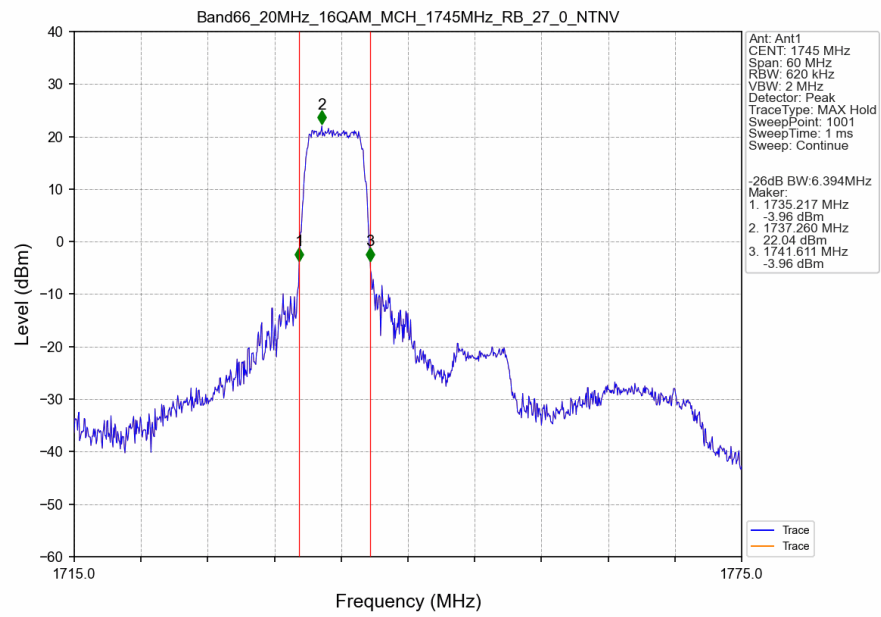
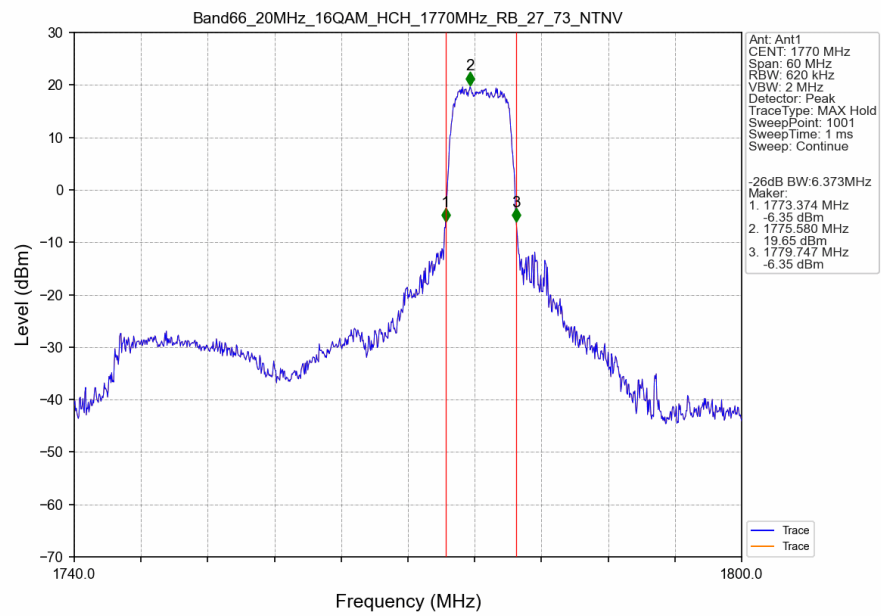


Band66_20MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_27_73_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	6.10	<=13	Pass
	1745	6	0	5.66	<=13	Pass
	1779.3	6	0	4.31	<=13	Pass
16QAM	1710.7	6	0	7.08	<=13	Pass
	1745	6	0	6.35	<=13	Pass
	1779.3	6	0	5.16	<=13	Pass

4.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	6.27	<=13	Pass
	1745	15	0	5.64	<=13	Pass
	1778.5	15	0	4.54	<=13	Pass
16QAM	1711.5	15	0	7.03	<=13	Pass
	1745	15	0	6.43	<=13	Pass
	1778.5	15	0	5.36	<=13	Pass

4.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	6.11	<=13	Pass
	1745	25	0	5.74	<=13	Pass
	1777.5	25	0	4.92	<=13	Pass
16QAM	1712.5	25	0	6.70	<=13	Pass
	1745	25	0	6.38	<=13	Pass
	1777.5	25	0	5.68	<=13	Pass

4.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.86	<=13	Pass
	1745	50	0	5.66	<=13	Pass
	1775	50	0	5.21	<=13	Pass

16QAM	1715	27	0	6.71	<=13	Pass
	1745	27	0	6.29	<=13	Pass
	1775	27	23	5.63	<=13	Pass

4.1.5 B66_15MHz

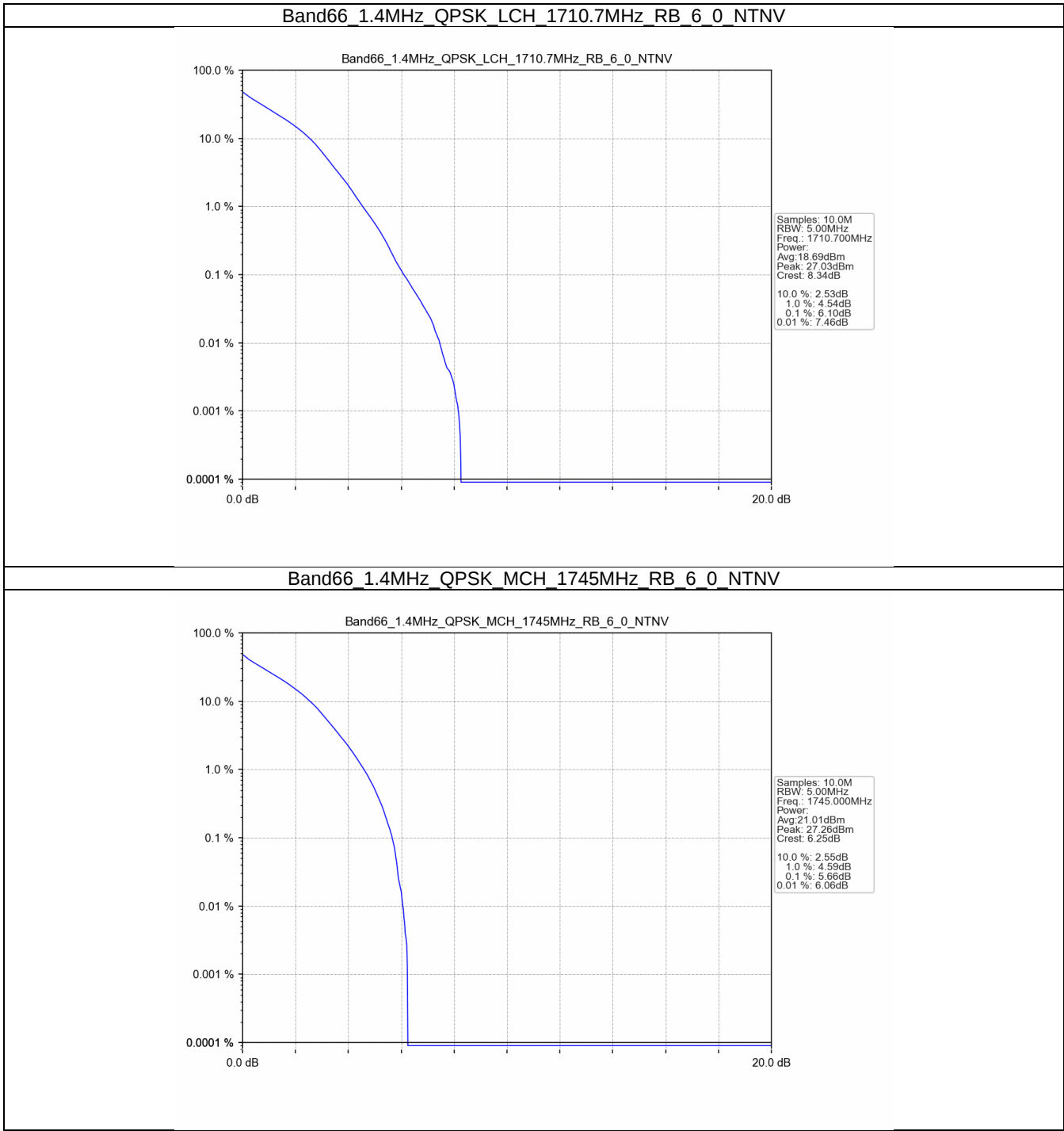
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	6.10	<=13	Pass
	1745	75	0	5.96	<=13	Pass
	1772.5	75	0	5.97	<=13	Pass
16QAM	1717.5	27	0	6.54	<=13	Pass
	1745	27	0	6.20	<=13	Pass
	1772.5	27	48	6.03	<=13	Pass

4.1.6 B66_20MHz

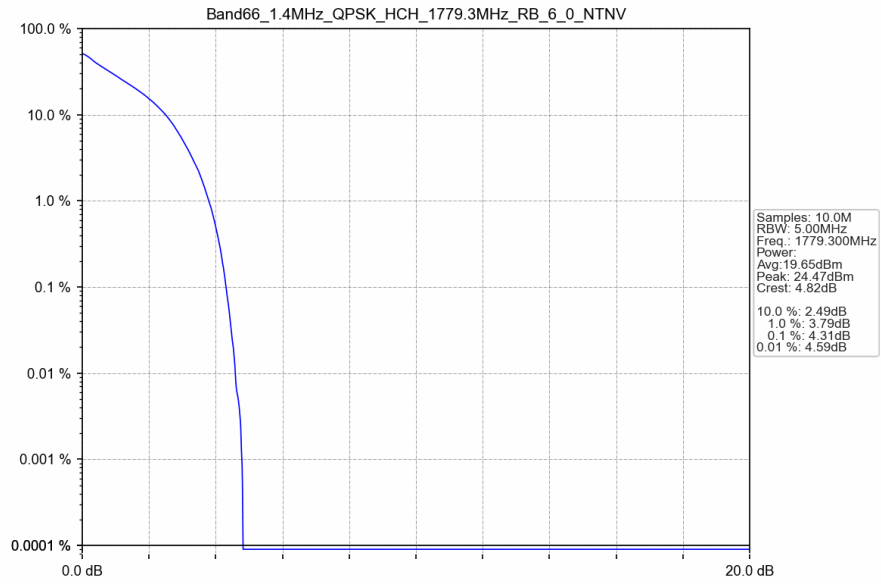
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.61	<=13	Pass
	1745	100	0	5.51	<=13	Pass
	1770	100	0	5.66	<=13	Pass
16QAM	1720	27	0	6.54	<=13	Pass
	1745	27	0	6.23	<=13	Pass
	1770	27	73	6.08	<=13	Pass

4.2 Test Graph

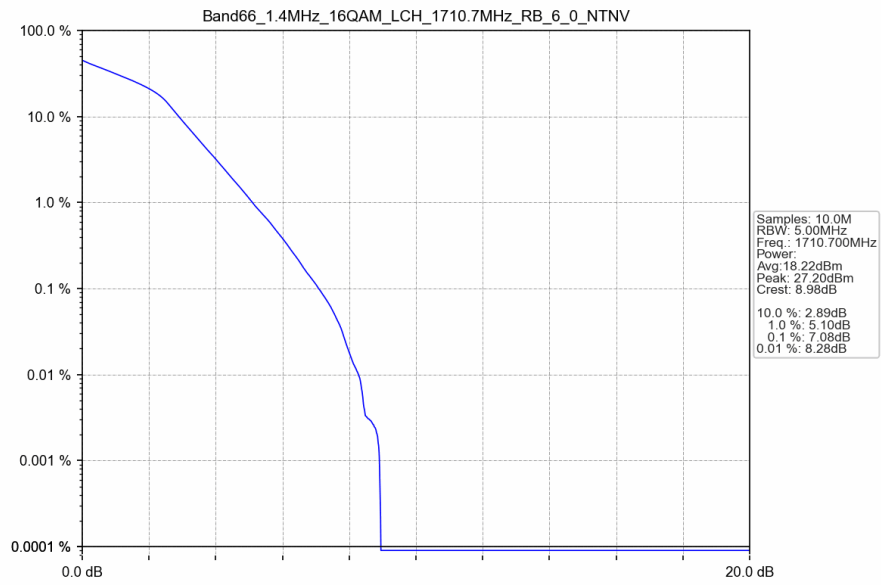
4.2.1 B66_1.4MHz



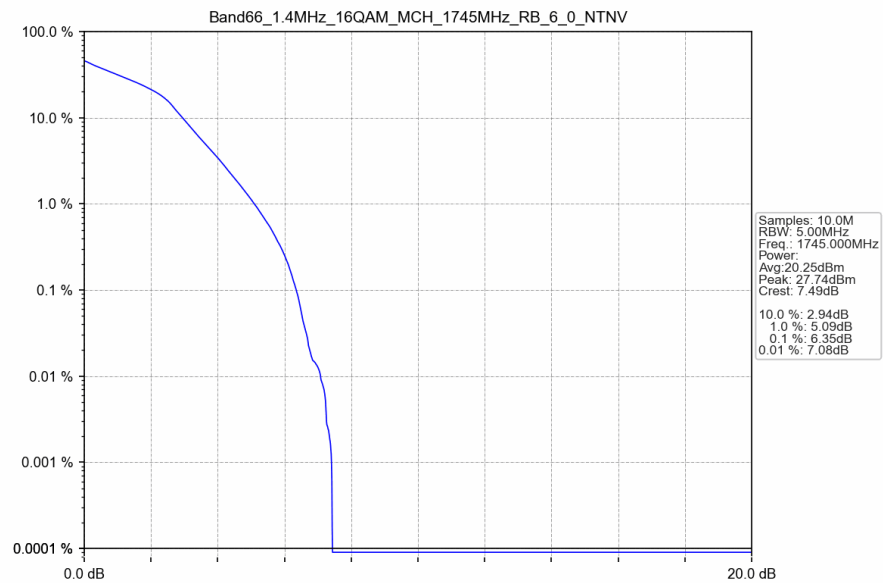
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTV



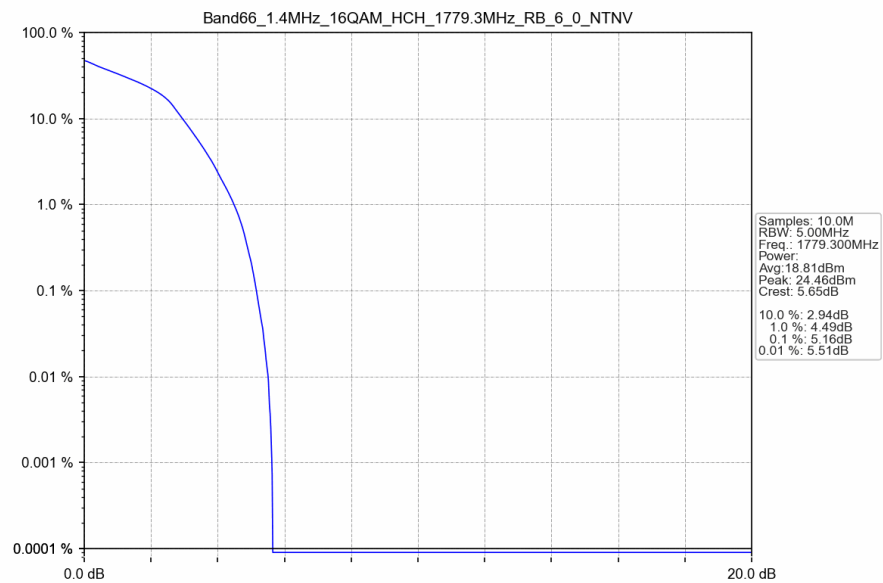
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



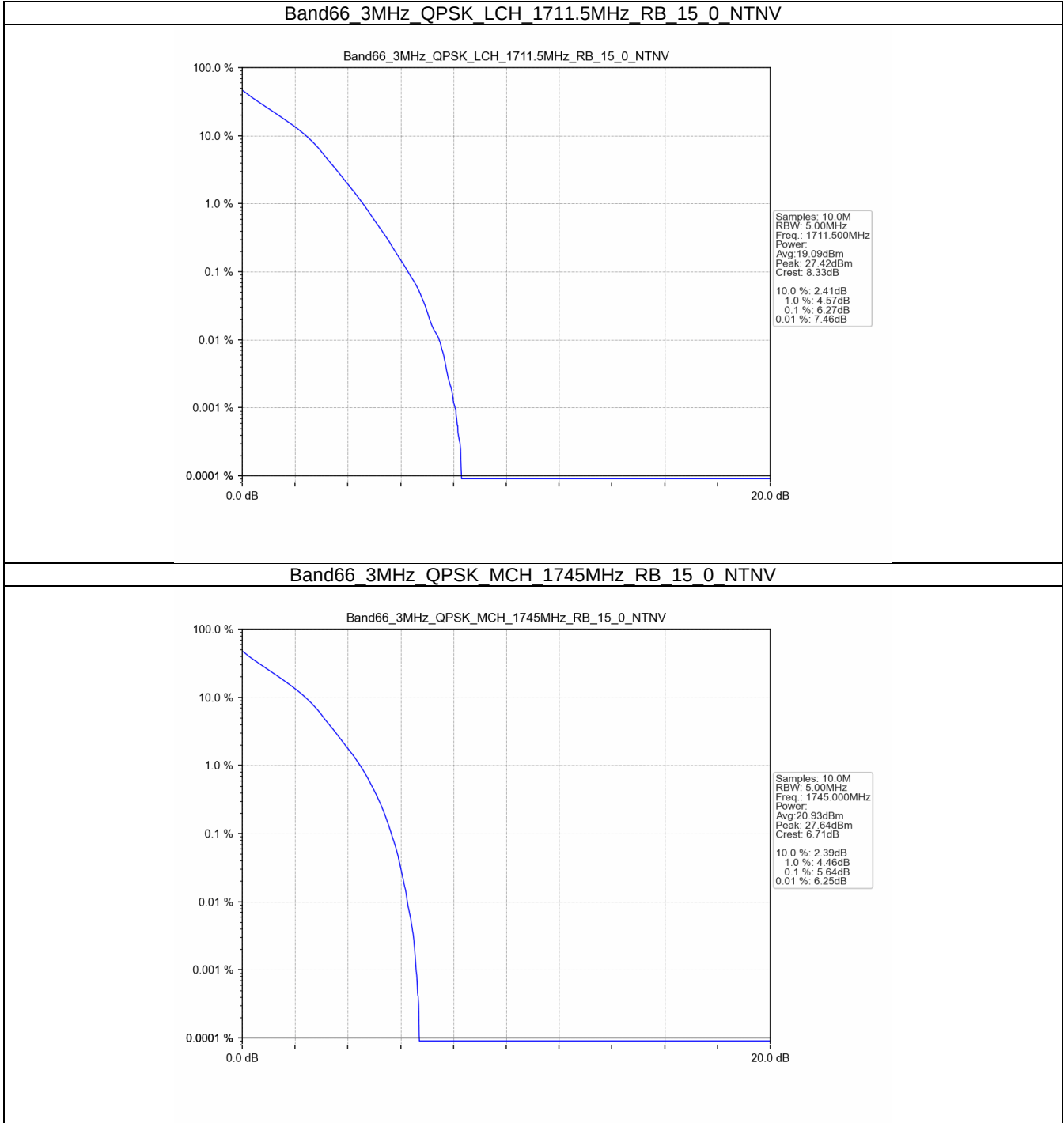
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTV



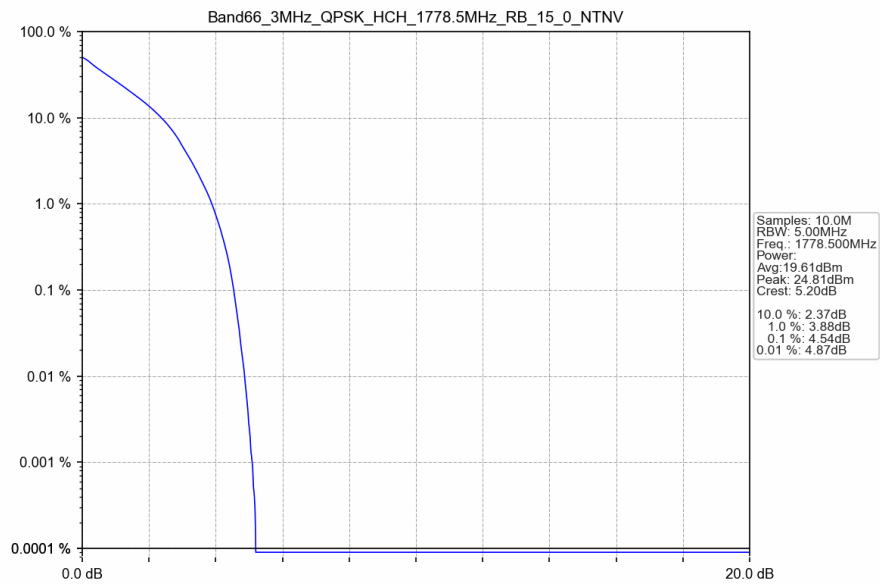
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTV



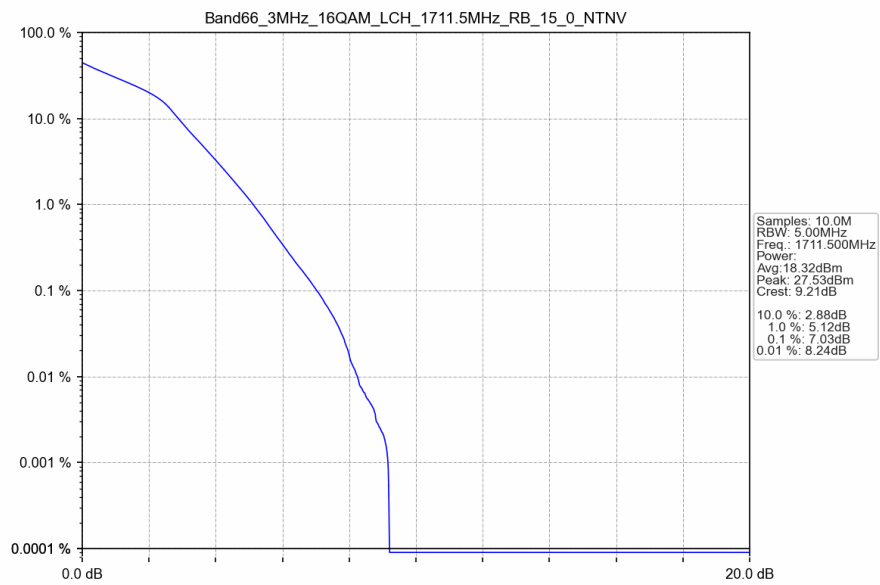
4.2.2 B66_3MHz



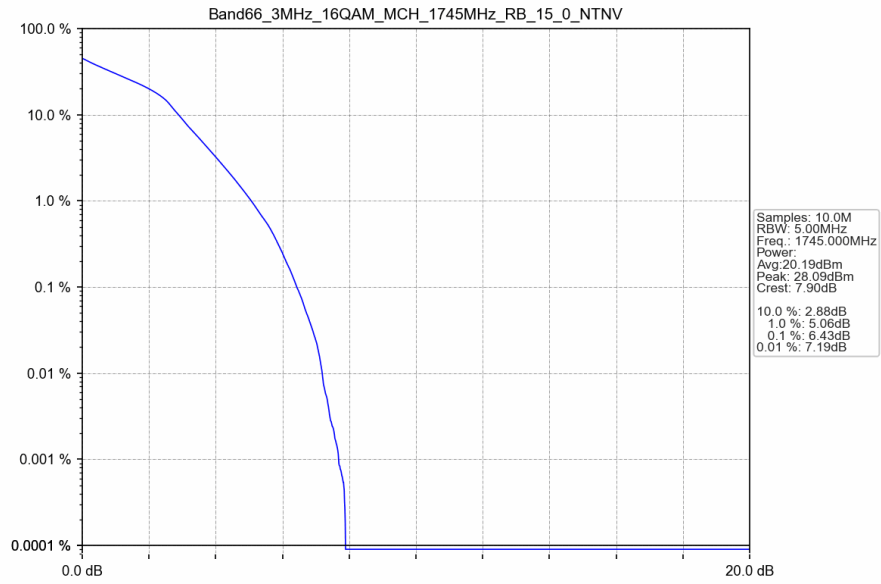
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



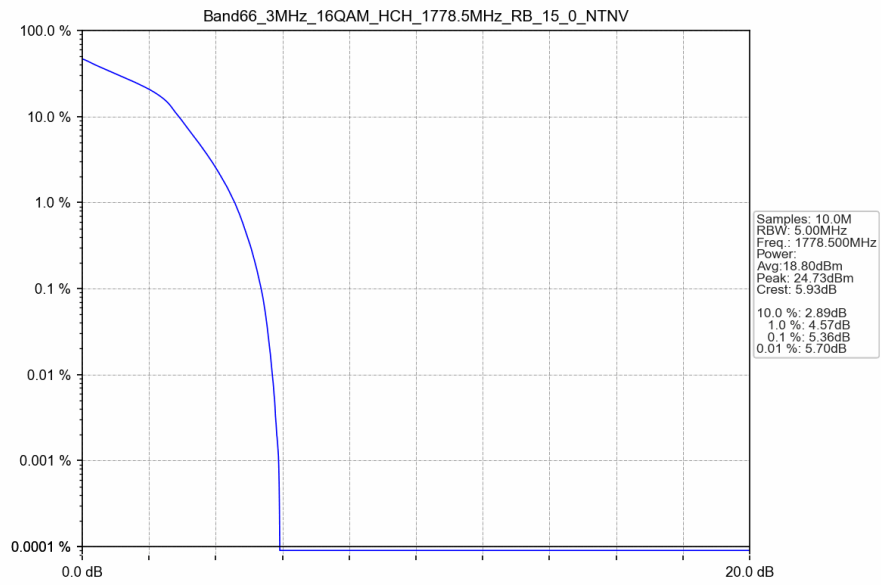
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



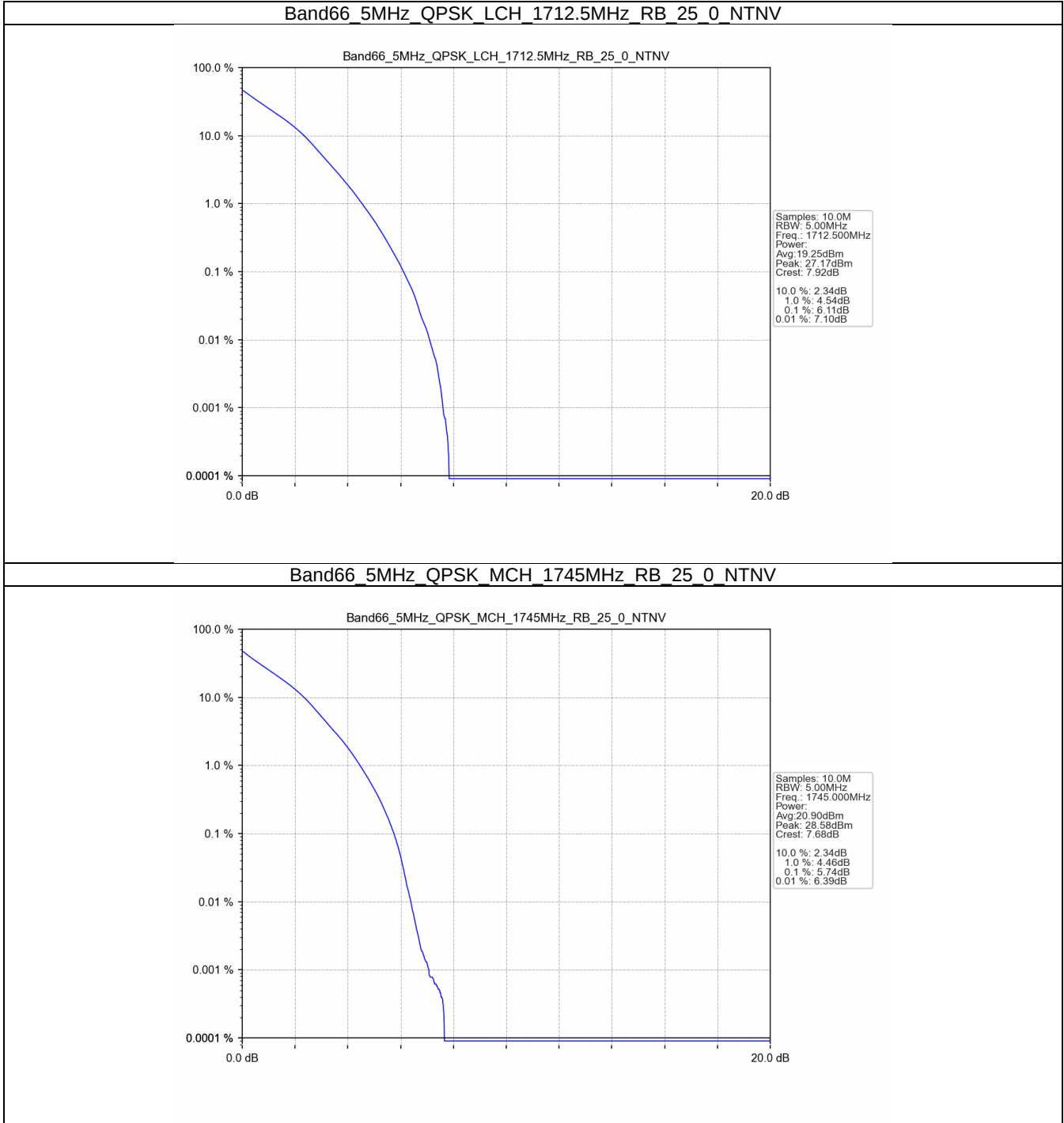
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



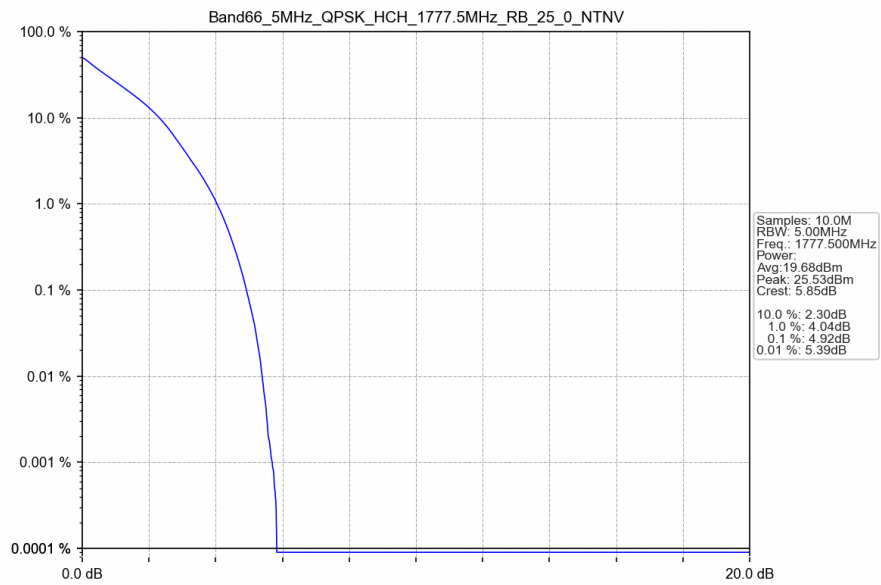
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



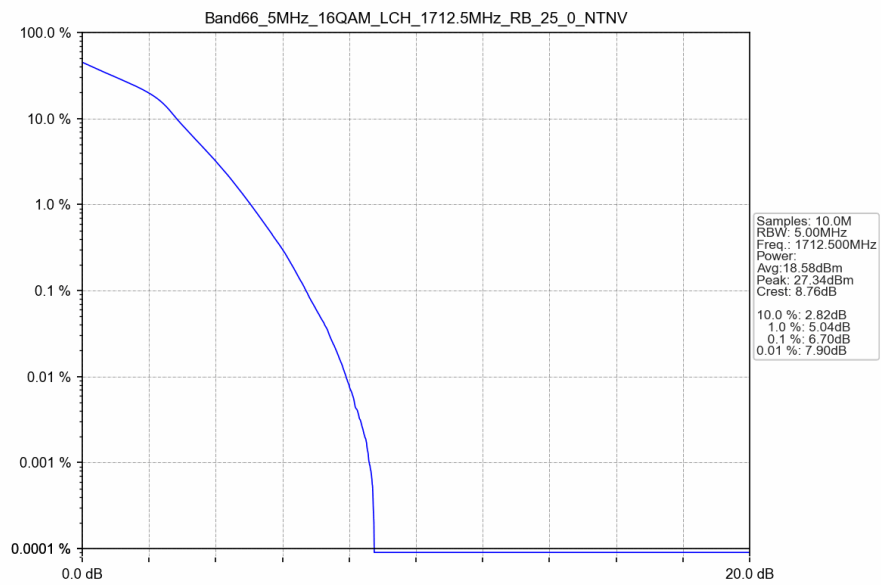
4.2.3 B66_5MHz



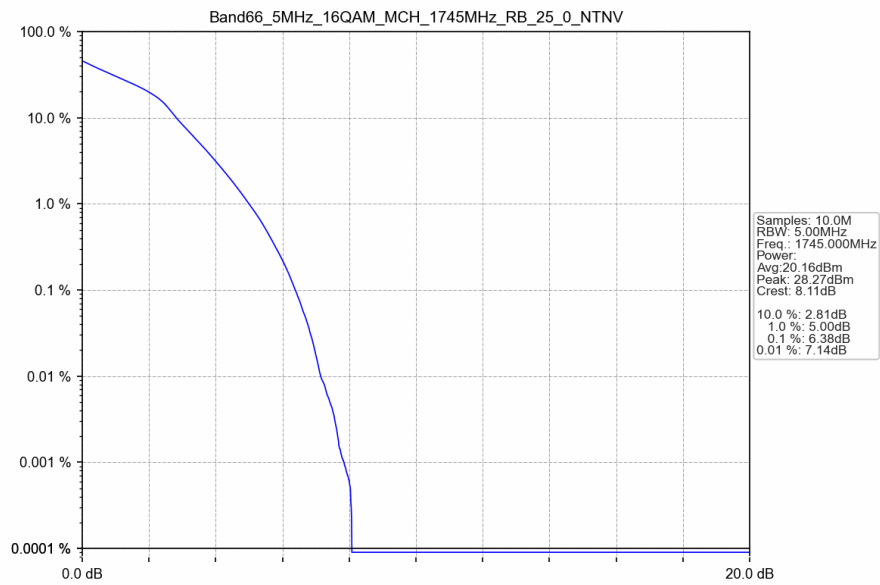
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



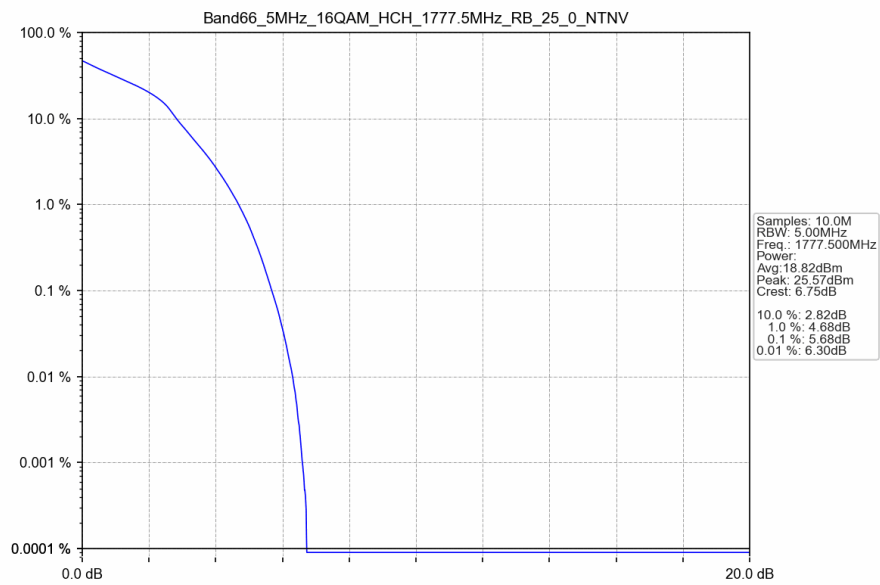
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



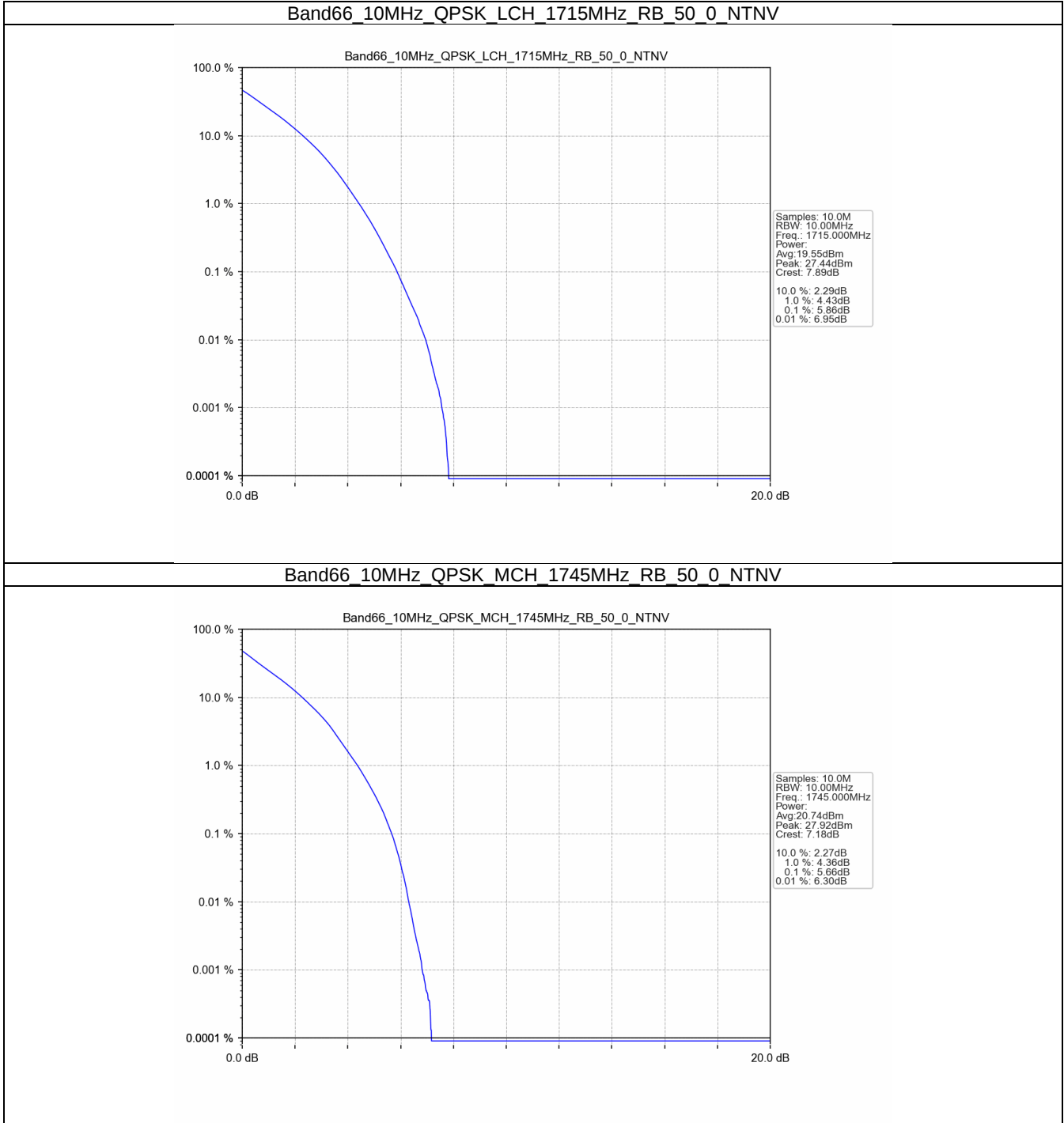
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



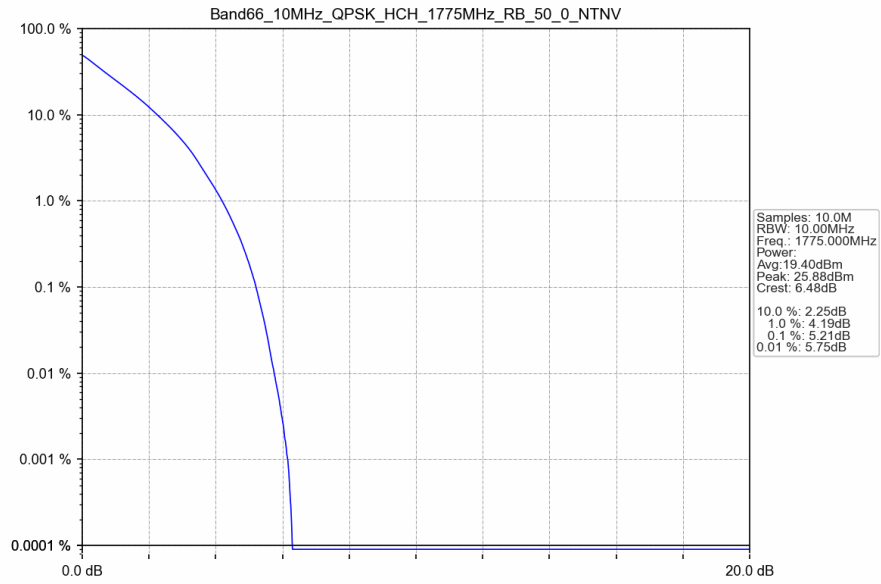
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



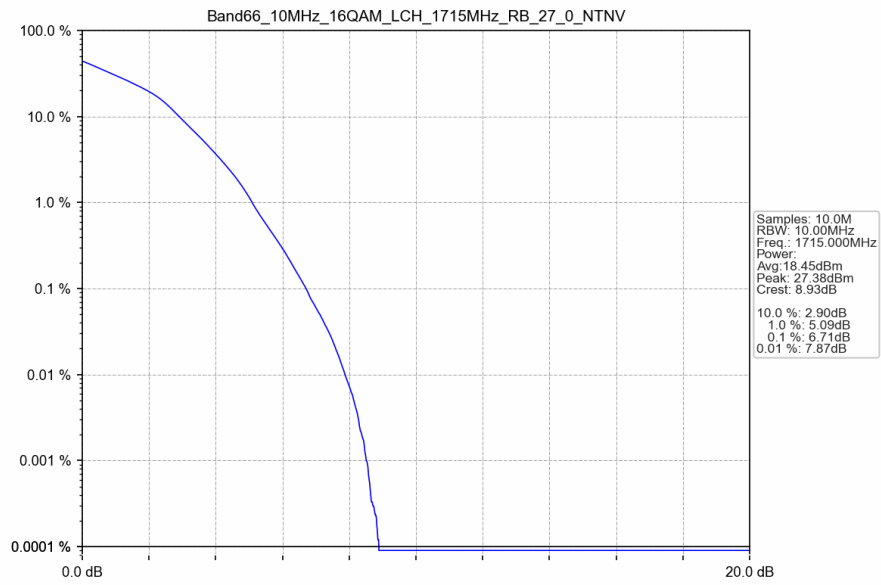
4.2.4 B66_10MHz



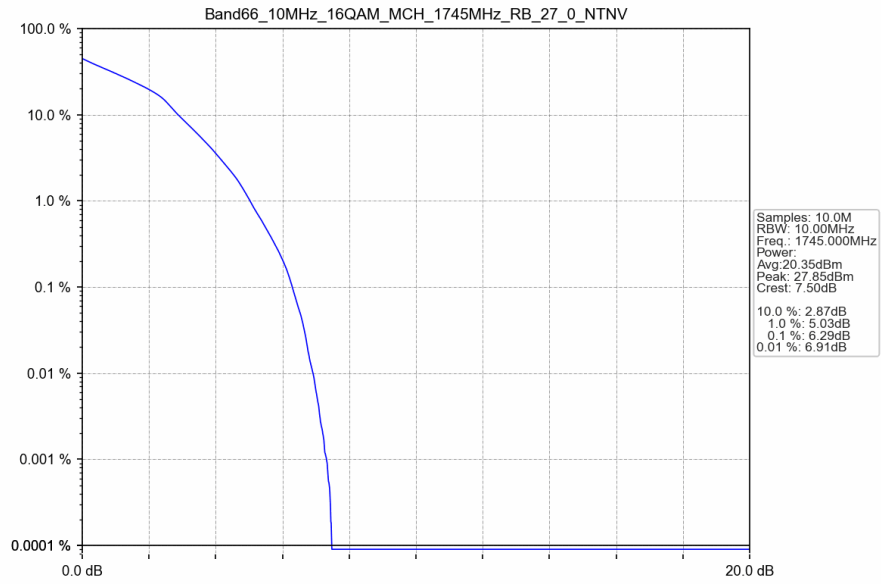
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



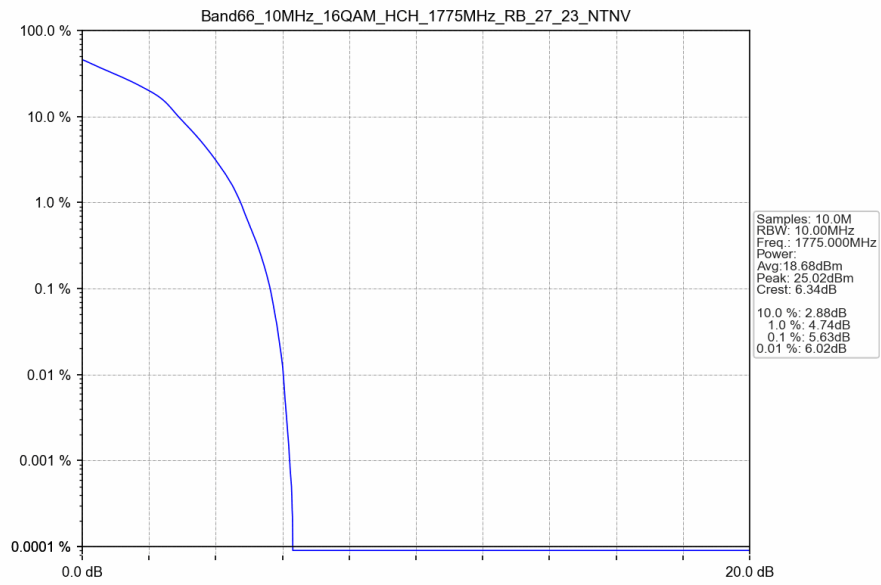
Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



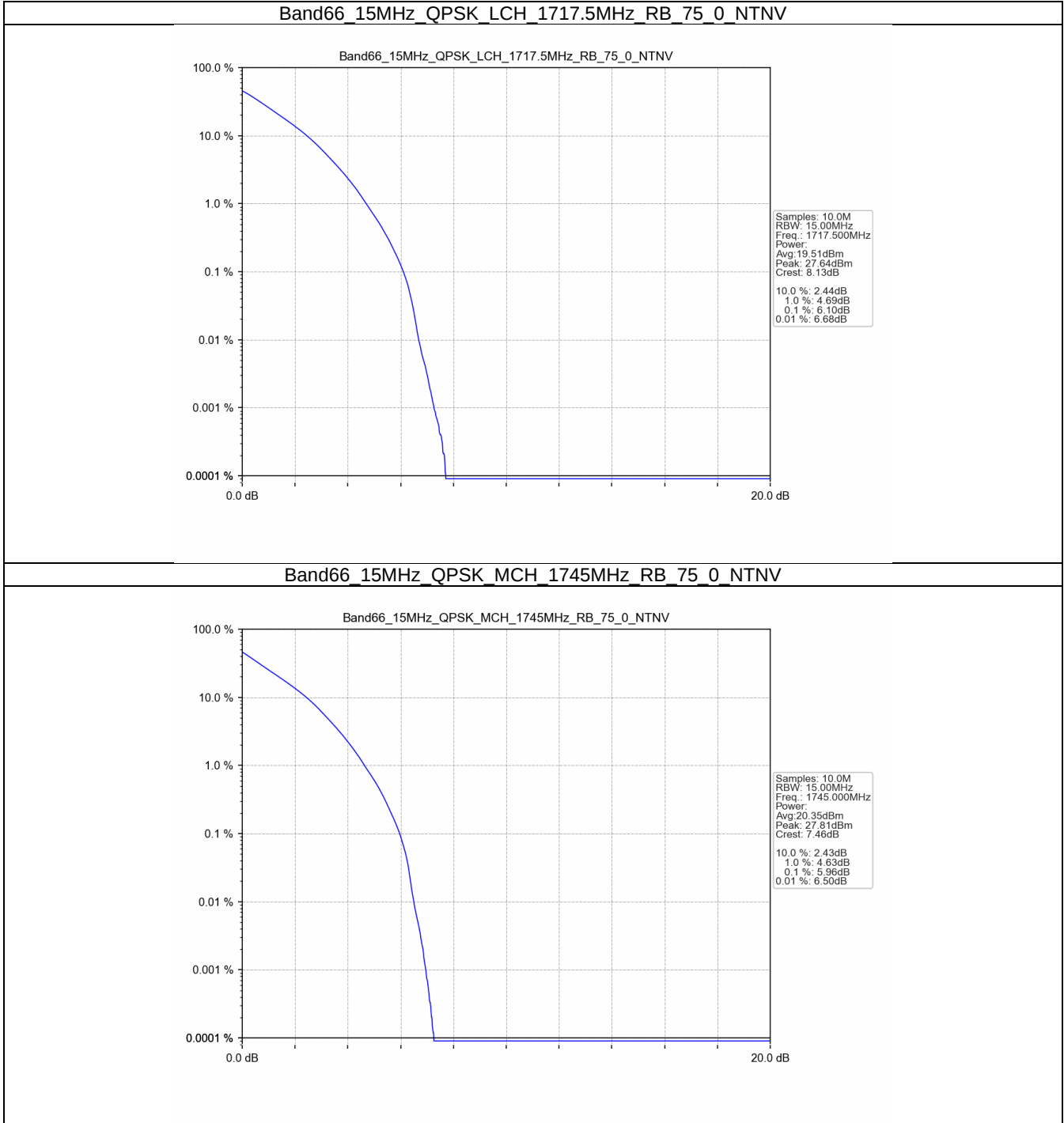
Band66_10MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



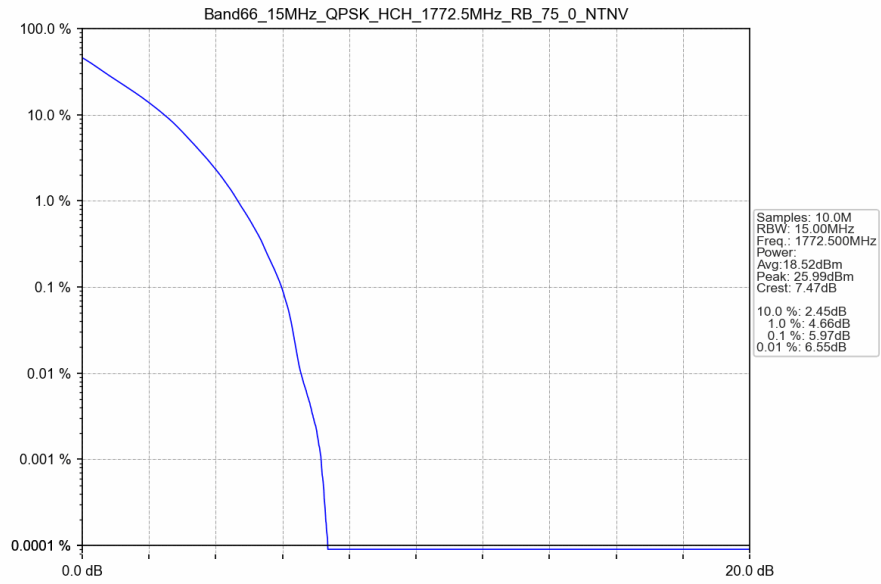
Band66_10MHz_16QAM_HCH_1775MHz_RB_27_23_NTNV



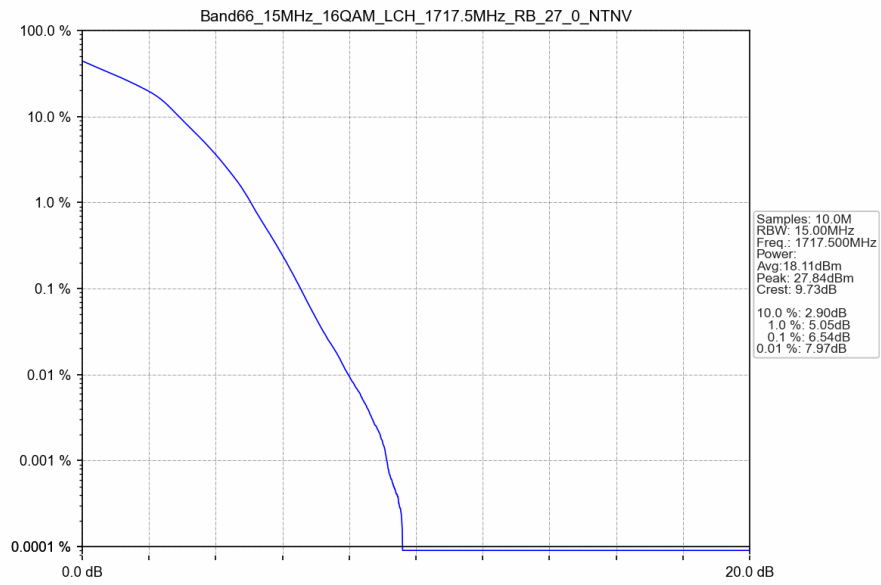
4.2.5 B66_15MHz



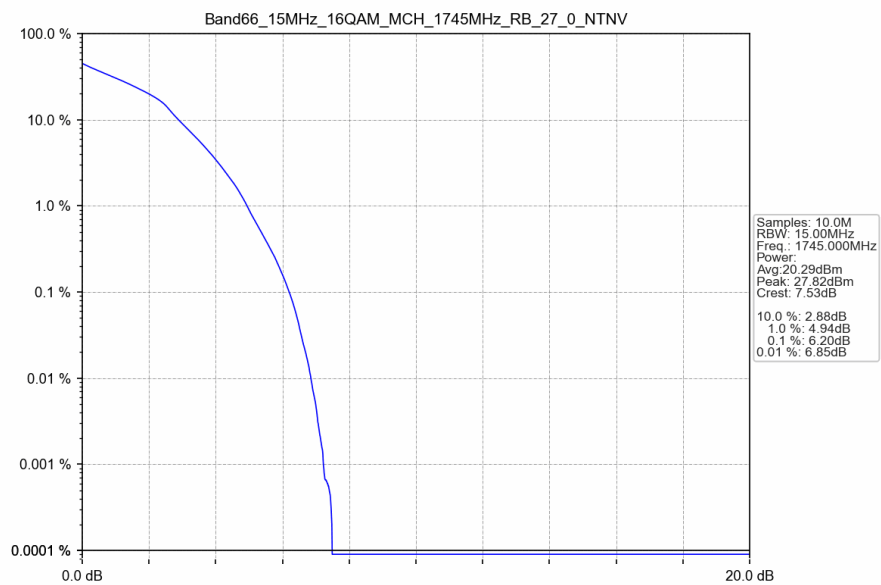
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



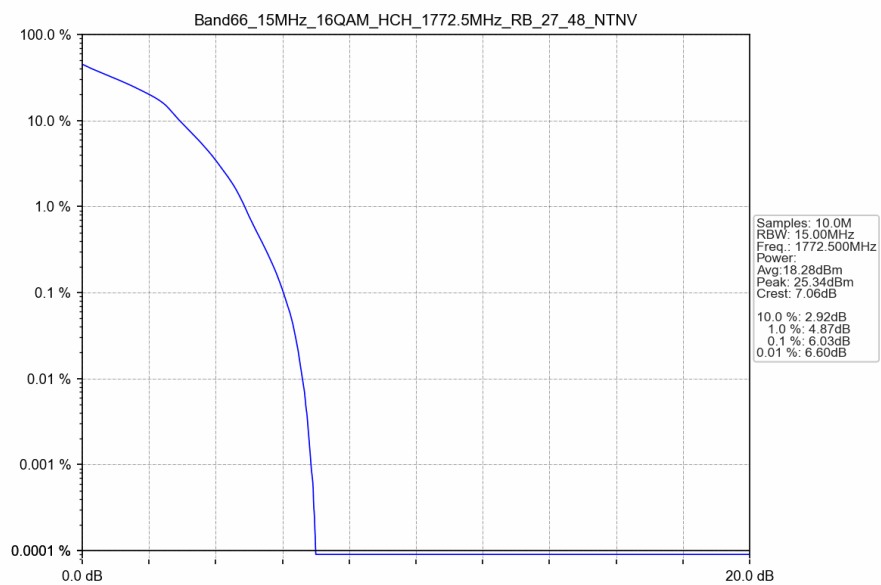
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



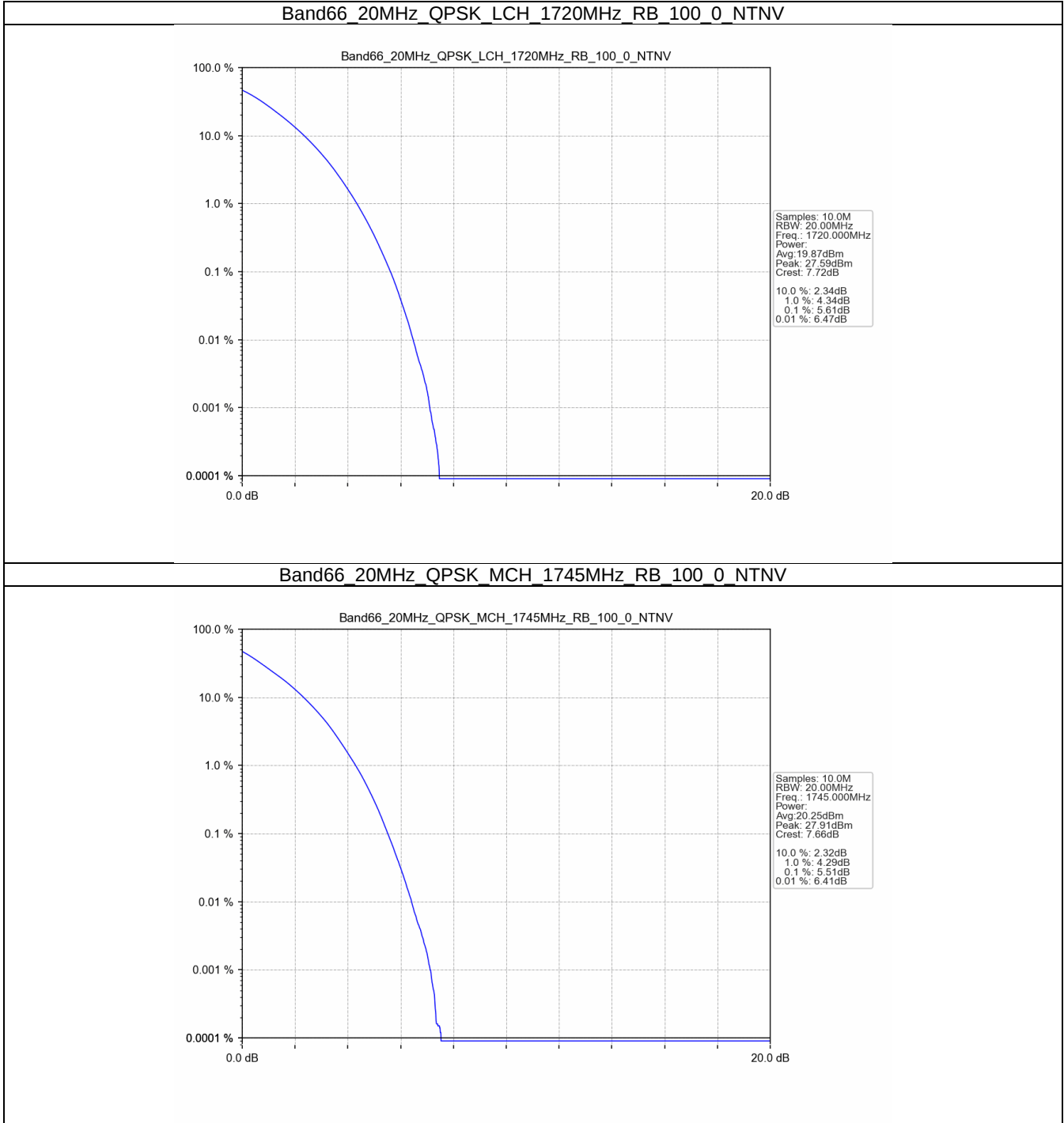
Band66 15MHz 16QAM MCH 1745MHz RB 27 0 NTNV



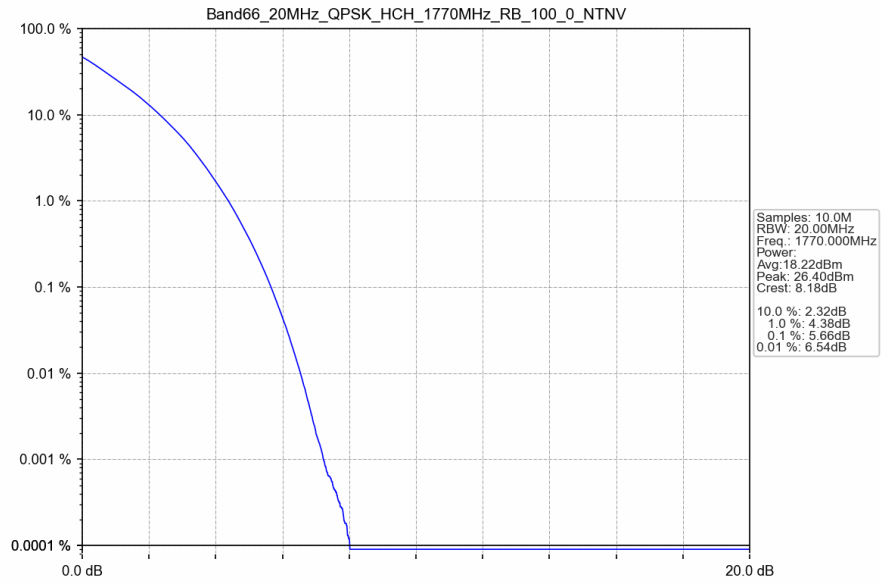
Band66 15MHz 16QAM HCH 1772.5MHz RB 27 48 NTNV



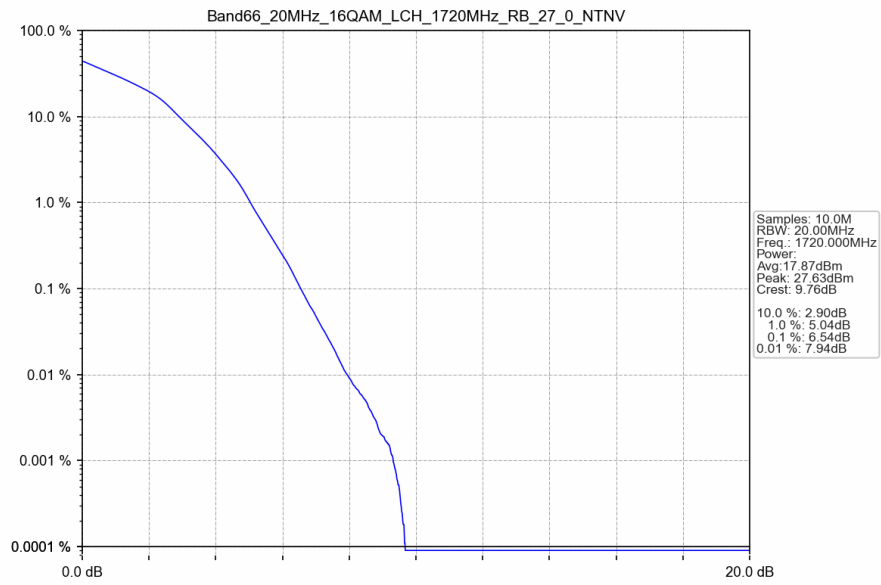
4.2.6 B66_20MHz



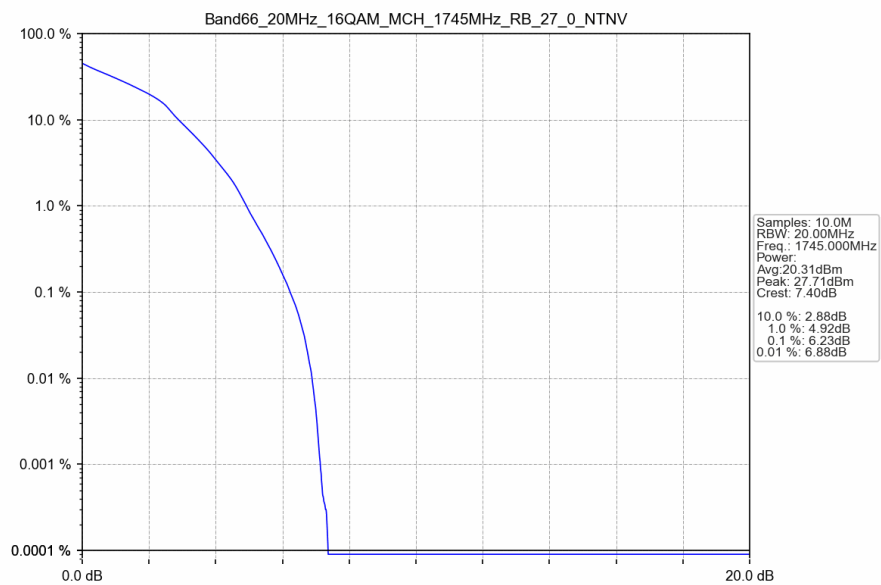
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTN



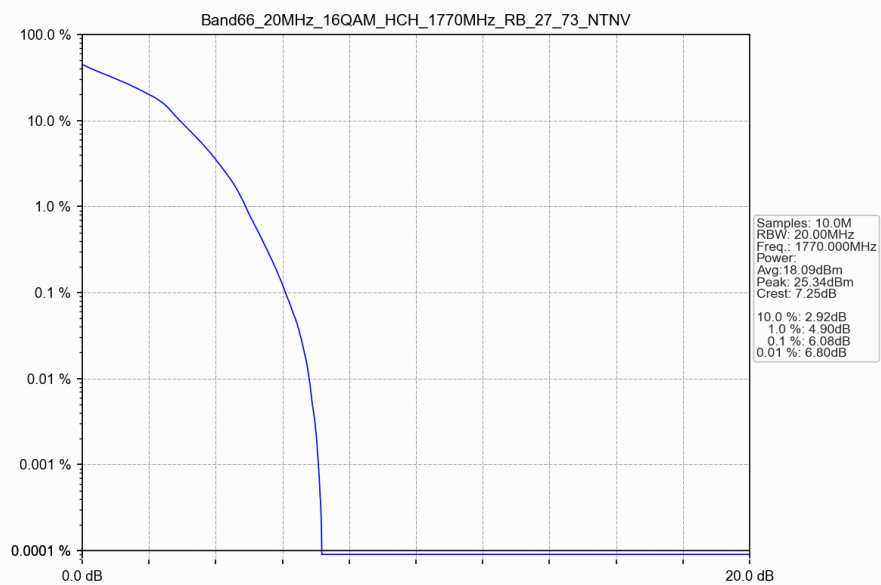
Band66 20MHz 16QAM LCH 1720MHz RB 27 0 NTN



Band66 20MHz 16QAM MCH 1745MHz RB 27 0 NTNV



Band66 20MHz 16QAM HCH 1770MHz RB 27 73 NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B66_1.4MHz

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

5.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1711.5	1	0	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
	1745	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	1778.5	1	0	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass

5.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		1	0	Refer To Test Graph	Pass
	1777.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

5.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1715	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	1745	1	0	Refer To Test Graph	Pass

	1775	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass

5.1.5 B66_15MHz

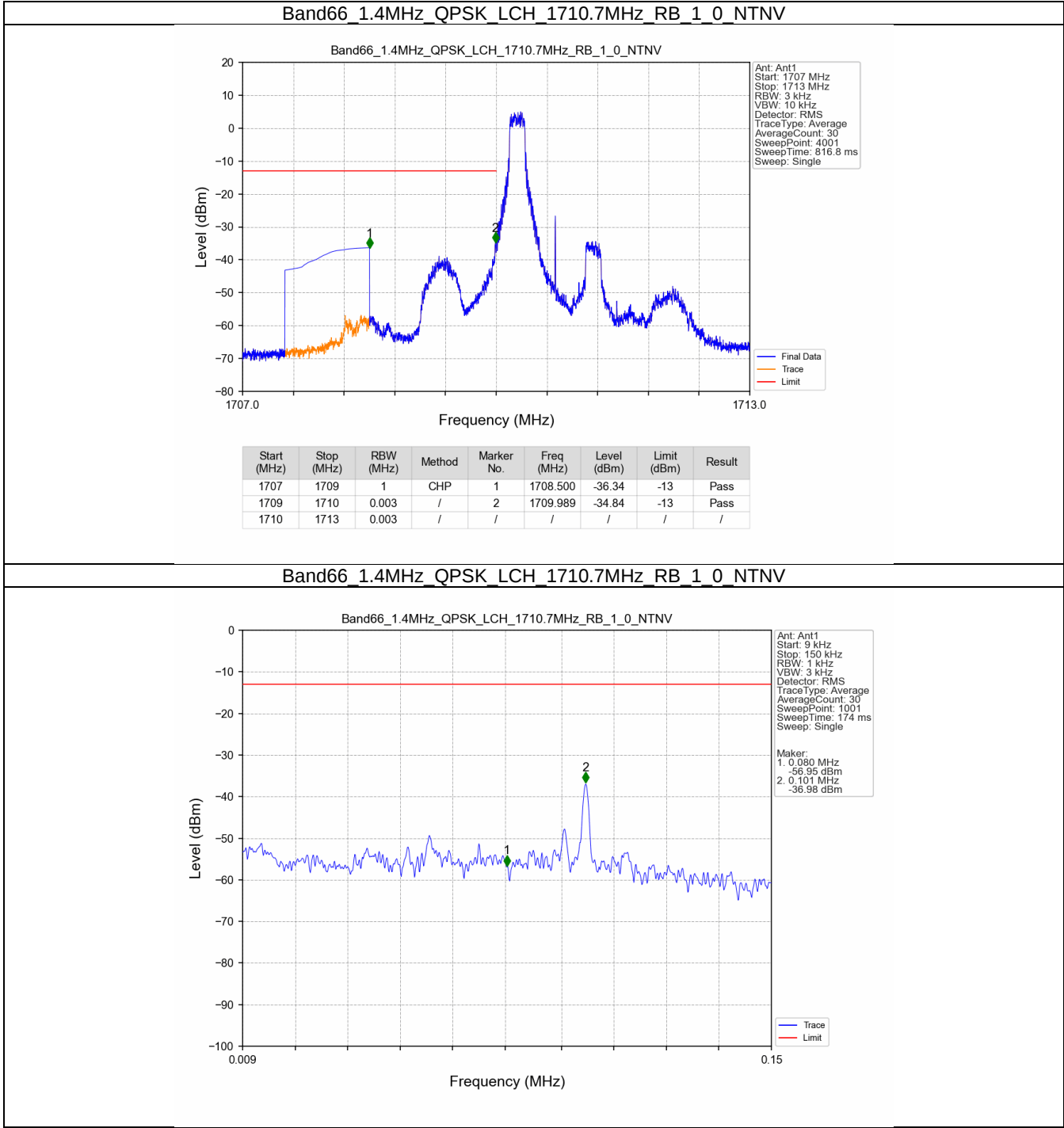
Band: 66 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.6 B66_20MHz

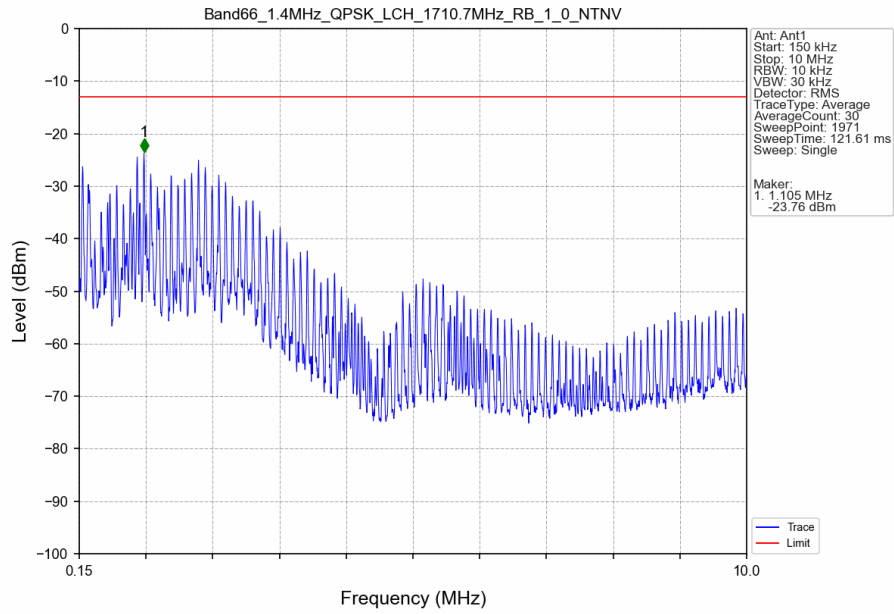
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1770	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

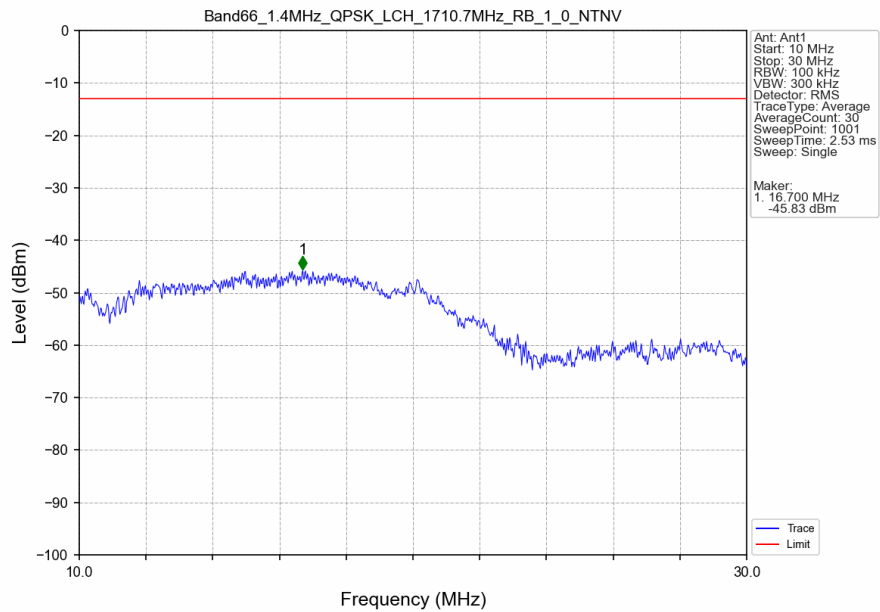
5.2.1 B66_1.4MHz



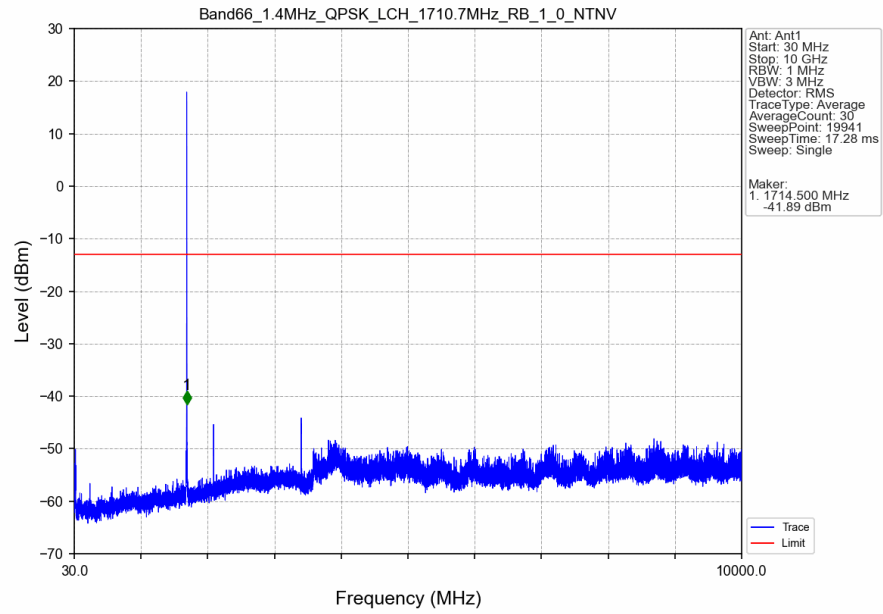
Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV



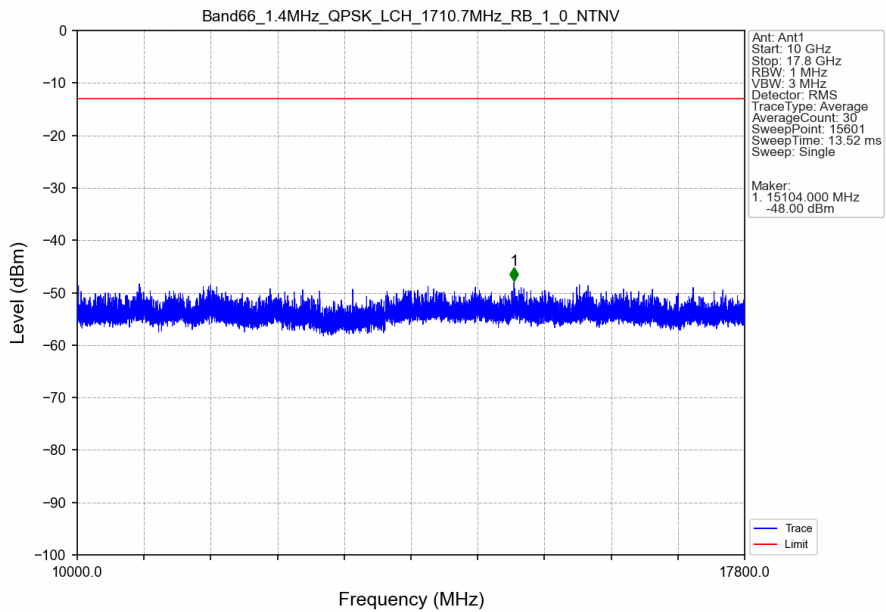
Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV



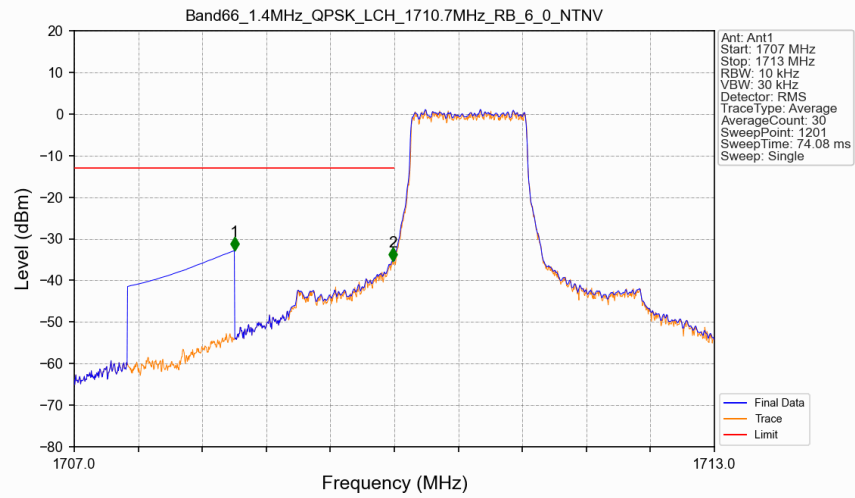
Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV



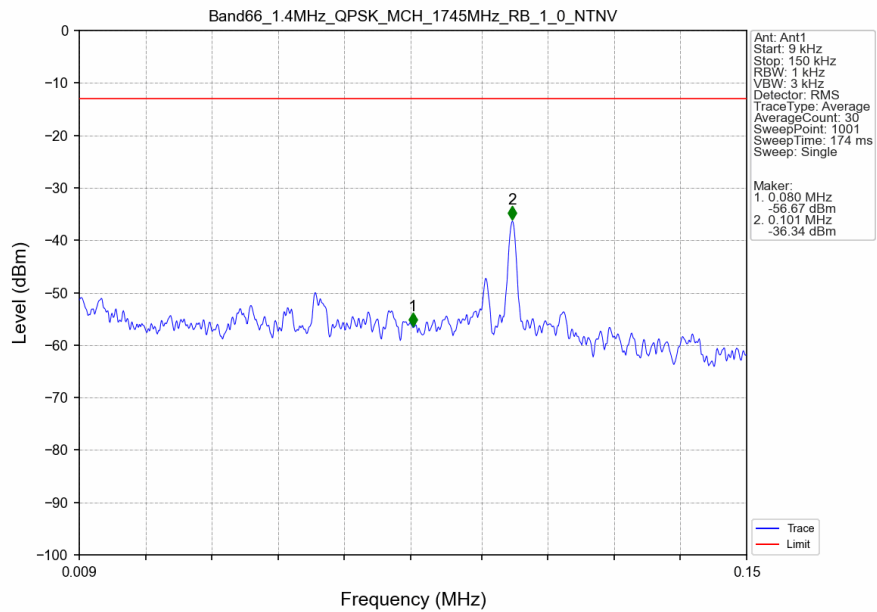
Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV



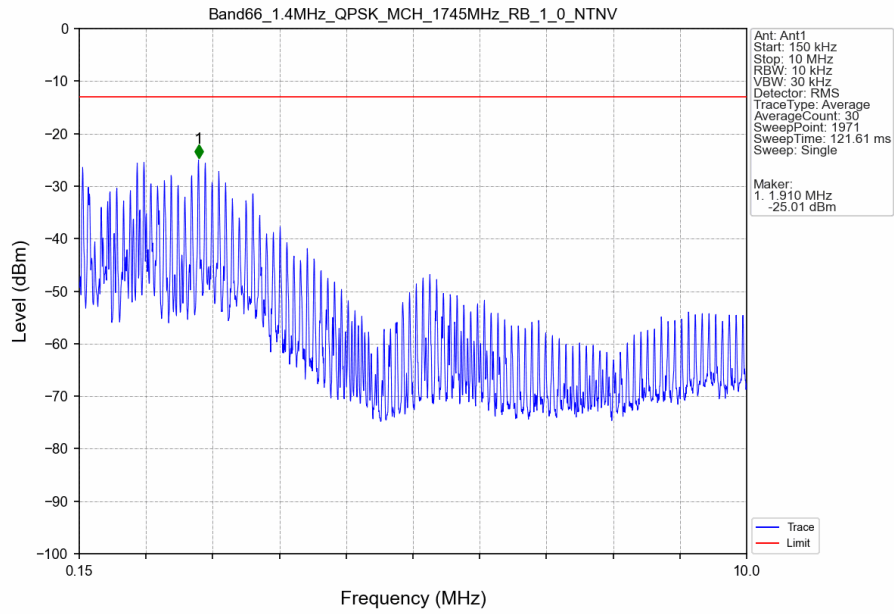
Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV



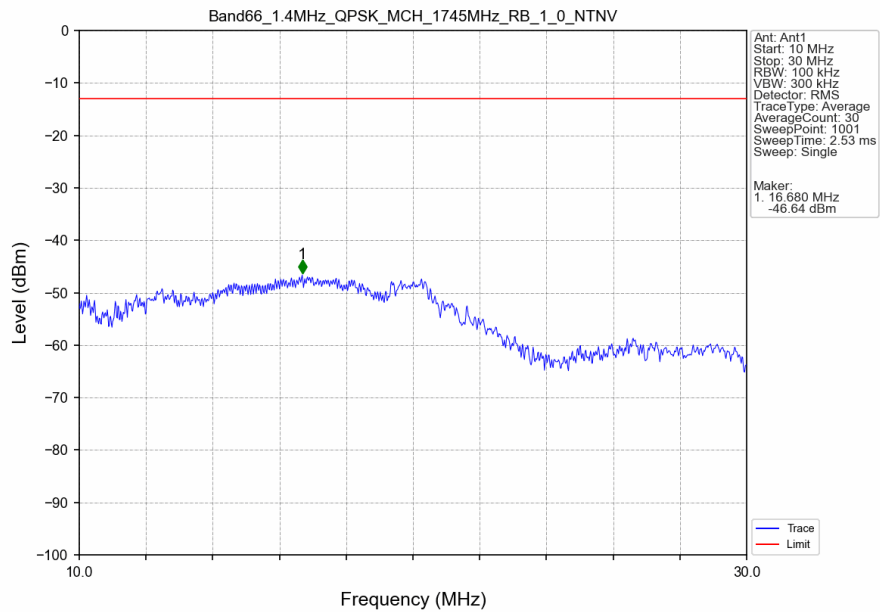
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTV



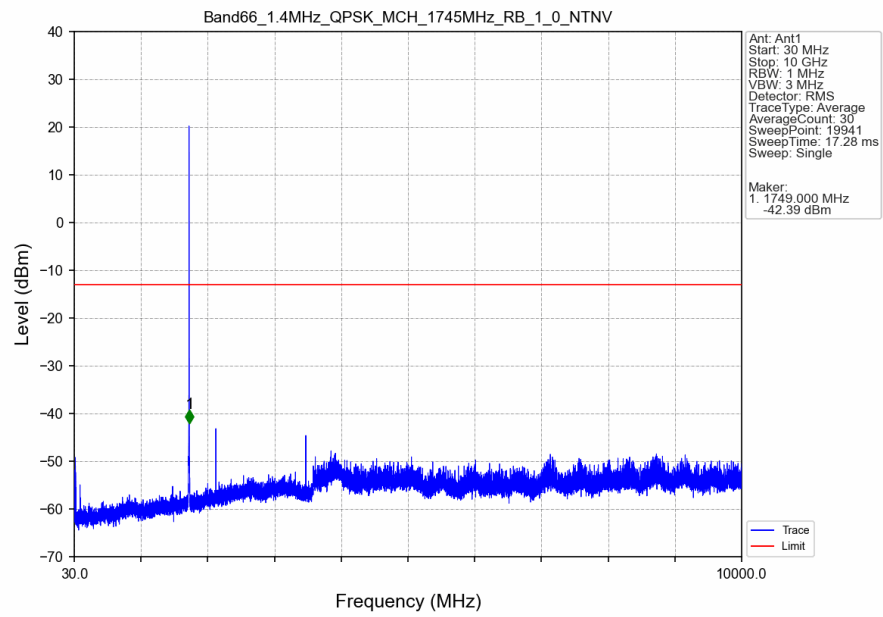
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



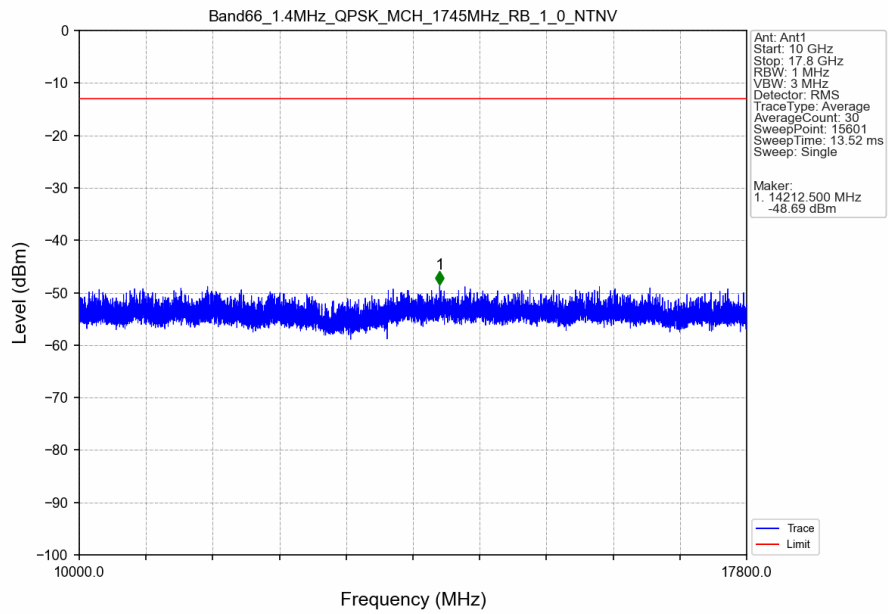
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



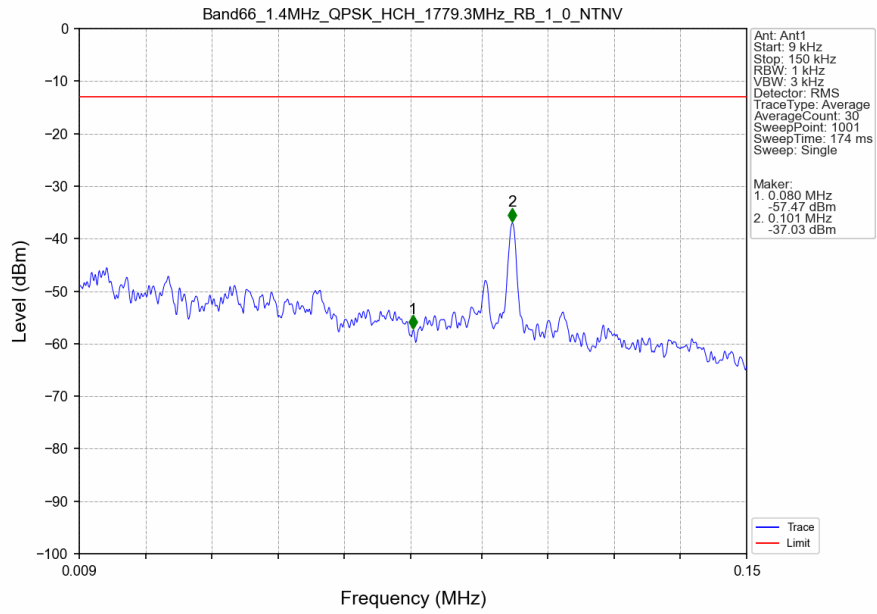
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



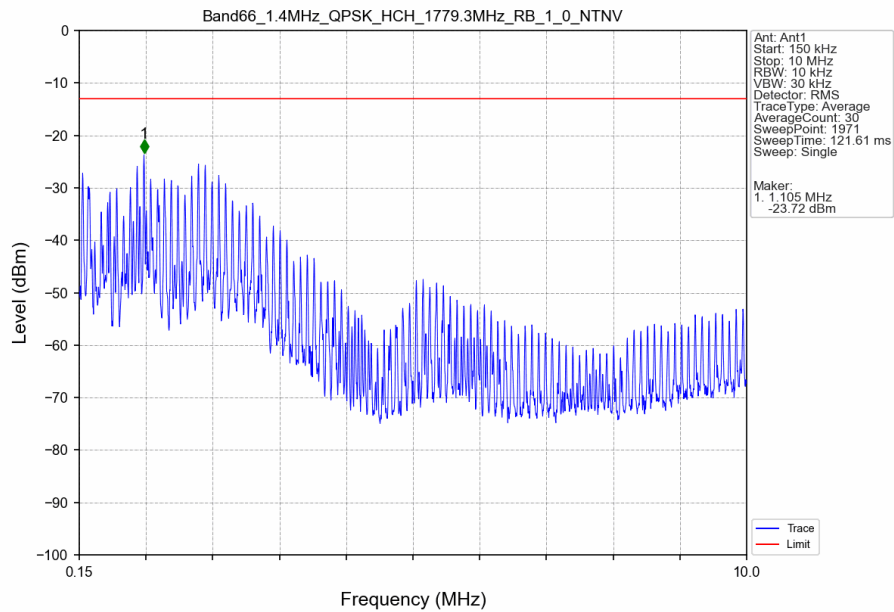
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



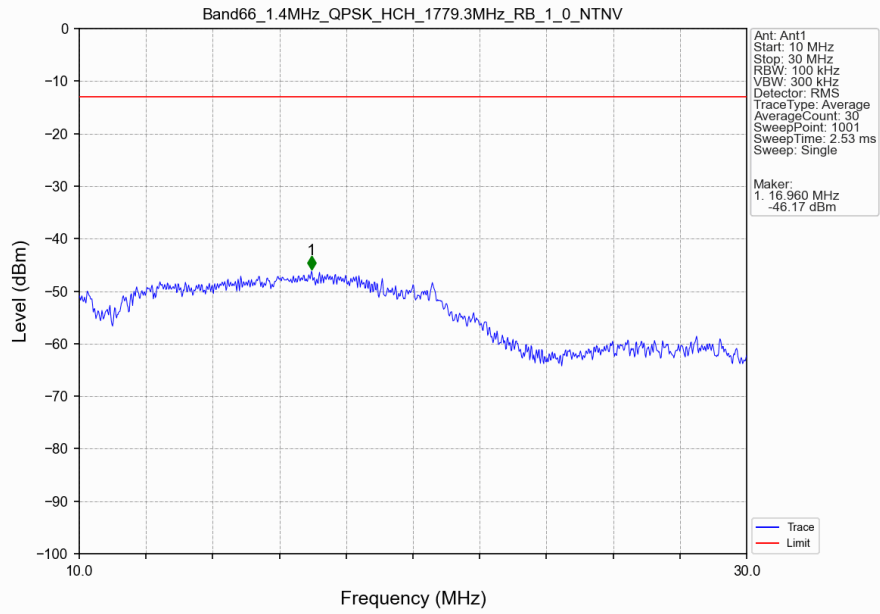
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



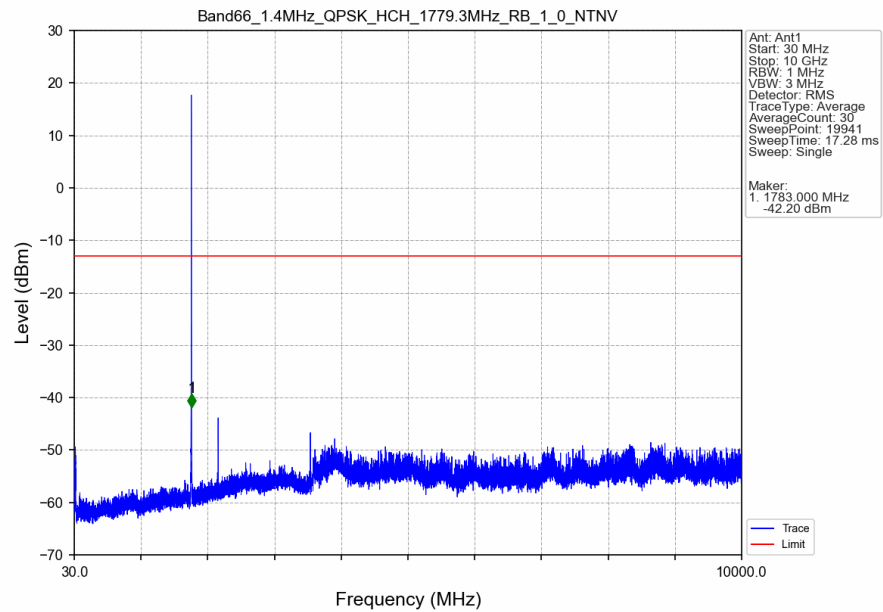
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



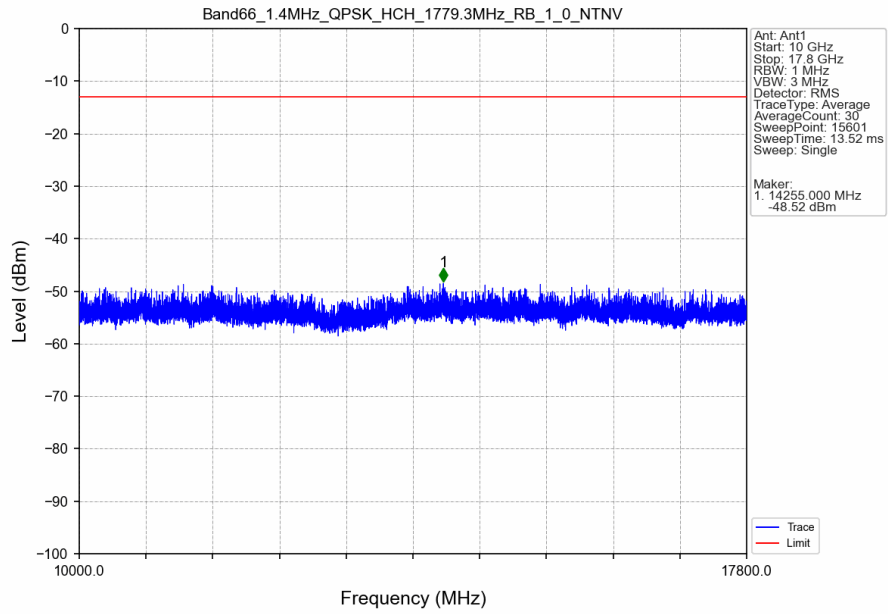
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



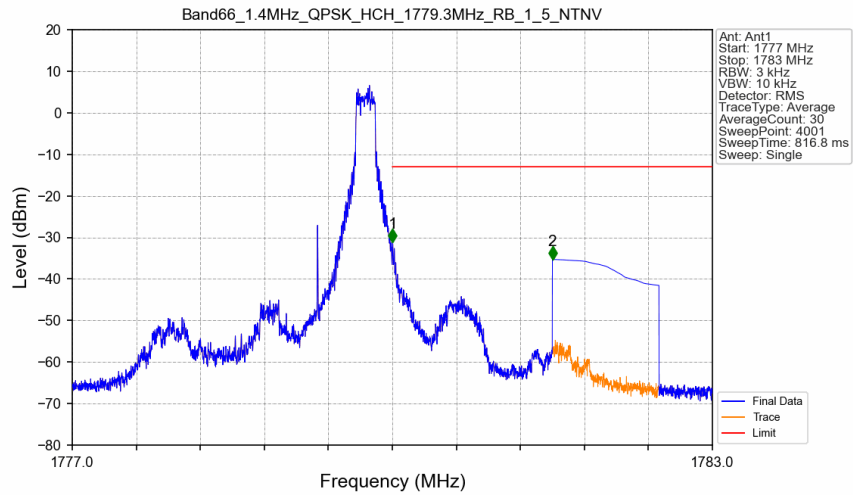
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_0_NTNV



Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTN

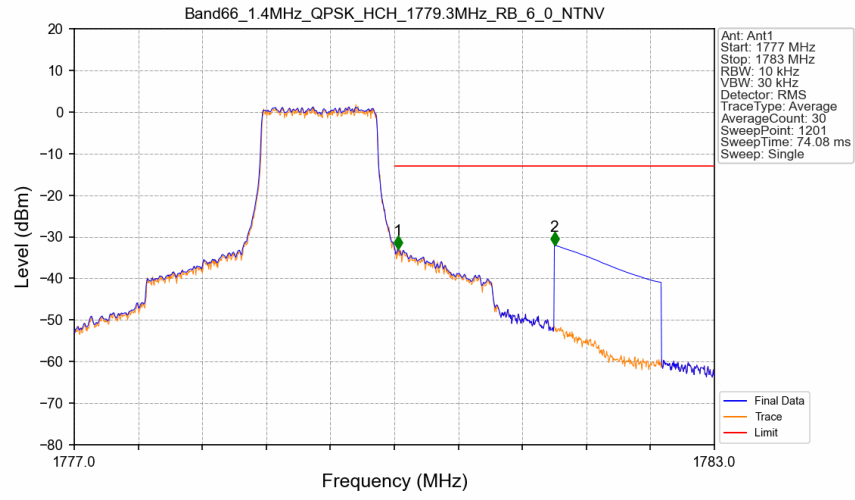


Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTN



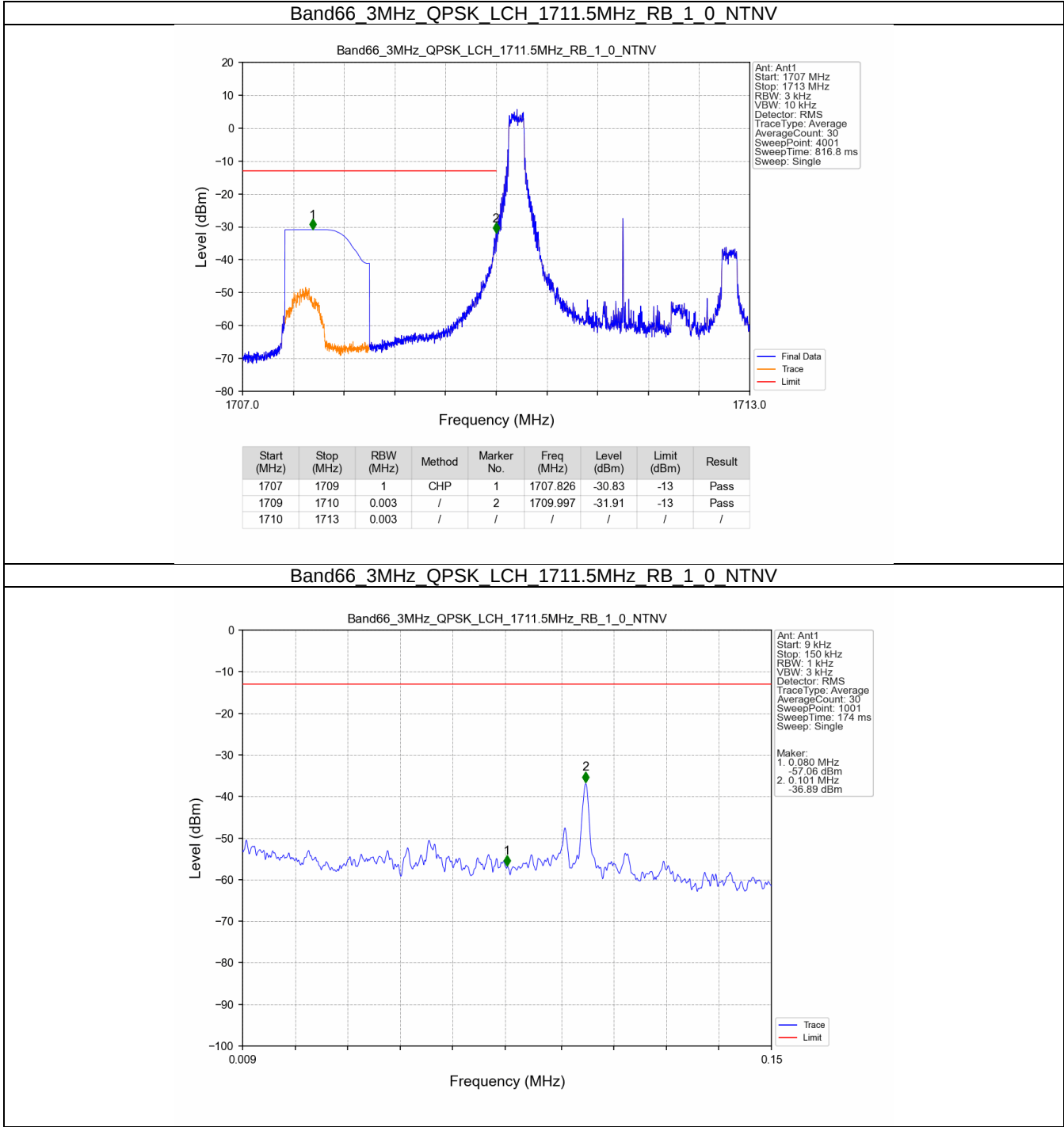
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.003	-31.21	-13	Pass
1781	1783	1	CHP	2	1781.500	-35.30	-13	Pass

Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN

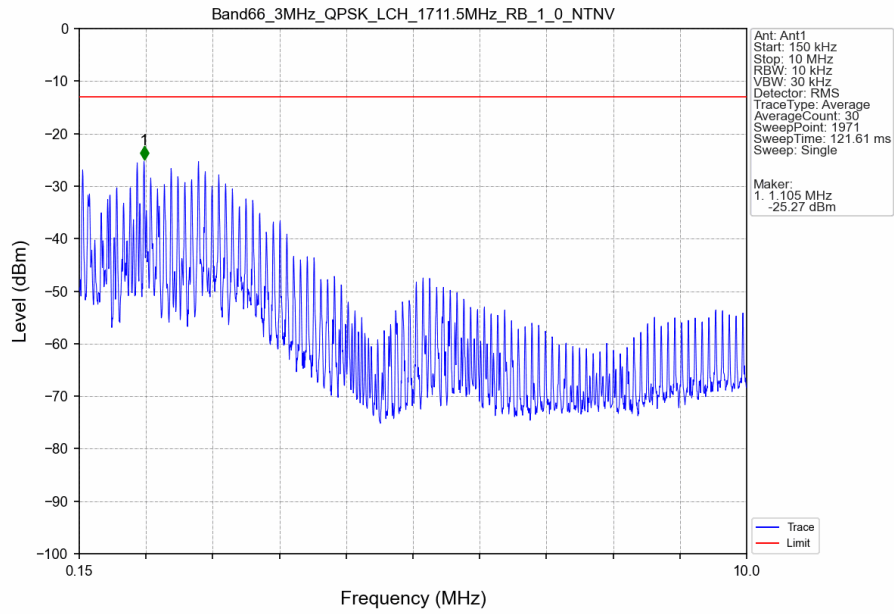


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.013	CHP	/	/	/	/	/
1780	1781	0.013	CHP	1	1780.035	-32.93	-13	Pass
1781	1783	1	CHP	2	1781.500	-32.00	-13	Pass

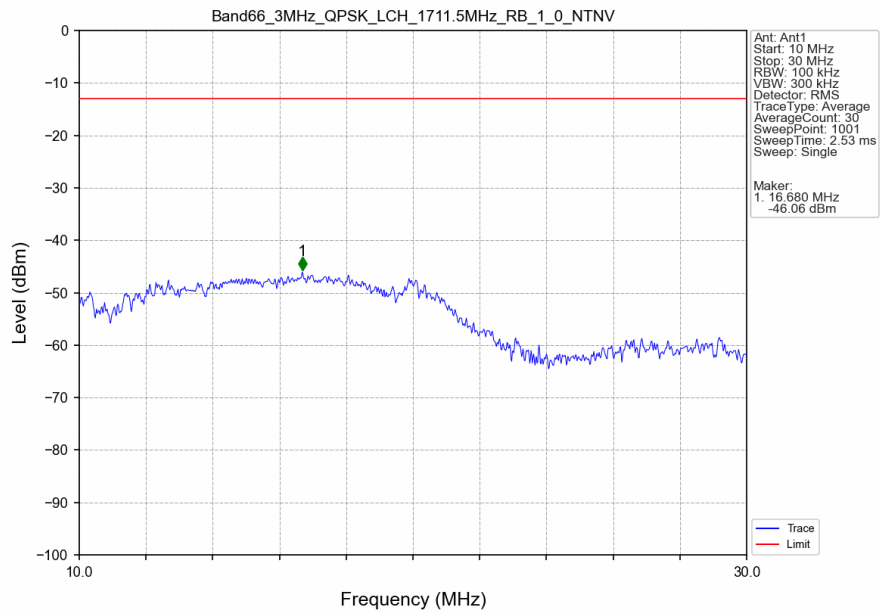
5.2.2 B66_3MHz



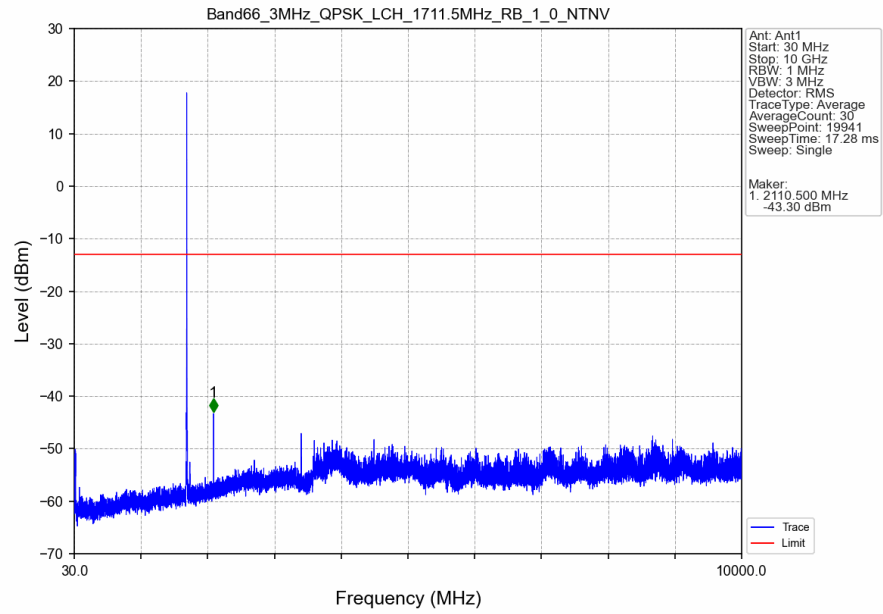
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



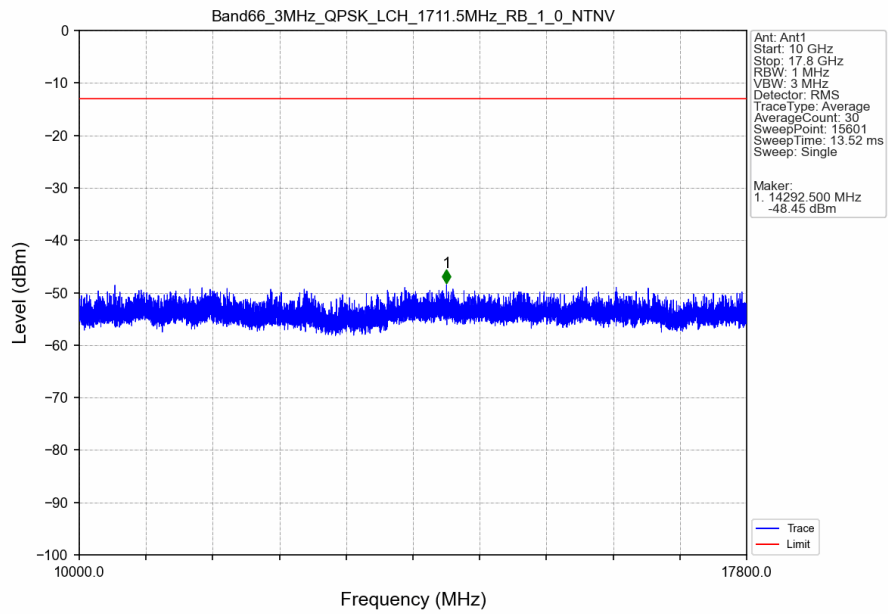
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



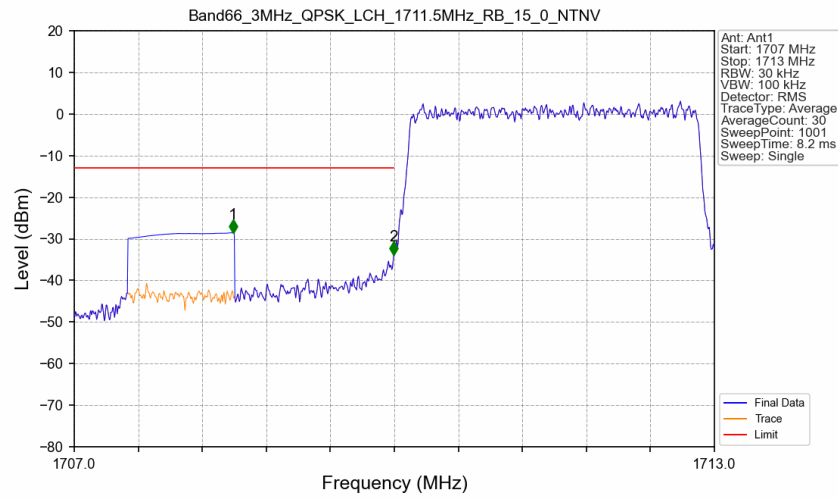
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

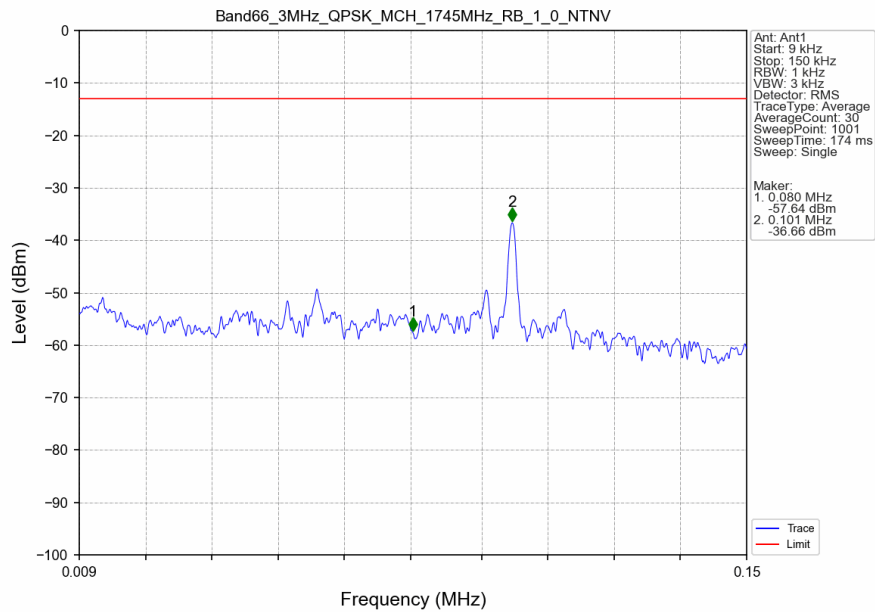


Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

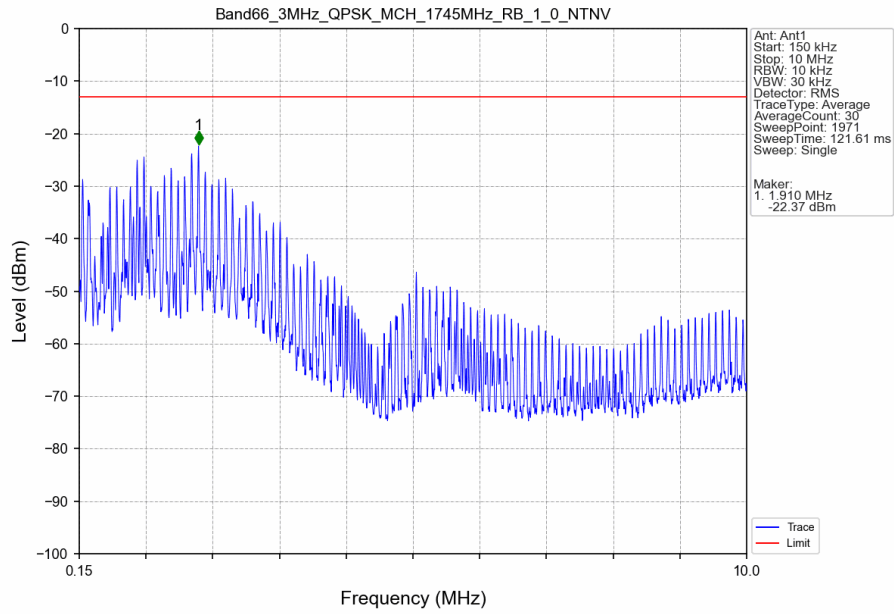


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.488	-28.56	-13	Pass
1709	1710	0.03	/	2	1709.994	-33.89	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

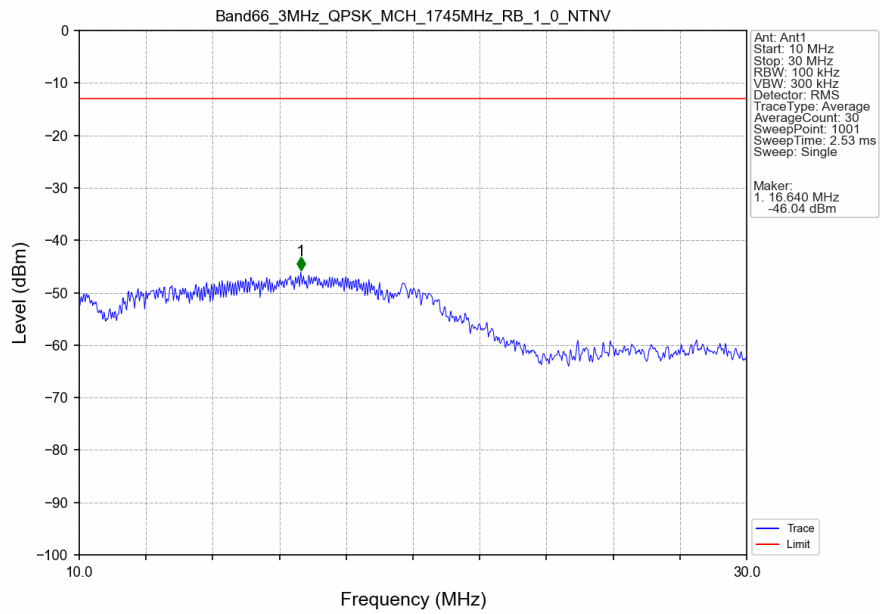
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



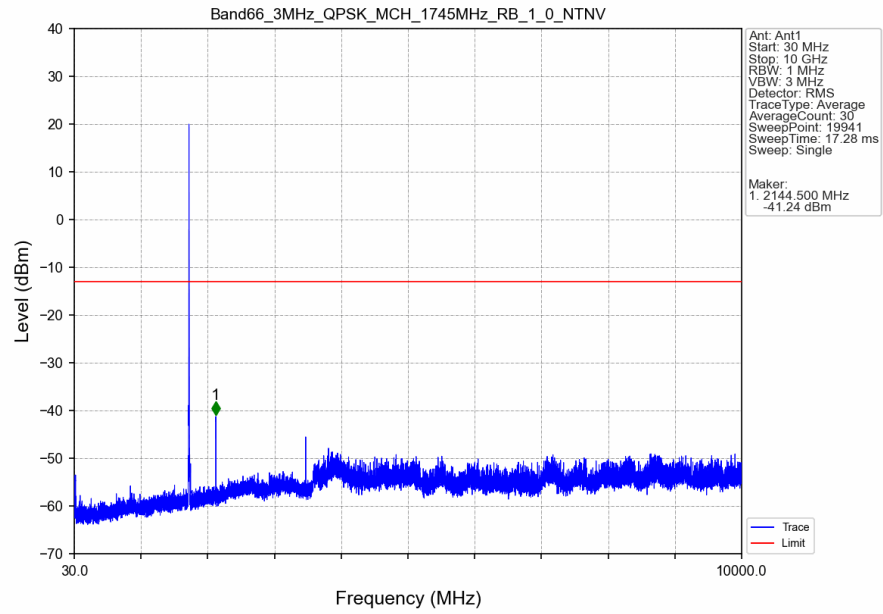
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



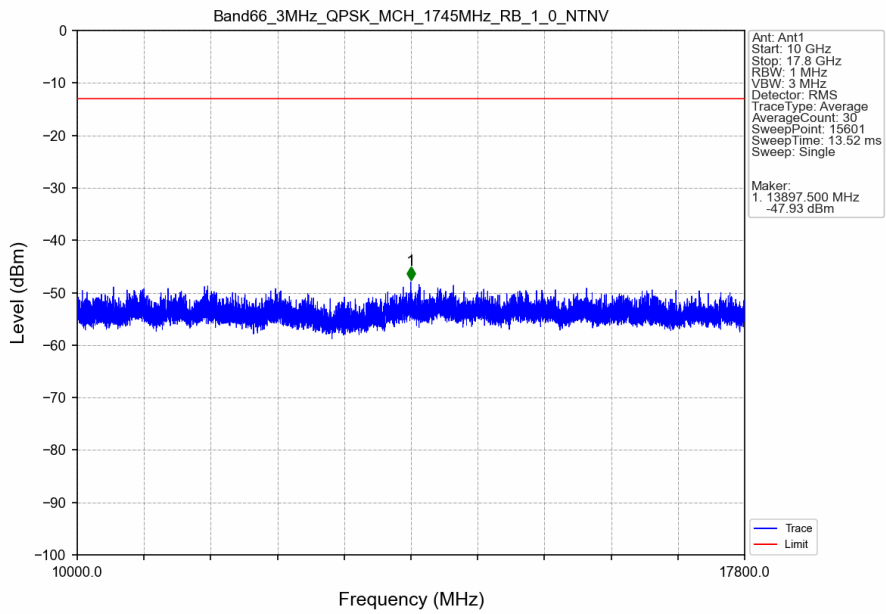
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



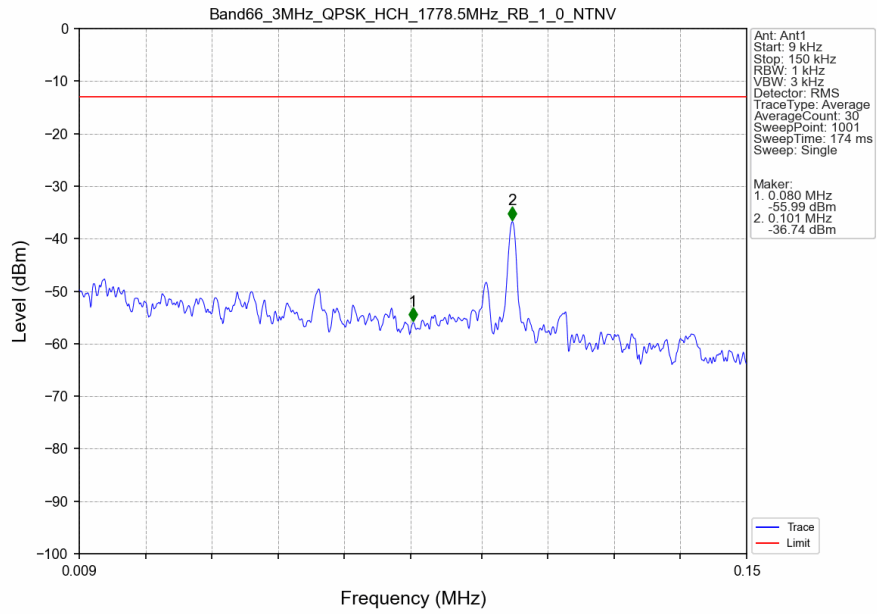
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



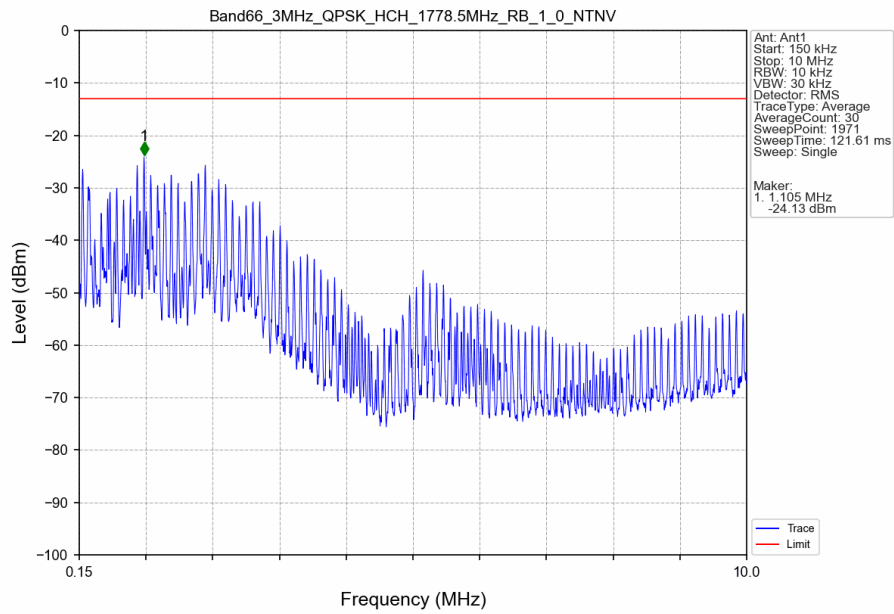
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



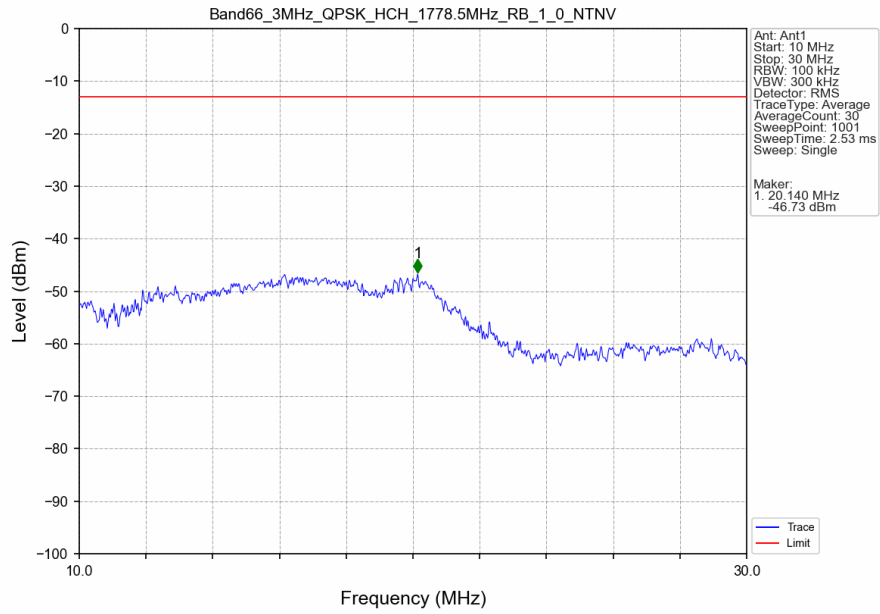
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV



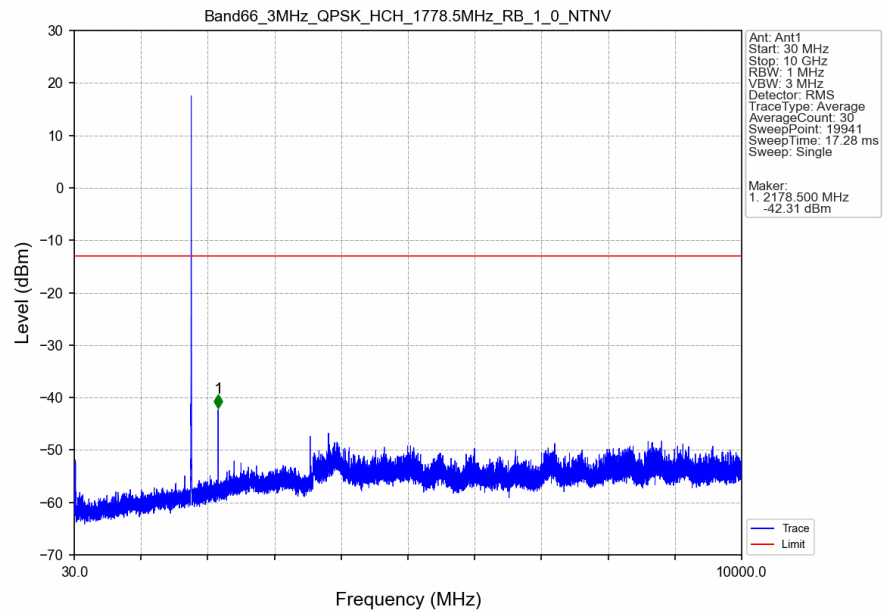
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV



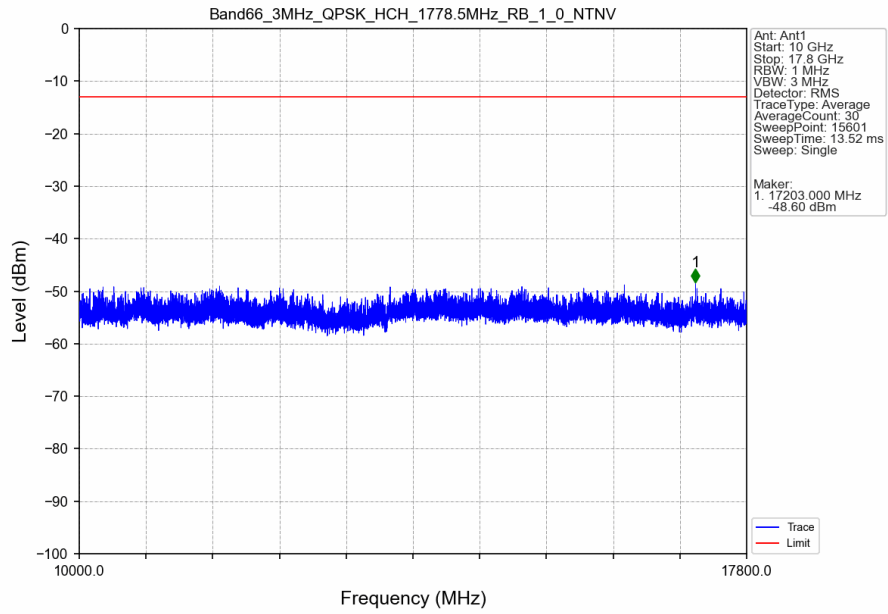
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV



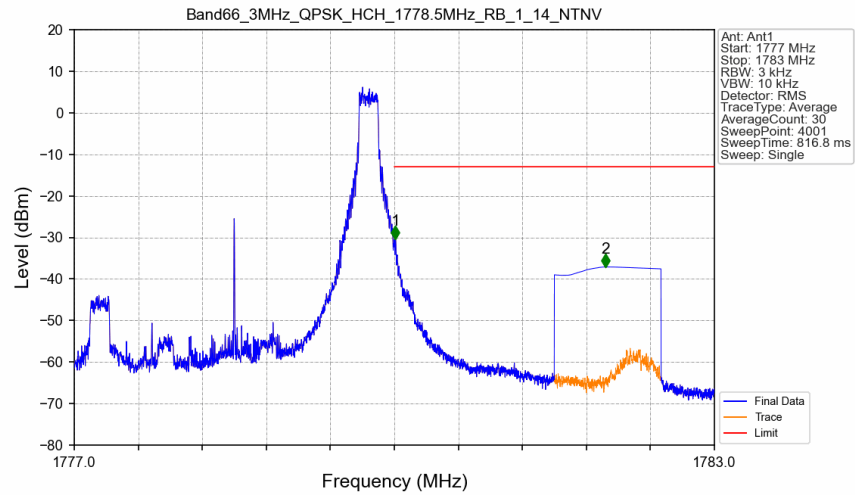
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV



Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV

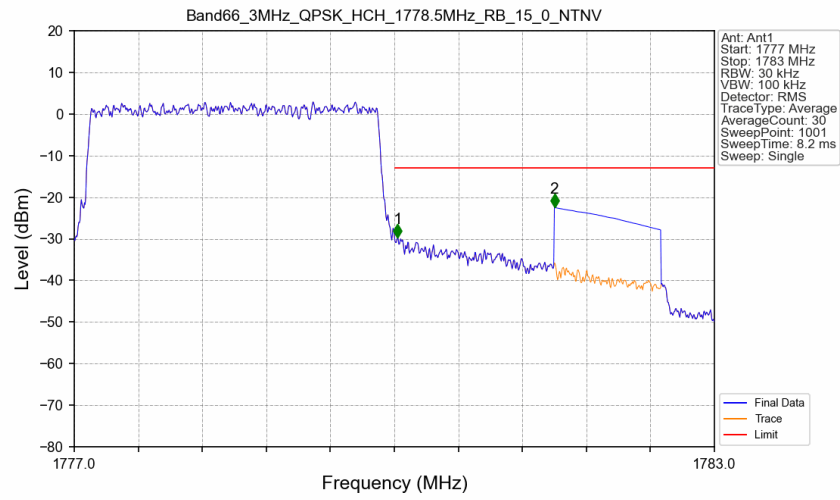


Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_14_NTNV



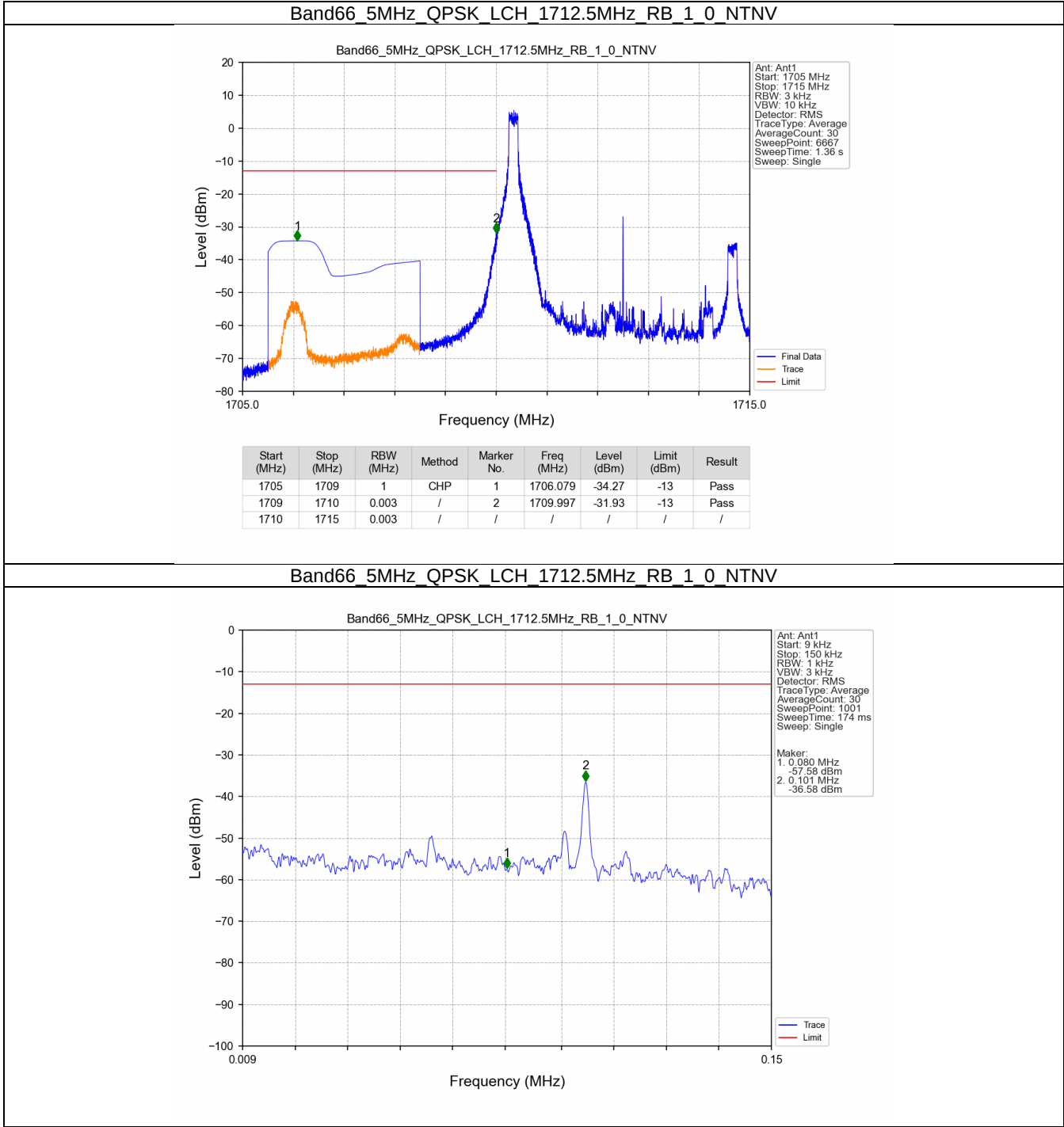
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.011	-30.40	-13	Pass
1781	1783	1	CHP	2	1781.982	-37.11	-13	Pass

Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV

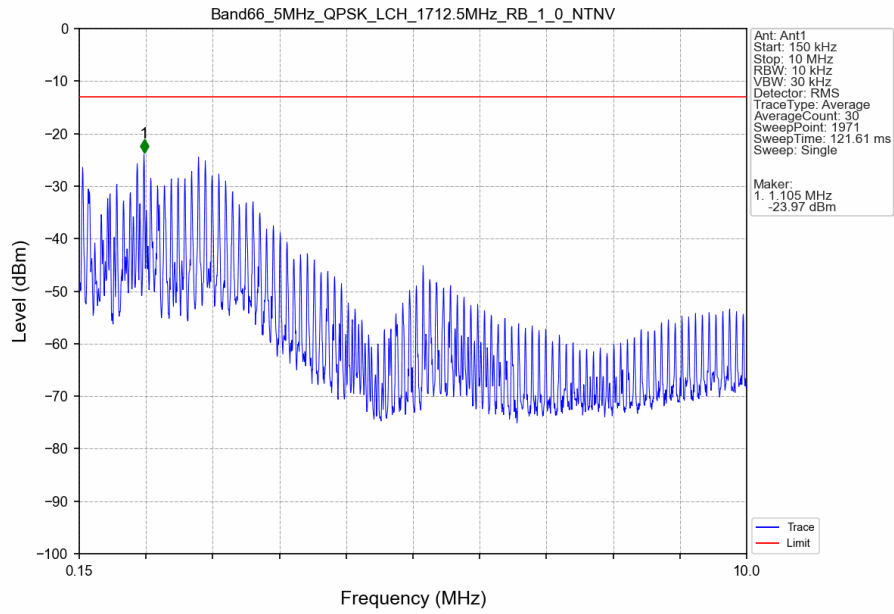


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.03	/	/	/	/	/	/
1780	1781	0.03	/	1	1780.030	-29.59	-13	Pass
1781	1783	1	CHP	2	1781.500	-22.45	-13	Pass

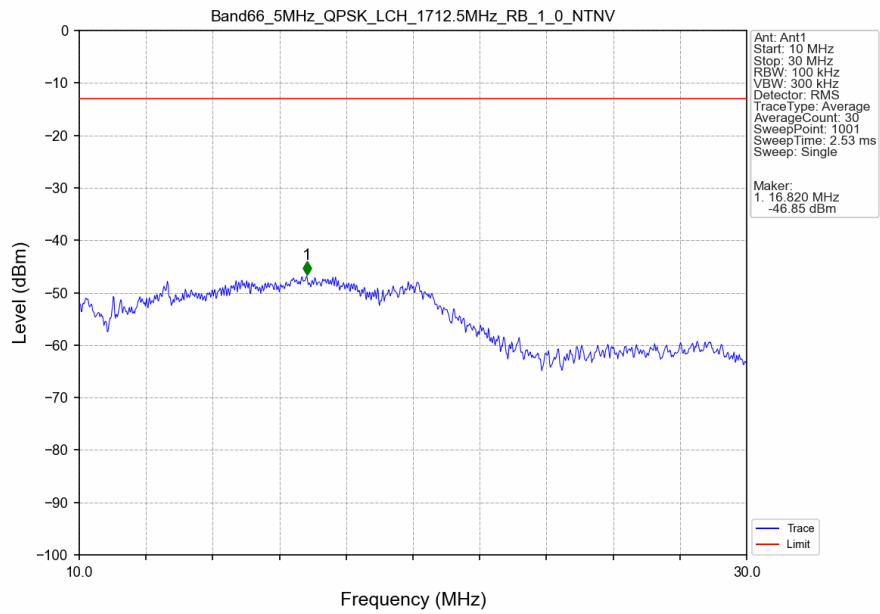
5.2.3 B66_5MHz



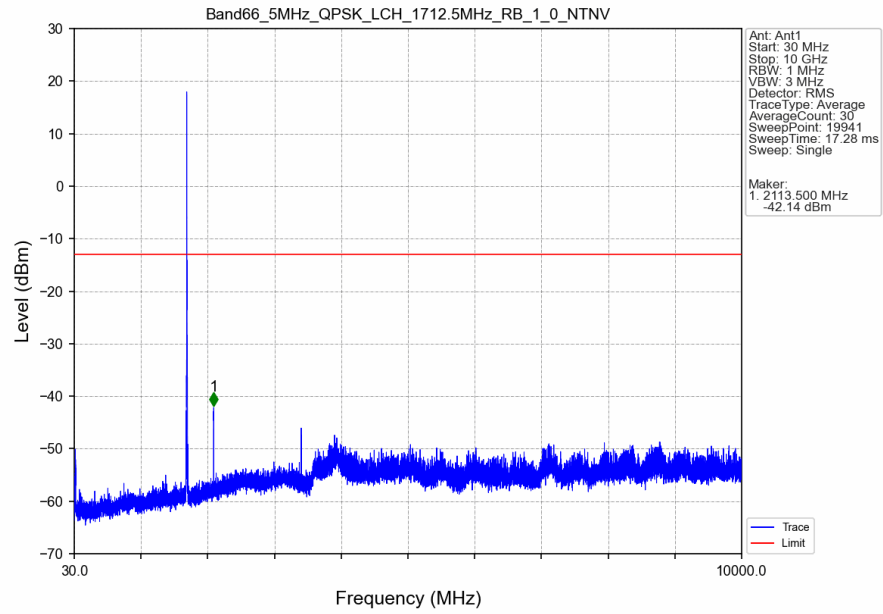
Band66 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV



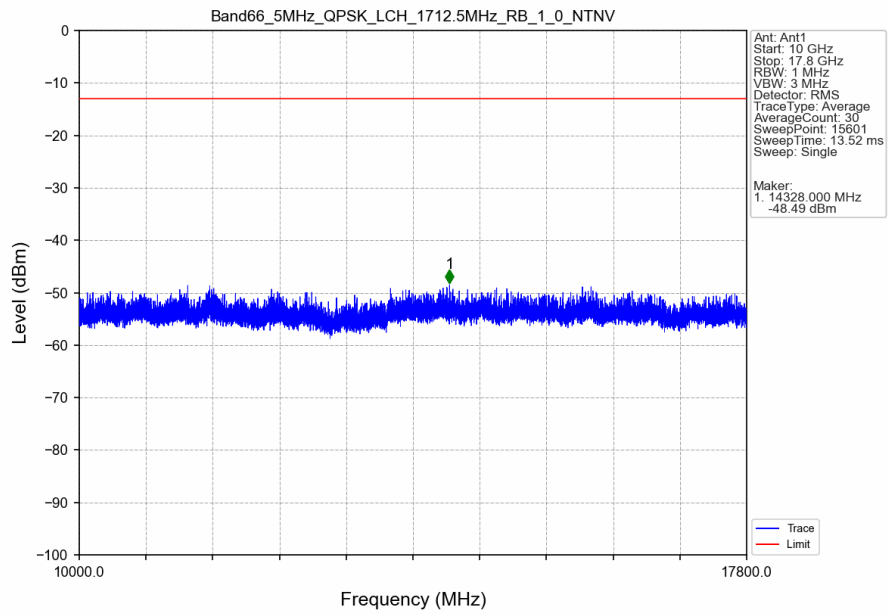
Band66 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV



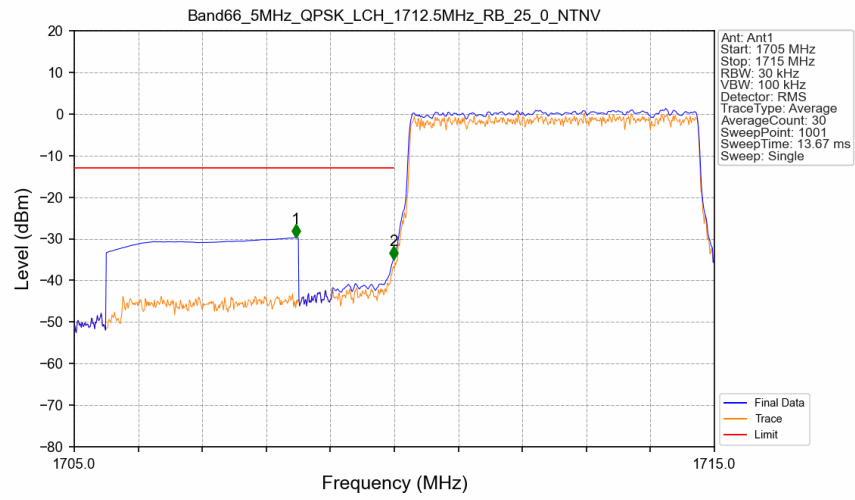
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

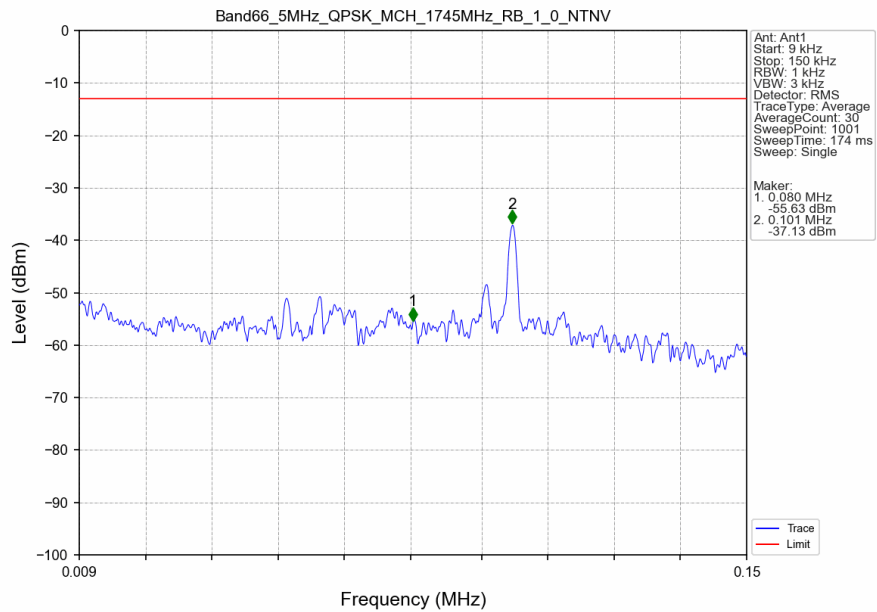


Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

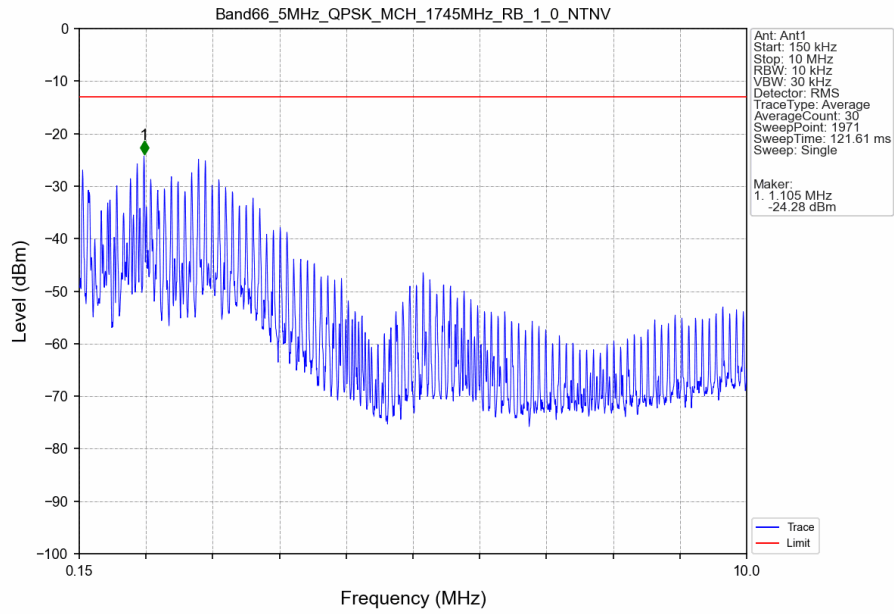


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.460	-29.73	-13	Pass
1709	1710	0.05	CHP	2	1709.990	-34.89	-13	Pass
1710	1715	0.05	CHP	/	/	/	/	/

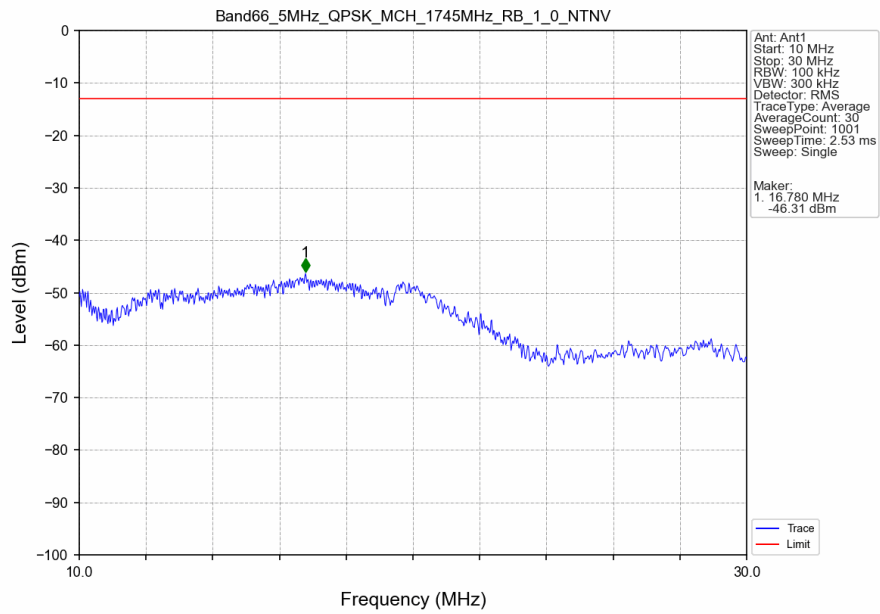
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



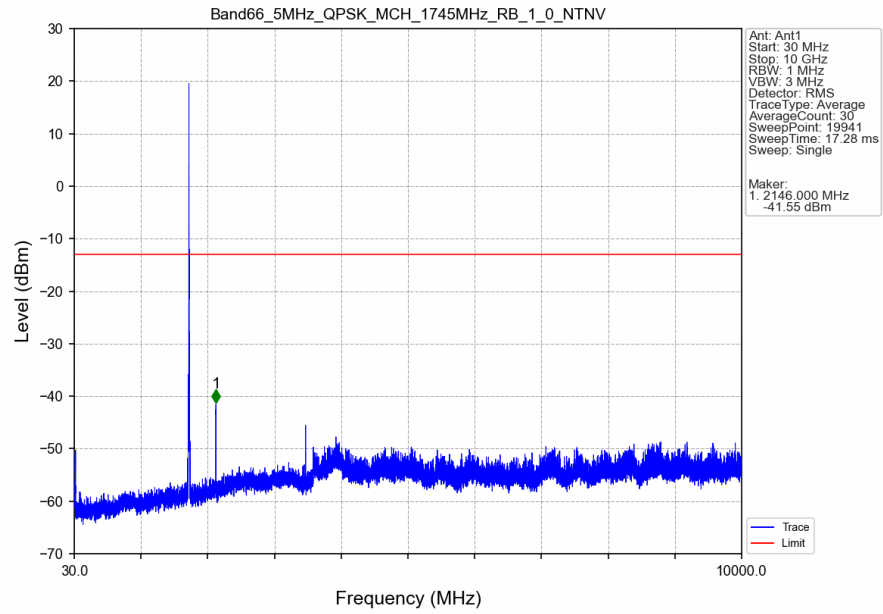
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



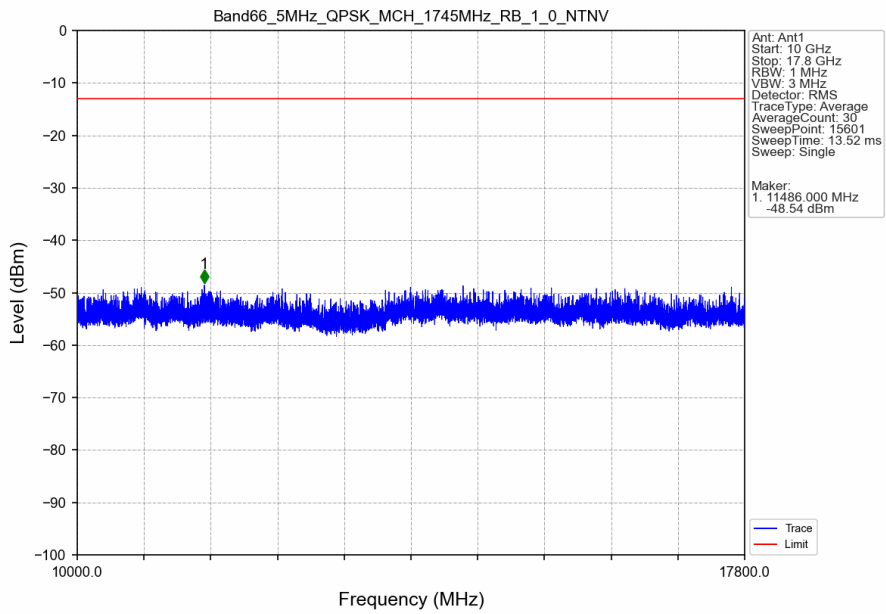
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



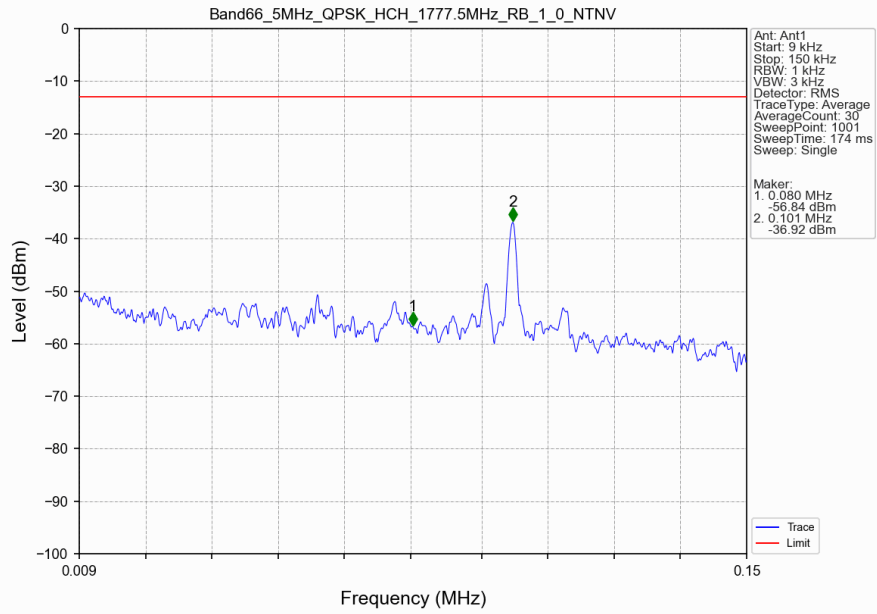
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



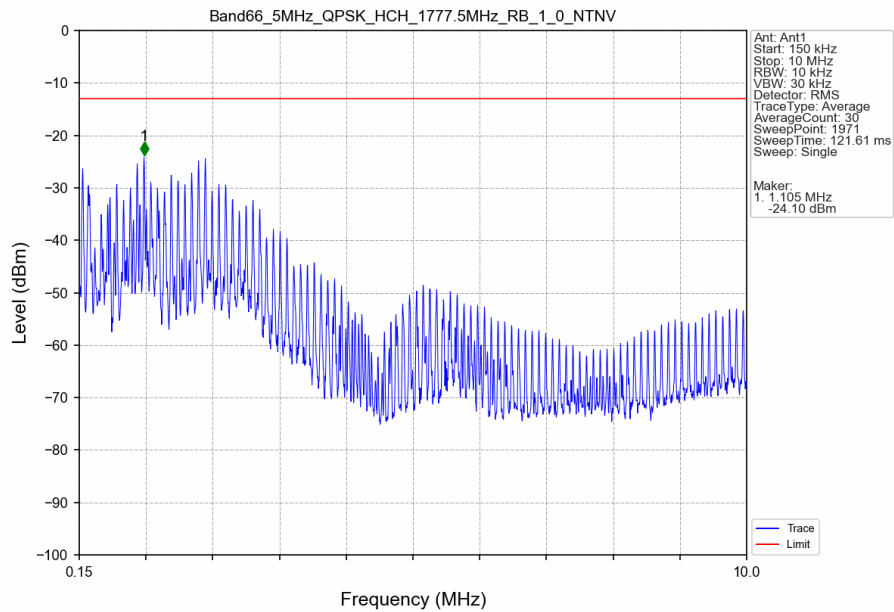
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



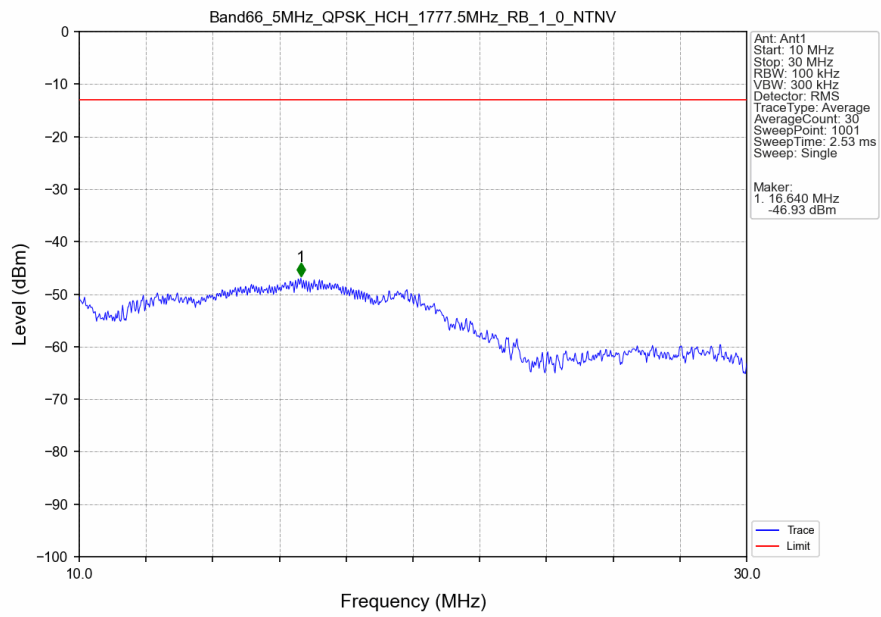
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV



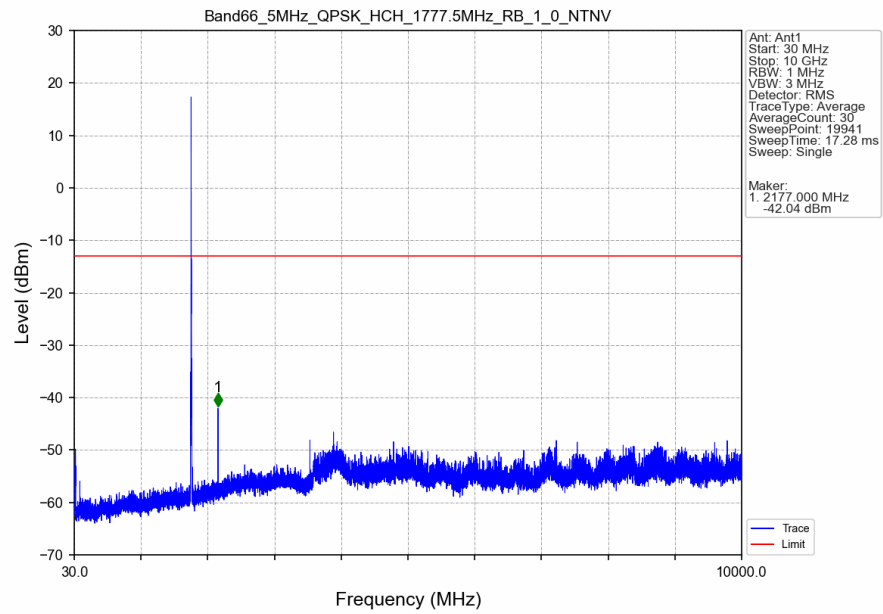
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV



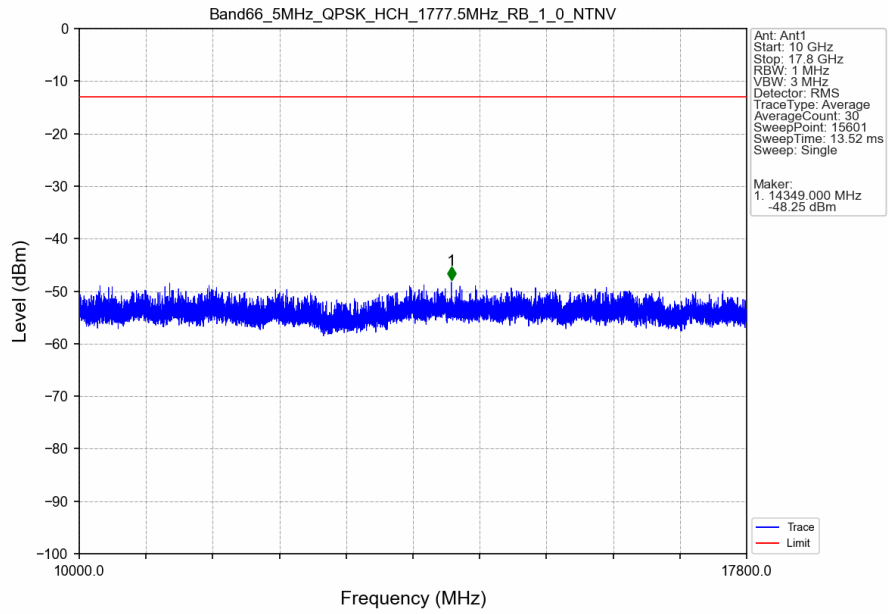
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV



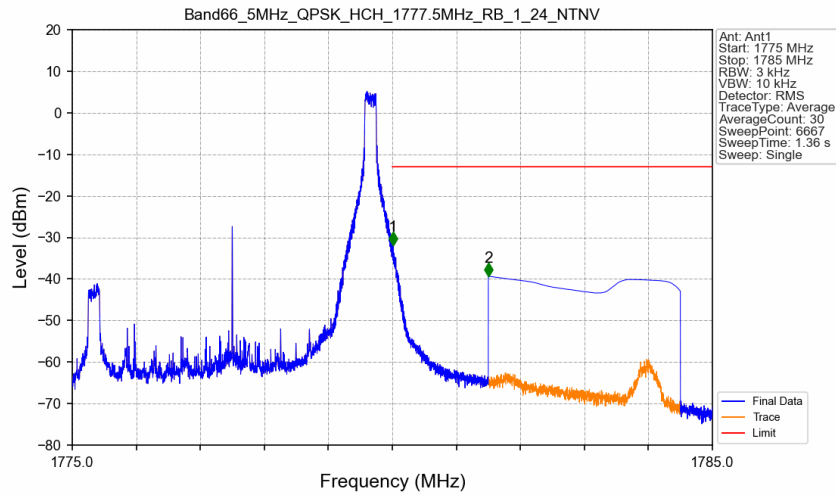
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV



Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV

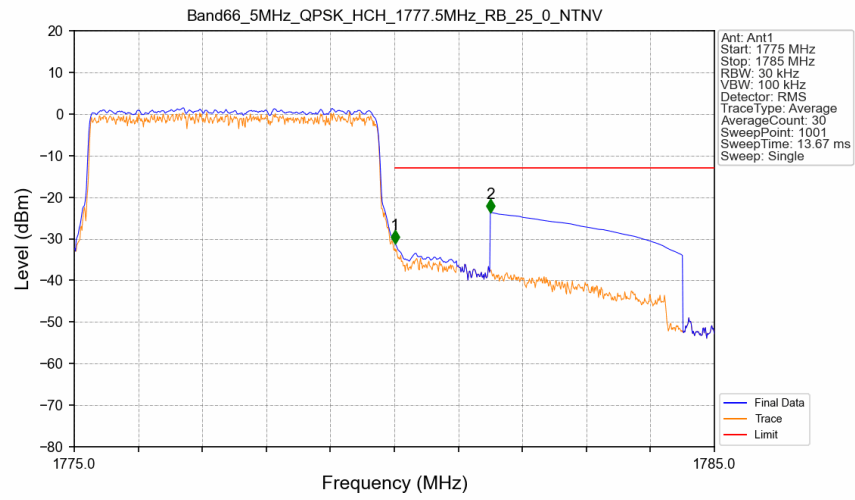


Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_24_NTNV



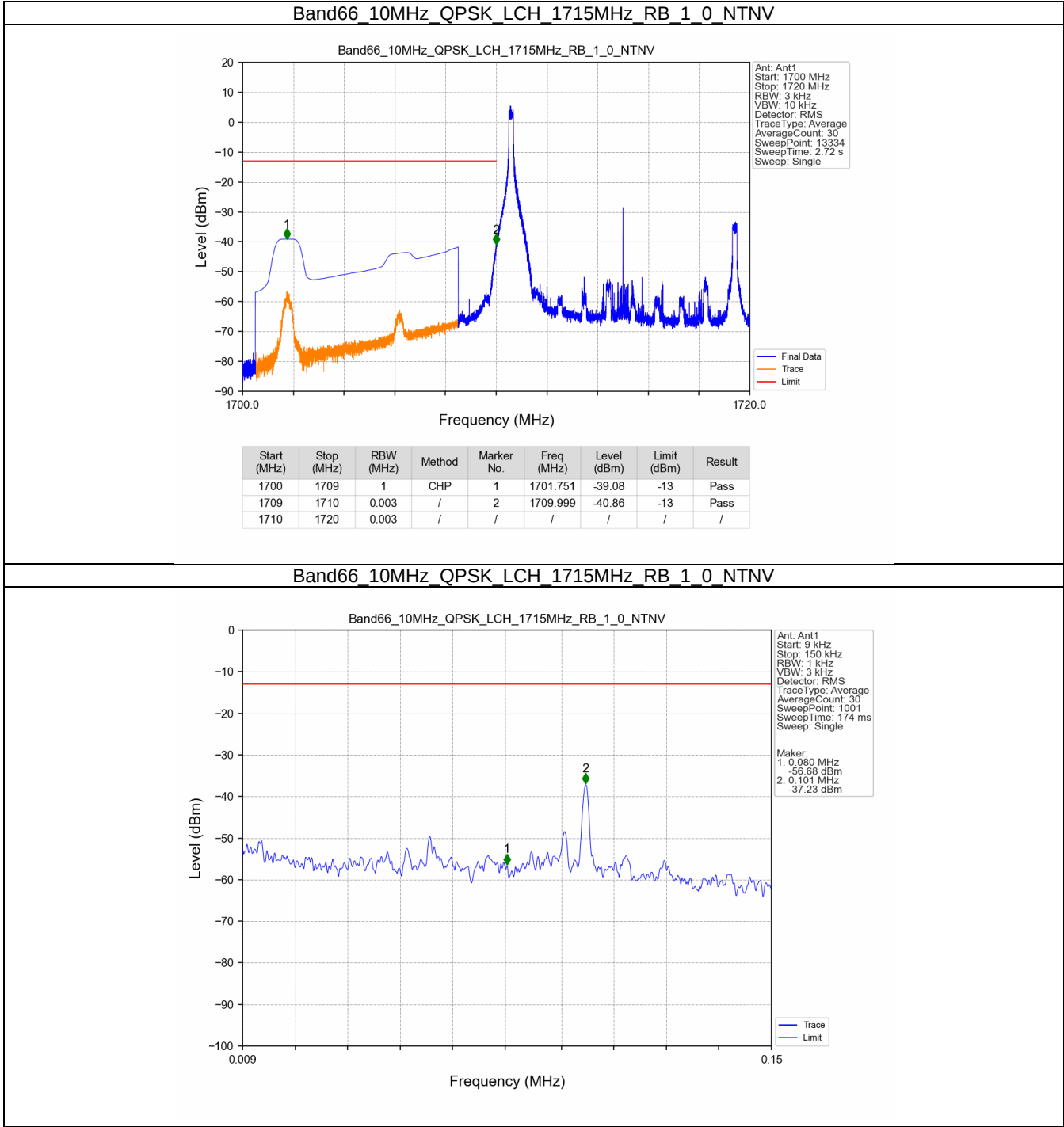
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.012	-31.83	-13	Pass
1781	1785	1	CHP	2	1781.500	-39.34	-13	Pass

Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV

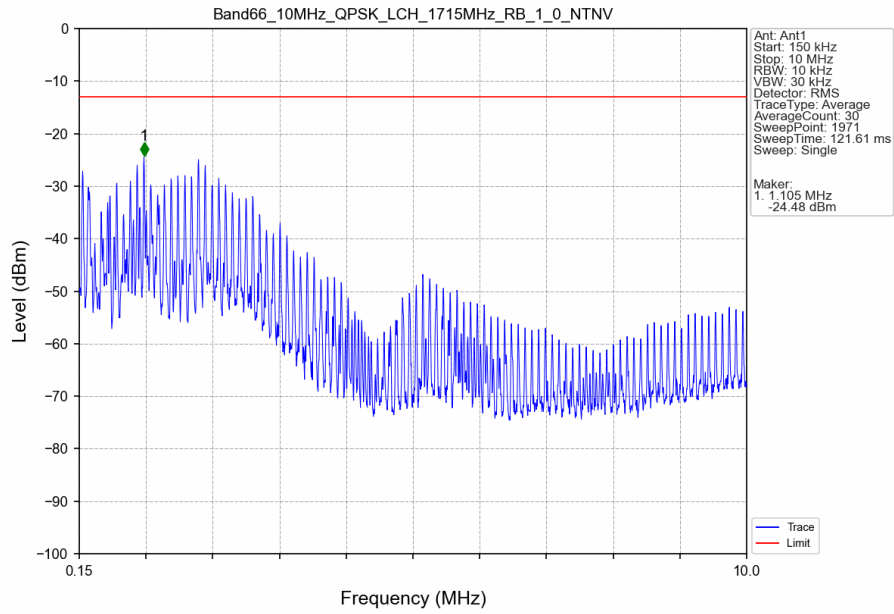


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.05	CHP	/	/	/	/	/
1780	1781	0.05	CHP	1	1780.010	-31.09	-13	Pass
1781	1785	1	CHP	2	1781.500	-23.64	-13	Pass

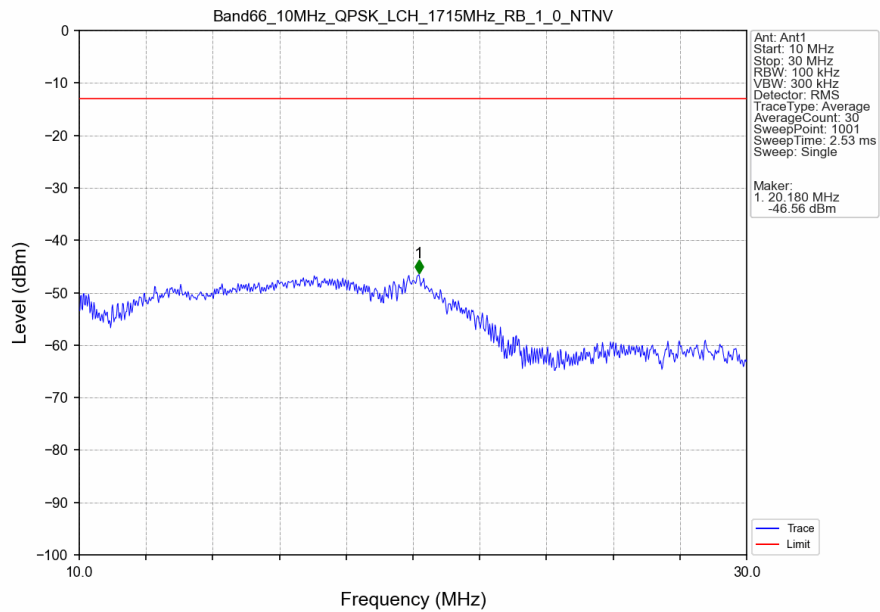
5.2.4 B66_10MHz



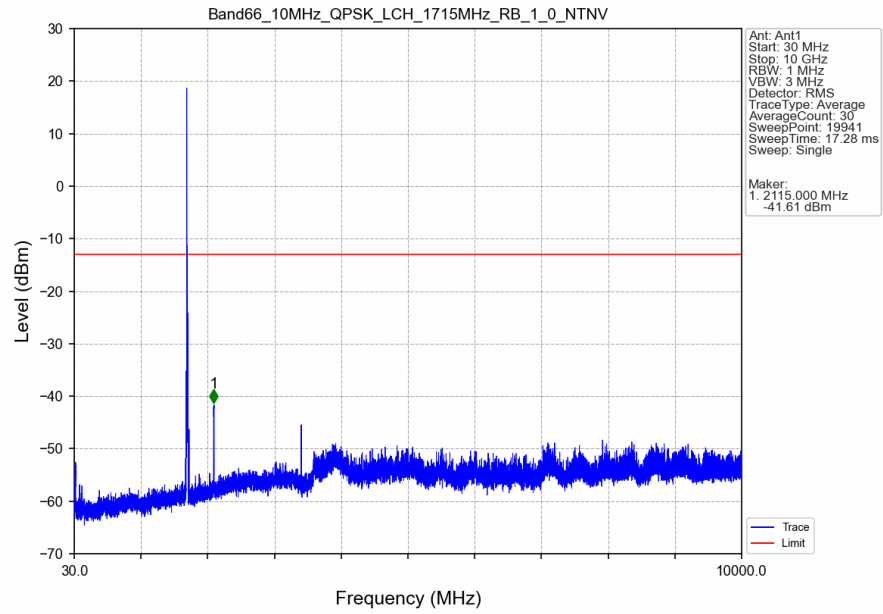
Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTN



Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTN



Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTN



Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTN

