



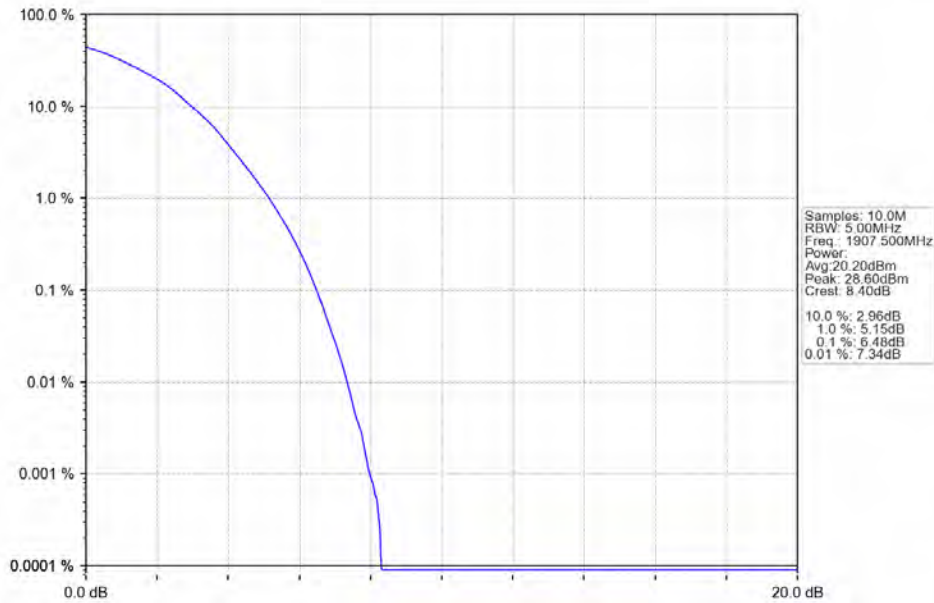
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Band2_5MHz_64QAM_HCH_1907.5MHz_RB_25_0_NTNV



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4.4 B2_10MHz

4.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.50	<=13	Pass
	1880	50	0	5.52	<=13	Pass
	1905	50	0	5.55	<=13	Pass
16QAM	1855	50	0	6.19	<=13	Pass
	1880	50	0	6.25	<=13	Pass
	1905	50	0	6.29	<=13	Pass
64QAM	1855	50	0	6.42	<=13	Pass
	1880	50	0	6.51	<=13	Pass
	1905	50	0	6.50	<=13	Pass



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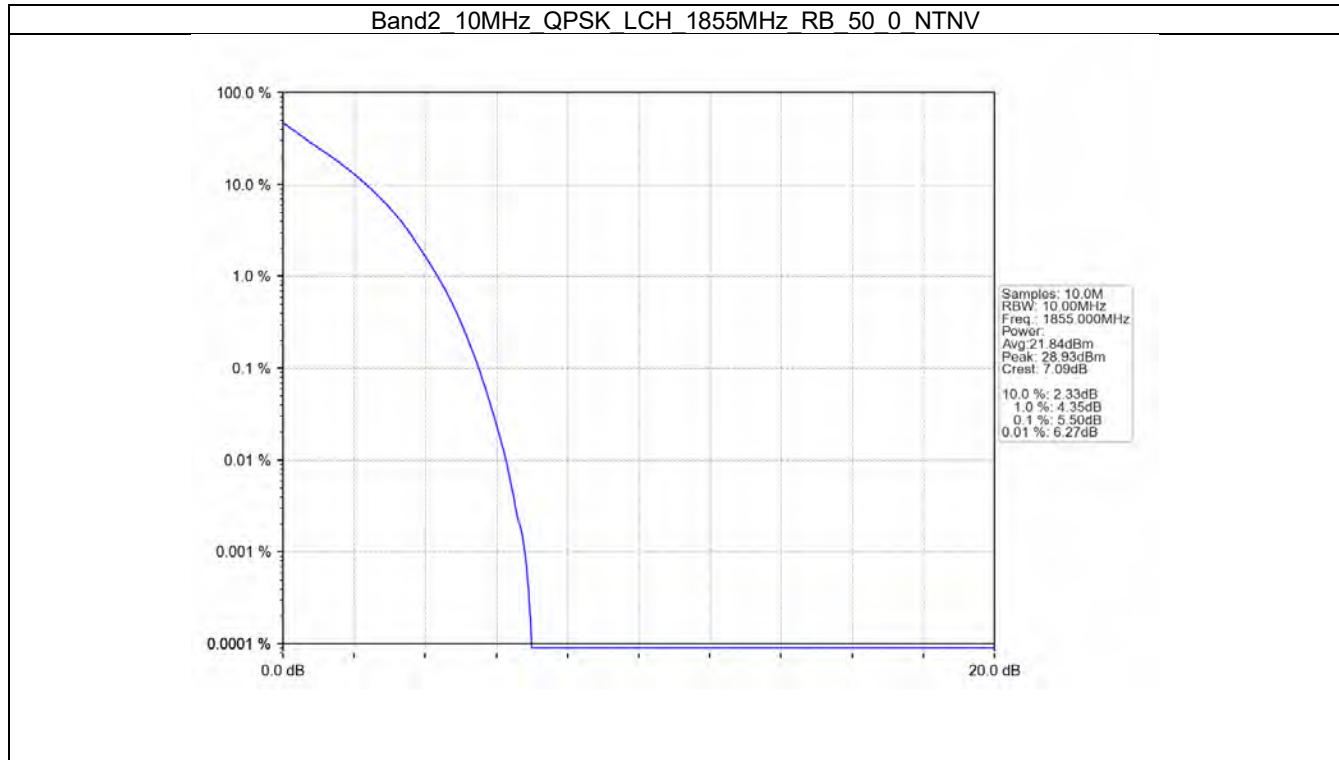
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4.4.2 Test Graph



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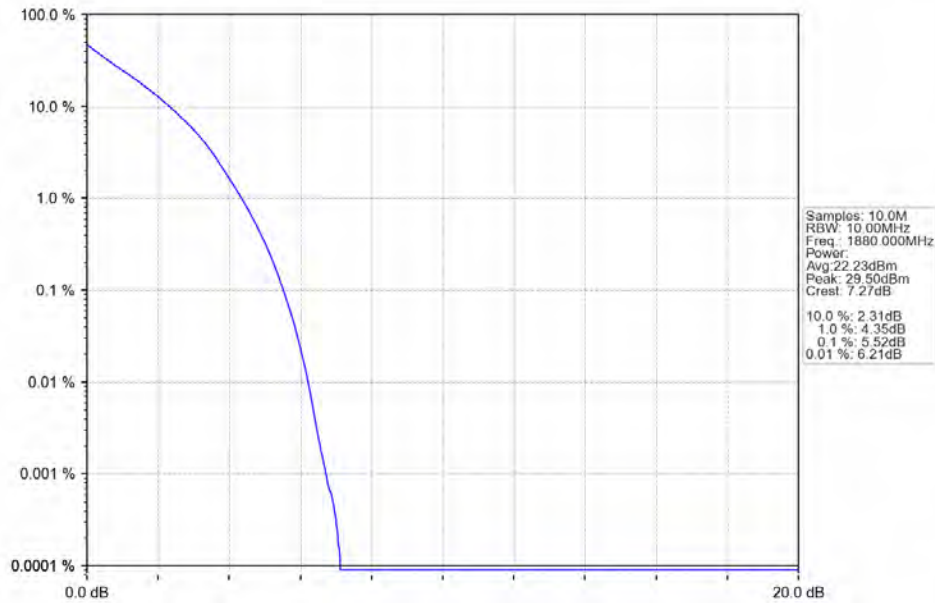
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Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



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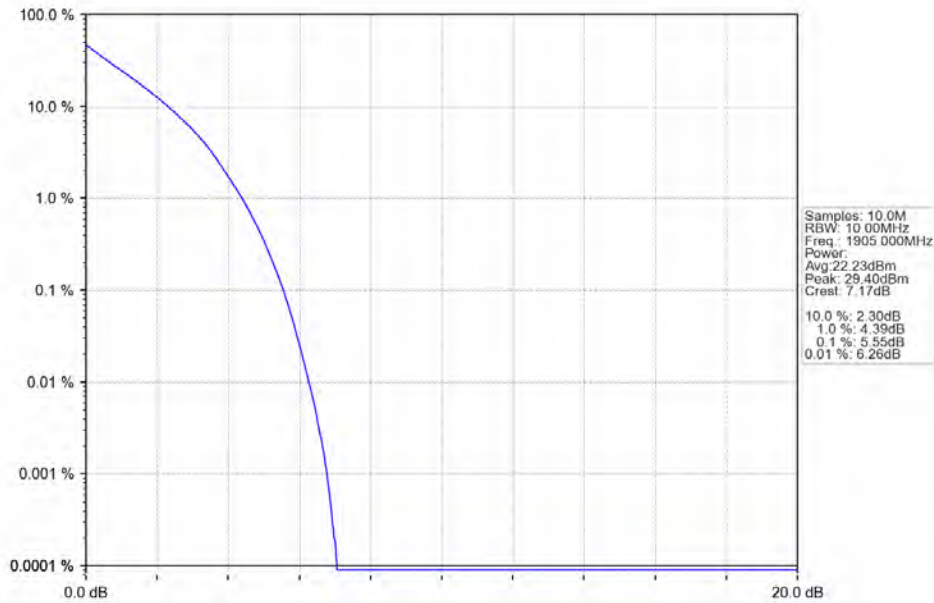
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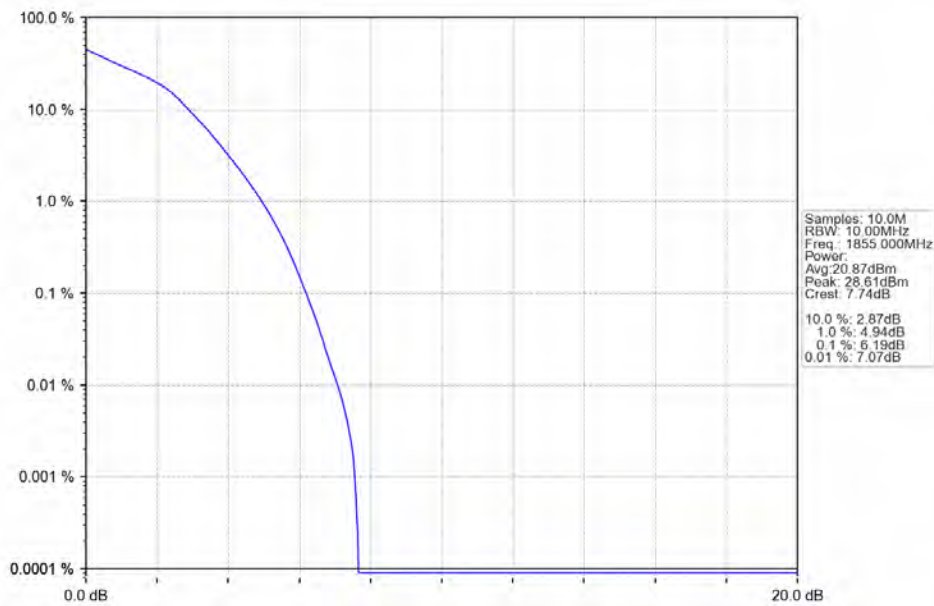
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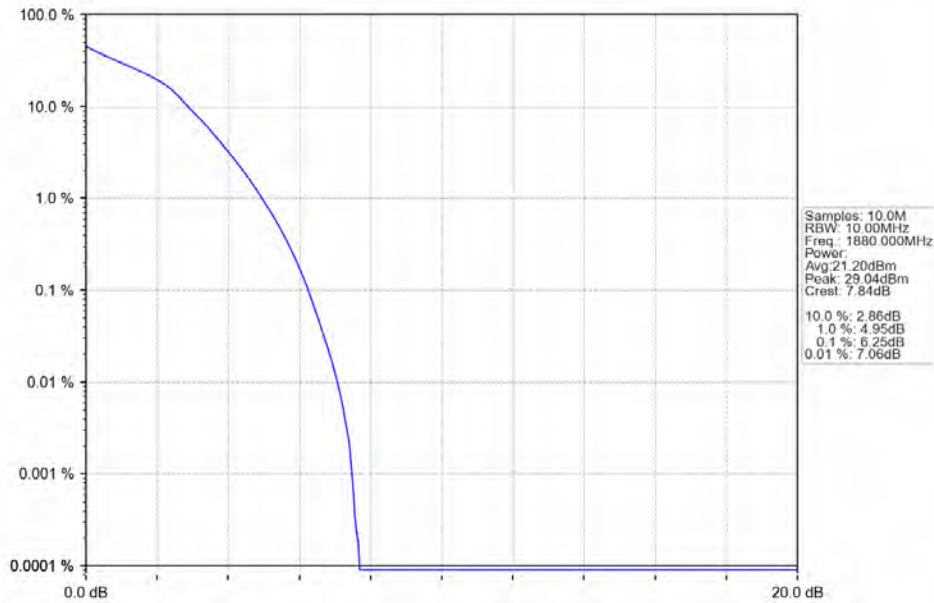
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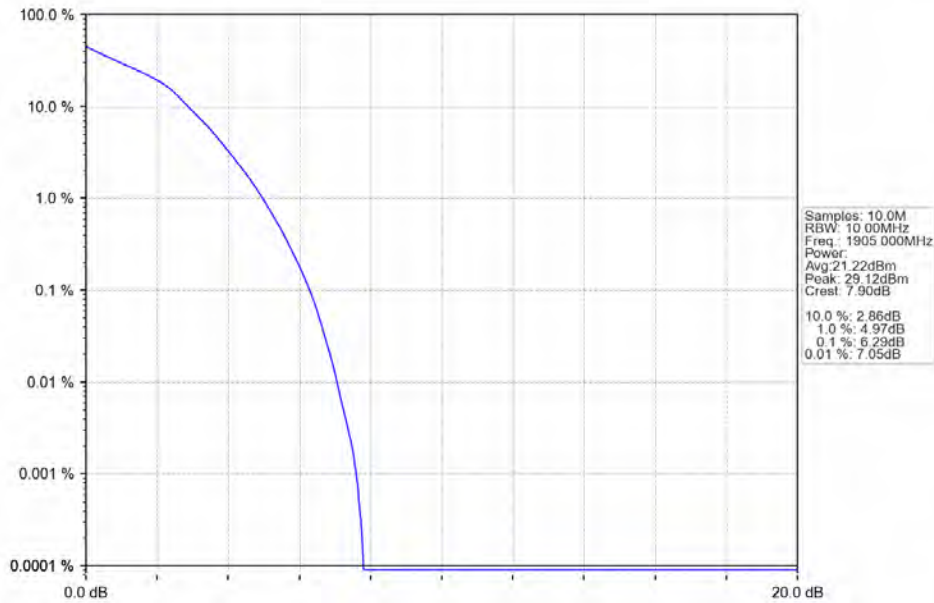
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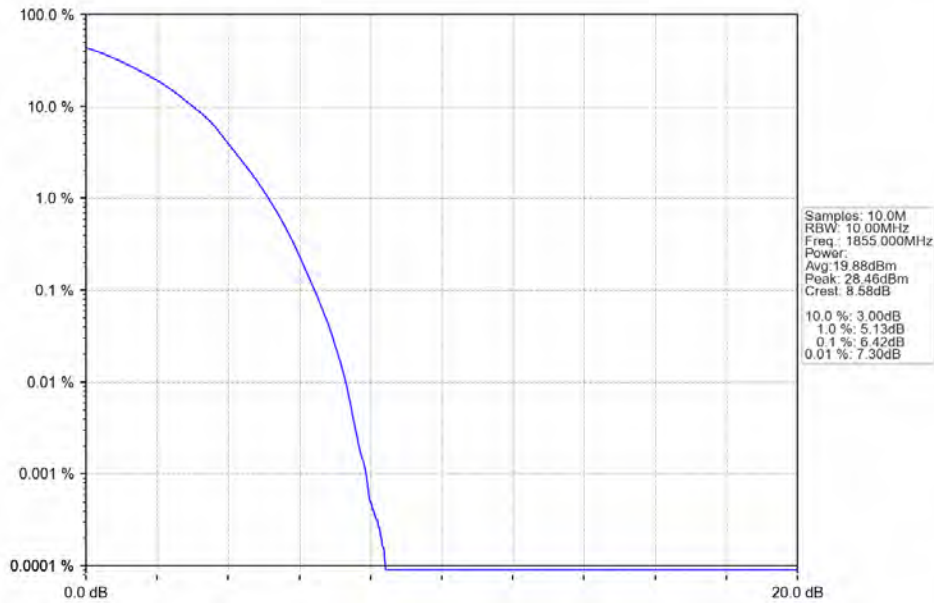
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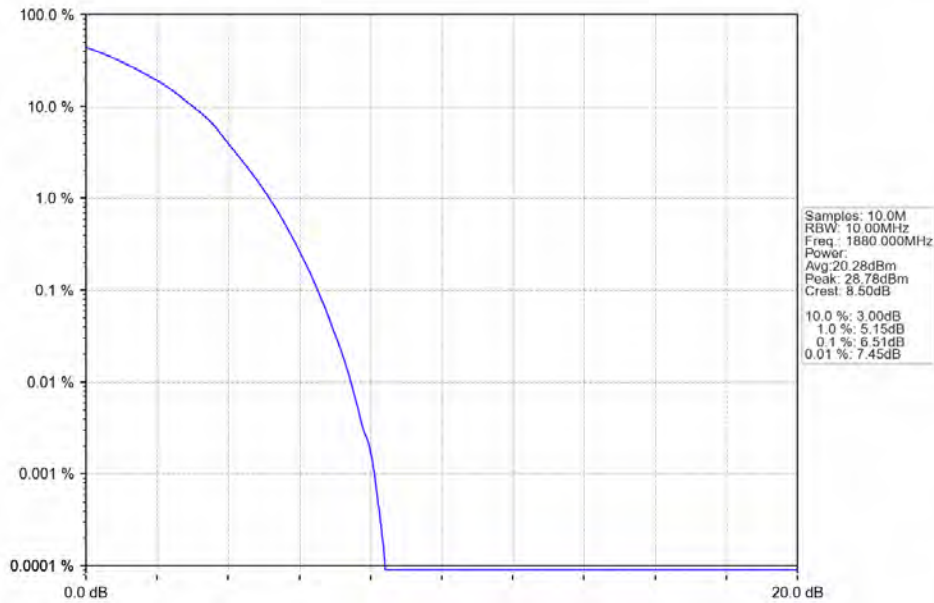
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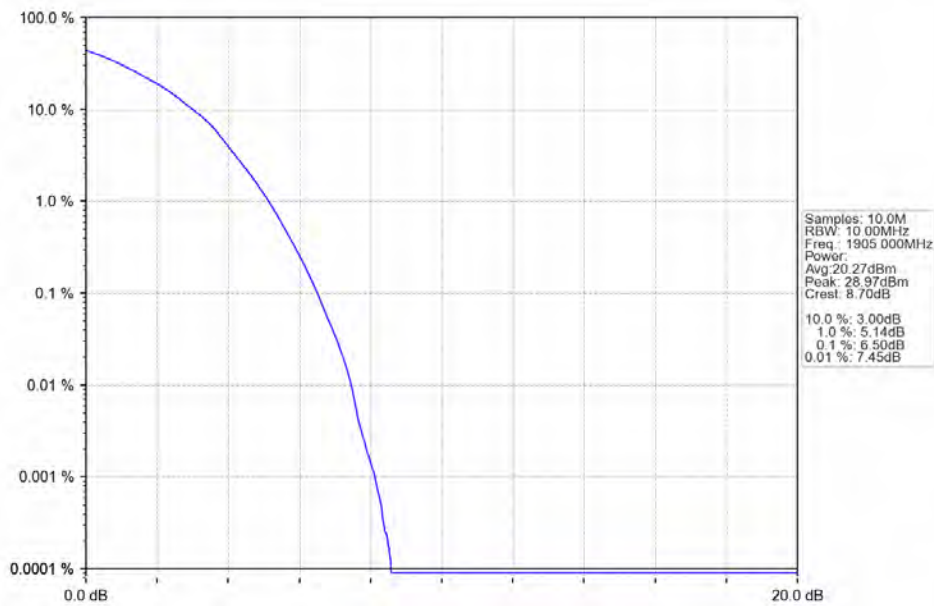
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4.5 B2_15MHz

4.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.87	<=13	Pass
	1880	75	0	5.81	<=13	Pass
	1902.5	75	0	5.87	<=13	Pass
16QAM	1857.5	75	0	6.33	<=13	Pass
	1880	75	0	6.29	<=13	Pass
	1902.5	75	0	6.32	<=13	Pass
64QAM	1857.5	75	0	6.50	<=13	Pass
	1880	75	0	6.47	<=13	Pass
	1902.5	75	0	6.54	<=13	Pass



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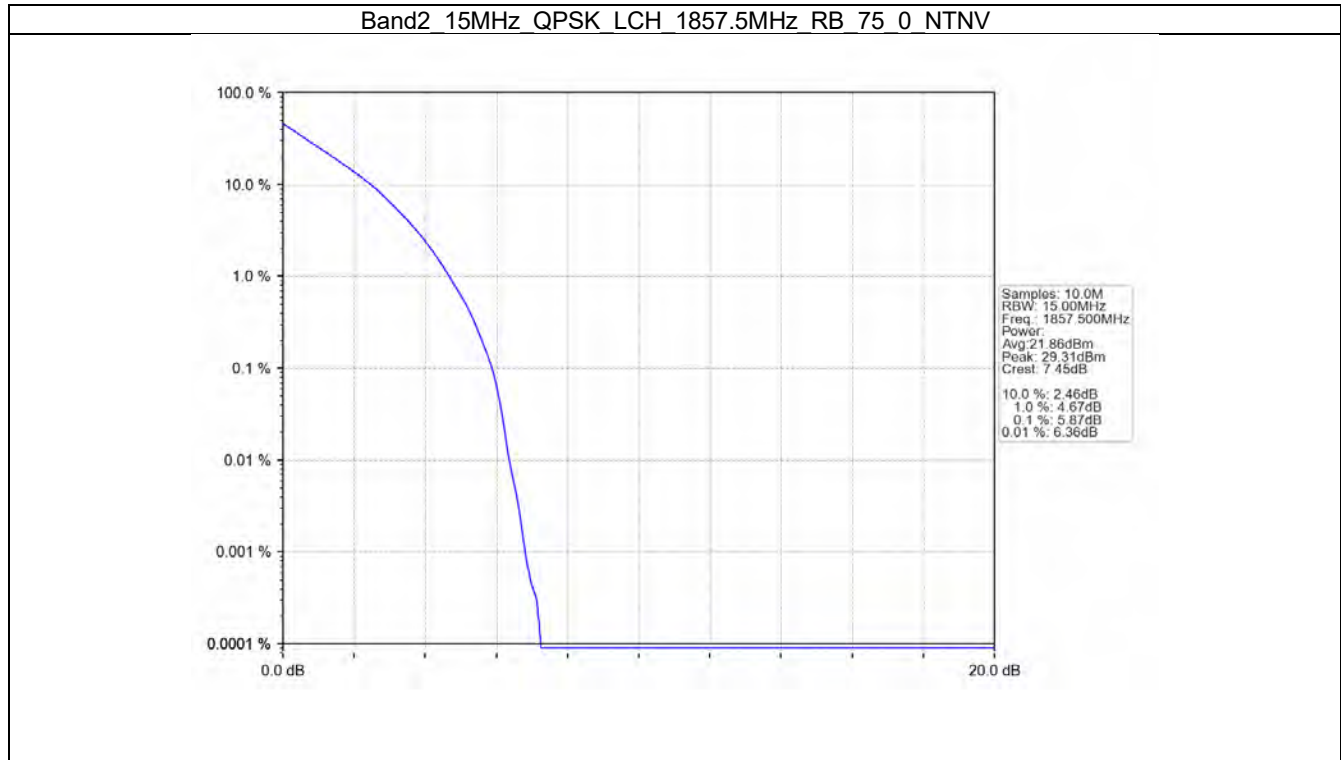
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4.5.2 Test Graph



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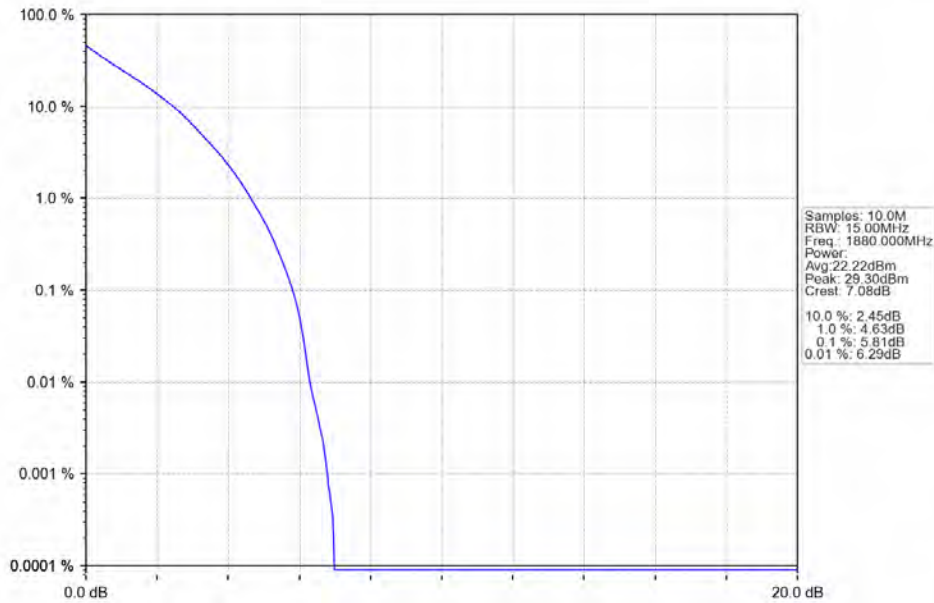
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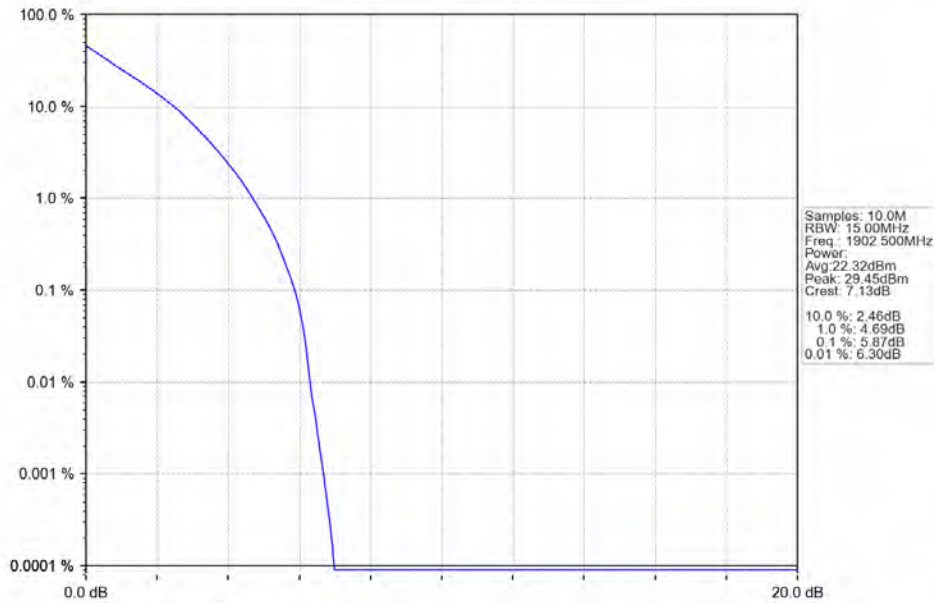
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Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



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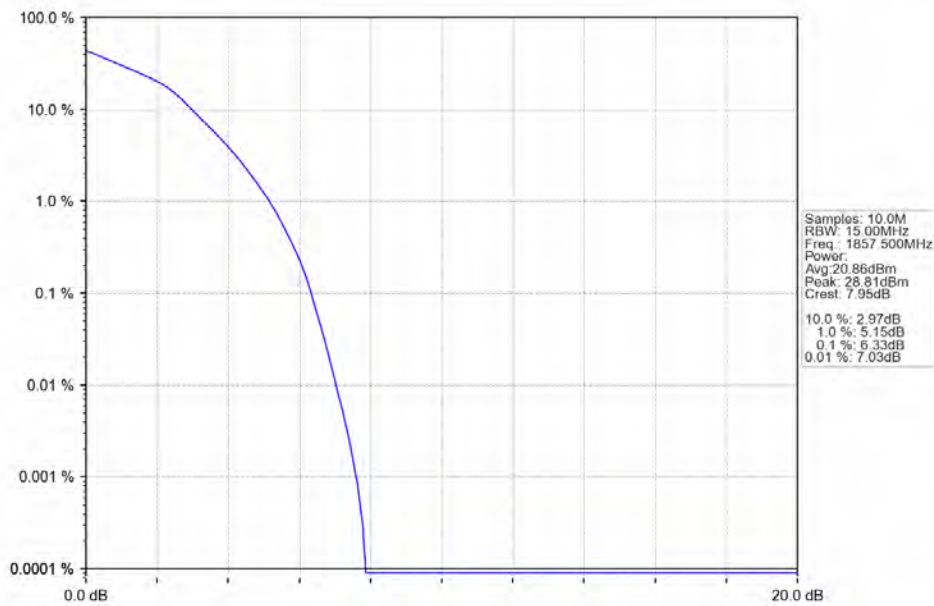
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Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



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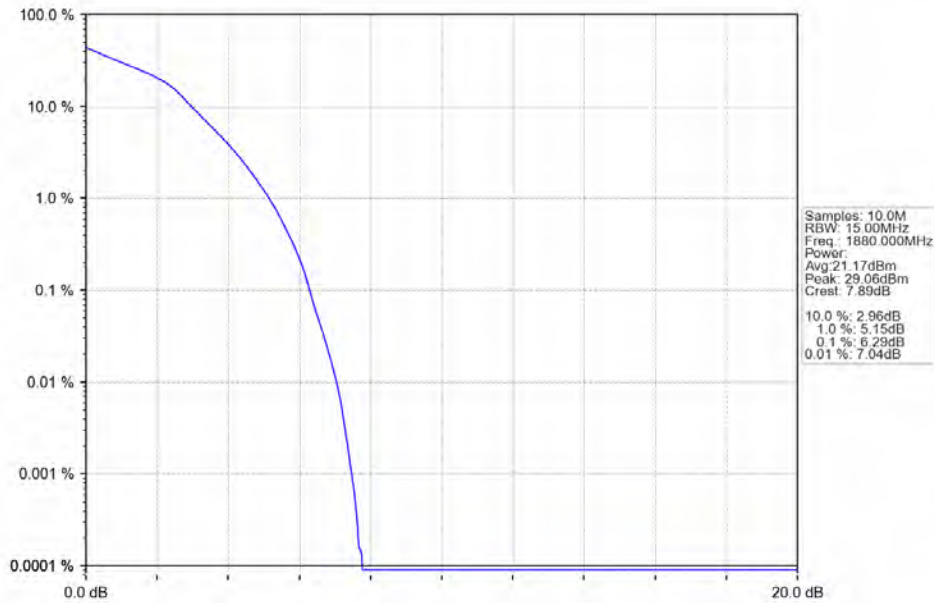
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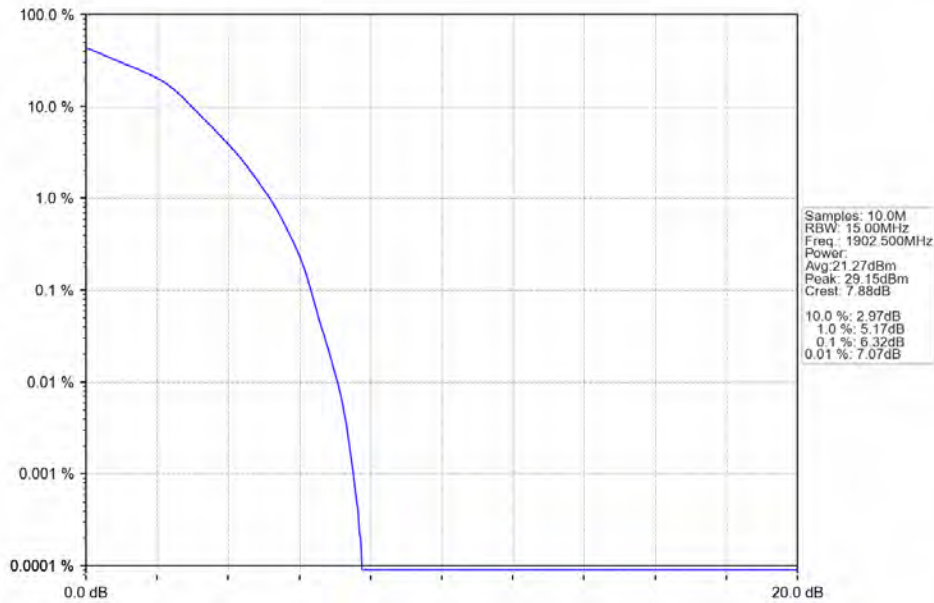
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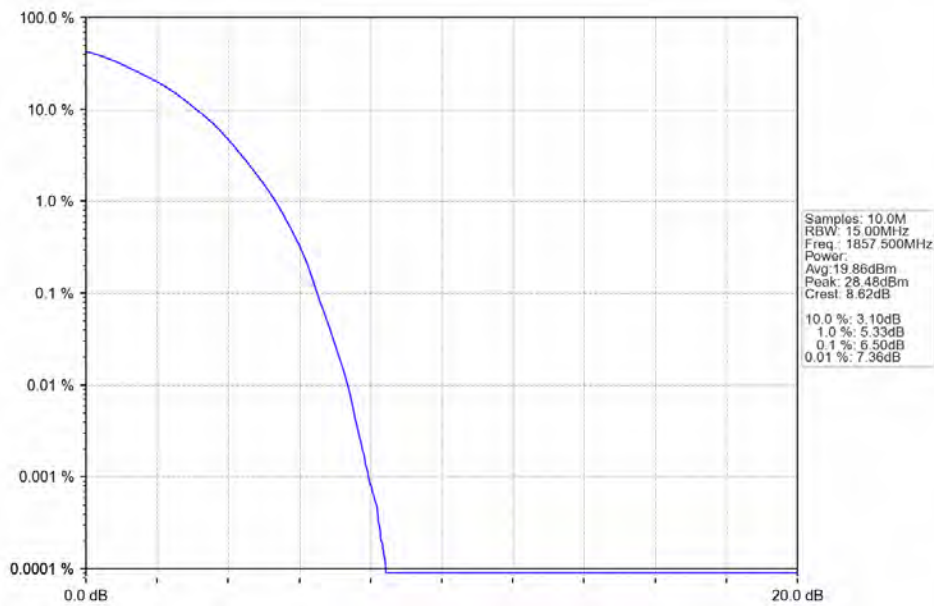
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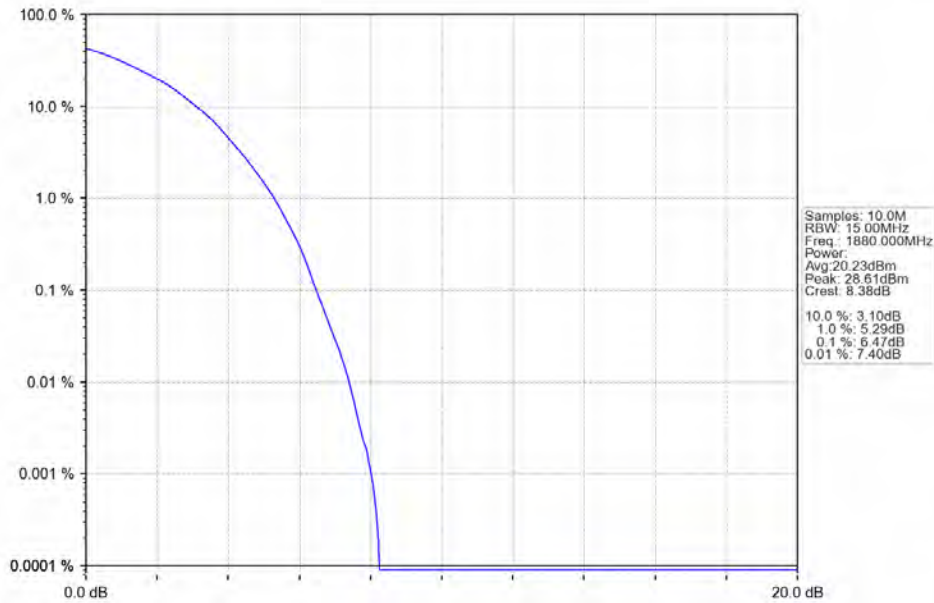
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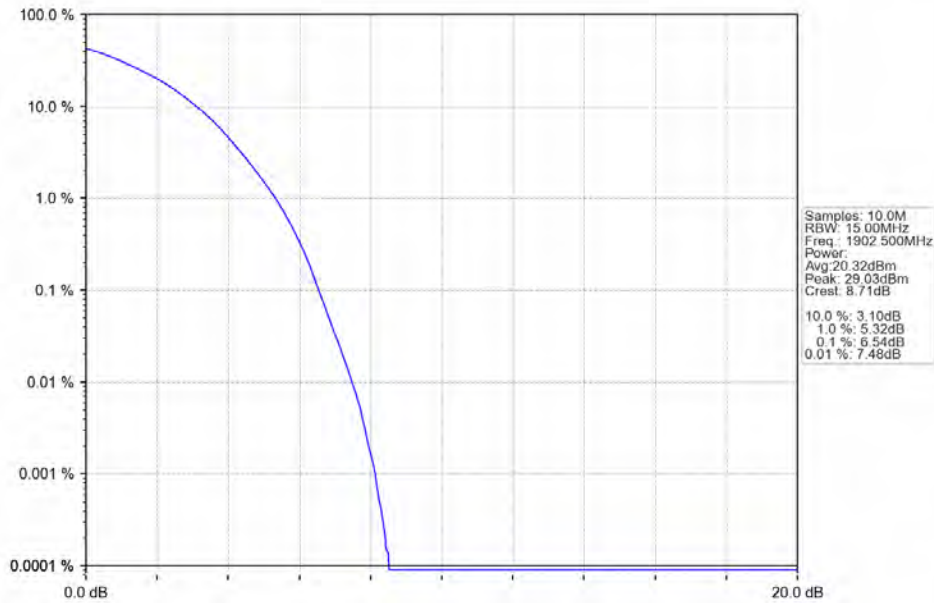
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4.6 B2_20MHz

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	5.58	<=13	Pass
	1880	100	0	5.46	<=13	Pass
	1900	100	0	5.59	<=13	Pass
16QAM	1860	100	0	6.31	<=13	Pass
	1880	100	0	6.23	<=13	Pass
	1900	100	0	6.29	<=13	Pass
64QAM	1860	100	0	6.55	<=13	Pass
	1880	100	0	6.46	<=13	Pass
	1900	100	0	6.51	<=13	Pass



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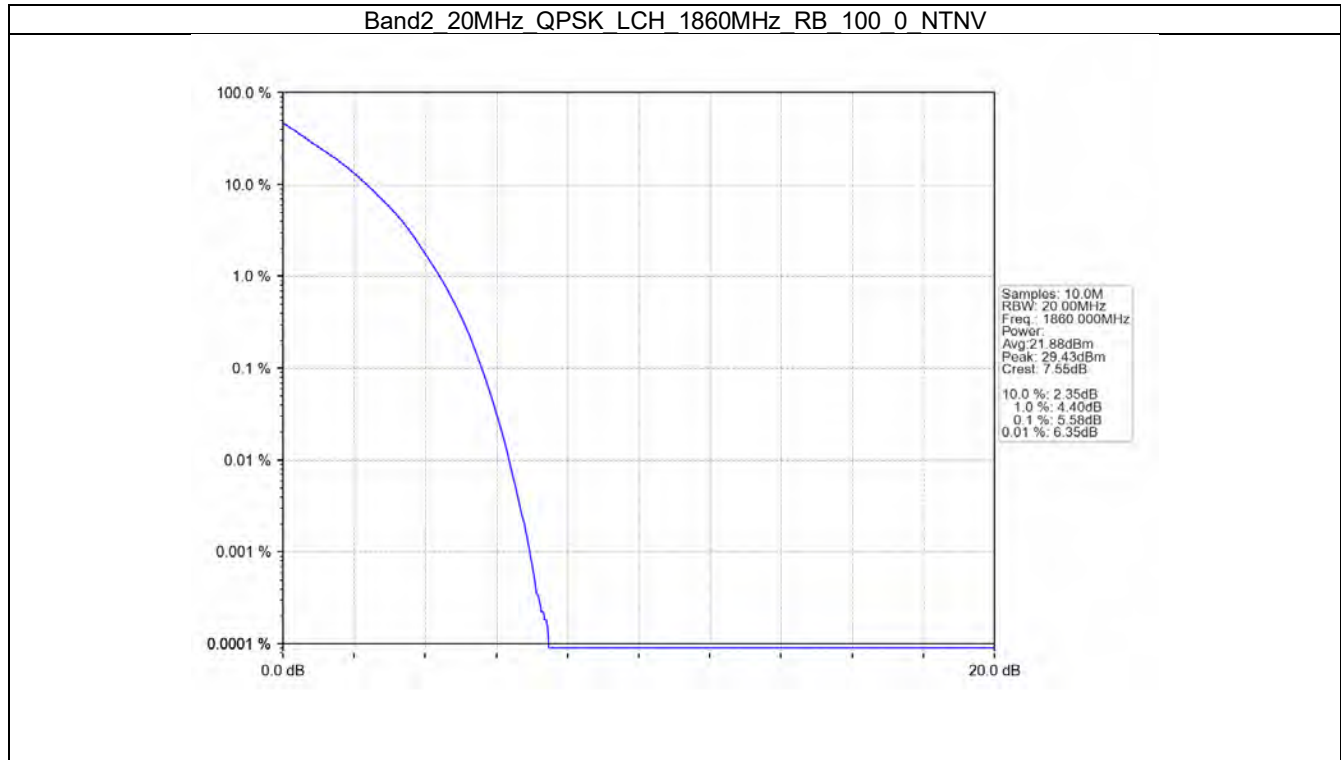
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4.6.2 Test Graph



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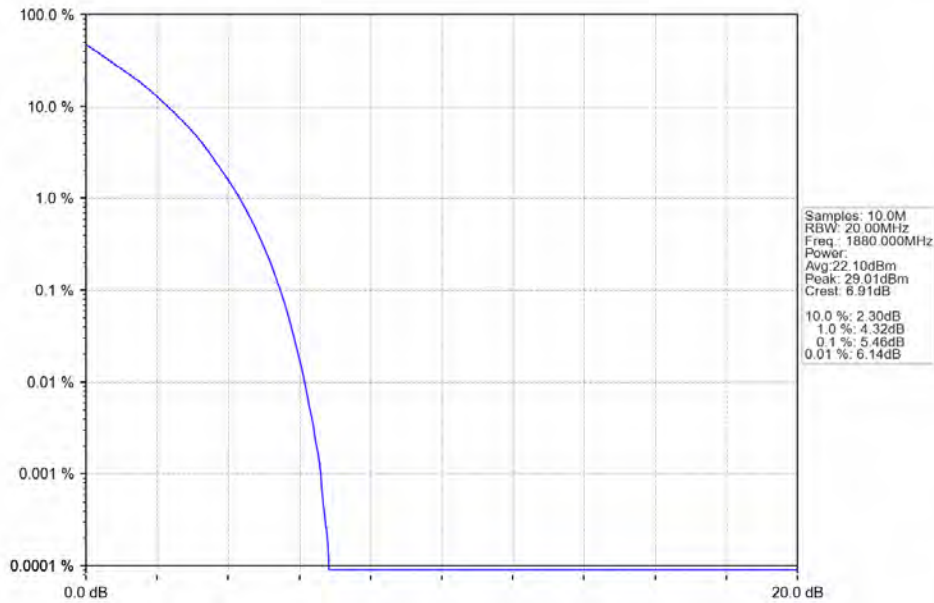
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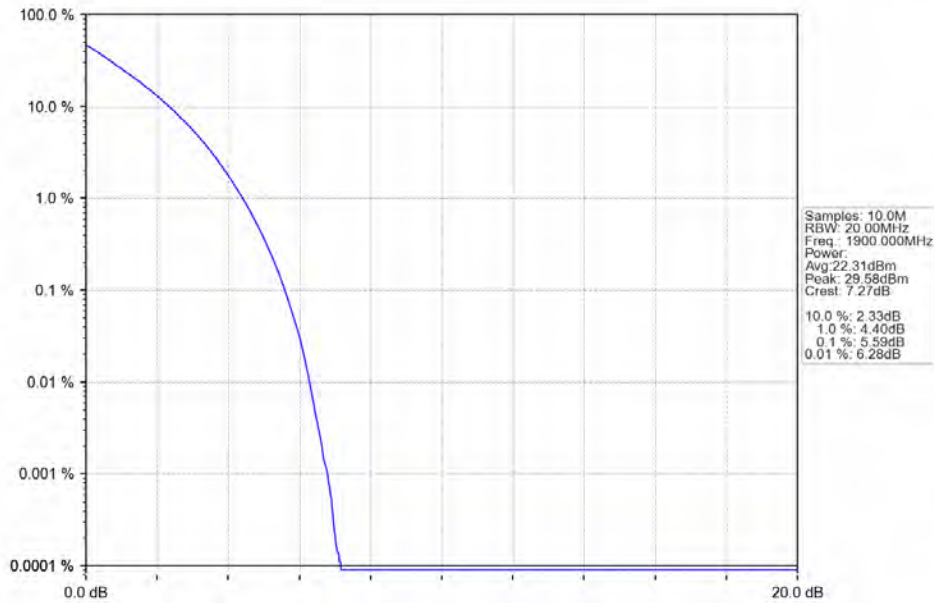
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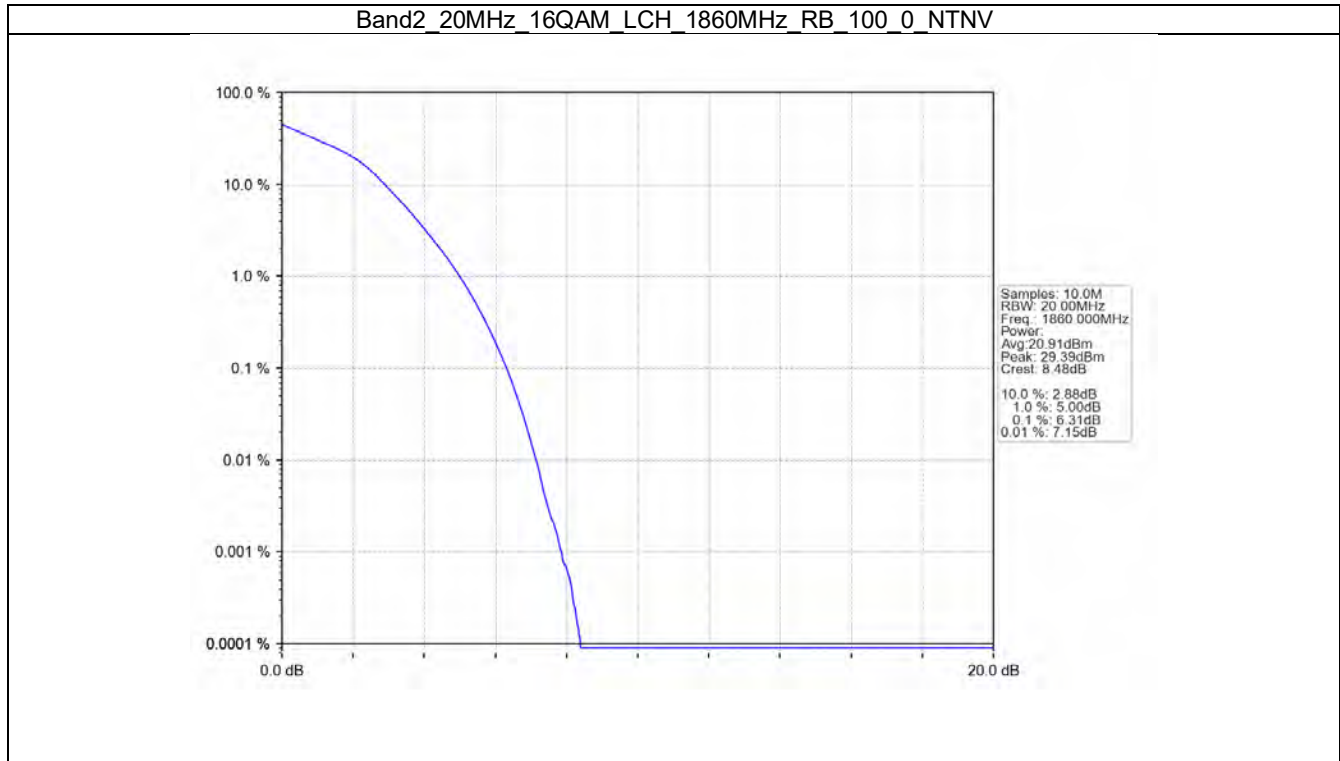


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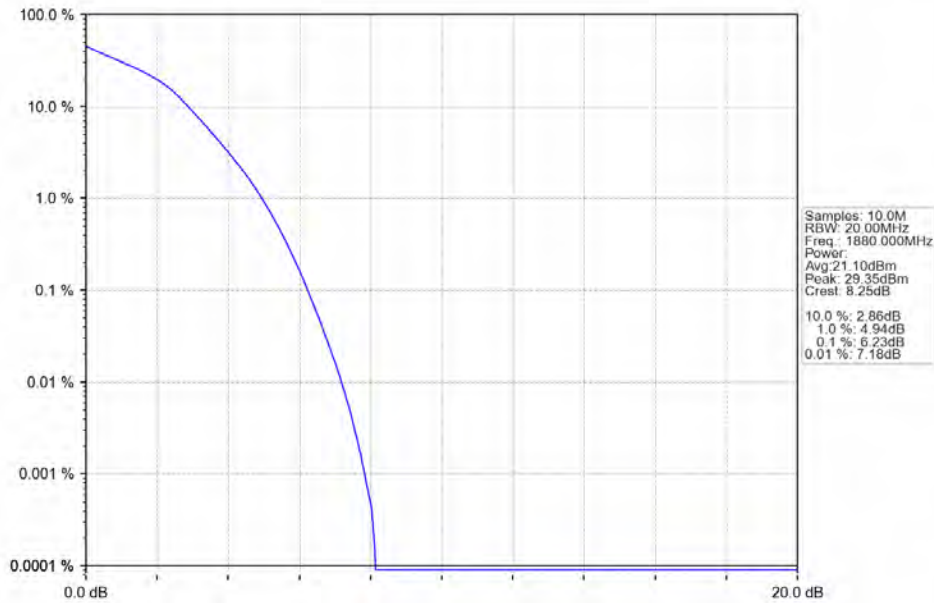
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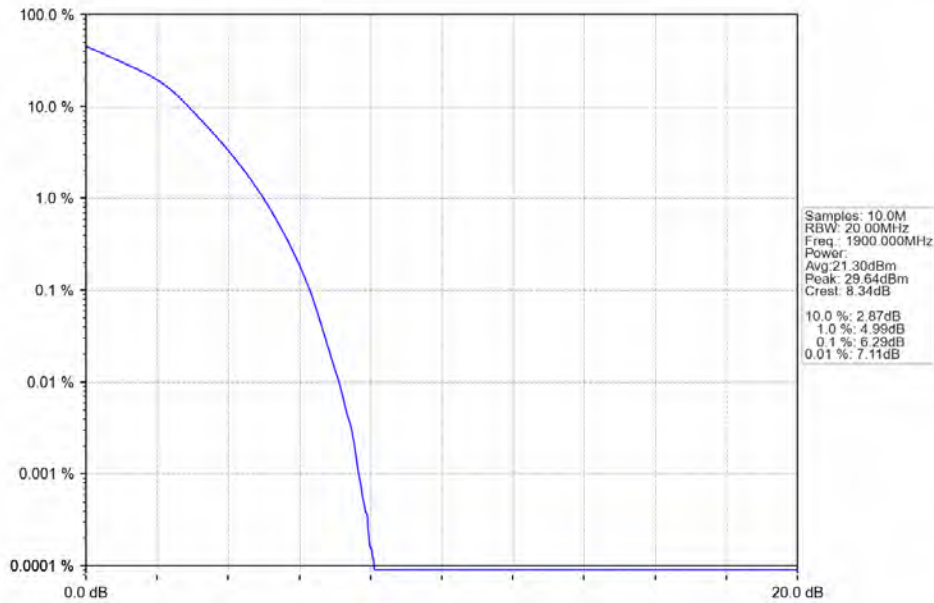
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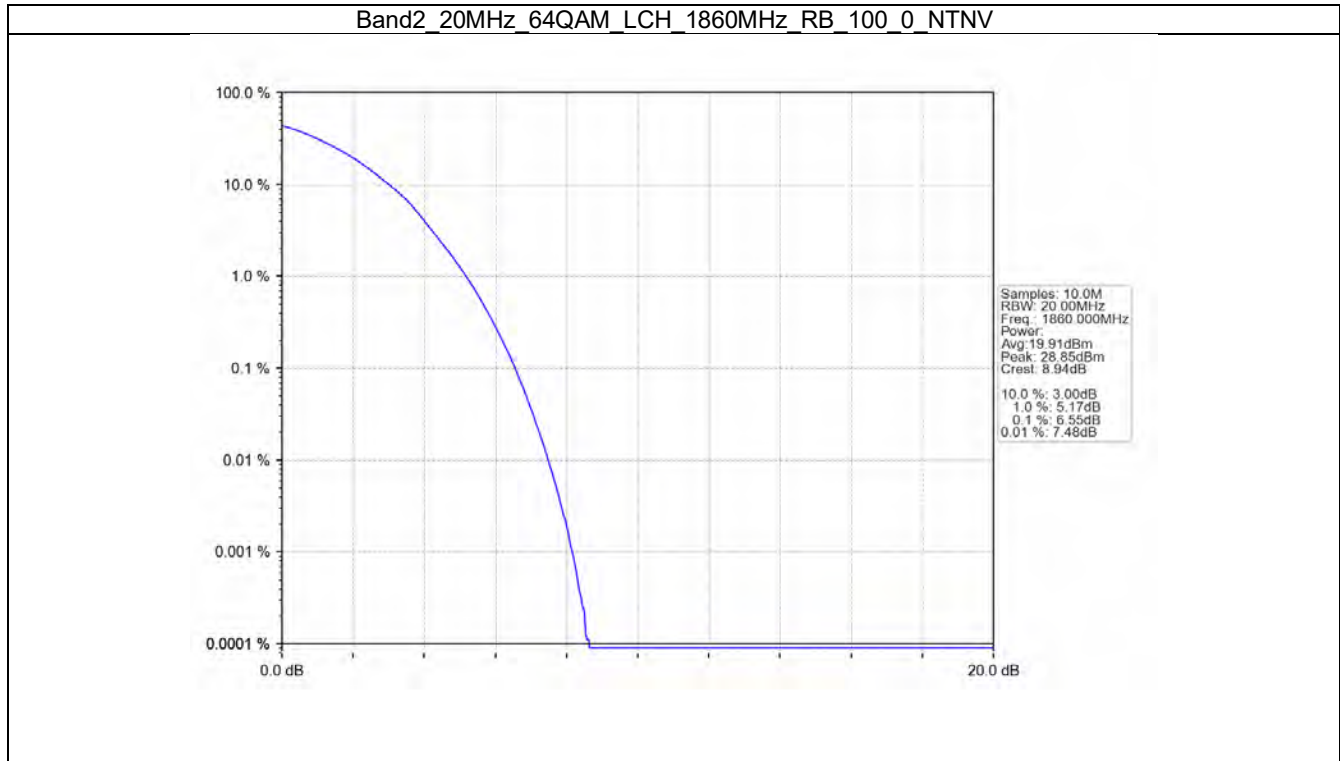


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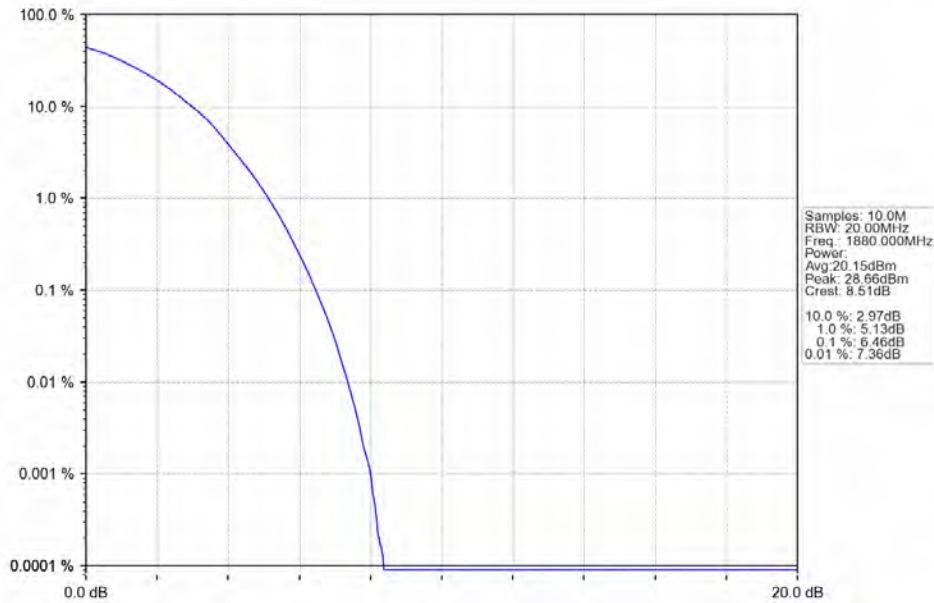
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Band2_20MHz_64QAM_MCH_1880MHz_RB_100_0_NTNV



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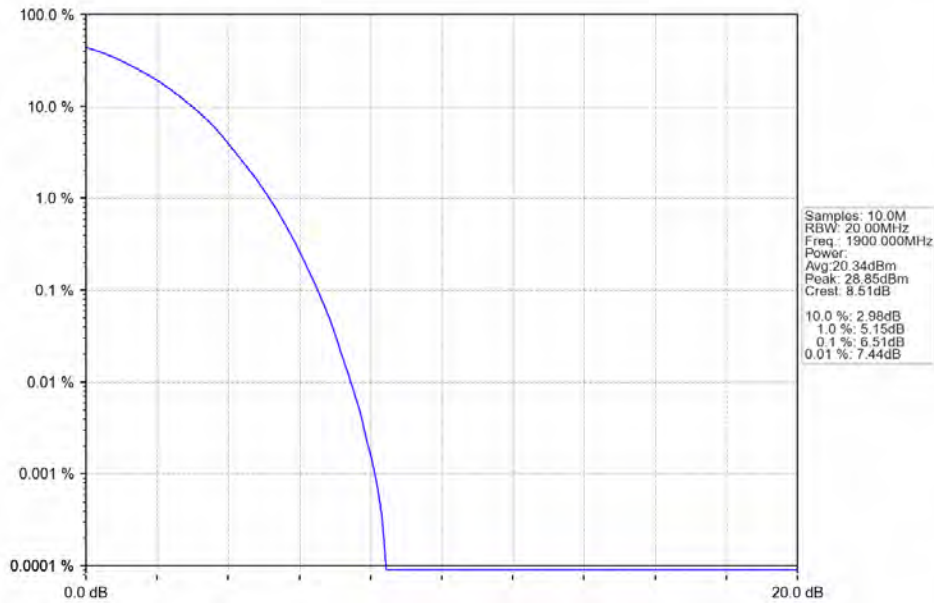
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Band2_20MHz_64QAM_HCH_1900MHz_RB_100_0_NTNV



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5. Spurious Emission & Band Edges

5.1 B2_1.4MHz

5.1.1 Test Result

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



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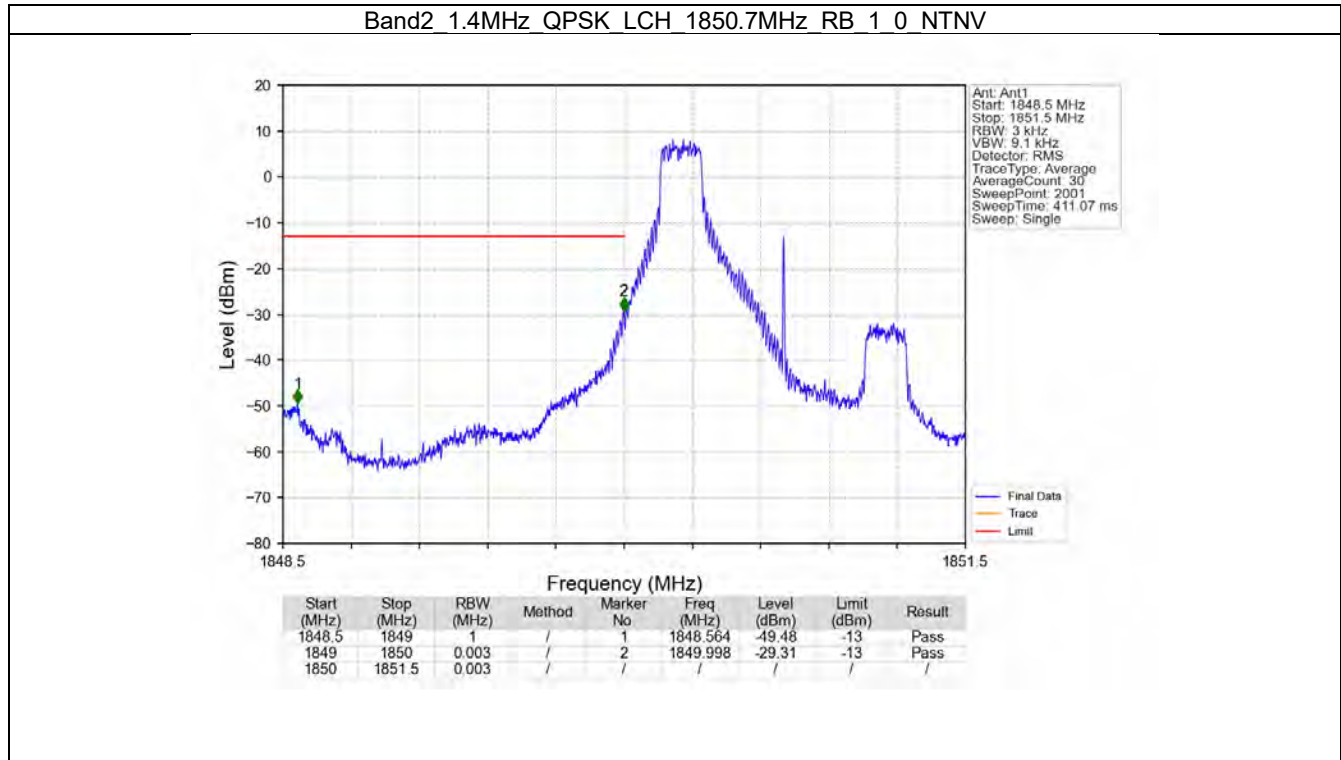
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5.1.2 Test Graph



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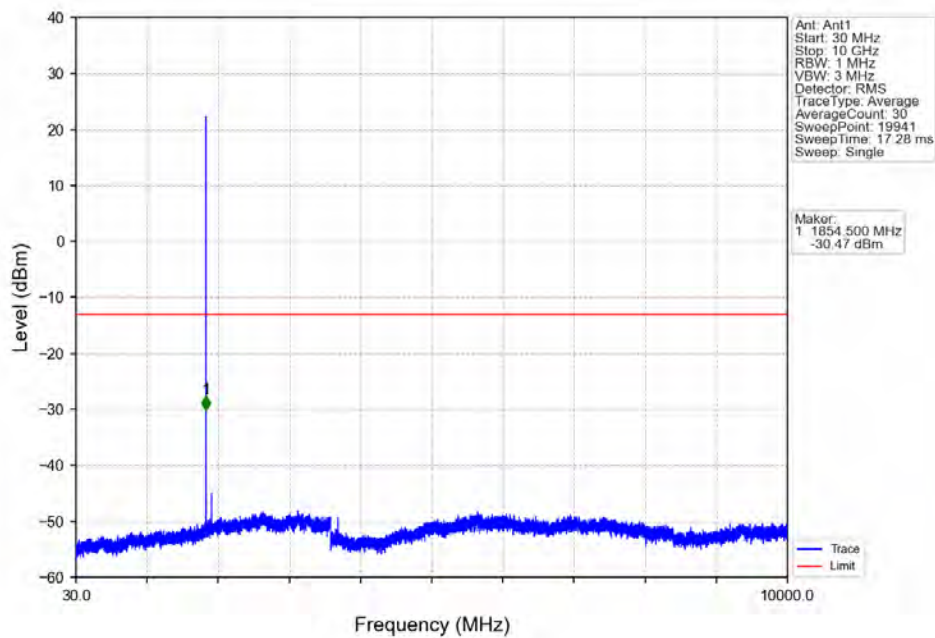
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Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



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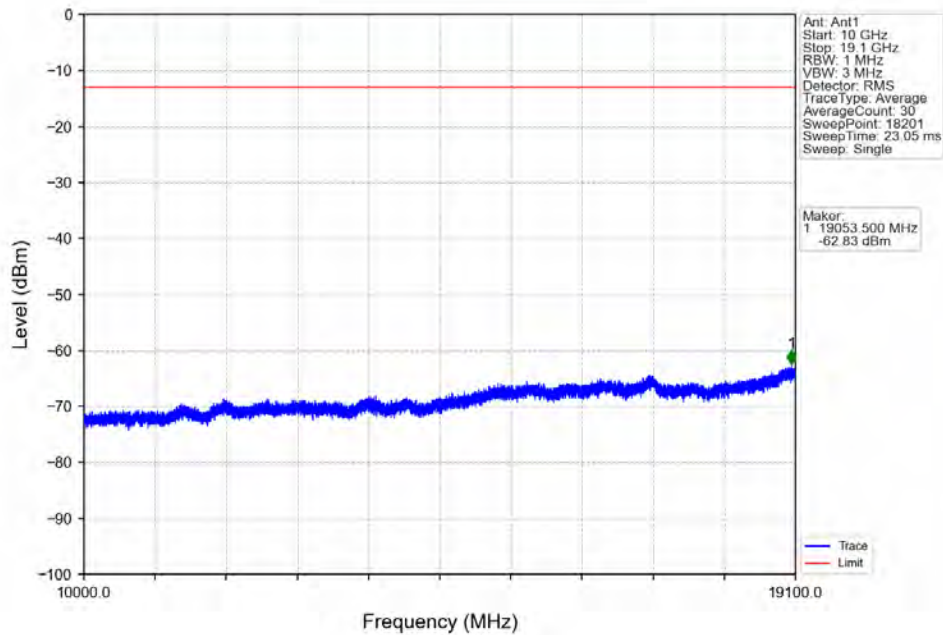
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Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



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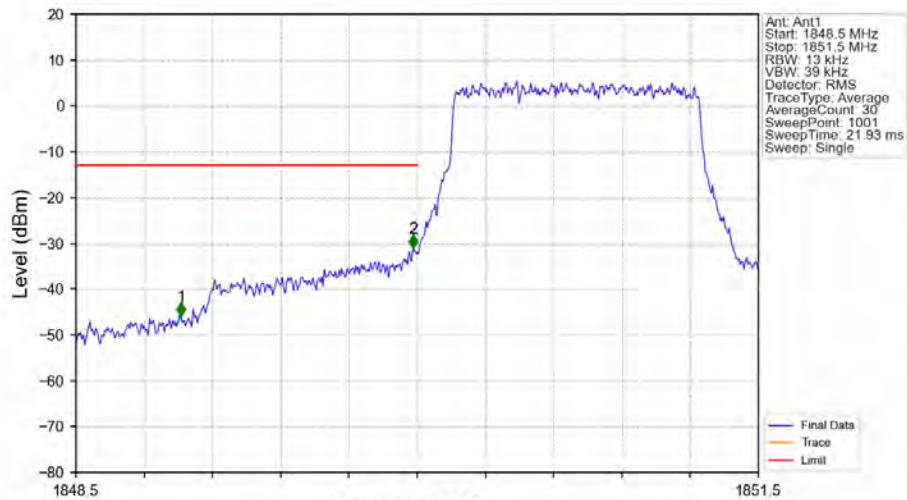
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Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.962	-45.91	-13	Pass
1849	1850	0.013	/	2	1849.982	-31.17	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/



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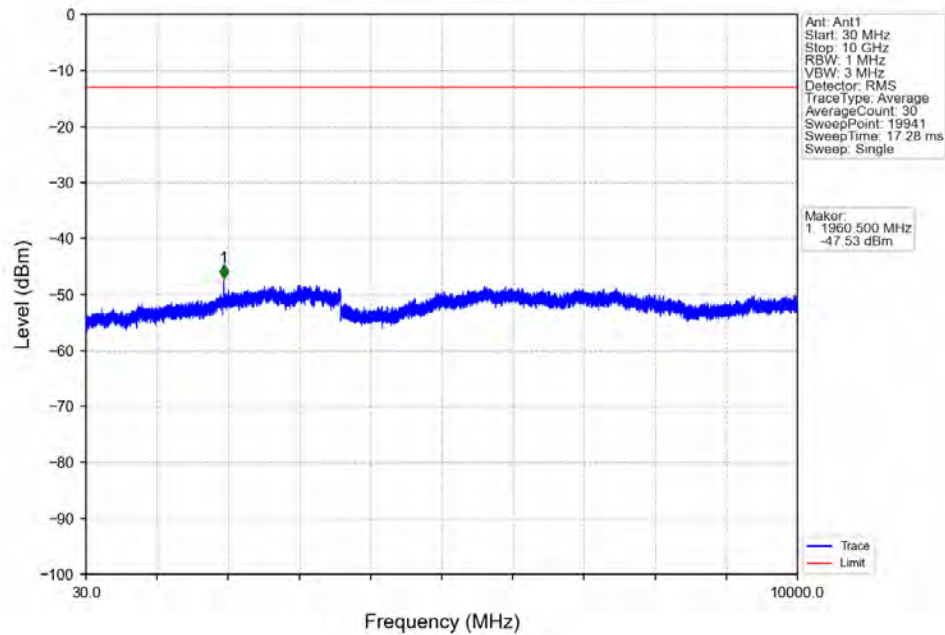
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Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



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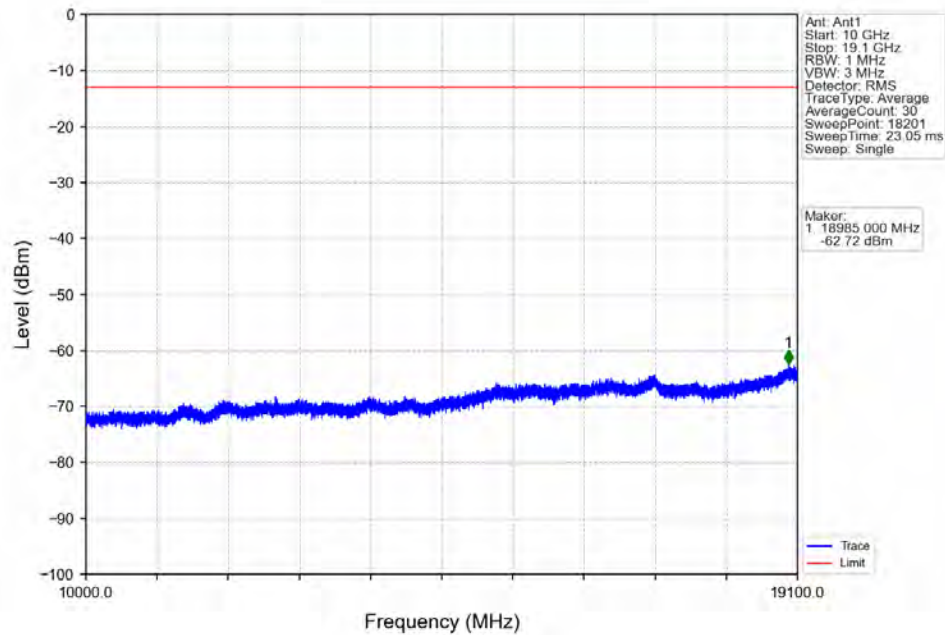
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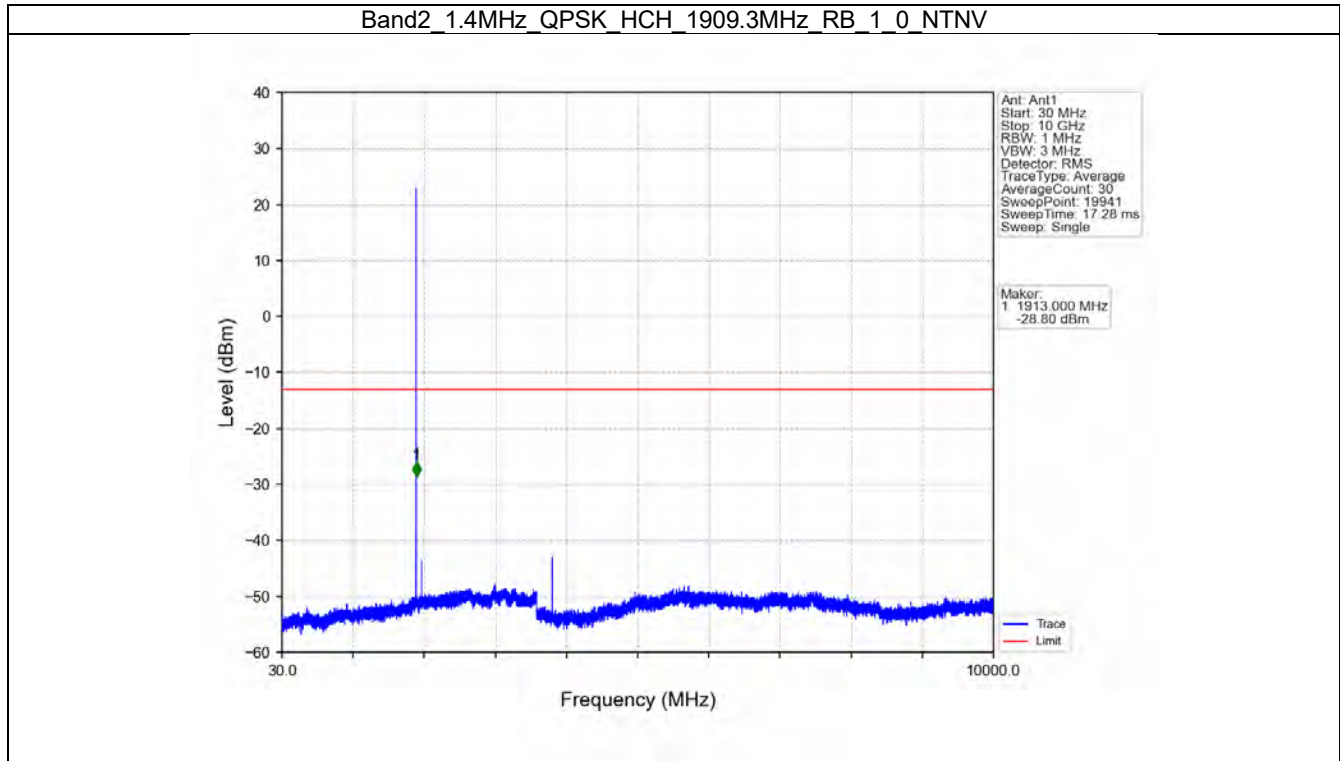


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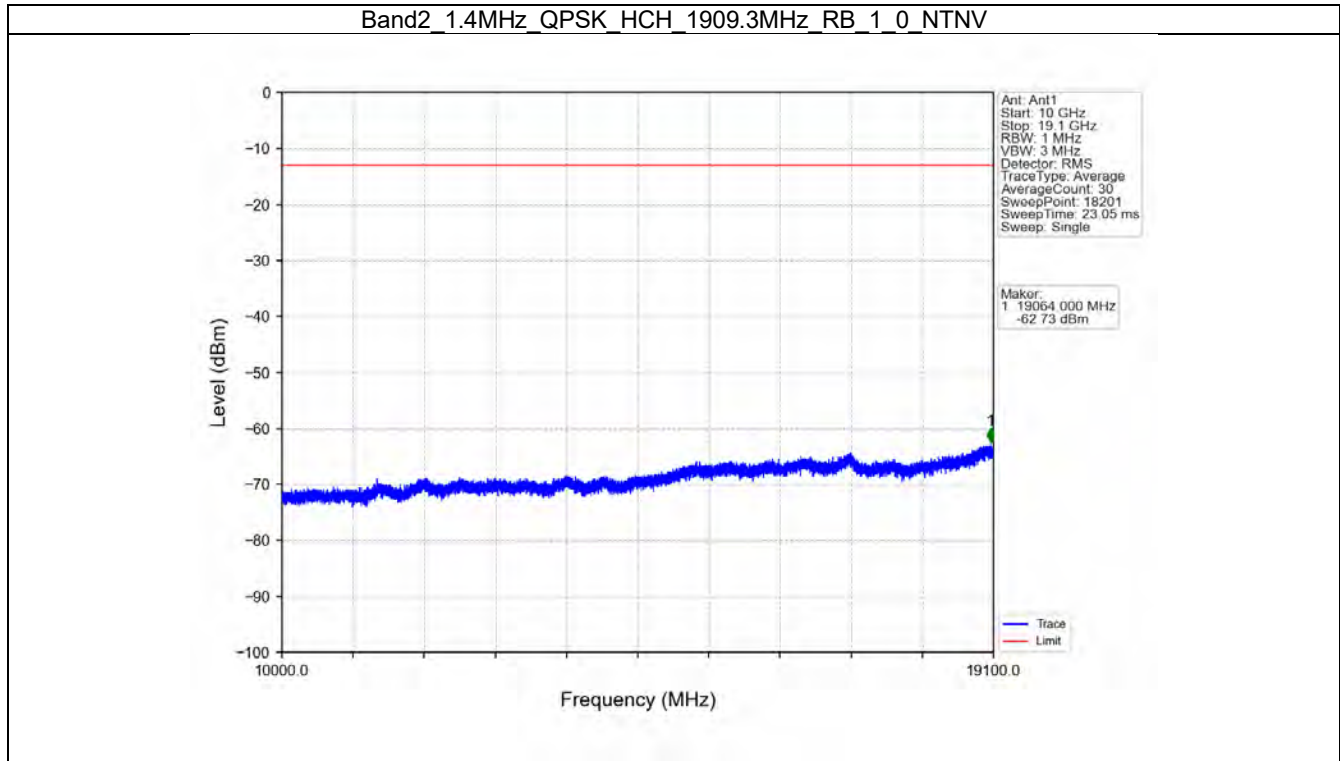


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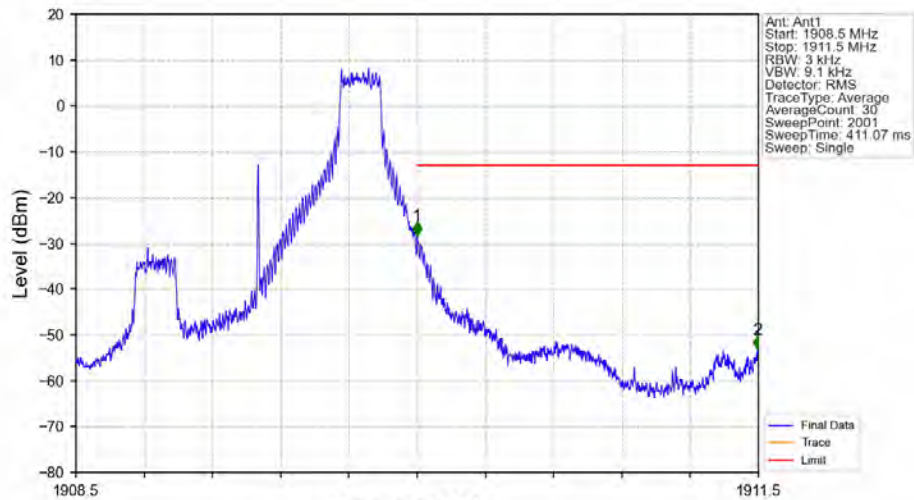
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Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_5_NTNV



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	1910.000	-28.31	-13	Pass
1911	1911.5	1	/	2	1911.497	-53.14	-13	Pass



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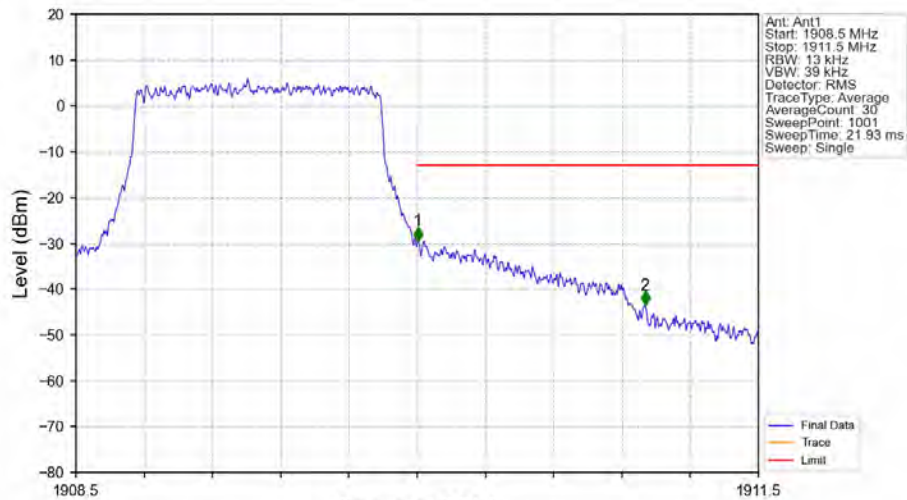
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Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.013	/	/	/	/	/	/
1910	1911	0.013	/	1	1910.003	-29.49	-13	Pass
1911	1911.5	1	/	2	1911.002	-43.43	-13	Pass



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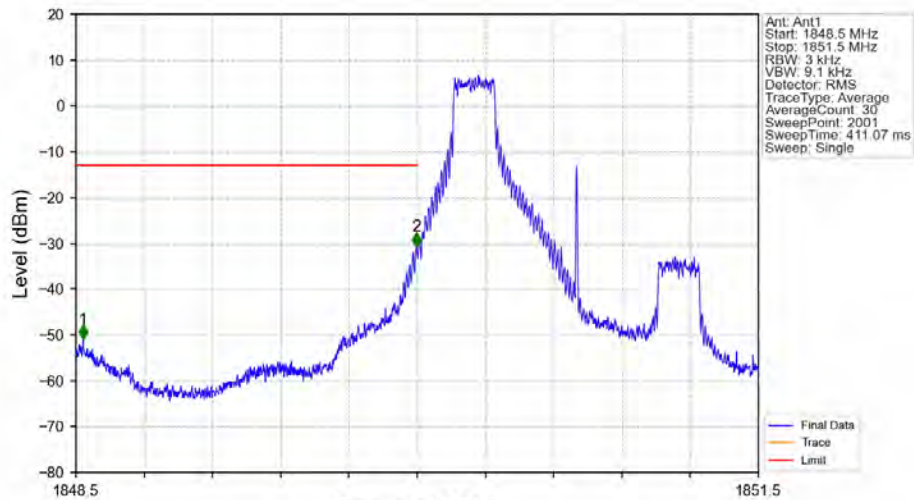
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Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.532	-50.91	-13	Pass
1849	1850	0.003	/	2	1849.995	-30.71	-13	Pass
1850	1851.5	0.003	/	/	/	/	/	/



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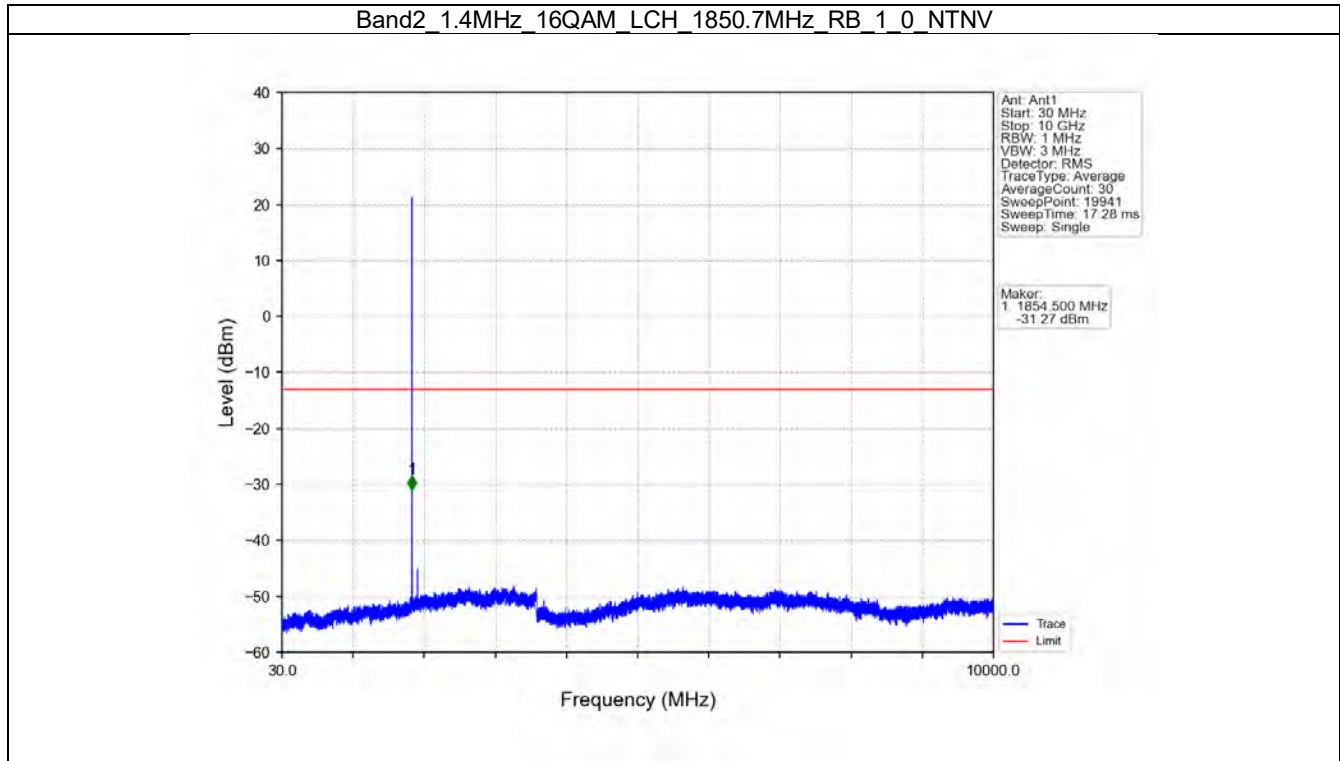


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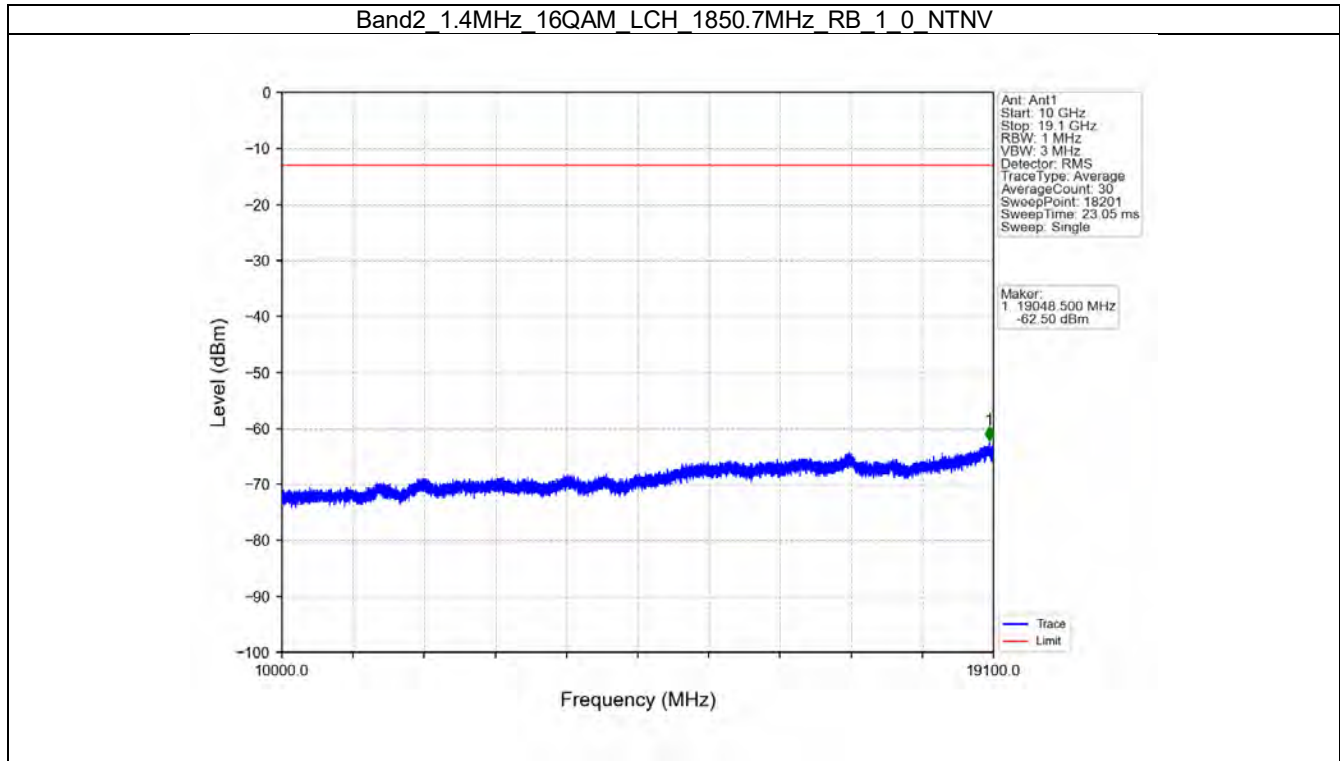


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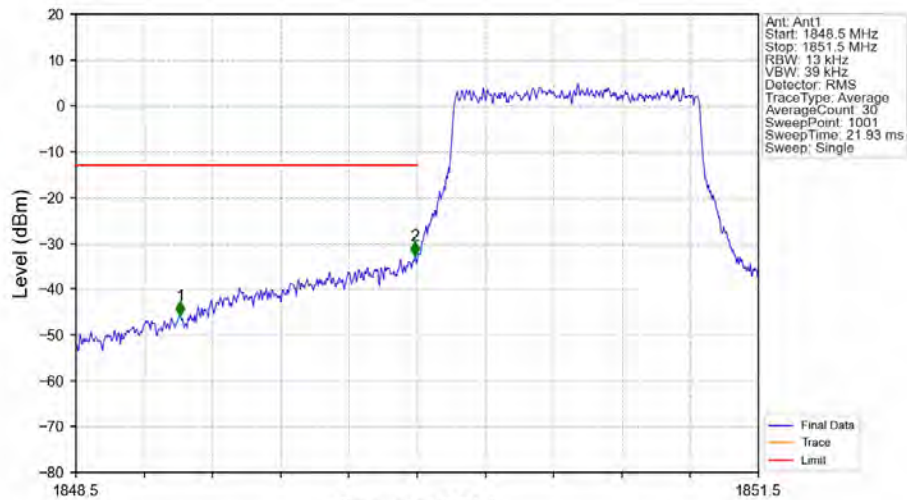
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Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.959	-45.73	-13	Pass
1849	1850	0.013	/	2	1849.991	-32.73	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/



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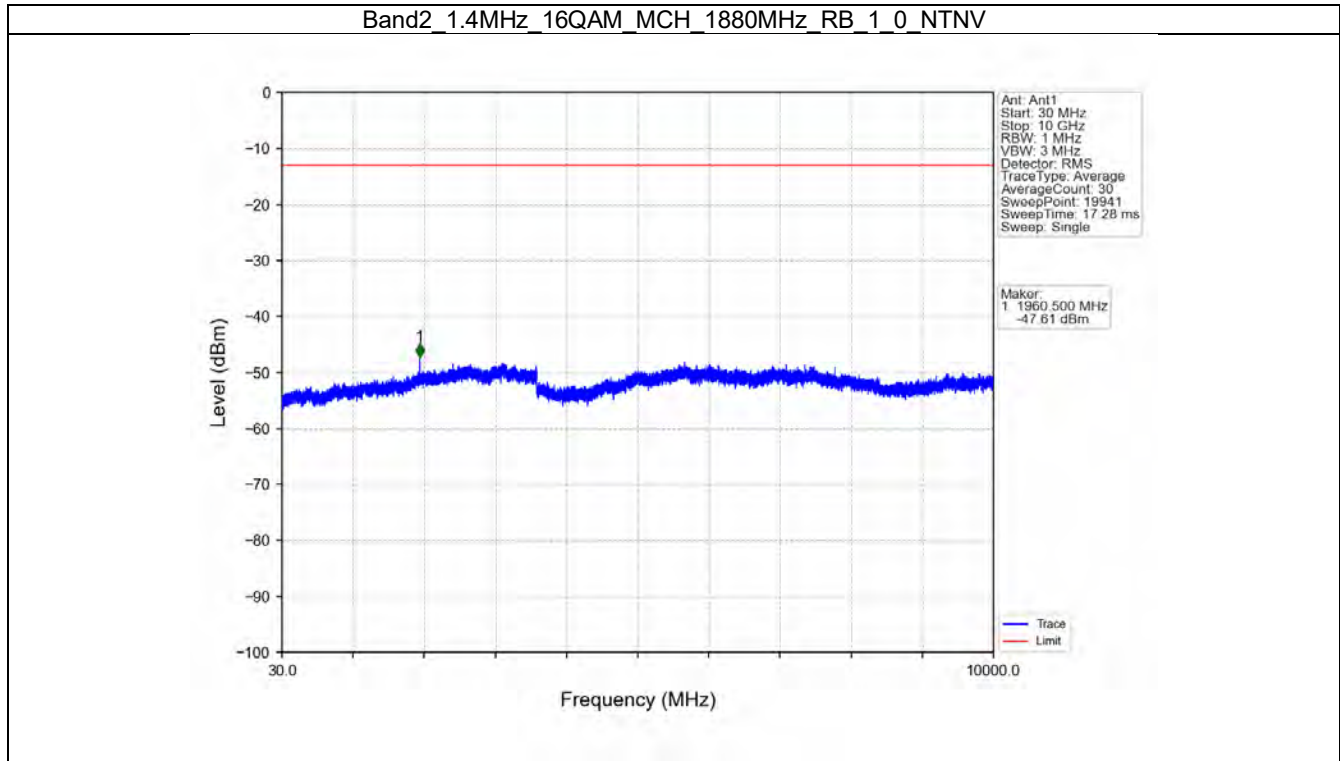


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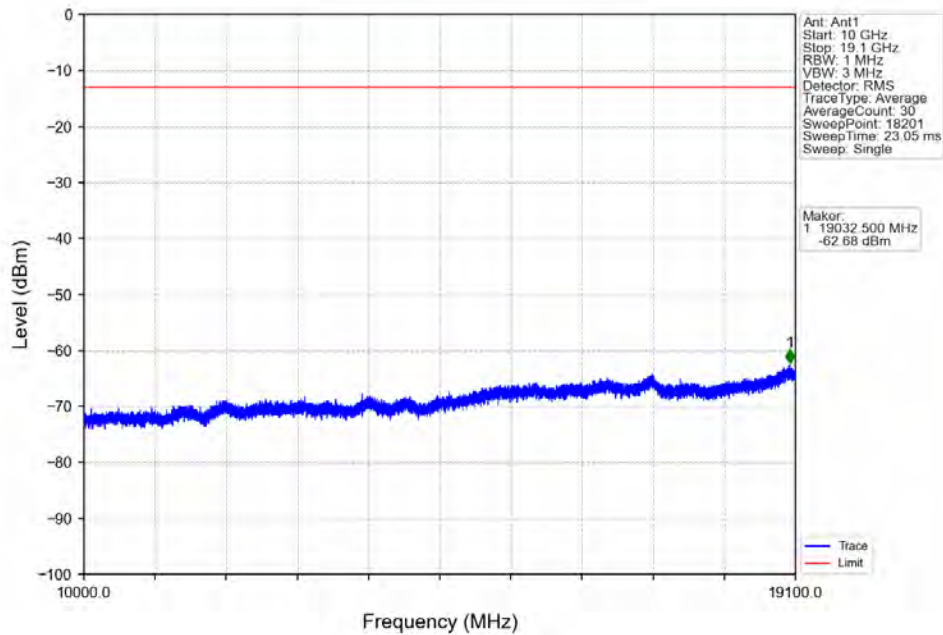
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Band2_1.4MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



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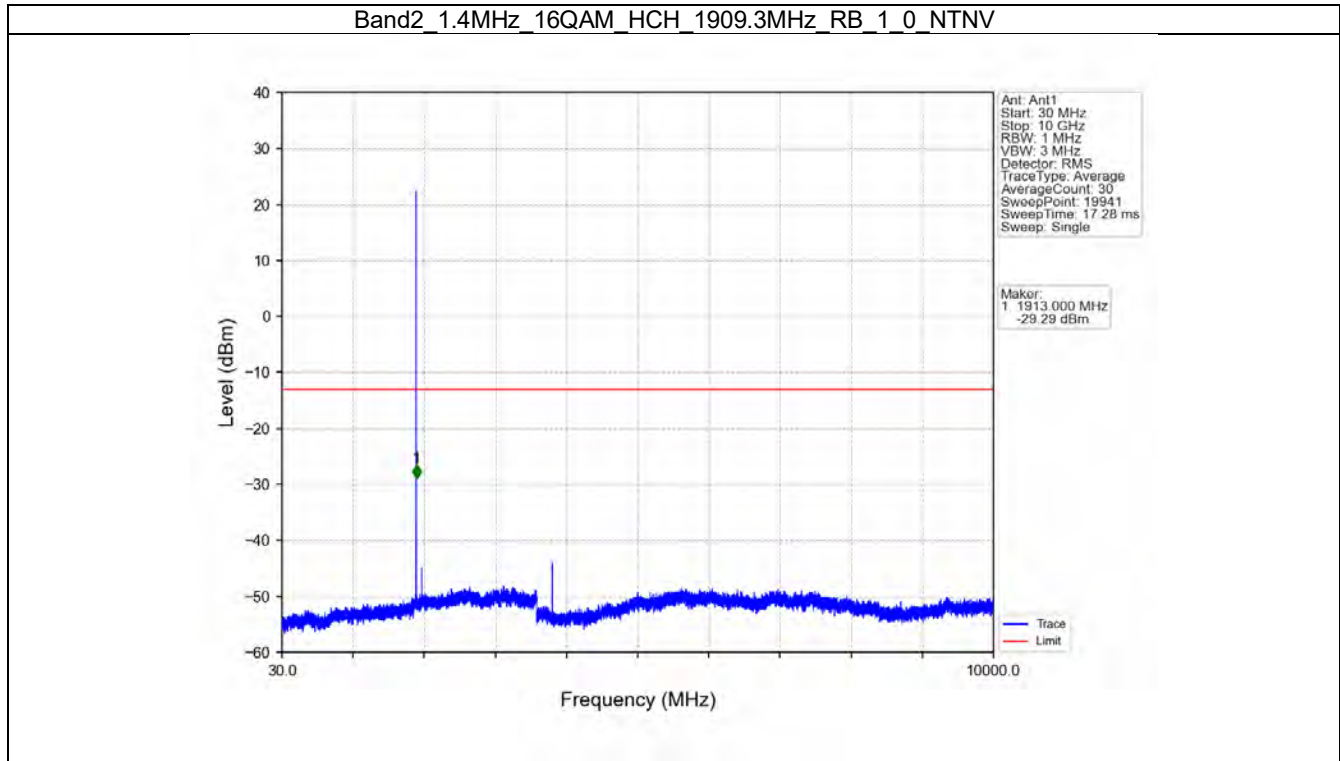


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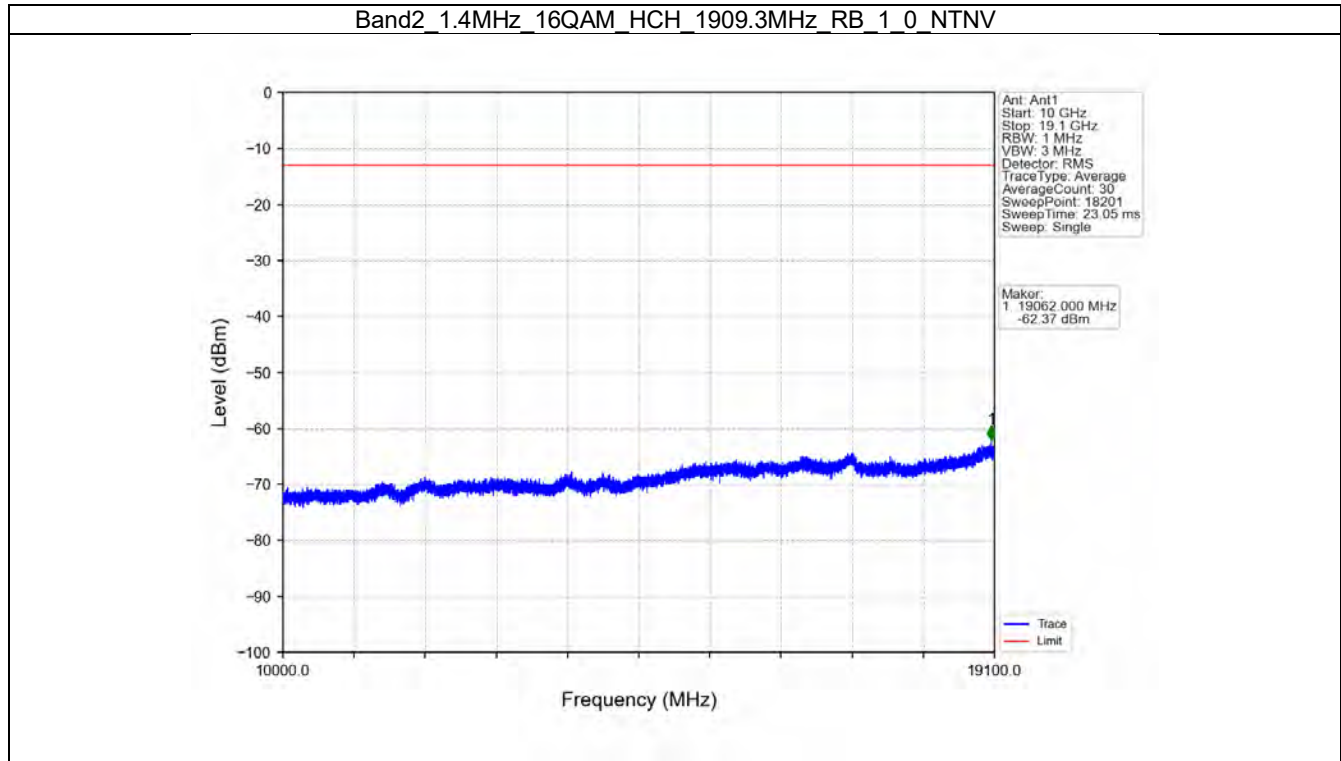


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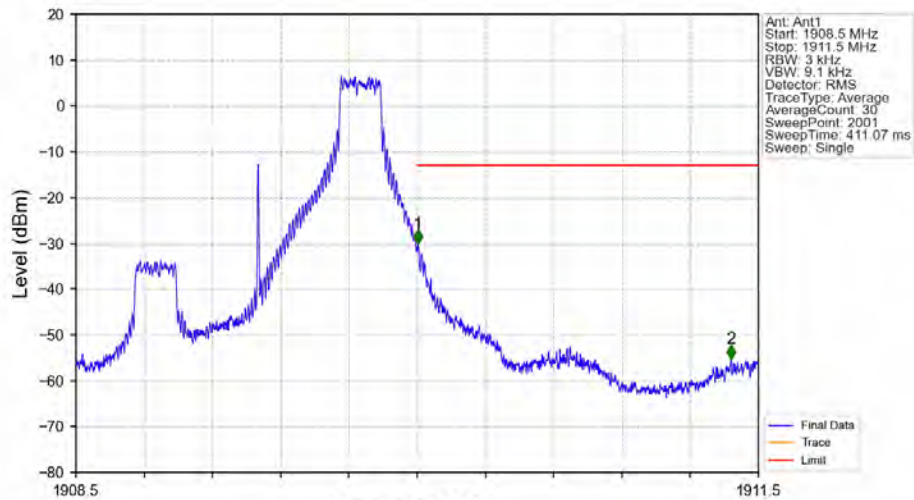
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Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_1_5_NTNV



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	1910.003	-30.08	-13	Pass
1911	1911.5	1	/	2	1911.379	-55.23	-13	Pass



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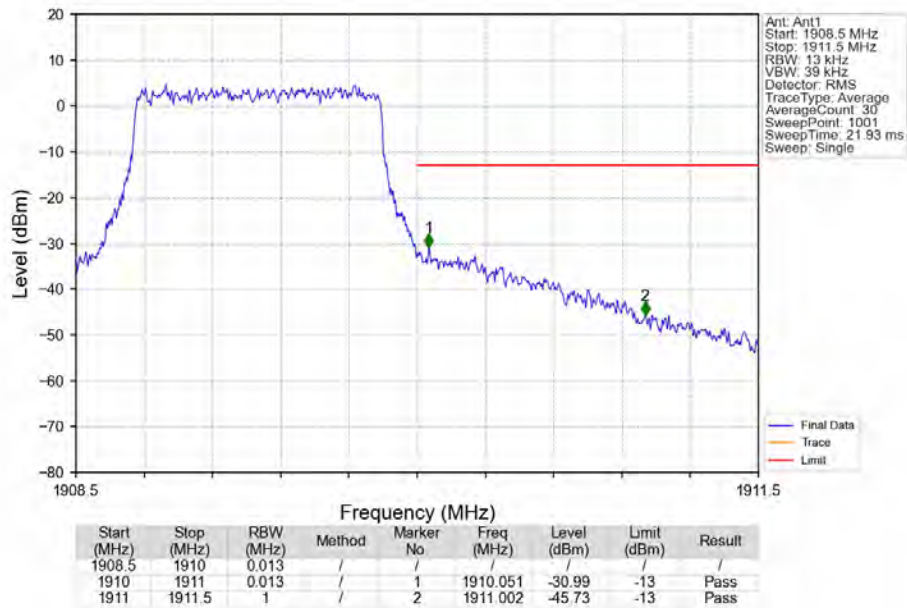
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Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



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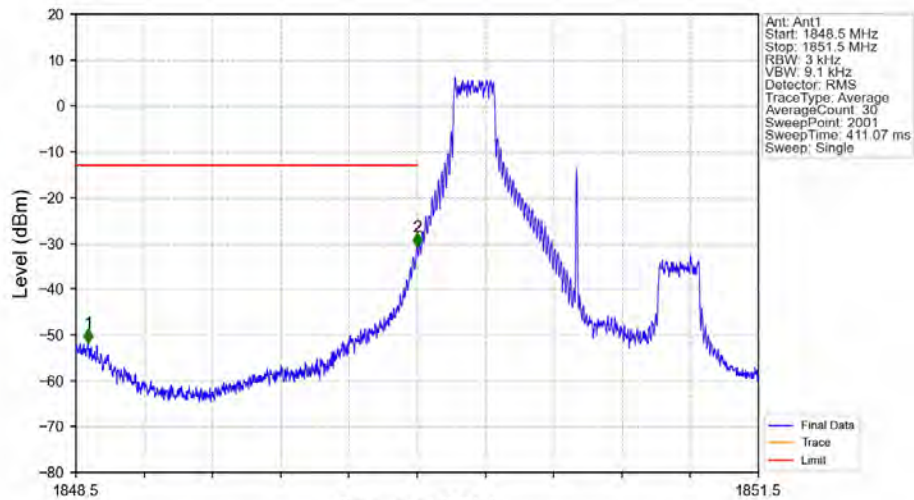
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Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.554	-51.73	-13	Pass
1849	1850	0.003	/	2	1850.000	-30.79	-13	Pass
1850	1851.5	0.003	/	/	/	/	/	/



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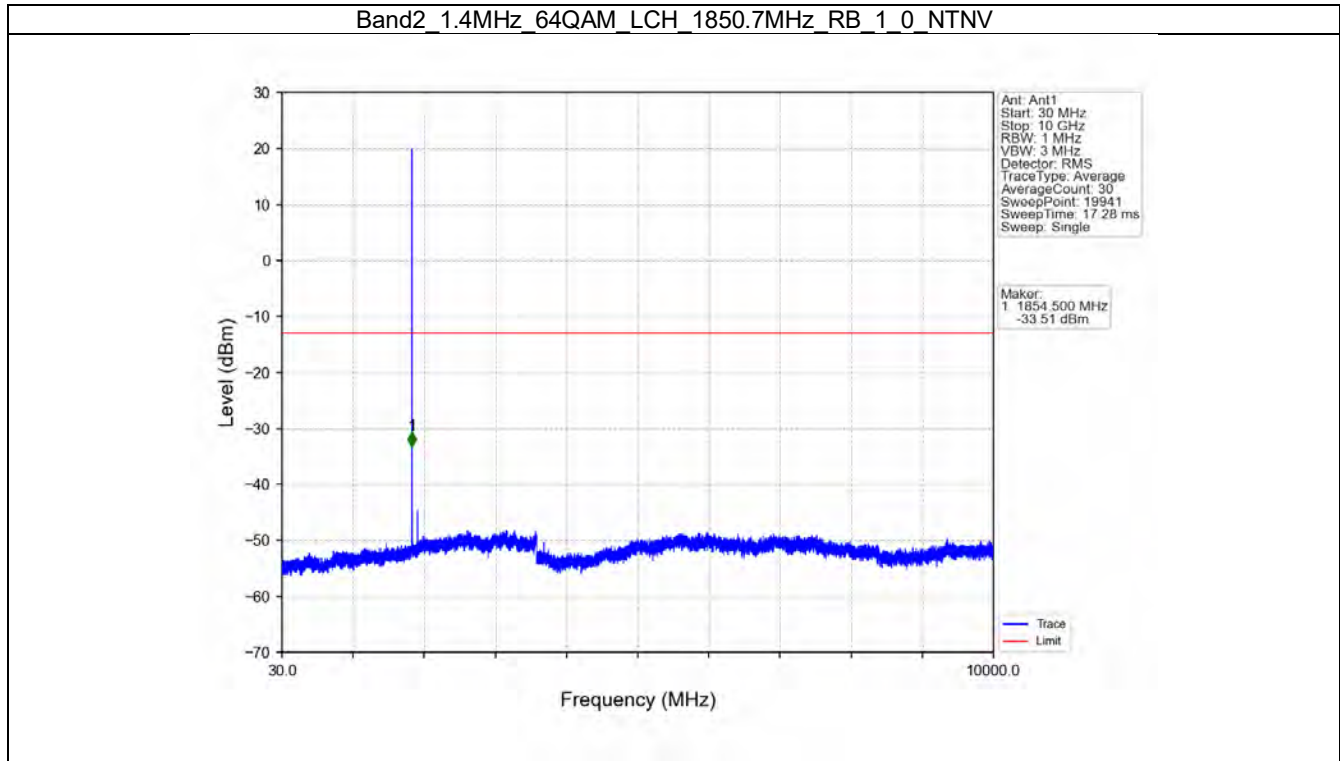


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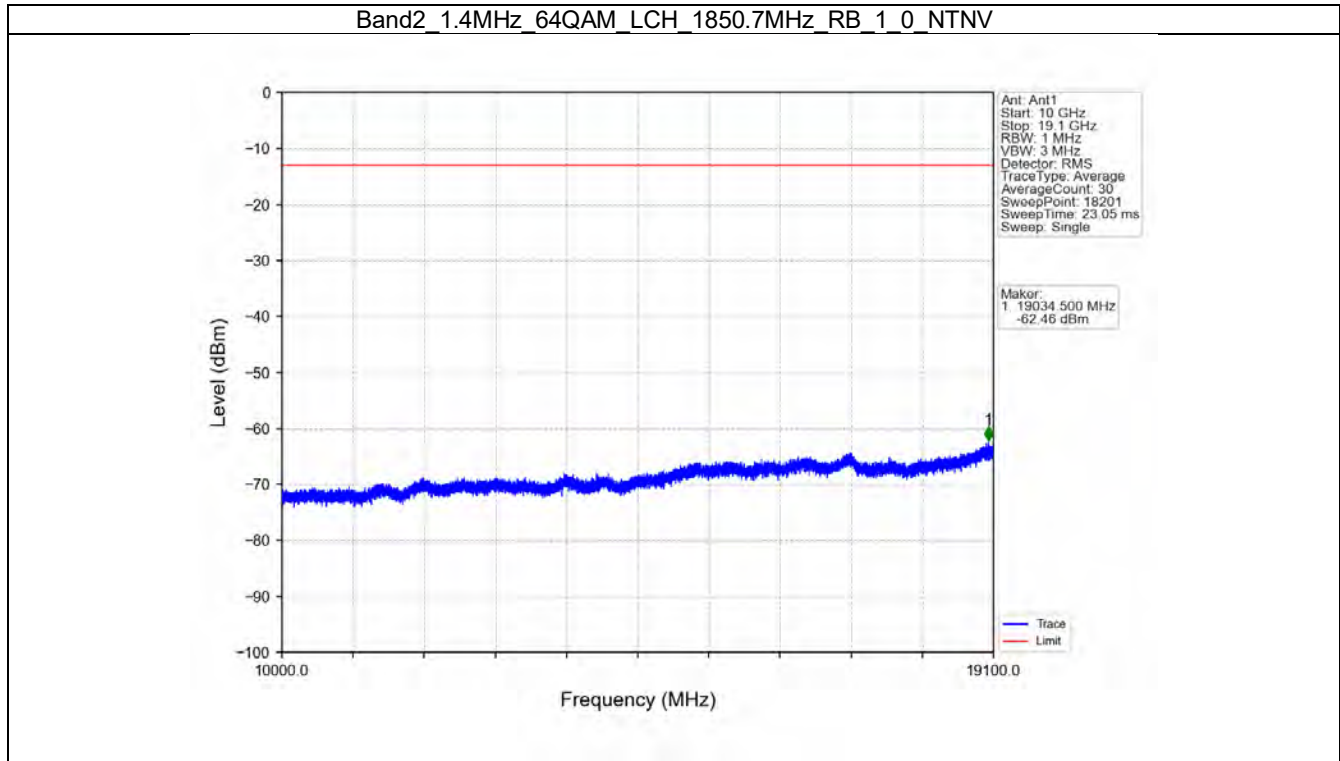


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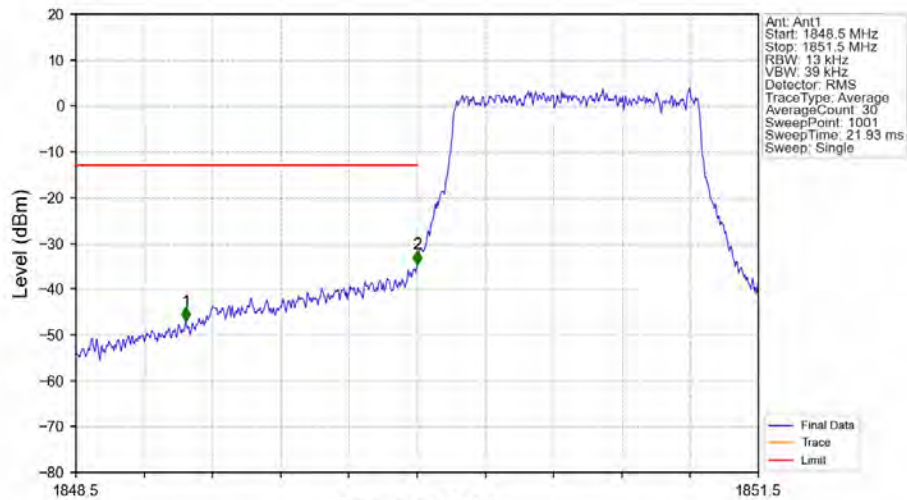
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Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.983	-46.97	-13	Pass
1849	1850	0.013	/	2	1850.000	-34.58	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/



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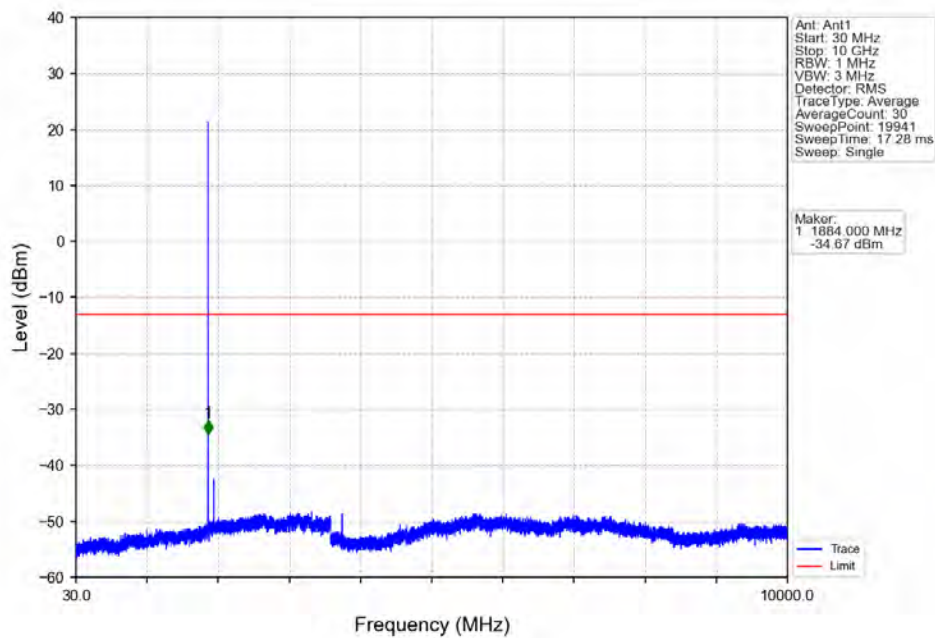
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Band2_1.4MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



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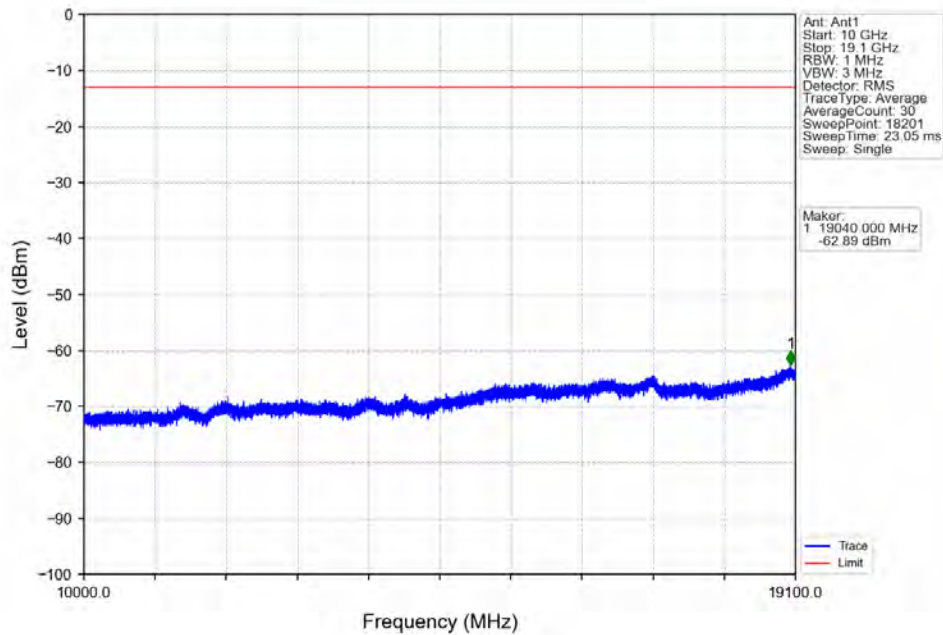
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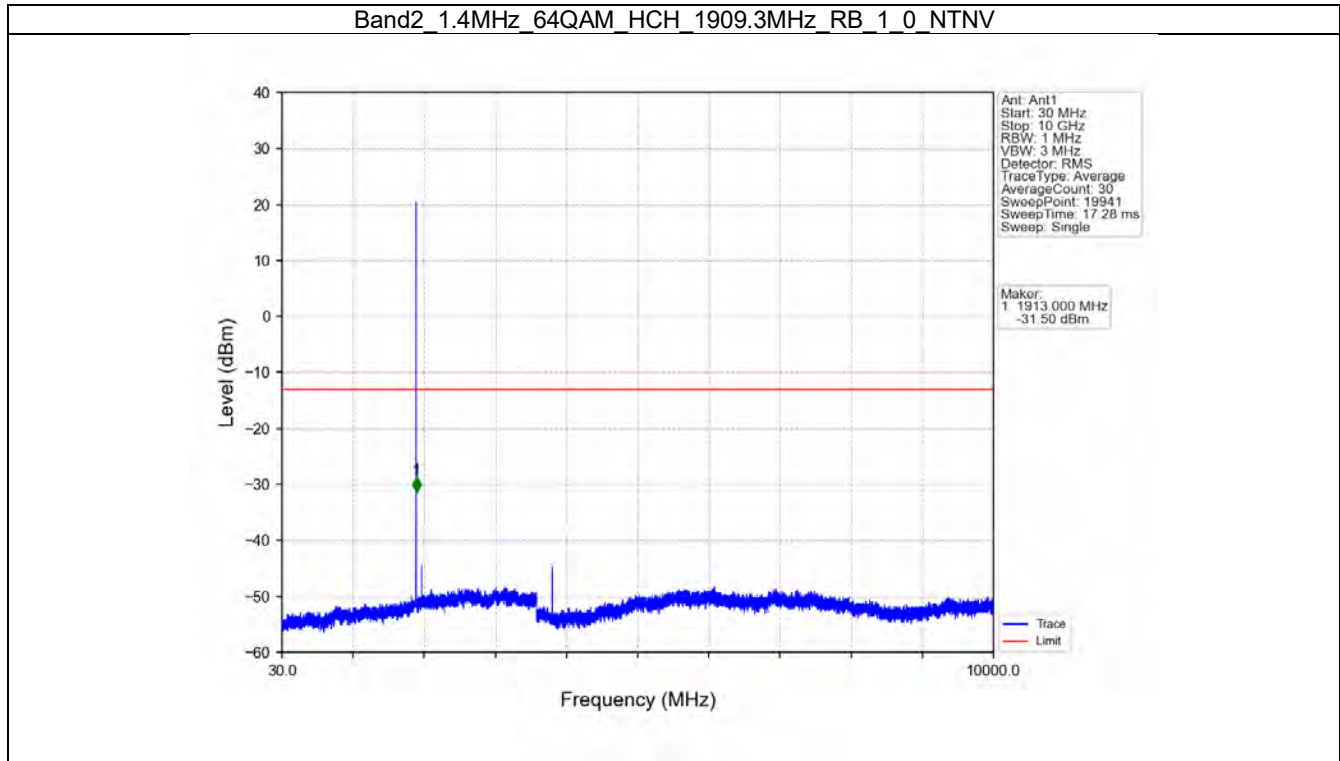


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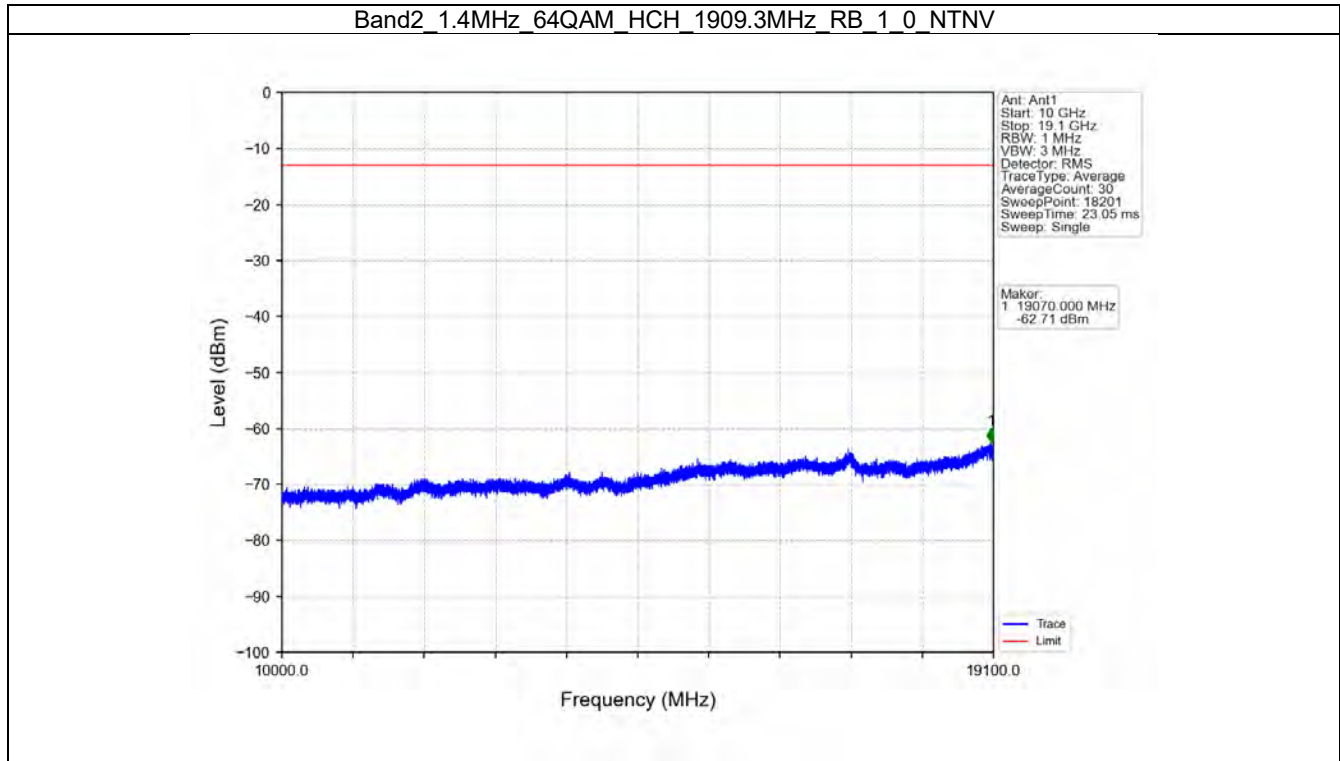


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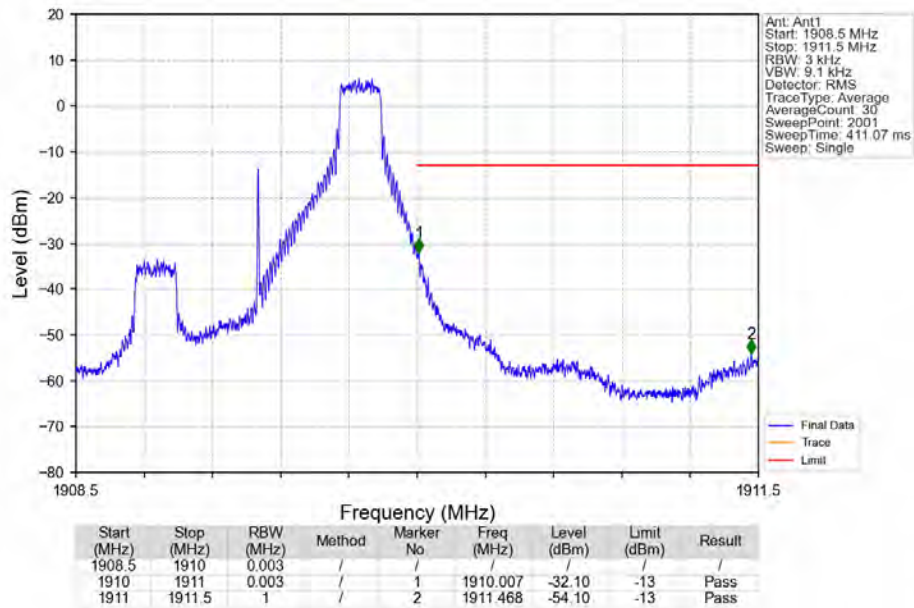
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Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_1_5_NTNV



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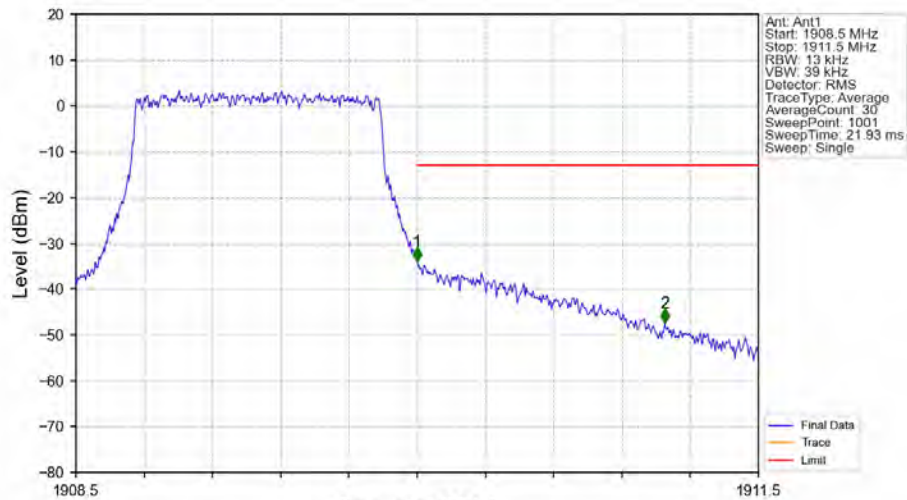
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Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.013	/	/	/	/	/	/
1910	1911	0.013	/	1	1910.000	-33.93	-13	Pass
1911	1911.5	1	/	2	1911.089	-47.39	-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
64QAM	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1908.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass



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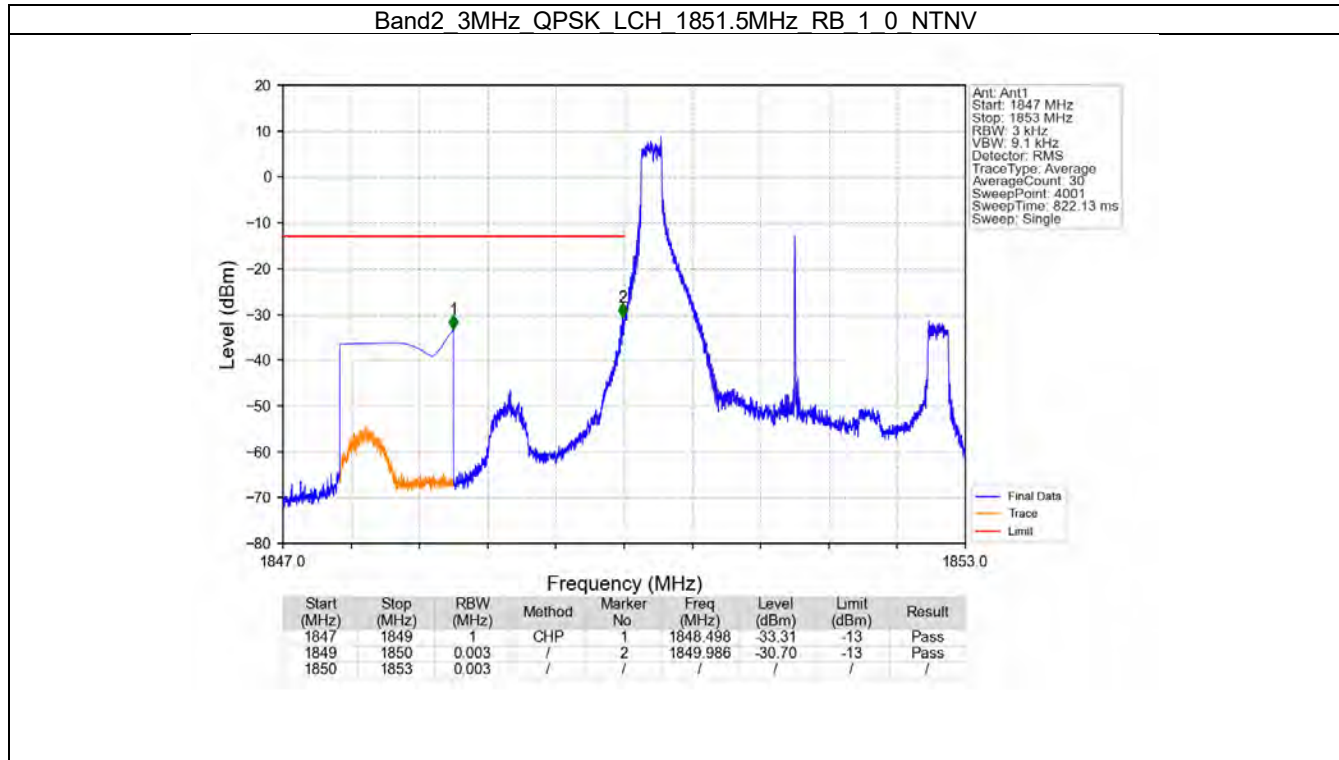
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5.2.2 Test Graph



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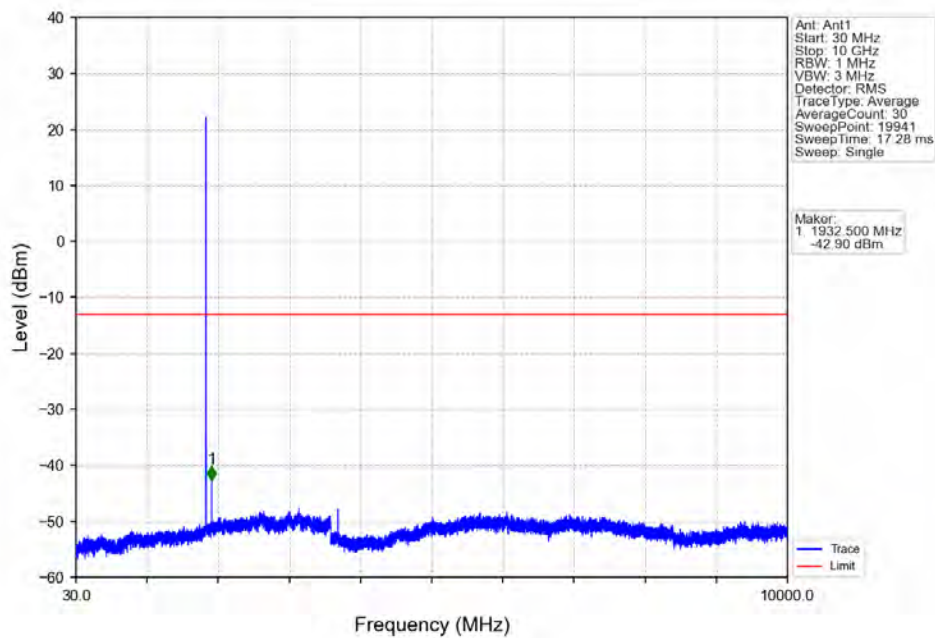
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Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



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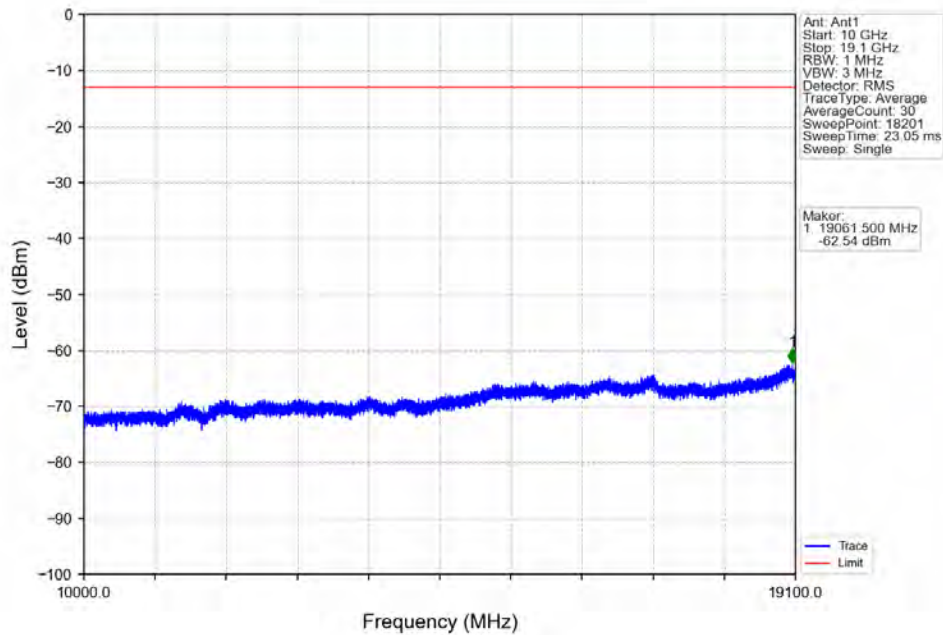
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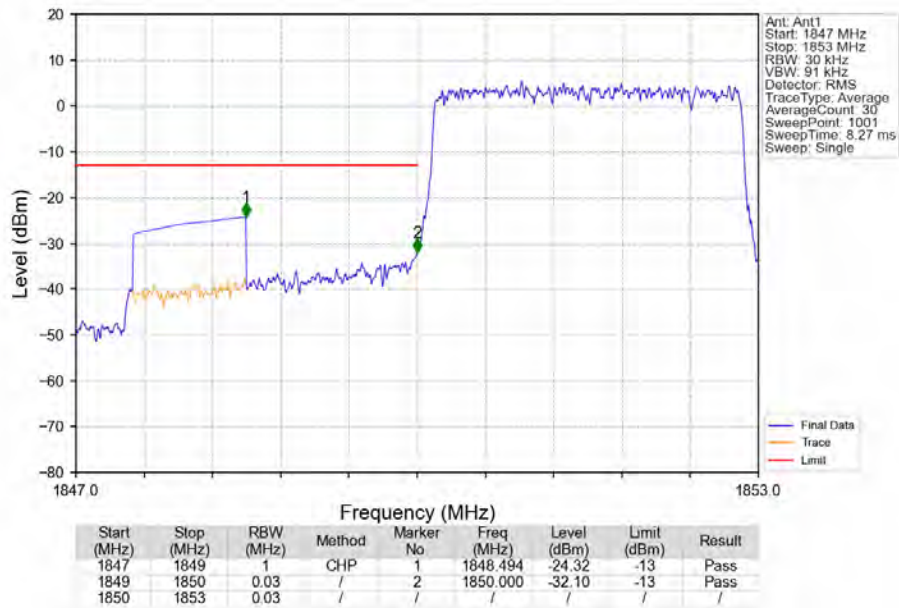
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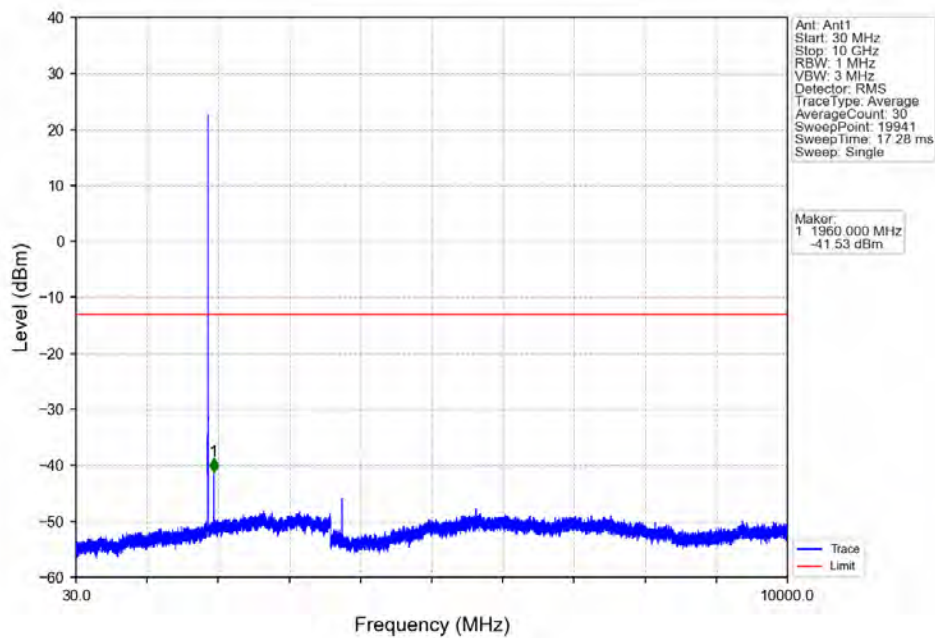
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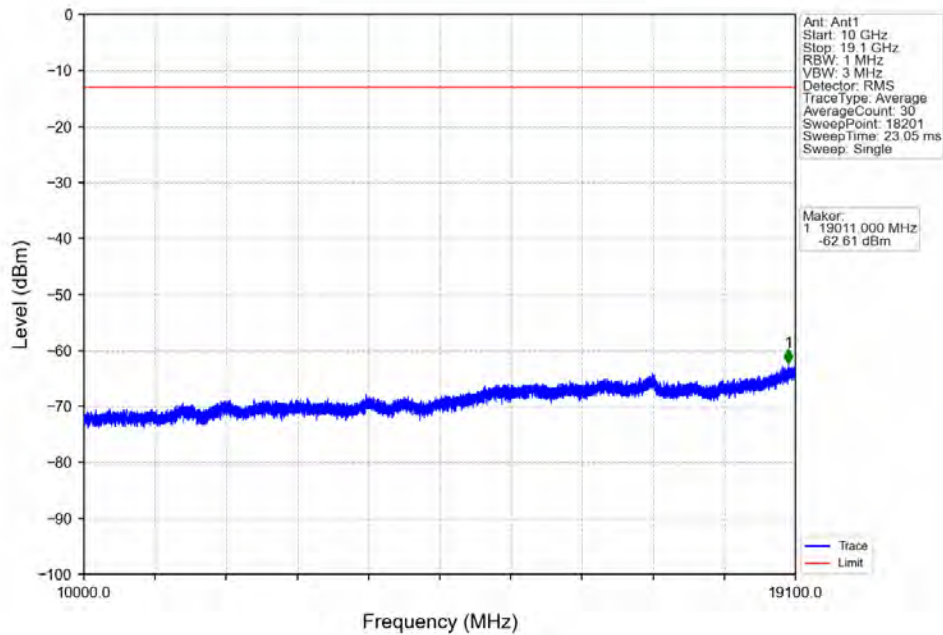
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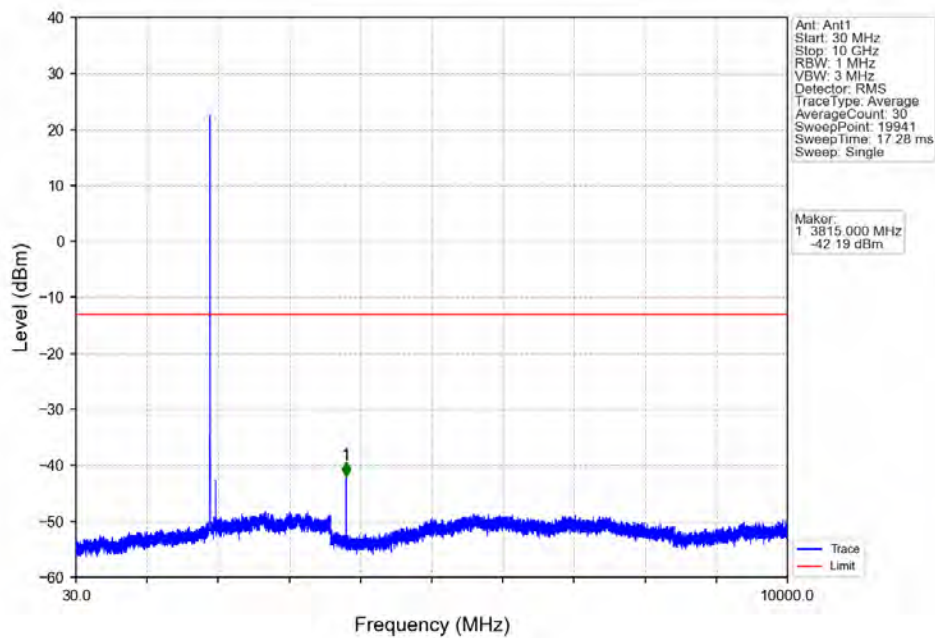
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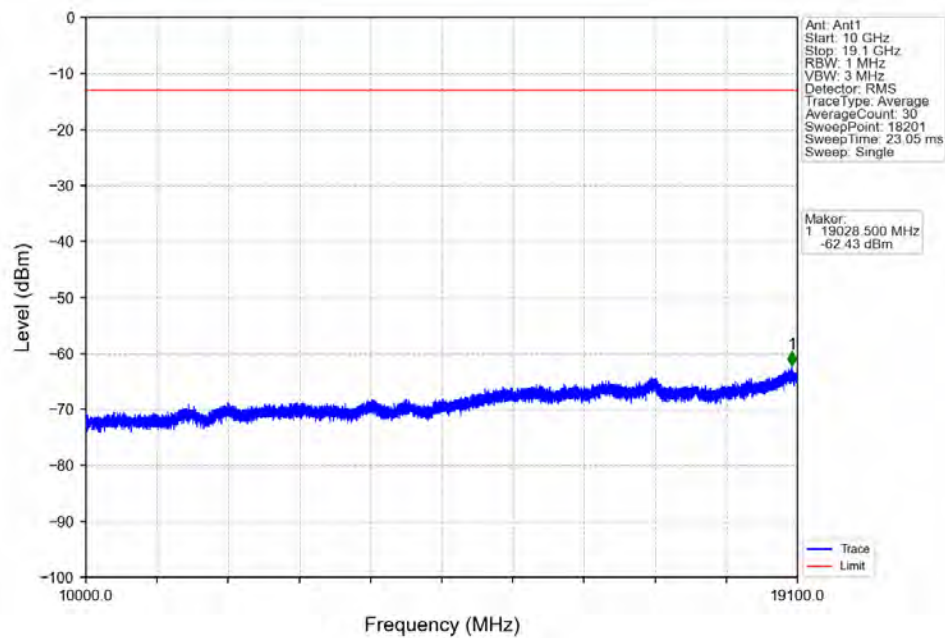
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Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV



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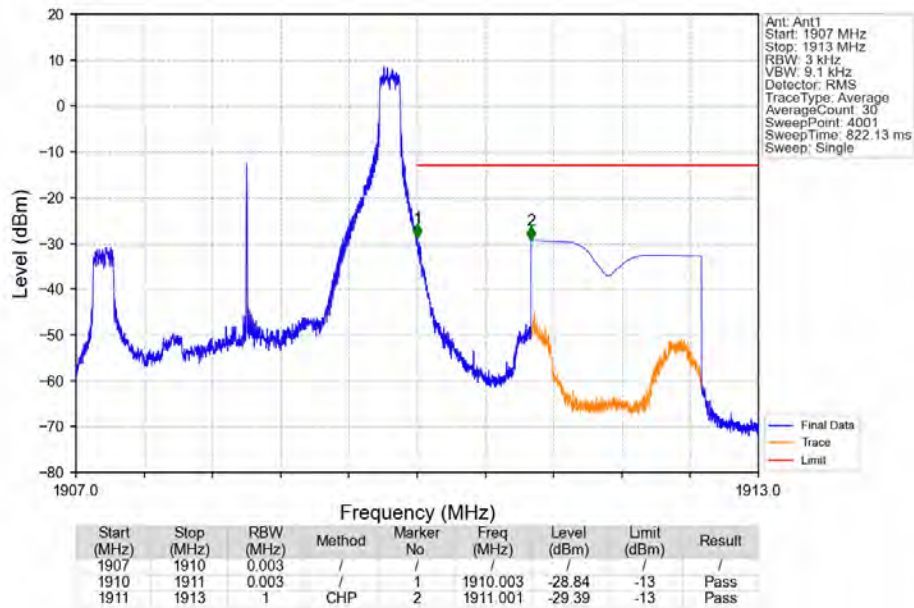
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Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_14_NTNV



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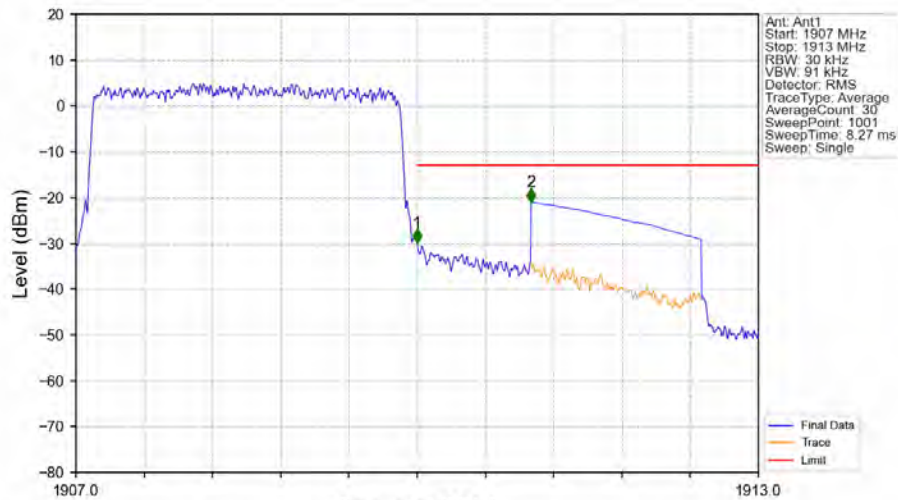
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Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.03	/	/	/	/	/	/
1910	1911	0.03	/	1	1910.000	-29.90	-13	Pass
1911	1913	1	CHP	2	1911.002	-21.03	-13	Pass



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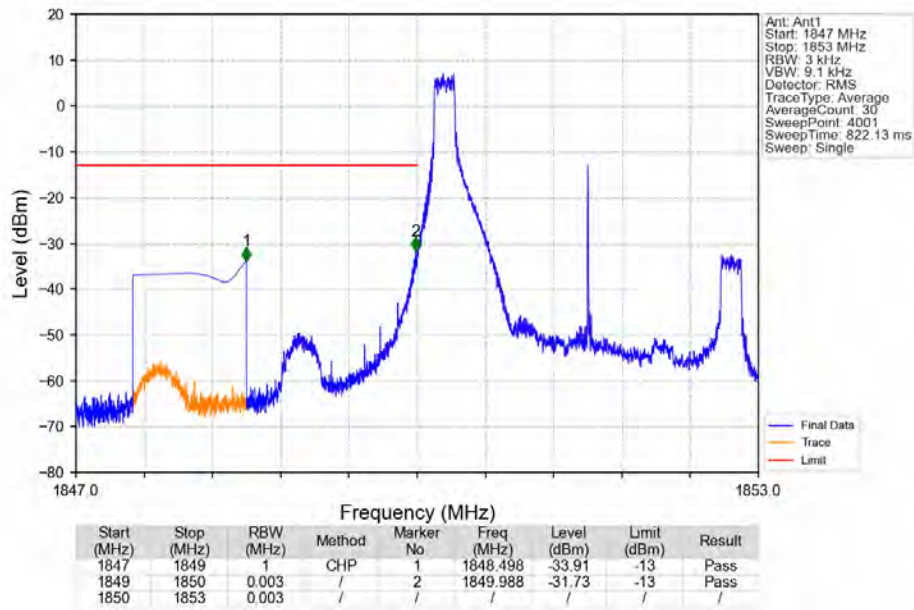
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Band2_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



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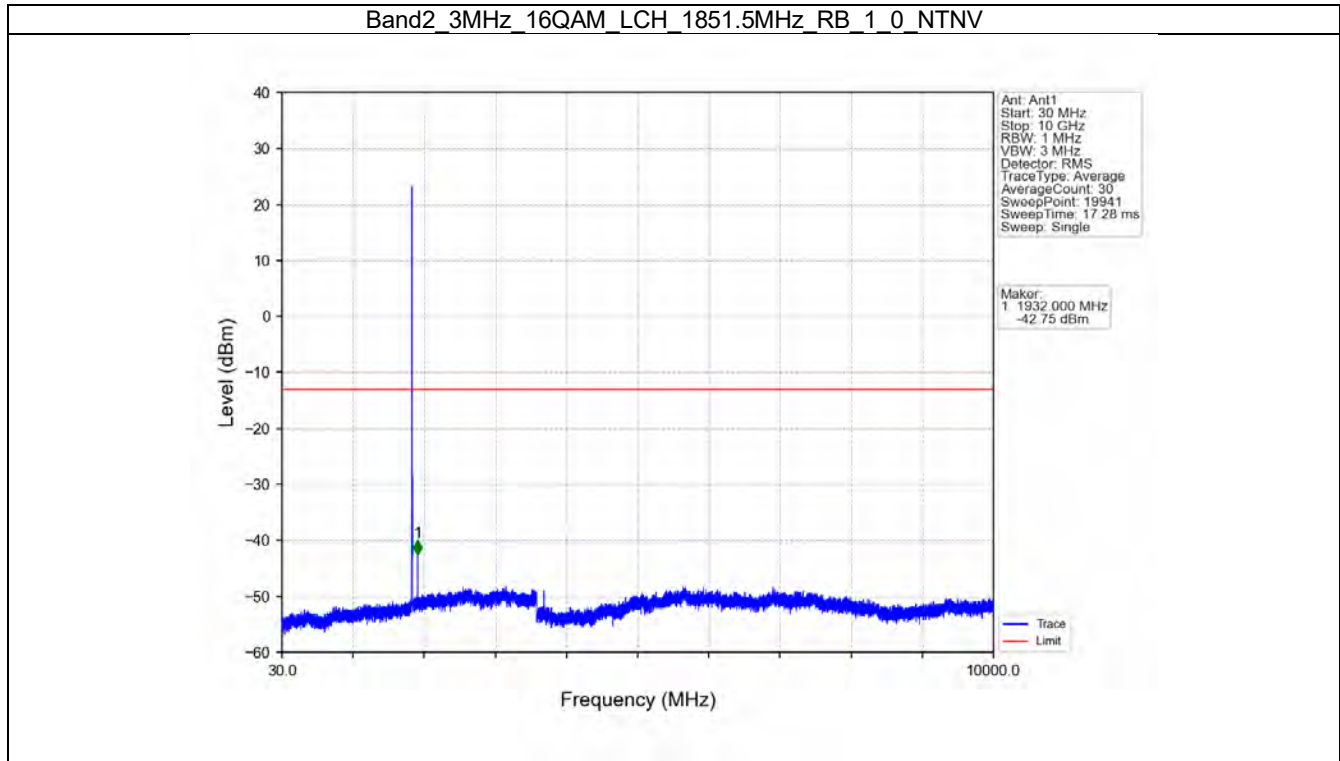


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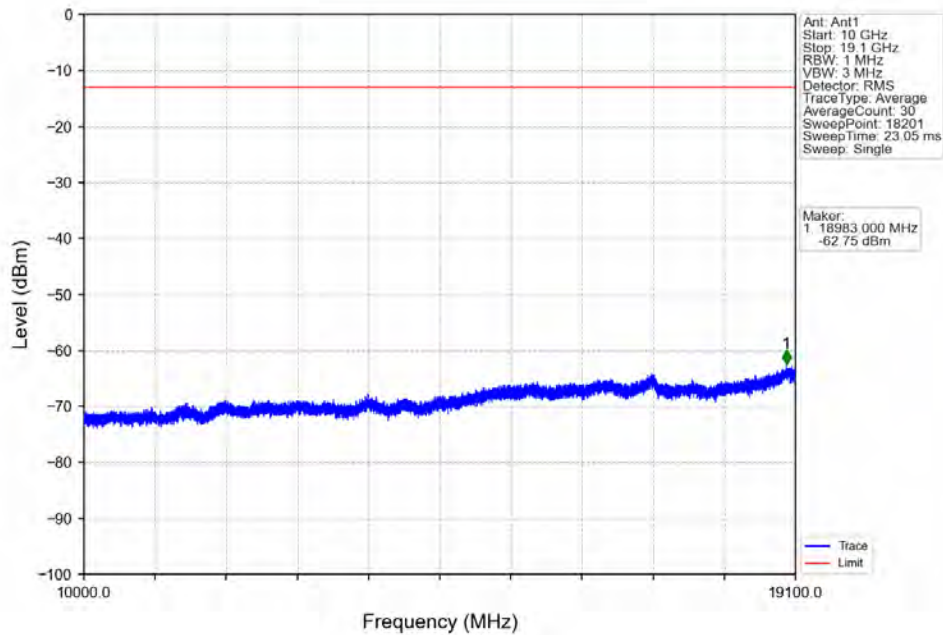
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Band2_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



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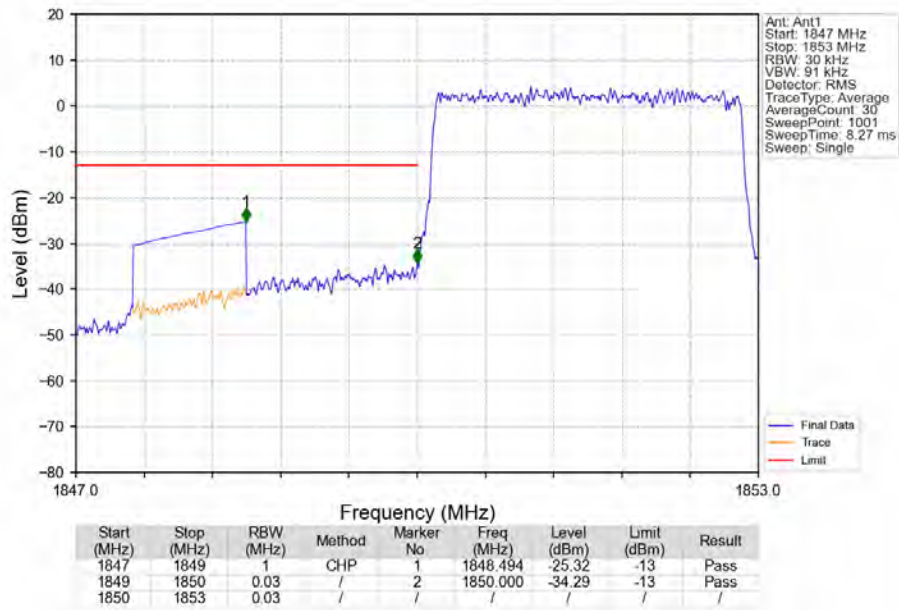
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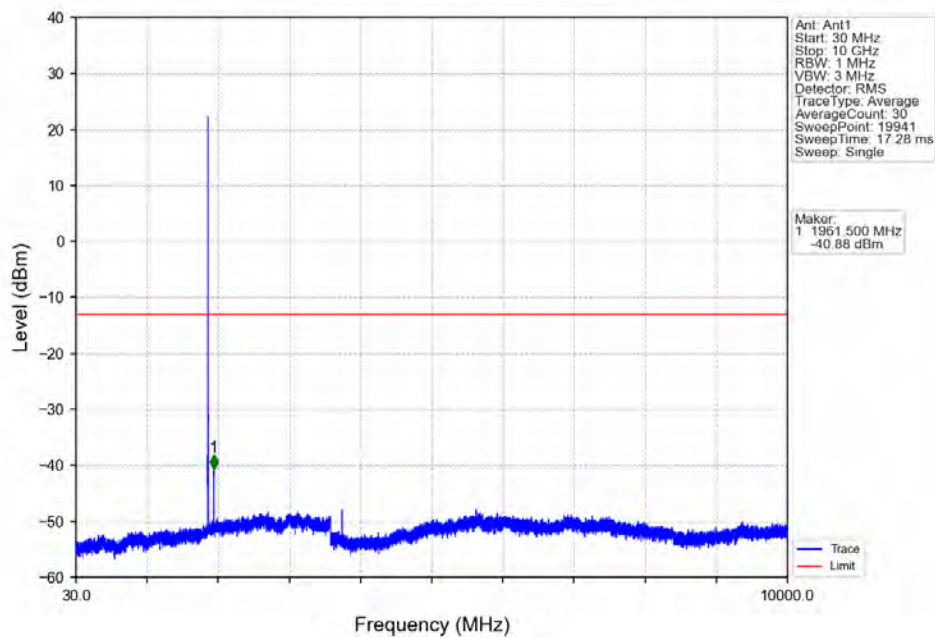
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Band2_3MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



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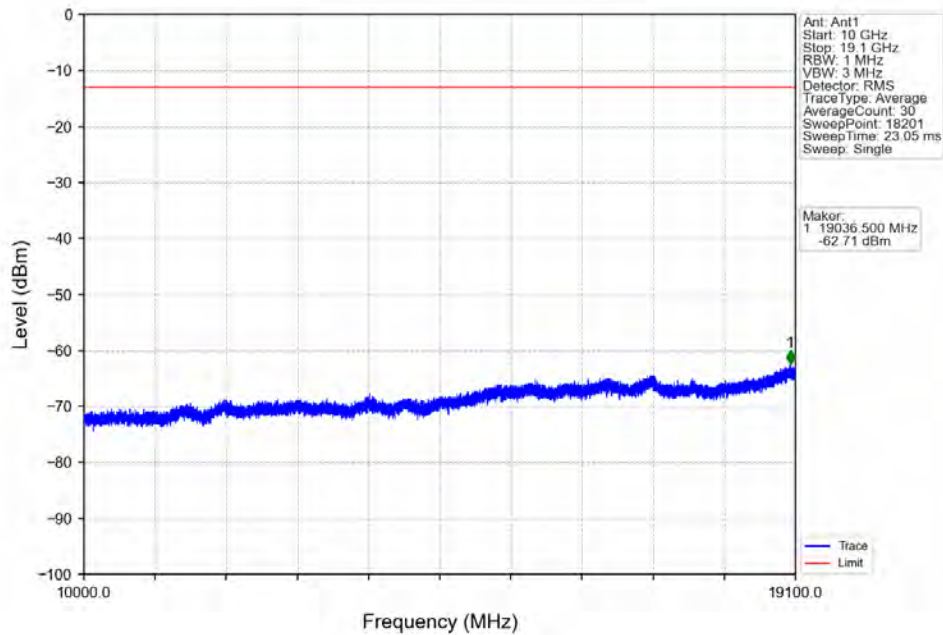
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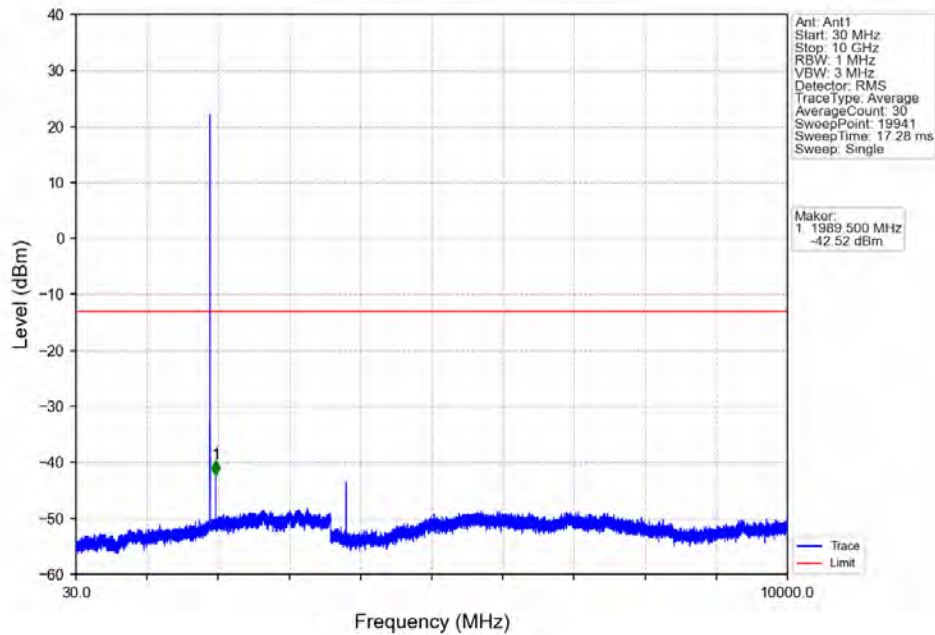
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Band2_3MHz_16QAM_HCH_1908.5MHz_RB_1_0_NTNV



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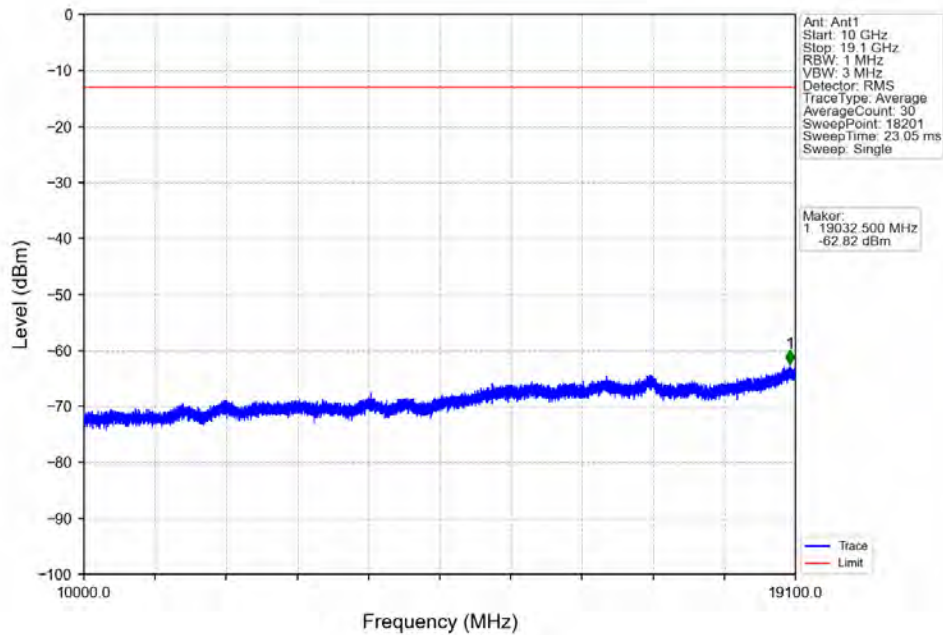
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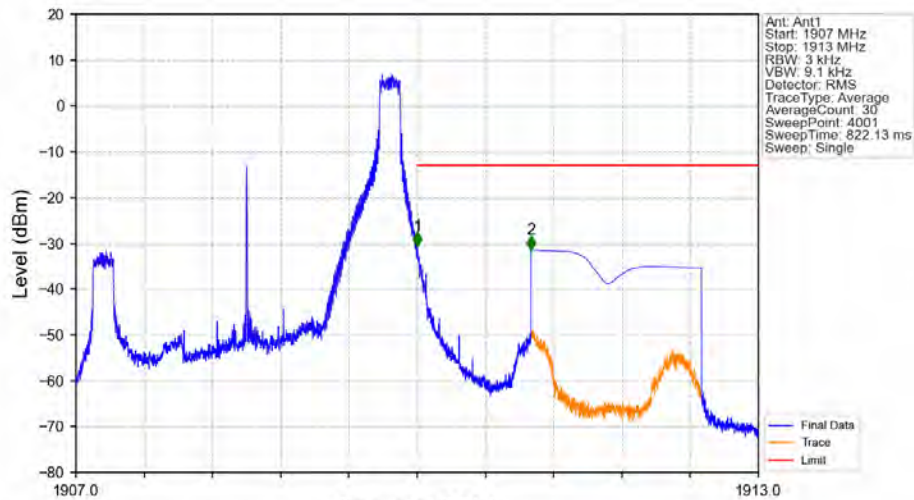
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Band2_3MHz_16QAM_HCH_1908.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.003	-30.66	-13	Pass
1911	1913	1	CHP	2	1911.001	-31.41	-13	Pass



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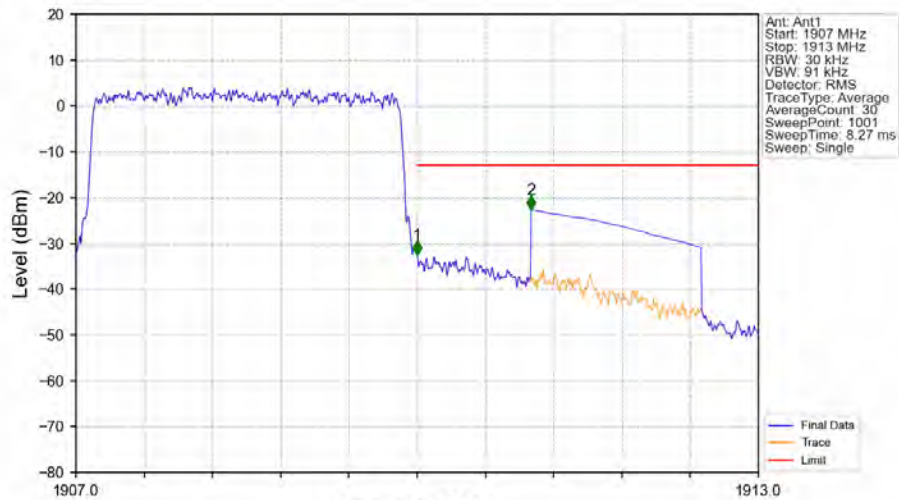
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.03	/	/	/	/	/	/
1910	1911	0.03	/	1	1910.000	-32.52	-13	Pass
1911	1913	1	CHP	2	1911.002	-22.72	-13	Pass



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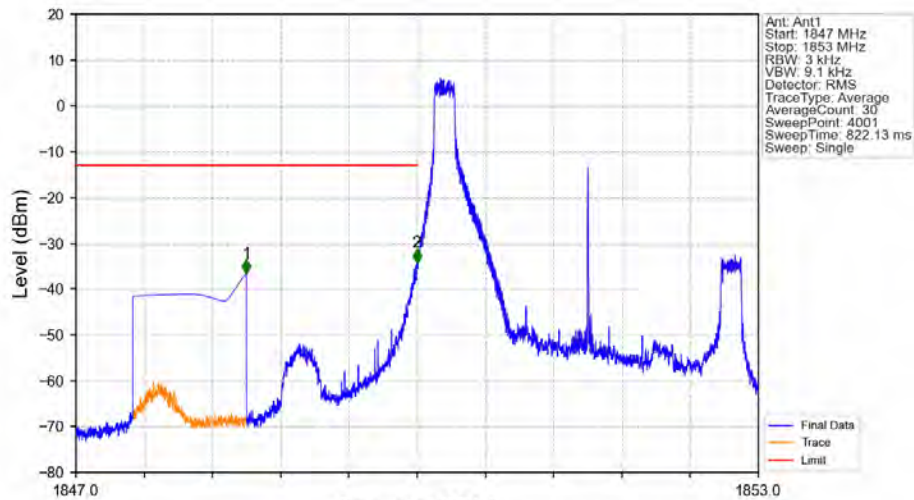
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.498	-36.59	-13	Pass
1849	1850	0.003	/	2	1849.997	-34.25	-13	Pass
1850	1853	0.003	/	/	/	/	/	/



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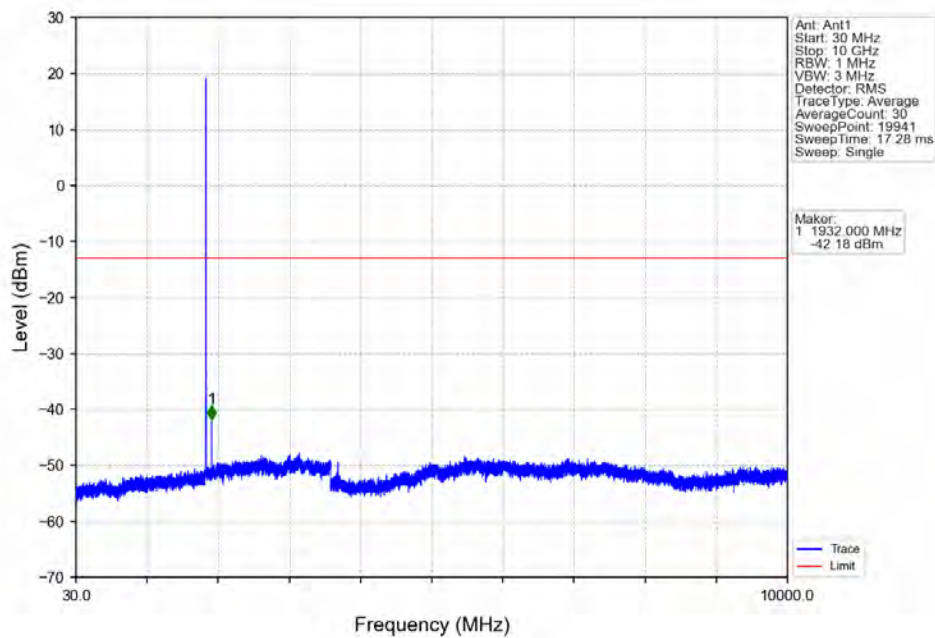
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Band2_3MHz_64QAM_LCH_1851.5MHz_RB_1_0_NTNV



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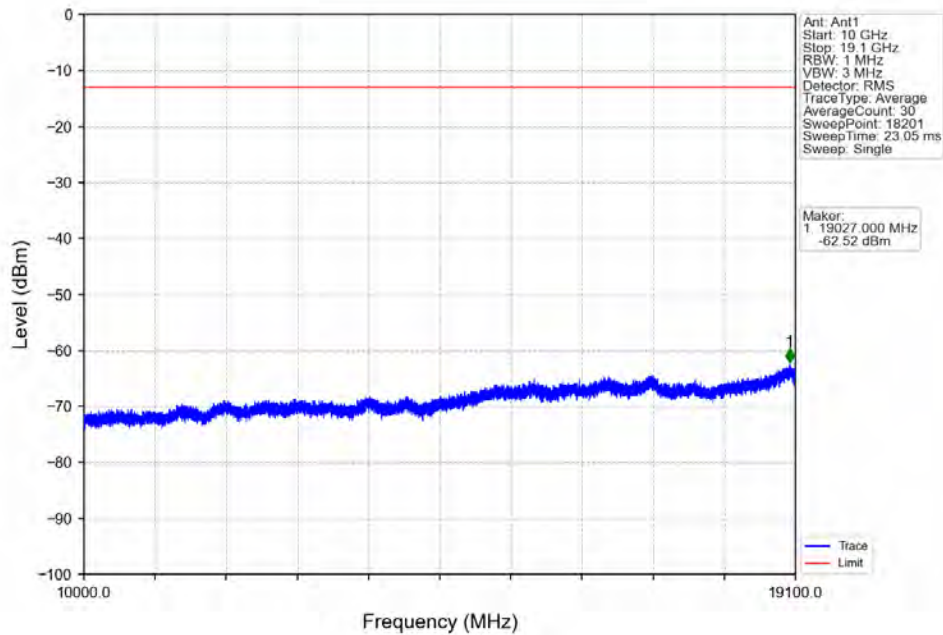
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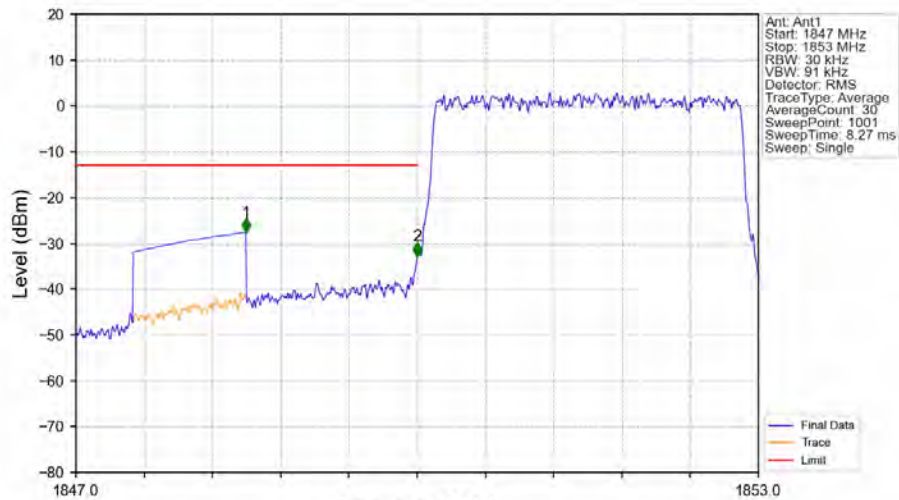
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Band2_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-27.65	-13	Pass
1849	1850	0.03	/	2	1850.000	-32.83	-13	Pass
1850	1853	0.03	/	/	/	/	/	/



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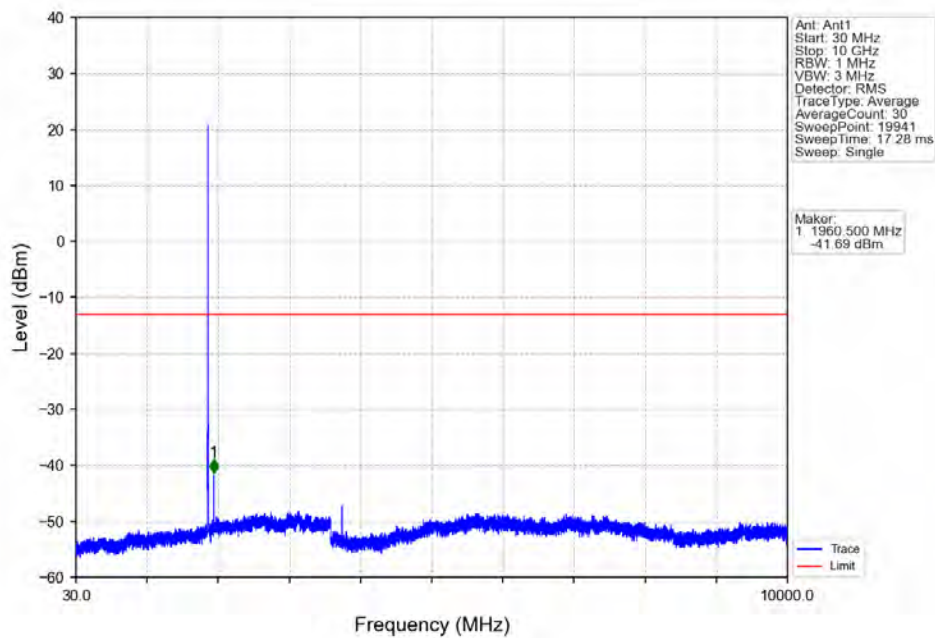
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Band2_3MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



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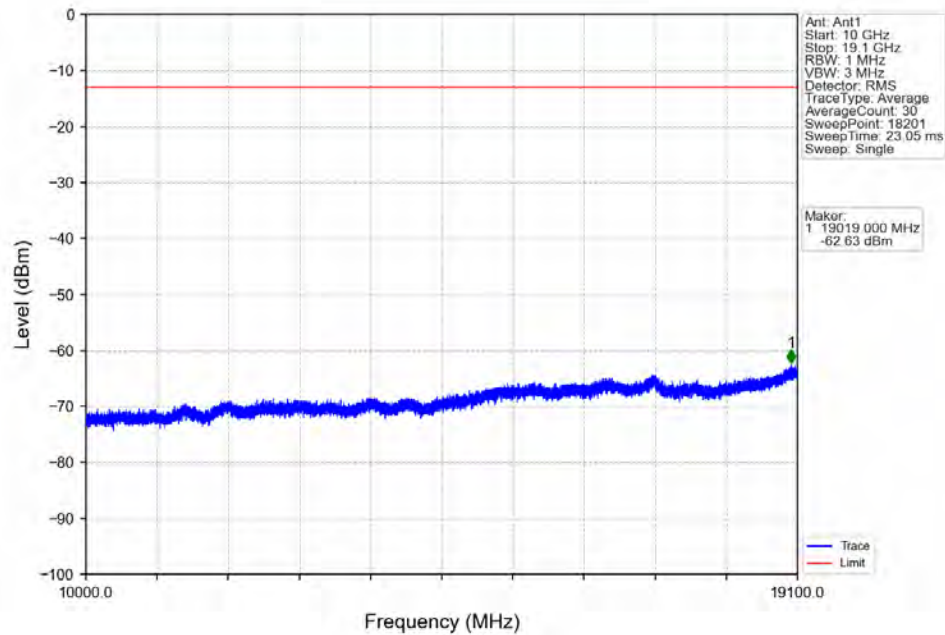
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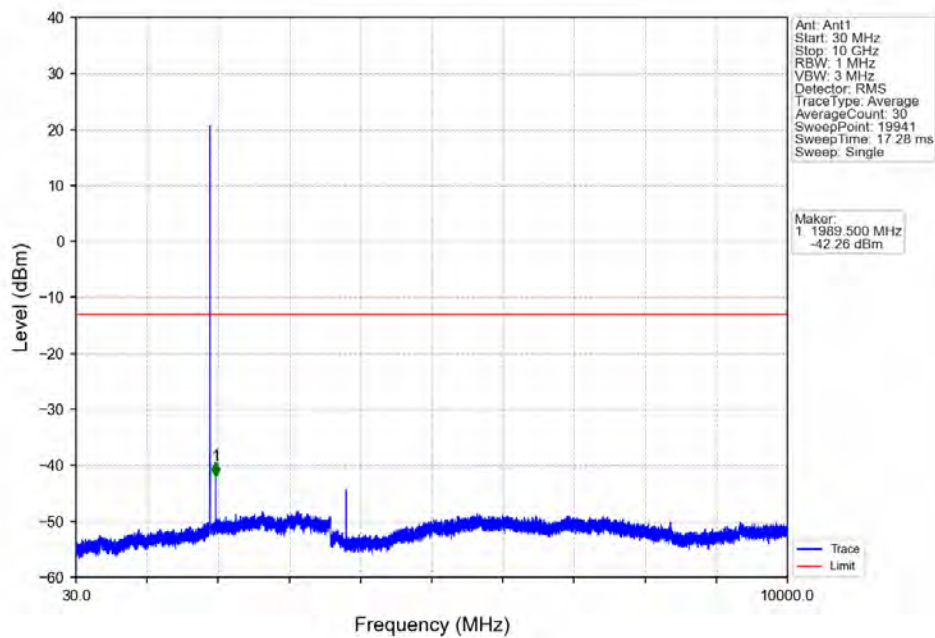
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Band2_3MHz_64QAM_HCH_1908.5MHz_RB_1_0_NTNV



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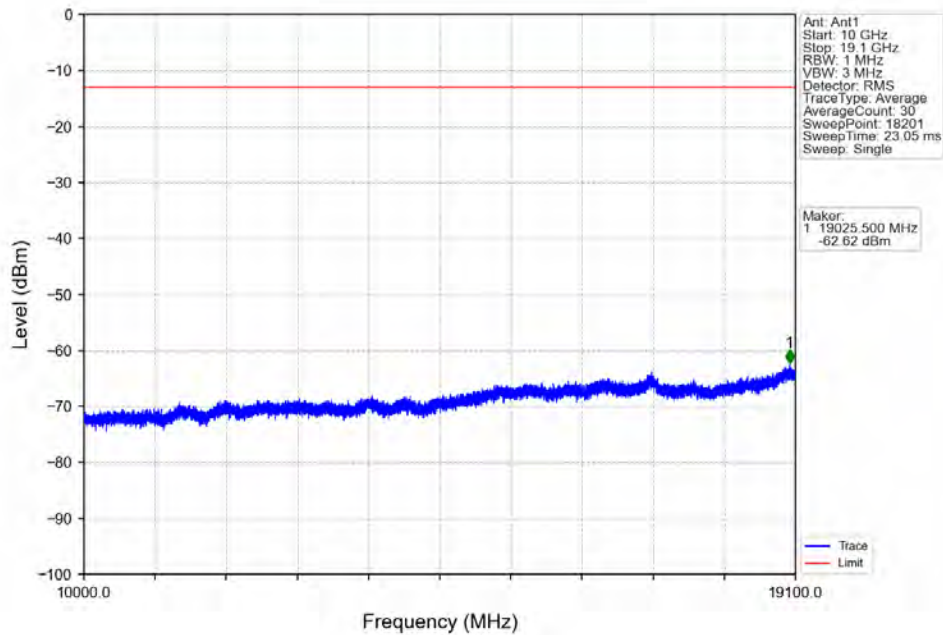
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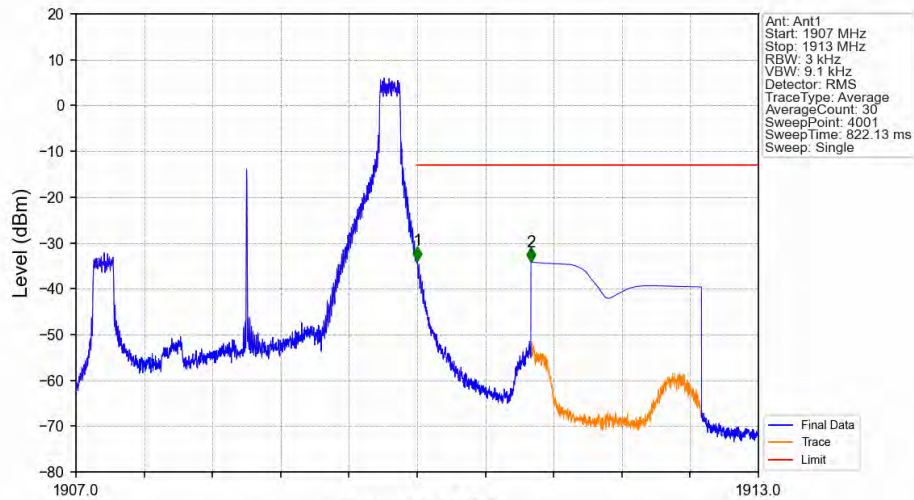
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Band2_3MHz_64QAM_HCH_1908.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.003	-33.89	-13	Pass
1911	1913	1	CHP	2	1911.001	-34.19	-13	Pass



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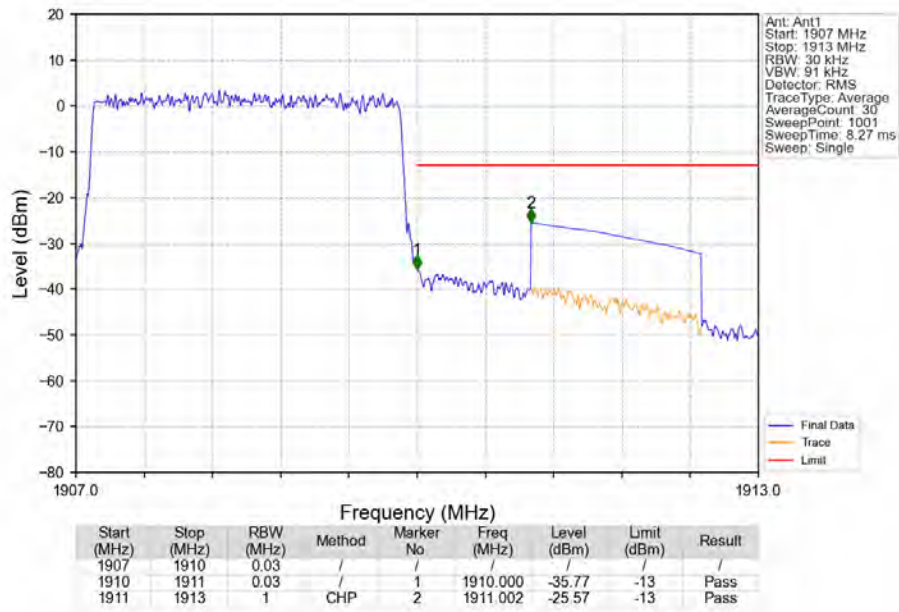
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5.3 B2_5MHz

5.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTVN						
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
64QAM	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass



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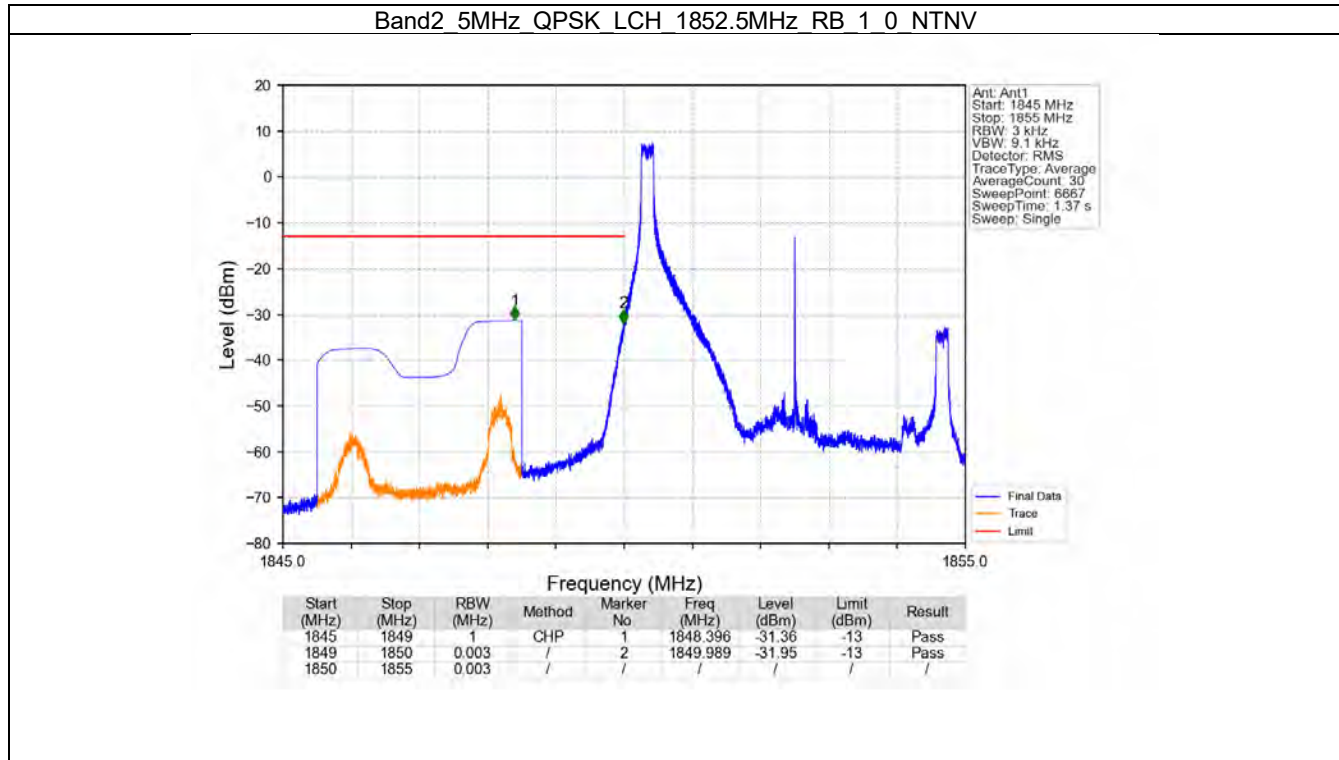
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5.3.2 Test Graph



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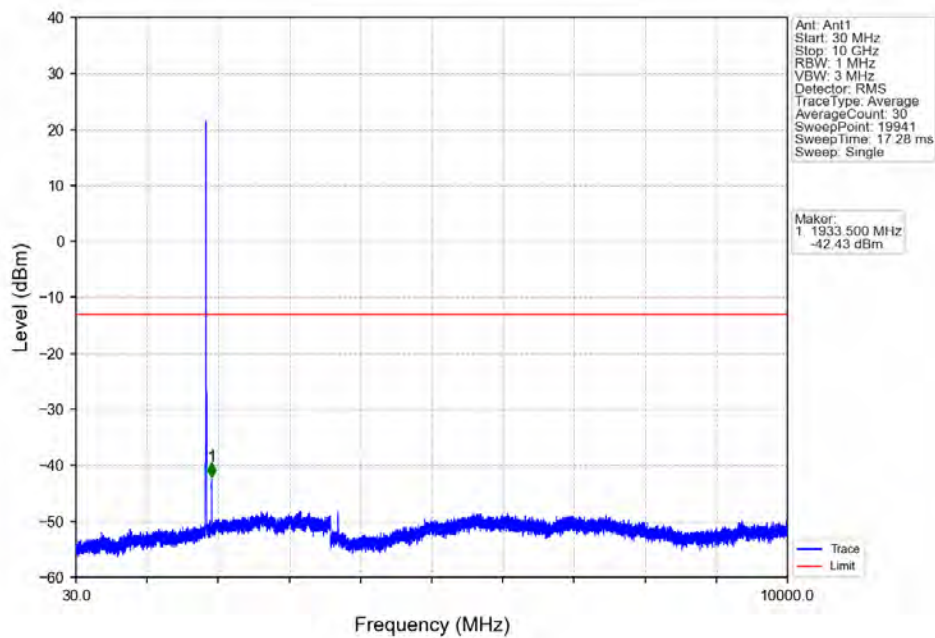
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Band2_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



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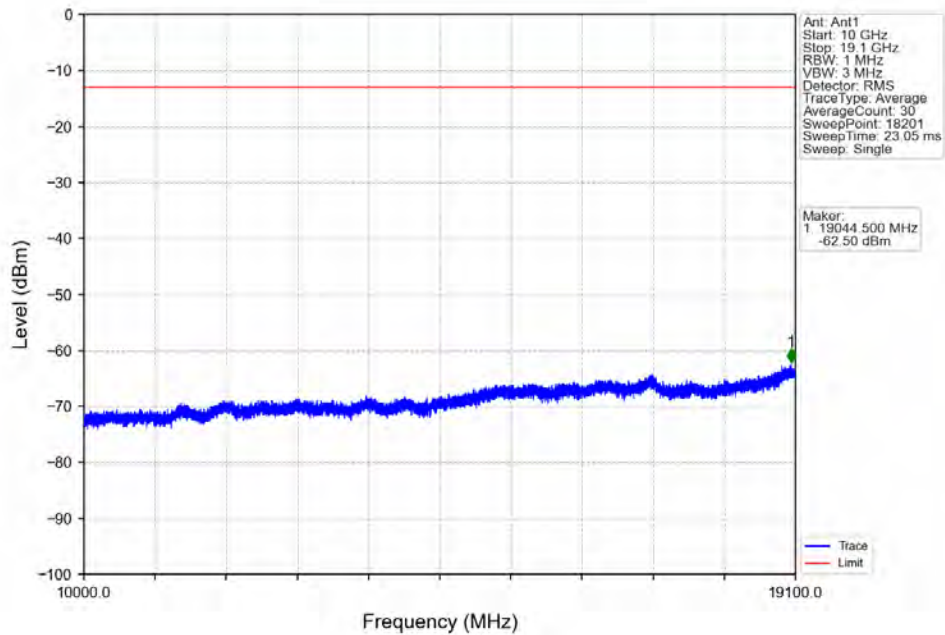
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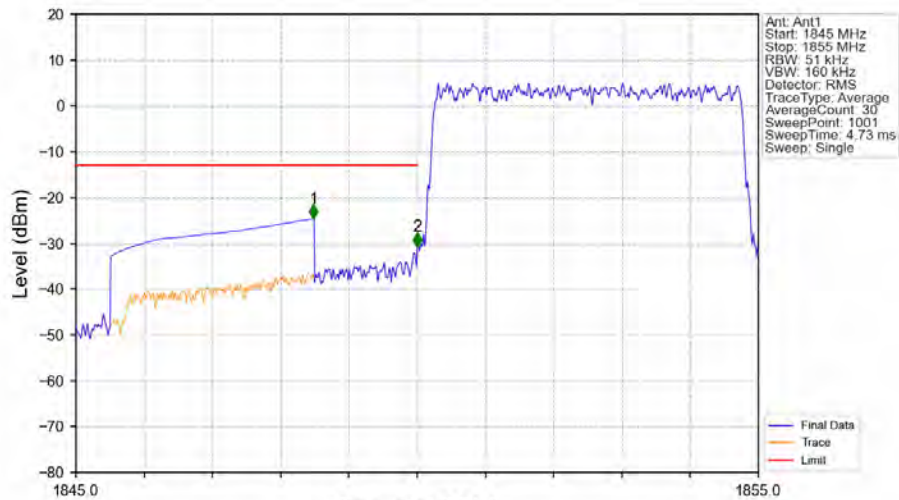
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.480	-24.66	-13	Pass
1849	1850	0.051	/	2	1850.000	-30.72	-13	Pass
1850	1855	0.051	/	/	/	/	/	/



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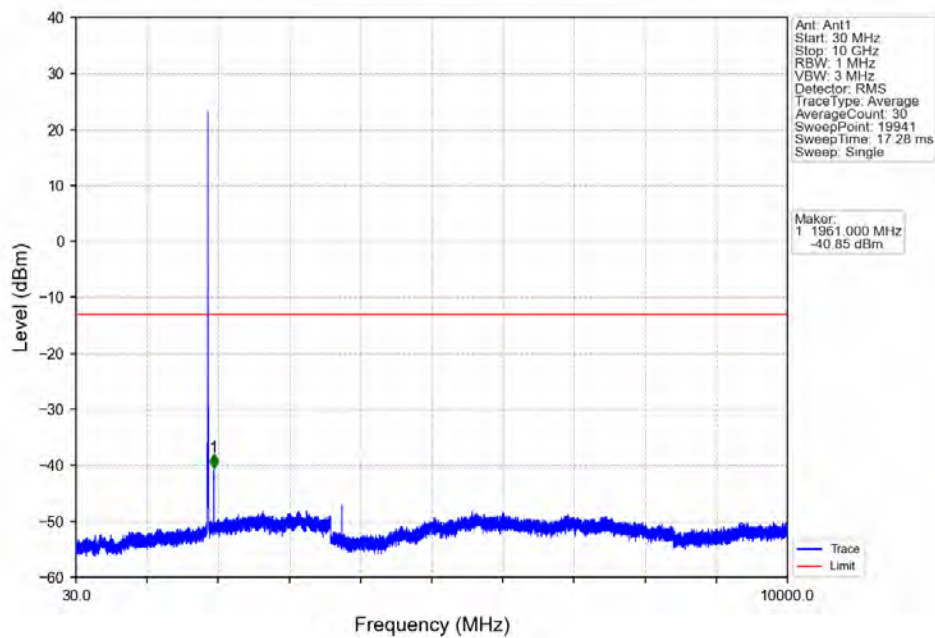
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Band2_5MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



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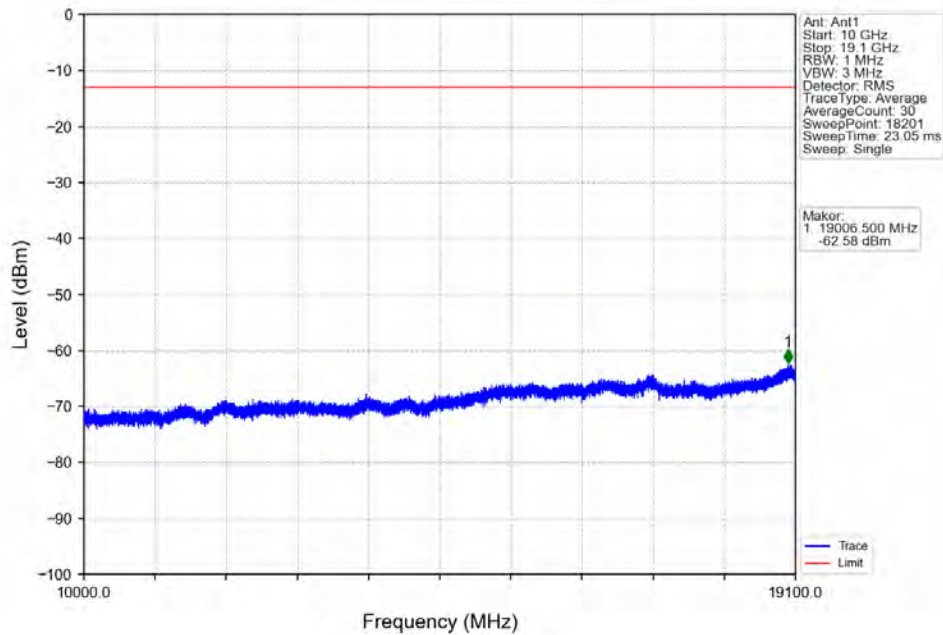
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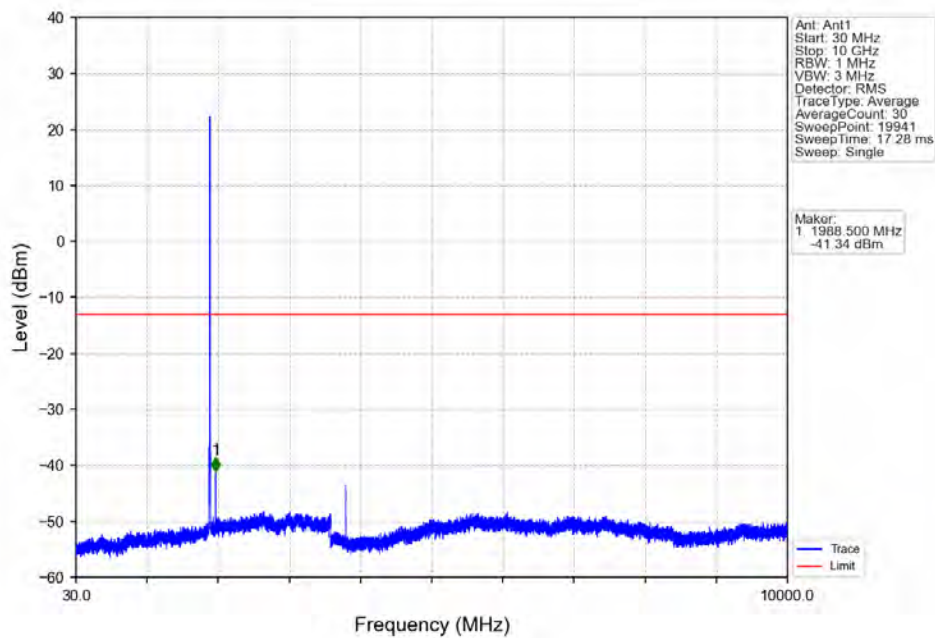
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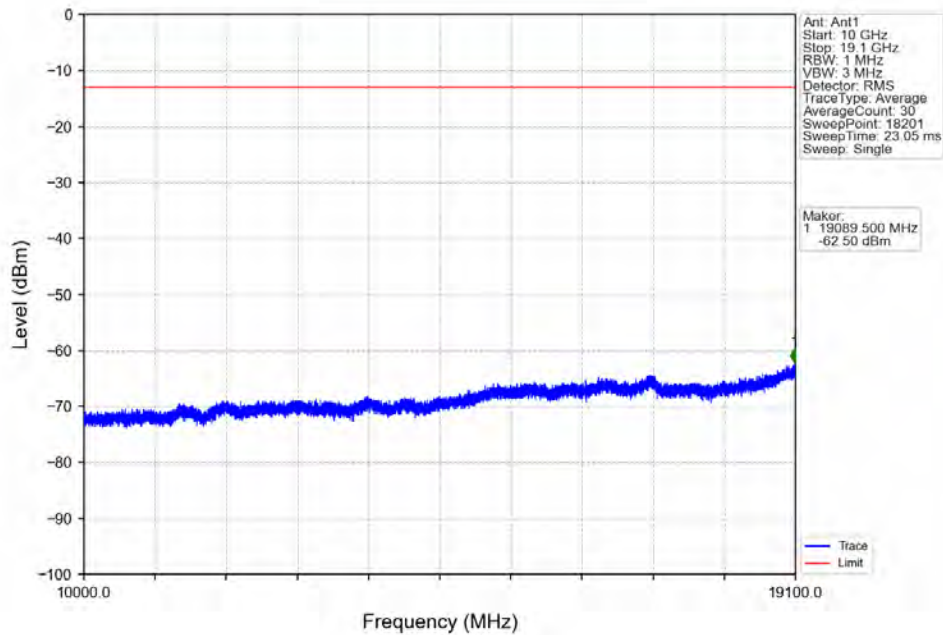
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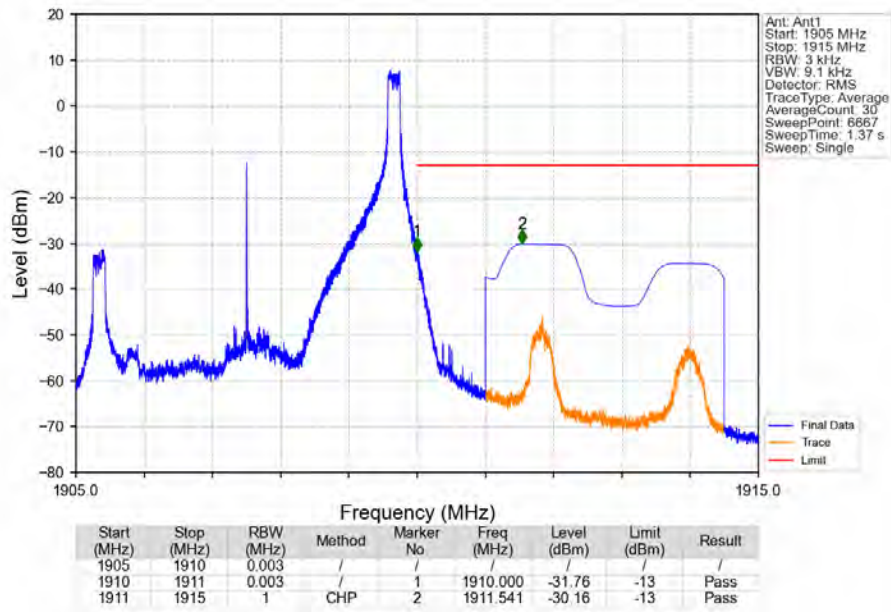
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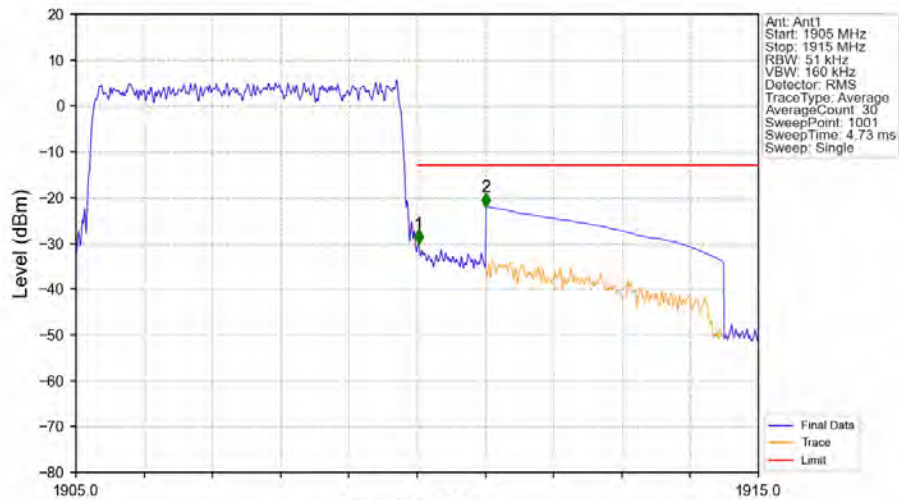
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Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.051	/	1	1910.020	-30.10	-13	Pass
1910	1915	0.051	CHP	2	1911.010	-22.06	-13	Pass



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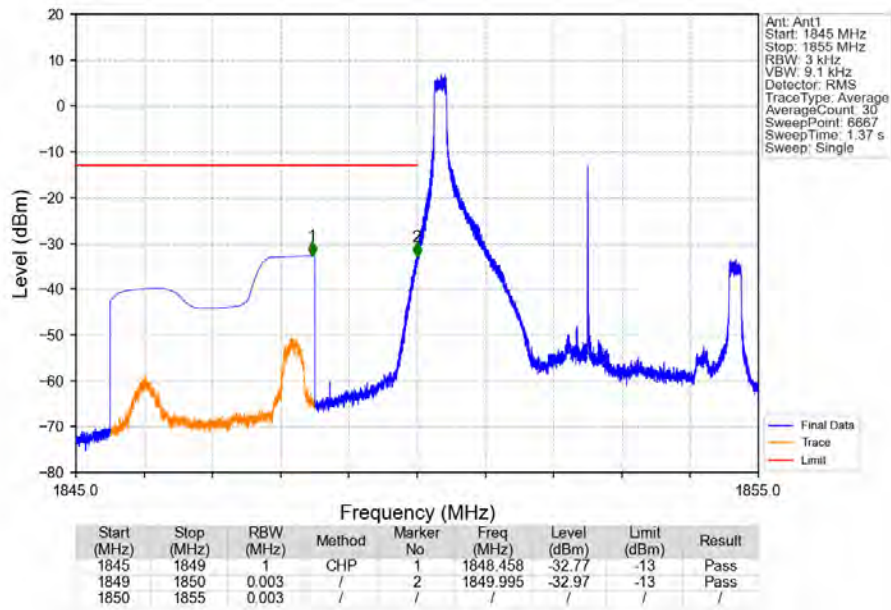
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Band2_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



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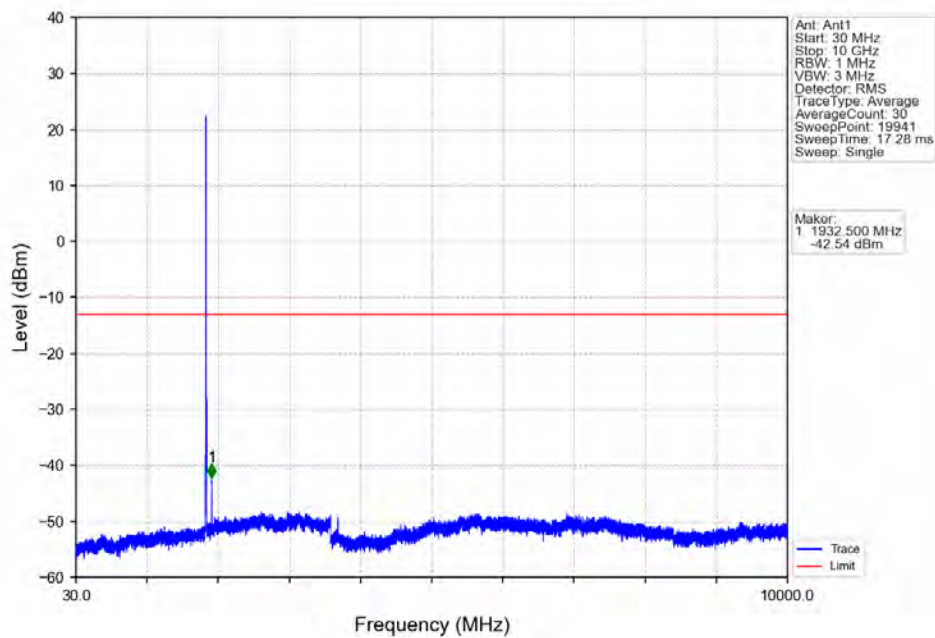
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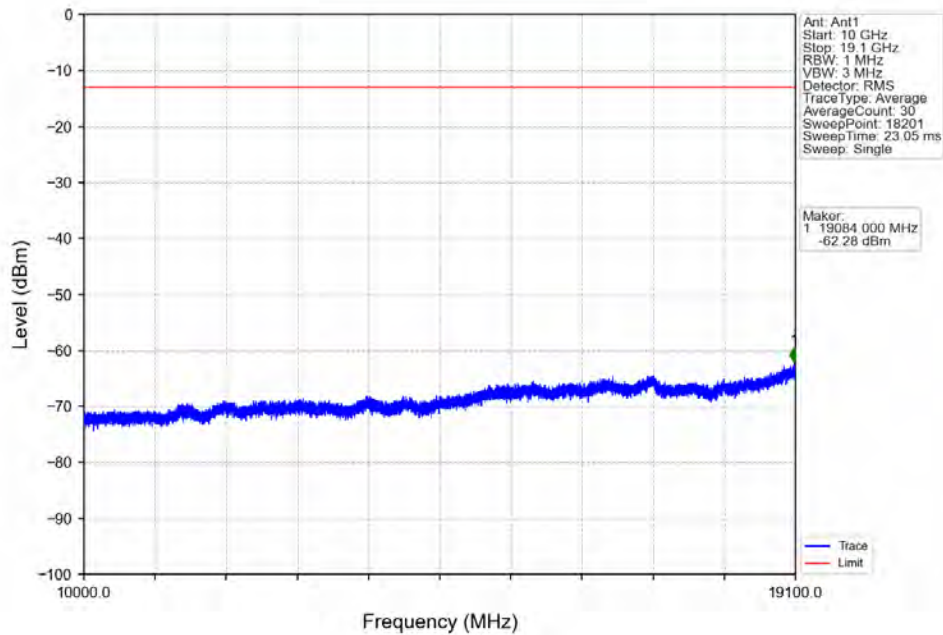
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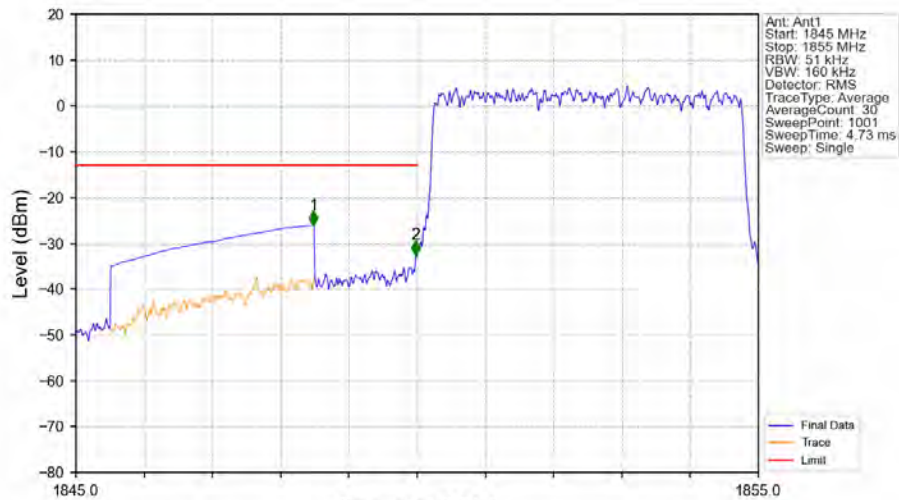
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.480	-26.09	-13	Pass
1849	1850	0.051	/	2	1849.980	-32.47	-13	Pass
1850	1855	0.051	/	/	/	/	/	/



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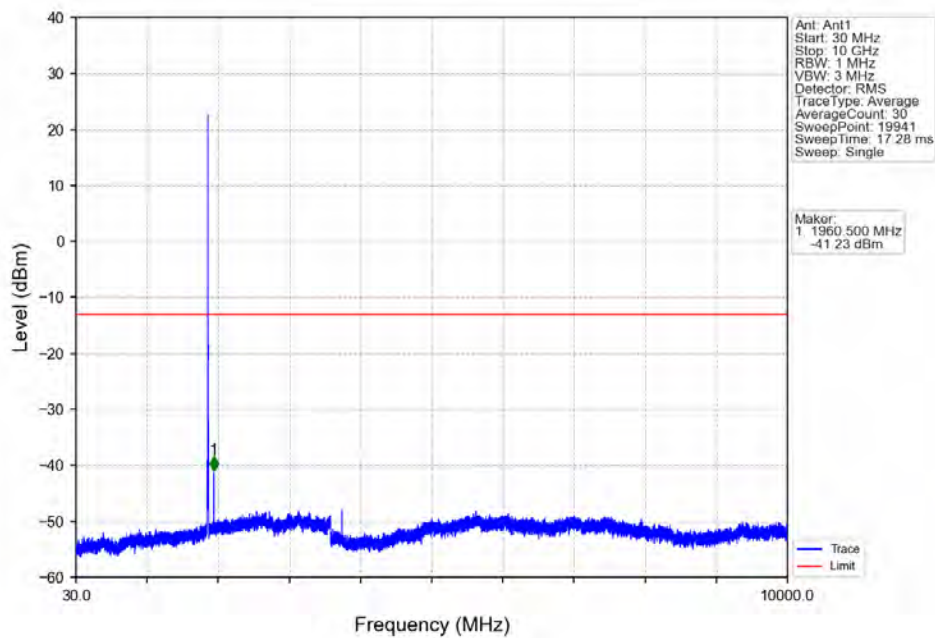
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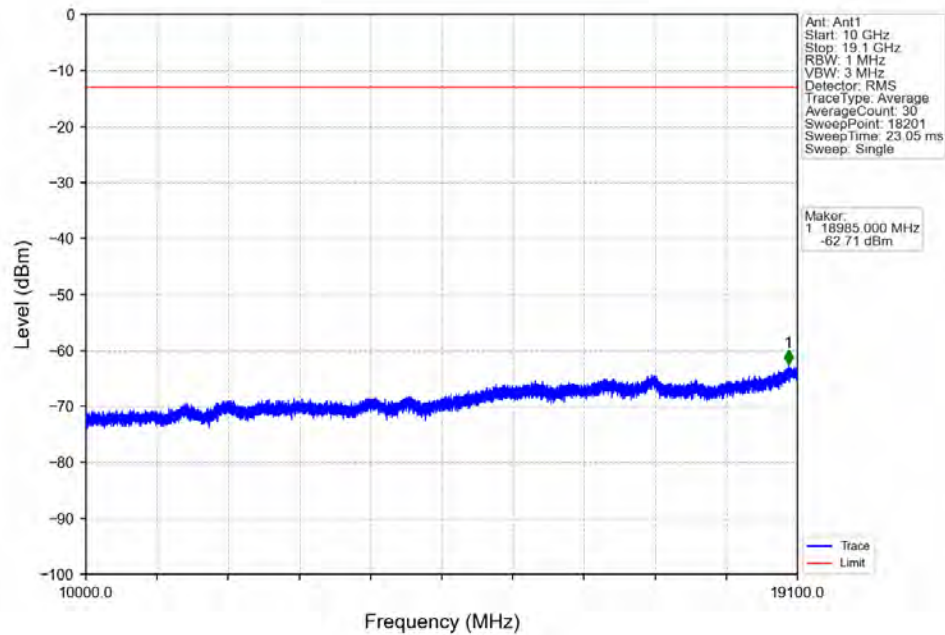
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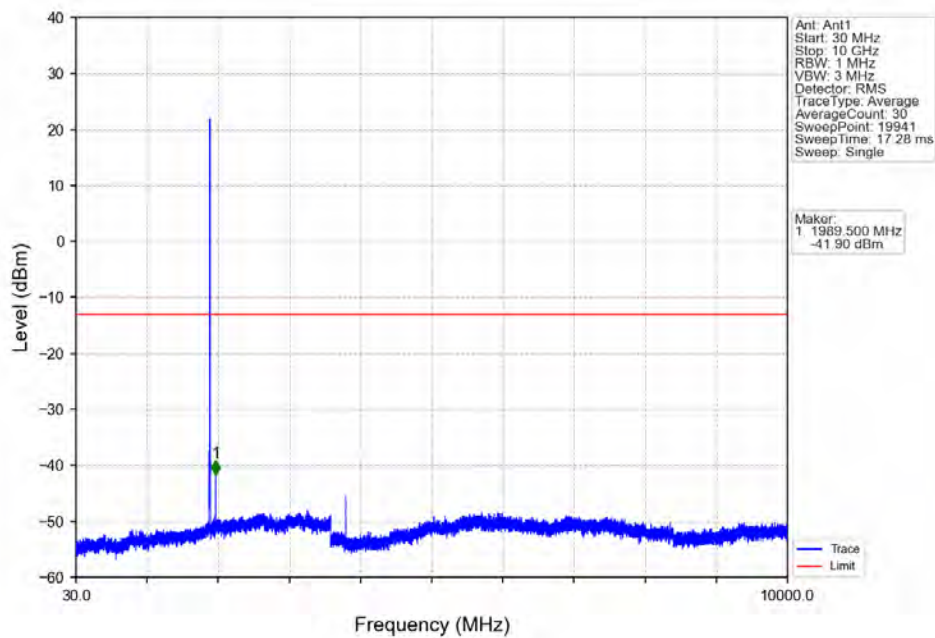
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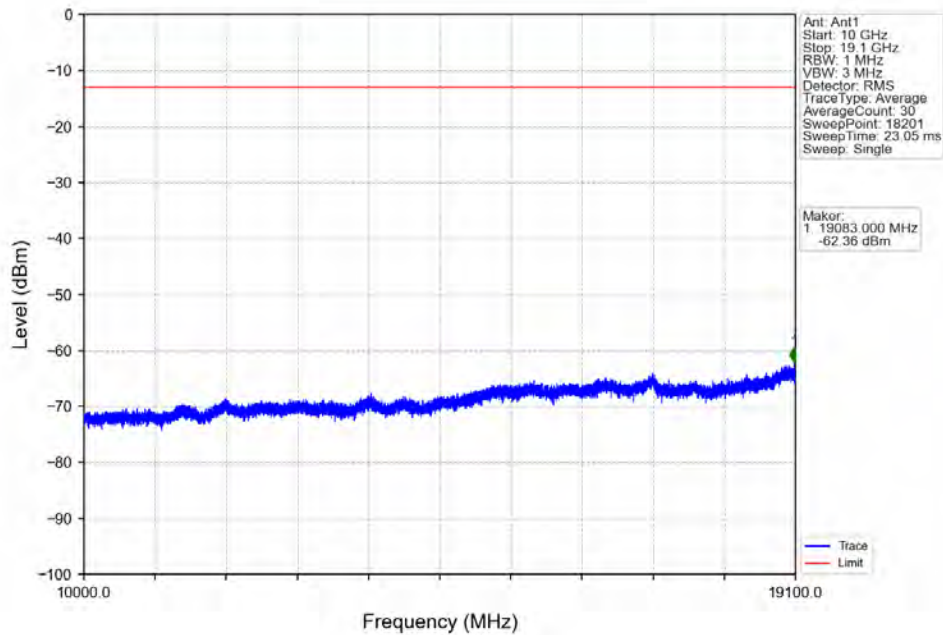
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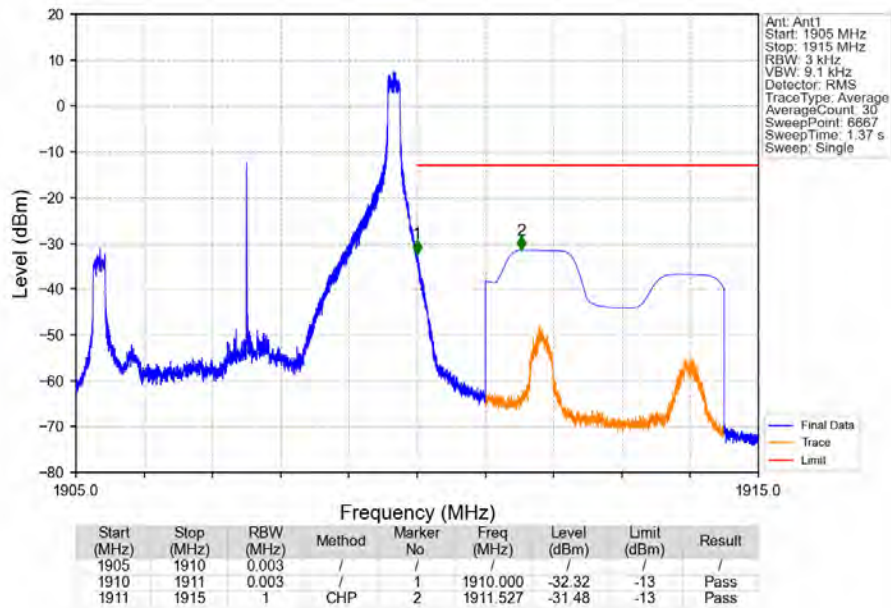
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Band2_5MHz_16QAM_HCH_1907.5MHz_RB_1_24_NTNV



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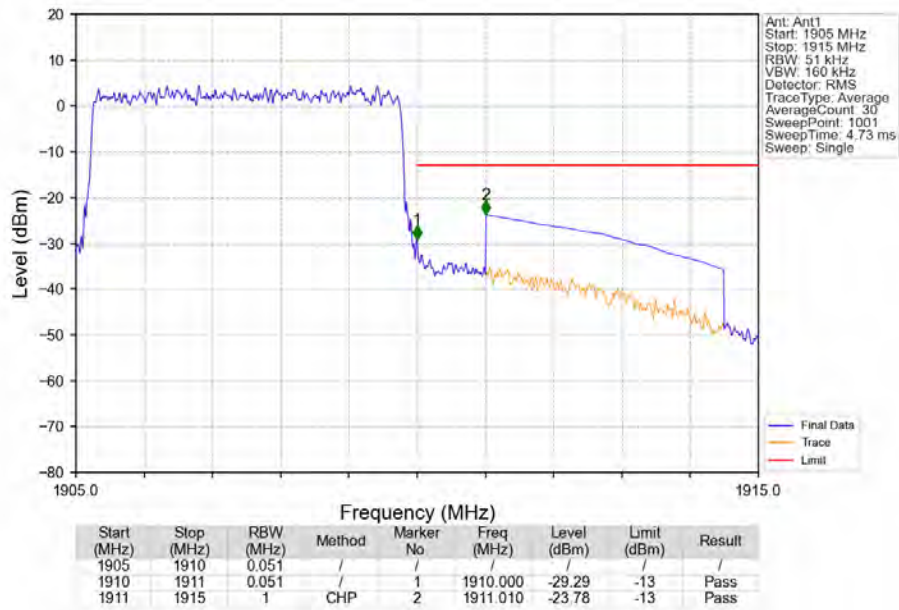
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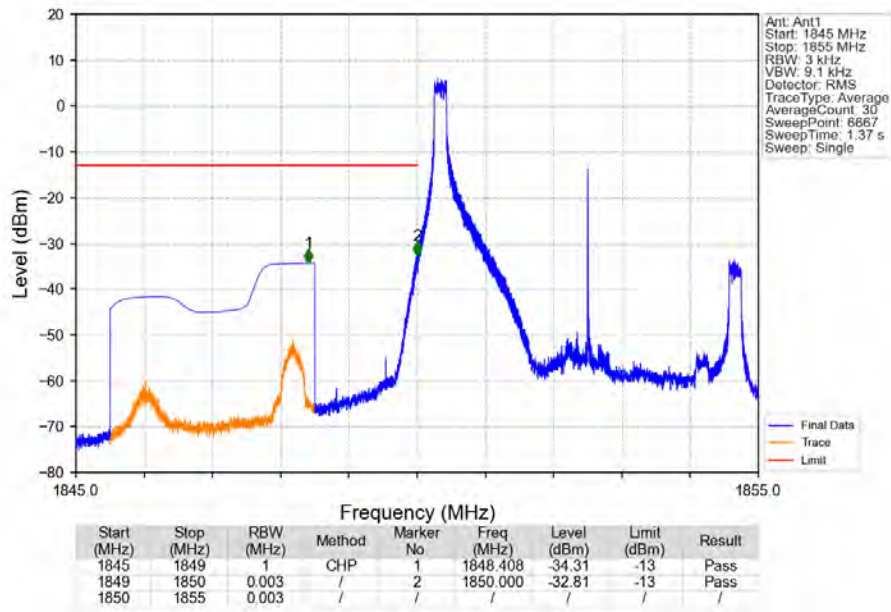
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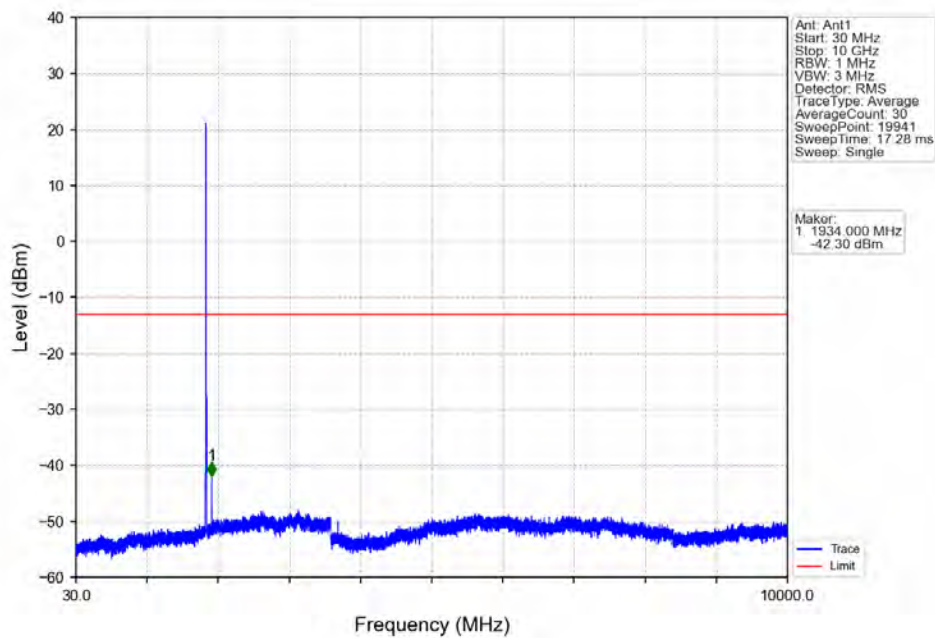
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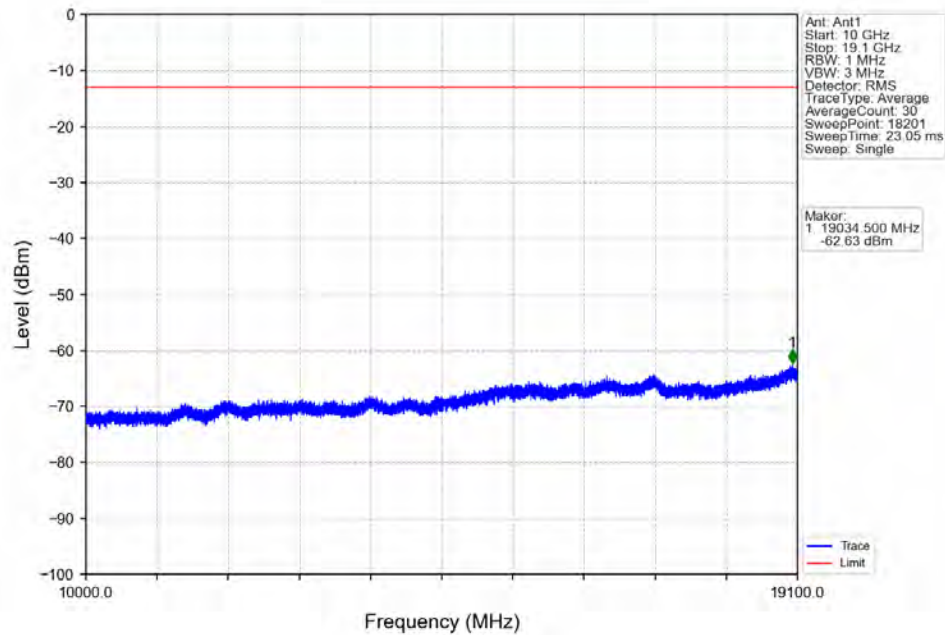
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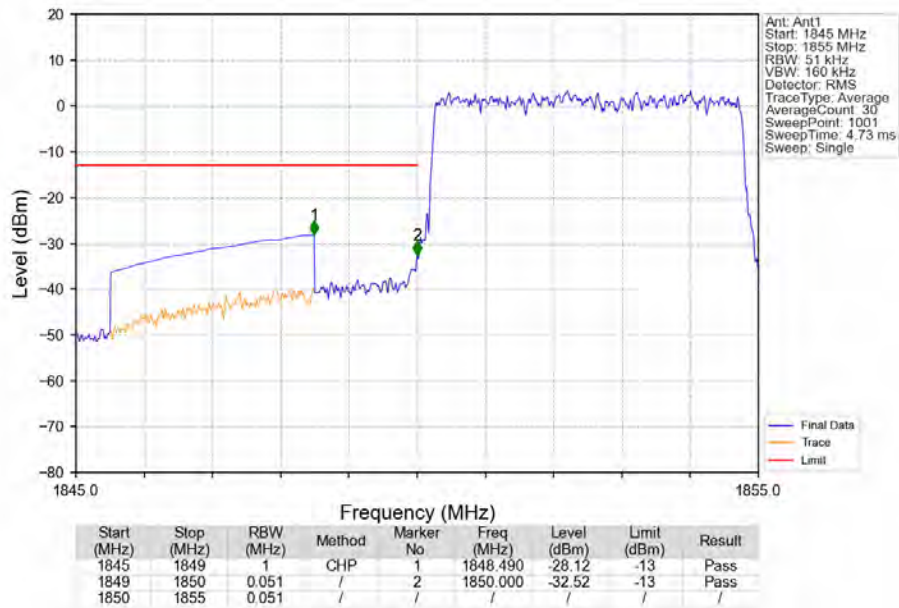
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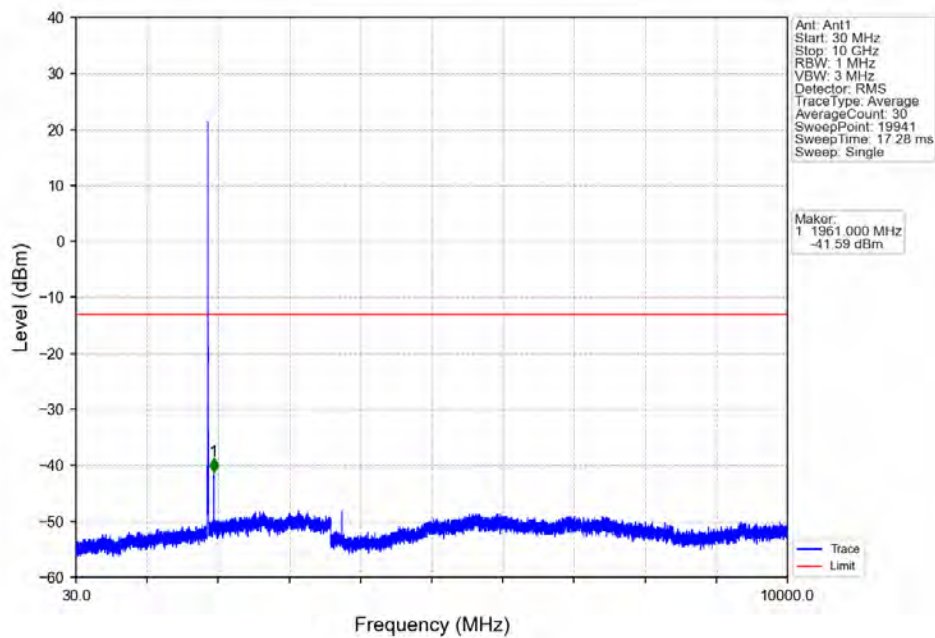
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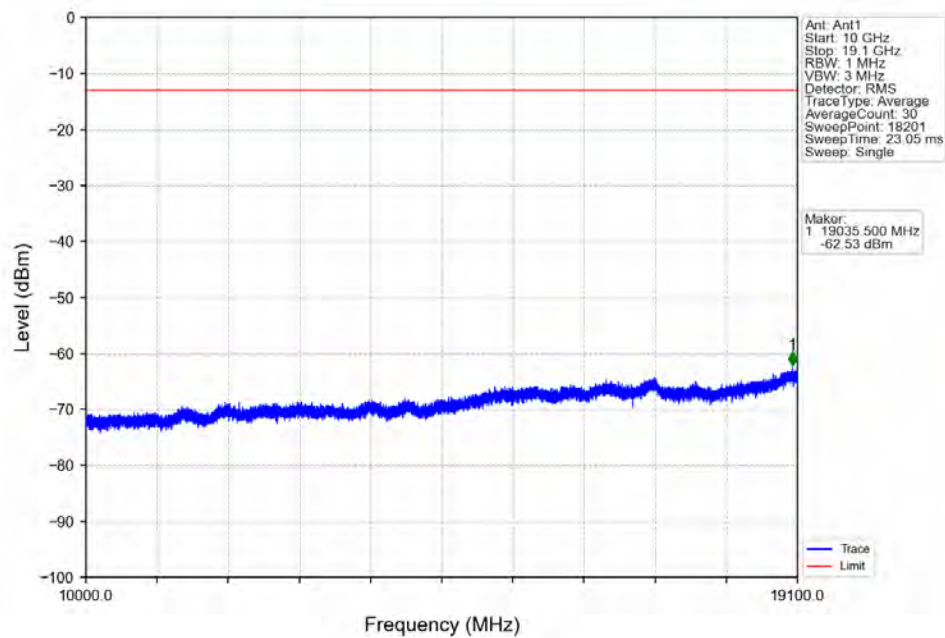
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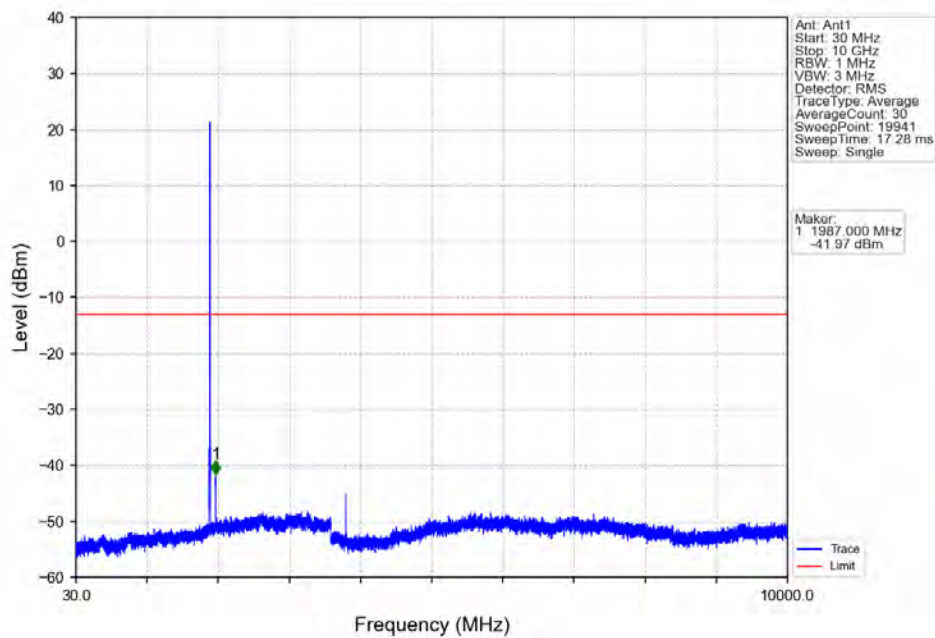
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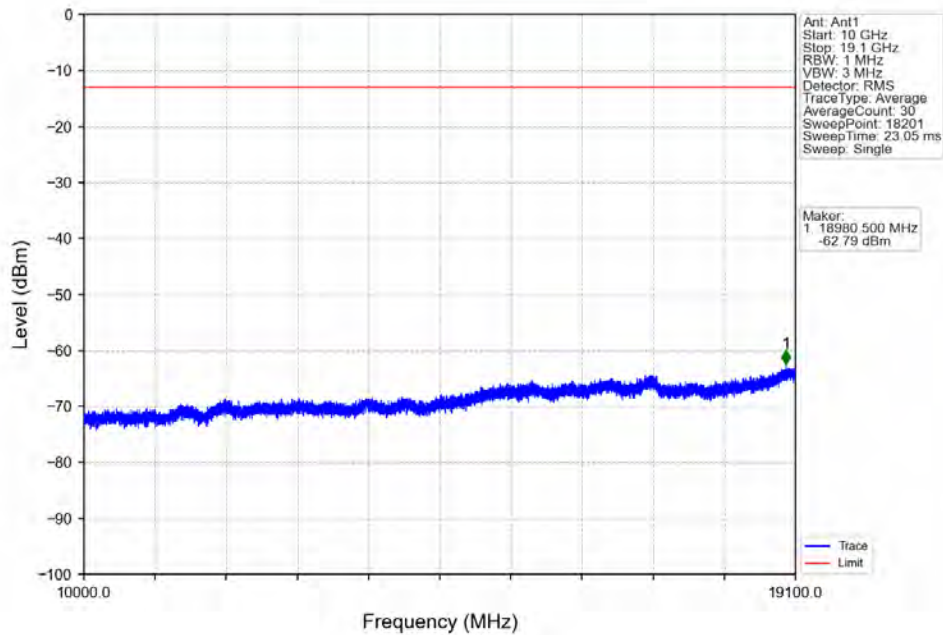
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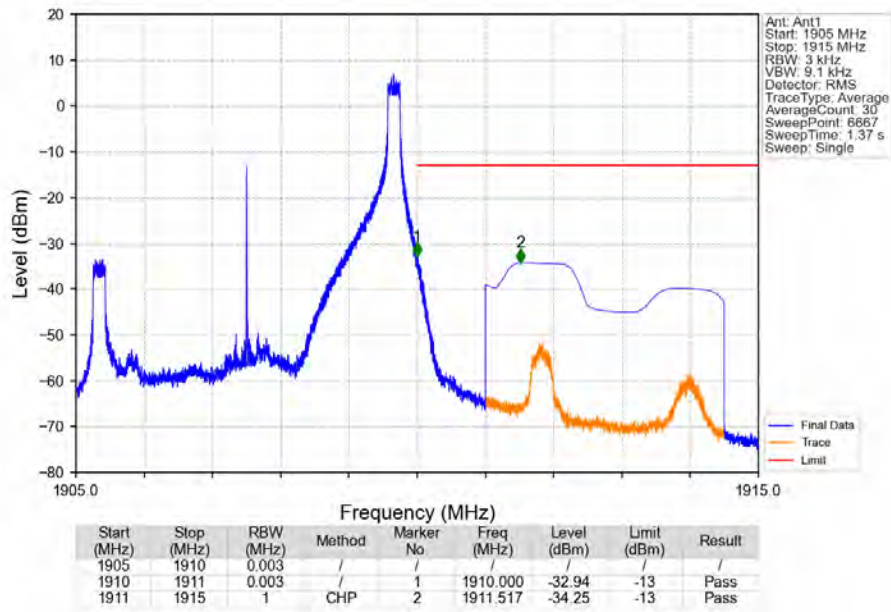
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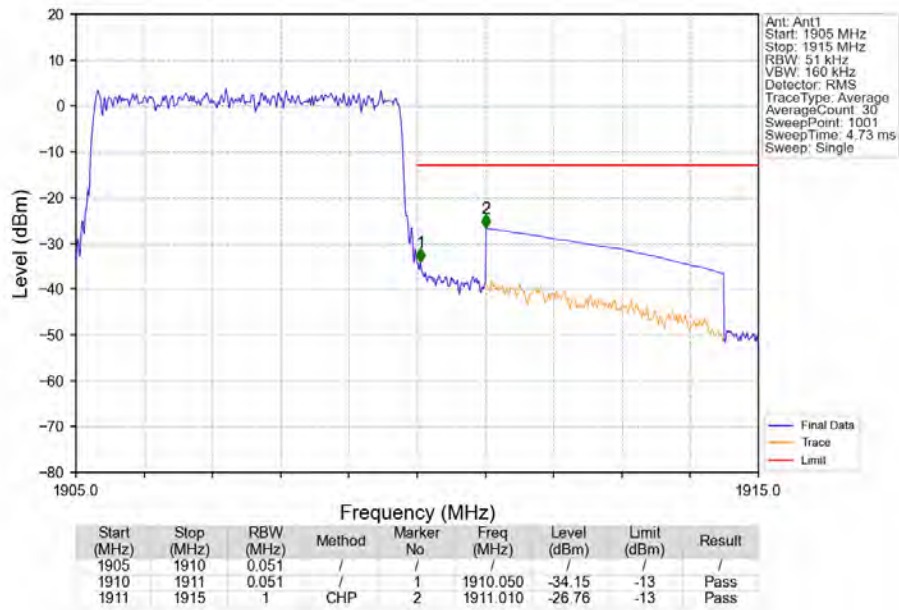
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5.4 B2_10MHz

5.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		1	0	Refer To Test Graph	Pass
	1905	1	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
		1	0	Refer To Test Graph	Pass
	1905	1	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
		1	0	Refer To Test Graph	Pass
	1905	1	49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass



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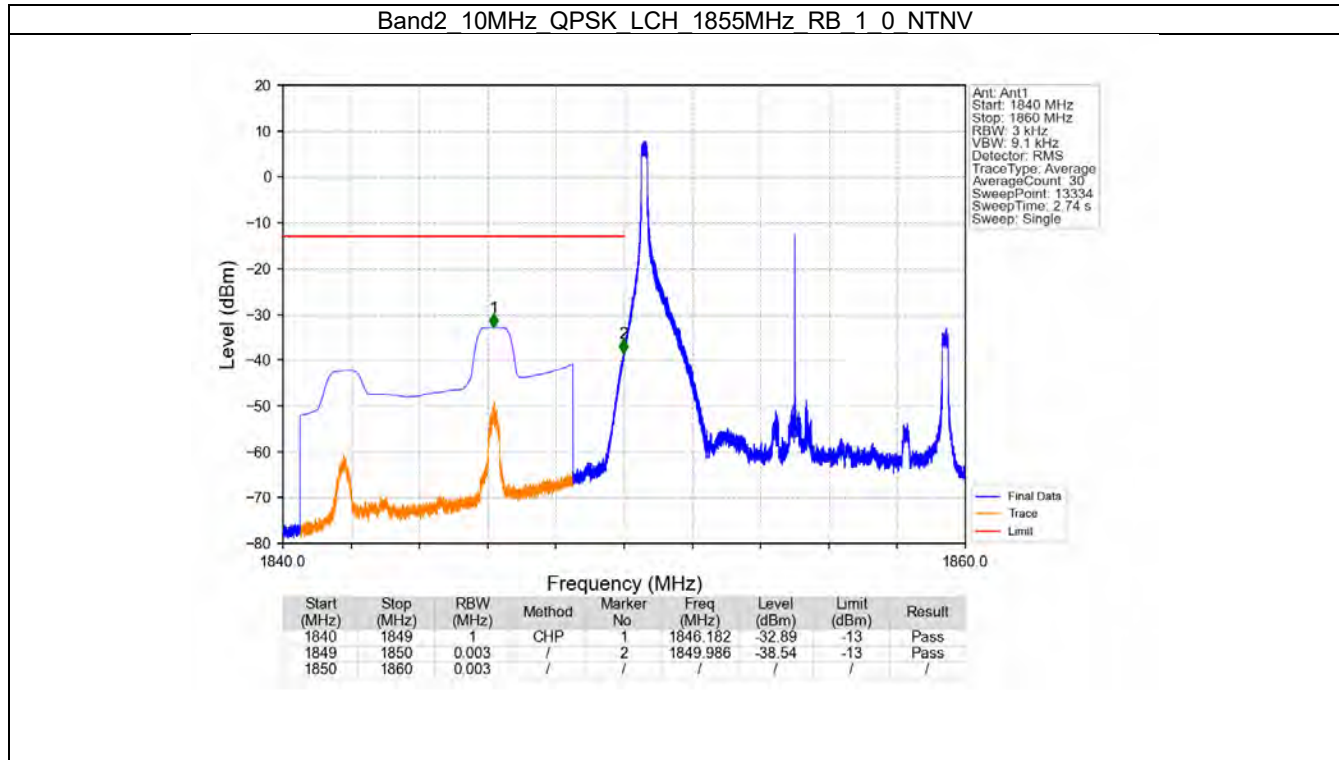
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5.4.2 Test Graph



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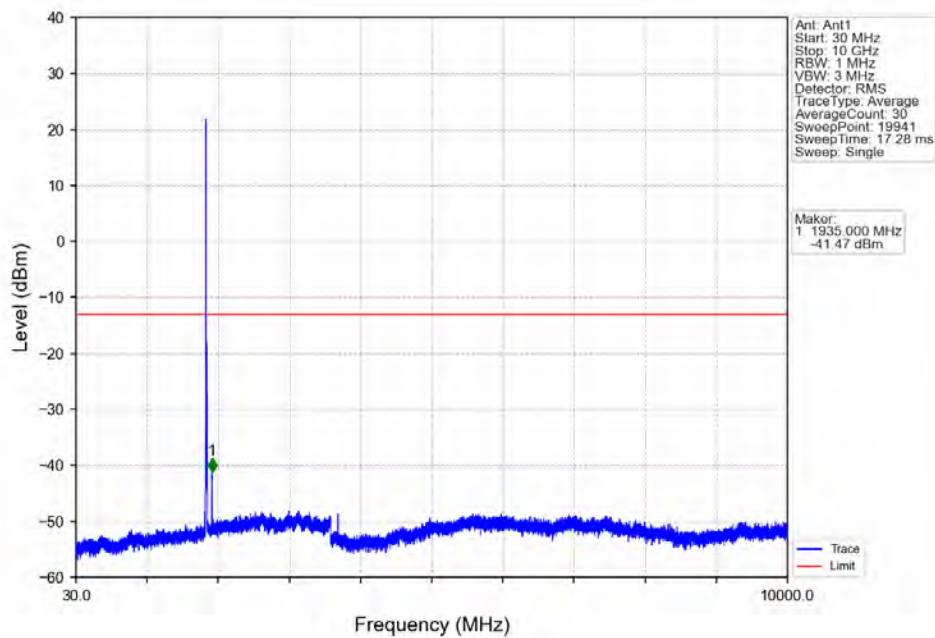
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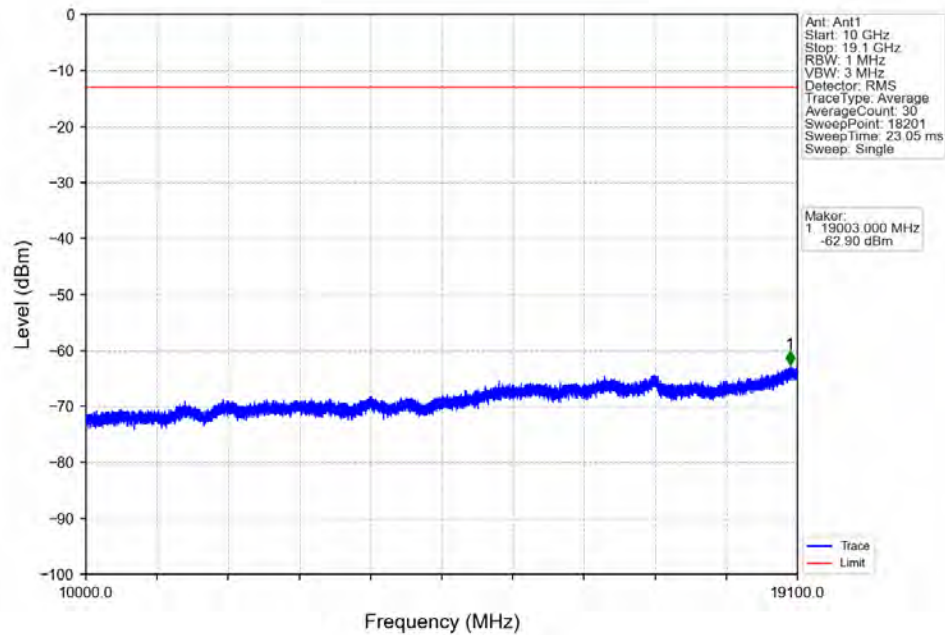
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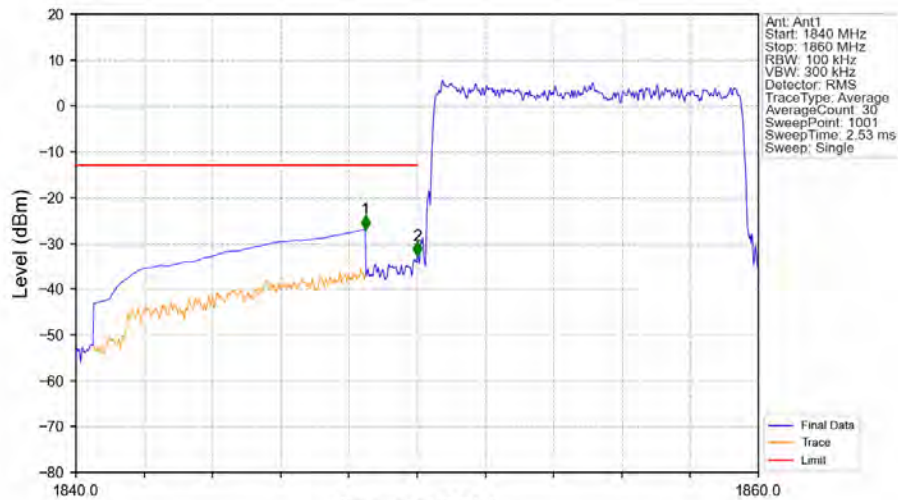
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Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.480	-27.01	-13	Pass
1849	1850	0.1	/	2	1850.000	-32.79	-13	Pass
1850	1860	0.1	/	/	/	/	/	/



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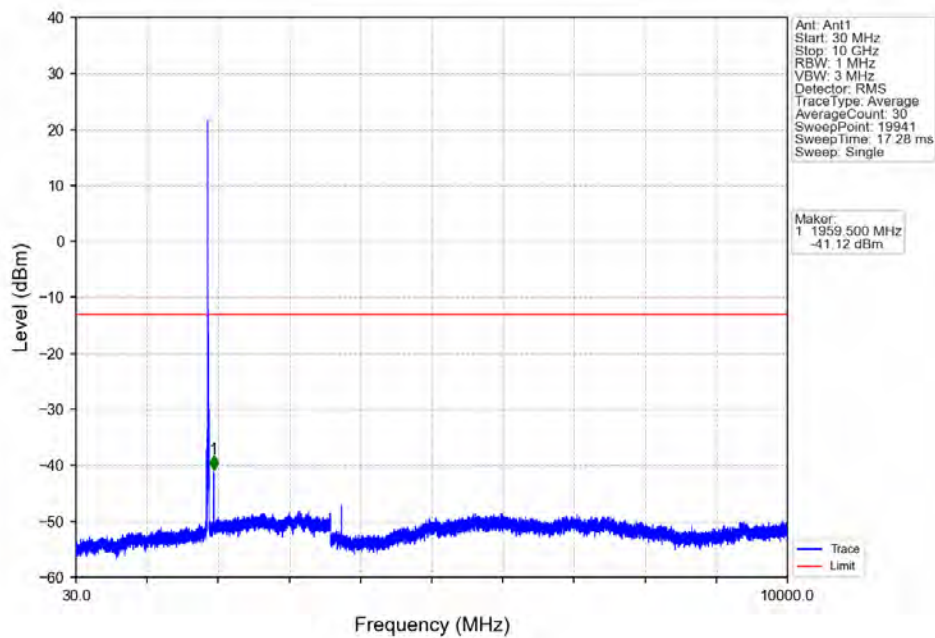
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Band2_10MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



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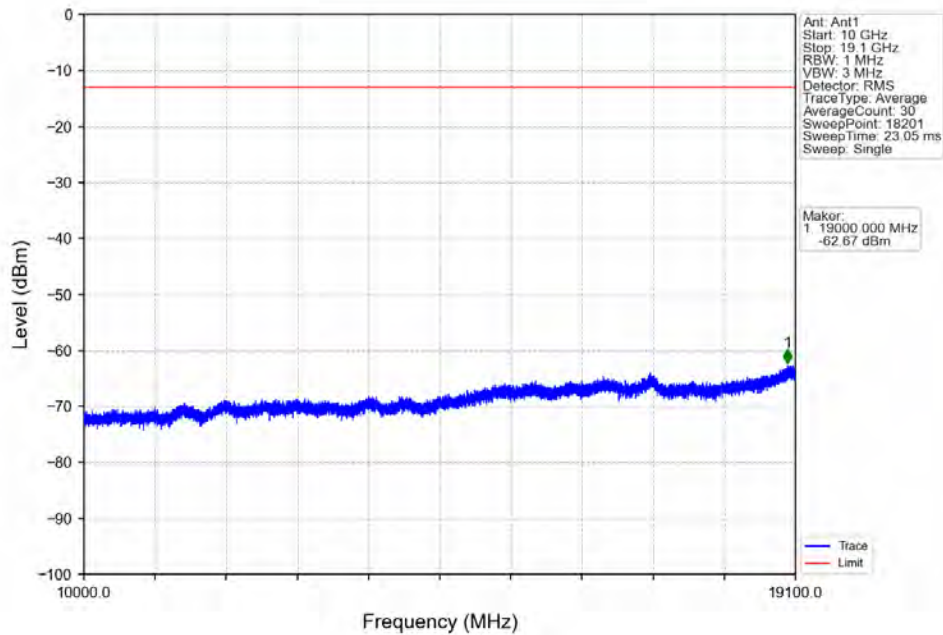
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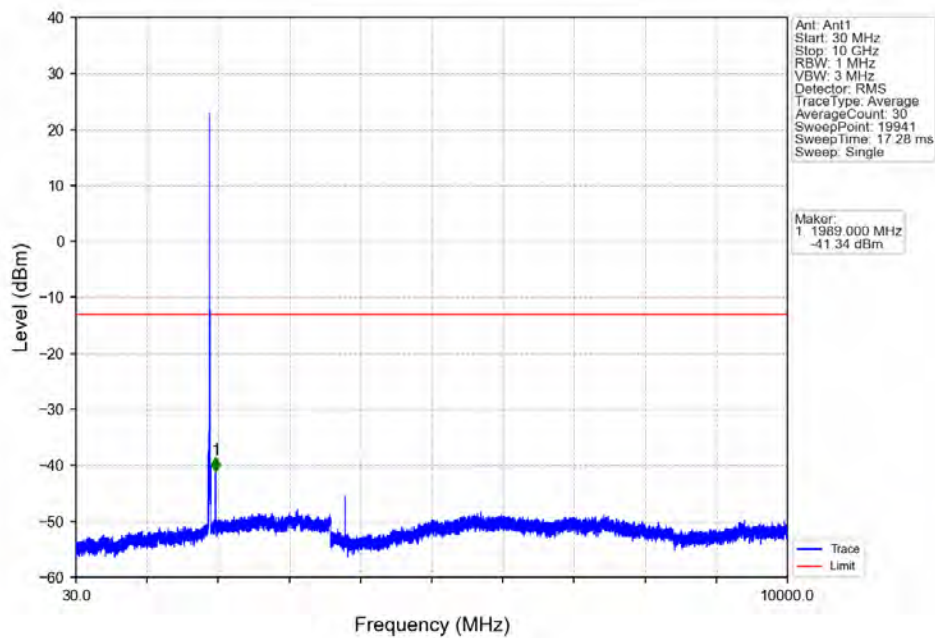
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Band2_10MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV



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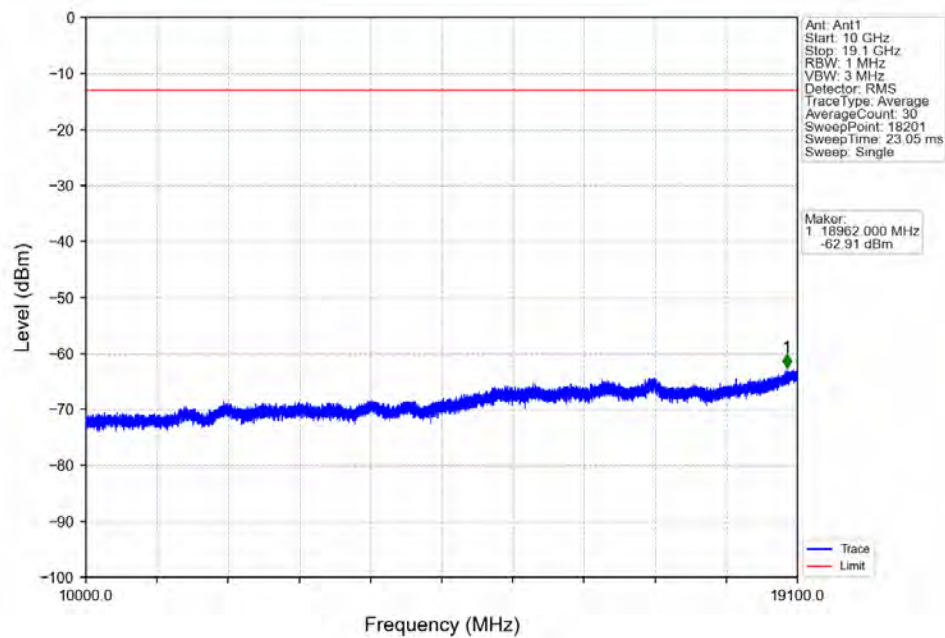
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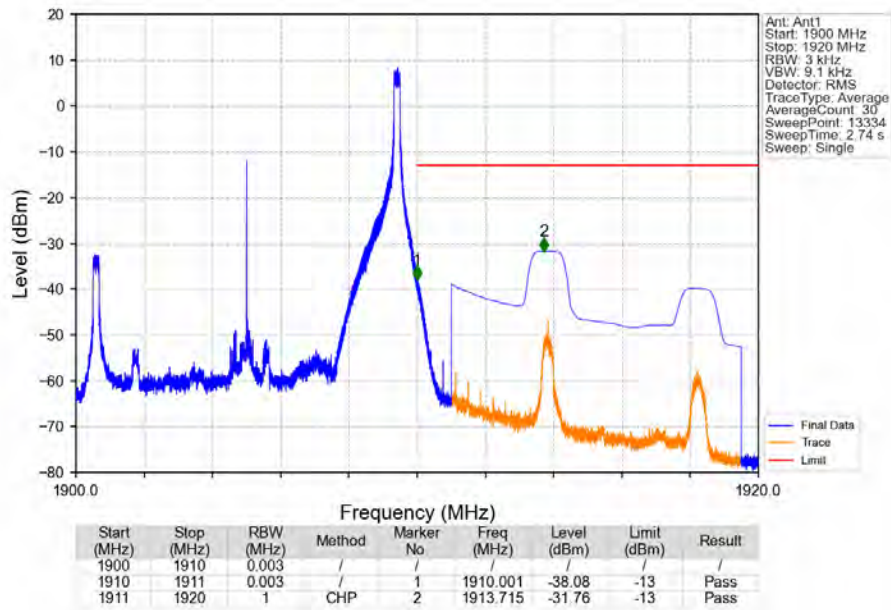
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Band2_10MHz_QPSK_HCH_1905MHz_RB_1_49_NTNV



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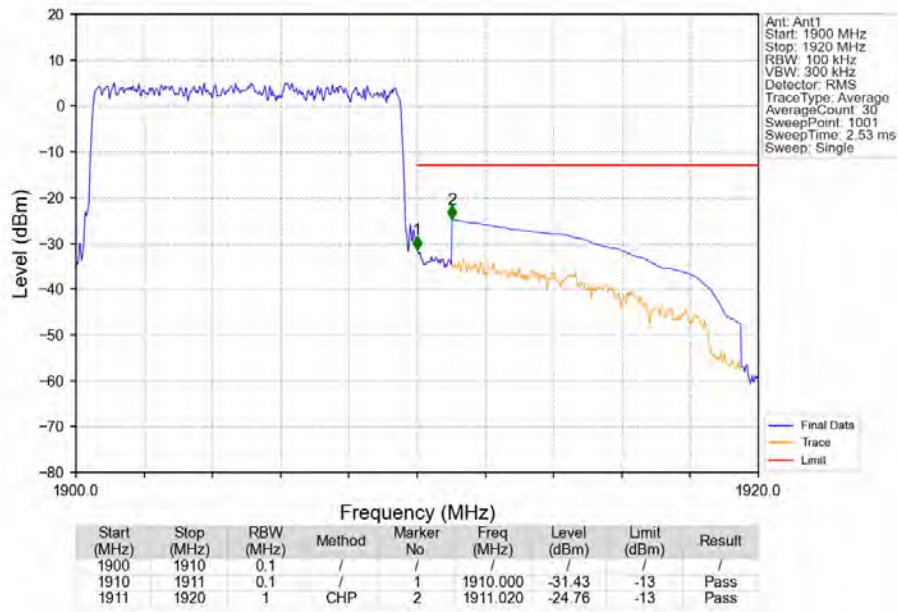
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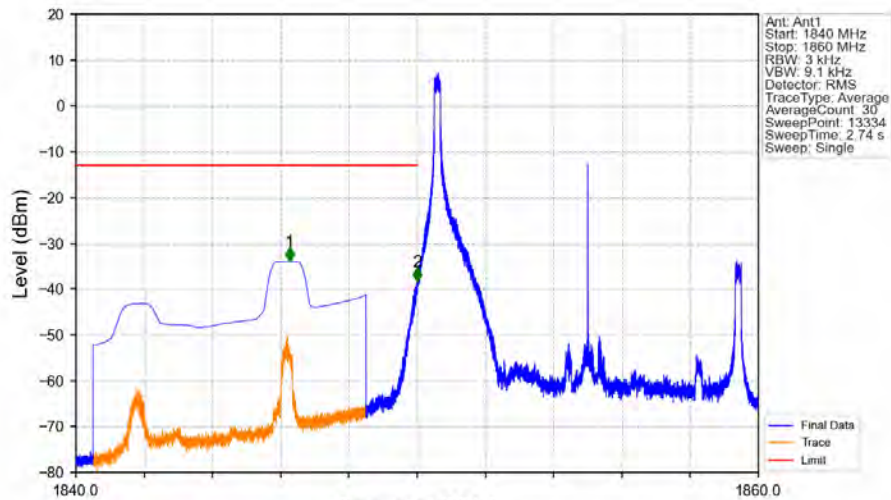
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Band2_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1846.261	-33.97	-13	Pass
1849	1850	0.003	/	2	1849.999	-38.41	-13	Pass
1850	1860	0.003	/	/	/	/	/	/



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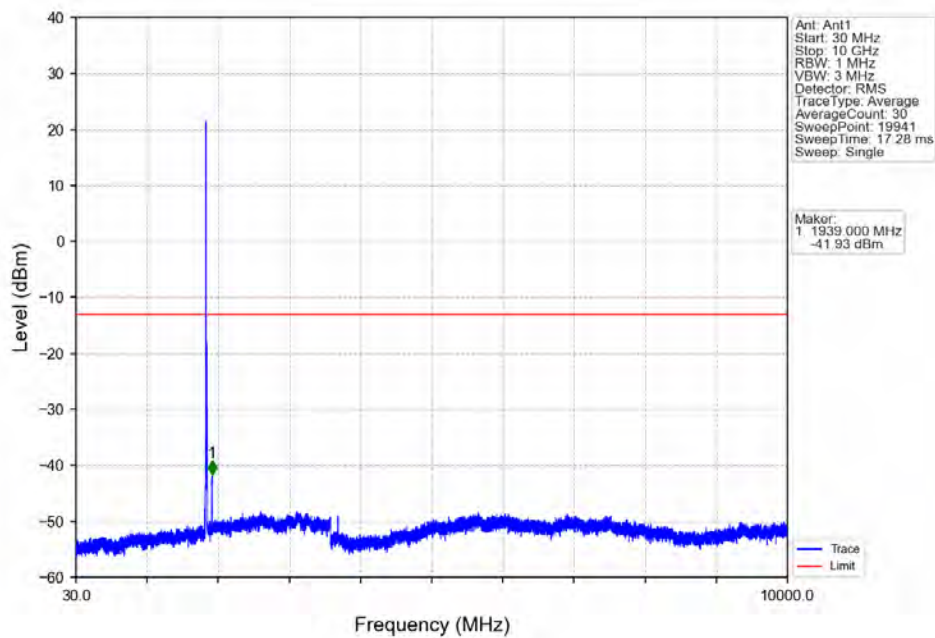
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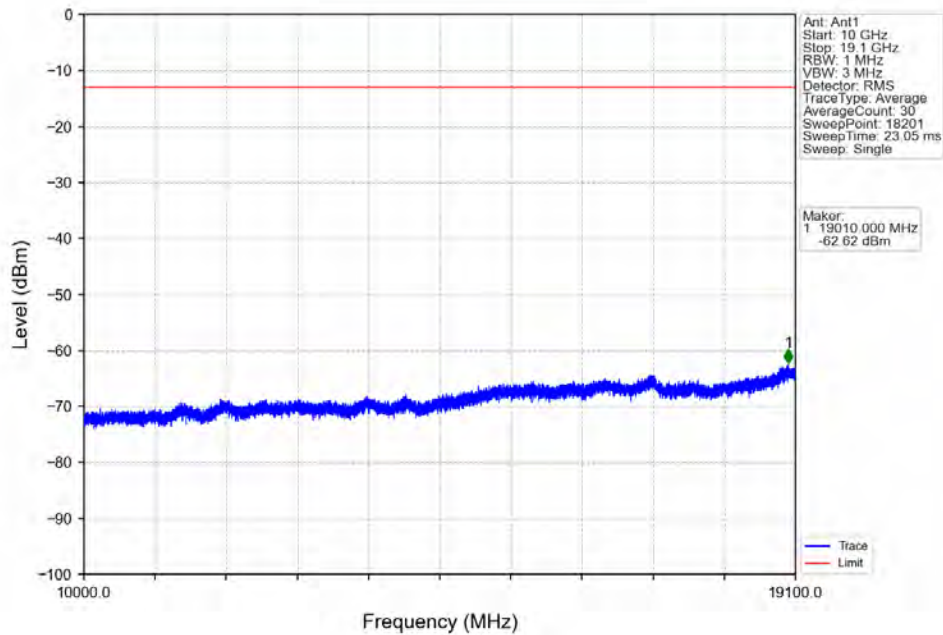
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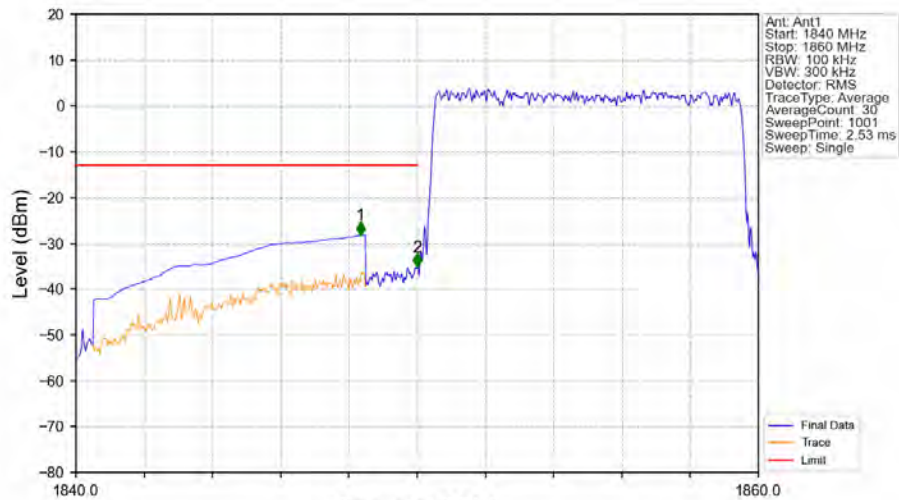
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.340	-28.23	-13	Pass
1849	1850	0.1	/	2	1850.000	-35.21	-13	Pass
1850	1860	0.1	/	/	/	/	/	/



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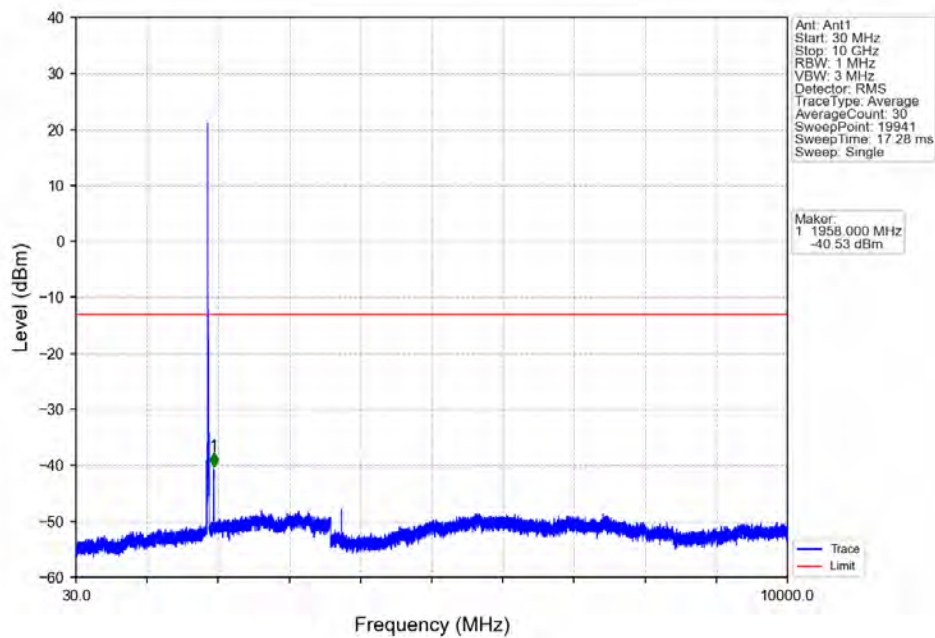
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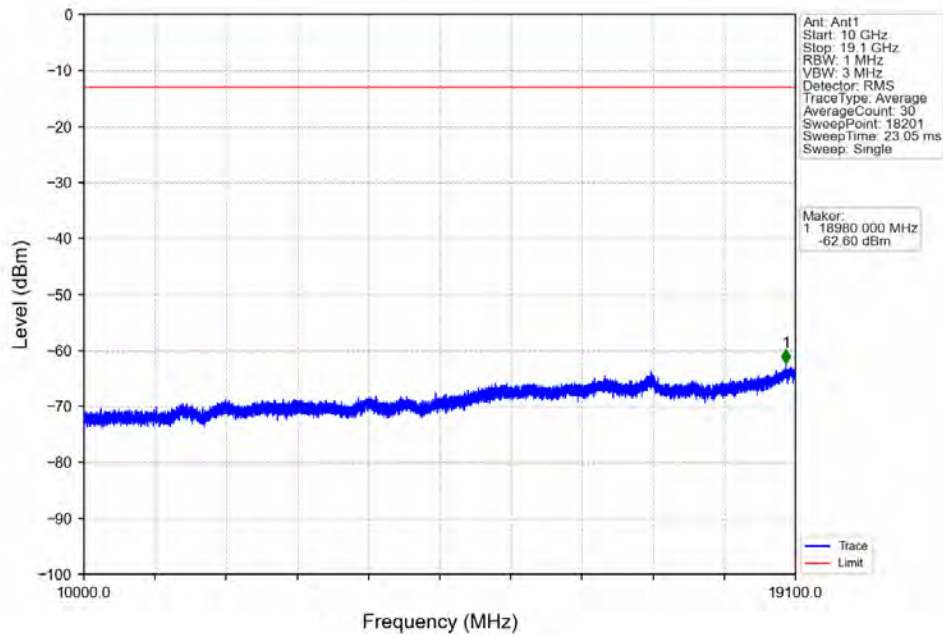
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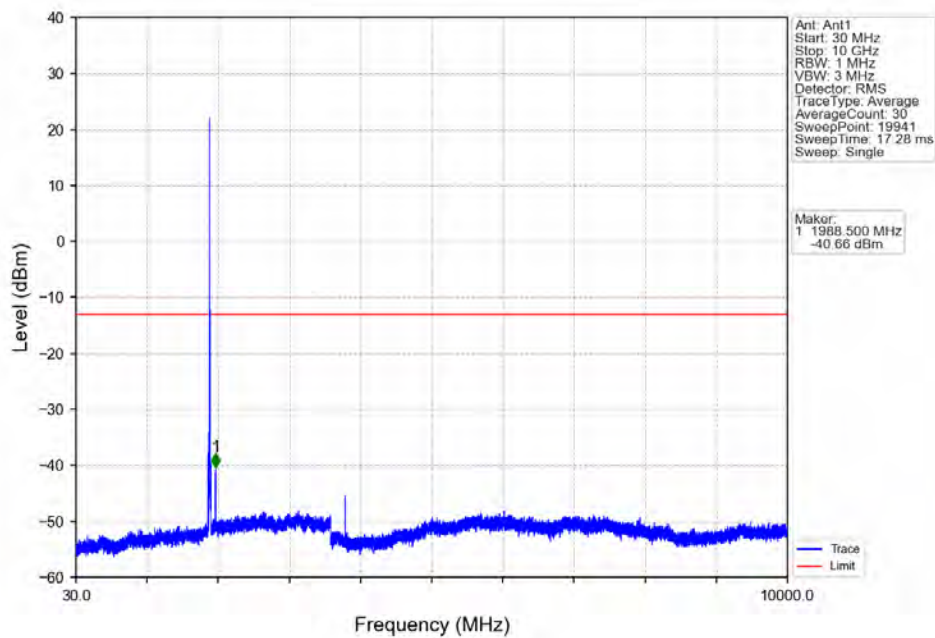
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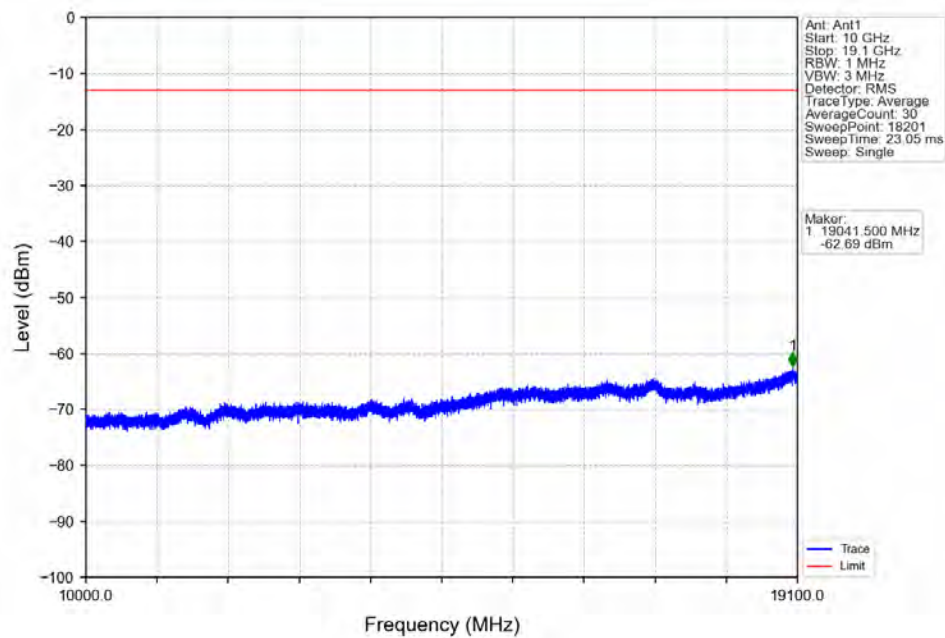
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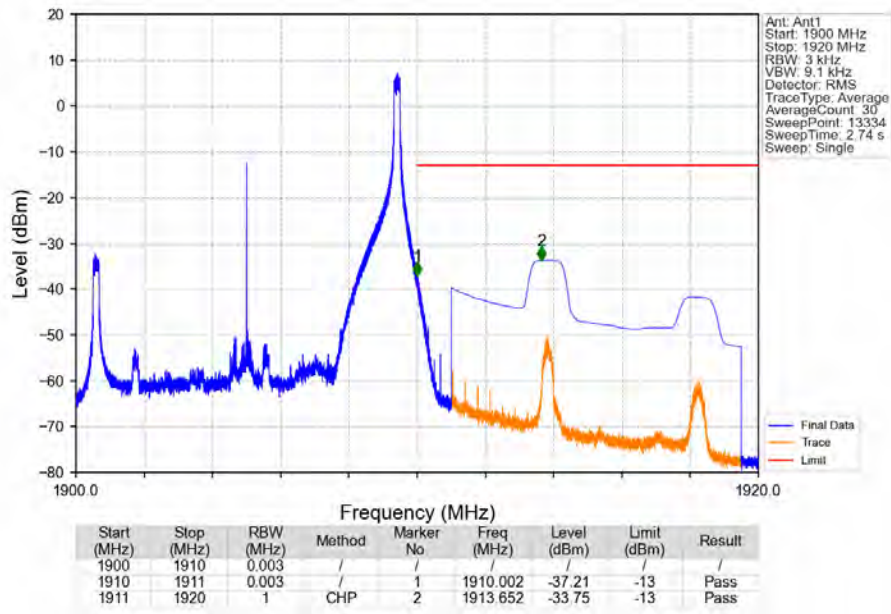
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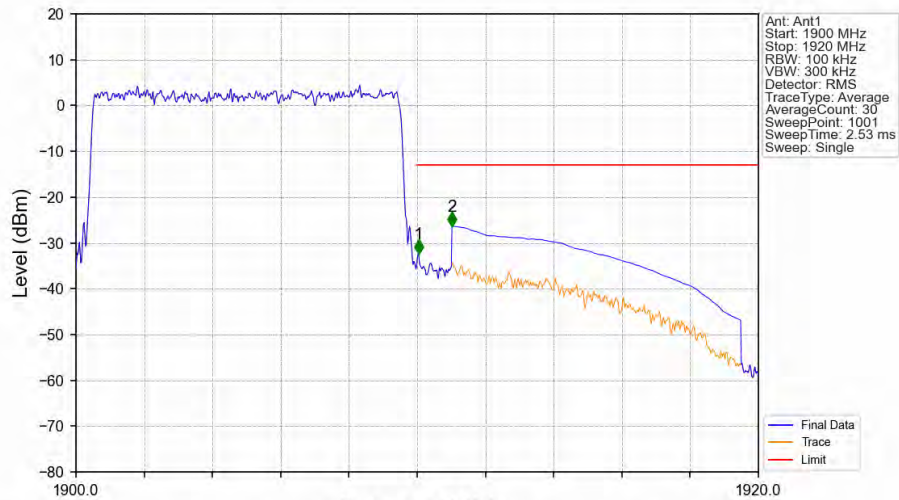
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.1	/	/	/	/	/	/
1910	1911	0.1	/	1	1910.040	-32.35	-13	Pass
1911	1920	1	CHP	2	1911.020	-26.35	-13	Pass



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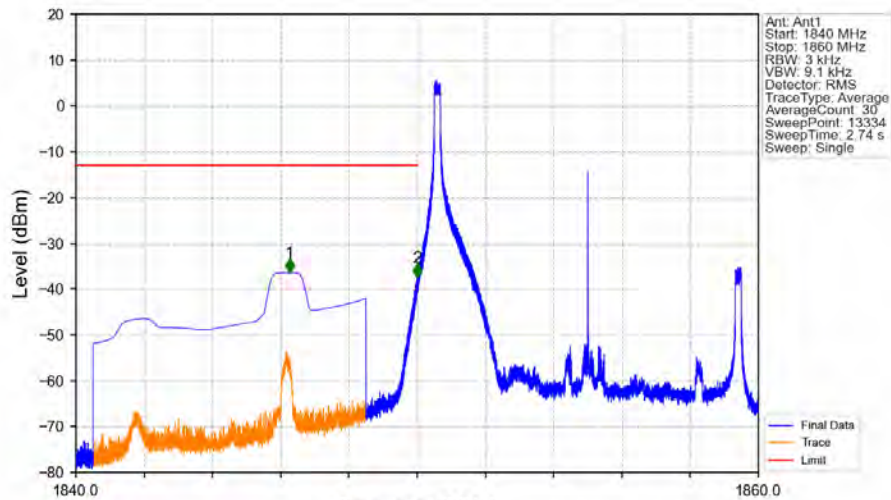
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Band2_10MHz_64QAM_LCH_1855MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1846.260	-36.41	-13	Pass
1849	1850	0.003	/	2	1849.999	-37.50	-13	Pass
1850	1860	0.003	/	/	/	/	/	/



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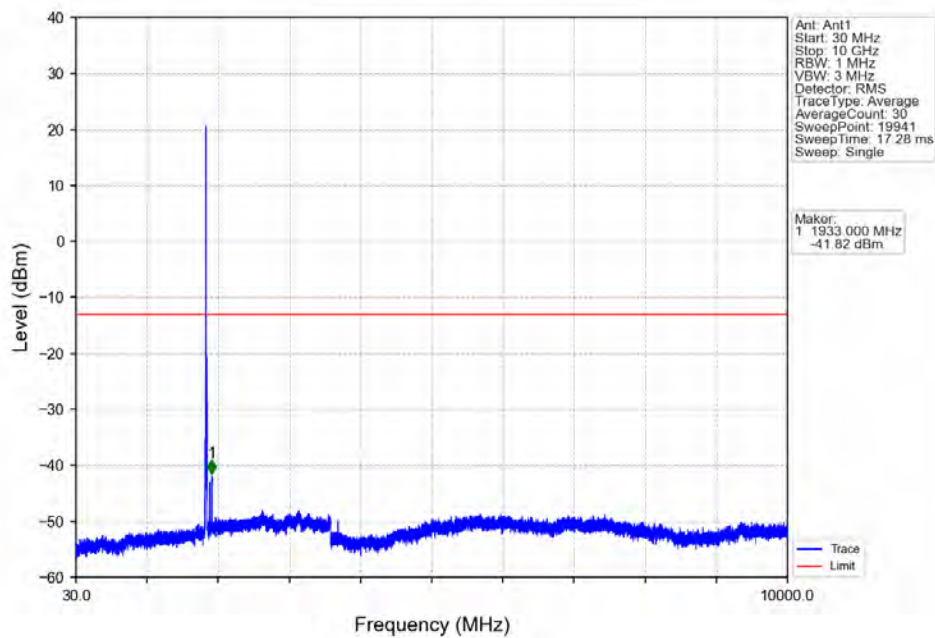
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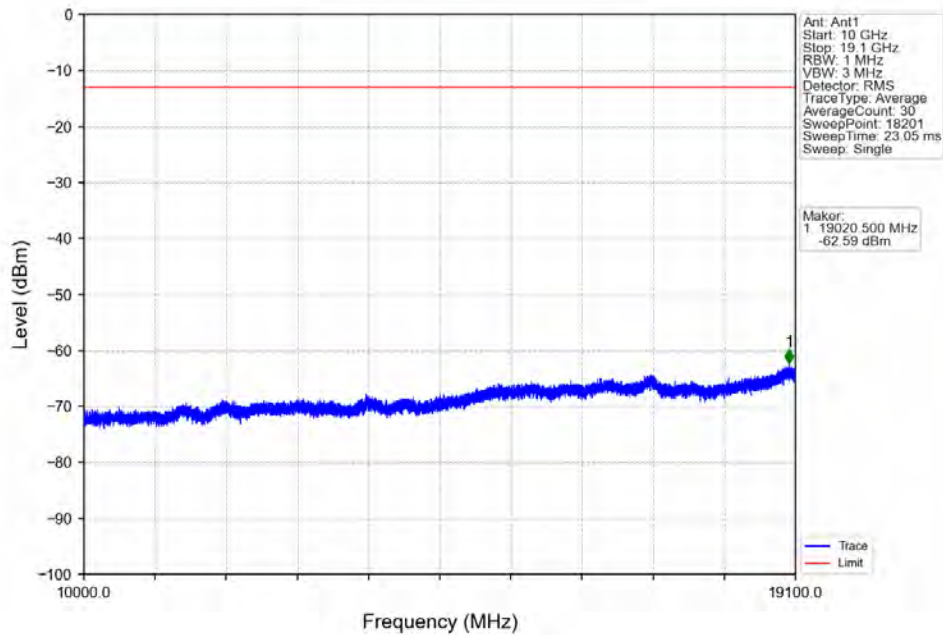
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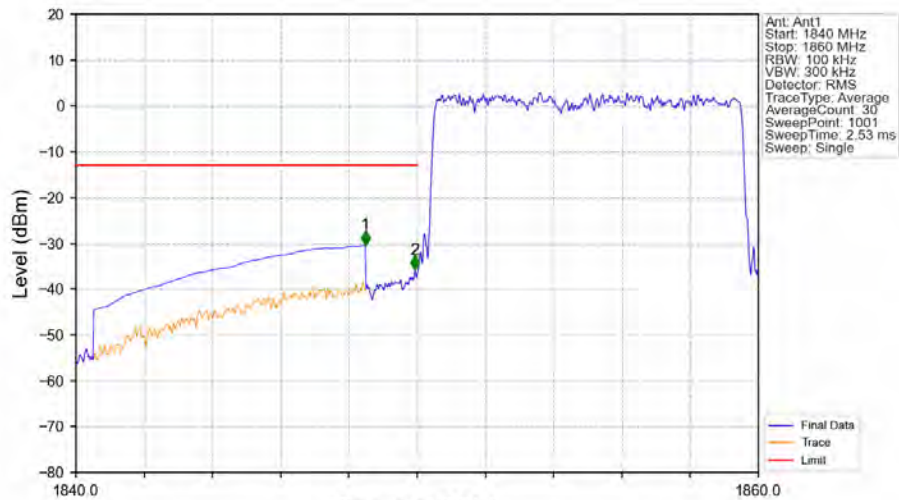
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.480	-30.38	-13	Pass
1849	1850	0.1	/	2	1849.940	-35.75	-13	Pass
1850	1860	0.1	/	/	/	/	/	/



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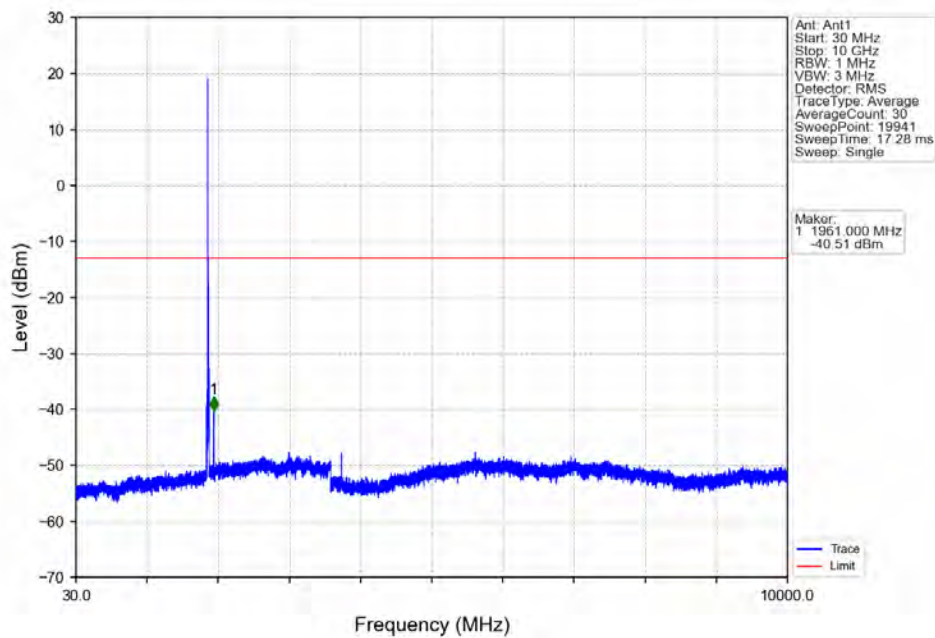
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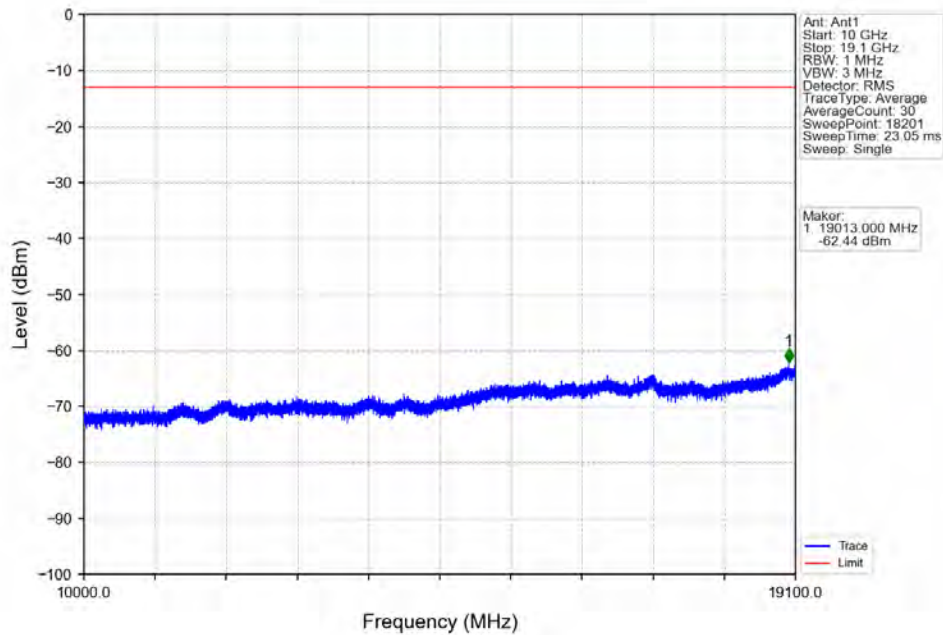
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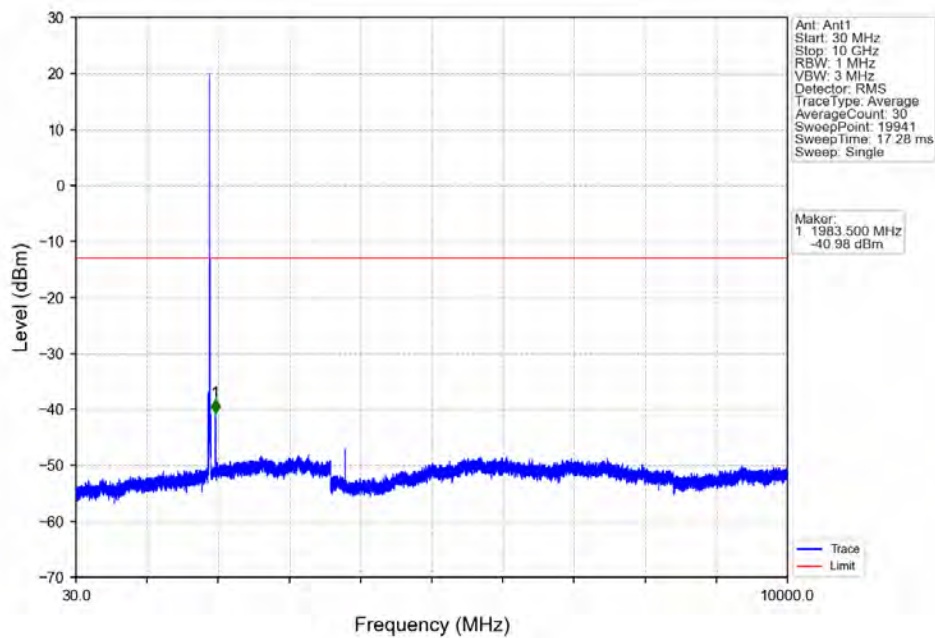
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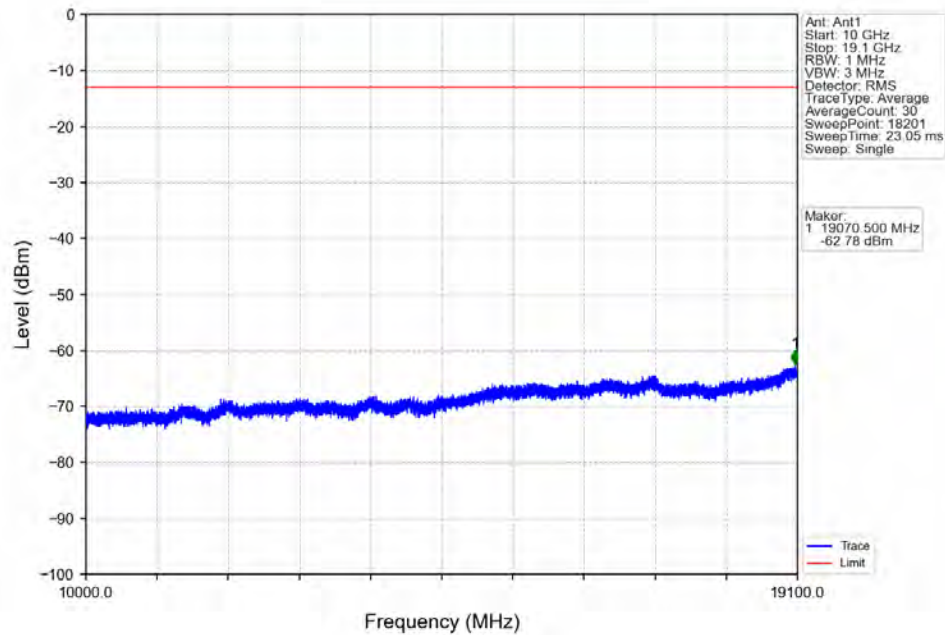
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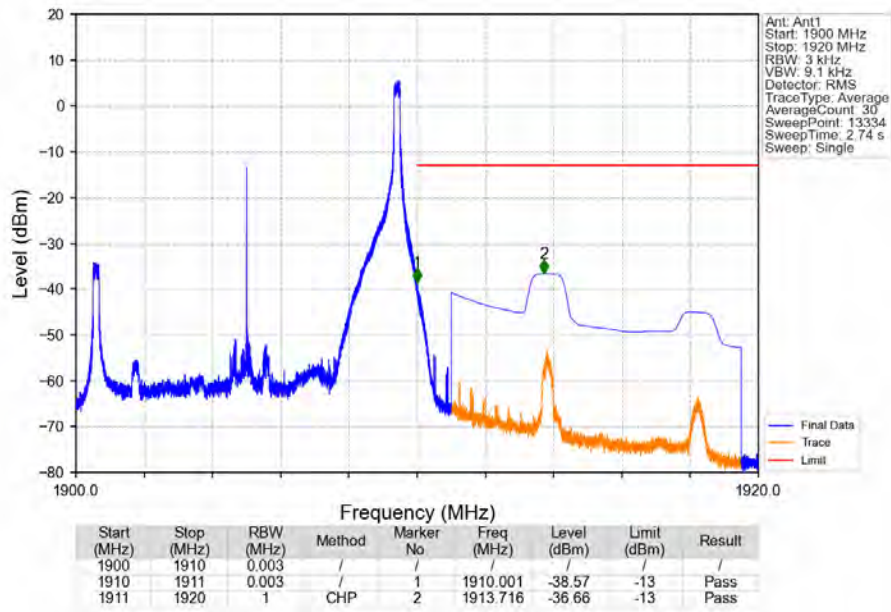
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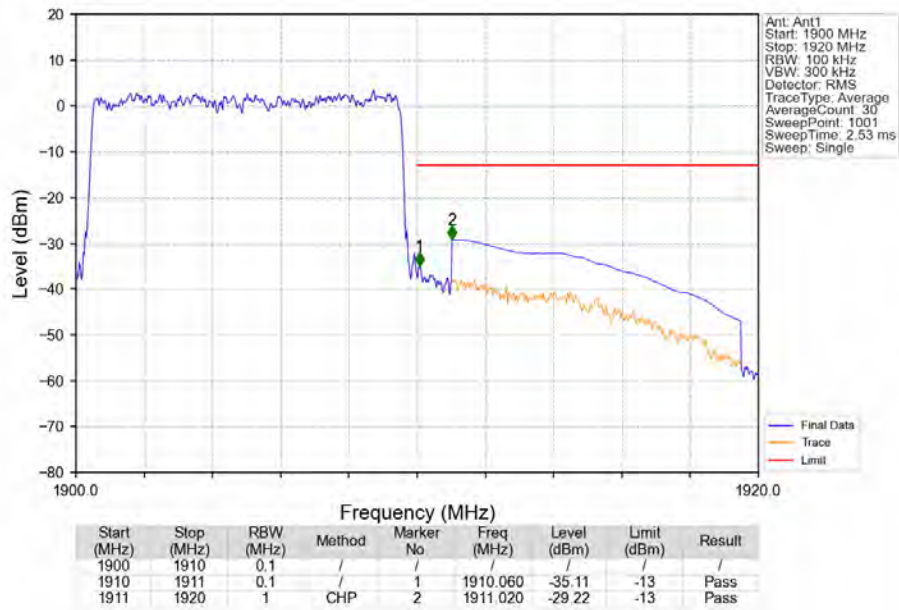
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5.5 B2_15MHz

5.5.1 Test Result

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



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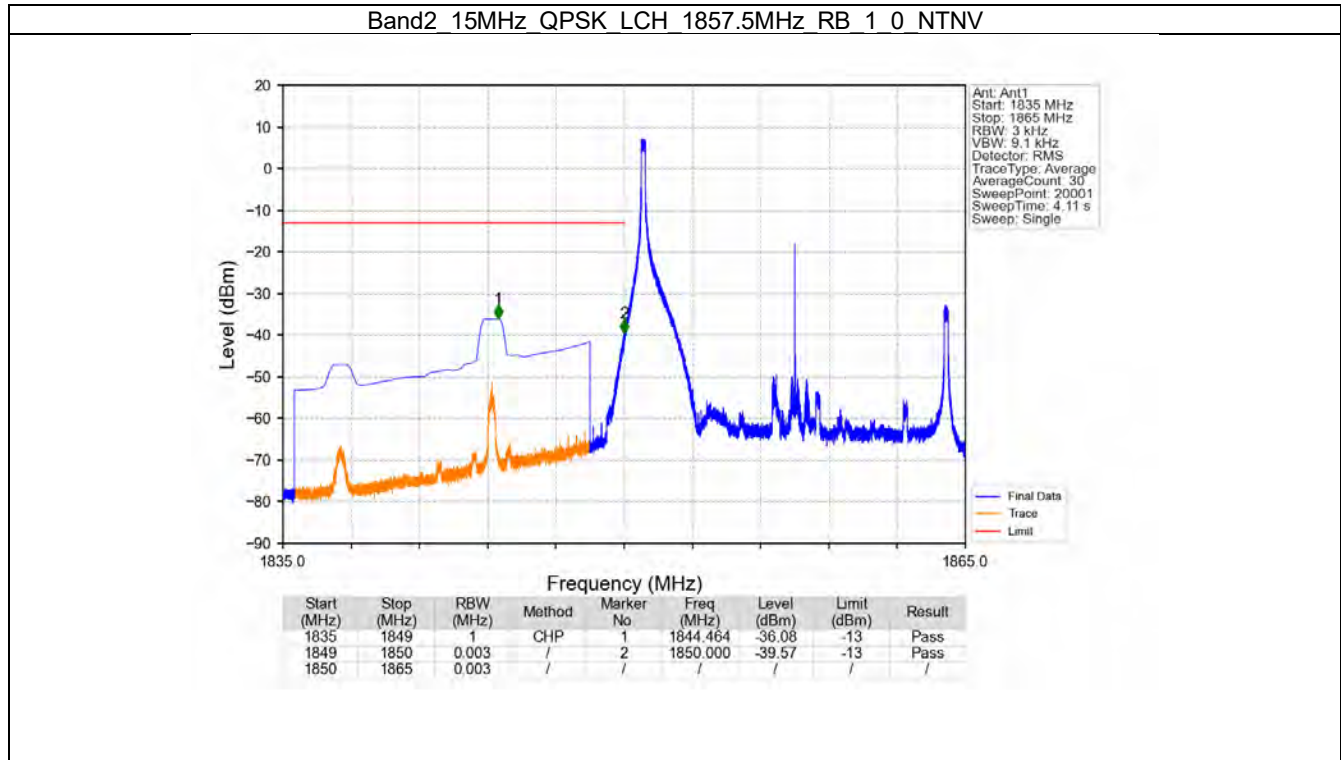
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5.5.2 Test Graph



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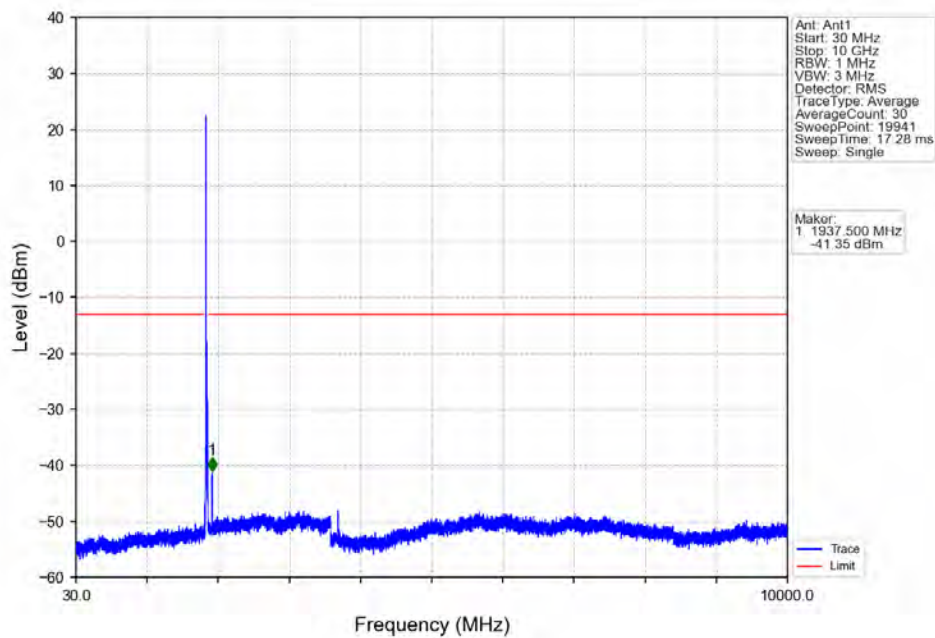
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Band2_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV



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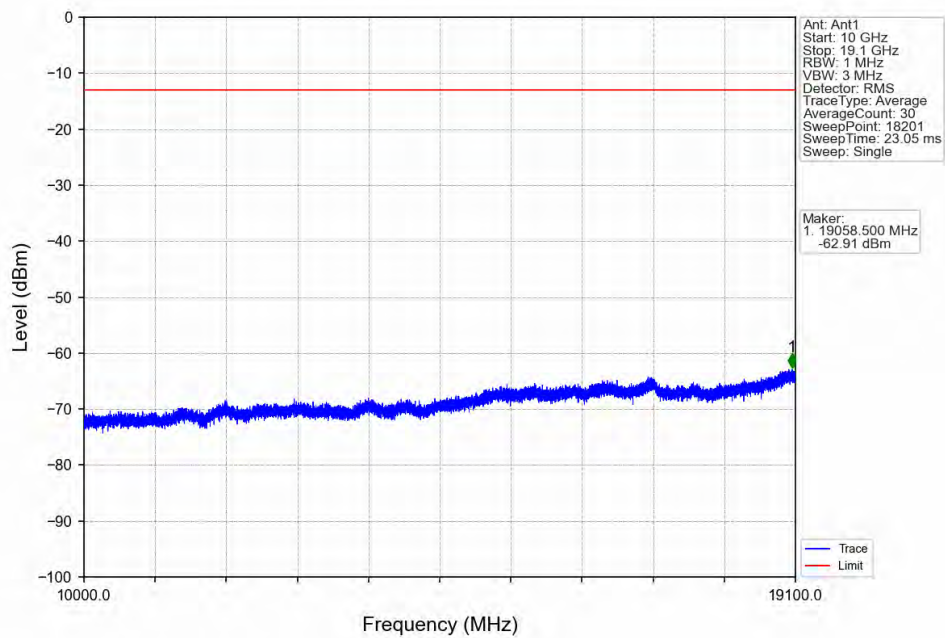
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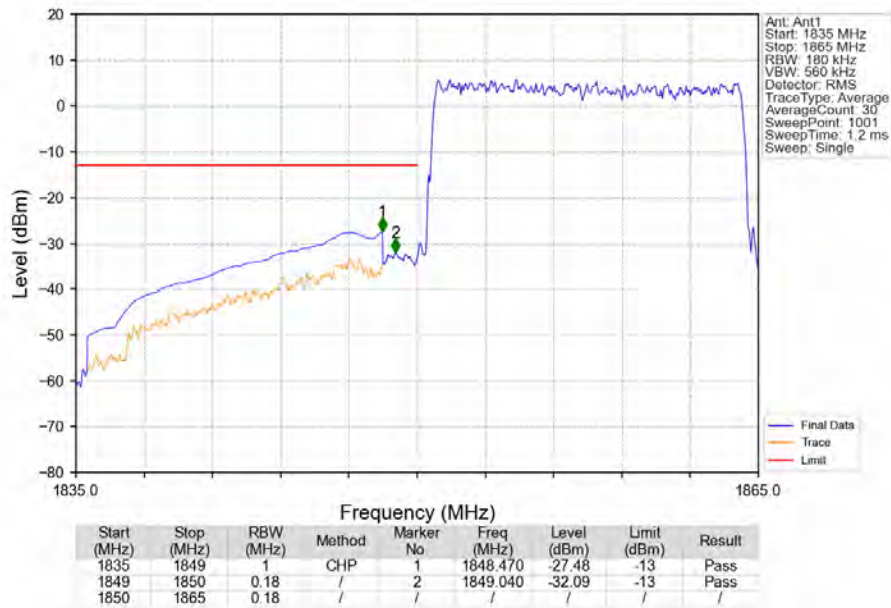
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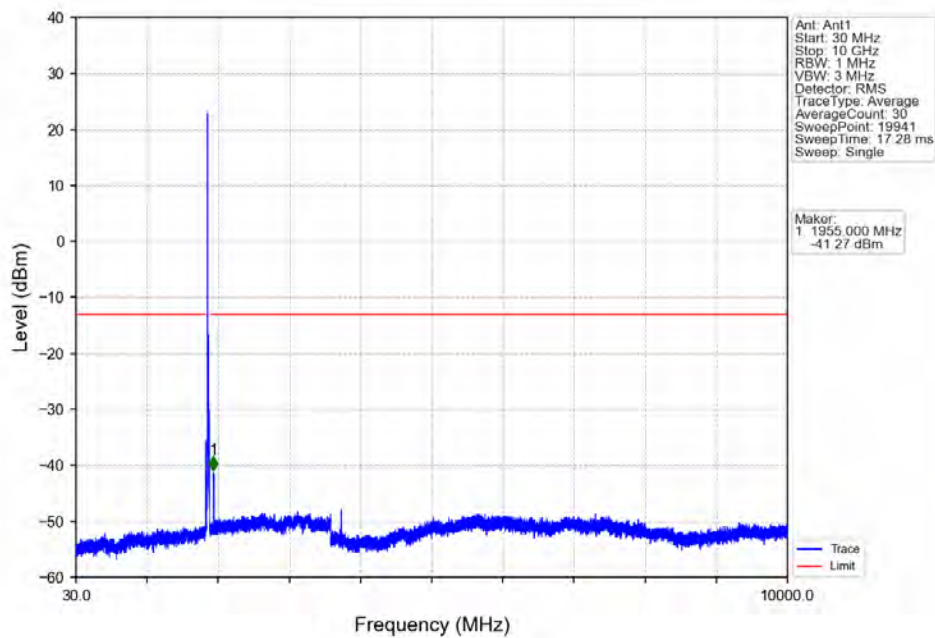
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Band2_15MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



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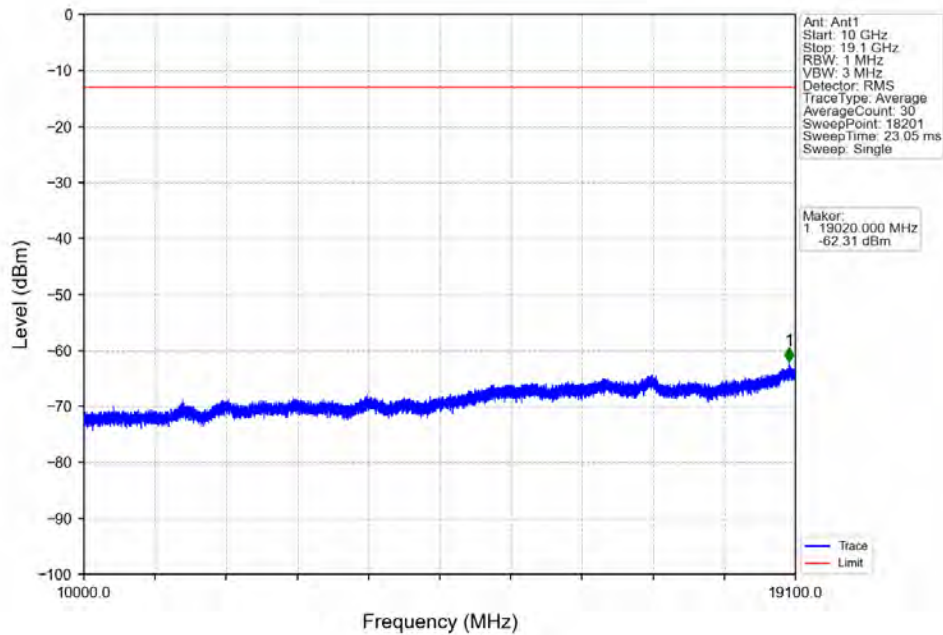
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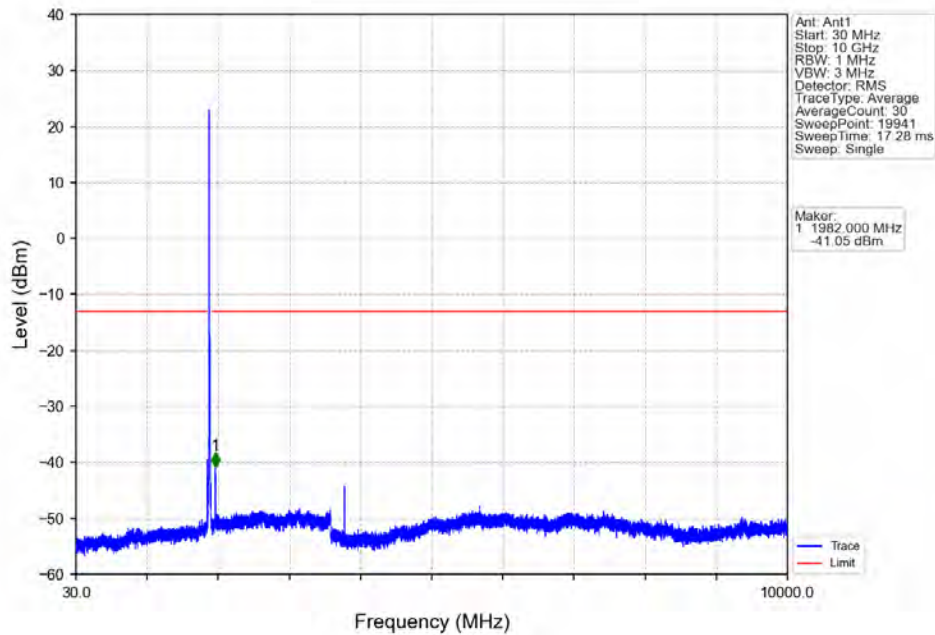
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Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_0_NTNV



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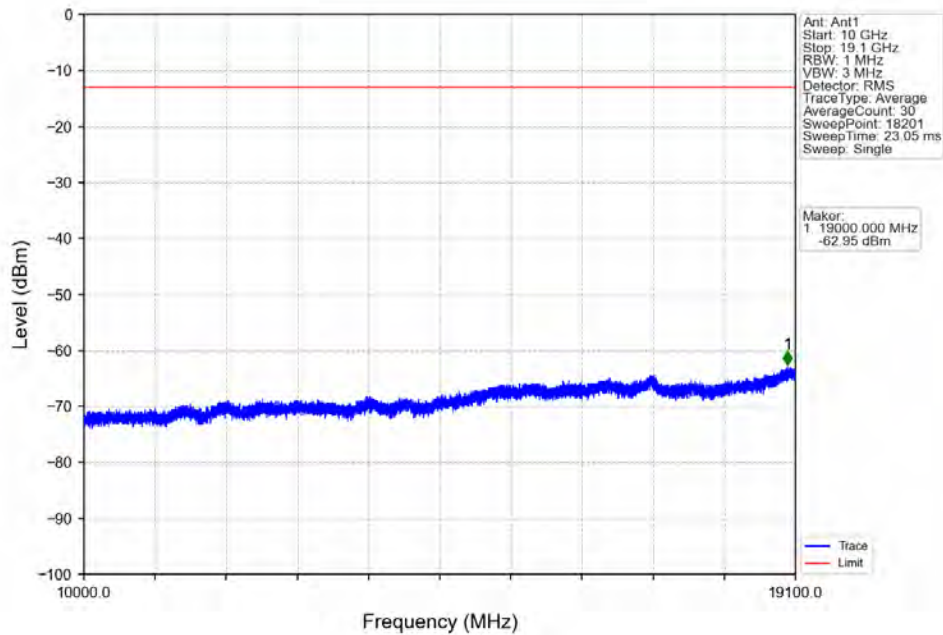
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Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_0_NTNV



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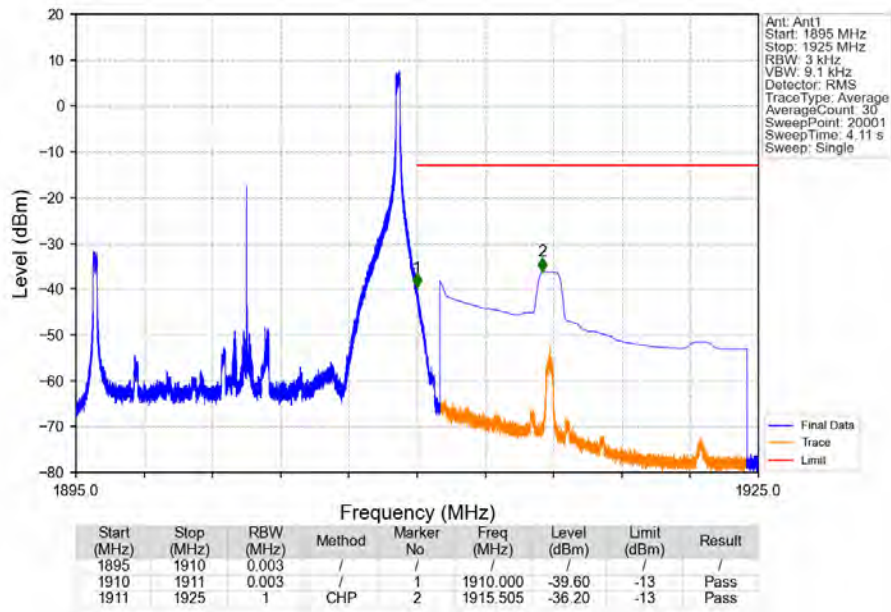
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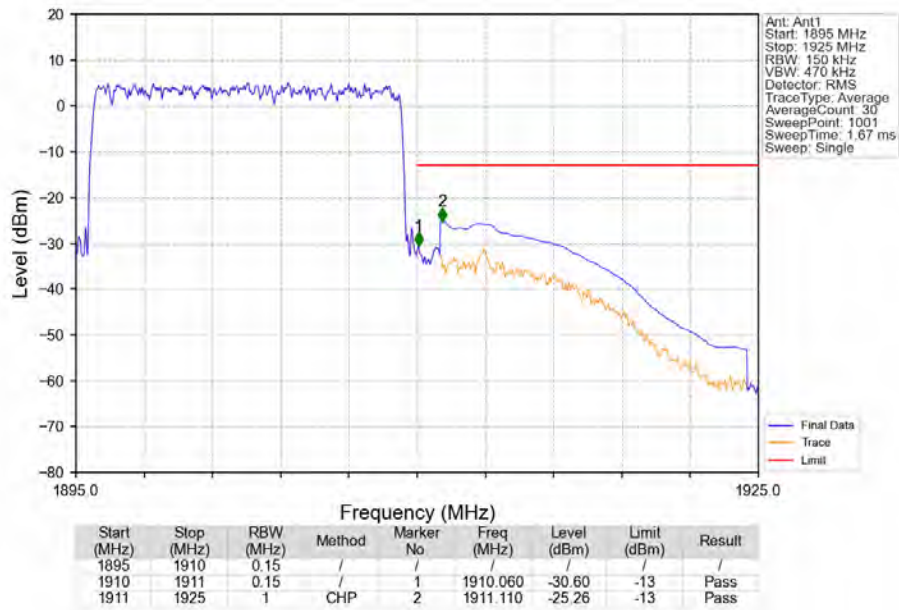
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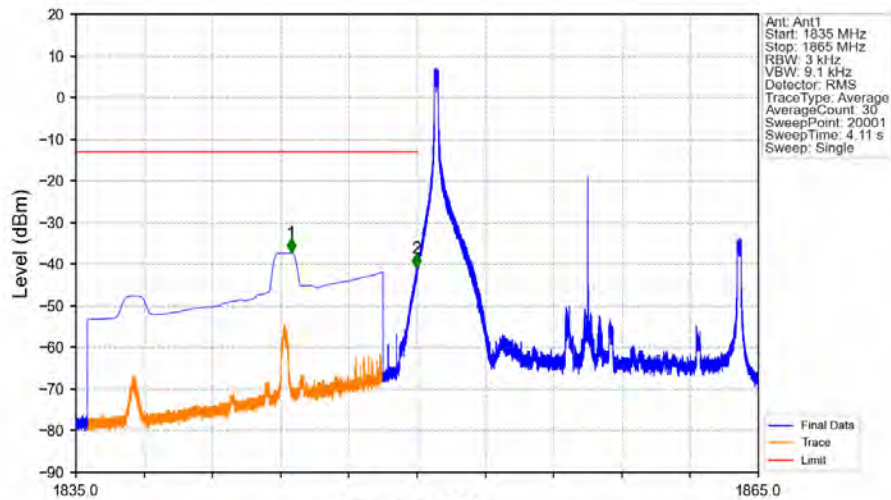
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Band2_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1844.459	-37.27	-13	Pass
1849	1850	0.003	/	2	1849.973	-40.91	-13	Pass
1850	1865	0.003	/	/	/	/	/	/



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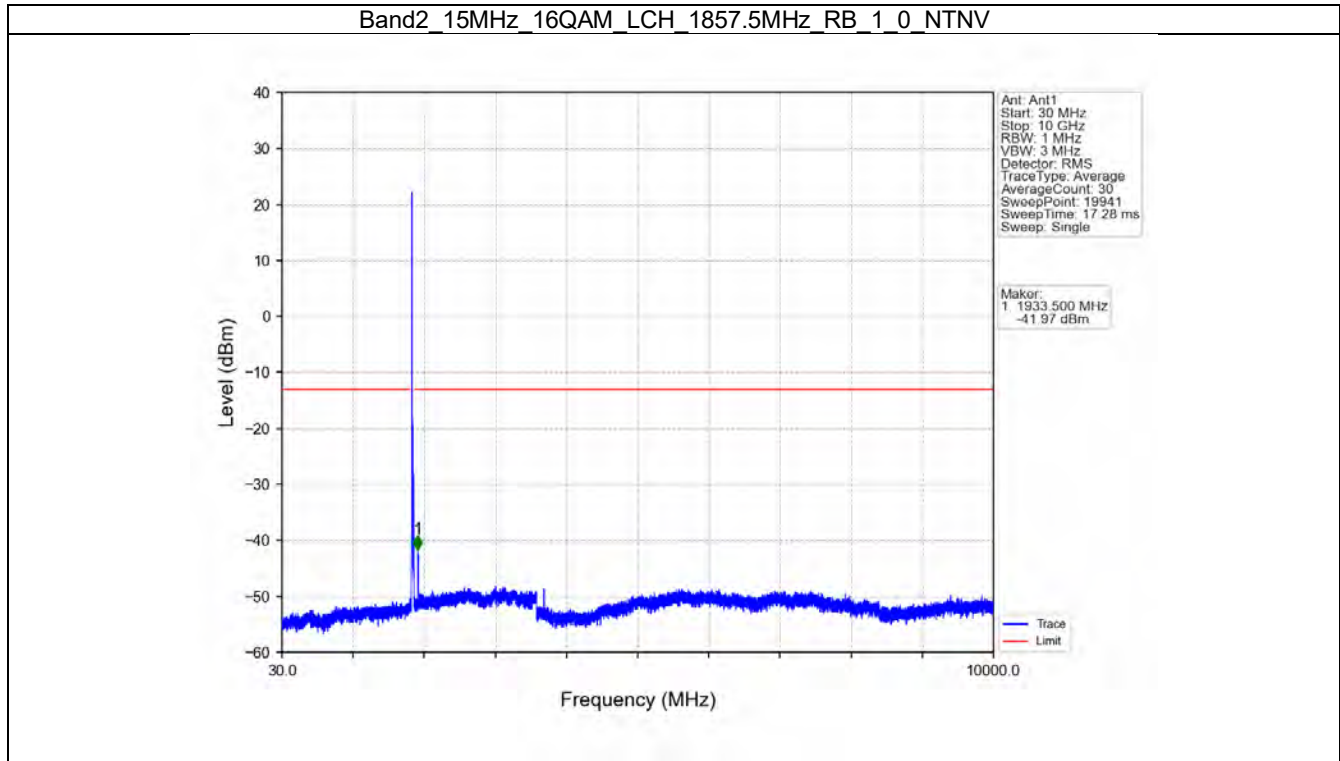


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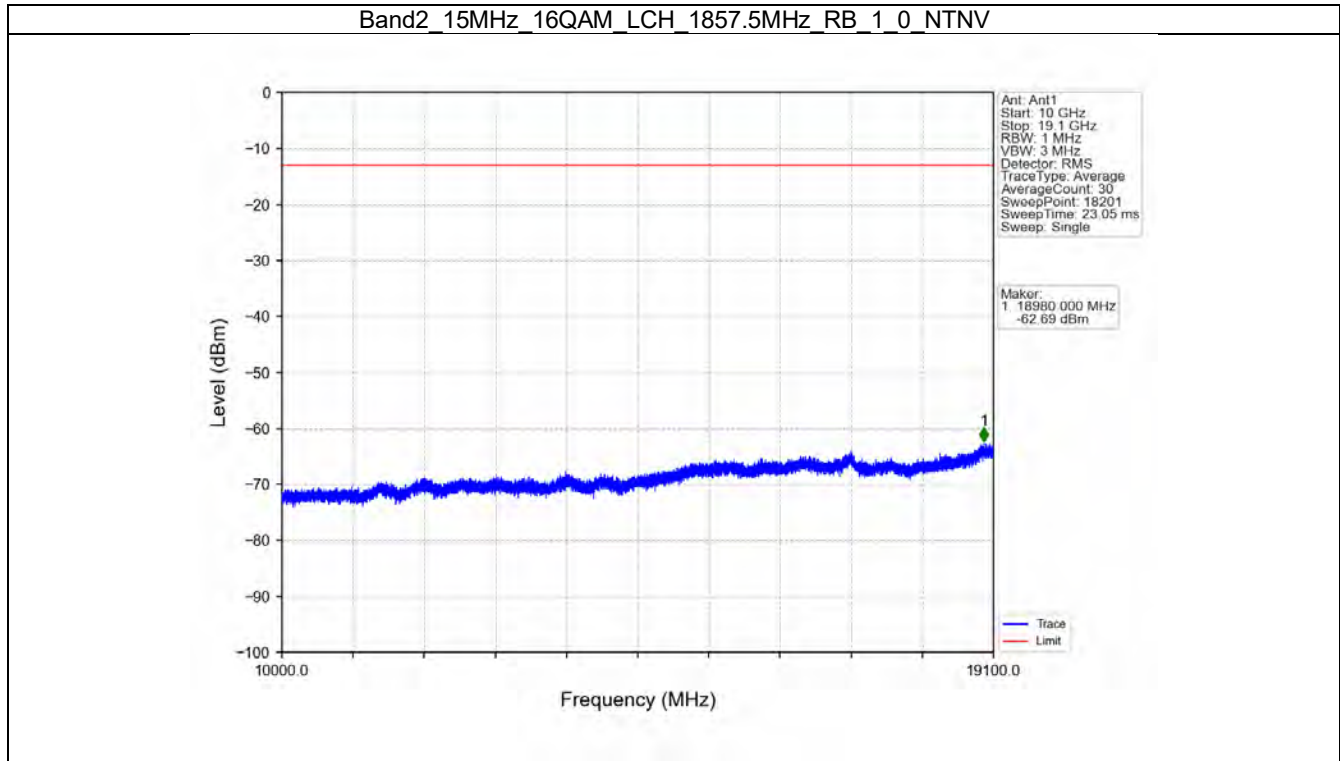


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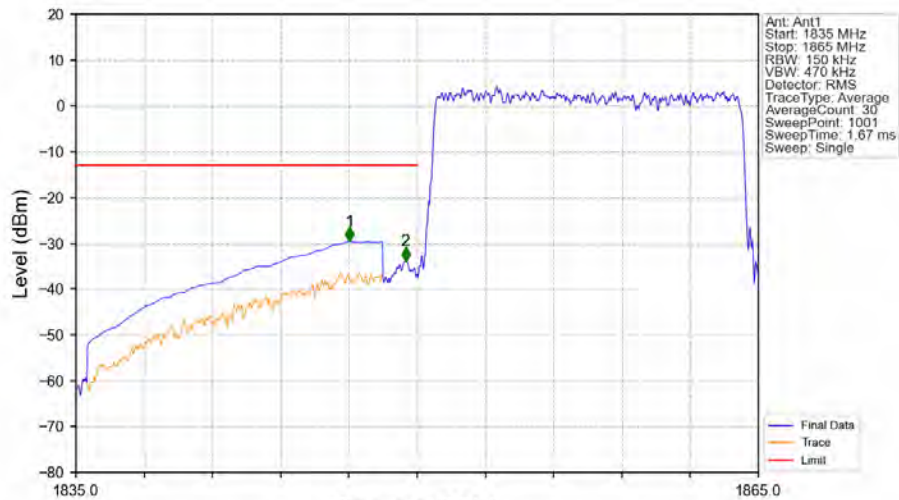
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Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1847.030	-29.58	-13	Pass
1849	1850	0.15	/	2	1849.490	-33.88	-13	Pass
1850	1865	0.15	/	/	/	/	/	/



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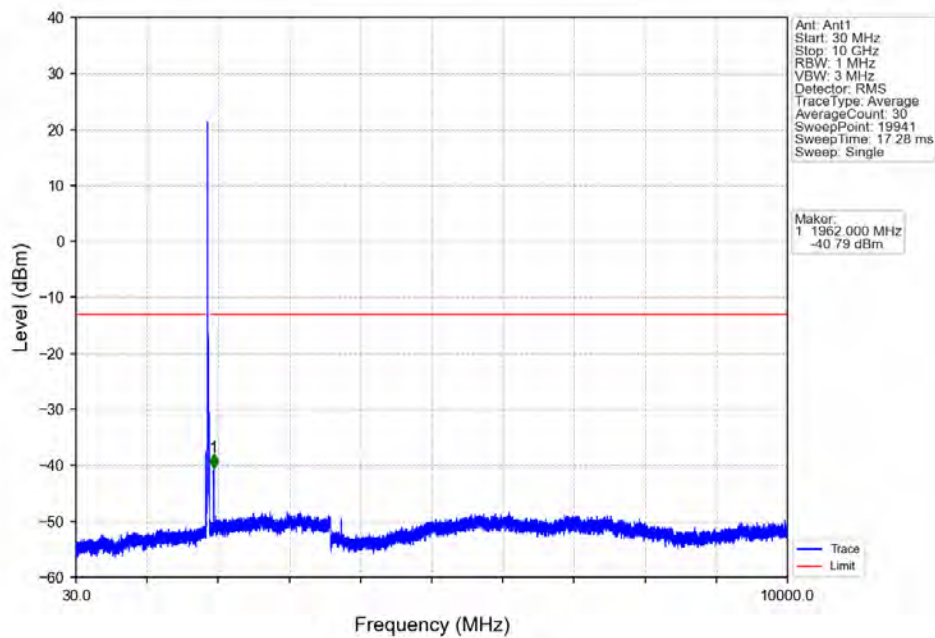
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Band2_15MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



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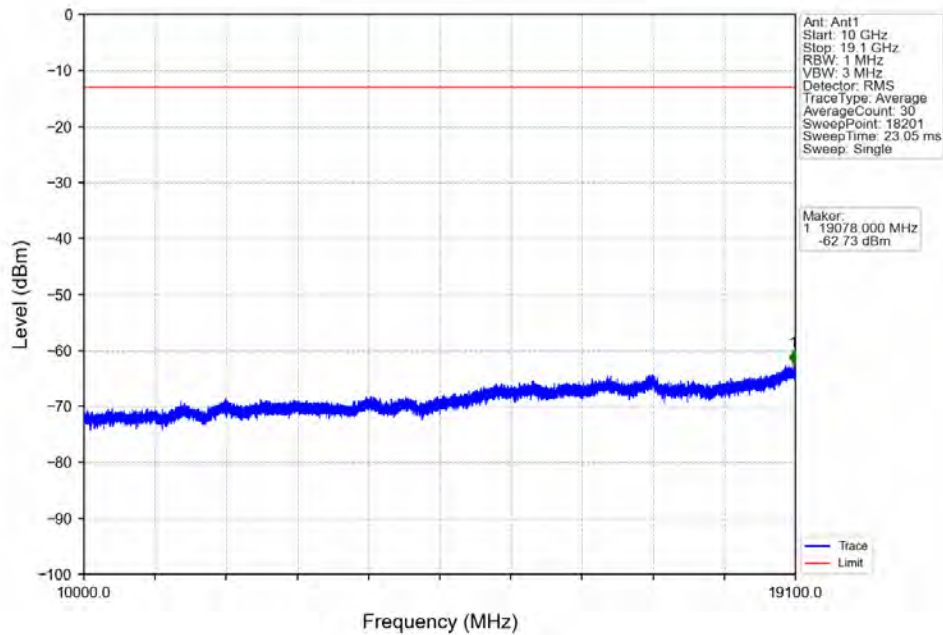
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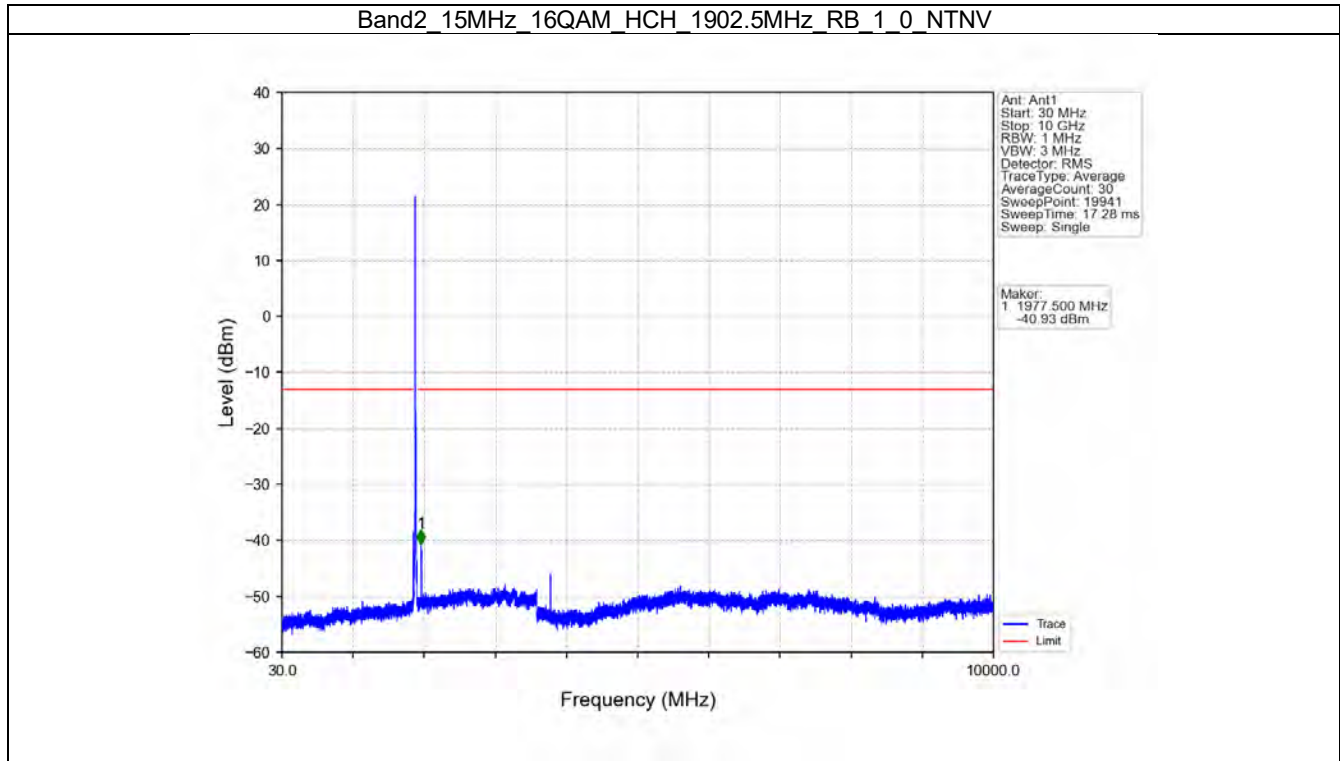


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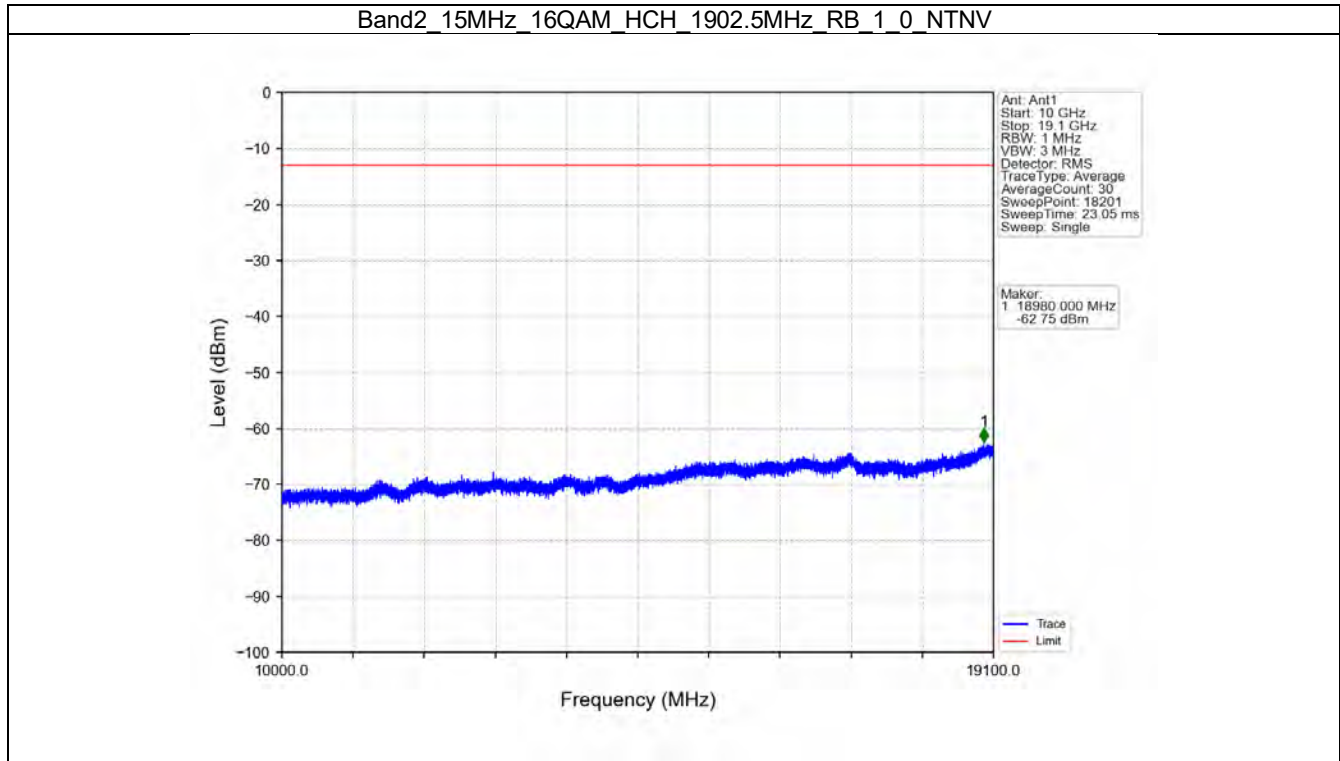


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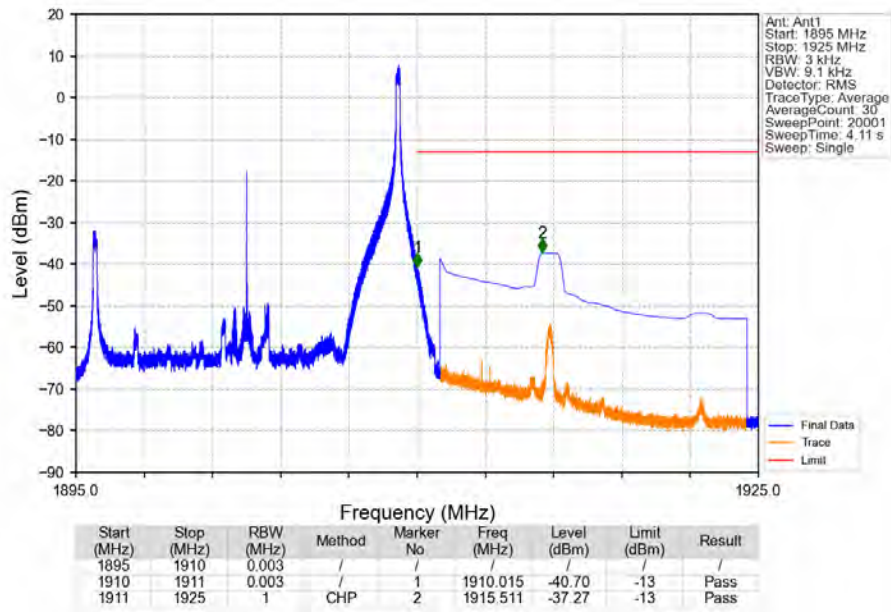
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Band2_15MHz_16QAM_HCH_1902.5MHz_RB_1_74_NTNV



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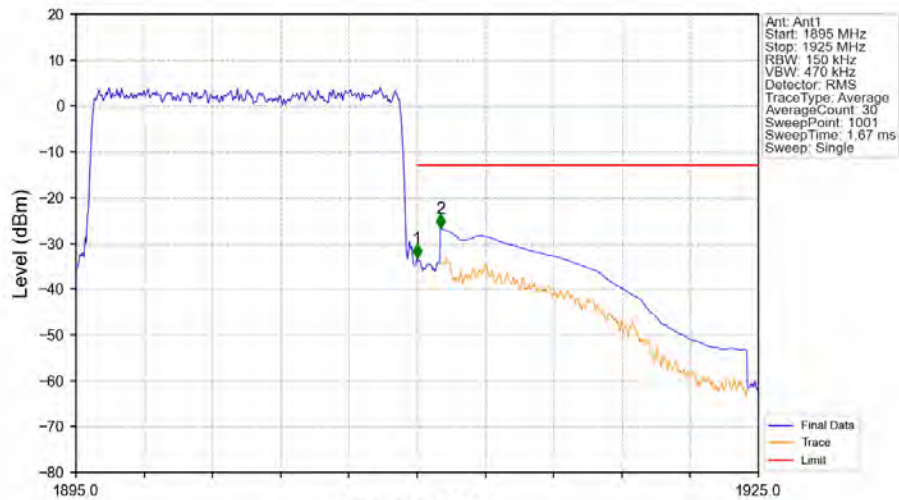
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Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.15	/	/	/	/	/	/
1910	1911	0.15	/	1	1910.000	-33.33	-13	Pass
1911	1925	1	CHP	2	1911.020	-26.75	-13	Pass



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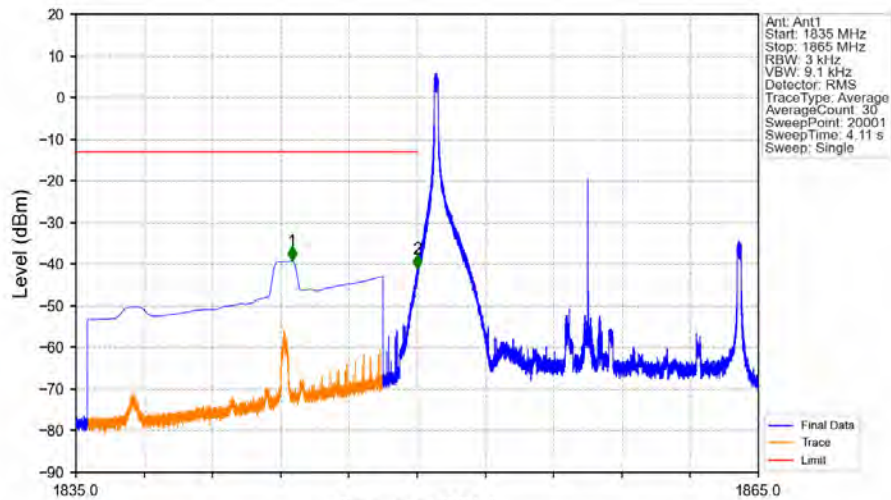
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Band2_15MHz_64QAM_LCH_1857.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1844.494	-39.25	-13	Pass
1849	1850	0.003	/	2	1849.997	-41.10	-13	Pass
1850	1865	0.003	/	/	/	/	/	/



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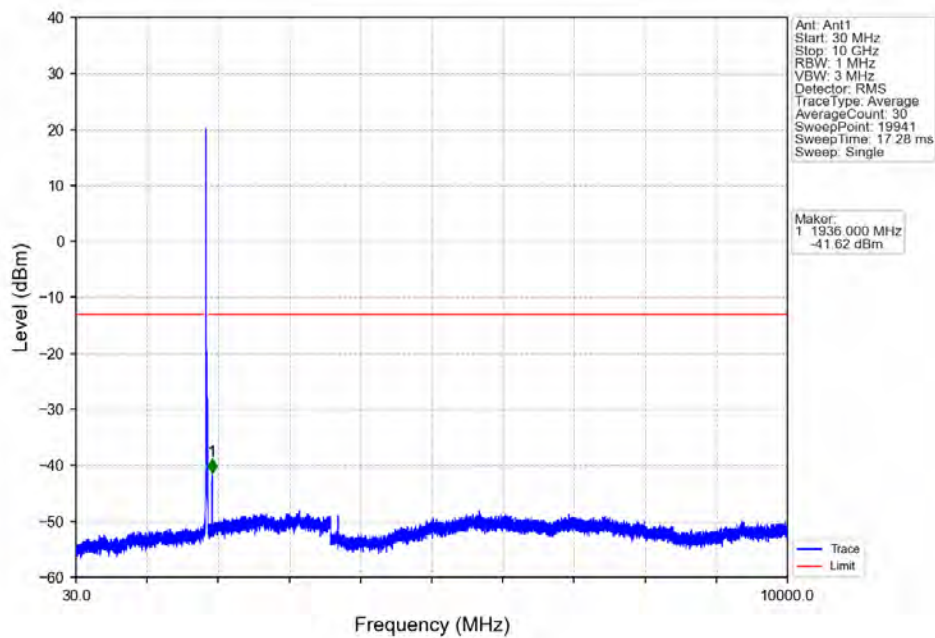
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Band2_15MHz_64QAM_LCH_1857.5MHz_RB_1_0_NTNV



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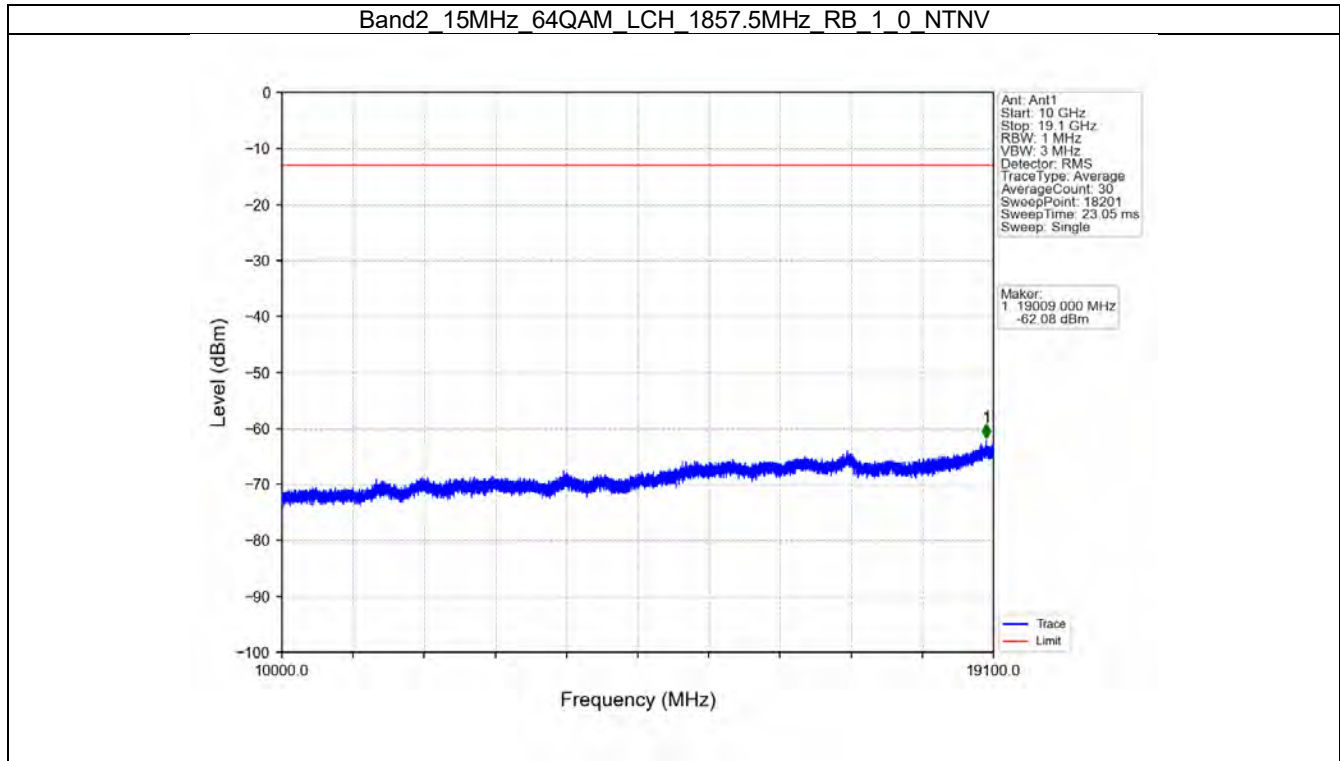


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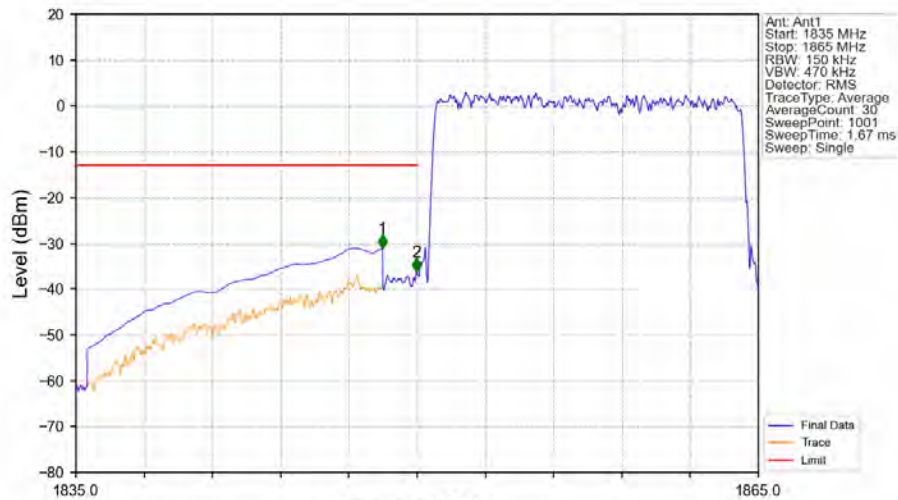
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Band2_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.470	-31.10	-13	Pass
1849	1850	0.15	/	2	1849.970	-36.23	-13	Pass
1850	1865	0.15	/	/	/	/	/	/



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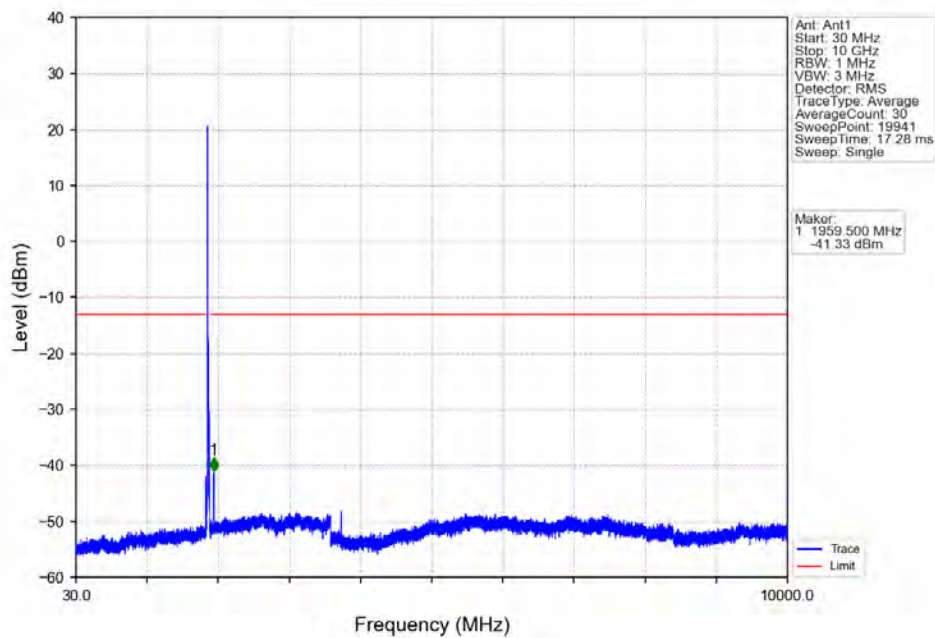
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Band2_15MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



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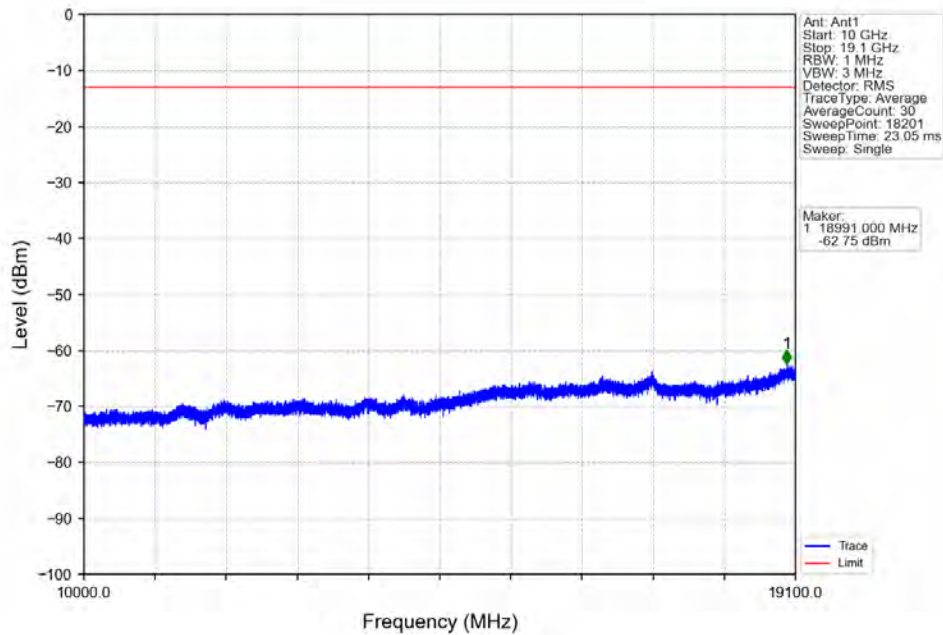
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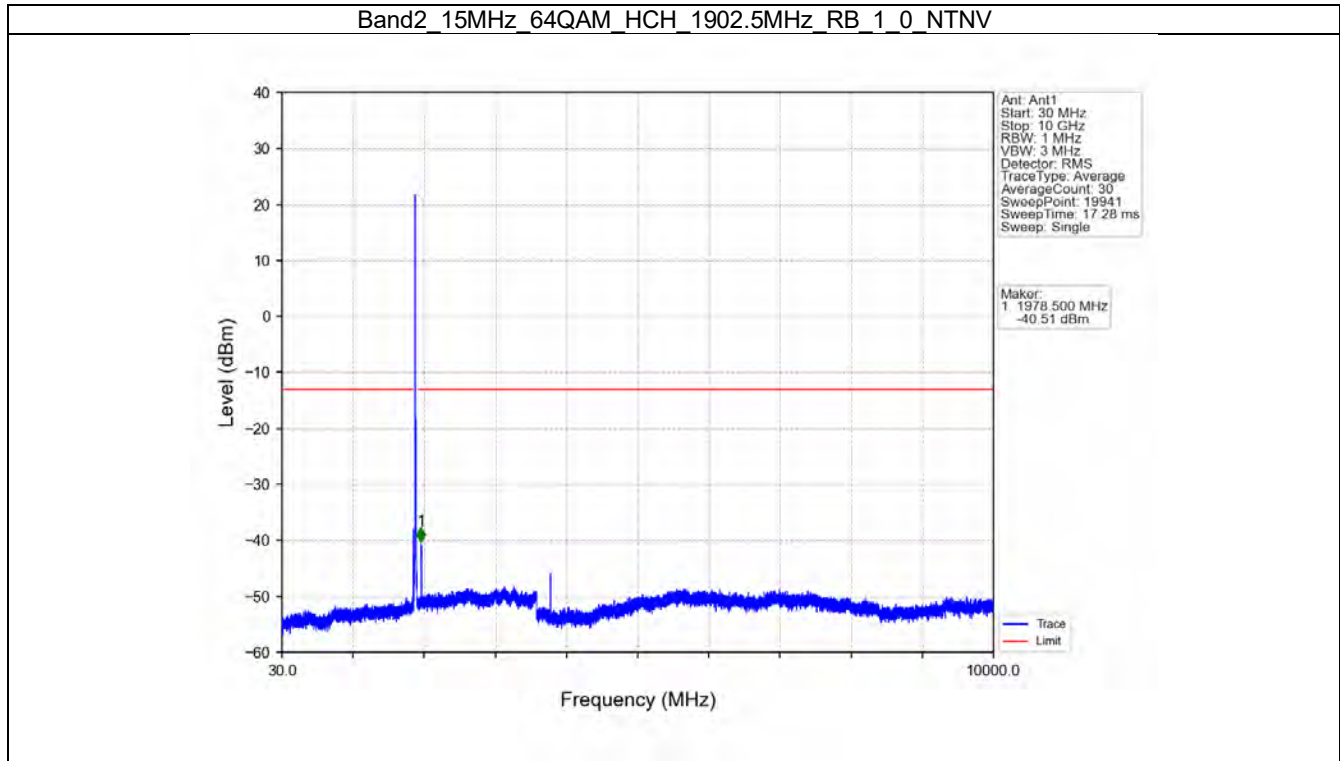


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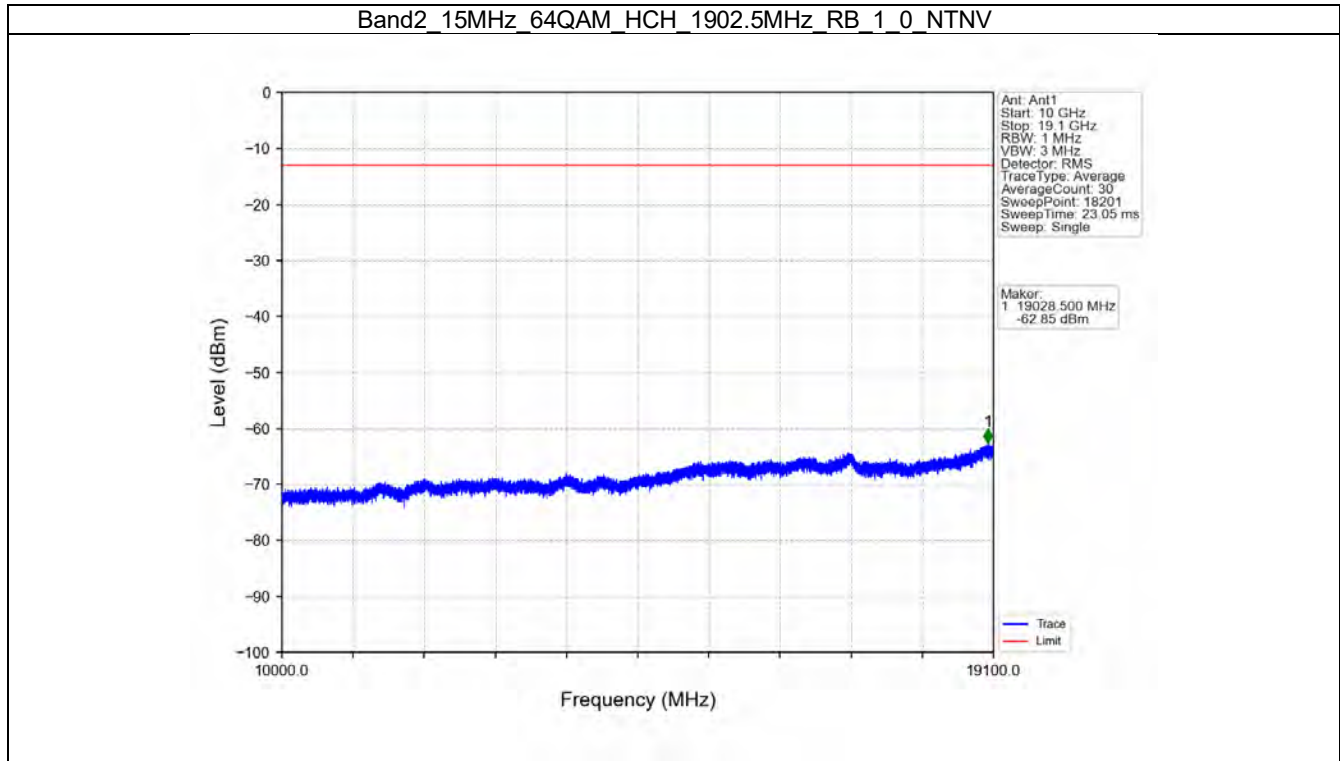


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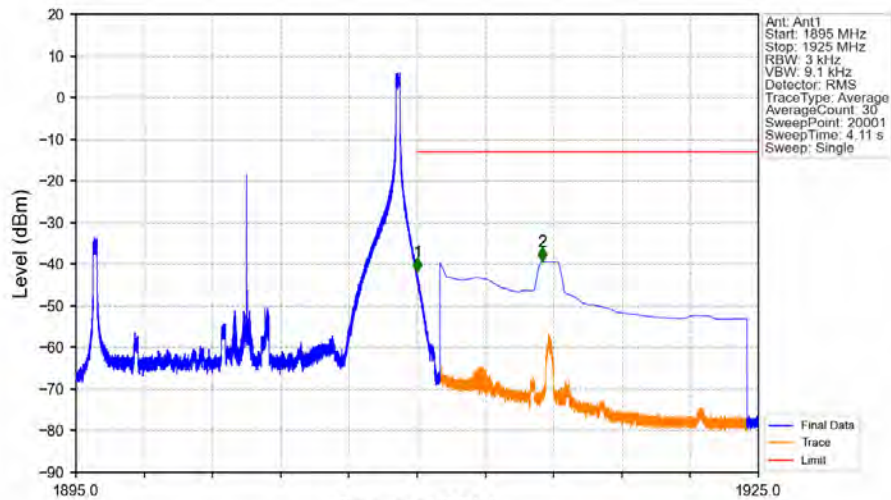
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Band2_15MHz_64QAM_HCH_1902.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	1	1910.016	-41.94	-13	Pass
1910	1911	0.003	/	2	1915.487	-39.41	-13	Pass
1911	1925	1	CHP					



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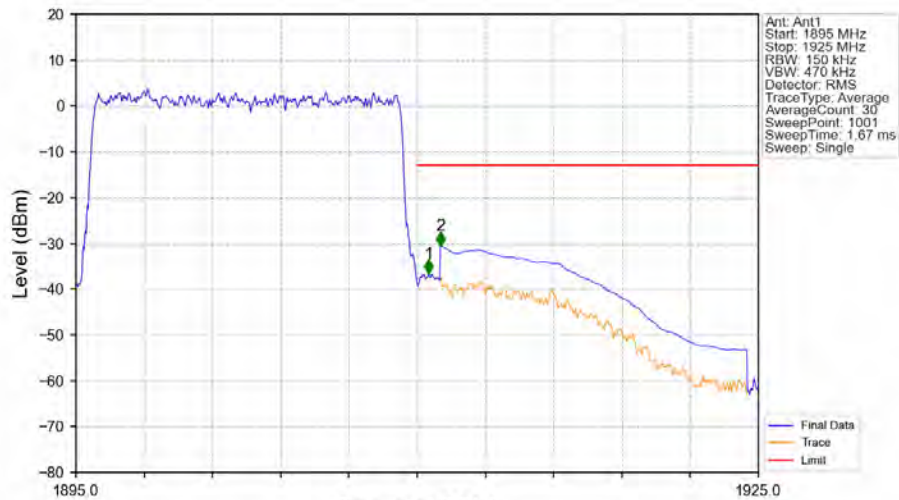
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Band2_15MHz_64QAM_HCH_1902.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.15	/	1	1910.510	-36.61	-13	Pass
1910	1911	0.15	/	2	1911.020	-30.53	-13	Pass
1911	1925	1	CHP					



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5.6 B2_20MHz

5.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTVN						
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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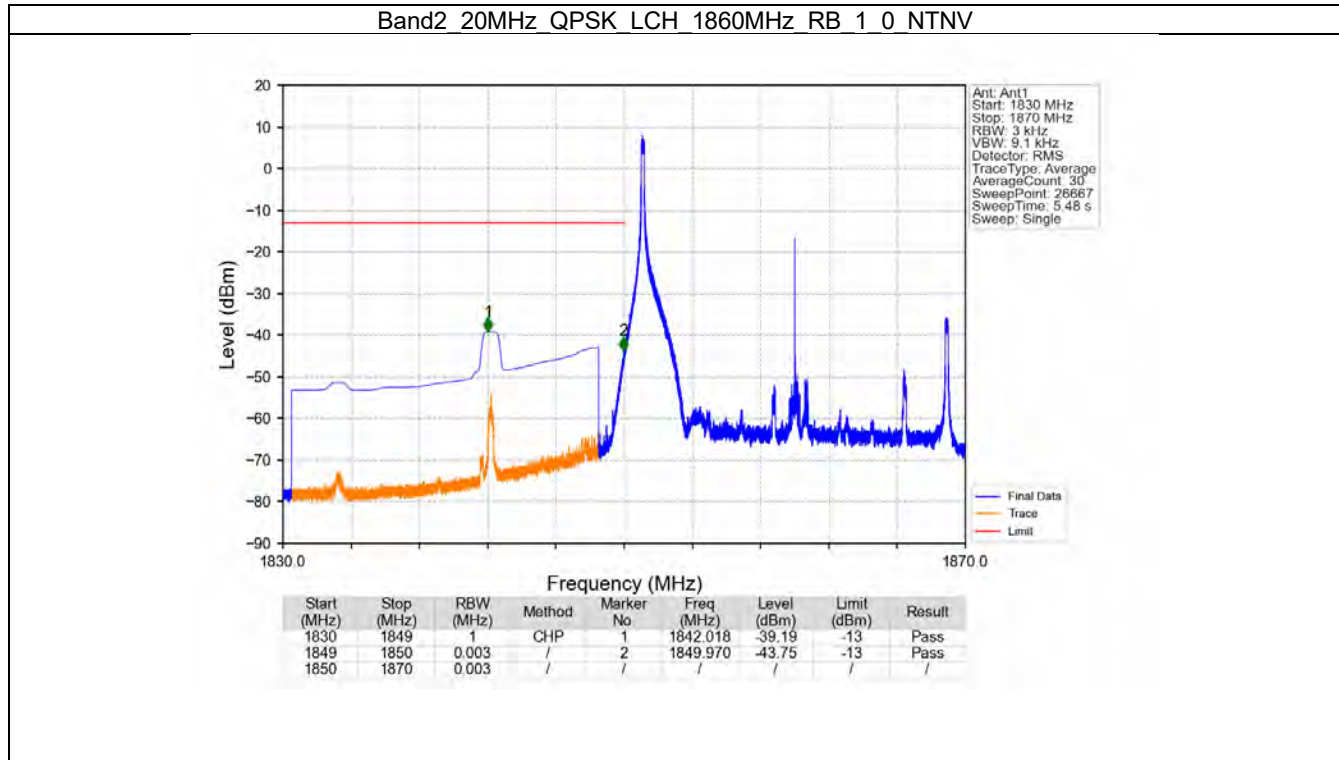
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5.6.2 Test Graph



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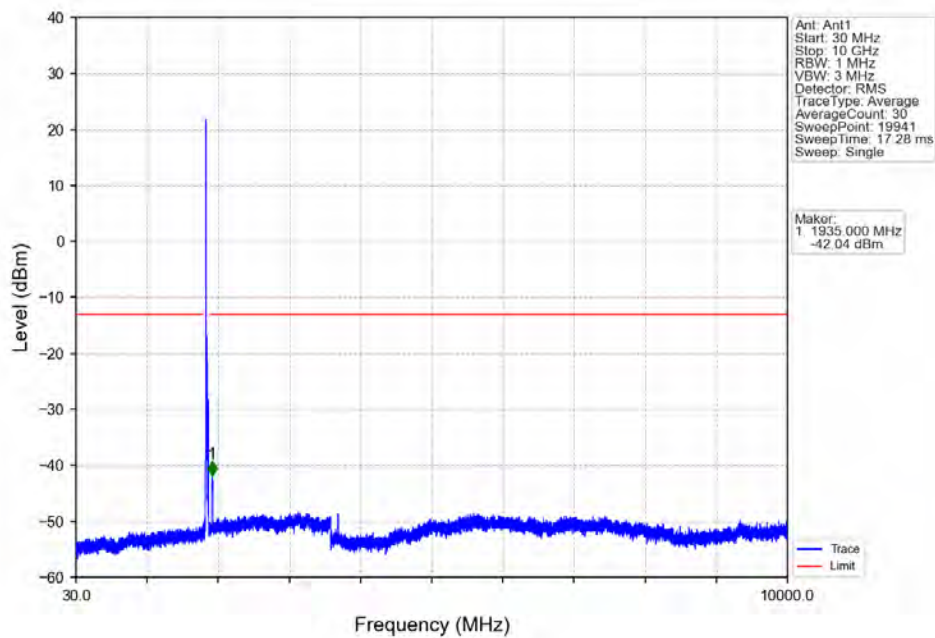
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Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



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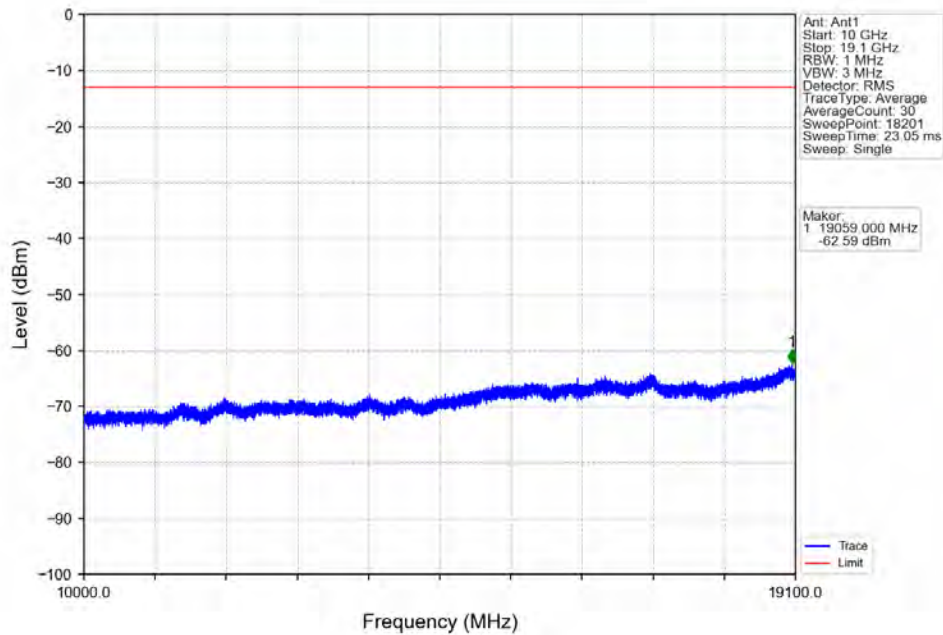
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Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



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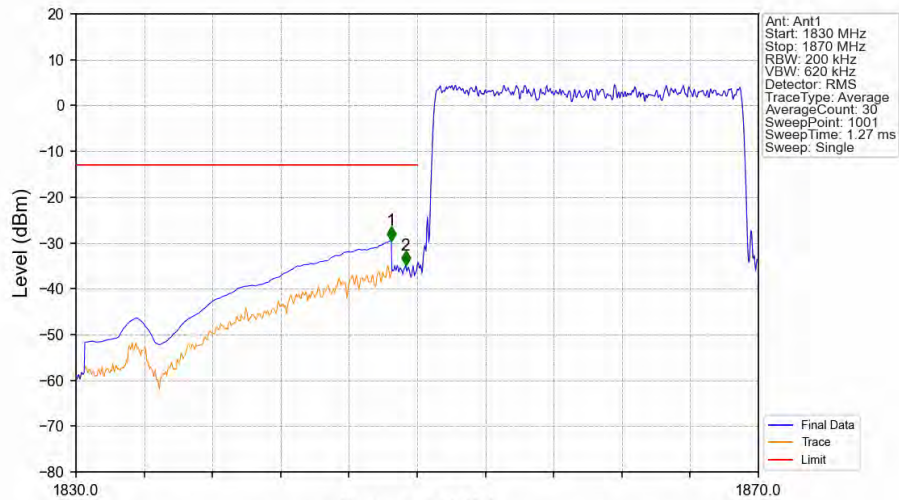
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Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-29.48	-13	Pass
1849	1850	0.2	/	2	1849.320	-34.88	-13	Pass
1850	1870	0.2	/	/	/	/	/	/



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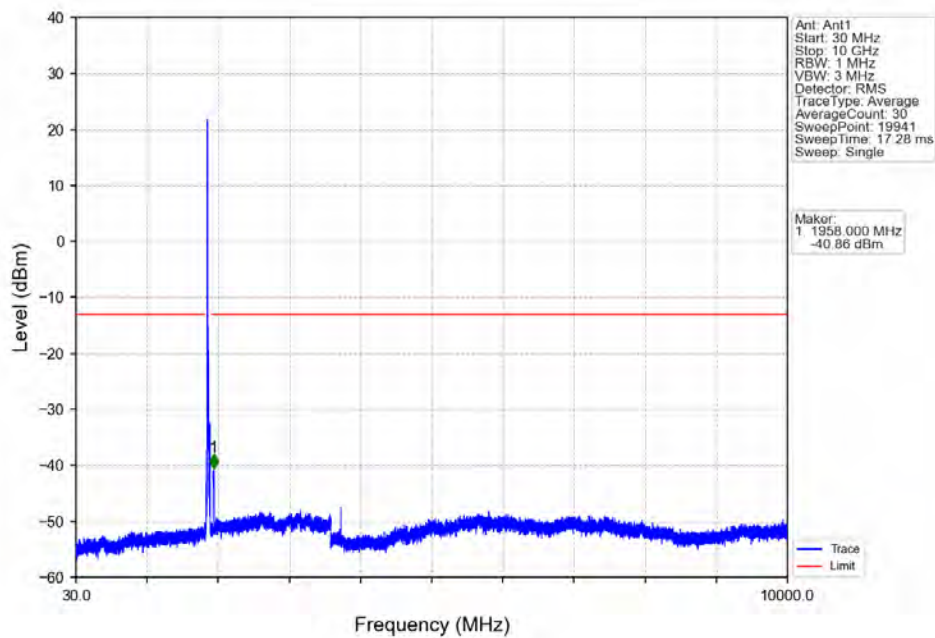
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Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



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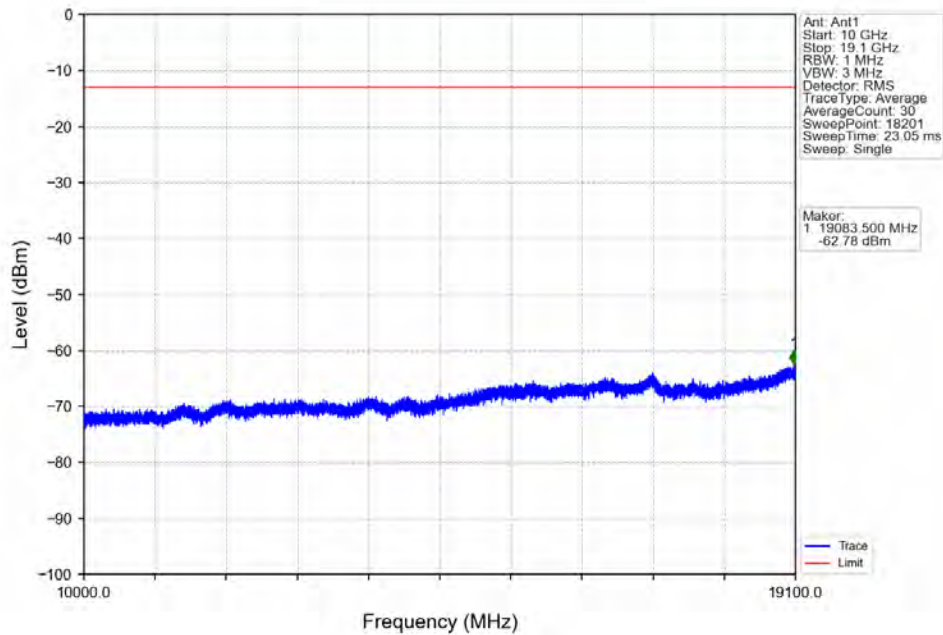
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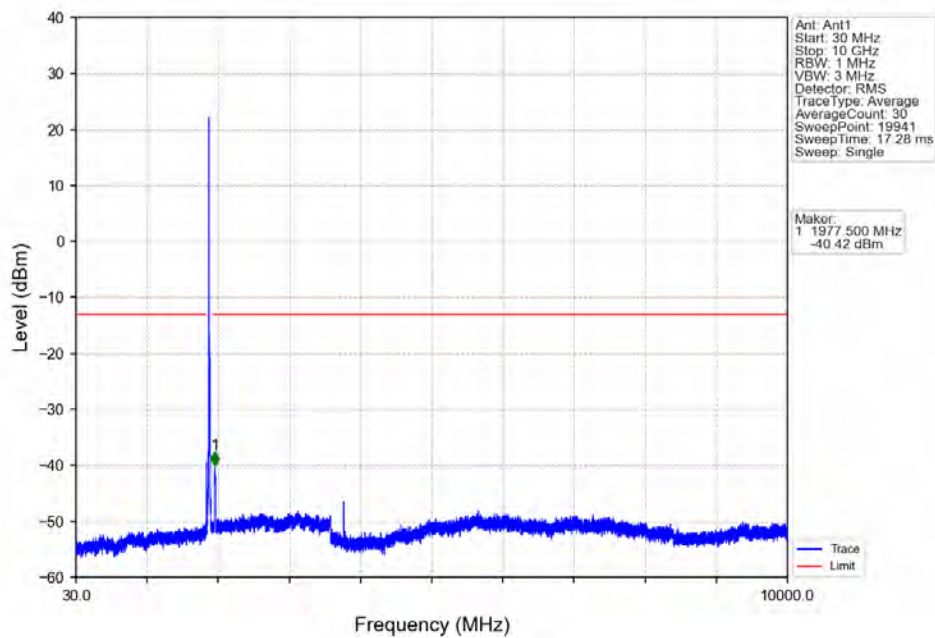
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Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV



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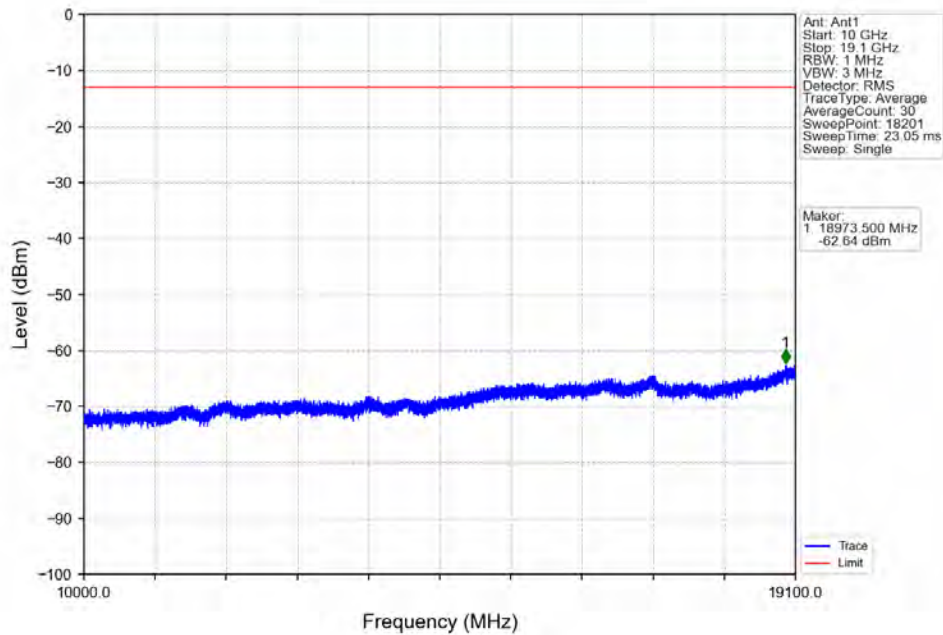
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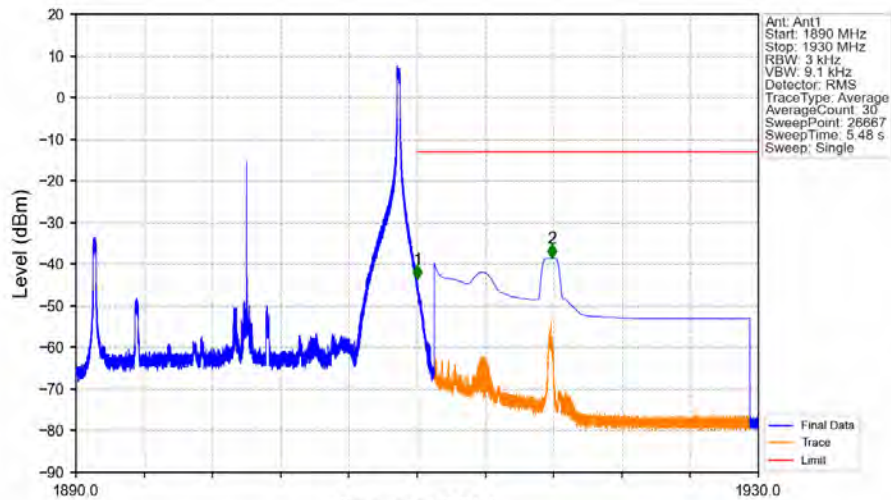
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Band2_20MHz_QPSK_HCH_1900MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	1	1910.003	-43.72	-13	Pass
1910	1911	0.003	CHP	2	1917.908	-38.62	-13	Pass



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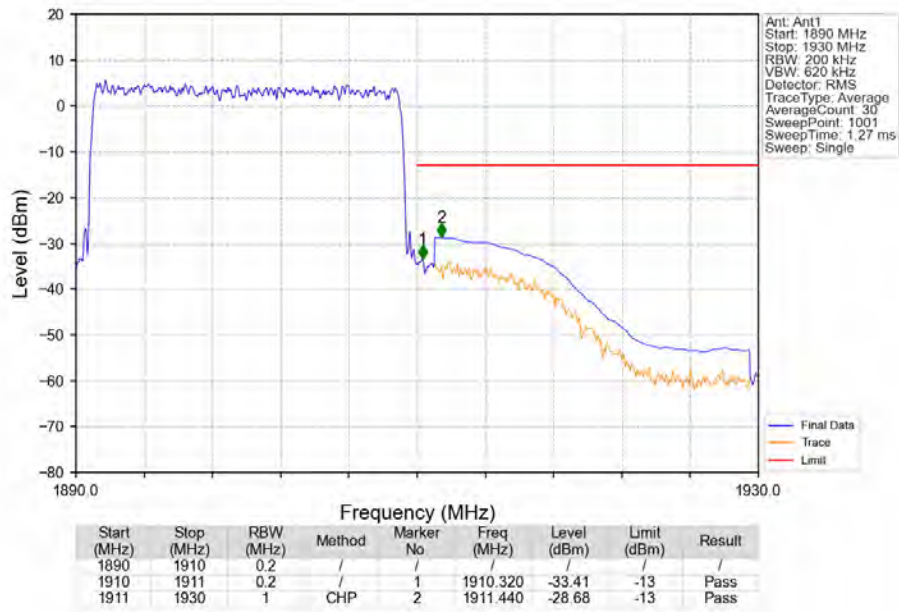
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Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



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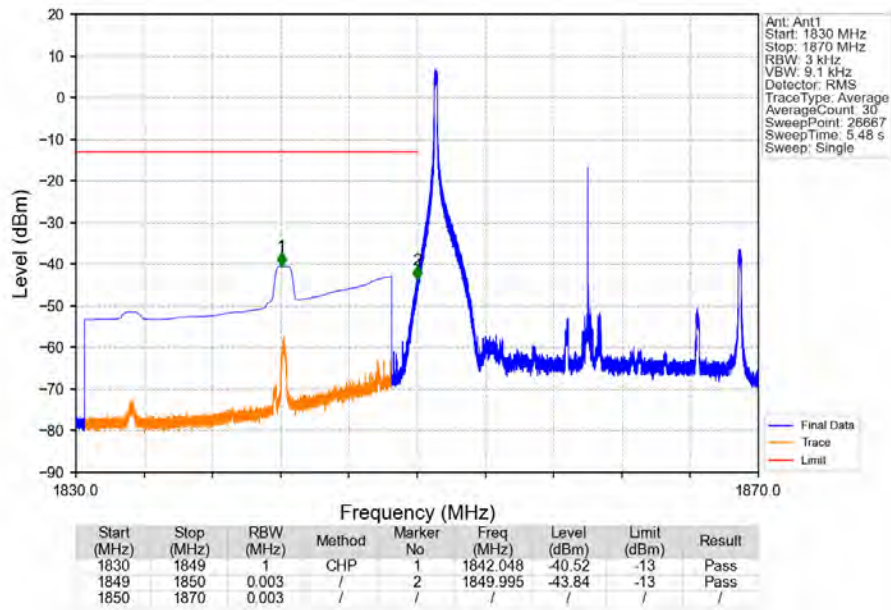
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Band2_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV



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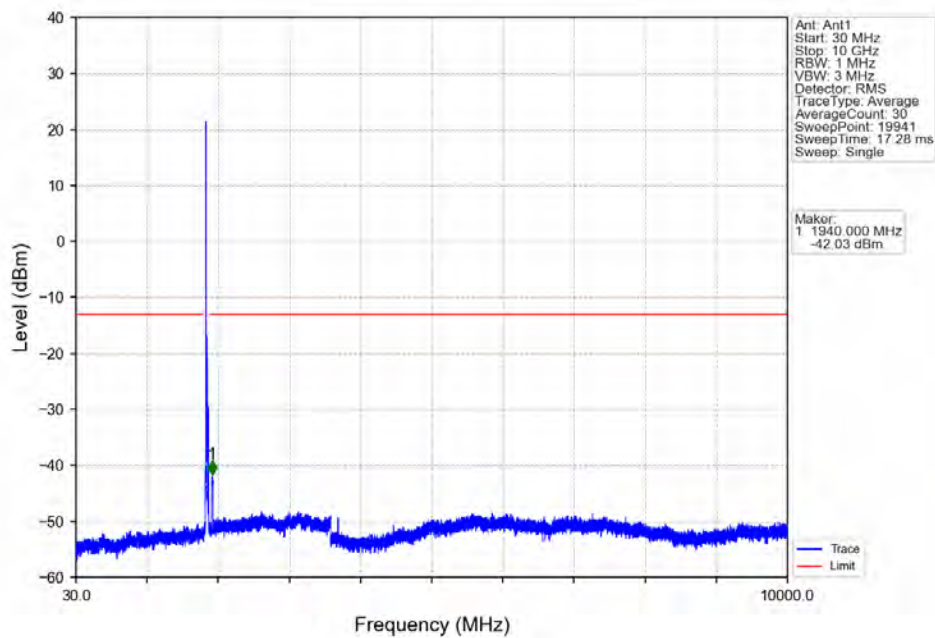
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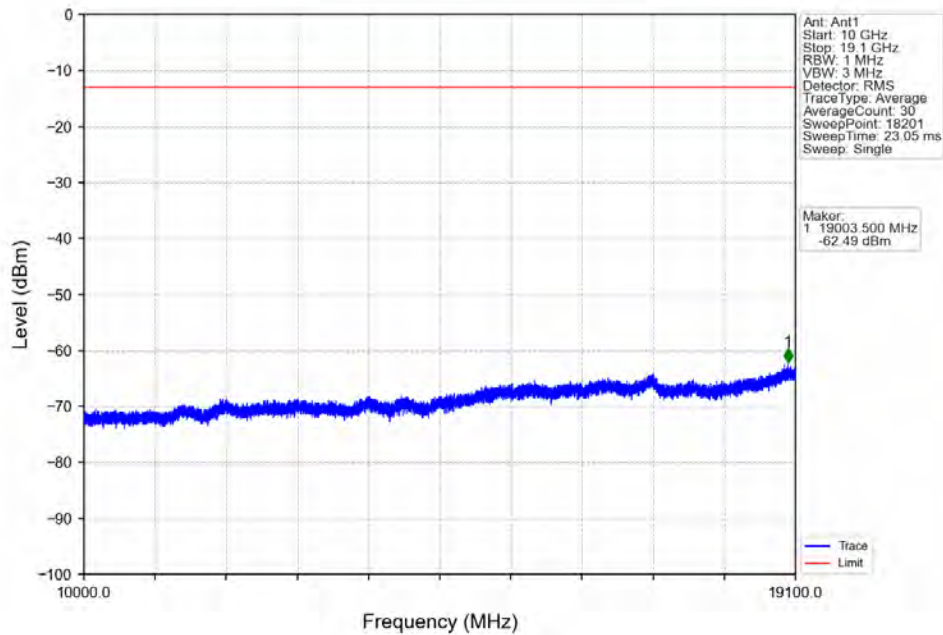
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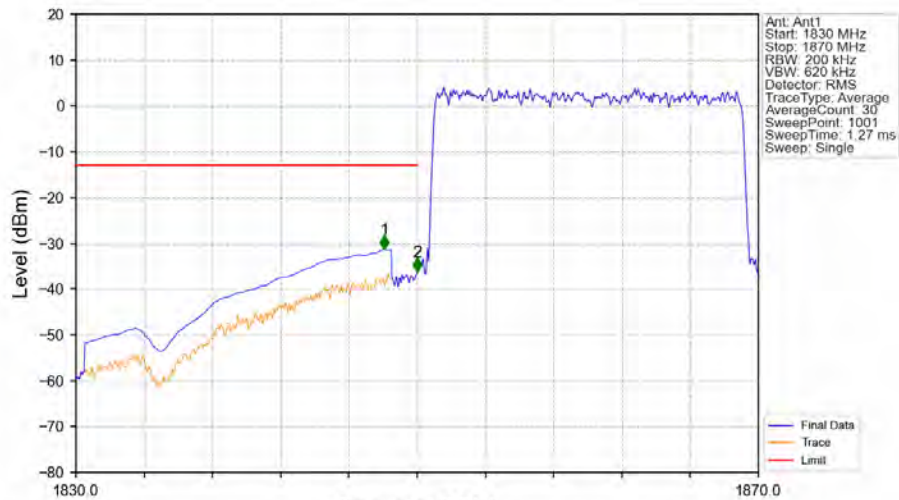
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Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.080	-31.32	-13	Pass
1849	1850	0.2	/	2	1850.000	-36.33	-13	Pass
1850	1870	0.2	/	/	/	/	/	/



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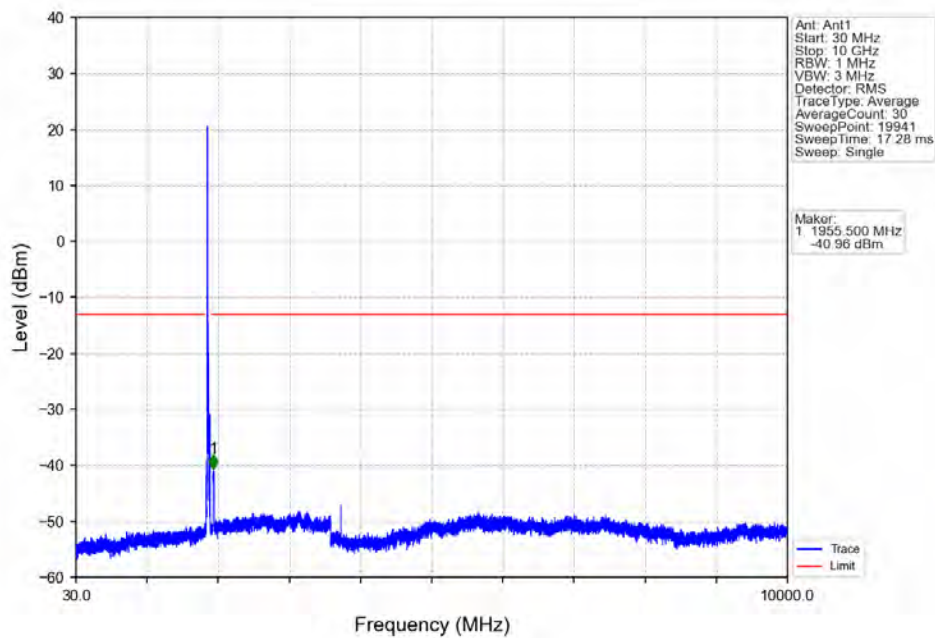
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Band2_20MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



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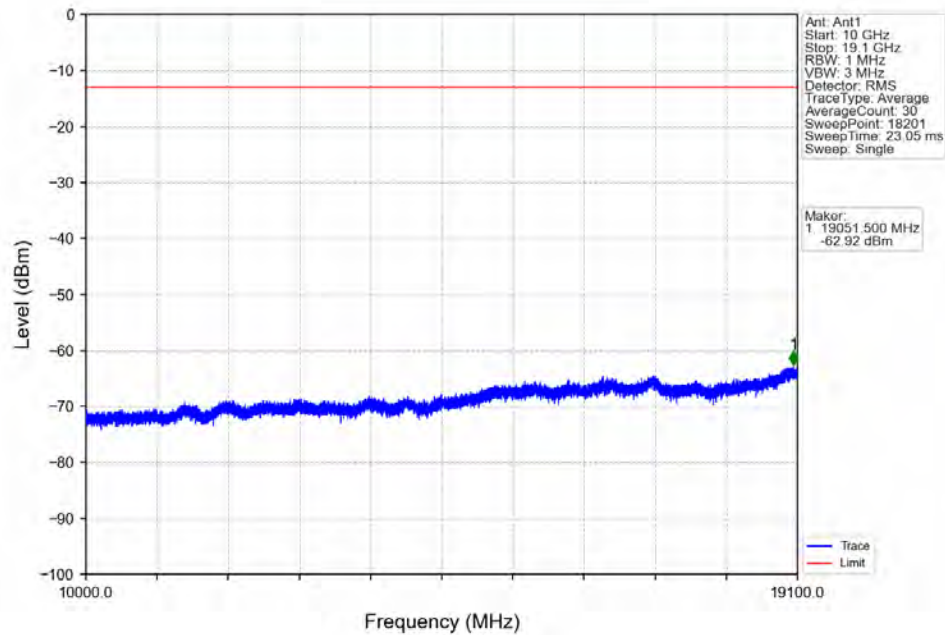
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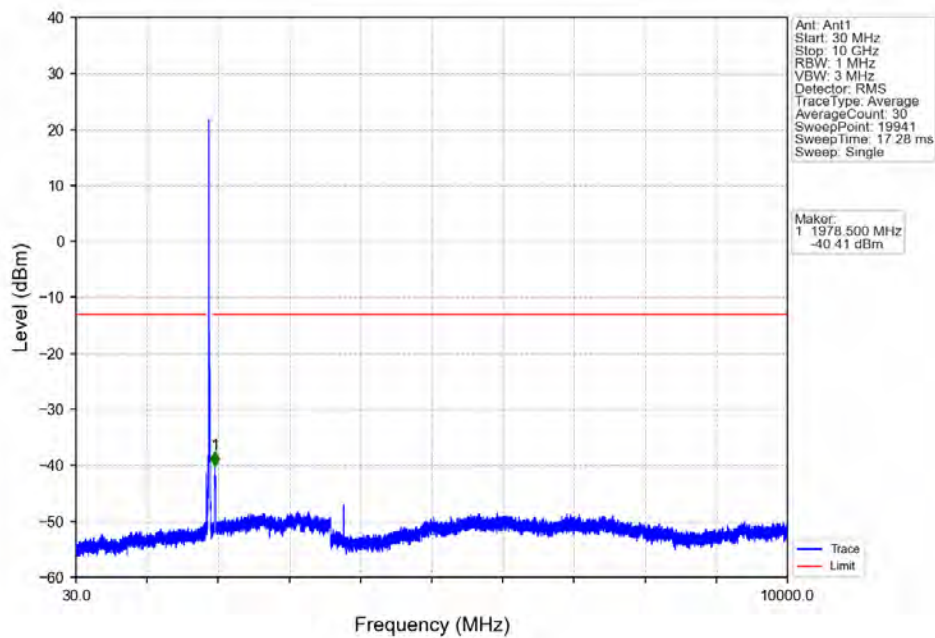
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Band2_20MHz_16QAM_HCH_1900MHz_RB_1_0_NTNV



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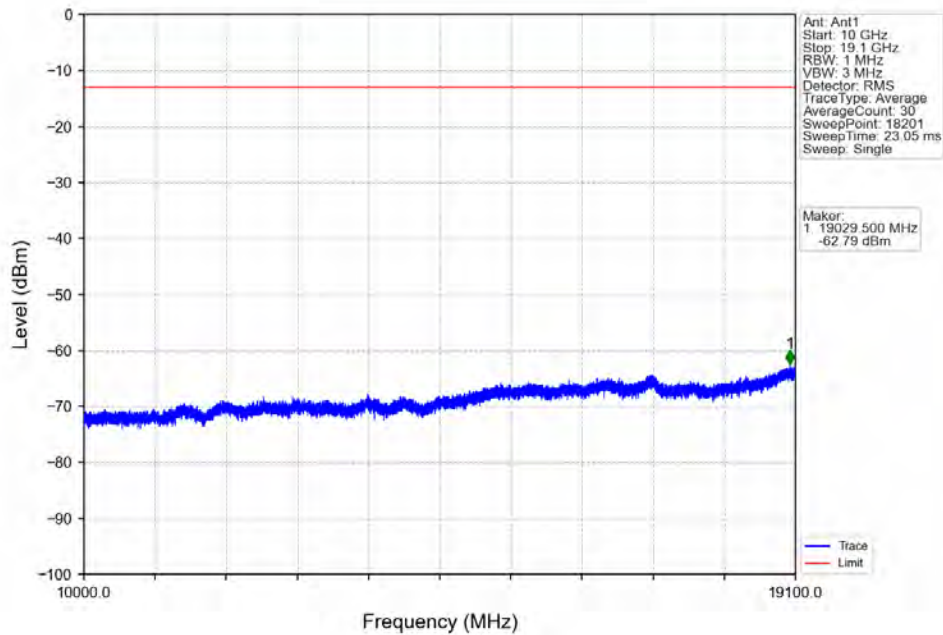
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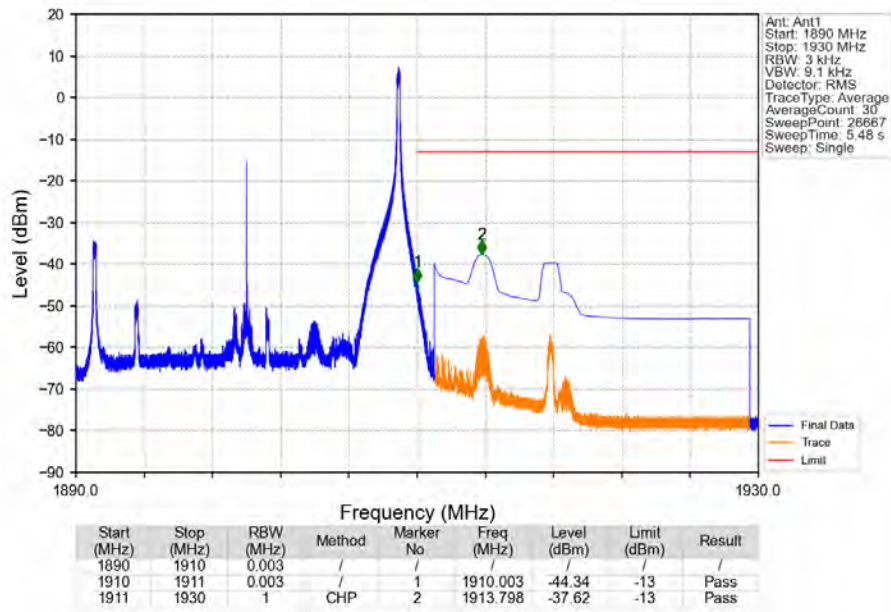
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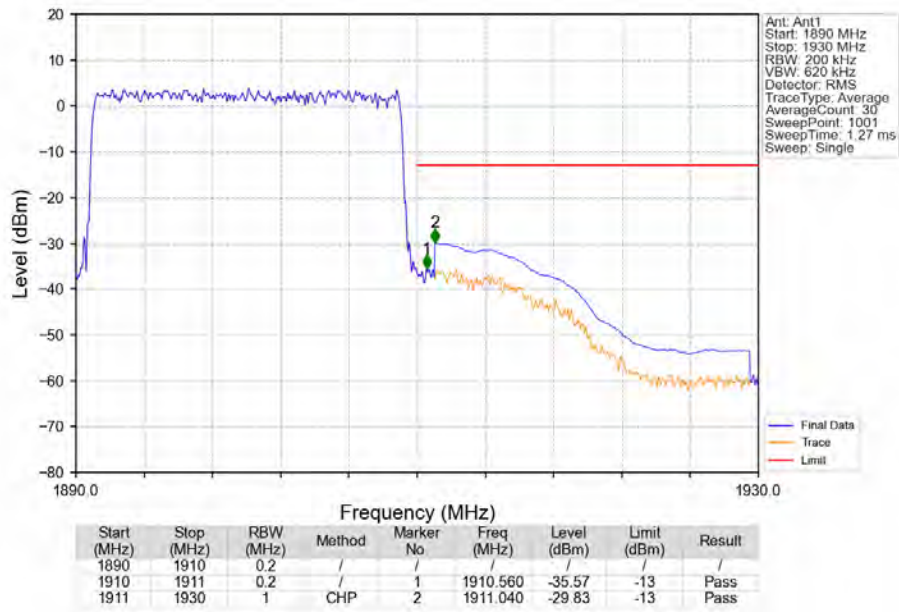
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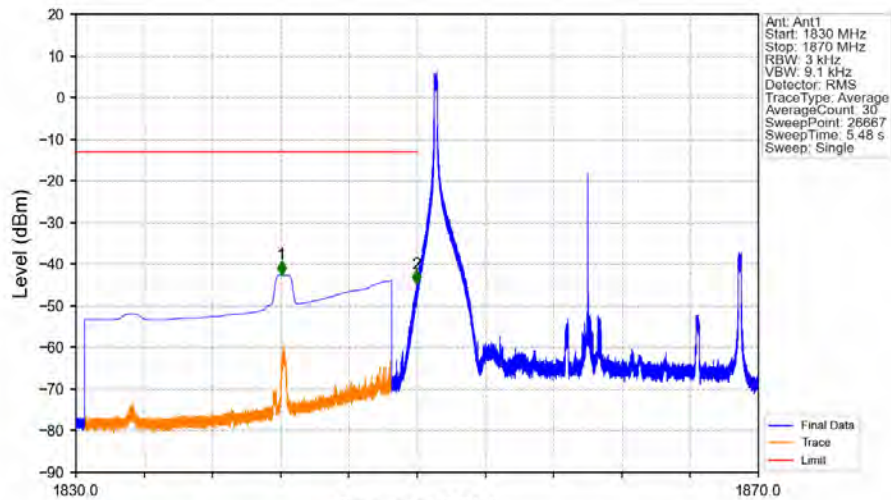
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Band2_20MHz_64QAM_LCH_1860MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1842.036	-42.57	-13	Pass
1849	1850	0.003	/	2	1849.970	-44.79	-13	Pass
1850	1870	0.003	/	/	/	/	/	/



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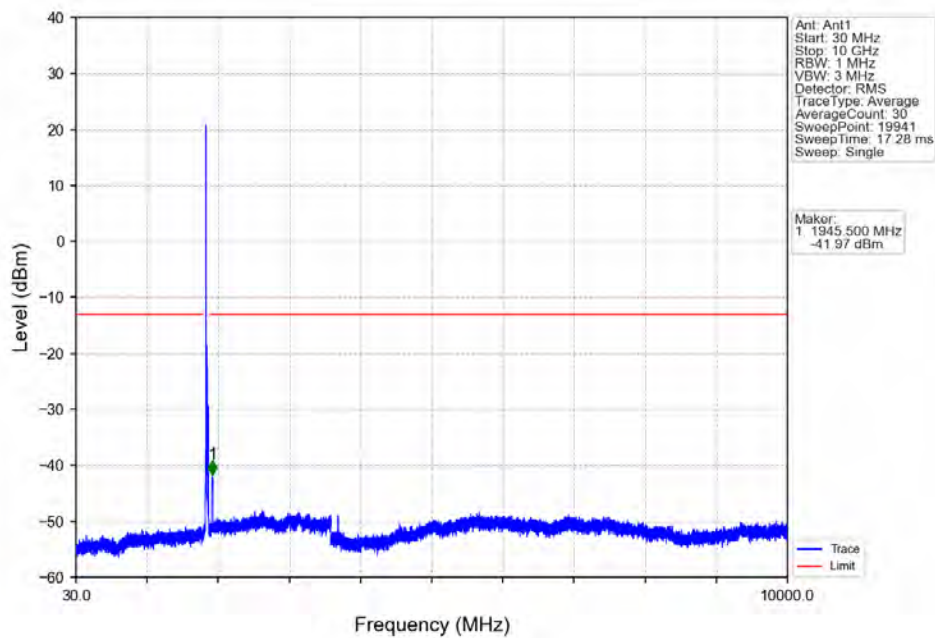
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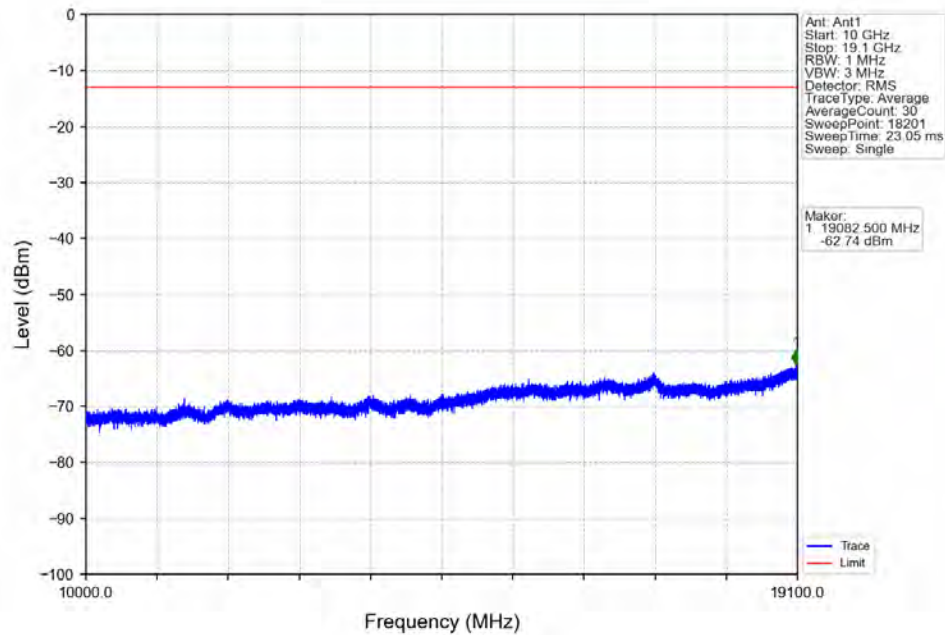
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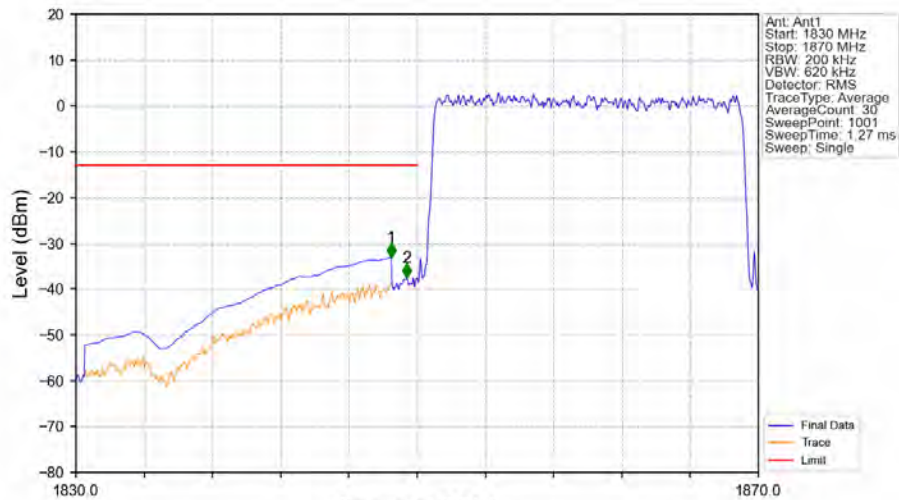
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-33.05	-13	Pass
1849	1850	0.2	/	2	1849.400	-37.54	-13	Pass
1850	1870	0.2	/	/	/	/	/	/



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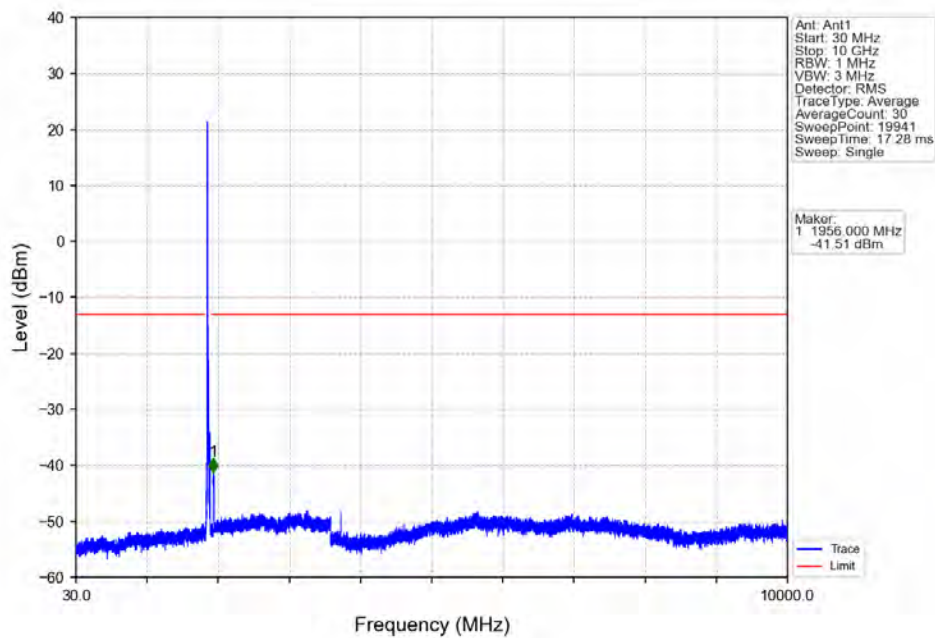
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Band2_20MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



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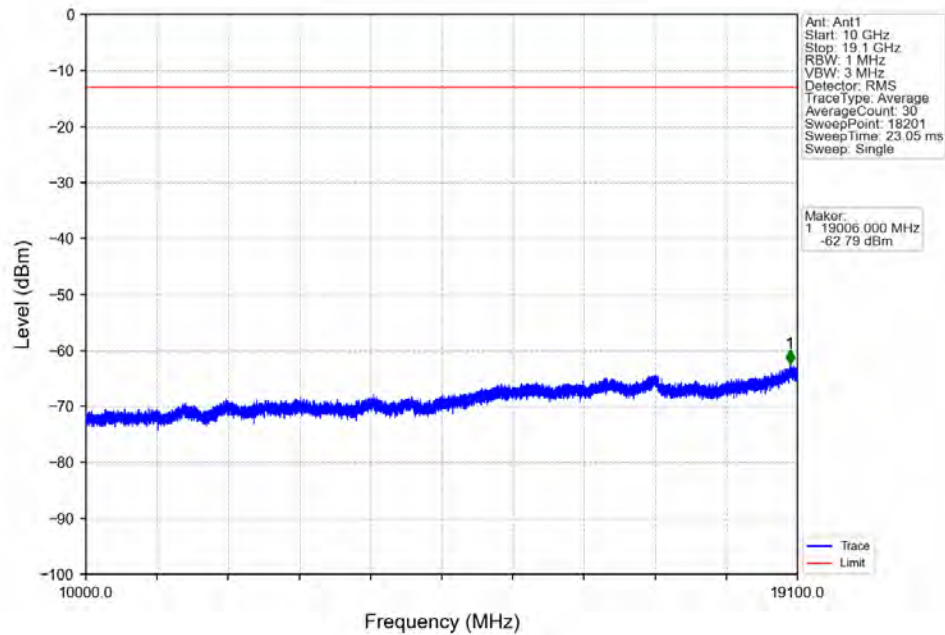
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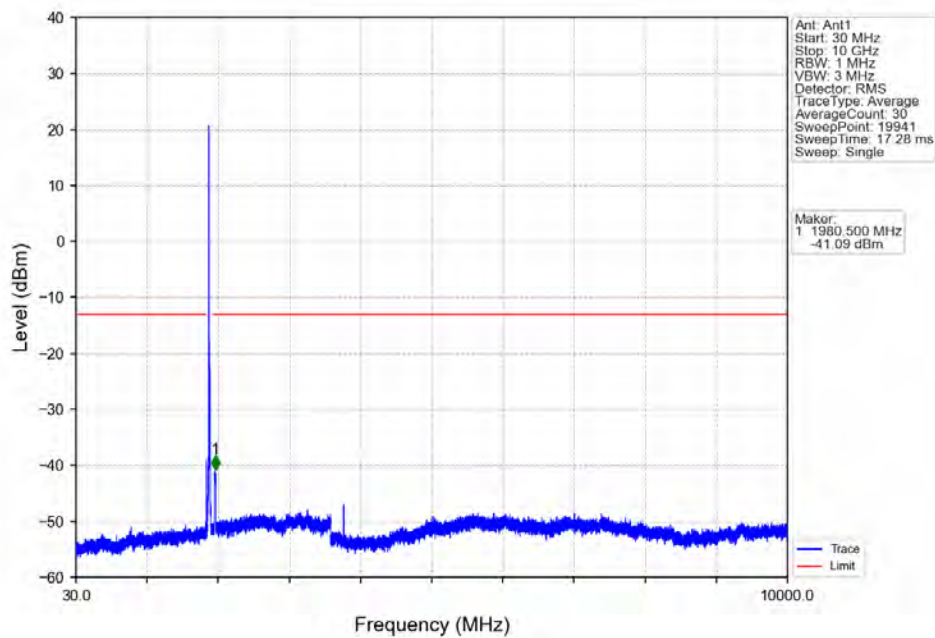
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Band2_20MHz_64QAM_HCH_1900MHz_RB_1_0_NTNV



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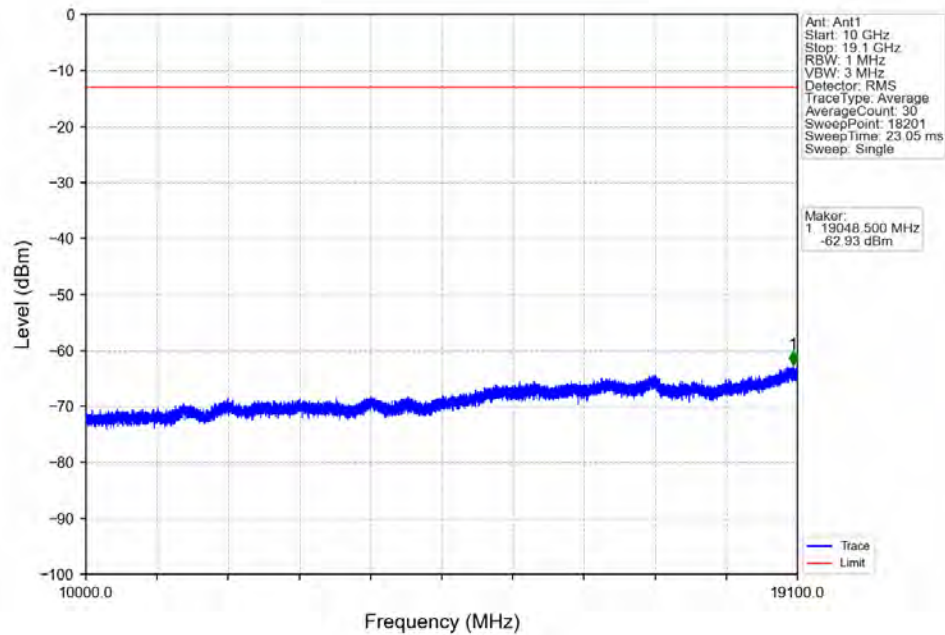
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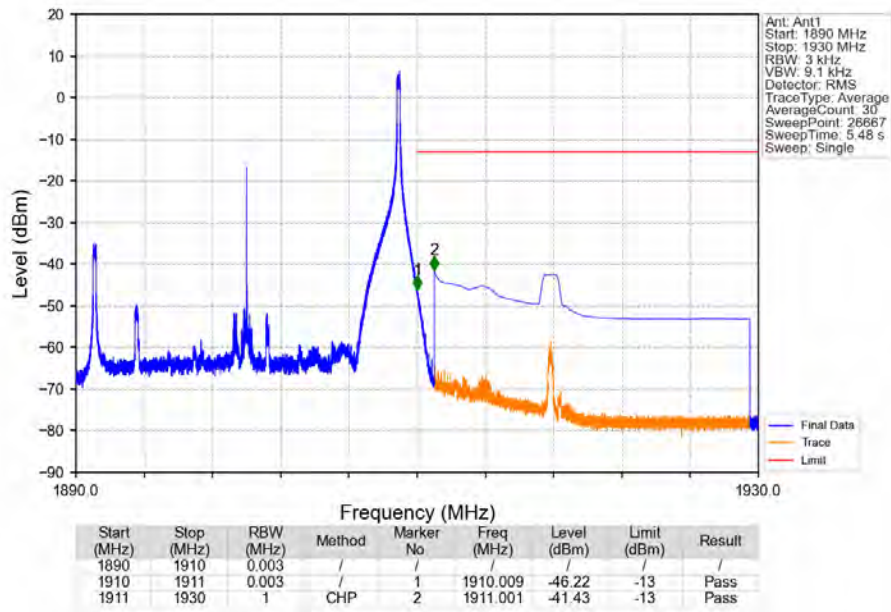
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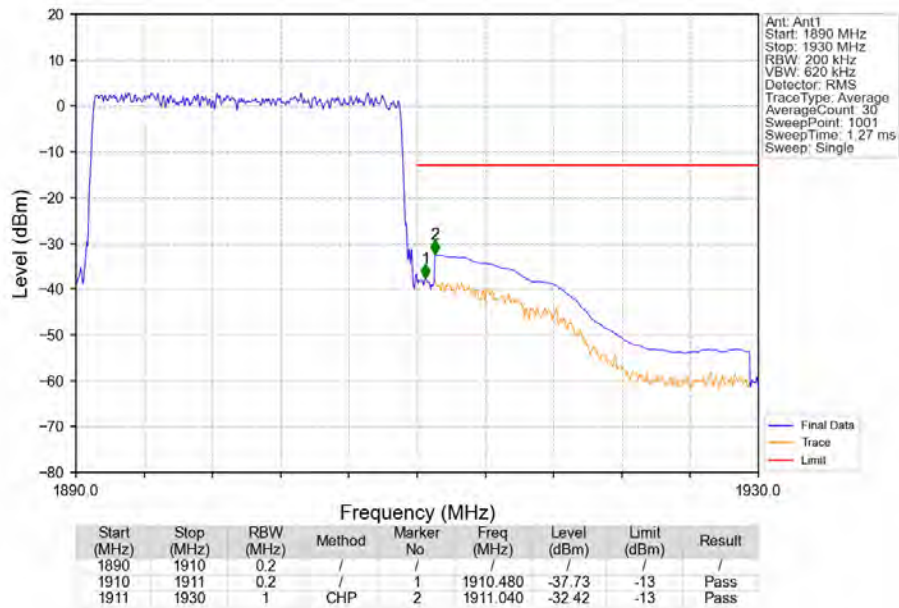
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Band2_20MHz_64QAM_HCH_1900MHz_RB_100_0_NTNV



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6. Field Strength of Spurious Radiation

Test Band = B2 _ TM1

Test Channel = low

Final Data List								
NO	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.0000	64.29	29.02	-47.47	-49.42	-13.00	36.42	Horizontal
2	5553.0000	62.12	32.58	-47.04	-47.60	-13.00	34.60	Horizontal
3	7404.0000	51.74	36.29	-45.07	-52.30	-13.00	39.30	Horizontal
4	9255.0000	40.40	36.69	-42.41	-60.58	-13.00	47.58	Horizontal
5	11106.000	37.29	39.62	-39.37	-57.72	-13.00	44.72	Horizontal
6	12957.000	39.56	39.70	-38.62	-54.62	-13.00	41.62	Horizontal

Final Data List								
NO	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.0000	61.72	29.02	-47.47	-51.99	-13.00	38.99	Vertical
2	5553.0000	59.64	32.58	-47.04	-50.08	-13.00	37.08	Vertical
3	7404.0000	49.16	36.29	-45.07	-54.88	-13.00	41.88	Vertical
4	9255.0000	40.98	36.69	-42.41	-60.00	-13.00	47.00	Vertical
5	11106.000	37.35	39.62	-39.37	-57.66	-13.00	44.66	Vertical
6	12957.000	38.79	39.70	-38.62	-55.39	-13.00	42.39	Vertical



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Test Band = B2 _ TM1
Test Channel = mid

Final Data List								
NO	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.0000	67.51	29.09	-47.37	-46.03	-13.00	33.03	Horizontal
2	5613.0000	64.50	32.55	-46.93	-45.14	-13.00	32.14	Horizontal
3	7484.0000	52.80	36.38	-45.09	-51.17	-13.00	38.17	Horizontal
4	9355.0000	40.62	36.92	-41.98	-59.70	-13.00	46.70	Horizontal
5	11226.000	37.56	39.65	-39.00	-57.05	-13.00	44.05	Horizontal
6	13097.000	39.49	39.87	-38.84	-54.74	-13.00	41.74	Horizontal

Final Data List								
NO	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.0000	63.55	29.09	-47.37	-49.99	-13.00	36.99	Vertical
2	5613.0000	59.91	32.55	-46.93	-49.73	-13.00	36.73	Vertical
3	7484.0000	50.15	36.38	-45.09	-53.82	-13.00	40.82	Vertical
4	9355.0000	41.87	36.92	-41.98	-58.45	-13.00	45.45	Vertical
5	11226.000	38.02	39.65	-39.00	-56.59	-13.00	43.59	Vertical
6	13097.000	40.33	39.87	-38.84	-53.90	-13.00	40.90	Vertical



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Test Band = B2 _ TM1
Test Channel = high

Final Data List								
NO	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.0000	64.95	29.15	-47.26	-48.42	-13.00	35.42	Horizontal
2	5673.0000	61.74	32.53	-46.79	-47.78	-13.00	34.78	Horizontal
3	7564.0000	51.36	36.37	-44.79	-52.32	-13.00	39.32	Horizontal
4	9455.0000	39.87	37.15	-41.78	-60.02	-13.00	47.02	Horizontal
5	11346.000	37.64	39.67	-39.06	-57.01	-13.00	44.01	Horizontal
6	13237.000	38.15	40.13	-38.33	-55.31	-13.00	42.31	Horizontal

Final Data List								
NO	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.0000	60.47	29.15	-47.26	-52.90	-13.00	39.90	Vertical
2	5673.0000	57.63	32.53	-46.79	-51.89	-13.00	38.89	Vertical
3	7564.0000	48.63	36.37	-44.79	-55.05	-13.00	42.05	Vertical
4	9455.0000	40.40	37.15	-41.78	-59.49	-13.00	46.49	Vertical
5	11346.000	37.19	39.67	-39.06	-57.46	-13.00	44.46	Vertical
6	13237.000	37.68	40.13	-38.33	-55.78	-13.00	42.78	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

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

---End of Attachment---



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