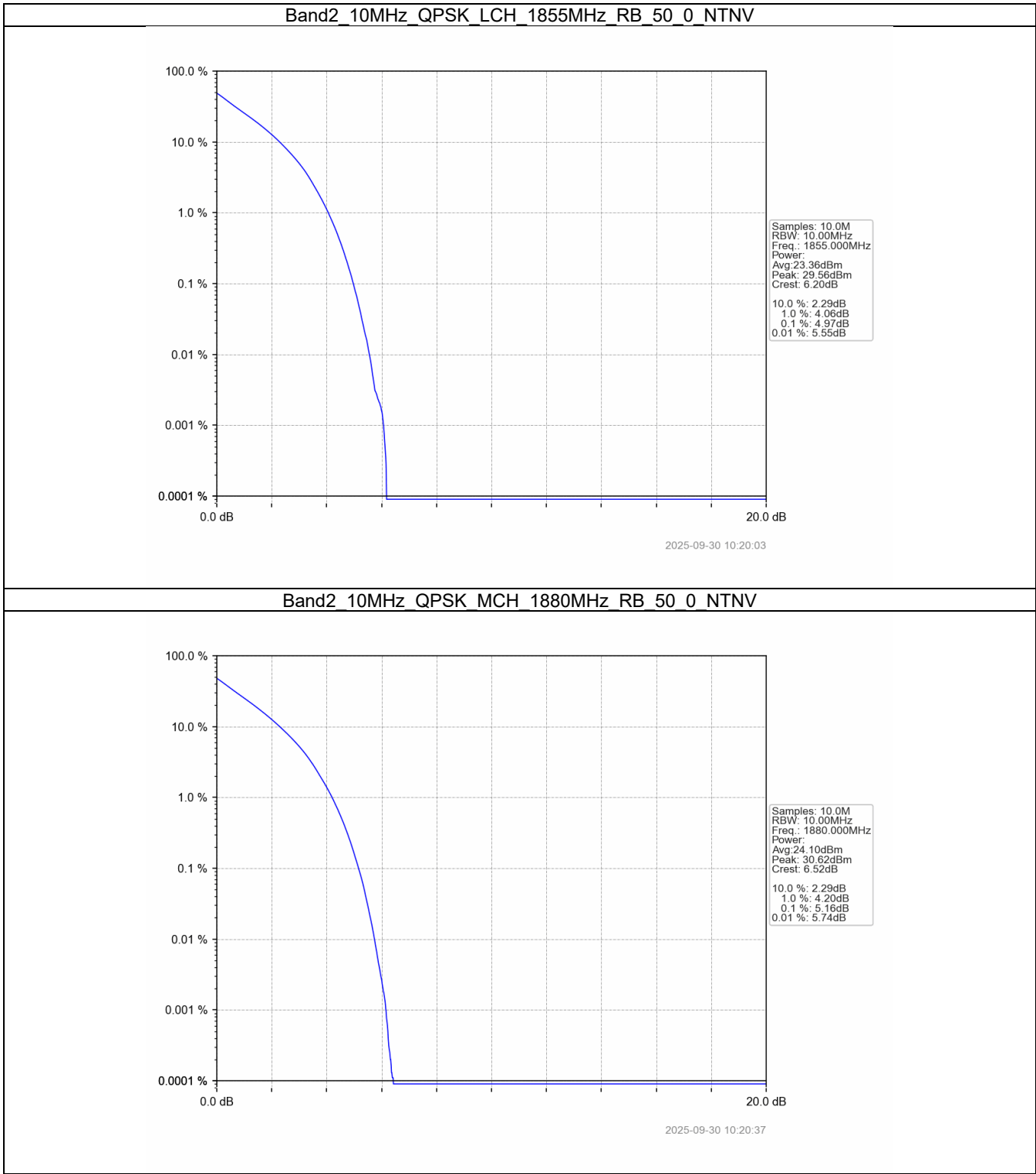
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Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV

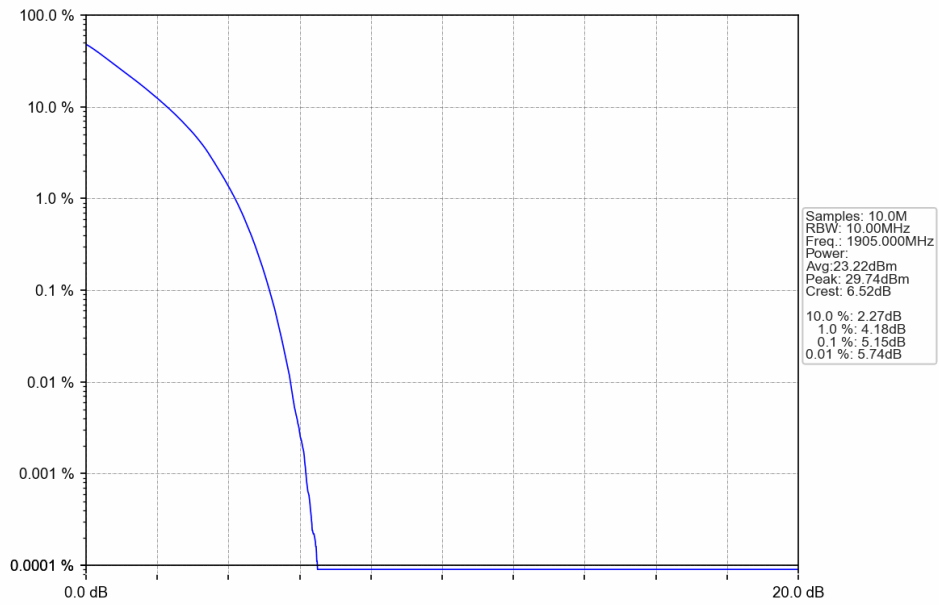


2025-09-30 10:19:38

5.2.4 B2_10MHz

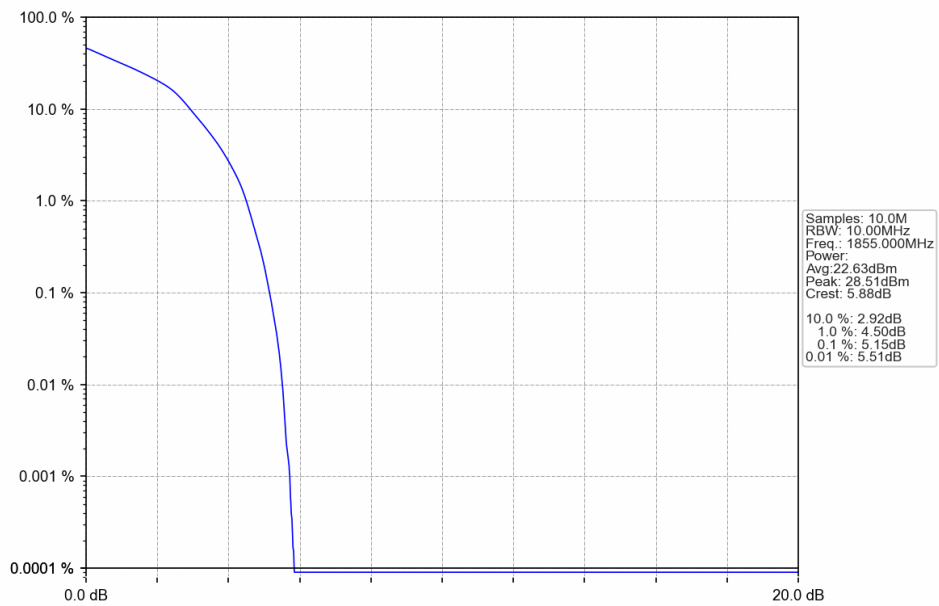


Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



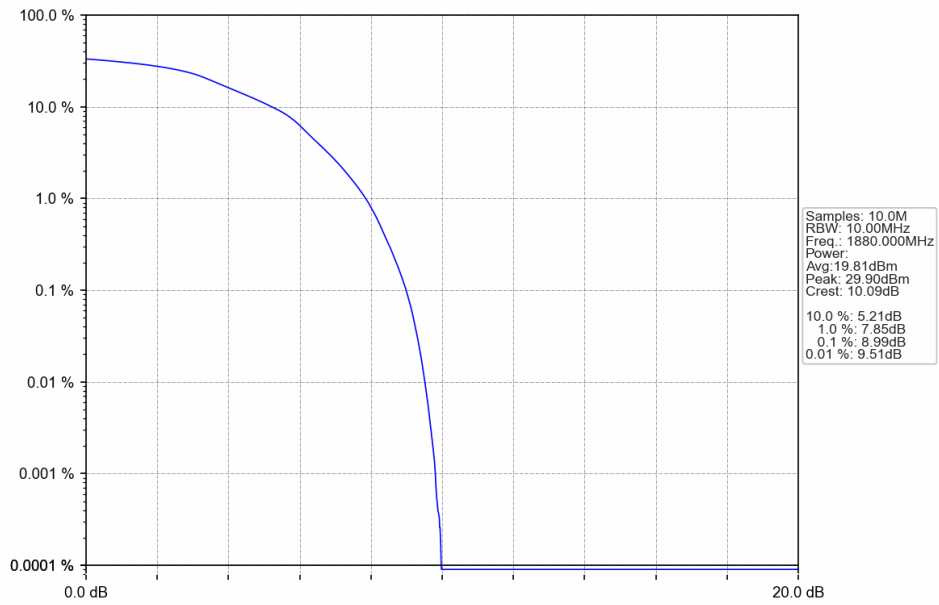
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Band2_10MHz_16QAM_LCH_1855MHz_RB_27_0_NTNV



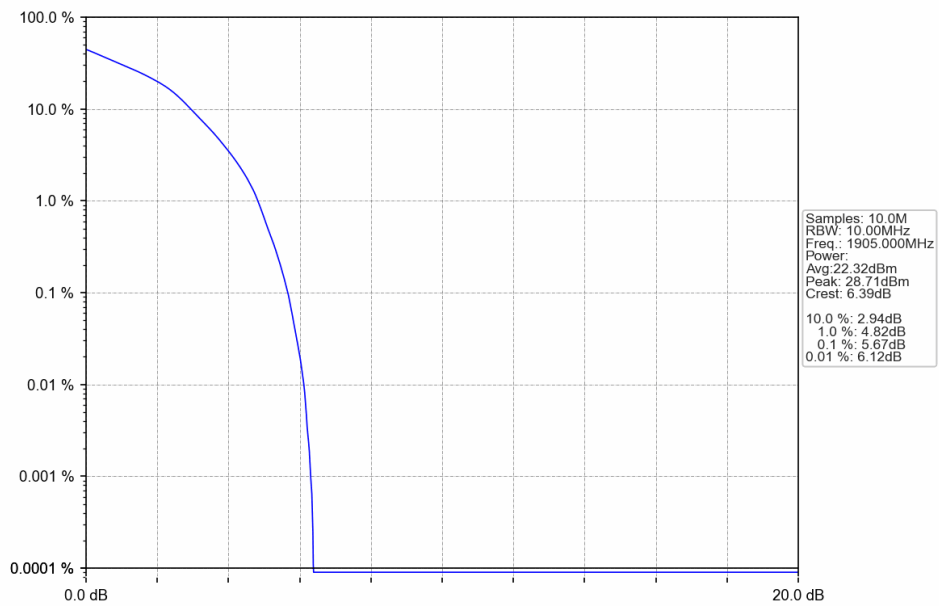
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Band2_10MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



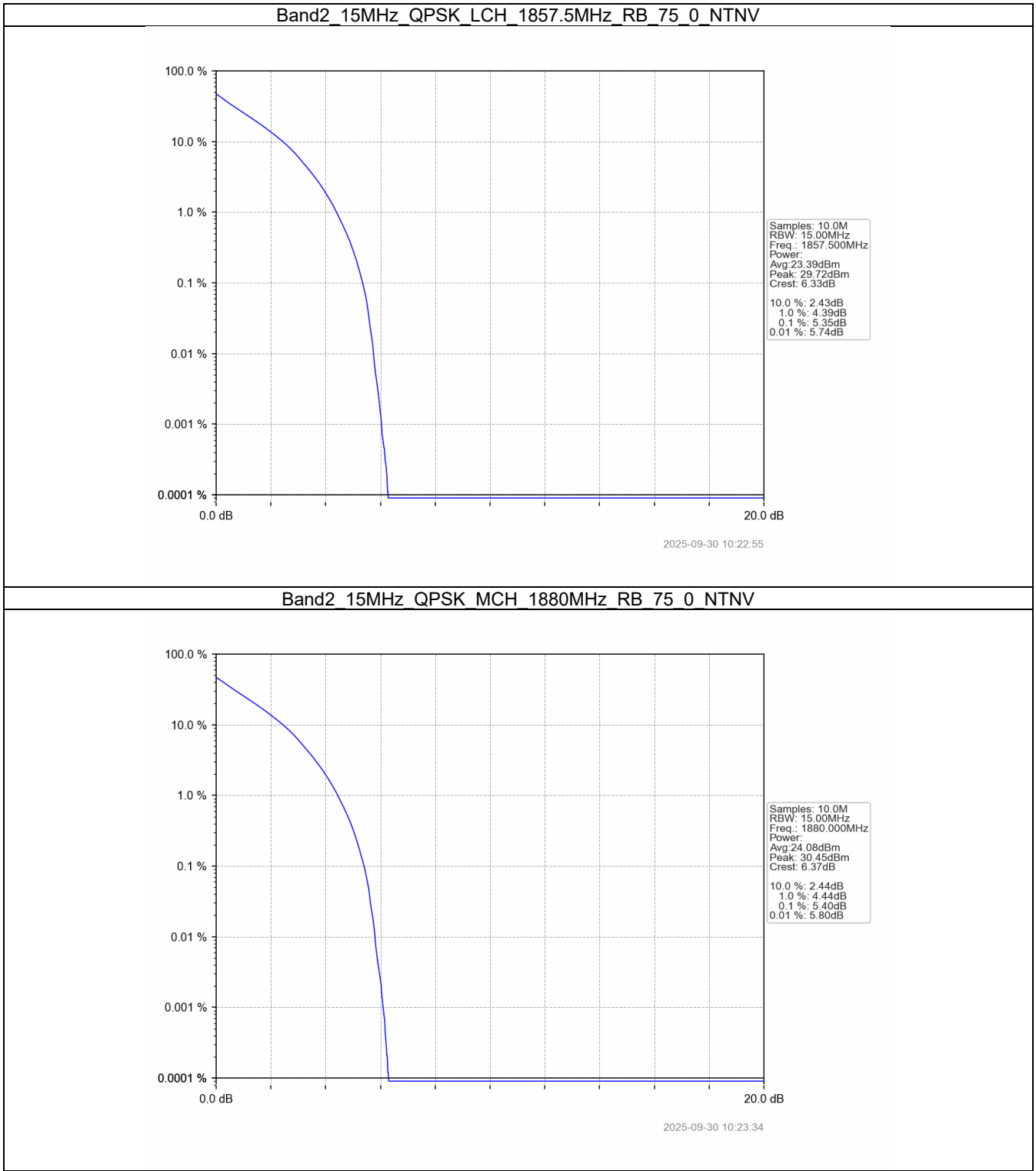
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Band2_10MHz_16QAM_HCH_1905MHz_RB_27_23_NTNV

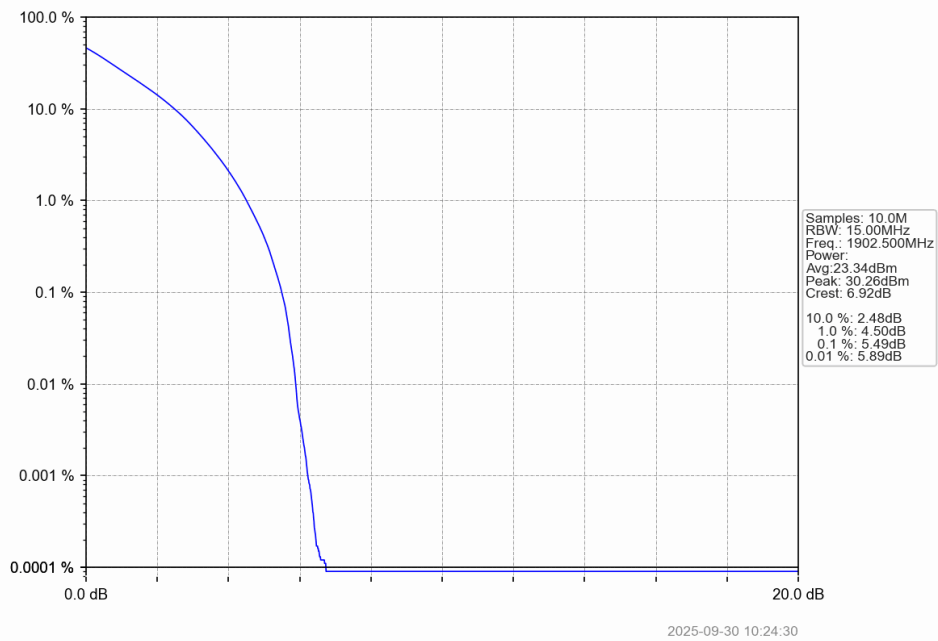


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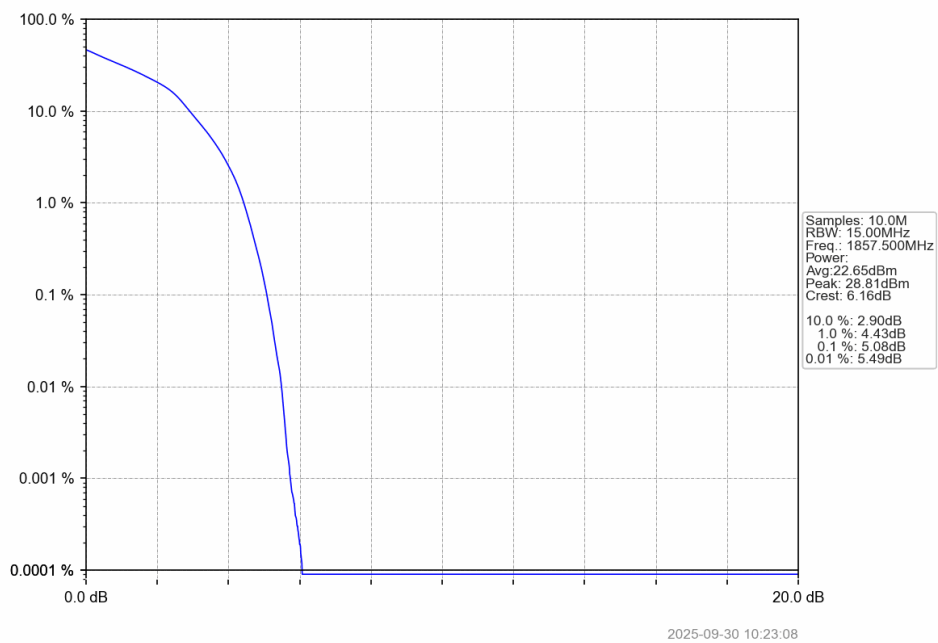
5.2.5 B2_15MHz



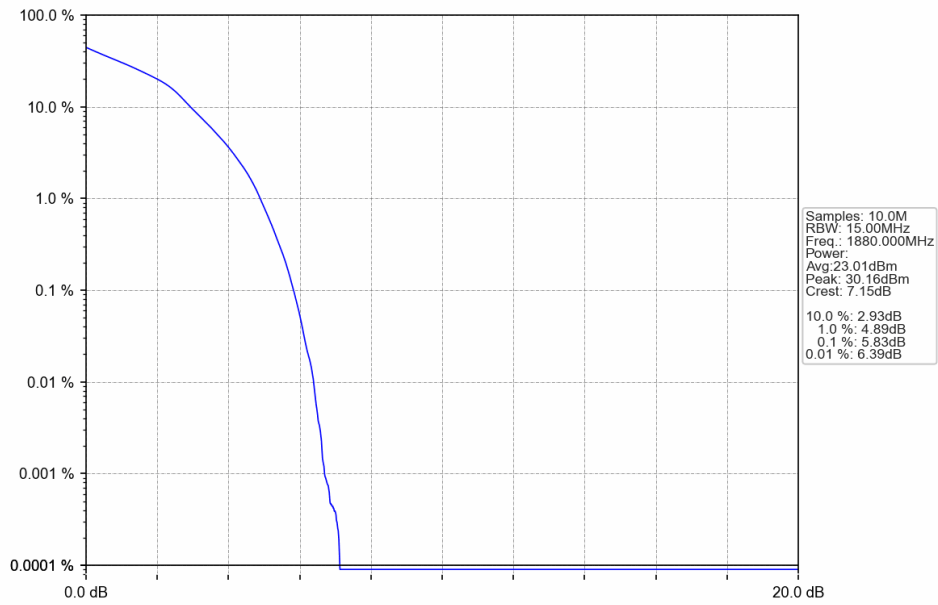
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_LCH_1857.5MHz_RB_27_0_NTNV

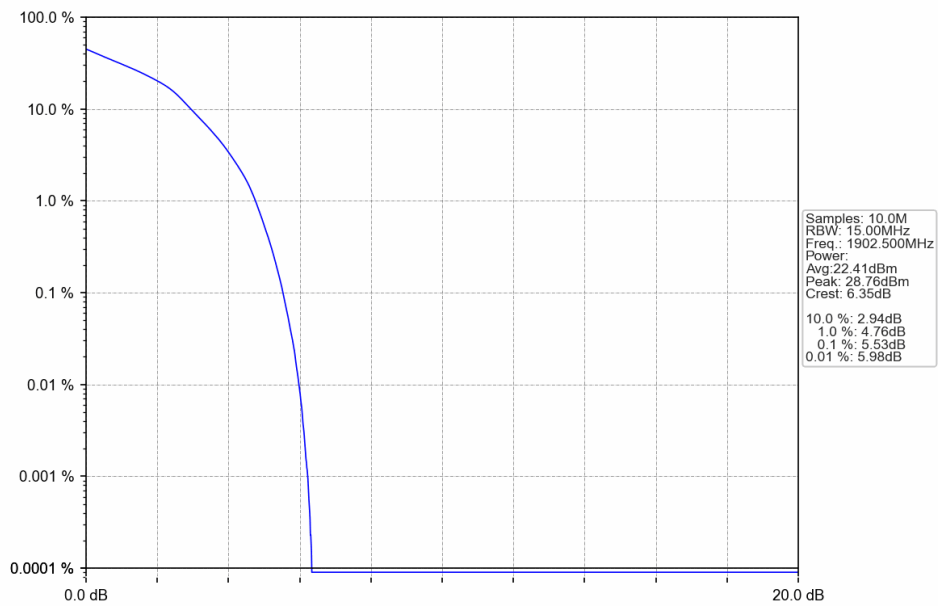


Band2_15MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV



2025-09-30 10:23:48

Band2_15MHz_16QAM_HCH_1902.5MHz_RB_27_48_NTNV



2025-09-30 10:24:43