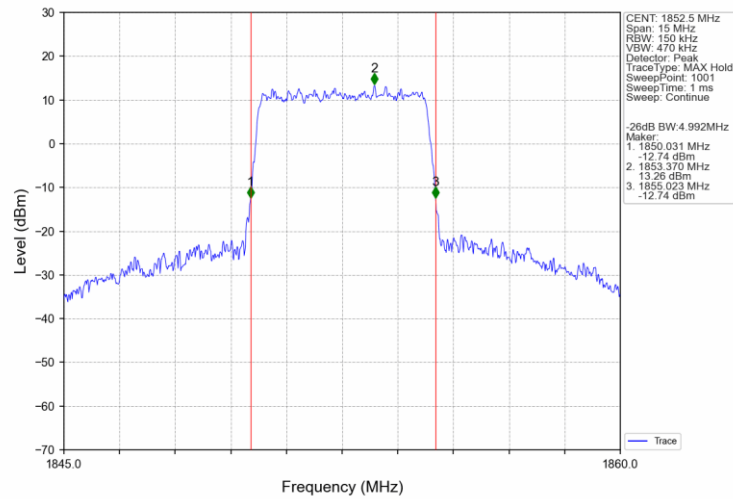
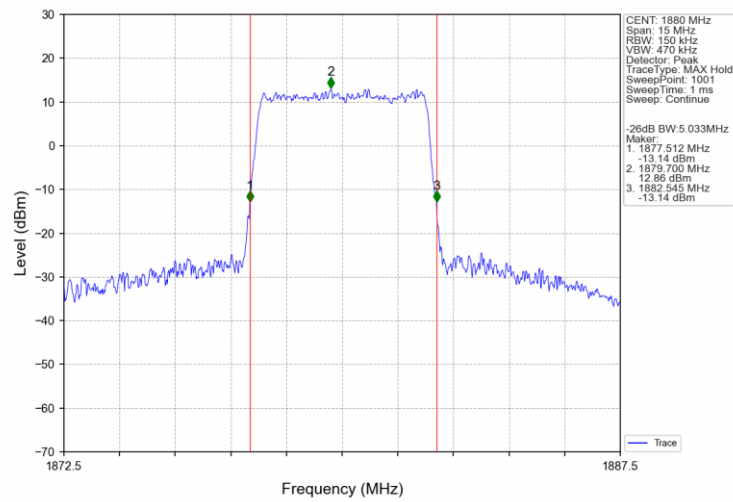


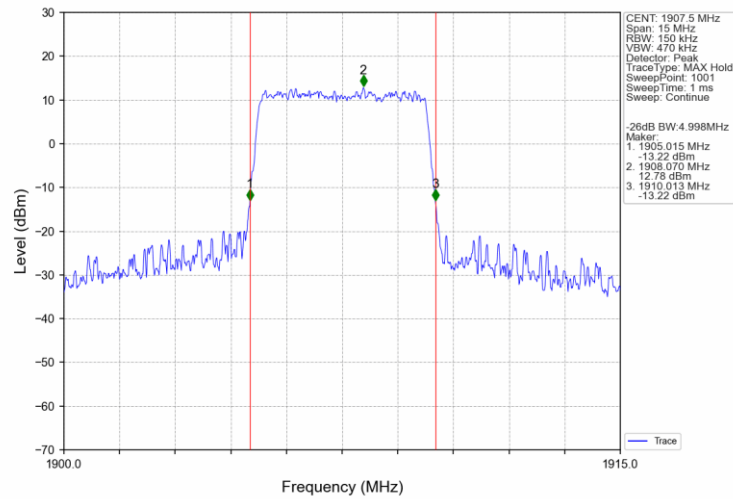
### Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



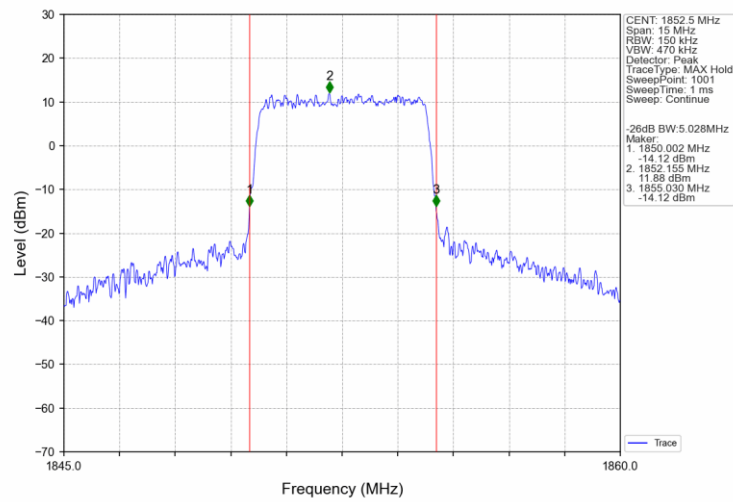
### Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



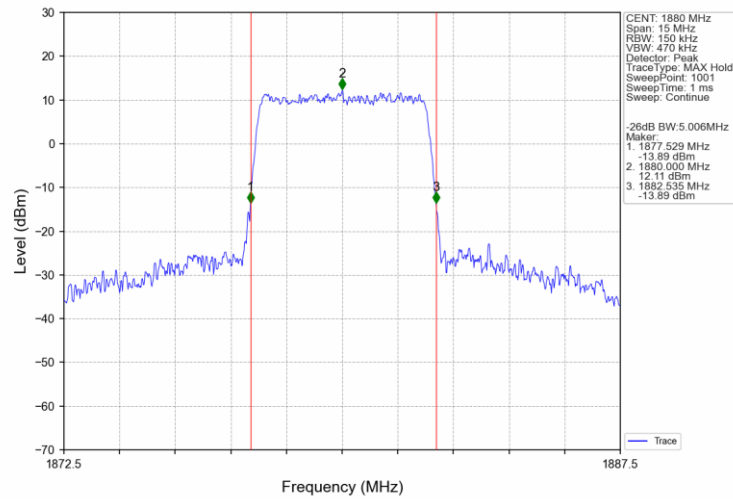
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



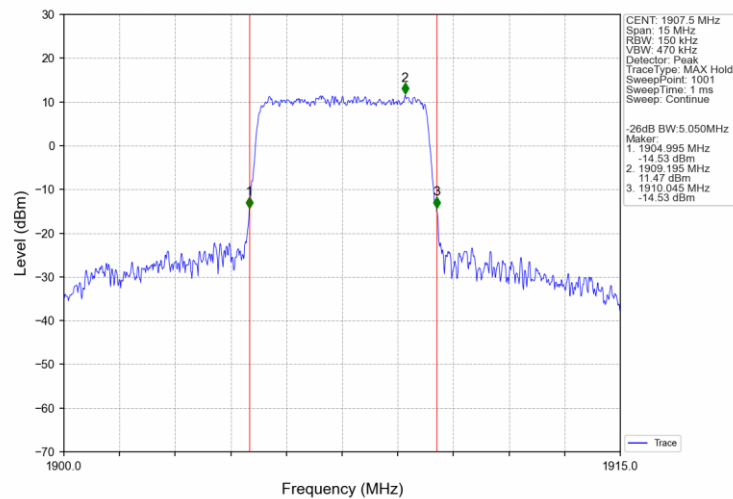
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



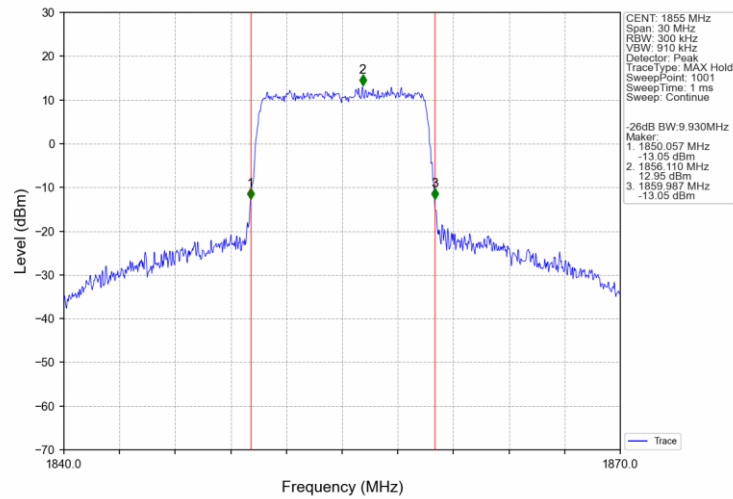
### Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



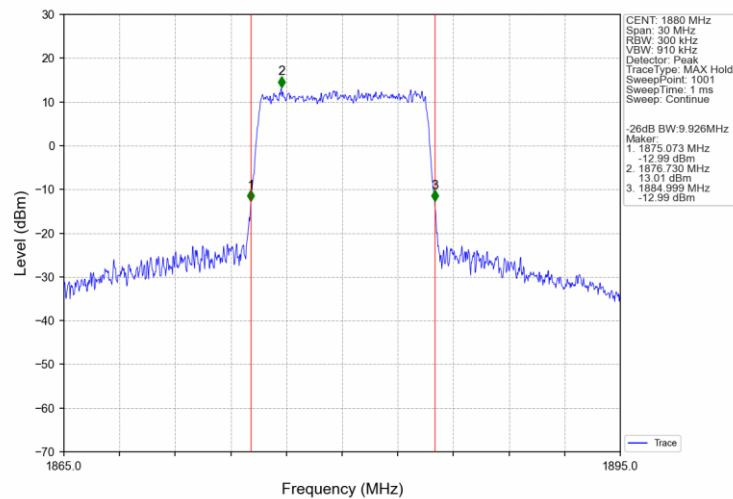
### Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



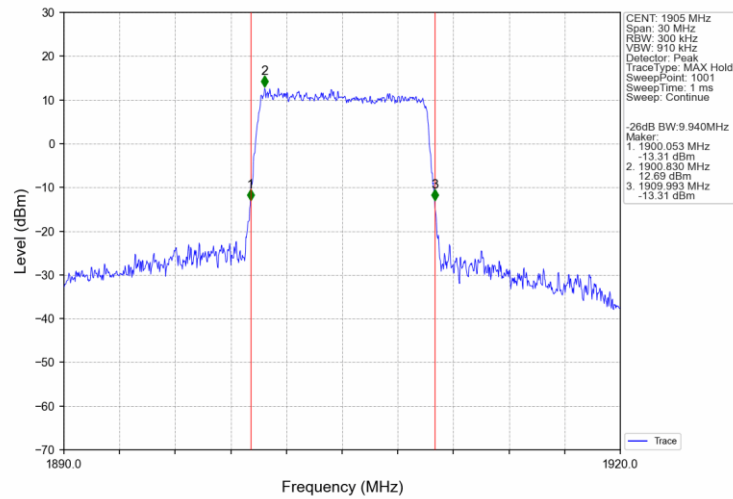
### Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



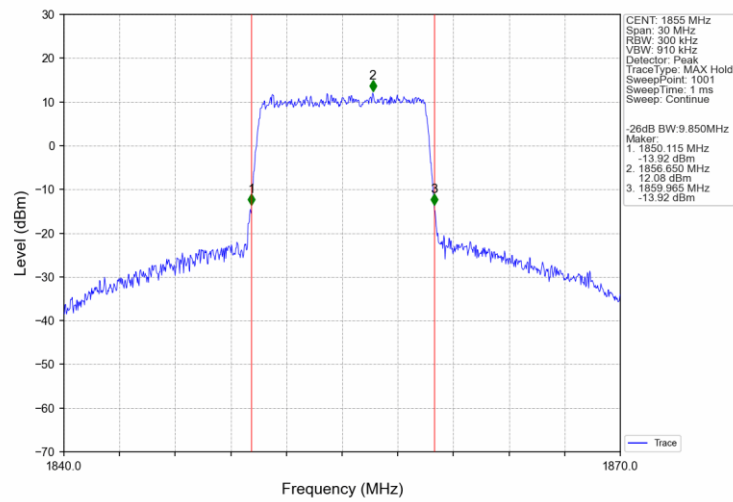
### Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



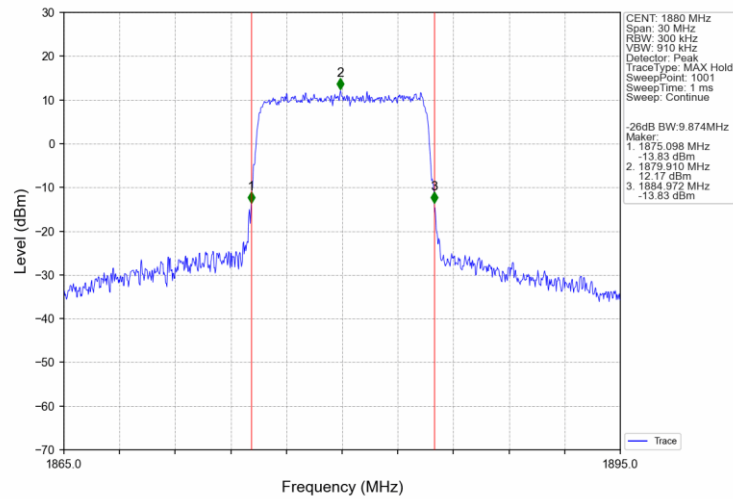
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



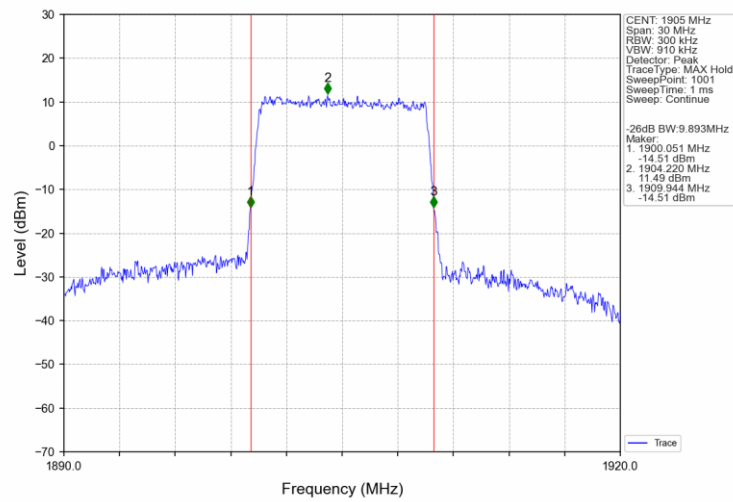
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



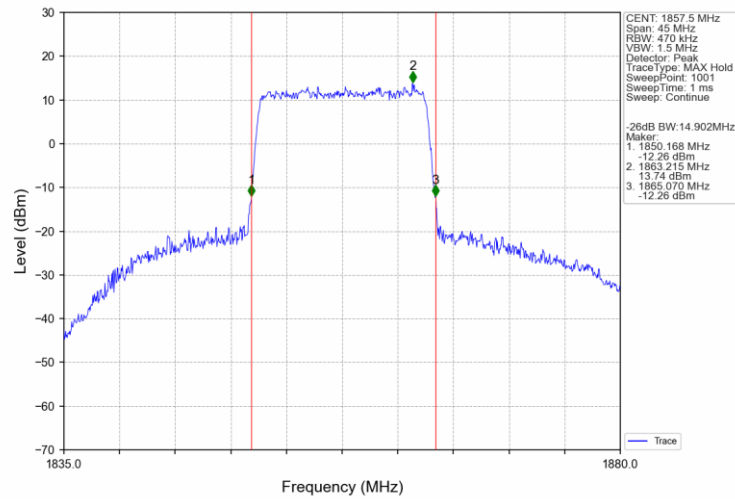
### Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



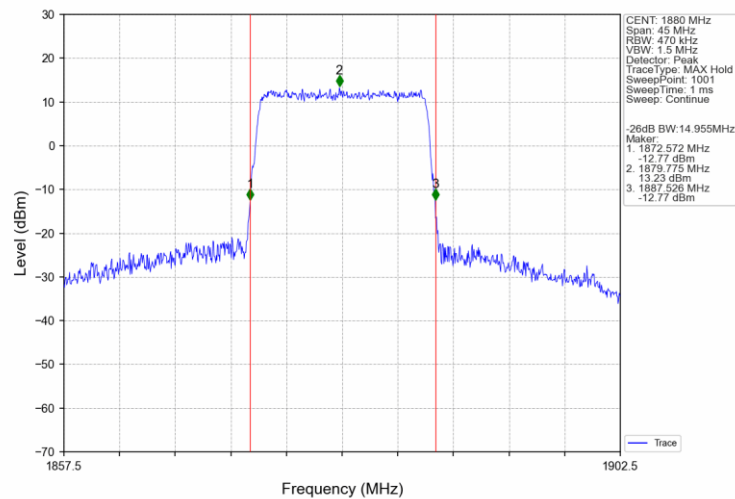
### Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



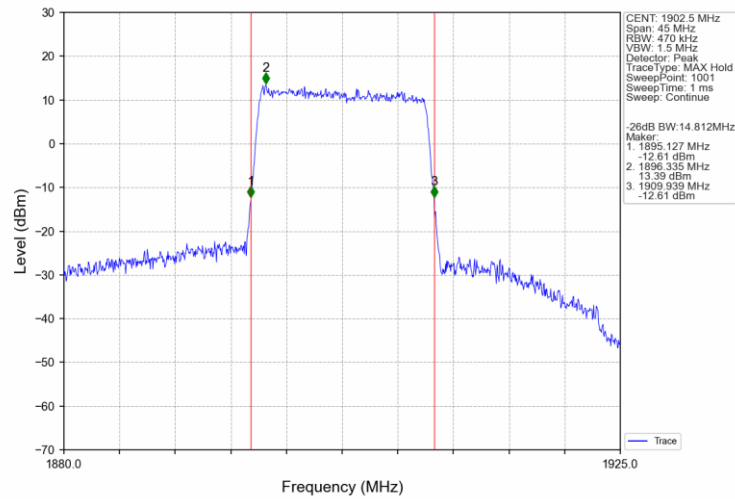
Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



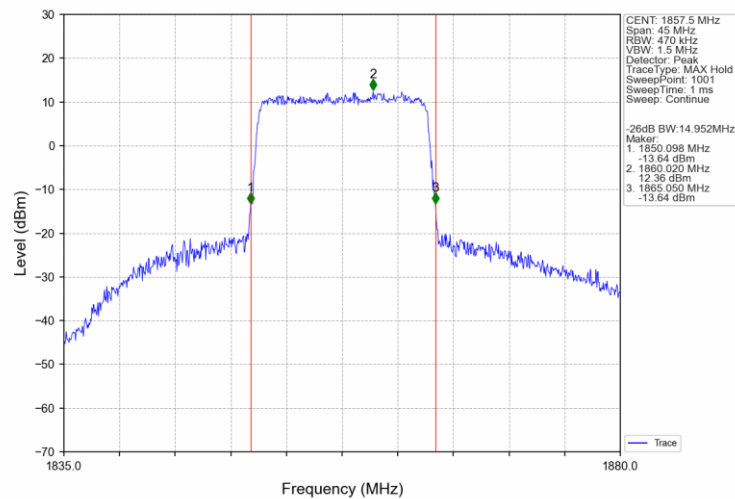
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



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

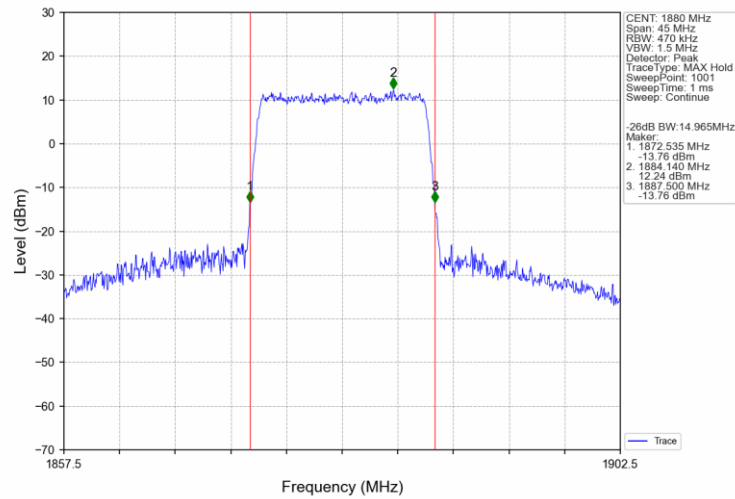


### Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

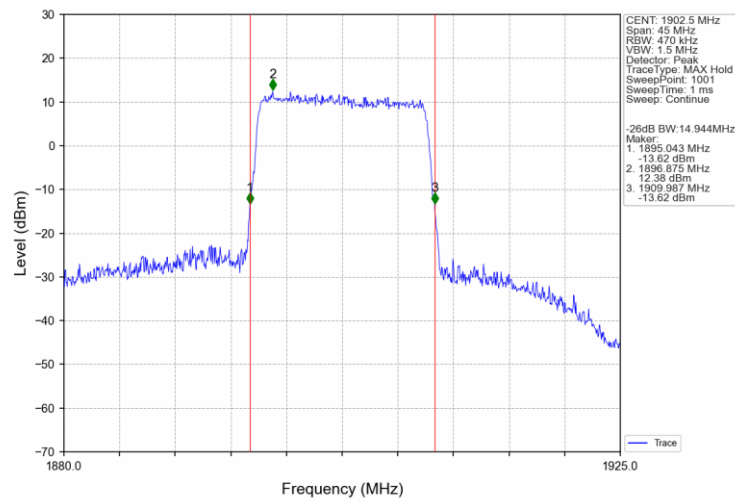




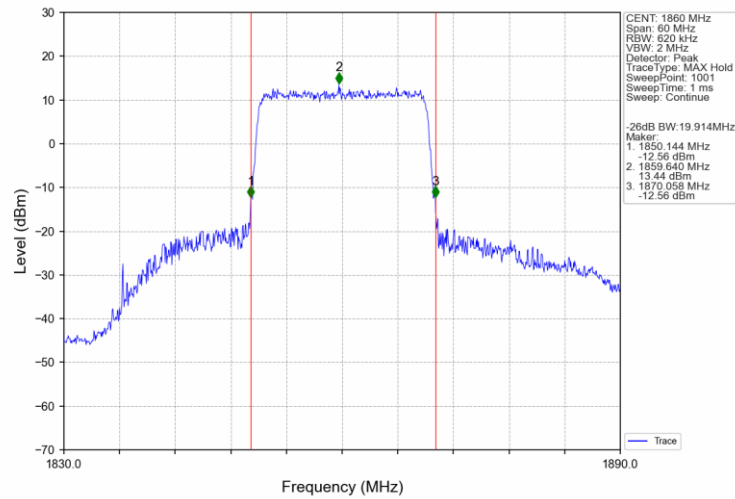
### Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



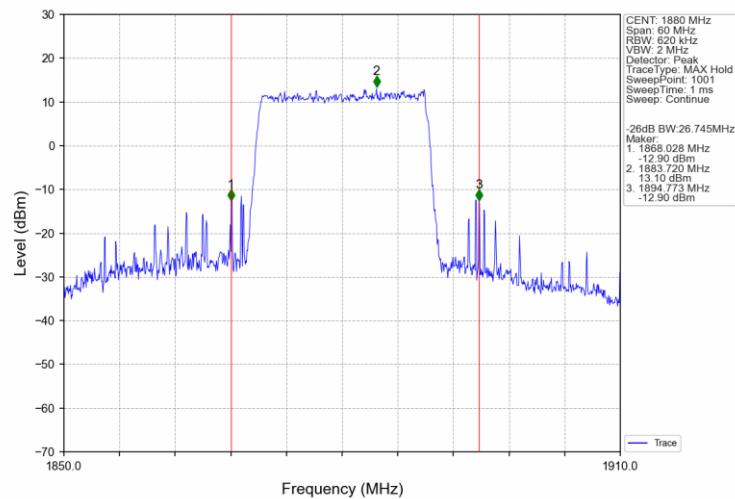
### Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



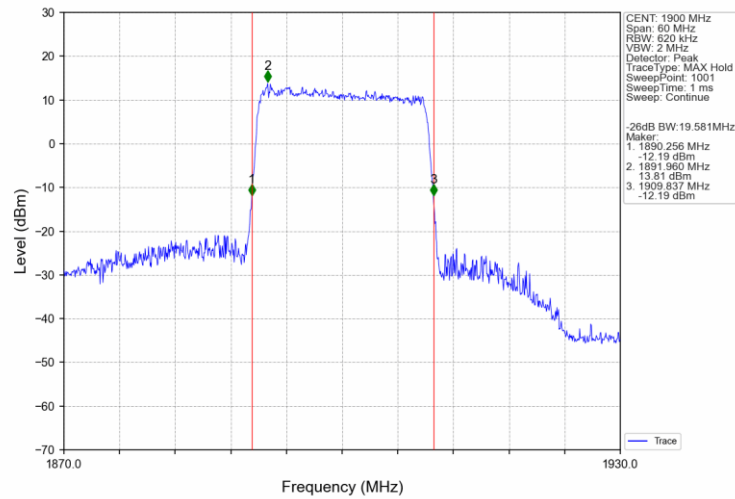
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



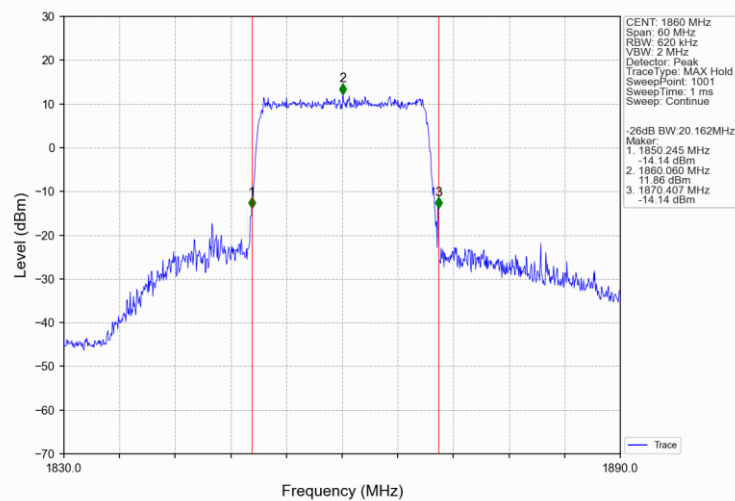
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV



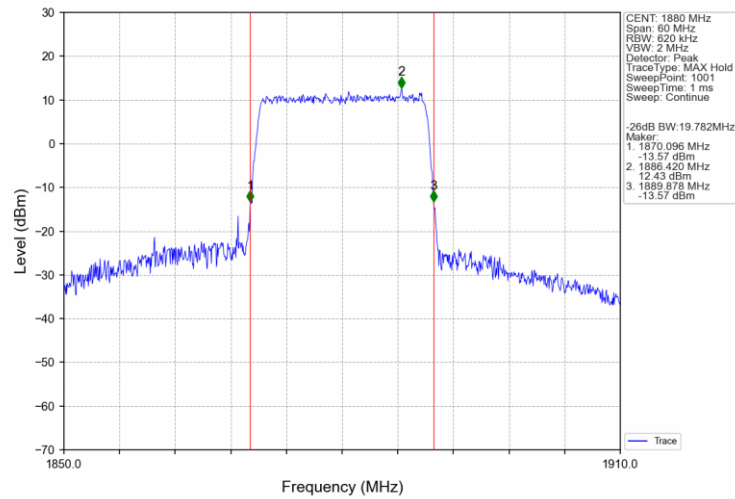
### Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



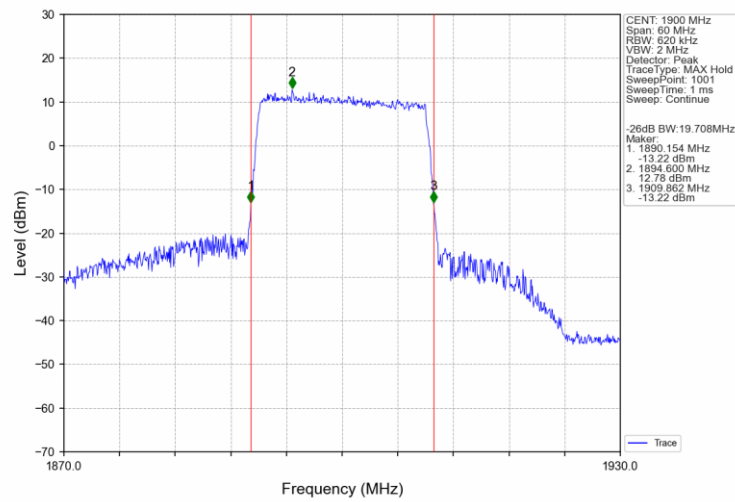
### Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



### Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



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



## 5. Peak-Average Ratio

### 5.1 Test Result

#### 5.1.1 B2\_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	4.78	<=13	Pass
	1880	6	0	5.15	<=13	Pass
	1909.3	6	0	5.45	<=13	Pass
16QAM	1850.7	6	0	5.61	<=13	Pass
	1880	6	0	6.01	<=13	Pass
	1909.3	6	0	6.25	<=13	Pass

#### 5.1.2 B2\_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	4.98	<=13	Pass
	1880	15	0	5.34	<=13	Pass
	1908.5	15	0	5.48	<=13	Pass
16QAM	1851.5	15	0	5.78	<=13	Pass
	1880	15	0	6.14	<=13	Pass
	1908.5	15	0	6.32	<=13	Pass

#### 5.1.3 B2\_5MHz

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.26	<=13	Pass
	1880	25	0	5.51	<=13	Pass
	1907.5	25	0	5.64	<=13	Pass
16QAM	1852.5	25	0	5.91	<=13	Pass
	1880	25	0	6.22	<=13	Pass
	1907.5	25	0	6.44	<=13	Pass

#### 5.1.4 B2\_10MHz

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.19	<=13	Pass
	1880	50	0	5.47	<=13	Pass
	1905	50	0	5.69	<=13	Pass
16QAM	1855	50	0	5.90	<=13	Pass
	1880	50	0	6.22	<=13	Pass
	1905	50	0	6.44	<=13	Pass

### 5.1.5 B2\_15MHz

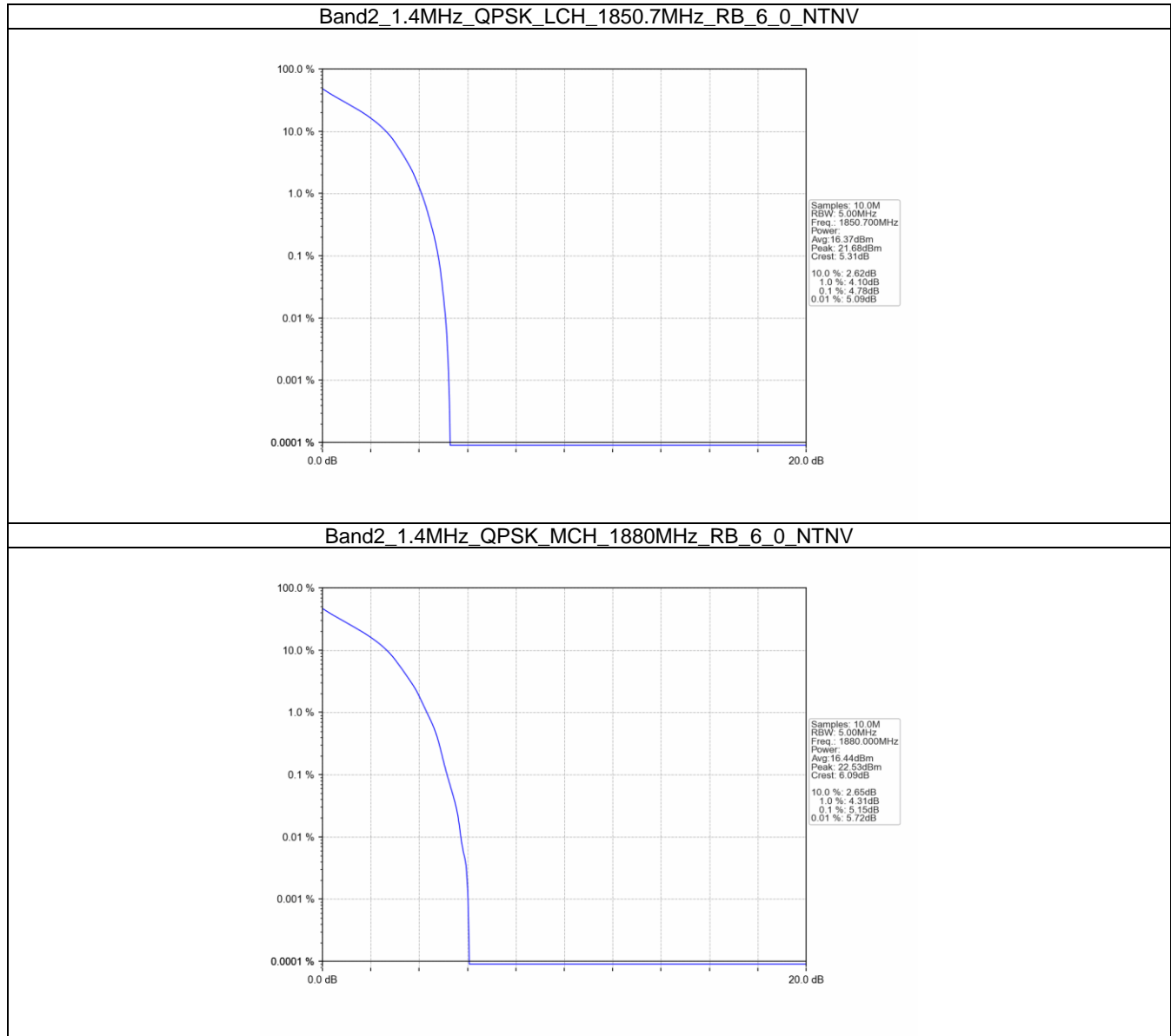
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.07	<=13	Pass
	1880	75	0	5.17	<=13	Pass
	1902.5	75	0	5.25	<=13	Pass
16QAM	1857.5	75	0	6.01	<=13	Pass
	1880	75	0	6.19	<=13	Pass
	1902.5	75	0	6.26	<=13	Pass

### 5.1.6 B2\_20MHz

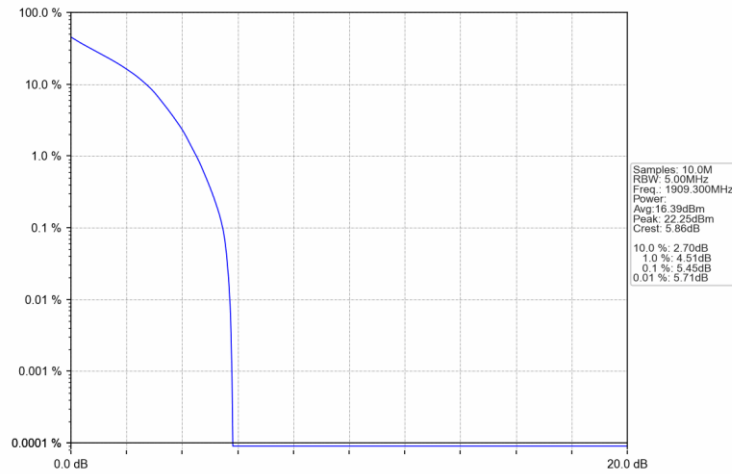
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.66	<=13	Pass
	1880	100	0	5.70	<=13	Pass
	1900	100	0	5.65	<=13	Pass
16QAM	1860	100	0	6.58	<=13	Pass
	1880	100	0	6.67	<=13	Pass
	1900	100	0	6.63	<=13	Pass

## 5.2 Test Graph

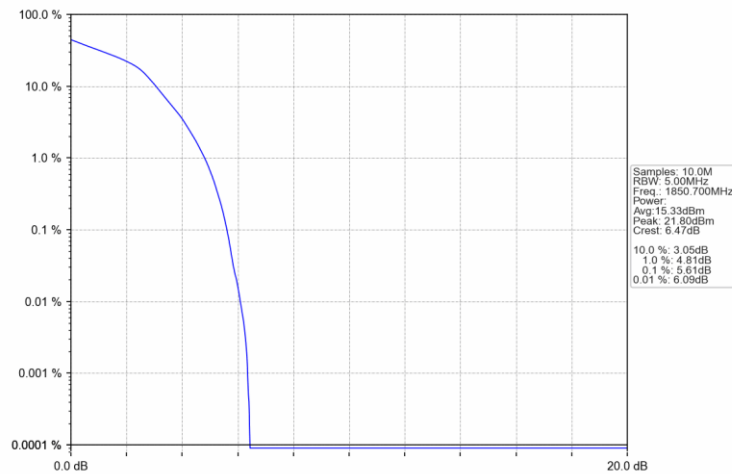
### 5.2.1 B2\_1.4MHz



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

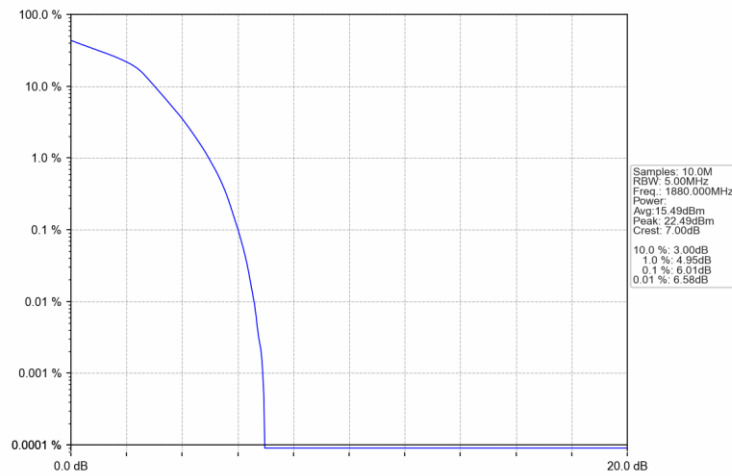


Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

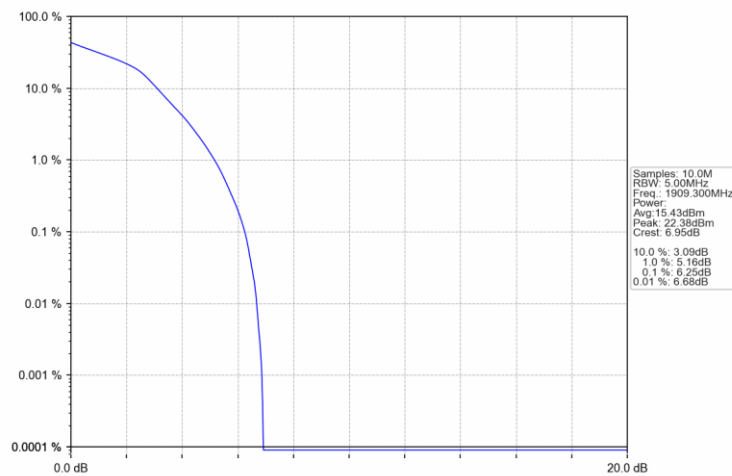




Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV

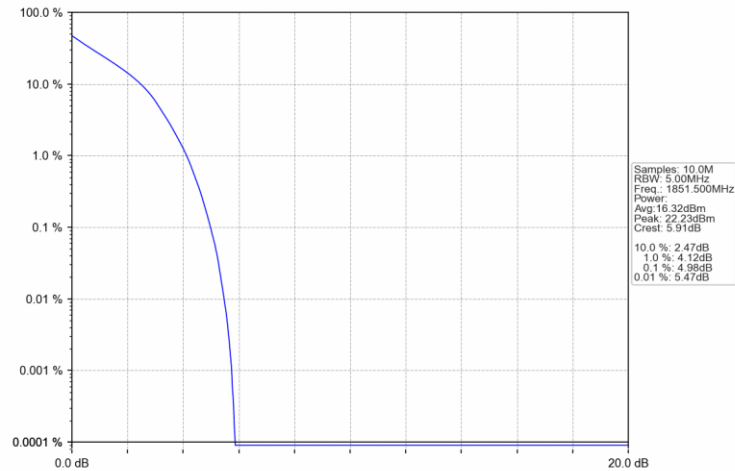


Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV

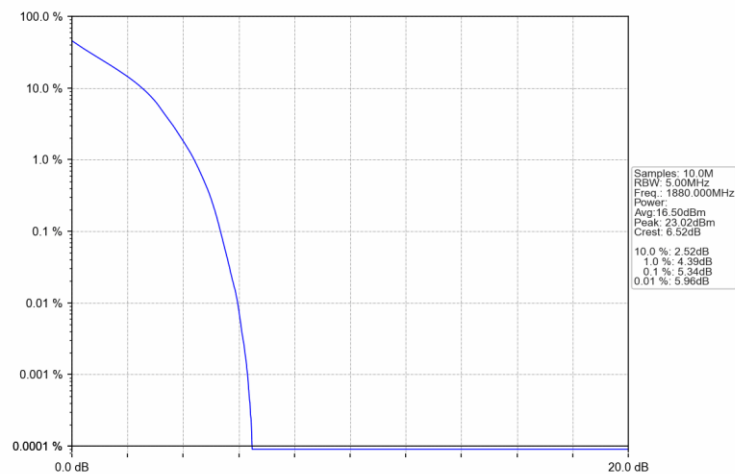


## 5.2.2 B2\_3MHz

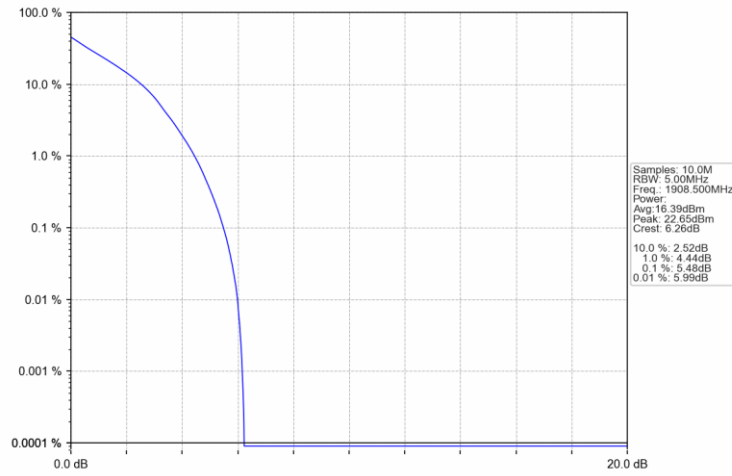
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



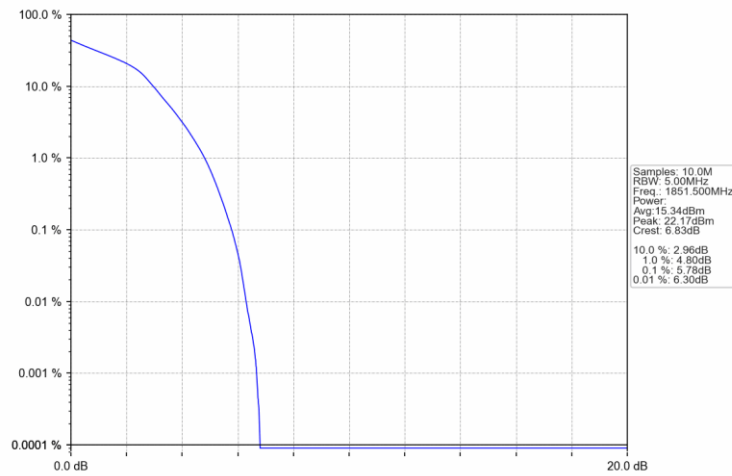
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



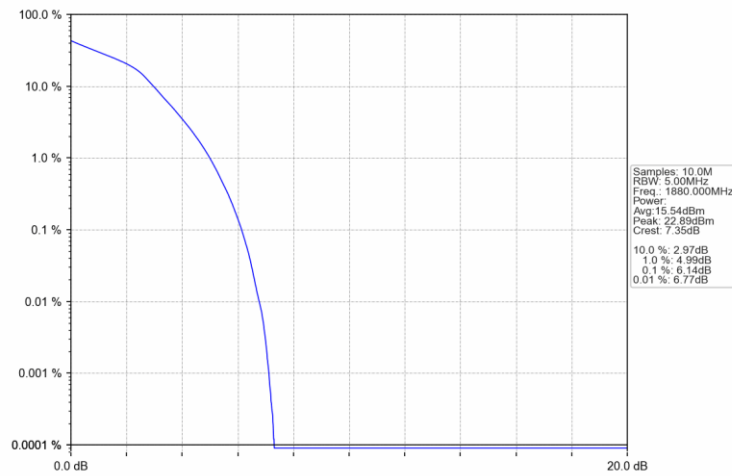
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



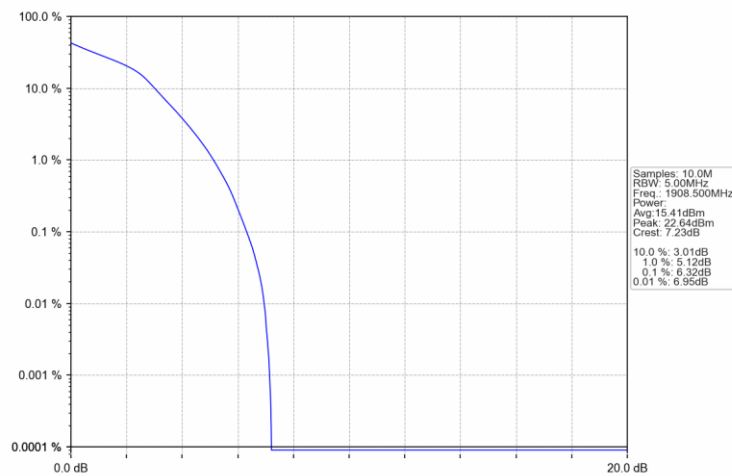
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



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

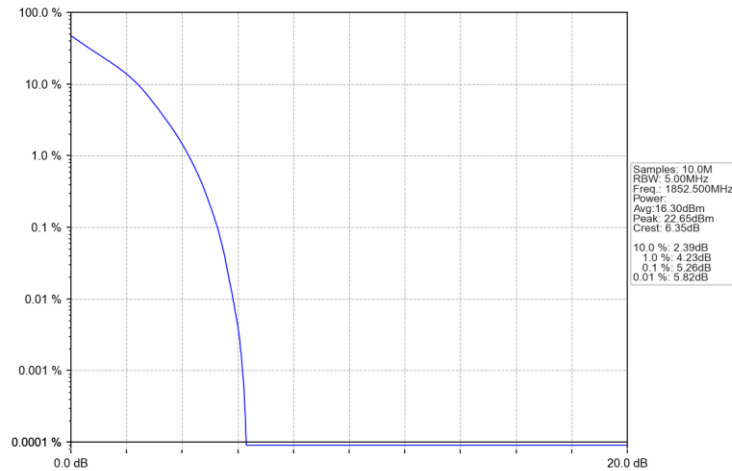


Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV

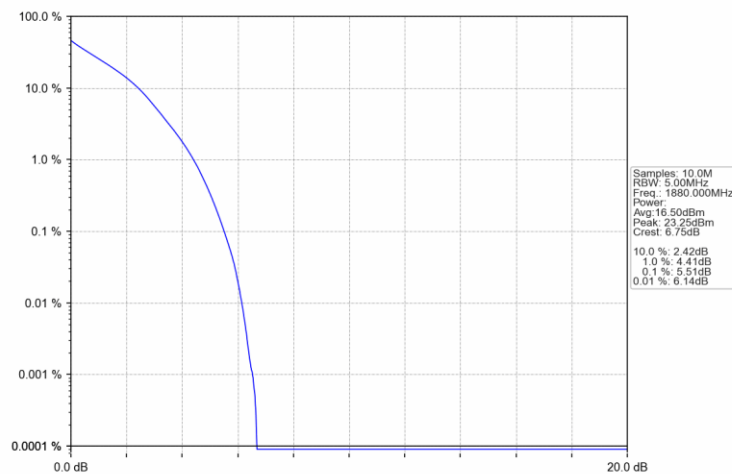


### 5.2.3 B2\_5MHz

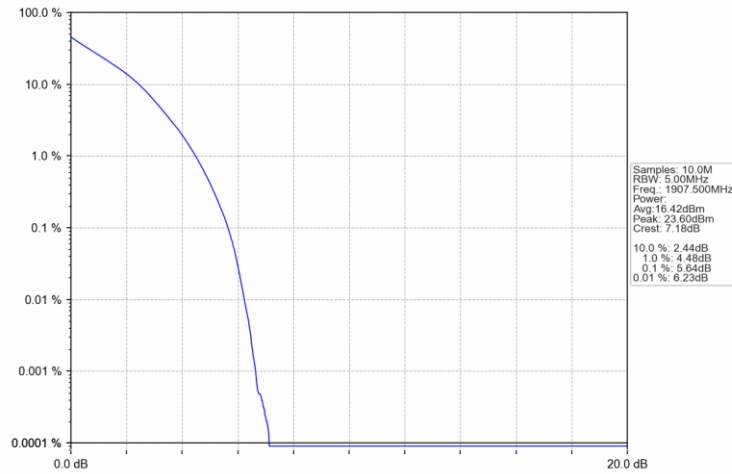
Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



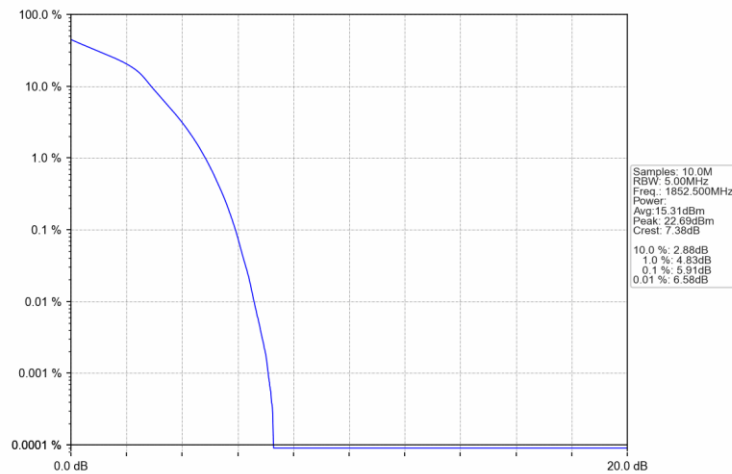
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



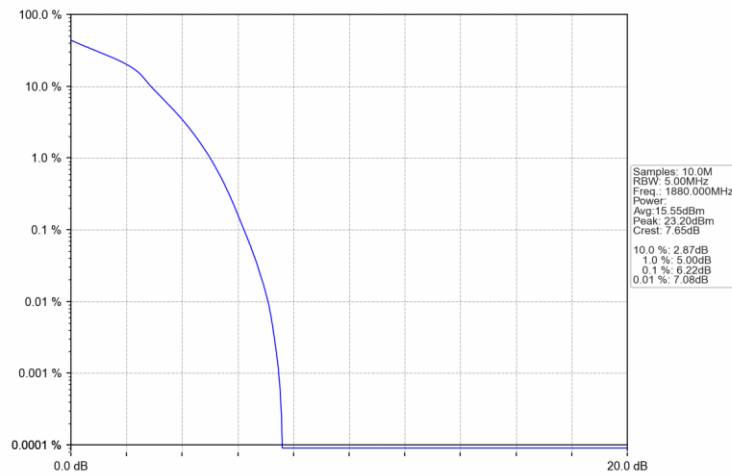
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



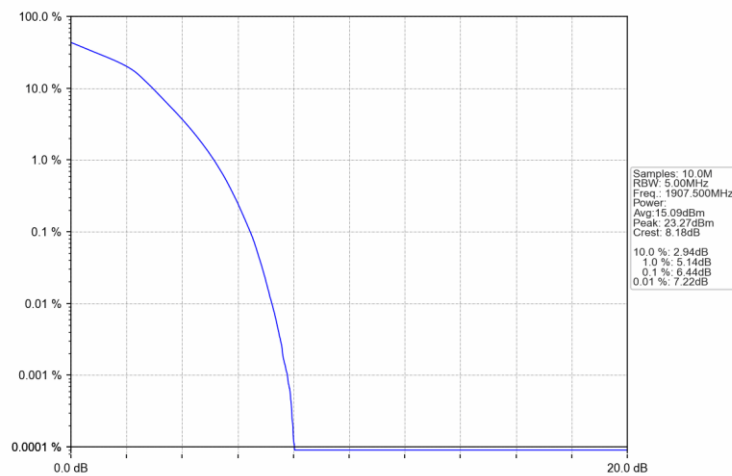
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



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

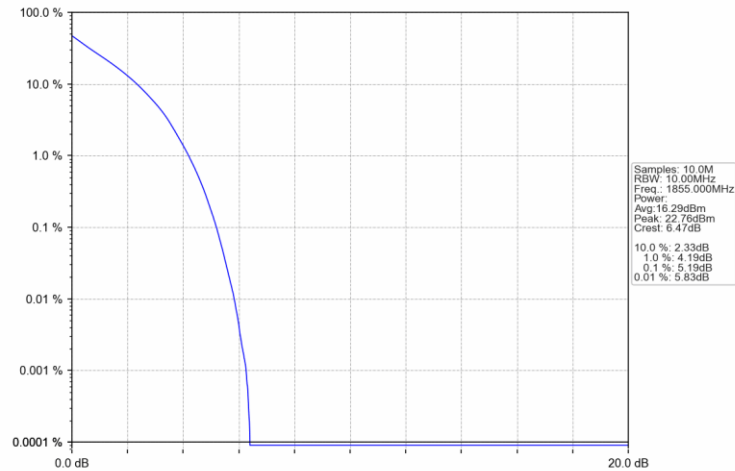


Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV

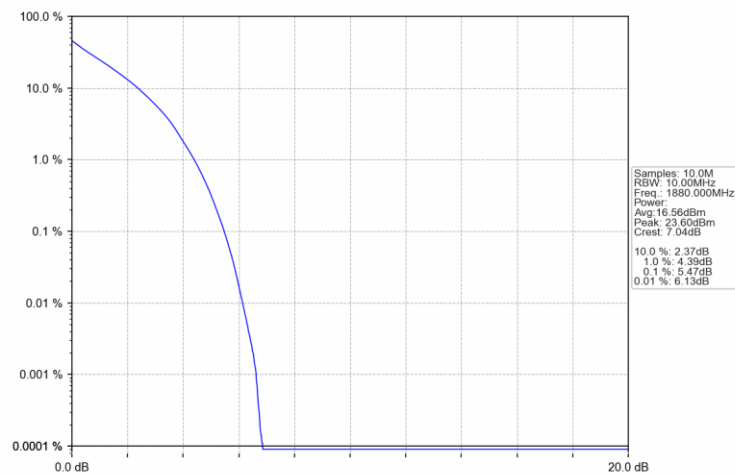


## 5.2.4 B2\_10MHz

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

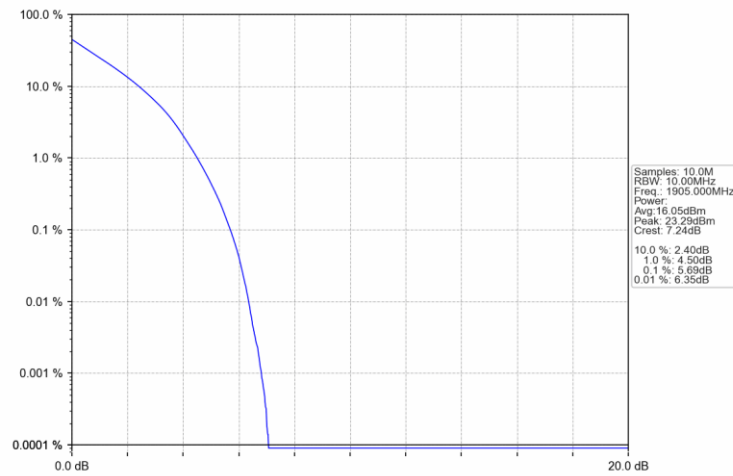


Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV

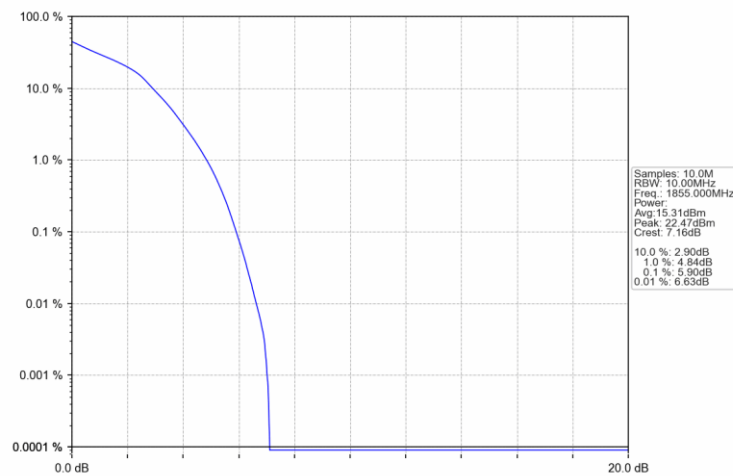




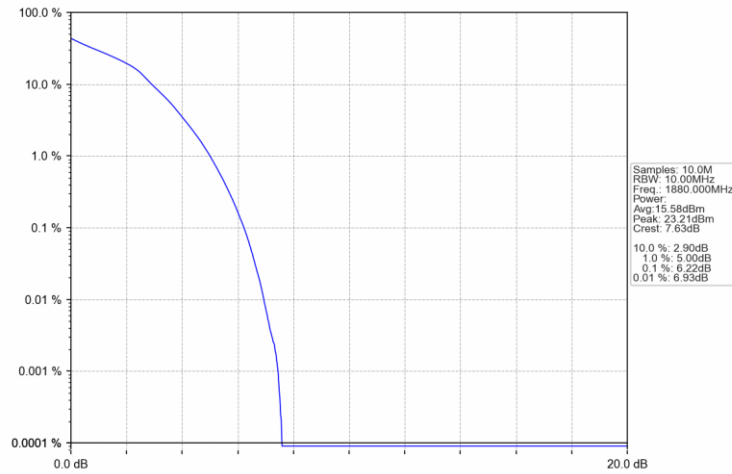
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



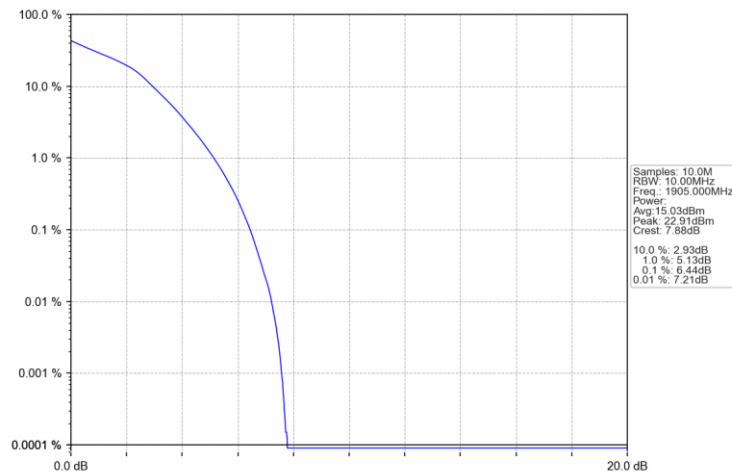
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



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

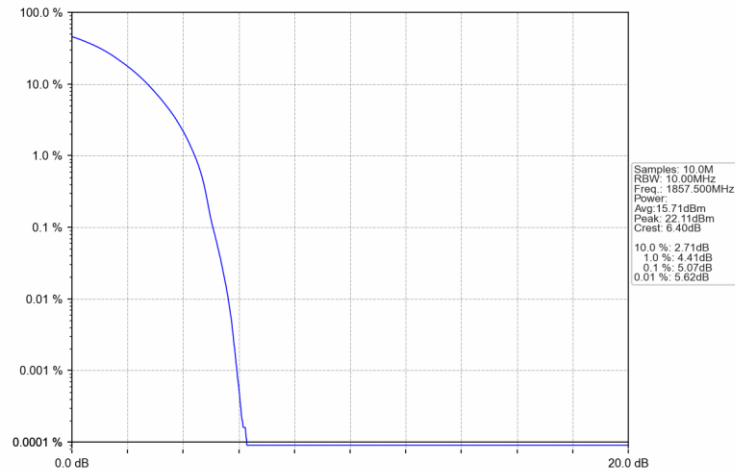


Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV

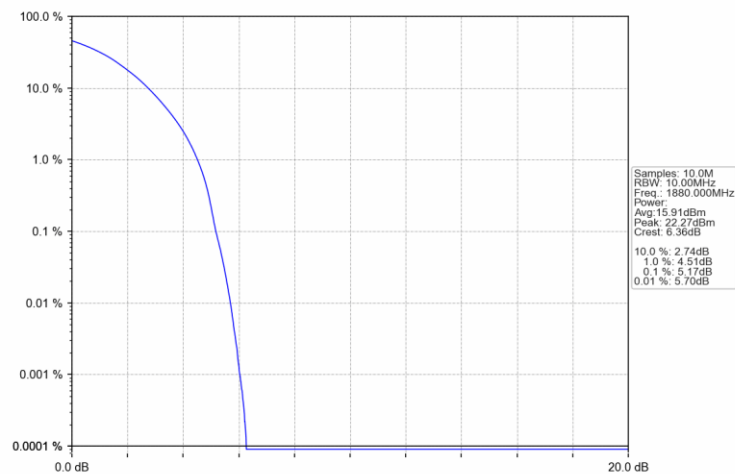


## 5.2.5 B2\_15MHz

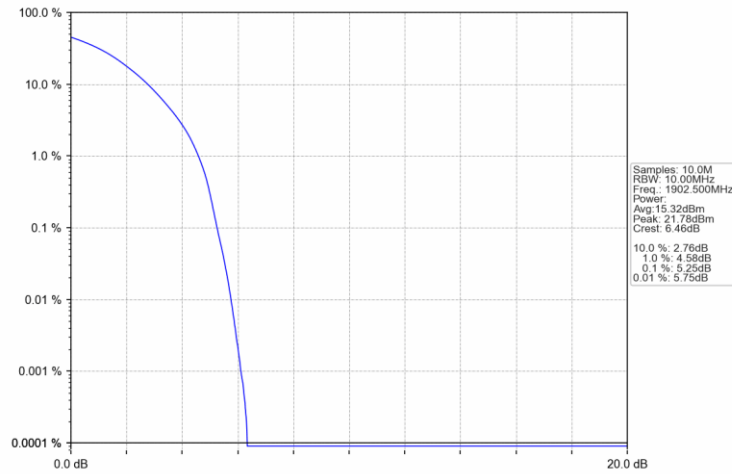
Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



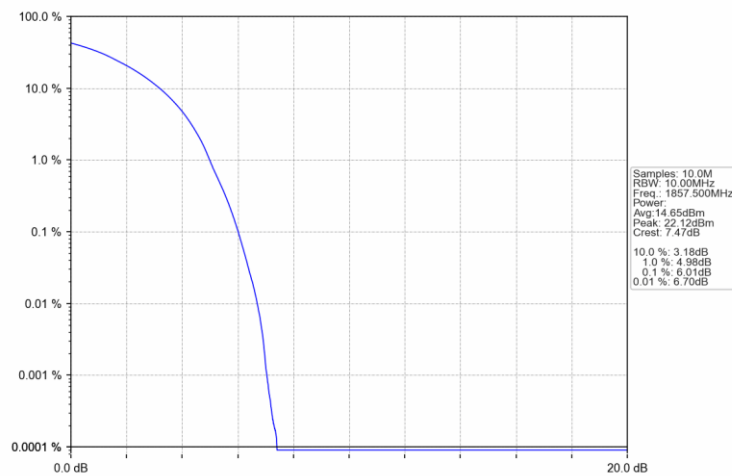
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



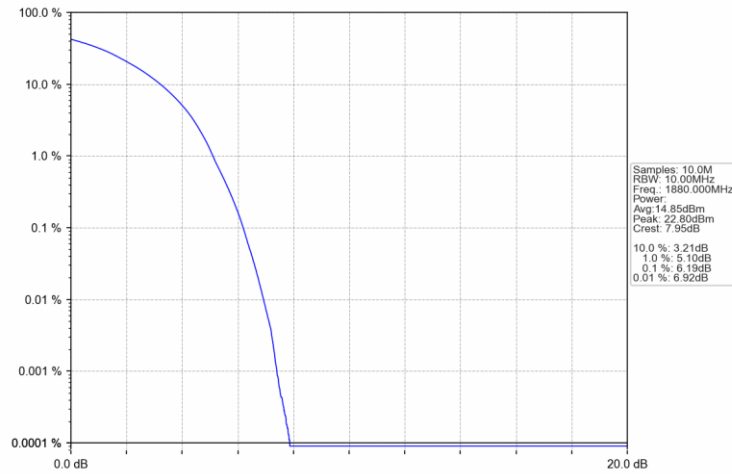
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



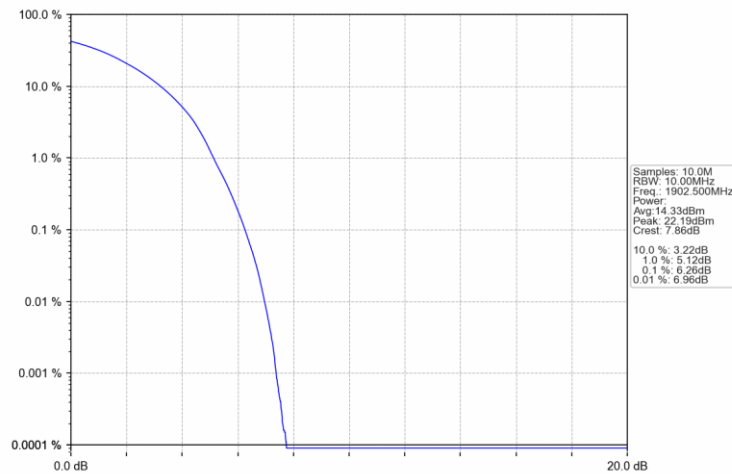
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



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

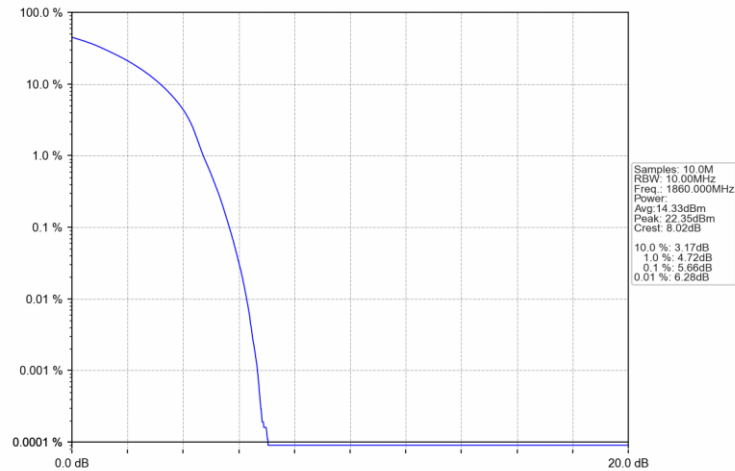


Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV

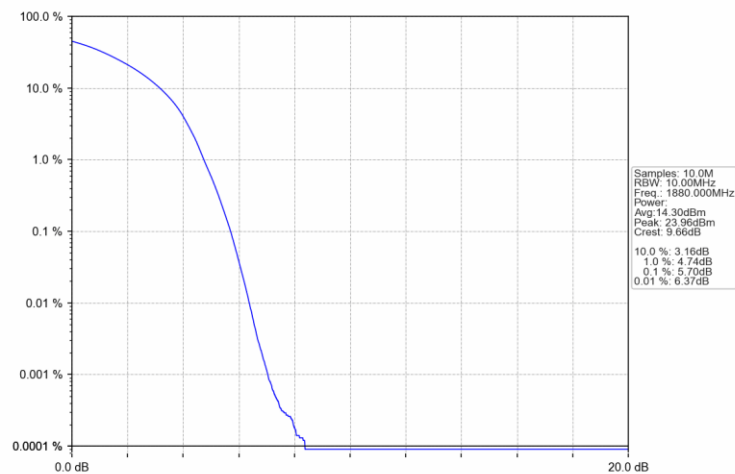


## 5.2.6 B2\_20MHz

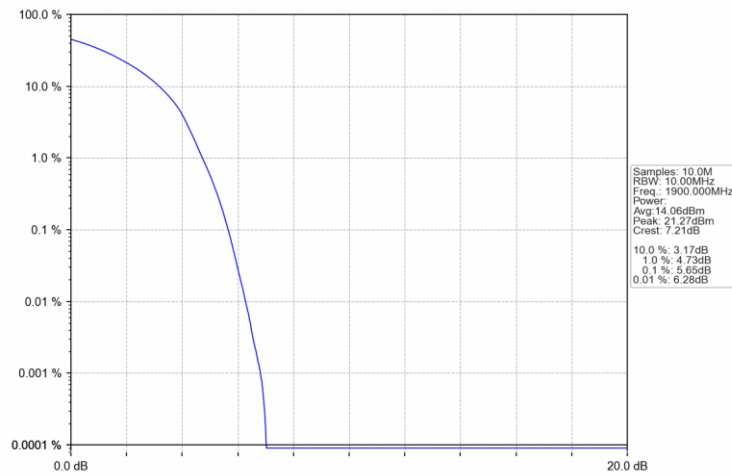
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



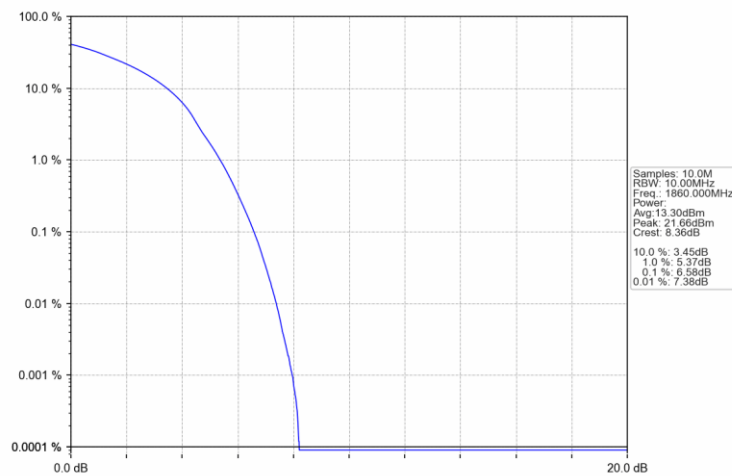
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV



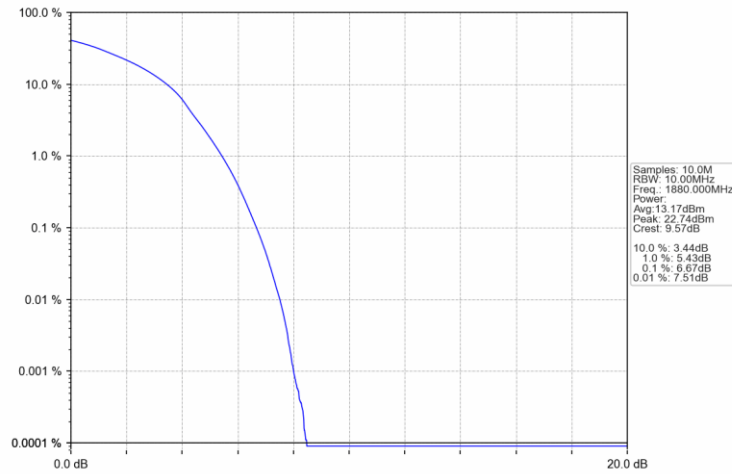
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



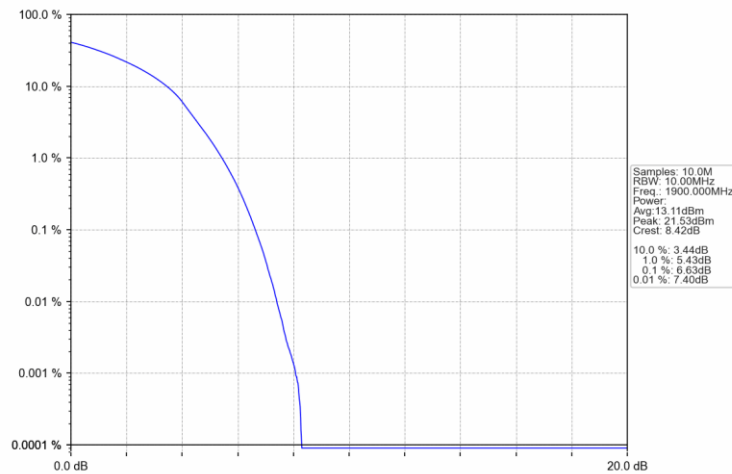
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



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





## 6. Spurious Emission

### 6.1 Test Result

#### 6.1.1 B2\_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1909.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1909.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

#### 6.1.2 B2\_3MHz

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

#### 6.1.3 B2\_5MHz

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

	1880	1	0	Refer To Test Graph	Pass
	1907.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

#### 6.1.4 B2\_10MHz

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

#### 6.1.5 B2\_15MHz

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

#### 6.1.6 B2\_20MHz

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



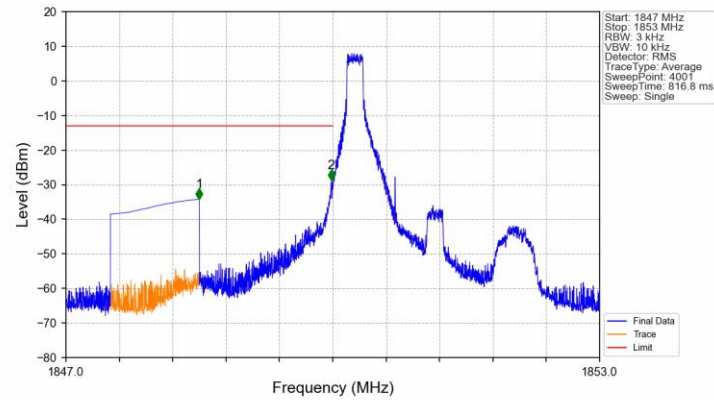
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		100	0	Refer To Test Graph	Pass
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## 6.2 Test Graph

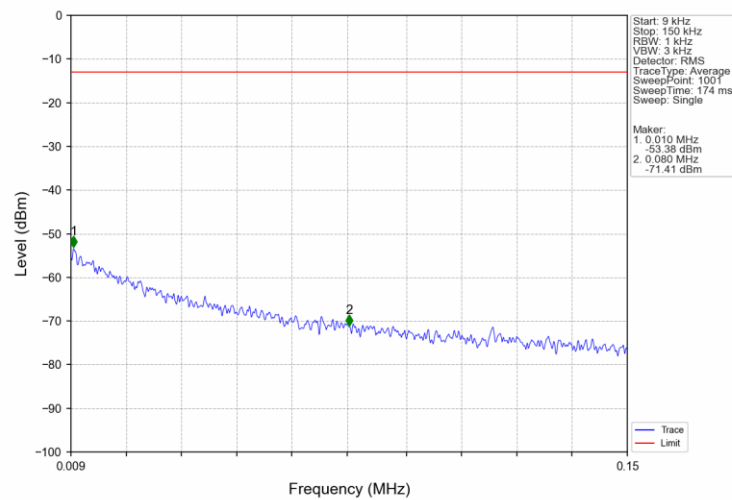
### 6.2.1 B2\_1.4MHz

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

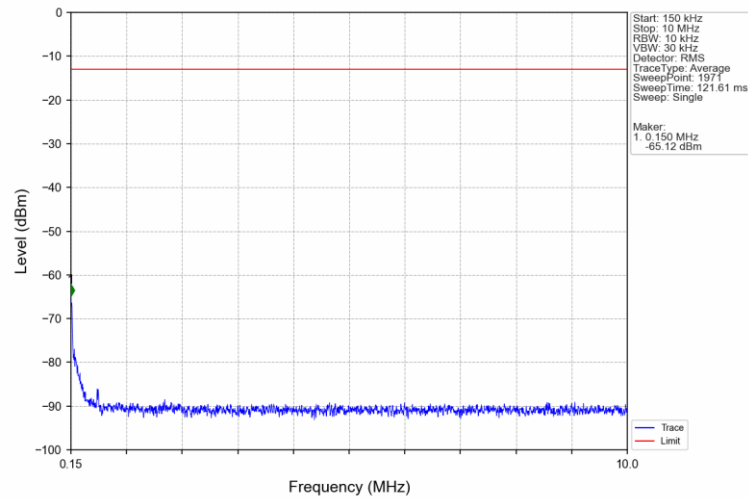


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.498	-34.16	-13	Pass
1849	1850	0.003	/	2	1849.984	-28.75	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

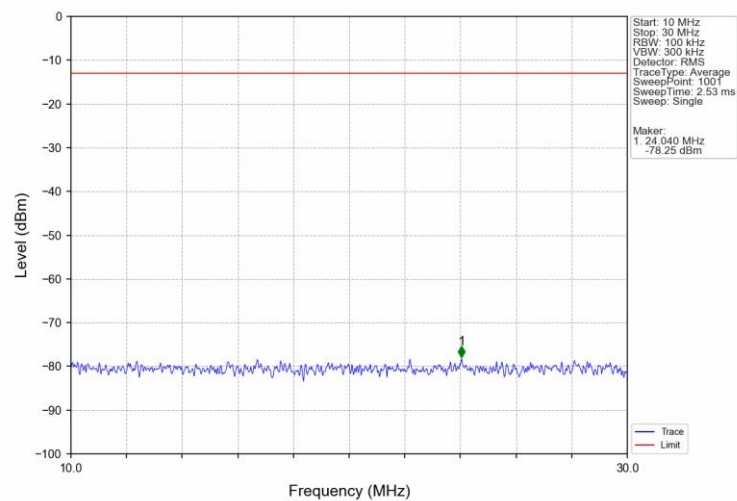
Band2\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



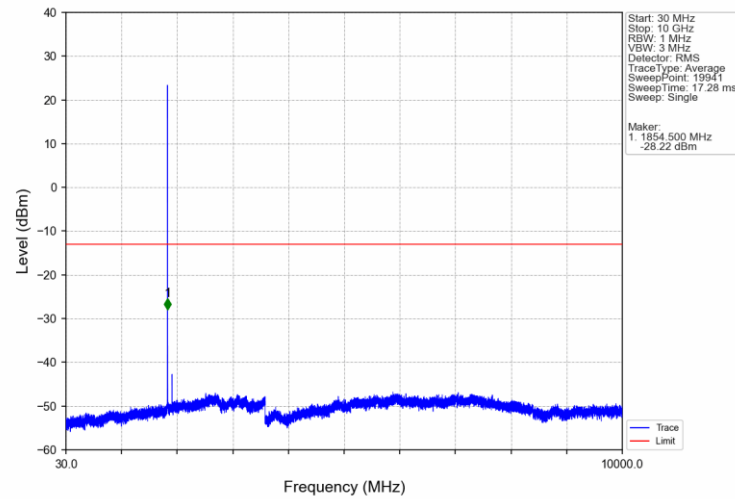
### Band2\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



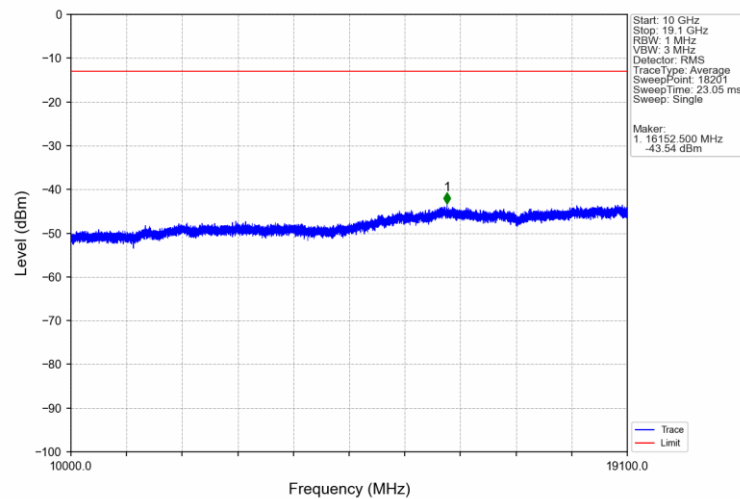
### Band2\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



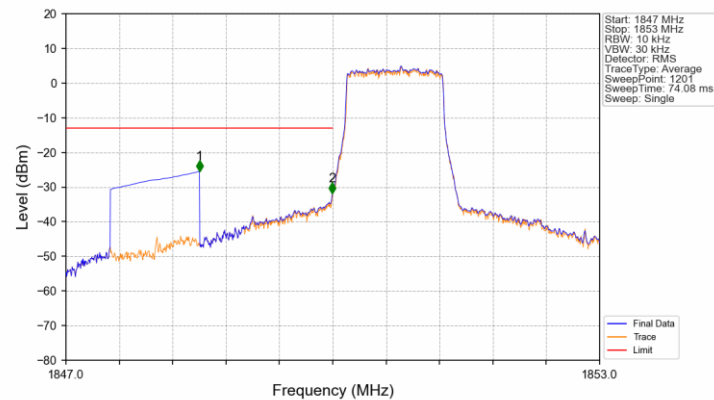
### Band2\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



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

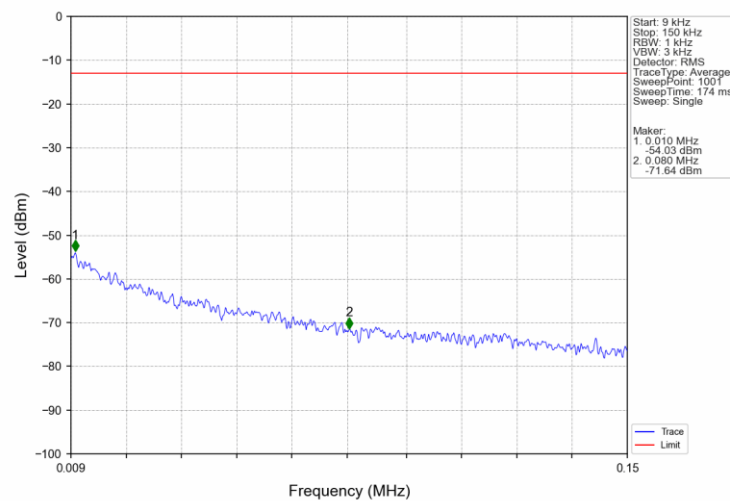


### Band2\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

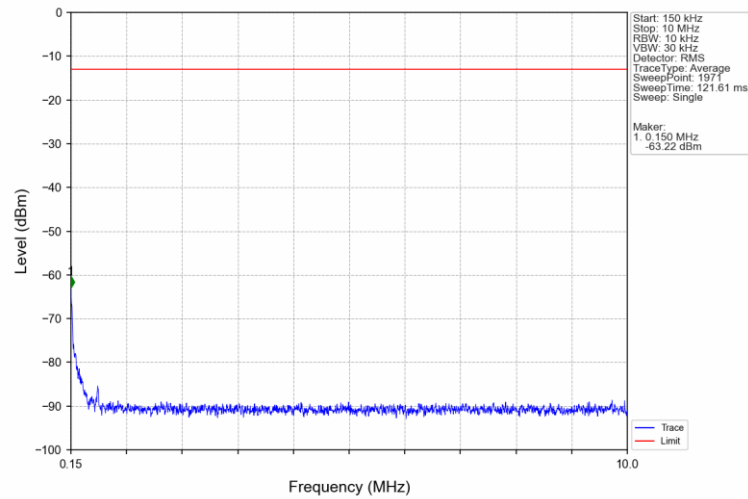


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-25.48	-13	Pass
1849	1850	0.013	CHP	2	1849.995	-31.86	-13	Pass
1850	1853	0.013	CHP	/	/	/	/	/

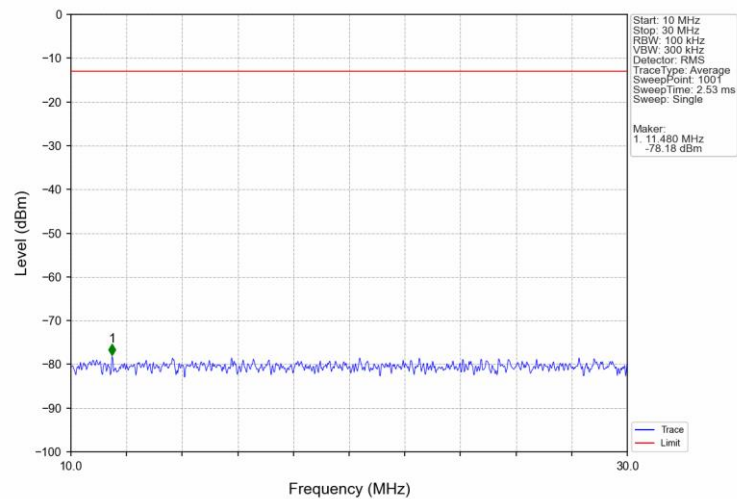
### Band2\_1.4MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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

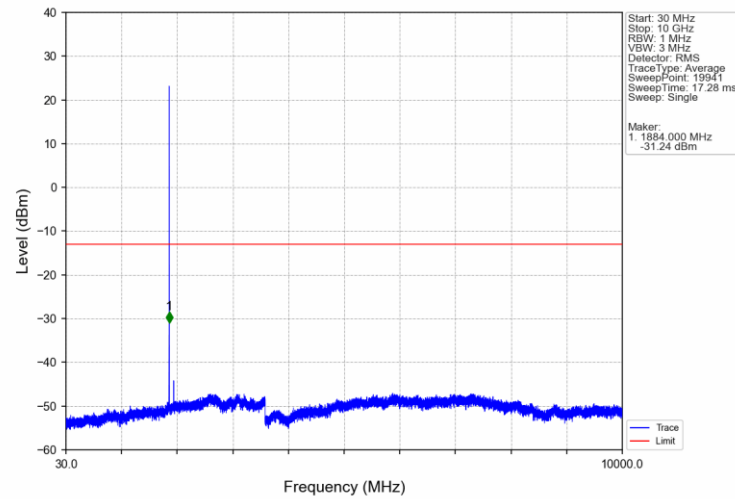


### Band2\_1.4MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV

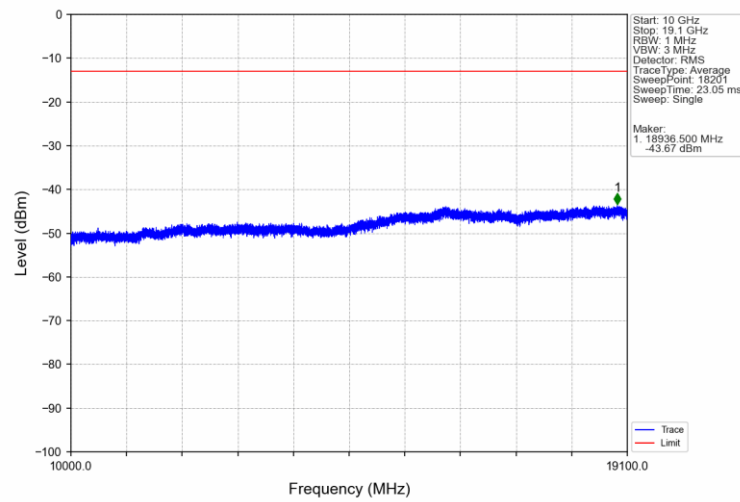




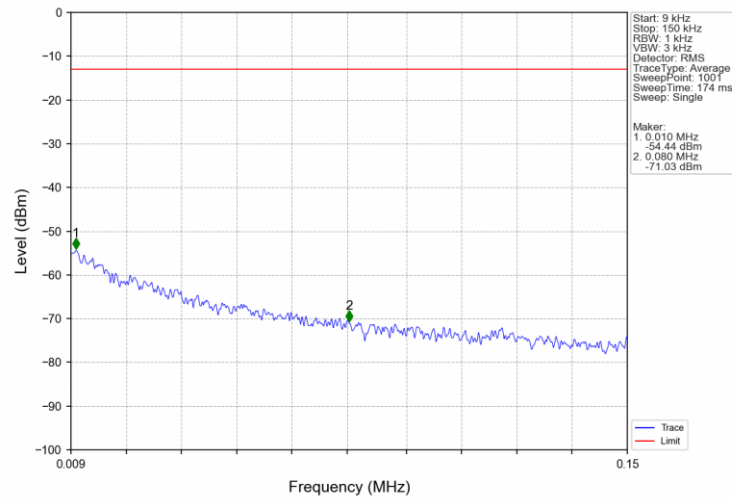
### Band2\_1.4MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



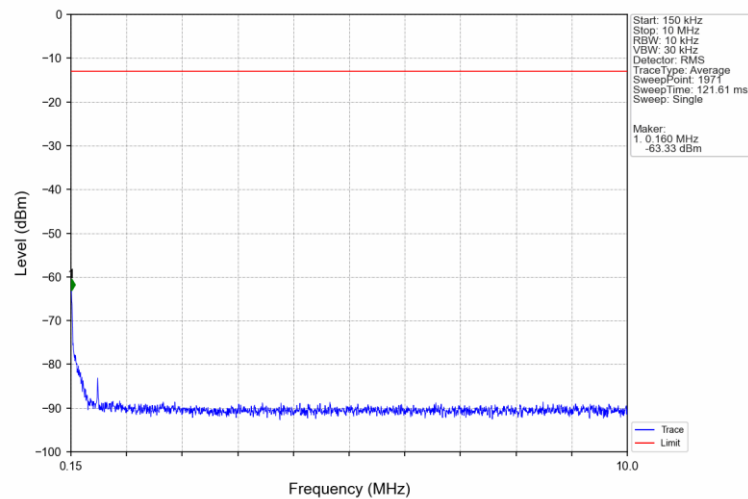
### Band2\_1.4MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



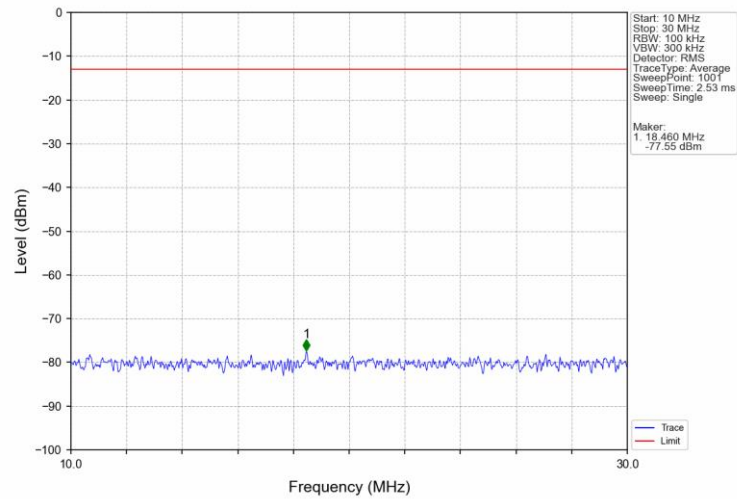
### Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



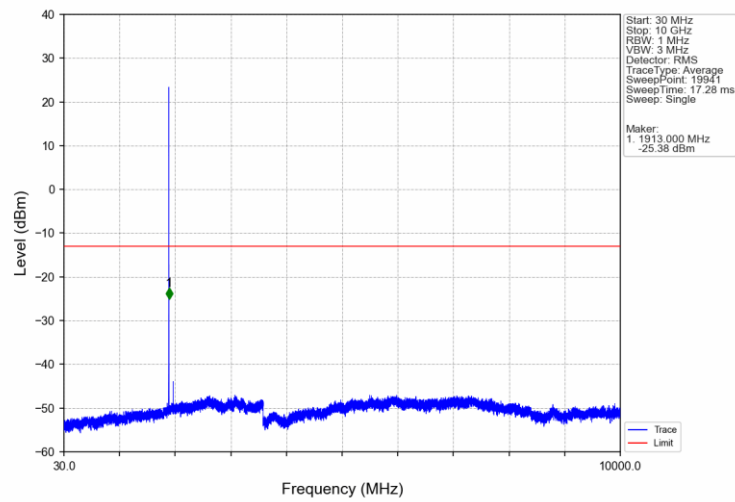
### Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



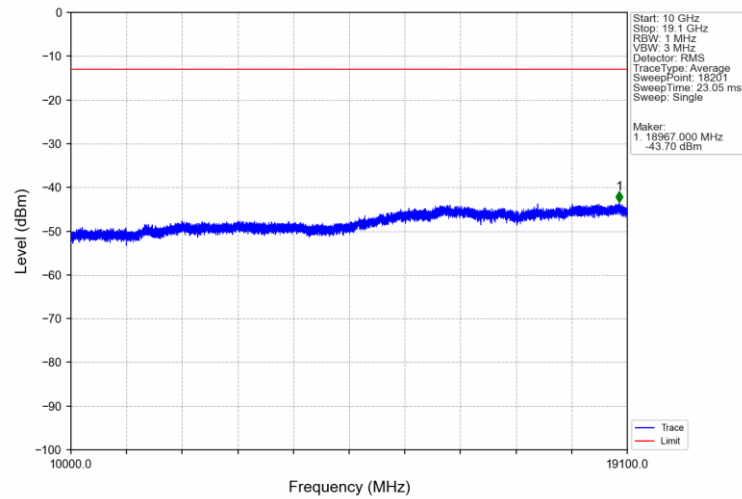
### Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



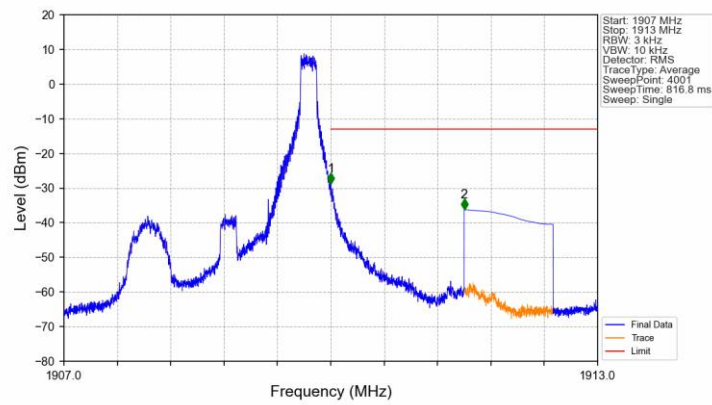
### Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



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



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



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-28.81	-13	Pass
1911	1913	1	CHP	2	1911.500	-36.20	-13	Pass