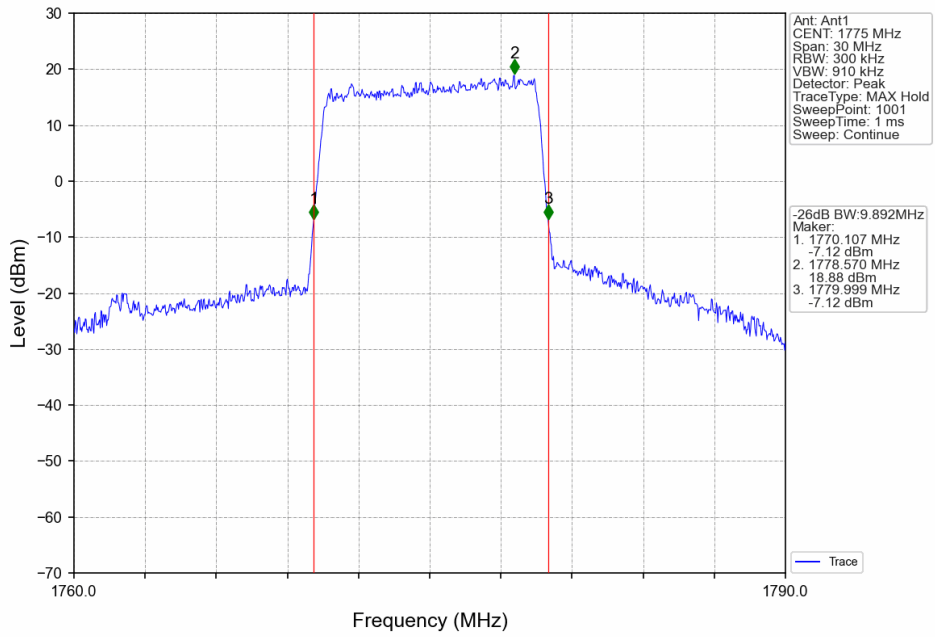
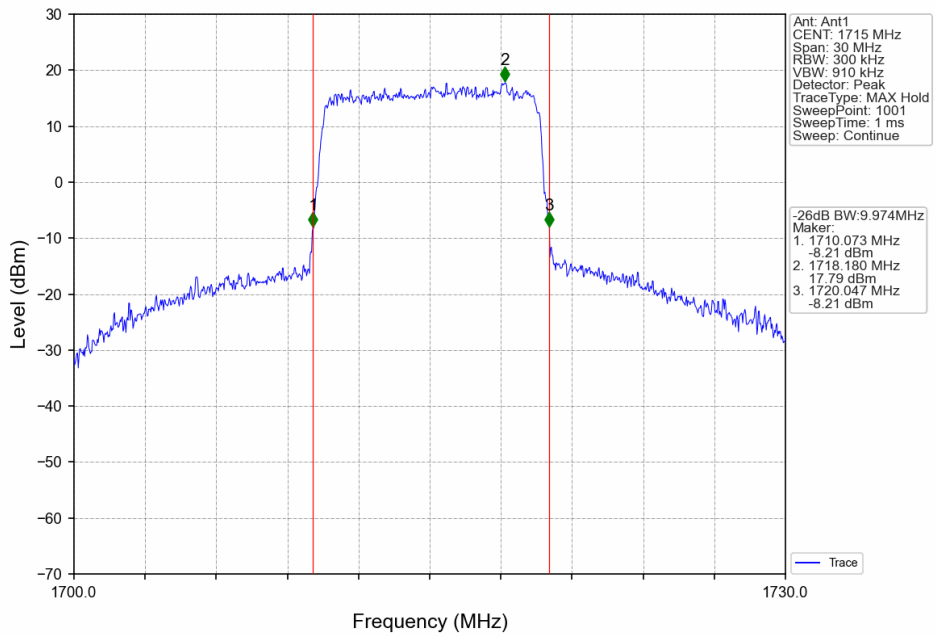


Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_50\_0\_NTNV

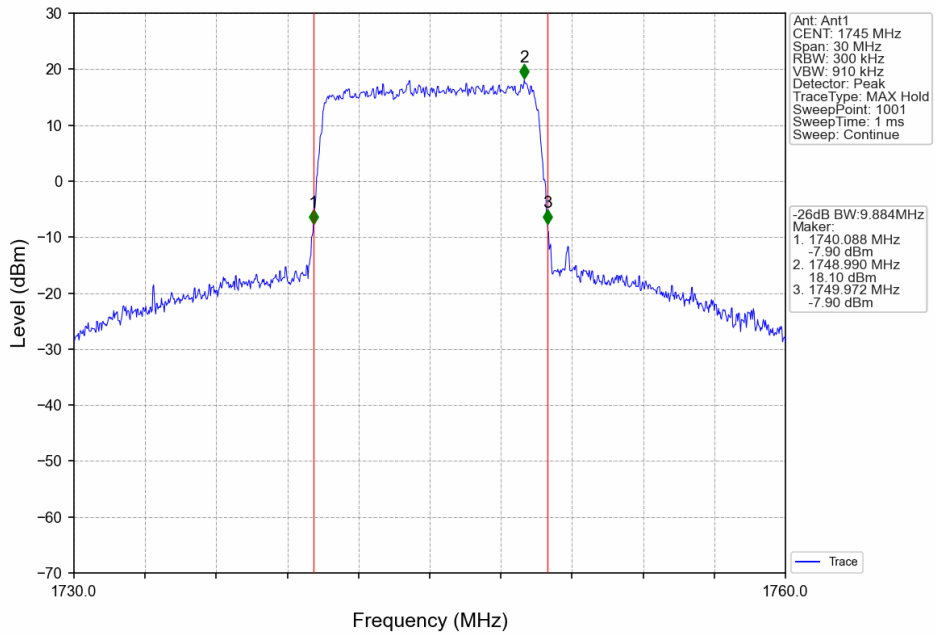


Band66\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_50\_0\_NTNV

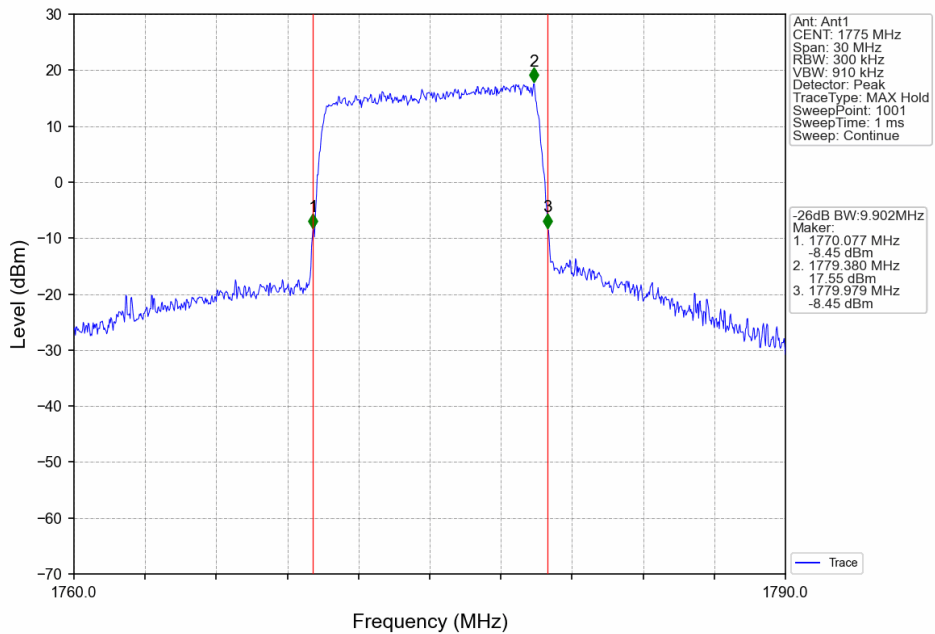




Band66\_10MHz\_16QAM\_MCH\_1745MHz\_RB\_50\_0\_NTNV

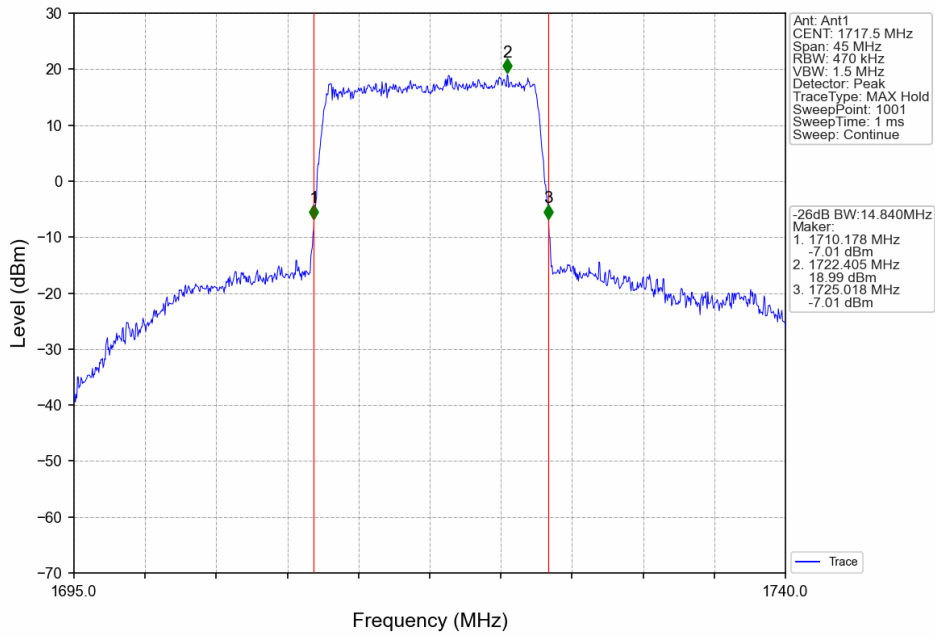


Band66\_10MHz\_16QAM\_HCH\_1775MHz\_RB\_50\_0\_NTNV

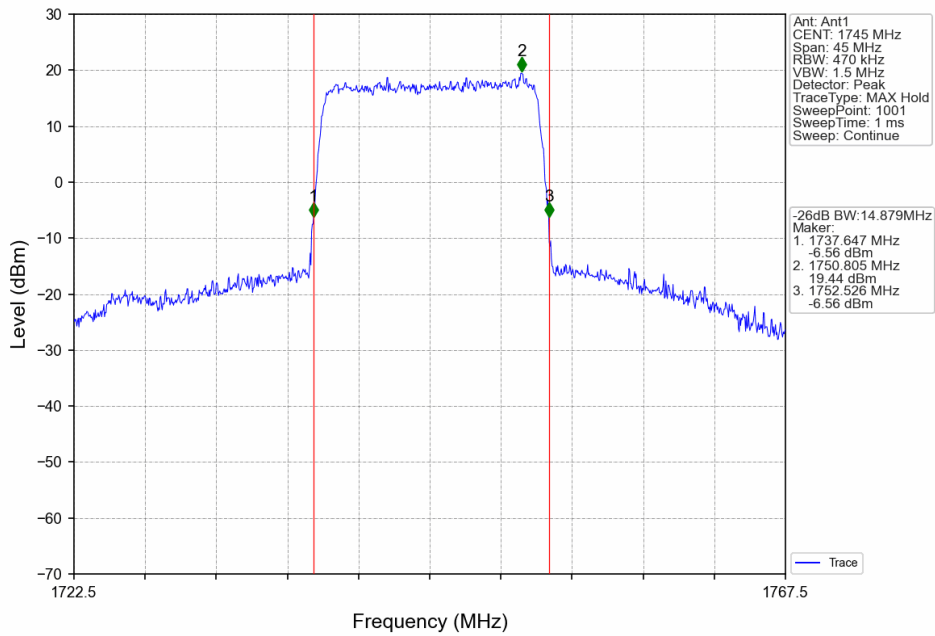




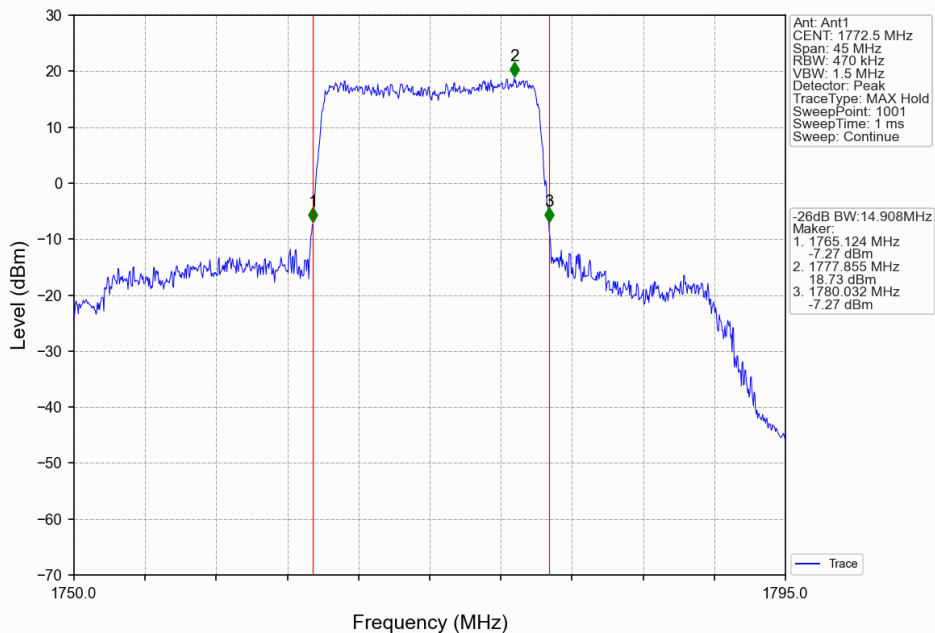
Band66\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



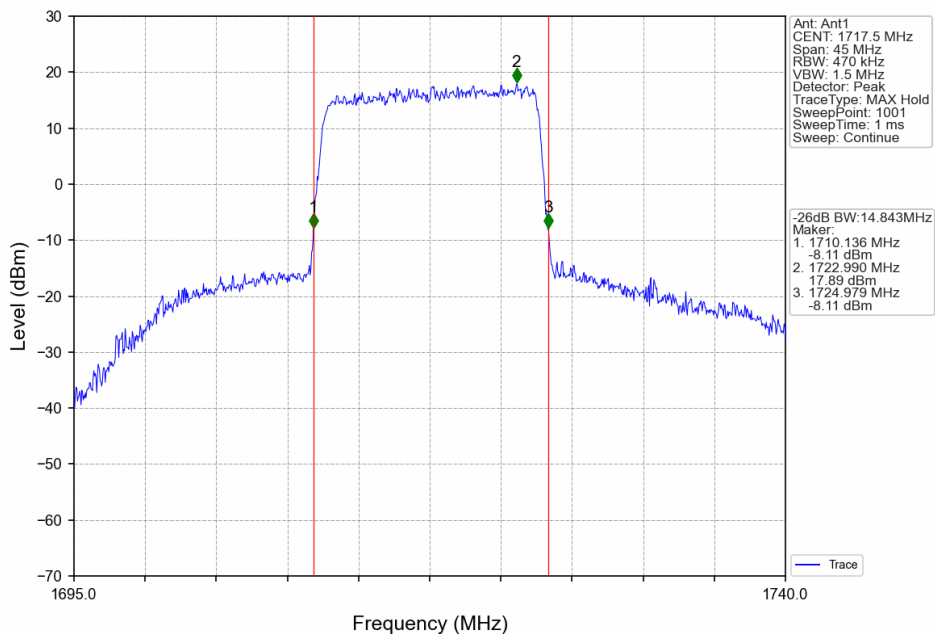
Band66\_15MHz\_QPSK\_MCH\_1745MHz\_RB\_75\_0\_NTNV



Band66\_15MHz\_QPSK\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV

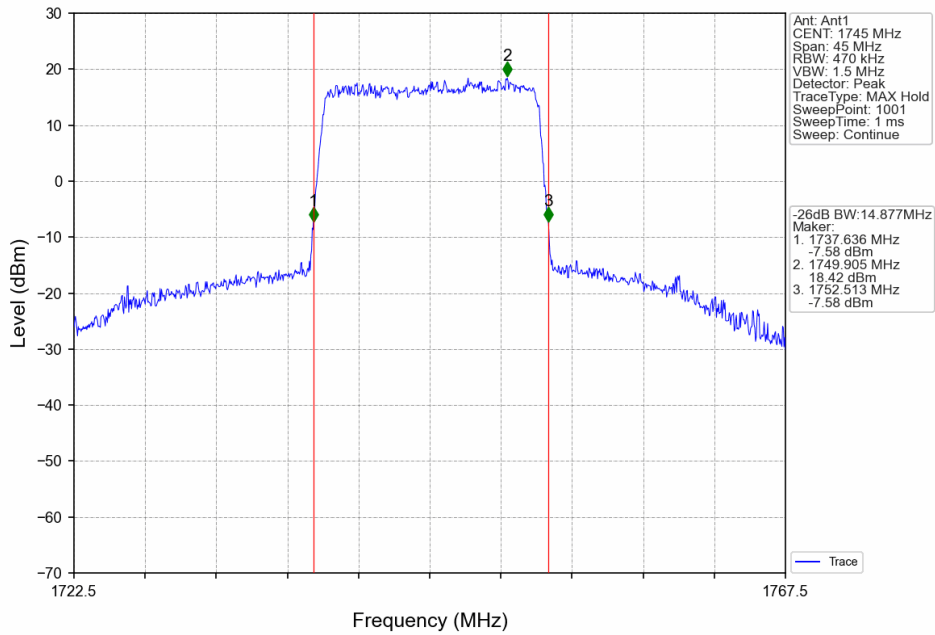


Band66\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV

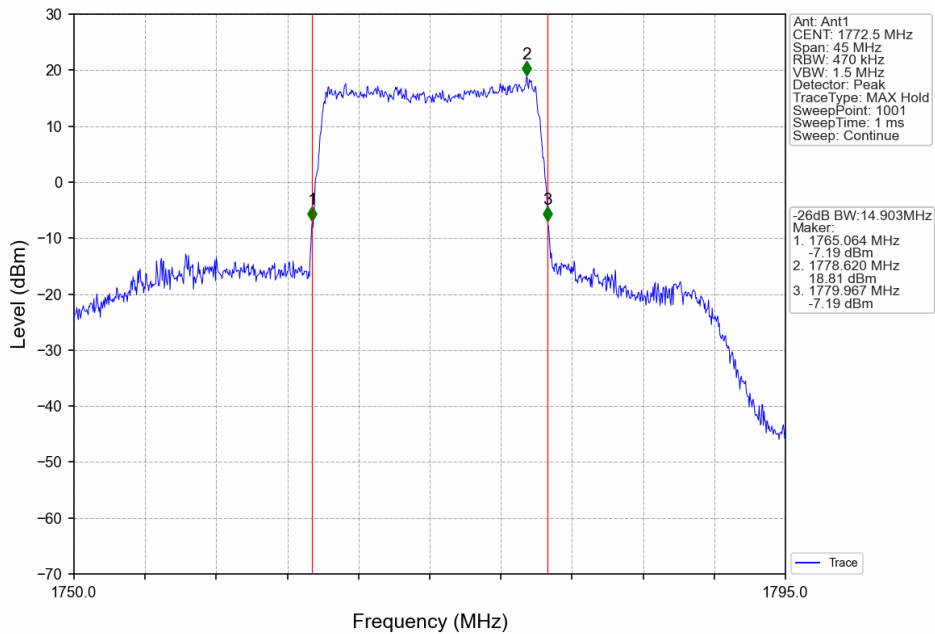




Band66\_15MHz\_16QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV

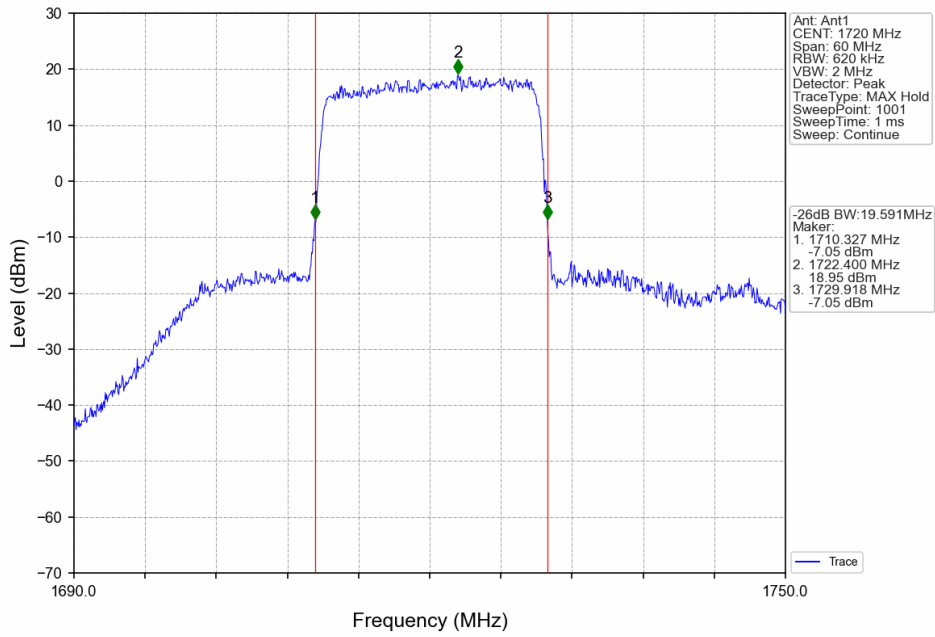


Band66\_15MHz\_16QAM\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV

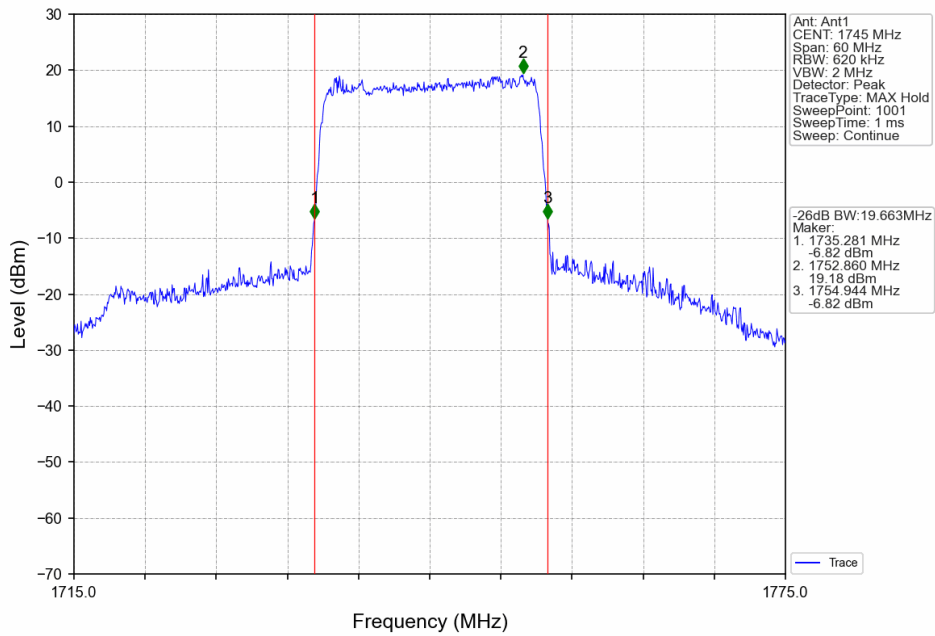




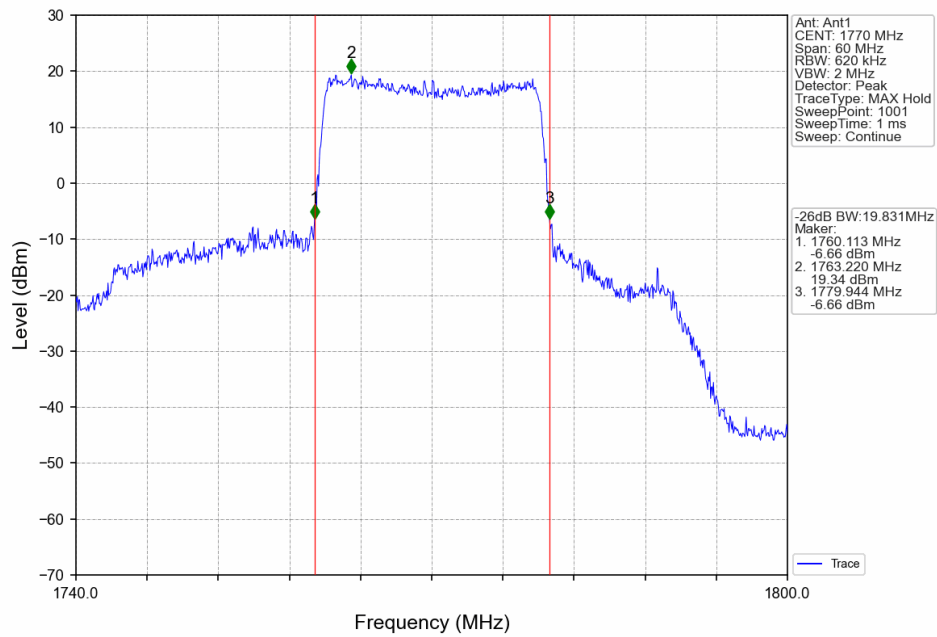
Band66\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_100\_0\_NTNV



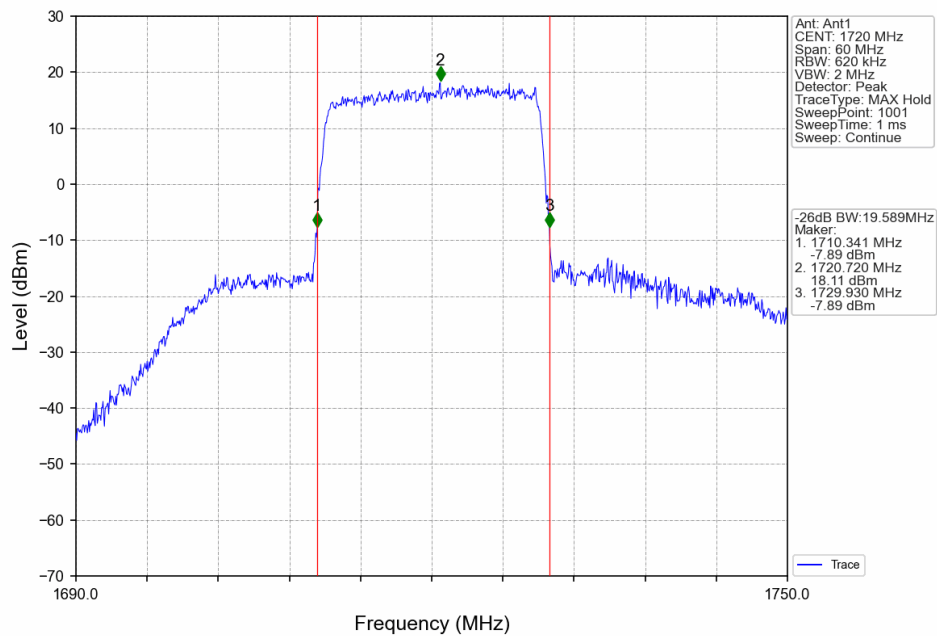
Band66\_20MHz\_QPSK\_MCH\_1745MHz\_RB\_100\_0\_NTNV



Band66\_20MHz\_QPSK\_HCH\_1770MHz\_RB\_100\_0\_NTNV

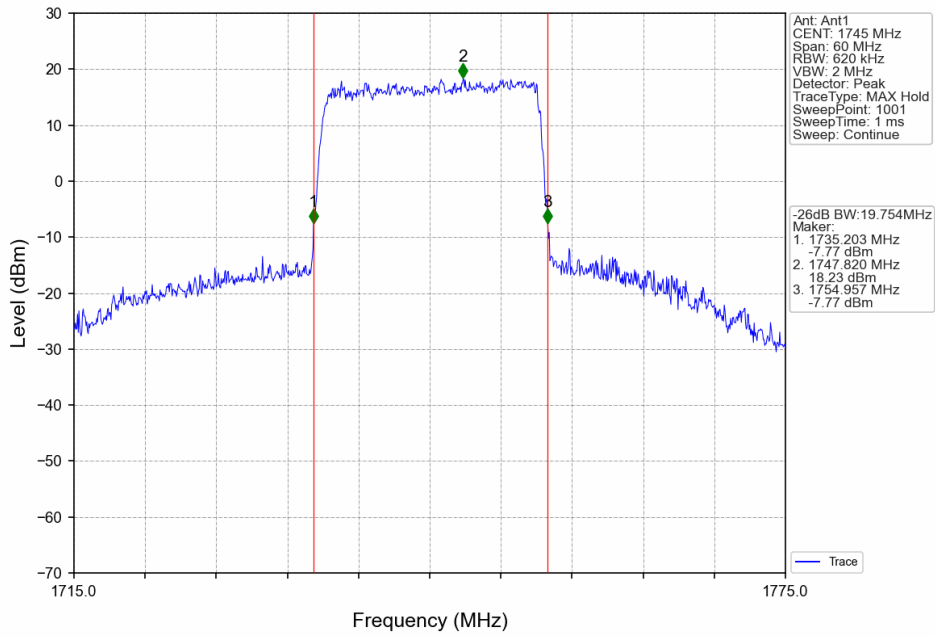


Band66\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV

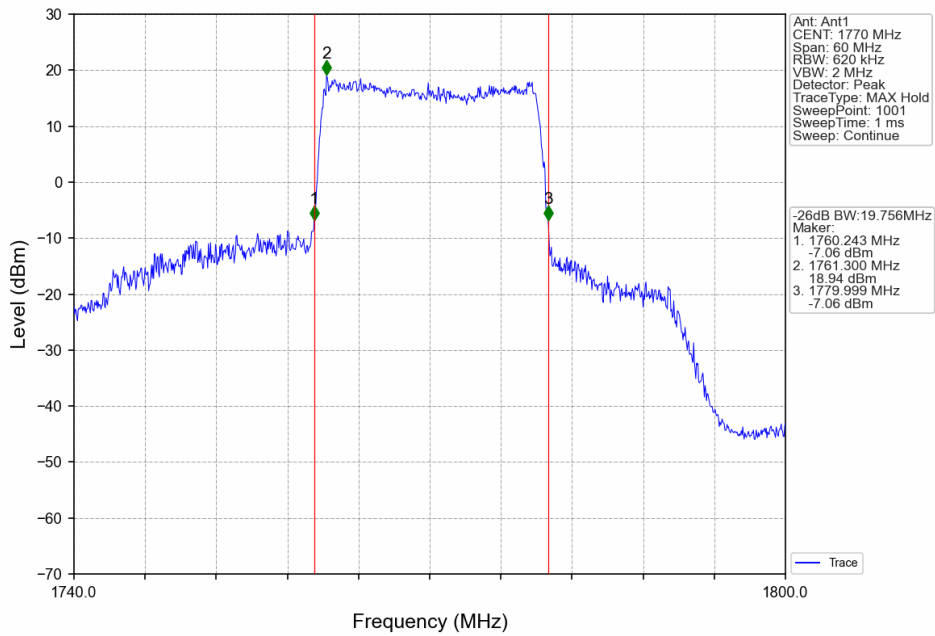




Band66\_20MHz\_16QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV



Band66\_20MHz\_16QAM\_HCH\_1770MHz\_RB\_100\_0\_NTNV







## 5. Peak-Average Ratio

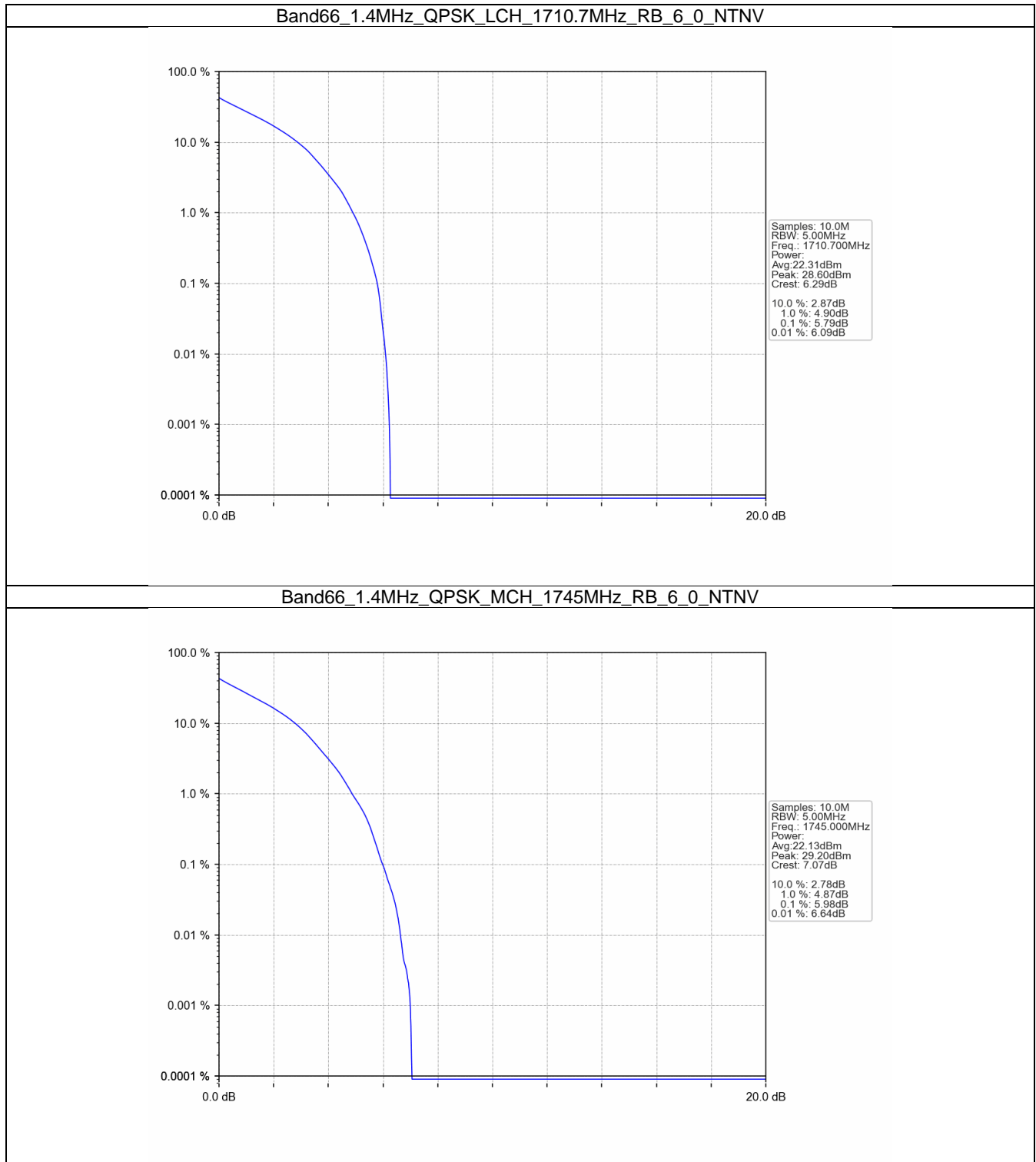
### 5.1 B66\_1.4MHz

#### 5.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.79	<=13	Pass
	1745	6	0	5.98	<=13	Pass
	1779.3	6	0	4.32	<=13	Pass
16QAM	1710.7	6	0	6.71	<=13	Pass
	1745	6	0	6.87	<=13	Pass
	1779.3	6	0	5.22	<=13	Pass

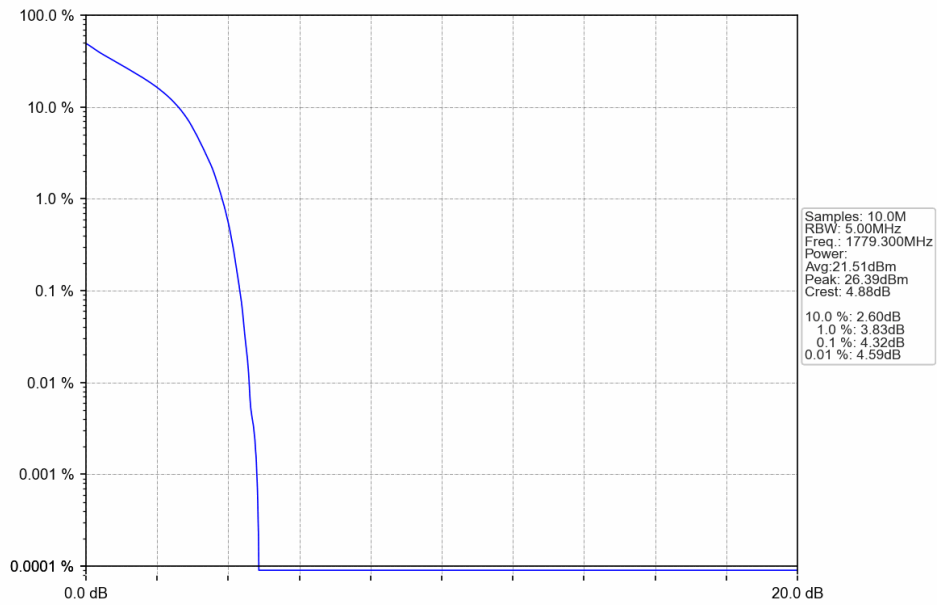


### 5.1.2 Test Graph

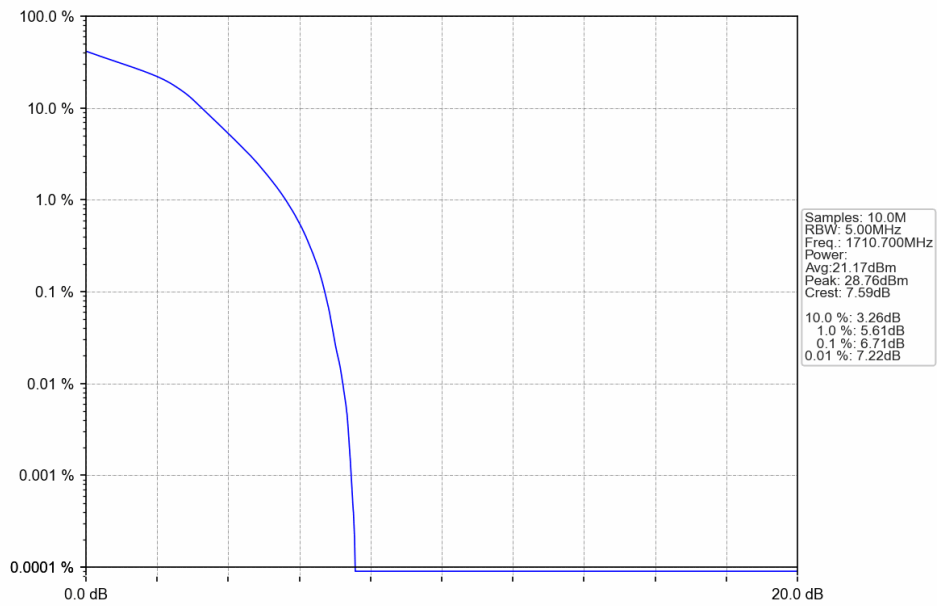




Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV

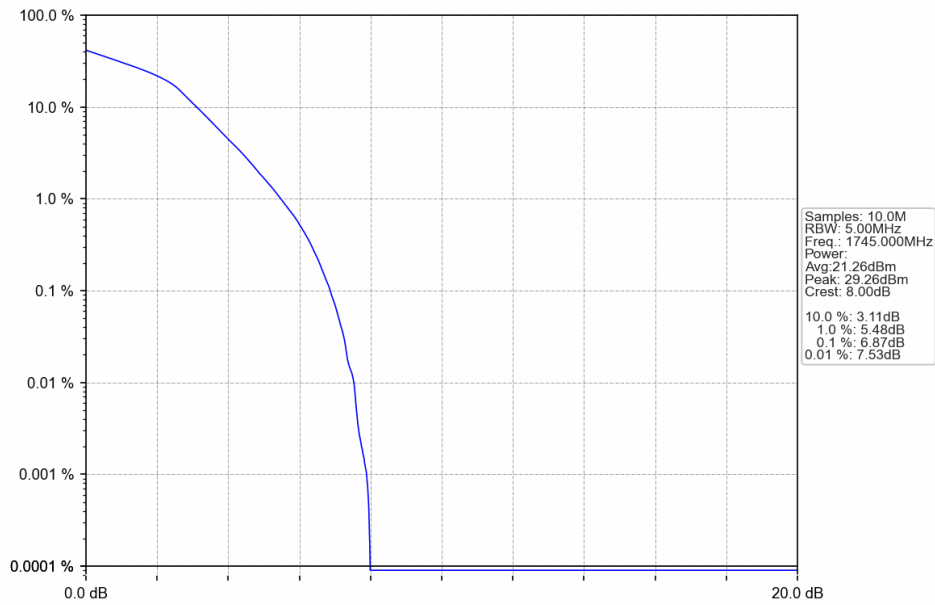


Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV

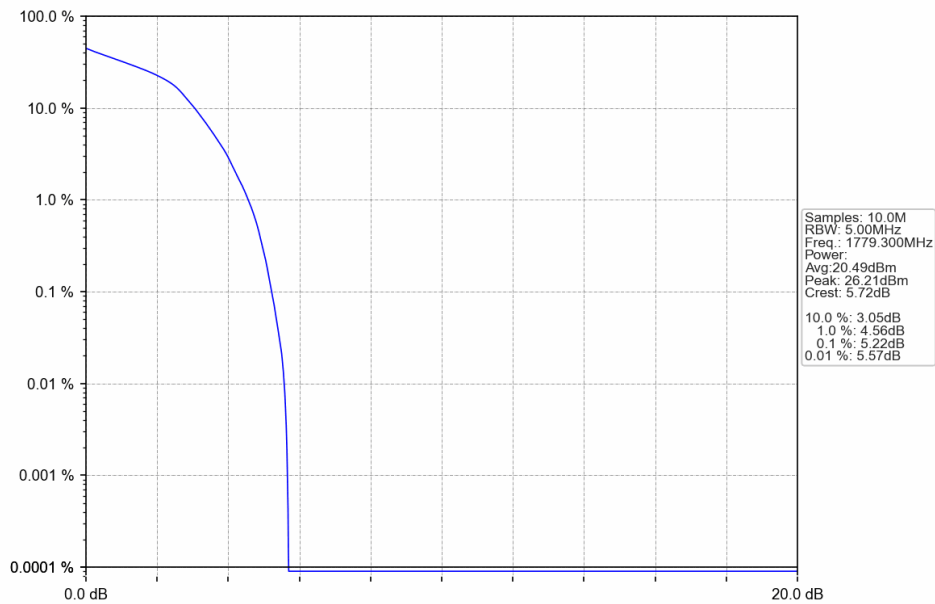




Band66\_1.4MHz\_16QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV



Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV





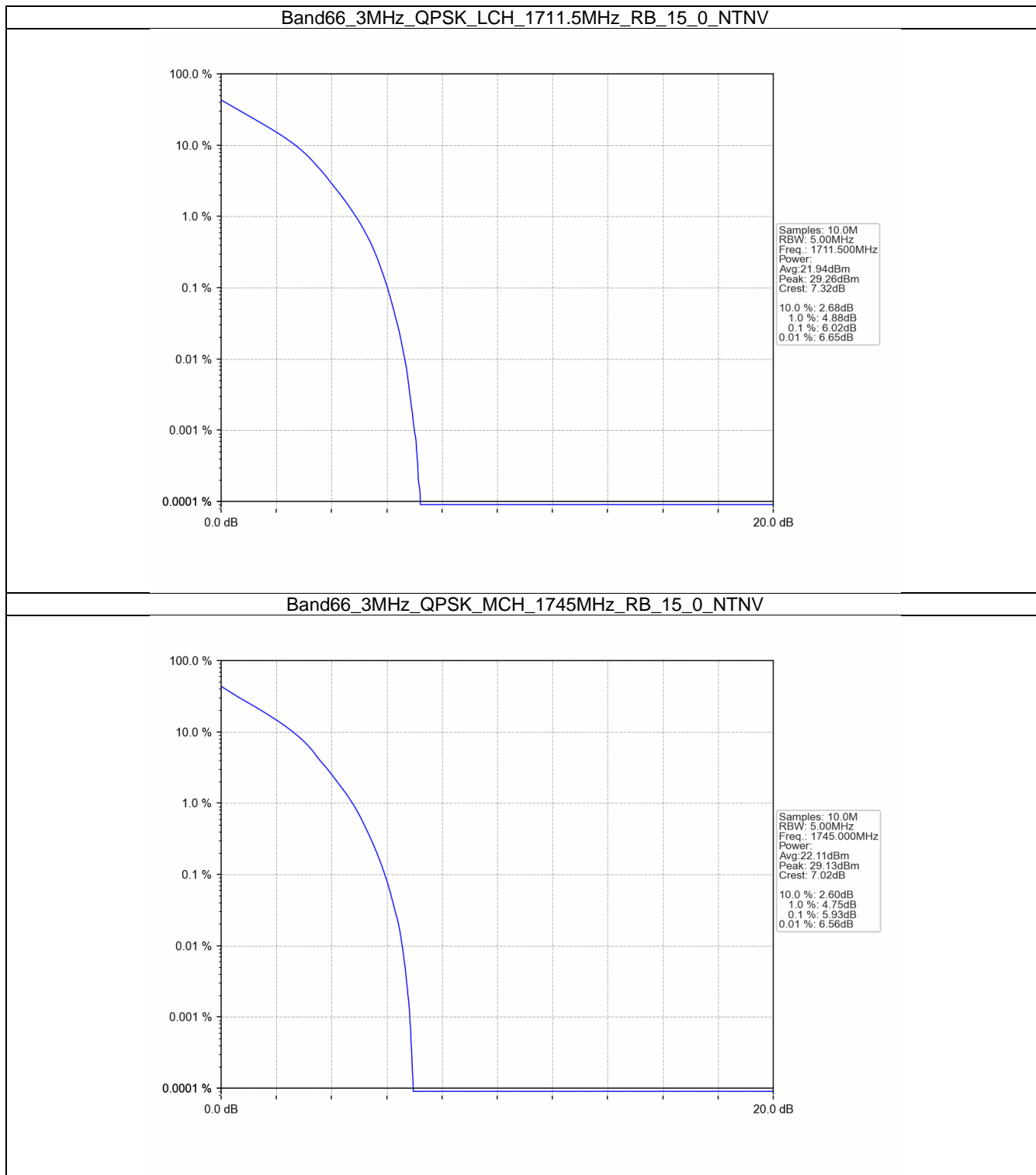
## 5.2 B66\_3MHz

### 5.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	6.02	<=13	Pass
	1745	15	0	5.93	<=13	Pass
	1778.5	15	0	4.85	<=13	Pass
16QAM	1711.5	15	0	6.89	<=13	Pass
	1745	15	0	6.87	<=13	Pass
	1778.5	15	0	5.71	<=13	Pass

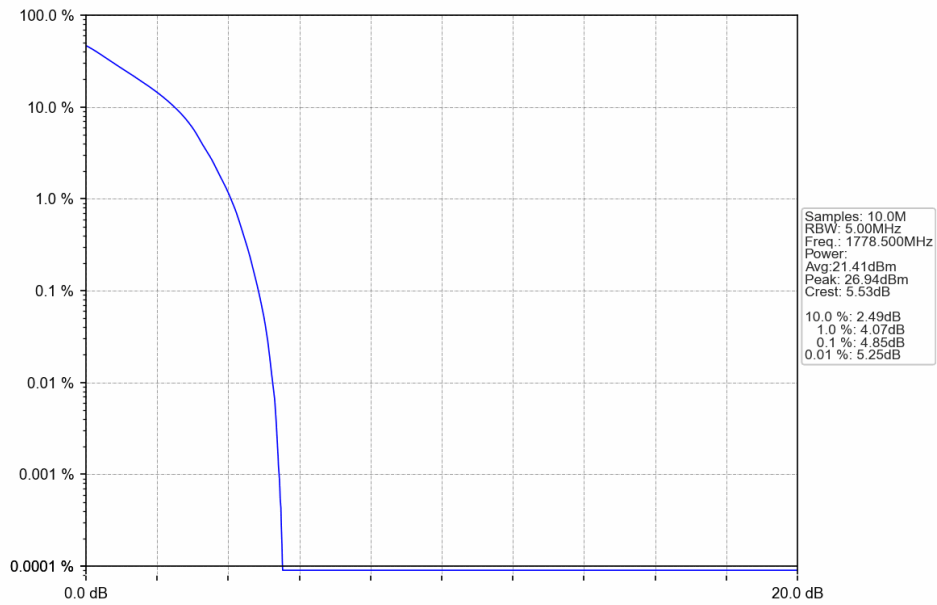


### 5.2.2 Test Graph

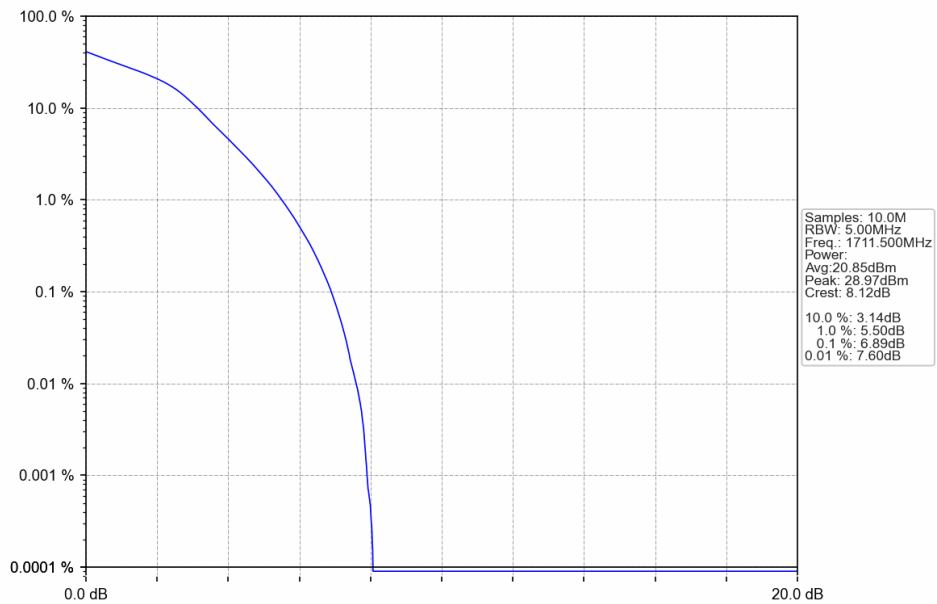




Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV

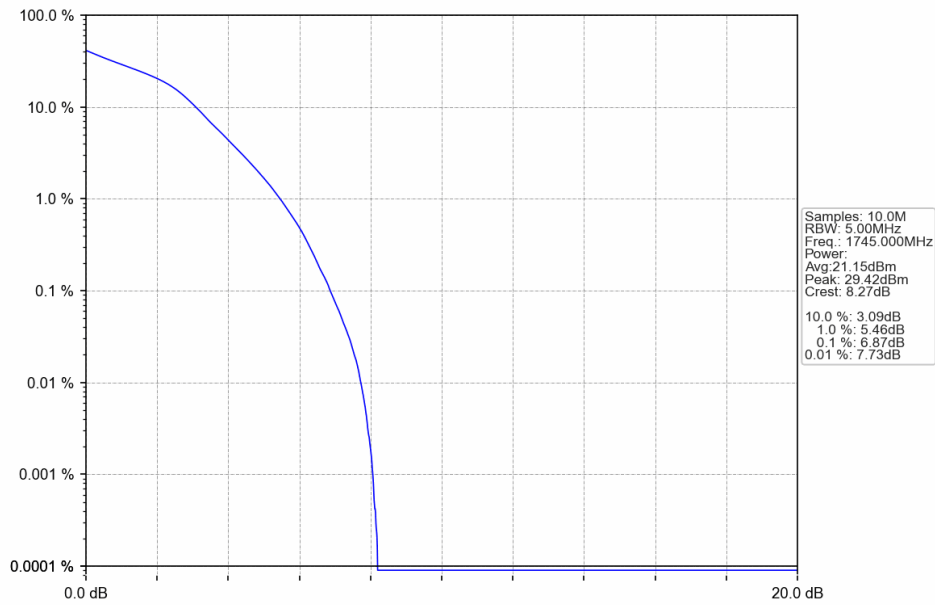


Band66\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV

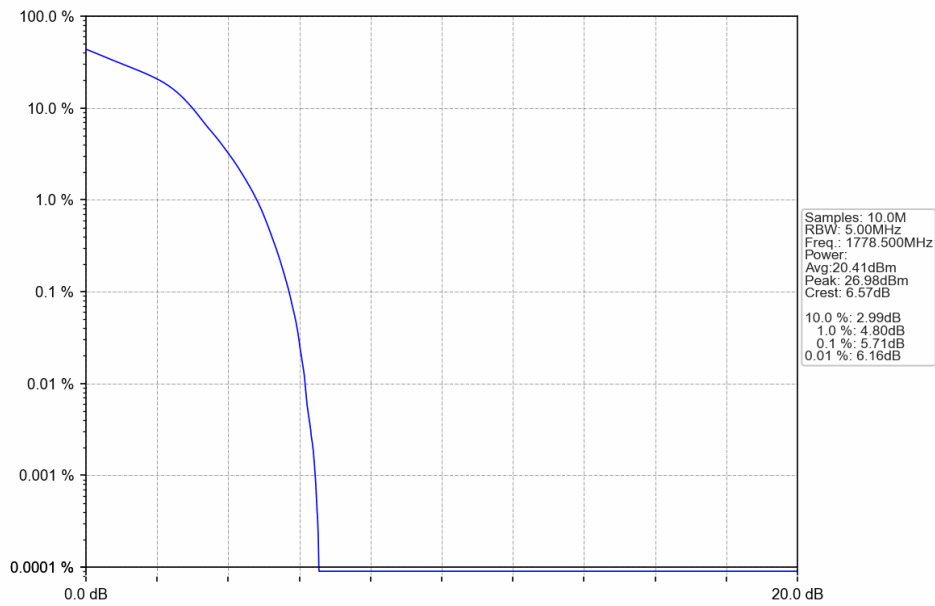




Band66\_3MHz\_16QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



Band66\_3MHz\_16QAM\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV







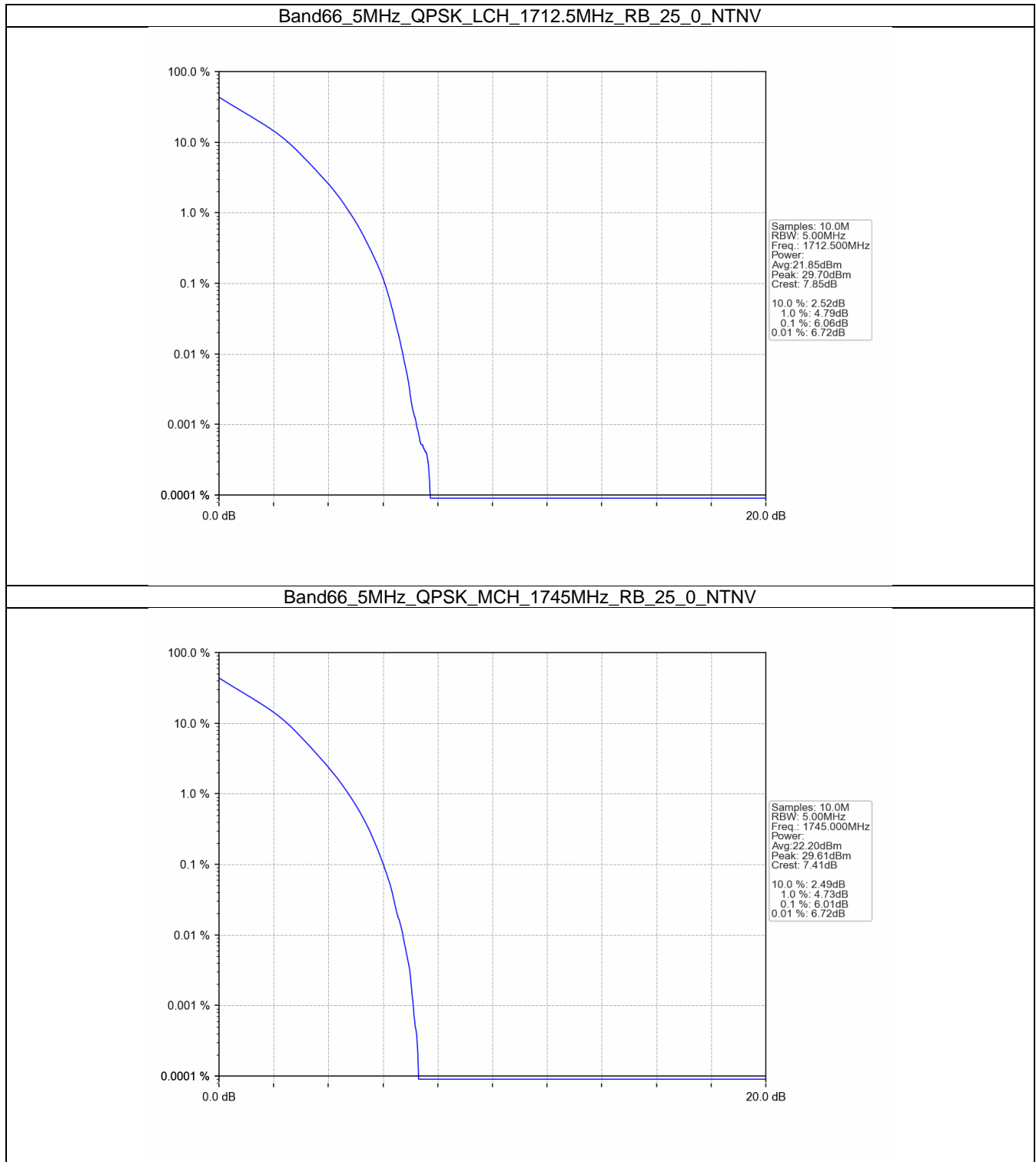
### 5.3 B66\_5MHz

#### 5.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	6.06	<=13	Pass
	1745	25	0	6.01	<=13	Pass
	1777.5	25	0	5.37	<=13	Pass
16QAM	1712.5	25	0	6.82	<=13	Pass
	1745	25	0	6.74	<=13	Pass
	1777.5	25	0	6.13	<=13	Pass

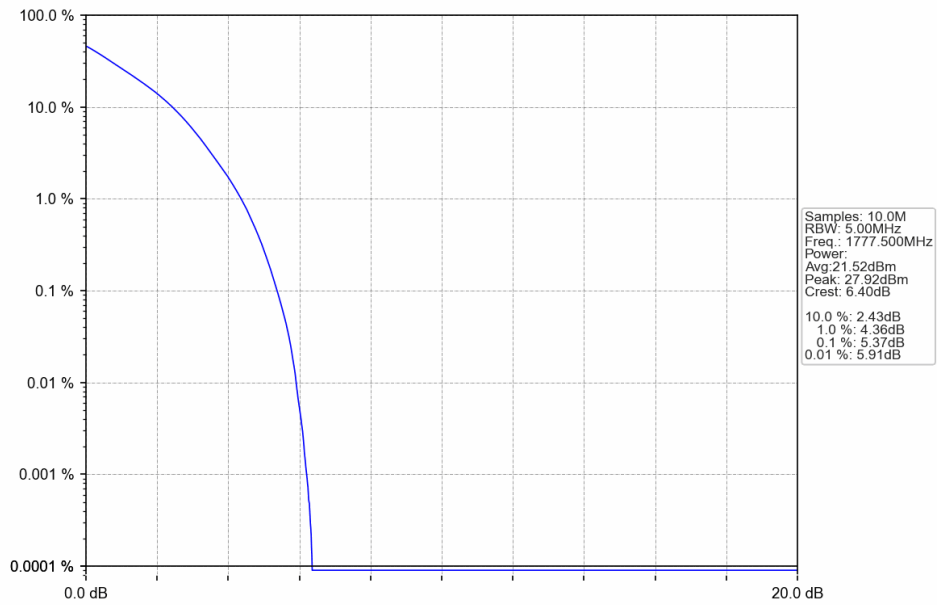


### 5.3.2 Test Graph

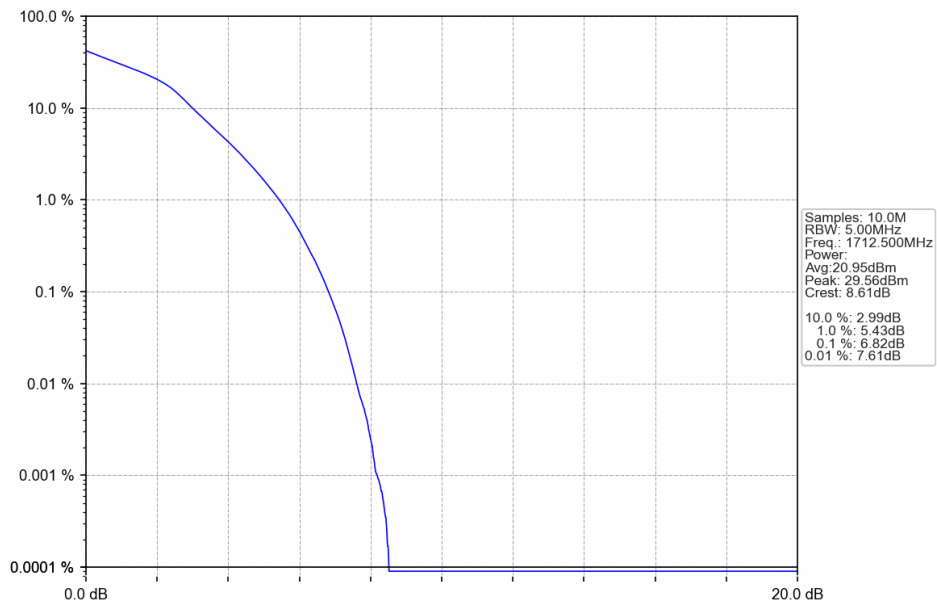




Band66\_5MHz\_QPSK\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV

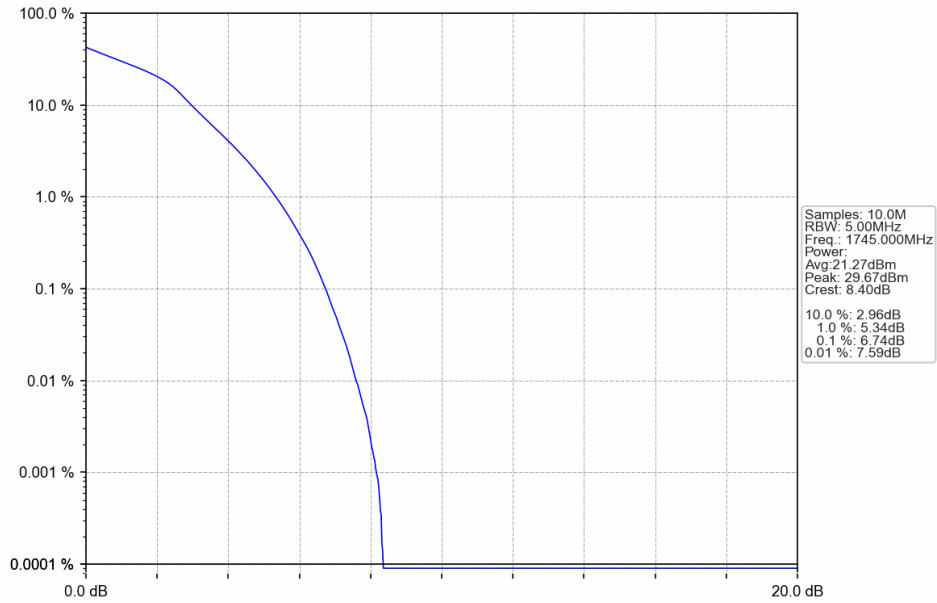


Band66\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV

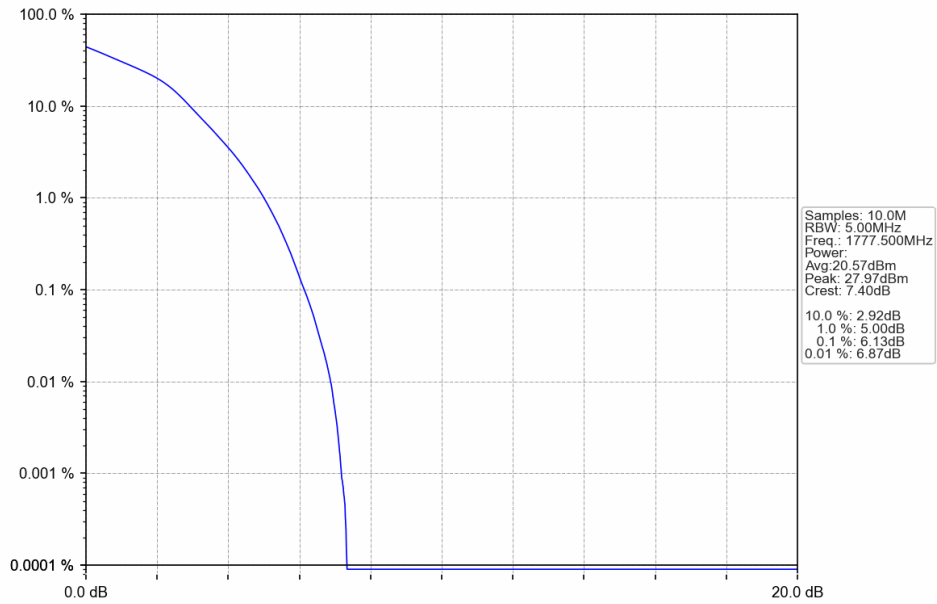




Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



Band66\_5MHz\_16QAM\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV





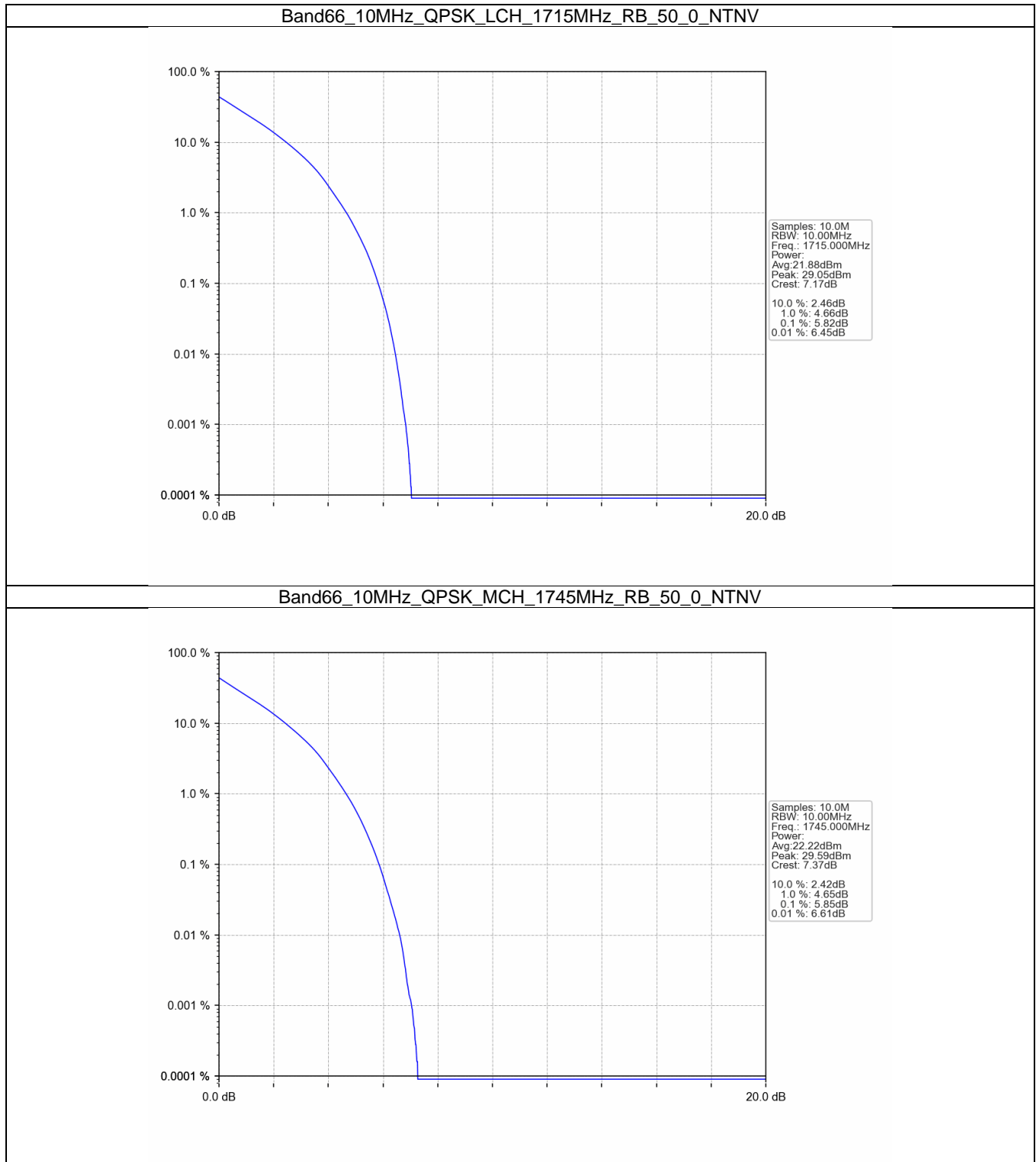
### 5.4 B66\_10MHz

#### 5.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.82	<=13	Pass
	1745	50	0	5.85	<=13	Pass
	1775	50	0	5.64	<=13	Pass
16QAM	1715	50	0	6.68	<=13	Pass
	1745	50	0	6.65	<=13	Pass
	1775	50	0	6.46	<=13	Pass

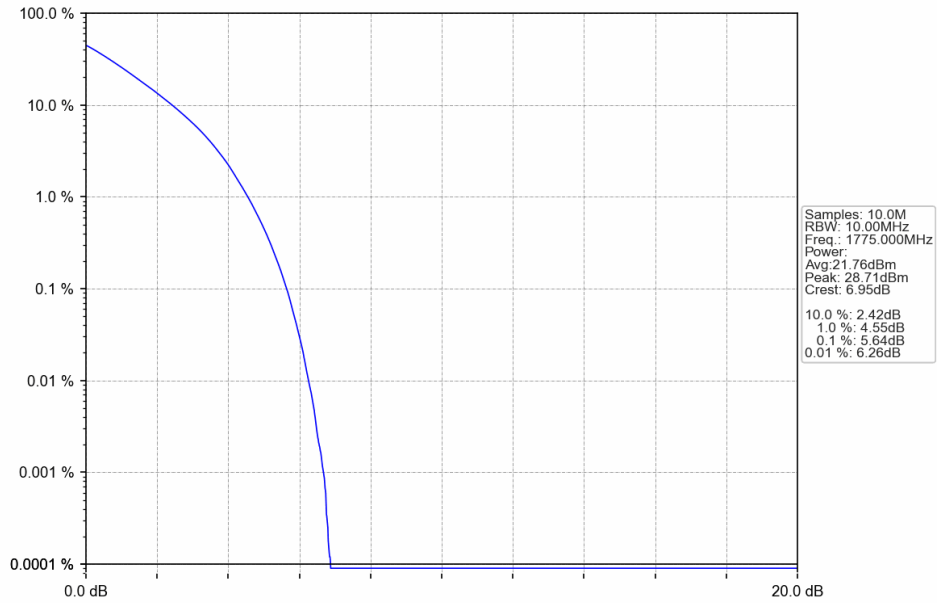


### 5.4.2 Test Graph

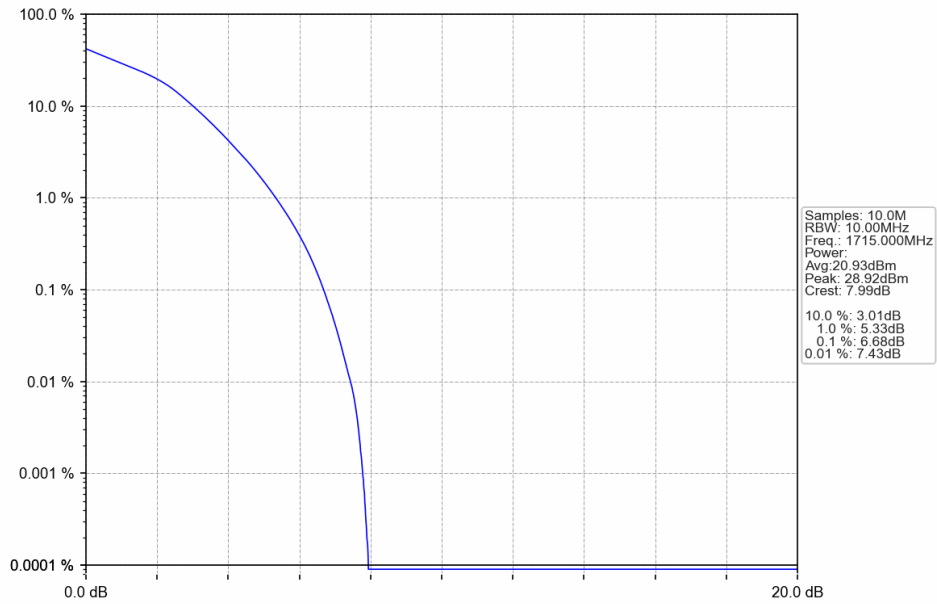




Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_50\_0\_NTNV

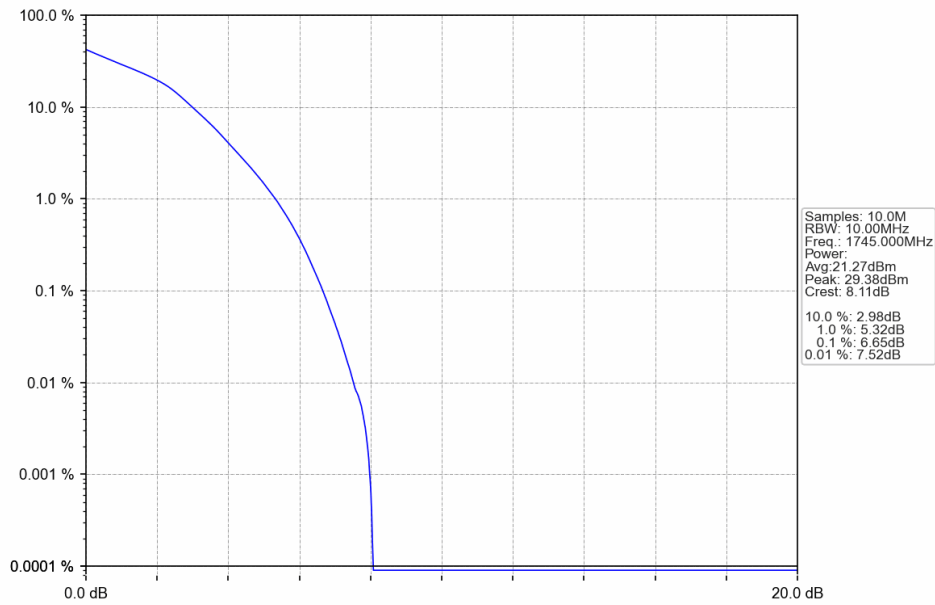


Band66\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_50\_0\_NTNV

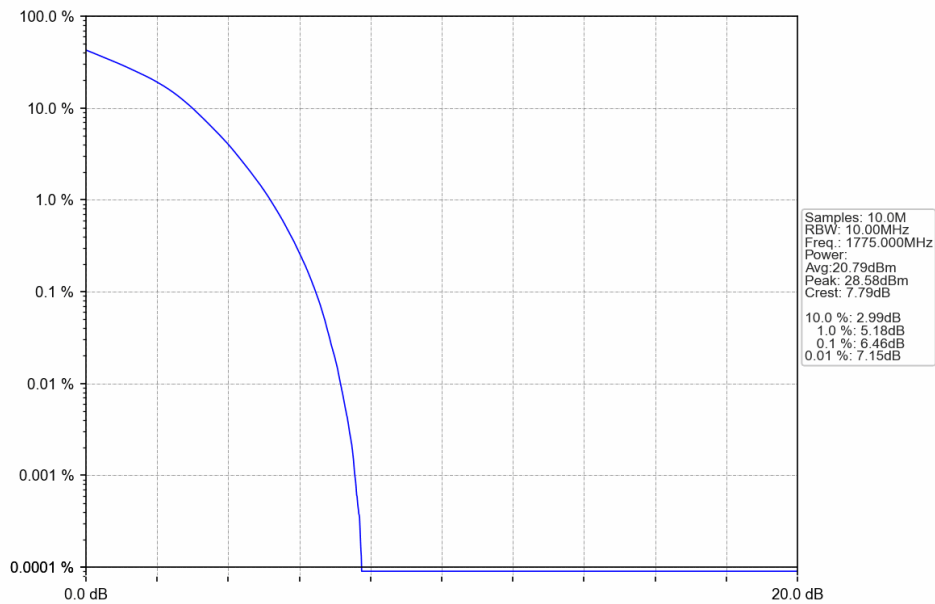




Band66\_10MHz\_16QAM\_MCH\_1745MHz\_RB\_50\_0\_NTNV



Band66\_10MHz\_16QAM\_HCH\_1775MHz\_RB\_50\_0\_NTNV







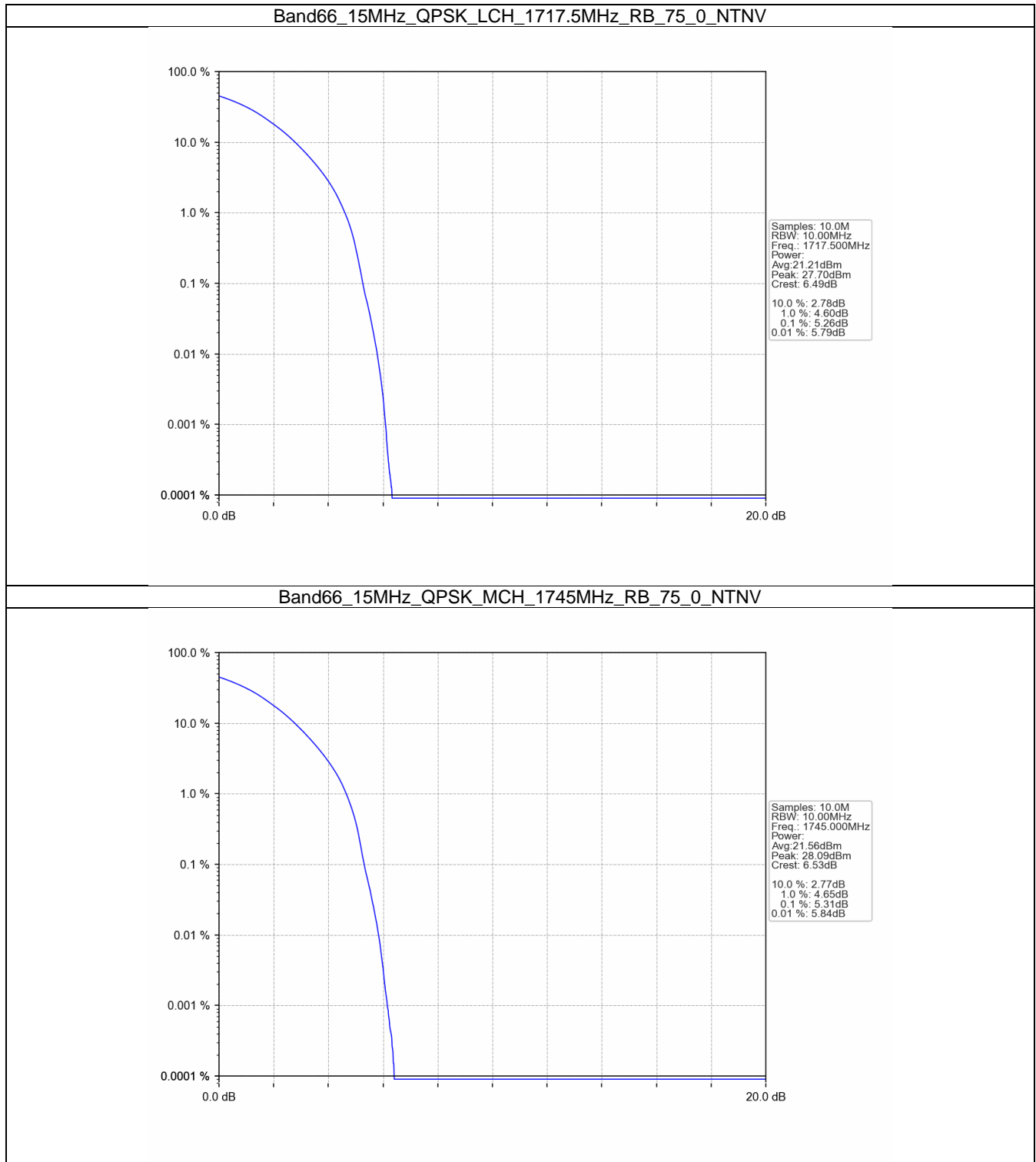
### 5.5 B66\_15MHz

#### 5.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.26	<=13	Pass
	1745	75	0	5.31	<=13	Pass
	1772.5	75	0	5.44	<=13	Pass
16QAM	1717.5	75	0	6.33	<=13	Pass
	1745	75	0	6.41	<=13	Pass
	1772.5	75	0	6.45	<=13	Pass

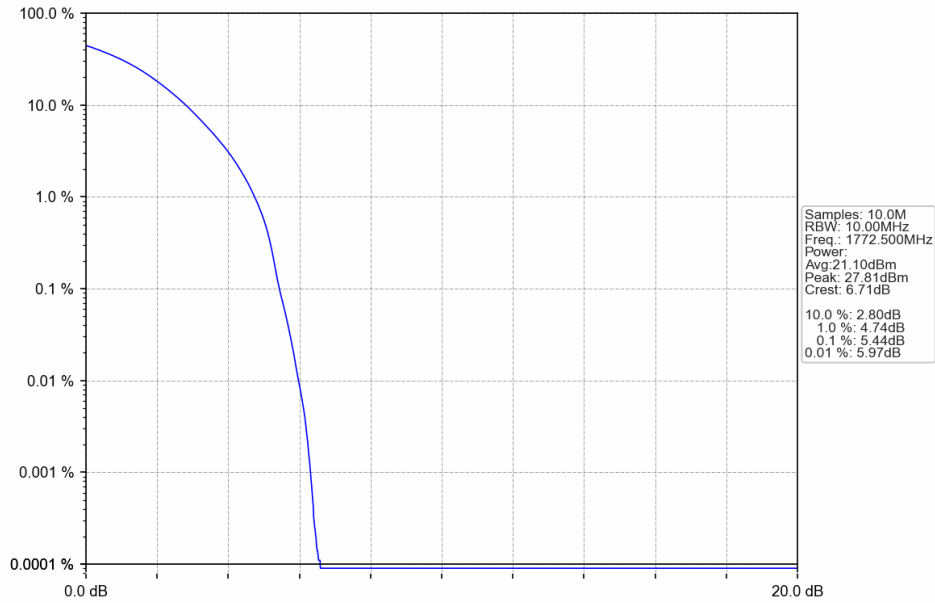


### 5.5.2 Test Graph

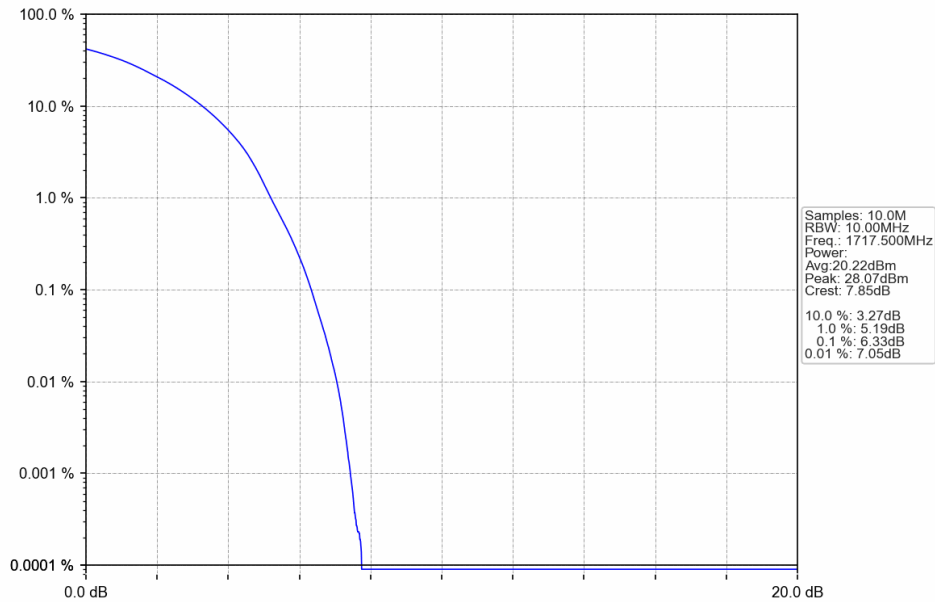




Band66\_15MHz\_QPSK\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV

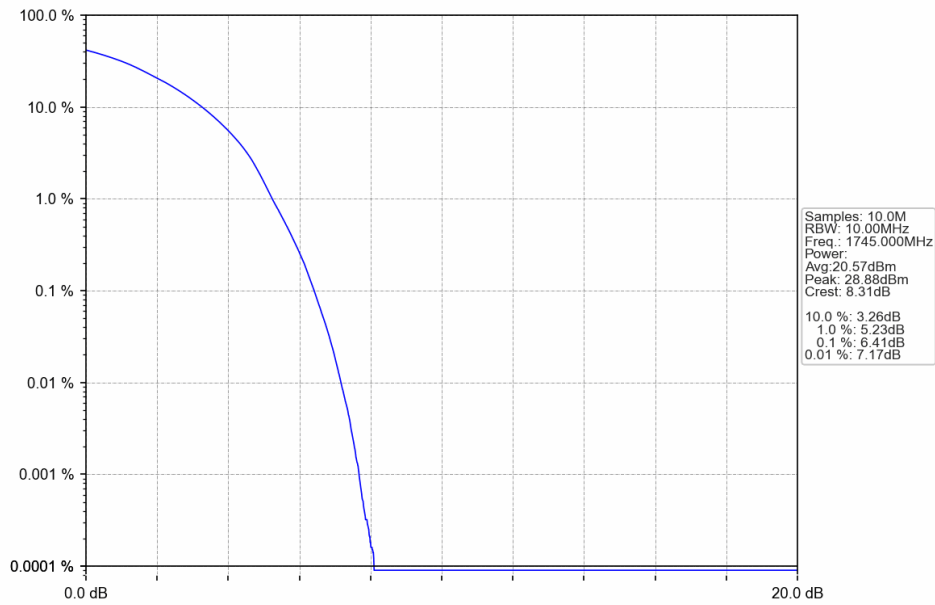


Band66\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV

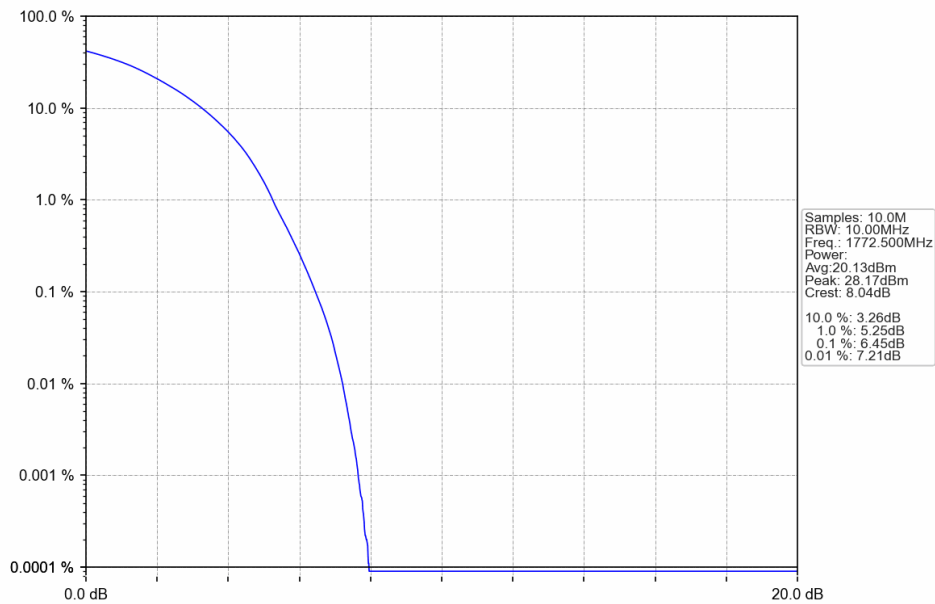




Band66\_15MHz\_16QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV



Band66\_15MHz\_16QAM\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV





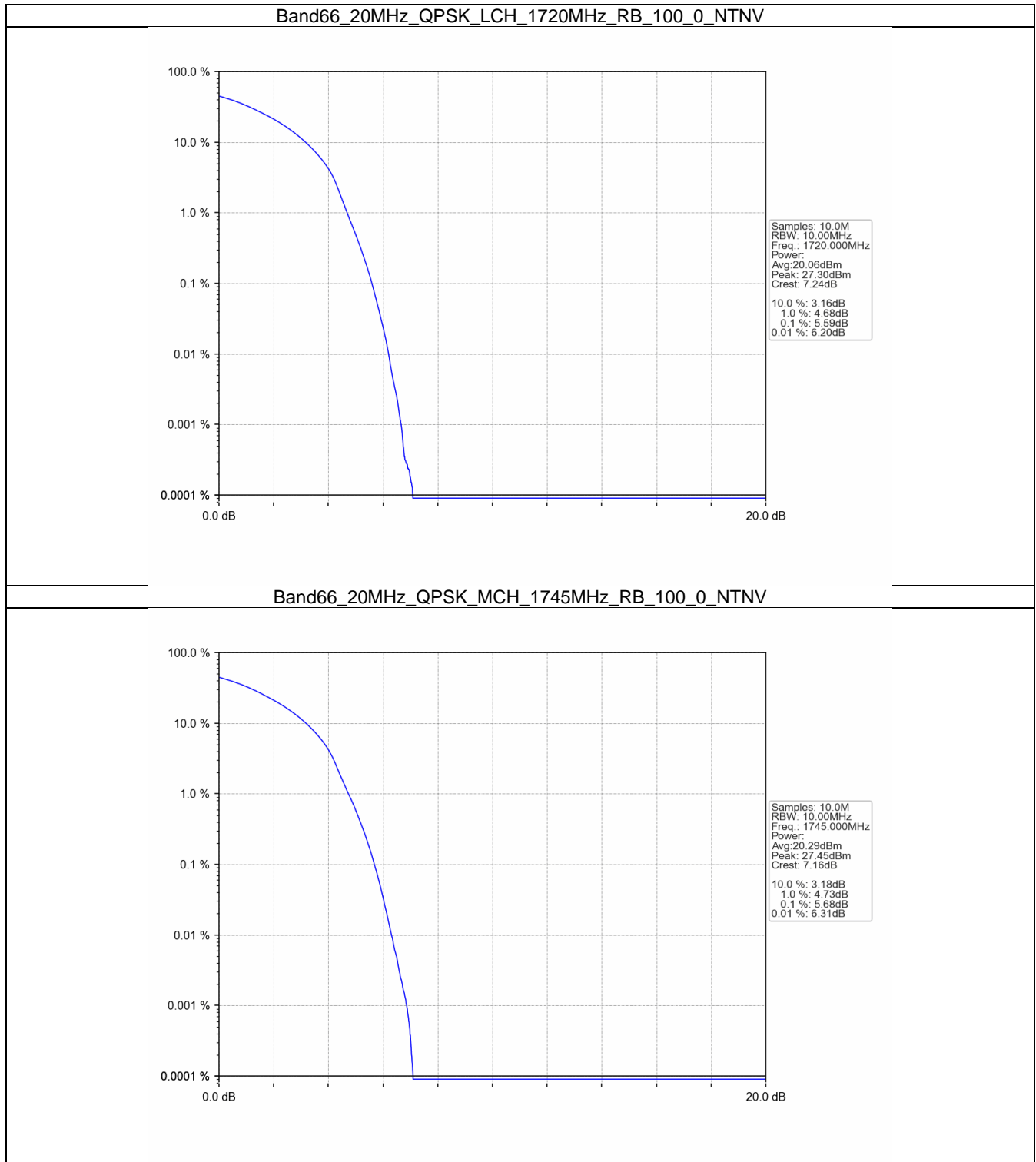
## 5.6 B66\_20MHz

### 5.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.59	<=13	Pass
	1745	100	0	5.68	<=13	Pass
	1770	100	0	5.78	<=13	Pass
16QAM	1720	100	0	6.71	<=13	Pass
	1745	100	0	6.74	<=13	Pass
	1770	100	0	6.76	<=13	Pass

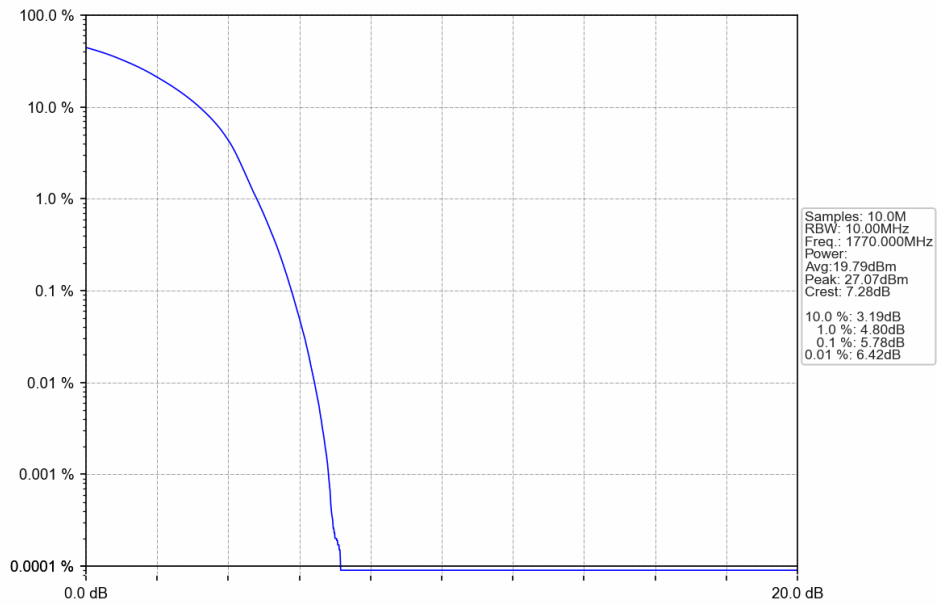


### 5.6.2 Test Graph

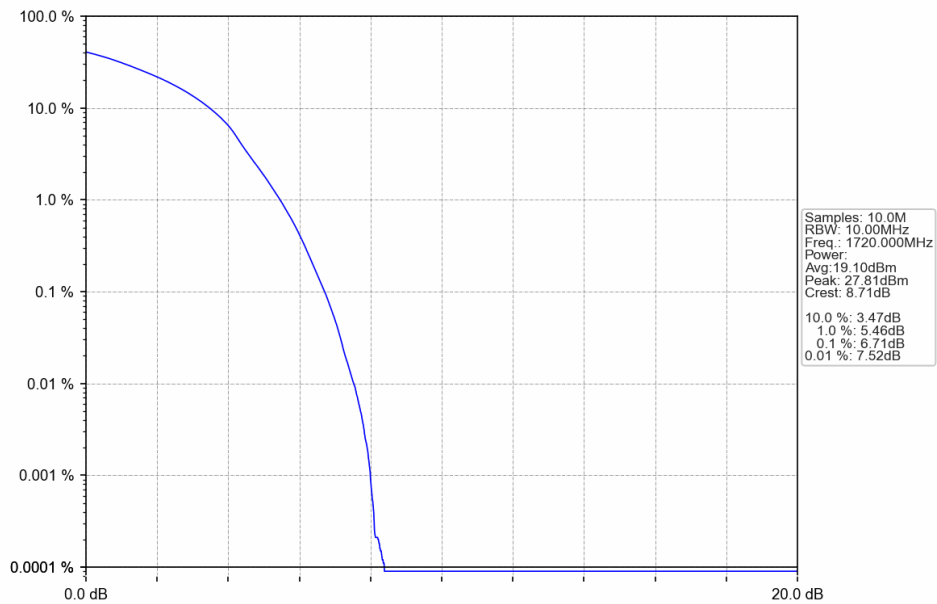




Band66\_20MHz\_QPSK\_HCH\_1770MHz\_RB\_100\_0\_NTNV

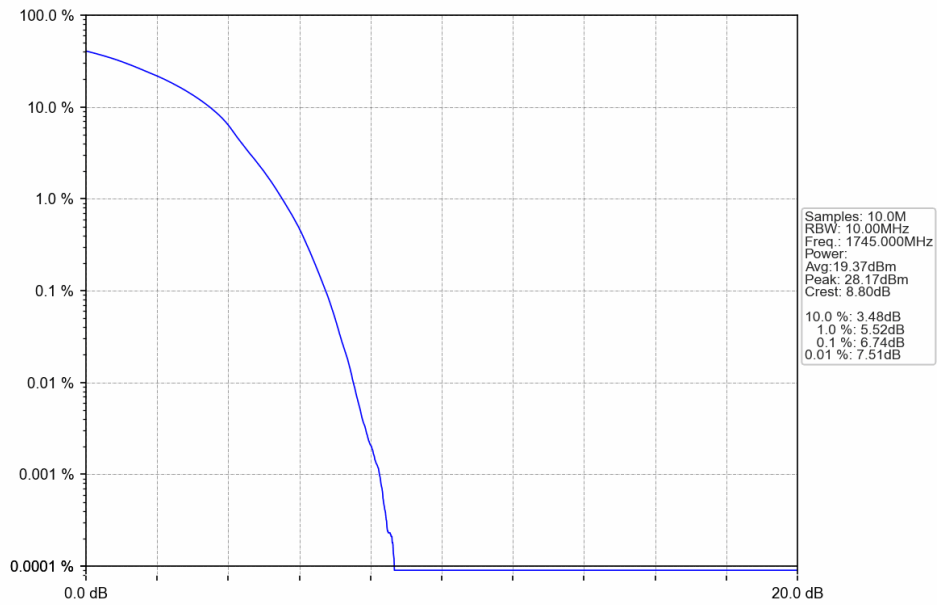


Band66\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV

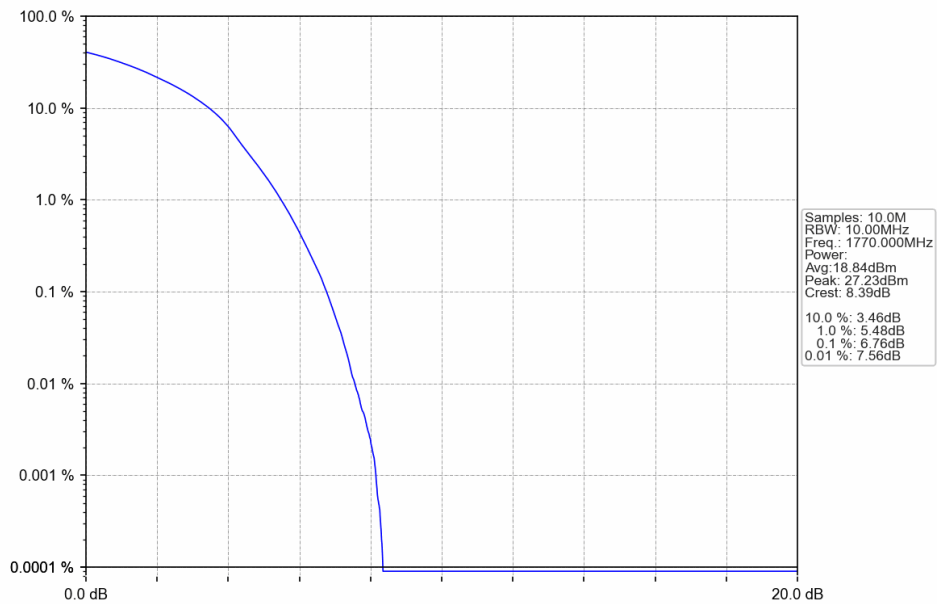




Band66\_20MHz\_16QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV



Band66\_20MHz\_16QAM\_HCH\_1770MHz\_RB\_100\_0\_NTNV







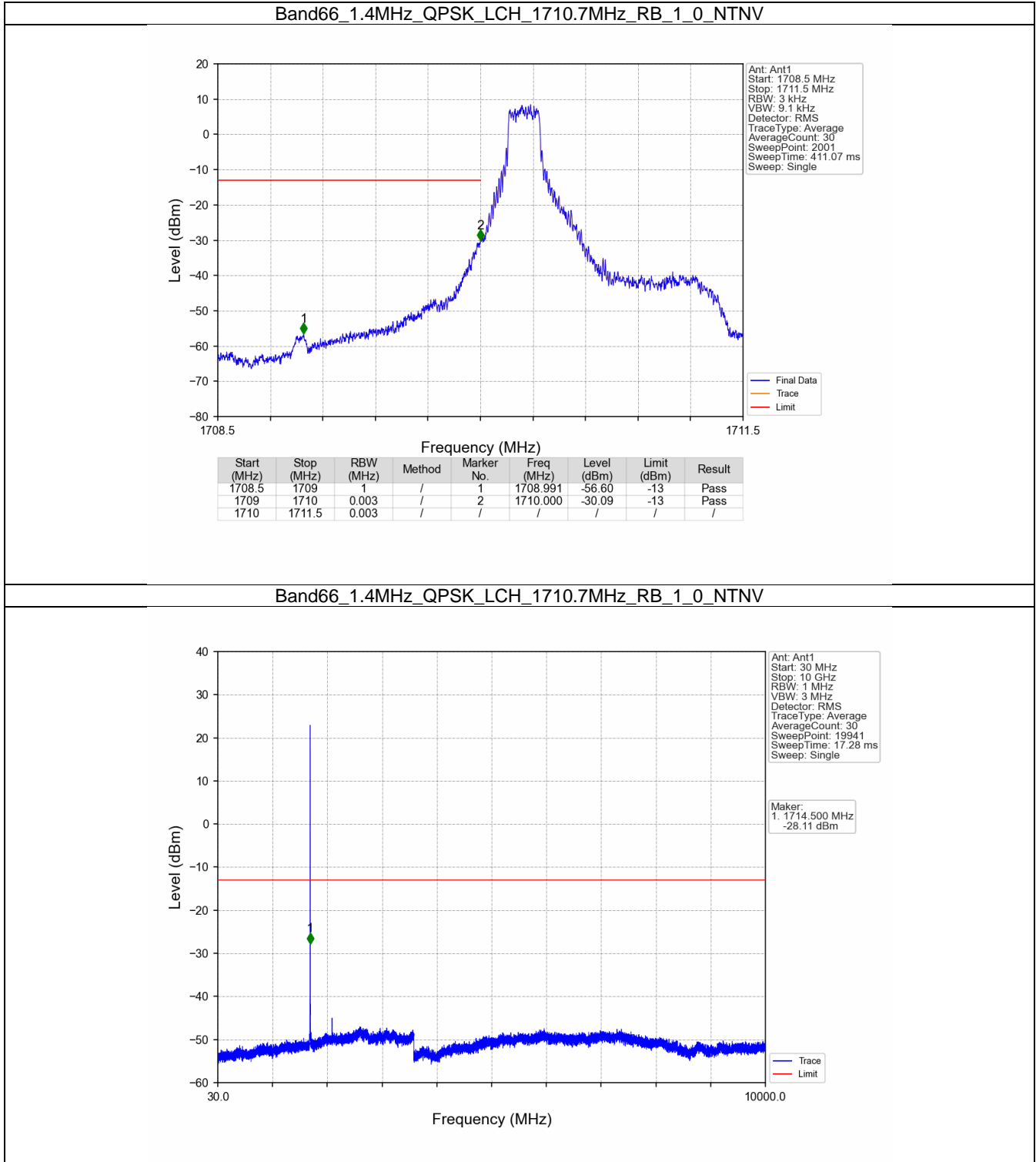
## 6. Spurious Emission

### 6.1 B66\_1.4MHz

#### 6.1.1 Test Result

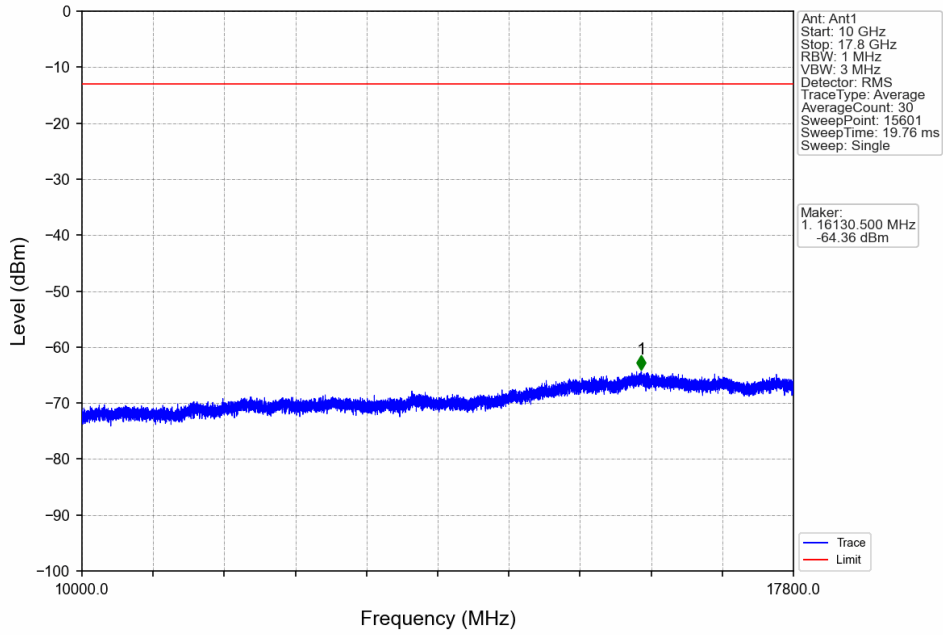
Band: 66 / Bandwidth: 1.4MHz / NTNV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1710.7	1	0	Refer To Test Graph		Pass	
		6	0	Refer To Test Graph		Pass	
	1779.3	1745	1	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass	
			6	0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass	
		6	0	Refer To Test Graph		Pass	
	1779.3	1745	1	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass	
			6	0	Refer To Test Graph		Pass

### 6.1.2 Test Graph

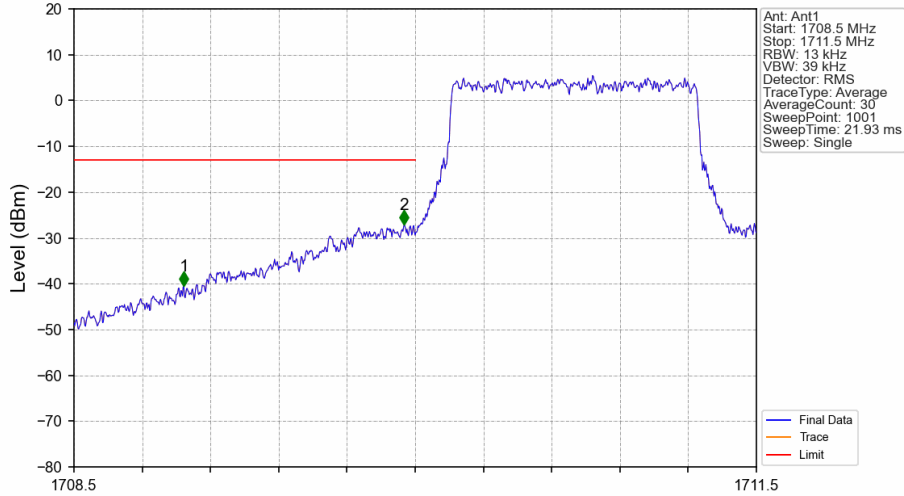




Band66\_1.4MHz\_QPSK\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV



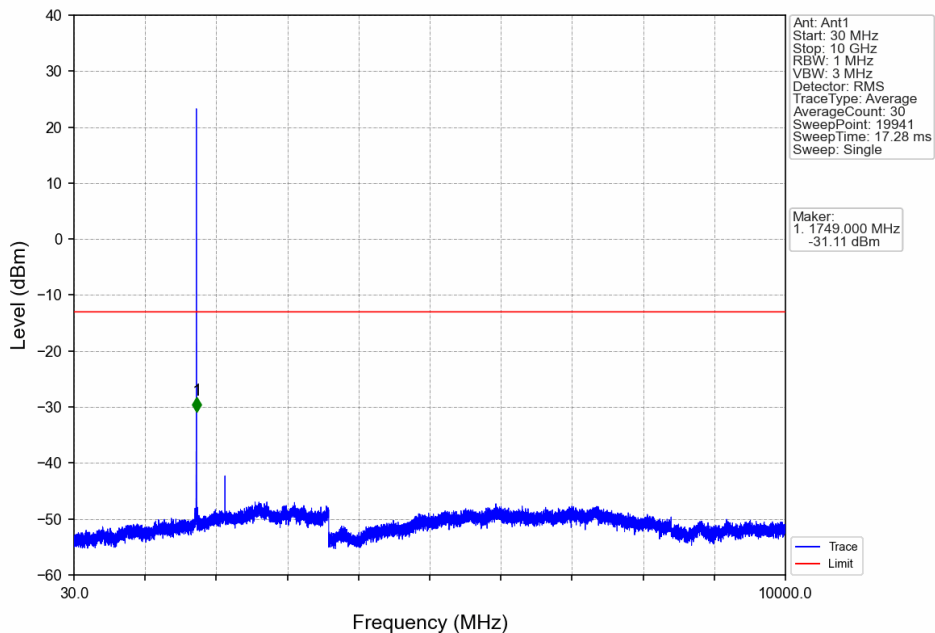
Band66\_1.4MHz\_QPSK\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



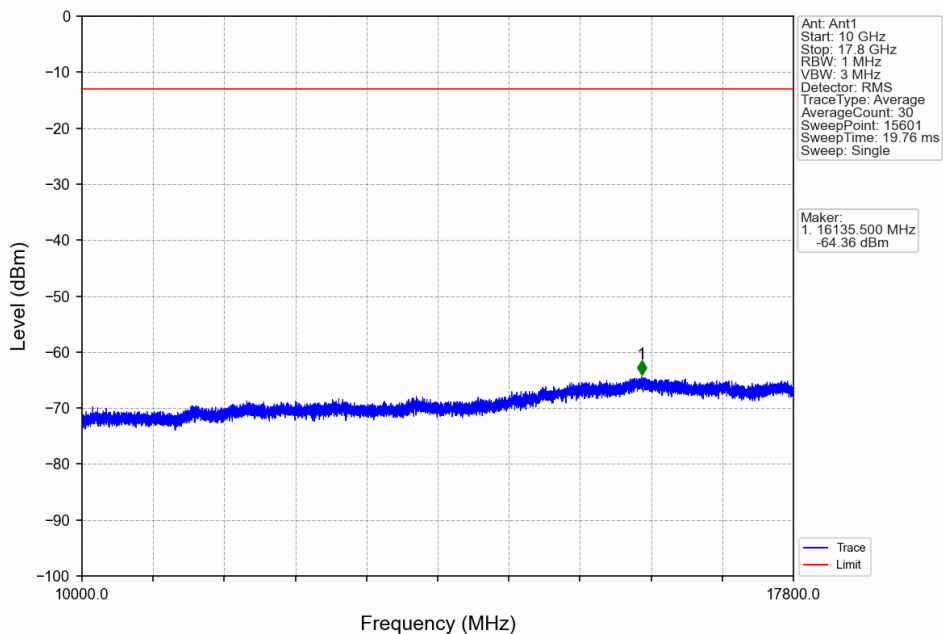
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.983	-40.50	-13	Pass
1709	1710	0.013	/	2	1709.952	-27.07	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/



Band66\_1.4MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV

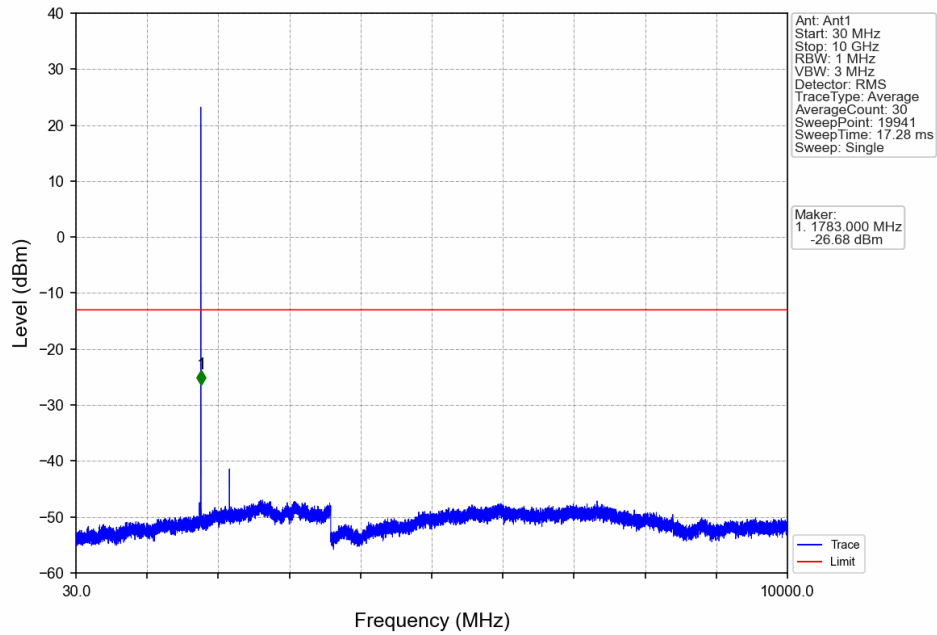


Band66\_1.4MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV

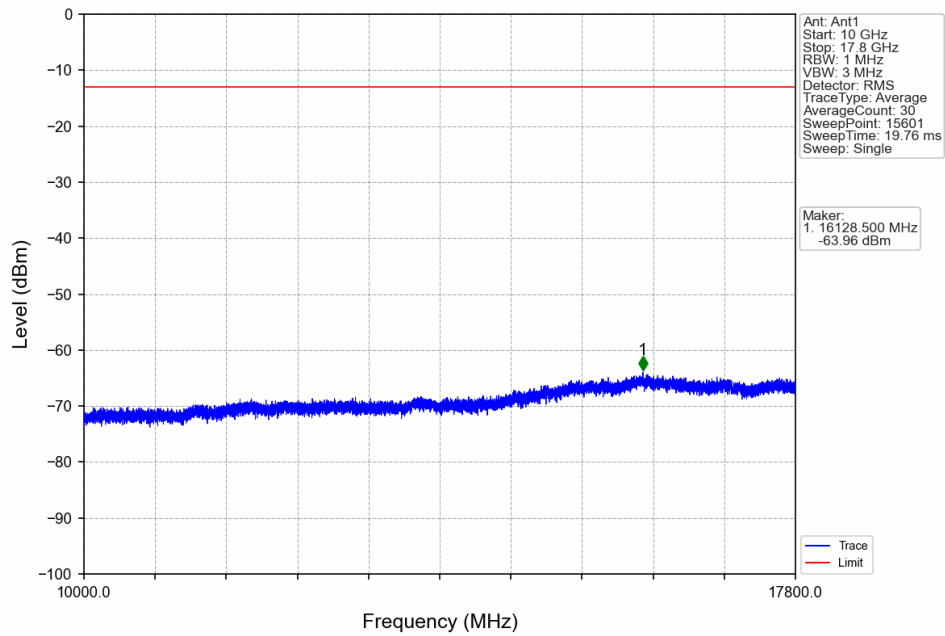




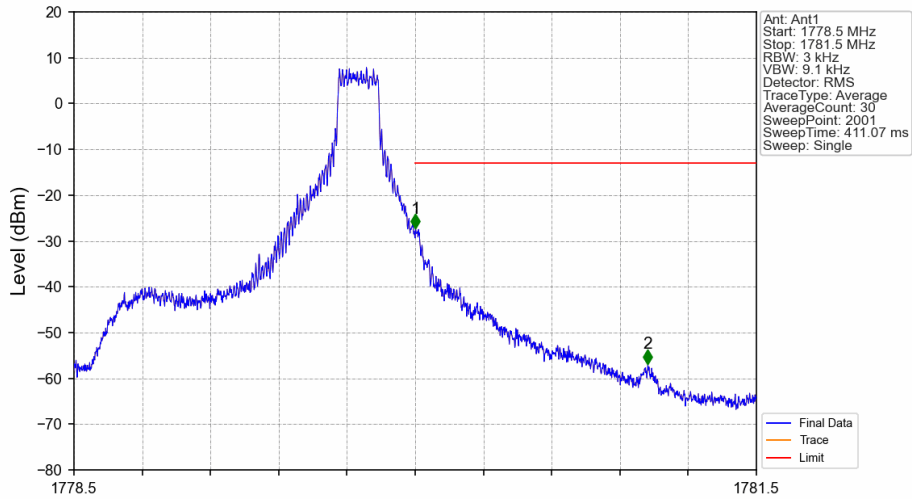
Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_1\_0\_NTNV



Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_1\_0\_NTNV

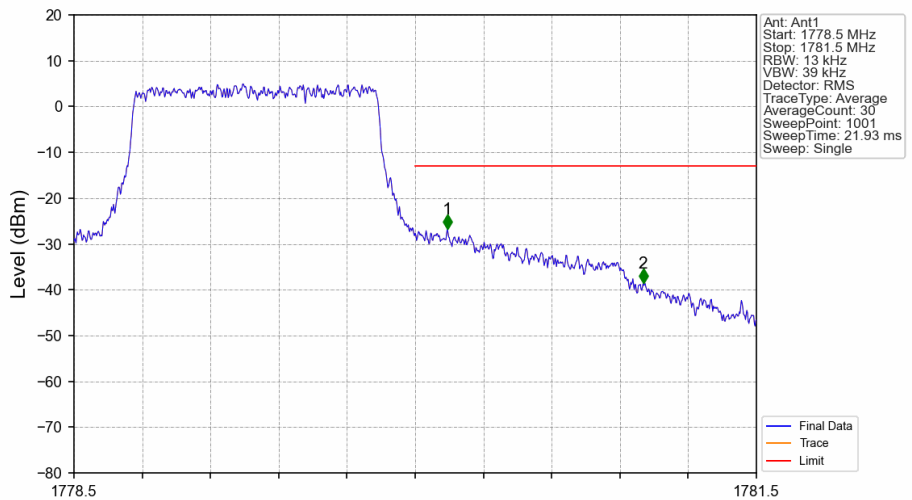


Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_1\_5\_NTNV



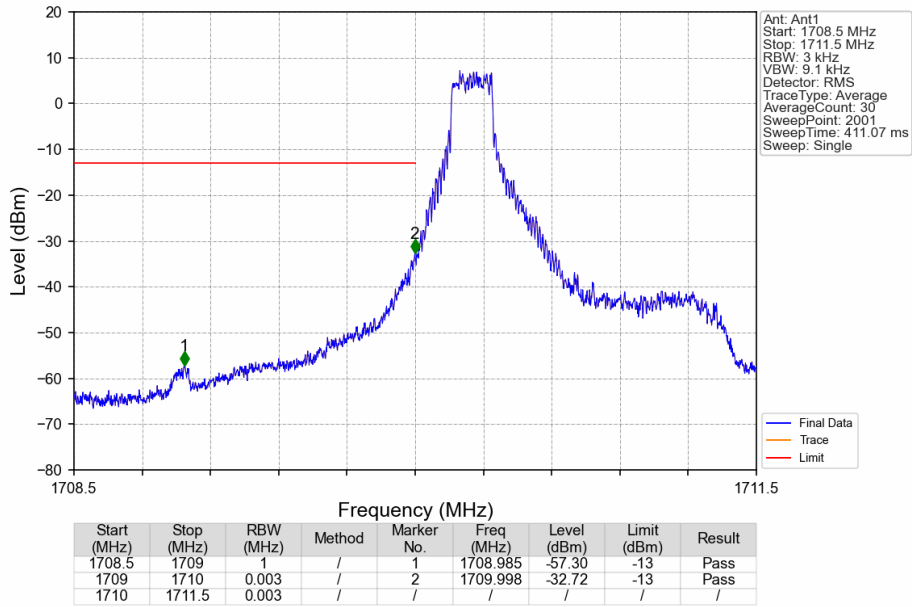
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1778.5	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.002	-27.33	-13	Pass
1781	1781.5	1	/	2	1781.023	-56.81	-13	Pass

Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV

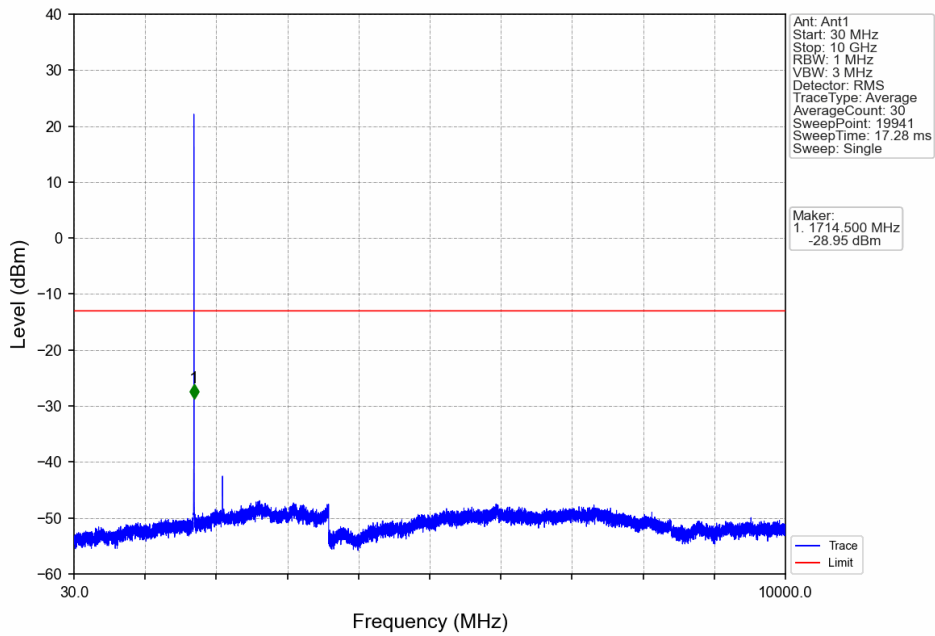


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1778.5	1780	0.013	/	/	/	/	/	/
1780	1781	0.013	/	1	1780.141	-26.78	-13	Pass
1781	1781.5	1	/	2	1781.002	-38.61	-13	Pass

Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV

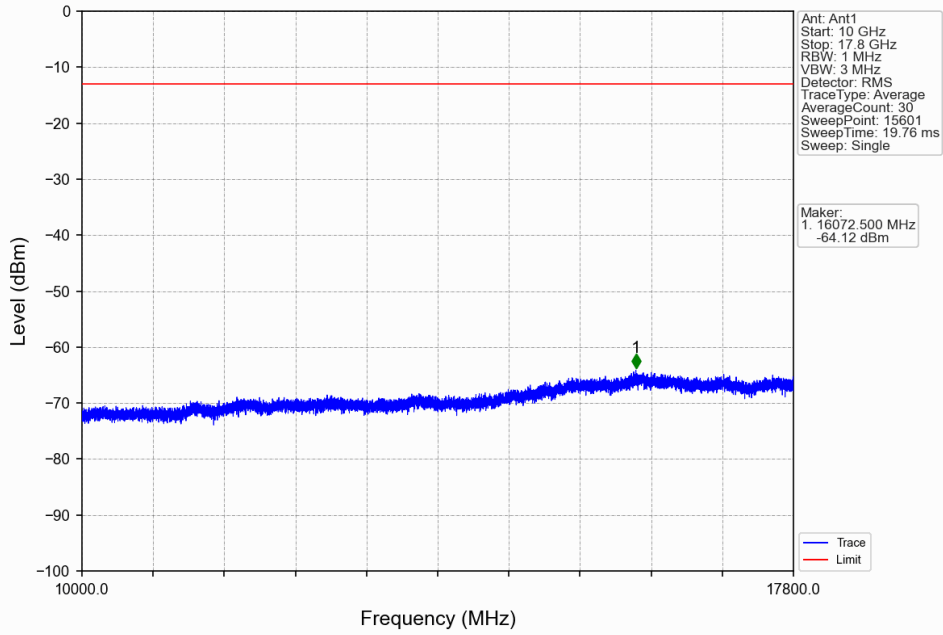


Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV

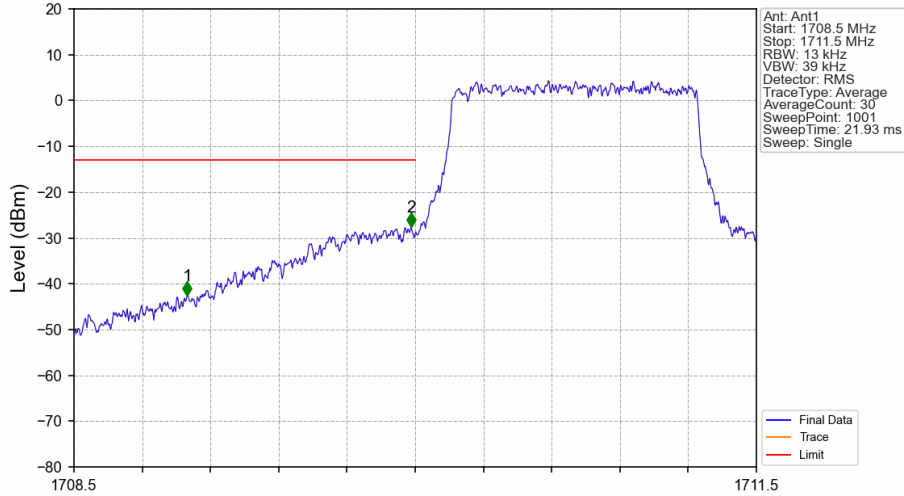




Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV

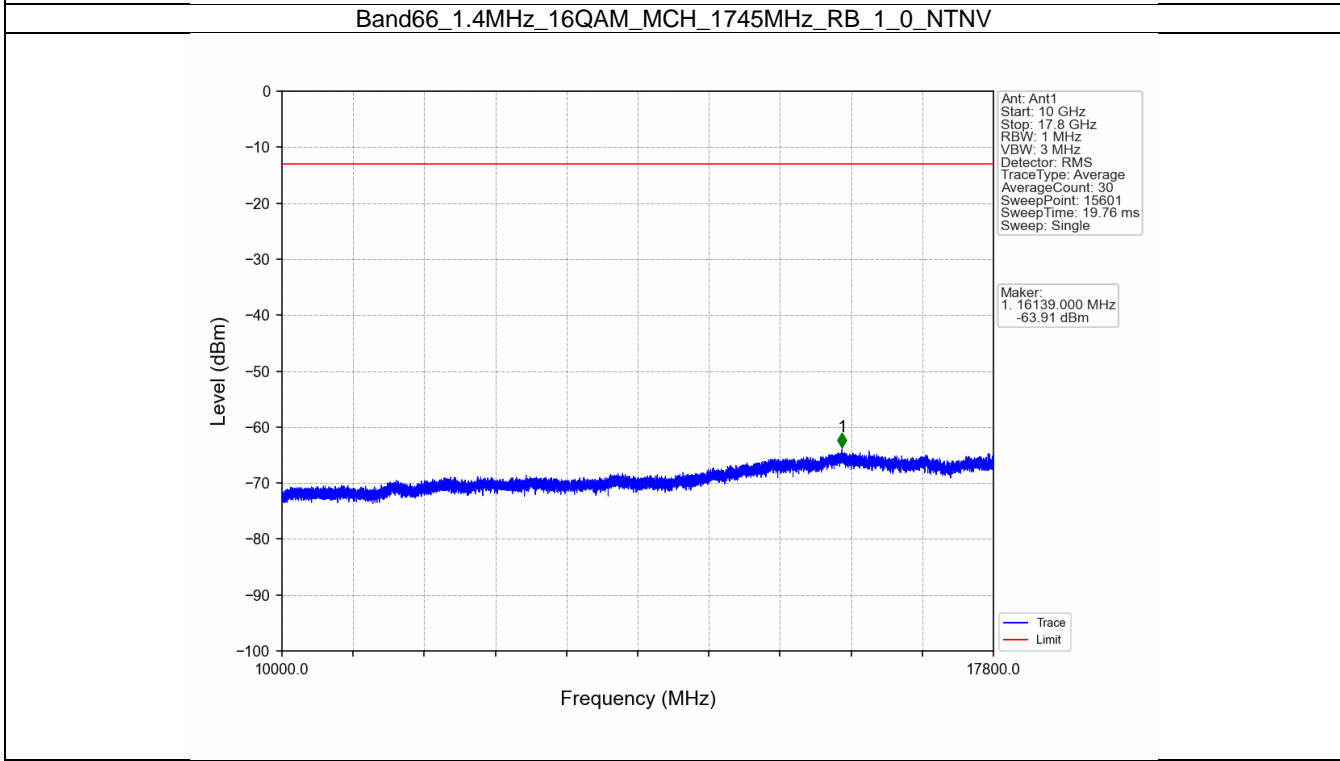
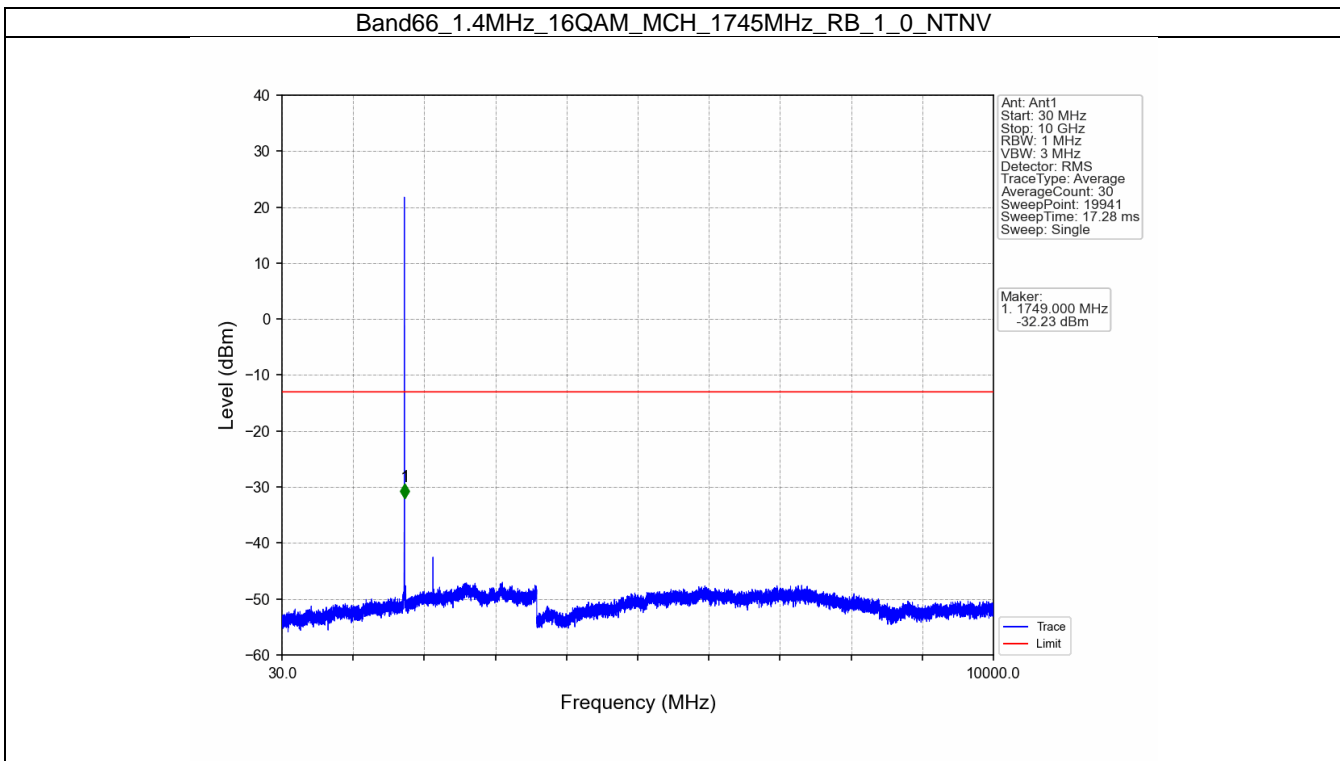


Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV

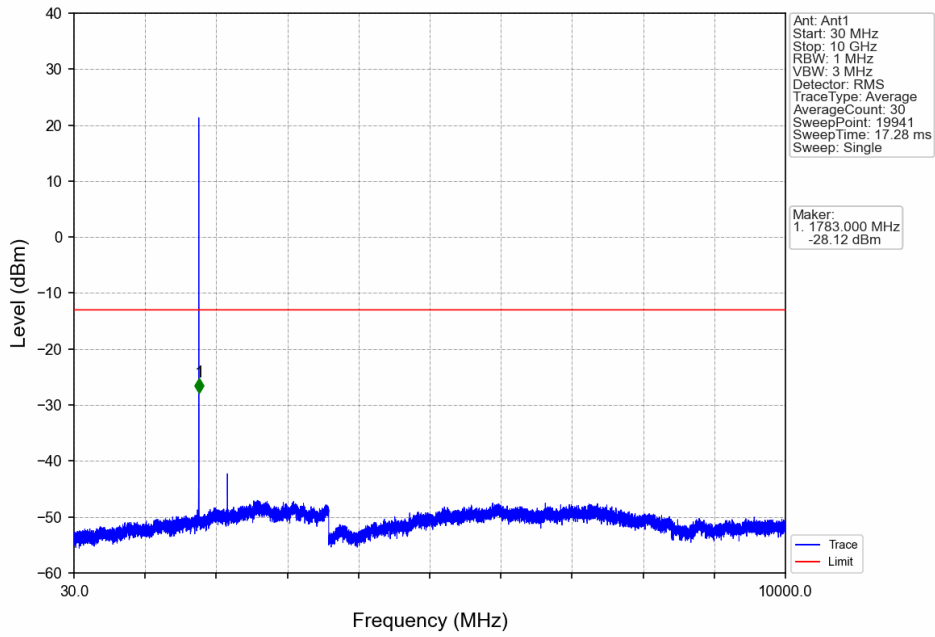


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.998	-42.66	-13	Pass
1709	1710	0.013	/	2	1709.982	-27.66	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

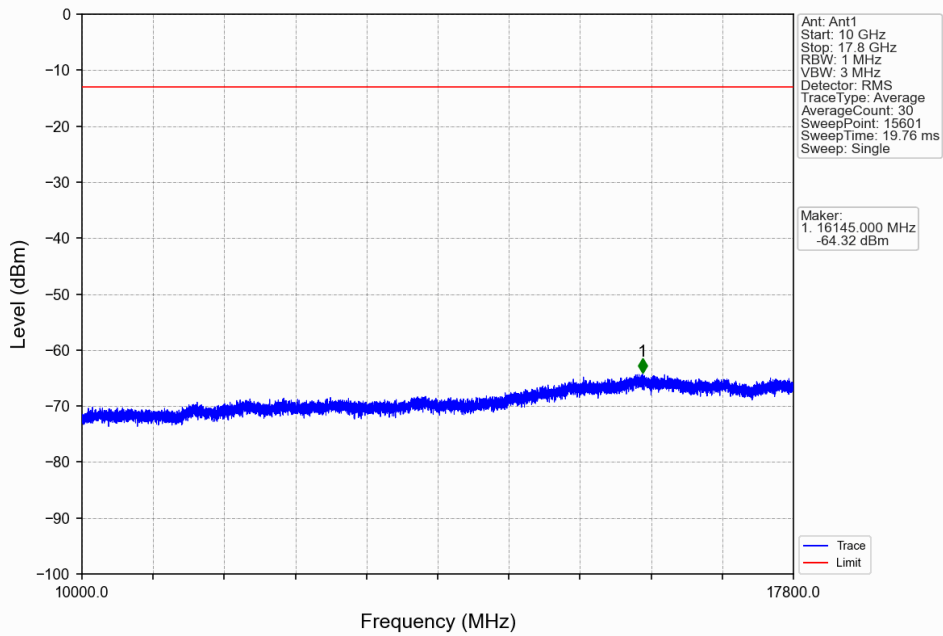




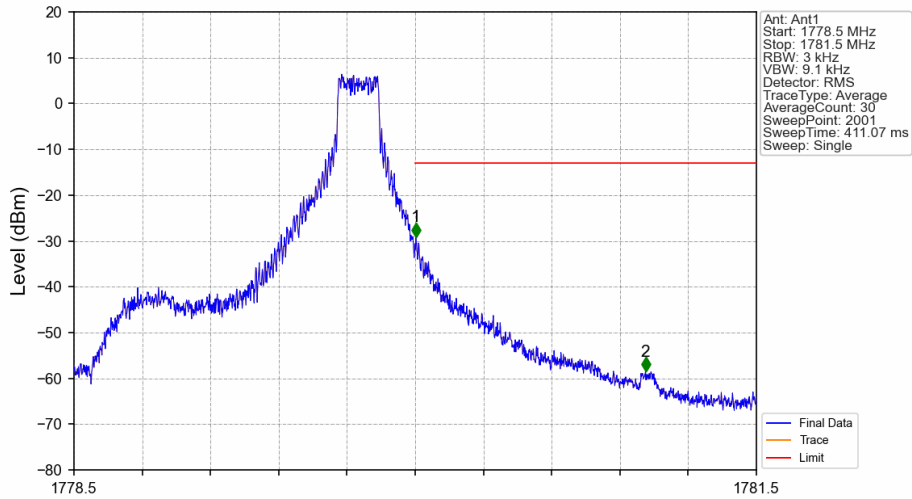
Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_1\_0\_NTNV



Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_1\_0\_NTNV

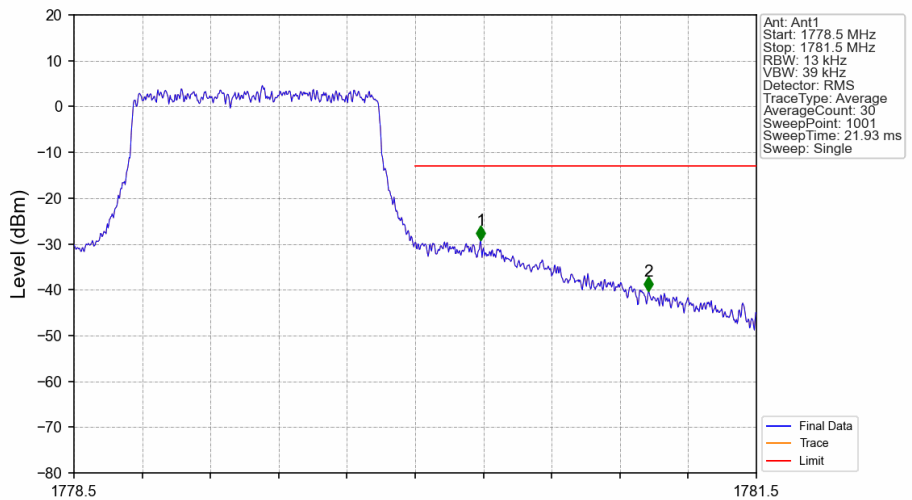


Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_1\_5\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1778.5	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.003	-29.15	-13	Pass
1781	1781.5	1	/	2	1781.013	-58.47	-13	Pass

Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1778.5	1780	0.013	/	/	/	/	/	/
1780	1781	0.013	/	1	1780.288	-29.19	-13	Pass
1781	1781.5	1	/	2	1781.026	-40.34	-13	Pass

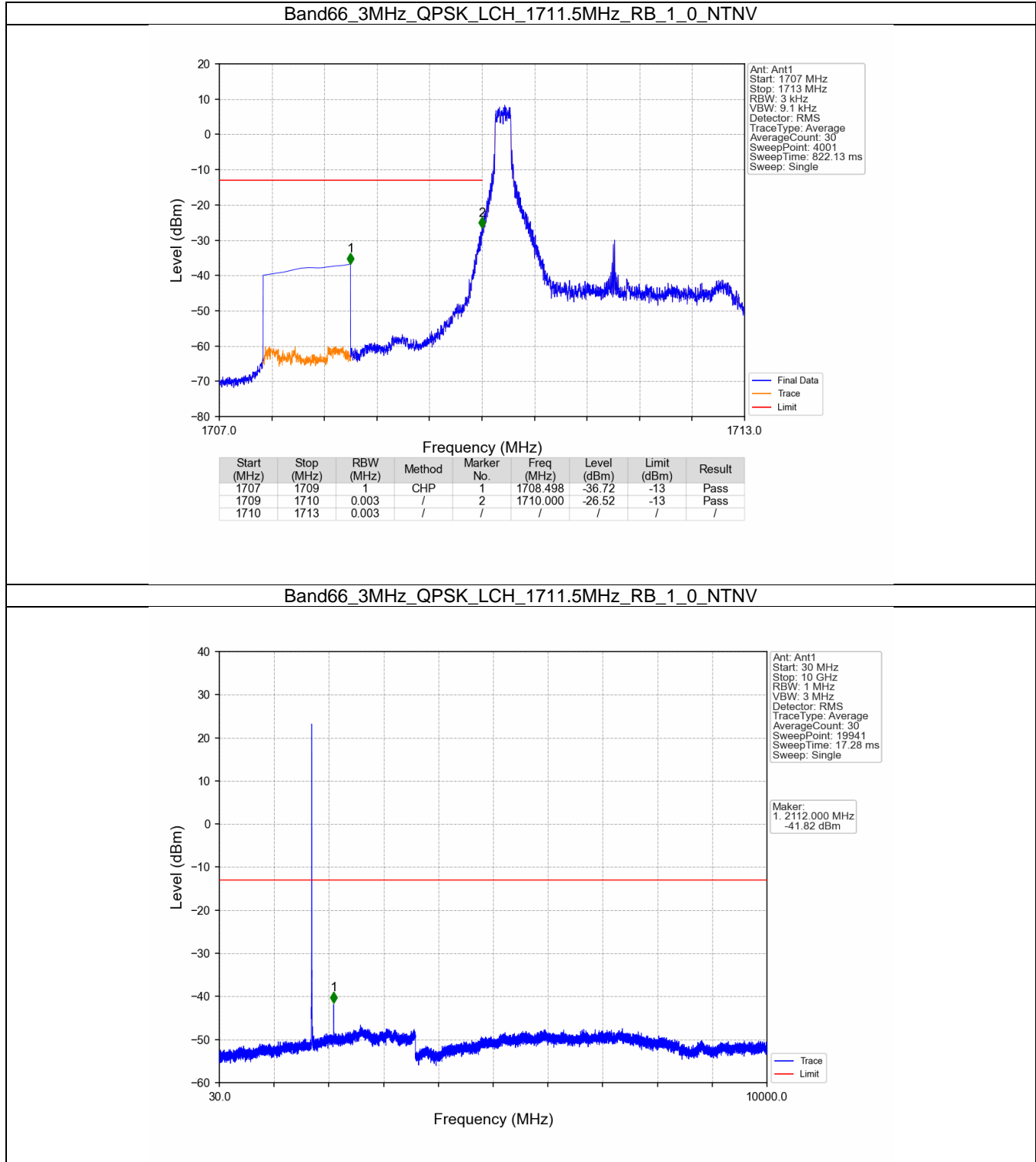


## 6.2 B66\_3MHz

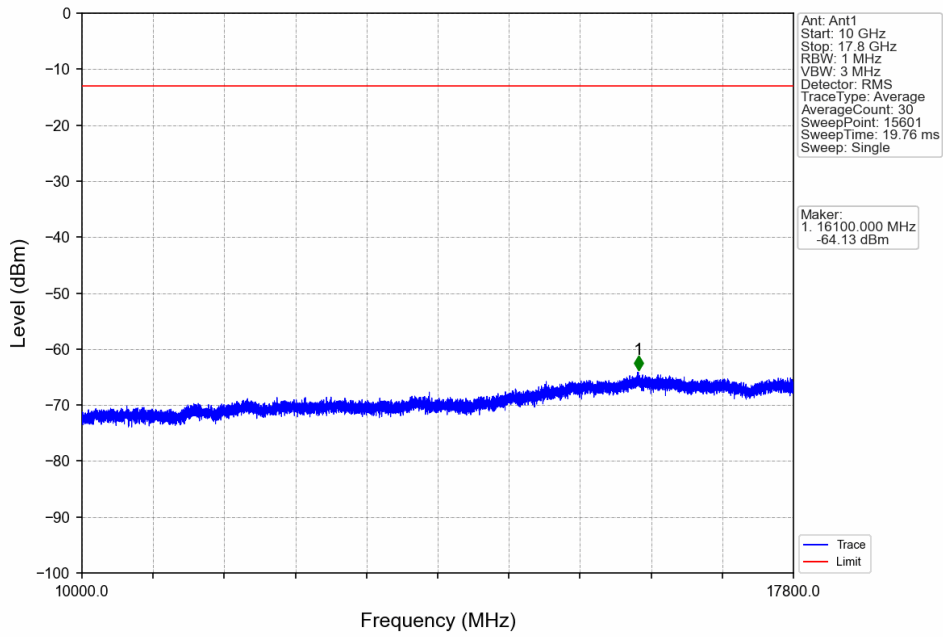
### 6.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
		1	14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
		1	14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

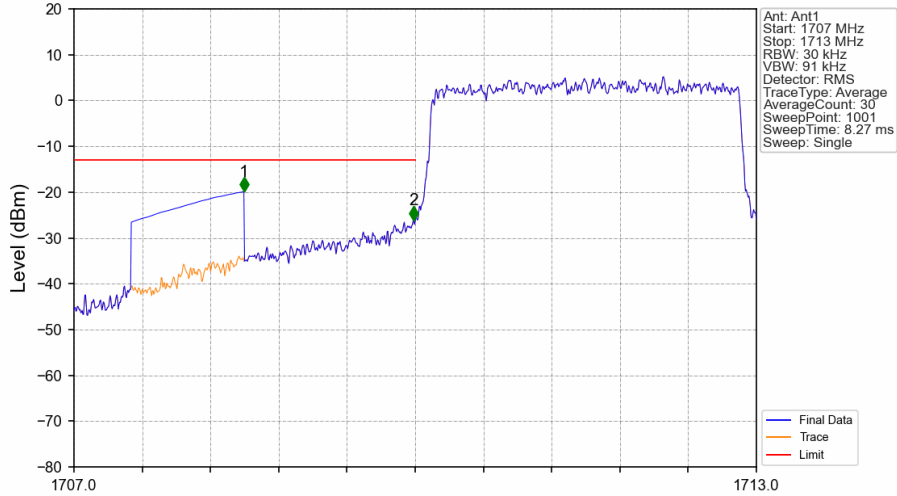
### 6.2.2 Test Graph



Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV



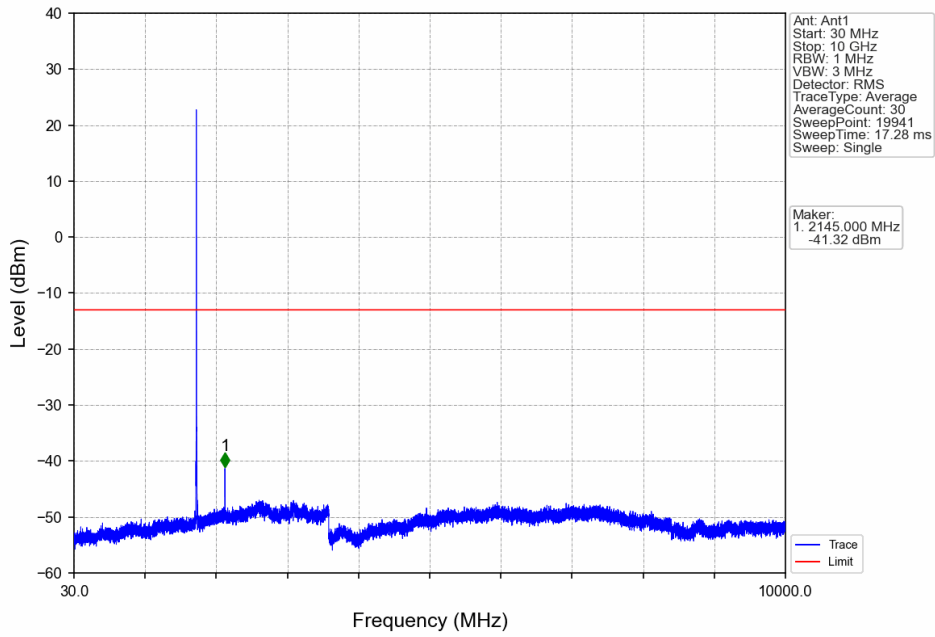
Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



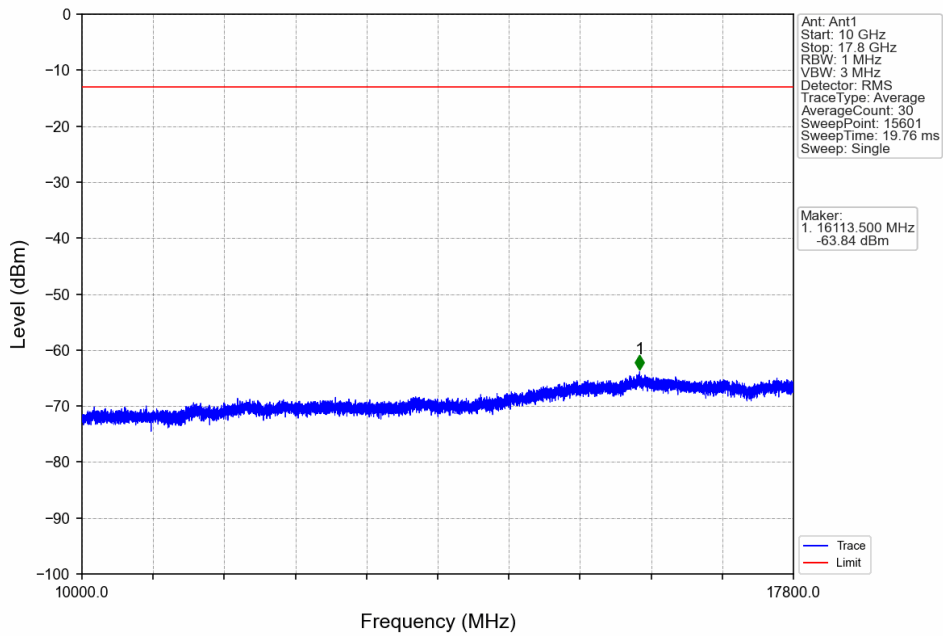
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-19.92	-13	Pass
1709	1710	0.03	/	2	1709.988	-26.14	-13	Pass
1710	1713	0.03	/	/	/	/	/	/



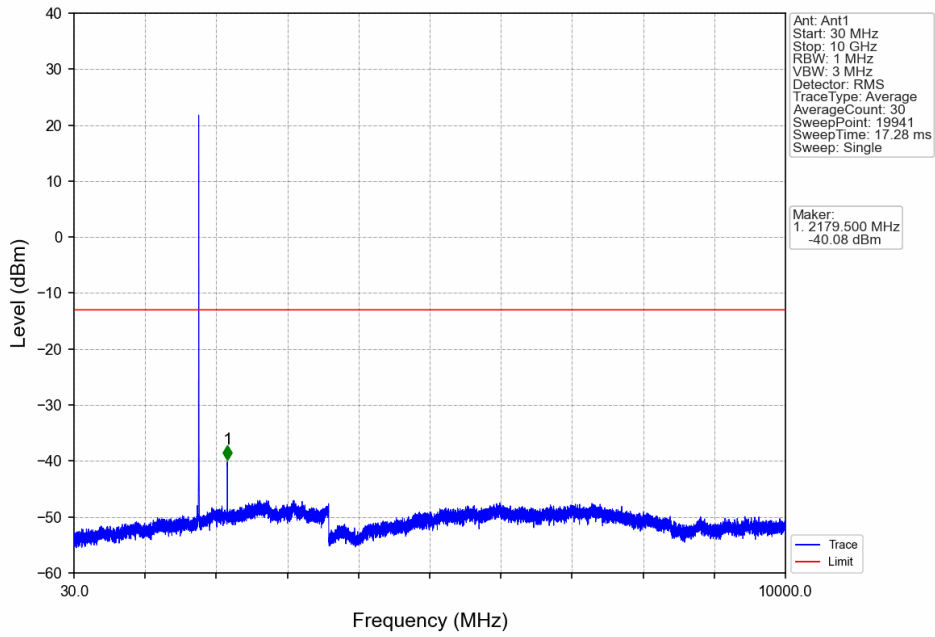
Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



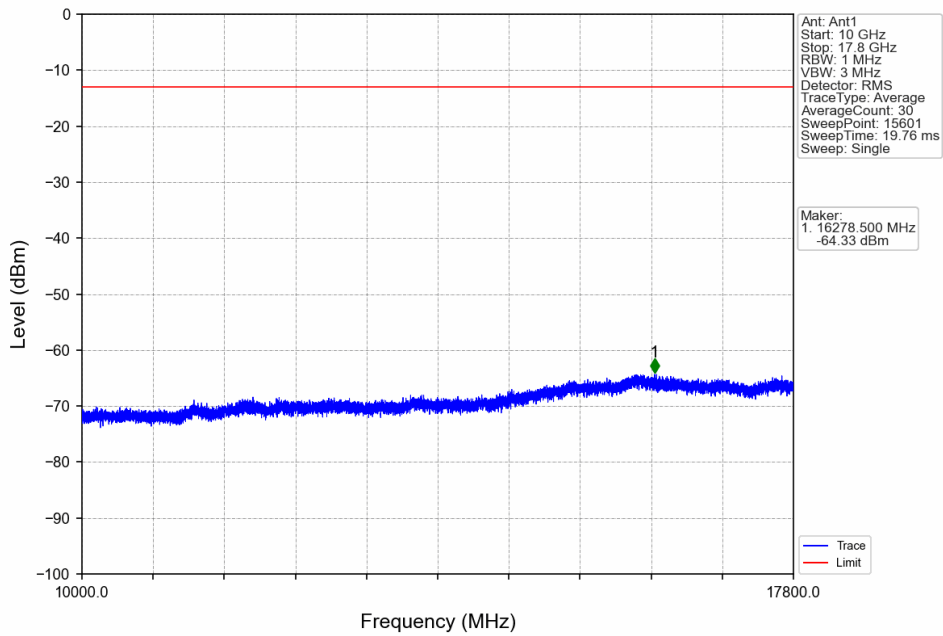
Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_1\_0\_NTNV



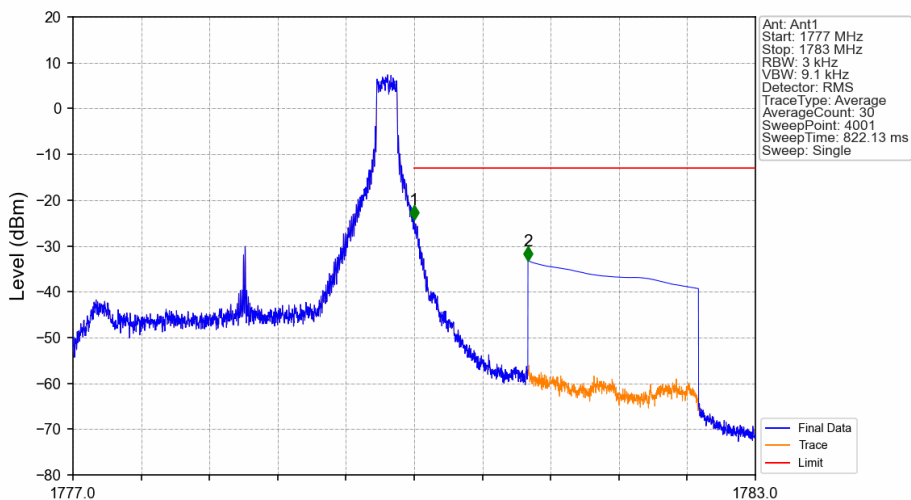
Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_1\_0\_NTNV





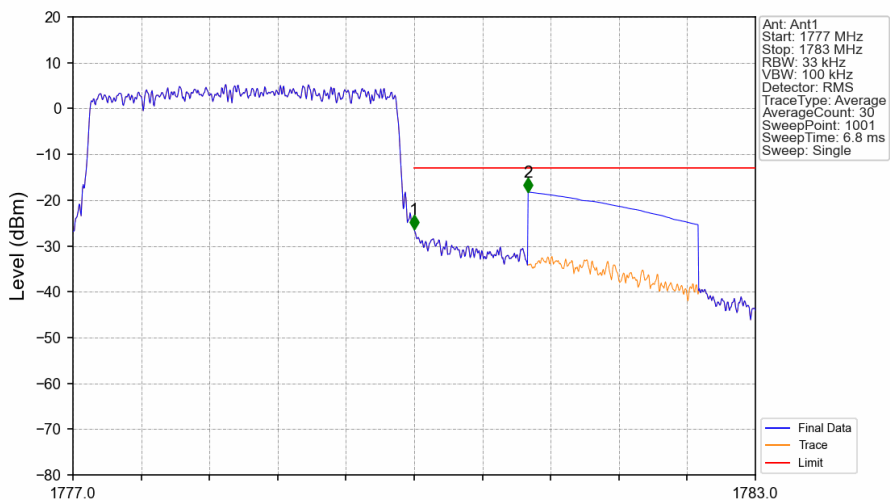


Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_1\_14\_NTNV



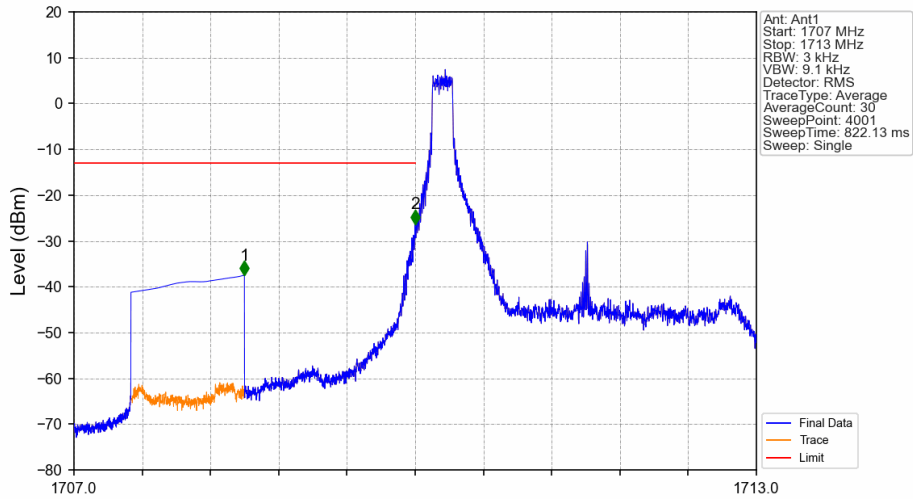
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.000	-24.24	-13	Pass
1781	1783	1	CHP	2	1781.001	-33.25	-13	Pass

Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



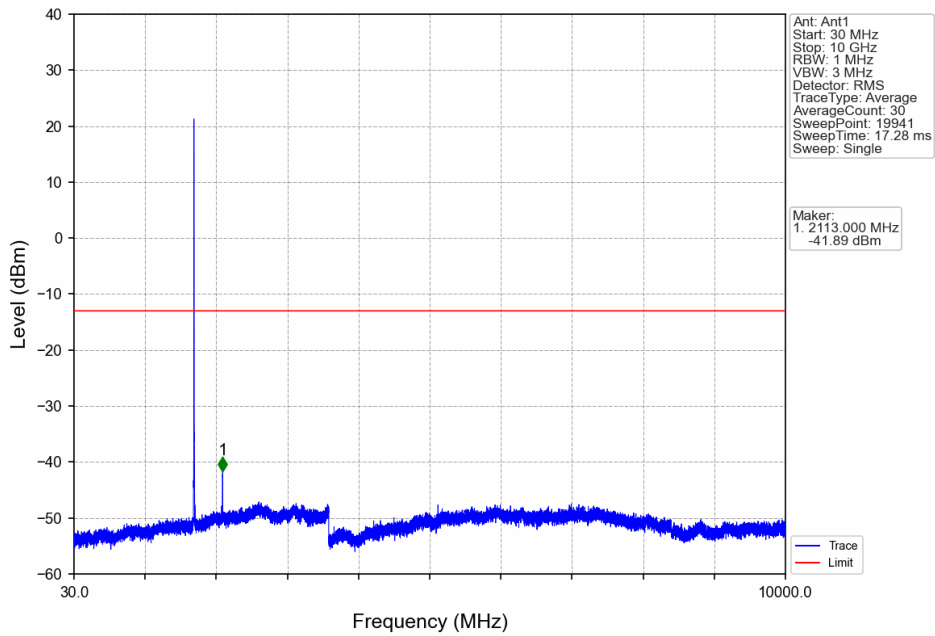
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.033	/	/	/	/	/	/
1780	1781	0.033	/	1	1780.000	-26.42	-13	Pass
1781	1783	1	CHP	2	1781.002	-18.26	-13	Pass

Band66\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV

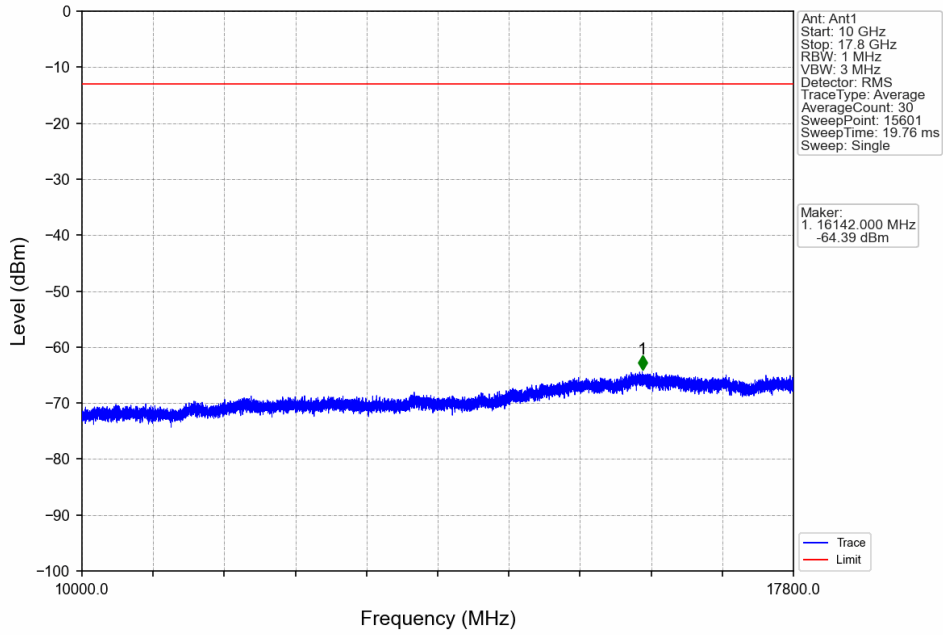


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-37.48	-13	Pass
1709	1710	0.003	/	2	1710.000	-26.29	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

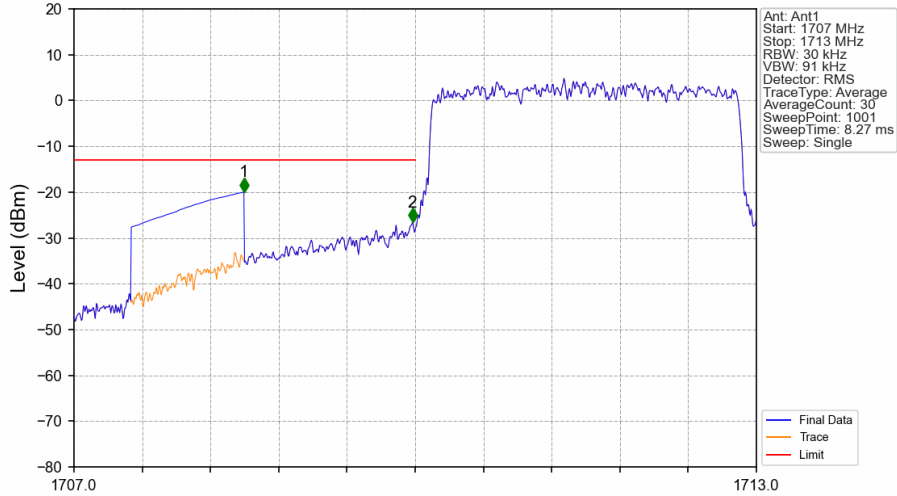
Band66\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV



Band66\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV



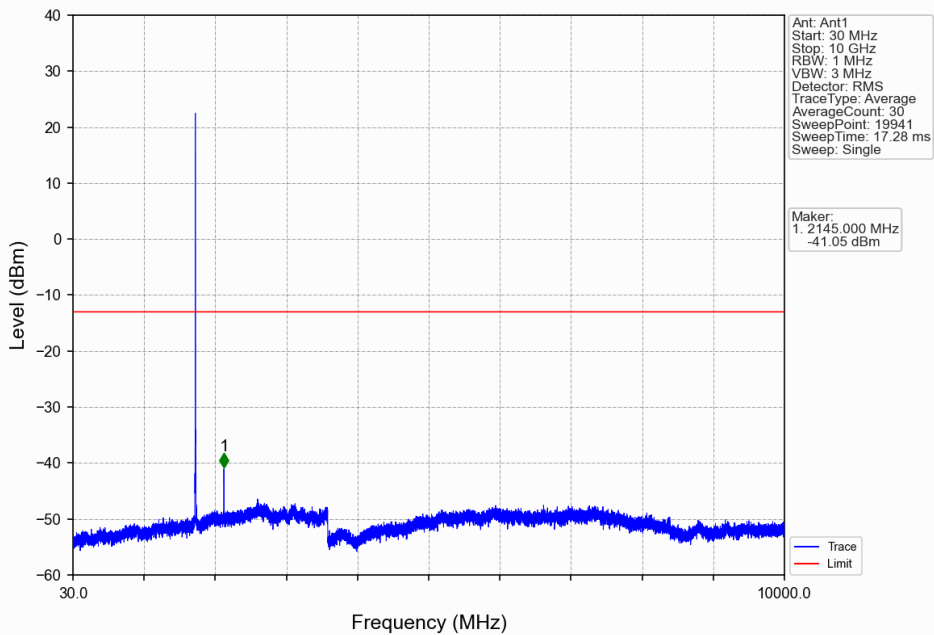
Band66\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



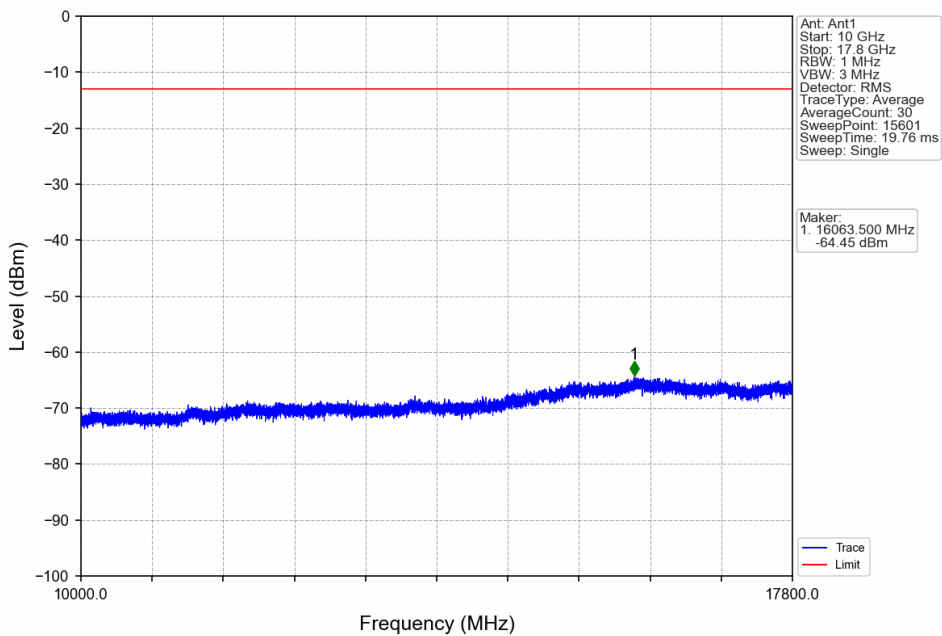
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-19.97	-13	Pass
1709	1710	0.03	/	2	1709.976	-26.60	-13	Pass
1710	1713	0.03	/	/	/	/	/	/



Band66\_3MHz\_16QAM\_MCH\_1745MHz\_RB\_1\_0\_NTNV

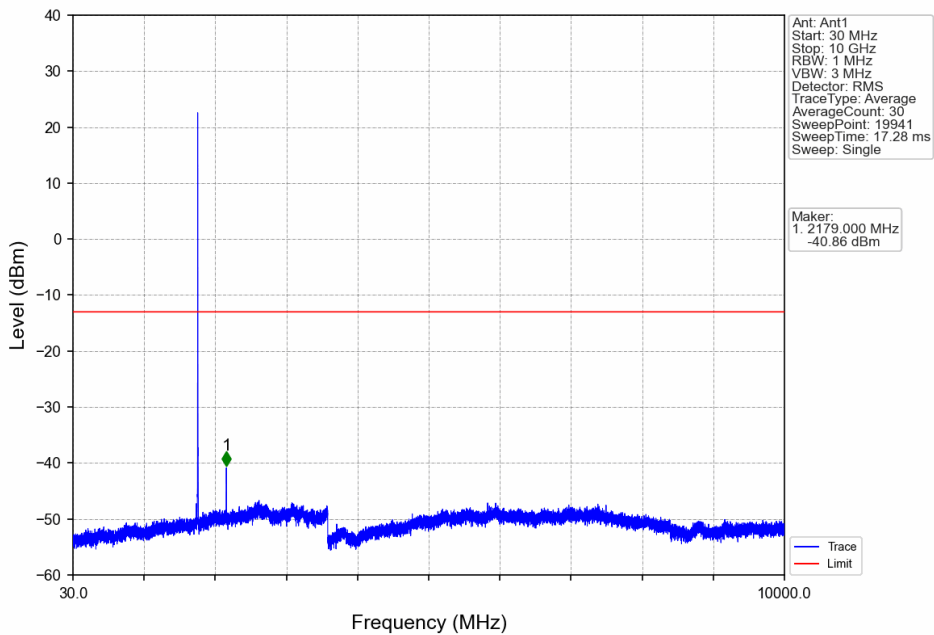


Band66\_3MHz\_16QAM\_MCH\_1745MHz\_RB\_1\_0\_NTNV

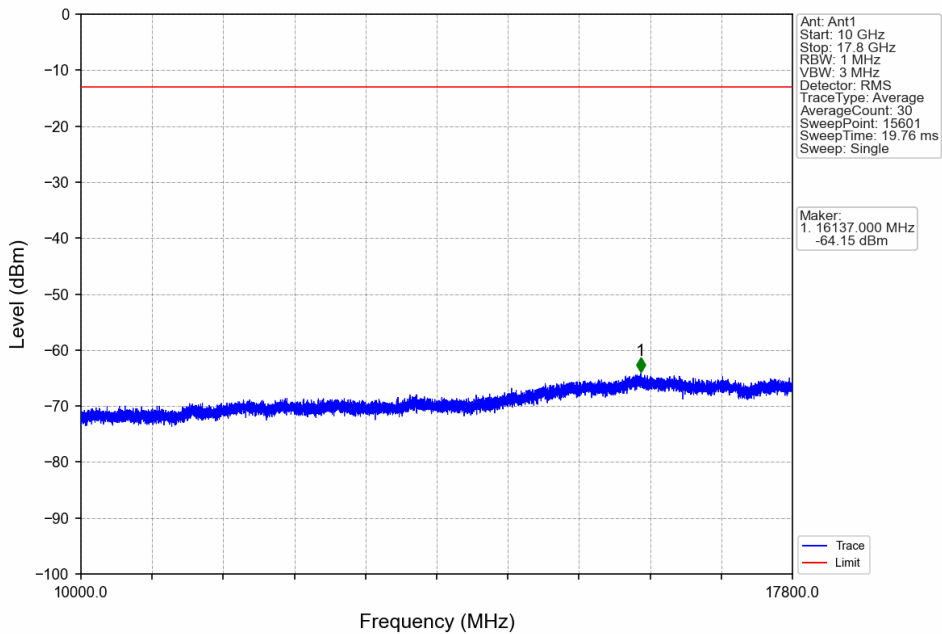




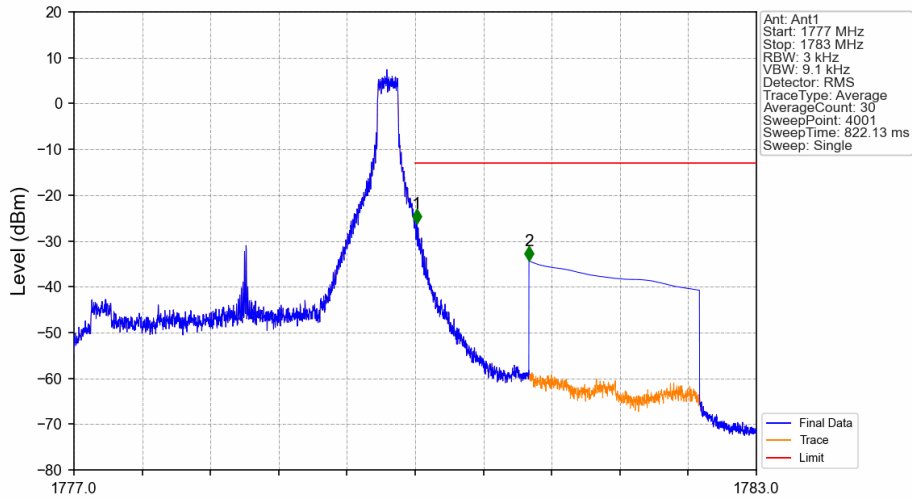
Band66\_3MHz\_16QAM\_HCH\_1778.5MHz\_RB\_1\_0\_NTNV



Band66\_3MHz\_16QAM\_HCH\_1778.5MHz\_RB\_1\_0\_NTNV

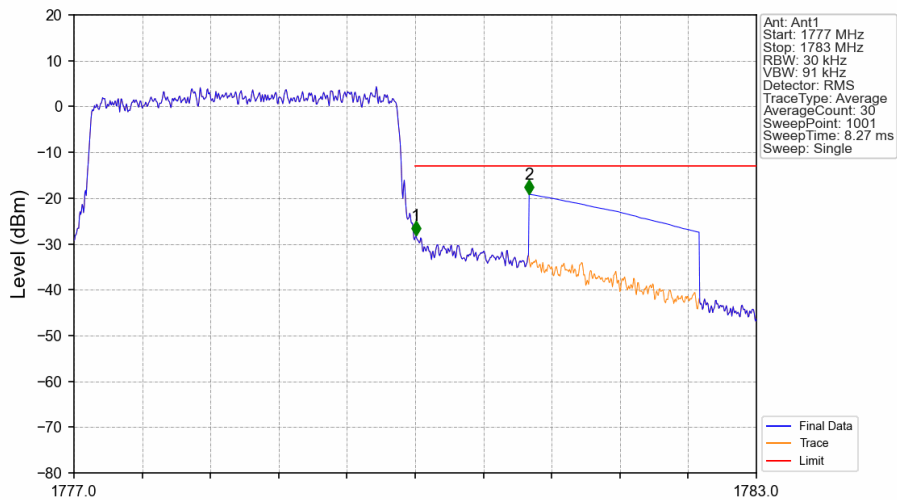


Band66\_3MHz\_16QAM\_HCH\_1778.5MHz\_RB\_1\_14\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.014	-26.17	-13	Pass
1781	1783	1	CHP	2	1781.001	-34.37	-13	Pass

Band66\_3MHz\_16QAM\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.03	/	/	/	/	/	/
1780	1781	0.03	/	1	1780.006	-28.22	-13	Pass
1781	1783	1	CHP	2	1781.002	-19.14	-13	Pass



### 6.3 B66\_5MHz

#### 6.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1777.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1777.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass