Appendix B.4

LTE Band 2

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1. Effective (Isotropic) Radiated Power Output Data

1.1 B2_1.4MHz_EIRPAnt0

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	1.96	25.54	<=33.00	Pass
			2	23.73	1.96	25.69	<=33.00	Pass
			5	23.55	1.96	25.51	<=33.00	Pass
		3	0	23.64	1.96	25.60	<=33.00	Pass
			2	23.64	1.96	25.60	<=33.00	Pass
			3	23.63	1.96	25.59	<=33.00	Pass
		6	0	22.66	1.96	24.62	<=33.00	Pass
	1880	1	0	23.60	1.96	25.56	<=33.00	Pass
			2	23.77	1.96	25.73	<=33.00	Pass
			5	23.59	1.96	25.55	<=33.00	Pass
		3	0	23.66	1.96	25.62	<=33.00	Pass
			2	23.70	1.96	25.66	<=33.00	Pass
			3	23.69	1.96	25.65	<=33.00	Pass
		6	0	22.64	1.96	24.60	<=33.00	Pass
	1909.3	1	0	23.37	1.96	25.33	<=33.00	Pass
			2	23.52	1.96	25.48	<=33.00	Pass
			5	23.36	1.96	25.32	<=33.00	Pass
		3	0	23.47	1.96	25.43	<=33.00	Pass
			2	23.50	1.96	25.46	<=33.00	Pass
			3	23.47	1.96	25.43	<=33.00	Pass
		6	0	22.40	1.96	24.36	<=33.00	Pass
16QAM	1850.7	1	0	22.83	1.96	24.79	<=33.00	Pass
			2	22.97	1.96	24.93	<=33.00	Pass
			5	22.83	1.96	24.79	<=33.00	Pass
		3	0	22.75	1.96	24.71	<=33.00	Pass
			2	22.73	1.96	24.69	<=33.00	Pass
			3	22.73	1.96	24.69	<=33.00	Pass
		6	0	21.71	1.96	23.67	<=33.00	Pass
	1880	1	0	22.65	1.96	24.61	<=33.00	Pass
			2	22.80	1.96	24.76	<=33.00	Pass
			5	22.67	1.96	24.63	<=33.00	Pass
		3	0	22.67	1.96	24.63	<=33.00	Pass
			2	22.69	1.96	24.65	<=33.00	Pass
			3	22.63	1.96	24.59	<=33.00	Pass
		6	0	21.70	1.96	23.66	<=33.00	Pass
	1909.3	1	0	22.55	1.96	24.51	<=33.00	Pass
			2	22.71	1.96	24.67	<=33.00	Pass
			5	22.54	1.96	24.50	<=33.00	Pass
		3	0	22.52	1.96	24.48	<=33.00	Pass

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			2	22.55	1.96	24.51	<=33.00	Pass
			3	22.49	1.96	24.45	<=33.00	Pass
		6	0	21.38	1.96	23.34	<=33.00	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

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	23.68	1.96	25.64	<=33.00	Pass
			7	23.72	1.96	25.68	<=33.00	Pass
			14	23.69	1.96	25.65	<=33.00	Pass
		8	0	22.68	1.96	24.64	<=33.00	Pass
			4	22.65	1.96	24.61	<=33.00	Pass
			7	22.64	1.96	24.60	<=33.00	Pass
		15	0	22.58	1.96	24.54	<=33.00	Pass
	1880	1	0	23.60	1.96	25.56	<=33.00	Pass
			7	23.65	1.96	25.61	<=33.00	Pass
			14	23.60	1.96	25.56	<=33.00	Pass
		8	0	22.63	1.96	24.59	<=33.00	Pass
			4	22.69	1.96	24.65	<=33.00	Pass
			7	22.62	1.96	24.58	<=33.00	Pass
		15	0	22.59	1.96	24.55	<=33.00	Pass
	1908.5	1	0	23.39	1.96	25.35	<=33.00	Pass
			7	23.43	1.96	25.39	<=33.00	Pass
			14	23.43	1.96	25.39	<=33.00	Pass
		8	0	22.48	1.96	24.44	<=33.00	Pass
			4	22.50	1.96	24.46	<=33.00	Pass
			7	22.46	1.96	24.42	<=33.00	Pass
		15	0	22.40	1.96	24.36	<=33.00	Pass
16QAM	1851.5	1	0	22.73	1.96	24.69	<=33.00	Pass
			7	22.71	1.96	24.67	<=33.00	Pass
			14	22.65	1.96	24.61	<=33.00	Pass
		8	0	21.87	1.96	23.83	<=33.00	Pass
			4	21.85	1.96	23.81	<=33.00	Pass
			7	21.82	1.96	23.78	<=33.00	Pass
		15	0	21.65	1.96	23.61	<=33.00	Pass
	1880	1	0	22.88	1.96	24.84	<=33.00	Pass
			7	22.83	1.96	24.79	<=33.00	Pass
			14	22.77	1.96	24.73	<=33.00	Pass
		8	0	21.67	1.96	23.63	<=33.00	Pass
			4	21.70	1.96	23.66	<=33.00	Pass
			7	21.64	1.96	23.60	<=33.00	Pass
		15	0	21.63	1.96	23.59	<=33.00	Pass

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	1908.5	1	0	22.57	1.96	24.53	<=33.00	Pass
			7	22.66	1.96	24.62	<=33.00	Pass
			14	22.63	1.96	24.59	<=33.00	Pass
		8	0	21.63	1.96	23.59	<=33.00	Pass
			4	21.68	1.96	23.64	<=33.00	Pass
			7	21.62	1.96	23.58	<=33.00	Pass
		15	0	21.46	1.96	23.42	<=33.00	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

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	23.55	1.96	25.51	<=33.00	Pass
			13	23.66	1.96	25.62	<=33.00	Pass
			24	23.51	1.96	25.47	<=33.00	Pass
		12	0	22.61	1.96	24.57	<=33.00	Pass
			6	22.63	1.96	24.59	<=33.00	Pass
			13	22.59	1.96	24.55	<=33.00	Pass
		25	0	22.63	1.96	24.59	<=33.00	Pass
	1880	1	0	23.59	1.96	25.55	<=33.00	Pass
			13	23.69	1.96	25.65	<=33.00	Pass
			24	23.56	1.96	25.52	<=33.00	Pass
		12	0	22.66	1.96	24.62	<=33.00	Pass
			6	22.69	1.96	24.65	<=33.00	Pass
			13	22.65	1.96	24.61	<=33.00	Pass
		25	0	22.66	1.96	24.62	<=33.00	Pass
	1907.5	1	0	23.33	1.96	25.29	<=33.00	Pass
			13	23.51	1.96	25.47	<=33.00	Pass
			24	23.39	1.96	25.35	<=33.00	Pass
		12	0	22.44	1.96	24.40	<=33.00	Pass
			6	22.51	1.96	24.47	<=33.00	Pass
			13	22.37	1.96	24.33	<=33.00	Pass
		25	0	22.44	1.96	24.40	<=33.00	Pass
16QAM	1852.5	1	0	22.75	1.96	24.71	<=33.00	Pass
			13	22.78	1.96	24.74	<=33.00	Pass
			24	22.72	1.96	24.68	<=33.00	Pass
		12	0	21.64	1.96	23.60	<=33.00	Pass
			6	21.75	1.96	23.71	<=33.00	Pass
			13	21.68	1.96	23.64	<=33.00	Pass
		25	0	21.68	1.96	23.64	<=33.00	Pass
	1880	1	0	22.78	1.96	24.74	<=33.00	Pass
			13	22.88	1.96	24.84	<=33.00	Pass
			24	22.73	1.96	24.69	<=33.00	Pass

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		12	0	21.63	1.96	23.59	<=33.00	Pass
			6	21.65	1.96	23.61	<=33.00	Pass
			13	21.58	1.96	23.54	<=33.00	Pass
		25	0	21.64	1.96	23.60	<=33.00	Pass
	1907.5	1	0	22.62	1.96	24.58	<=33.00	Pass
			13	22.78	1.96	24.74	<=33.00	Pass
			24	22.63	1.96	24.59	<=33.00	Pass
		12	0	21.35	1.96	23.31	<=33.00	Pass
			6	21.41	1.96	23.37	<=33.00	Pass
			13	21.36	1.96	23.32	<=33.00	Pass
		25	0	21.47	1.96	23.43	<=33.00	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B2_10MHz_EIRP

1.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	23.64	1.96	25.60	<=33.00	Pass
			25	23.77	1.96	25.73	<=33.00	Pass
			49	23.61	1.96	25.57	<=33.00	Pass
		25	0	22.67	1.96	24.63	<=33.00	Pass
			13	22.68	1.96	24.64	<=33.00	Pass
			25	22.65	1.96	24.61	<=33.00	Pass
		50	0	22.66	1.96	24.62	<=33.00	Pass
	1880	1	0	23.65	1.96	25.61	<=33.00	Pass
			25	23.80	1.96	25.76	<=33.00	Pass
			49	23.60	1.96	25.56	<=33.00	Pass
		25	0	22.70	1.96	24.66	<=33.00	Pass
			13	22.66	1.96	24.62	<=33.00	Pass
			25	22.62	1.96	24.58	<=33.00	Pass
		50	0	22.63	1.96	24.59	<=33.00	Pass
	1905	1	0	23.41	1.96	25.37	<=33.00	Pass
			25	23.49	1.96	25.45	<=33.00	Pass
			49	23.42	1.96	25.38	<=33.00	Pass
		25	0	22.51	1.96	24.47	<=33.00	Pass
			13	22.44	1.96	24.40	<=33.00	Pass
			25	22.45	1.96	24.41	<=33.00	Pass
		50	0	22.45	1.96	24.41	<=33.00	Pass
16QAM	1855	1	0	22.82	1.96	24.78	<=33.00	Pass
			25	22.93	1.96	24.89	<=33.00	Pass
			49	22.79	1.96	24.75	<=33.00	Pass
		25	0	21.75	1.96	23.71	<=33.00	Pass
			13	21.78	1.96	23.74	<=33.00	Pass
			25	21.74	1.96	23.70	<=33.00	Pass

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		50	0	21.69	1.96	23.65	<=33.00	Pass
	1880	1	0	22.75	1.96	24.71	<=33.00	Pass
			25	22.83	1.96	24.79	<=33.00	Pass
			49	22.60	1.96	24.56	<=33.00	Pass
		25	0	21.72	1.96	23.68	<=33.00	Pass
			13	21.70	1.96	23.66	<=33.00	Pass
			25	21.67	1.96	23.63	<=33.00	Pass
		50	0	21.65	1.96	23.61	<=33.00	Pass
	1905	1	0	22.64	1.96	24.60	<=33.00	Pass
			25	22.61	1.96	24.57	<=33.00	Pass
			49	22.55	1.96	24.51	<=33.00	Pass
		25	0	21.52	1.96	23.48	<=33.00	Pass
			13	21.47	1.96	23.43	<=33.00	Pass
			25	21.46	1.96	23.42	<=33.00	Pass
		50	0	21.43	1.96	23.39	<=33.00	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

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	23.58	1.96	25.54	<=33.00	Pass
			38	23.70	1.96	25.66	<=33.00	Pass
			74	23.57	1.96	25.53	<=33.00	Pass
		36	0	22.78	1.96	24.74	<=33.00	Pass
			18	22.74	1.96	24.70	<=33.00	Pass
			39	22.74	1.96	24.70	<=33.00	Pass
		75	0	22.75	1.96	24.71	<=33.00	Pass
	1880	1	0	23.72	1.96	25.68	<=33.00	Pass
			38	23.74	1.96	25.70	<=33.00	Pass
			74	23.53	1.96	25.49	<=33.00	Pass
		36	0	22.73	1.96	24.69	<=33.00	Pass
			18	22.76	1.96	24.72	<=33.00	Pass
			39	22.69	1.96	24.65	<=33.00	Pass
		75	0	22.75	1.96	24.71	<=33.00	Pass
	1902.5	1	0	23.44	1.96	25.40	<=33.00	Pass
			38	23.51	1.96	25.47	<=33.00	Pass
			74	23.37	1.96	25.33	<=33.00	Pass
		36	0	22.56	1.96	24.52	<=33.00	Pass
			18	22.56	1.96	24.52	<=33.00	Pass
			39	22.52	1.96	24.48	<=33.00	Pass
		75	0	22.54	1.96	24.50	<=33.00	Pass
16QAM	1857.5	1	0	22.82	1.96	24.78	<=33.00	Pass
			38	22.91	1.96	24.87	<=33.00	Pass

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			74	22.81	1.96	24.77	<=33.00	Pass
		36	0	21.75	1.96	23.71	<=33.00	Pass
			18	21.77	1.96	23.73	<=33.00	Pass
			39	21.73	1.96	23.69	<=33.00	Pass
		75	0	21.80	1.96	23.76	<=33.00	Pass
	1880	1	0	22.71	1.96	24.67	<=33.00	Pass
			38	22.80	1.96	24.76	<=33.00	Pass
			74	22.57	1.96	24.53	<=33.00	Pass
		36	0	21.70	1.96	23.66	<=33.00	Pass
			18	21.68	1.96	23.64	<=33.00	Pass
			39	21.59	1.96	23.55	<=33.00	Pass
		75	0	21.76	1.96	23.72	<=33.00	Pass
	1902.5	1	0	22.87	1.96	24.83	<=33.00	Pass
			38	22.96	1.96	24.92	<=33.00	Pass
			74	22.81	1.96	24.77	<=33.00	Pass
		36	0	21.50	1.96	23.46	<=33.00	Pass
			18	21.48	1.96	23.44	<=33.00	Pass
			39	21.44	1.96	23.40	<=33.00	Pass
		75	0	21.51	1.96	23.47	<=33.00	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.6 B2_20MHz_EIRP

1.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	23.60	1.96	25.56	<=33.00	Pass
			50	23.78	1.96	25.74	<=33.00	Pass
			99	23.57	1.96	25.53	<=33.00	Pass
		50	0	22.67	1.96	24.63	<=33.00	Pass
			25	22.69	1.96	24.65	<=33.00	Pass
			50	22.69	1.96	24.65	<=33.00	Pass
		100	0	22.64	1.96	24.60	<=33.00	Pass
	1880	1	0	23.51	1.96	25.47	<=33.00	Pass
			50	23.80	1.96	25.76	<=33.00	Pass
			99	23.34	1.96	25.30	<=33.00	Pass
		50	0	22.65	1.96	24.61	<=33.00	Pass
			25	22.60	1.96	24.56	<=33.00	Pass
			50	22.53	1.96	24.49	<=33.00	Pass
		100	0	22.58	1.96	24.54	<=33.00	Pass
	1900	1	0	23.46	1.96	25.42	<=33.00	Pass
			50	23.63	1.96	25.59	<=33.00	Pass
			99	23.33	1.96	25.29	<=33.00	Pass
		50	0	22.48	1.96	24.44	<=33.00	Pass
			25	22.48	1.96	24.44	<=33.00	Pass

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			50	22.37	1.96	24.33	<=33.00	Pass
		100	0	22.41	1.96	24.37	<=33.00	Pass
16QAM	1860	1	0	22.81	1.96	24.77	<=33.00	Pass
			50	23.07	1.96	25.03	<=33.00	Pass
			99	22.74	1.96	24.70	<=33.00	Pass
		50	0	21.75	1.96	23.71	<=33.00	Pass
			25	21.76	1.96	23.72	<=33.00	Pass
			50	21.70	1.96	23.66	<=33.00	Pass
		100	0	21.83	1.96	23.79	<=33.00	Pass
	1880	1	0	23.06	1.96	25.02	<=33.00	Pass
			50	23.19	1.96	25.15	<=33.00	Pass
			99	22.77	1.96	24.73	<=33.00	Pass
		50	0	21.64	1.96	23.60	<=33.00	Pass
			25	21.66	1.96	23.62	<=33.00	Pass
			50	21.57	1.96	23.53	<=33.00	Pass
		100	0	21.62	1.96	23.58	<=33.00	Pass
	1900	1	0	22.67	1.96	24.63	<=33.00	Pass
			50	22.85	1.96	24.81	<=33.00	Pass
			99	22.52	1.96	24.48	<=33.00	Pass
		50	0	21.51	1.96	23.47	<=33.00	Pass
			25	21.49	1.96	23.45	<=33.00	Pass
			50	21.38	1.96	23.34	<=33.00	Pass
		100	0	21.48	1.96	23.44	<=33.00	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

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	8	-5.920	-0.0032	/	Pass
					12	-6.242	-0.0034	/	Pass
					16	-5.109	-0.0027	/	Pass
				-30	12	-2.819	-0.0015	/	Pass
				-20	12	1.404	0.0008	/	Pass
				-10	12	-1.128	-0.0006	/	Pass
				0	12	-7.375	-0.0040	/	Pass
				10	12	-8.630	-0.0046	/	Pass
				30	12	-6.128	-0.0033	/	Pass
				40	12	-10.111	-0.0054	/	Pass
				50	12	1.235	0.0007	/	Pass
	1880	100	0	20	8	-6.777	-0.0036	/	Pass
					12	-9.975	-0.0053	/	Pass

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					16	-6.316	-0.0034	/	Pass
				-30	12	-8.209	-0.0044	/	Pass
				-20	12	-6.822	-0.0036	/	Pass
				-10	12	-10.510	-0.0056	/	Pass
				0	12	-10.757	-0.0057	/	Pass
				10	12	-10.795	-0.0057	/	Pass
				30	12	-7.202	-0.0038	/	Pass
				40	12	-12.242	-0.0065	/	Pass
				50	12	-11.374	-0.0061	/	Pass
	1900	100	0	20	8	-9.070	-0.0048	/	Pass
					12	-7.020	-0.0037	/	Pass
					16	-9.570	-0.0050	/	Pass
				-30	12	-11.942	-0.0063	/	Pass
				-20	12	-9.129	-0.0048	/	Pass
				-10	12	-8.229	-0.0043	/	Pass
				0	12	-8.811	-0.0046	/	Pass
				10	12	-9.185	-0.0048	/	Pass
				30	12	-8.033	-0.0042	/	Pass
				40	12	-8.467	-0.0045	/	Pass
				50	12	-8.925	-0.0047	/	Pass
16QAM	1860	100	0	20	8	-5.545	-0.0030	/	Pass
					12	-3.898	-0.0021	/	Pass
					16	-2.747	-0.0015	/	Pass
				-30	12	-4.534	-0.0024	/	Pass
				-20	12	-4.367	-0.0023	/	Pass
				-10	12	-4.865	-0.0026	/	Pass
				0	12	-4.285	-0.0023	/	Pass
				10	12	-1.793	-0.0010	/	Pass
				30	12	-5.724	-0.0031	/	Pass
				40	12	-5.599	-0.0030	/	Pass
				50	12	-3.446	-0.0019	/	Pass
	1880	100	0	20	8	-11.064	-0.0059	/	Pass
					12	-10.483	-0.0056	/	Pass
					16	-7.579	-0.0040	/	Pass
				-30	12	-8.979	-0.0048	/	Pass
				-20	12	-7.616	-0.0041	/	Pass
				-10	12	-8.395	-0.0045	/	Pass
				0	12	-5.270	-0.0028	/	Pass
				10	12	-11.271	-0.0060	/	Pass
				30	12	-11.246	-0.0060	/	Pass
				40	12	-10.925	-0.0058	/	Pass
				50	12	-9.349	-0.0050	/	Pass
	1900	100	0	20	8	-1.754	-0.0009	/	Pass
					12	-6.637	-0.0035	/	Pass
					16	-4.198	-0.0022	/	Pass
				-30	12	-1.739	-0.0009	/	Pass
				-20	12	-6.726	-0.0035	/	Pass
				-10	12	-3.956	-0.0021	/	Pass
				0	12	-6.780	-0.0036	/	Pass

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				10	12	-3.369	-0.0018	/	Pass
				30	12	-8.511	-0.0045	/	Pass
				40	12	-8.331	-0.0044	/	Pass
				50	12	-4.678	-0.0025	/	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	1.108	/	Pass
		1880	6	0	1.117	/	Pass
		1909.3	6	0	1.111	/	Pass
	16QAM	1850.7	6	0	1.104	/	Pass
		1880	6	0	1.107	/	Pass
		1909.3	6	0	1.117	/	Pass
3	QPSK	1851.5	15	0	2.725	/	Pass
		1880	15	0	2.718	/	Pass
		1908.5	15	0	2.725	/	Pass
	16QAM	1851.5	15	0	2.716	/	Pass
		1880	15	0	2.718	/	Pass
		1908.5	15	0	2.717	/	Pass
5	QPSK	1852.5	25	0	4.585	/	Pass
		1880	25	0	4.562	/	Pass
		1907.5	25	0	4.575	/	Pass
	16QAM	1852.5	25	0	4.565	/	Pass
		1880	25	0	4.577	/	Pass
		1907.5	25	0	4.582	/	Pass
10	QPSK	1855	50	0	9.087	/	Pass
		1880	50	0	9.056	/	Pass
		1905	50	0	9.083	/	Pass
	16QAM	1855	50	0	9.050	/	Pass
		1880	50	0	9.057	/	Pass
		1905	50	0	9.088	/	Pass
15	QPSK	1857.5	75	0	13.590	/	Pass
		1880	75	0	13.572	/	Pass
		1902.5	75	0	13.582	/	Pass
	16QAM	1857.5	75	0	13.585	/	Pass
		1880	75	0	13.625	/	Pass
		1902.5	75	0	13.643	/	Pass
20	QPSK	1860	100	0	18.128	/	Pass
		1880	100	0	18.065	/	Pass
		1900	100	0	18.070	/	Pass
	16QAM	1860	100	0	18.181	/	Pass
		1880	100	0	18.073	/	Pass
		1900	100	0	18.102	/	Pass

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2. Frequency Stability

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	3.27	-5.920	-0.0032	-2.5 to 2.5	Pass
					3.85	-6.242	-0.0034	-2.5 to 2.5	Pass
					4.43	-5.109	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-2.819	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	1.404	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-1.128	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-7.375	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-8.630	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-6.128	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-10.111	-0.0054	-2.5 to 2.5	Pass
				50	3.85	1.235	0.0007	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-6.777	-0.0036	-2.5 to 2.5	Pass
					3.85	-9.975	-0.0053	-2.5 to 2.5	Pass
					4.43	-6.316	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-8.209	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-6.822	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-10.510	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-10.757	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-10.795	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-7.202	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-12.242	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-11.374	-0.0061	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-9.070	-0.0048	-2.5 to 2.5	Pass
					3.85	-7.020	-0.0037	-2.5 to 2.5	Pass
					4.43	-9.570	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-11.942	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-9.129	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-8.229	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-8.811	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-9.185	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-8.033	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-8.467	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-8.925	-0.0047	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-5.545	-0.0030	-2.5 to 2.5	Pass
					3.85	-3.898	-0.0021	-2.5 to 2.5	Pass
					4.43	-2.747	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-4.534	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-4.367	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-4.865	-0.0026	-2.5 to 2.5	Pass

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				0	3.85	-4.285	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-1.793	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-5.724	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-5.599	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-3.446	-0.0019	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-11.064	-0.0059	-2.5 to 2.5	Pass
					3.85	-10.483	-0.0056	-2.5 to 2.5	Pass
					4.43	-7.579	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-8.979	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-7.616	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-8.395	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-5.270	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-11.271	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-11.246	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-10.925	-0.0058	-2.5 to 2.5	Pass
				50	3.85	-9.349	-0.0050	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-1.754	-0.0009	-2.5 to 2.5	Pass
					3.85	-6.637	-0.0035	-2.5 to 2.5	Pass
					4.43	-4.198	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-1.739	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-6.726	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-3.956	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-6.780	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-3.369	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-8.511	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-8.331	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-4.678	-0.0025	-2.5 to 2.5	Pass

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	1.108	/	Pass
		1880	6	0	1.117	/	Pass
		1909.3	6	0	1.111	/	Pass
	16QAM	1850.7	6	0	1.104	/	Pass
		1880	6	0	1.107	/	Pass
		1909.3	6	0	1.117	/	Pass
3	QPSK	1851.5	15	0	2.725	/	Pass
		1880	15	0	2.718	/	Pass
		1908.5	15	0	2.725	/	Pass

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	16QAM	1851.5	15	0	2.716	/	Pass
		1880	15	0	2.718	/	Pass
		1908.5	15	0	2.717	/	Pass
5	QPSK	1852.5	25	0	4.585	/	Pass
		1880	25	0	4.562	/	Pass
		1907.5	25	0	4.575	/	Pass
	16QAM	1852.5	25	0	4.565	/	Pass
		1880	25	0	4.577	/	Pass
		1907.5	25	0	4.582	/	Pass
10	QPSK	1855	50	0	9.087	/	Pass
		1880	50	0	9.056	/	Pass
		1905	50	0	9.083	/	Pass
	16QAM	1855	50	0	9.050	/	Pass
		1880	50	0	9.057	/	Pass
		1905	50	0	9.088	/	Pass
15	QPSK	1857.5	75	0	13.590	/	Pass
		1880	75	0	13.572	/	Pass
		1902.5	75	0	13.582	/	Pass
	16QAM	1857.5	75	0	13.585	/	Pass
		1880	75	0	13.625	/	Pass
		1902.5	75	0	13.643	/	Pass
20	QPSK	1860	100	0	18.128	/	Pass
		1880	100	0	18.065	/	Pass
		1900	100	0	18.070	/	Pass
	16QAM	1860	100	0	18.181	/	Pass
		1880	100	0	18.073	/	Pass
		1900	100	0	18.102	/	Pass

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3.1.2 Test Graph

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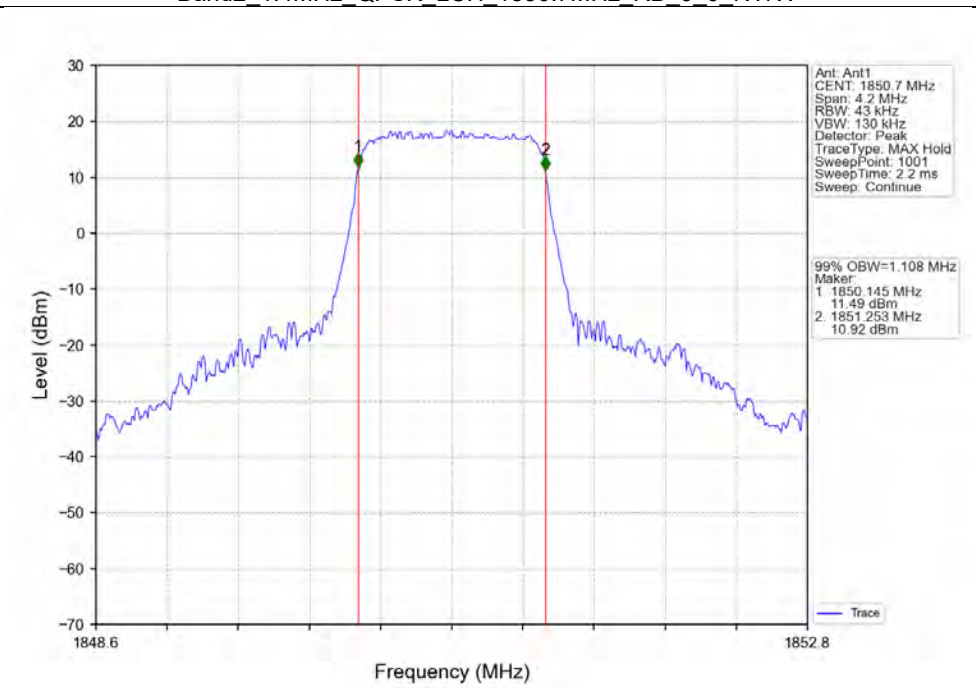

Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV

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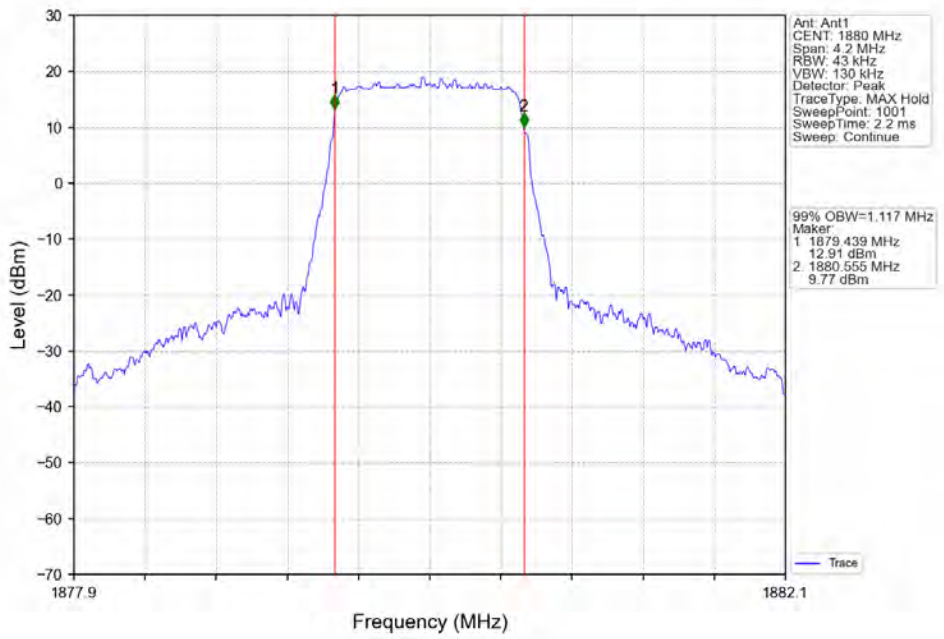

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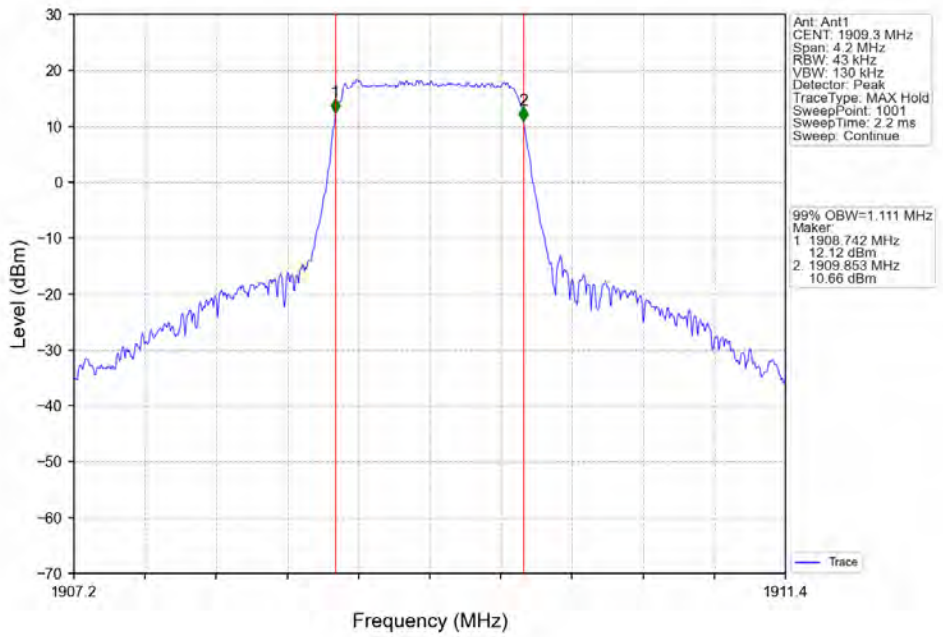

Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

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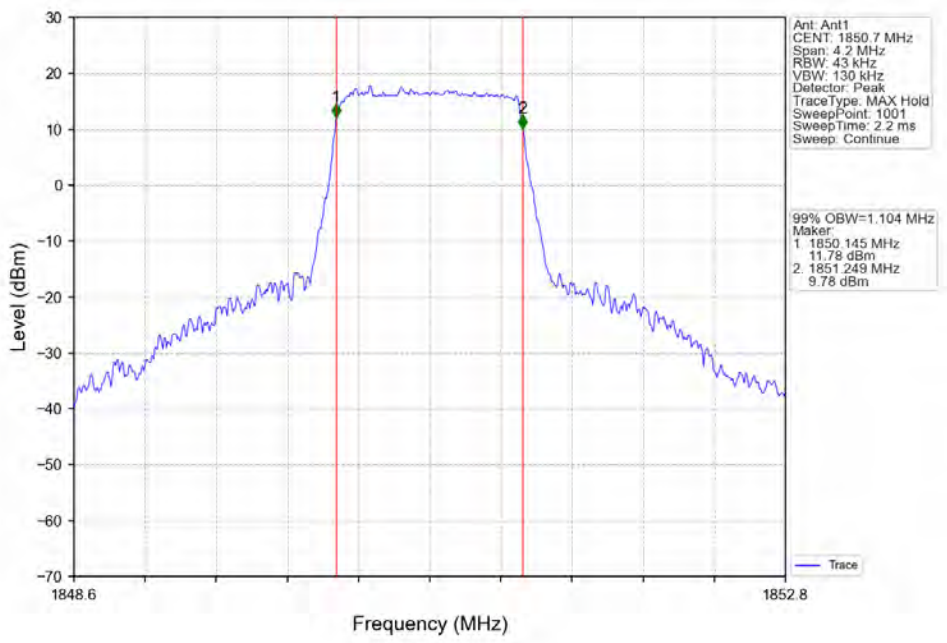

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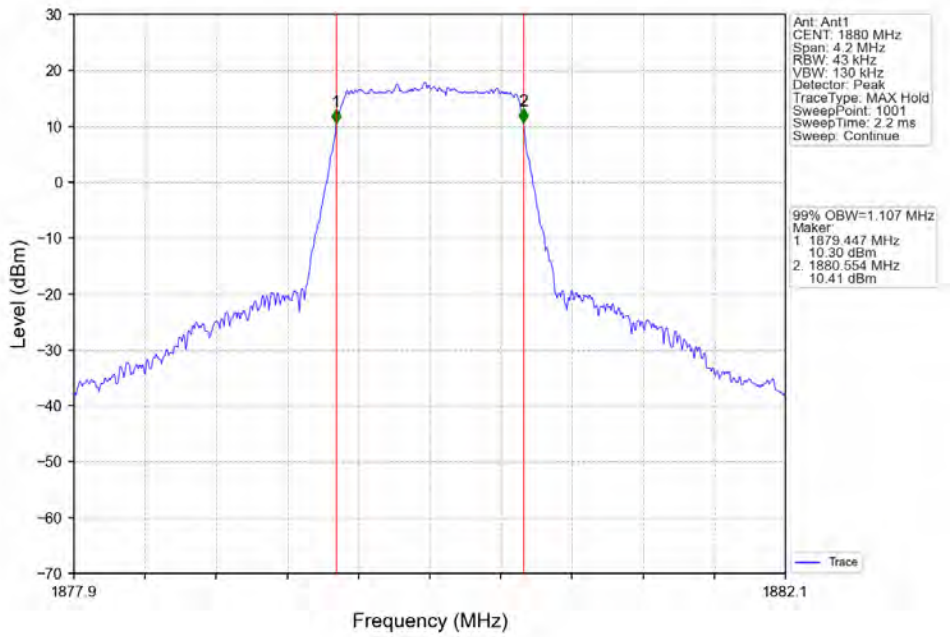

Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV

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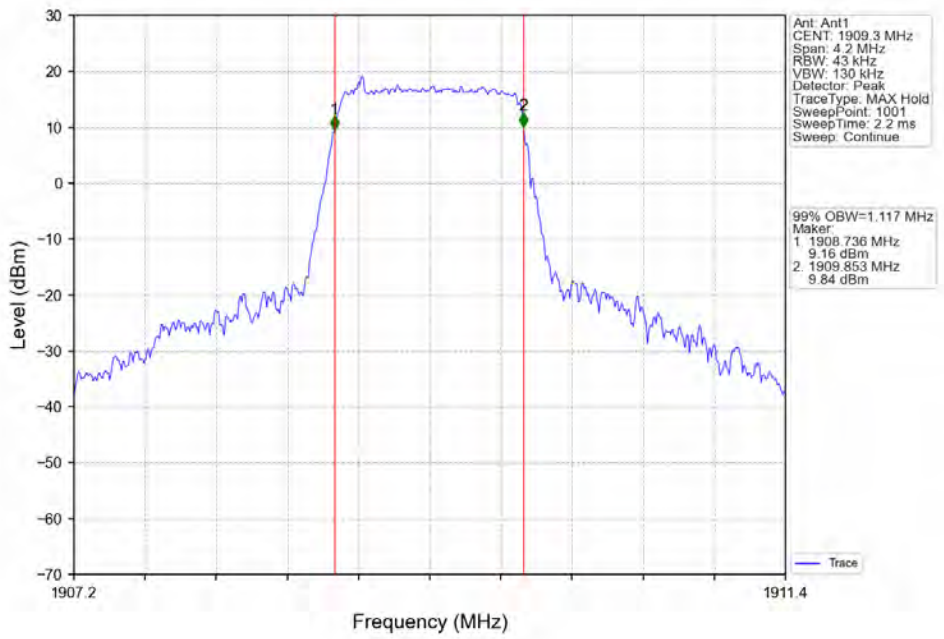

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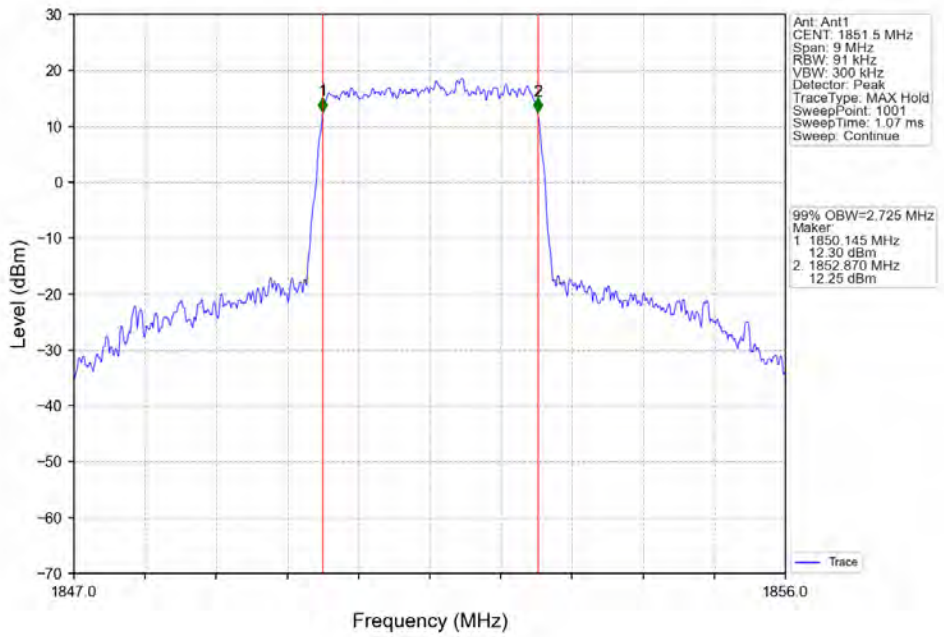

Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV

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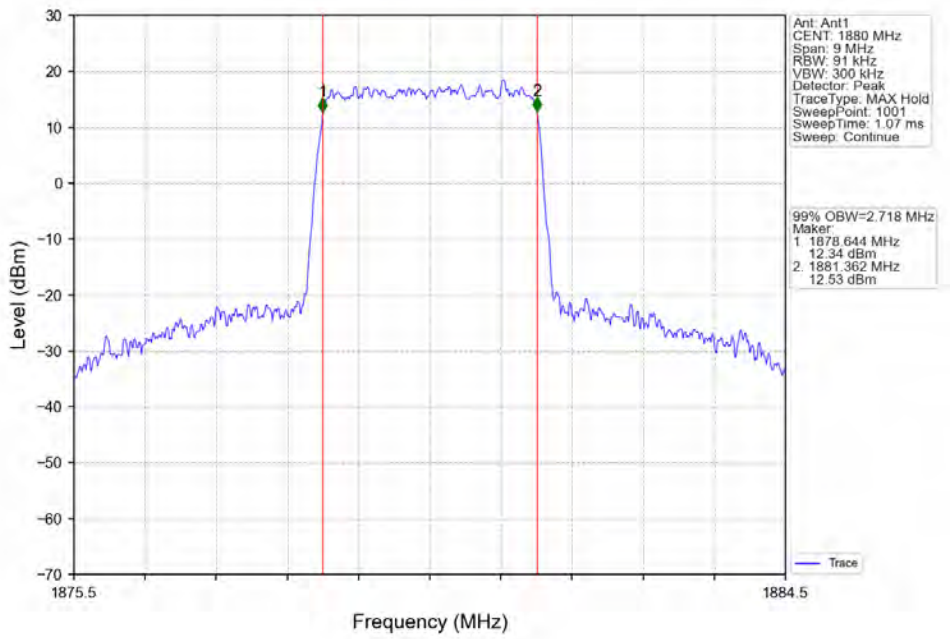

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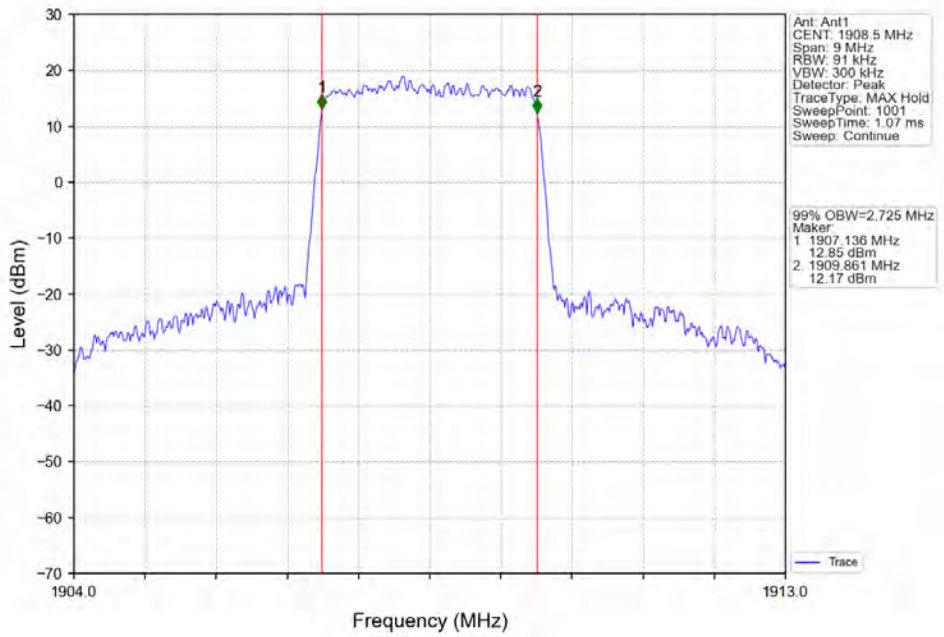
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

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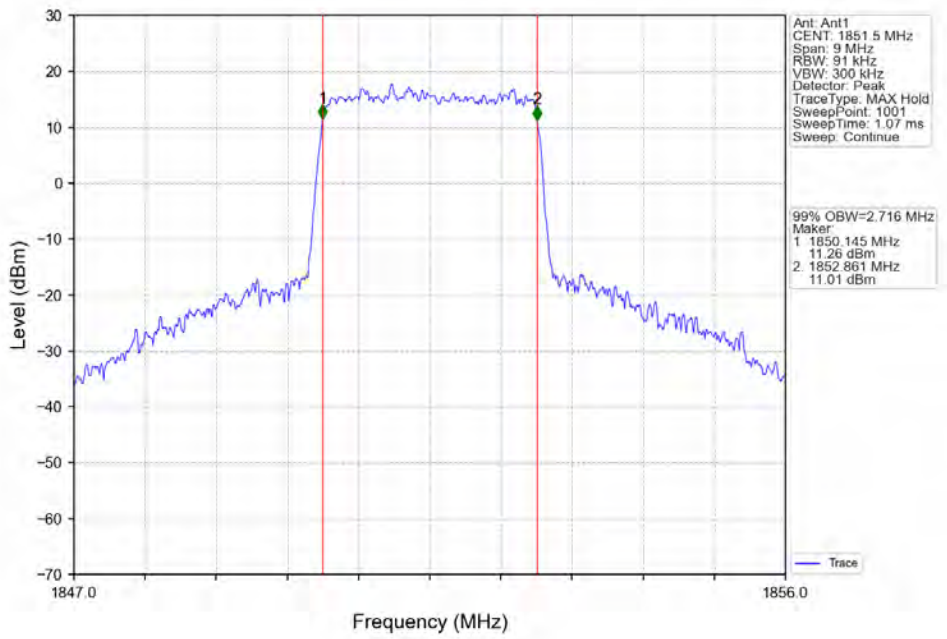

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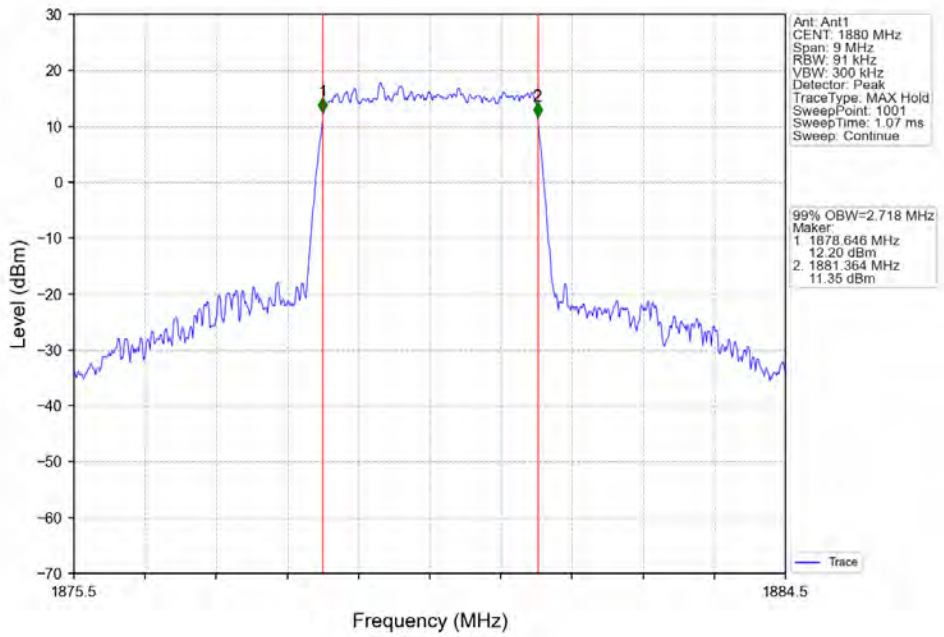
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



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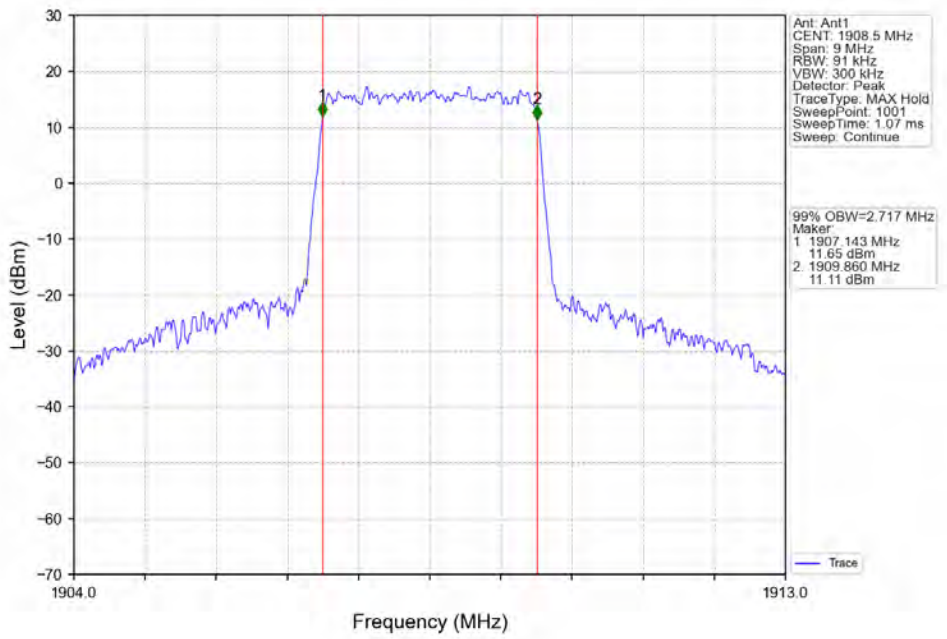

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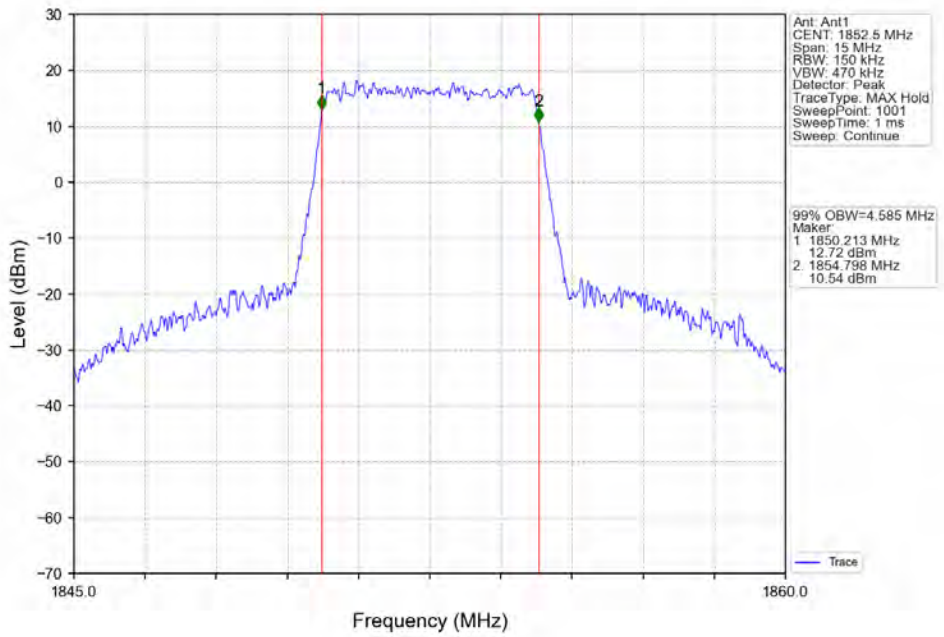
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV

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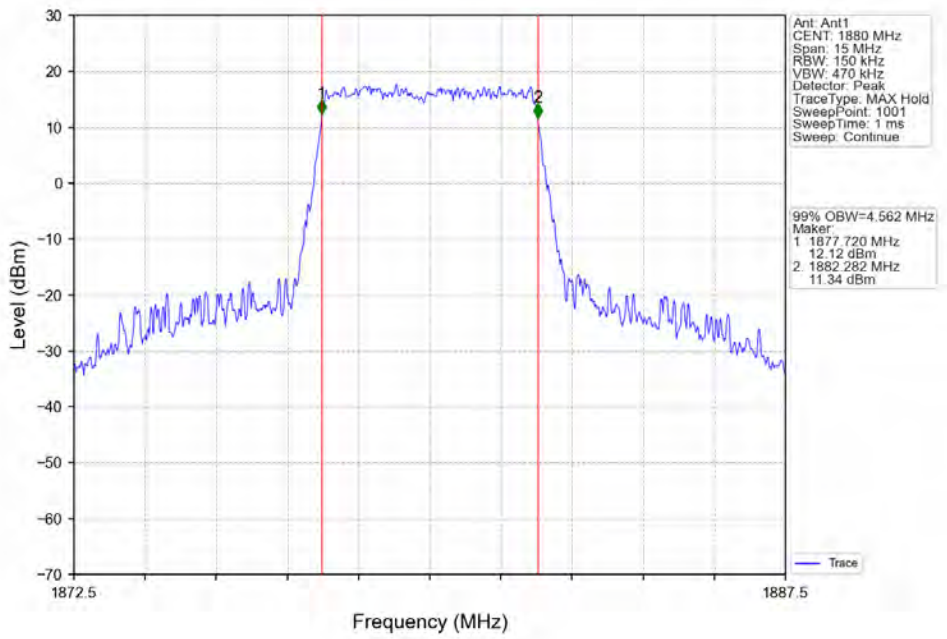

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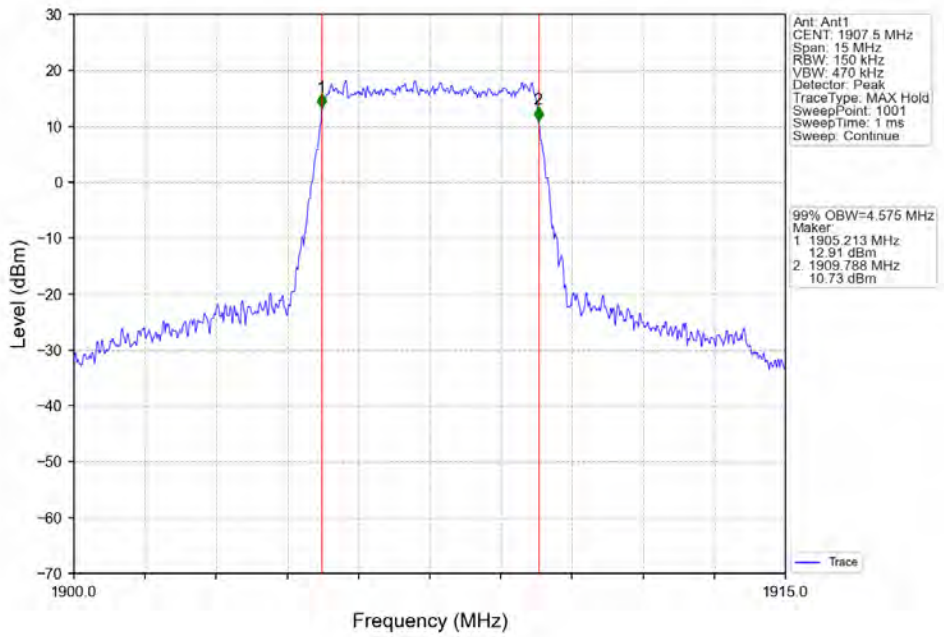

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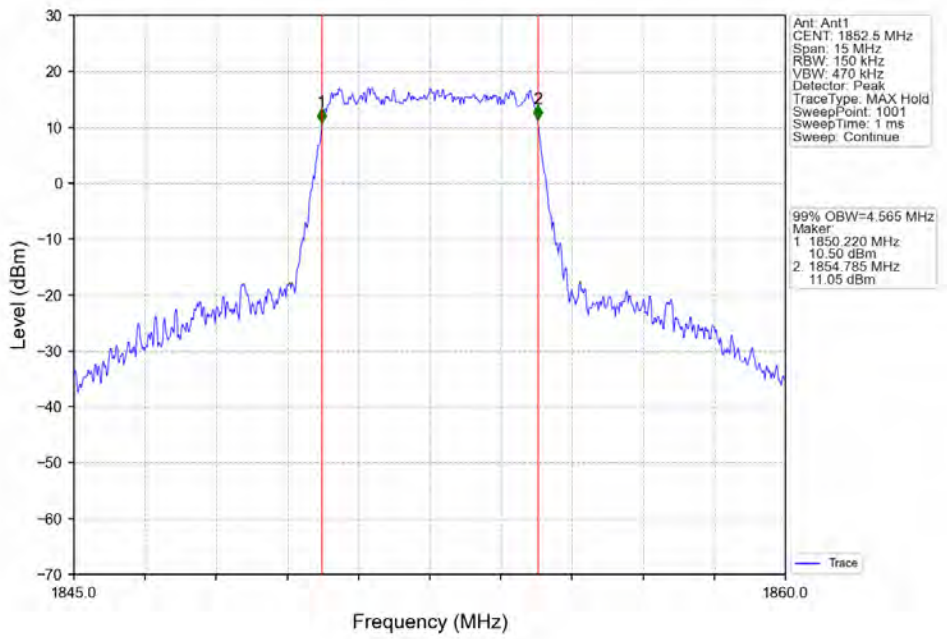

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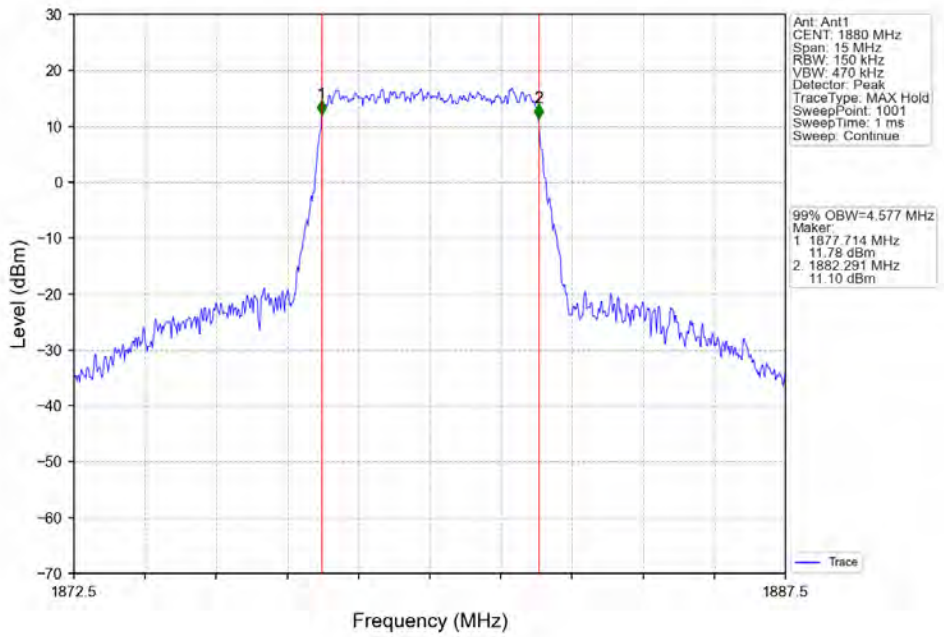

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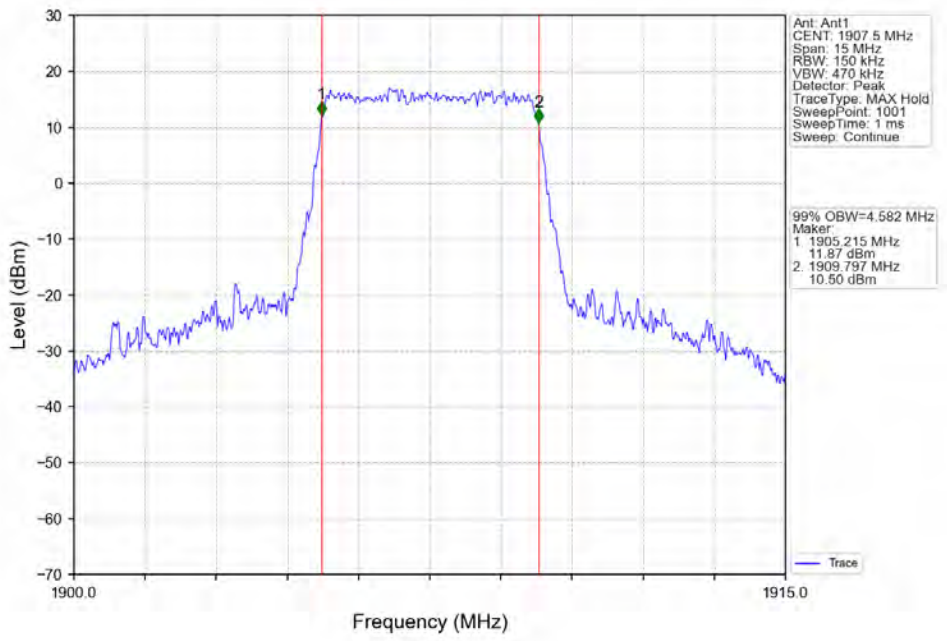

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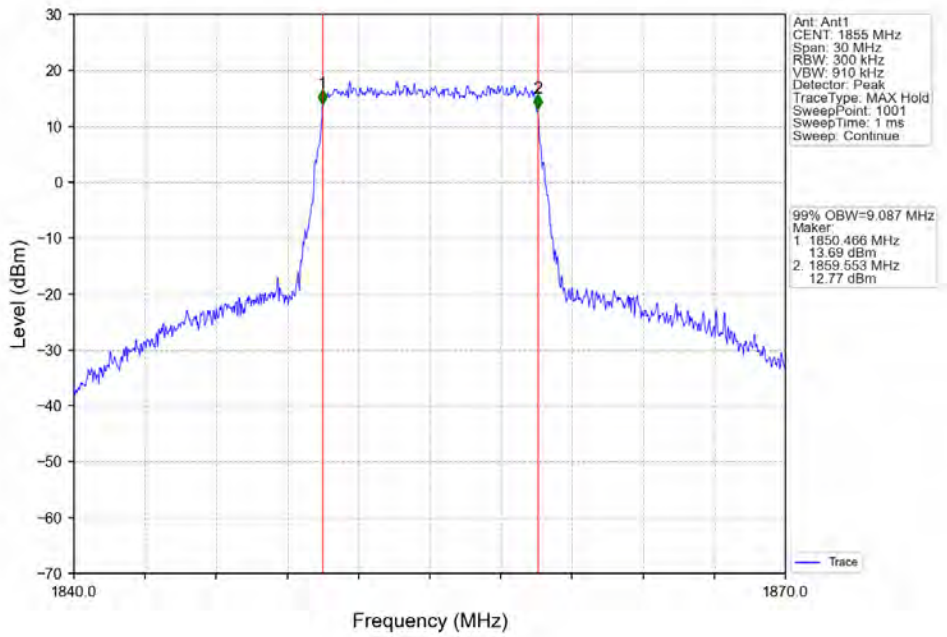
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



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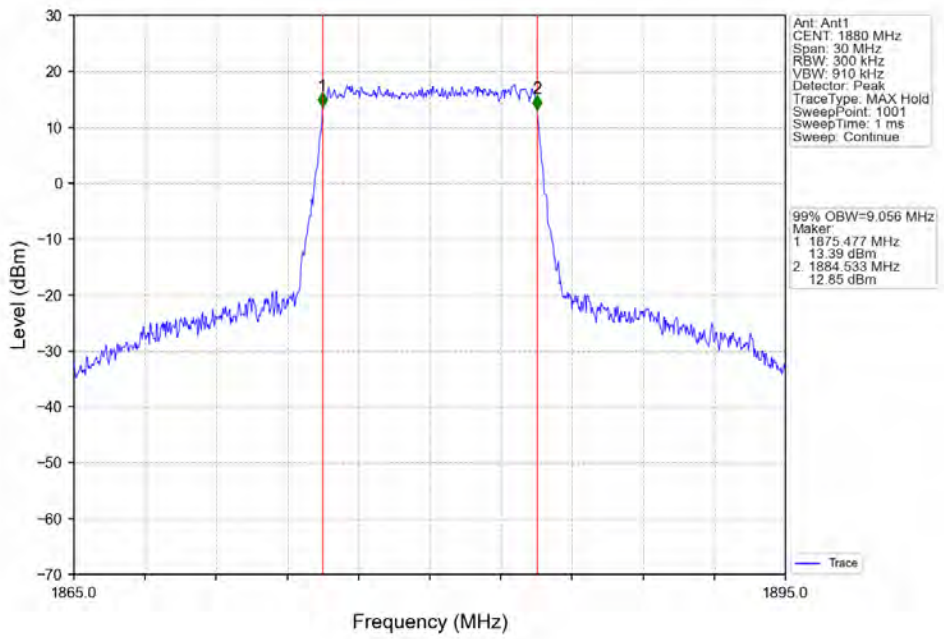

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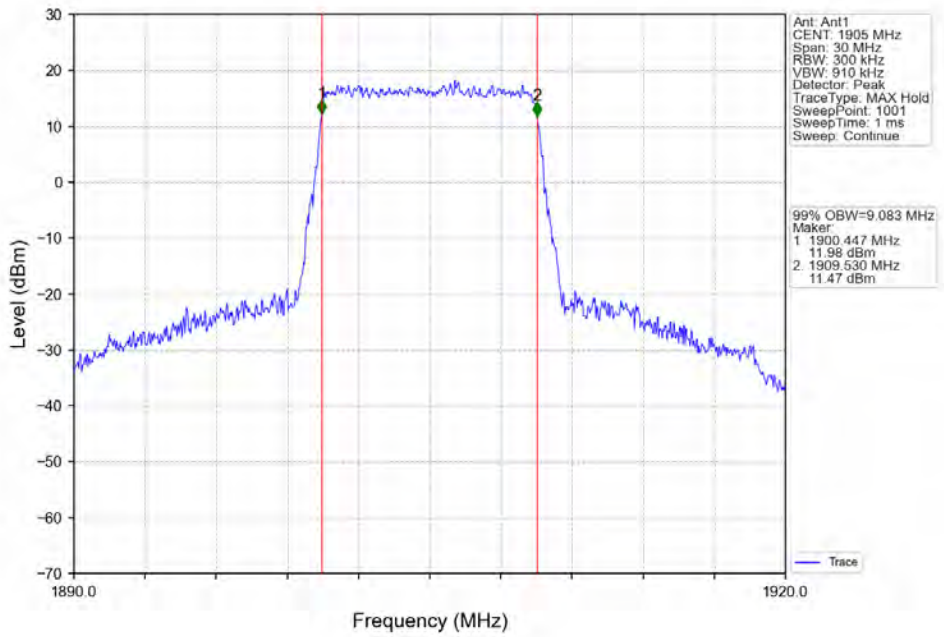
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV

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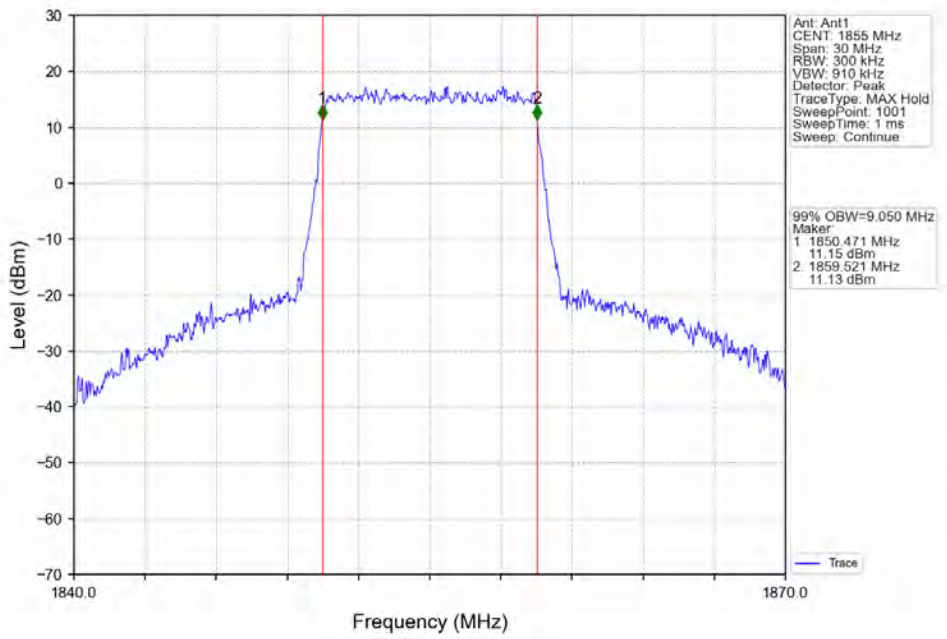

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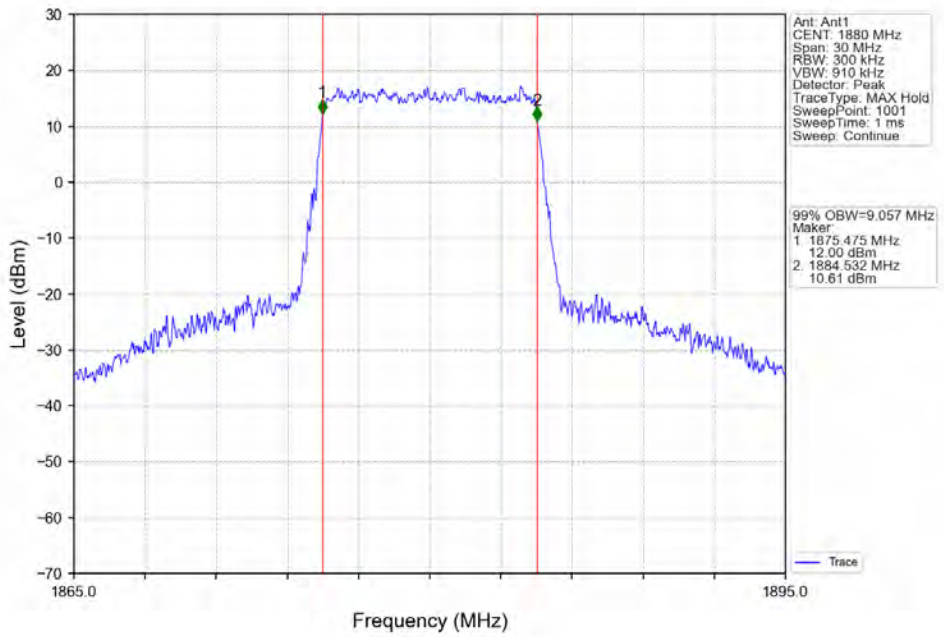
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



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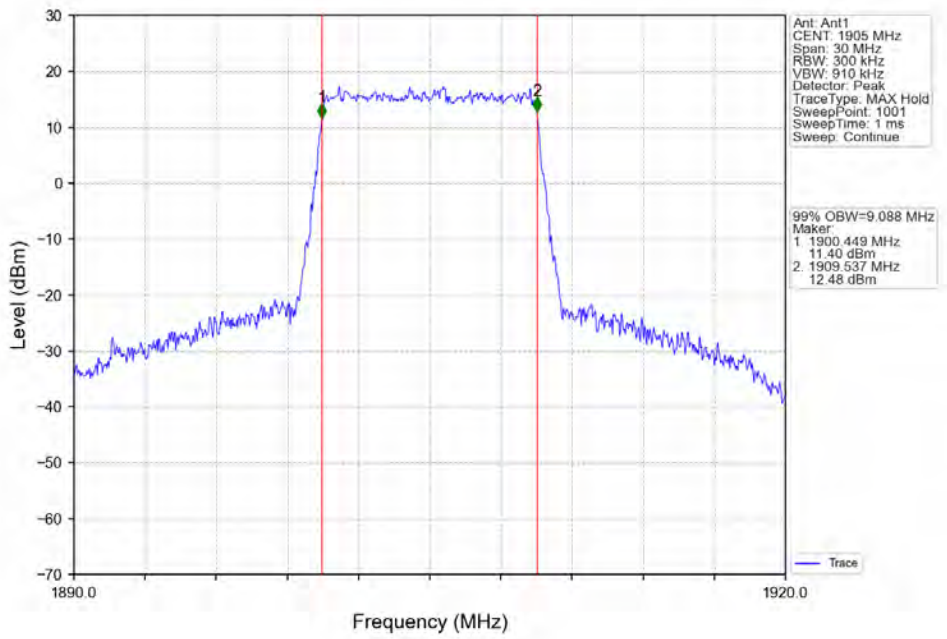

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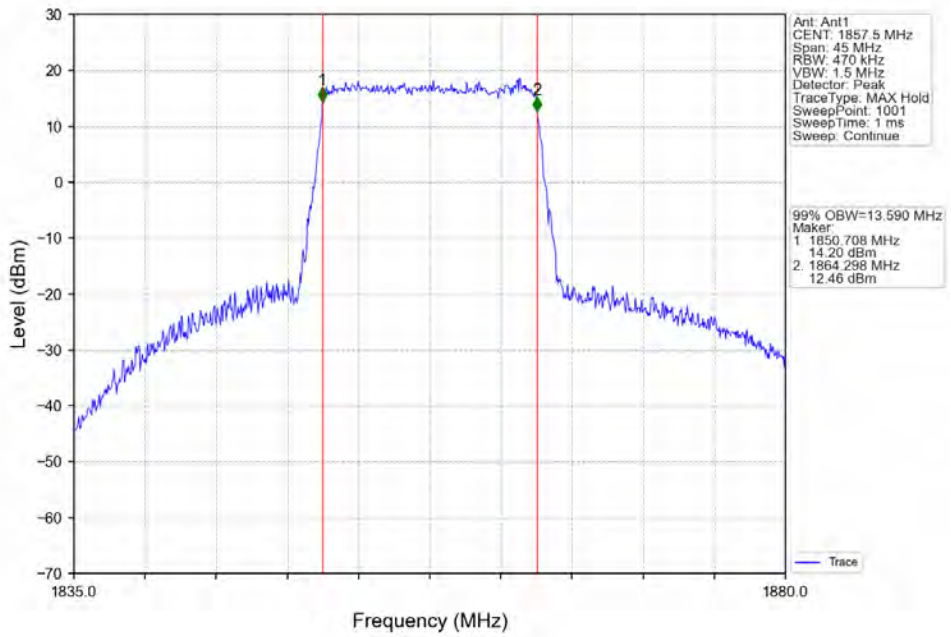
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



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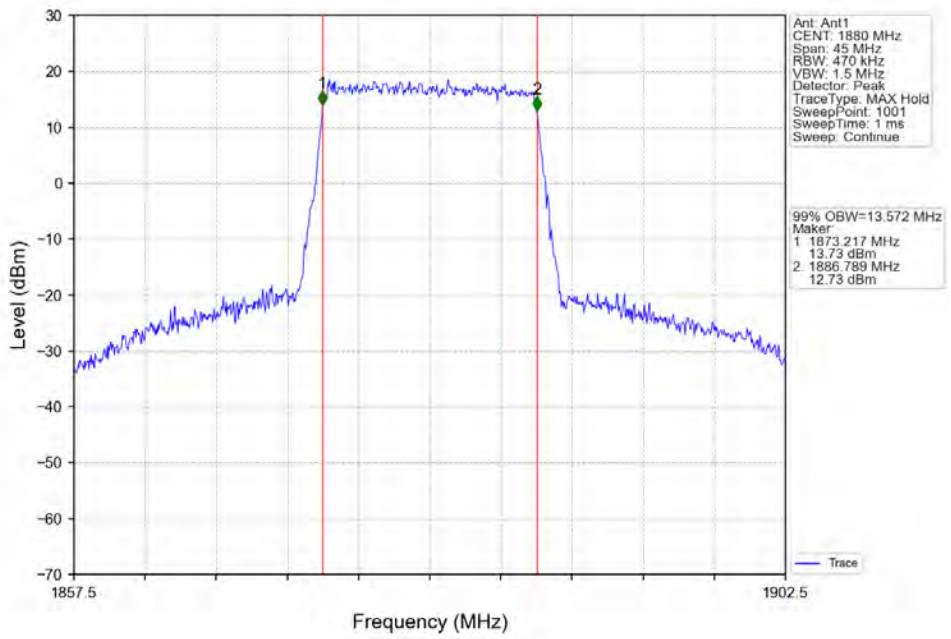

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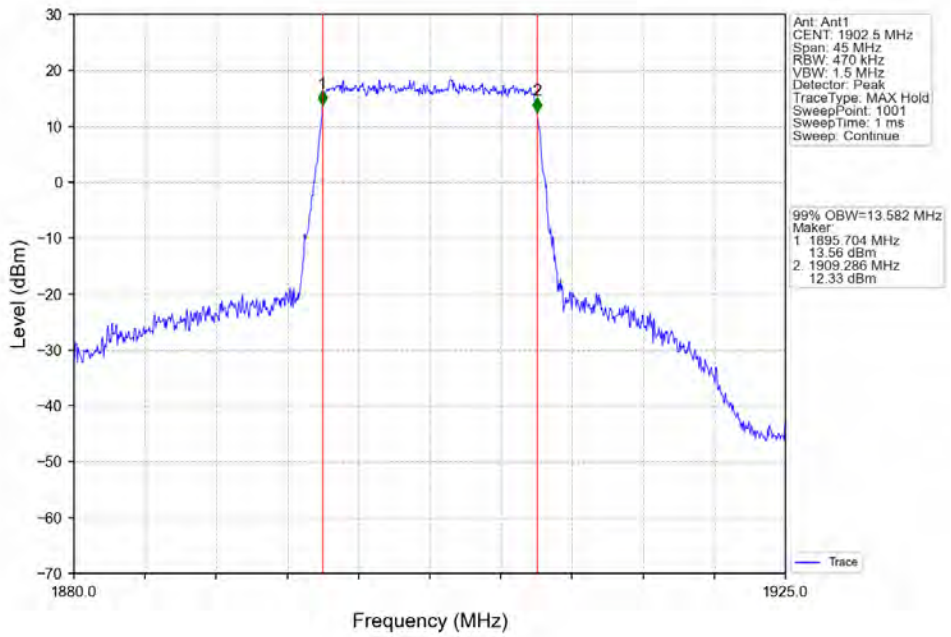

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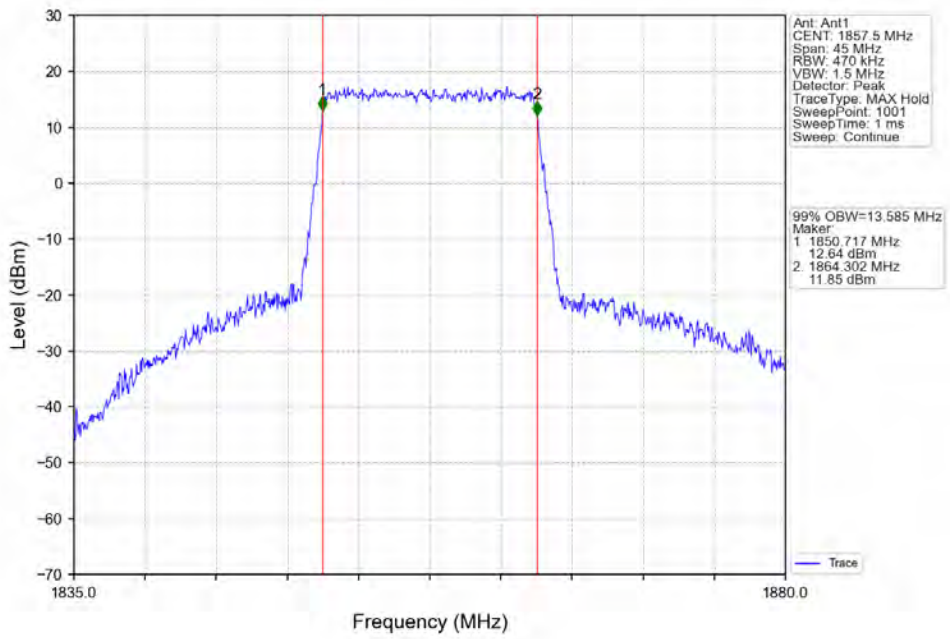

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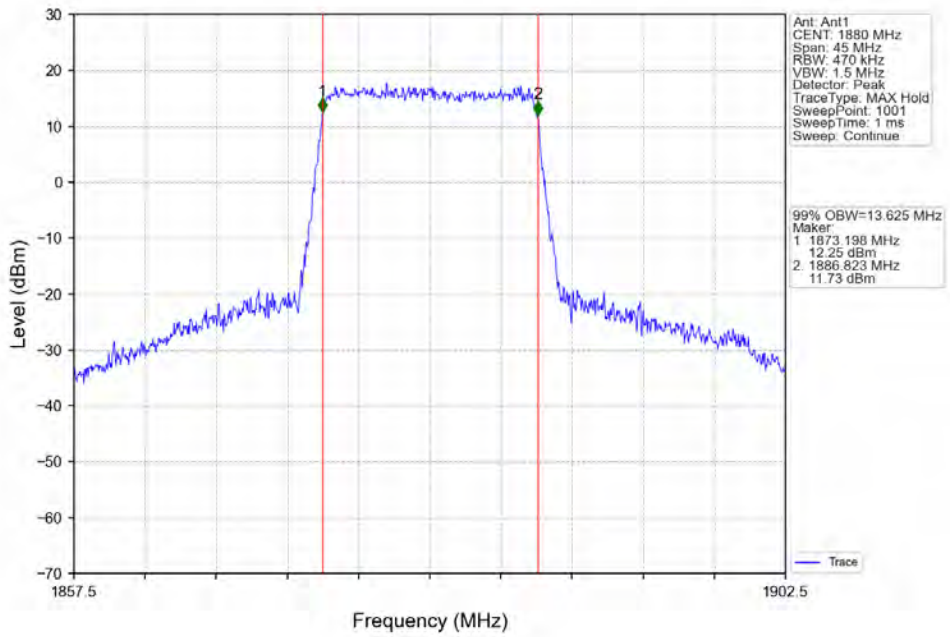

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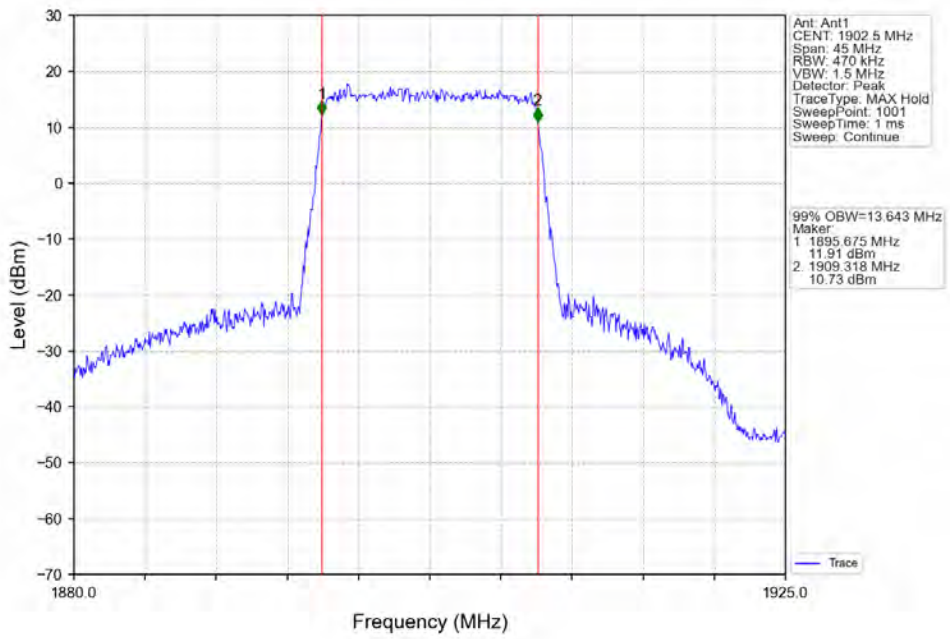

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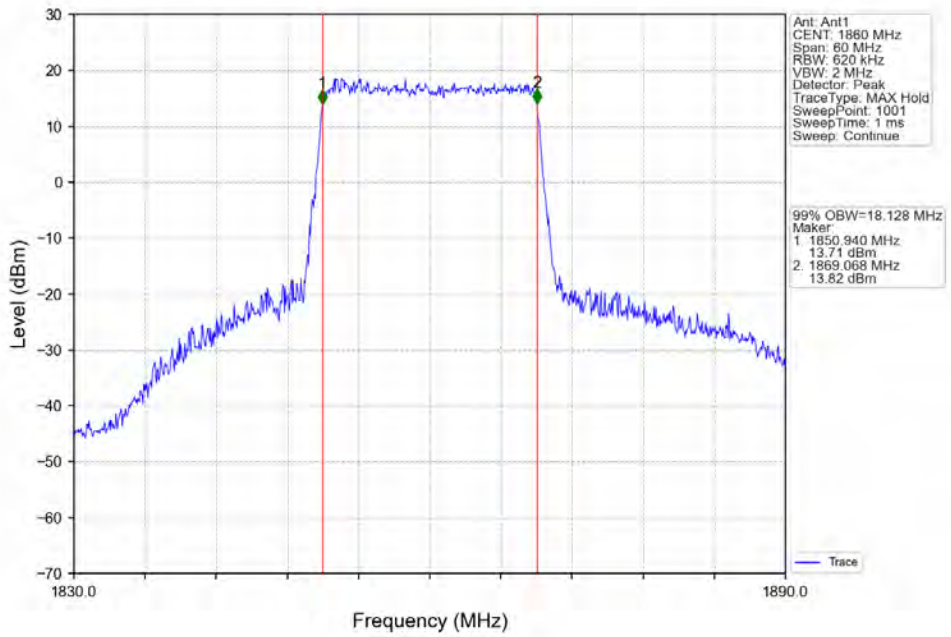

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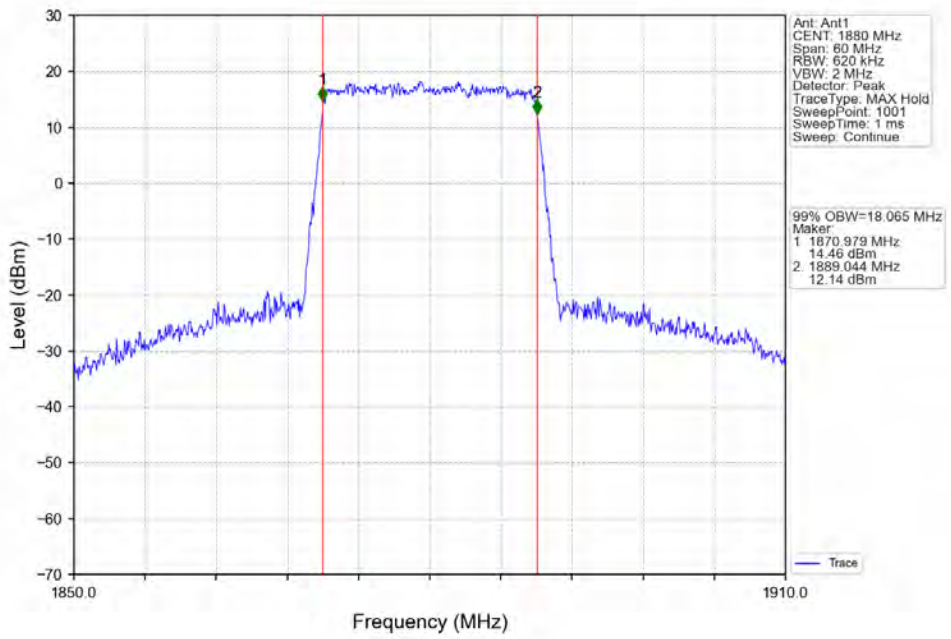

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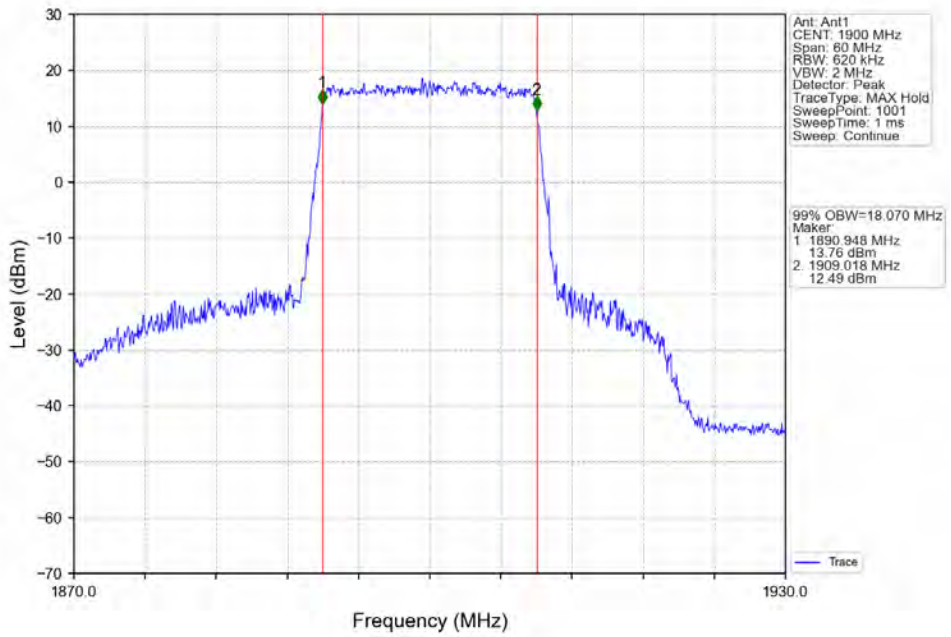

Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV

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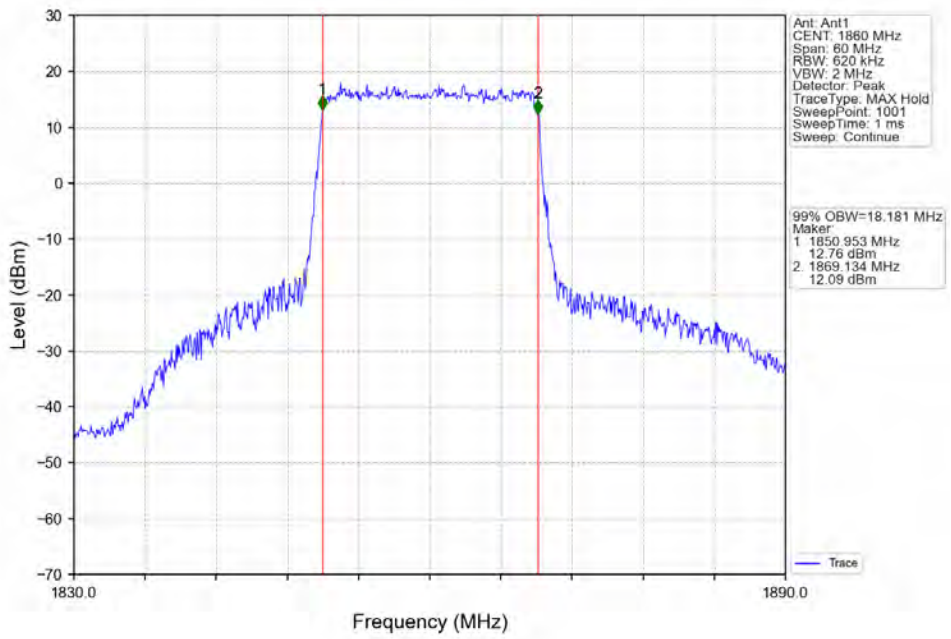

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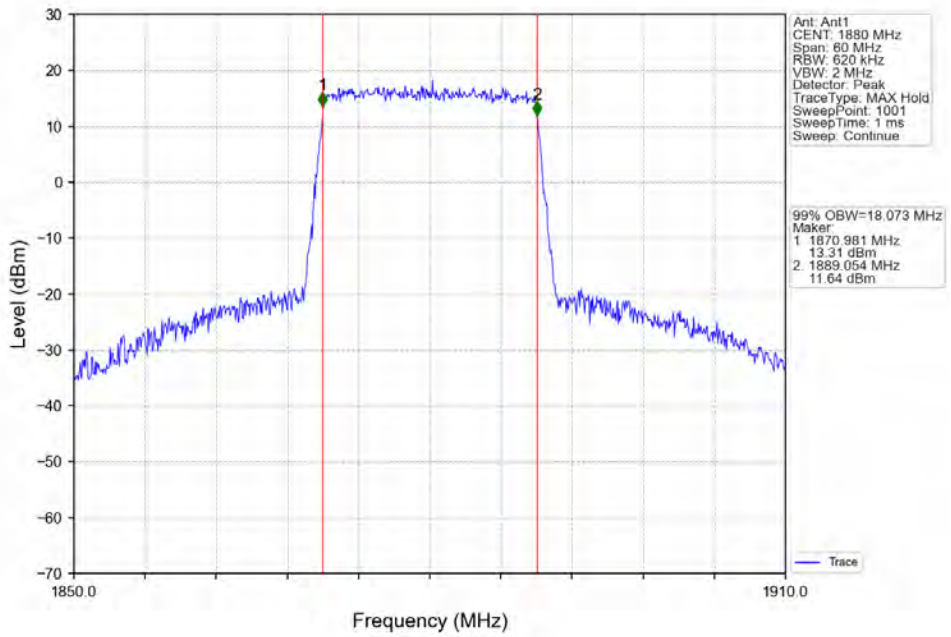
Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

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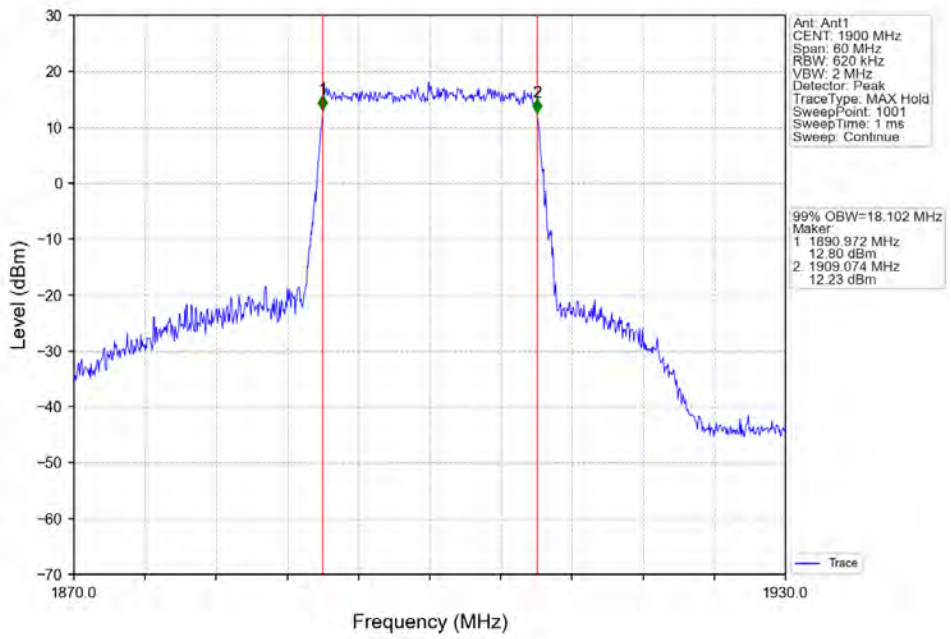

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3.2 Band2_XDB

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	1.320	/	Pass
		1880	6	0	1.314	/	Pass
		1909.3	6	0	1.311	/	Pass
	16QAM	1850.7	6	0	1.310	/	Pass
		1880	6	0	1.323	/	Pass
		1909.3	6	0	1.315	/	Pass
3	QPSK	1851.5	15	0	2.987	/	Pass
		1880	15	0	2.972	/	Pass
		1908.5	15	0	2.988	/	Pass
	16QAM	1851.5	15	0	2.972	/	Pass
		1880	15	0	2.984	/	Pass
		1908.5	15	0	3.003	/	Pass
5	QPSK	1852.5	25	0	5.235	/	Pass
		1880	25	0	5.290	/	Pass
		1907.5	25	0	5.184	/	Pass
	16QAM	1852.5	25	0	5.275	/	Pass
		1880	25	0	5.295	/	Pass
		1907.5	25	0	5.344	/	Pass
10	QPSK	1855	50	0	10.204	/	Pass
		1880	50	0	10.250	/	Pass
		1905	50	0	10.282	/	Pass
	16QAM	1855	50	0	10.171	/	Pass
		1880	50	0	10.267	/	Pass
		1905	50	0	10.098	/	Pass
15	QPSK	1857.5	75	0	15.454	/	Pass
		1880	75	0	15.231	/	Pass
		1902.5	75	0	15.153	/	Pass
	16QAM	1857.5	75	0	15.455	/	Pass
		1880	75	0	15.244	/	Pass
		1902.5	75	0	15.369	/	Pass
20	QPSK	1860	100	0	20.097	/	Pass
		1880	100	0	20.254	/	Pass
		1900	100	0	20.175	/	Pass
	16QAM	1860	100	0	19.963	/	Pass
		1880	100	0	19.911	/	Pass
		1900	100	0	19.830	/	Pass

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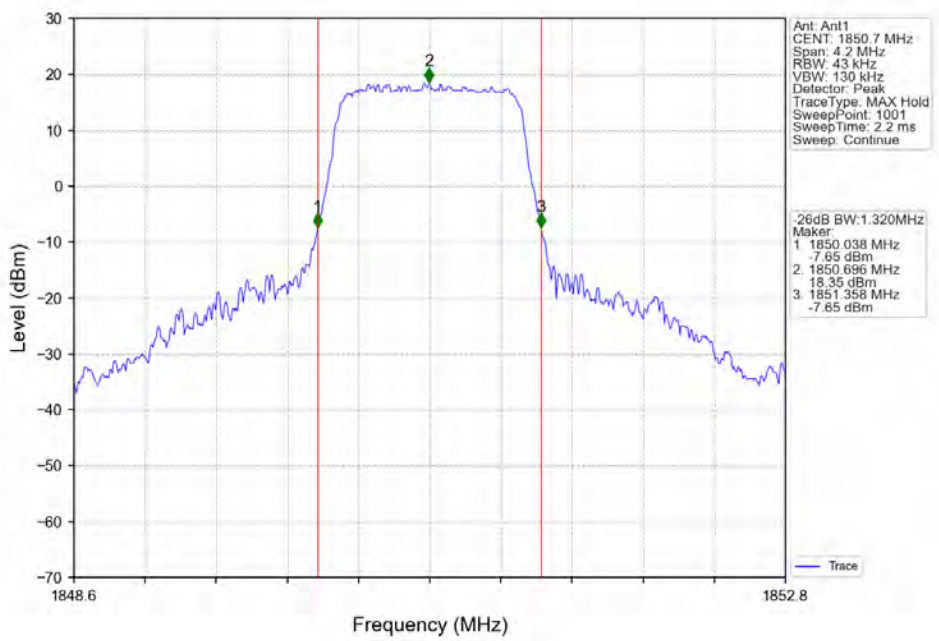
3.2.2 Test Graph

Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV

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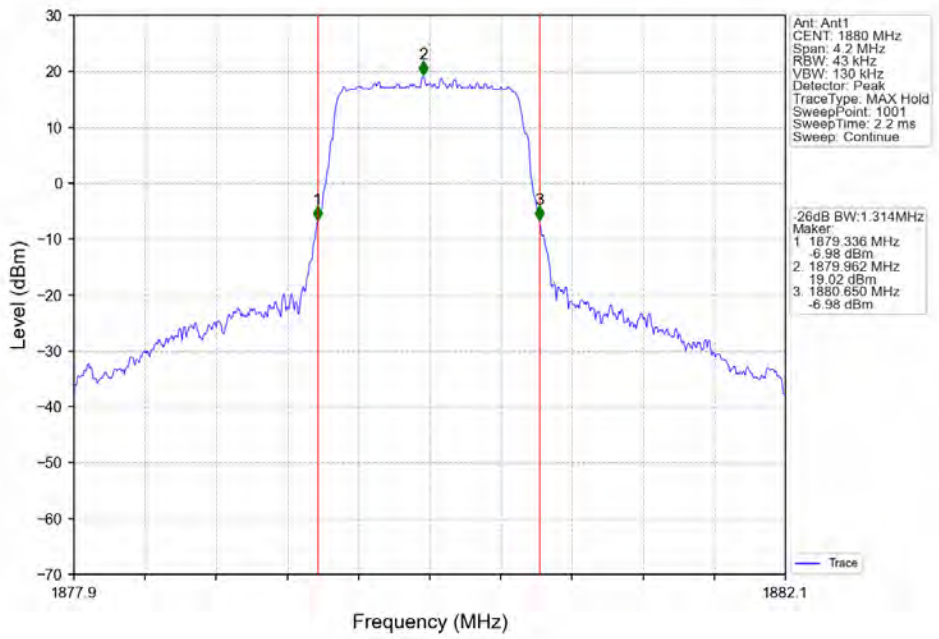

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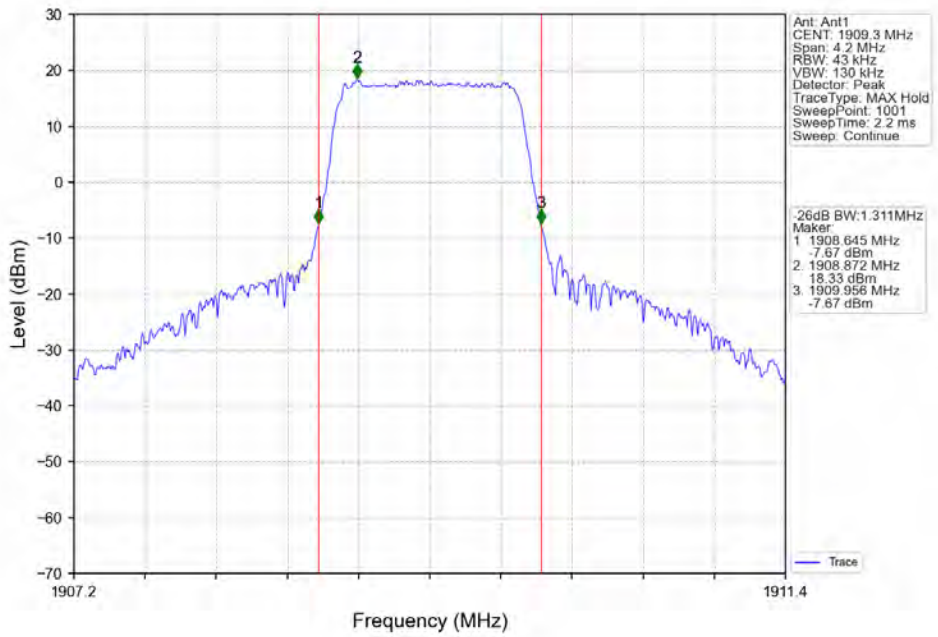

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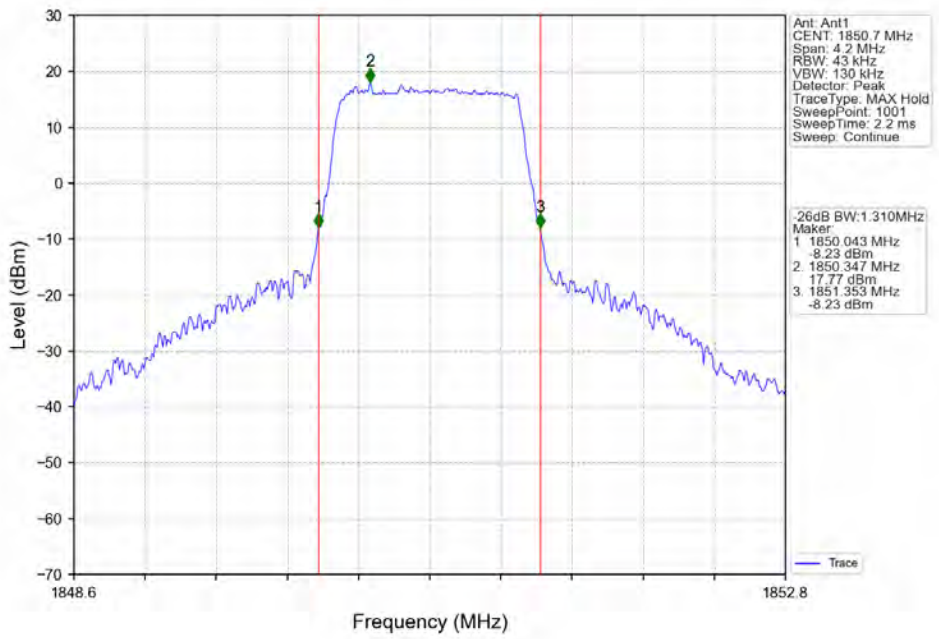

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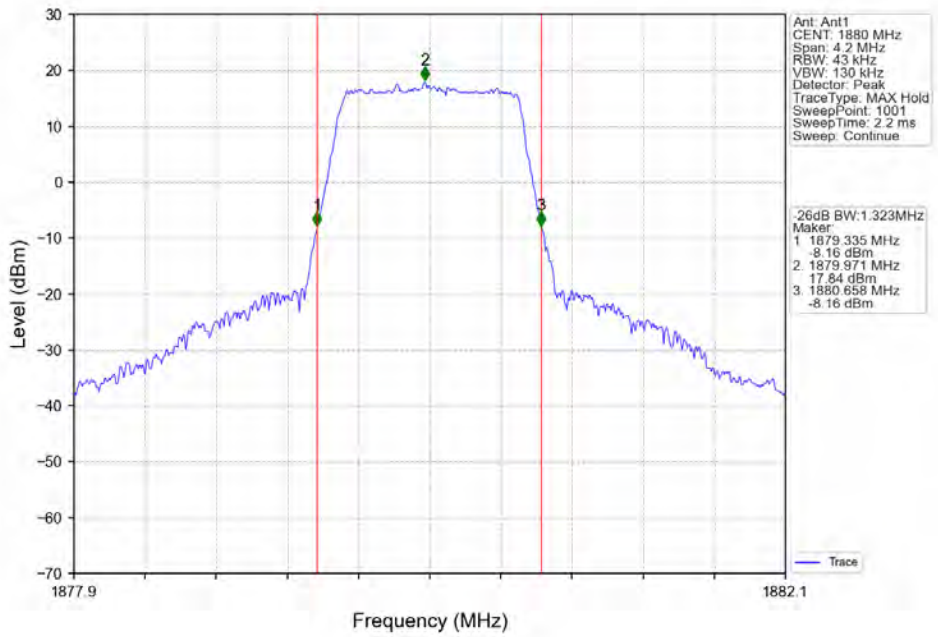

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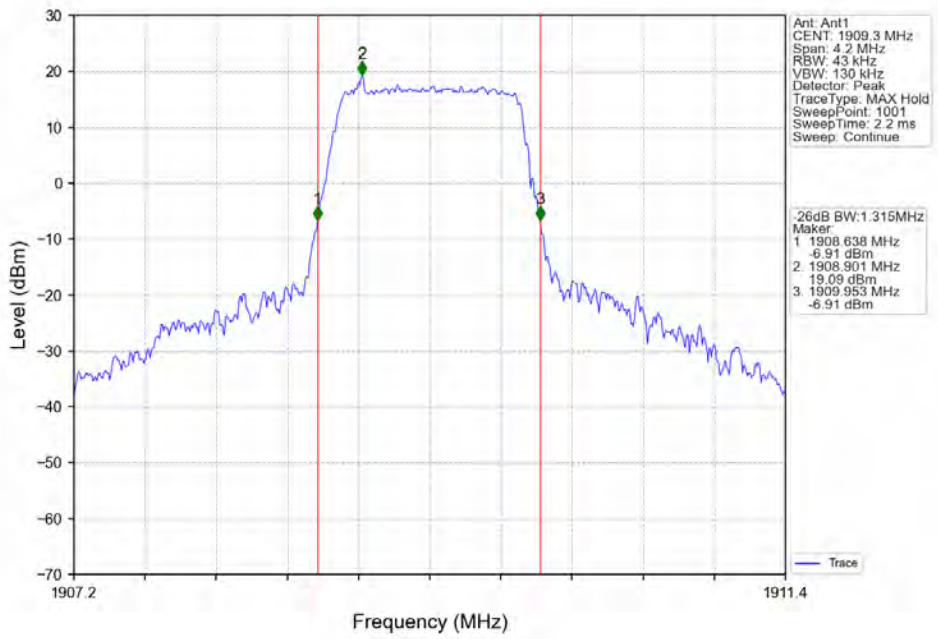

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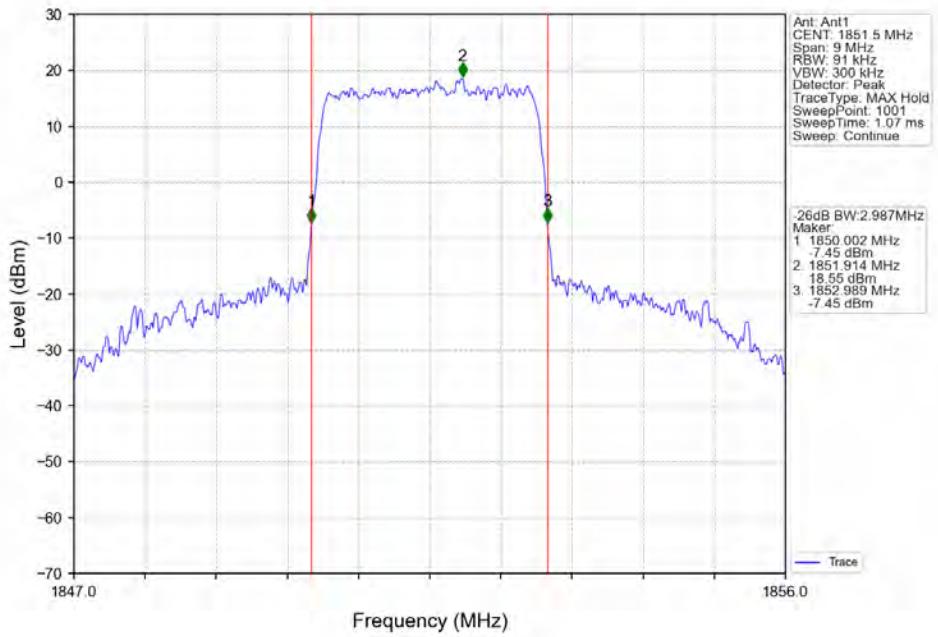

Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV

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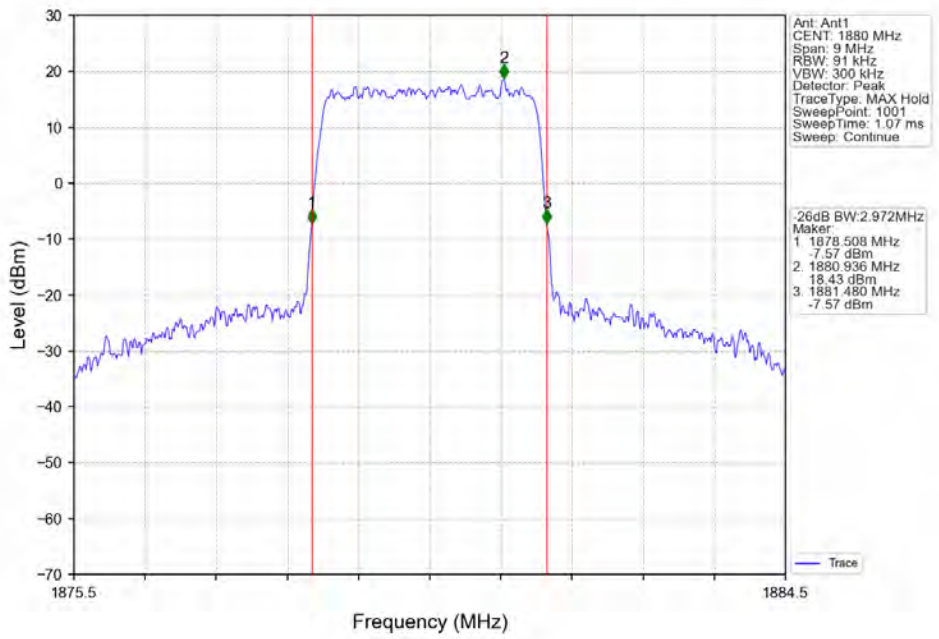

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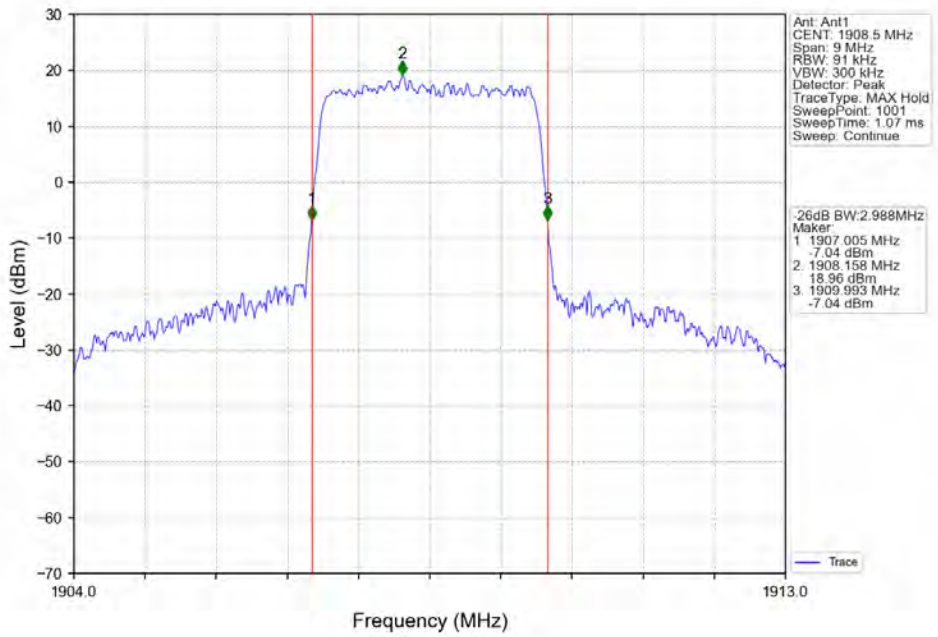
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

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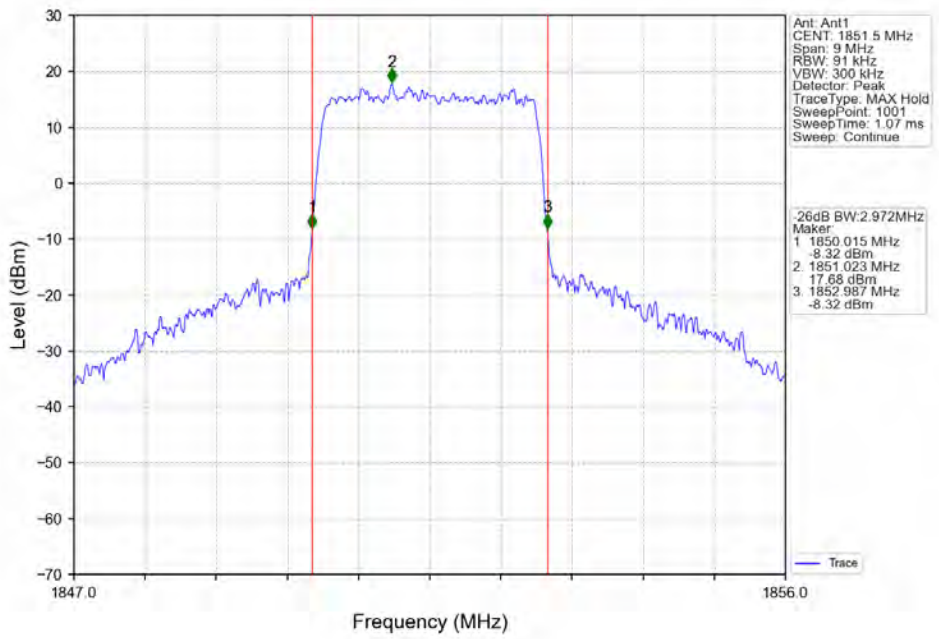

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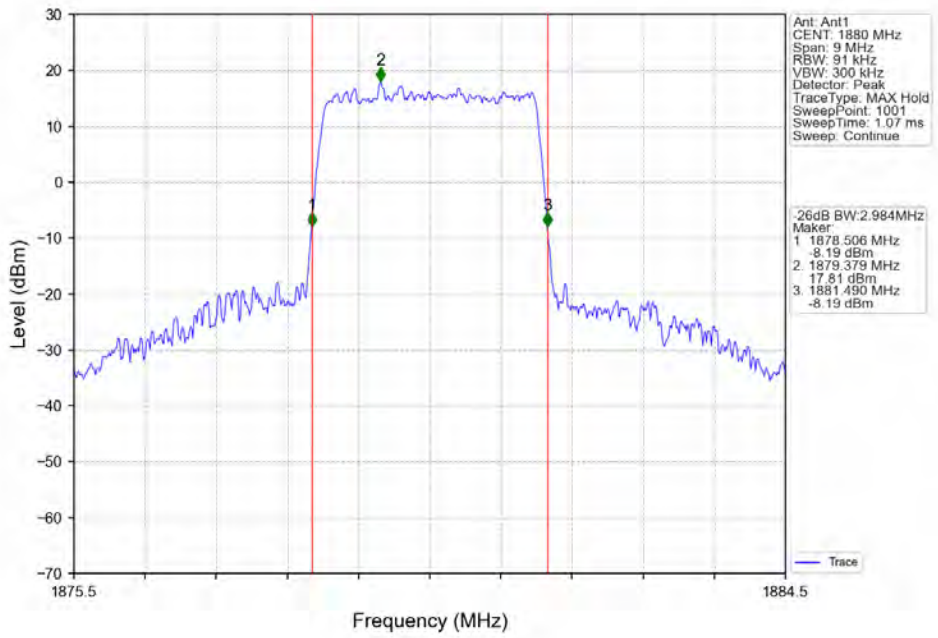
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



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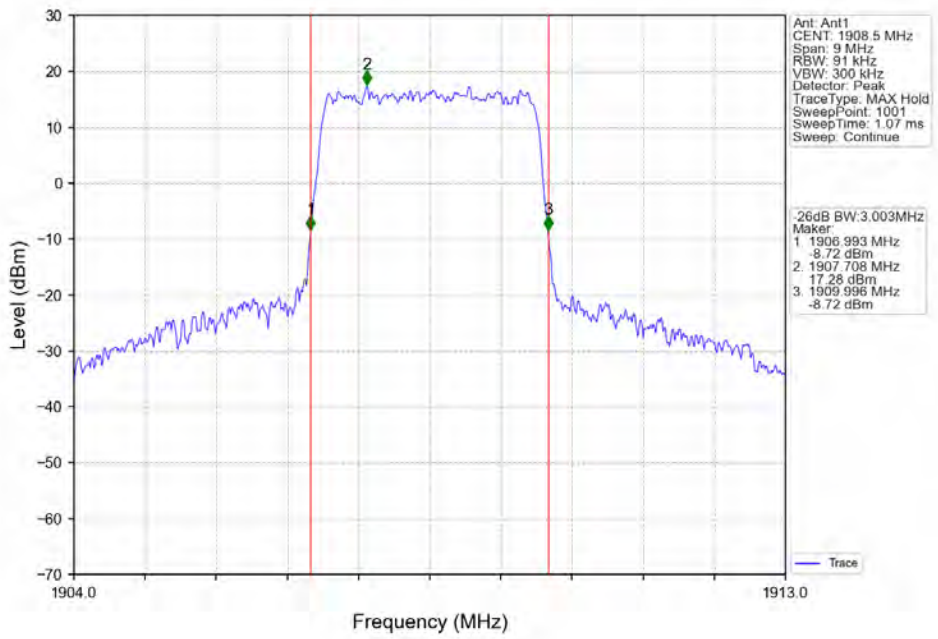

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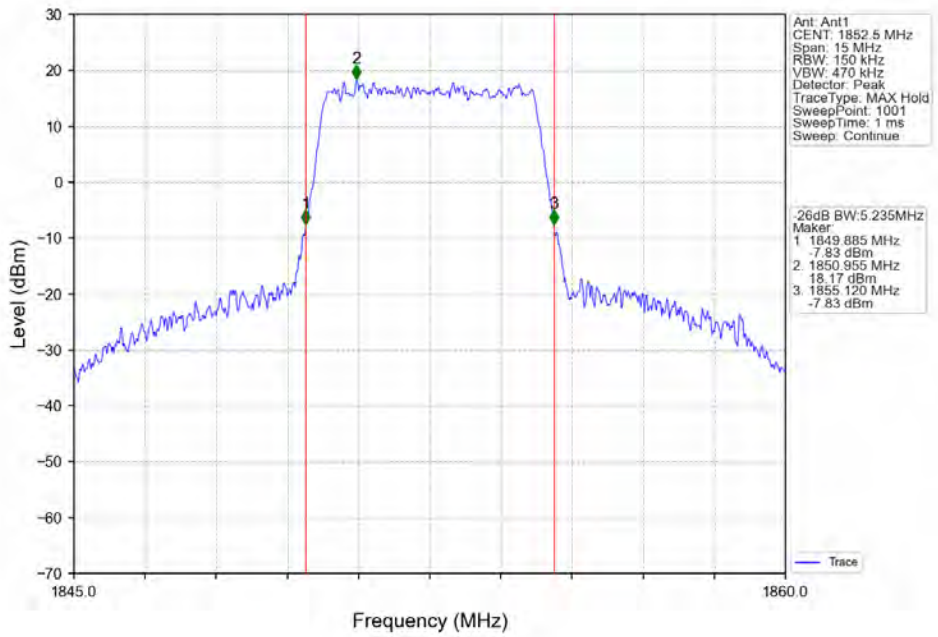

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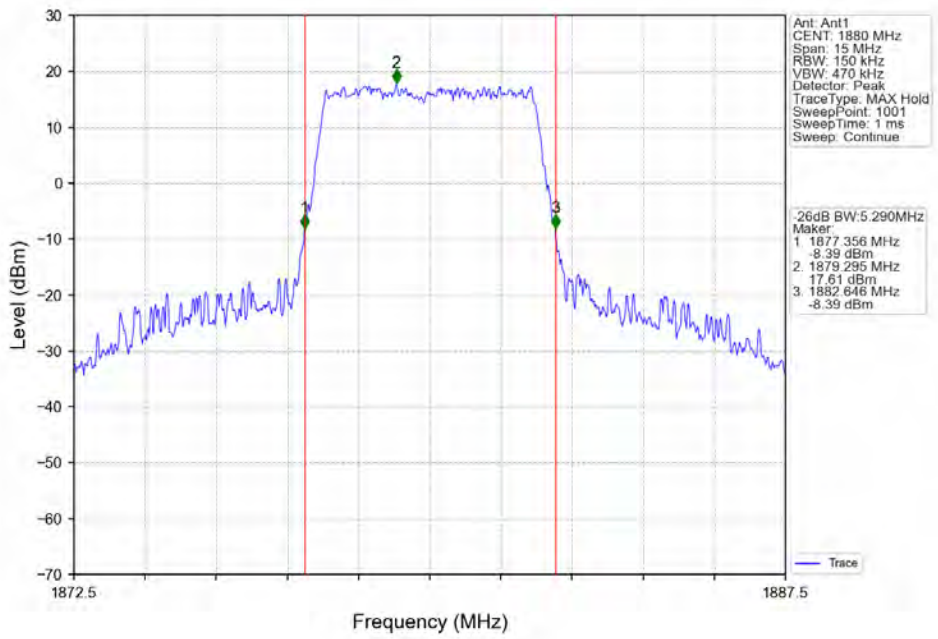

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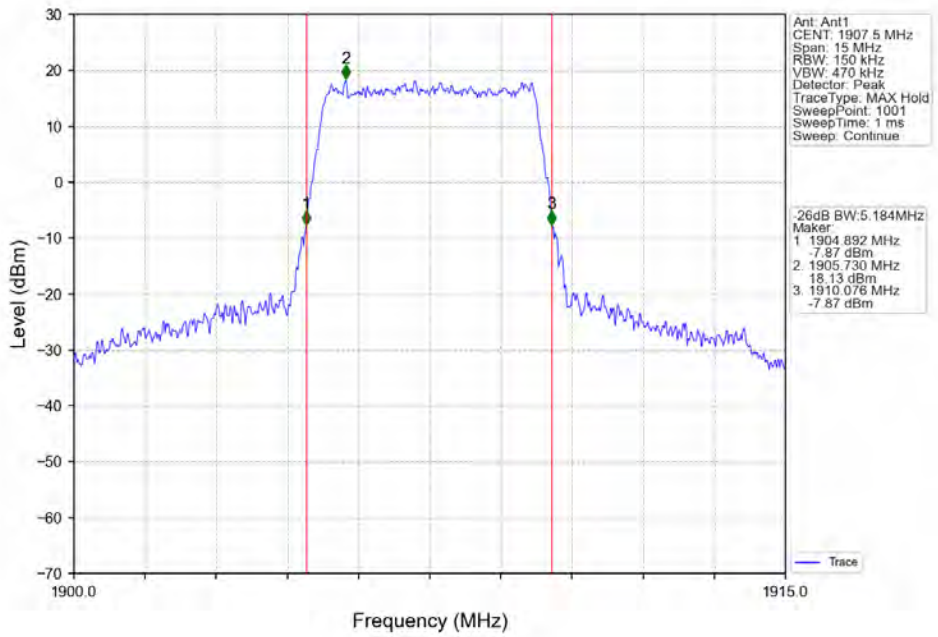

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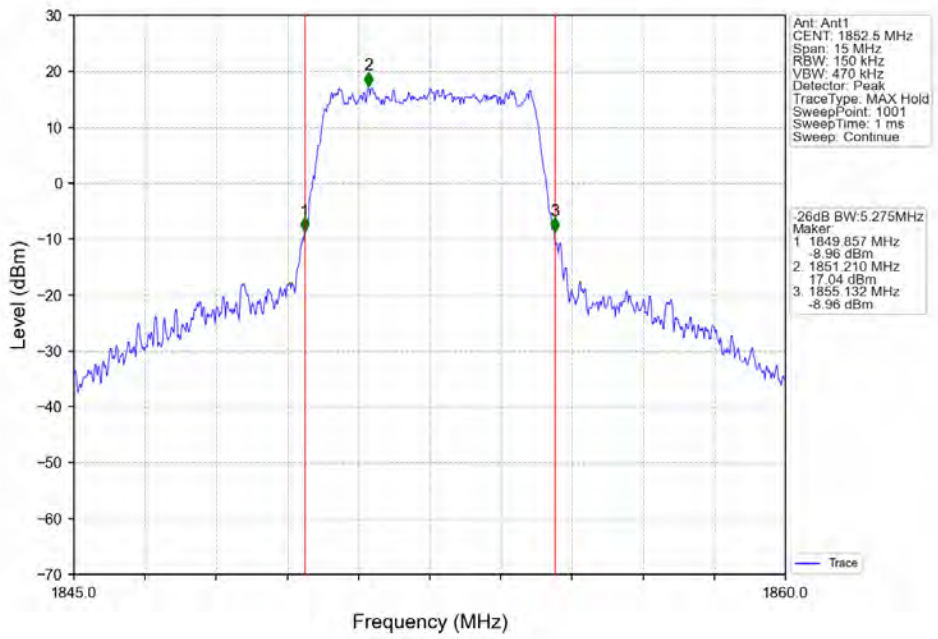

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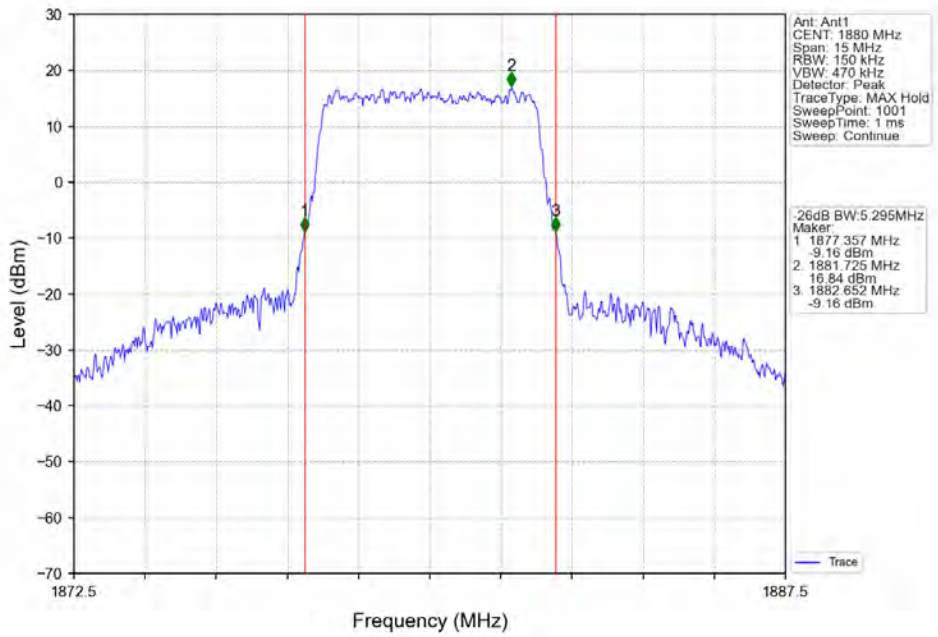

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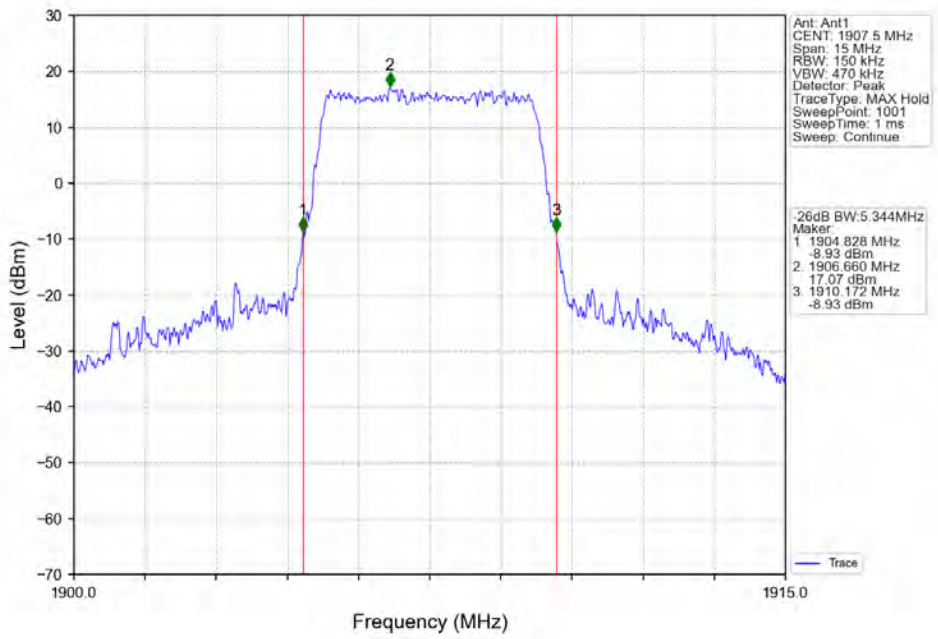

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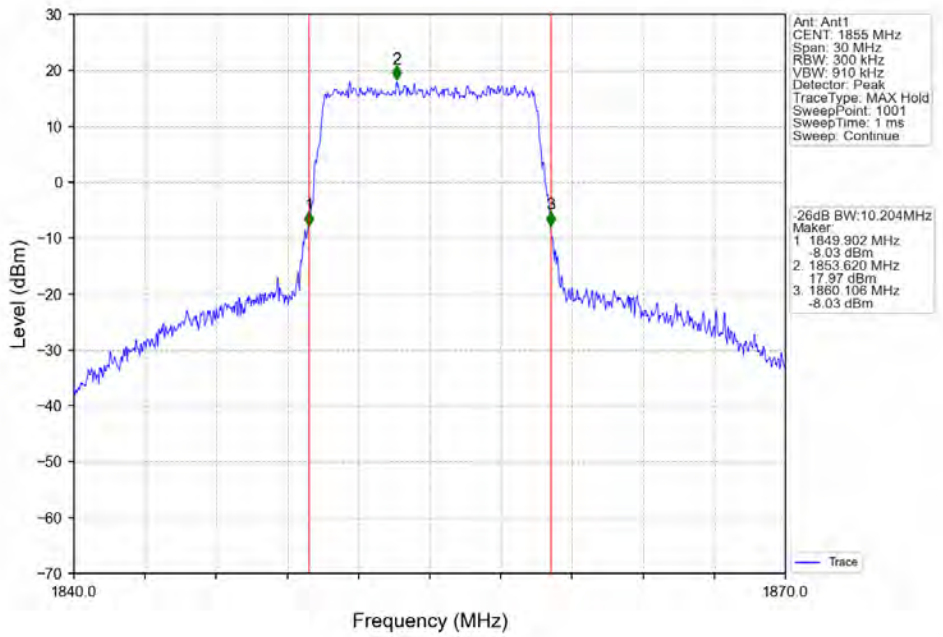
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



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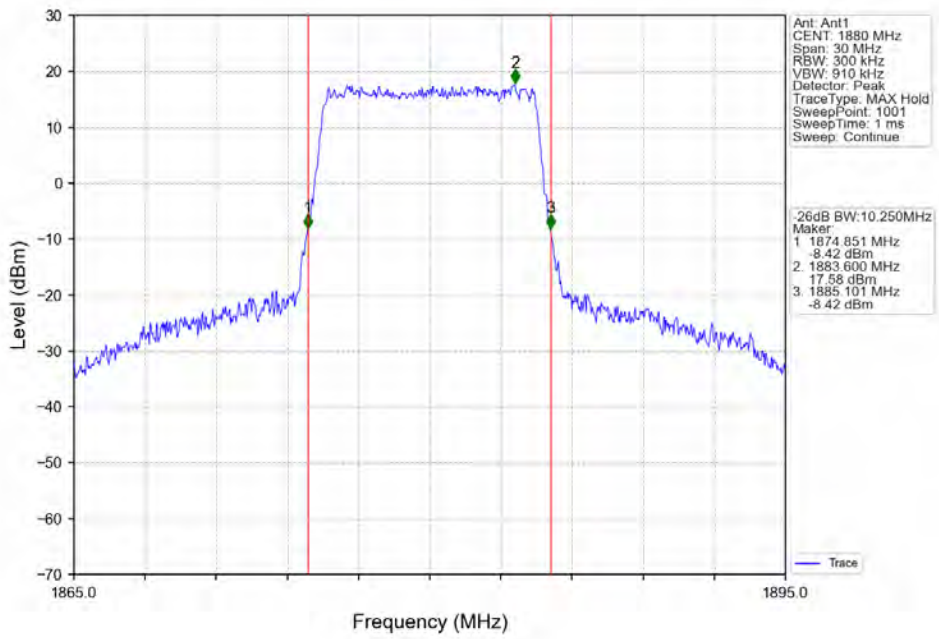

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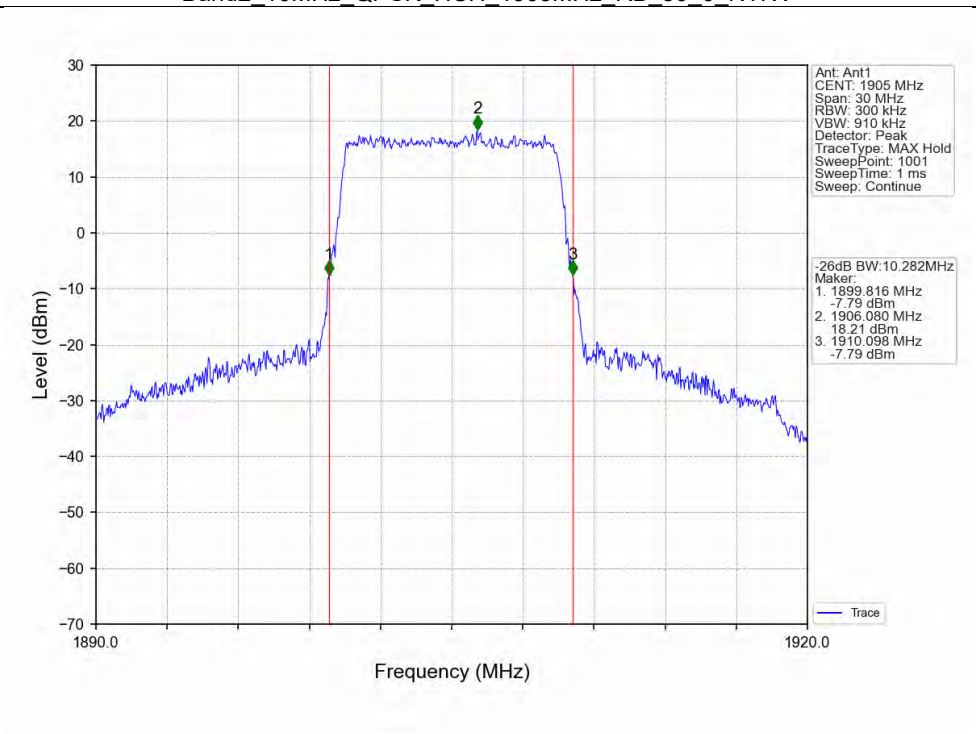
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV

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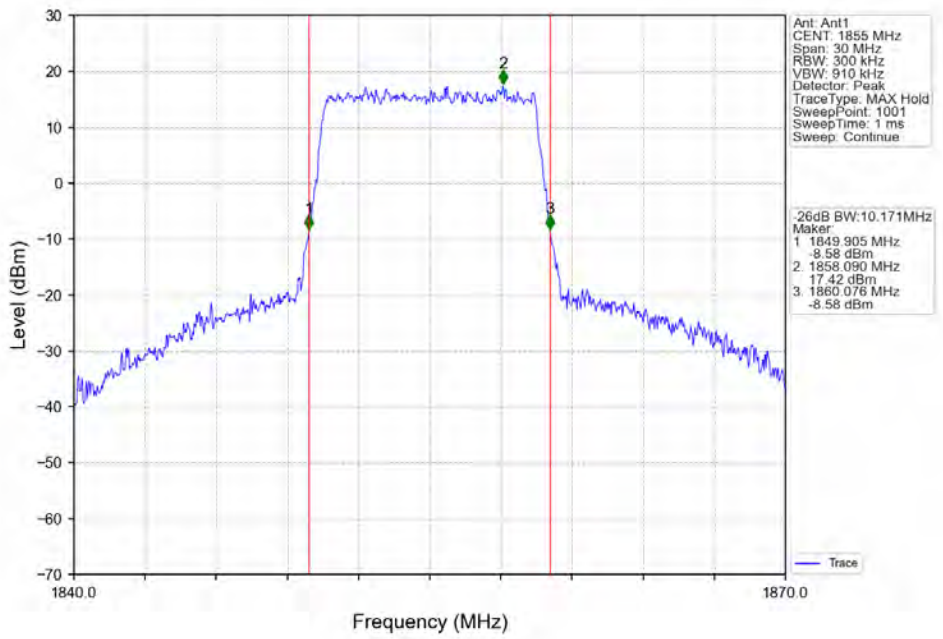

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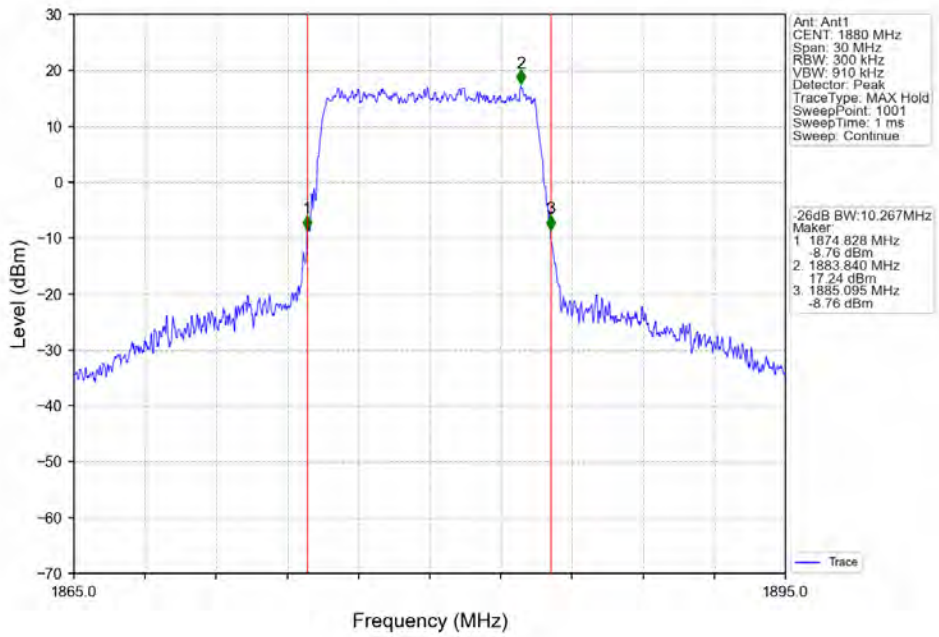
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



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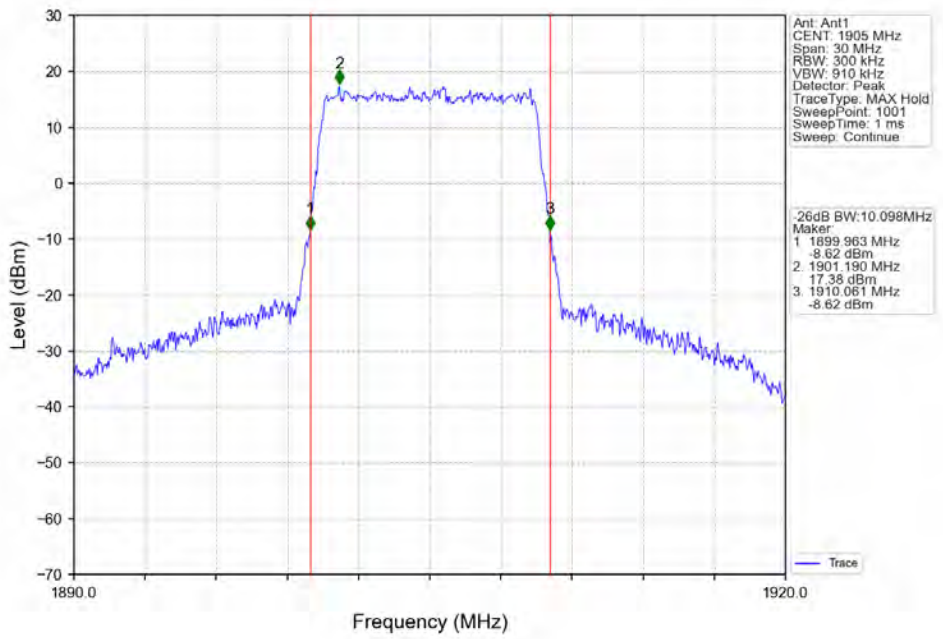

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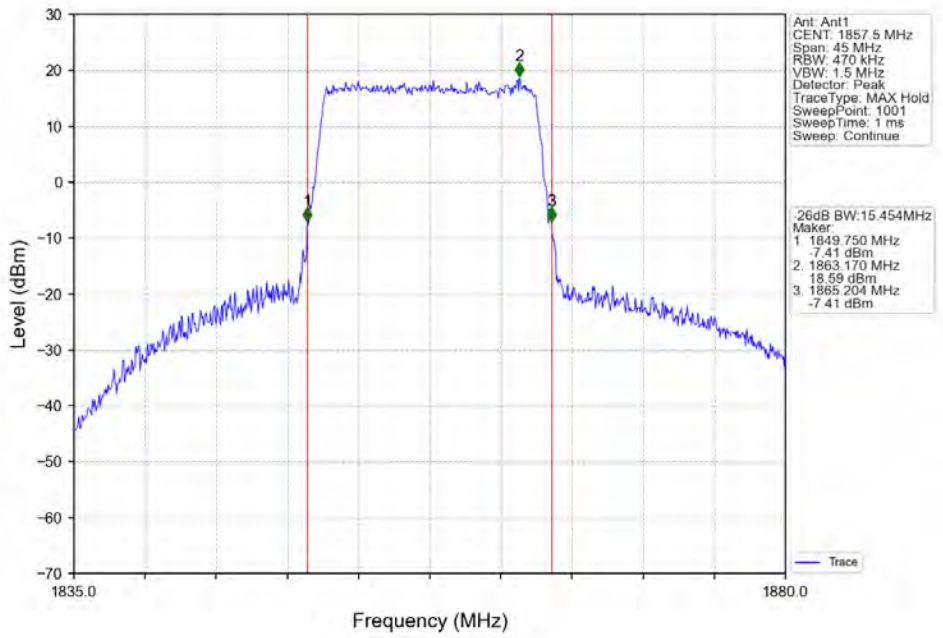
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV

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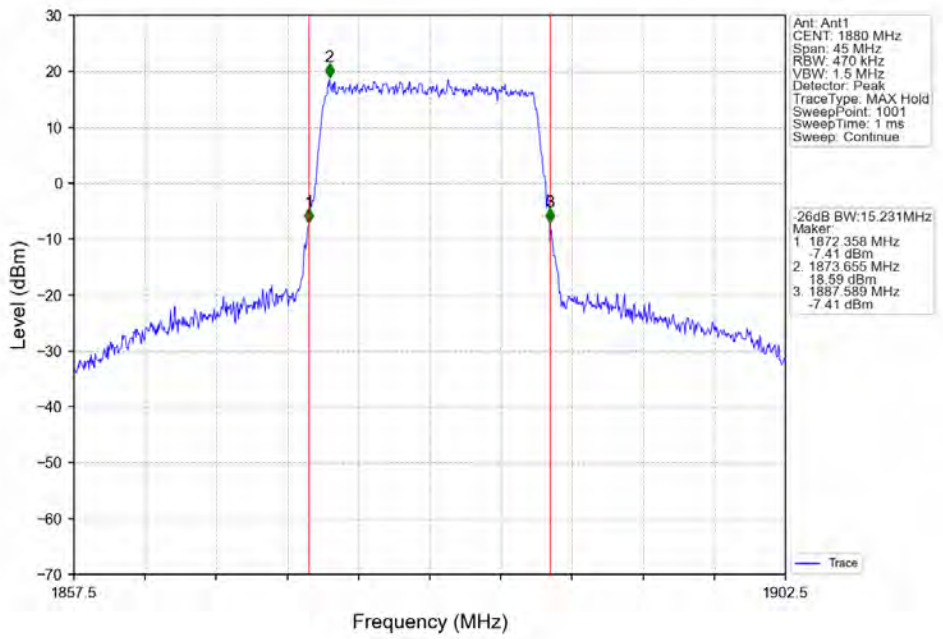

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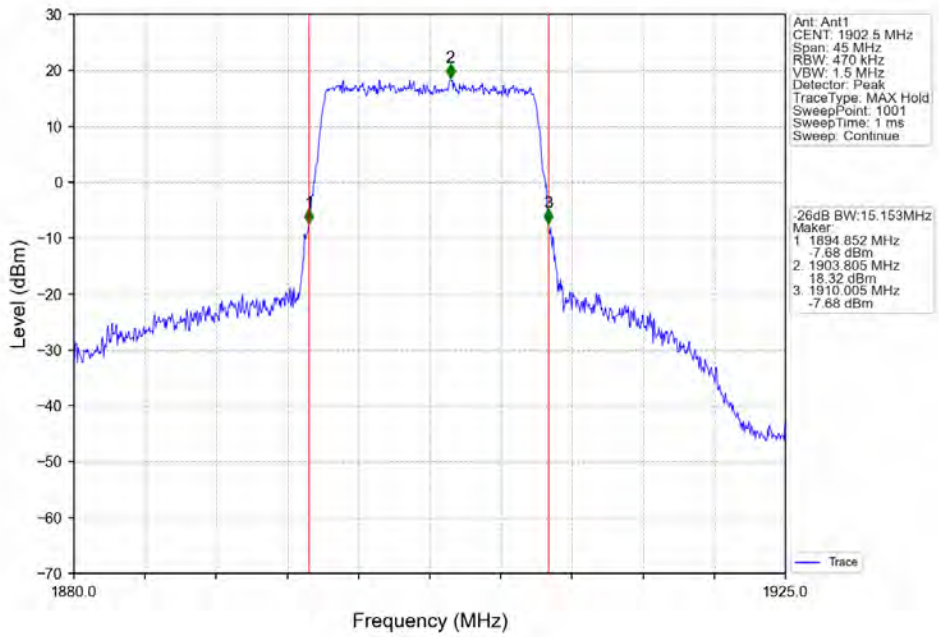

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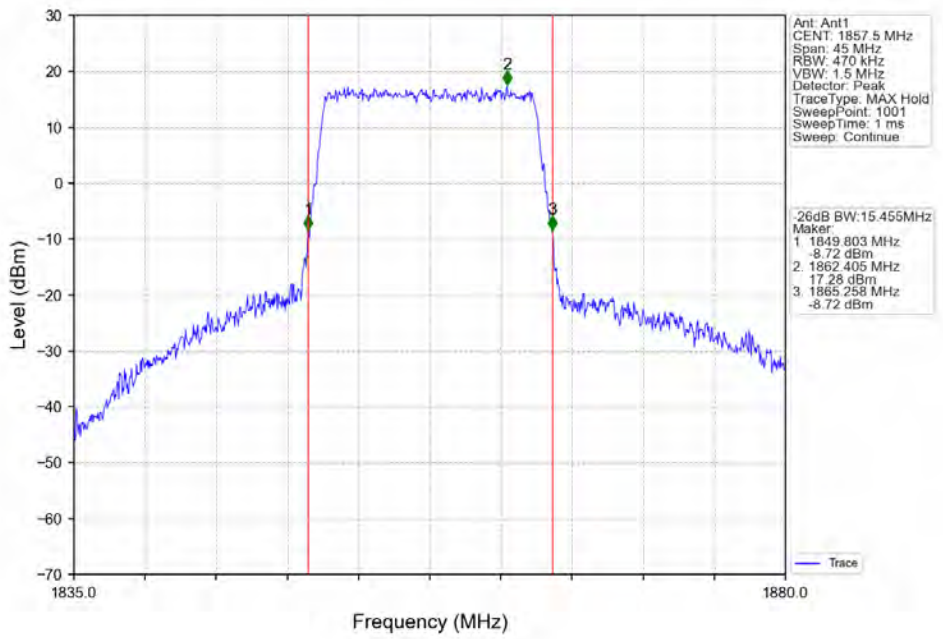

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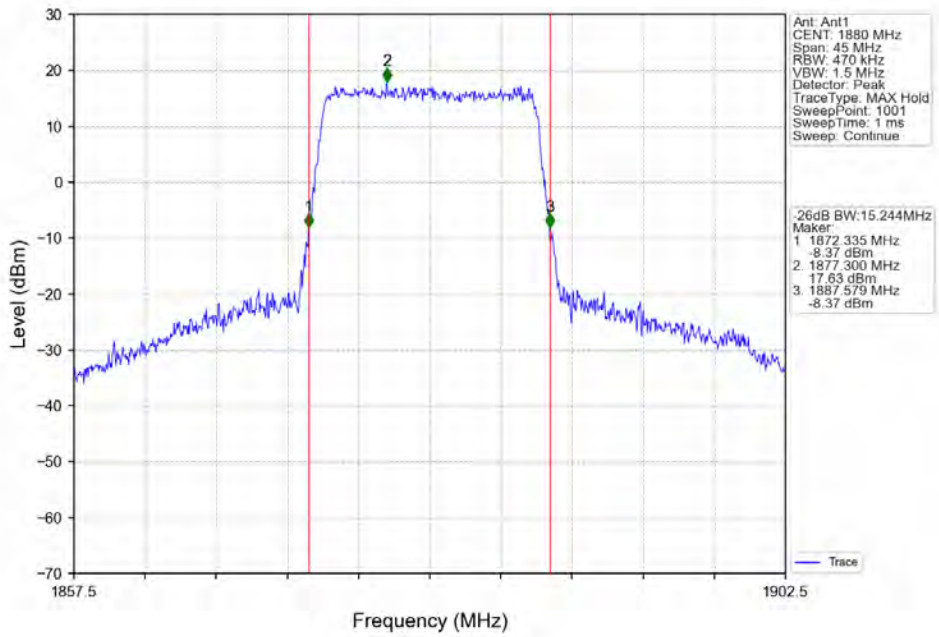
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV

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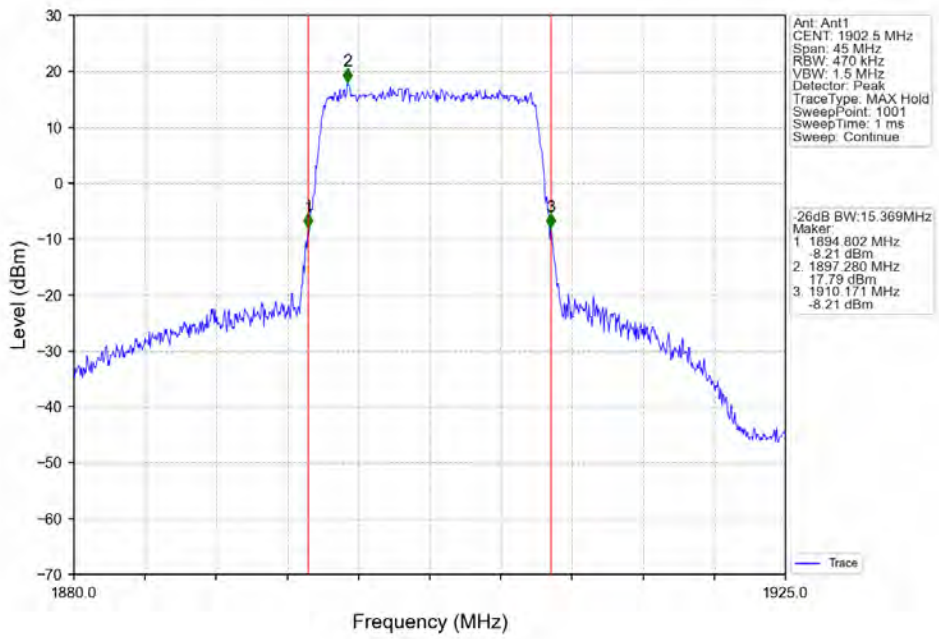

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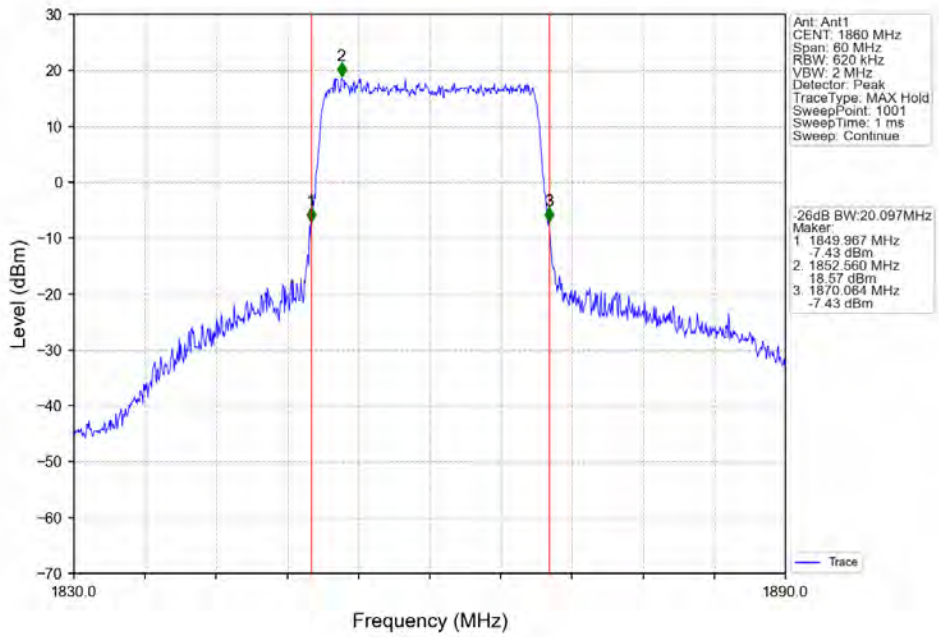

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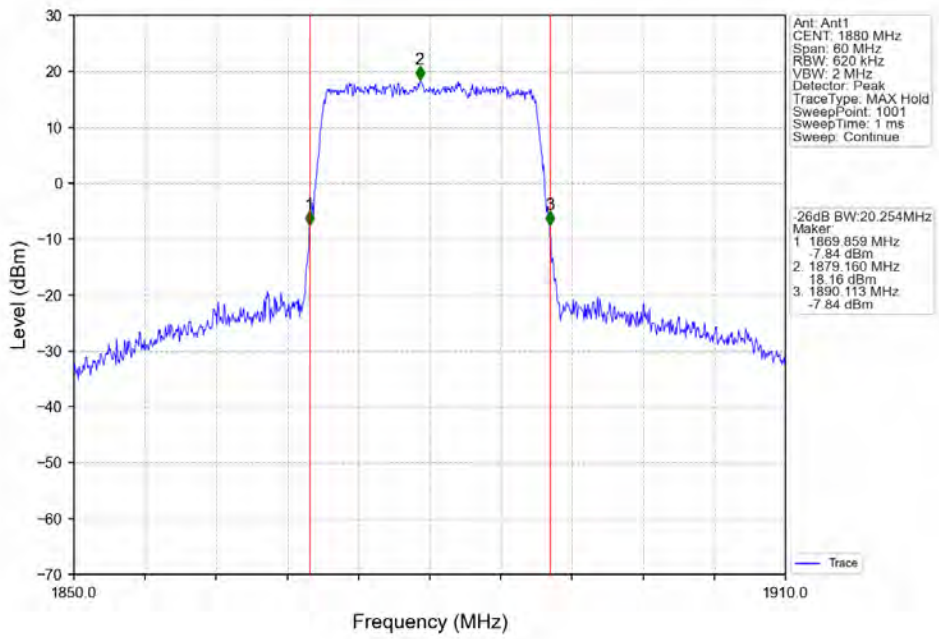

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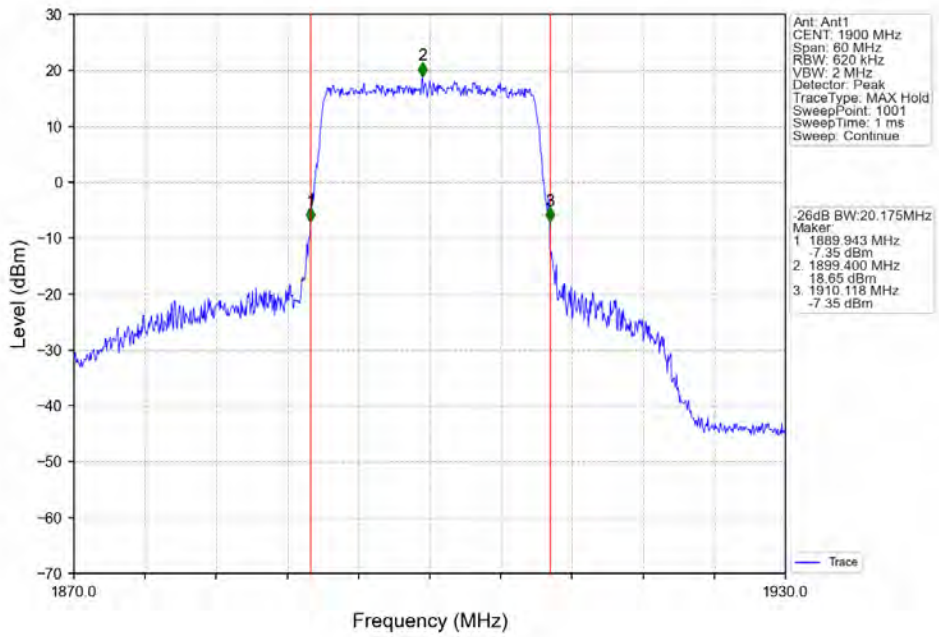
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV

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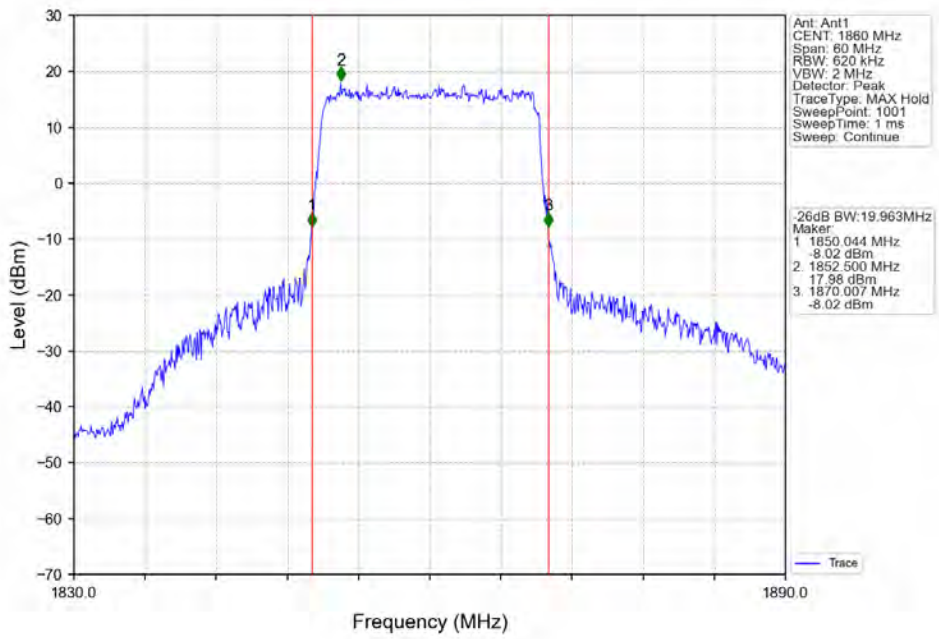

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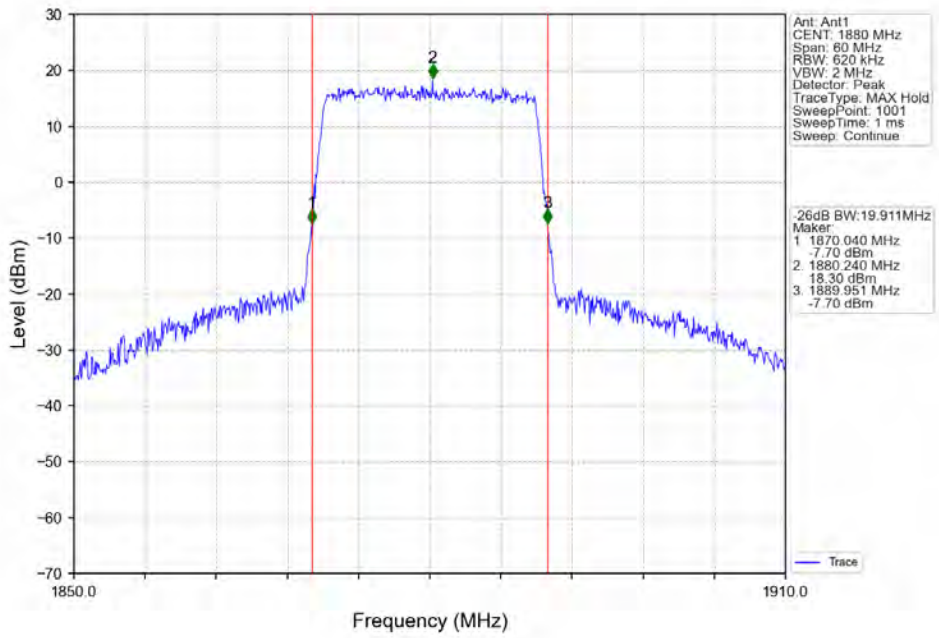
Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

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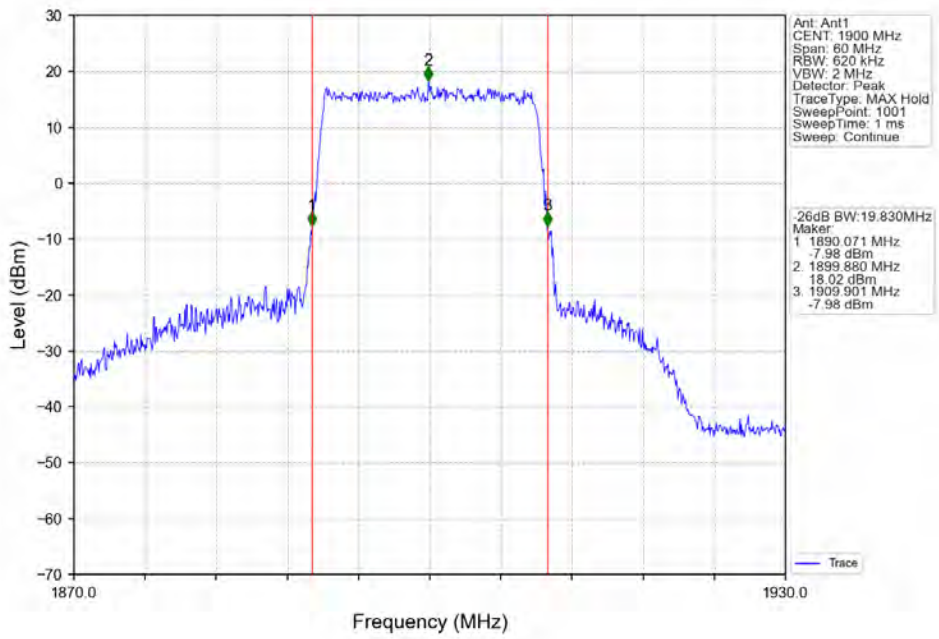

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4. Peak-Average Ratio

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	4.69	<=13	Pass
	1880	6	0	5.07	<=13	Pass
	1909.3	6	0	5.00	<=13	Pass
16QAM	1850.7	6	0	5.57	<=13	Pass
	1880	6	0	5.88	<=13	Pass
	1909.3	6	0	5.82	<=13	Pass

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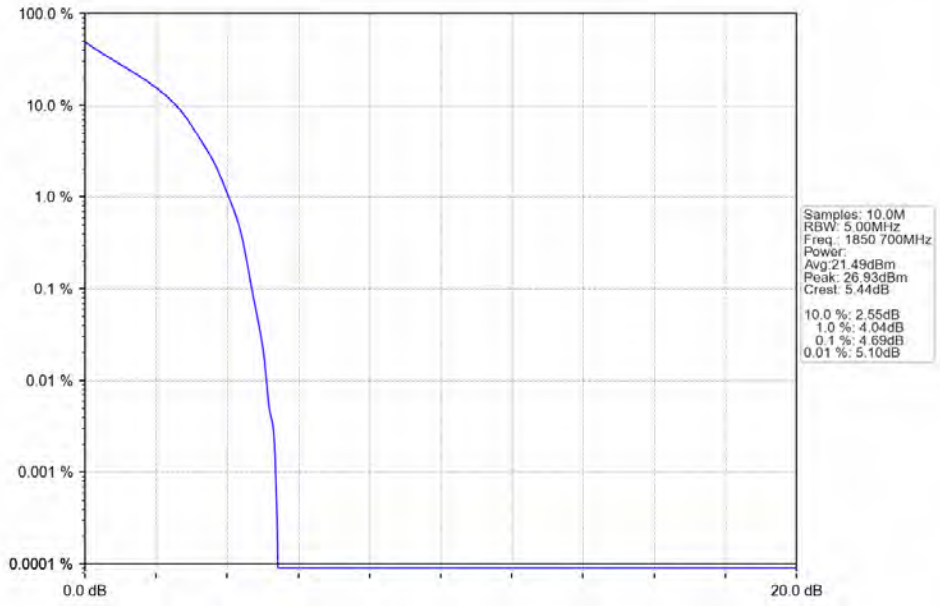
4.1.2 Test Graph

Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV

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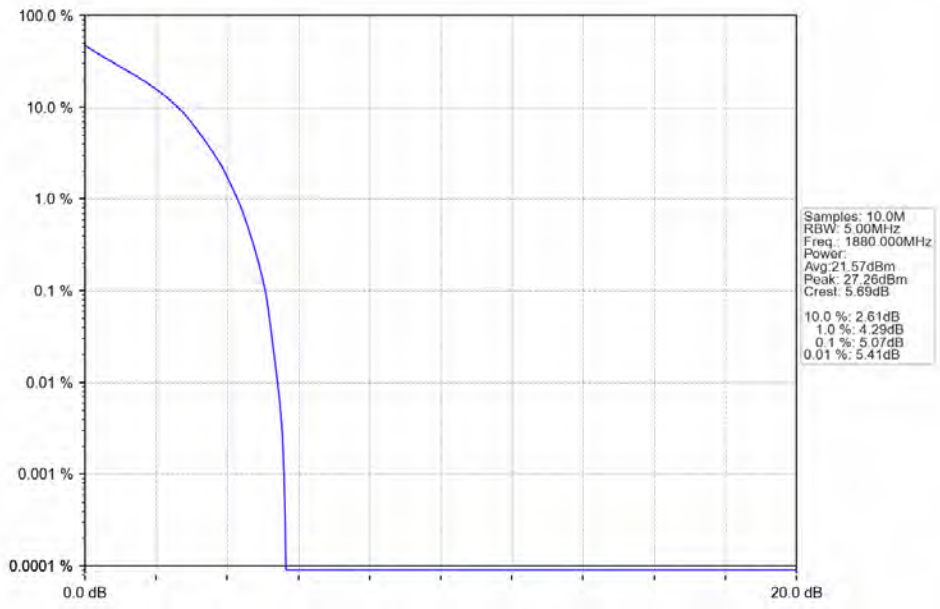

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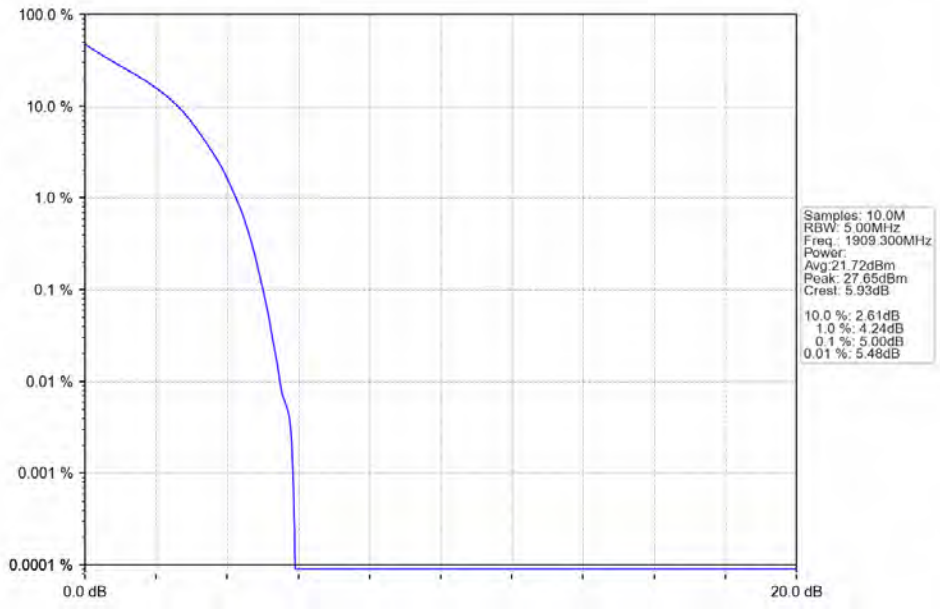
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

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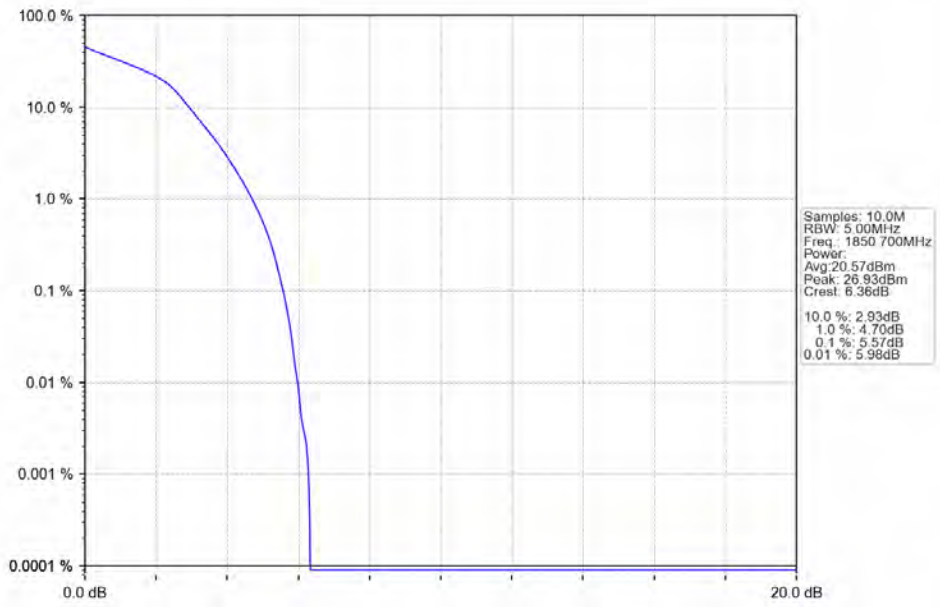

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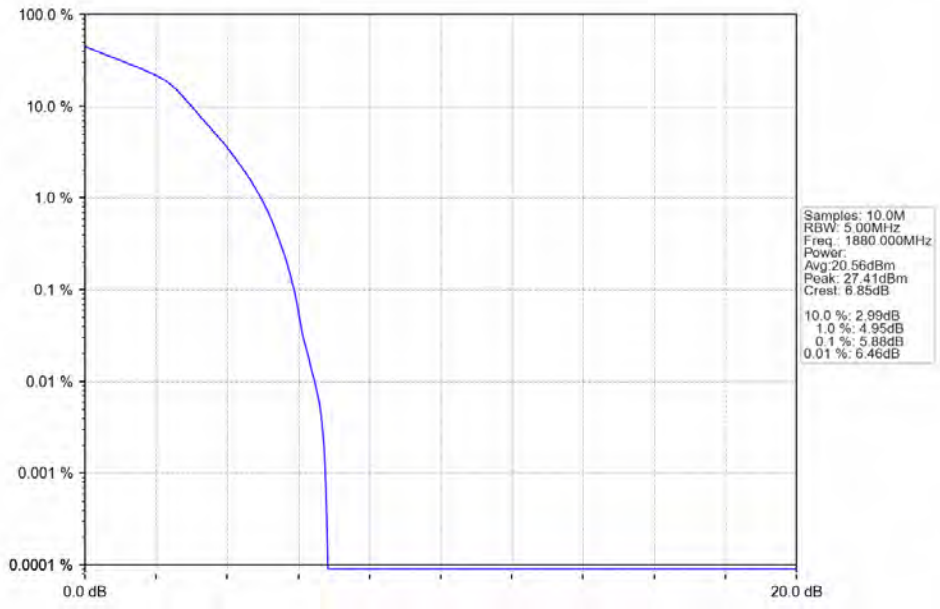

Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV

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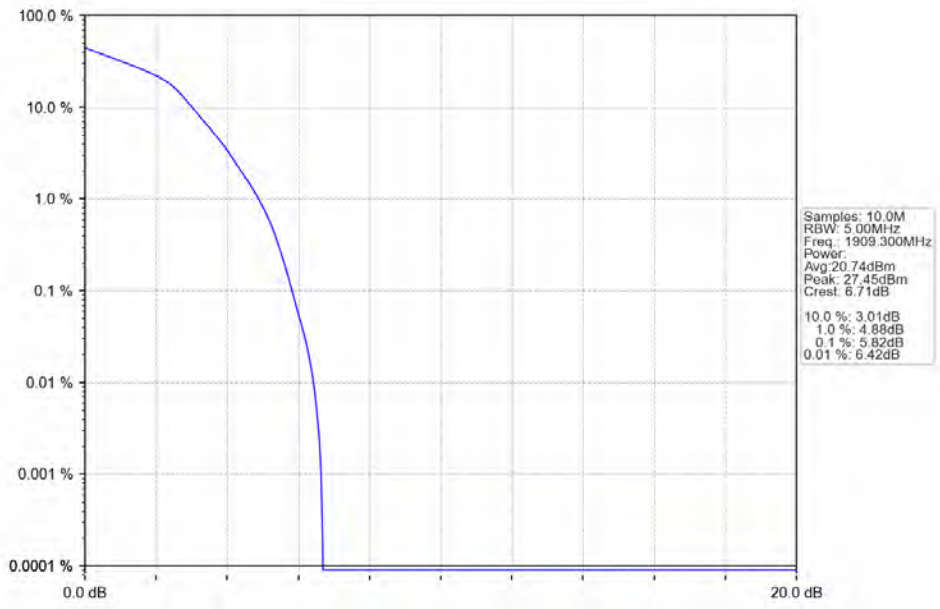

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4.2 B2_3MHz

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	4.90	<=13	Pass
	1880	15	0	5.10	<=13	Pass
	1908.5	15	0	5.16	<=13	Pass
16QAM	1851.5	15	0	5.73	<=13	Pass
	1880	15	0	5.97	<=13	Pass
	1908.5	15	0	5.97	<=13	Pass

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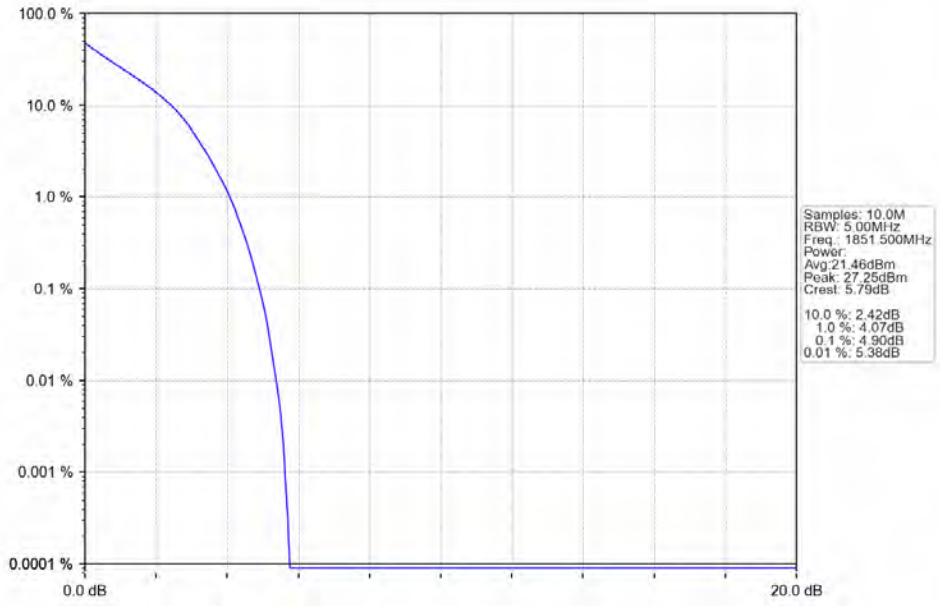
4.2.2 Test Graph

Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV

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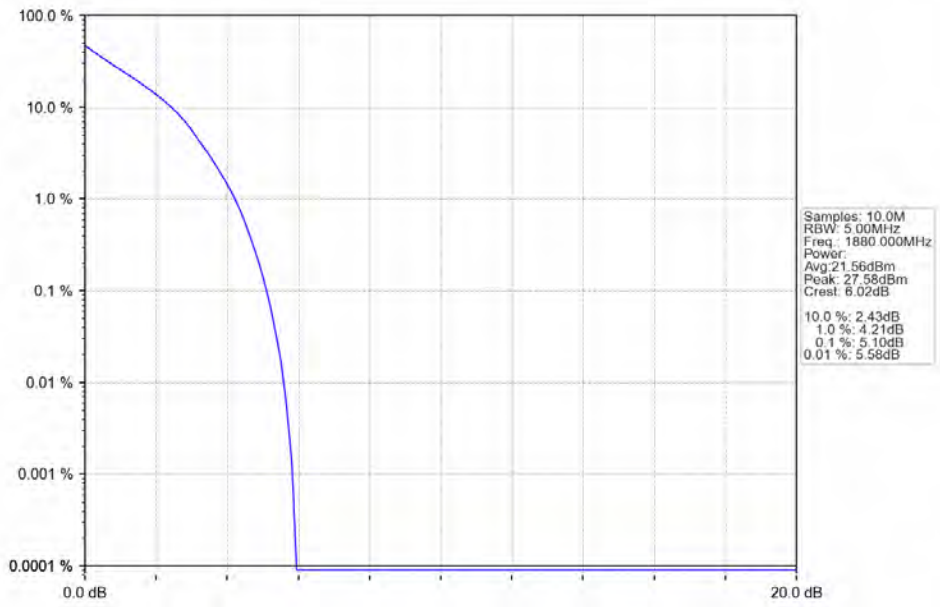

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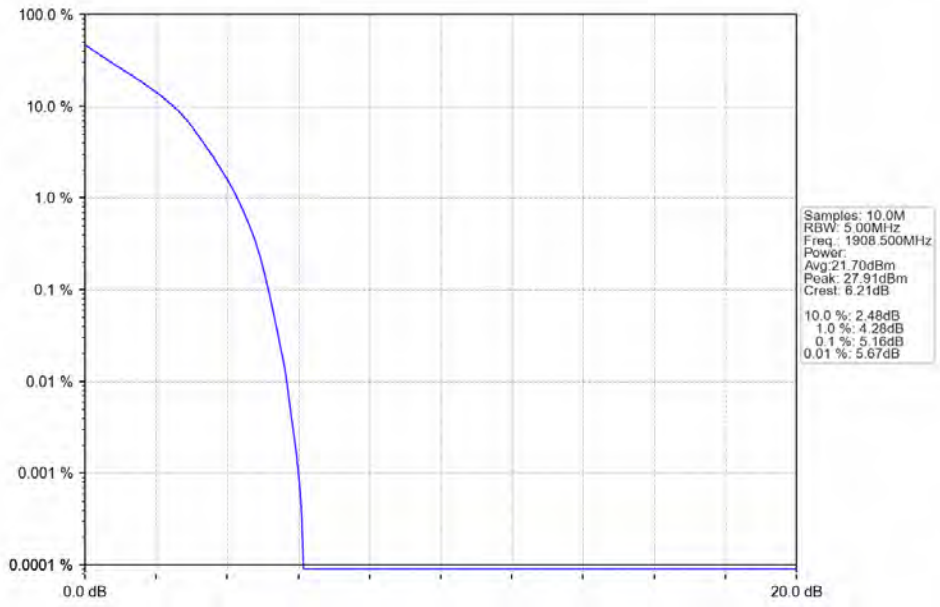
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

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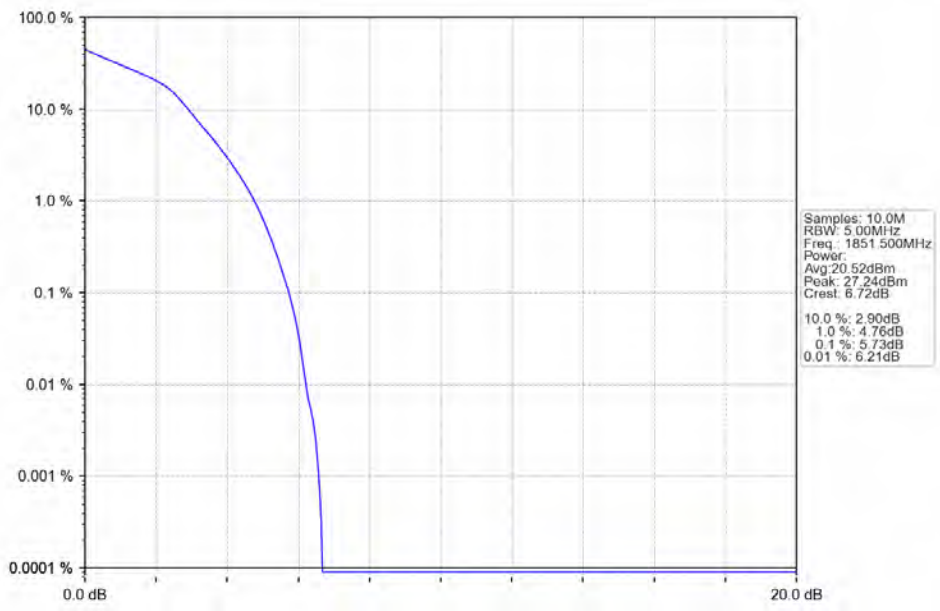

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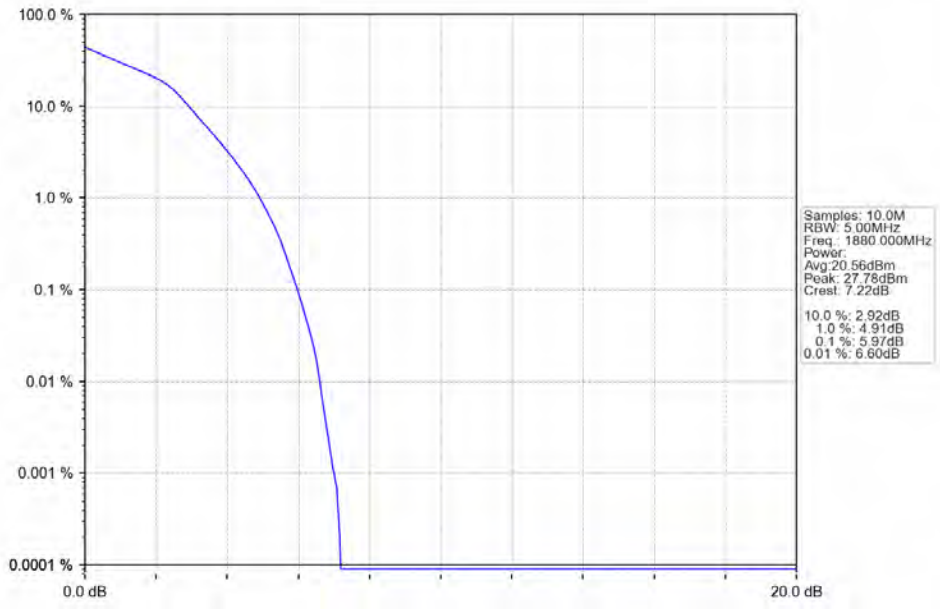
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV

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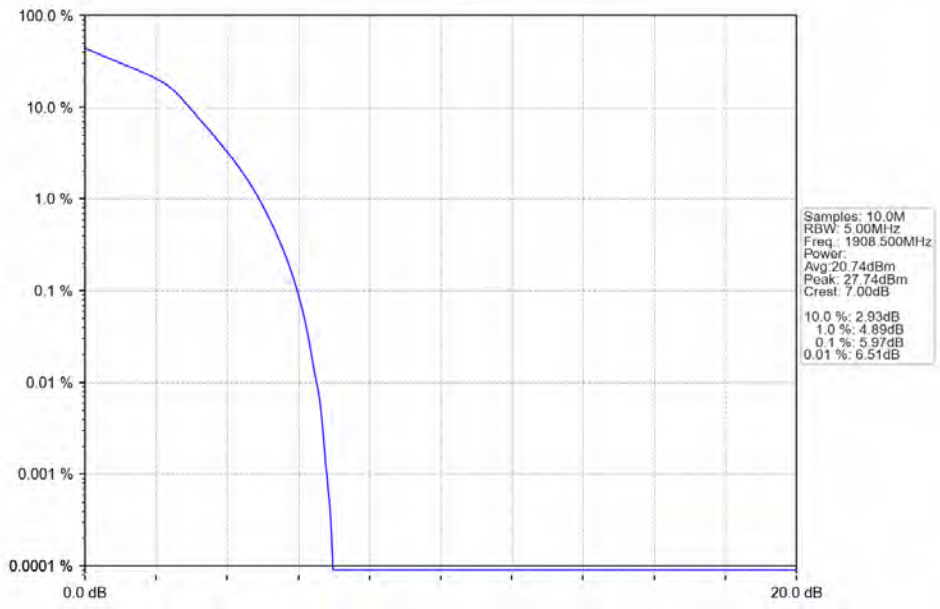

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4.3 B2_5MHz

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	5.25	<=13	Pass
	1880	25	0	5.39	<=13	Pass
	1907.5	25	0	5.38	<=13	Pass
16QAM	1852.5	25	0	5.93	<=13	Pass
	1880	25	0	6.08	<=13	Pass
	1907.5	25	0	6.12	<=13	Pass

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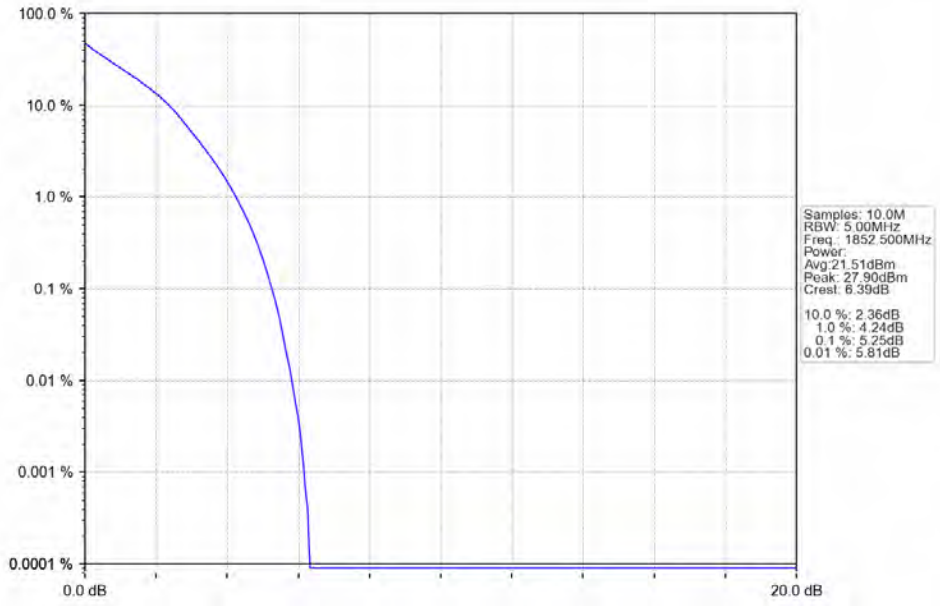
4.3.2 Test Graph

Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



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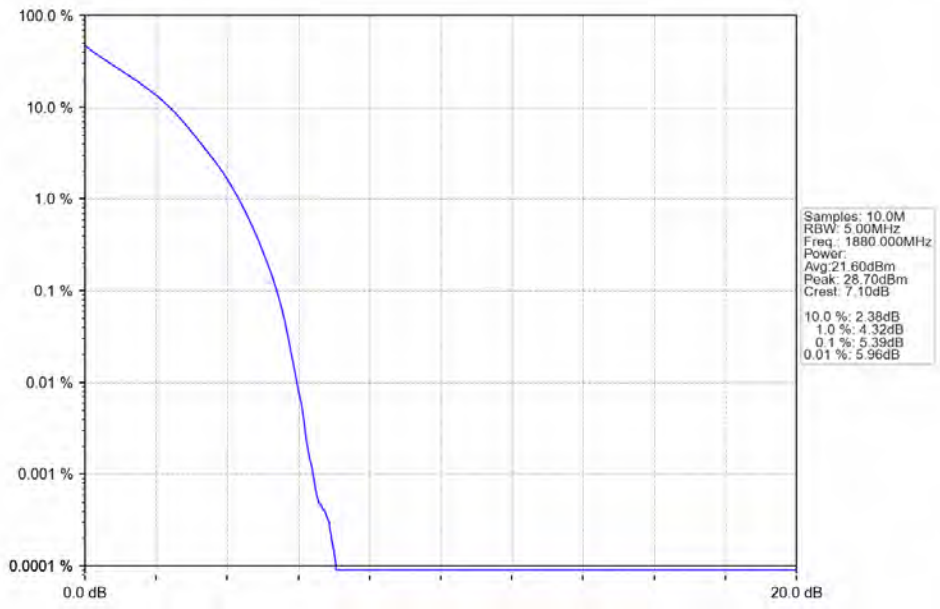

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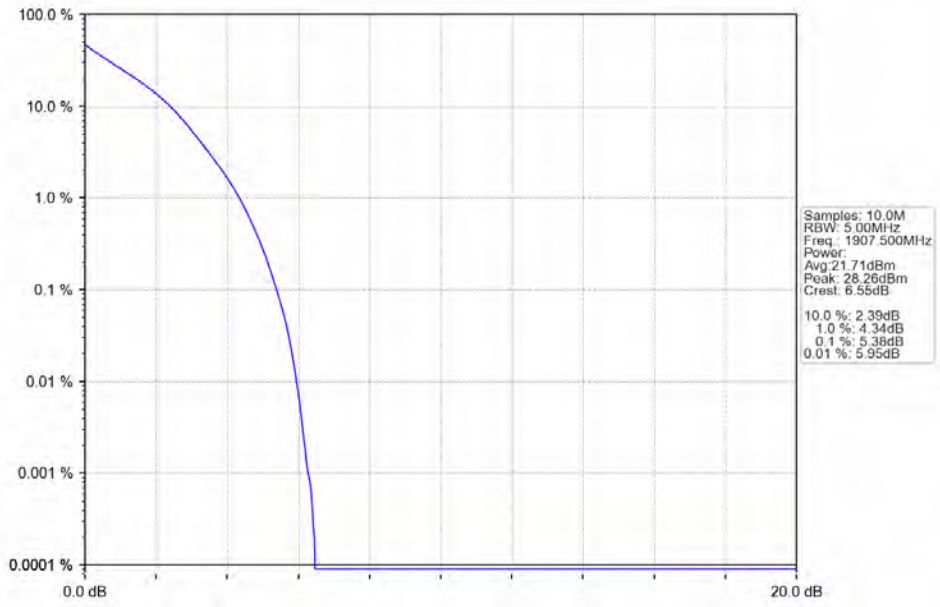
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



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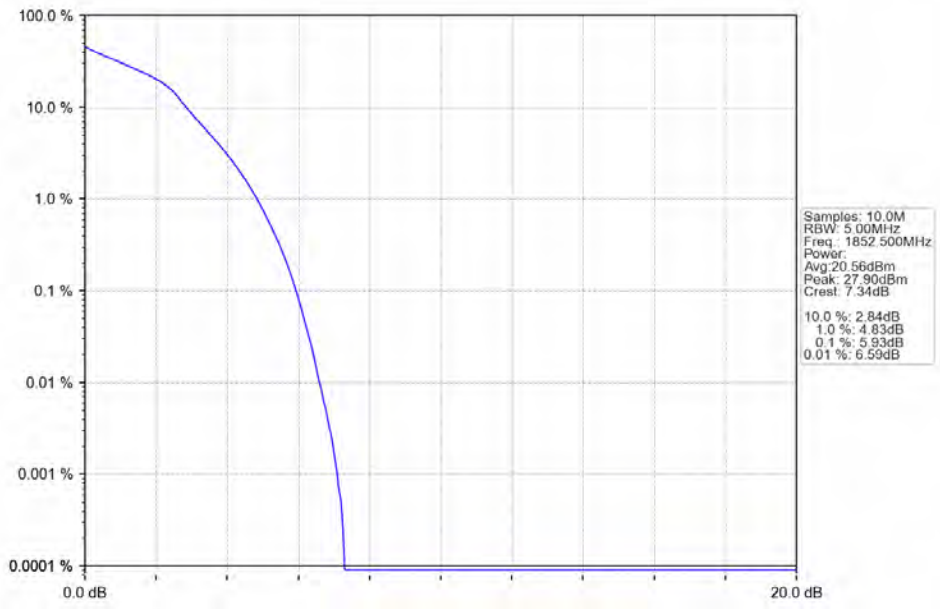

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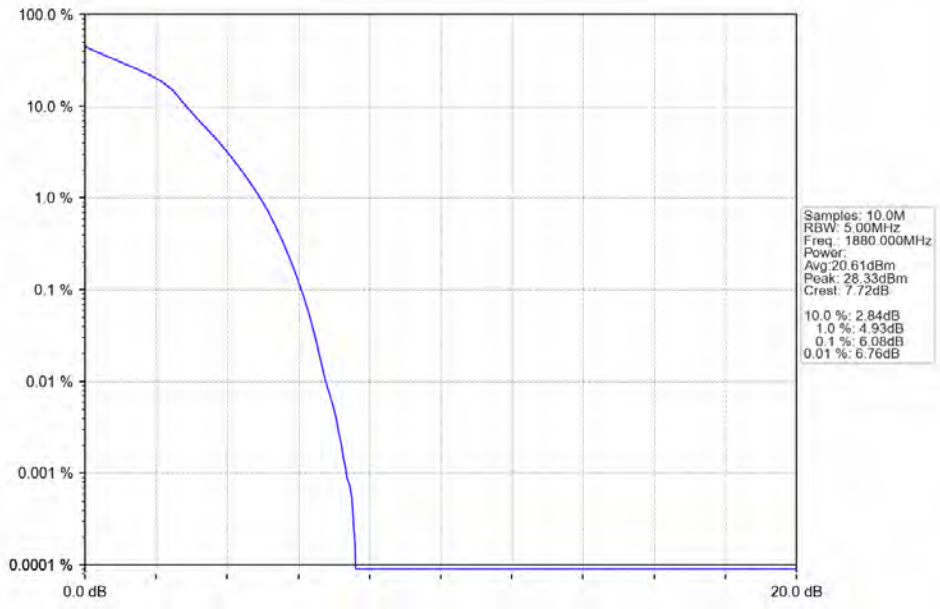

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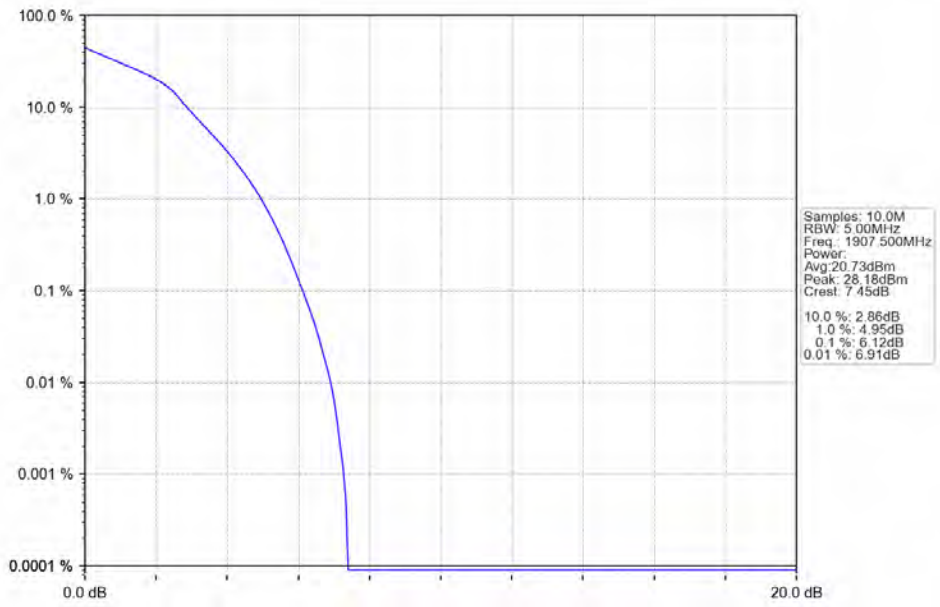

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4.4 B2_10MHz

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	5.34	<=13	Pass
	1880	50	0	5.37	<=13	Pass
	1905	50	0	5.41	<=13	Pass
16QAM	1855	50	0	6.04	<=13	Pass
	1880	50	0	6.13	<=13	Pass
	1905	50	0	6.19	<=13	Pass

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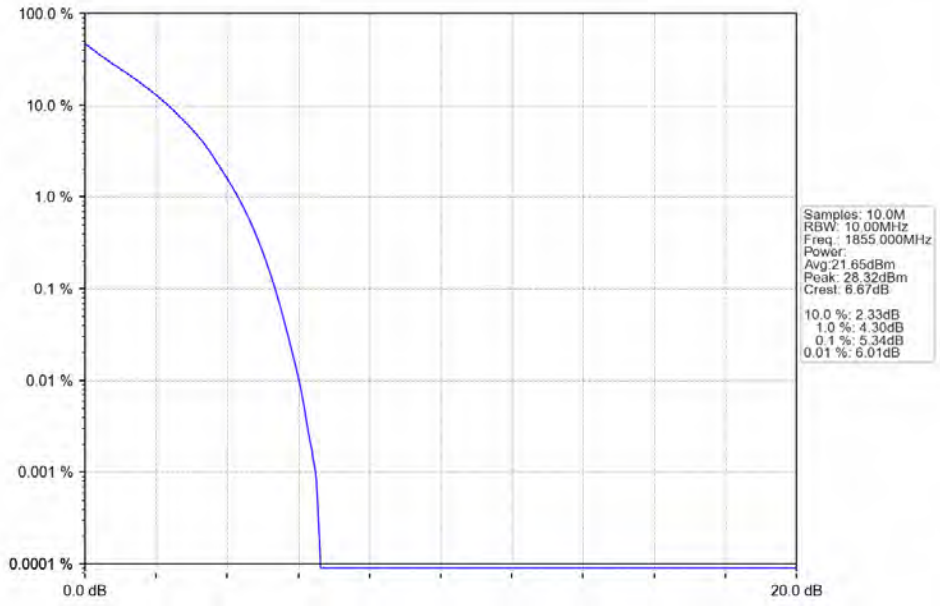
4.4.2 Test Graph

Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV

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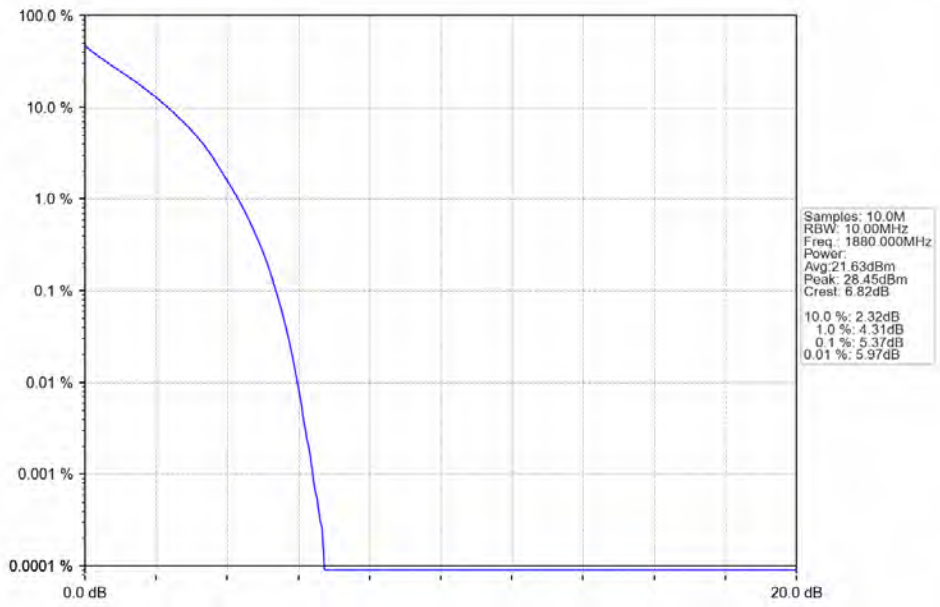

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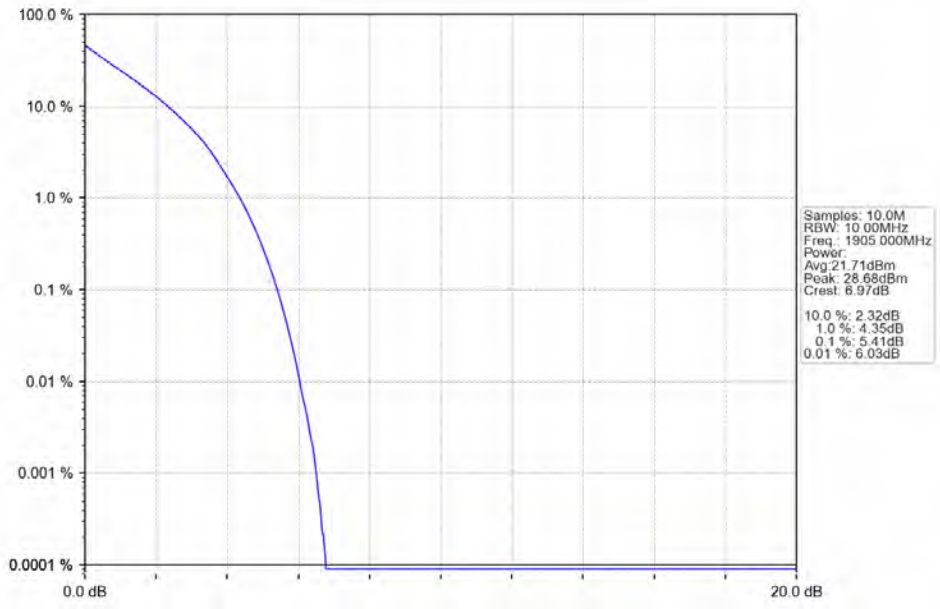
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV

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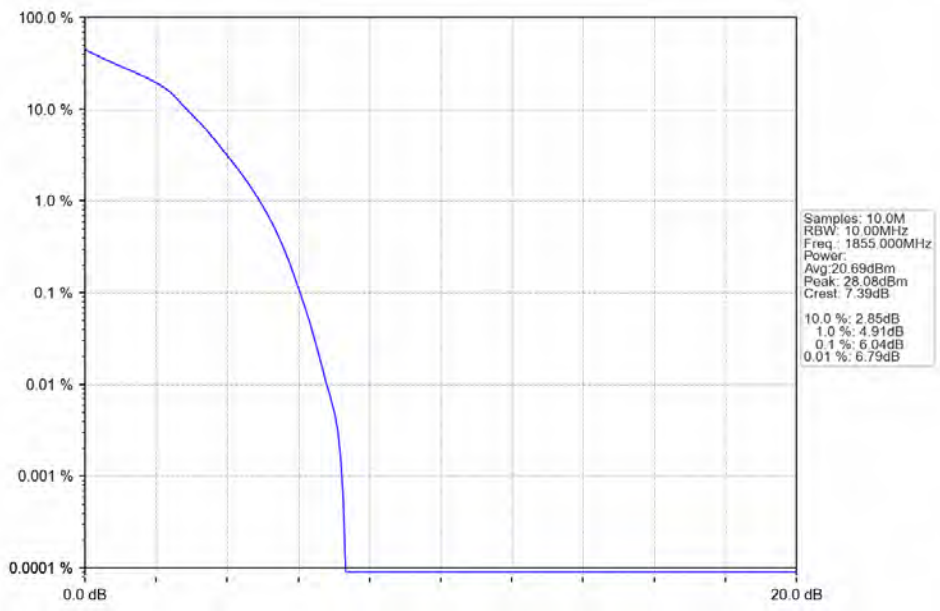

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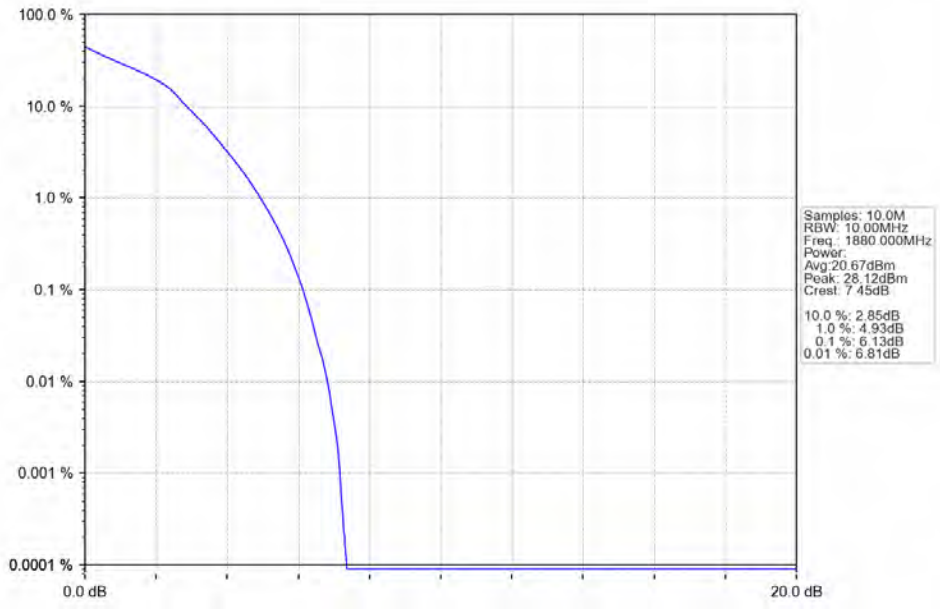

Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV

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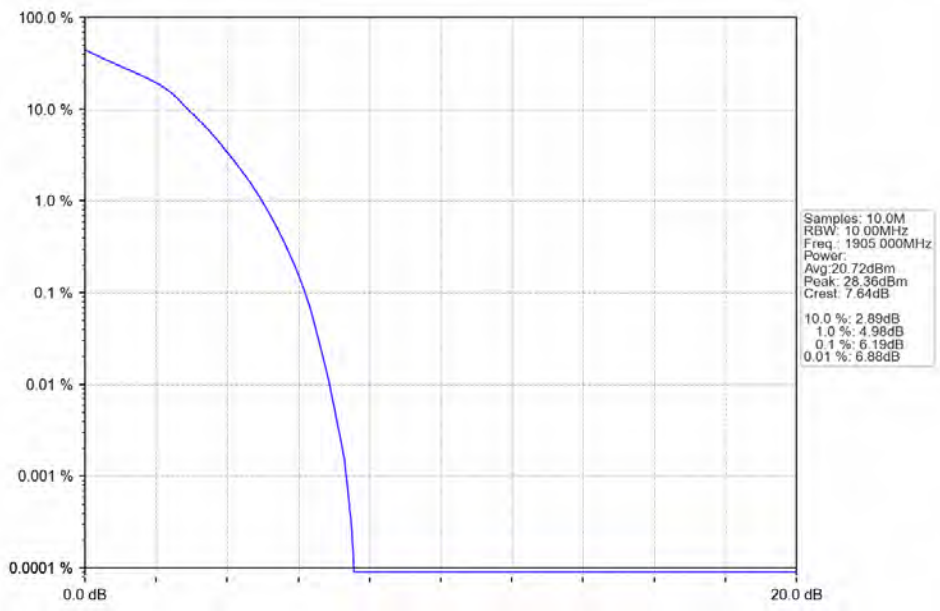

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4.5 B2_15MHz

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	5.53	<=13	Pass
	1880	75	0	5.52	<=13	Pass
	1902.5	75	0	5.55	<=13	Pass
16QAM	1857.5	75	0	6.12	<=13	Pass
	1880	75	0	6.11	<=13	Pass
	1902.5	75	0	6.14	<=13	Pass

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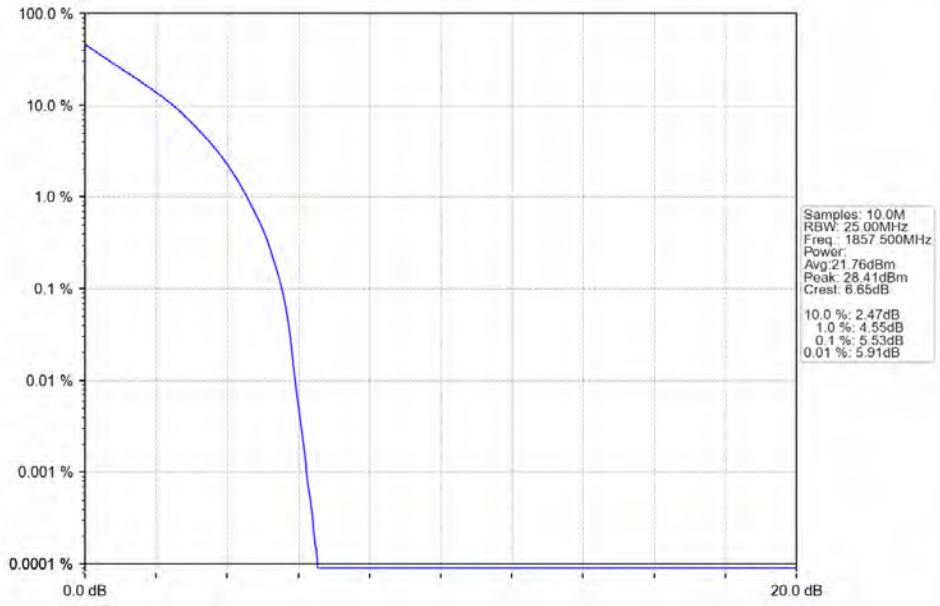
4.5.2 Test Graph

Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



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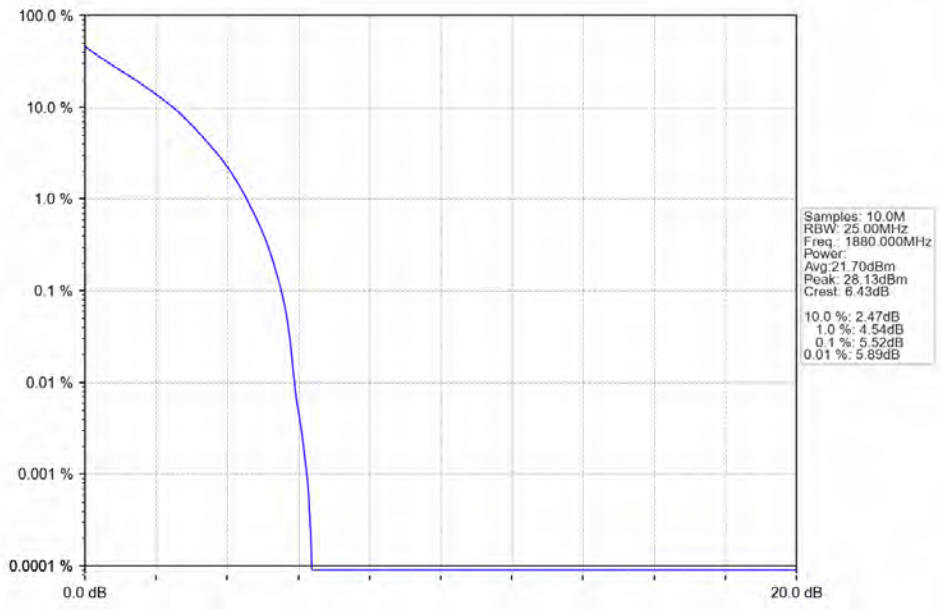

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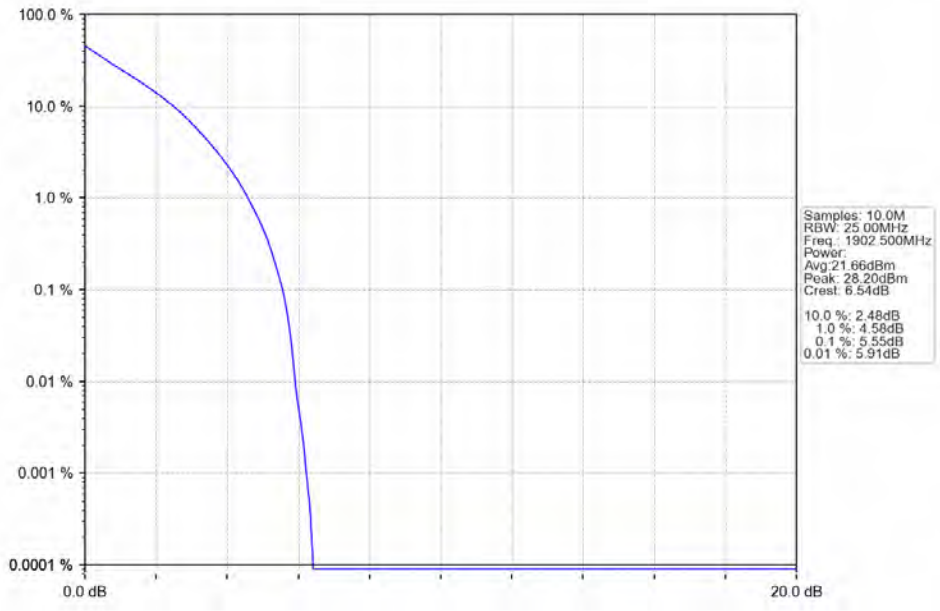
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV

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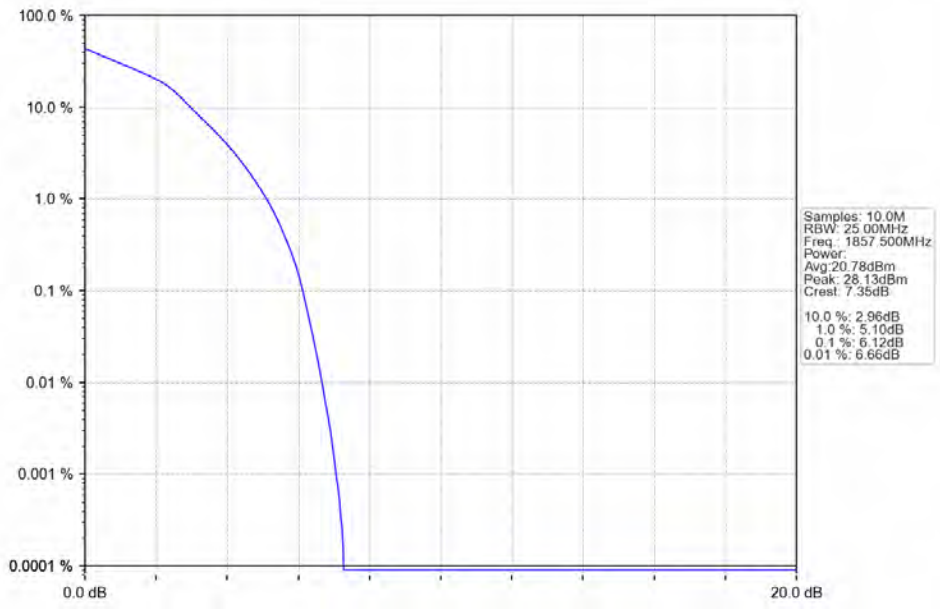

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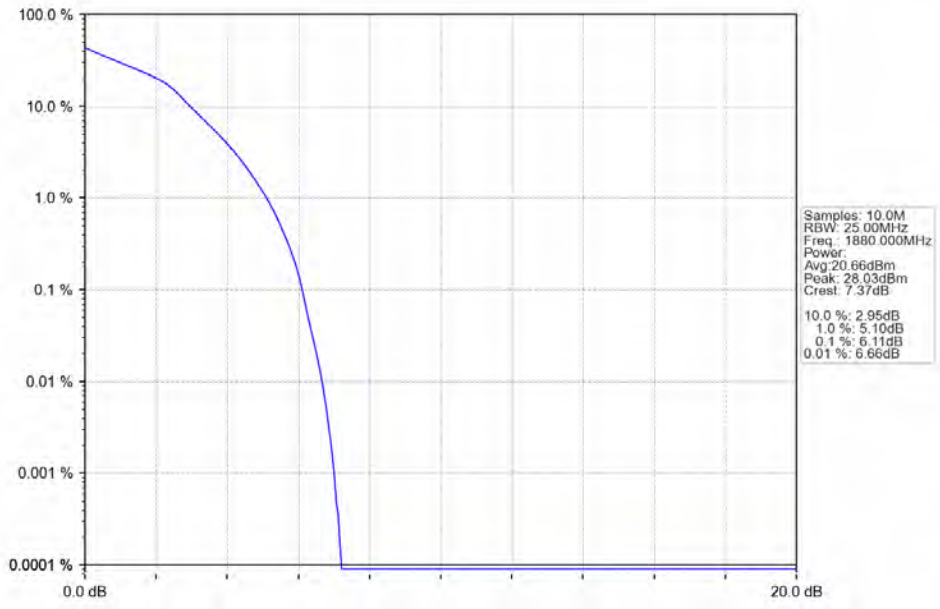
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV

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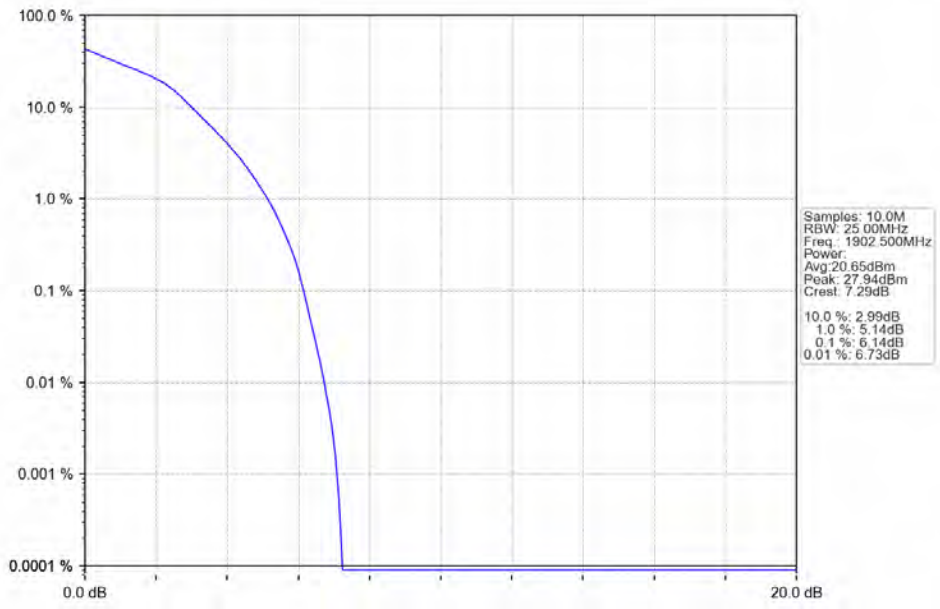

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4.6 B2_20MHz

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	5.41	<=13	Pass
	1880	100	0	5.37	<=13	Pass
	1900	100	0	5.42	<=13	Pass
16QAM	1860	100	0	6.17	<=13	Pass
	1880	100	0	6.14	<=13	Pass
	1900	100	0	6.16	<=13	Pass

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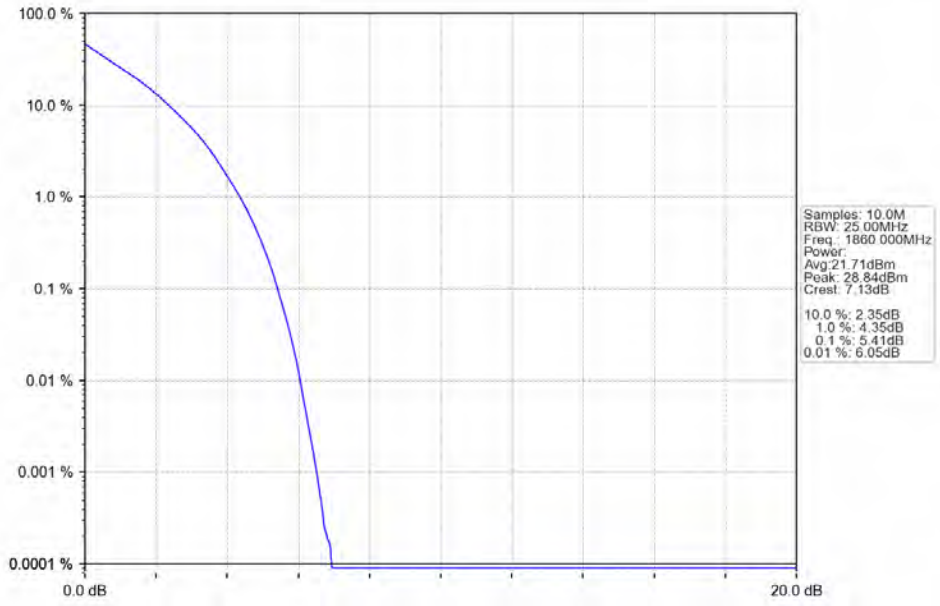
4.6.2 Test Graph

Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV

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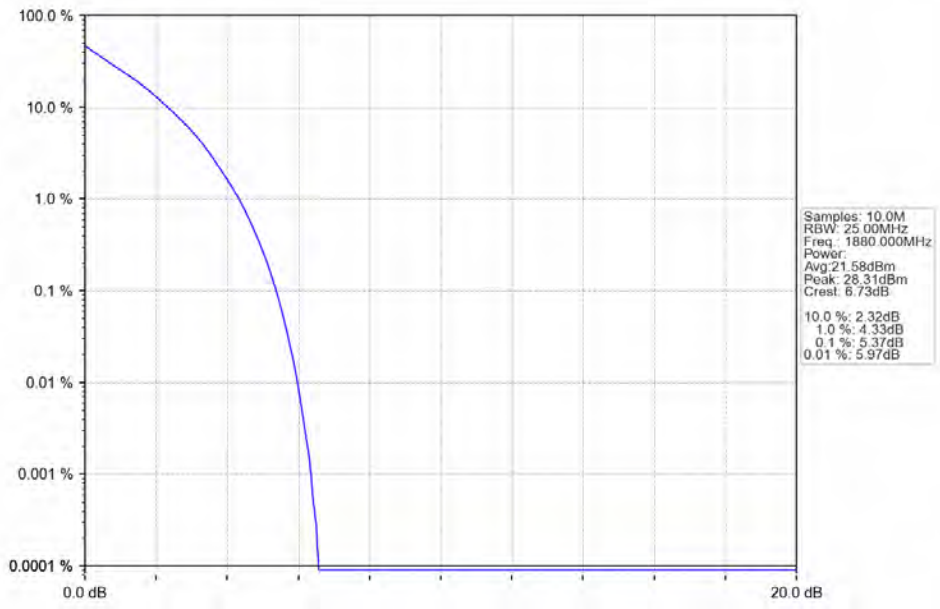

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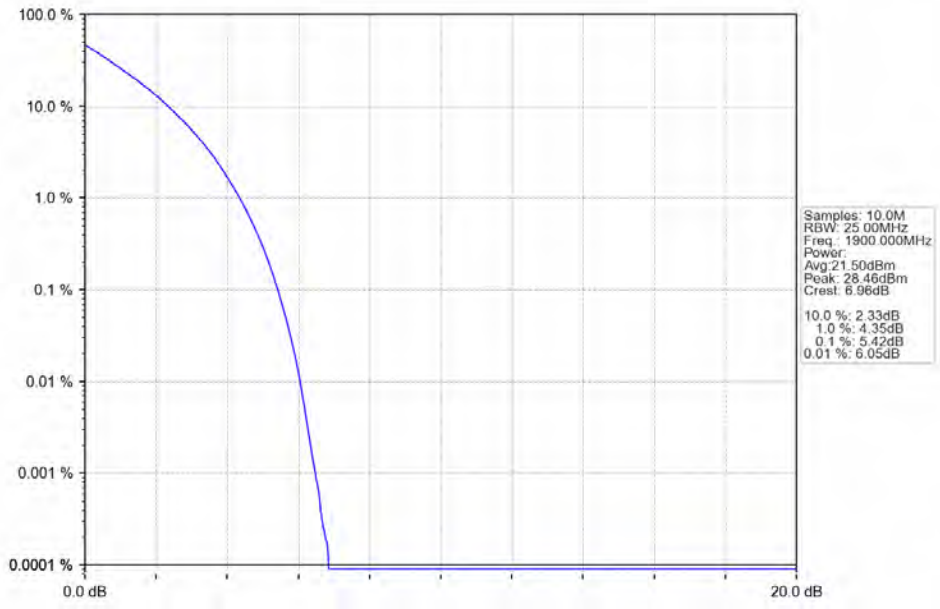

Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV

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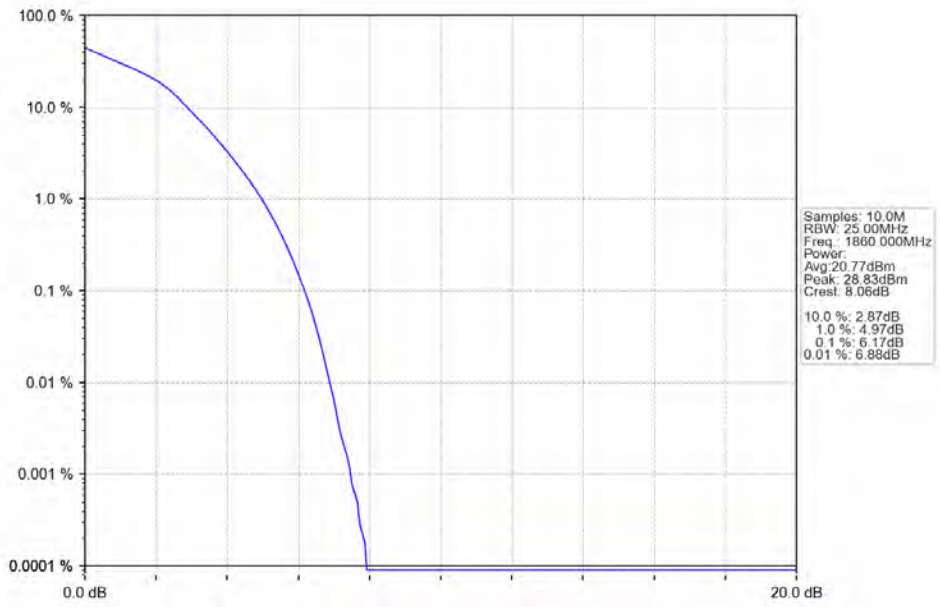

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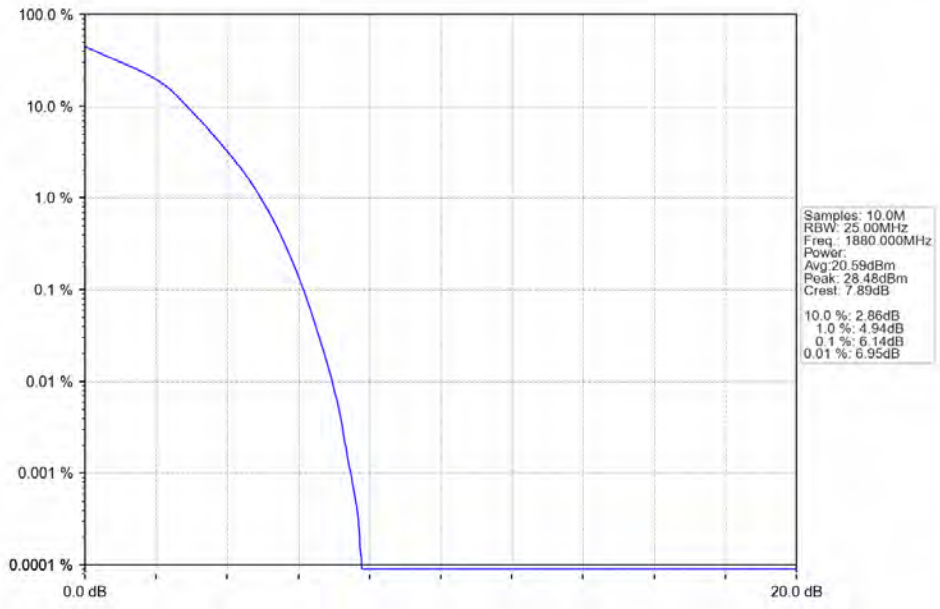
Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



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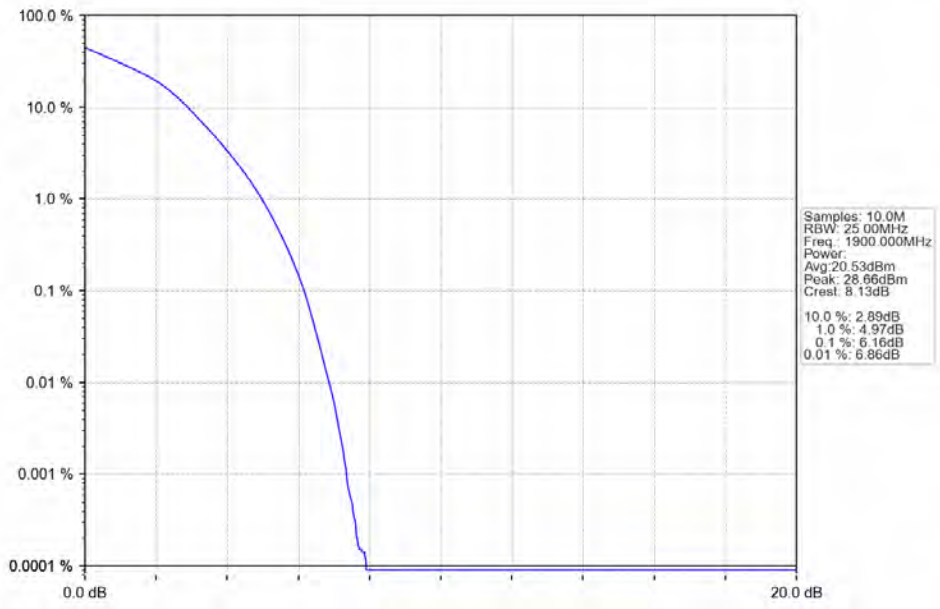

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5. Spurious Emission & Band Edges

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
	1880	1	0	Refer To Test Graph		Pass
	1909.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1909.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

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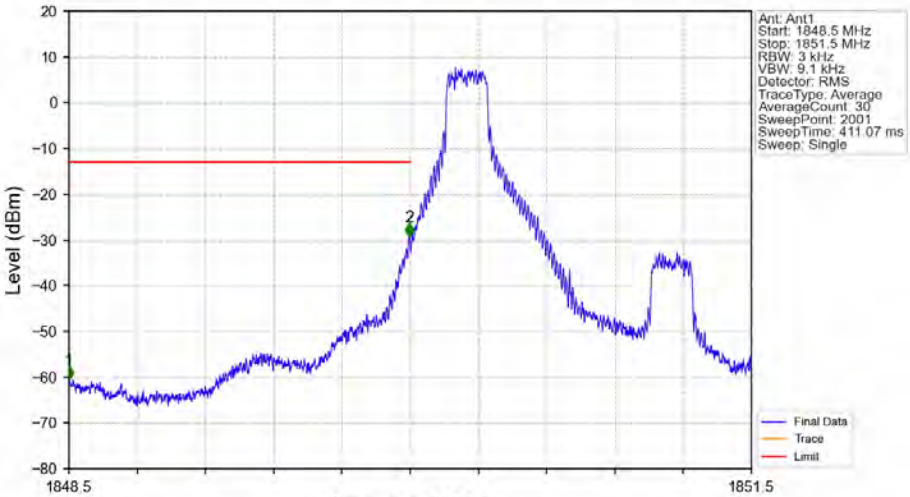
5.1.2 Test Graph

Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.500	-60.59	-13	Pass
1849	1850	0.003	/	2	1849.997	-29.43	-13	Pass
1850	1851.5	0.003	/	/	/	/	/	/

Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

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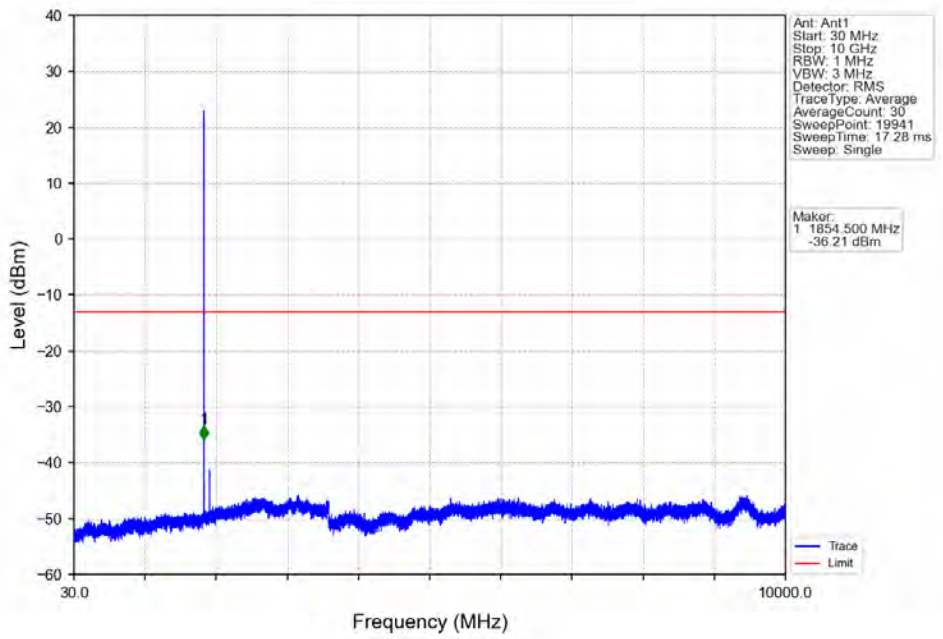

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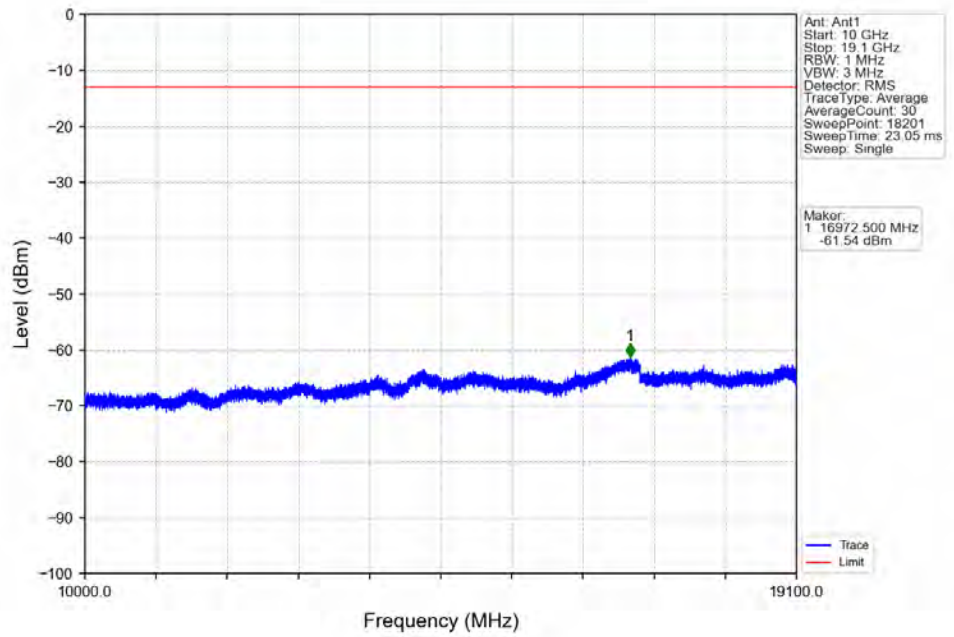
Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

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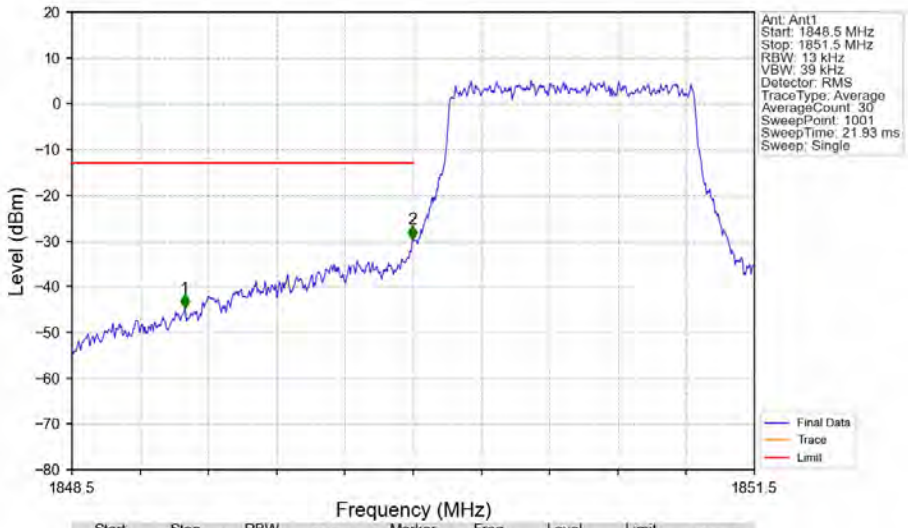

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.995	-44.75	-13	Pass
1849	1850	0.013	/	2	1849.997	-29.66	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

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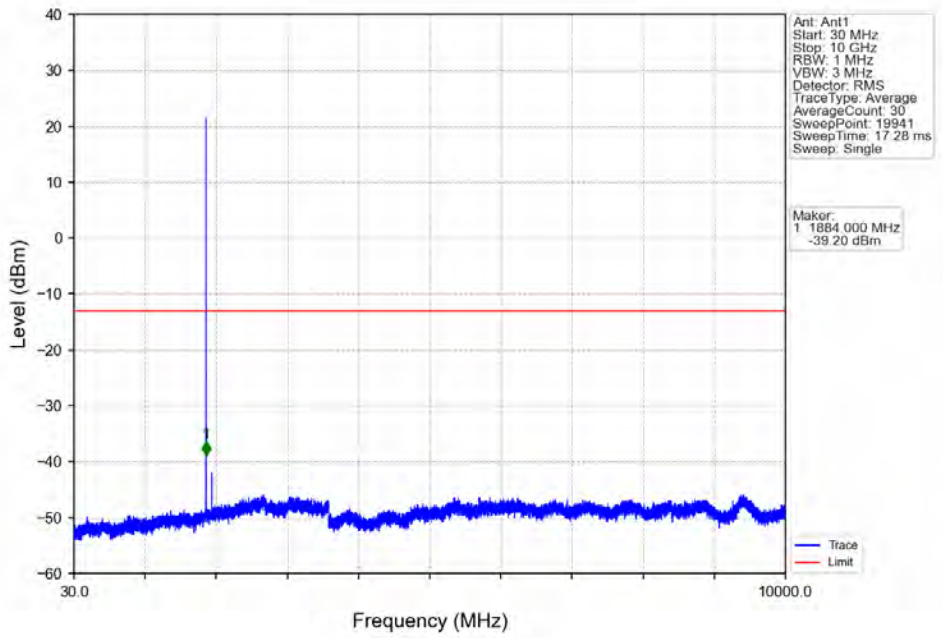
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV

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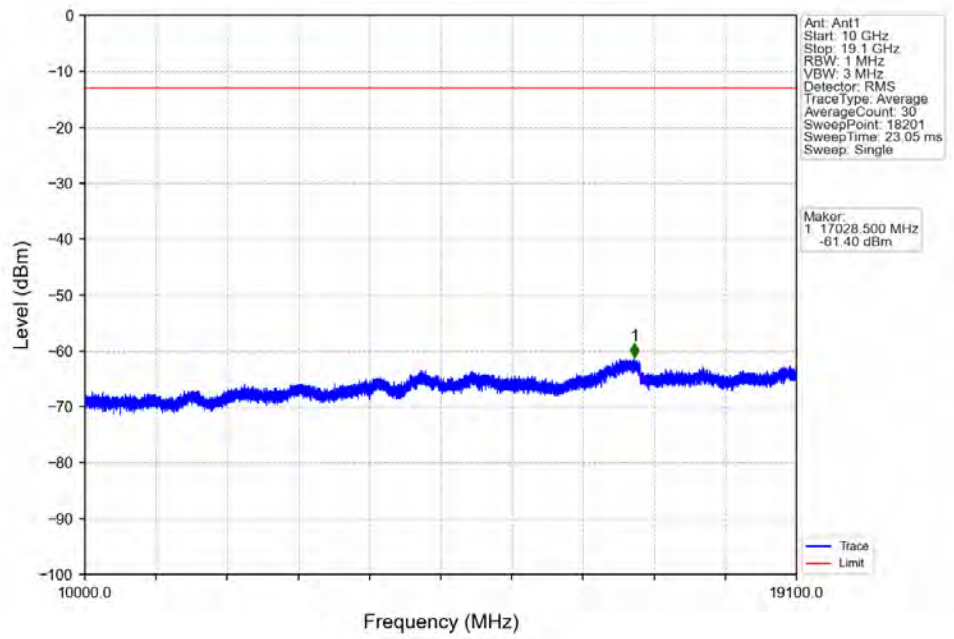

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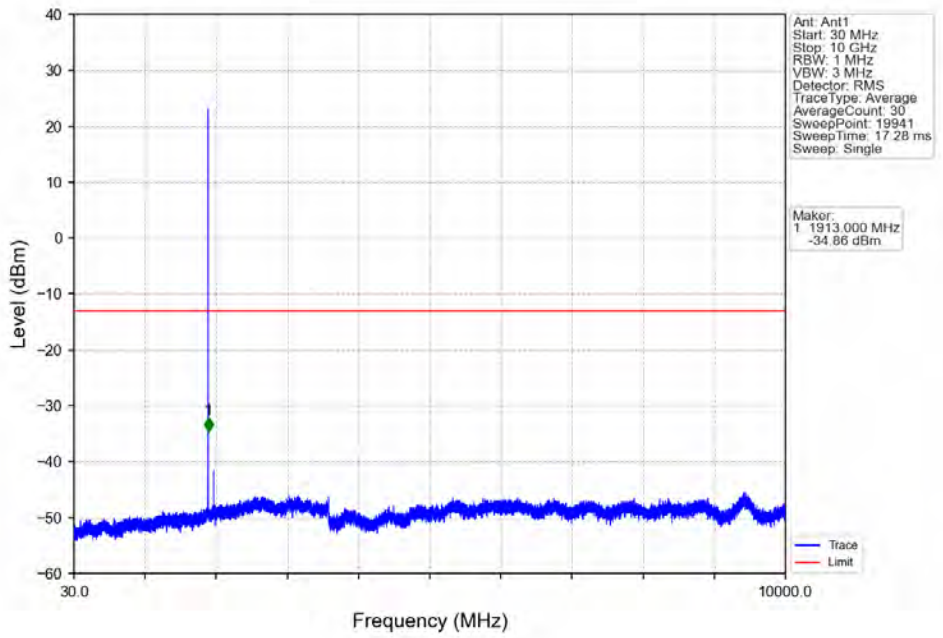
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV



Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV

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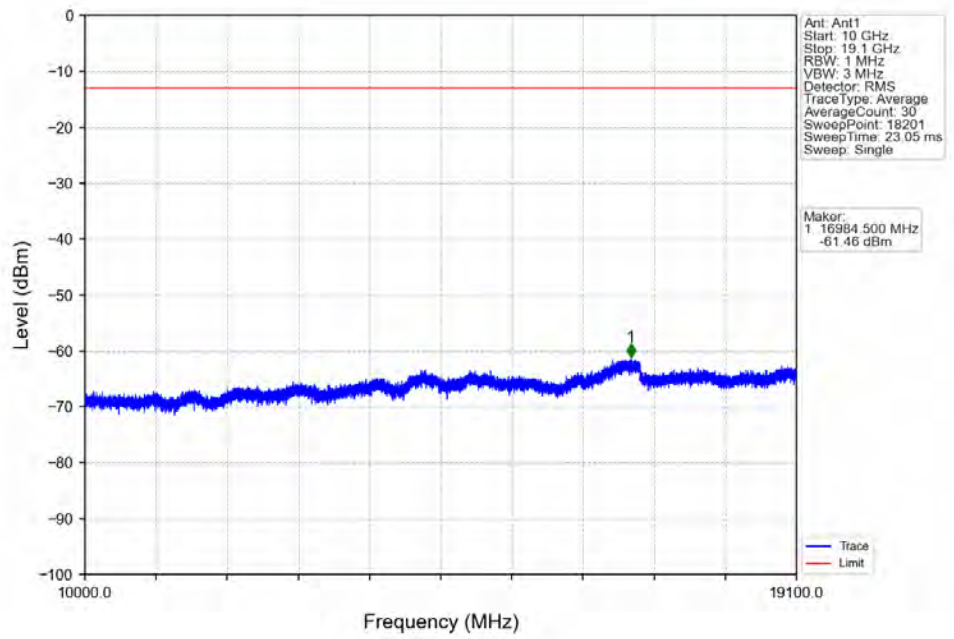

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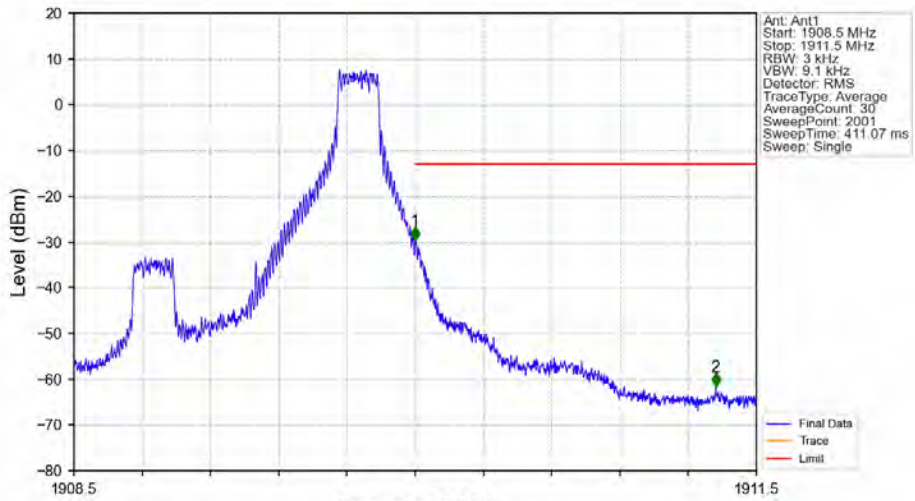

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.000	-29.80	-13	Pass
1911	1911.5	1	/	2	1911.322	-61.69	-13	Pass

Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV

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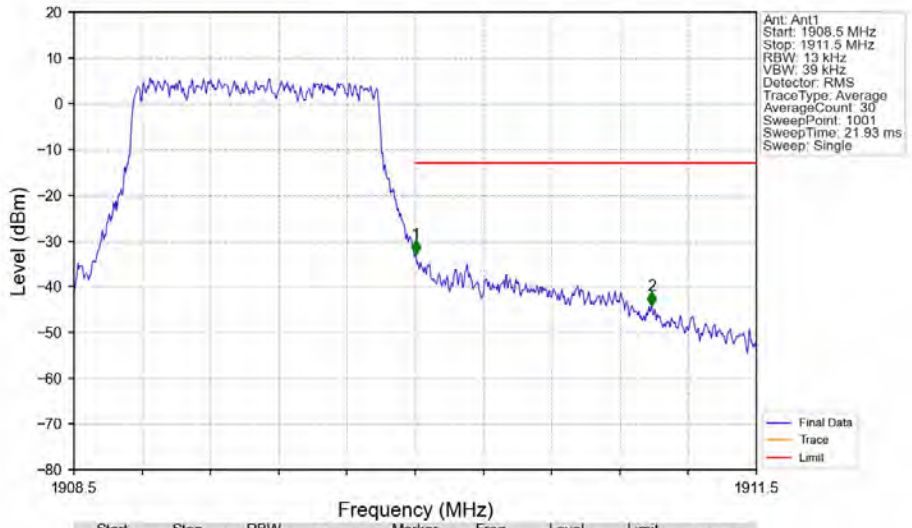

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.013	/	/	/	/	/	/
1910	1911	0.013	/	1	1910.003	-32.87	-13	Pass
1911	1911.5	1	/	2	1911.038	-44.22	-13	Pass

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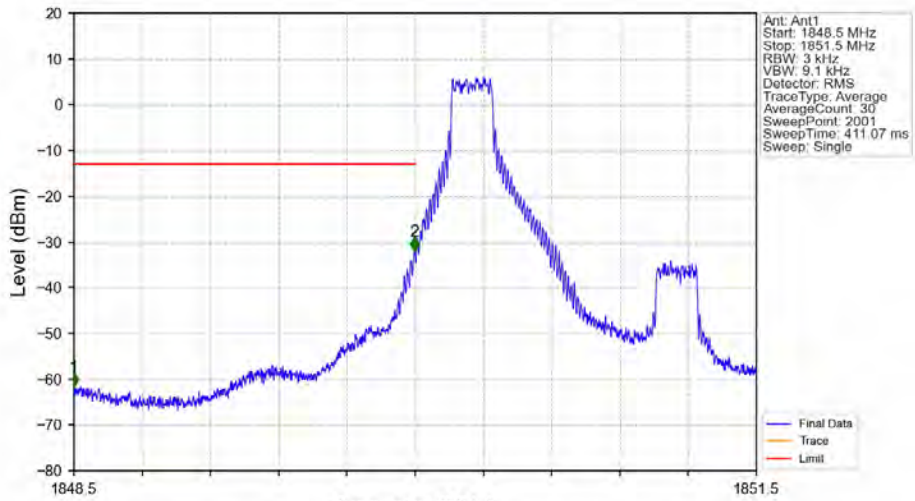
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.500	-61.62	-13	Pass
1849	1850	0.003	/	2	1849.995	-32.04	-13	Pass
1850	1851.5	0.003	/	/	/	/	/	/

Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV

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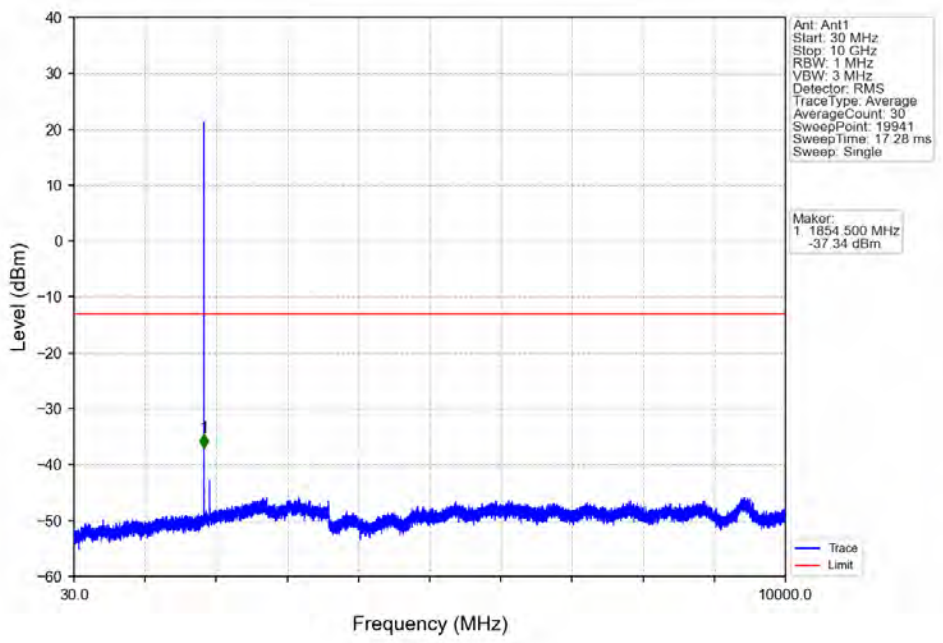

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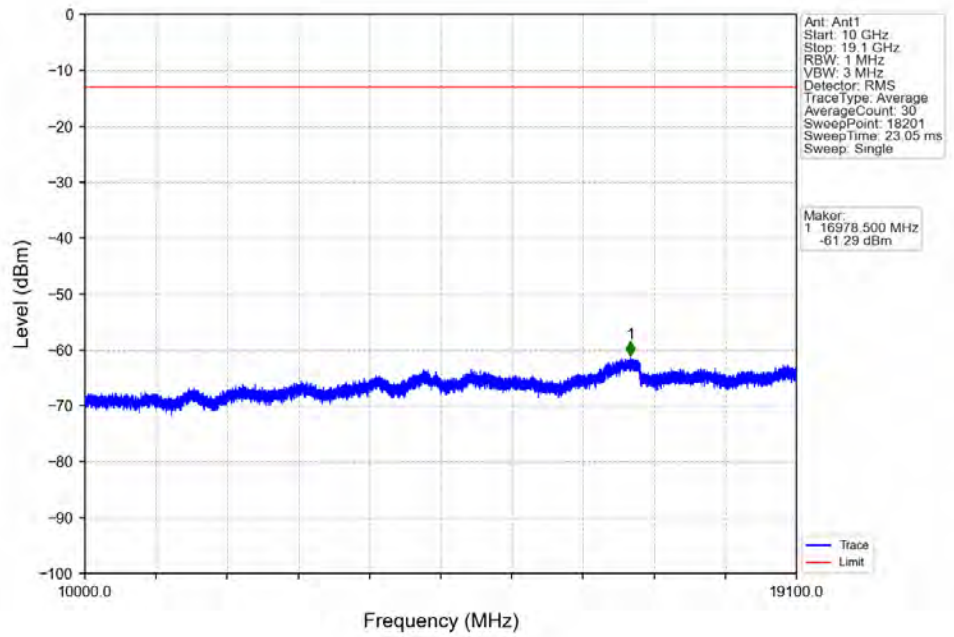

Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

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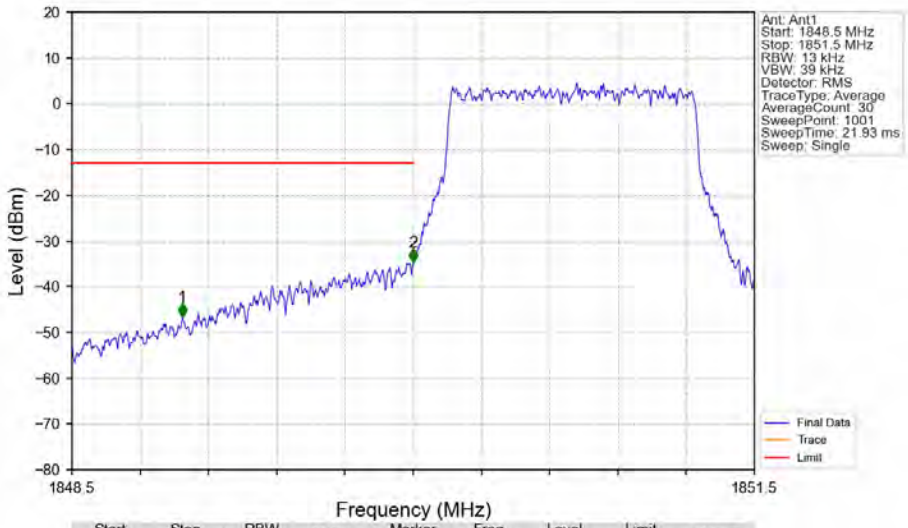

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.986	-46.63	-13	Pass
1849	1850	0.013	/	2	1850.000	-34.68	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

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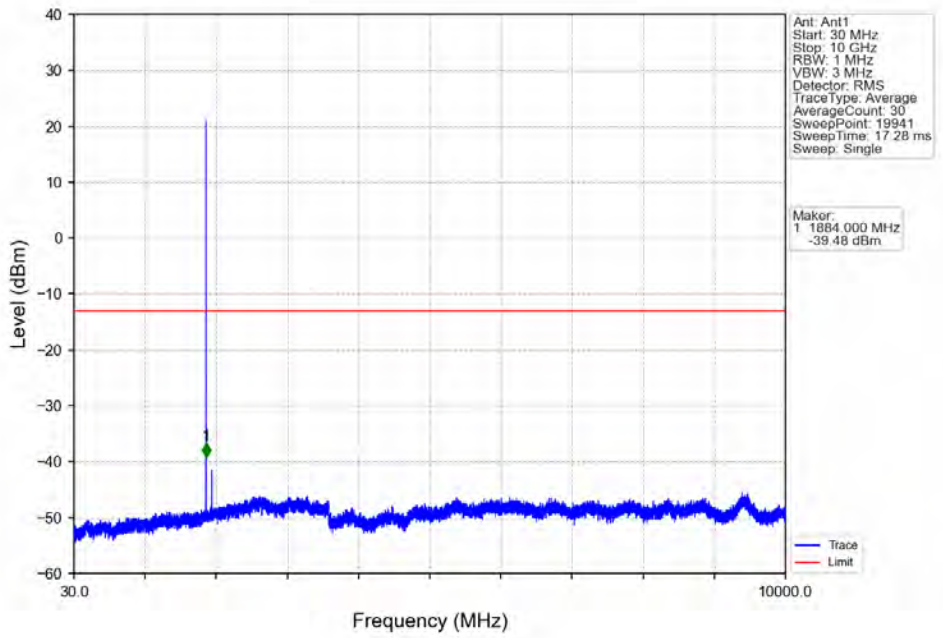

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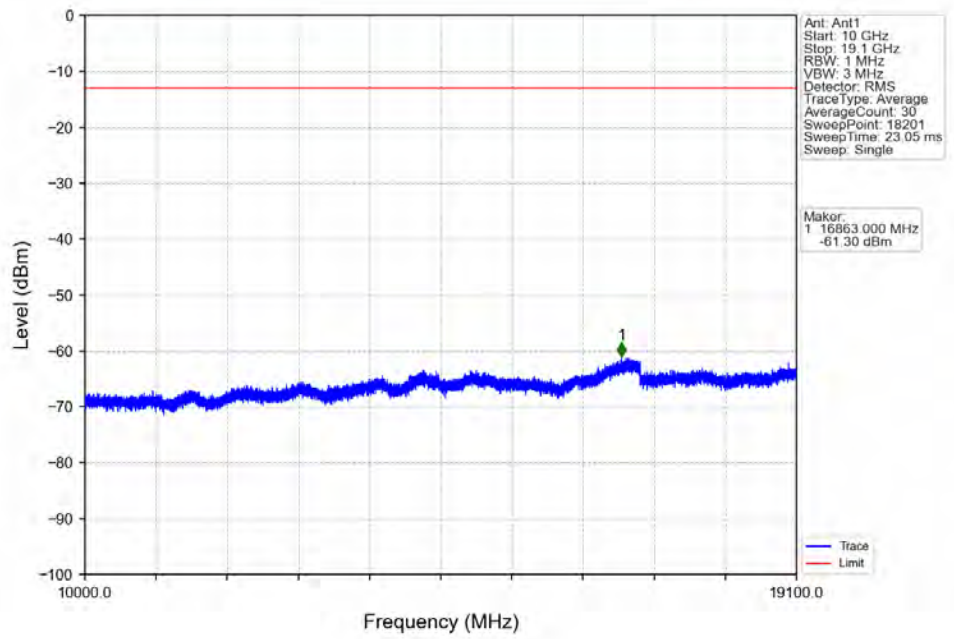

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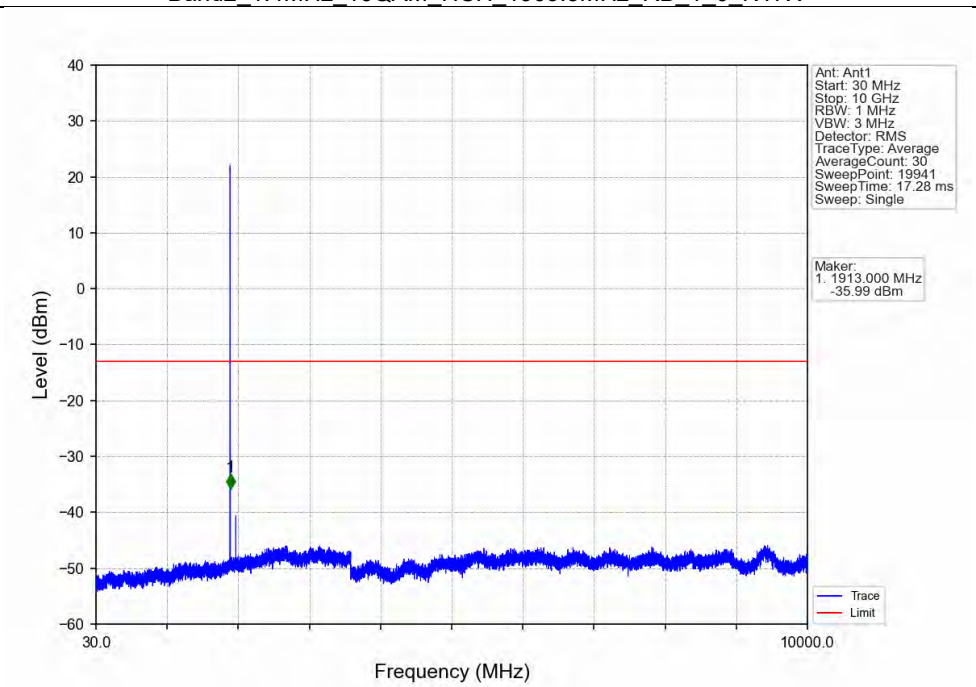
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_1_0_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_1_0_NTNV

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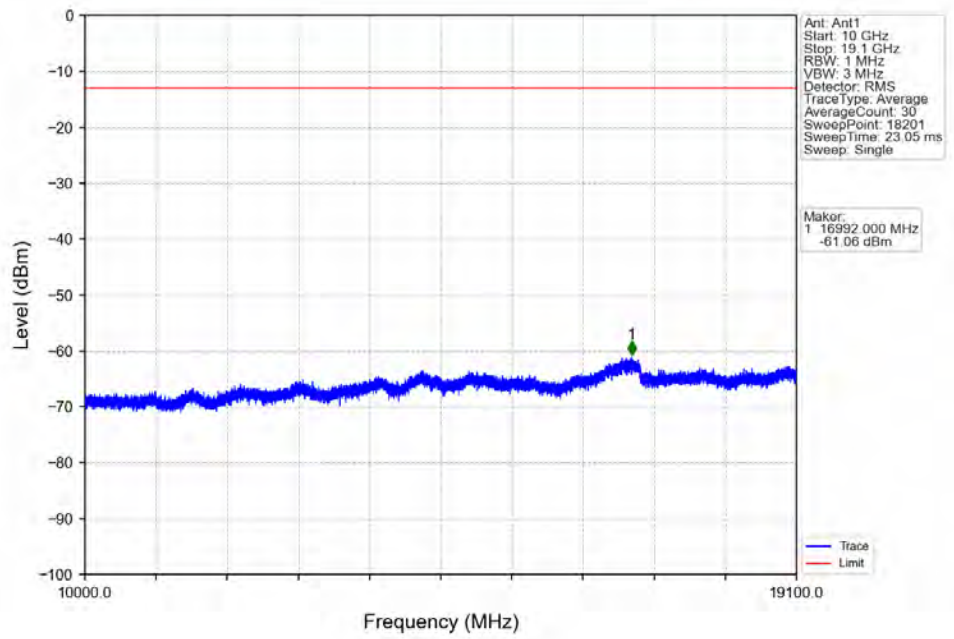

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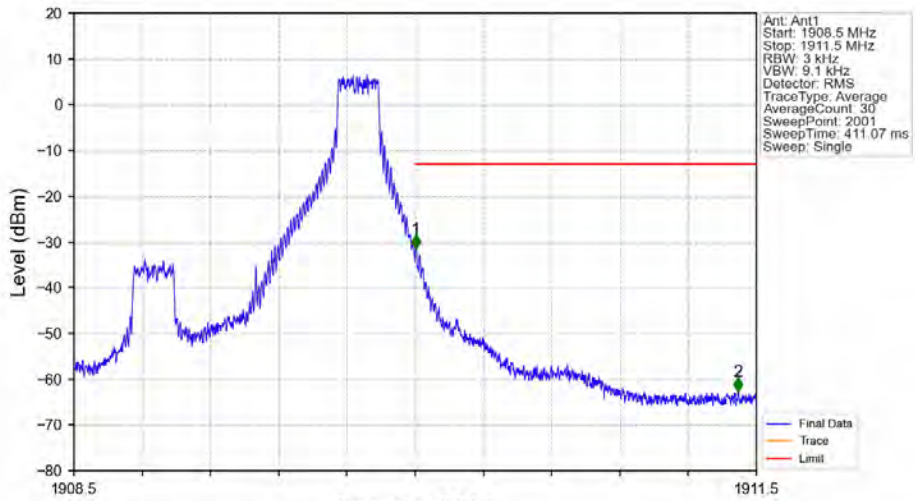

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.003	-31.44	-13	Pass
1911	1911.5	1	/	2	1911.419	-62.77	-13	Pass

Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV

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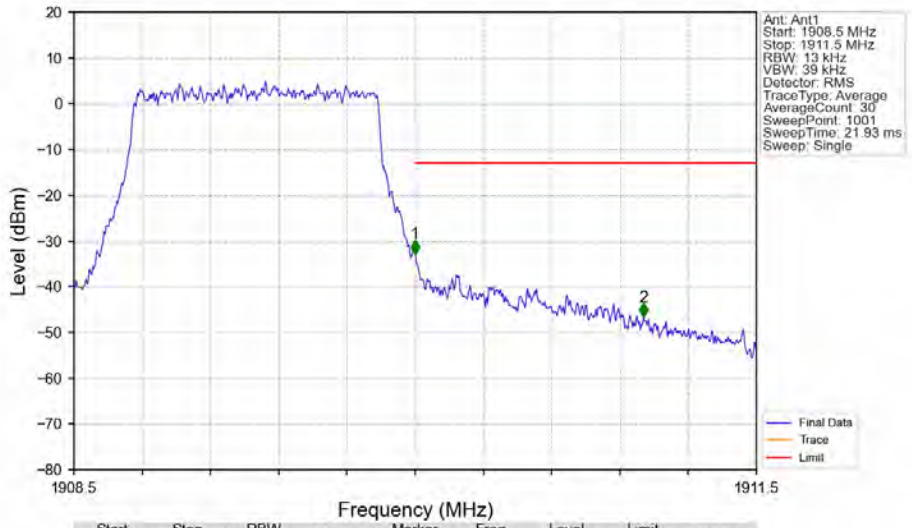

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.013	/	/	/	/	/	/
1910	1911	0.013	/	1	1910.000	-32.84	-13	Pass
1911	1911.5	1	/	2	1911.005	-46.64	-13	Pass

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5.2 B2_3MHz

5.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1908.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1908.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

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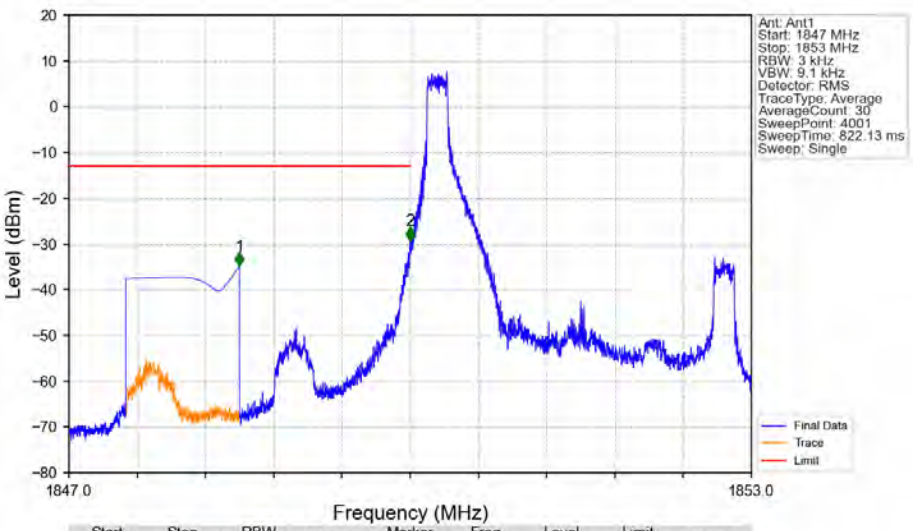
5.2.2 Test Graph

Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.498	-34.93	-13	Pass
1849	1850	0.003	/	2	1849.998	-29.30	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

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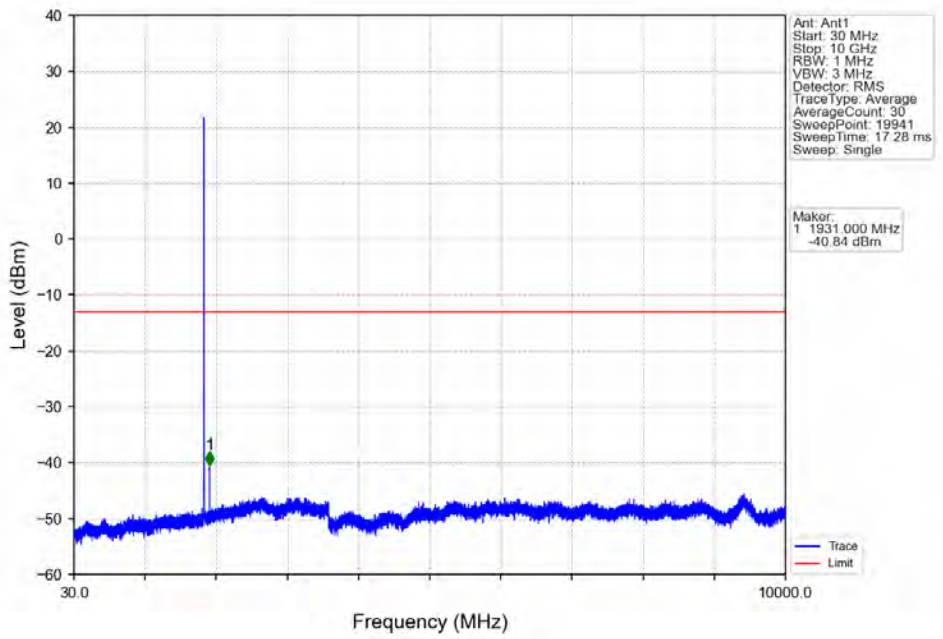

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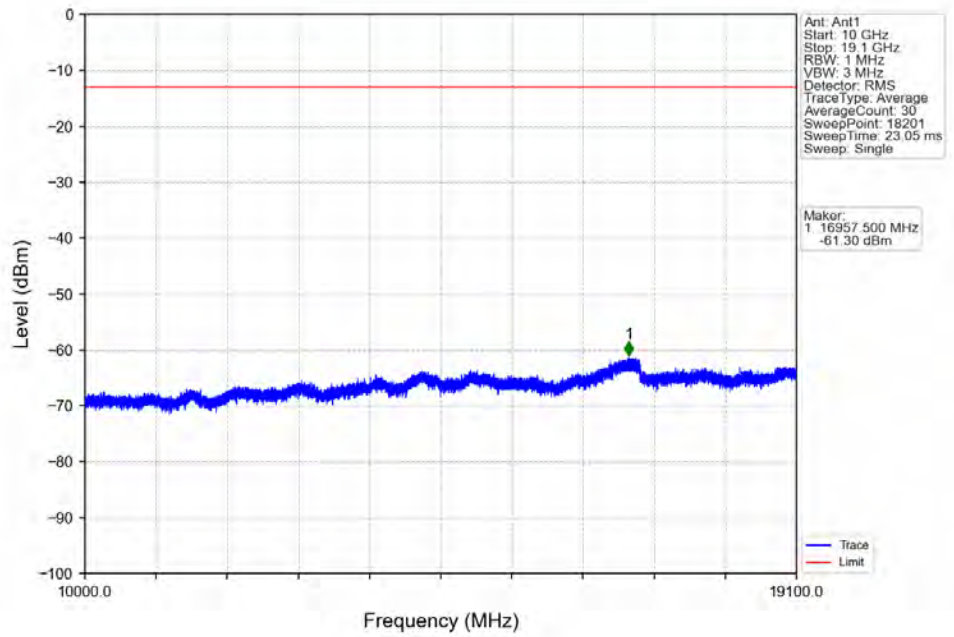

Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

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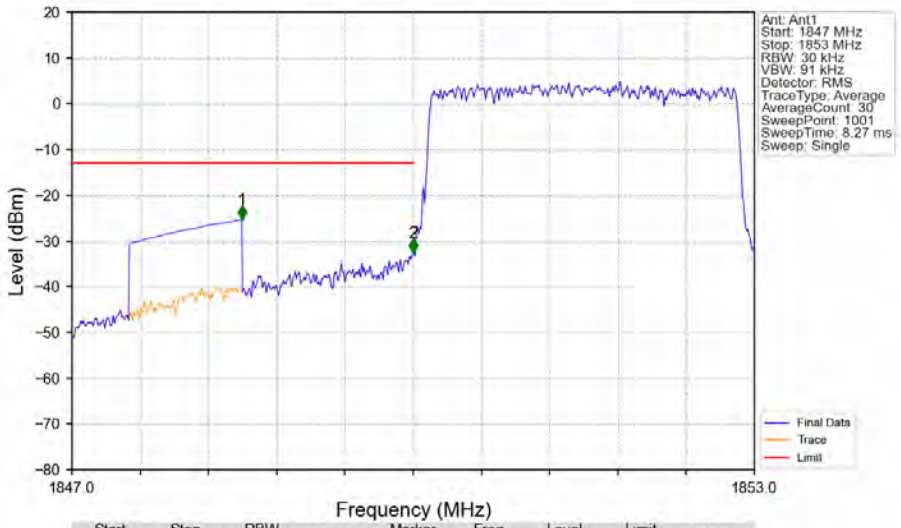

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-25.27	-13	Pass
1849	1850	0.03	/	2	1850.000	-32.55	-13	Pass
1850	1853	0.03	/	/	/	/	/	/

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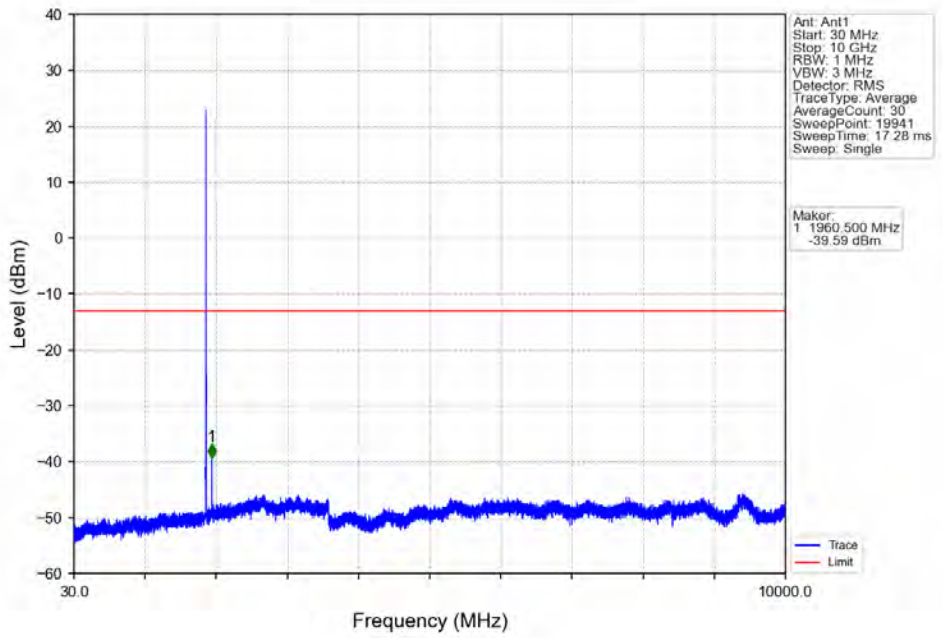
Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV

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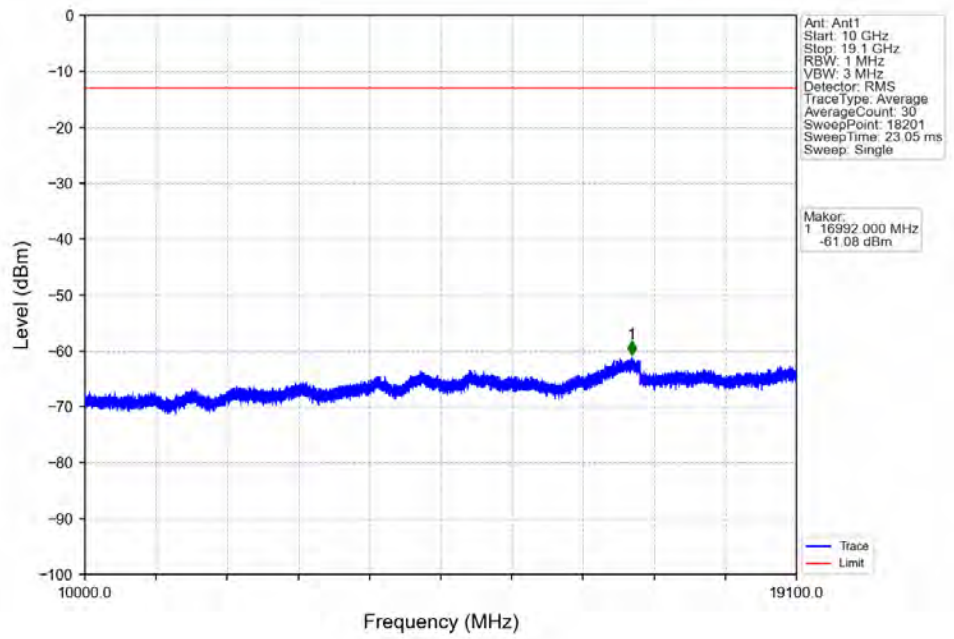

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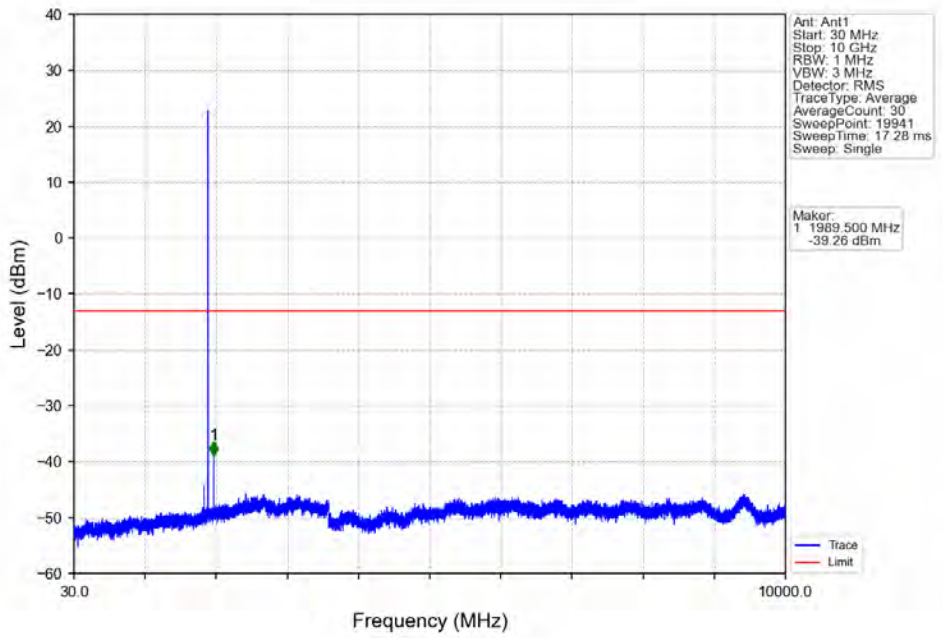
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV



Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV

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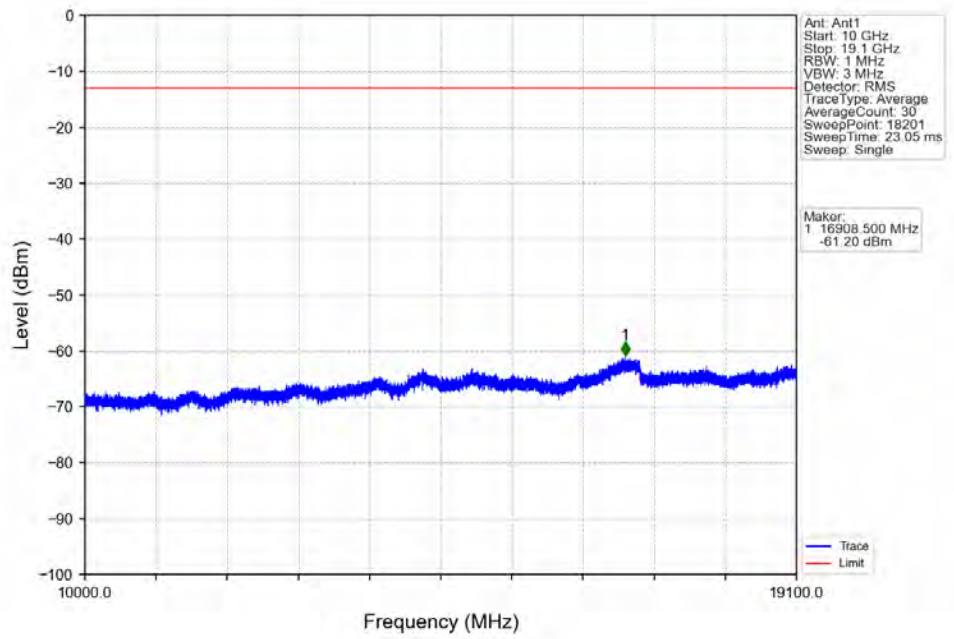

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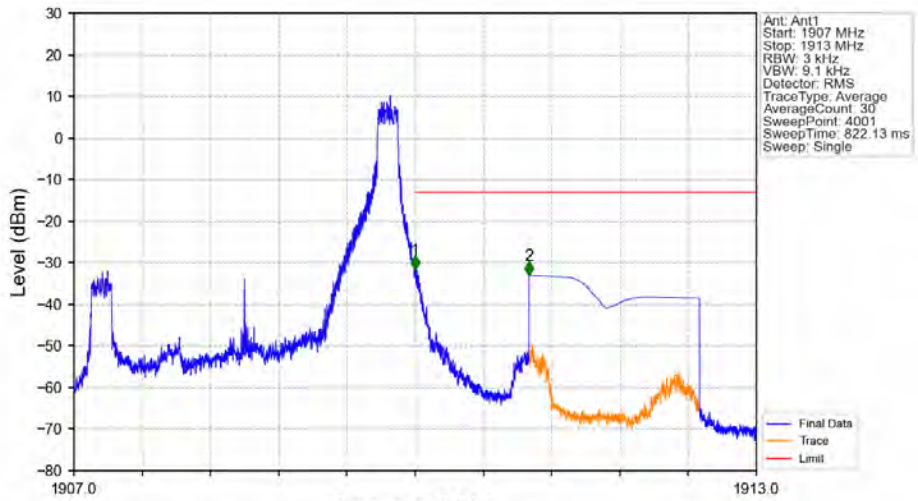

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.000	-31.66	-13	Pass
1911	1913	1	CHP	2	1911.001	-33.00	-13	Pass

Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV

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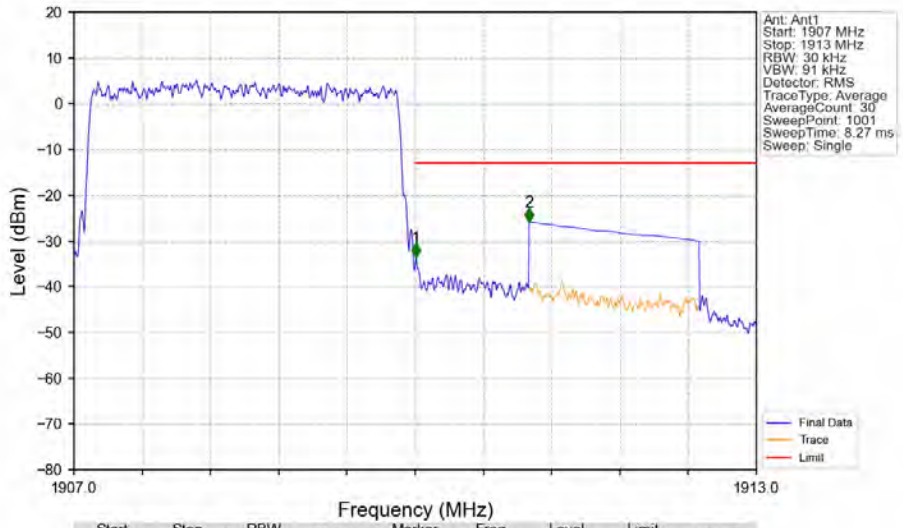

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.03	/	/	/	/	/	/
1910	1911	0.03	/	1	1910.006	-33.69	-13	Pass
1911	1913	1	CHP	2	1911.002	-25.87	-13	Pass

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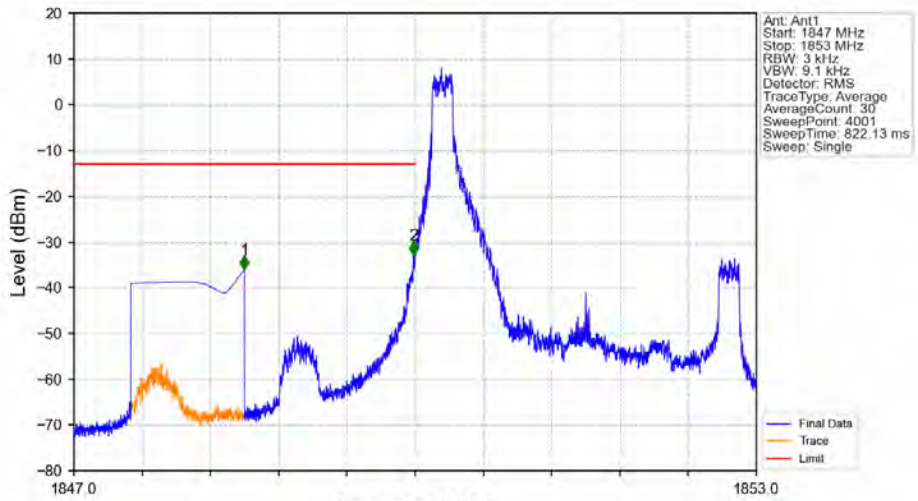
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.498	-36.13	-13	Pass
1849	1850	0.003	/	2	1849.986	-32.90	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

Band2_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV

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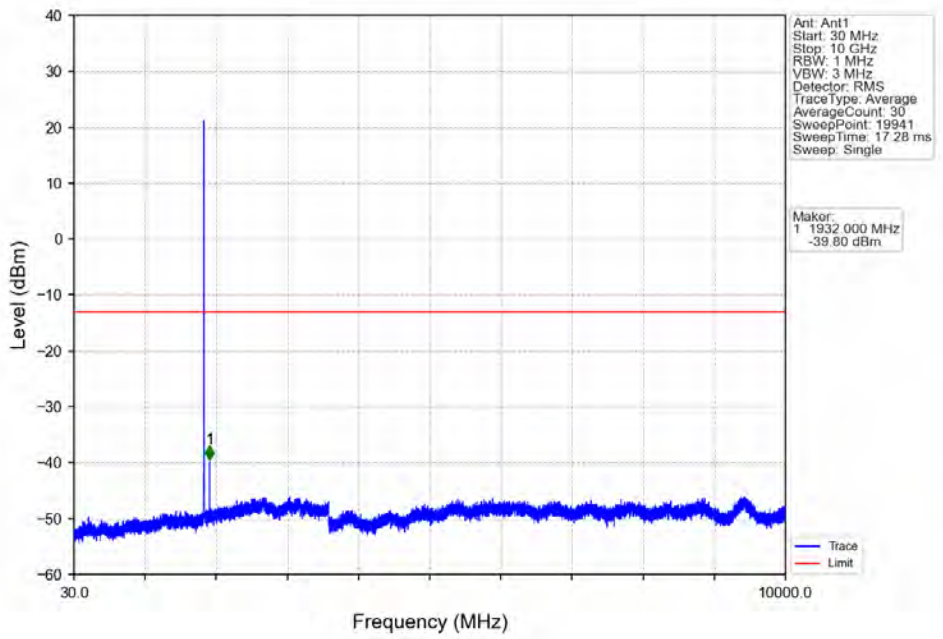

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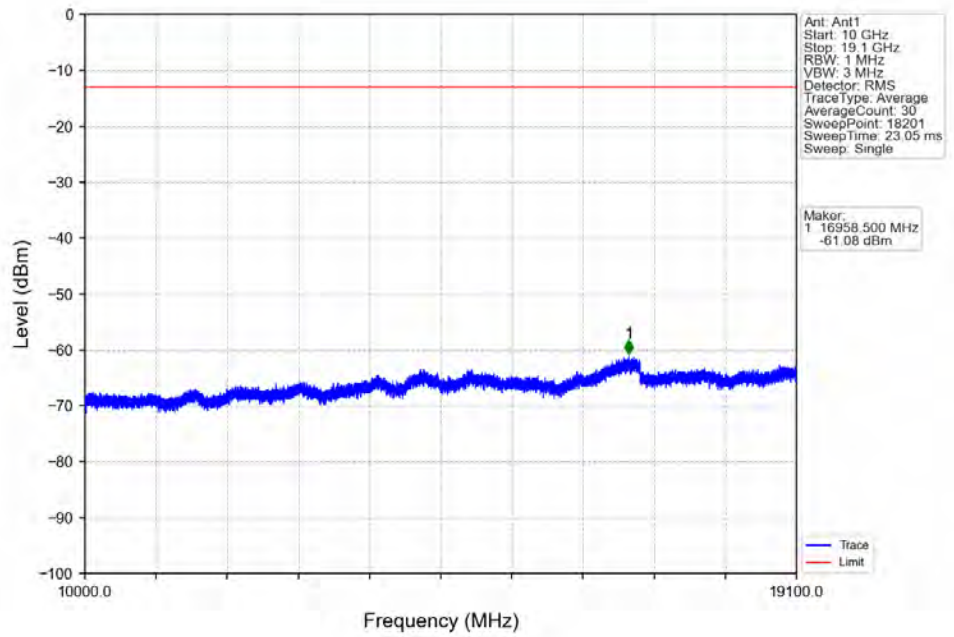

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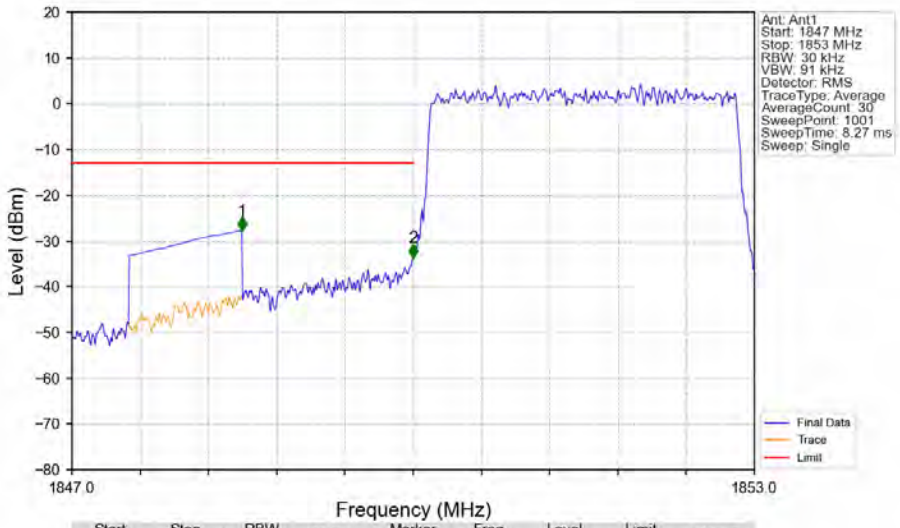

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-27.80	-13	Pass
1849	1850	0.03	/	2	1850.000	-33.71	-13	Pass
1850	1853	0.03	/	/	/	/	/	/

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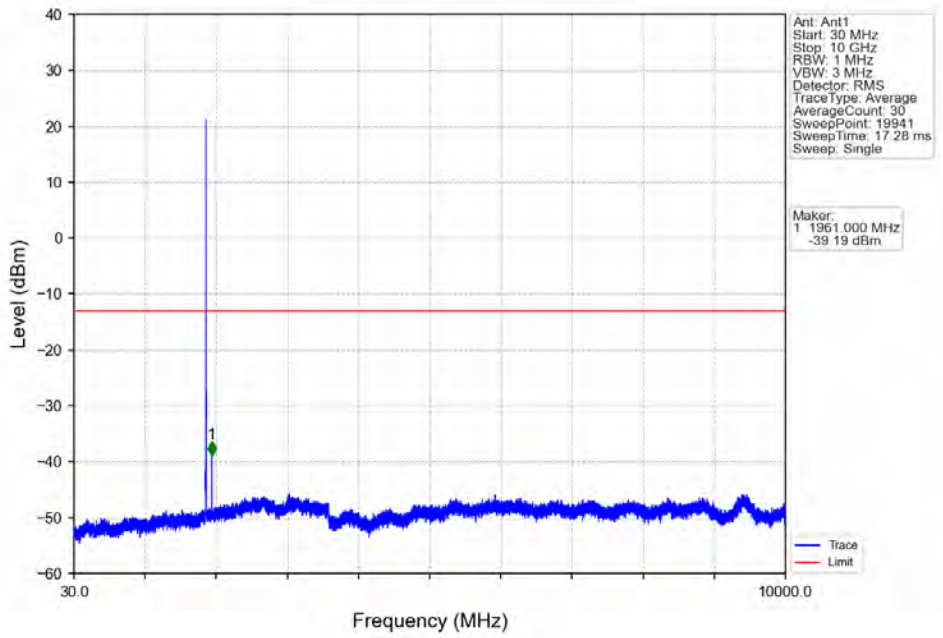

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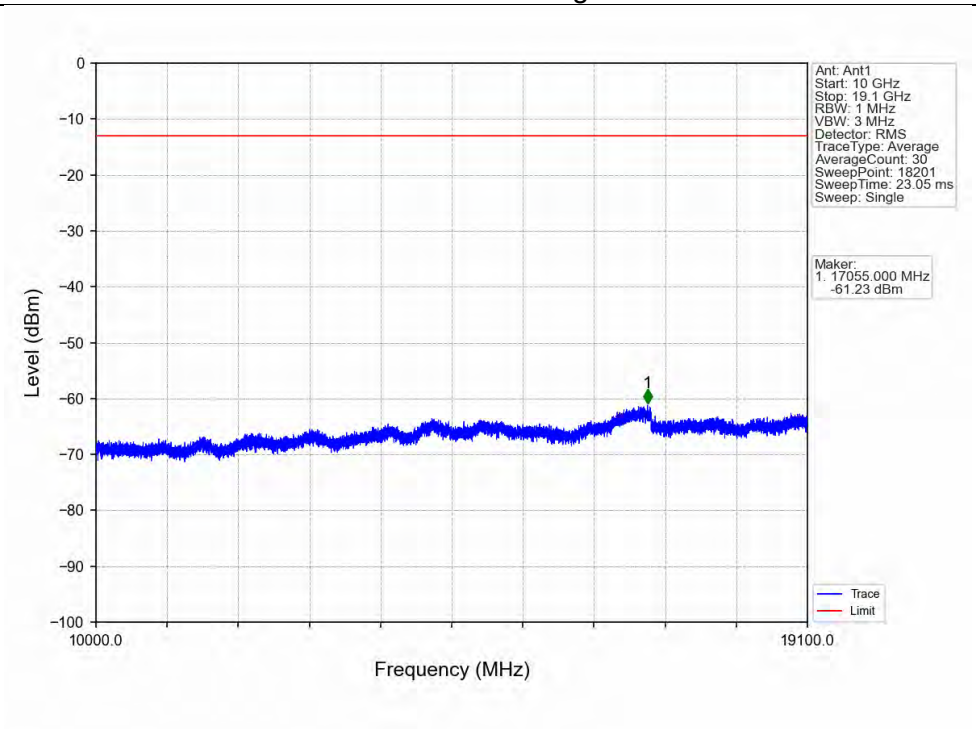

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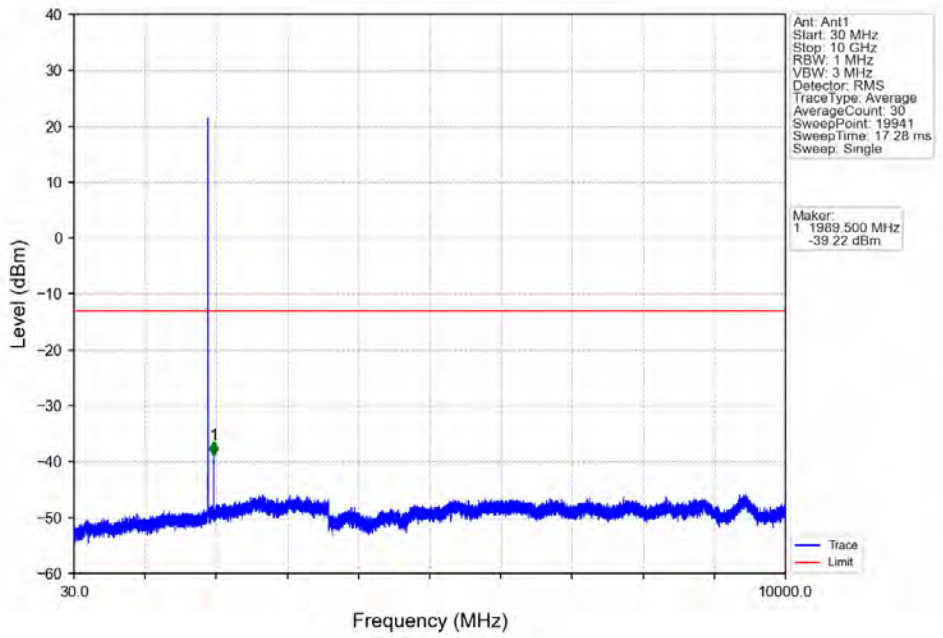
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_1_0_NTNV



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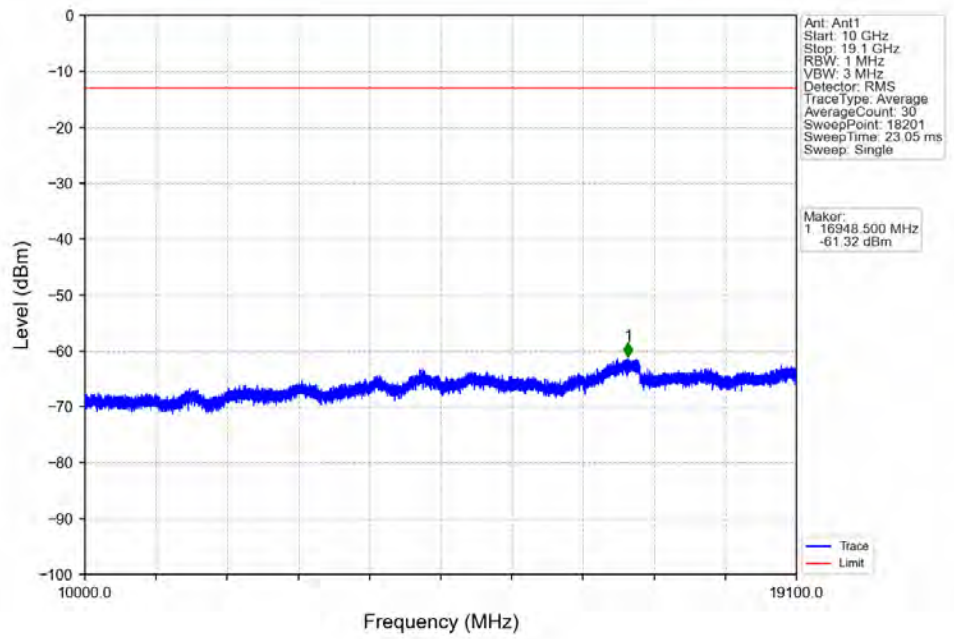

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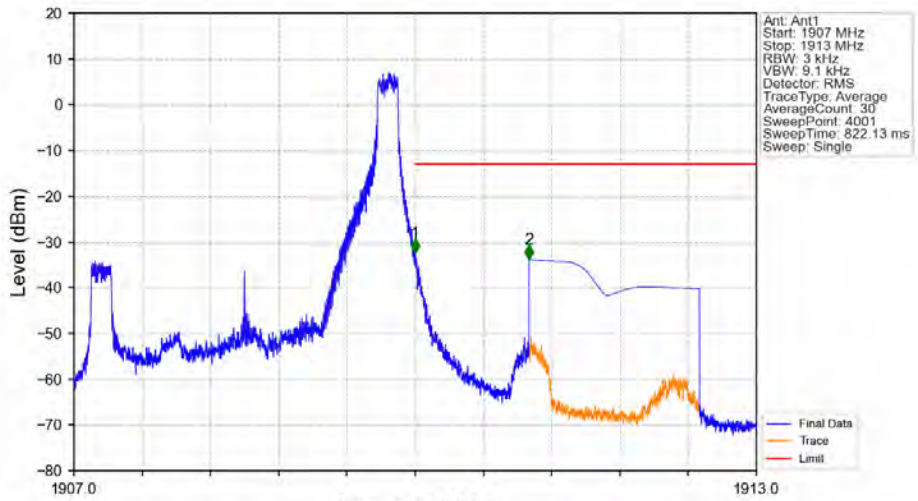

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.000	-32.40	-13	Pass
1911	1913	1	CHP	2	1911.001	-33.82	-13	Pass

Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV

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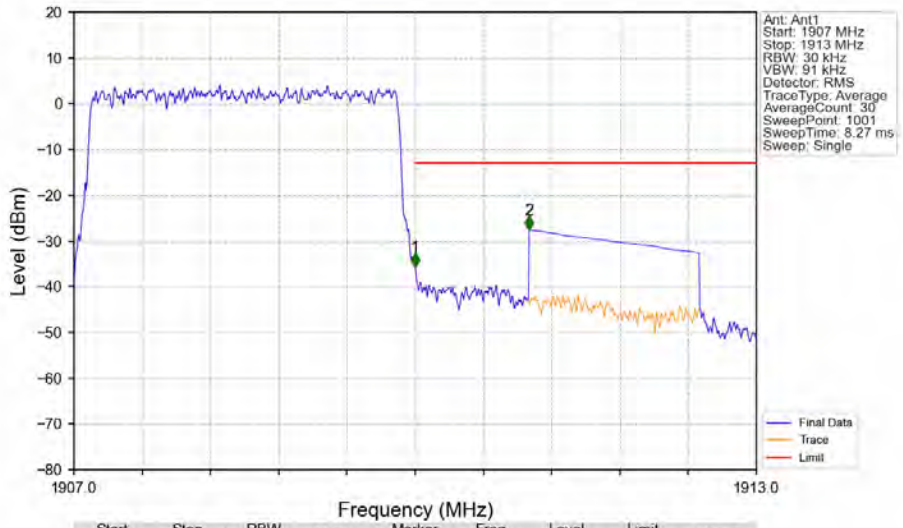

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.03	/	/	/	/	/	/
1910	1911	0.03	/	1	1910.000	-35.76	-13	Pass
1911	1913	1	CHP	2	1911.002	-27.59	-13	Pass

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5.3 B2_5MHz

5.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

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5.3.2 Test Graph

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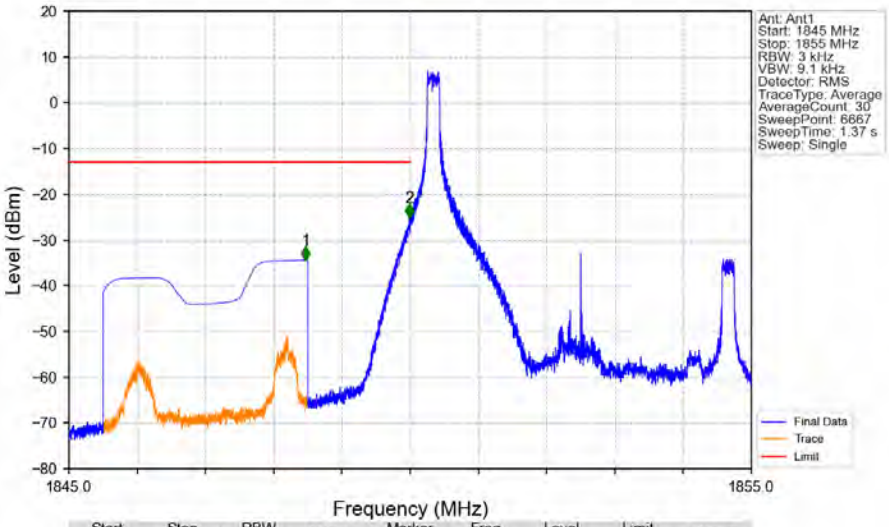

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.468	-34.46	-13	Pass
1849	1850	0.003	/	2	1849.989	-25.13	-13	Pass
1850	1855	0.003	/	/	/	/	/	/

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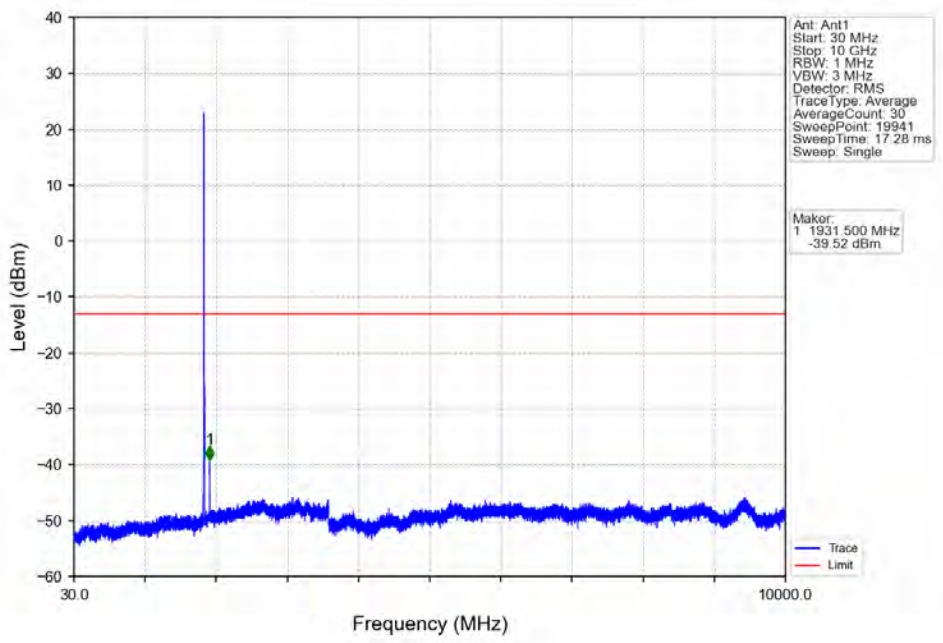

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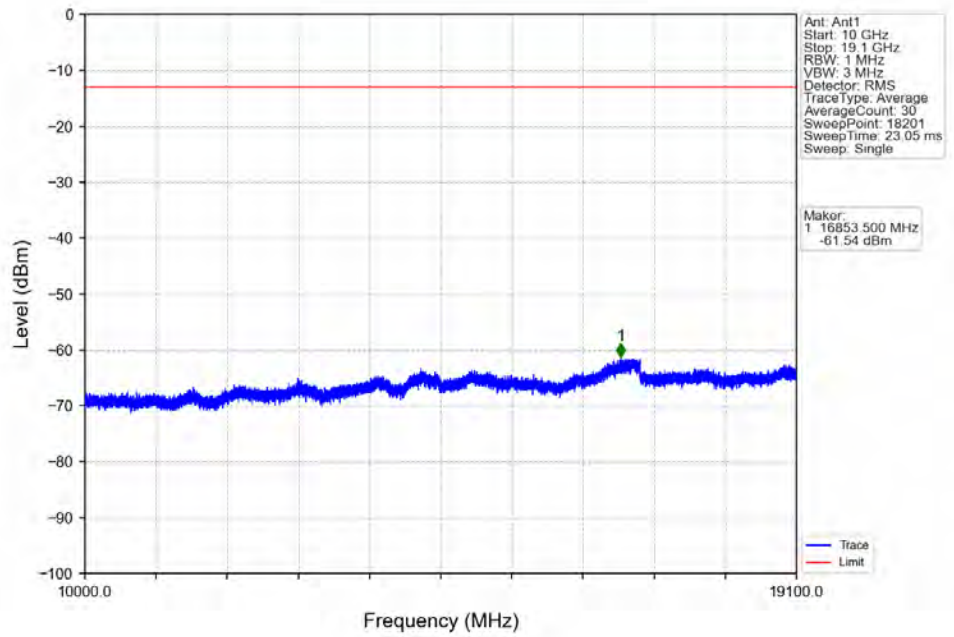

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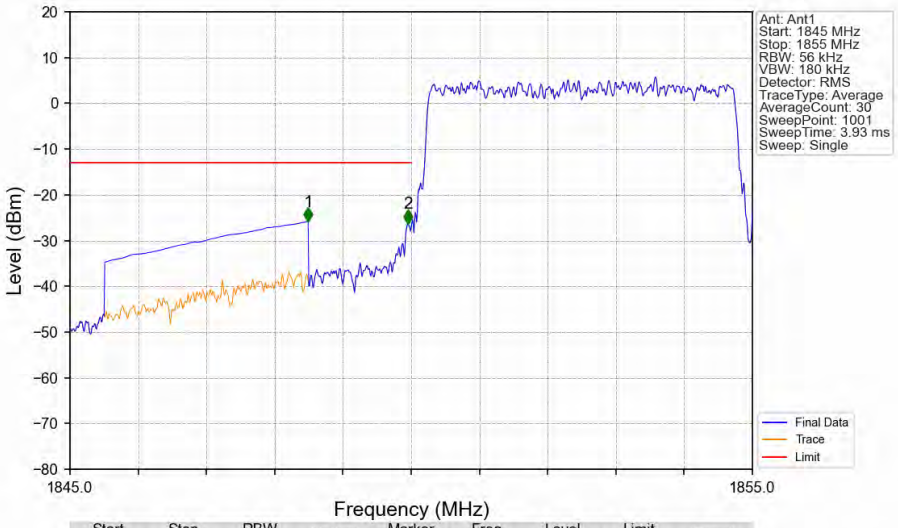

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-25.88	-13	Pass
1849	1850	0.056	/	2	1849.950	-26.29	-13	Pass
1850	1855	0.056	/	/	/	/	/	/

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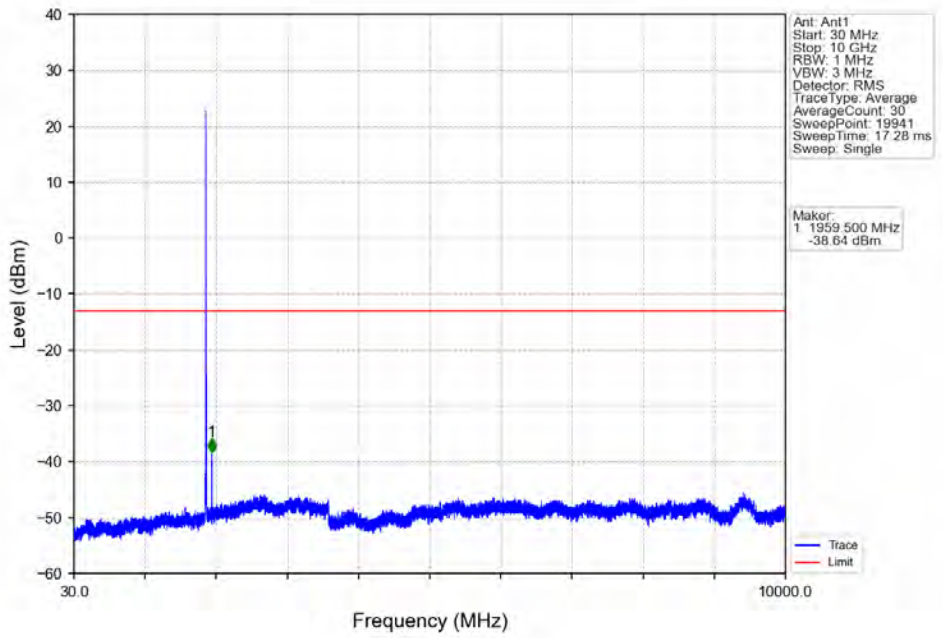

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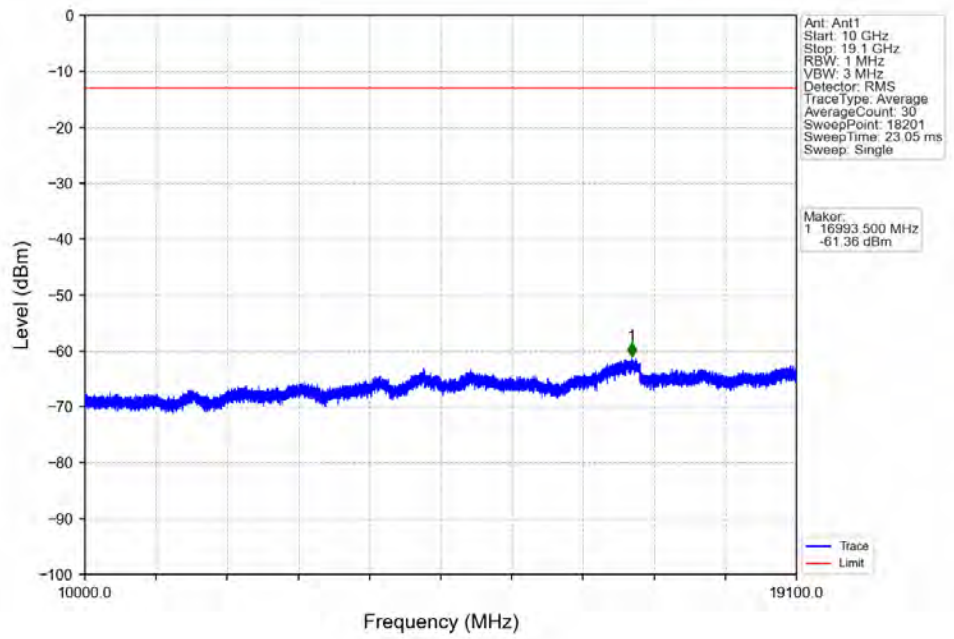

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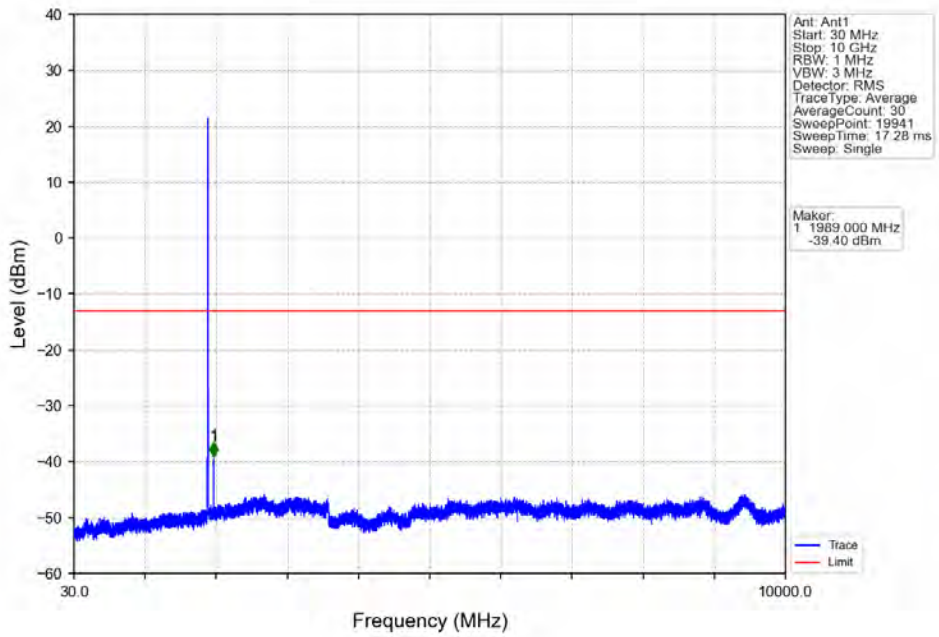
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



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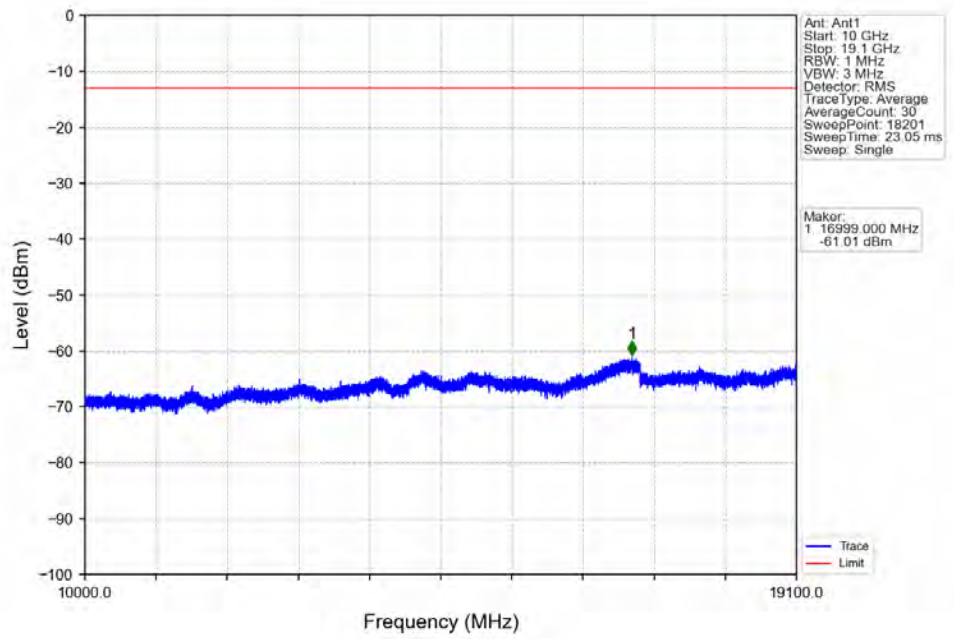

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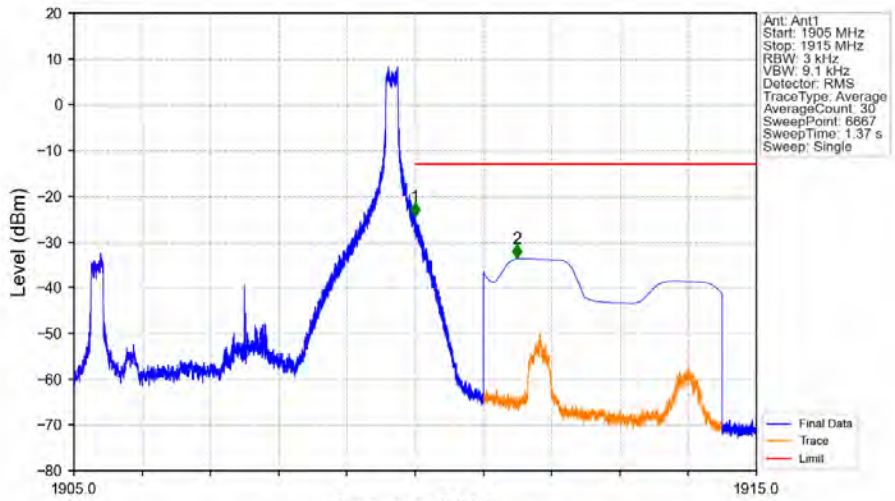

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.000	-24.42	-13	Pass
1911	1915	1	CHP	2	1911.491	-33.69	-13	Pass

Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV

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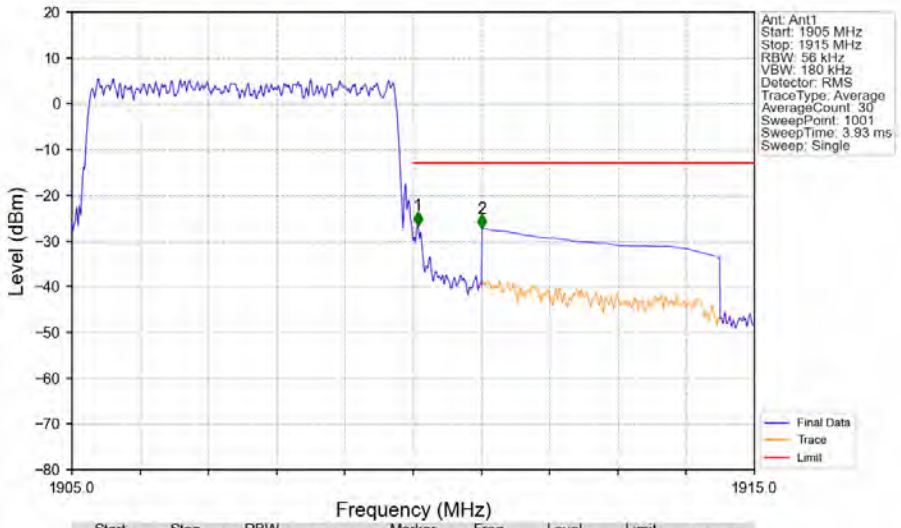

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.056	/	/	/	/	/	/
1910	1911	0.056	/	1	1910.070	-26.67	-13	Pass
1911	1915	1	CHP	2	1911.010	-27.33	-13	Pass

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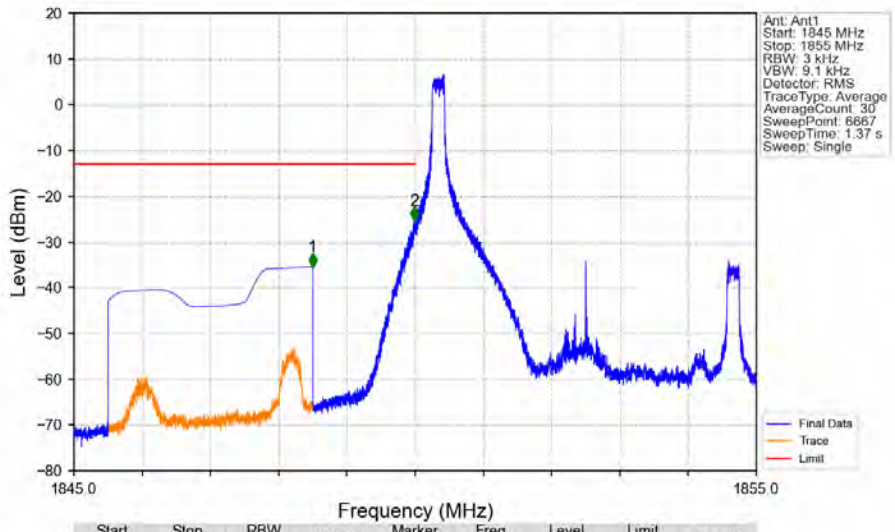
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.495	-35.49	-13	Pass
1849	1850	0.003	/	2	1849.988	-25.29	-13	Pass
1850	1855	0.003	/	/	/	/	/	/

Band2_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV

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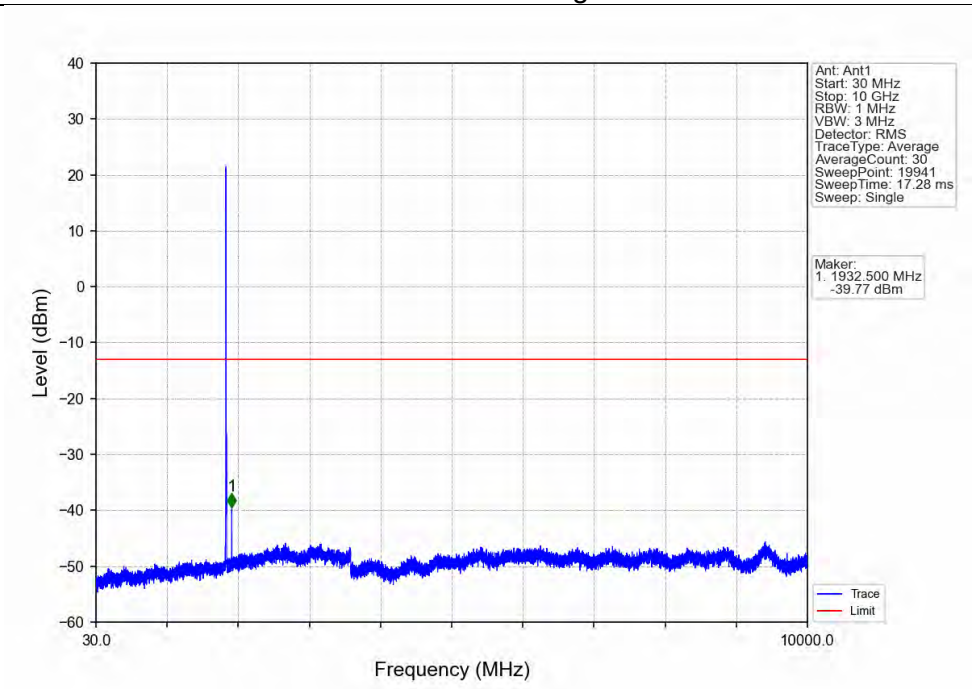

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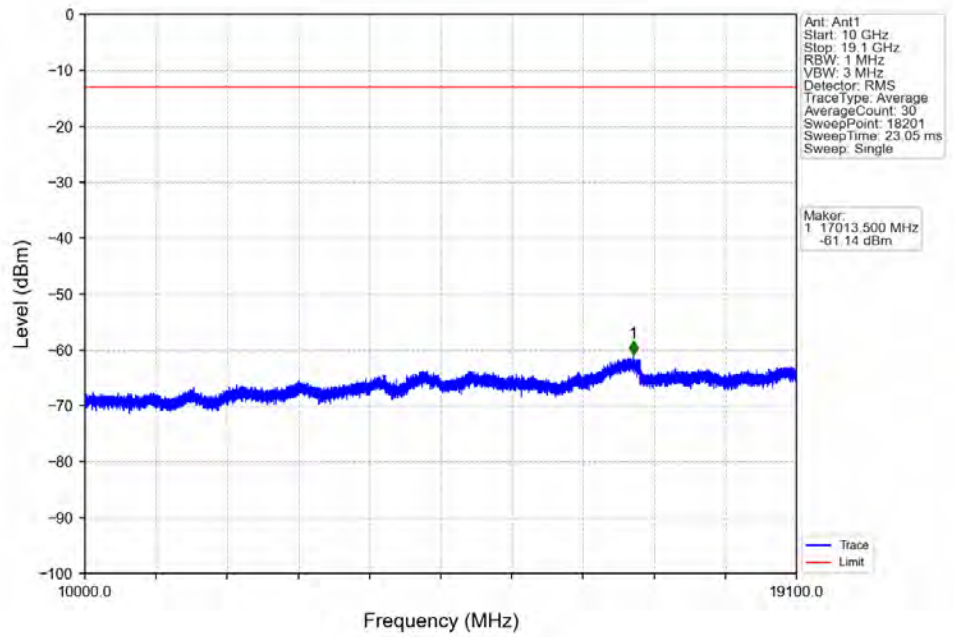

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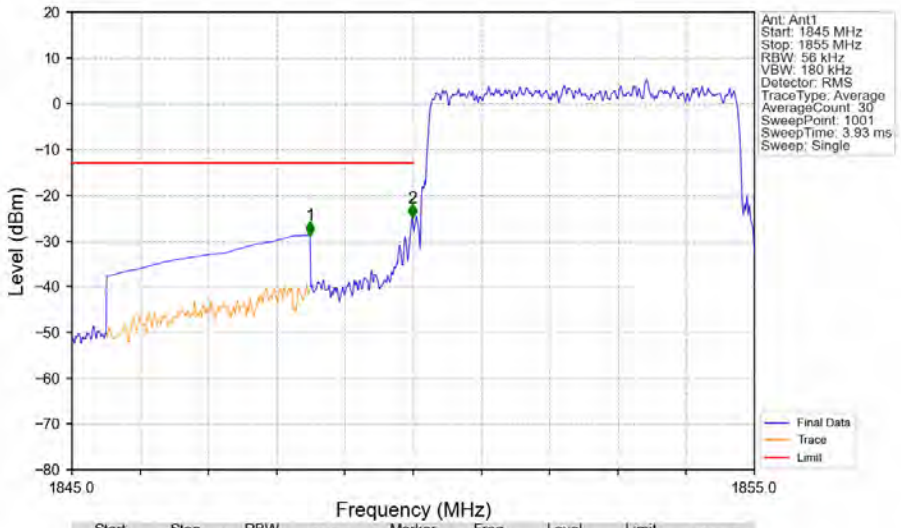

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-28.77	-13	Pass
1849	1850	0.056	/	2	1849.990	-24.98	-13	Pass
1850	1855	0.056	/	/	/	/	/	/

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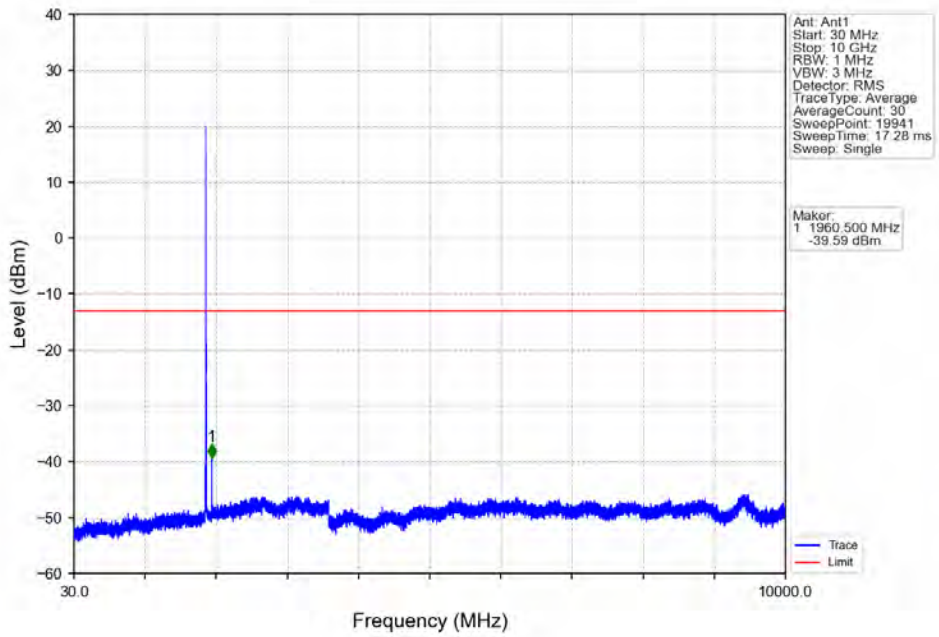

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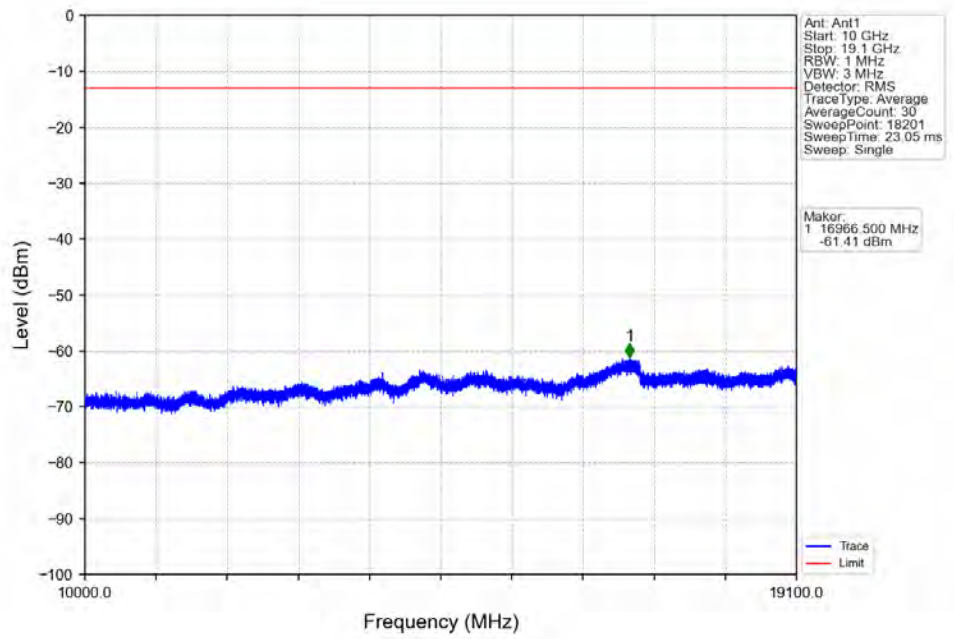

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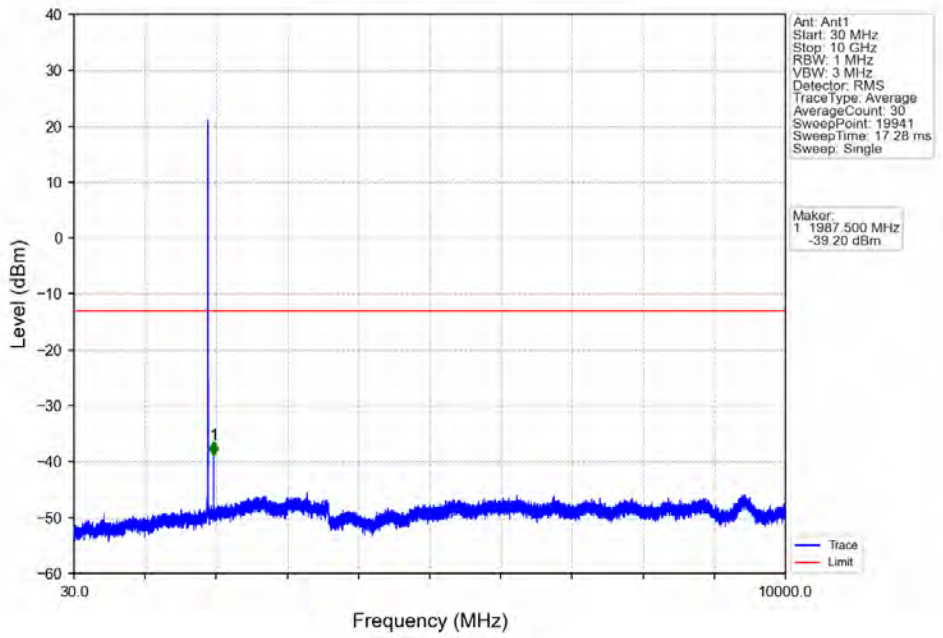

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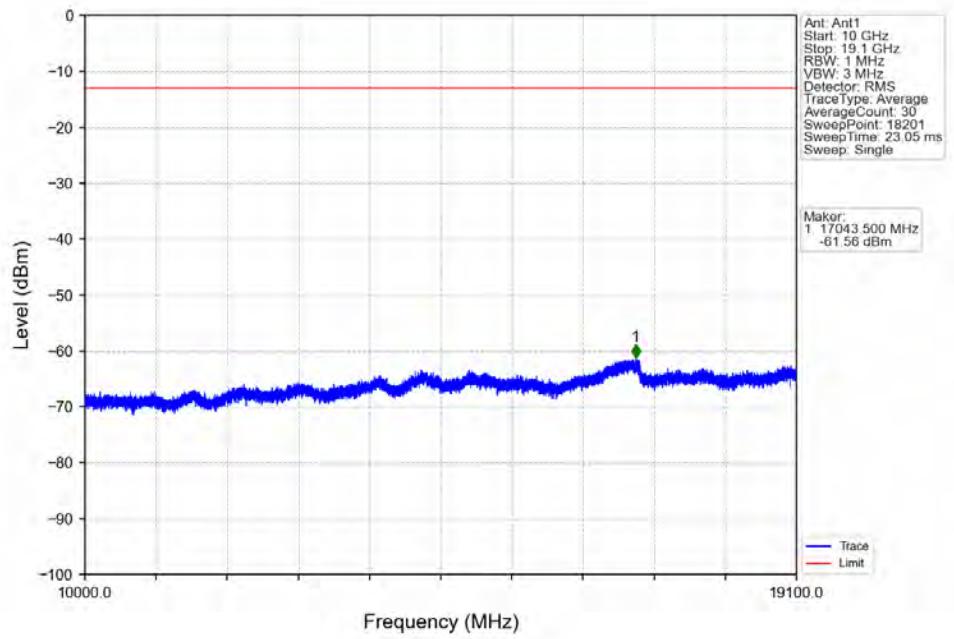

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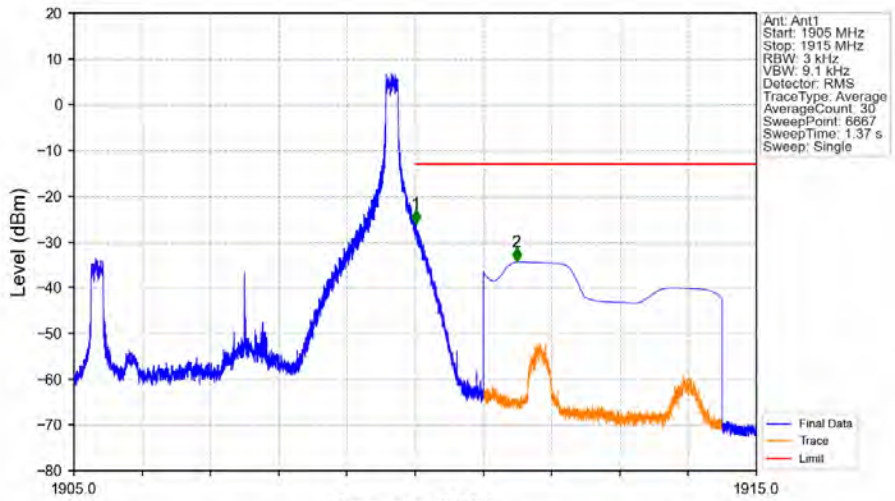

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.011	-26.06	-13	Pass
1911	1915	1	CHP	2	1911.484	-34.40	-13	Pass

Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV

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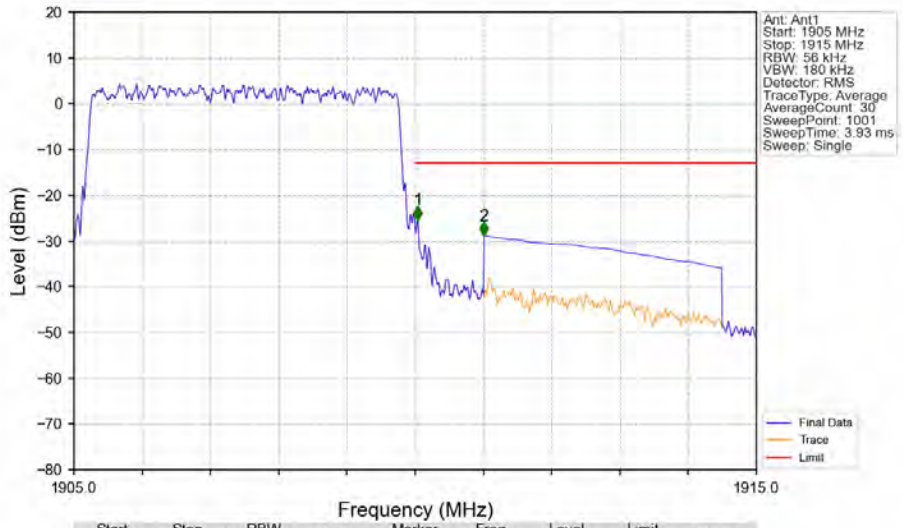

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.056	/	/	/	/	/	/
1910	1911	0.056	/	1	1910.040	-25.42	-13	Pass
1911	1915	1	CHP	2	1911.010	-28.90	-13	Pass

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5.4 B2_10MHz

5.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	1855	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

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5.4.2 Test Graph

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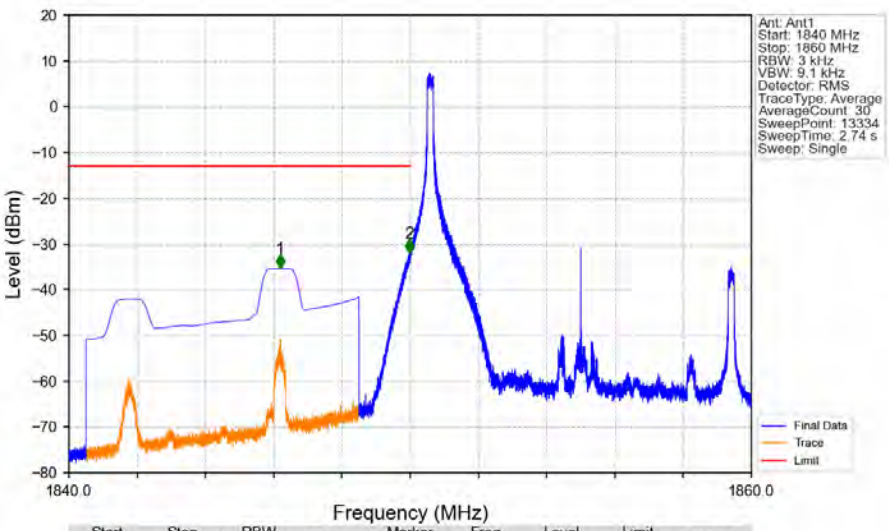

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1846.194	-35.45	-13	Pass
1849	1850	0.003	/	2	1849.974	-32.00	-13	Pass
1850	1860	0.003	/	/	/	/	/	/

Band2_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV

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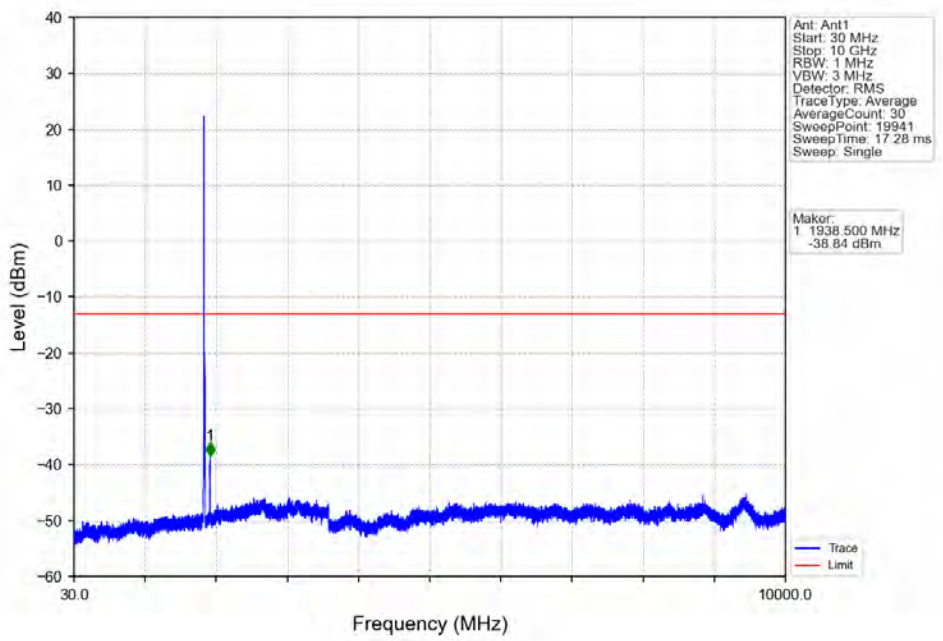

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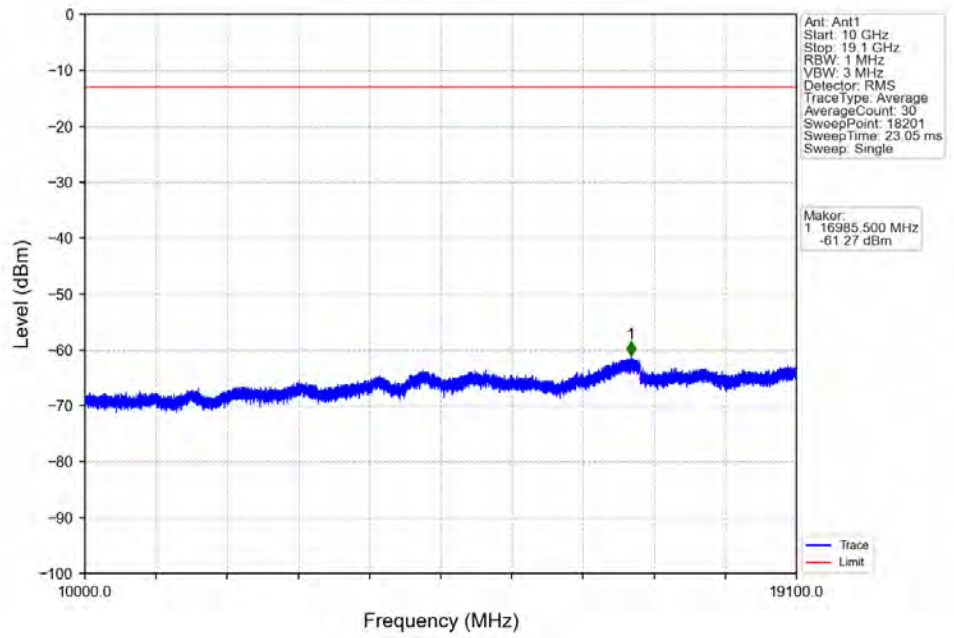

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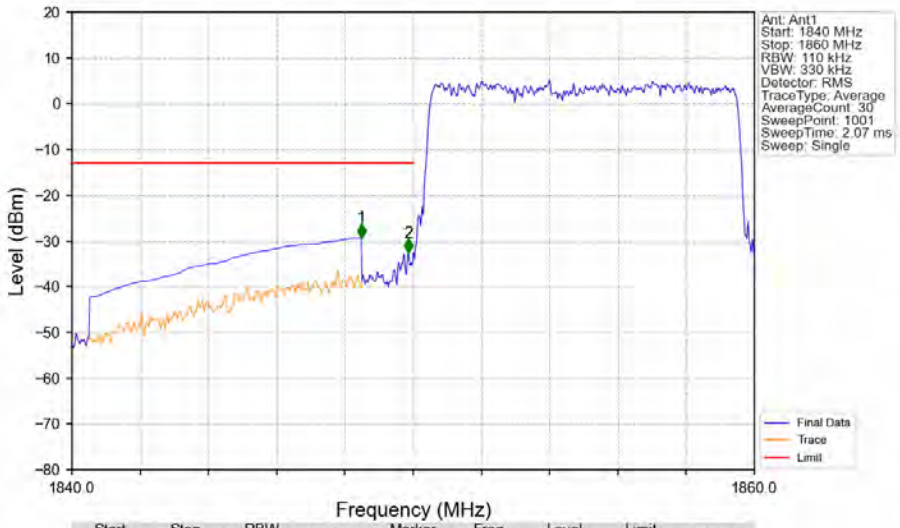

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.480	-29.32	-13	Pass
1849	1850	0.11	/	2	1849.860	-32.59	-13	Pass
1850	1860	0.11	/	/	/	/	/	/

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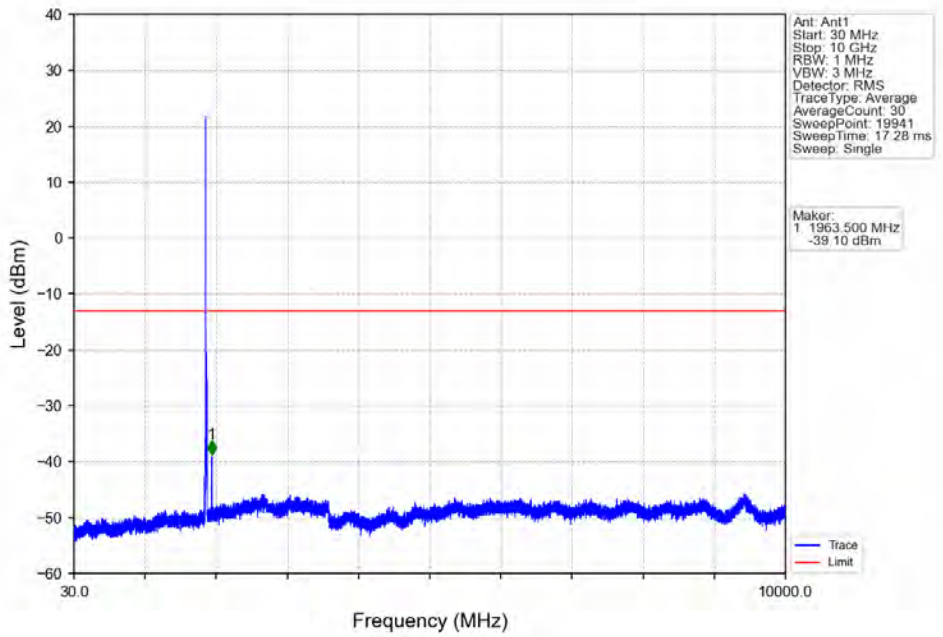

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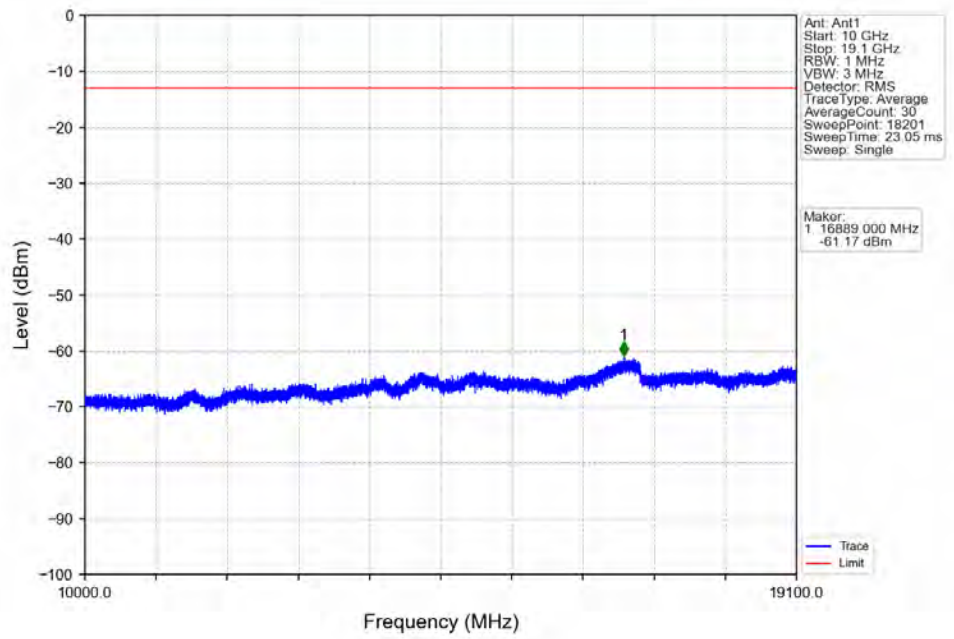

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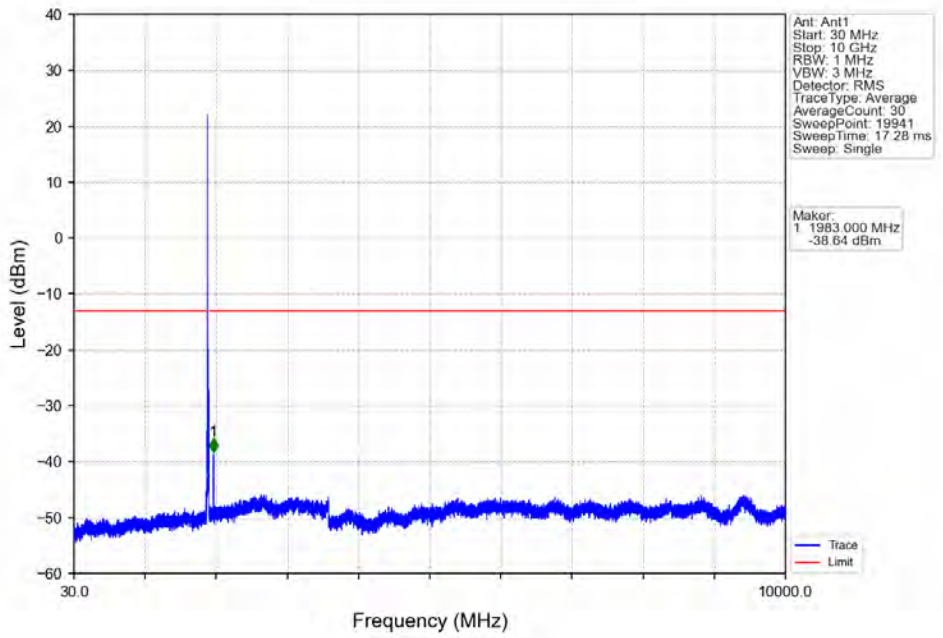

Band2_10MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV

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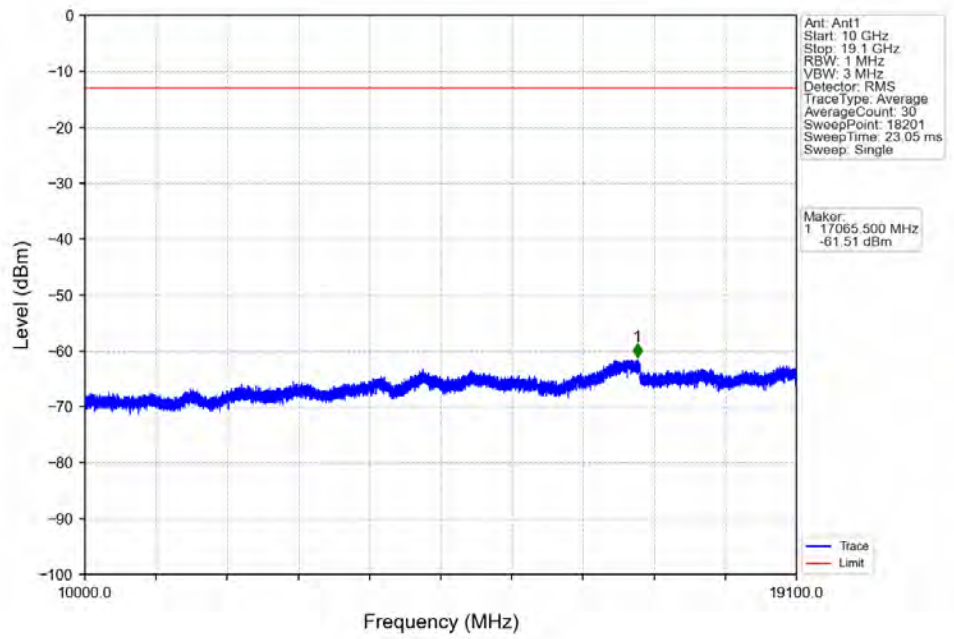

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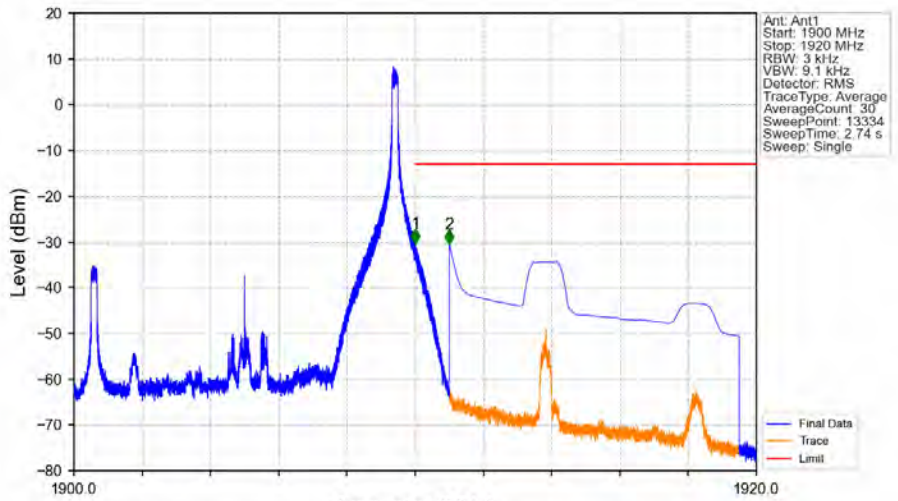
Band2_10MHz_QPSK_HCH_1905MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-30.23	-13	Pass
1911	1920	1	CHP	2	1911.001	-30.45	-13	Pass

Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV

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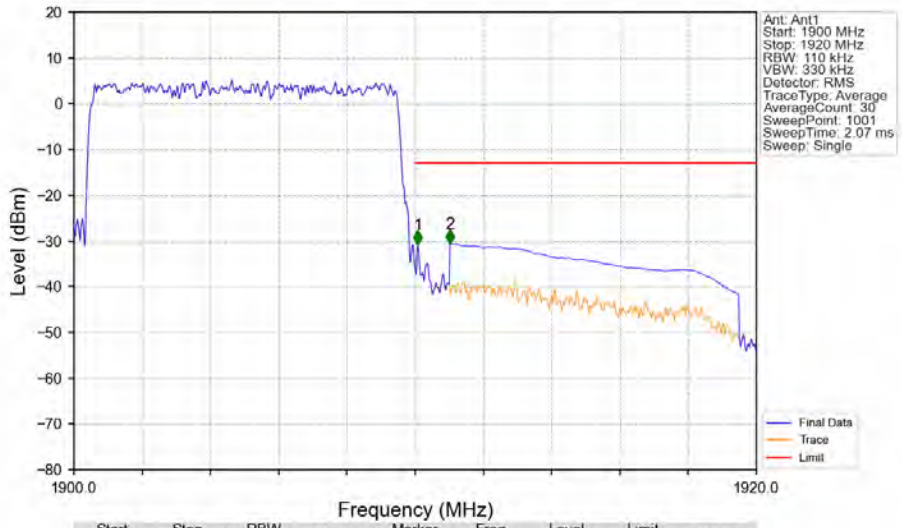

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.11	/	/	/	/	/	/
1910	1911	0.11	/	1	1910.080	-30.76	-13	Pass
1911	1920	1	CHP	2	1911.020	-30.65	-13	Pass

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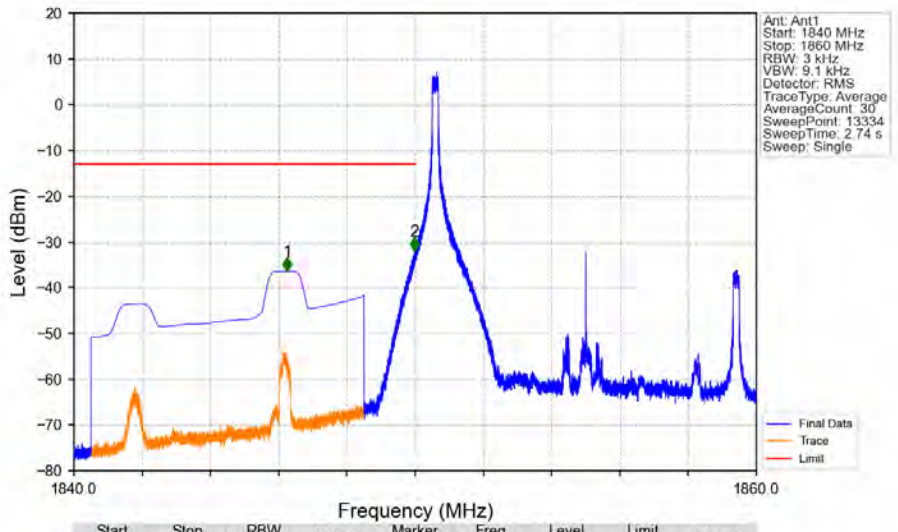
Band2_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1846.248	-36.44	-13	Pass
1849	1850	0.003	/	2	1849.986	-32.08	-13	Pass
1850	1860	0.003	/	/	/	/	/	/

Band2_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV

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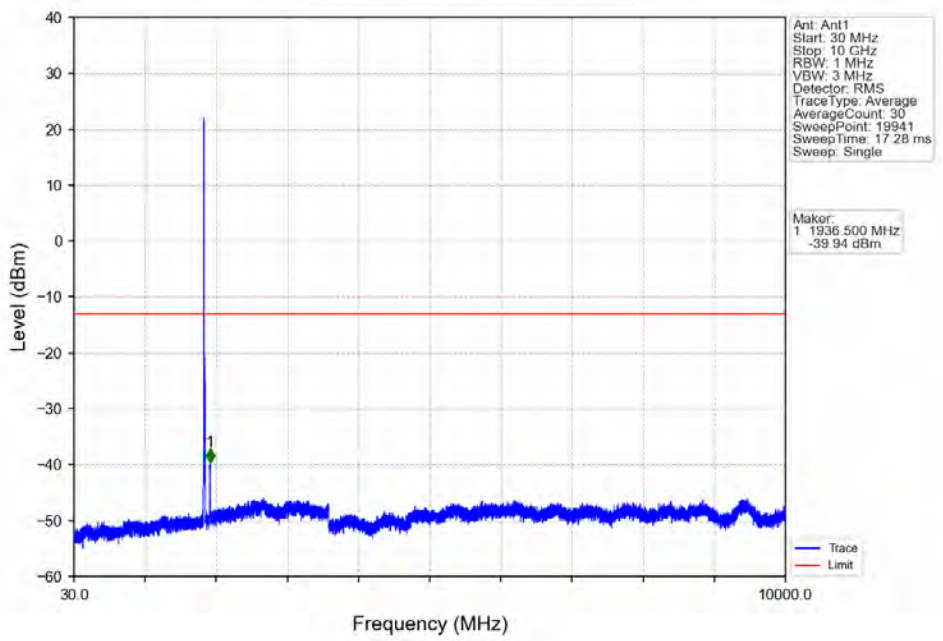

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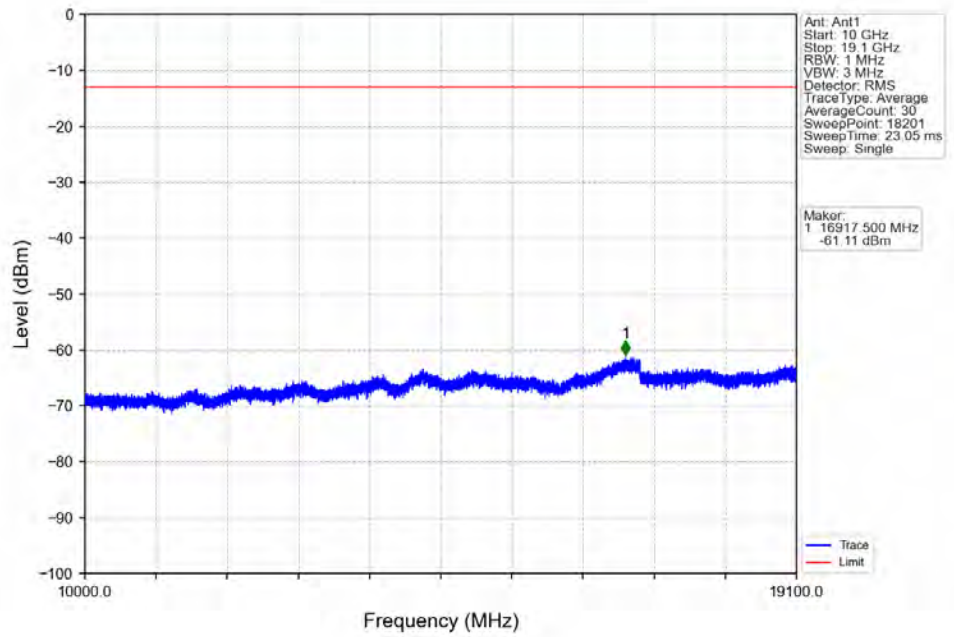

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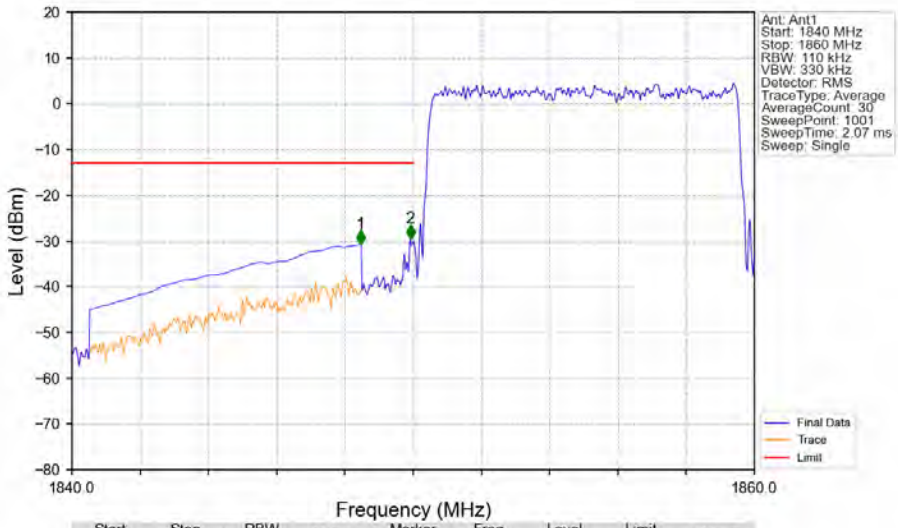

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.460	-30.73	-13	Pass
1849	1850	0.11	/	2	1849.920	-29.47	-13	Pass
1850	1860	0.11	/	/	/	/	/	/

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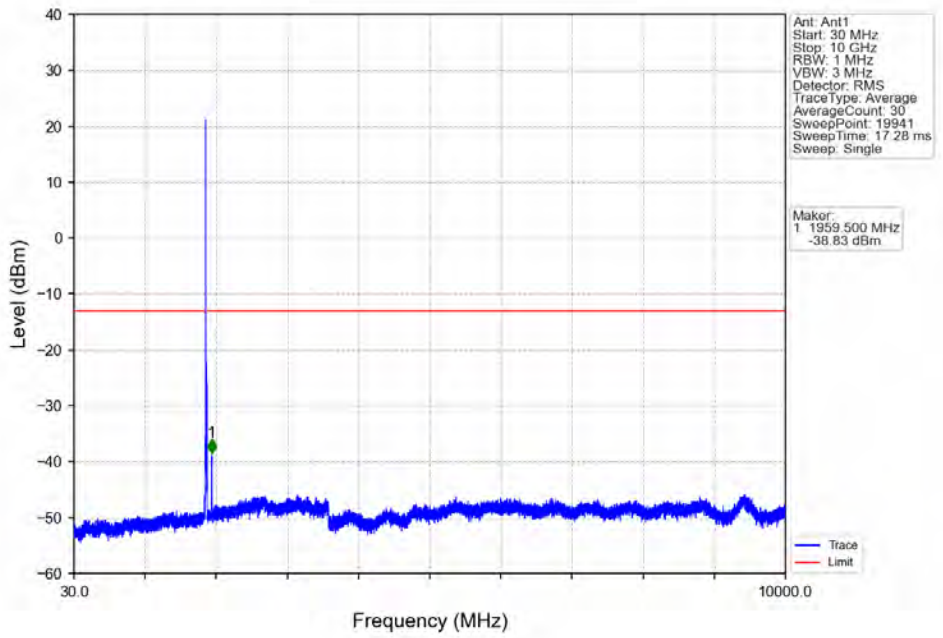

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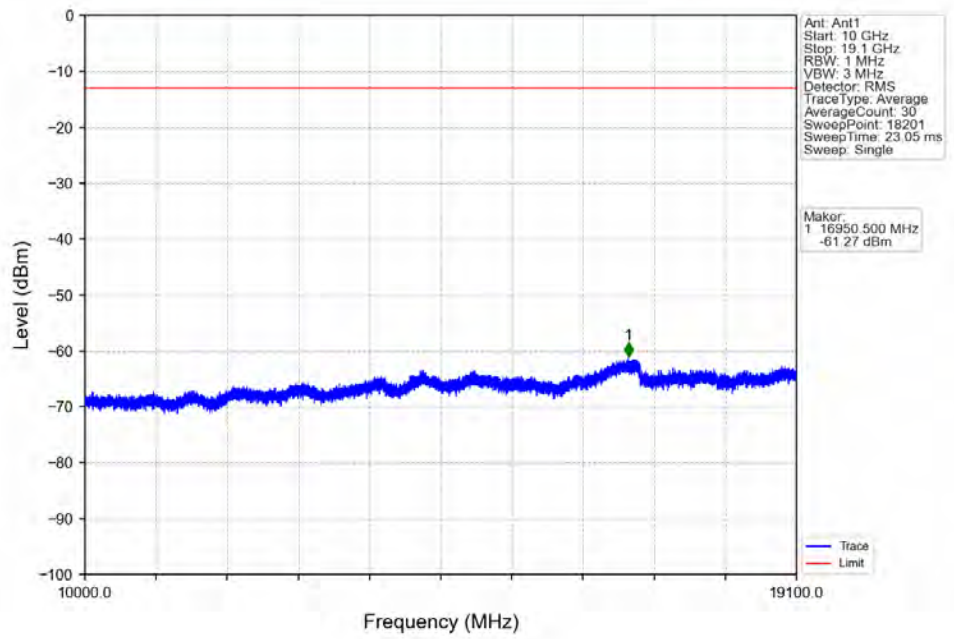

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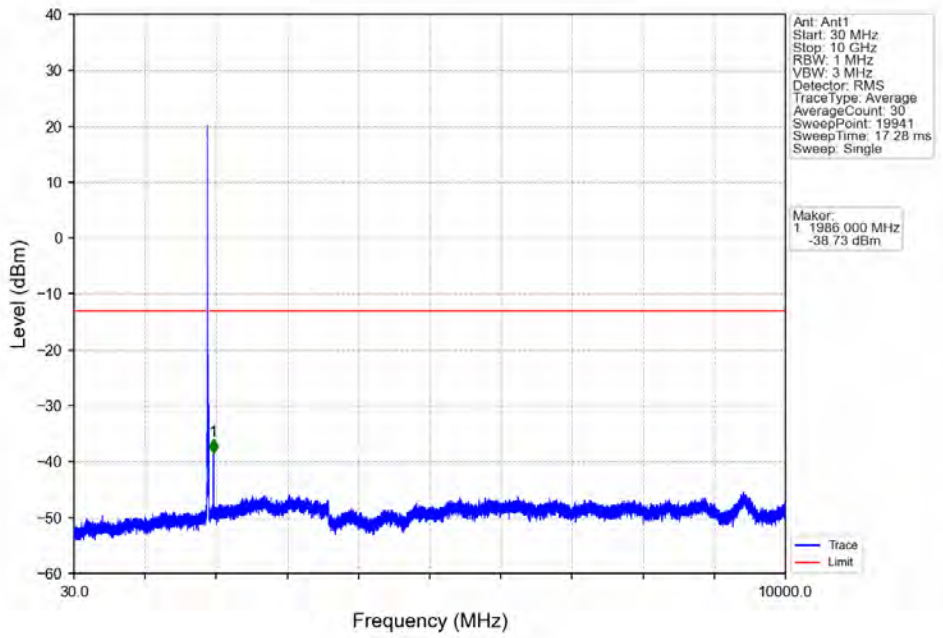

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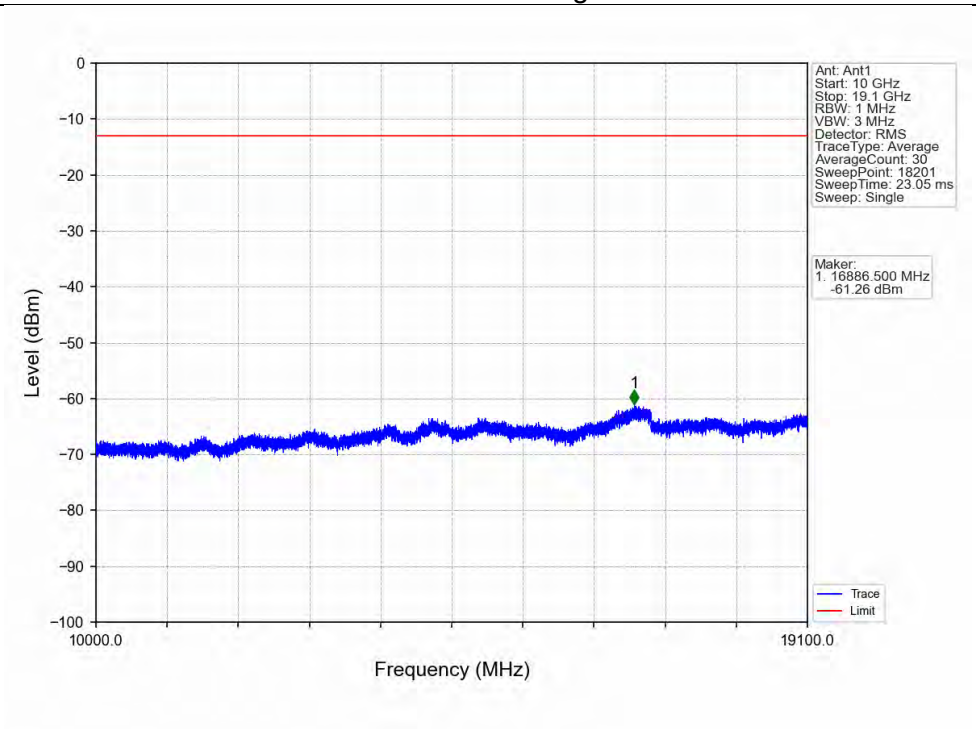

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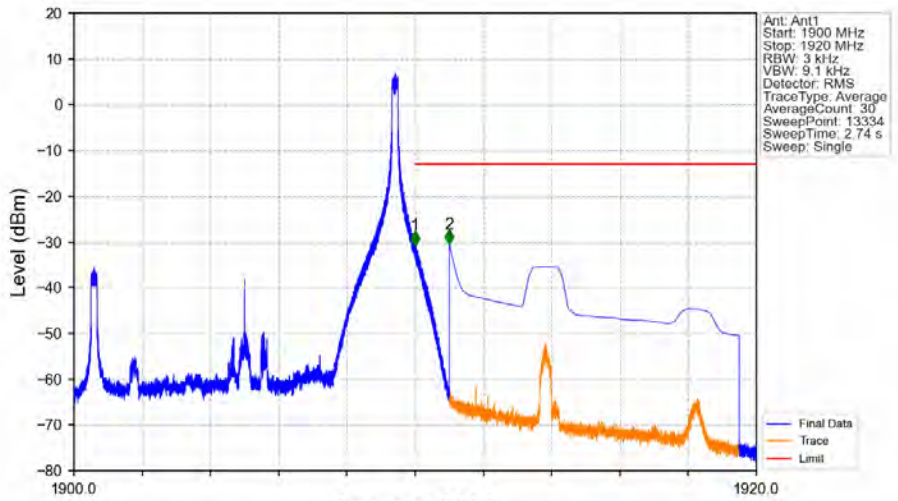

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.001	-30.72	-13	Pass
1911	1920	1	CHP	2	1911.001	-30.48	-13	Pass

Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV

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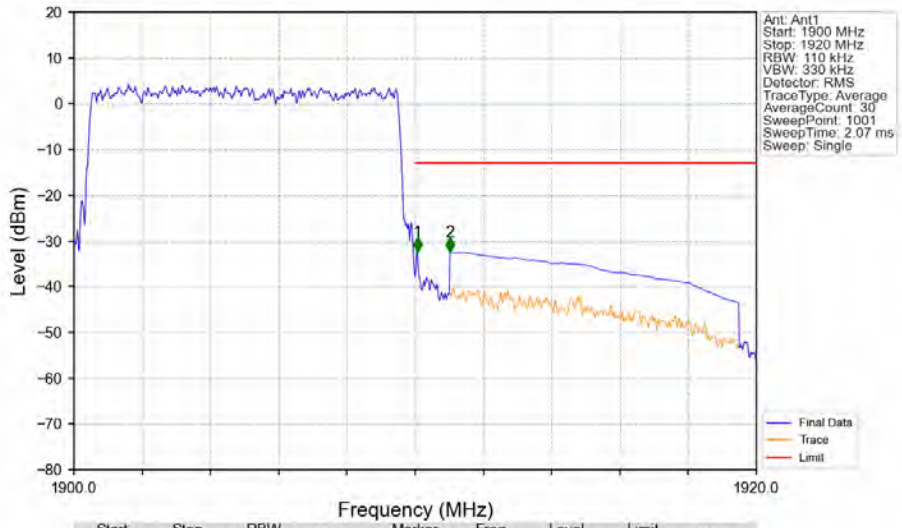

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.11	/	/	/	/	/	/
1910	1911	0.11	/	1	1910.060	-32.35	-13	Pass
1911	1920	1	CHP	2	1911.020	-32.36	-13	Pass

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5.5 B2_15MHz

5.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1902.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1902.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

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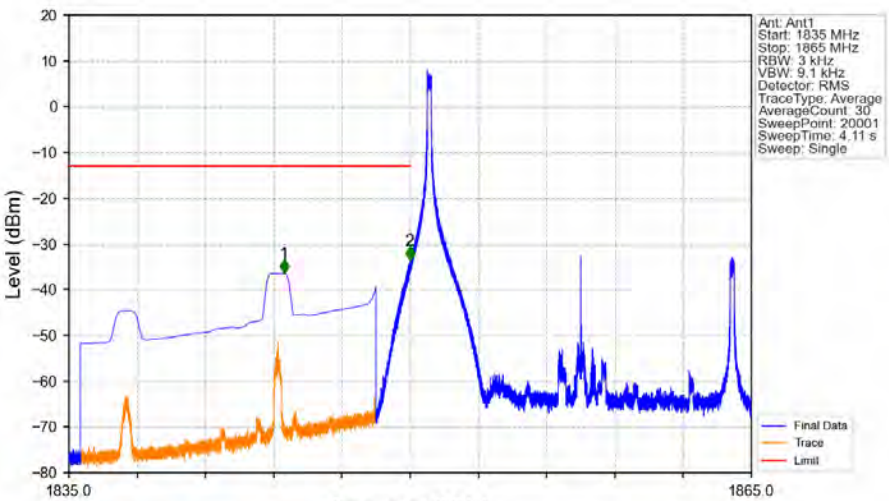
5.5.2 Test Graph

Band2_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1844.464	-36.43	-13	Pass
1849	1850	0.003	/	2	1849.984	-33.65	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

Band2_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV

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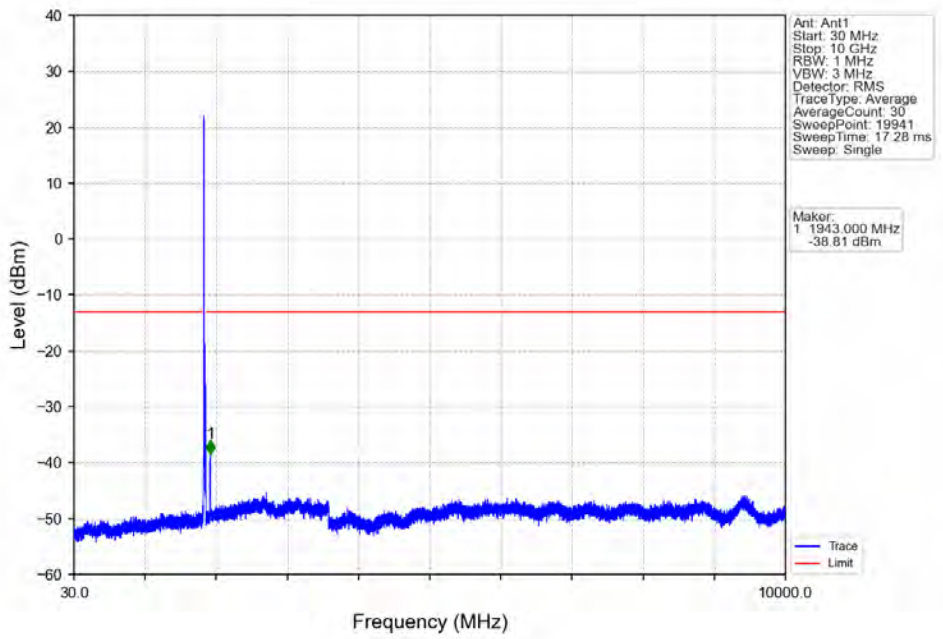

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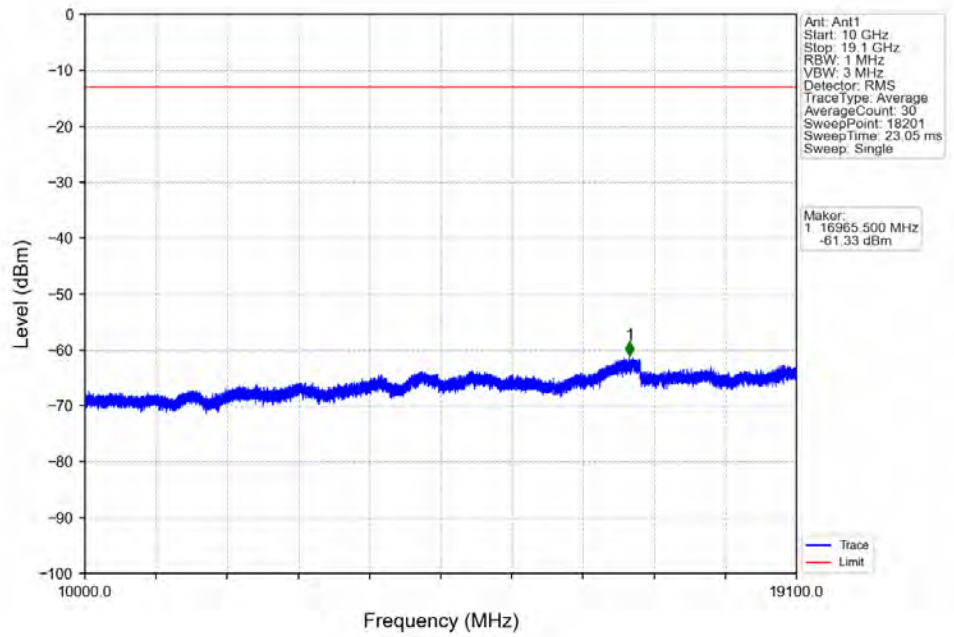
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV



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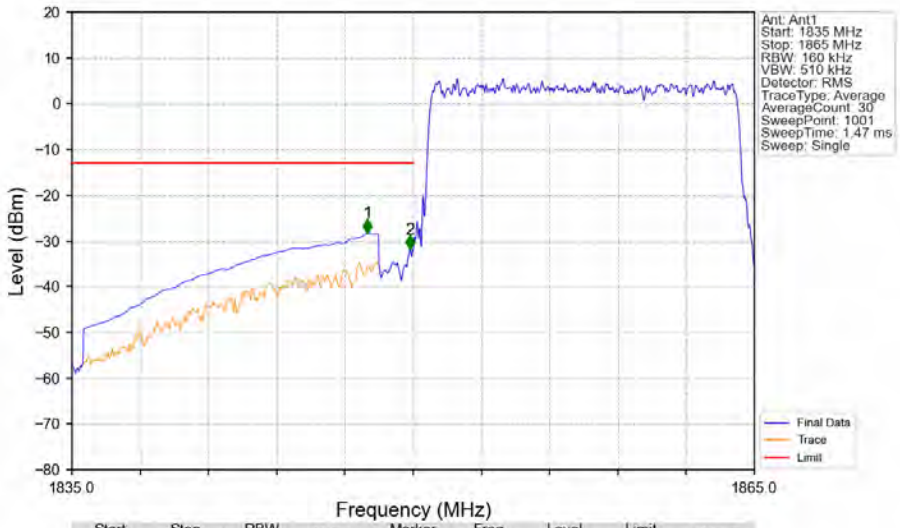

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1847.990	-28.23	-13	Pass
1849	1850	0.16	/	2	1849.850	-31.91	-13	Pass
1850	1865	0.16	/	/	/	/	/	/

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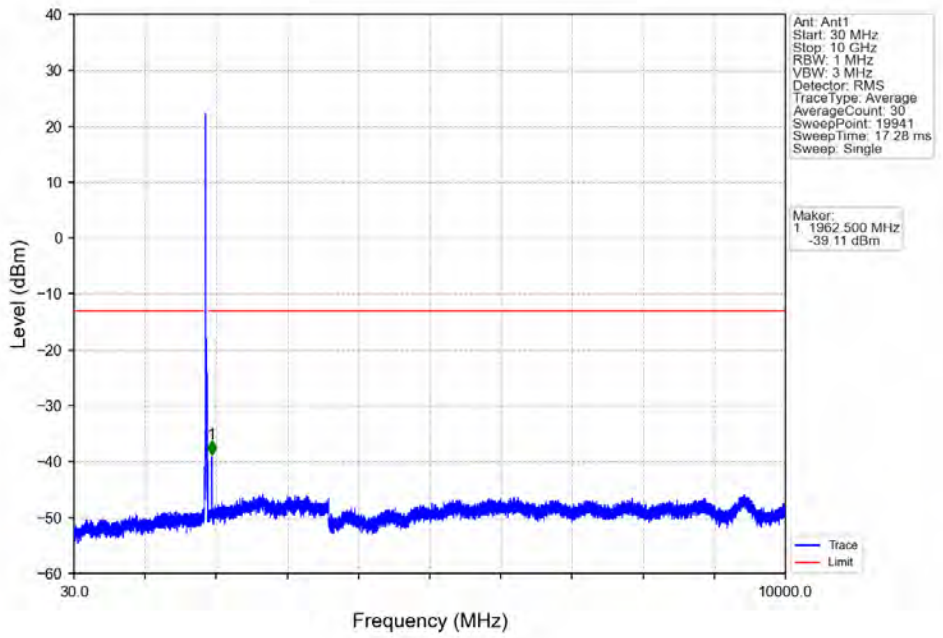

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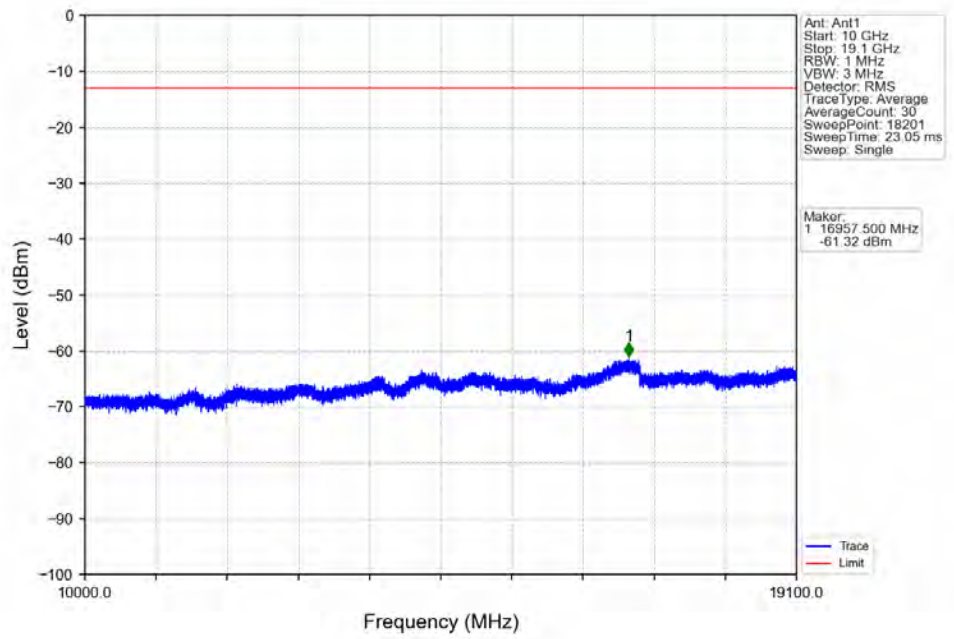

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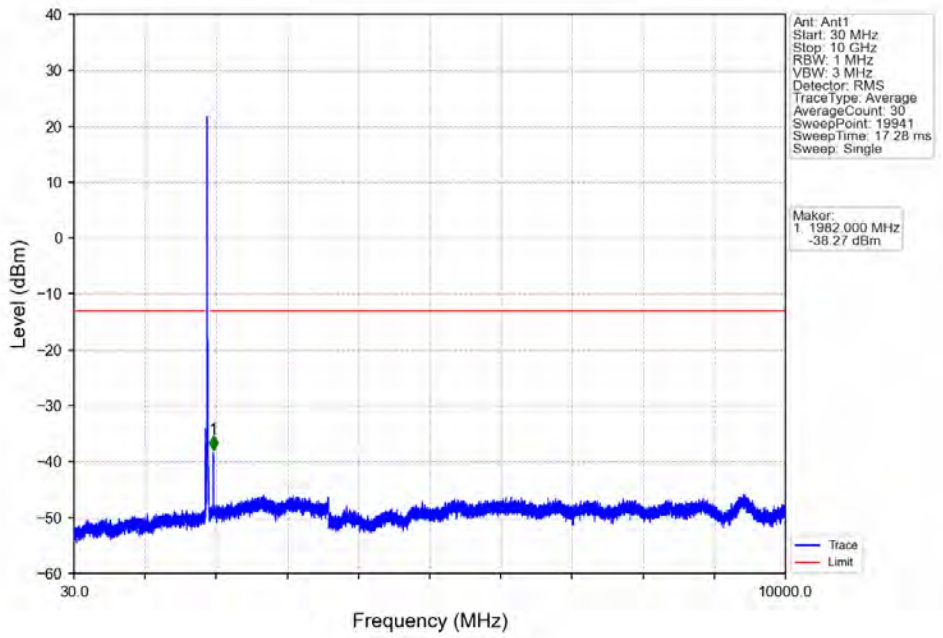
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_0_NTNV



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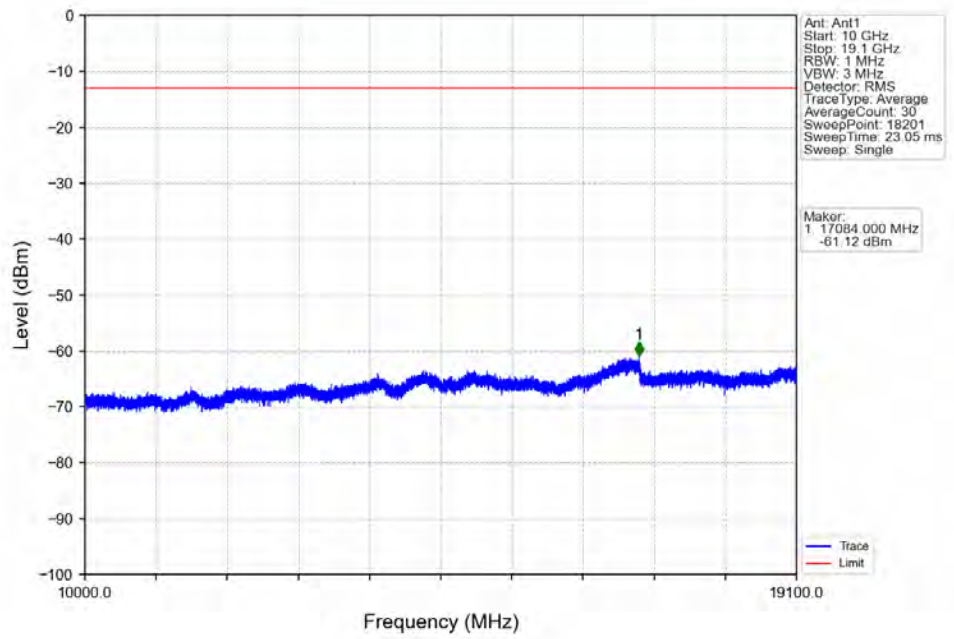

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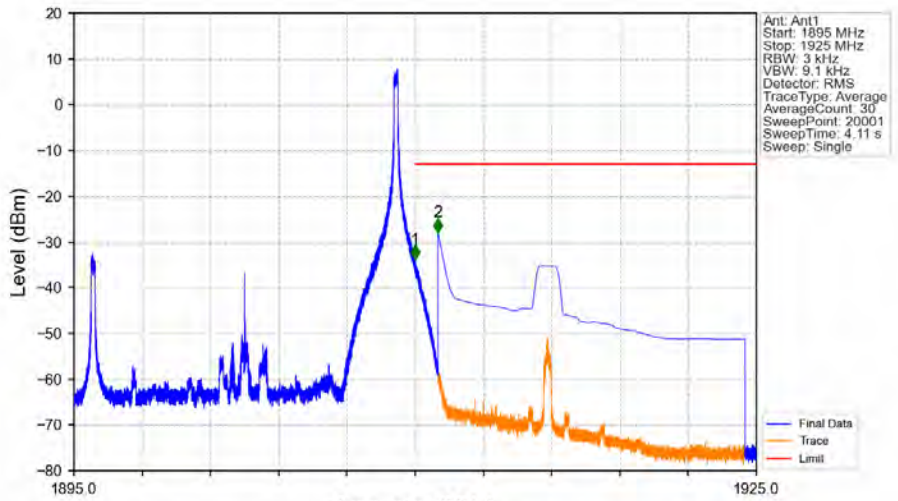

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.000	-33.81	-13	Pass
1911	1925	1	CHP	2	1911.001	-27.91	-13	Pass

Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV

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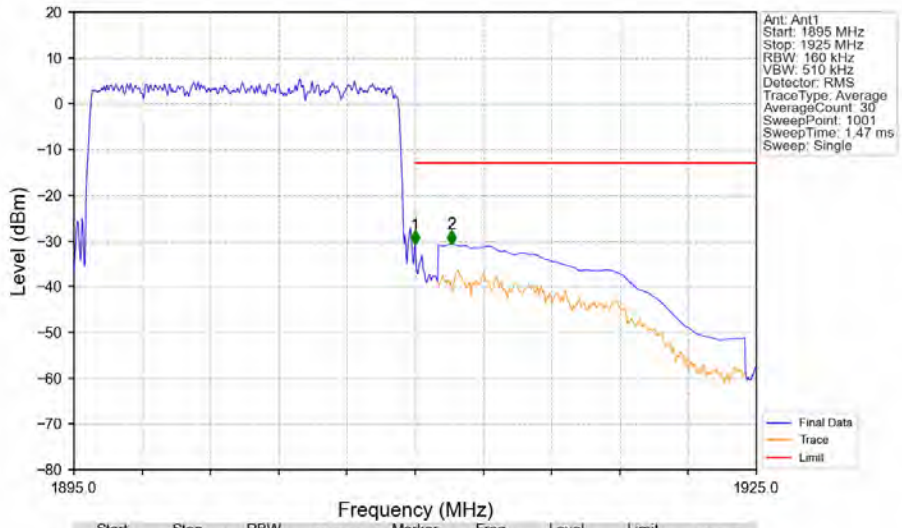

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.16	/	/	/	/	/	/
1910	1911	0.16	/	1	1910.000	-30.85	-13	Pass
1911	1925	1	CHP	2	1911.590	-30.72	-13	Pass

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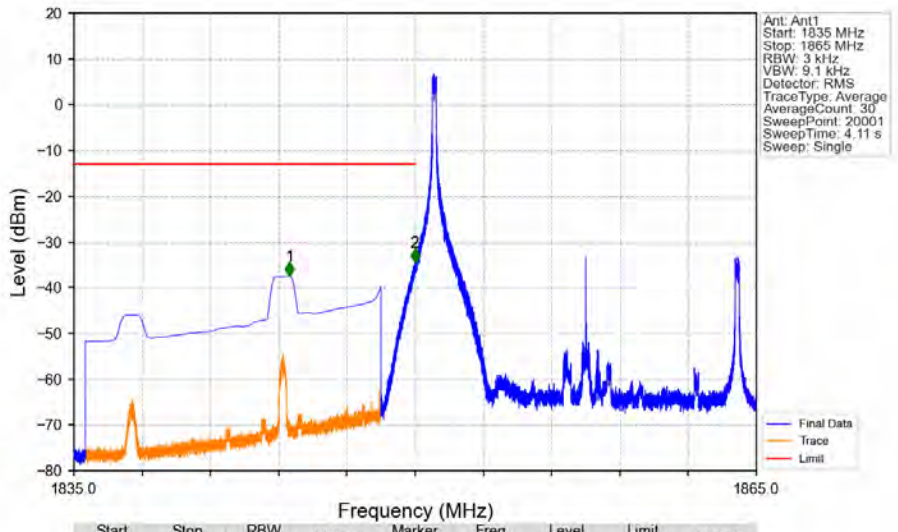
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1844.478	-37.53	-13	Pass
1849	1850	0.003	/	2	1849.986	-34.51	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

Band2_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV

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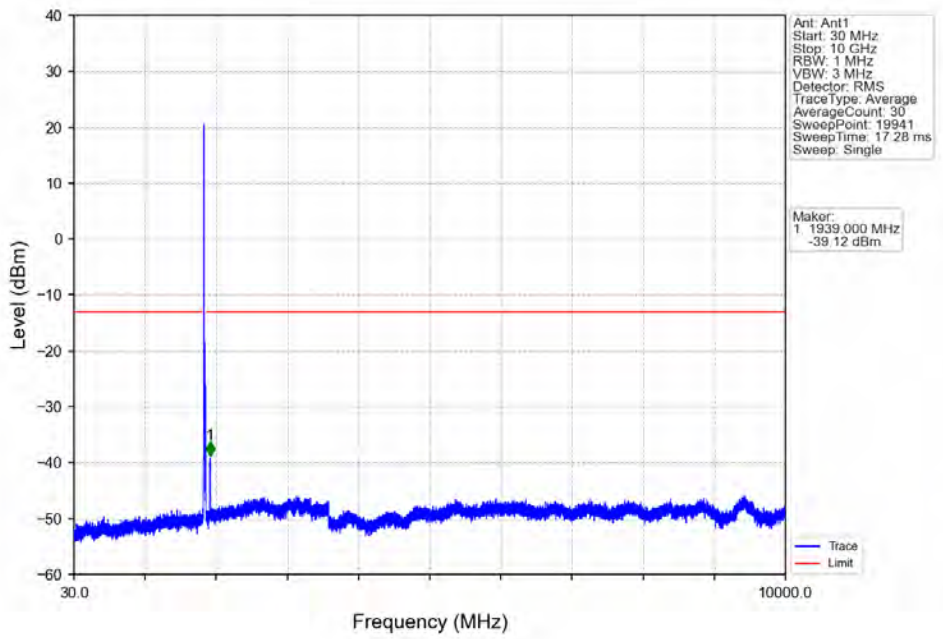

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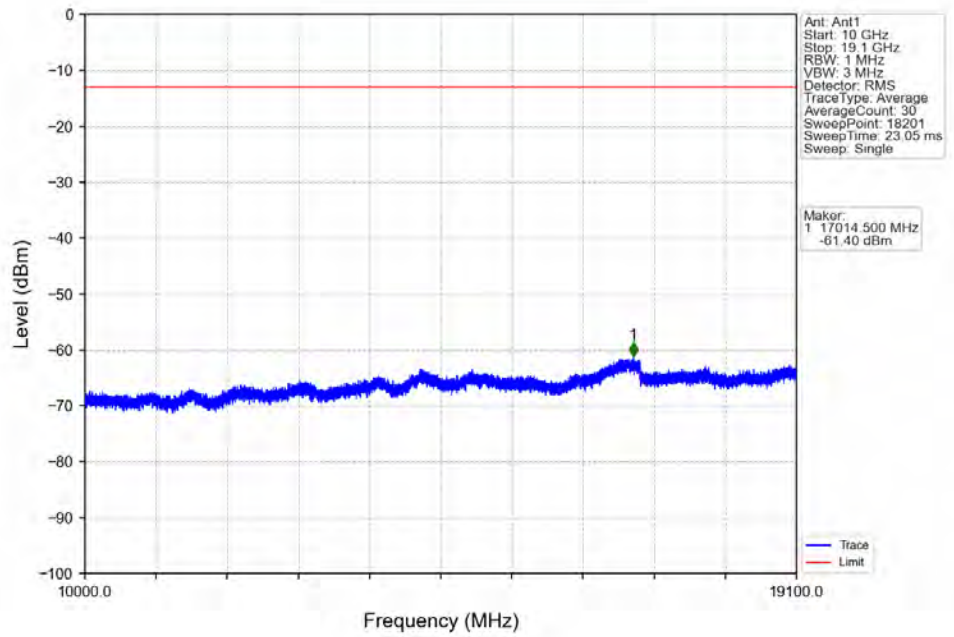
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV

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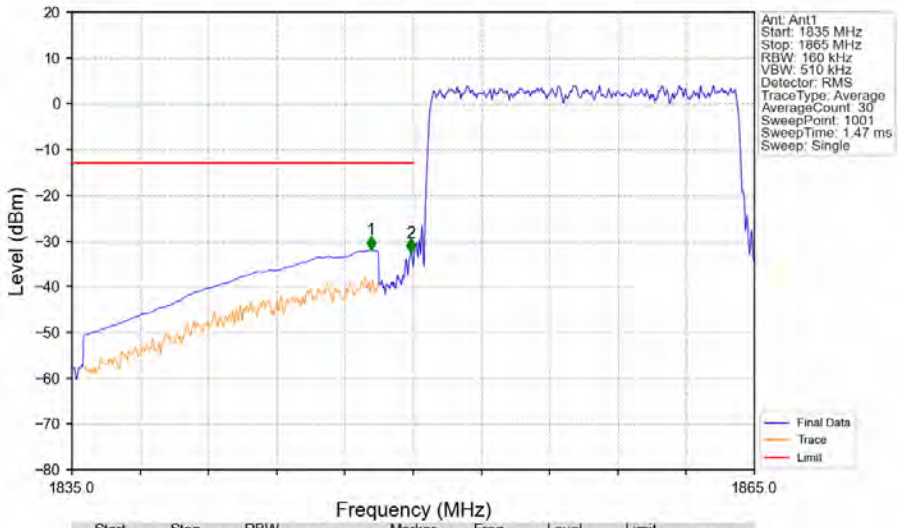

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.140	-31.94	-13	Pass
1849	1850	0.16	/	2	1849.910	-32.50	-13	Pass
1850	1865	0.16	/	/	/	/	/	/

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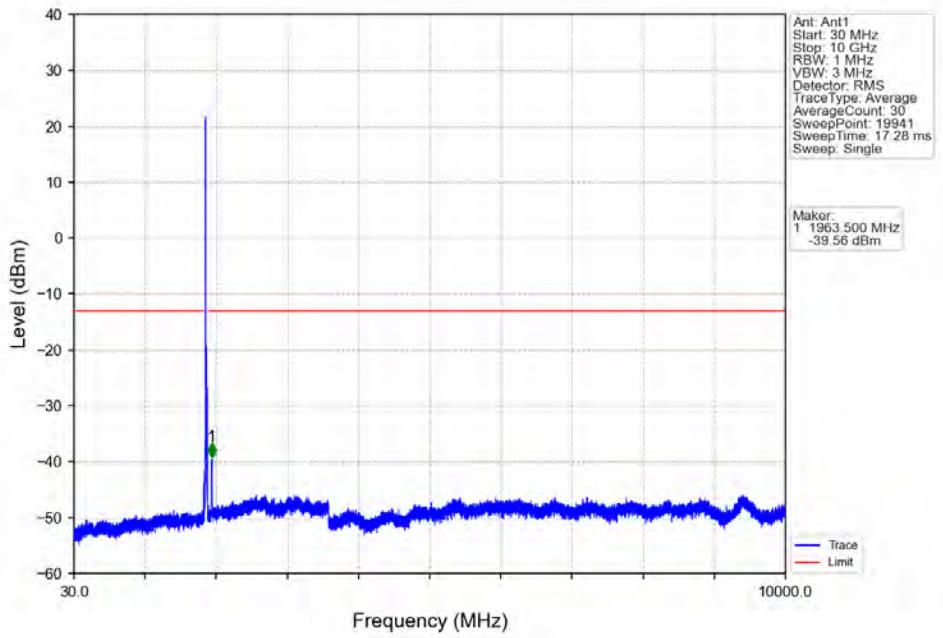
Band2_15MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



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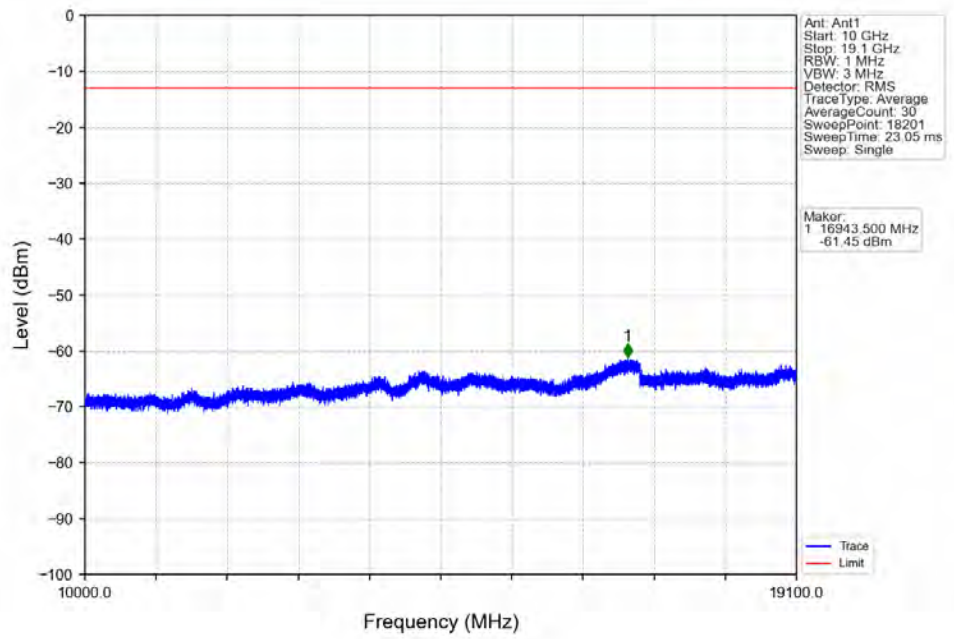

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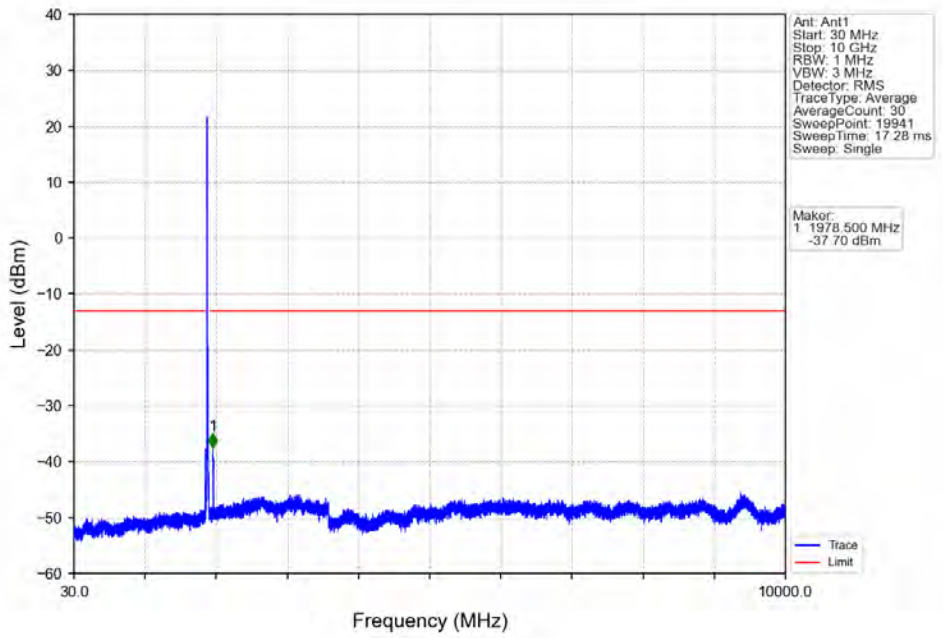

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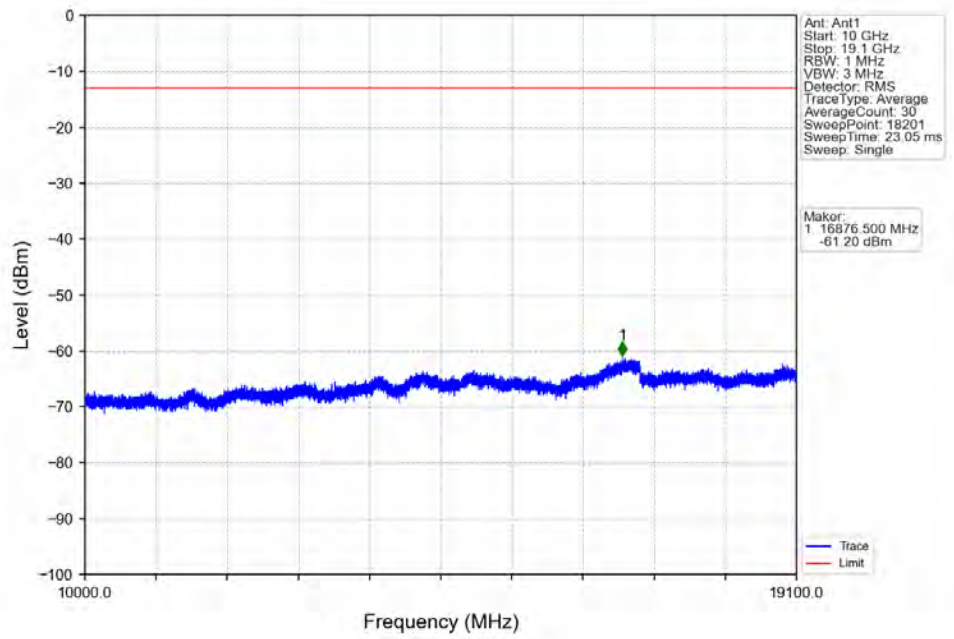

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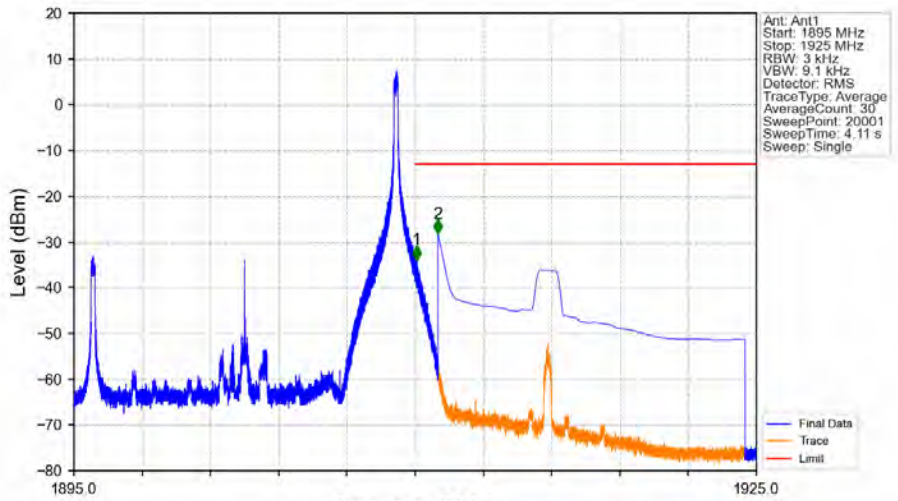

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.069	-33.89	-13	Pass
1911	1925	1	CHP	2	1911.001	-28.14	-13	Pass

Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV

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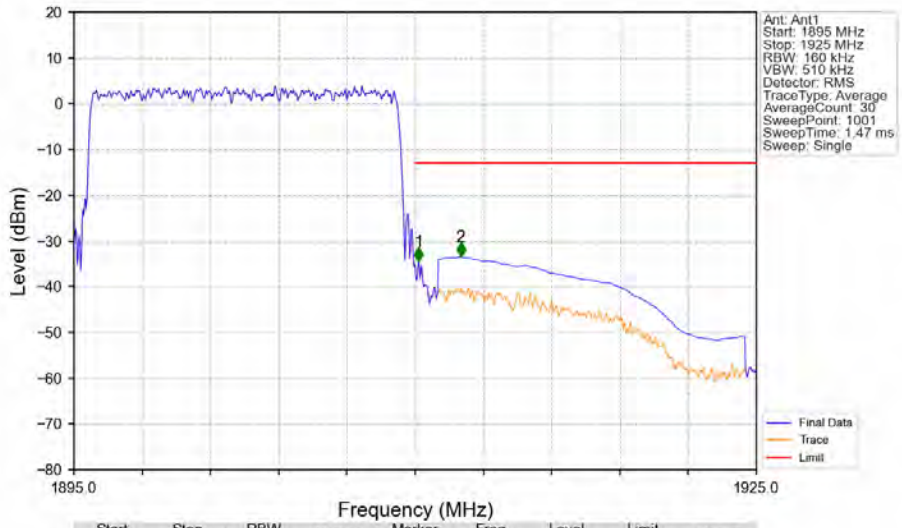

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.16	/	/	/	/	/	/
1910	1911	0.16	/	1	1910.150	-34.44	-13	Pass
1911	1925	1	CHP	2	1912.010	-33.52	-13	Pass

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5.6 B2_20MHz

5.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1900	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1900	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

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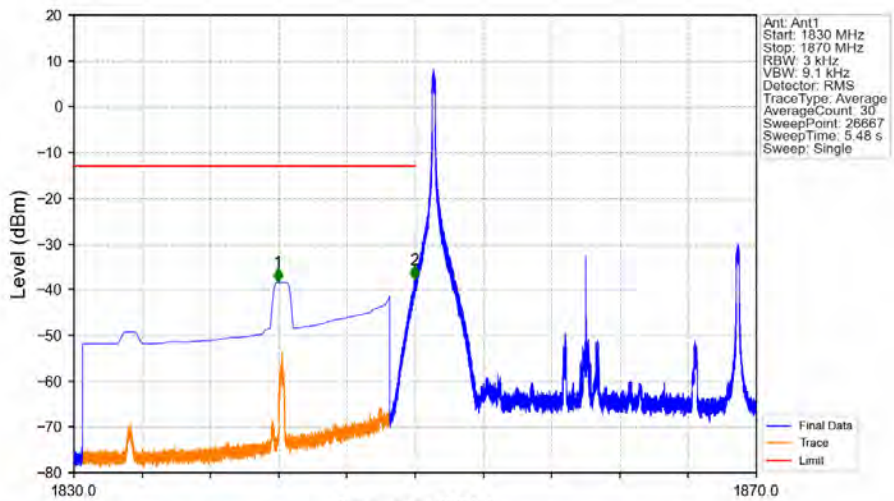
5.6.2 Test Graph

Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1841.964	-38.44	-13	Pass
1849	1850	0.003	/	2	1849.941	-37.81	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

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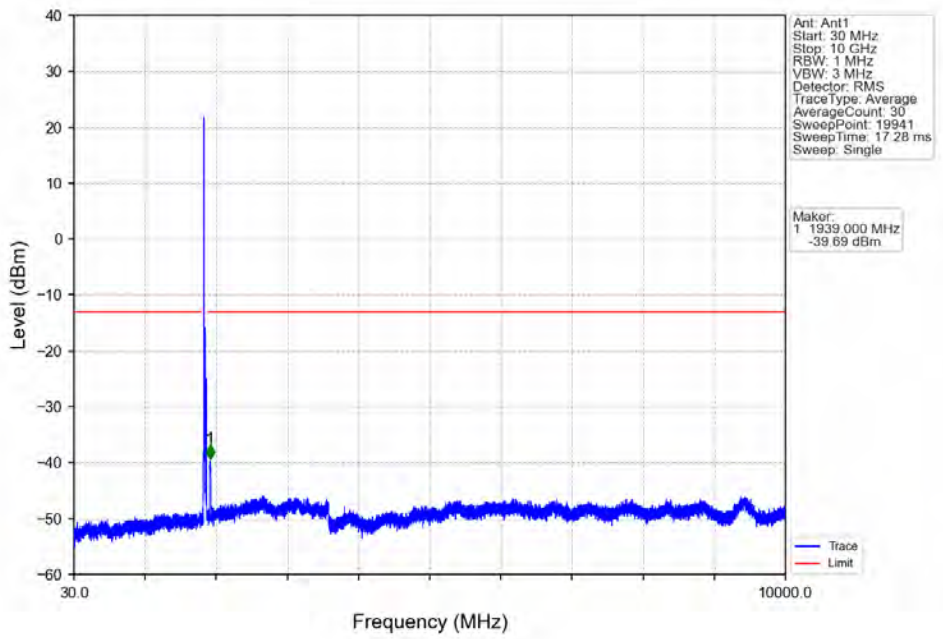

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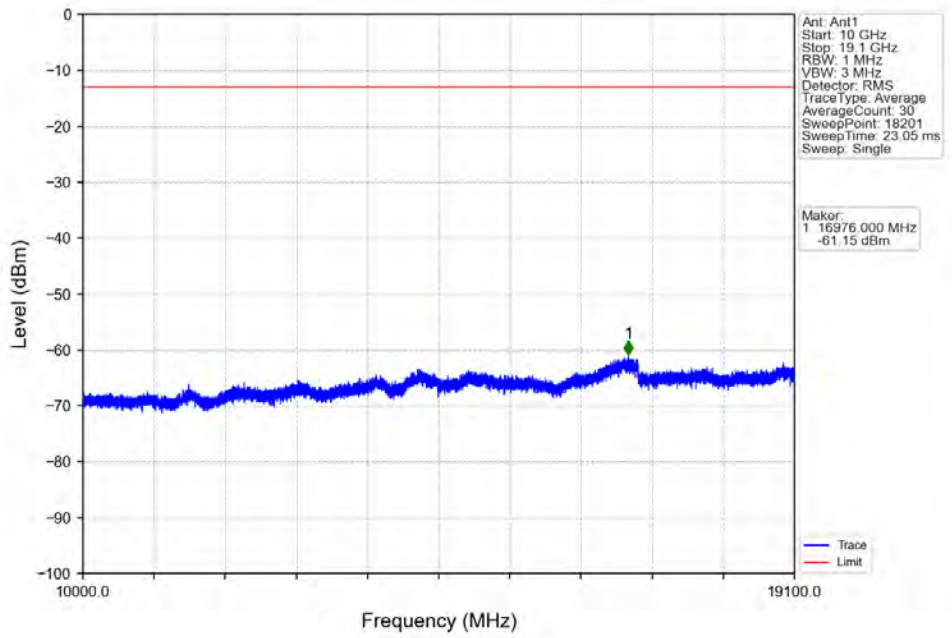
Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

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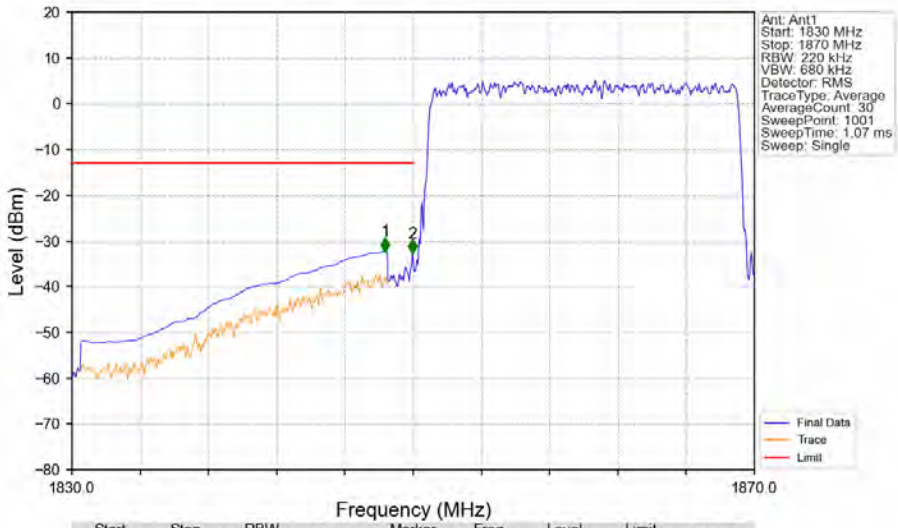

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.360	-32.31	-13	Pass
1849	1850	0.22	/	2	1849.960	-32.74	-13	Pass
1850	1870	0.22	/	/	/	/	/	/

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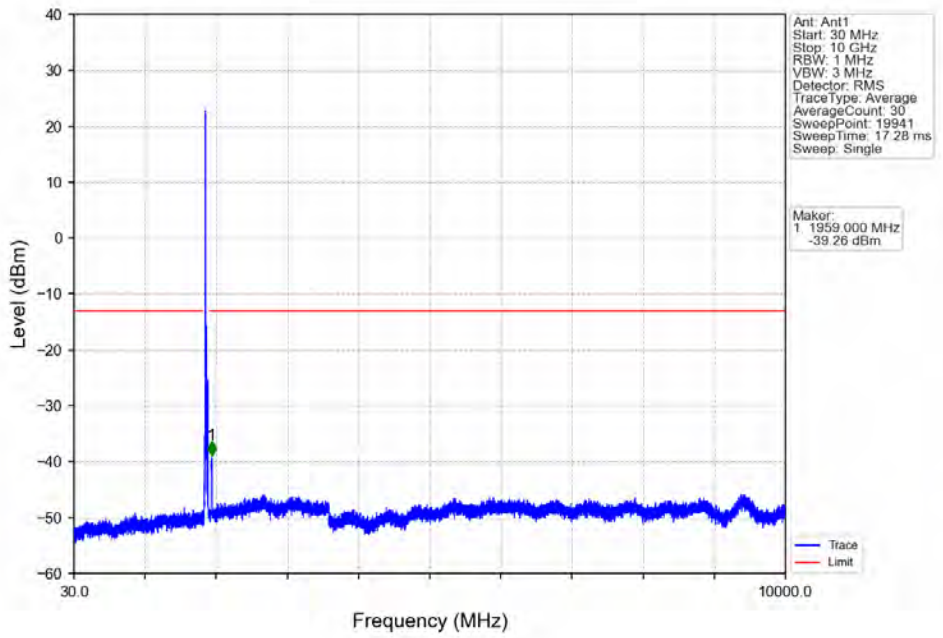
Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV

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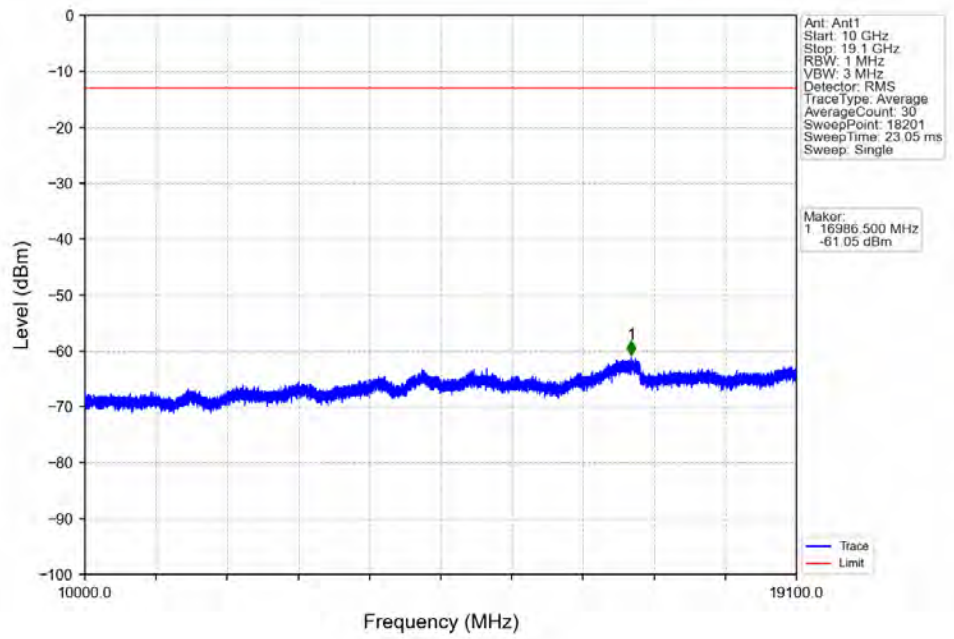

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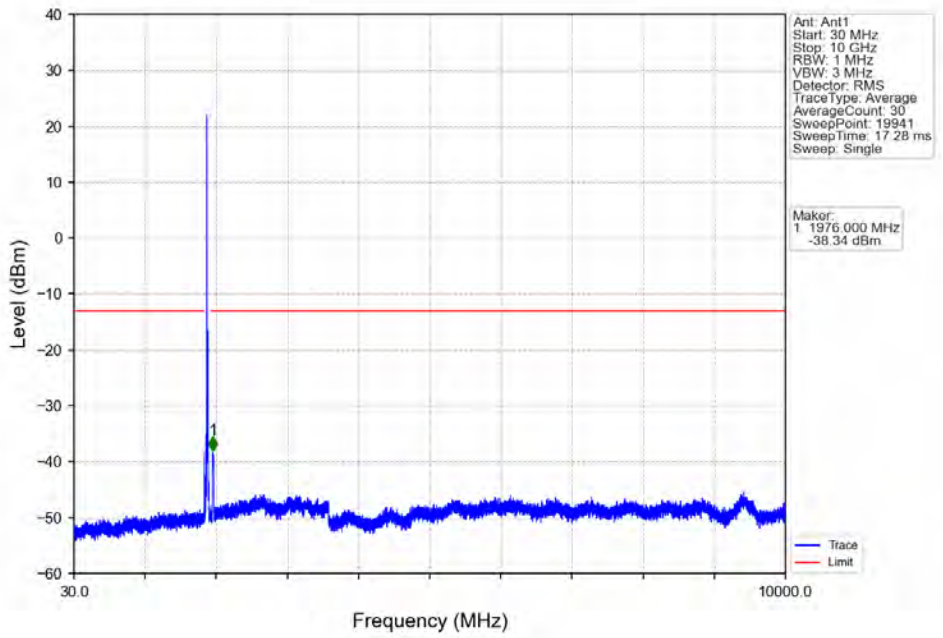

Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV

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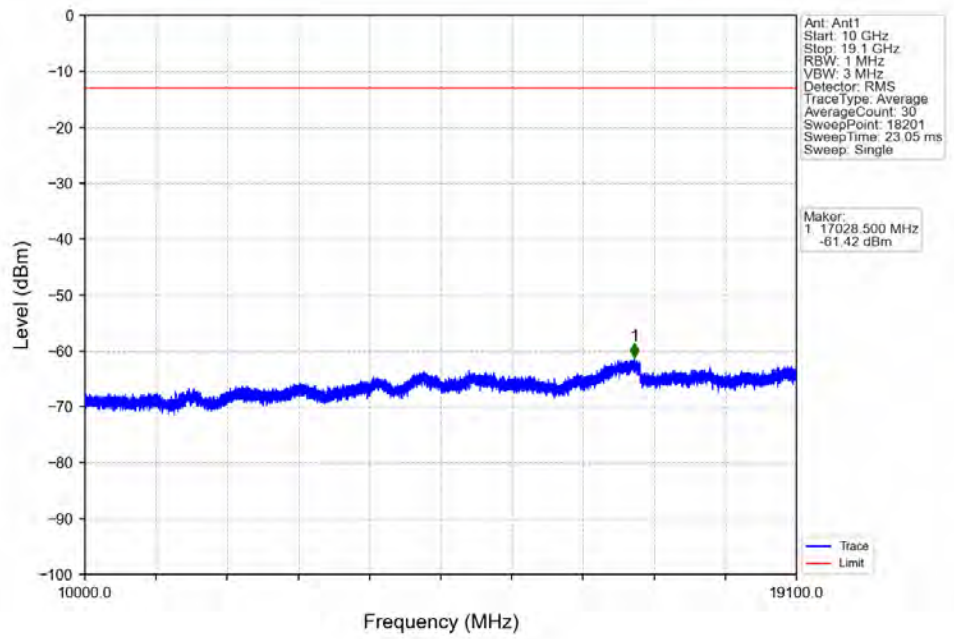

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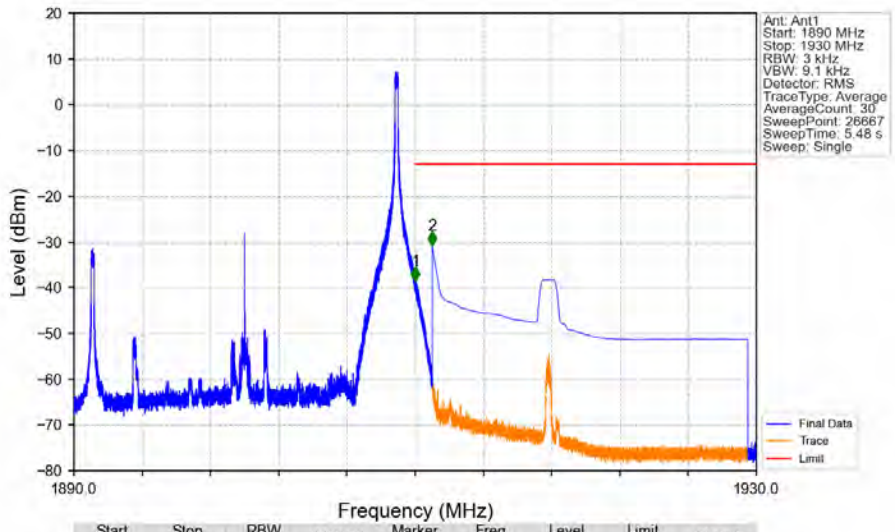
Band2_20MHz_QPSK_HCH_1900MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.018	-38.57	-13	Pass
1911	1930	1	CHP	2	1911.001	-30.77	-13	Pass

Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV

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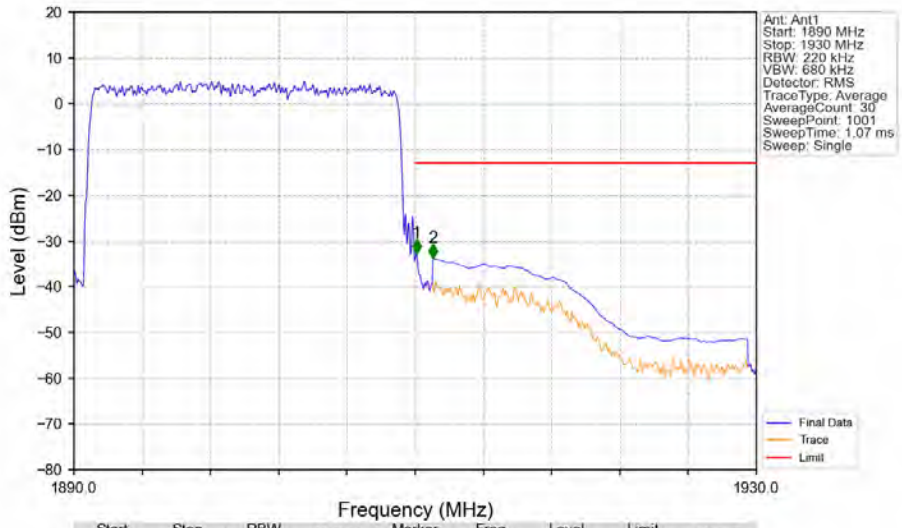

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.22	/	/	/	/	/	/
1910	1911	0.22	/	1	1910.080	-32.67	-13	Pass
1911	1930	1	CHP	2	1911.040	-33.73	-13	Pass

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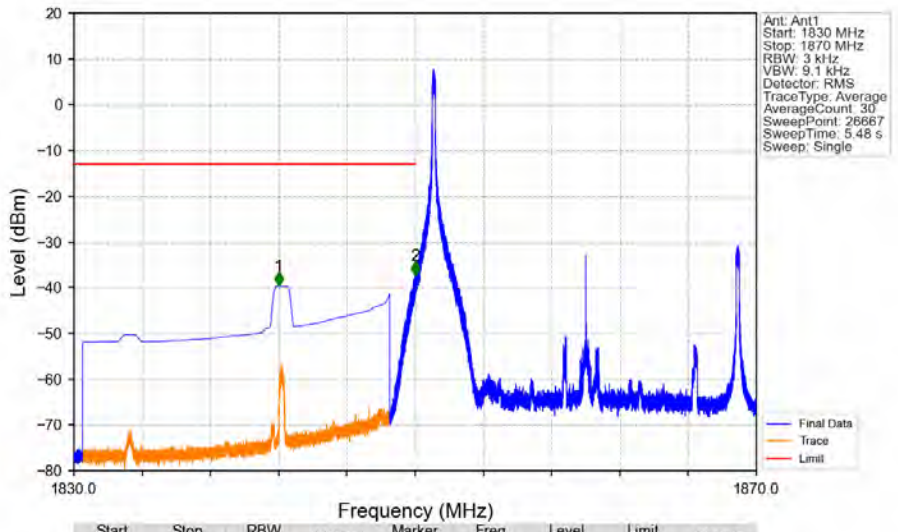

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1841.996	-39.66	-13	Pass
1849	1850	0.003	/	2	1849.995	-37.32	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

Band2_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV

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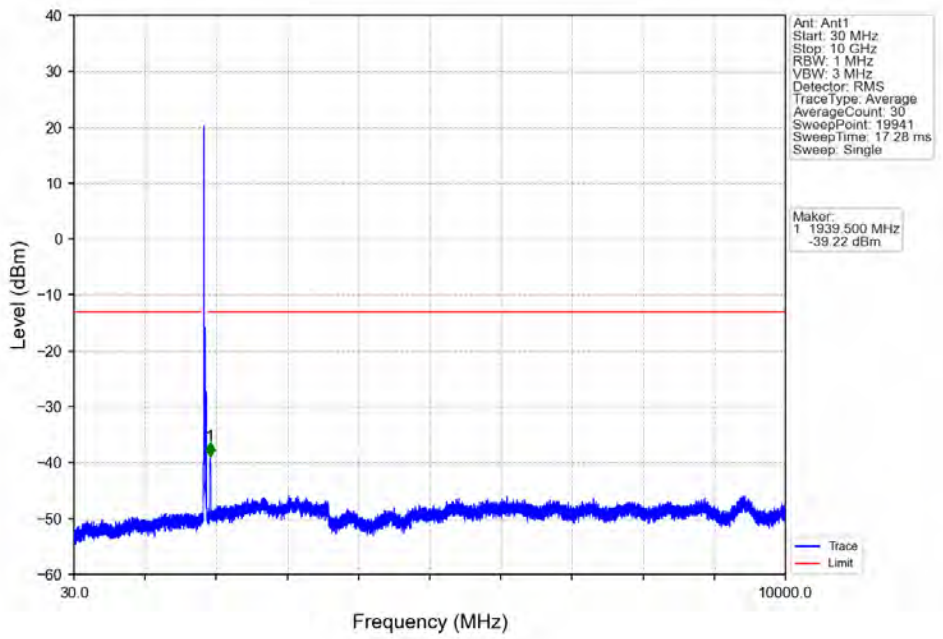

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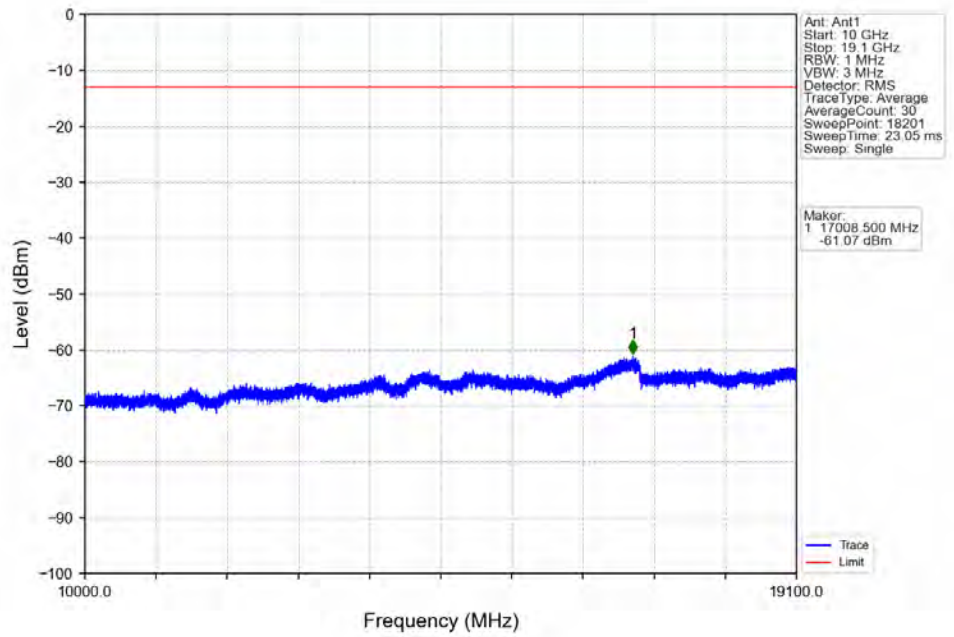

Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV

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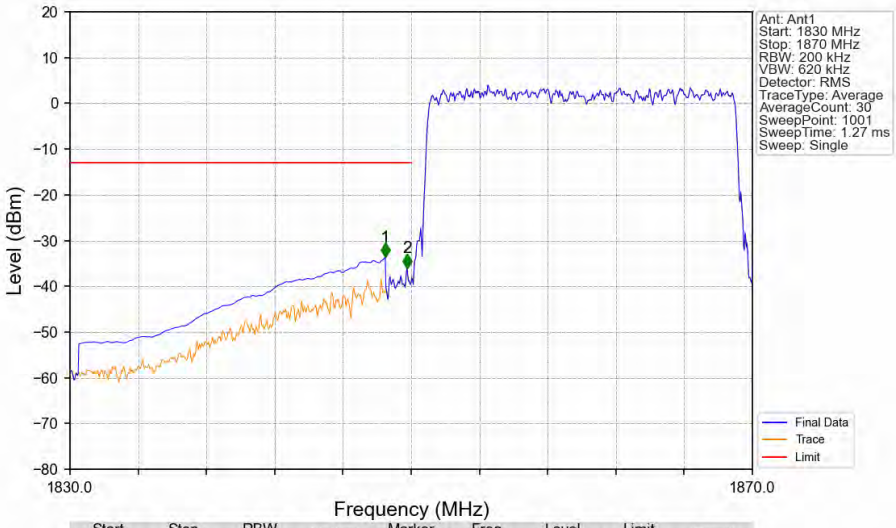

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-33.69	-13	Pass
1849	1850	0.2	/	2	1849.760	-36.00	-13	Pass
1850	1870	0.2	/	/	/	/	/	/

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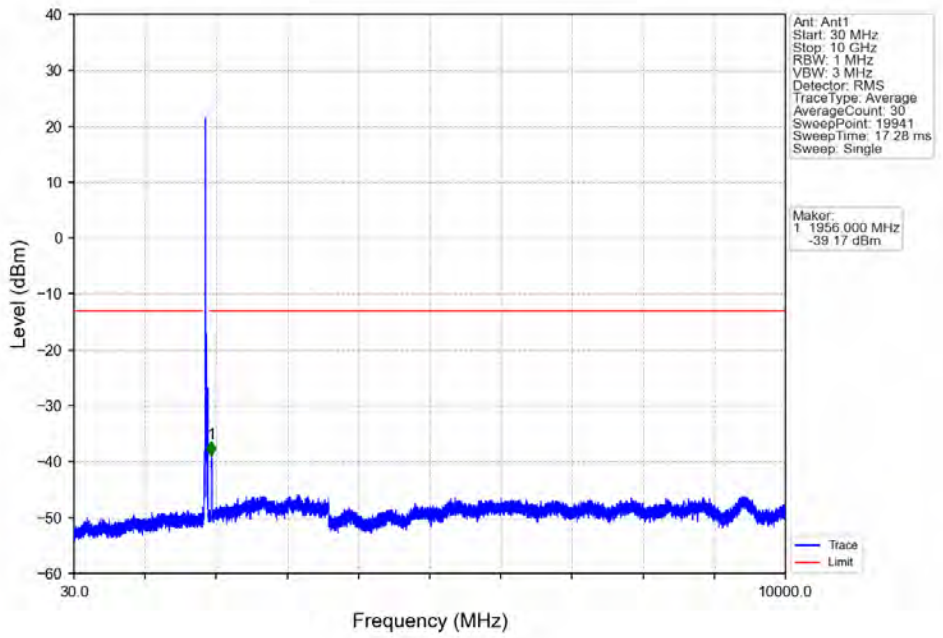
Band2_20MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV

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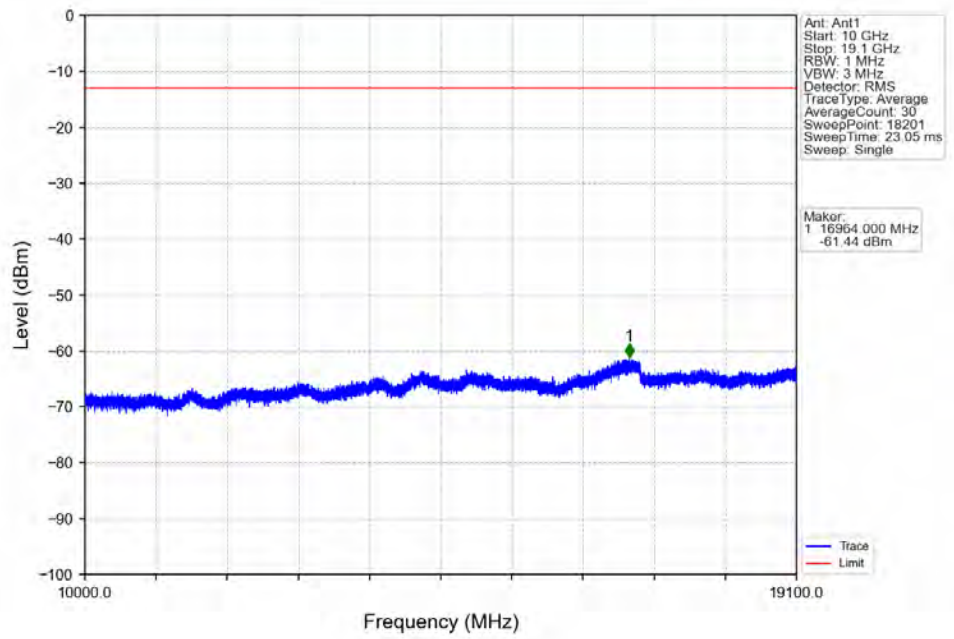

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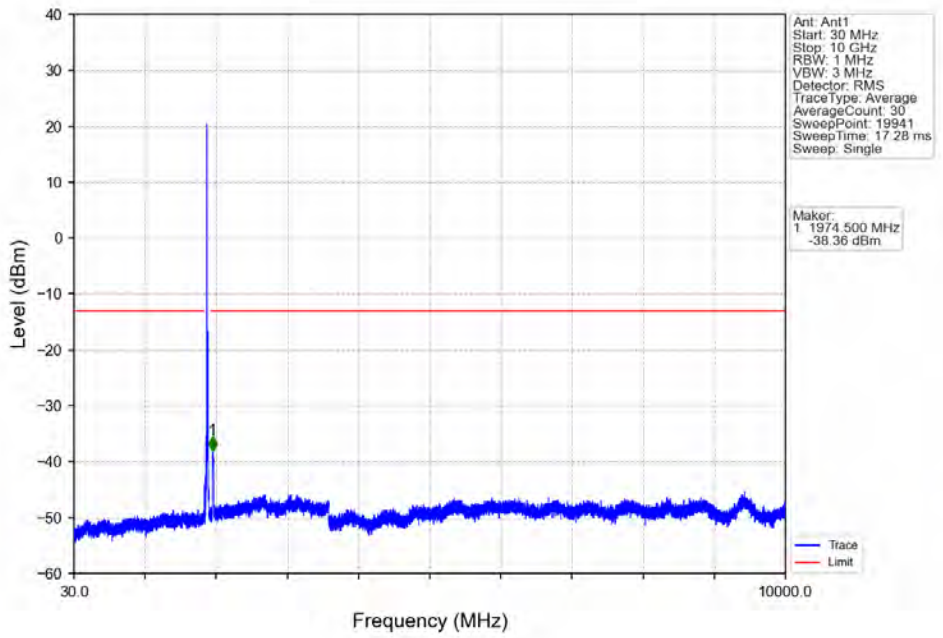

Band2_20MHz_16QAM_HCH_1900MHz_RB_1_0_NTNV

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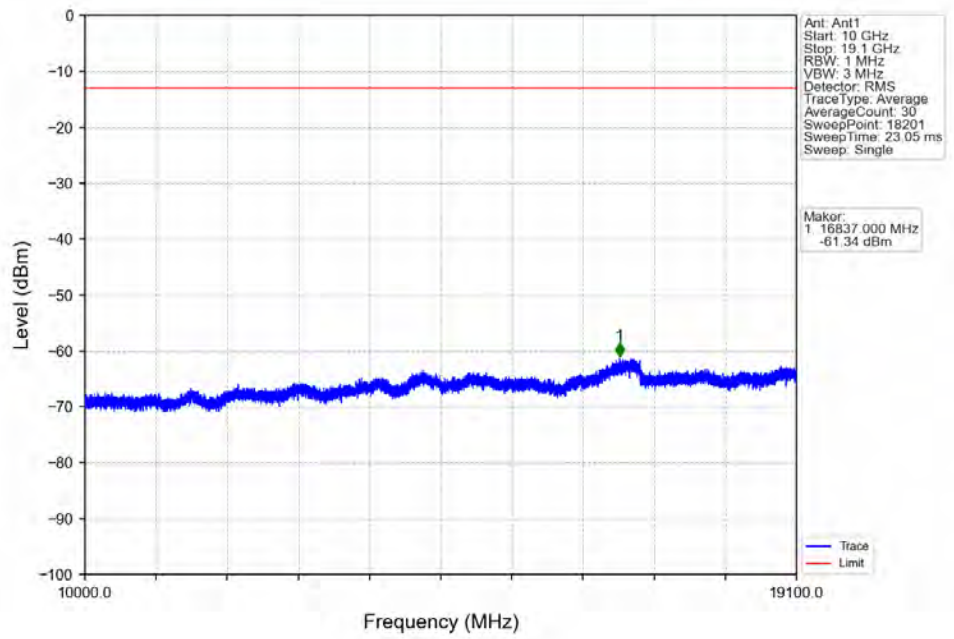

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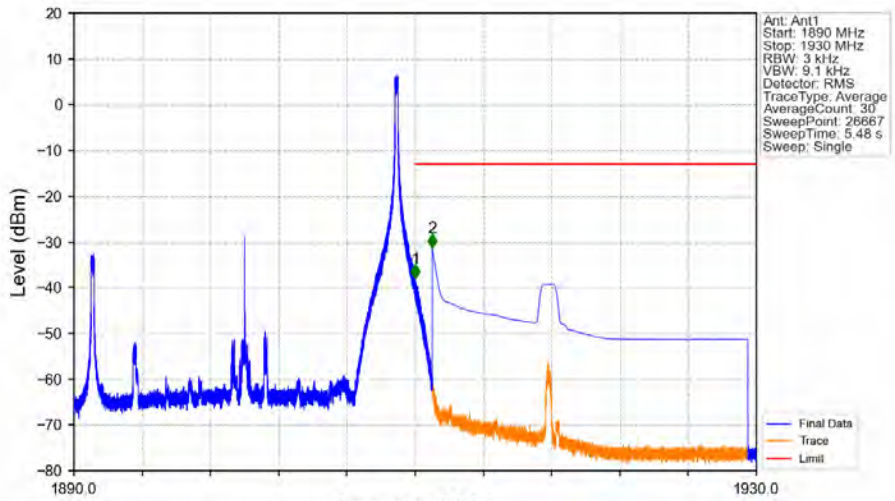

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.007	-38.10	-13	Pass
1911	1930	1	CHP	2	1911.001	-31.38	-13	Pass

Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

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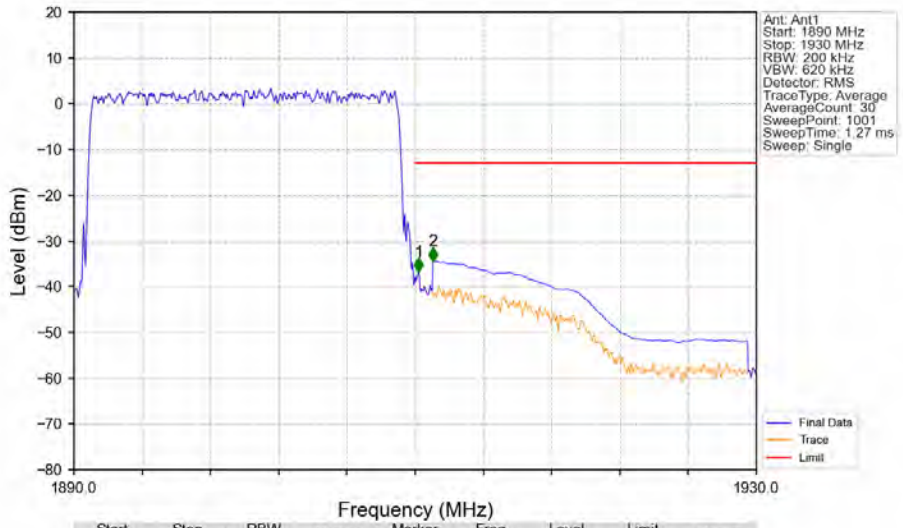

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.2	/	/	/	/	/	/
1910	1911	0.2	/	1	1910.200	-36.74	-13	Pass
1911	1930	1	CHP	2	1911.040	-34.43	-13	Pass

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6. Field Strength of Spurious Radiation

Test Band = LTE_B2 _TM1
Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702	63.97	-44.52	29.31	-46.50	-13.00	33.50	Horizontal
2	5553.5	61.87	-41.63	32.23	-42.79	-13.00	29.79	Horizontal
3	8893.5	41.32	-36.18	36.71	-53.41	-13.00	40.41	Horizontal
4	11819	42.07	-38.96	39.82	-52.33	-13.00	39.33	Horizontal
5	15280.5	39.47	-36.02	39.86	-51.95	-13.00	38.95	Horizontal
6	17994.5	37.89	-43.08	48.10	-52.35	-13.00	39.35	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.5	58.75	-44.52	29.32	-51.71	-13.00	38.71	Vertical
2	5553.5	60.52	-41.63	32.23	-44.14	-13.00	31.14	Vertical
3	7405	42.72	-38.28	36.71	-54.11	-13.00	41.11	Vertical
4	11056	41.71	-37.32	40.16	-50.71	-13.00	37.71	Vertical
5	15167	39.49	-36.59	39.90	-52.46	-13.00	39.46	Vertical
6	17984.5	38.47	-43.16	47.92	-52.03	-13.00	39.03	Vertical

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Test Band = LTE_B2 _TM1
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742	63.92	-44.69	29.55	-46.48	-13.00	33.48	Horizontal
2	5613	57.70	-41.40	32.57	-46.39	-13.00	33.39	Horizontal
3	8396.5	41.96	-36.99	36.49	-53.80	-13.00	40.80	Horizontal
4	11830	42.06	-39.10	39.83	-52.47	-13.00	39.47	Horizontal
5	15222	38.70	-35.49	39.74	-52.31	-13.00	39.31	Horizontal
6	17993.5	38.05	-43.09	48.08	-52.22	-13.00	39.22	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742	55.88	-44.69	29.55	-54.52	-13.00	41.52	Vertical
2	5613.5	60.28	-41.40	32.57	-43.81	-13.00	30.81	Vertical
3	7414.5	42.99	-38.28	36.73	-53.82	-13.00	40.82	Vertical
4	9565	41.25	-35.77	37.80	-51.98	-13.00	38.98	Vertical
5	13614.5	40.59	-37.86	40.11	-52.42	-13.00	39.42	Vertical
6	17997.5	37.50	-43.06	48.16	-52.66	-13.00	39.66	Vertical

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Test Band = LTE_B2 _TM1
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782	62.38	-44.85	29.73	-48.00	-13.00	35.00	Horizontal
2	5673.5	55.44	-41.22	32.50	-48.54	-13.00	35.54	Horizontal
3	8955	41.18	-36.11	36.88	-53.31	-13.00	40.31	Horizontal
4	11838.5	42.37	-39.21	39.84	-52.26	-13.00	39.26	Horizontal
5	16411	38.85	-34.91	38.86	-52.46	-13.00	39.46	Horizontal
6	17988	38.14	-43.13	47.98	-52.27	-13.00	39.27	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782	56.41	-44.85	29.73	-53.97	-13.00	40.97	Vertical
2	5673.5	57.78	-41.22	32.50	-46.20	-13.00	33.20	Vertical
3	7900	42.30	-37.48	36.50	-53.94	-13.00	40.94	Vertical
4	11114	41.96	-37.82	40.20	-50.92	-13.00	37.92	Vertical
5	13552.5	40.46	-37.91	40.01	-52.70	-13.00	39.70	Vertical
6	16348	39.48	-35.11	38.64	-52.25	-13.00	39.25	Vertical

Remark:
1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:
AF = Antenna Factor(dB/m)
Factor = Cable Factor(dB) - Preamplifier (dB)
Level = Reading Level + AF + Factor -95.26
Margin = Limit – Level

---End of Attachment---

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