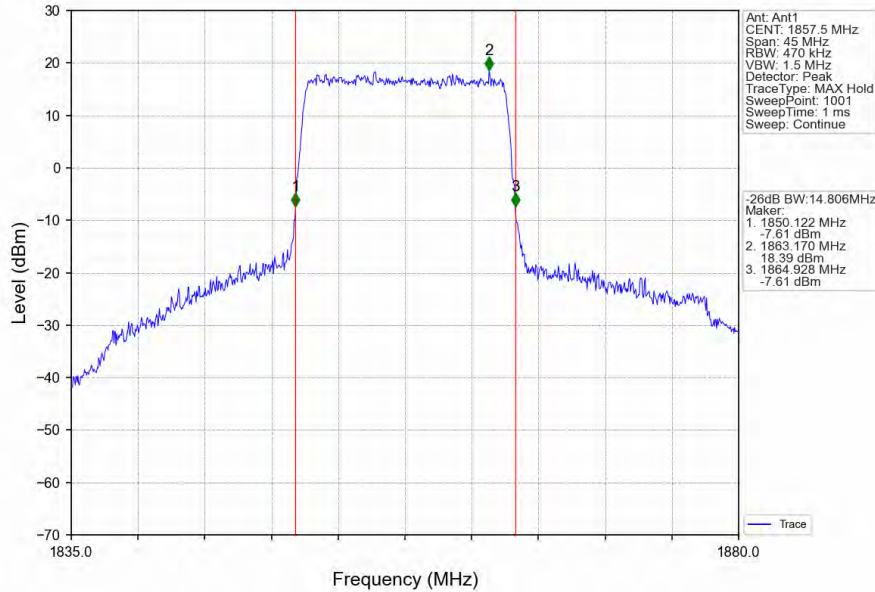




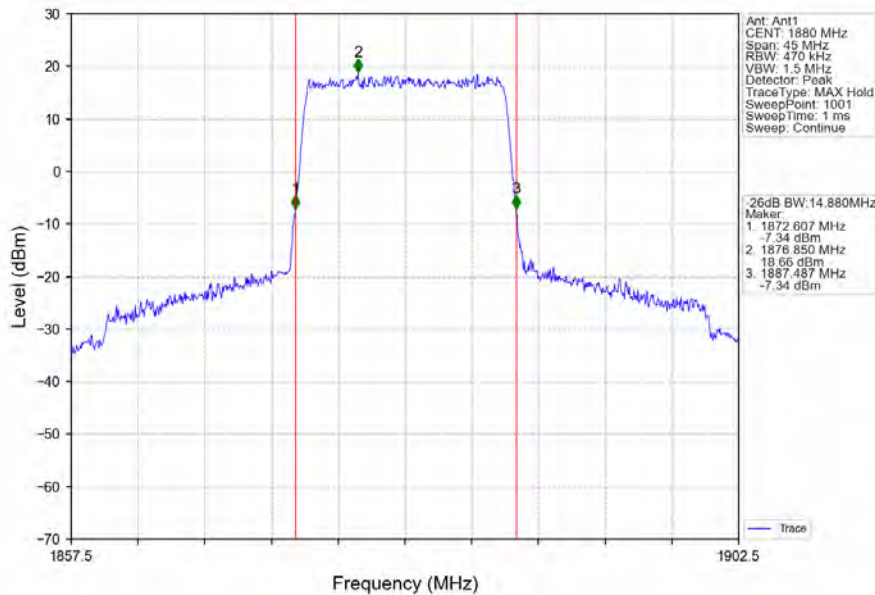
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Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



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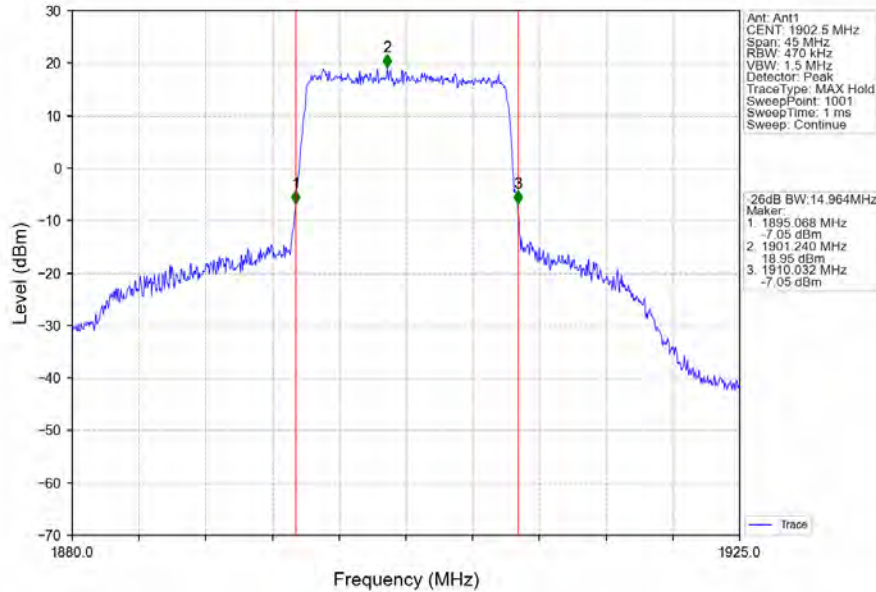
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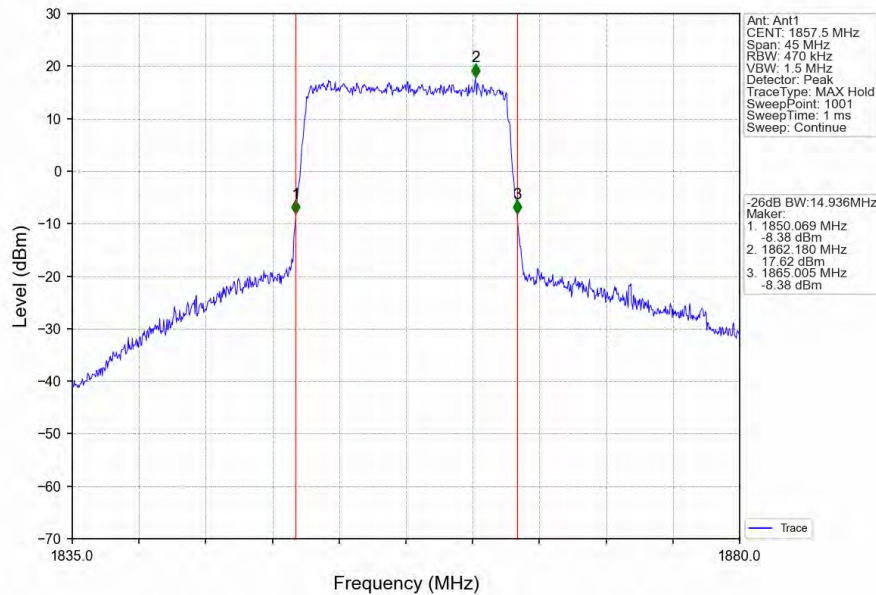
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Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



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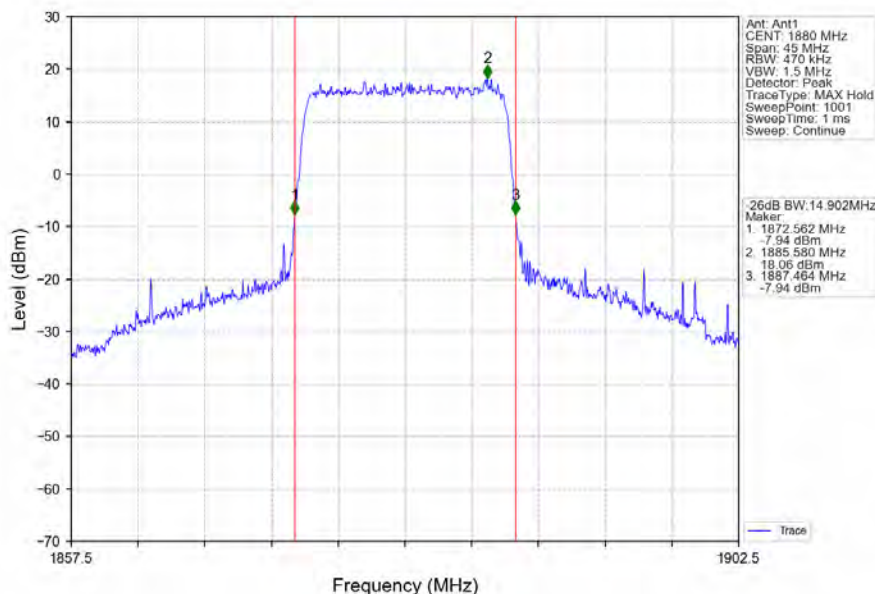
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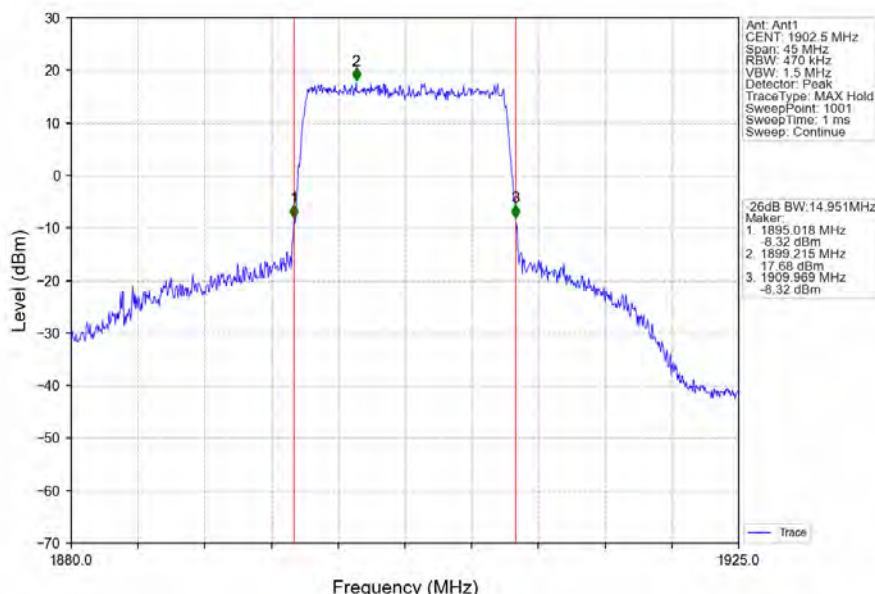
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Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



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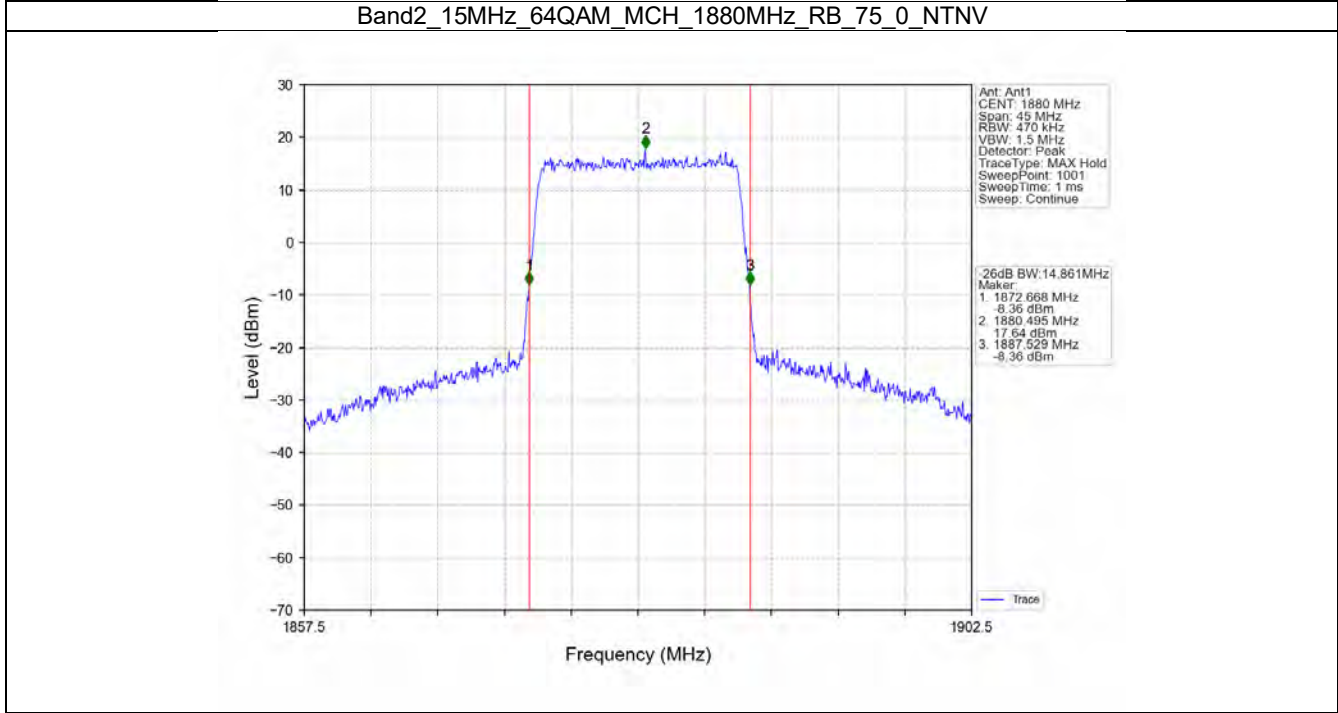
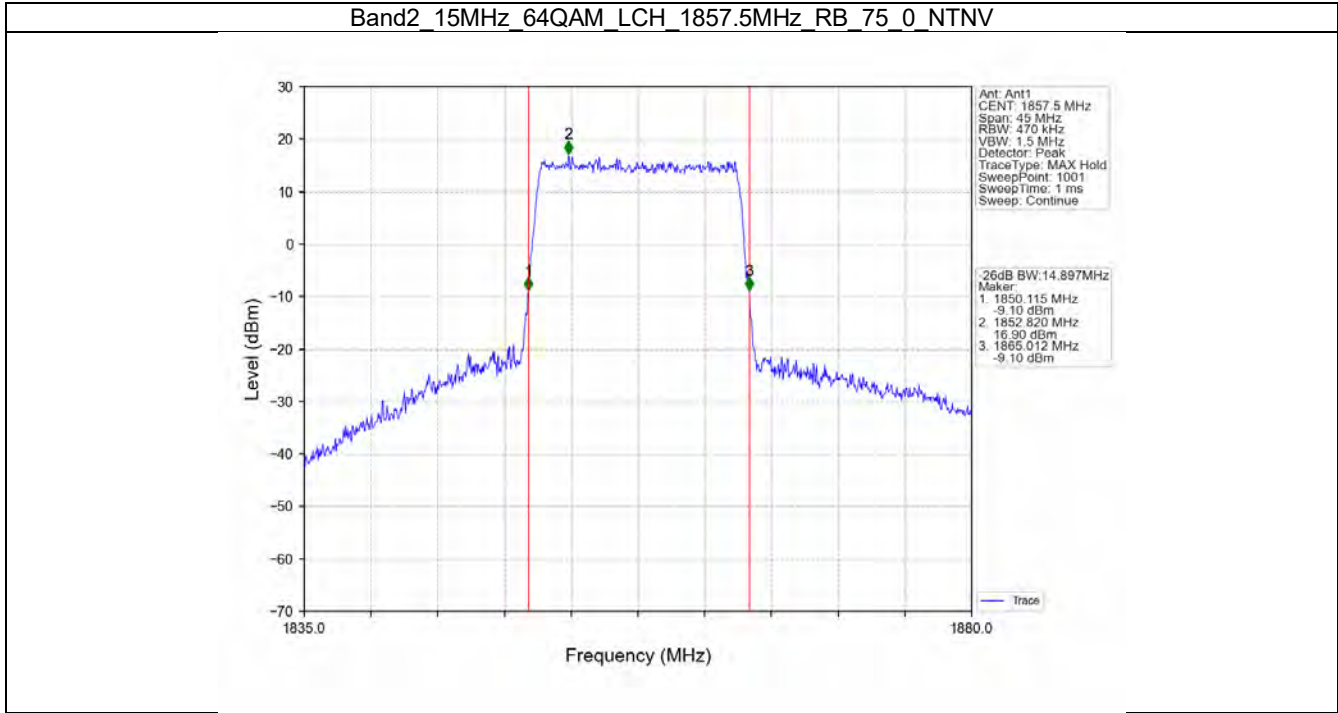
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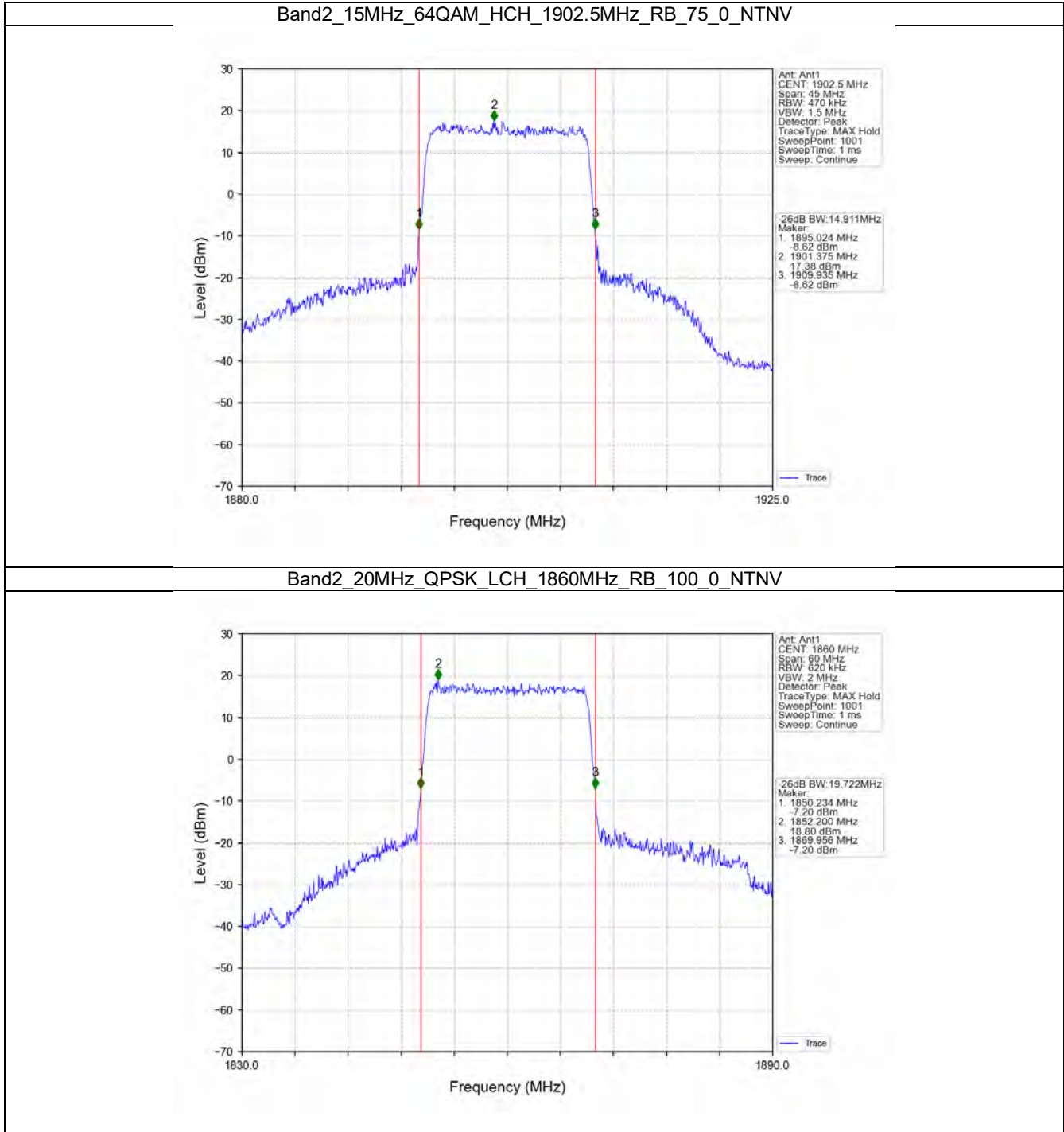
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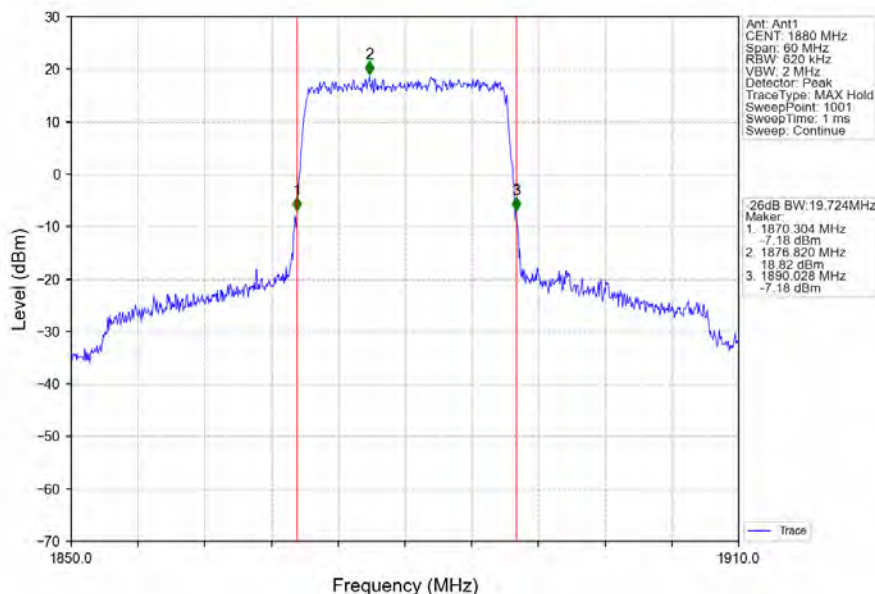
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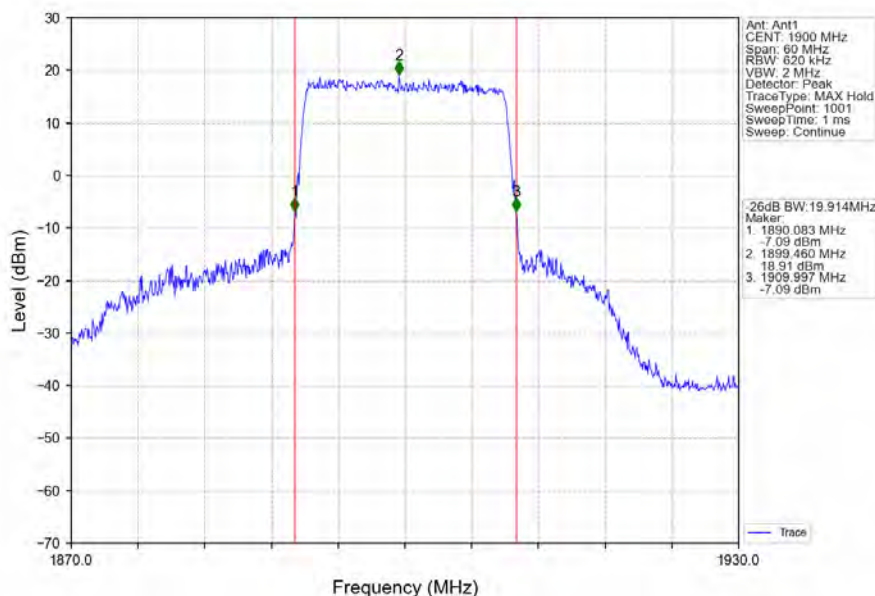
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Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



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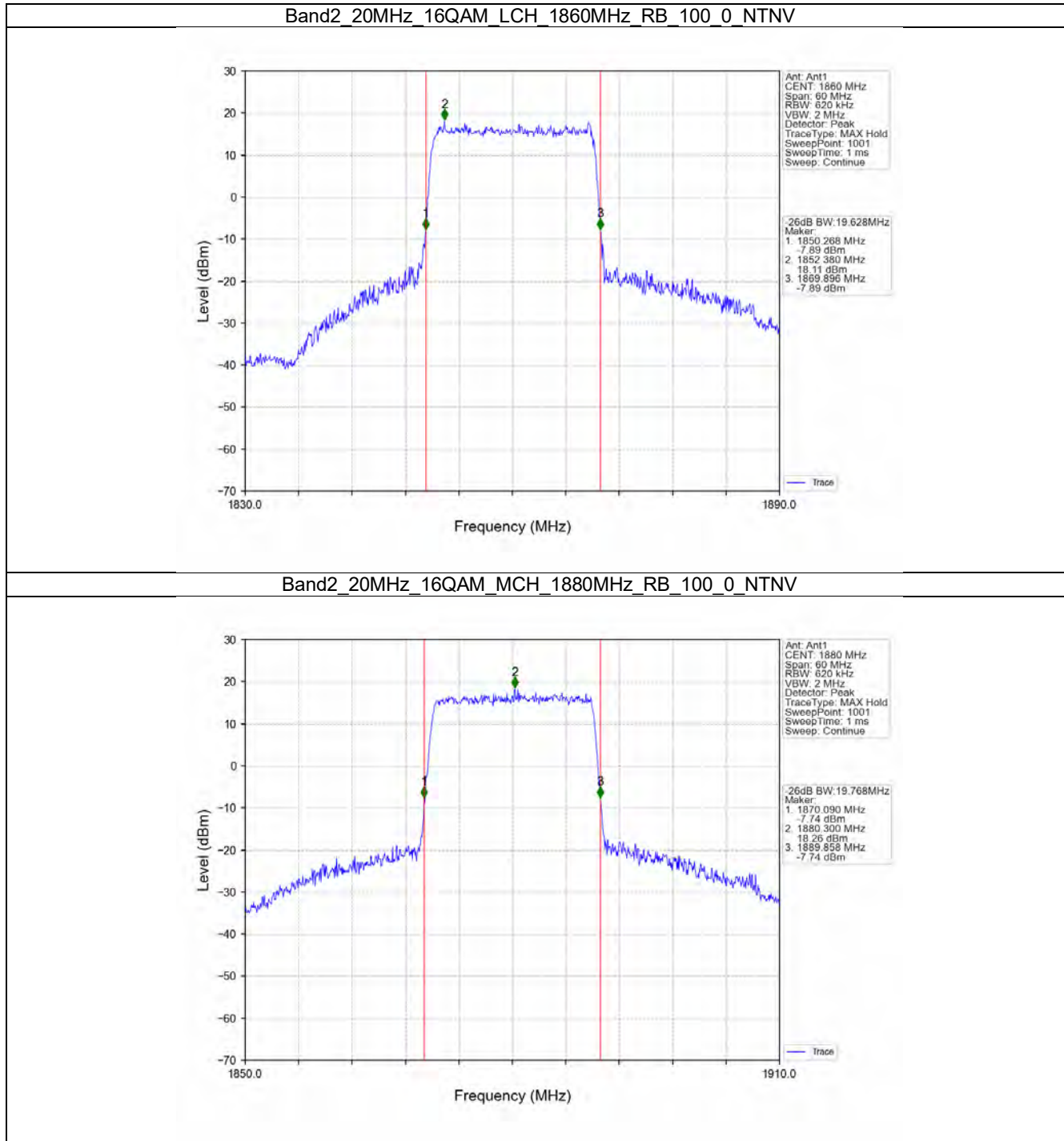
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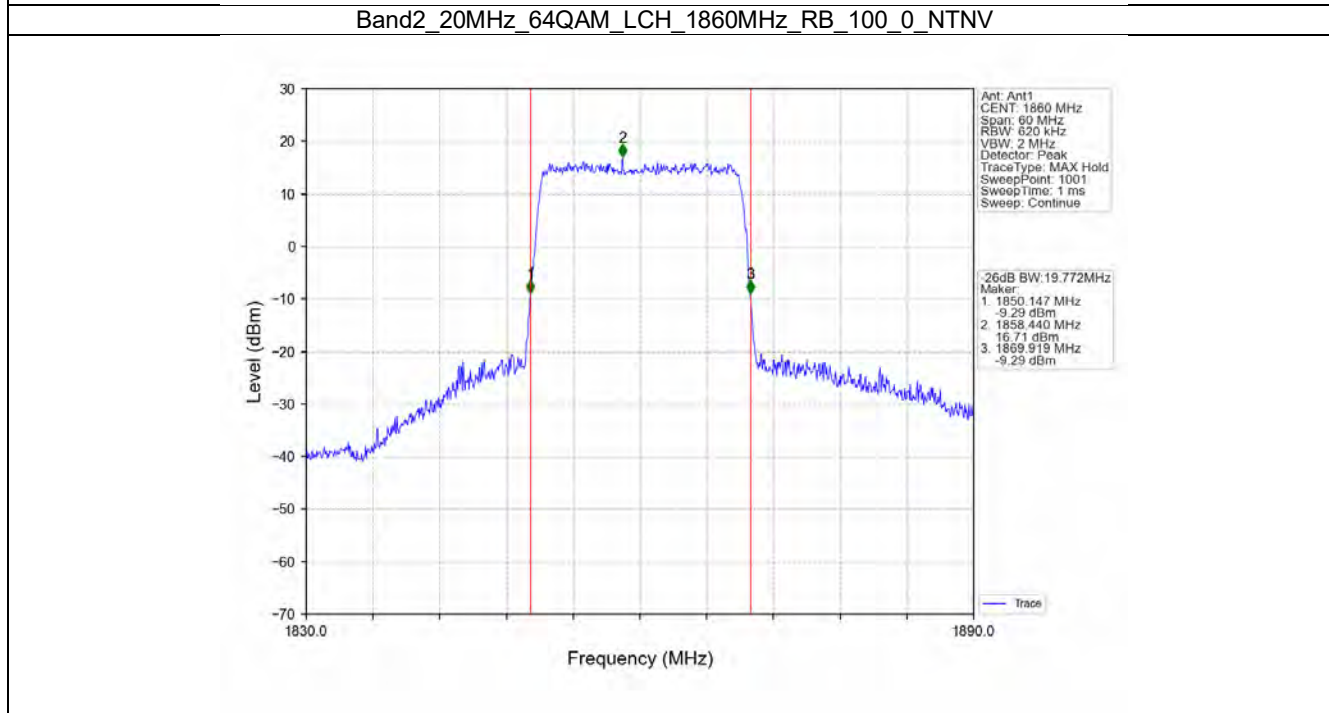
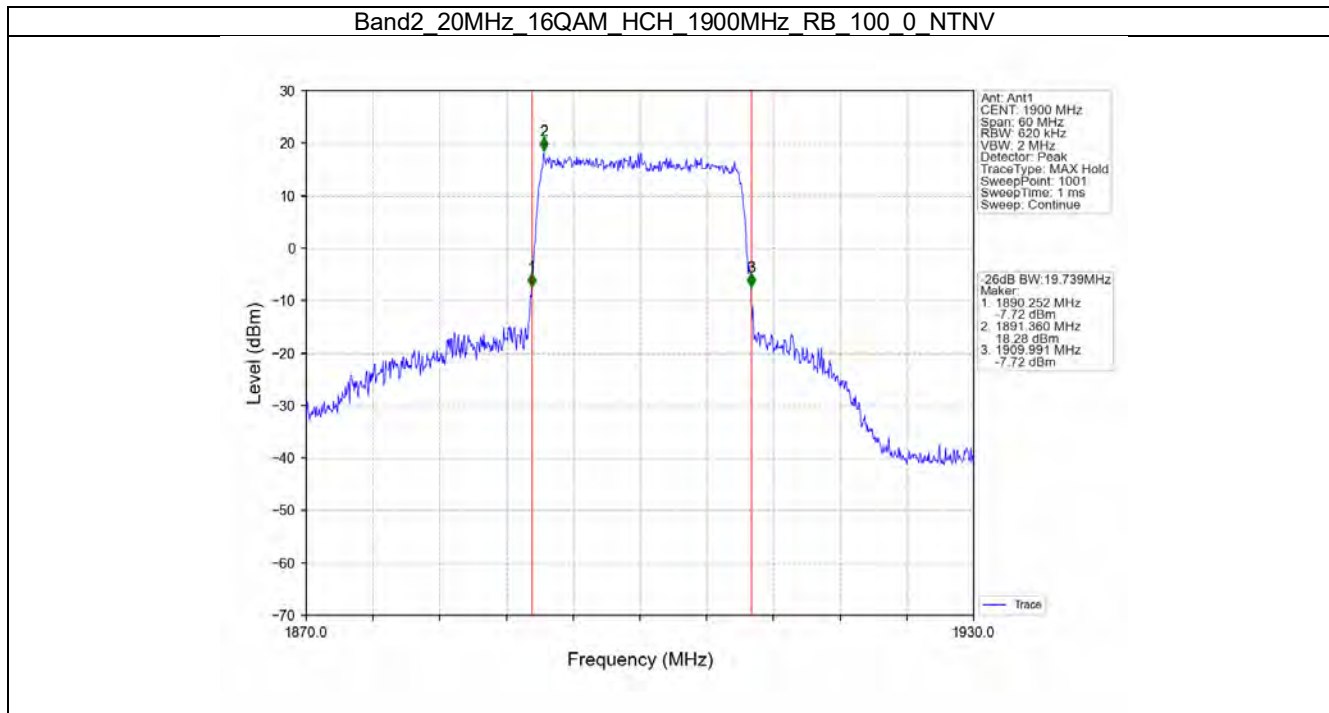


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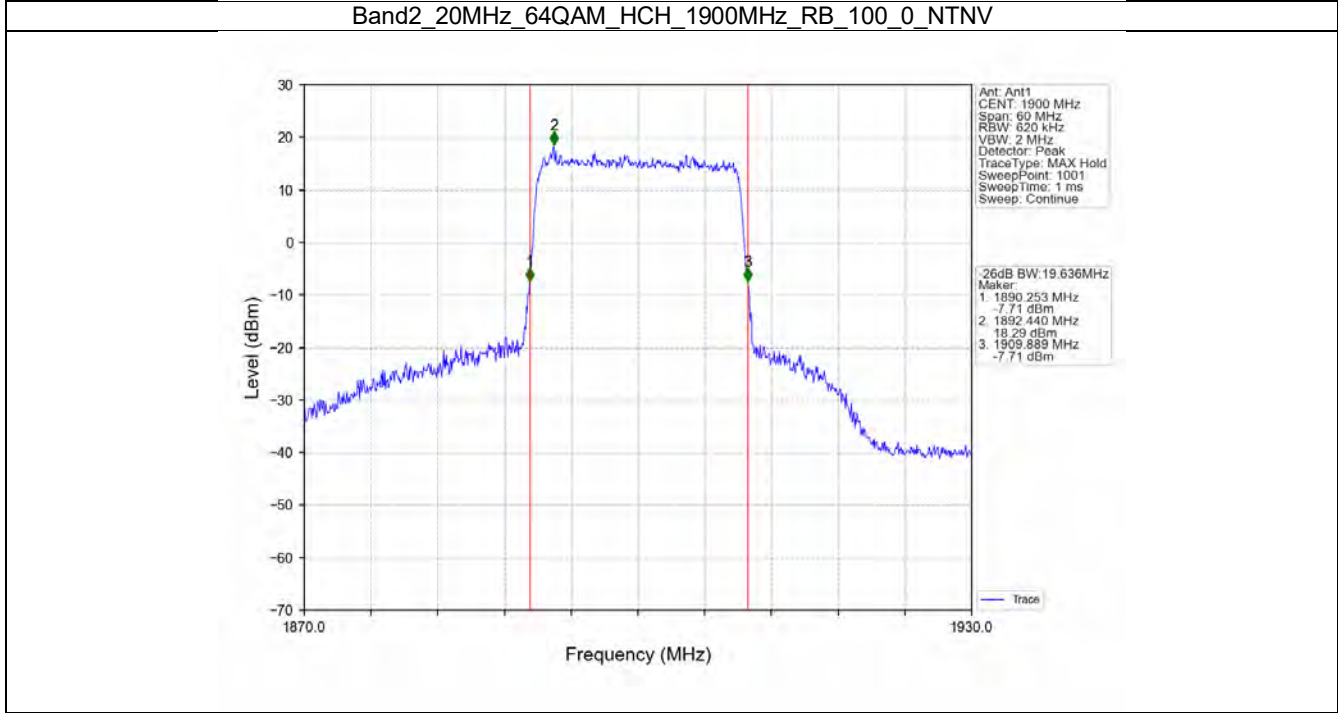
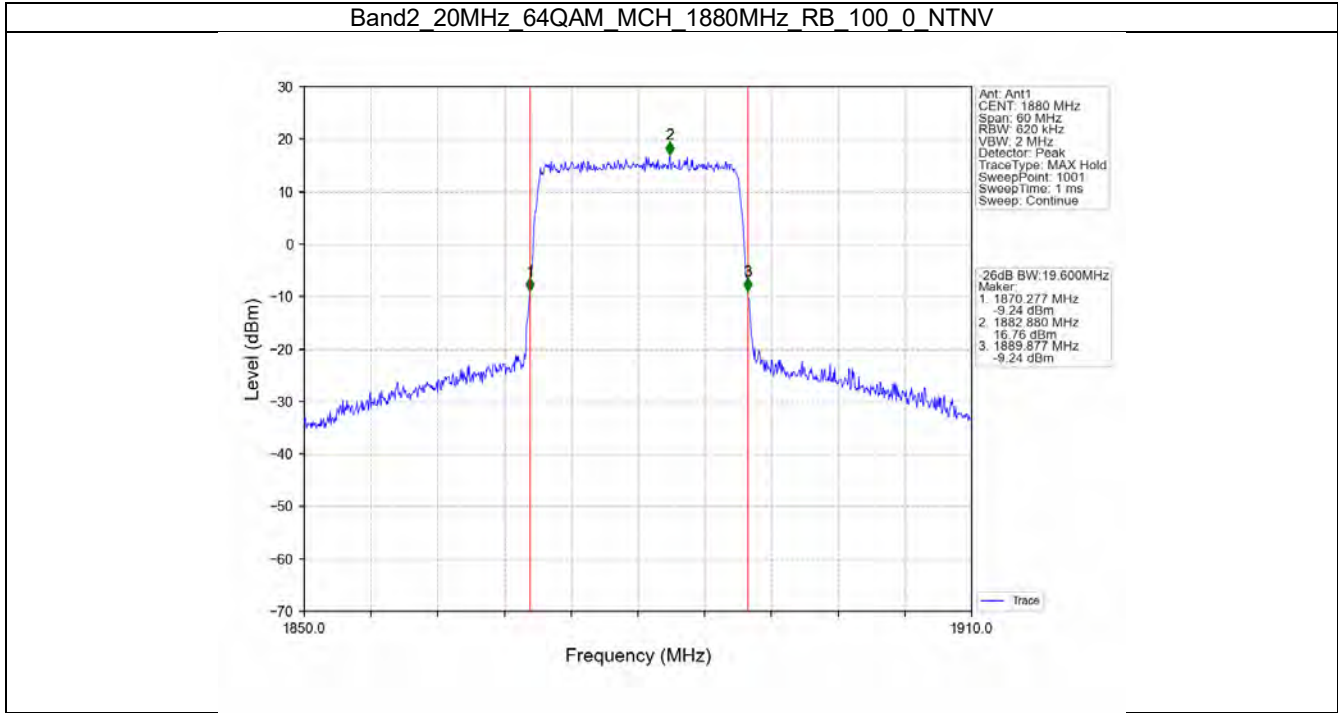
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## 5. Peak-Average Ratio

### 5.1 B2\_1.4MHz

#### 5.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	4.85	<=13	Pass
	1880	6	0	5.21	<=13	Pass
	1909.3	6	0	4.57	<=13	Pass
16QAM	1850.7	6	0	5.74	<=13	Pass
	1880	6	0	6.00	<=13	Pass
	1909.3	6	0	5.45	<=13	Pass
64QAM	1850.7	6	0	5.84	<=13	Pass
	1880	6	0	6.43	<=13	Pass
	1909.3	6	0	6.04	<=13	Pass



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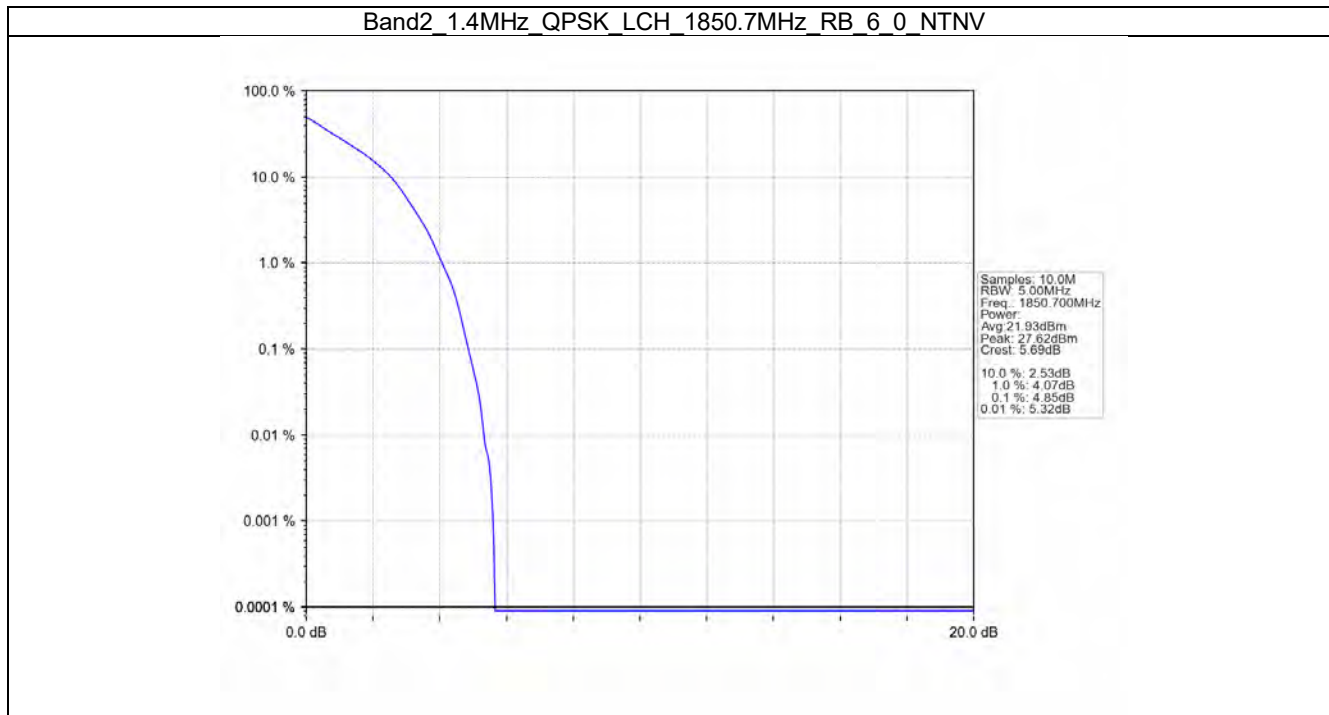
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## 5.1.2 Test Graph



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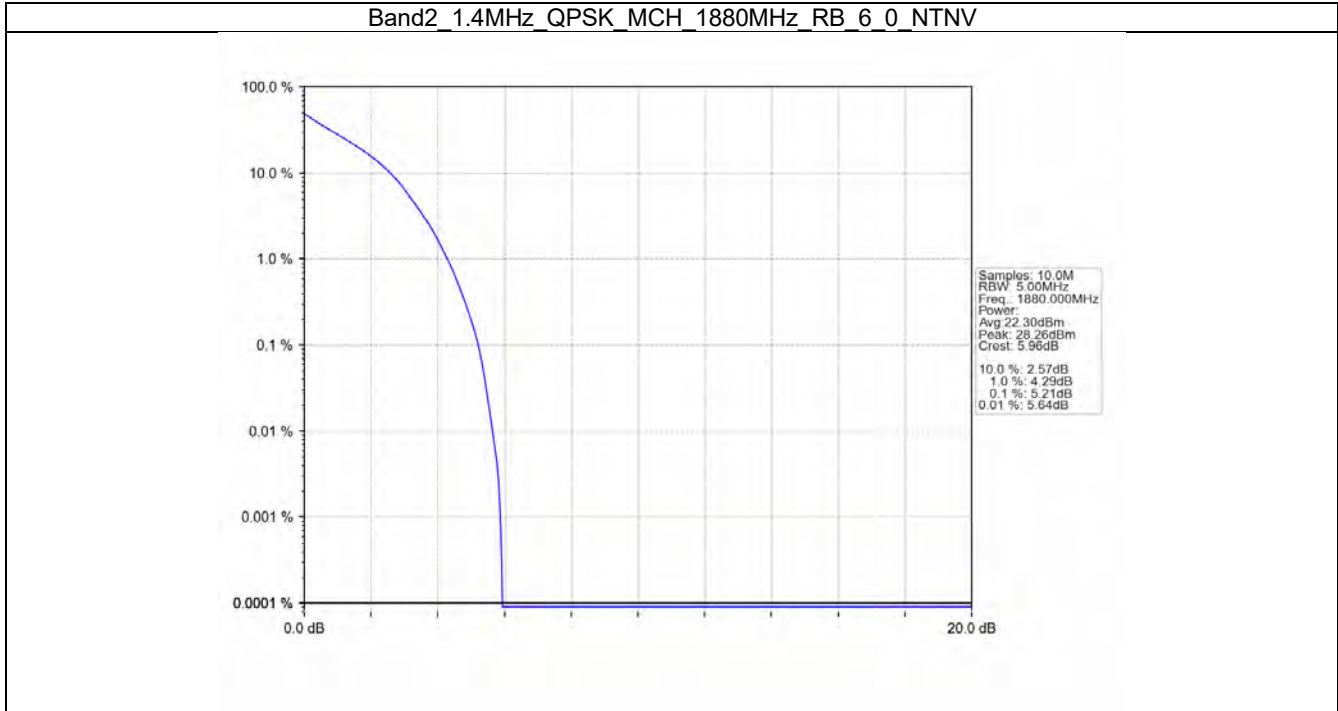
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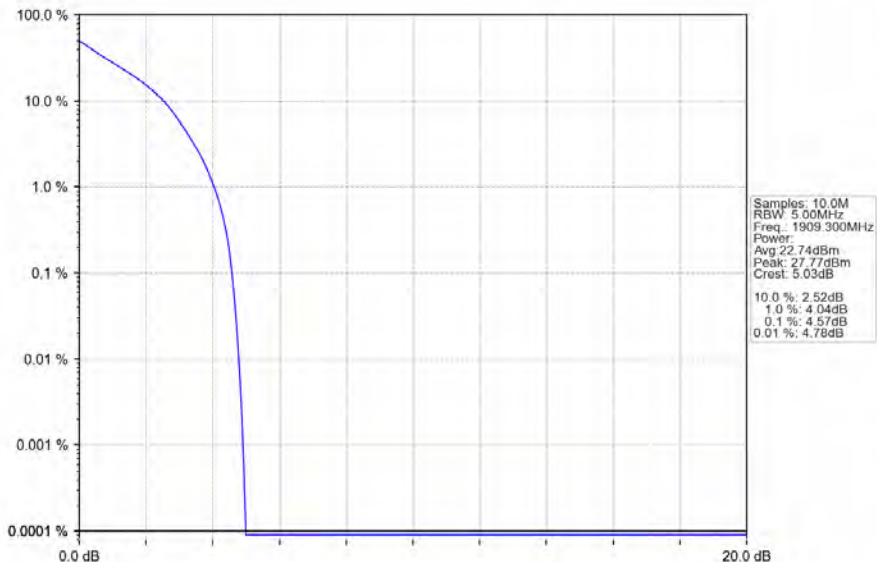
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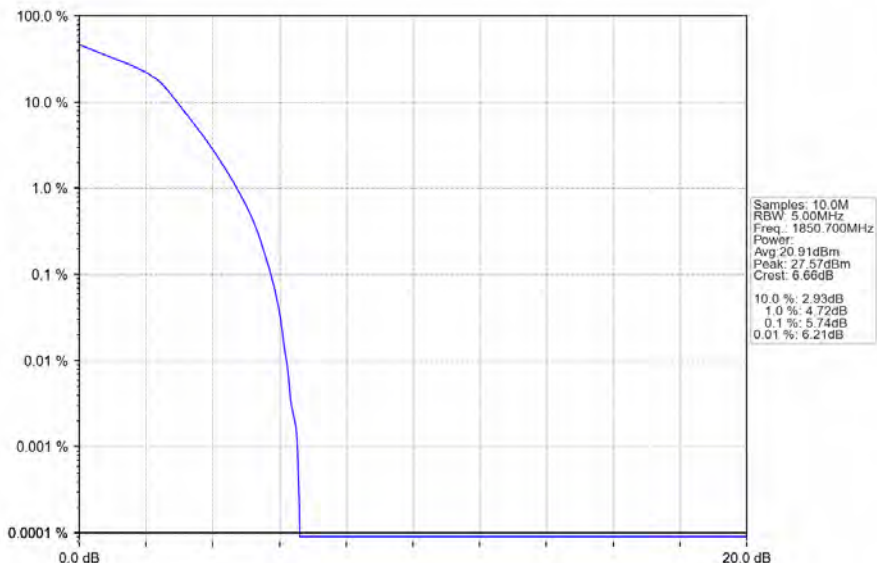
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Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



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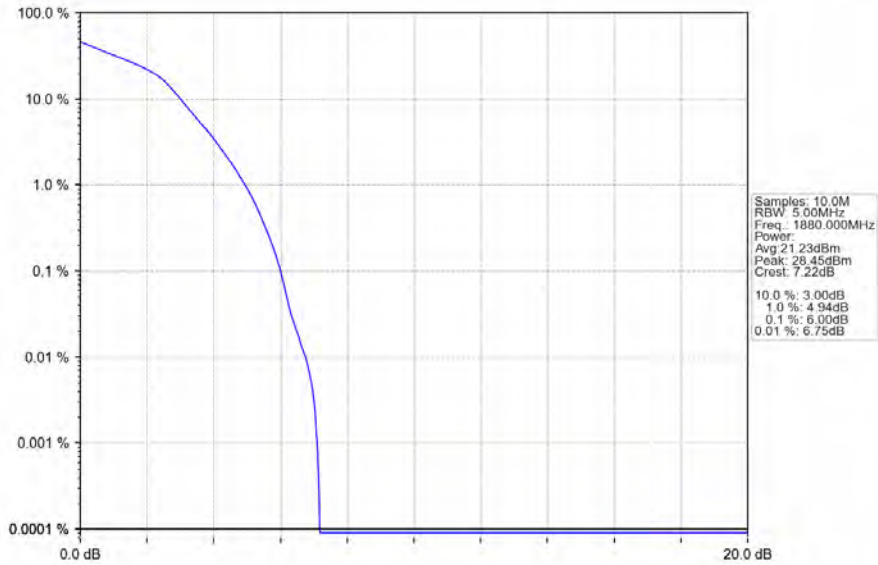
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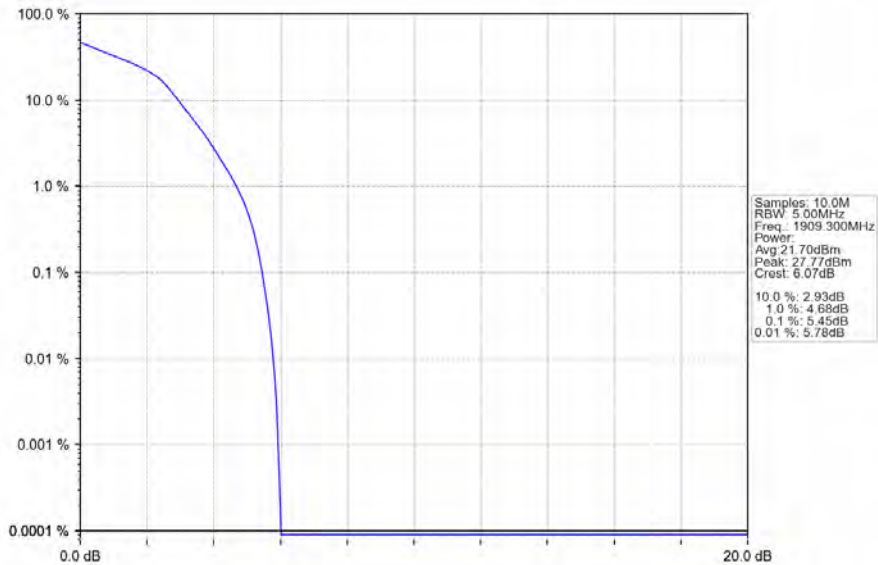
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Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



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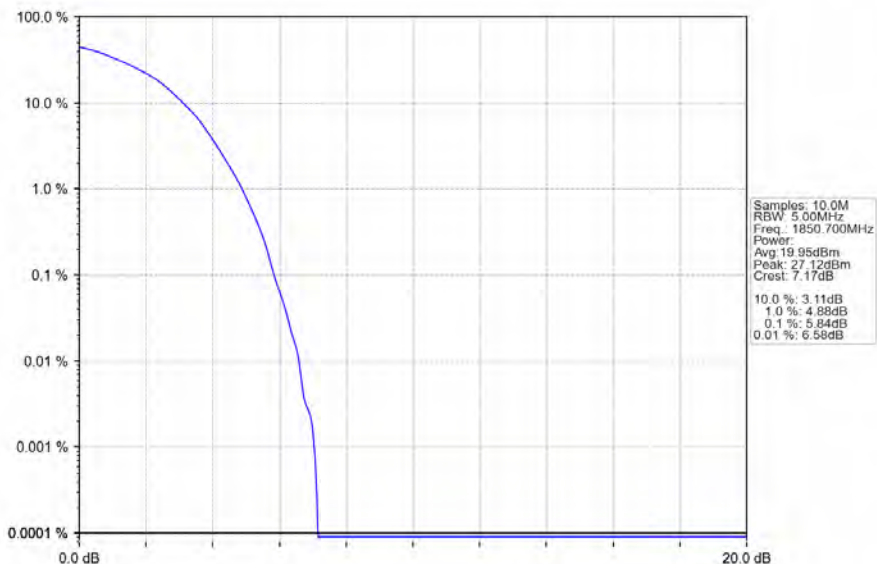
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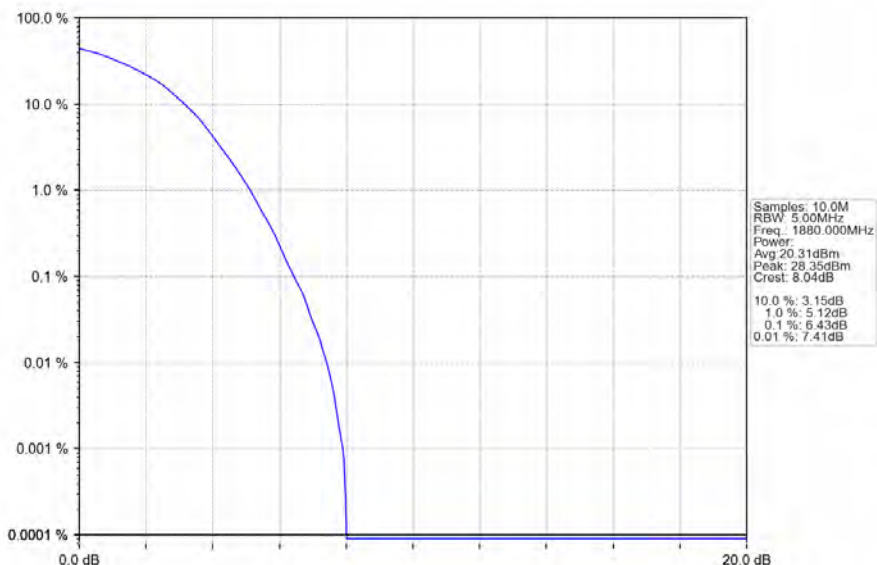
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Band2\_1.4MHz\_64QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



Band2\_1.4MHz\_64QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



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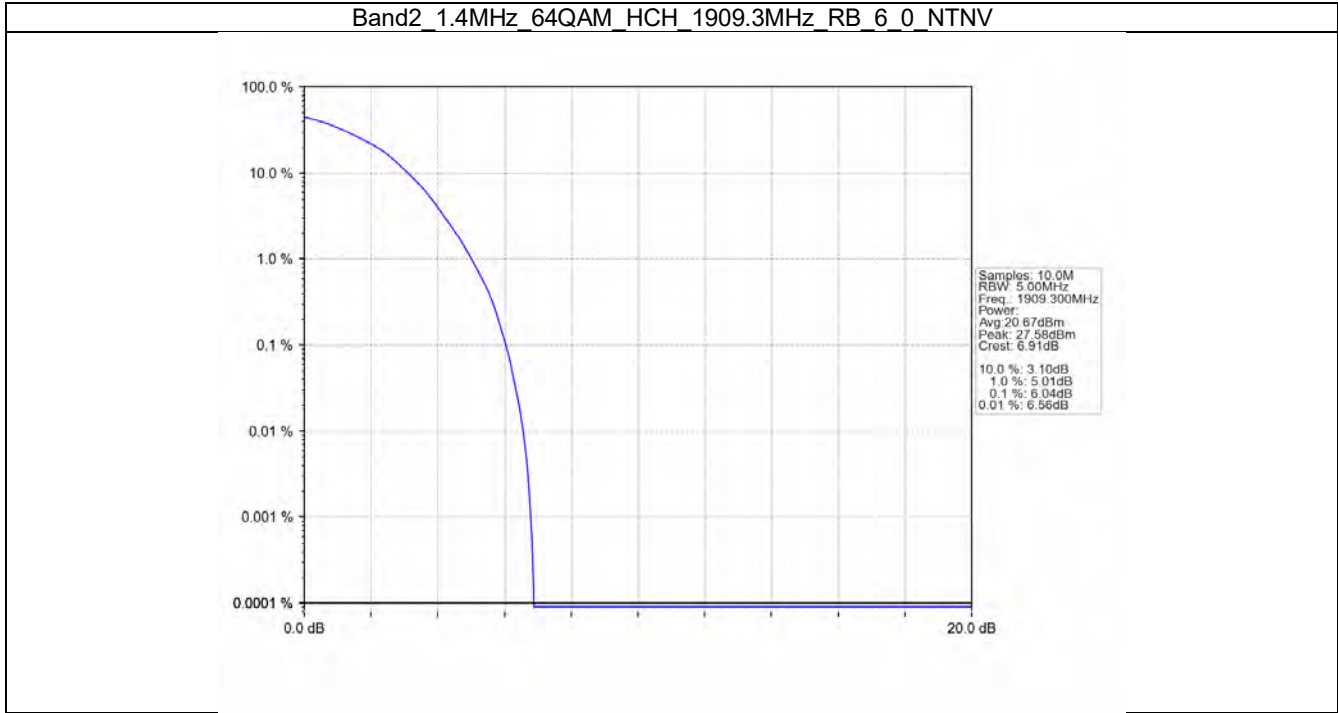
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## 5.2 B2\_3MHz

### 5.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.12	<=13	Pass
	1880	15	0	5.26	<=13	Pass
	1908.5	15	0	4.99	<=13	Pass
16QAM	1851.5	15	0	5.92	<=13	Pass
	1880	15	0	6.10	<=13	Pass
	1908.5	15	0	5.82	<=13	Pass
64QAM	1851.5	15	0	6.17	<=13	Pass
	1880	15	0	6.29	<=13	Pass
	1908.5	15	0	6.25	<=13	Pass



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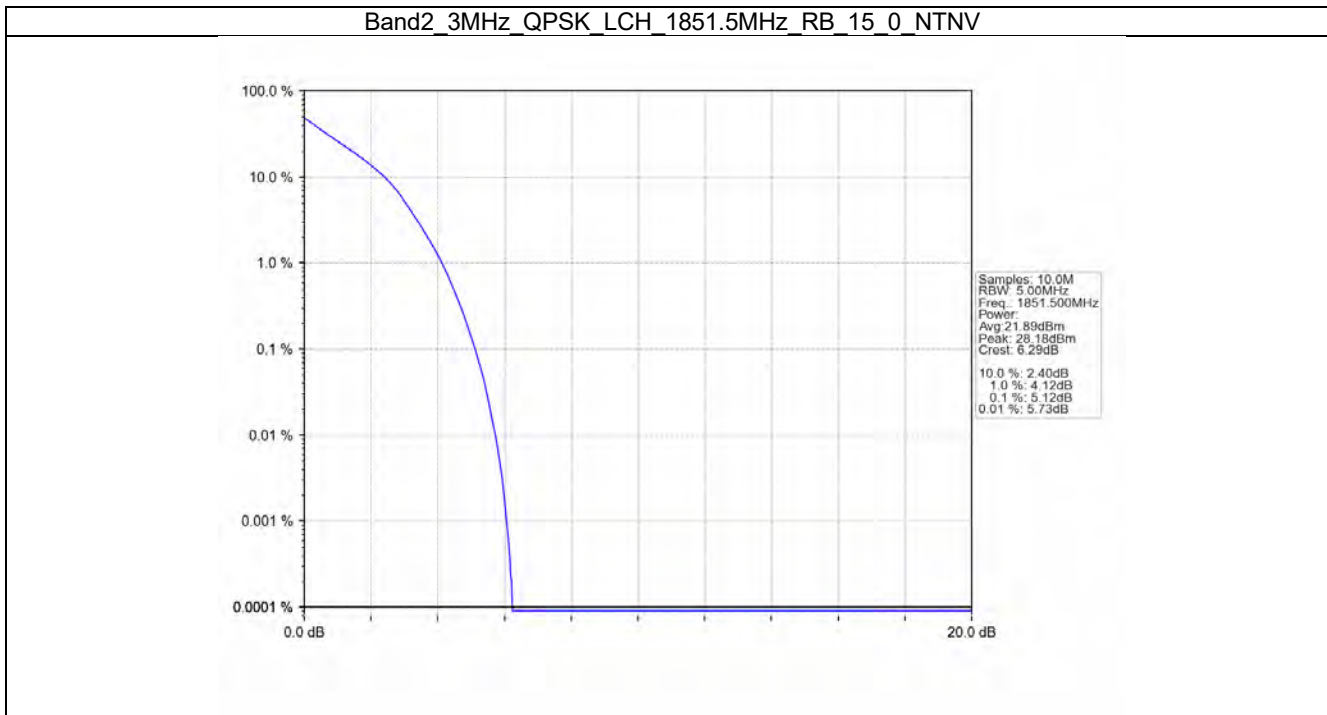
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## 5.2.2 Test Graph



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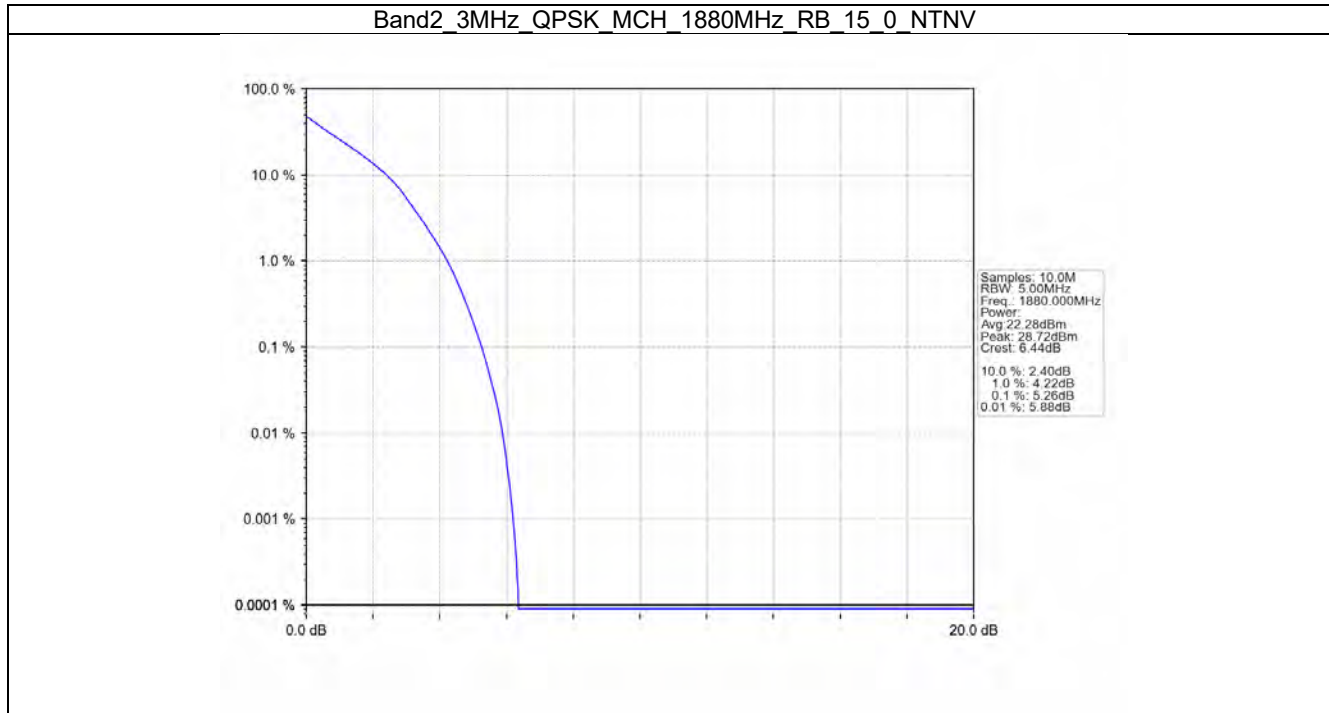
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Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



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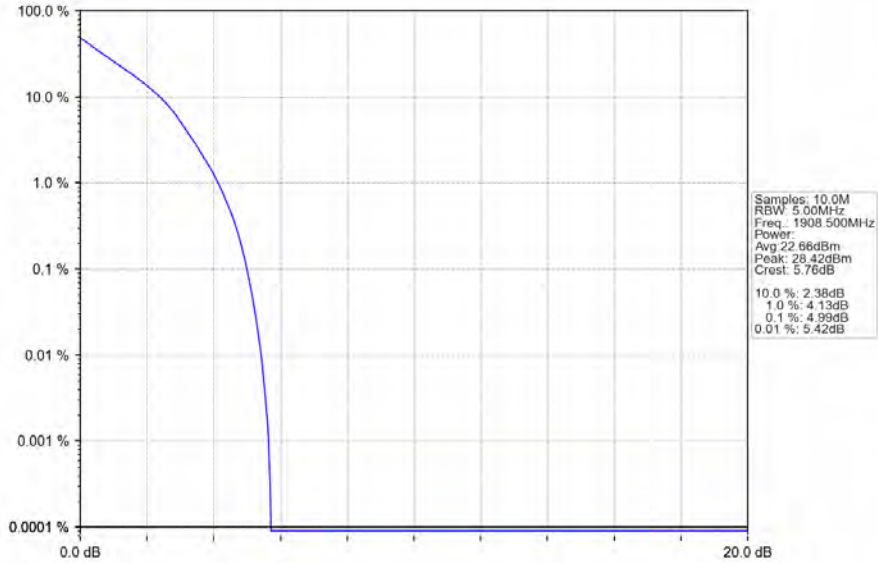
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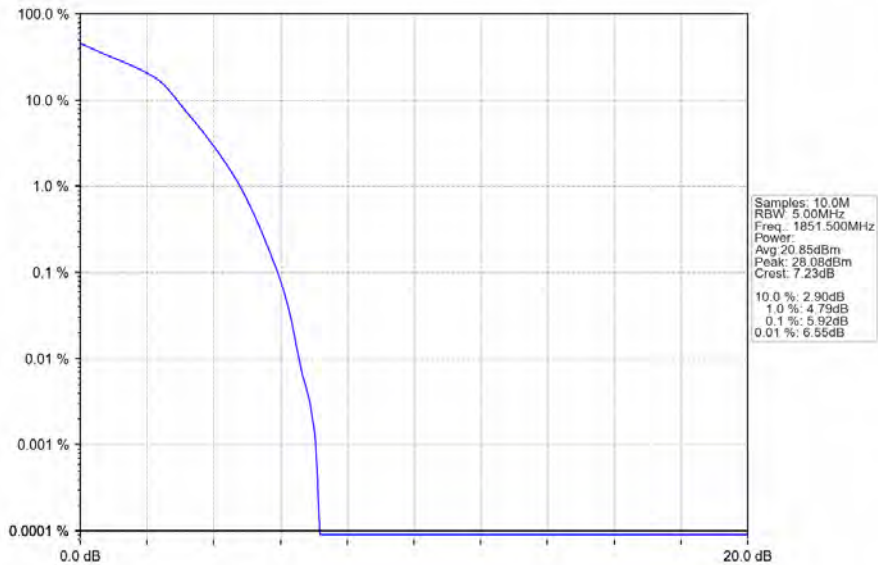
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Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



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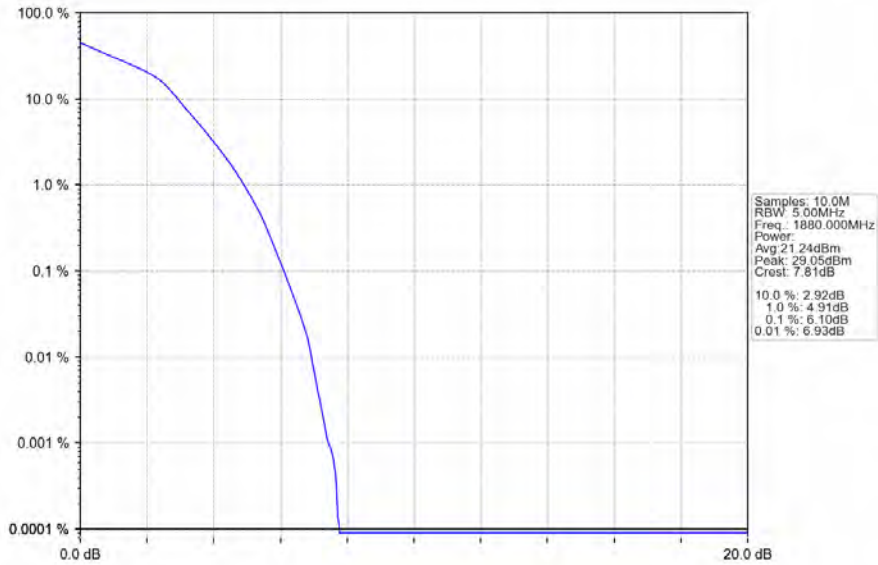
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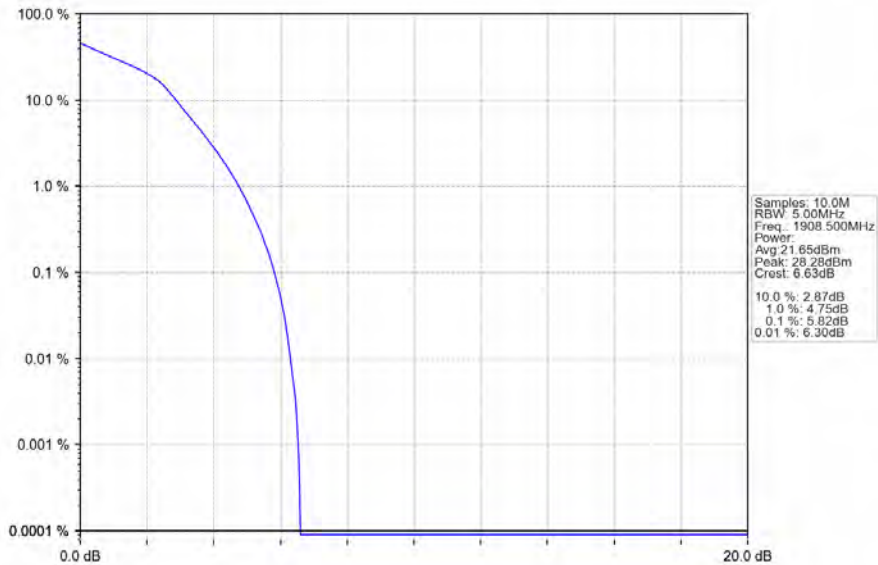
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Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



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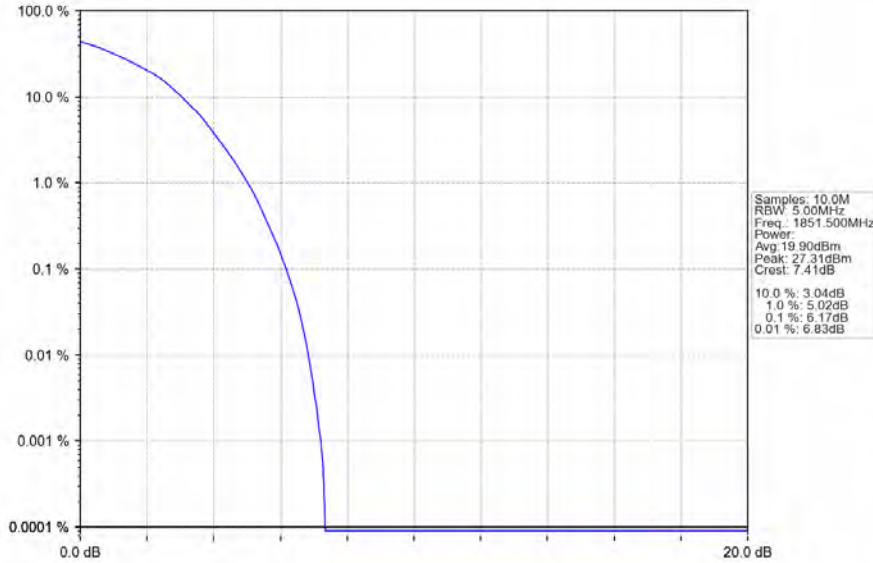
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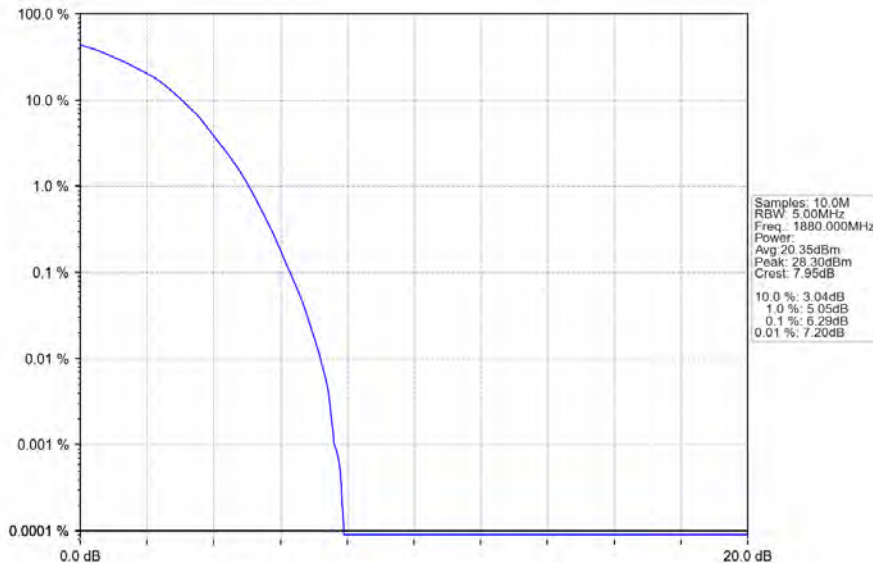
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Band2\_3MHz\_64QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_64QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



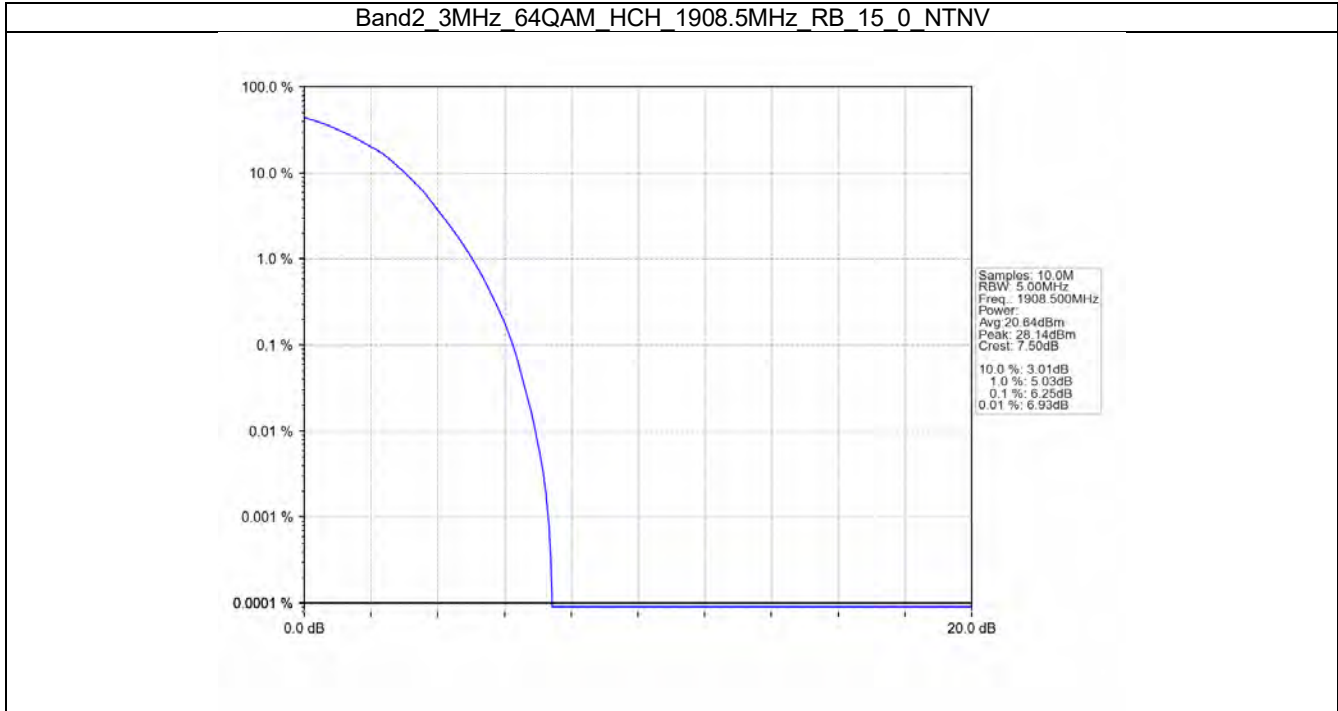
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## 5.3 B2\_5MHz

### 5.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.43	<=13	Pass
	1880	25	0	5.54	<=13	Pass
	1907.5	25	0	5.35	<=13	Pass
16QAM	1852.5	25	0	6.08	<=13	Pass
	1880	25	0	6.20	<=13	Pass
	1907.5	25	0	6.07	<=13	Pass
64QAM	1852.5	25	0	6.34	<=13	Pass
	1880	25	0	6.42	<=13	Pass
	1907.5	25	0	6.34	<=13	Pass



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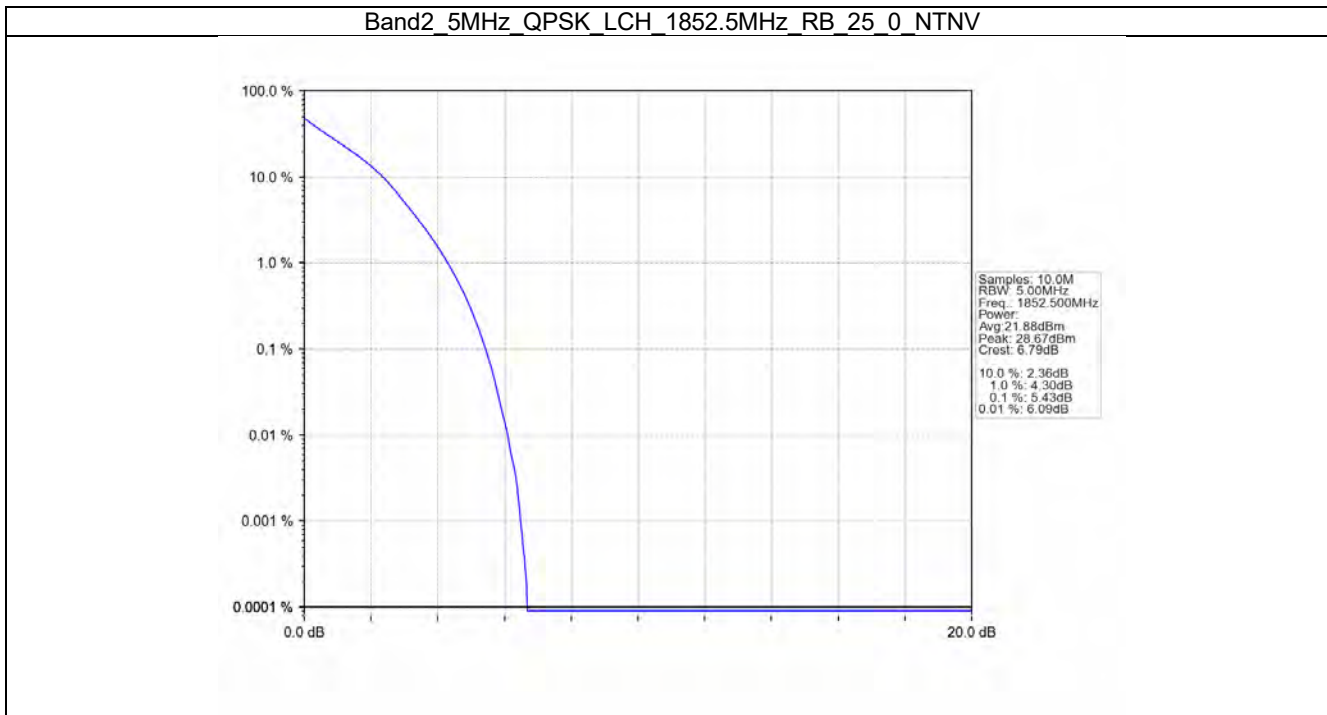




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## 5.3.2 Test Graph



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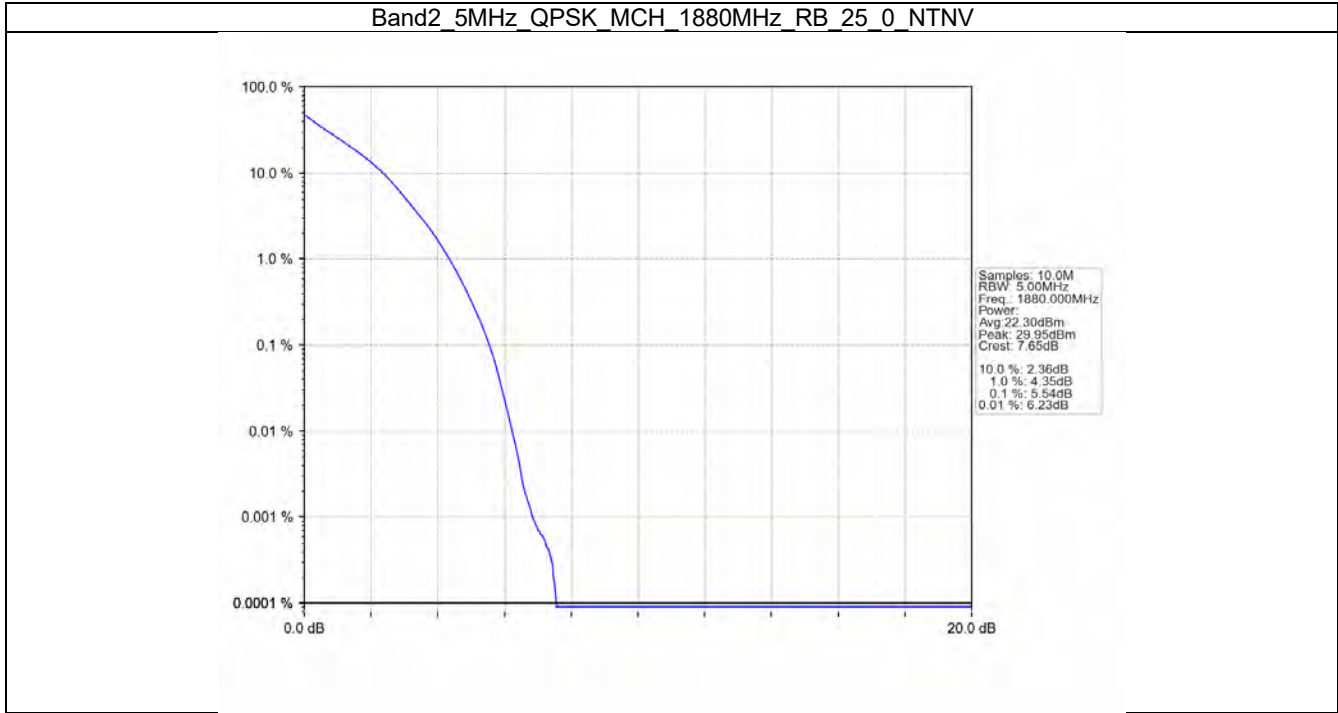
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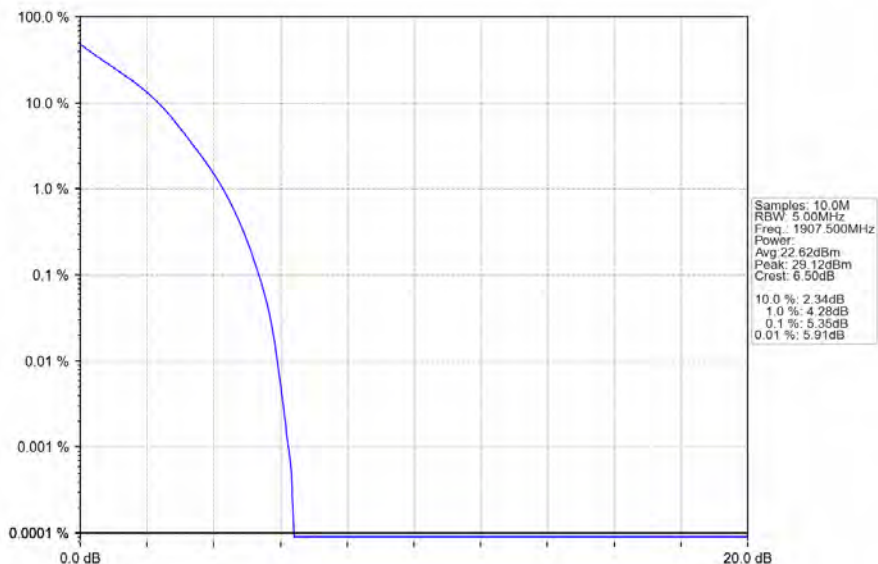
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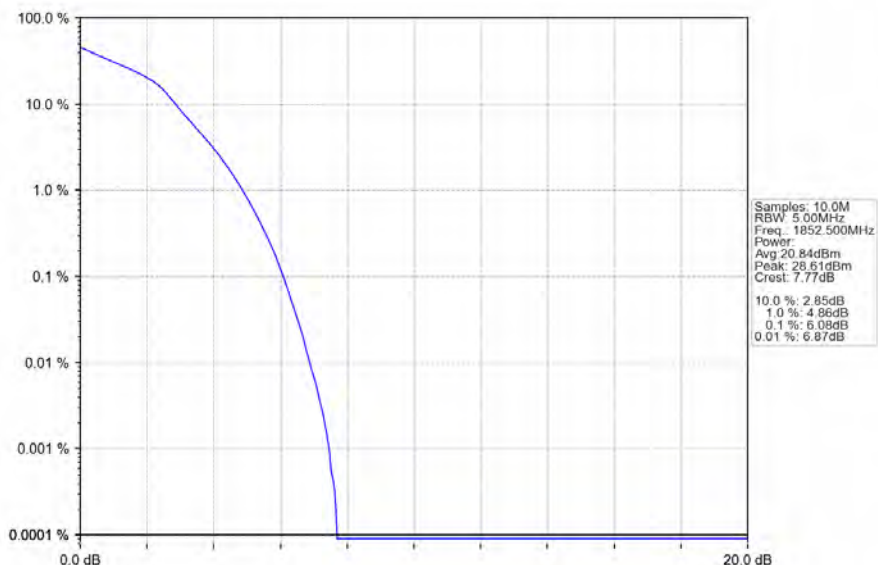
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Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



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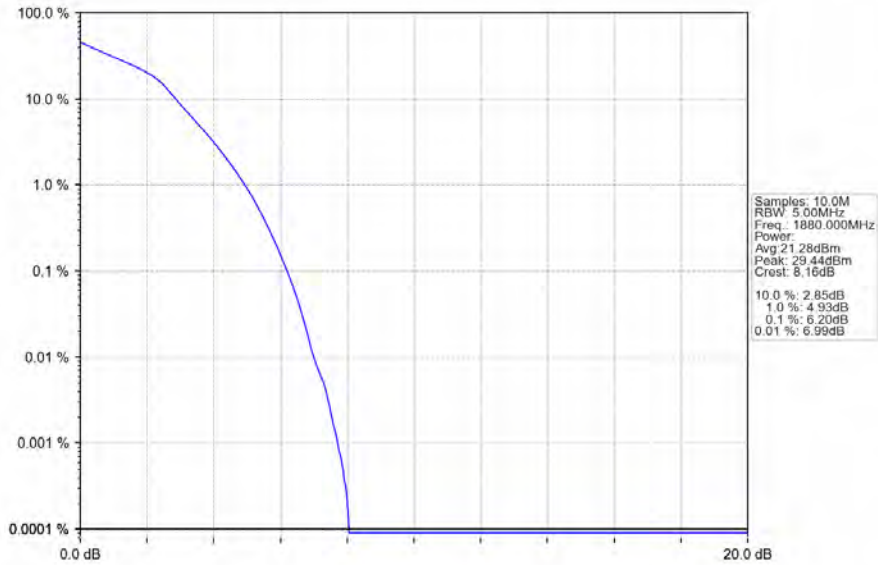
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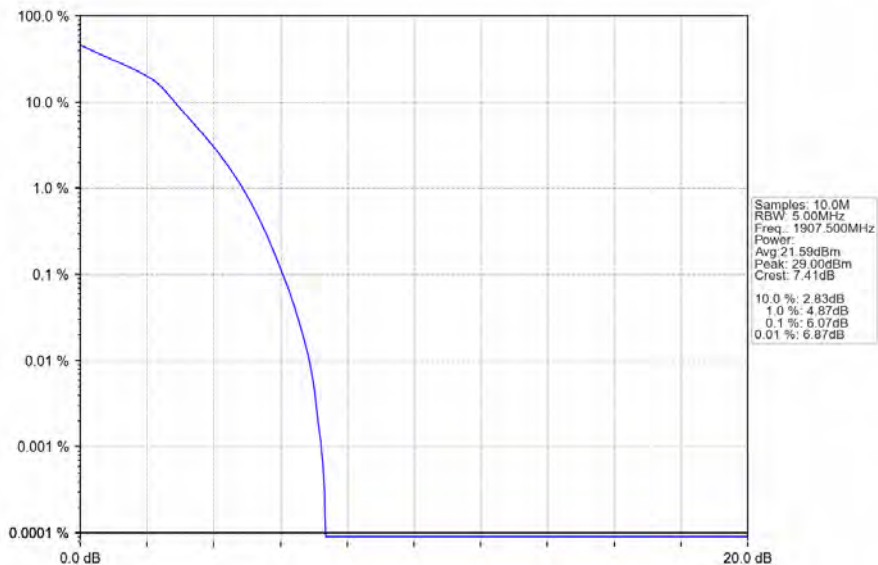
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Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



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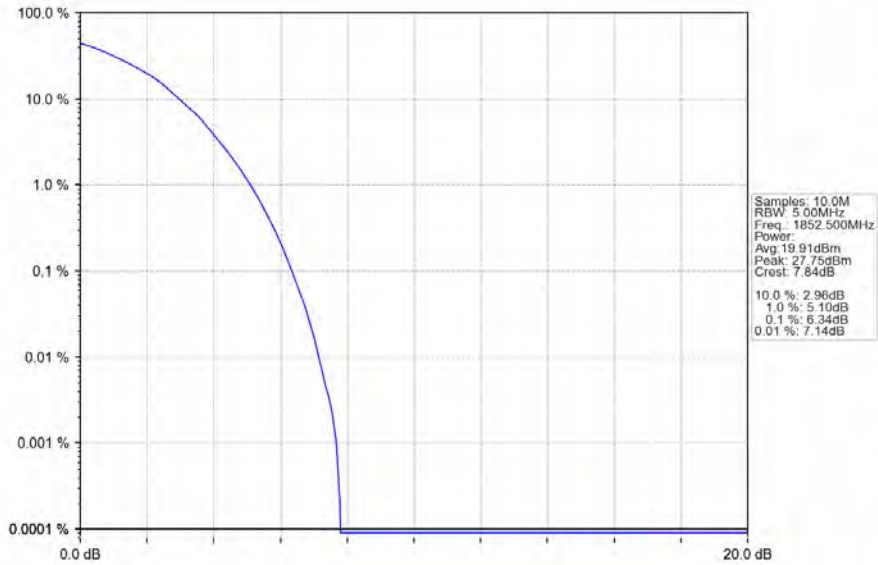
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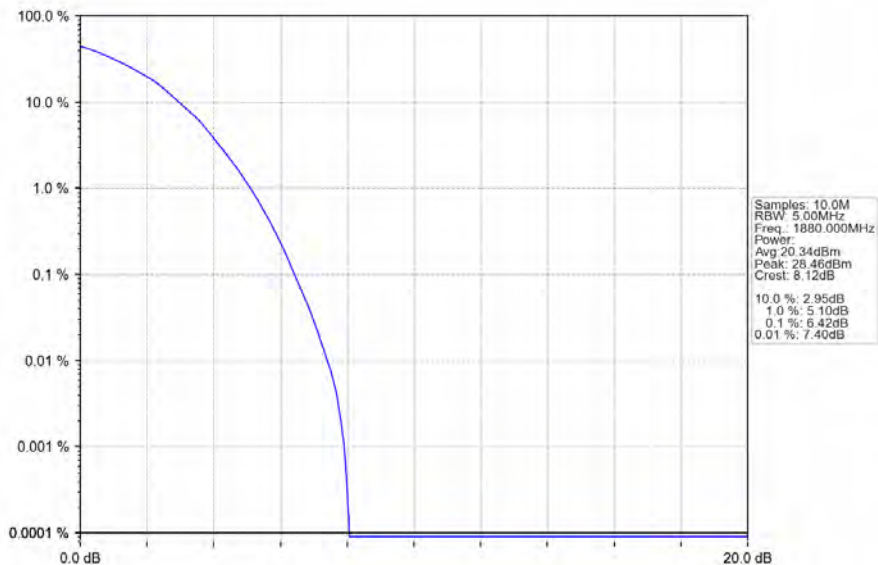
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Band2\_5MHz\_64QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_64QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



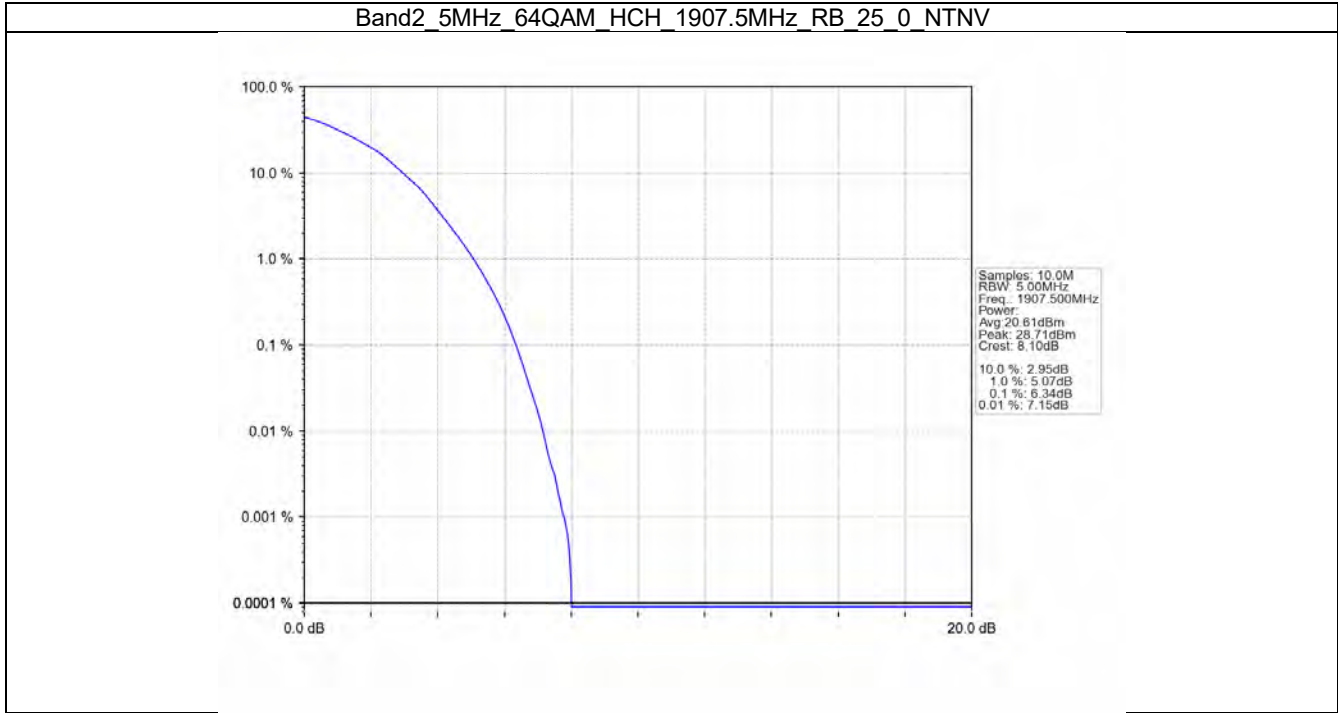
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## 5.4 B2\_10MHz

### 5.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.42	<=13	Pass
	1880	50	0	5.48	<=13	Pass
	1905	50	0	5.44	<=13	Pass
16QAM	1855	50	0	6.13	<=13	Pass
	1880	50	0	6.24	<=13	Pass
	1905	50	0	6.14	<=13	Pass
64QAM	1855	50	0	6.38	<=13	Pass
	1880	50	0	6.47	<=13	Pass
	1905	50	0	6.38	<=13	Pass



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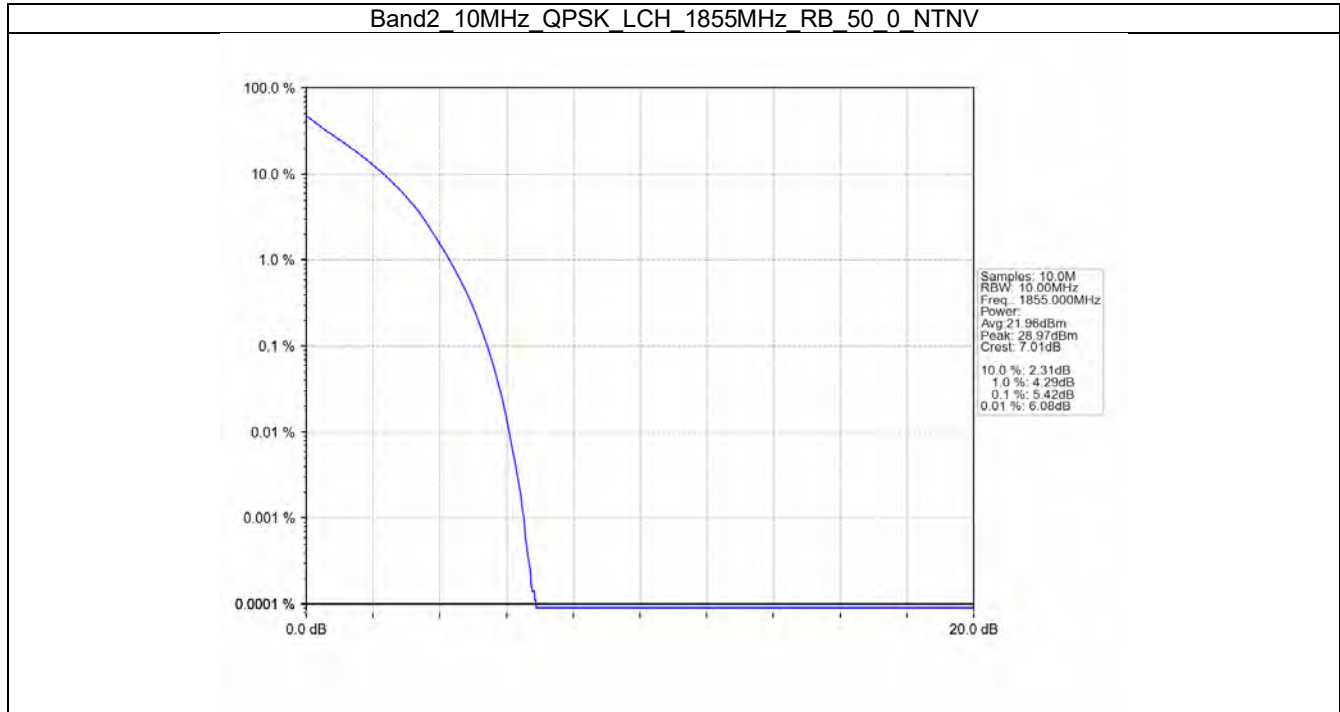
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5.4.2 Test Graph



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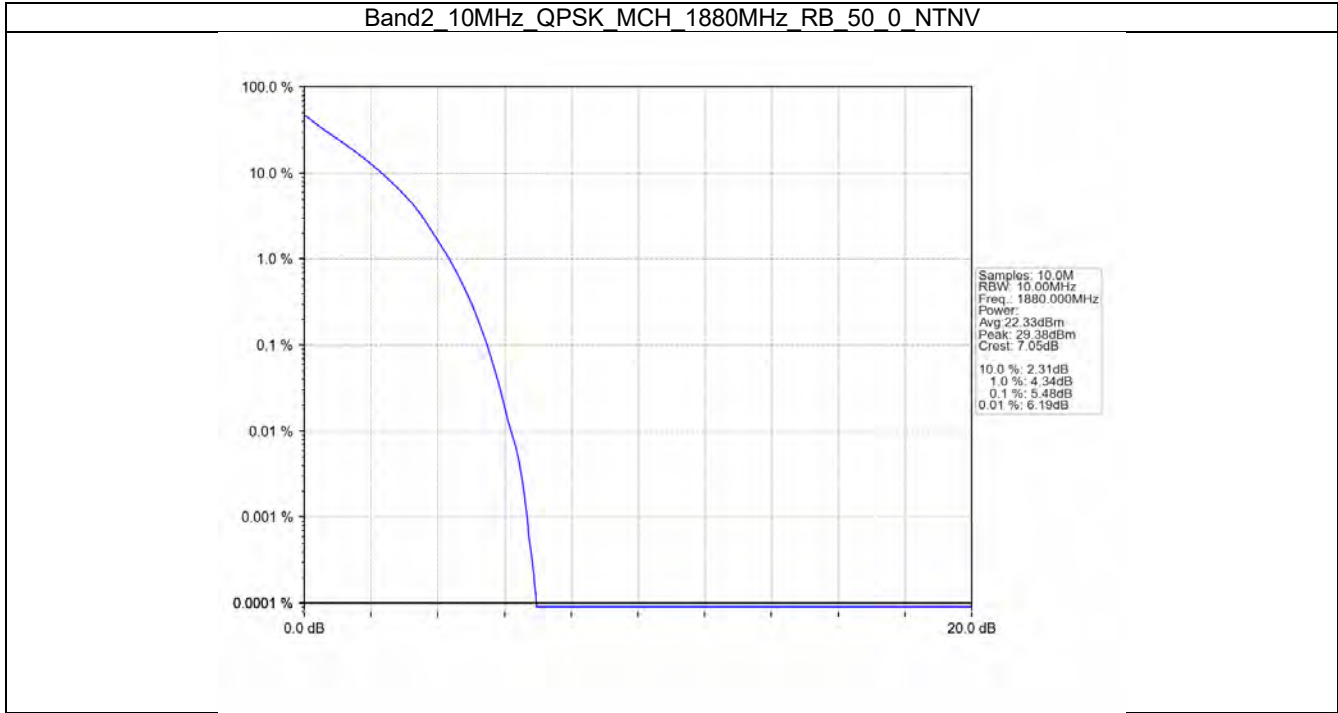
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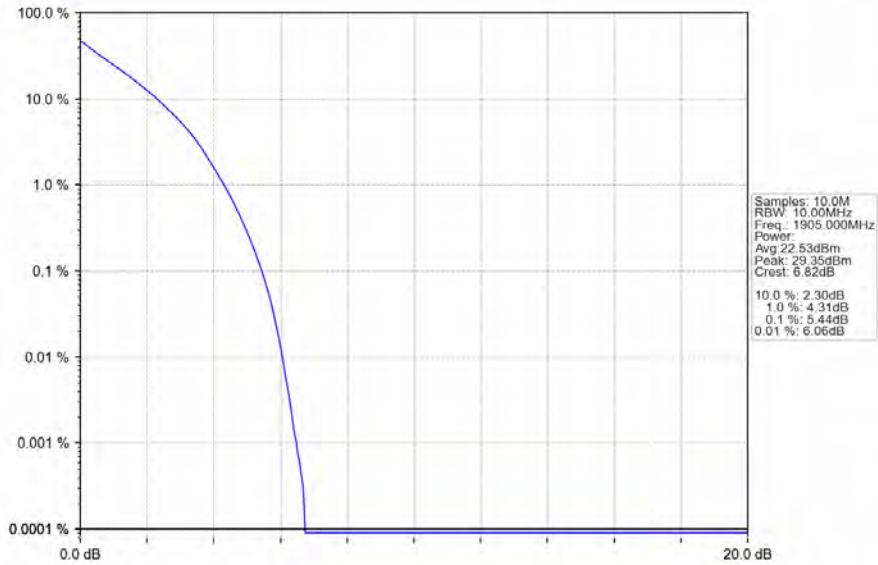
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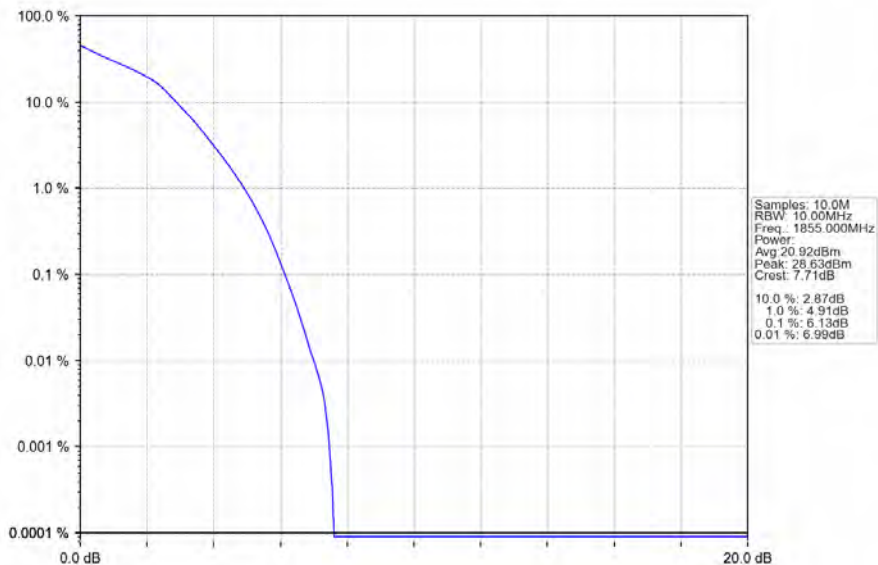
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Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



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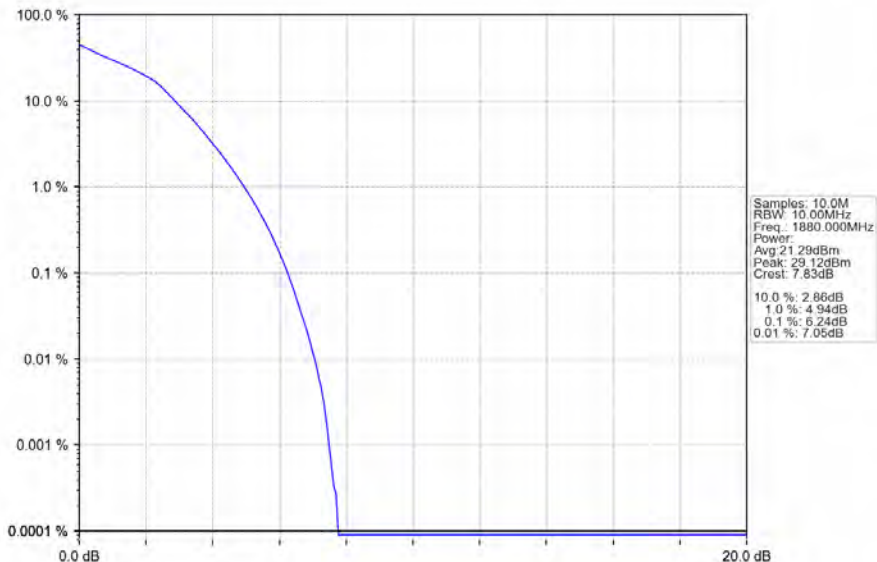
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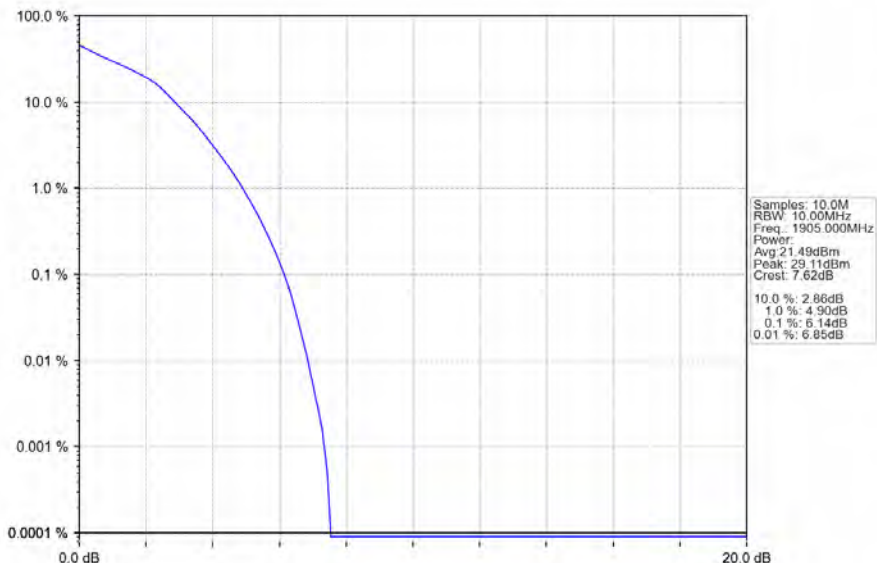
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Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



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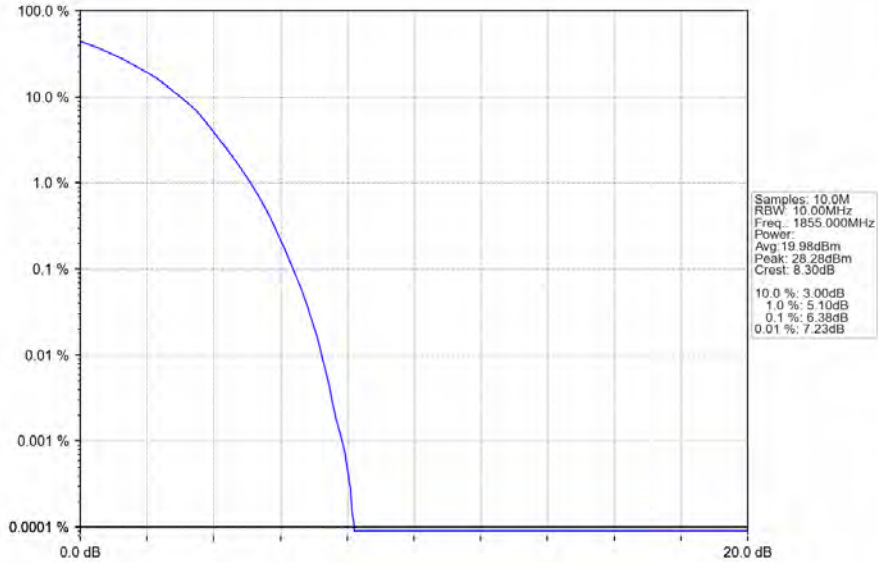
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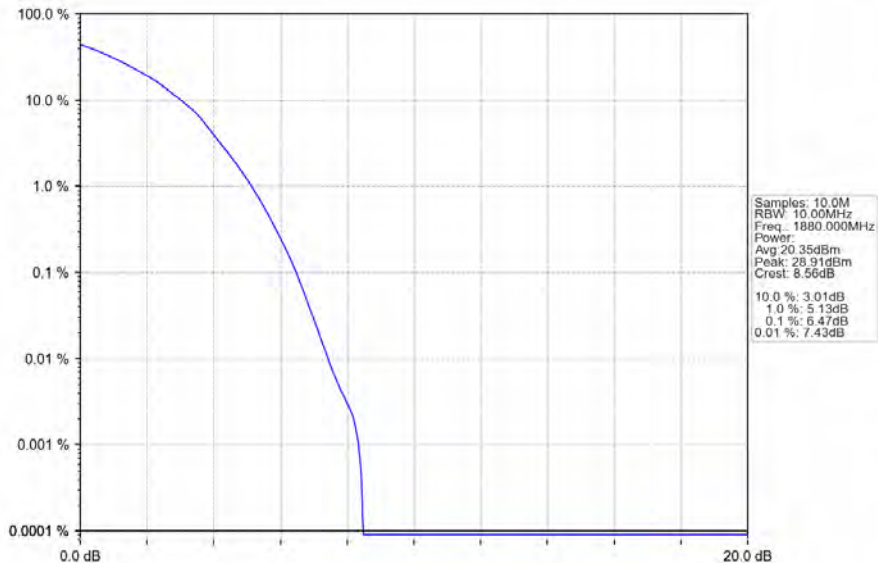
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Band2\_10MHz\_64QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_64QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



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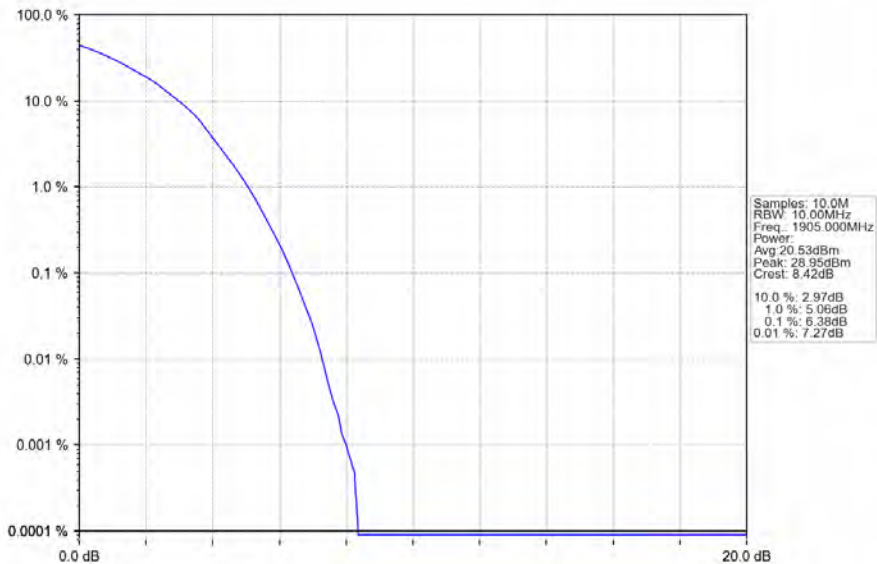
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## 5.5 B2\_15MHz

### 5.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.74	<=13	Pass
	1880	75	0	5.78	<=13	Pass
	1902.5	75	0	5.69	<=13	Pass
16QAM	1857.5	75	0	6.24	<=13	Pass
	1880	75	0	6.28	<=13	Pass
	1902.5	75	0	6.21	<=13	Pass
64QAM	1857.5	75	0	6.41	<=13	Pass
	1880	75	0	6.44	<=13	Pass
	1902.5	75	0	6.43	<=13	Pass



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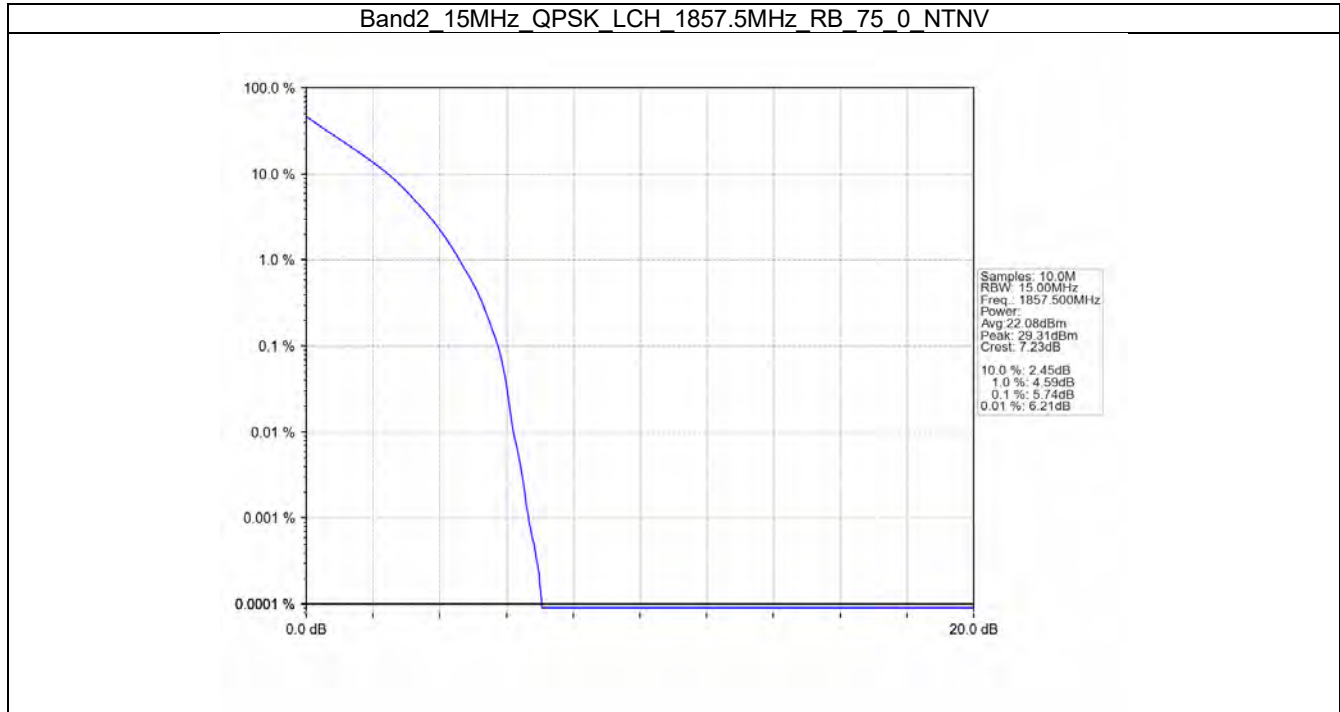
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5.5.2 Test Graph



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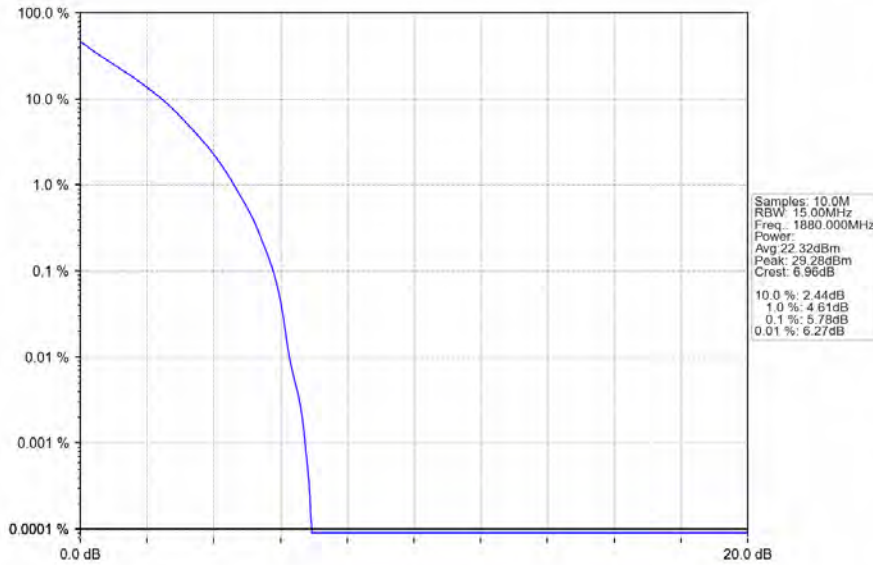
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Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



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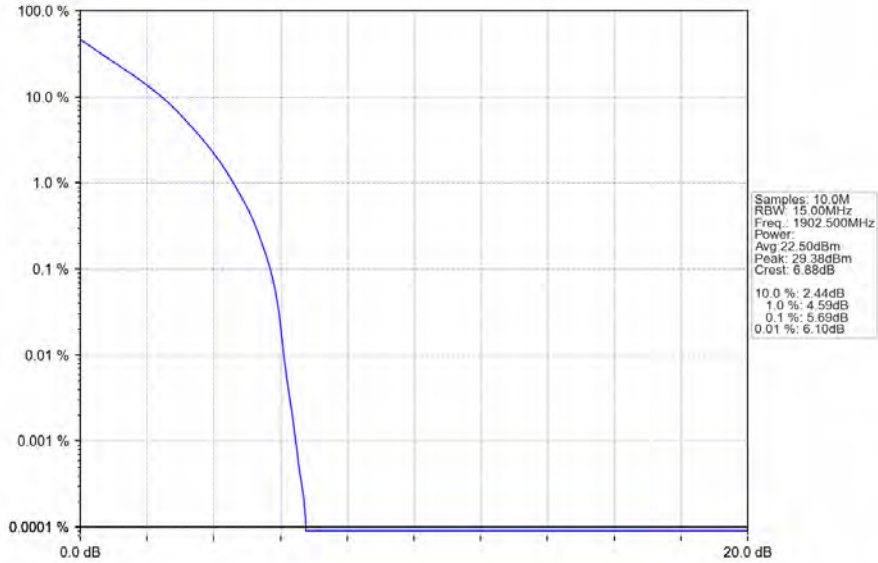




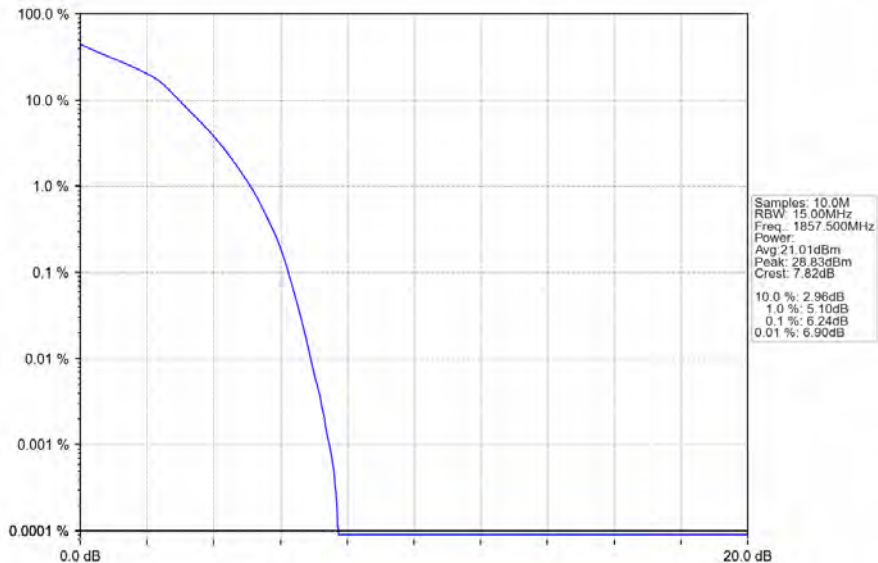
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Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



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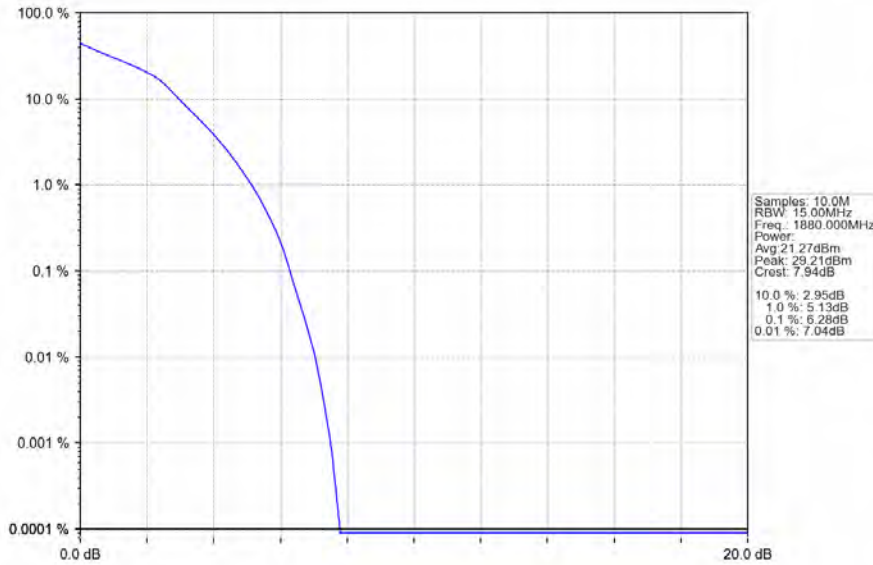
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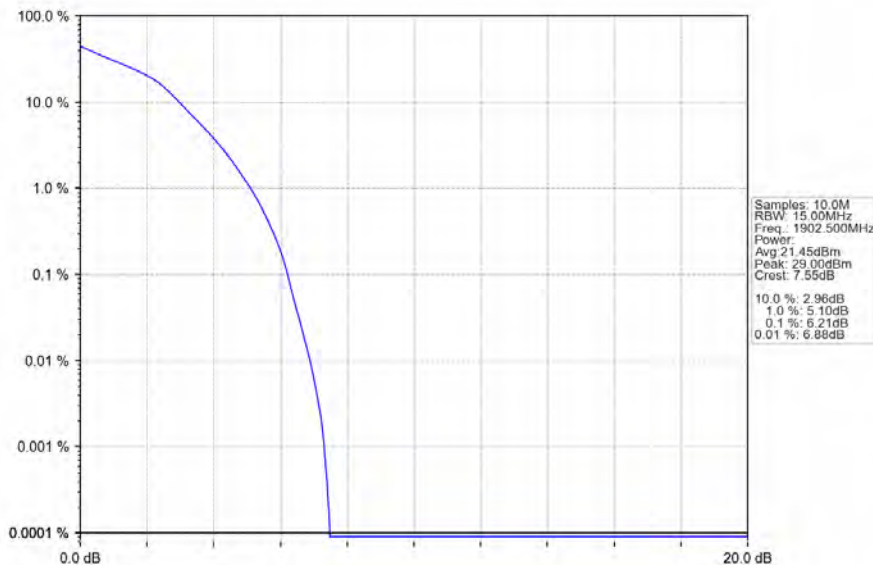
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Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



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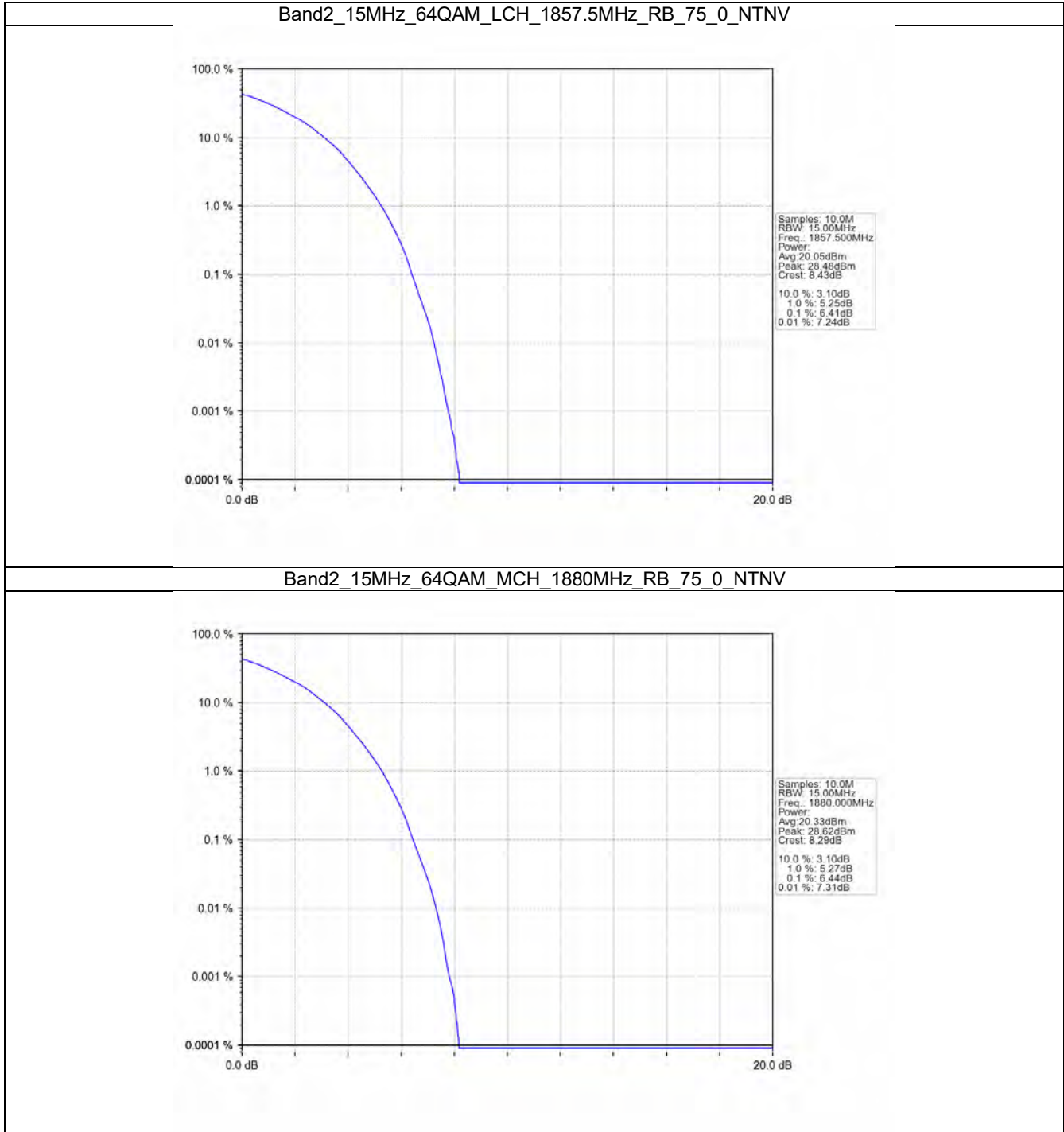
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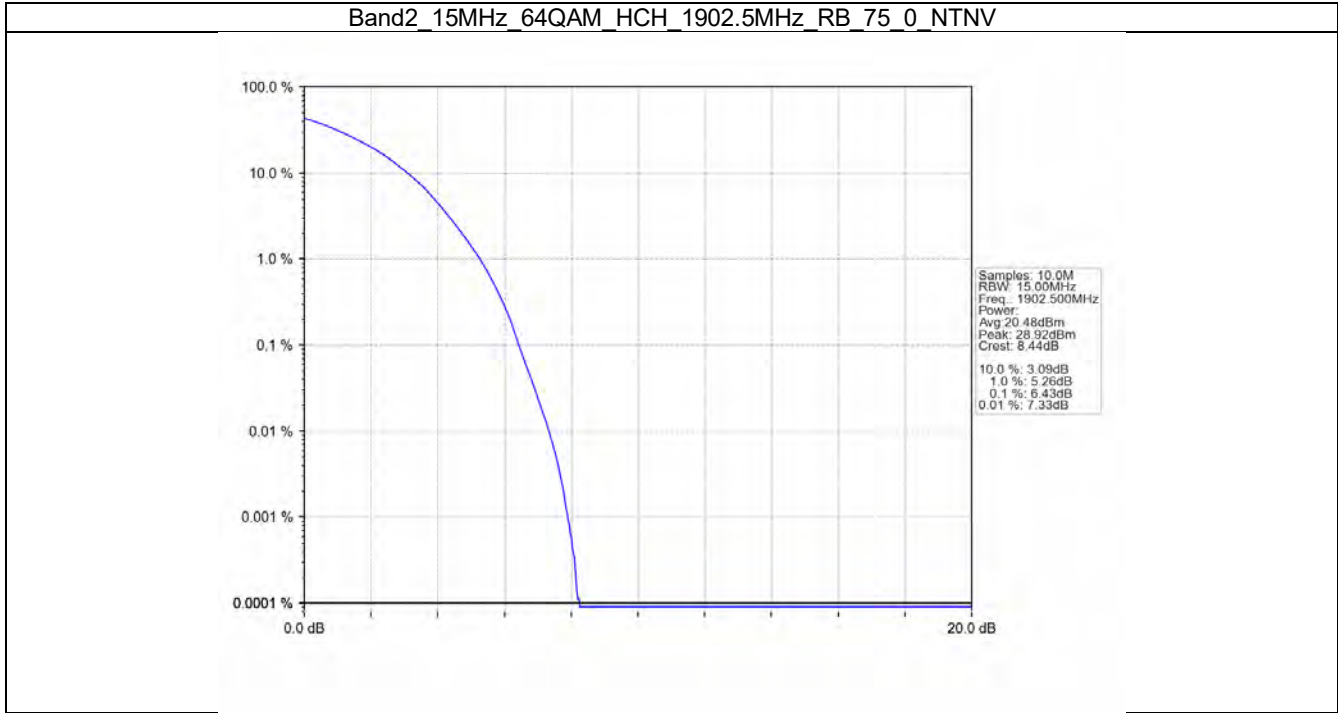
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## 5.6 B2\_20MHz

### 5.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.47	<=13	Pass
	1880	100	0	5.43	<=13	Pass
	1900	100	0	5.44	<=13	Pass
16QAM	1860	100	0	6.21	<=13	Pass
	1880	100	0	6.19	<=13	Pass
	1900	100	0	6.14	<=13	Pass
64QAM	1860	100	0	6.46	<=13	Pass
	1880	100	0	6.41	<=13	Pass
	1900	100	0	6.39	<=13	Pass



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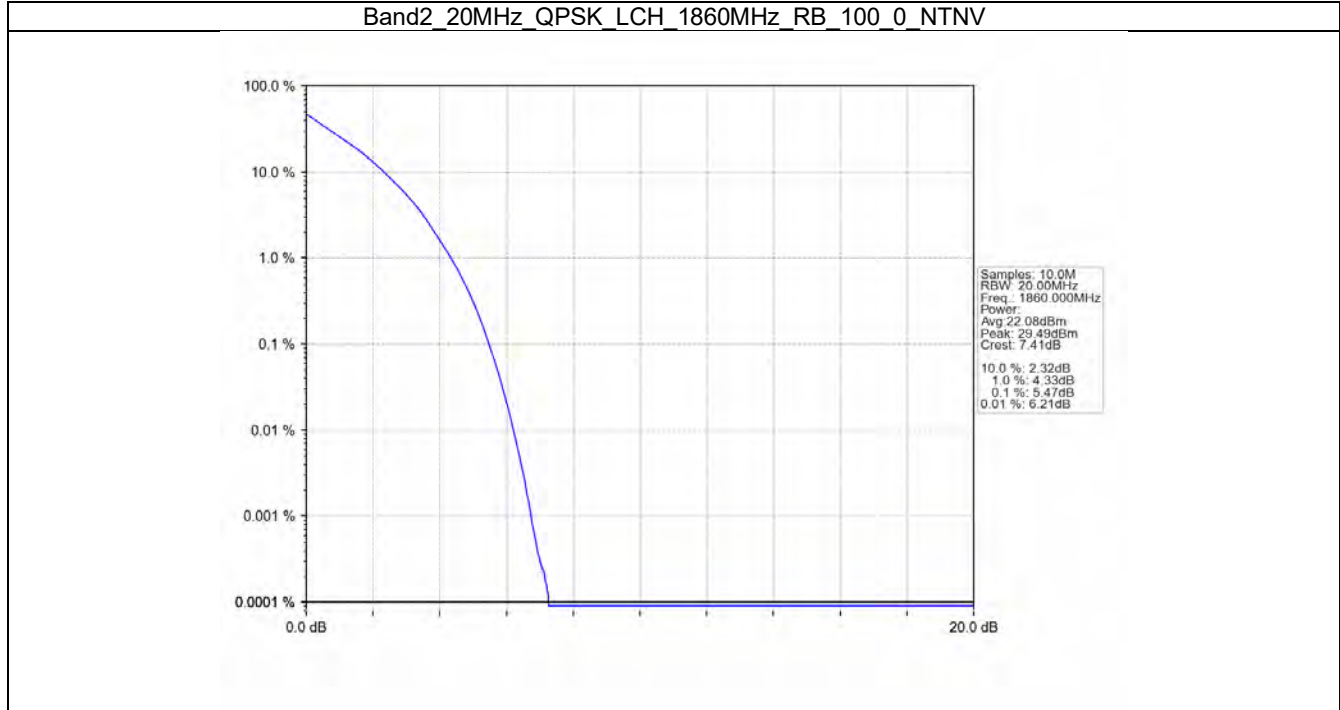
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5.6.2 Test Graph



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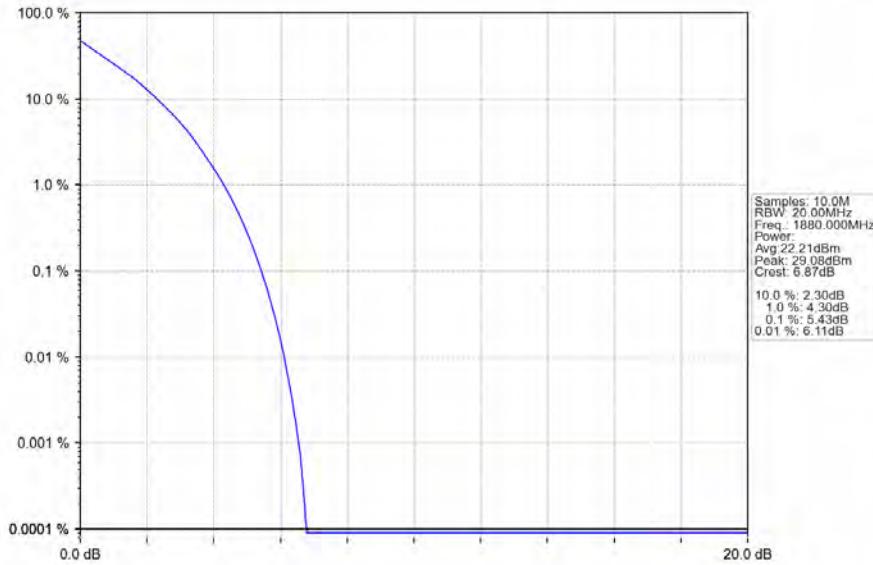
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Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV



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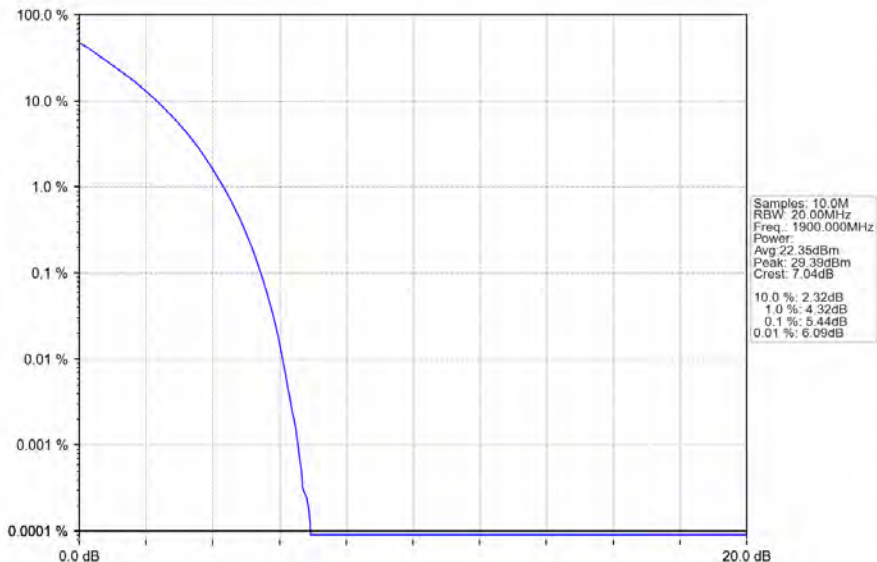
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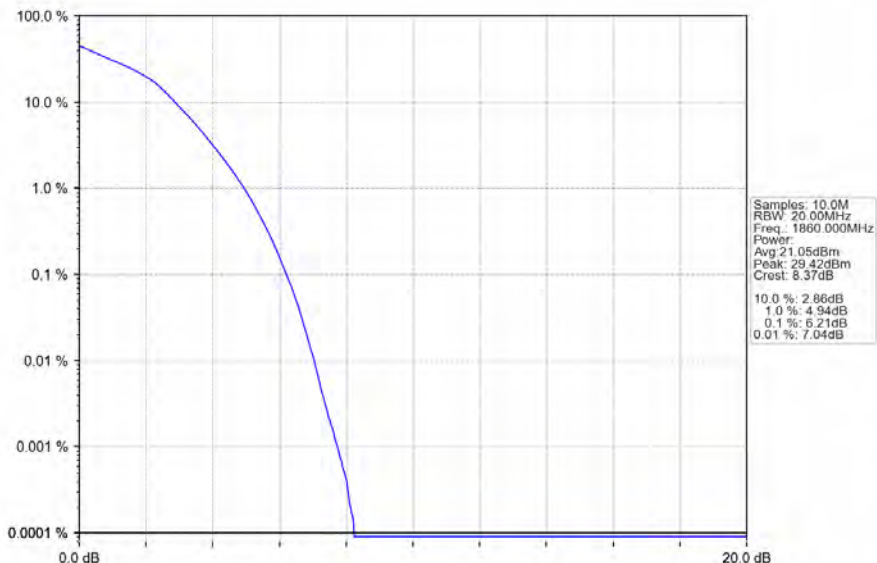
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Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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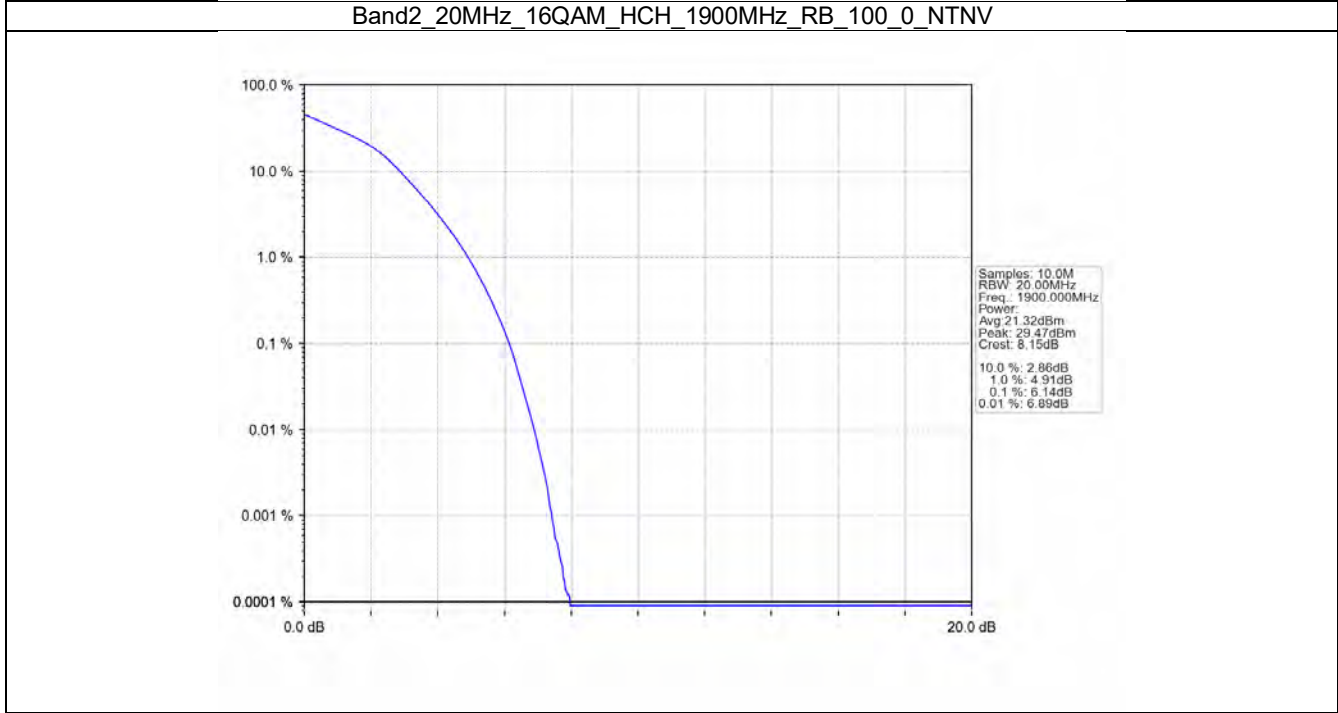
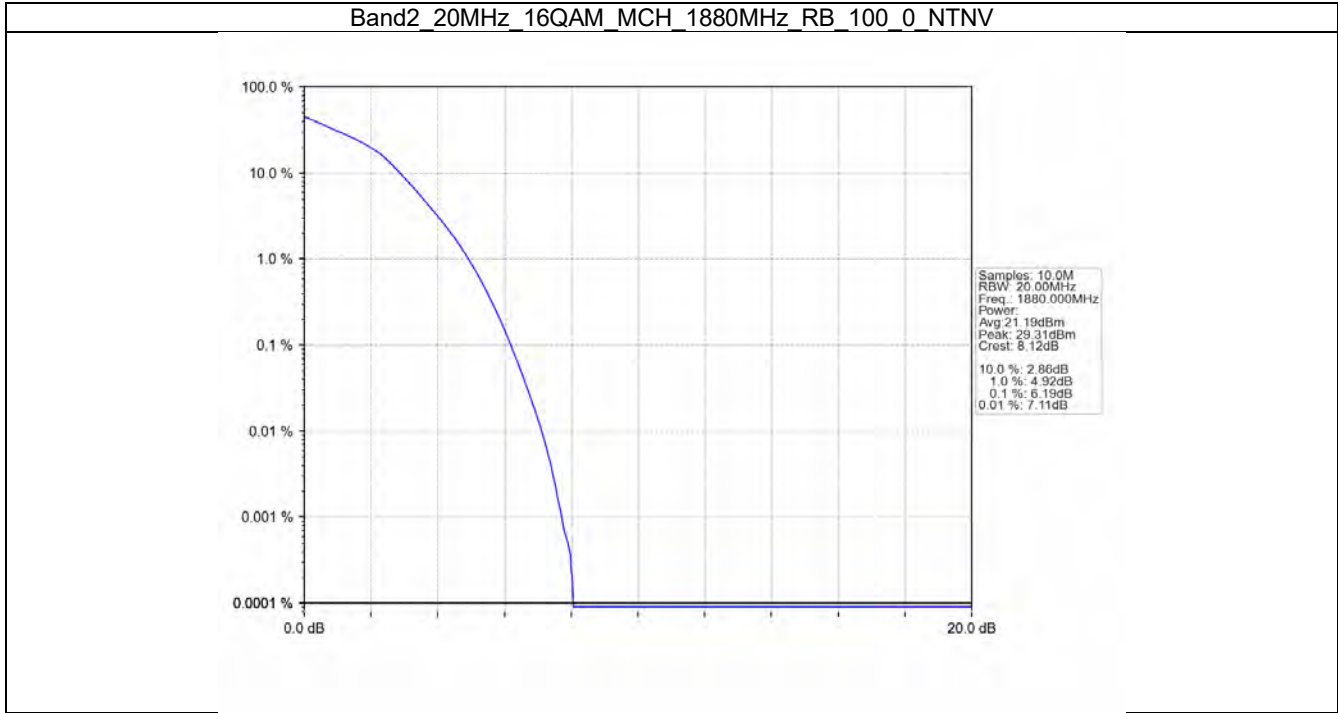
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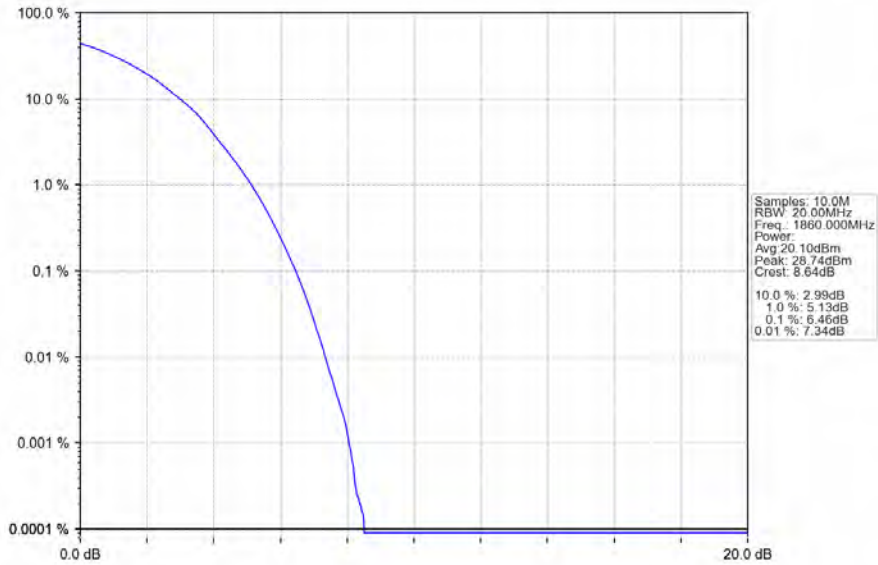
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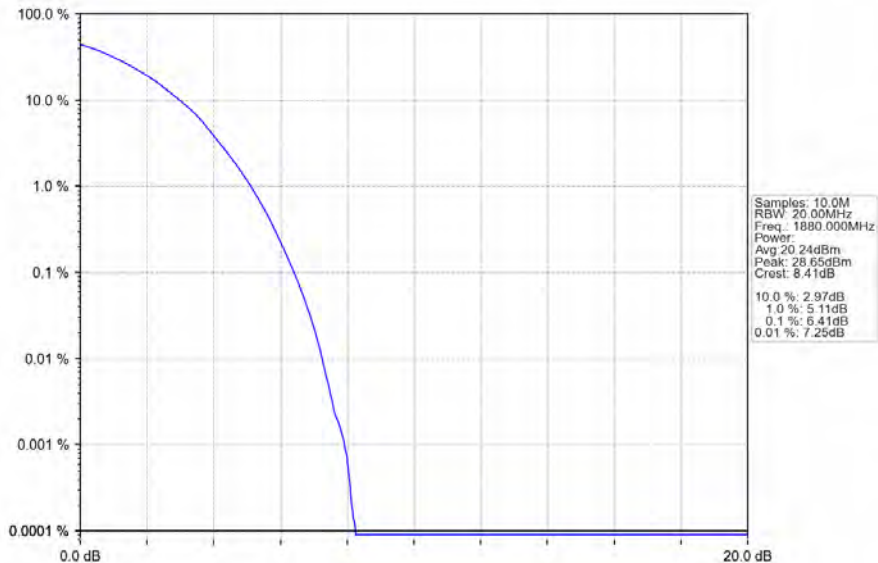
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Band2\_20MHz\_64QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



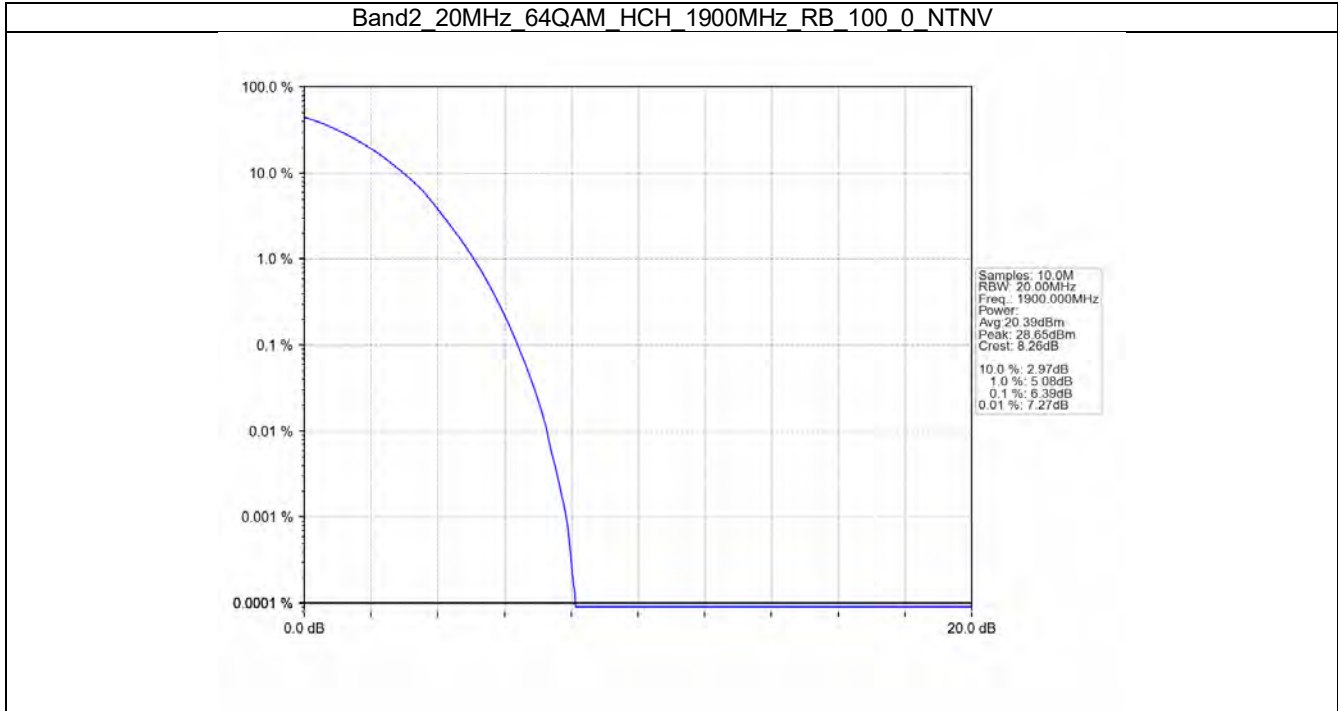
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## 6. Spurious Emission & Band Edge

### 6.1 B2\_1.4MHz

#### 6.1.1 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	
	1909.3	1	0	Refer To Test Graph	Pass	
			5	Refer To Test Graph	Pass	
		6	0	Refer To Test Graph	Pass	
16QAM	1850.7	1	0	Refer To Test Graph	Pass	
		6	0	Refer To Test Graph	Pass	
	1880	1	0	Refer To Test Graph	Pass	
	1909.3	1	0	Refer To Test Graph	Pass	
			5	Refer To Test Graph	Pass	
		6	0	Refer To Test Graph	Pass	
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	
	1909.3	1	0	Refer To Test Graph	Pass	
			5	Refer To Test Graph	Pass	
		6	0	Refer To Test Graph	Pass	



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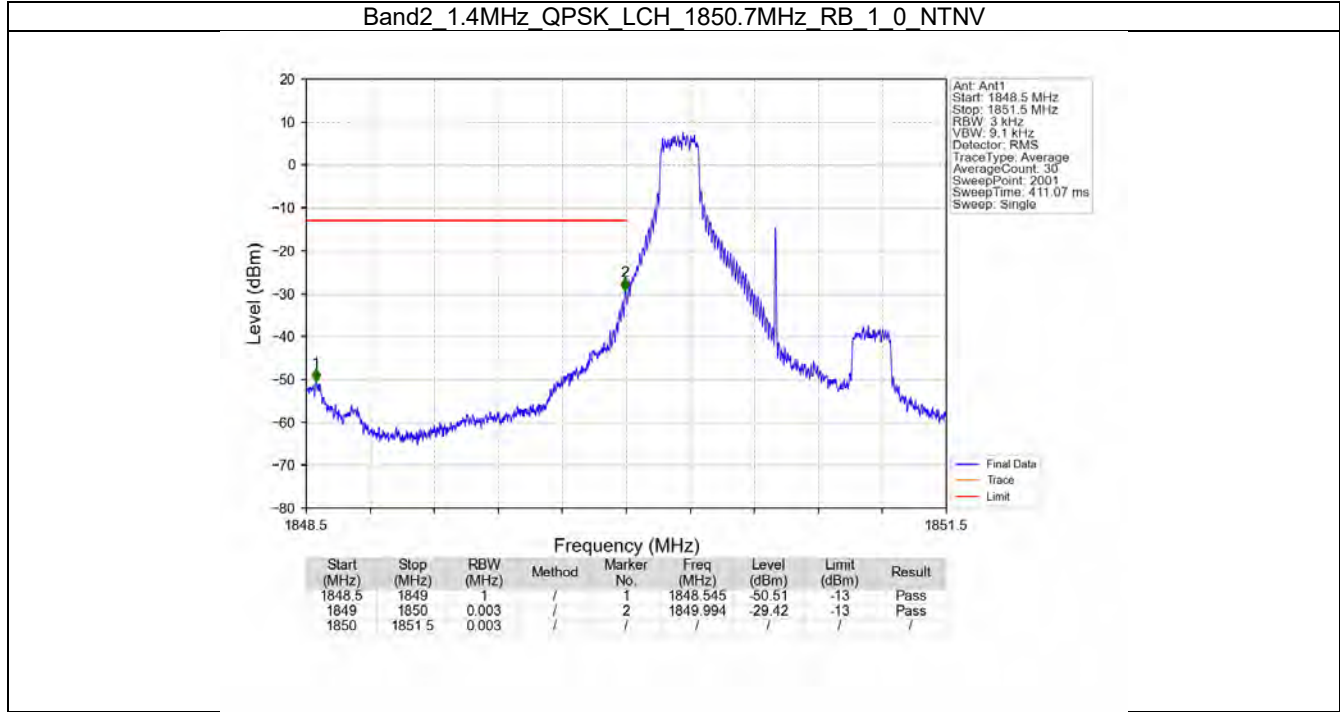
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6.1.2 Test Graph



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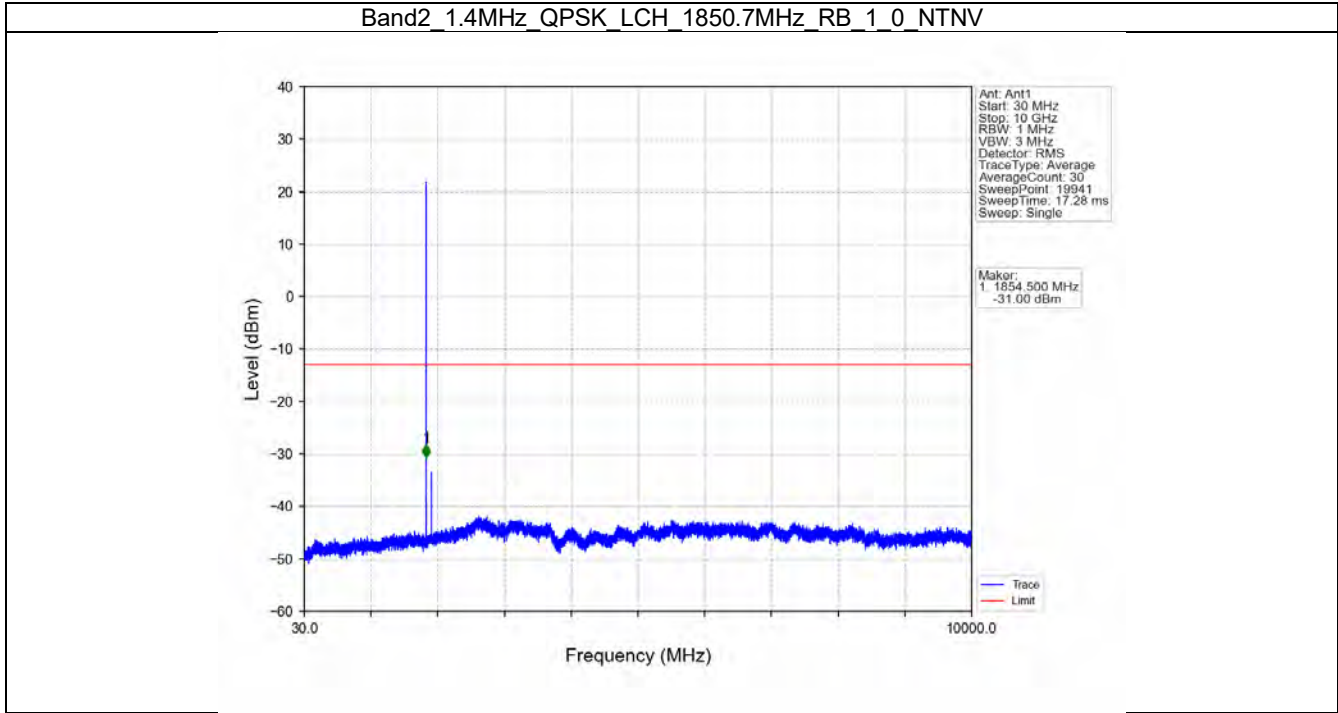
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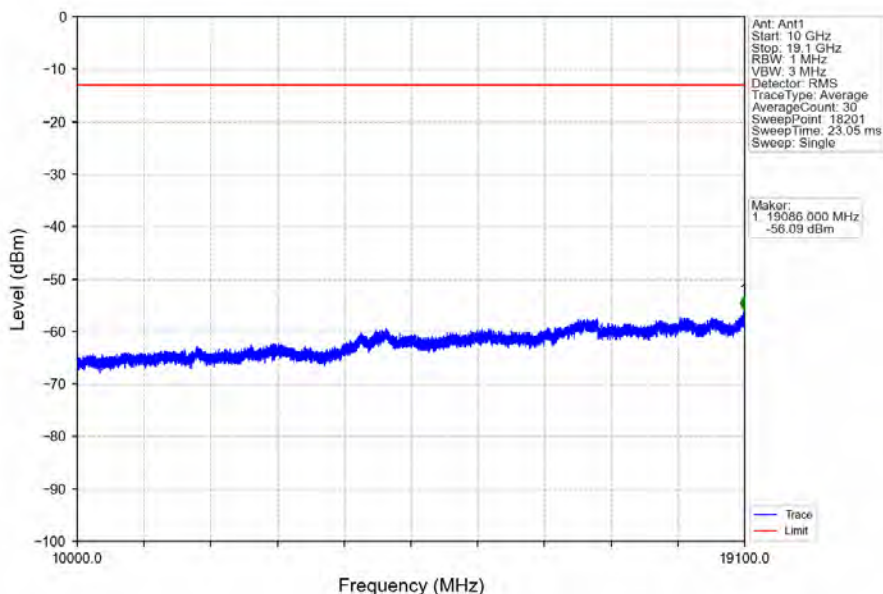
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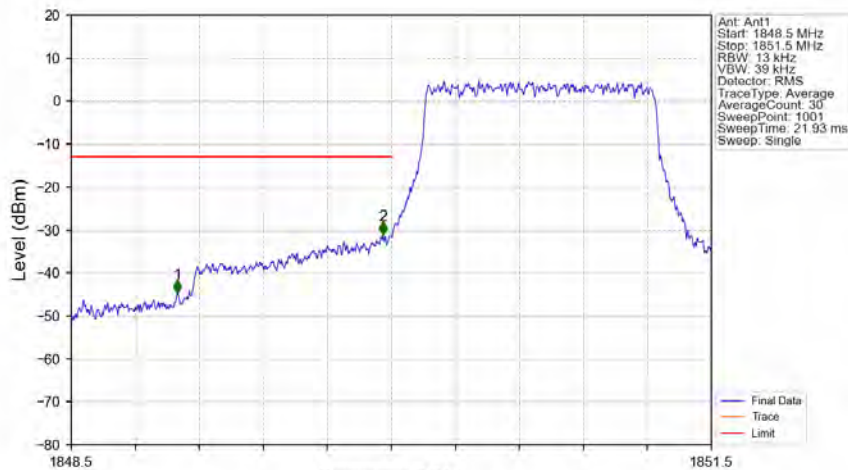
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Band2\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



Band2\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.998	-44.68	-13	Pass
1849	1850	0.013	/	2	1849.961	-31.22	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/



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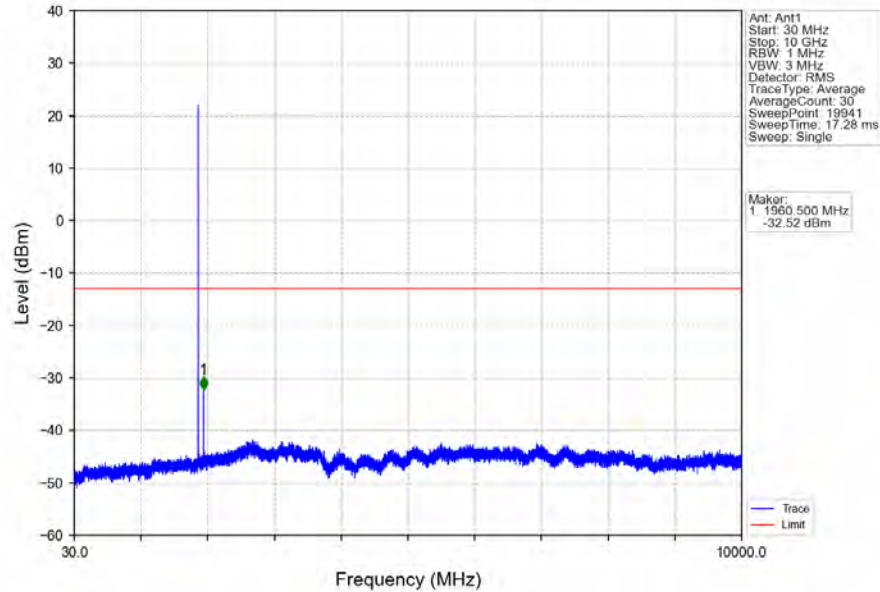
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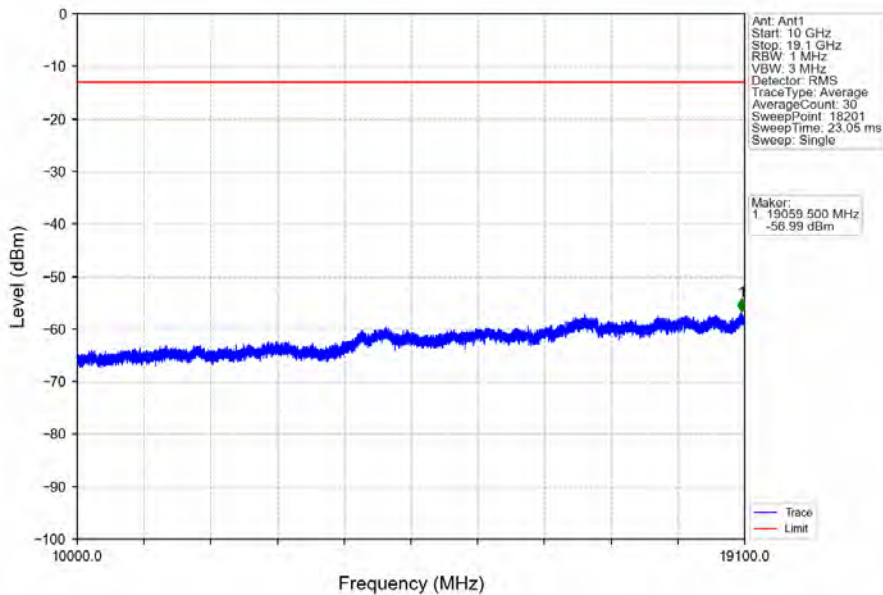
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Band2\_1.4MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



Band2\_1.4MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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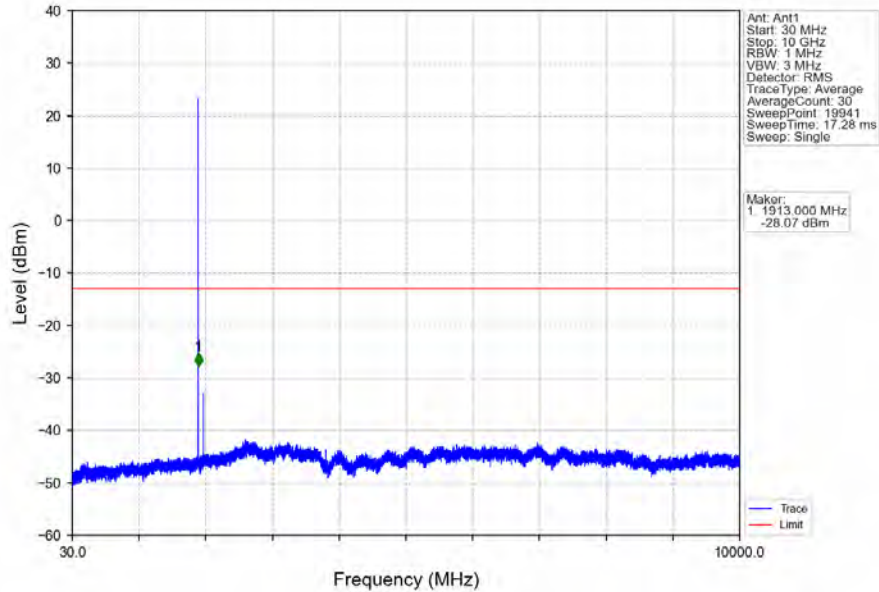




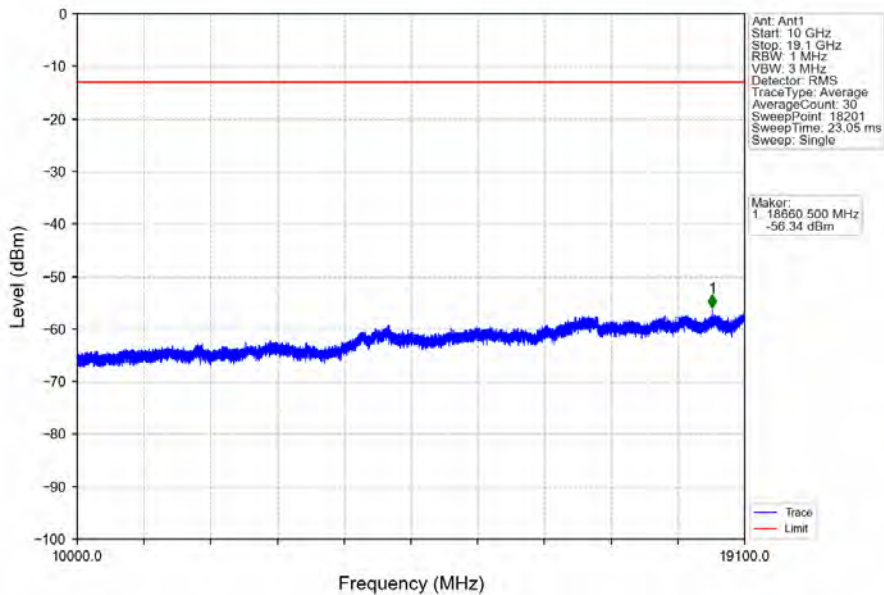
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Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



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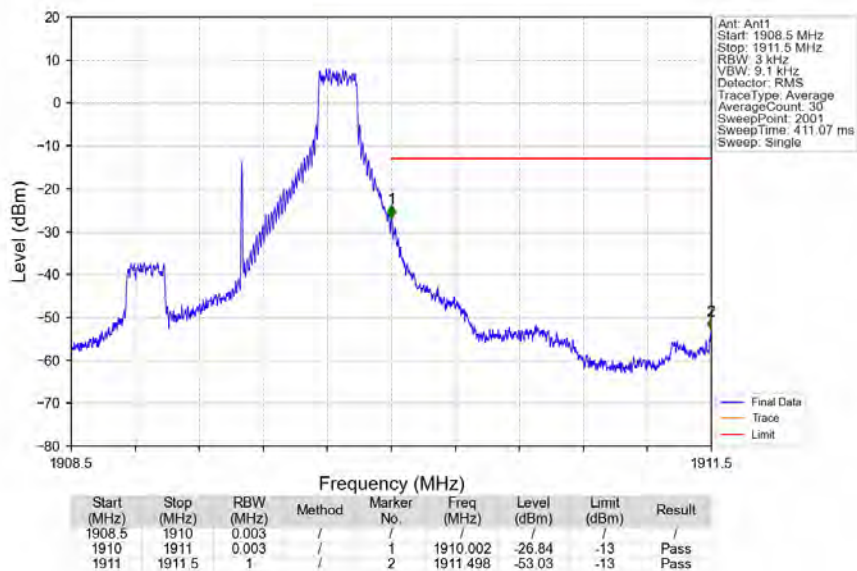
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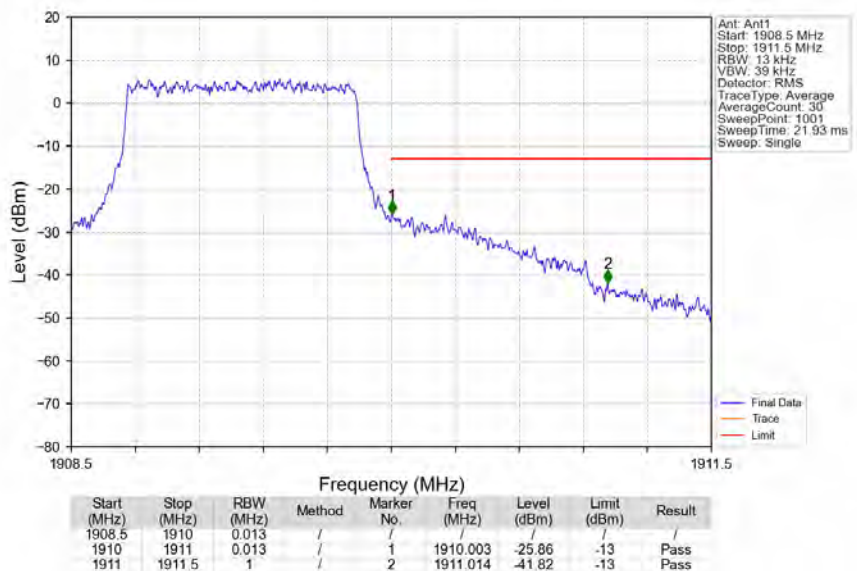
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Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_5\_NTNV



Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



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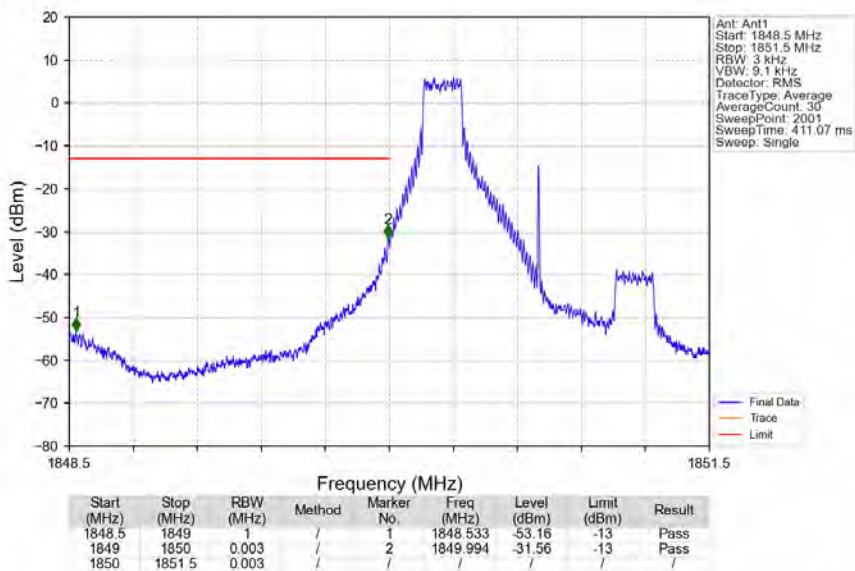
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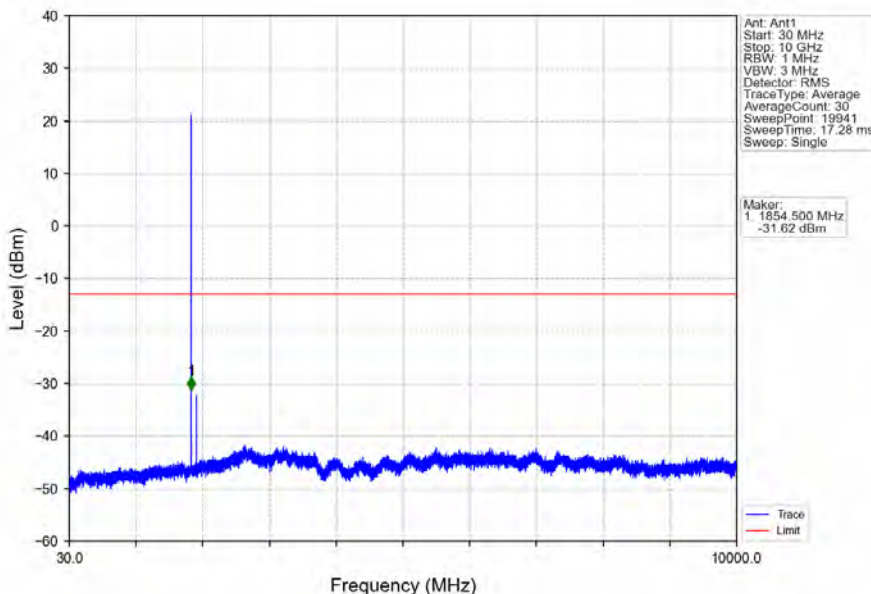
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Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



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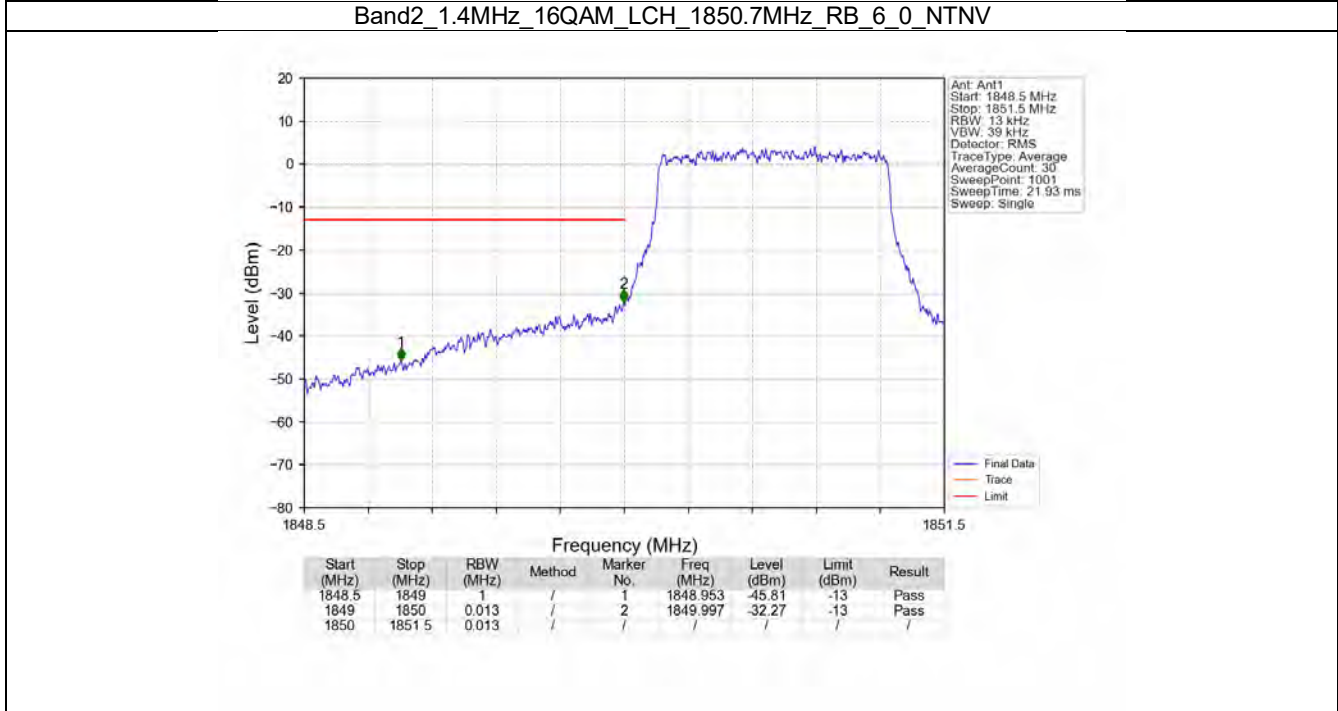
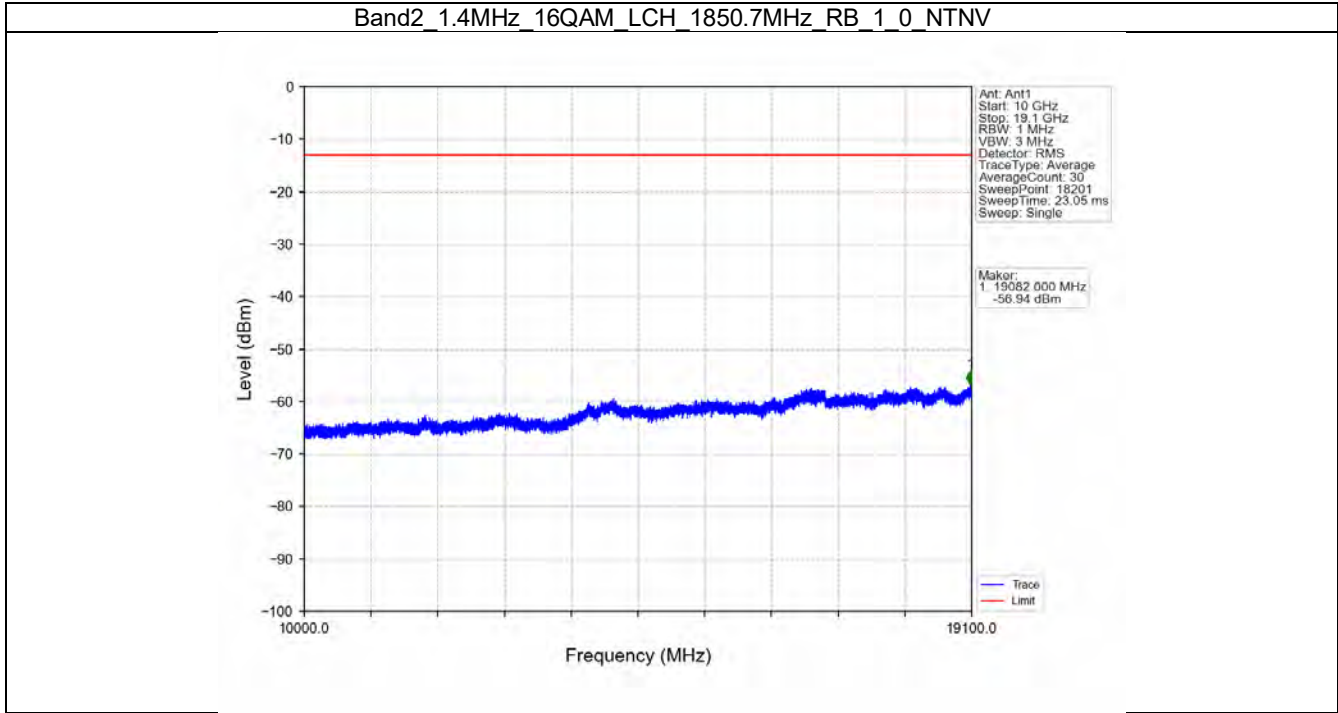
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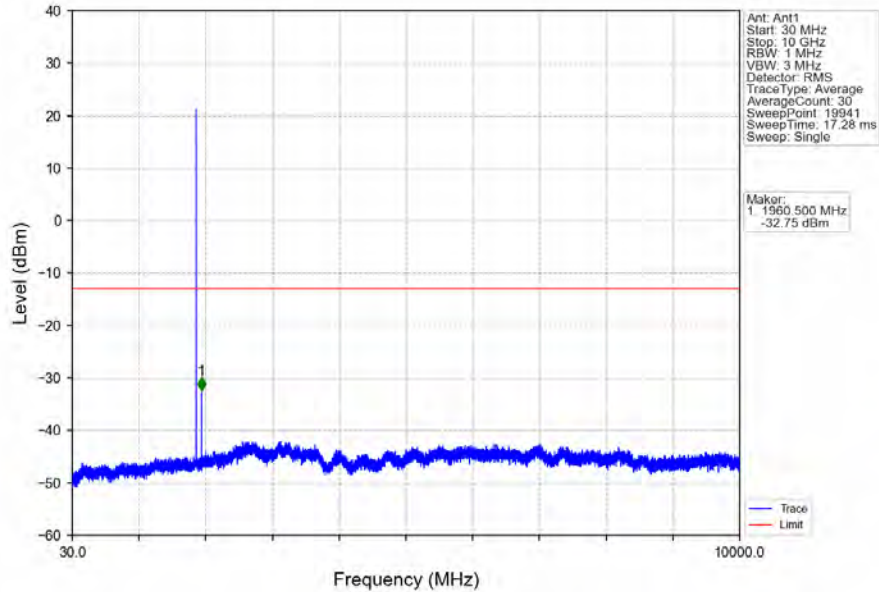
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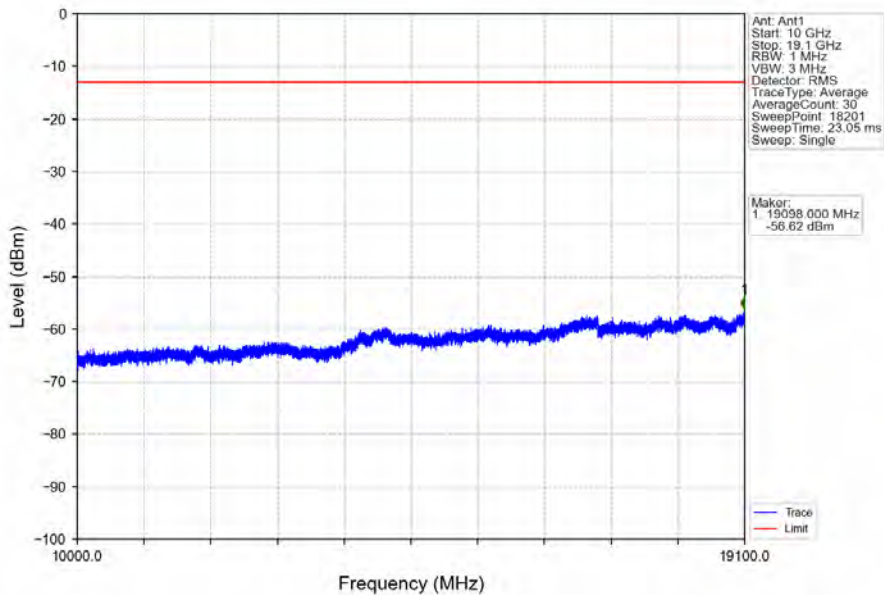
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Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTV



Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTV



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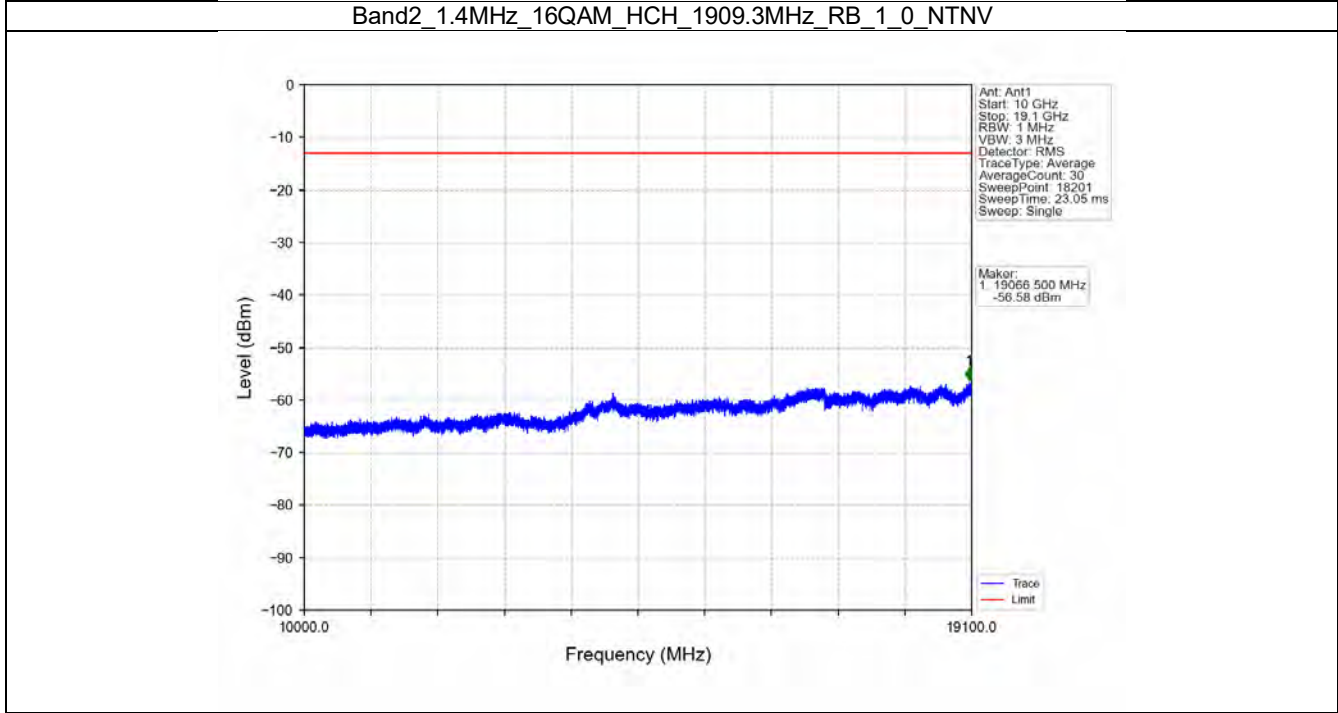
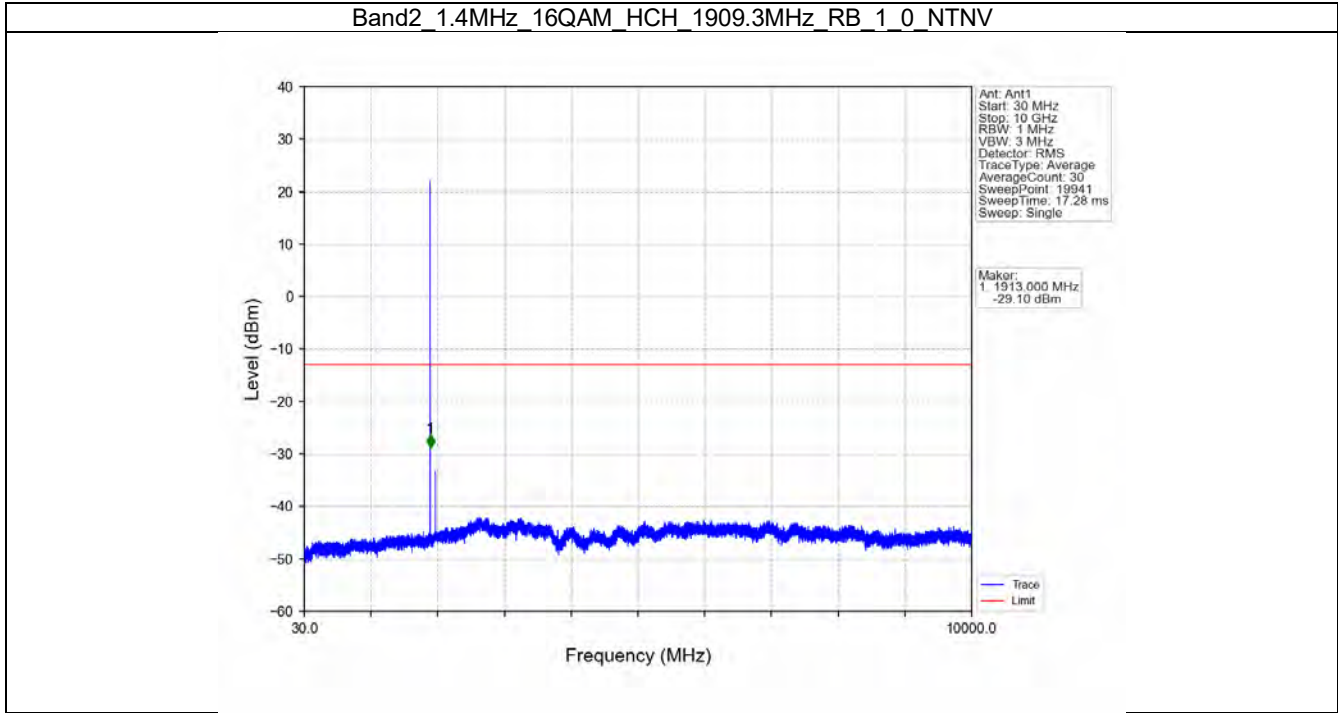
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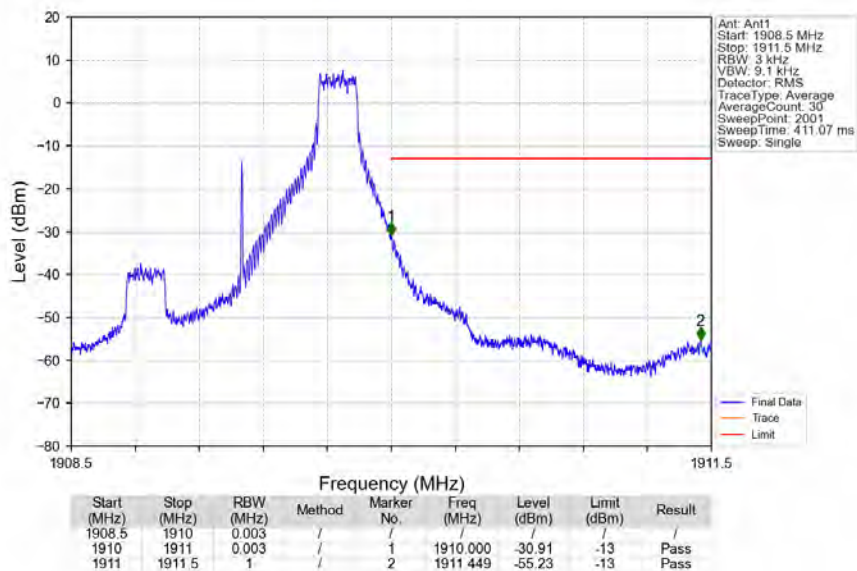
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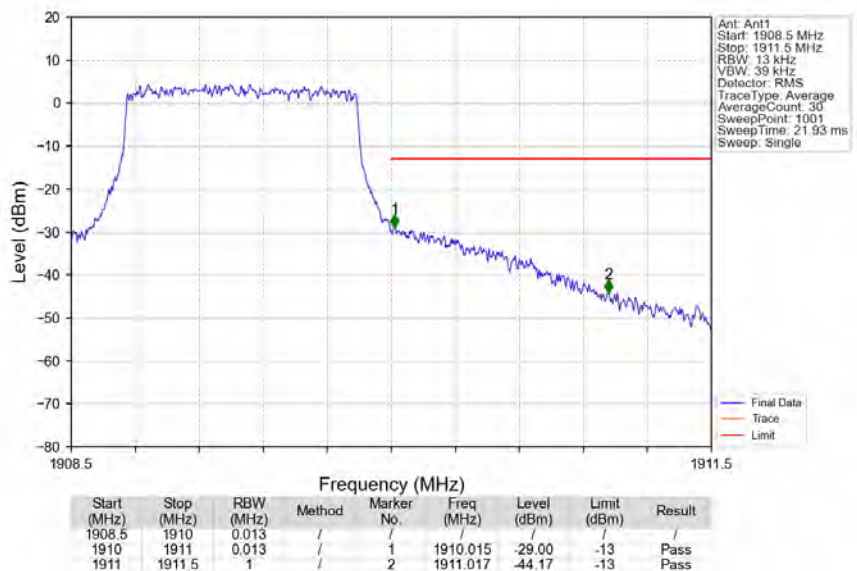
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Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_1\_5\_NTNV



Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



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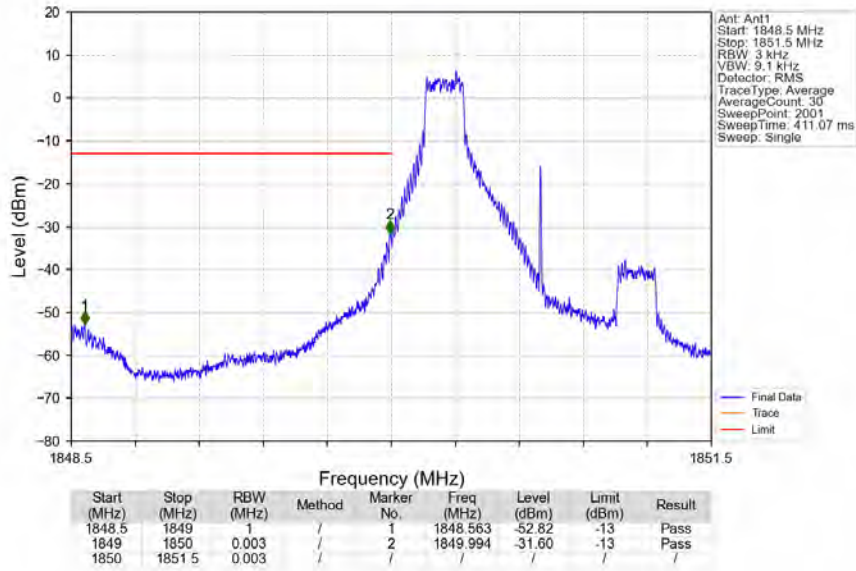
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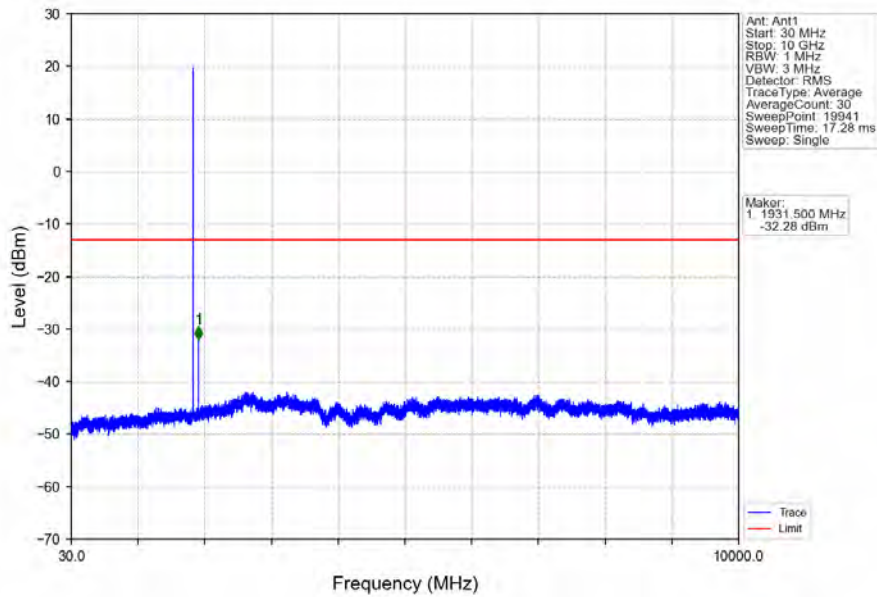
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Band2\_1.4MHz\_64QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



Band2\_1.4MHz\_64QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



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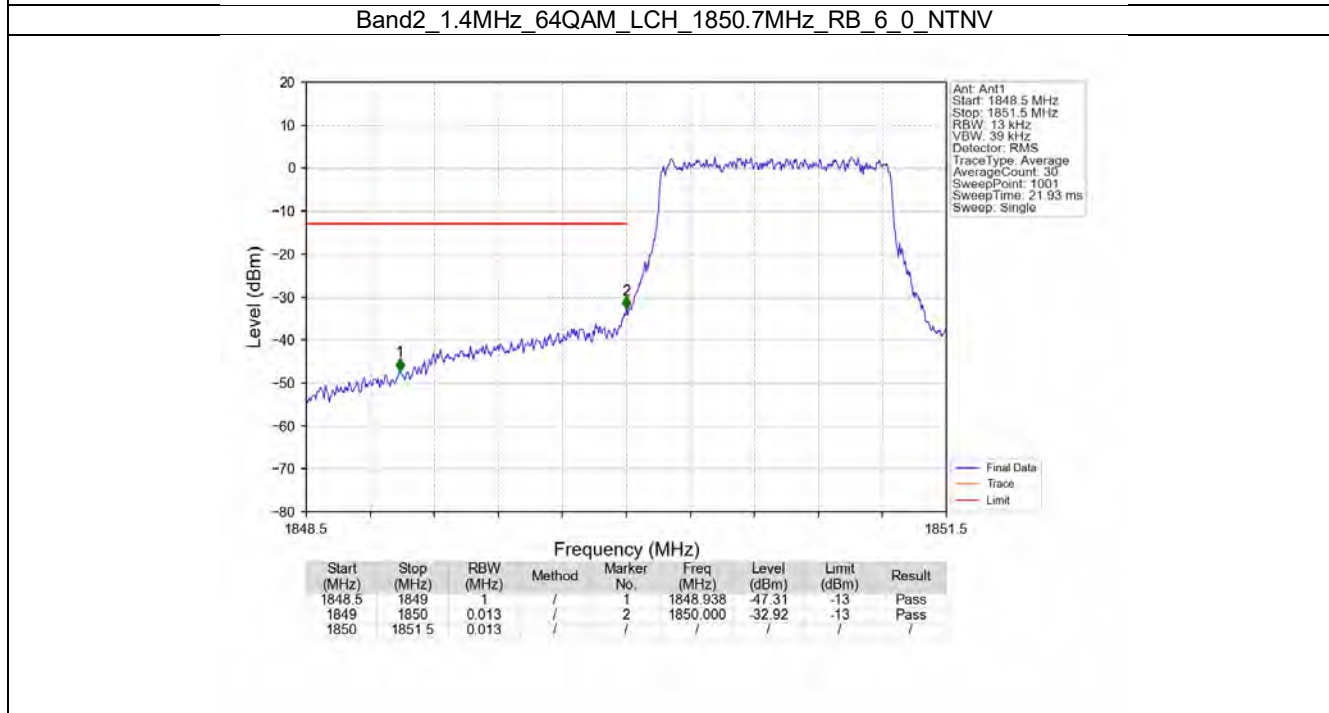
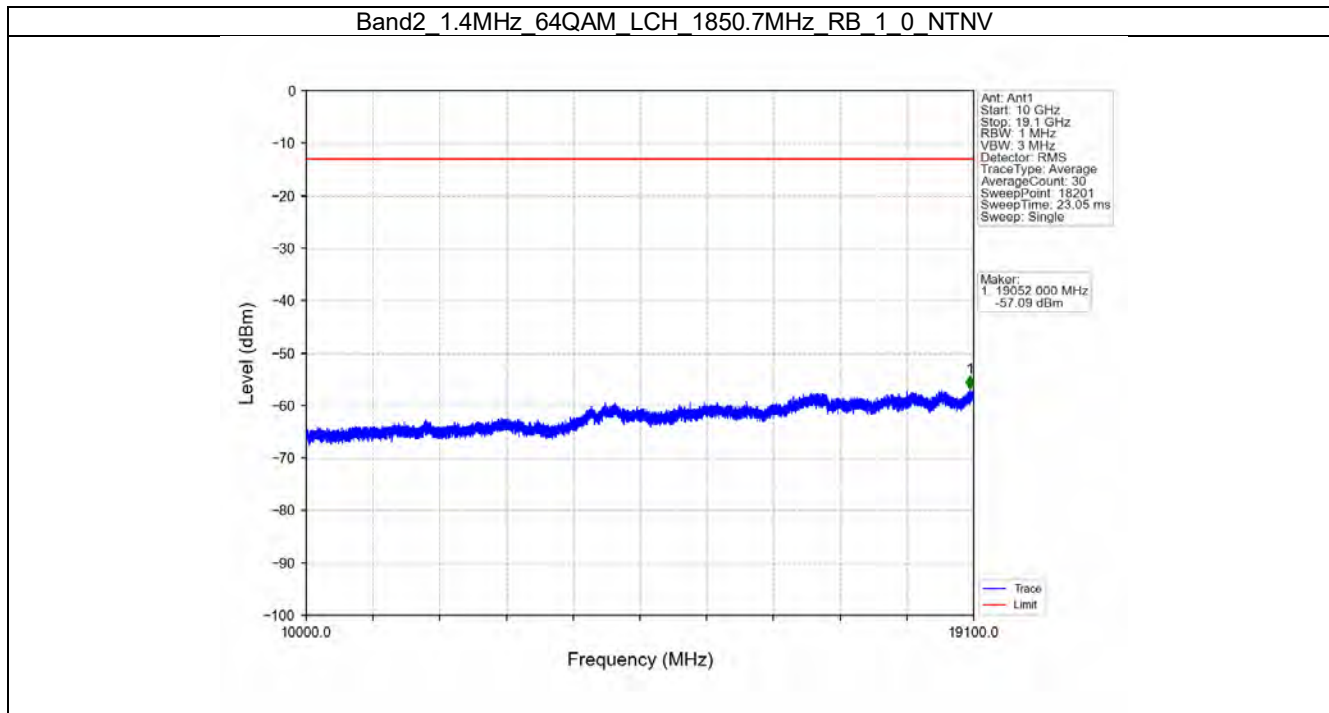
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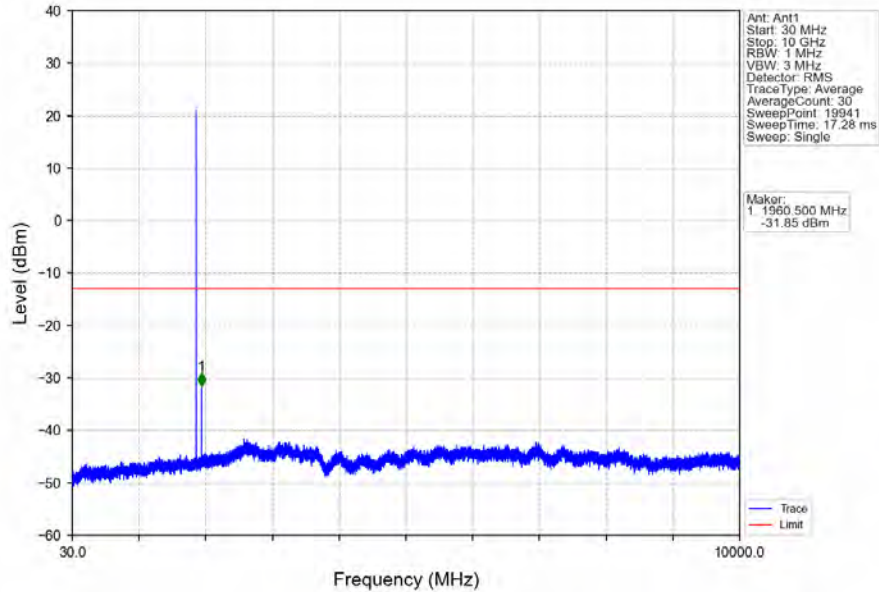
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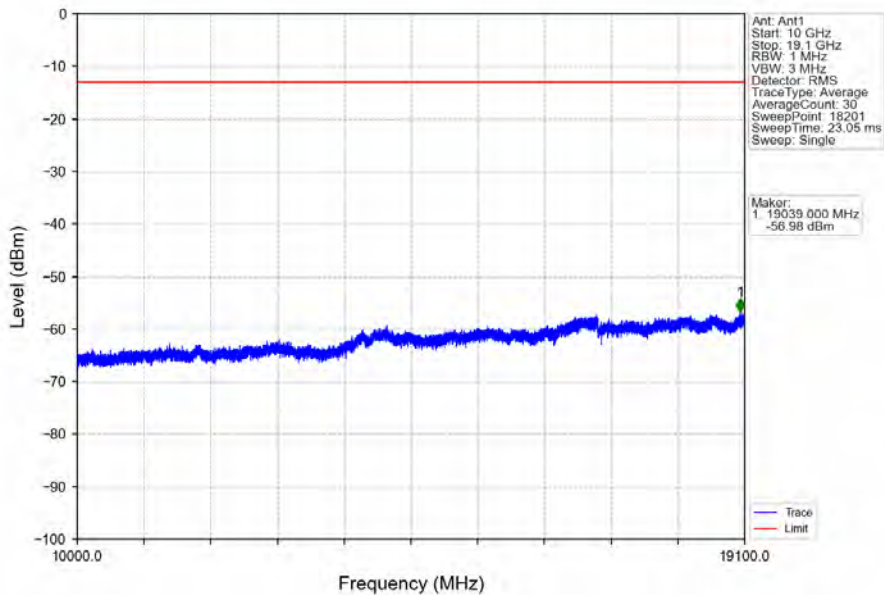
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Band2\_1.4MHz\_64QAM\_MCH\_1880MHz\_RB\_1\_0\_NTV



Band2\_1.4MHz\_64QAM\_MCH\_1880MHz\_RB\_1\_0\_NTV



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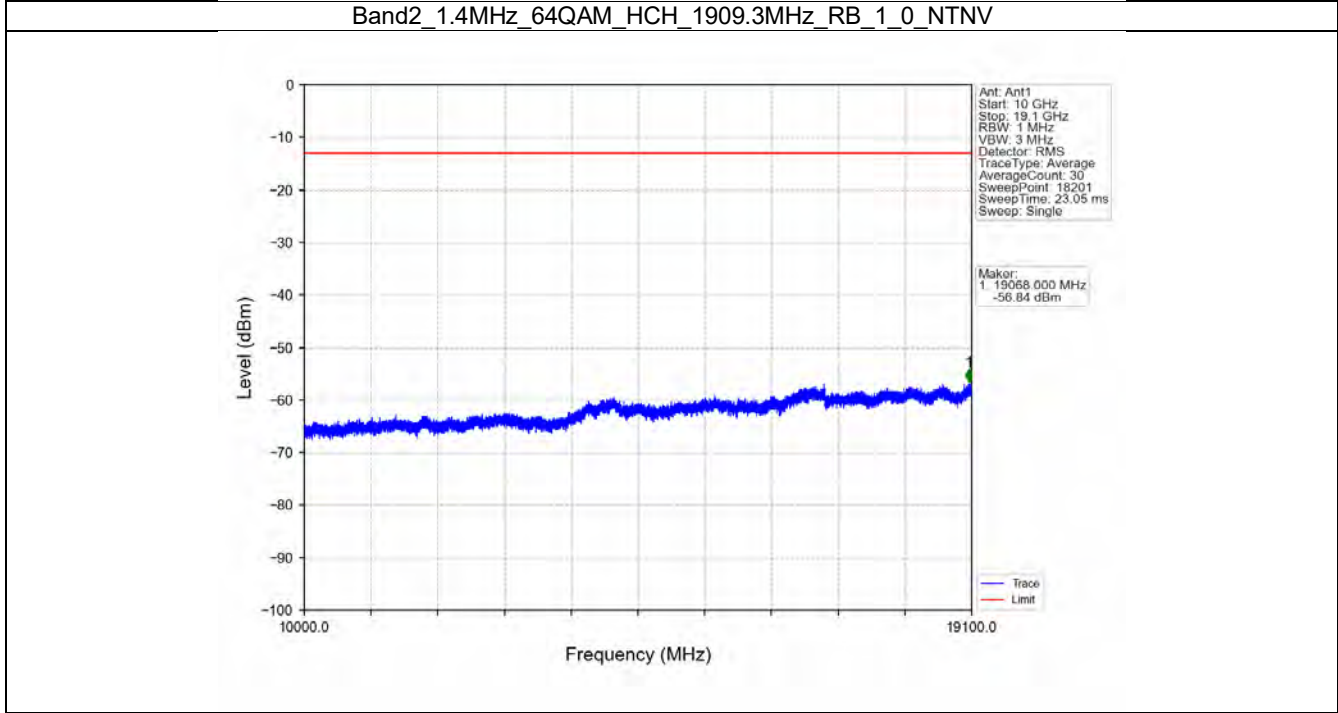
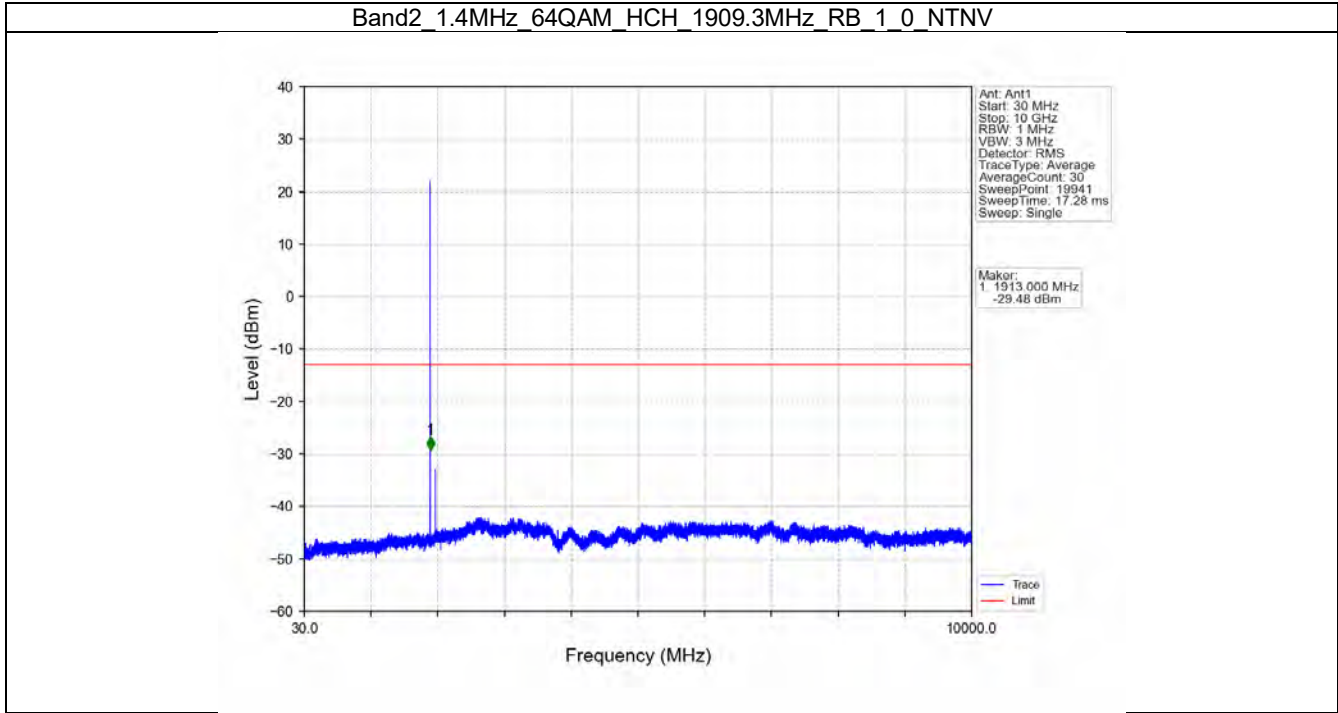
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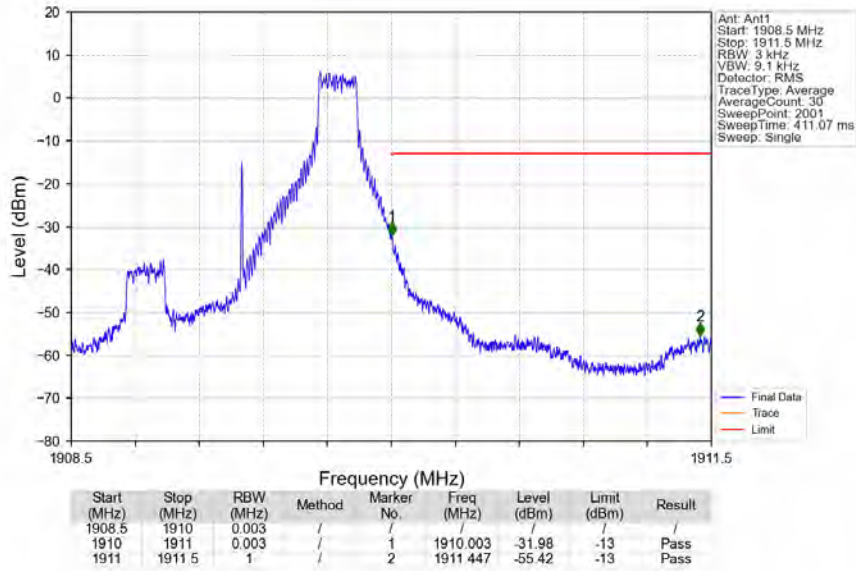
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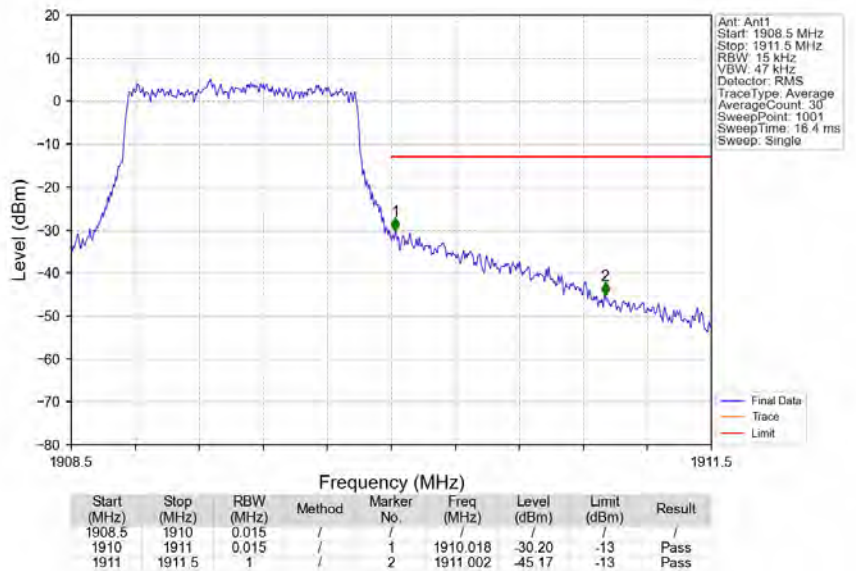
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Band2\_1.4MHz\_64QAM\_HCH\_1909.3MHz\_RB\_1\_5\_NTNV



Band2\_1.4MHz\_64QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



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## 6.2 B2\_3MHz

### 6.2.1 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	1880	1	0	Refer To Test Graph	Pass
			1	14	Refer To Test Graph	Pass
		1908.5	1	0	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	
	1908.5	1880	1	0	Refer To Test Graph	Pass
			1	14	Refer To Test Graph	Pass
		1908.5	1	0	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	
	1908.5	1880	1	0	Refer To Test Graph	Pass
			1	14	Refer To Test Graph	Pass
		1908.5	1	0	Refer To Test Graph	Pass
			15	0	Refer To Test Graph	Pass



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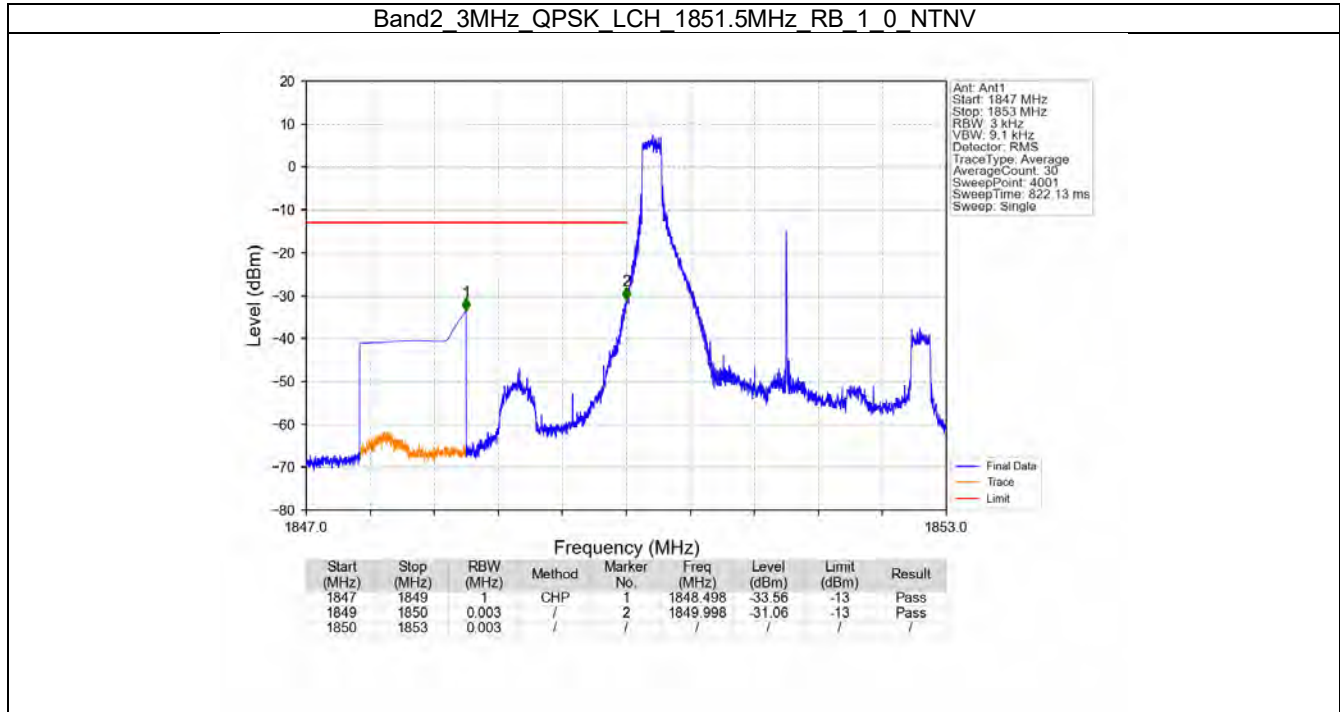
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6.2.2 Test Graph



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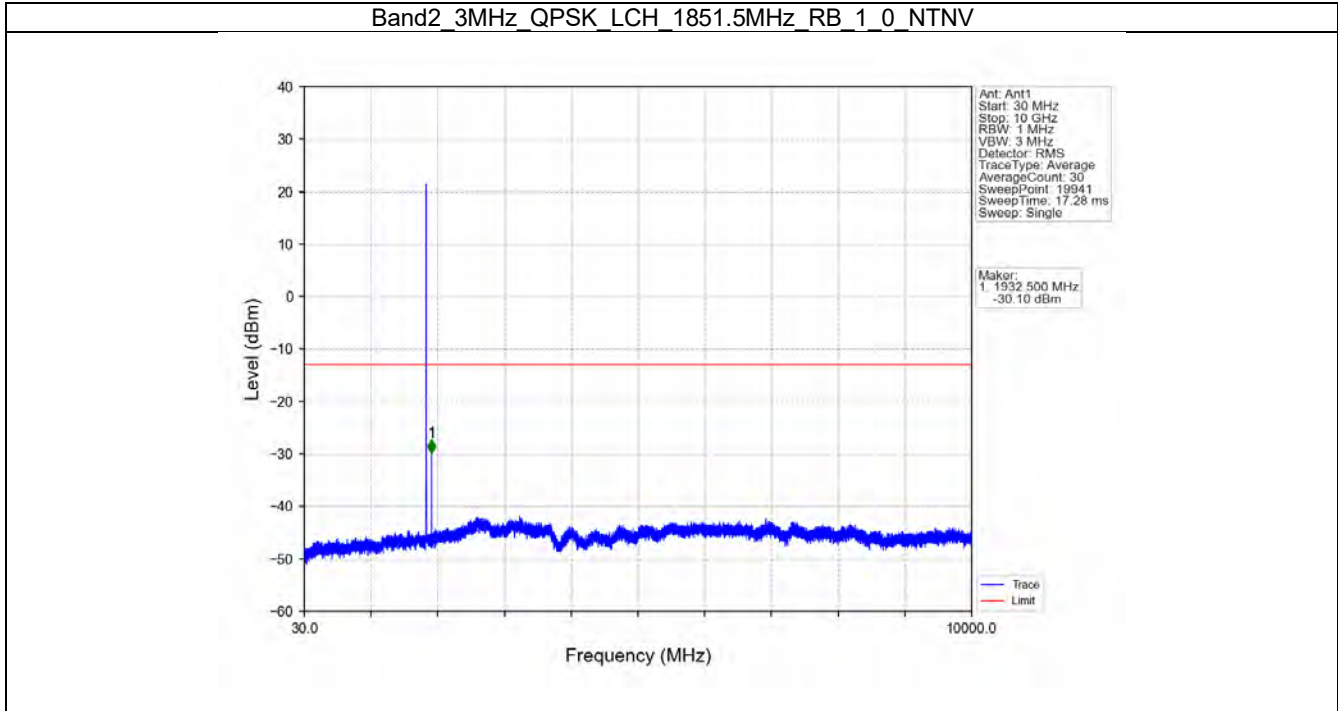
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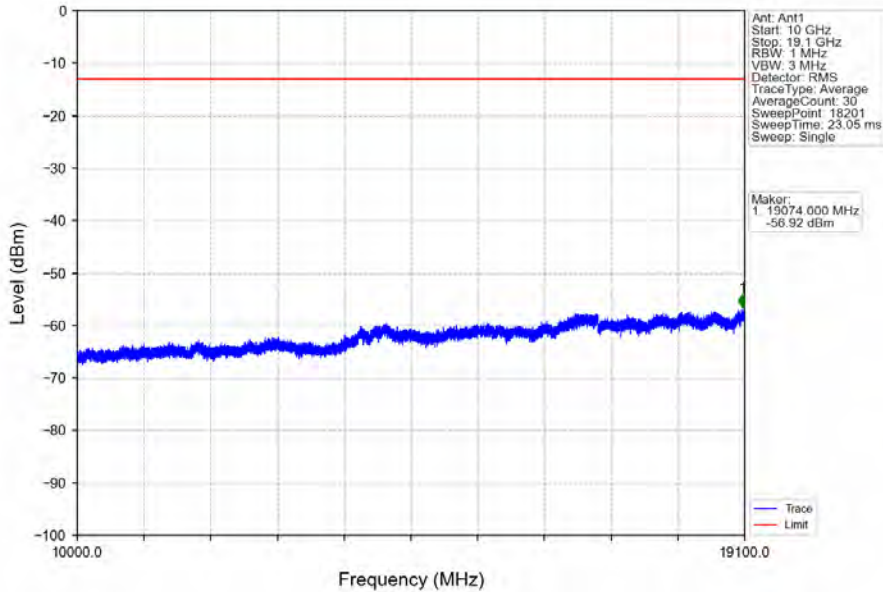
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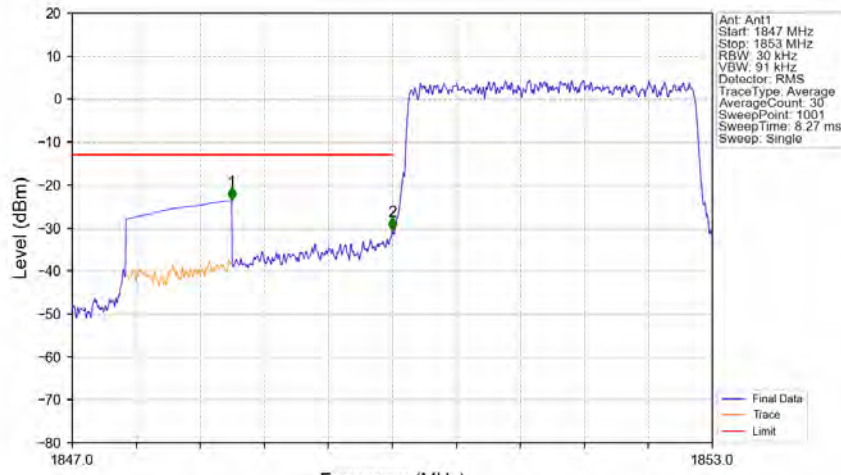
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Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



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	-23.57	-13	Pass
1849	1850	0.03	/	2	1850.000	-30.67	-13	Pass
1850	1853	0.03	/	/	/	/	/	/



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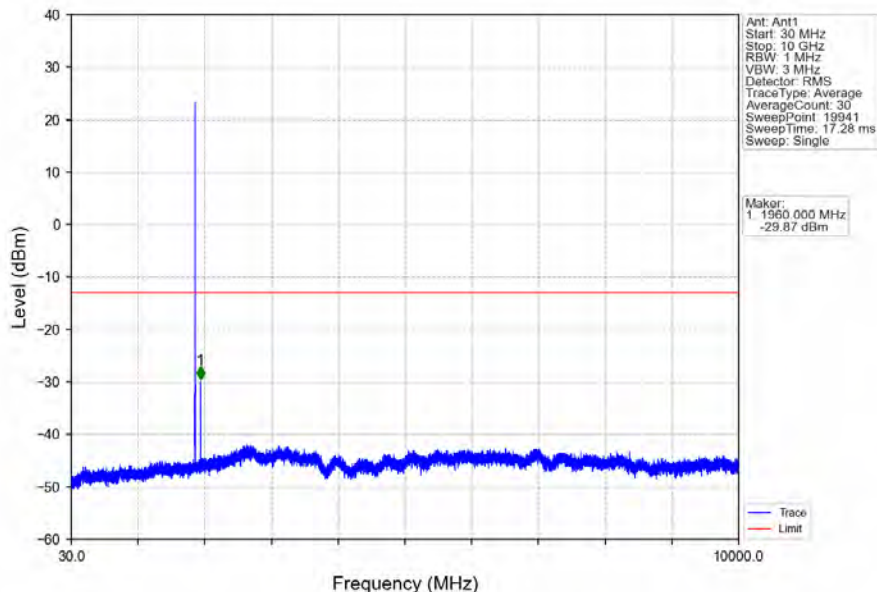




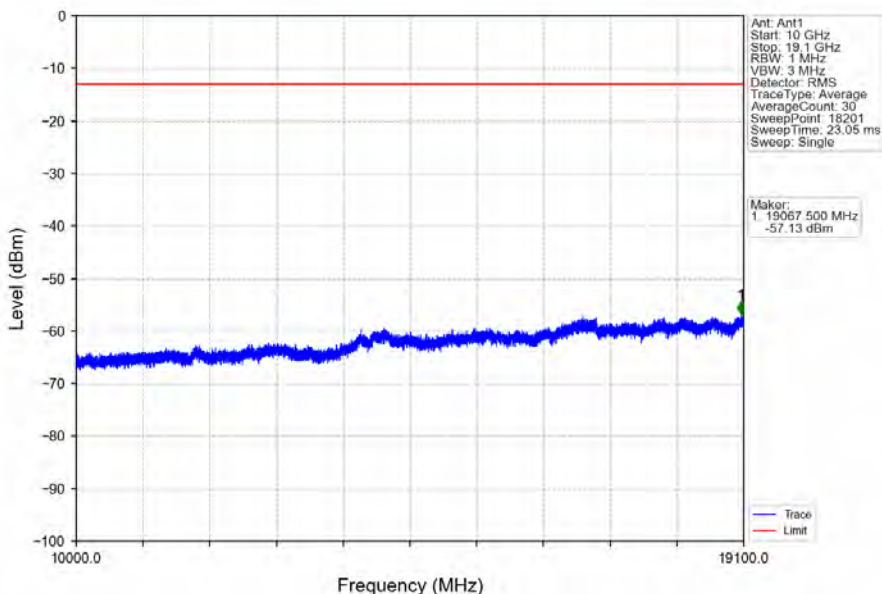
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Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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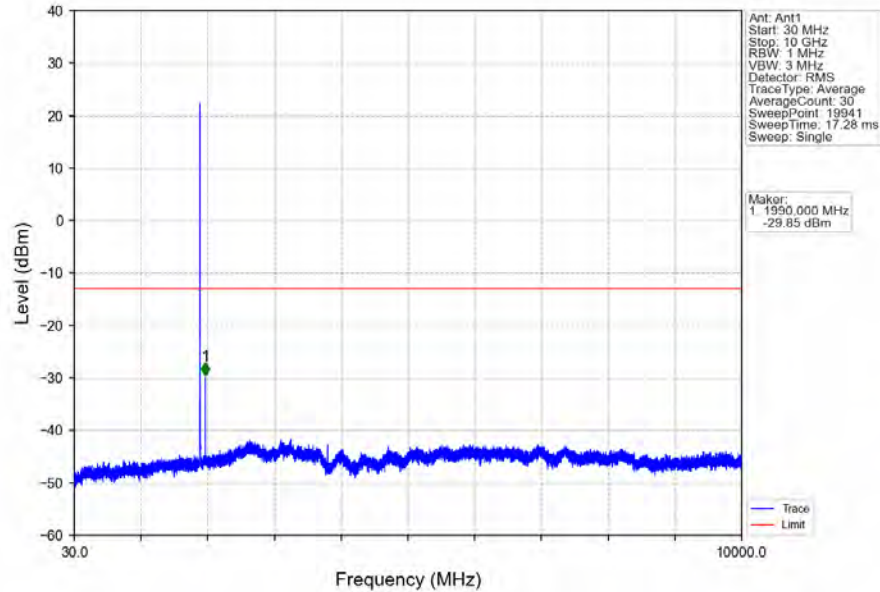
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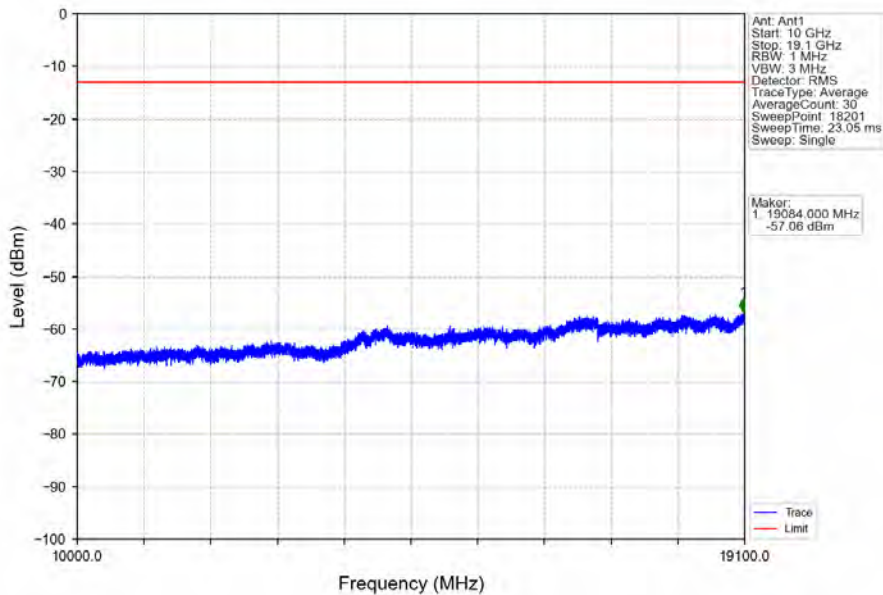
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Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



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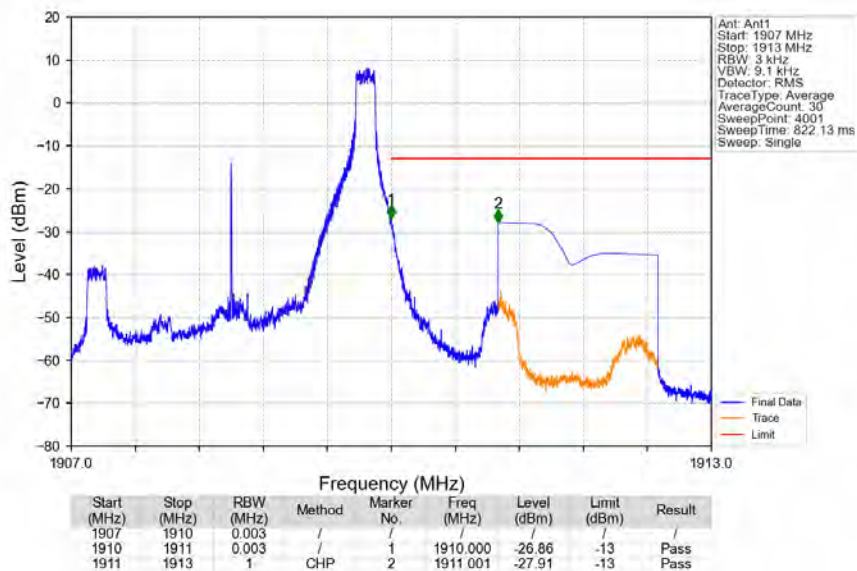
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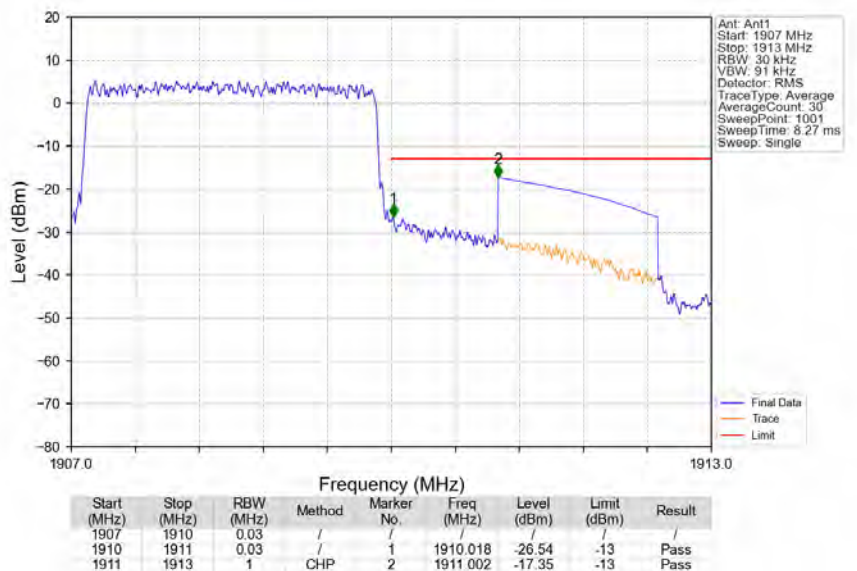
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Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_1\_14\_NTNV



Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



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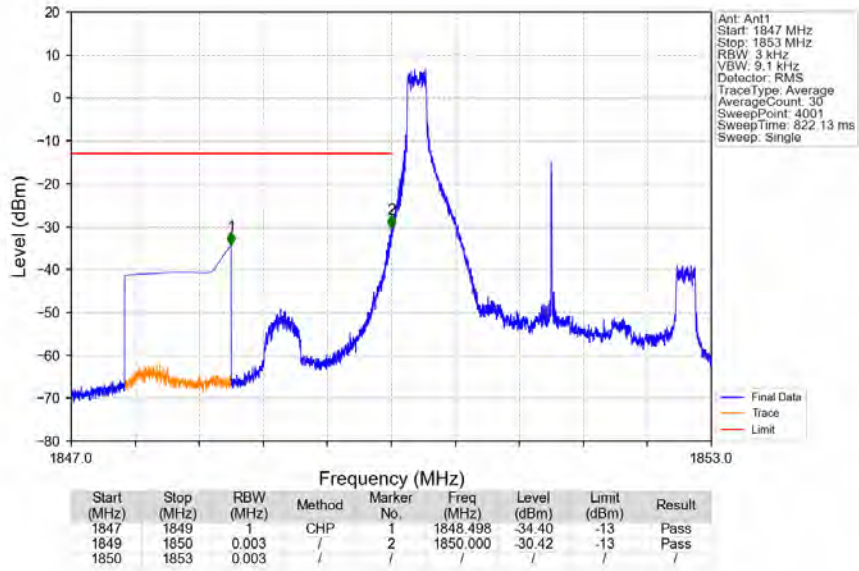
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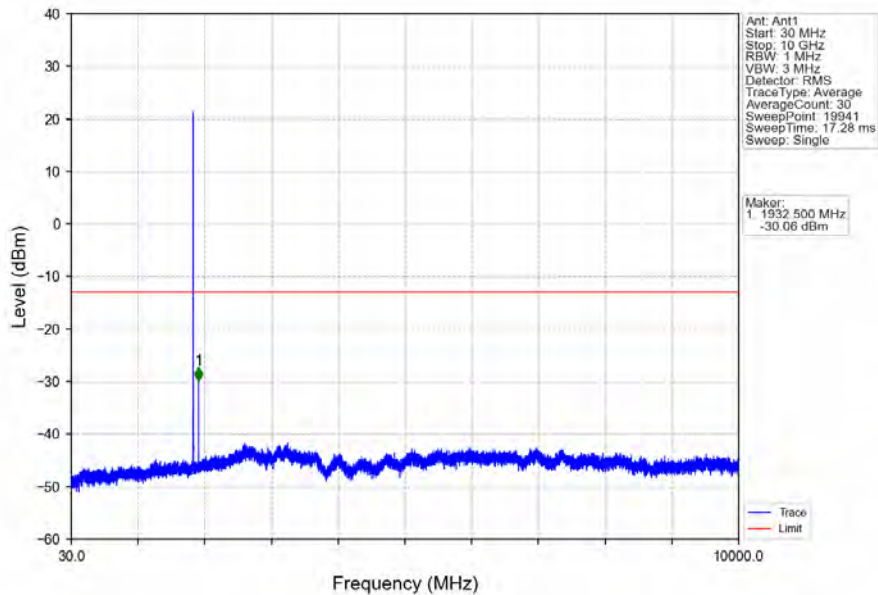
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Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



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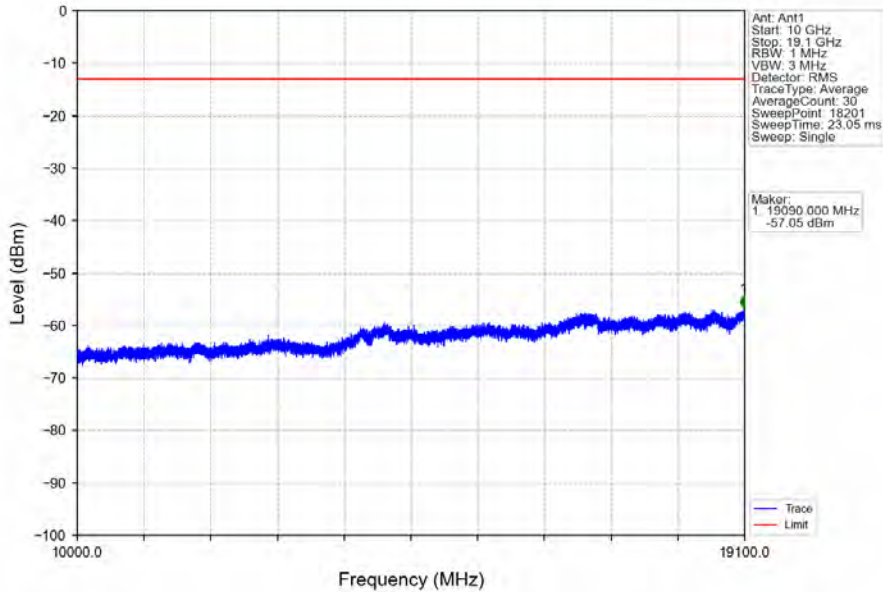
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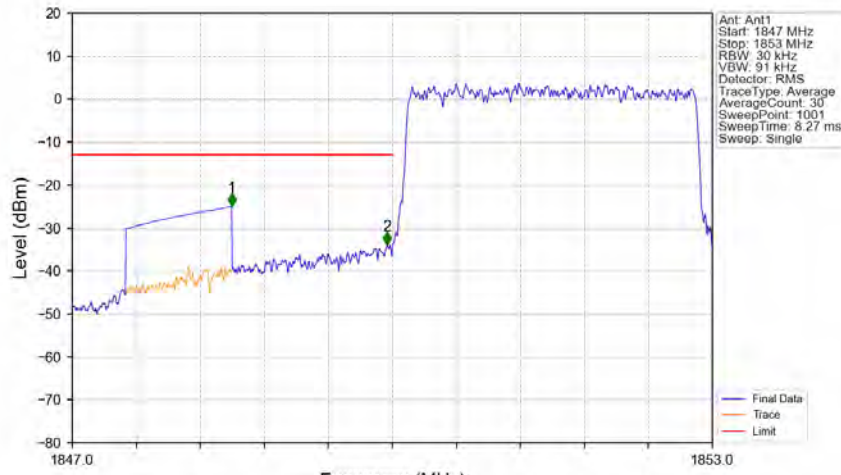
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Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



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	-25.03	-13	Pass
1849	1850	0.03	/	2	1849.952	-33.92	-13	Pass
1850	1853	0.03	/	/	/	/	/	/



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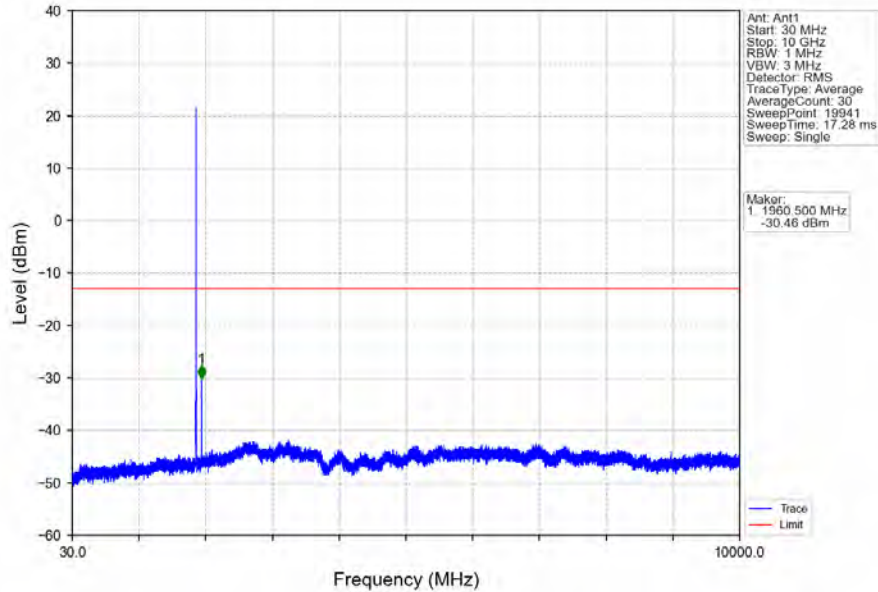
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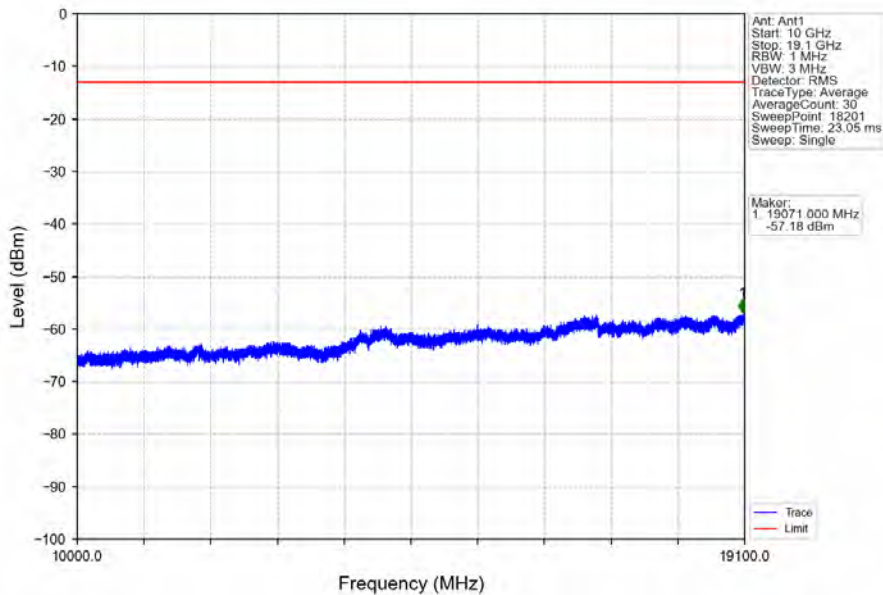
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Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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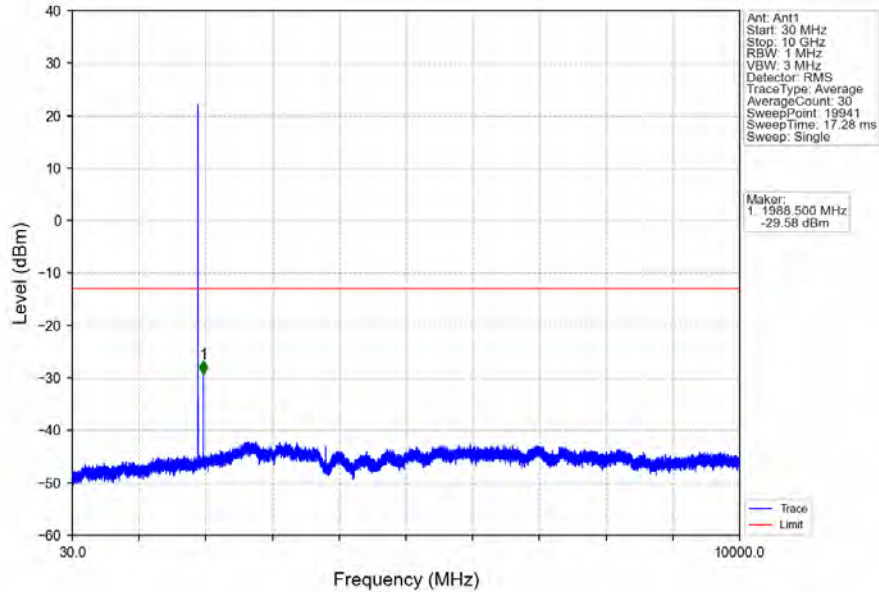
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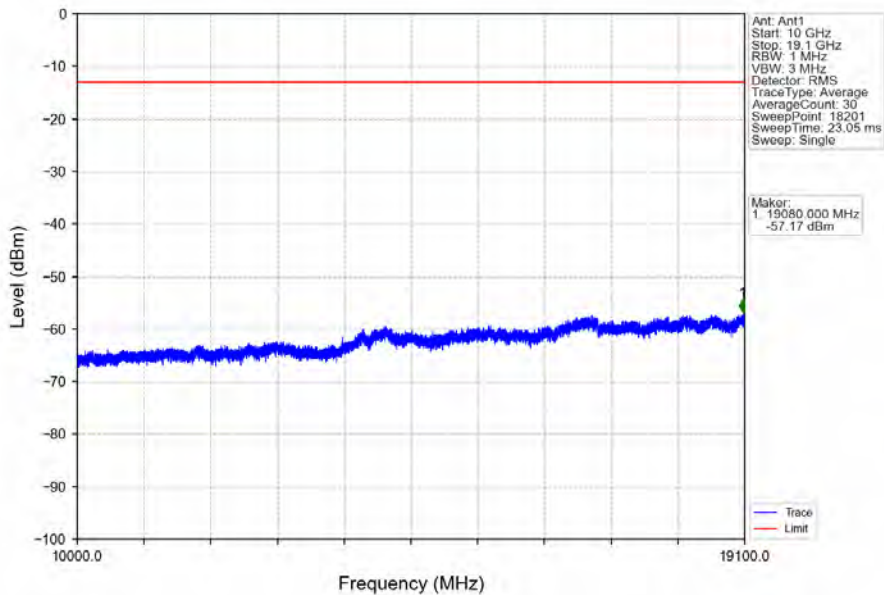
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Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



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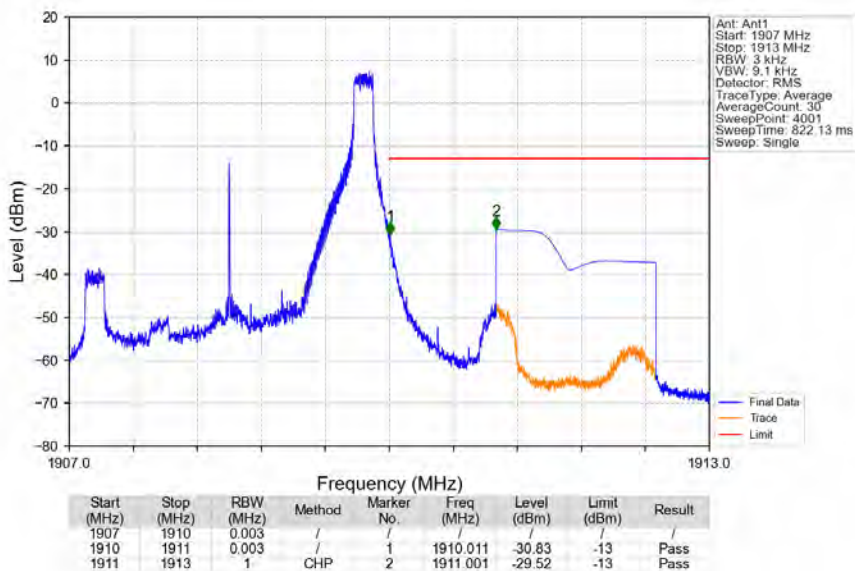
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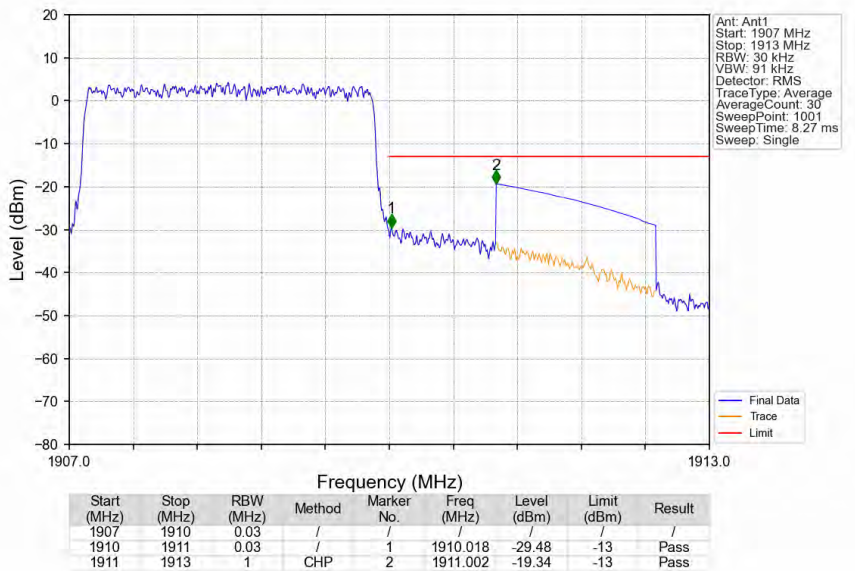
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Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_1\_14\_NTNV



Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



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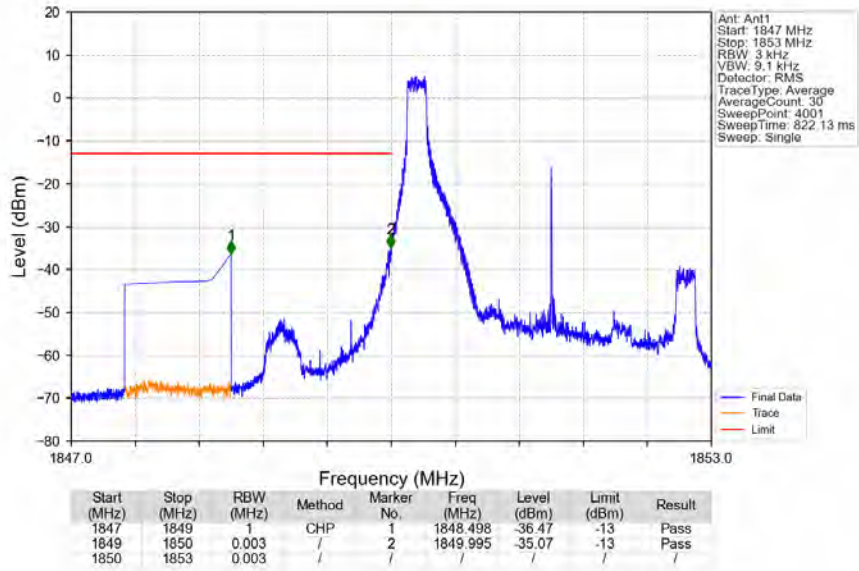




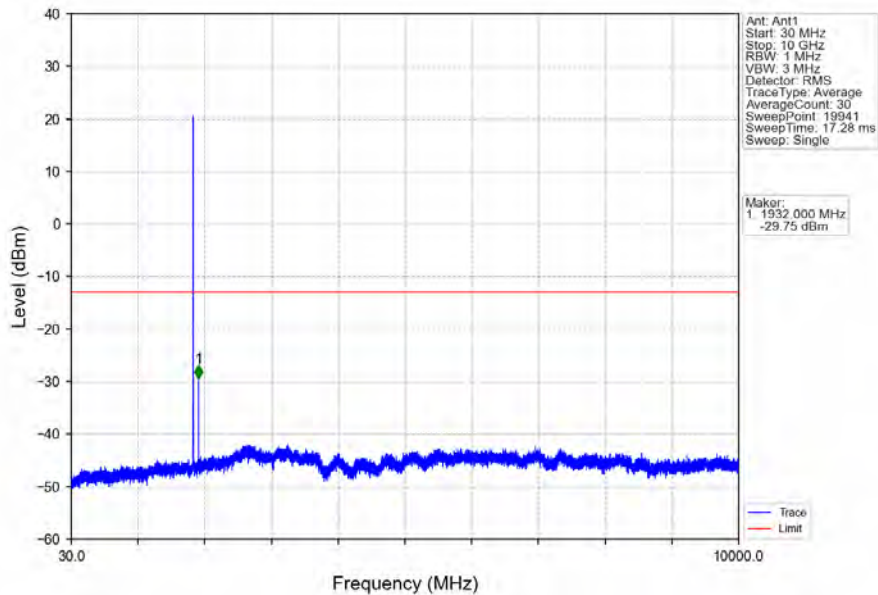
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Band2\_3MHz\_64QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



Band2\_3MHz\_64QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



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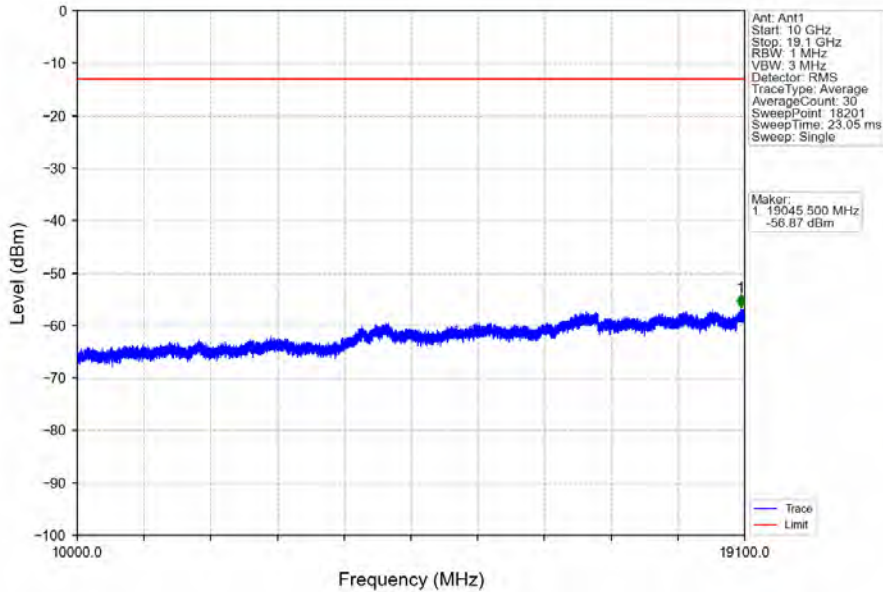
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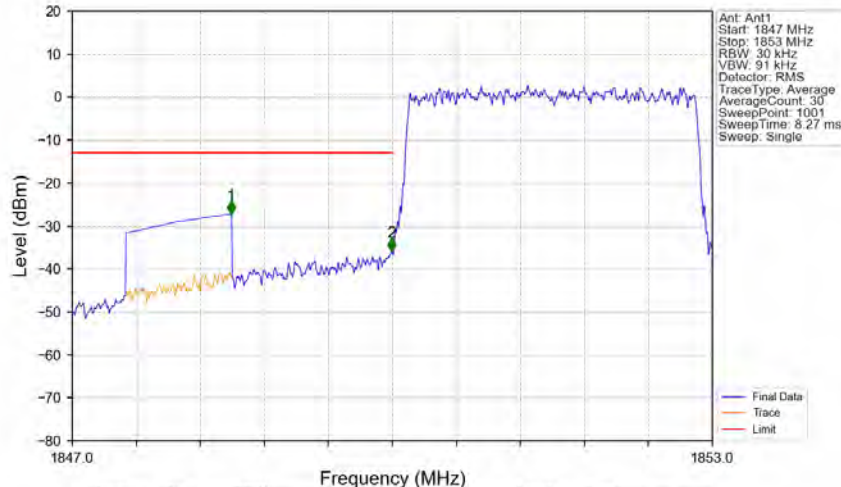
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Band2\_3MHz\_64QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



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	1848.488	-27.27	-13	Pass
1849	1850	0.03	/	2	1849.994	-35.88	-13	Pass
1850	1853	0.03	/	/	/	/	/	/



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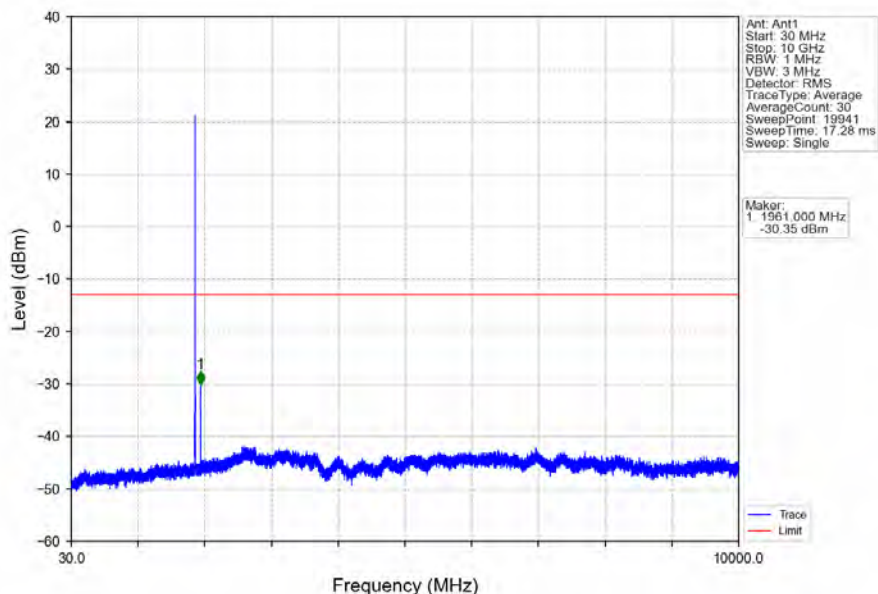
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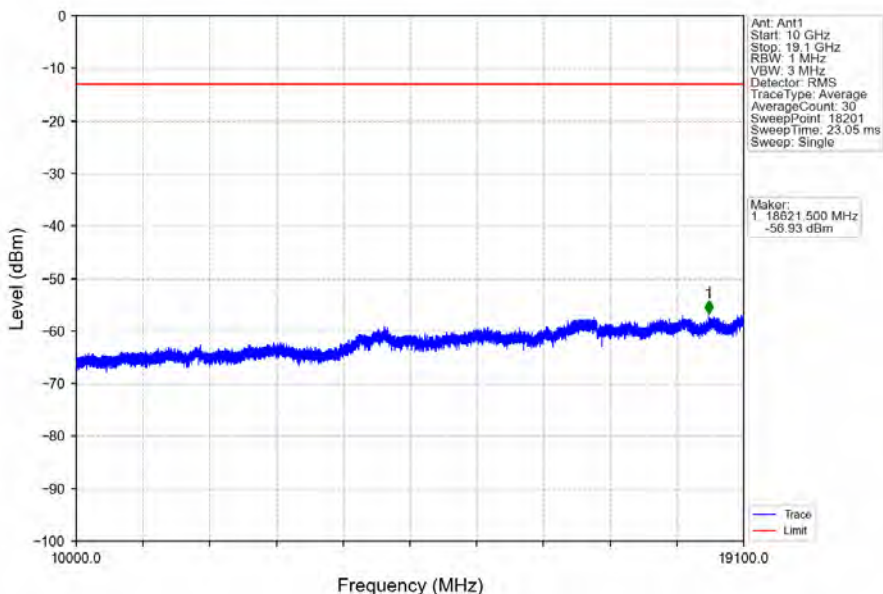
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Band2\_3MHz\_64QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



Band2\_3MHz\_64QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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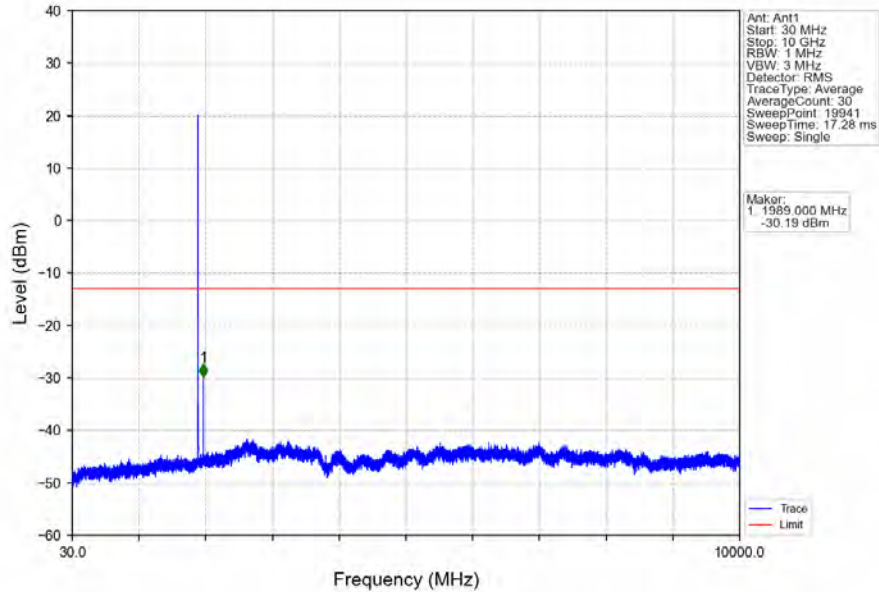
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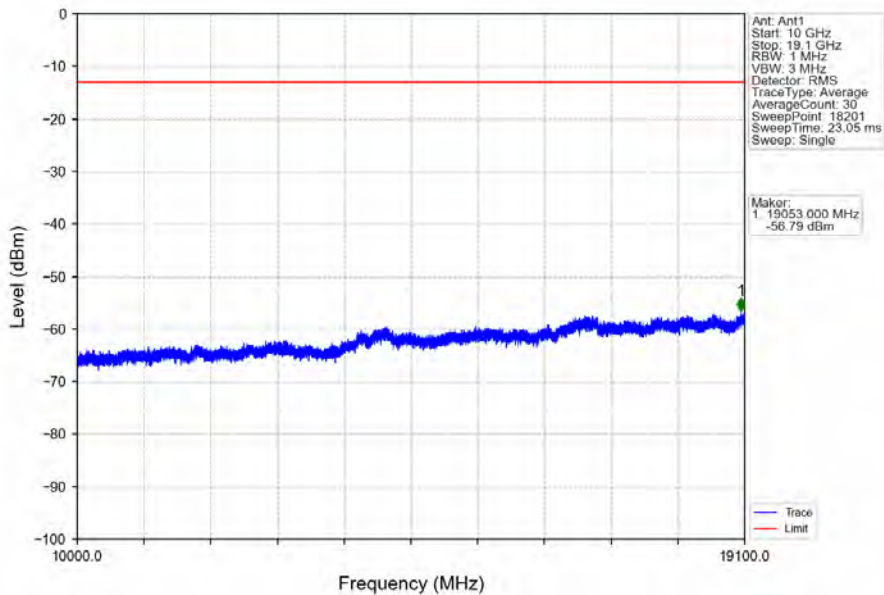
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Band2\_3MHz\_64QAM\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



Band2\_3MHz\_64QAM\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



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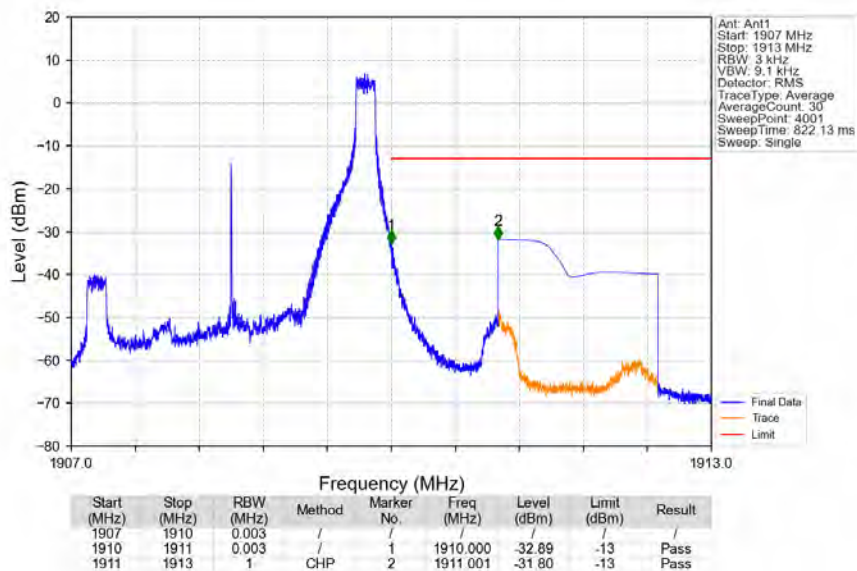
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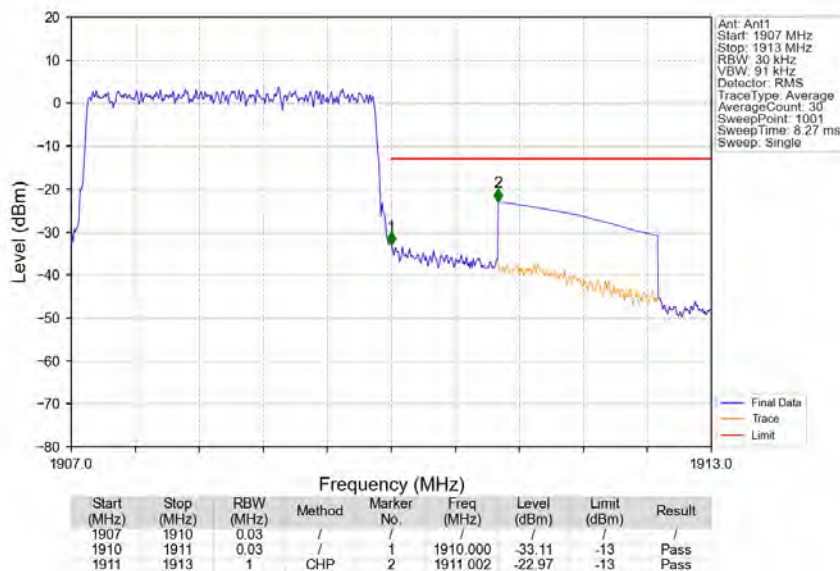
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Band2\_3MHz\_64QAM\_HCH\_1908.5MHz\_RB\_1\_14\_NTNV



Band2\_3MHz\_64QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



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## 6.3 B2\_5MHz

### 6.3.1 Test Result

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



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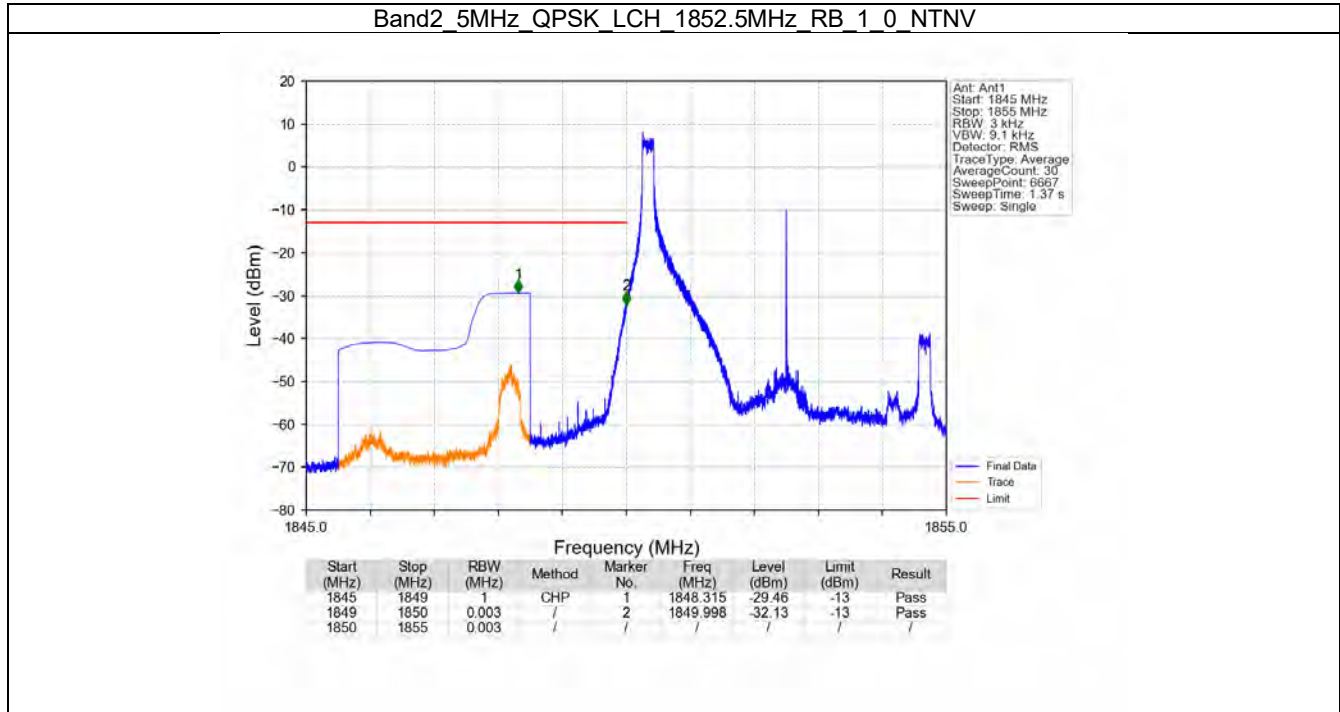
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6.3.2 Test Graph



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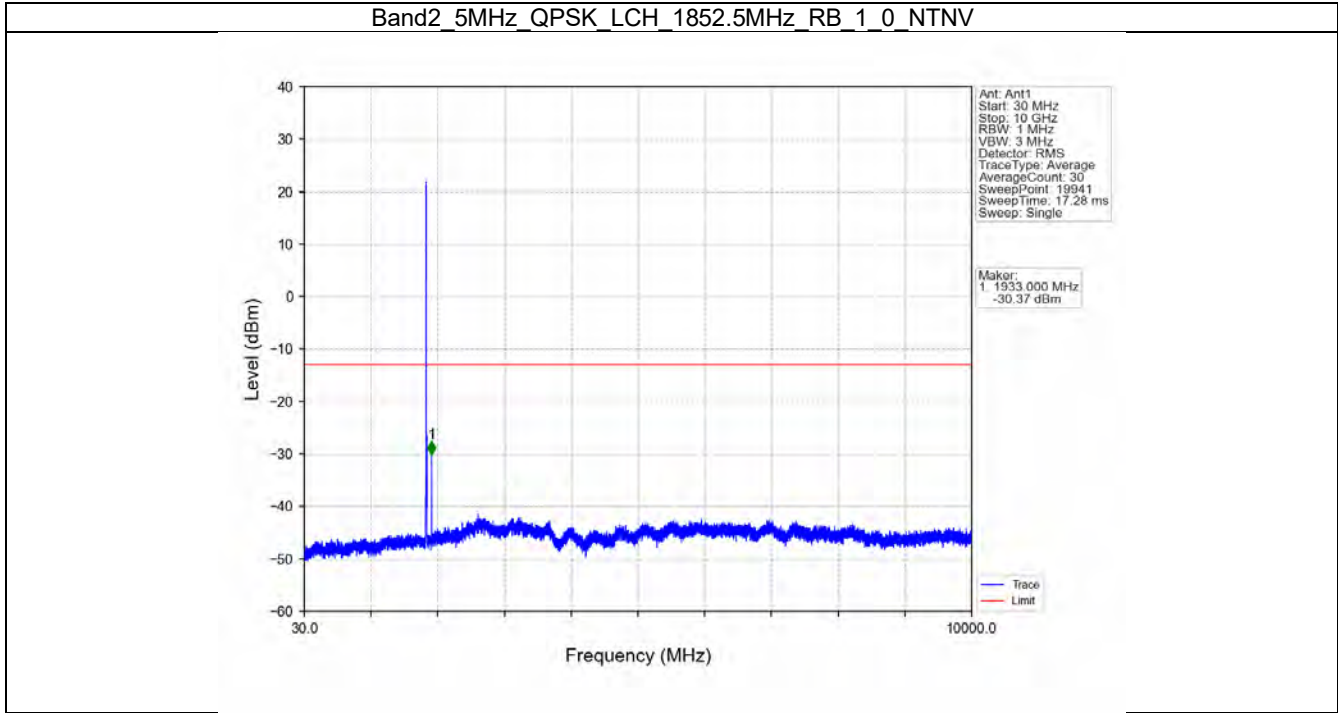
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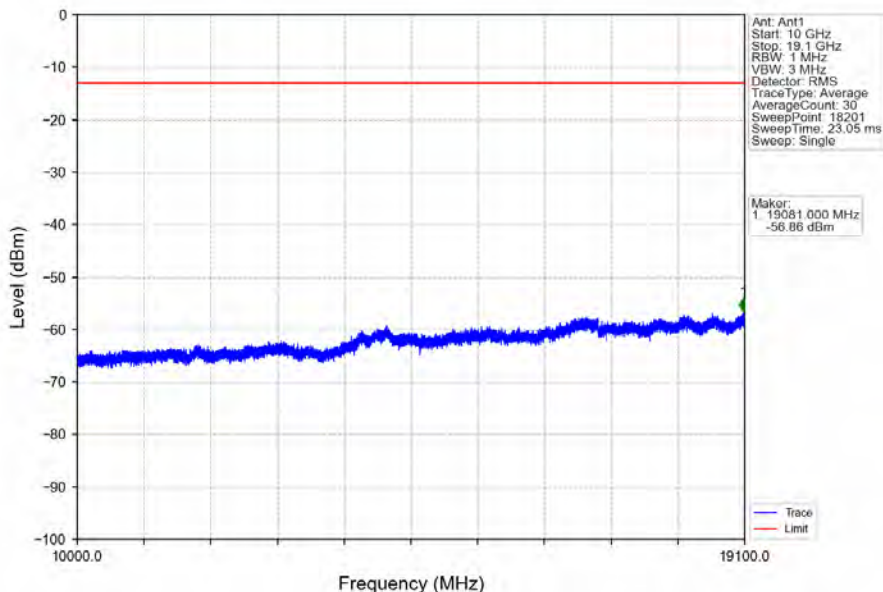




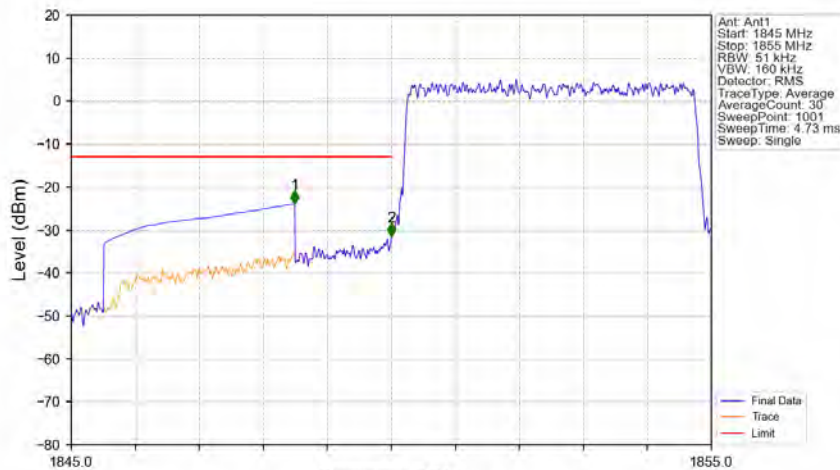
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Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



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	-23.97	-13	Pass
1849	1850	0.051	/	2	1850.000	-31.53	-13	Pass
1850	1855	0.051	/	/	/	/	/	/



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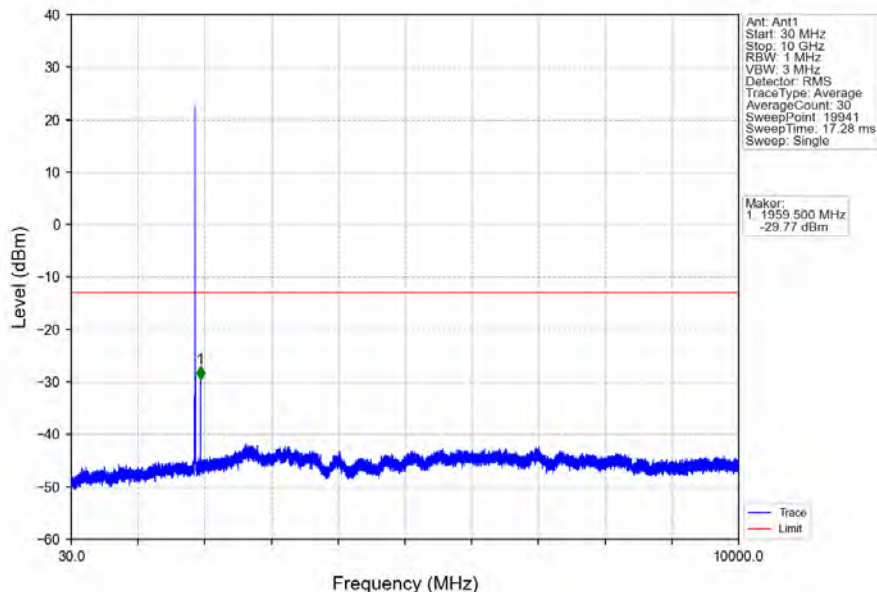
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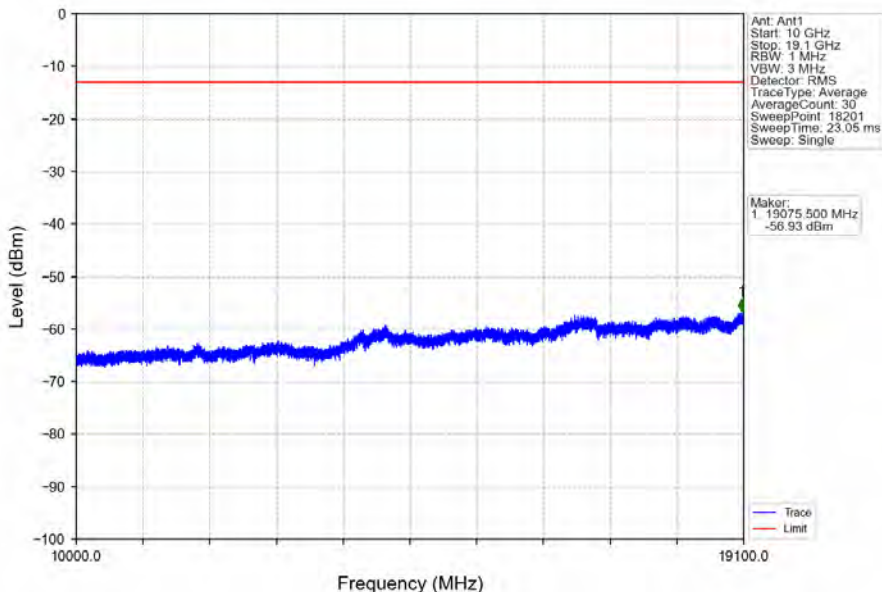
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Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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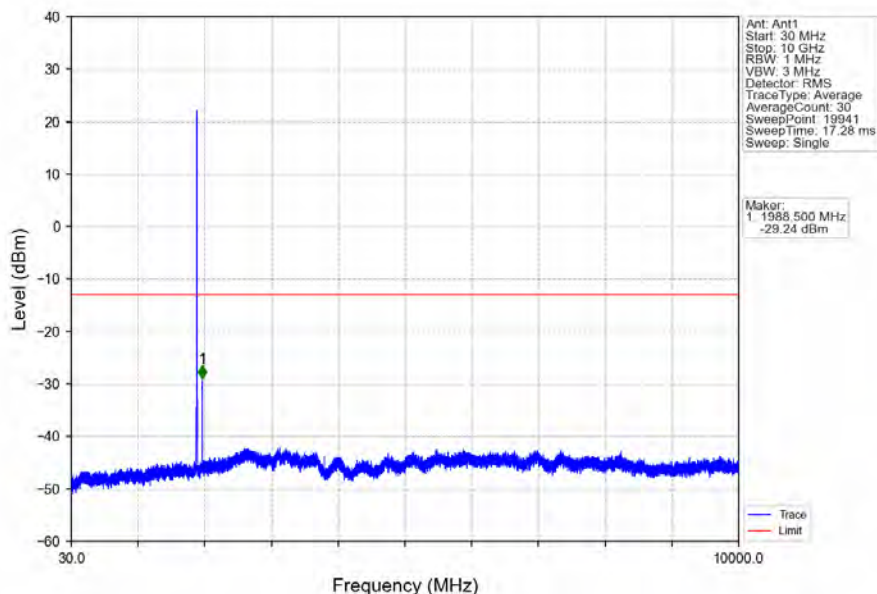
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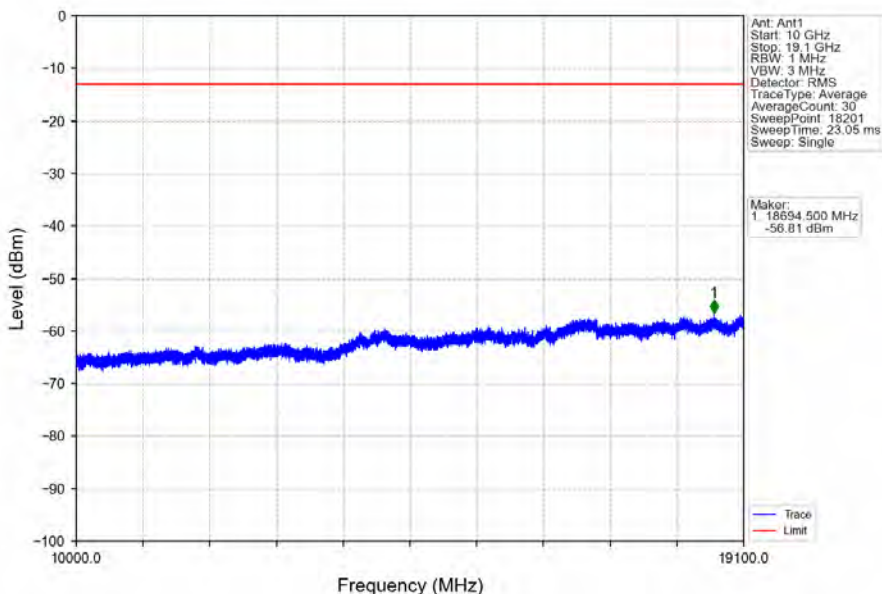
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Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



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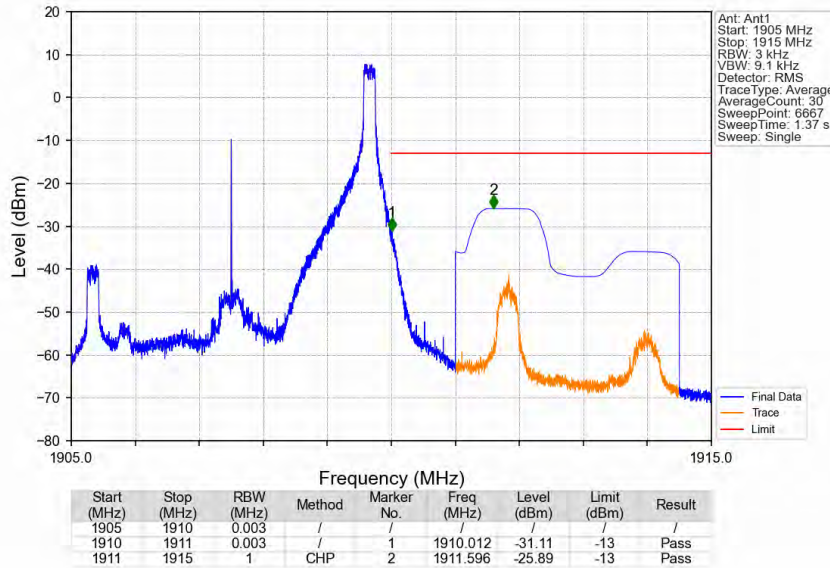
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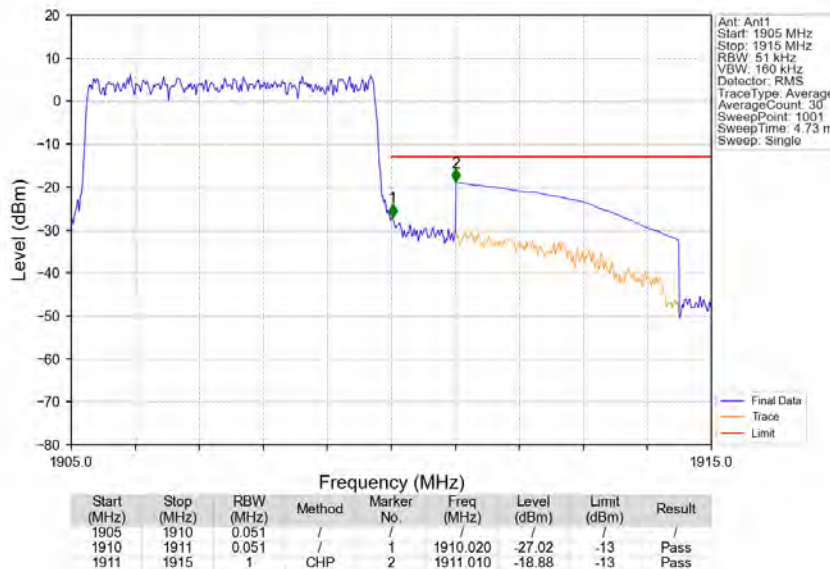
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Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_24\_NTNV



Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



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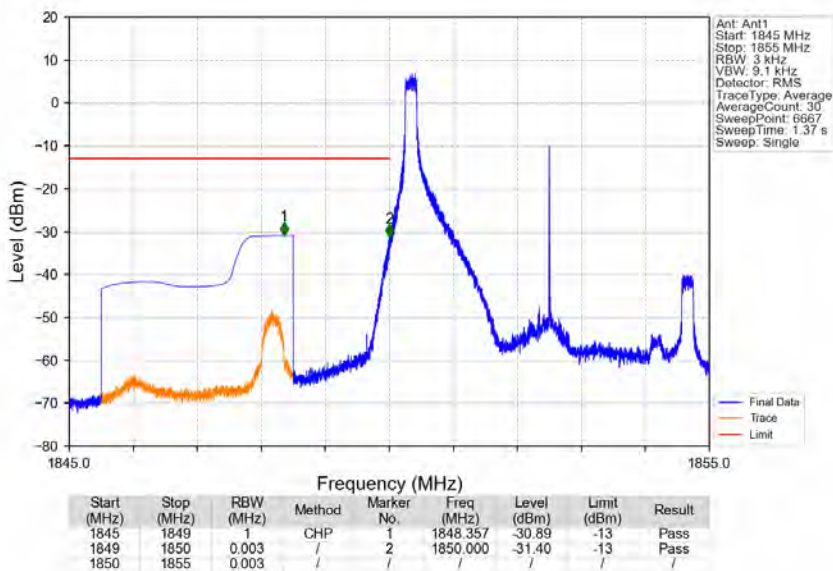
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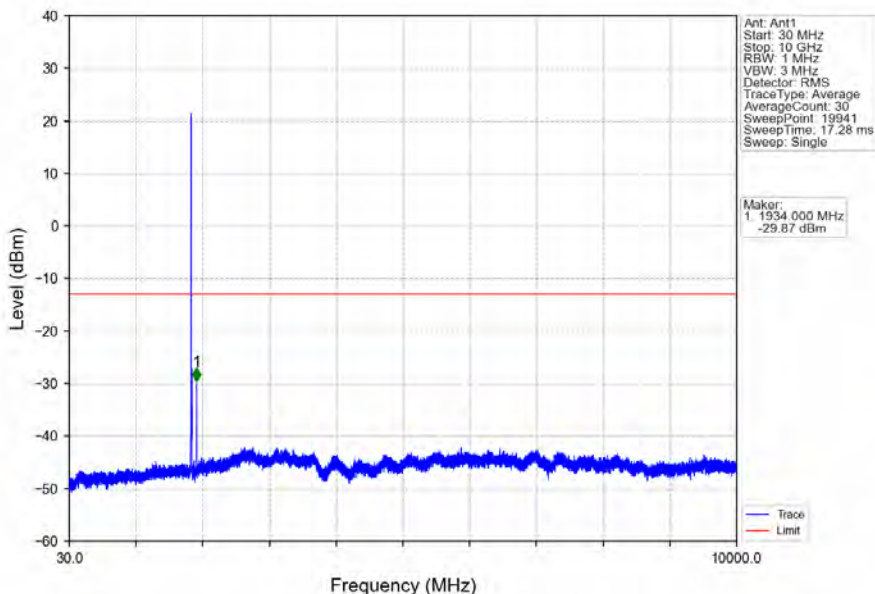
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Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



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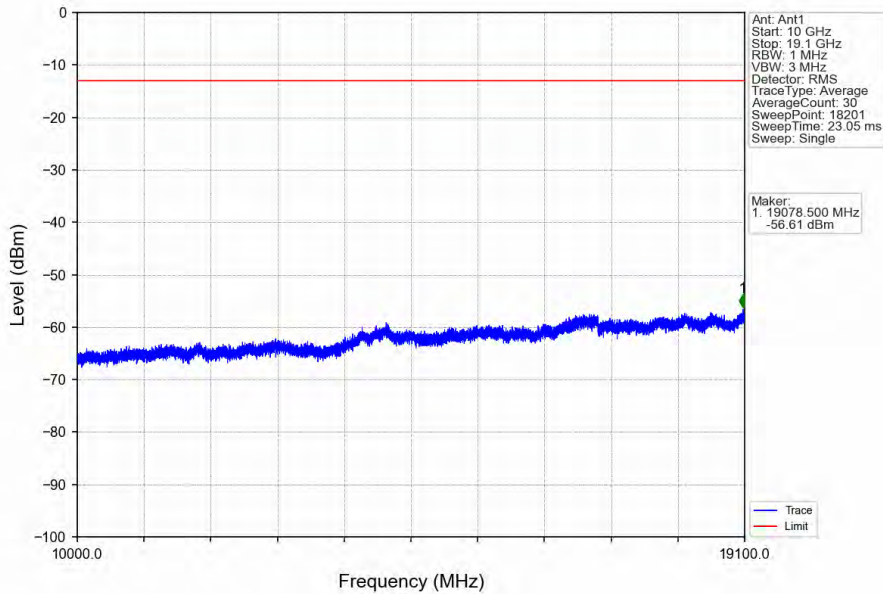
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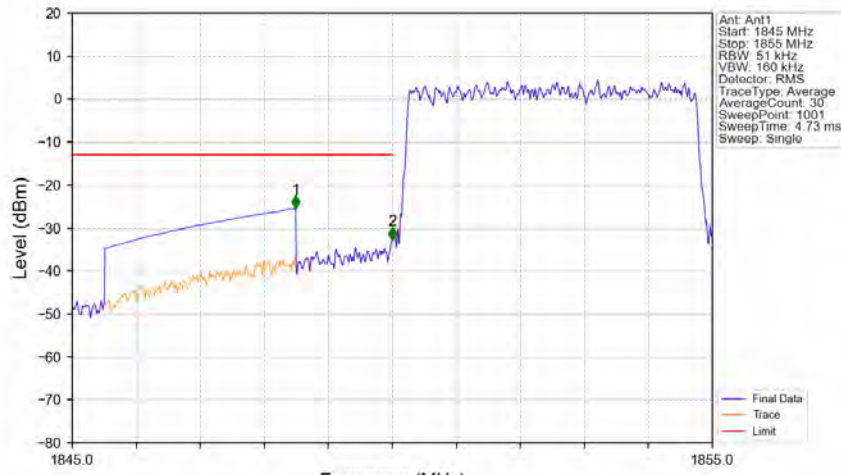
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Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



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	1848.490	-25.57	-13	Pass
1849	1850	0.051	/	2	1850.000	-32.83	-13	Pass
1850	1855	0.051	/	/	/	/	/	/



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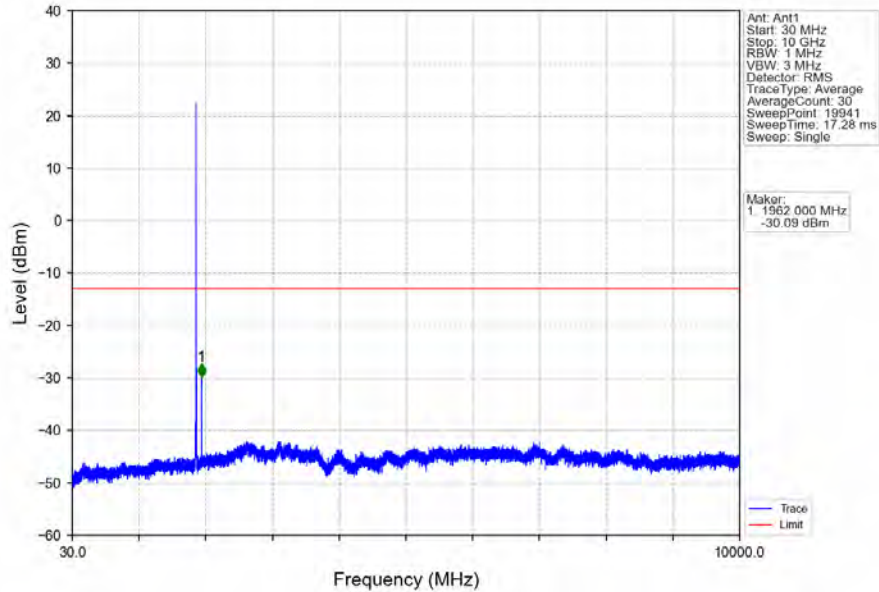
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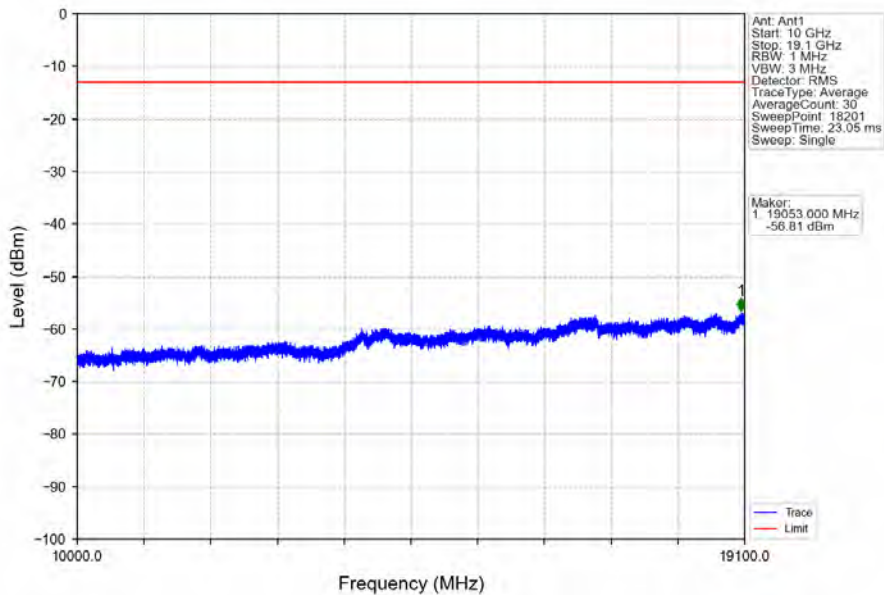
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Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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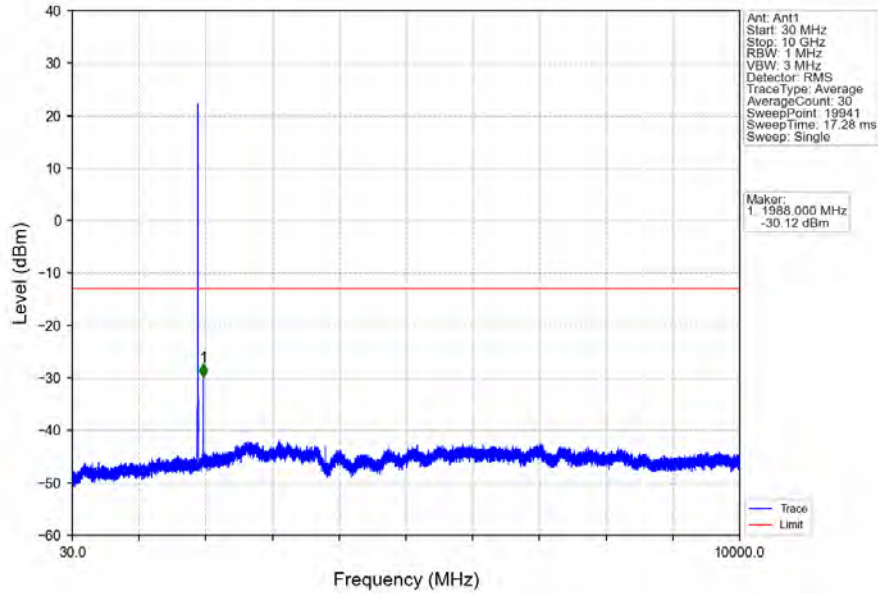
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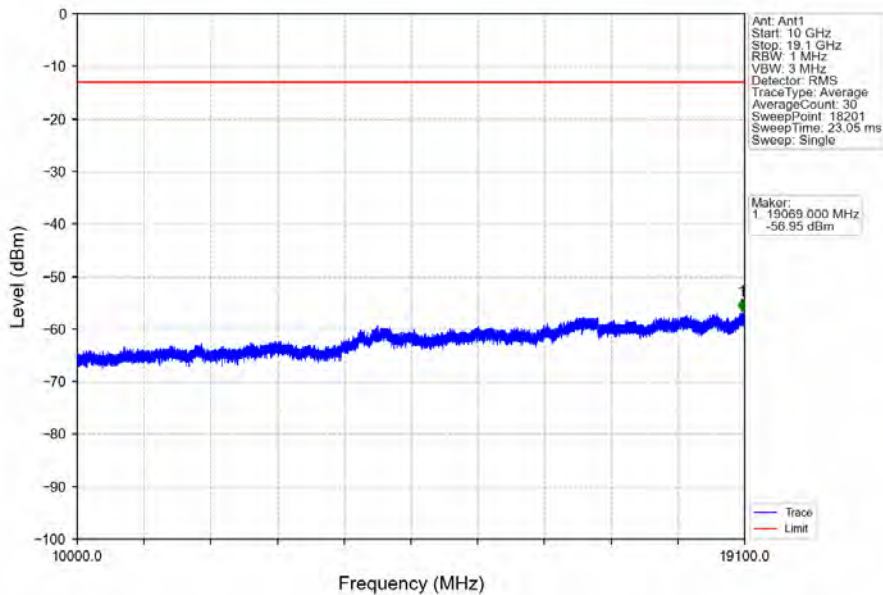
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Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



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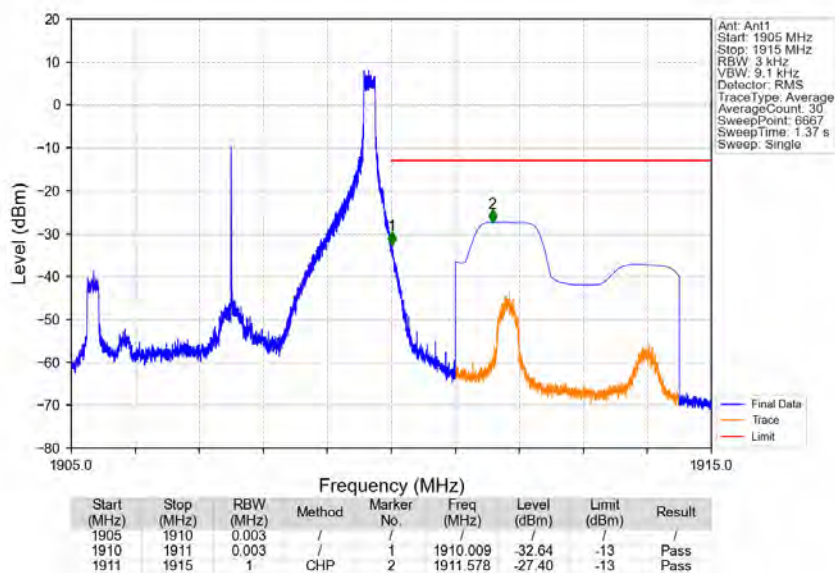
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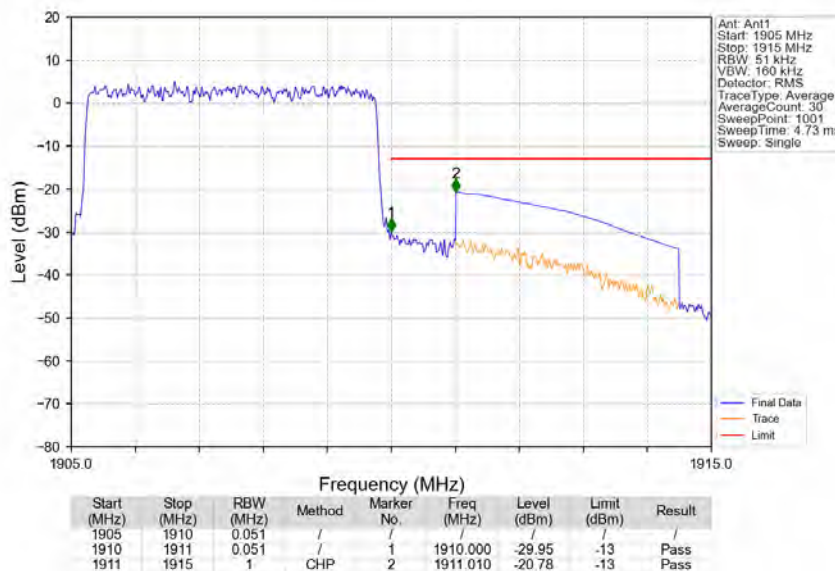
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Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_24\_NTNV



Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



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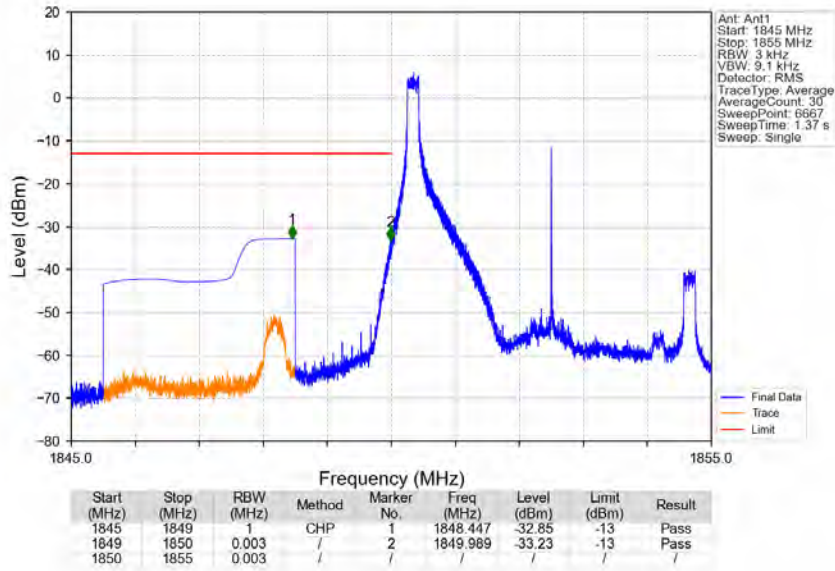
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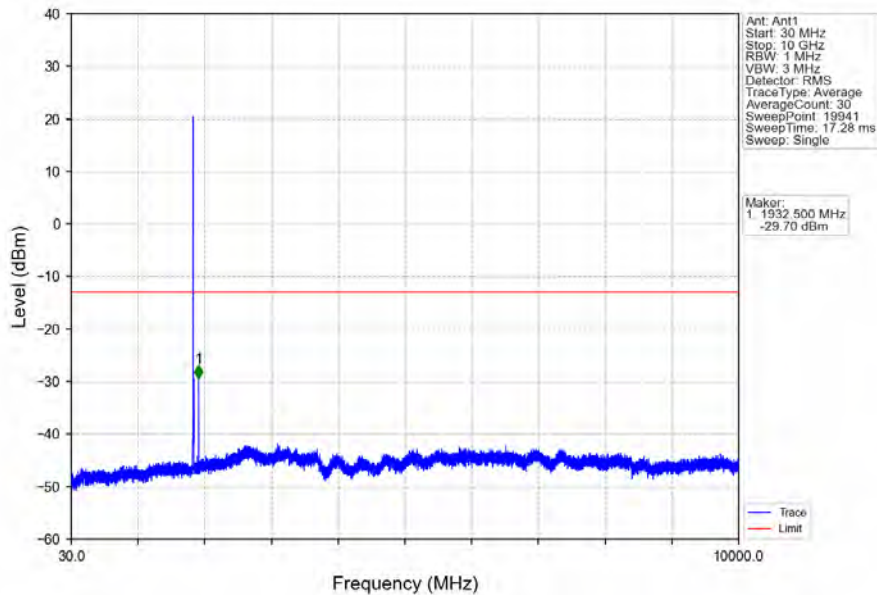
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Band2\_5MHz\_64QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



Band2\_5MHz\_64QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



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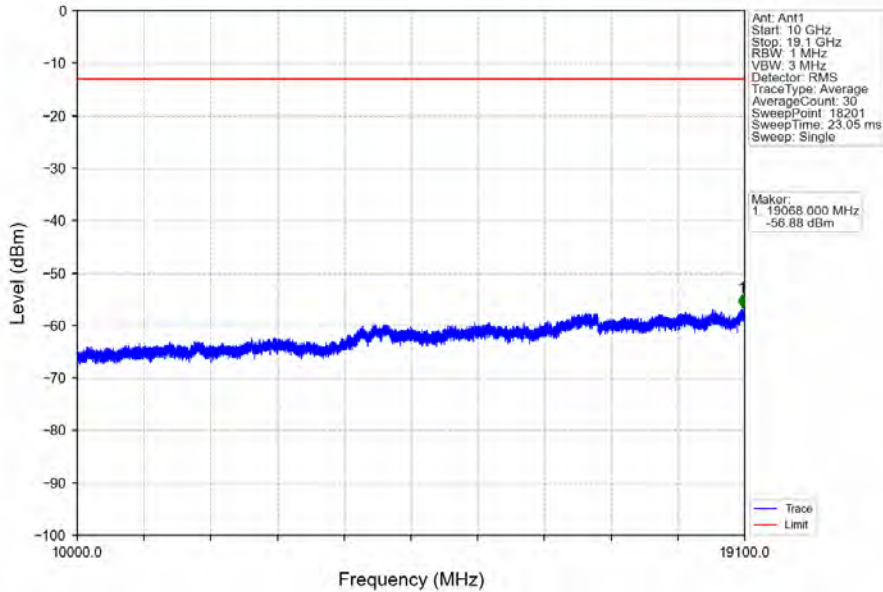
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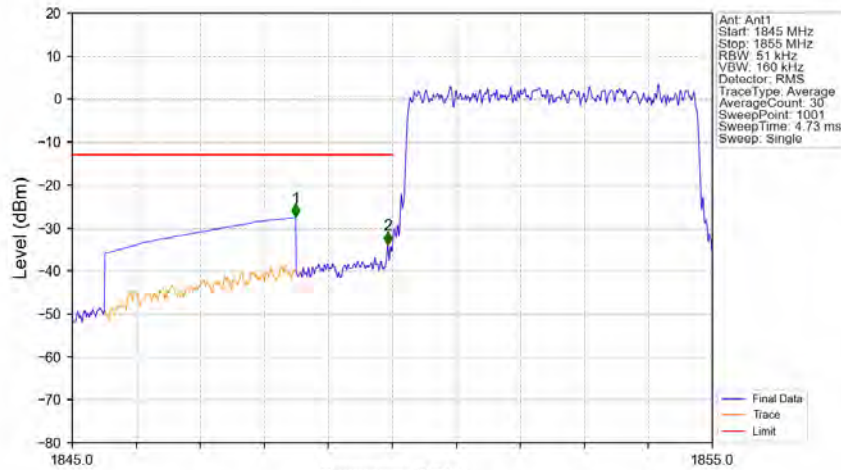
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Band2\_5MHz\_64QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-27.52	-13	Pass
1849	1850	0.051	/	2	1849.930	-33.88	-13	Pass
1850	1855	0.051	/	/	/	/	/	/



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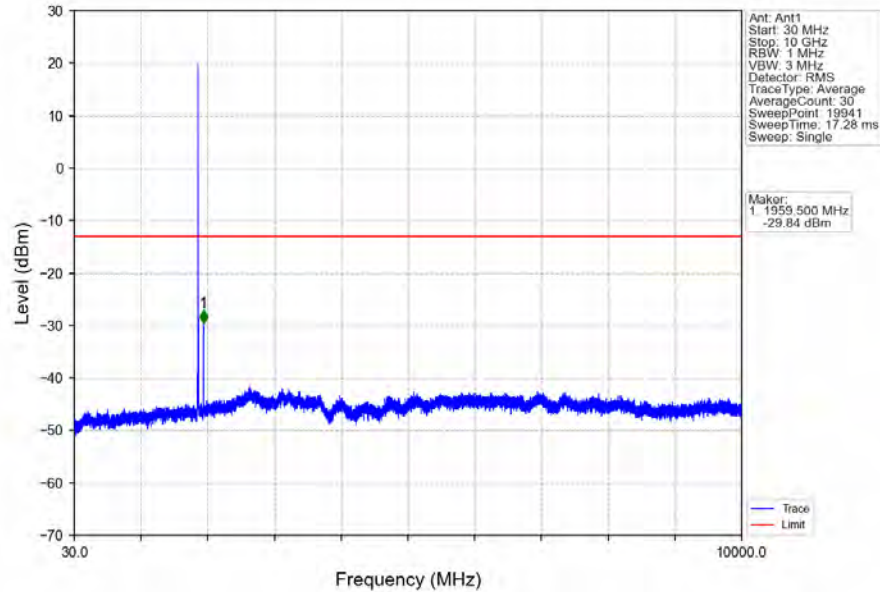
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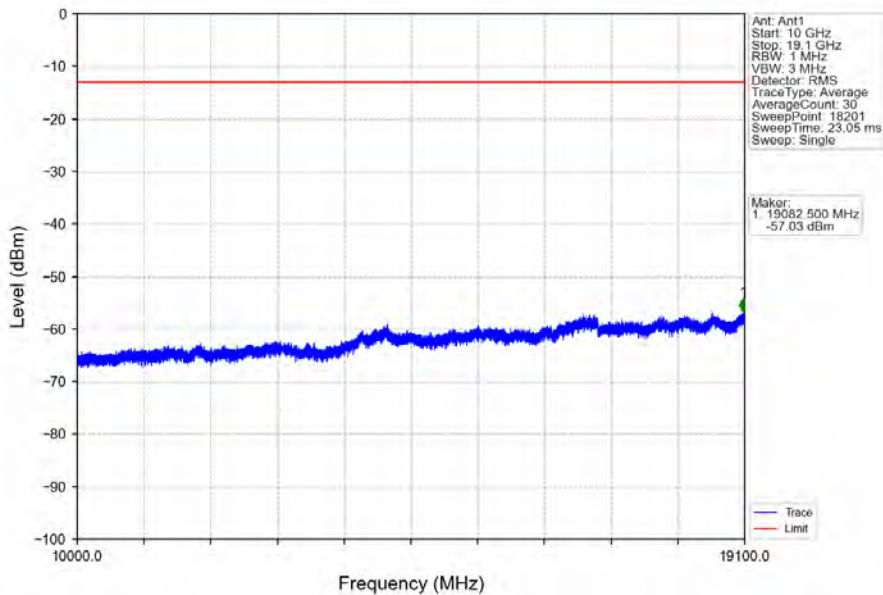
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Band2\_5MHz\_64QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



Band2\_5MHz\_64QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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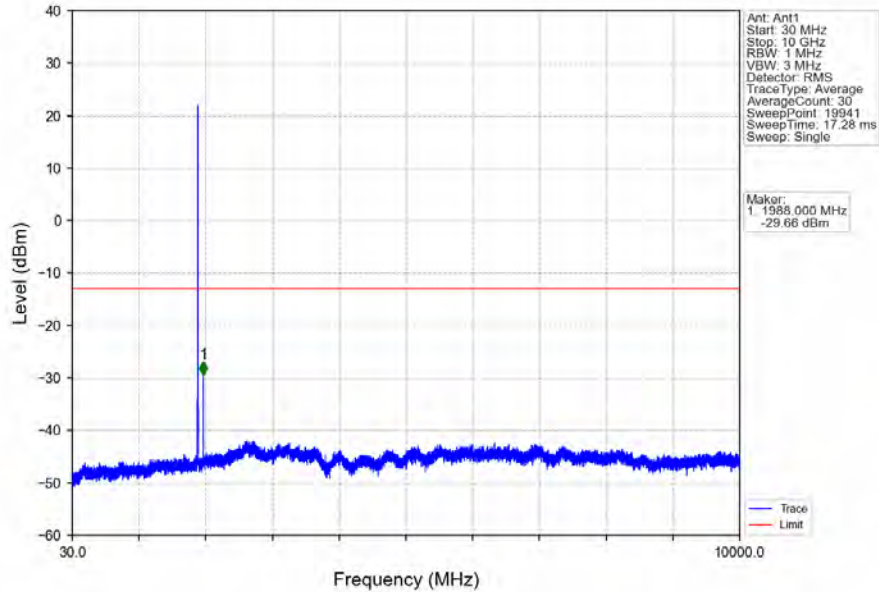
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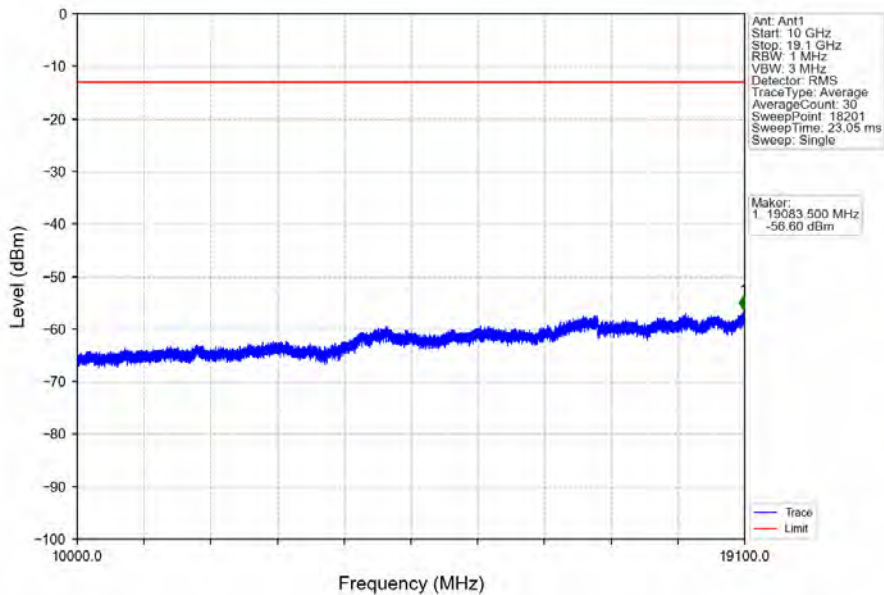
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Band2\_5MHz\_64QAM\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



Band2\_5MHz\_64QAM\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



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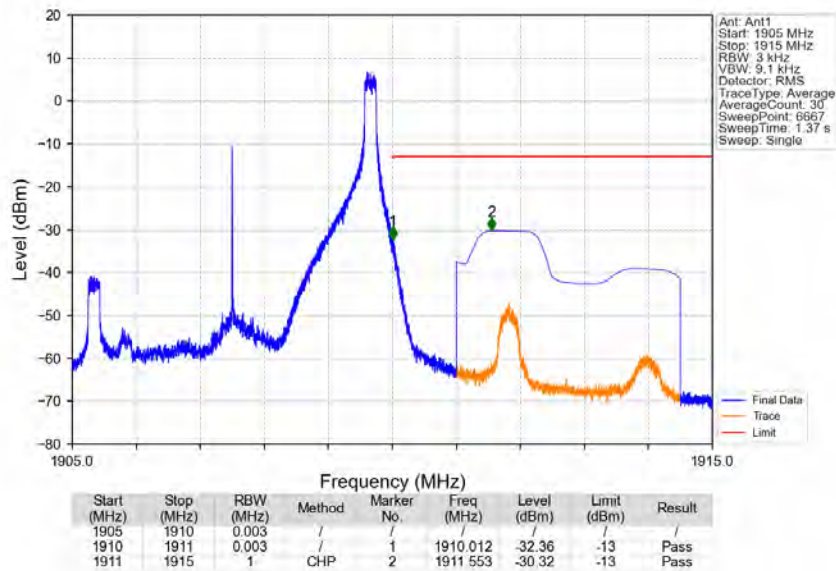
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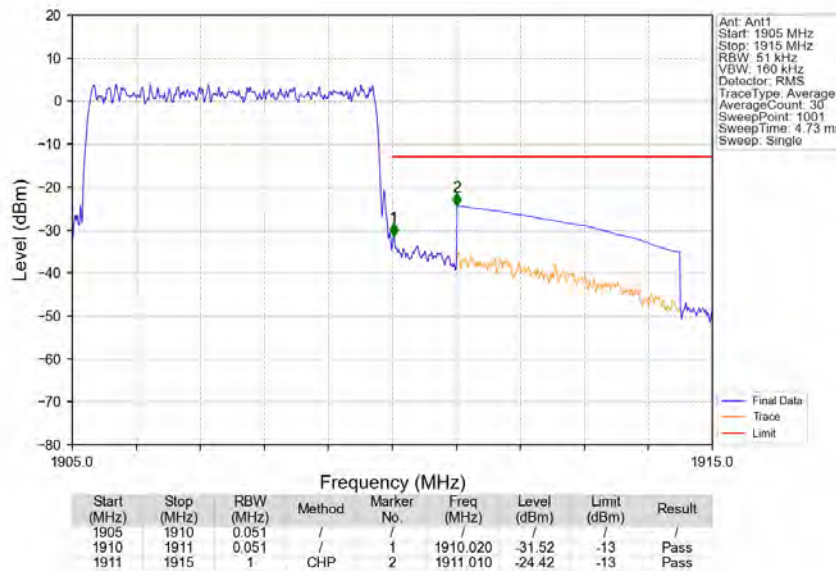
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Band2\_5MHz\_64QAM\_HCH\_1907.5MHz\_RB\_1\_24\_NTNV



Band2\_5MHz\_64QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



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## 6.4 B2\_10MHz

### 6.4.1 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	
	1905	1	0	Refer To Test Graph	Pass	
		50	49	Refer To Test Graph	Pass	
			0	Refer To Test Graph	Pass	
16QAM	1855	1	0	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
	1905	1	0	Refer To Test Graph	Pass	
		50	49	Refer To Test Graph	Pass	
			0	Refer To Test Graph	Pass	
64QAM	1855	1	0	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
	1905	1	0	Refer To Test Graph	Pass	
		50	49	Refer To Test Graph	Pass	
			0	Refer To Test Graph	Pass	



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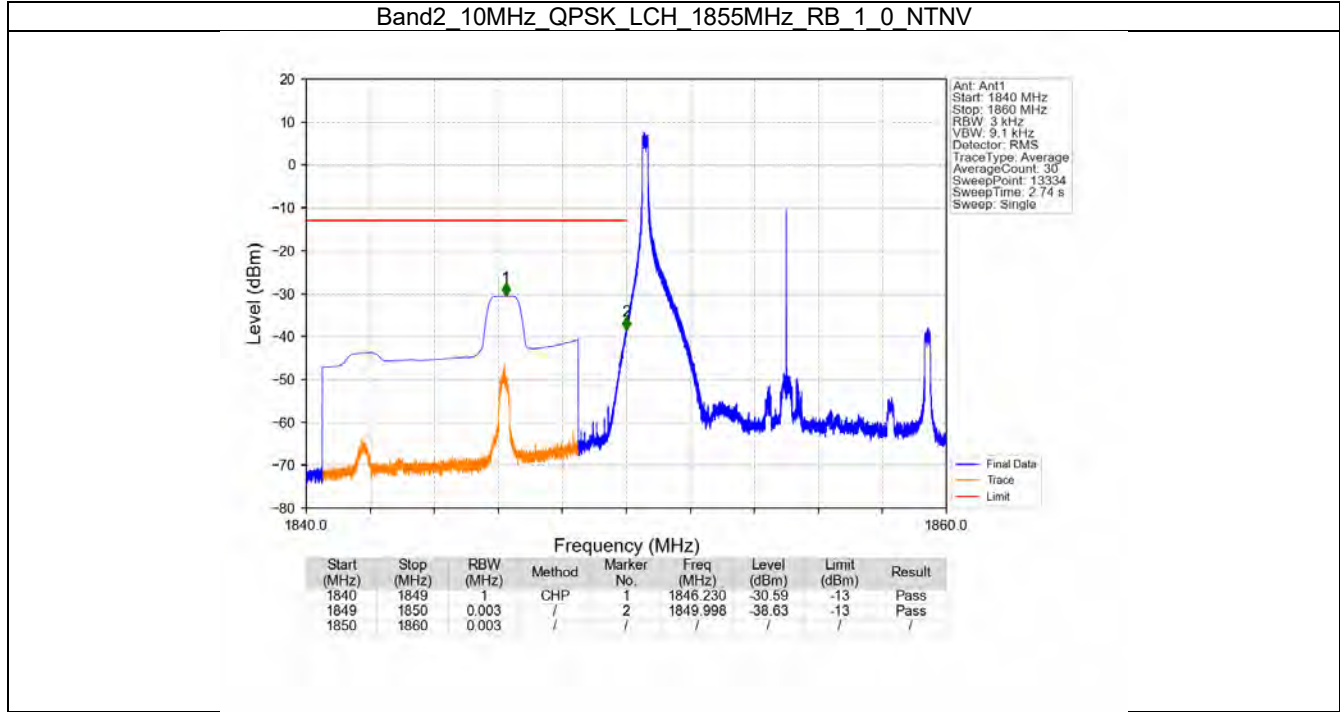
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6.4.2 Test Graph



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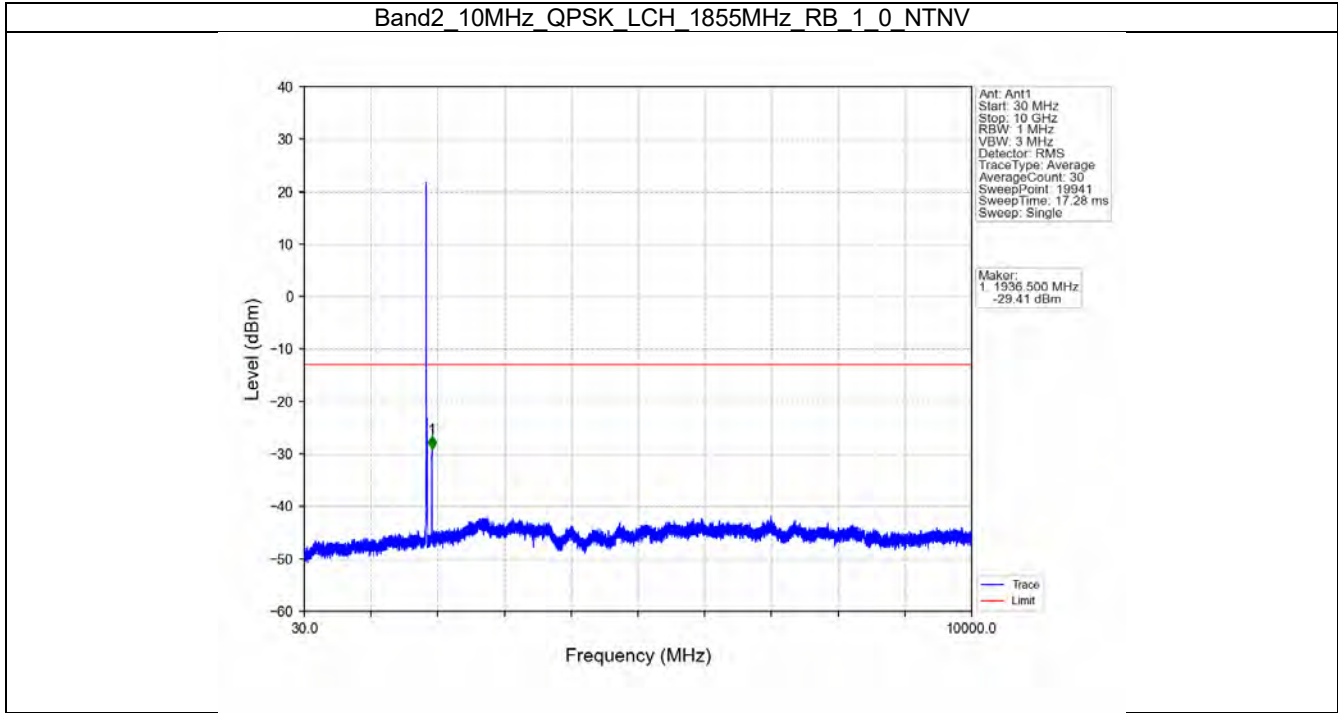
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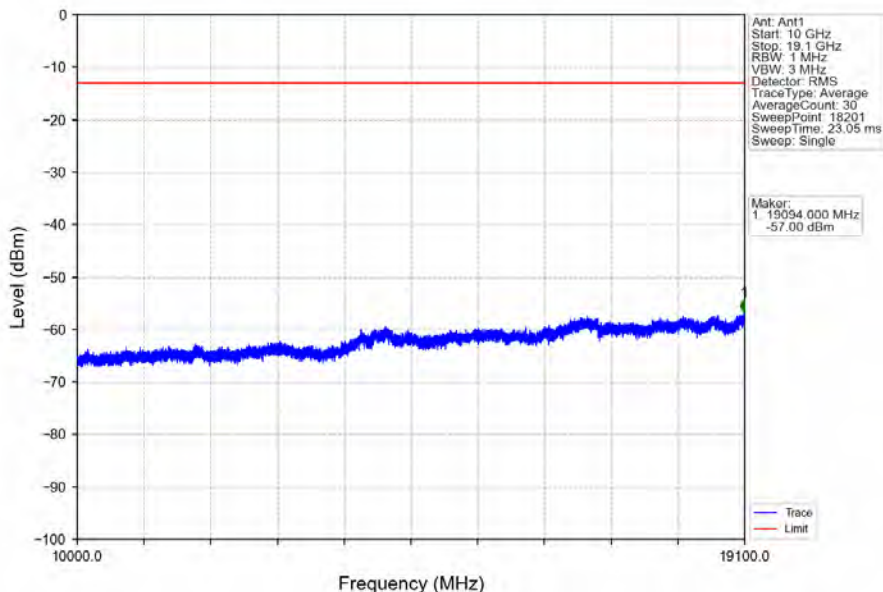
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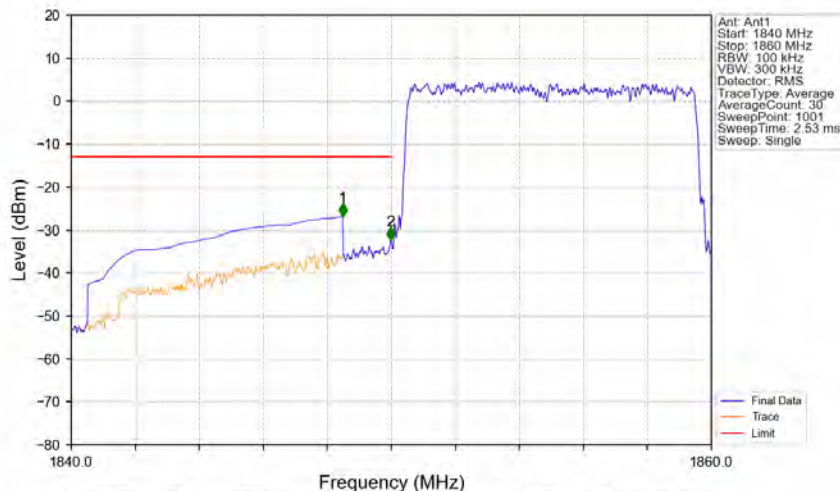
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Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_1\_0\_NTNV



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	-26.87	-13	Pass
1849	1850	0.1	/	2	1849.980	-32.46	-13	Pass
1850	1860	0.1	/	/	/	/	/	/



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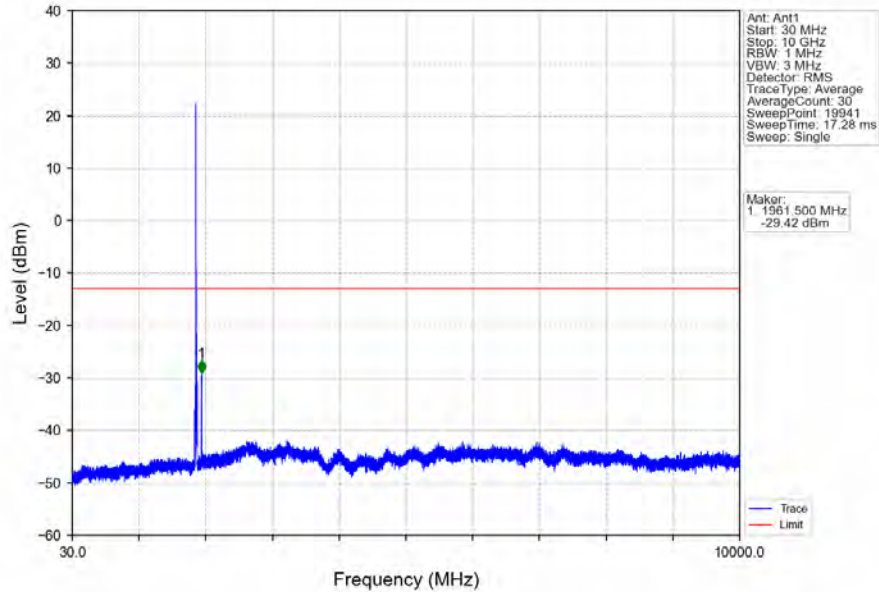
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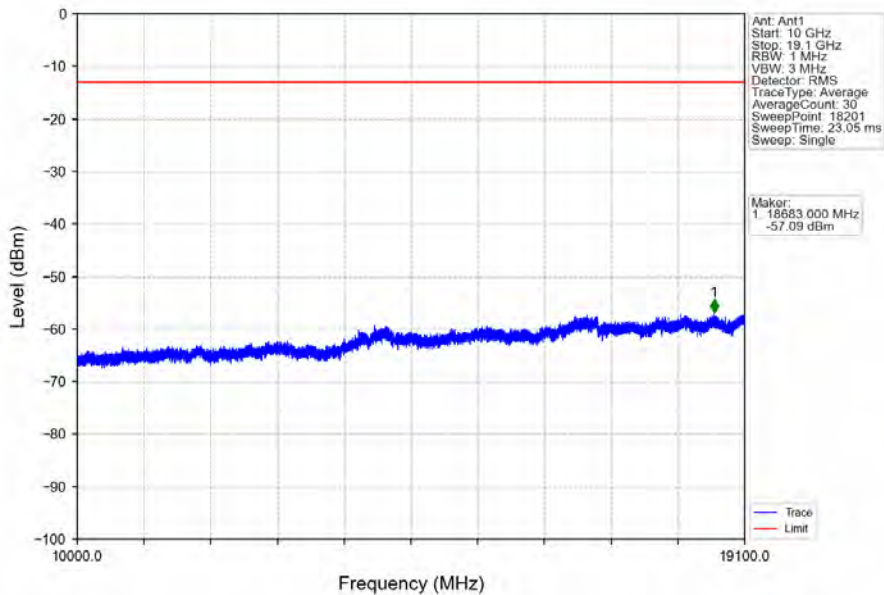
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Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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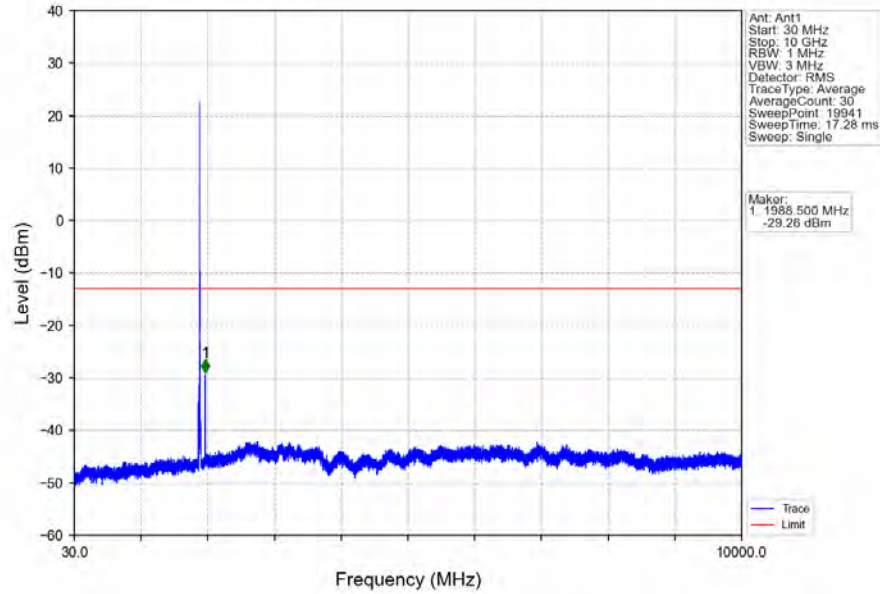
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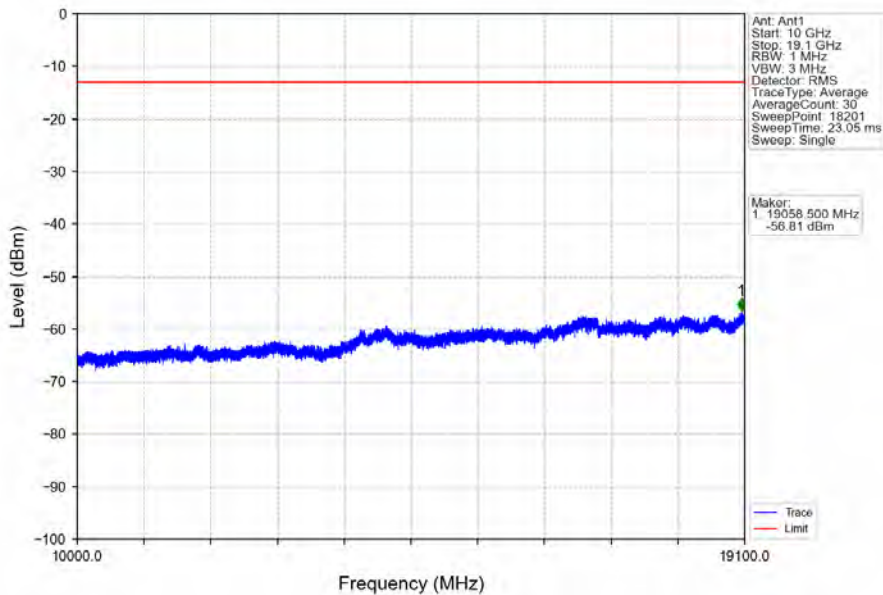
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Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_0\_NTNV



Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_0\_NTNV



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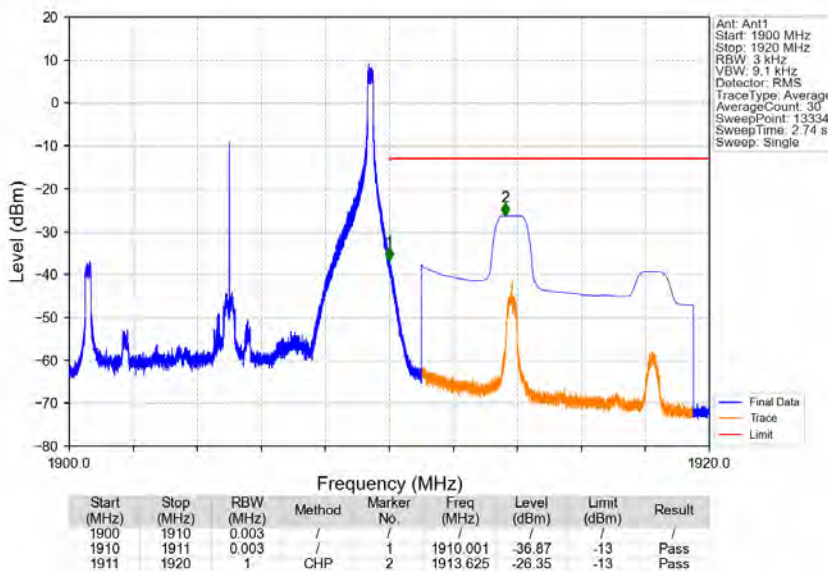
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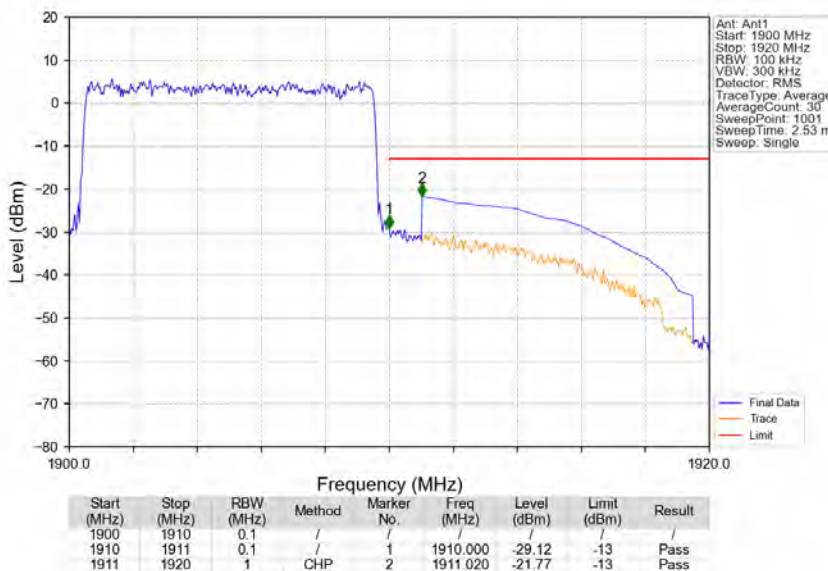
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Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_49\_NTNV



Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



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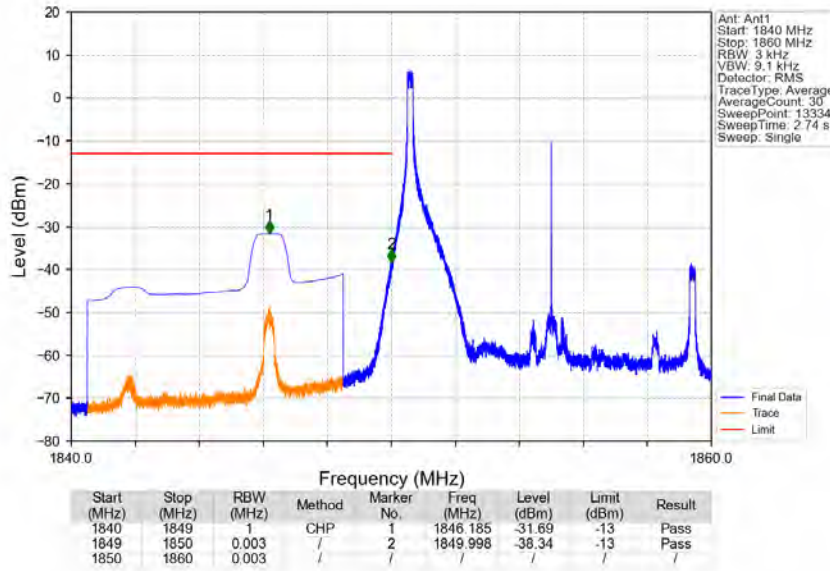
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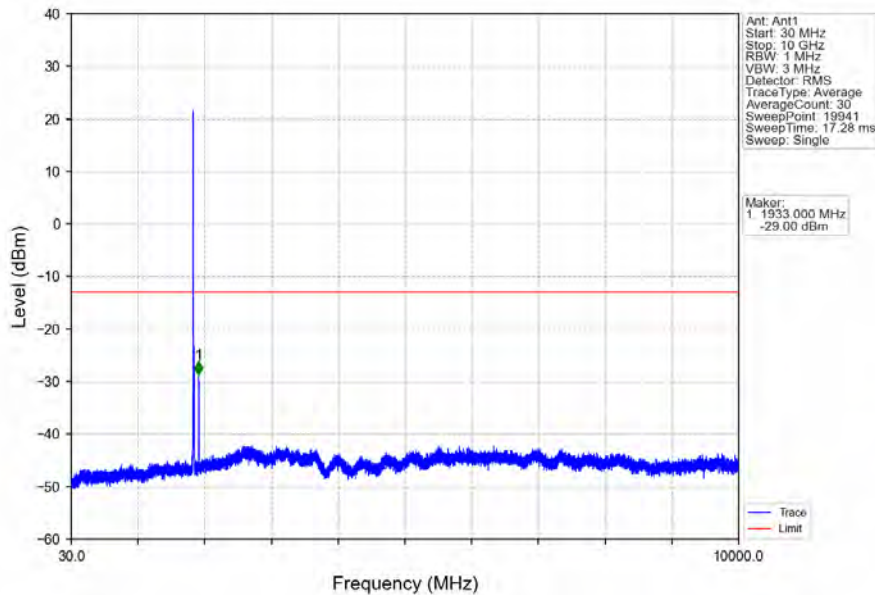
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Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV



Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV



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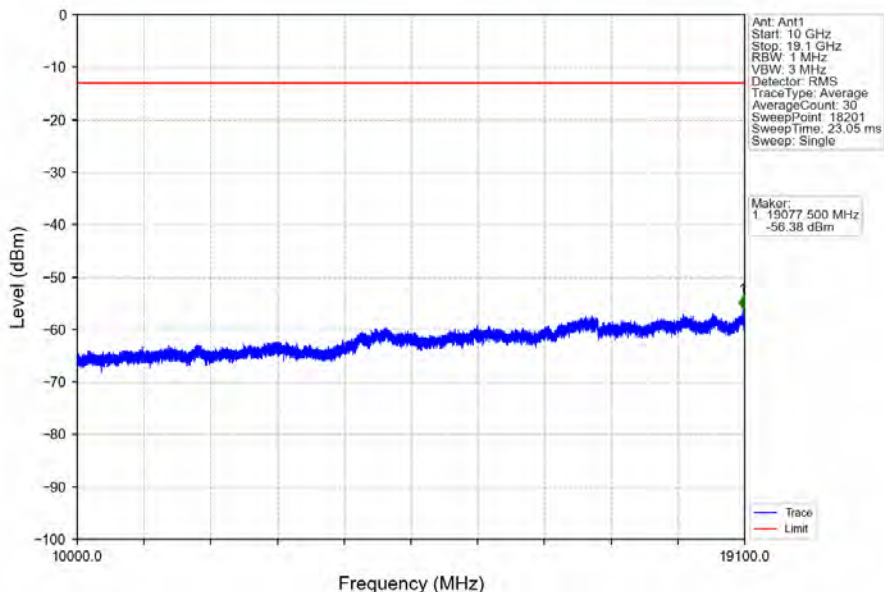
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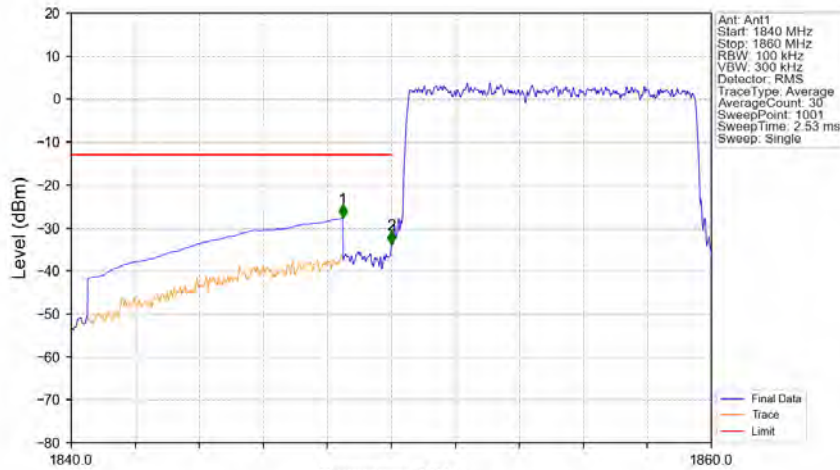
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Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.480	-27.65	-13	Pass
1849	1850	0.1	/	2	1850.000	-33.76	-13	Pass
1850	1860	0.1	/	/	/	/	/	/



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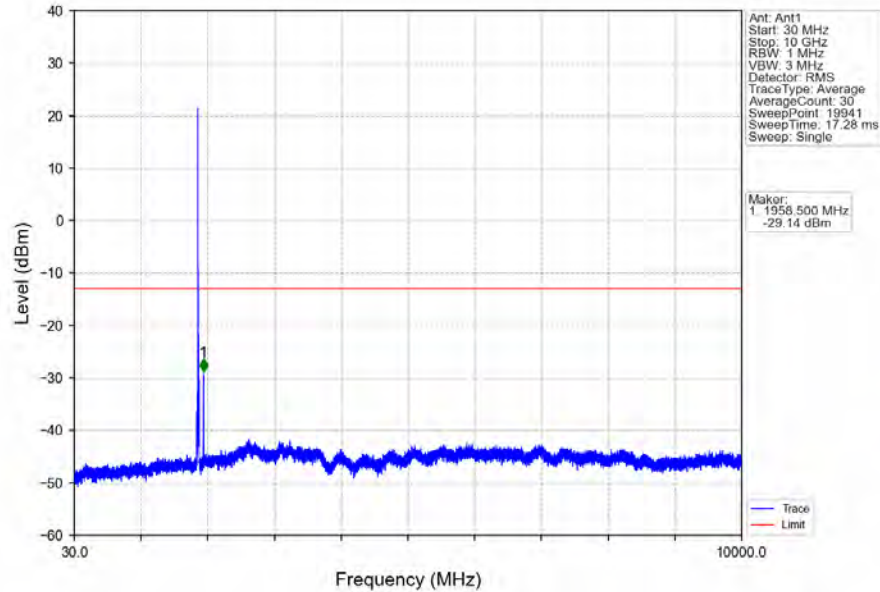
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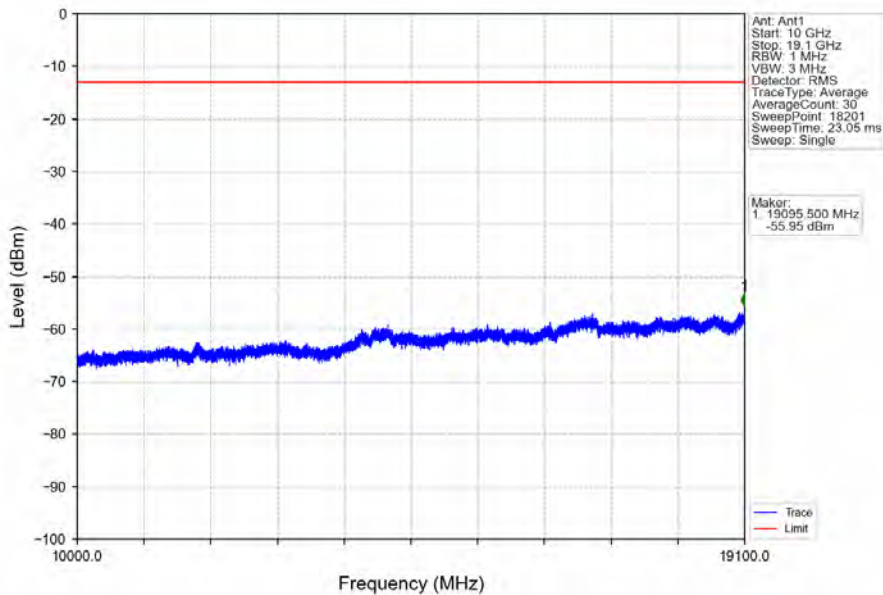
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Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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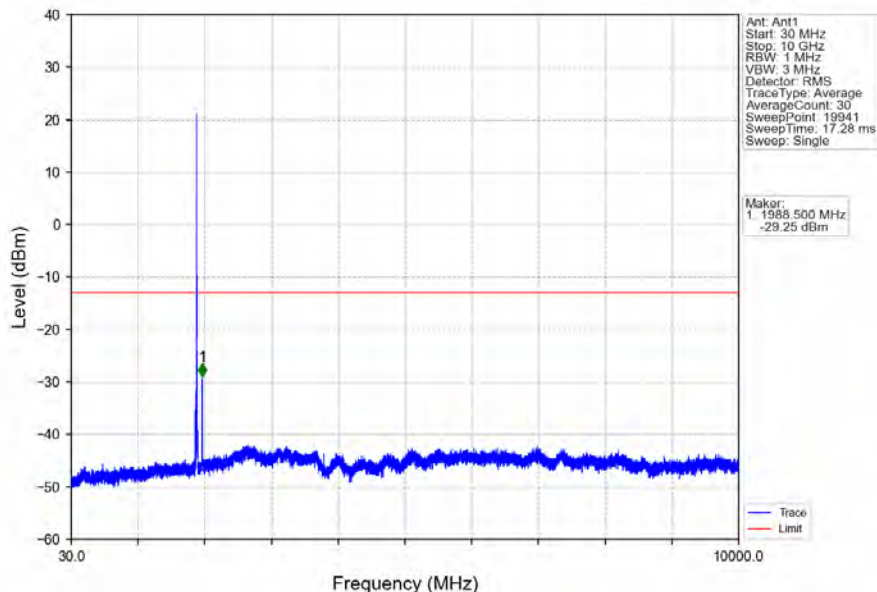




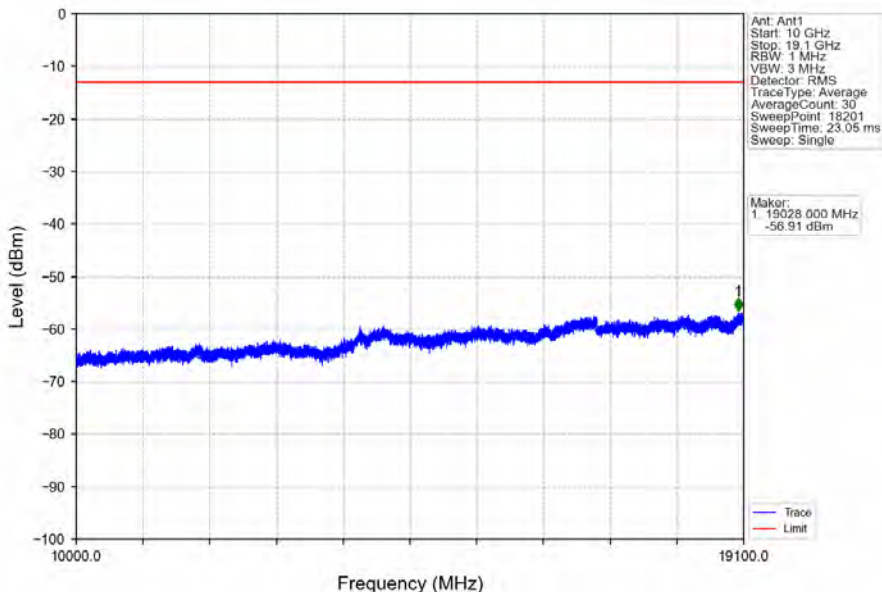
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Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_0\_NTNV



Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_0\_NTNV



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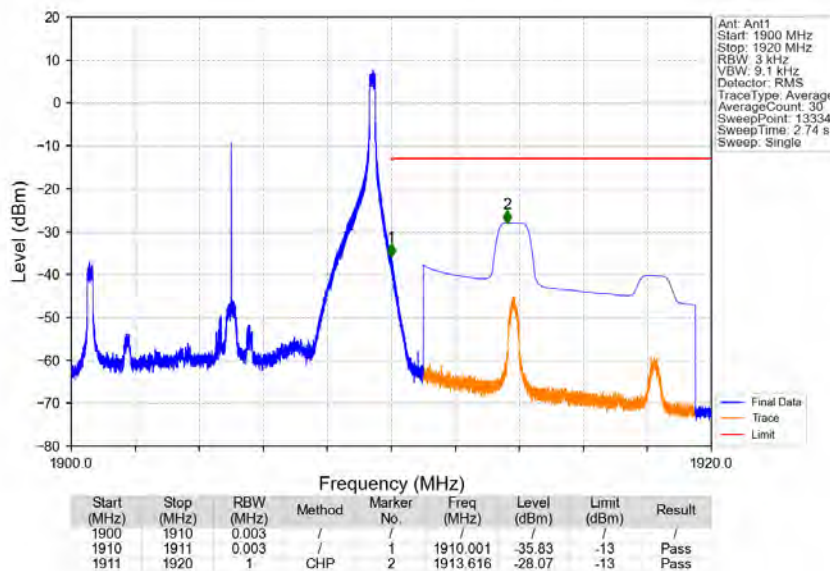
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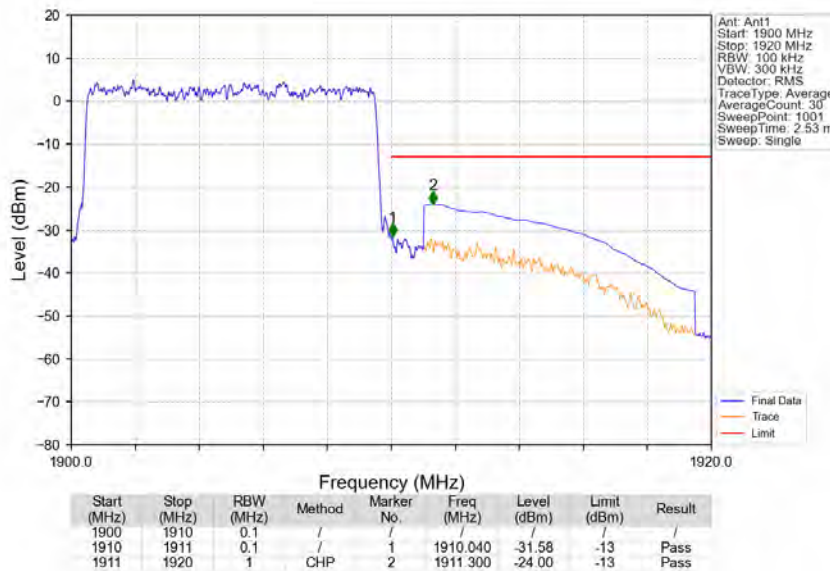
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Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_49\_NTNV



Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



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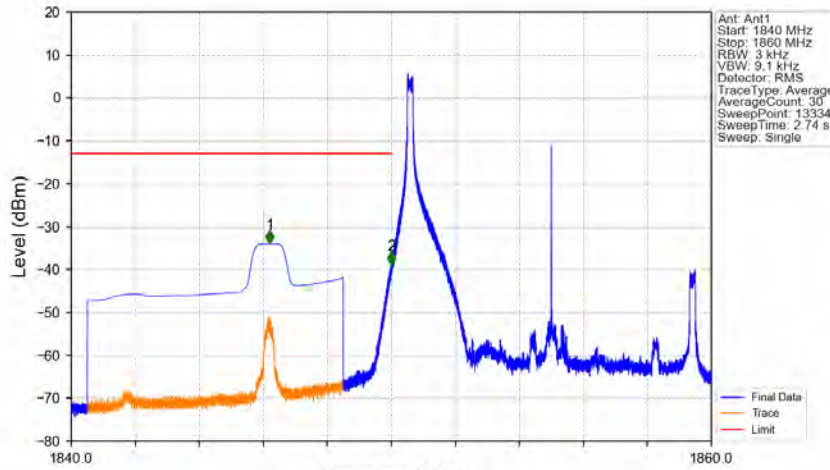
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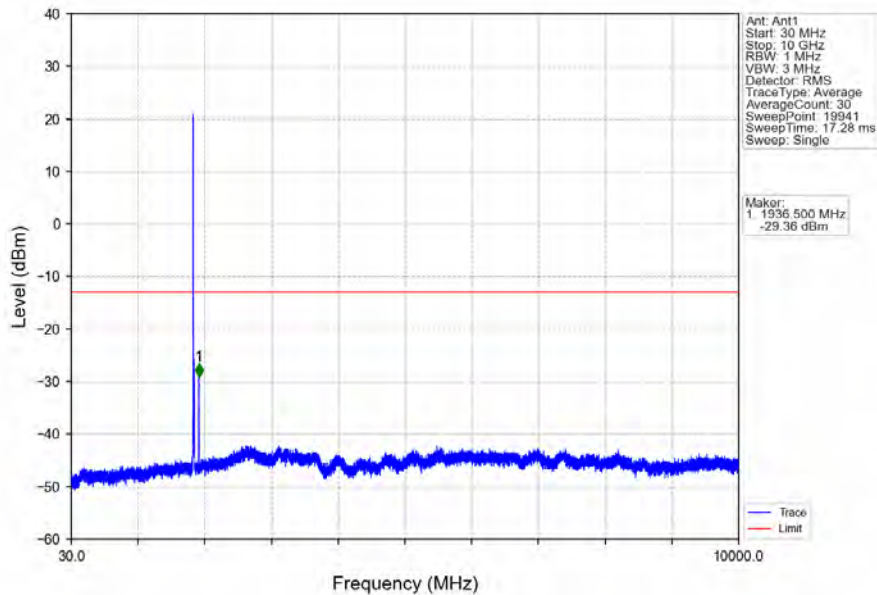
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Band2\_10MHz\_64QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1846.203	-34.01	-13	Pass
1849	1850	0.003	/	2	1849.999	-38.86	-13	Pass
1850	1860	0.003	/	/	/	/	/	/

Band2\_10MHz\_64QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV



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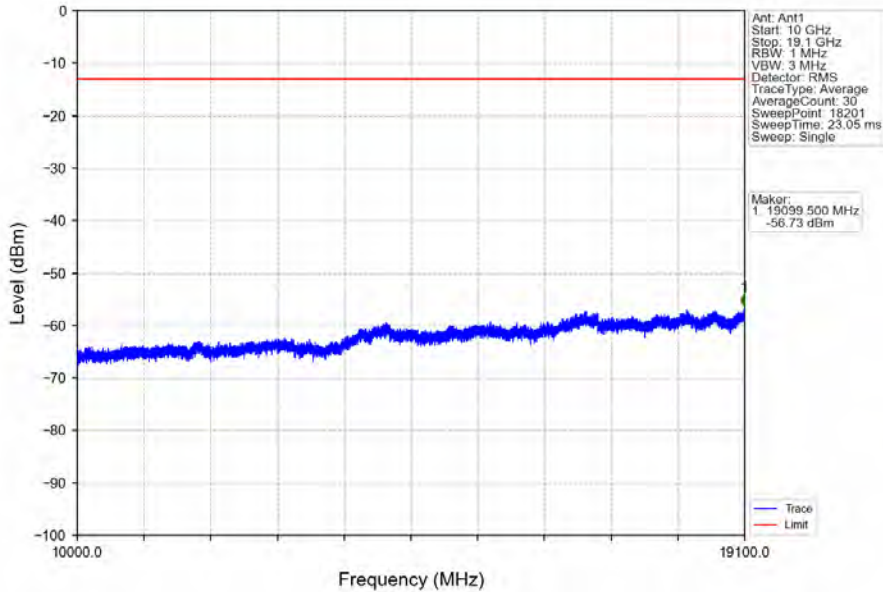
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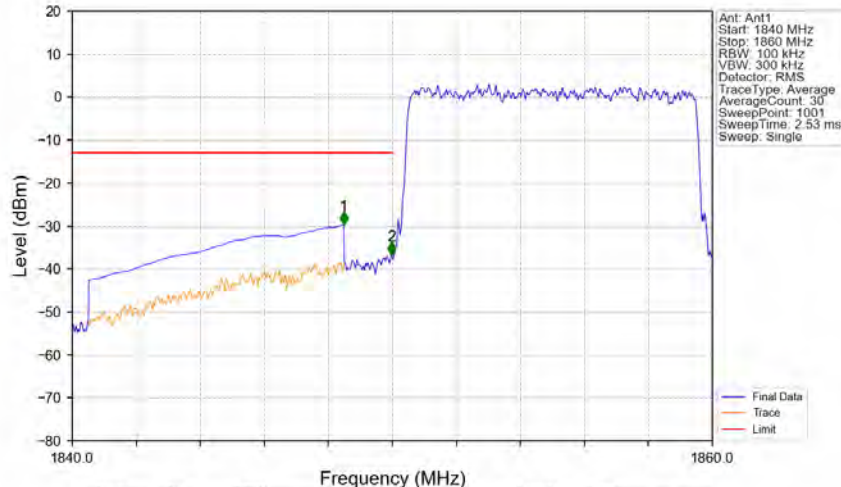
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Band2\_10MHz\_64QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV



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	-29.75	-13	Pass
1849	1850	0.1	/	2	1849.980	-36.76	-13	Pass
1850	1860	0.1	/	/	/	/	/	/



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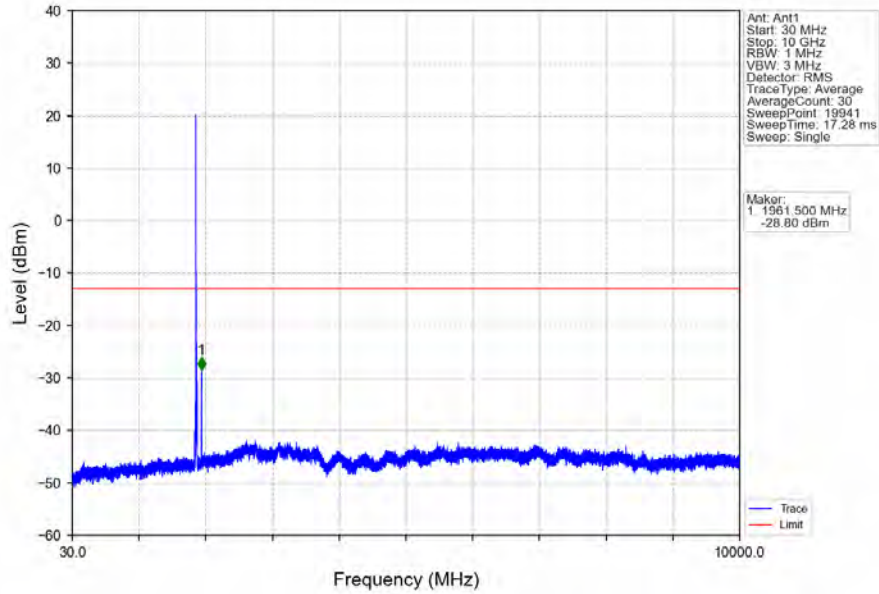
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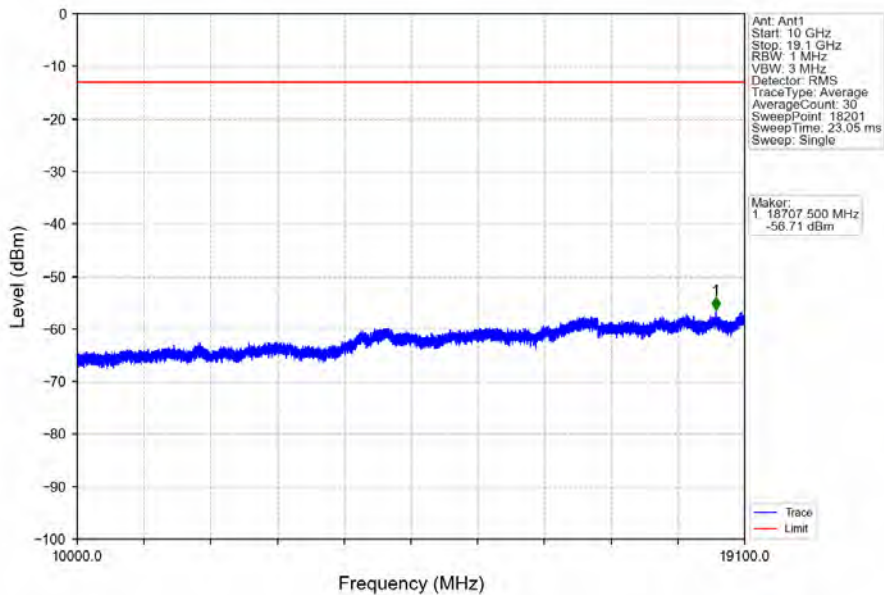
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Band2\_10MHz\_64QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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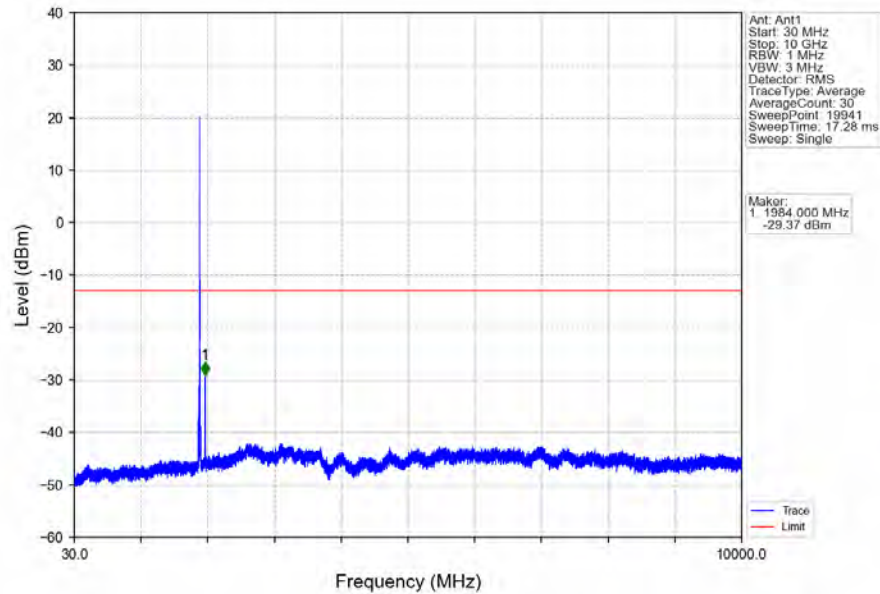
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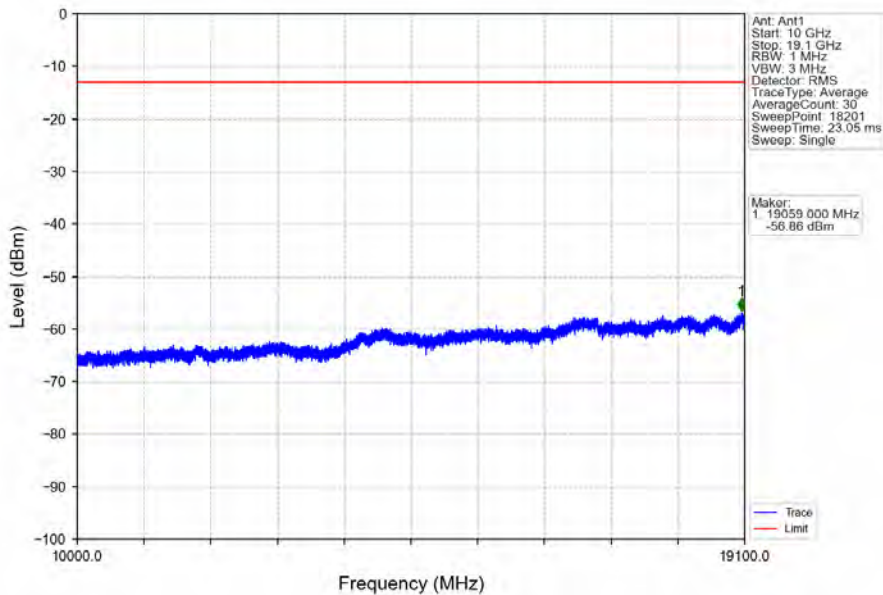
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Band2\_10MHz\_64QAM\_HCH\_1905MHz\_RB\_1\_0\_NTNV



Band2\_10MHz\_64QAM\_HCH\_1905MHz\_RB\_1\_0\_NTNV



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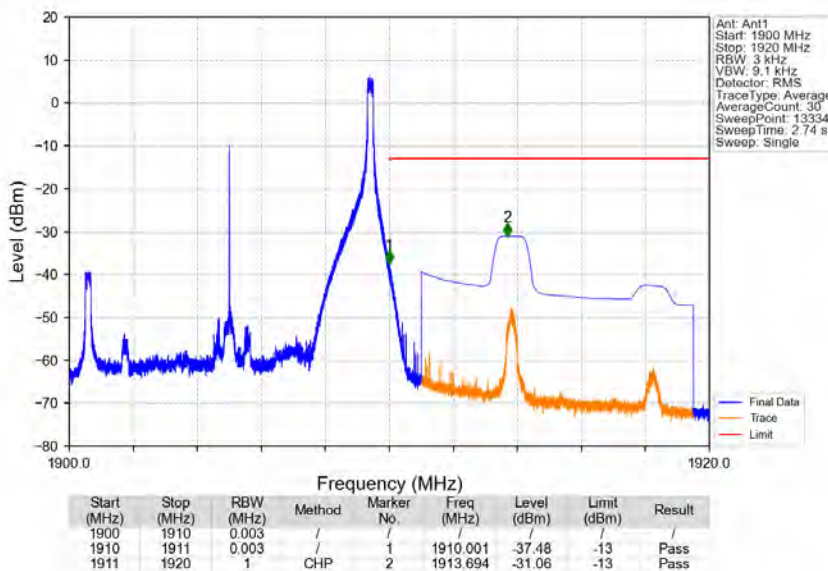
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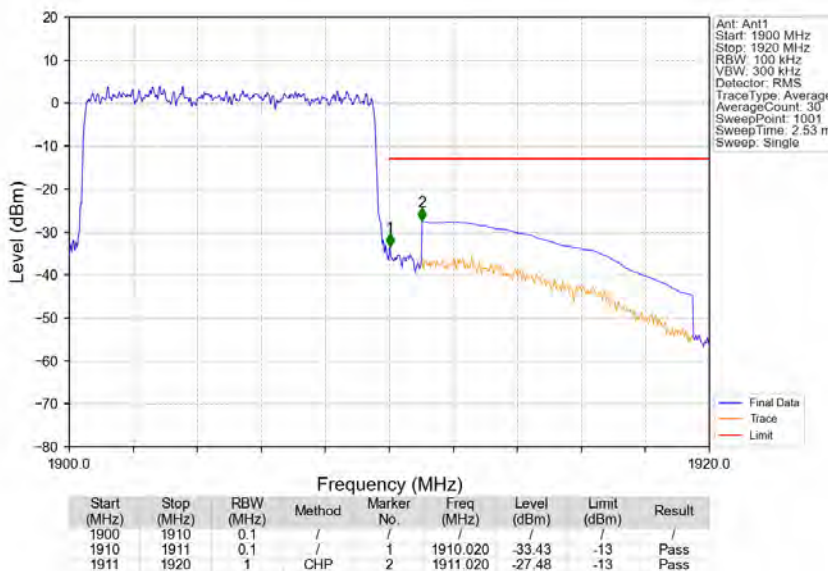
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Band2\_10MHz\_64QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



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## 6.5 B2\_15MHz

### 6.5.1 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	1880	1	0	Refer To Test Graph		Pass
			75	0	Refer To Test Graph		Pass
		1902.5	1	0	Refer To Test Graph		Pass
			74	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	1880	1	0	Refer To Test Graph		Pass
			75	0	Refer To Test Graph		Pass
		1902.5	1	0	Refer To Test Graph		Pass
			74	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	1880	1	0	Refer To Test Graph		Pass
			75	0	Refer To Test Graph		Pass
		1902.5	1	0	Refer To Test Graph		Pass
			74	0	Refer To Test Graph		Pass
1902.5	75	0	Refer To Test Graph		Pass		



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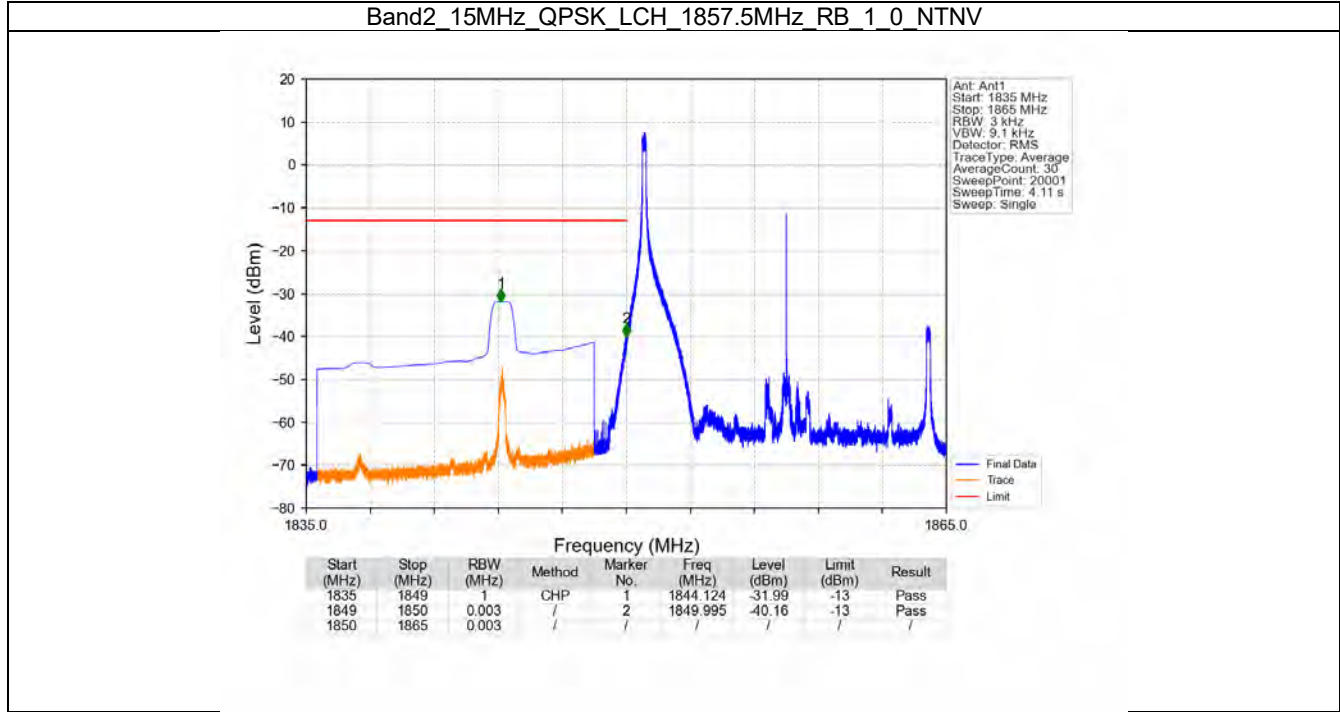




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6.5.2 Test Graph



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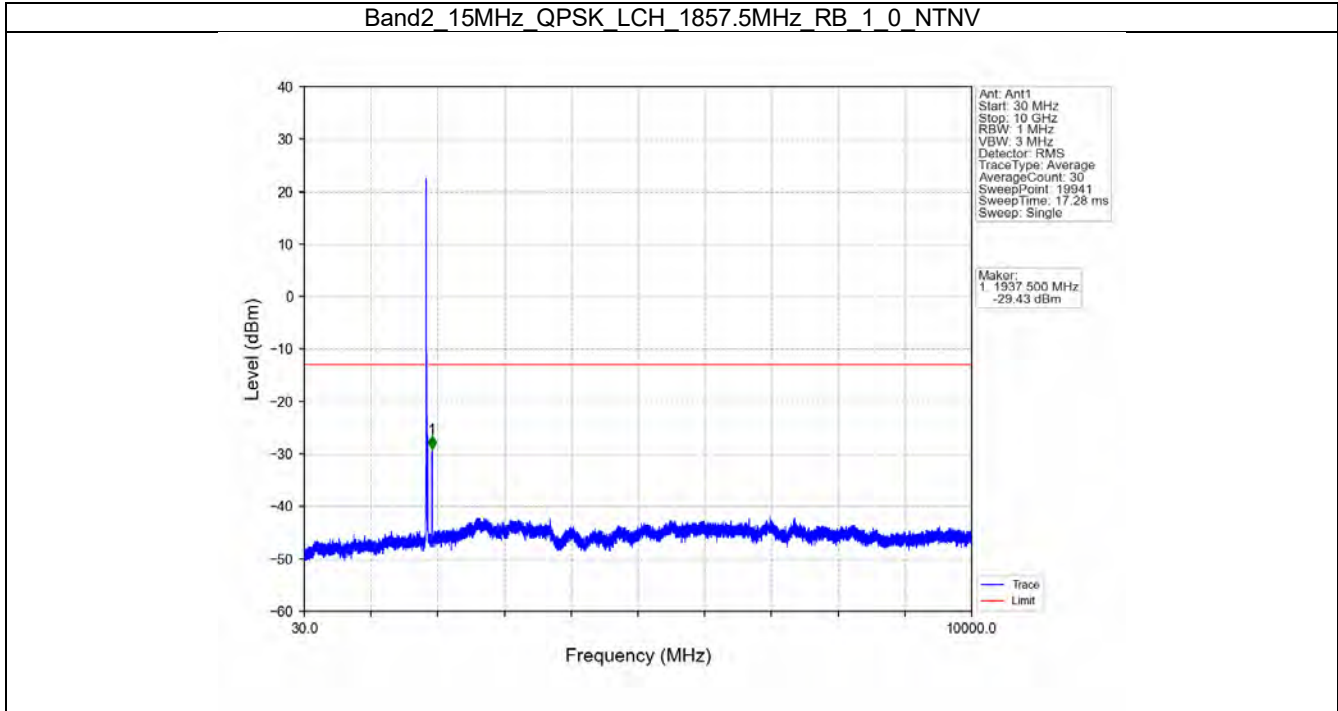
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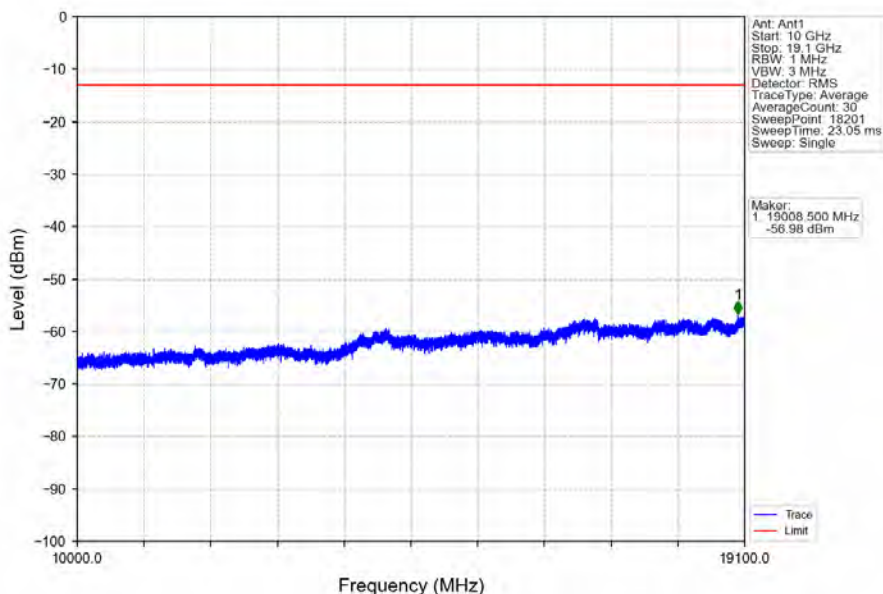
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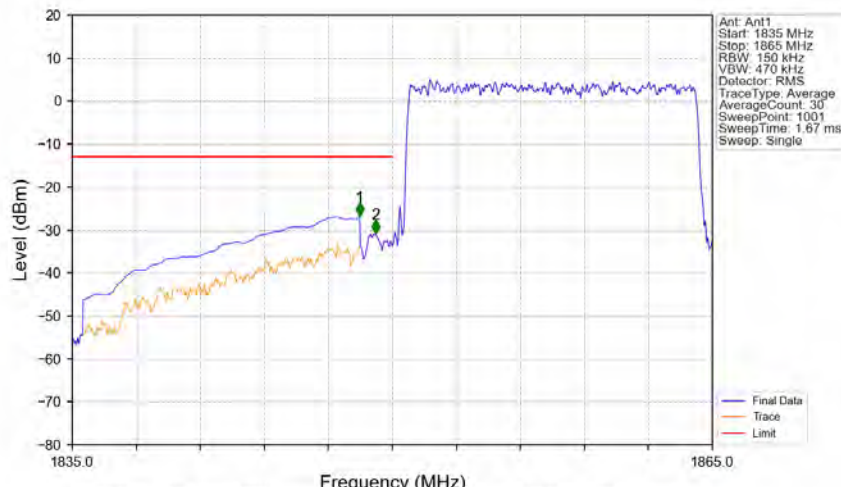
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Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV



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	-26.69	-13	Pass
1849	1850	0.15	/	2	1849.220	-30.87	-13	Pass
1850	1865	0.15	/	/	/	/	/	/



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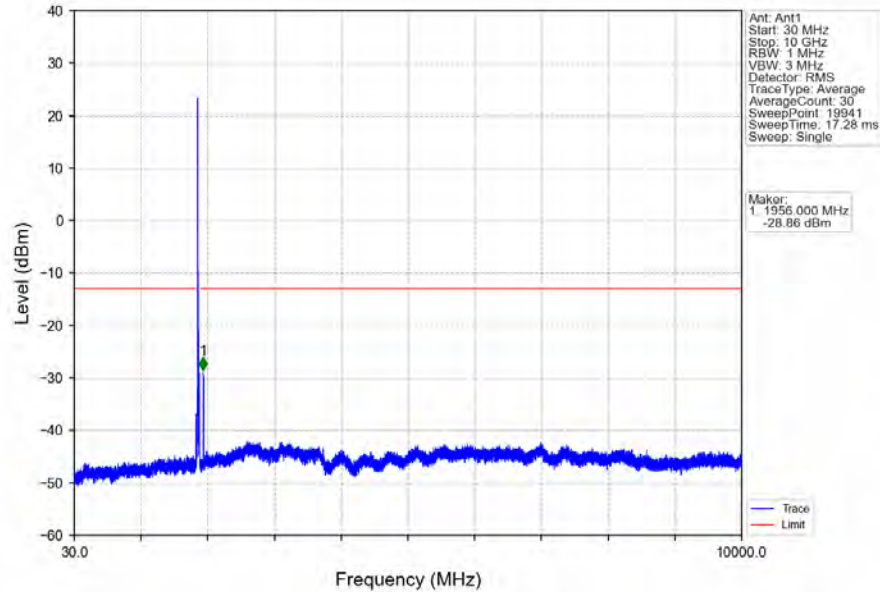
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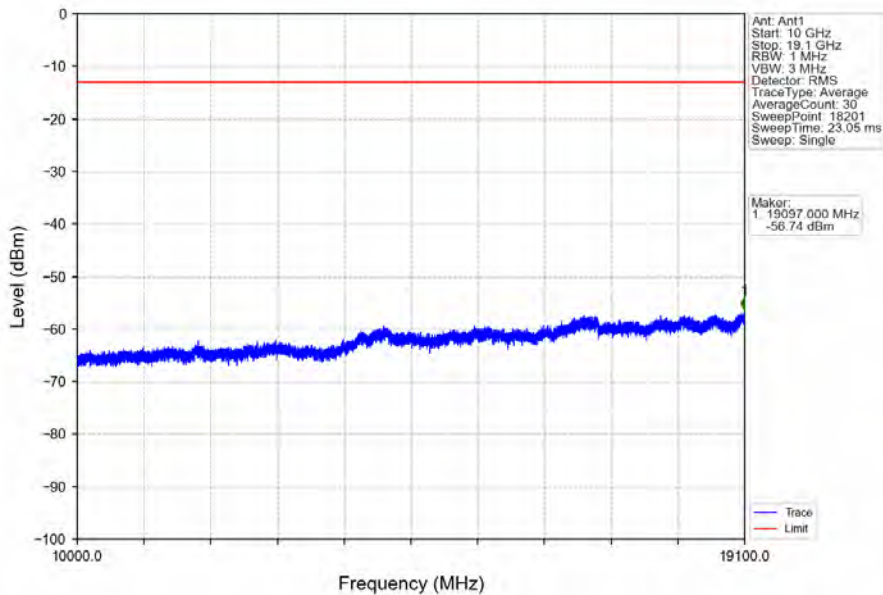
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Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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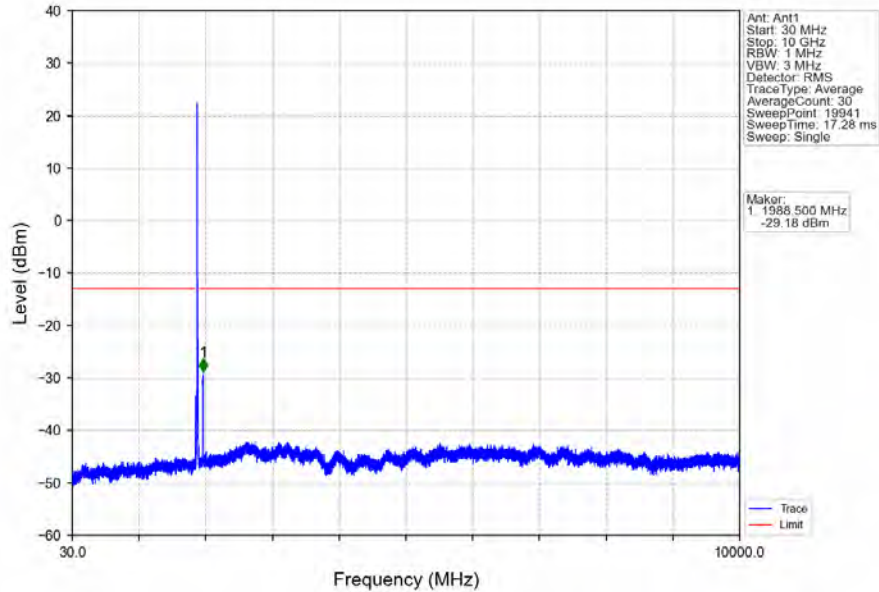
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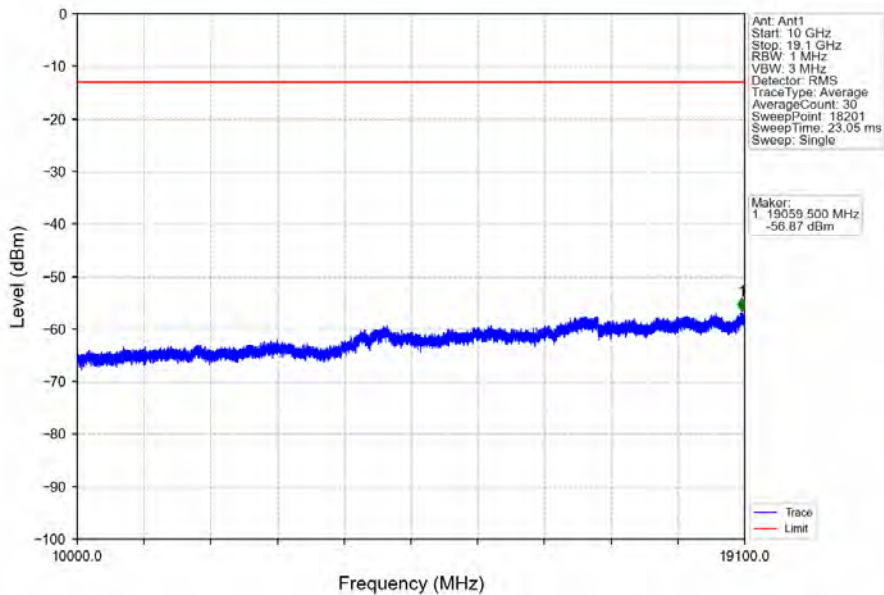
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Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_1\_0\_NTNV



Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_1\_0\_NTNV



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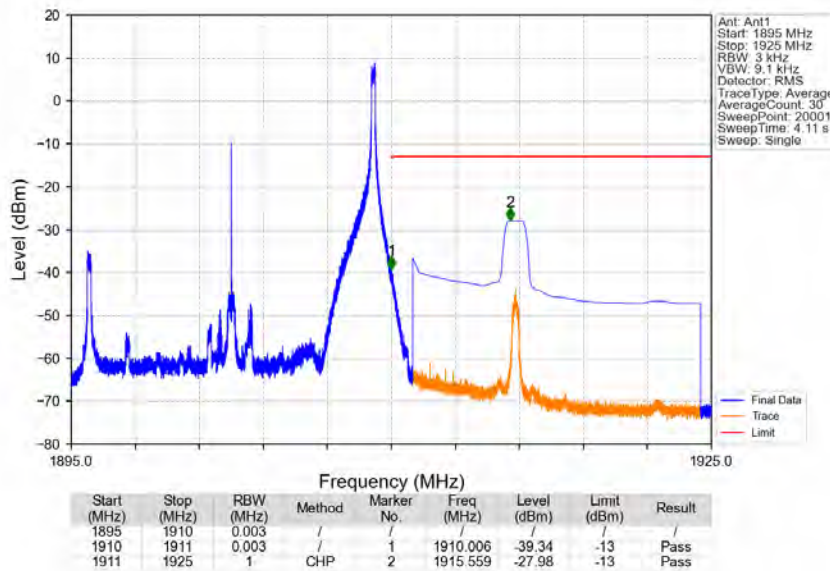
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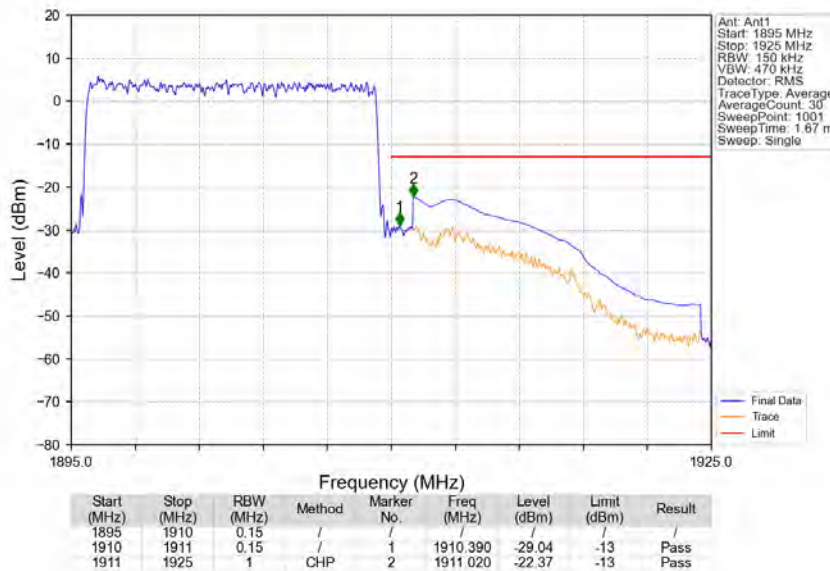
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Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_1\_74\_NTNV



Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



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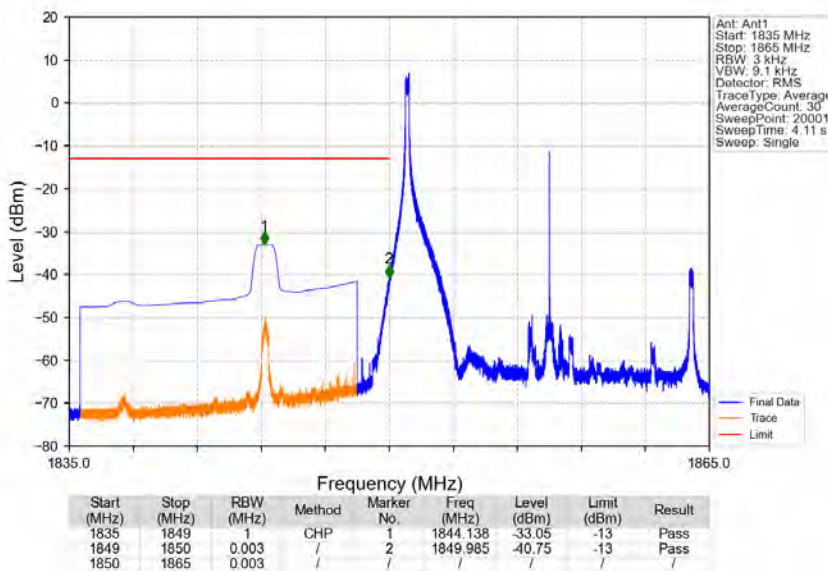
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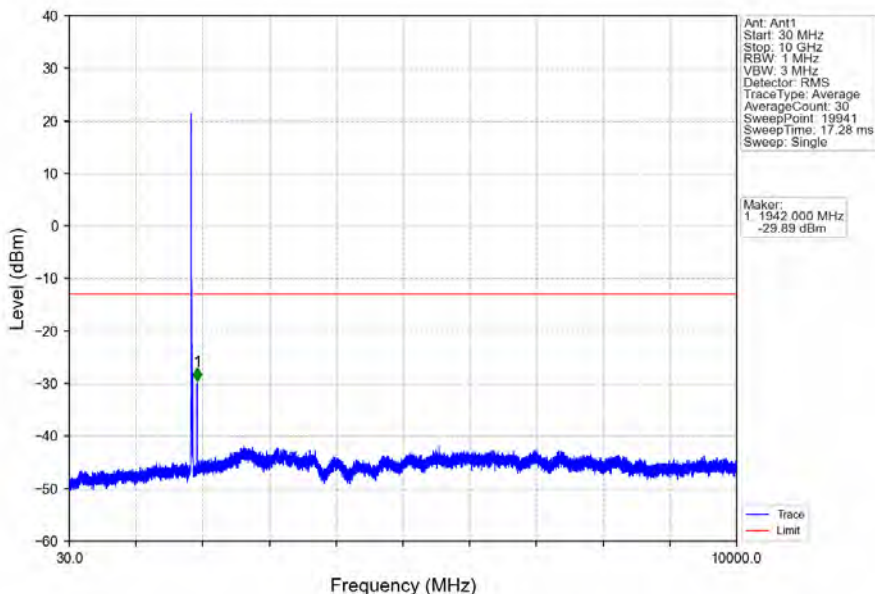
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Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_1\_0\_NTV



Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_1\_0\_NTV



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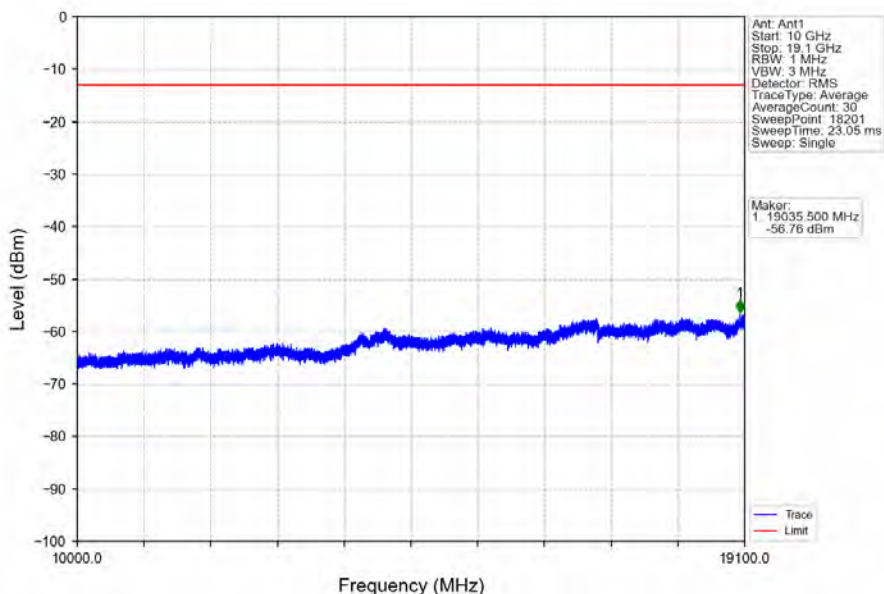
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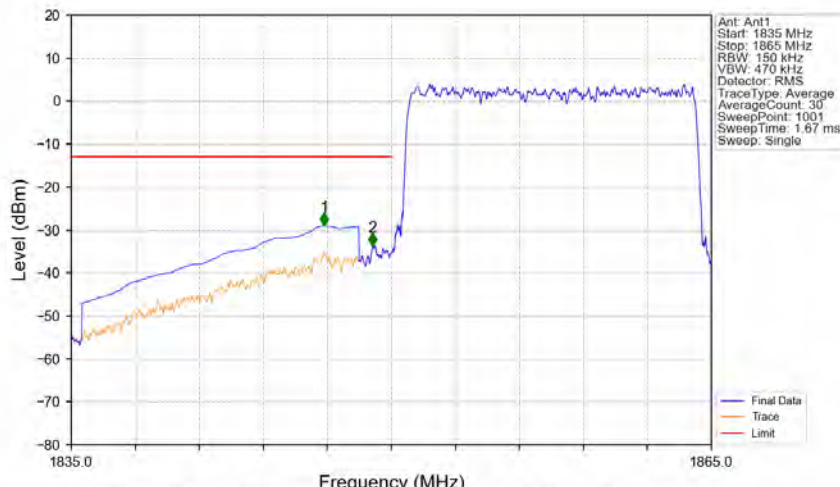
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Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV



Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1846.850	-29.10	-13	Pass
1849	1850	0.15	/	2	1849.130	-33.75	-13	Pass
1850	1865	0.15	/	/	/	/	/	/



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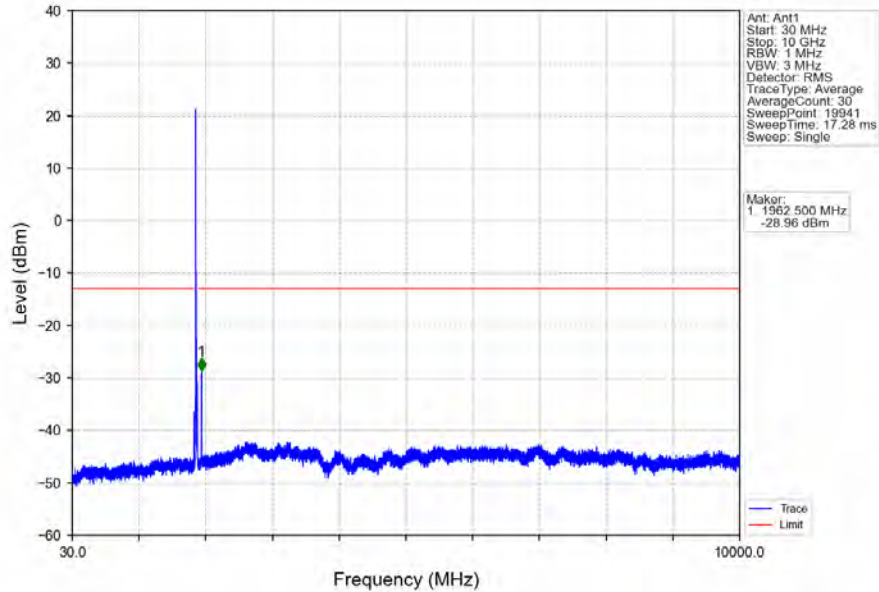




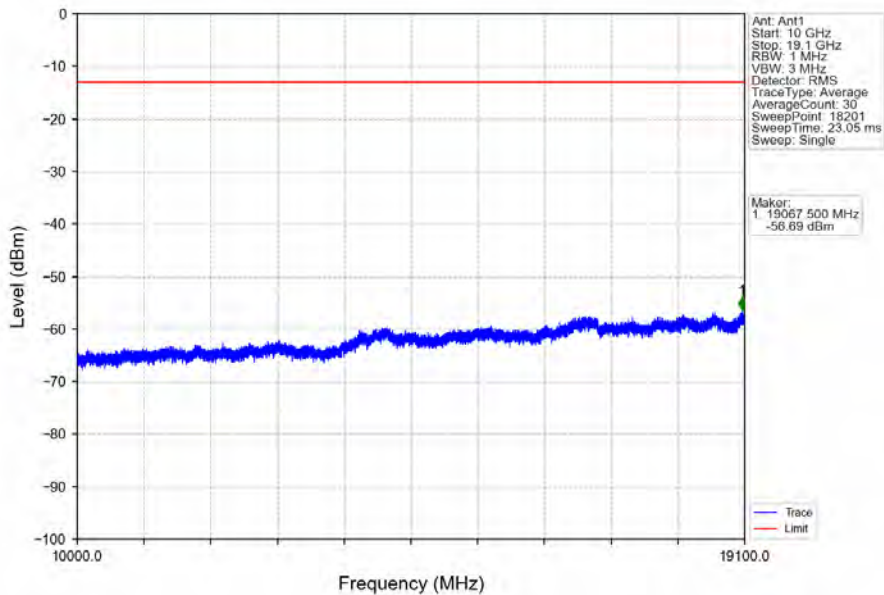
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Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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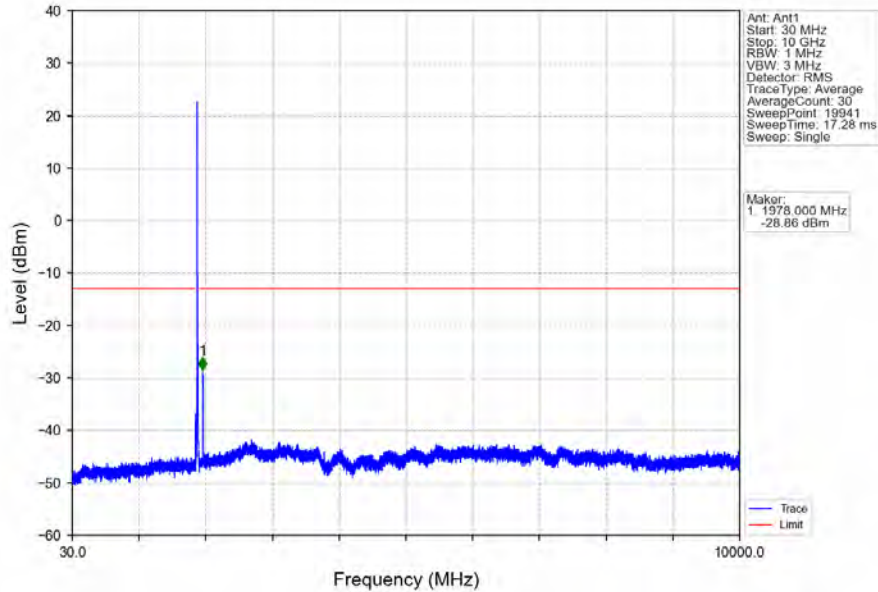
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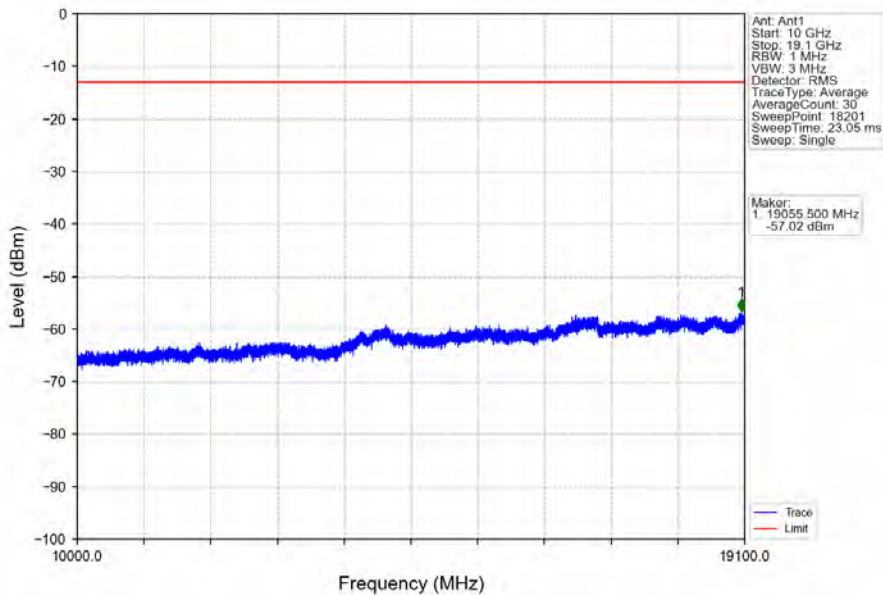
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Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_1\_0\_NTNV



Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_1\_0\_NTNV



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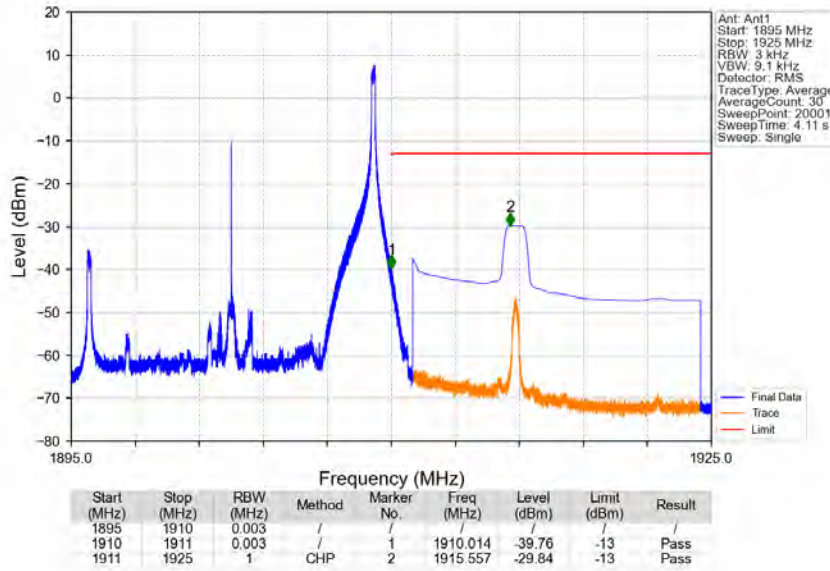
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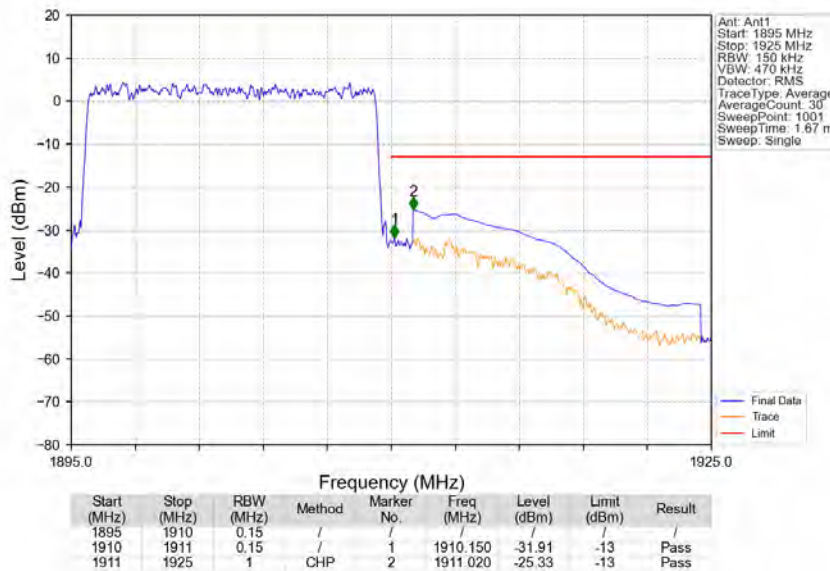
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Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_1\_74\_NTNV



Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



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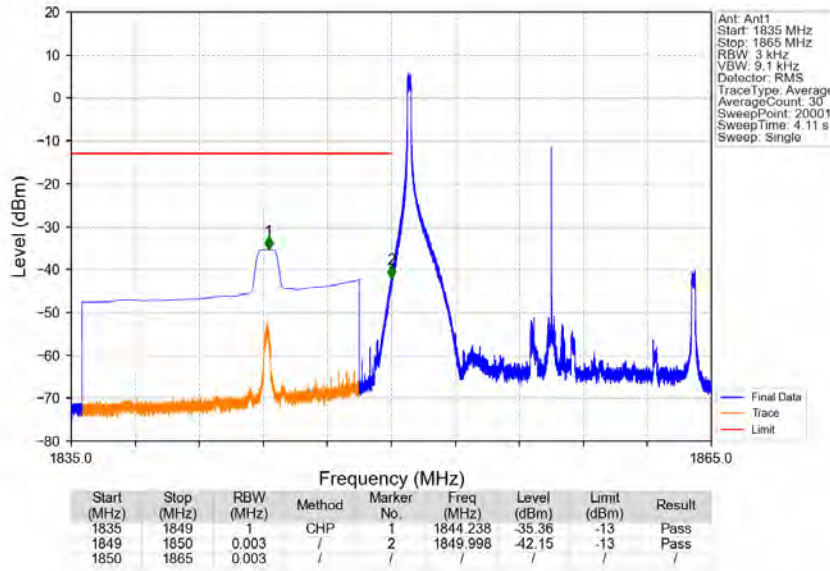
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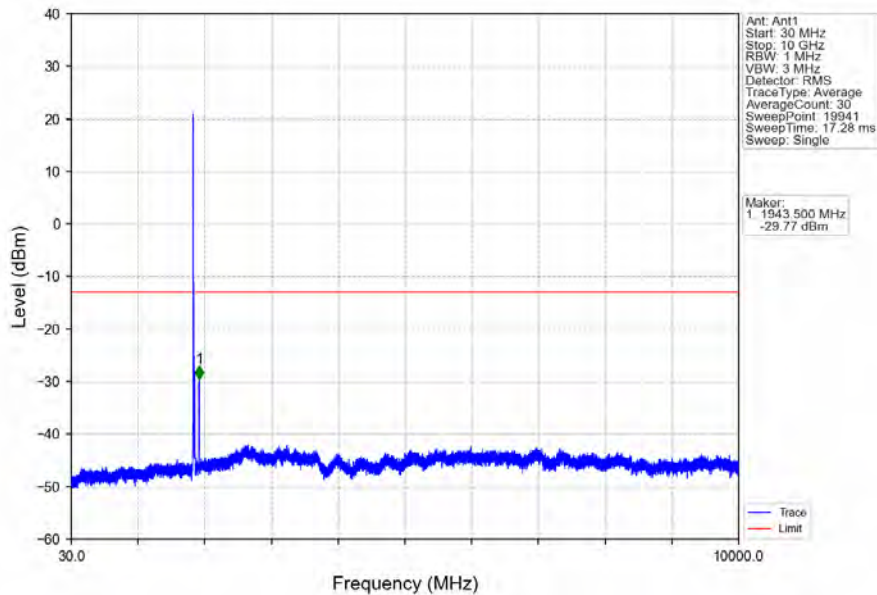
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Band2\_15MHz\_64QAM\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV



Band2\_15MHz\_64QAM\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV



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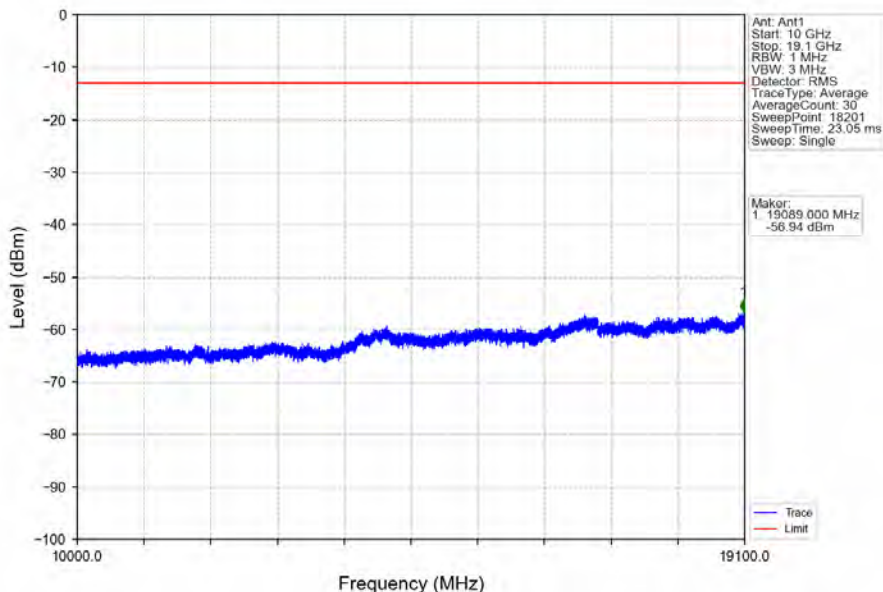
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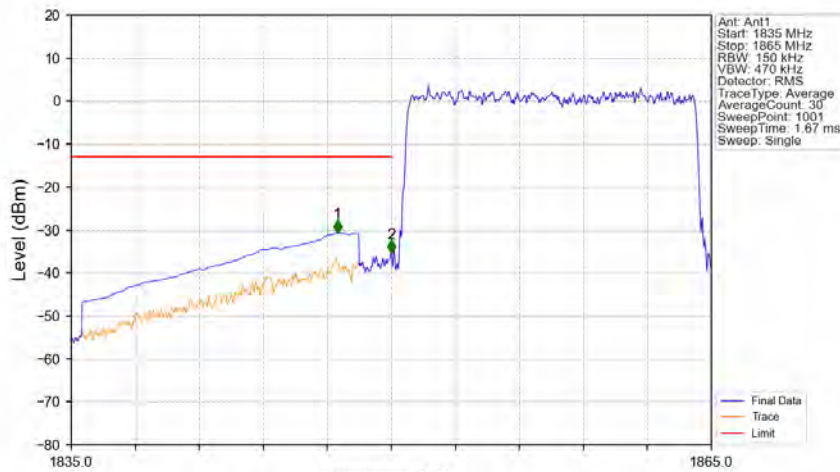
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Band2\_15MHz\_64QAM\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV



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	1847.480	-30.70	-13	Pass
1849	1850	0.15	/	2	1850.000	-35.44	-13	Pass
1850	1865	0.15	/	/	/	/	/	/



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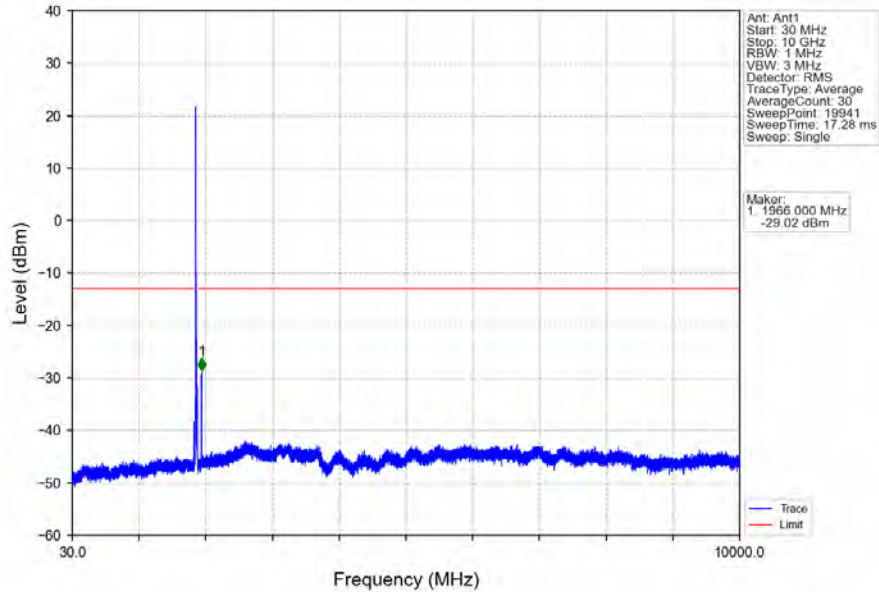
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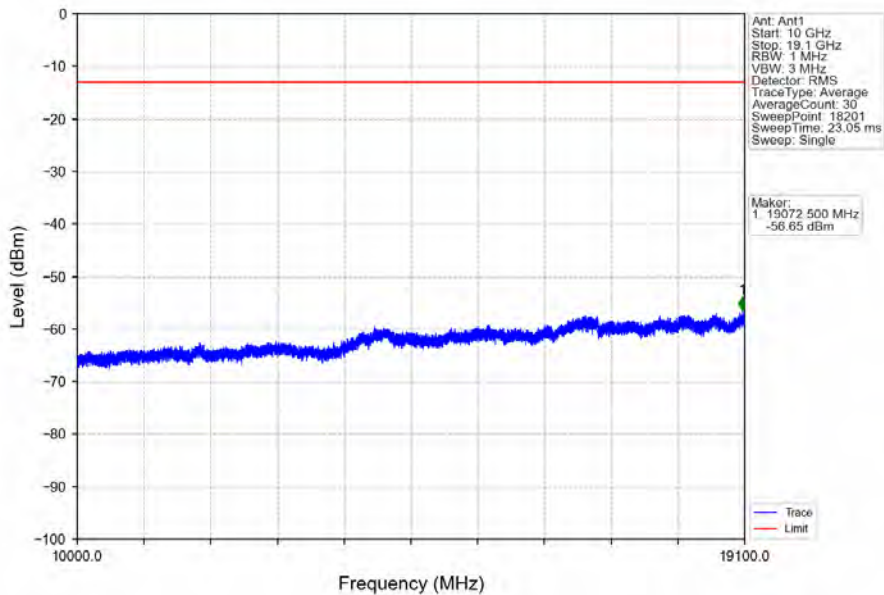
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Band2\_15MHz\_64QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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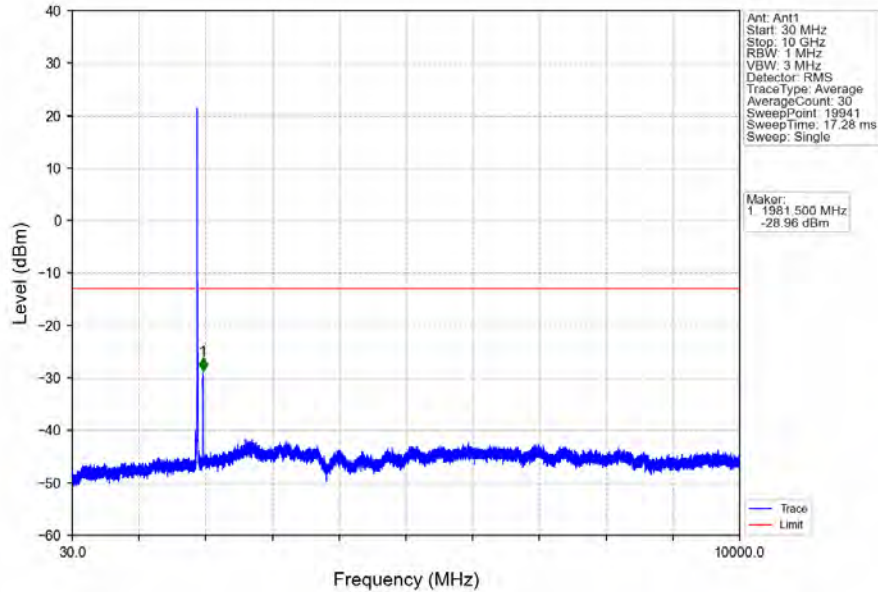
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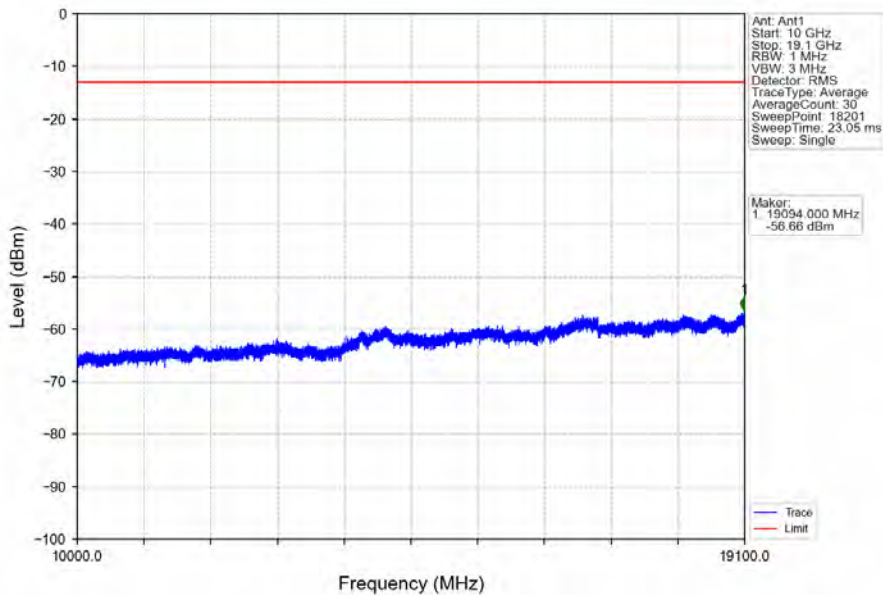
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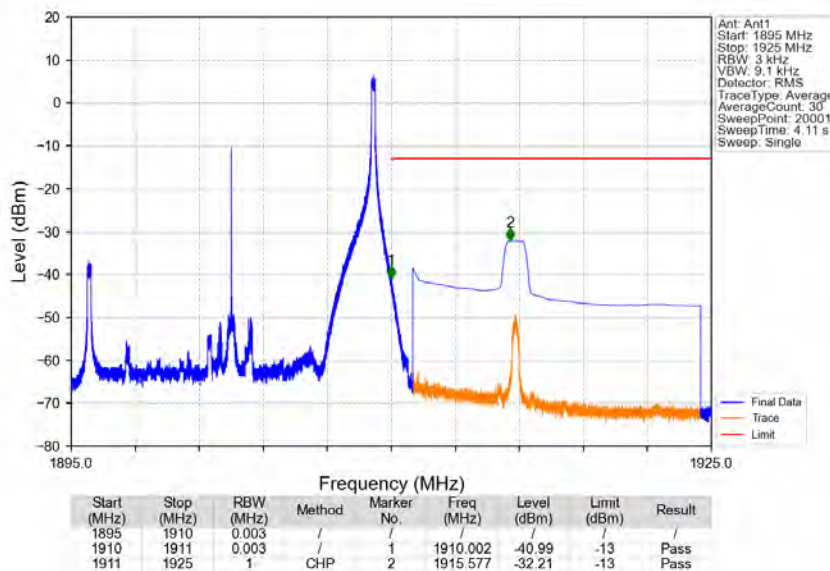
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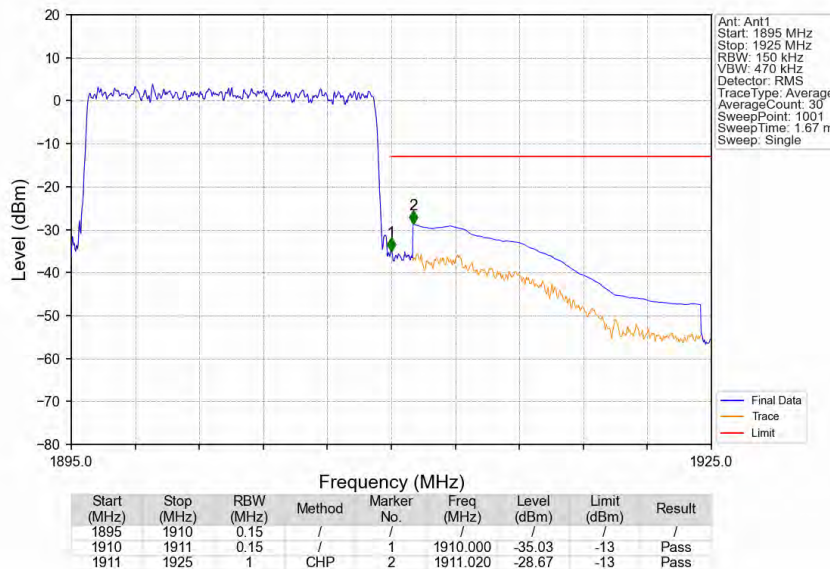
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Band2\_15MHz\_64QAM\_HCH\_1902.5MHz\_RB\_1\_74\_NTNV



Band2\_15MHz\_64QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



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## 6.6 B2\_20MHz

### 6.6.1 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	
		1	0	Refer To Test Graph	Pass	
	1900	1	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	
		1	0	Refer To Test Graph	Pass	
	1900	1	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	
		1	0	Refer To Test Graph	Pass	
	1900	1	99	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	



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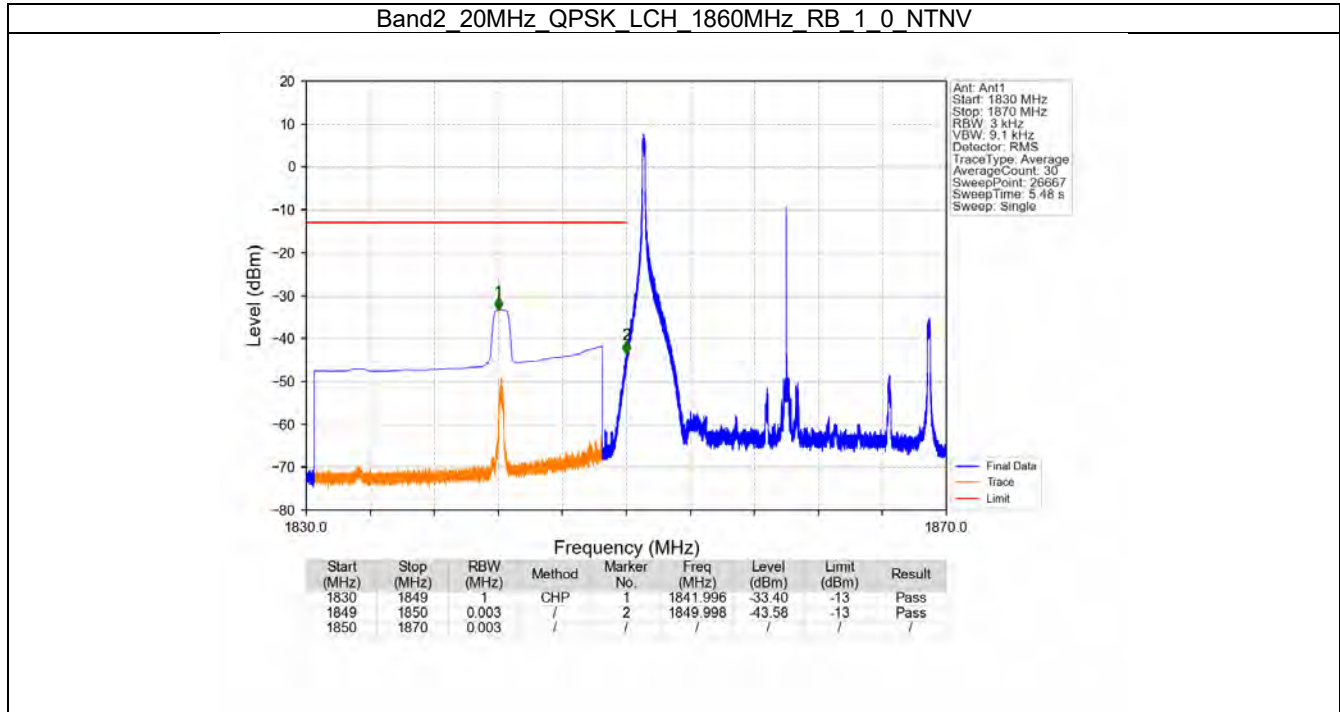
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6.6.2 Test Graph



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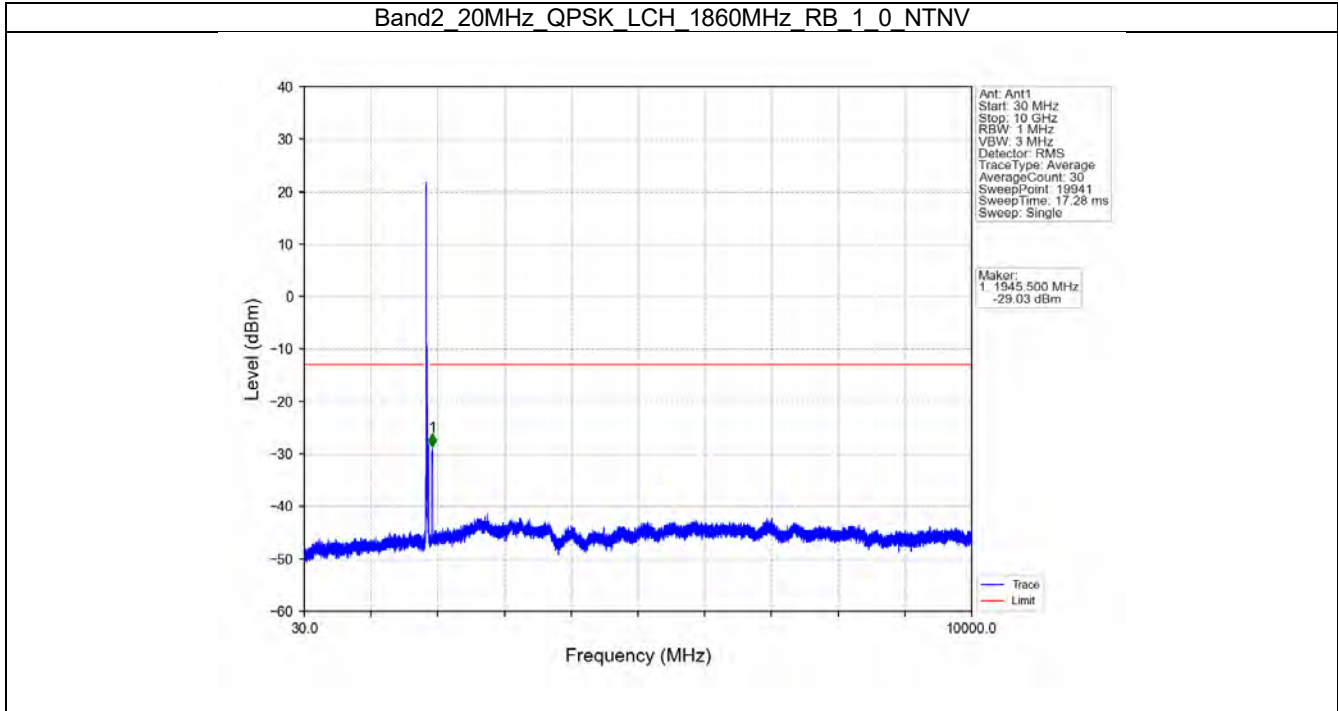
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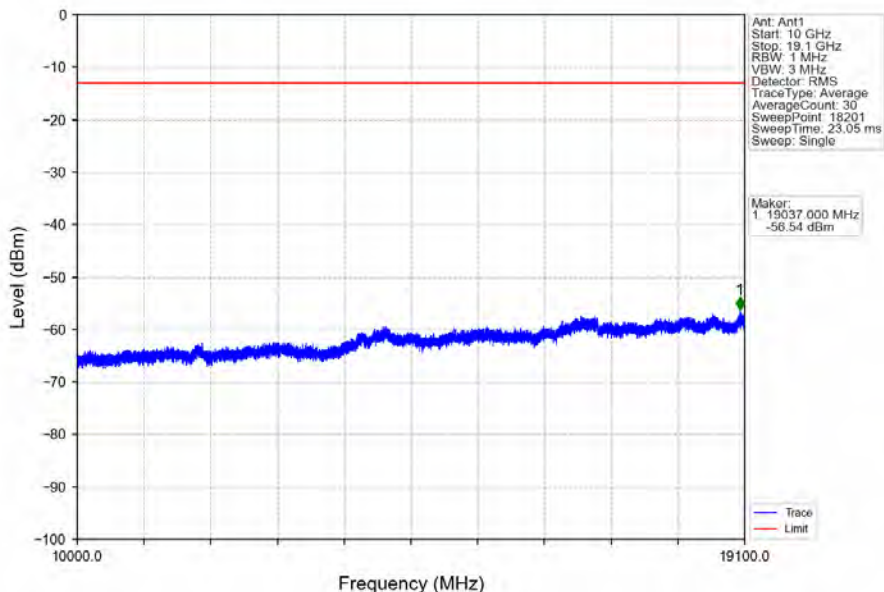
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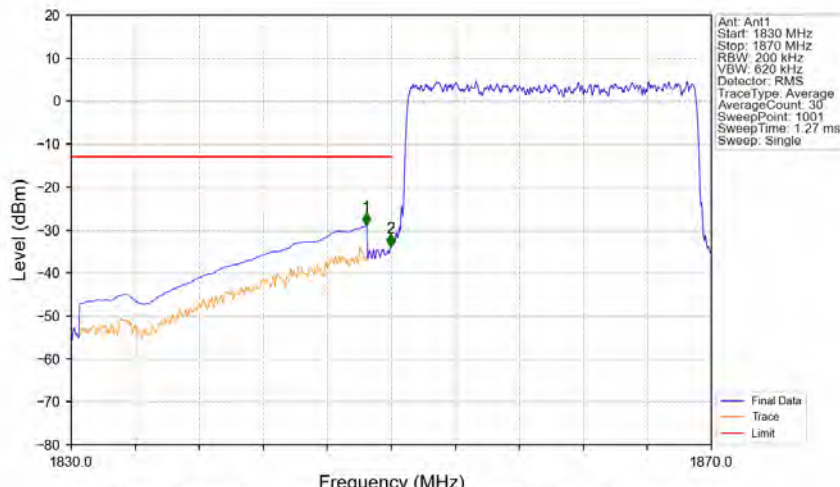
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Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_1\_0\_NTNV



Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.440	-29.07	-13	Pass
1849	1850	0.2	/	2	1849.960	-33.98	-13	Pass
1850	1870	0.2	/	/	/	/	/	/



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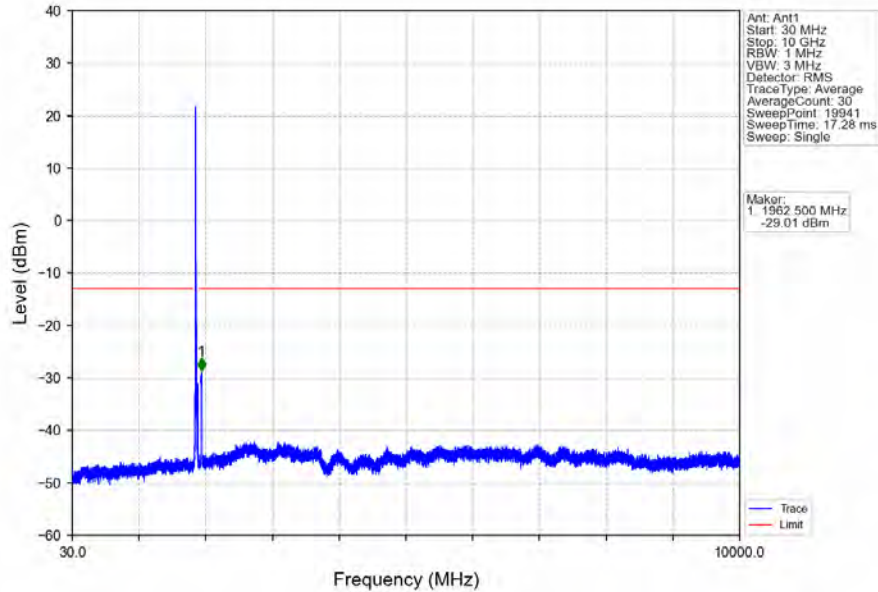
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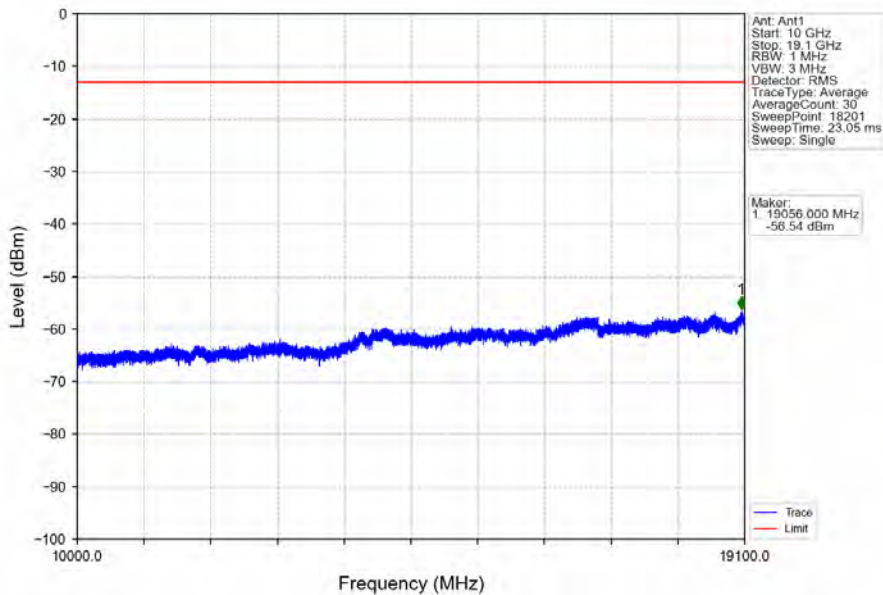
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Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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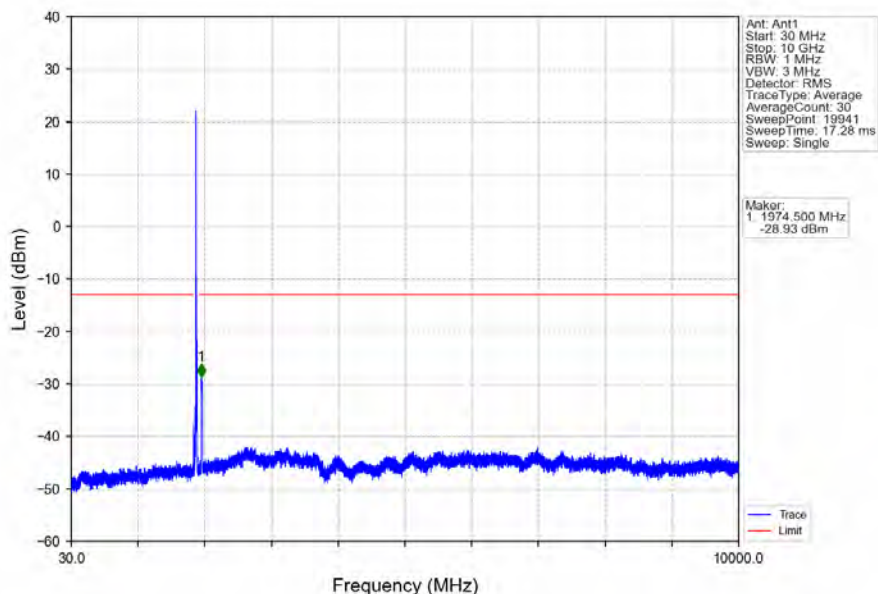
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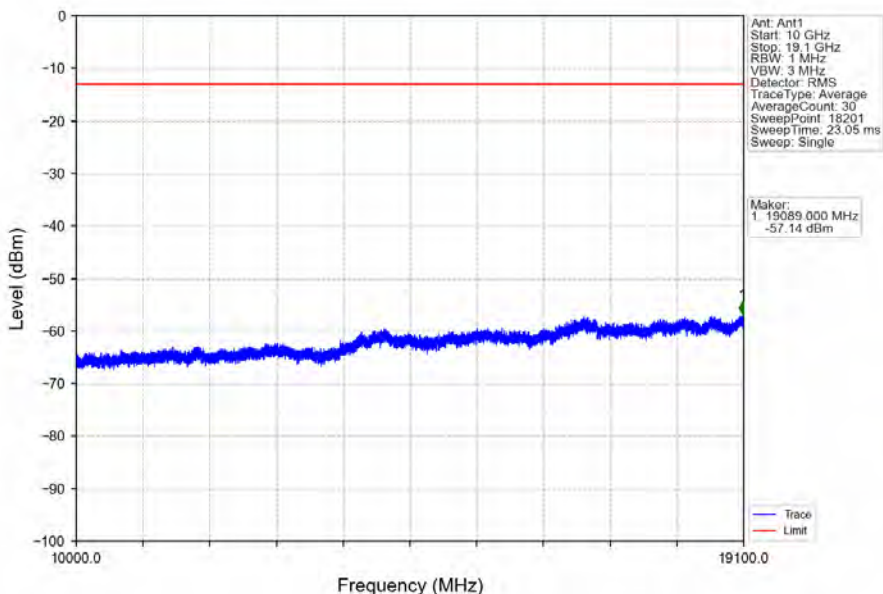
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Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_1\_0\_NTNV



Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_1\_0\_NTNV



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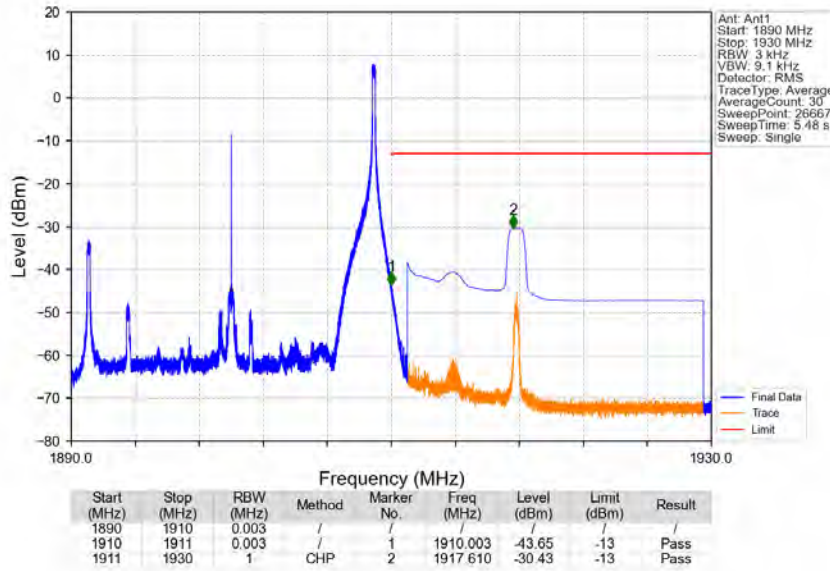
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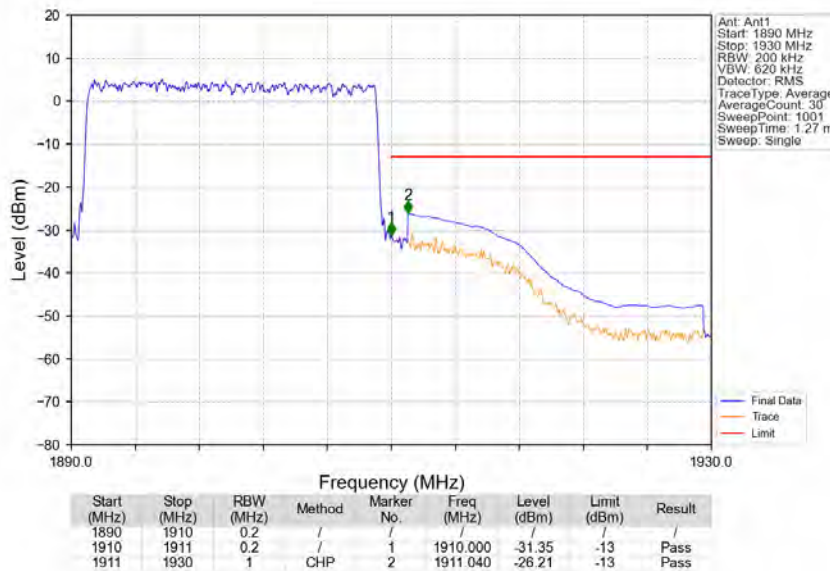
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Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_1\_99\_NTNV



Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



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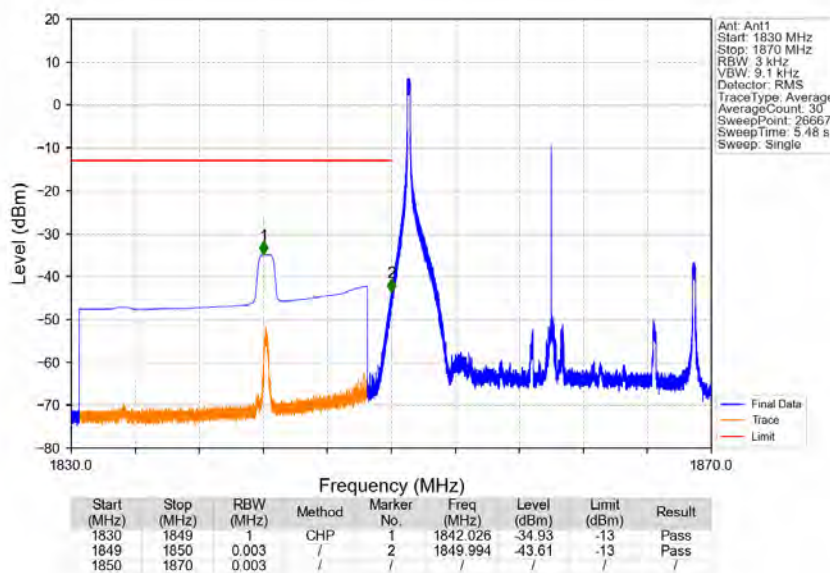
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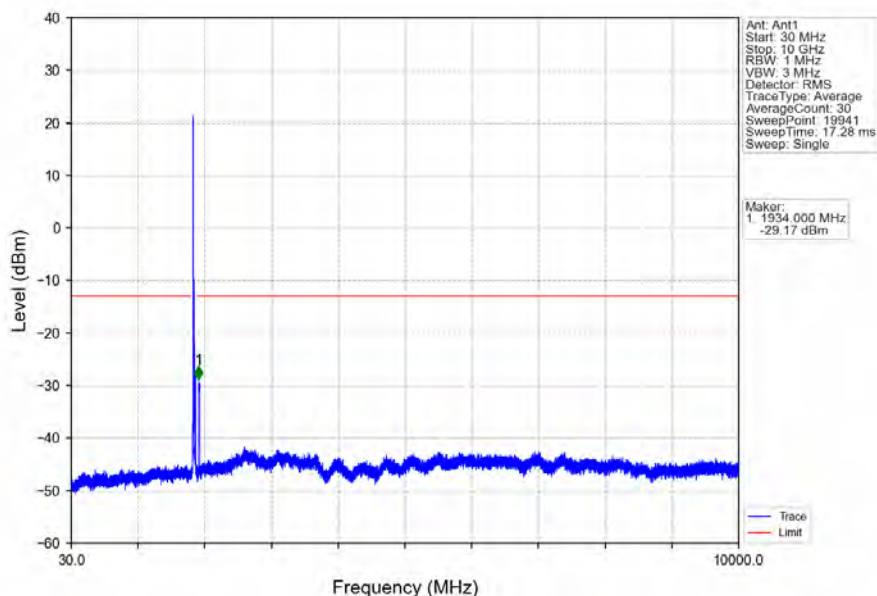
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Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



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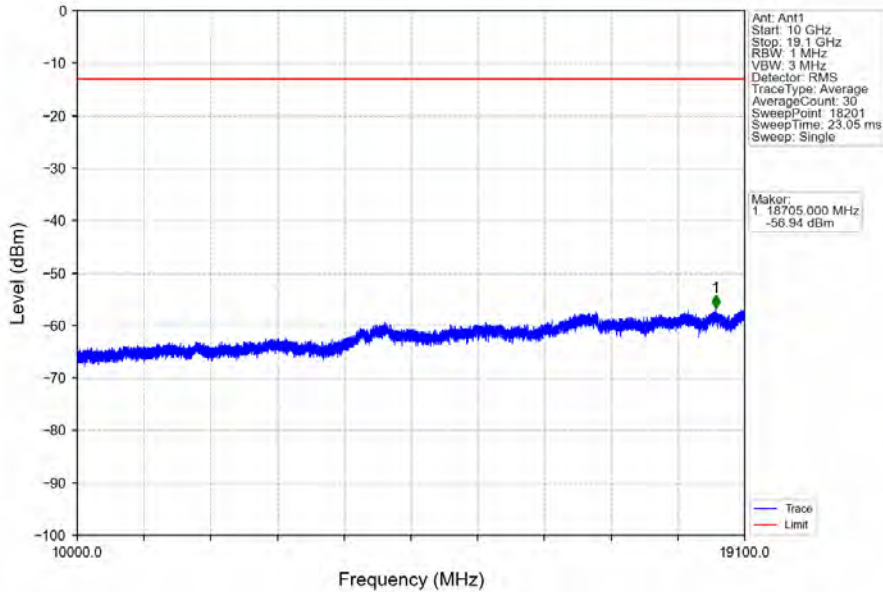




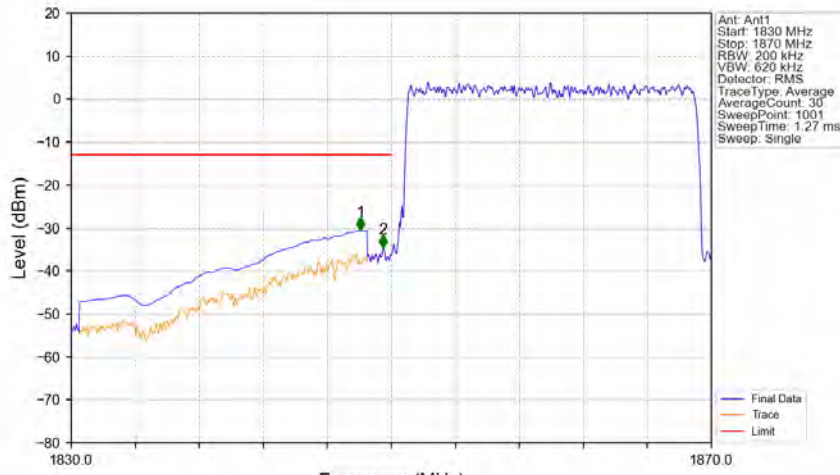
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and2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



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	-30.57	-13	Pass
1849	1850	0.2	/	2	1849.480	-34.75	-13	Pass
1850	1870	0.2	/	/	/	/	/	/



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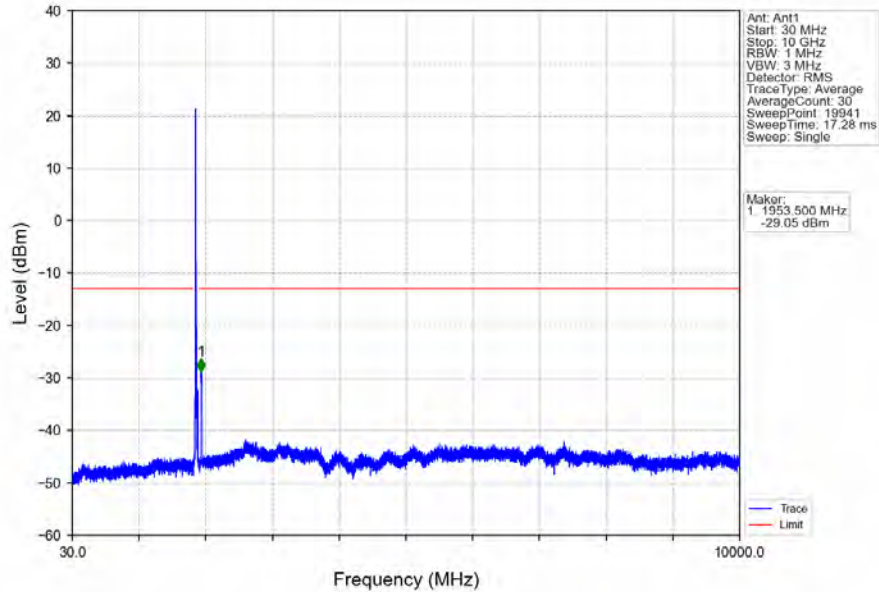
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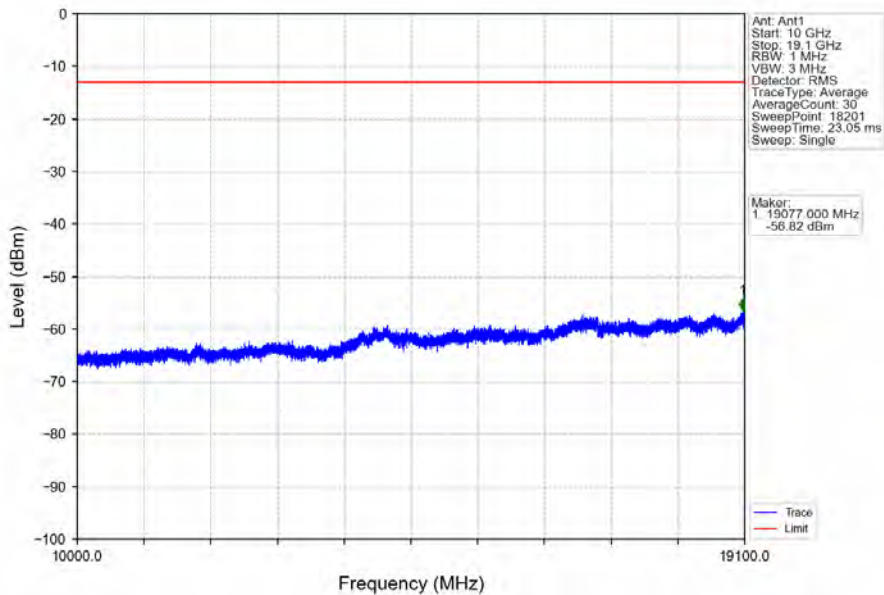
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Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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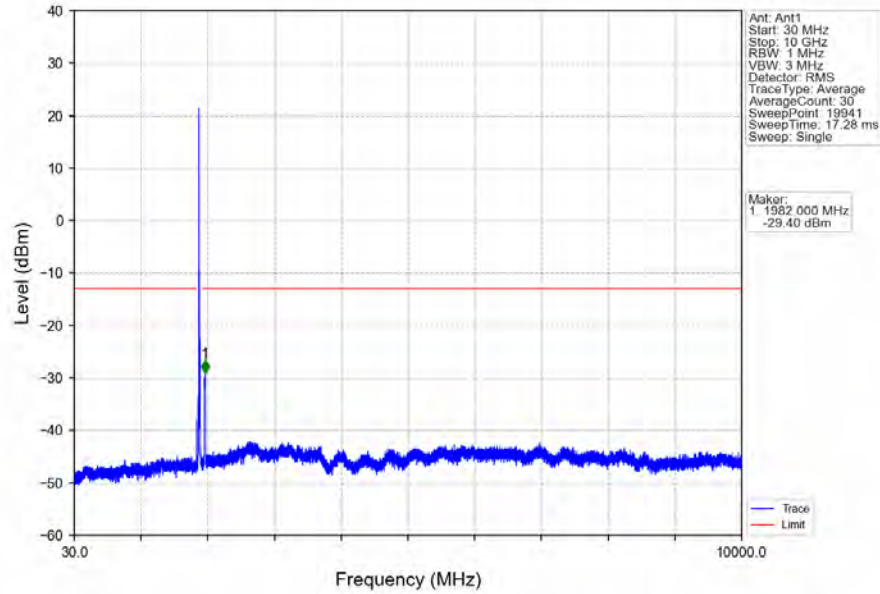
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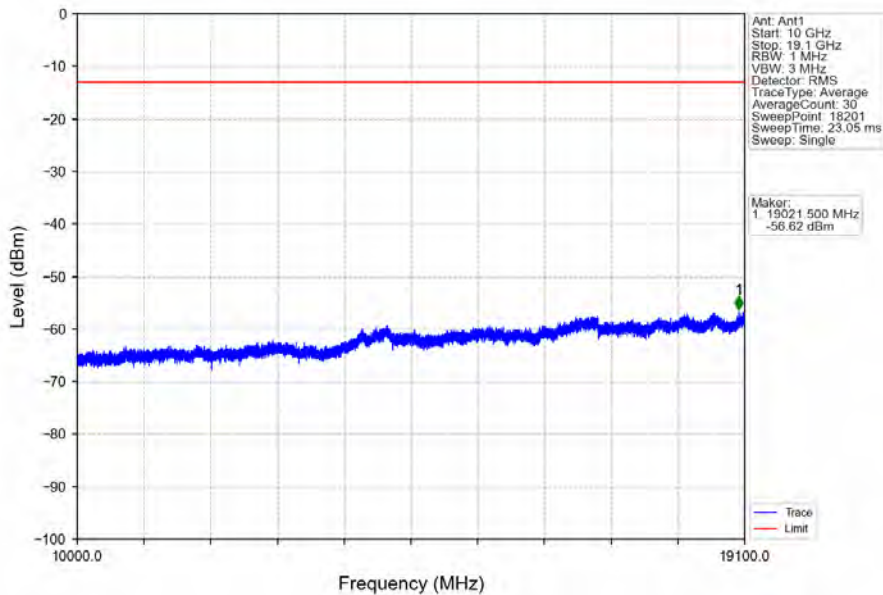
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Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_1\_0\_NTNV



Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_1\_0\_NTNV



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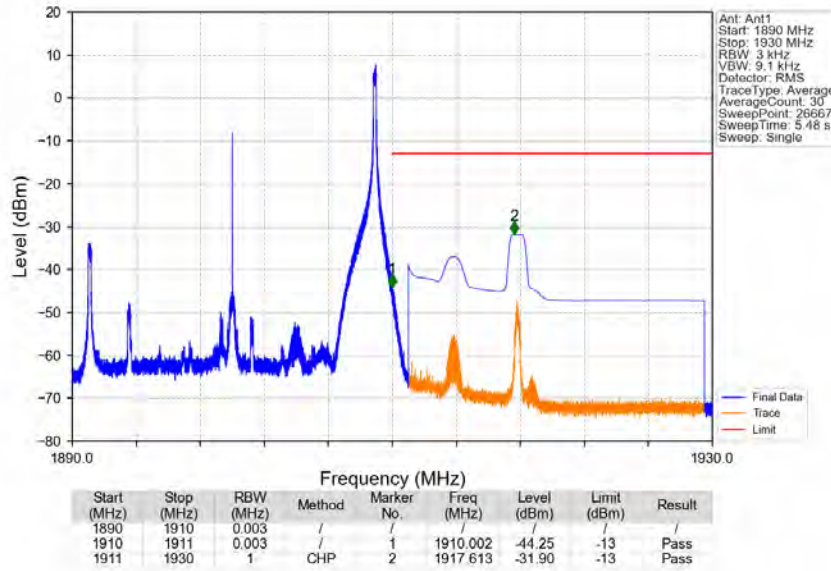
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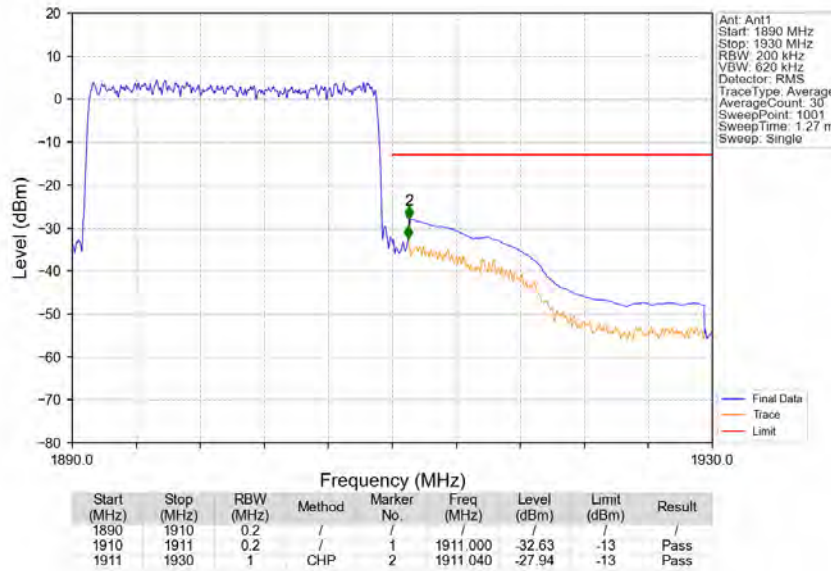
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Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV



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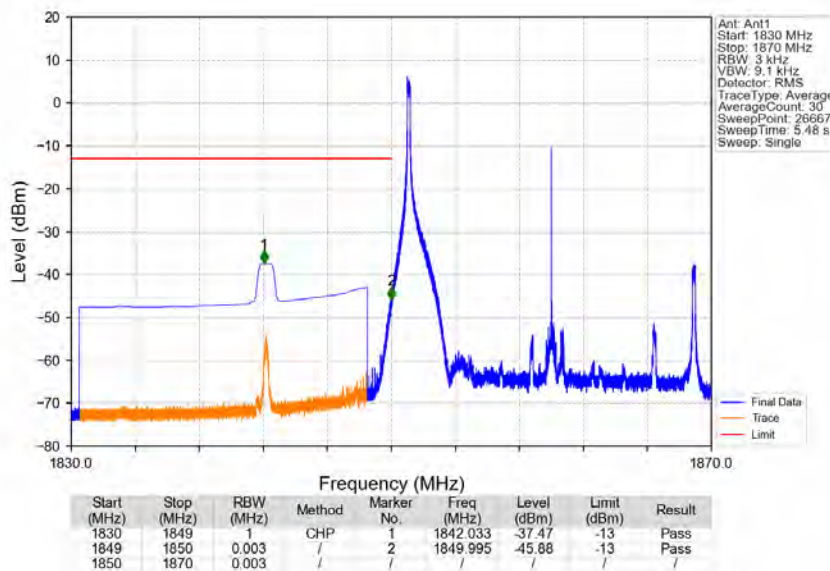
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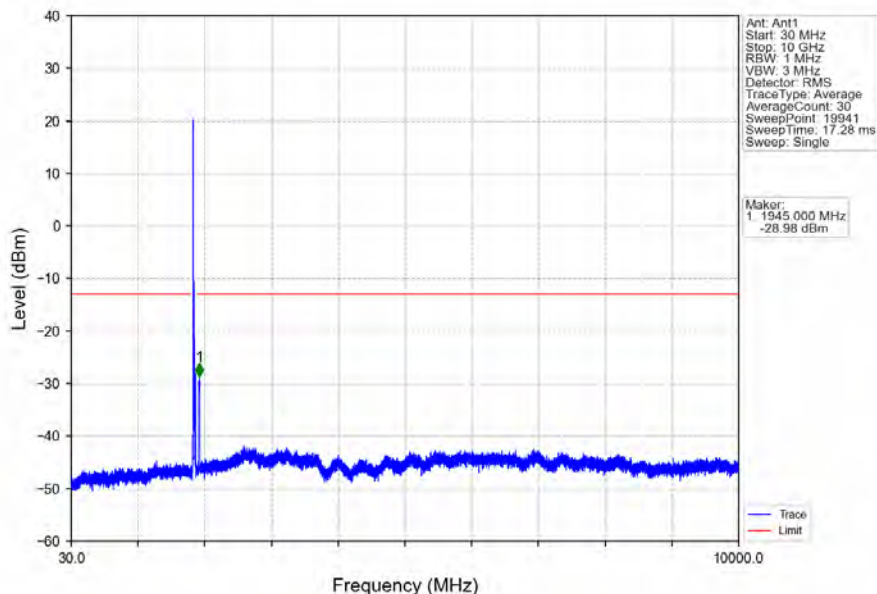
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Band2\_20MHz\_64QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



Band2\_20MHz\_64QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



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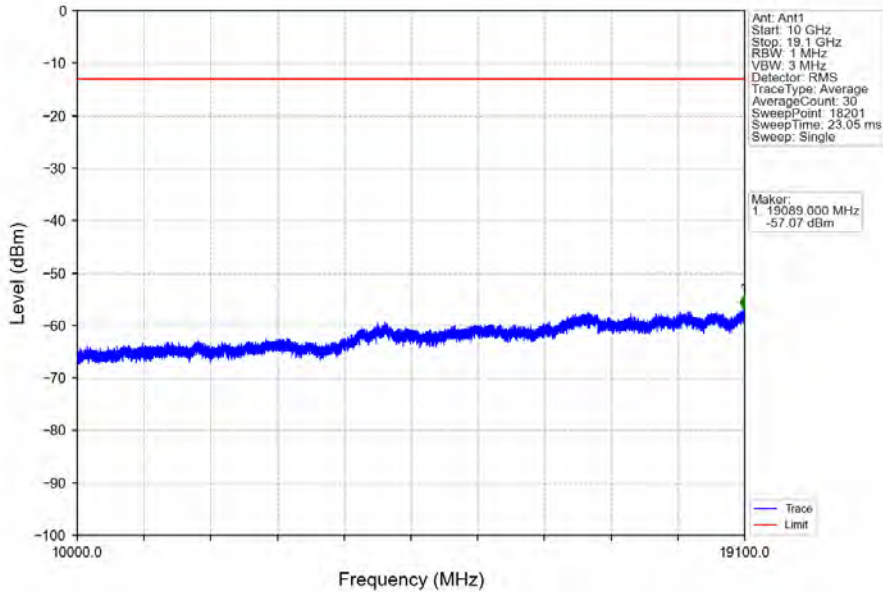
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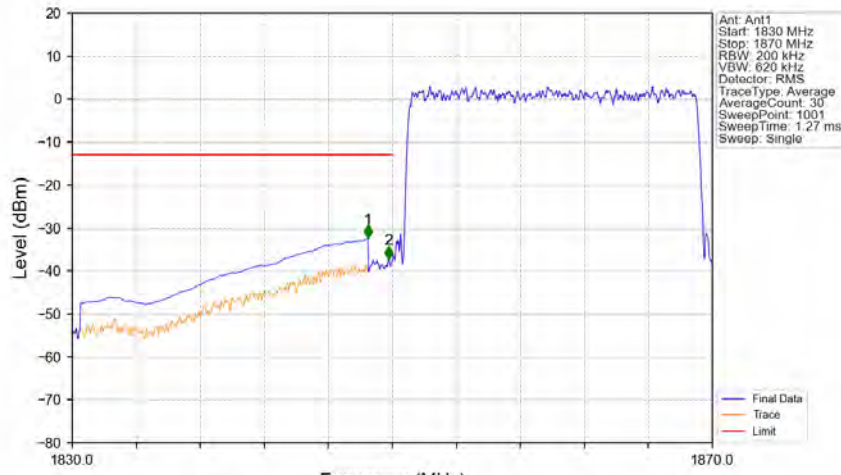
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Band2\_20MHz\_64QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



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	1848.480	-32.42	-13	Pass
1849	1850	0.2	/	2	1849.760	-37.23	-13	Pass
1850	1870	0.2	/	/	/	/	/	/



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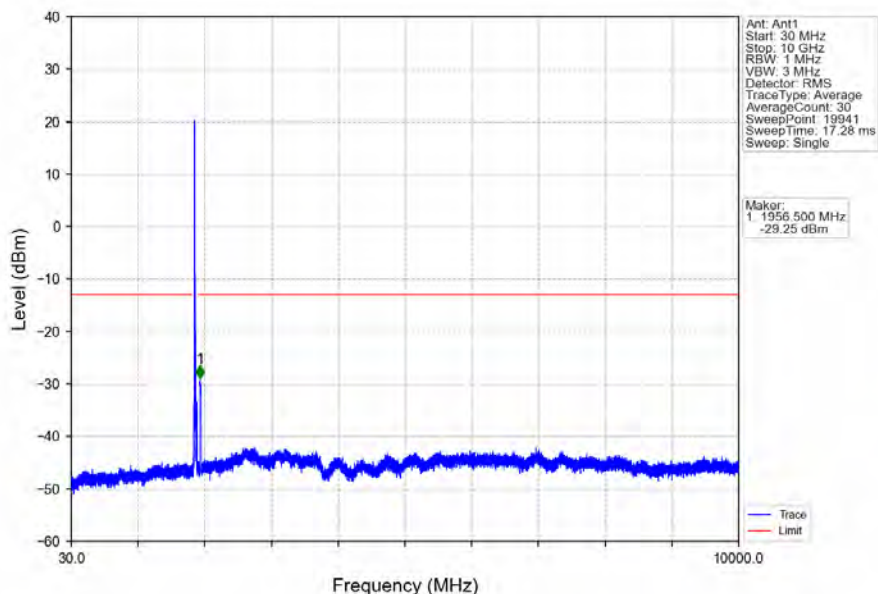
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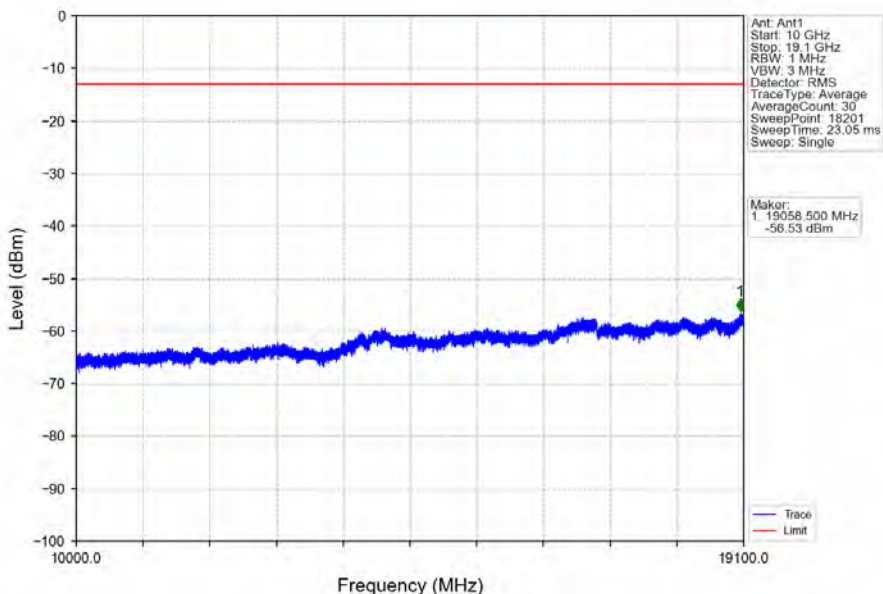
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Band2\_20MHz\_64QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



Band2\_20MHz\_64QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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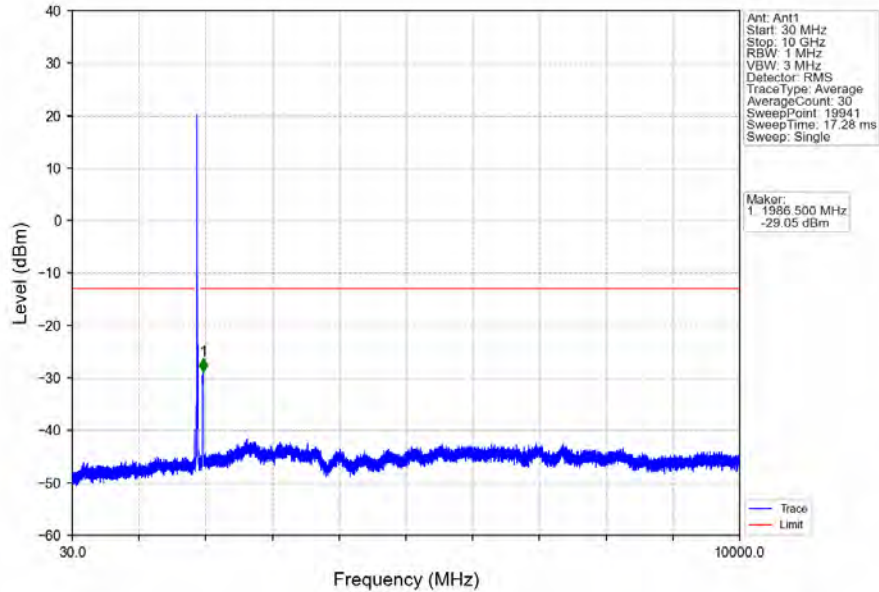
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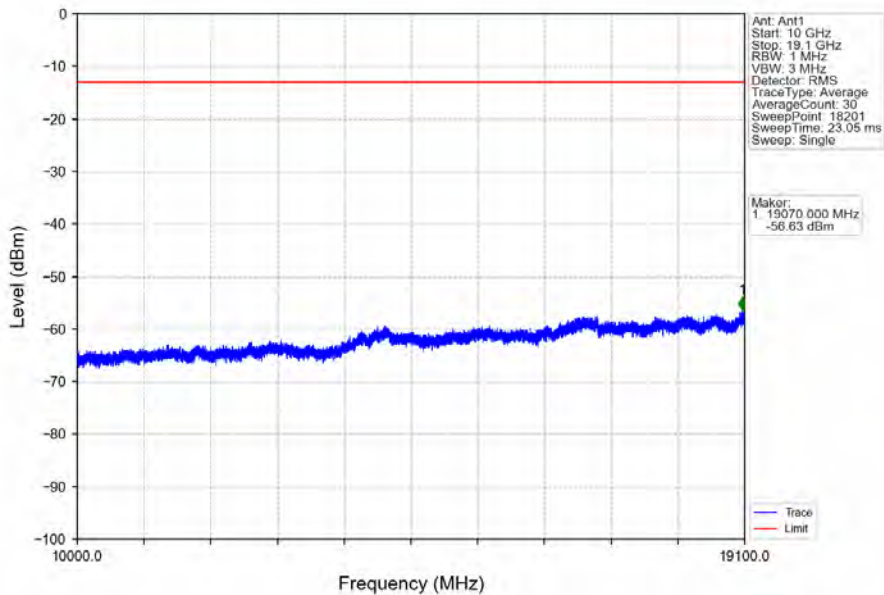
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Band2\_20MHz\_64QAM\_HCH\_1900MHz\_RB\_1\_0\_NTNV



Band2\_20MHz\_64QAM\_HCH\_1900MHz\_RB\_1\_0\_NTNV



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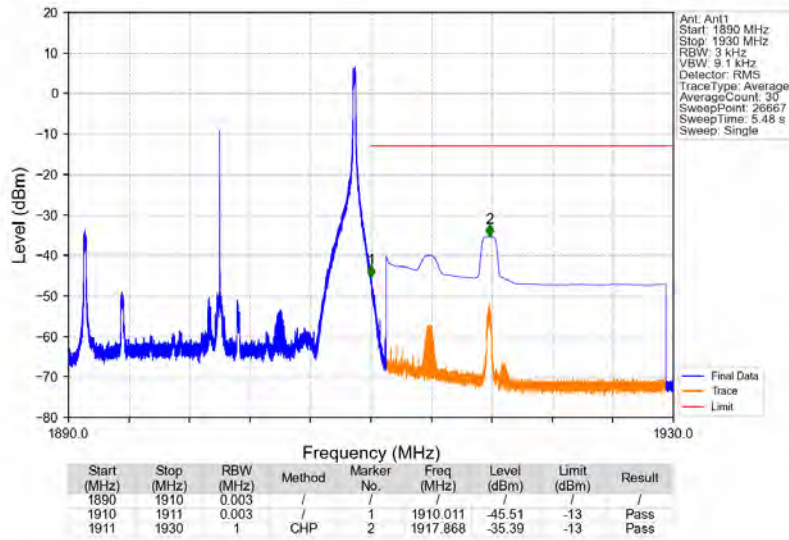




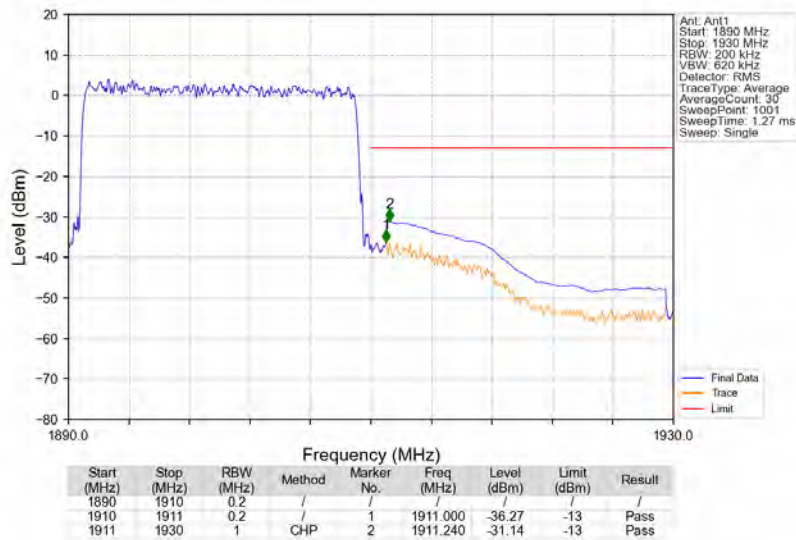
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Band2\_20MHz\_64QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV



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