



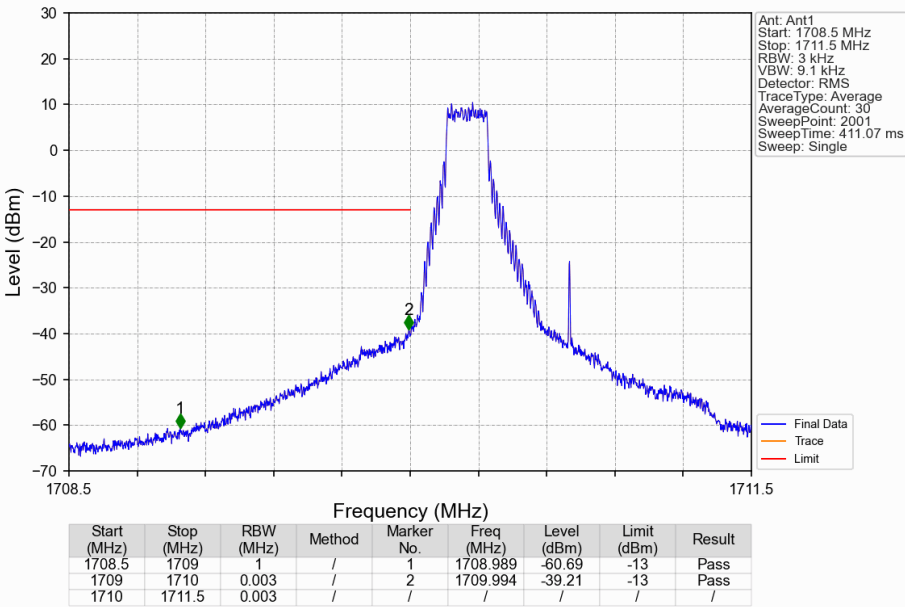
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Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



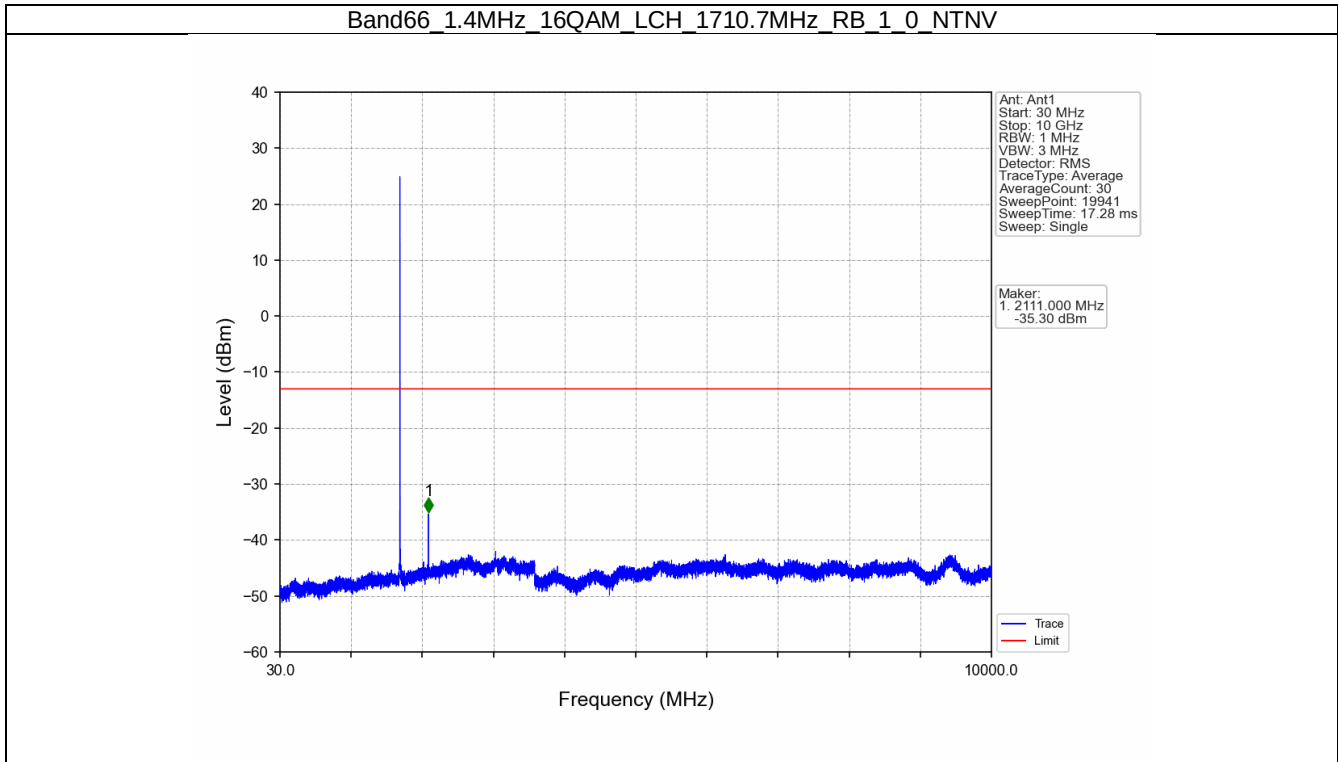


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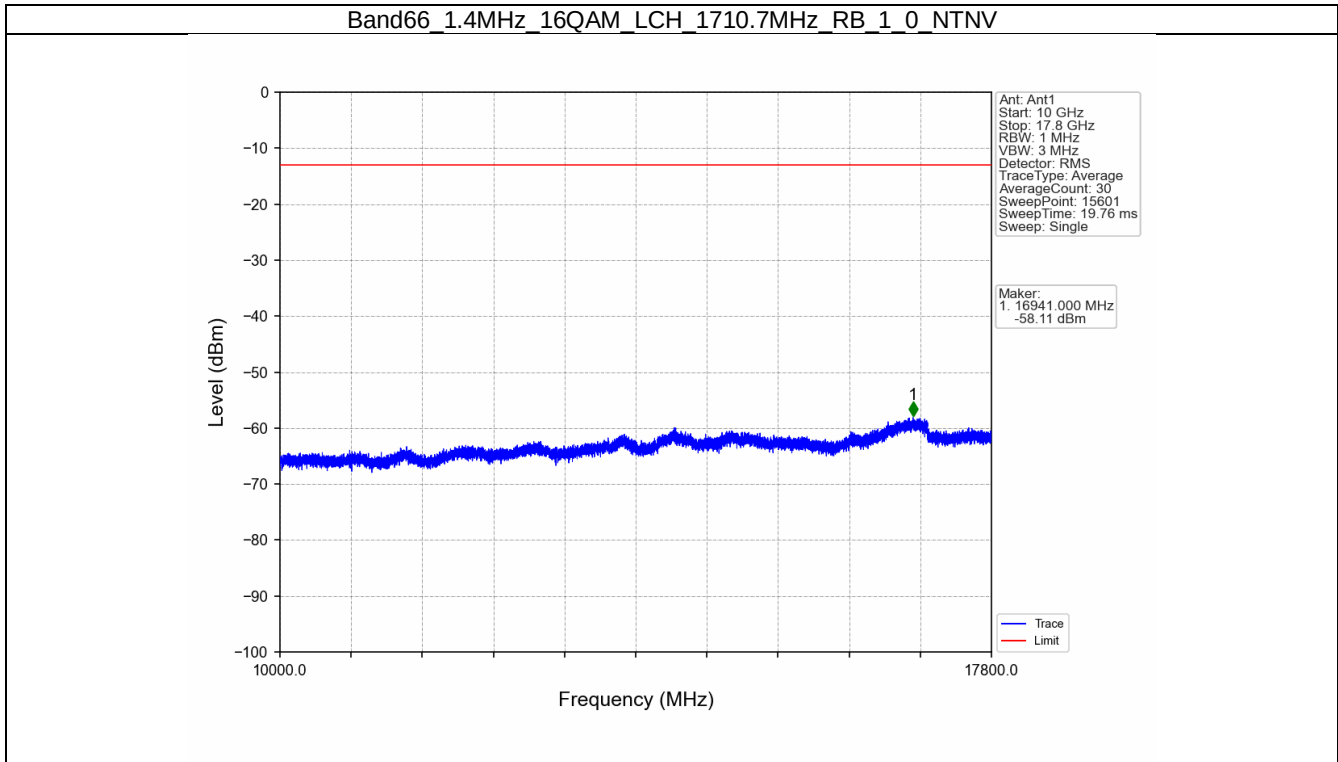


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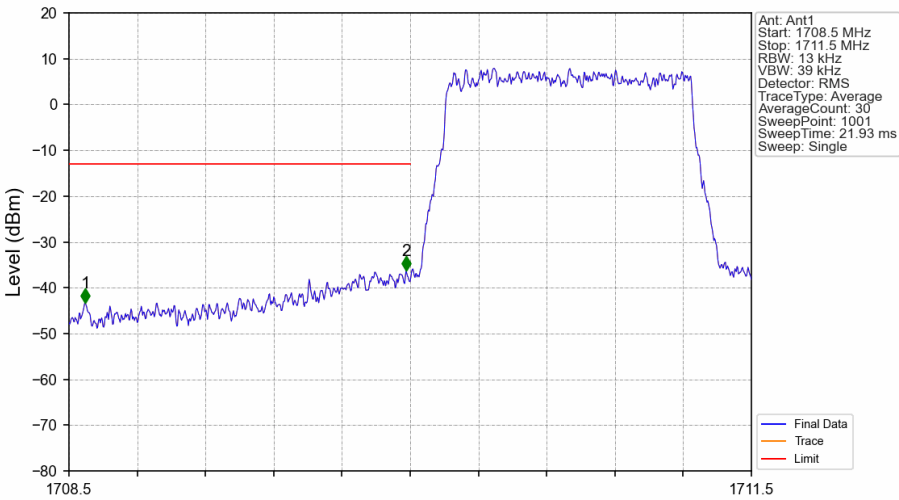
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Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.572	-43.33	-13	Pass
1709	1710	0.013	/	2	1709.982	-36.28	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

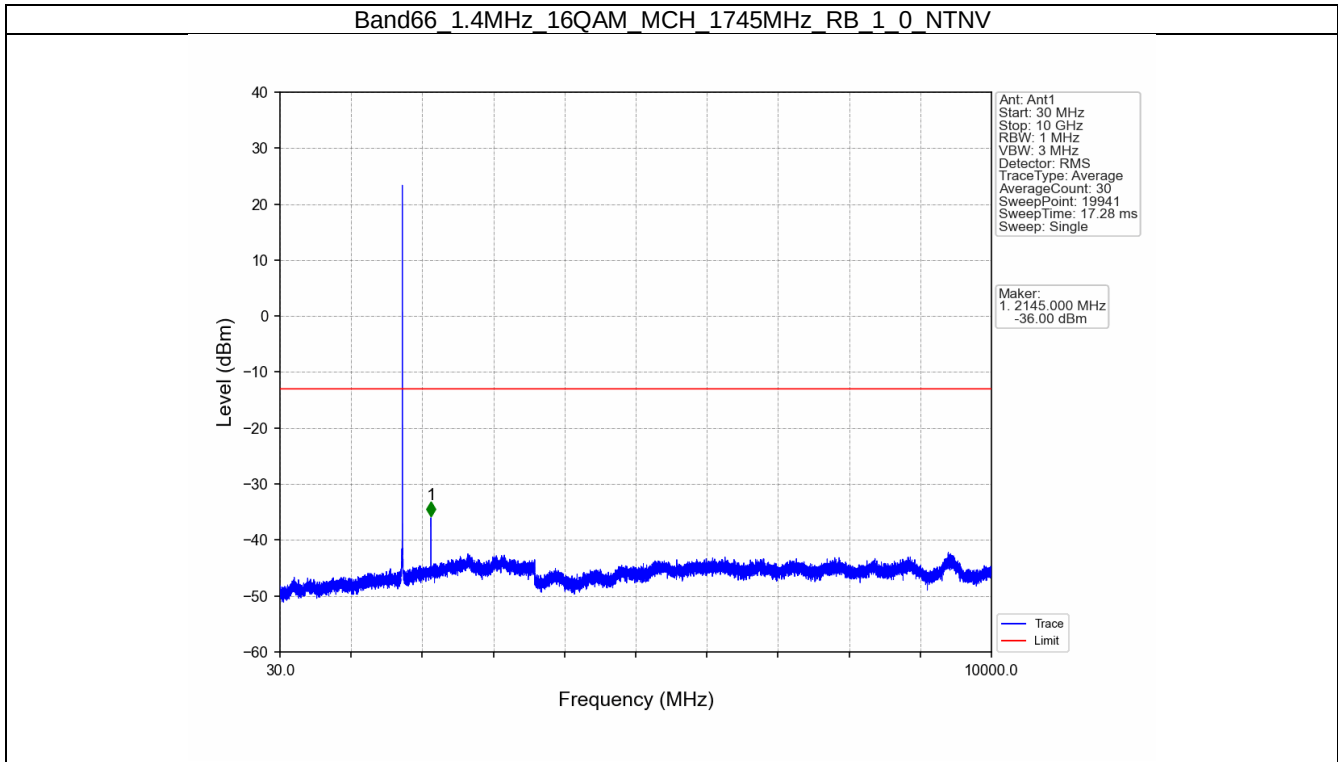


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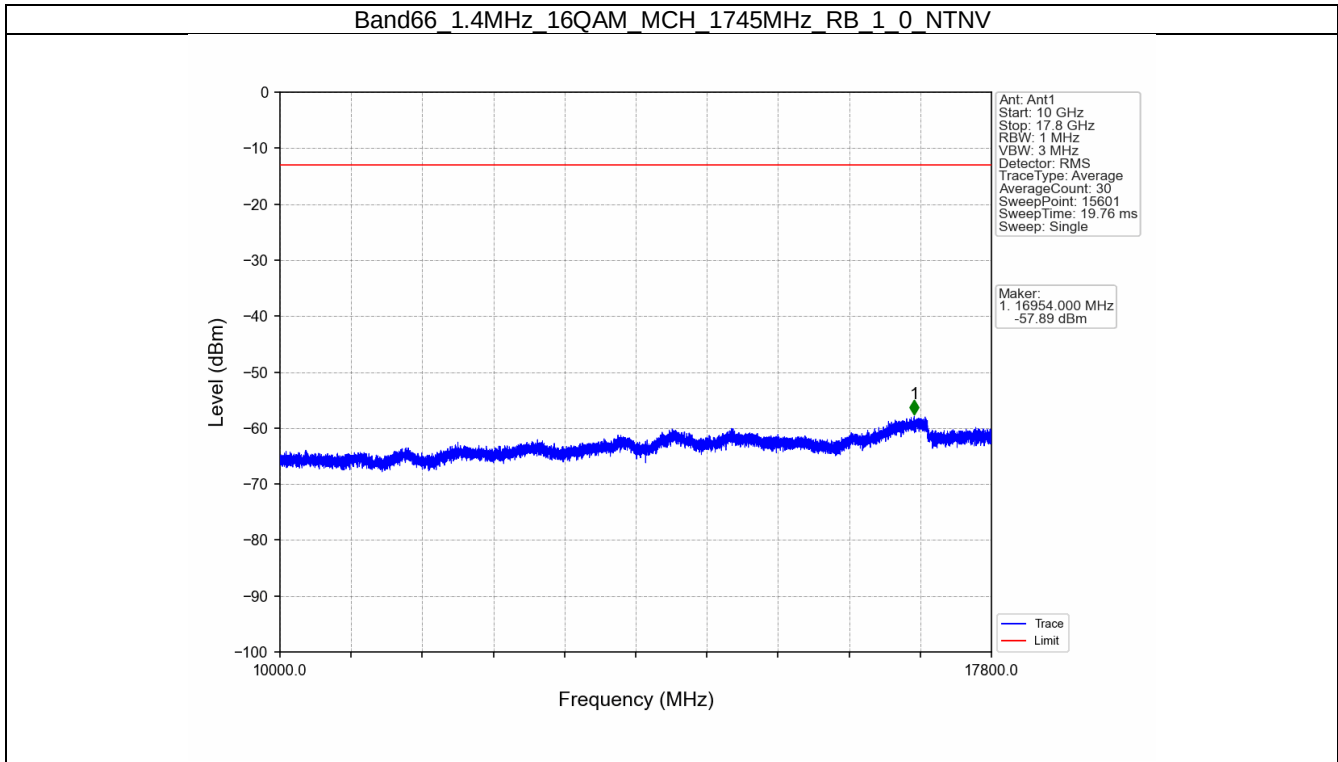


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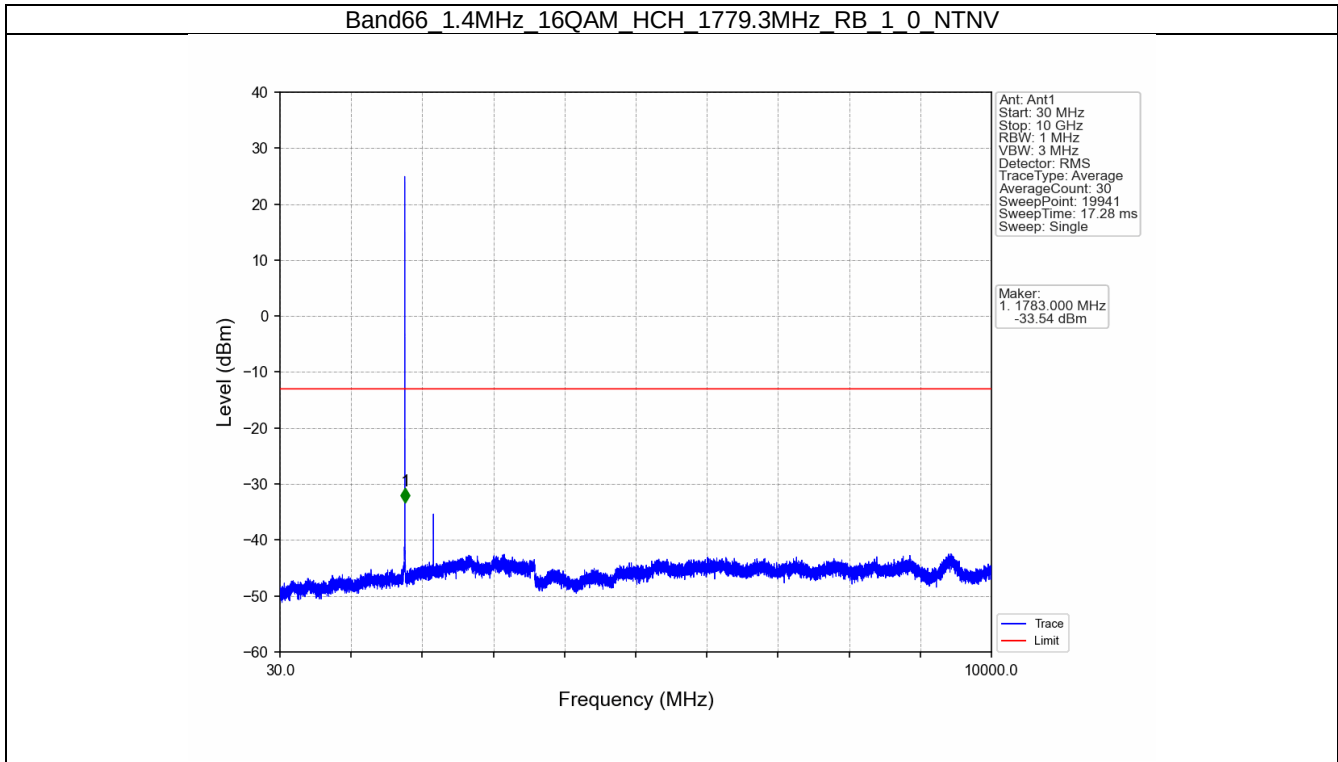


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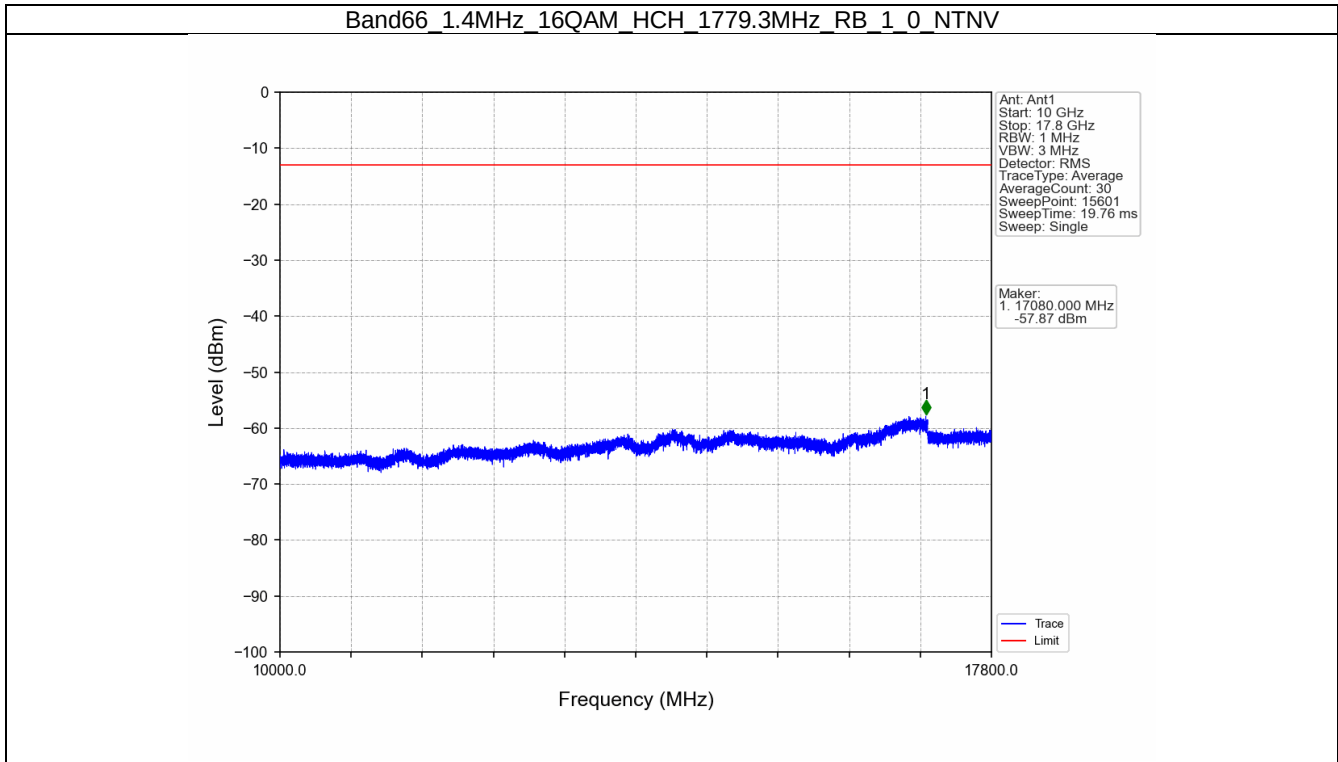


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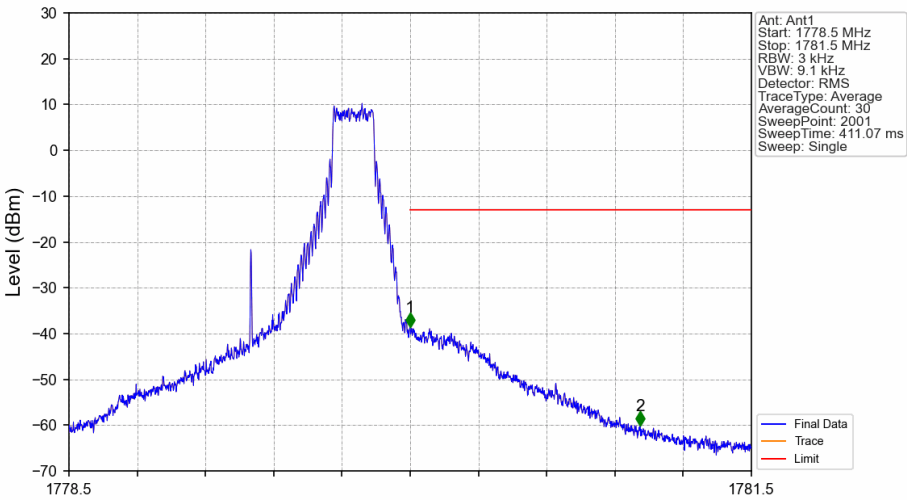
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Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_5_NTNV



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	1780.000	-38.57	-13	Pass
1781	1781.5	1	/	2	1781.011	-60.07	-13	Pass



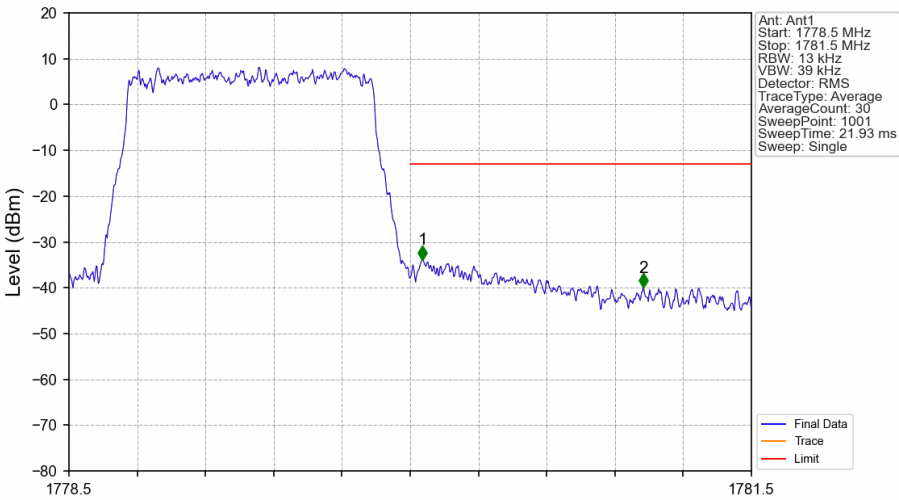
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Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



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	1780.054	-33.88	-13	Pass
1781	1781.5	1	/	2	1781.026	-39.91	-13	Pass



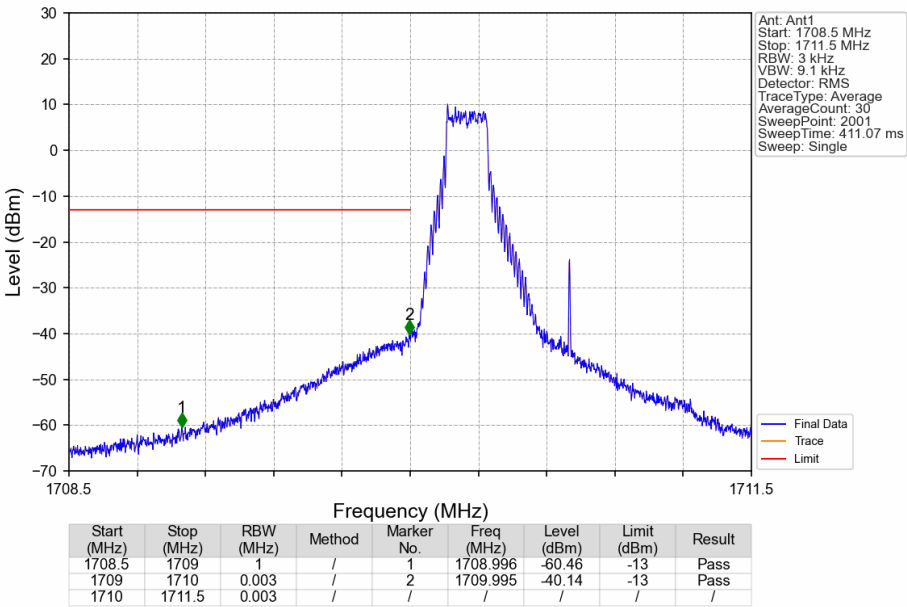
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Band66_1.4MHz_64QAM_LCH_1710.7MHz_RB_1_0_NTNV



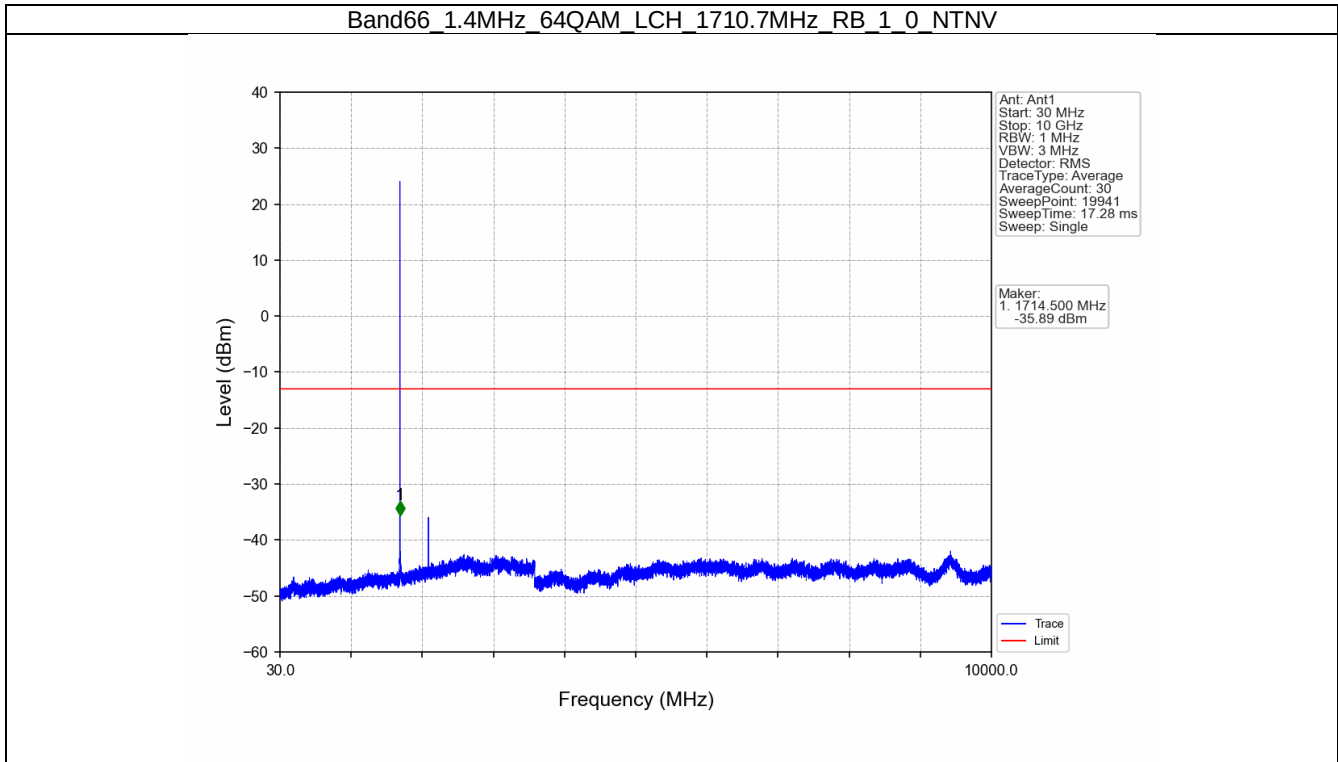


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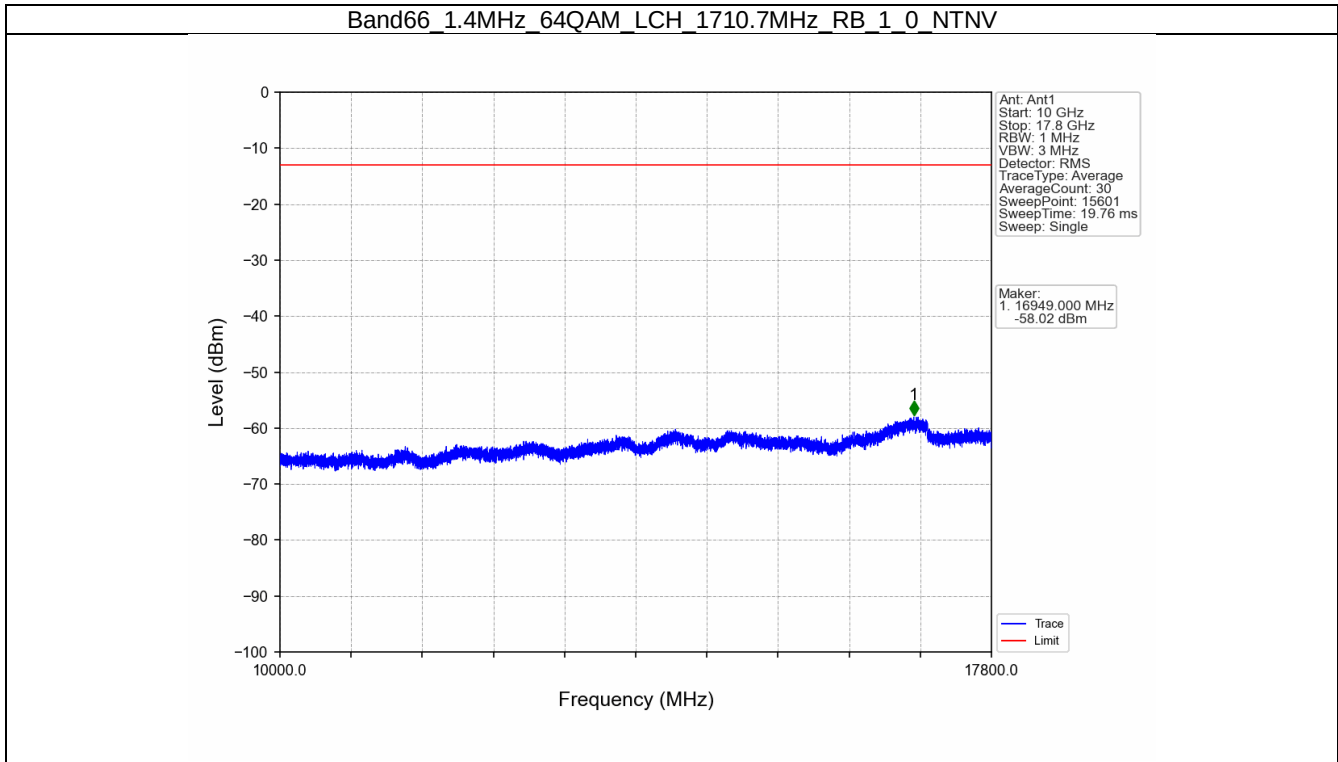


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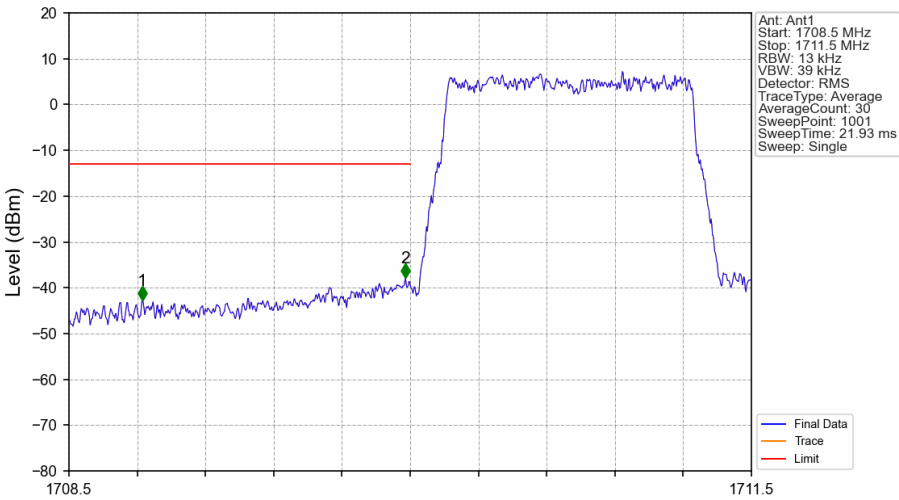
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Band66_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.821	-42.80	-13	Pass
1709	1710	0.013	/	2	1709.979	-37.90	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

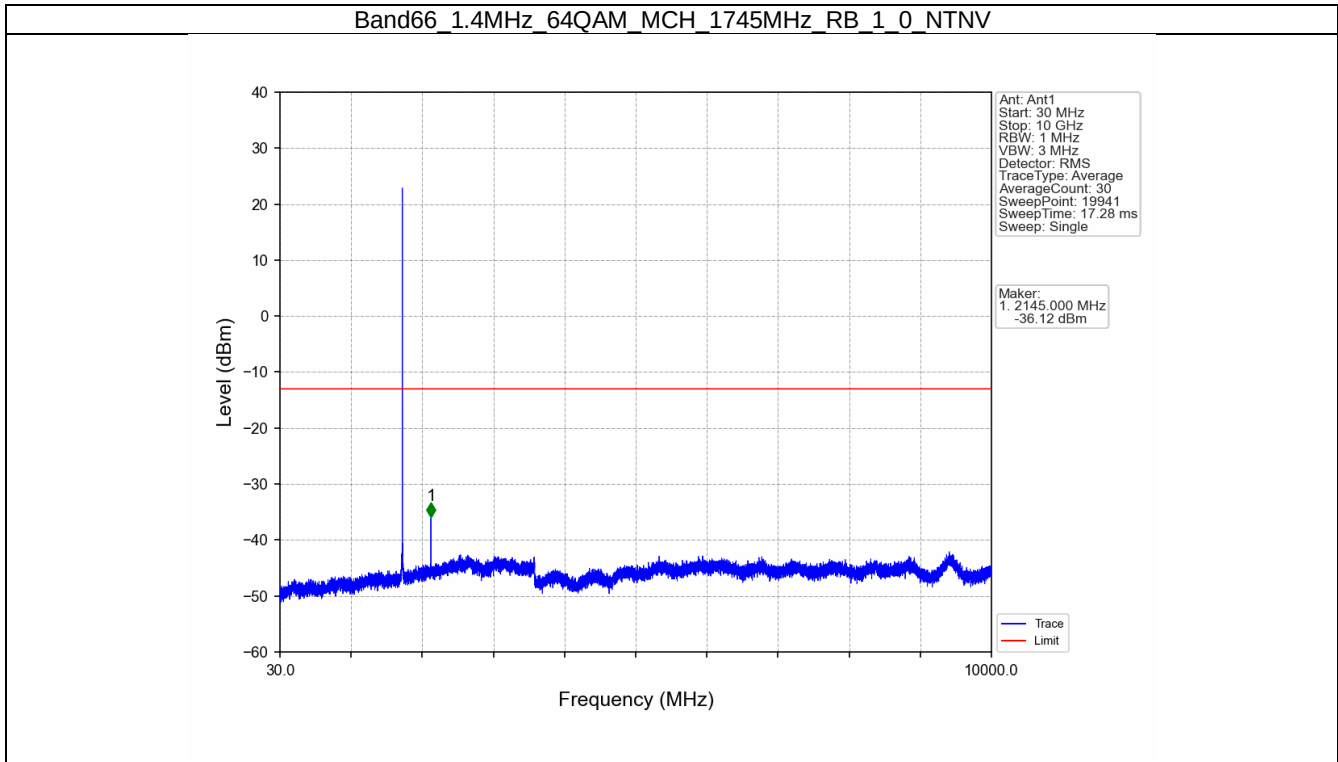


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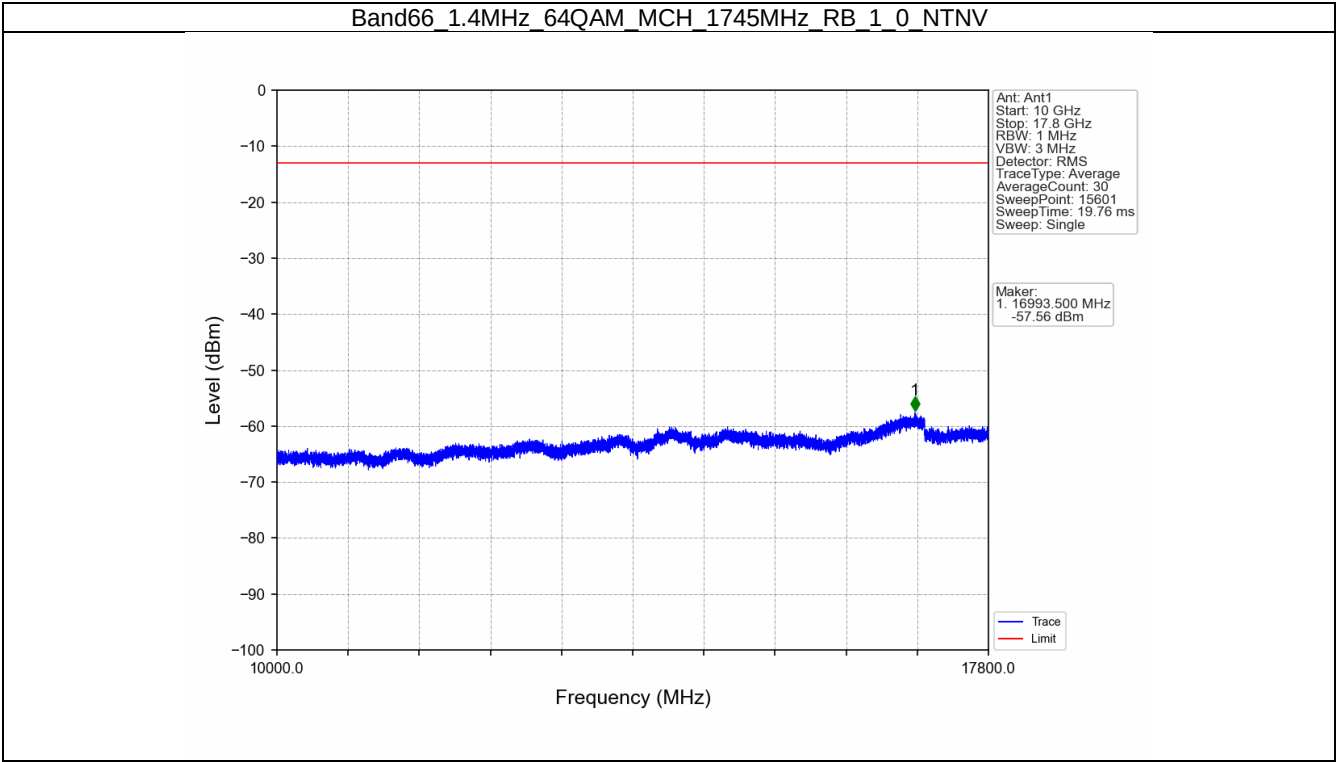


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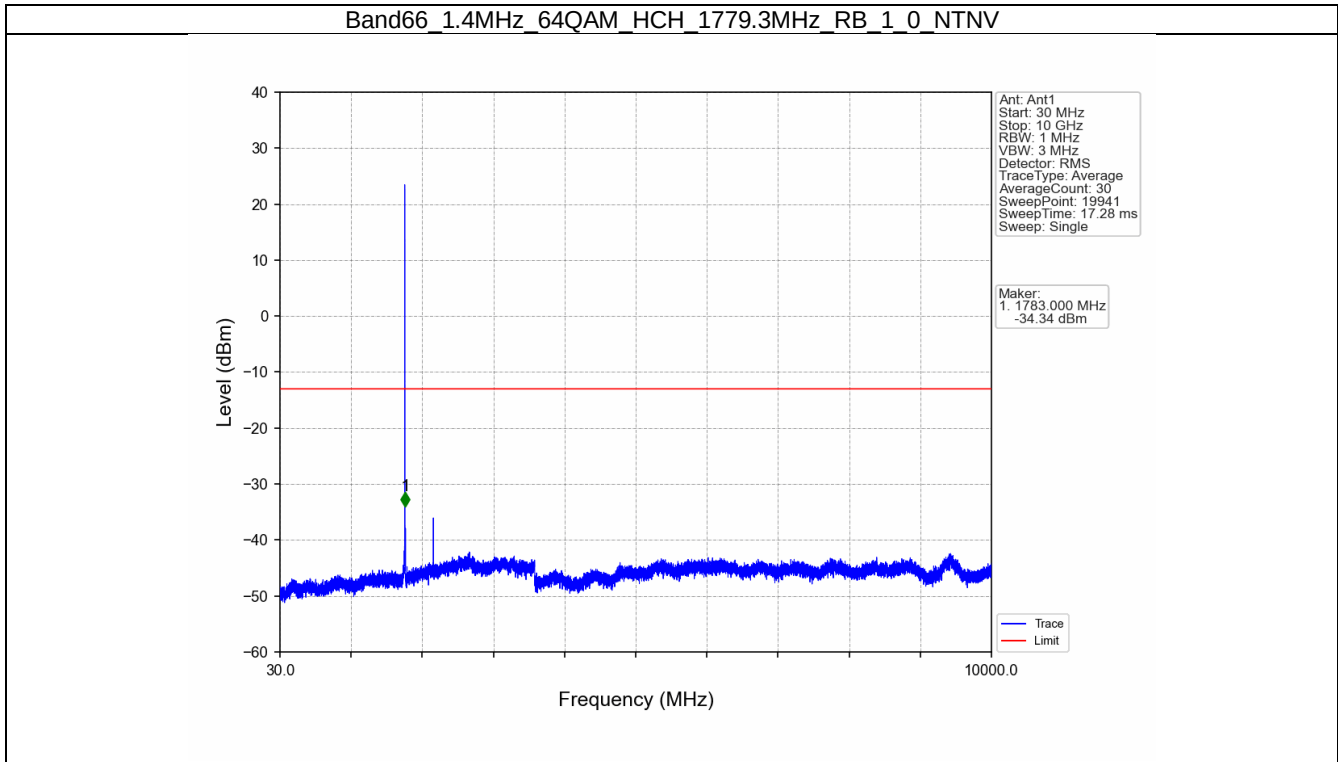


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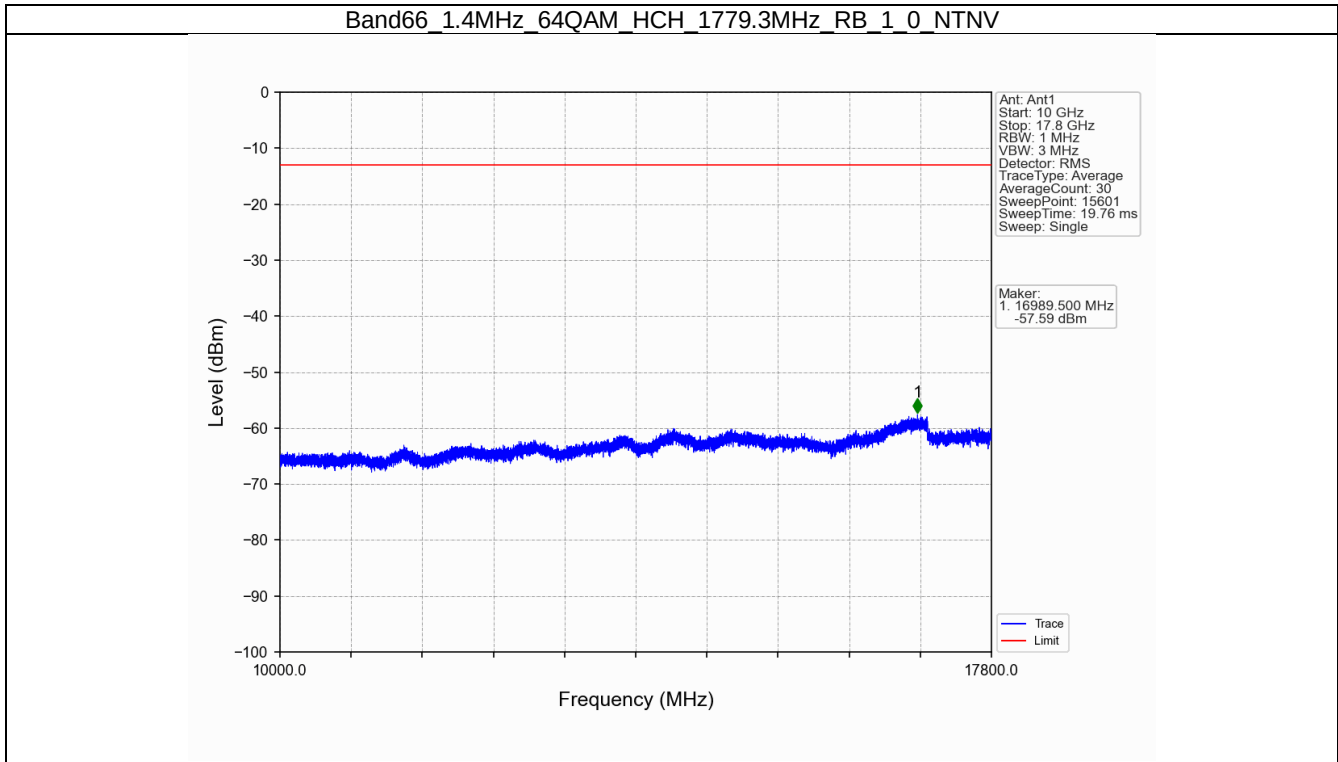


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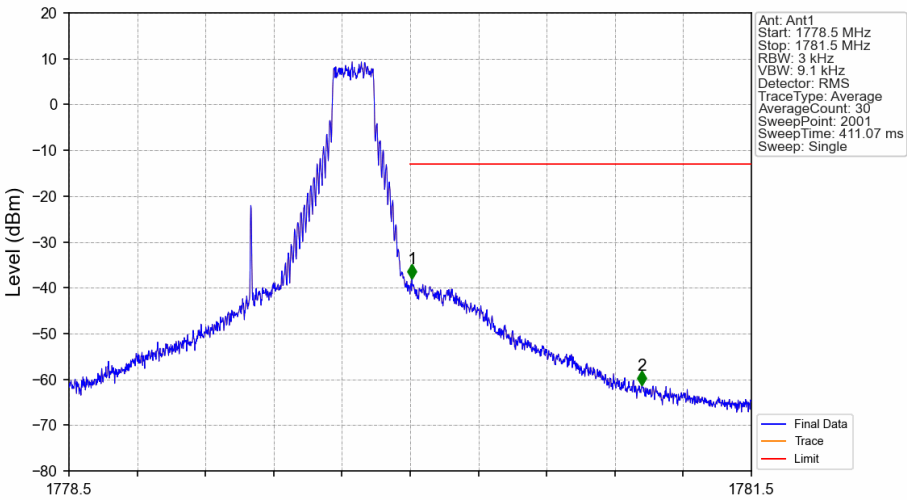
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Band66_1.4MHz_64QAM_HCH_1779.3MHz_RB_1_5_NTNV



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	1780.007	-37.98	-13	Pass
1781	1781.5	1	/	2	1781.018	-61.37	-13	Pass



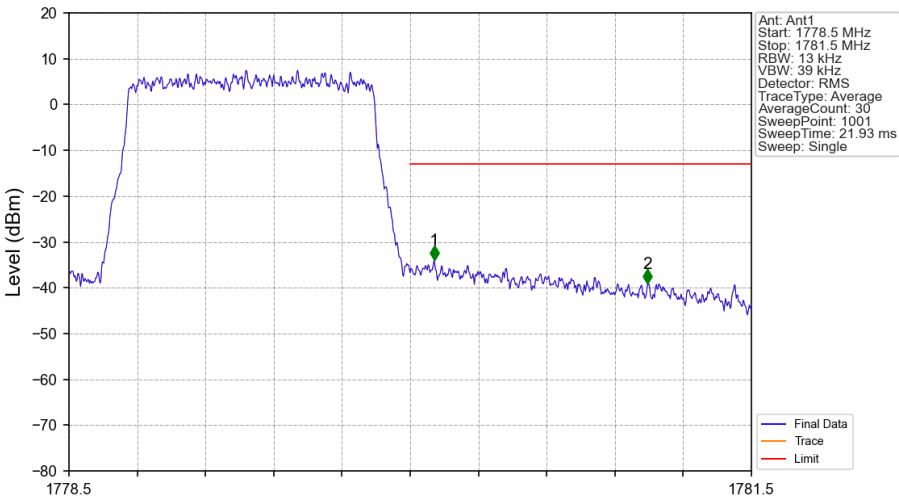
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Band66_1.4MHz_64QAM_HCH_1779.3MHz_RB_6_0_NTNV



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	1780.105	-33.99	-13	Pass
1781	1781.5	1	/	2	1781.044	-39.04	-13	Pass



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4.2 B66_3MHz

4.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTV					
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
	1778.5	1	0	Refer To Test Graph	Pass
			14	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
	1745	1	0	Refer To Test Graph	Pass
	1778.5	1	0	Refer To Test Graph	Pass
			14	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
64QAM	1711.5	1	0	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
	1745	1	0	Refer To Test Graph	Pass
	1778.5	1	0	Refer To Test Graph	Pass
			14	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass



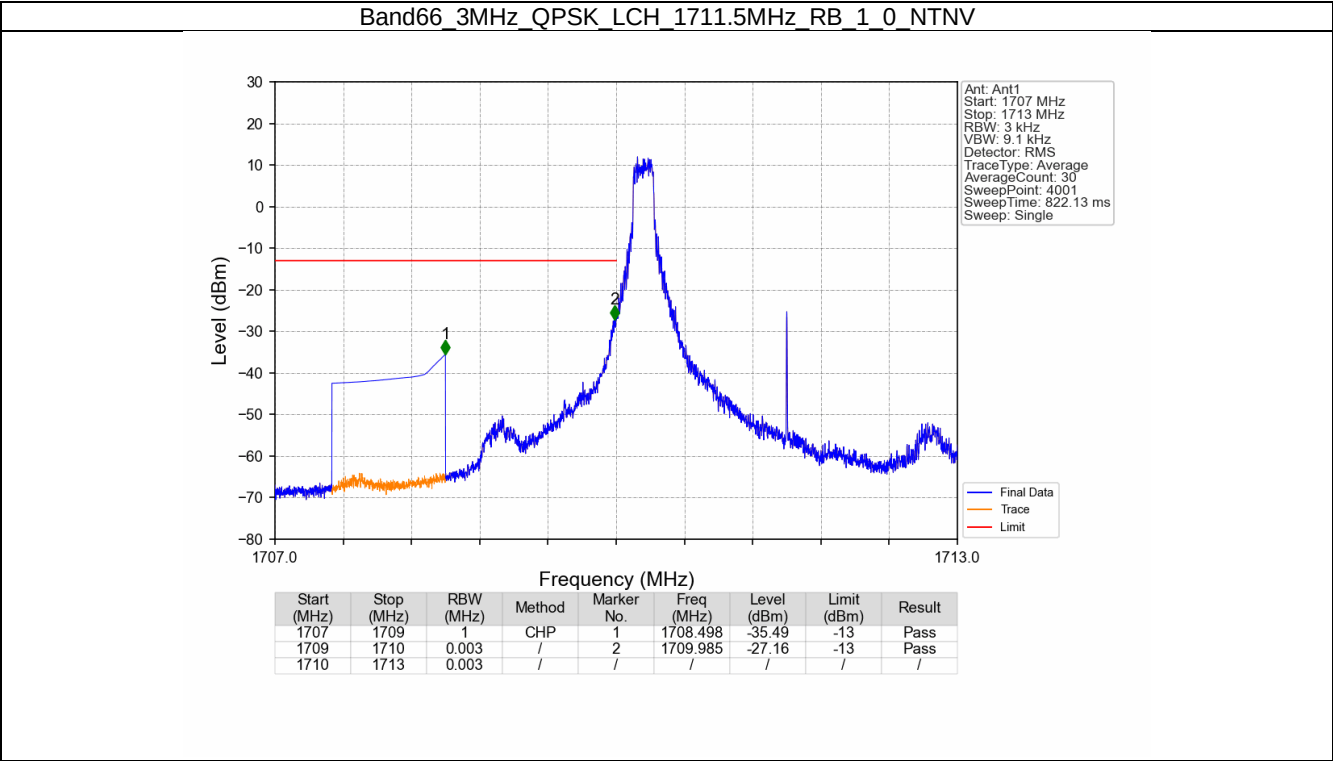
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4.2.2 Test Graph



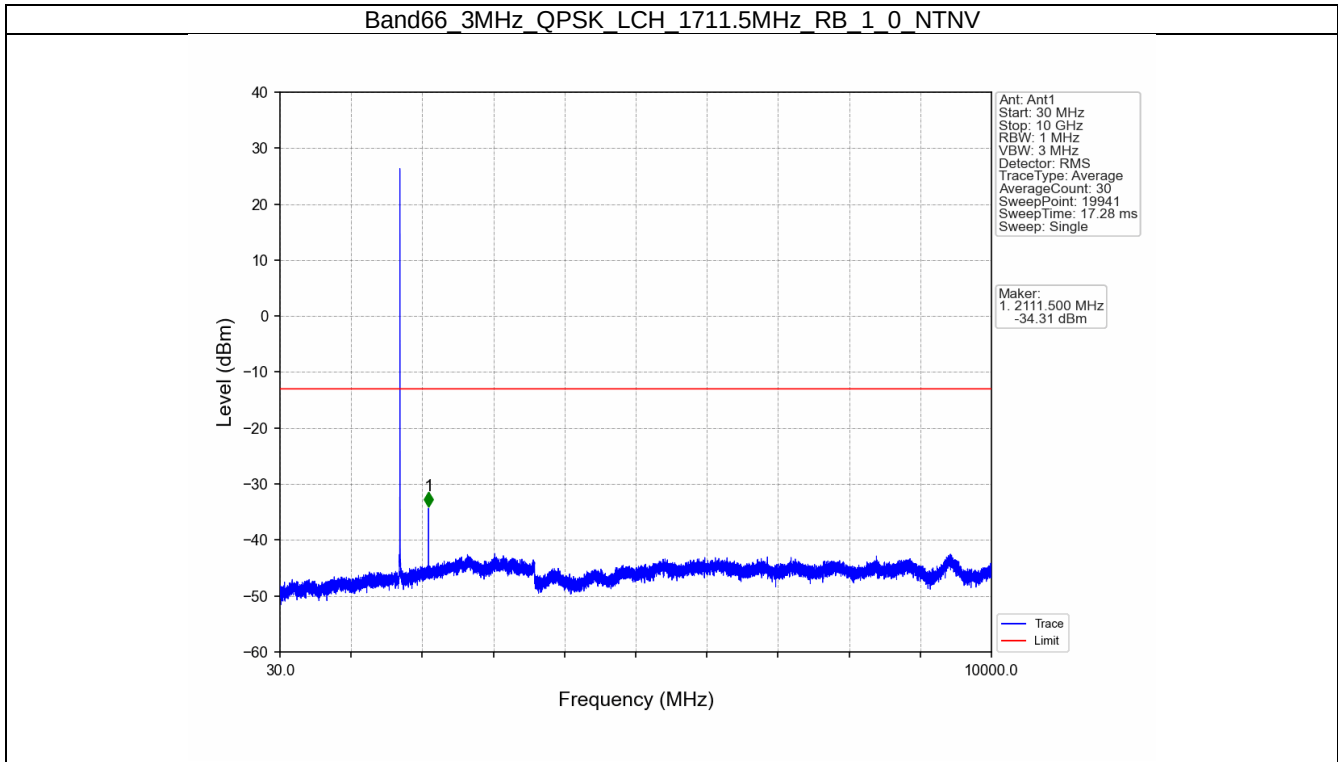


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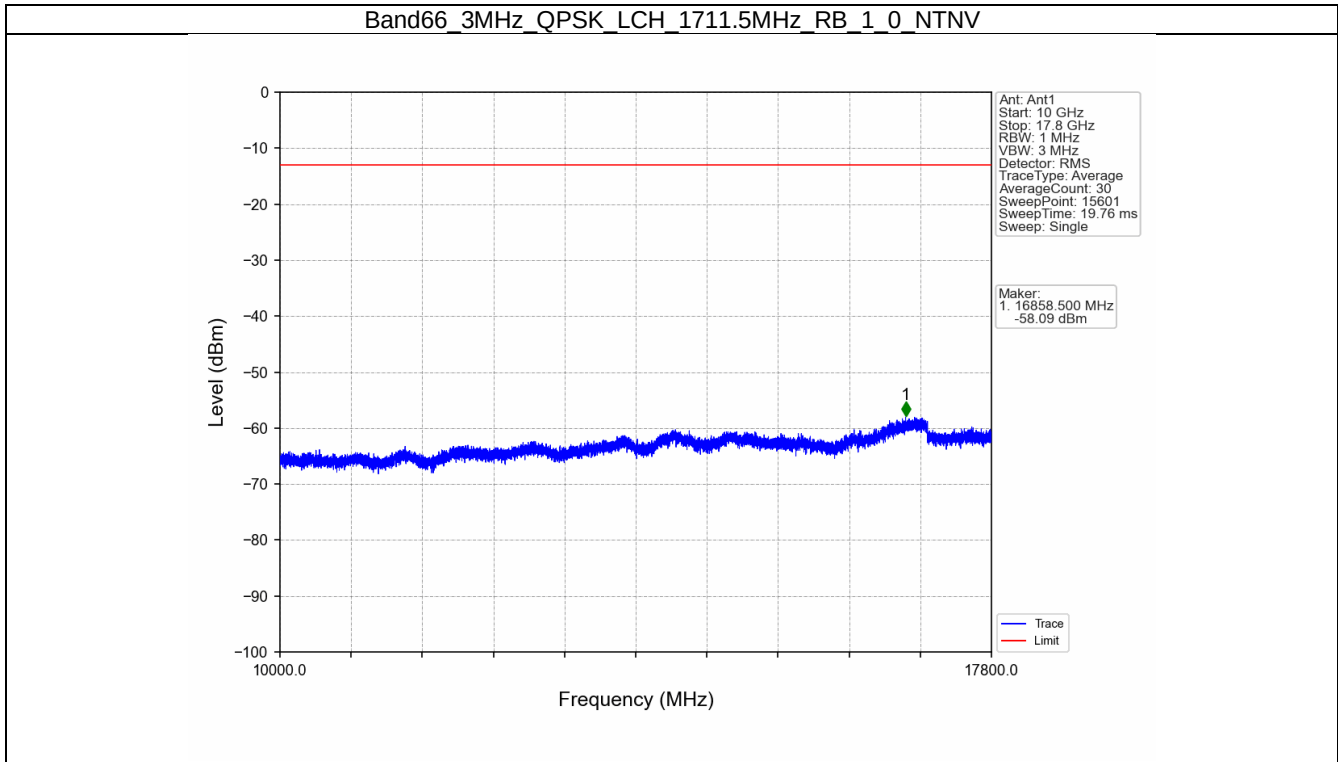


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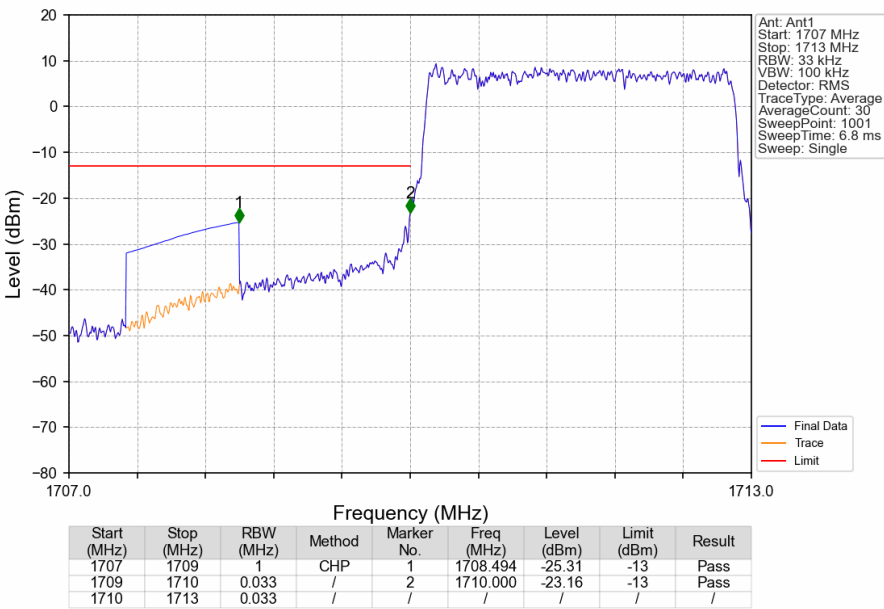
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Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV





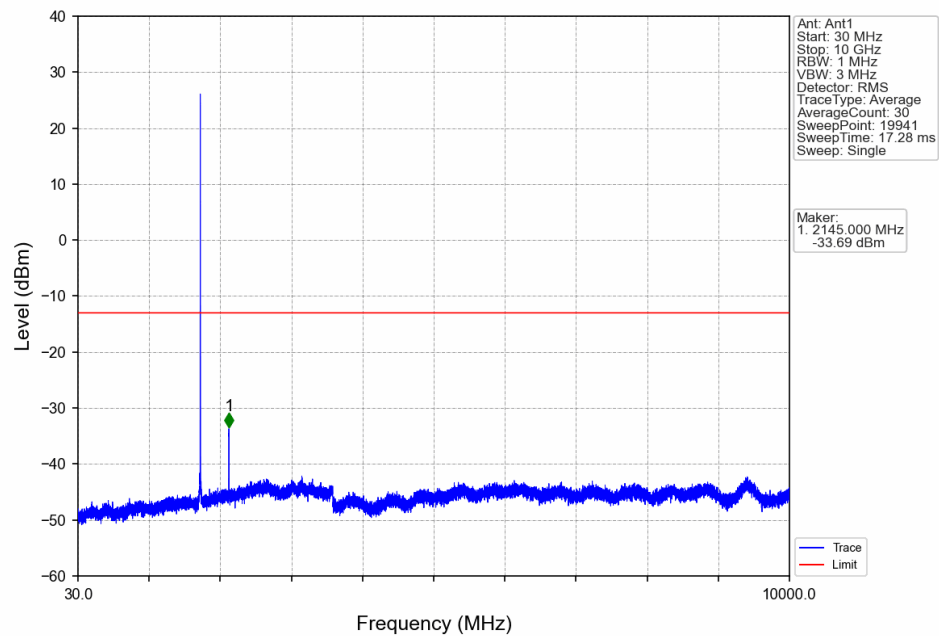
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Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



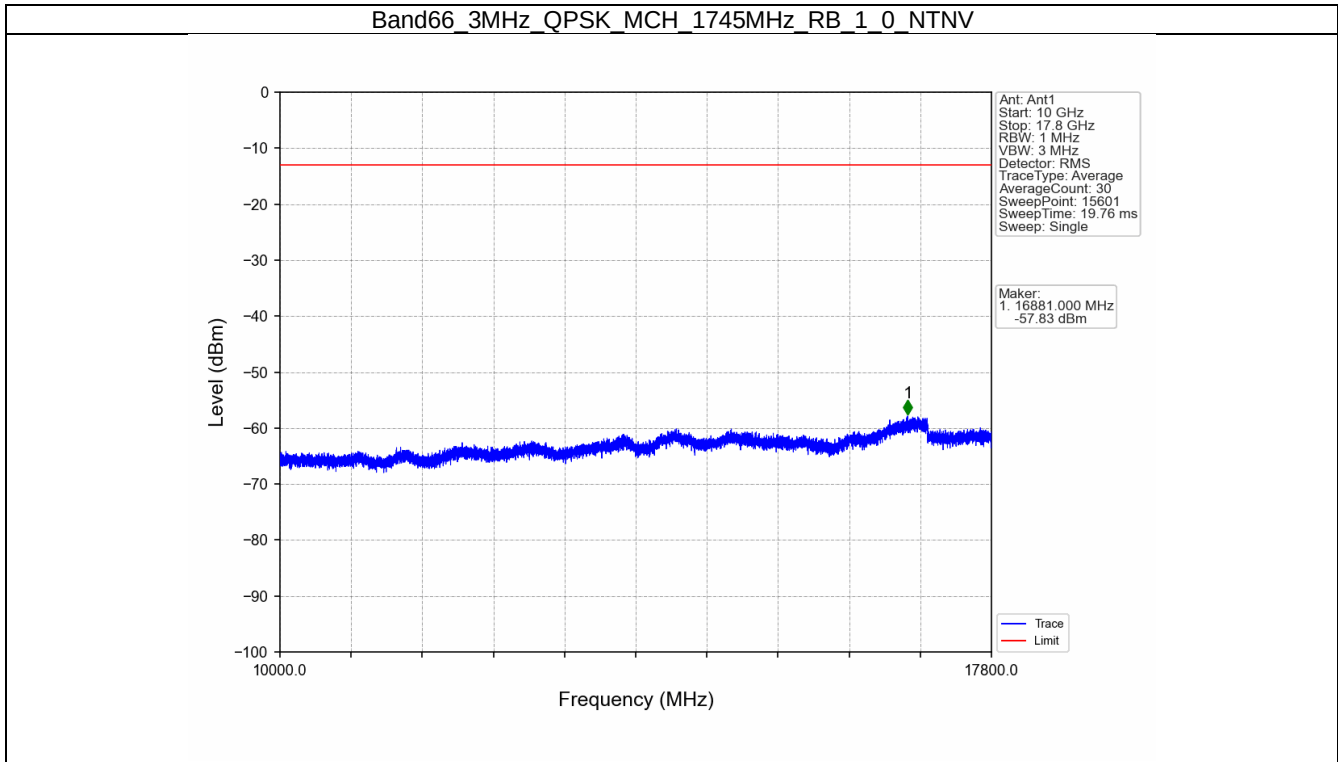


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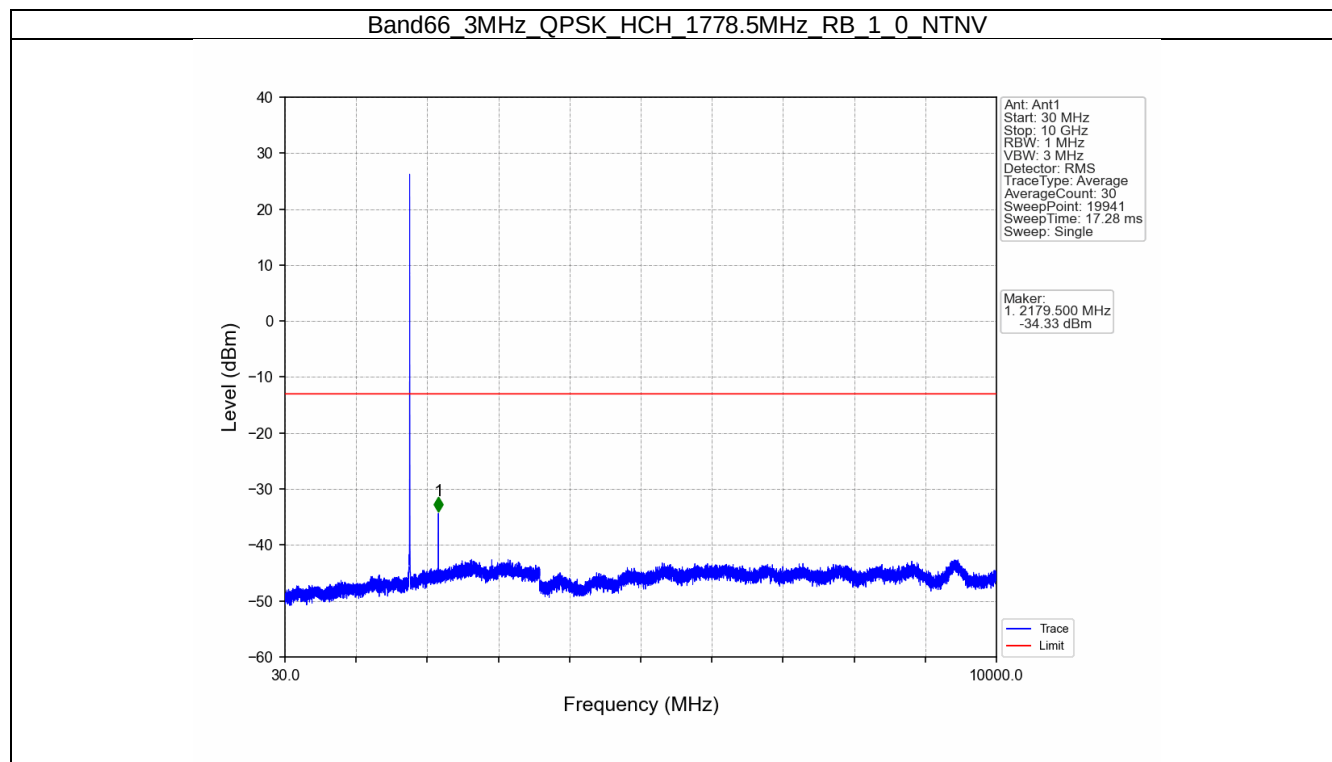


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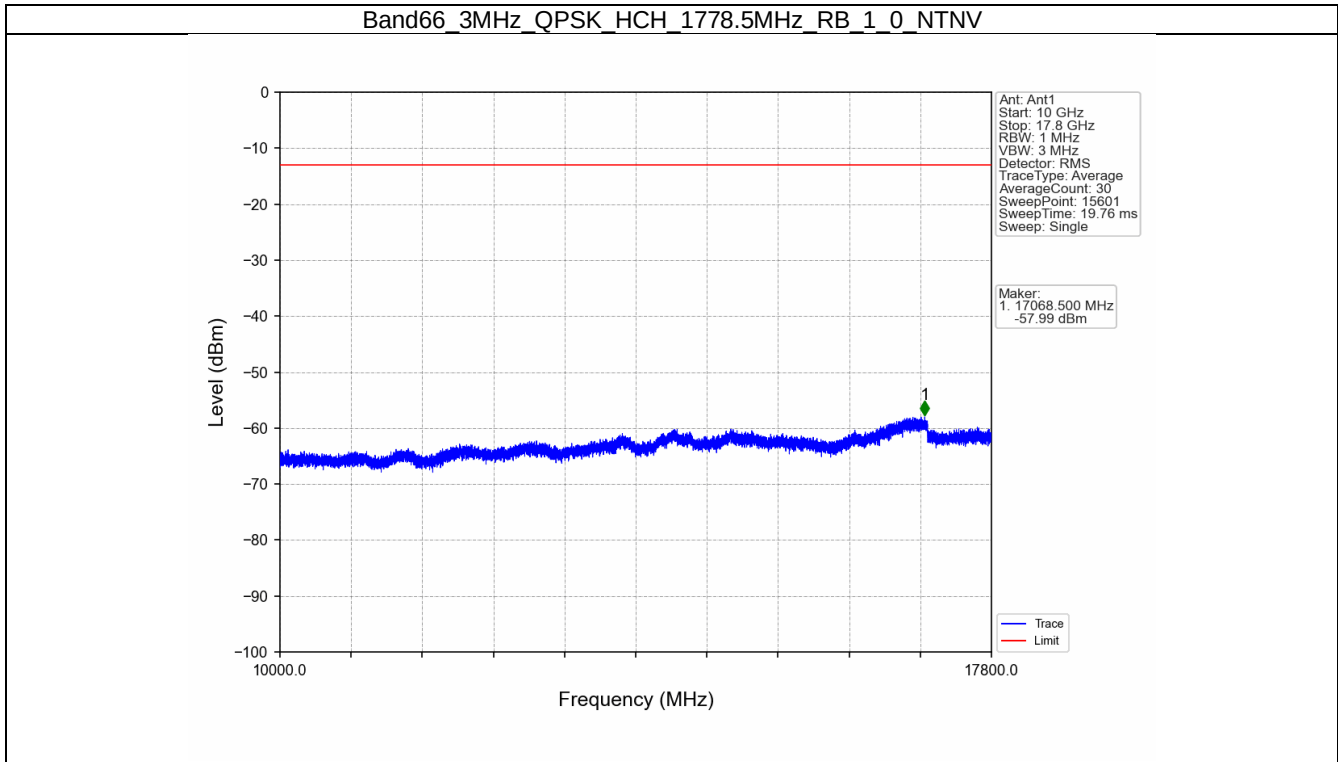


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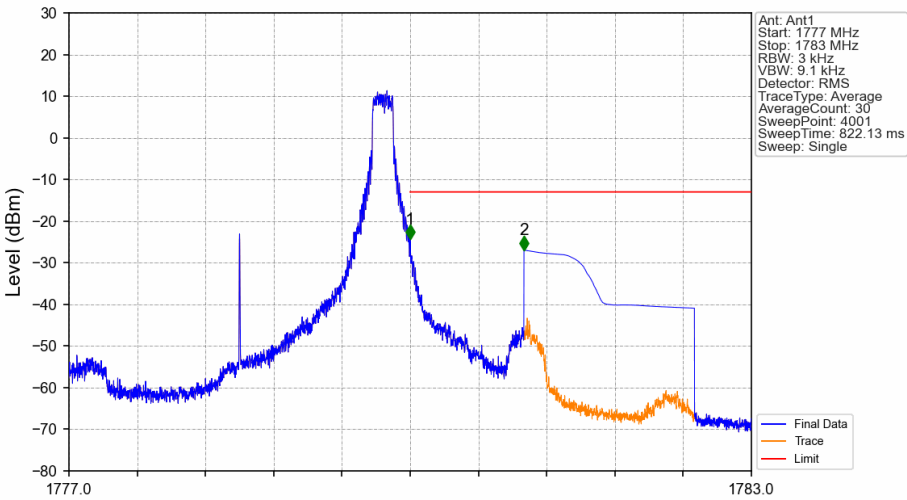
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Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	1	1780.000	-24.40	-13	Pass
1780	1781	0.003	/	2	1781.001	-26.95	-13	Pass
1781	1783	1	CHP					



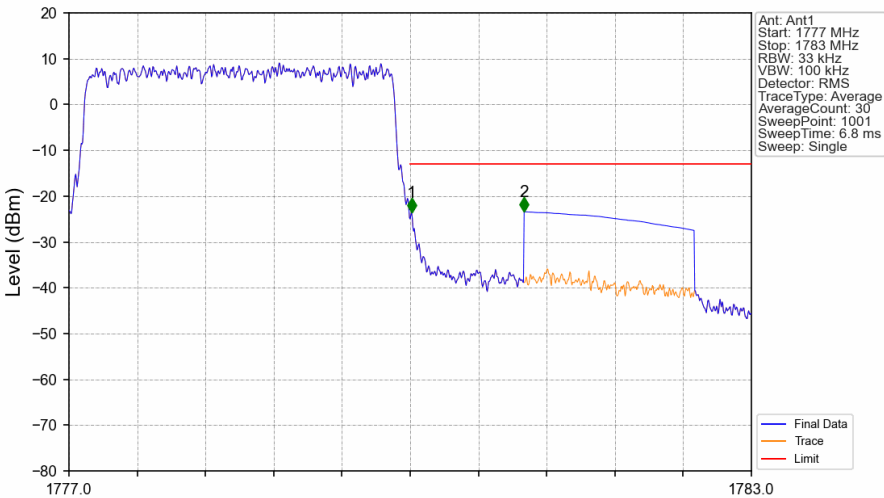
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Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



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	1780.012	-23.57	-13	Pass
1781	1783	1	CHP	2	1781.002	-23.44	-13	Pass



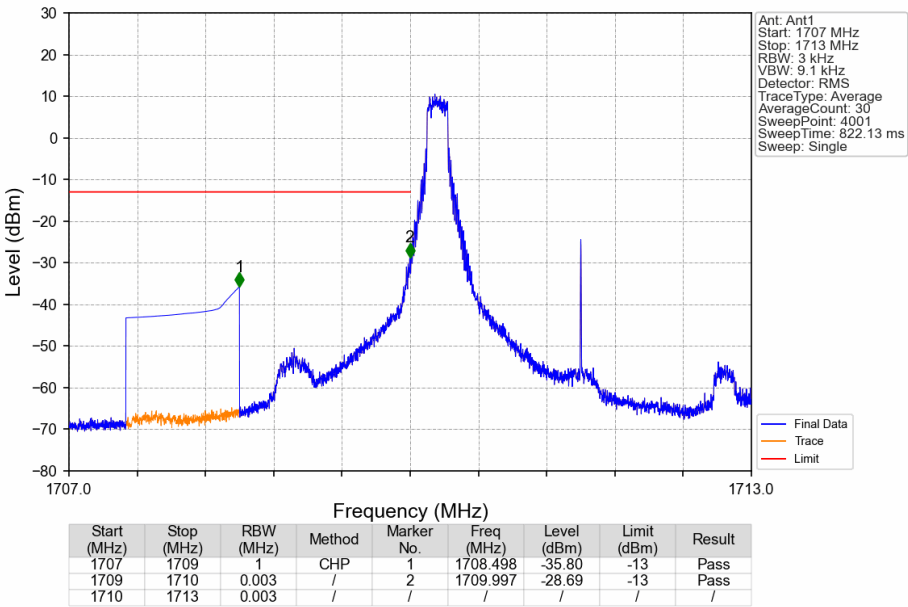
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Band66_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



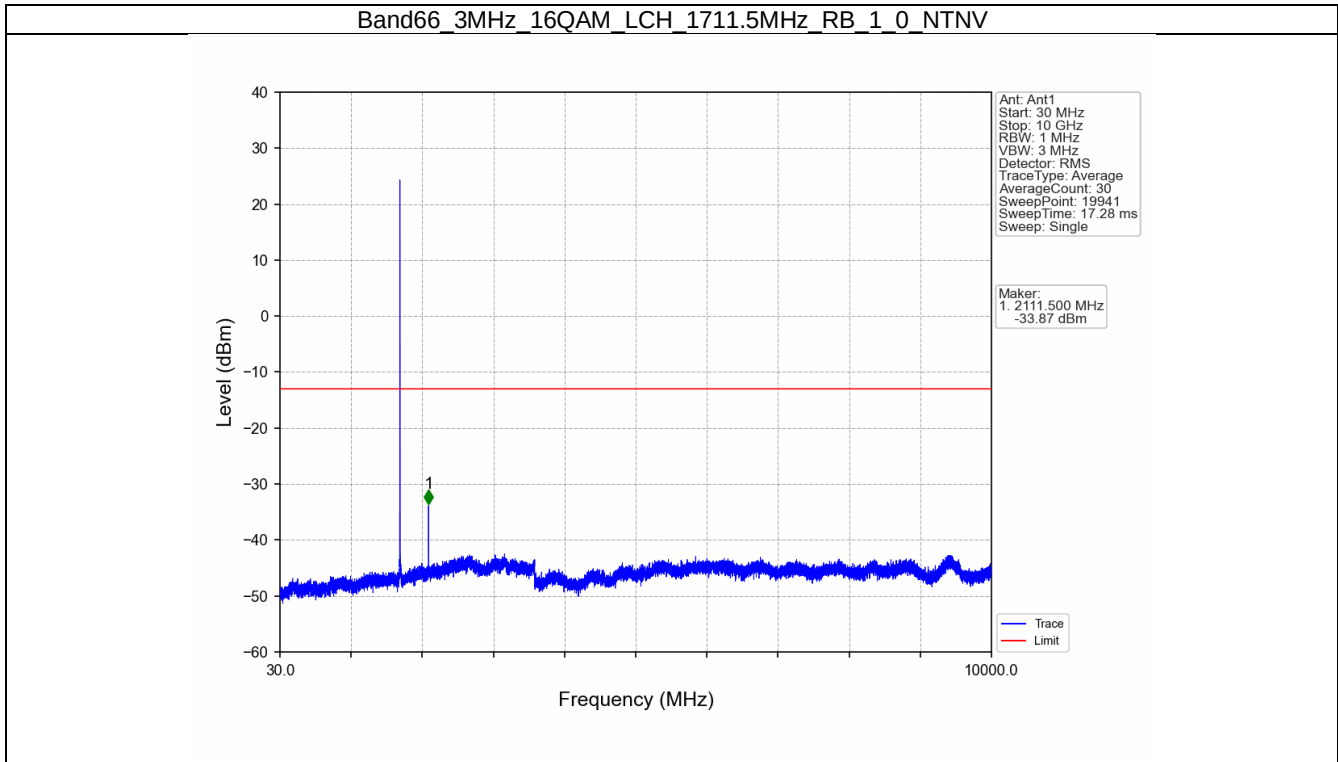


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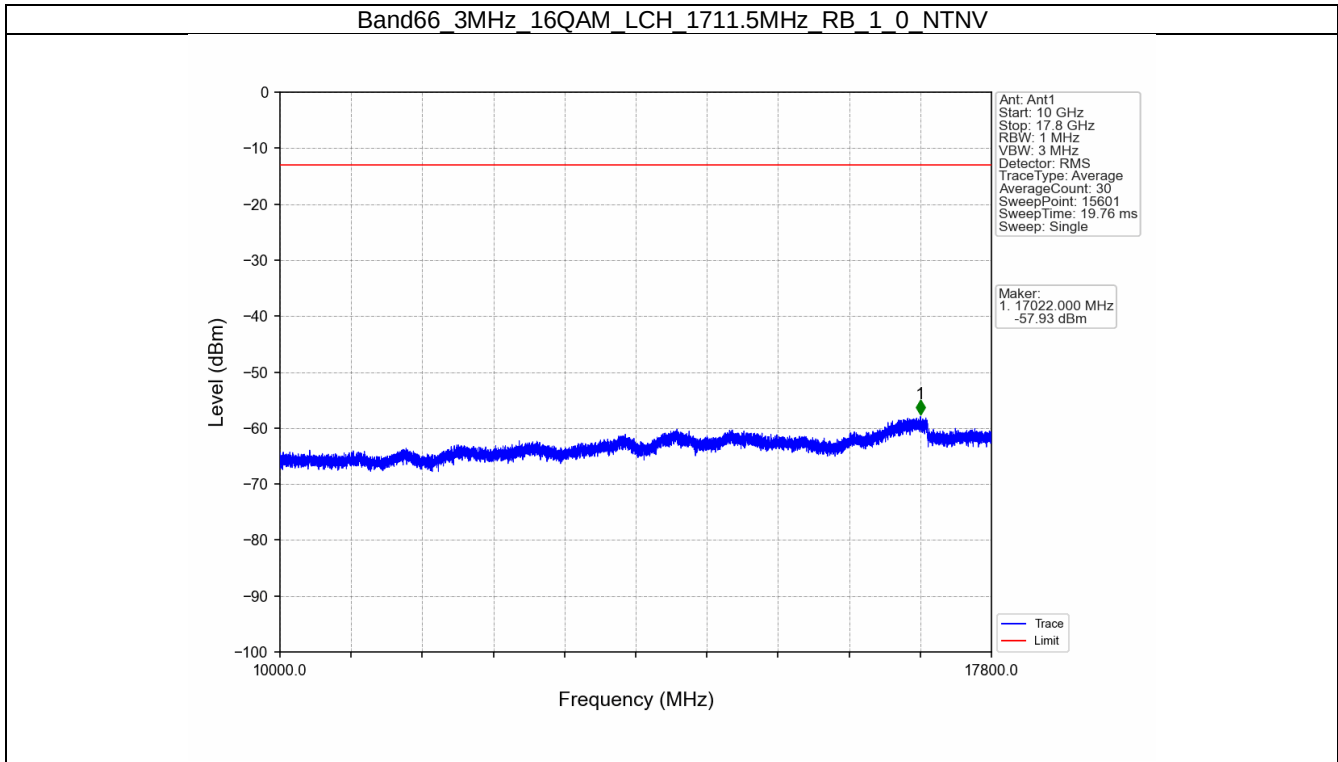


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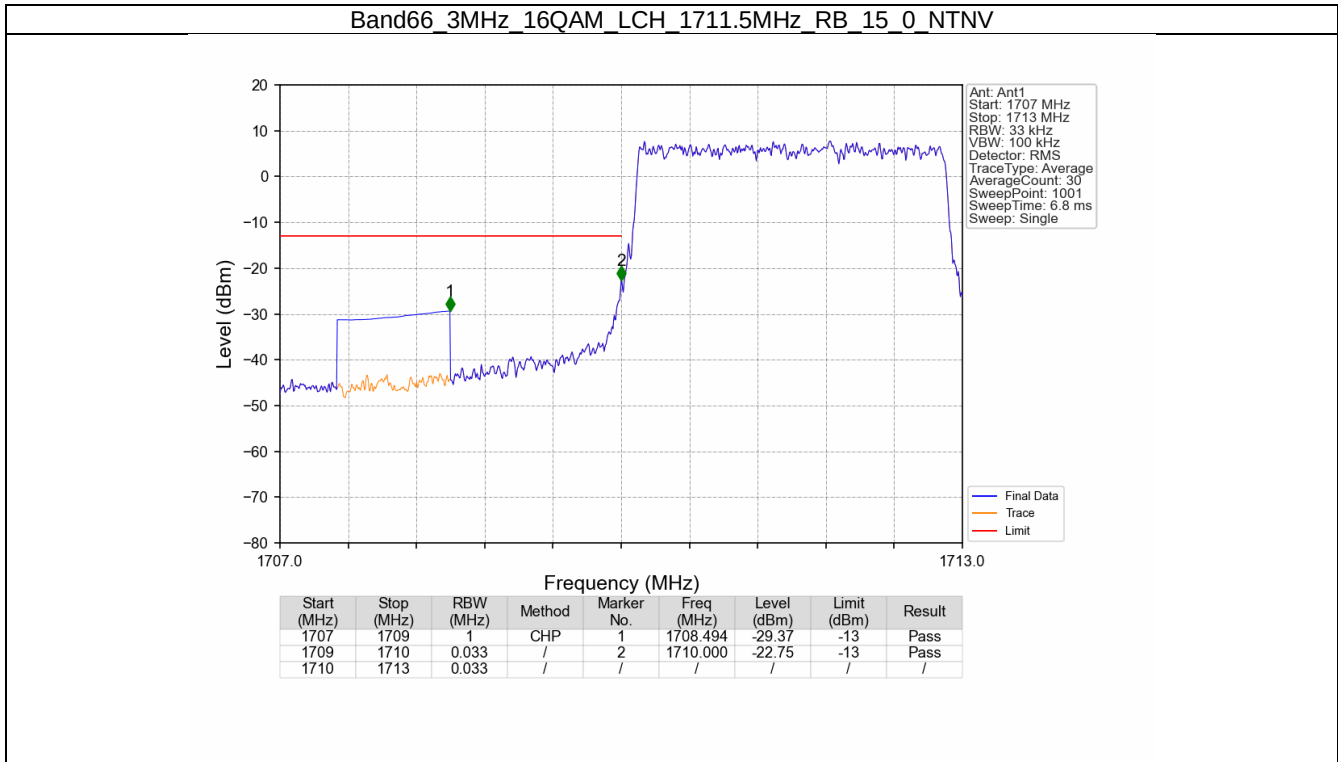


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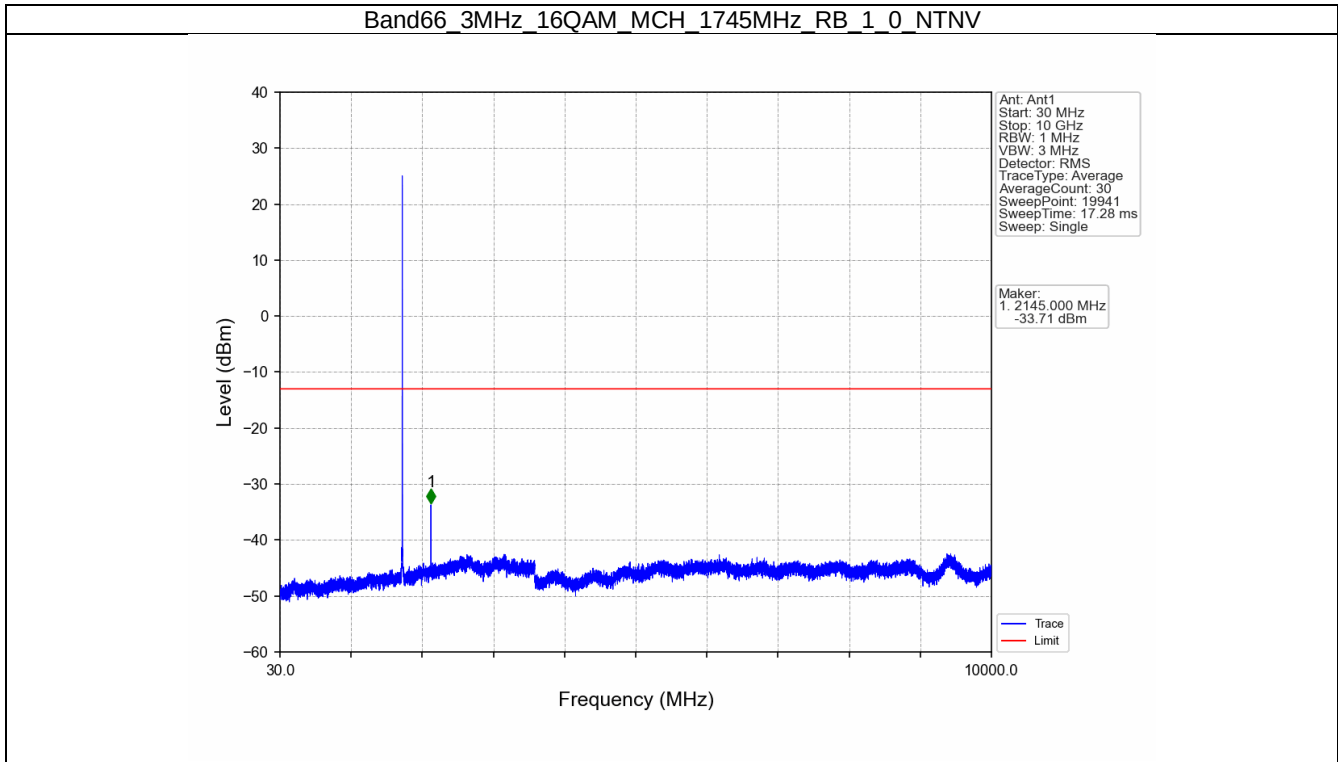


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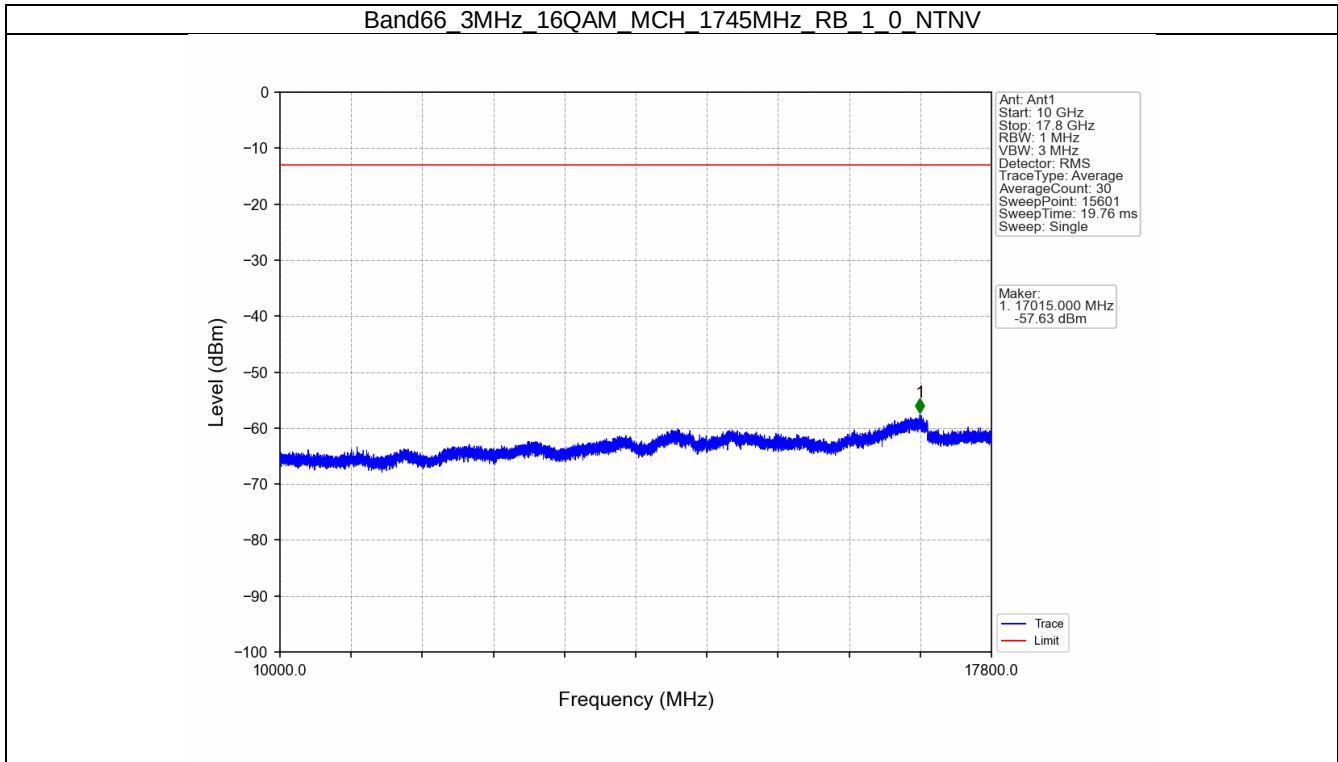


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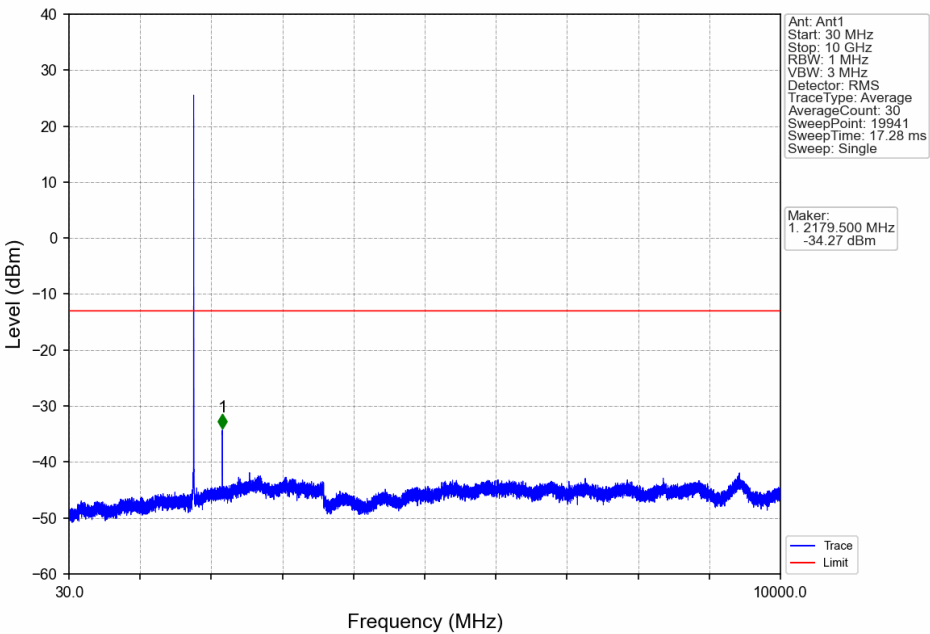
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Band66_3MHz_16QAM_HCH_1778.5MHz_RB_1_0_NTNV



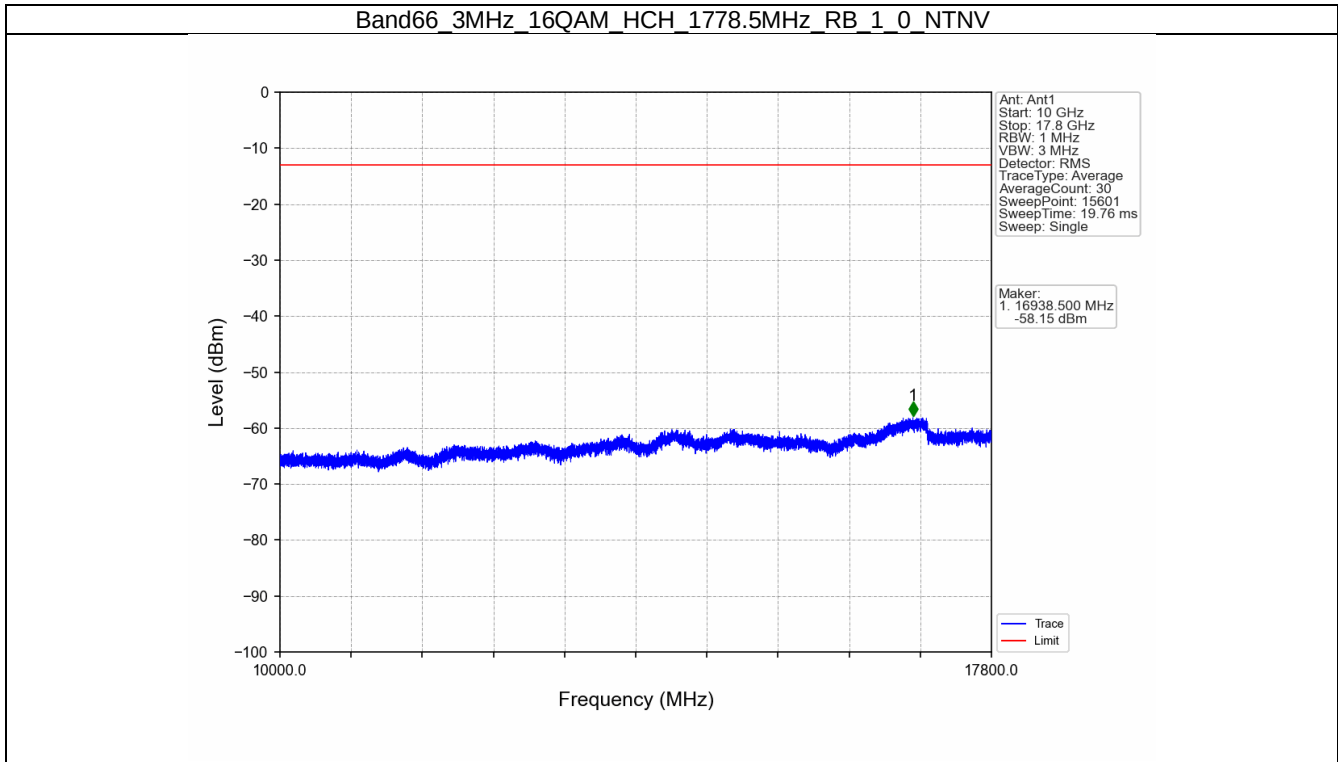


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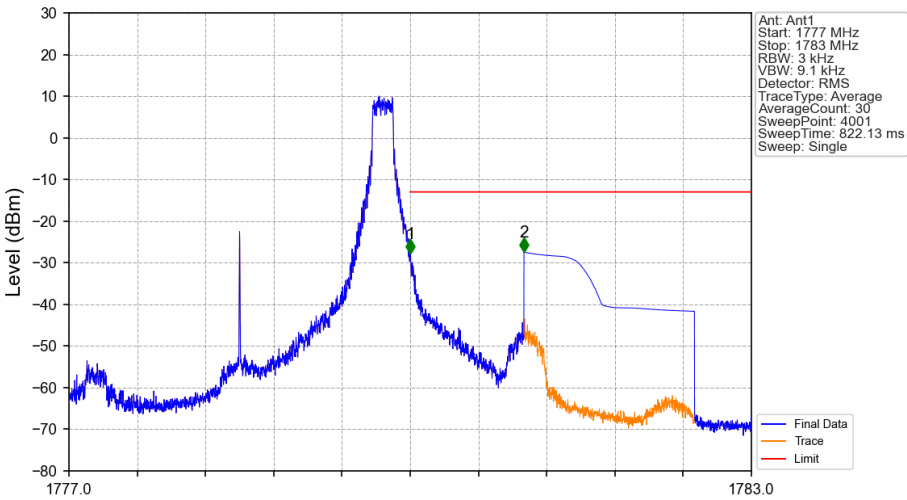
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Band66_3MHz_16QAM_HCH_1778.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	1	1780.003	-27.89	-13	Pass
1780	1781	0.003	/	2	1781.001	-27.48	-13	Pass
1781	1783	1	CHP					



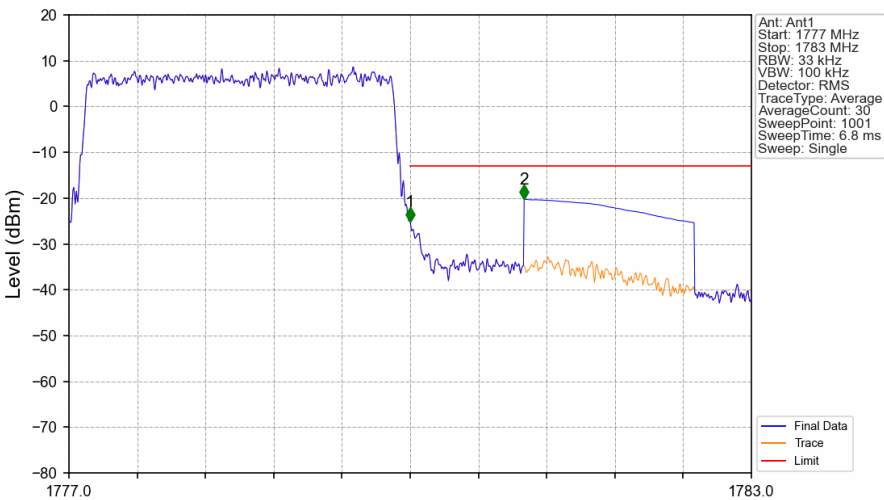
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Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.033	/	1	1780.000	-25.18	-13	Pass
1780	1781	0.033	/	2	1781.002	-20.28	-13	Pass
1781	1783	1	CHP					



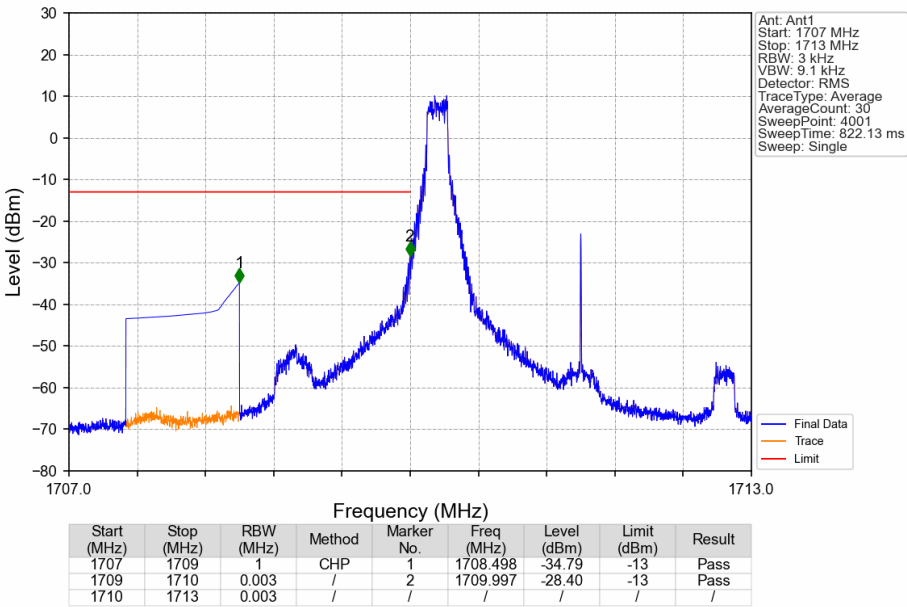
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Band66_3MHz_64QAM_LCH_1711.5MHz_RB_1_0_NTNV



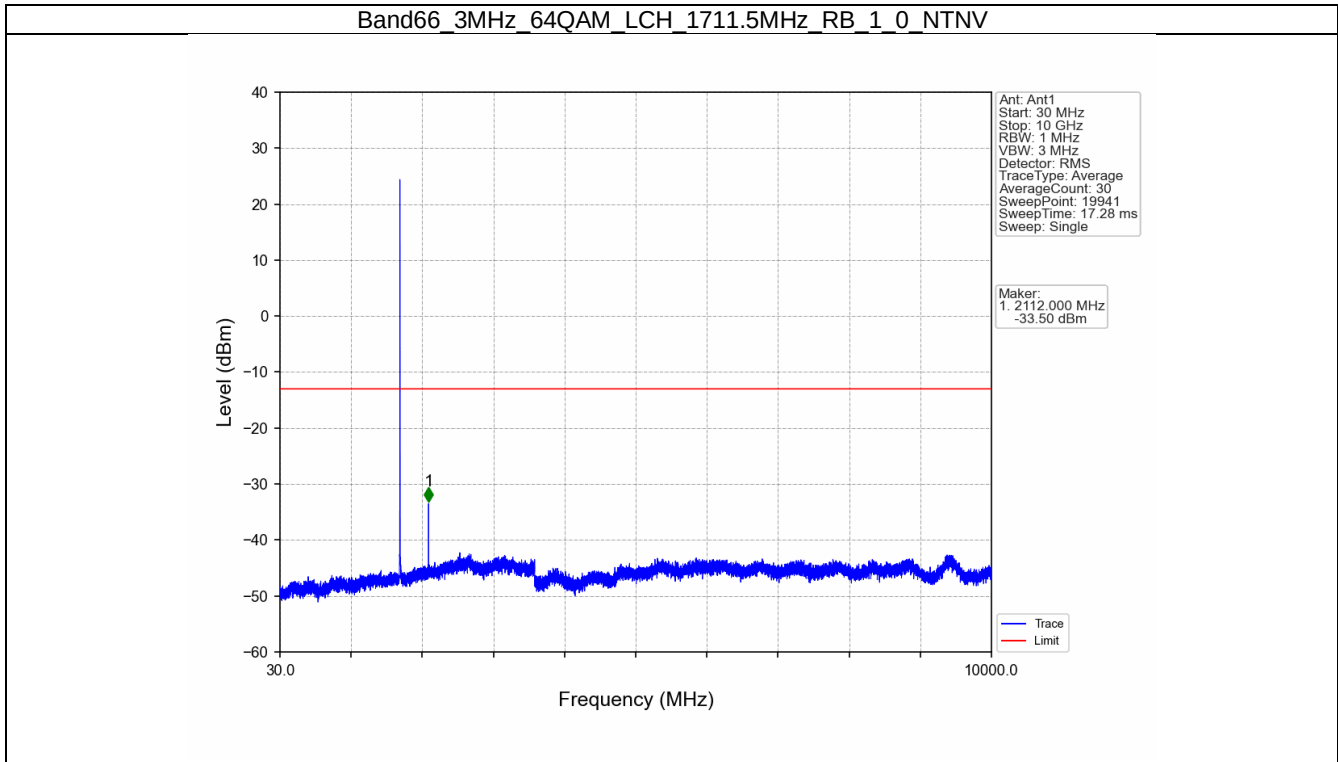


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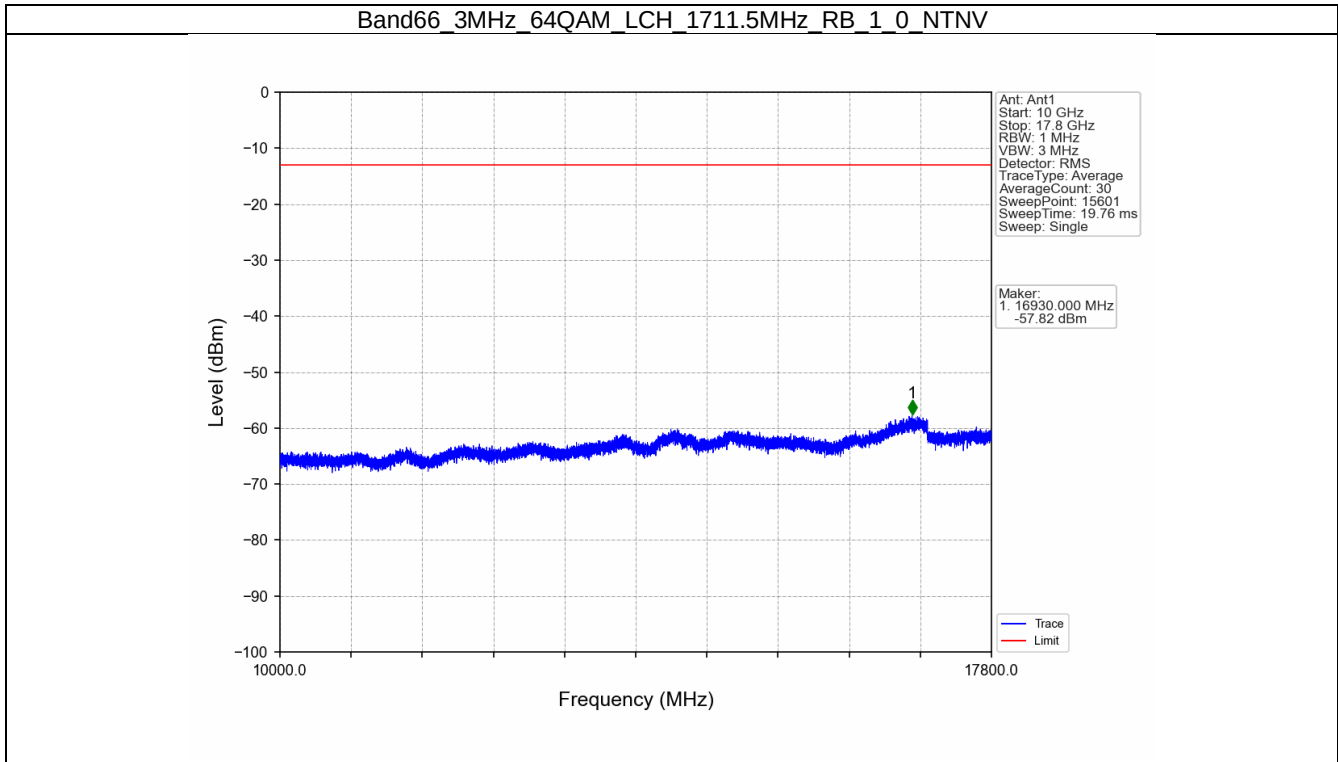


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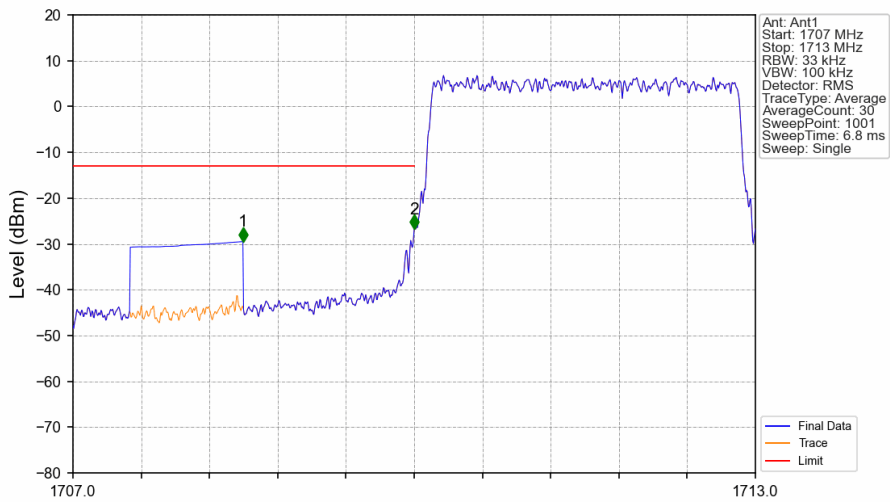
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Band66_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-29.50	-13	Pass
1709	1710	0.033	/	2	1710.000	-26.81	-13	Pass
1710	1713	0.033	/	/	/	/	/	/

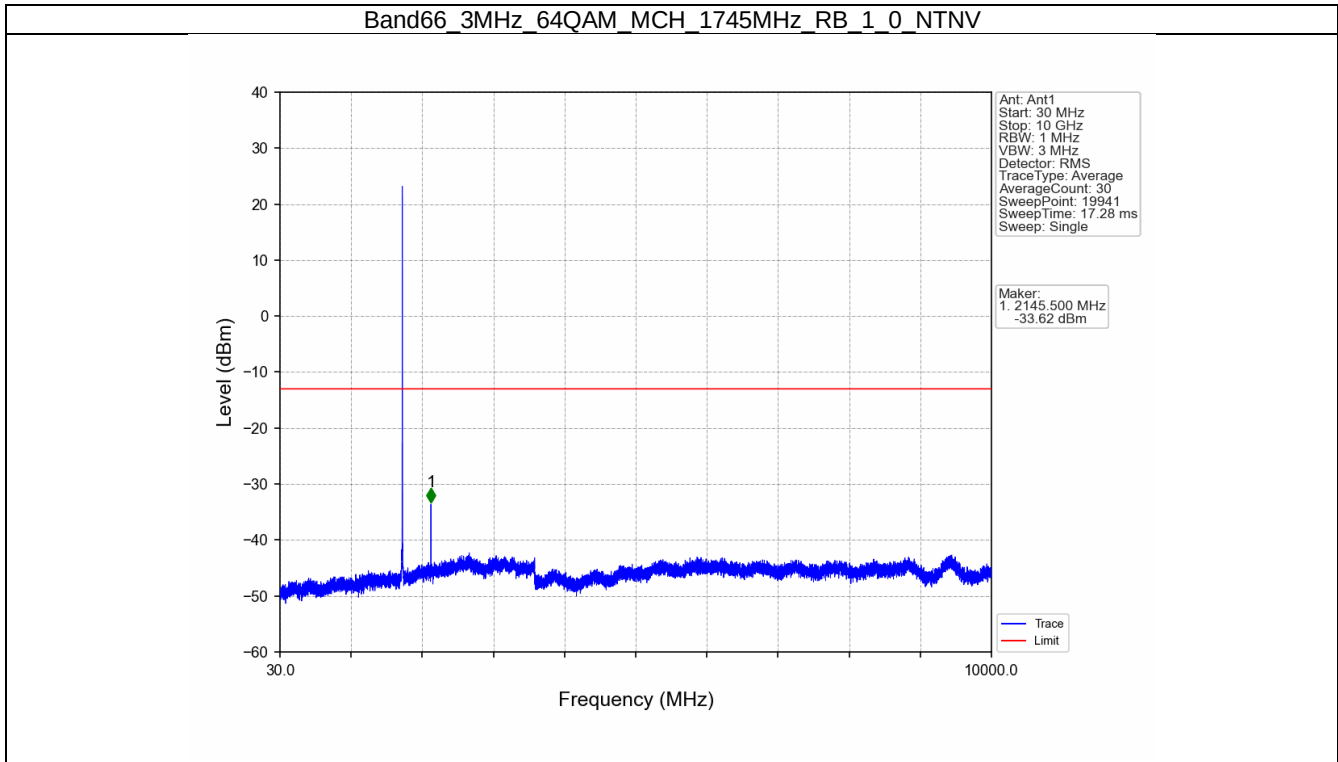


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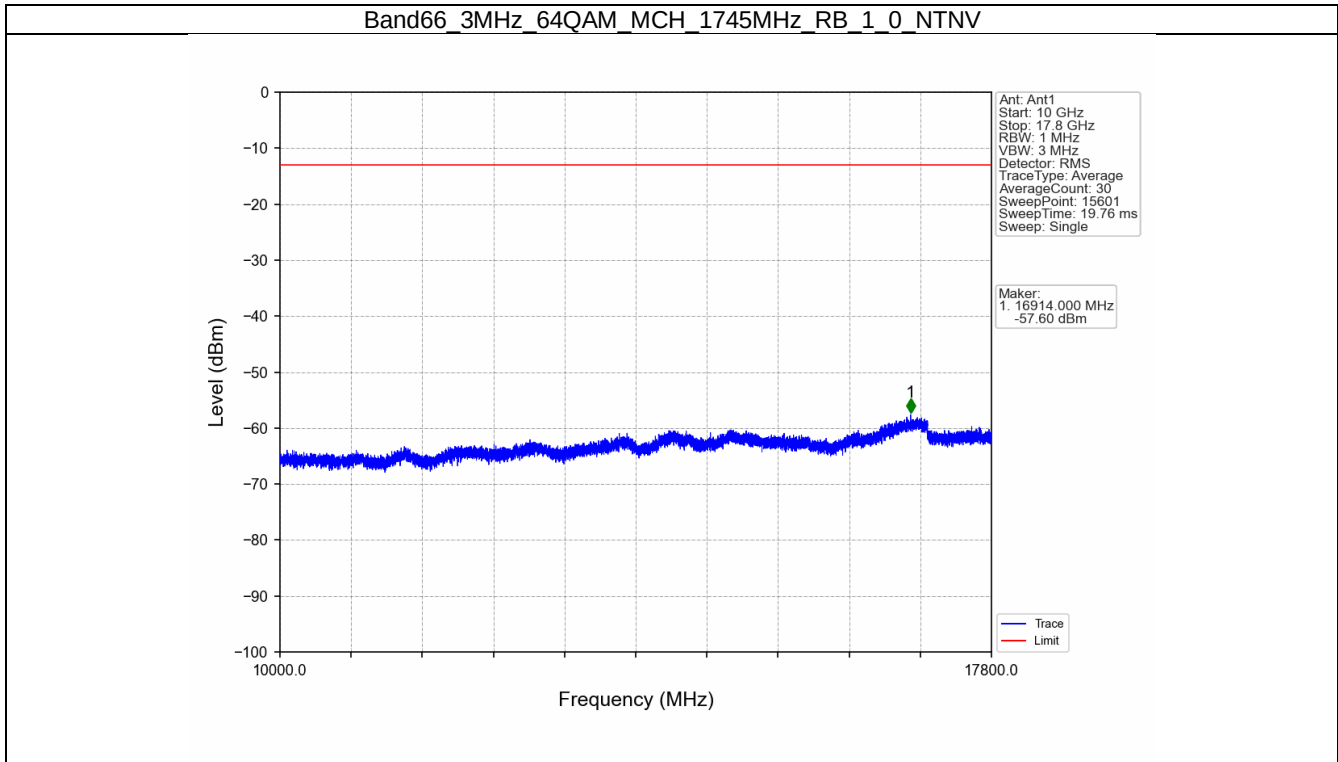


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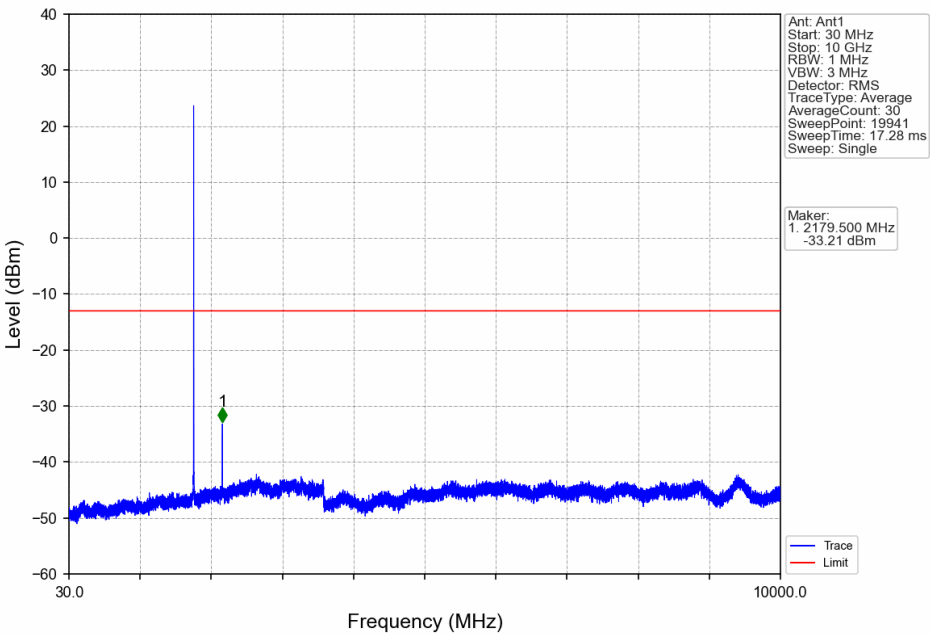
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Band66_3MHz_64QAM_HCH_1778.5MHz_RB_1_0_NTNV



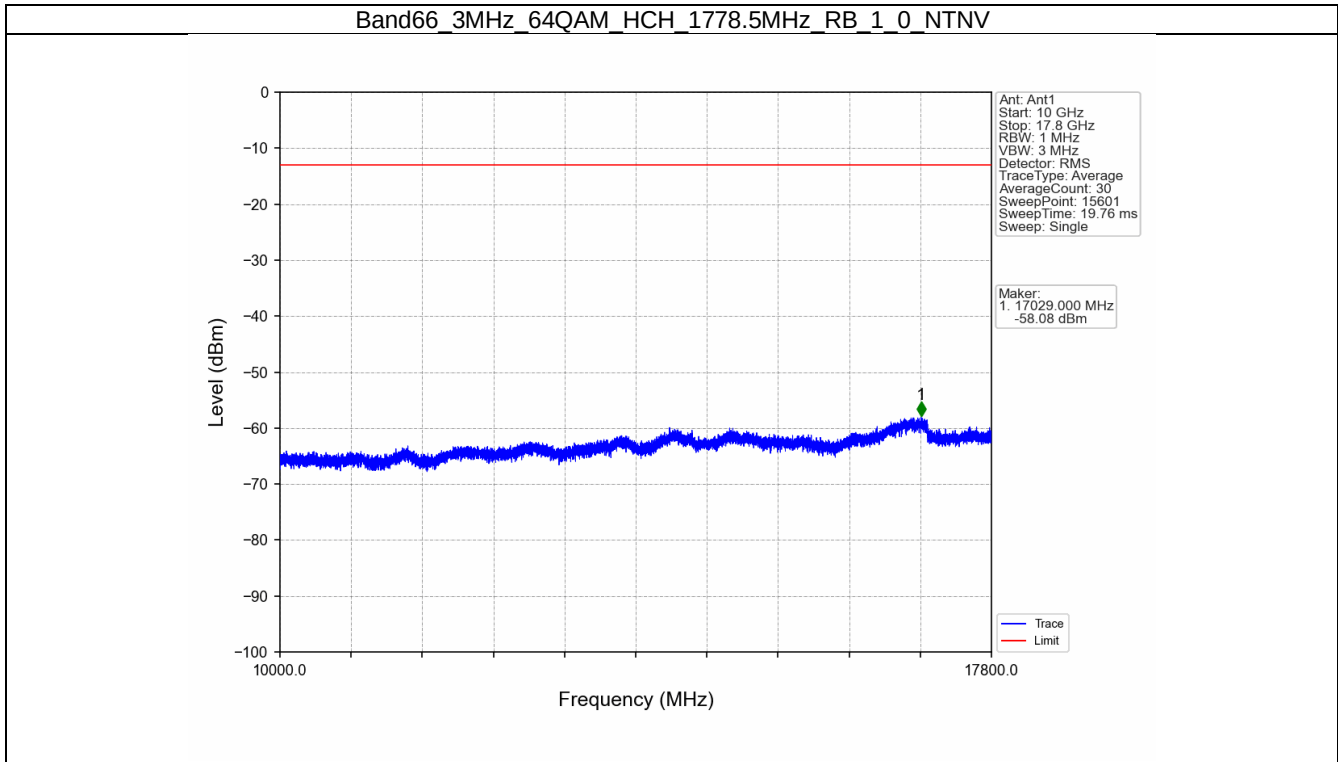


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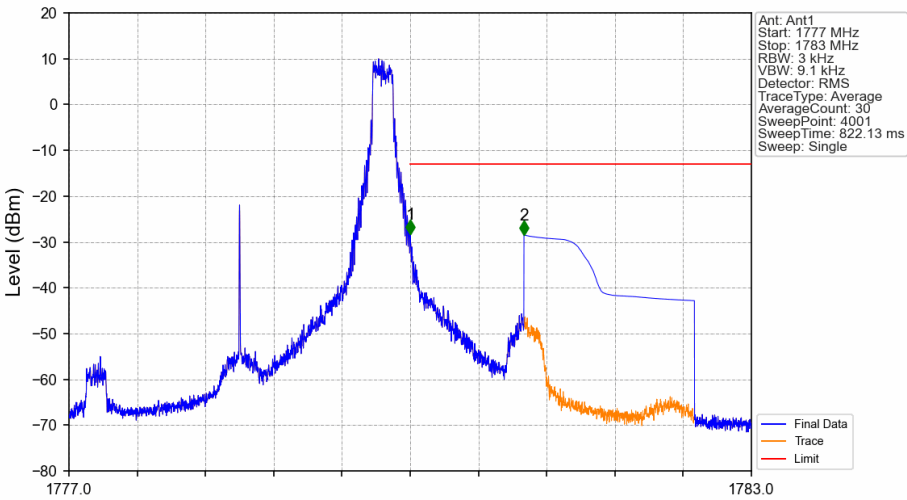
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Band66_3MHz_64QAM_HCH_1778.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	1	1780.002	-28.29	-13	Pass
1780	1781	0.003	/	2	1781.001	-28.48	-13	Pass
1781	1783	1	CHP					



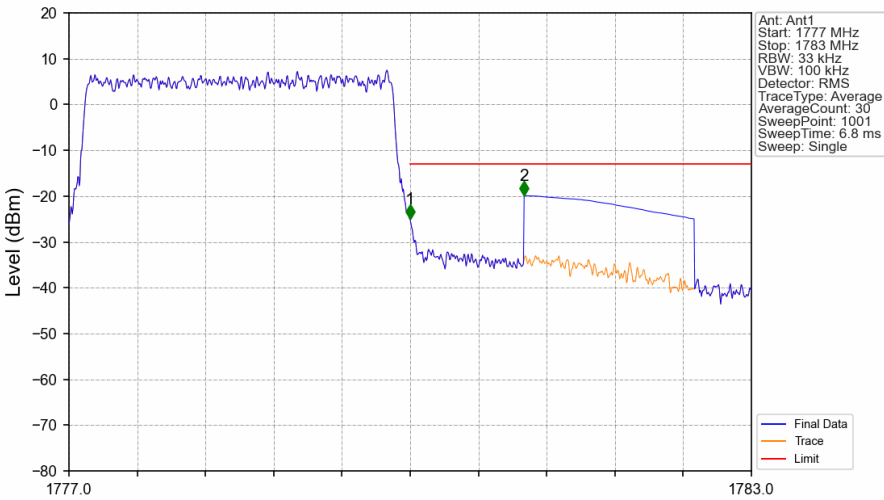
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Band66_3MHz_64QAM_HCH_1778.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.033	/	1	1780.000	-25.05	-13	Pass
1780	1781	0.033	/	2	1781.002	-19.88	-13	Pass
1781	1783	1	CHP					



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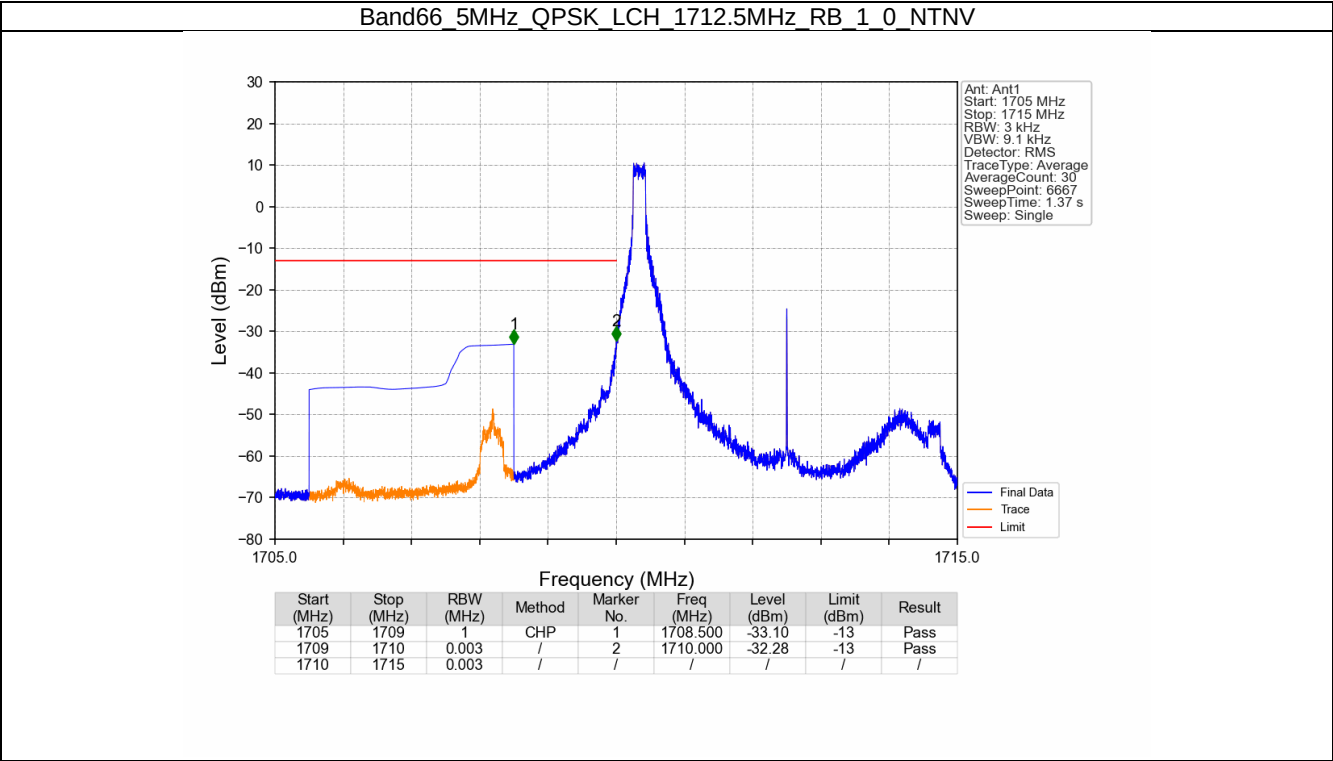
4.3 B66_5MHz

4.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTVN						
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
64QAM	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



4.3.2 Test Graph



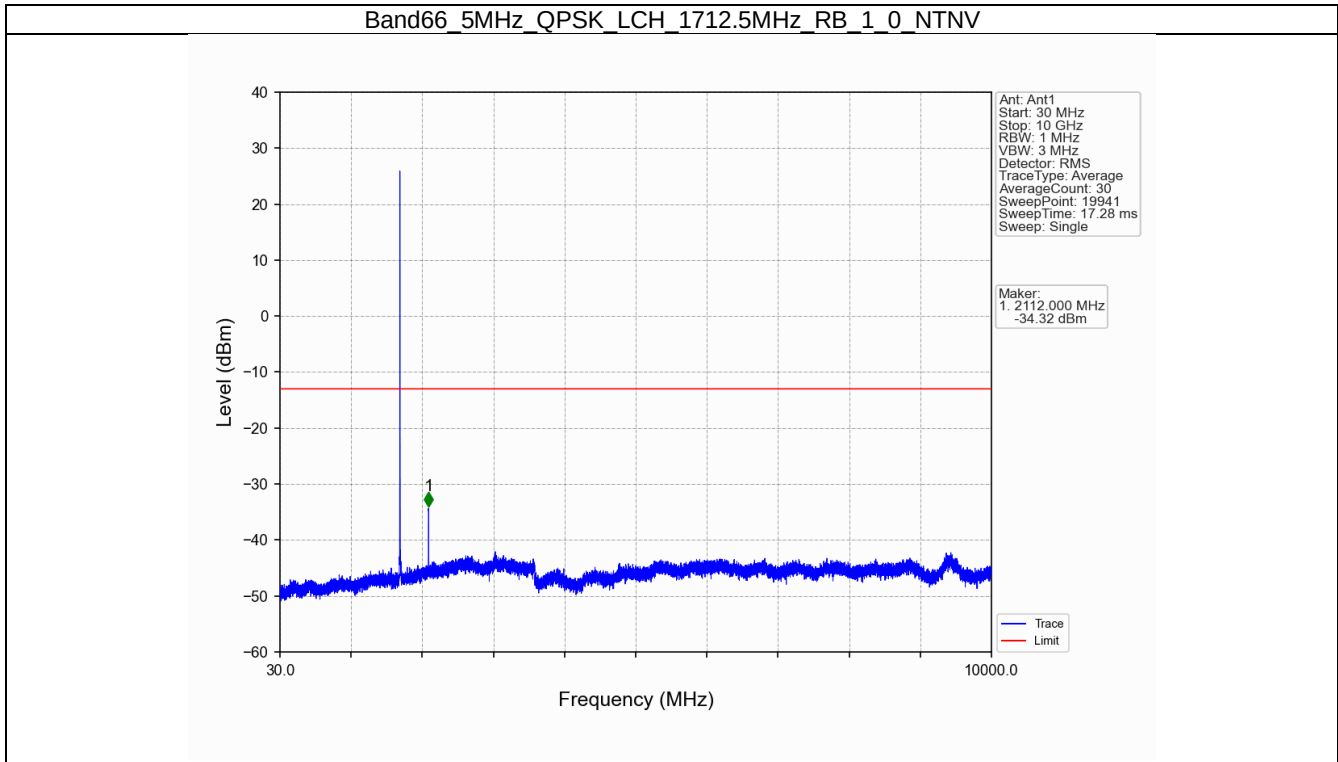


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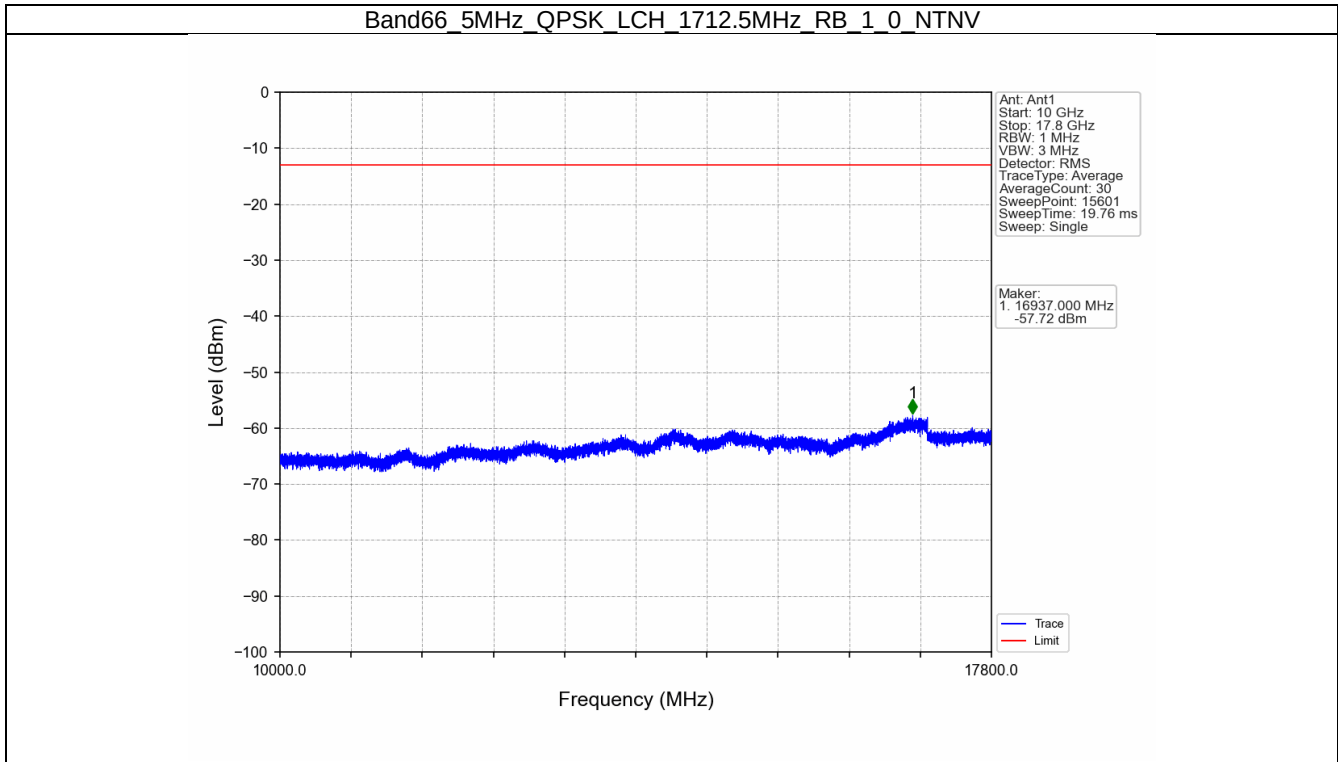


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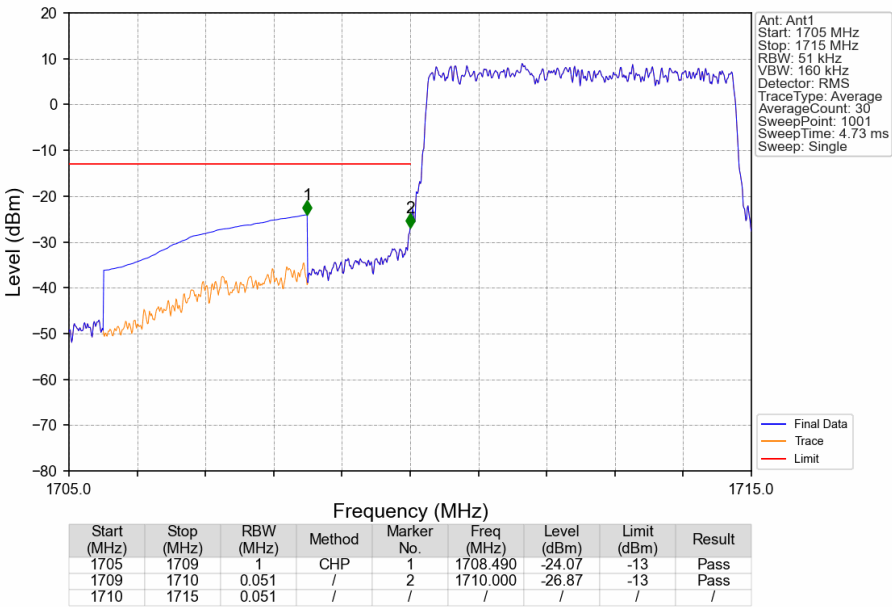
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Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



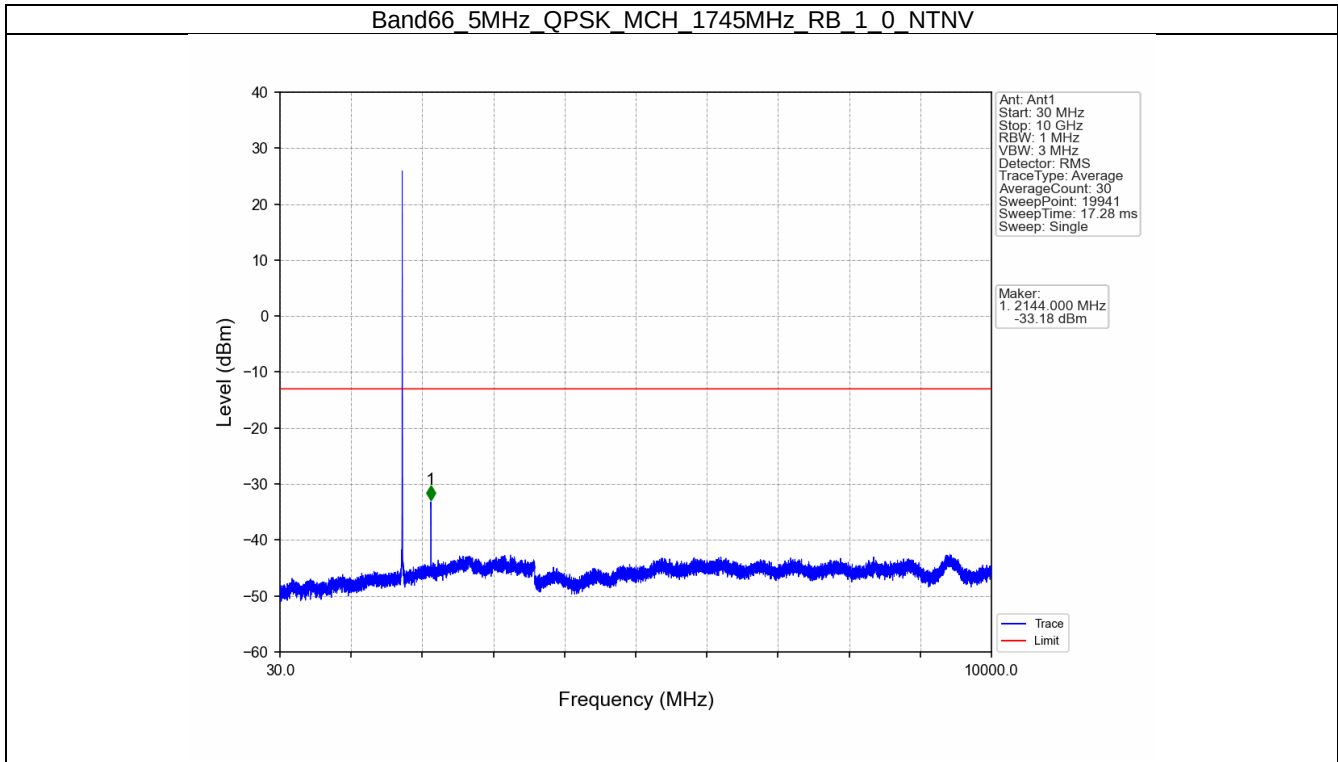


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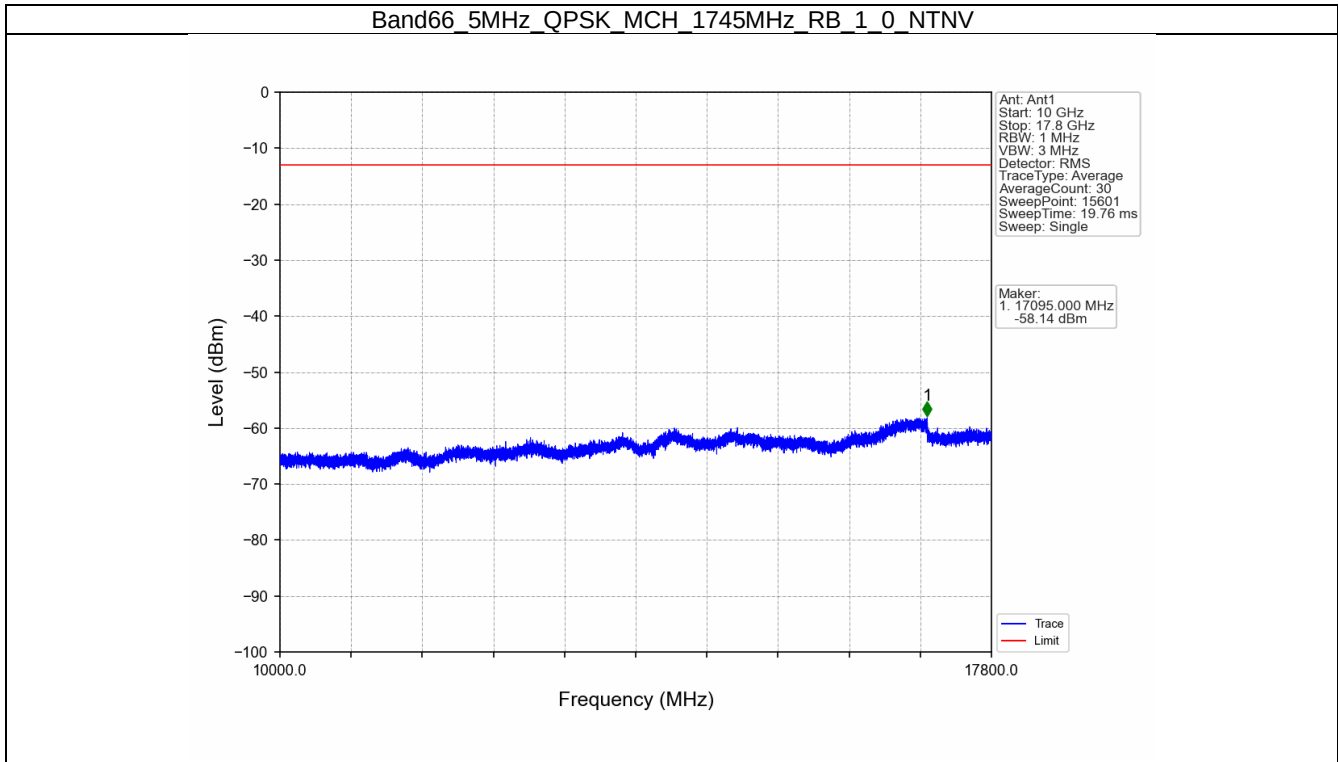


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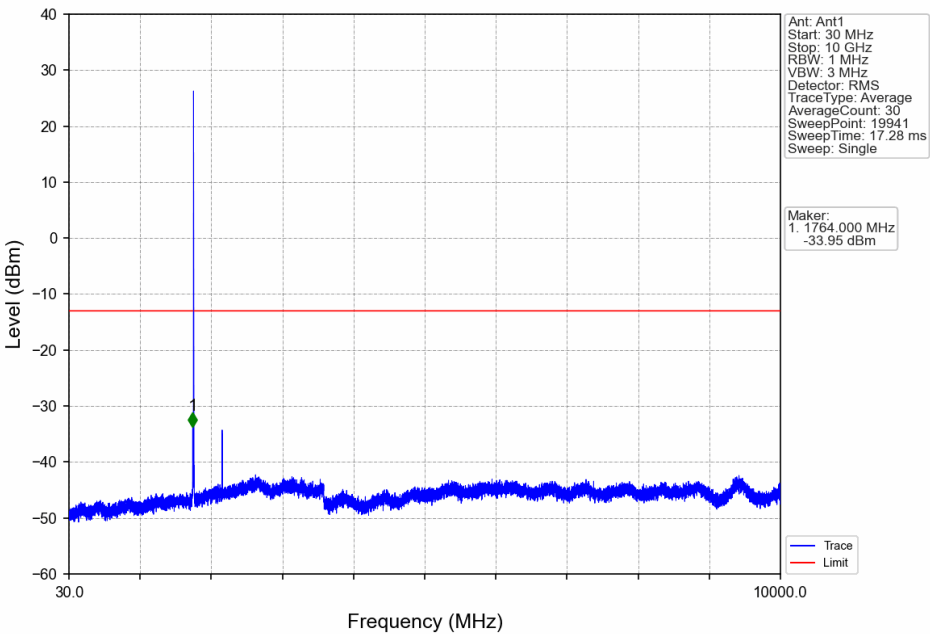
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Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV



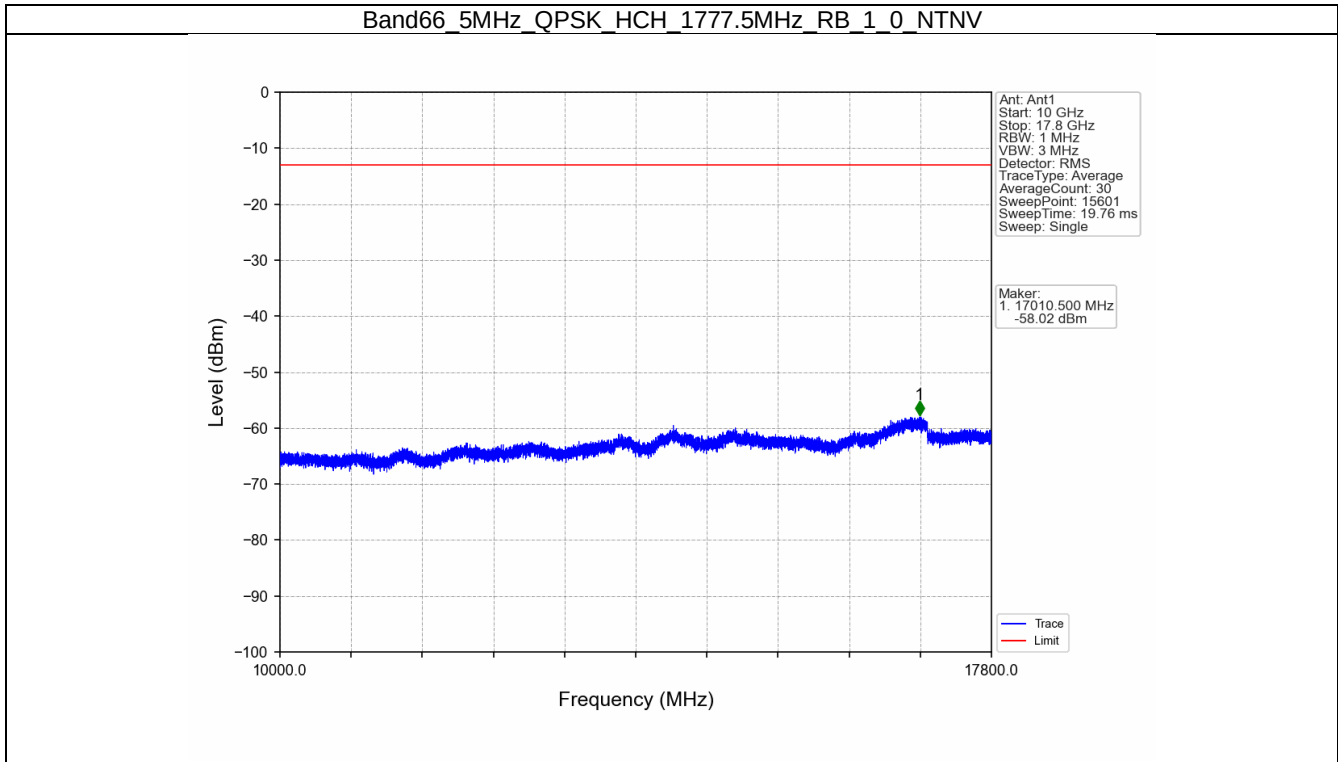


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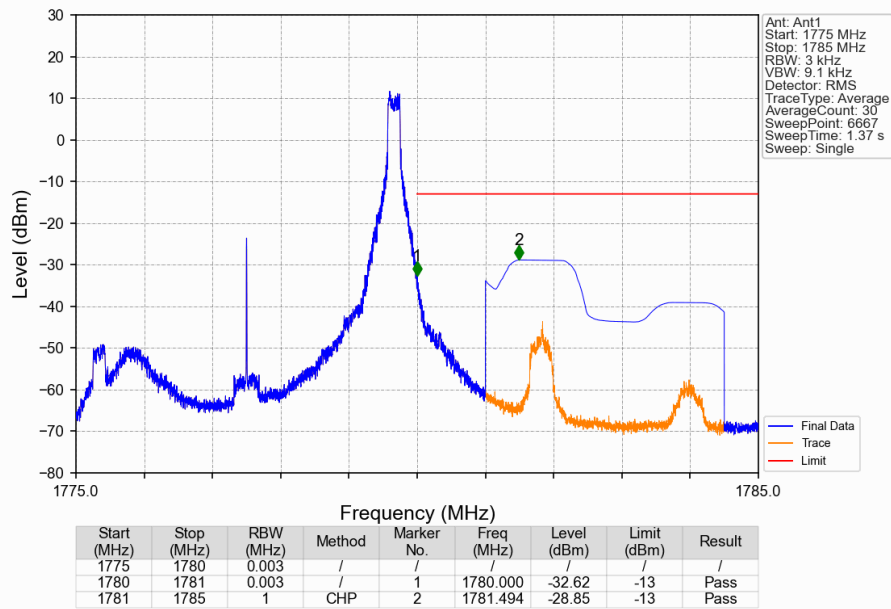
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Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_24_NTNV





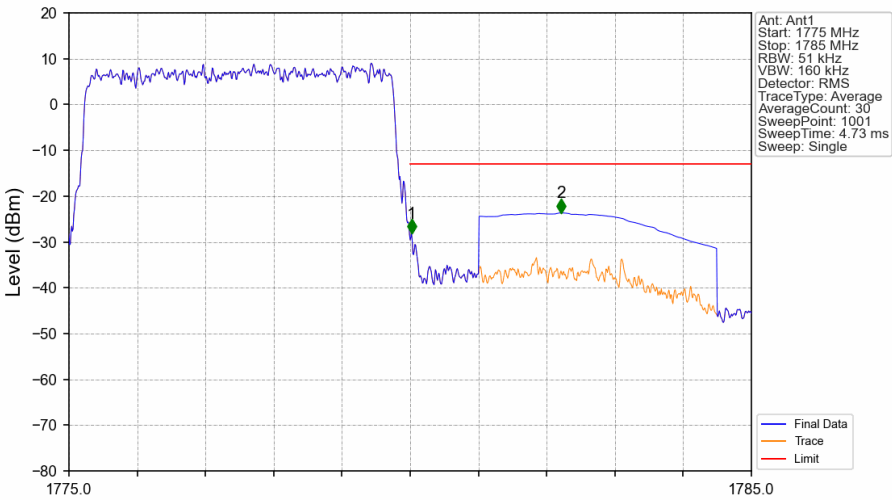
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Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.051	/	1	1780.020	-28.18	-13	Pass
1780	1781	0.051	/	2	1782.210	-23.66	-13	Pass



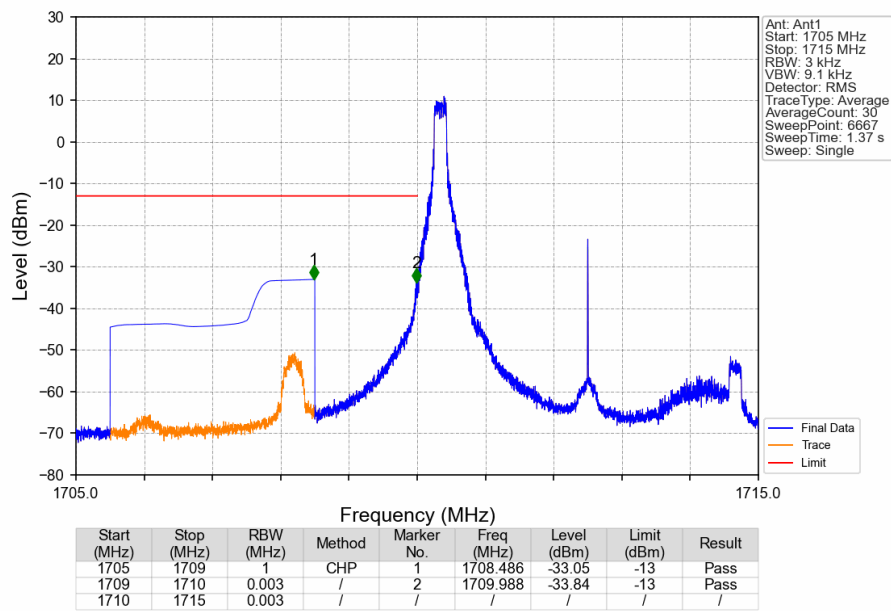
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Band66_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



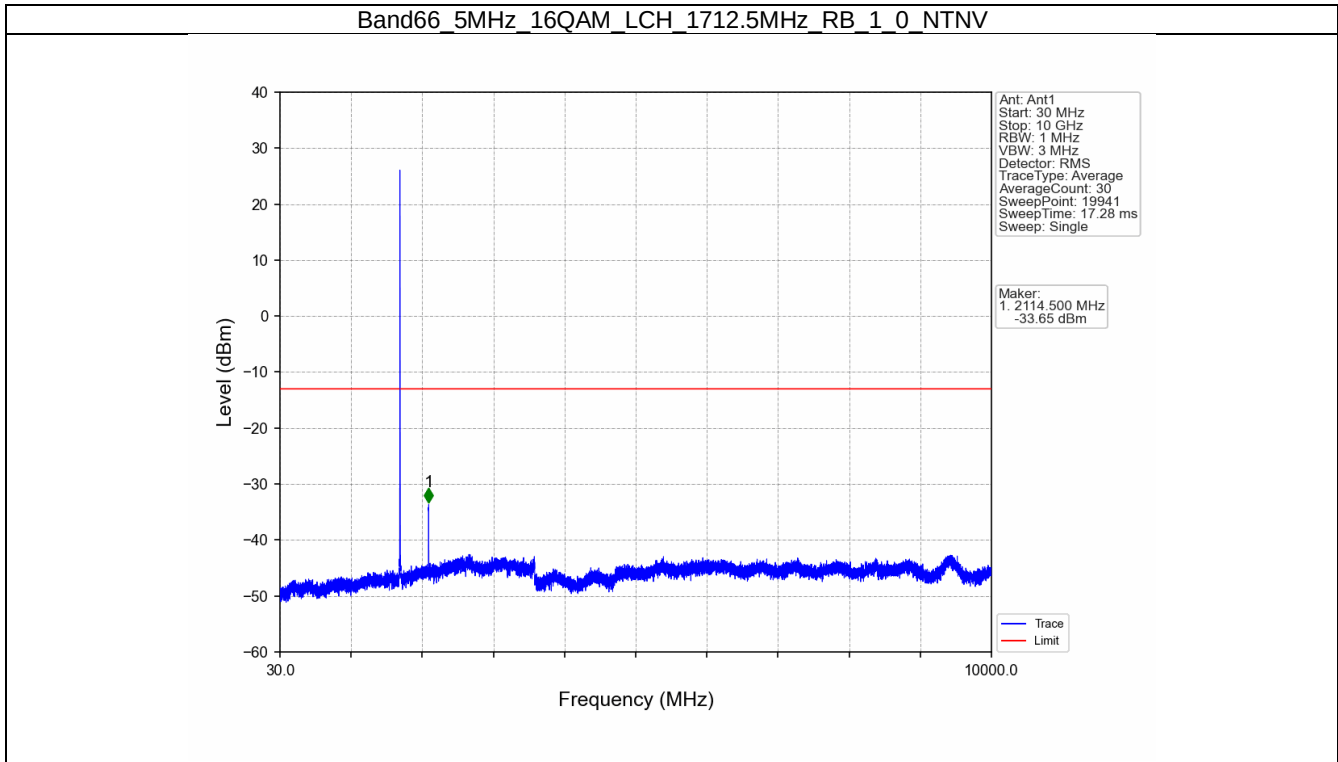


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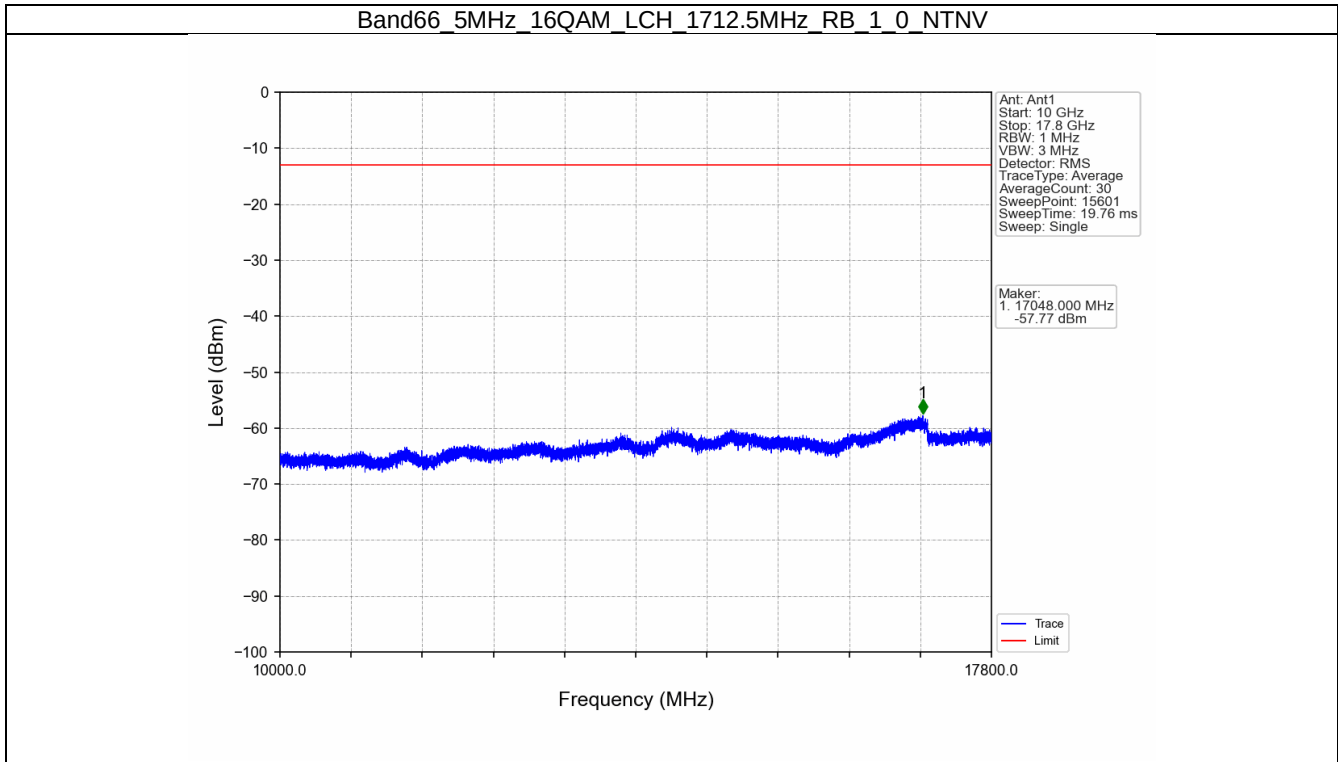


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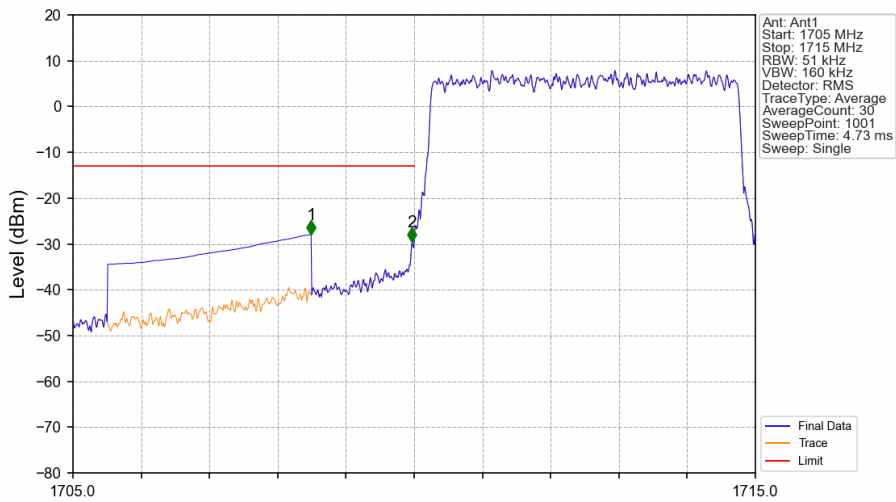
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Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-27.99	-13	Pass
1709	1710	0.051	/	2	1709.970	-29.54	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

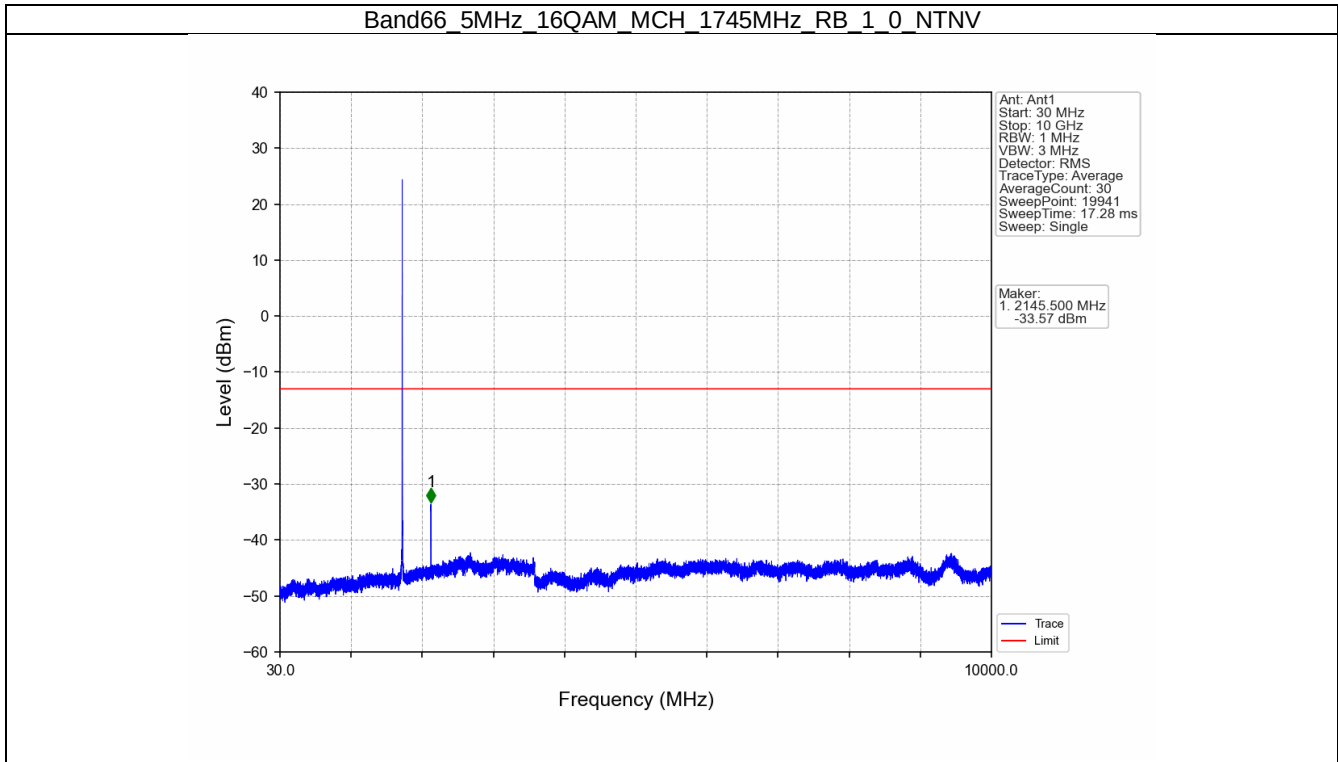


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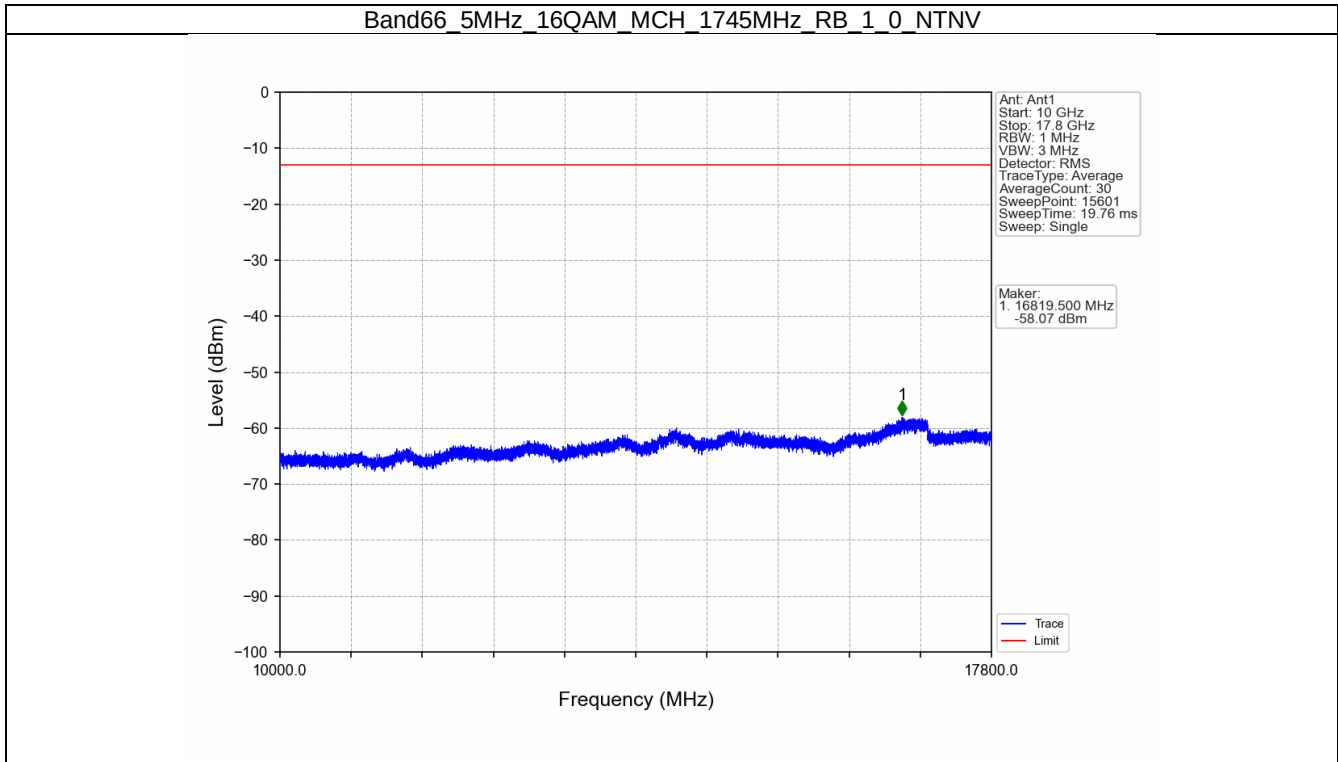


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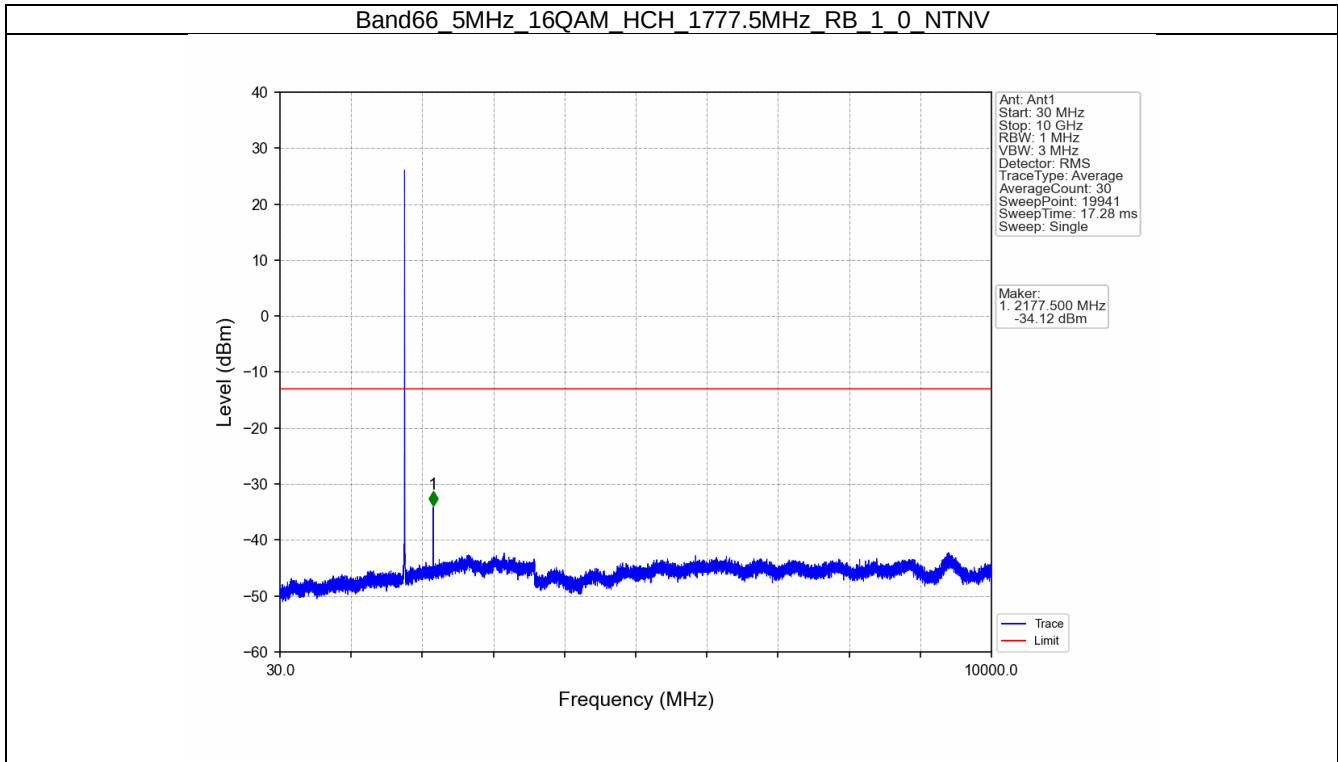


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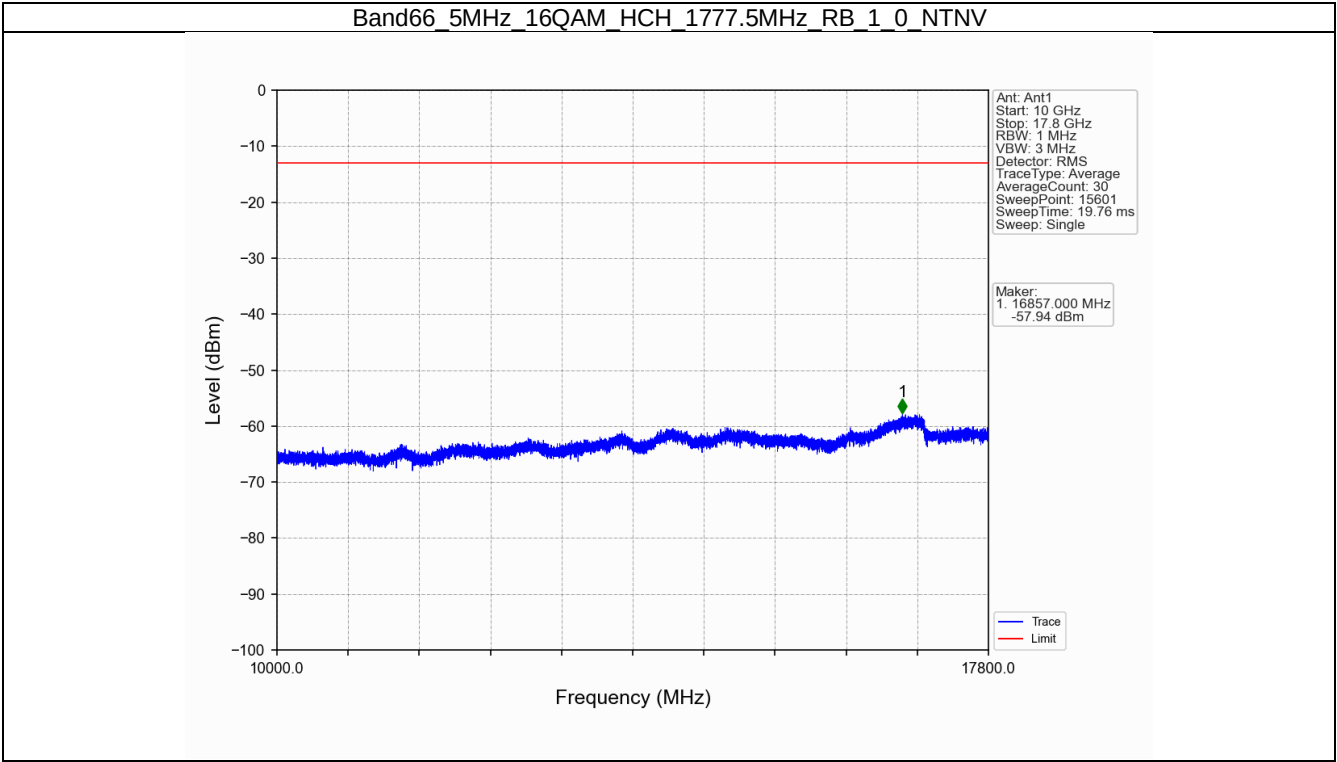


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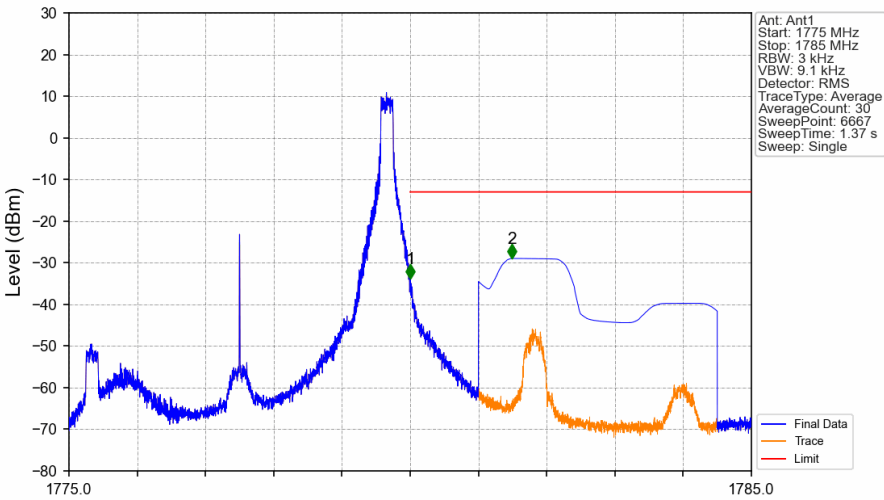
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Band66_5MHz_16QAM_HCH_1777.5MHz_RB_1_24_NTNV



Frequency (MHz)								
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	1	1780.002	-33.86	-13	Pass
1780	1781	0.003	/	2	1781.491	-28.97	-13	Pass



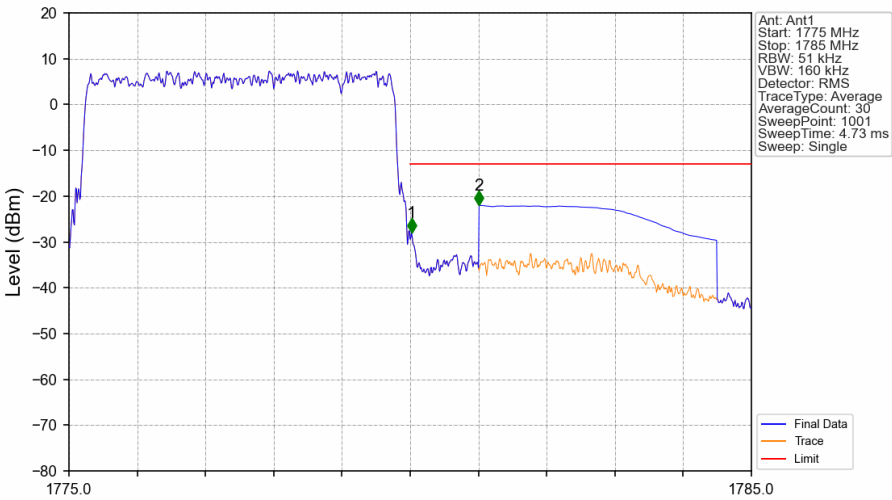
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Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.051	/	/	/	/	/	/
1780	1781	0.051	/	1	1780.020	-28.00	-13	Pass
1781	1785	1	CHP	2	1781.010	-22.04	-13	Pass



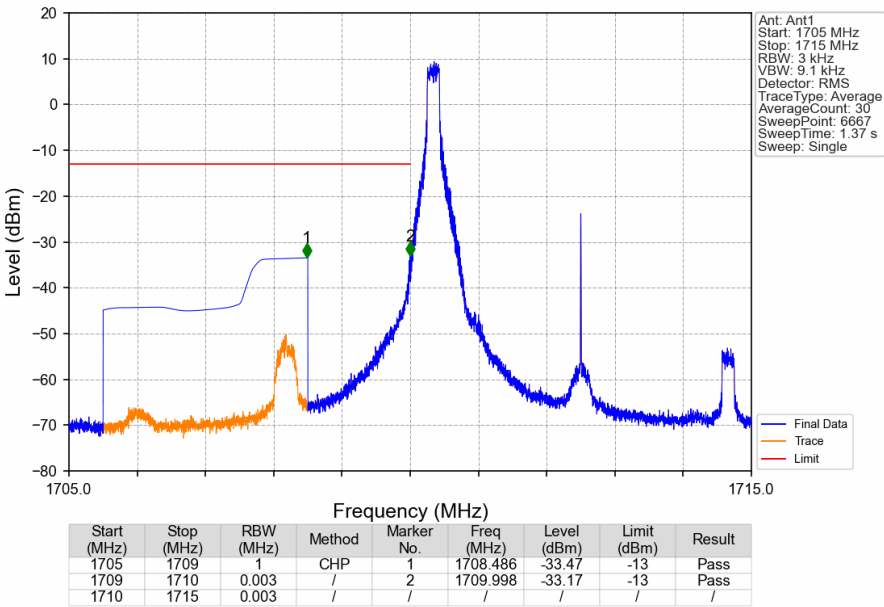
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Band66_5MHz_64QAM_LCH_1712.5MHz_RB_1_0_NTNV



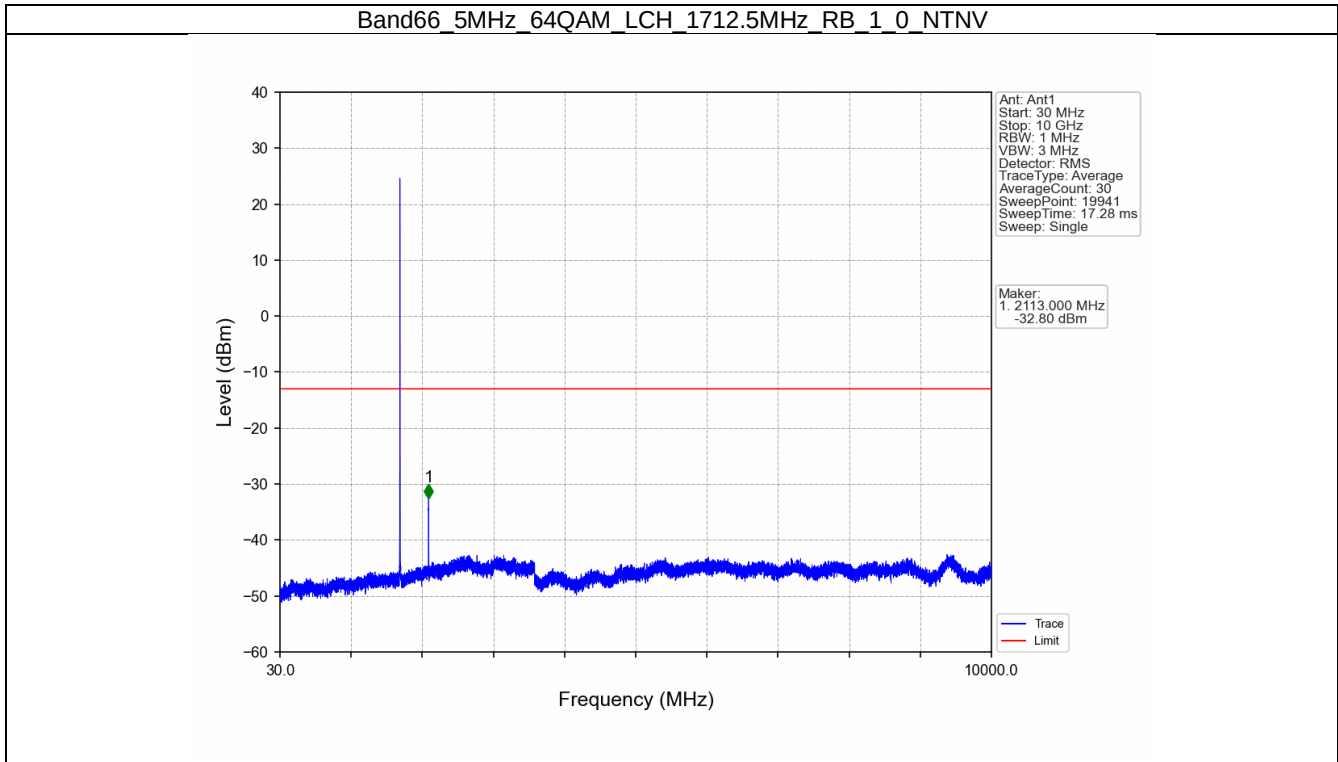


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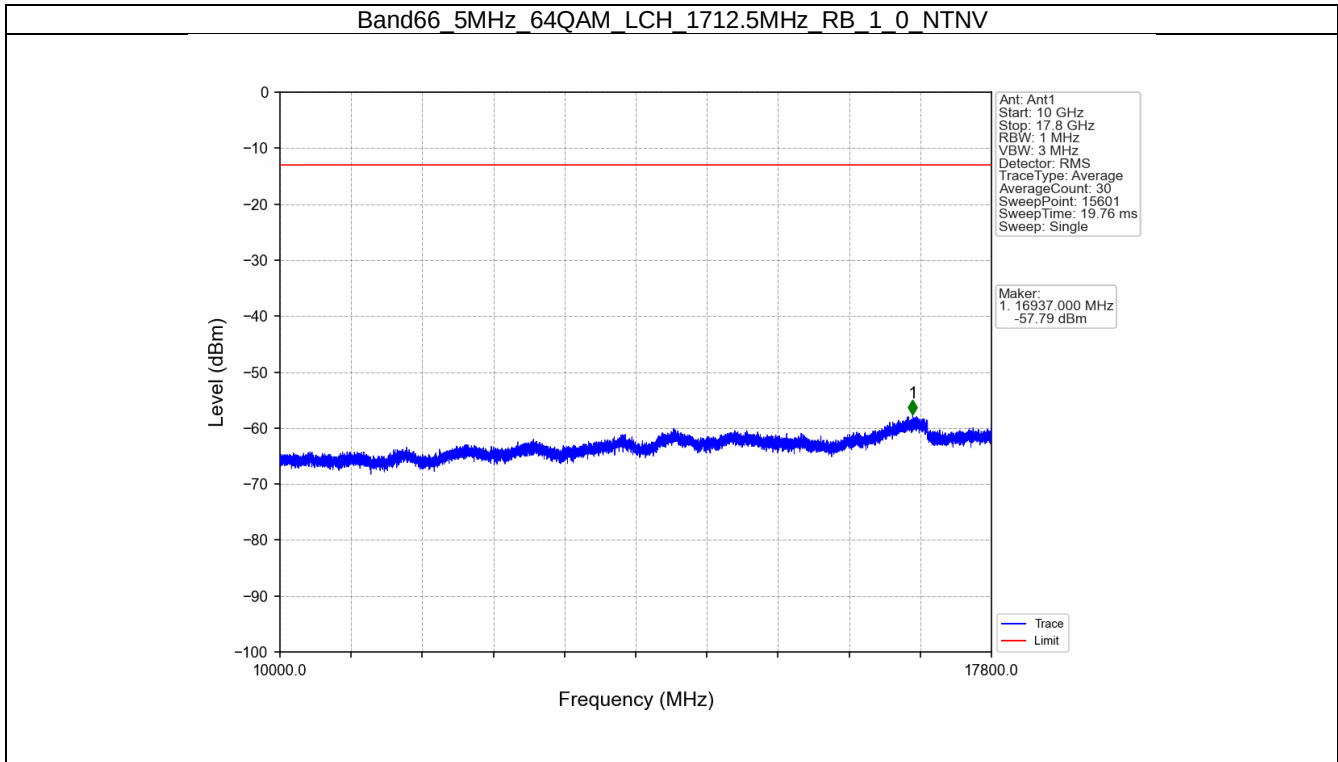


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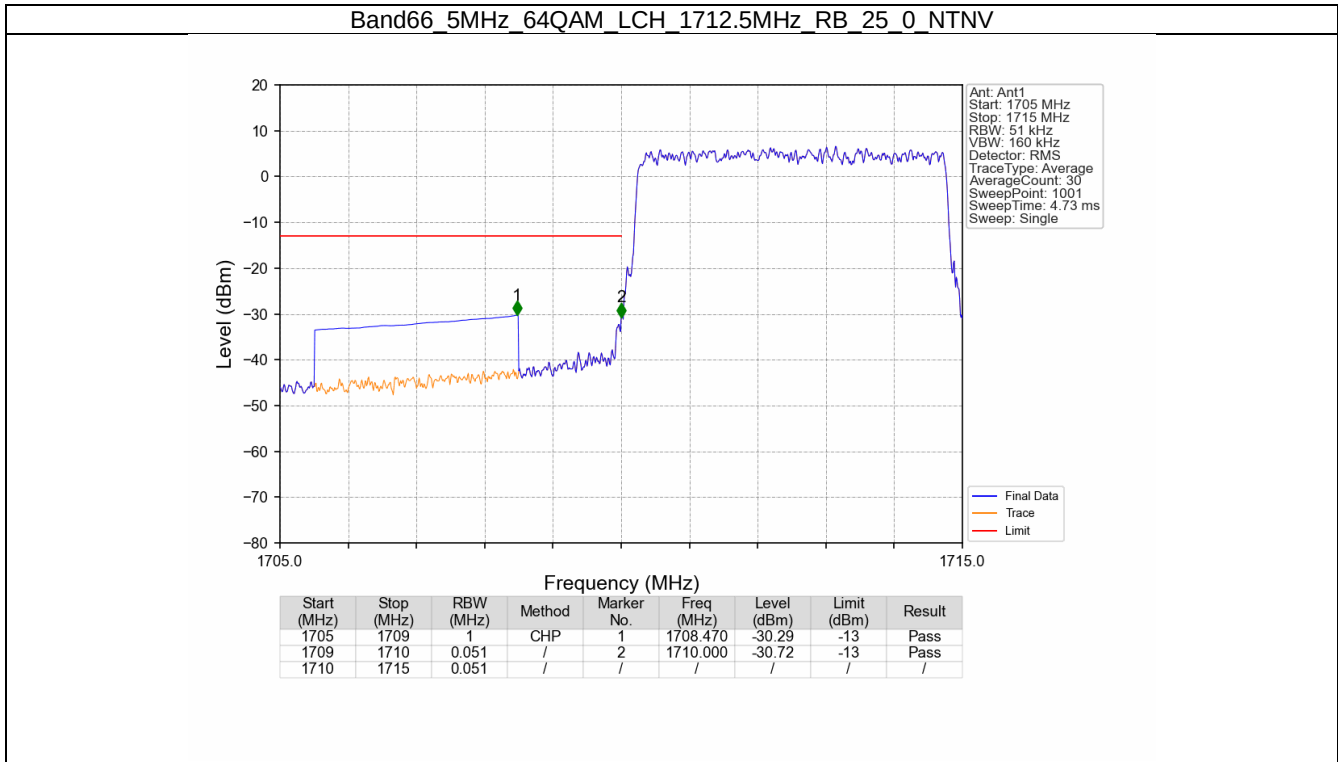


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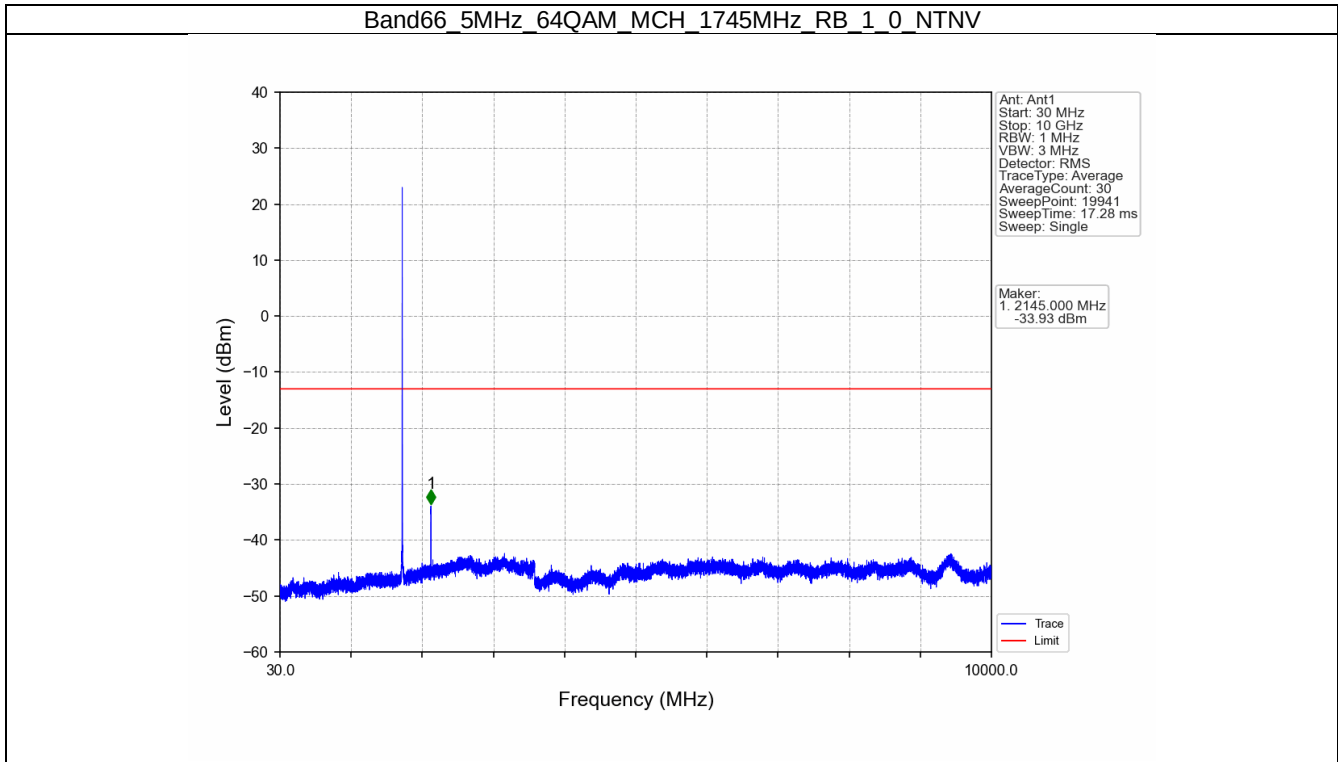


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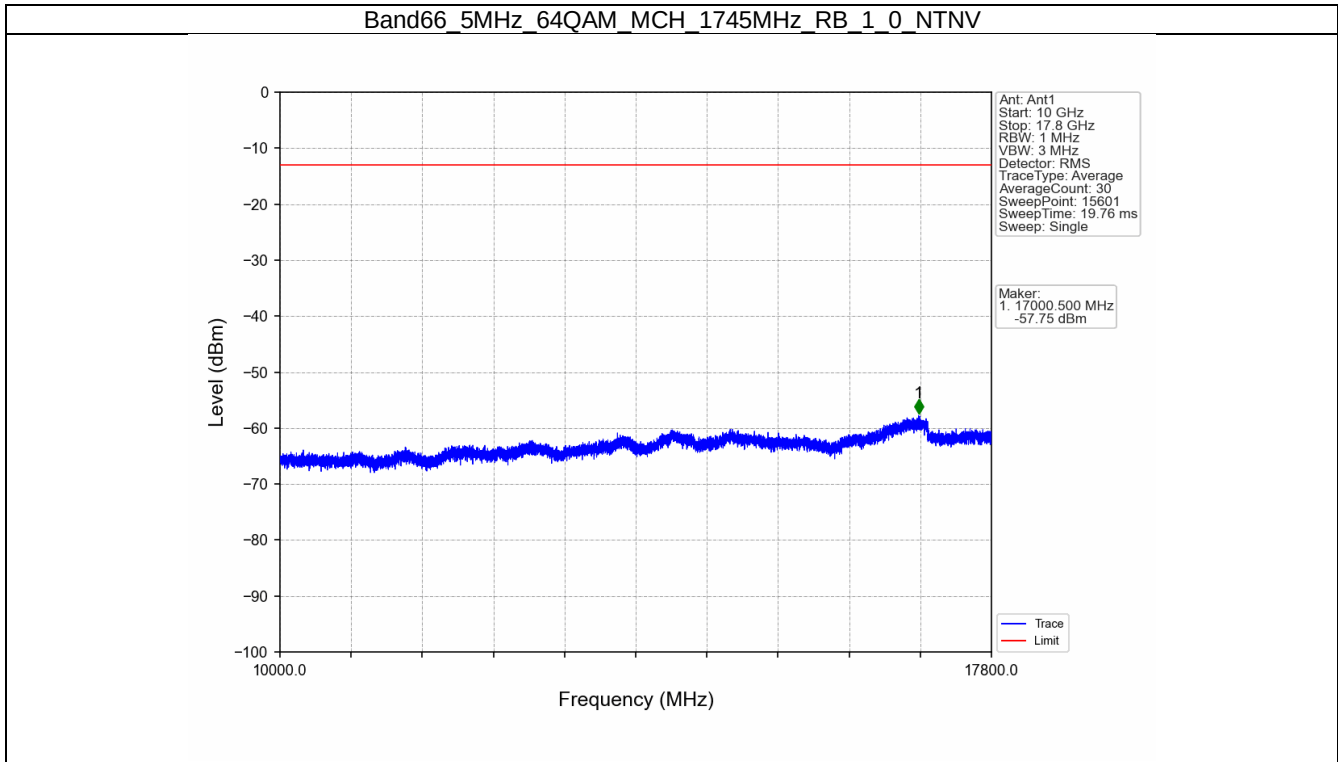


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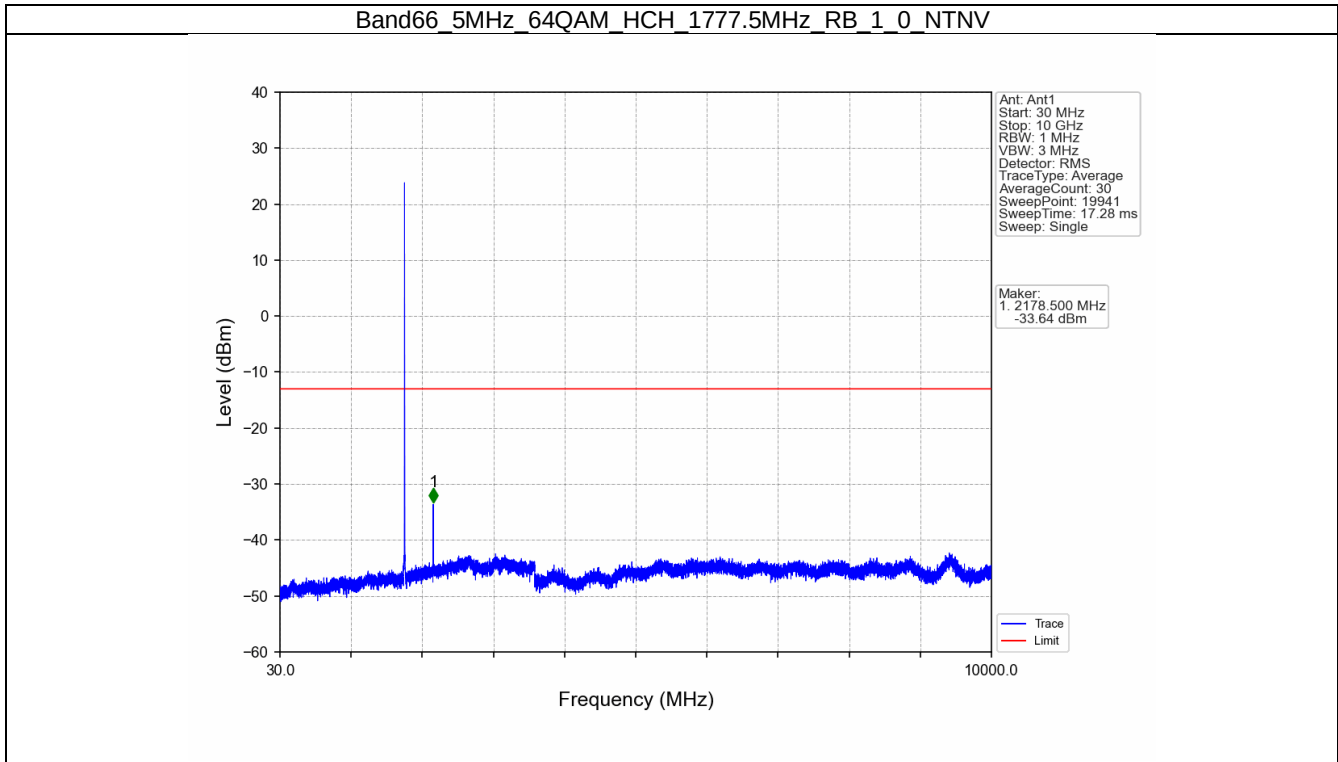


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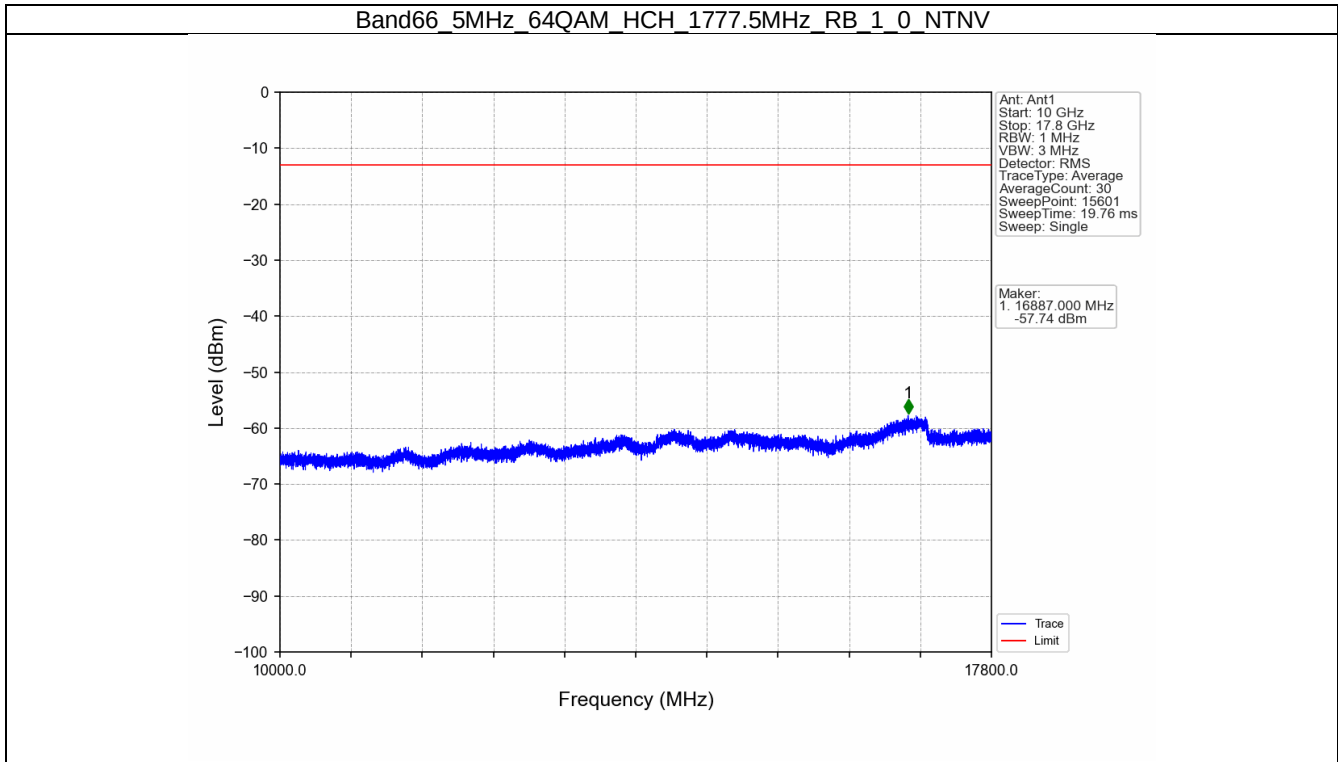


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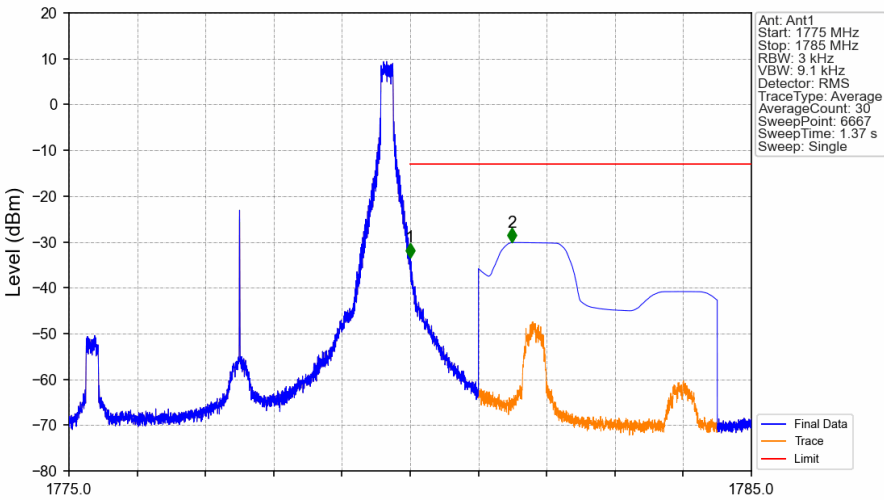
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Band66_5MHz_64QAM_HCH_1777.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	1	1780.000	-33.37	-13	Pass
1780	1781	0.003	/	2	1781.490	-30.14	-13	Pass



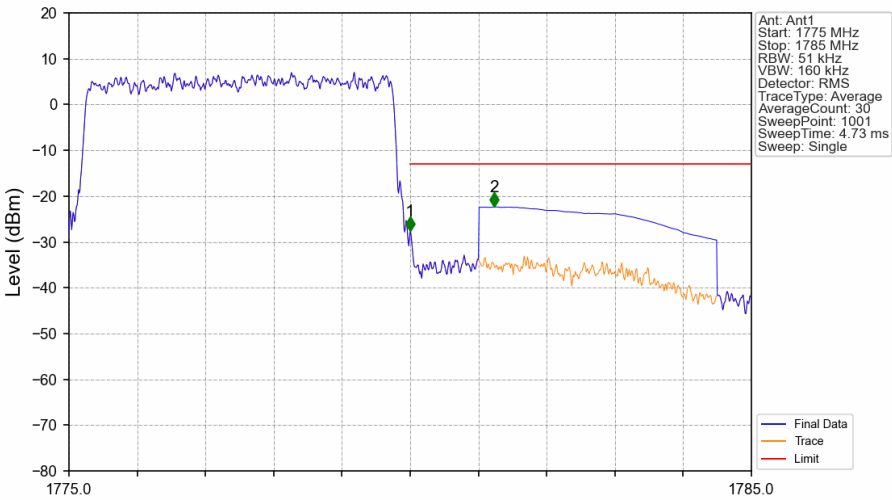
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Band66_5MHz_64QAM_HCH_1777.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.051	/	/	/	/	/	/
1780	1781	0.051	/	1	1780.000	-27.63	-13	Pass
1781	1785	1	CHP	2	1781.230	-22.37	-13	Pass



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4.4 B66_10MHz

4.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		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
16QAM	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
64QAM	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



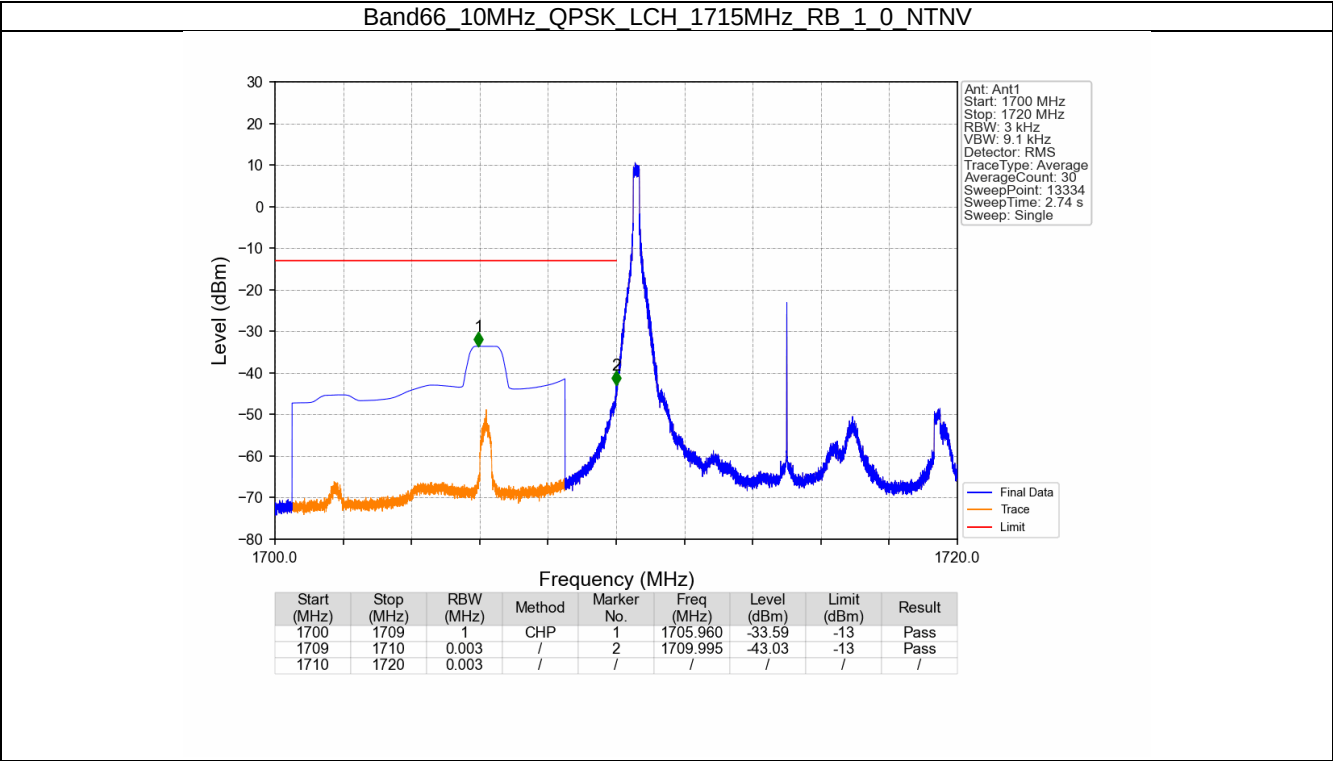
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4.4.2 Test Graph



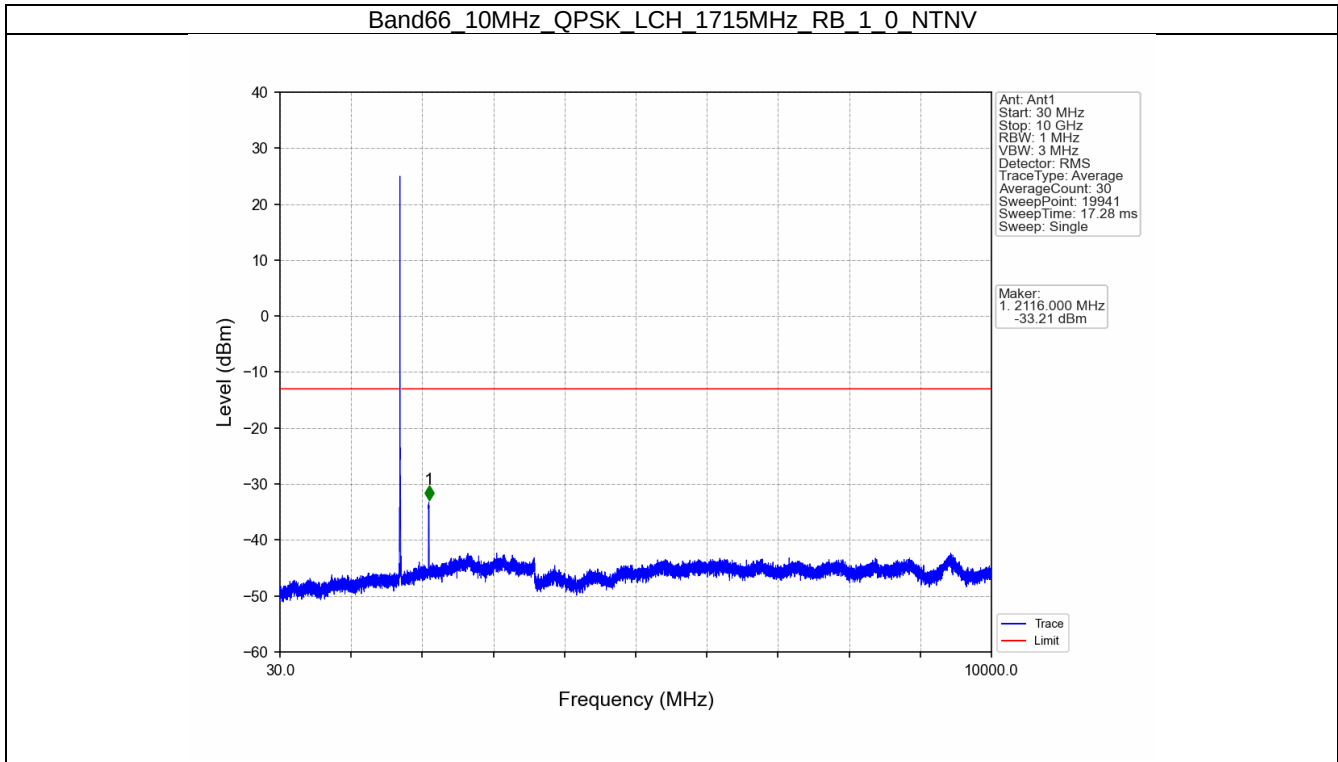


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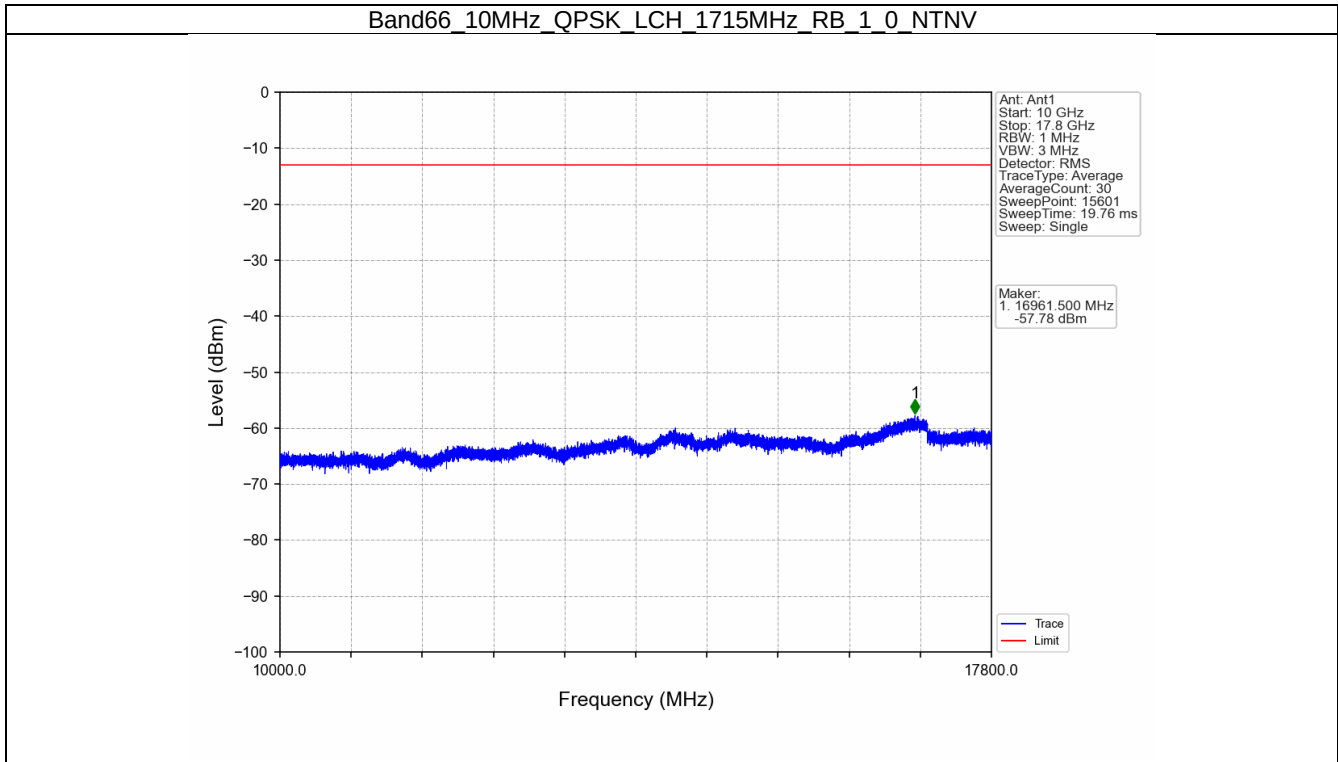


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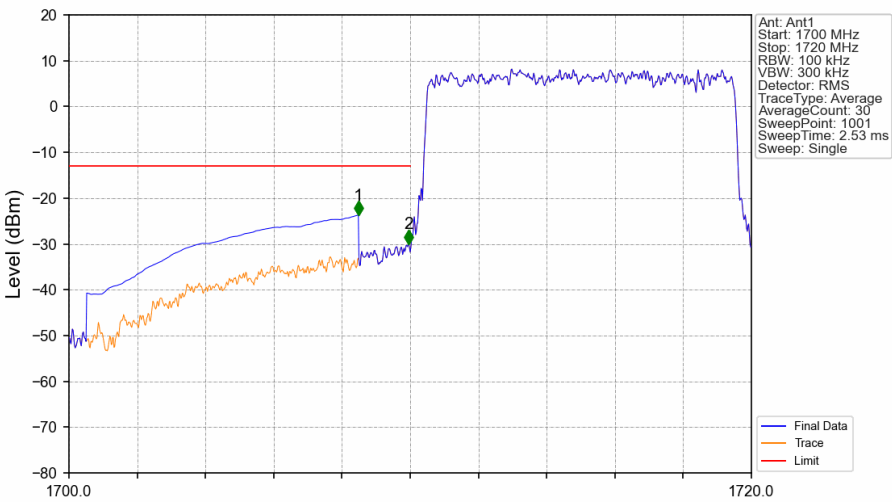
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Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



Frequency (MHz)								
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-23.70	-13	Pass
1709	1710	0.1	/	2	1709.960	-30.02	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

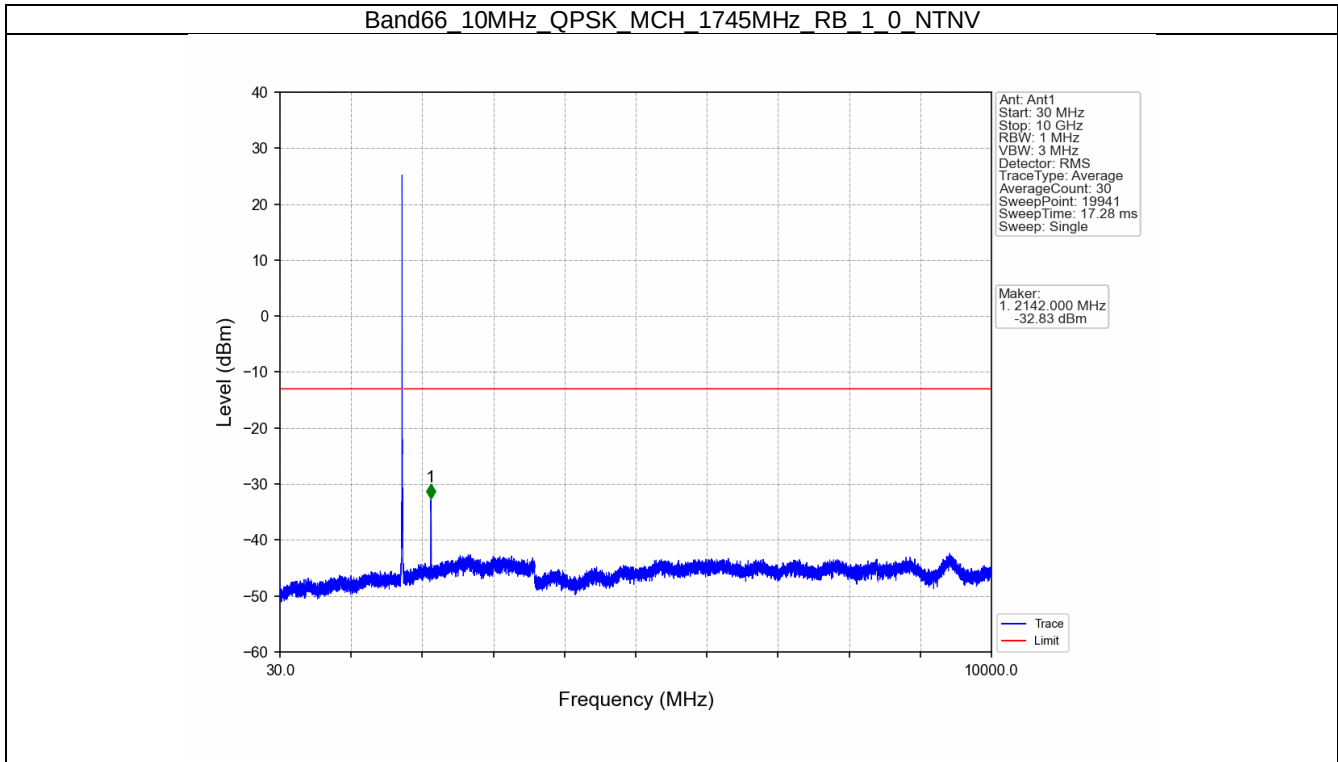


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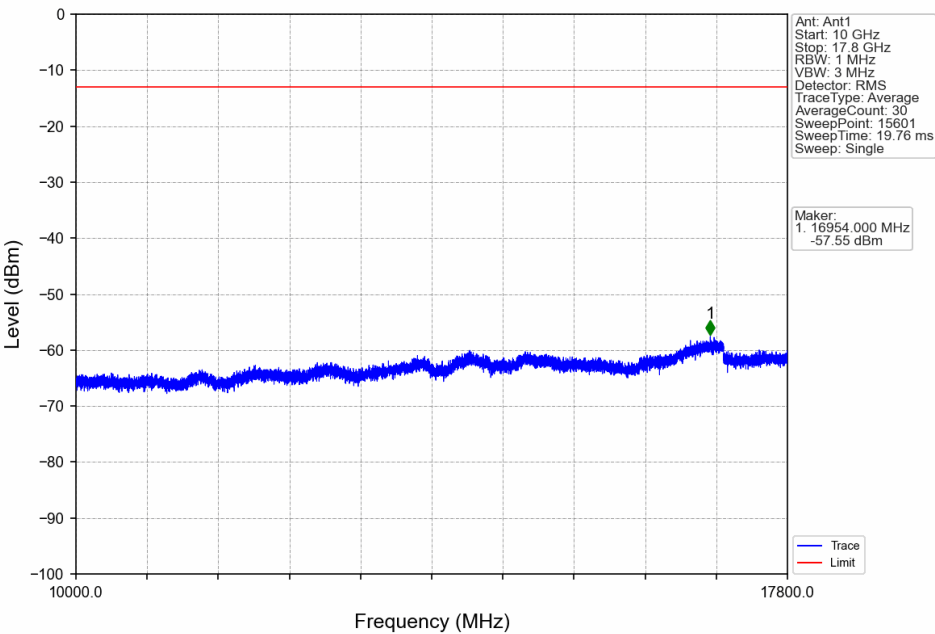
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Band66_10MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



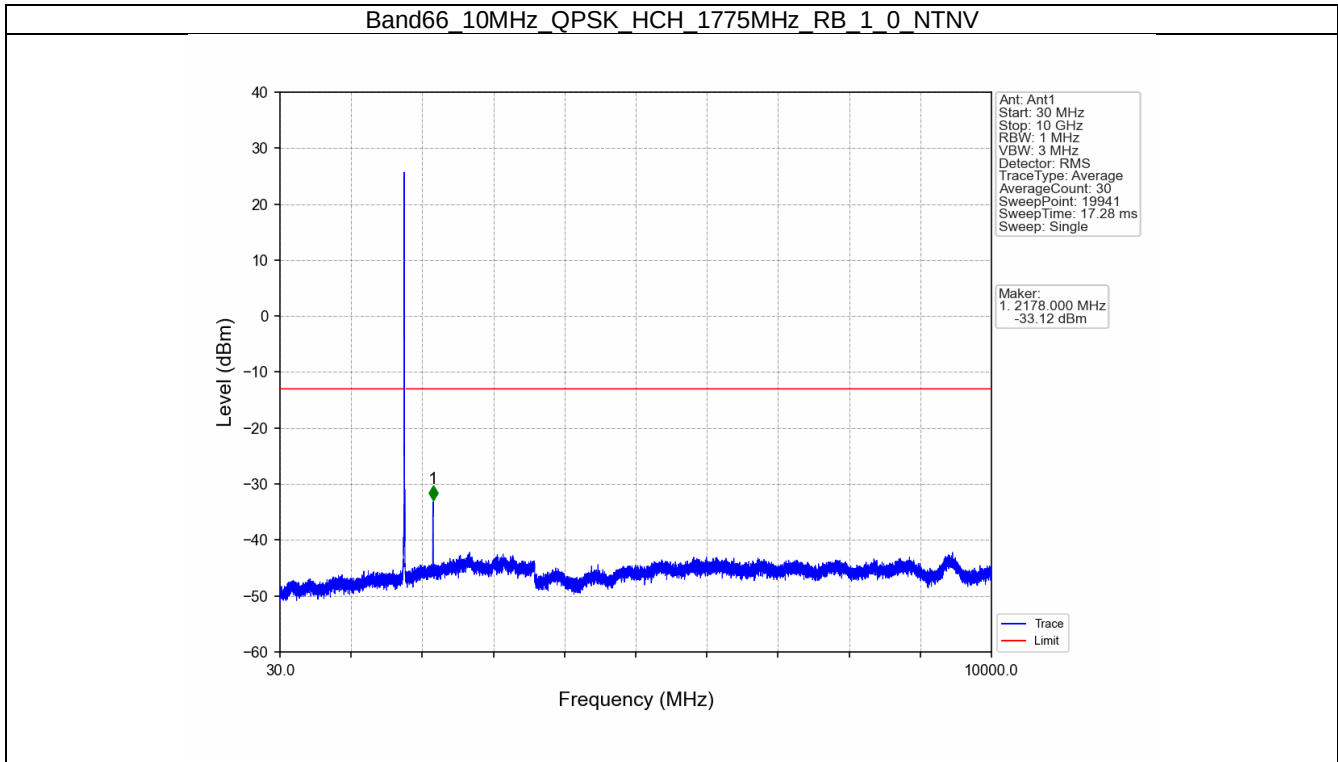


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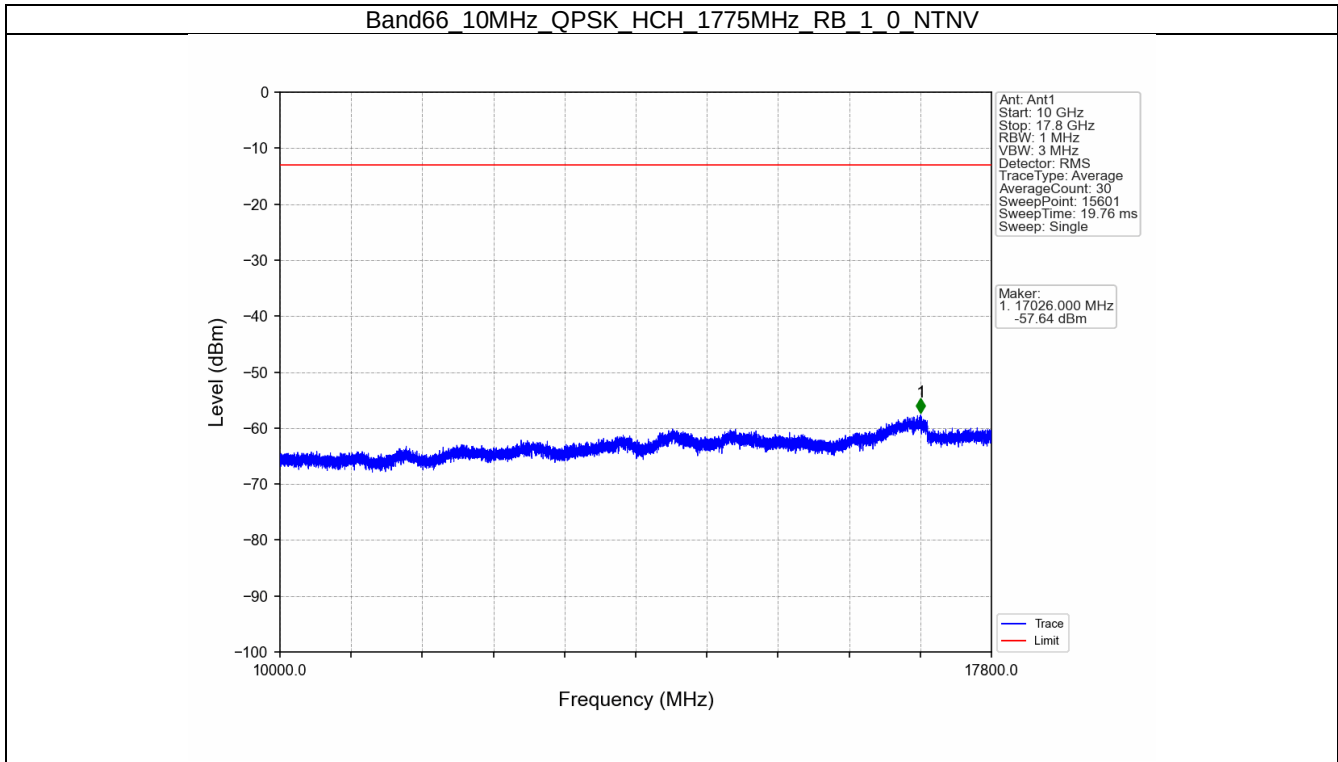


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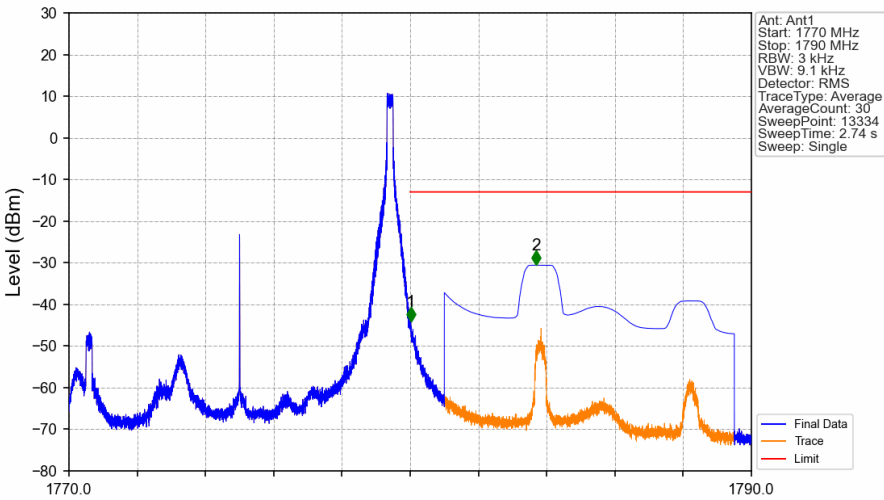
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Band66_10MHz_QPSK_HCH_1775MHz_RB_1_49_NTNV



Frequency (MHz)								
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.003	/	1	1780.017	-44.15	-13	Pass
1780	1781	0.003	/	2	1783.698	-30.59	-13	Pass



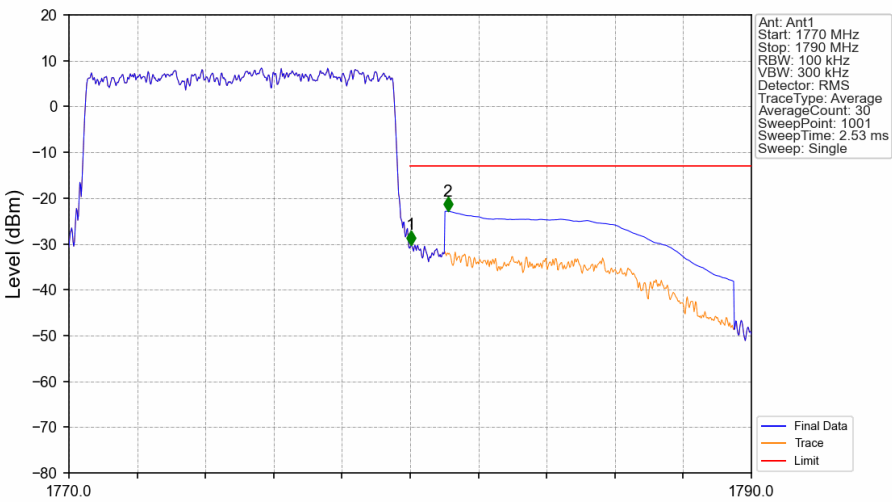
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Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.1	/	1	1780.020	-30.18	-13	Pass
1780	1781	0.1	/	2	1781.100	-22.86	-13	Pass



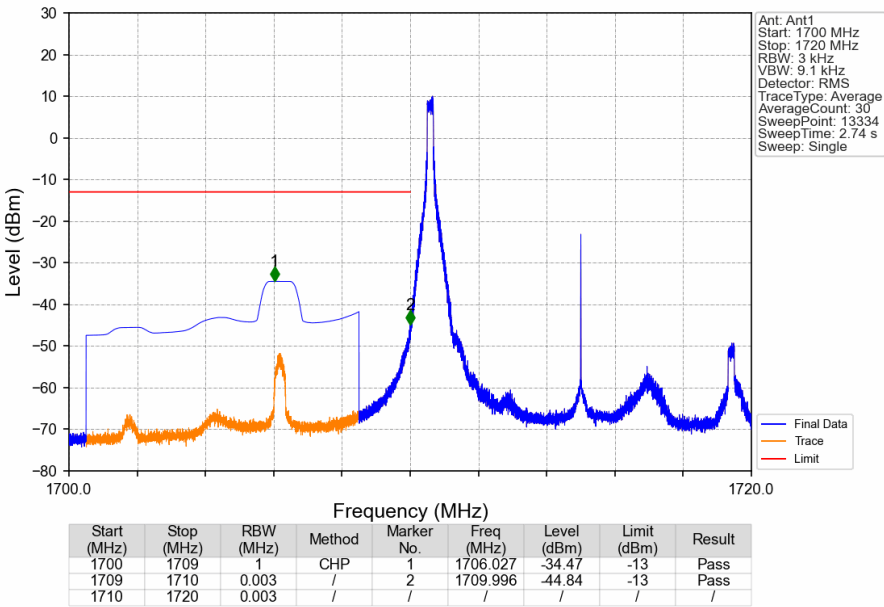
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Band66_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



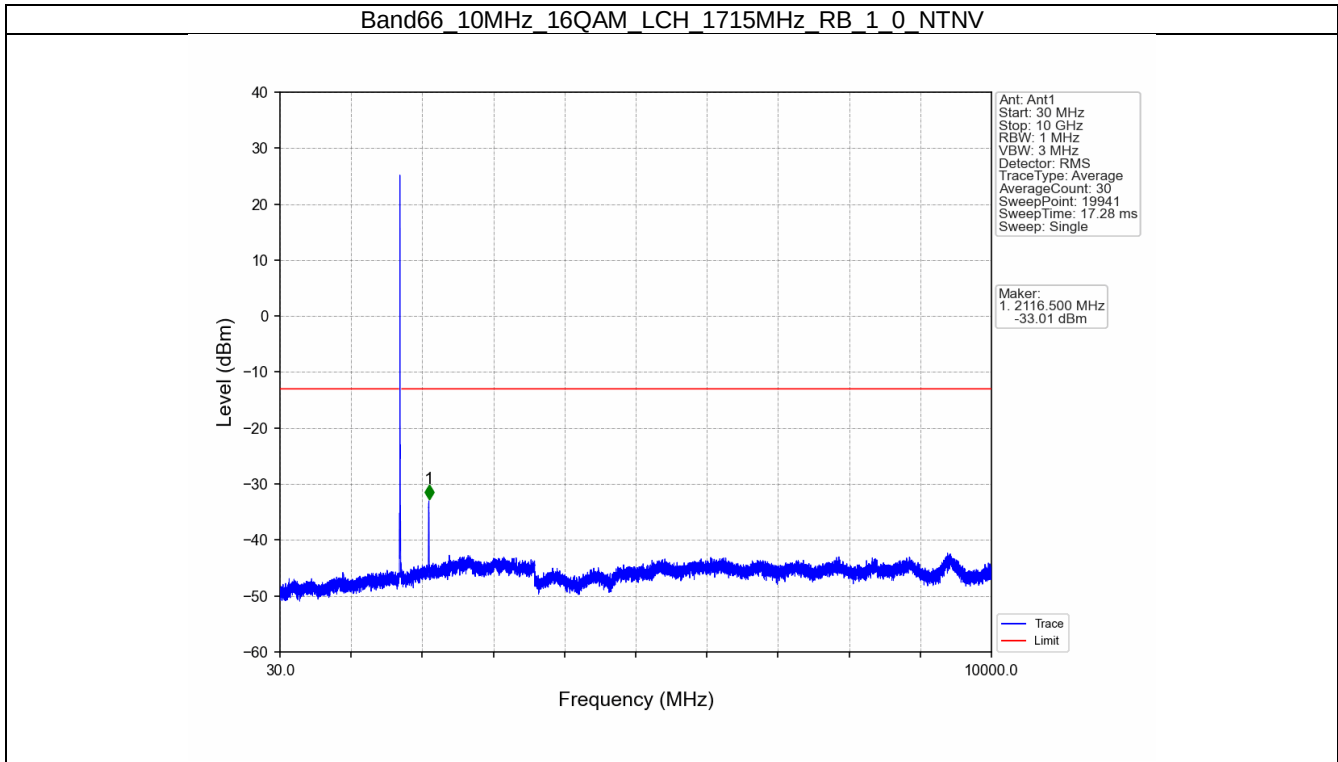


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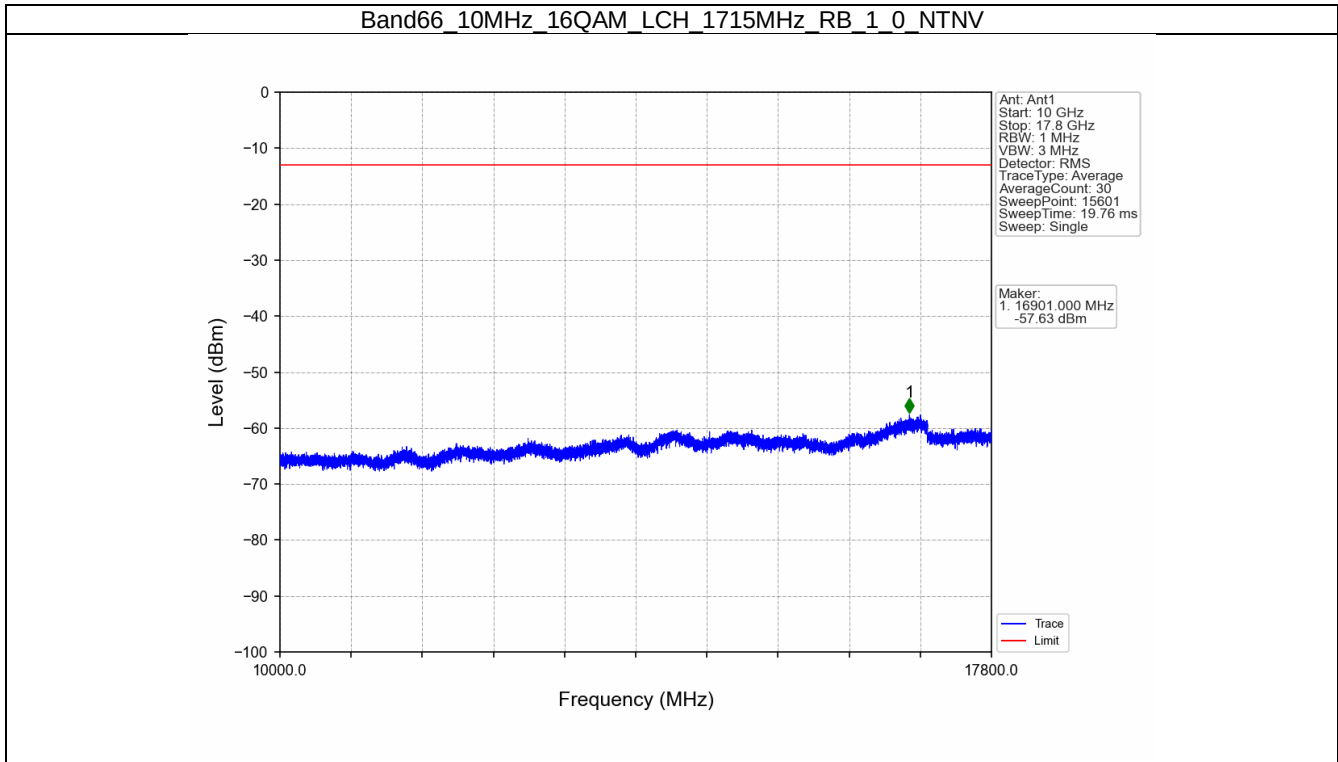


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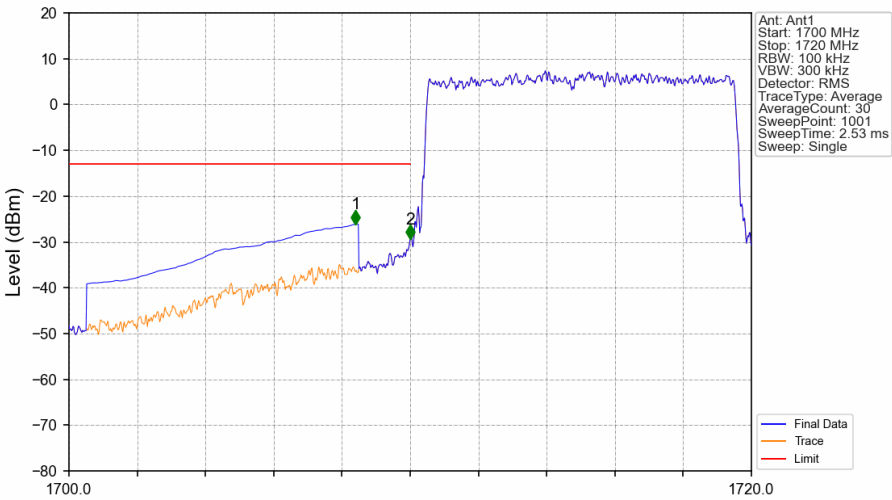
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Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Frequency (MHz)								
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.400	-26.13	-13	Pass
1709	1710	0.1	/	2	1710.000	-29.42	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

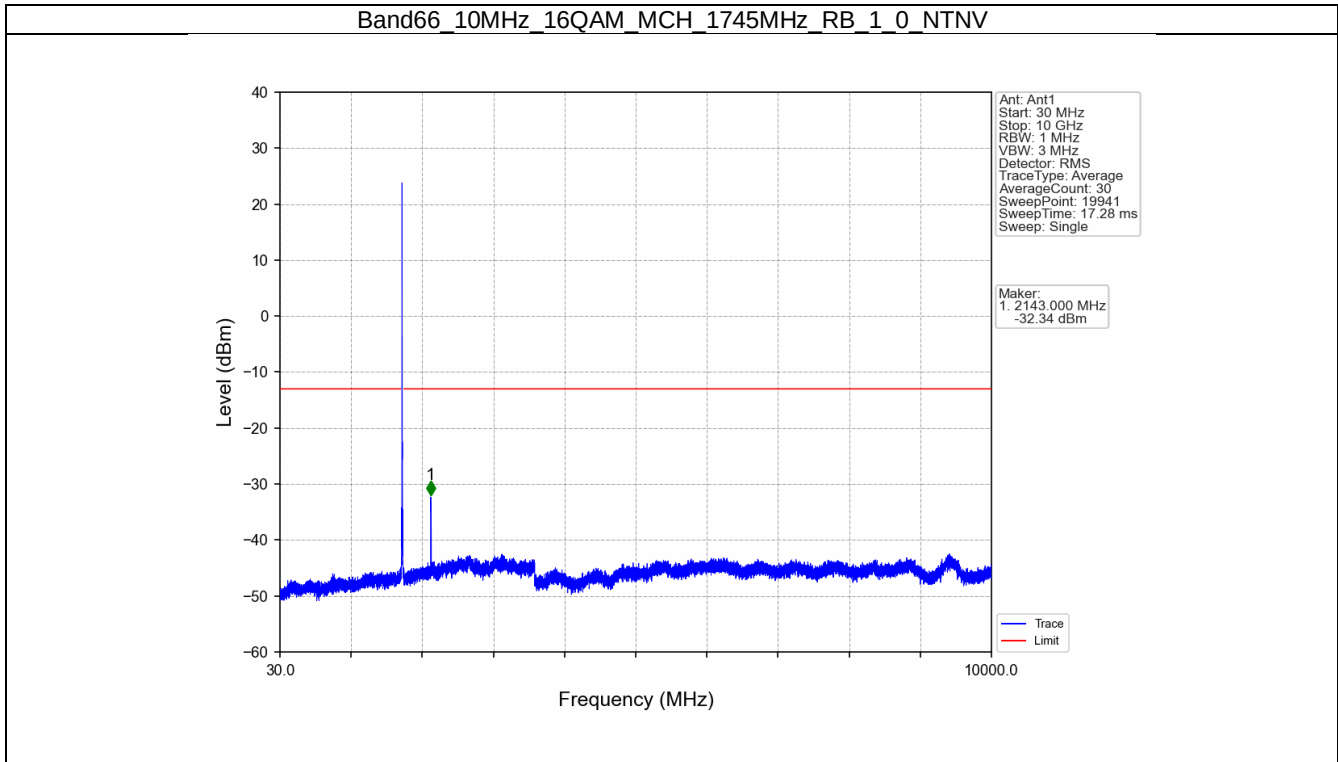


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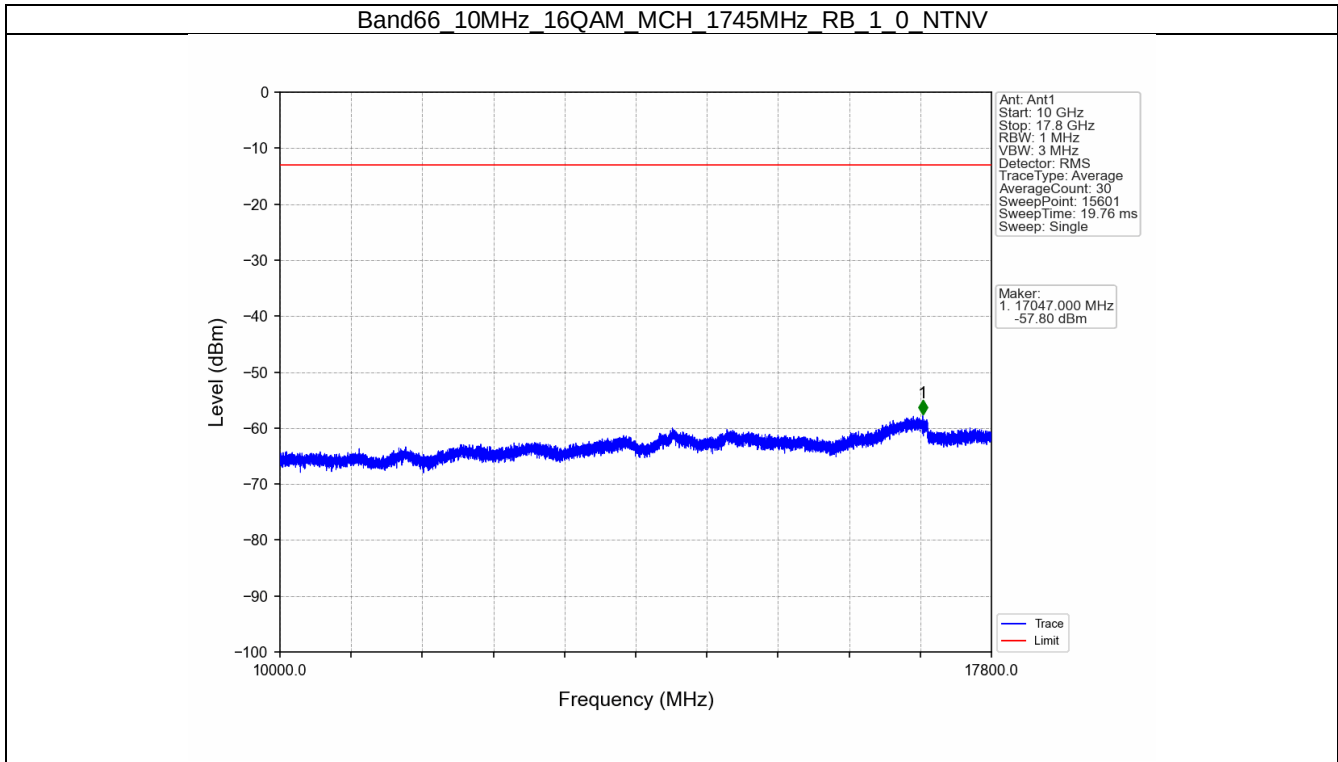


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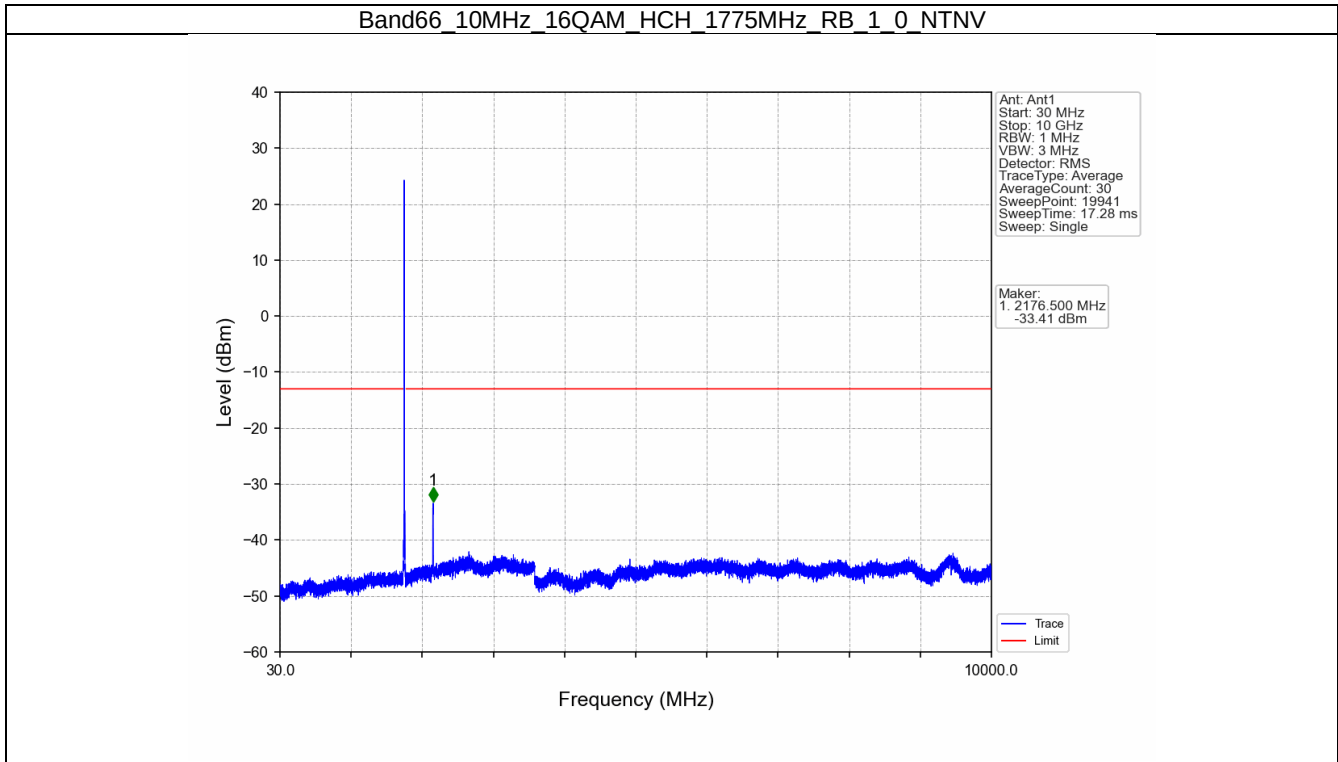


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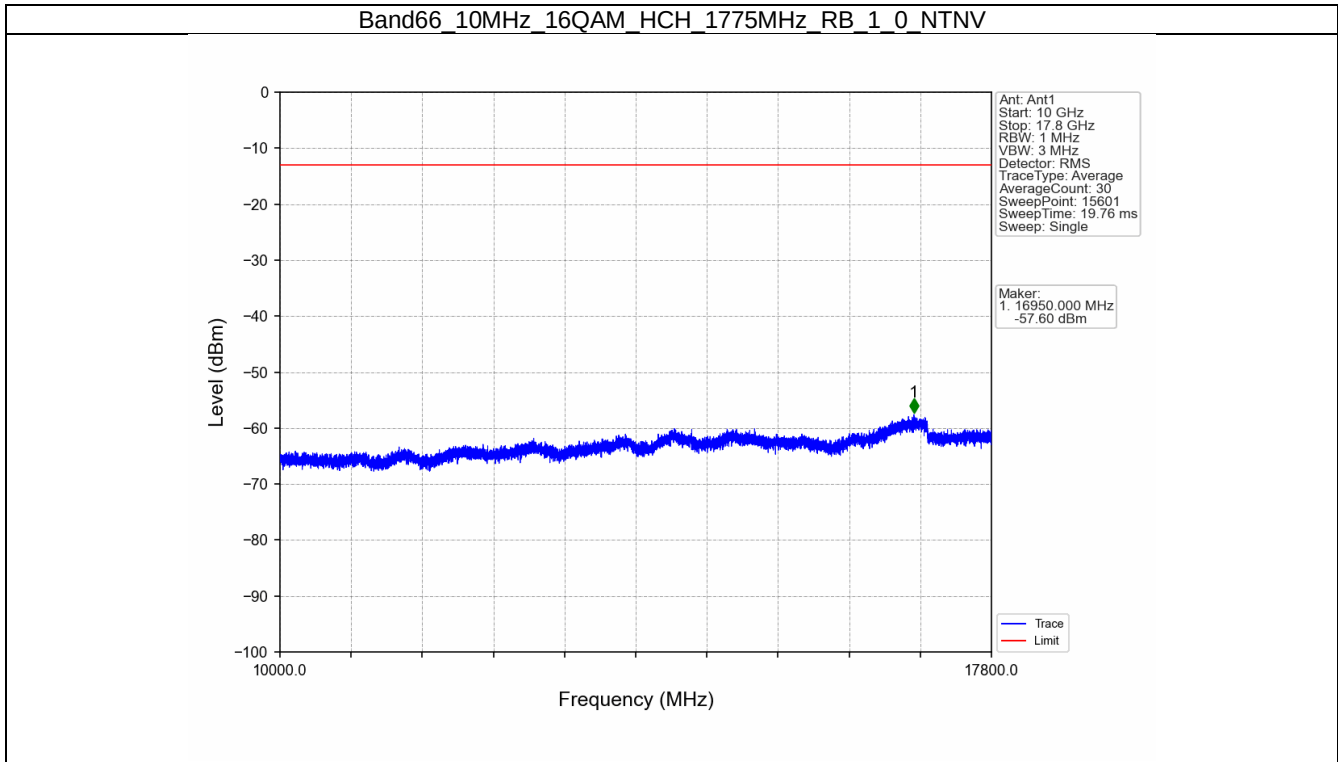


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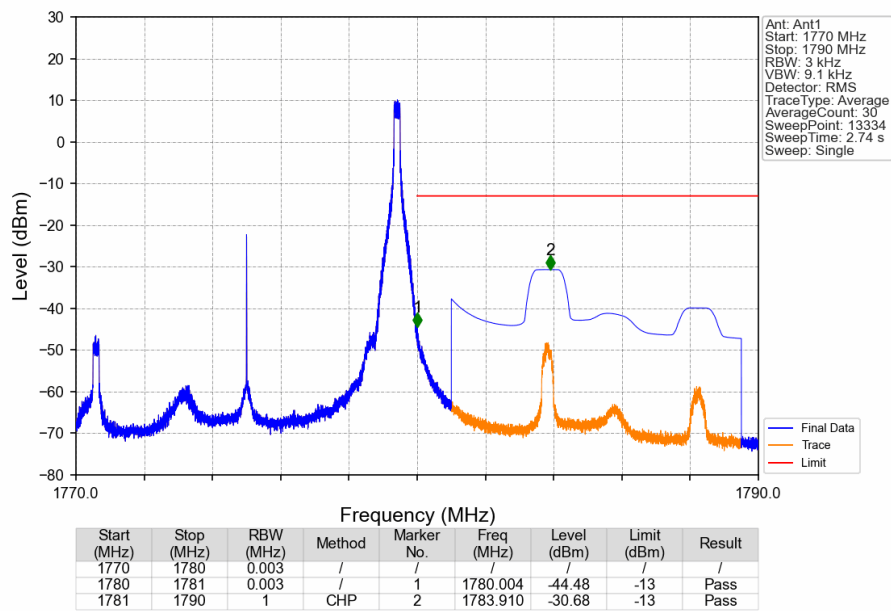
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Band66_10MHz_16QAM_HCH_1775MHz_RB_1_49_NTNV





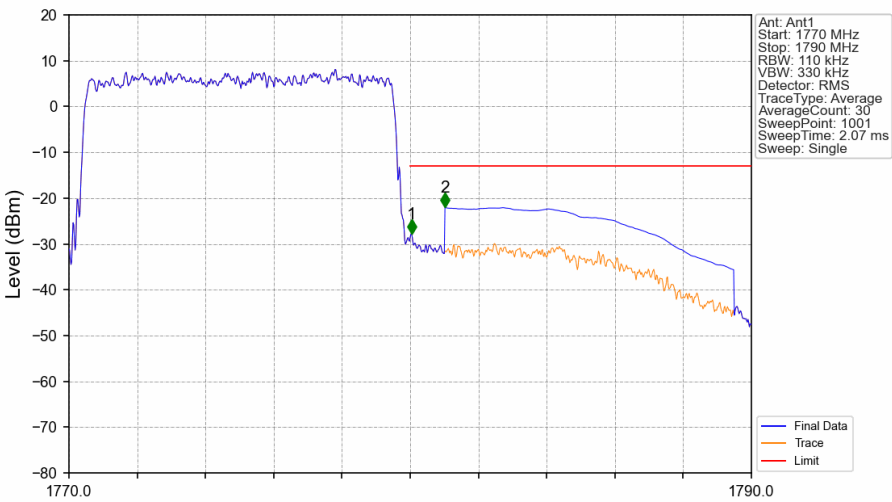
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Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.11	/	1	1780.040	-27.76	-13	Pass
1780	1781	0.11	/	2	1781.020	-22.05	-13	Pass
1781	1790	1	CHP					



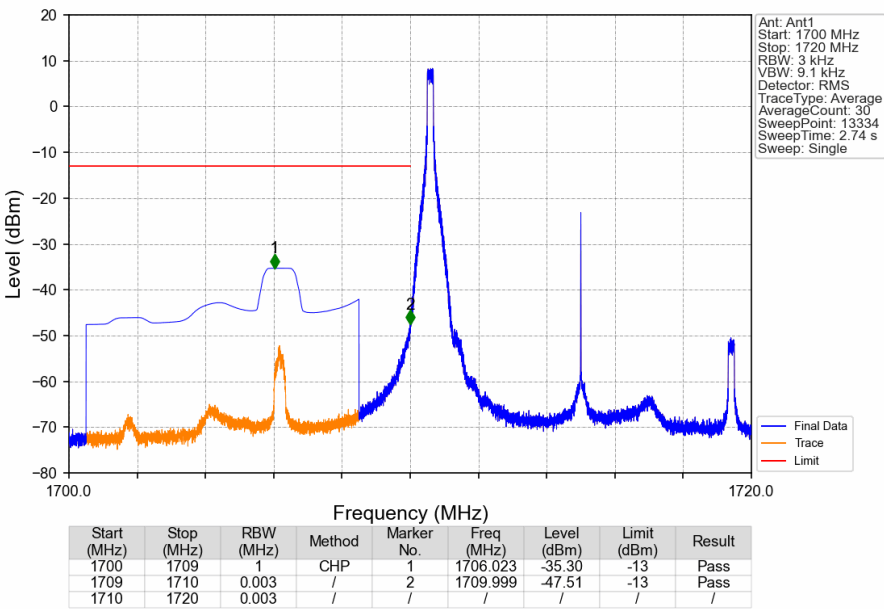
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Band66_10MHz_64QAM_LCH_1715MHz_RB_1_0_NTNV



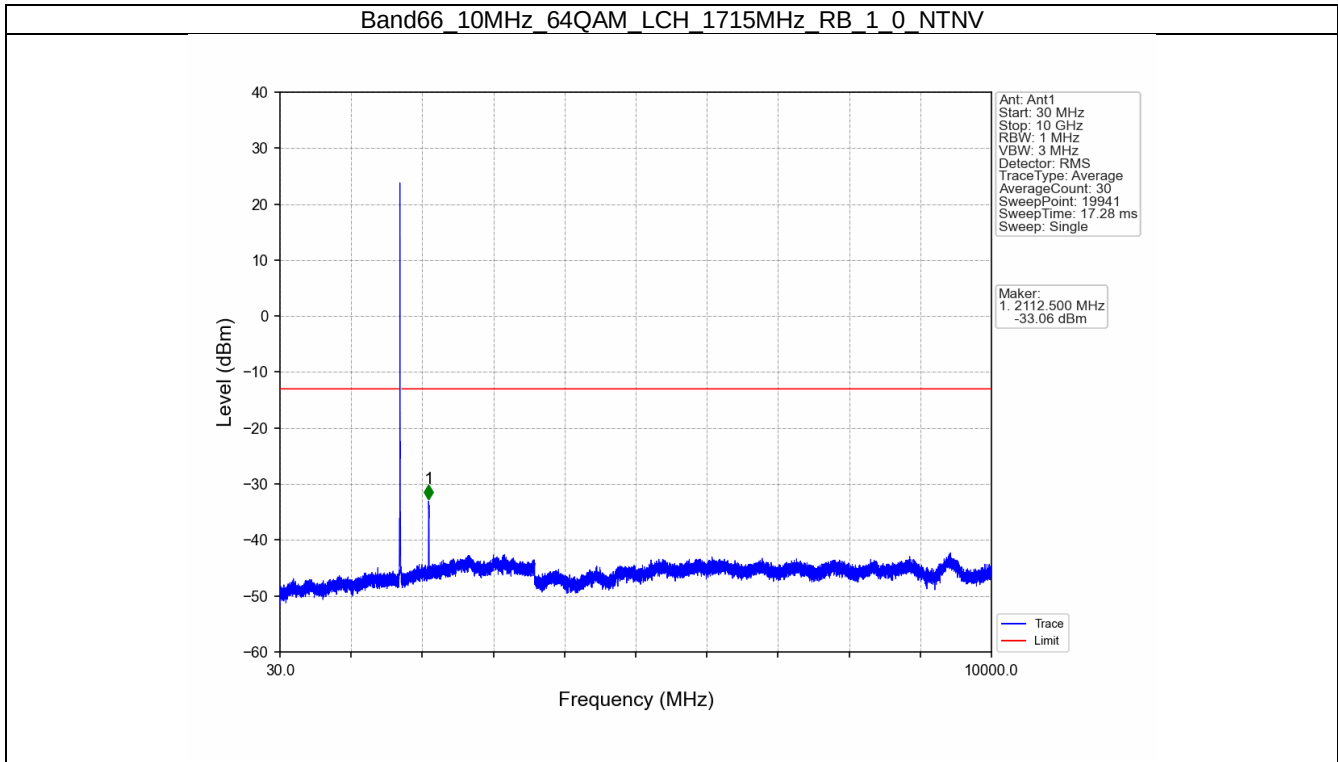


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