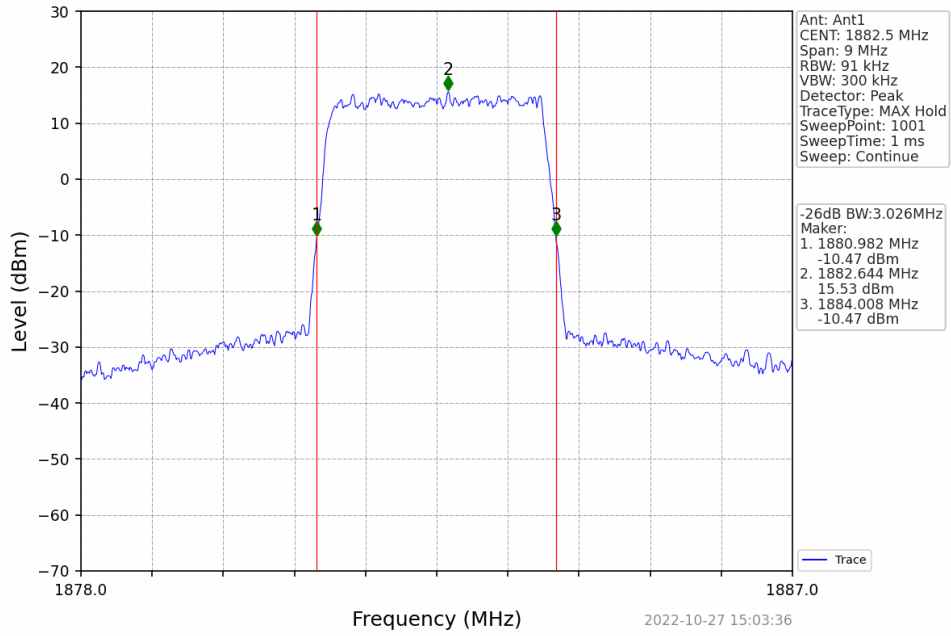
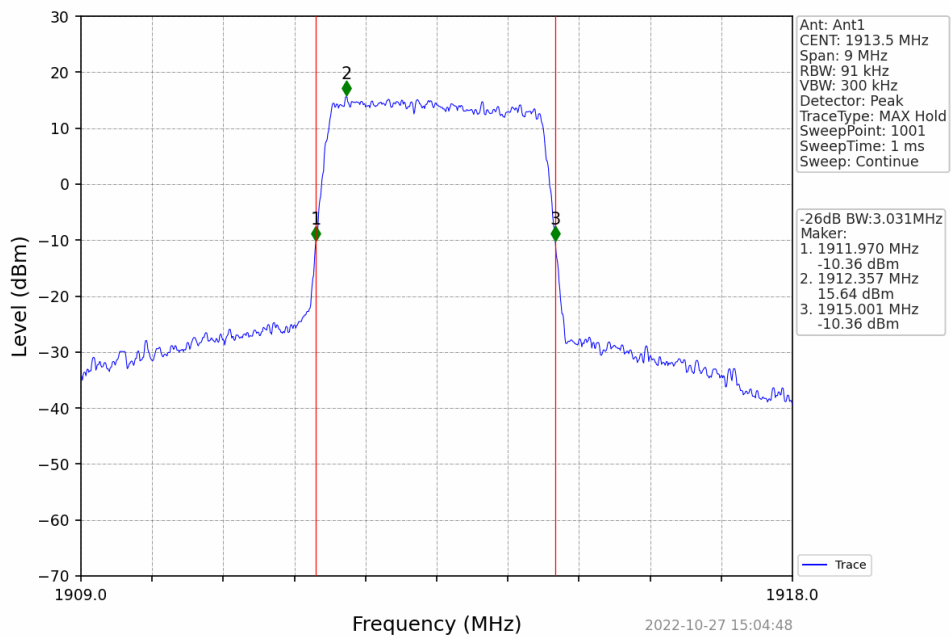


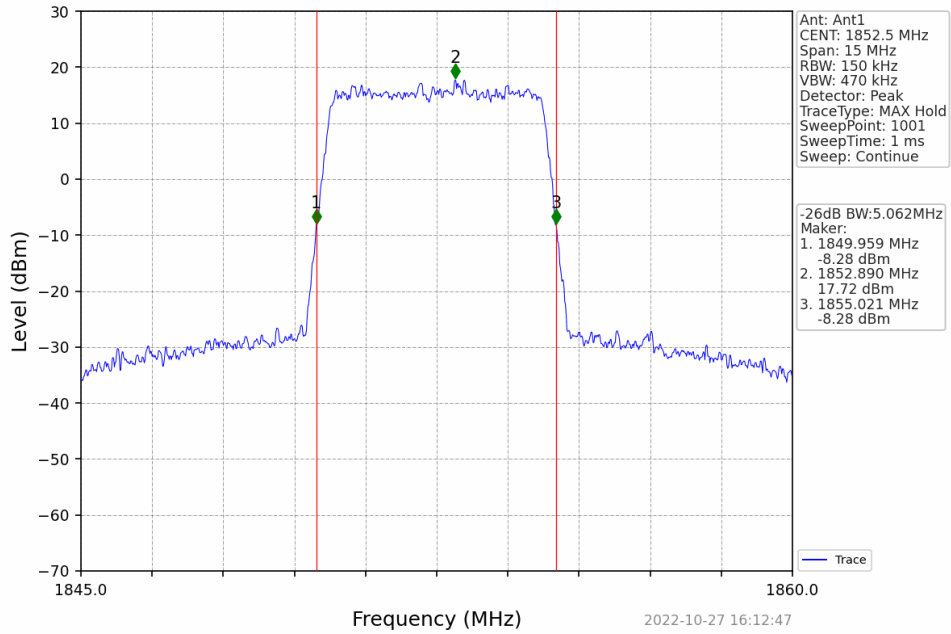
Band25\_3MHz\_64QAM\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



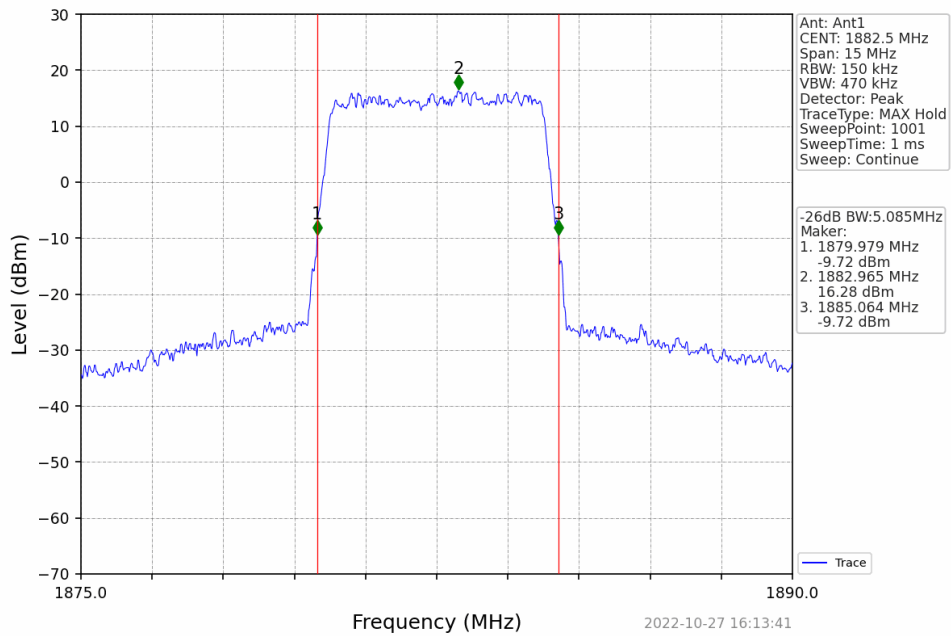
Band25\_3MHz\_64QAM\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



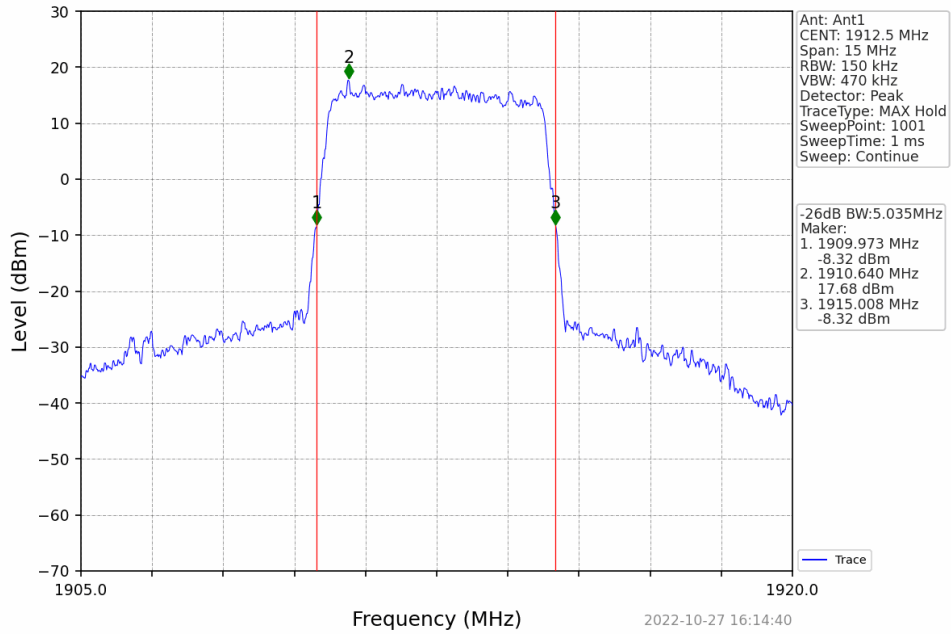
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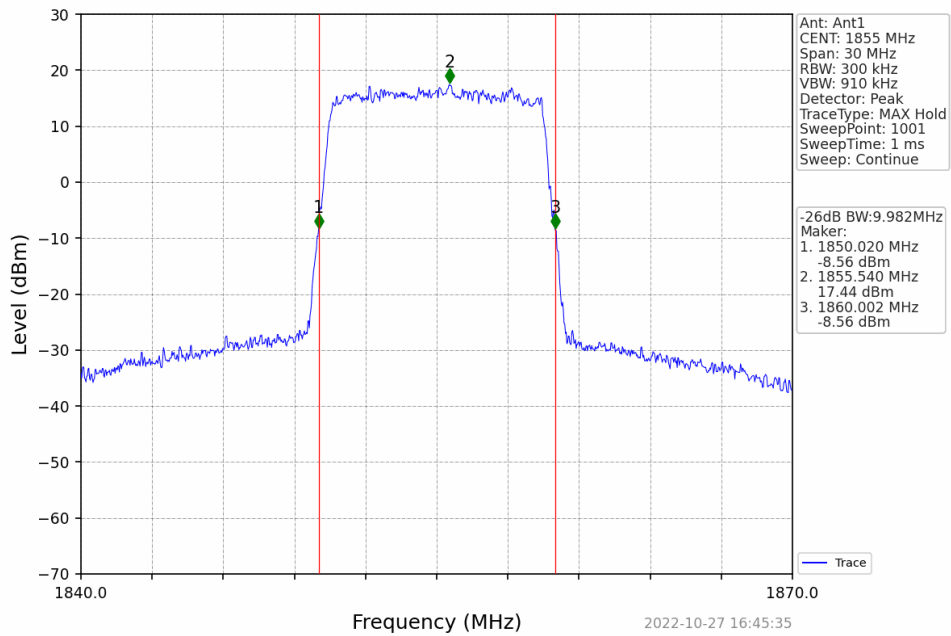
Band25\_5MHz\_64QAM\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



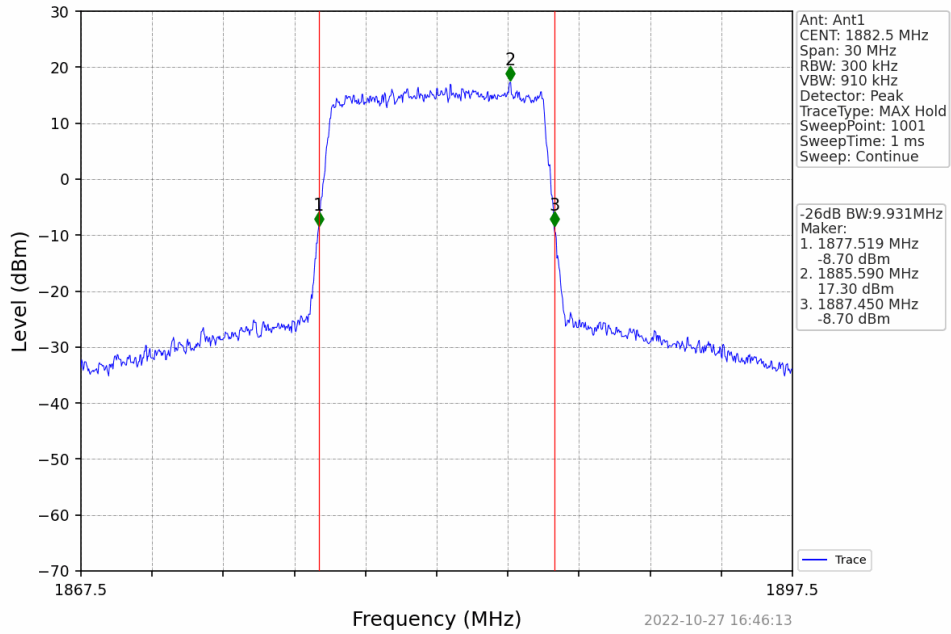
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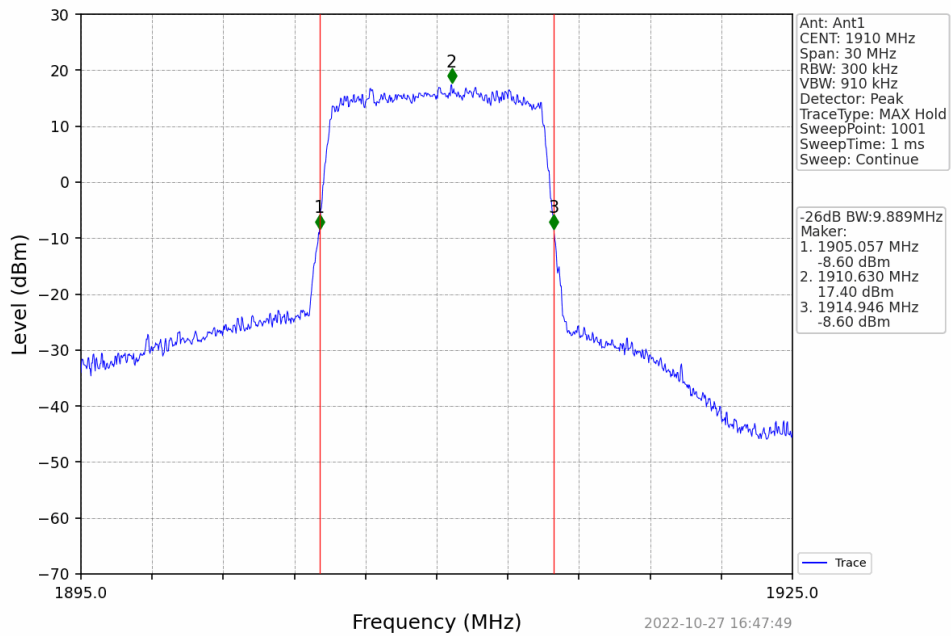
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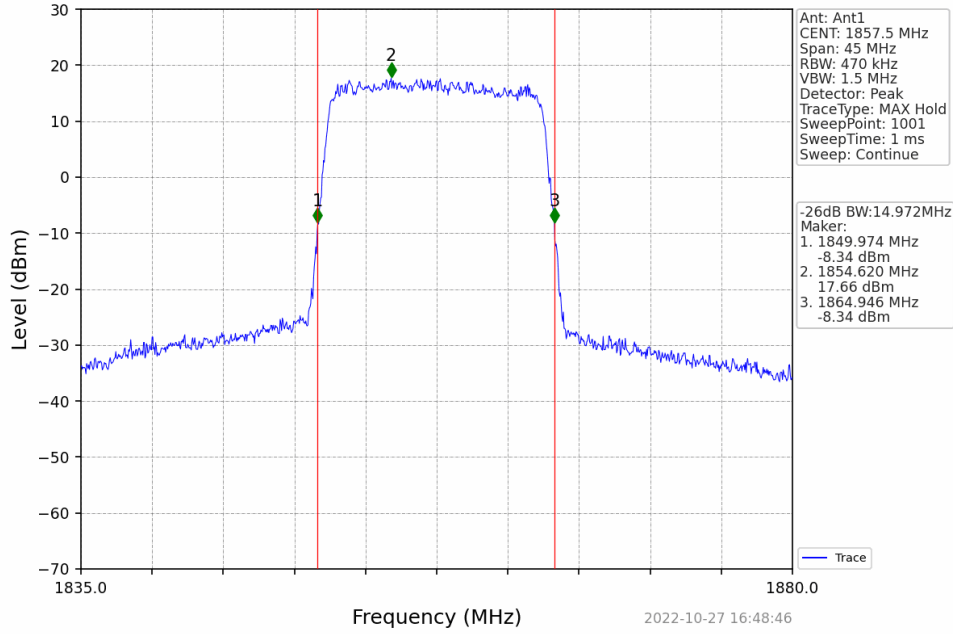
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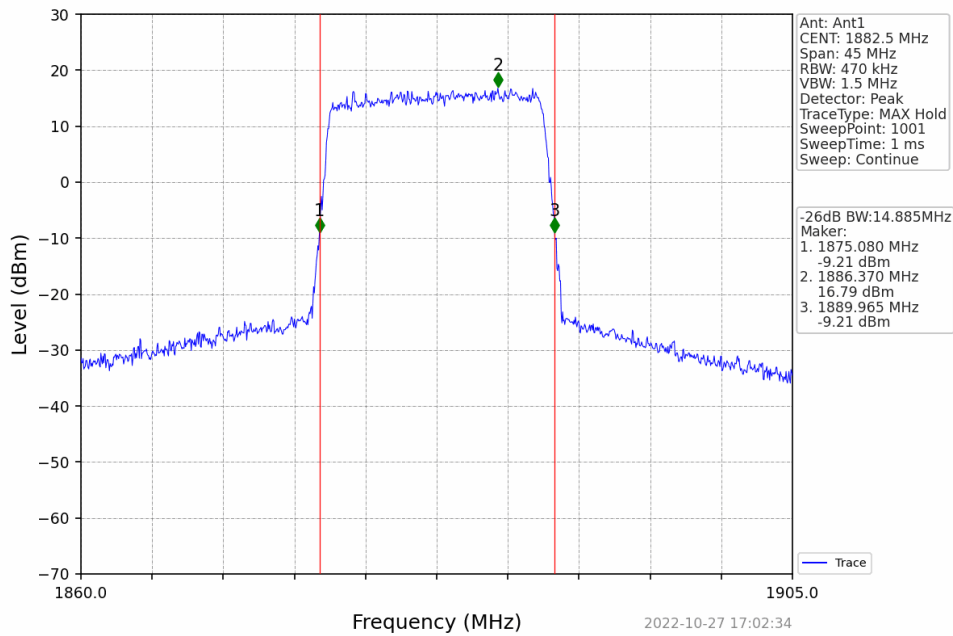
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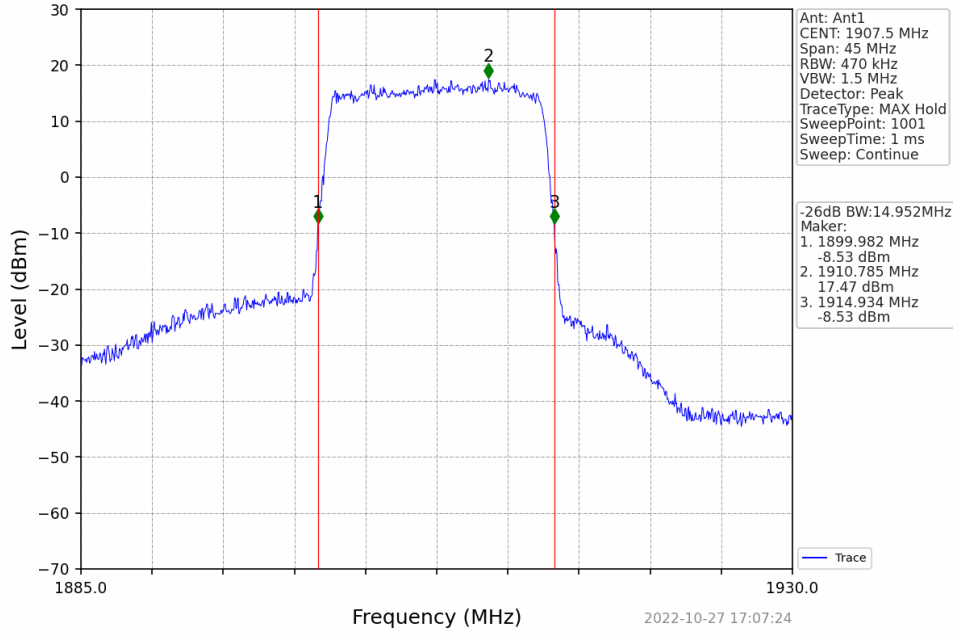
Band25\_15MHz\_64QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



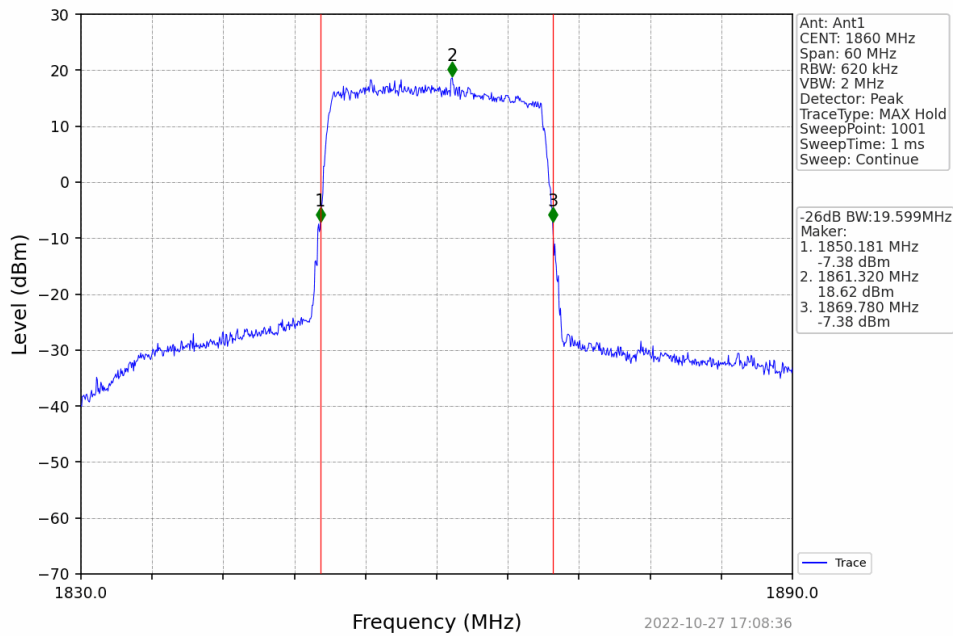
Band25\_15MHz\_64QAM\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



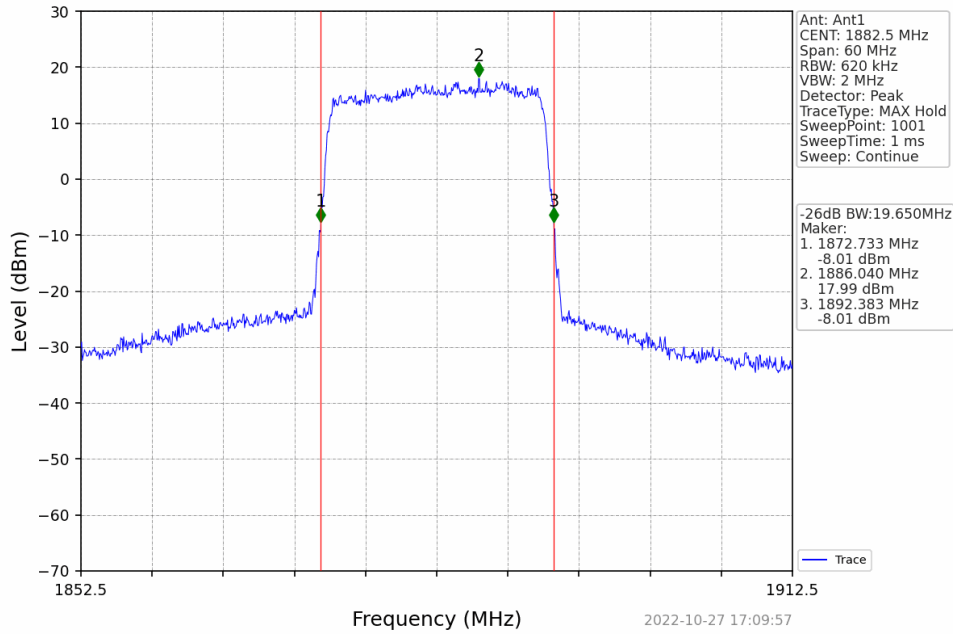
Band25\_15MHz\_64QAM\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



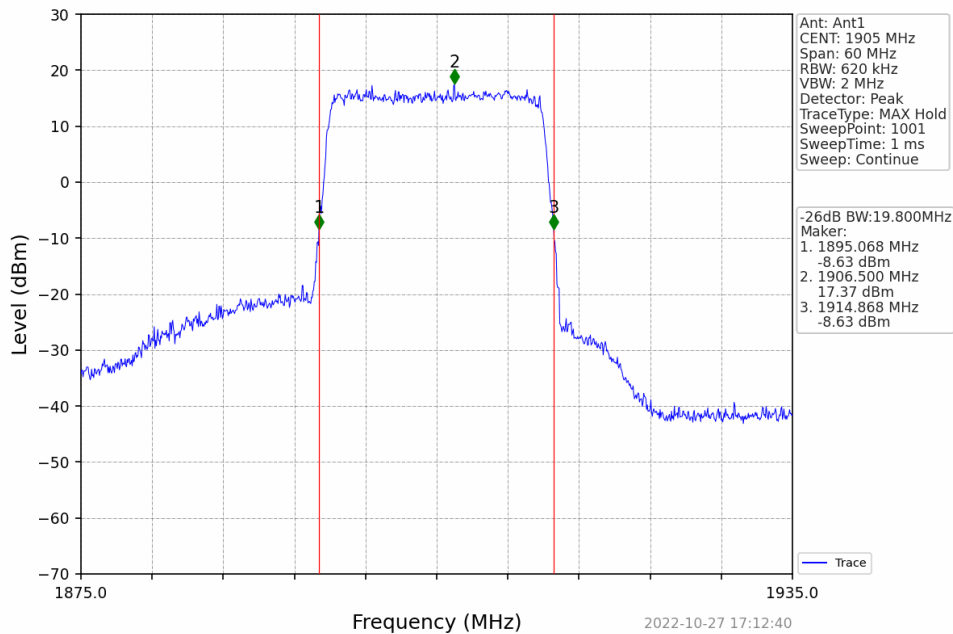
Band25\_20MHz\_64QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



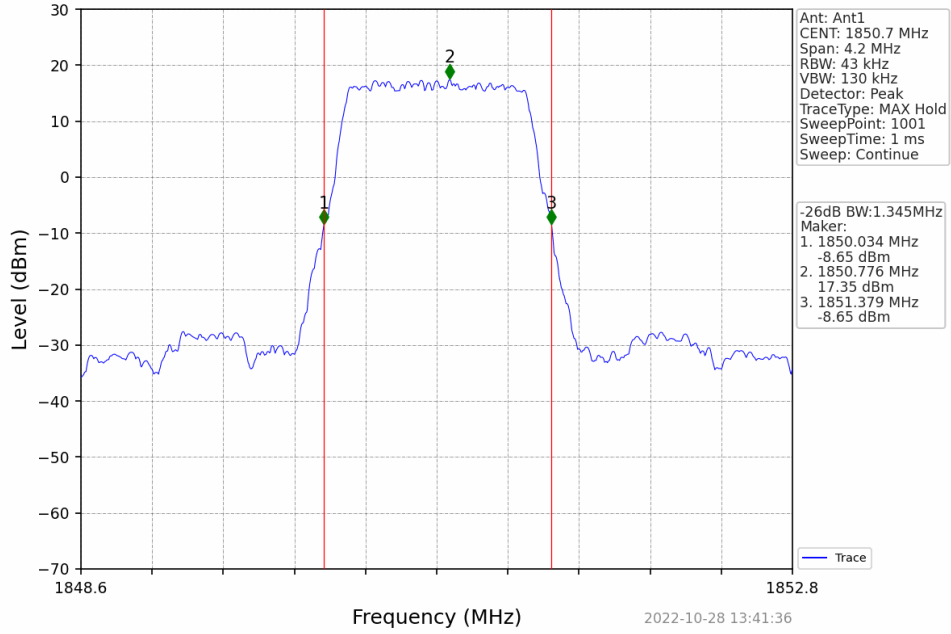
Band25\_20MHz\_64QAM\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV



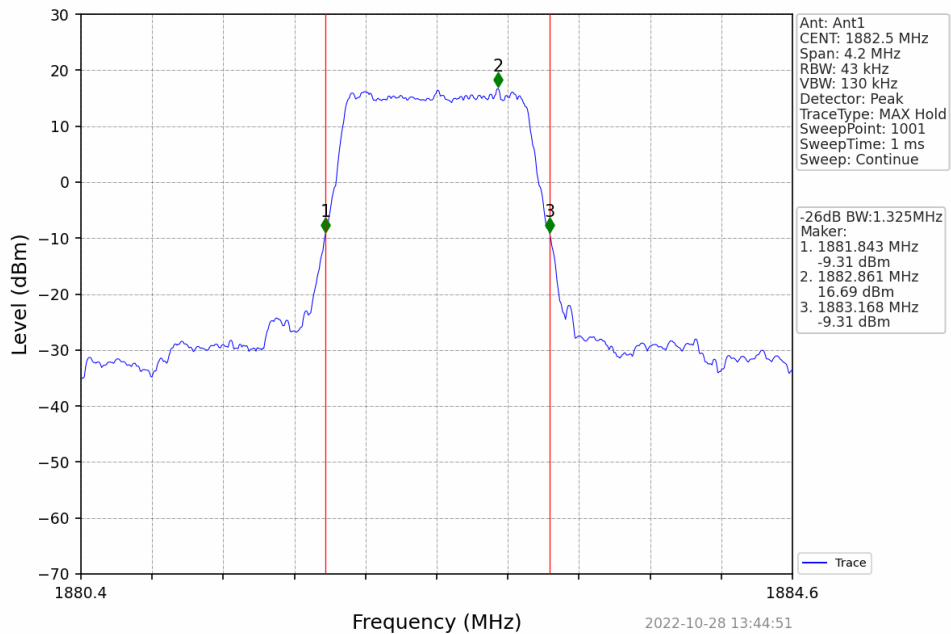
Band25\_20MHz\_64QAM\_HCH\_1905MHz\_RB\_100\_0\_NTNV



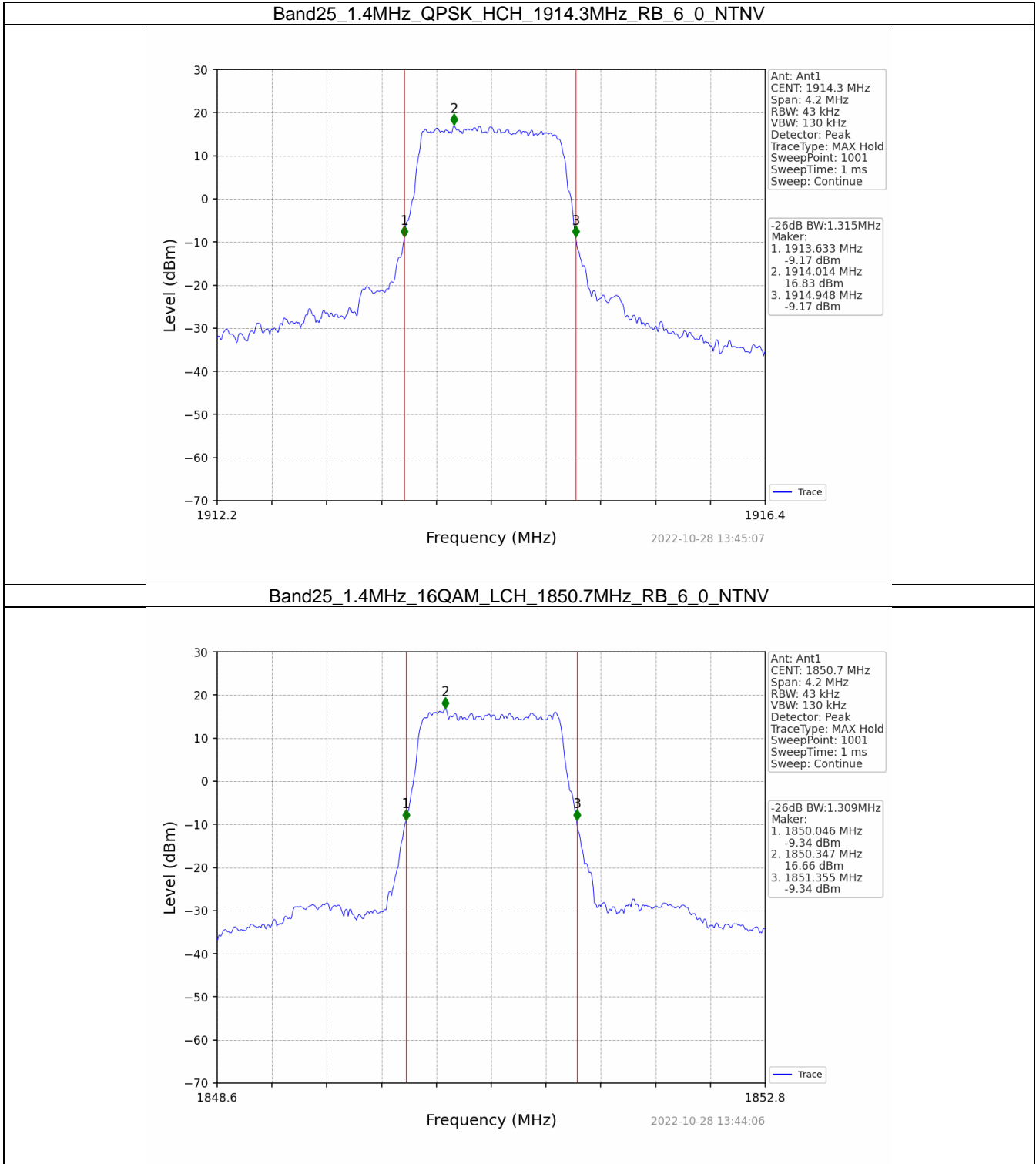
Band25\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



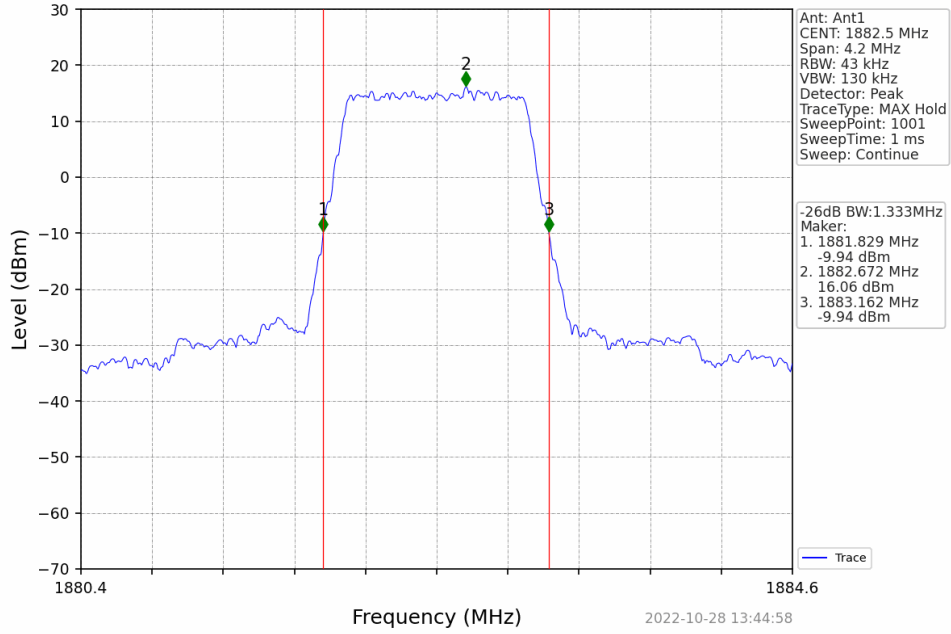
Band25\_1.4MHz\_QPSK\_MCH\_1882.5MHz\_RB\_6\_0\_NTNV



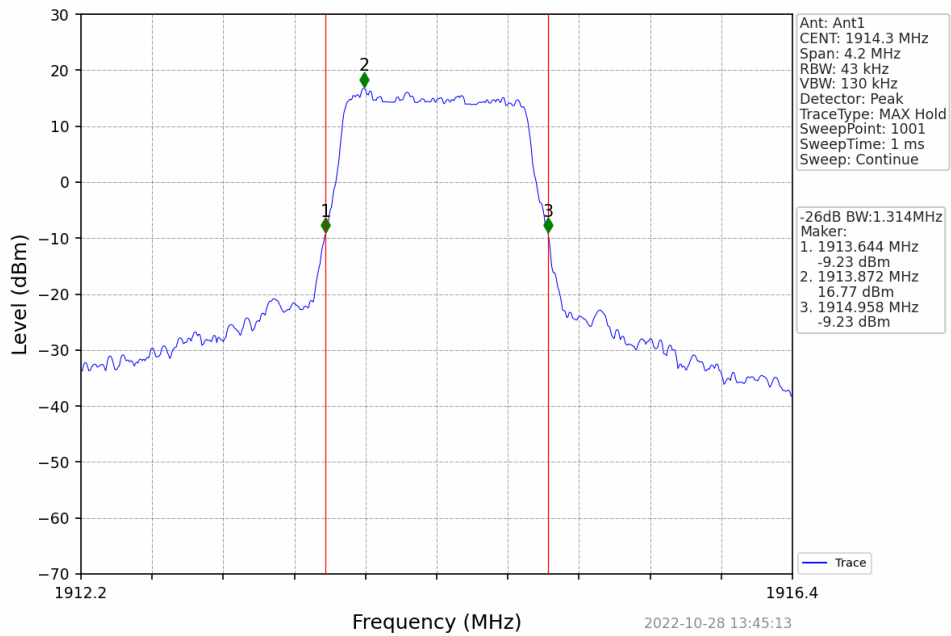




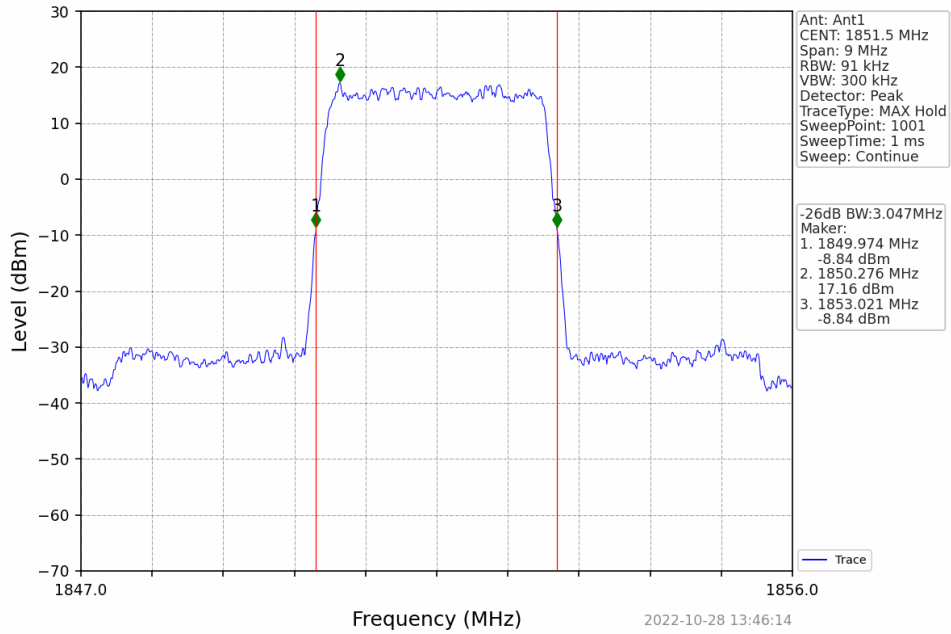
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_6\_0\_NTNV



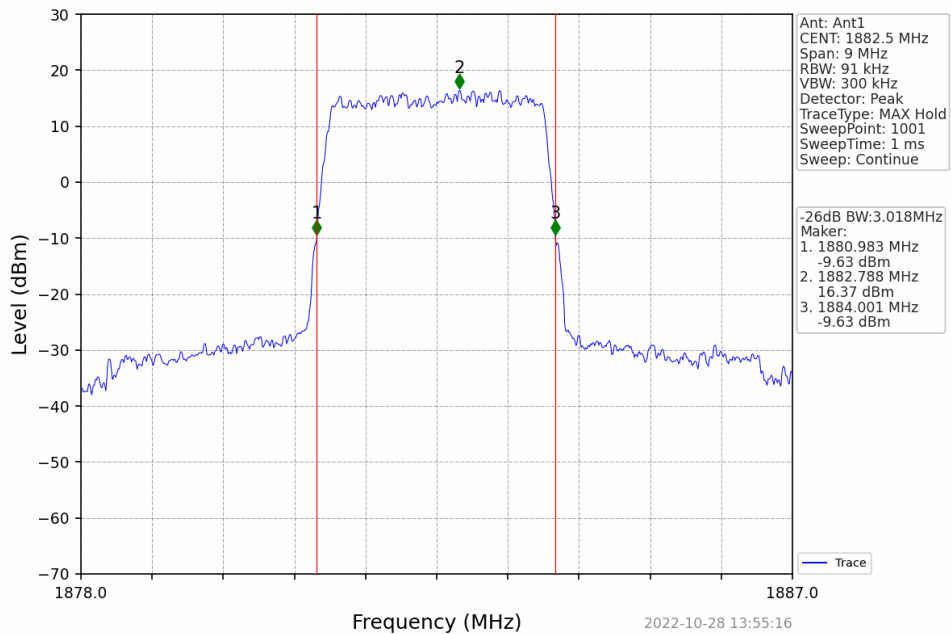
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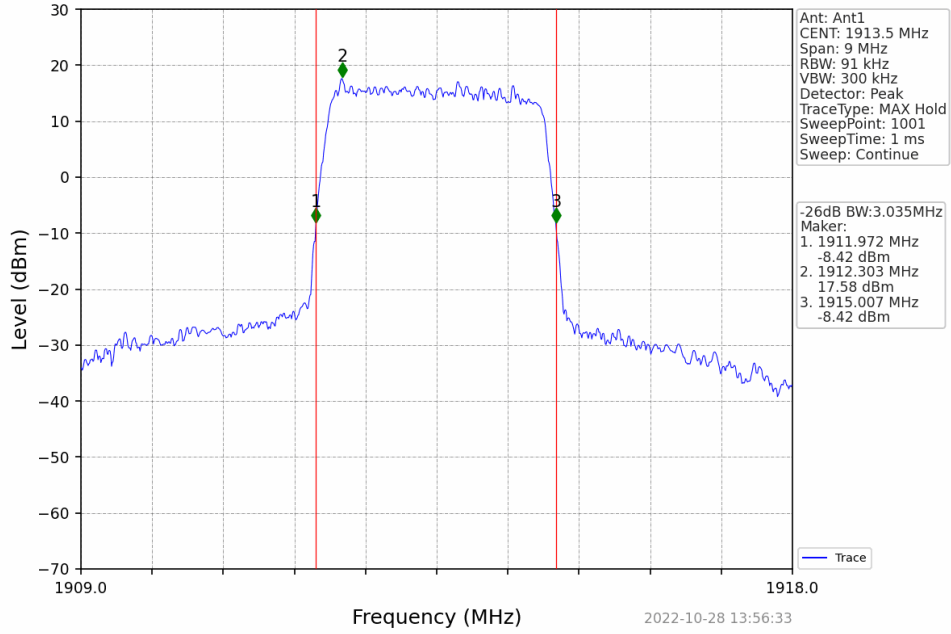
Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



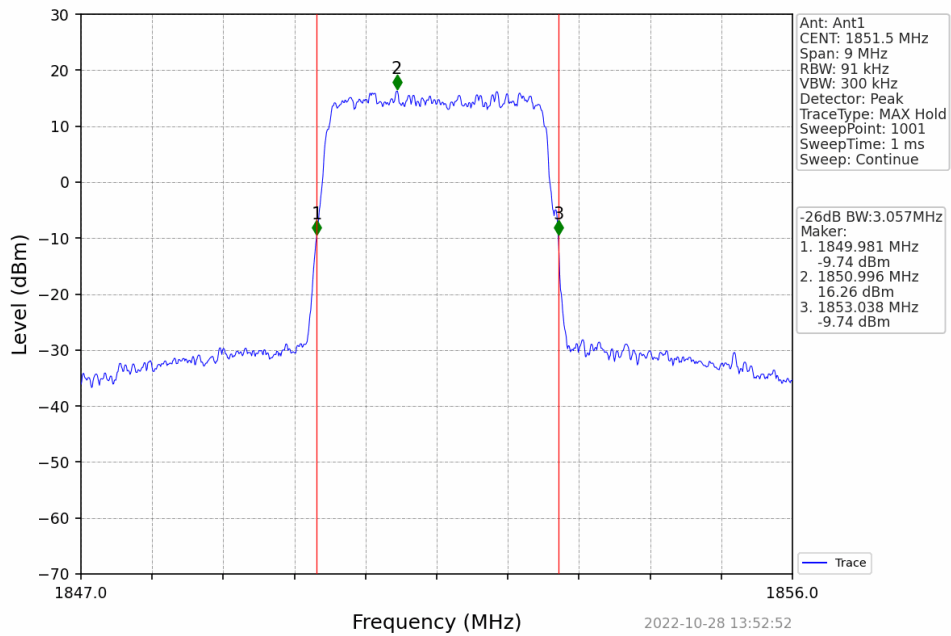
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



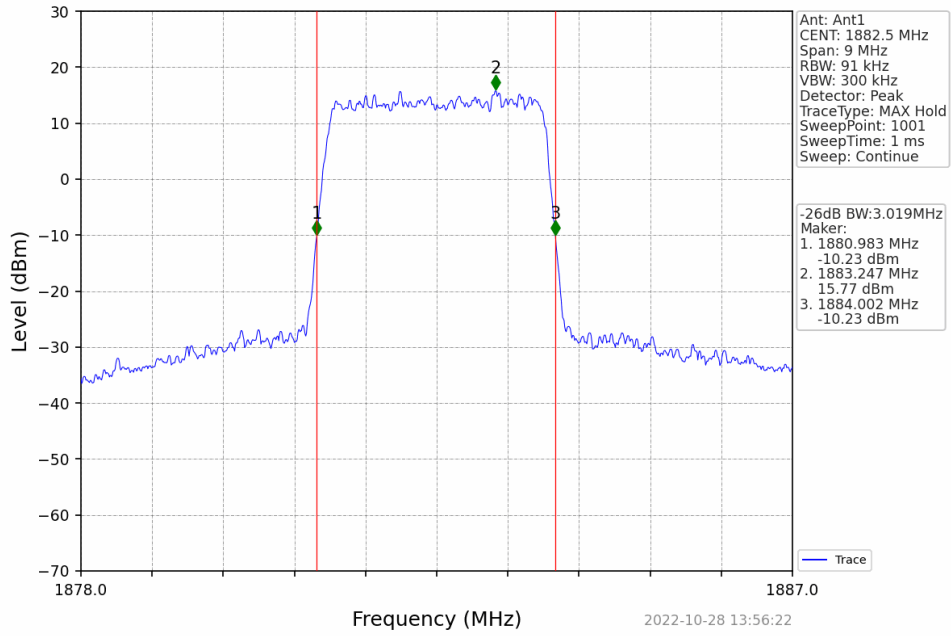
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



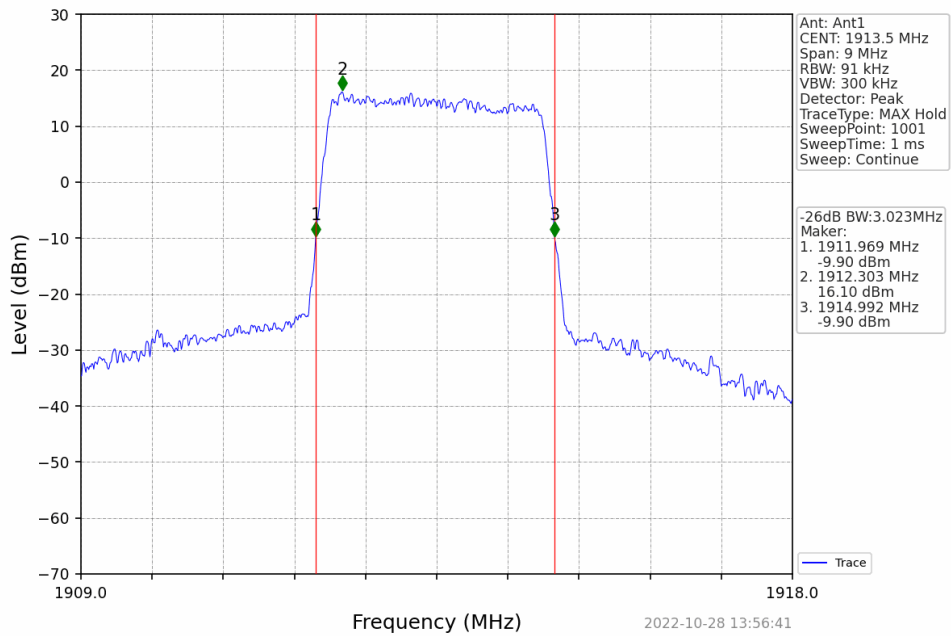
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



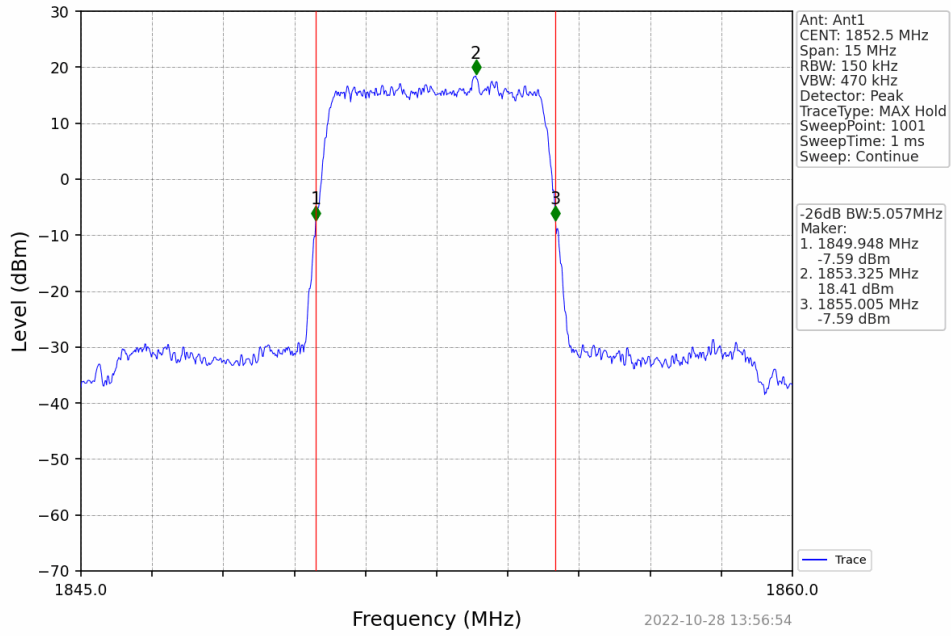
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



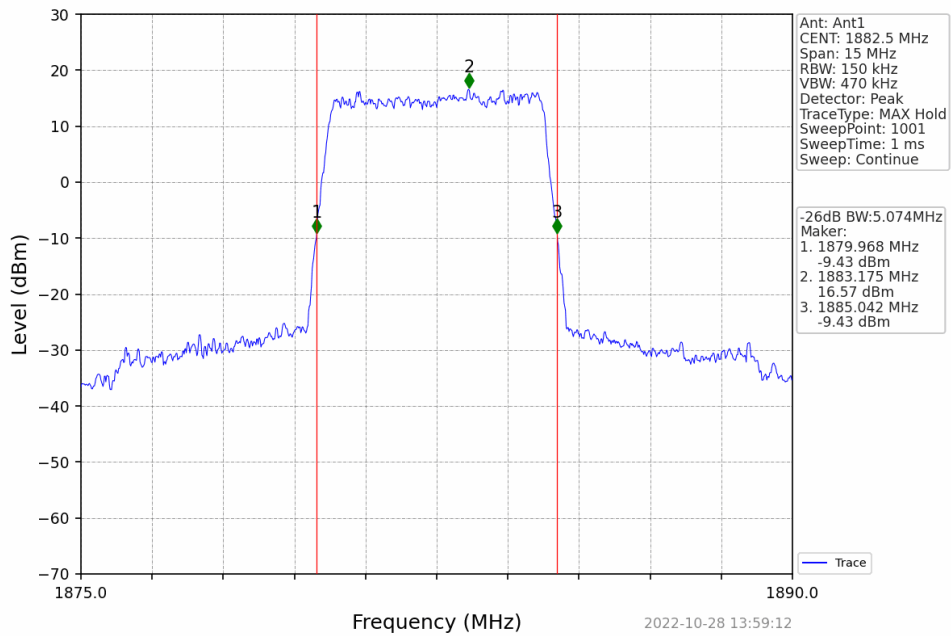
Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



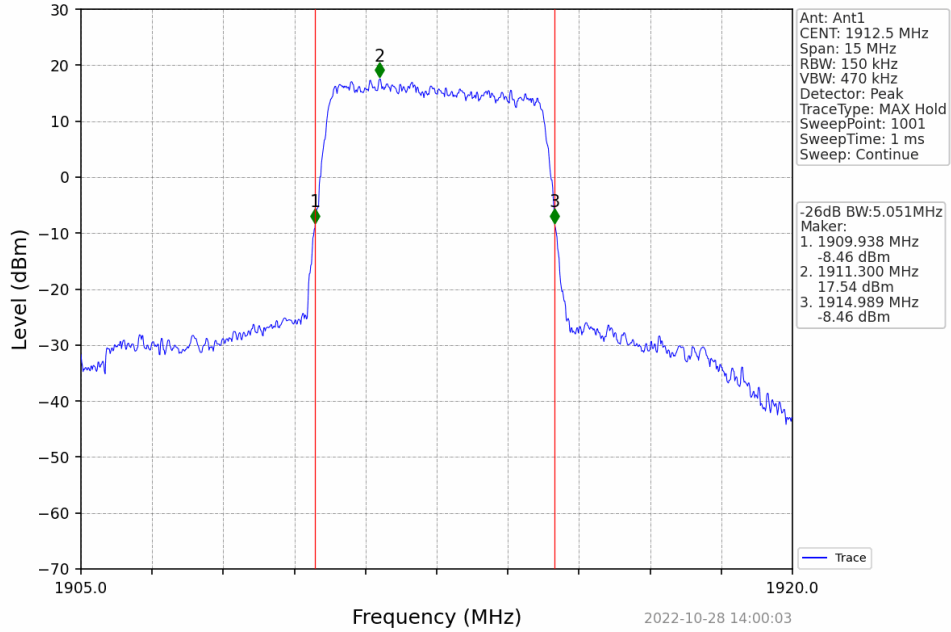
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



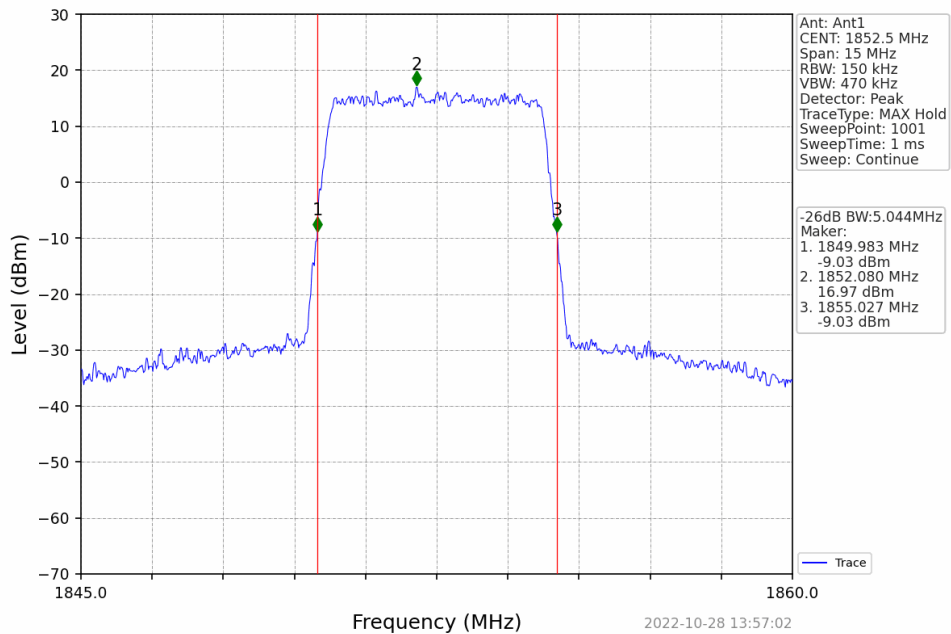
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



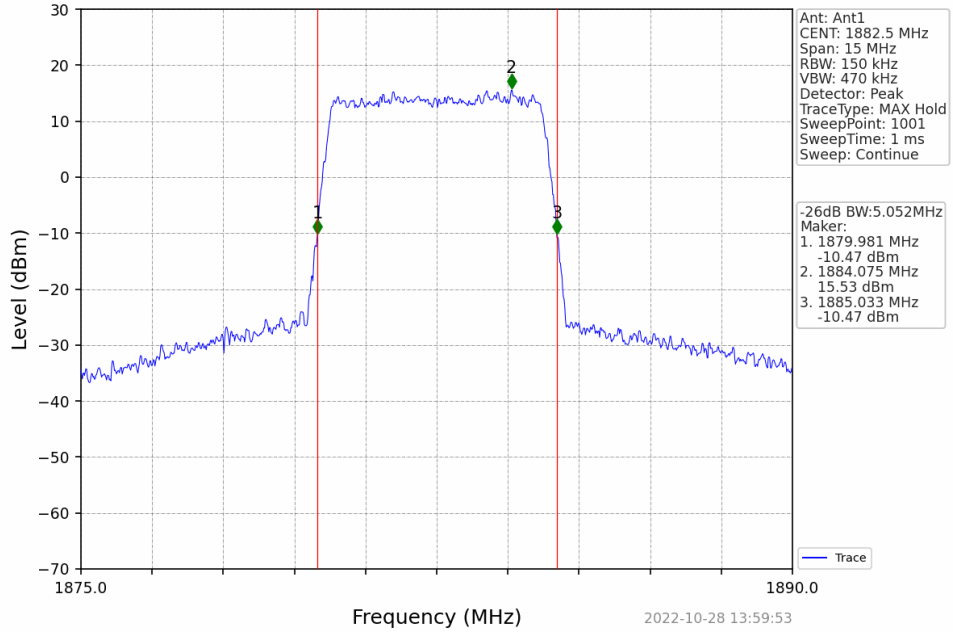
Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



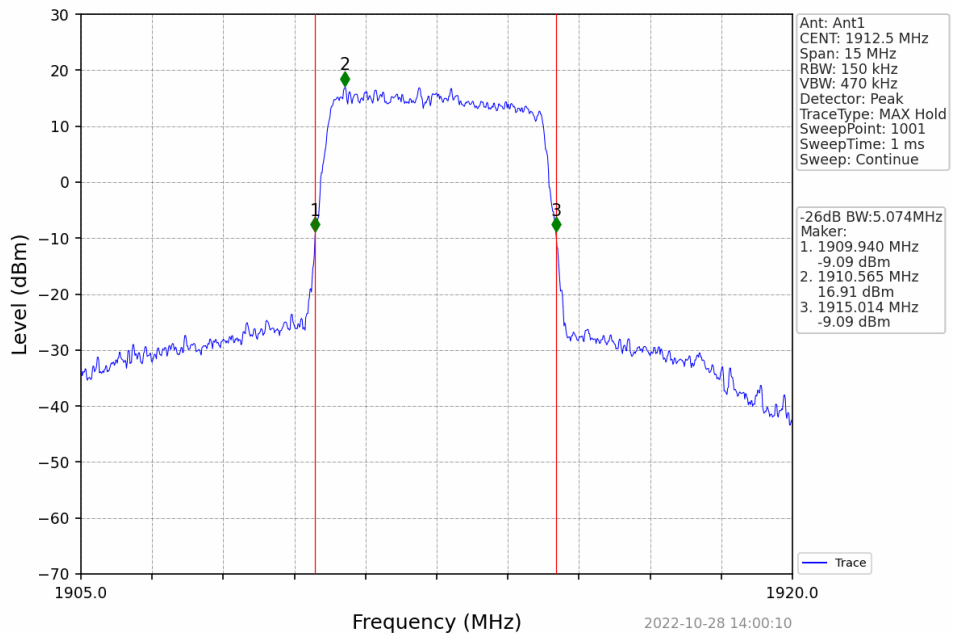
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Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV

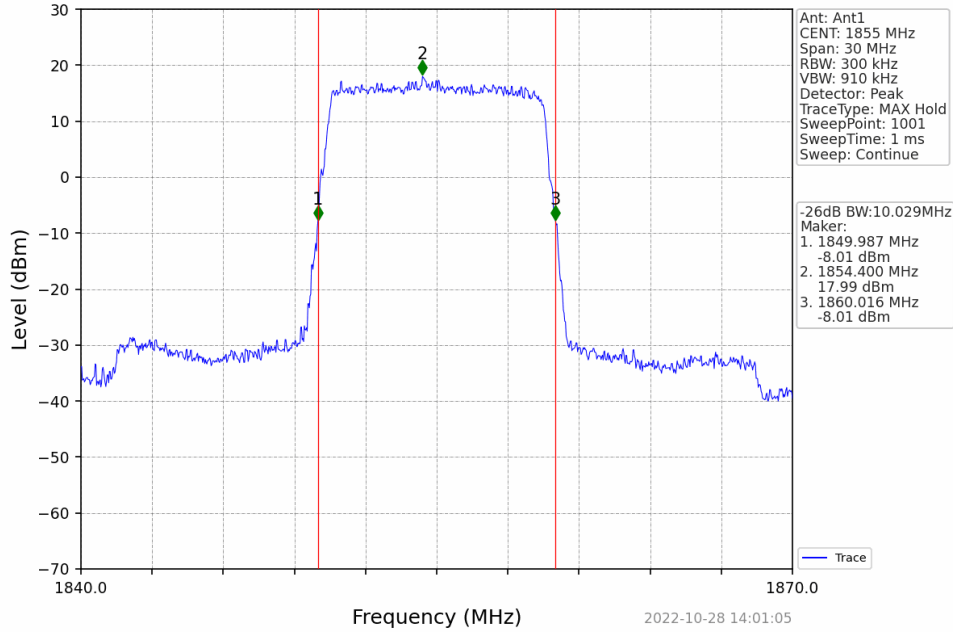


Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV

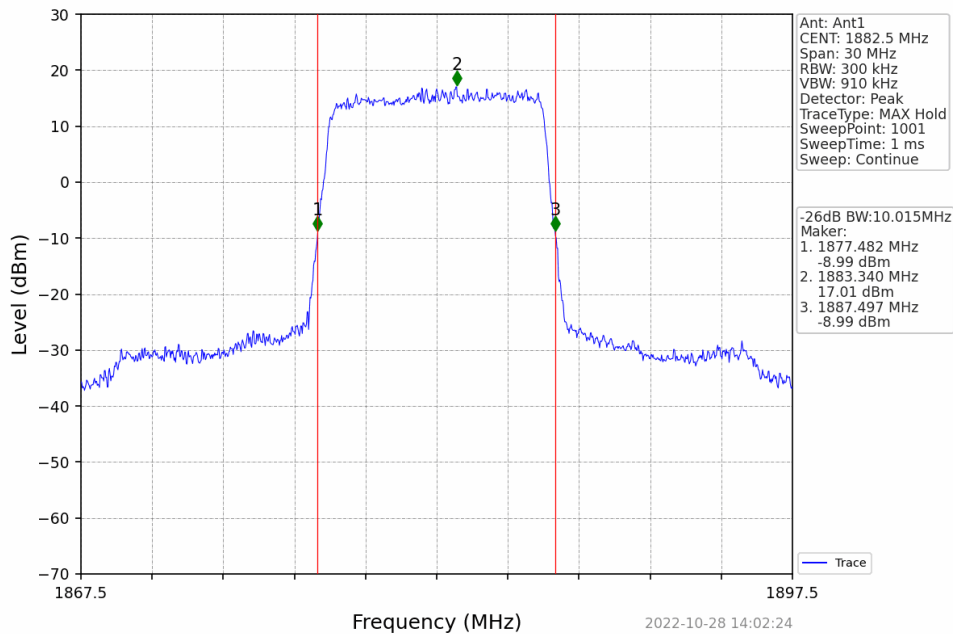




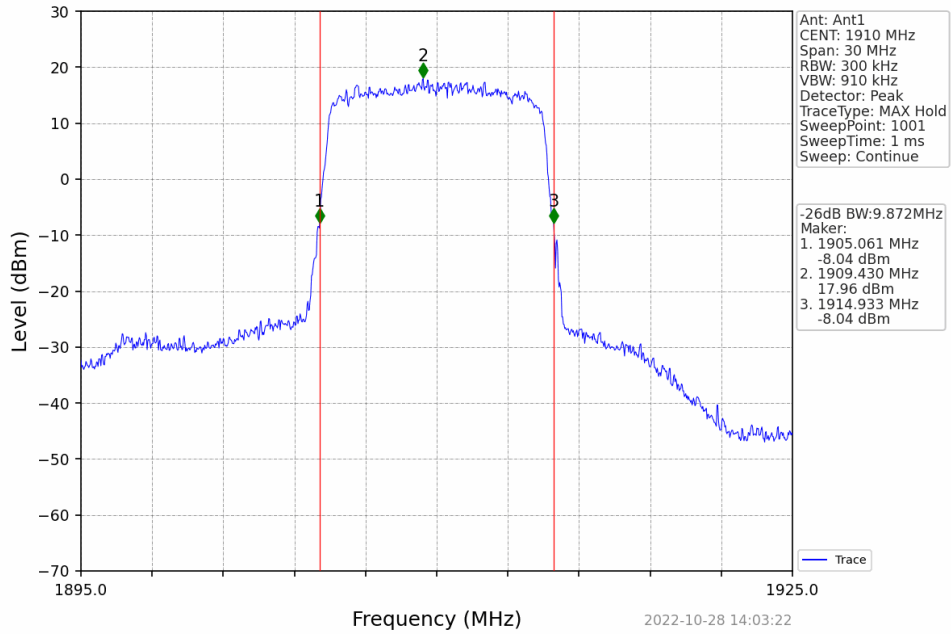
Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



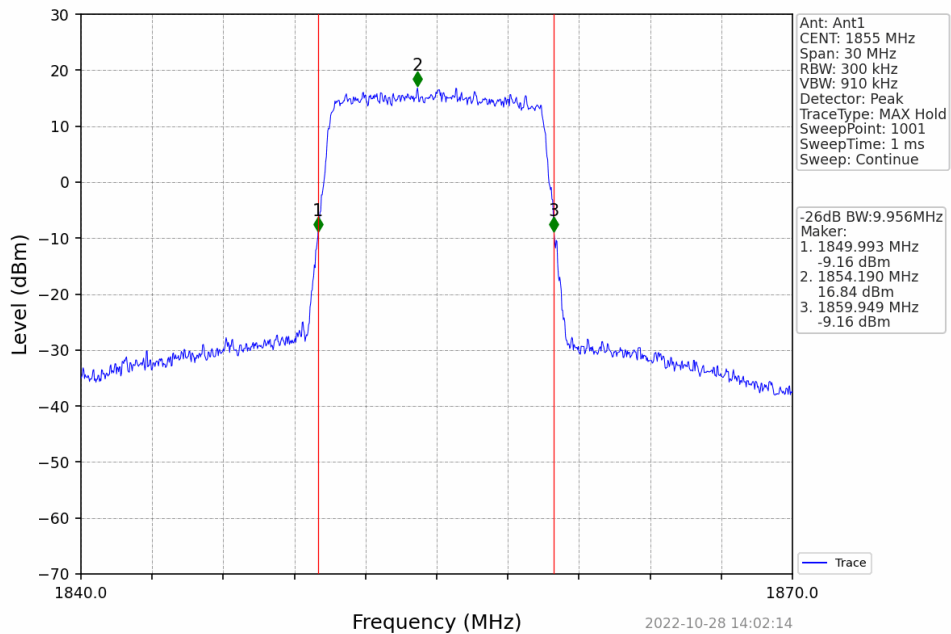
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



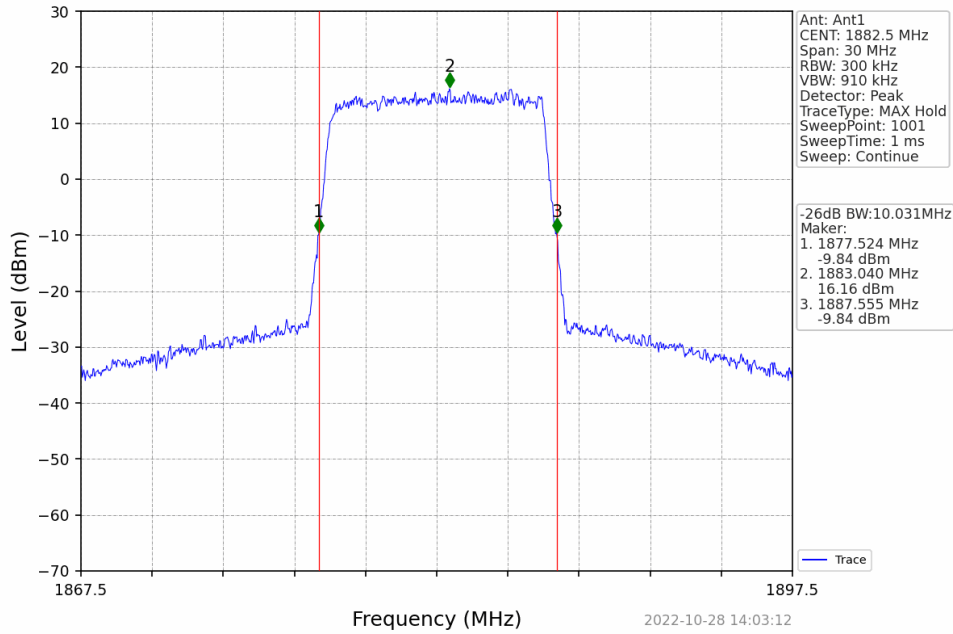
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTNV



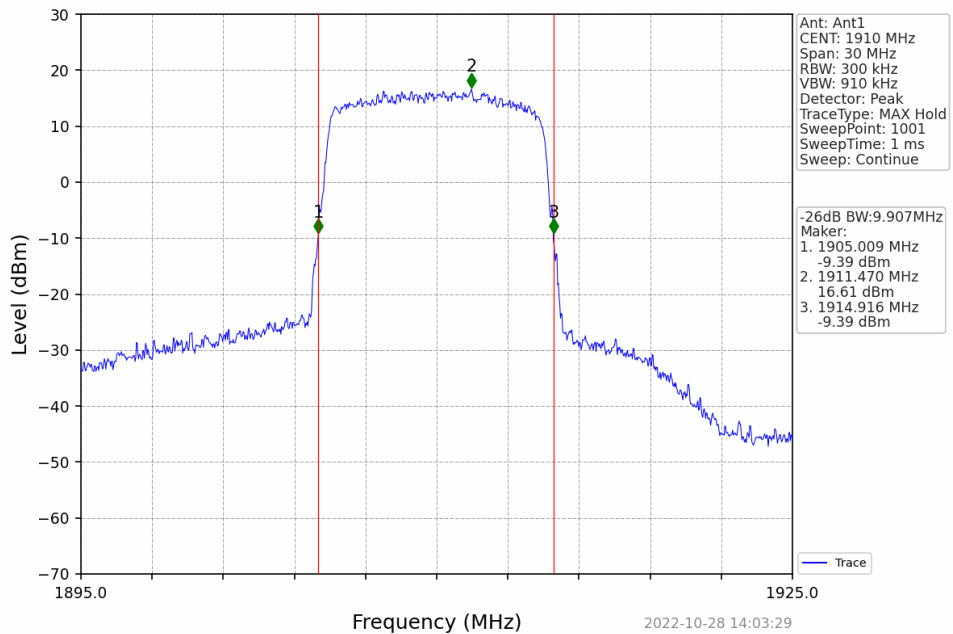
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



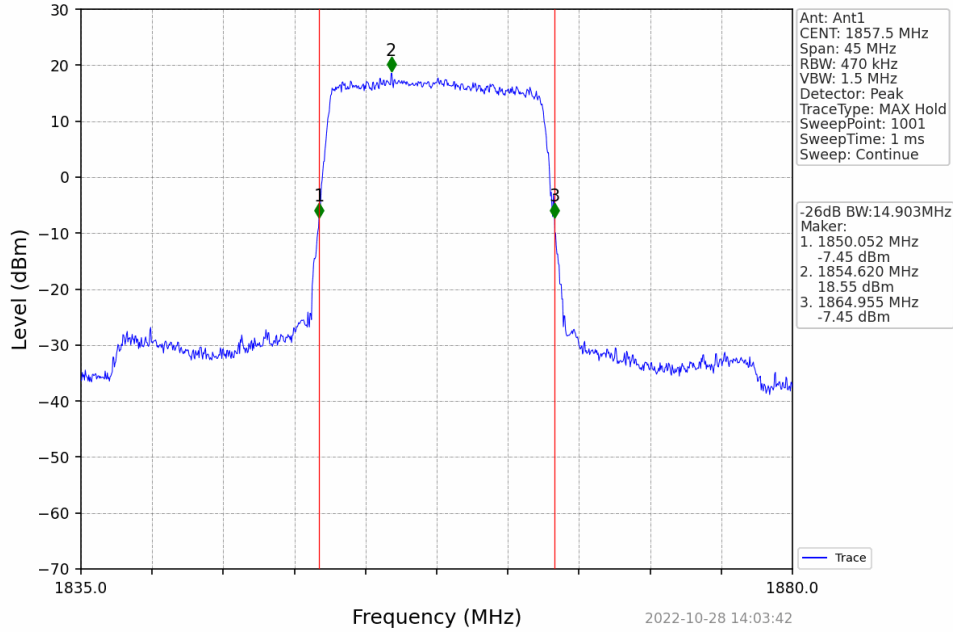
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



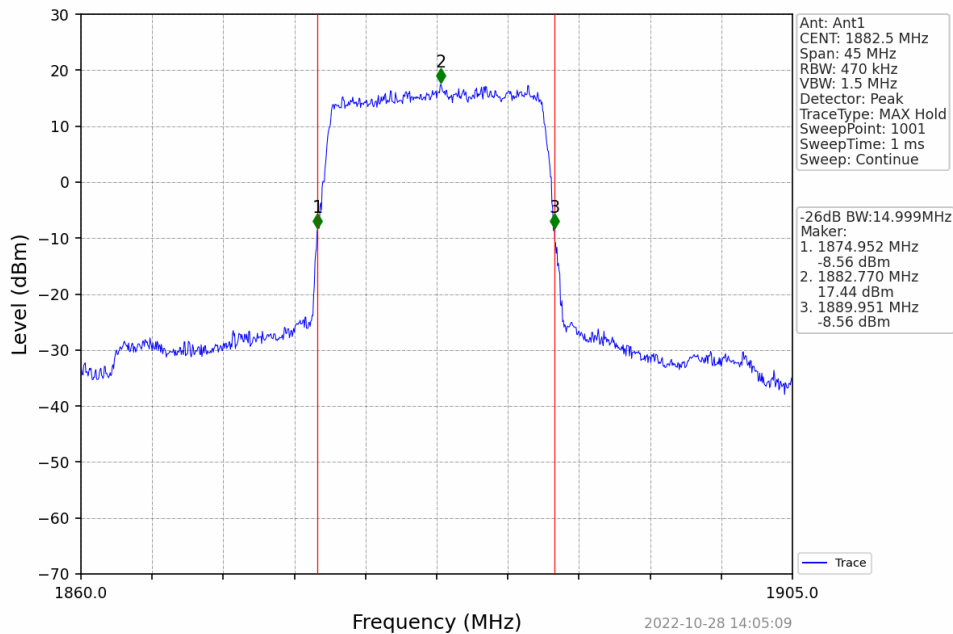
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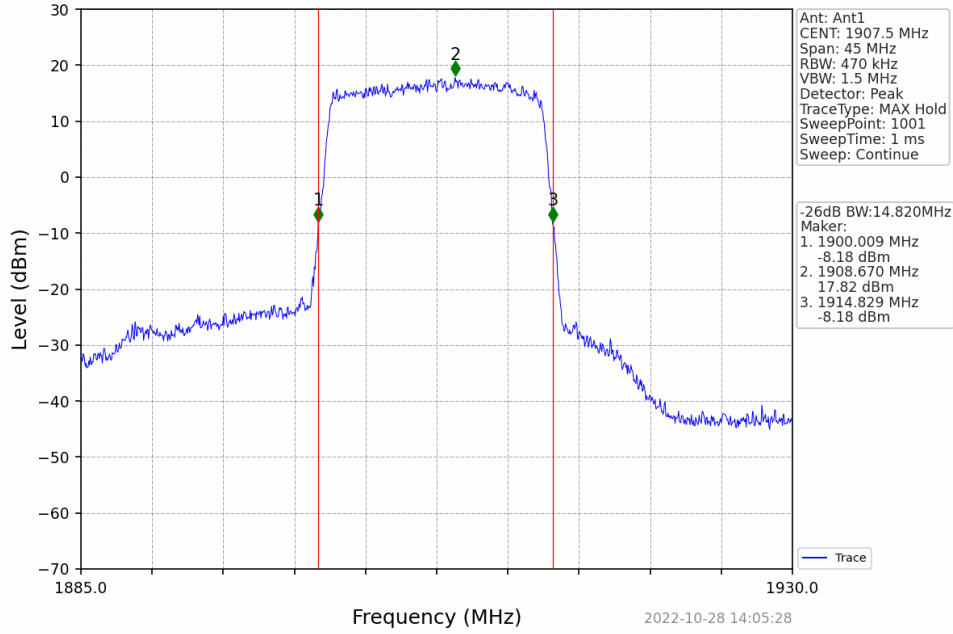
Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



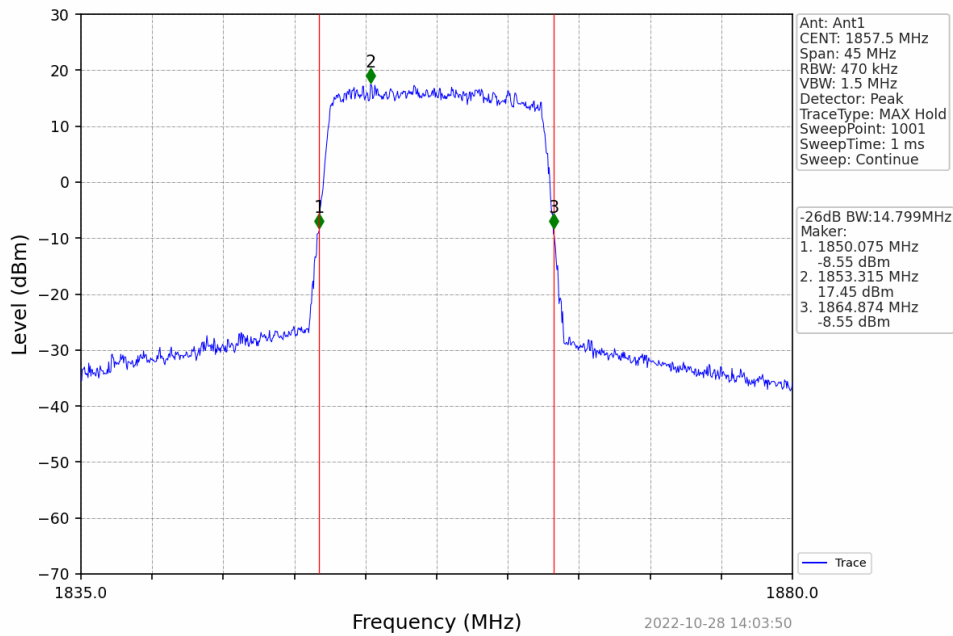
Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



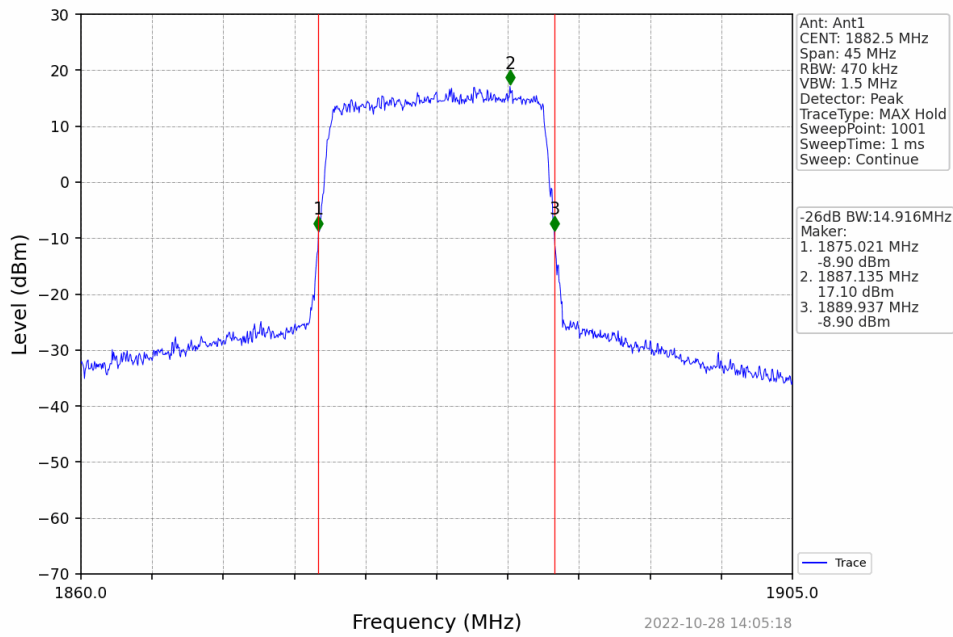
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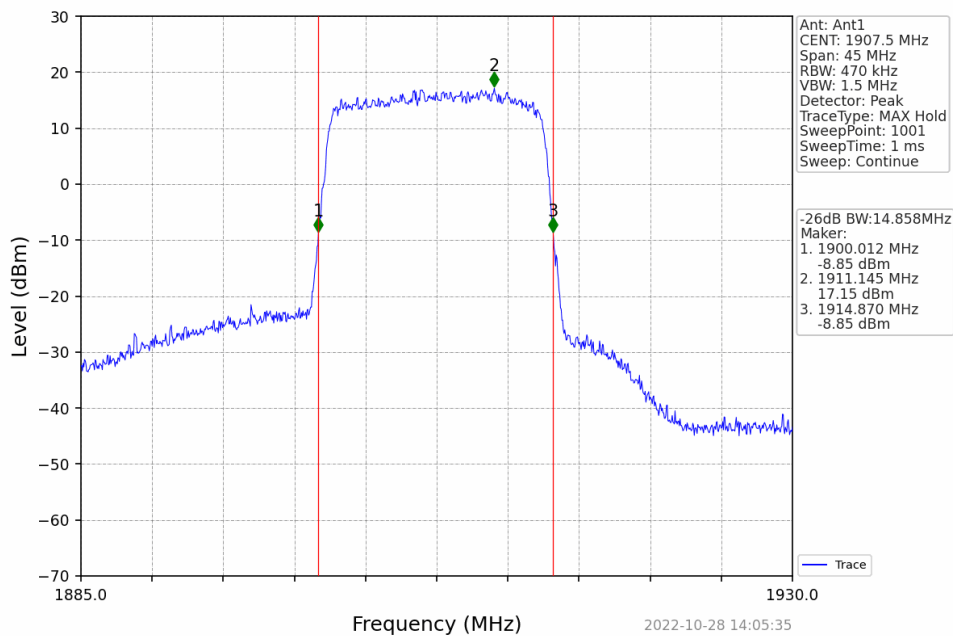
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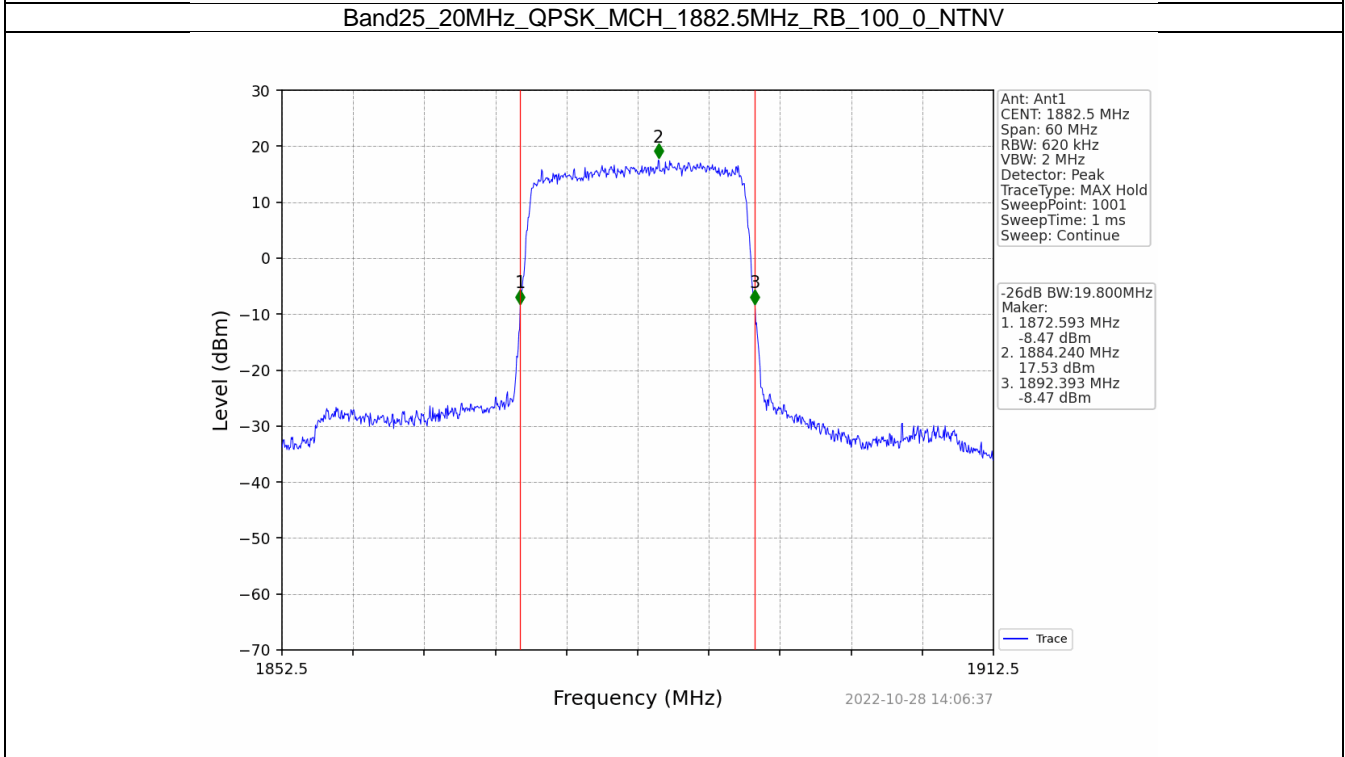
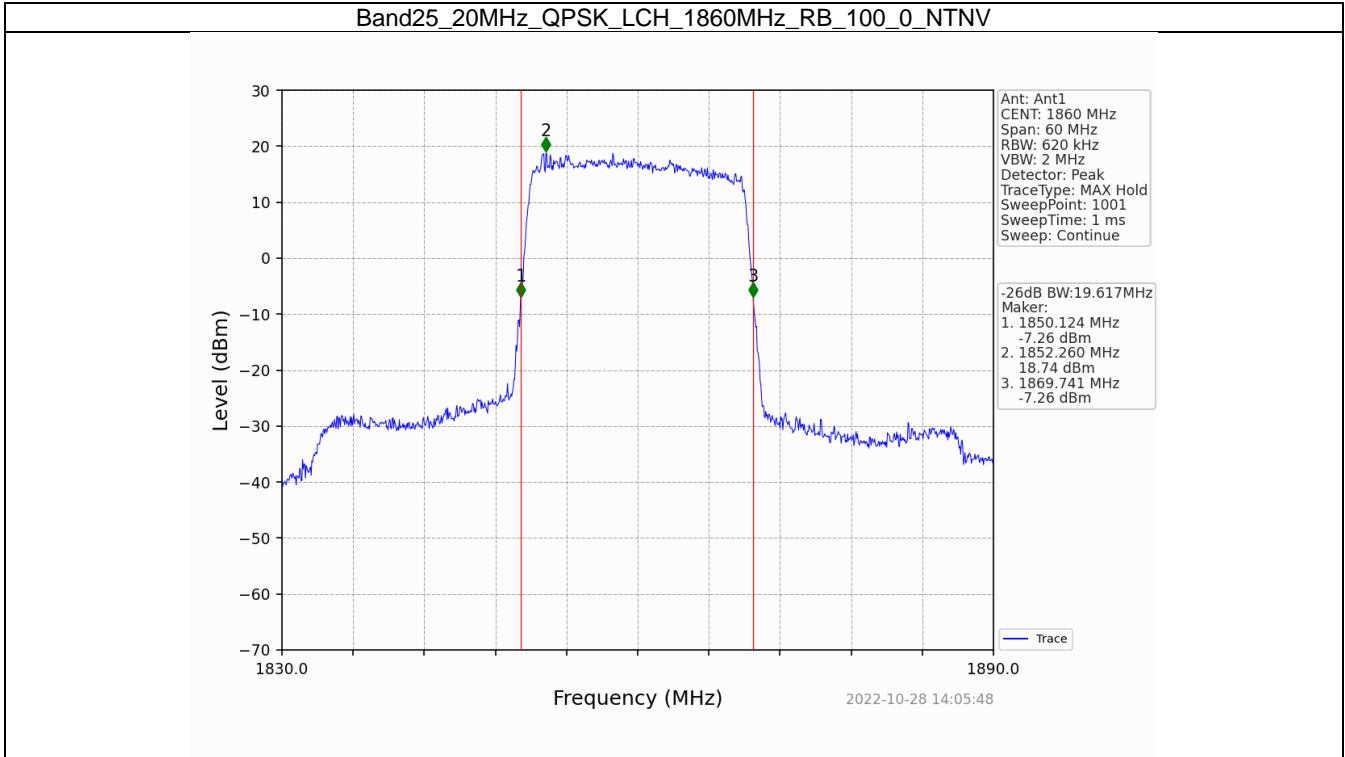


Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV

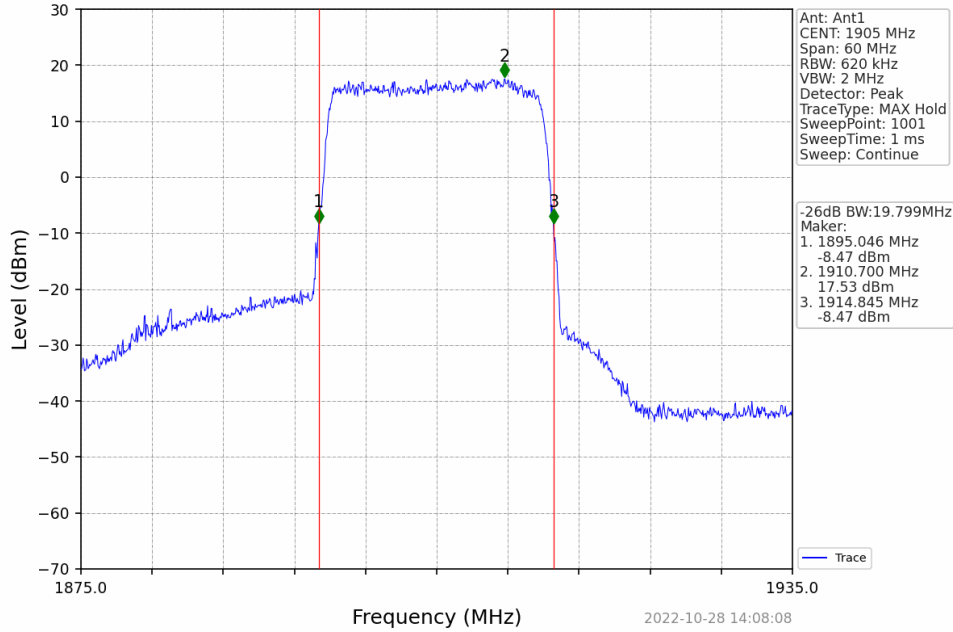


Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV

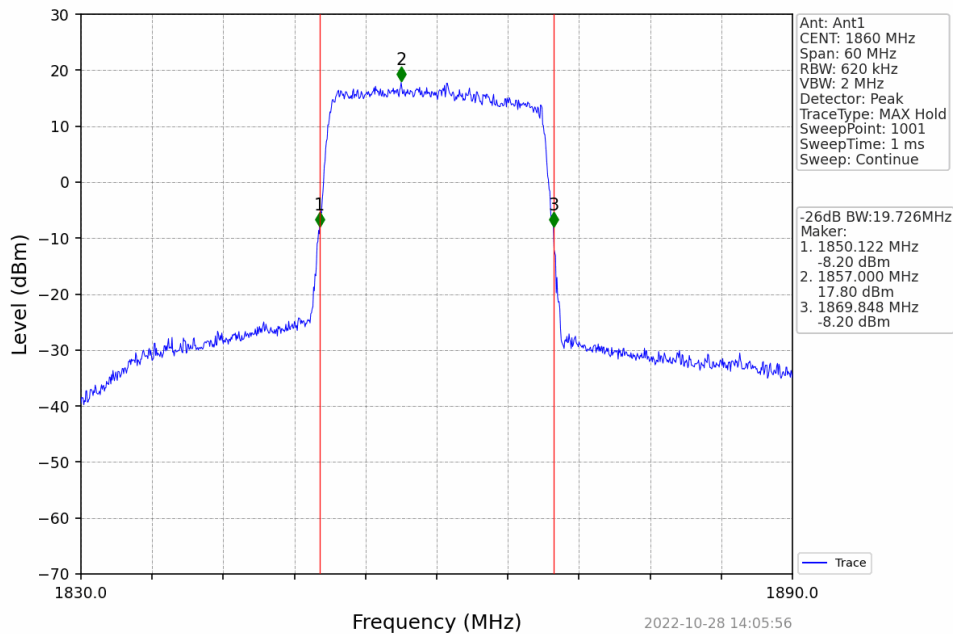




Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV

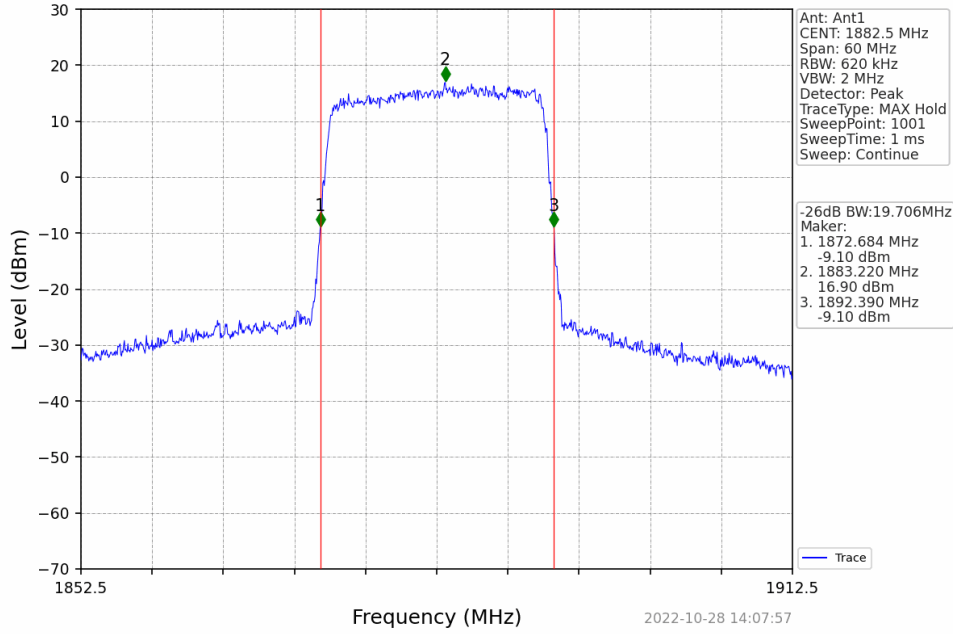


Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV

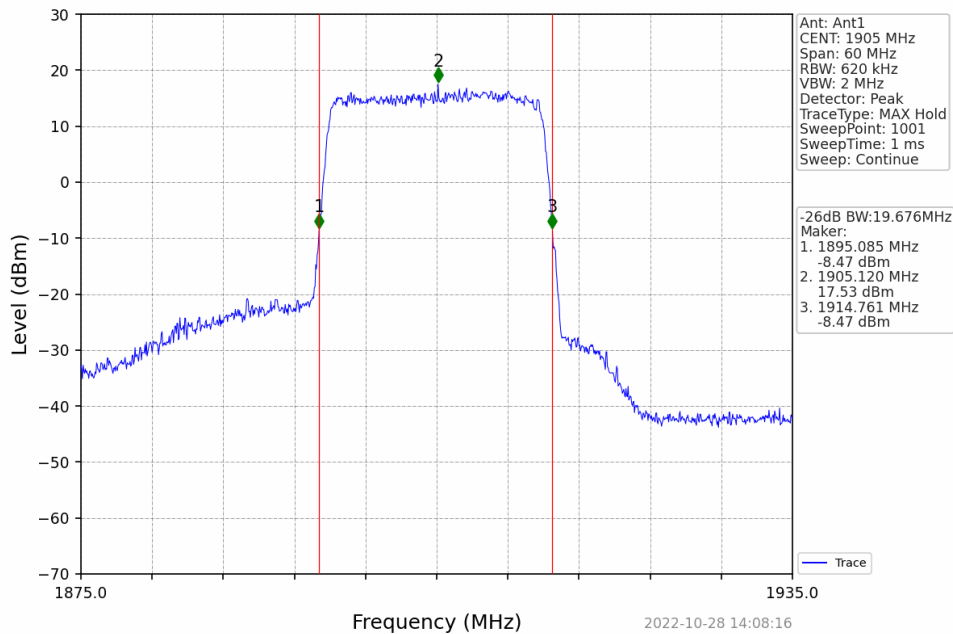




Band25\_20MHz\_16QAM\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV



Band25\_20MHz\_16QAM\_HCH\_1905MHz\_RB\_100\_0\_NTNV





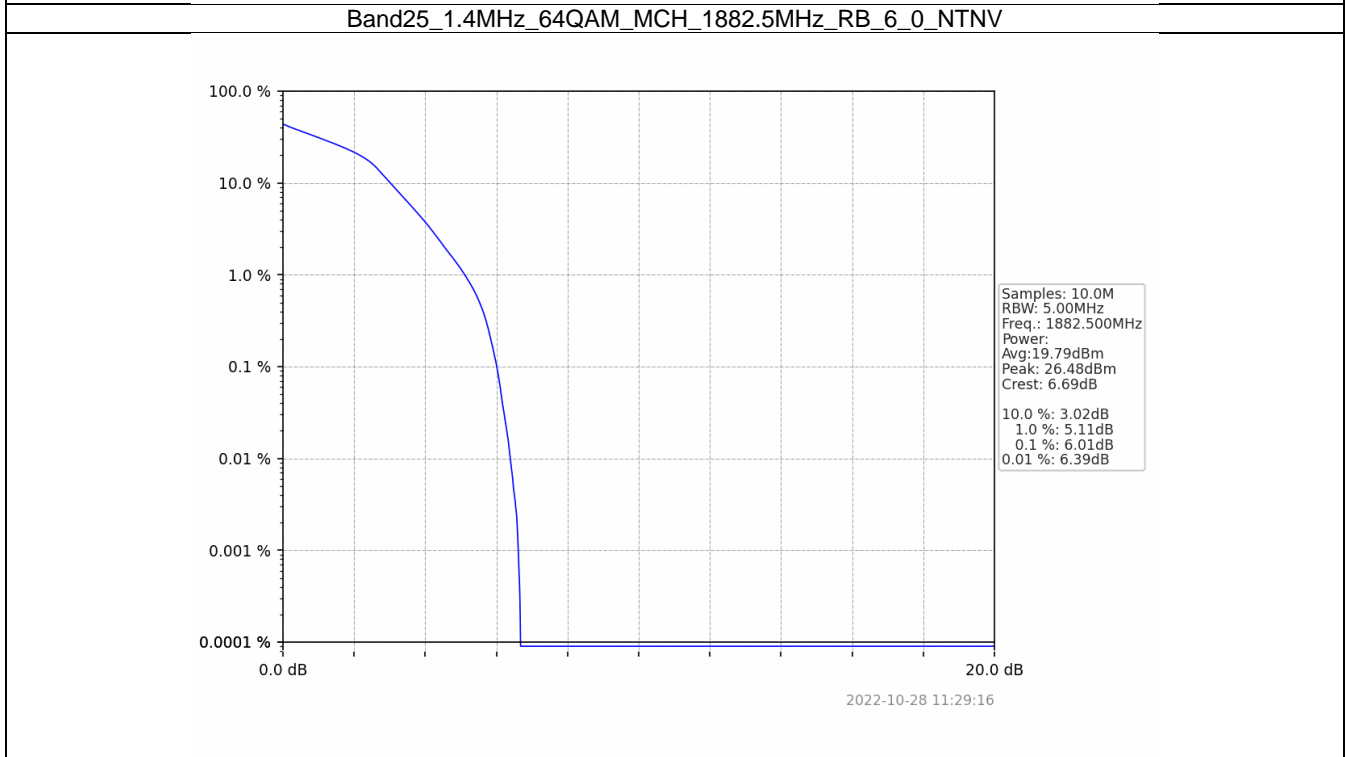
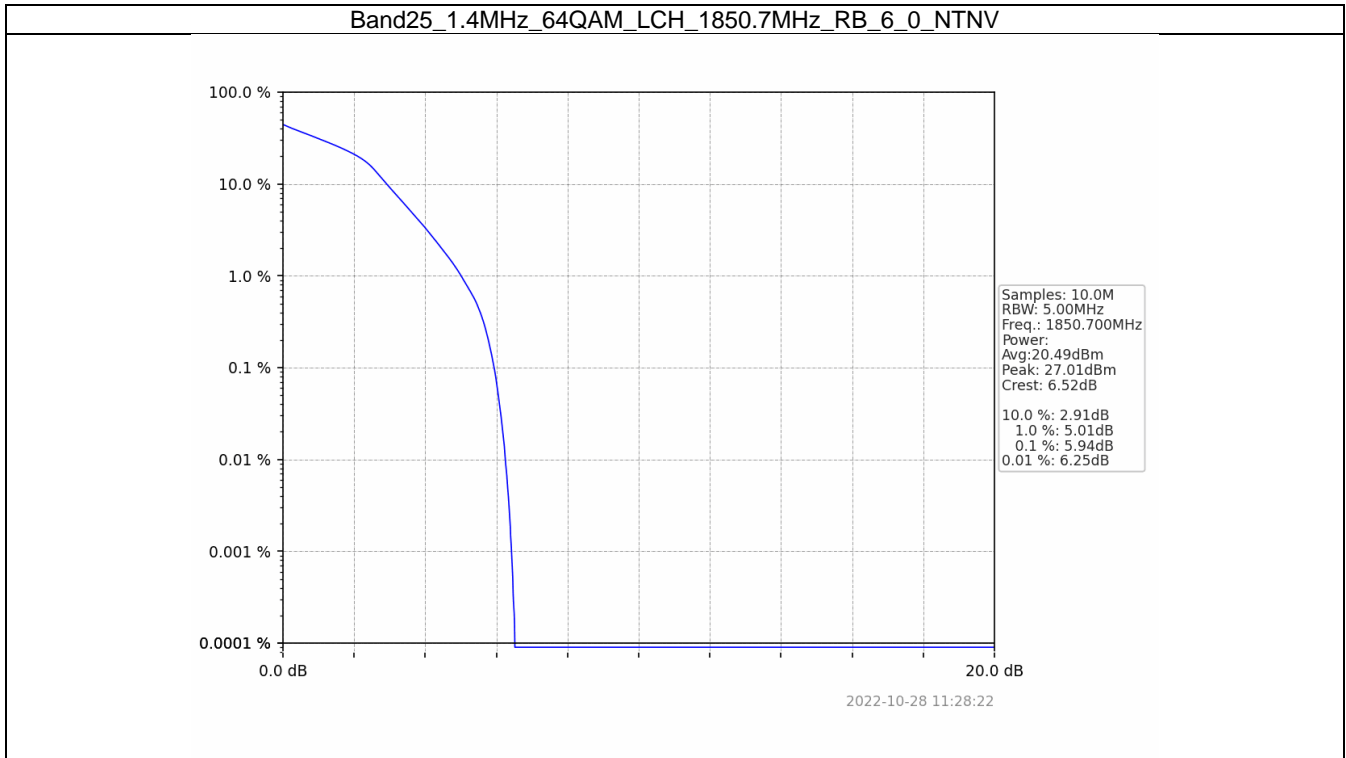
## 5. Peak-Average Ratio

### 5.1 B25\_1.4MHz

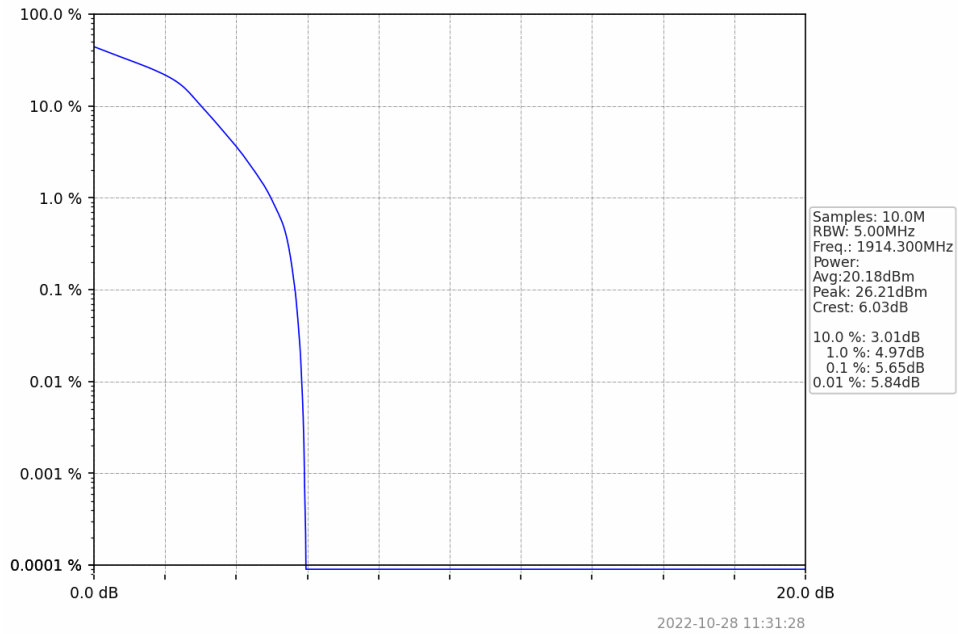
#### 5.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	1850.7	6	0	5.94	<=13	Pass
	1882.5	6	0	6.01	<=13	Pass
	1914.3	6	0	5.65	<=13	Pass
QPSK	1850.7	6	0	5.24	<=13	Pass
	1882.5	6	0	5.40	<=13	Pass
	1914.3	6	0	5.22	<=13	Pass
16QAM	1850.7	6	0	6.12	<=13	Pass
	1882.5	6	0	6.27	<=13	Pass
	1914.3	6	0	6.06	<=13	Pass

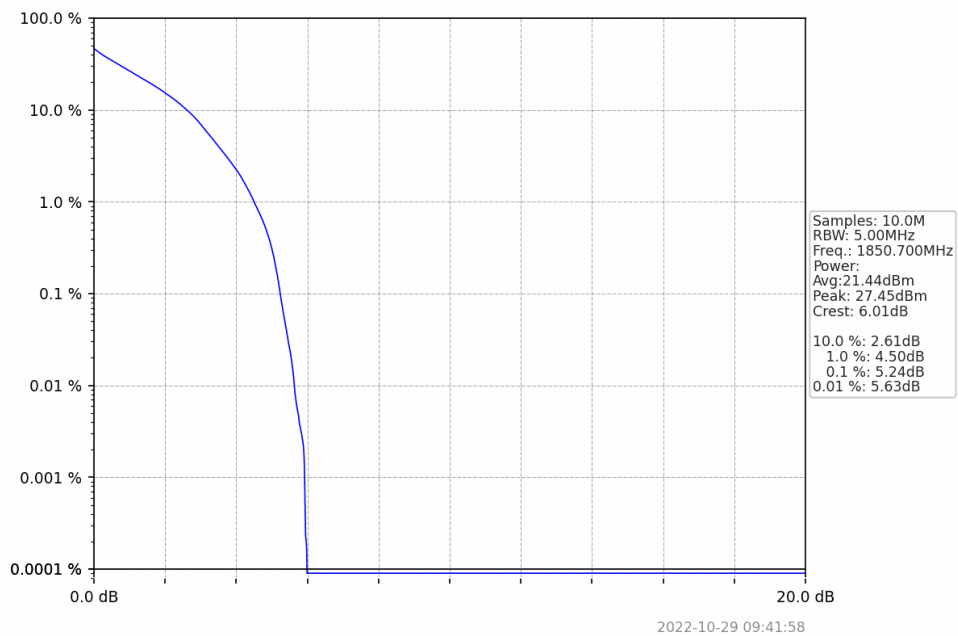
5.1.2 Test Graph



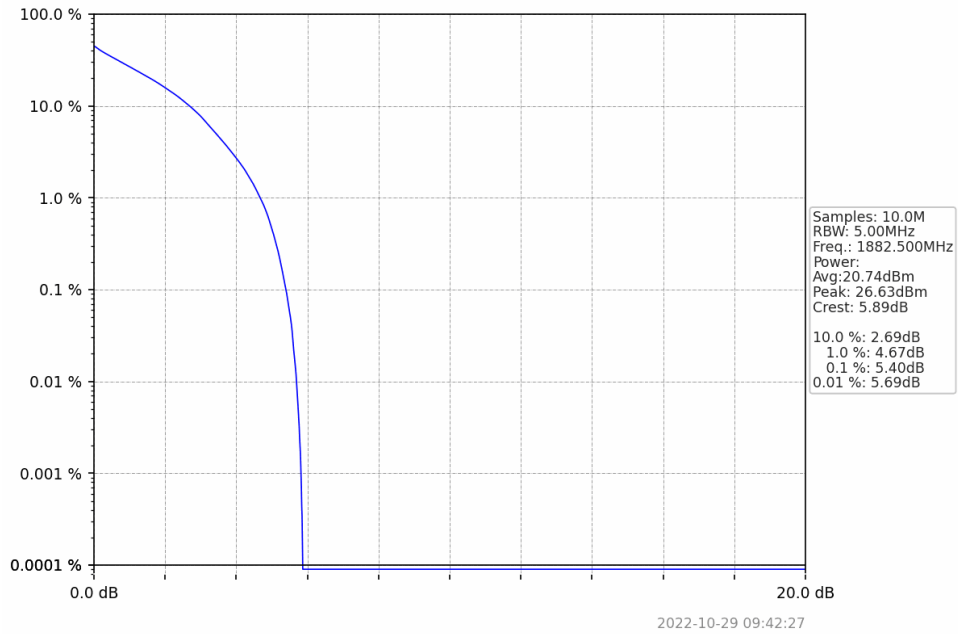
Band25\_1.4MHz\_64QAM\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



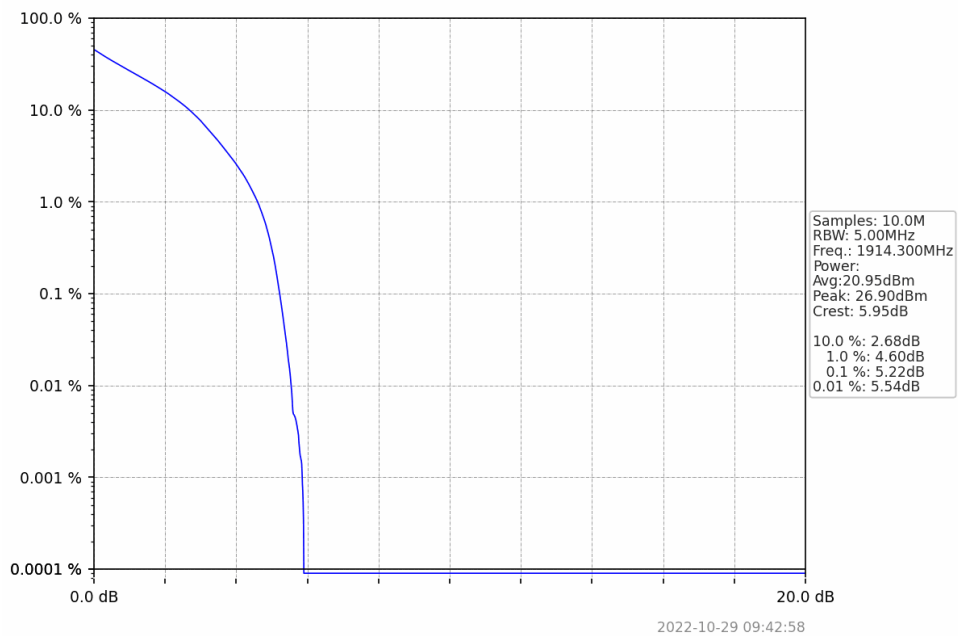
Band25\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



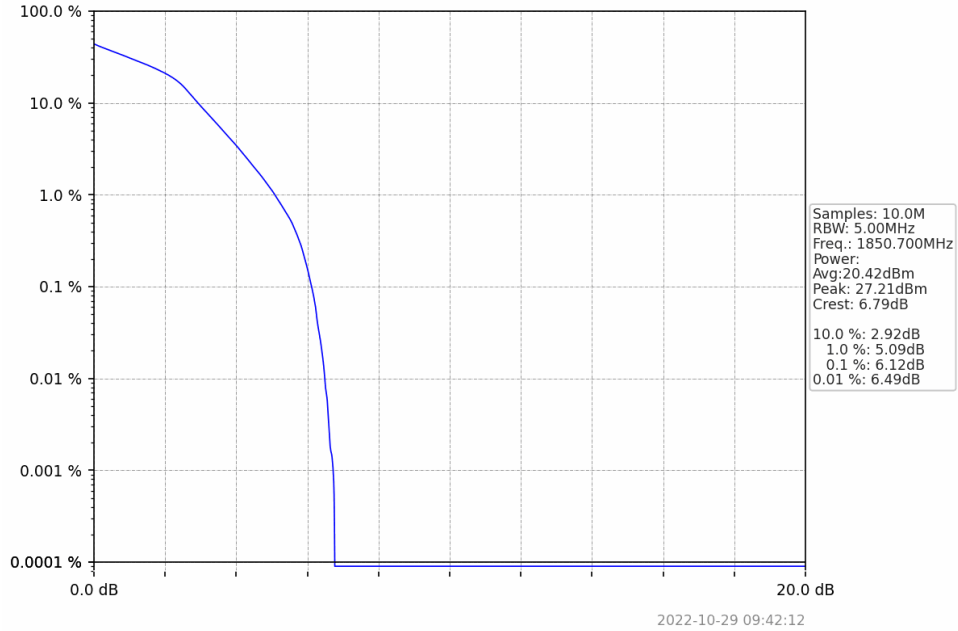
Band25\_1.4MHz\_QPSK\_MCH\_1882.5MHz\_RB\_6\_0\_NTNV



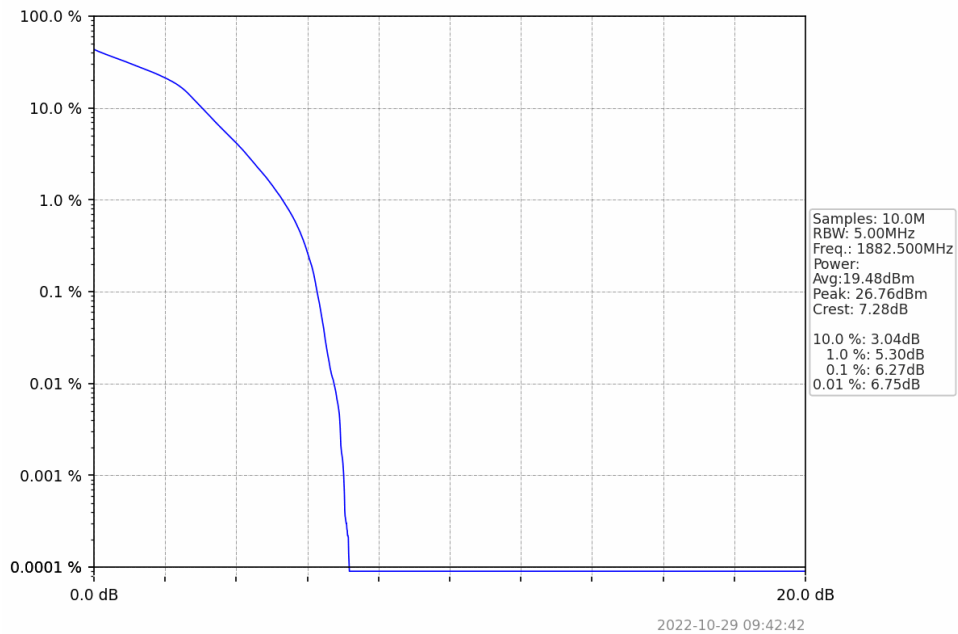
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

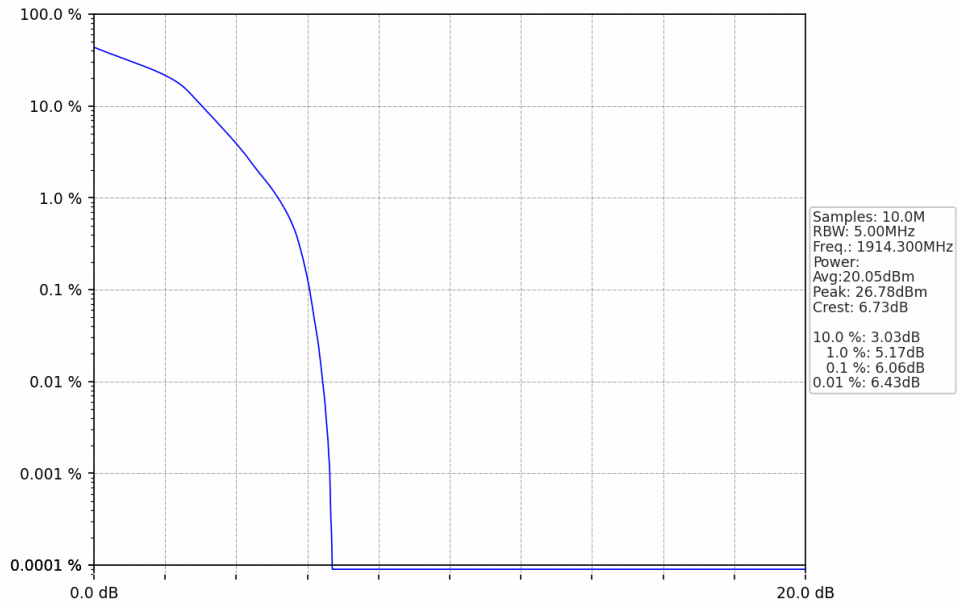


Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_6\_0\_NTNV





Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



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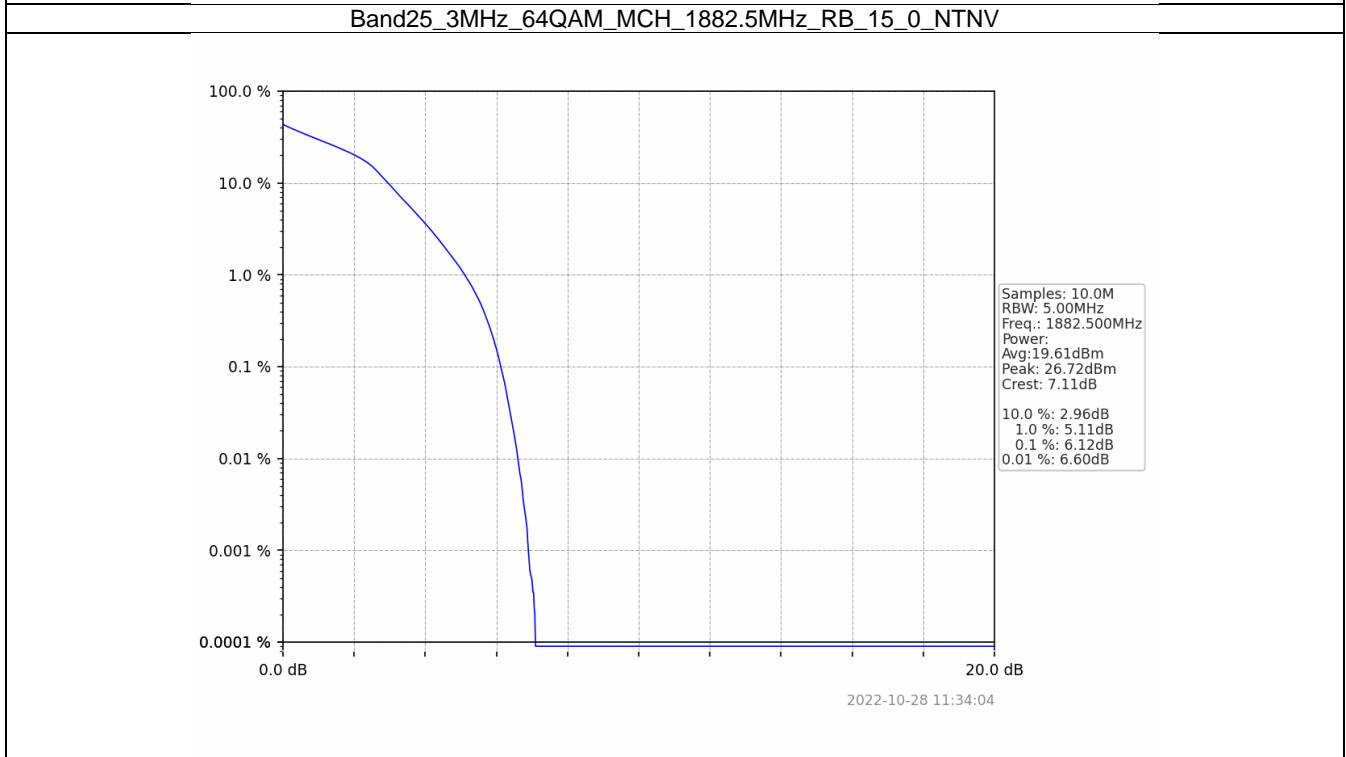
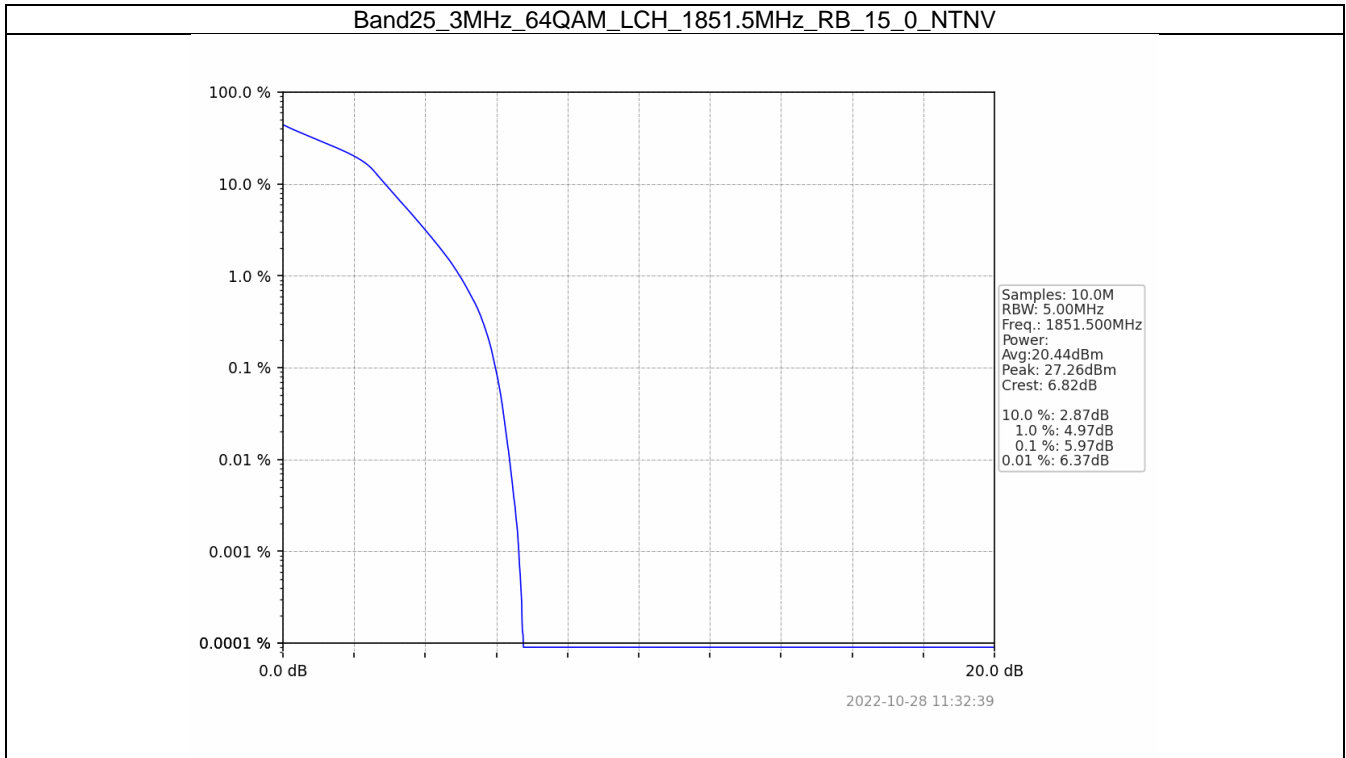
## 5.2 B25\_3MHz

## 5.2.1 Test Result

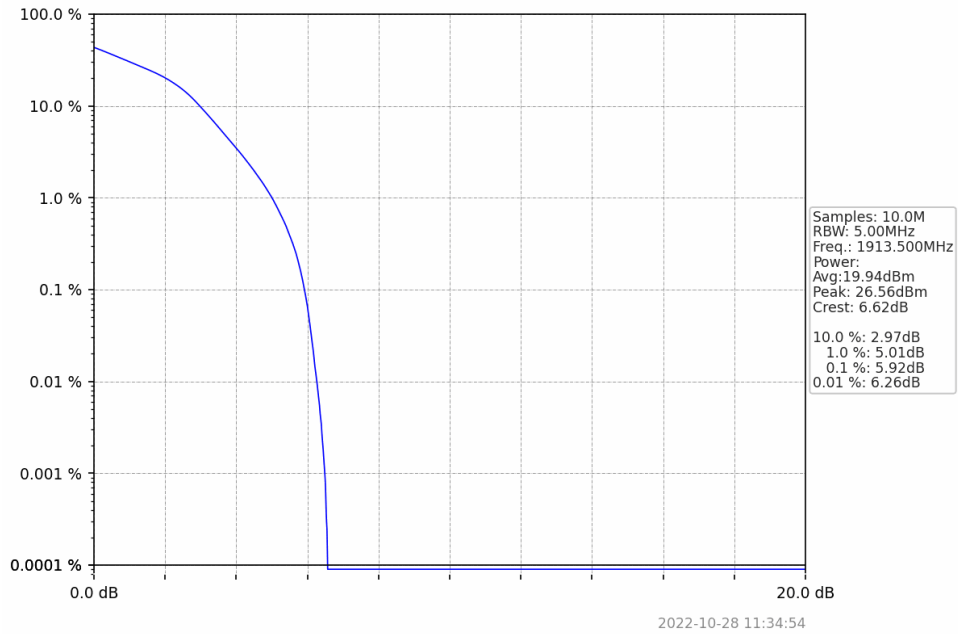
Band: 25 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	1851.5	15	0	5.97	<=13	Pass
	1882.5	15	0	6.12	<=13	Pass
	1913.5	15	0	5.92	<=13	Pass
QPSK	1851.5	15	0	5.32	<=13	Pass
	1882.5	15	0	5.45	<=13	Pass
	1913.5	15	0	5.24	<=13	Pass
16QAM	1851.5	15	0	6.13	<=13	Pass
	1882.5	15	0	6.31	<=13	Pass
	1913.5	15	0	6.11	<=13	Pass



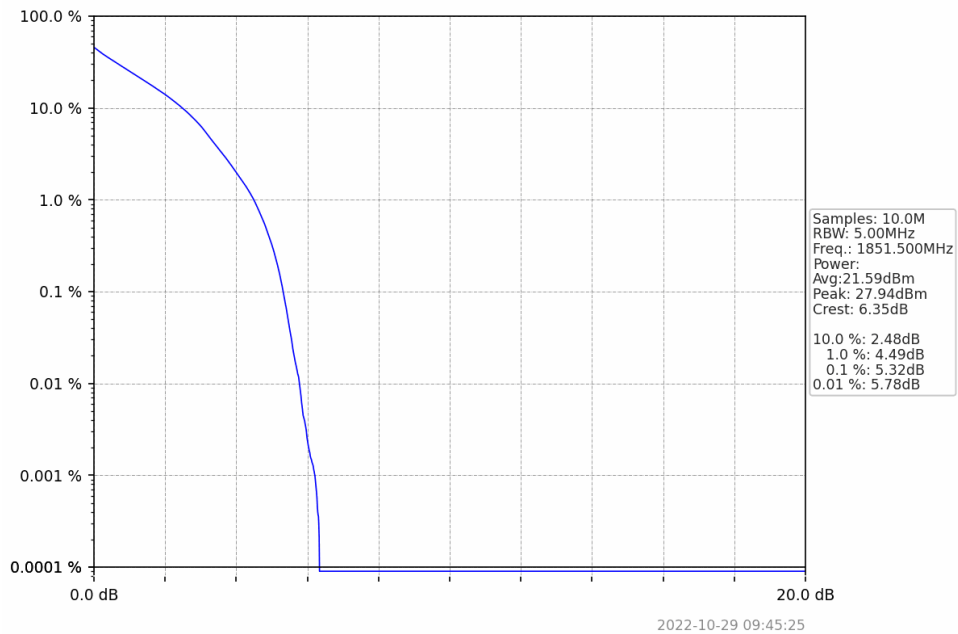
5.2.2 Test Graph



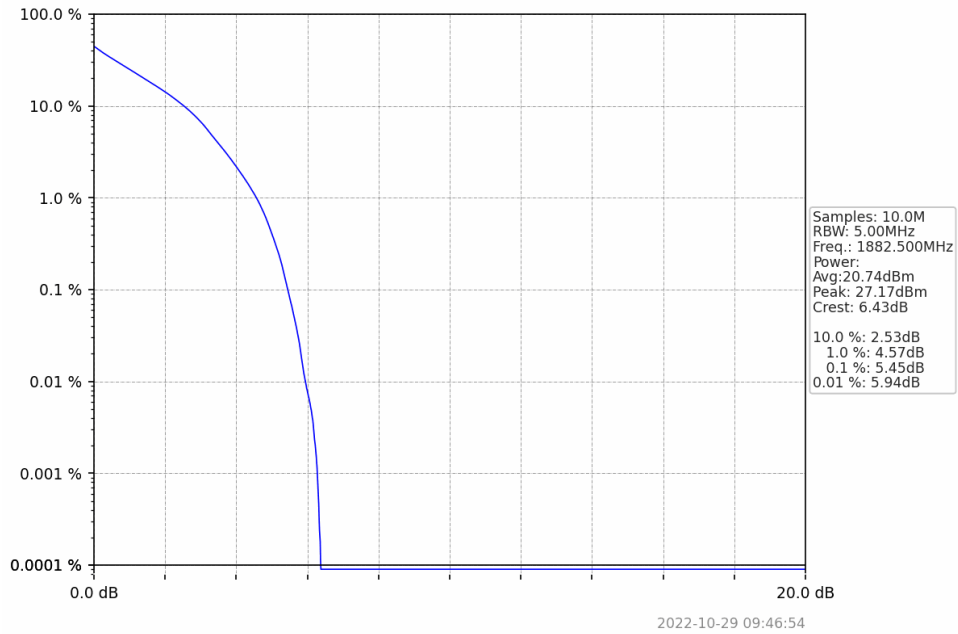
Band25\_3MHz\_64QAM\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



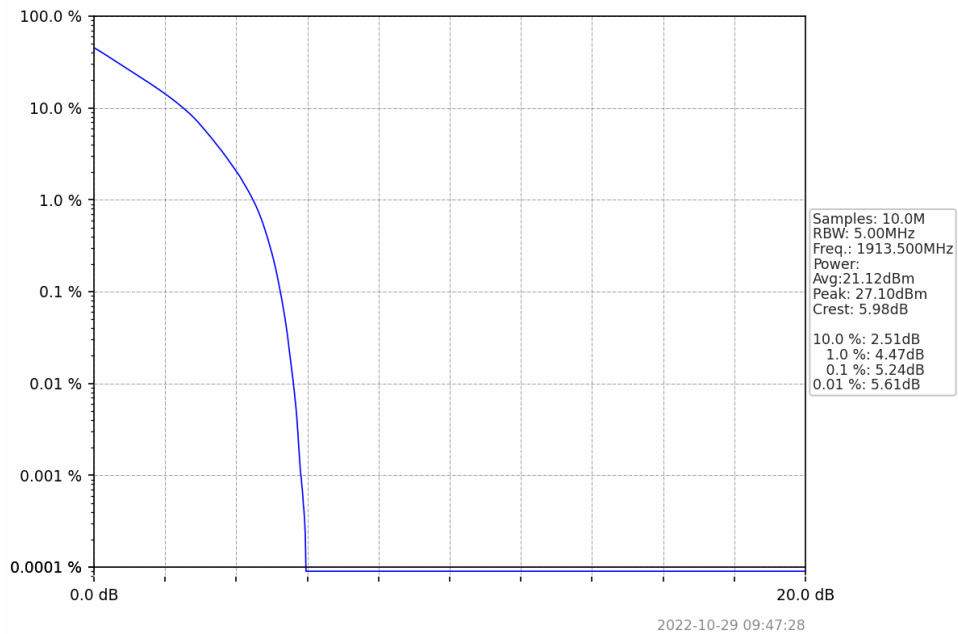
Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



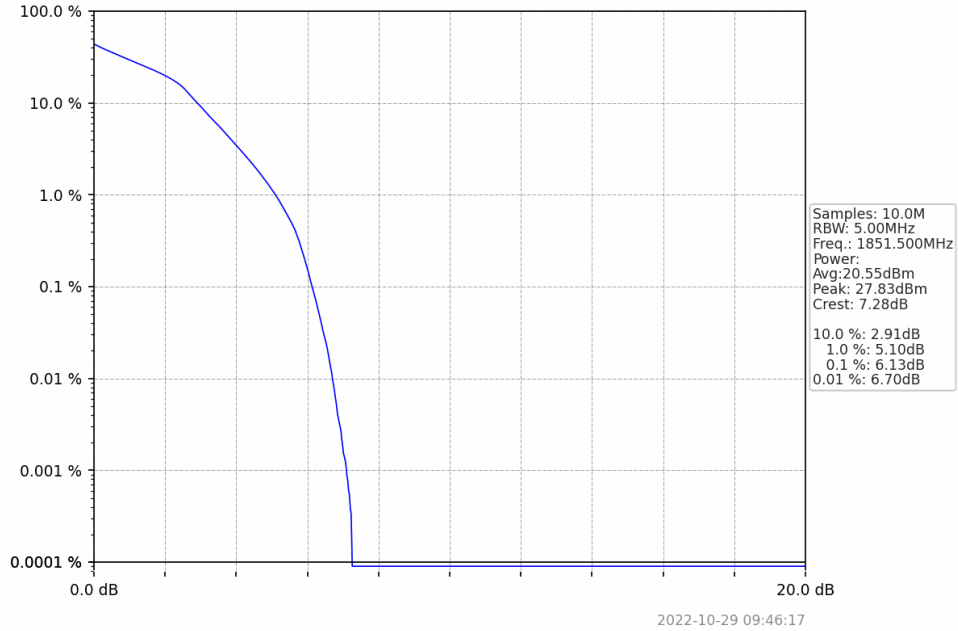
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



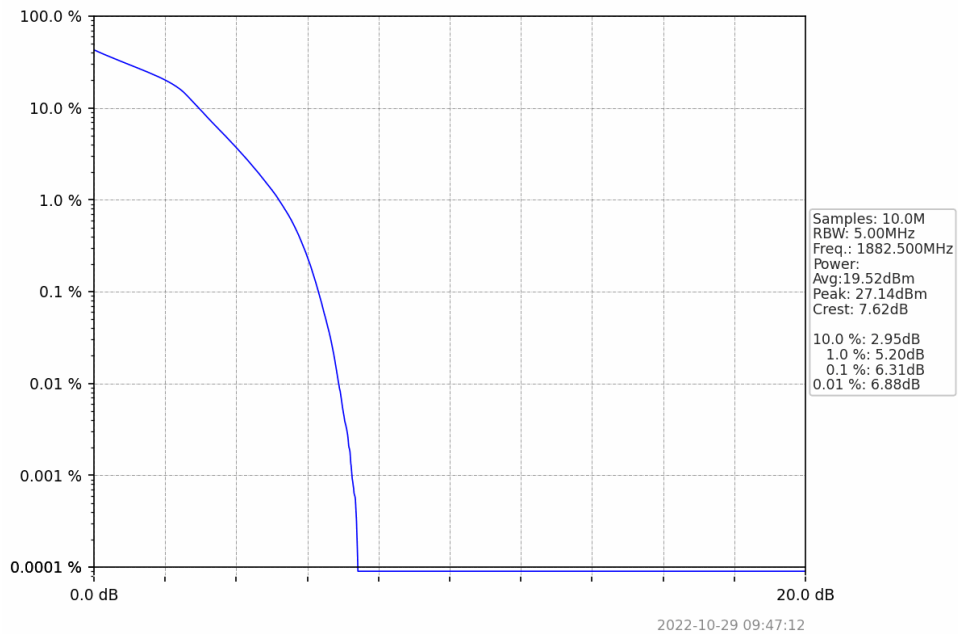
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

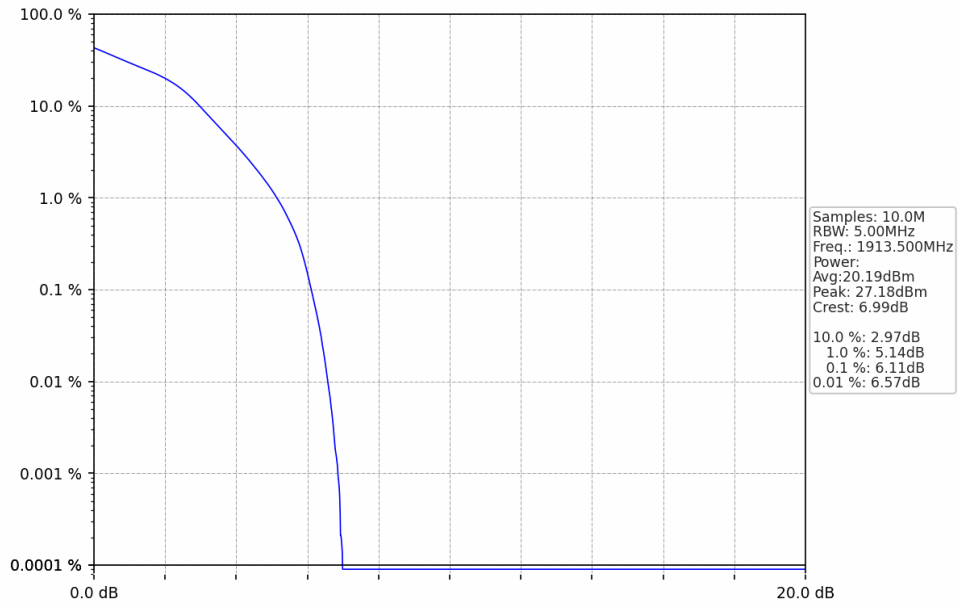


Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV





Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



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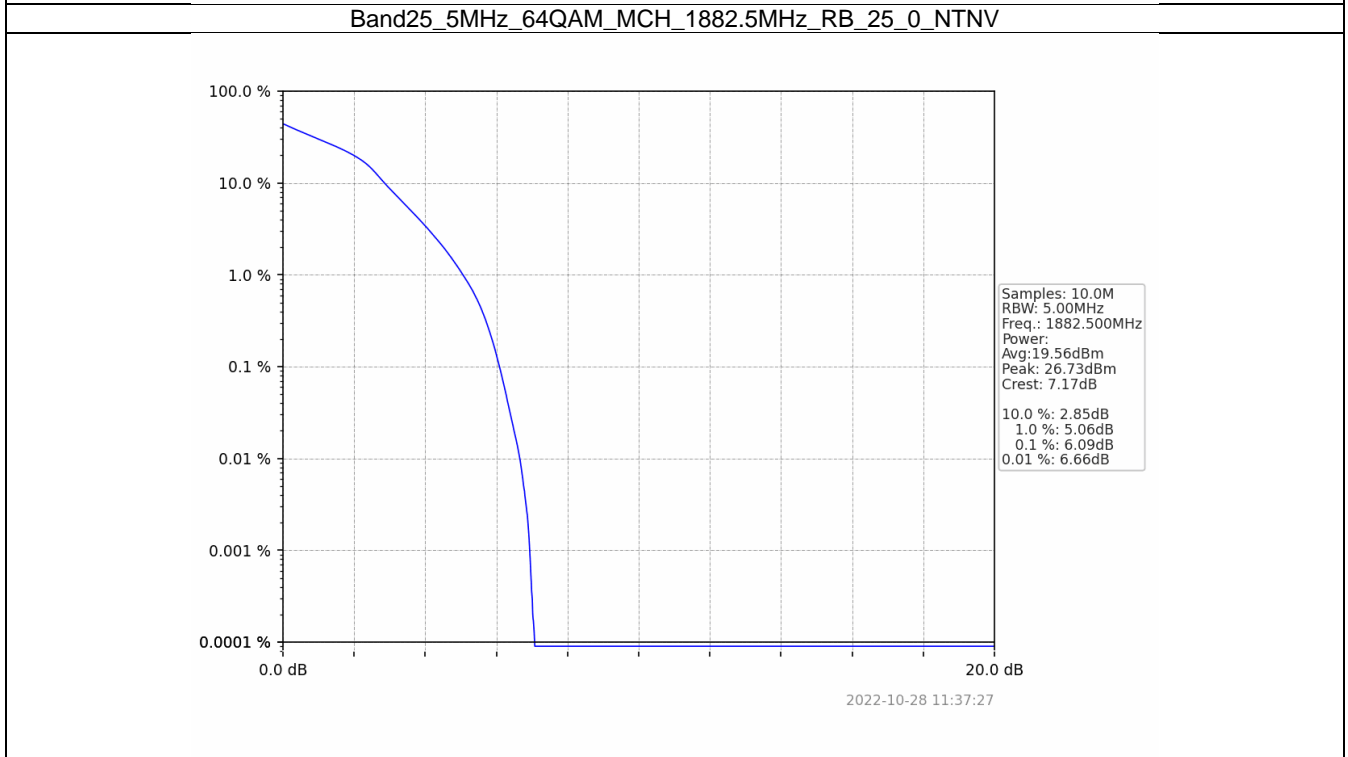
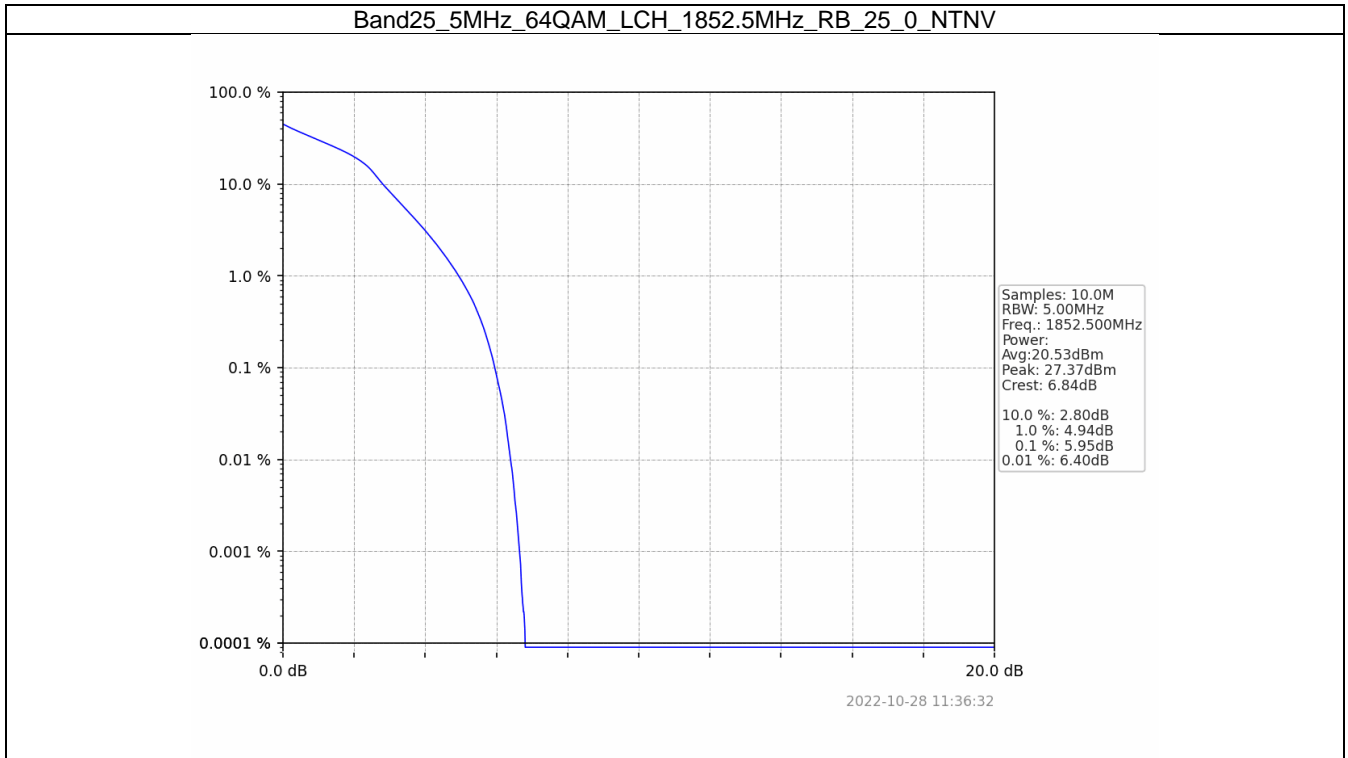
## 5.3 B25\_5MHz

## 5.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	1852.5	25	0	5.95	<=13	Pass
	1882.5	25	0	6.09	<=13	Pass
	1912.5	25	0	5.87	<=13	Pass
QPSK	1852.5	25	0	5.29	<=13	Pass
	1882.5	25	0	5.39	<=13	Pass
	1912.5	25	0	5.19	<=13	Pass
16QAM	1852.5	25	0	6.05	<=13	Pass
	1882.5	25	0	6.18	<=13	Pass
	1912.5	25	0	6.02	<=13	Pass

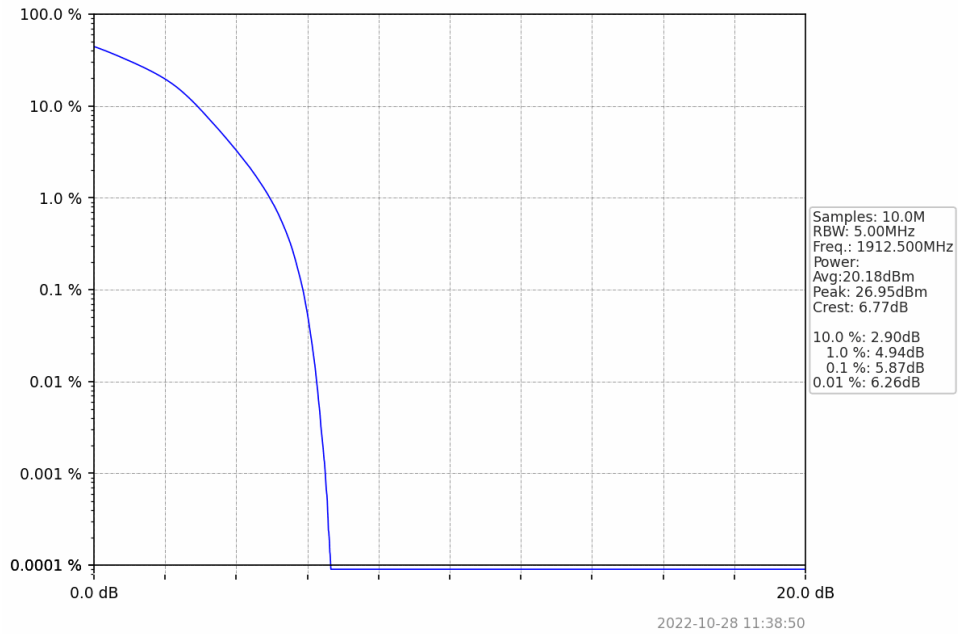


### 5.3.2 Test Graph

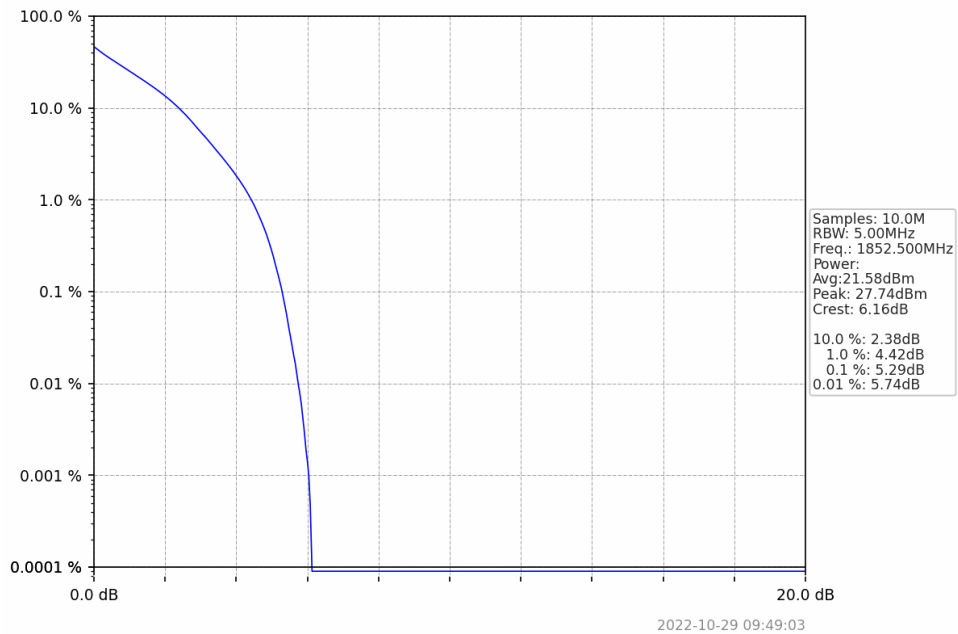




Band25\_5MHz\_64QAM\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV

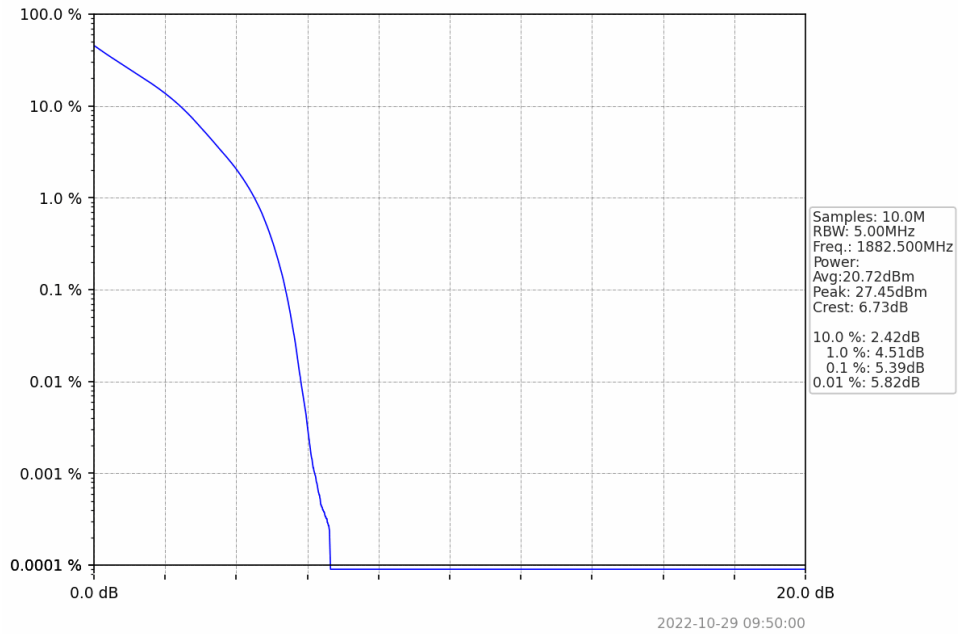


Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

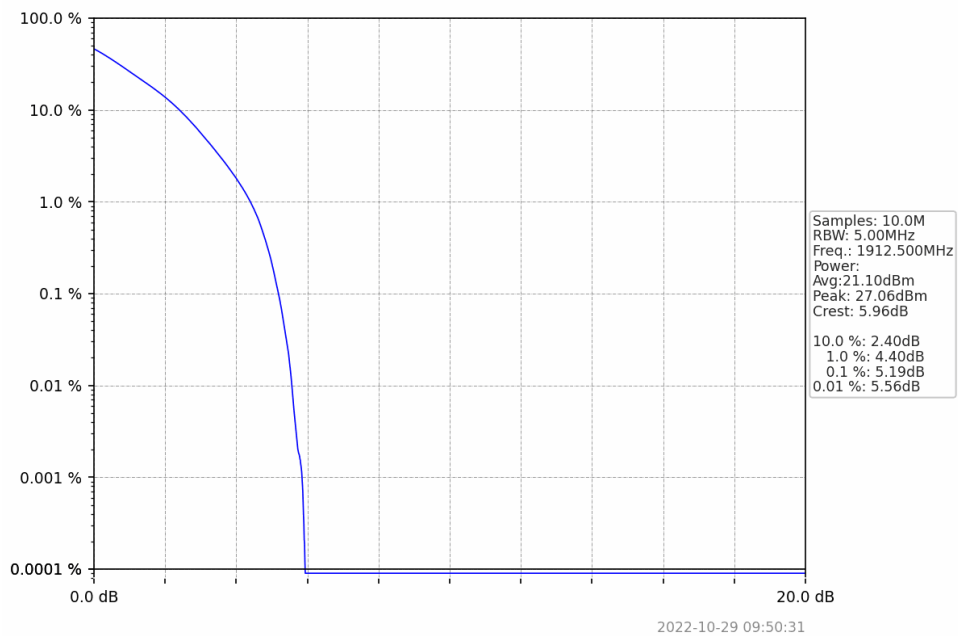




Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV

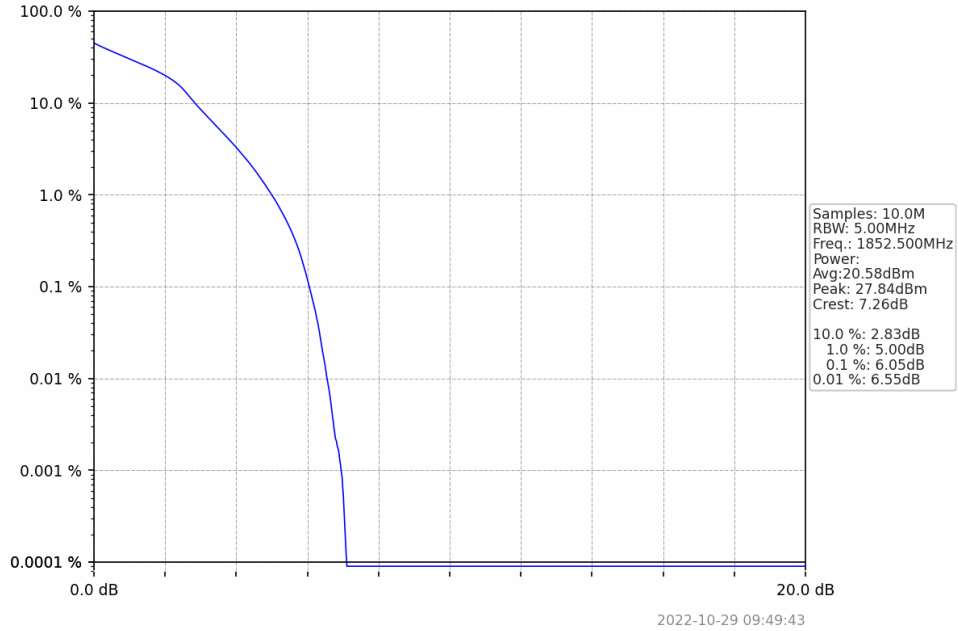


Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV

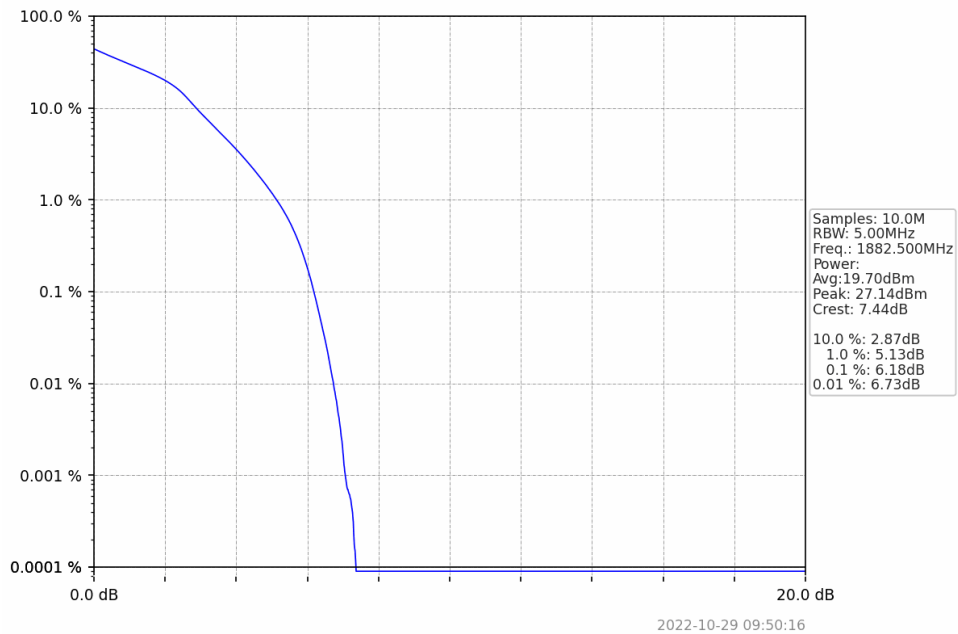




Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

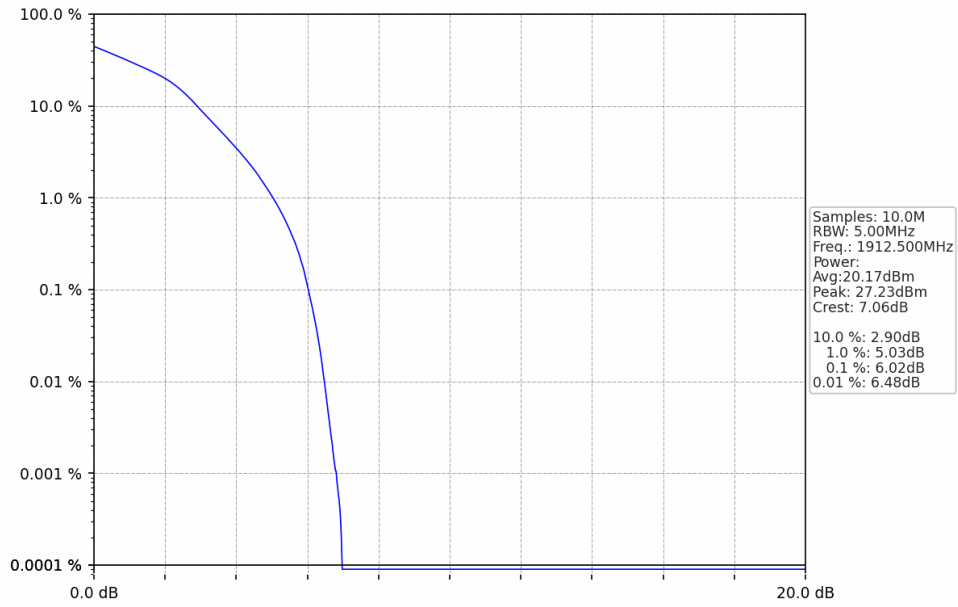


Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV





Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



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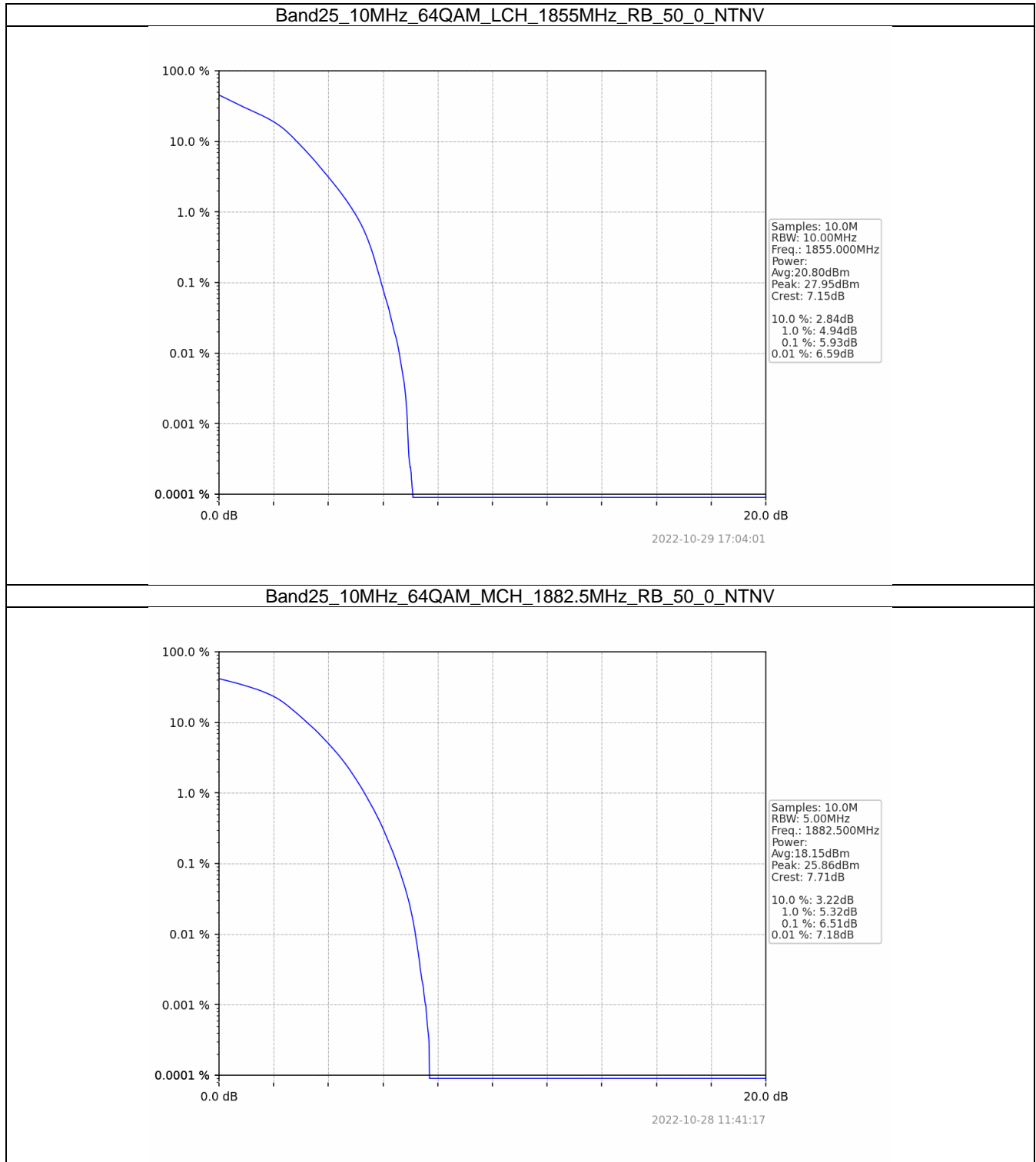
## 5.4 B25\_10MHz

### 5.4.1 Test Result

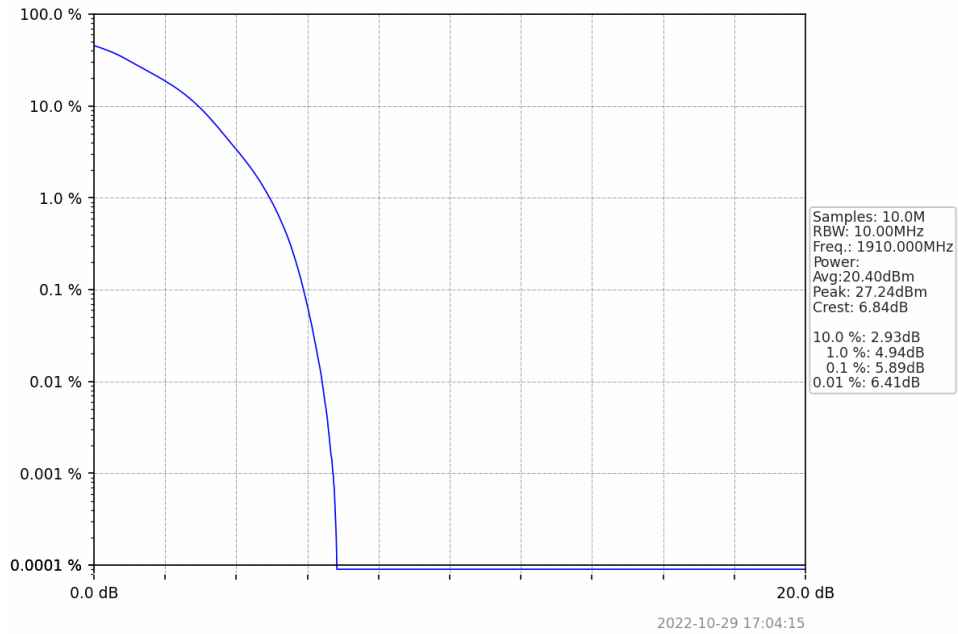
Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	1855	50	0	5.93	<=13	Pass
	1882.5	50	0	6.51	<=13	Pass
	1910	50	0	5.89	<=13	Pass
QPSK	1855	50	0	5.22	<=13	Pass
	1882.5	50	0	5.41	<=13	Pass
	1910	50	0	5.16	<=13	Pass
16QAM	1855	50	0	6.00	<=13	Pass
	1882.5	50	0	6.19	<=13	Pass
	1910	50	0	6.51	<=13	Pass



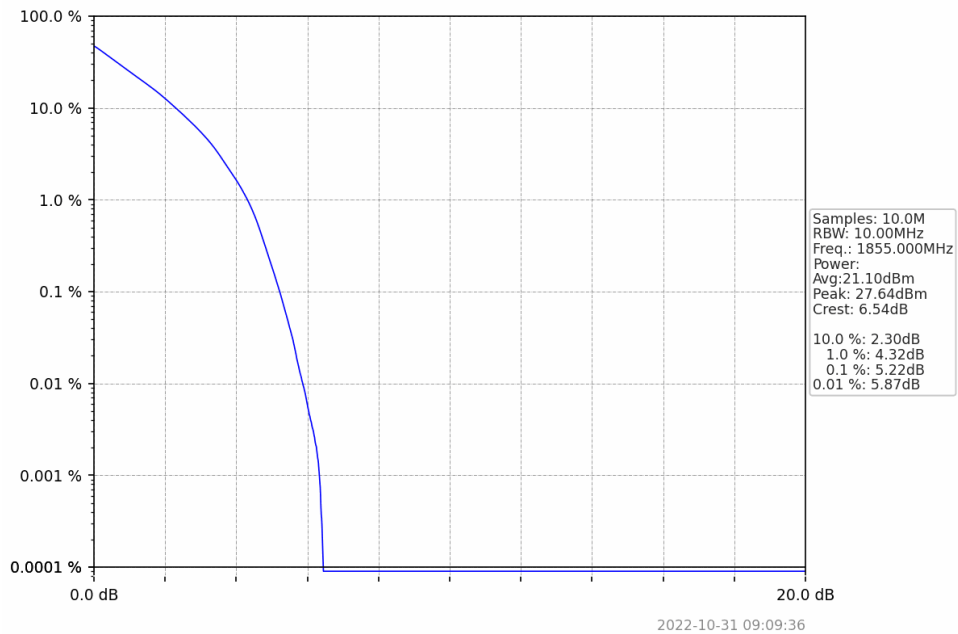
### 5.4.2 Test Graph



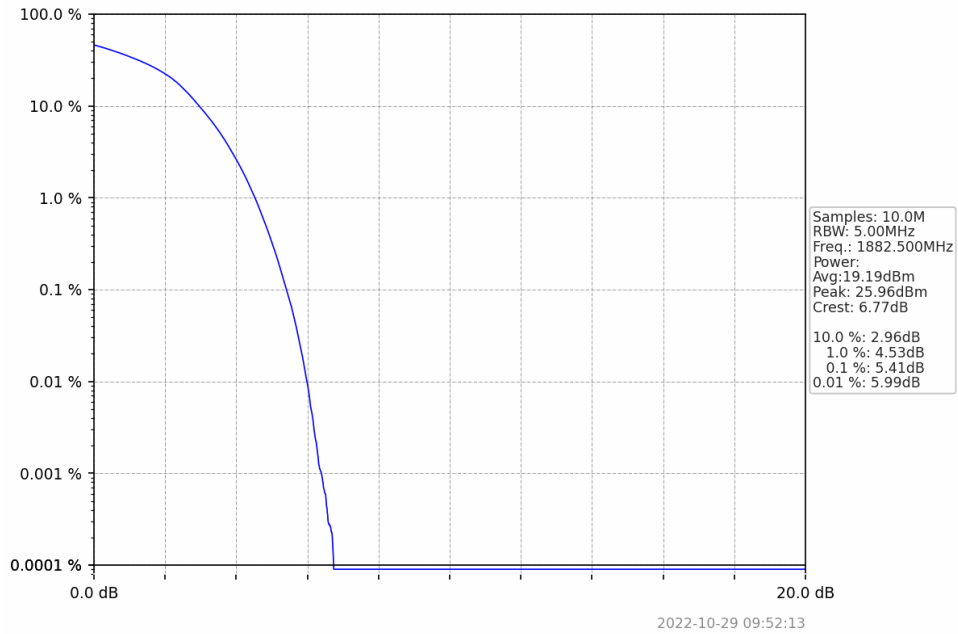
Band25\_10MHz\_64QAM\_HCH\_1910MHz\_RB\_50\_0\_NTNV



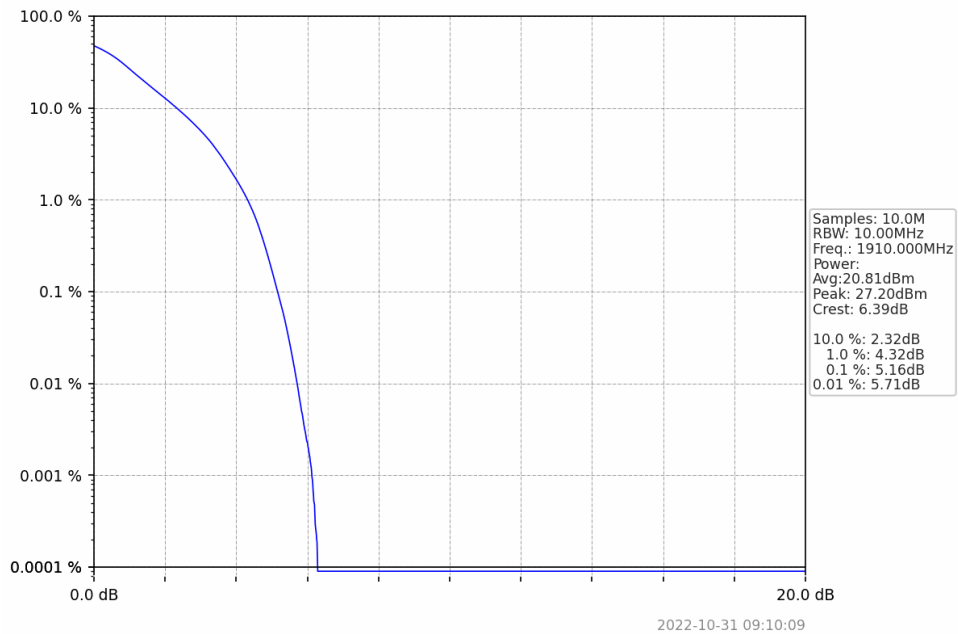
Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV

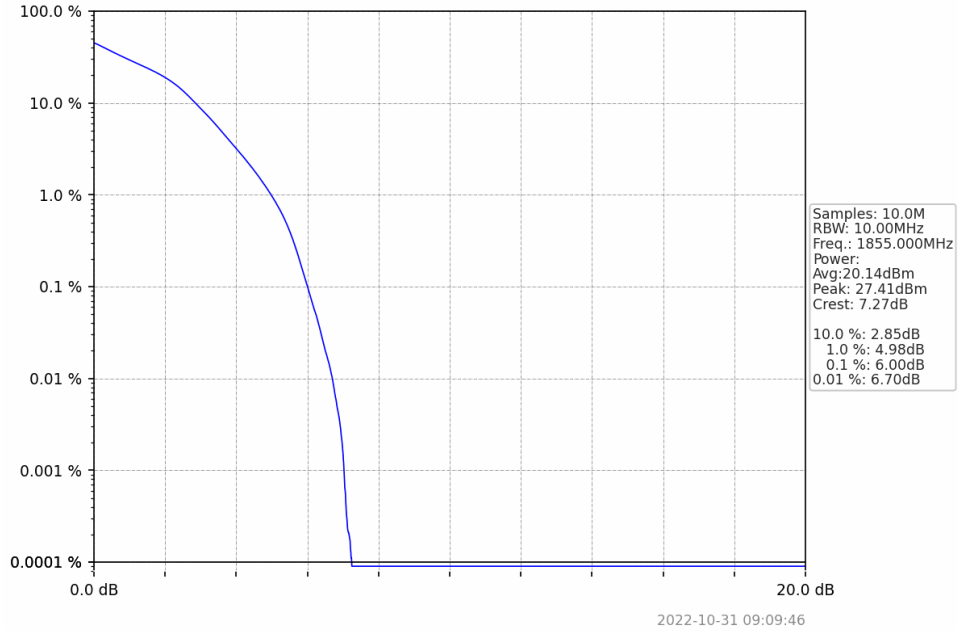


Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTNV

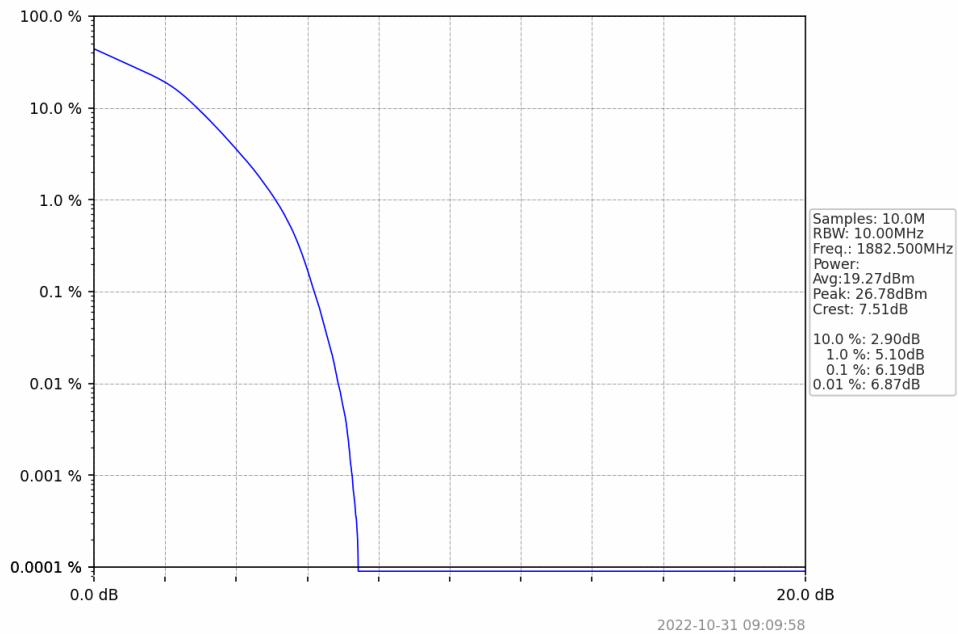




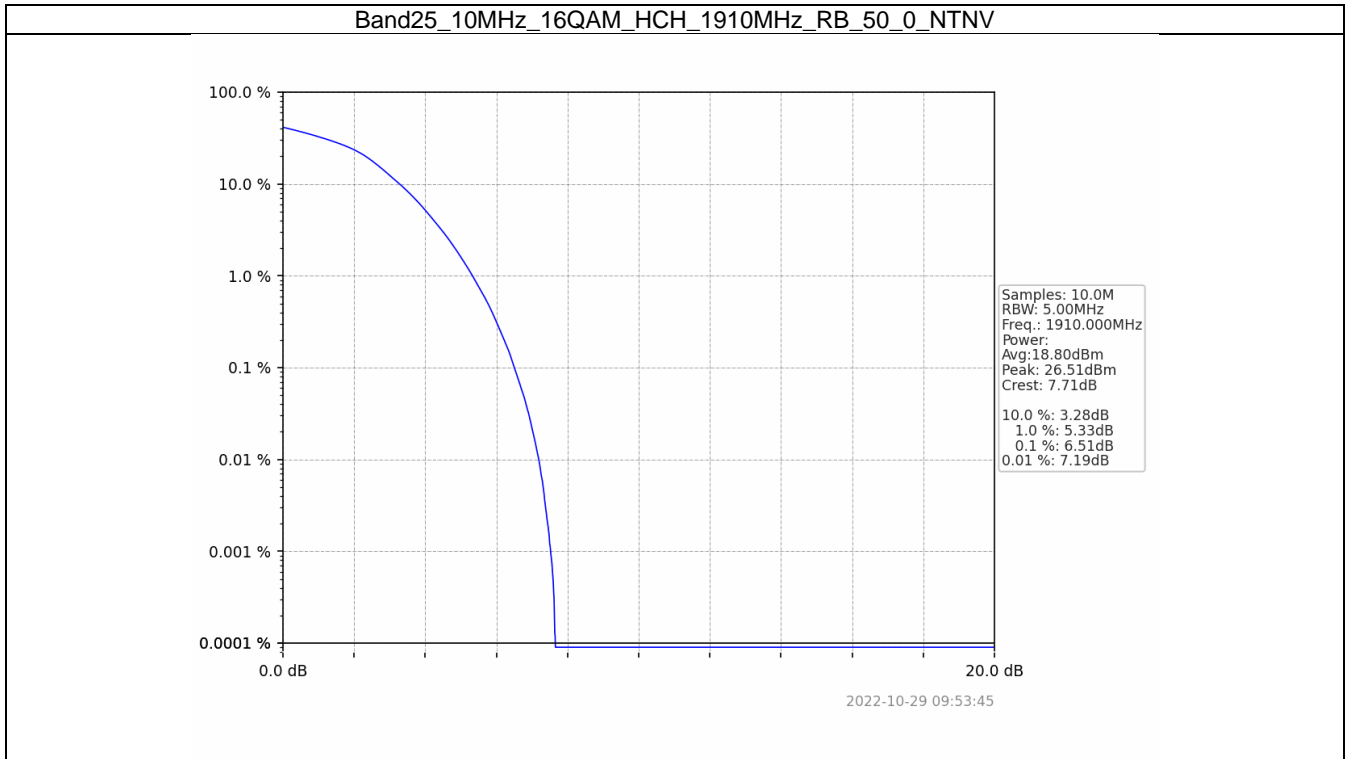
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV







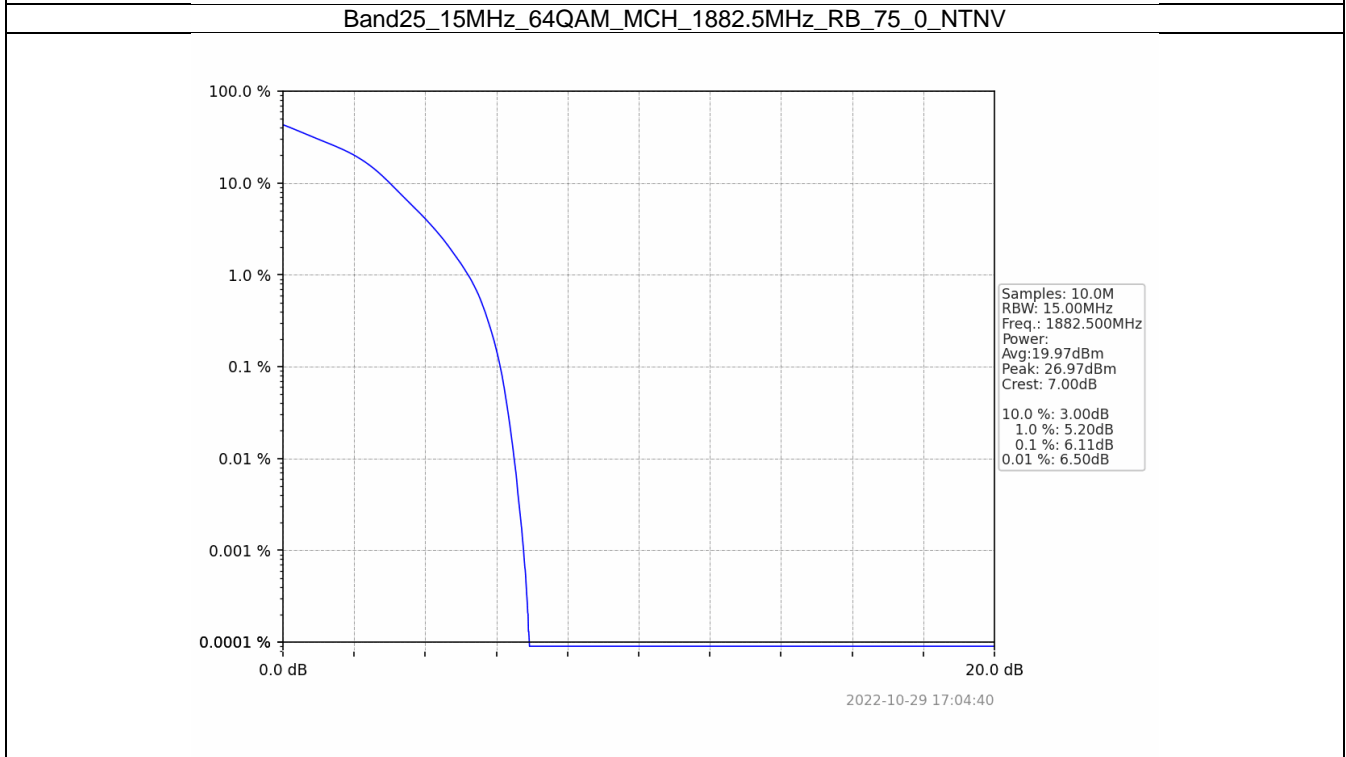
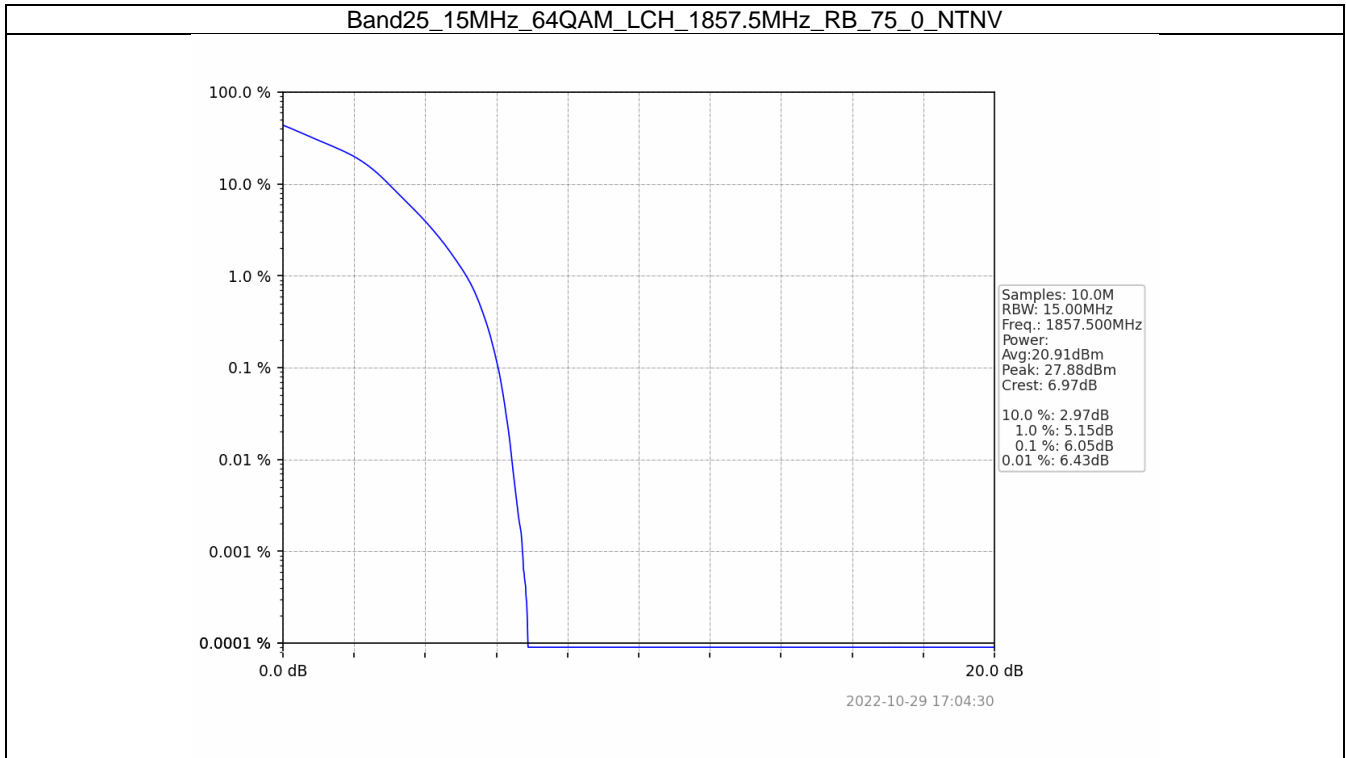


## 5.5 B25\_15MHz

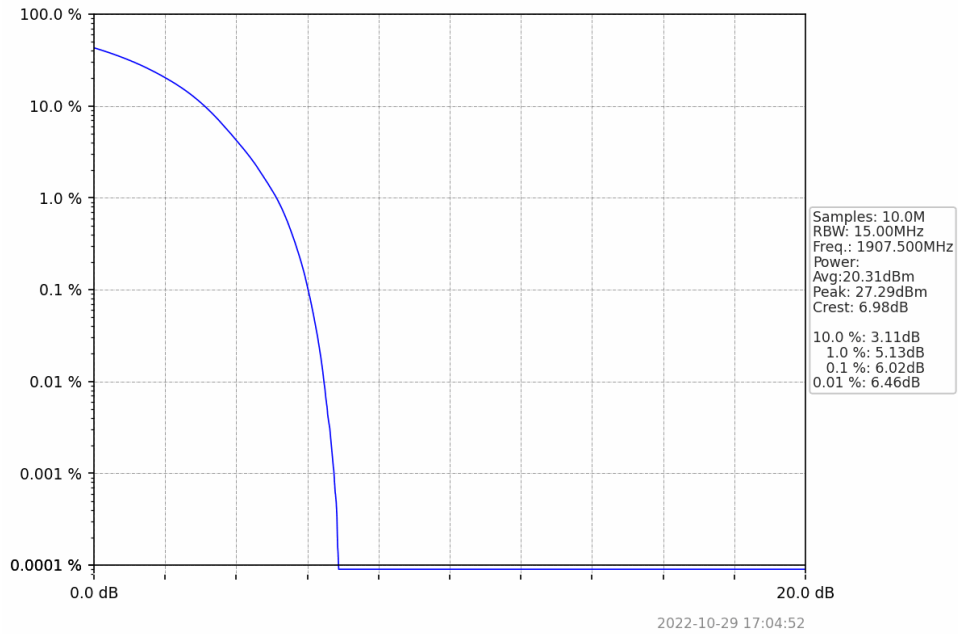
### 5.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	1857.5	75	0	6.05	<=13	Pass
	1882.5	75	0	6.11	<=13	Pass
	1907.5	75	0	6.02	<=13	Pass
QPSK	1857.5	75	0	5.33	<=13	Pass
	1882.5	75	0	5.49	<=13	Pass
	1907.5	75	0	5.38	<=13	Pass
16QAM	1857.5	75	0	6.06	<=13	Pass
	1882.5	75	0	6.24	<=13	Pass
	1907.5	75	0	6.23	<=13	Pass

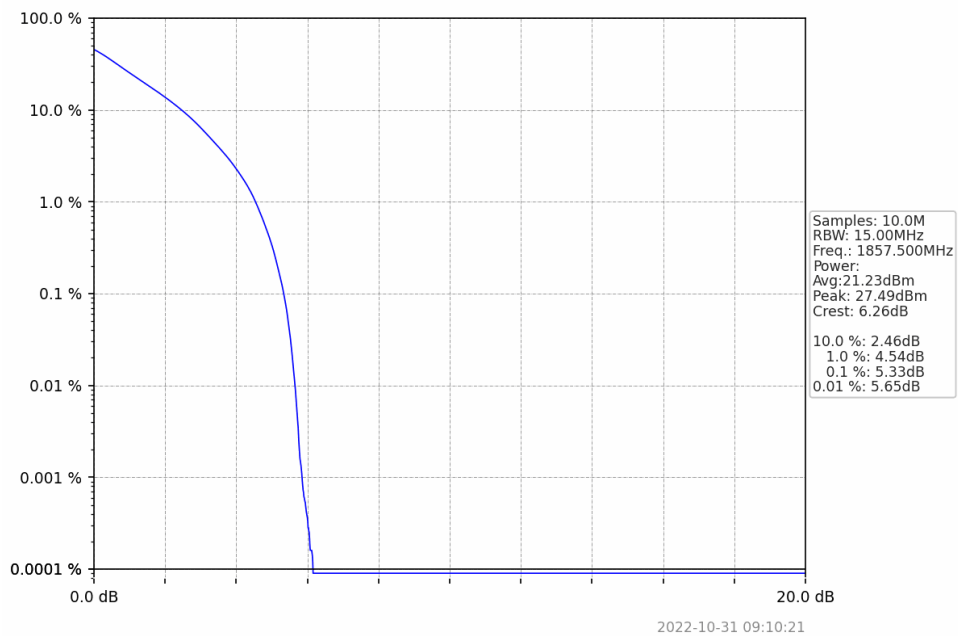
5.5.2 Test Graph



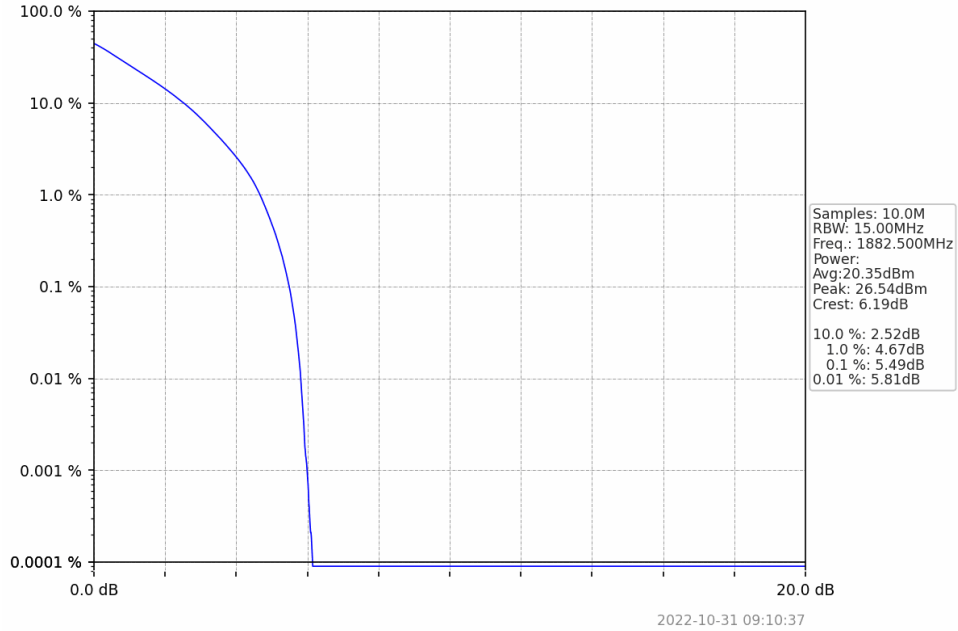
Band25\_15MHz\_64QAM\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



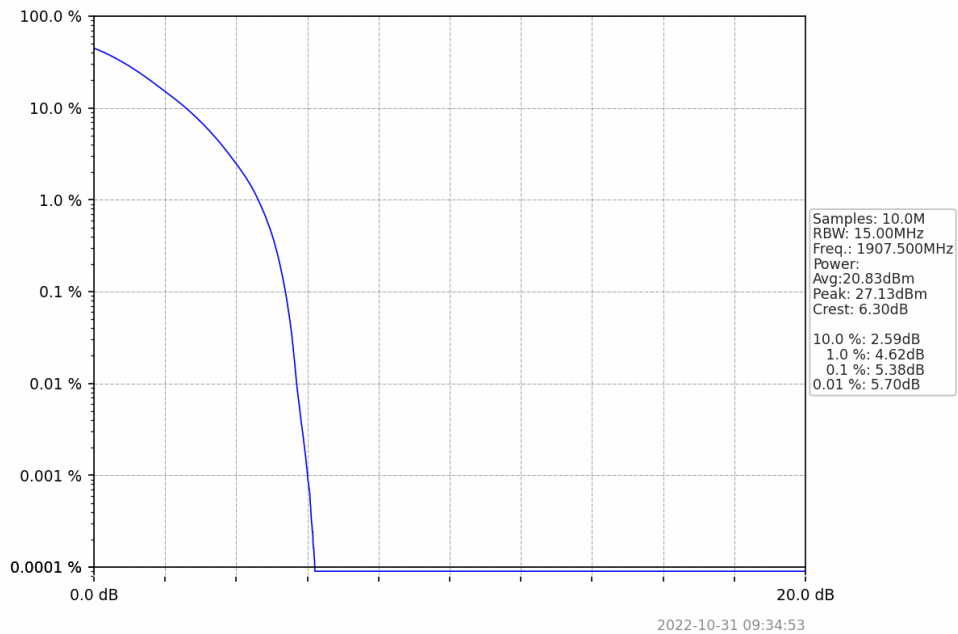
Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



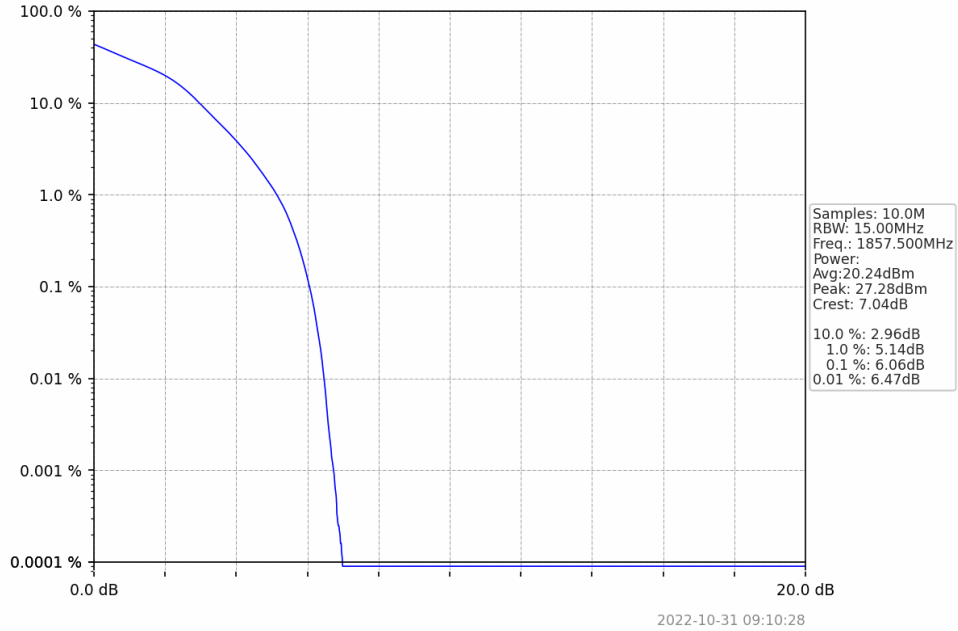
Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



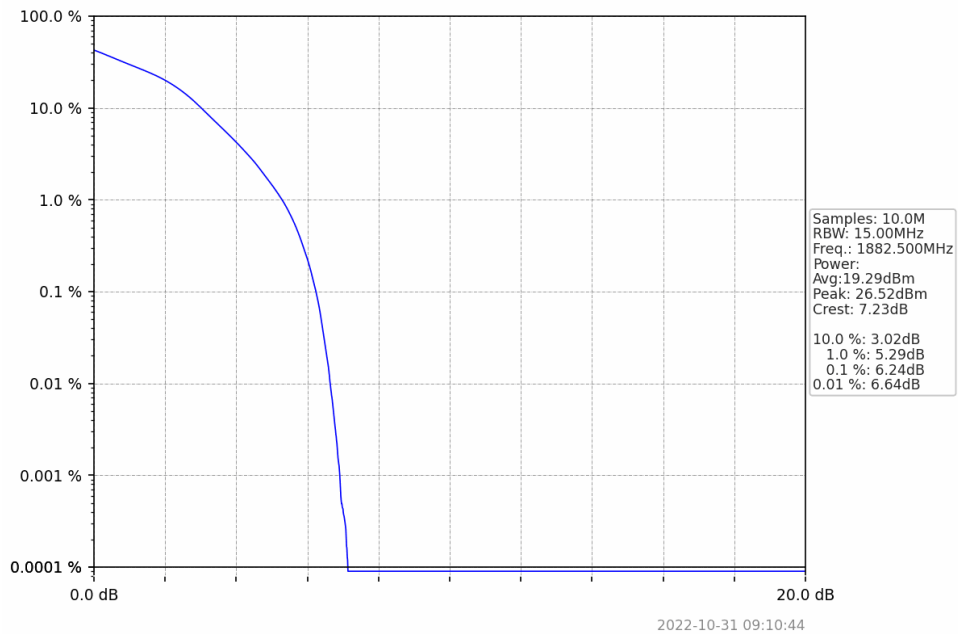
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

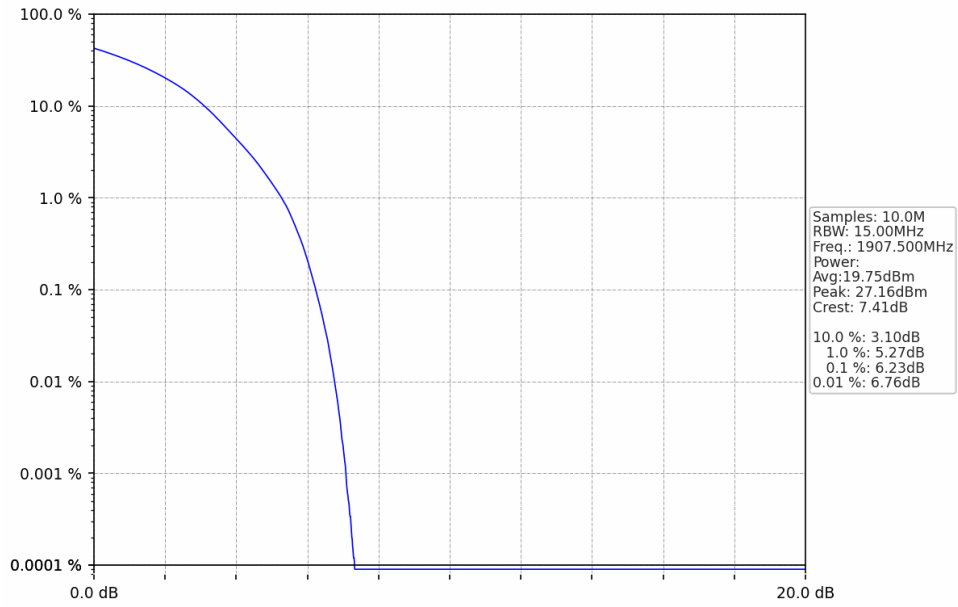


Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV





Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



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5.6 B25\_20MHz

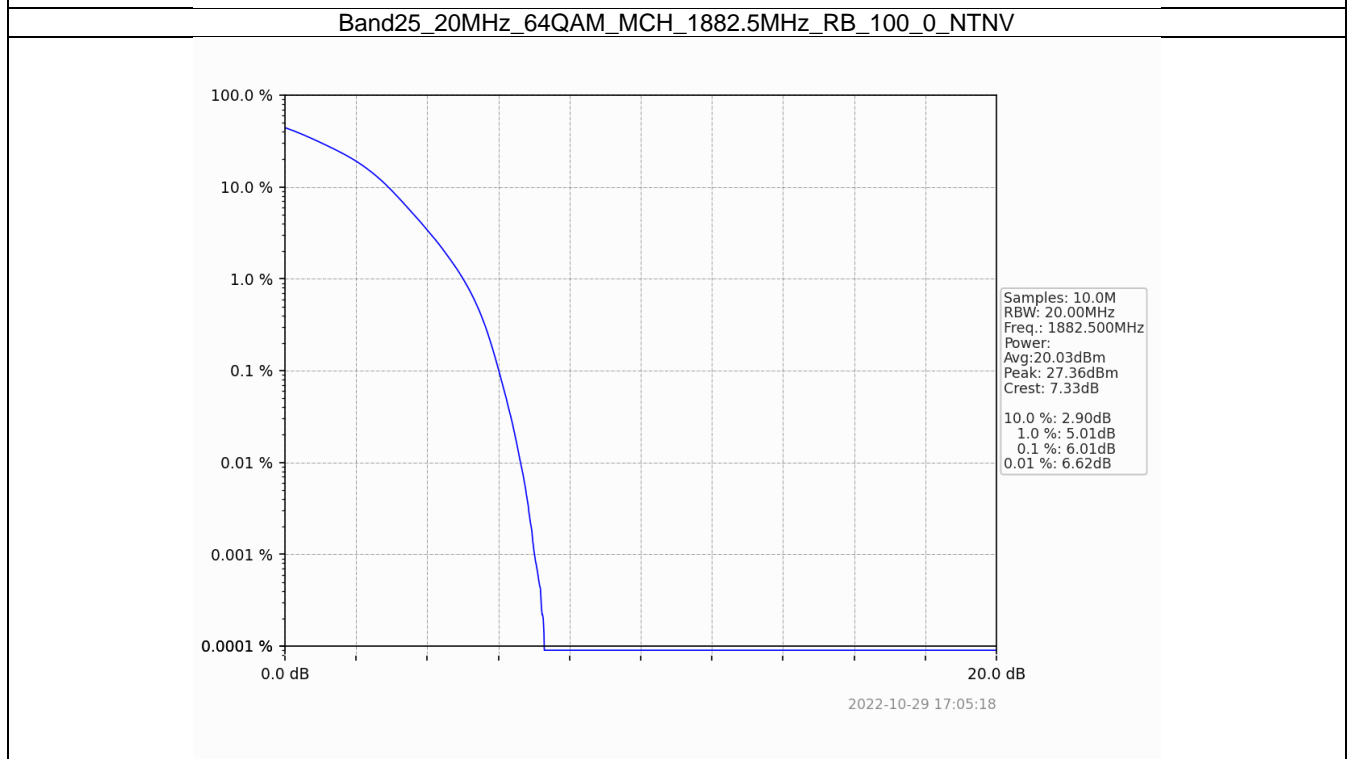
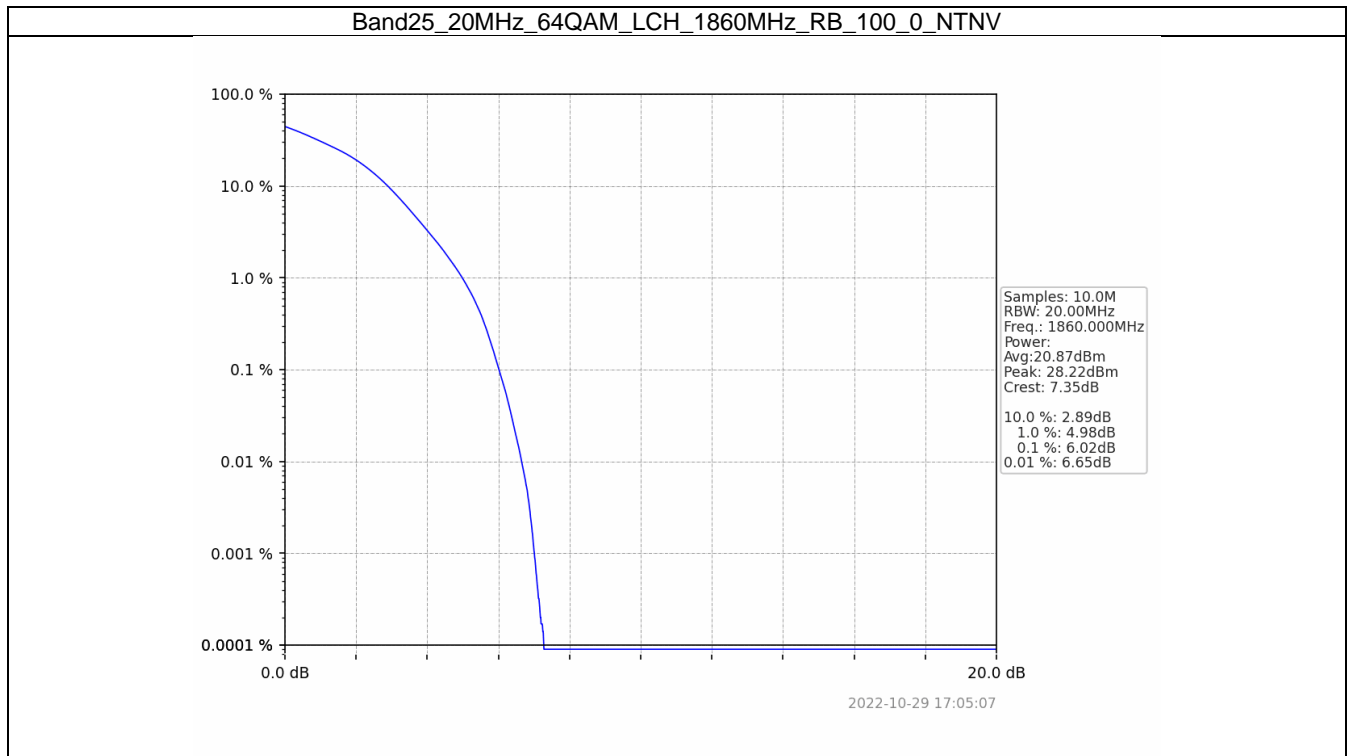
5.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	1860	100	0	6.02	<=13	Pass
	1882.5	100	0	6.01	<=13	Pass
	1905	100	0	6.17	<=13	Pass
QPSK	1860	100	0	5.18	<=13	Pass
	1882.5	100	0	5.31	<=13	Pass
	1905	100	0	5.52	<=13	Pass
16QAM	1860	100	0	6.04	<=13	Pass
	1882.5	100	0	6.14	<=13	Pass
	1905	100	0	6.32	<=13	Pass



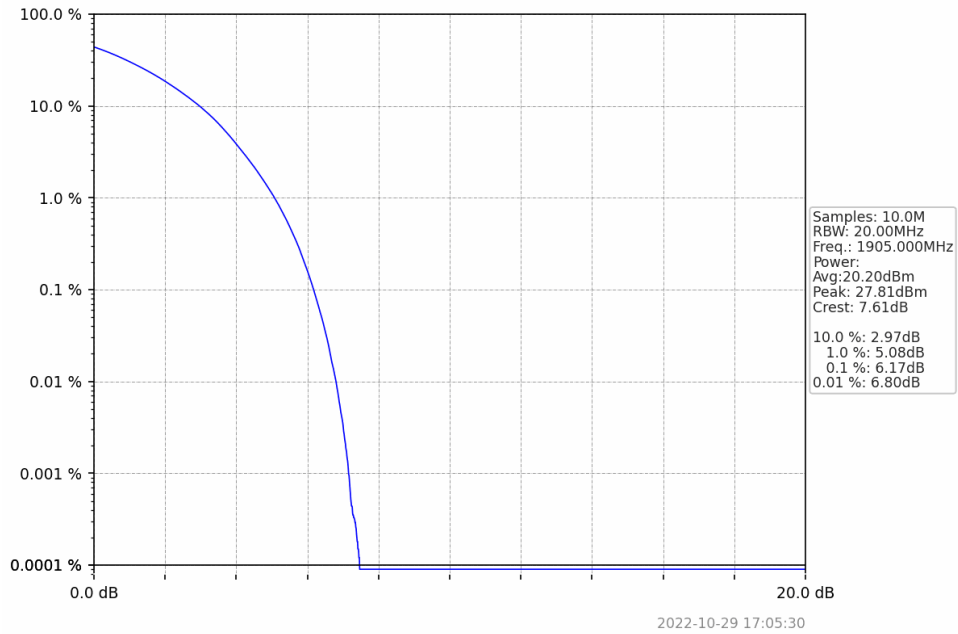


### 5.6.2 Test Graph

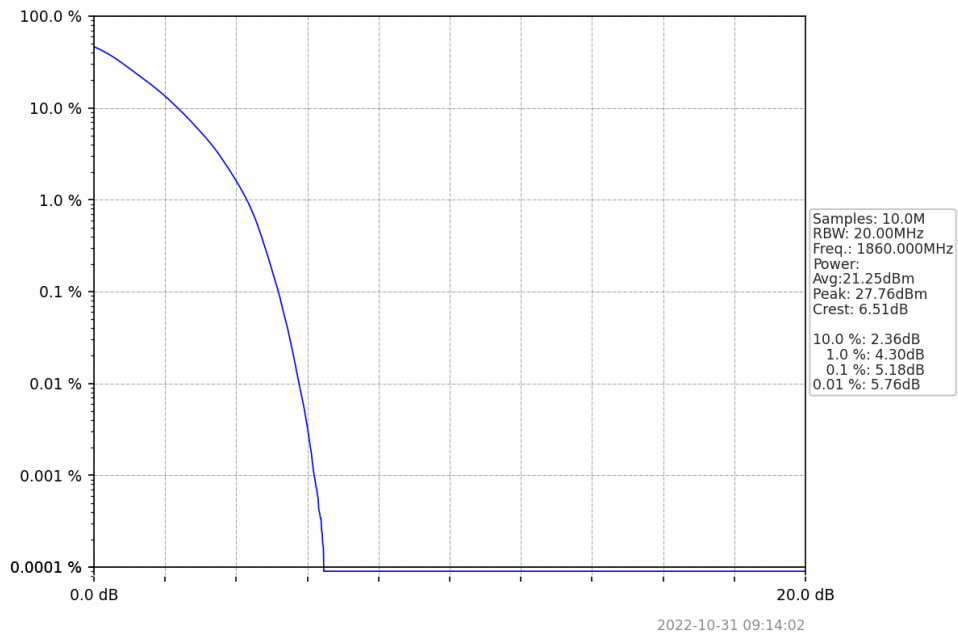




Band25\_20MHz\_64QAM\_HCH\_1905MHz\_RB\_100\_0\_NTNV

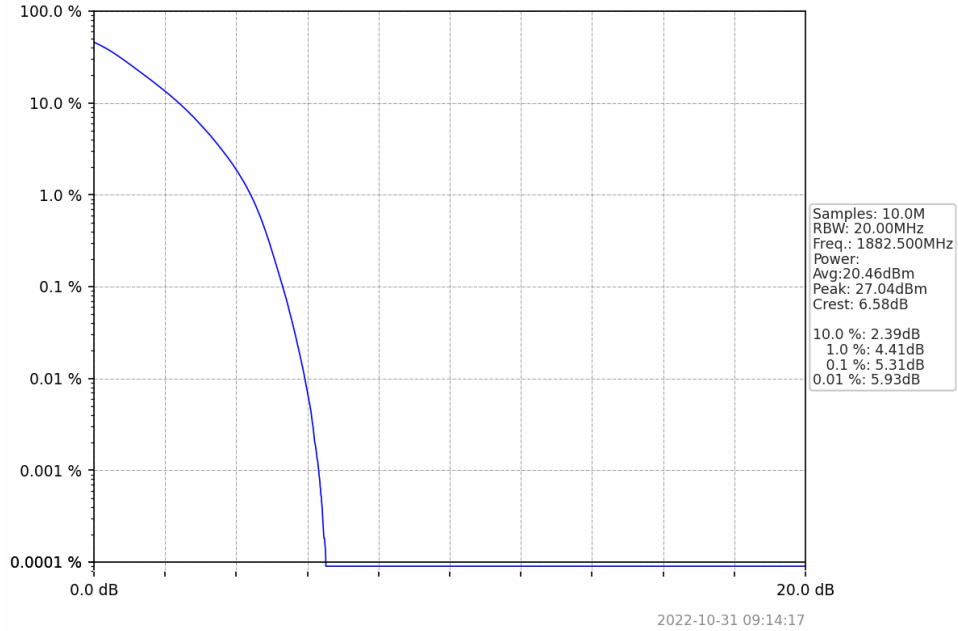


Band25\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV

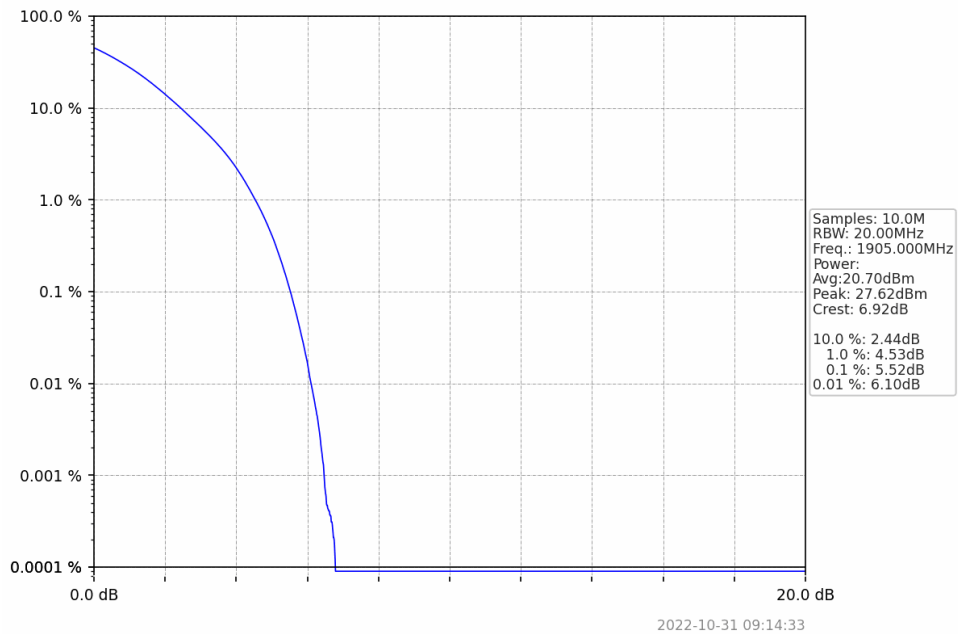




Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV

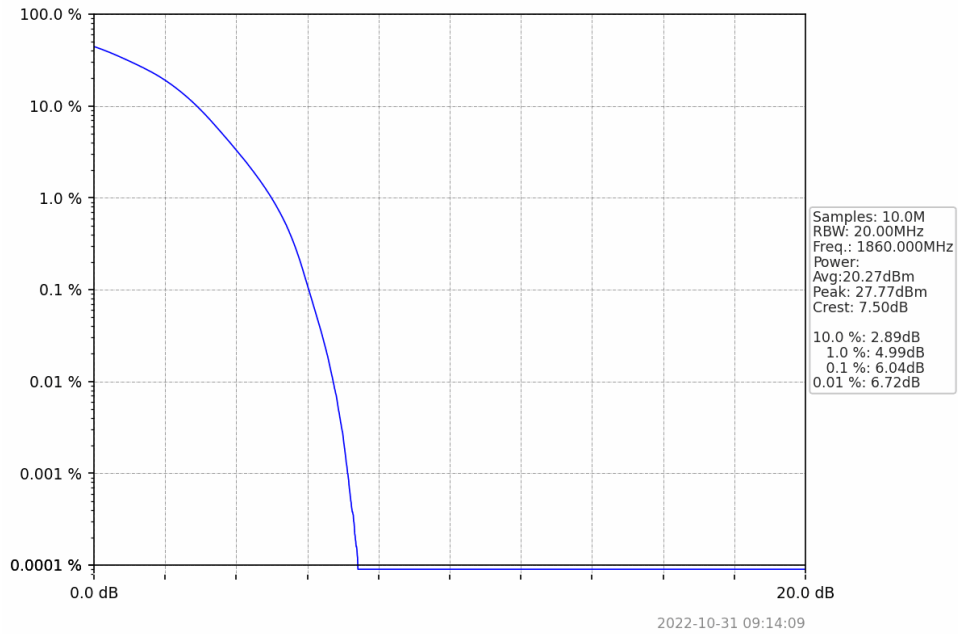


Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV

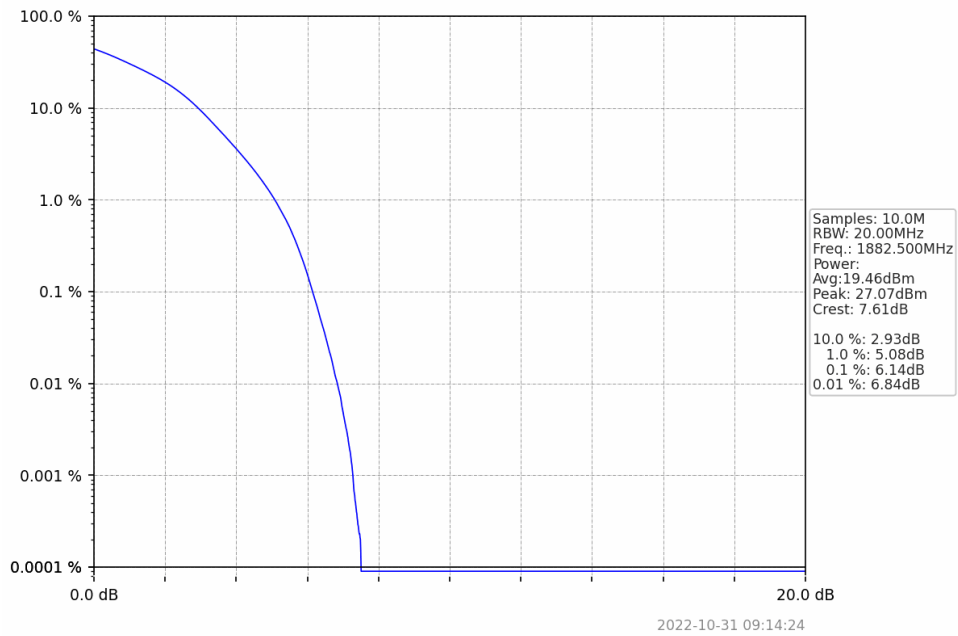




Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV

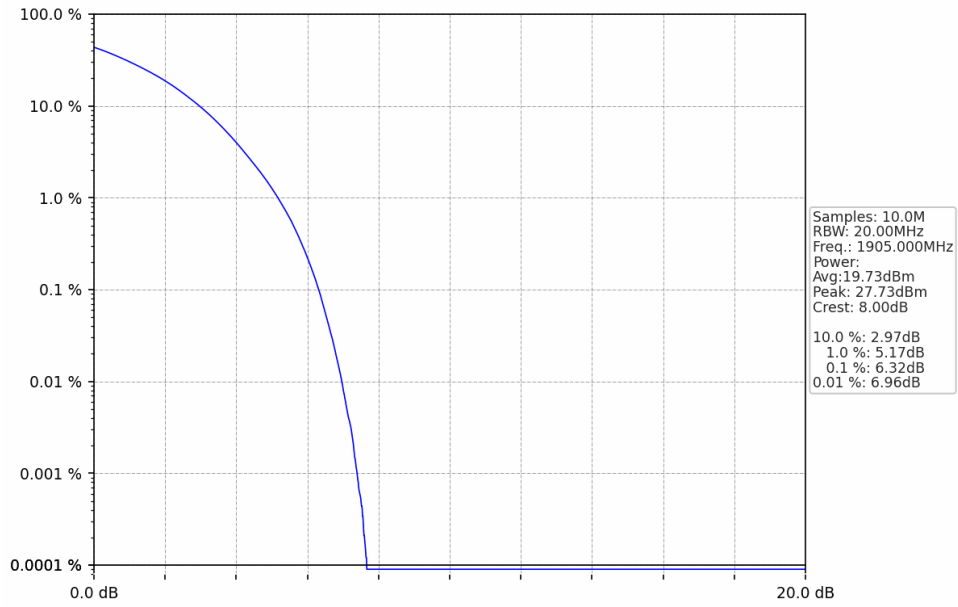


Band25\_20MHz\_16QAM\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV





Band25\_20MHz\_16QAM\_HCH\_1905MHz\_RB\_100\_0\_NTNV



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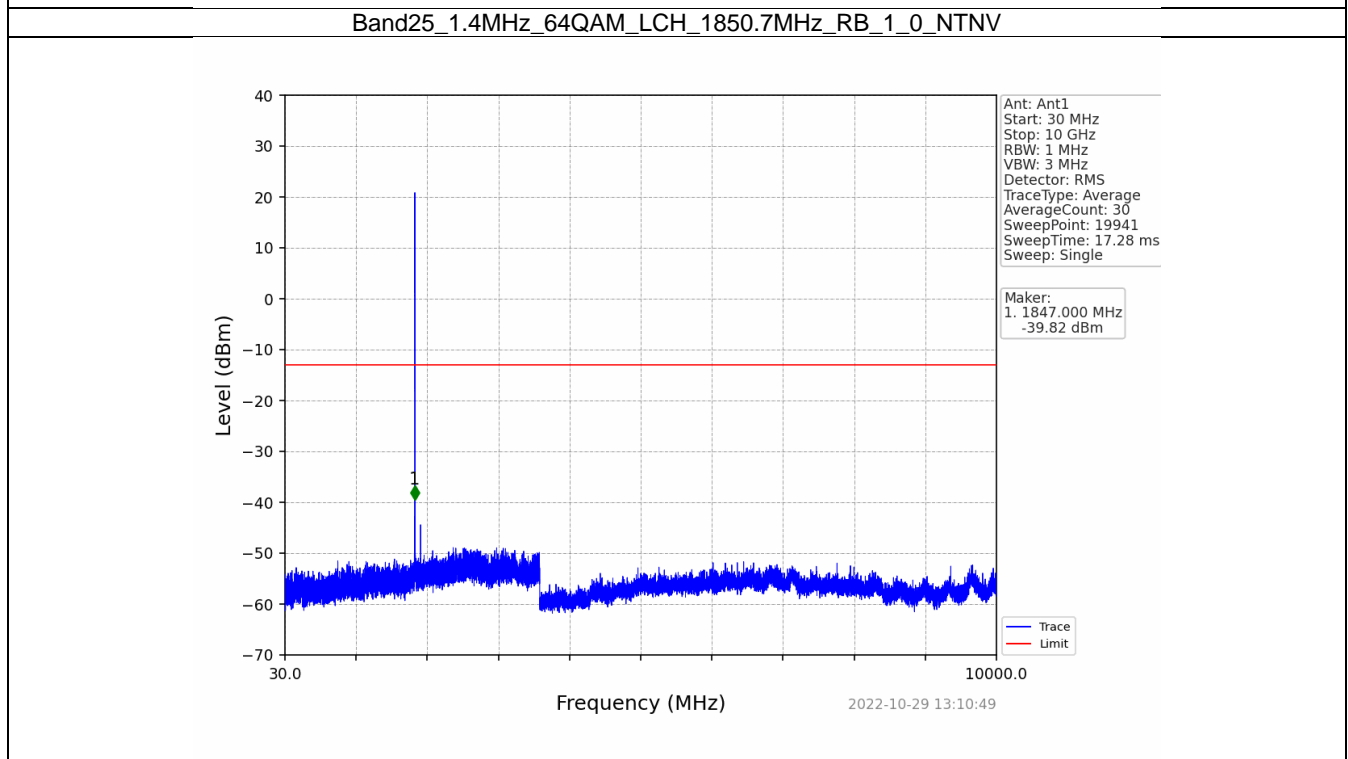
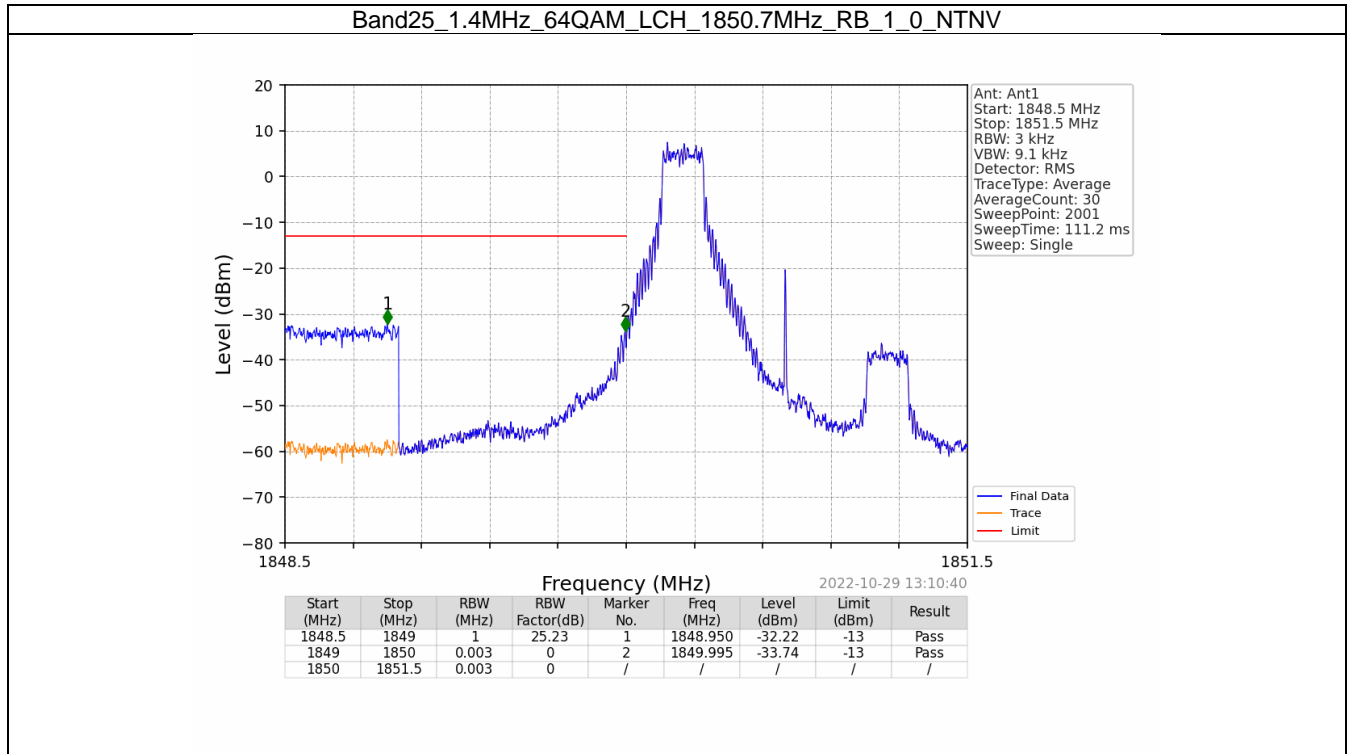
## 6. Spurious Emission

### 6.1 B25\_1.4MHz

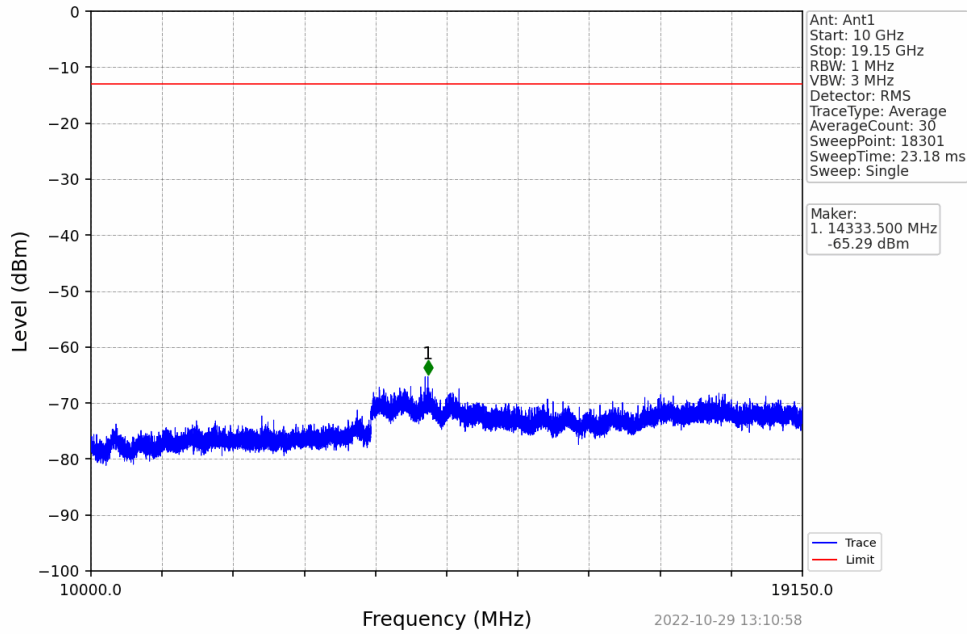
#### 6.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
64QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1914.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
QPSK	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1914.3	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
	1882.5	1	0	Refer To Test Graph		Pass
	1914.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

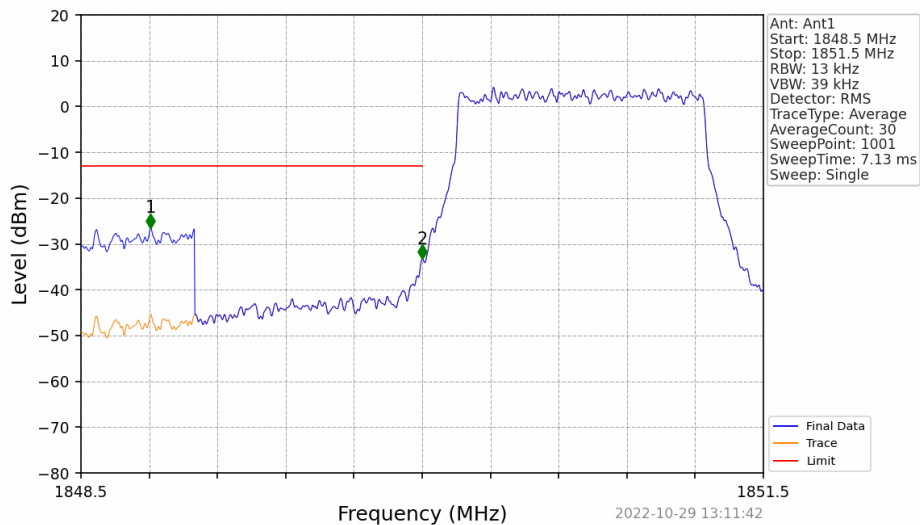
6.1.2 Test Graph



Band25\_1.4MHz\_64QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



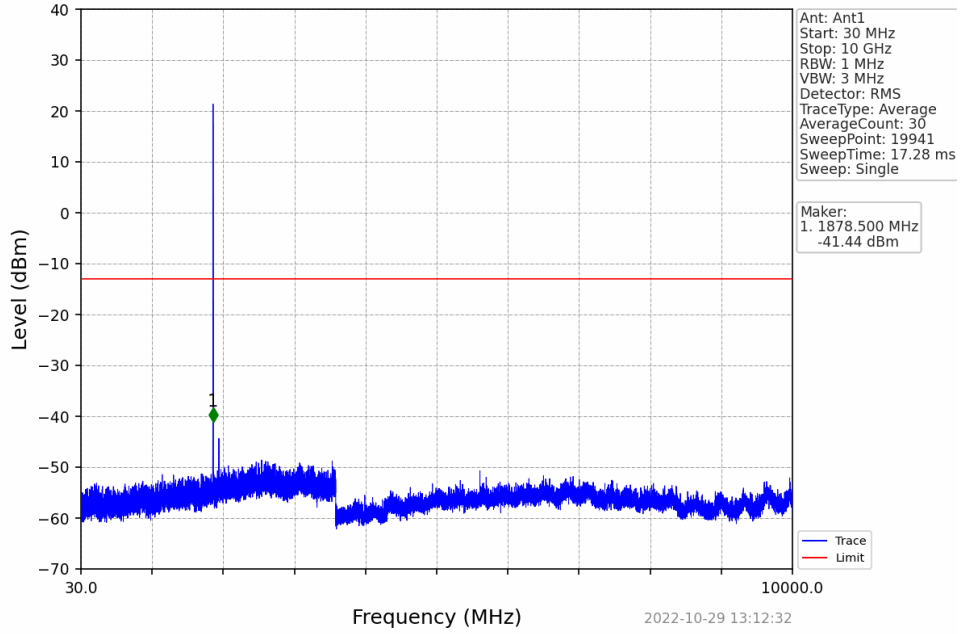
Band25\_1.4MHz\_64QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



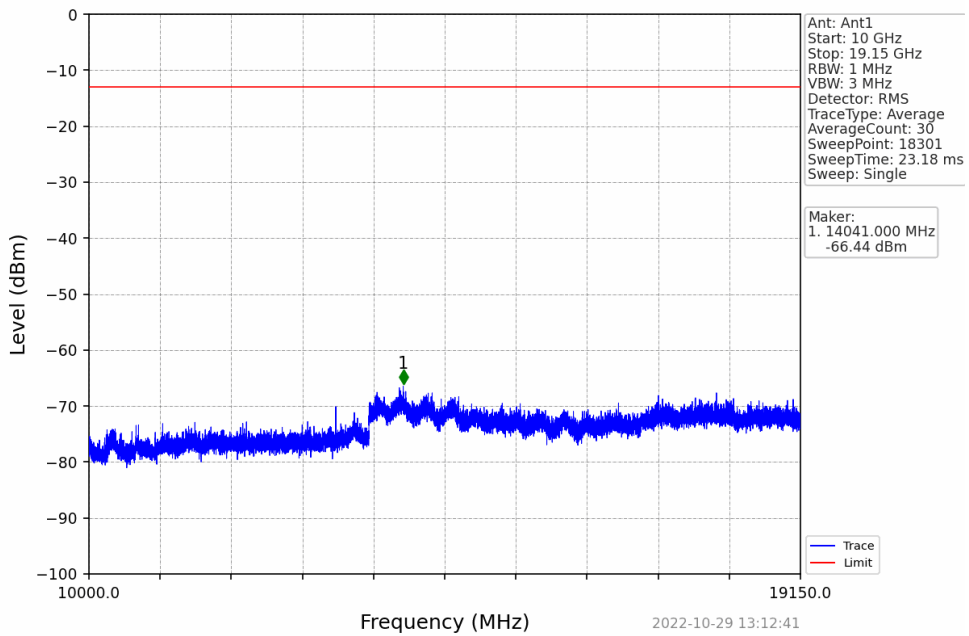
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	18.86	1	1848.806	-26.47	-13	Pass
1849	1850	0.013	0	2	1850.000	-33.24	-13	Pass
1850	1851.5	0.013	0	/	/	/	/	/



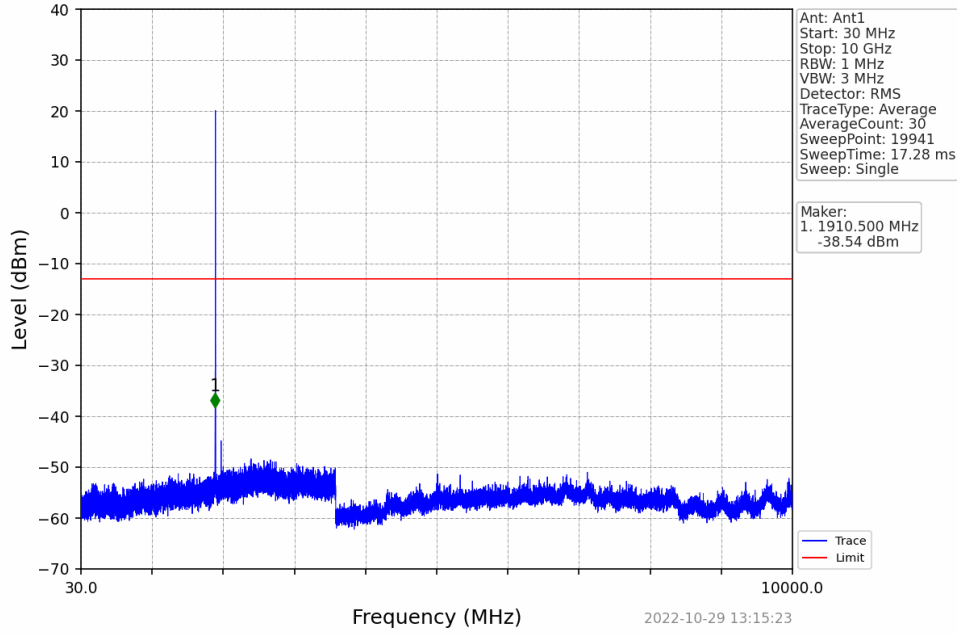
Band25\_1.4MHz\_64QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



Band25\_1.4MHz\_64QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



Band25\_1.4MHz\_64QAM\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV



Band25\_1.4MHz\_64QAM\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV

