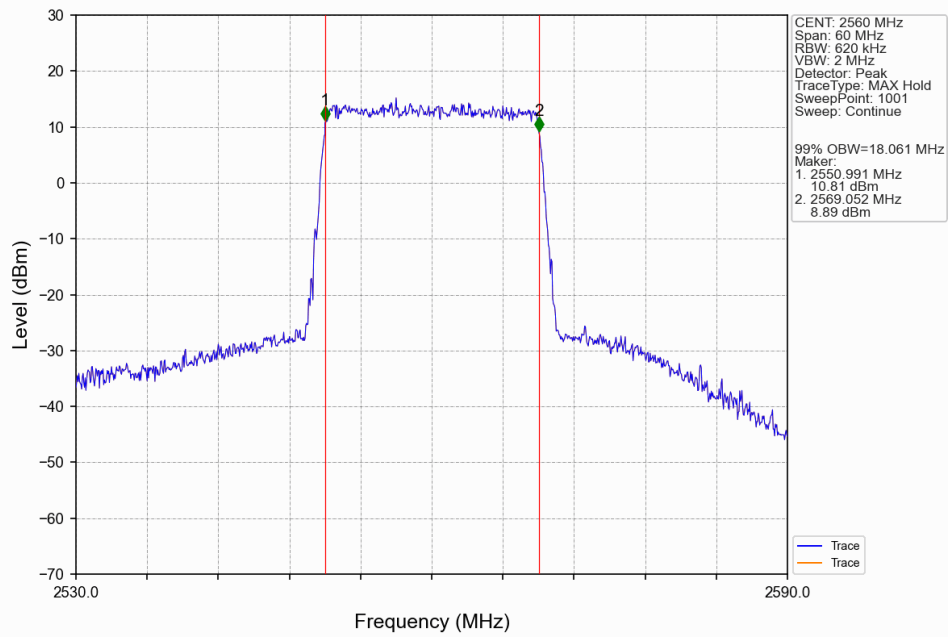
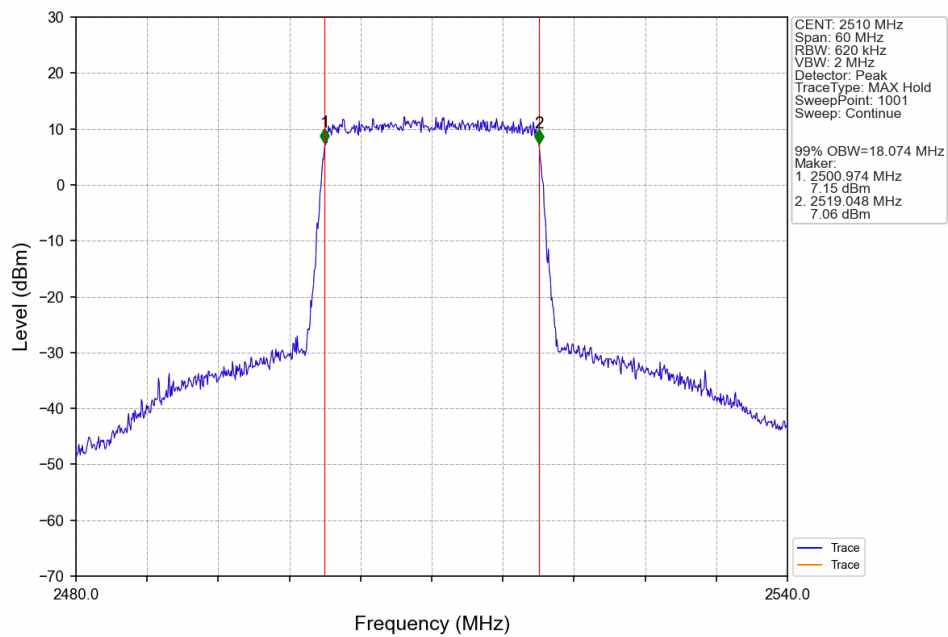


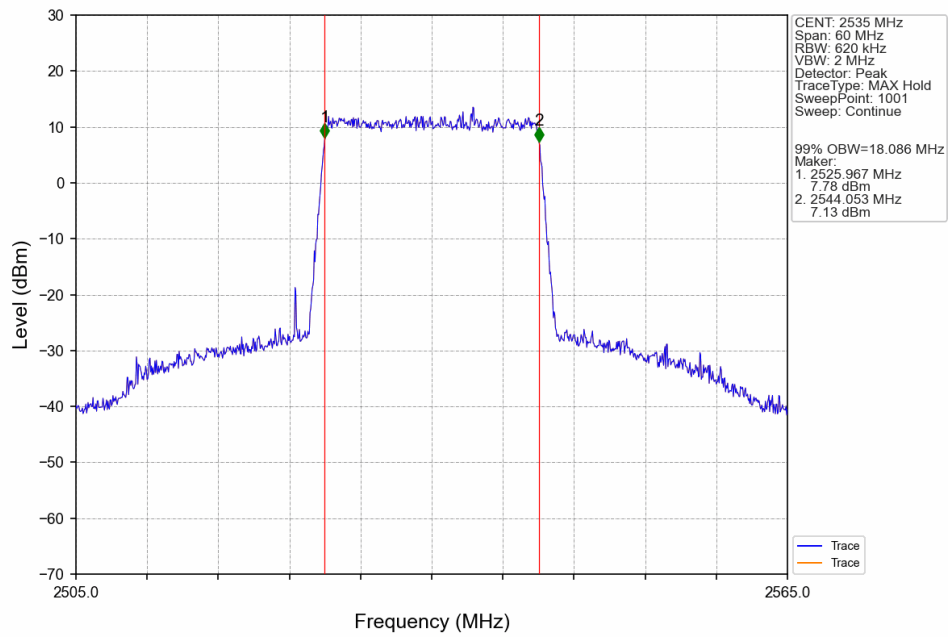
Band7\_20MHz\_64QAM\_HCH\_2560MHz\_RB\_100\_0\_NTNV



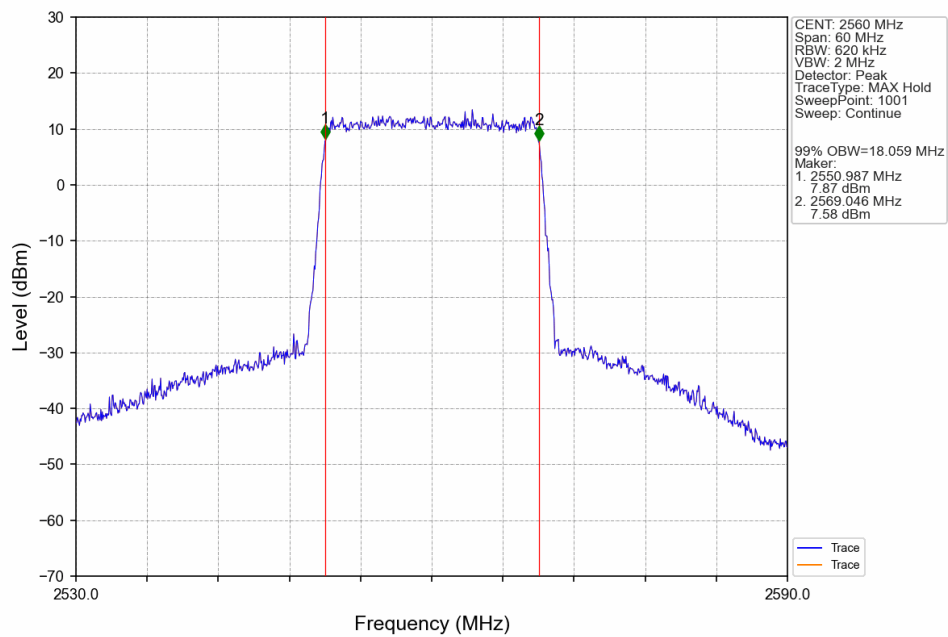
Band7\_20MHz\_256QAM\_LCH\_2510MHz\_RB\_100\_0\_NTNV



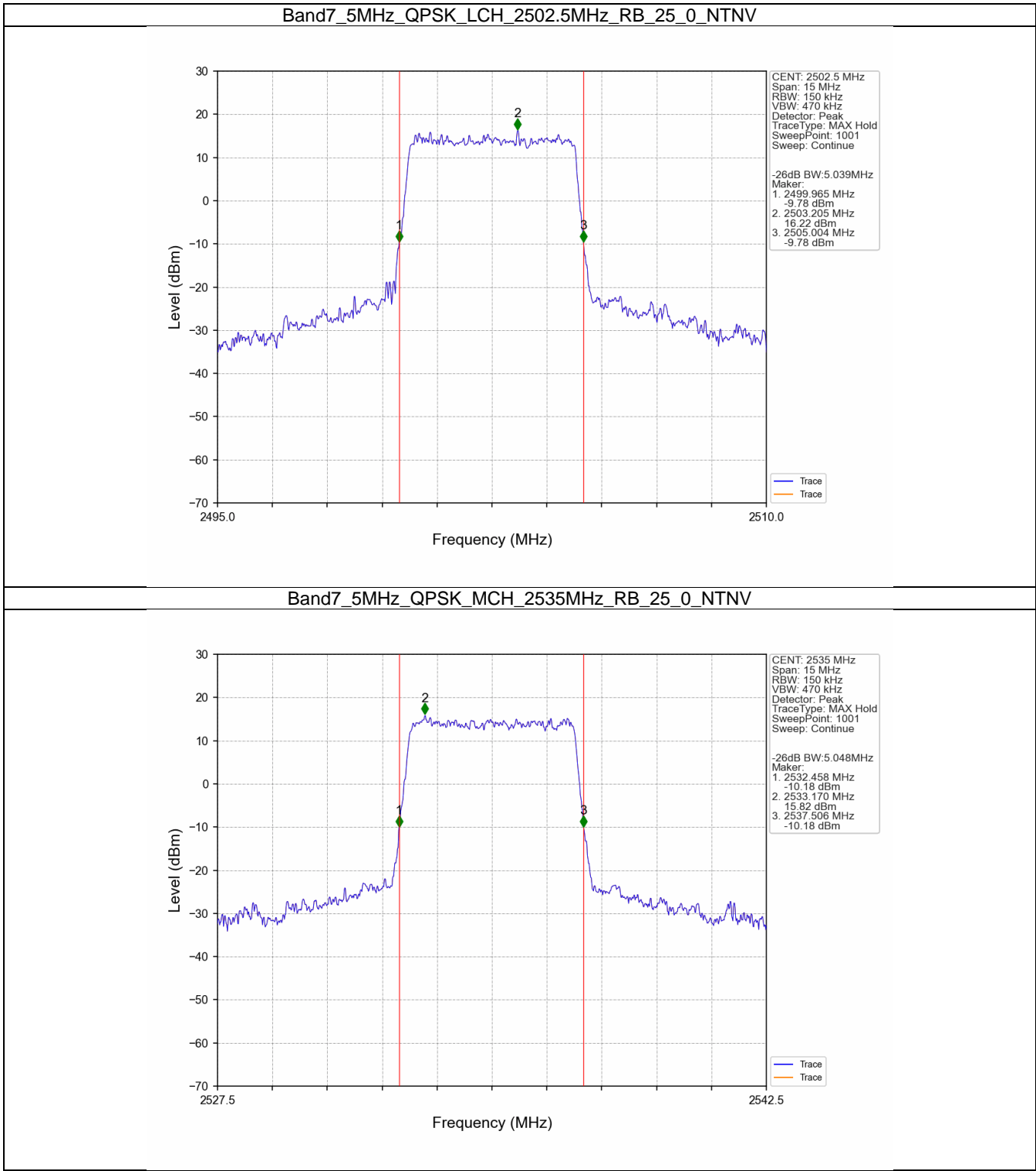
Band7\_20MHz\_256QAM\_MCH\_2535MHz\_RB\_100\_0\_NTNV



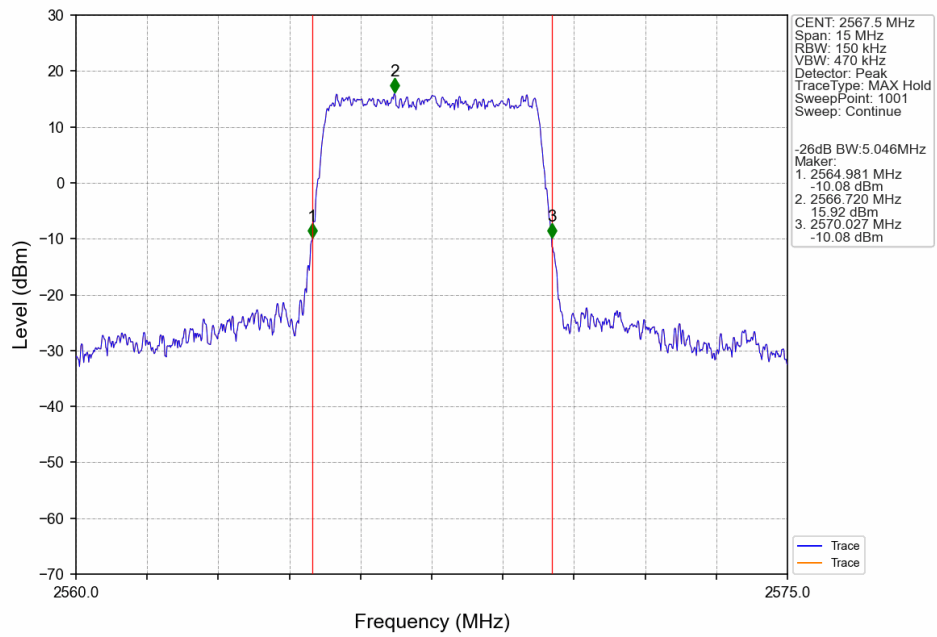
Band7\_20MHz\_256QAM\_HCH\_2560MHz\_RB\_100\_0\_NTNV



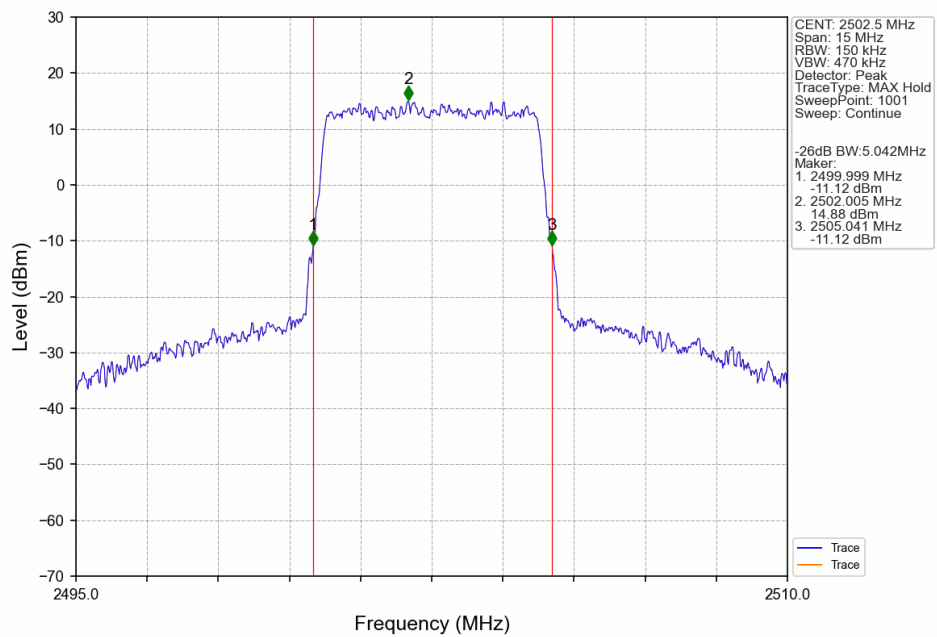
3.2.2 Band7\_XDB



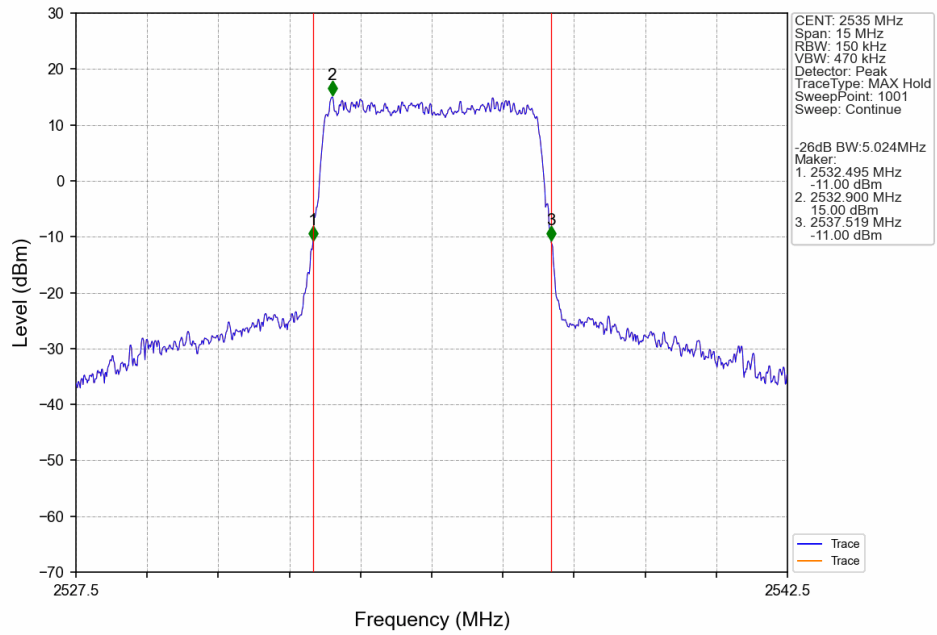
Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_25\_0\_NTNV



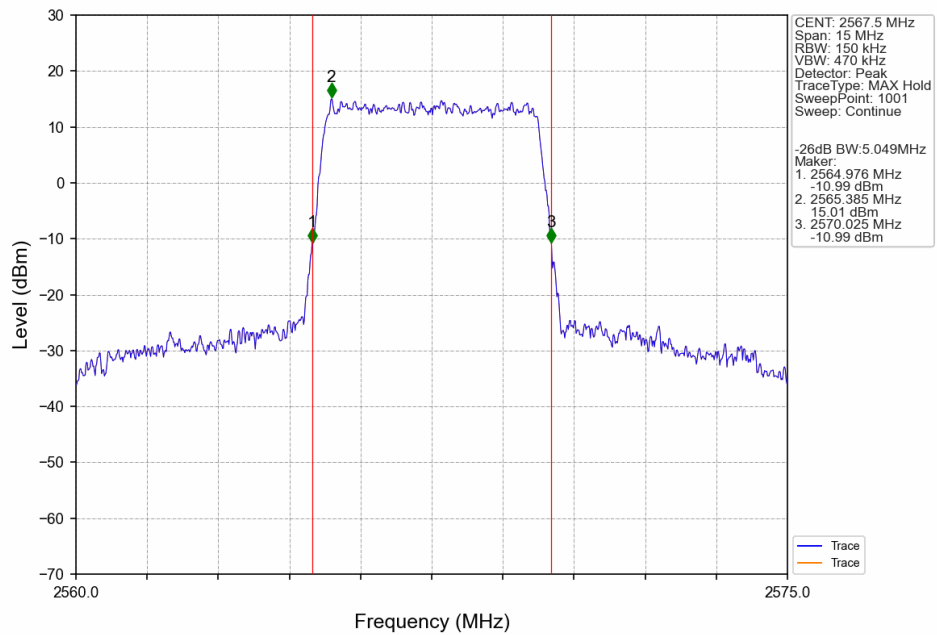
Band7\_5MHz\_16QAM\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV



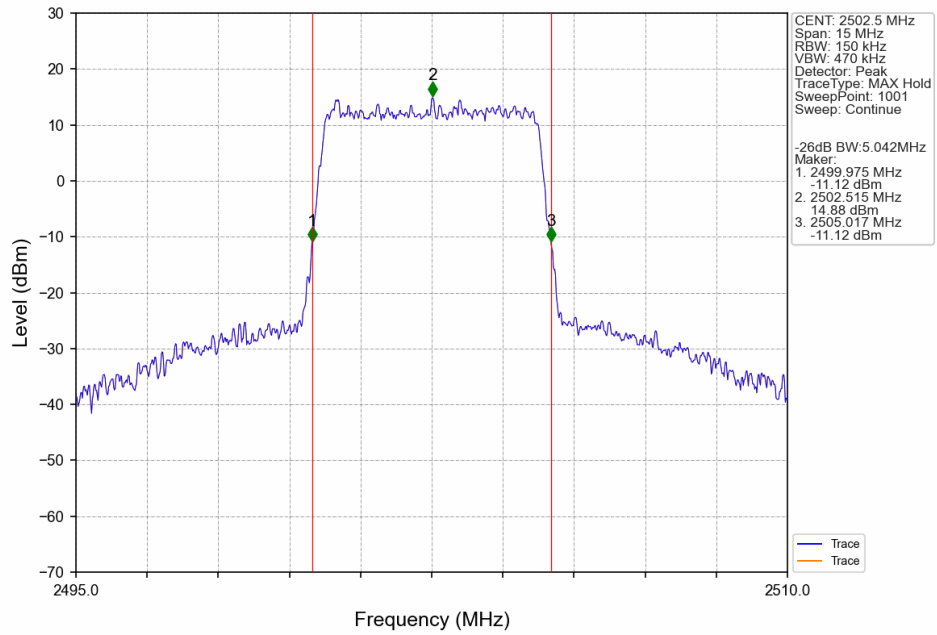
Band7\_5MHz\_16QAM\_MCH\_2535MHz\_RB\_25\_0\_NTNV



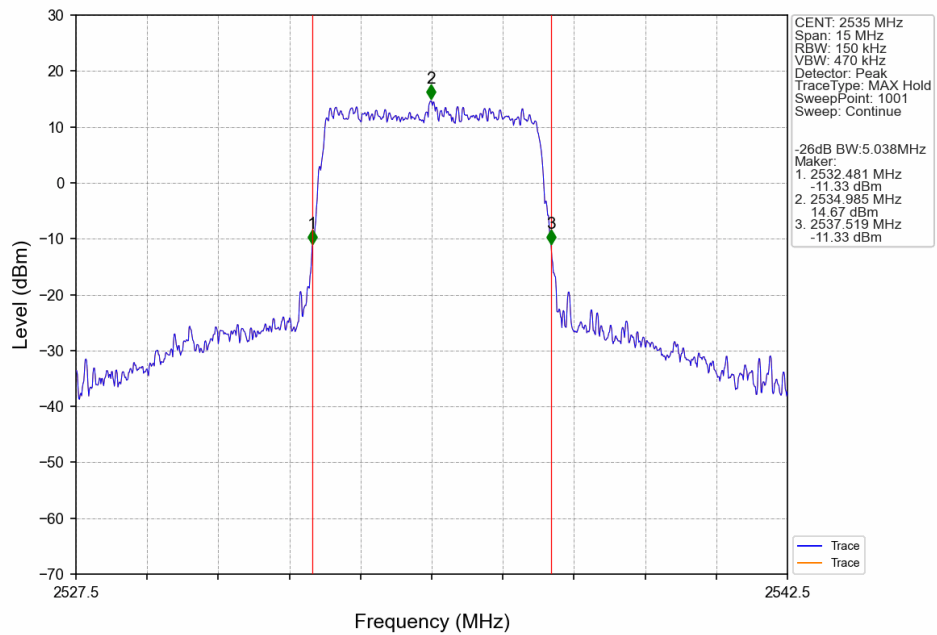
Band7\_5MHz\_16QAM\_HCH\_2567.5MHz\_RB\_25\_0\_NTNV



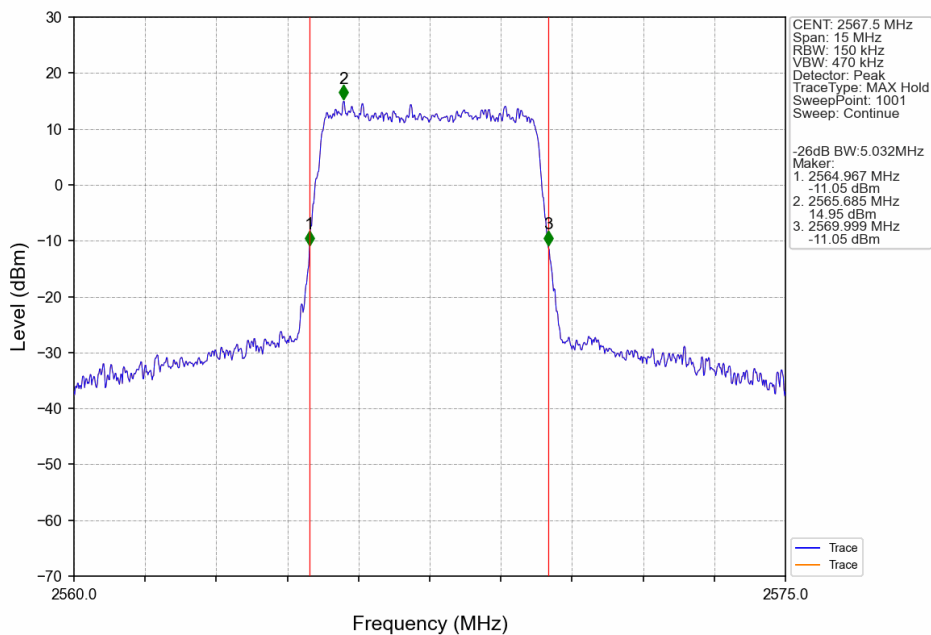
Band7\_5MHz\_64QAM\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV



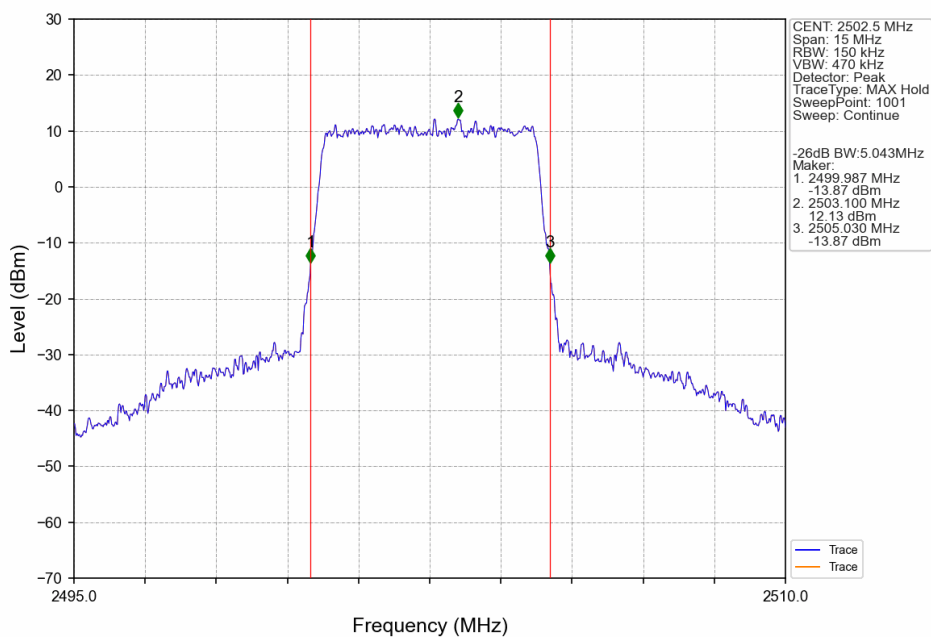
Band7\_5MHz\_64QAM\_MCH\_2535MHz\_RB\_25\_0\_NTNV



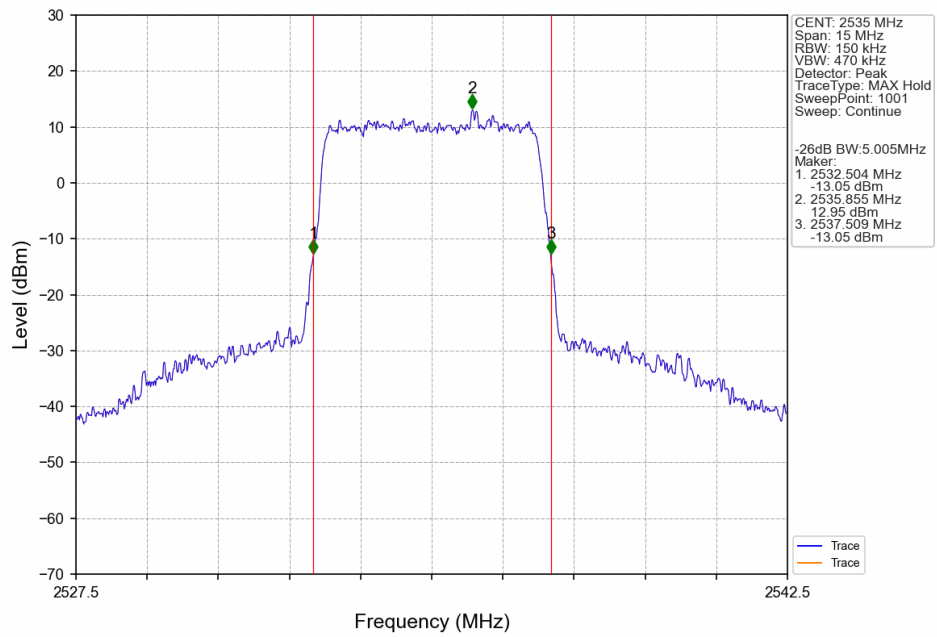
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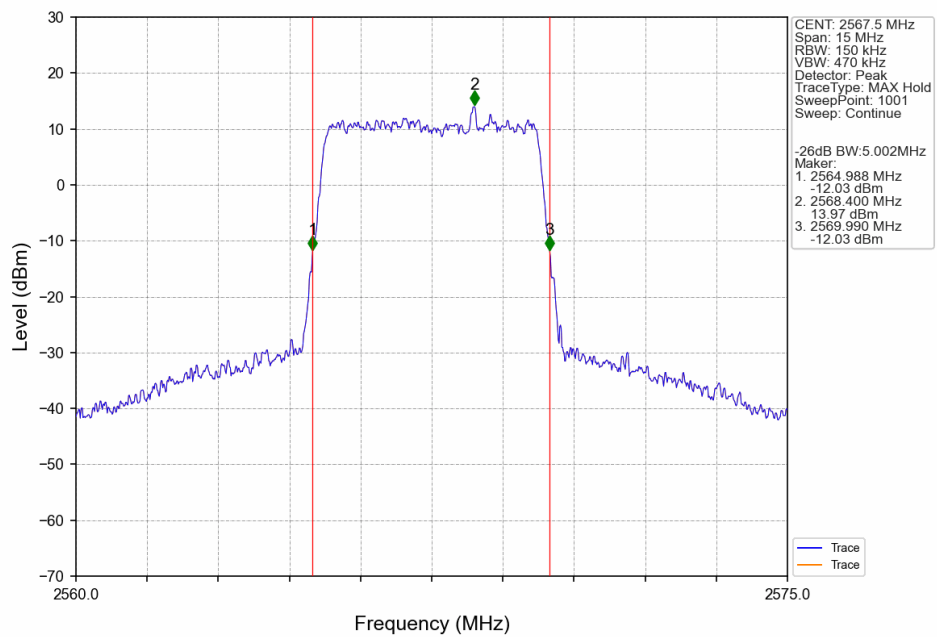
Band7\_5MHz\_256QAM\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV



Band7\_5MHz\_256QAM\_MCH\_2535MHz\_RB\_25\_0\_NTNV

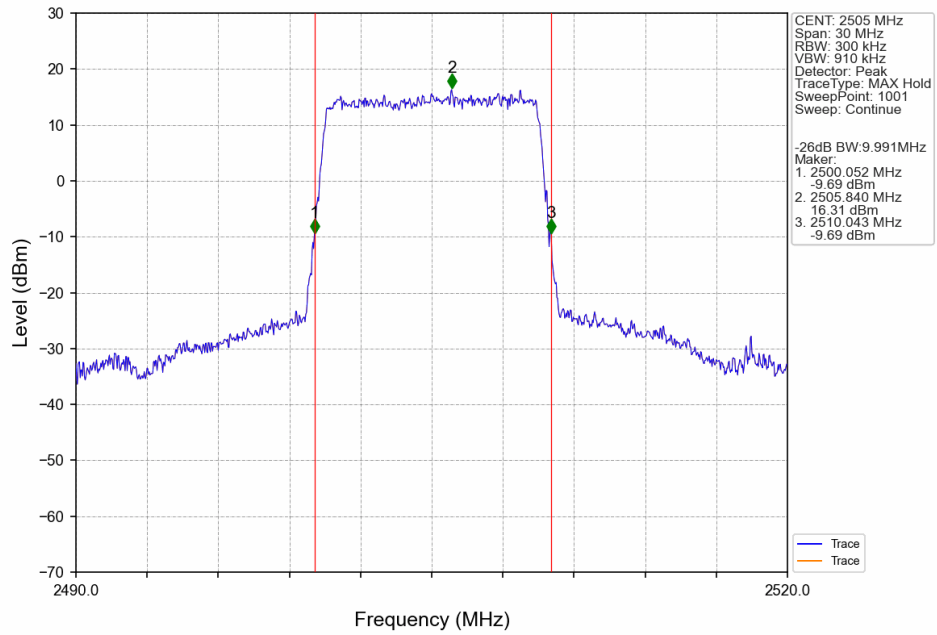


Band7\_5MHz\_256QAM\_HCH\_2567.5MHz\_RB\_25\_0\_NTNV

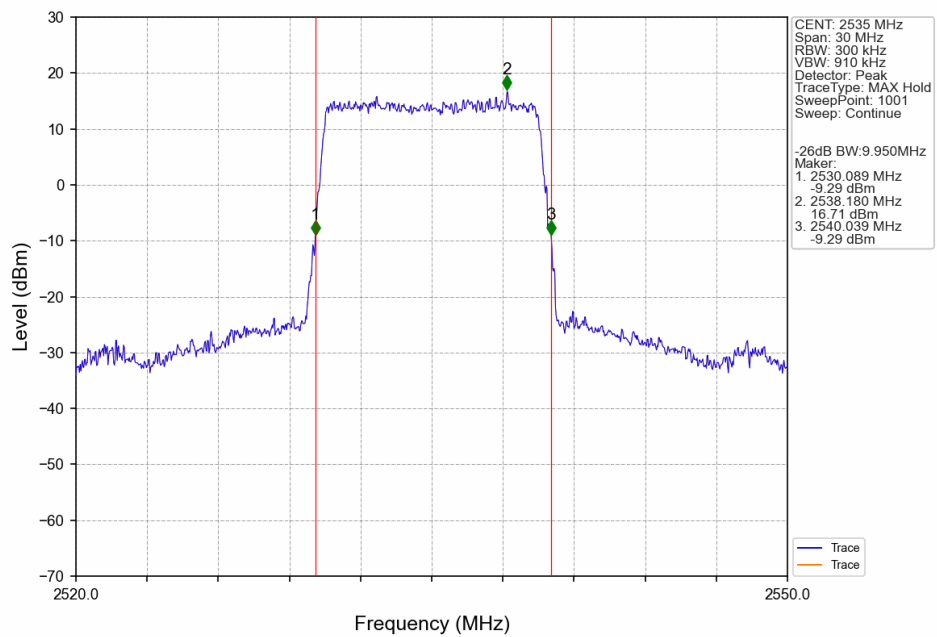




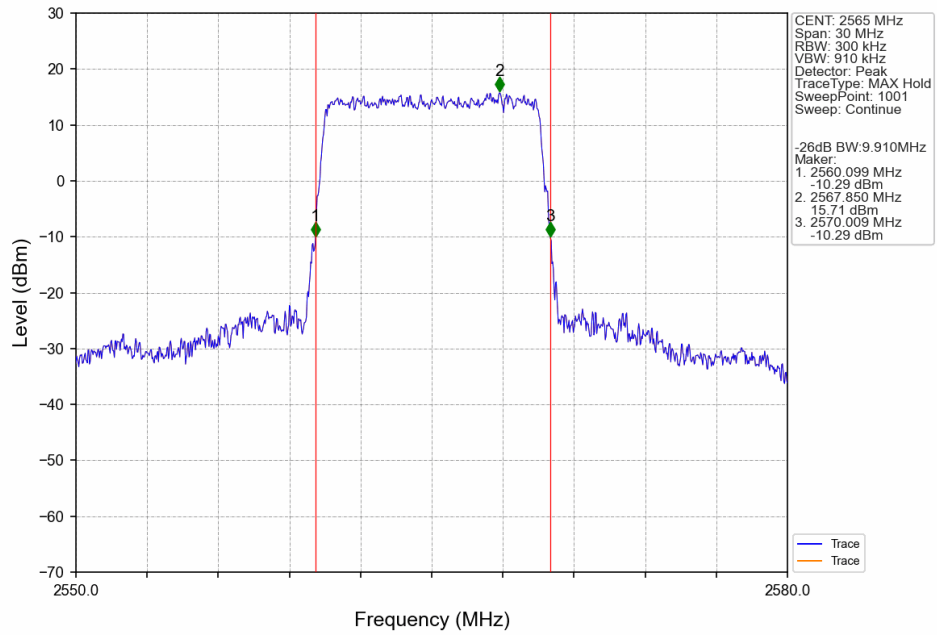
Band7\_10MHz\_QPSK\_LCH\_2505MHz\_RB\_50\_0\_NTNV



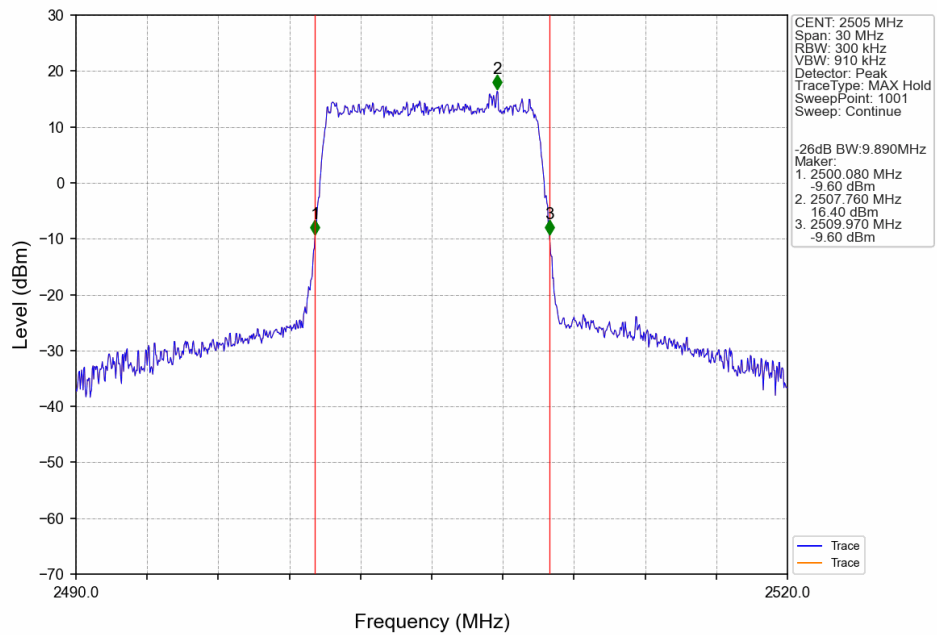
Band7\_10MHz\_QPSK\_MCH\_2535MHz\_RB\_50\_0\_NTNV



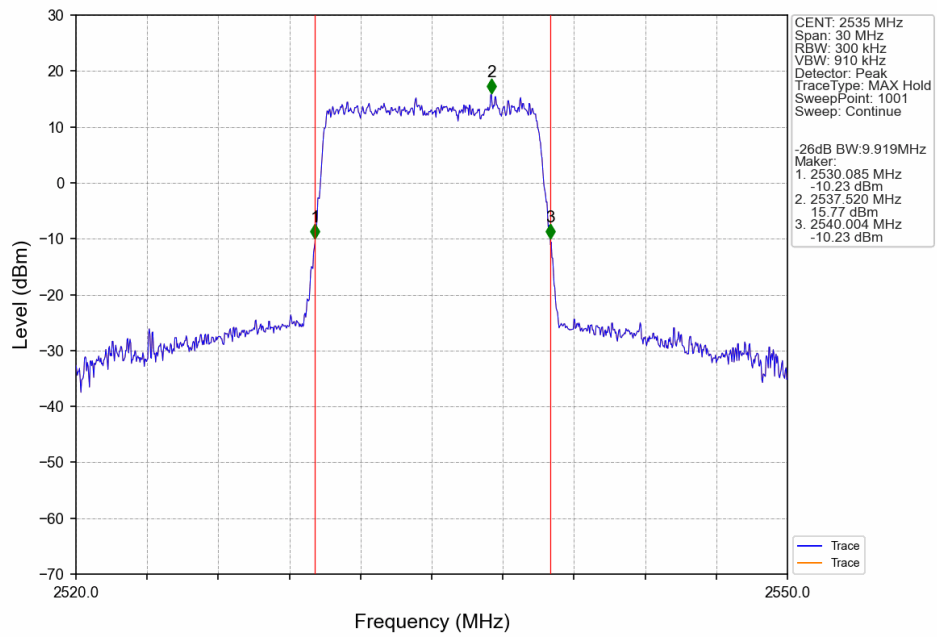
Band7\_10MHz\_QPSK\_HCH\_2565MHz\_RB\_50\_0\_NTNV



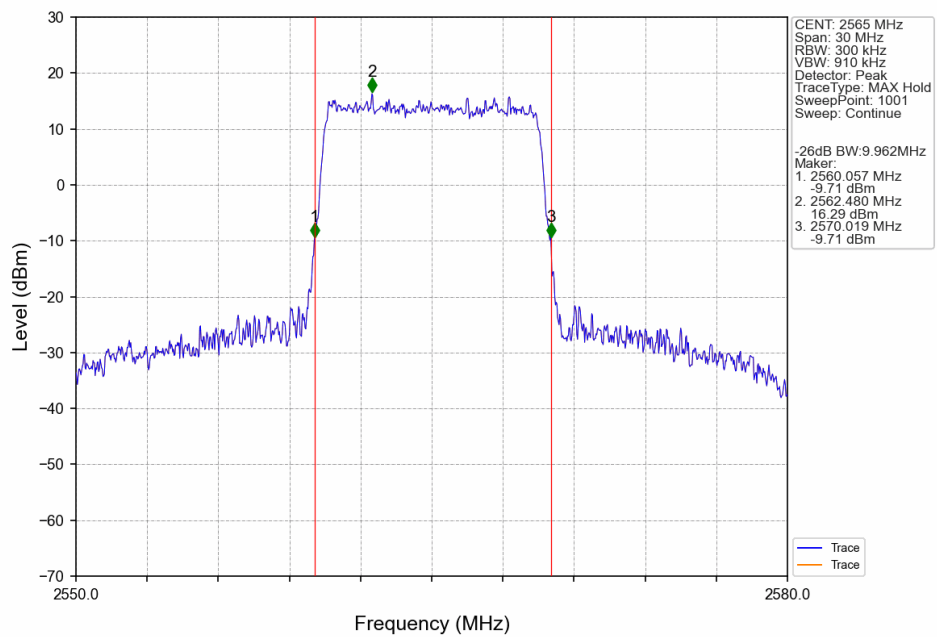
Band7\_10MHz\_16QAM\_LCH\_2505MHz\_RB\_50\_0\_NTNV



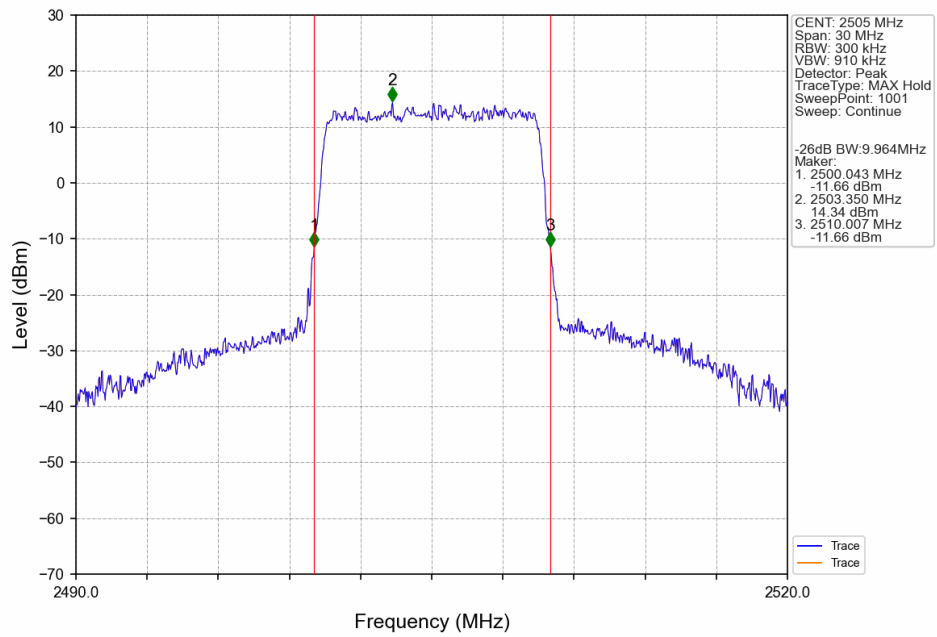
Band7\_10MHz\_16QAM\_MCH\_2535MHz\_RB\_50\_0\_NTNV



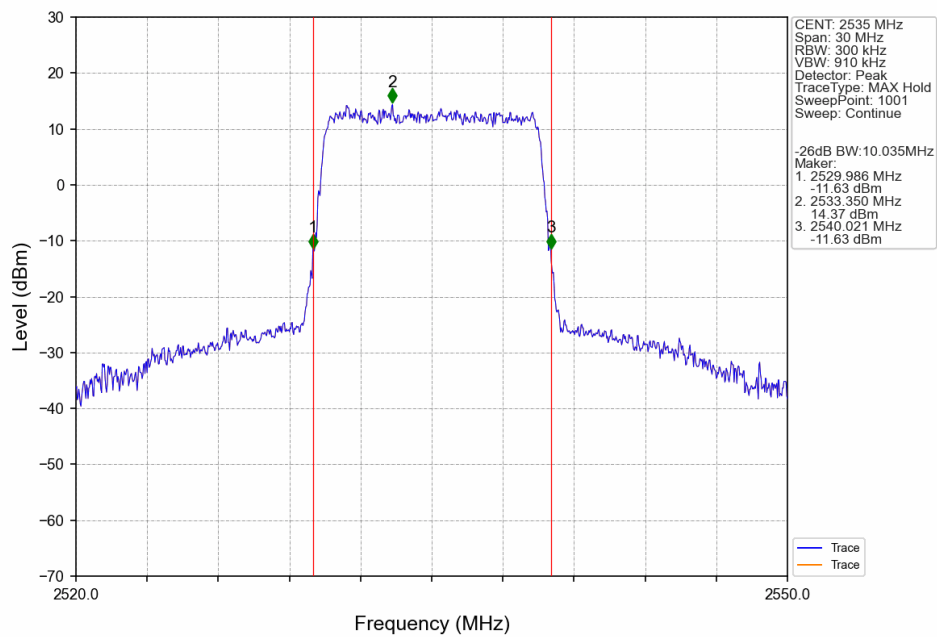
Band7\_10MHz\_16QAM\_HCH\_2565MHz\_RB\_50\_0\_NTNV



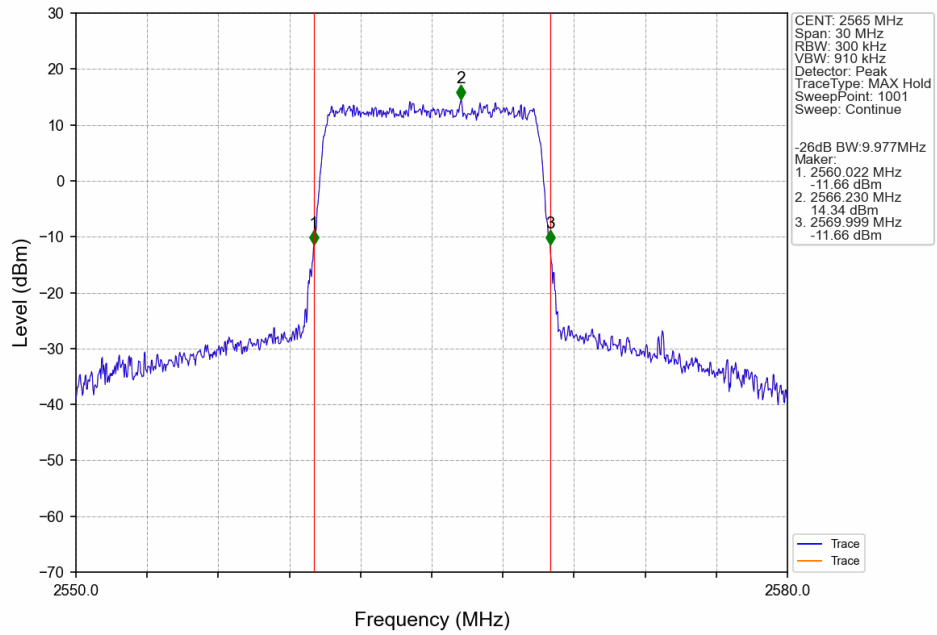
Band7\_10MHz\_64QAM\_LCH\_2505MHz\_RB\_50\_0\_NTNV



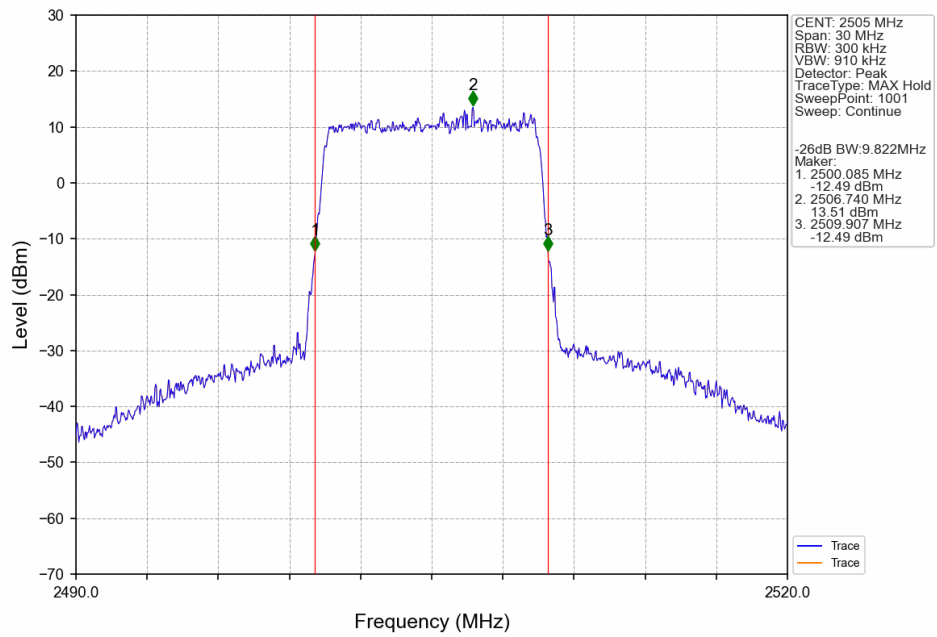
Band7\_10MHz\_64QAM\_MCH\_2535MHz\_RB\_50\_0\_NTNV



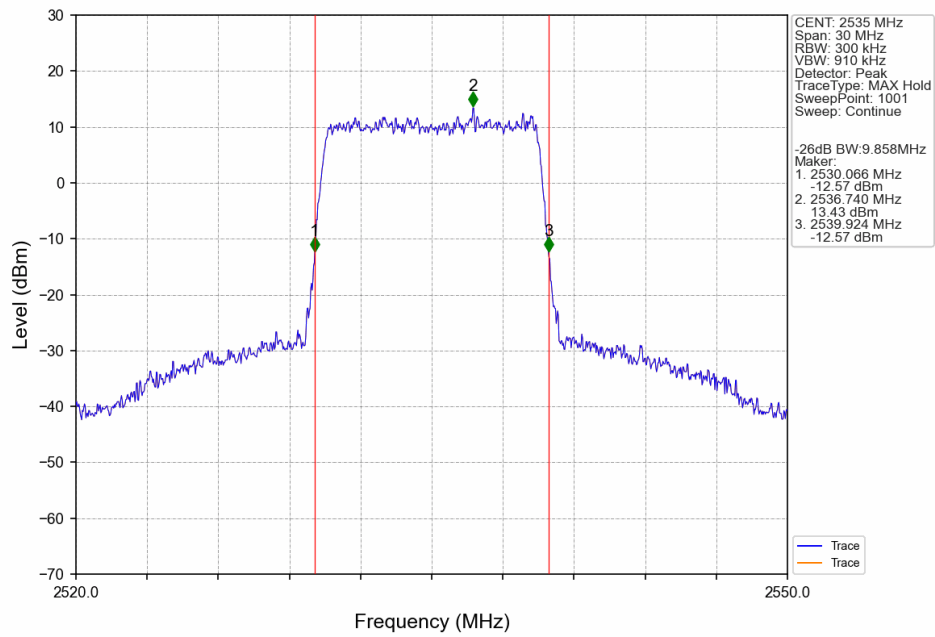
Band7\_10MHz\_64QAM\_HCH\_2565MHz\_RB\_50\_0\_NTNV



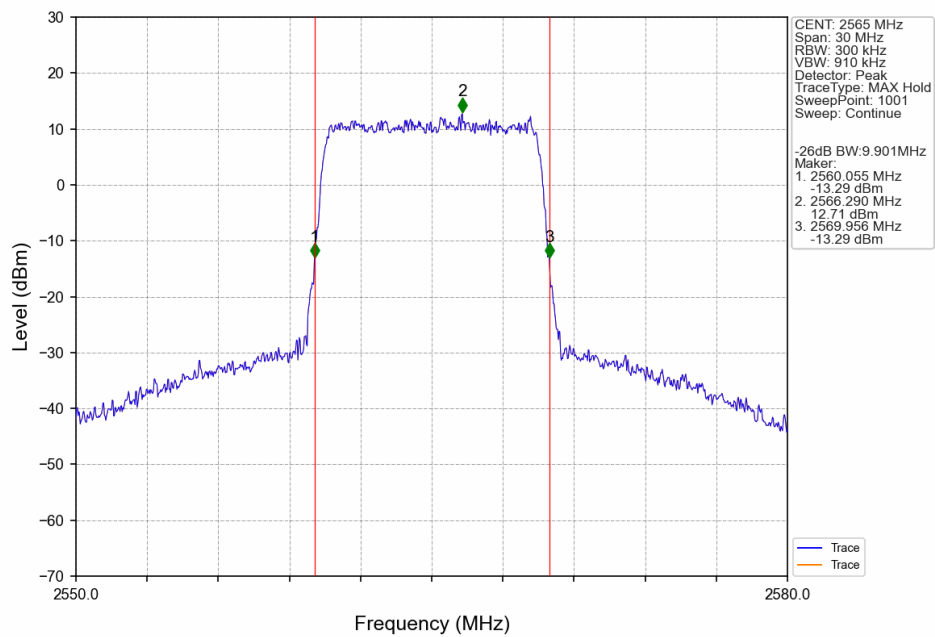
Band7\_10MHz\_256QAM\_LCH\_2505MHz\_RB\_50\_0\_NTNV



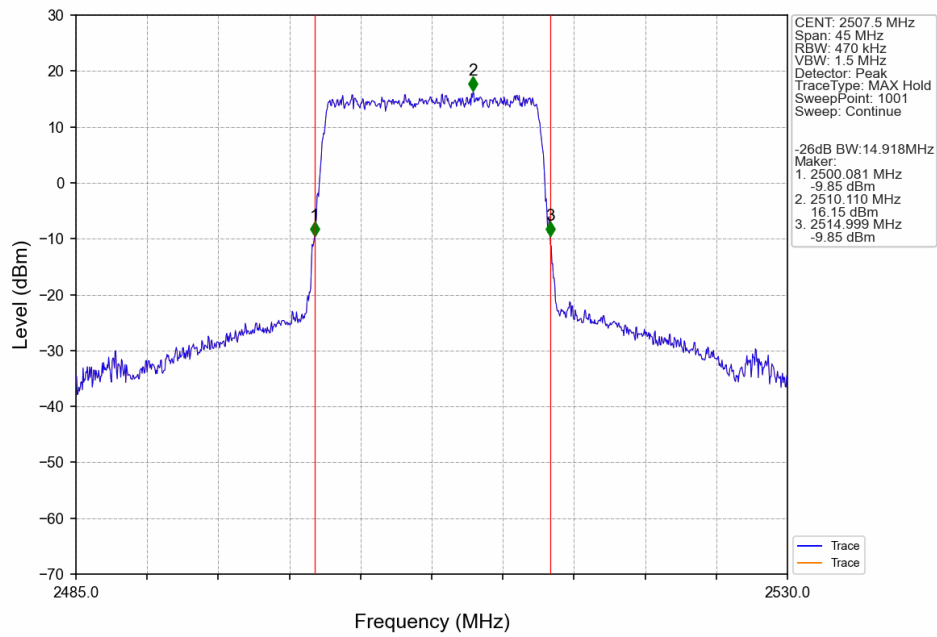
Band7\_10MHz\_256QAM\_MCH\_2535MHz\_RB\_50\_0\_NTNV



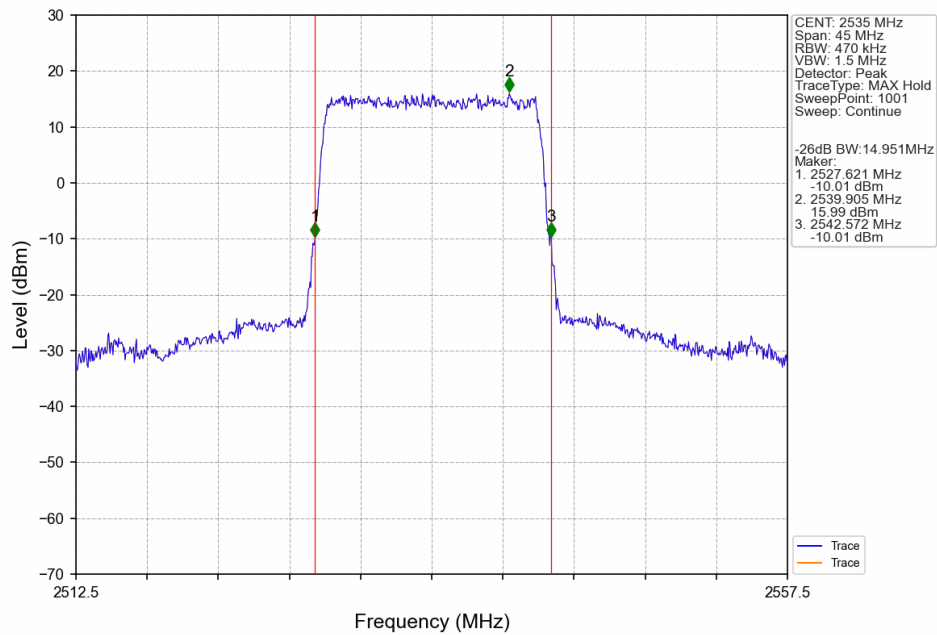
Band7\_10MHz\_256QAM\_HCH\_2565MHz\_RB\_50\_0\_NTNV



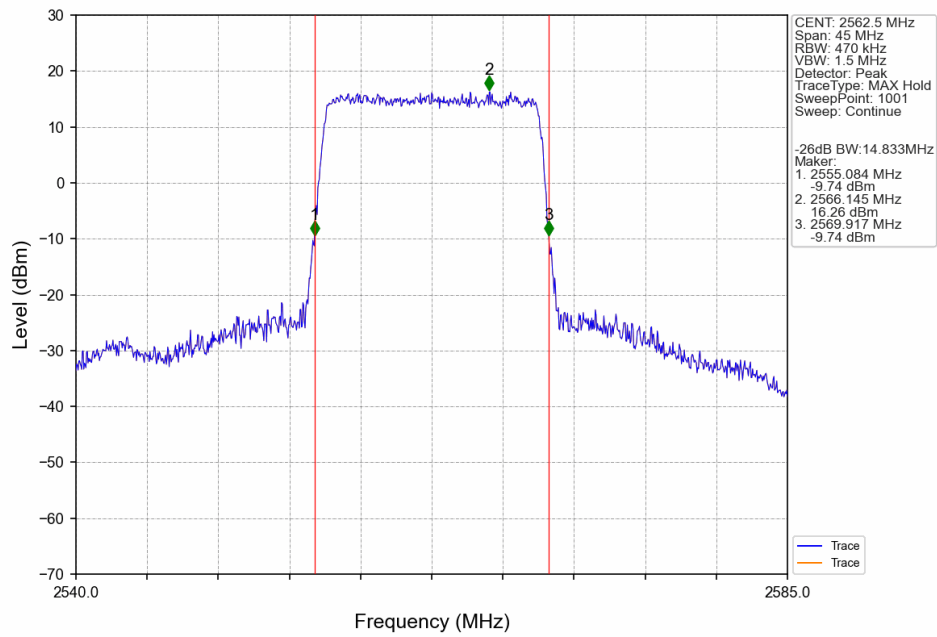
# Band7\_15MHz\_QPSK\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV



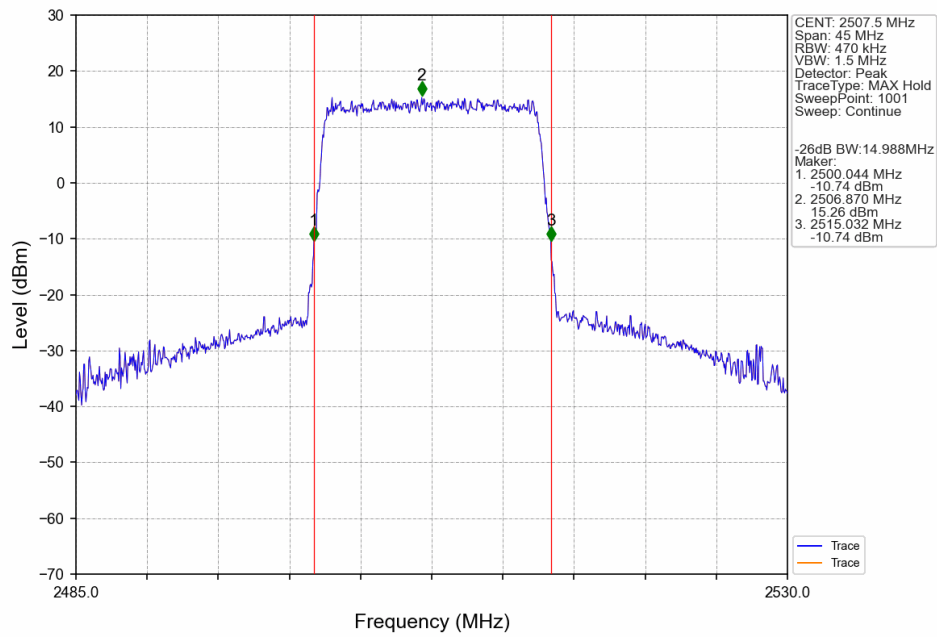
# Band7\_15MHz\_QPSK\_MCH\_2535MHz\_RB\_75\_0\_NTNV



Band7\_15MHz\_QPSK\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV

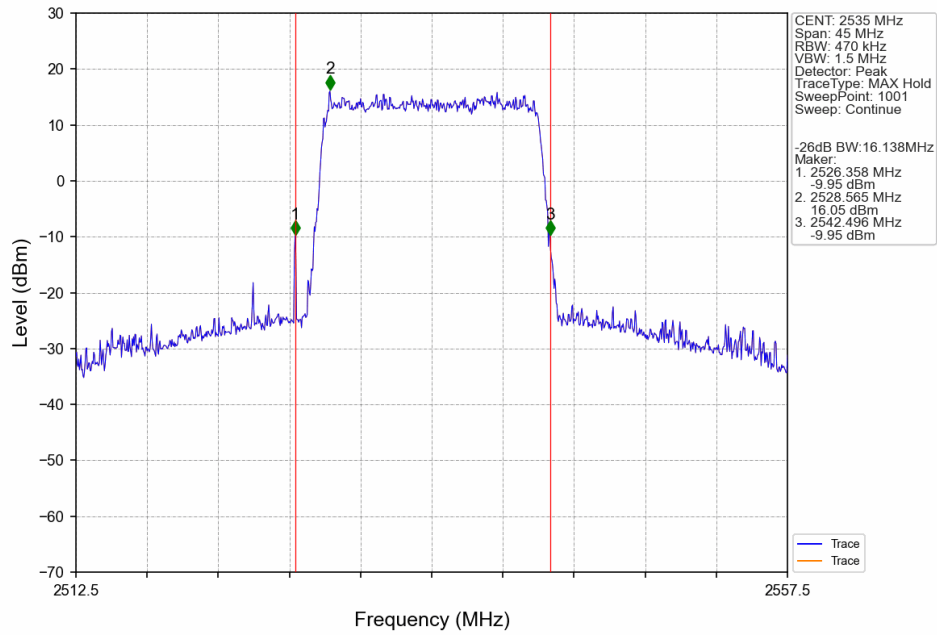


Band7\_15MHz\_16QAM\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV

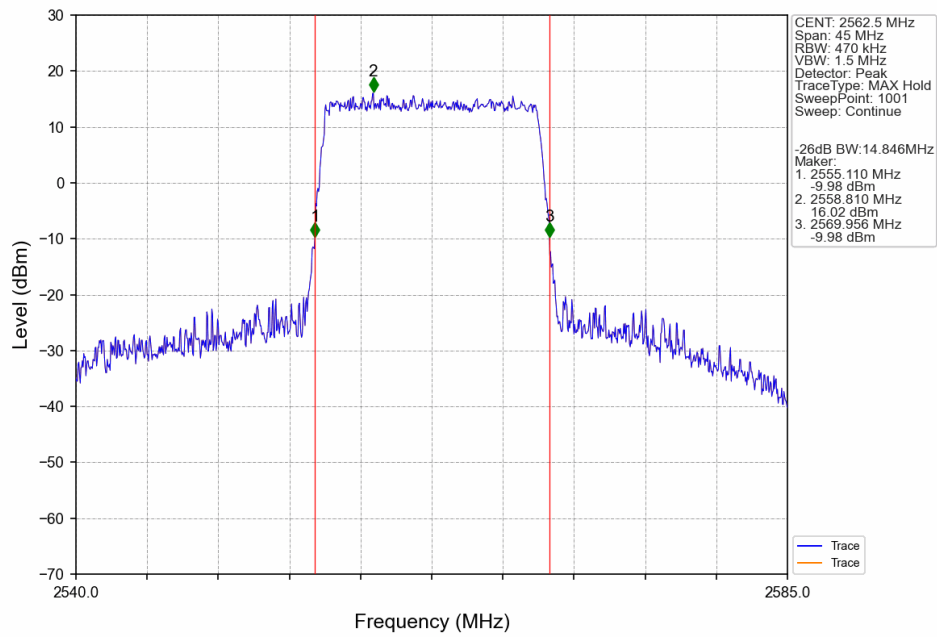




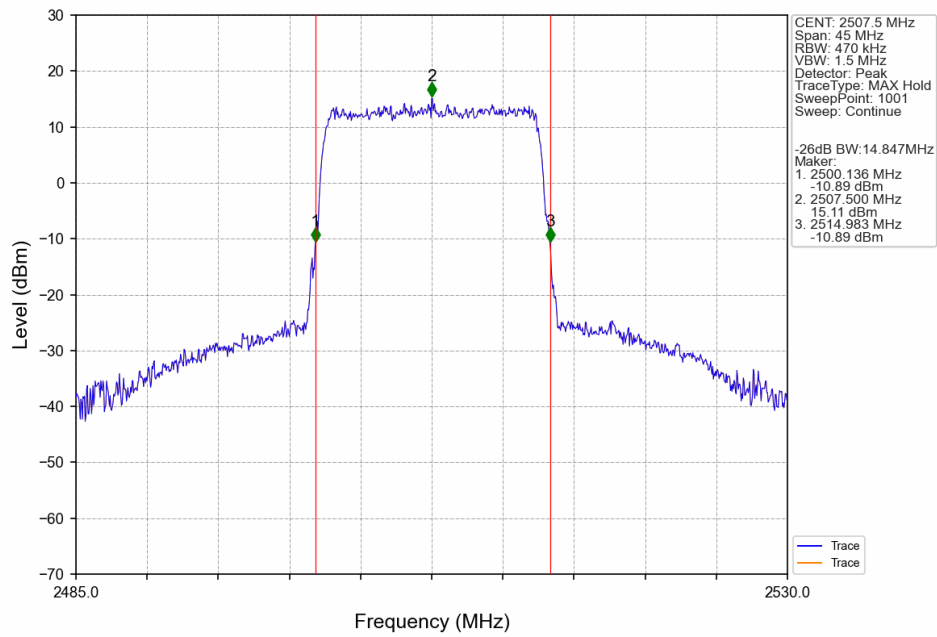
Band7\_15MHz\_16QAM\_MCH\_2535MHz\_RB\_75\_0\_NTNV



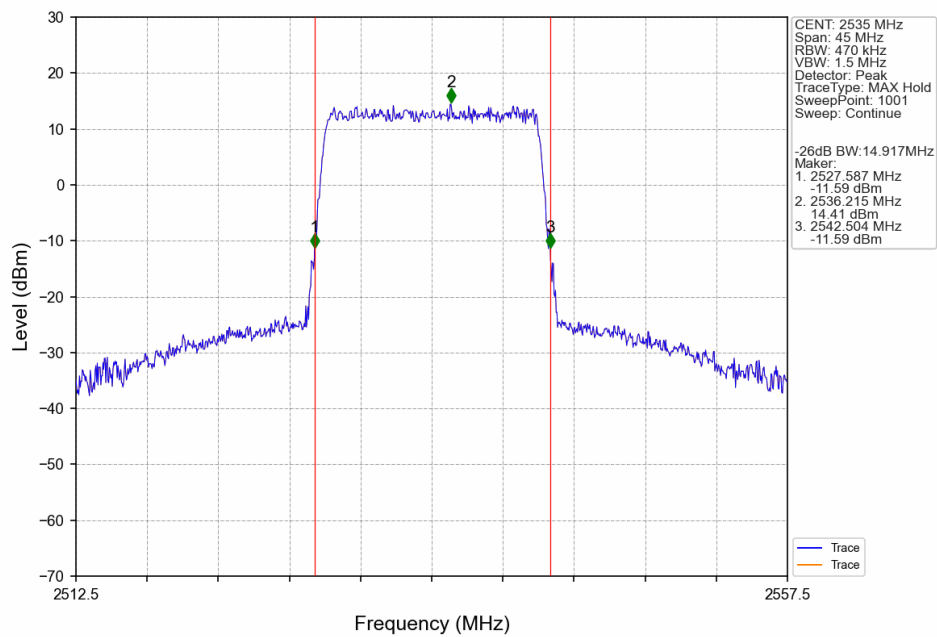
Band7\_15MHz\_16QAM\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV



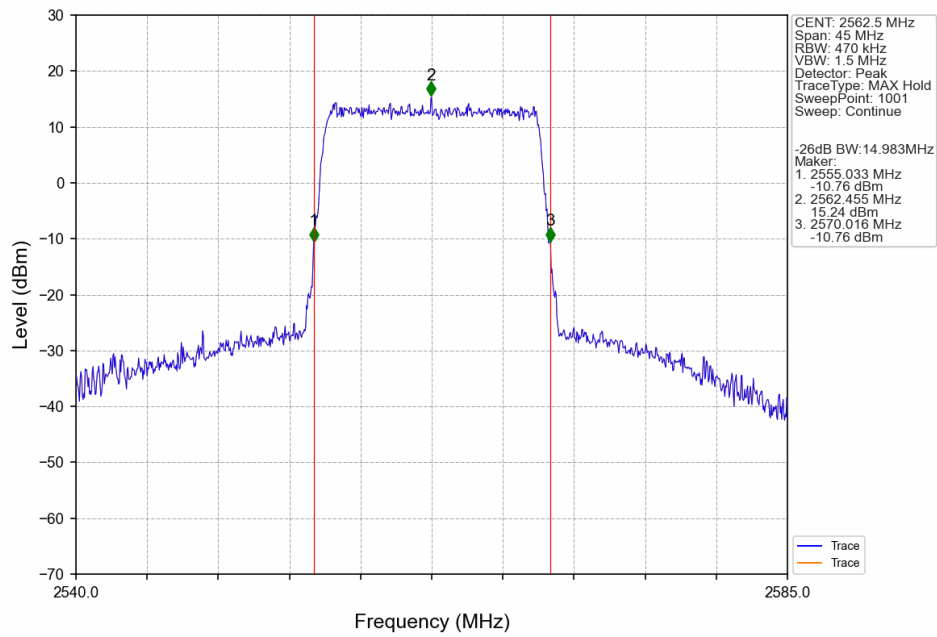
Band7\_15MHz\_64QAM\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV



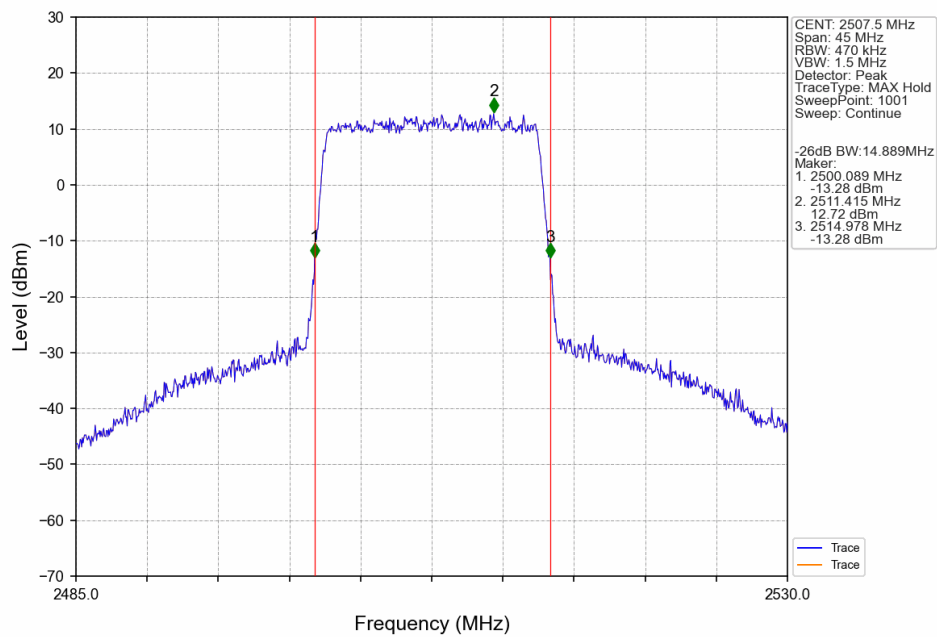
Band7\_15MHz\_64QAM\_MCH\_2535MHz\_RB\_75\_0\_NTNV



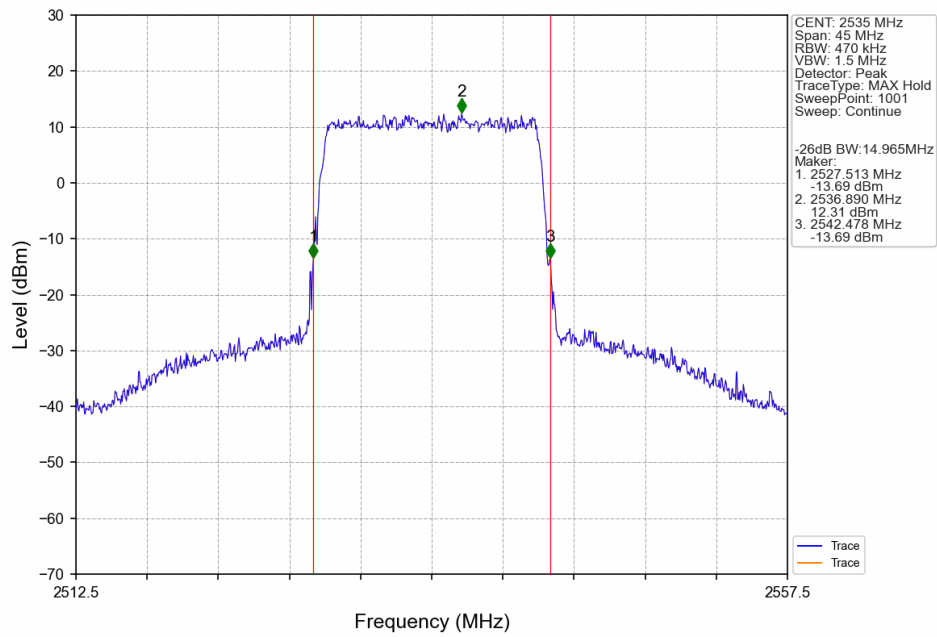
Band7\_15MHz\_64QAM\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV



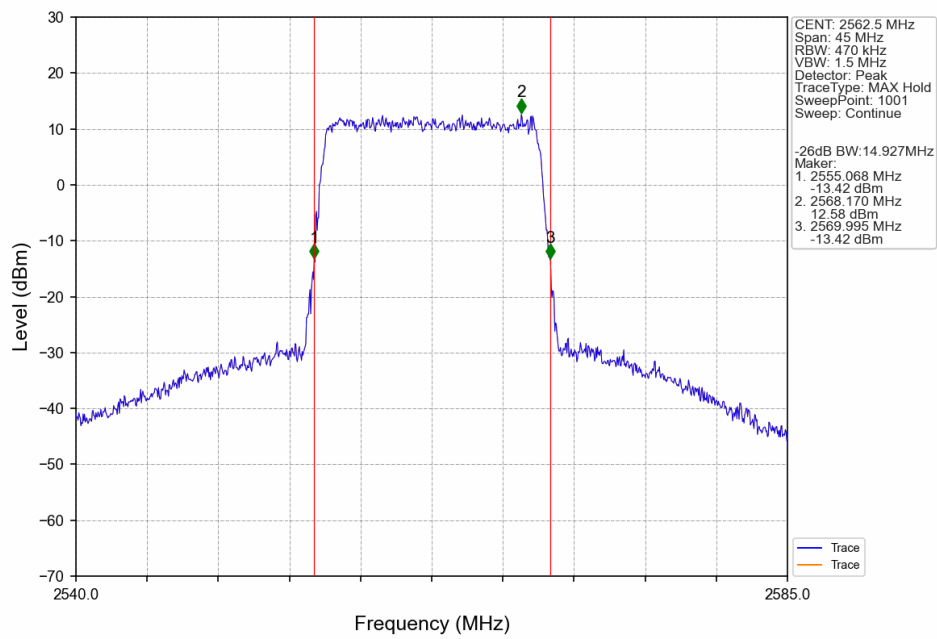
Band7\_15MHz\_256QAM\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV



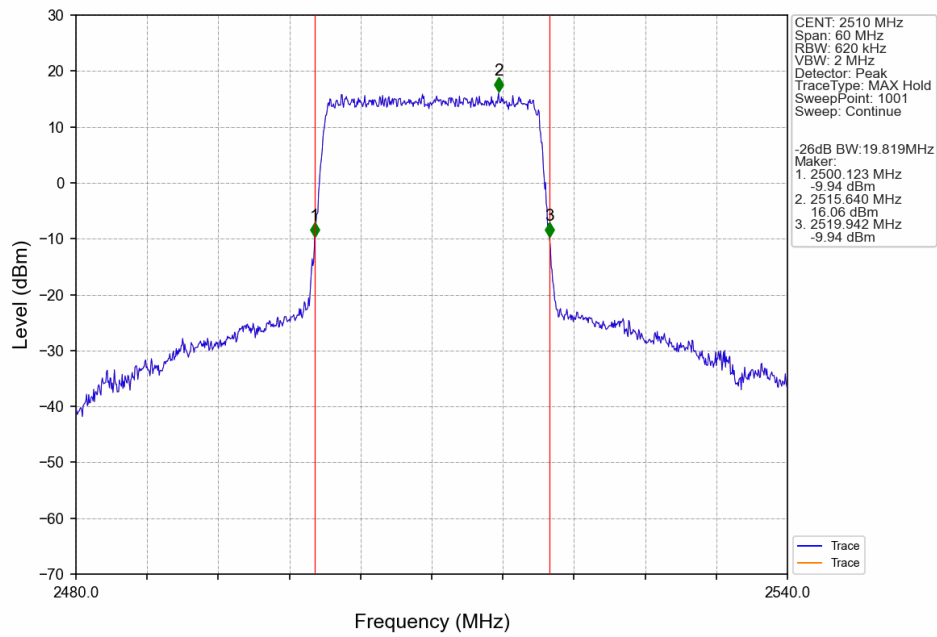
Band7\_15MHz\_256QAM\_MCH\_2535MHz\_RB\_75\_0\_NTNV



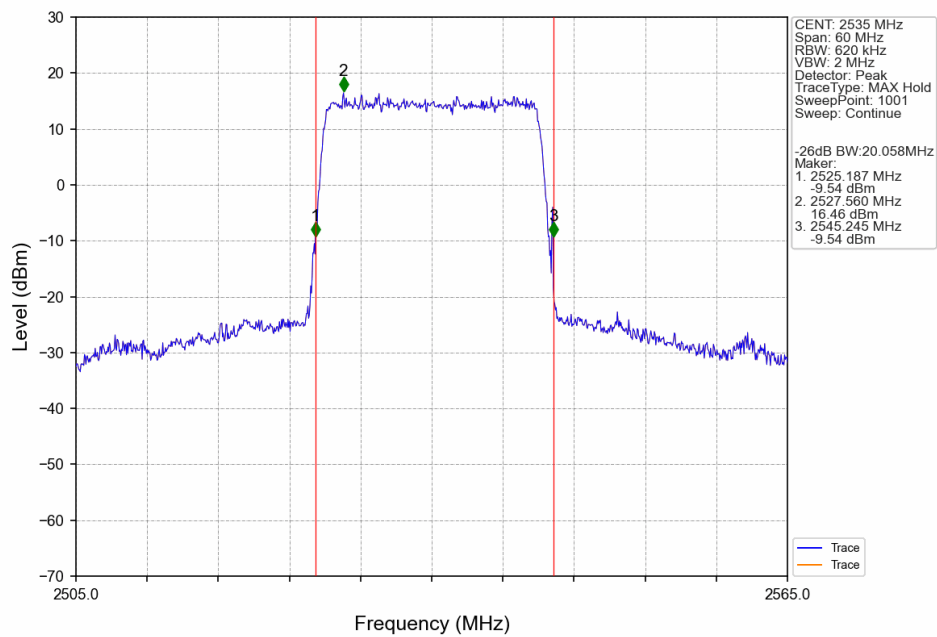
Band7\_15MHz\_256QAM\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV



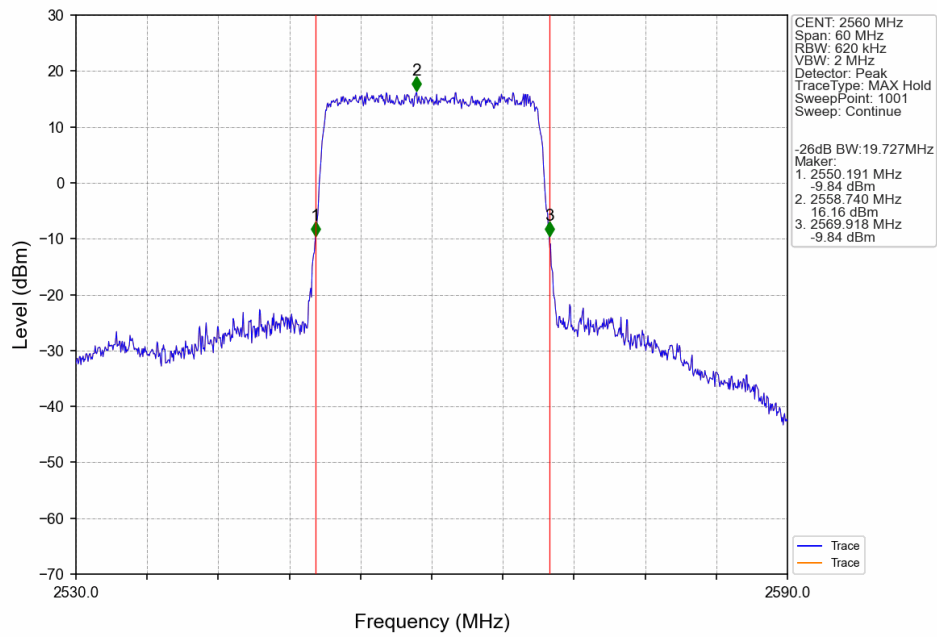
Band7\_20MHz\_QPSK\_LCH\_2510MHz\_RB\_100\_0\_NTNV



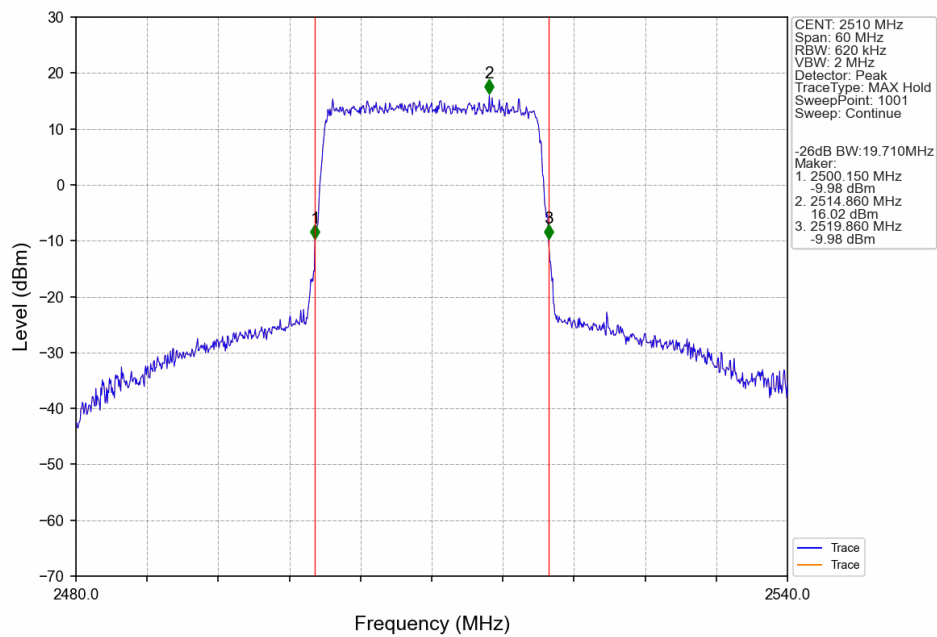
Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_100\_0\_NTNV



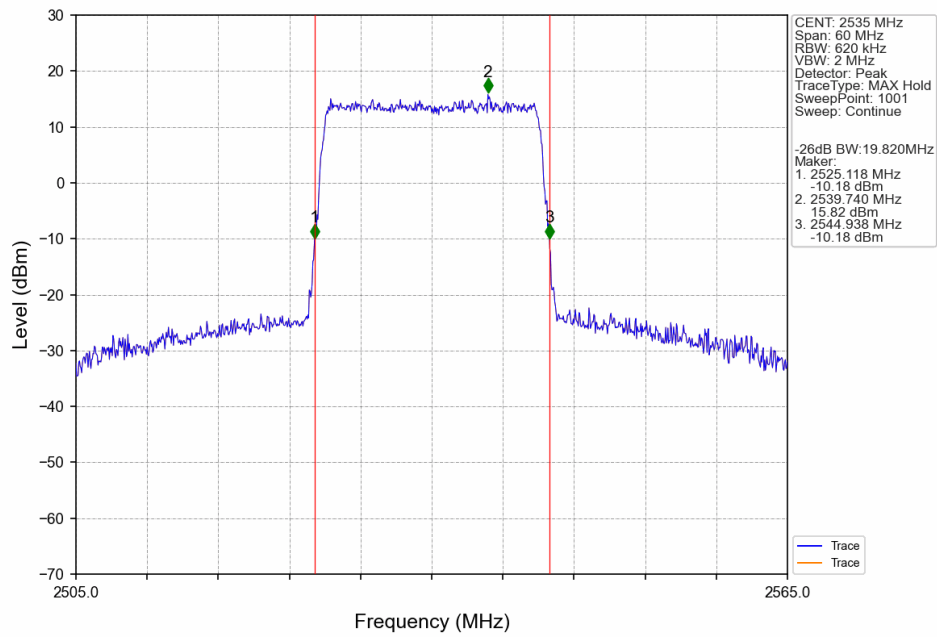
Band7\_20MHz\_QPSK\_HCH\_2560MHz\_RB\_100\_0\_NTNV



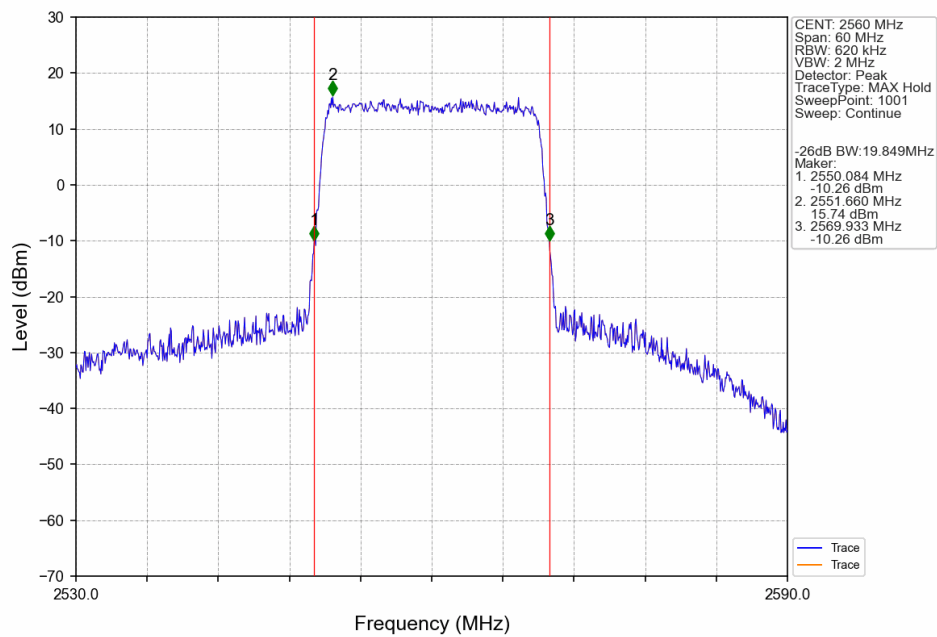
Band7\_20MHz\_16QAM\_LCH\_2510MHz\_RB\_100\_0\_NTNV



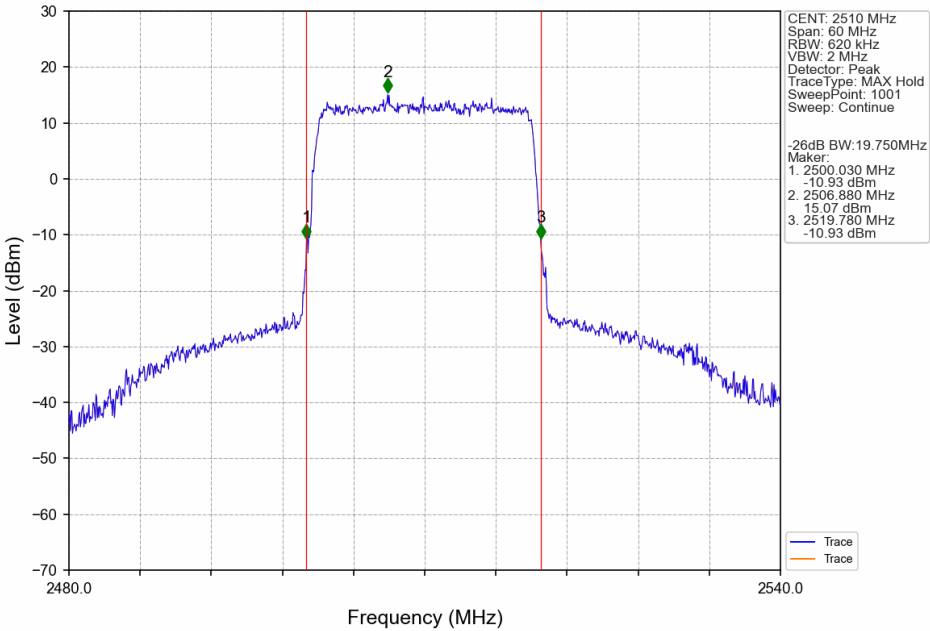
Band7\_20MHz\_16QAM\_MCH\_2535MHz\_RB\_100\_0\_NTNV



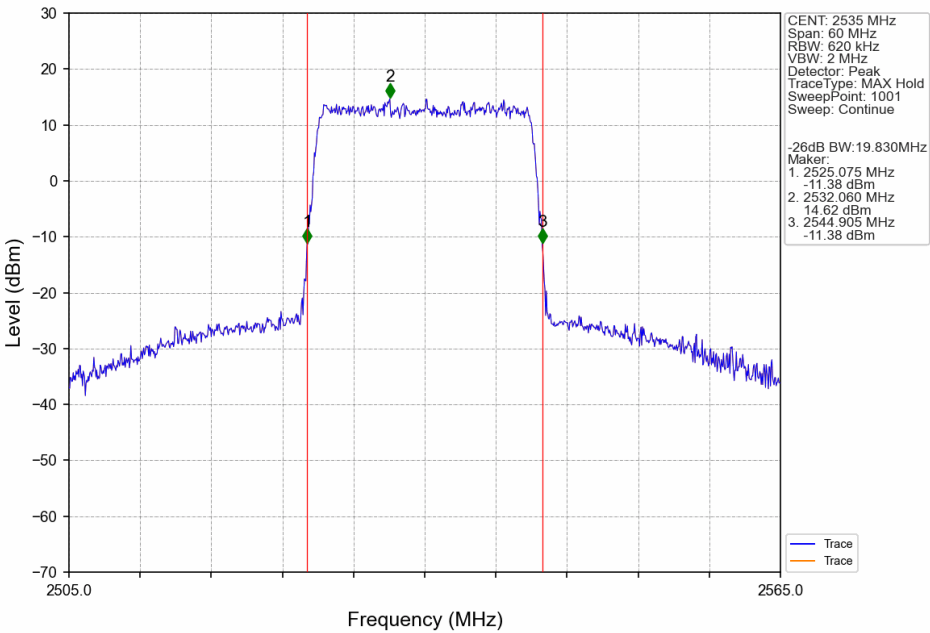
Band7\_20MHz\_16QAM\_HCH\_2560MHz\_RB\_100\_0\_NTNV



Band7\_20MHz\_64QAM\_LCH\_2510MHz\_RB\_100\_0\_NTNV

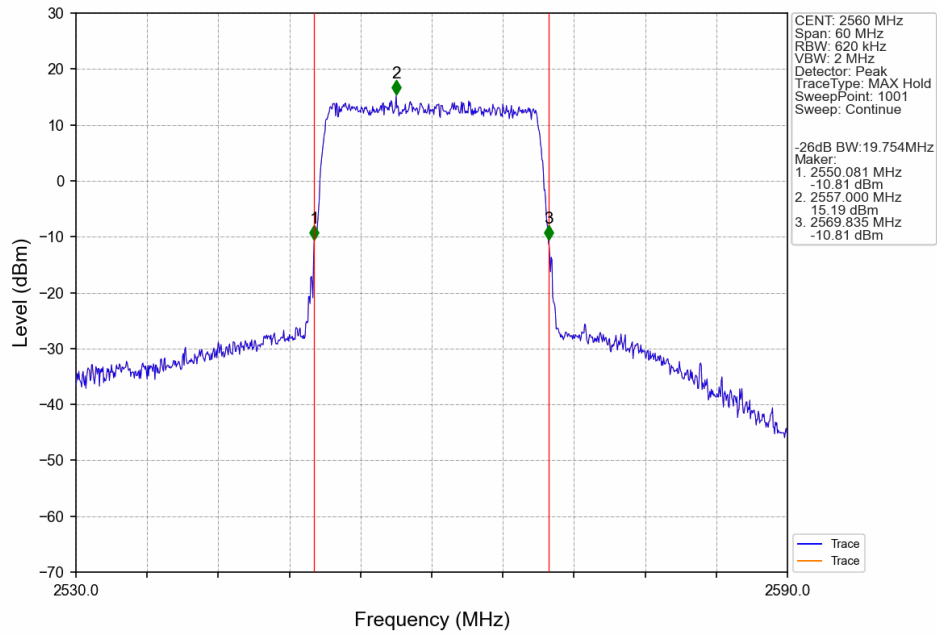


Band7\_20MHz\_64QAM\_MCH\_2535MHz\_RB\_100\_0\_NTNV

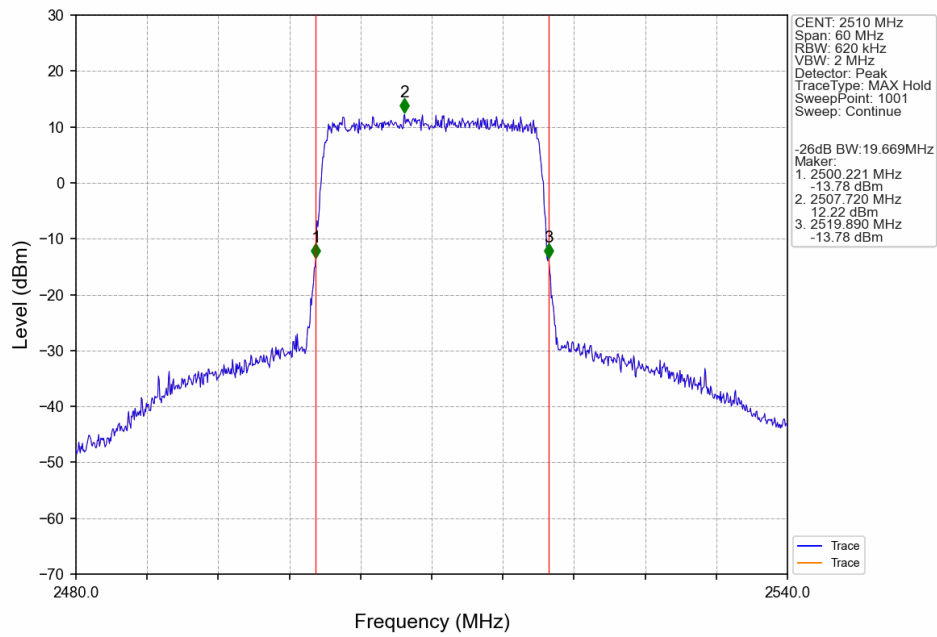




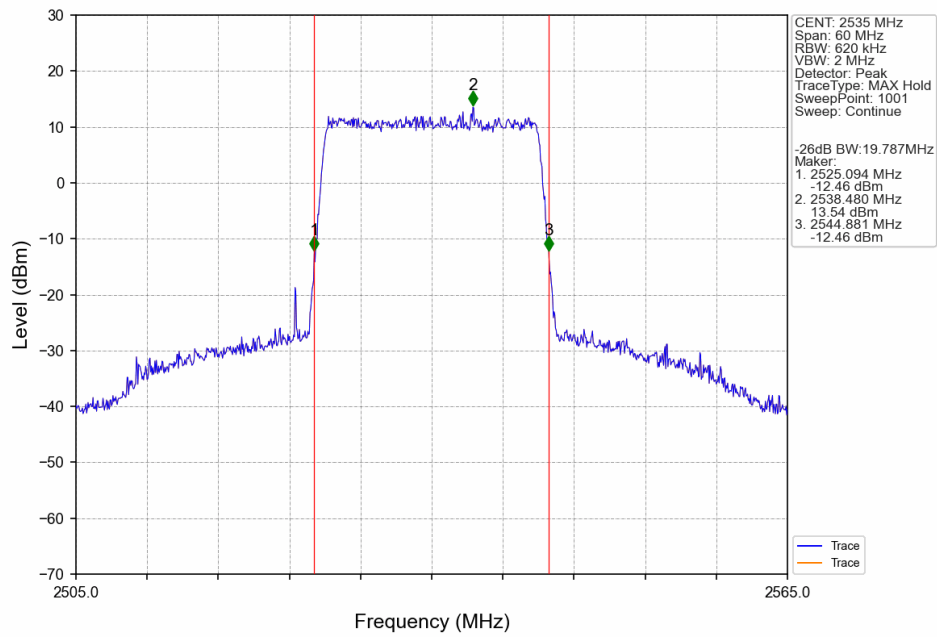
Band7\_20MHz\_64QAM\_HCH\_2560MHz\_RB\_100\_0\_NTNV



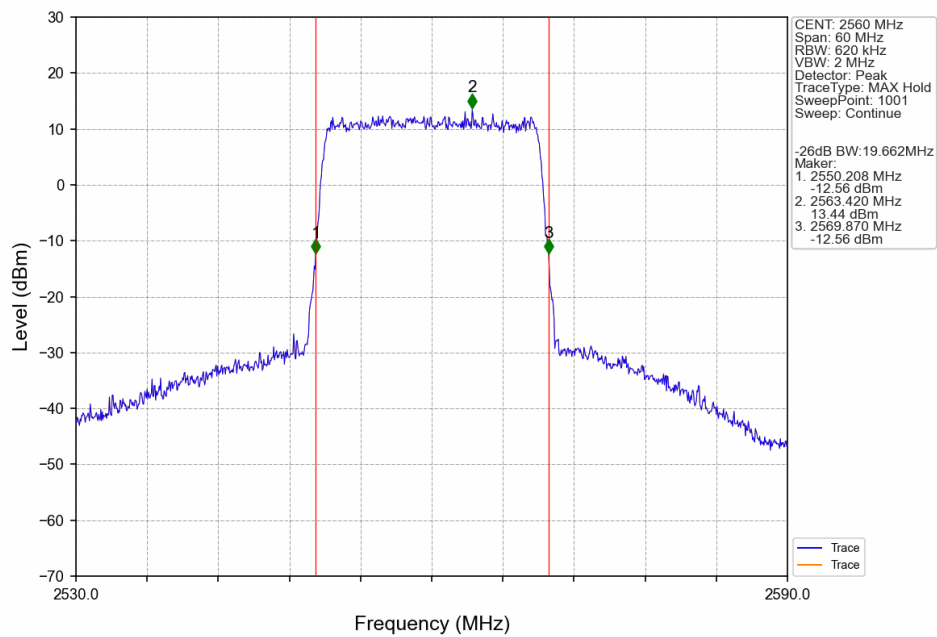
Band7\_20MHz\_256QAM\_LCH\_2510MHz\_RB\_100\_0\_NTNV



Band7\_20MHz\_256QAM\_MCH\_2535MHz\_RB\_100\_0\_NTNV



Band7\_20MHz\_256QAM\_HCH\_2560MHz\_RB\_100\_0\_NTNV



## 4. Peak-Average Ratio

### 4.1 Test Result

#### 4.1.1 B7\_5MHz

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	25	0	5.86	<=13	Pass
	2535	25	0	5.93	<=13	Pass
	2567.5	25	0	5.66	<=13	Pass
16QAM	2502.5	25	0	6.57	<=13	Pass
	2535	25	0	6.59	<=13	Pass
	2567.5	25	0	6.34	<=13	Pass
64QAM	2502.5	25	0	6.83	<=13	Pass
	2535	25	0	6.84	<=13	Pass
	2567.5	25	0	6.66	<=13	Pass
256QAM	2502.5	25	0	6.91	<=13	Pass
	2535	25	0	6.98	<=13	Pass
	2567.5	25	0	6.90	<=13	Pass

#### 4.1.2 B7\_10MHz

Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	50	0	5.95	<=13	Pass
	2535	50	0	5.88	<=13	Pass
	2565	50	0	5.69	<=13	Pass
16QAM	2505	50	0	6.63	<=13	Pass
	2535	50	0	6.53	<=13	Pass
	2565	50	0	6.36	<=13	Pass
64QAM	2505	50	0	6.77	<=13	Pass
	2535	50	0	6.76	<=13	Pass
	2565	50	0	6.65	<=13	Pass
256QAM	2505	50	0	6.85	<=13	Pass
	2535	50	0	6.89	<=13	Pass
	2565	50	0	6.81	<=13	Pass

#### 4.1.3 B7\_15MHz

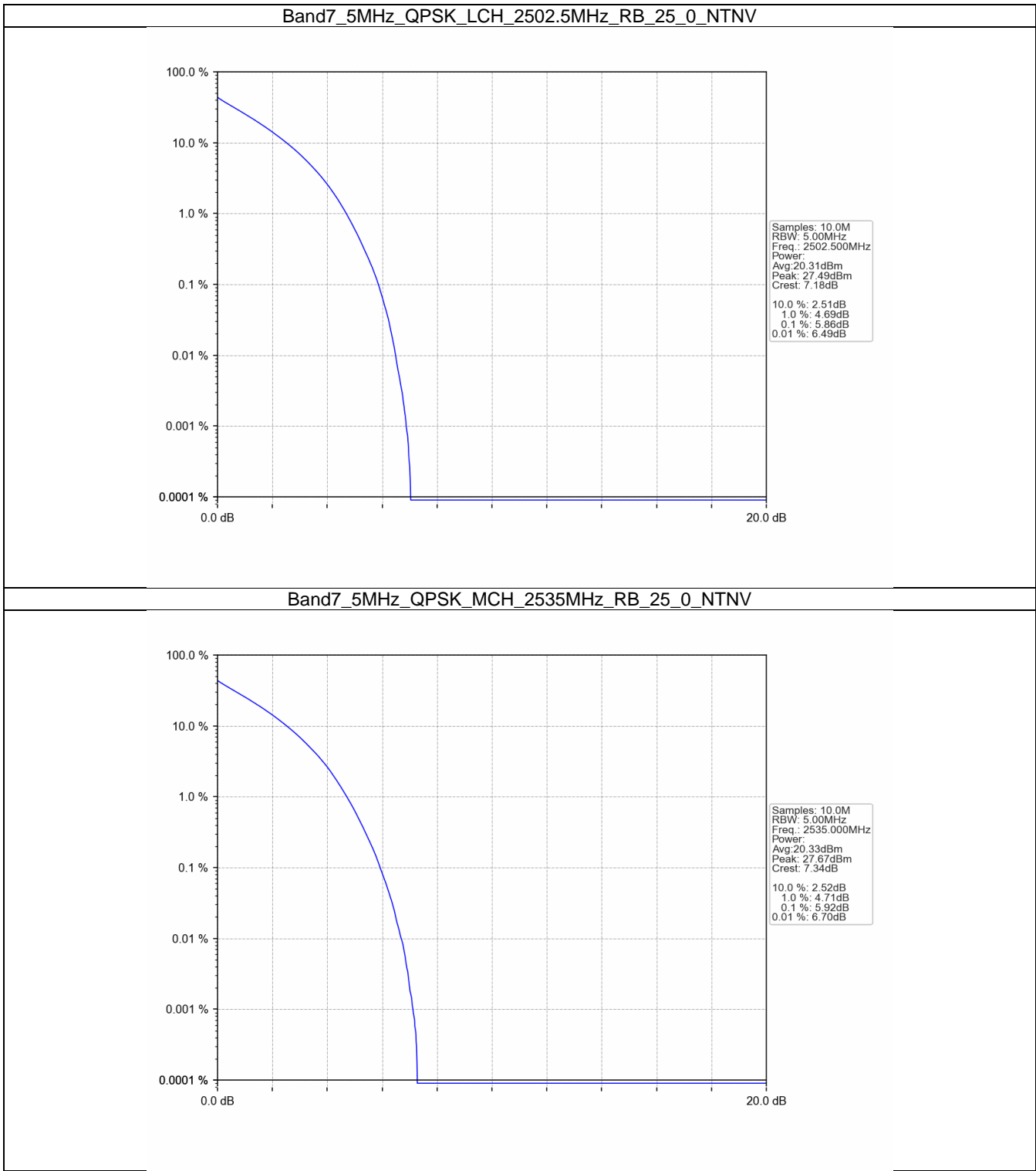
Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	75	0	5.86	<=13	Pass
	2535	75	0	5.83	<=13	Pass
	2562.5	75	0	5.64	<=13	Pass
16QAM	2507.5	75	0	6.56	<=13	Pass
	2535	75	0	6.49	<=13	Pass
	2562.5	75	0	6.39	<=13	Pass
64QAM	2507.5	75	0	6.83	<=13	Pass
	2535	75	0	6.82	<=13	Pass
	2562.5	75	0	6.69	<=13	Pass
256QAM	2507.5	75	0	6.92	<=13	Pass
	2535	75	0	7.00	<=13	Pass
	2562.5	75	0	6.90	<=13	Pass

#### 4.1.4 B7\_20MHz

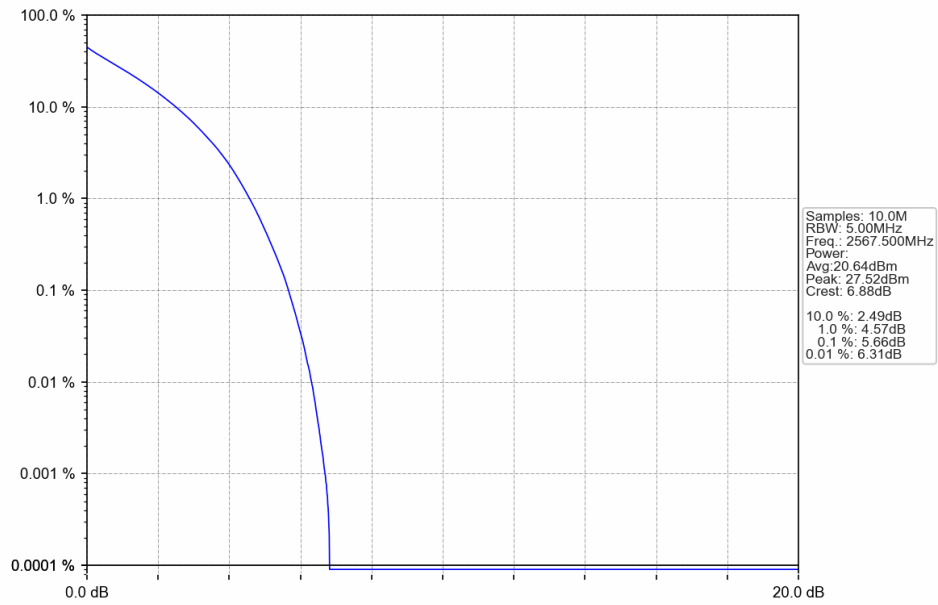
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.81	<=13	Pass
	2535	100	0	5.79	<=13	Pass
	2560	100	0	5.57	<=13	Pass
16QAM	2510	100	0	6.58	<=13	Pass
	2535	100	0	6.56	<=13	Pass
	2560	100	0	6.35	<=13	Pass
64QAM	2510	100	0	6.79	<=13	Pass
	2535	100	0	6.78	<=13	Pass
	2560	100	0	6.65	<=13	Pass
256QAM	2510	100	0	6.89	<=13	Pass
	2535	100	0	6.95	<=13	Pass
	2560	100	0	6.86	<=13	Pass

# 4.2 Test Graph

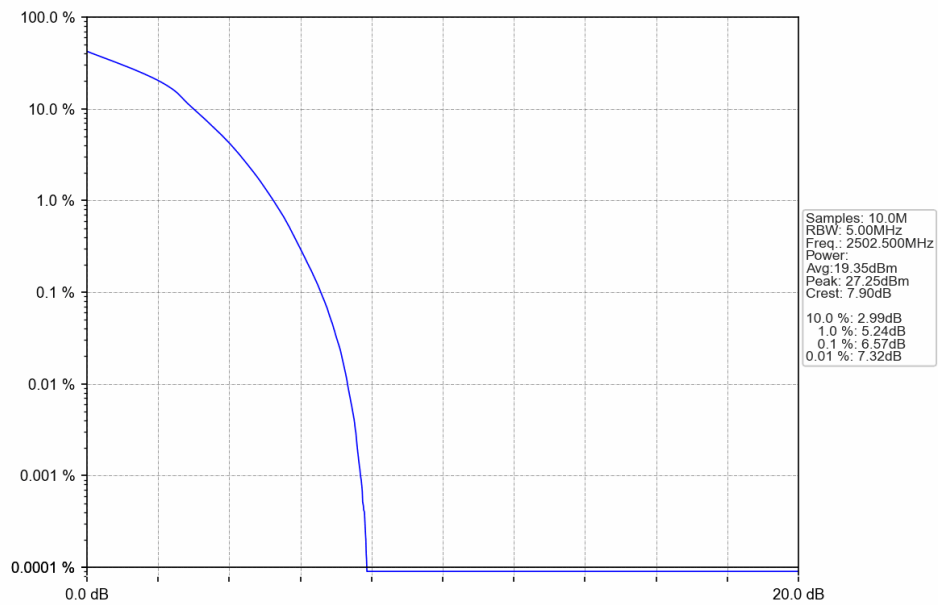
## 4.2.1 B7\_5MHz



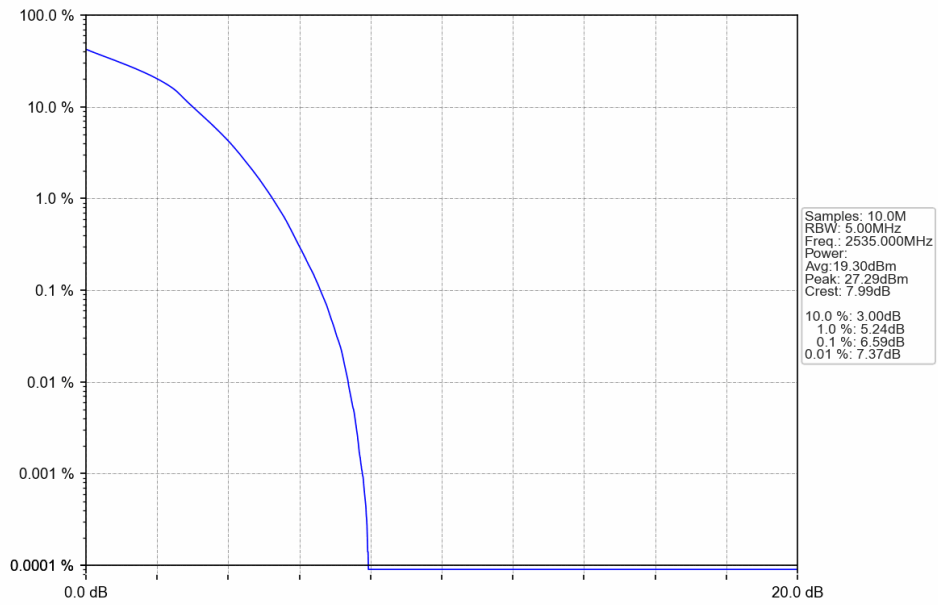
Band7\_5MHz\_QPSK\_HCH\_2567.5MHz\_RB\_25\_0\_NTNV



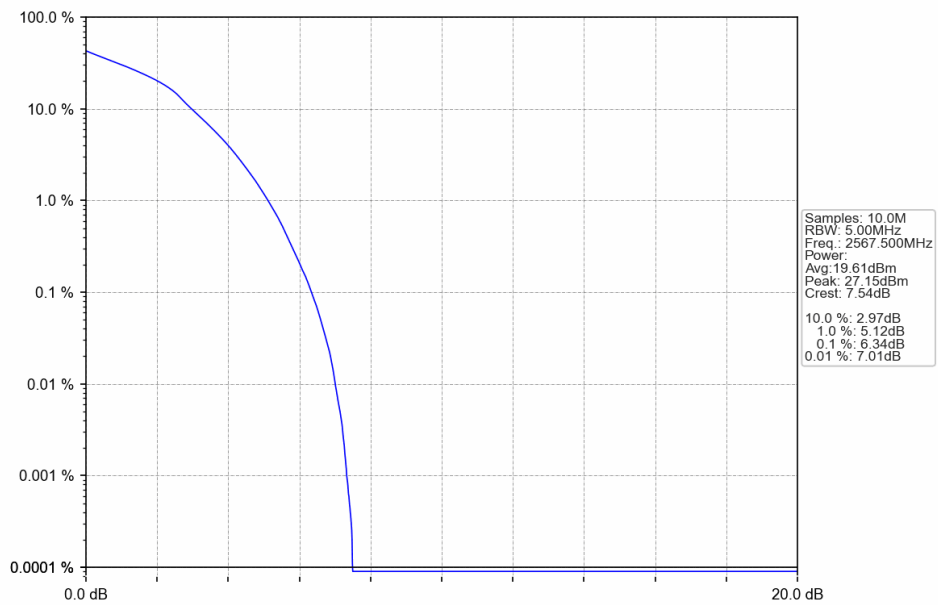
Band7\_5MHz\_16QAM\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV



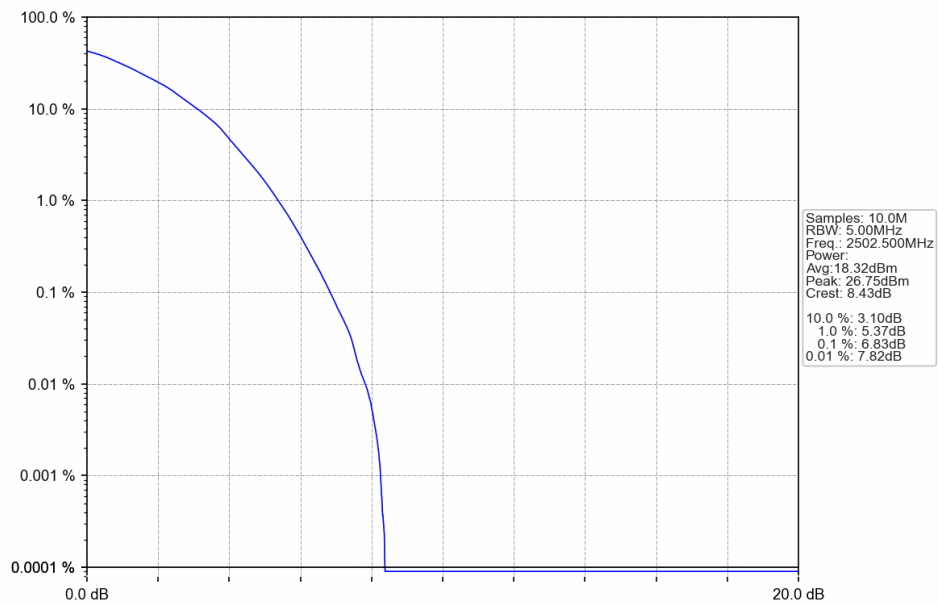
Band7\_5MHz\_16QAM\_MCH\_2535MHz\_RB\_25\_0\_NTNV



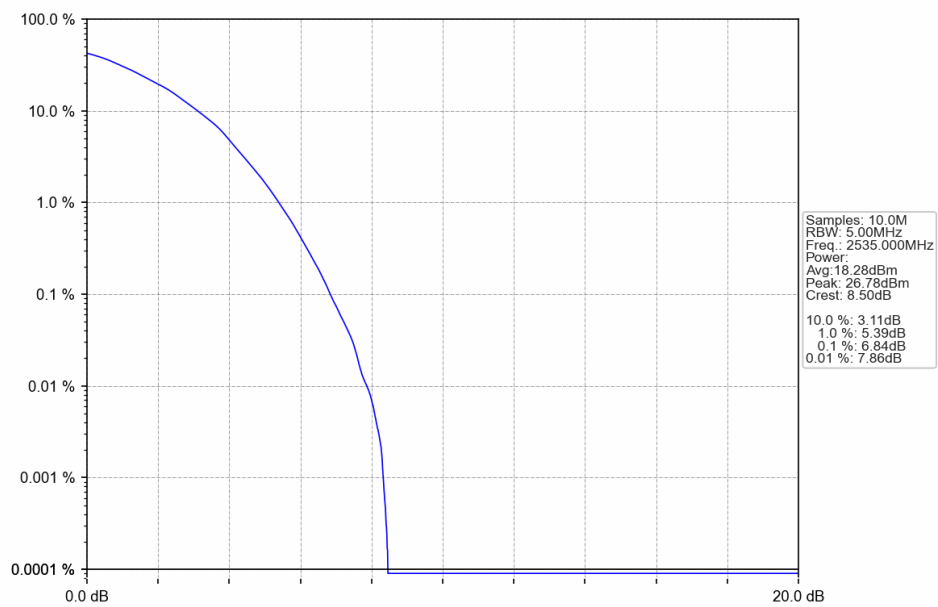
Band7\_5MHz\_16QAM\_HCH\_2567.5MHz\_RB\_25\_0\_NTNV



Band7\_5MHz\_64QAM\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV

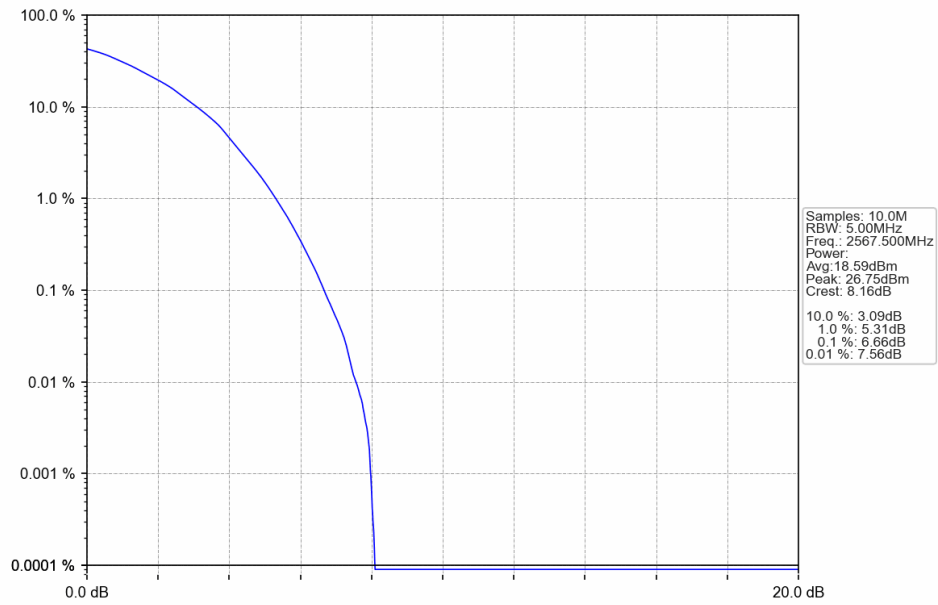


Band7\_5MHz\_64QAM\_MCH\_2535MHz\_RB\_25\_0\_NTNV

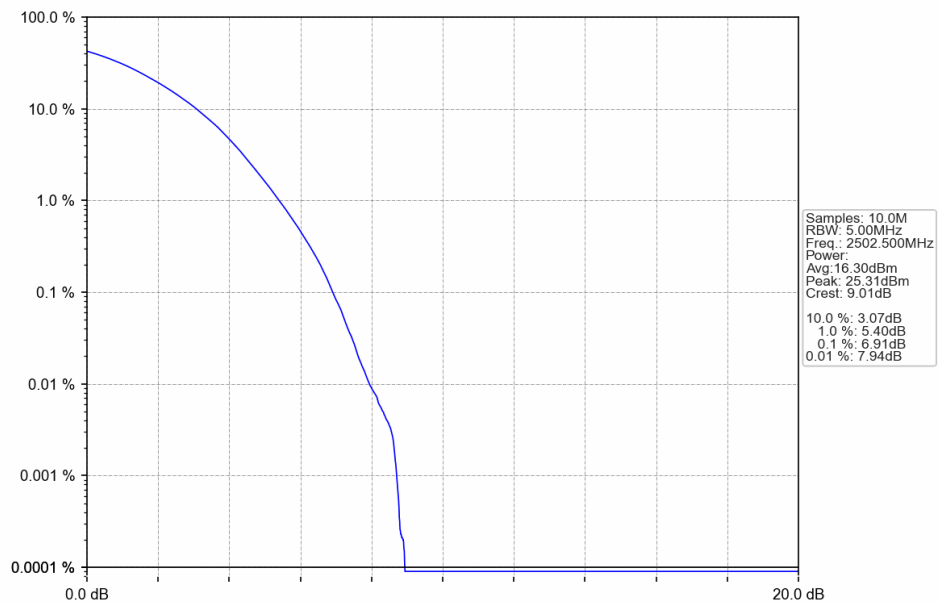




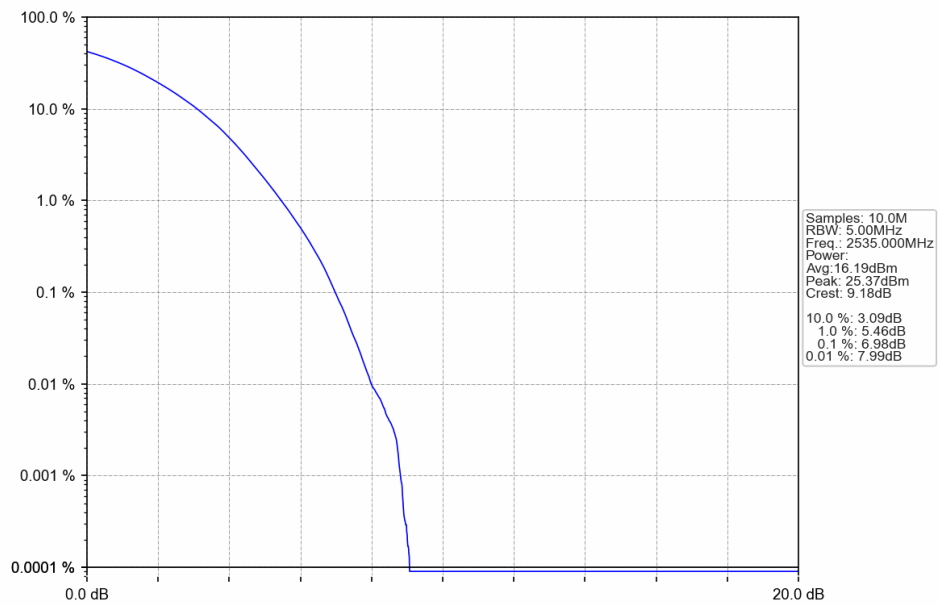
Band7\_5MHz\_64QAM\_HCH\_2567.5MHz\_RB\_25\_0\_NTNV



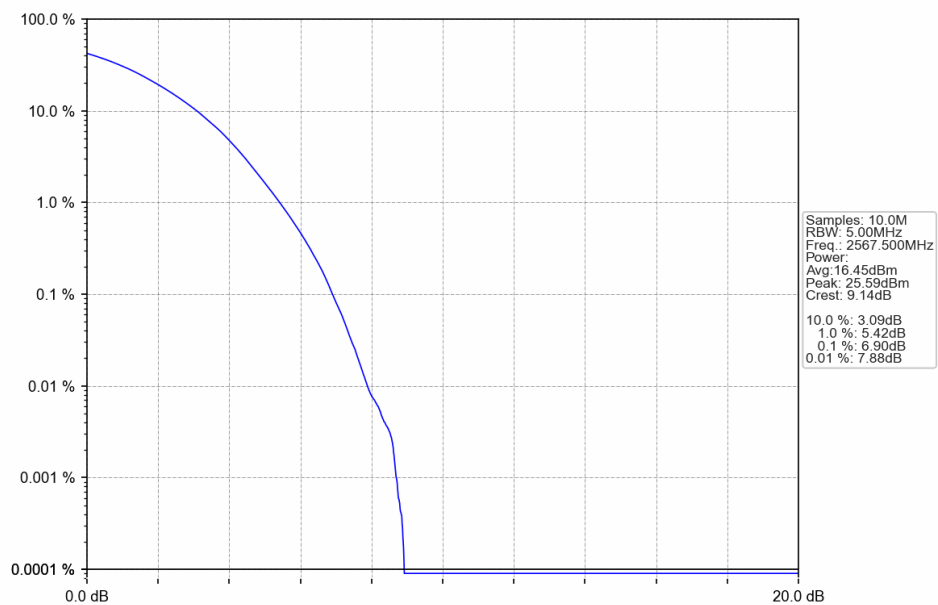
Band7\_5MHz\_256QAM\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV



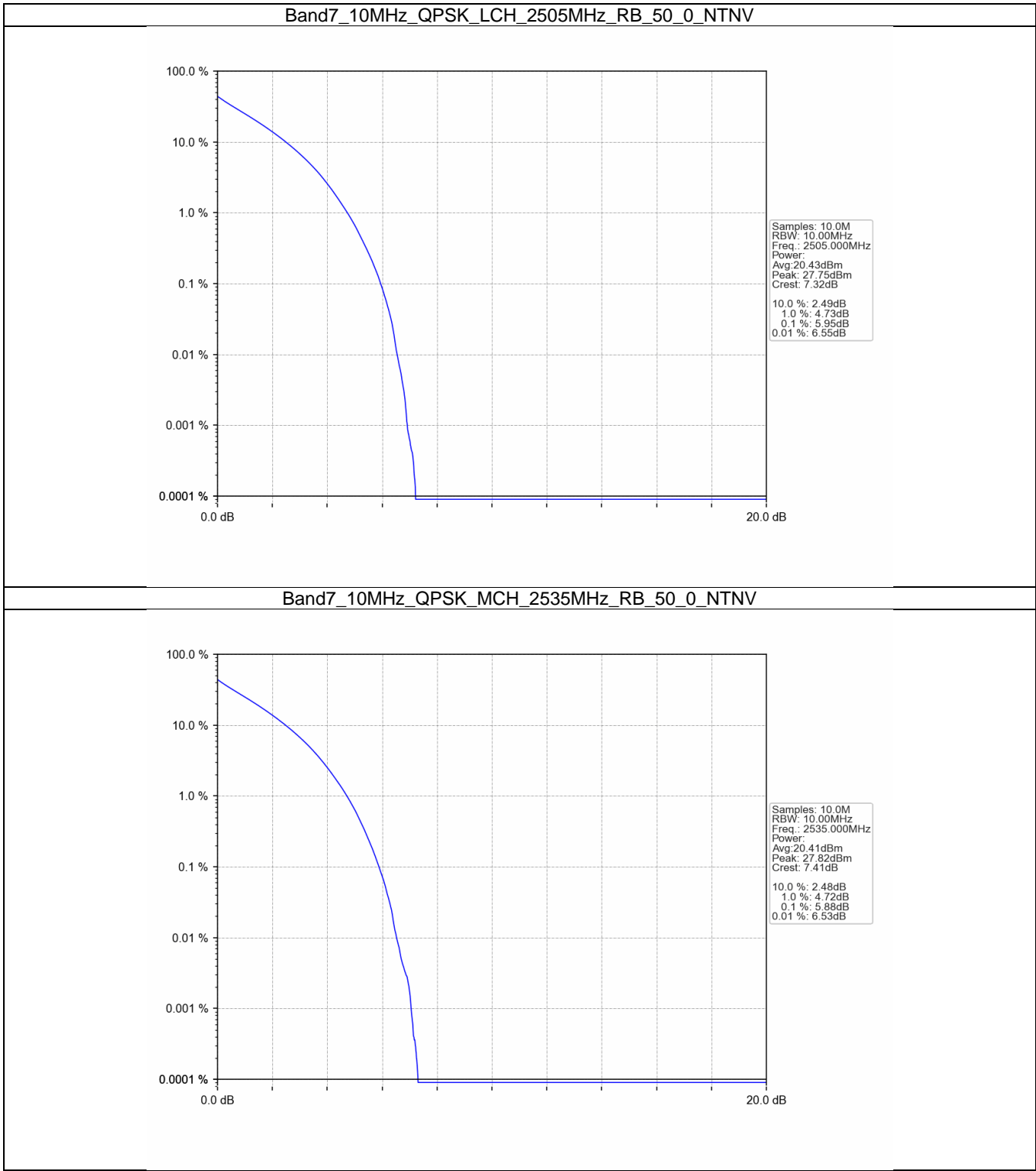
Band7\_5MHz\_256QAM\_MCH\_2535MHz\_RB\_25\_0\_NTNV



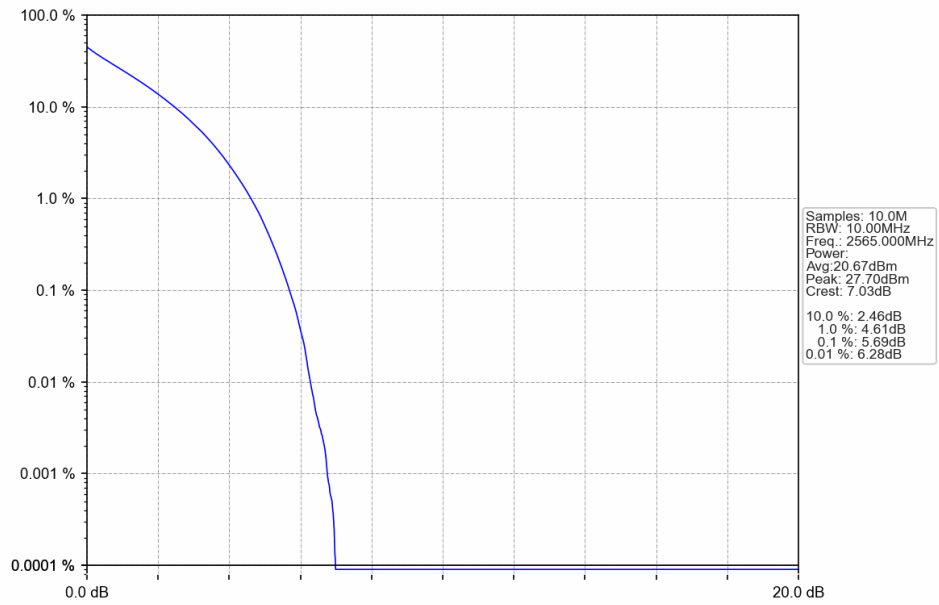
Band7\_5MHz\_256QAM\_HCH\_2567.5MHz\_RB\_25\_0\_NTNV



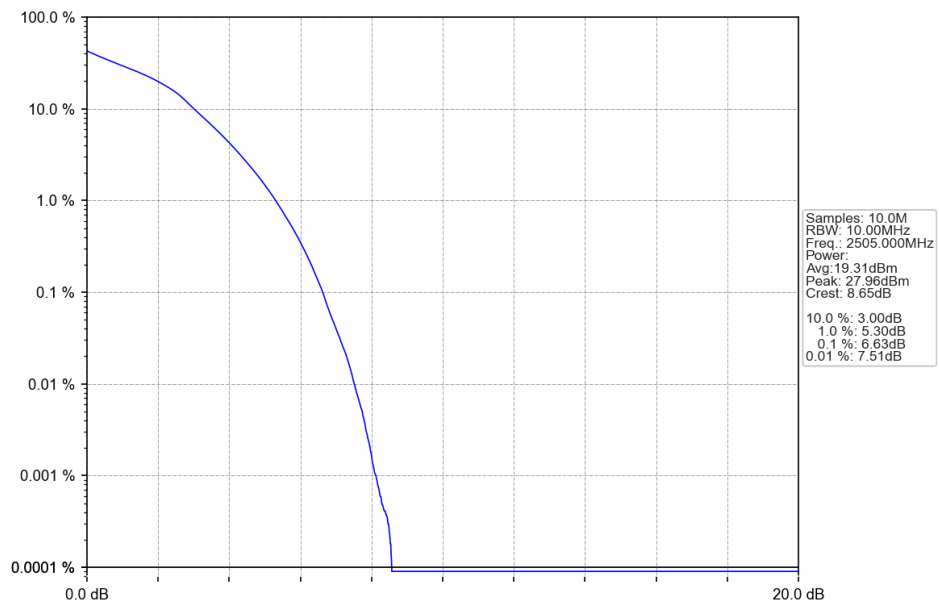
4.2.2 B7\_10MHz



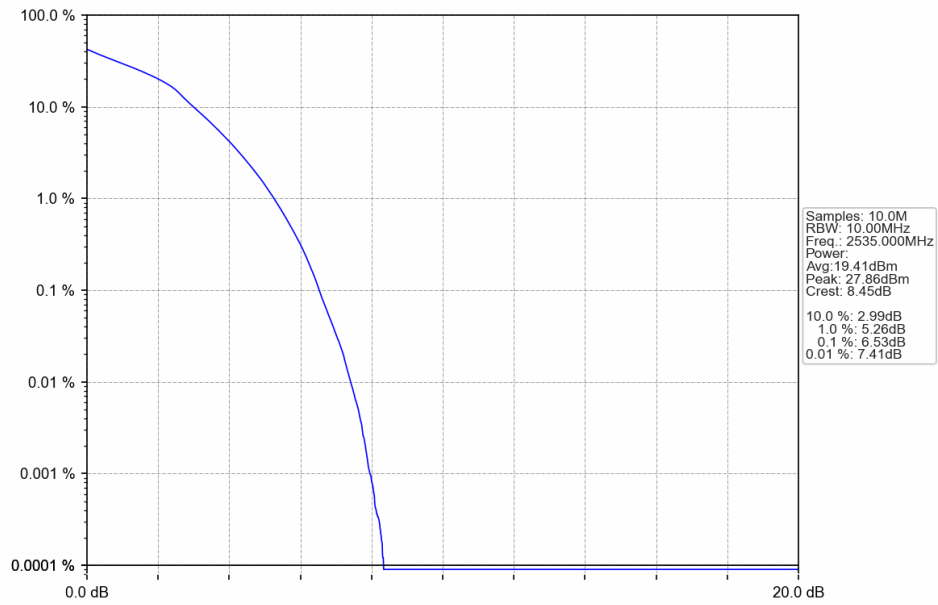
Band7\_10MHz\_QPSK\_HCH\_2565MHz\_RB\_50\_0\_NTNV



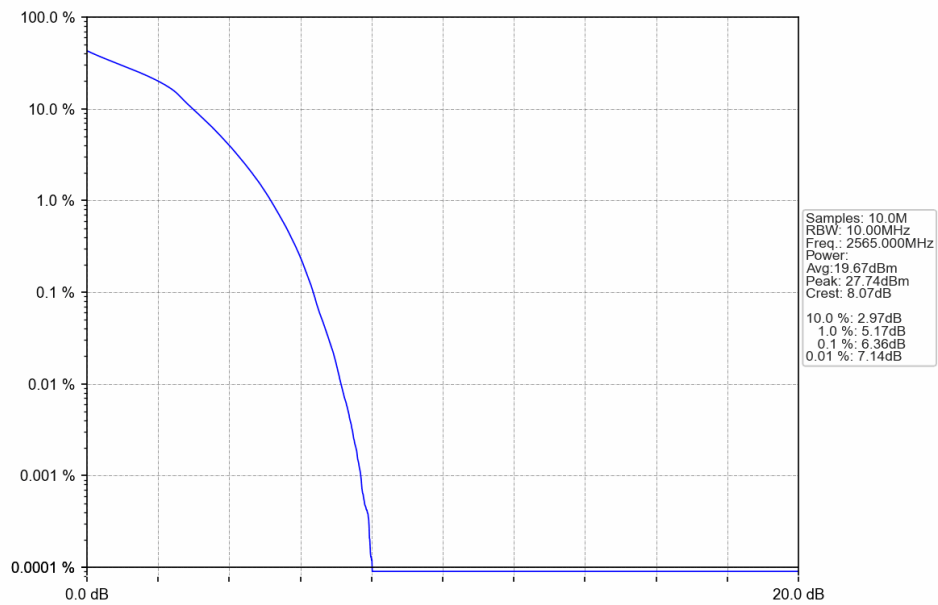
Band7\_10MHz\_16QAM\_LCH\_2505MHz\_RB\_50\_0\_NTNV



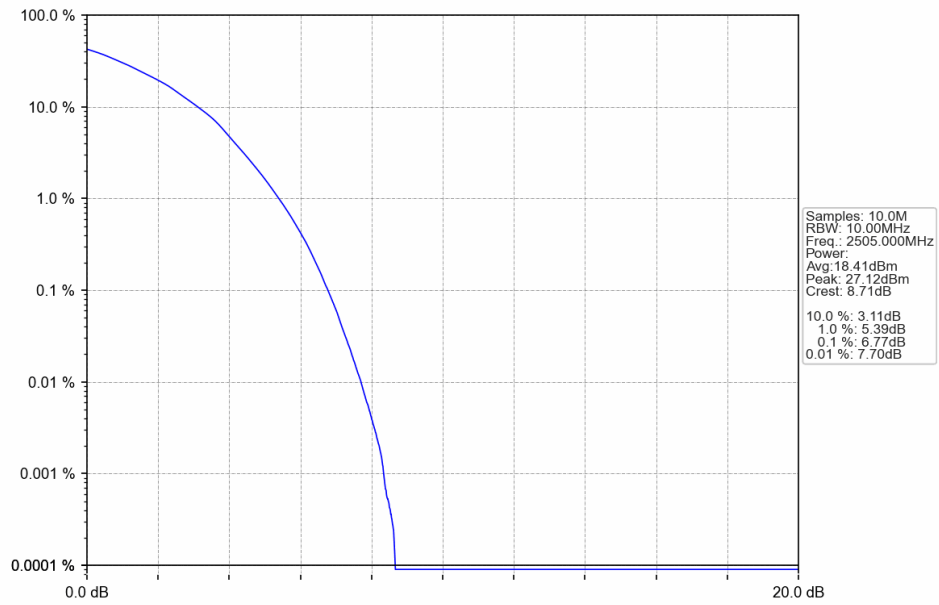
Band7\_10MHz\_16QAM\_MCH\_2535MHz\_RB\_50\_0\_NTNV



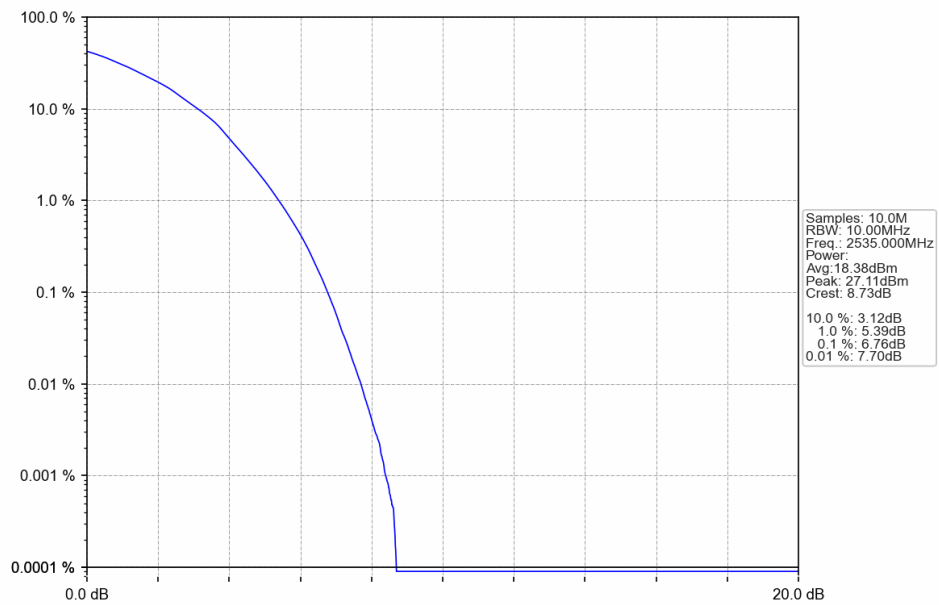
Band7\_10MHz\_16QAM\_HCH\_2565MHz\_RB\_50\_0\_NTNV



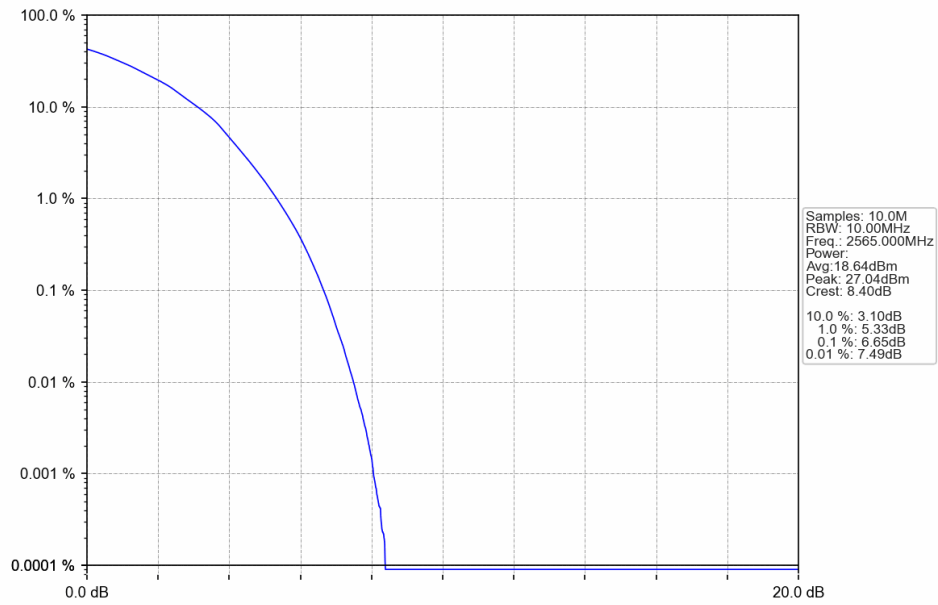
Band7\_10MHz\_64QAM\_LCH\_2505MHz\_RB\_50\_0\_NTNV



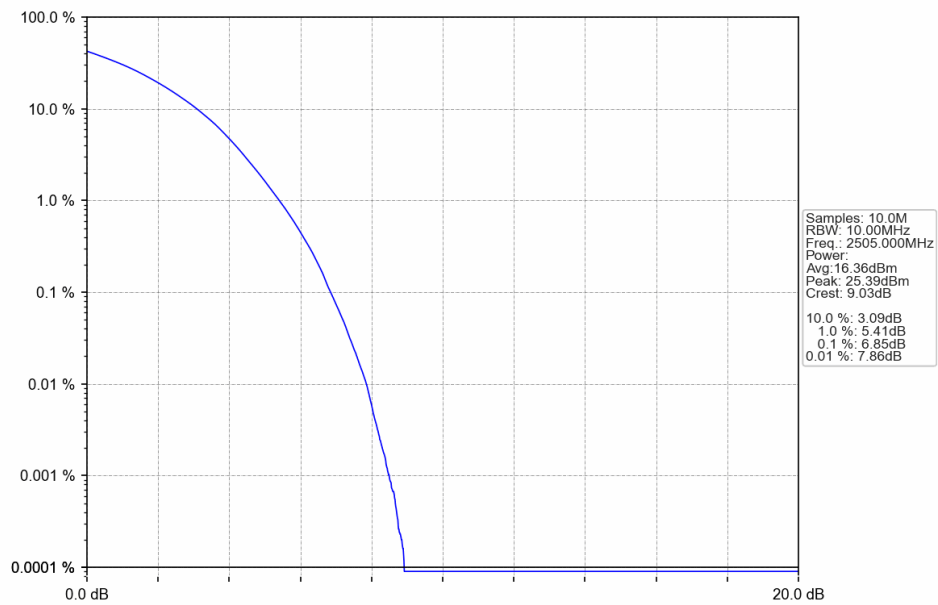
Band7\_10MHz\_64QAM\_MCH\_2535MHz\_RB\_50\_0\_NTNV



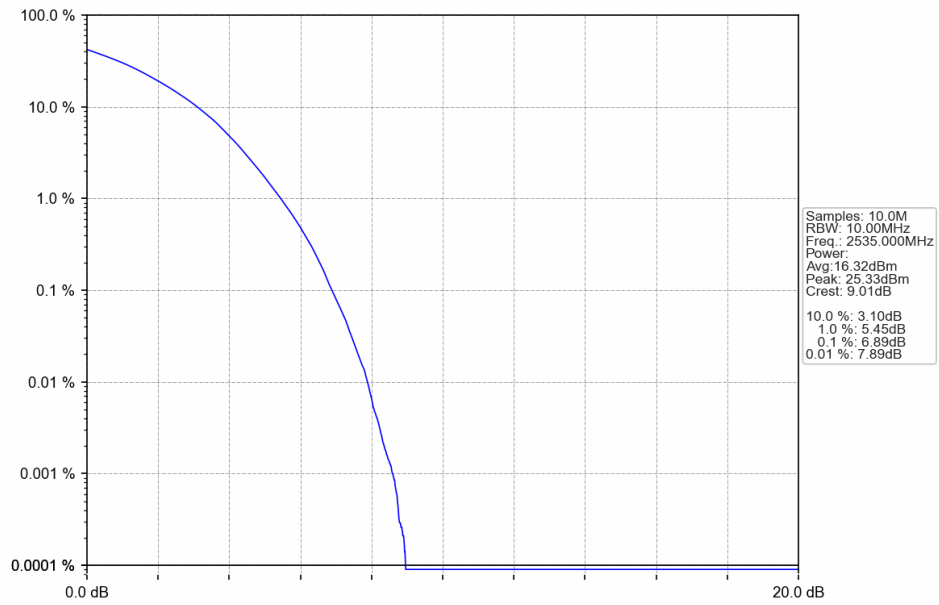
Band7\_10MHz\_64QAM\_HCH\_2565MHz\_RB\_50\_0\_NTNV



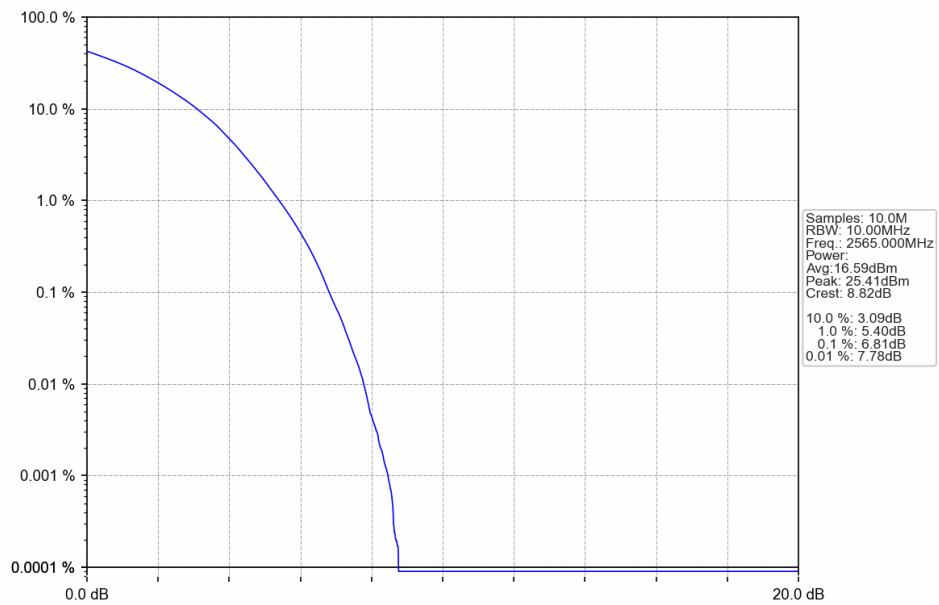
Band7\_10MHz\_256QAM\_LCH\_2505MHz\_RB\_50\_0\_NTNV



Band7\_10MHz\_256QAM\_MCH\_2535MHz\_RB\_50\_0\_NTNV

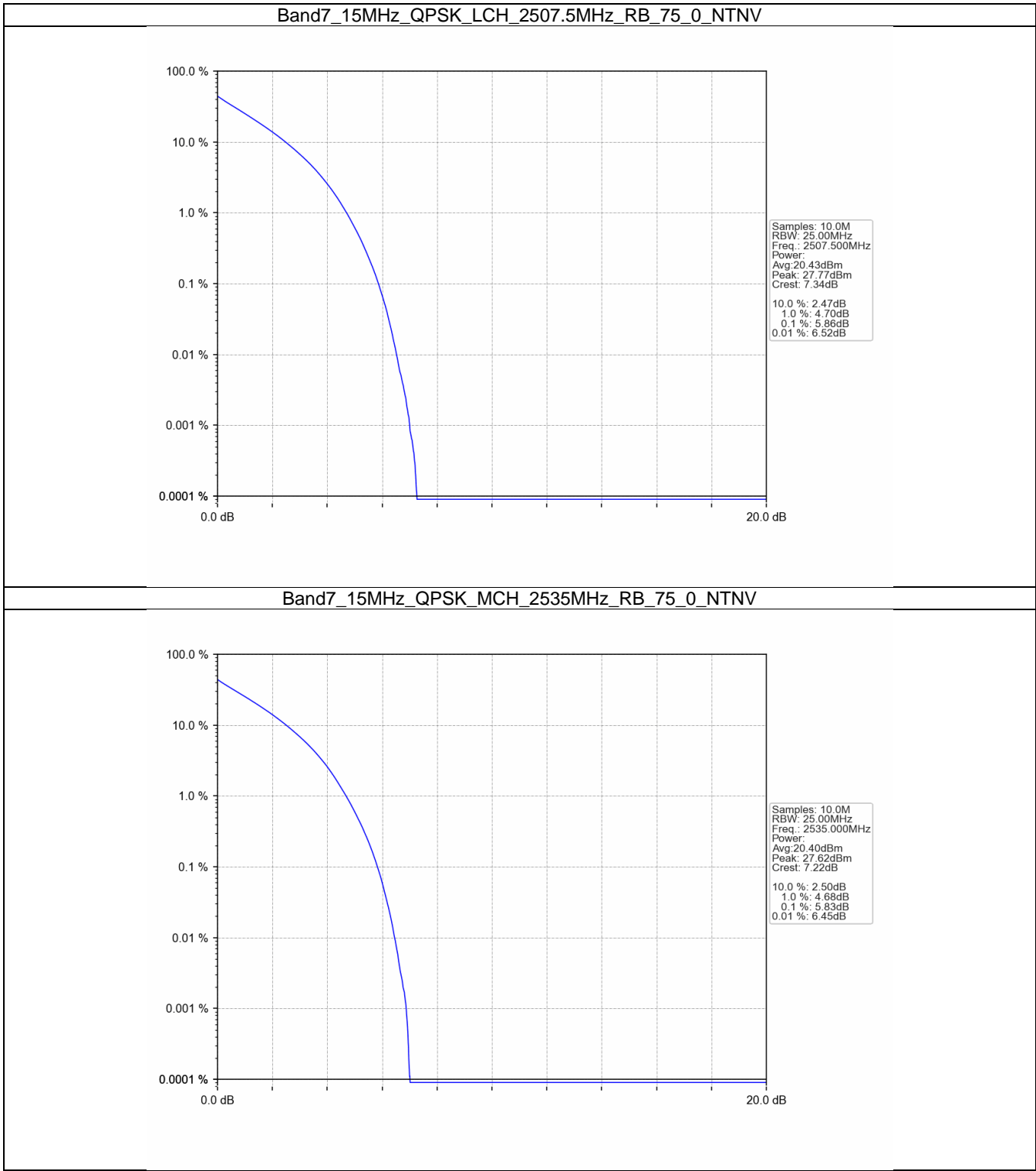


Band7\_10MHz\_256QAM\_HCH\_2565MHz\_RB\_50\_0\_NTNV

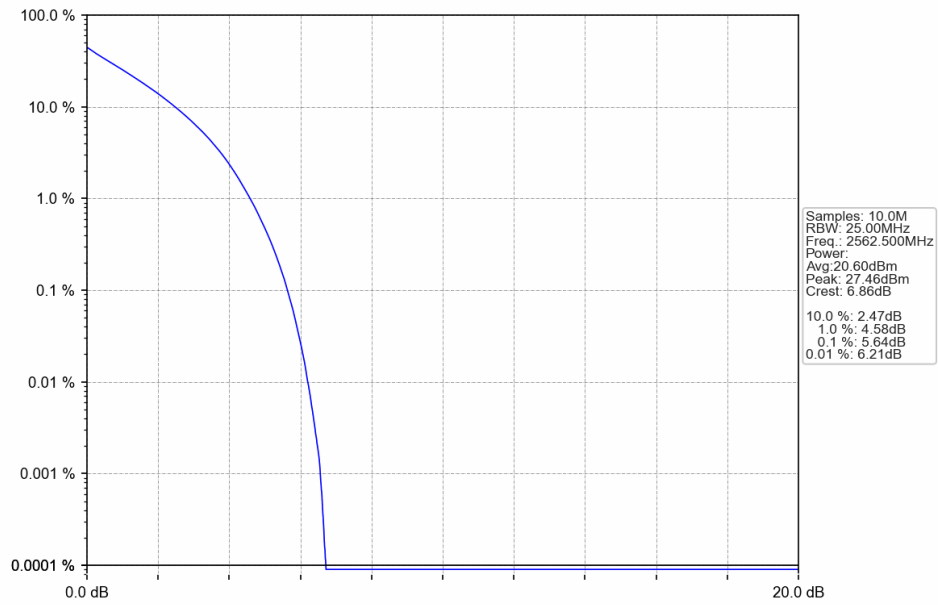




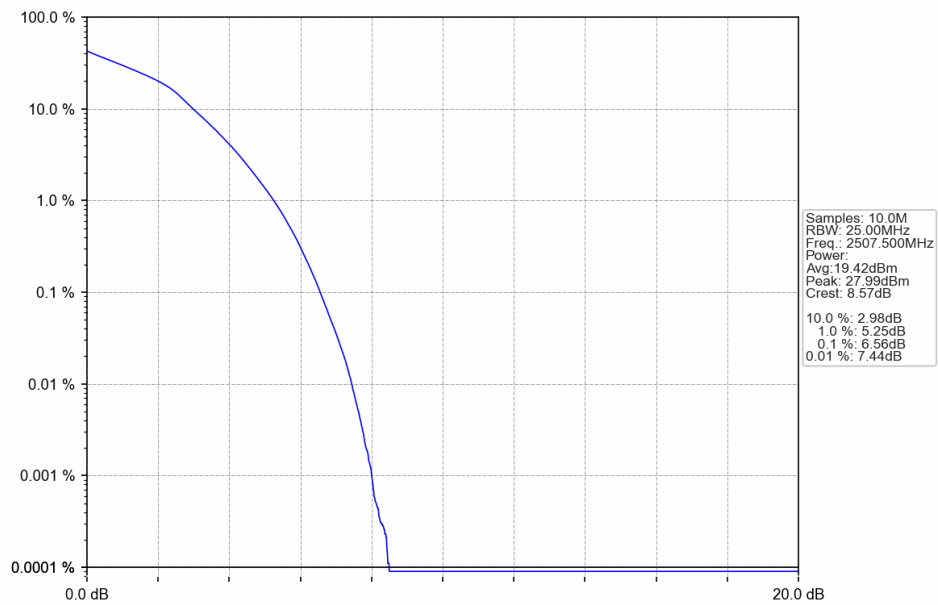
4.2.3 B7\_15MHz



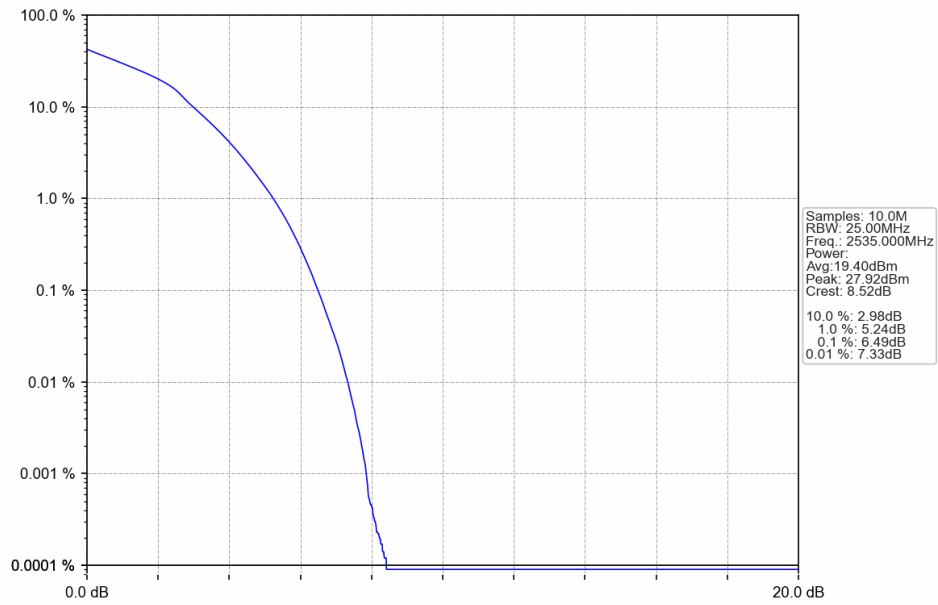
Band7\_15MHz\_QPSK\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV



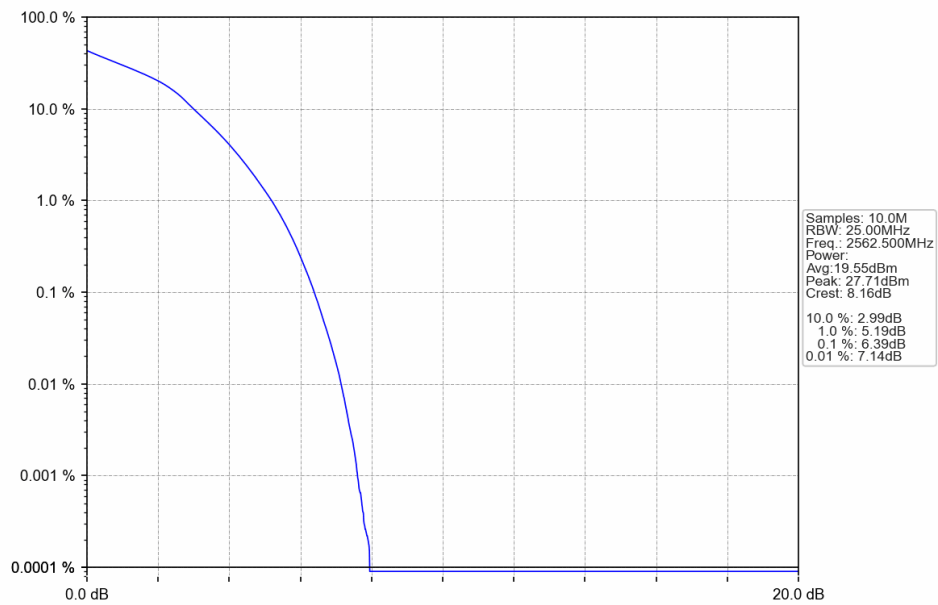
Band7\_15MHz\_16QAM\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV



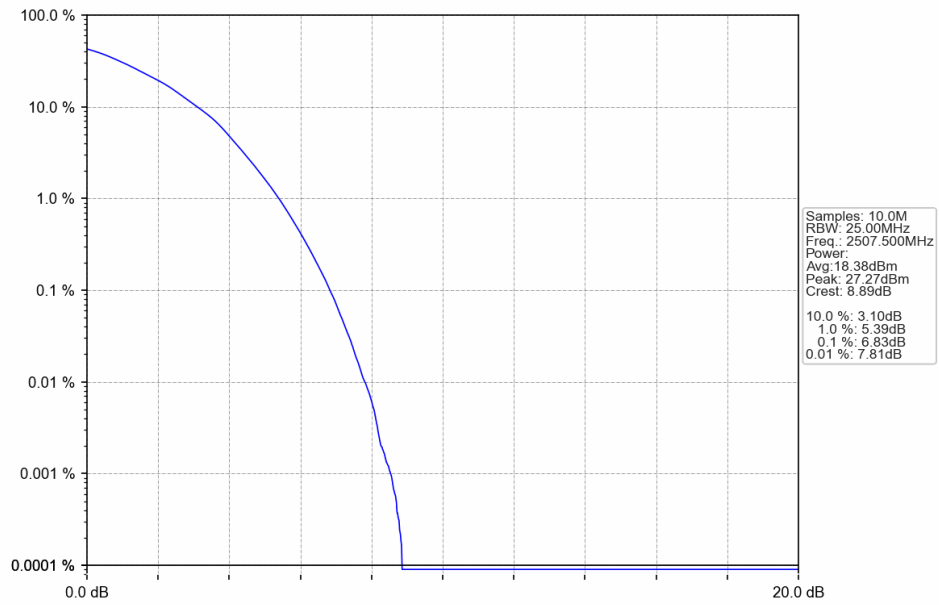
Band7\_15MHz\_16QAM\_MCH\_2535MHz\_RB\_75\_0\_NTNV



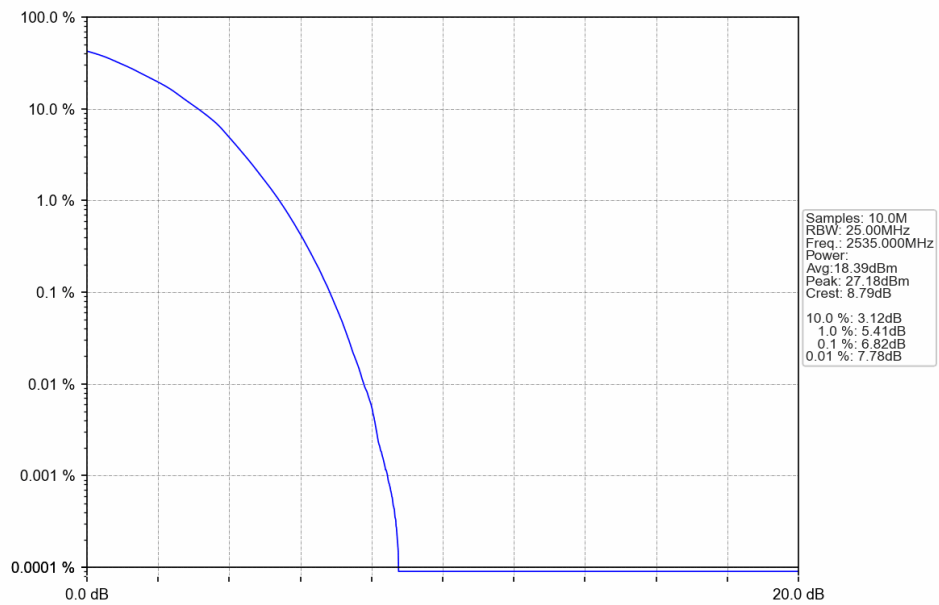
Band7\_15MHz\_16QAM\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV



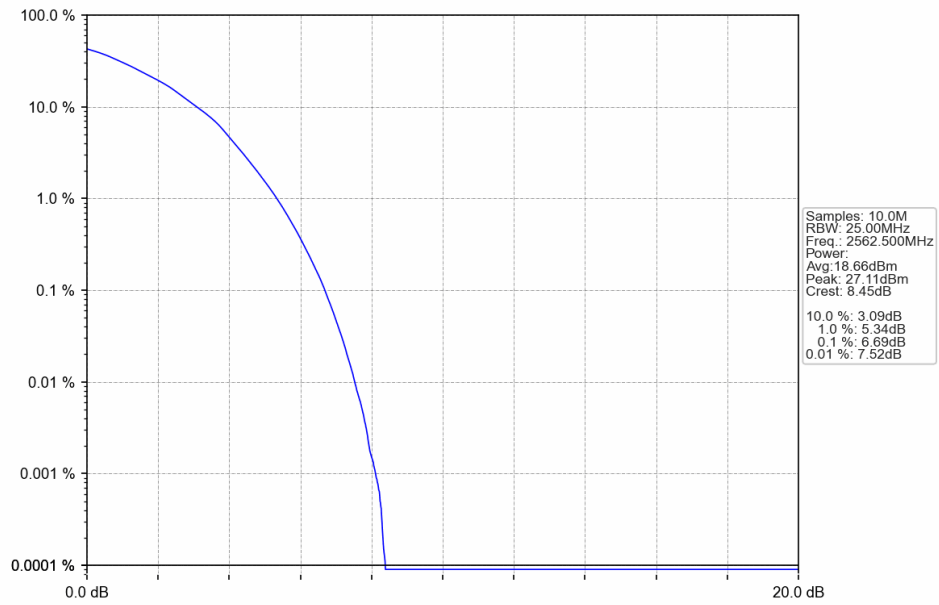
Band7\_15MHz\_64QAM\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV



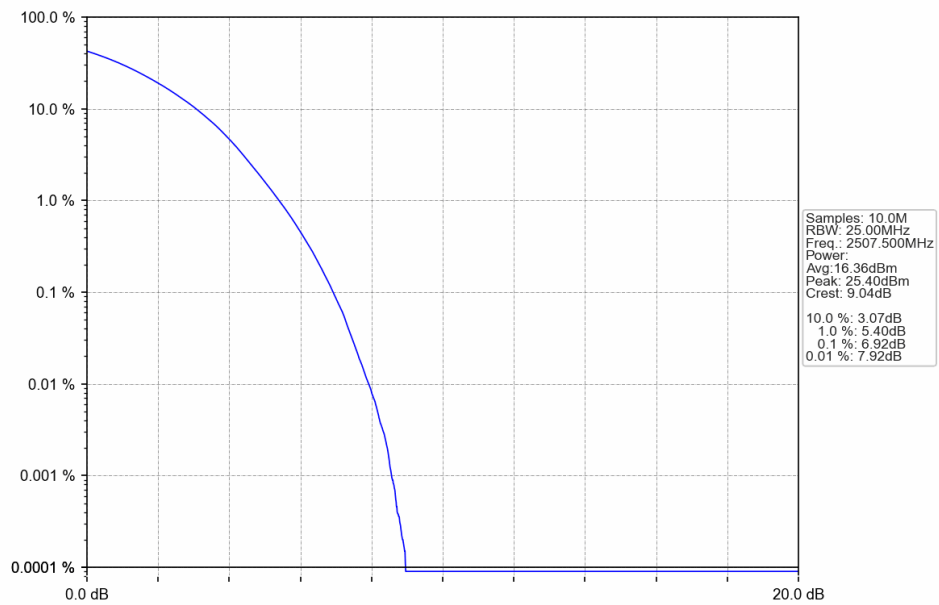
Band7\_15MHz\_64QAM\_MCH\_2535MHz\_RB\_75\_0\_NTNV



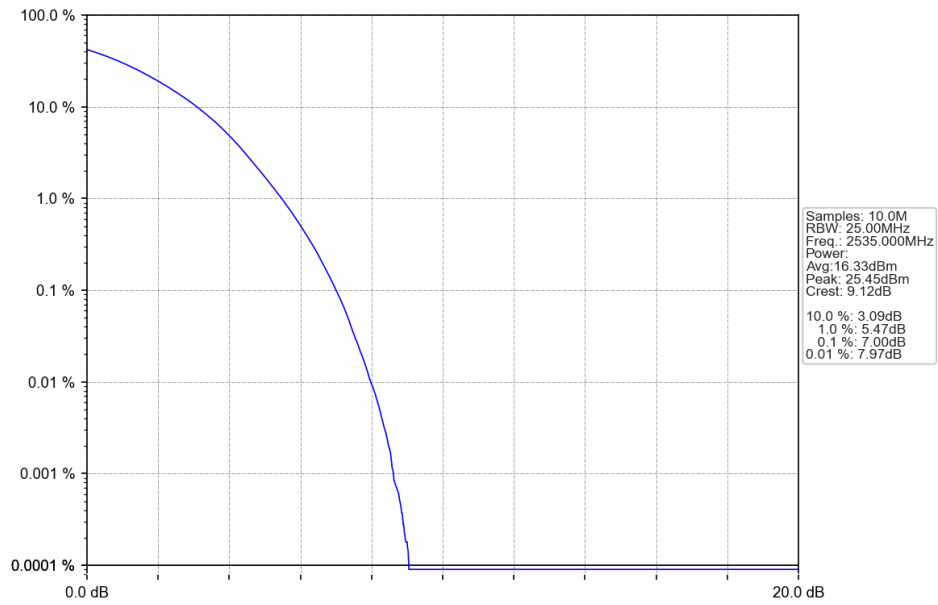
Band7\_15MHz\_64QAM\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV



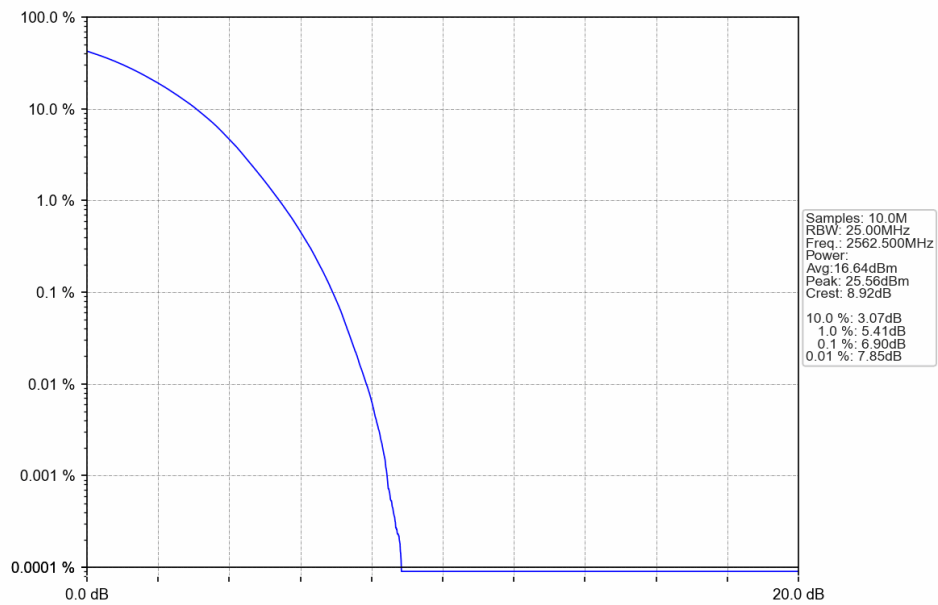
Band7\_15MHz\_256QAM\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV



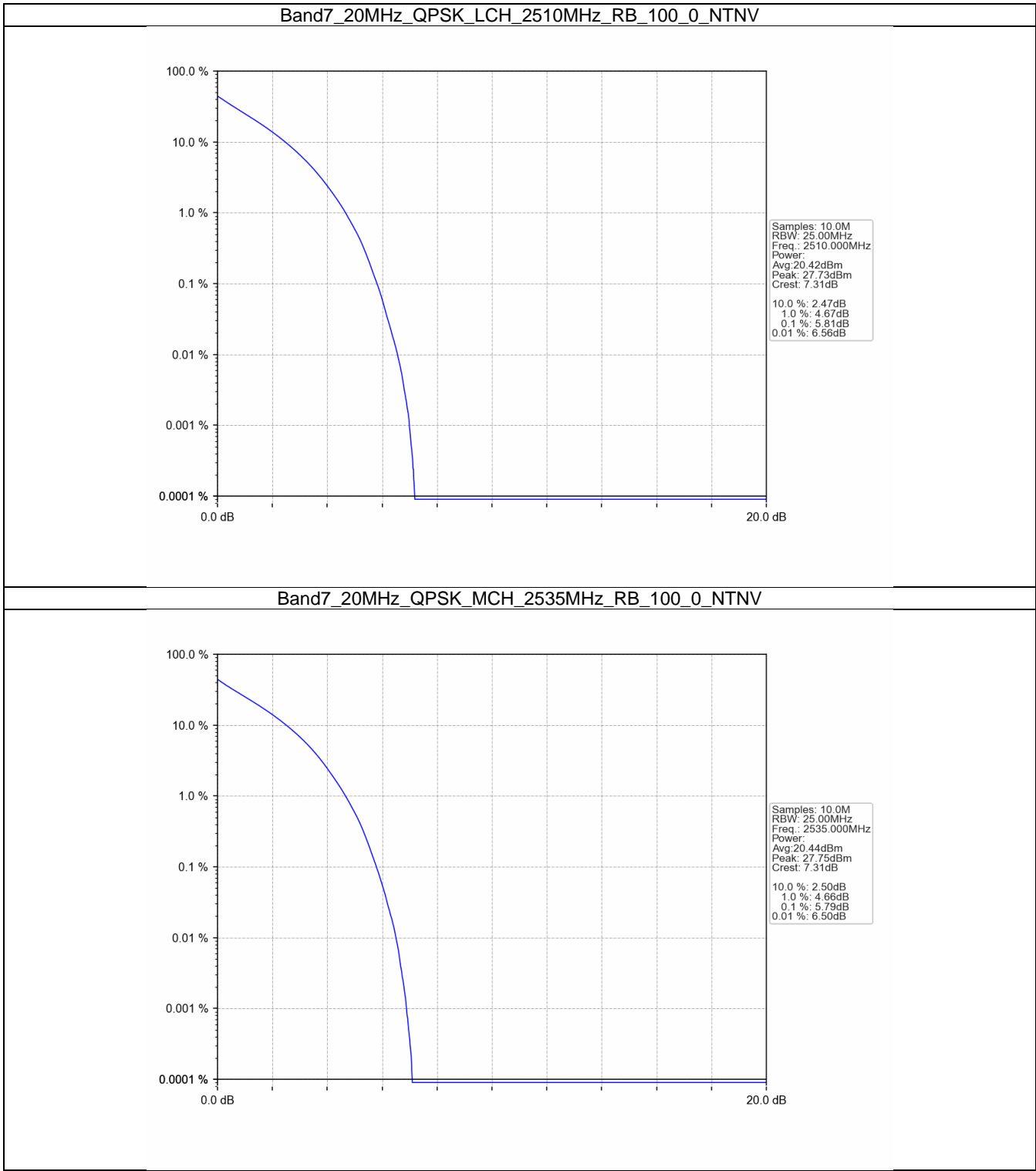
Band7\_15MHz\_256QAM\_MCH\_2535MHz\_RB\_75\_0\_NTNV



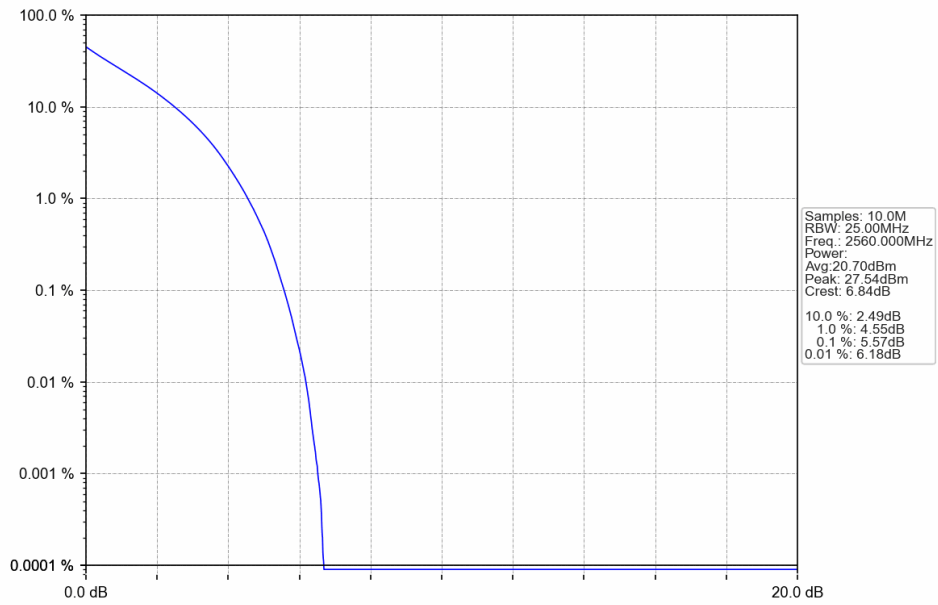
Band7\_15MHz\_256QAM\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV



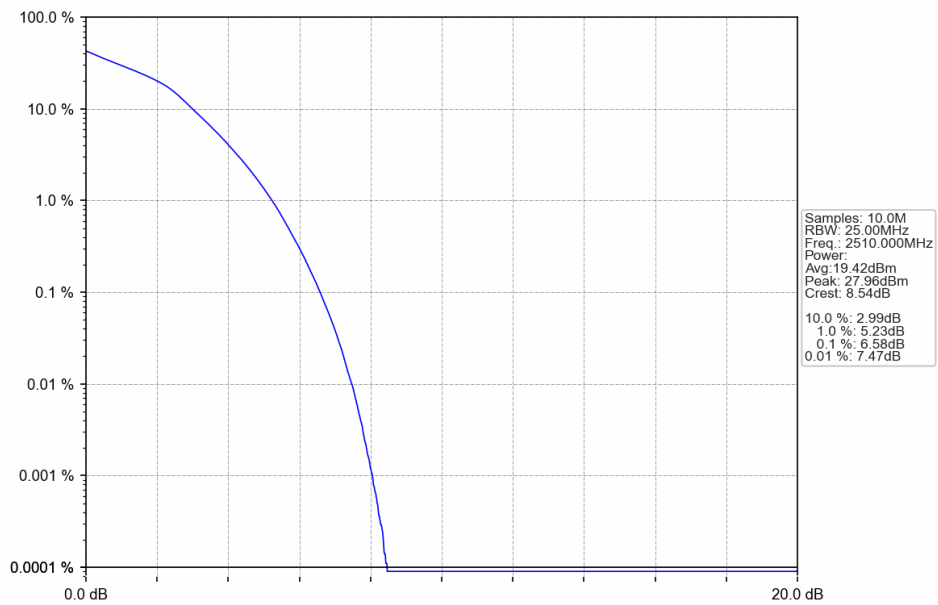
4.2.4 B7\_20MHz



Band7\_20MHz\_QPSK\_HCH\_2560MHz\_RB\_100\_0\_NTNV

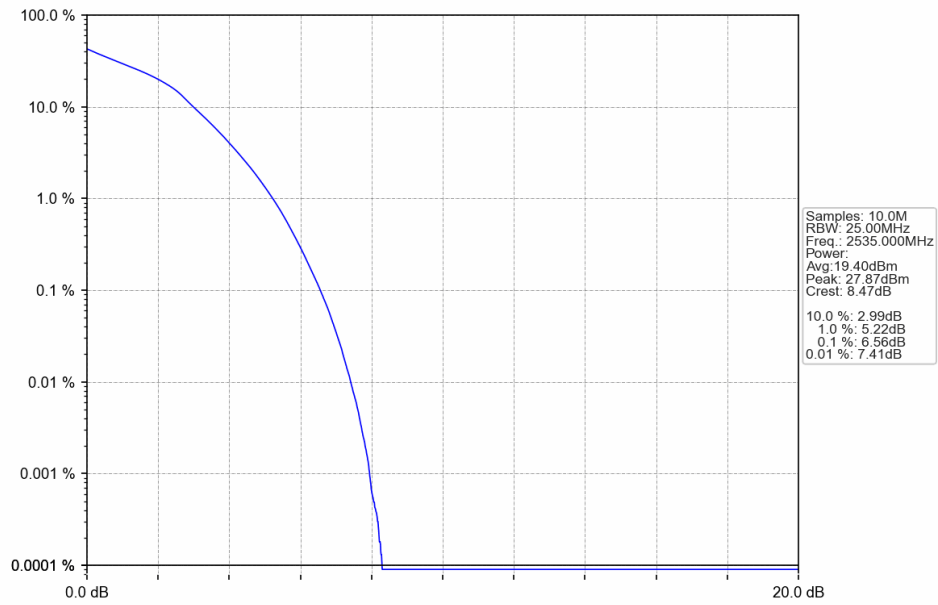


Band7\_20MHz\_16QAM\_LCH\_2510MHz\_RB\_100\_0\_NTNV

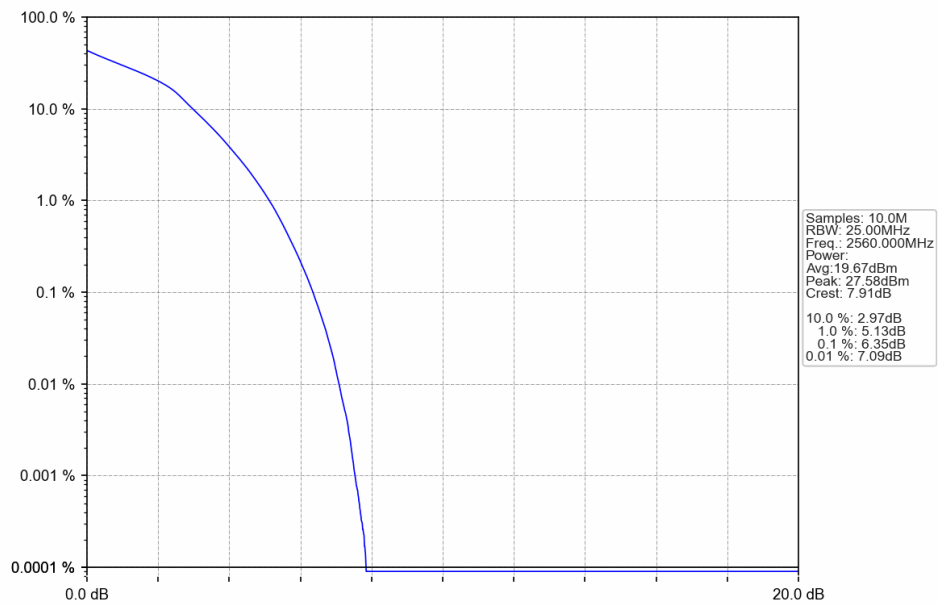




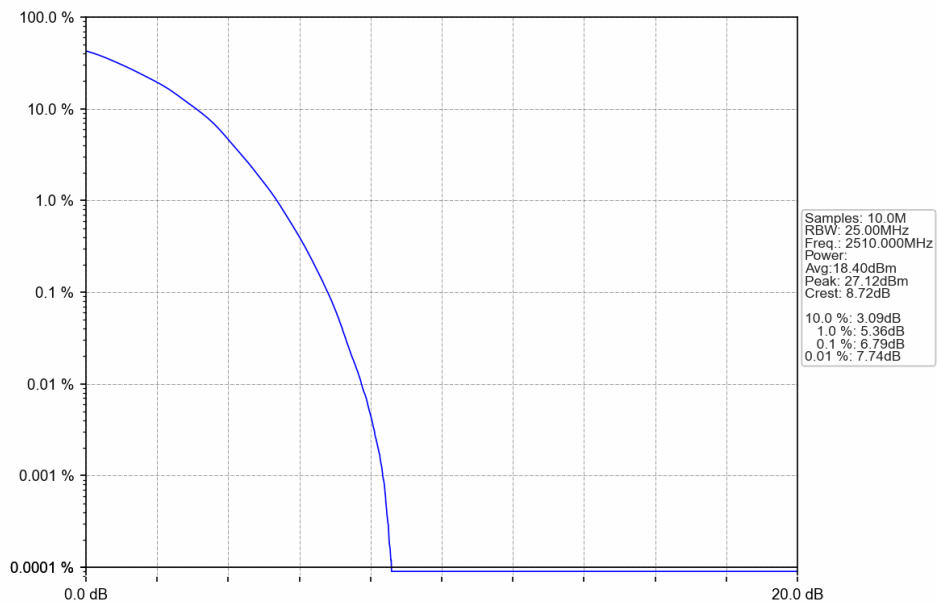
Band7\_20MHz\_16QAM\_MCH\_2535MHz\_RB\_100\_0\_NTNV



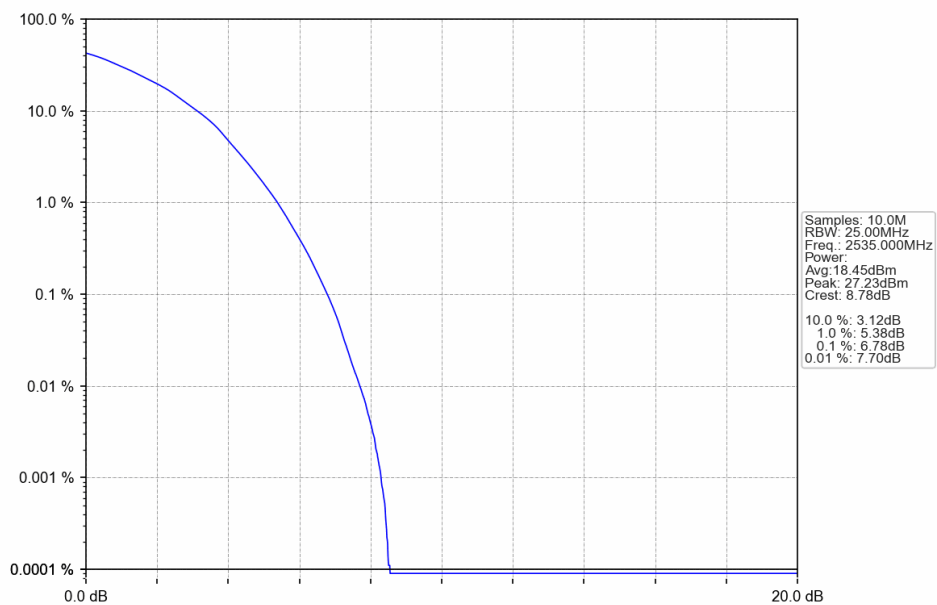
Band7\_20MHz\_16QAM\_HCH\_2560MHz\_RB\_100\_0\_NTNV



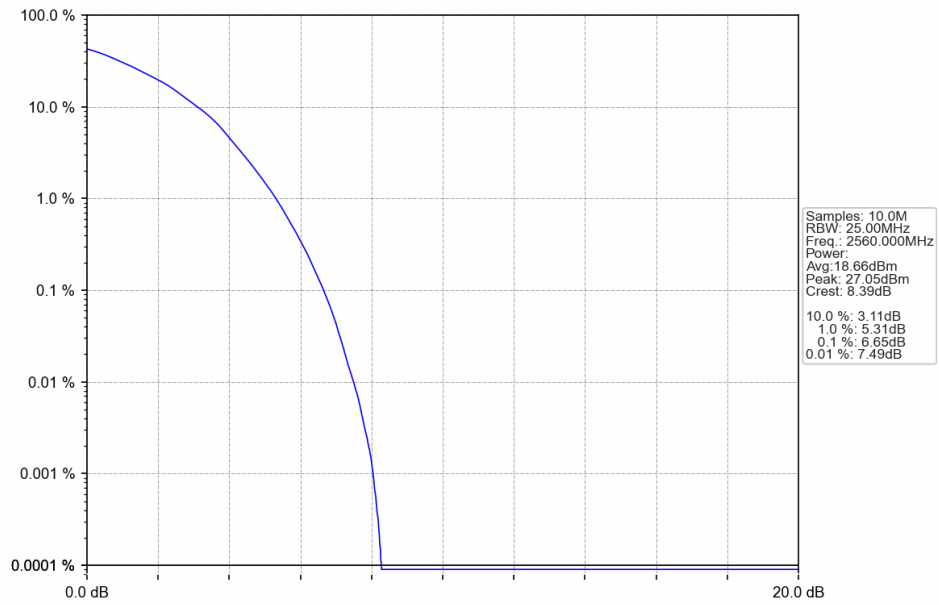
Band7\_20MHz\_64QAM\_LCH\_2510MHz\_RB\_100\_0\_NTNV



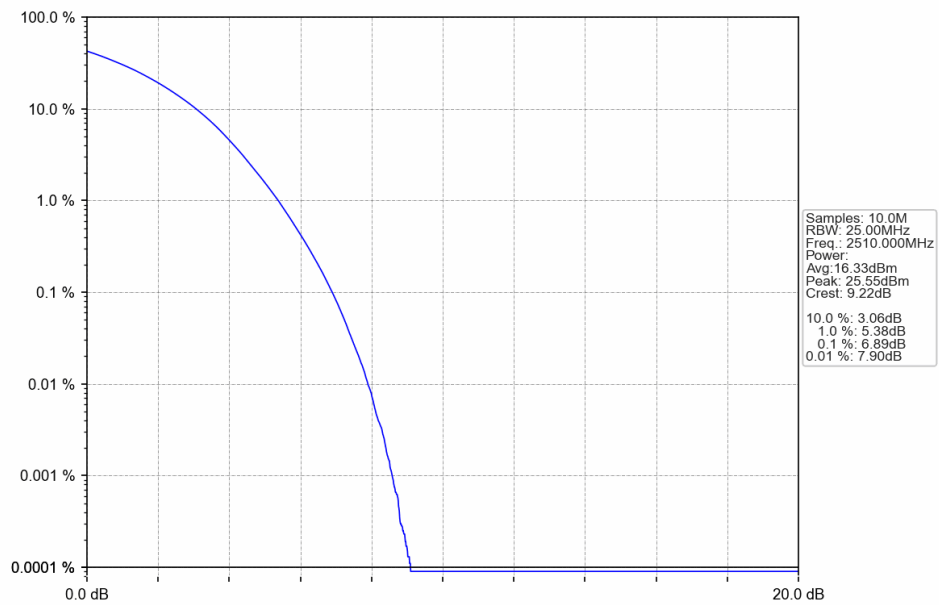
Band7\_20MHz\_64QAM\_MCH\_2535MHz\_RB\_100\_0\_NTNV



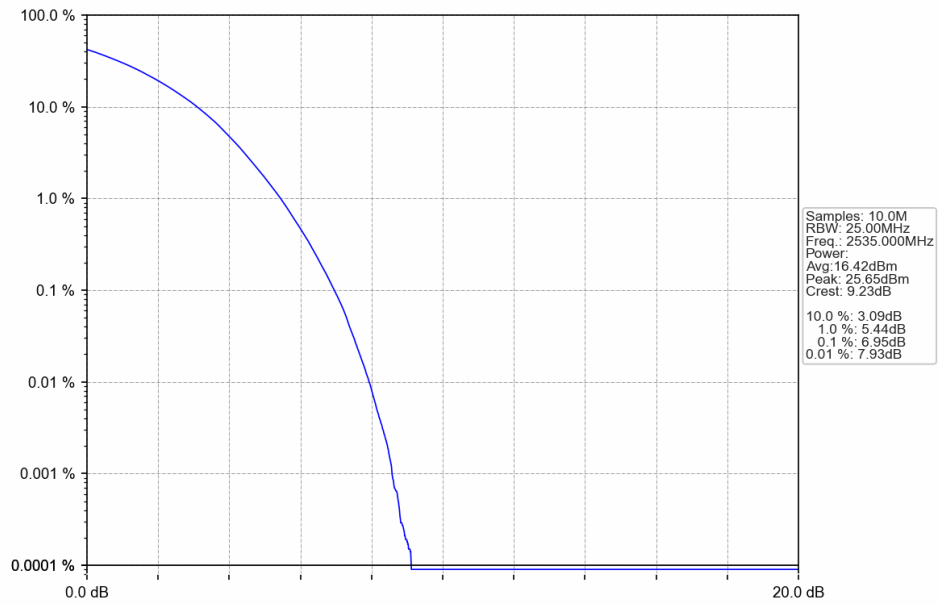
Band7\_20MHz\_64QAM\_HCH\_2560MHz\_RB\_100\_0\_NTNV



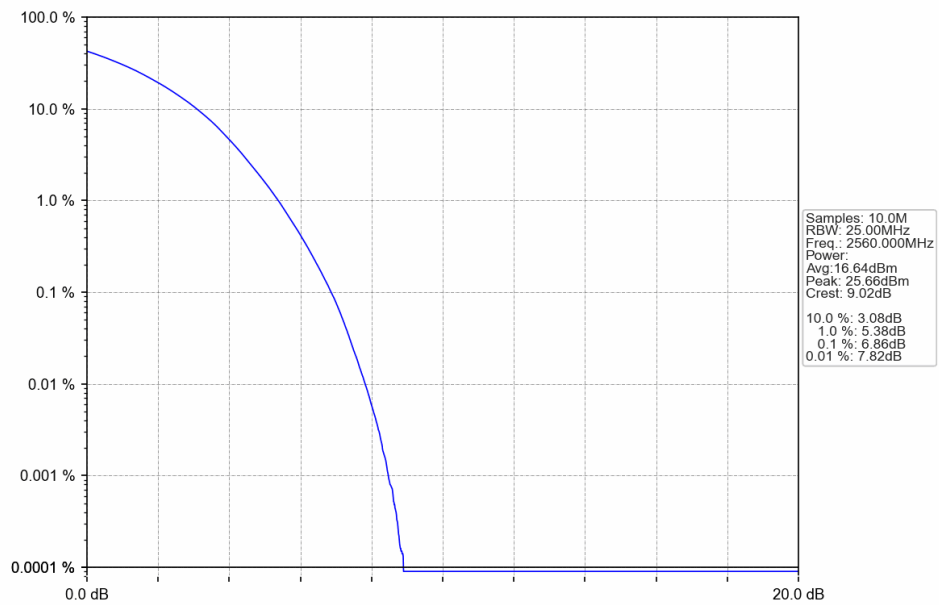
Band7\_20MHz\_256QAM\_LCH\_2510MHz\_RB\_100\_0\_NTNV



Band7\_20MHz\_256QAM\_MCH\_2535MHz\_RB\_100\_0\_NTNV



Band7\_20MHz\_256QAM\_HCH\_2560MHz\_RB\_100\_0\_NTNV



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 B7\_5MHz

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
16QAM	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
64QAM	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
256QAM	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass

#### 5.1.2 B7\_10MHz

Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
16QAM	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
64QAM	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass

256QAM	2565	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	2505	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass

### 5.1.3 B7\_15MHz

Band: 7 / Bandwidth: 15MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2507.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
16QAM	2507.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
64QAM	2507.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
256QAM	2507.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

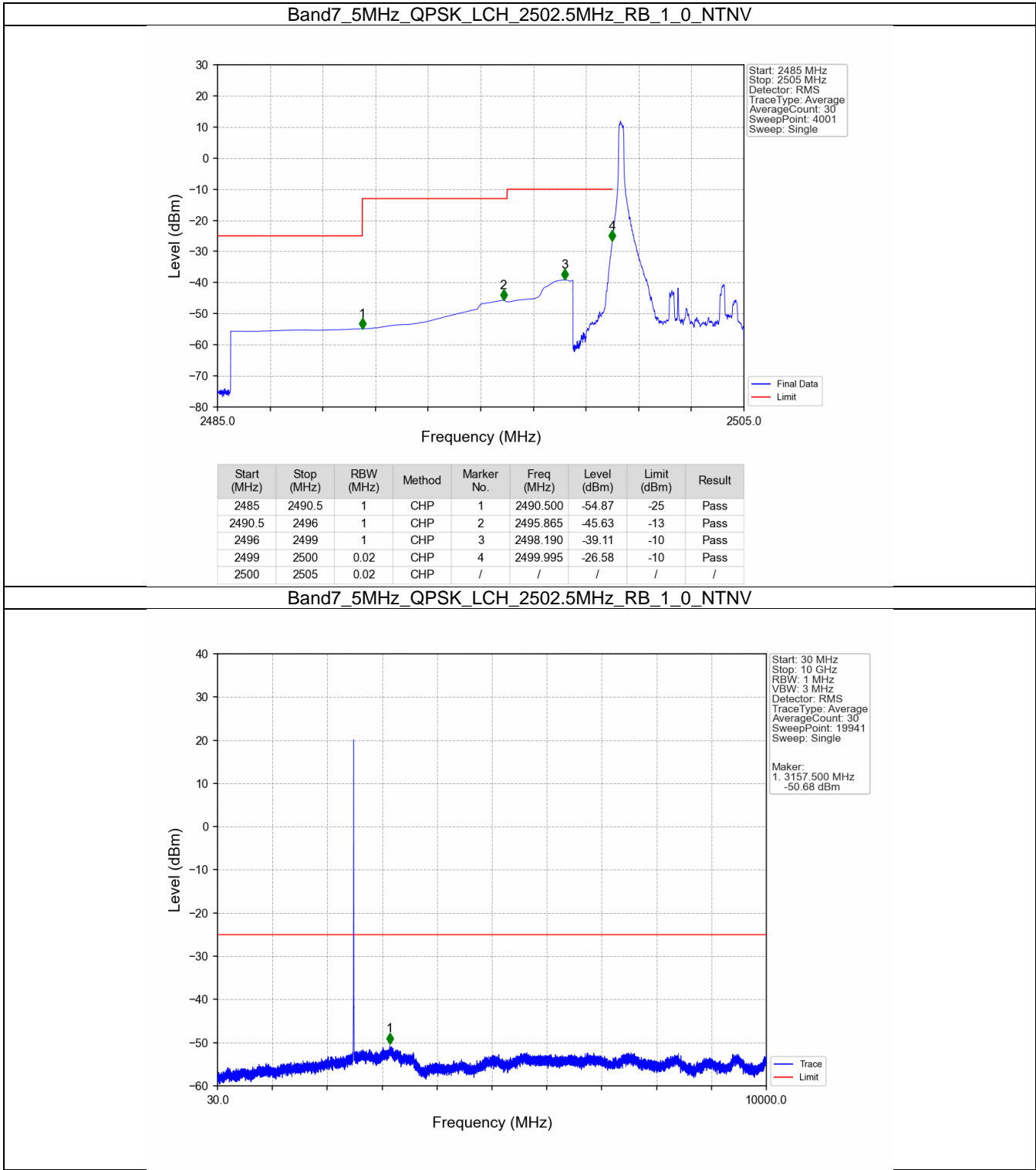
### 5.1.4 B7\_20MHz

Band: 7 / Bandwidth: 20MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2510	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
16QAM	2510	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

		100	0	Refer To Test Graph	Pass
64QAM	2510	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
	2560	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
256QAM	2510	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
	2560	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

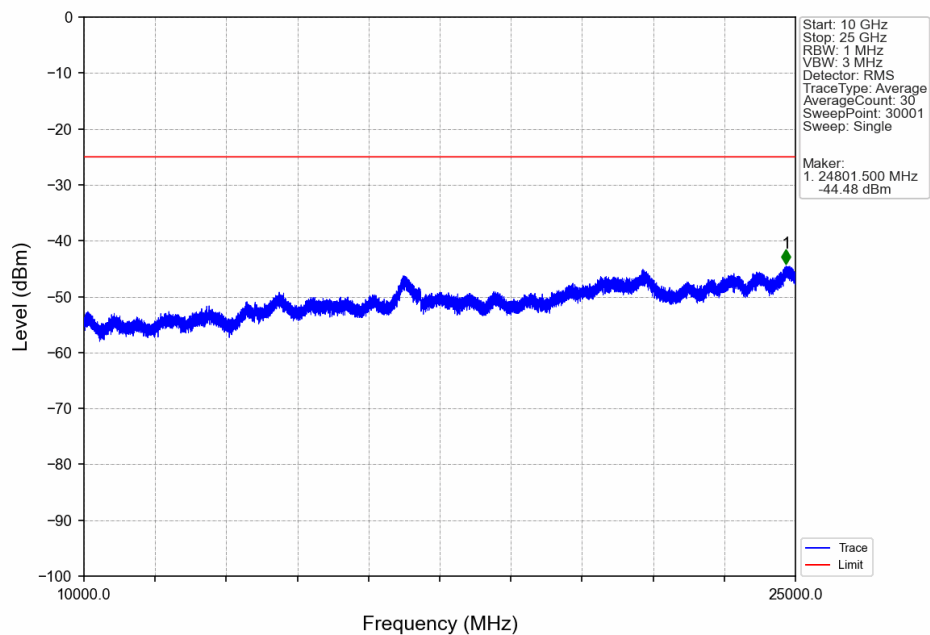
5.2 Test Graph

5.2.1 B7\_5MHz

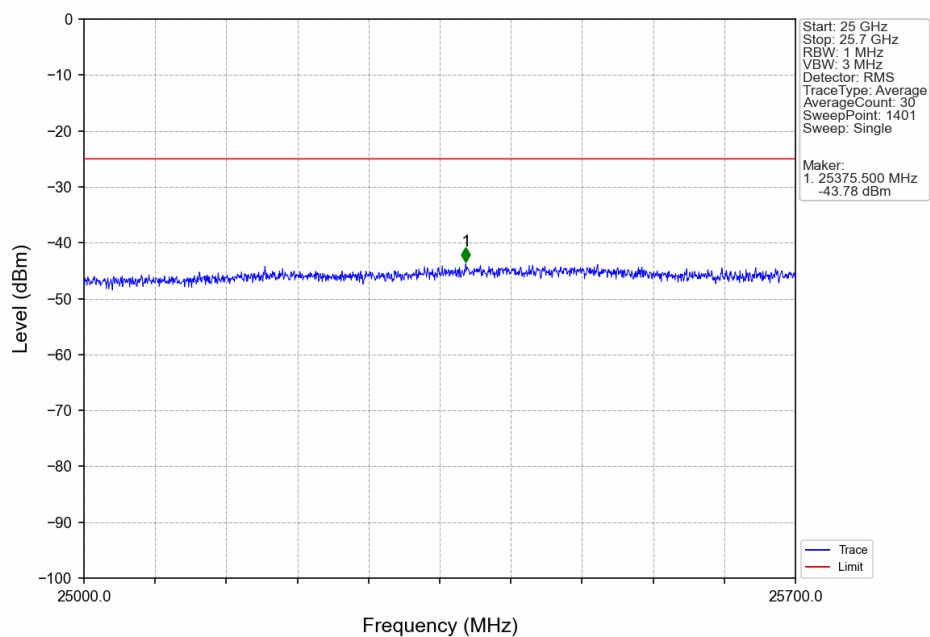




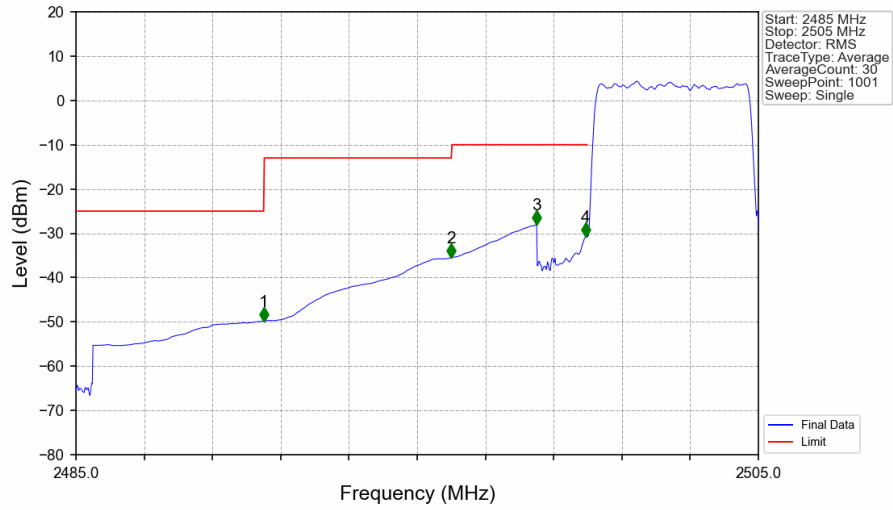
Band7\_5MHz\_QPSK\_LCH\_2502.5MHz\_RB\_1\_0\_NTNV



Band7\_5MHz\_QPSK\_LCH\_2502.5MHz\_RB\_1\_0\_NTNV



### Band7\_5MHz\_QPSK\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-49.87	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-35.52	-13	Pass
2496	2499	1	CHP	3	2498.500	-28.03	-10	Pass
2499	2500	0.101	CHP	4	2499.940	-30.85	-10	Pass
2500	2505	0.101	CHP	/	/	/	/	/

### Band7\_5MHz\_QPSK\_MCH\_2535MHz\_RB\_1\_0\_NTNV

