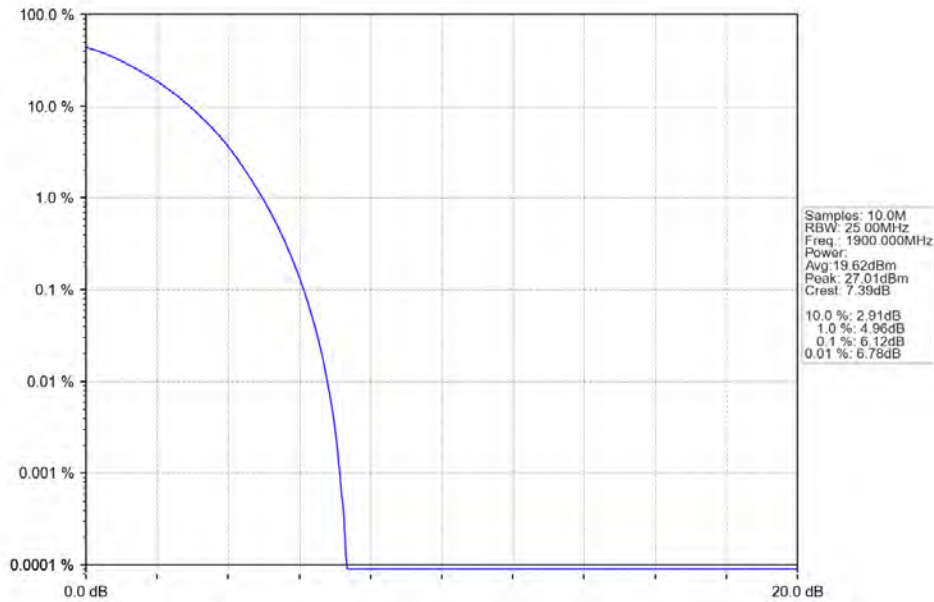


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Band2_20MHz_64QAM_HCH_1900MHz_RB_100_0_NTNV



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5. Spurious Emission & Band Edges

5.1 B2_1.4MHz

5.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV						
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
		1	0	Refer To Test Graph		Pass
		1	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
		1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
64QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

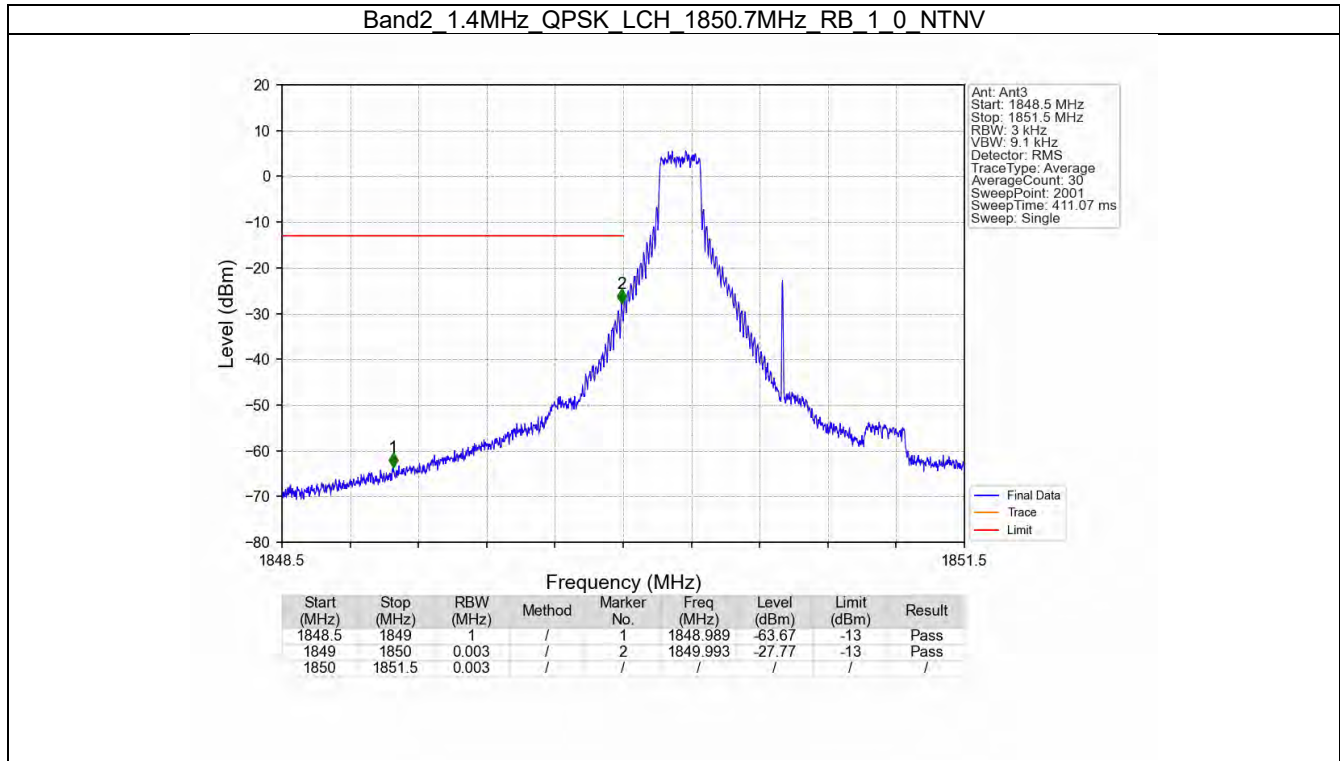


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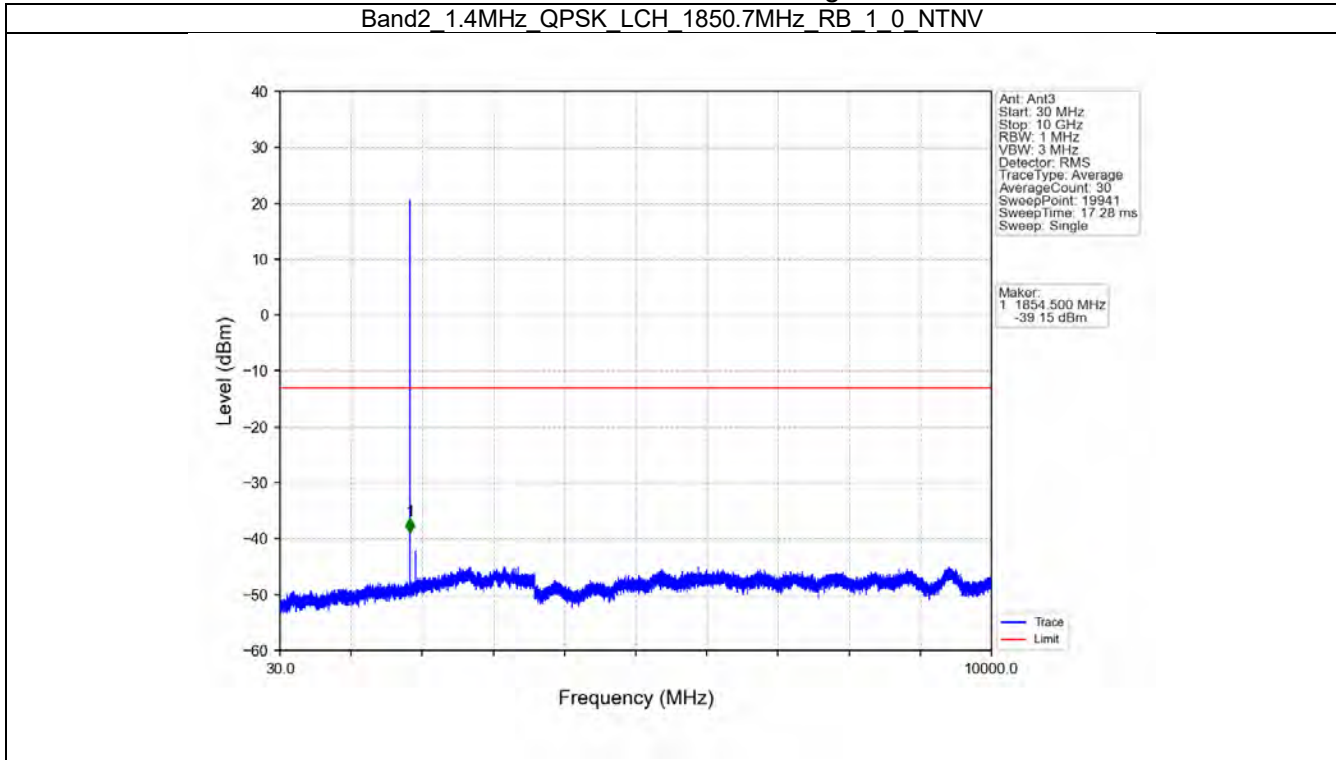
5.1.2 Test Graph



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Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

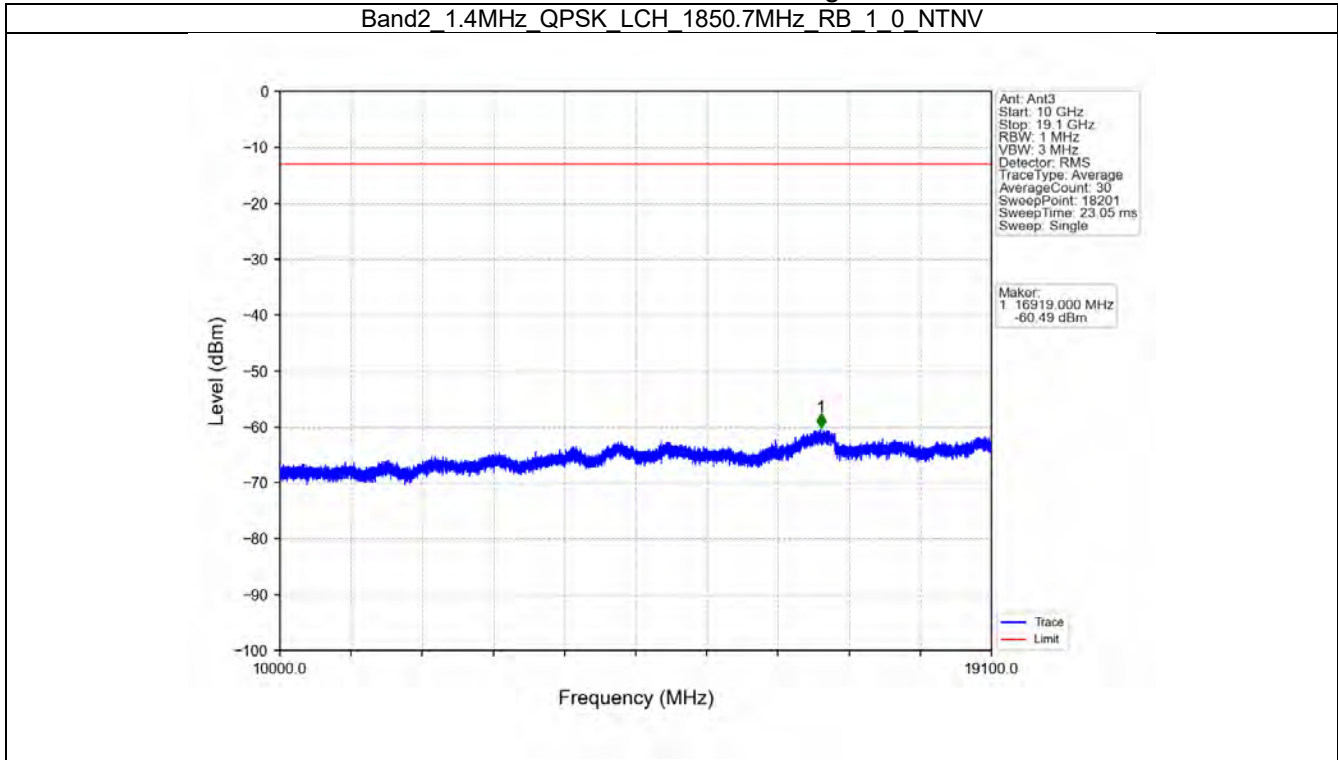


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Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



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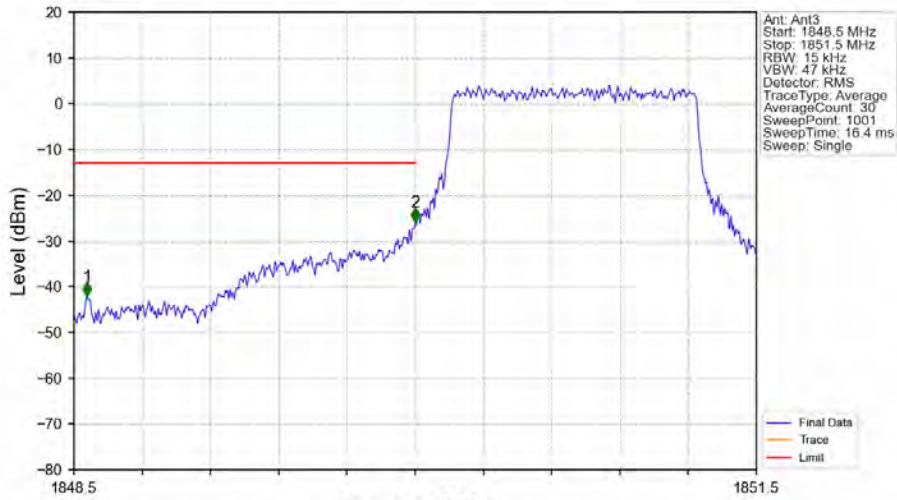
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Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.557	-42.11	-13	Pass
1849	1850	0.015	/	2	1850.000	-25.87	-13	Pass
1850	1851.5	0.015	/	/	/	/	/	/



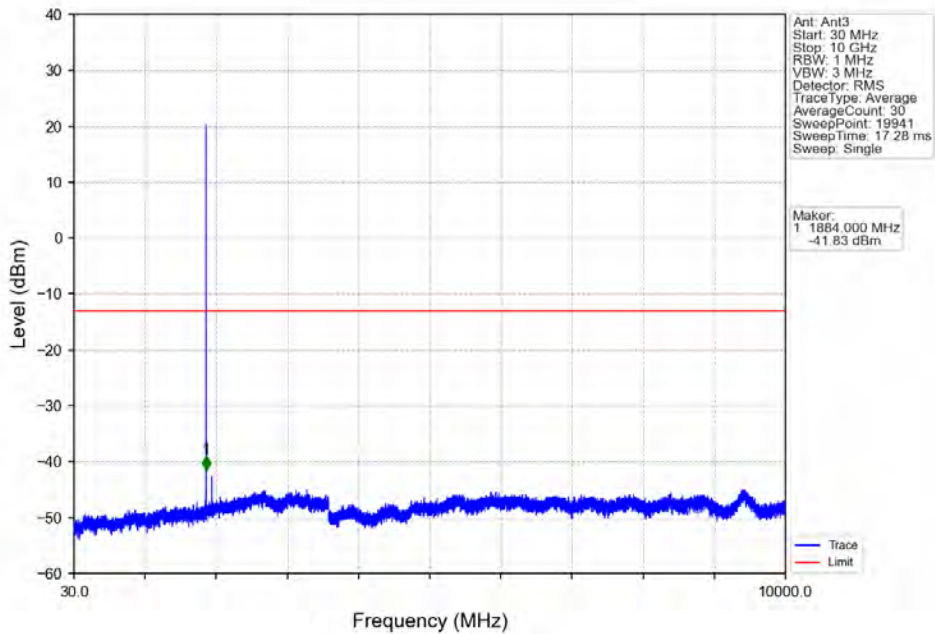
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Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



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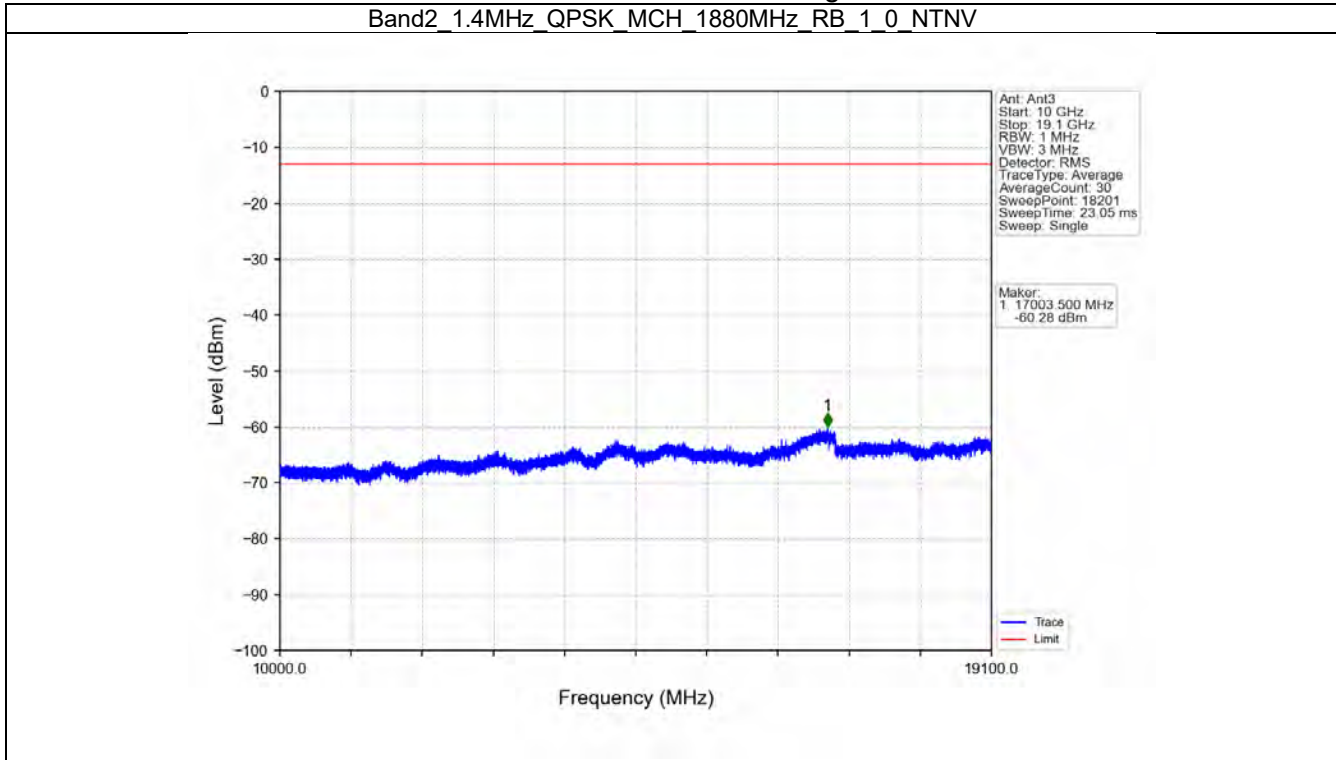
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Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV

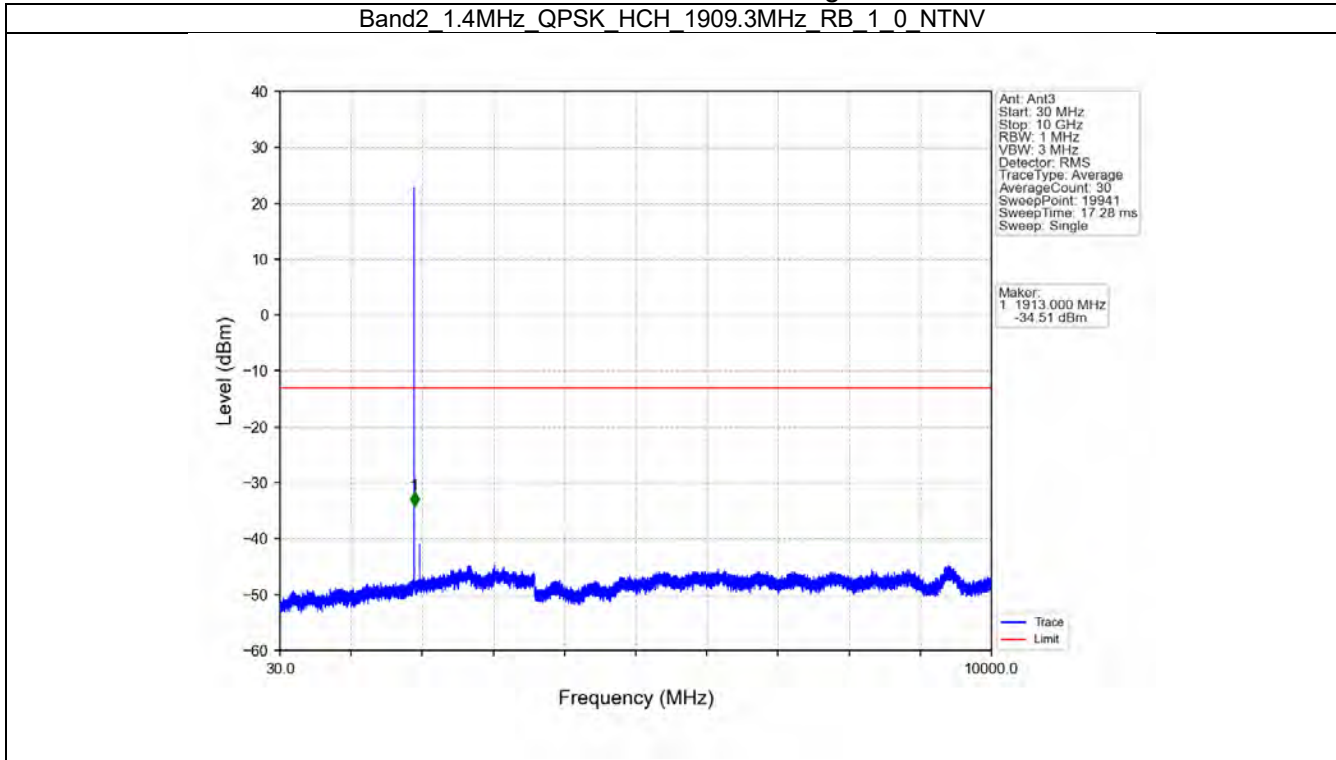


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Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV

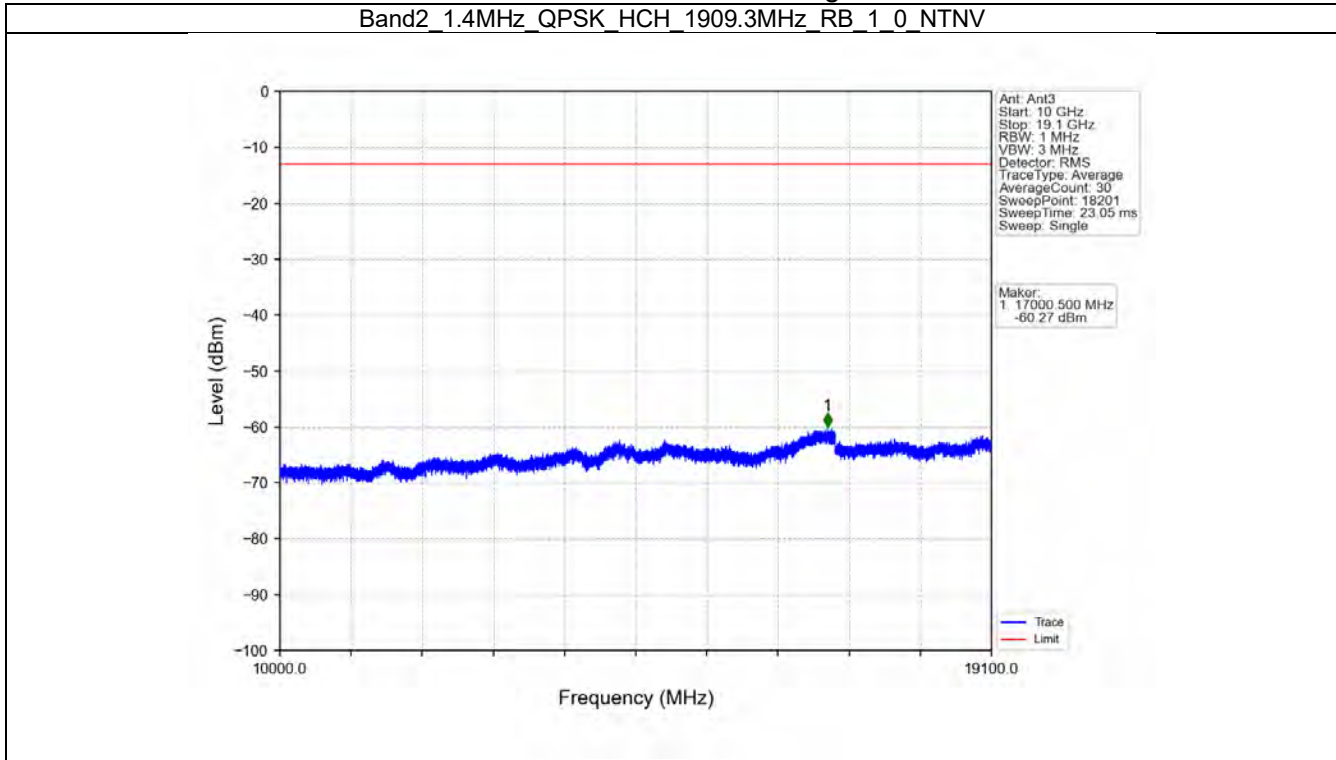


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Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV



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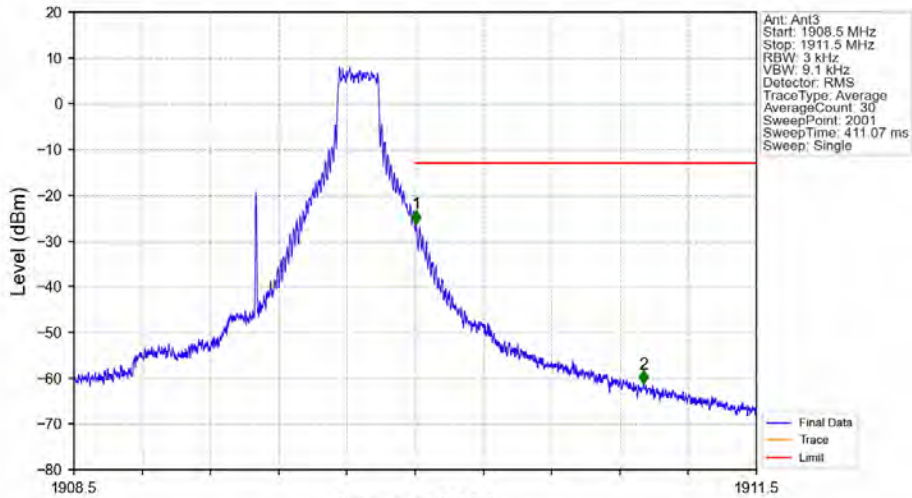
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Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_5_NTNV



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	1910.005	-26.32	-13	Pass
1911	1911.5	1	/	2	1911.004	-61.32	-13	Pass



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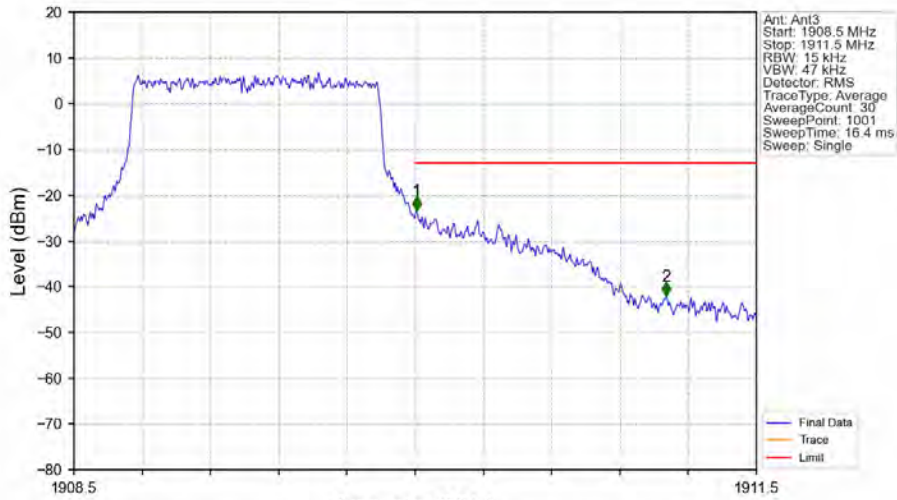
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Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.015	/	/	/	/	/	/
1910	1911	0.015	/	1	1910.006	-23.40	-13	Pass
1911	1911.5	1	/	2	1911.104	-42.03	-13	Pass



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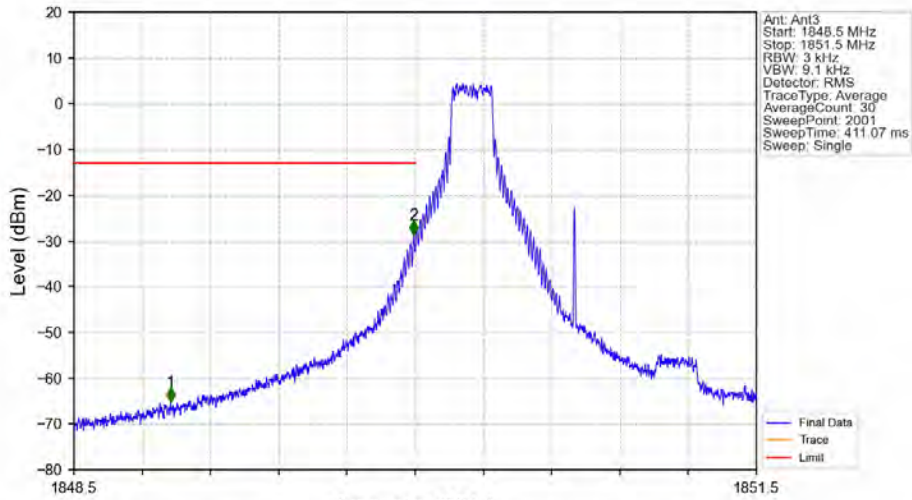
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Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.925	-65.24	-13	Pass
1849	1850	0.003	/	2	1849.994	-28.62	-13	Pass
1850	1851.5	0.003	/	/	/	/	/	/

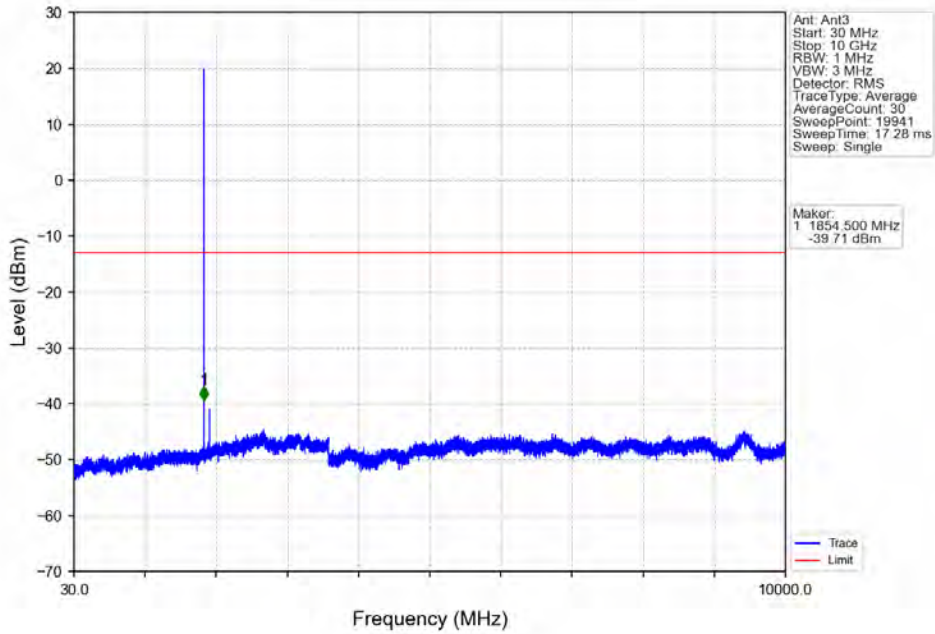


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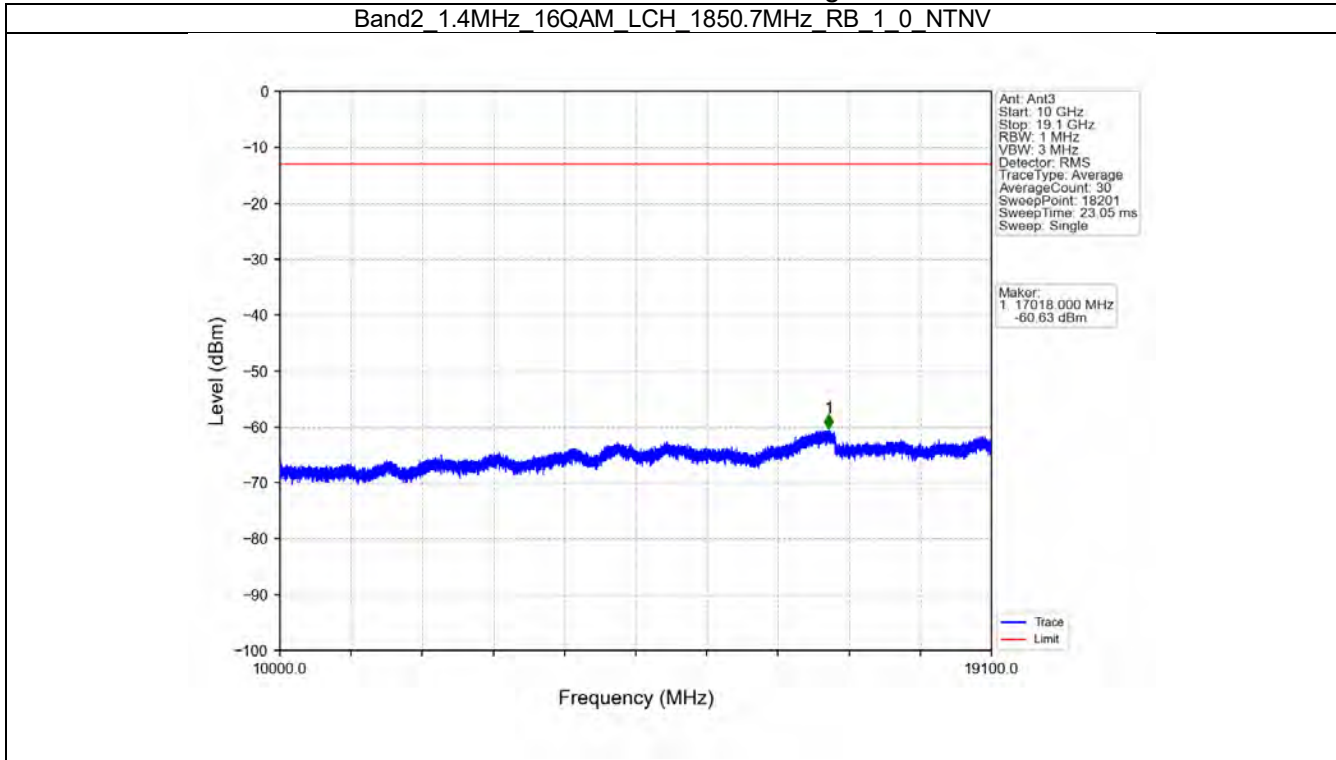
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Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



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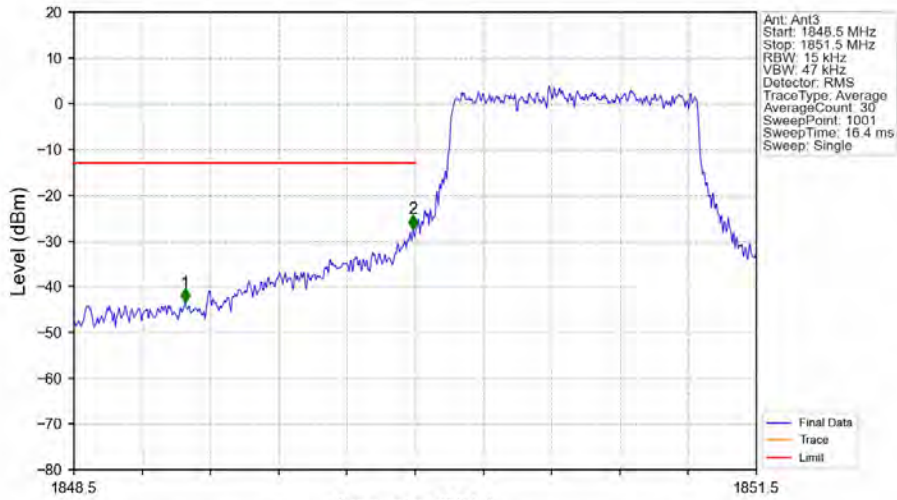
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Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.989	-43.44	-13	Pass
1849	1850	0.015	/	2	1849.991	-27.38	-13	Pass
1850	1851.5	0.015	/	/	/	/	/	/

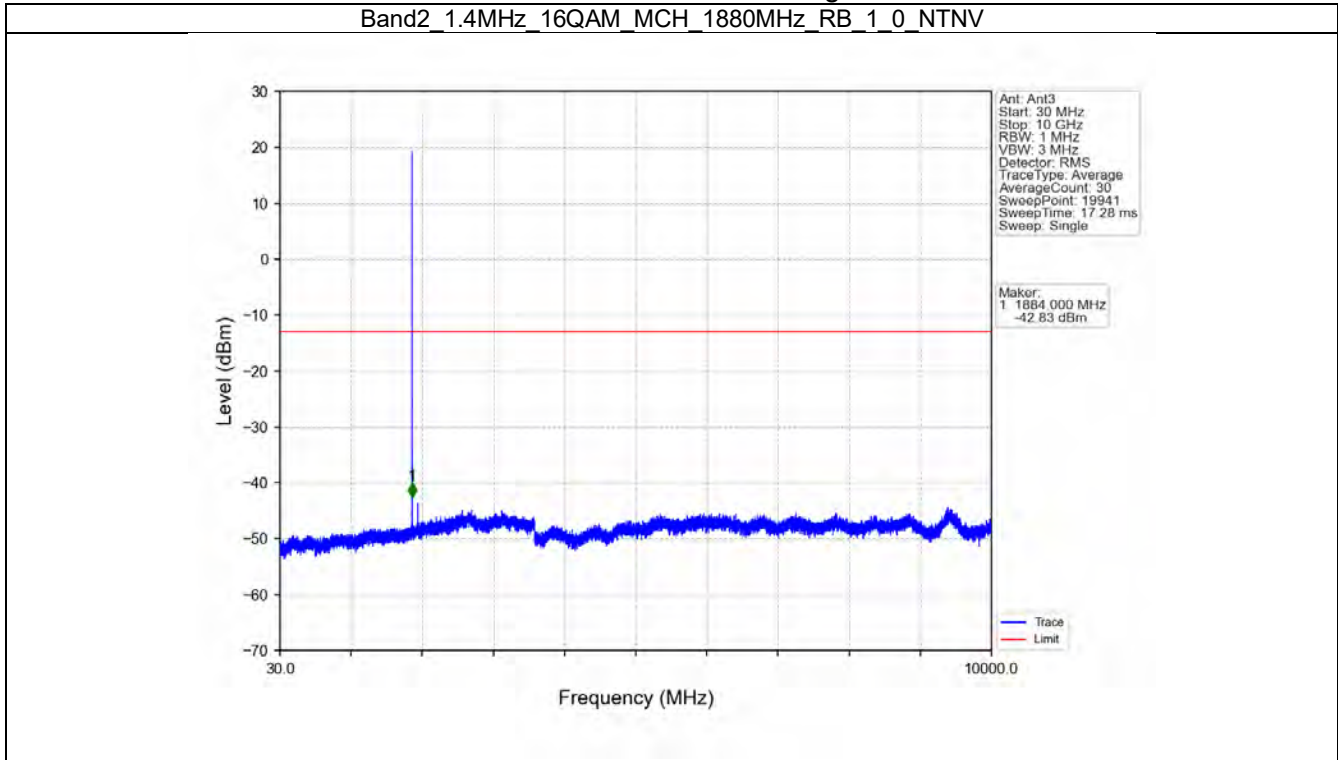


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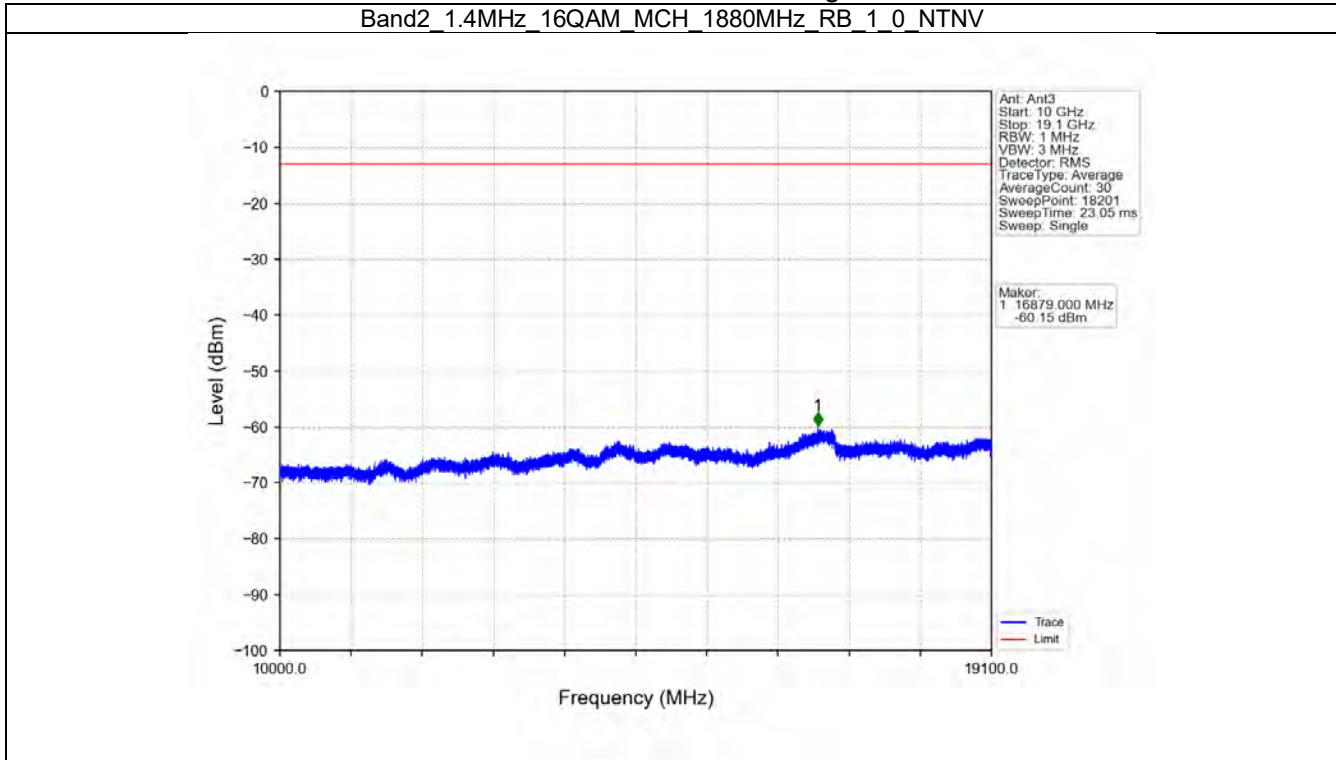
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



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Band2_1.4MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV

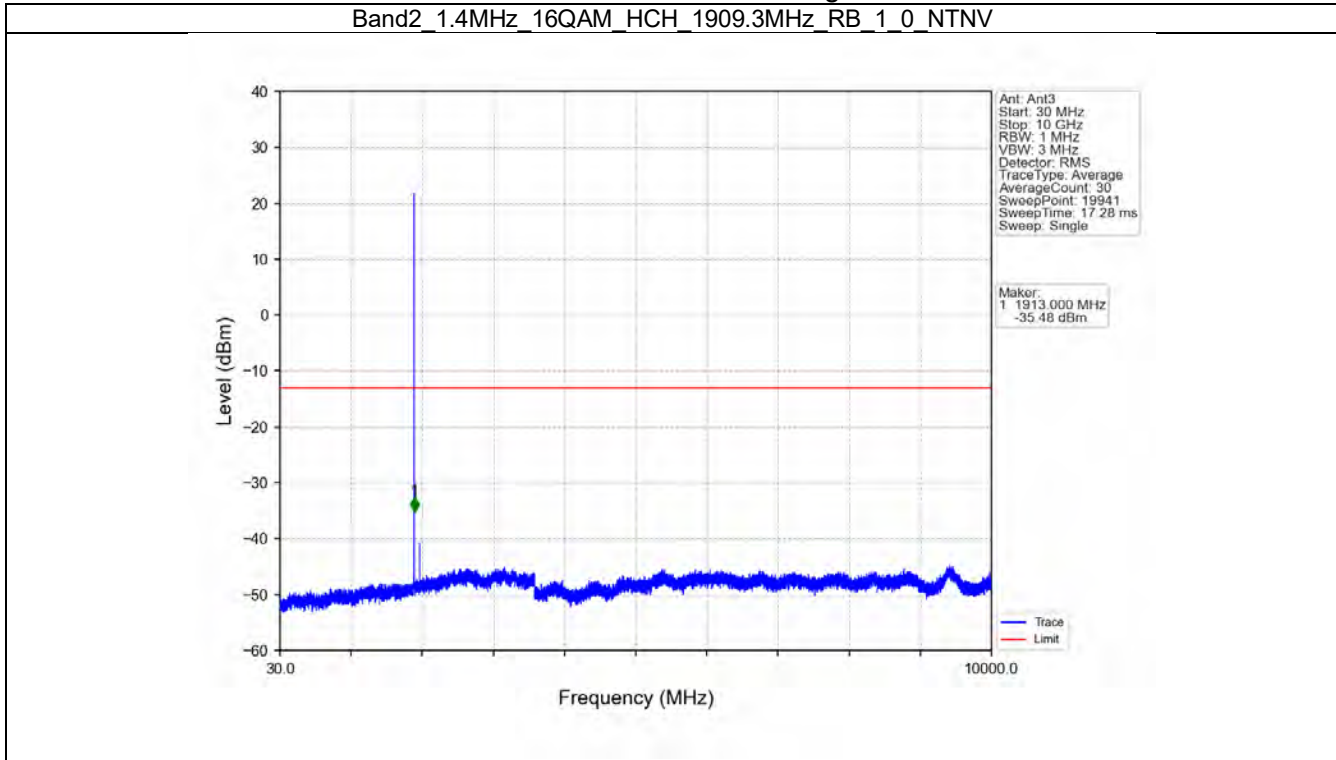


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Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_1_0_NTNV



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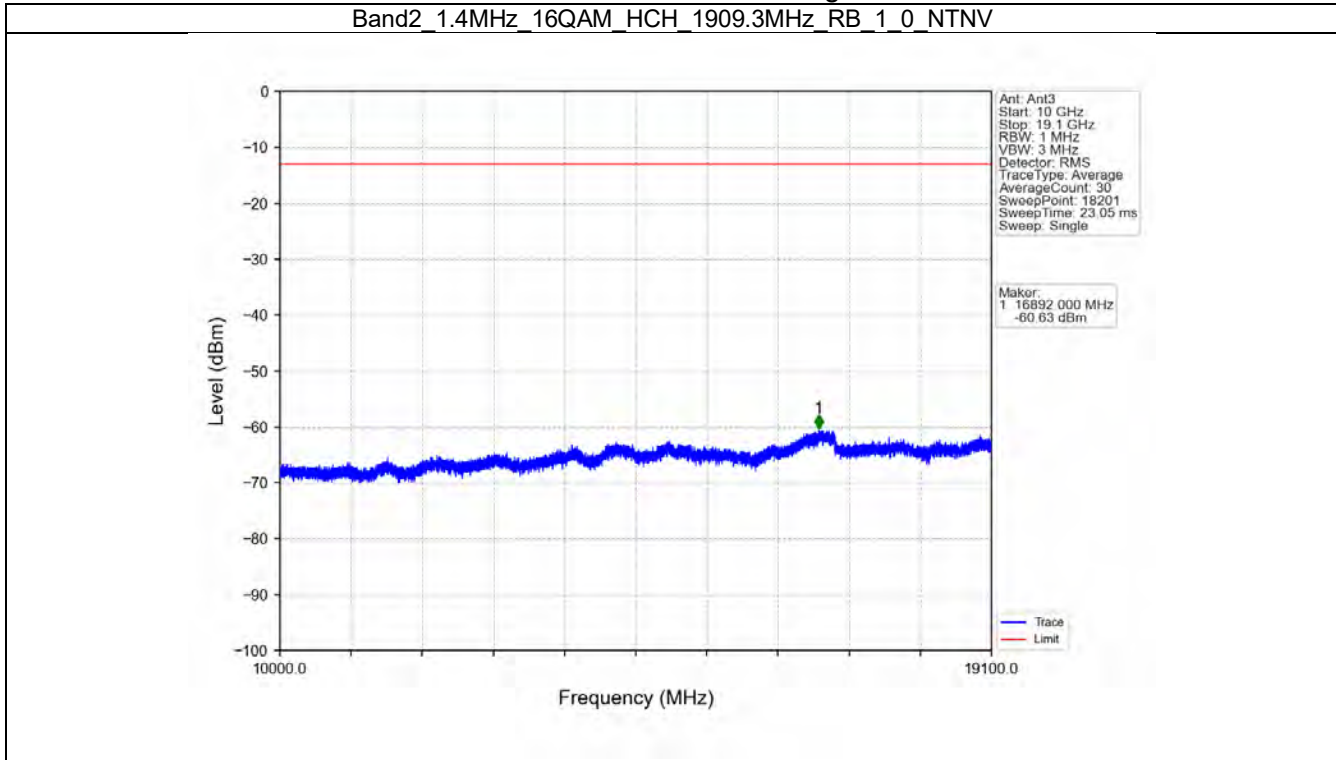
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Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_1_0_NTNV



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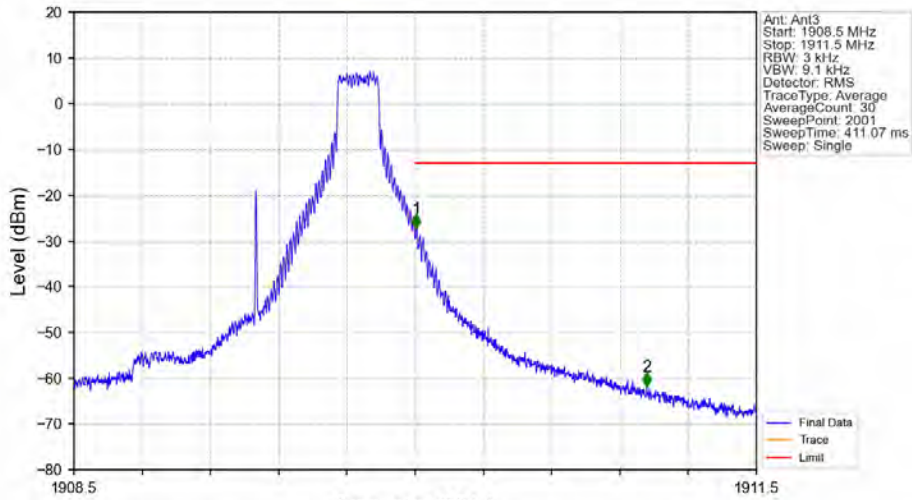
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Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_1_5_NTNV



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	1910.005	-27.34	-13	Pass
1911	1911.5	1	/	2	1911.018	-61.89	-13	Pass

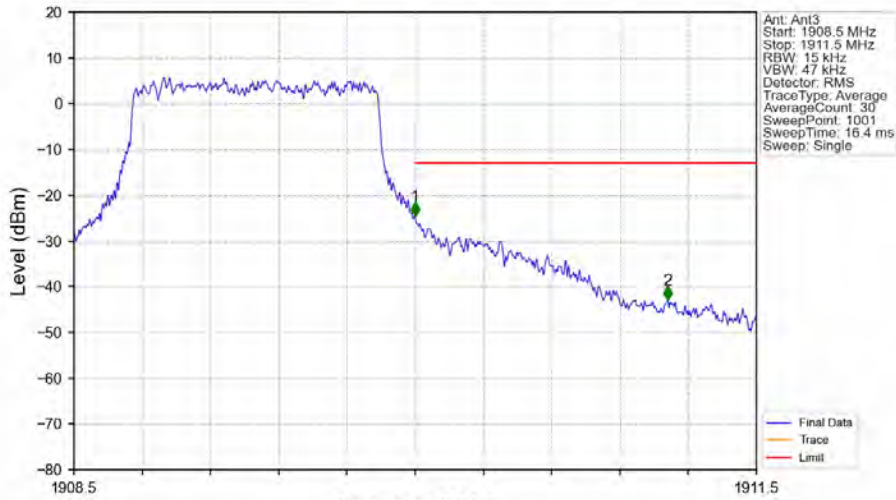


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Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.015	/	/	/	/	/	/
1910	1911	0.015	/	1	1910.000	-24.68	-13	Pass
1911	1911.5	1	/	2	1911.110	-42.94	-13	Pass



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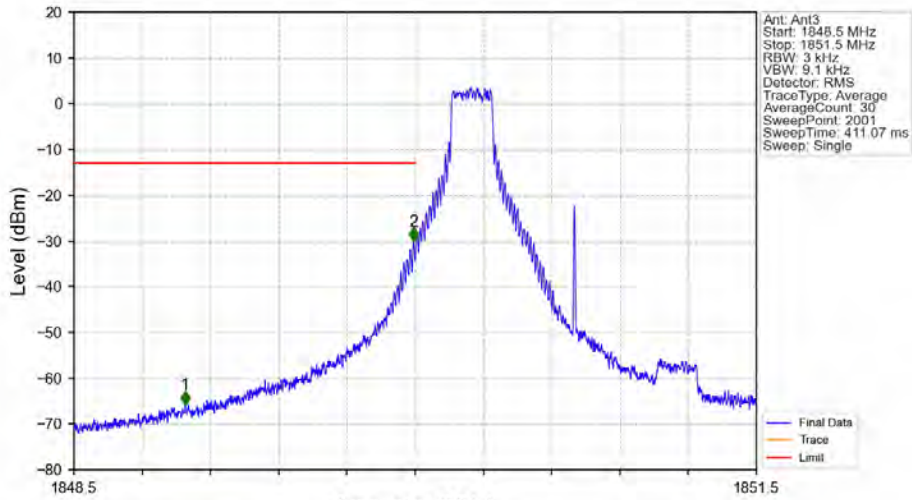
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Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.989	-65.80	-13	Pass
1849	1850	0.003	/	2	1849.993	-30.05	-13	Pass
1850	1851.5	0.003	/	/	/	/	/	/



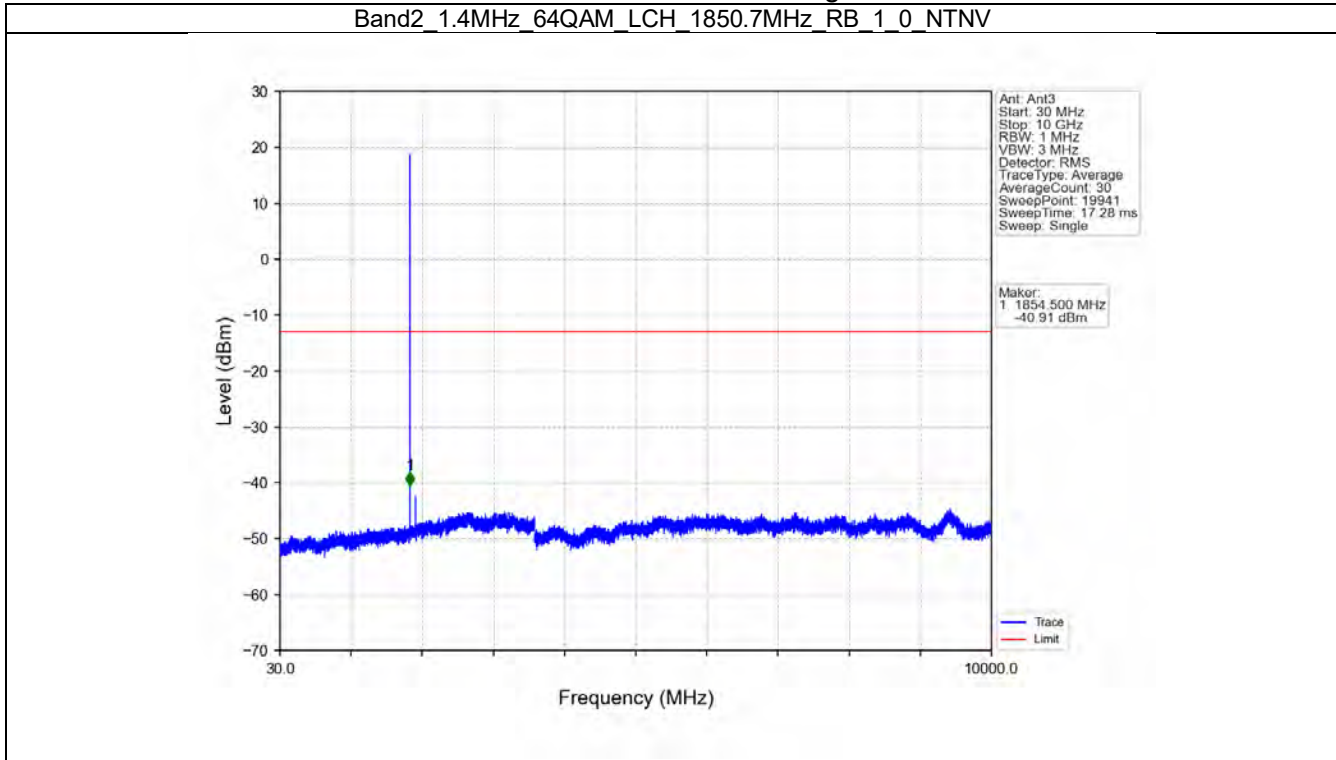
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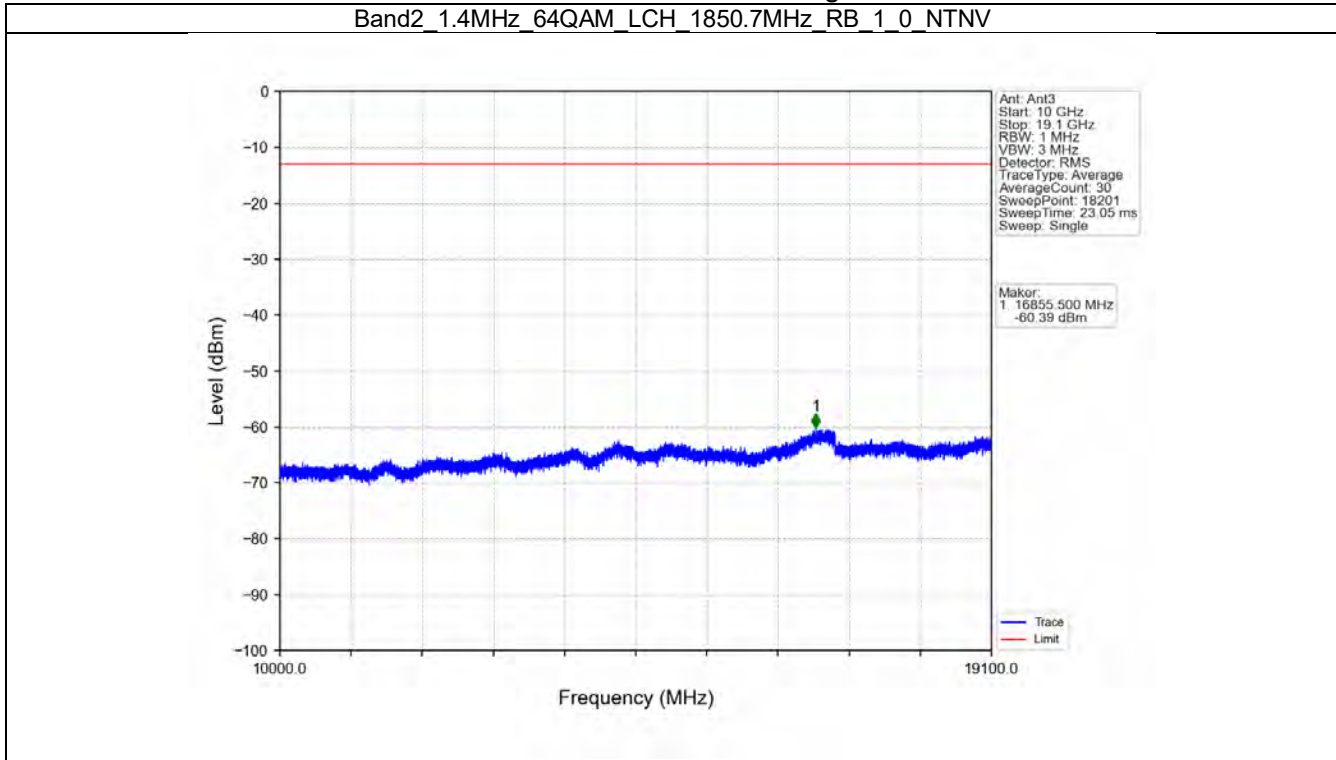


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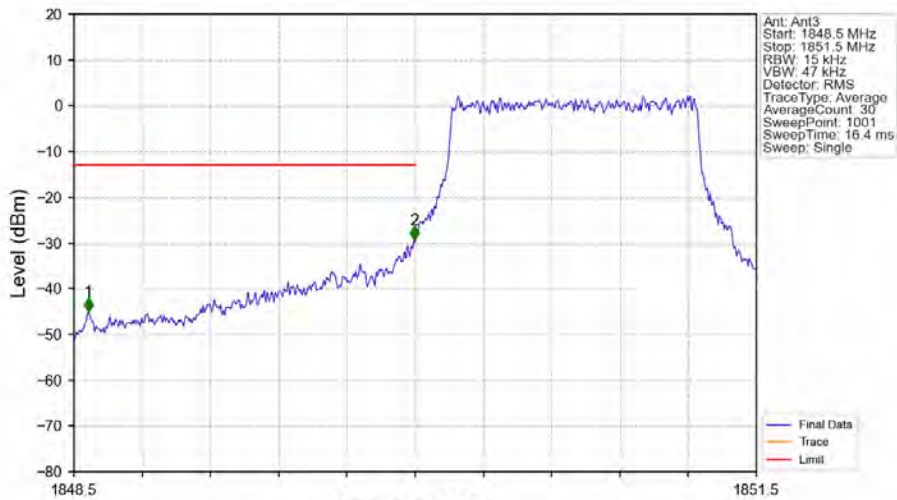


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Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.563	-45.07	-13	Pass
1849	1850	0.015	/	2	1849.997	-29.42	-13	Pass
1850	1851.5	0.015	/	/	/	/	/	/

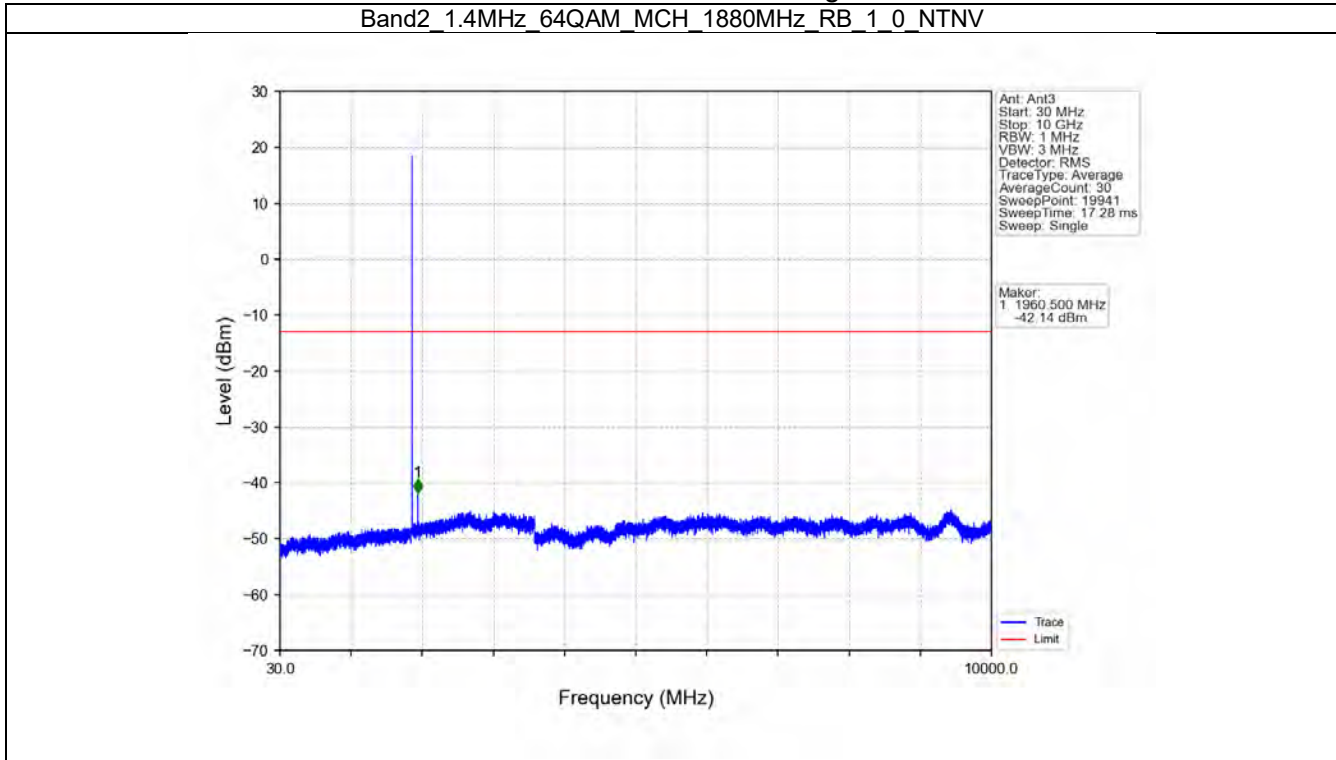


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Band2_1.4MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV

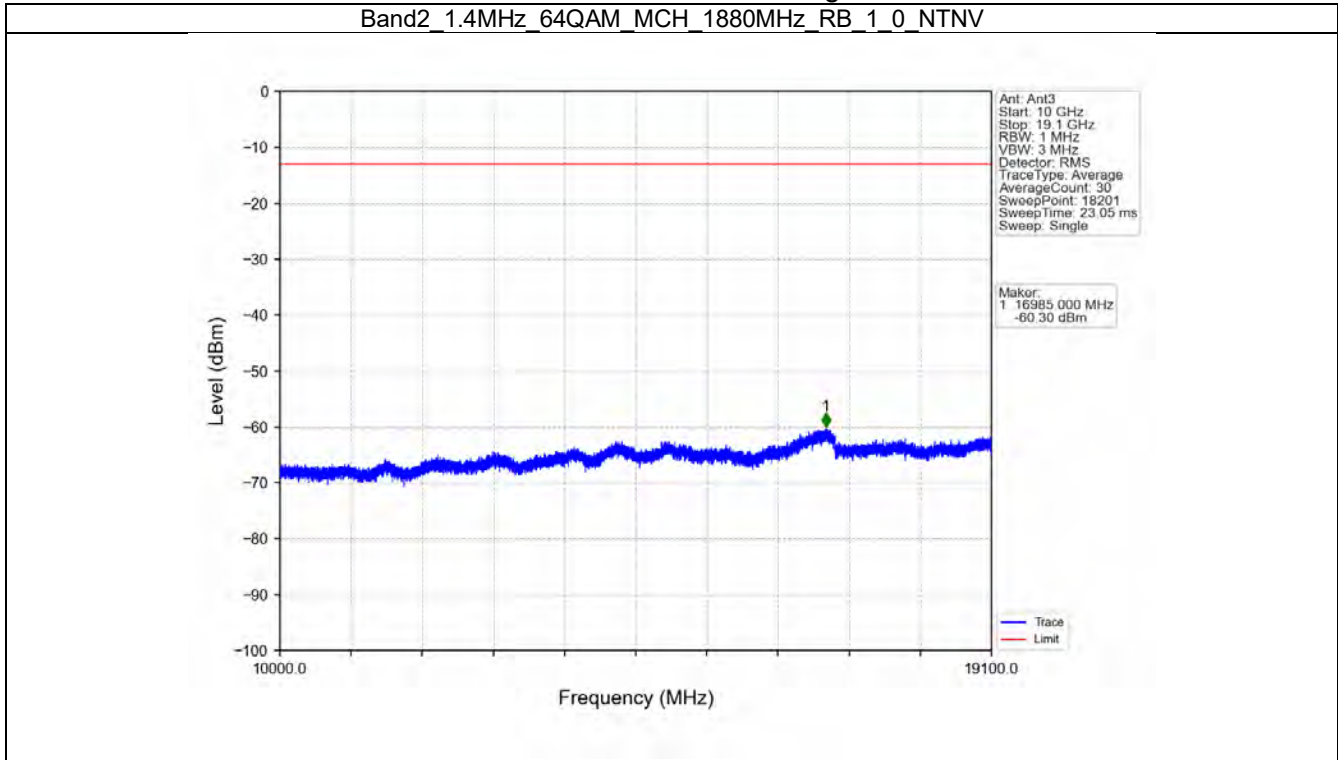


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Band2_1.4MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV

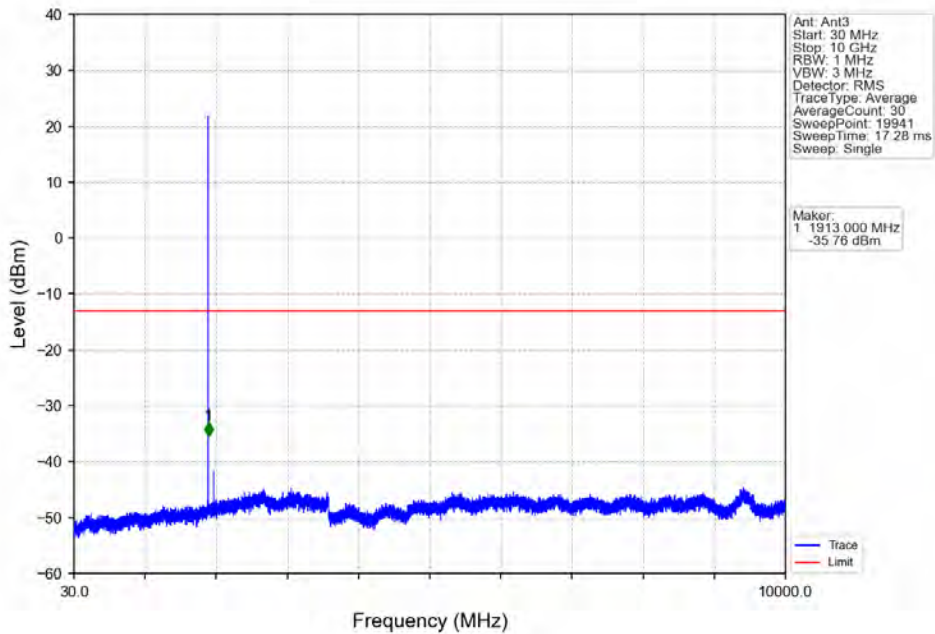


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Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_1_0_NTNV



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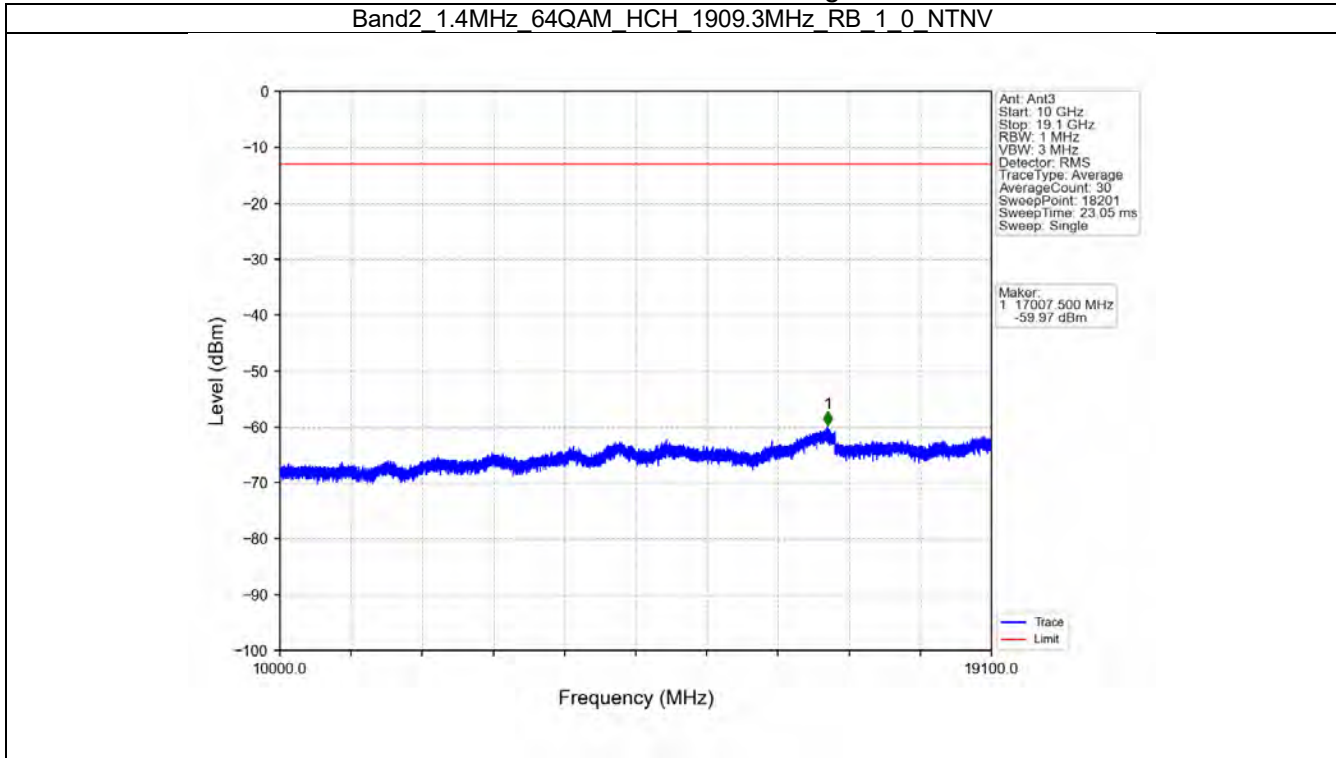
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Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_1_0_NTNV



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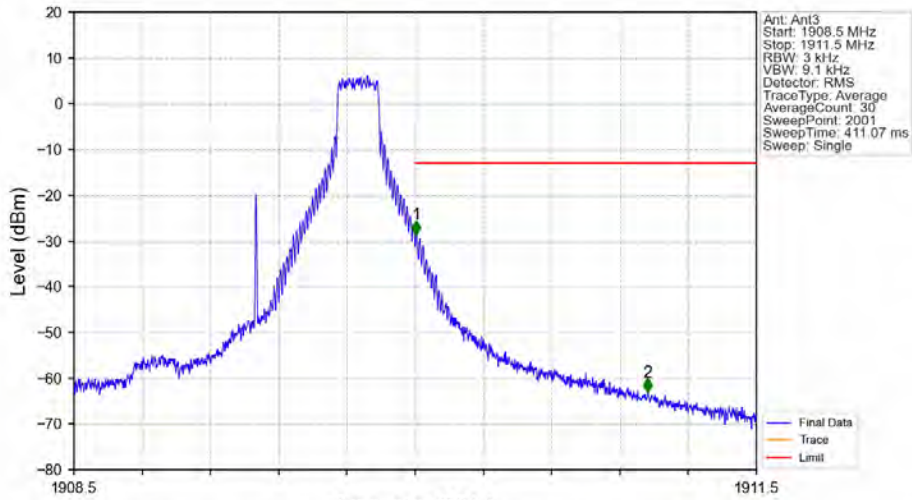
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Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.005	-28.61	-13	Pass
1911	1911.5	1	/	2	1911.023	-63.09	-13	Pass



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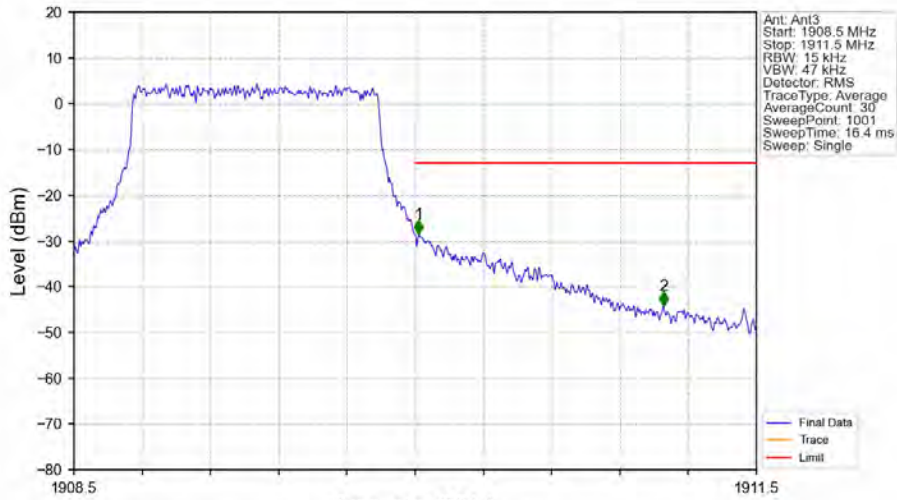
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Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.015	/	/	/	/	/	/
1910	1911	0.015	/	1	1910.015	-28.52	-13	Pass
1911	1911.5	1	/	2	1911.092	-44.21	-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
	1908.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1851.5	1	0	Refer To Test Graph		Pass
		15	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
			0	Refer To Test Graph		Pass
64QAM	1851.5	1	0	Refer To Test Graph		Pass
		15	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
			0	Refer To Test Graph		Pass

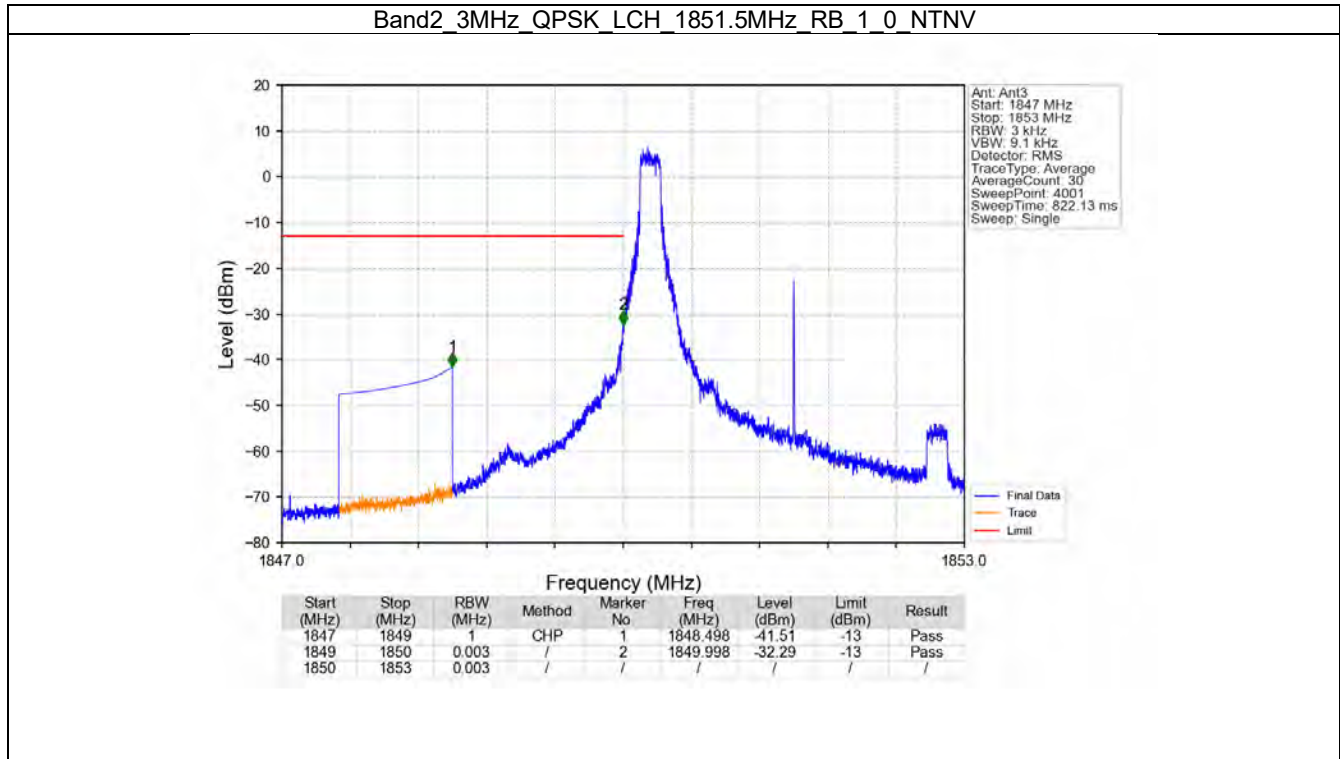


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5.2.2 Test Graph

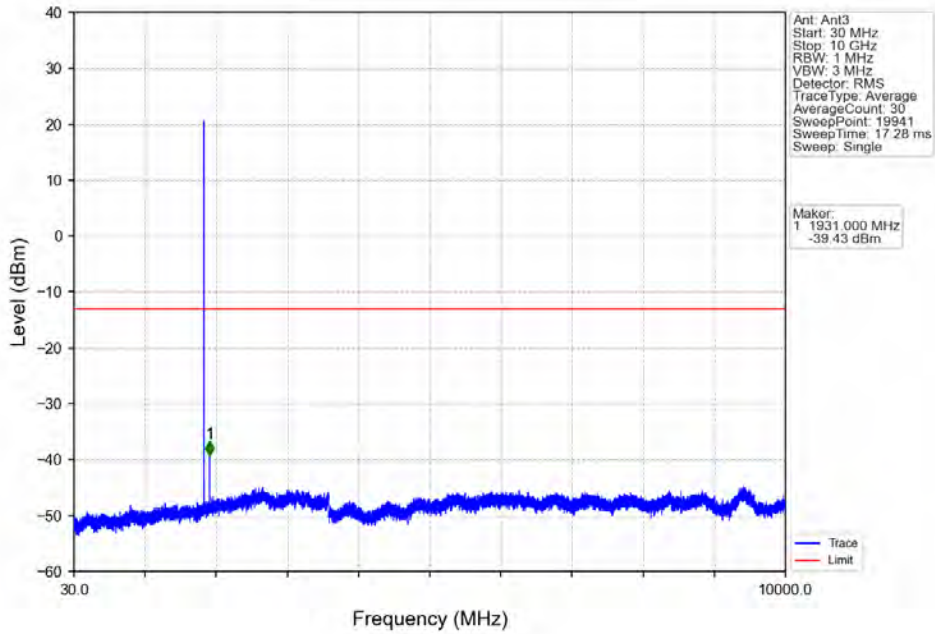


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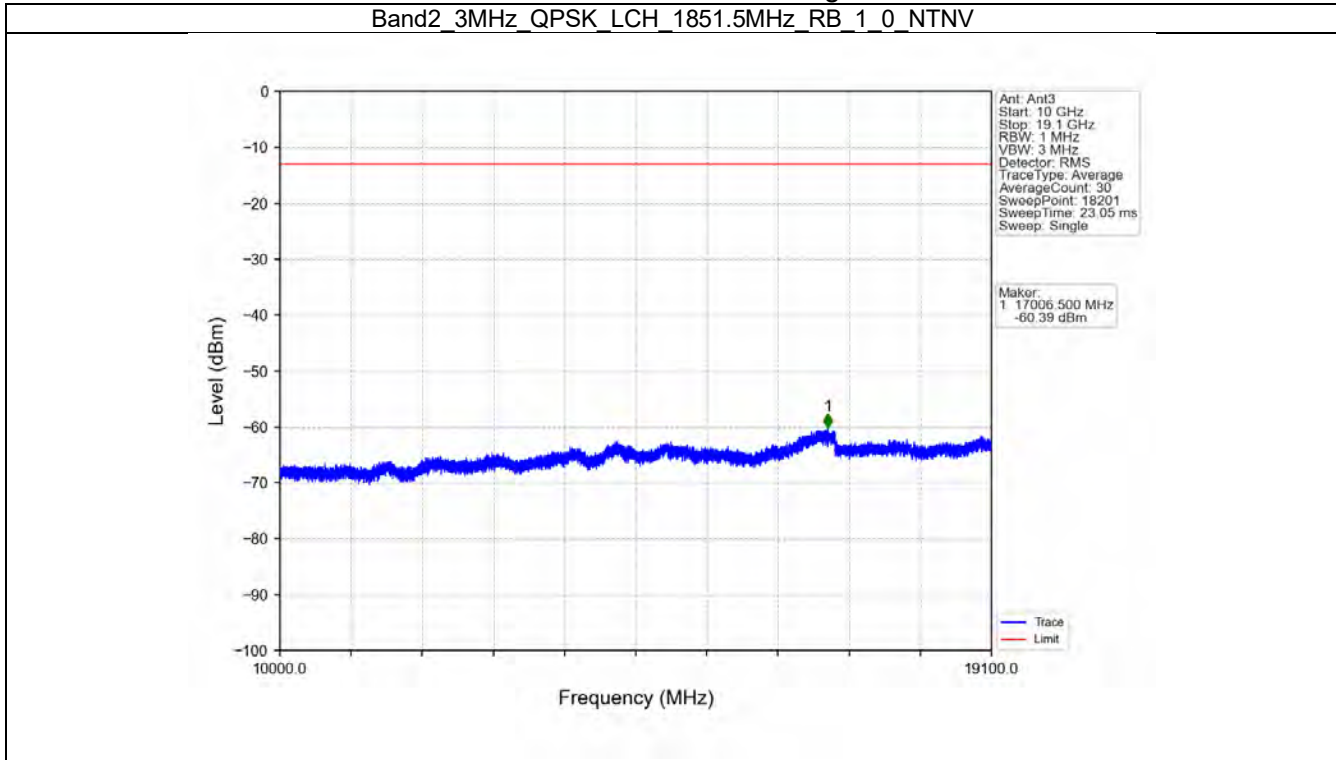


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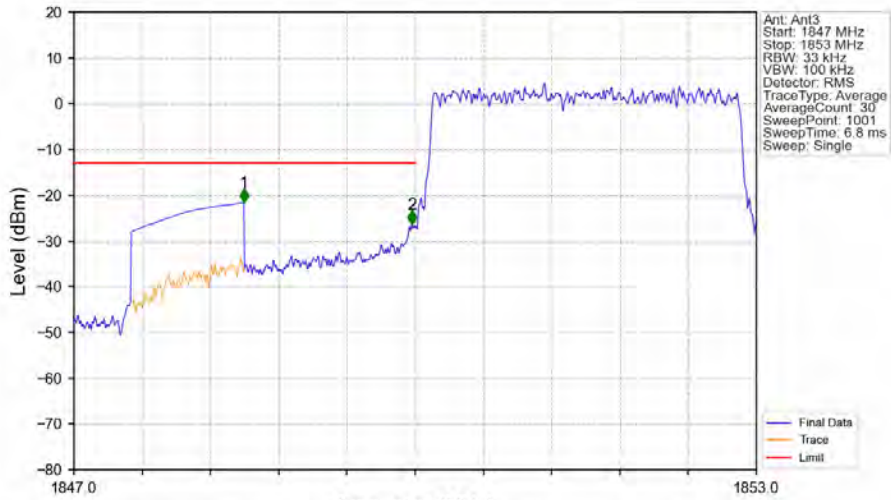
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Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-21.62	-13	Pass
1849	1850	0.033	/	2	1849.970	-26.46	-13	Pass
1850	1853	0.033	/	/	/	/	/	/



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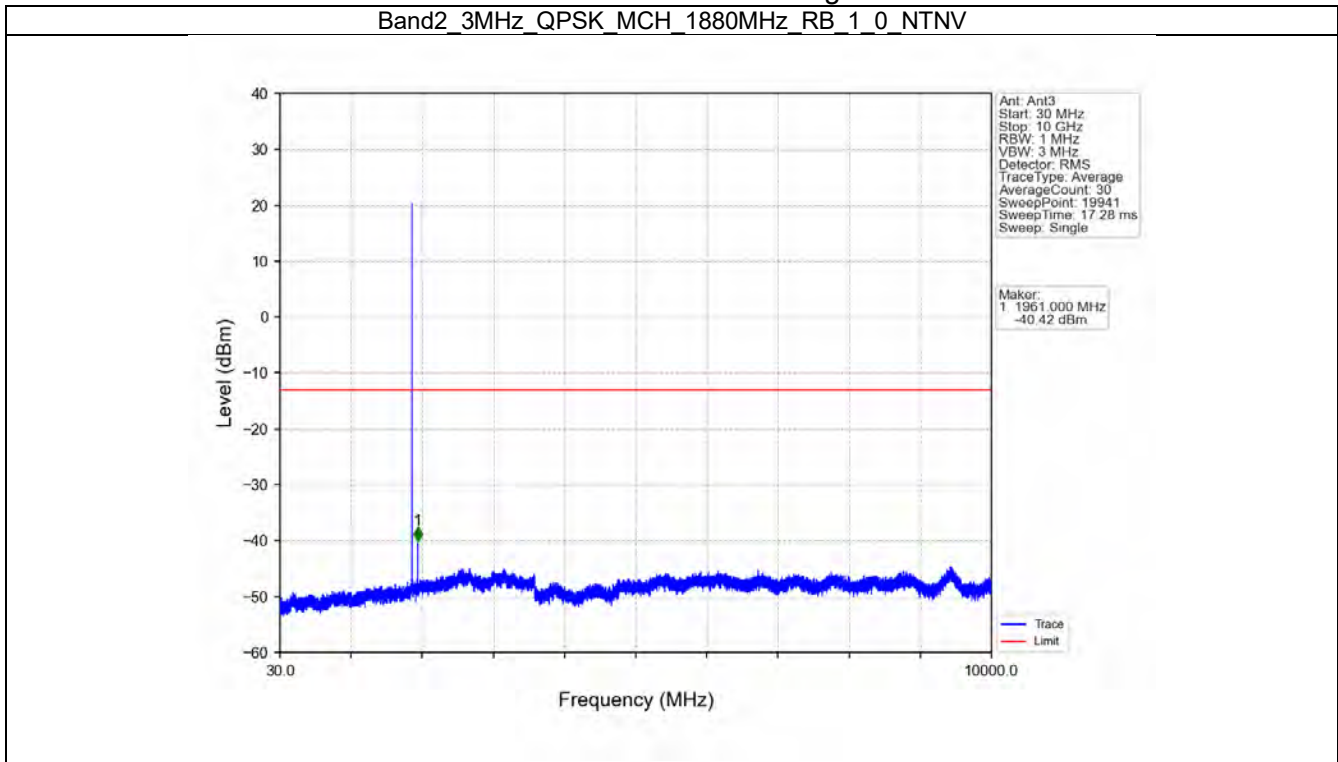
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Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



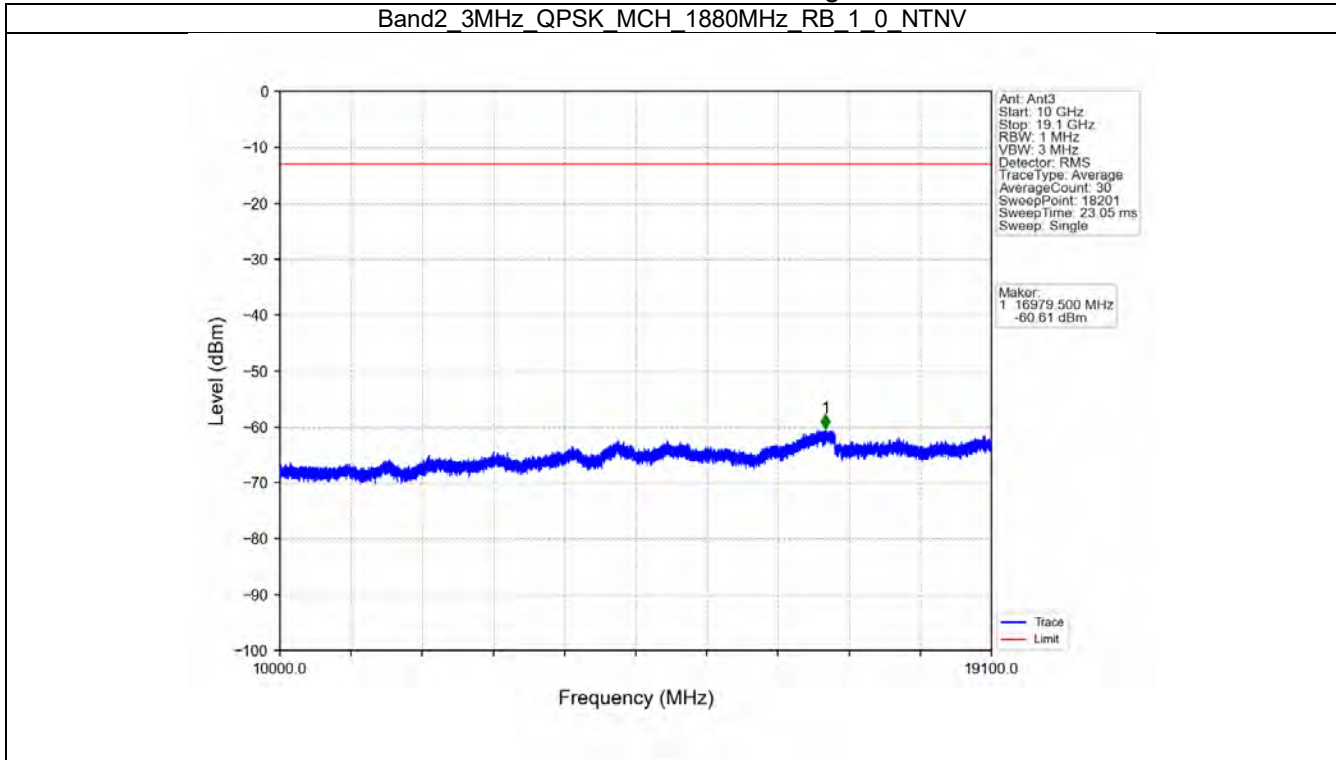
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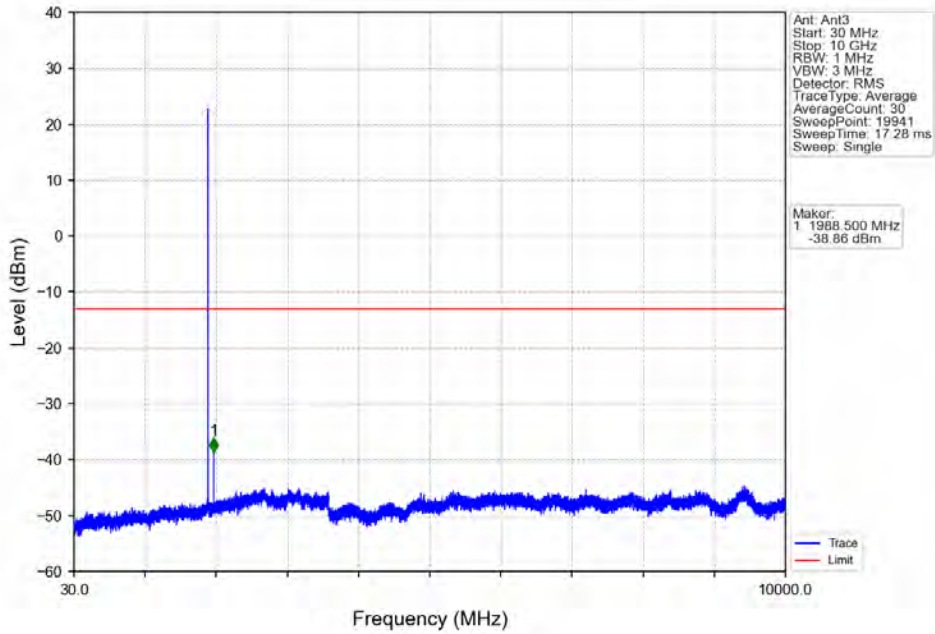


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Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV

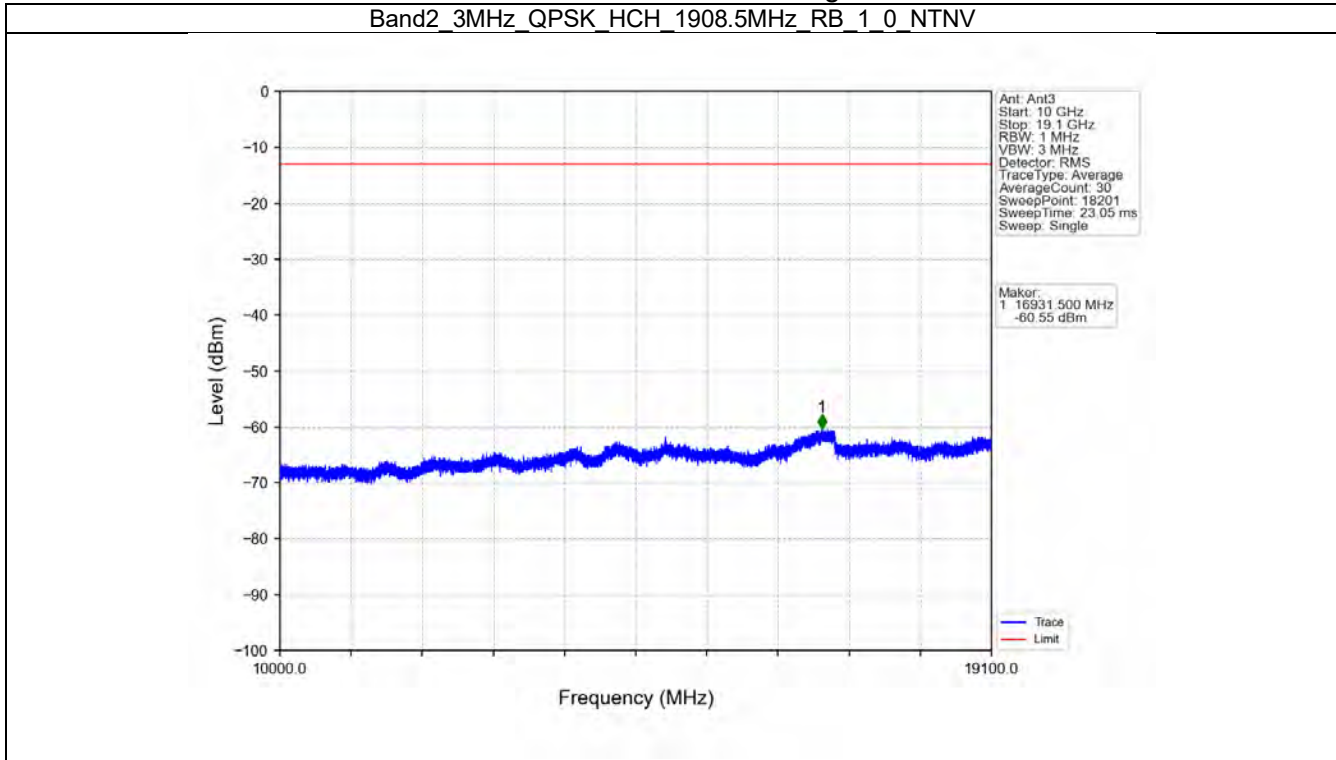


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Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV



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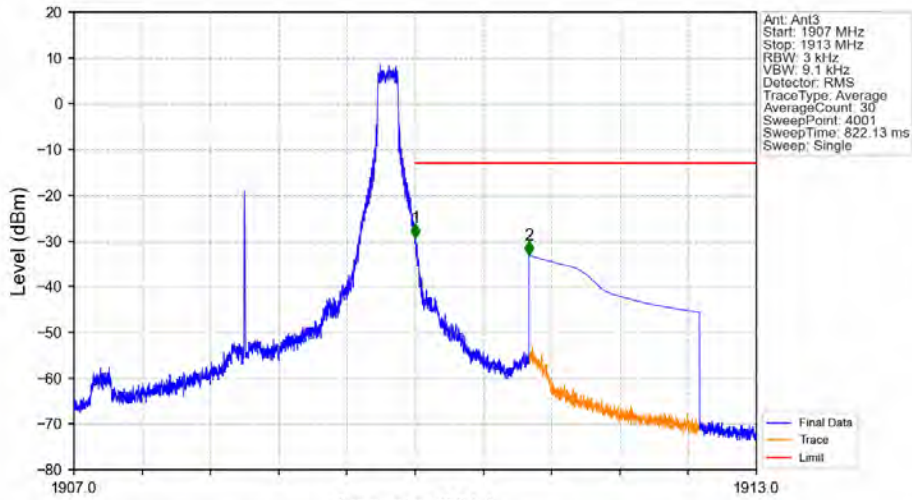
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Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	1	1910.002	-29.29	-13	Pass
1910	1911	0.003	/	1	1910.002	-29.29	-13	Pass
1911	1913	1	CHP	2	1911.001	-33.09	-13	Pass

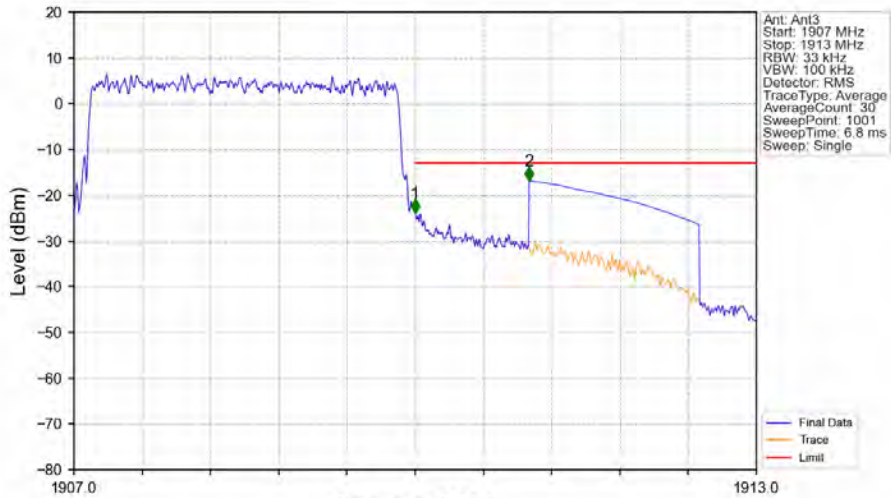


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Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.033	/	1	1910.000	-23.96	-13	Pass
1910	1911	0.033	/	1	1910.000	-23.96	-13	Pass
1911	1913	1	CHP	2	1911.002	-16.87	-13	Pass



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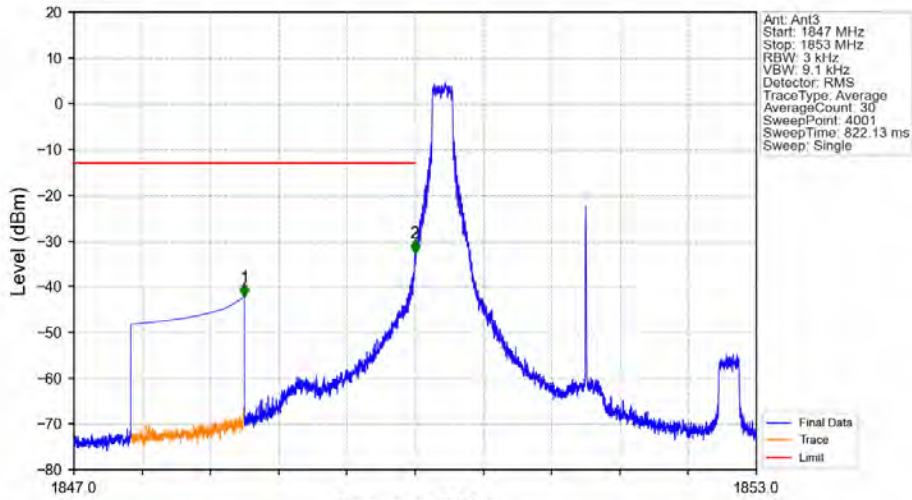
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Band2_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.498	-42.21	-13	Pass
1849	1850	0.003	/	2	1849.997	-32.68	-13	Pass
1850	1853	0.003	/	/	/	/	/	/



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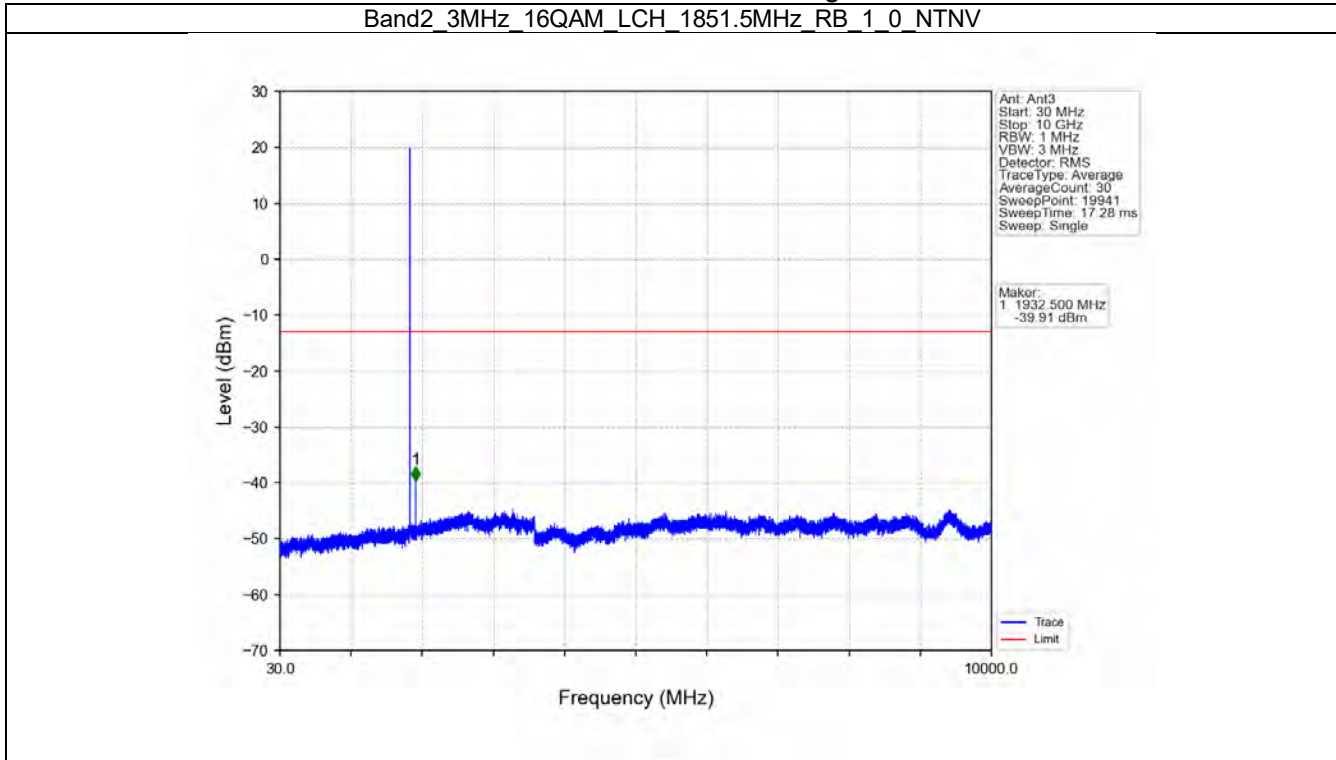
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Band2_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



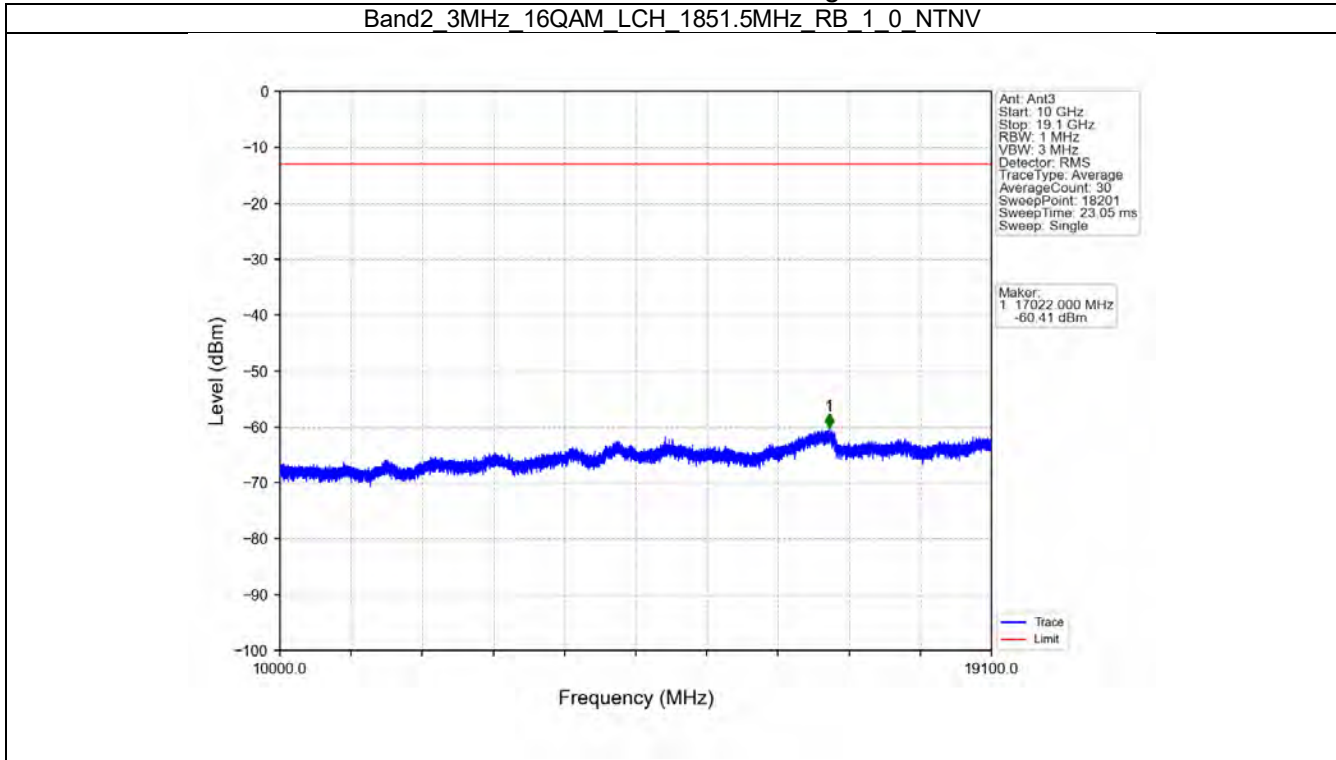
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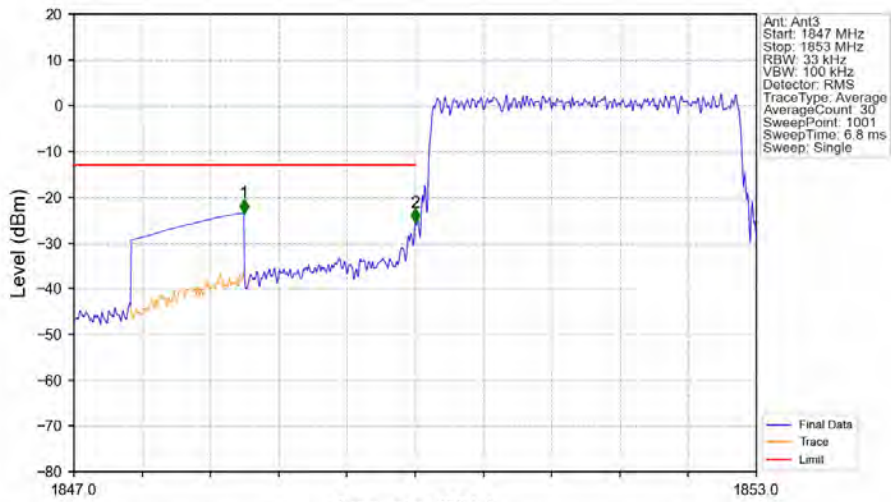
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Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-23.48	-13	Pass
1849	1850	0.033	/	2	1850.000	-25.57	-13	Pass
1850	1853	0.033	/	/	/	/	/	/

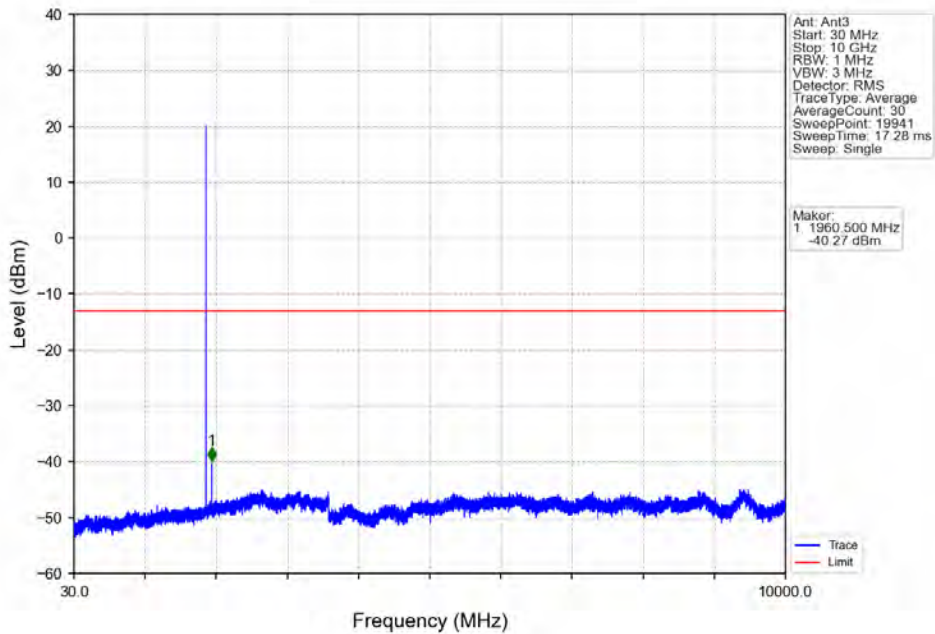


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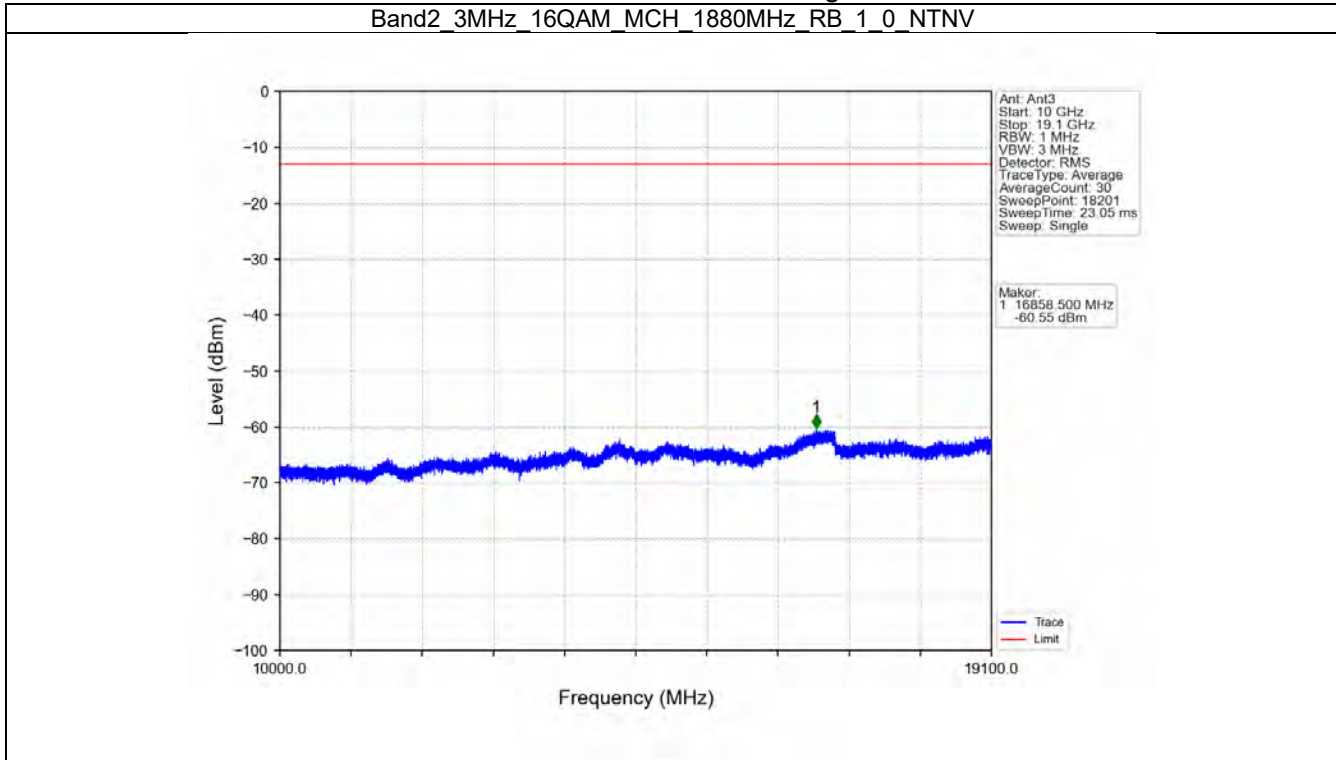


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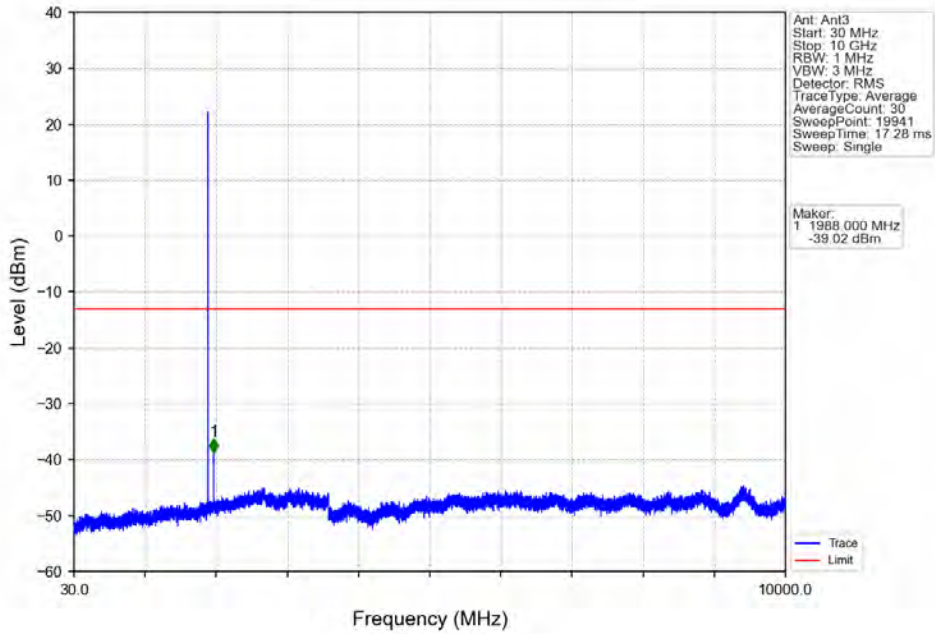


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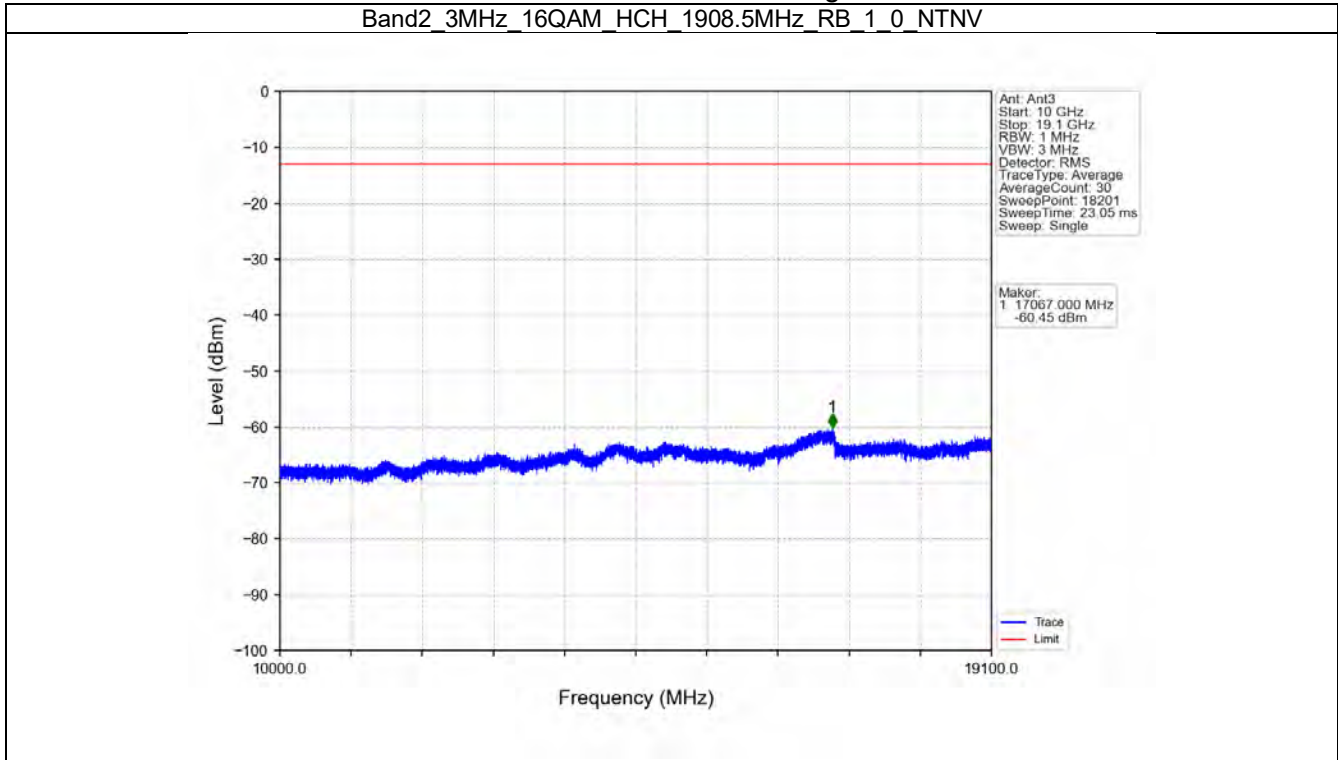


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Band2_3MHz_16QAM_HCH_1908.5MHz_RB_1_0_NTNV



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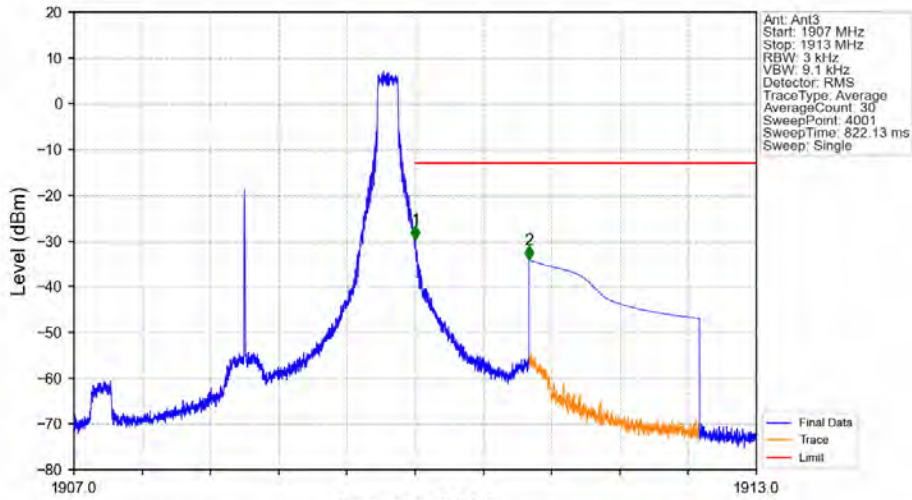
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Band2_3MHz_16QAM_HCH_1908.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	1	1910.002	-29.81	-13	Pass
1910	1911	0.003	/	1	1910.002	-29.81	-13	Pass
1911	1913	1	CHP	2	1911.001	-34.22	-13	Pass



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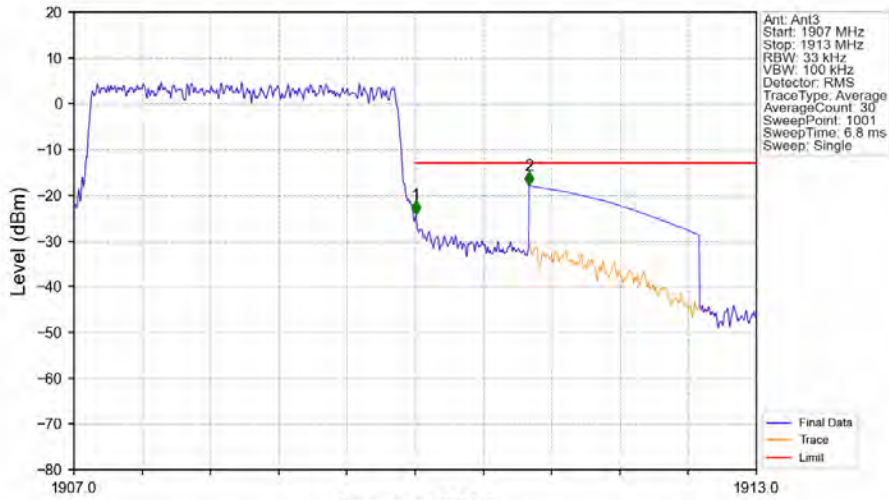
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Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.033	/	1	1910.006	-24.23	-13	Pass
1910	1911	0.033	/	1	1910.006	-24.23	-13	Pass
1911	1913	1	CHP	2	1911.002	-17.98	-13	Pass



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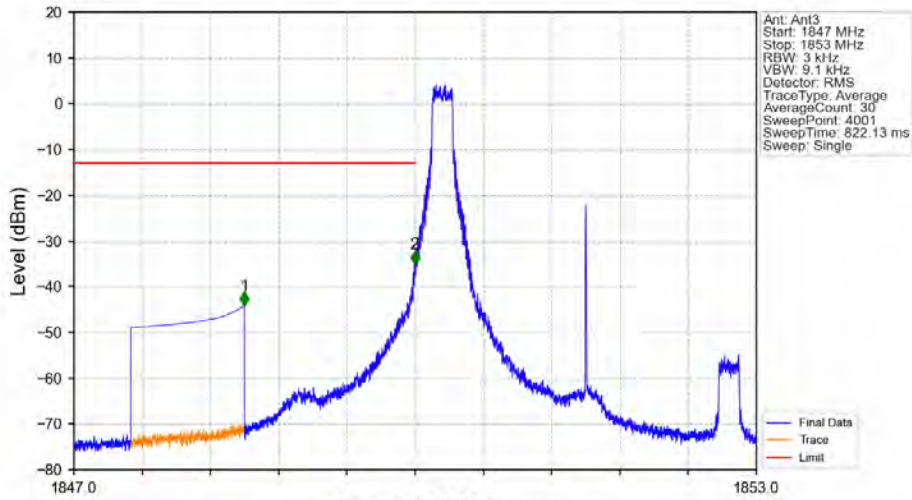
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Band2_3MHz_64QAM_LCH_1851.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.498	-44.19	-13	Pass
1849	1850	0.003	/	2	1849.997	-35.14	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

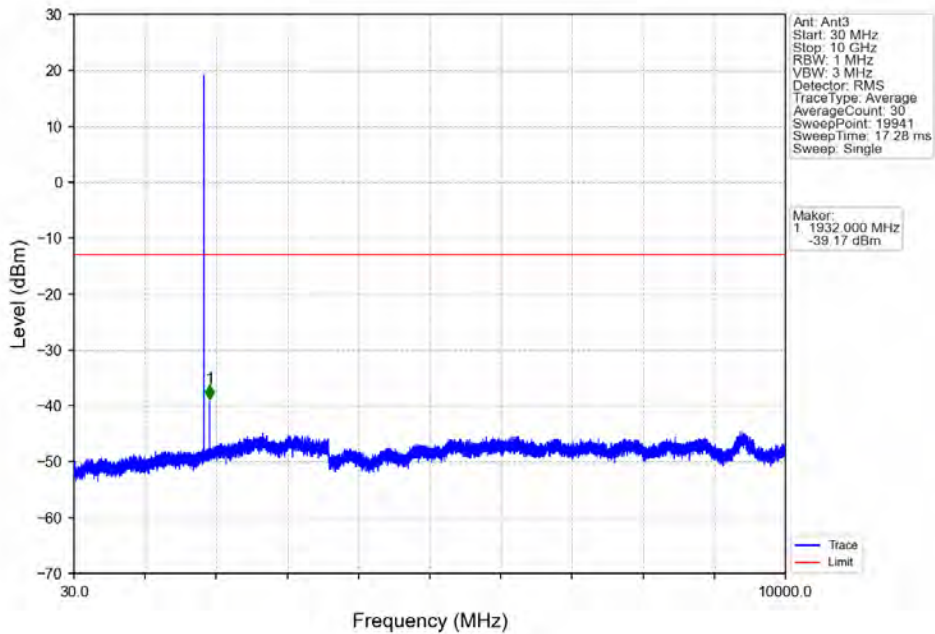


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Band2_3MHz_64QAM_LCH_1851.5MHz_RB_1_0_NTNV

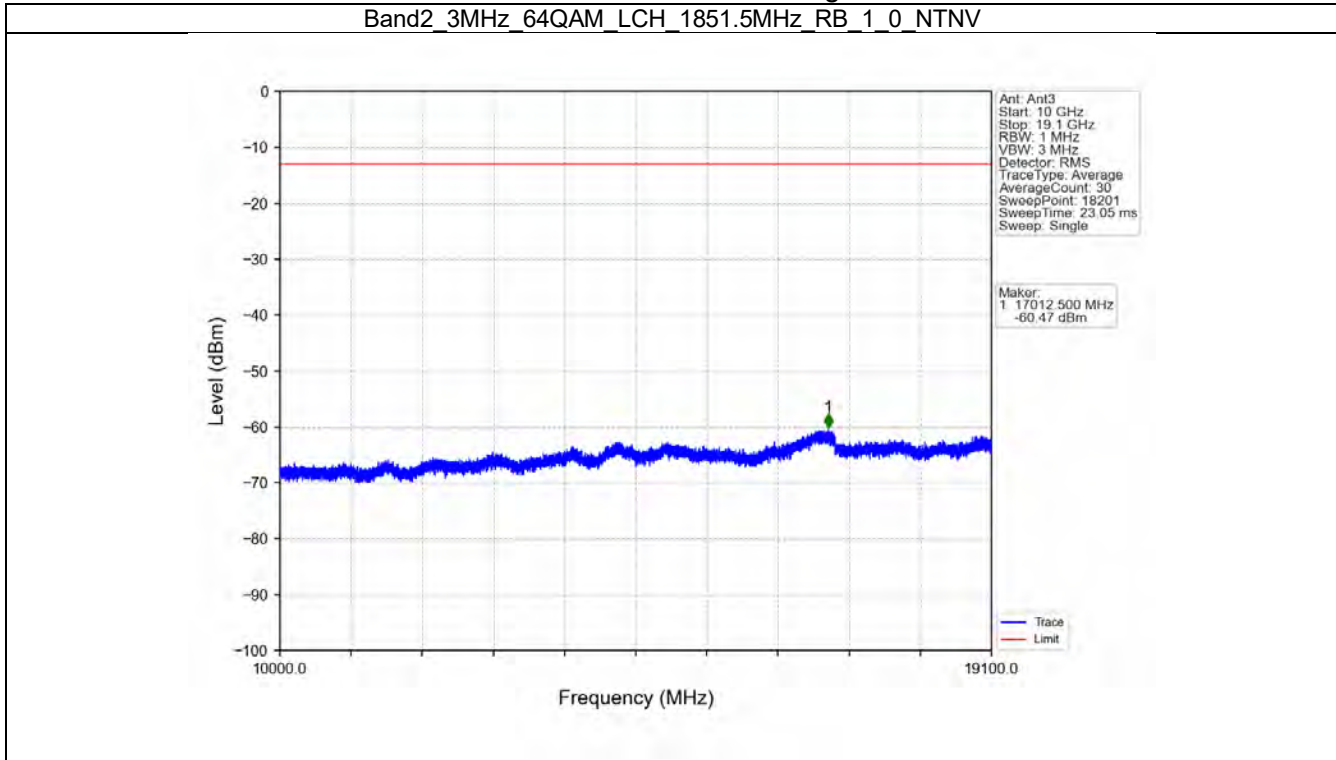


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Band2_3MHz_64QAM_LCH_1851.5MHz_RB_1_0_NTNV



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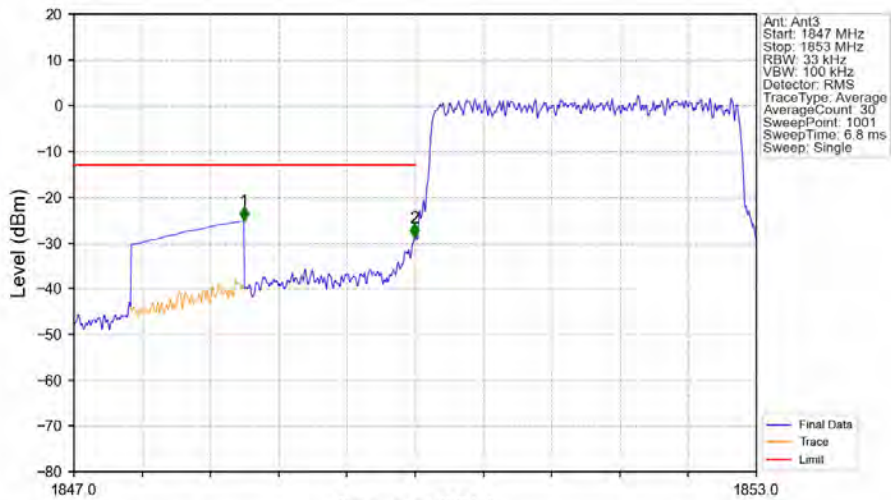
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Band2_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-25.18	-13	Pass
1849	1850	0.033	/	2	1849.994	-28.91	-13	Pass
1850	1853	0.033	/	/	/	/	/	/



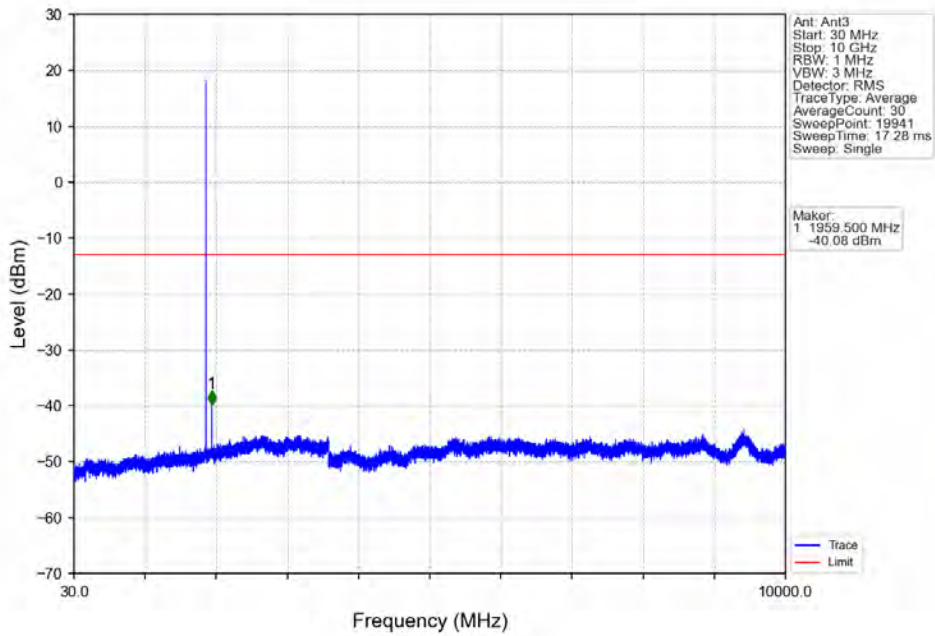
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Band2_3MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



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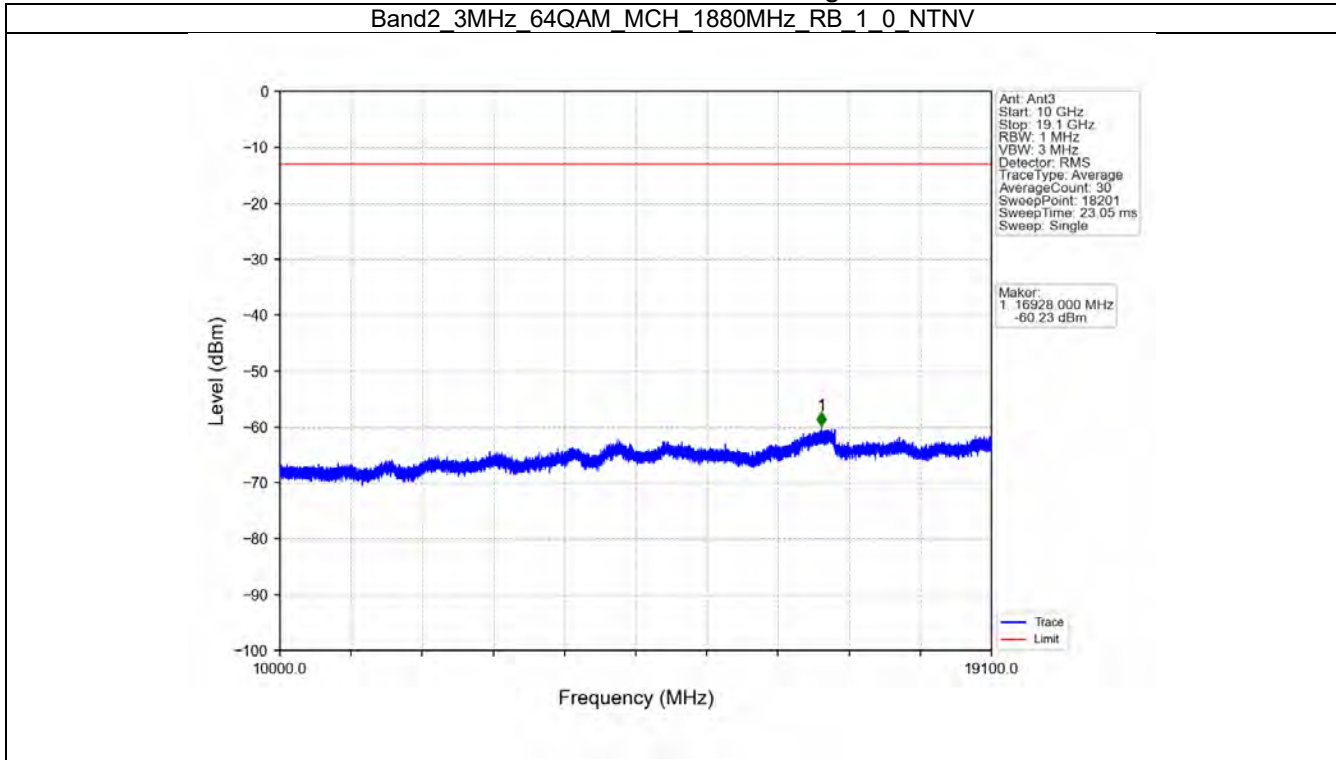
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Band2_3MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



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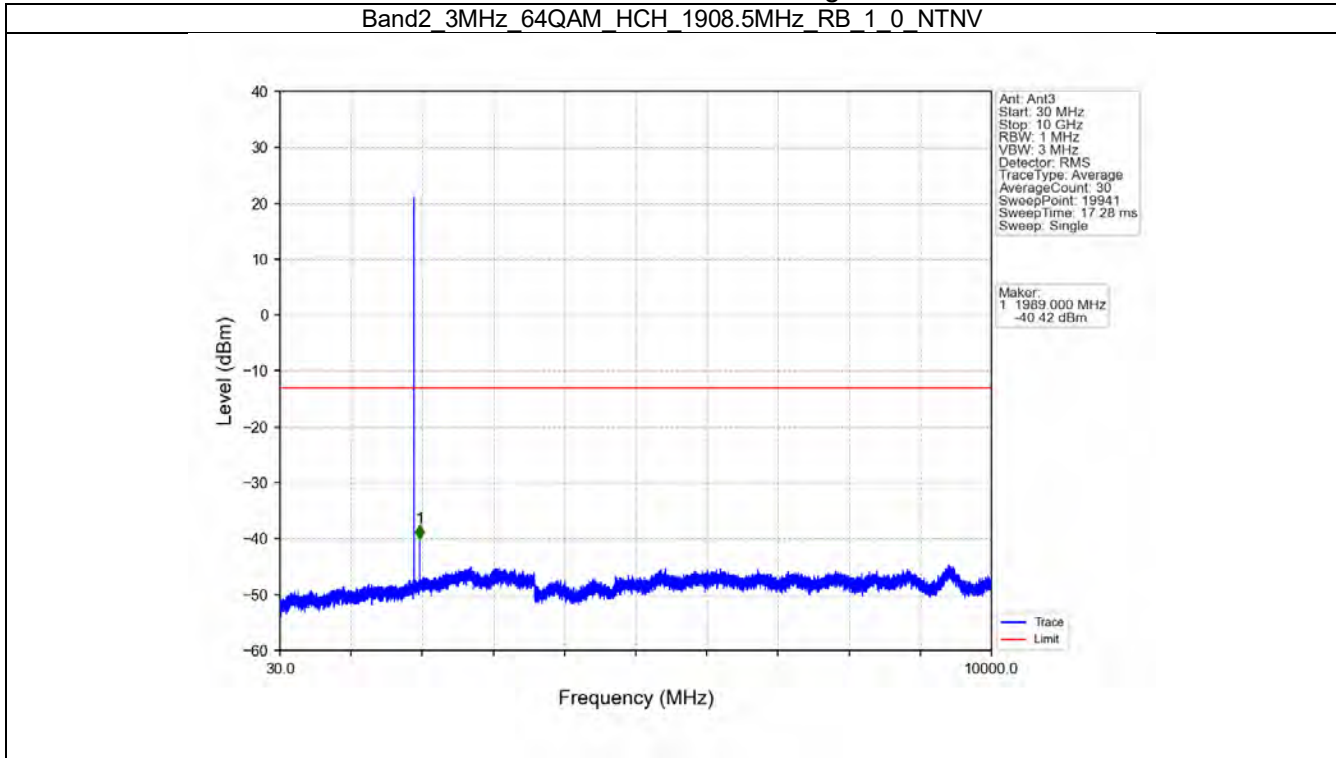
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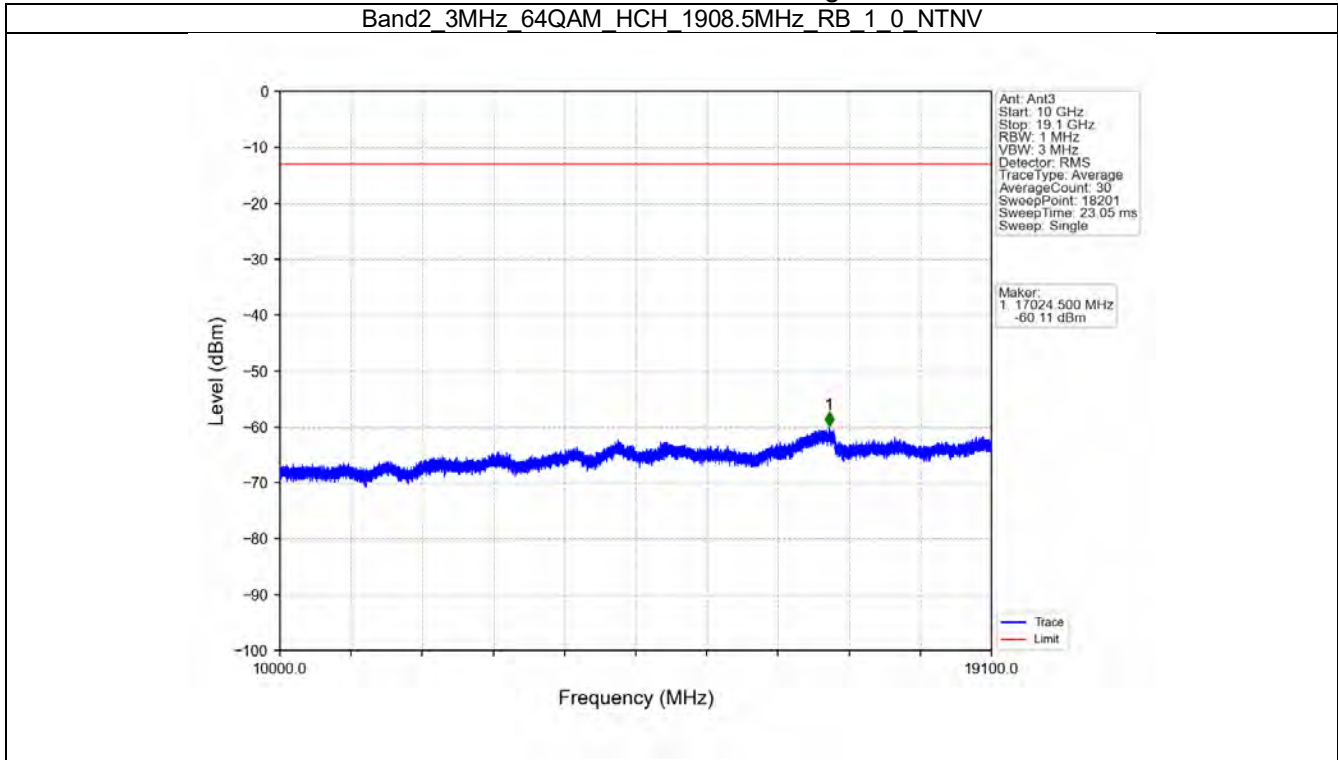
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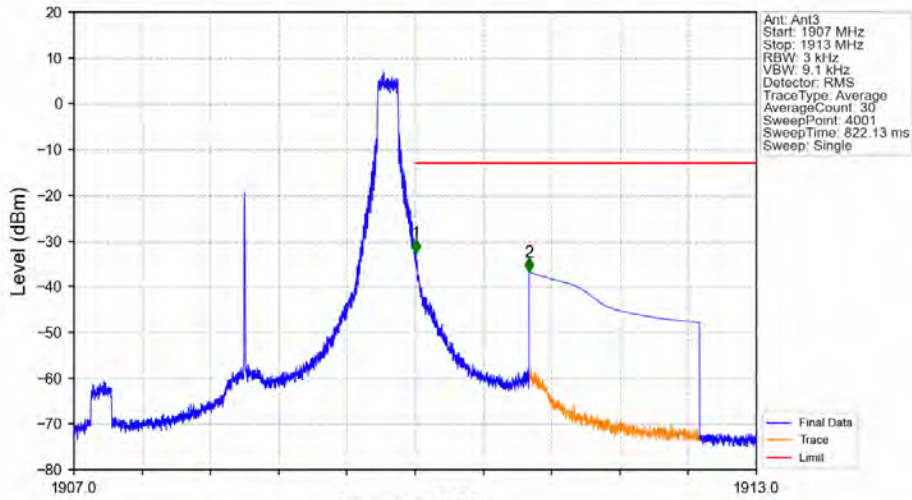
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Band2_3MHz_64QAM_HCH_1908.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	1	1910.006	-32.67	-13	Pass
1910	1911	0.003	/	1	1910.006	-32.67	-13	Pass
1911	1913	1	CHP	2	1911.001	-36.81	-13	Pass



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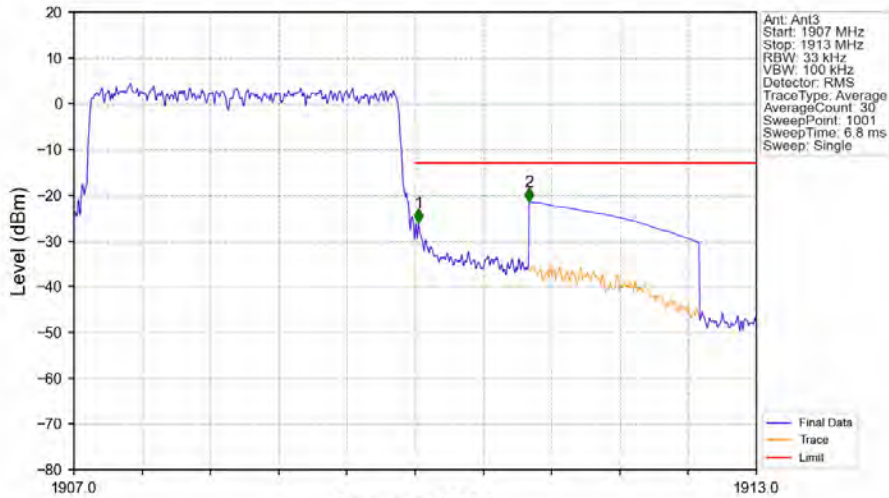
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Band2_3MHz_64QAM_HCH_1908.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.033	/	1	1910.030	-26.06	-13	Pass
1910	1911	0.033	/	1	1910.030	-26.06	-13	Pass
1911	1913	1	CHP	2	1911.002	-21.52	-13	Pass



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5.3 B2_5MHz

5.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTV						
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
	1907.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1852.5	1	0	Refer To Test Graph		Pass
		25	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
			0	Refer To Test Graph		Pass
64QAM	1852.5	1	0	Refer To Test Graph		Pass
		25	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
			0	Refer To Test Graph		Pass

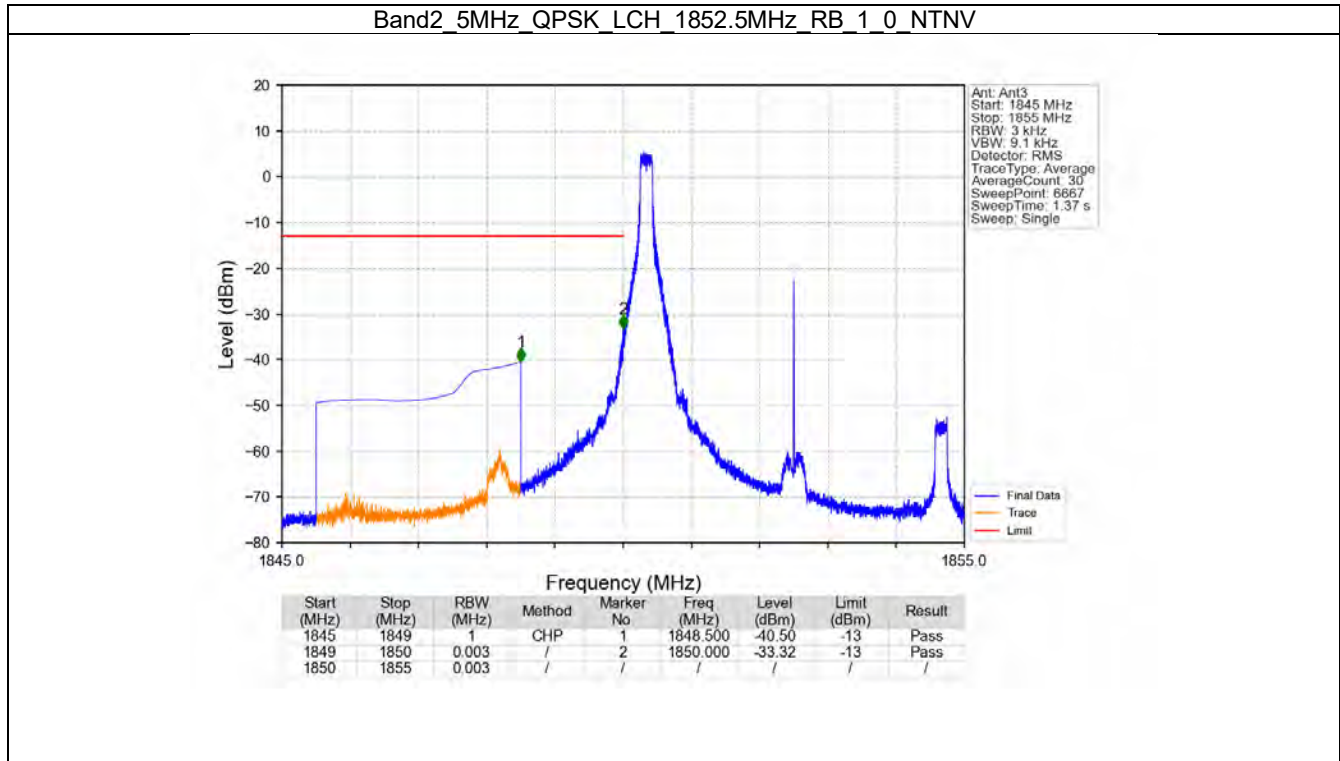


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5.3.2 Test Graph

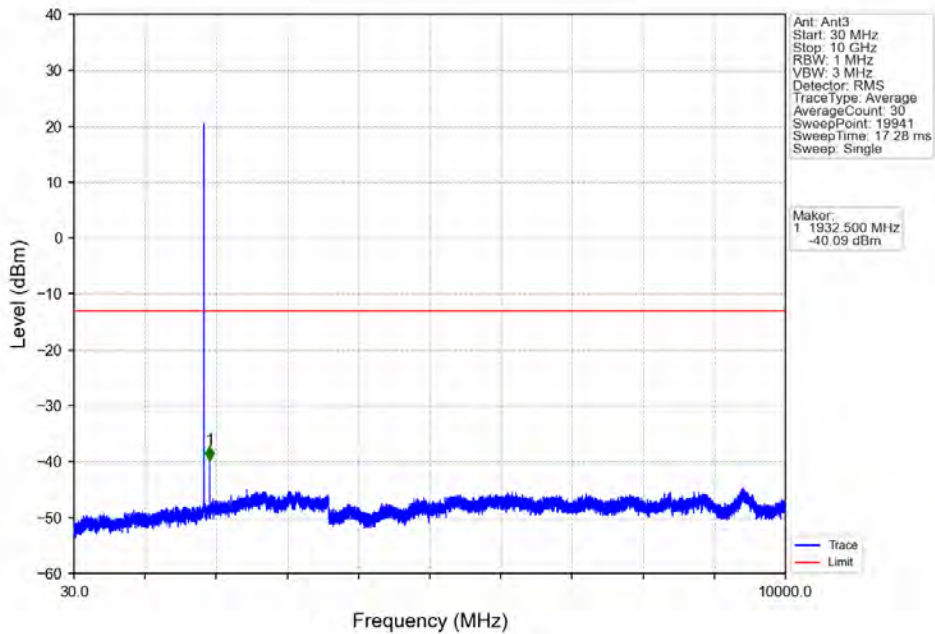


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Band2_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

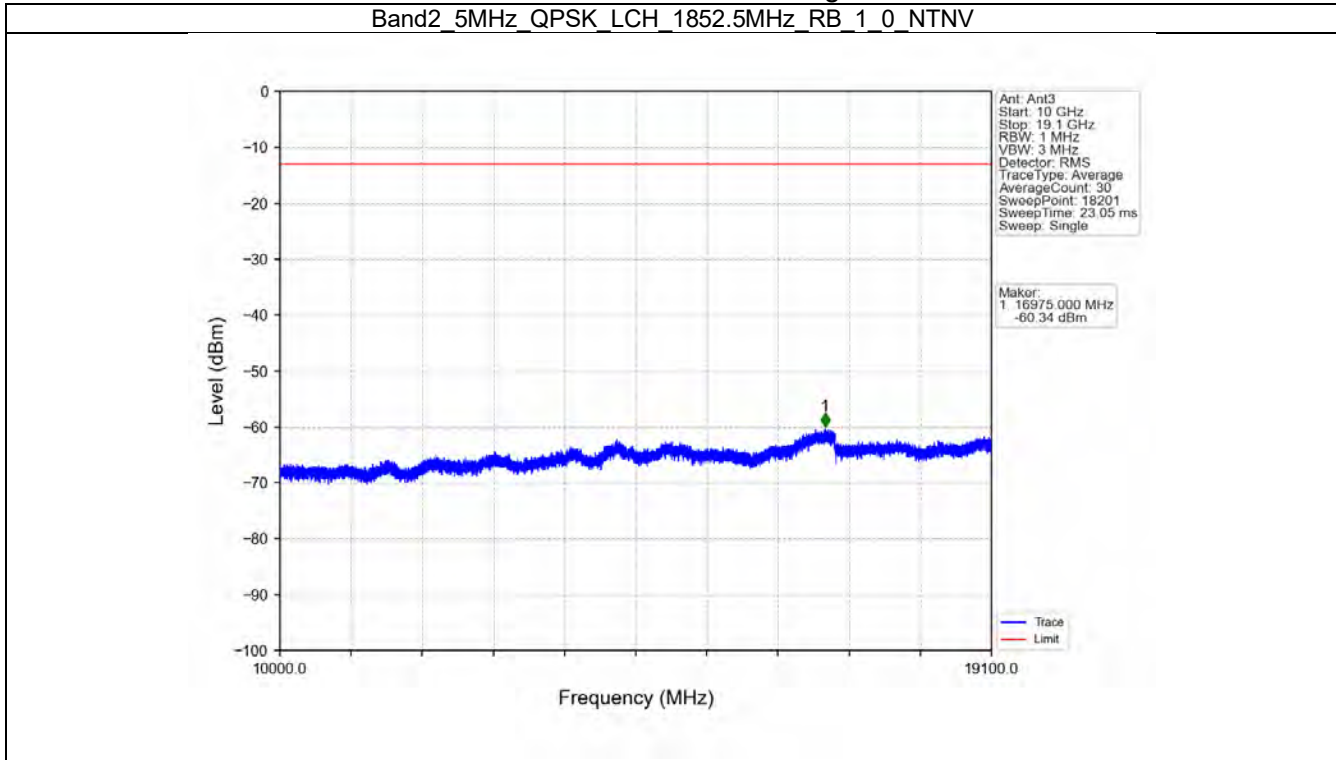


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Band2_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



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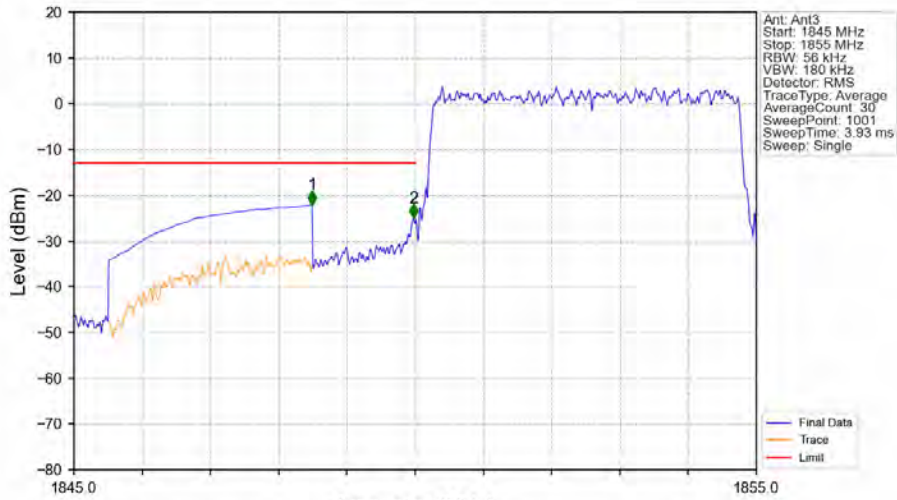
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Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-22.07	-13	Pass
1849	1850	0.056	/	2	1849.980	-25.04	-13	Pass
1850	1855	0.056	/	/	/	/	/	/



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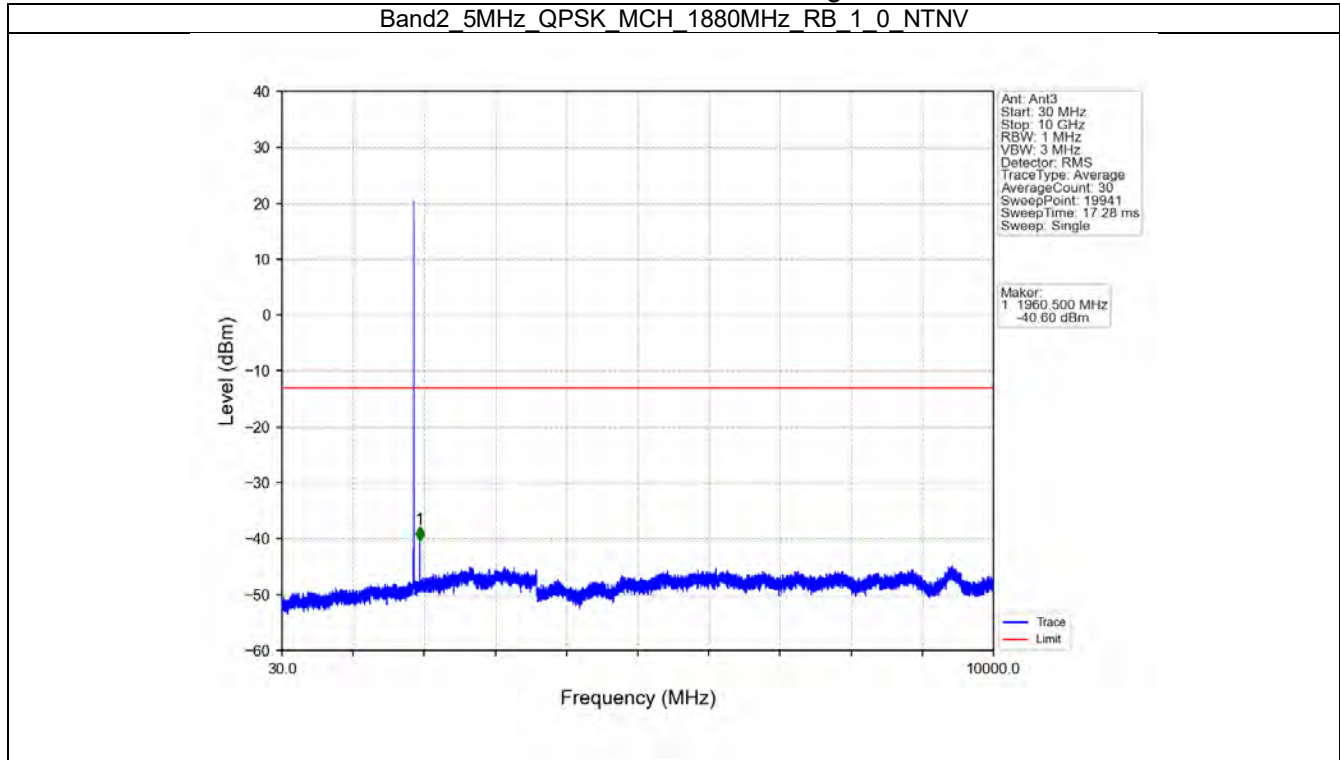
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Band2_5MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



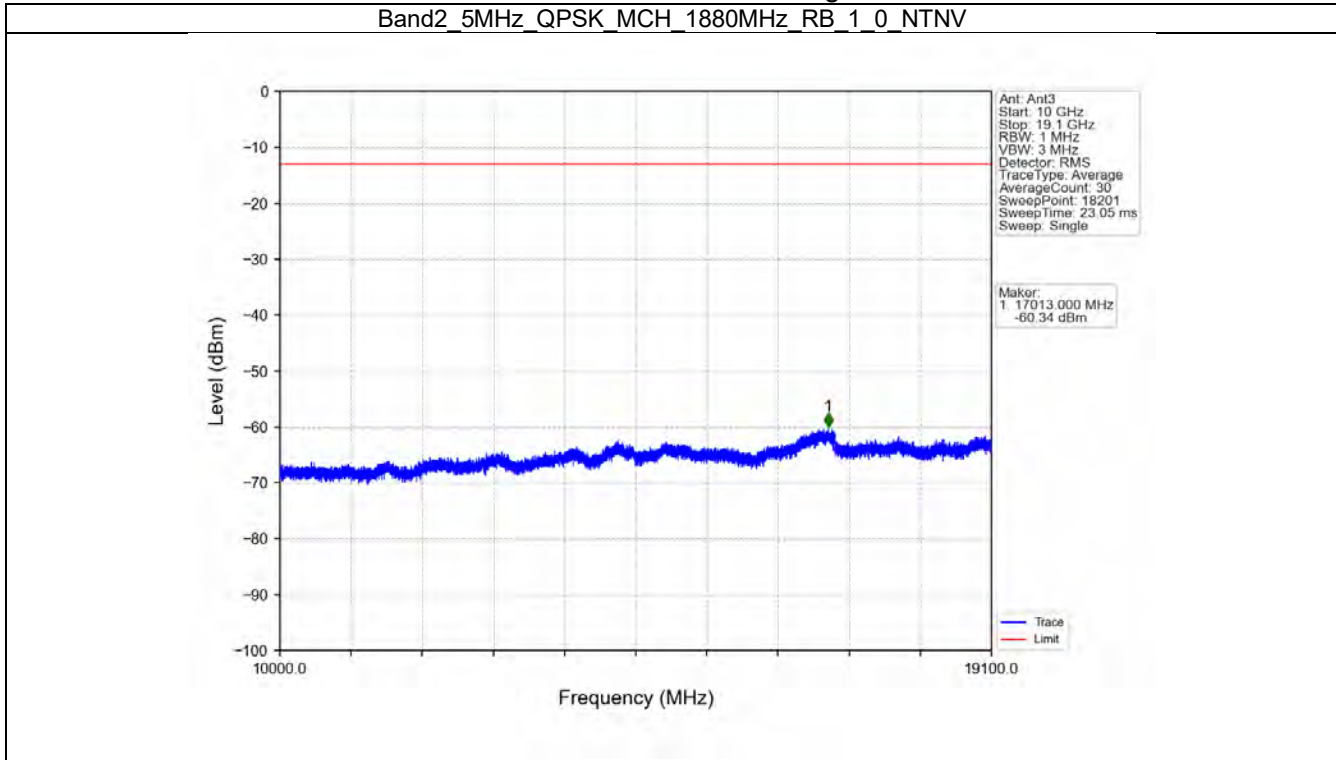
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Band2_5MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV

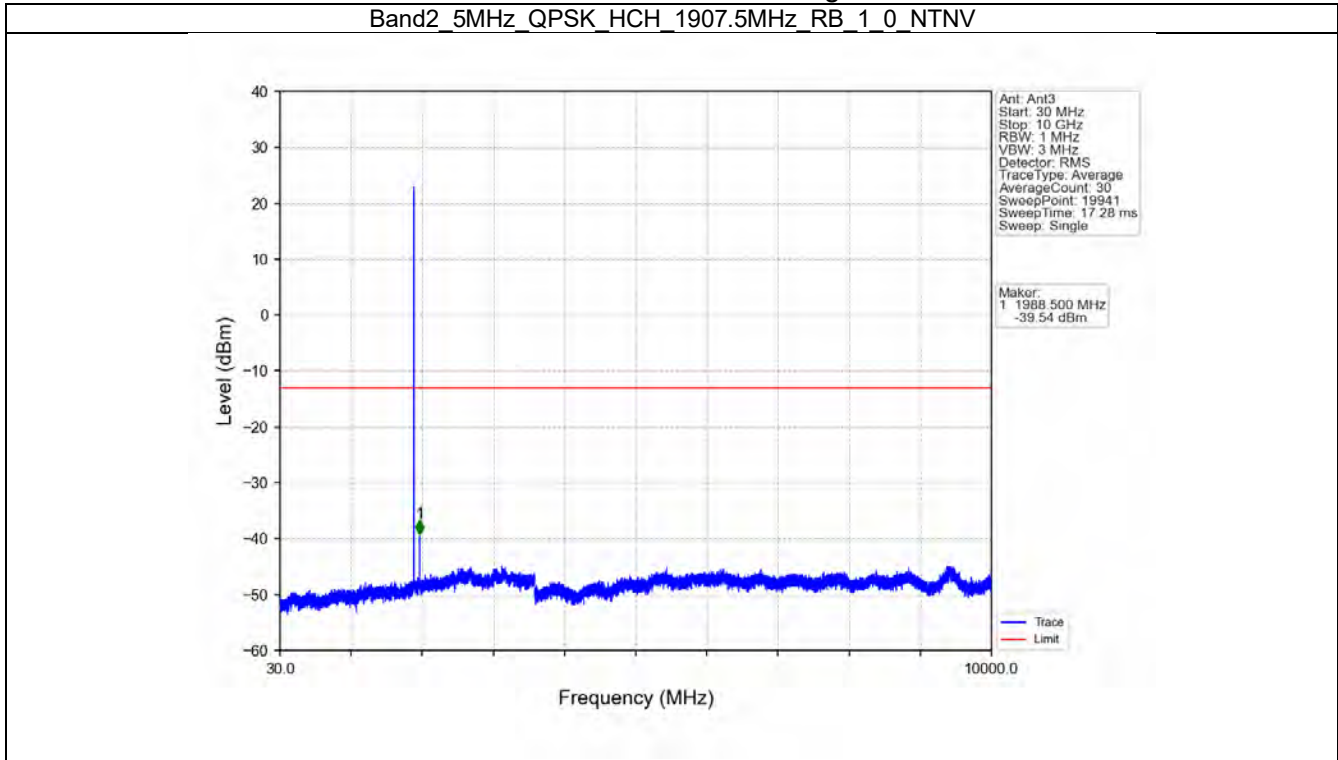


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Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



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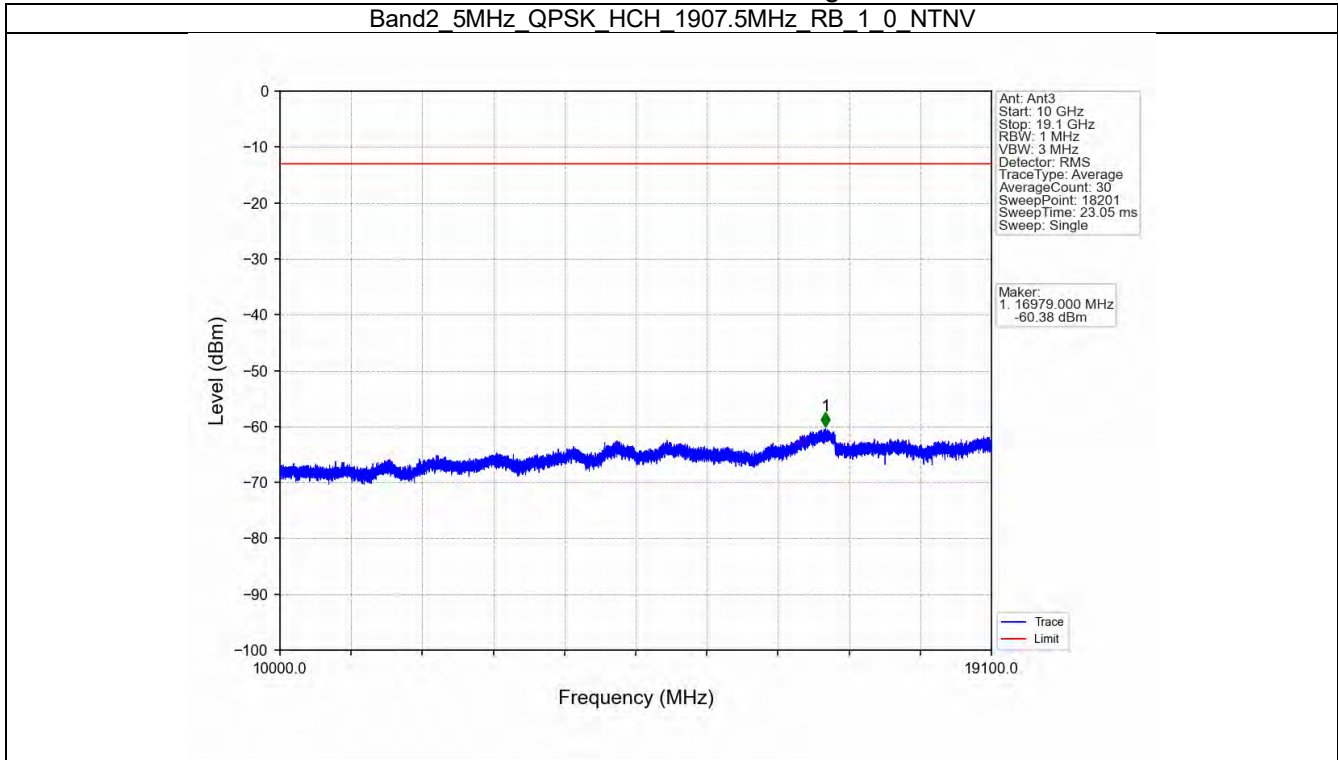
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Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



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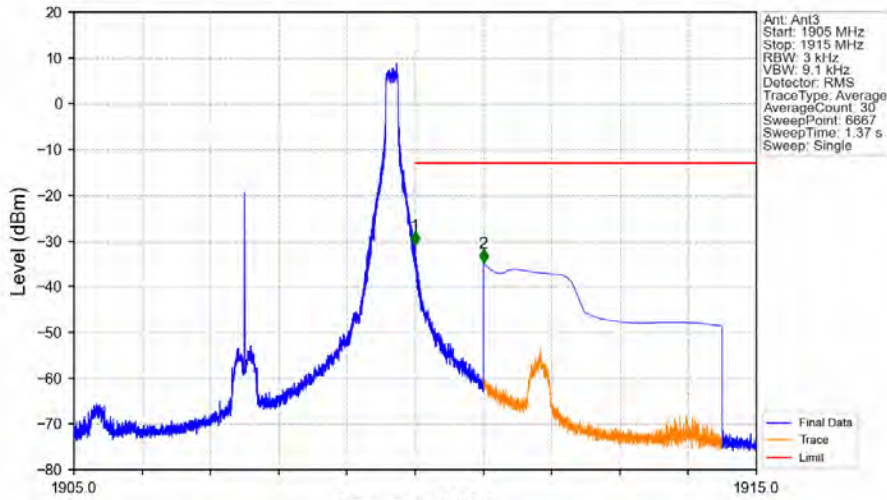
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Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	1	1910.000	-30.98	-13	Pass
1910	1911	0.003	/	1	1910.000	-30.98	-13	Pass
1911	1915	1	CHP	2	1911.001	-34.90	-13	Pass



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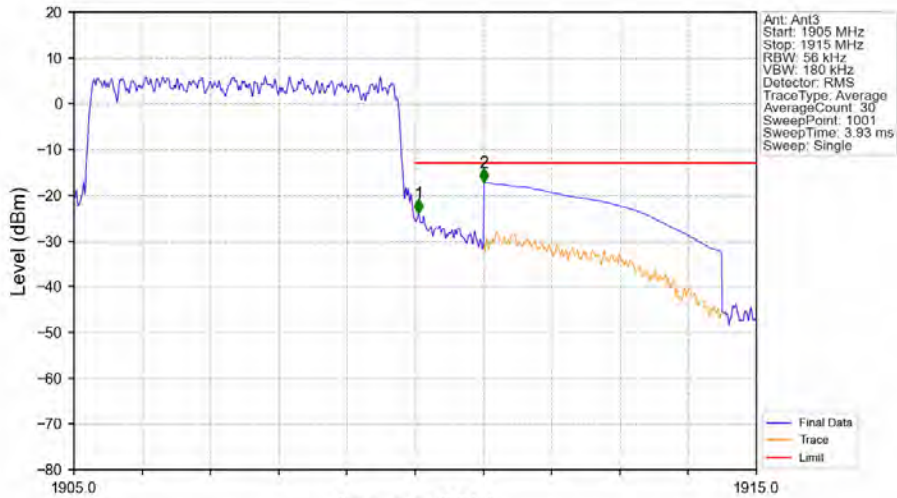
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Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.056	/	1	1910.050	-23.89	-13	Pass
1910	1911	0.056	/	1	1910.050	-23.89	-13	Pass
1911	1915	1	CHP	2	1911.010	-17.18	-13	Pass



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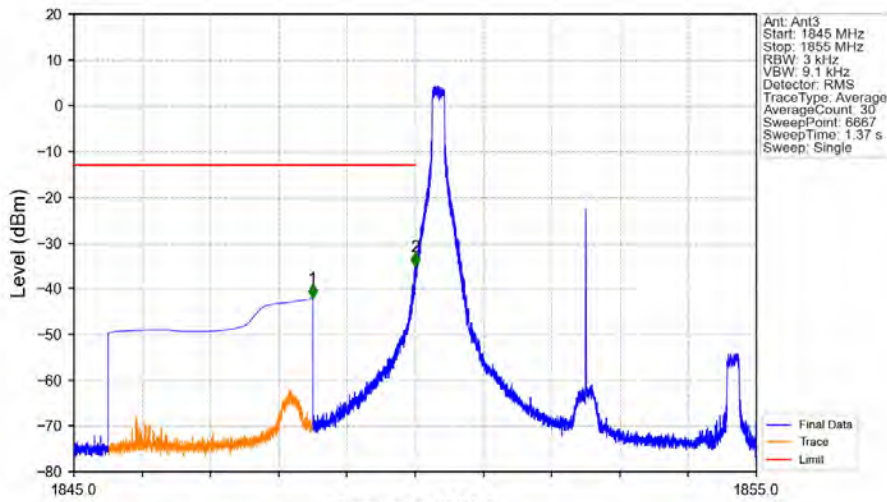
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Band2_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.497	-42.16	-13	Pass
1849	1850	0.003	/	2	1850.000	-35.28	-13	Pass
1850	1855	0.003	/	/	/	/	/	/

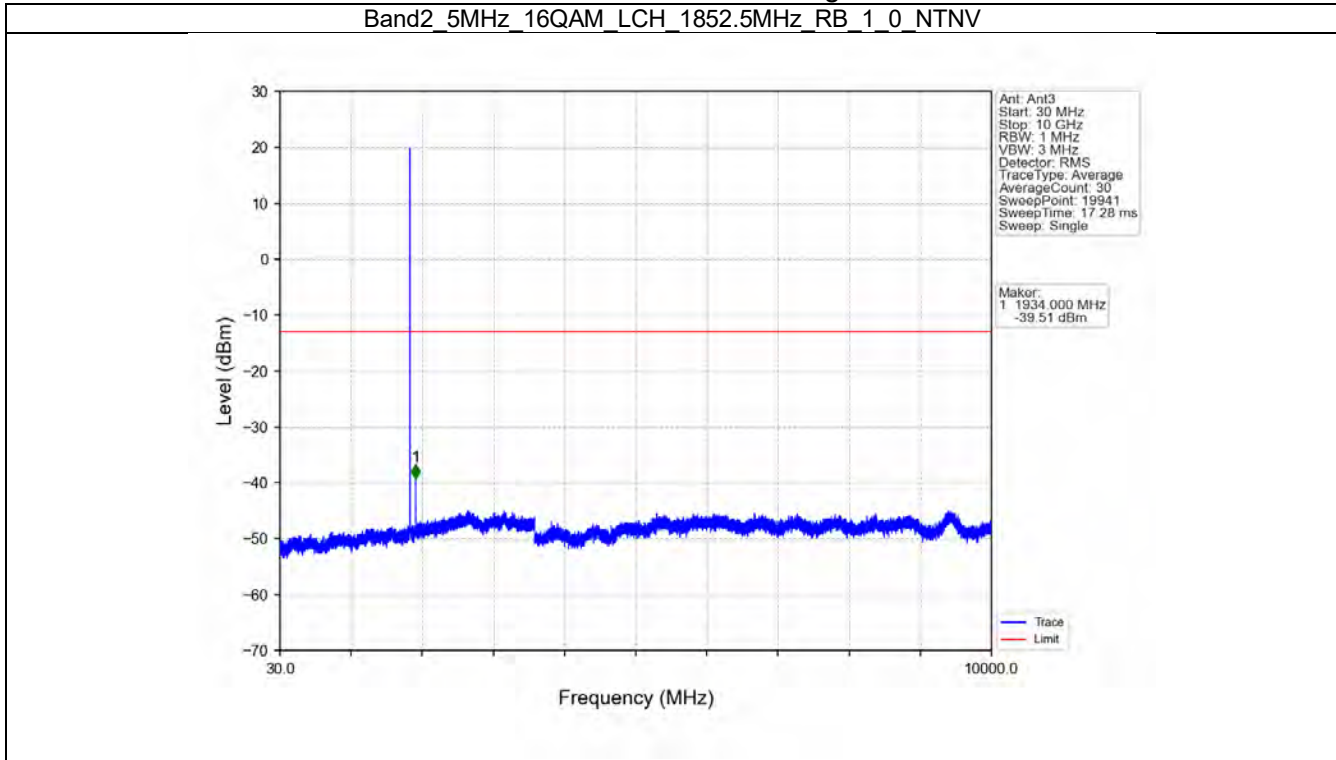


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Band2_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



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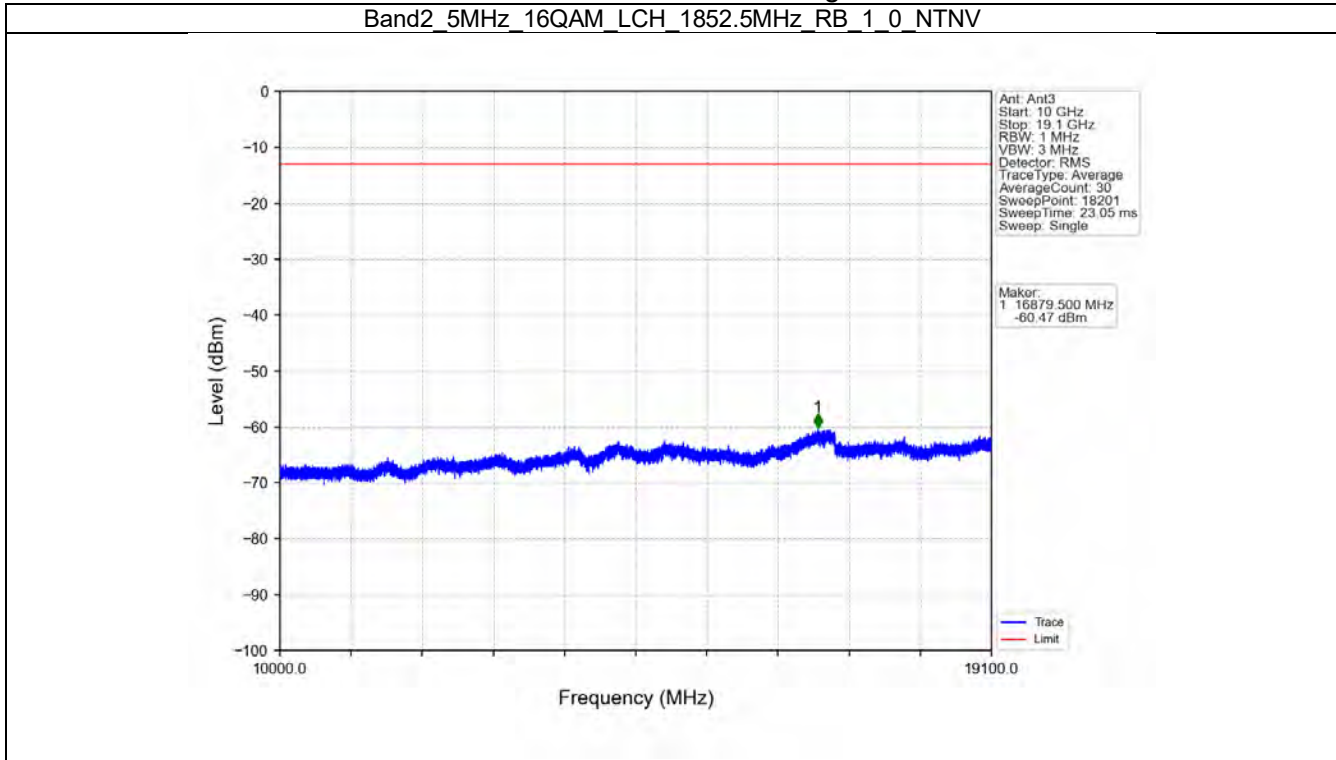
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Band2_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



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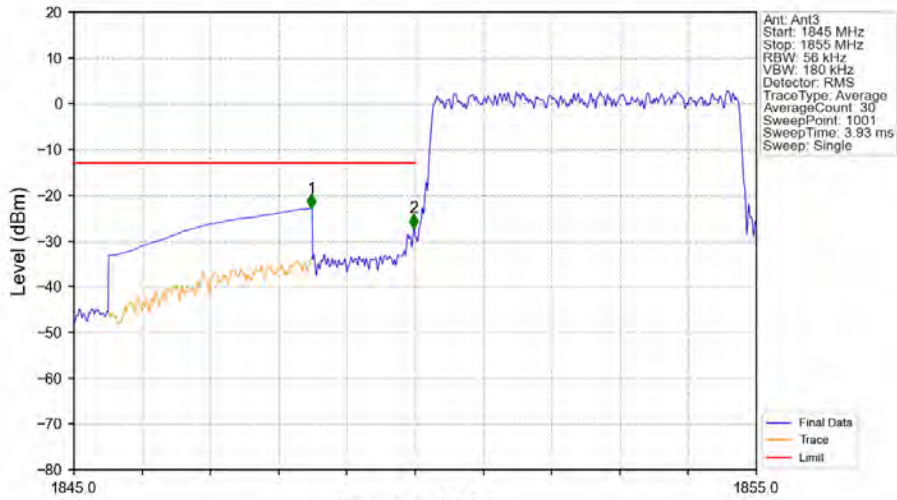
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Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.480	-22.91	-13	Pass
1849	1850	0.056	/	2	1849.980	-27.18	-13	Pass
1850	1855	0.056	/	/	/	/	/	/



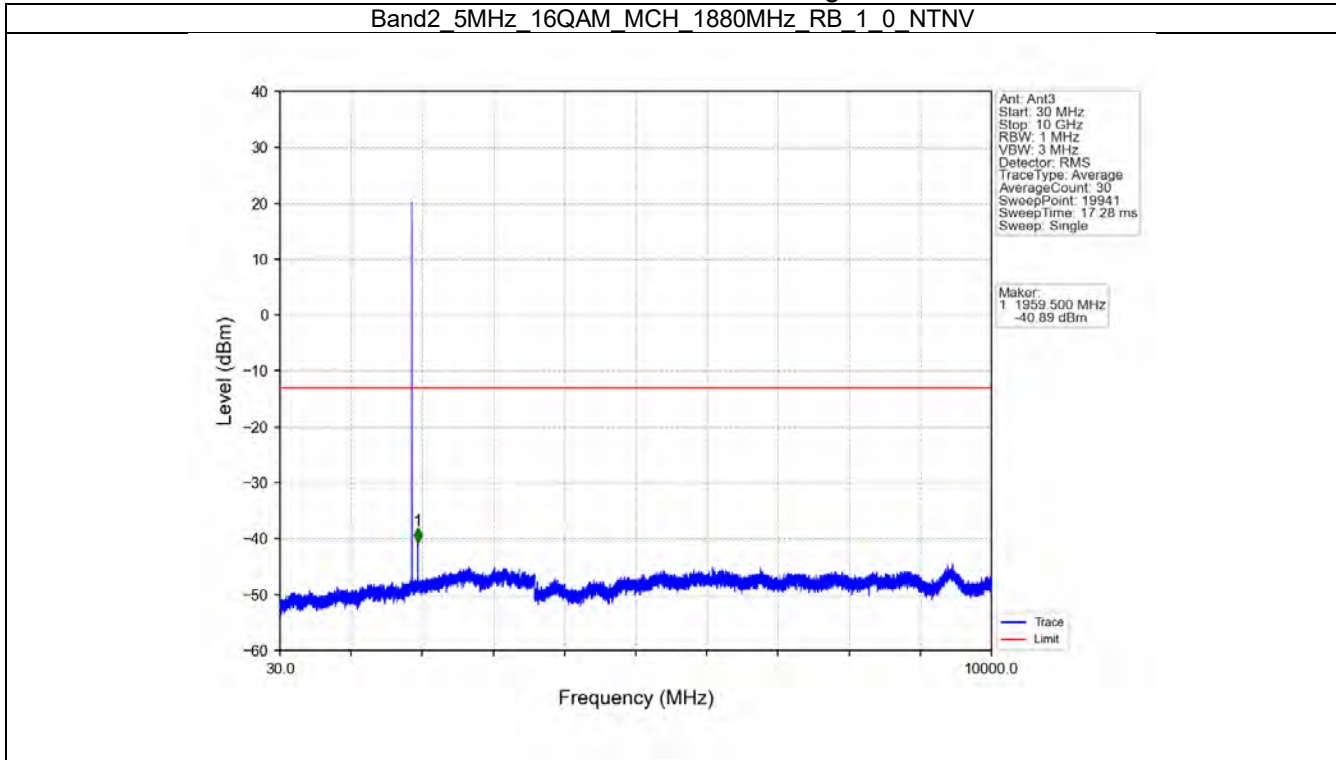
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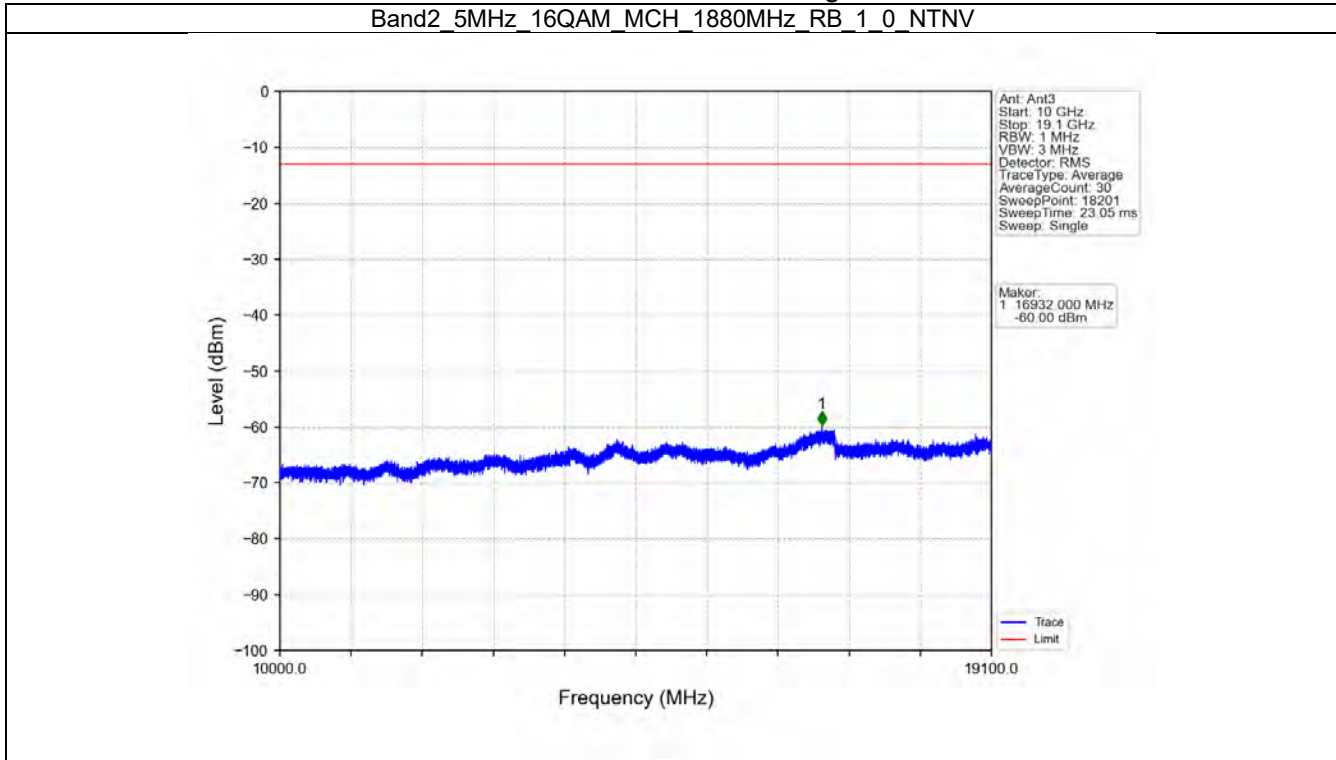


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Band2_5MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



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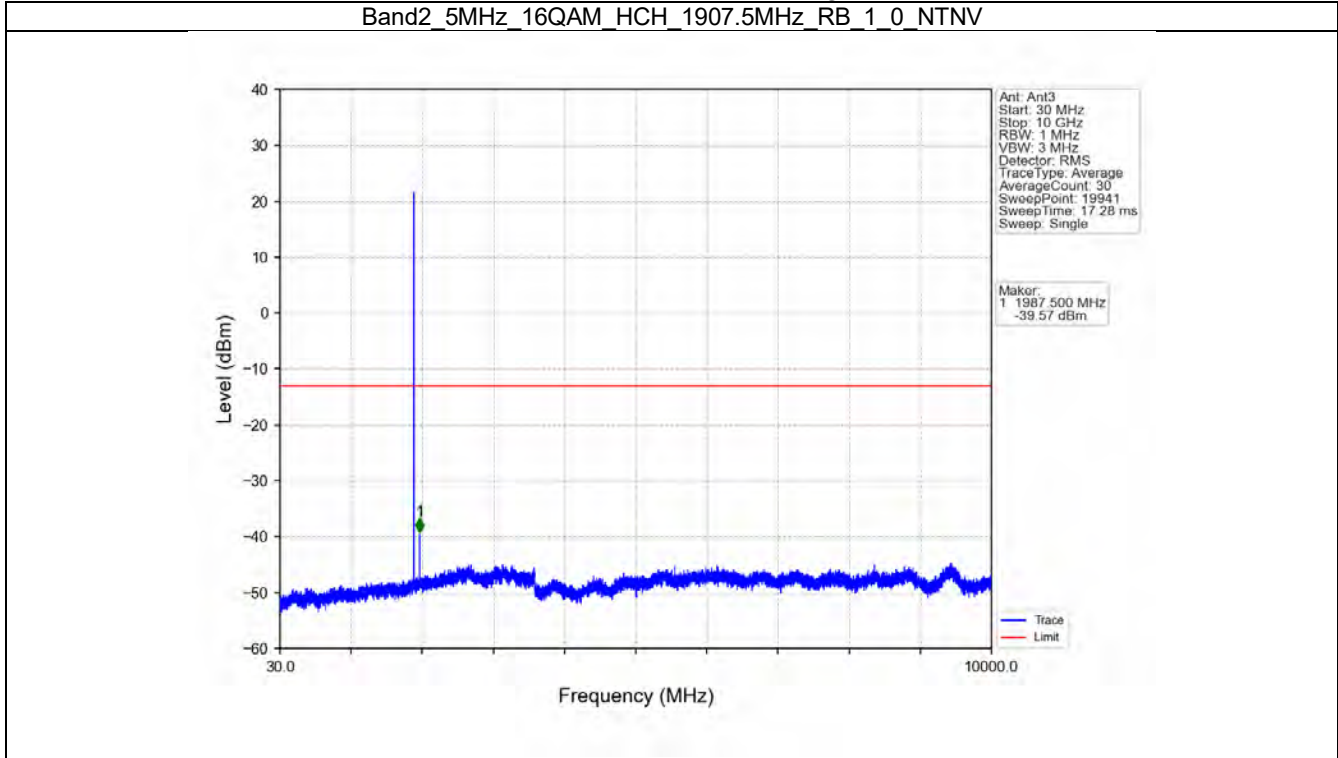
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Band2_5MHz_16QAM_HCH_1907.5MHz_RB_1_0_NTNV

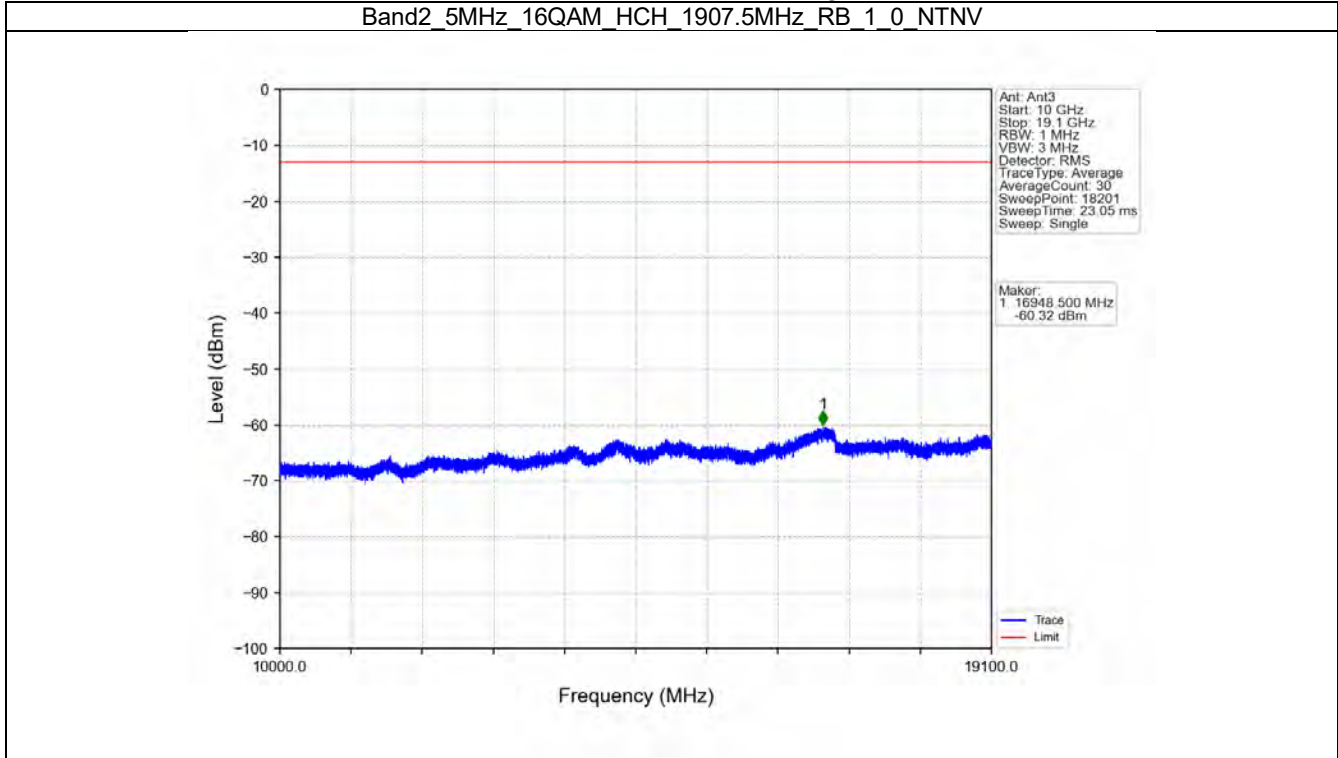


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Band2_5MHz_16QAM_HCH_1907.5MHz_RB_1_0_NTNV



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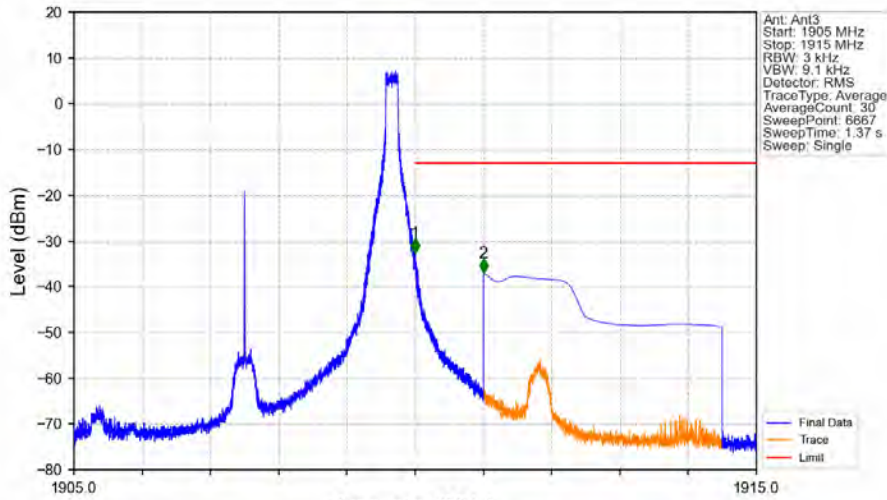
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Band2_5MHz_16QAM_HCH_1907.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	1	1910.000	-32.57	-13	Pass
1910	1911	0.003	/	1	1910.000	-32.57	-13	Pass
1911	1915	1	CHP	2	1911.001	-36.91	-13	Pass



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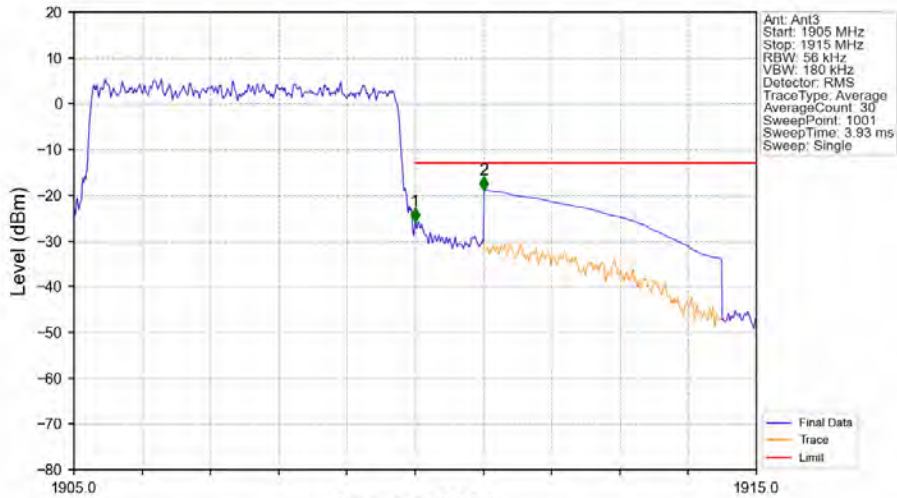
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Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.056	/	1	1910.000	-25.77	-13	Pass
1910	1911	0.056	/	1	1910.000	-25.77	-13	Pass
1911	1915	1	CHP	2	1911.010	-18.91	-13	Pass



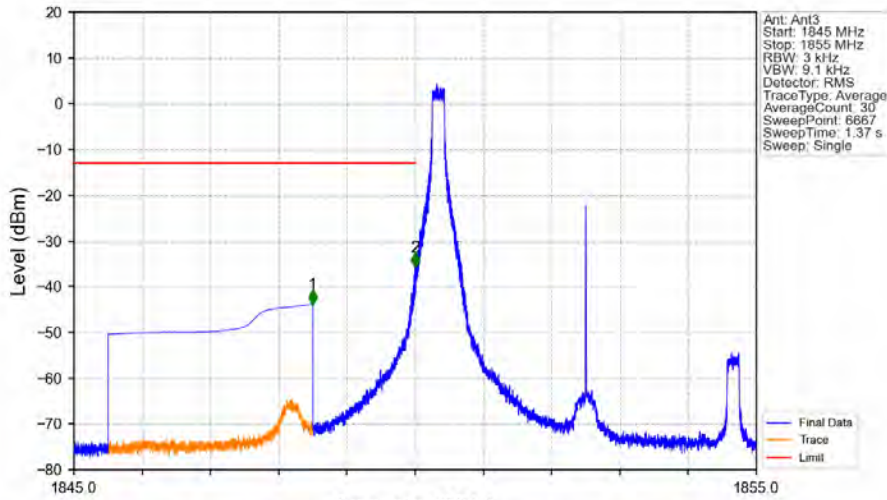
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Band2_5MHz_64QAM_LCH_1852.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.497	-43.79	-13	Pass
1849	1850	0.003	/	2	1849.998	-35.74	-13	Pass
1850	1855	0.003	/	/	/	/	/	/

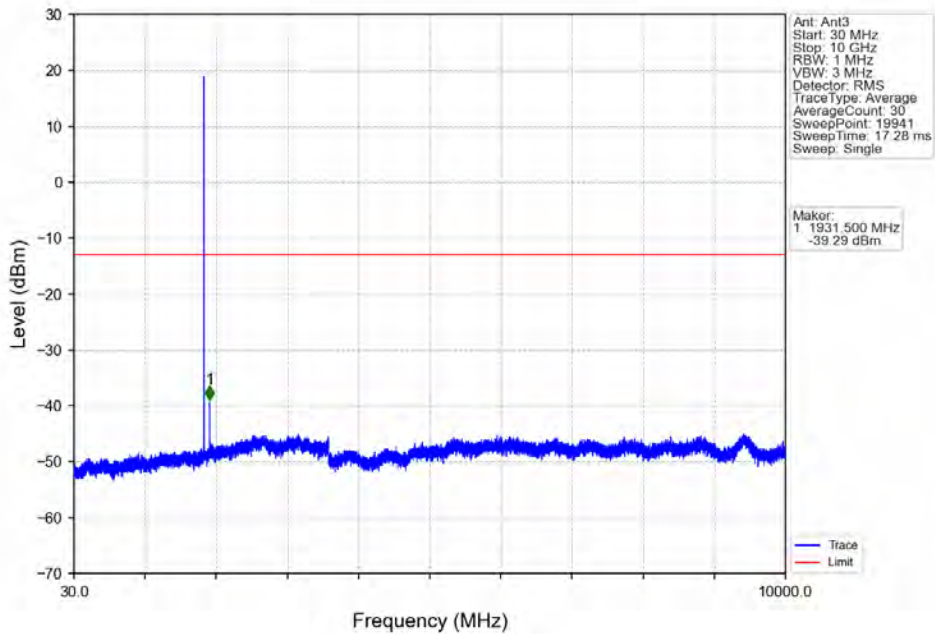


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Band2_5MHz_64QAM_LCH_1852.5MHz_RB_1_0_NTNV

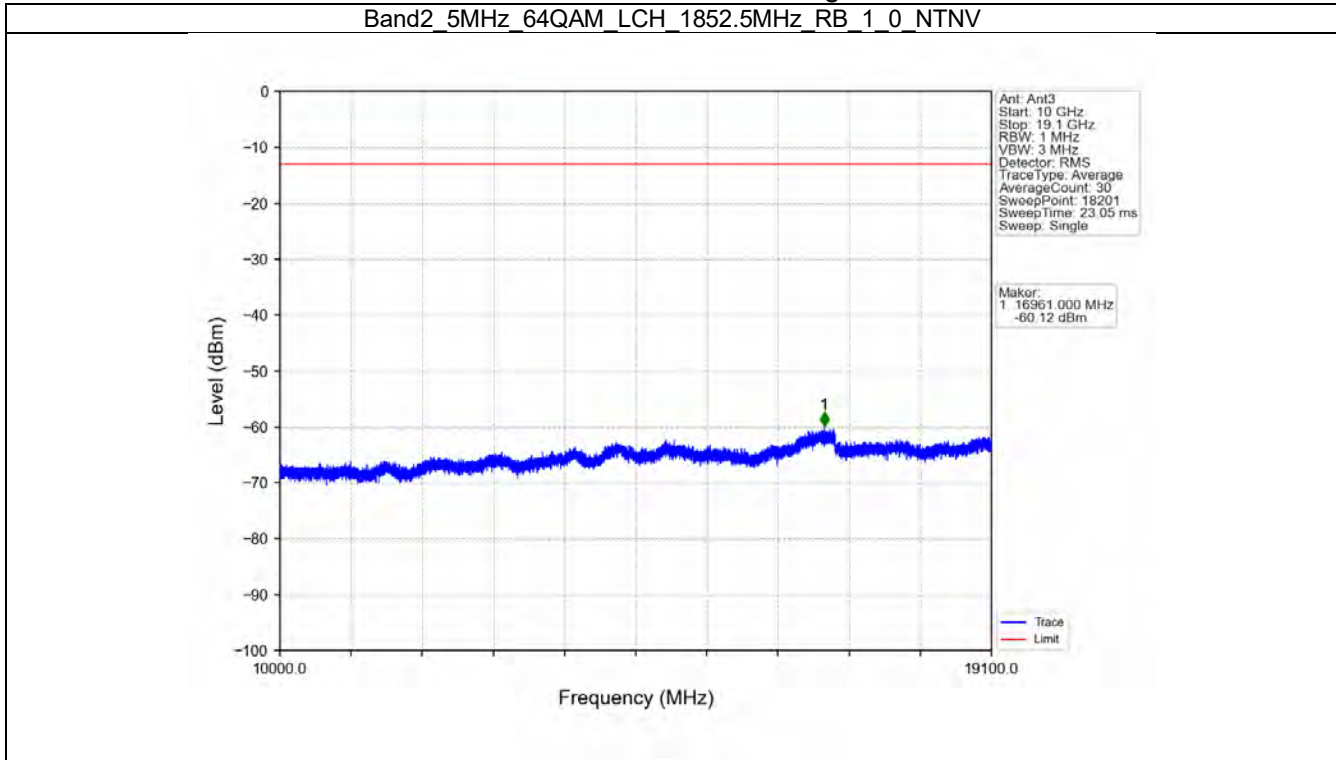


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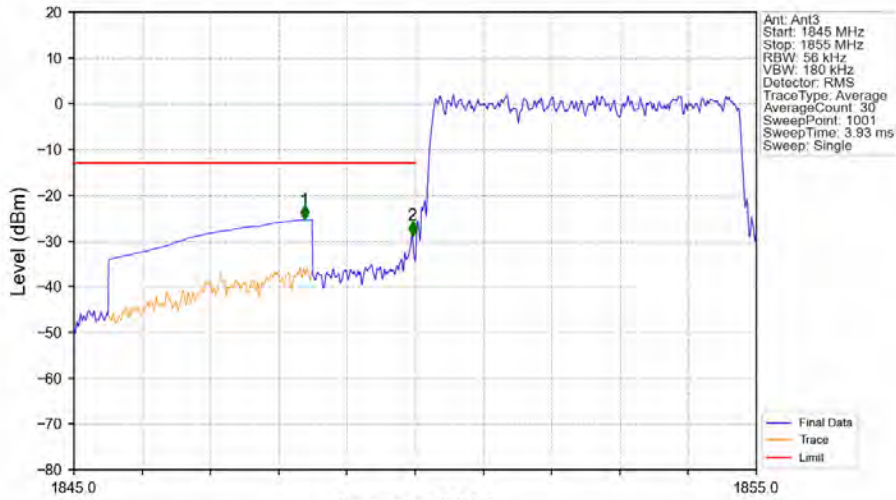
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Report No.: SEWM2311000454RG01

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Band2_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.380	-25.38	-13	Pass
1849	1850	0.056	/	2	1849.960	-28.78	-13	Pass
1850	1855	0.056	/	/	/	/	/	/



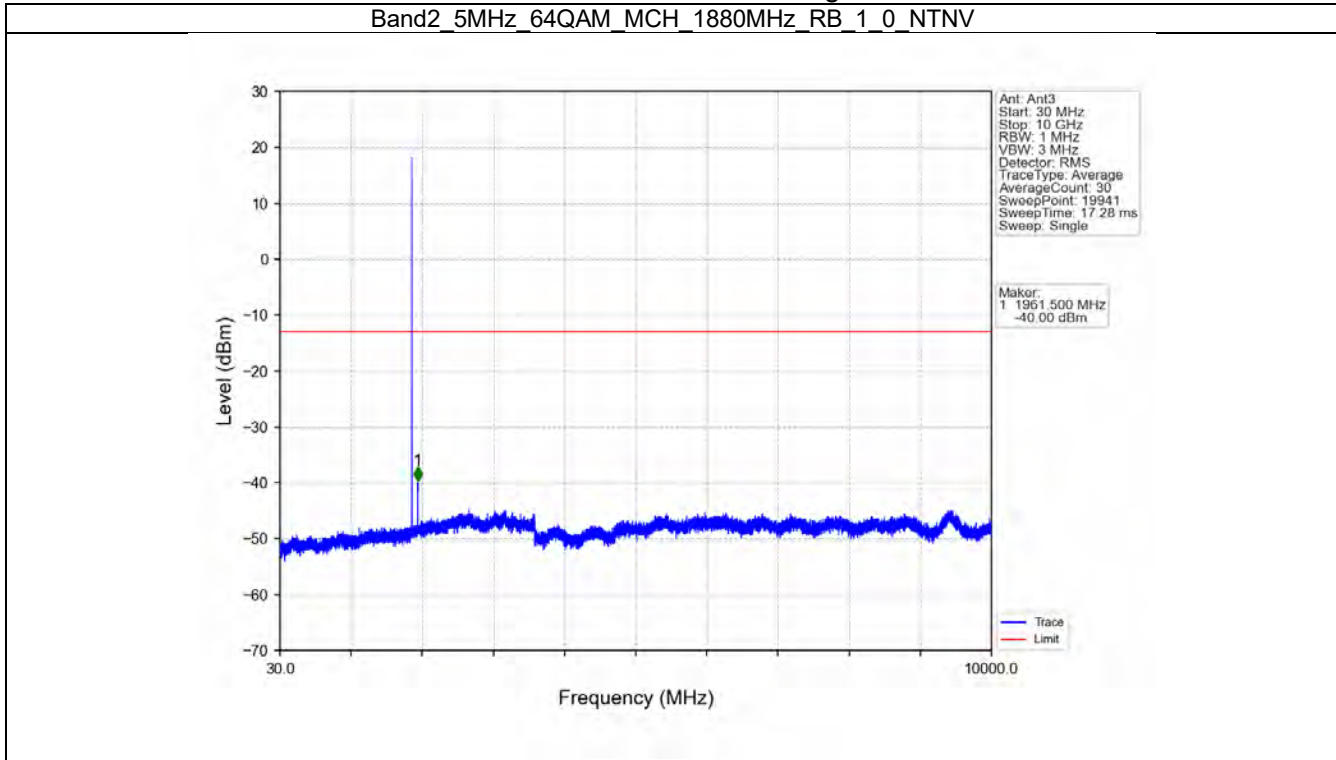
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Band2_5MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV

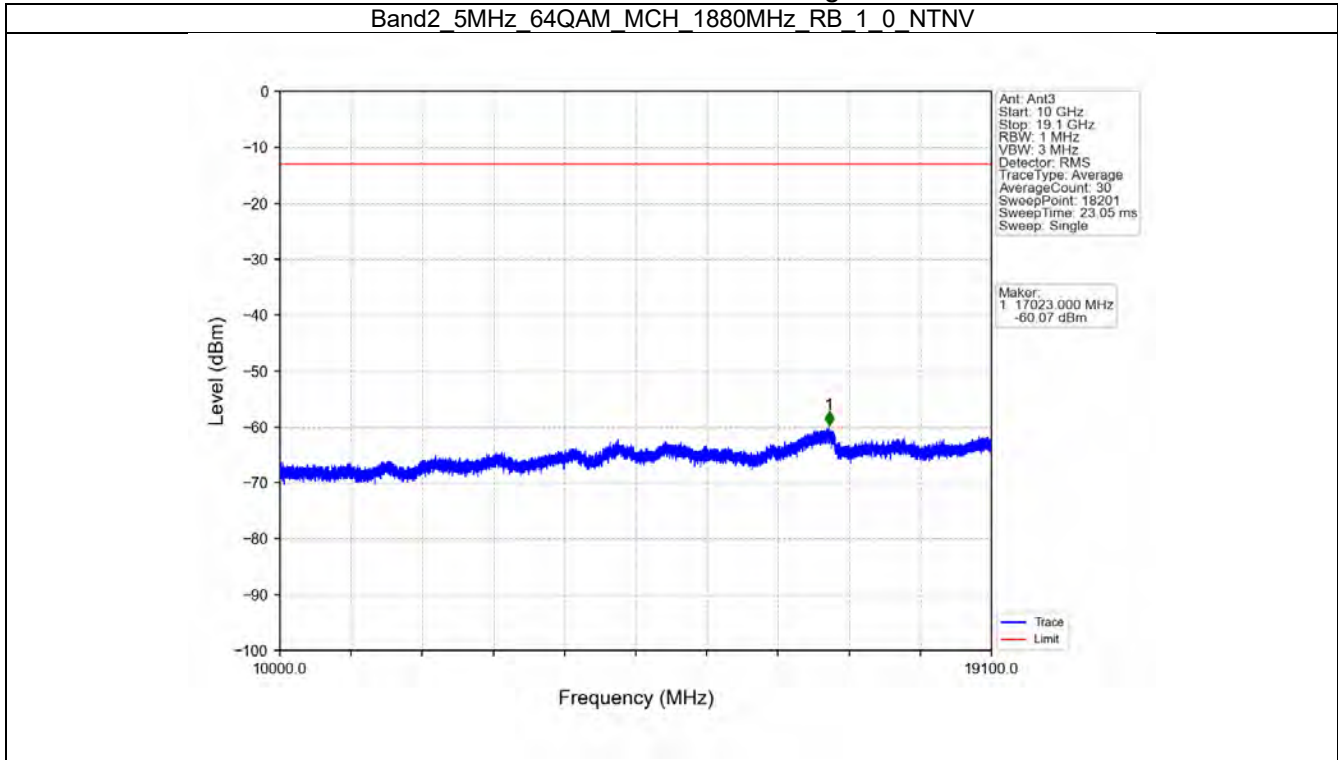


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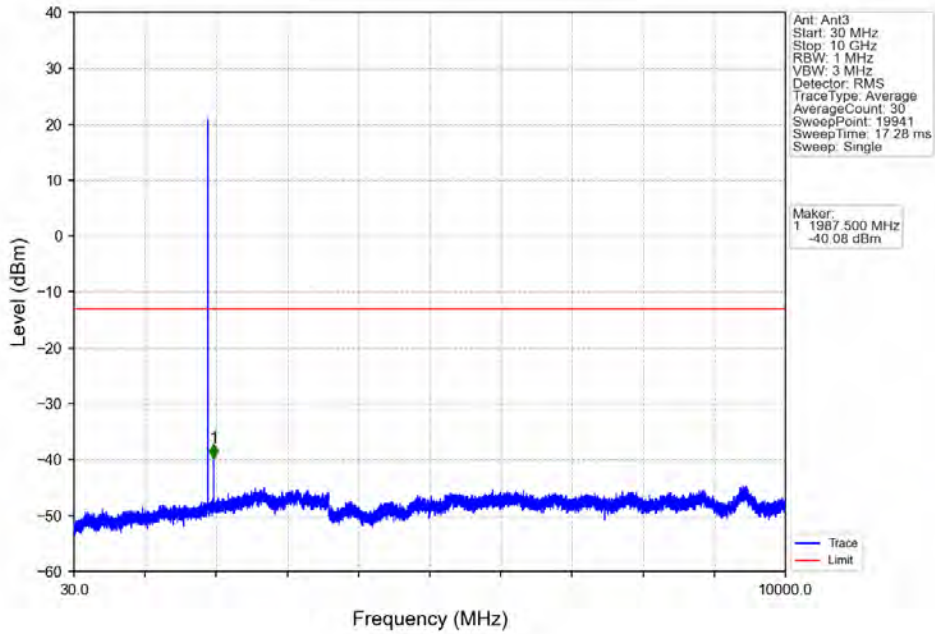
Band2_5MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



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Band2_5MHz_64QAM_HCH_1907.5MHz_RB_1_0_NTNV



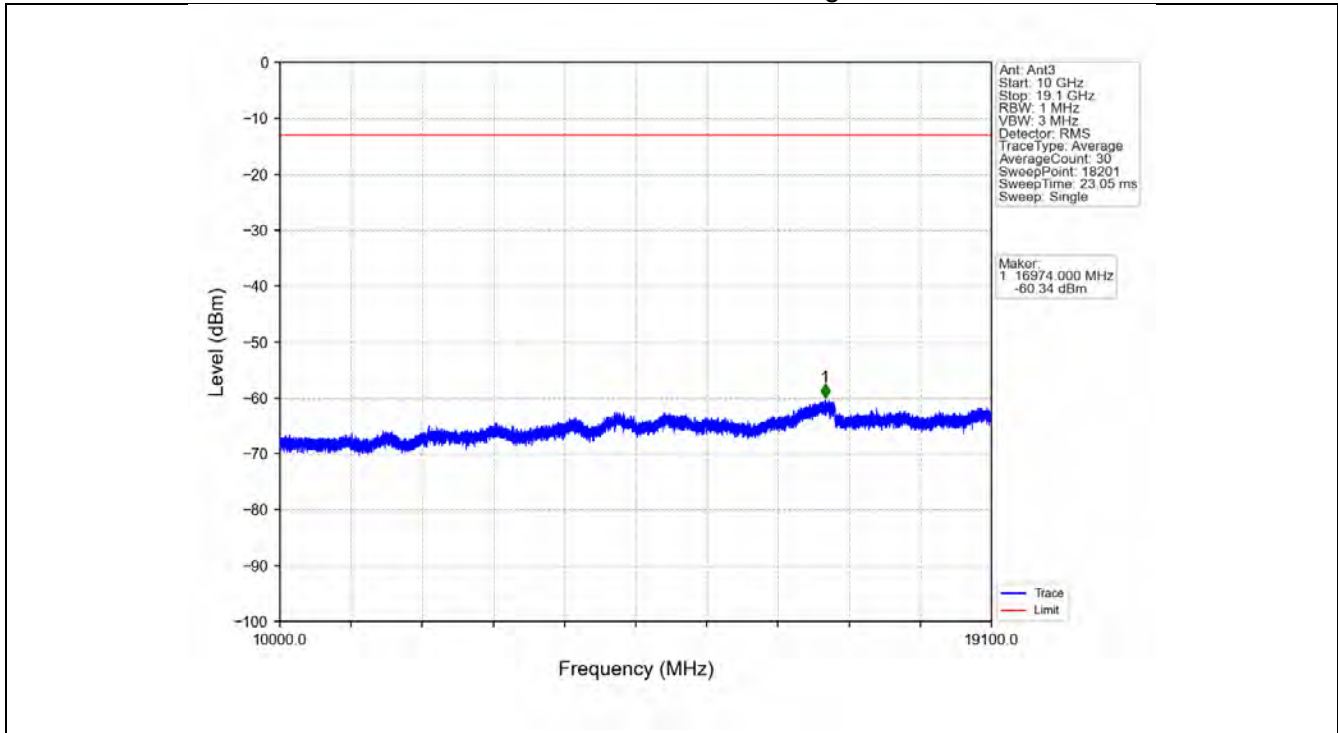
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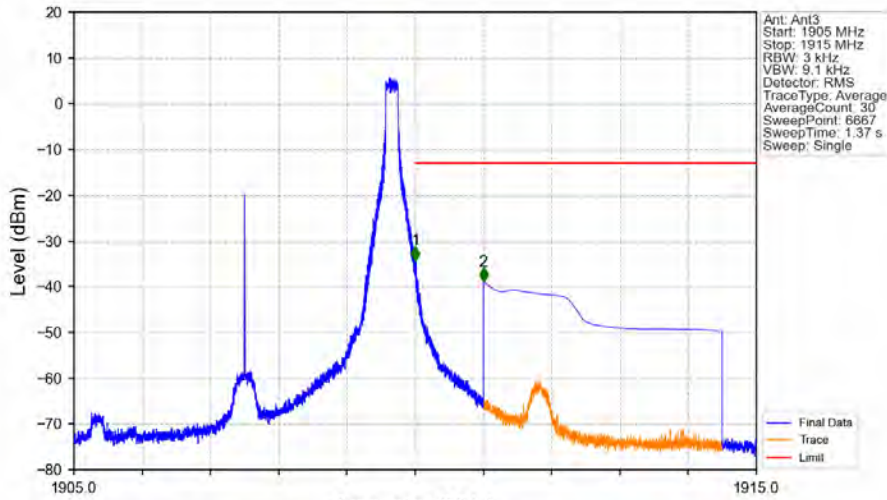


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Band2_5MHz_64QAM_HCH_1907.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	1	1910.002	-34.24	-13	Pass
1910	1911	0.003	/	2	1911.001	-38.92	-13	Pass
1911	1915	1	CHP					



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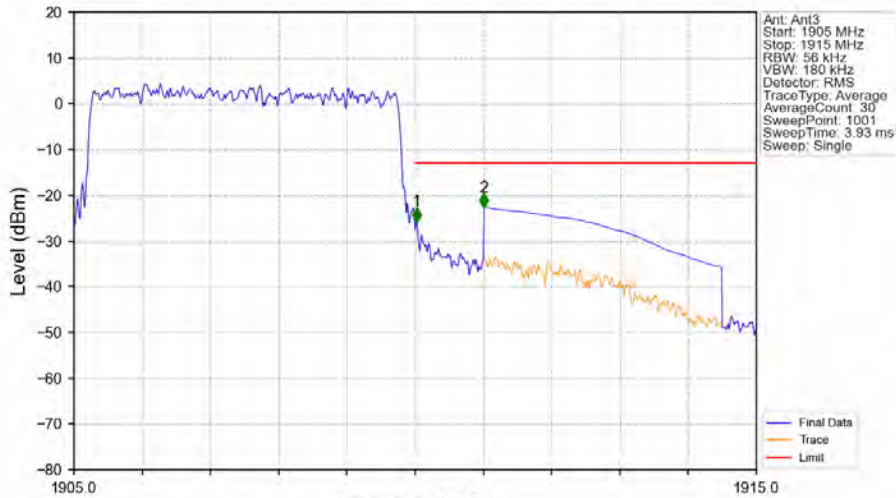
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Band2_5MHz_64QAM_HCH_1907.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.056	/	1	1910.020	-25.78	-13	Pass
1910	1911	0.056	/	2	1911.010	-22.71	-13	Pass
1911	1915	1	CHP					



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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	
64QAM	1855	1	0	Refer To Test Graph		Pass	
		50	0	Refer To Test Graph		Pass	
	1880	1	0	Refer To Test Graph		Pass	
		1905	1	0	Refer To Test Graph		Pass
				49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass	

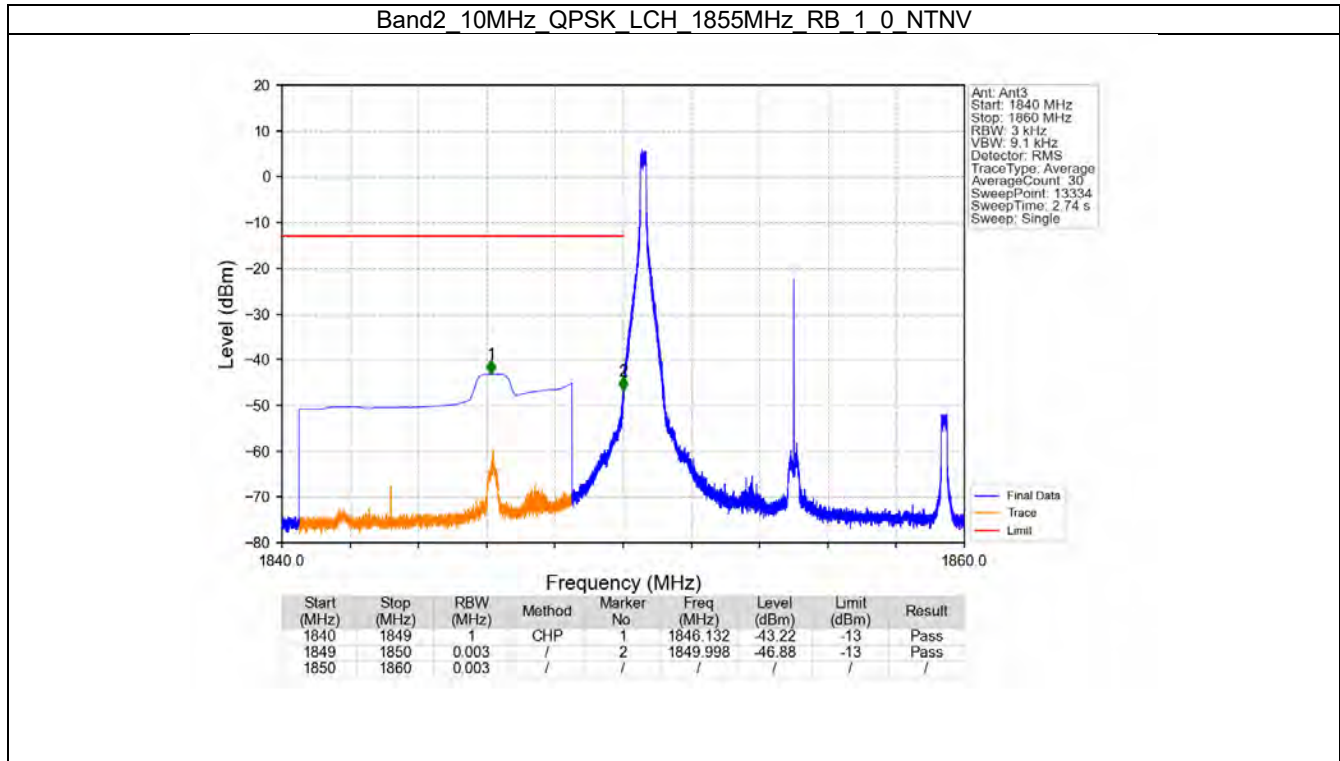


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5.4.2 Test Graph

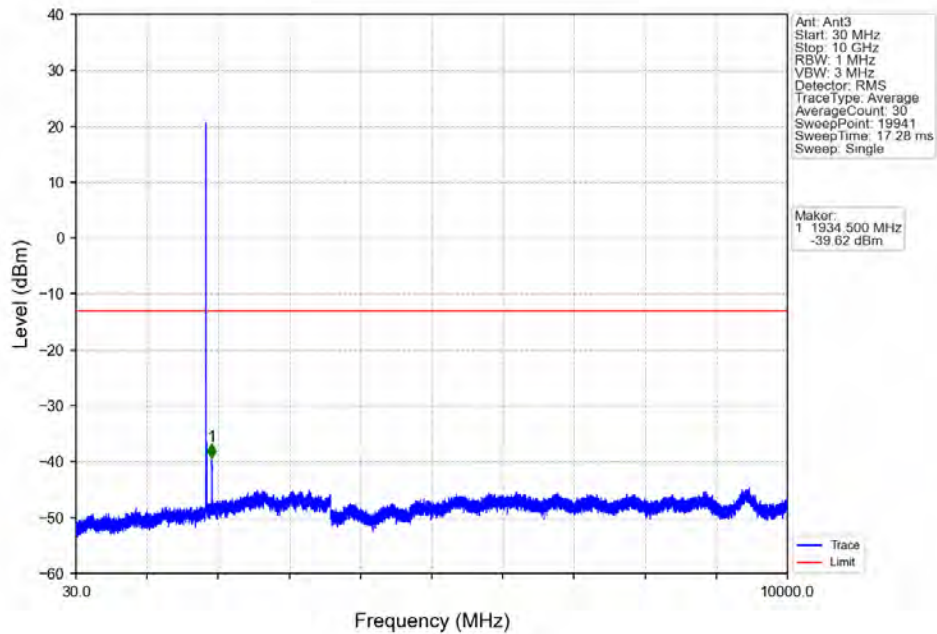


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Band2_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV



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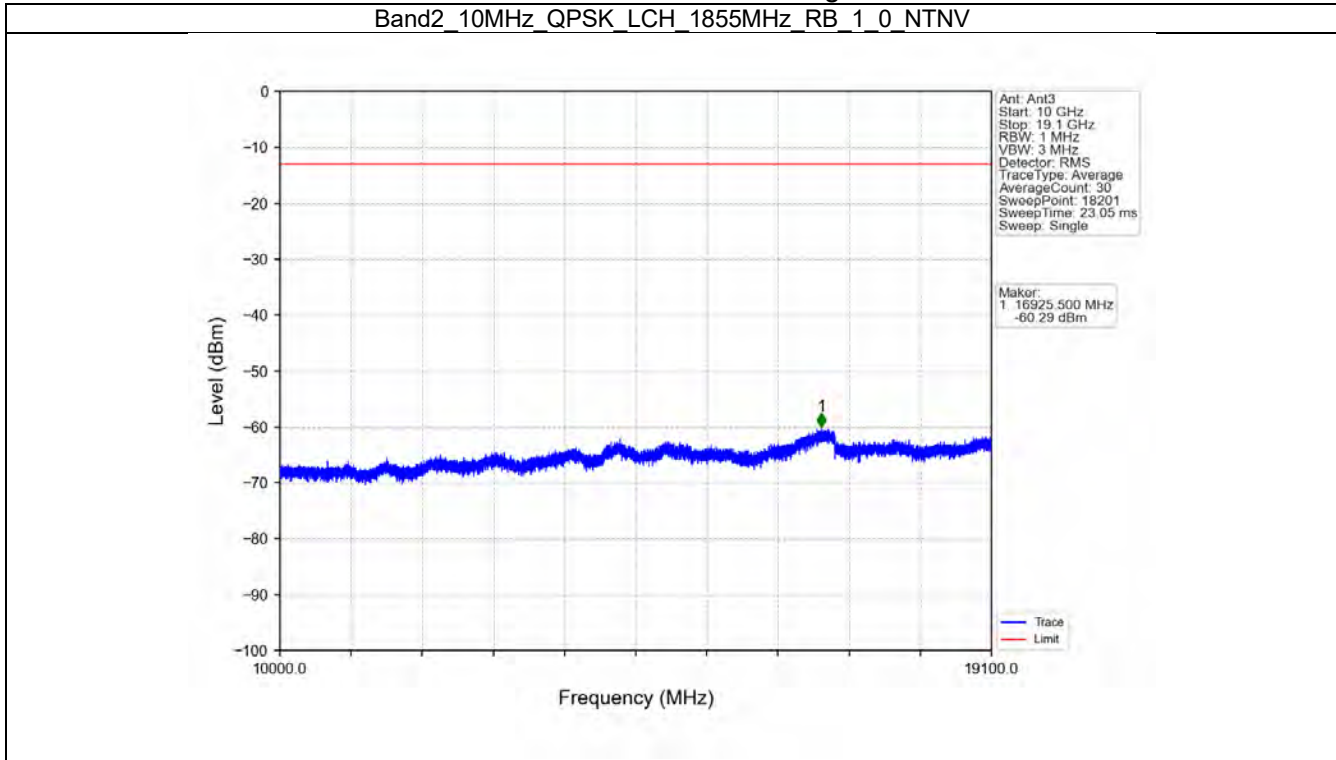
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Band2_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV



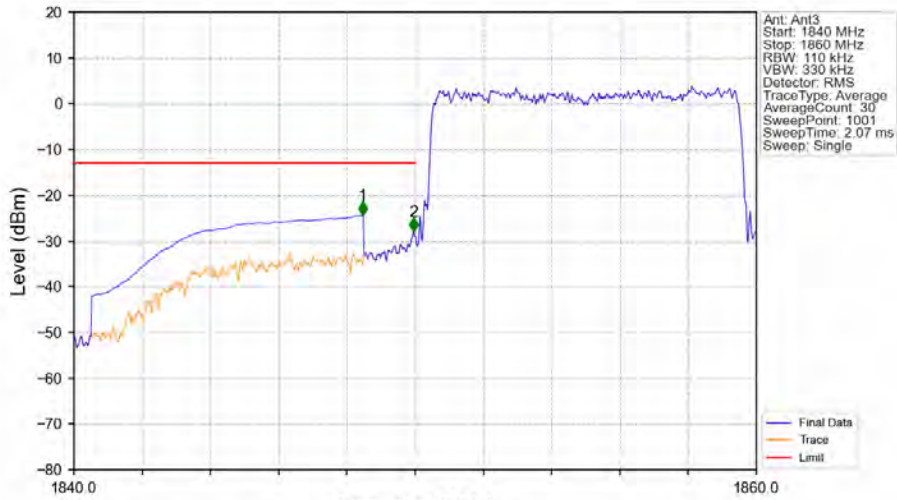
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Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



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1840	1849	1	CHP	1	1848.460	-24.50	-13	Pass
1849	1850	0.11	/	2	1849.960	-28.05	-13	Pass
1850	1860	0.11	/	/	/	/	/	/

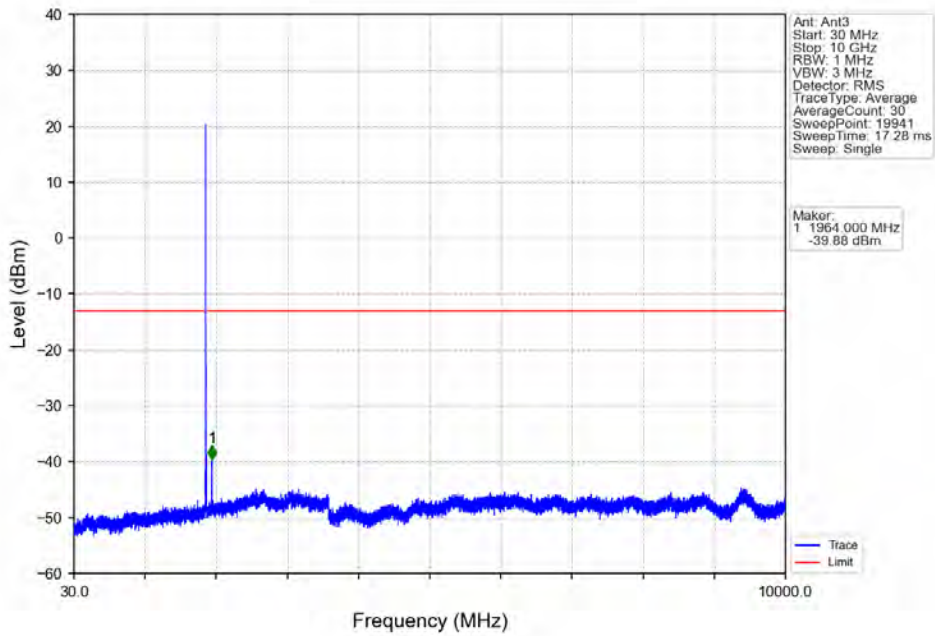


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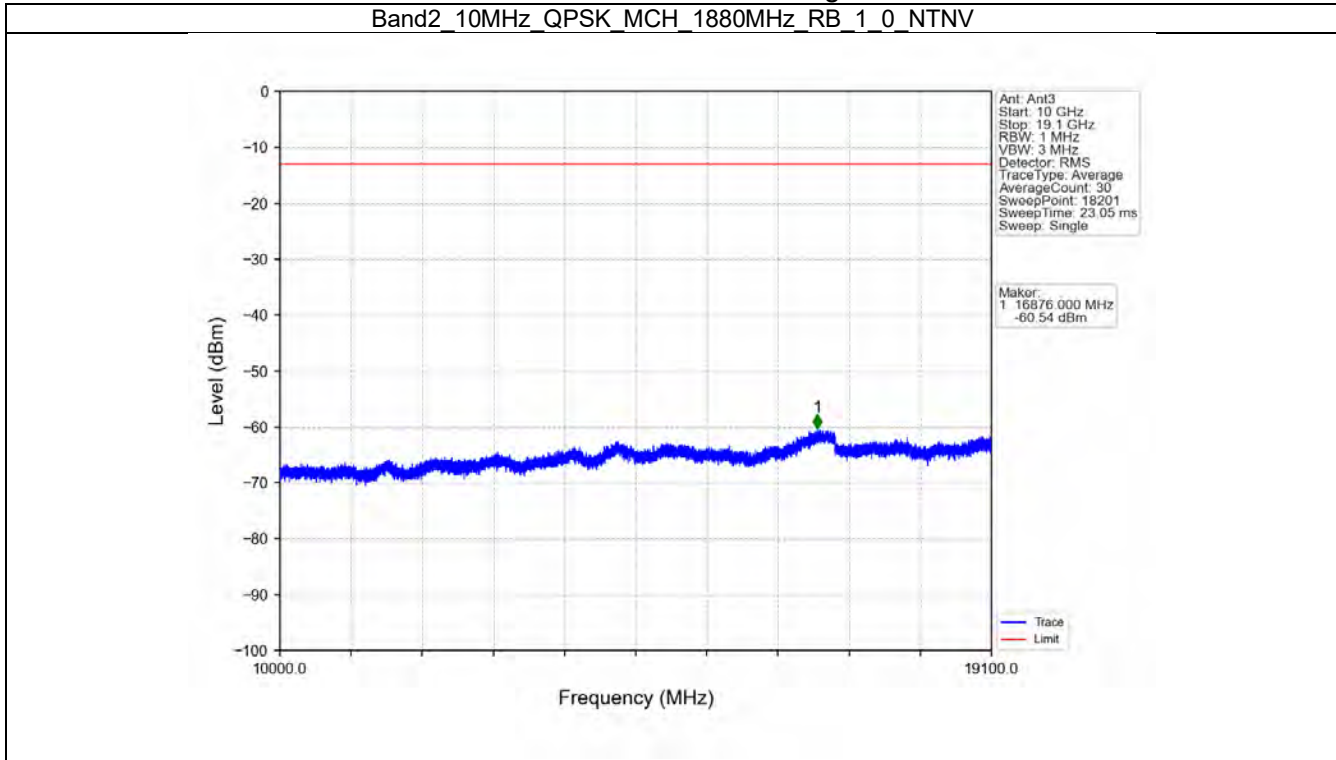


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Band2_10MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



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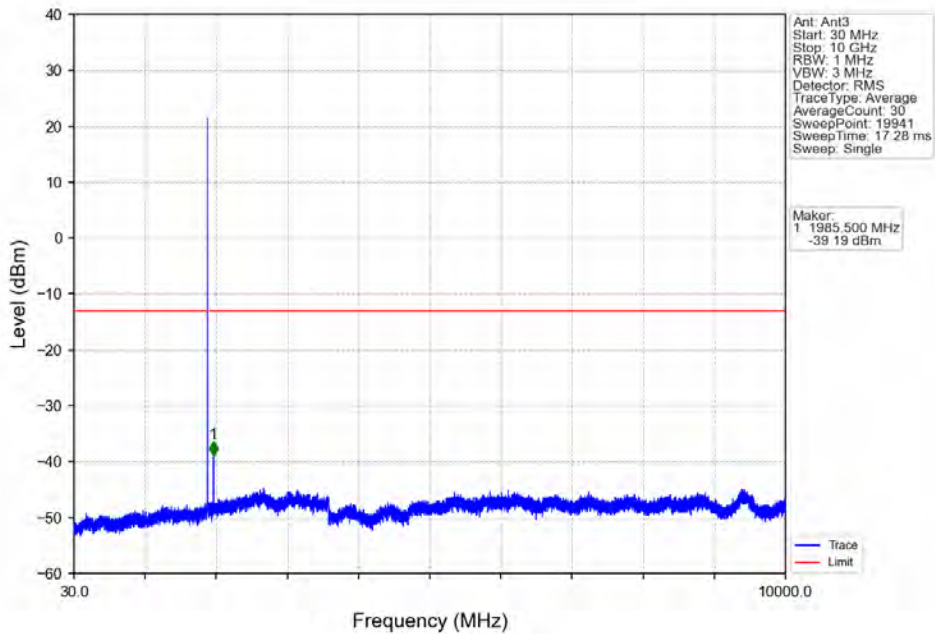
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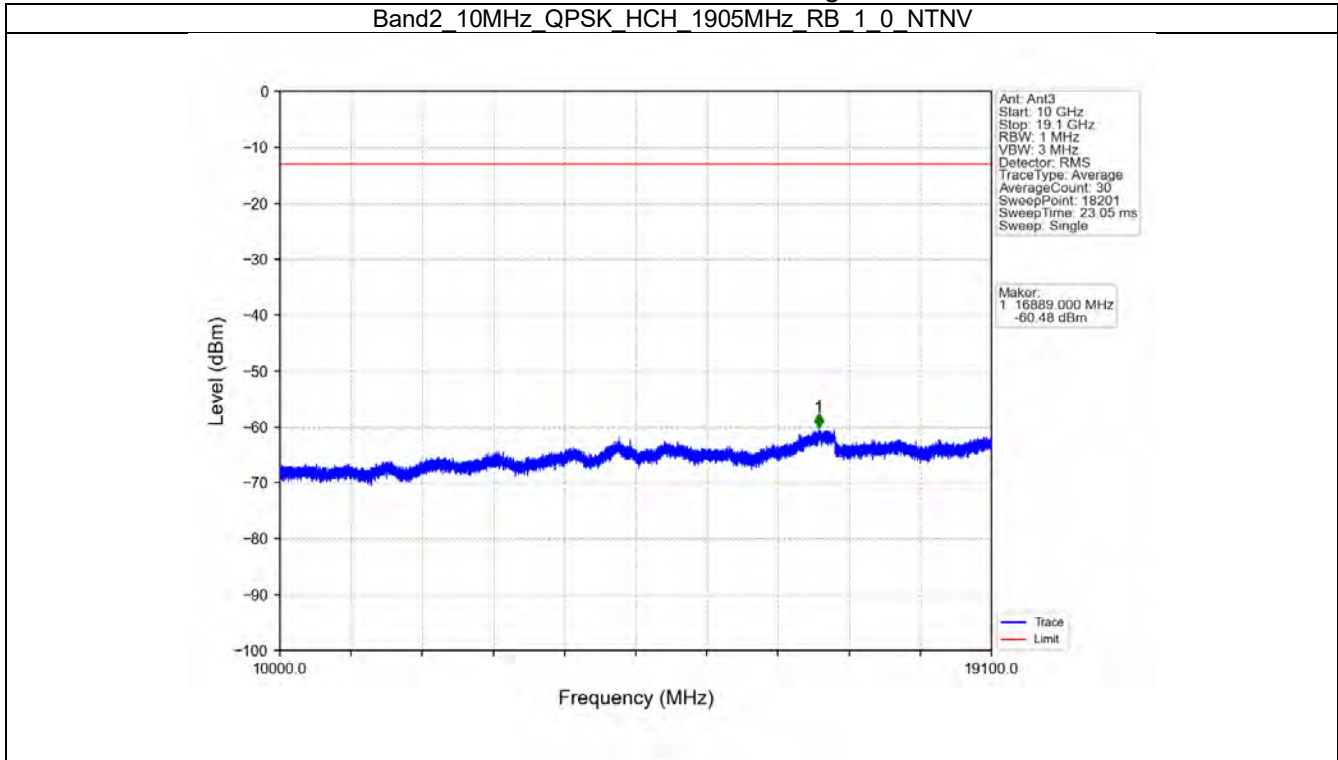
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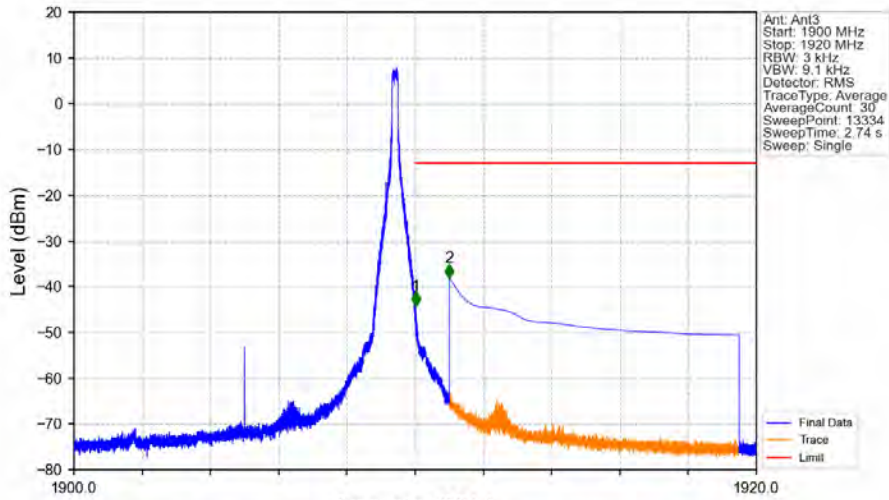
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Band2 10MHz_QPSK_HCH_1905MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.003	/	1	1910.016	-44.24	-13	Pass
1910	1911	0.003	/	2	1911.001	-38.12	-13	Pass
1911	1920	1	CHP					



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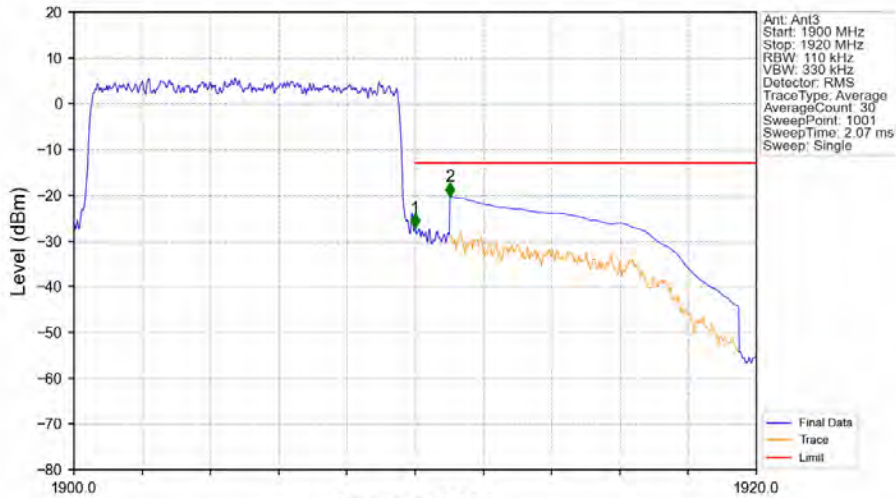
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Band2 10MHz_QPSK_HCH_1905MHz_RB 50_0 NTNv



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.11	/	1	1910.000	-27.10	-13	Pass
1910	1911	0.11	/	2	1911.020	-20.33	-13	Pass
1911	1920	1	CHP					



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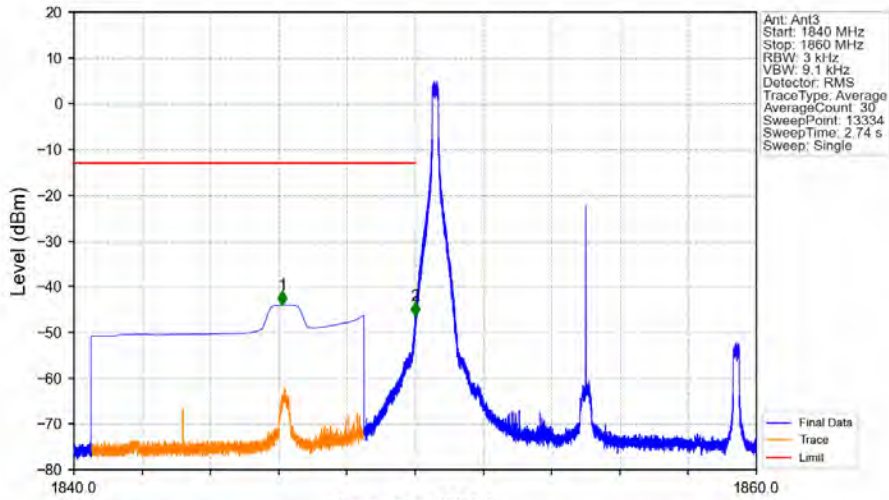
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Band2_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1846.108	-44.00	-13	Pass
1849	1850	0.003	/	2	1849.998	-46.41	-13	Pass
1850	1860	0.003	/	/	/	/	/	/



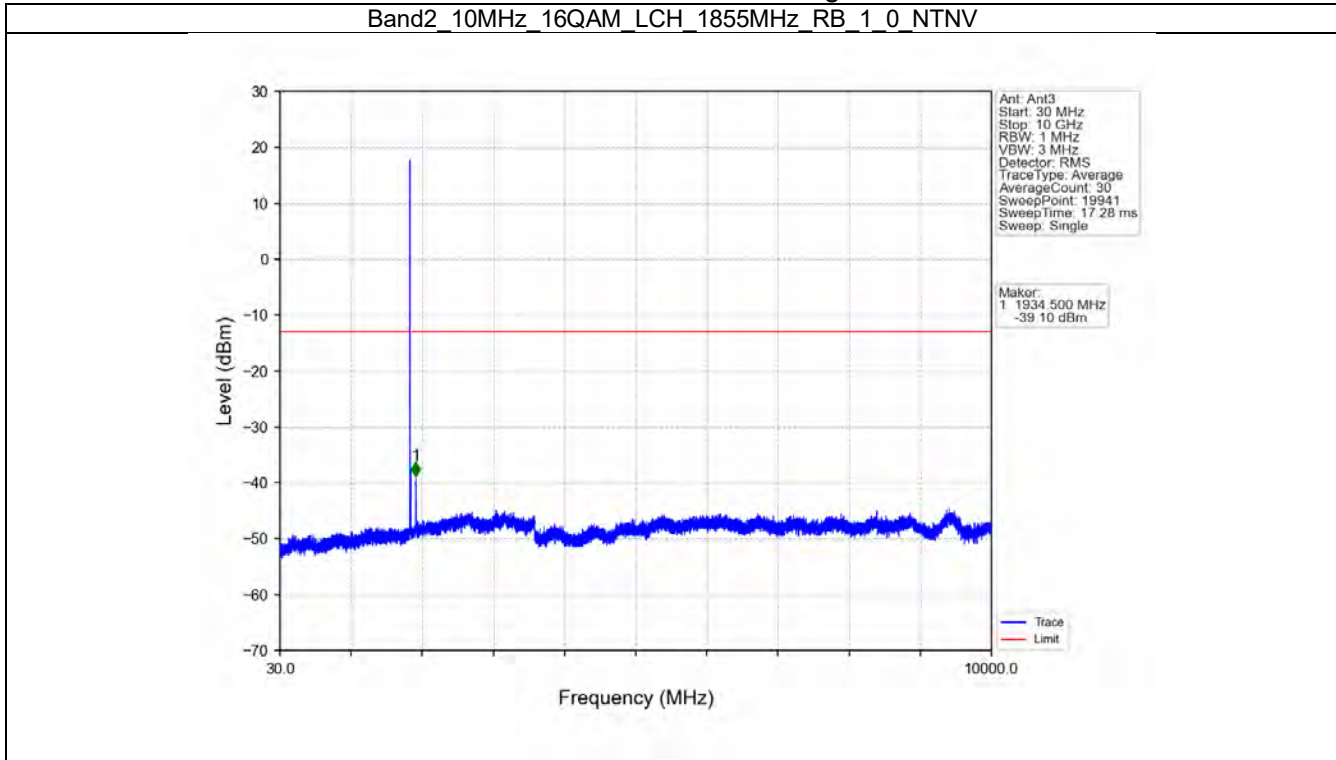
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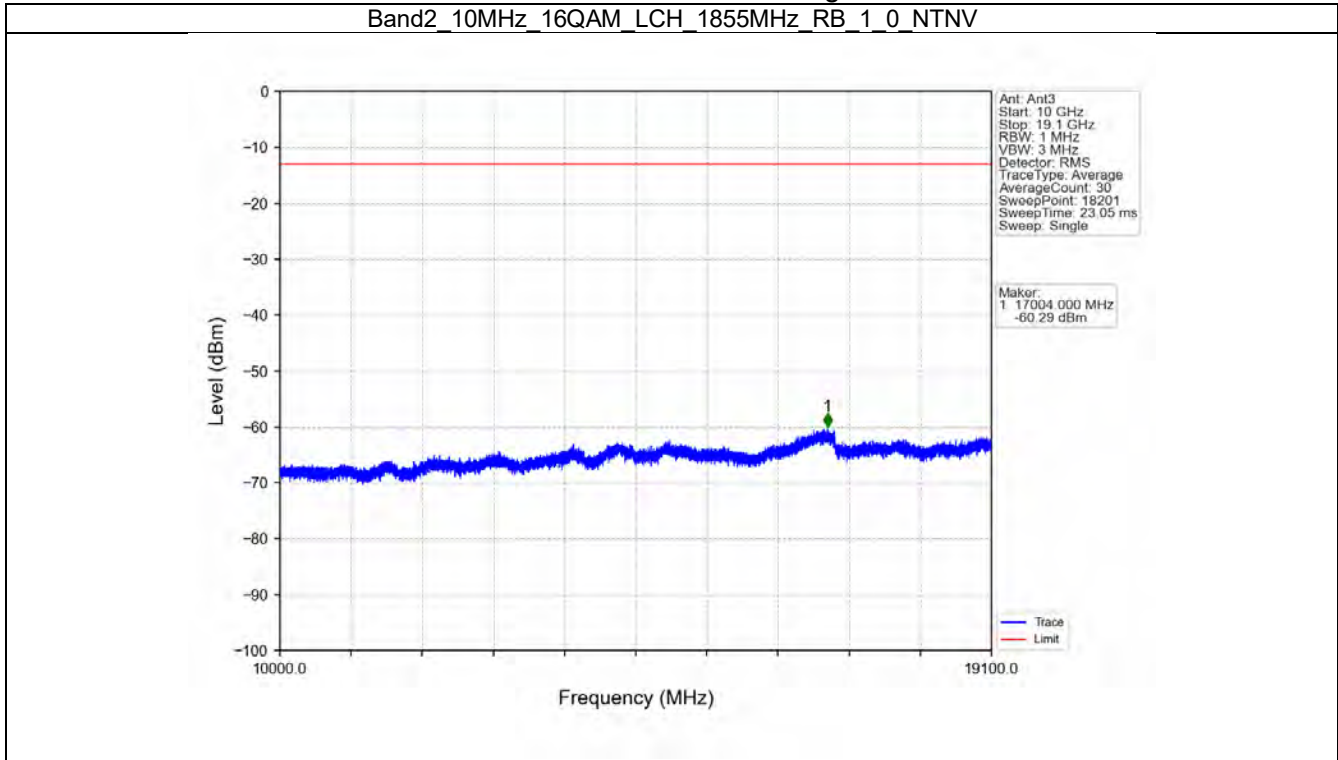


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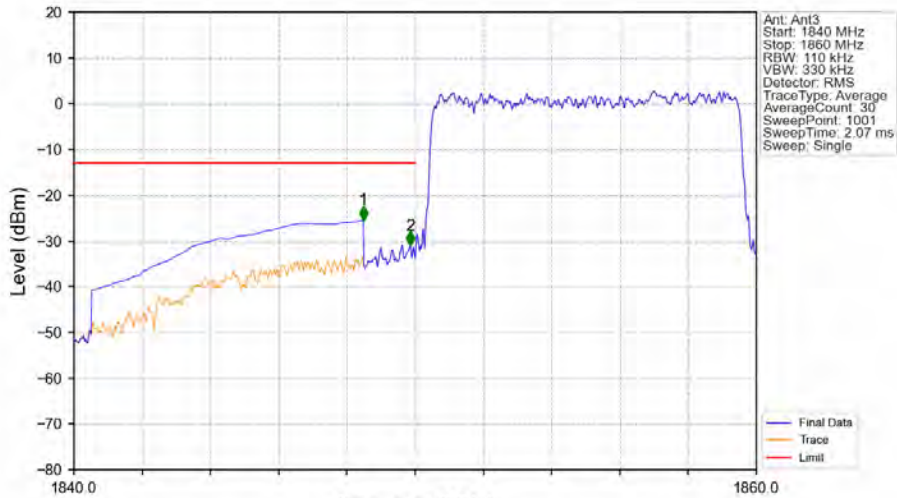


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Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.480	-25.41	-13	Pass
1849	1850	0.11	/	2	1849.860	-30.92	-13	Pass
1850	1860	0.11	/	/	/	/	/	/



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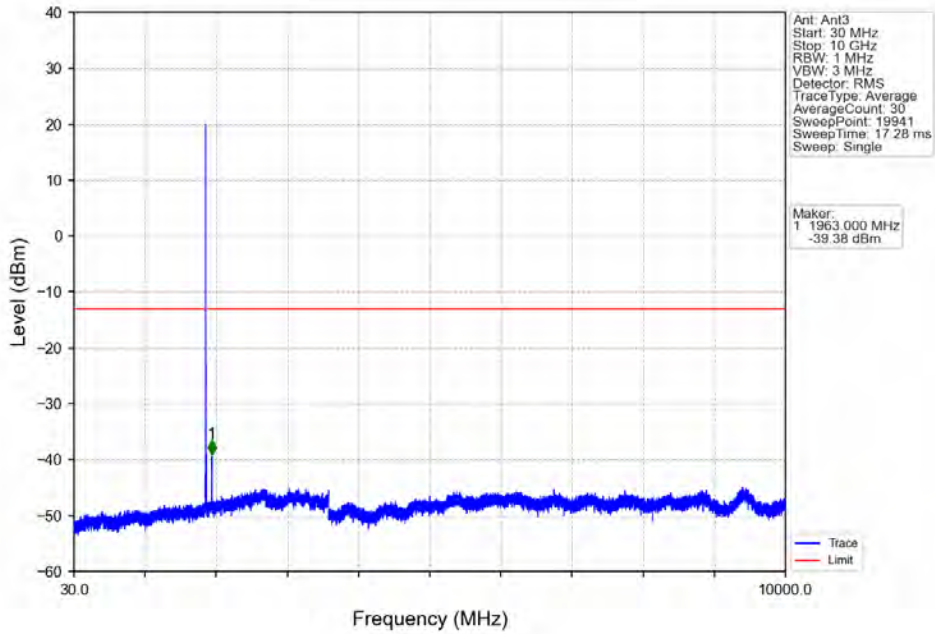
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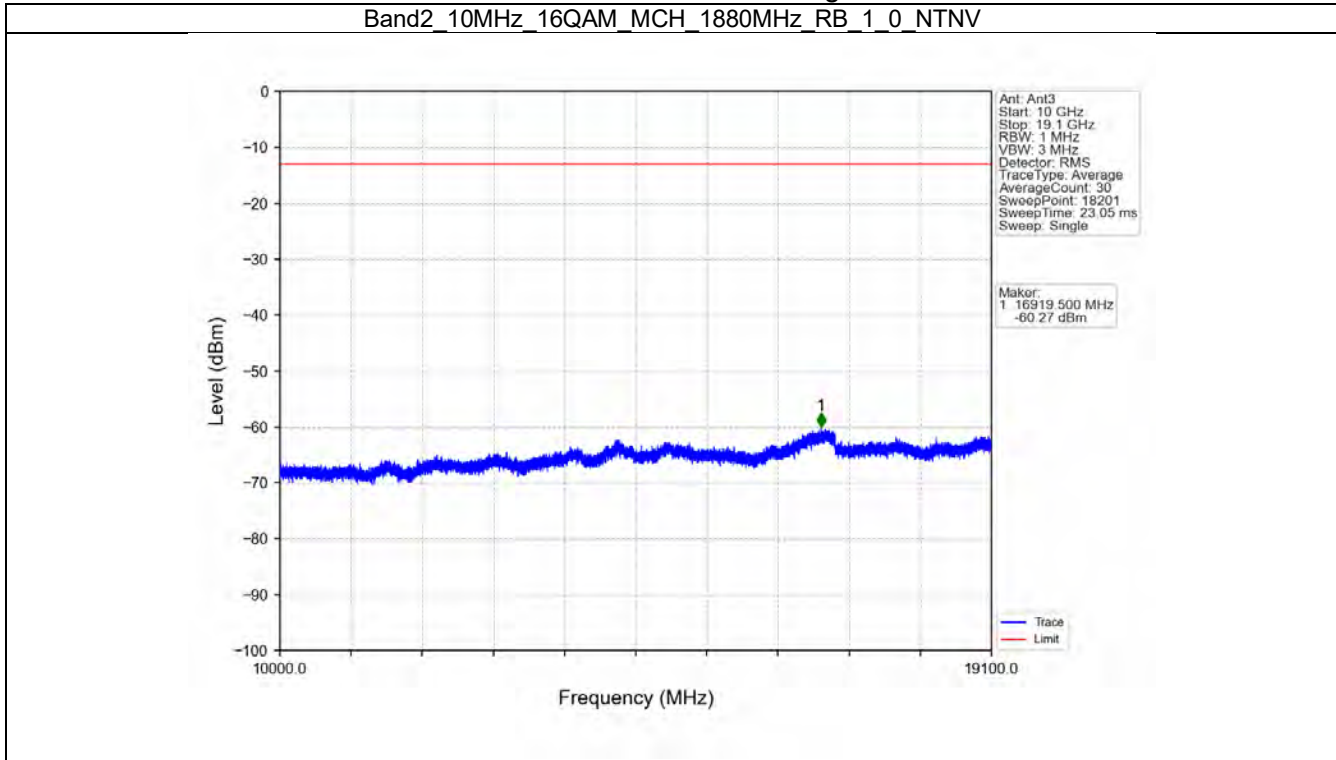
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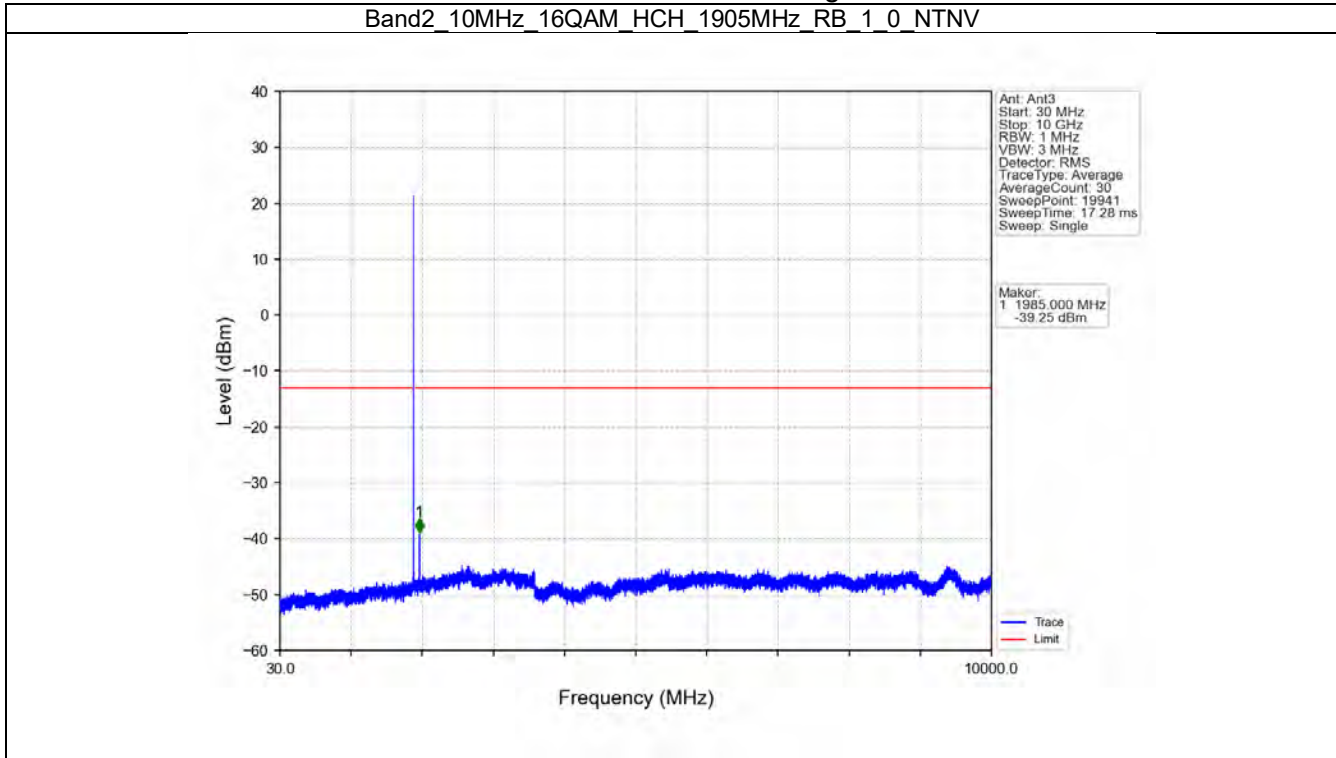
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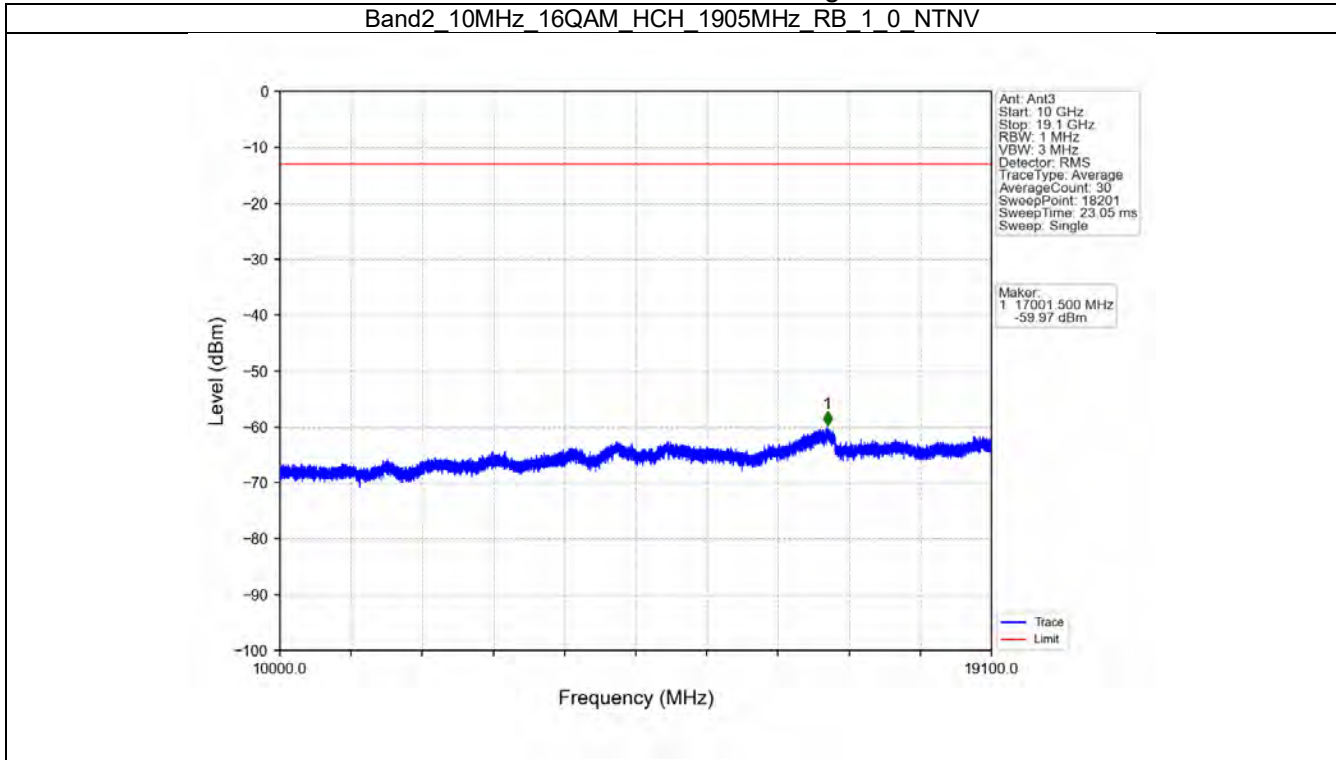
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Band2_10MHz_16QAM_HCH_1905MHz_RB_1_0_NTNV



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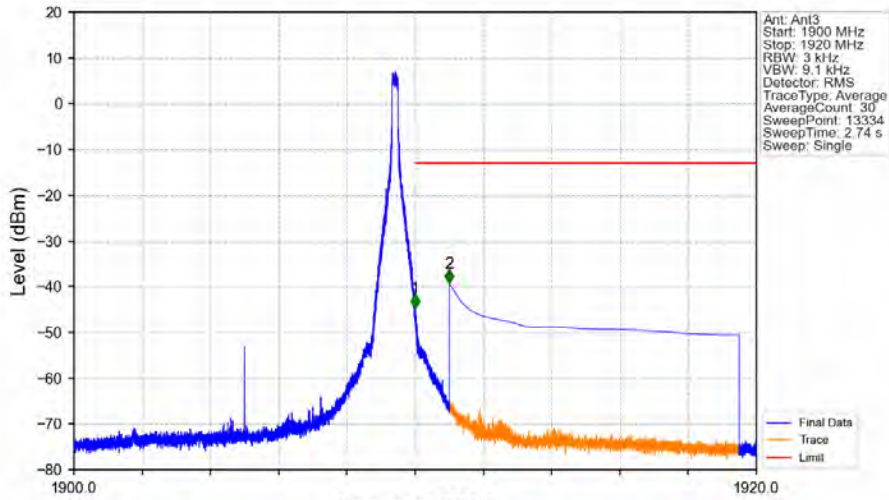
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Band2_10MHz_16QAM_HCH_1905MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.003	/	1	1910.001	-44.78	-13	Pass
1910	1911	0.003	/	1	1910.001	-44.78	-13	Pass
1911	1920	1	CHP	2	1911.001	-39.32	-13	Pass



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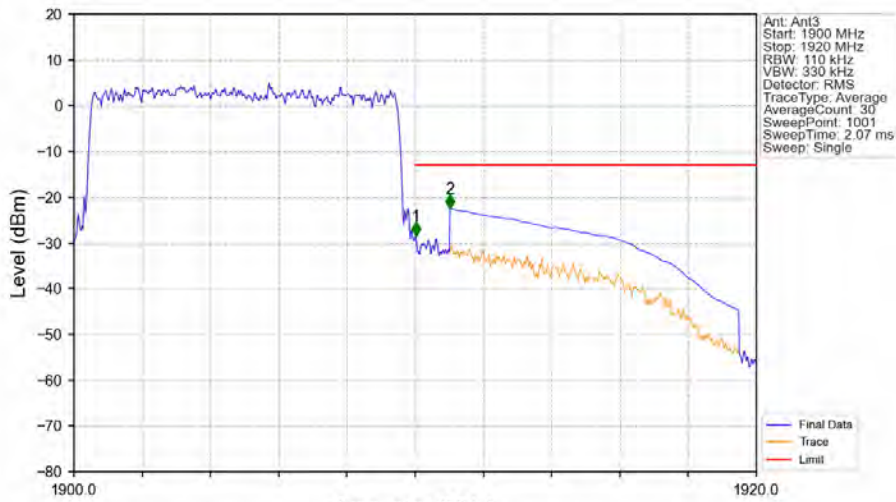
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Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.11	/	1	1910.020	-28.54	-13	Pass
1910	1911	0.11	/	2	1911.020	-22.50	-13	Pass
1911	1920	1	CHP					



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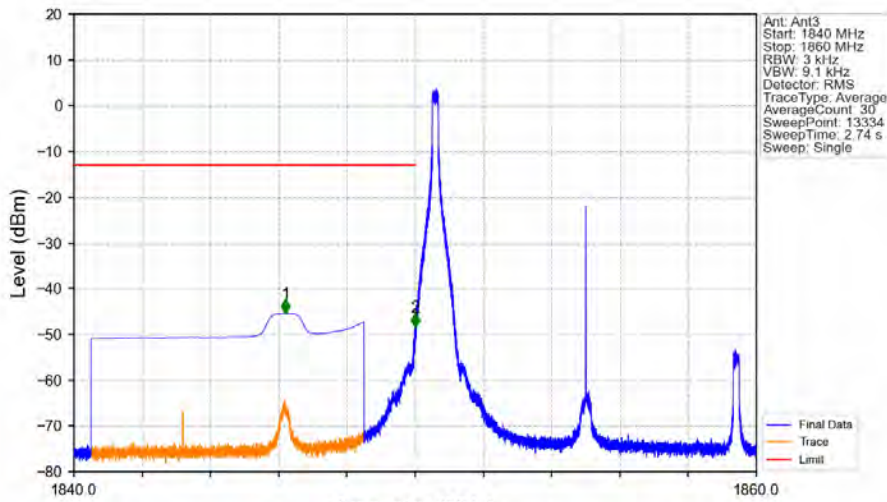
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Band2_10MHz_64QAM_LCH_1855MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1846.206	-45.45	-13	Pass
1849	1850	0.003	/	2	1849.998	-48.43	-13	Pass
1850	1860	0.003	/	/	/	/	/	/

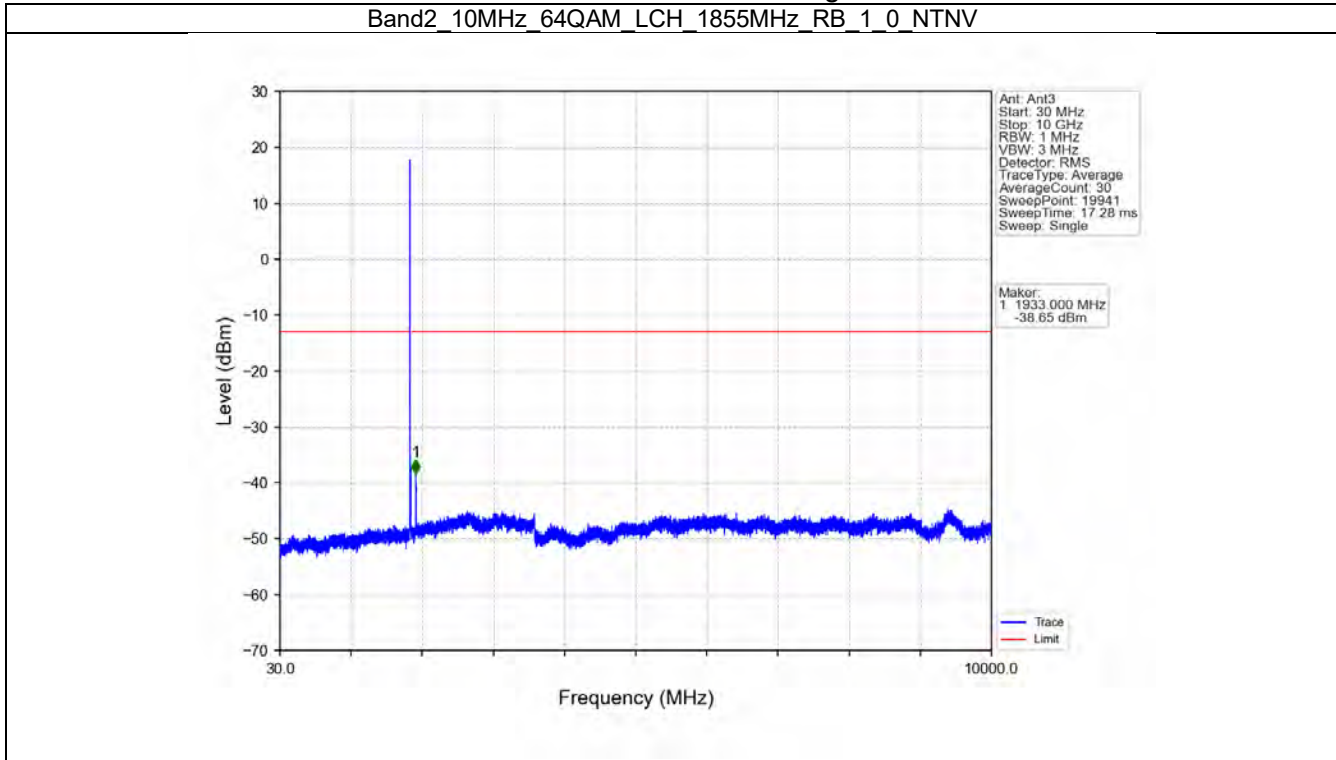


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Band2_10MHz_64QAM_LCH_1855MHz_RB_1_0_NTNV



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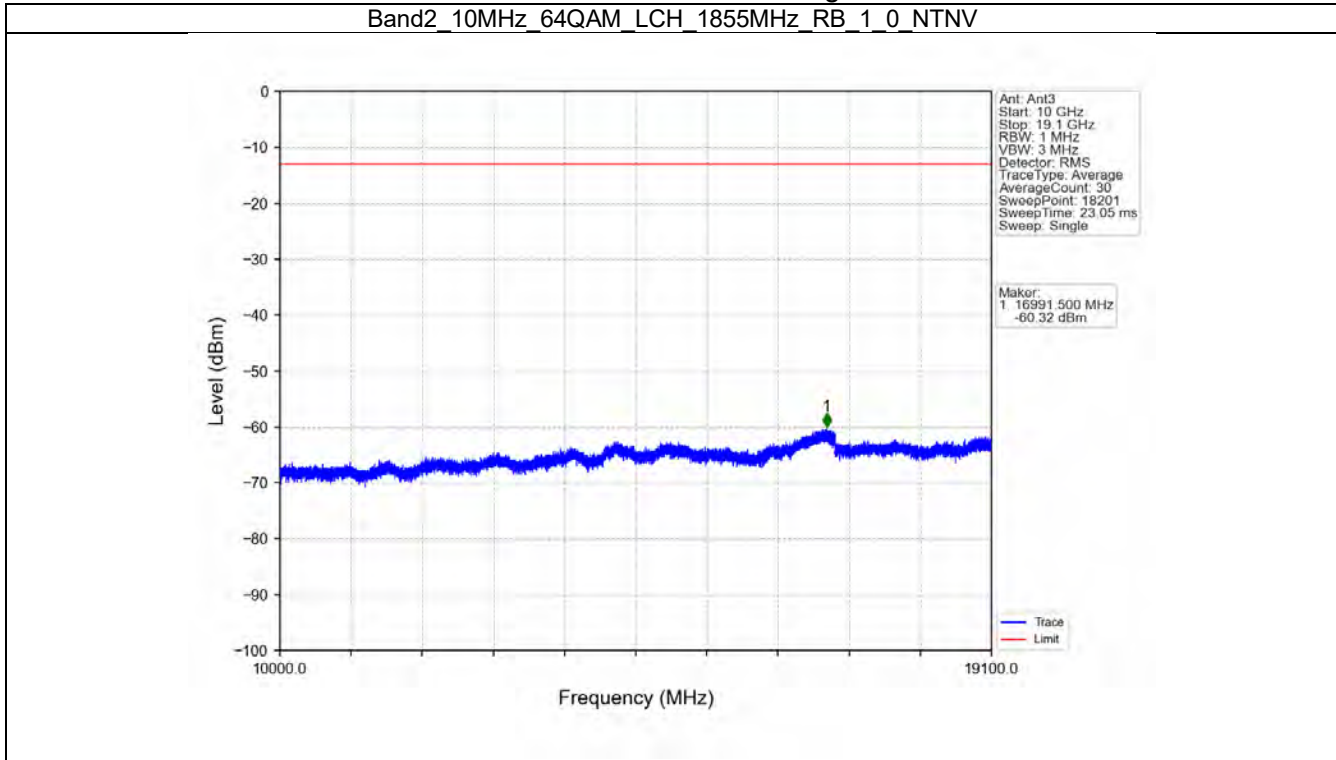
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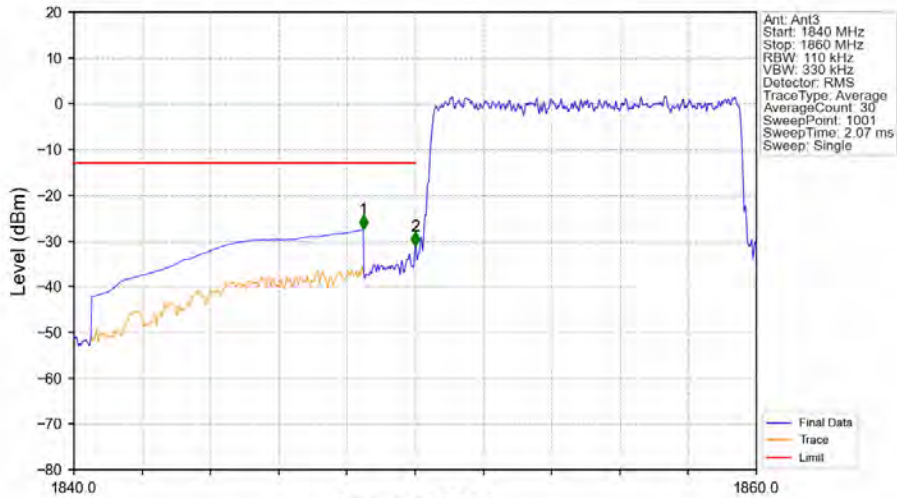
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Band2_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.480	-27.48	-13	Pass
1849	1850	0.11	/	2	1850.000	-31.14	-13	Pass
1850	1860	0.11	/	/	/	/	/	/

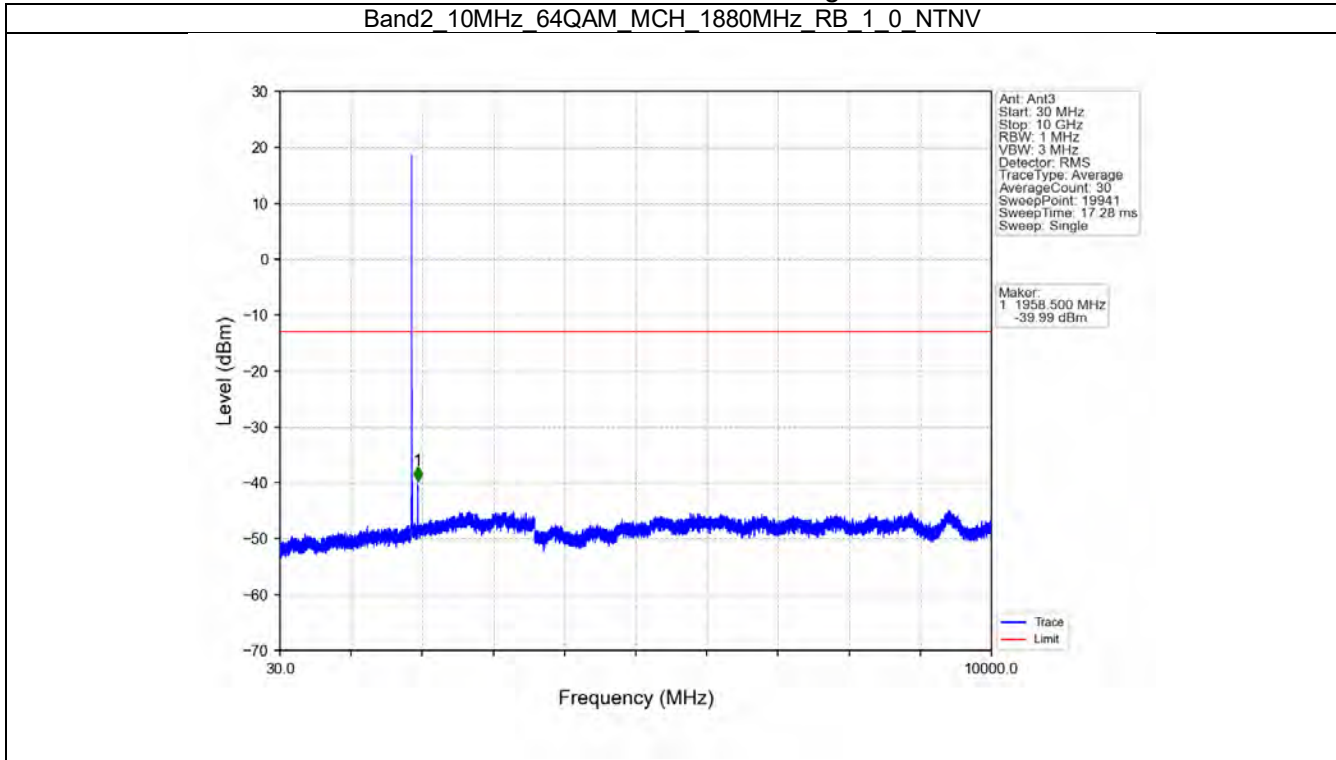


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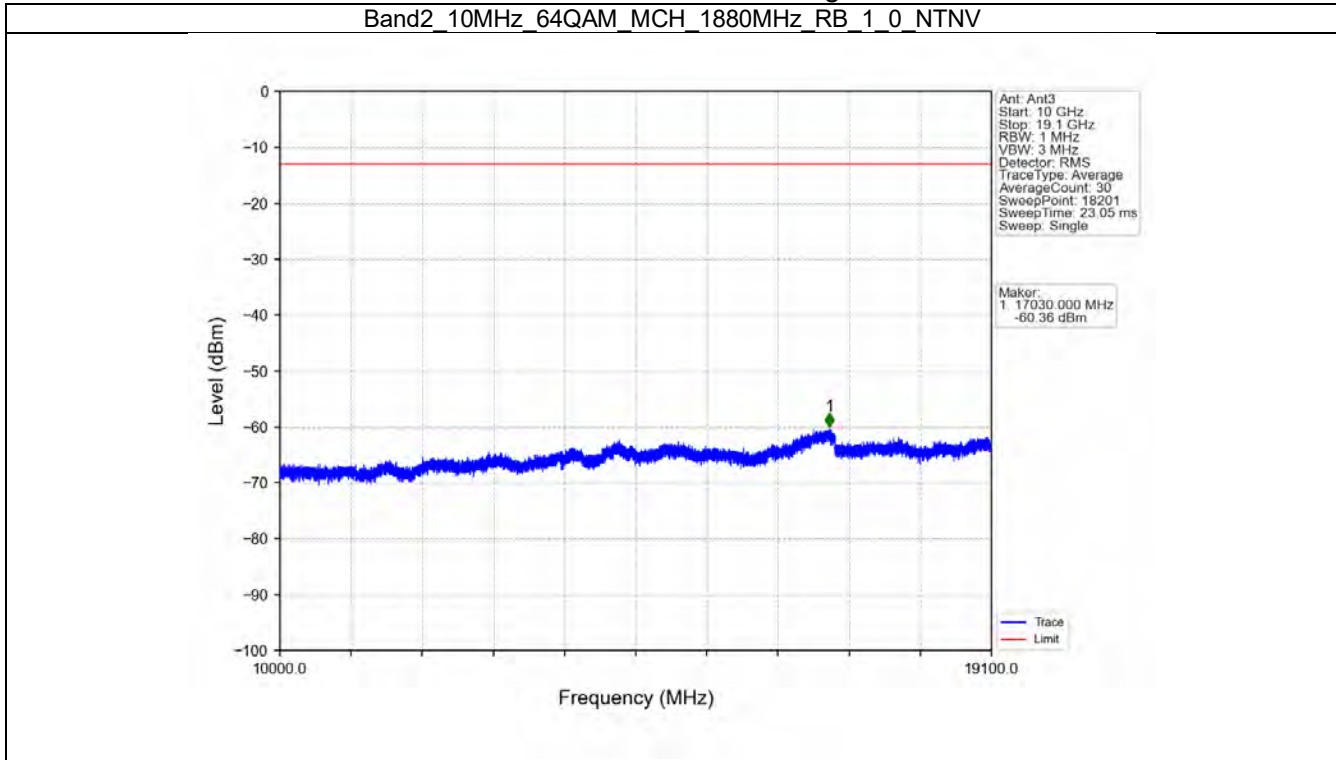
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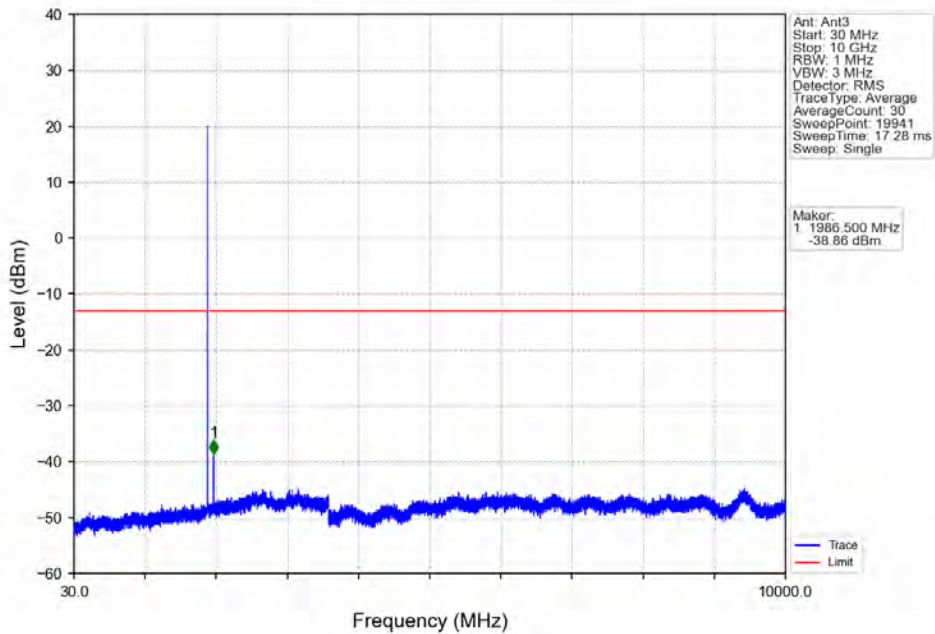


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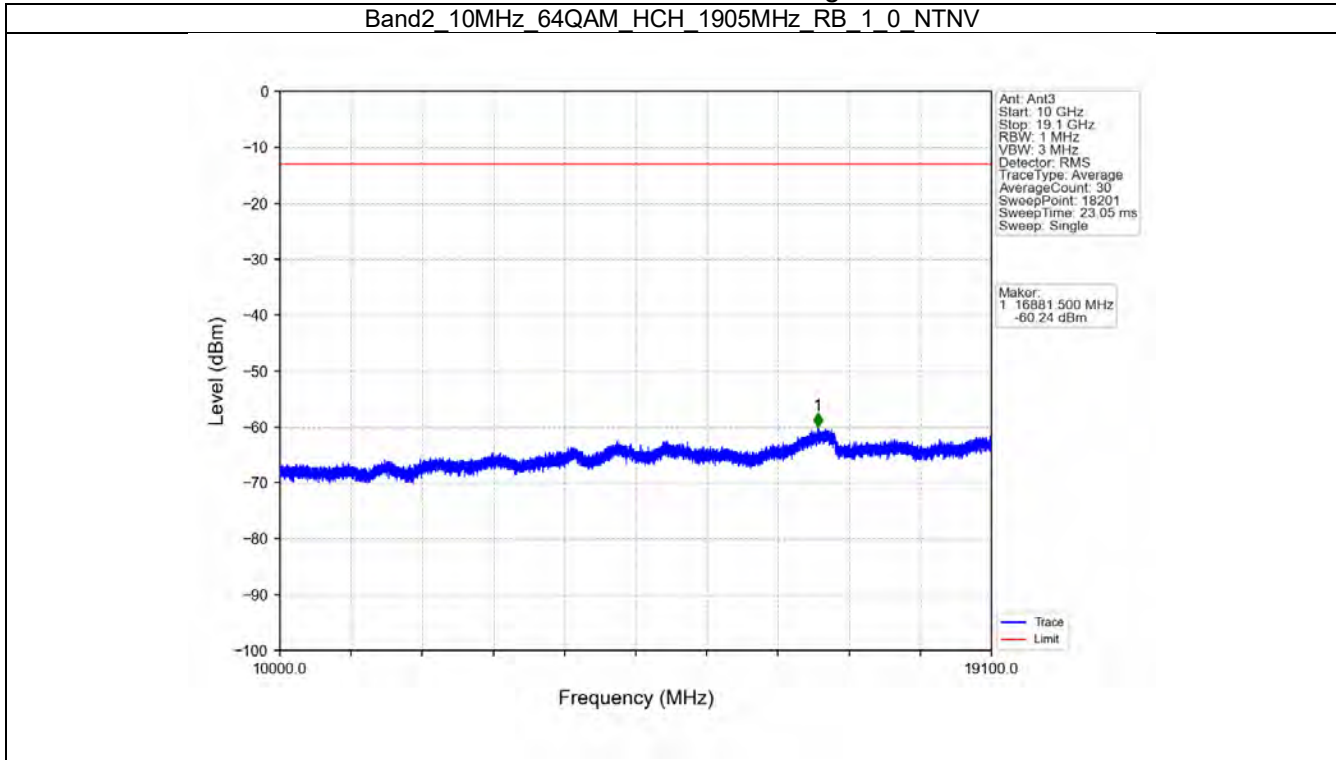


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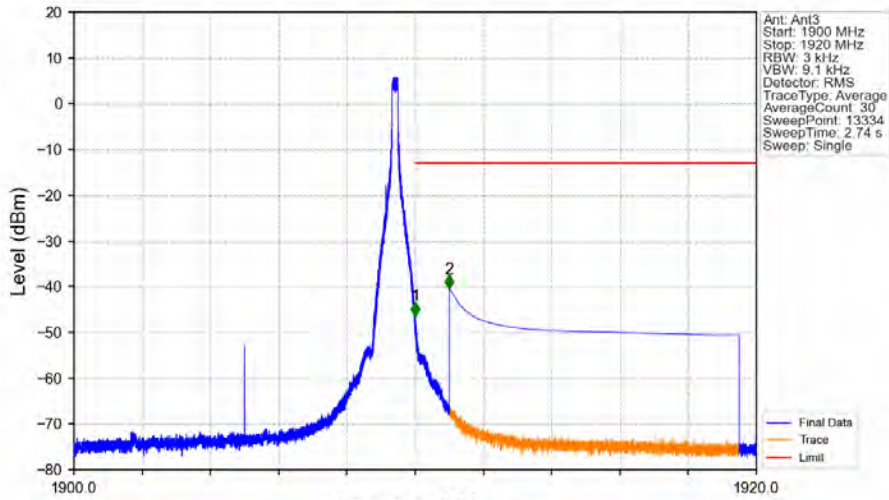
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Band2_10MHz_64QAM_HCH_1905MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.003	/	1	1910.004	-46.40	-13	Pass
1910	1911	0.003	/	2	1911.001	-40.45	-13	Pass
1911	1920	1	CHP					



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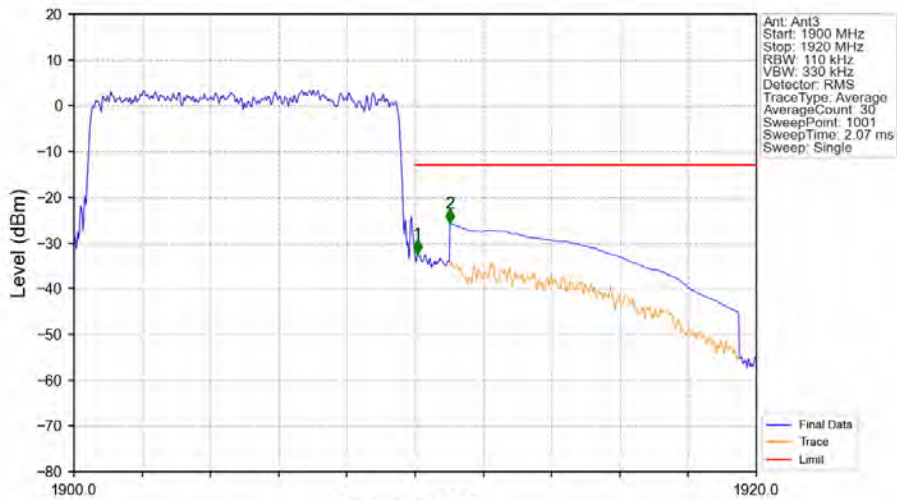
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.11	/	/	/	/	/	/
1910	1911	0.11	/	1	1910.060	-32.42	-13	Pass
1911	1920	1	CHP	2	1911.020	-25.73	-13	Pass



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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
	1902.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1857.5	1	0	Refer To Test Graph		Pass
		75	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
			0	Refer To Test Graph		Pass
64QAM	1857.5	1	0	Refer To Test Graph		Pass
		75	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
			0	Refer To Test Graph		Pass

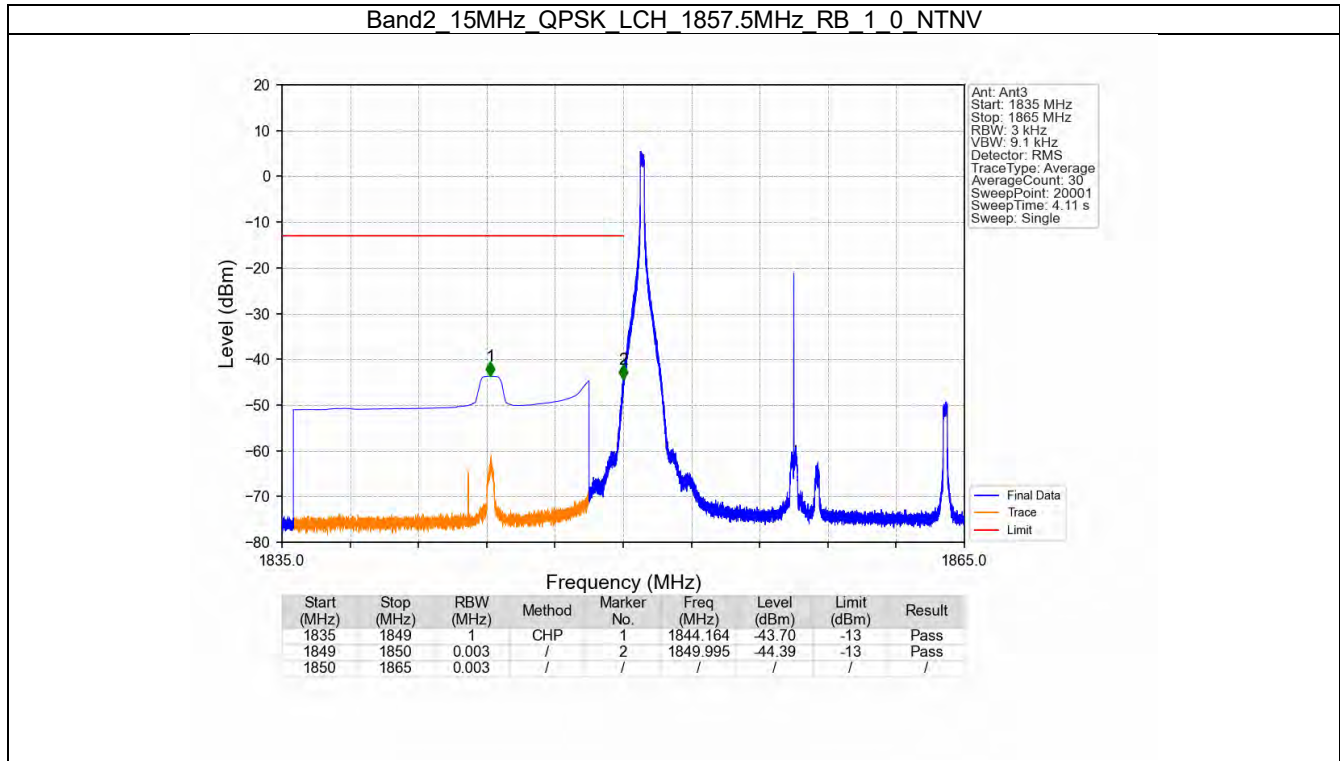


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5.5.2 Test Graph

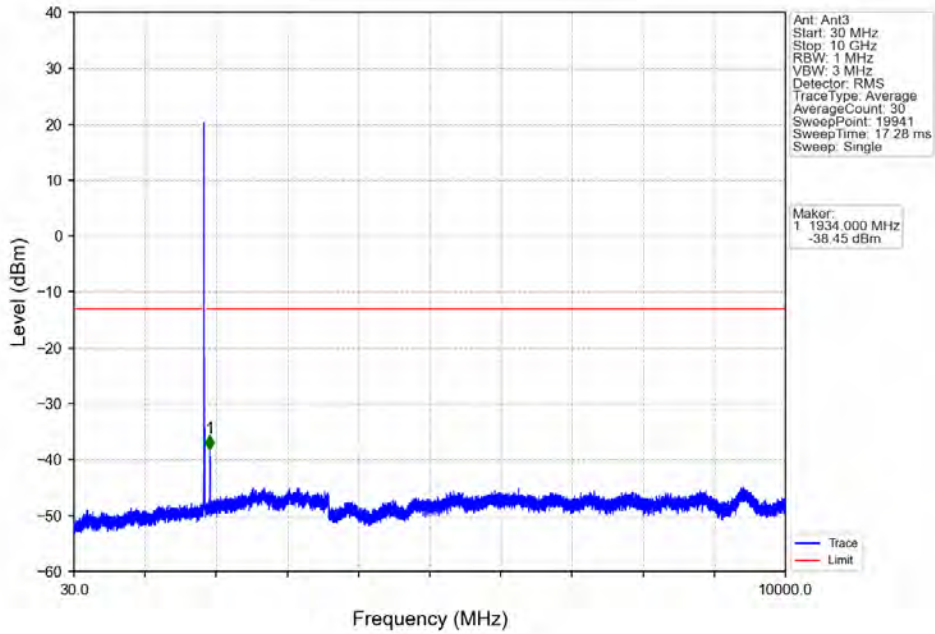


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Band2_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV

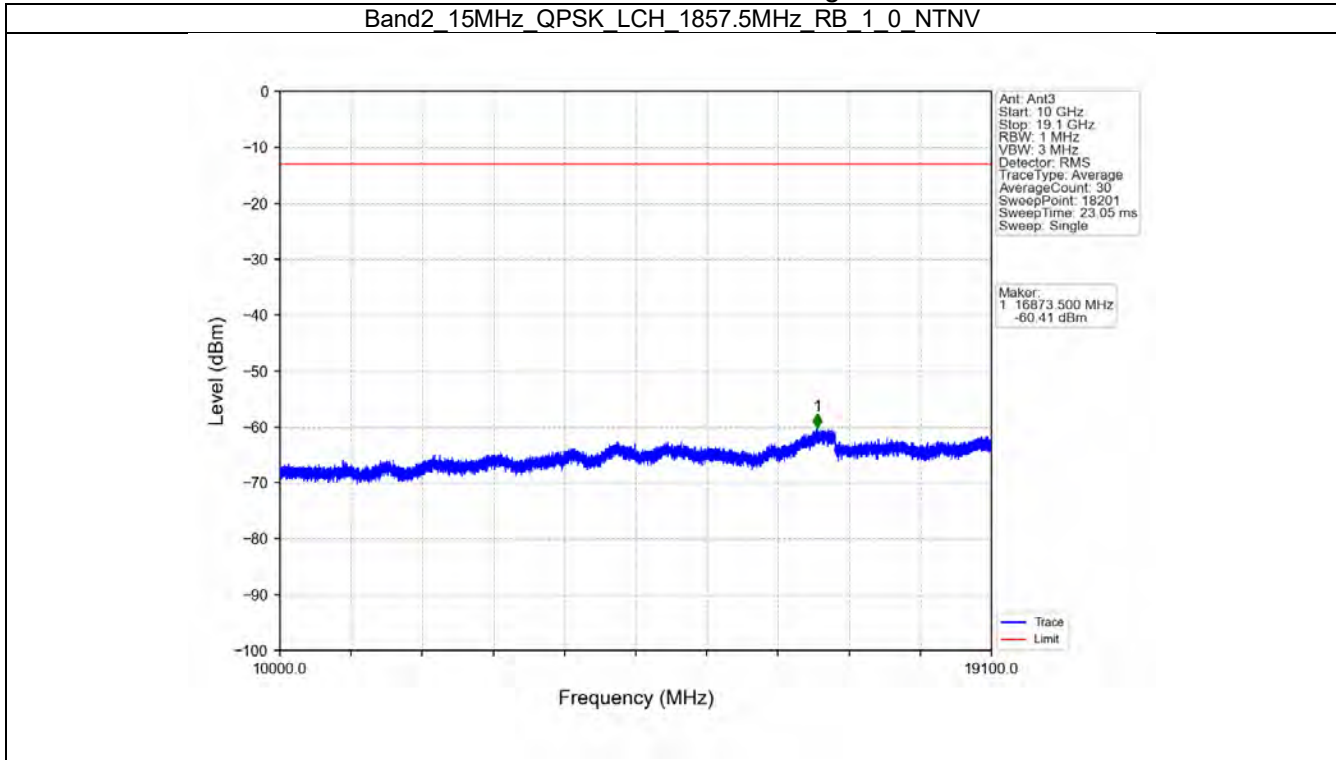


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Band2_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV



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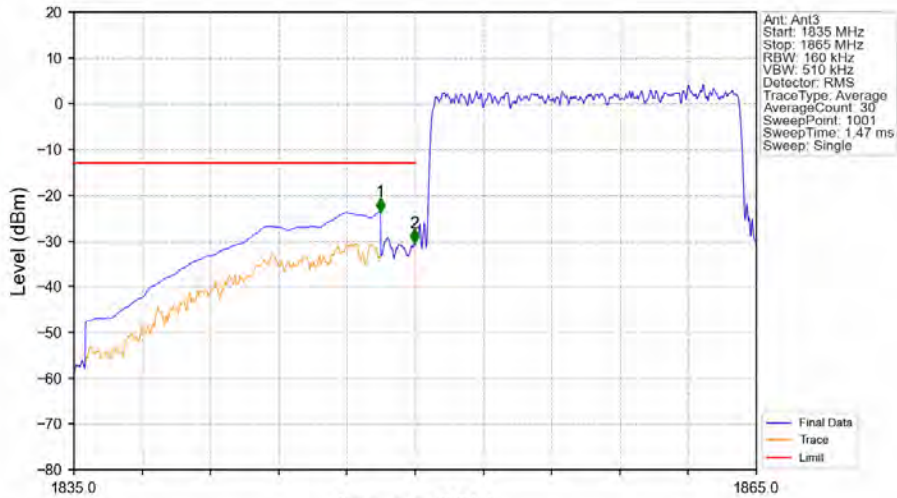
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Report No.: SEWM2311000454RG01

Rev.: 01

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Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.470	-23.67	-13	Pass
1849	1850	0.16	/	2	1849.970	-30.51	-13	Pass
1850	1865	0.16	/	/	/	/	/	/

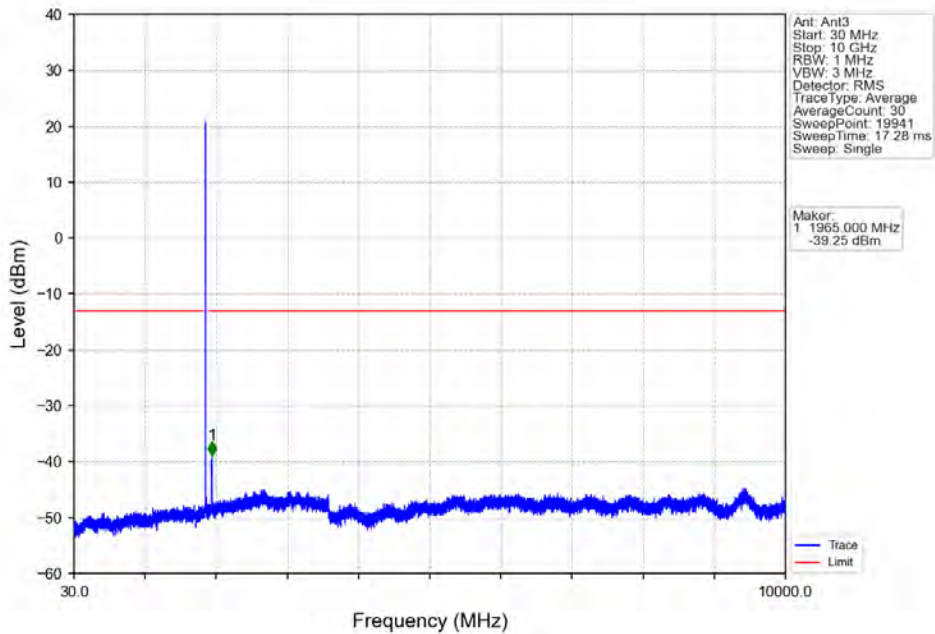


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Band2_15MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV

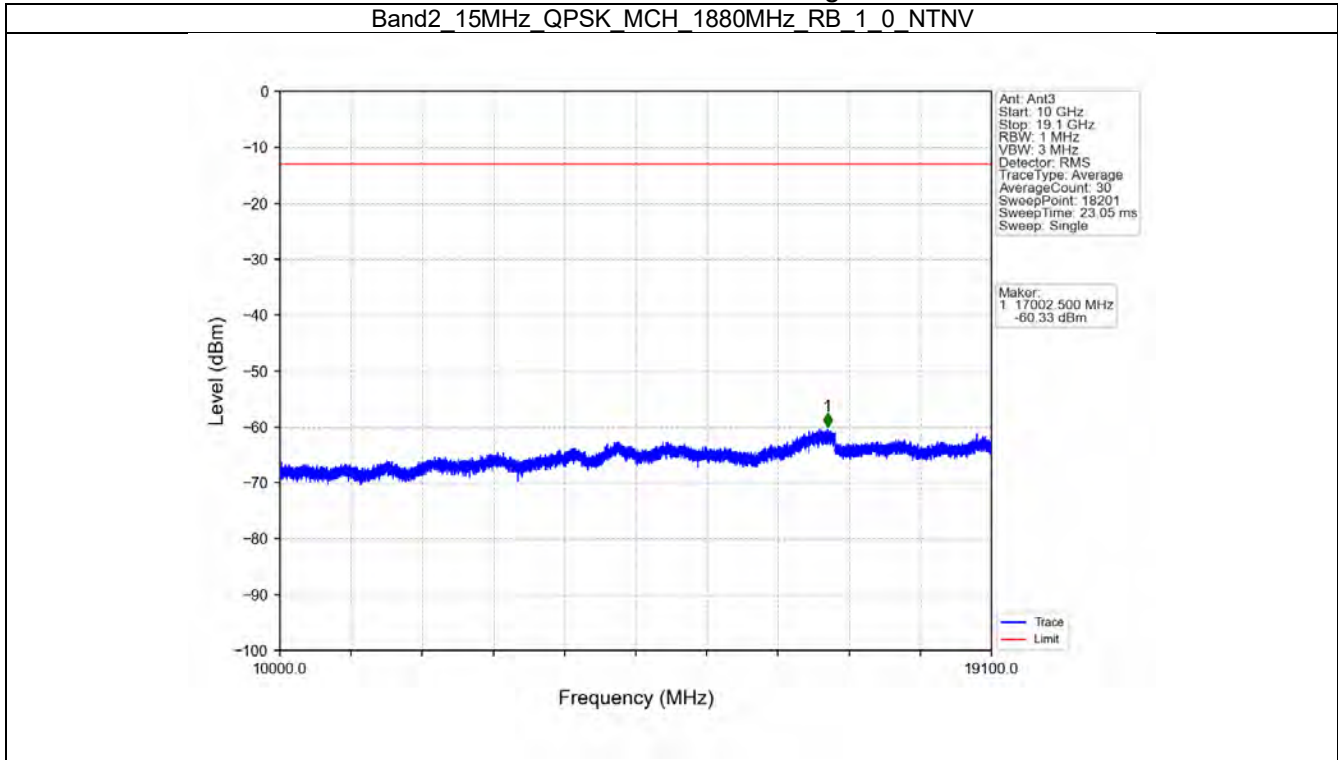


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Band2_15MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV

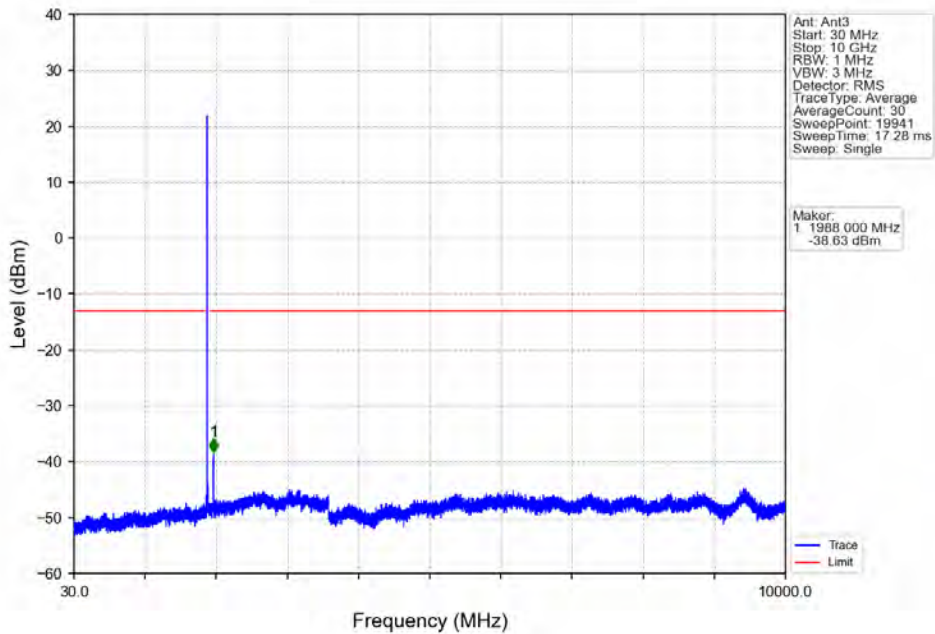


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Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_0_NTNV



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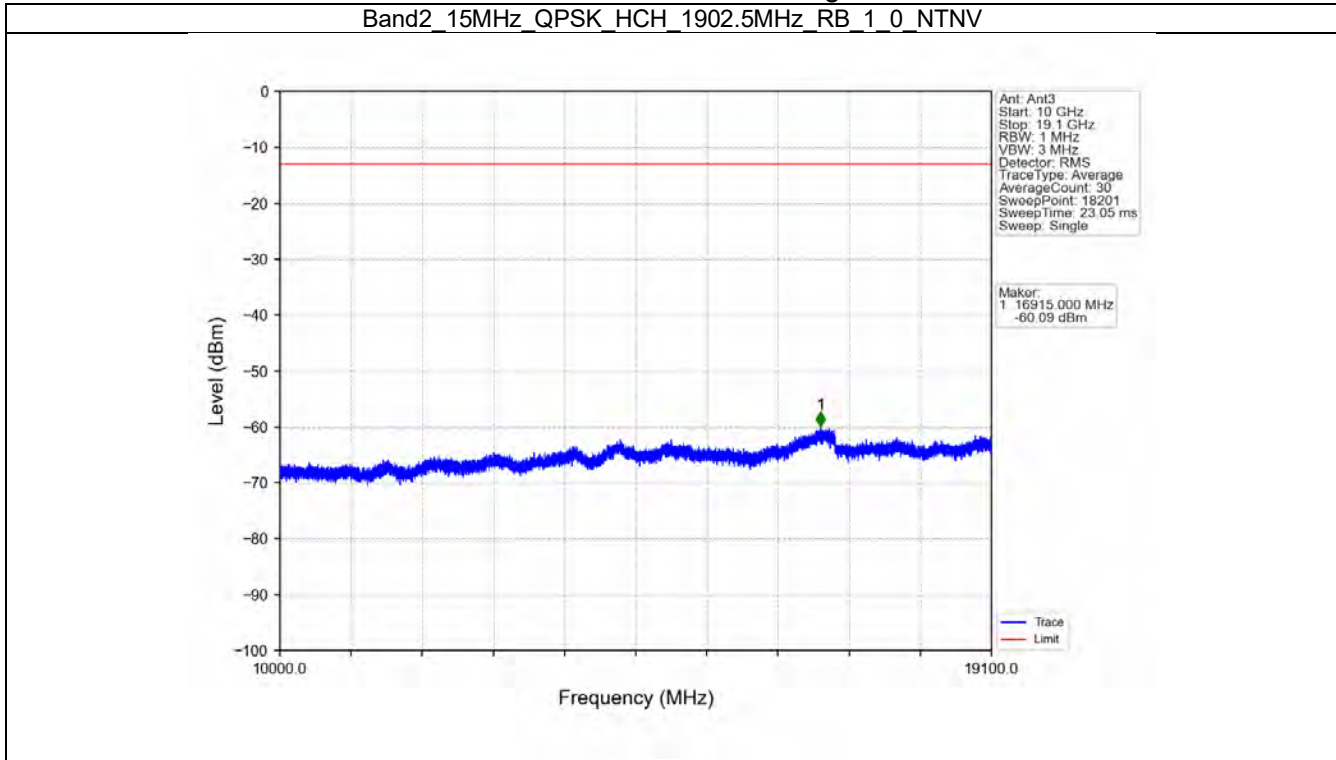
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Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_0_NTNV



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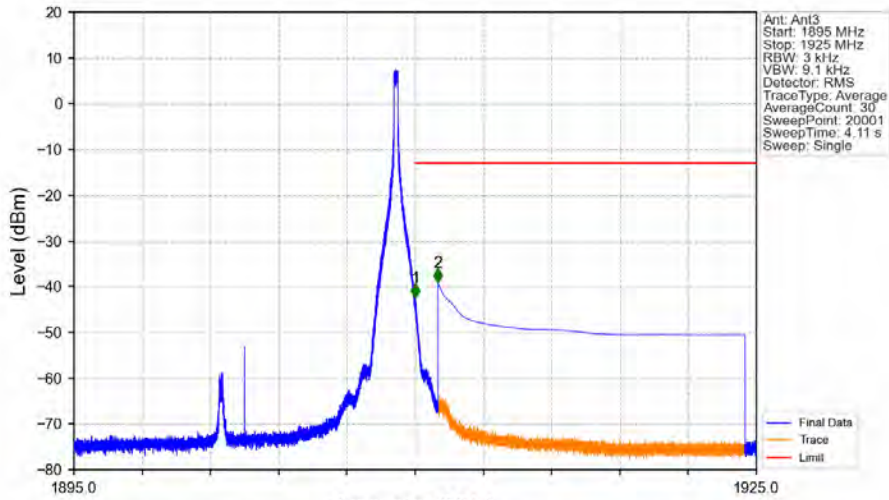
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Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	1	1910.003	-42.44	-13	Pass
1910	1911	0.003	/	2	1911.001	-39.14	-13	Pass
1911	1925	1	CHP					



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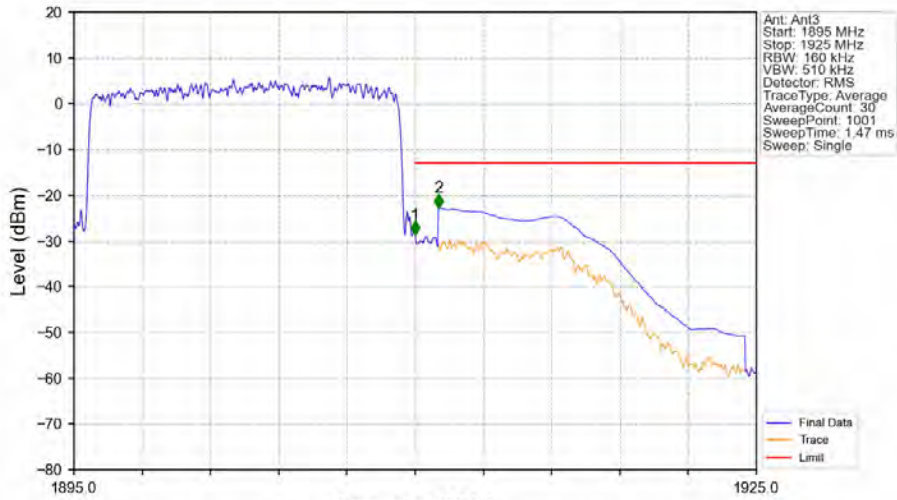
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Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.16	/	1	1910.000	-28.73	-13	Pass
1910	1911	0.16	/	2	1911.020	-22.77	-13	Pass
1911	1925	1	CHP					



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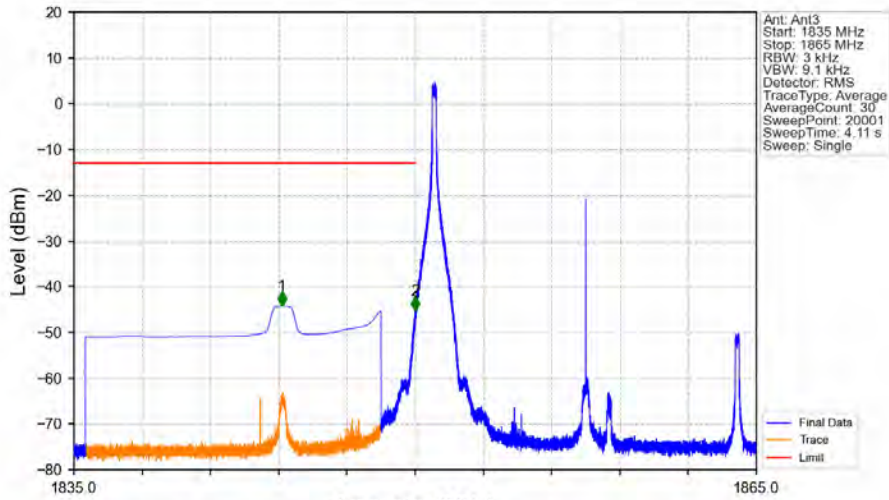
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Band2_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1844.149	-44.25	-13	Pass
1849	1850	0.003	/	2	1849.995	-45.26	-13	Pass
1850	1865	0.003	/	/	/	/	/	/



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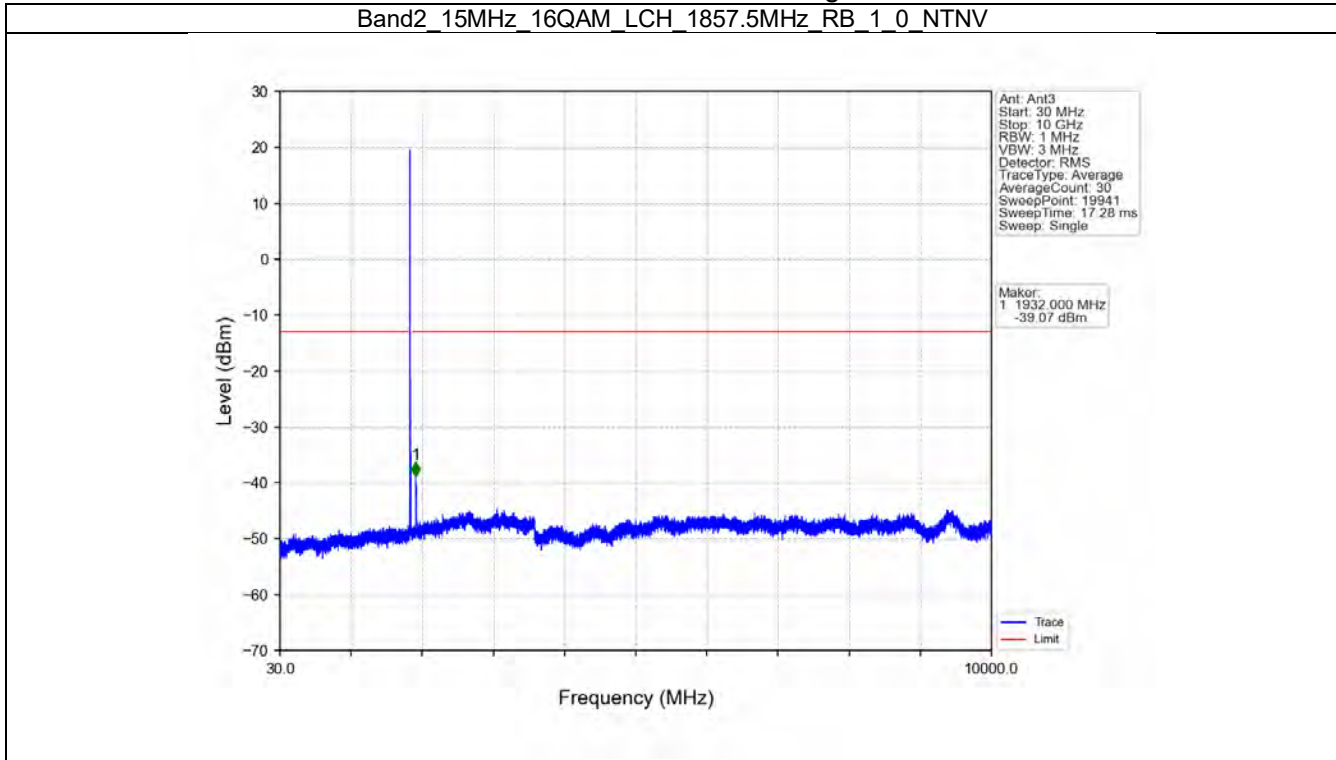
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Band2_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV

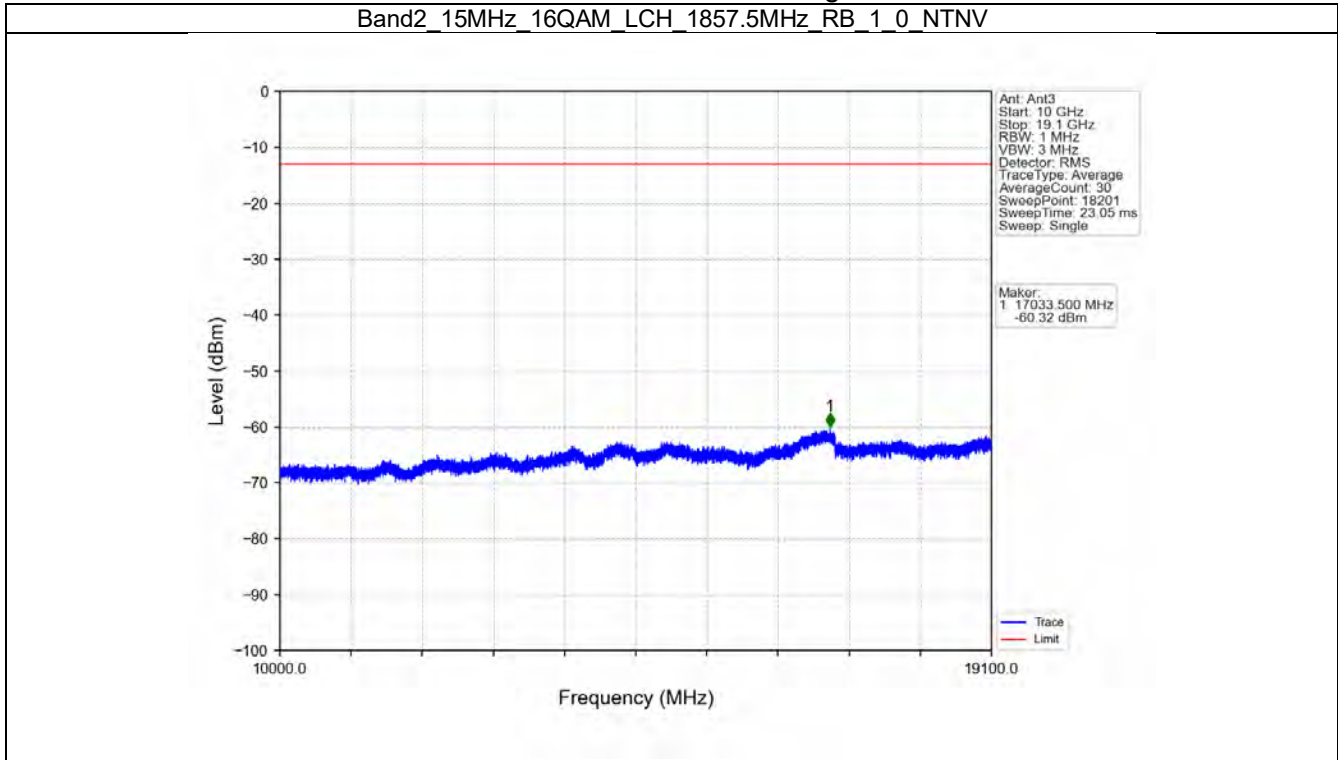


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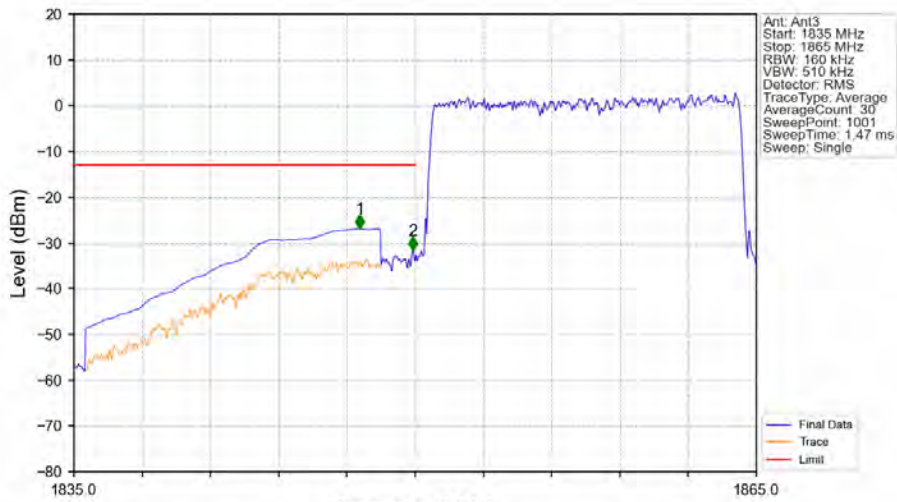
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Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1847.570	-26.89	-13	Pass
1849	1850	0.16	/	2	1849.910	-31.67	-13	Pass
1850	1865	0.16	/	/	/	/	/	/

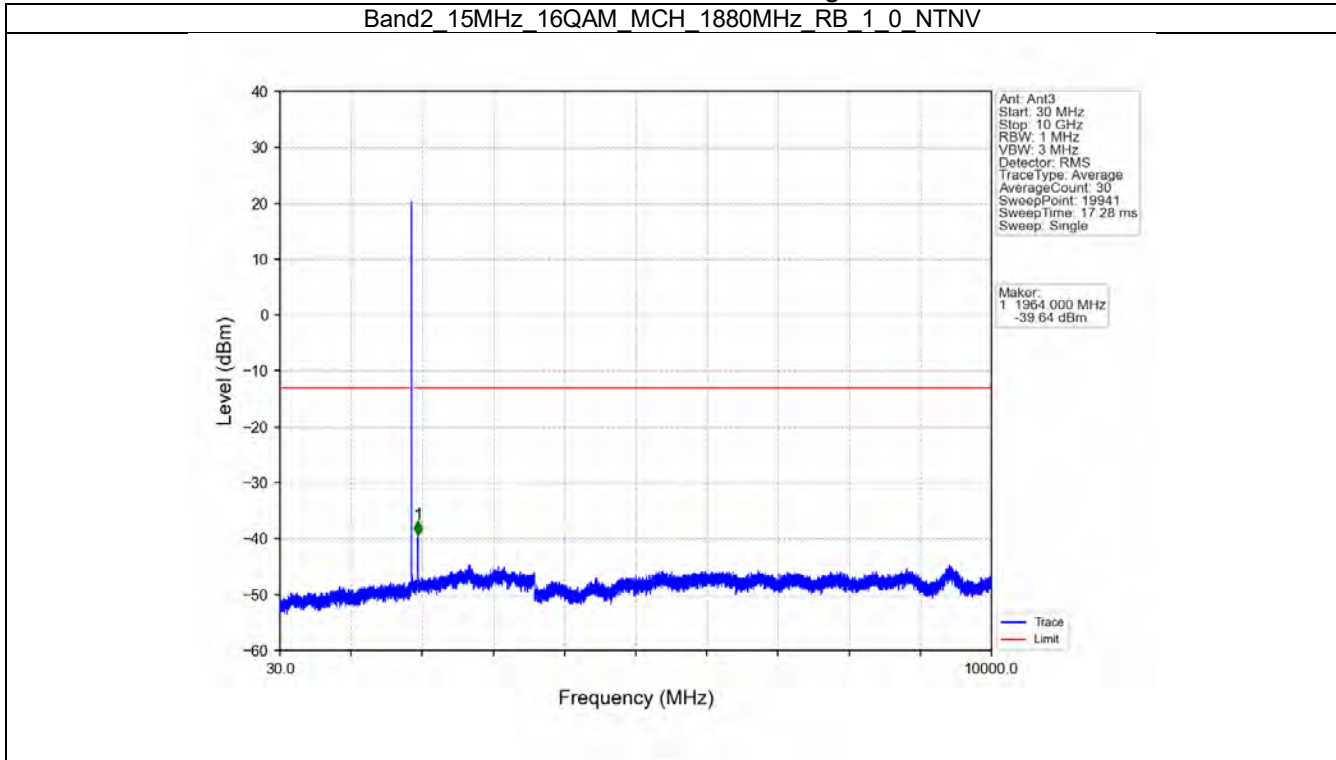


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Band2_15MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



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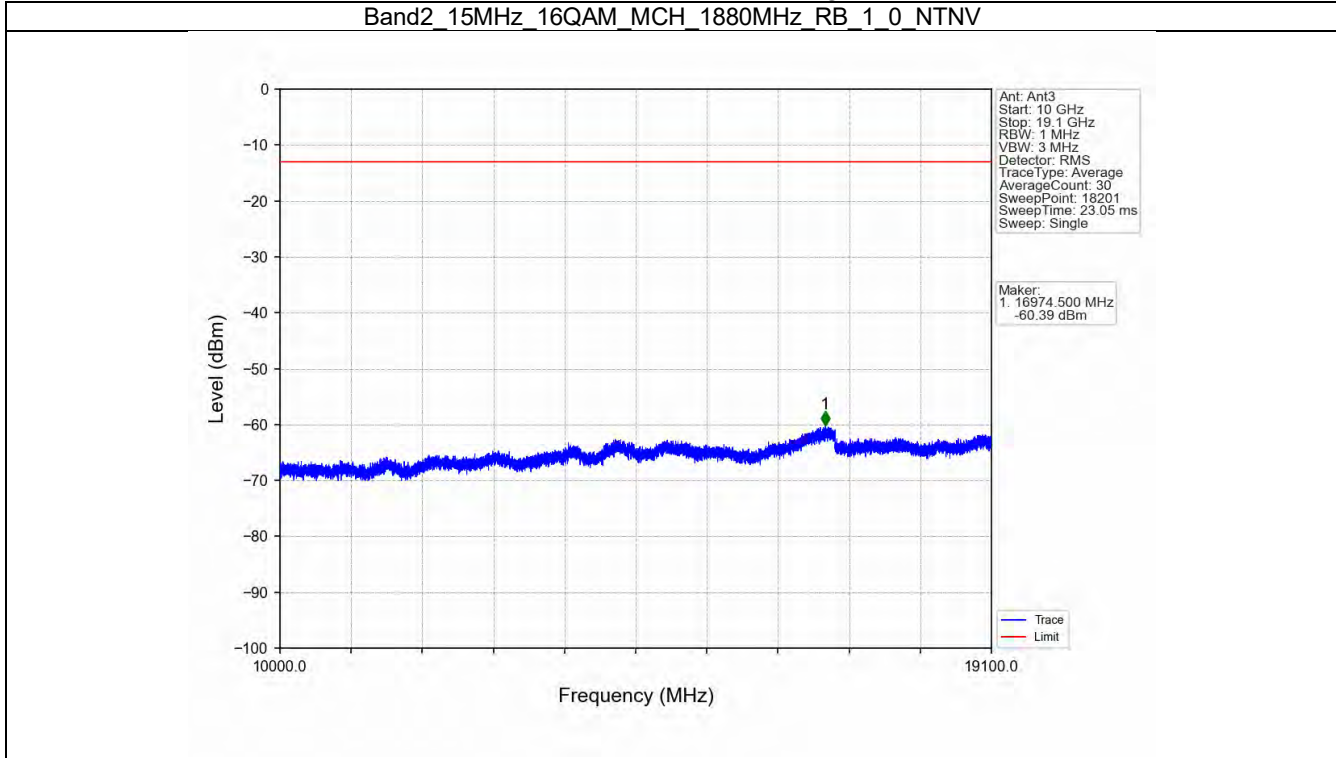
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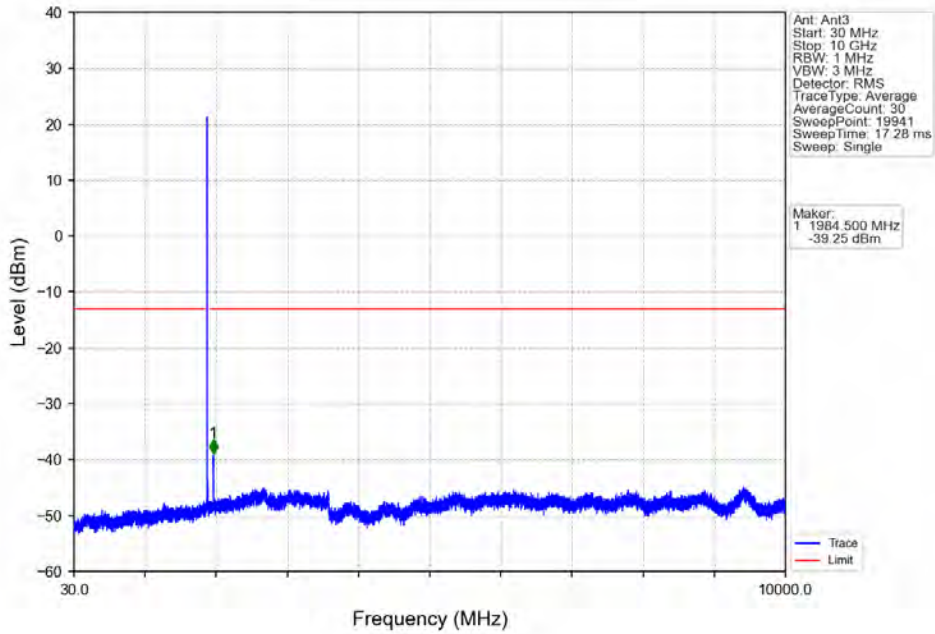


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Band2_15MHz_16QAM_HCH_1902.5MHz_RB_1_0_NTNV

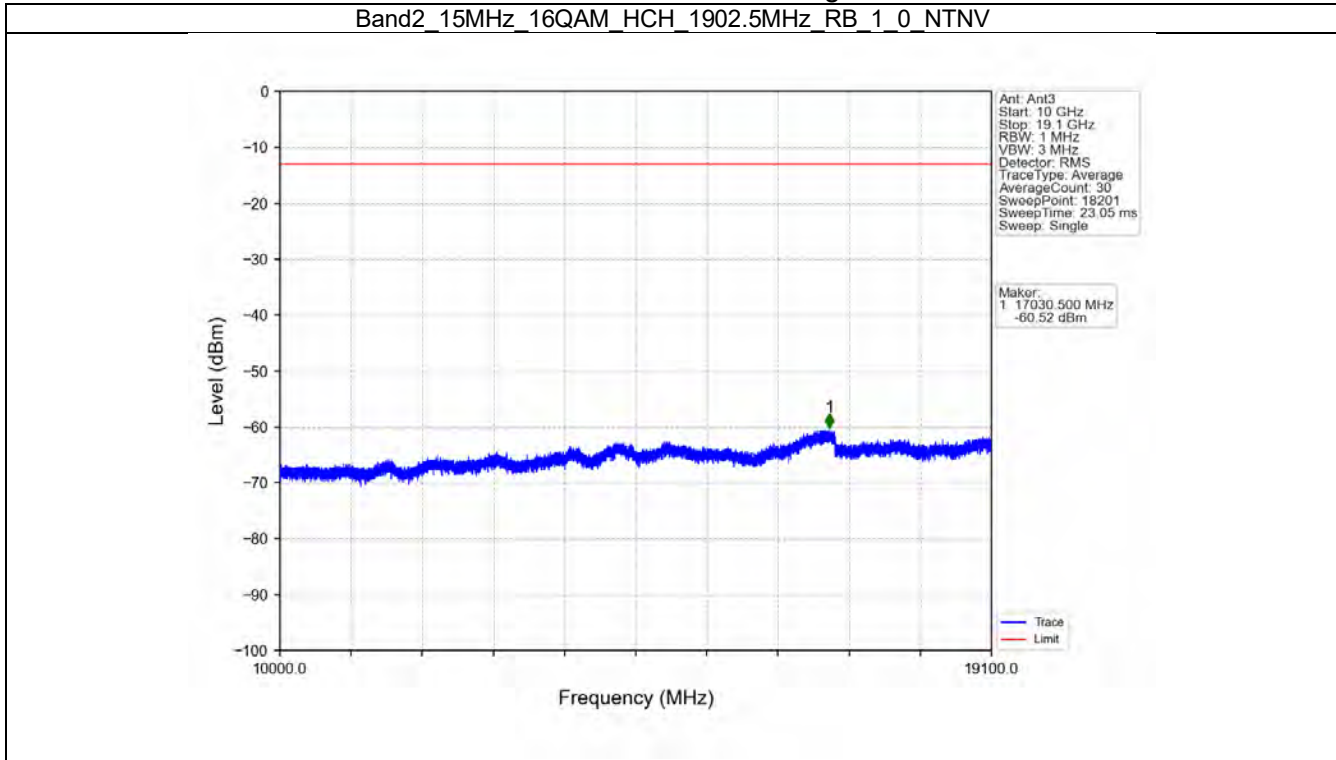


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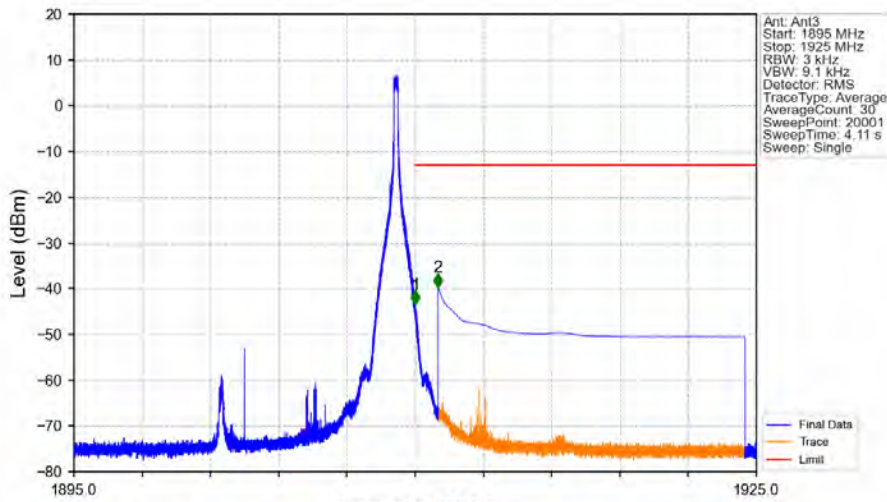
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Band2 15MHz 16QAM HCH 1902.5MHz RB 1 74 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	1	1910.015	-43.50	-13	Pass
1910	1911	0.003	/	1	1910.015	-43.50	-13	Pass
1911	1925	1	CHP	2	1911.001	-39.70	-13	Pass



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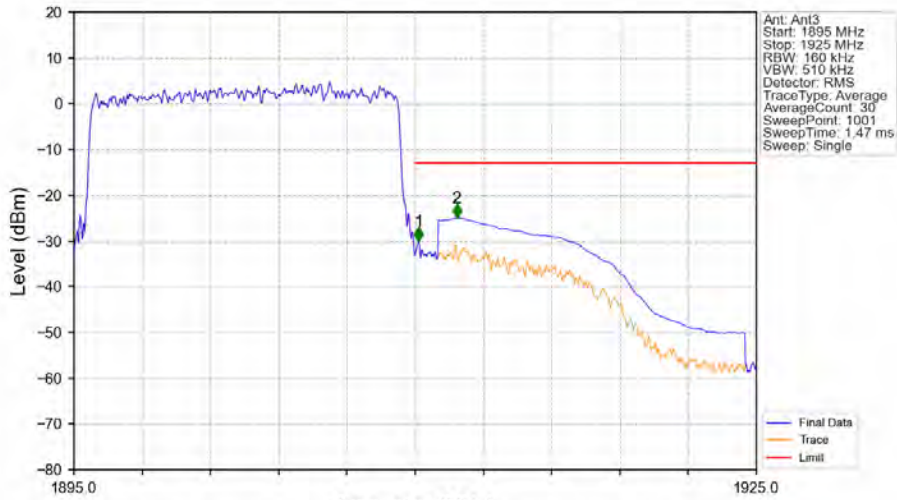
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Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.16	/	1	1910.150	-30.04	-13	Pass
1910	1911	0.16	/	2	1911.830	-25.00	-13	Pass
1911	1925	1	CHP					



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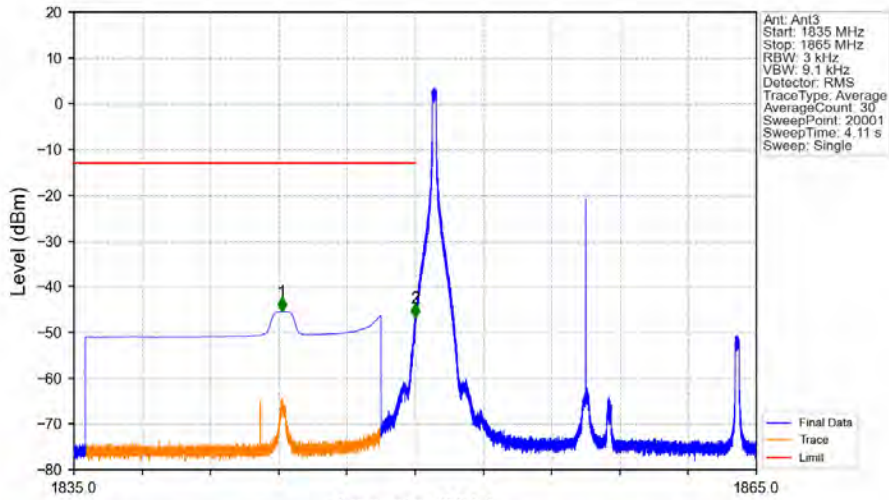
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Band2_15MHz_64QAM_LCH_1857.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1844.133	-45.48	-13	Pass
1849	1850	0.003	/	2	1849.995	-46.80	-13	Pass
1850	1865	0.003	/	/	/	/	/	/



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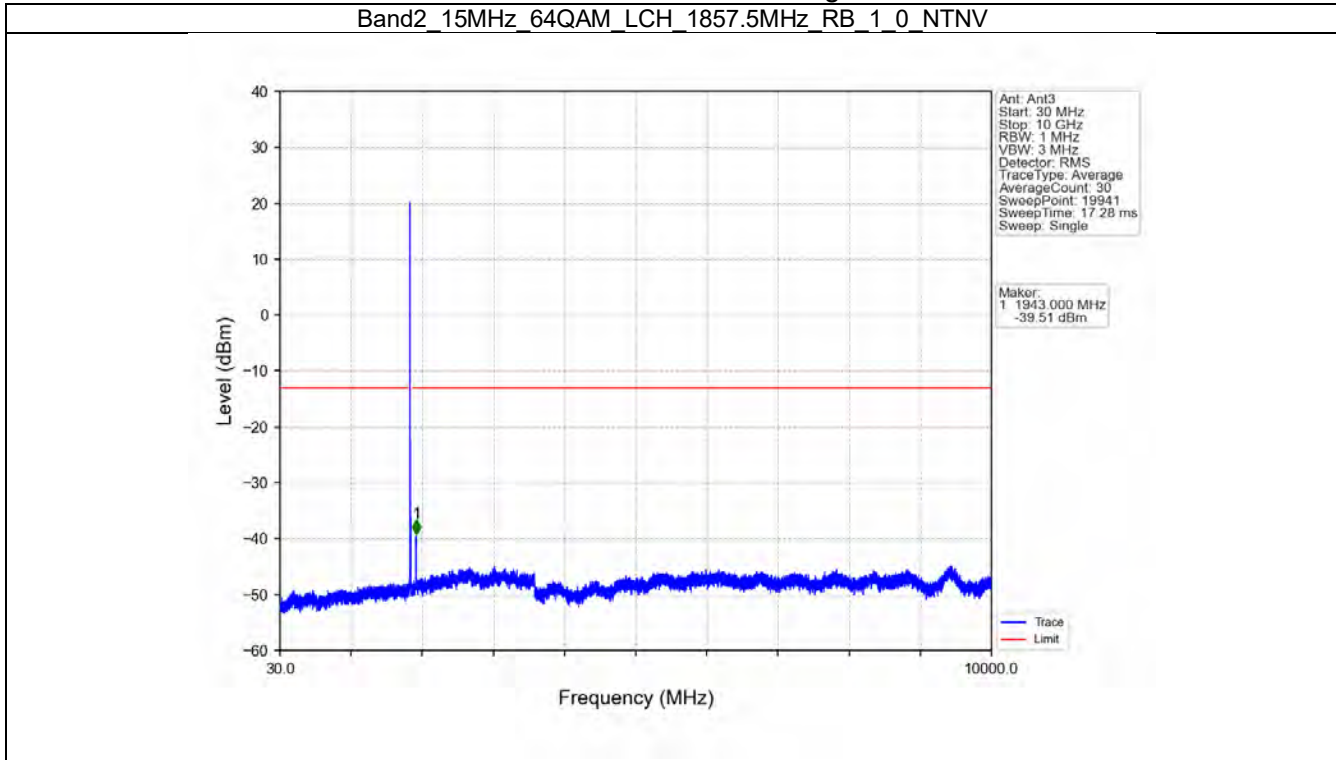
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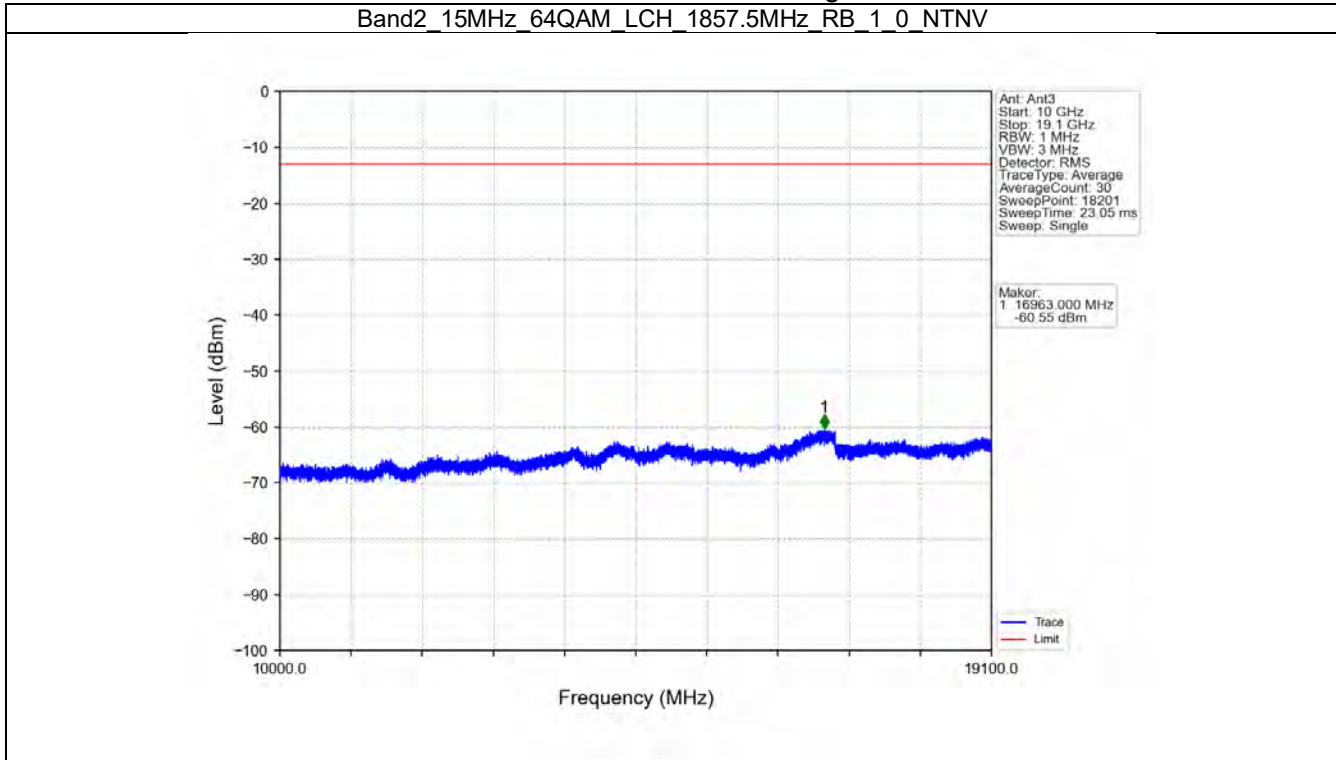


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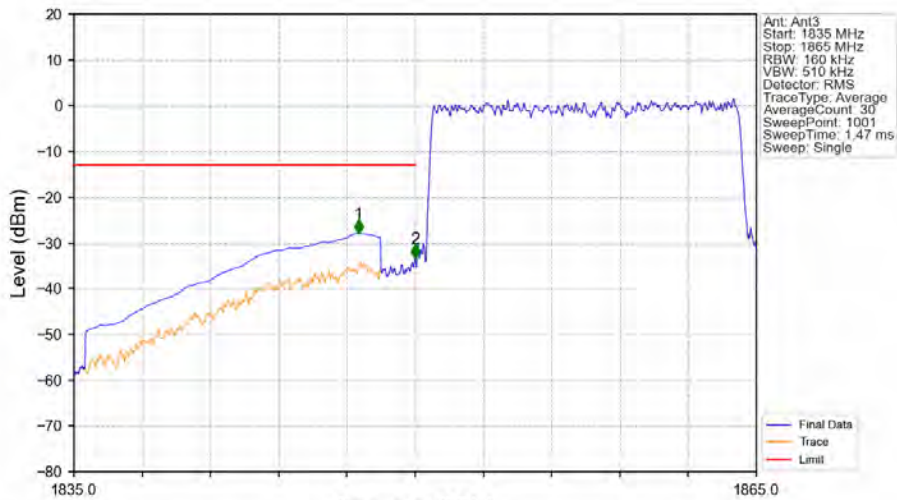
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Band2_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1847.510	-27.93	-13	Pass
1849	1850	0.16	/	2	1850.000	-33.45	-13	Pass
1850	1865	0.16	/	/	/	/	/	/



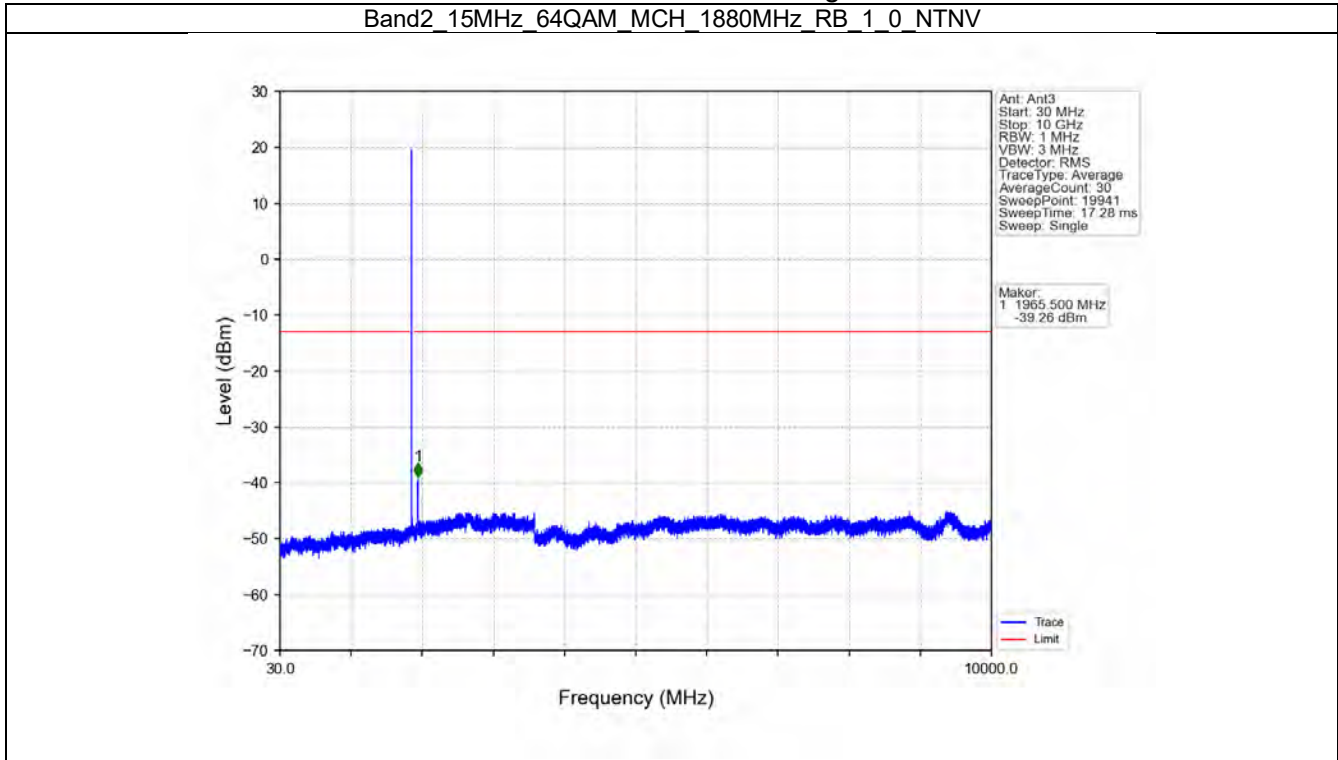
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Band2_15MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV

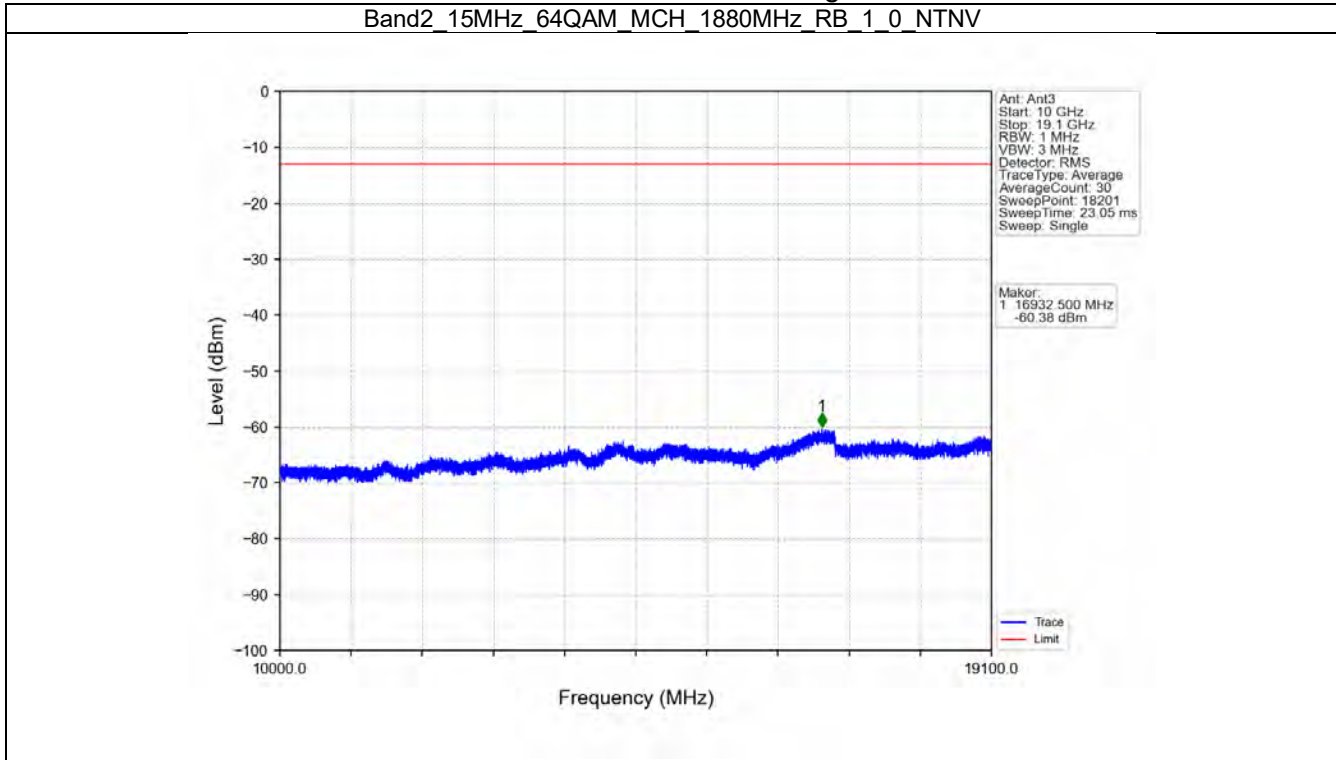


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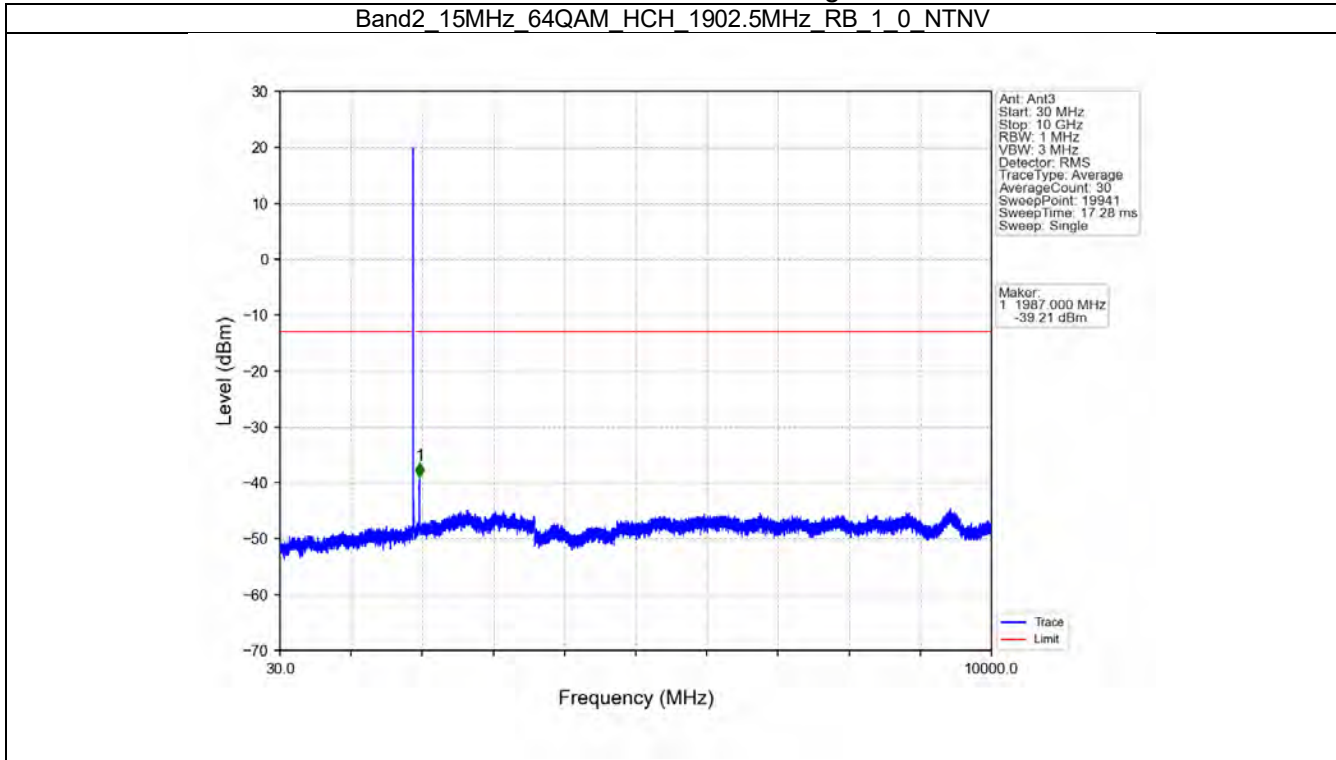


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Band2_15MHz_64QAM_HCH_1902.5MHz_RB_1_0_NTNV

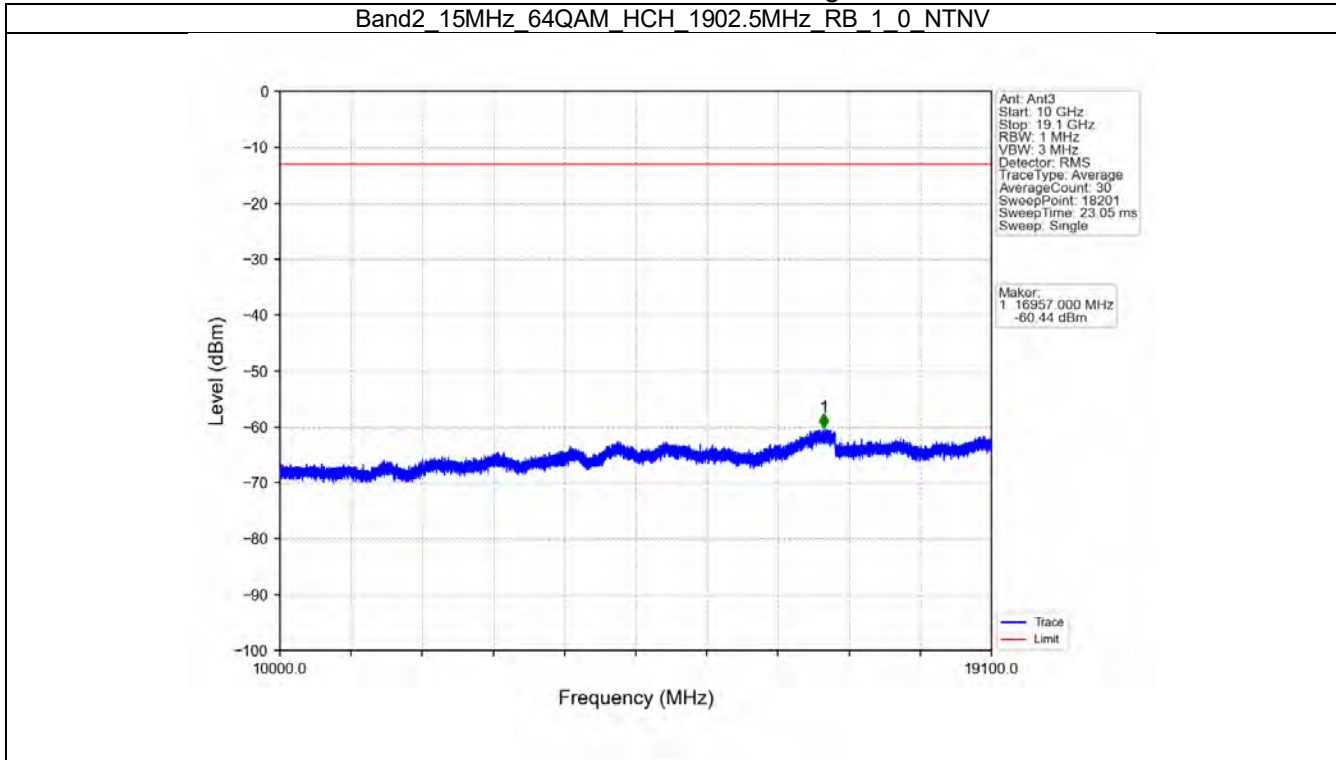


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Band2_15MHz_64QAM_HCH_1902.5MHz_RB_1_0_NTNV



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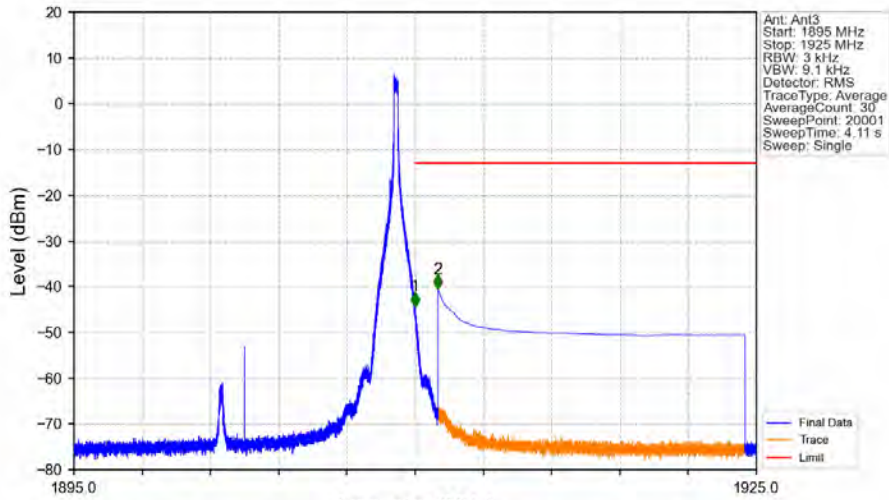
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Band2 15MHz_64QAM_HCH_1902.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	1	1910.002	-44.31	-13	Pass
1910	1911	0.003	/	1	1910.002	-44.31	-13	Pass
1911	1925	1	CHP	2	1911.001	-40.57	-13	Pass



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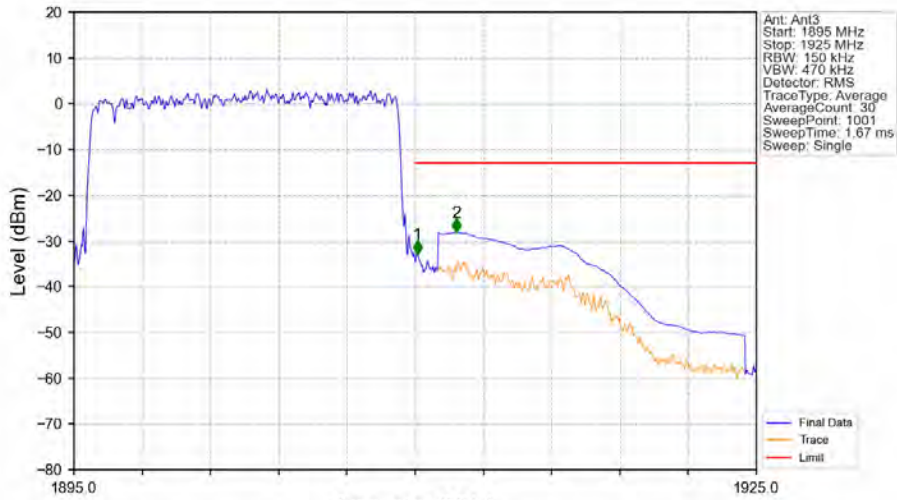
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Band2 15MHz_64QAM_HCH_1902.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.15	/	1	1910.090	-32.90	-13	Pass
1910	1911	0.15	/	2	1911.800	-28.12	-13	Pass
1911	1925	1	CHP					



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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
64QAM	1860	1	0	Refer To Test Graph		Pass	
		100	0	Refer To Test Graph		Pass	
	1880	1	0	Refer To Test Graph		Pass	
		1900	1	0	Refer To Test Graph		Pass
				99	Refer To Test Graph		Pass
			100	0	Refer To Test Graph		Pass

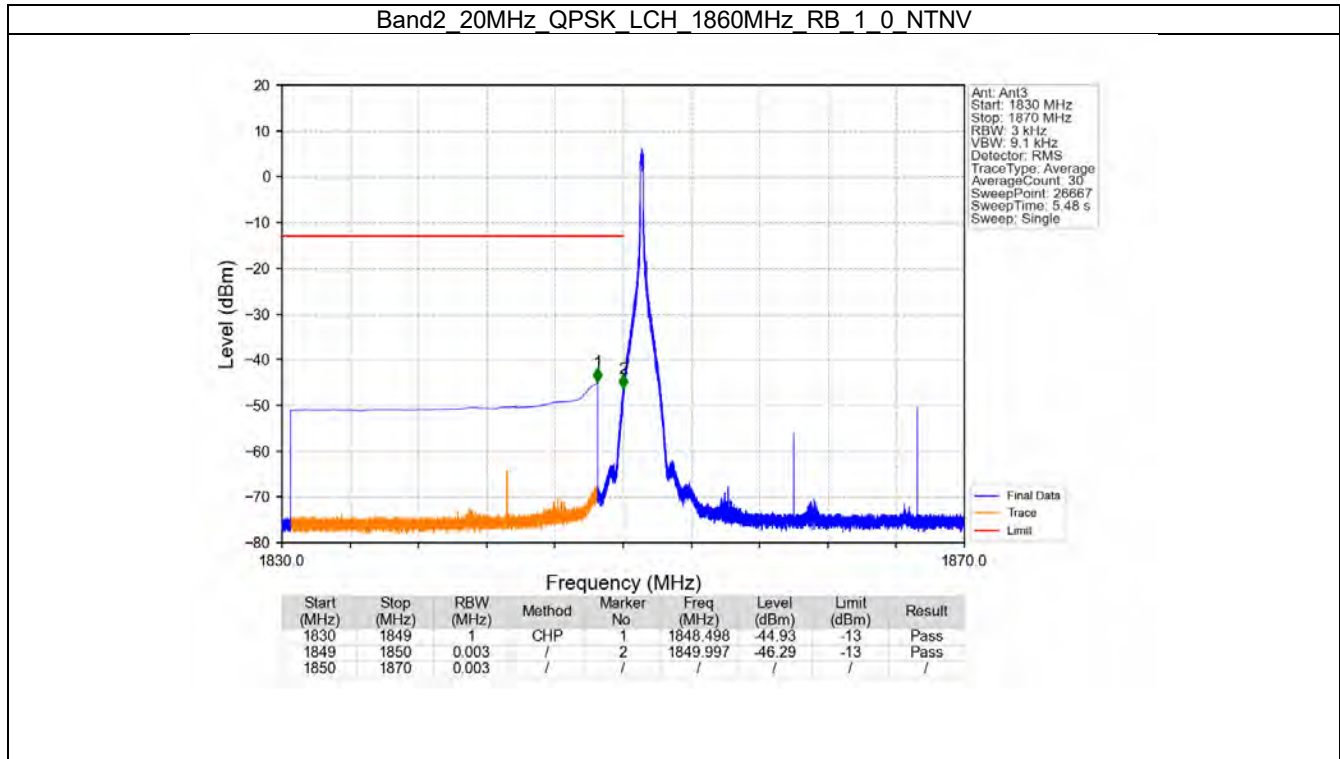


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5.6.2 Test Graph

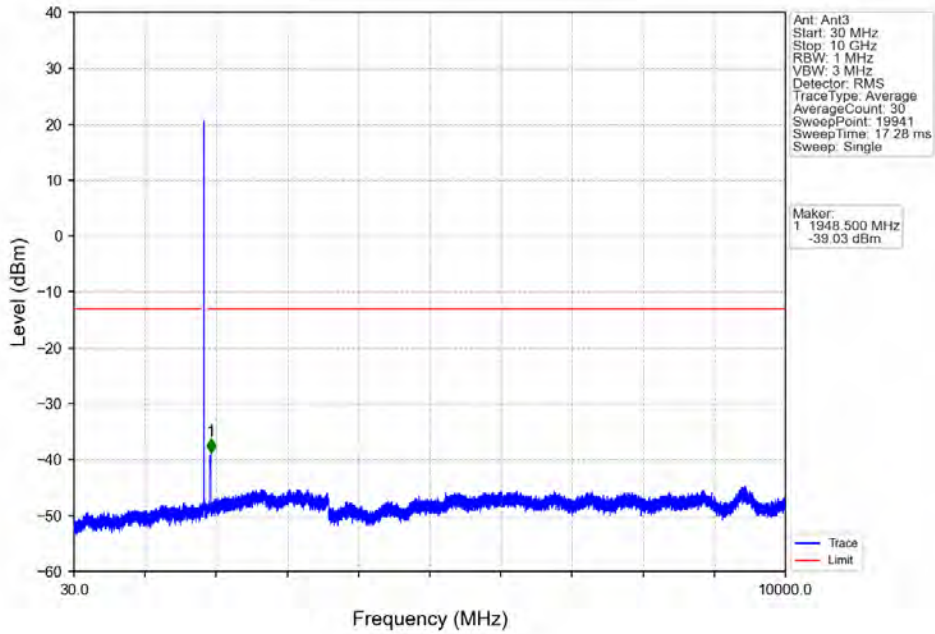


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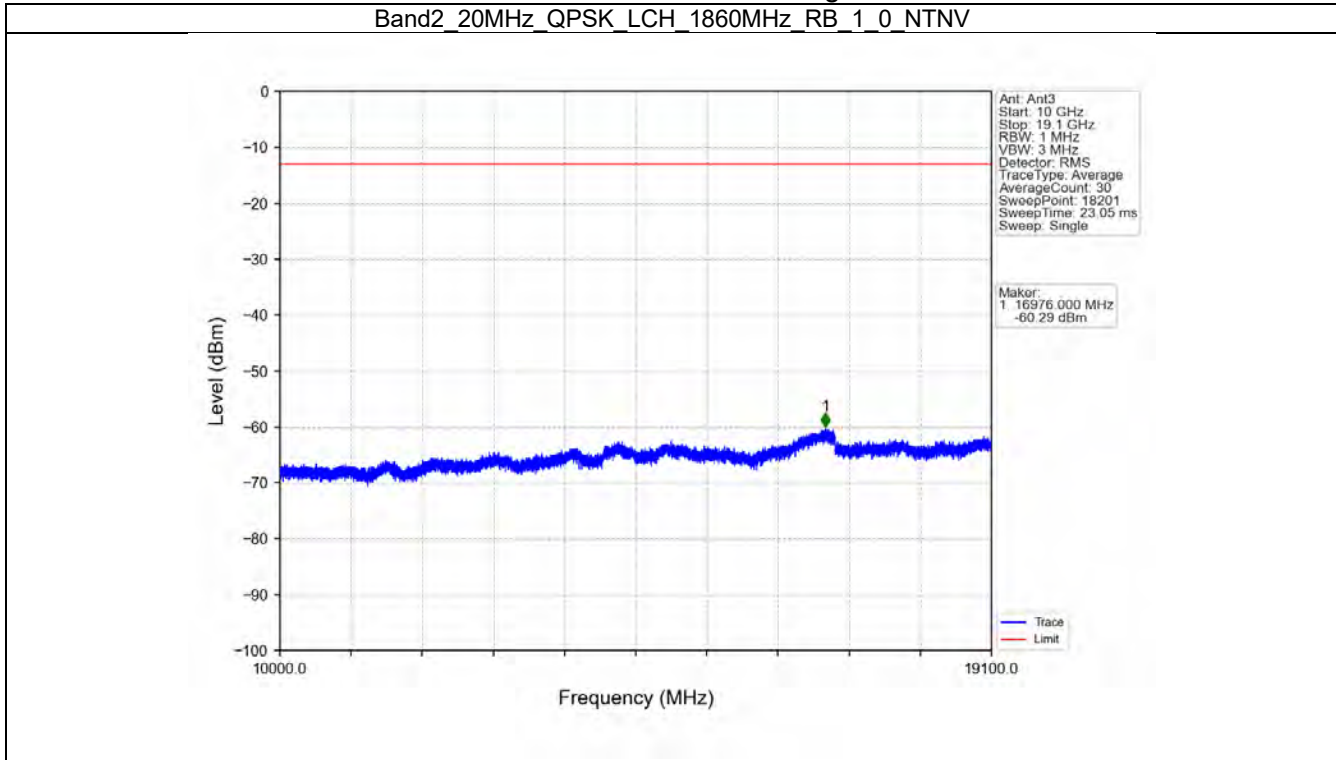


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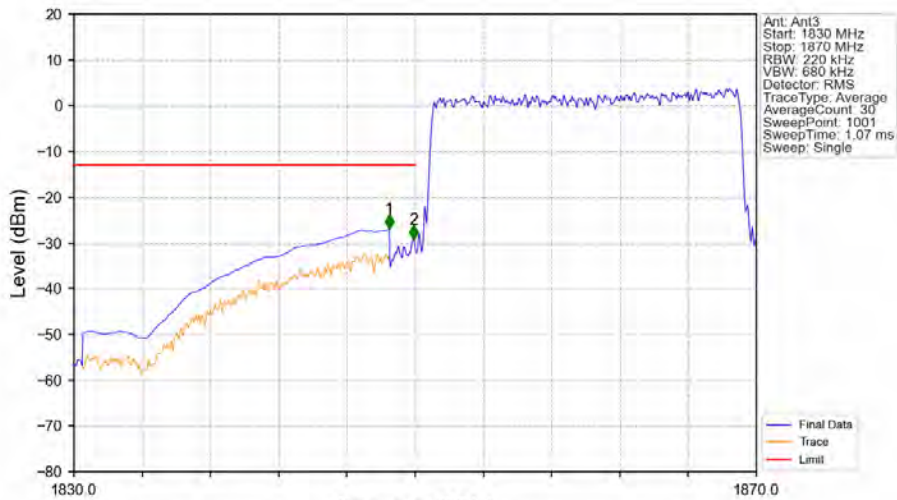


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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-26.90	-13	Pass
1849	1850	0.22	/	2	1849.920	-29.26	-13	Pass
1850	1870	0.22	/	/	/	/	/	/

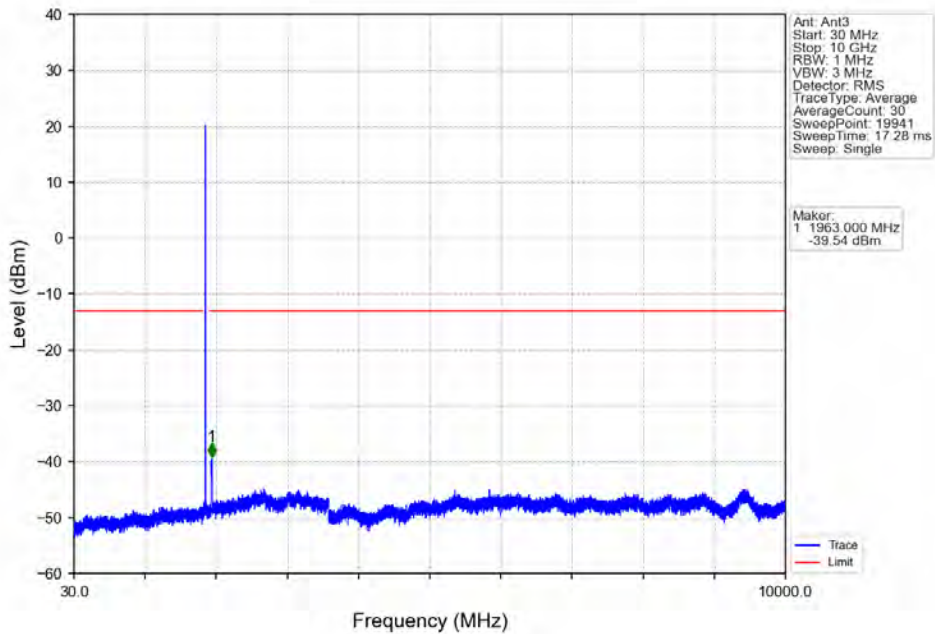


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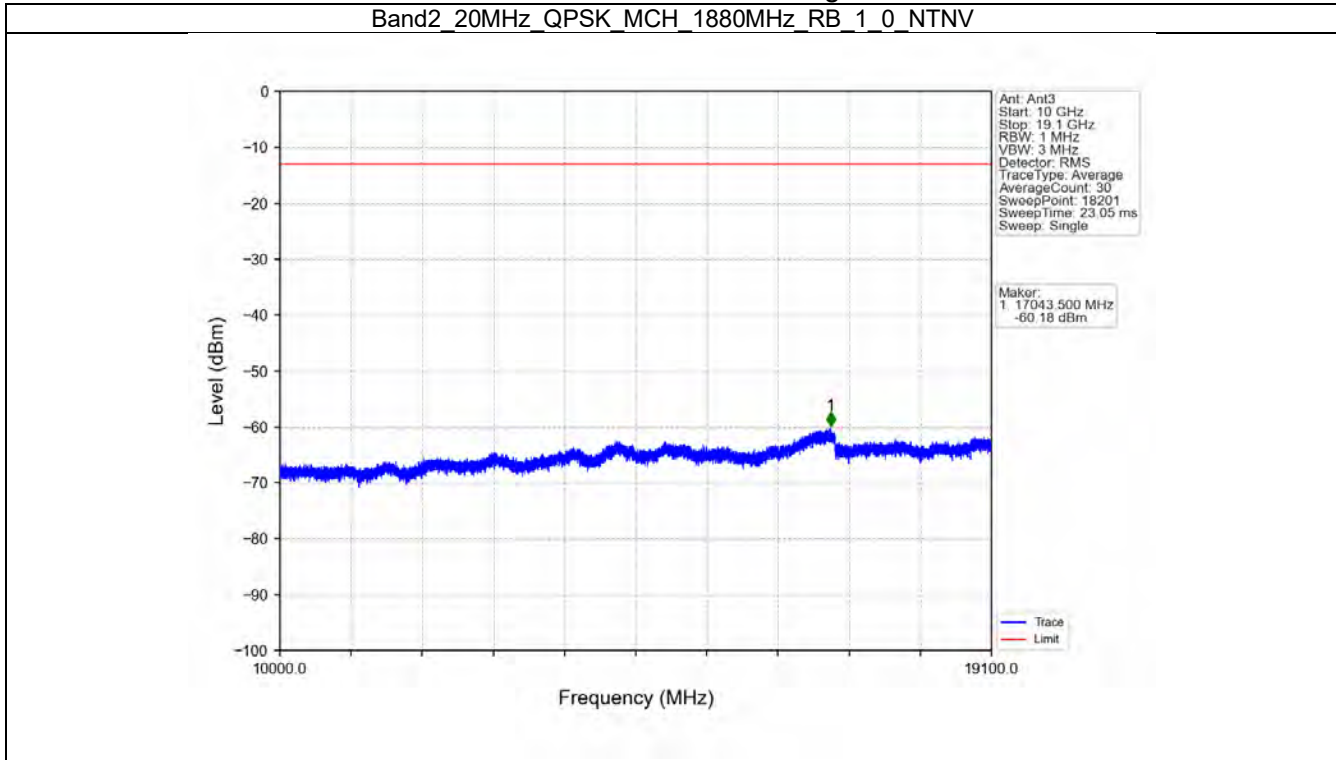


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Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV

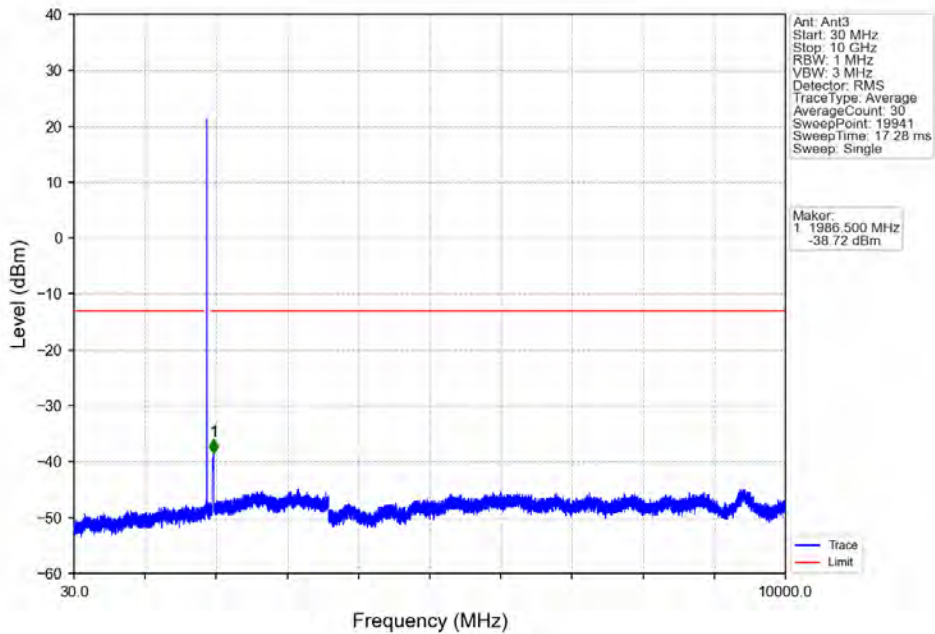


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Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV



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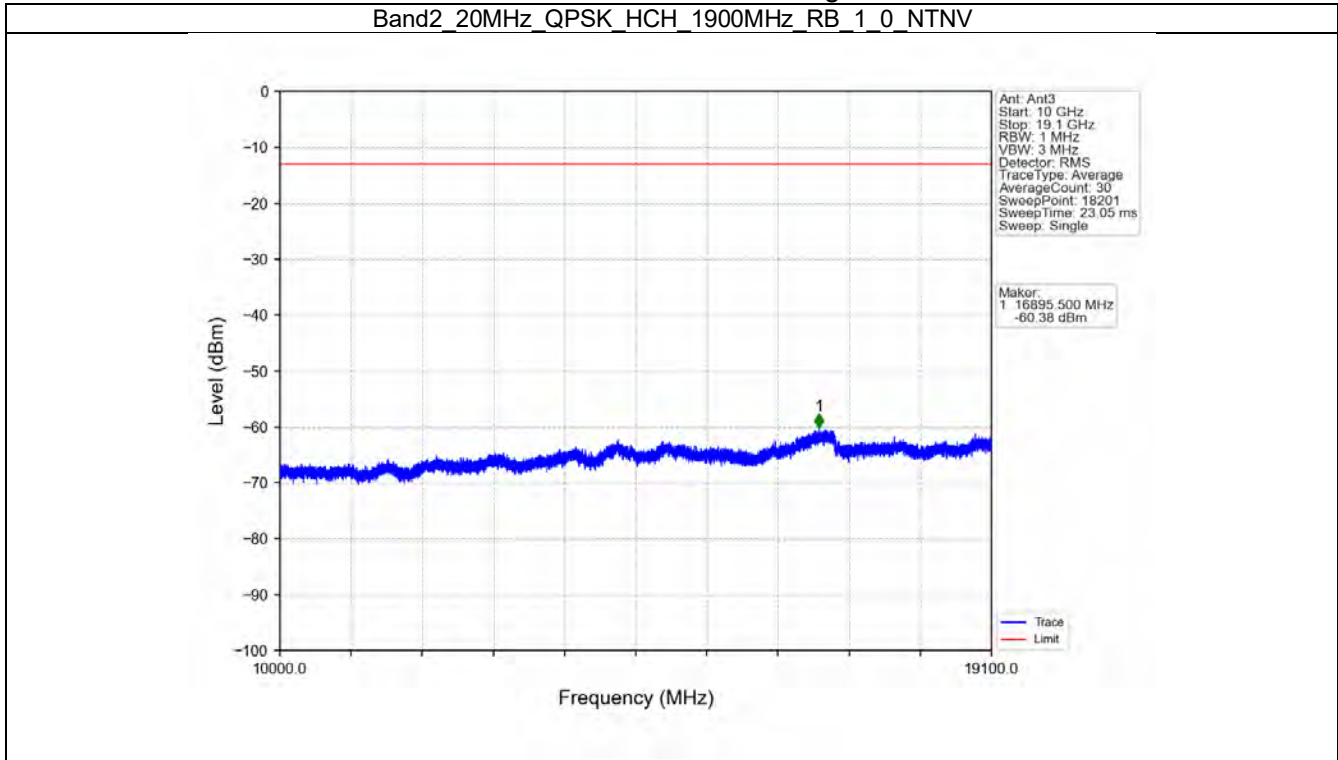
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Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV



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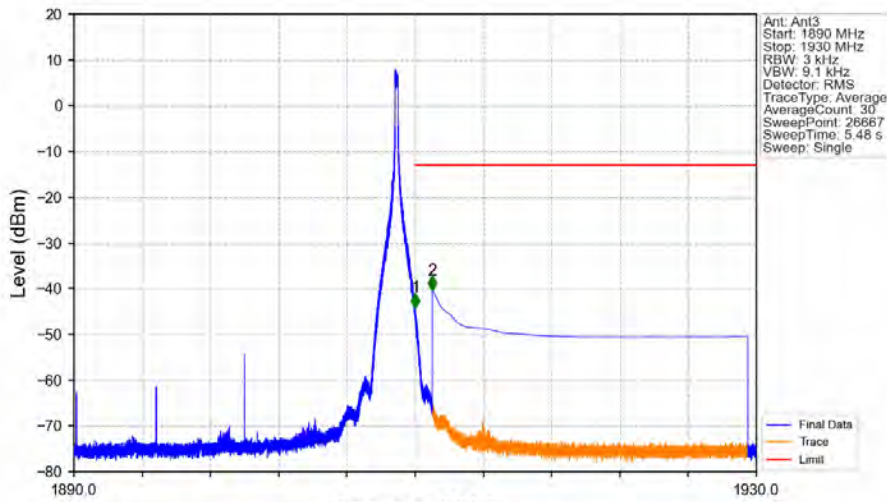
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Band2_20MHz_QPSK_HCH_1900MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	1	1910.016	-44.14	-13	Pass
1910	1911	0.003	/	2	1911.001	-40.32	-13	Pass
1911	1930	1	CHP					



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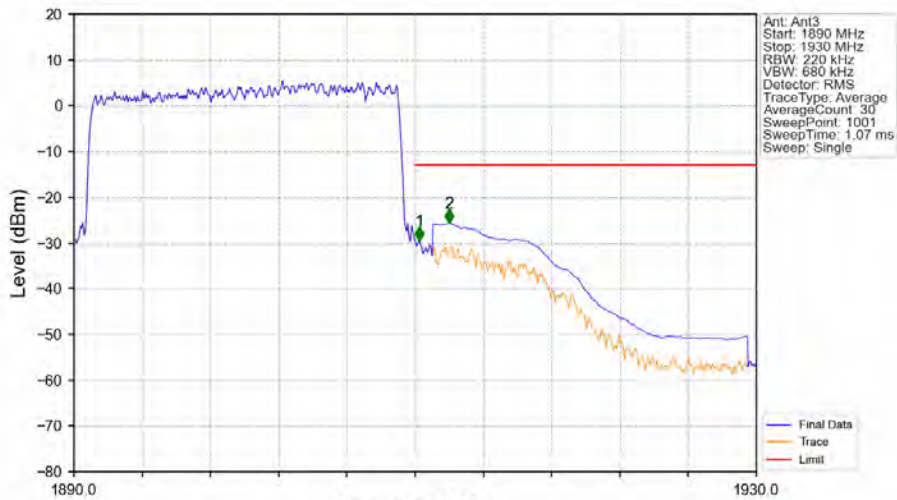
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Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.22	/	1	1910.240	-29.64	-13	Pass
1910	1911	0.22	/	1	1910.240	-29.64	-13	Pass
1911	1930	1	CHP	2	1912.000	-25.68	-13	Pass



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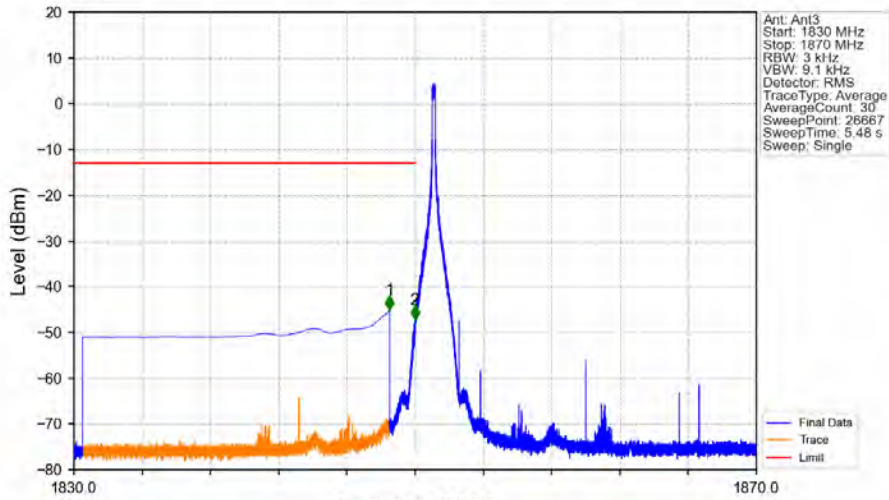
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Band2_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.500	-45.15	-13	Pass
1849	1850	0.003	/	2	1849.982	-47.14	-13	Pass
1850	1870	0.003	/	/	/	/	/	/



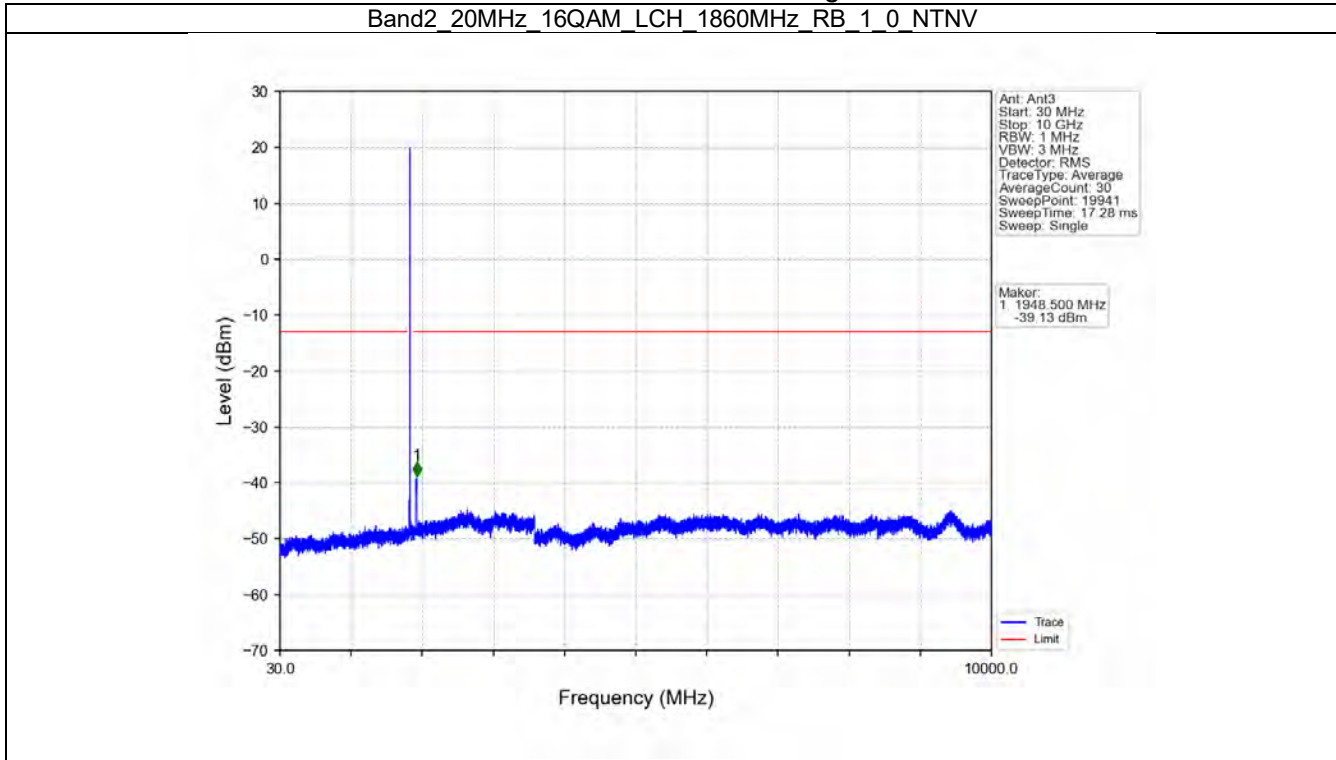
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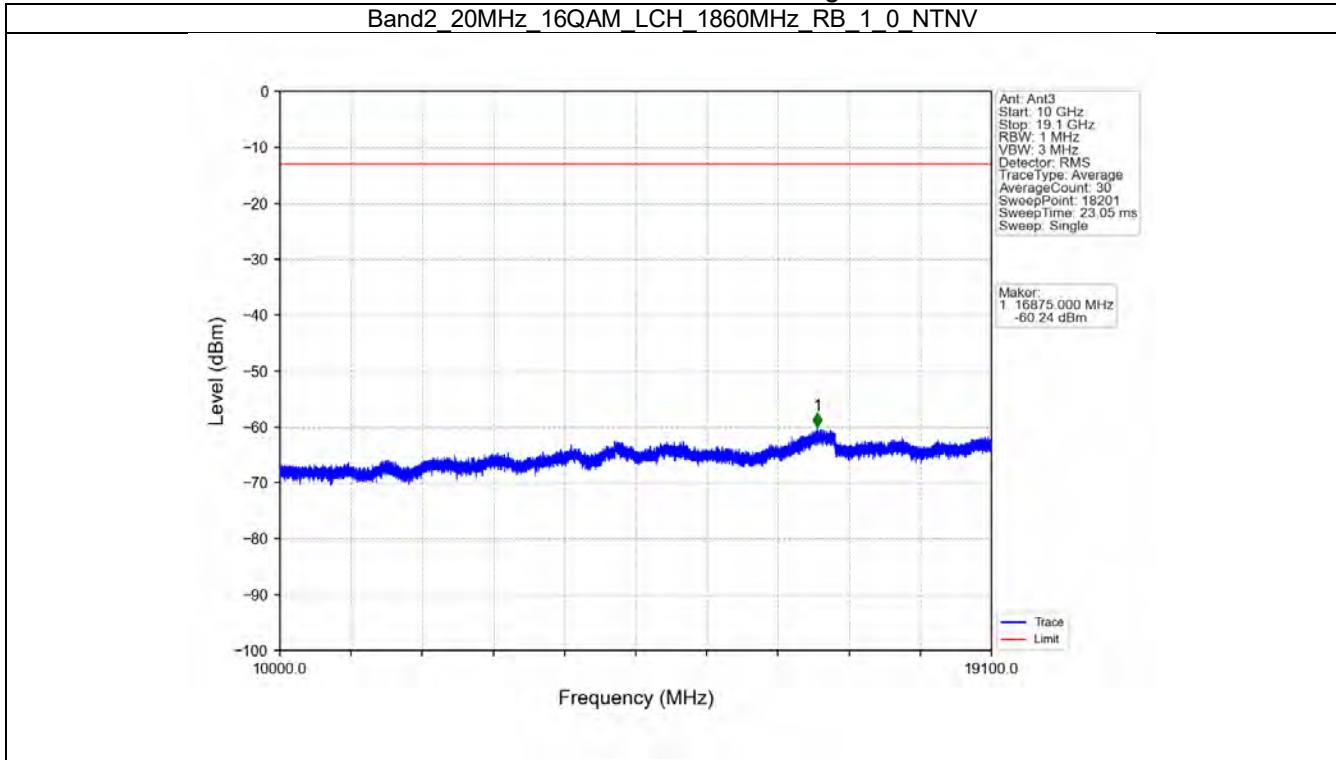


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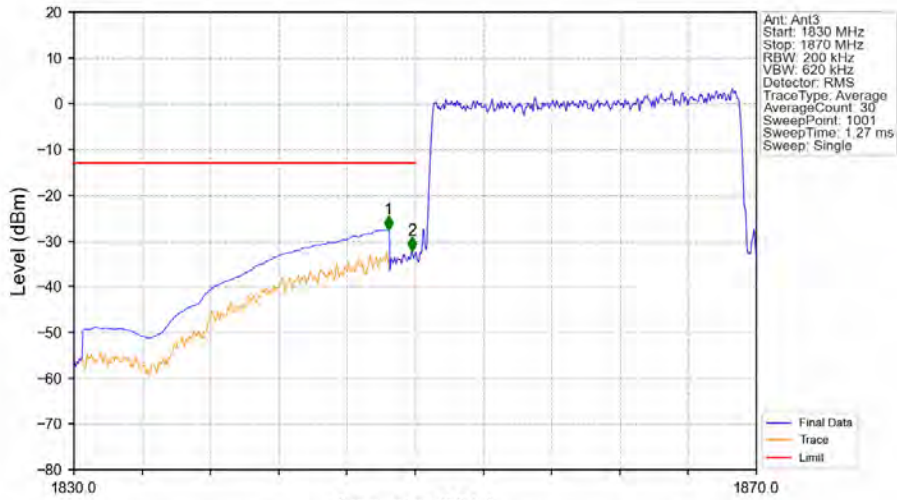
Band2_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV



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Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.440	-27.55	-13	Pass
1849	1850	0.2	/	2	1849.800	-32.14	-13	Pass
1850	1870	0.2	/	/	/	/	/	/



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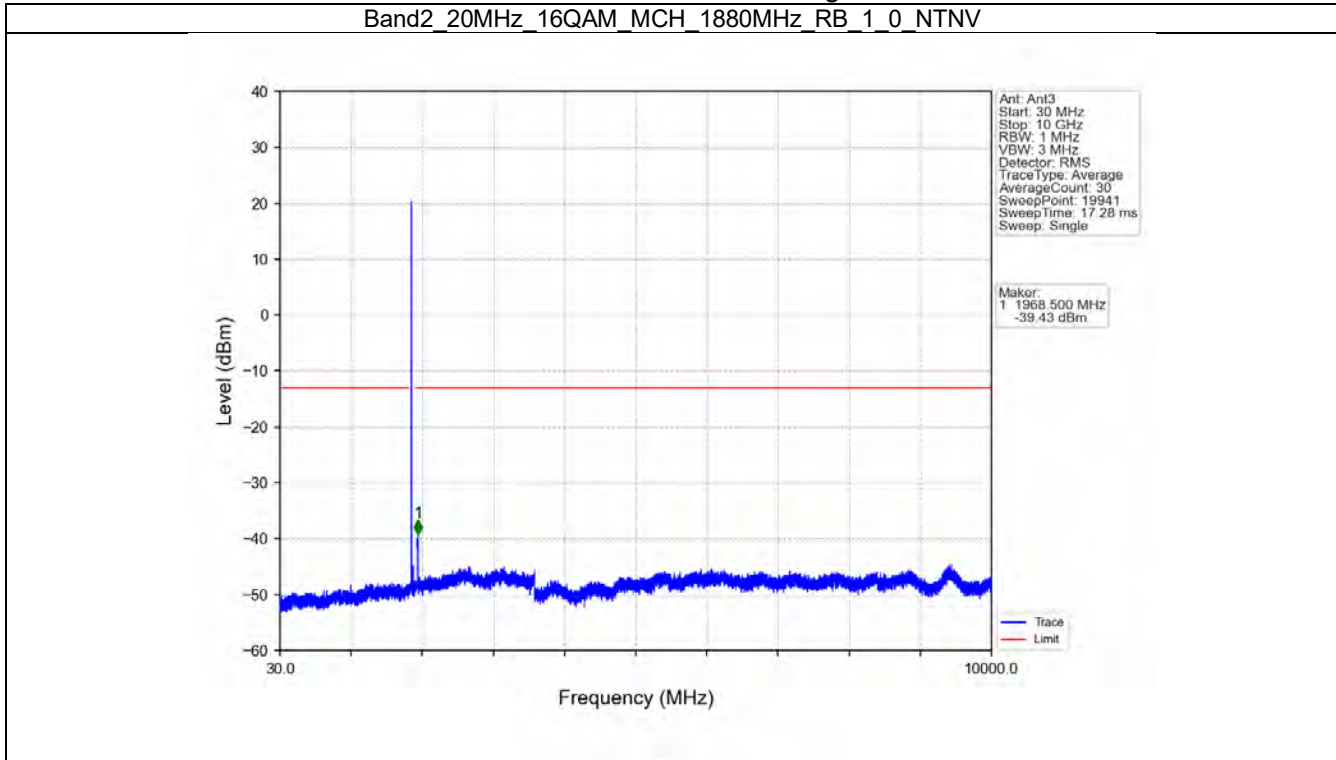
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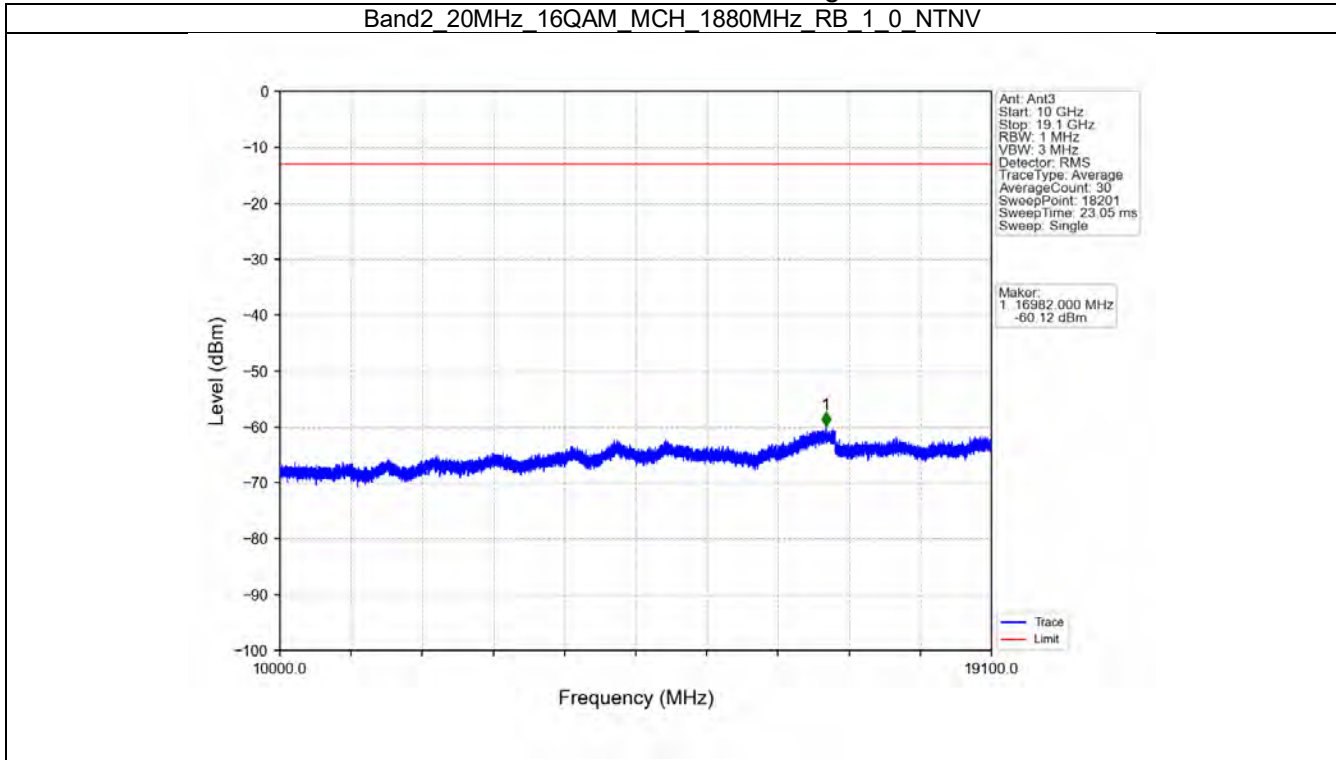
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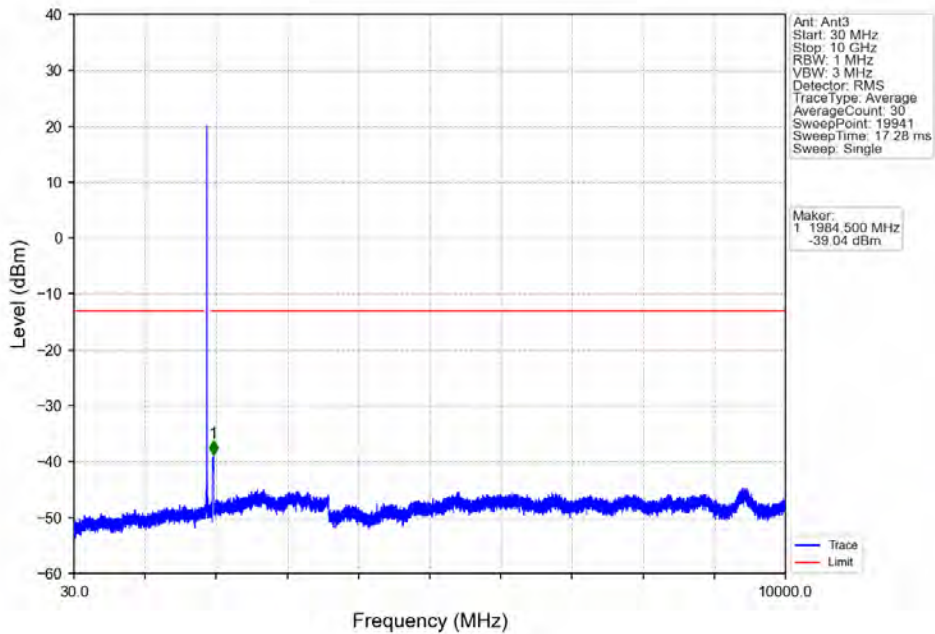
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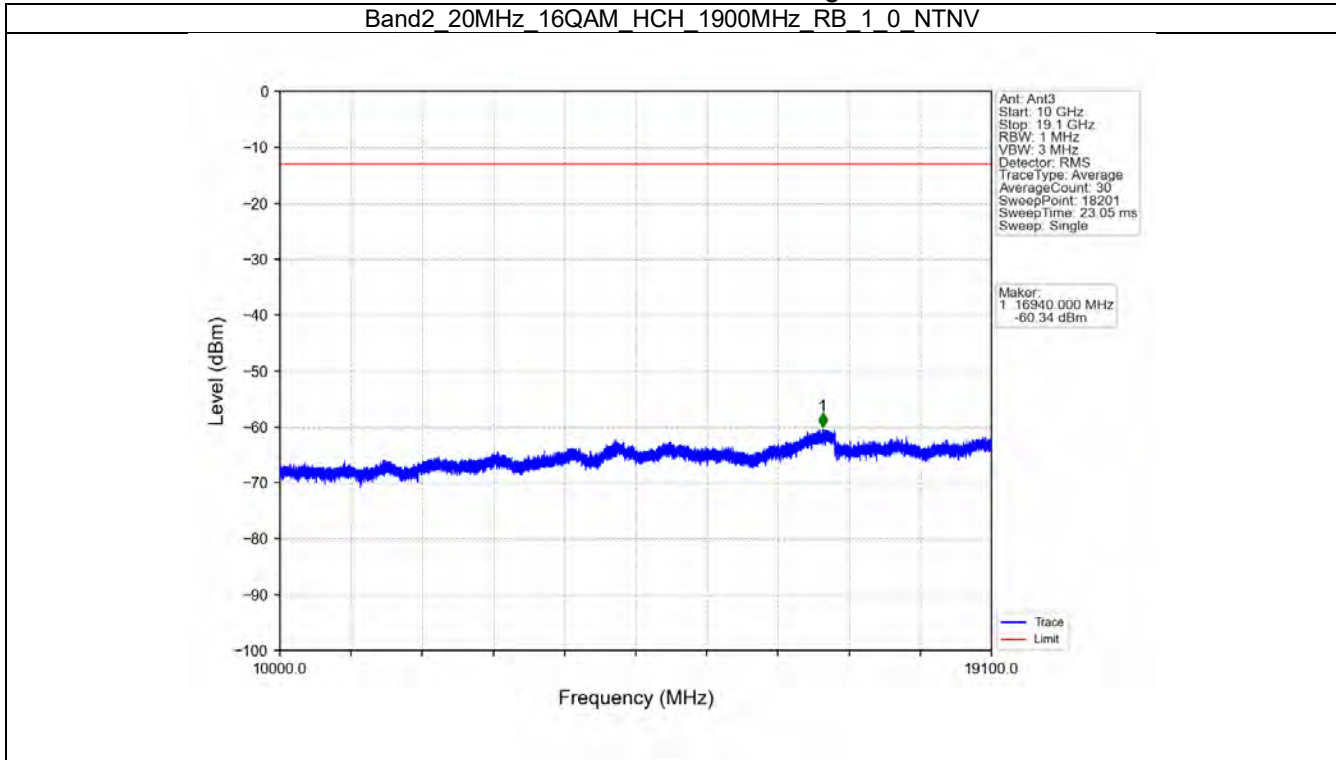


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Band2_20MHz_16QAM_HCH_1900MHz_RB_1_0_NTNV



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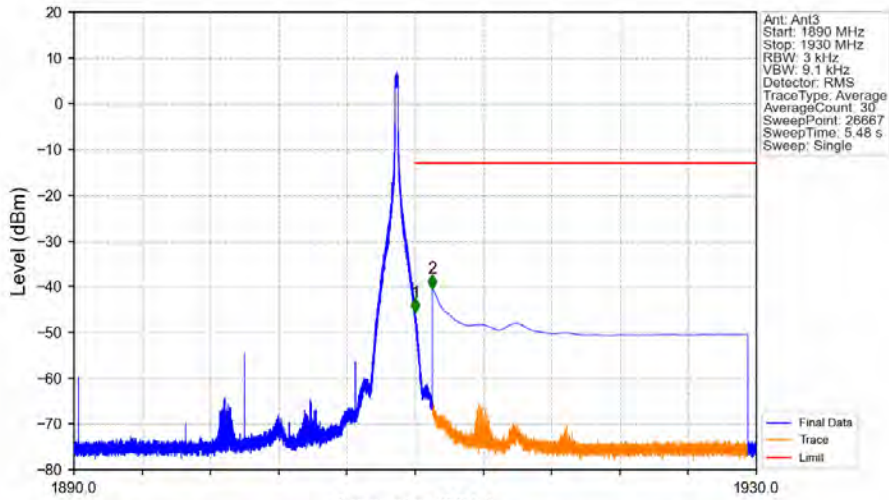
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Band2_20MHz_16QAM_HCH_1900MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	1	1910.021	-45.63	-13	Pass
1910	1911	0.003	/	1	1910.021	-45.63	-13	Pass
1911	1930	1	CHP	2	1911.001	-40.41	-13	Pass



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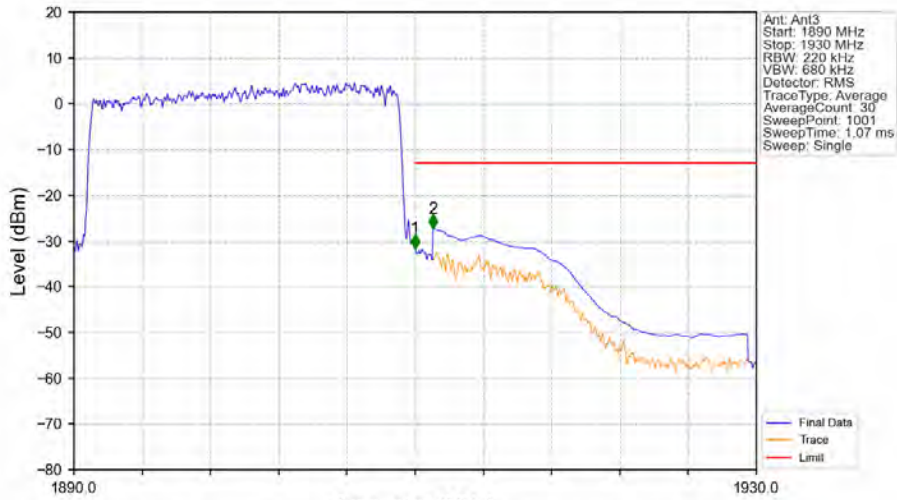
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Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.22	/	1	1910.000	-31.60	-13	Pass
1910	1911	0.22	/	2	1911.040	-27.32	-13	Pass
1911	1930	1	CHP					

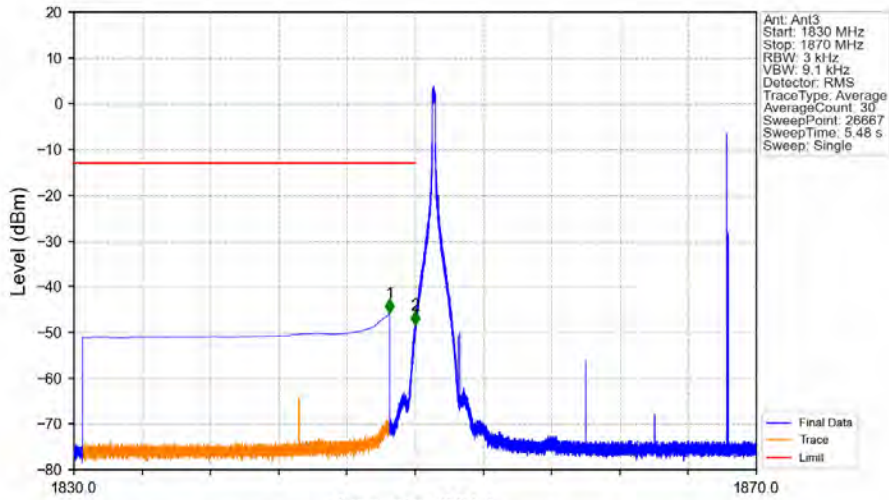


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Band2_20MHz_64QAM_LCH_1860MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.500	-45.79	-13	Pass
1849	1850	0.003	/	2	1849.997	-48.50	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

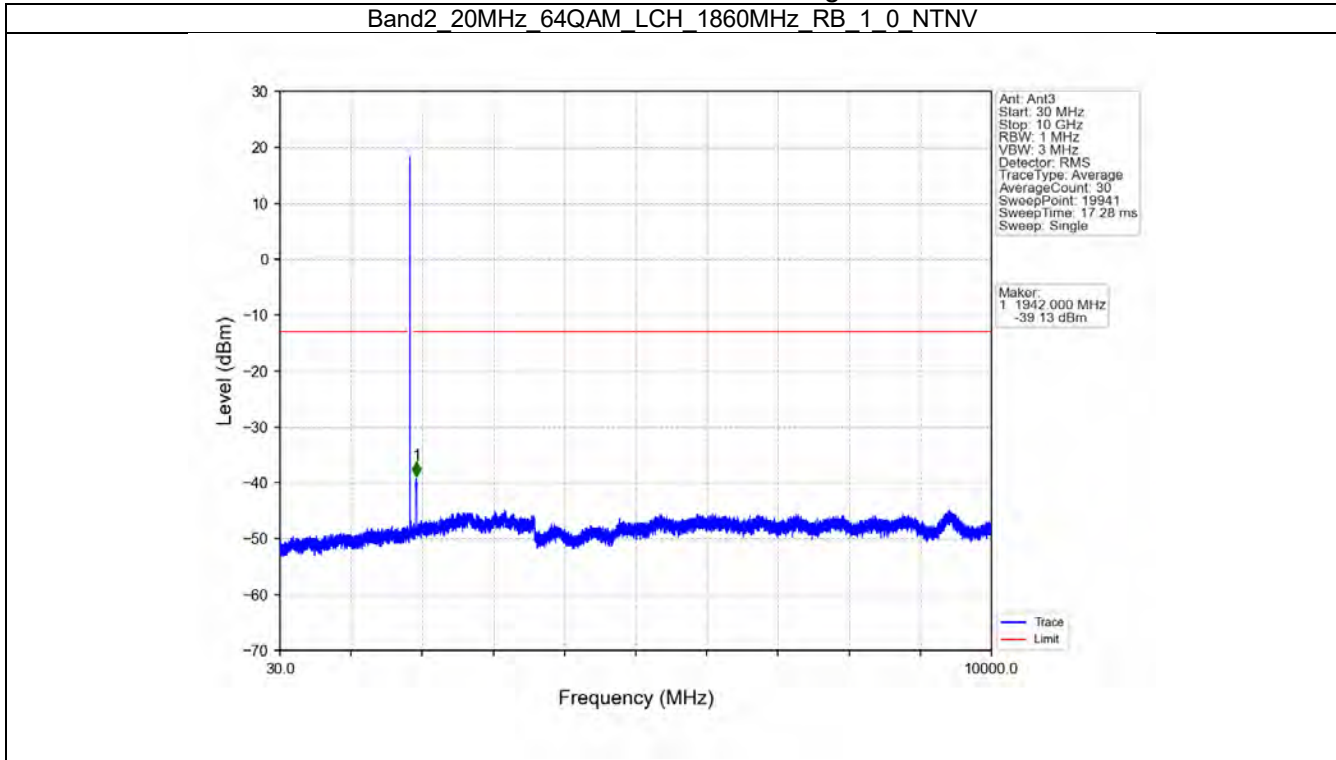


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Band2_20MHz_64QAM_LCH_1860MHz_RB_1_0_NTNV



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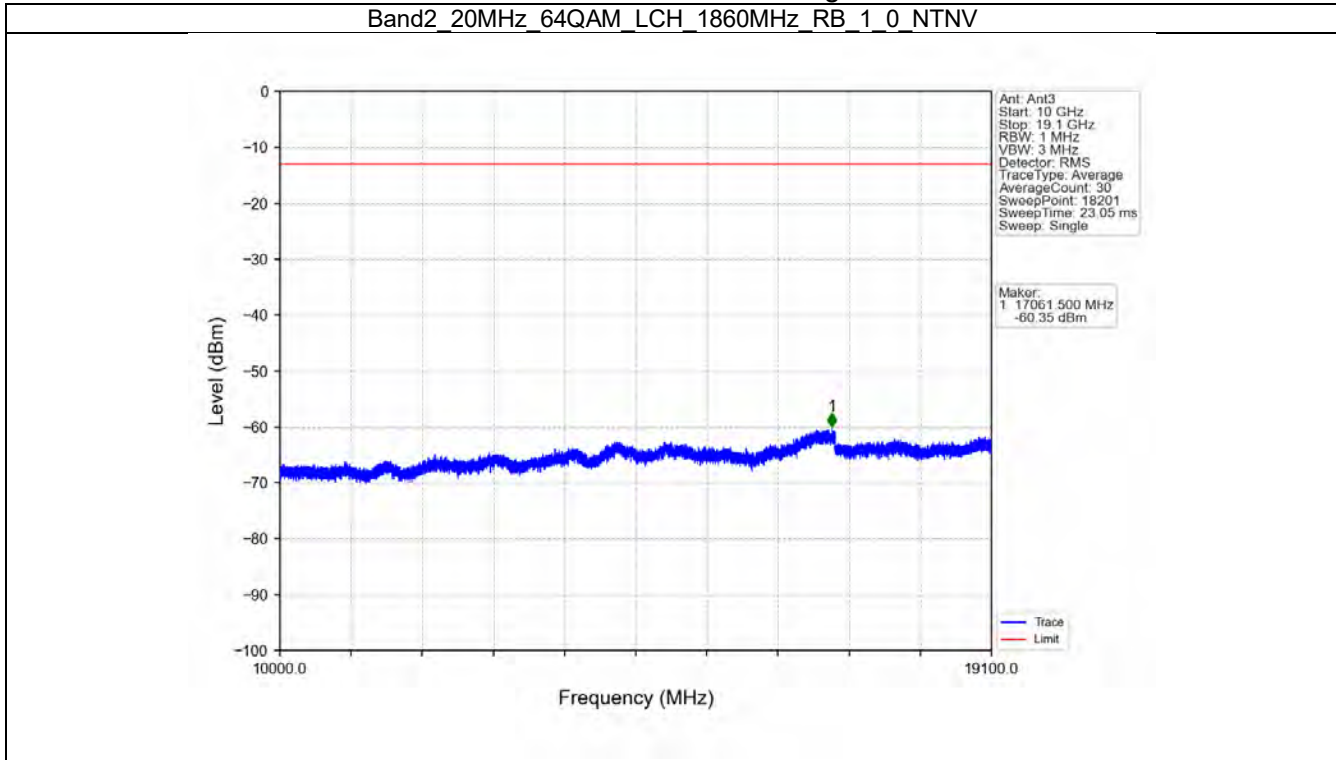
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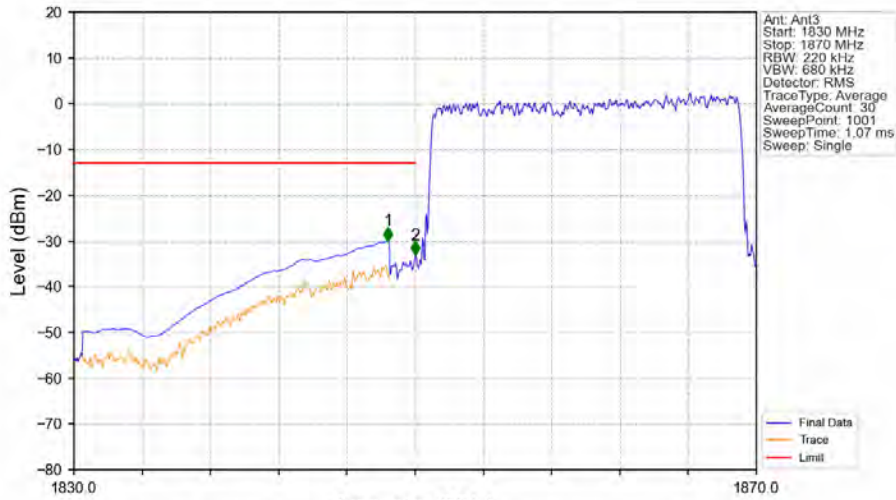
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Band2_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.400	-30.02	-13	Pass
1849	1850	0.22	/	2	1850.000	-33.16	-13	Pass
1850	1870	0.22	/	/	/	/	/	/



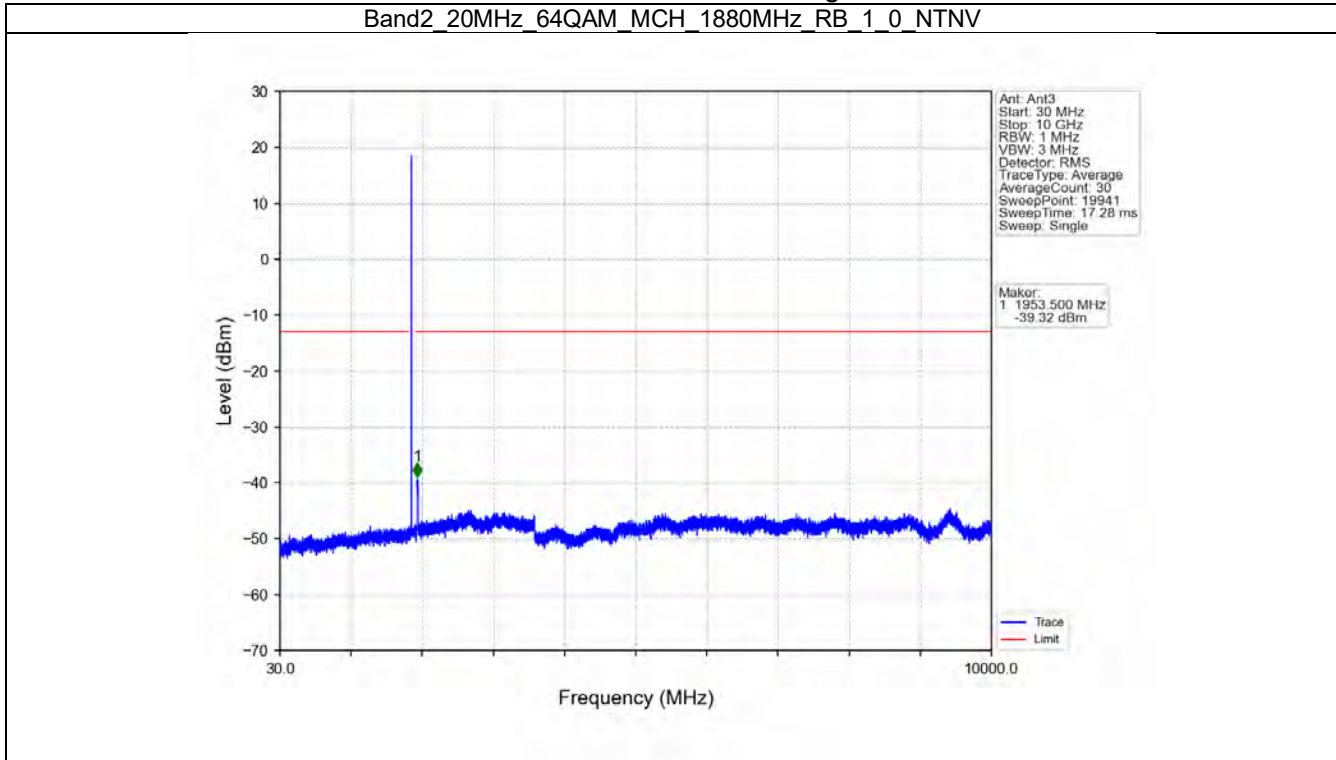
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Band2_20MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



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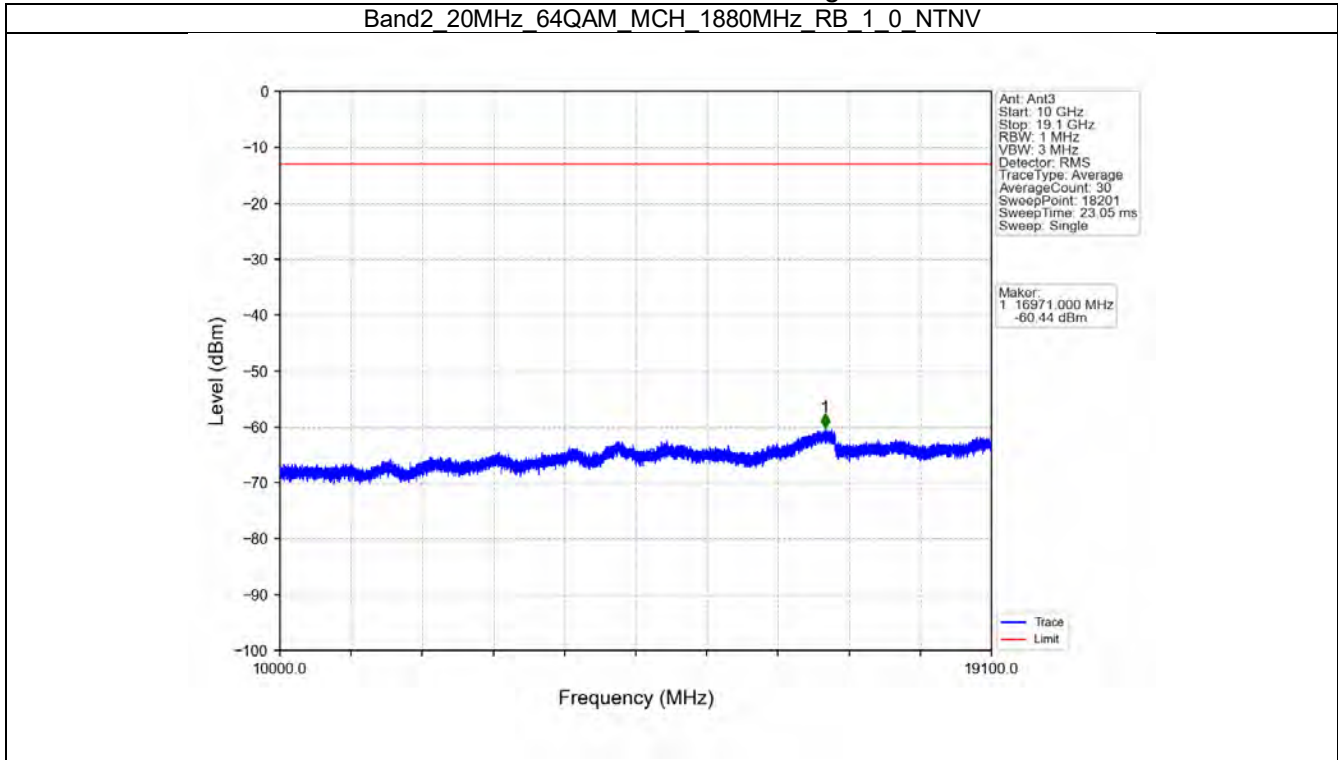
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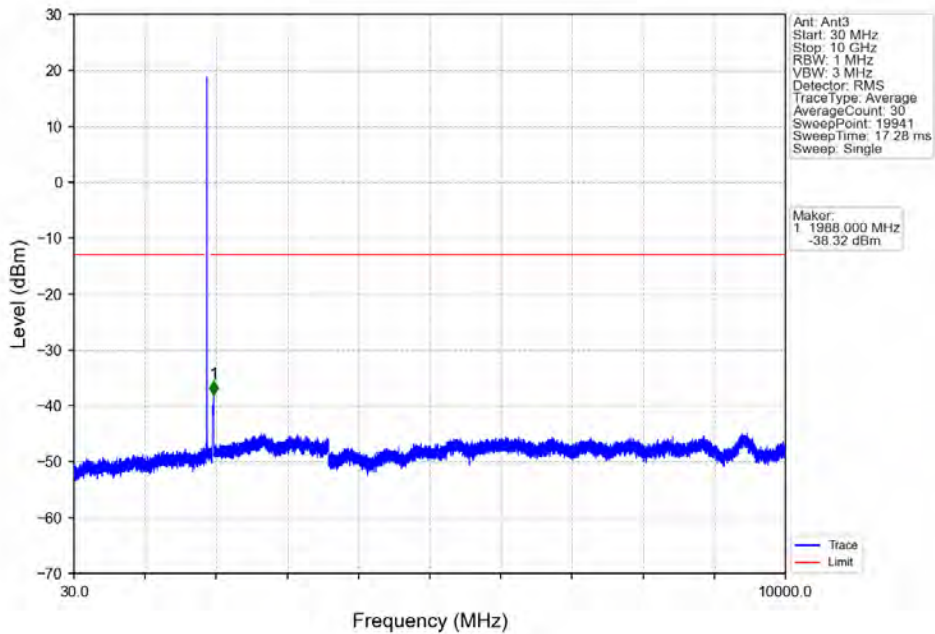


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Band2_20MHz_64QAM_HCH_1900MHz_RB_1_0_NTNV



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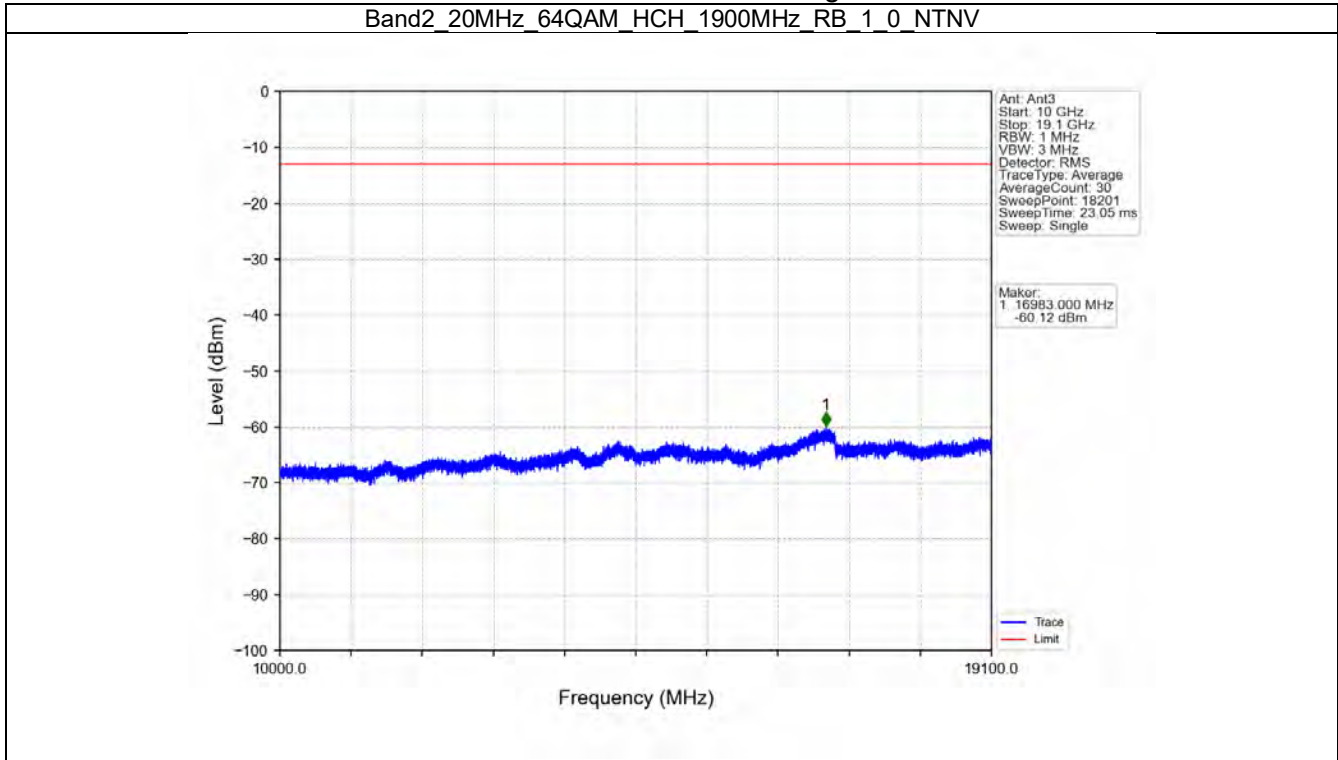
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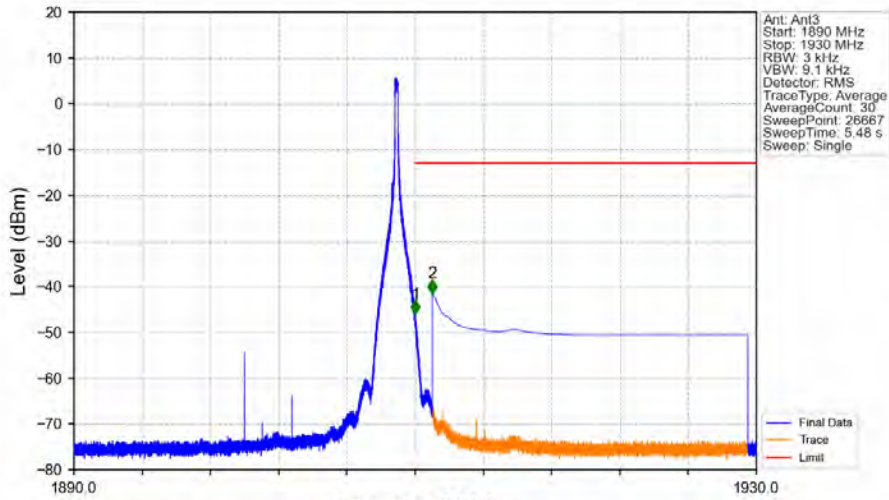


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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	1	1910.006	-46.01	-13	Pass
1910	1911	0.003	/	2	1911.001	-41.49	-13	Pass
1911	1930	1	CHP					



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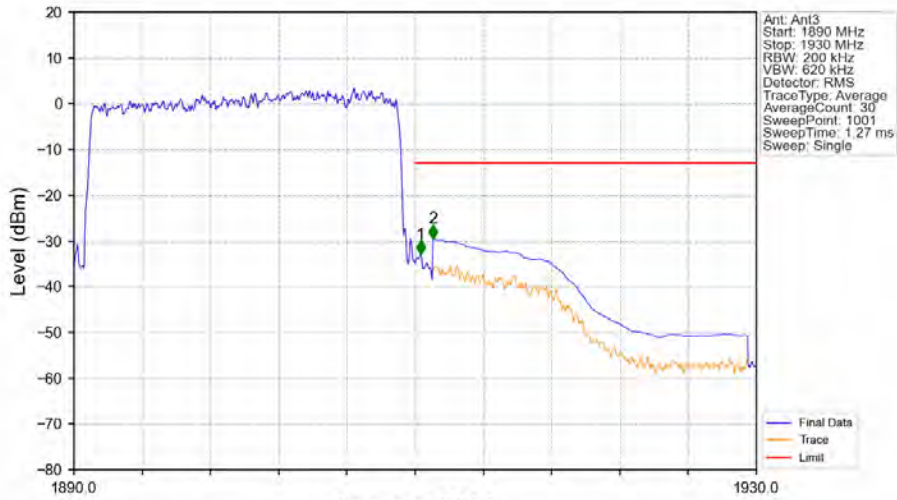
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.2	/	1	1910.320	-32.99	-13	Pass
1910	1911	0.2	/	1	1910.320	-32.99	-13	Pass
1911	1930	1	CHP	2	1911.040	-29.49	-13	Pass



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Member of the SGS Group (SGS SA)

6. Field Strength of Spurious Radiation

Test Band = LTE Band 2_ TM1

Test Channel = Low Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.18	43.47	-48.50	28.98	-71.31	-13.00	58.31	Horizontal
2	5553.27	43.49	-47.66	32.71	-66.72	-13.00	53.72	Horizontal
3	7404.36	41.86	-46.17	36.57	-63.00	-13.00	50.00	Horizontal
4	9255.45	40.21	-43.17	37.83	-60.39	-13.00	47.39	Horizontal
5	11106.54	36.82	-40.36	39.38	-59.42	-13.00	46.42	Horizontal
6	12957.63	36.40	-39.41	38.63	-59.64	-13.00	46.64	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.18	43.95	-48.50	28.98	-70.83	-13.00	57.83	Vertical
2	5553.27	43.87	-47.66	32.71	-66.34	-13.00	53.34	Vertical
3	7404.36	41.63	-46.17	36.57	-63.23	-13.00	50.23	Vertical
4	9255.45	41.27	-43.17	37.83	-59.33	-13.00	46.33	Vertical
5	11106.54	37.27	-40.36	39.38	-58.97	-13.00	45.97	Vertical
6	12957.63	35.98	-39.41	38.63	-60.06	-13.00	47.06	Vertical



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Test Band = LTE Band 2_ TM1

Test Channel = Mid Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.18	43.46	-48.37	29.04	-71.13	-13.00	58.13	Horizontal
2	5613.27	43.54	-47.67	32.72	-66.67	-13.00	53.67	Horizontal
3	7484.36	40.51	-46.17	36.76	-64.16	-13.00	51.16	Horizontal
4	9355.45	39.86	-42.97	37.92	-60.45	-13.00	47.45	Horizontal
5	11226.54	37.00	-40.37	39.35	-59.28	-13.00	46.28	Horizontal
6	13097.63	36.70	-38.42	38.83	-58.15	-13.00	45.15	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.18	43.92	-48.37	29.04	-70.67	-13.00	57.67	Vertical
2	5613.27	43.87	-47.67	32.72	-66.34	-13.00	53.34	Vertical
3	7484.36	40.82	-46.17	36.76	-63.85	-13.00	50.85	Vertical
4	9355.45	39.78	-42.97	37.92	-60.53	-13.00	47.53	Vertical
5	11226.54	37.00	-40.37	39.35	-59.28	-13.00	46.28	Vertical
6	13097.63	36.29	-38.42	38.83	-58.56	-13.00	45.56	Vertical



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Test Band = LTE Band 2_ TM1

Test Channel = High Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.18	43.75	-48.24	29.10	-70.65	-13.00	57.65	Horizontal
2	5673.27	43.49	-47.55	32.73	-66.58	-13.00	53.58	Horizontal
3	7564.36	40.69	-45.14	36.72	-62.99	-13.00	49.99	Horizontal
4	9455.45	38.77	-42.67	38.01	-61.15	-13.00	48.15	Horizontal
5	11346.54	37.14	-40.28	39.33	-59.07	-13.00	46.07	Horizontal
6	13237.63	36.77	-38.85	39.15	-58.19	-13.00	45.19	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.18	43.39	-48.24	29.10	-71.01	-13.00	58.01	Vertical
2	5673.27	43.19	-47.55	32.73	-66.88	-13.00	53.88	Vertical
3	7564.36	40.15	-45.14	36.72	-63.53	-13.00	50.53	Vertical
4	9455.45	38.35	-42.67	38.01	-61.57	-13.00	48.57	Vertical
5	11346.54	36.81	-40.28	39.33	-59.40	-13.00	46.40	Vertical
6	13237.63	36.32	-38.85	39.15	-58.64	-13.00	45.64	Vertical



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Test Band = LTE Band 2A-4A_ TM1
 Test Channel = Low Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.18	44.57	-48.38	28.67	-70.40	-13.00	57.40	Horizontal
2	3702.18	43.53	-48.50	28.98	-71.25	-13.00	58.25	Horizontal
3	5133.27	42.81	-47.84	31.82	-68.47	-13.00	55.47	Horizontal
4	5553.27	43.19	-47.66	32.71	-67.02	-13.00	54.02	Horizontal
5	6844.36	42.31	-46.82	35.26	-64.51	-13.00	51.51	Horizontal
6	7404.36	41.01	-46.17	36.57	-63.85	-13.00	50.85	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.18	44.15	-48.38	28.67	-70.82	-13.00	57.82	Vertical
2	3702.18	44.39	-48.50	28.98	-70.39	-13.00	57.39	Vertical
3	5133.27	42.31	-47.84	31.82	-68.97	-13.00	55.97	Vertical
4	5553.27	43.58	-47.66	32.71	-66.63	-13.00	53.63	Vertical
5	6844.36	41.89	-46.82	35.26	-64.93	-13.00	51.93	Vertical
6	7404.36	41.47	-46.17	36.57	-63.39	-13.00	50.39	Vertical



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Test Band = LTE Band 2A-4A_TM1
 Test Channel = Mid Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3447.18	43.08	-48.35	28.68	-71.85	-13.00	58.85	Horizontal
2	3742.18	44.15	-48.37	29.04	-70.44	-13.00	57.44	Horizontal
3	5170.77	42.78	-47.87	31.91	-68.44	-13.00	55.44	Horizontal
4	5613.27	42.51	-47.67	32.72	-67.70	-13.00	54.70	Horizontal
5	6894.36	41.85	-46.74	35.37	-64.78	-13.00	51.78	Horizontal
6	7484.36	40.07	-46.17	36.76	-64.60	-13.00	51.60	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3447.18	43.76	-48.35	28.68	-71.17	-13.00	58.17	Vertical
2	3742.18	44.77	-48.37	29.04	-69.82	-13.00	56.82	Vertical
3	5170.77	43.21	-47.87	31.91	-68.01	-13.00	55.01	Vertical
4	5613.27	44.03	-47.67	32.72	-66.18	-13.00	53.18	Vertical
5	6894.36	41.76	-46.74	35.37	-64.87	-13.00	51.87	Vertical
6	7484.36	40.44	-46.17	36.76	-64.23	-13.00	51.23	Vertical



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Test Band = LTE Band 2A-4A_ TM1
 Test Channel = High Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.18	44.56	-48.32	28.69	-70.33	-13.00	57.33	Horizontal
2	3782.18	44.34	-48.24	29.10	-70.06	-13.00	57.06	Horizontal
3	5208.27	42.38	-47.88	32.00	-68.76	-13.00	55.76	Horizontal
4	5673.27	42.88	-47.55	32.73	-67.19	-13.00	54.19	Horizontal
5	6944.36	41.35	-46.67	35.48	-65.10	-13.00	52.10	Horizontal
6	7564.36	40.90	-45.14	36.72	-62.78	-13.00	49.78	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.18	43.88	-48.32	28.69	-71.01	-13.00	58.01	Vertical
2	3782.18	44.58	-48.24	29.10	-69.82	-13.00	56.82	Vertical
3	5208.27	42.98	-47.88	32.00	-68.16	-13.00	55.16	Vertical
4	5673.27	42.76	-47.55	32.73	-67.31	-13.00	54.31	Vertical
5	6944.36	41.86	-46.67	35.48	-64.59	-13.00	51.59	Vertical
6	7564.36	39.77	-45.14	36.72	-63.91	-13.00	50.91	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) - Pre-amplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---



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