



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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Rev.: 01

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Appendix B.7

LTE Band 2



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Shenzhen Branch

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1. Effective (Isotropic) Radiated Power Output Data

Ant41

1.1 B2_1.4MHz_EIRP

1.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1850.7	1	0	23.58	-2.21	21.37	<=33.01	Pass
			2	23.61	-2.21	21.40	<=33.01	Pass
			5	23.65	-2.21	21.44	<=33.01	Pass
		3	0	23.56	-2.21	21.35	<=33.01	Pass
			2	23.63	-2.21	21.42	<=33.01	Pass
			3	23.61	-2.21	21.40	<=33.01	Pass
		6	0	22.59	-2.21	20.38	<=33.01	Pass
	1880	1	0	23.61	-2.21	21.40	<=33.01	Pass
			2	23.64	-2.21	21.43	<=33.01	Pass
			5	23.61	-2.21	21.40	<=33.01	Pass
		3	0	23.64	-2.21	21.43	<=33.01	Pass
			2	23.65	-2.21	21.44	<=33.01	Pass
			3	23.64	-2.21	21.43	<=33.01	Pass
		6	0	22.64	-2.21	20.43	<=33.01	Pass
	1909.3	1	0	23.39	-2.21	21.18	<=33.01	Pass
			2	23.41	-2.21	21.20	<=33.01	Pass
			5	23.39	-2.21	21.18	<=33.01	Pass
		3	0	23.37	-2.21	21.16	<=33.01	Pass
			2	23.36	-2.21	21.15	<=33.01	Pass
			3	23.37	-2.21	21.16	<=33.01	Pass
		6	0	22.40	-2.21	20.19	<=33.01	Pass
16QAM	1850.7	1	0	22.71	-2.21	20.50	<=33.01	Pass
			2	22.74	-2.21	20.53	<=33.01	Pass
			5	22.70	-2.21	20.49	<=33.01	Pass
		3	0	22.61	-2.21	20.40	<=33.01	Pass
			2	22.64	-2.21	20.43	<=33.01	Pass
			3	22.65	-2.21	20.44	<=33.01	Pass
		6	0	21.55	-2.21	19.34	<=33.01	Pass
	1880	1	0	22.65	-2.21	20.44	<=33.01	Pass
			2	22.77	-2.21	20.56	<=33.01	Pass
			5	22.71	-2.21	20.50	<=33.01	Pass
		3	0	22.67	-2.21	20.46	<=33.01	Pass
			2	22.69	-2.21	20.48	<=33.01	Pass
			3	22.69	-2.21	20.48	<=33.01	Pass
		6	0	21.69	-2.21	19.48	<=33.01	Pass



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64QAM	1909.3	1	0	22.48	-2.21	20.27	<=33.01	Pass
			2	22.57	-2.21	20.36	<=33.01	Pass
			5	22.56	-2.21	20.35	<=33.01	Pass
		3	0	22.49	-2.21	20.28	<=33.01	Pass
			2	22.44	-2.21	20.23	<=33.01	Pass
			3	22.39	-2.21	20.18	<=33.01	Pass
		6	0	21.39	-2.21	19.18	<=33.01	Pass
	1850.7	1	0	21.74	-2.21	19.53	<=33.01	Pass
			2	21.78	-2.21	19.57	<=33.01	Pass
			5	21.85	-2.21	19.64	<=33.01	Pass
		3	0	21.68	-2.21	19.47	<=33.01	Pass
			2	21.68	-2.21	19.47	<=33.01	Pass
			3	21.62	-2.21	19.41	<=33.01	Pass
		6	0	20.61	-2.21	18.40	<=33.01	Pass
	1880	1	0	21.76	-2.21	19.55	<=33.01	Pass
			2	21.75	-2.21	19.54	<=33.01	Pass
			5	21.75	-2.21	19.54	<=33.01	Pass
		3	0	21.72	-2.21	19.51	<=33.01	Pass
			2	21.69	-2.21	19.48	<=33.01	Pass
			3	21.73	-2.21	19.52	<=33.01	Pass
		6	0	20.68	-2.21	18.47	<=33.01	Pass
	1909.3	1	0	21.50	-2.21	19.29	<=33.01	Pass
			2	21.49	-2.21	19.28	<=33.01	Pass
			5	21.40	-2.21	19.19	<=33.01	Pass
		3	0	21.43	-2.21	19.22	<=33.01	Pass
			2	21.39	-2.21	19.18	<=33.01	Pass
			3	21.41	-2.21	19.20	<=33.01	Pass
		6	0	20.34	-2.21	18.13	<=33.01	Pass

1.2 B2_3MHz_EIRP

1.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1851.5	1	0	23.53	-2.21	21.32	<=33.01	Pass
			7	23.58	-2.21	21.37	<=33.01	Pass
			14	23.48	-2.21	21.27	<=33.01	Pass
		8	0	22.61	-2.21	20.40	<=33.01	Pass
			4	22.67	-2.21	20.46	<=33.01	Pass
			7	22.63	-2.21	20.42	<=33.01	Pass
		15	0	22.60	-2.21	20.39	<=33.01	Pass
	1880	1	0	23.64	-2.21	21.43	<=33.01	Pass
			7	23.76	-2.21	21.55	<=33.01	Pass
			14	23.58	-2.21	21.37	<=33.01	Pass



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16QAM	8	0	22.55	-2.21	20.34	<=33.01	Pass
		4	22.58	-2.21	20.37	<=33.01	Pass
		7	22.55	-2.21	20.34	<=33.01	Pass
	15	0	22.57	-2.21	20.36	<=33.01	Pass
		0	23.38	-2.21	21.17	<=33.01	Pass
		7	23.44	-2.21	21.23	<=33.01	Pass
	1908.5	14	23.40	-2.21	21.19	<=33.01	Pass
		0	22.41	-2.21	20.20	<=33.01	Pass
		4	22.41	-2.21	20.20	<=33.01	Pass
		7	22.41	-2.21	20.20	<=33.01	Pass
	15	0	22.40	-2.21	20.19	<=33.01	Pass
		0	22.79	-2.21	20.58	<=33.01	Pass
		7	22.85	-2.21	20.64	<=33.01	Pass
	1851.5	14	22.71	-2.21	20.50	<=33.01	Pass
		0	21.67	-2.21	19.46	<=33.01	Pass
		4	21.70	-2.21	19.49	<=33.01	Pass
64QAM	1880	7	21.66	-2.21	19.45	<=33.01	Pass
		0	21.63	-2.21	19.42	<=33.01	Pass
		0	22.80	-2.21	20.59	<=33.01	Pass
	1908.5	7	22.78	-2.21	20.57	<=33.01	Pass
		14	22.72	-2.21	20.51	<=33.01	Pass
		0	21.65	-2.21	19.44	<=33.01	Pass
	1851.5	4	21.63	-2.21	19.42	<=33.01	Pass
		7	21.63	-2.21	19.42	<=33.01	Pass
		0	21.60	-2.21	19.39	<=33.01	Pass
	1880	0	22.48	-2.21	20.27	<=33.01	Pass
		7	22.57	-2.21	20.36	<=33.01	Pass
		14	22.50	-2.21	20.29	<=33.01	Pass
	1908.5	0	21.42	-2.21	19.21	<=33.01	Pass
		4	21.49	-2.21	19.28	<=33.01	Pass
		7	21.44	-2.21	19.23	<=33.01	Pass
64QAM	1880	0	21.45	-2.21	19.24	<=33.01	Pass
		0	21.65	-2.21	19.44	<=33.01	Pass
		7	21.74	-2.21	19.53	<=33.01	Pass
	1851.5	14	21.65	-2.21	19.44	<=33.01	Pass
		0	20.62	-2.21	18.41	<=33.01	Pass
		4	20.73	-2.21	18.52	<=33.01	Pass
	1908.5	7	20.63	-2.21	18.42	<=33.01	Pass
		0	20.59	-2.21	18.38	<=33.01	Pass
		0	21.72	-2.21	19.51	<=33.01	Pass
	1880	7	21.83	-2.21	19.62	<=33.01	Pass
		14	21.82	-2.21	19.61	<=33.01	Pass
		0	20.77	-2.21	18.56	<=33.01	Pass
	1908.5	4	20.58	-2.21	18.37	<=33.01	Pass
		7	20.50	-2.21	18.29	<=33.01	Pass
		0	20.61	-2.21	18.40	<=33.01	Pass
64QAM	1908.5	0	21.50	-2.21	19.29	<=33.01	Pass
		7	21.56	-2.21	19.35	<=33.01	Pass



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		14	21.57	-2.21	19.36	<=33.01	Pass
		0	20.38	-2.21	18.17	<=33.01	Pass
	8	4	20.43	-2.21	18.22	<=33.01	Pass
		7	20.44	-2.21	18.23	<=33.01	Pass
	15	0	20.37	-2.21	18.16	<=33.01	Pass

1.3 B2_5MHz_EIRP

1.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	23.57	-2.21	21.36	<=33.01	Pass
			13	23.68	-2.21	21.47	<=33.01	Pass
			24	23.61	-2.21	21.40	<=33.01	Pass
		12	0	22.61	-2.21	20.40	<=33.01	Pass
			6	22.64	-2.21	20.43	<=33.01	Pass
			13	22.64	-2.21	20.43	<=33.01	Pass
		25	0	22.61	-2.21	20.40	<=33.01	Pass
	1880	1	0	23.60	-2.21	21.39	<=33.01	Pass
			13	23.70	-2.21	21.49	<=33.01	Pass
			24	23.58	-2.21	21.37	<=33.01	Pass
		12	0	22.59	-2.21	20.38	<=33.01	Pass
			6	22.61	-2.21	20.40	<=33.01	Pass
			13	22.58	-2.21	20.37	<=33.01	Pass
		25	0	22.62	-2.21	20.41	<=33.01	Pass
	1907.5	1	0	23.41	-2.21	21.20	<=33.01	Pass
			13	23.44	-2.21	21.23	<=33.01	Pass
			24	23.48	-2.21	21.27	<=33.01	Pass
		12	0	22.46	-2.21	20.25	<=33.01	Pass
			6	22.47	-2.21	20.26	<=33.01	Pass
			13	22.44	-2.21	20.23	<=33.01	Pass
		25	0	22.45	-2.21	20.24	<=33.01	Pass
16QAM	1852.5	1	0	22.63	-2.21	20.42	<=33.01	Pass
			13	22.71	-2.21	20.50	<=33.01	Pass
			24	22.65	-2.21	20.44	<=33.01	Pass
		12	0	21.59	-2.21	19.38	<=33.01	Pass
			6	21.68	-2.21	19.47	<=33.01	Pass
			13	21.54	-2.21	19.33	<=33.01	Pass
		25	0	21.65	-2.21	19.44	<=33.01	Pass
	1880	1	0	22.82	-2.21	20.61	<=33.01	Pass
			13	22.85	-2.21	20.64	<=33.01	Pass
			24	22.75	-2.21	20.54	<=33.01	Pass
		12	0	21.59	-2.21	19.38	<=33.01	Pass
			6	21.66	-2.21	19.45	<=33.01	Pass



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			13	21.54	-2.21	19.33	<=33.01	Pass
		25	0	21.59	-2.21	19.38	<=33.01	Pass
	1907.5	1	0	22.57	-2.21	20.36	<=33.01	Pass
			13	22.62	-2.21	20.41	<=33.01	Pass
			24	22.59	-2.21	20.38	<=33.01	Pass
		12	0	21.47	-2.21	19.26	<=33.01	Pass
			6	21.45	-2.21	19.24	<=33.01	Pass
			13	21.42	-2.21	19.21	<=33.01	Pass
		25	0	21.46	-2.21	19.25	<=33.01	Pass
64QAM	1852.5	1	0	21.76	-2.21	19.55	<=33.01	Pass
			13	21.79	-2.21	19.58	<=33.01	Pass
			24	21.78	-2.21	19.57	<=33.01	Pass
		12	0	20.63	-2.21	18.42	<=33.01	Pass
			6	20.66	-2.21	18.45	<=33.01	Pass
			13	20.63	-2.21	18.42	<=33.01	Pass
	25	0	20.61	-2.21	18.40	<=33.01	Pass	
	1880	1	0	21.72	-2.21	19.51	<=33.01	Pass
			13	21.81	-2.21	19.60	<=33.01	Pass
			24	21.70	-2.21	19.49	<=33.01	Pass
		12	0	20.62	-2.21	18.41	<=33.01	Pass
			6	20.67	-2.21	18.46	<=33.01	Pass
			13	20.65	-2.21	18.44	<=33.01	Pass
	25	0	20.62	-2.21	18.41	<=33.01	Pass	
	1907.5	1	0	21.45	-2.21	19.24	<=33.01	Pass
			13	21.47	-2.21	19.26	<=33.01	Pass
			24	21.39	-2.21	19.18	<=33.01	Pass
		12	0	20.42	-2.21	18.21	<=33.01	Pass
6			20.49	-2.21	18.28	<=33.01	Pass	
13			20.48	-2.21	18.27	<=33.01	Pass	
25	0	20.45	-2.21	18.24	<=33.01	Pass		

1.4 B2_10MHz_EIRP

1.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	23.55	-2.21	21.34	<=33.01	Pass
			25	23.59	-2.21	21.38	<=33.01	Pass
			49	23.51	-2.21	21.30	<=33.01	Pass
		25	0	22.60	-2.21	20.39	<=33.01	Pass
			13	22.63	-2.21	20.42	<=33.01	Pass
			25	22.61	-2.21	20.40	<=33.01	Pass
		50	0	22.61	-2.21	20.40	<=33.01	Pass
	1880	1	0	23.63	-2.21	21.42	<=33.01	Pass



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16QAM	1905	25	25	23.69	-2.21	21.48	<=33.01	Pass
			49	23.53	-2.21	21.32	<=33.01	Pass
			0	22.56	-2.21	20.35	<=33.01	Pass
			13	22.60	-2.21	20.39	<=33.01	Pass
			25	22.59	-2.21	20.38	<=33.01	Pass
		50	0	22.59	-2.21	20.38	<=33.01	Pass
			0	23.42	-2.21	21.21	<=33.01	Pass
			25	23.44	-2.21	21.23	<=33.01	Pass
			49	23.38	-2.21	21.17	<=33.01	Pass
			0	22.48	-2.21	20.27	<=33.01	Pass
	1880	25	13	22.50	-2.21	20.29	<=33.01	Pass
			25	22.44	-2.21	20.23	<=33.01	Pass
			0	22.43	-2.21	20.22	<=33.01	Pass
		50	0	22.74	-2.21	20.53	<=33.01	Pass
			25	22.76	-2.21	20.55	<=33.01	Pass
			49	22.72	-2.21	20.51	<=33.01	Pass
		1855	0	21.65	-2.21	19.44	<=33.01	Pass
			13	21.67	-2.21	19.46	<=33.01	Pass
			25	21.64	-2.21	19.43	<=33.01	Pass
			0	21.62	-2.21	19.41	<=33.01	Pass
			0	22.64	-2.21	20.43	<=33.01	Pass
64QAM	1880	1	25	22.82	-2.21	20.61	<=33.01	Pass
			49	22.75	-2.21	20.54	<=33.01	Pass
			0	21.60	-2.21	19.39	<=33.01	Pass
		25	13	21.64	-2.21	19.43	<=33.01	Pass
			25	21.58	-2.21	19.37	<=33.01	Pass
			0	21.58	-2.21	19.37	<=33.01	Pass
	1905	1	0	22.59	-2.21	20.38	<=33.01	Pass
			25	22.60	-2.21	20.39	<=33.01	Pass
			49	22.49	-2.21	20.28	<=33.01	Pass
			0	21.47	-2.21	19.26	<=33.01	Pass
		25	13	21.50	-2.21	19.29	<=33.01	Pass
			25	21.48	-2.21	19.27	<=33.01	Pass
			0	21.46	-2.21	19.25	<=33.01	Pass
	1855	1	0	21.67	-2.21	19.46	<=33.01	Pass
			25	21.80	-2.21	19.59	<=33.01	Pass
			49	21.71	-2.21	19.50	<=33.01	Pass
			0	20.63	-2.21	18.42	<=33.01	Pass
		25	13	20.66	-2.21	18.45	<=33.01	Pass
			25	20.66	-2.21	18.45	<=33.01	Pass
			0	20.65	-2.21	18.44	<=33.01	Pass
	1880	1	0	21.83	-2.21	19.62	<=33.01	Pass
			25	21.95	-2.21	19.74	<=33.01	Pass
			49	21.78	-2.21	19.57	<=33.01	Pass
		25	0	20.60	-2.21	18.39	<=33.01	Pass
			13	20.62	-2.21	18.41	<=33.01	Pass
			25	20.60	-2.21	18.39	<=33.01	Pass
			0	20.59	-2.21	18.38	<=33.01	Pass



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	1905	1	0	21.63	-2.21	19.42	<=33.01	Pass
			25	21.63	-2.21	19.42	<=33.01	Pass
			49	21.56	-2.21	19.35	<=33.01	Pass
		25	0	20.43	-2.21	18.22	<=33.01	Pass
			13	20.51	-2.21	18.30	<=33.01	Pass
			25	20.45	-2.21	18.24	<=33.01	Pass
		50	0	20.44	-2.21	18.23	<=33.01	Pass

1.5 B2_15MHz_EIRP

1.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	23.33	-2.21	21.12	<=33.01	Pass
			38	23.43	-2.21	21.22	<=33.01	Pass
			74	23.41	-2.21	21.20	<=33.01	Pass
		36	0	22.45	-2.21	20.24	<=33.01	Pass
			18	22.54	-2.21	20.33	<=33.01	Pass
			39	22.59	-2.21	20.38	<=33.01	Pass
		75	0	22.57	-2.21	20.36	<=33.01	Pass
	1880	1	0	23.45	-2.21	21.24	<=33.01	Pass
			38	23.54	-2.21	21.33	<=33.01	Pass
			74	23.40	-2.21	21.19	<=33.01	Pass
		36	0	22.50	-2.21	20.29	<=33.01	Pass
			18	22.52	-2.21	20.31	<=33.01	Pass
			39	22.52	-2.21	20.31	<=33.01	Pass
		75	0	22.52	-2.21	20.31	<=33.01	Pass
	1902.5	1	0	23.26	-2.21	21.05	<=33.01	Pass
			38	23.35	-2.21	21.14	<=33.01	Pass
			74	23.25	-2.21	21.04	<=33.01	Pass
		36	0	22.42	-2.21	20.21	<=33.01	Pass
			18	22.41	-2.21	20.20	<=33.01	Pass
			39	22.33	-2.21	20.12	<=33.01	Pass
		75	0	22.42	-2.21	20.21	<=33.01	Pass
16QAM	1857.5	1	0	22.66	-2.21	20.45	<=33.01	Pass
			38	22.56	-2.21	20.35	<=33.01	Pass
			74	22.64	-2.21	20.43	<=33.01	Pass
		36	0	21.47	-2.21	19.26	<=33.01	Pass
			18	21.57	-2.21	19.36	<=33.01	Pass
			39	21.57	-2.21	19.36	<=33.01	Pass
		75	0	21.54	-2.21	19.33	<=33.01	Pass
	1880	1	0	22.51	-2.21	20.30	<=33.01	Pass
			38	22.64	-2.21	20.43	<=33.01	Pass
			74	22.62	-2.21	20.41	<=33.01	Pass



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64QAM	1902.5	36	0	21.54	-2.21	19.33	<=33.01	Pass
			18	21.53	-2.21	19.32	<=33.01	Pass
			39	21.46	-2.21	19.25	<=33.01	Pass
		75	0	21.55	-2.21	19.34	<=33.01	Pass
			0	22.38	-2.21	20.17	<=33.01	Pass
			38	22.46	-2.21	20.25	<=33.01	Pass
		36	74	22.37	-2.21	20.16	<=33.01	Pass
			0	21.41	-2.21	19.20	<=33.01	Pass
			18	21.44	-2.21	19.23	<=33.01	Pass
			39	21.36	-2.21	19.15	<=33.01	Pass
			75	21.42	-2.21	19.21	<=33.01	Pass
			0	21.66	-2.21	19.45	<=33.01	Pass
	1857.5	1	38	21.58	-2.21	19.37	<=33.01	Pass
			74	21.68	-2.21	19.47	<=33.01	Pass
			0	20.49	-2.21	18.28	<=33.01	Pass
		36	18	20.56	-2.21	18.35	<=33.01	Pass
			39	20.61	-2.21	18.40	<=33.01	Pass
			75	20.59	-2.21	18.38	<=33.01	Pass
		75	0	21.76	-2.21	19.55	<=33.01	Pass
			38	21.74	-2.21	19.53	<=33.01	Pass
			74	21.65	-2.21	19.44	<=33.01	Pass
		36	0	20.52	-2.21	18.31	<=33.01	Pass
			18	20.51	-2.21	18.30	<=33.01	Pass
			39	20.48	-2.21	18.27	<=33.01	Pass
	1880	1	75	20.54	-2.21	18.33	<=33.01	Pass
			0	21.60	-2.21	19.39	<=33.01	Pass
			38	21.51	-2.21	19.30	<=33.01	Pass
		36	74	21.35	-2.21	19.14	<=33.01	Pass
			0	20.43	-2.21	18.22	<=33.01	Pass
			18	20.42	-2.21	18.21	<=33.01	Pass
		75	39	20.34	-2.21	18.13	<=33.01	Pass
			0	20.44	-2.21	18.23	<=33.01	Pass
			75	20.44	-2.21	18.23	<=33.01	Pass

1.6 B2_20MHz_EIRP

1.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	23.34	-2.21	21.13	<=33.01	Pass
			50	23.43	-2.21	21.22	<=33.01	Pass
			99	23.55	-2.21	21.34	<=33.01	Pass
		50	0	22.49	-2.21	20.28	<=33.01	Pass
			25	22.57	-2.21	20.36	<=33.01	Pass
			50	22.60	-2.21	20.39	<=33.01	Pass



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		100	0	22.58	-2.21	20.37	<=33.01	Pass	
		1880	1	0	23.45	-2.21	21.24	<=33.01	Pass
				50	23.42	-2.21	21.21	<=33.01	Pass
				99	23.38	-2.21	21.17	<=33.01	Pass
				0	22.52	-2.21	20.31	<=33.01	Pass
			50	25	22.54	-2.21	20.33	<=33.01	Pass
				50	22.53	-2.21	20.32	<=33.01	Pass
				100	0	22.52	-2.21	20.31	<=33.01
			1900	1	0	23.32	-2.21	21.11	<=33.01
		50			23.30	-2.21	21.09	<=33.01	Pass
		99			23.24	-2.21	21.03	<=33.01	Pass
		50		0	22.47	-2.21	20.26	<=33.01	Pass
				25	22.48	-2.21	20.27	<=33.01	Pass
				50	22.34	-2.21	20.13	<=33.01	Pass
		100		0	22.47	-2.21	20.26	<=33.01	Pass
		16QAM		1860	1	0	22.61	-2.21	20.40
50	22.62		-2.21			20.41	<=33.01	Pass	
99	22.56		-2.21			20.35	<=33.01	Pass	
50	0		21.47		-2.21	19.26	<=33.01	Pass	
	25		21.61		-2.21	19.40	<=33.01	Pass	
	50		21.60		-2.21	19.39	<=33.01	Pass	
100	0		21.61		-2.21	19.40	<=33.01	Pass	
1880	1		0		22.46	-2.21	20.25	<=33.01	Pass
			50	22.57	-2.21	20.36	<=33.01	Pass	
			99	22.50	-2.21	20.29	<=33.01	Pass	
	50		0	21.51	-2.21	19.30	<=33.01	Pass	
			25	21.55	-2.21	19.34	<=33.01	Pass	
			50	21.54	-2.21	19.33	<=33.01	Pass	
100	0		21.53	-2.21	19.32	<=33.01	Pass		
1900	1		0	22.58	-2.21	20.37	<=33.01	Pass	
			50	22.55	-2.21	20.34	<=33.01	Pass	
			99	22.45	-2.21	20.24	<=33.01	Pass	
	50		0	21.47	-2.21	19.26	<=33.01	Pass	
			25	21.45	-2.21	19.24	<=33.01	Pass	
			50	21.40	-2.21	19.19	<=33.01	Pass	
100	0		21.50	-2.21	19.29	<=33.01	Pass		
64QAM	1860		1	0	21.75	-2.21	19.54	<=33.01	Pass
				50	21.72	-2.21	19.51	<=33.01	Pass
				99	21.72	-2.21	19.51	<=33.01	Pass
		50	0	20.49	-2.21	18.28	<=33.01	Pass	
			25	20.60	-2.21	18.39	<=33.01	Pass	
			50	20.58	-2.21	18.37	<=33.01	Pass	
	100	0	20.63	-2.21	18.42	<=33.01	Pass		
	1880	1	0	21.70	-2.21	19.49	<=33.01	Pass	
			50	21.70	-2.21	19.49	<=33.01	Pass	
			99	21.63	-2.21	19.42	<=33.01	Pass	
		50	0	20.50	-2.21	18.29	<=33.01	Pass	
	25		20.56	-2.21	18.35	<=33.01	Pass		



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	1900		50	20.52	-2.21	18.31	<=33.01	Pass
		100	0	20.50	-2.21	18.29	<=33.01	Pass
		1	0	21.49	-2.21	19.28	<=33.01	Pass
			50	21.48	-2.21	19.27	<=33.01	Pass
			99	21.38	-2.21	19.17	<=33.01	Pass
		50	0	20.44	-2.21	18.23	<=33.01	Pass
			25	20.47	-2.21	18.26	<=33.01	Pass
			50	20.38	-2.21	18.17	<=33.01	Pass
		100	0	20.48	-2.21	18.27	<=33.01	Pass



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2. Frequency Stability

2.1 B2_1.4MHz

2.1.1 Test Result

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	3.7	-19.178	-0.0104	/	Pass
					3.91	-15.302	-0.0083	/	Pass
					4.4	-11.620	-0.0063	/	Pass
				-30	3.91	-7.851	-0.0042	/	Pass
				-20	3.91	-6.023	-0.0033	/	Pass
				-10	3.91	-2.771	-0.0015	/	Pass
				0	3.91	-2.941	-0.0016	/	Pass
				10	3.91	-2.695	-0.0015	/	Pass
				30	3.91	-0.855	-0.0005	/	Pass
				40	3.91	-0.664	-0.0004	/	Pass
				50	3.91	-1.055	-0.0006	/	Pass
	1880	6	0	20	3.7	-10.768	-0.0057	/	Pass
					3.91	-18.483	-0.0098	/	Pass
					4.4	-16.650	-0.0089	/	Pass
				-30	3.91	-21.592	-0.0115	/	Pass
				-20	3.91	-20.540	-0.0109	/	Pass
				-10	3.91	-18.349	-0.0098	/	Pass
				0	3.91	-13.798	-0.0073	/	Pass
				10	3.91	-10.022	-0.0053	/	Pass
				30	3.91	-7.631	-0.0041	/	Pass
				40	3.91	-3.749	-0.0020	/	Pass
				50	3.91	-2.549	-0.0014	/	Pass
	1909.3	6	0	20	3.7	11.212	0.0059	/	Pass
					3.91	11.925	0.0062	/	Pass
					4.4	12.149	0.0064	/	Pass
				-30	3.91	14.048	0.0074	/	Pass
				-20	3.91	9.338	0.0049	/	Pass
				-10	3.91	5.944	0.0031	/	Pass
				0	3.91	8.844	0.0046	/	Pass
				10	3.91	6.751	0.0035	/	Pass
				30	3.91	6.955	0.0036	/	Pass
				40	3.91	6.096	0.0032	/	Pass
				50	3.91	5.671	0.0030	/	Pass
16QAM	1850.7	6	0	20	3.7	0.019	0.0000	/	Pass
					3.91	0.749	0.0004	/	Pass
					4.4	0.635	0.0003	/	Pass
				-30	3.91	0.576	0.0003	/	Pass



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				-20	3.91	0.485	0.0003	/	Pass
				-10	3.91	2.053	0.0011	/	Pass
				0	3.91	2.005	0.0011	/	Pass
				10	3.91	1.222	0.0007	/	Pass
				30	3.91	0.614	0.0003	/	Pass
				40	3.91	2.136	0.0012	/	Pass
				50	3.91	0.800	0.0004	/	Pass
	1880	6	0	20	3.7	-0.391	-0.0002	/	Pass
					3.91	-1.270	-0.0007	/	Pass
					4.4	-0.174	-0.0001	/	Pass
				-30	3.91	-1.100	-0.0006	/	Pass
				-20	3.91	1.427	0.0008	/	Pass
				-10	3.91	0.139	0.0001	/	Pass
				0	3.91	0.791	0.0004	/	Pass
				10	3.91	1.410	0.0007	/	Pass
				30	3.91	1.504	0.0008	/	Pass
				40	3.91	1.077	0.0006	/	Pass
				50	3.91	1.285	0.0007	/	Pass
	1909.3	6	0	20	3.7	3.689	0.0019	/	Pass
					3.91	4.459	0.0023	/	Pass
					4.4	3.491	0.0018	/	Pass
				-30	3.91	1.605	0.0008	/	Pass
				-20	3.91	4.687	0.0025	/	Pass
				-10	3.91	3.375	0.0018	/	Pass
				0	3.91	2.991	0.0016	/	Pass
				10	3.91	3.259	0.0017	/	Pass
				30	3.91	2.755	0.0014	/	Pass
				40	3.91	2.932	0.0015	/	Pass
				50	3.91	1.797	0.0009	/	Pass
64QAM	1850.7	6	0	20	3.7	0.573	0.0003	/	Pass
					3.91	1.183	0.0006	/	Pass
					4.4	1.247	0.0007	/	Pass
				-30	3.91	1.177	0.0006	/	Pass
				-20	3.91	2.275	0.0012	/	Pass
				-10	3.91	2.873	0.0016	/	Pass
				0	3.91	2.818	0.0015	/	Pass
				10	3.91	-0.261	-0.0001	/	Pass
				30	3.91	2.078	0.0011	/	Pass
				40	3.91	1.409	0.0008	/	Pass
				50	3.91	1.311	0.0007	/	Pass
	1880	6	0	20	3.7	2.025	0.0011	/	Pass
					3.91	1.867	0.0010	/	Pass
					4.4	1.990	0.0011	/	Pass
				-30	3.91	1.689	0.0009	/	Pass
				-20	3.91	0.916	0.0005	/	Pass
				-10	3.91	0.529	0.0003	/	Pass
				0	3.91	1.879	0.0010	/	Pass
				10	3.91	0.625	0.0003	/	Pass



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				30	3.91	1.539	0.0008	/	Pass
				40	3.91	2.808	0.0015	/	Pass
				50	3.91	2.004	0.0011	/	Pass
					3.7	2.162	0.0011	/	Pass
				20	3.91	1.436	0.0008	/	Pass
					4.4	1.337	0.0007	/	Pass
				-30	3.91	0.064	0.0000	/	Pass
				-20	3.91	1.407	0.0007	/	Pass
				-10	3.91	3.199	0.0017	/	Pass
				0	3.91	2.712	0.0014	/	Pass
				10	3.91	4.427	0.0023	/	Pass
				30	3.91	2.543	0.0013	/	Pass
				40	3.91	2.359	0.0012	/	Pass
				50	3.91	2.802	0.0015	/	Pass

2.2 B2_3MHz

2.2.1 Test Result

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	3.7	-0.506	-0.0003	/	Pass
					3.91	-2.618	-0.0014	/	Pass
					4.4	-1.756	-0.0009	/	Pass
				-30	3.91	-1.224	-0.0007	/	Pass
				-20	3.91	-2.228	-0.0012	/	Pass
				-10	3.91	-1.220	-0.0007	/	Pass
				0	3.91	-2.002	-0.0011	/	Pass
				10	3.91	-0.521	-0.0003	/	Pass
				30	3.91	-3.624	-0.0020	/	Pass
				40	3.91	-0.672	-0.0004	/	Pass
				50	3.91	-1.109	-0.0006	/	Pass
	1880	15	0	20	3.7	0.987	0.0005	/	Pass
					3.91	1.870	0.0010	/	Pass
					4.4	1.701	0.0009	/	Pass
				-30	3.91	-0.713	-0.0004	/	Pass
				-20	3.91	-1.320	-0.0007	/	Pass
				-10	3.91	-0.148	-0.0001	/	Pass
				0	3.91	-1.350	-0.0007	/	Pass
				10	3.91	0.033	0.0000	/	Pass
				30	3.91	-0.587	-0.0003	/	Pass
				40	3.91	-0.688	-0.0004	/	Pass
				50	3.91	0.354	0.0002	/	Pass
	1908.5	15	0	20	3.7	1.118	0.0006	/	Pass
					3.91	0.015	0.0000	/	Pass



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					4.4	0.283	0.0001	/	Pass
				-30	3.91	0.303	0.0002	/	Pass
				-20	3.91	0.056	0.0000	/	Pass
				-10	3.91	0.133	0.0001	/	Pass
				0	3.91	1.596	0.0008	/	Pass
				10	3.91	-0.243	-0.0001	/	Pass
				30	3.91	1.534	0.0008	/	Pass
				40	3.91	-0.177	-0.0001	/	Pass
				50	3.91	0.097	0.0001	/	Pass
16QAM	1851.5	15	0	20	3.7	-1.228	-0.0007	/	Pass
					3.91	-1.494	-0.0008	/	Pass
					4.4	-1.160	-0.0006	/	Pass
				-30	3.91	-1.179	-0.0006	/	Pass
				-20	3.91	-0.216	-0.0001	/	Pass
				-10	3.91	0.036	0.0000	/	Pass
				0	3.91	0.517	0.0003	/	Pass
				10	3.91	-0.568	-0.0003	/	Pass
				30	3.91	-0.850	-0.0005	/	Pass
				40	3.91	-0.763	-0.0004	/	Pass
				50	3.91	-0.890	-0.0005	/	Pass
	1880	15	0	20	3.7	-1.160	-0.0006	/	Pass
					3.91	1.330	0.0007	/	Pass
					4.4	0.516	0.0003	/	Pass
				-30	3.91	1.392	0.0007	/	Pass
				-20	3.91	0.895	0.0005	/	Pass
				-10	3.91	0.484	0.0003	/	Pass
				0	3.91	1.445	0.0008	/	Pass
				10	3.91	0.454	0.0002	/	Pass
				30	3.91	1.204	0.0006	/	Pass
				40	3.91	-0.742	-0.0004	/	Pass
				50	3.91	1.791	0.0010	/	Pass
	1908.5	15	0	20	3.7	0.133	0.0001	/	Pass
					3.91	0.660	0.0003	/	Pass
					4.4	-0.390	-0.0002	/	Pass
				-30	3.91	0.708	0.0004	/	Pass
				-20	3.91	0.515	0.0003	/	Pass
				-10	3.91	0.531	0.0003	/	Pass
				0	3.91	-0.558	-0.0003	/	Pass
				10	3.91	-0.166	-0.0001	/	Pass
				30	3.91	-1.325	-0.0007	/	Pass
				40	3.91	-0.355	-0.0002	/	Pass
				50	3.91	0.810	0.0004	/	Pass
64QAM	1851.5	15	0	20	3.7	-1.848	-0.0010	/	Pass
					3.91	-1.535	-0.0008	/	Pass
					4.4	0.041	0.0000	/	Pass
				-30	3.91	-1.360	-0.0007	/	Pass
				-20	3.91	-0.316	-0.0002	/	Pass
				-10	3.91	-1.162	-0.0006	/	Pass



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				0	3.91	0.729	0.0004	/	Pass
				10	3.91	-0.440	-0.0002	/	Pass
				30	3.91	0.091	0.0000	/	Pass
				40	3.91	-0.077	0.0000	/	Pass
				50	3.91	0.028	0.0000	/	Pass
	1880	15	0	20	3.7	-0.571	-0.0003	/	Pass
					3.91	0.544	0.0003	/	Pass
					4.4	1.175	0.0006	/	Pass
				-30	3.91	-0.903	-0.0005	/	Pass
				-20	3.91	0.245	0.0001	/	Pass
				-10	3.91	-0.603	-0.0003	/	Pass
				0	3.91	-0.529	-0.0003	/	Pass
				10	3.91	-1.331	-0.0007	/	Pass
				30	3.91	0.751	0.0004	/	Pass
				40	3.91	-0.415	-0.0002	/	Pass
				50	3.91	-1.151	-0.0006	/	Pass
	1908.5	15	0	20	3.7	0.001	0.0000	/	Pass
					3.91	-2.098	-0.0011	/	Pass
					4.4	-1.009	-0.0005	/	Pass
				-30	3.91	-0.295	-0.0002	/	Pass
				-20	3.91	1.092	0.0006	/	Pass
				-10	3.91	-0.870	-0.0005	/	Pass
				0	3.91	1.223	0.0006	/	Pass
				10	3.91	-0.601	-0.0003	/	Pass
				30	3.91	-0.797	-0.0004	/	Pass
				40	3.91	-1.448	-0.0008	/	Pass
				50	3.91	-0.131	-0.0001	/	Pass

2.3 B2_5MHz

2.3.1 Test Result

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	3.7	1.105	0.0006	/	Pass
					3.91	1.246	0.0007	/	Pass
					4.4	-1.200	-0.0006	/	Pass
				-30	3.91	0.772	0.0004	/	Pass
				-20	3.91	1.277	0.0007	/	Pass
				-10	3.91	0.277	0.0001	/	Pass
				0	3.91	1.598	0.0009	/	Pass
				10	3.91	1.870	0.0010	/	Pass
				30	3.91	0.008	0.0000	/	Pass
				40	3.91	0.179	0.0001	/	Pass
				50	3.91	-0.300	-0.0002	/	Pass



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16QAM	1880	25	0	20	3.7	-1.510	-0.0008	/	Pass
					3.91	-0.413	-0.0002	/	Pass
					4.4	-1.470	-0.0008	/	Pass
				-30	3.91	-1.621	-0.0009	/	Pass
				-20	3.91	-0.478	-0.0003	/	Pass
				-10	3.91	-1.769	-0.0009	/	Pass
				0	3.91	-1.547	-0.0008	/	Pass
				10	3.91	-2.319	-0.0012	/	Pass
				30	3.91	-1.782	-0.0009	/	Pass
				40	3.91	-1.985	-0.0011	/	Pass
				50	3.91	-1.110	-0.0006	/	Pass
	1907.5	25	0	20	3.7	1.278	0.0007	/	Pass
					3.91	1.231	0.0006	/	Pass
					4.4	1.371	0.0007	/	Pass
				-30	3.91	1.933	0.0010	/	Pass
				-20	3.91	2.128	0.0011	/	Pass
				-10	3.91	0.434	0.0002	/	Pass
				0	3.91	1.040	0.0005	/	Pass
				10	3.91	2.014	0.0011	/	Pass
				30	3.91	0.719	0.0004	/	Pass
				40	3.91	2.582	0.0014	/	Pass
				50	3.91	0.402	0.0002	/	Pass
	1852.5	25	0	20	3.7	-0.185	-0.0001	/	Pass
					3.91	0.903	0.0005	/	Pass
					4.4	0.103	0.0001	/	Pass
				-30	3.91	0.737	0.0004	/	Pass
				-20	3.91	0.374	0.0002	/	Pass
				-10	3.91	1.445	0.0008	/	Pass
				0	3.91	0.564	0.0003	/	Pass
				10	3.91	1.697	0.0009	/	Pass
				30	3.91	0.566	0.0003	/	Pass
				40	3.91	1.272	0.0007	/	Pass
				50	3.91	1.433	0.0008	/	Pass
	1880	25	0	20	3.7	-2.136	-0.0011	/	Pass
					3.91	-2.100	-0.0011	/	Pass
					4.4	1.179	0.0006	/	Pass
				-30	3.91	1.283	0.0007	/	Pass
				-20	3.91	-1.117	-0.0006	/	Pass
				-10	3.91	-1.946	-0.0010	/	Pass
				0	3.91	0.703	0.0004	/	Pass
				10	3.91	-0.888	-0.0005	/	Pass
				30	3.91	-0.651	-0.0003	/	Pass
				40	3.91	-1.213	-0.0006	/	Pass
				50	3.91	-1.264	-0.0007	/	Pass
	1907.5	25	0	20	3.7	1.790	0.0009	/	Pass
					3.91	0.179	0.0001	/	Pass
					4.4	1.792	0.0009	/	Pass
				-30	3.91	1.919	0.0010	/	Pass



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				-20	3.91	0.929	0.0005	/	Pass
				-10	3.91	-1.066	-0.0006	/	Pass
				0	3.91	0.892	0.0005	/	Pass
				10	3.91	2.212	0.0012	/	Pass
				30	3.91	0.281	0.0001	/	Pass
				40	3.91	2.511	0.0013	/	Pass
				50	3.91	1.104	0.0006	/	Pass
64QAM	1852.5	25	0	20	3.7	0.671	0.0004	/	Pass
					3.91	0.137	0.0001	/	Pass
					4.4	-0.024	0.0000	/	Pass
				-30	3.91	0.105	0.0001	/	Pass
				-20	3.91	1.158	0.0006	/	Pass
				-10	3.91	0.075	0.0000	/	Pass
				0	3.91	0.542	0.0003	/	Pass
				10	3.91	0.818	0.0004	/	Pass
				30	3.91	0.562	0.0003	/	Pass
				40	3.91	0.358	0.0002	/	Pass
				50	3.91	1.005	0.0005	/	Pass
	1880	25	0	20	3.7	0.255	0.0001	/	Pass
					3.91	0.687	0.0004	/	Pass
					4.4	0.305	0.0002	/	Pass
				-30	3.91	1.225	0.0007	/	Pass
				-20	3.91	-0.599	-0.0003	/	Pass
				-10	3.91	1.194	0.0006	/	Pass
				0	3.91	-0.151	-0.0001	/	Pass
				10	3.91	1.371	0.0007	/	Pass
				30	3.91	-0.157	-0.0001	/	Pass
				40	3.91	2.238	0.0012	/	Pass
				50	3.91	-0.100	-0.0001	/	Pass
	1907.5	25	0	20	3.7	1.503	0.0008	/	Pass
					3.91	0.323	0.0002	/	Pass
					4.4	2.333	0.0012	/	Pass
				-30	3.91	1.015	0.0005	/	Pass
				-20	3.91	-0.423	-0.0002	/	Pass
				-10	3.91	0.950	0.0005	/	Pass
				0	3.91	1.858	0.0010	/	Pass
				10	3.91	1.026	0.0005	/	Pass
				30	3.91	1.286	0.0007	/	Pass
				40	3.91	1.692	0.0009	/	Pass
				50	3.91	1.939	0.0010	/	Pass



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2.4 B2_10MHz

2.4.1 Test Result

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	3.7	-0.657	-0.0004	/	Pass
					3.91	-0.506	-0.0003	/	Pass
					4.4	-0.682	-0.0004	/	Pass
				-30	3.91	-1.045	-0.0006	/	Pass
				-20	3.91	-0.473	-0.0003	/	Pass
				-10	3.91	-2.650	-0.0014	/	Pass
				0	3.91	-0.211	-0.0001	/	Pass
				10	3.91	-2.931	-0.0016	/	Pass
				30	3.91	-2.025	-0.0011	/	Pass
				40	3.91	-2.329	-0.0013	/	Pass
				50	3.91	-2.155	-0.0012	/	Pass
	1880	50	0	20	3.7	-2.181	-0.0012	/	Pass
					3.91	-2.958	-0.0016	/	Pass
					4.4	-1.224	-0.0007	/	Pass
				-30	3.91	-3.606	-0.0019	/	Pass
				-20	3.91	-2.453	-0.0013	/	Pass
				-10	3.91	-2.589	-0.0014	/	Pass
				0	3.91	-1.838	-0.0010	/	Pass
				10	3.91	-0.374	-0.0002	/	Pass
				30	3.91	-1.305	-0.0007	/	Pass
				40	3.91	-2.034	-0.0011	/	Pass
				50	3.91	-2.592	-0.0014	/	Pass
	1905	50	0	20	3.7	-1.276	-0.0007	/	Pass
					3.91	-0.268	-0.0001	/	Pass
					4.4	-0.976	-0.0005	/	Pass
				-30	3.91	-1.147	-0.0006	/	Pass
				-20	3.91	-1.672	-0.0009	/	Pass
				-10	3.91	-0.238	-0.0001	/	Pass
				0	3.91	-1.953	-0.0010	/	Pass
				10	3.91	-1.845	-0.0010	/	Pass
				30	3.91	-0.488	-0.0003	/	Pass
				40	3.91	-0.812	-0.0004	/	Pass
				50	3.91	-1.807	-0.0009	/	Pass
16QAM	1855	50	0	20	3.7	-3.627	-0.0020	/	Pass
					3.91	-0.997	-0.0005	/	Pass
					4.4	-1.556	-0.0008	/	Pass
				-30	3.91	-2.576	-0.0014	/	Pass
				-20	3.91	-3.196	-0.0017	/	Pass



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				-10	3.91	-2.288	-0.0012	/	Pass
				0	3.91	-1.532	-0.0008	/	Pass
				10	3.91	-1.351	-0.0007	/	Pass
				30	3.91	-0.123	-0.0001	/	Pass
				40	3.91	-1.128	-0.0006	/	Pass
				50	3.91	-3.465	-0.0019	/	Pass
	1880	50	0	20	3.7	-1.016	-0.0005	/	Pass
					3.91	-2.197	-0.0012	/	Pass
					4.4	-1.221	-0.0006	/	Pass
				-30	3.91	-1.816	-0.0010	/	Pass
				-20	3.91	-2.529	-0.0013	/	Pass
				-10	3.91	-2.334	-0.0012	/	Pass
				0	3.91	-1.323	-0.0007	/	Pass
				10	3.91	-0.025	0.0000	/	Pass
				30	3.91	-1.265	-0.0007	/	Pass
				40	3.91	-2.543	-0.0014	/	Pass
				50	3.91	-2.375	-0.0013	/	Pass
	1905	50	0	20	3.7	-0.614	-0.0003	/	Pass
					3.91	-1.578	-0.0008	/	Pass
					4.4	-0.899	-0.0005	/	Pass
				-30	3.91	-2.118	-0.0011	/	Pass
				-20	3.91	-0.447	-0.0002	/	Pass
				-10	3.91	-0.922	-0.0005	/	Pass
				0	3.91	-0.764	-0.0004	/	Pass
				10	3.91	-0.141	-0.0001	/	Pass
				30	3.91	-1.210	-0.0006	/	Pass
				40	3.91	-2.341	-0.0012	/	Pass
				50	3.91	0.623	0.0003	/	Pass
64QAM	1855	50	0	20	3.7	-1.014	-0.0005	/	Pass
					3.91	-0.964	-0.0005	/	Pass
					4.4	-2.049	-0.0011	/	Pass
				-30	3.91	-1.651	-0.0009	/	Pass
				-20	3.91	0.083	0.0000	/	Pass
				-10	3.91	-0.870	-0.0005	/	Pass
				0	3.91	-0.189	-0.0001	/	Pass
				10	3.91	-0.892	-0.0005	/	Pass
				30	3.91	-1.205	-0.0006	/	Pass
				40	3.91	-1.563	-0.0008	/	Pass
				50	3.91	-0.715	-0.0004	/	Pass
	1880	50	0	20	3.7	-1.179	-0.0006	/	Pass
					3.91	-1.953	-0.0010	/	Pass
					4.4	-1.057	-0.0006	/	Pass
				-30	3.91	-1.409	-0.0007	/	Pass
				-20	3.91	-1.177	-0.0006	/	Pass
				-10	3.91	-0.374	-0.0002	/	Pass
				0	3.91	-0.035	0.0000	/	Pass
				10	3.91	0.645	0.0003	/	Pass
				30	3.91	-0.289	-0.0002	/	Pass



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				40	3.91	-0.191	-0.0001	/	Pass
				50	3.91	0.436	0.0002	/	Pass
				20	3.7	0.461	0.0002	/	Pass
					3.91	0.818	0.0004	/	Pass
					4.4	-0.098	-0.0001	/	Pass
				-30	3.91	0.102	0.0001	/	Pass
				-20	3.91	-1.274	-0.0007	/	Pass
				-10	3.91	-0.046	0.0000	/	Pass
				0	3.91	-1.481	-0.0008	/	Pass
				10	3.91	-2.650	-0.0014	/	Pass
				30	3.91	-0.183	-0.0001	/	Pass
				40	3.91	-2.510	-0.0013	/	Pass
				50	3.91	-0.992	-0.0005	/	Pass

2.5 B2_15MHz

2.5.1 Test Result

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	3.7	-0.511	-0.0003	/	Pass
					3.91	-0.204	-0.0001	/	Pass
					4.4	-0.323	-0.0002	/	Pass
				-30	3.91	-0.586	-0.0003	/	Pass
				-20	3.91	-1.937	-0.0010	/	Pass
				-10	3.91	-0.194	-0.0001	/	Pass
				0	3.91	0.056	0.0000	/	Pass
				10	3.91	-1.217	-0.0007	/	Pass
				30	3.91	-1.917	-0.0010	/	Pass
				40	3.91	-1.146	-0.0006	/	Pass
				50	3.91	1.241	0.0007	/	Pass
	1880	75	0	20	3.7	-3.431	-0.0018	/	Pass
					3.91	-2.630	-0.0014	/	Pass
					4.4	-2.052	-0.0011	/	Pass
				-30	3.91	-1.615	-0.0009	/	Pass
				-20	3.91	-3.165	-0.0017	/	Pass
				-10	3.91	-1.394	-0.0007	/	Pass
				0	3.91	-0.615	-0.0003	/	Pass
				10	3.91	-2.874	-0.0015	/	Pass
				30	3.91	-2.508	-0.0013	/	Pass
				40	3.91	-2.256	-0.0012	/	Pass
				50	3.91	-3.426	-0.0018	/	Pass
	1902.5	75	0	20	3.7	-3.591	-0.0019	/	Pass
					3.91	-2.538	-0.0013	/	Pass
					4.4	-2.428	-0.0013	/	Pass



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				-30	3.91	-2.022	-0.0011	/	Pass
				-20	3.91	-2.464	-0.0013	/	Pass
				-10	3.91	-1.051	-0.0006	/	Pass
				0	3.91	-3.098	-0.0016	/	Pass
				10	3.91	-2.178	-0.0011	/	Pass
				30	3.91	-3.347	-0.0018	/	Pass
				40	3.91	-1.606	-0.0008	/	Pass
				50	3.91	-1.744	-0.0009	/	Pass
16QAM	1857.5	75	0	20	3.7	-0.343	-0.0002	/	Pass
					3.91	-1.905	-0.0010	/	Pass
					4.4	-1.395	-0.0008	/	Pass
				-30	3.91	-1.266	-0.0007	/	Pass
				-20	3.91	-0.792	-0.0004	/	Pass
				-10	3.91	-1.020	-0.0005	/	Pass
				0	3.91	-0.161	-0.0001	/	Pass
				10	3.91	-1.277	-0.0007	/	Pass
				30	3.91	-1.025	-0.0006	/	Pass
				40	3.91	-2.065	-0.0011	/	Pass
				50	3.91	-0.878	-0.0005	/	Pass
	1880	75	0	20	3.7	-1.506	-0.0008	/	Pass
					3.91	-1.834	-0.0010	/	Pass
					4.4	-3.138	-0.0017	/	Pass
				-30	3.91	-0.907	-0.0005	/	Pass
				-20	3.91	-1.211	-0.0006	/	Pass
				-10	3.91	-0.823	-0.0004	/	Pass
				0	3.91	-0.960	-0.0005	/	Pass
				10	3.91	-0.859	-0.0005	/	Pass
				30	3.91	-2.029	-0.0011	/	Pass
				40	3.91	-2.246	-0.0012	/	Pass
				50	3.91	-0.593	-0.0003	/	Pass
	1902.5	75	0	20	3.7	-1.600	-0.0008	/	Pass
					3.91	-2.136	-0.0011	/	Pass
					4.4	-2.946	-0.0015	/	Pass
				-30	3.91	-1.778	-0.0009	/	Pass
				-20	3.91	-0.572	-0.0003	/	Pass
				-10	3.91	-1.976	-0.0010	/	Pass
				0	3.91	-2.255	-0.0012	/	Pass
				10	3.91	-1.622	-0.0009	/	Pass
				30	3.91	-1.960	-0.0010	/	Pass
				40	3.91	-1.548	-0.0008	/	Pass
				50	3.91	-0.670	-0.0004	/	Pass
64QAM	1857.5	75	0	20	3.7	-0.815	-0.0004	/	Pass
					3.91	-2.688	-0.0014	/	Pass
					4.4	-3.694	-0.0020	/	Pass
				-30	3.91	-2.509	-0.0014	/	Pass
				-20	3.91	-1.886	-0.0010	/	Pass
				-10	3.91	-3.210	-0.0017	/	Pass
				0	3.91	-0.963	-0.0005	/	Pass



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				10	3.91	-2.519	-0.0014	/	Pass
				30	3.91	-1.679	-0.0009	/	Pass
				40	3.91	-1.659	-0.0009	/	Pass
				50	3.91	-2.940	-0.0016	/	Pass
	1880	75	0	20	3.7	-1.046	-0.0006	/	Pass
					3.91	-1.899	-0.0010	/	Pass
					4.4	0.067	0.0000	/	Pass
				-30	3.91	-0.322	-0.0002	/	Pass
				-20	3.91	-0.513	-0.0003	/	Pass
				-10	3.91	-2.659	-0.0014	/	Pass
				0	3.91	-1.943	-0.0010	/	Pass
				10	3.91	-1.603	-0.0009	/	Pass
				30	3.91	-1.575	-0.0008	/	Pass
				40	3.91	-0.860	-0.0005	/	Pass
				50	3.91	-0.111	-0.0001	/	Pass
	1902.5	75	0	20	3.7	-0.437	-0.0002	/	Pass
					3.91	-0.517	-0.0003	/	Pass
					4.4	-1.862	-0.0010	/	Pass
				-30	3.91	-0.787	-0.0004	/	Pass
				-20	3.91	-0.744	-0.0004	/	Pass
				-10	3.91	-0.590	-0.0003	/	Pass
				0	3.91	-2.073	-0.0011	/	Pass
				10	3.91	-1.376	-0.0007	/	Pass
				30	3.91	-1.335	-0.0007	/	Pass
				40	3.91	-0.880	-0.0005	/	Pass
				50	3.91	-0.760	-0.0004	/	Pass

2.6 B2_20MHz

2.6.1 Test Result

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	3.7	-0.148	-0.0001	/	Pass
					3.91	-3.214	-0.0017	/	Pass
					4.4	-0.793	-0.0004	/	Pass
				-30	3.91	-1.261	-0.0007	/	Pass
				-20	3.91	-1.326	-0.0007	/	Pass
				-10	3.91	0.201	0.0001	/	Pass
				0	3.91	-2.787	-0.0015	/	Pass
				10	3.91	-2.116	-0.0011	/	Pass
				30	3.91	-1.514	-0.0008	/	Pass
				40	3.91	-0.782	-0.0004	/	Pass
				50	3.91	-1.040	-0.0006	/	Pass
	1880	100	0	20	3.7	-2.001	-0.0011	/	Pass



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16QAM					3.91	-2.543	-0.0014	/	Pass
					4.4	-3.413	-0.0018	/	Pass
				-30	3.91	-1.891	-0.0010	/	Pass
				-20	3.91	-2.267	-0.0012	/	Pass
				-10	3.91	0.123	0.0001	/	Pass
				0	3.91	-1.025	-0.0005	/	Pass
				10	3.91	-2.387	-0.0013	/	Pass
				30	3.91	-0.887	-0.0005	/	Pass
				40	3.91	-3.443	-0.0018	/	Pass
				50	3.91	-0.720	-0.0004	/	Pass
	1900	100	0	20	3.7	-1.589	-0.0008	/	Pass
					3.91	-1.746	-0.0009	/	Pass
					4.4	-2.042	-0.0011	/	Pass
				-30	3.91	-1.718	-0.0009	/	Pass
				-20	3.91	-1.541	-0.0008	/	Pass
				-10	3.91	-0.749	-0.0004	/	Pass
				0	3.91	-1.610	-0.0008	/	Pass
				10	3.91	-0.510	-0.0003	/	Pass
				30	3.91	-0.464	-0.0002	/	Pass
				40	3.91	-0.954	-0.0005	/	Pass
				50	3.91	-1.946	-0.0010	/	Pass
	1860	100	0	20	3.7	-0.876	-0.0005	/	Pass
					3.91	-1.329	-0.0007	/	Pass
					4.4	-0.857	-0.0005	/	Pass
				-30	3.91	-2.866	-0.0015	/	Pass
				-20	3.91	-2.211	-0.0012	/	Pass
				-10	3.91	-2.163	-0.0012	/	Pass
				0	3.91	-1.249	-0.0007	/	Pass
				10	3.91	-1.379	-0.0007	/	Pass
				30	3.91	-3.632	-0.0020	/	Pass
				40	3.91	-1.973	-0.0011	/	Pass
				50	3.91	-2.634	-0.0014	/	Pass
	1880	100	0	20	3.7	-1.389	-0.0007	/	Pass
					3.91	-1.320	-0.0007	/	Pass
					4.4	-1.341	-0.0007	/	Pass
				-30	3.91	-3.013	-0.0016	/	Pass
				-20	3.91	-1.159	-0.0006	/	Pass
				-10	3.91	-0.662	-0.0004	/	Pass
				0	3.91	-1.306	-0.0007	/	Pass
				10	3.91	-0.807	-0.0004	/	Pass
				30	3.91	-0.839	-0.0004	/	Pass
				40	3.91	-2.072	-0.0011	/	Pass
				50	3.91	-0.041	0.0000	/	Pass
	1900	100	0	20	3.7	-2.184	-0.0011	/	Pass
					3.91	-0.724	-0.0004	/	Pass
				-30	4.4	-2.140	-0.0011	/	Pass
					3.91	-0.881	-0.0005	/	Pass
				-20	3.91	-1.926	-0.0010	/	Pass



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				-10	3.91	-1.544	-0.0008	/	Pass
				0	3.91	-0.529	-0.0003	/	Pass
				10	3.91	-3.476	-0.0018	/	Pass
				30	3.91	-1.138	-0.0006	/	Pass
				40	3.91	-1.990	-0.0010	/	Pass
				50	3.91	-1.834	-0.0010	/	Pass
64QAM	1860	100	0	20	3.7	-2.448	-0.0013	/	Pass
					3.91	-1.828	-0.0010	/	Pass
					4.4	-3.028	-0.0016	/	Pass
				-30	3.91	-2.819	-0.0015	/	Pass
				-20	3.91	-0.244	-0.0001	/	Pass
				-10	3.91	-1.359	-0.0007	/	Pass
				0	3.91	-2.848	-0.0015	/	Pass
				10	3.91	-1.955	-0.0011	/	Pass
				30	3.91	-2.079	-0.0011	/	Pass
				40	3.91	-1.445	-0.0008	/	Pass
				50	3.91	-3.056	-0.0016	/	Pass
	1880	100	0	20	3.7	-0.529	-0.0003	/	Pass
					3.91	-1.838	-0.0010	/	Pass
					4.4	-0.826	-0.0004	/	Pass
				-30	3.91	-3.005	-0.0016	/	Pass
				-20	3.91	-0.663	-0.0004	/	Pass
				-10	3.91	-0.342	-0.0002	/	Pass
				0	3.91	-1.558	-0.0008	/	Pass
				10	3.91	-2.707	-0.0014	/	Pass
				30	3.91	-1.767	-0.0009	/	Pass
				40	3.91	-0.867	-0.0005	/	Pass
				50	3.91	-1.882	-0.0010	/	Pass
	1900	100	0	20	3.7	-1.972	-0.0010	/	Pass
					3.91	-3.178	-0.0017	/	Pass
					4.4	-1.197	-0.0006	/	Pass
				-30	3.91	-0.534	-0.0003	/	Pass
				-20	3.91	-2.454	-0.0013	/	Pass
				-10	3.91	-1.427	-0.0008	/	Pass
				0	3.91	0.475	0.0003	/	Pass
				10	3.91	-0.690	-0.0004	/	Pass
				30	3.91	-2.539	-0.0013	/	Pass
				40	3.91	-1.017	-0.0005	/	Pass
				50	3.91	-1.556	-0.0008	/	Pass



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3. 99% & 26dB Bandwidth

3.1 Band2_OBW

3.1.1 Test Result

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	1.134	/	Pass
		1880	6	0	1.126	/	Pass
		1909.3	6	0	1.116	/	Pass
	16QAM	1850.7	6	0	1.124	/	Pass
		1880	6	0	1.127	/	Pass
		1909.3	6	0	1.125	/	Pass
	64QAM	1850.7	6	0	1.133	/	Pass
		1880	6	0	1.135	/	Pass
		1909.3	6	0	1.127	/	Pass
3	QPSK	1851.5	15	0	2.753	/	Pass
		1880	15	0	2.753	/	Pass
		1908.5	15	0	2.749	/	Pass
	16QAM	1851.5	15	0	2.772	/	Pass
		1880	15	0	2.747	/	Pass
		1908.5	15	0	2.757	/	Pass
	64QAM	1851.5	15	0	2.747	/	Pass
		1880	15	0	2.729	/	Pass
		1908.5	15	0	2.754	/	Pass
5	QPSK	1852.5	25	0	4.588	/	Pass
		1880	25	0	4.573	/	Pass
		1907.5	25	0	4.580	/	Pass
	16QAM	1852.5	25	0	4.572	/	Pass
		1880	25	0	4.594	/	Pass
		1907.5	25	0	4.577	/	Pass
	64QAM	1852.5	25	0	4.584	/	Pass
		1880	25	0	4.584	/	Pass
		1907.5	25	0	4.584	/	Pass
10	QPSK	1855	50	0	9.086	/	Pass
		1880	50	0	9.084	/	Pass
		1905	50	0	9.075	/	Pass
	16QAM	1855	50	0	9.106	/	Pass
		1880	50	0	9.096	/	Pass
		1905	50	0	9.050	/	Pass
	64QAM	1855	50	0	9.102	/	Pass
		1880	50	0	9.097	/	Pass
		1905	50	0	9.061	/	Pass
15	QPSK	1857.5	75	0	13.610	/	Pass



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		1880	75	0	13.618	/	Pass
		1902.5	75	0	13.618	/	Pass
		1857.5	75	0	13.637	/	Pass
	16QAM	1880	75	0	13.638	/	Pass
		1902.5	75	0	13.602	/	Pass
		1857.5	75	0	13.613	/	Pass
	64QAM	1880	75	0	13.568	/	Pass
		1902.5	75	0	13.561	/	Pass
		1860	100	0	18.141	/	Pass
20	QPSK	1880	100	0	18.086	/	Pass
		1900	100	0	18.087	/	Pass
		1860	100	0	18.160	/	Pass
	16QAM	1880	100	0	18.170	/	Pass
		1900	100	0	18.067	/	Pass
		1860	100	0	18.154	/	Pass
	64QAM	1880	100	0	18.129	/	Pass
		1900	100	0	18.070	/	Pass
		1860	100	0	18.141	/	Pass



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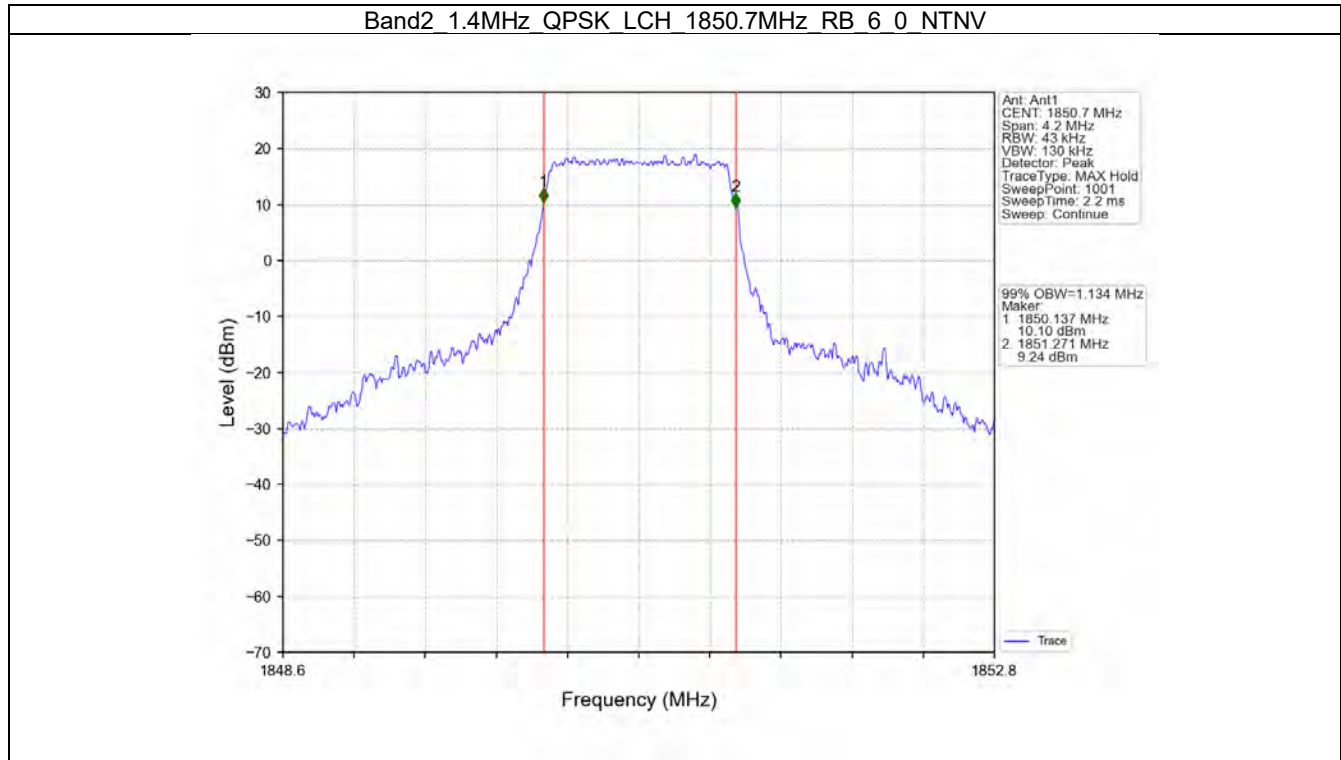
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3.1.2 Test Graph



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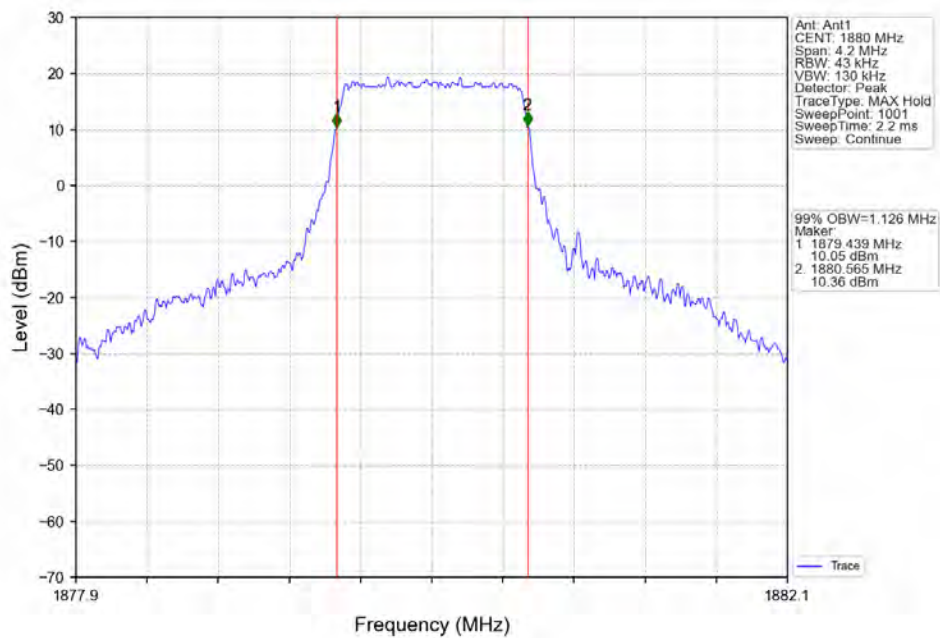
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Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV



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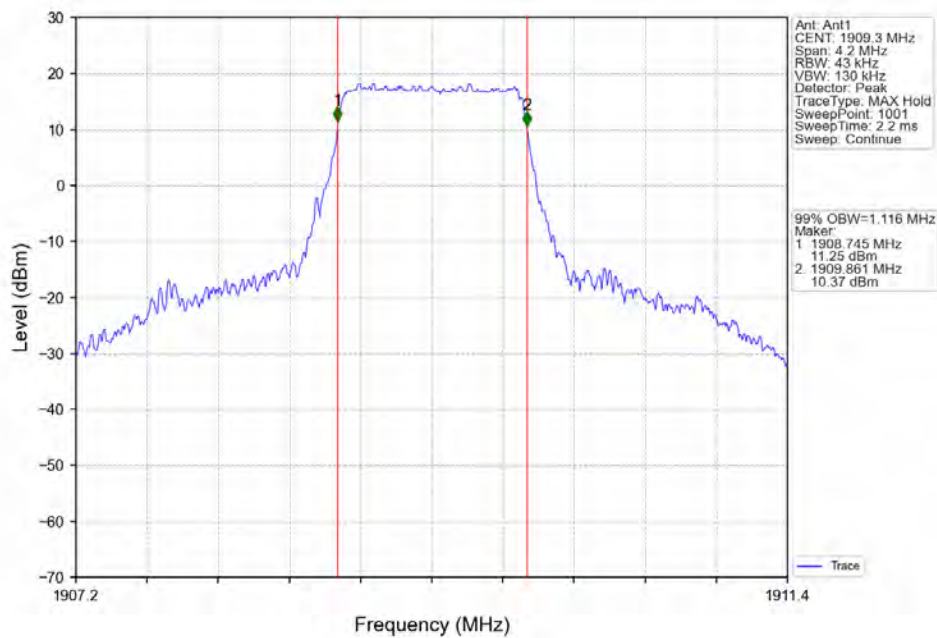
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Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



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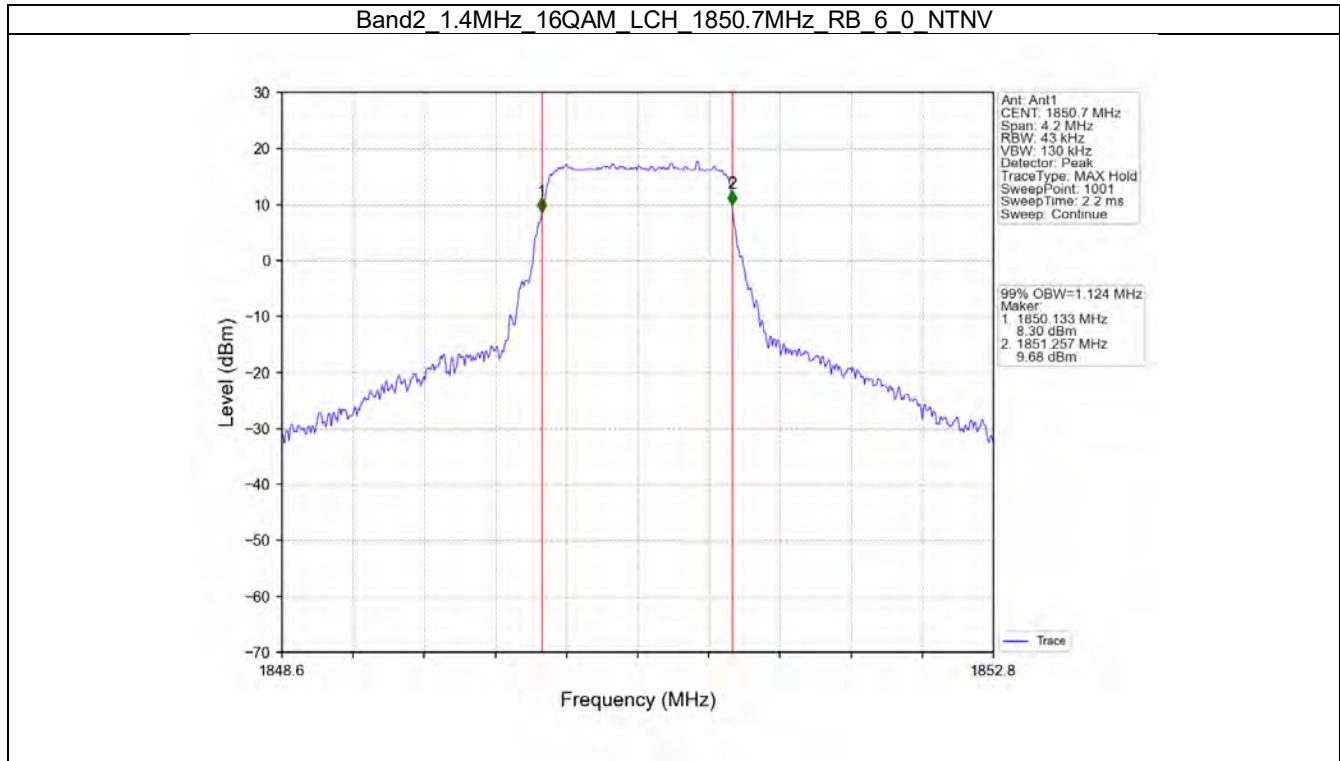


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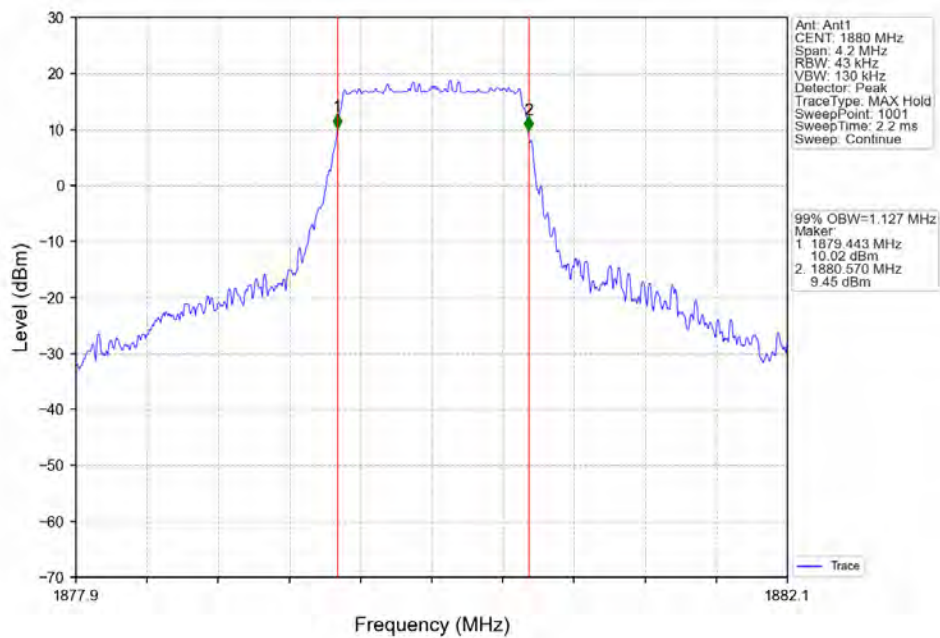
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Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



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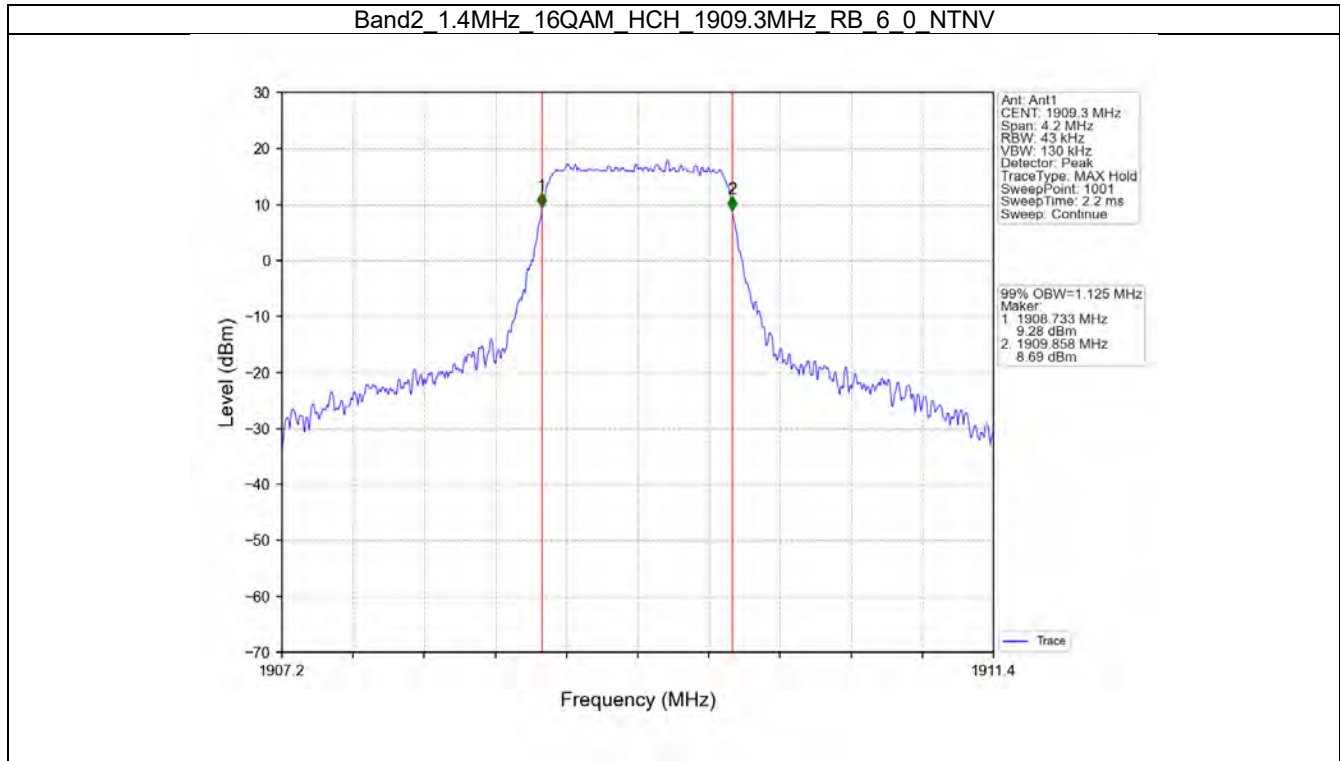


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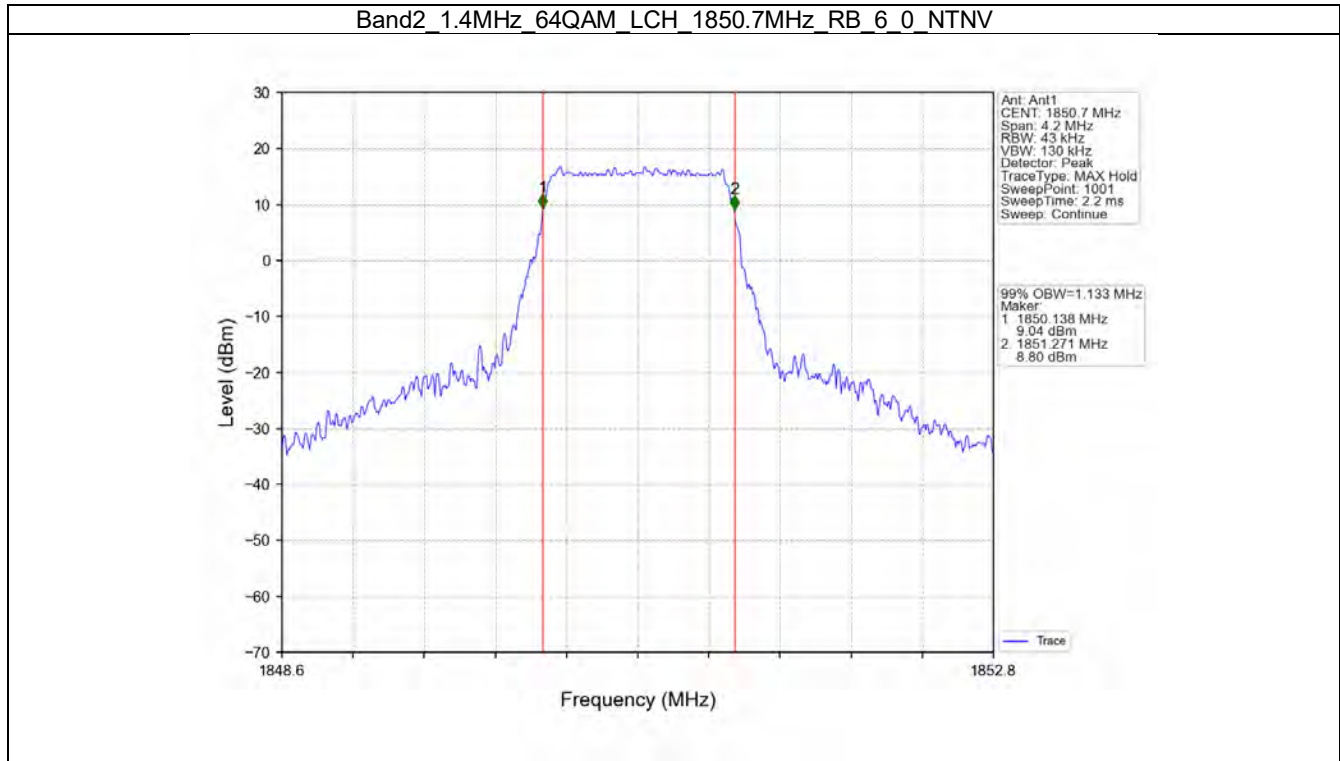


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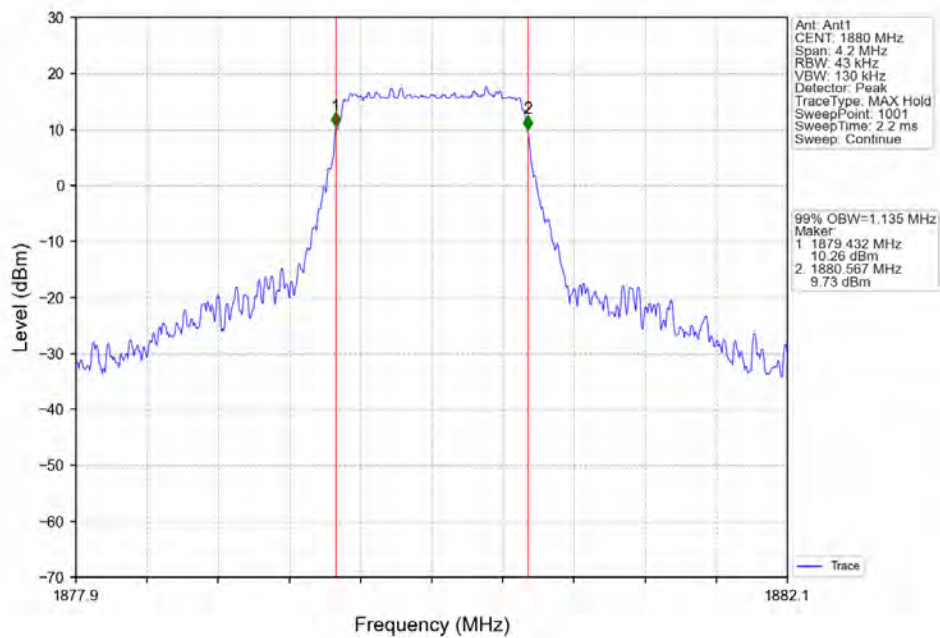
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Band2_1.4MHz_64QAM_MCH_1880MHz_RB_6_0_NTNV



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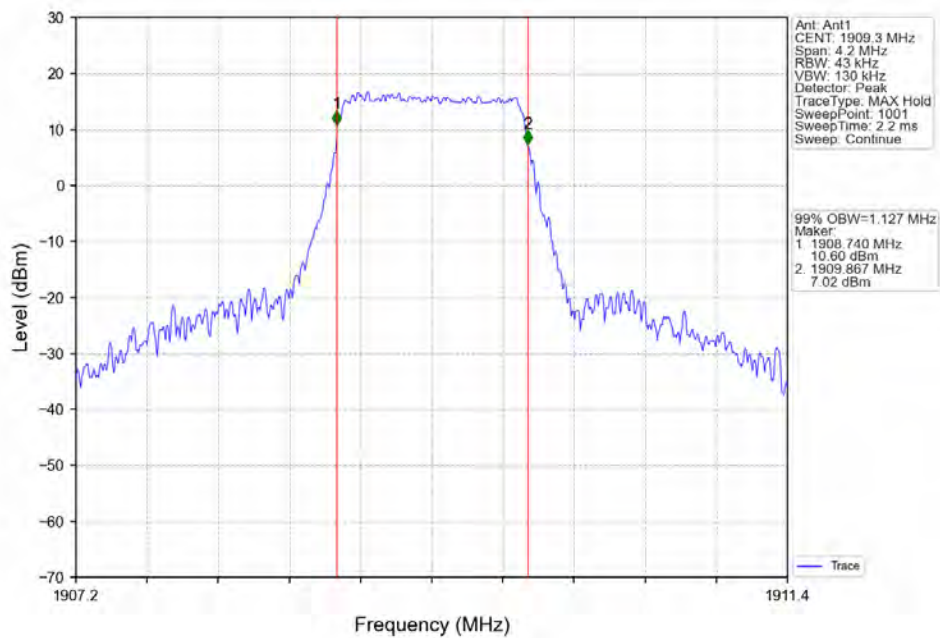
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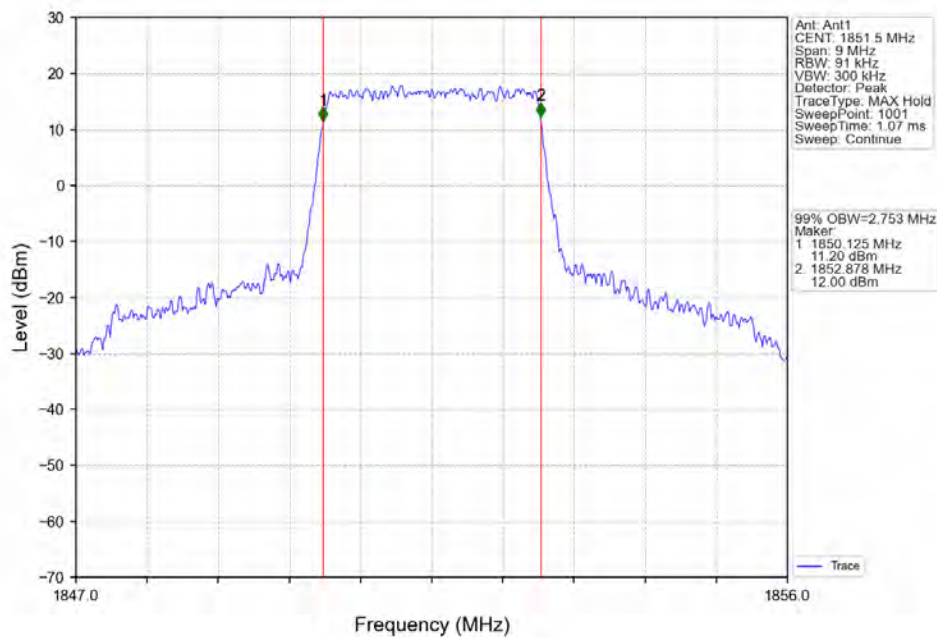
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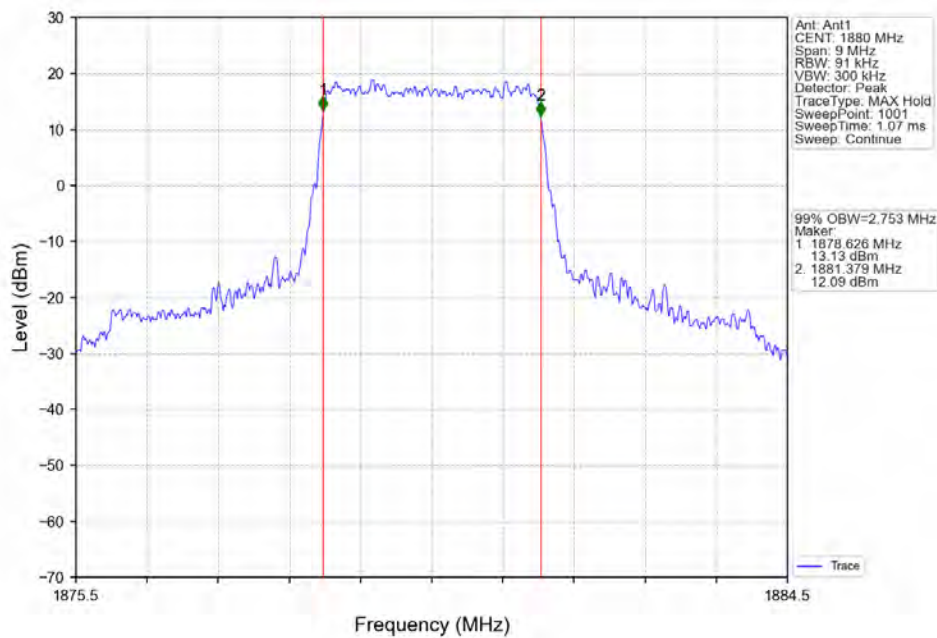
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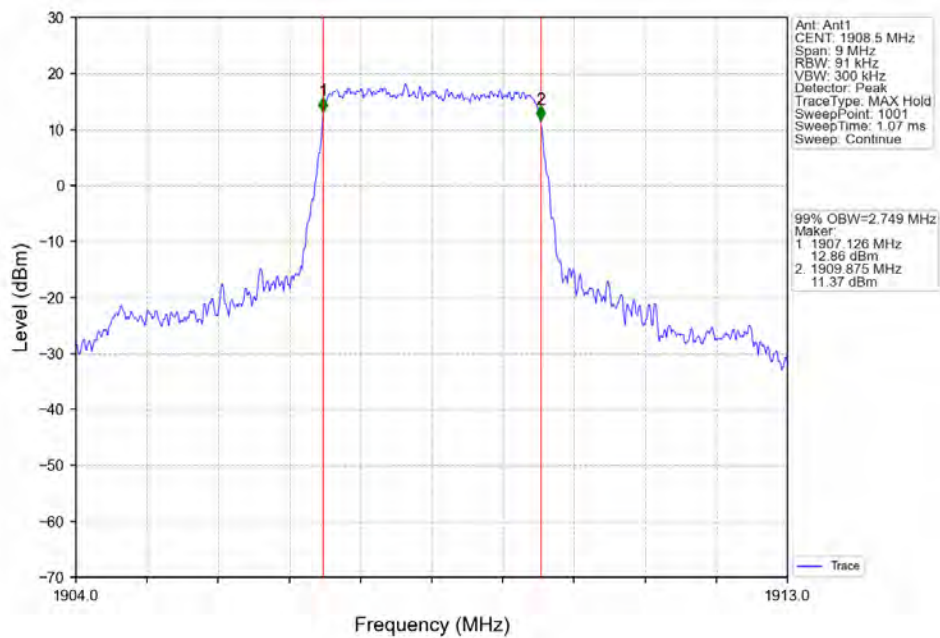
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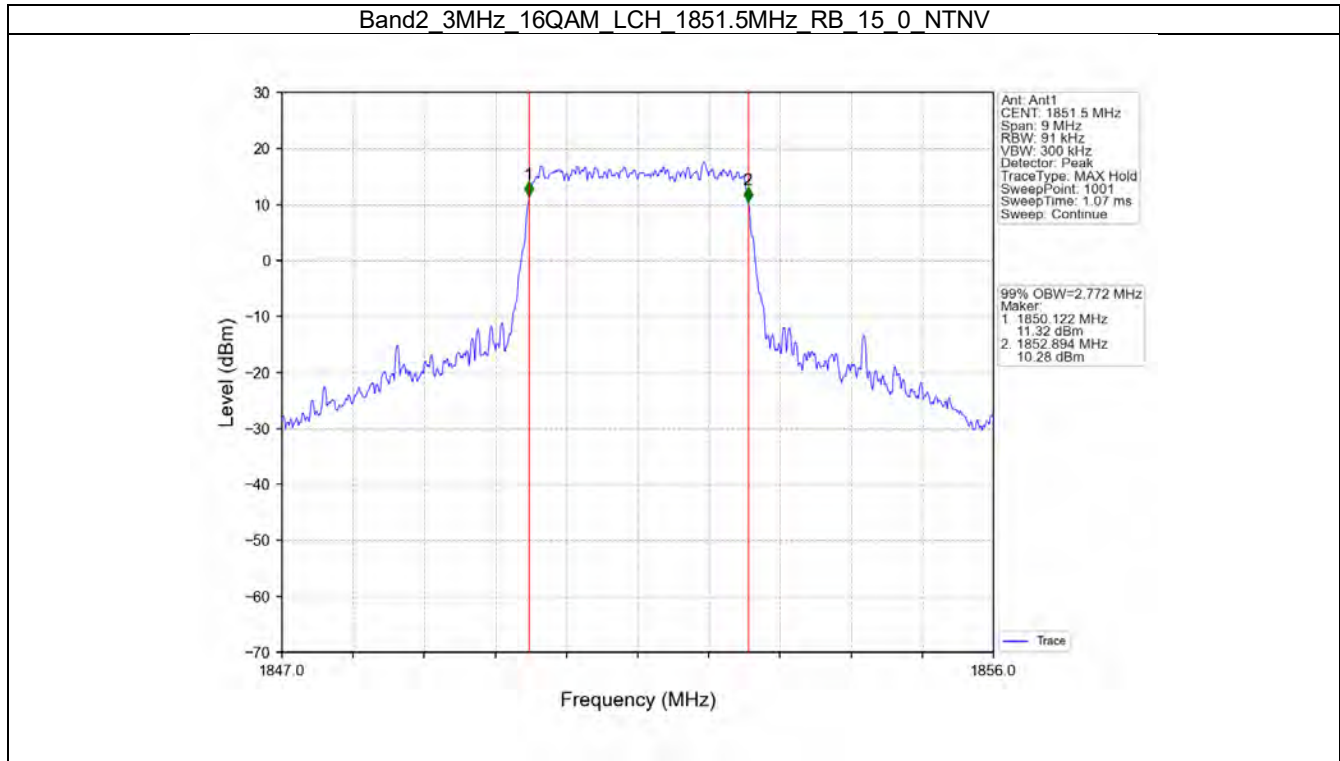


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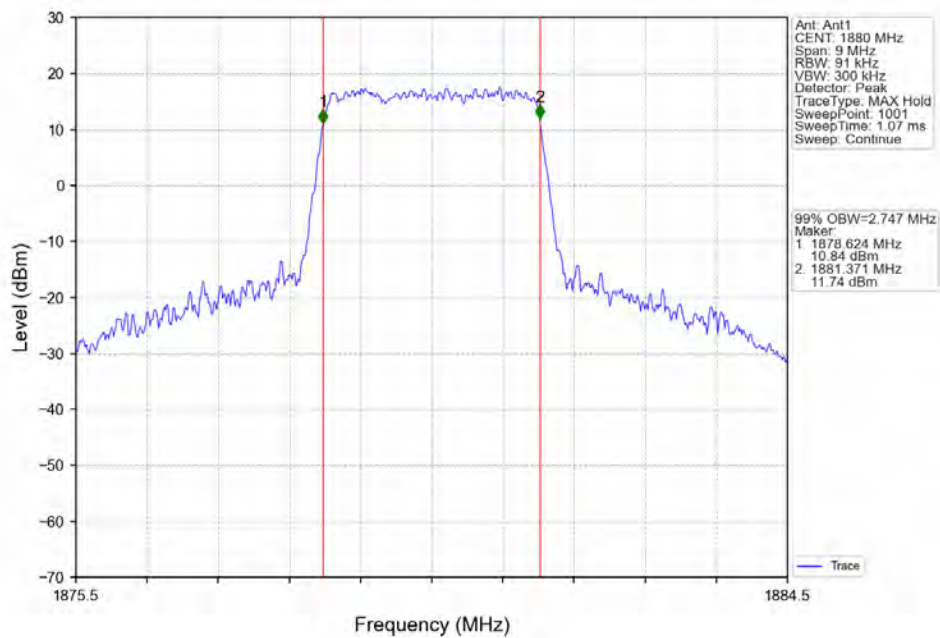
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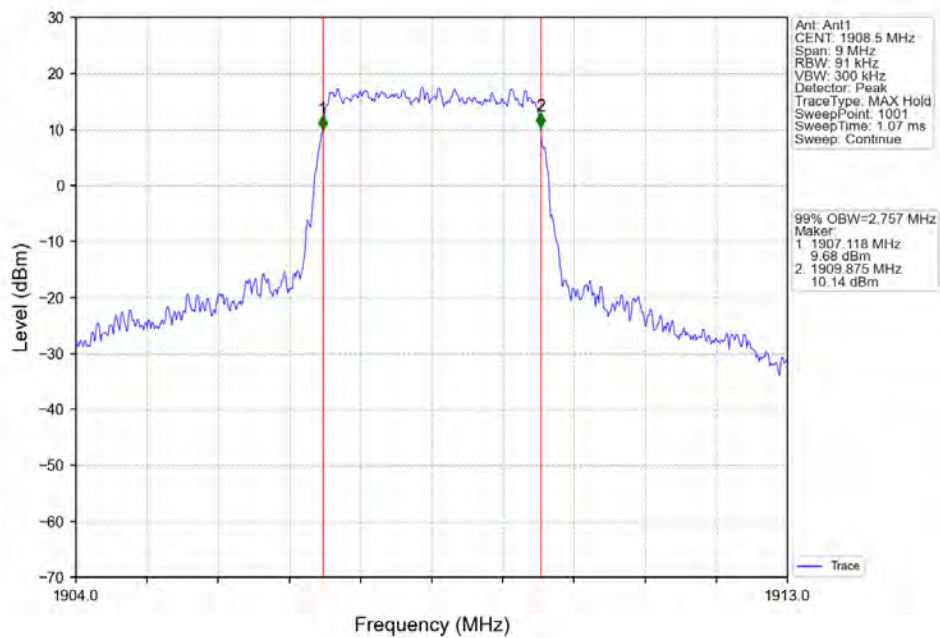
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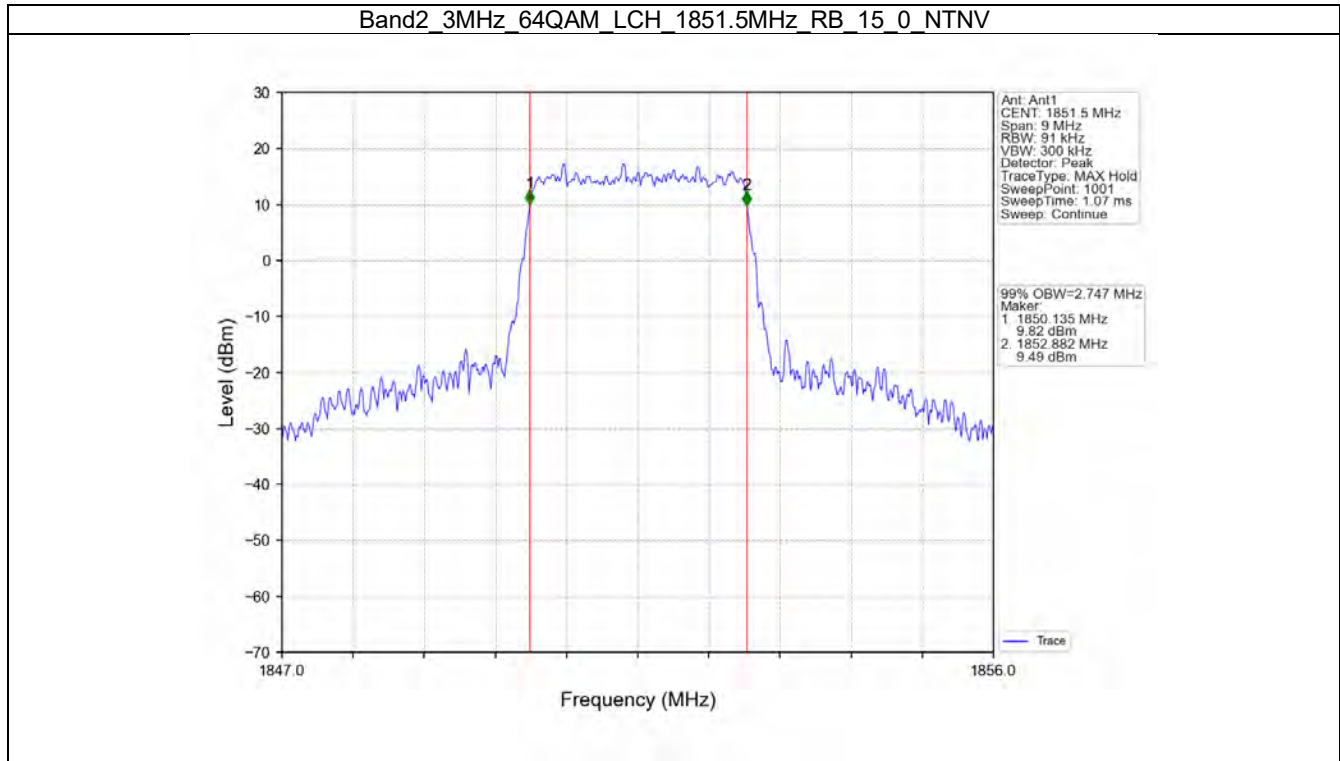


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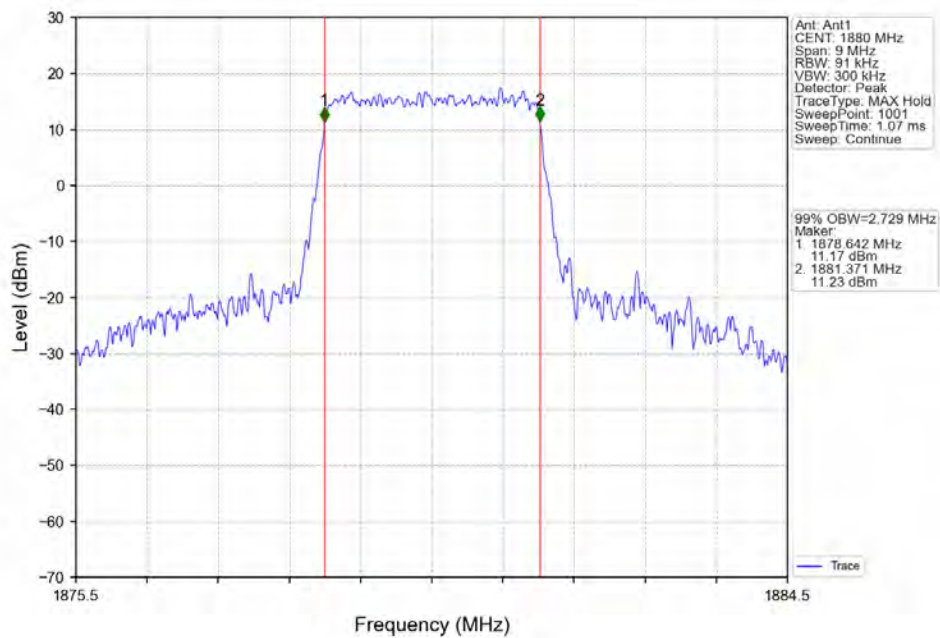
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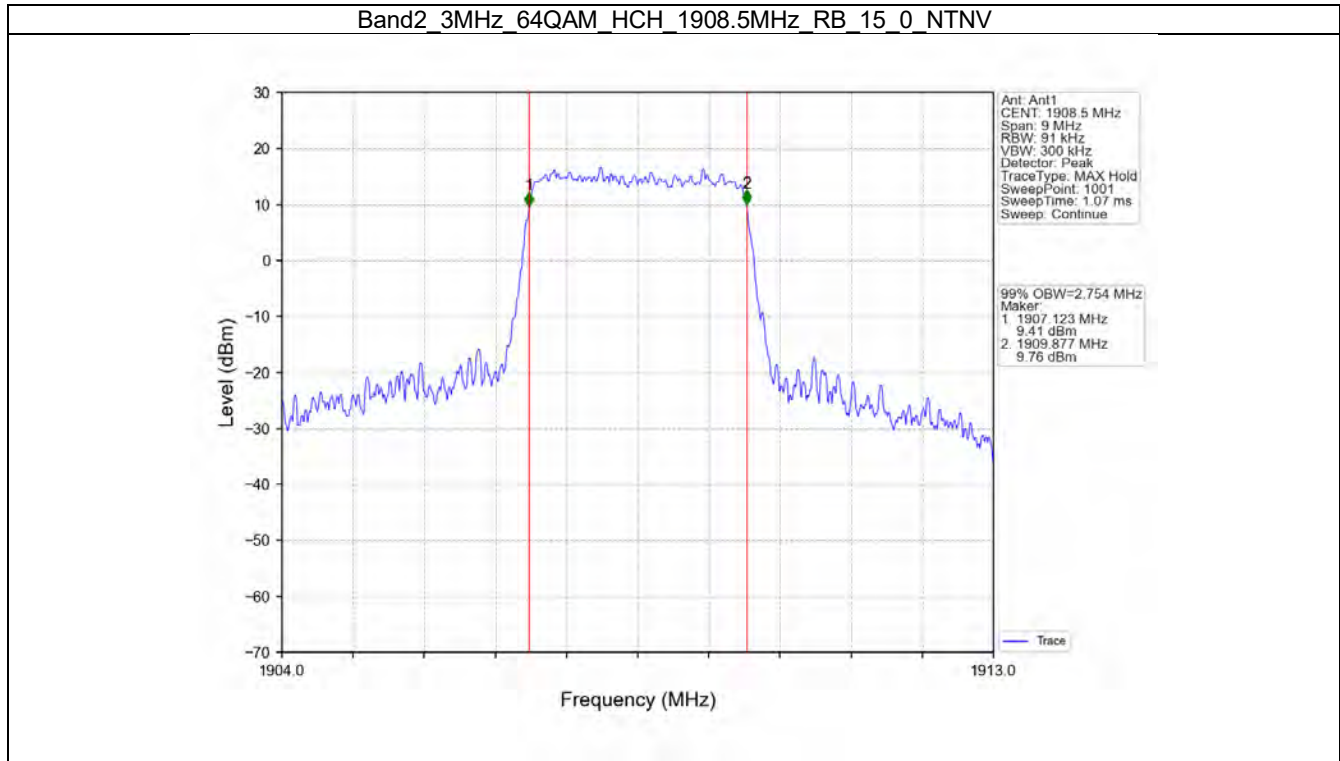


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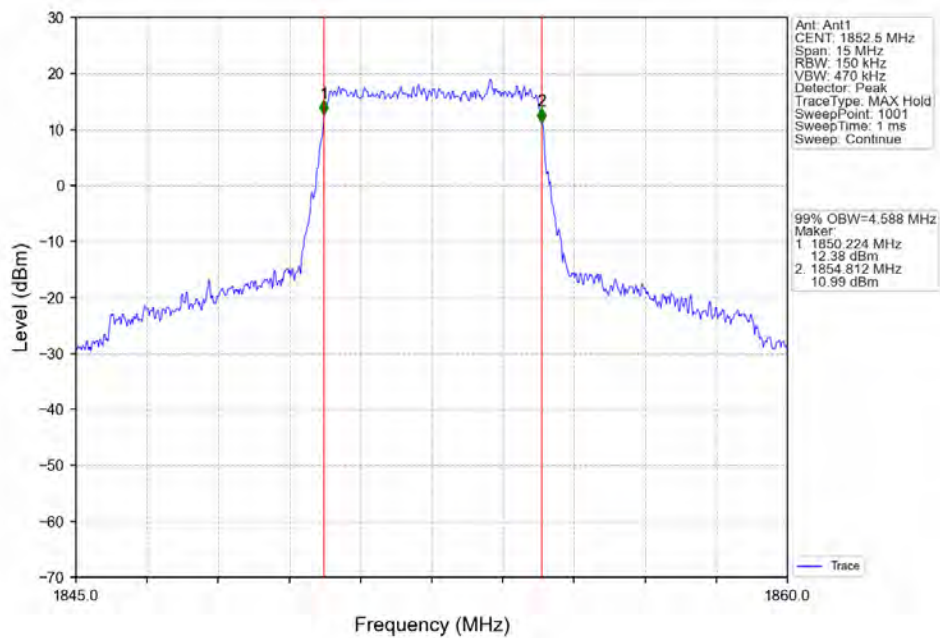
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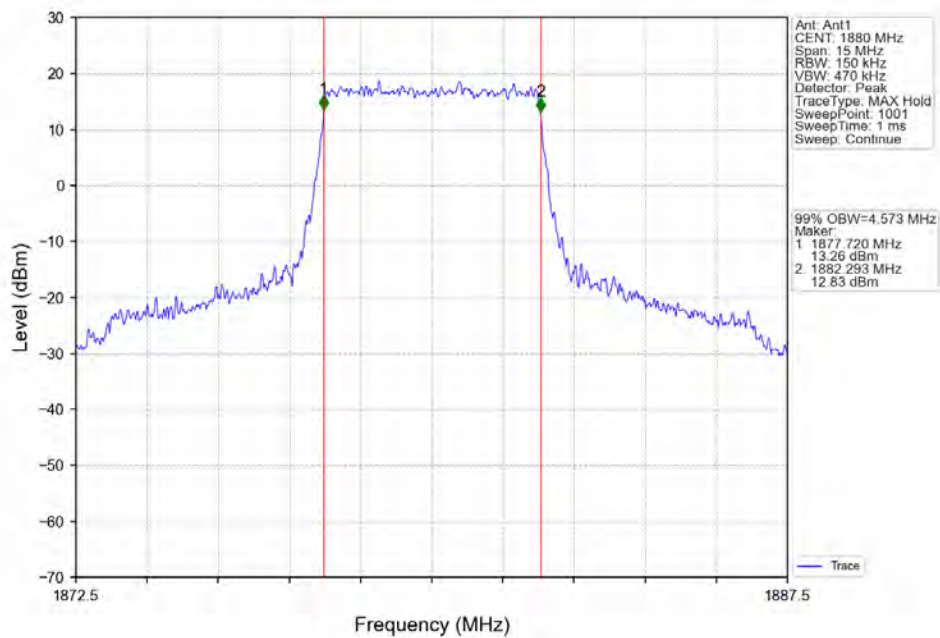
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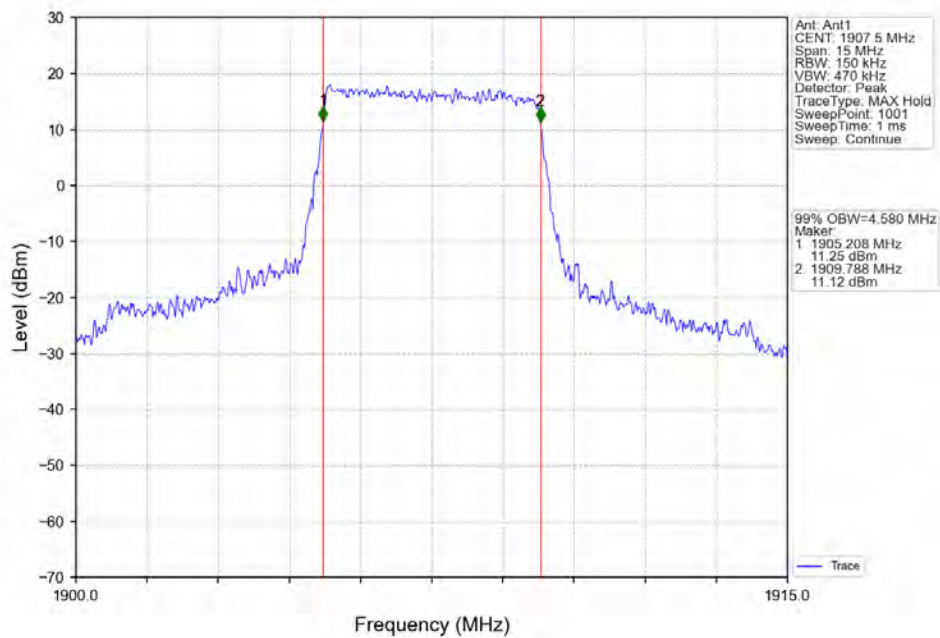
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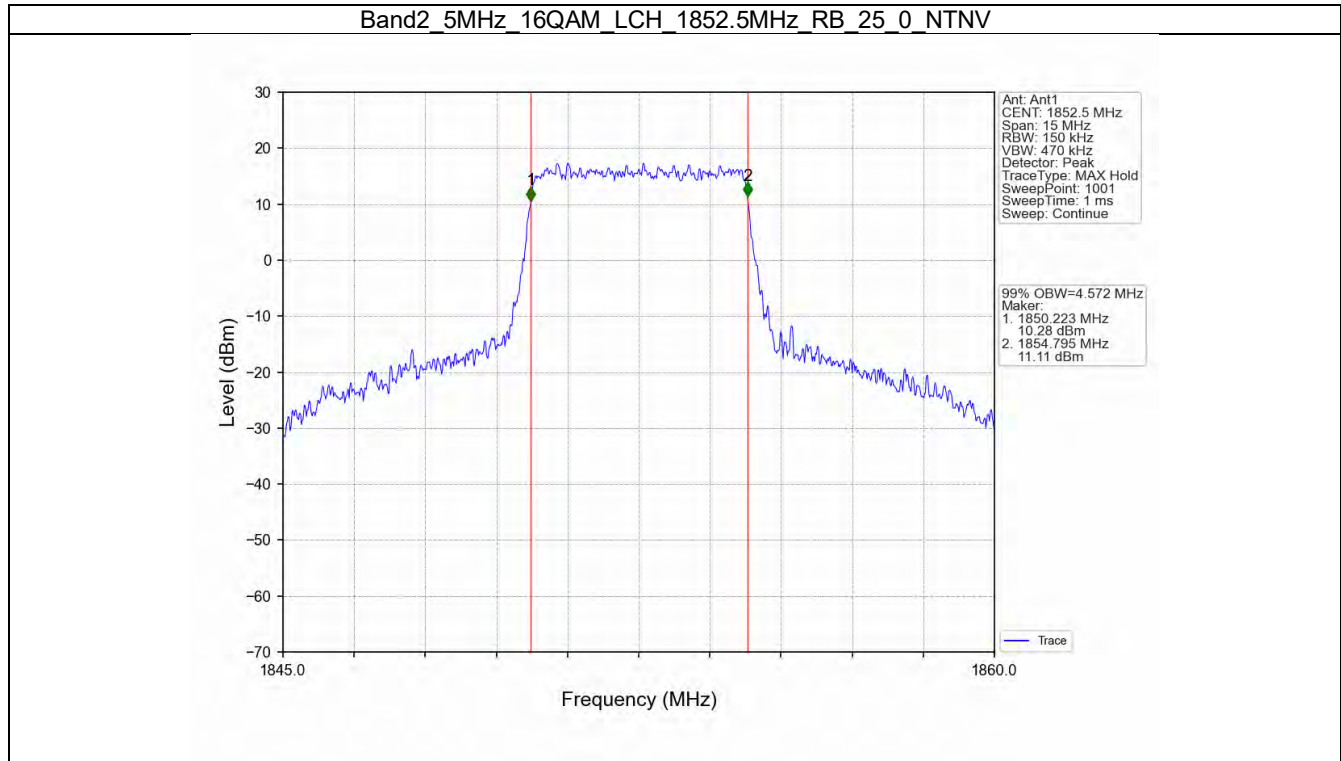


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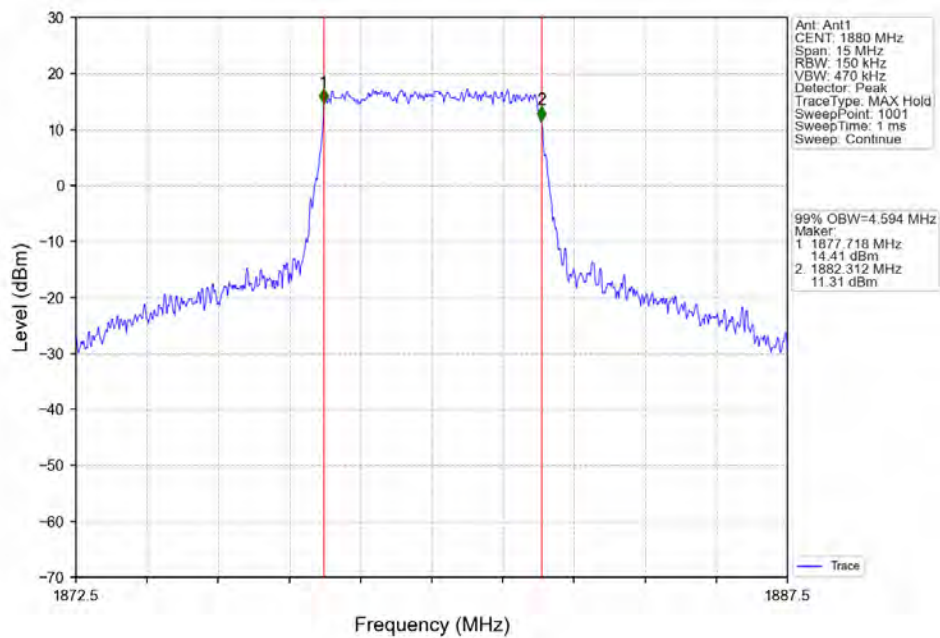
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Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



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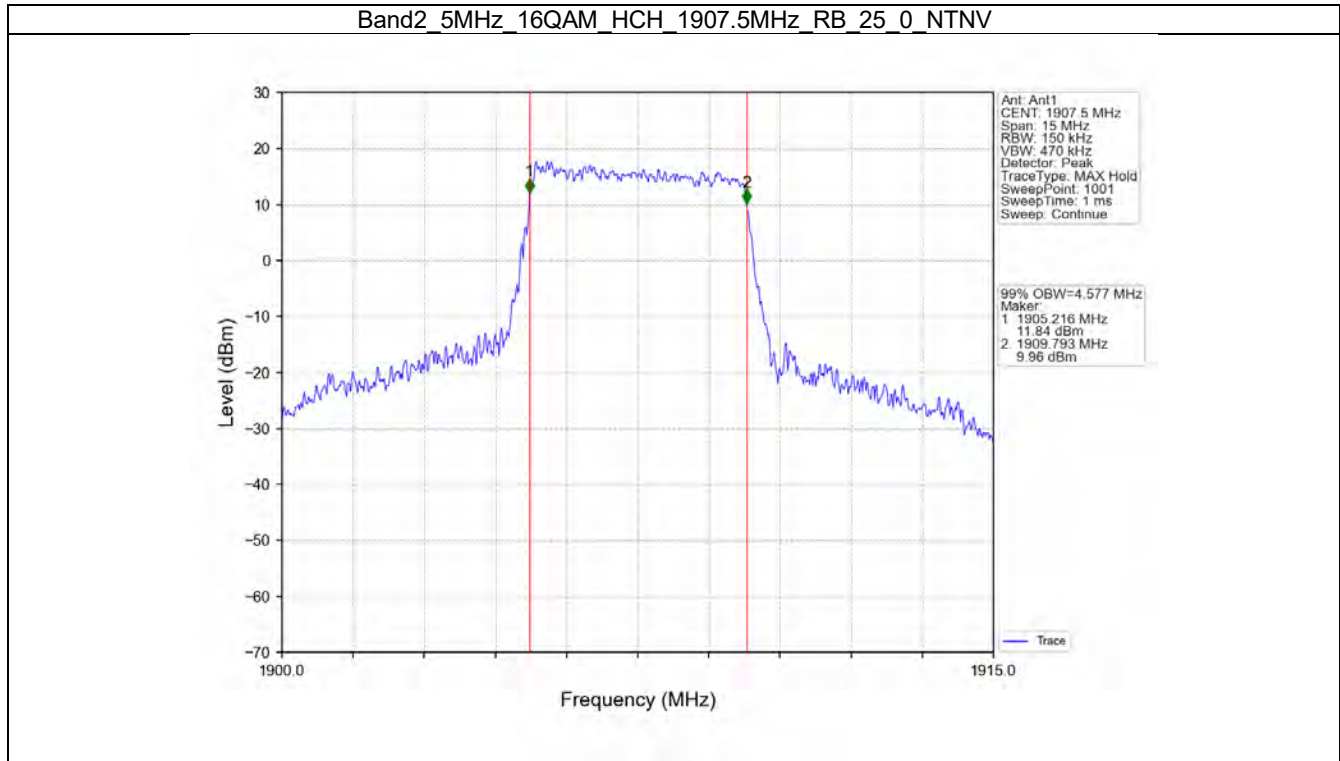


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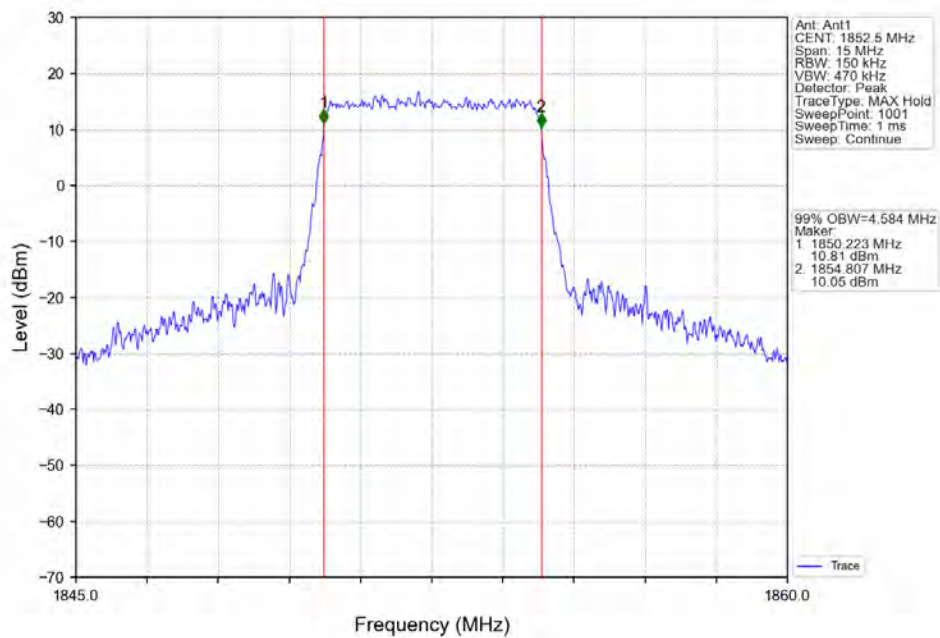
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Band2_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



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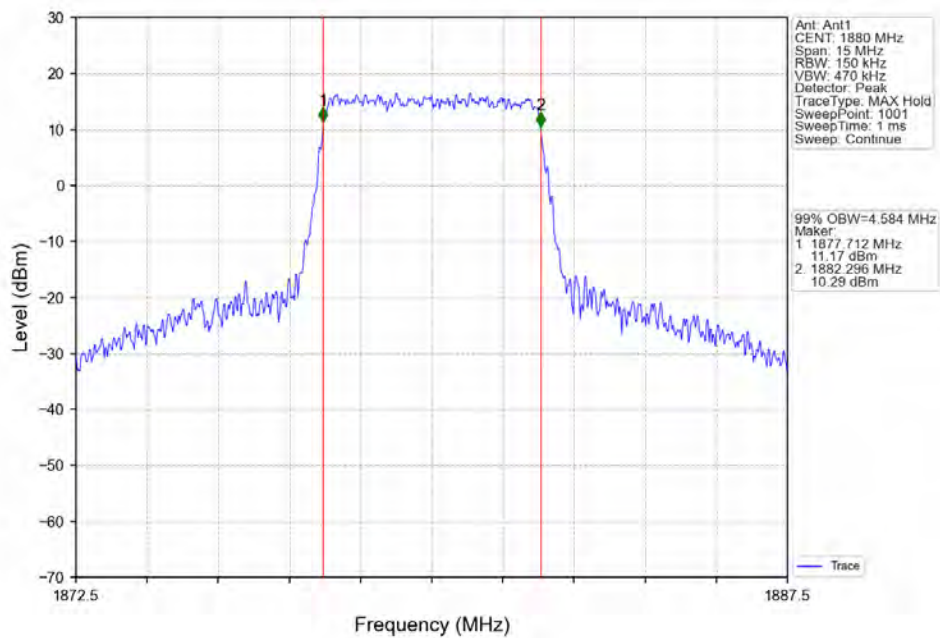
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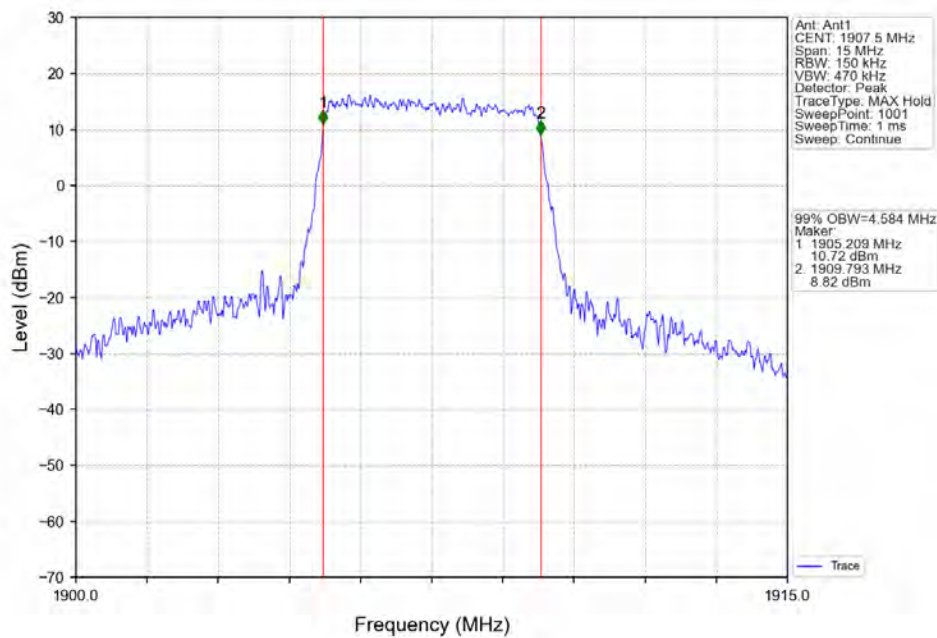
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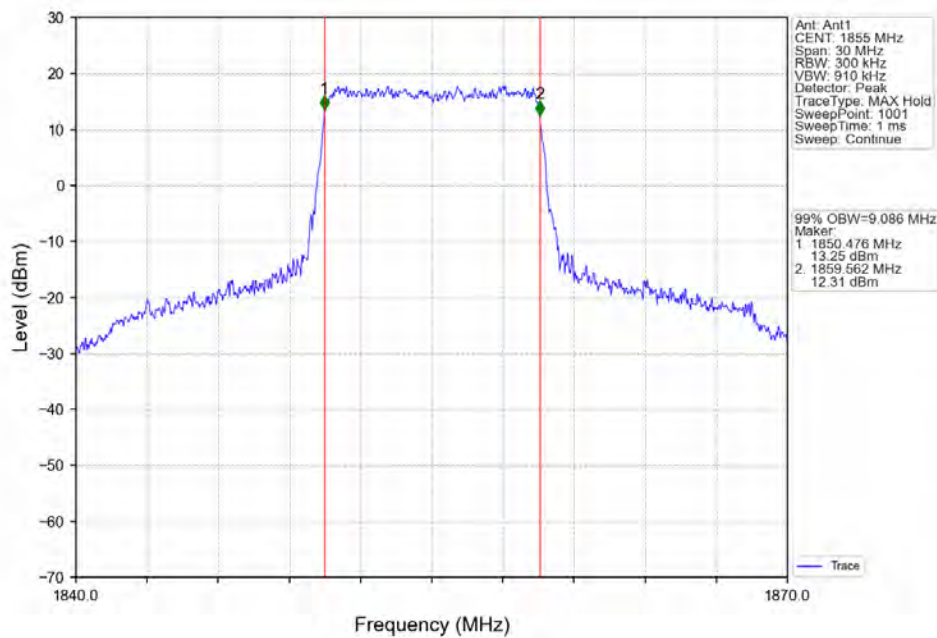
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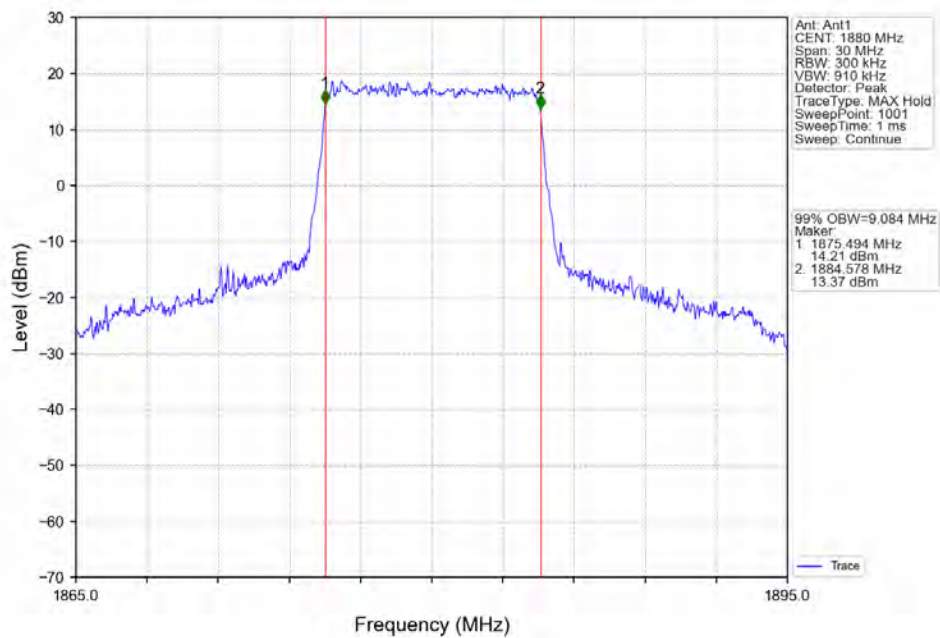
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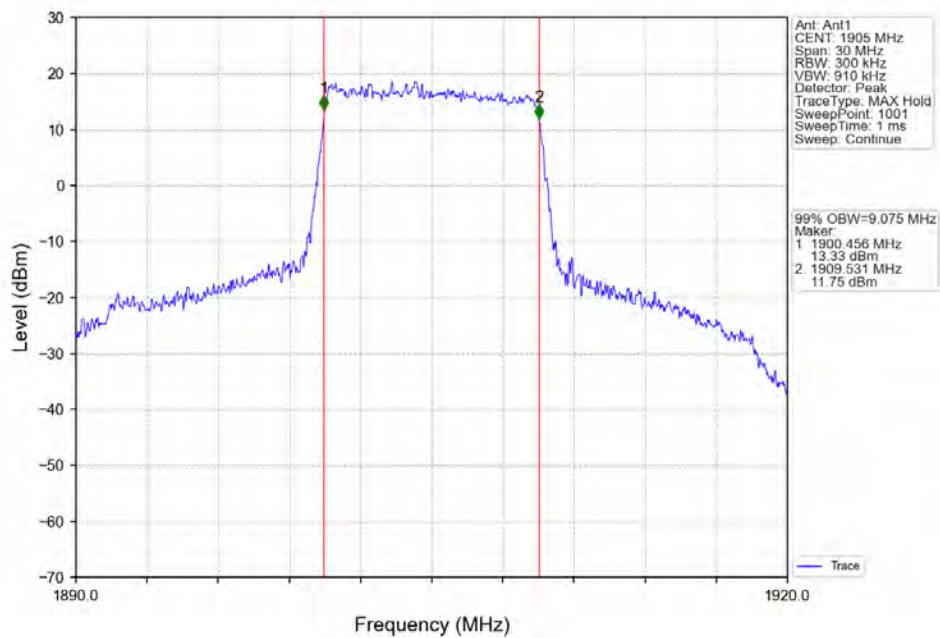
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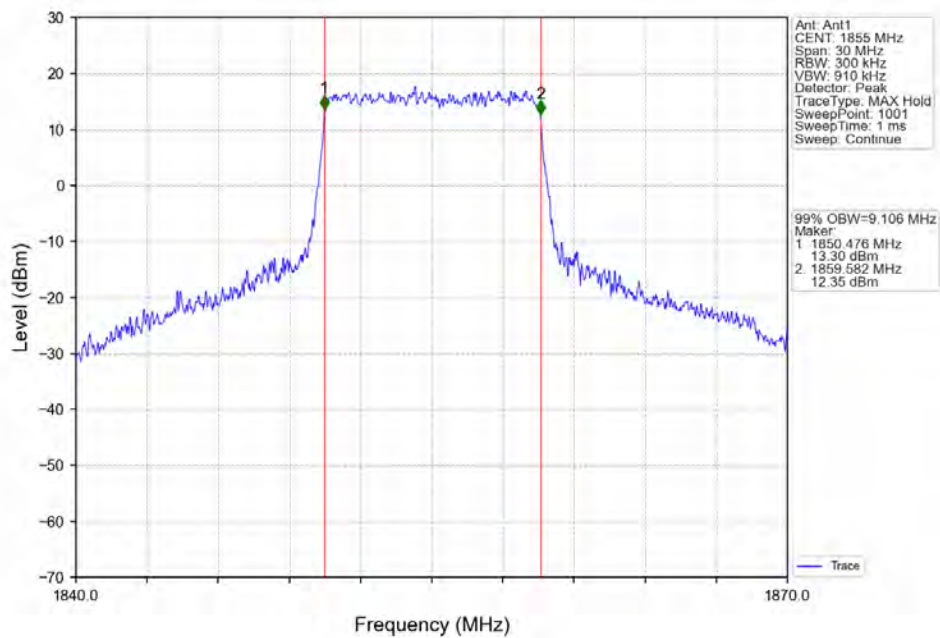
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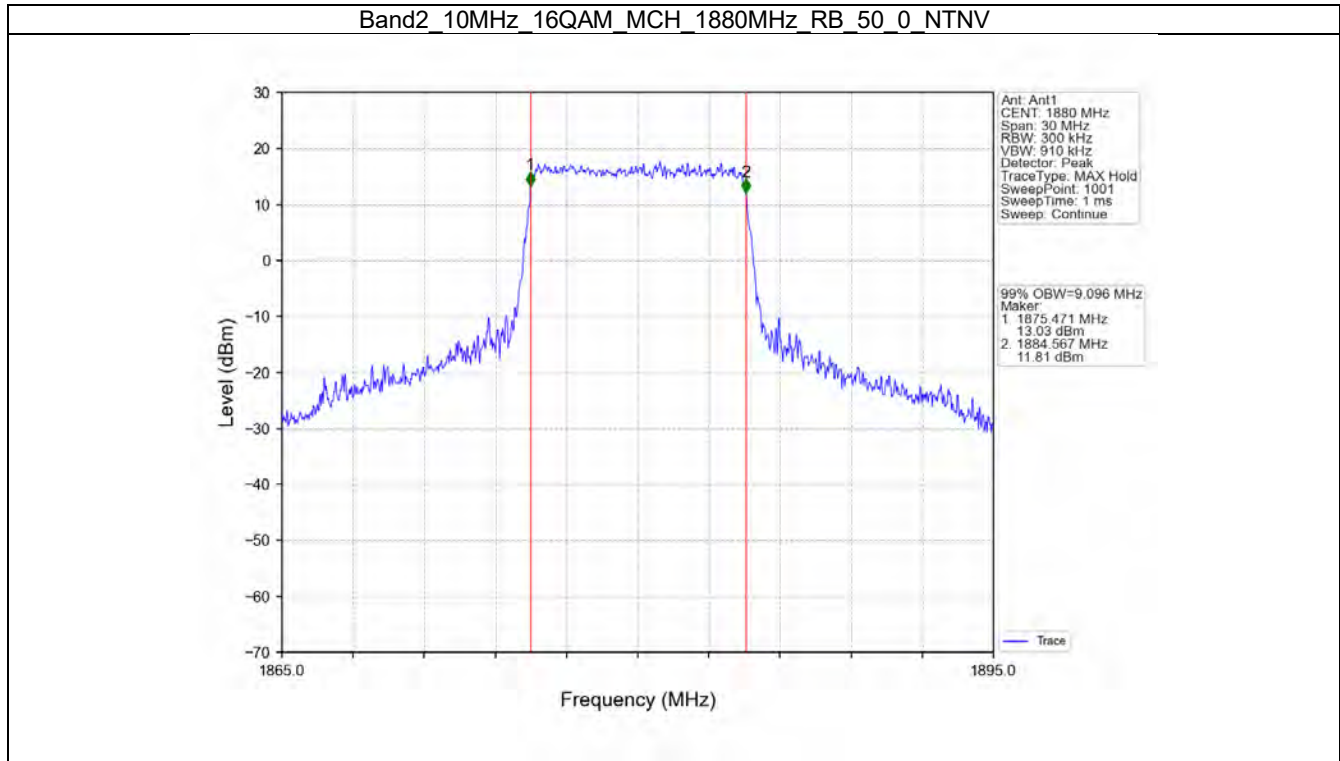


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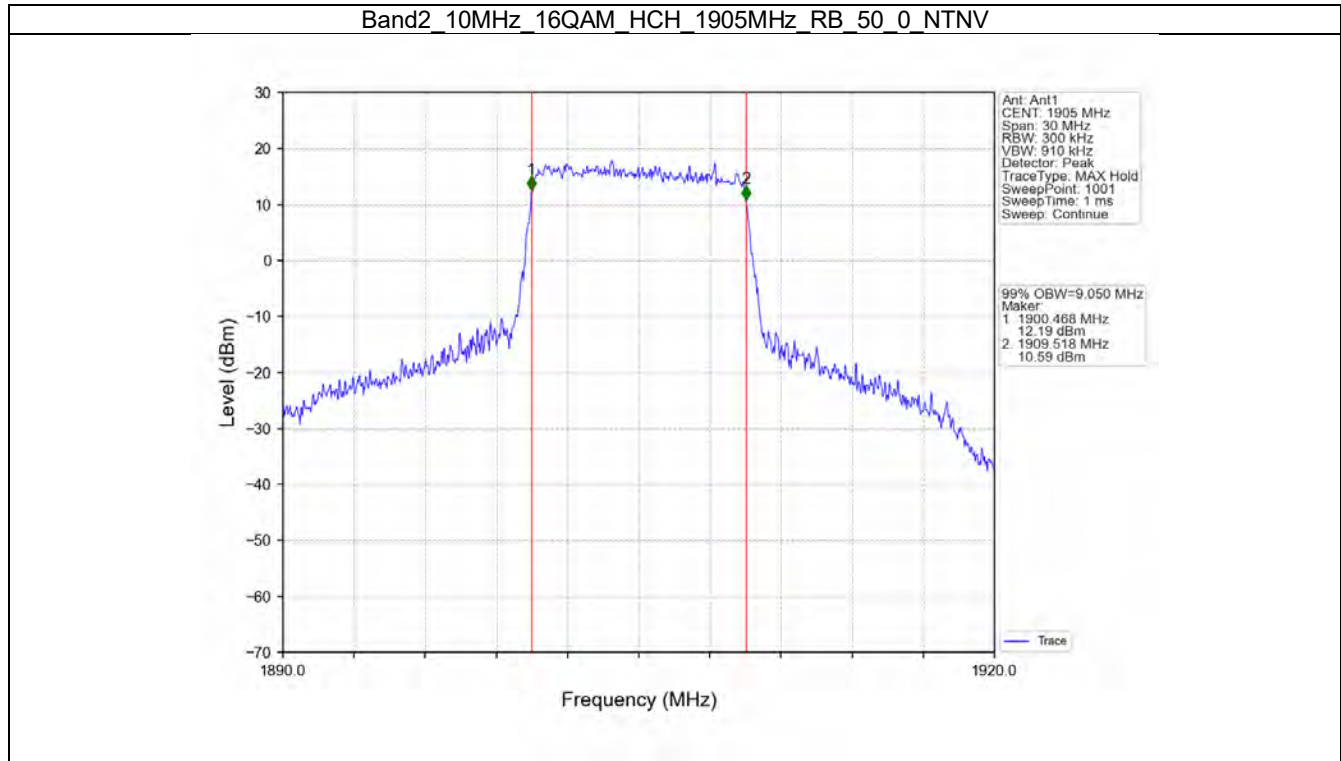


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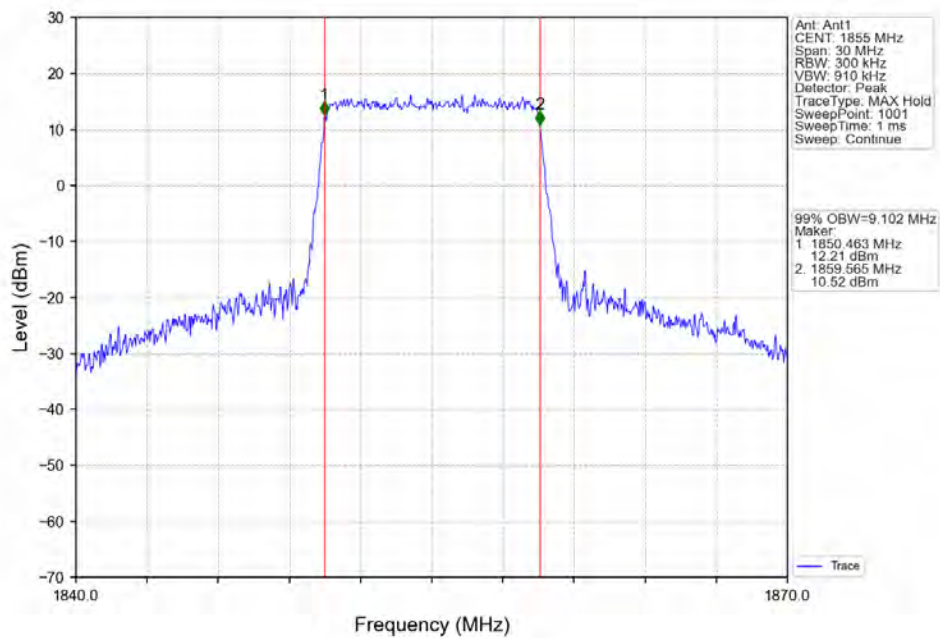
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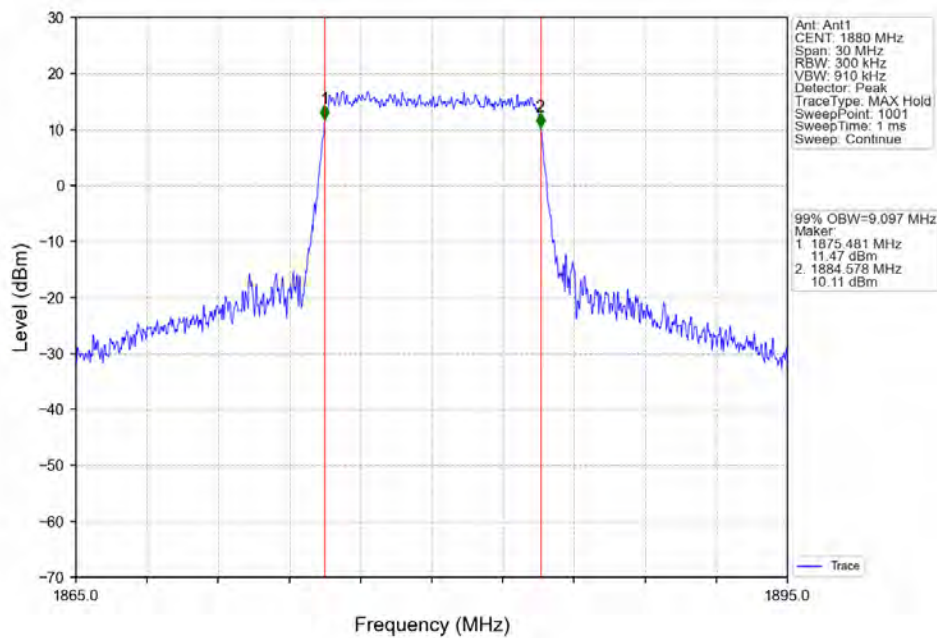
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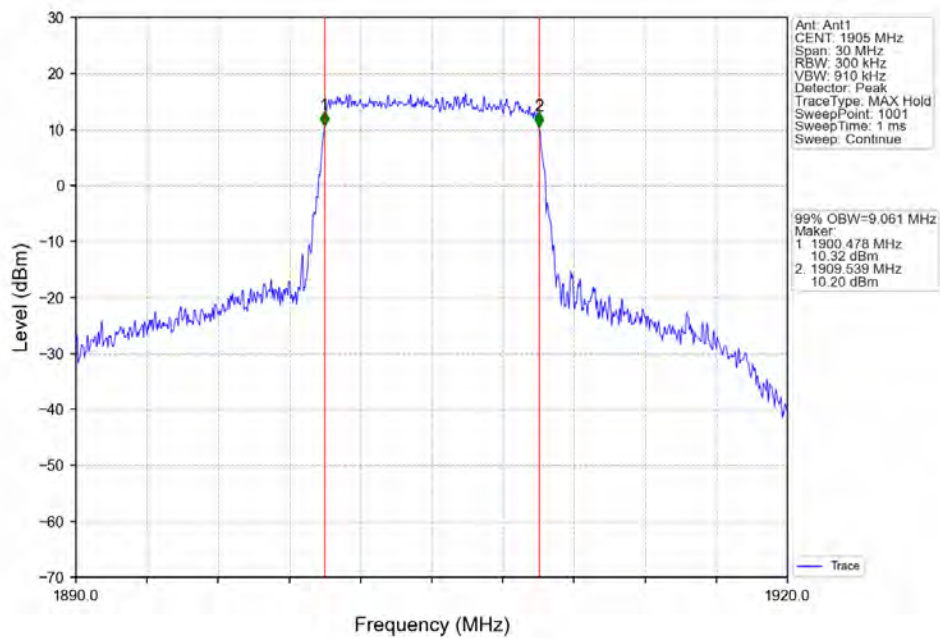
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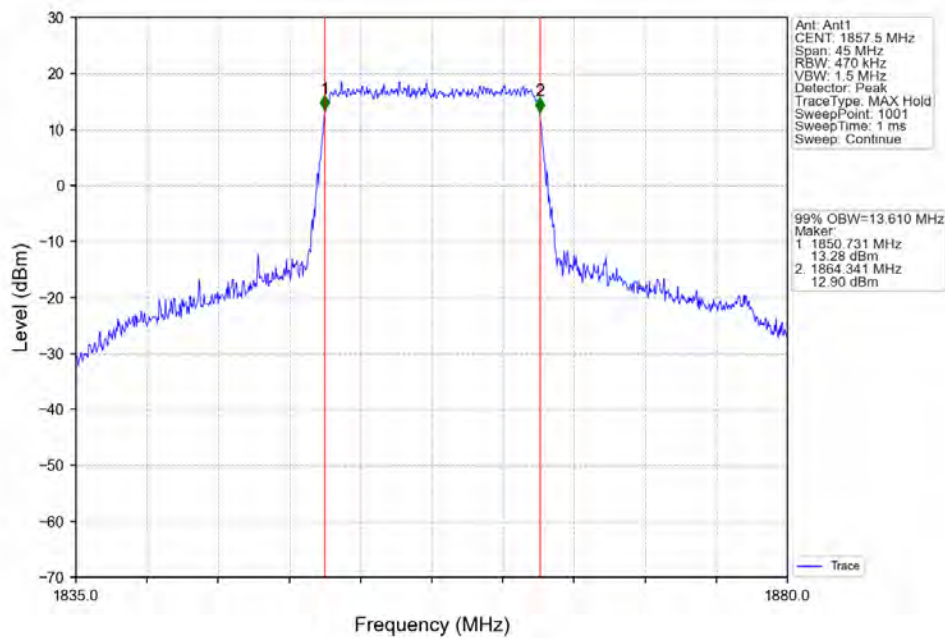
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Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



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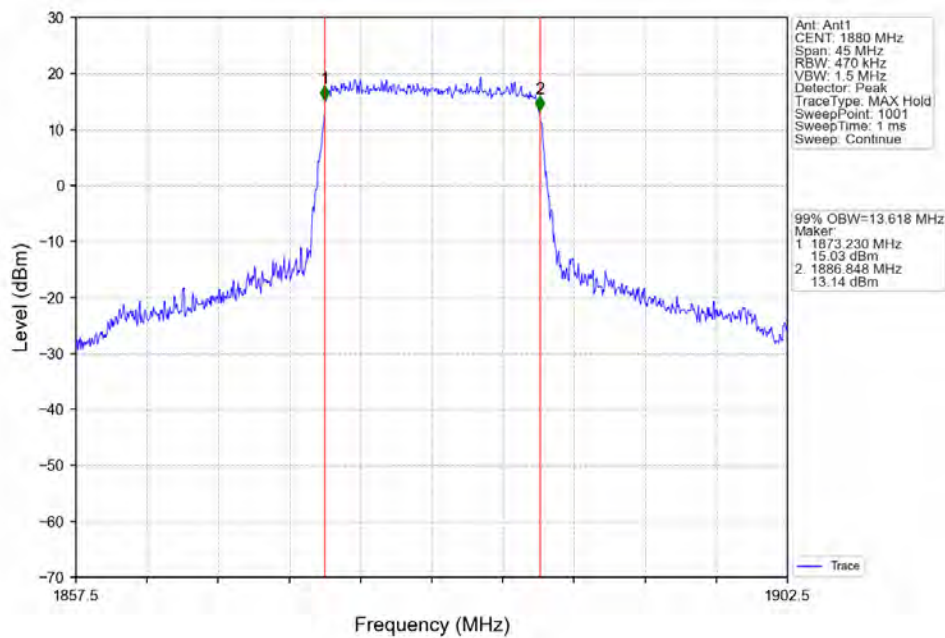
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Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



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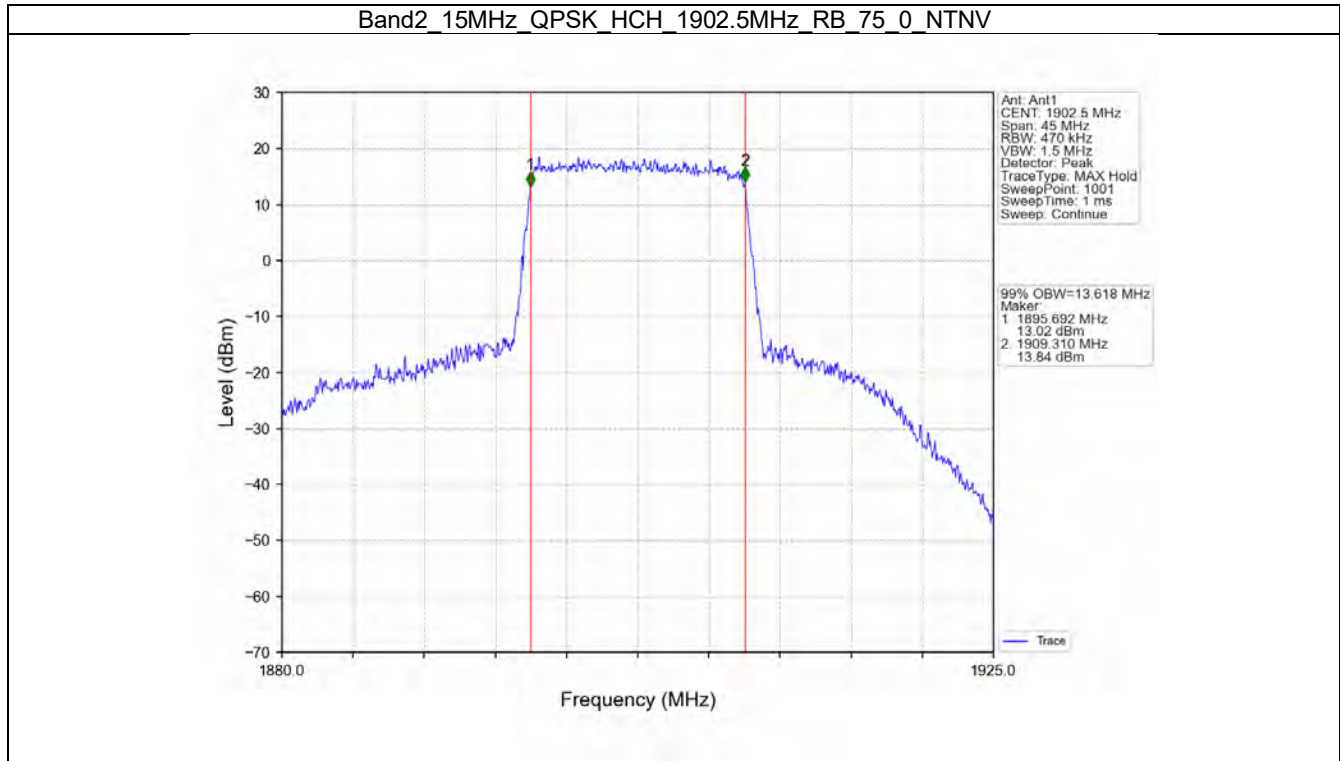


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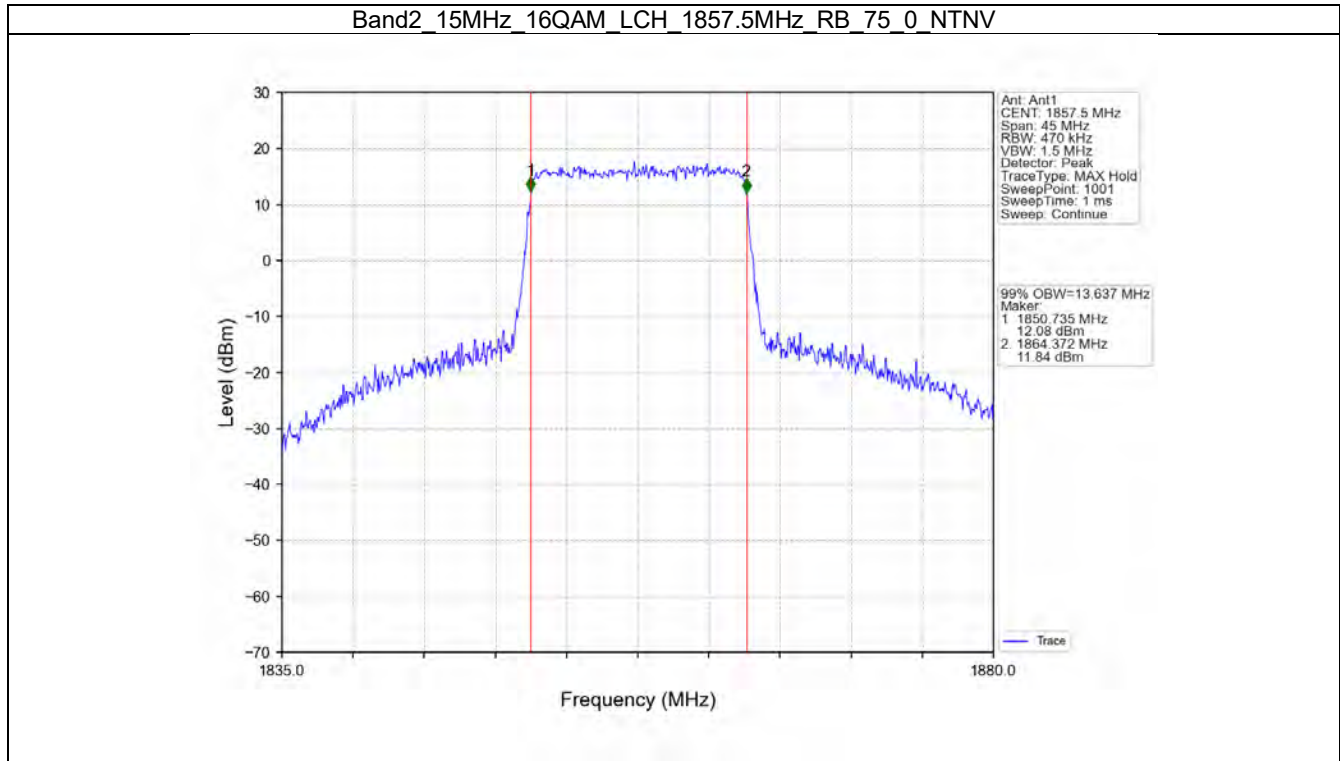


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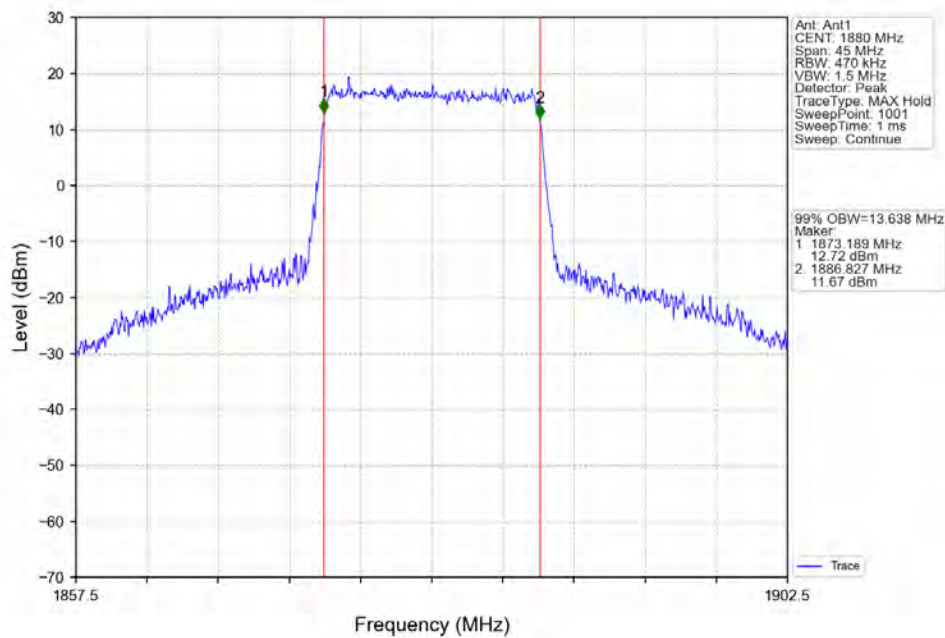
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Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



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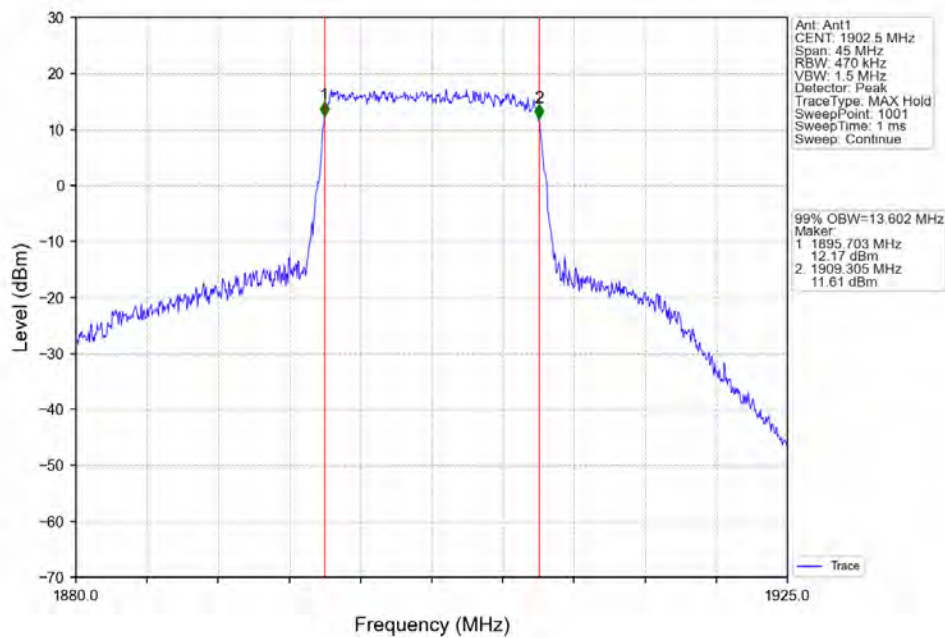
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Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



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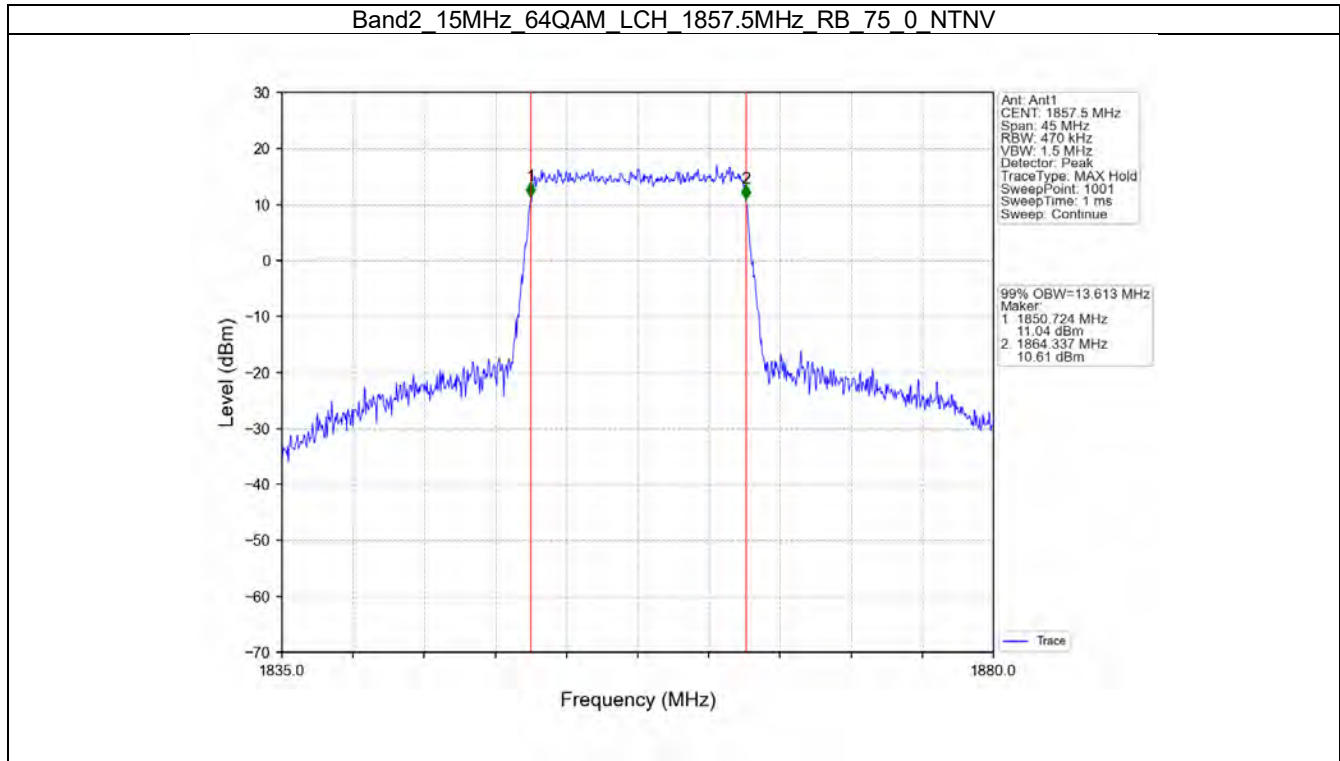


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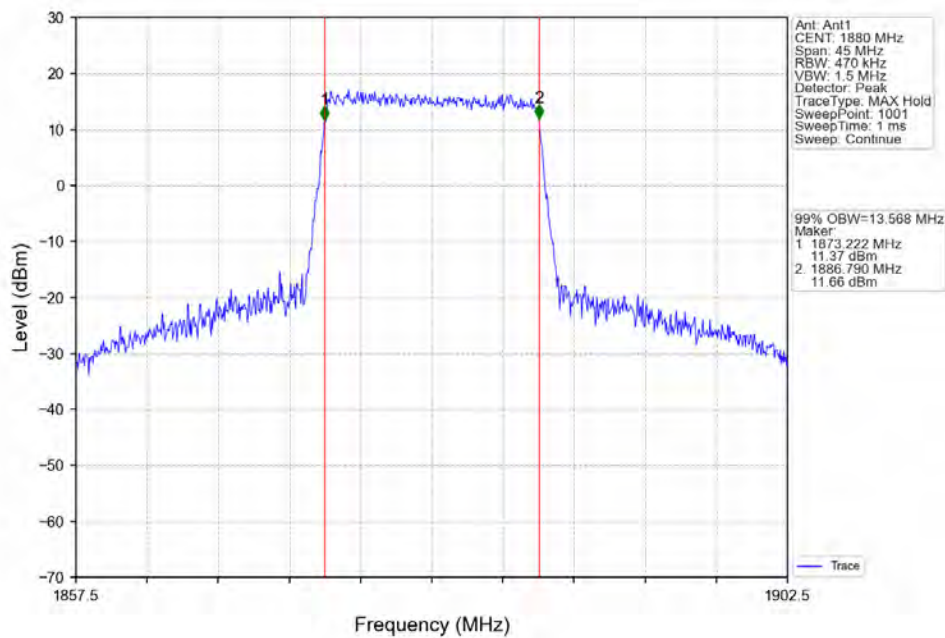
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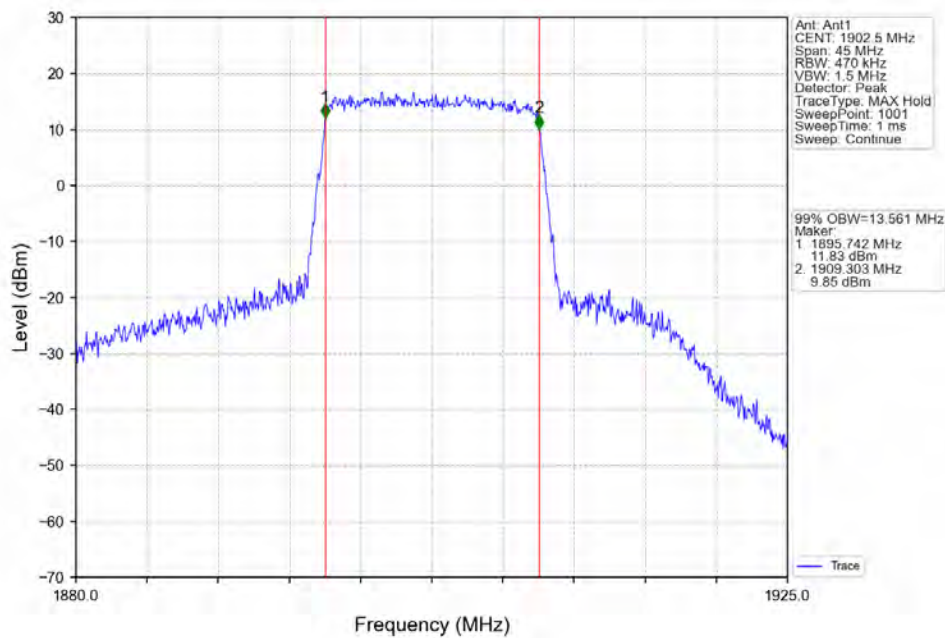
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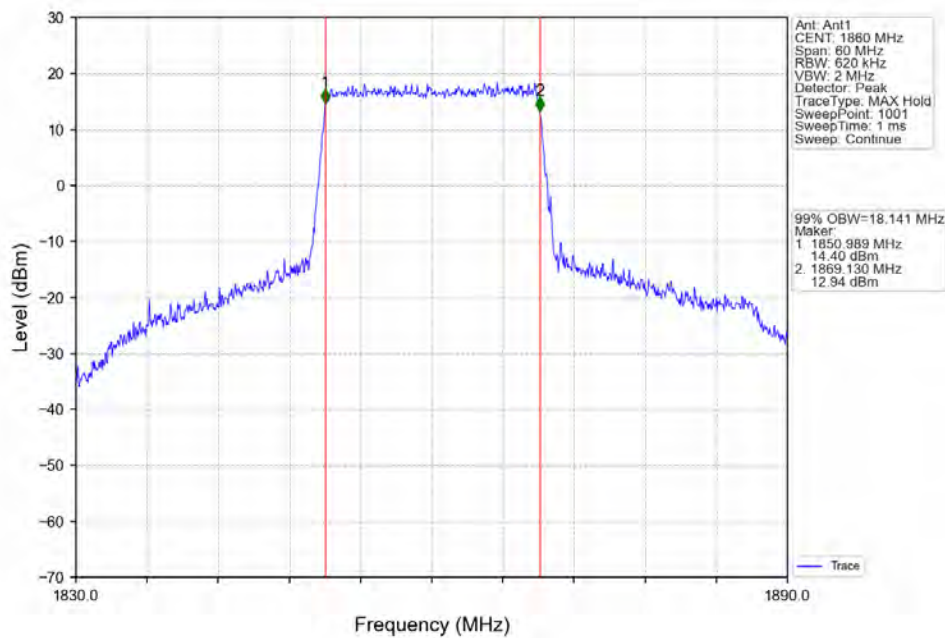
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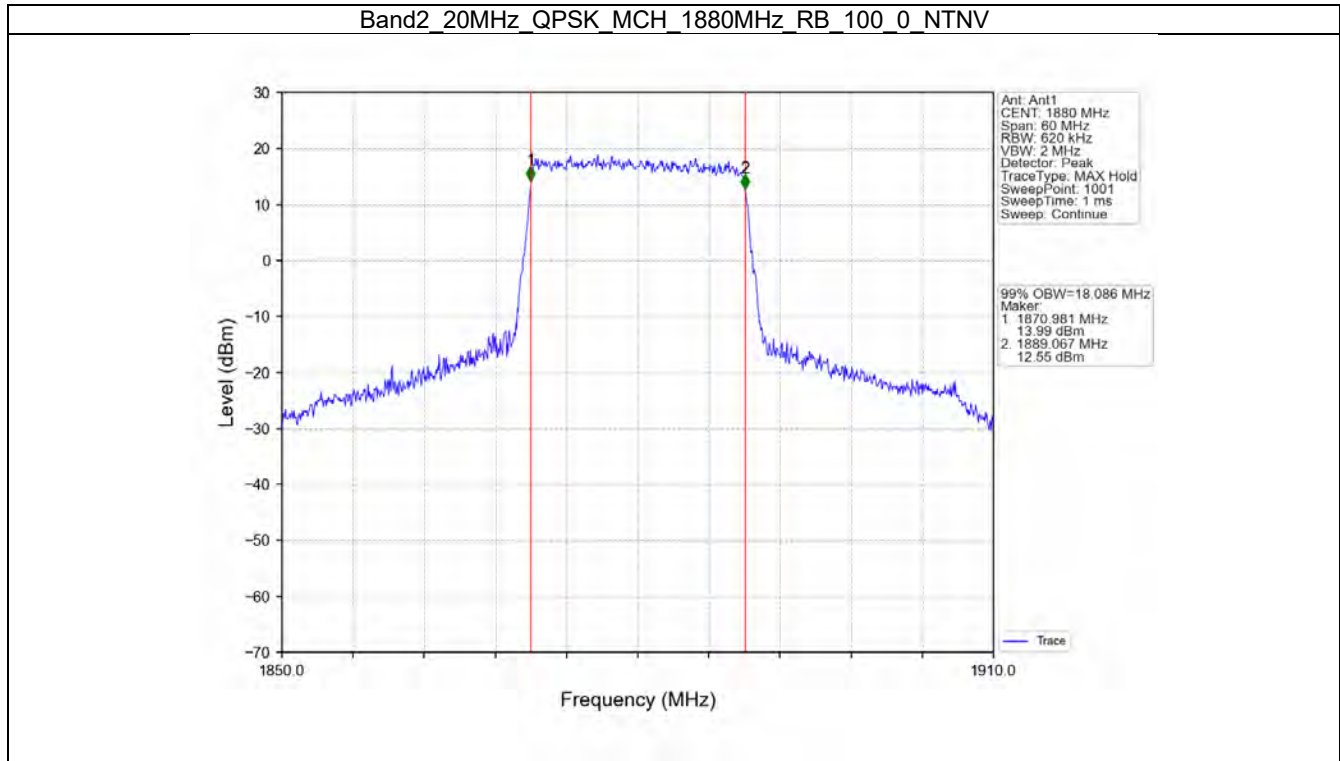


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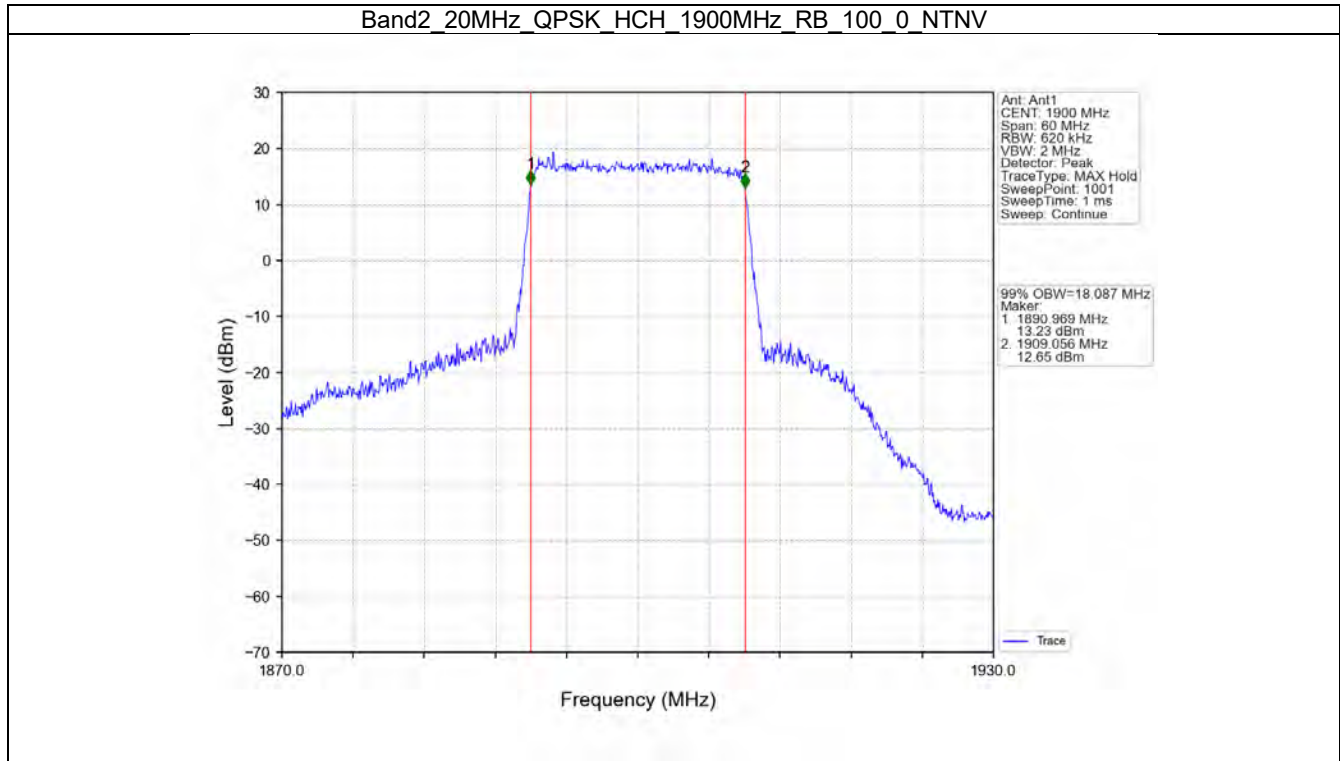


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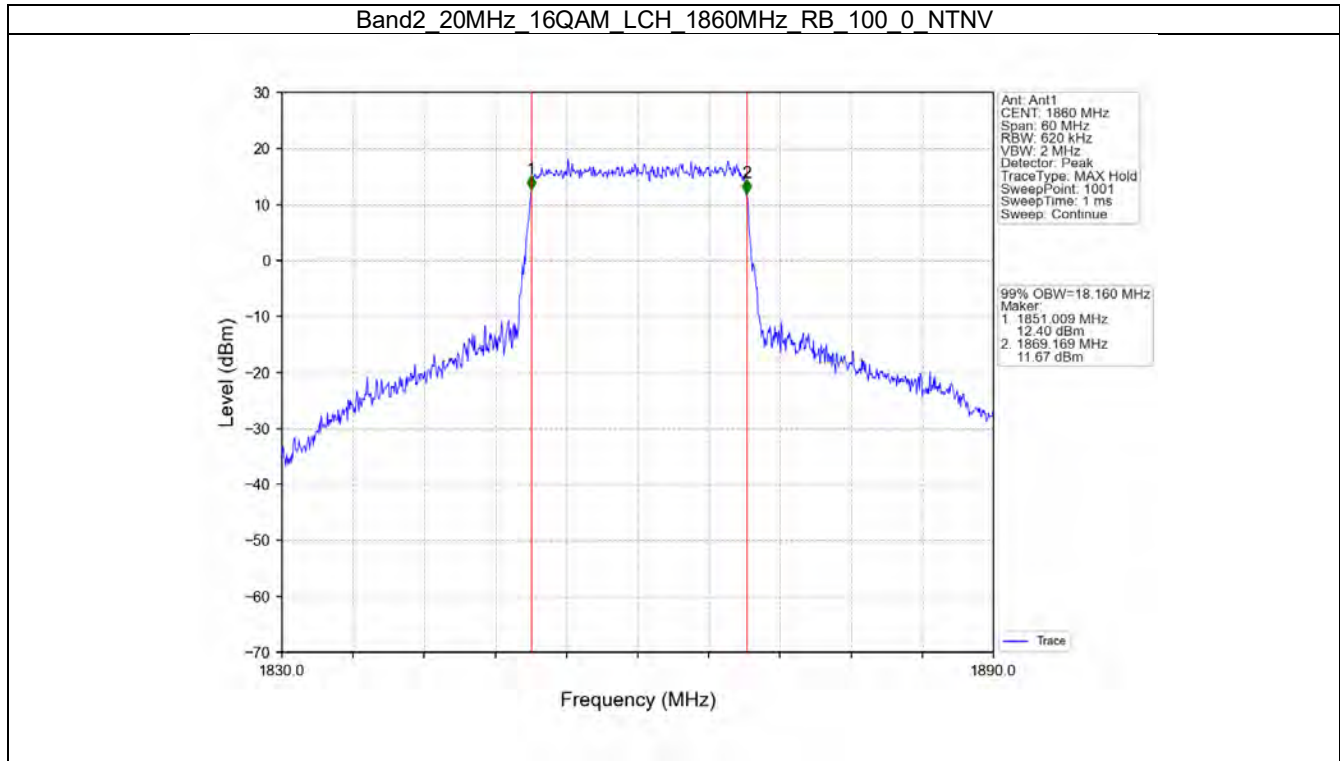


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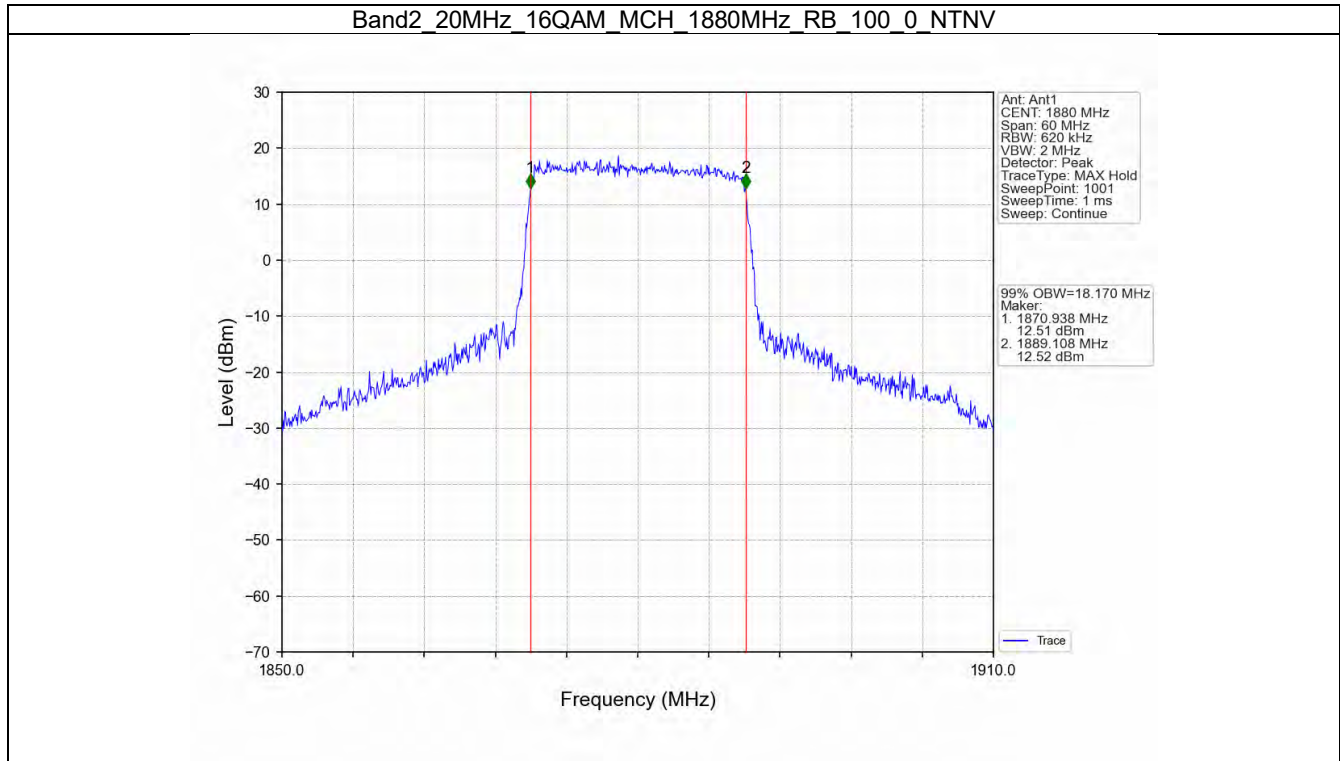


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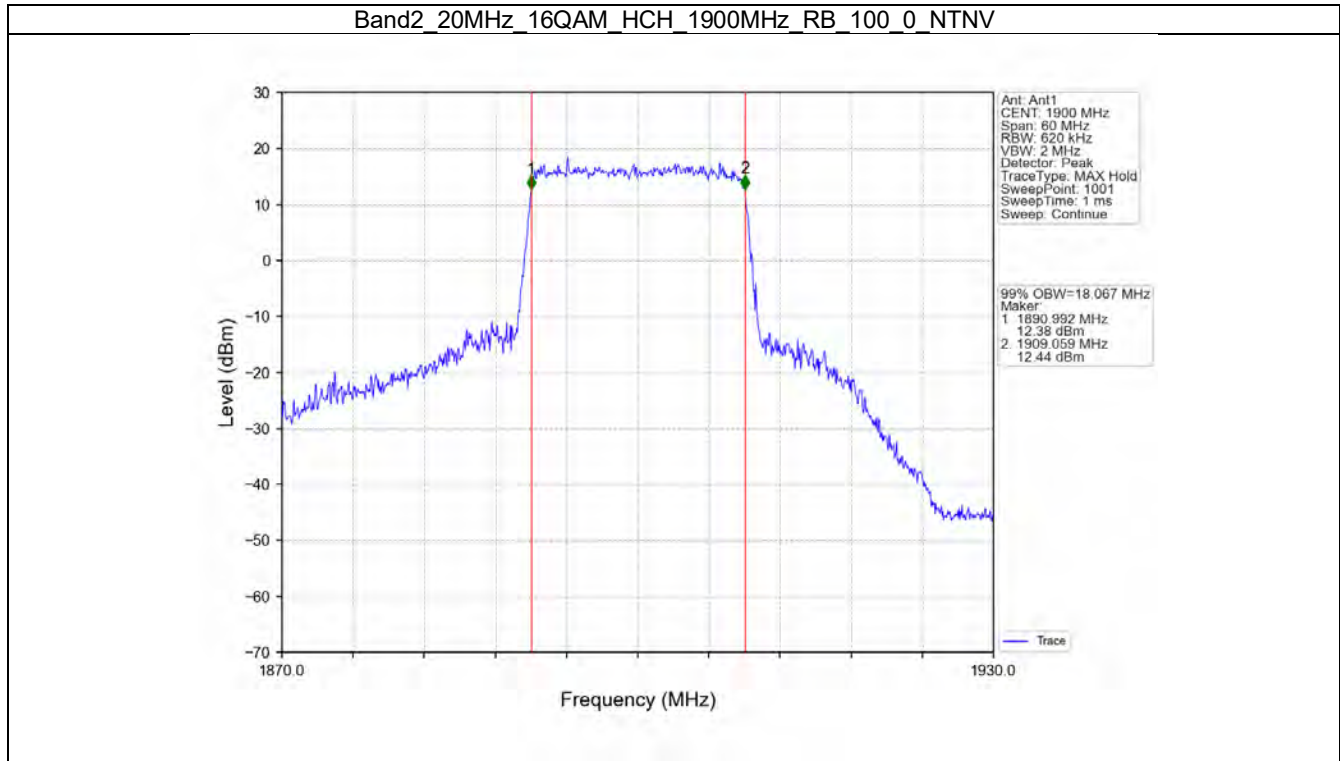


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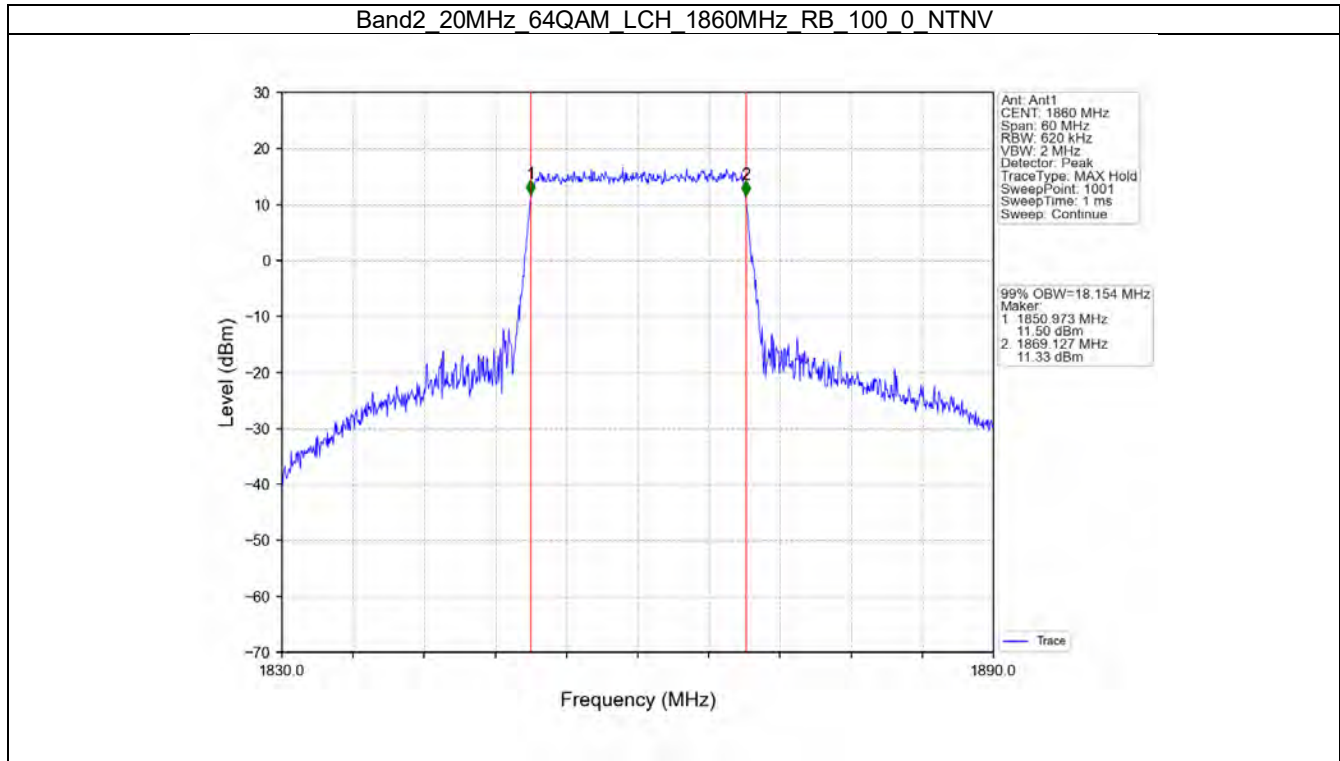


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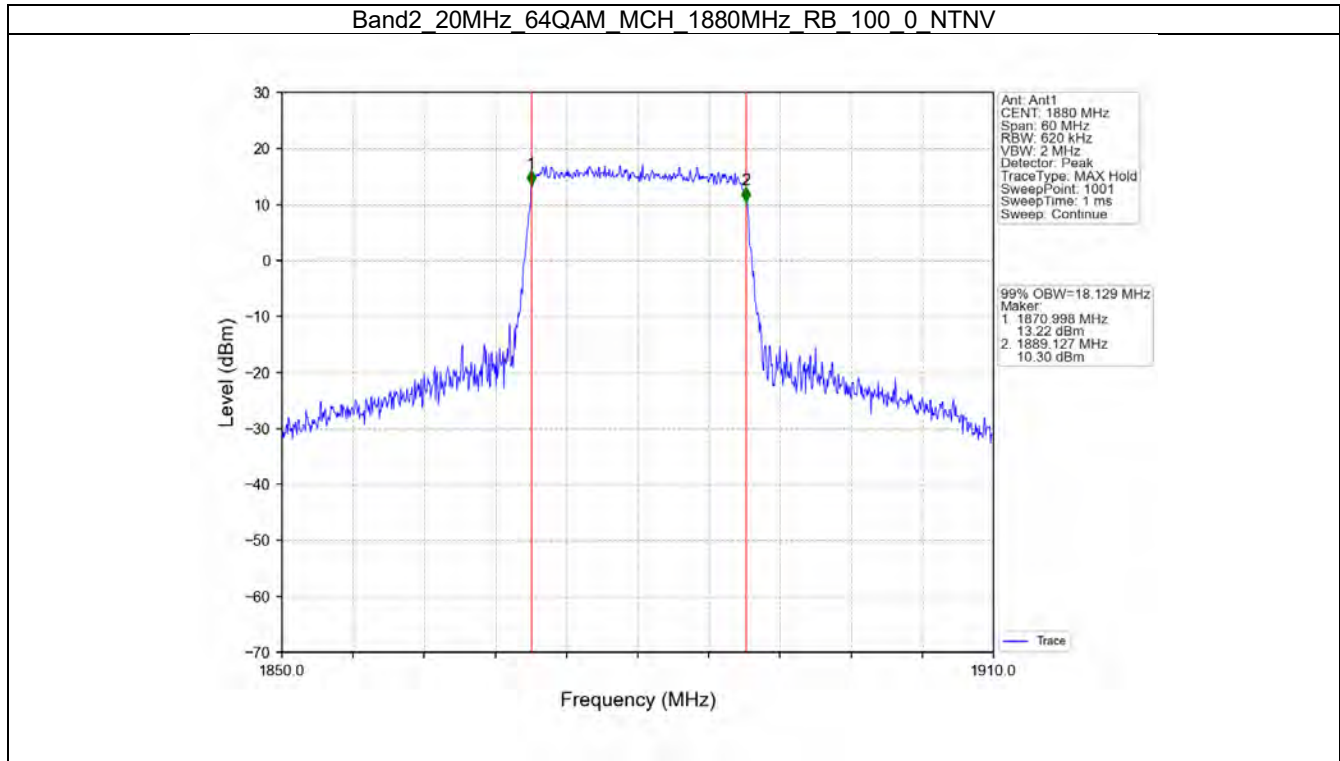


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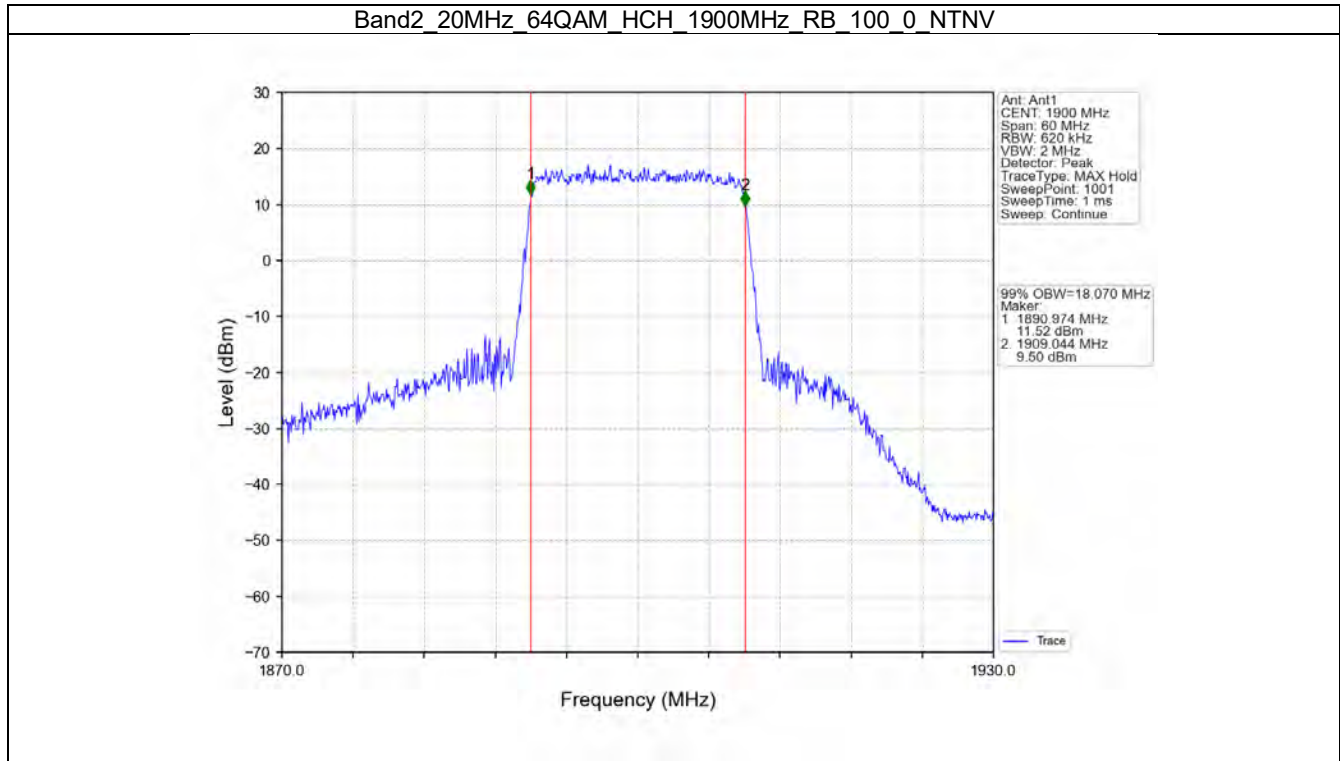


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3.2 Band2_XDB

3.2.1 Test Result

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	1.441	/	Pass
		1880	6	0	1.410	/	Pass
		1909.3	6	0	1.400	/	Pass
	16QAM	1850.7	6	0	1.420	/	Pass
		1880	6	0	1.406	/	Pass
		1909.3	6	0	1.413	/	Pass
	64QAM	1850.7	6	0	1.420	/	Pass
		1880	6	0	1.414	/	Pass
		1909.3	6	0	1.402	/	Pass
3	QPSK	1851.5	15	0	3.158	/	Pass
		1880	15	0	3.123	/	Pass
		1908.5	15	0	3.142	/	Pass
	16QAM	1851.5	15	0	3.147	/	Pass
		1880	15	0	3.117	/	Pass
		1908.5	15	0	3.147	/	Pass
	64QAM	1851.5	15	0	3.113	/	Pass
		1880	15	0	3.082	/	Pass
		1908.5	15	0	3.130	/	Pass
5	QPSK	1852.5	25	0	5.215	/	Pass
		1880	25	0	5.282	/	Pass
		1907.5	25	0	5.249	/	Pass
	16QAM	1852.5	25	0	5.387	/	Pass
		1880	25	0	5.237	/	Pass
		1907.5	25	0	5.282	/	Pass
	64QAM	1852.5	25	0	5.227	/	Pass
		1880	25	0	5.203	/	Pass
		1907.5	25	0	5.263	/	Pass
10	QPSK	1855	50	0	10.394	/	Pass
		1880	50	0	10.213	/	Pass
		1905	50	0	10.141	/	Pass
	16QAM	1855	50	0	10.197	/	Pass
		1880	50	0	10.224	/	Pass
		1905	50	0	10.143	/	Pass
	64QAM	1855	50	0	10.120	/	Pass
		1880	50	0	10.151	/	Pass
		1905	50	0	10.119	/	Pass
15	QPSK	1857.5	75	0	15.356	/	Pass
		1880	75	0	15.255	/	Pass



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	16QAM	1902.5	75	0	15.068	/	Pass
		1857.5	75	0	15.119	/	Pass
		1880	75	0	15.053	/	Pass
		1902.5	75	0	15.217	/	Pass
	64QAM	1857.5	75	0	15.124	/	Pass
		1880	75	0	15.100	/	Pass
		1902.5	75	0	15.306	/	Pass
20	QPSK	1860	100	0	20.044	/	Pass
		1880	100	0	20.150	/	Pass
		1900	100	0	19.990	/	Pass
	16QAM	1860	100	0	20.115	/	Pass
		1880	100	0	19.895	/	Pass
		1900	100	0	19.953	/	Pass
	64QAM	1860	100	0	20.268	/	Pass
		1880	100	0	19.900	/	Pass
		1900	100	0	19.988	/	Pass



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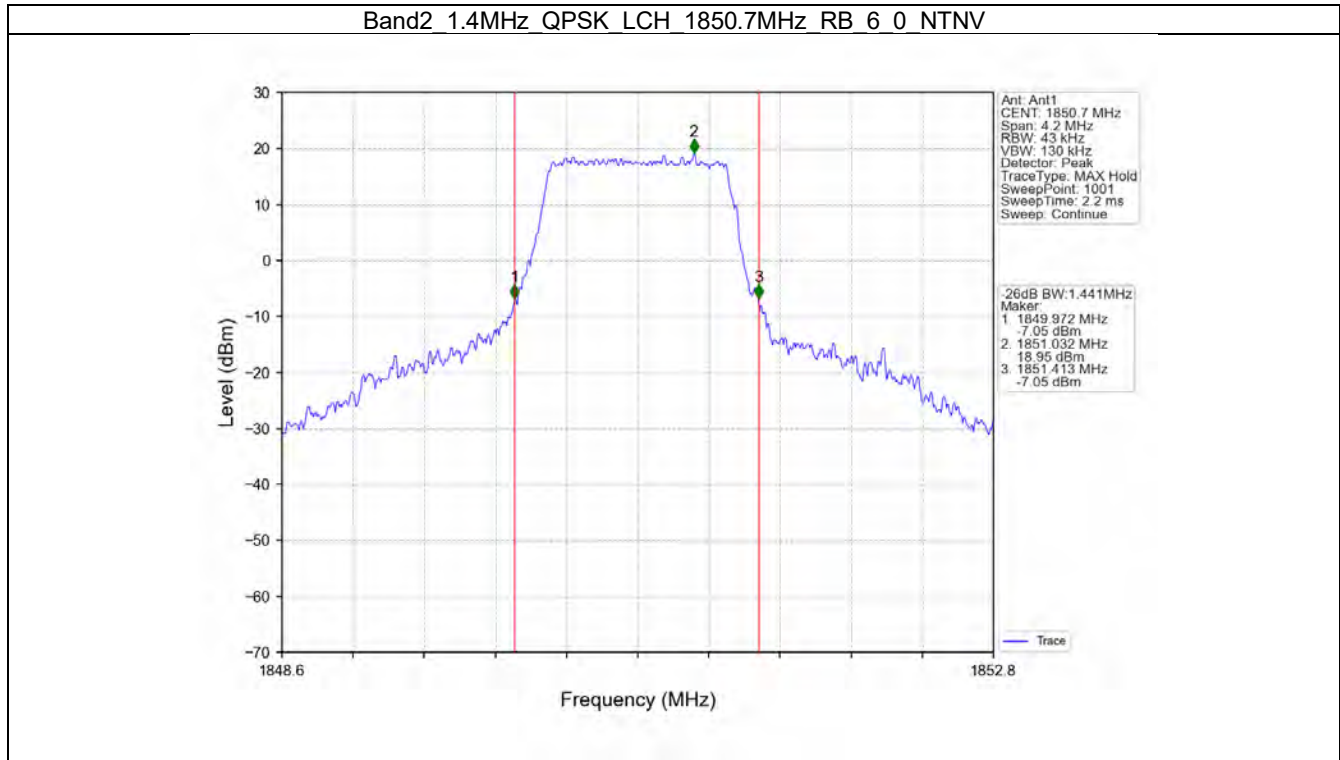
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3.2.2 Test Graph



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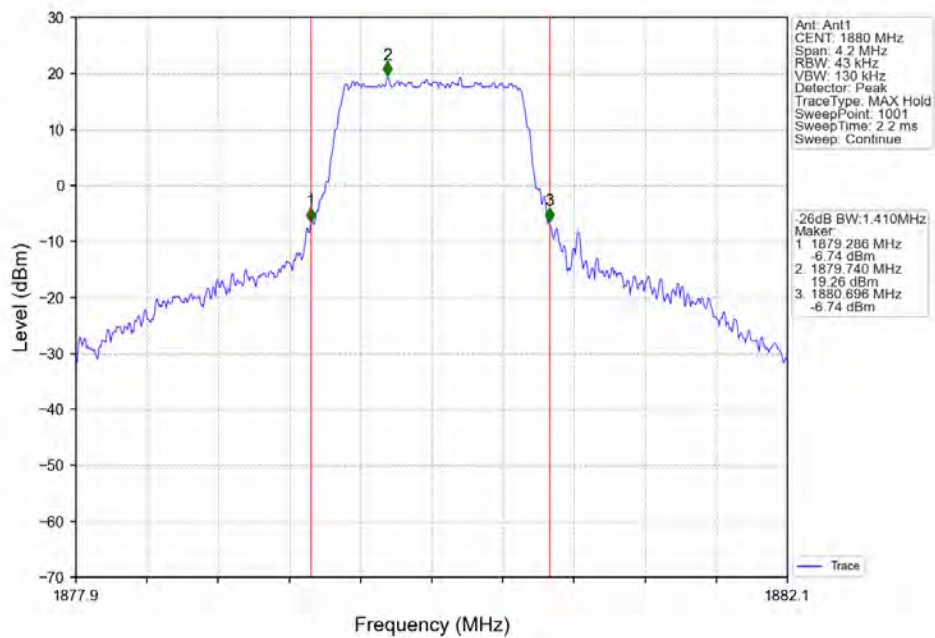
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Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV



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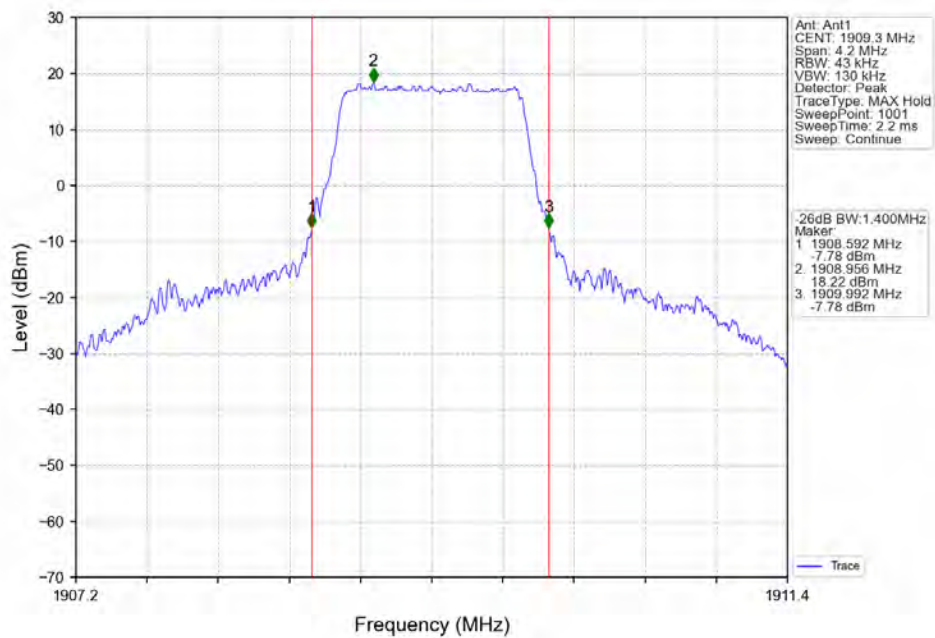
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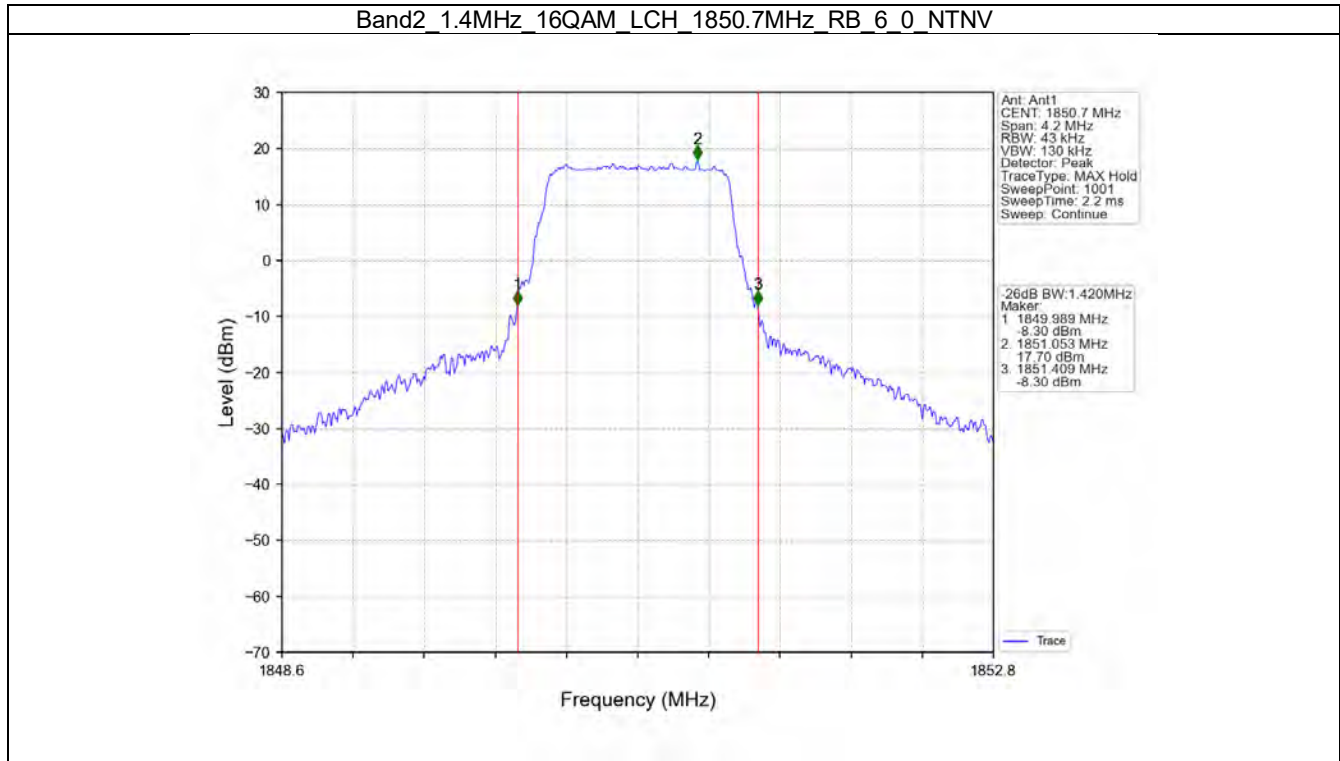


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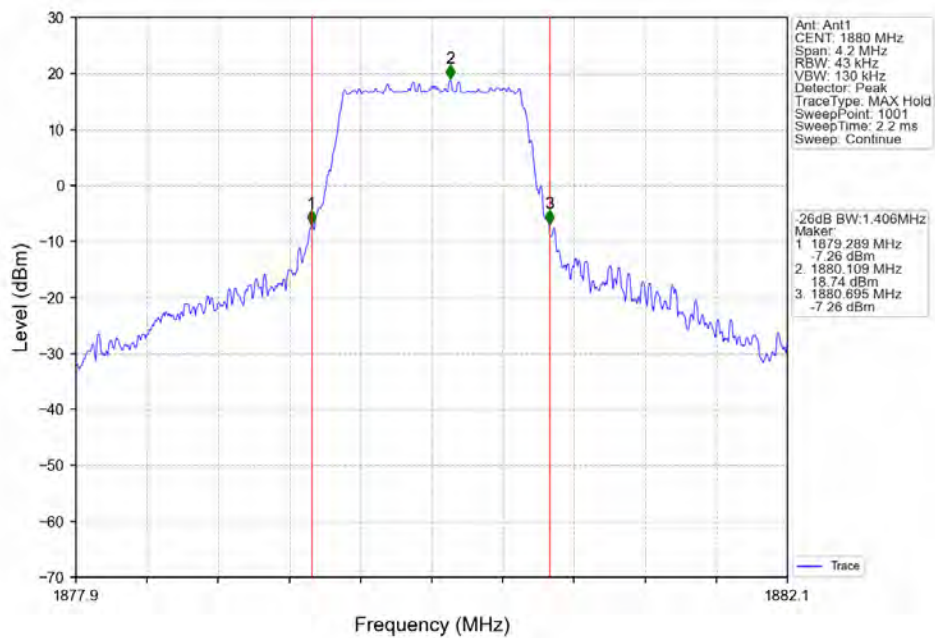
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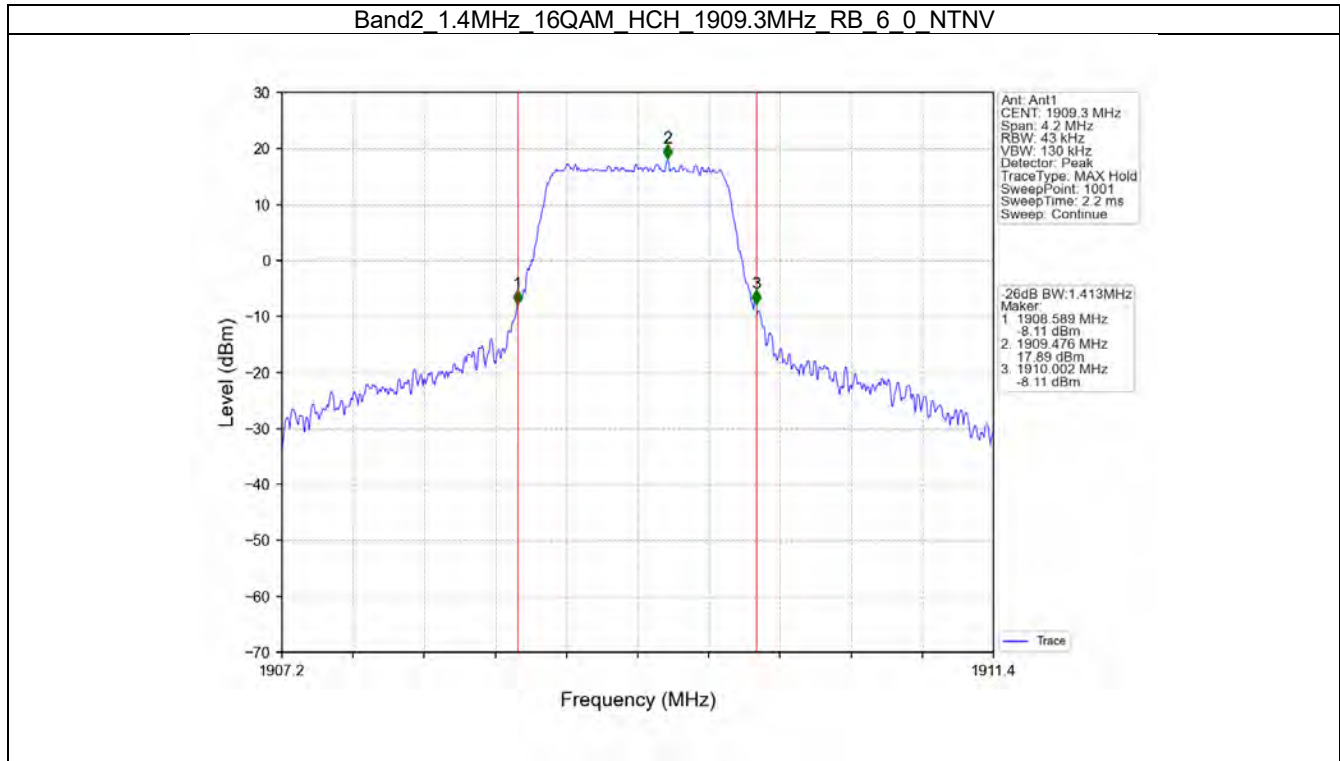


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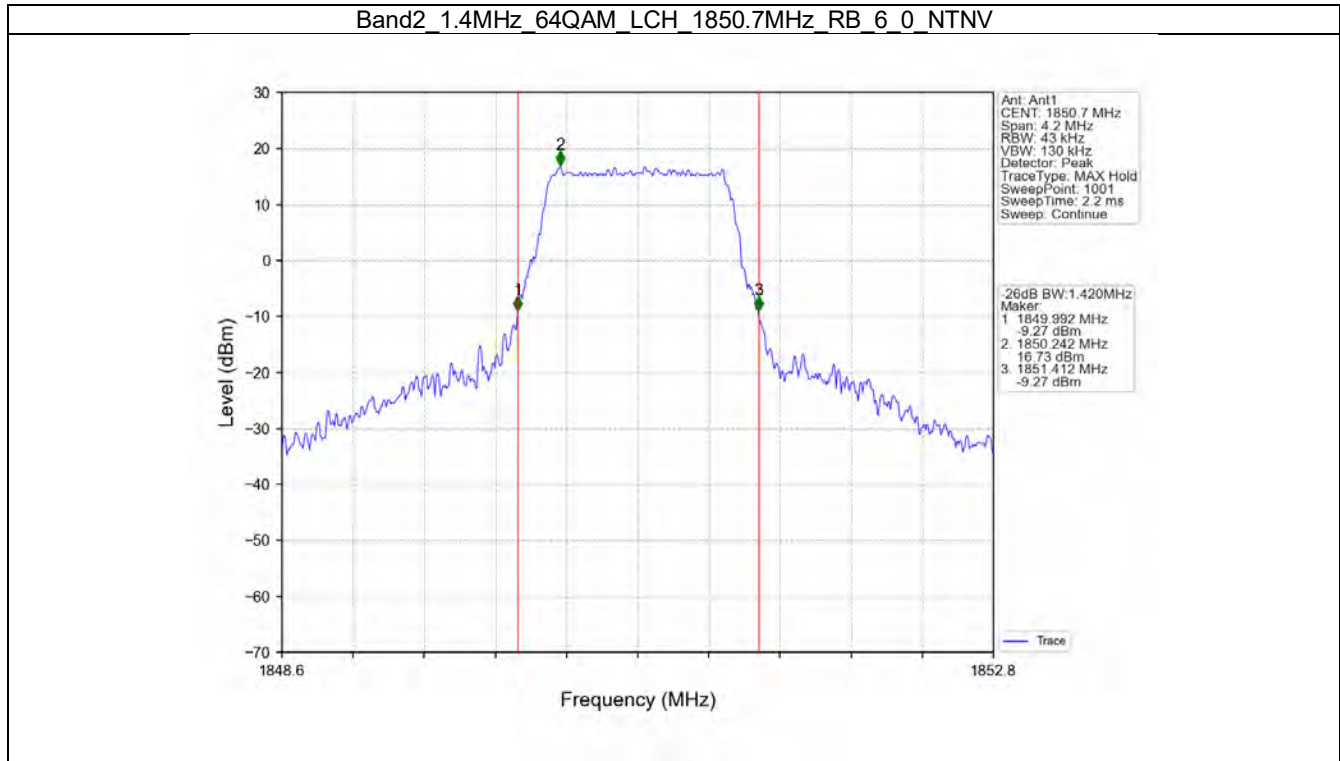


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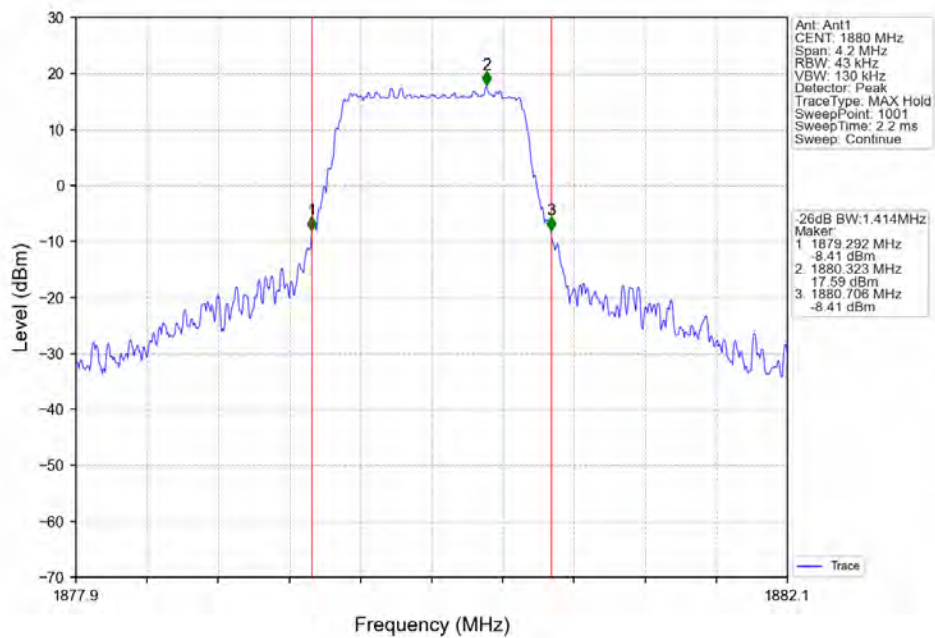
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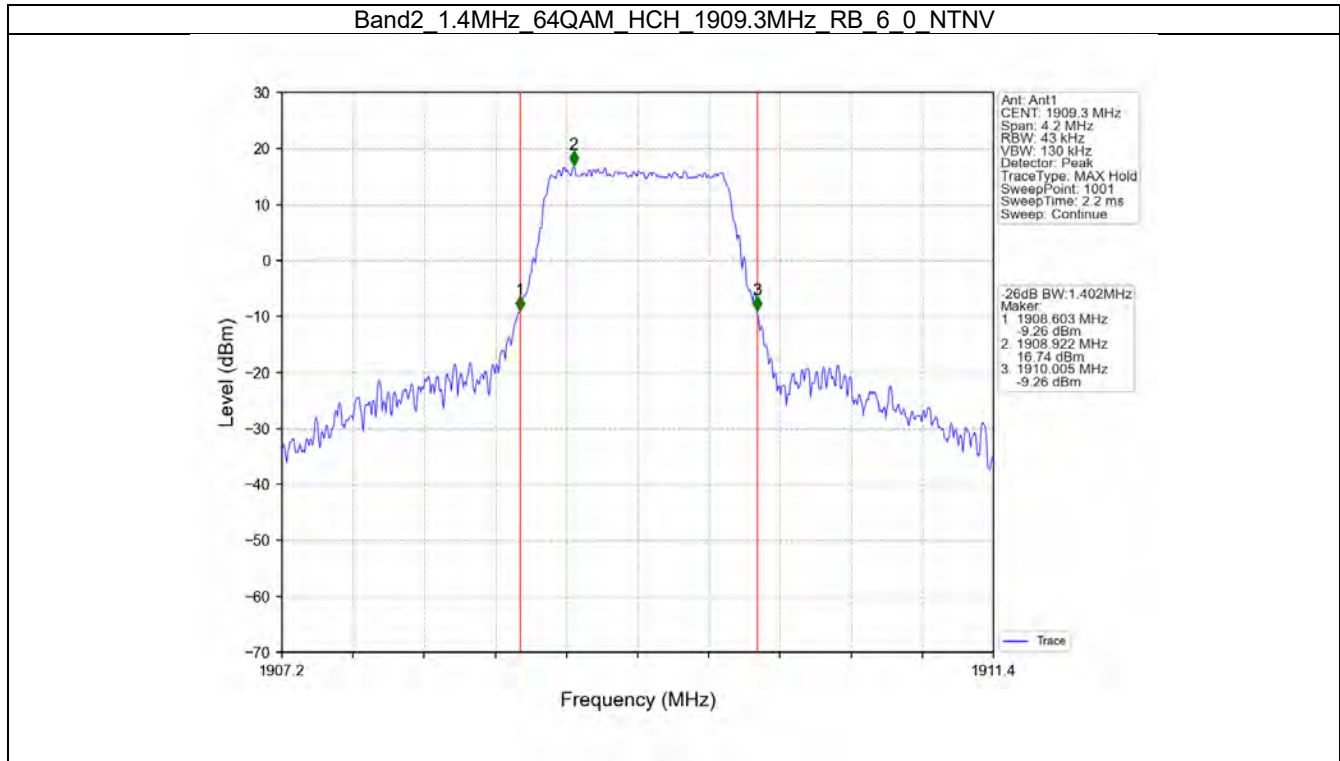


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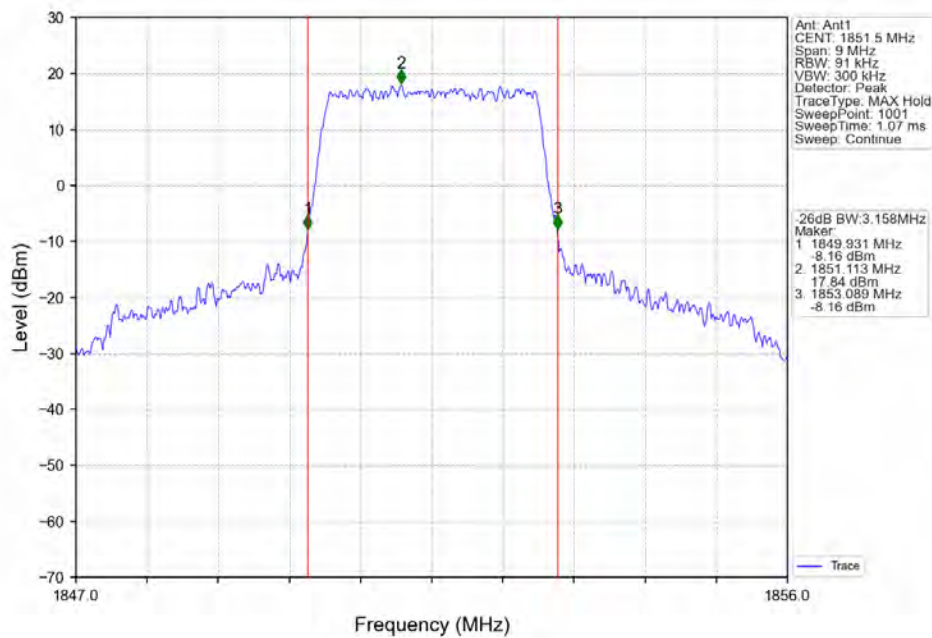
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Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



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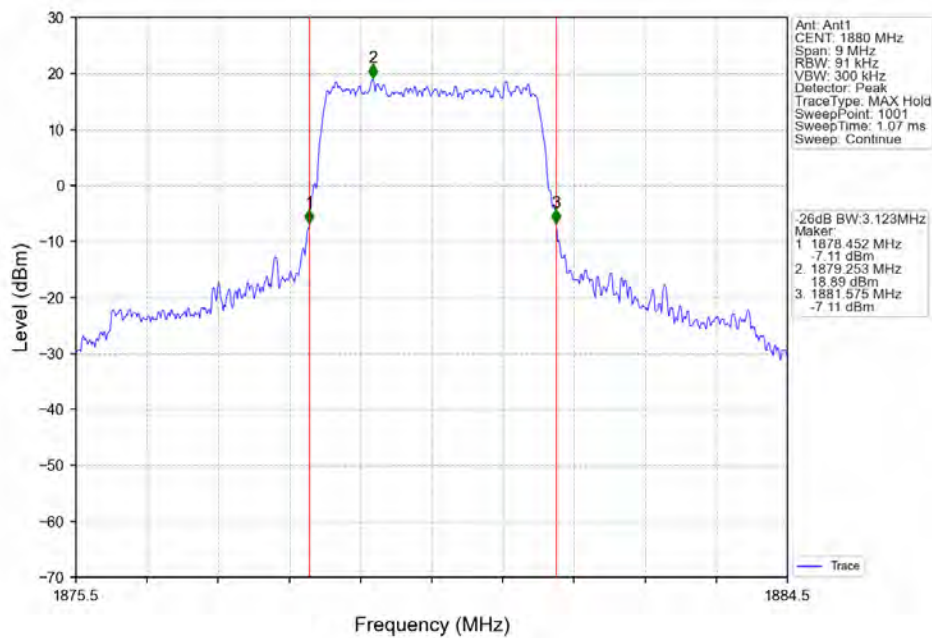
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Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



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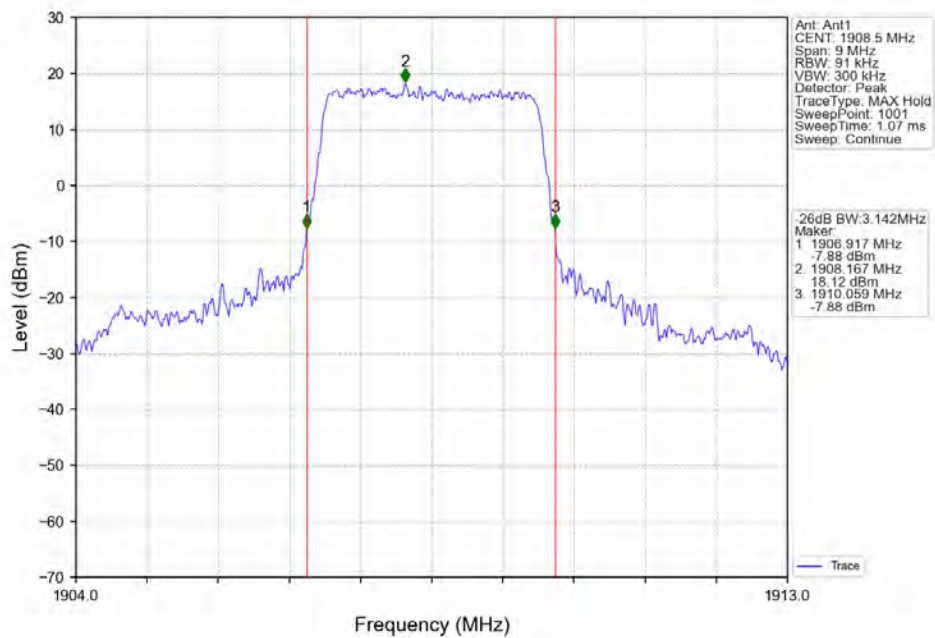
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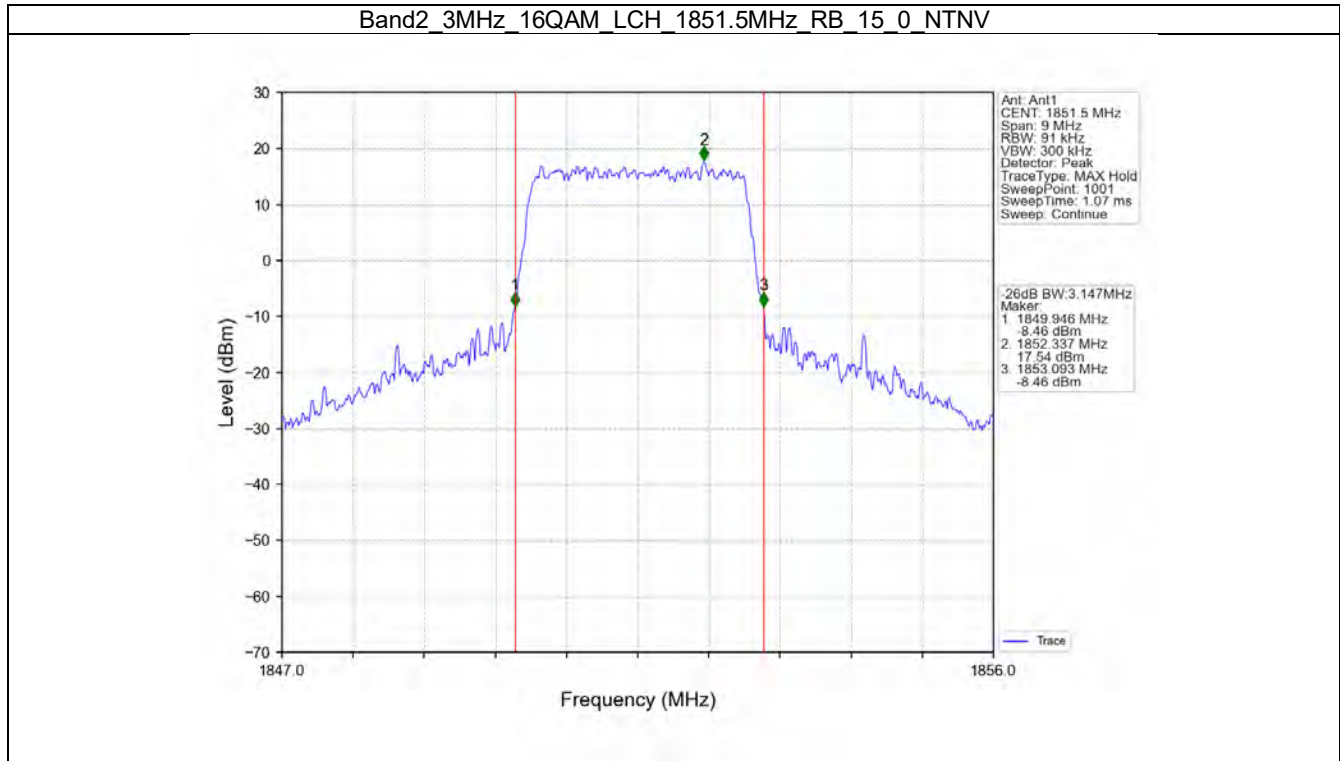


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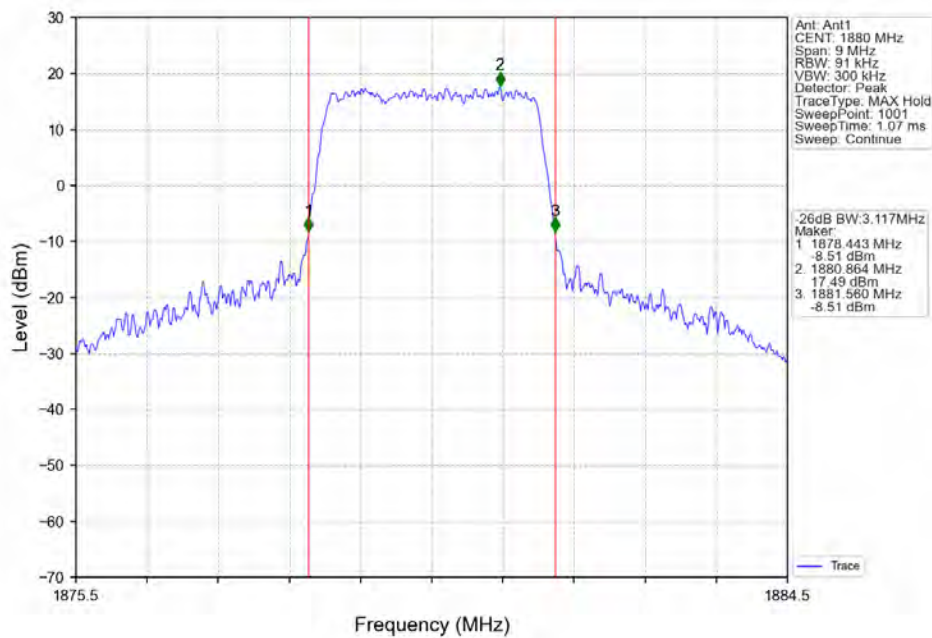
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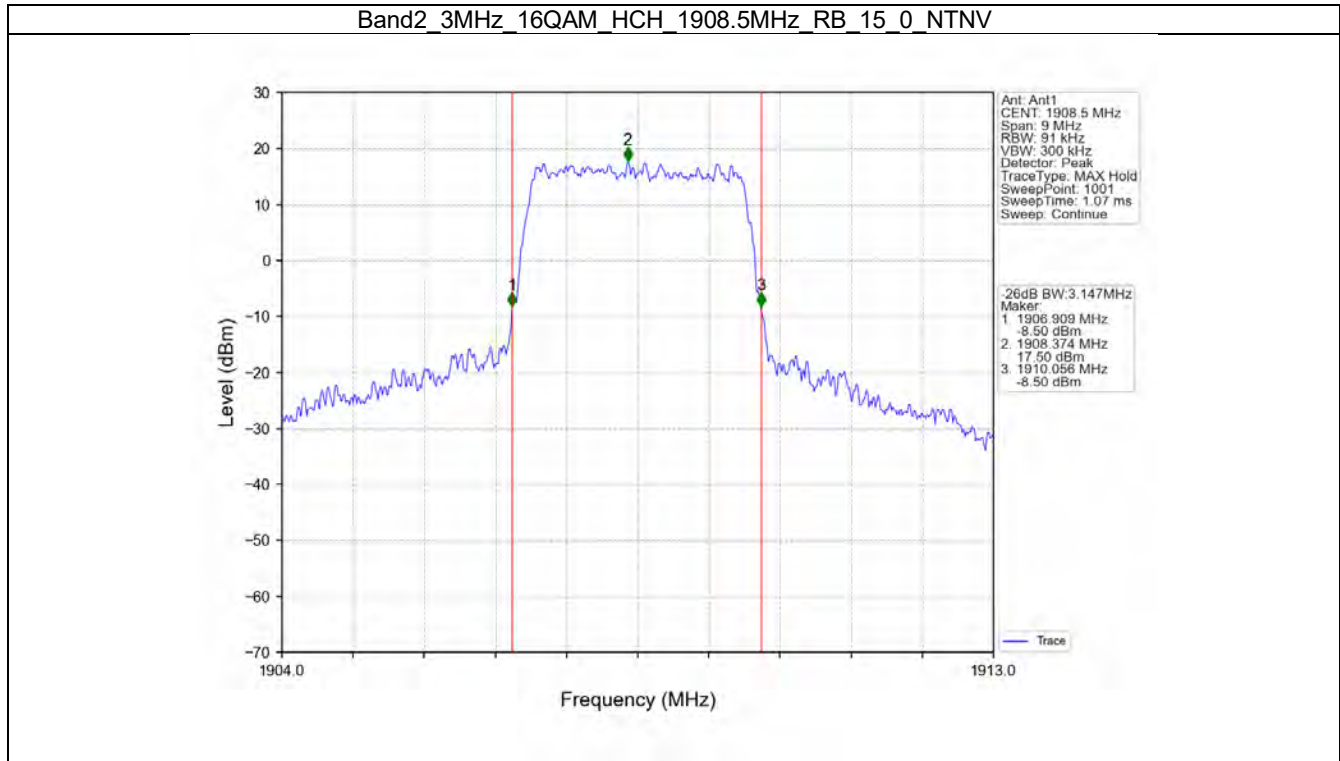


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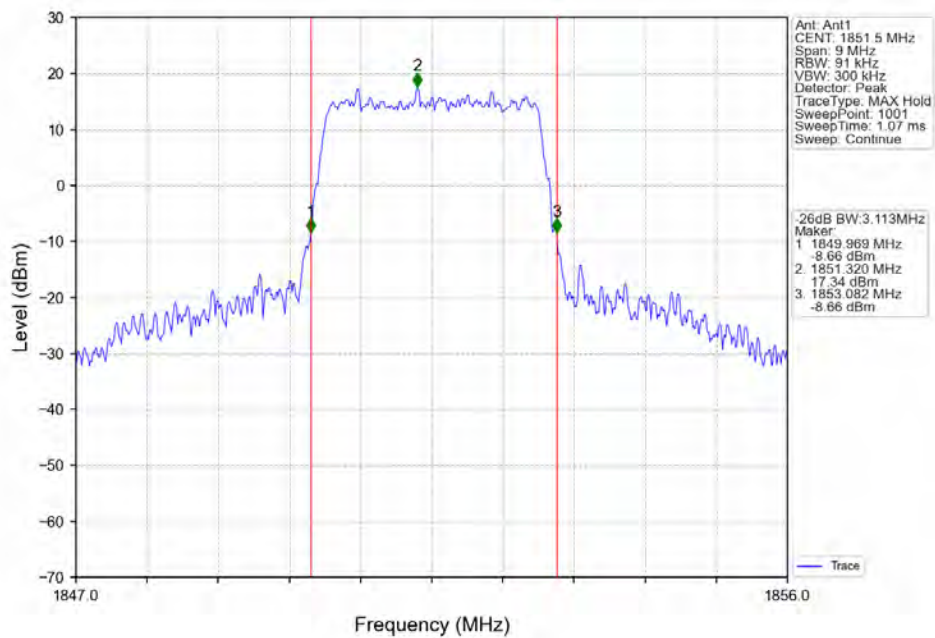
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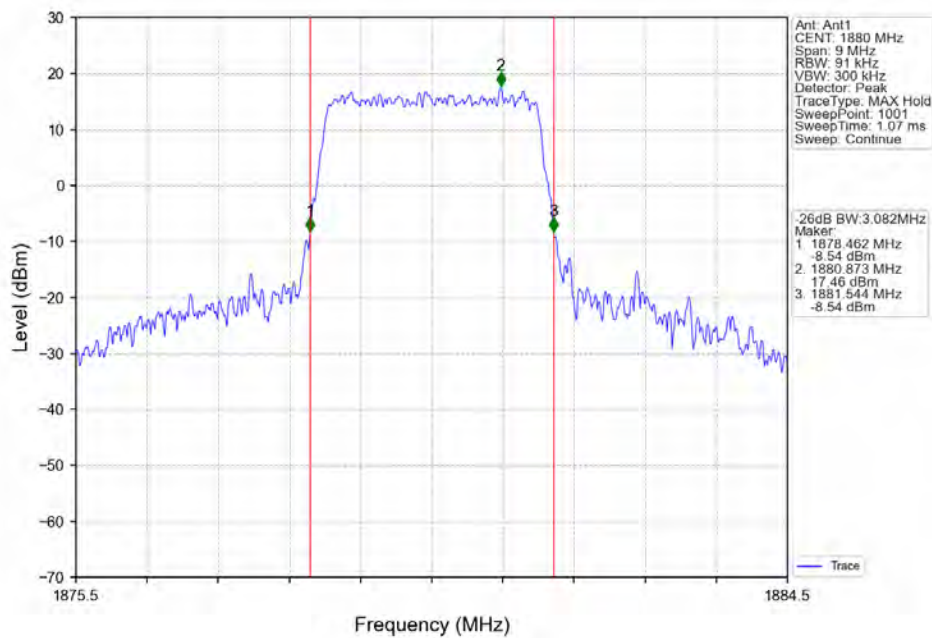
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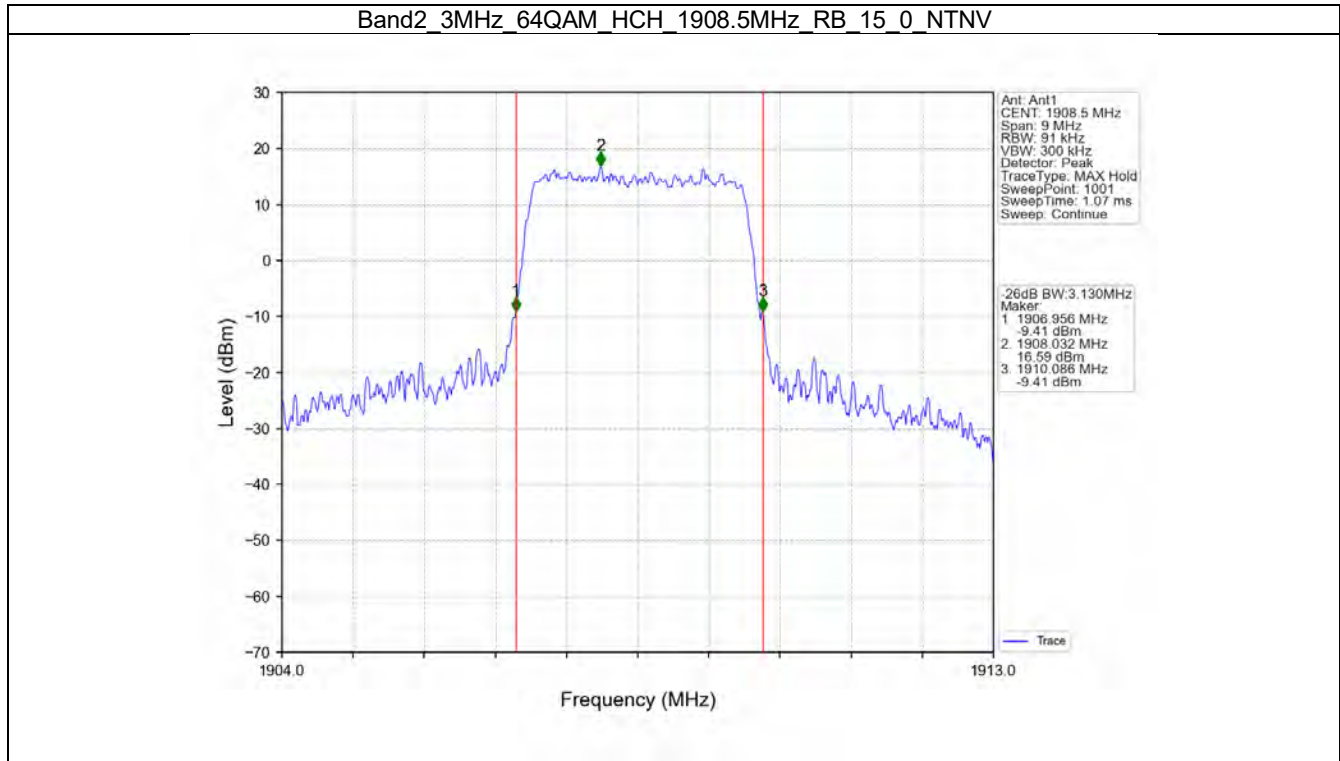


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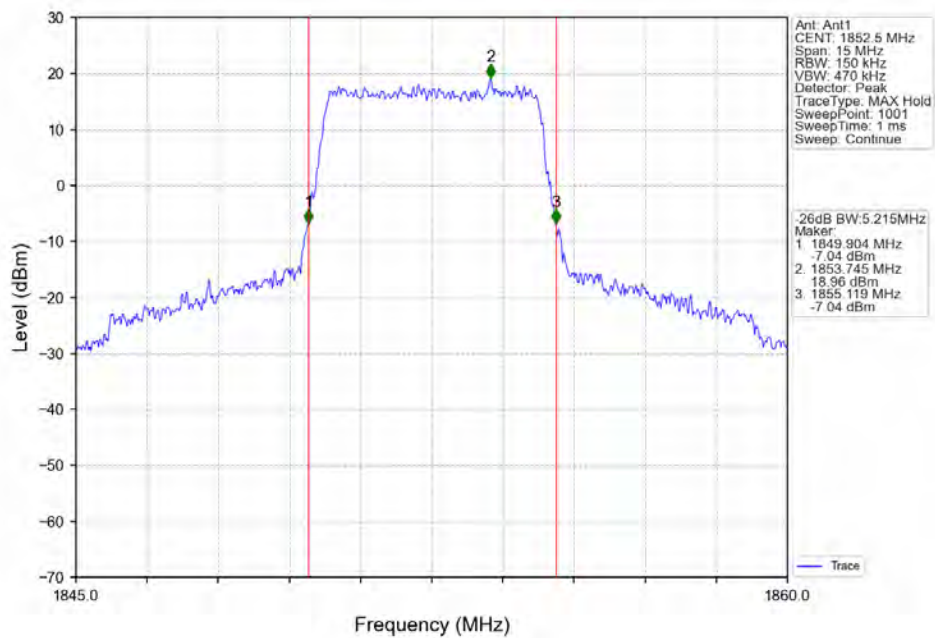
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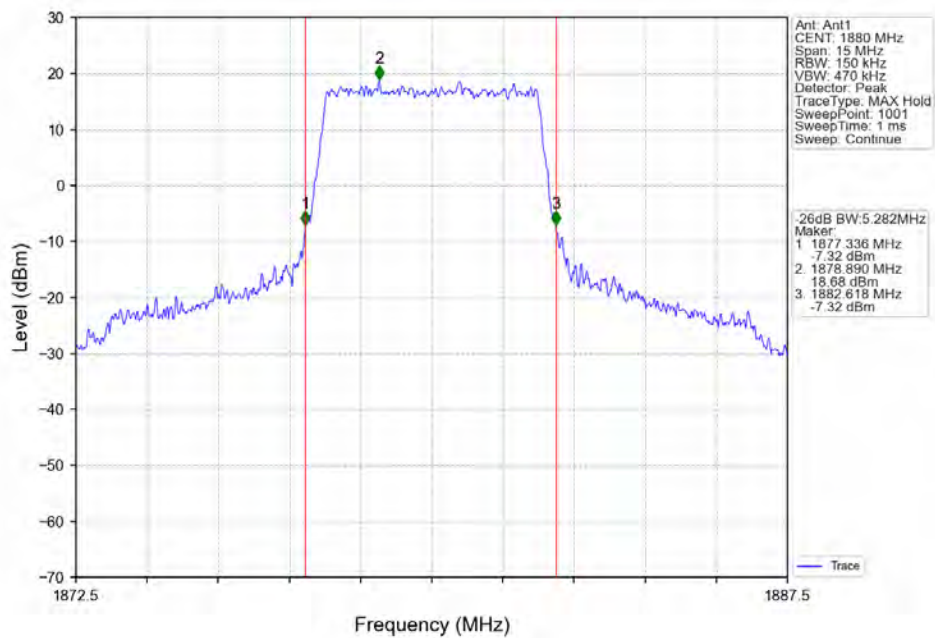
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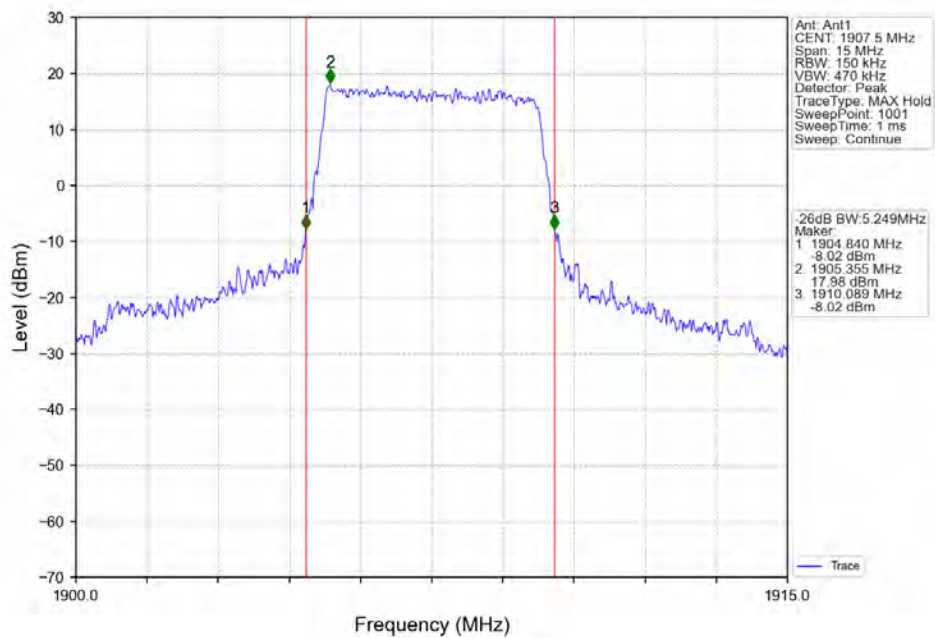
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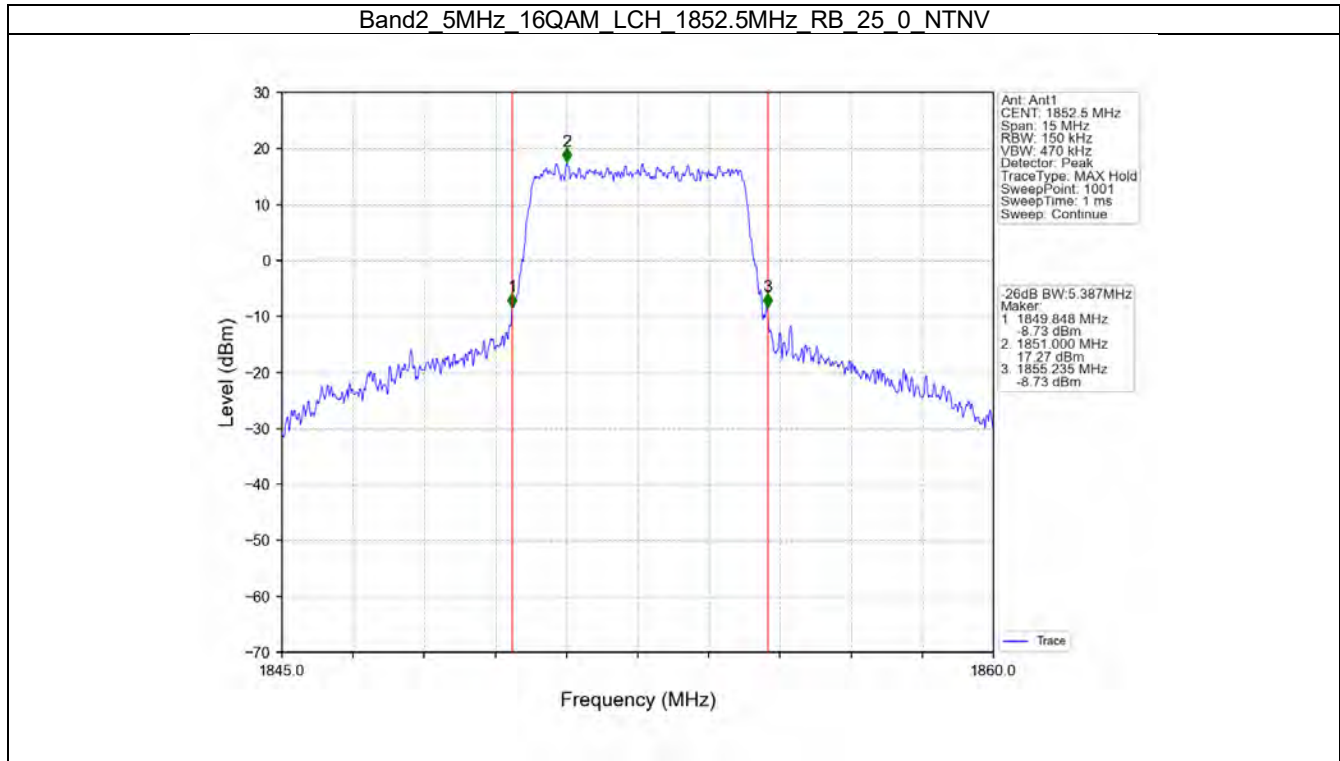


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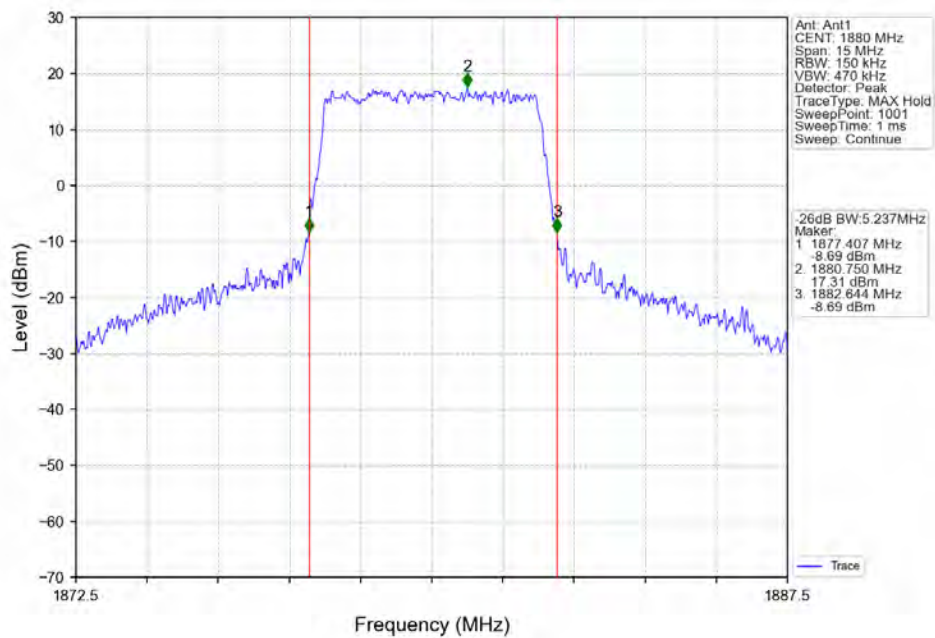
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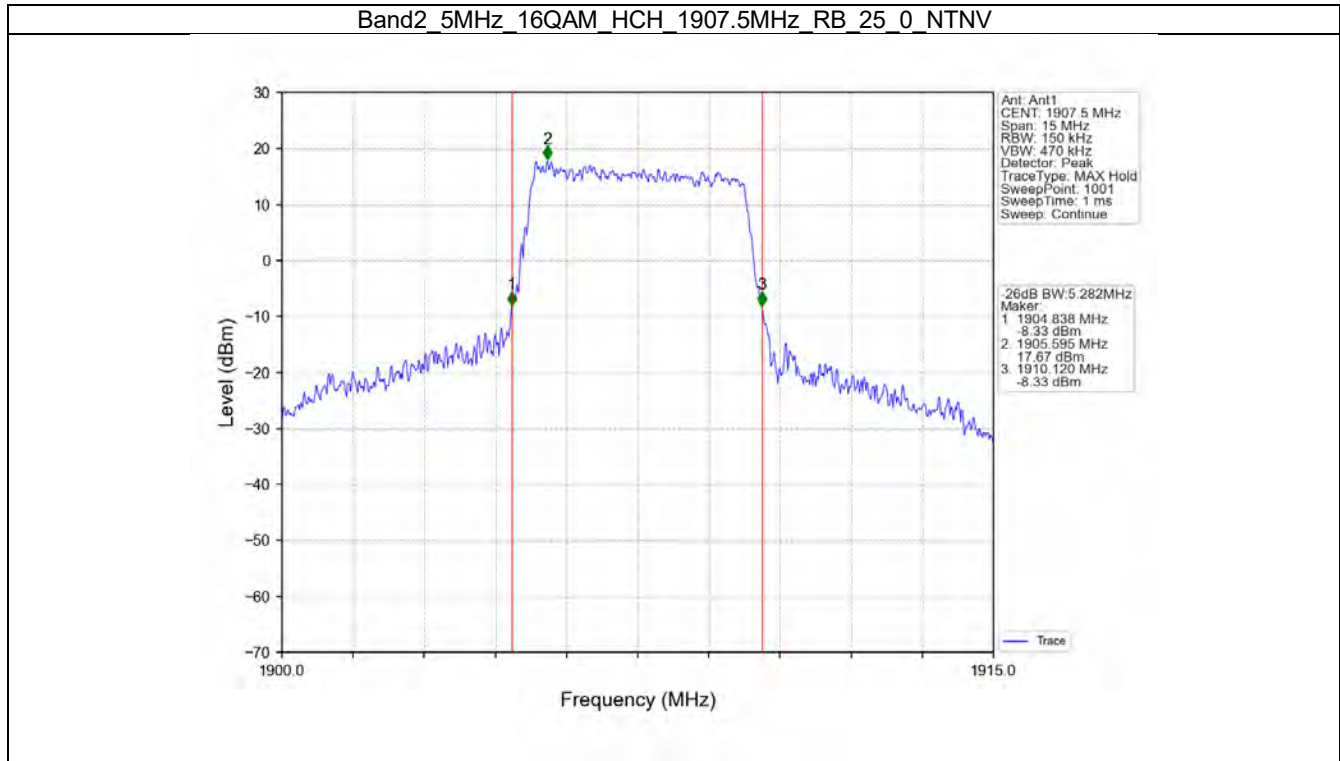


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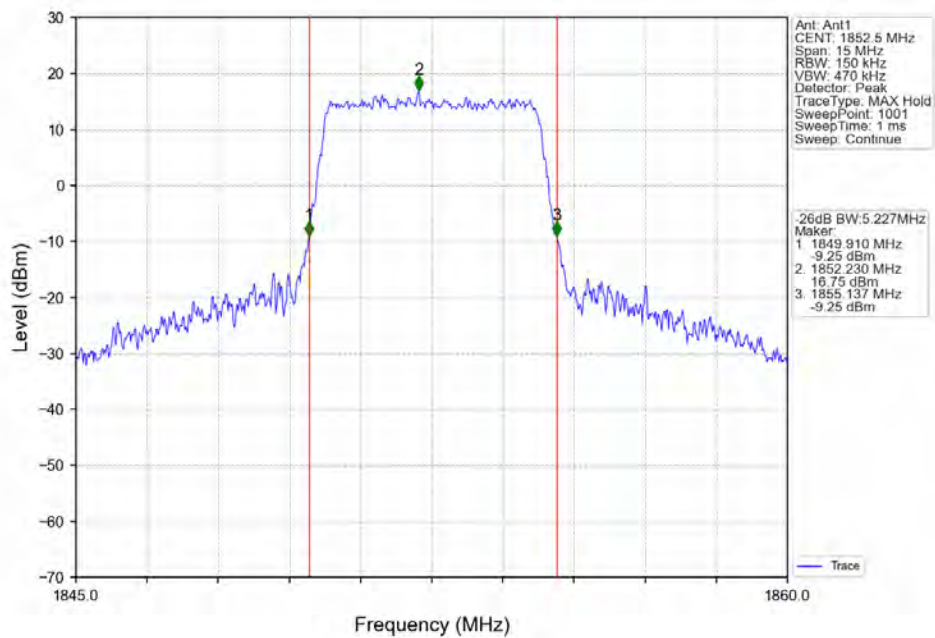
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Band2_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



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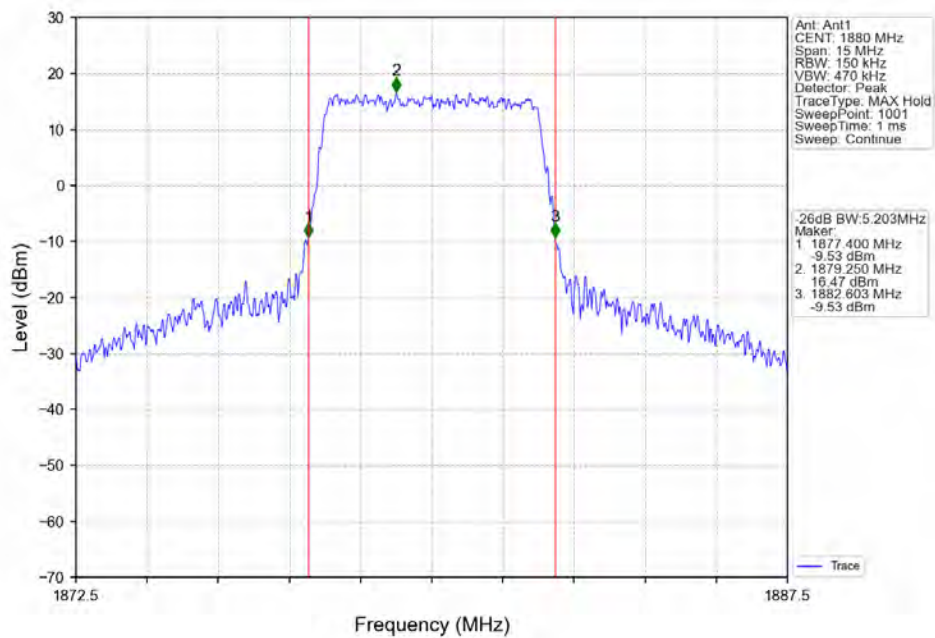
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Band2_5MHz_64QAM_MCH_1880MHz_RB_25_0_NTNV



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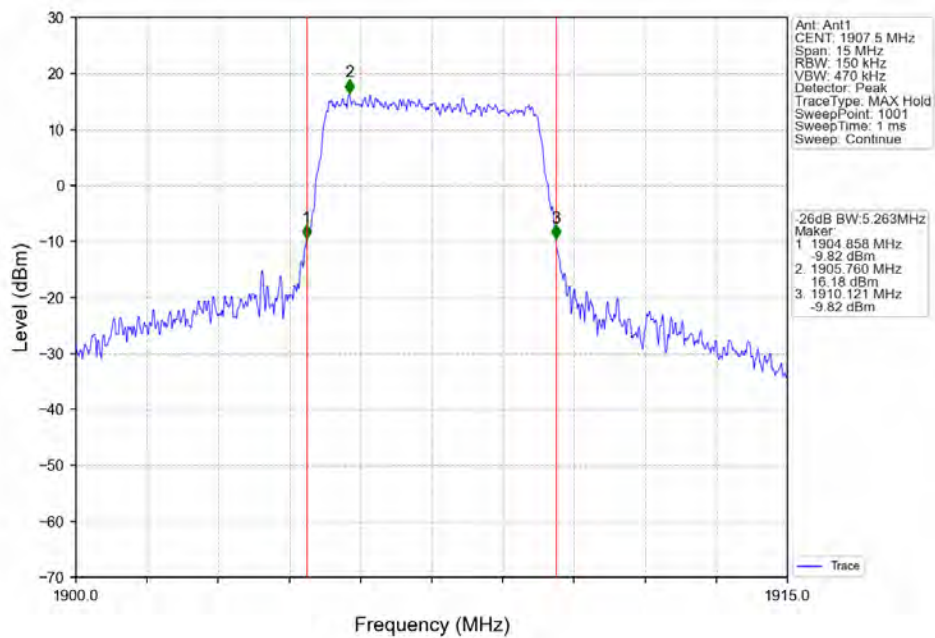
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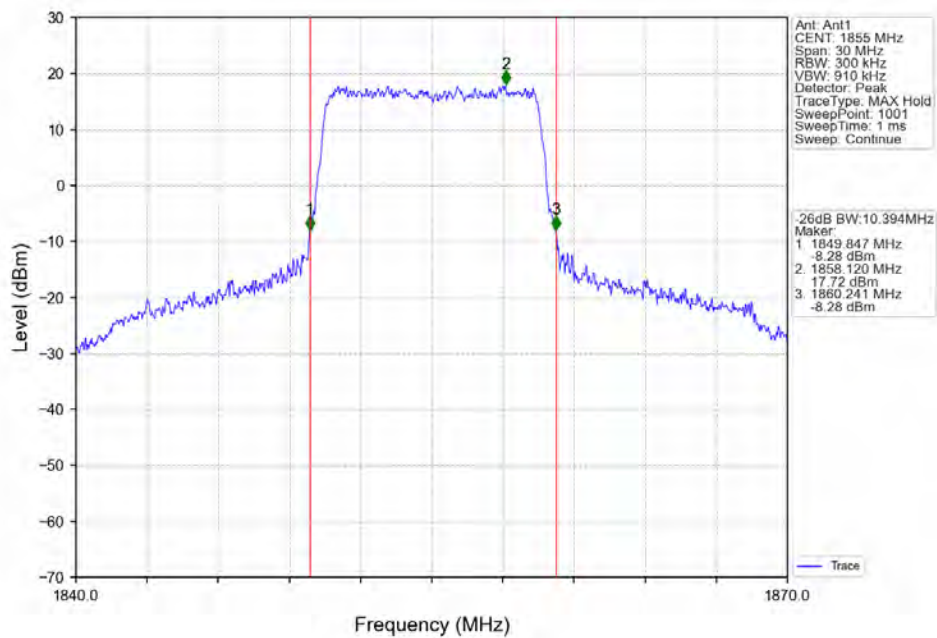
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Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



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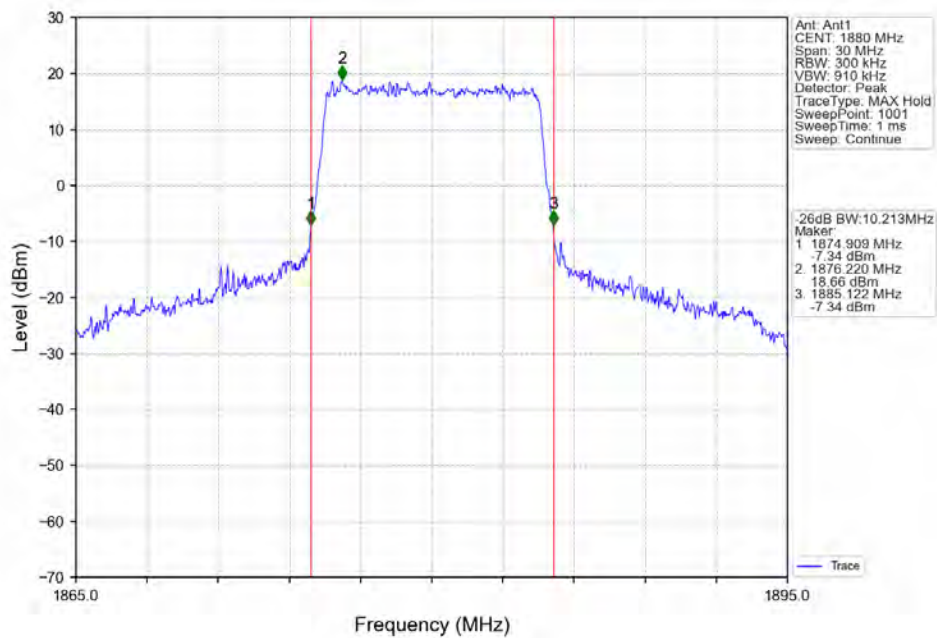
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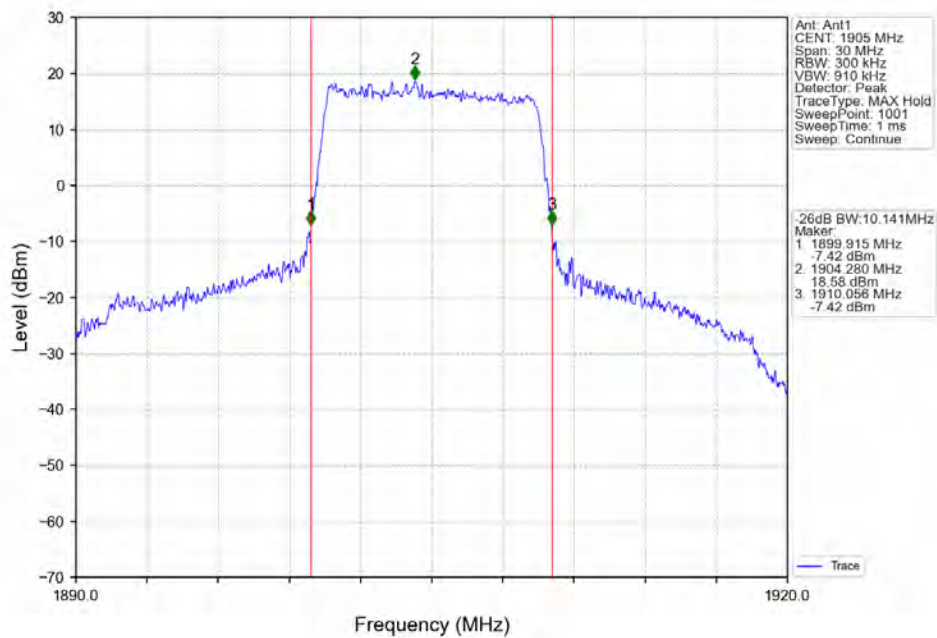
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Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



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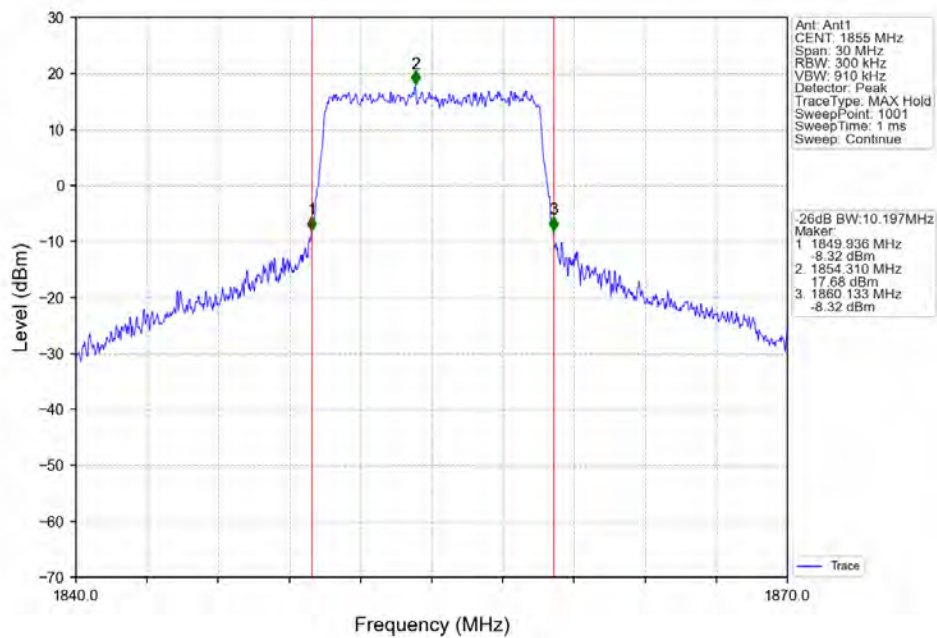
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Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



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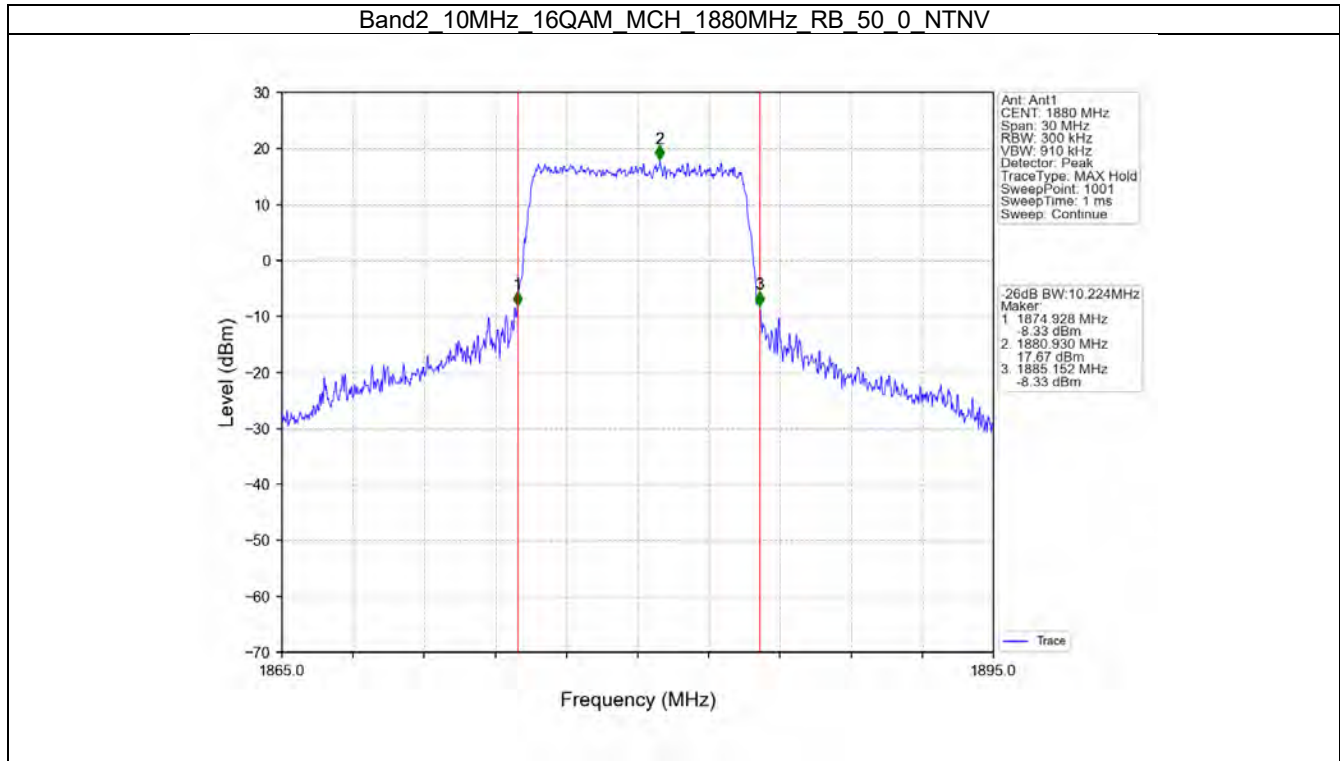


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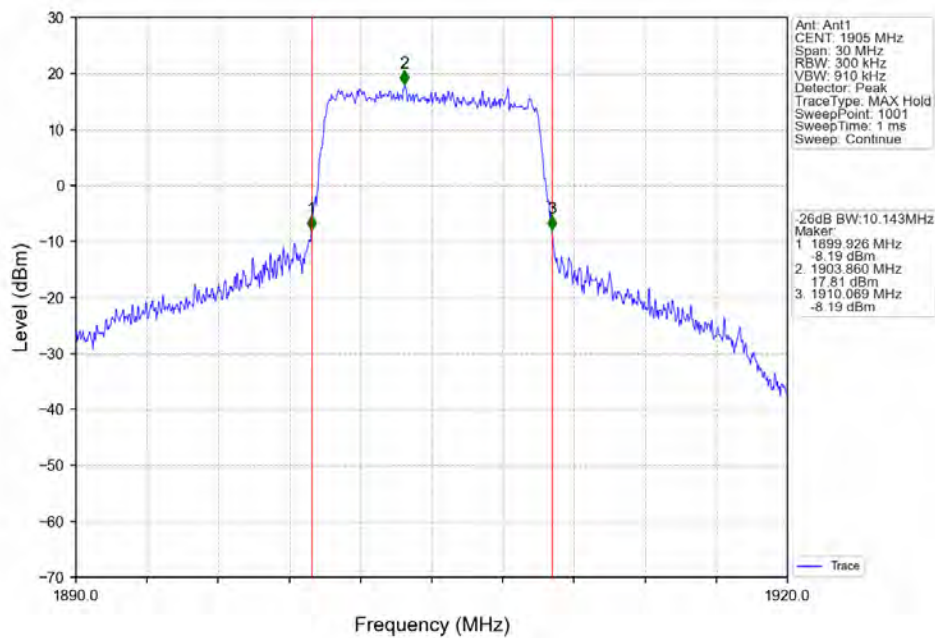
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Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



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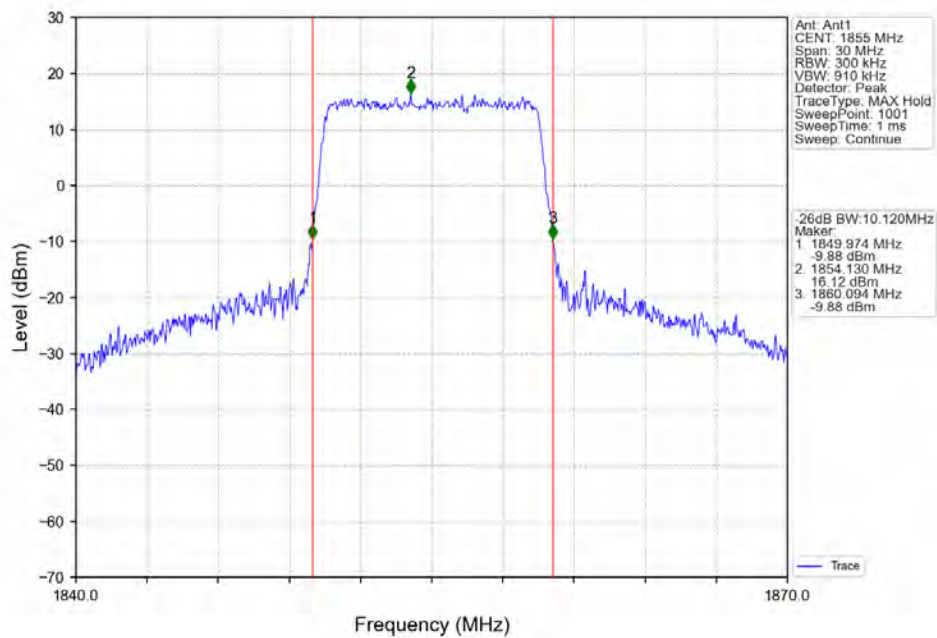
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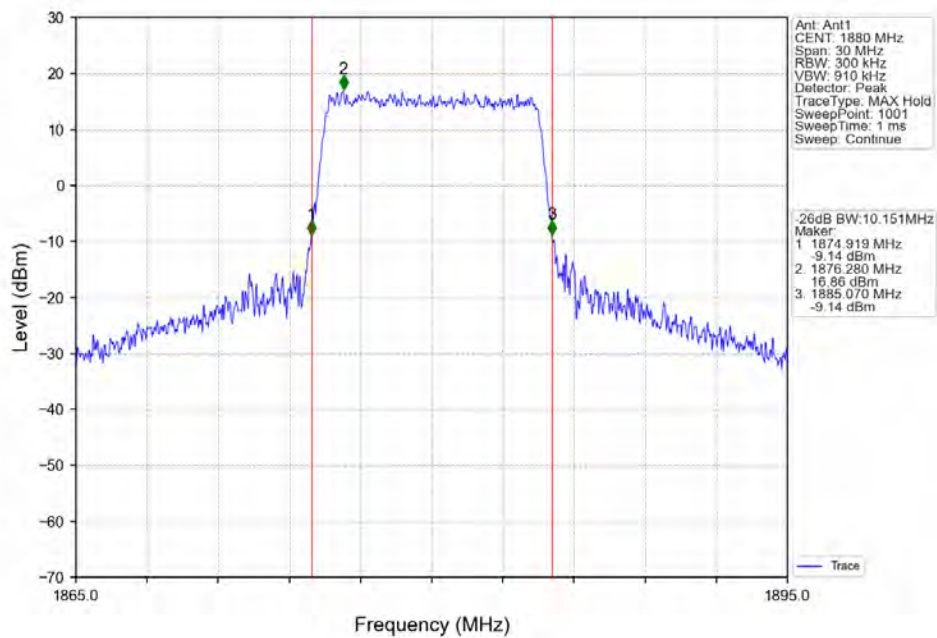
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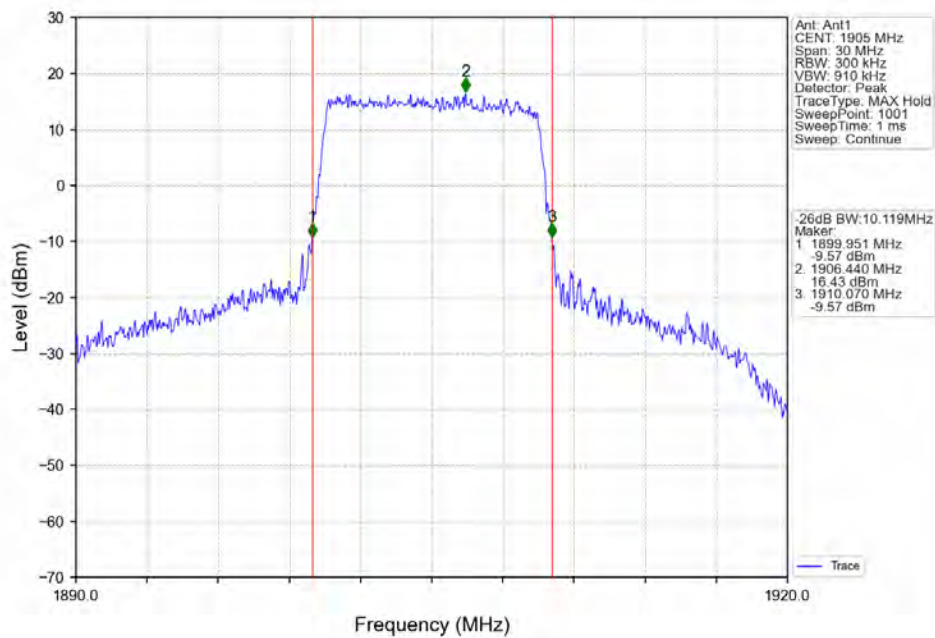
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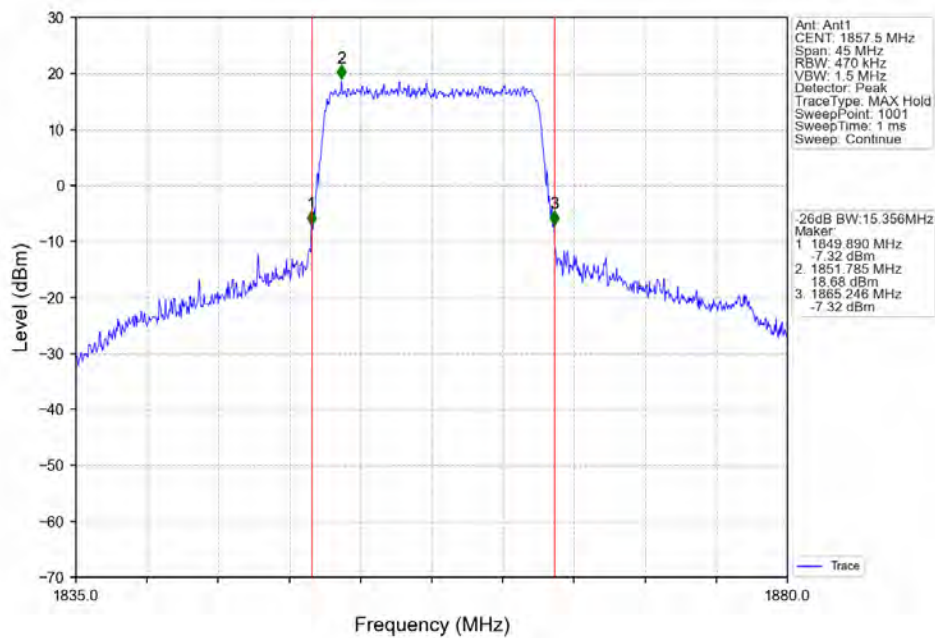
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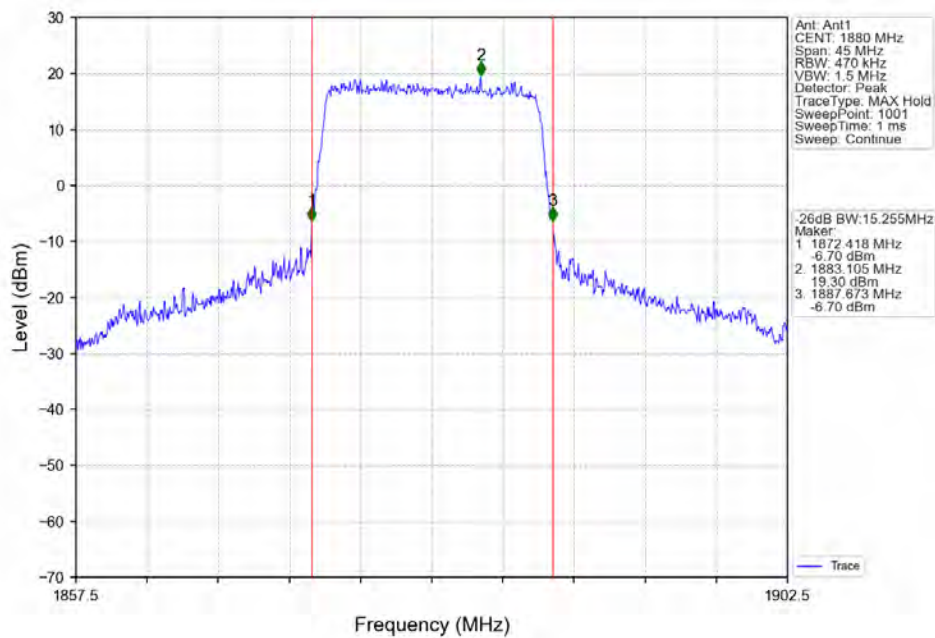
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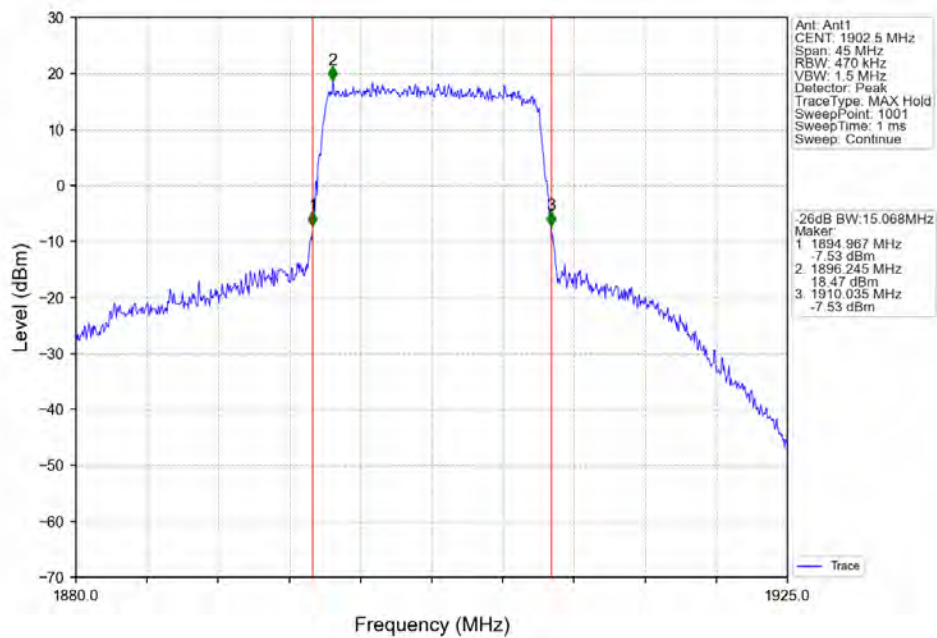
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Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



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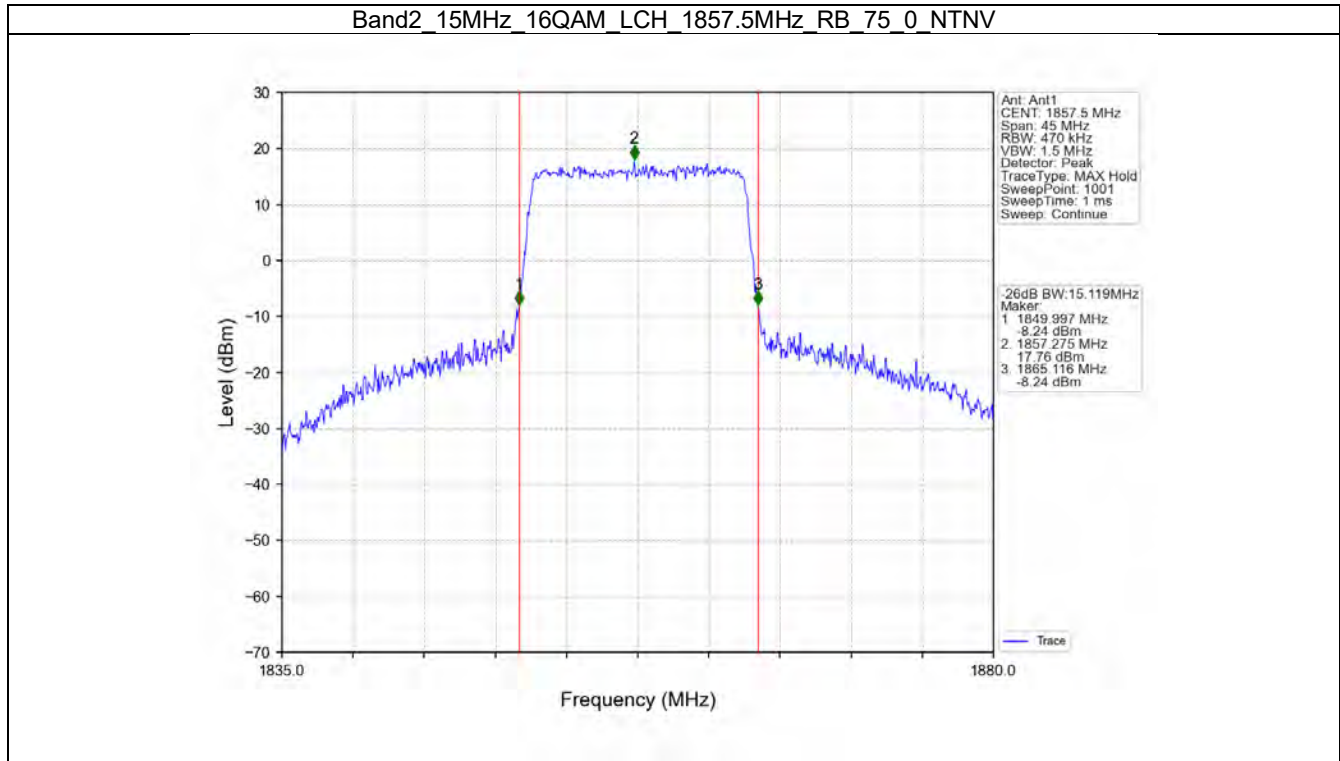


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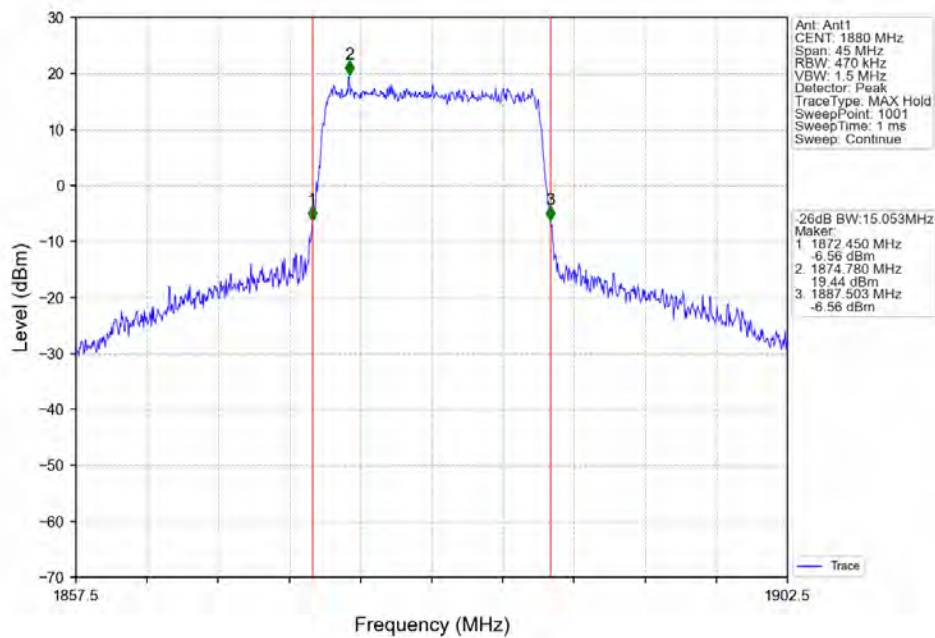
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Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



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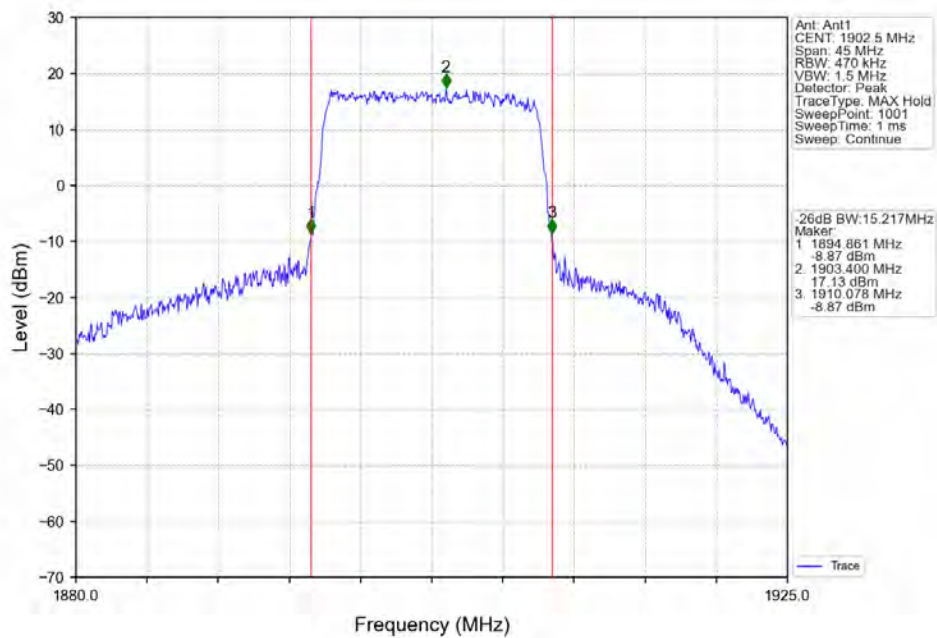
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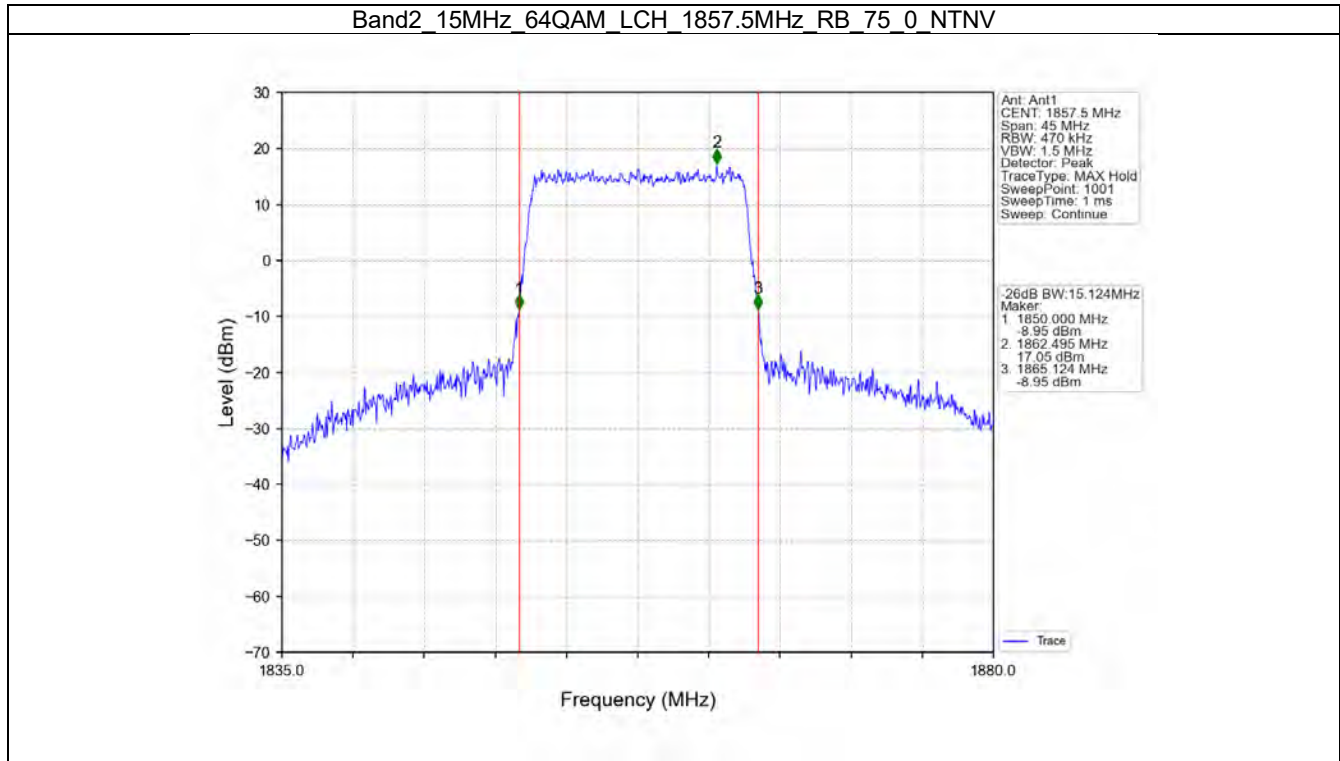


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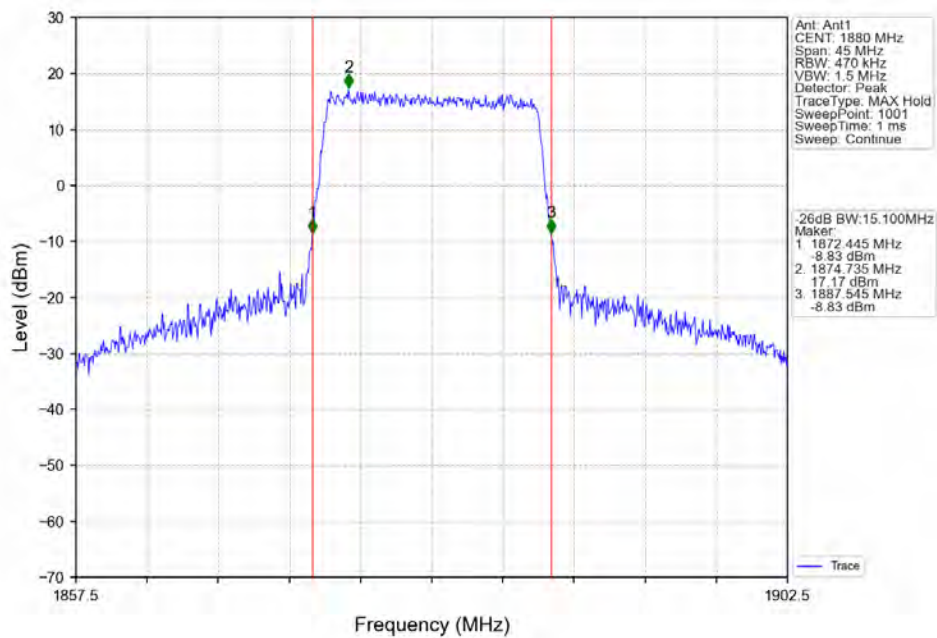
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Band2_15MHz_64QAM_MCH_1880MHz_RB_75_0_NTNV



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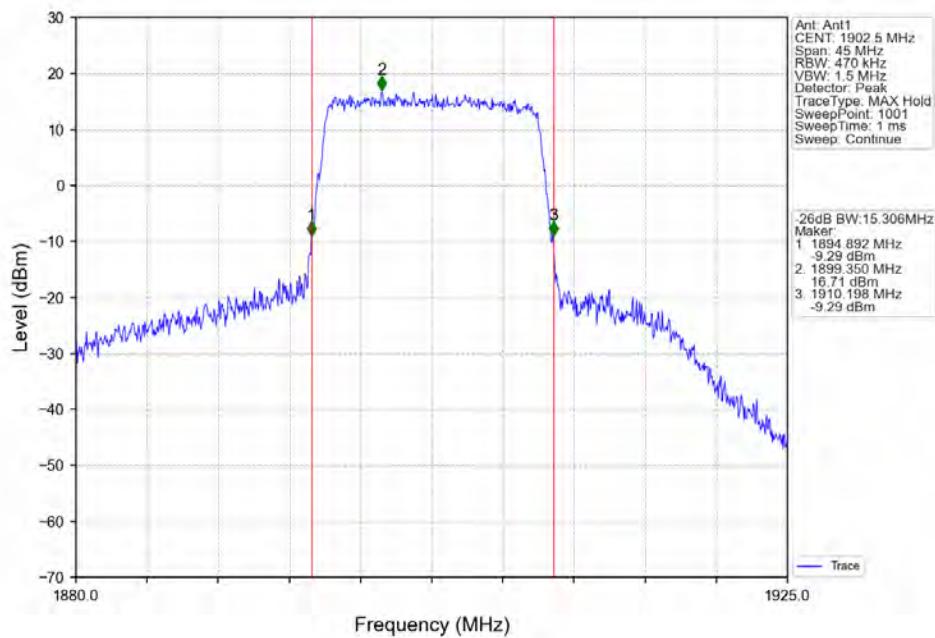
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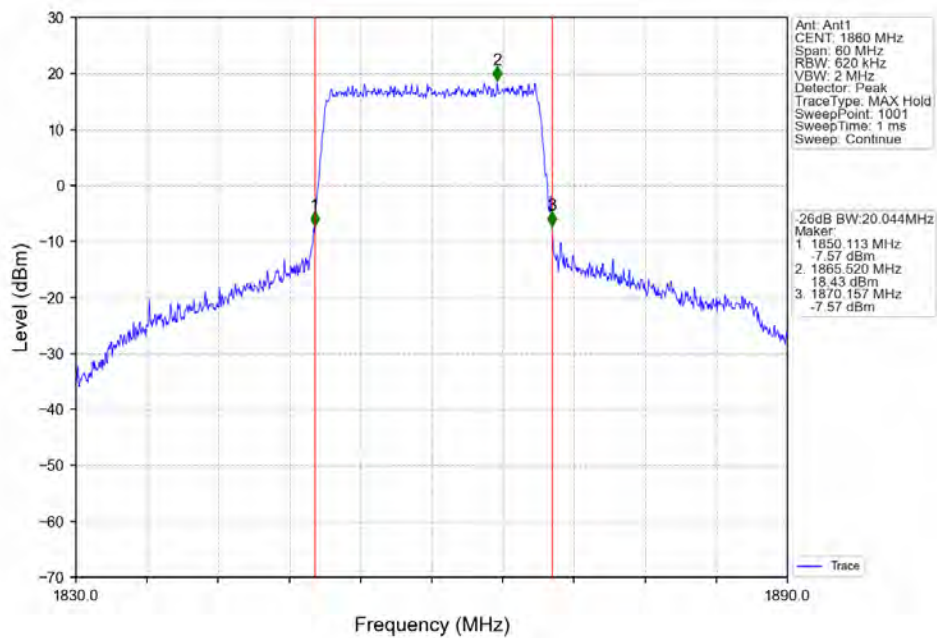
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Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



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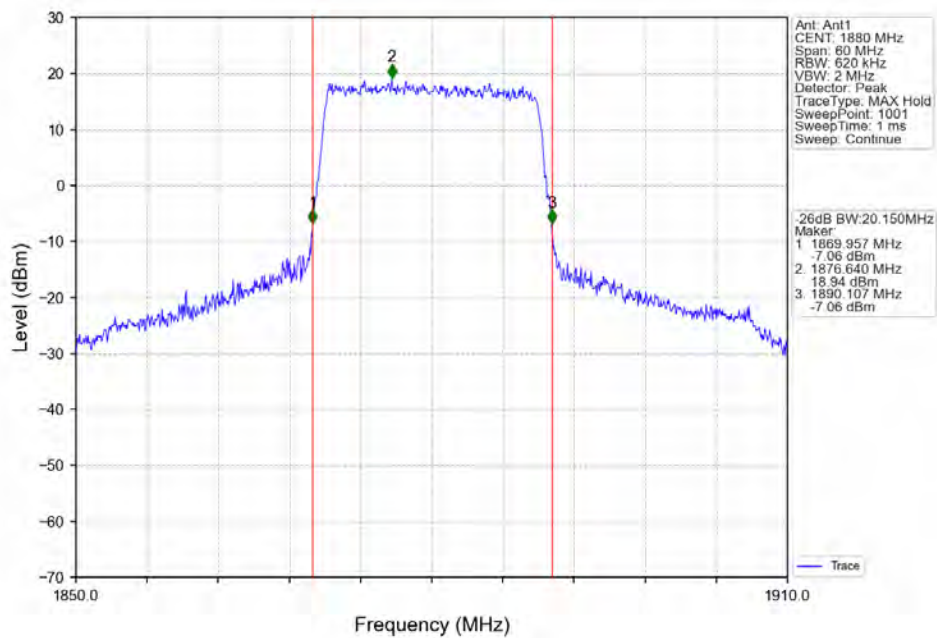
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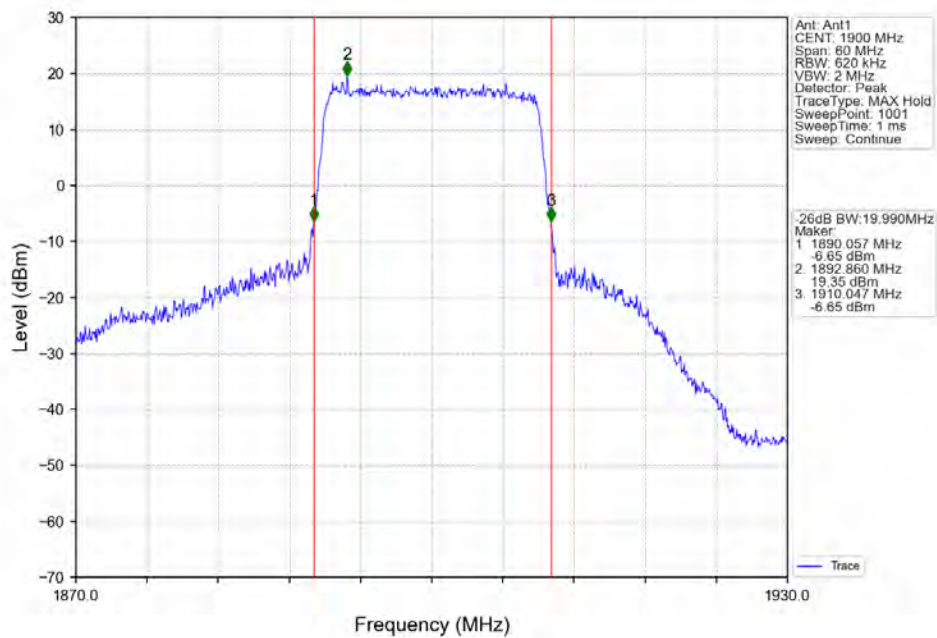
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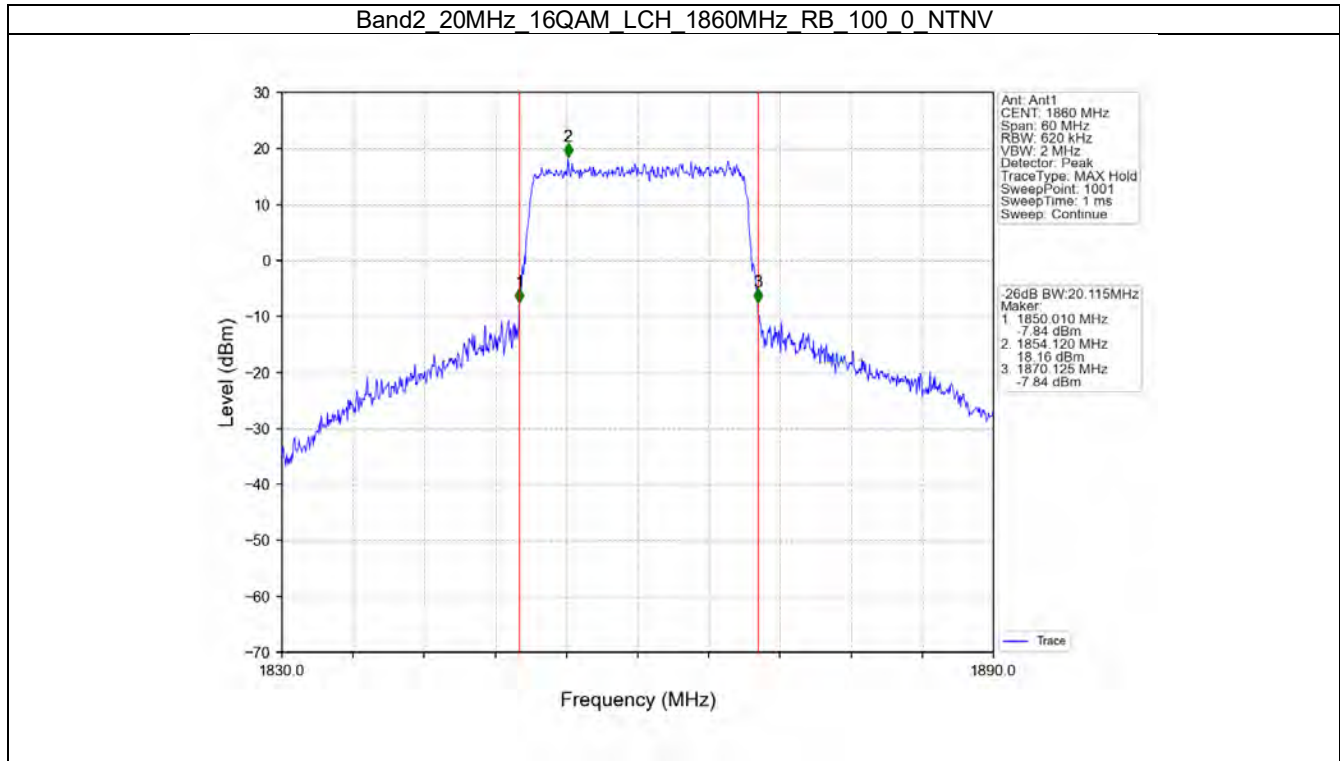


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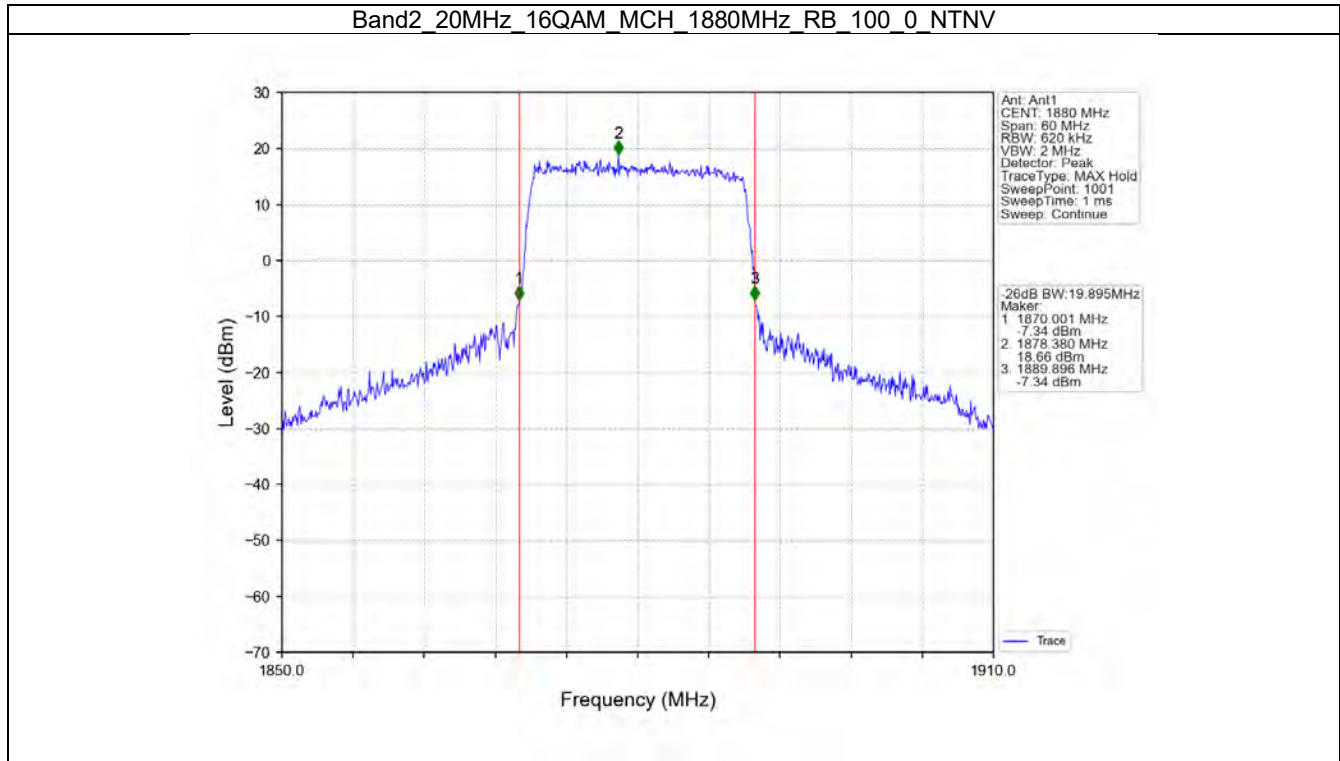


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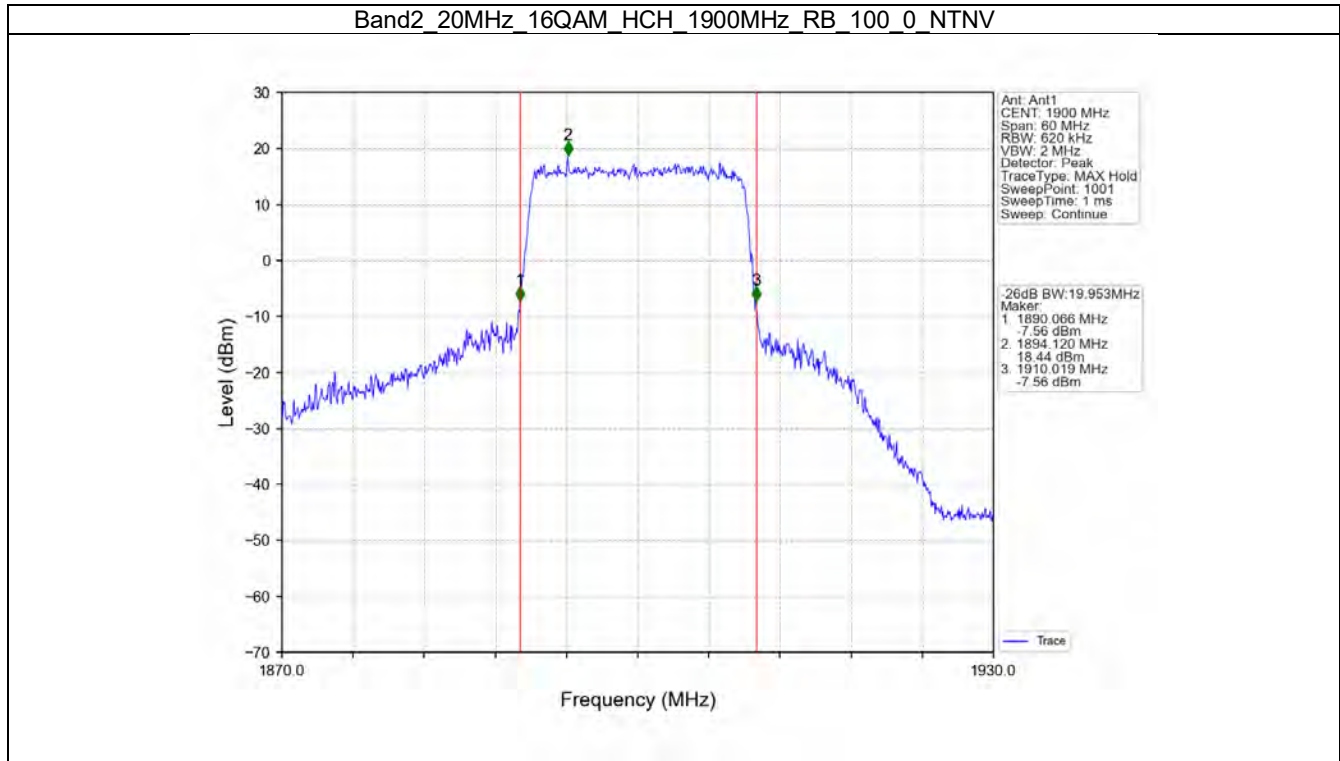


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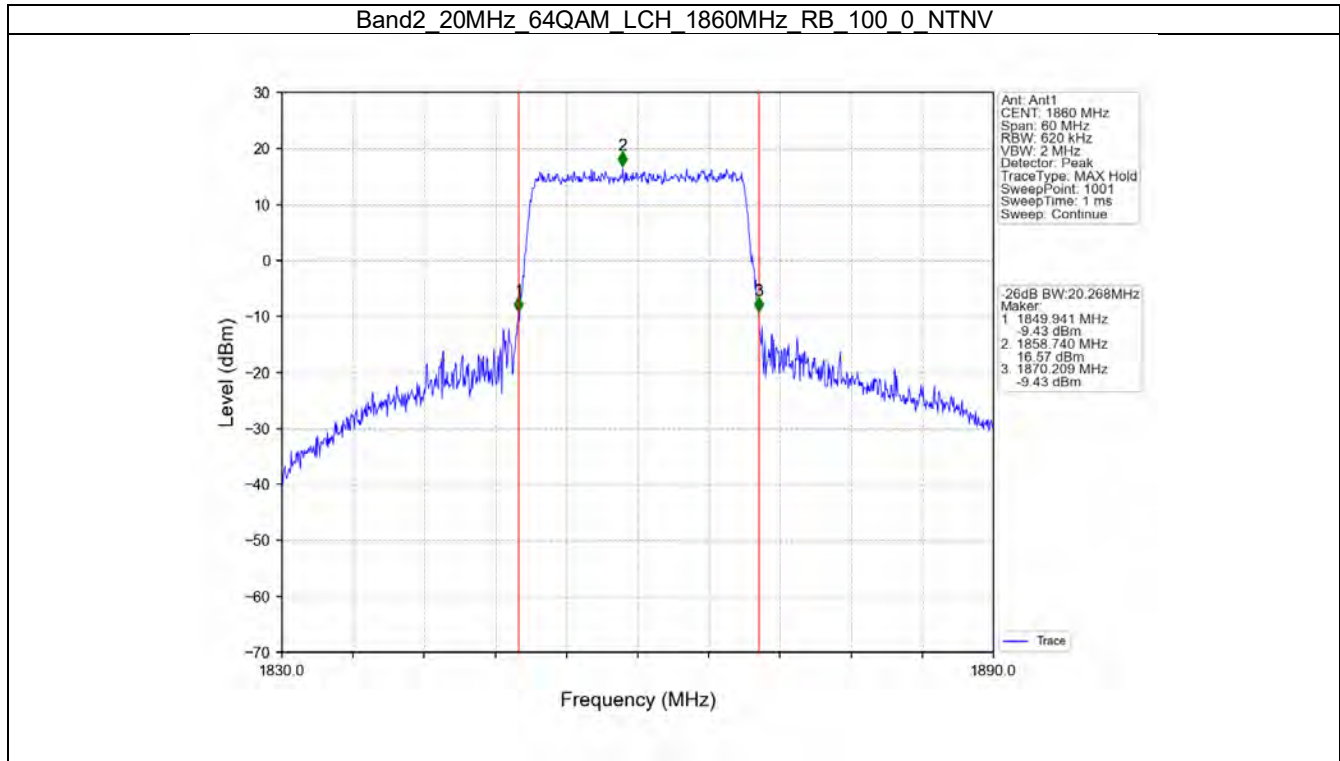


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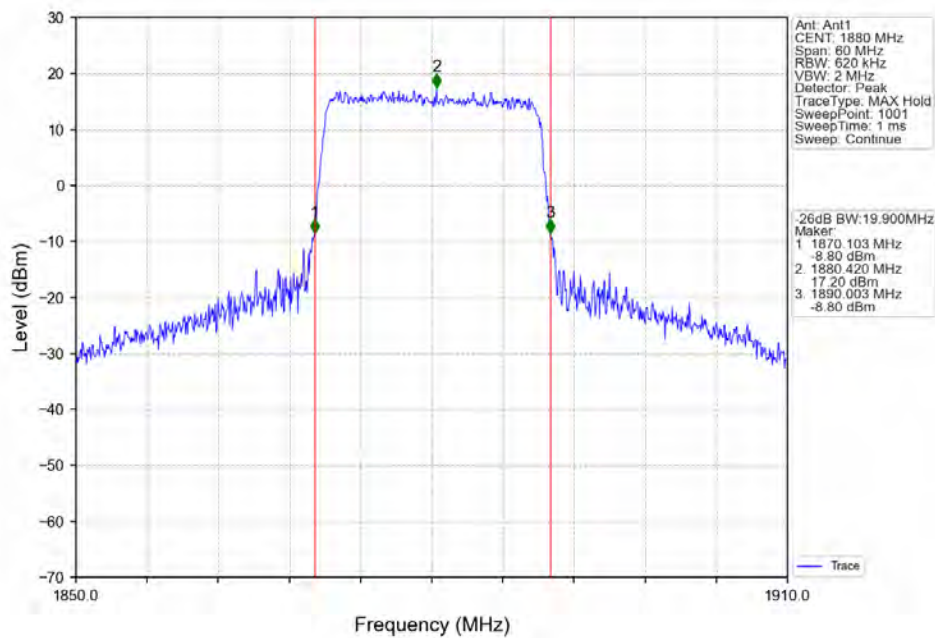
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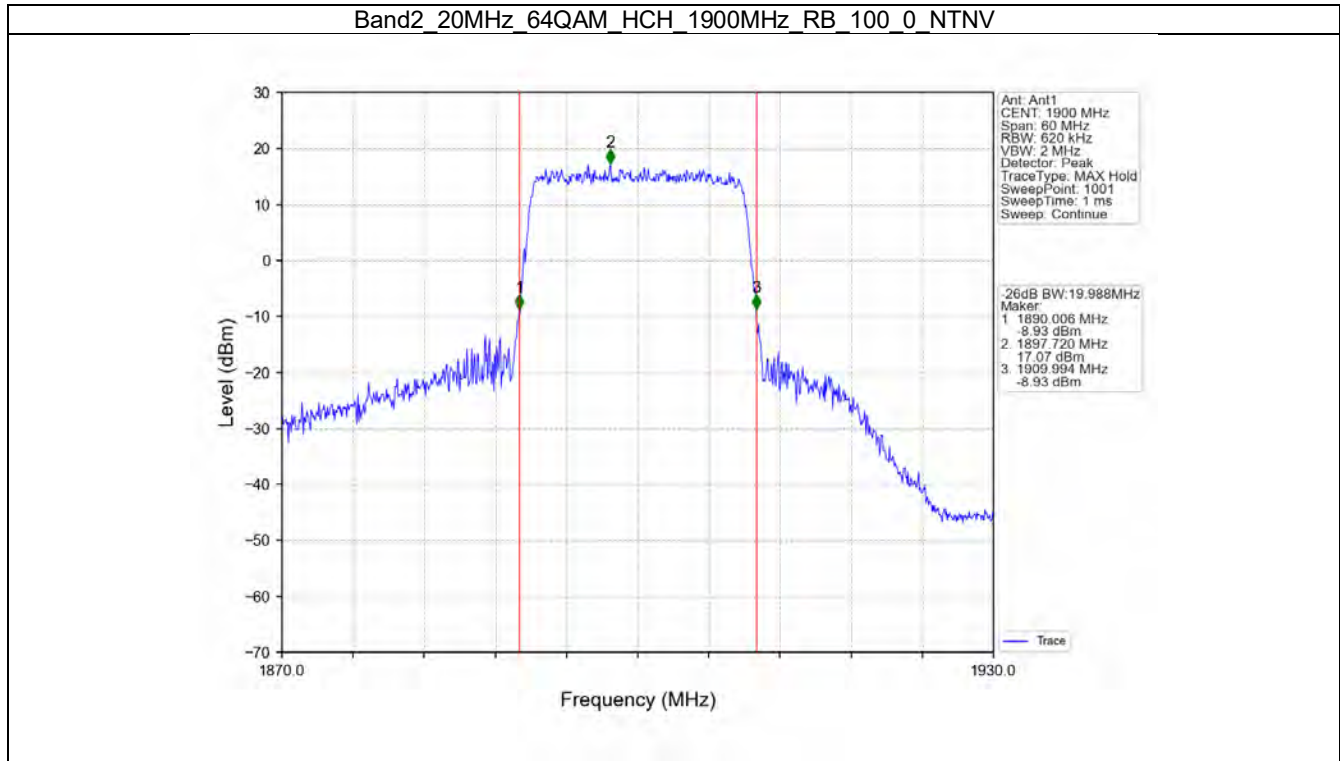


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4. Peak-Average Ratio

4.1 B2_1.4MHz

4.1.1 Test Result

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	4.26	<=13	Pass
	1880	6	0	4.52	<=13	Pass
	1909.3	6	0	4.73	<=13	Pass
16QAM	1850.7	6	0	5.16	<=13	Pass
	1880	6	0	5.42	<=13	Pass
	1909.3	6	0	5.66	<=13	Pass
64QAM	1850.7	6	0	5.91	<=13	Pass
	1880	6	0	6.11	<=13	Pass
	1909.3	6	0	6.29	<=13	Pass



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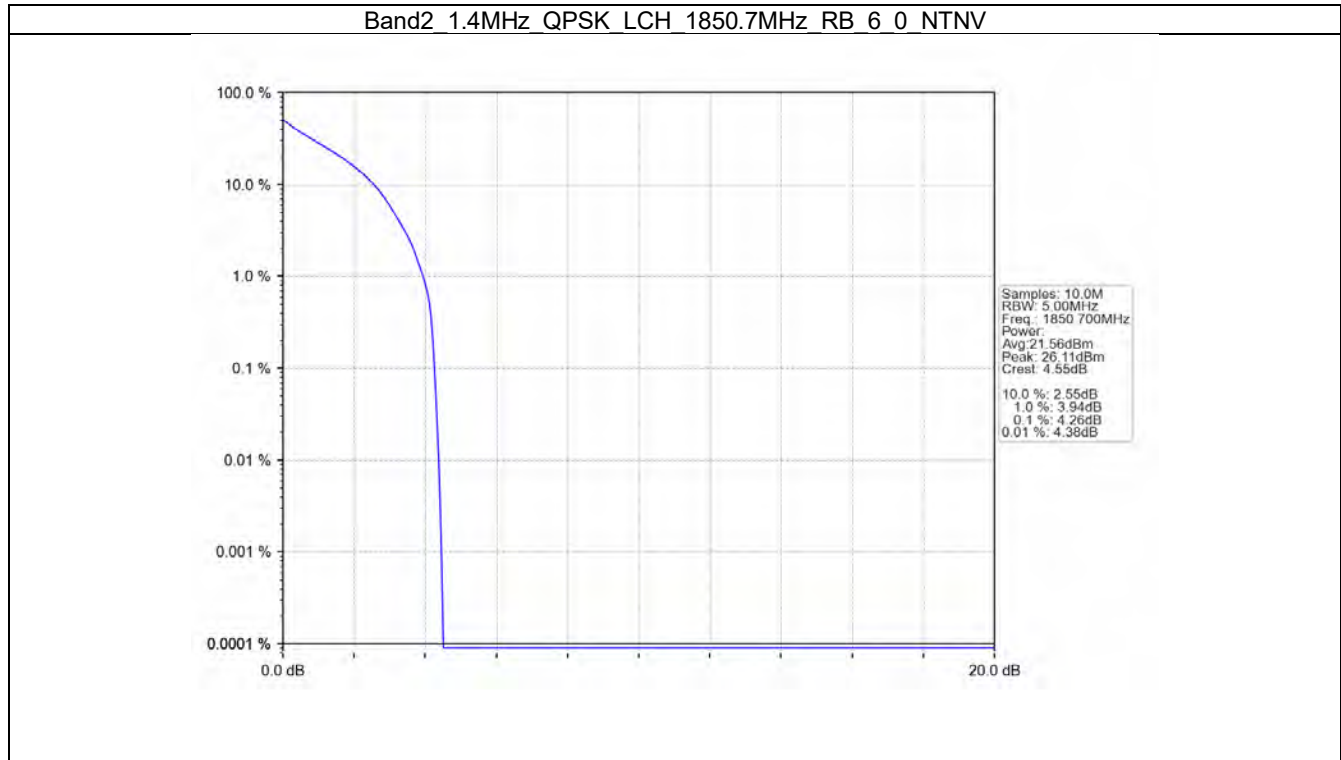
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4.1.2 Test Graph



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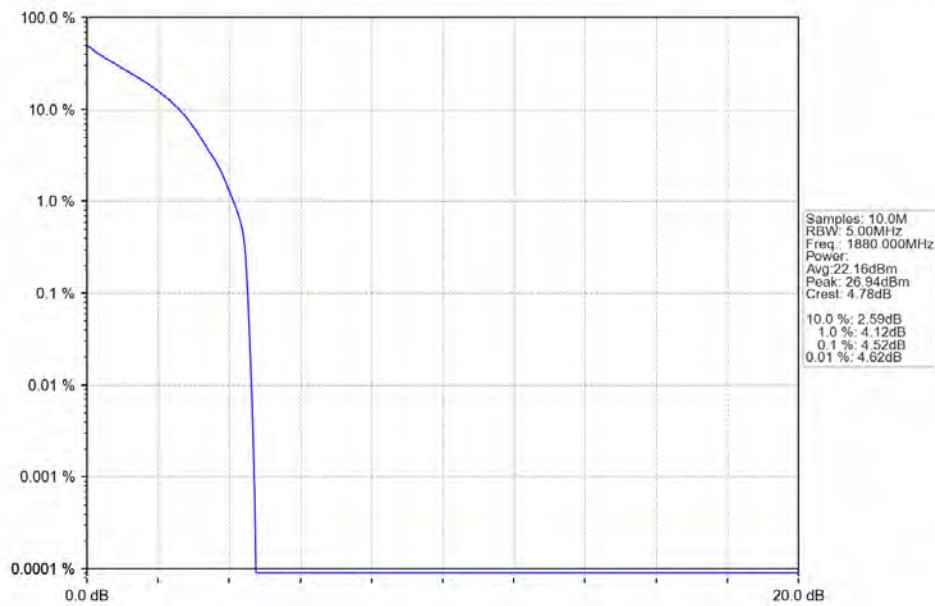
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Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV



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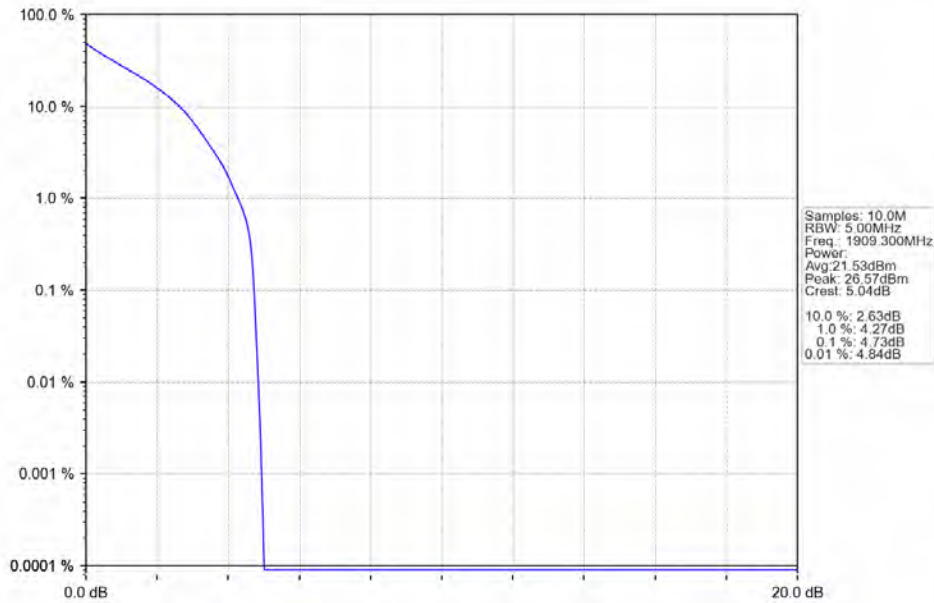
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Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTNV



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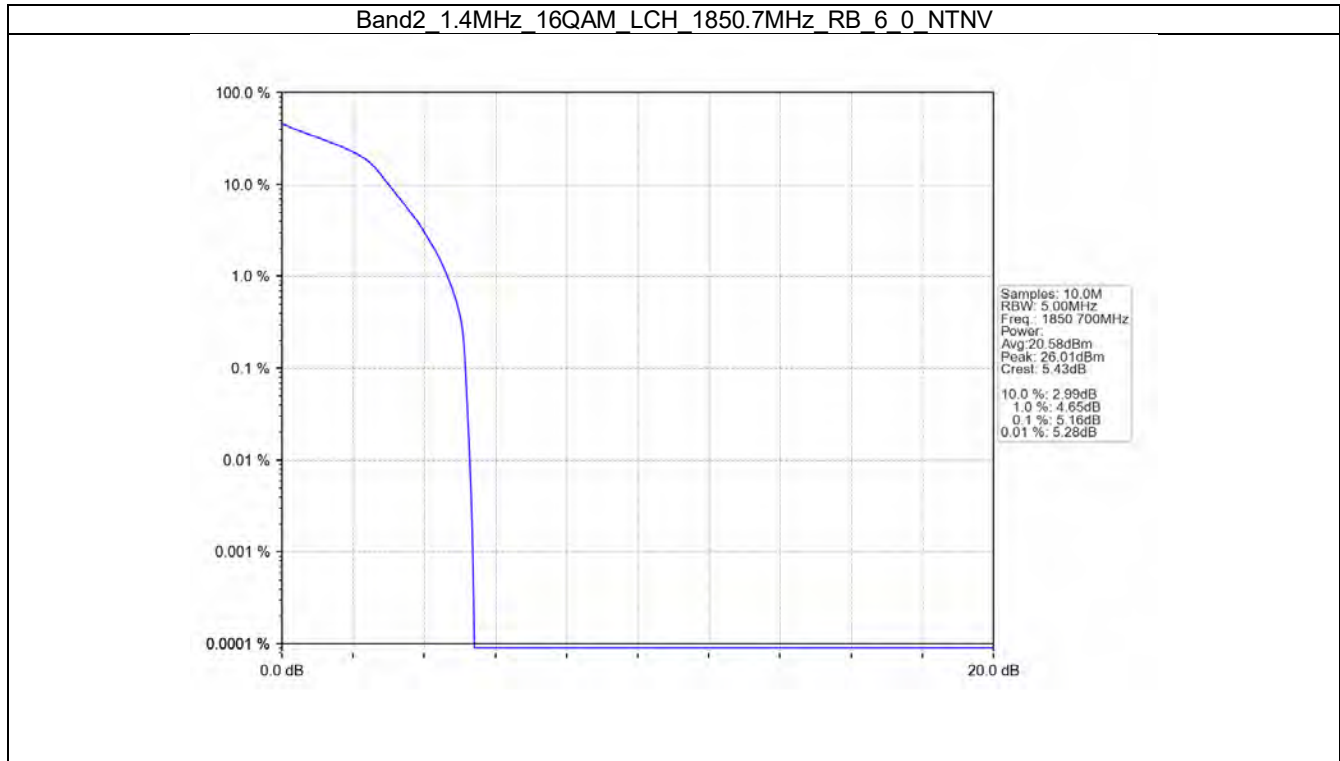


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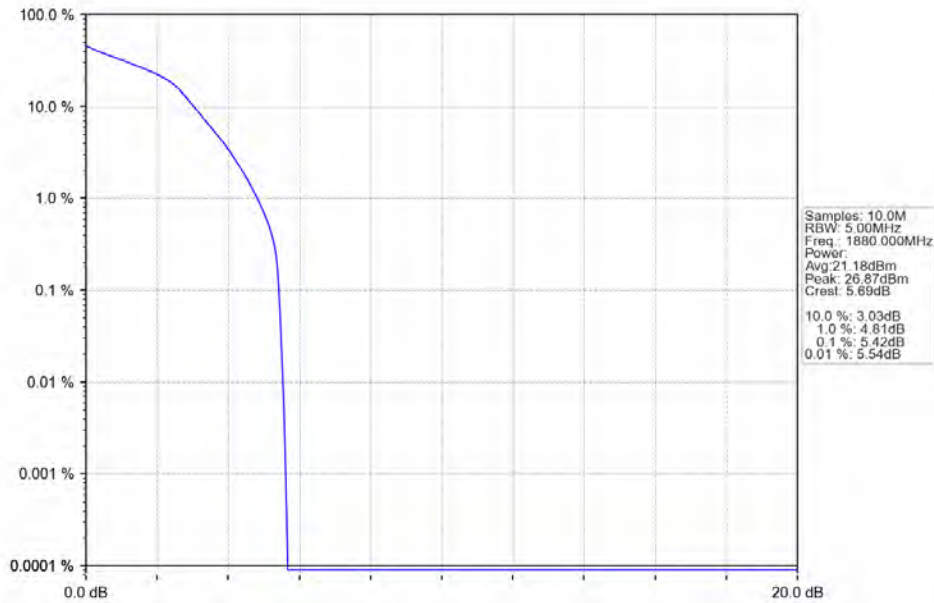
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Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



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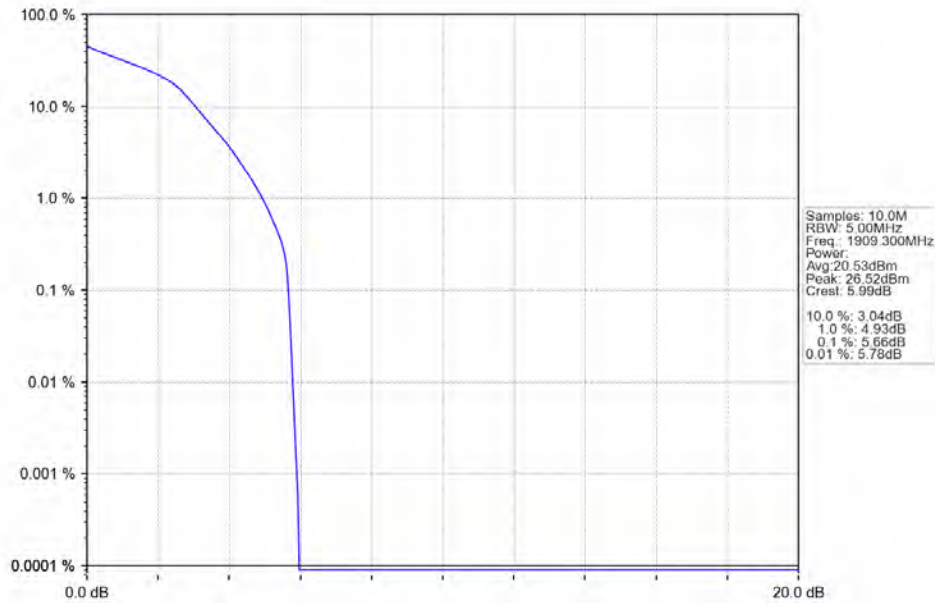
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Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



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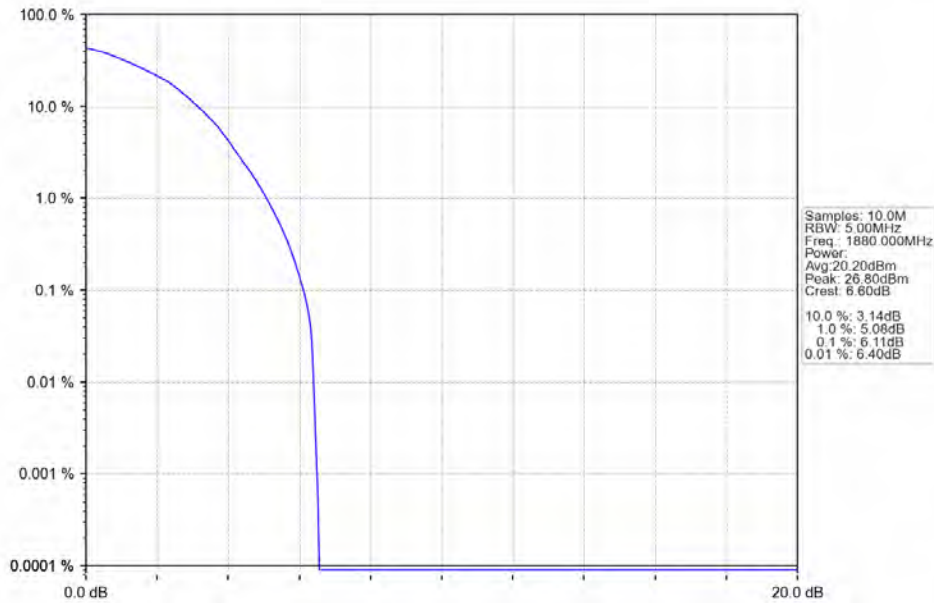
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Band2_1.4MHz_64QAM_MCH_1880MHz_RB_6_0_NTNV



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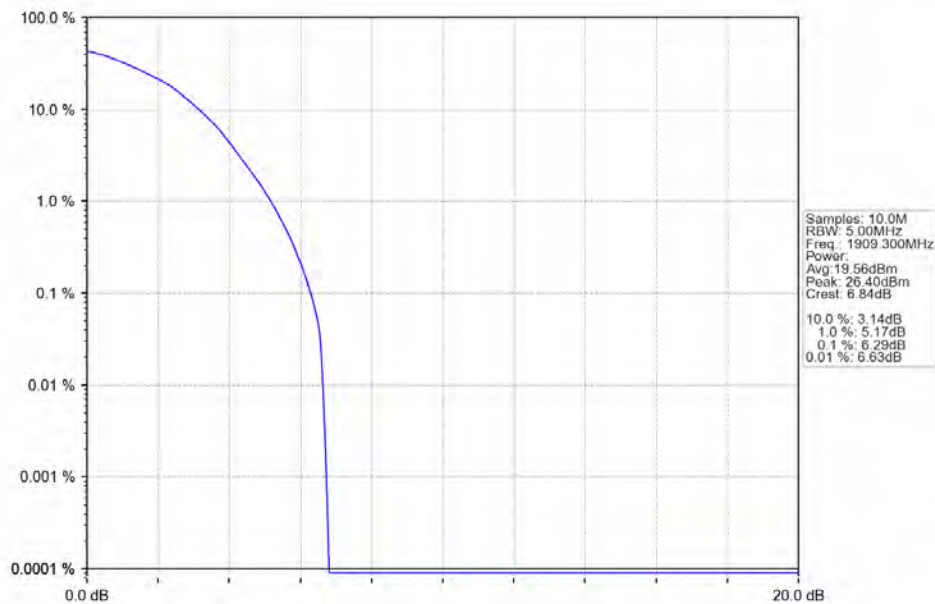
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4.2 B2_3MHz

4.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	4.67	<=13	Pass
	1880	15	0	4.88	<=13	Pass
	1908.5	15	0	5.00	<=13	Pass
16QAM	1851.5	15	0	5.61	<=13	Pass
	1880	15	0	5.75	<=13	Pass
	1908.5	15	0	5.84	<=13	Pass
64QAM	1851.5	15	0	6.17	<=13	Pass
	1880	15	0	6.27	<=13	Pass
	1908.5	15	0	6.37	<=13	Pass



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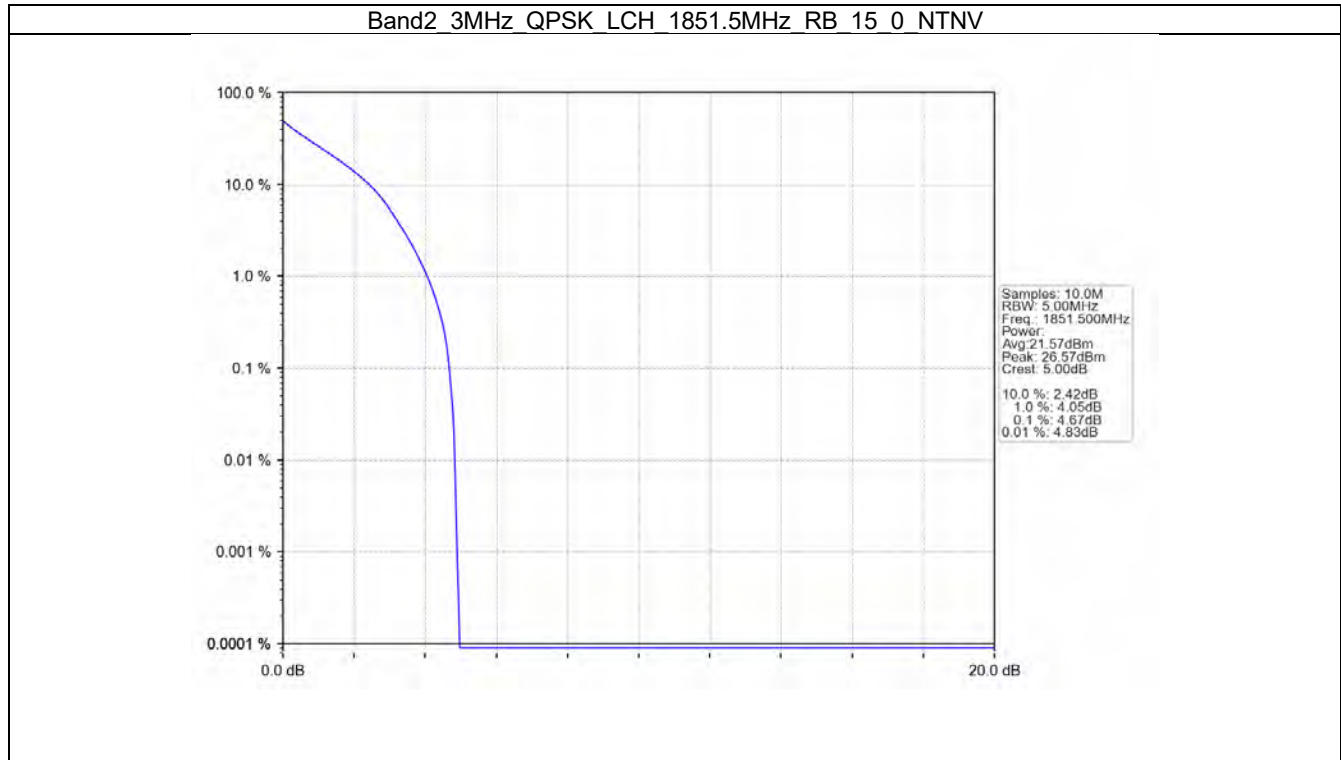
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4.2.2 Test Graph



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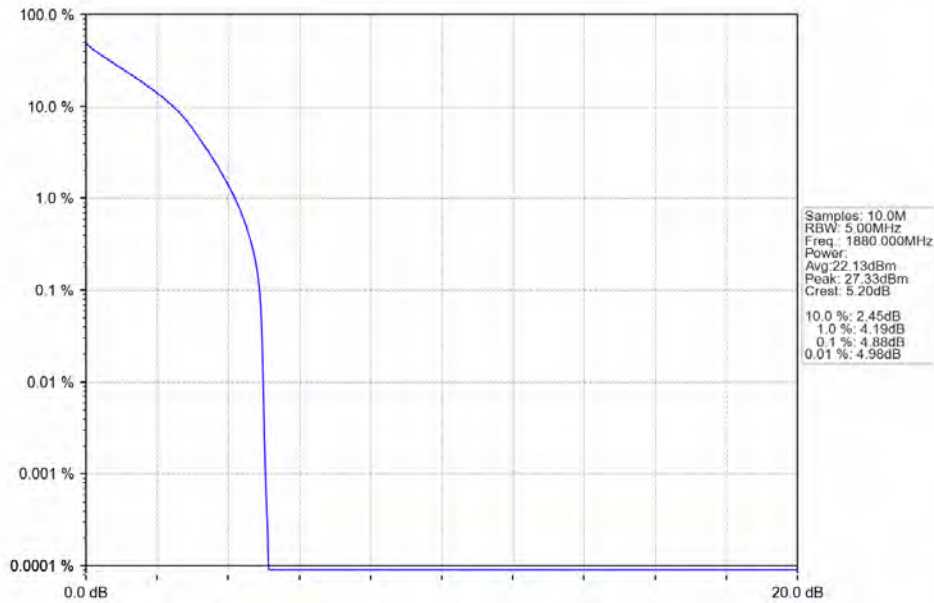
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Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



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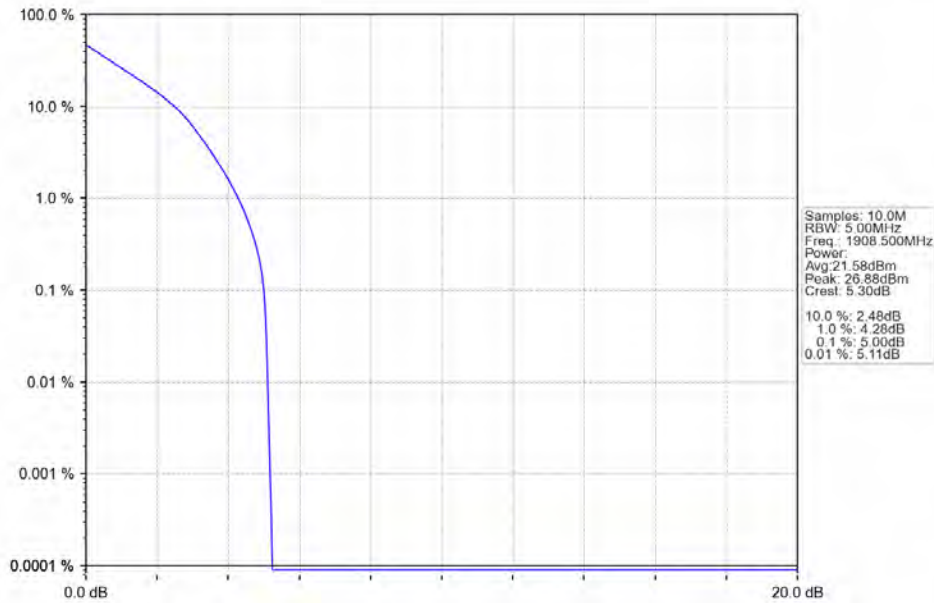
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Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



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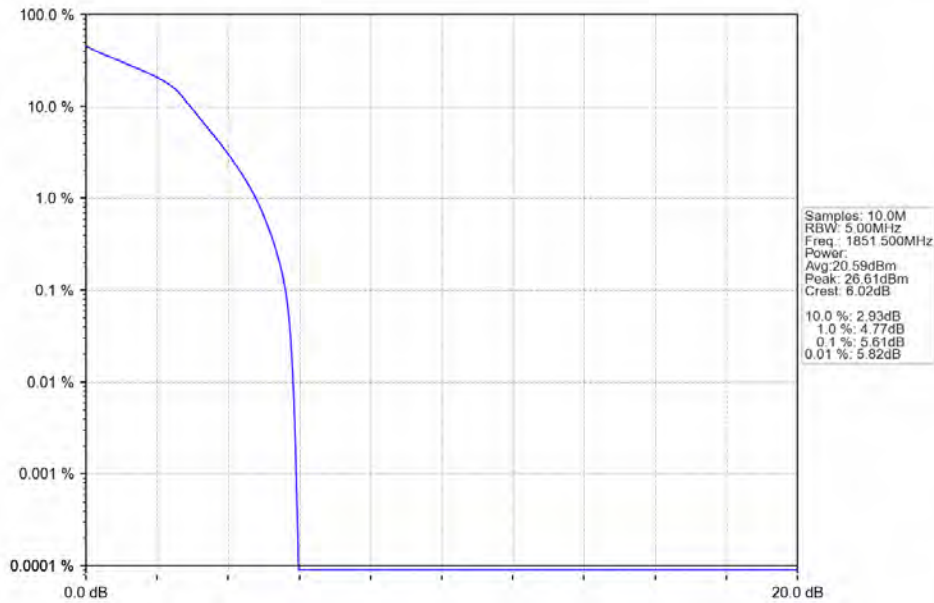
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Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



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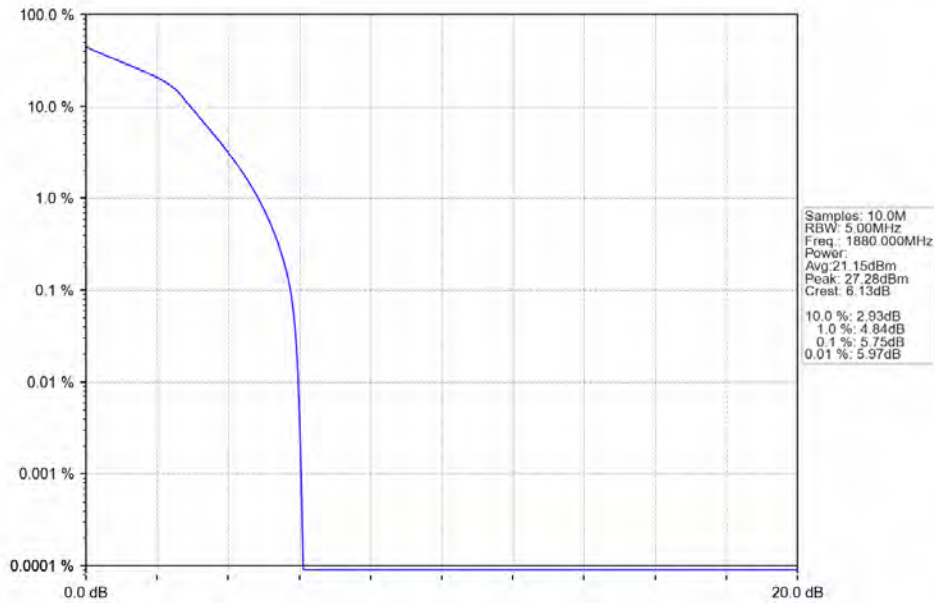
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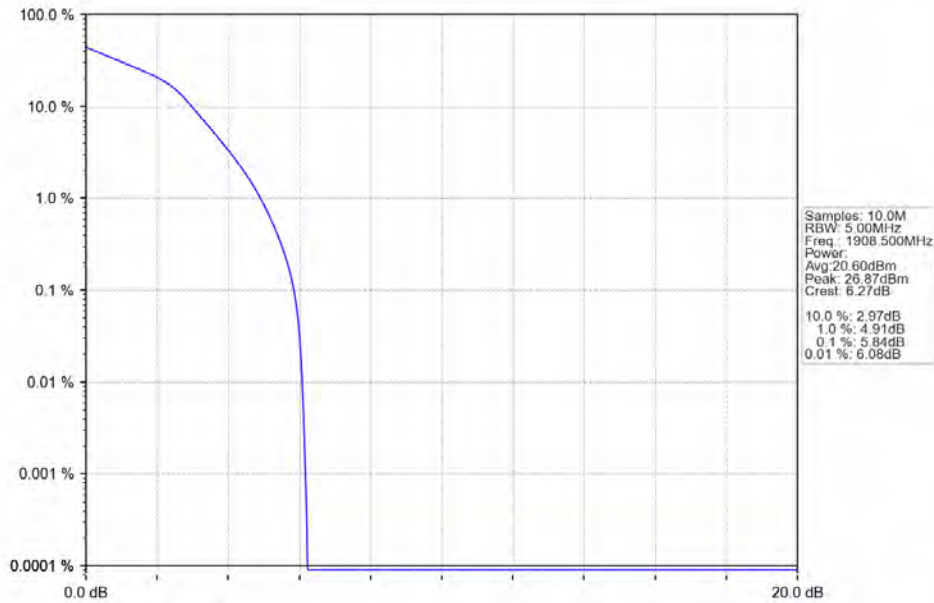
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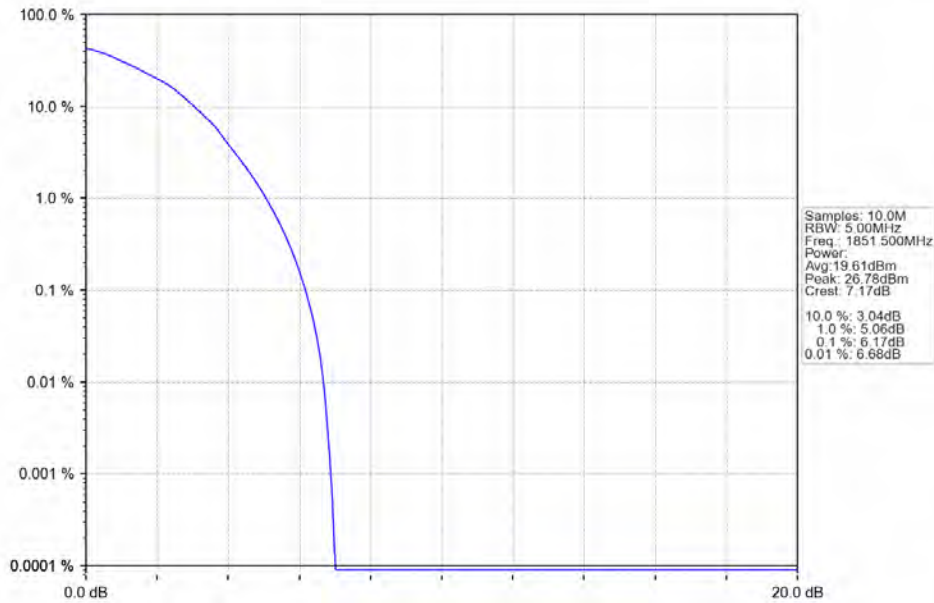
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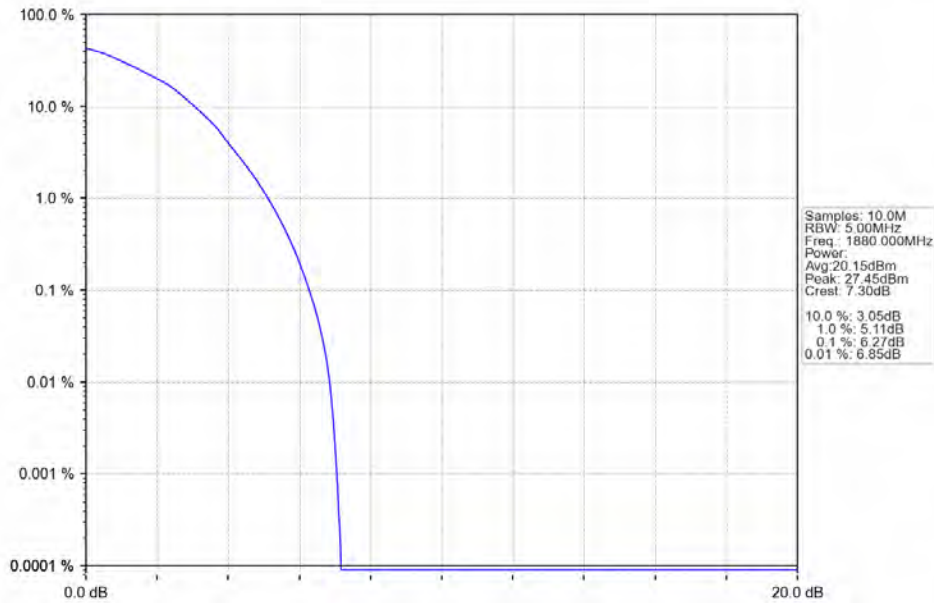
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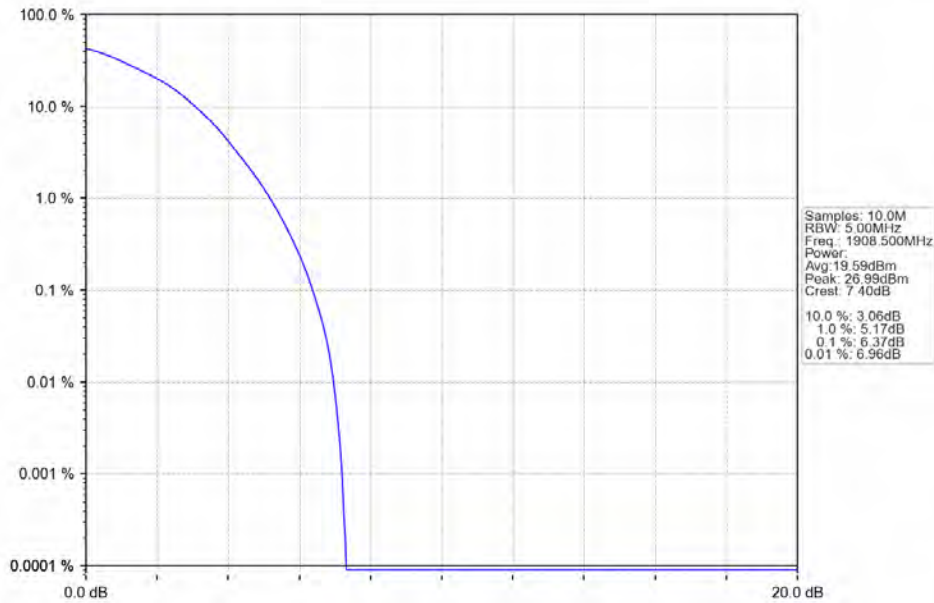
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4.3 B2_5MHz

4.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.15	<=13	Pass
	1880	25	0	5.22	<=13	Pass
	1907.5	25	0	5.16	<=13	Pass
16QAM	1852.5	25	0	5.93	<=13	Pass
	1880	25	0	6.02	<=13	Pass
	1907.5	25	0	5.92	<=13	Pass
64QAM	1852.5	25	0	6.35	<=13	Pass
	1880	25	0	6.40	<=13	Pass
	1907.5	25	0	6.34	<=13	Pass



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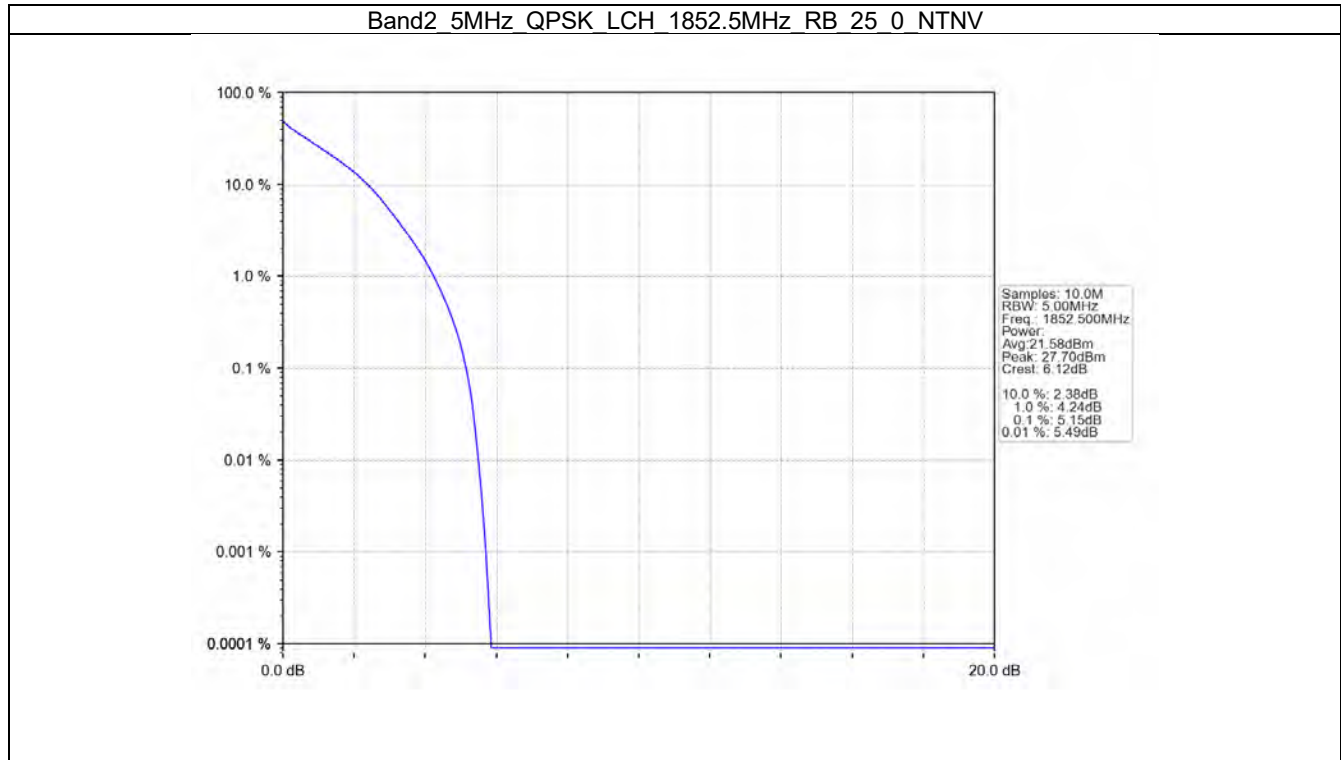
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4.3.2 Test Graph



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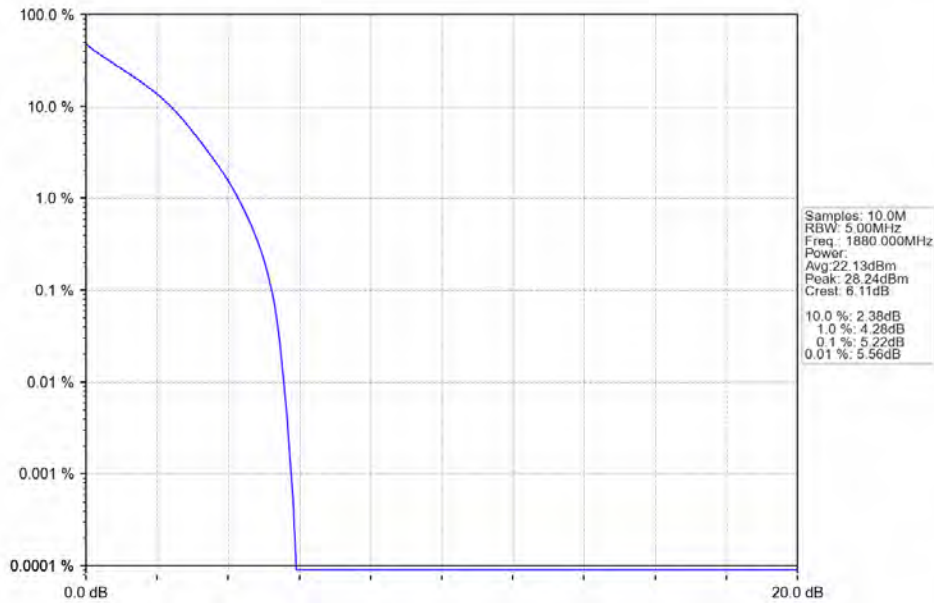
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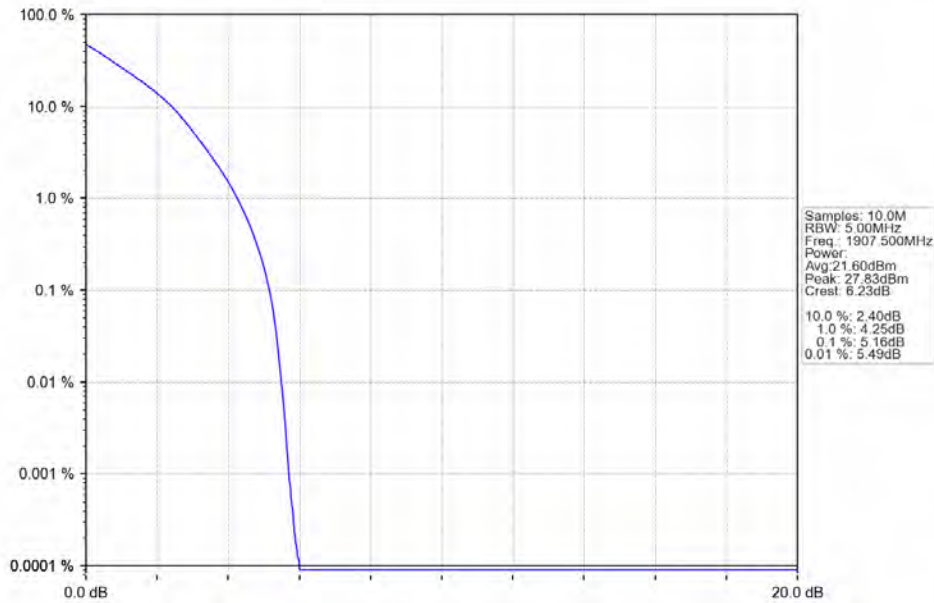
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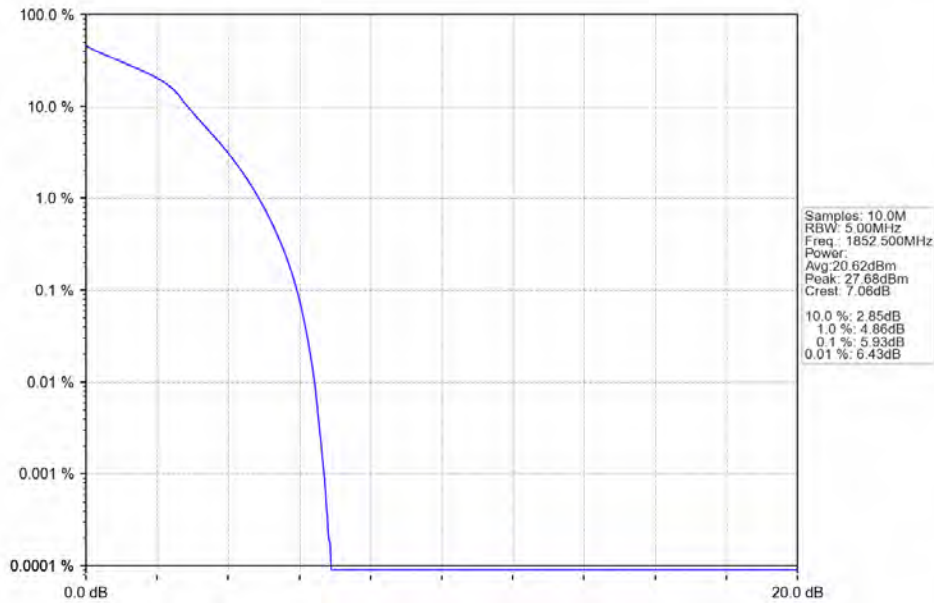
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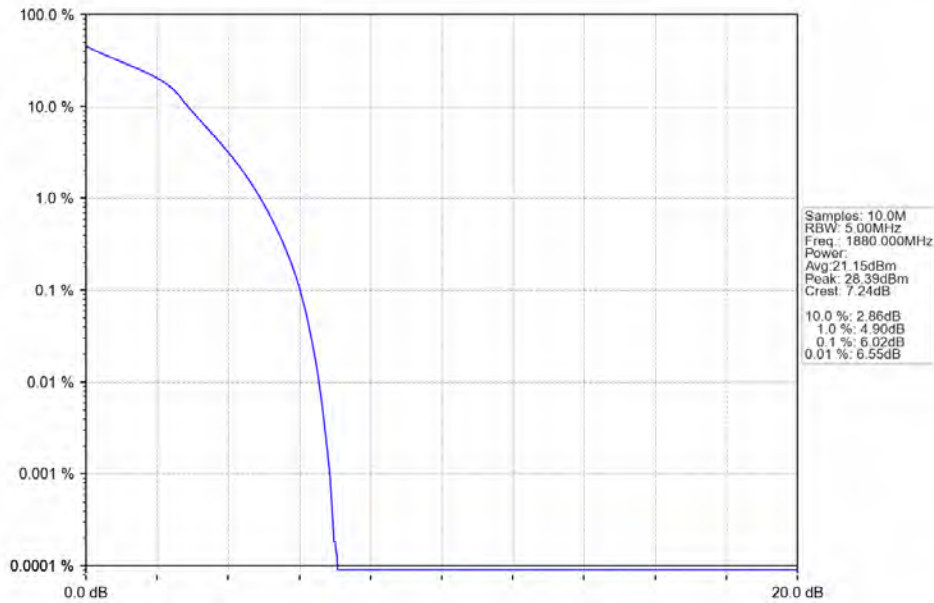
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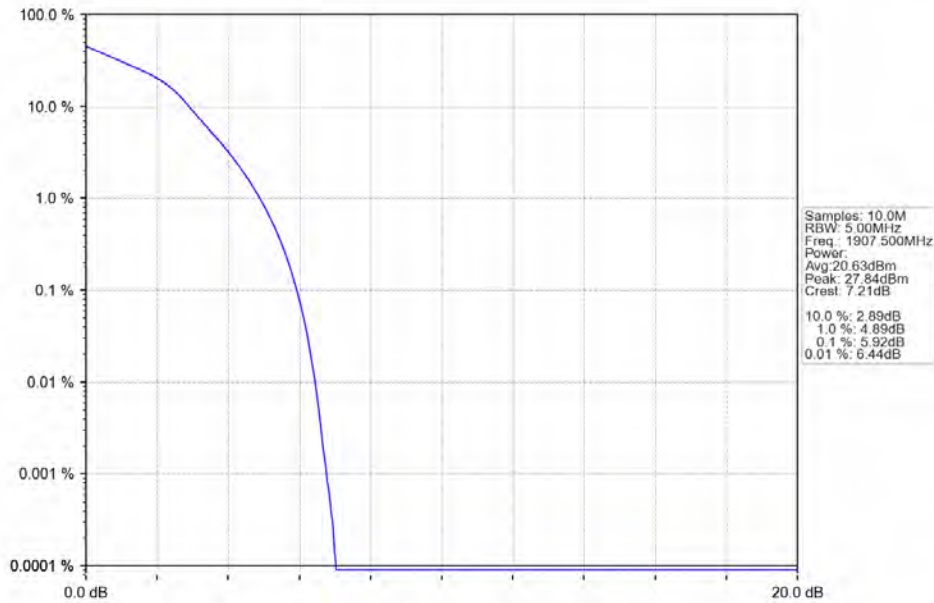
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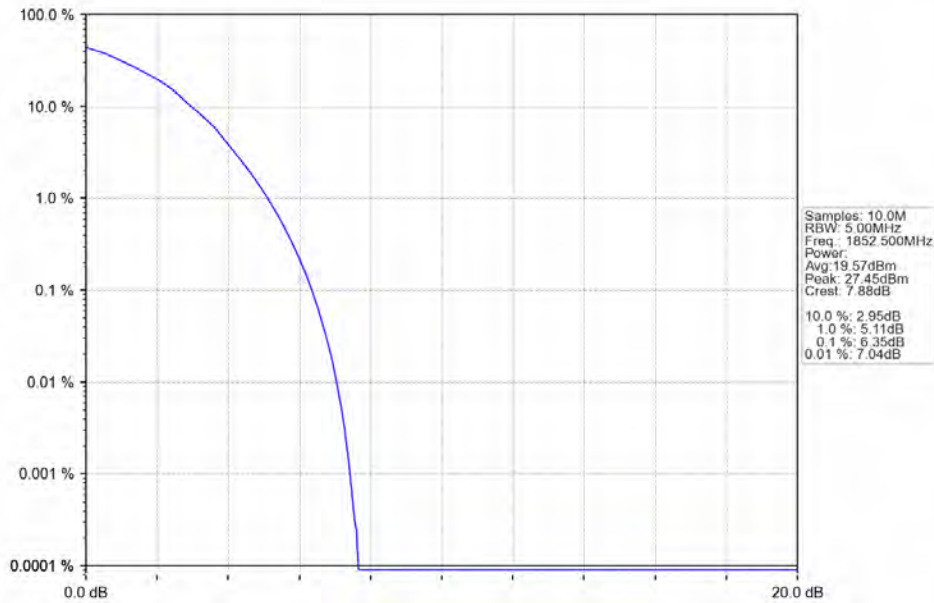
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Band2_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



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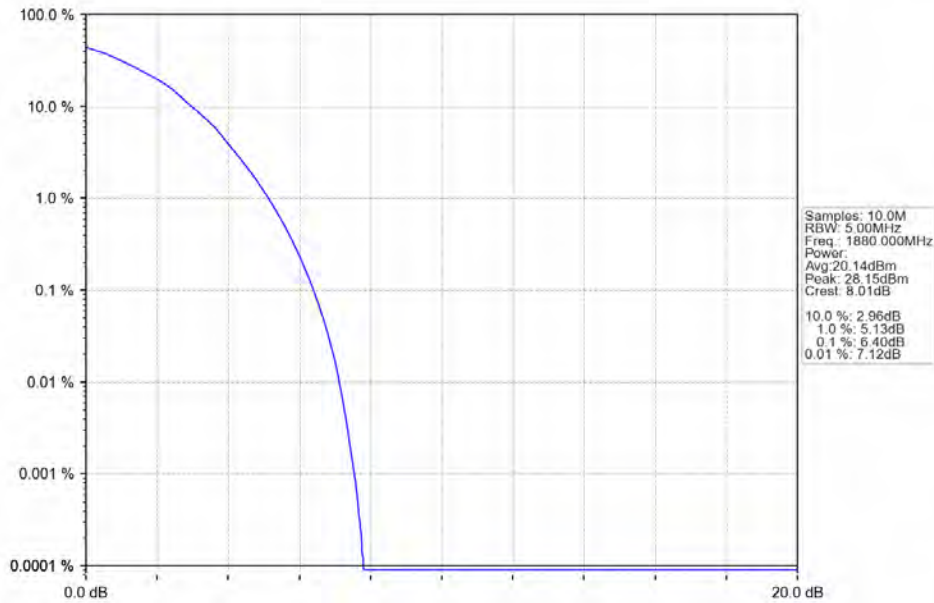
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Band2_5MHz_64QAM_MCH_1880MHz_RB_25_0_NTNV



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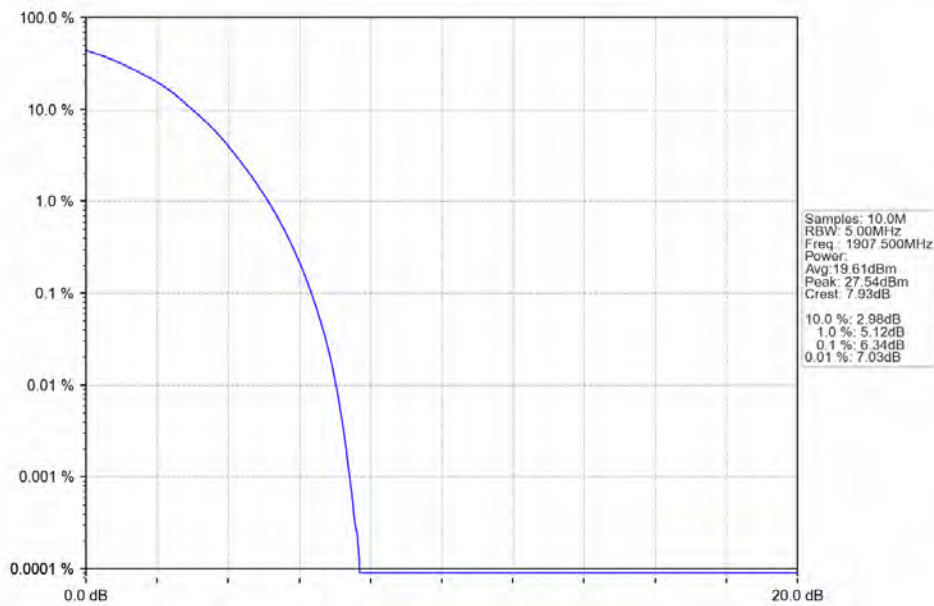
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Band2_5MHz_64QAM_HCH_1907.5MHz_RB_25_0_NTNV



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4.4 B2_10MHz

4.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.22	<=13	Pass
	1880	50	0	5.23	<=13	Pass
	1905	50	0	5.09	<=13	Pass
16QAM	1855	50	0	5.99	<=13	Pass
	1880	50	0	6.01	<=13	Pass
	1905	50	0	5.83	<=13	Pass
64QAM	1855	50	0	6.39	<=13	Pass
	1880	50	0	6.40	<=13	Pass
	1905	50	0	6.27	<=13	Pass



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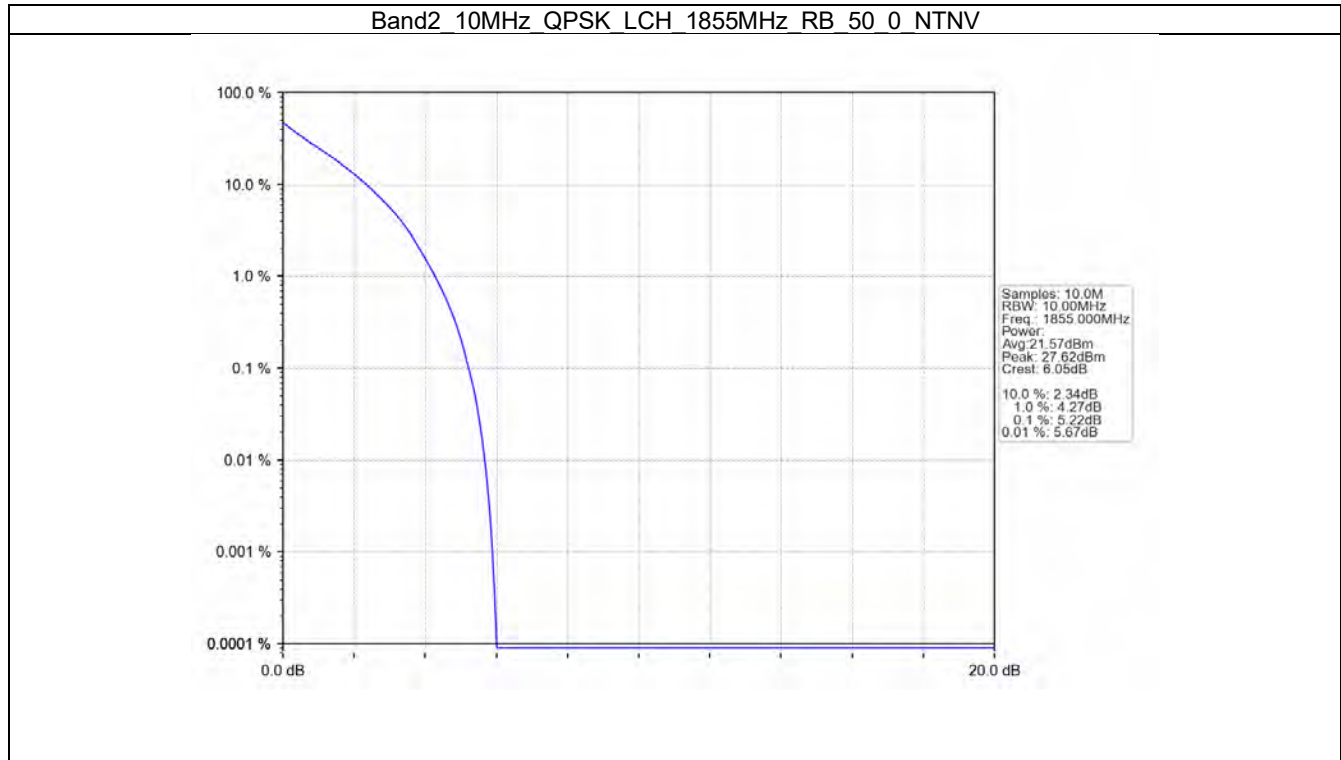
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4.4.2 Test Graph



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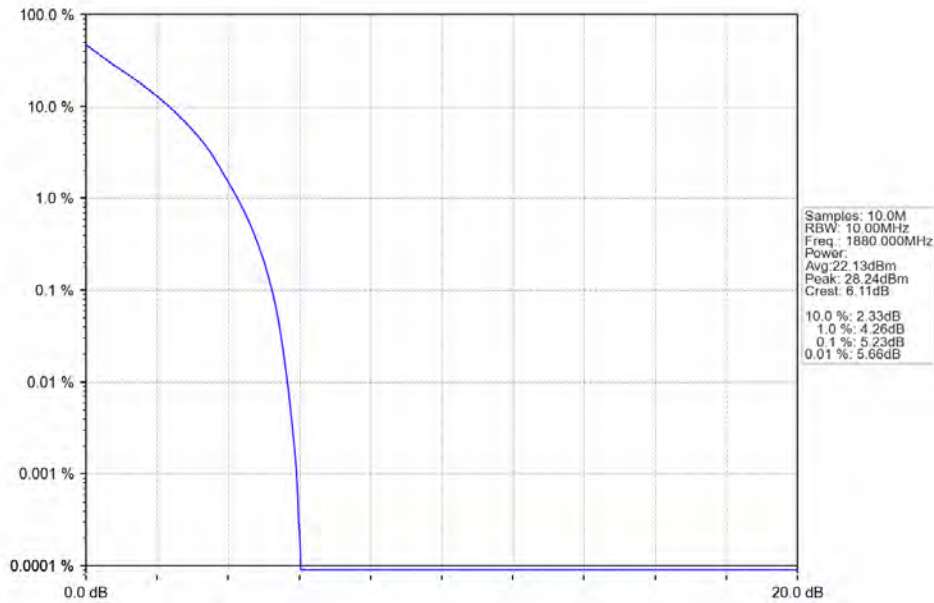
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Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



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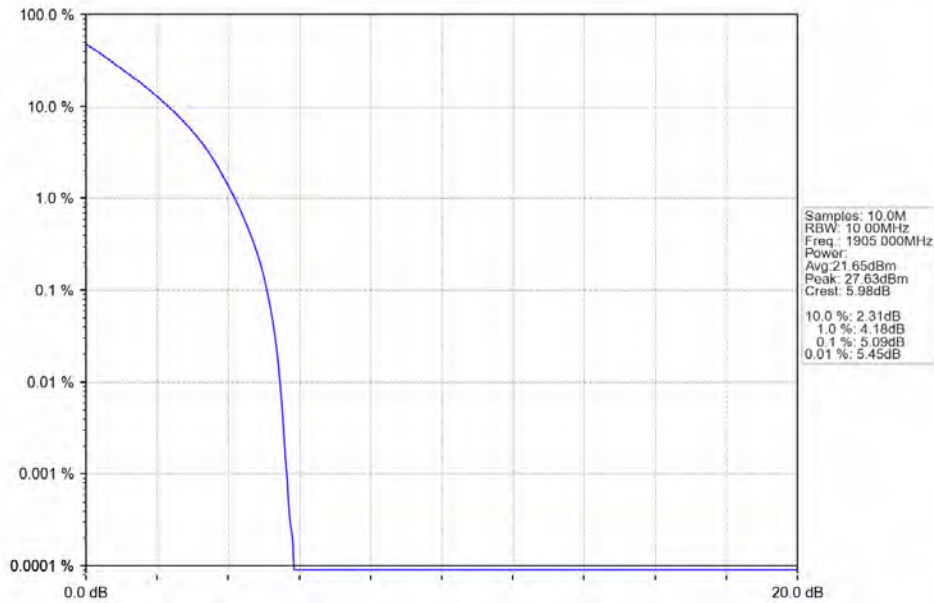
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Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



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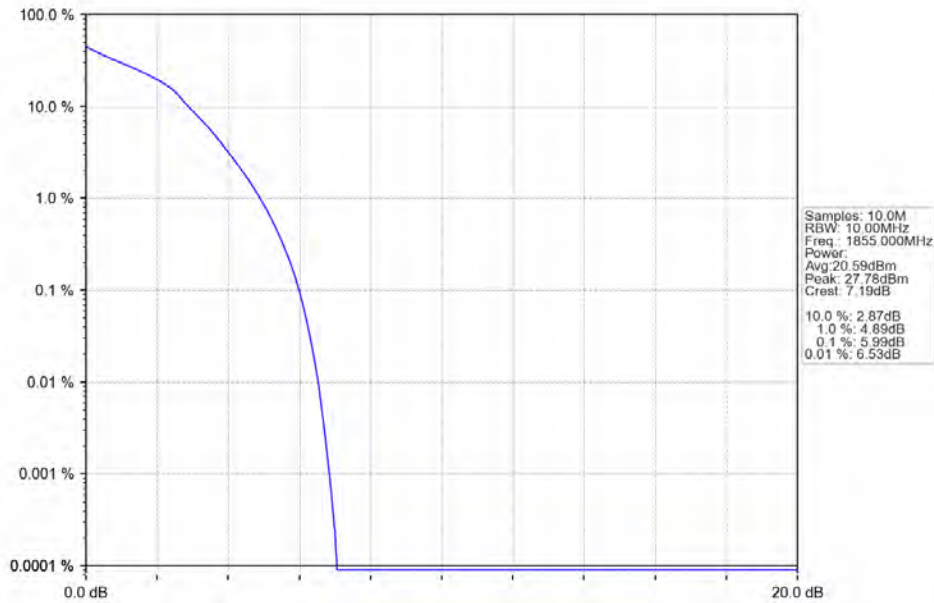
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Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



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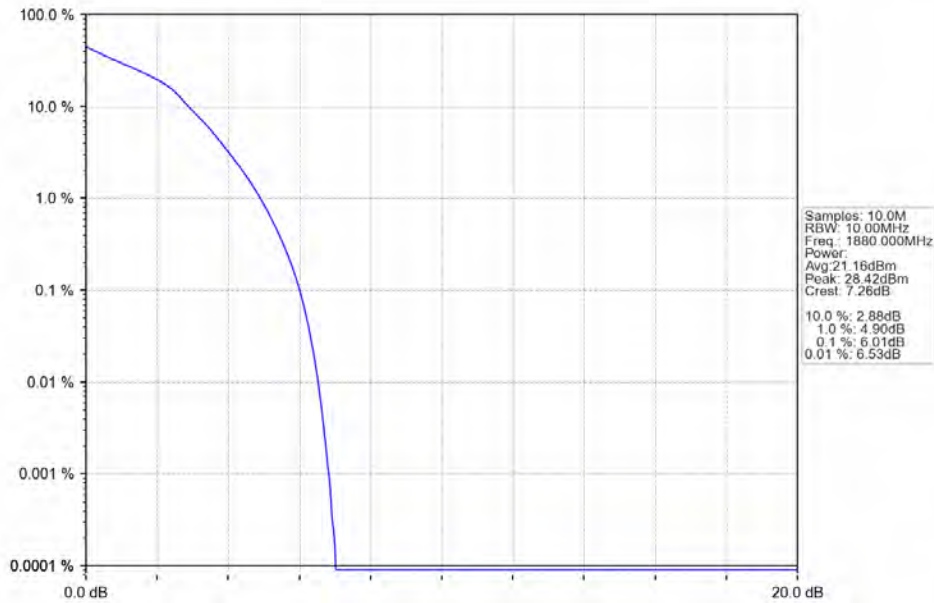
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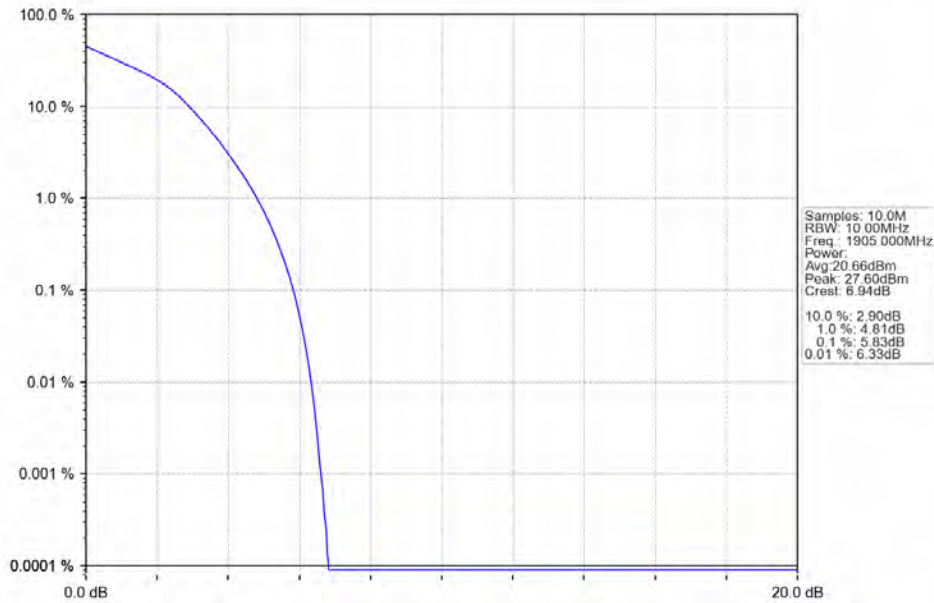
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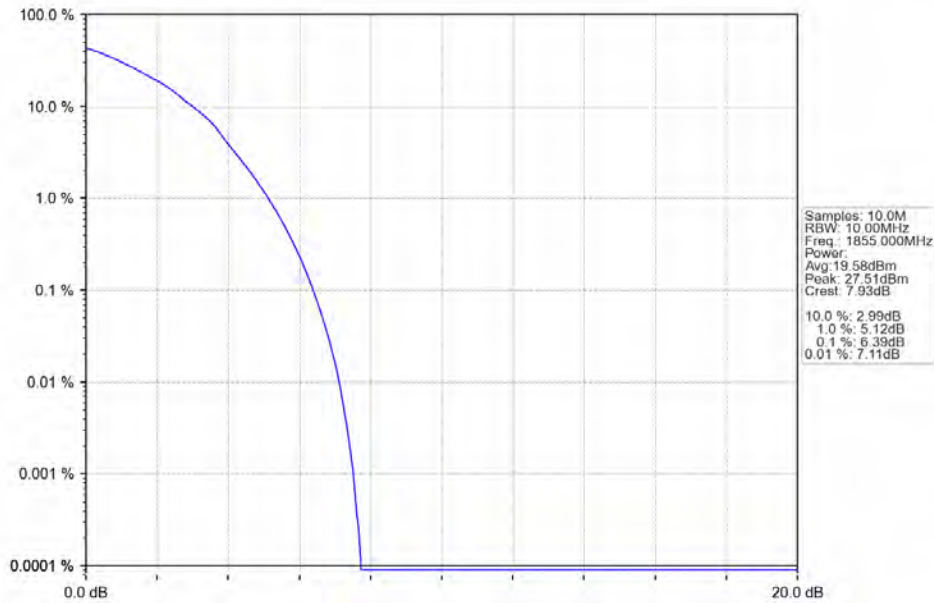
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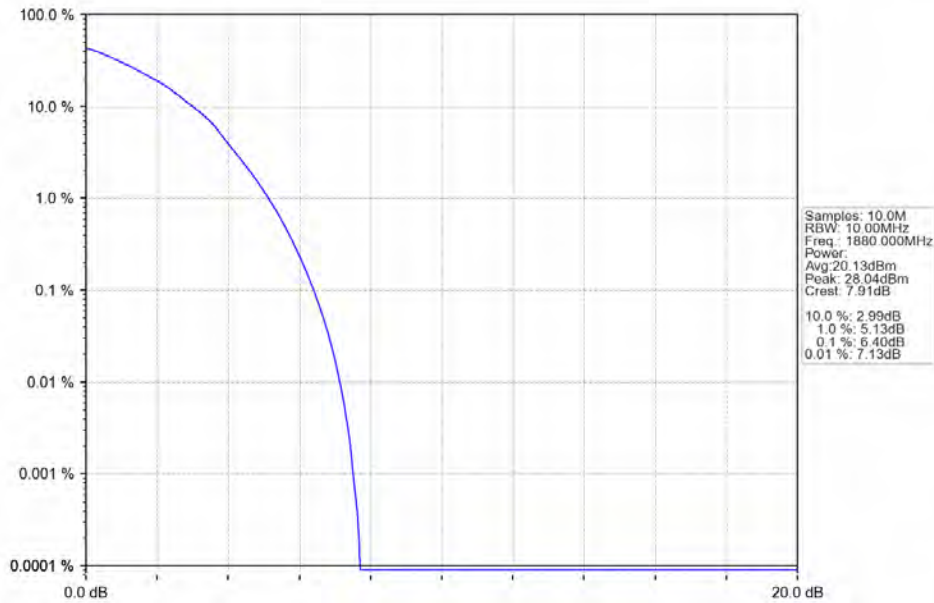
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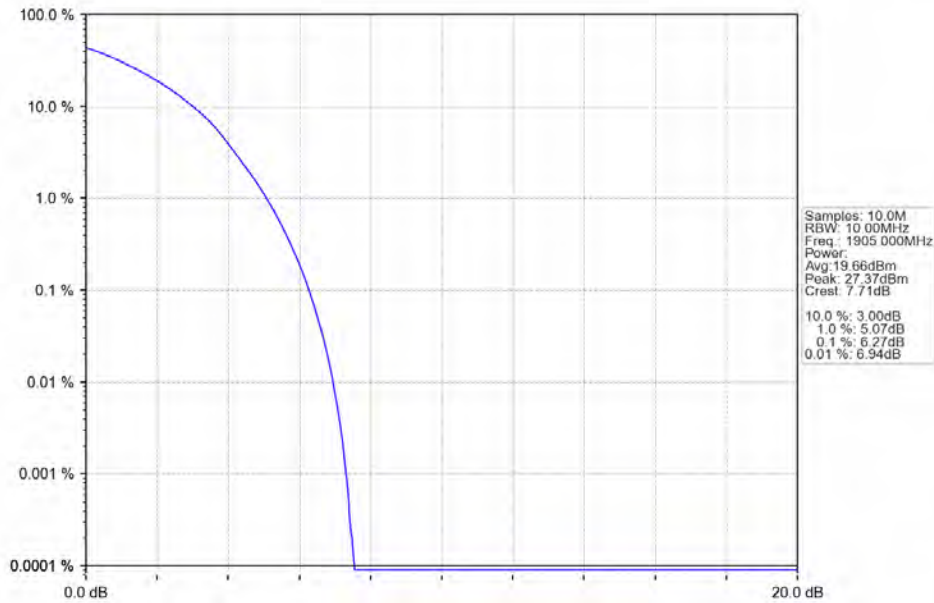
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4.5 B2_15MHz

4.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.44	<=13	Pass
	1880	75	0	5.42	<=13	Pass
	1902.5	75	0	5.28	<=13	Pass
16QAM	1857.5	75	0	6.11	<=13	Pass
	1880	75	0	6.09	<=13	Pass
	1902.5	75	0	5.95	<=13	Pass
64QAM	1857.5	75	0	6.44	<=13	Pass
	1880	75	0	6.41	<=13	Pass
	1902.5	75	0	6.29	<=13	Pass



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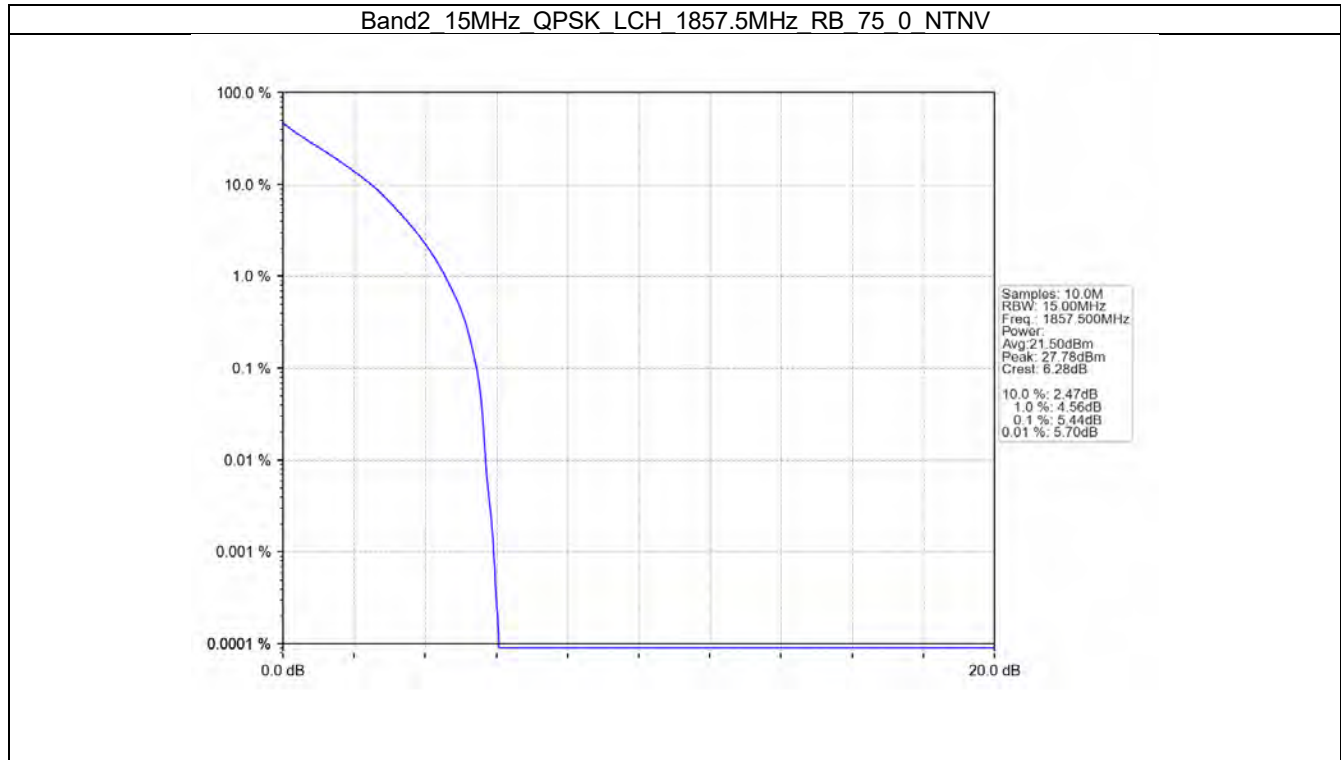
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4.5.2 Test Graph



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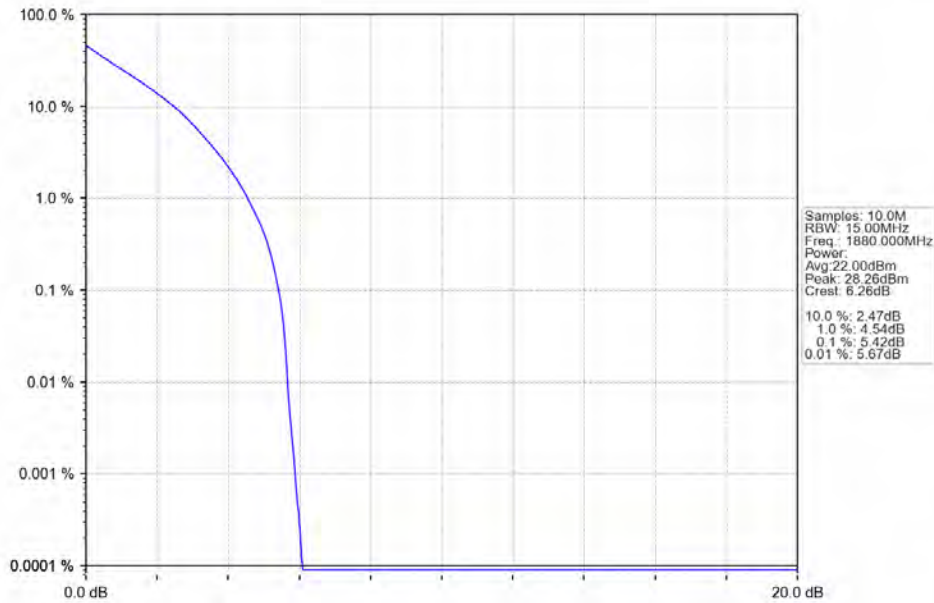
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Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



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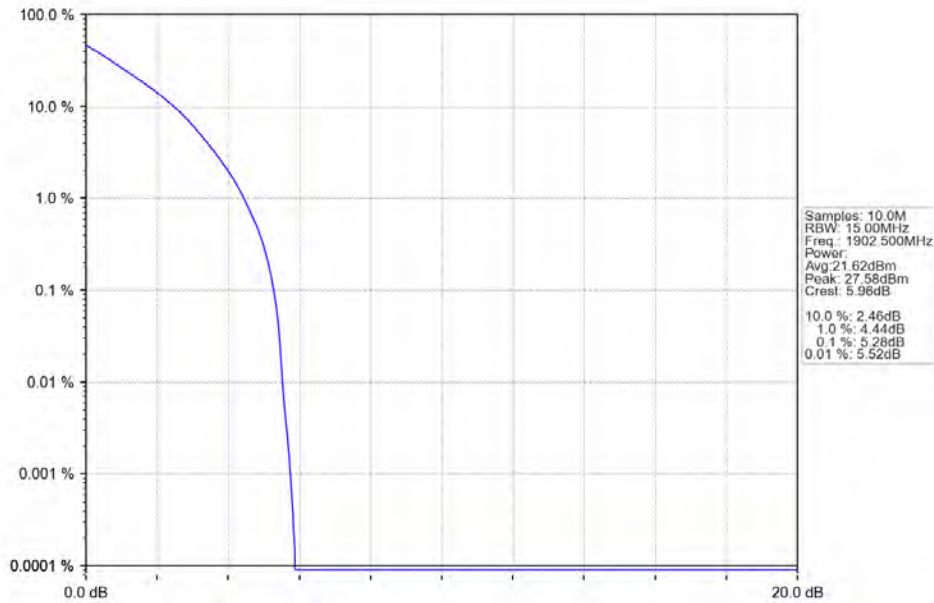
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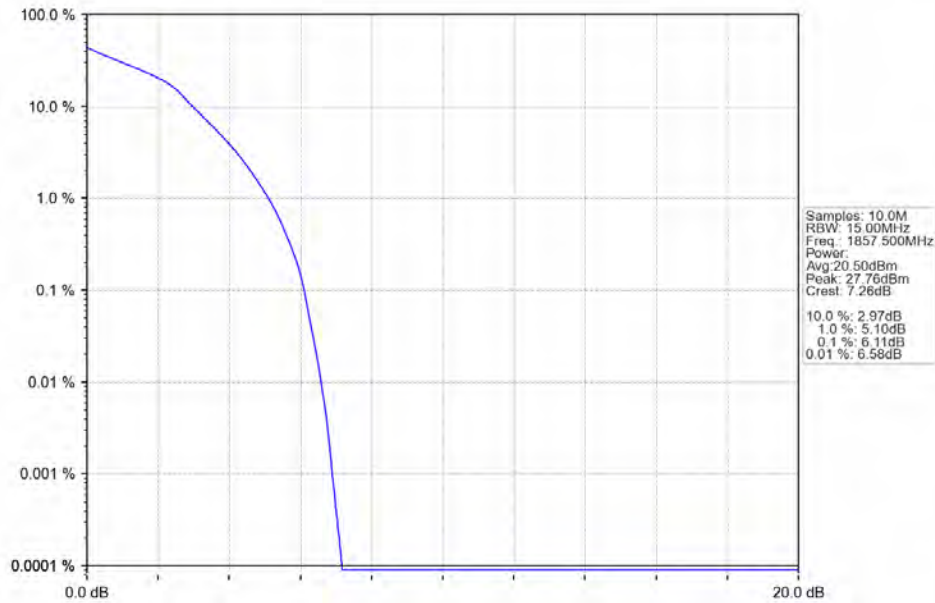
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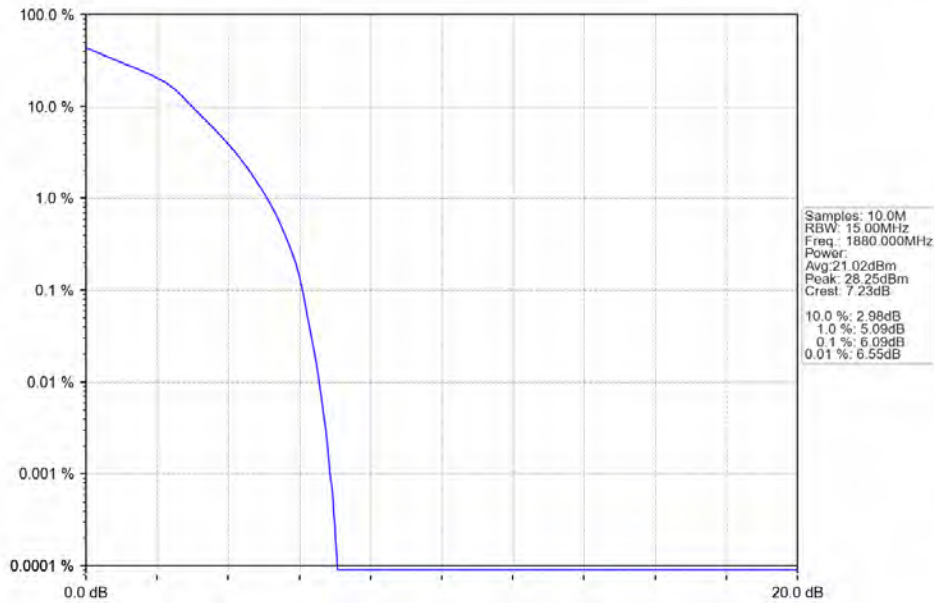
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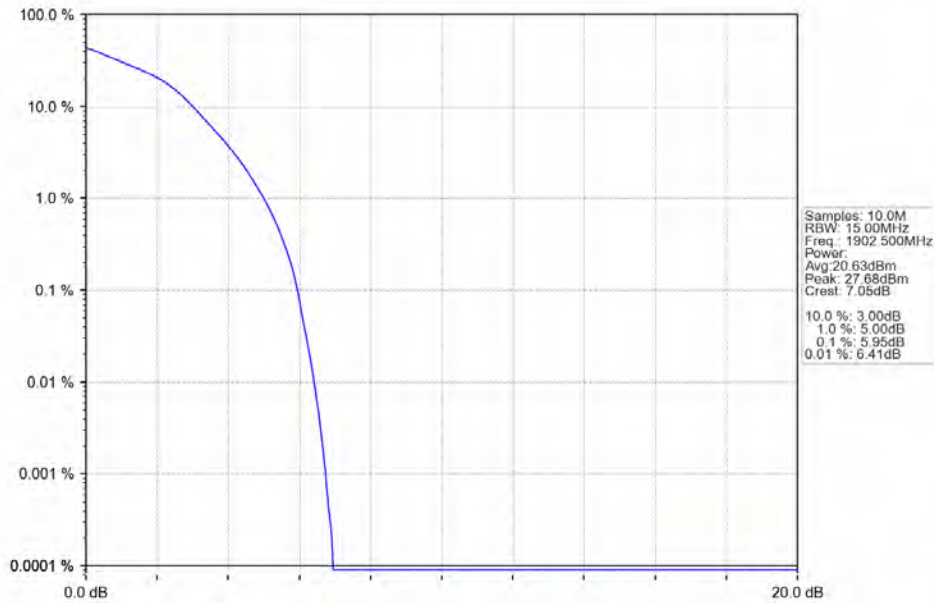
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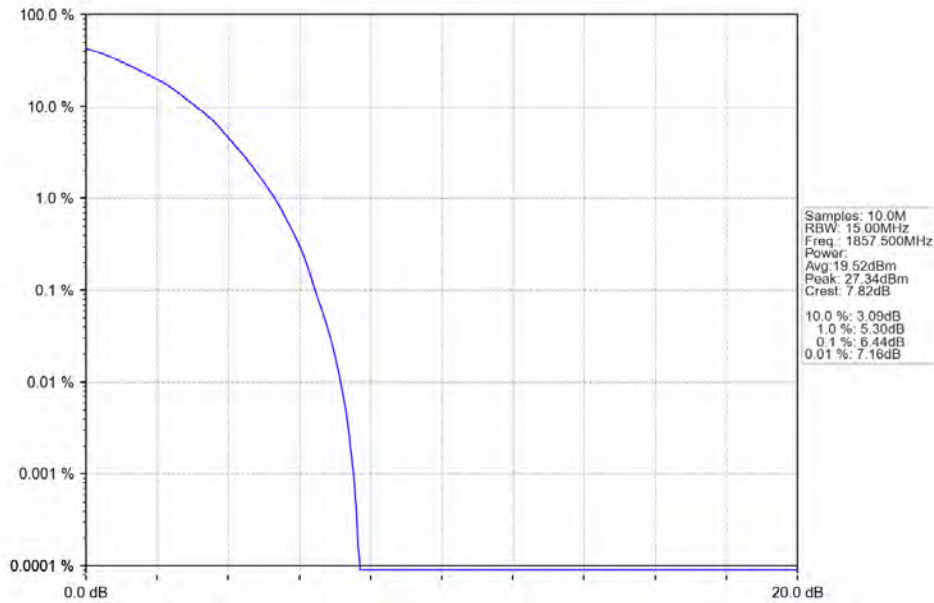
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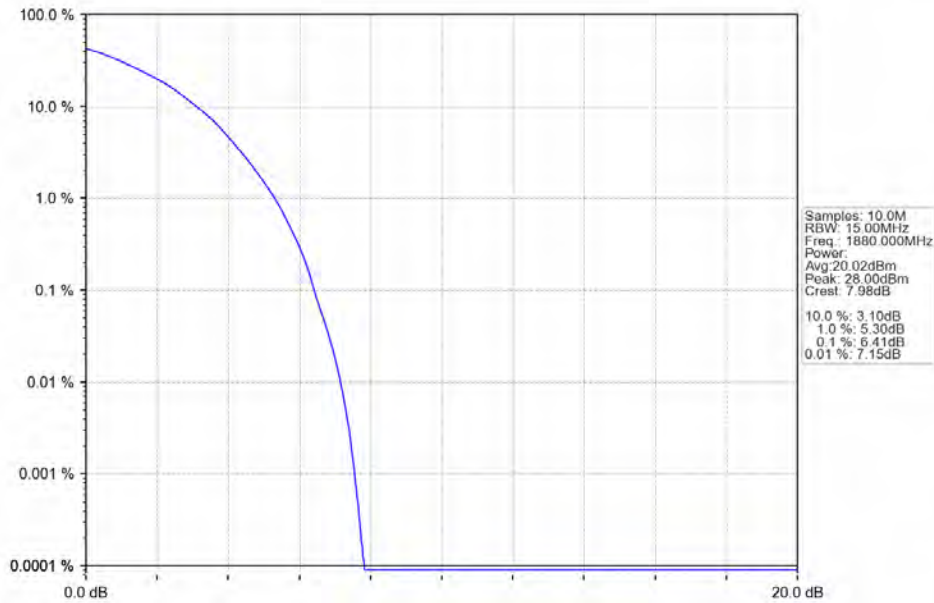
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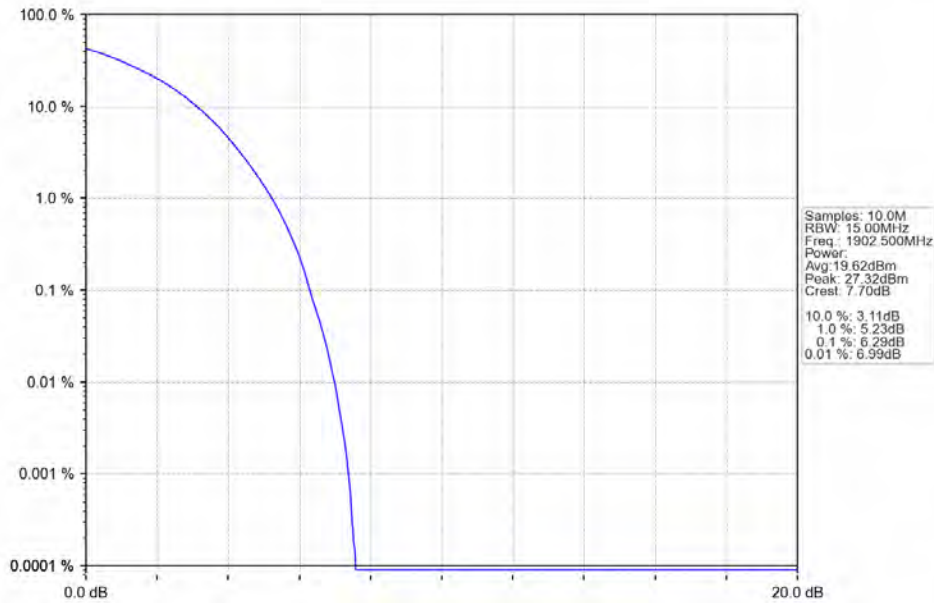
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4.6 B2_20MHz

4.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTNV						
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	5.21	<=13	Pass
	1900	100	0	5.20	<=13	Pass
16QAM	1860	100	0	6.05	<=13	Pass
	1880	100	0	6.03	<=13	Pass
	1900	100	0	6.02	<=13	Pass
64QAM	1860	100	0	6.44	<=13	Pass
	1880	100	0	6.40	<=13	Pass
	1900	100	0	6.41	<=13	Pass



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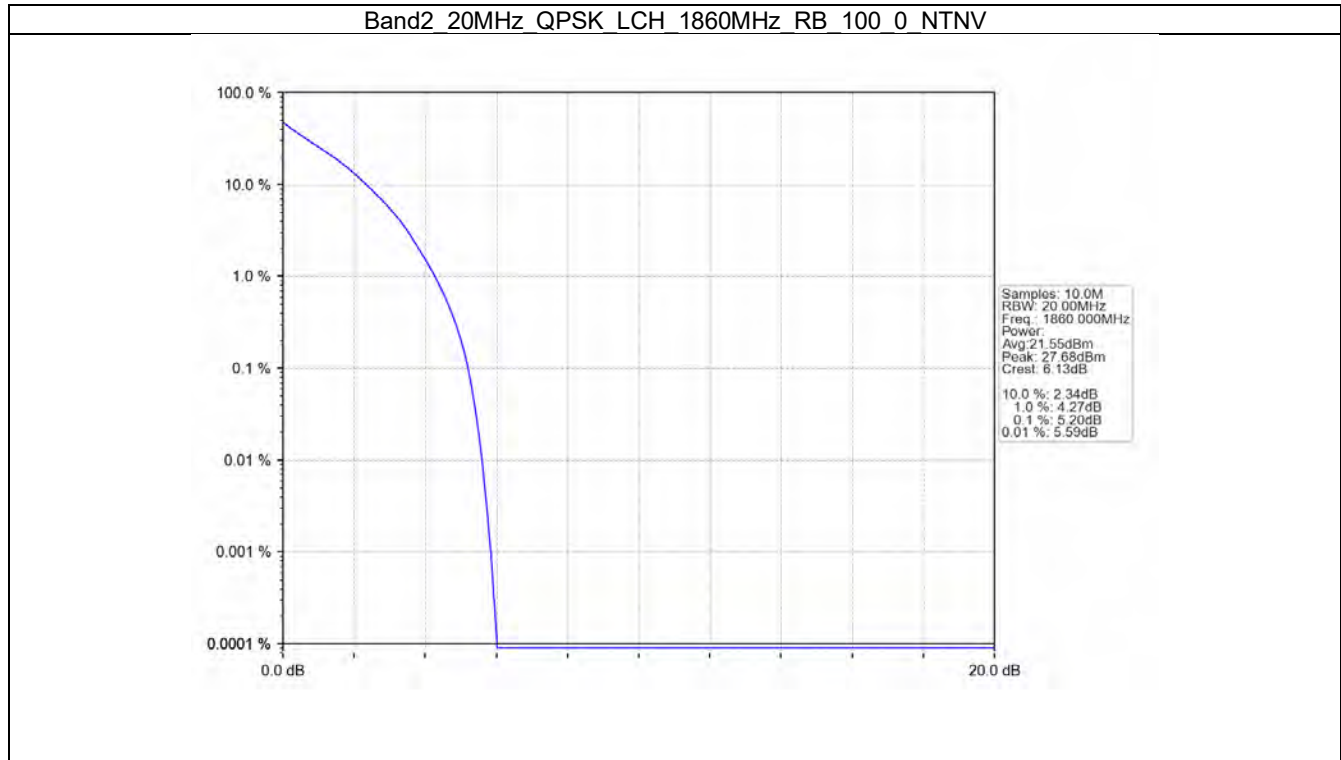
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4.6.2 Test Graph



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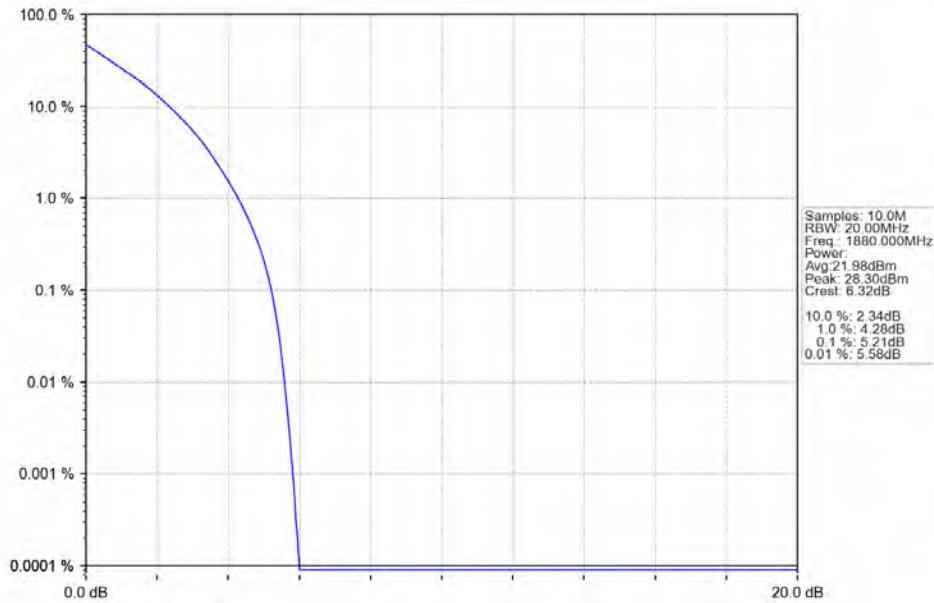
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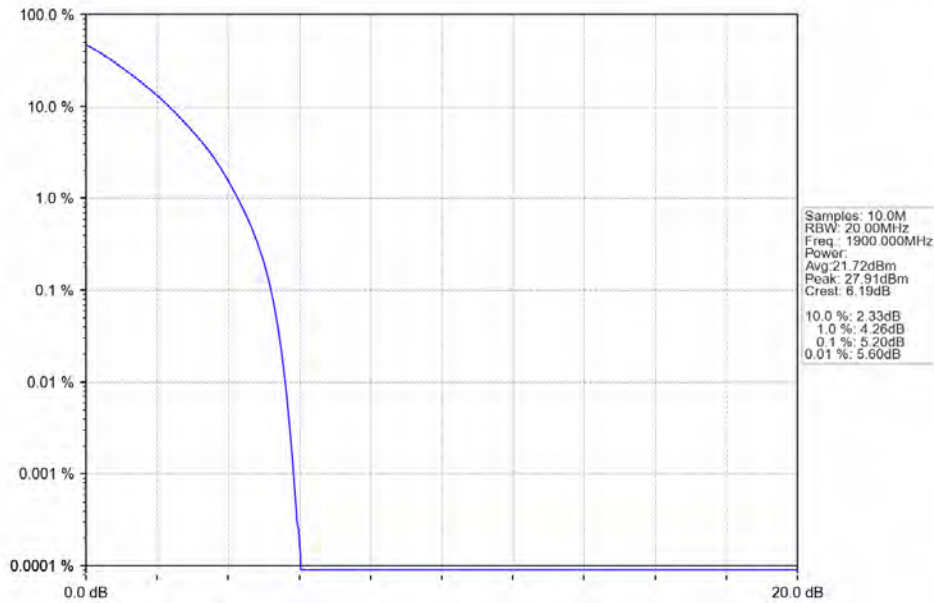
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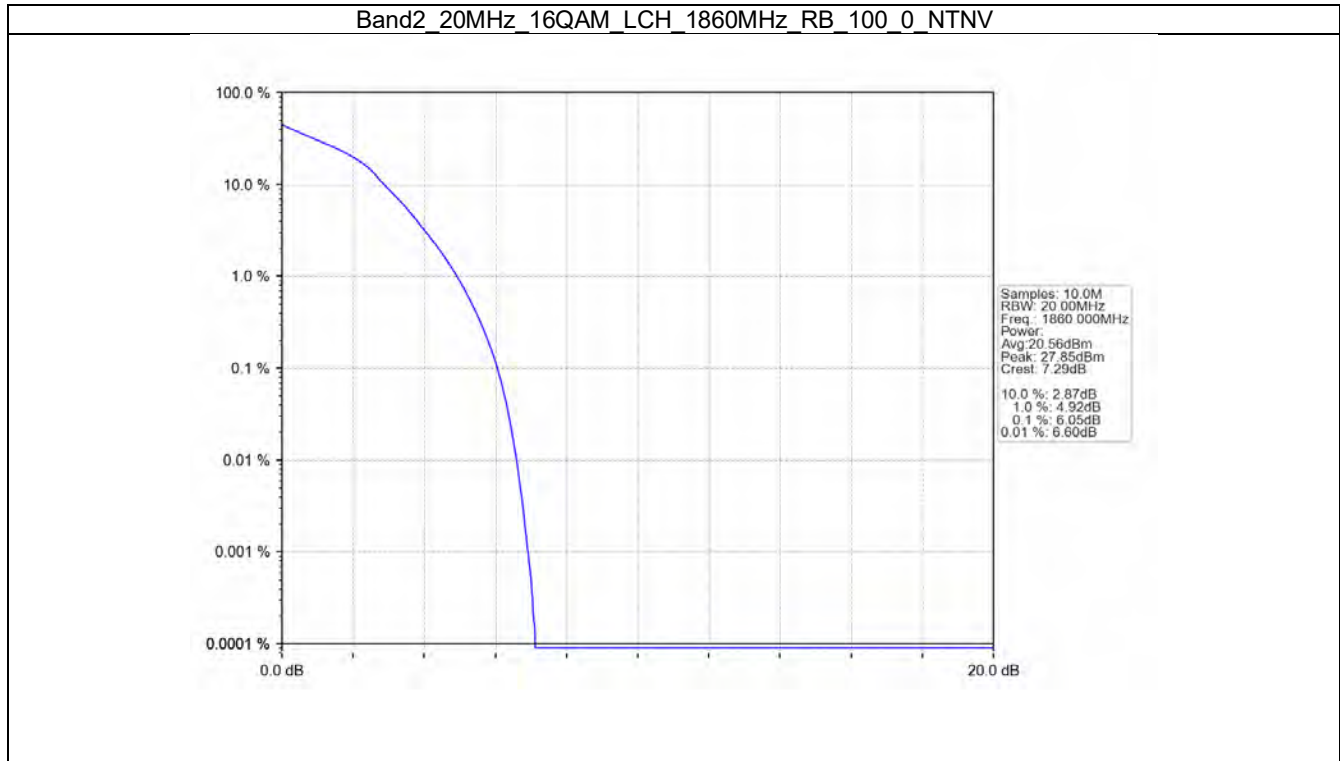


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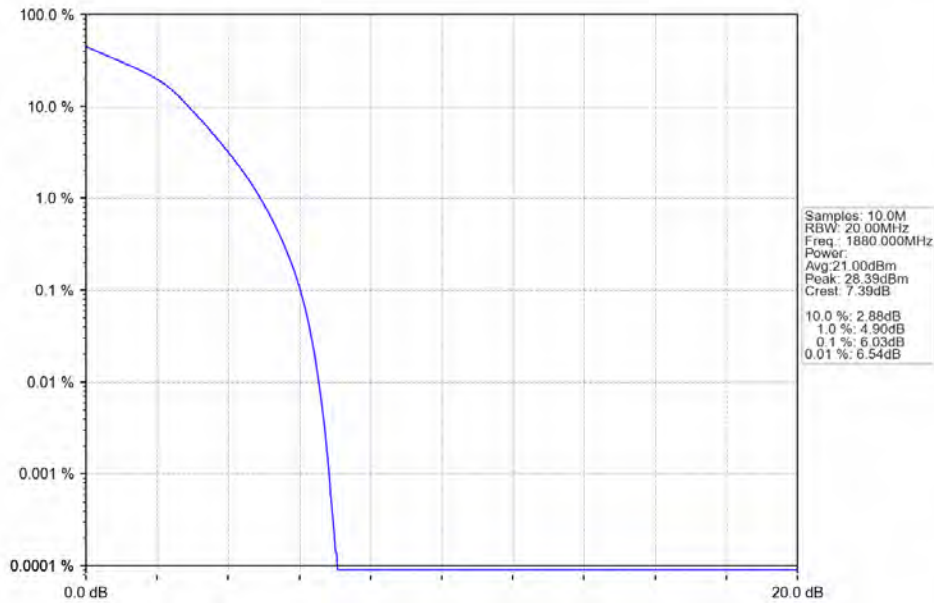
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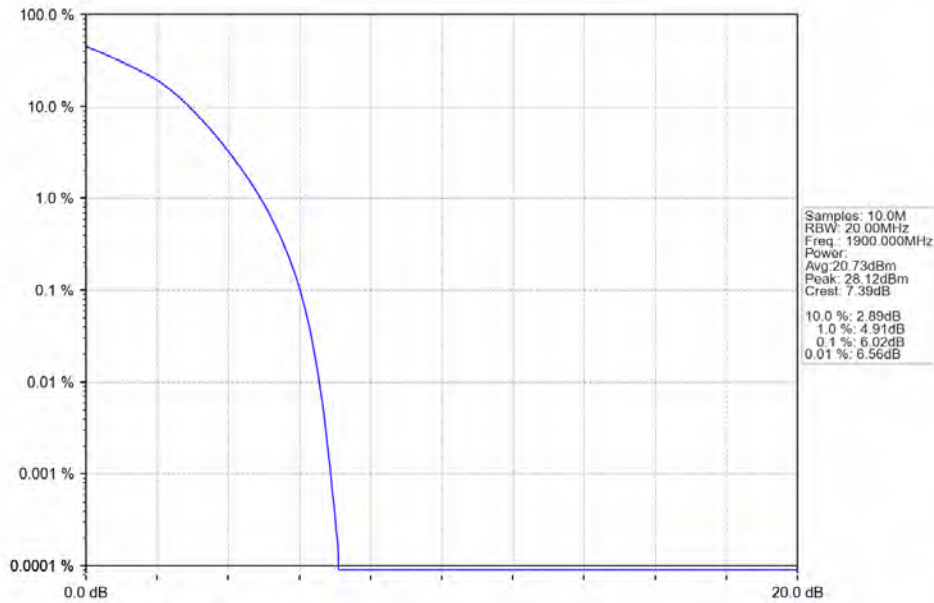
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Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



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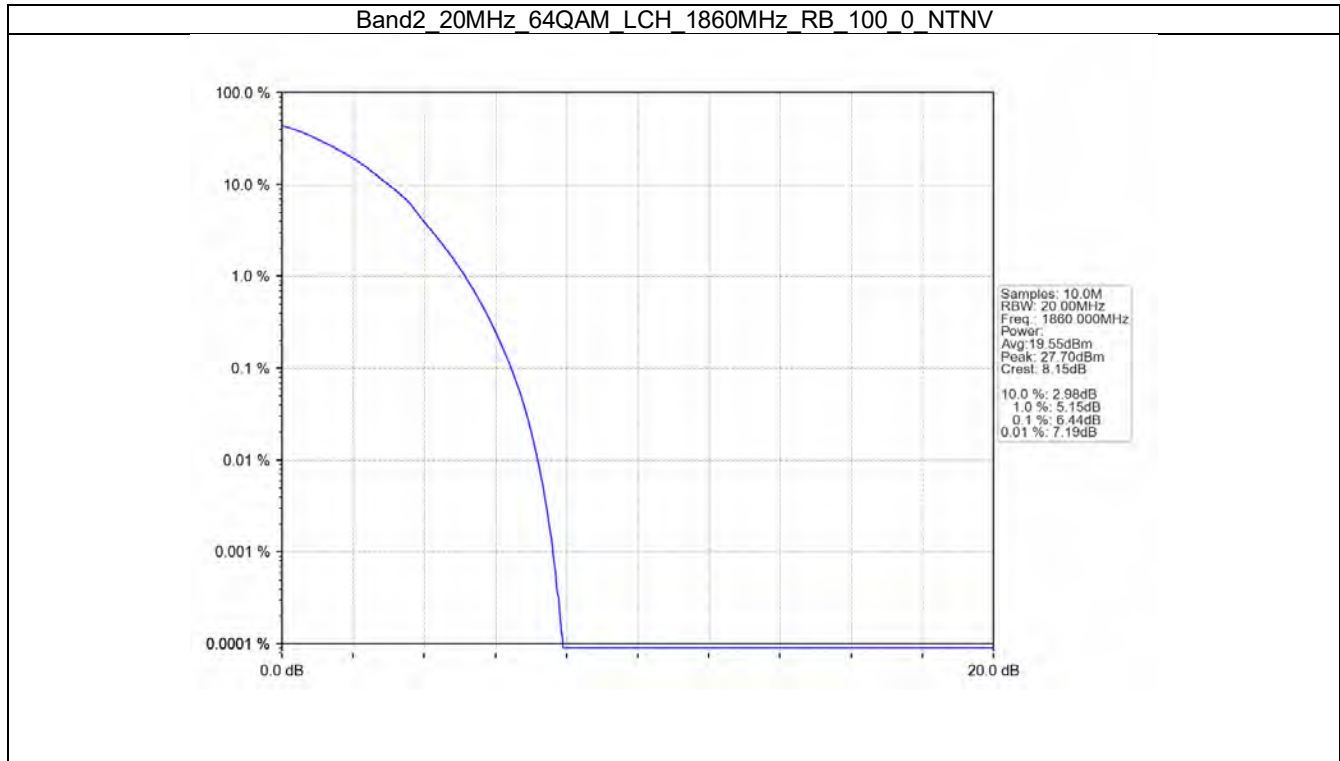


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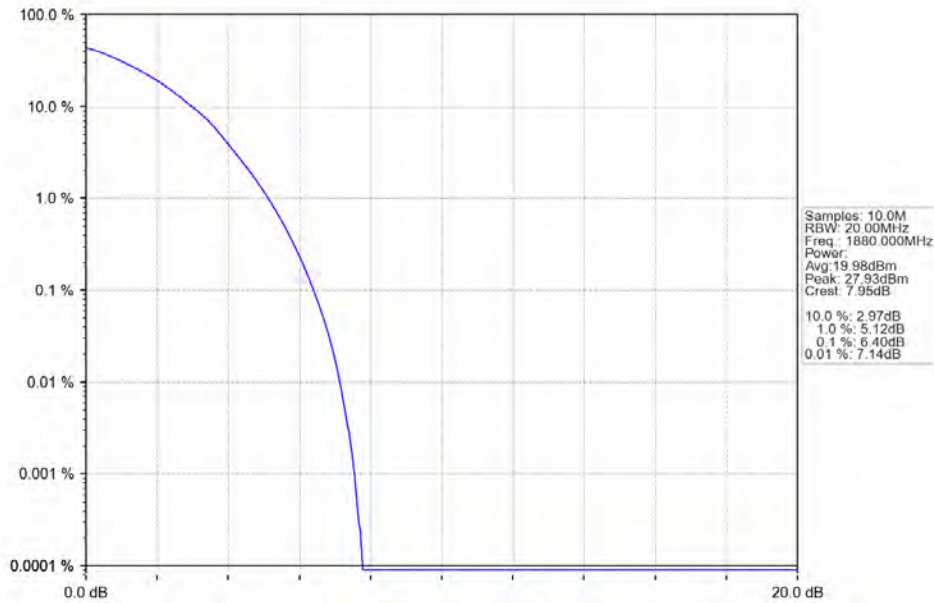
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Band2_20MHz_64QAM_MCH_1880MHz_RB_100_0_NTNV



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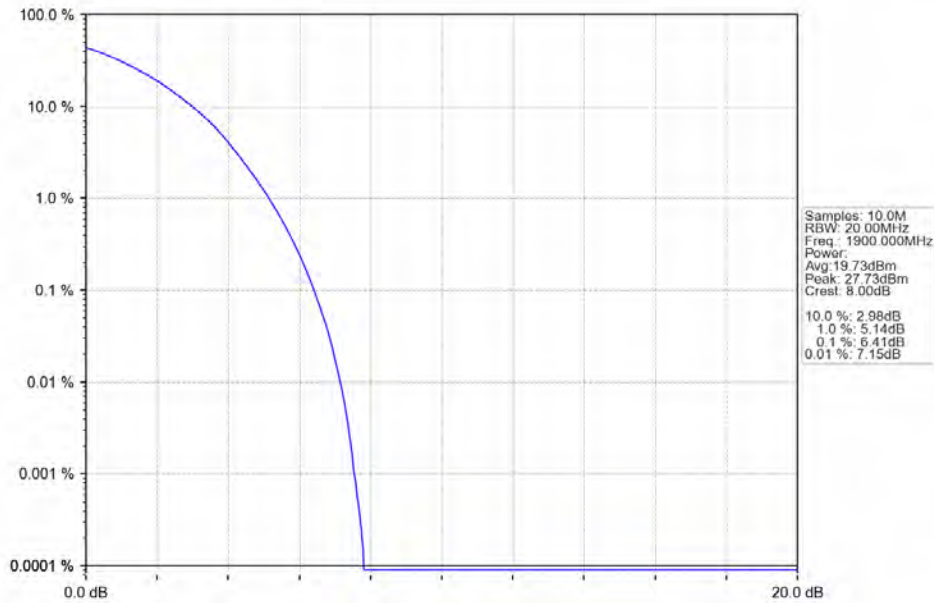
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5. Spurious Emission & Band Edges

5.1 B2_1.4MHz

5.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1909.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1909.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
64QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1909.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass



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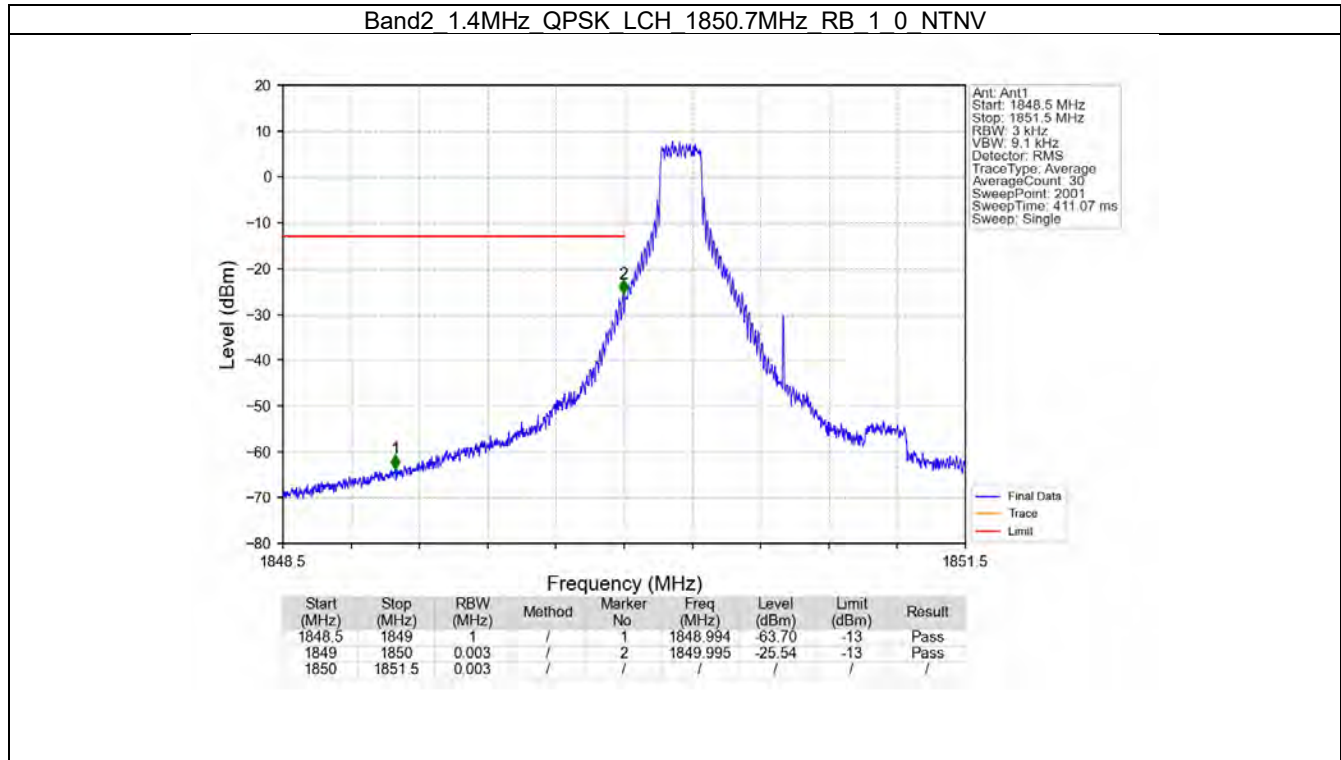
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5.1.2 Test Graph



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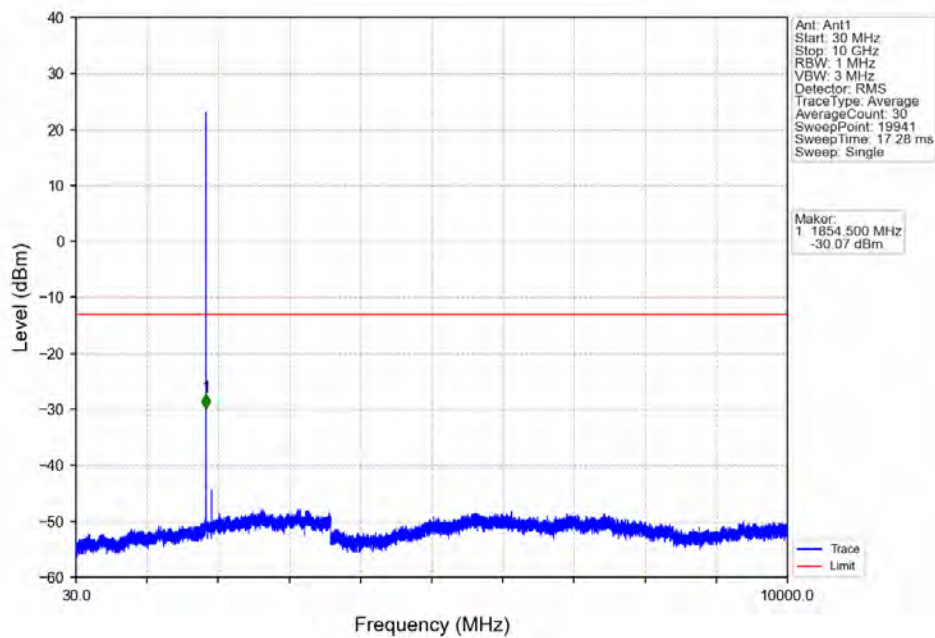
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Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



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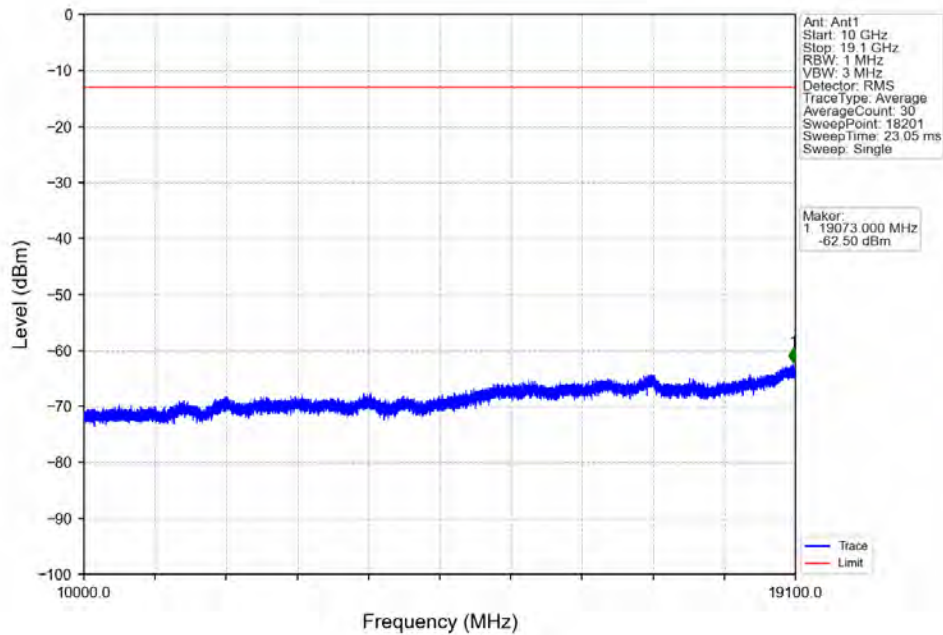
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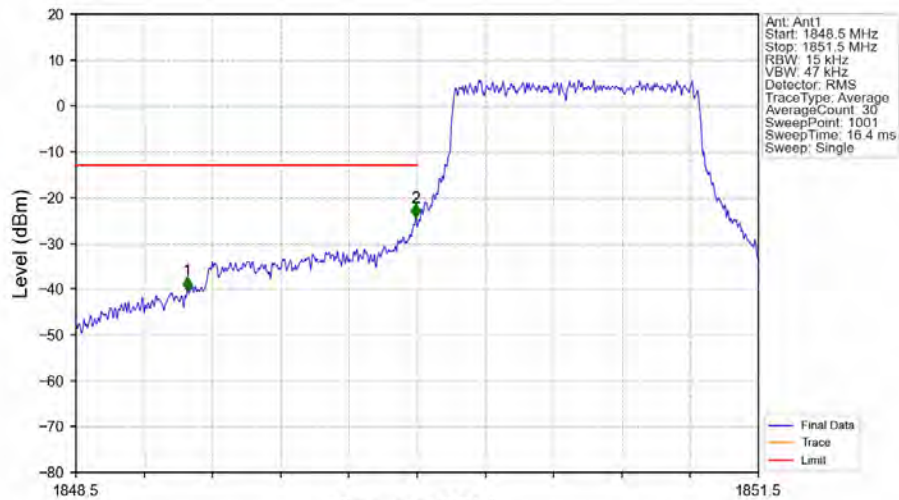
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Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.989	-40.42	-13	Pass
1849	1850	0.015	/	2	1849.994	-24.40	-13	Pass
1850	1851.5	0.015	/	/	/	/	/	/



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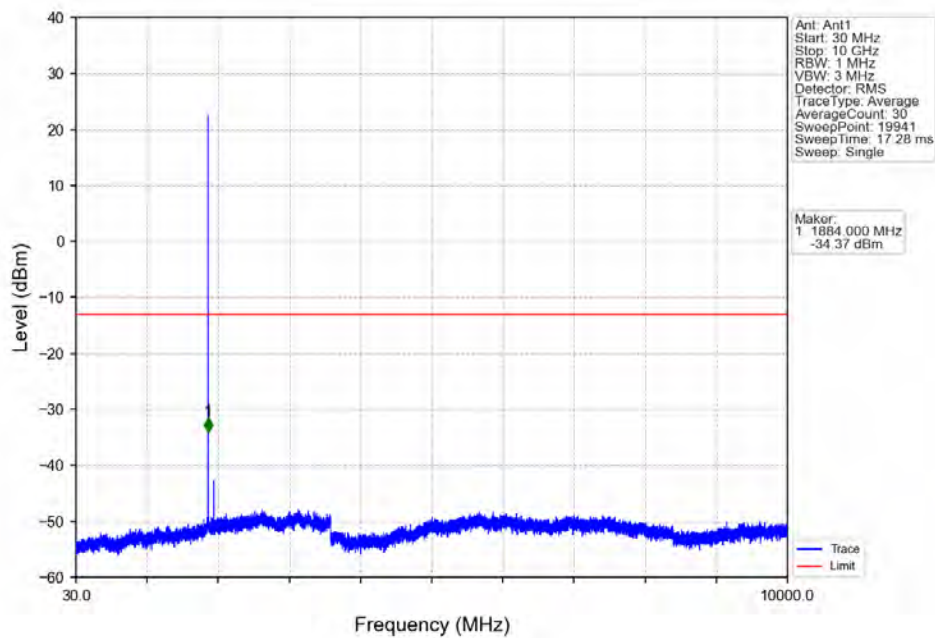
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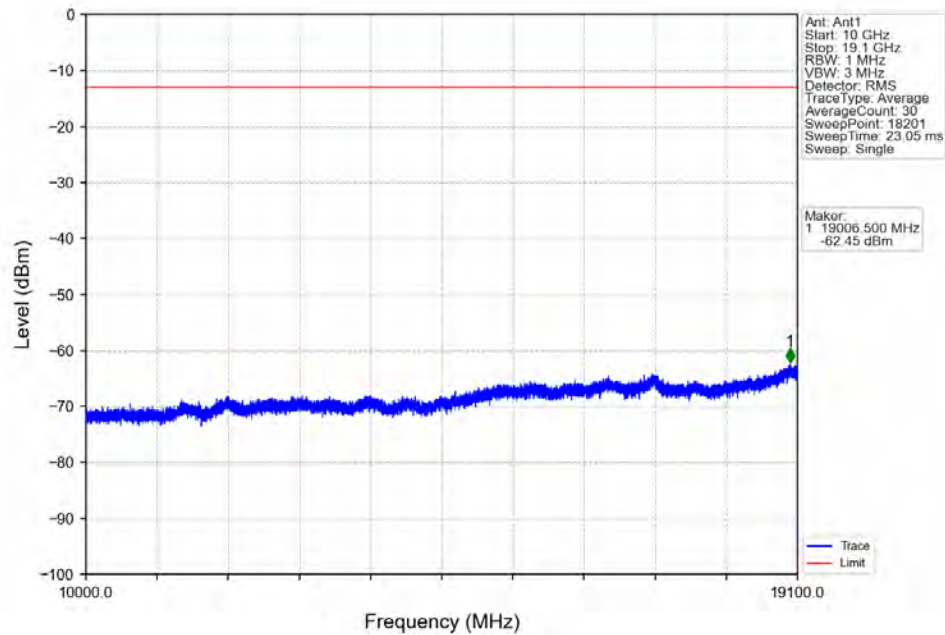
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