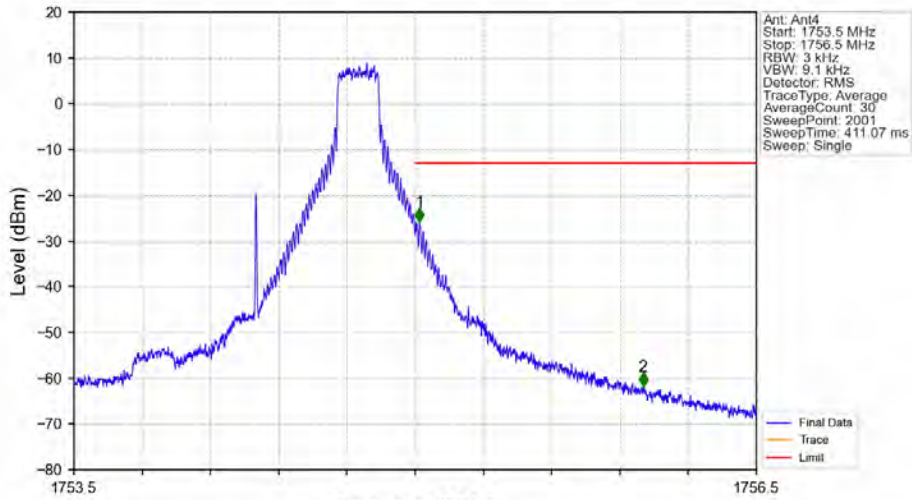


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Band4\_1.4MHz\_QPSK\_HCH\_1754.3MHz\_RB\_1\_5\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.020	-25.87	-13	Pass
1756	1756.5	1	/	2	1756.002	-61.83	-13	Pass



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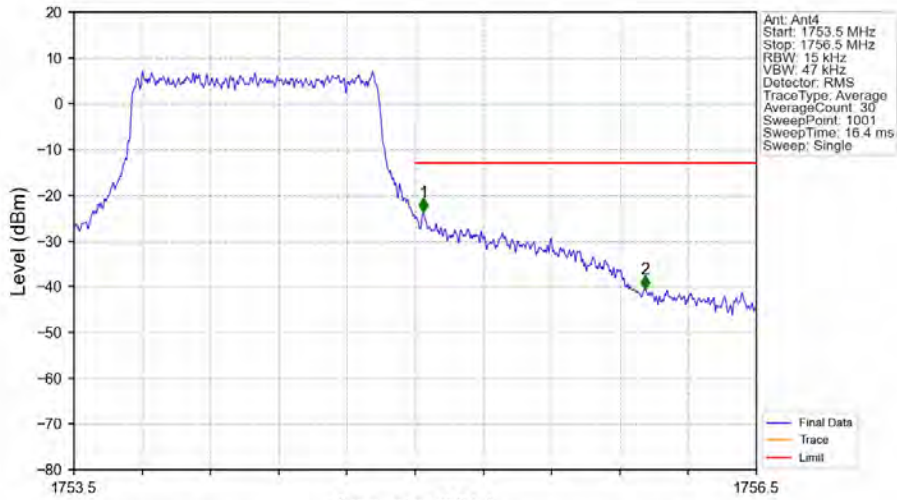
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Band4\_1.4MHz\_QPSK\_HCH\_1754.3MHz\_RB\_6\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.015	/	/	/	/	/	/
1755	1756	0.015	/	1	1755.036	-23.82	-13	Pass
1756	1756.5	1	/	2	1756.011	-40.58	-13	Pass



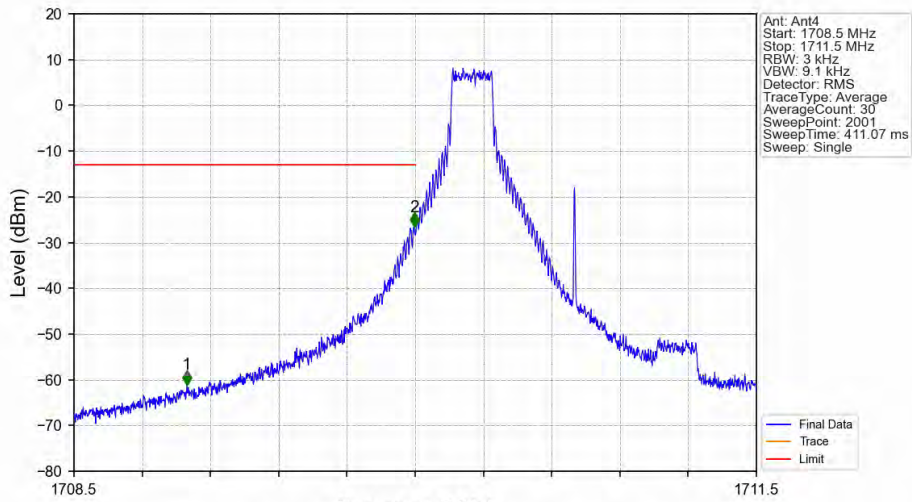
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Band4\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.996	-61.05	-13	Pass
1709	1710	0.003	/	2	1709.995	-26.55	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/



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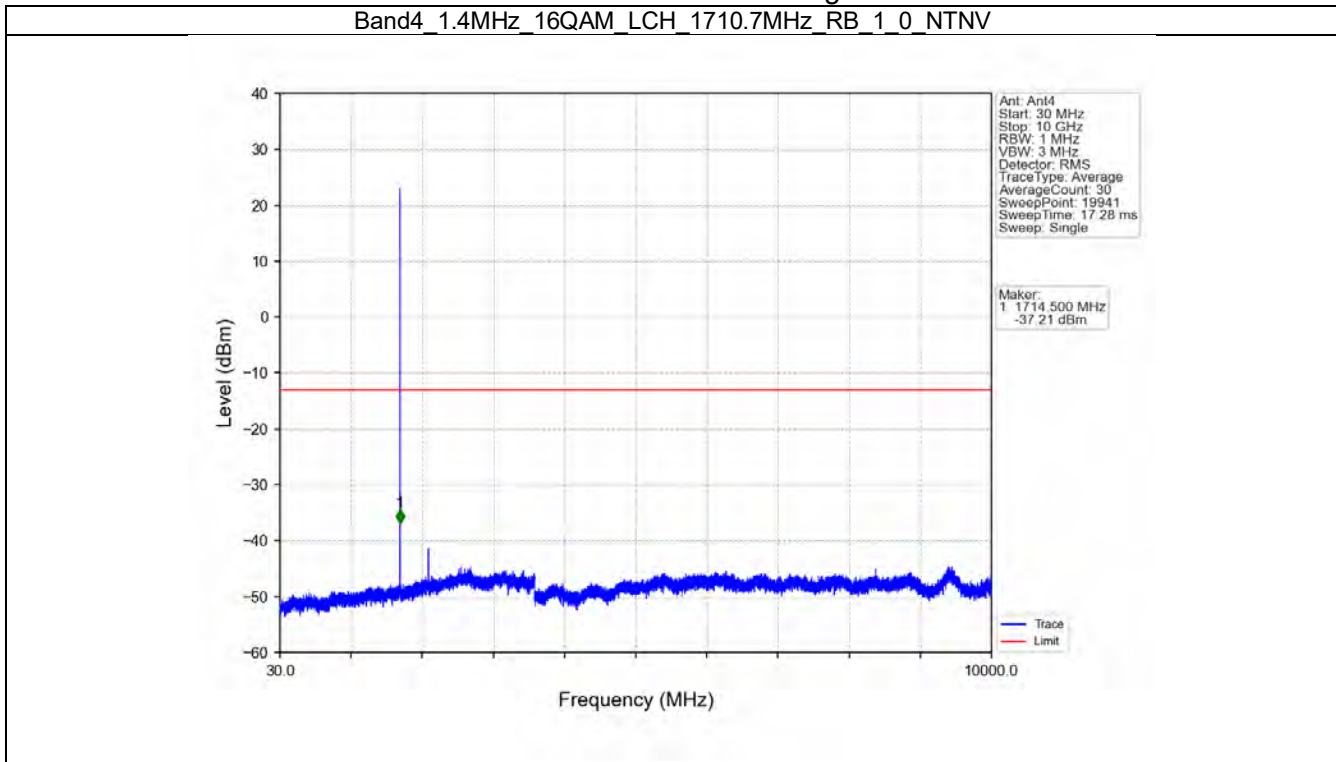
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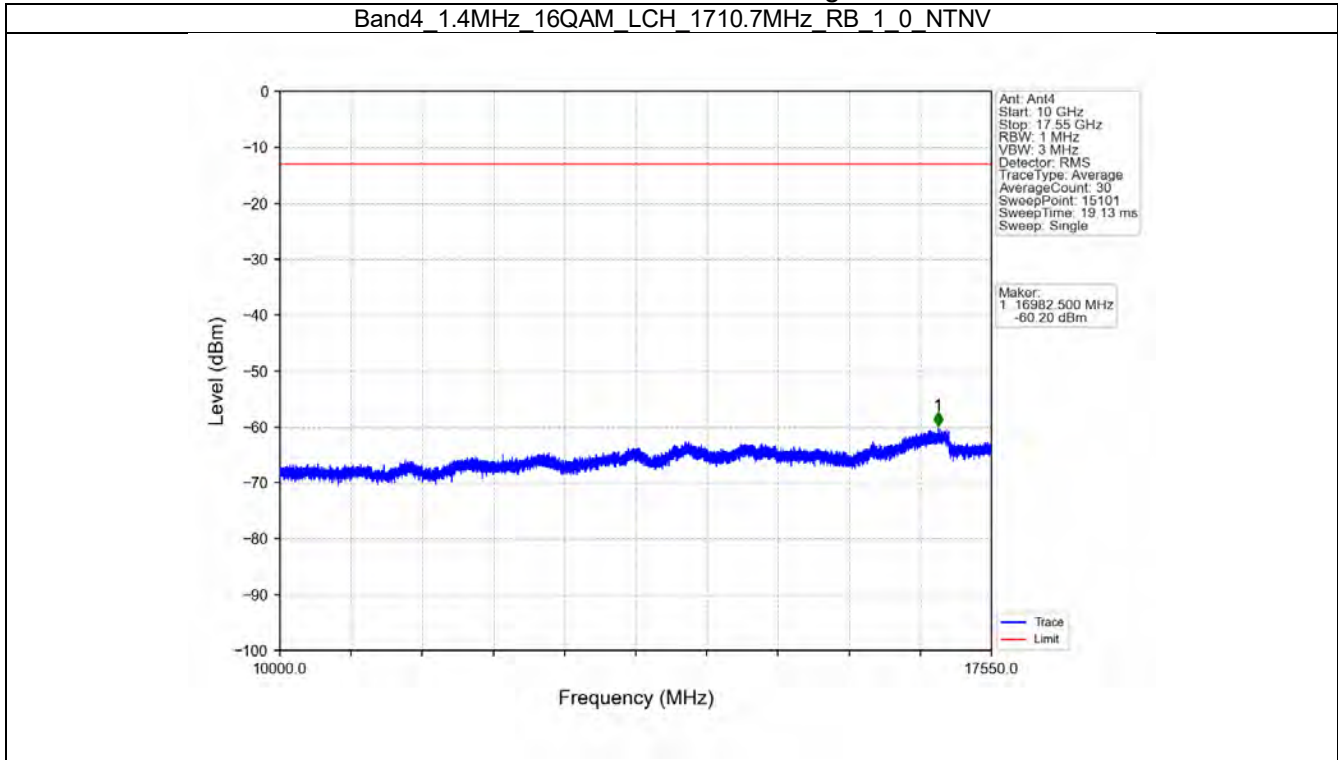


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Band4\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV



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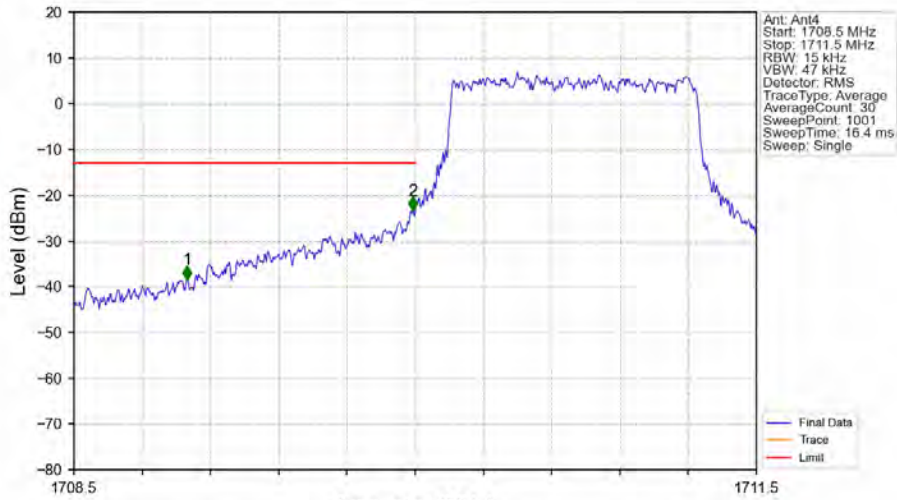
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Band4\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



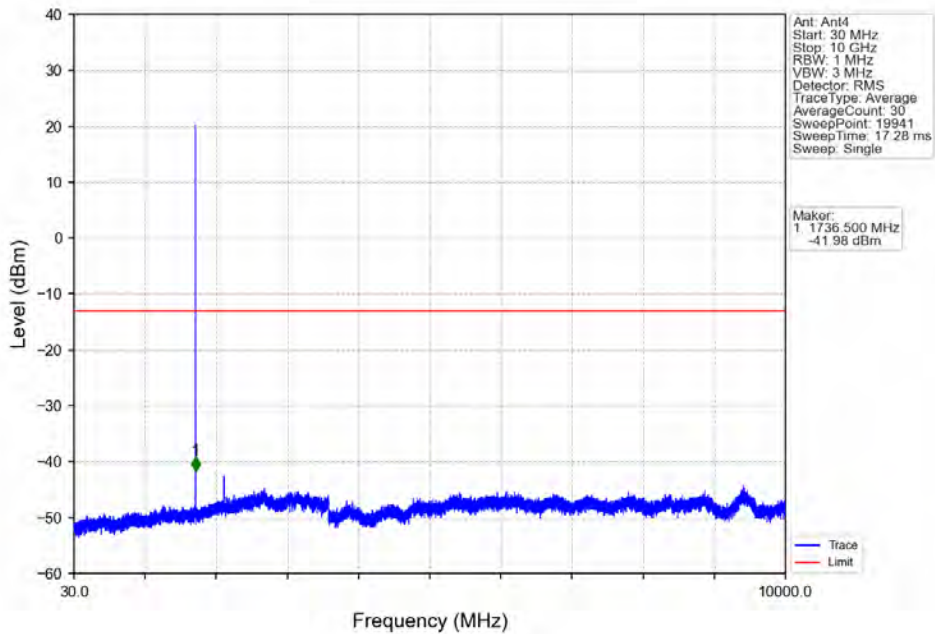
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.998	-38.46	-13	Pass
1709	1710	0.015	/	2	1709.991	-23.38	-13	Pass
1710	1711.5	0.015	/	/	/	/	/	/



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Band4\_1.4MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV

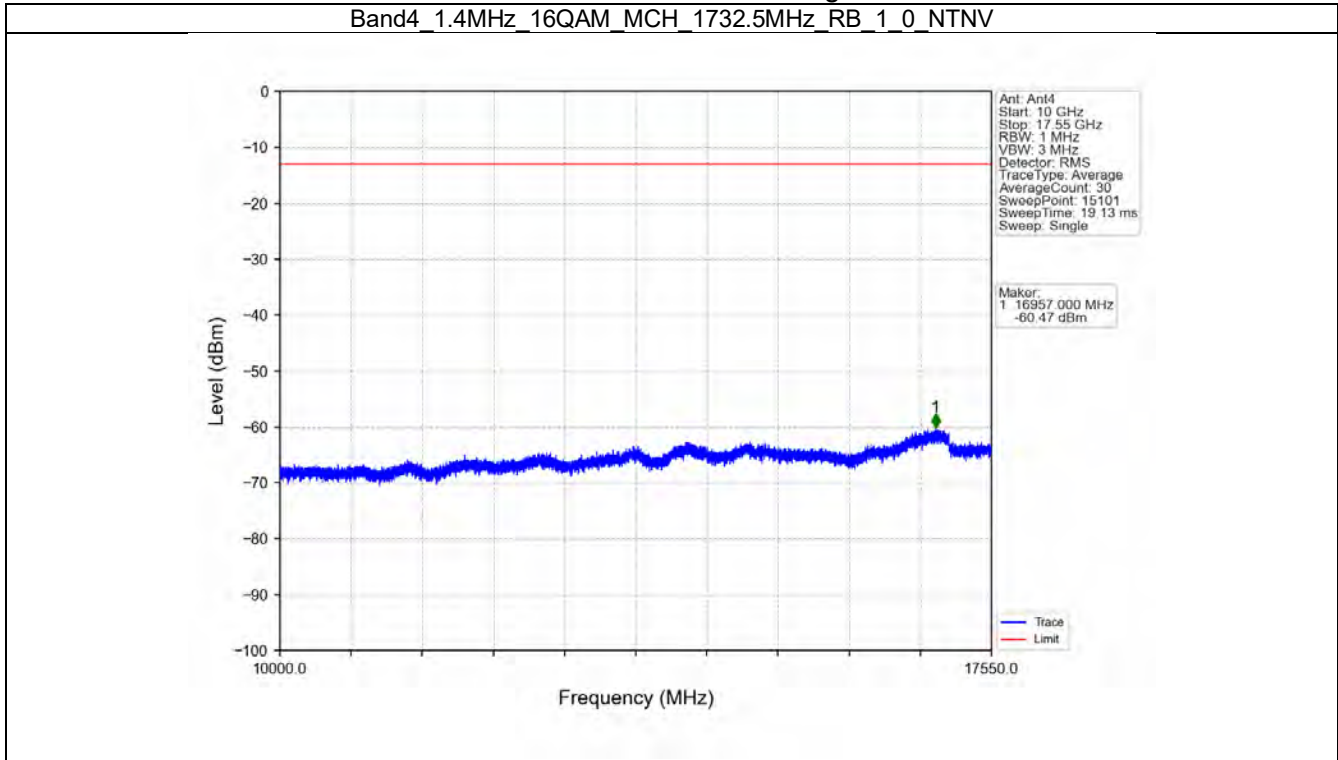


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Band4\_1.4MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



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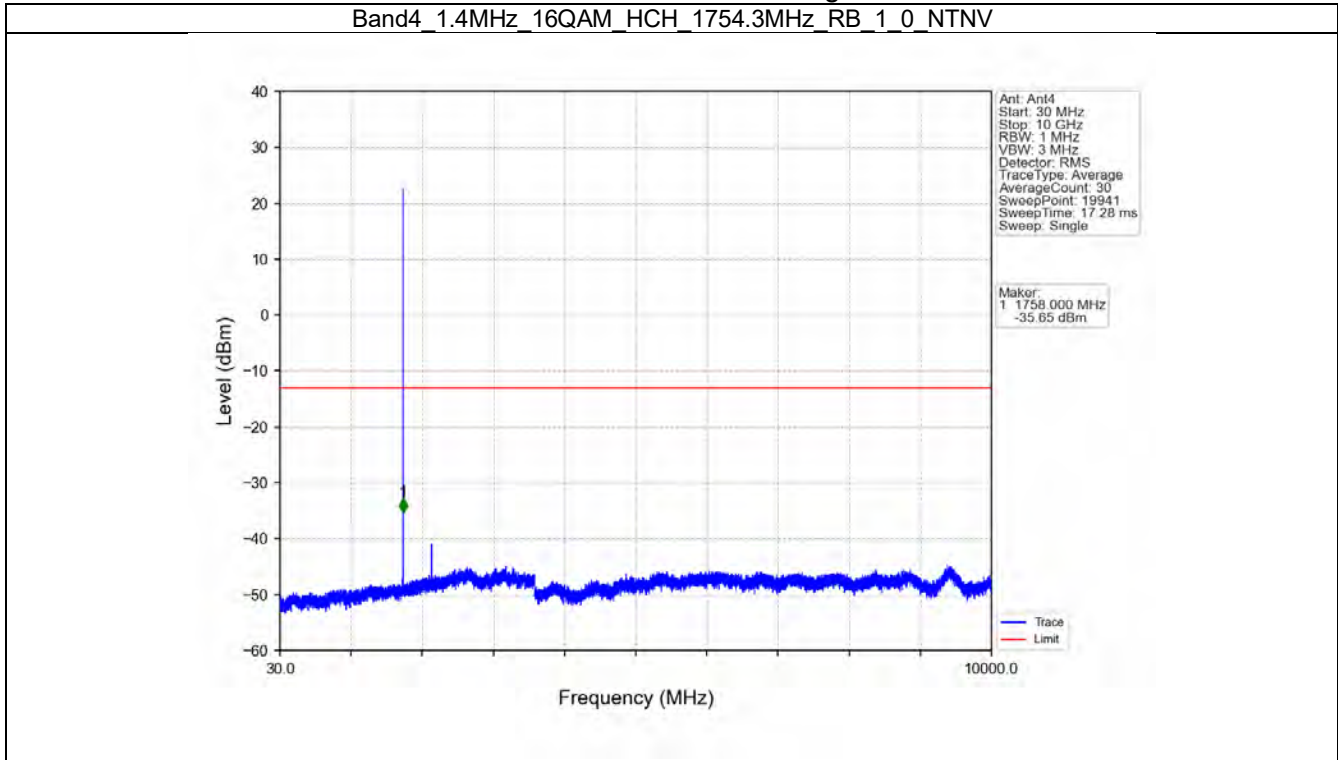


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Band4\_1.4MHz\_16QAM\_HCH\_1754.3MHz\_RB\_1\_0\_NTNV



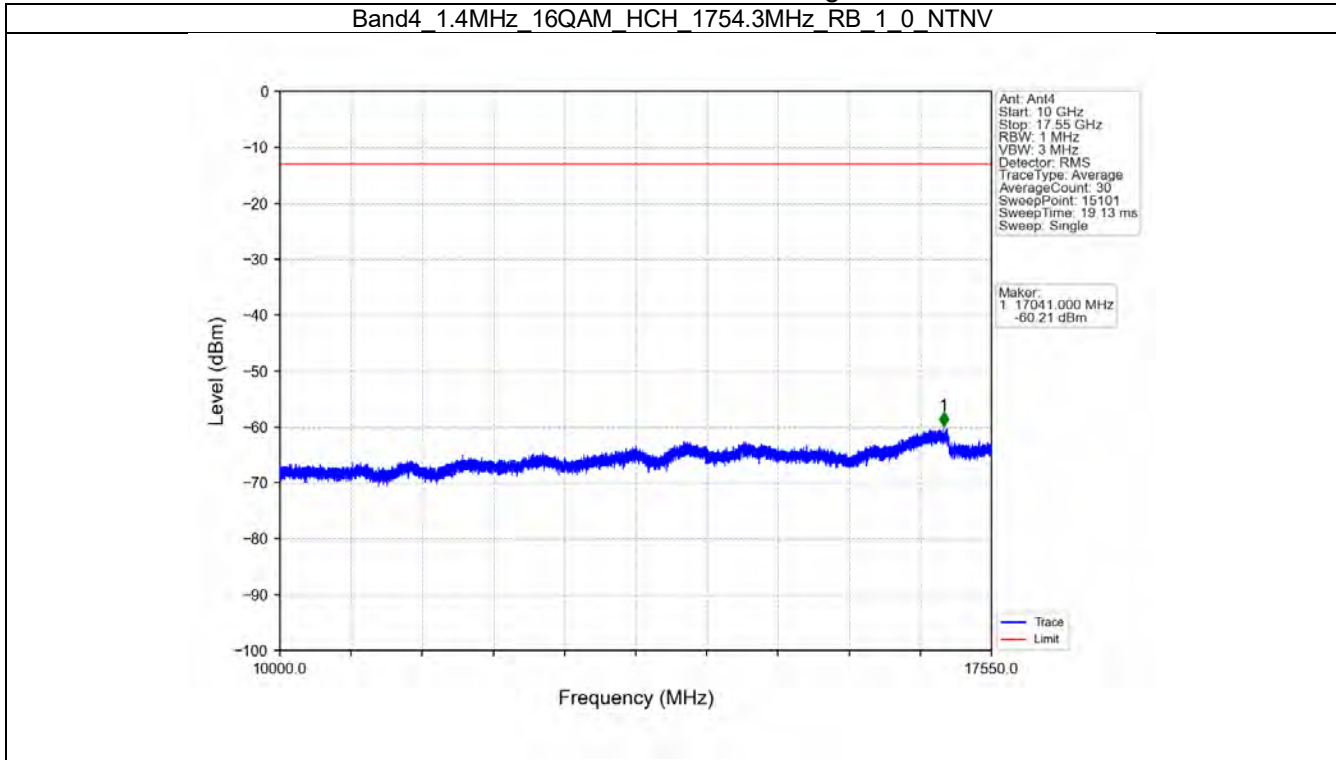
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Band4\_1.4MHz\_16QAM\_HCH\_1754.3MHz\_RB\_1\_0\_NTNV



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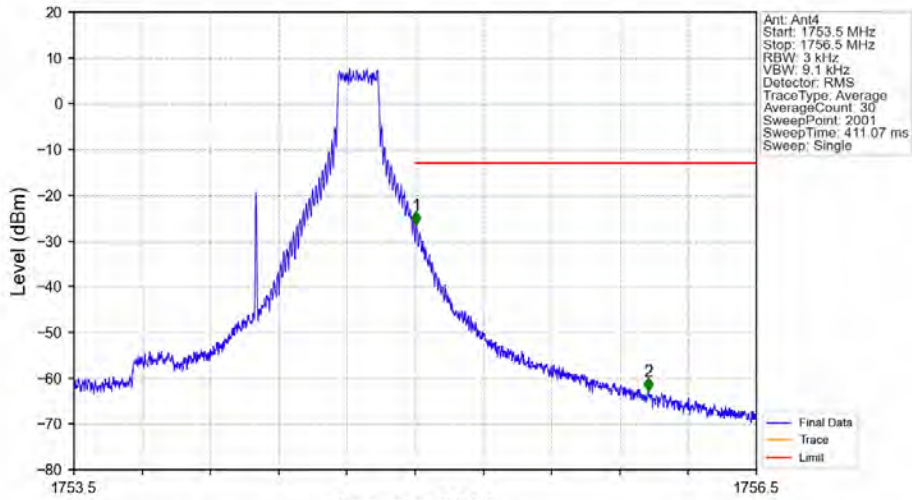
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Band4\_1.4MHz\_16QAM\_HCH\_1754.3MHz\_RB\_1\_5\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-26.51	-13	Pass
1756	1756.5	1	/	2	1756.024	-62.91	-13	Pass



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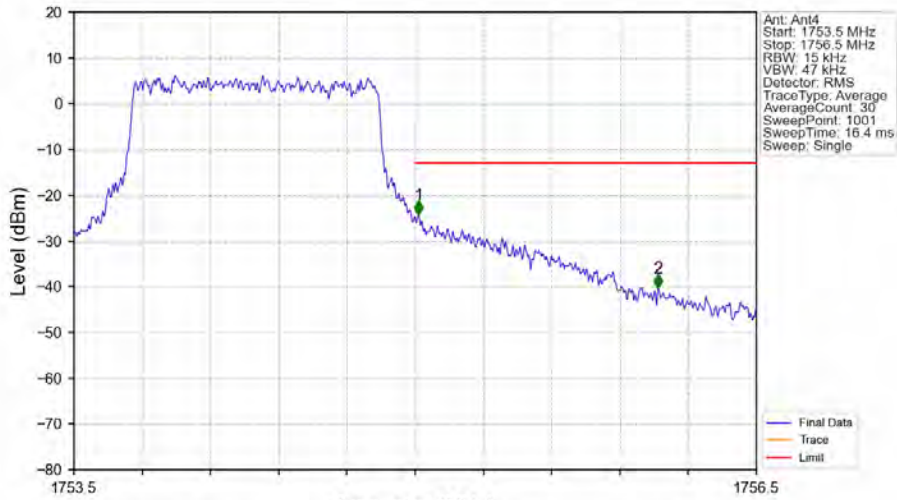
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Band4\_1.4MHz\_16QAM\_HCH\_1754.3MHz\_RB\_6\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.015	/	/	/	/	/	/
1755	1756	0.015	/	1	1755.015	-24.31	-13	Pass
1756	1756.5	1	/	2	1756.068	-40.39	-13	Pass



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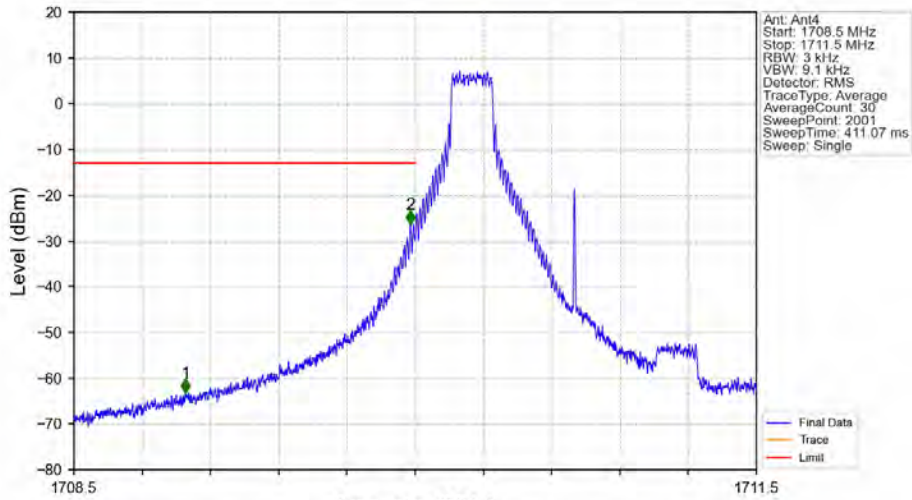
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Band4\_1.4MHz\_64QAM\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.991	-63.21	-13	Pass
1709	1710	0.003	/	2	1709.979	-26.38	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

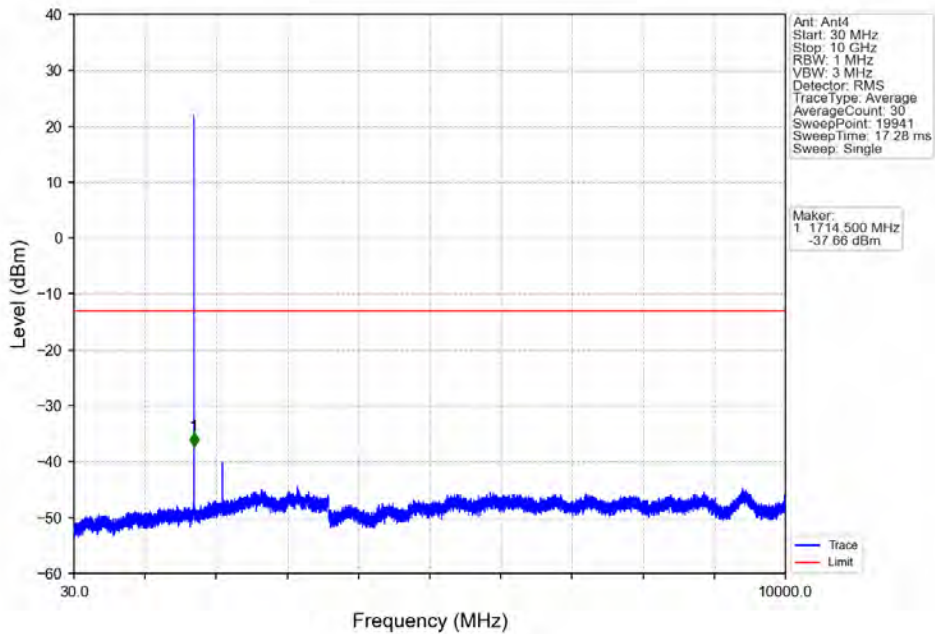


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Band4\_1.4MHz\_64QAM\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV

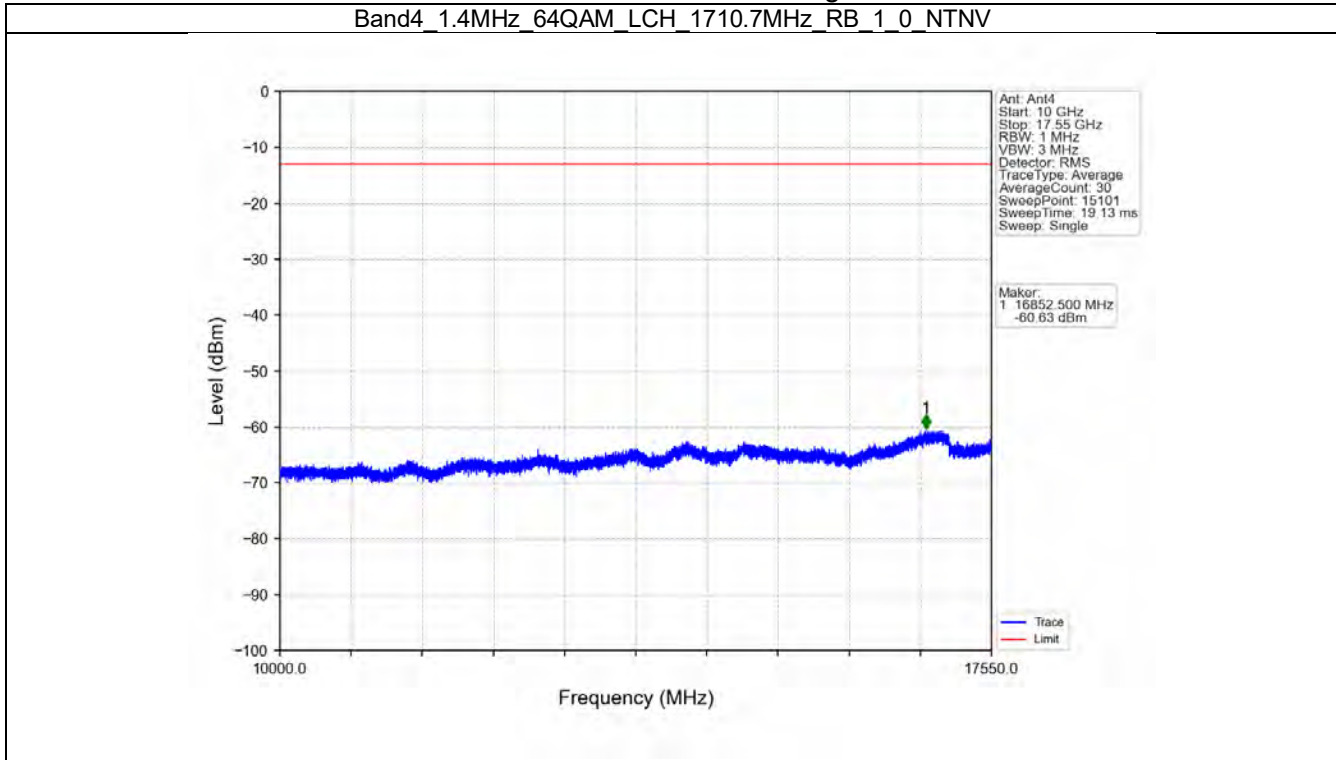


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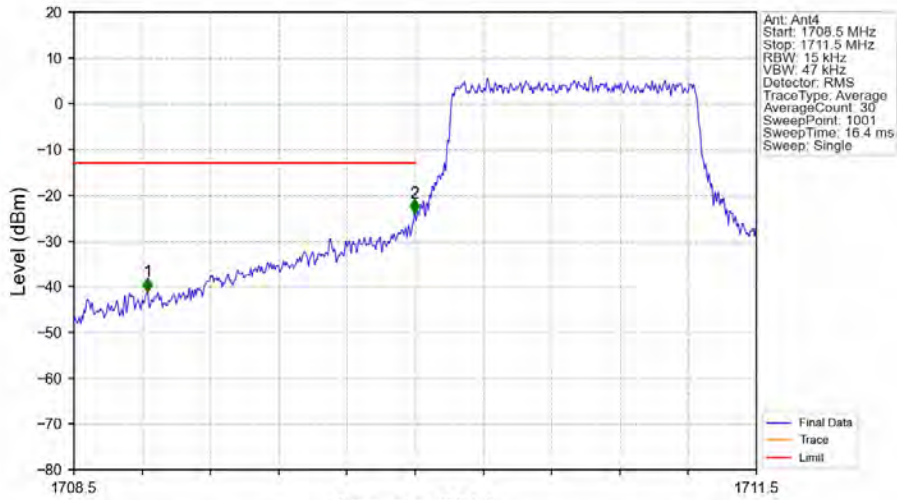
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Band4\_1.4MHz\_64QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.824	-41.13	-13	Pass
1709	1710	0.015	/	2	1709.997	-23.94	-13	Pass
1710	1711.5	0.015	/	/	/	/	/	/



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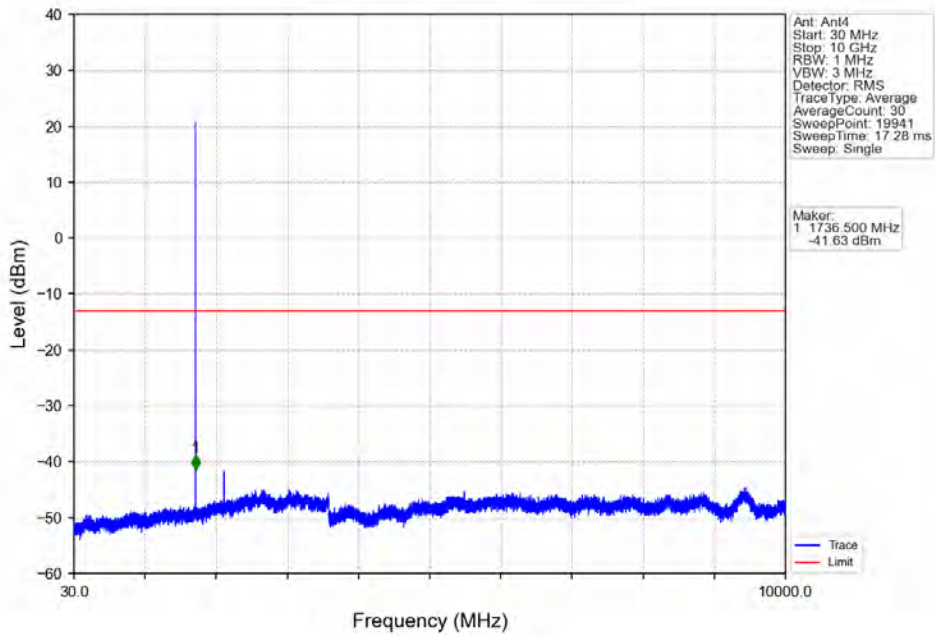
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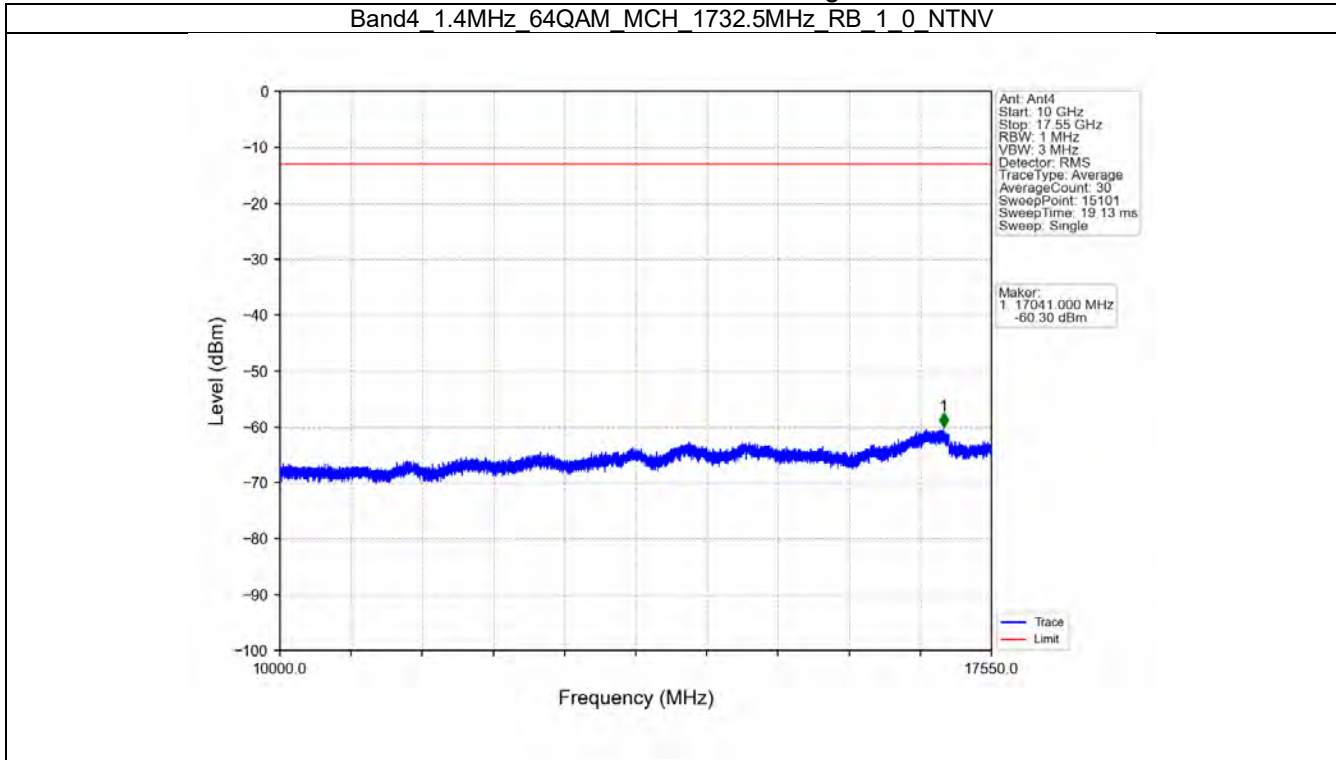
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Band4 1.4MHz 64QAM MCH\_1732.5MHz\_RB\_1\_0\_NTNV

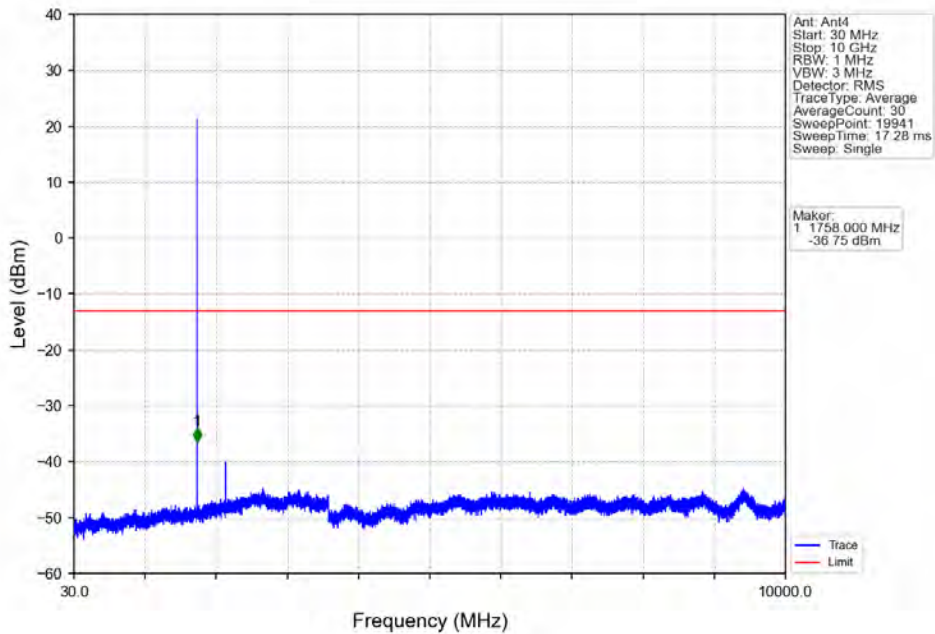


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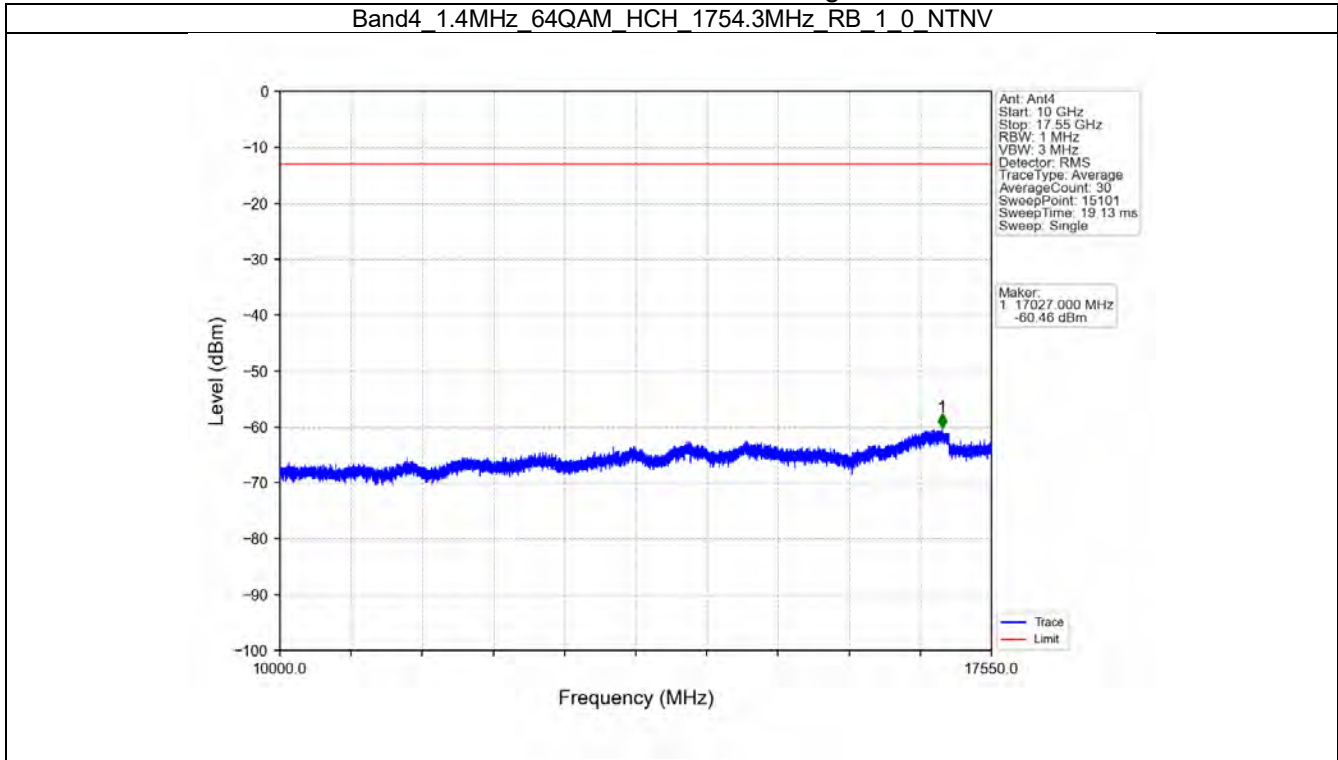


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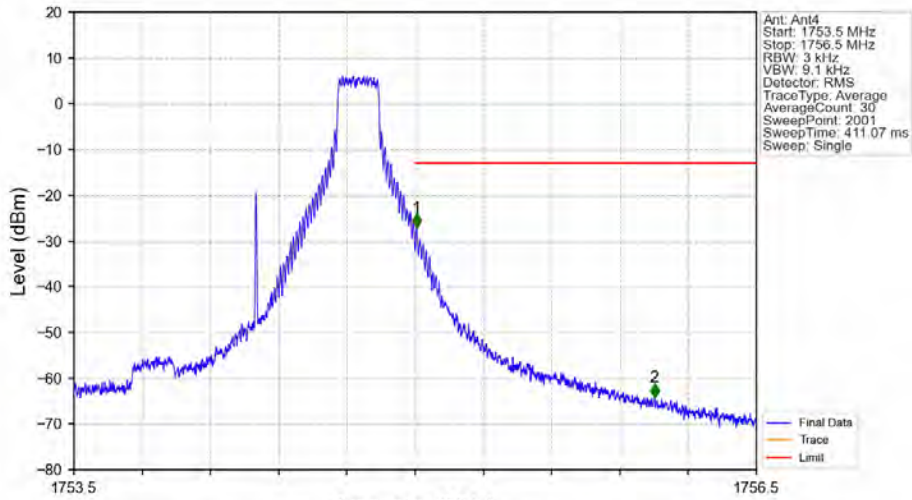


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Band4 1.4MHz 64QAM HCH 1754.3MHz\_RB 1 5 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.006	-27.06	-13	Pass
1756	1756.5	1	/	2	1756.052	-64.23	-13	Pass



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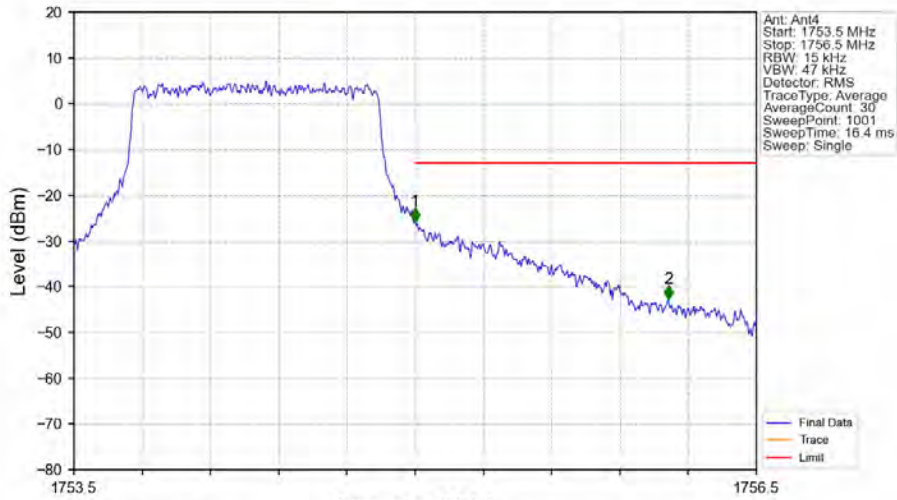
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Band4\_1.4MHz\_64QAM\_HCH\_1754.3MHz\_RB\_6\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.015	/	/	/	/	/	/
1755	1756	0.015	/	1	1755.000	-25.78	-13	Pass
1756	1756.5	1	/	2	1756.113	-42.73	-13	Pass



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5.2 B4\_3MHz

5.2.1 Test Result

Band: 4 / Bandwidth: 3MHz / NTNV						
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
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
64QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

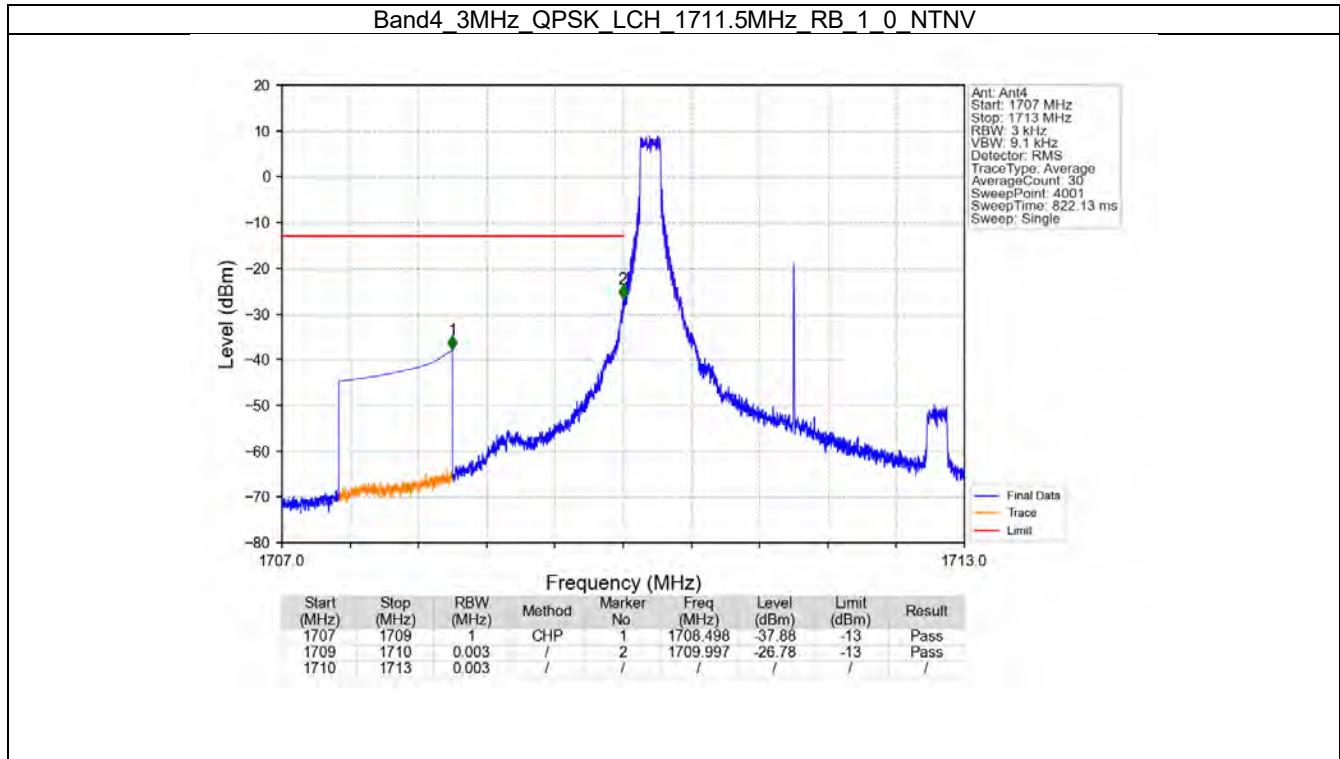


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5.2.2 Test Graph



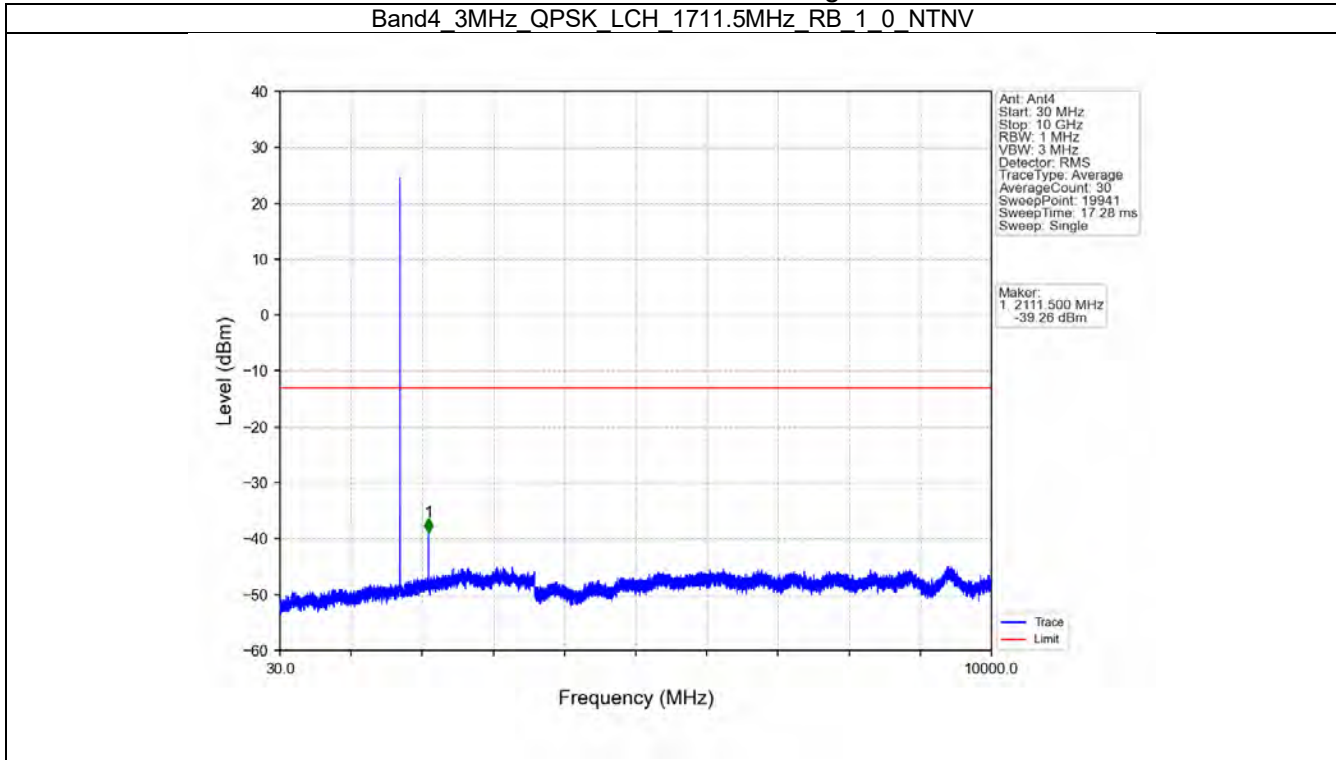
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Band4\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV

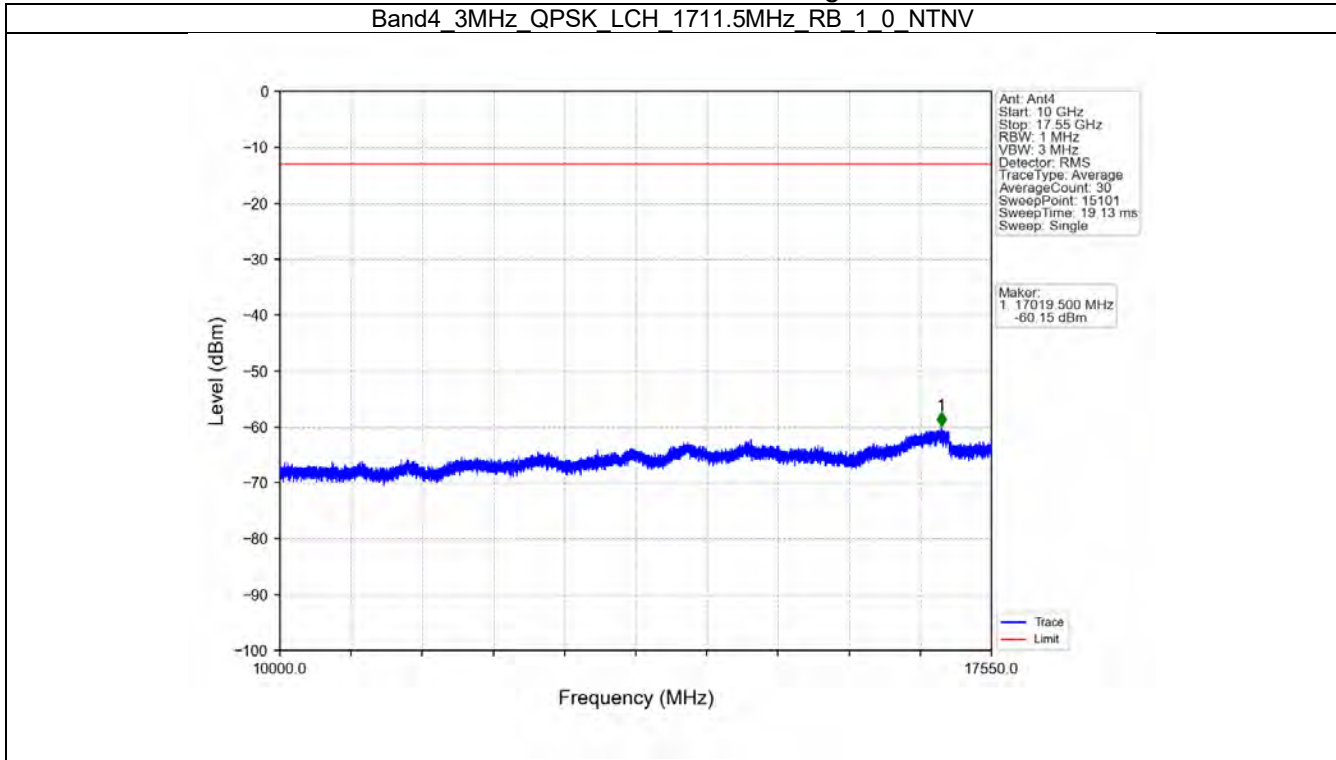


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Band4\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV



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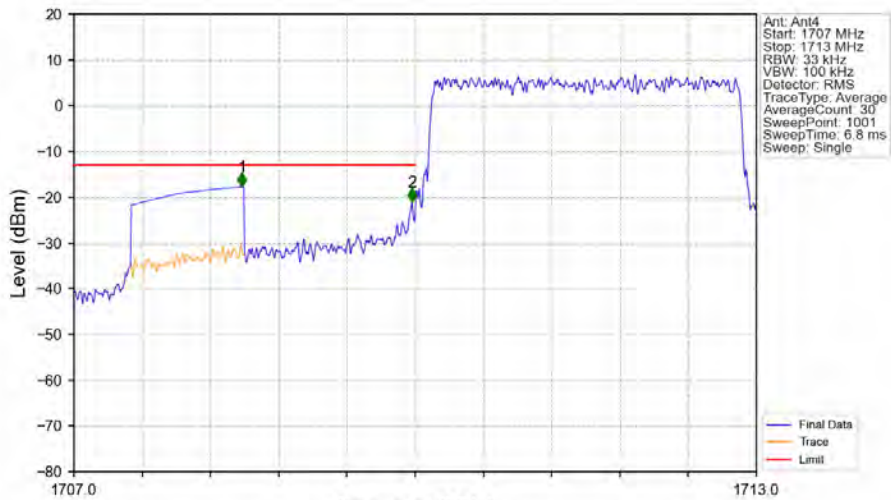
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Band4 3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.476	-17.79	-13	Pass
1709	1710	0.033	/	2	1709.970	-21.15	-13	Pass
1710	1713	0.033	/	/	/	/	/	/

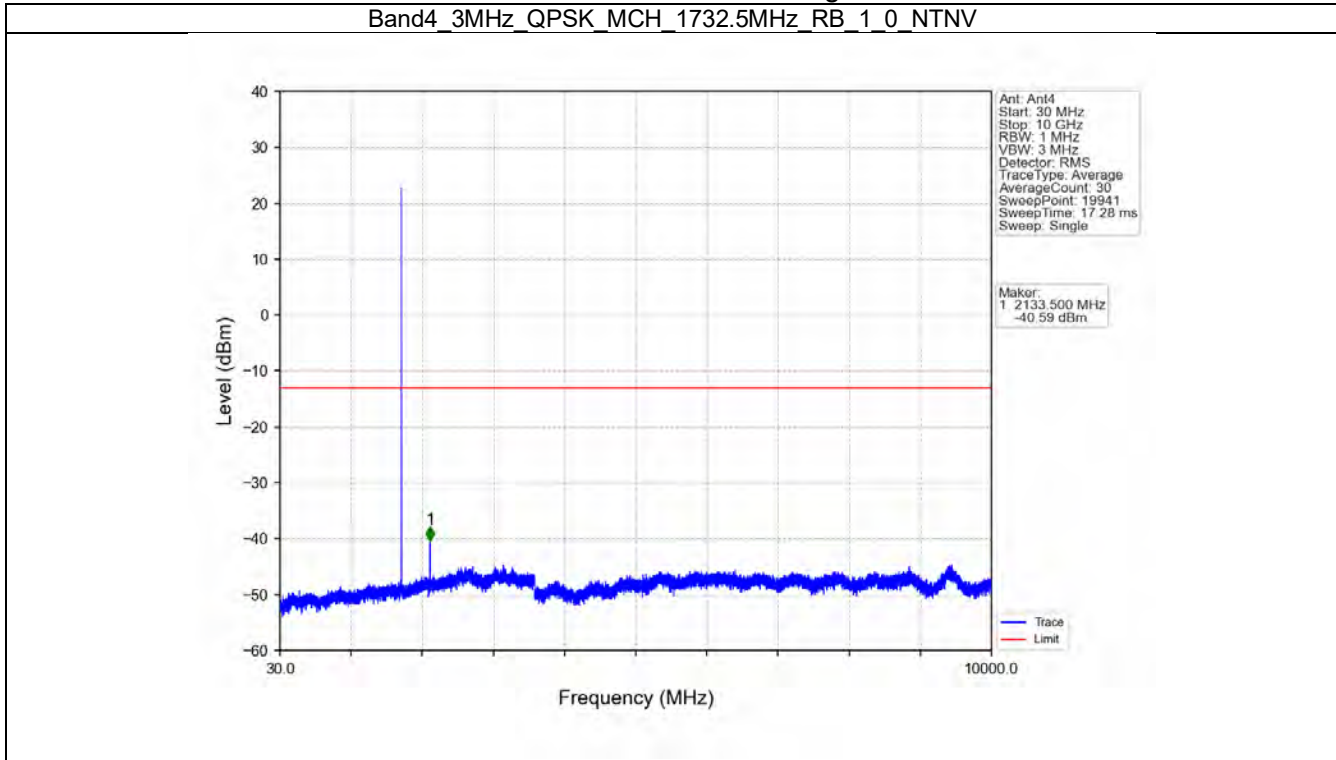


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Band4\_3MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



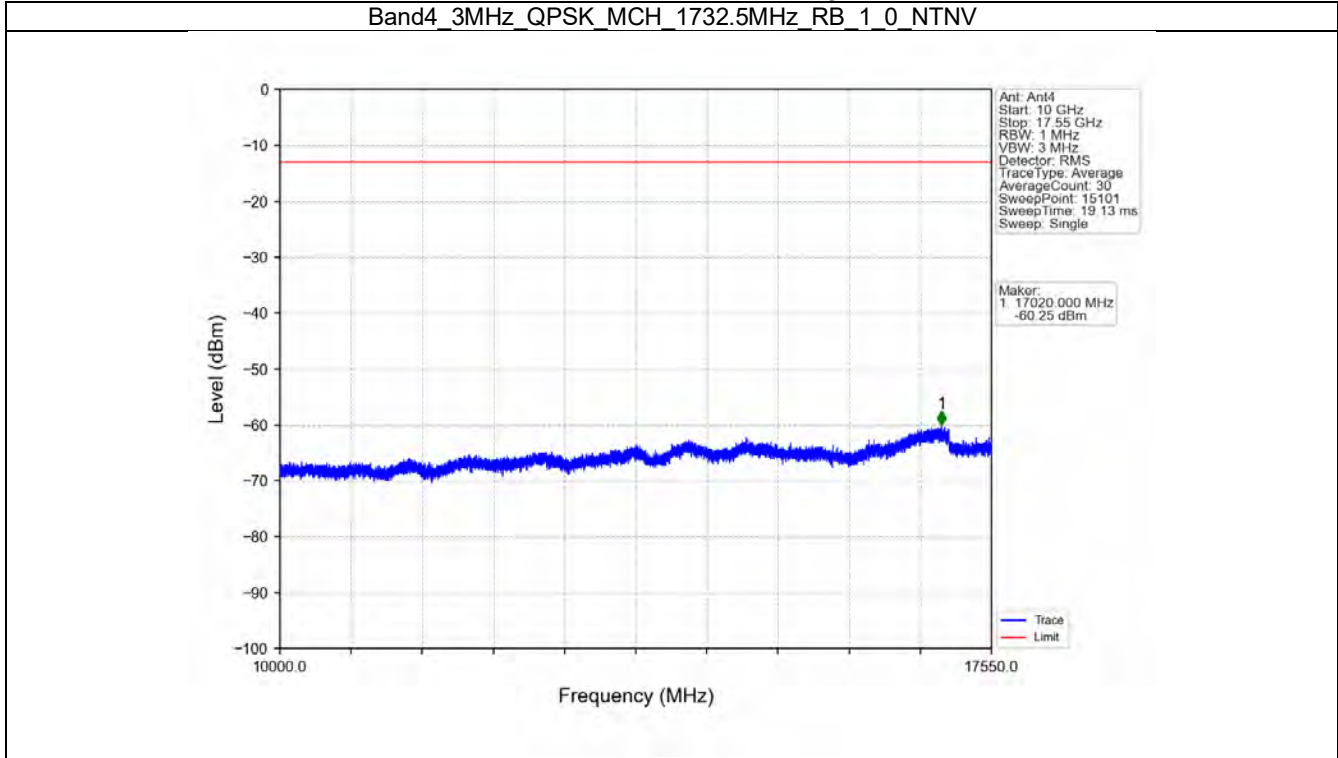
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Band4\_3MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



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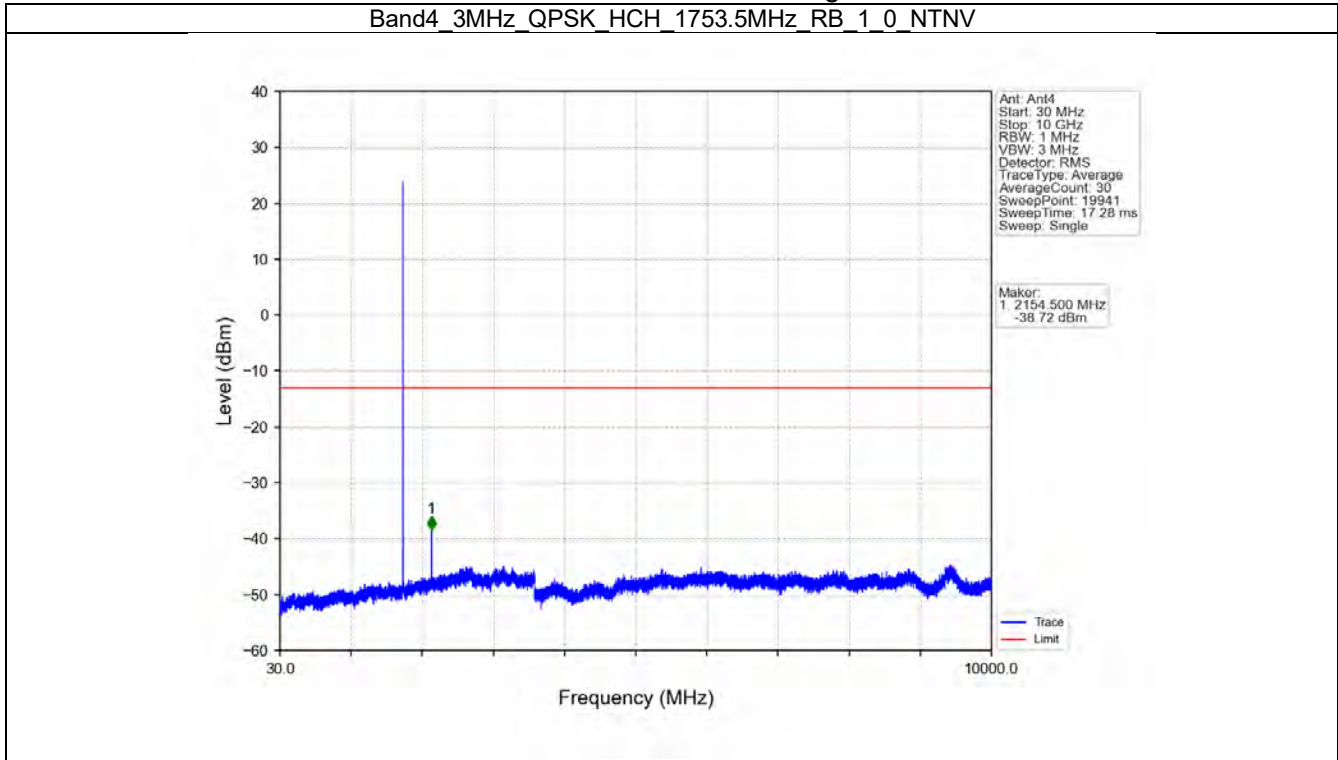
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Band4\_3MHz\_QPSK\_HCH\_1753.5MHz\_RB\_1\_0\_NTNV



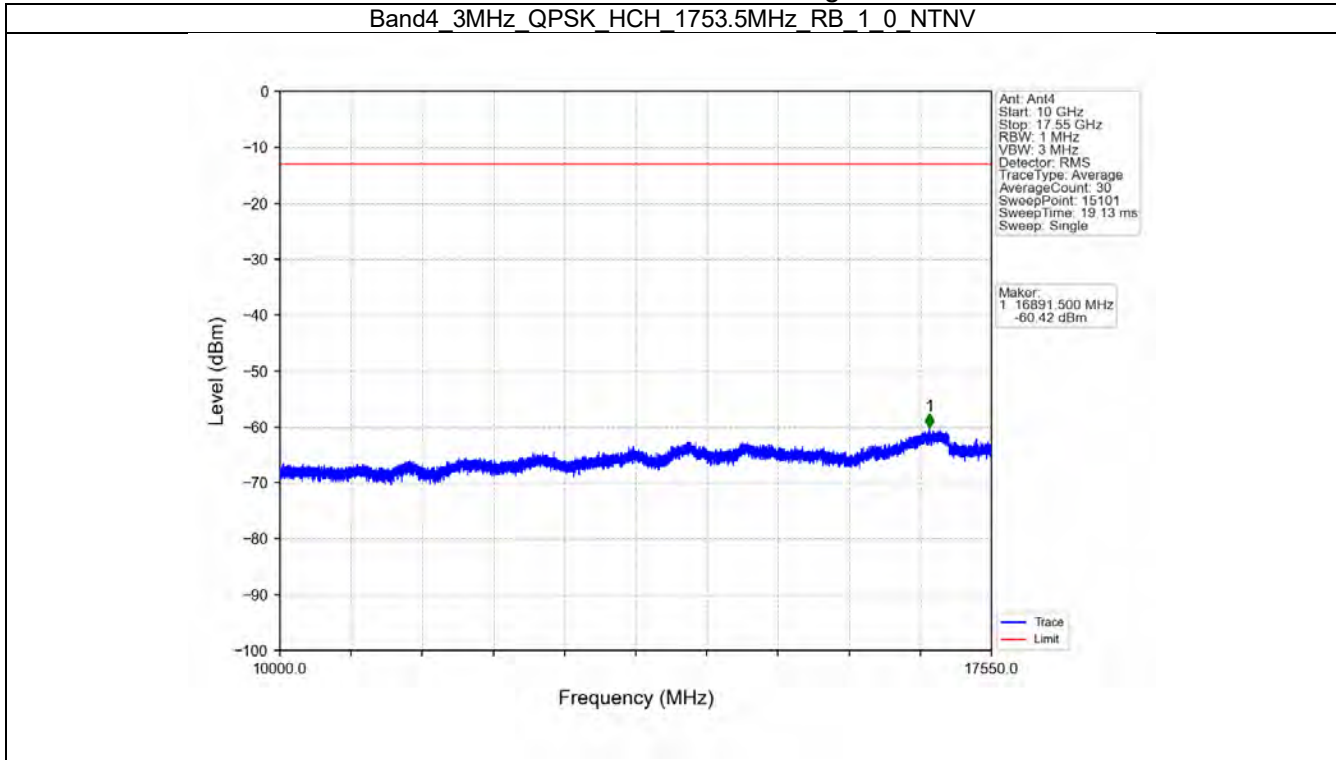
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Band4\_3MHz\_QPSK\_HCH\_1753.5MHz\_RB\_1\_0\_NTNV



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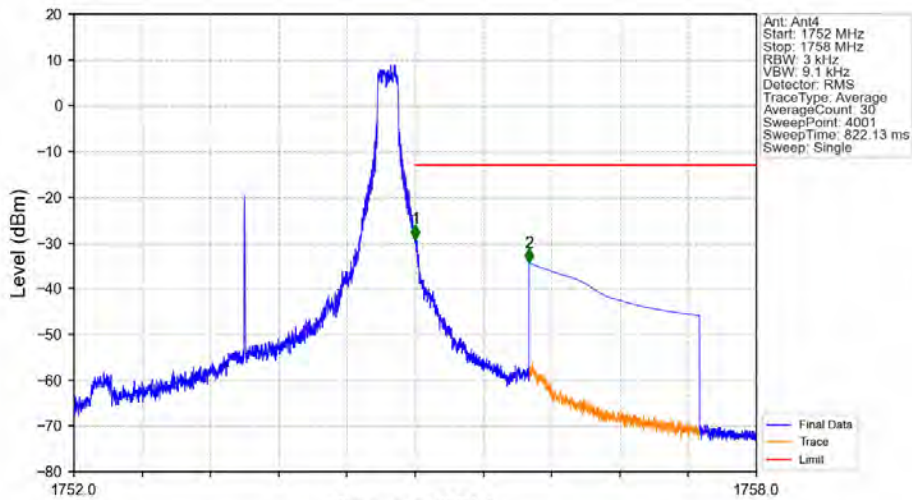
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Band4\_3MHz\_QPSK\_HCH\_1753.5MHz\_RB\_1\_14\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	1	1755.003	-29.13	-13	Pass
1755	1756	0.003	/	2	1756.001	-34.35	-13	Pass



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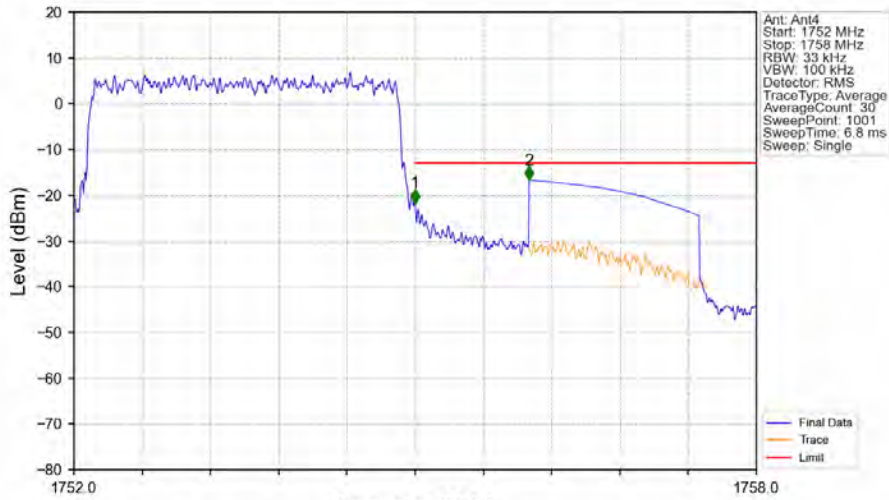


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Band4\_3MHz\_QPSK\_HCH\_1753.5MHz\_RB\_15\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.033	/	/	/	/	/	/
1755	1756	0.033	/	1	1755.000	-21.73	-13	Pass
1756	1758	1	CHP	2	1756.002	-16.70	-13	Pass



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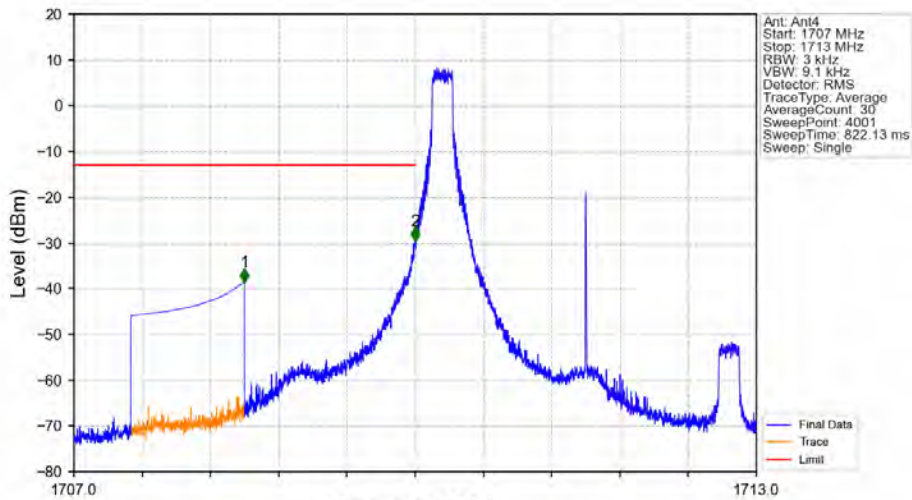
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Band4\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV



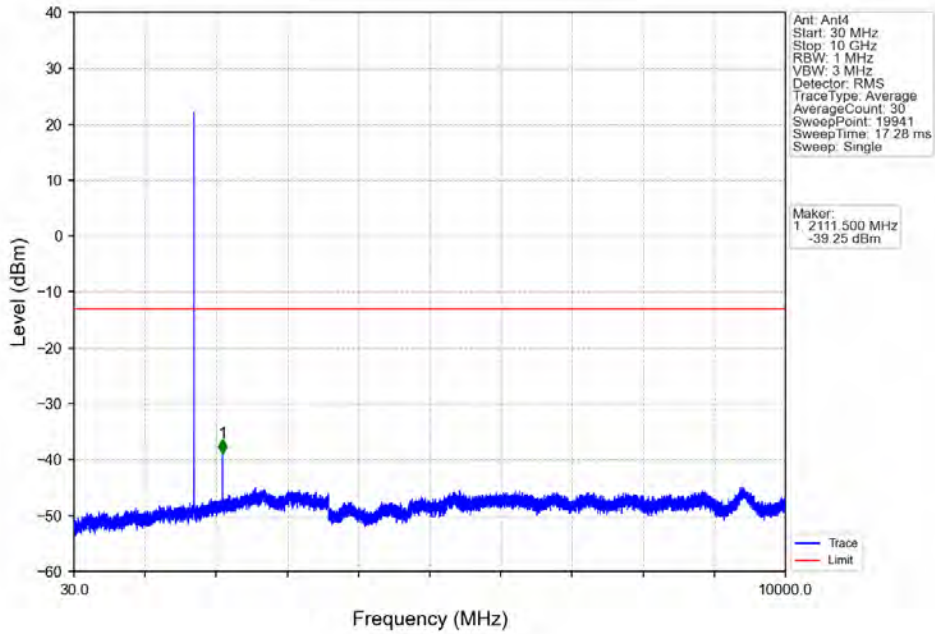
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-38.64	-13	Pass
1709	1710	0.003	/	2	1710.000	-29.56	-13	Pass
1710	1713	0.003	/	/	/	/	/	/



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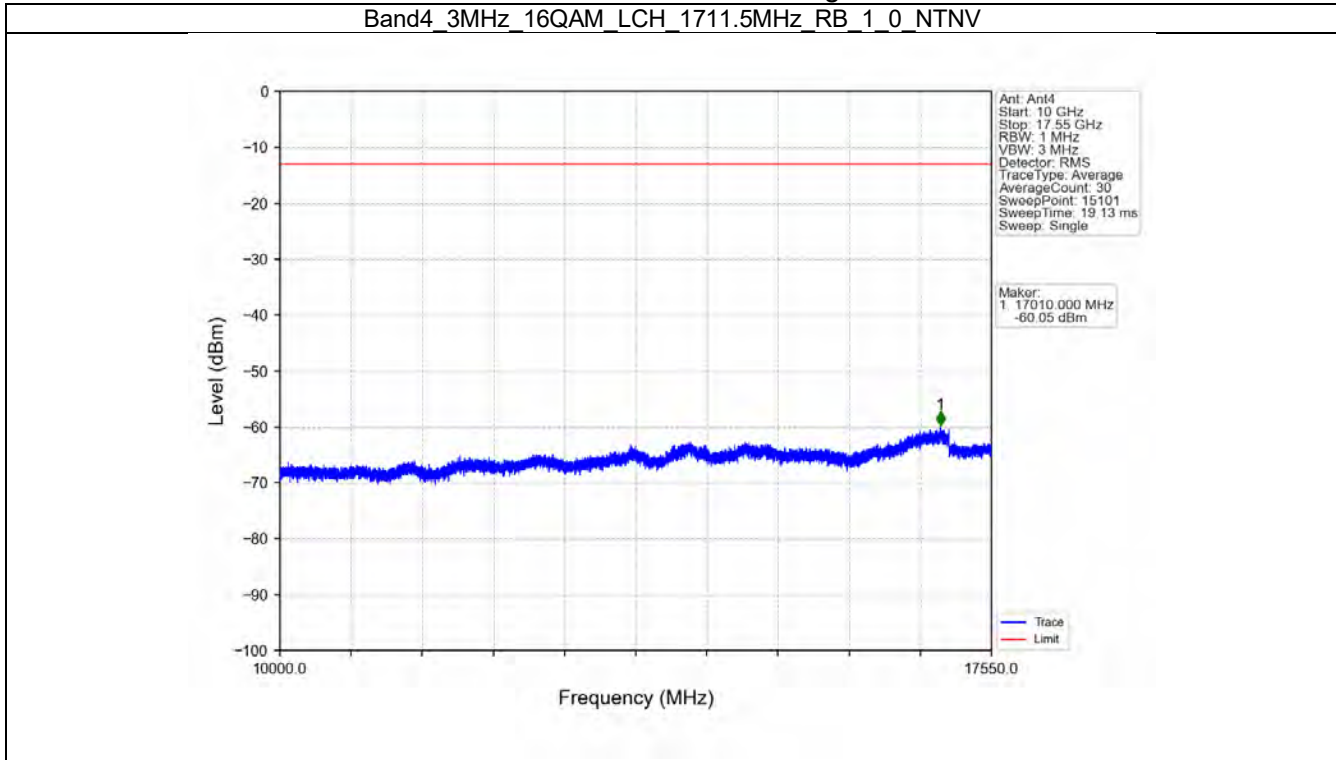


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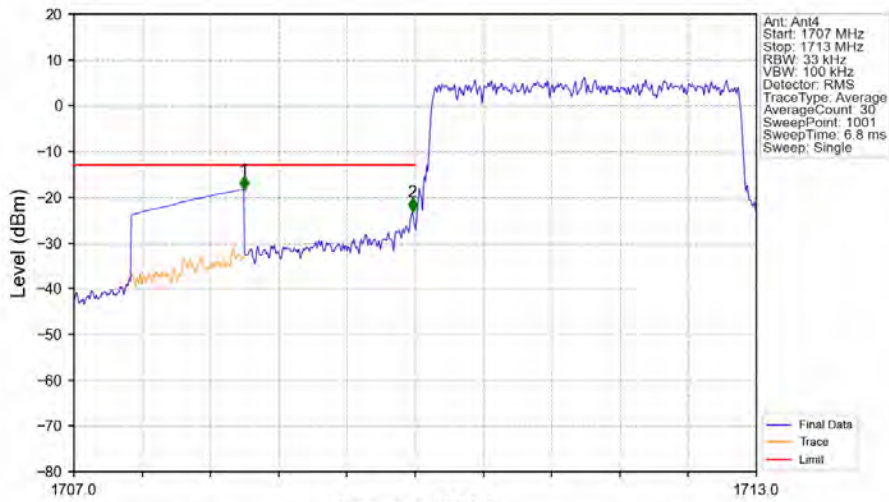


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Band4\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-18.42	-13	Pass
1709	1710	0.033	/	2	1709.976	-23.27	-13	Pass
1710	1713	0.033	/	/	/	/	/	/

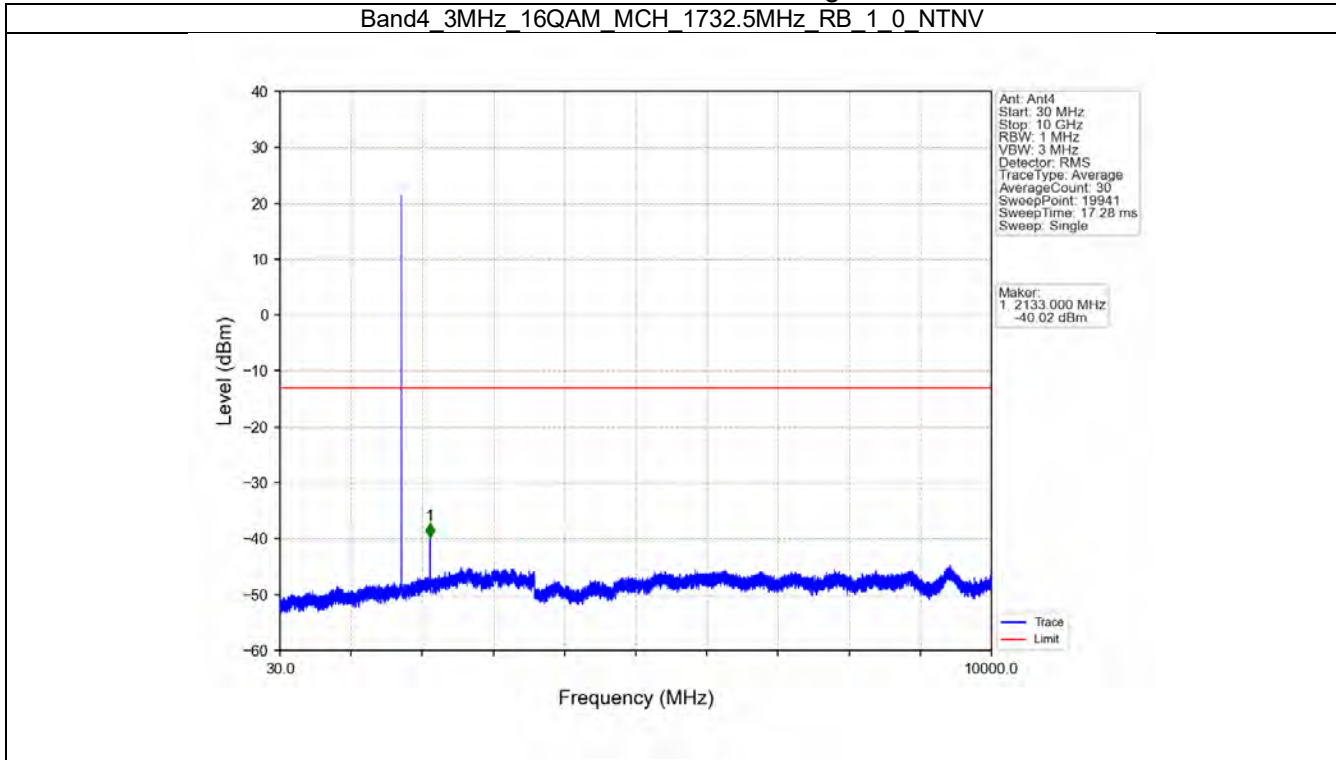


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Band4\_3MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV

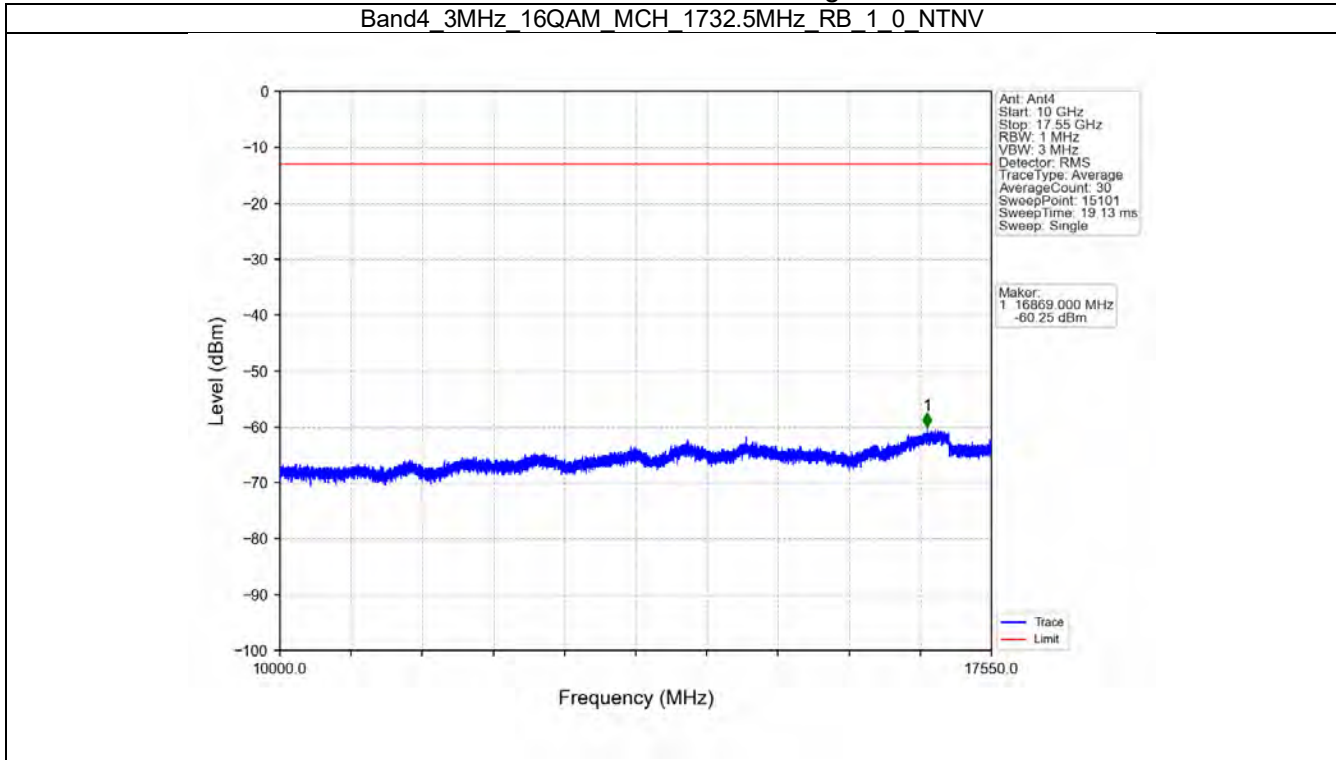


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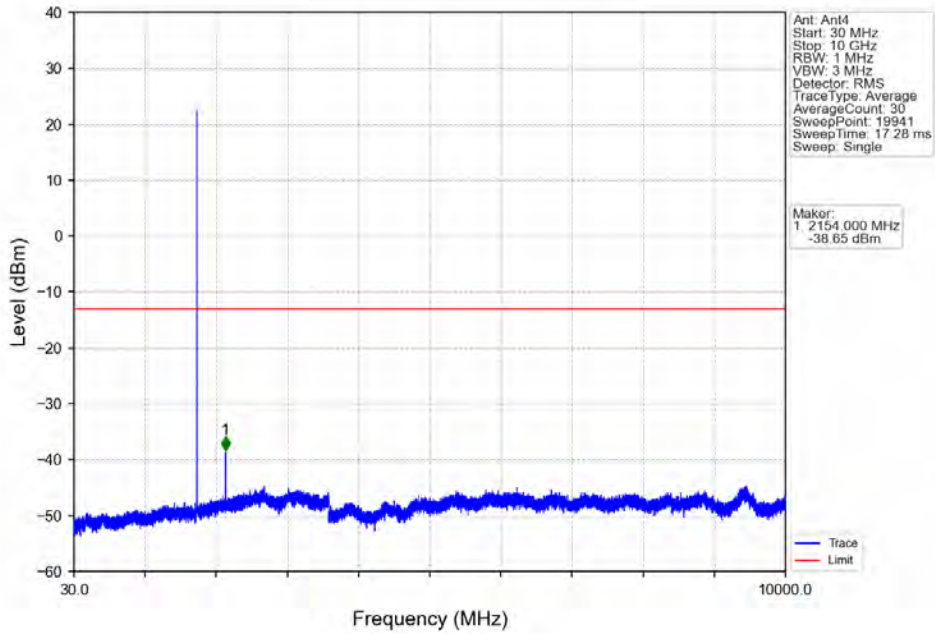


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Band4\_3MHz\_16QAM\_HCH\_1753.5MHz\_RB\_1\_0\_NTNV



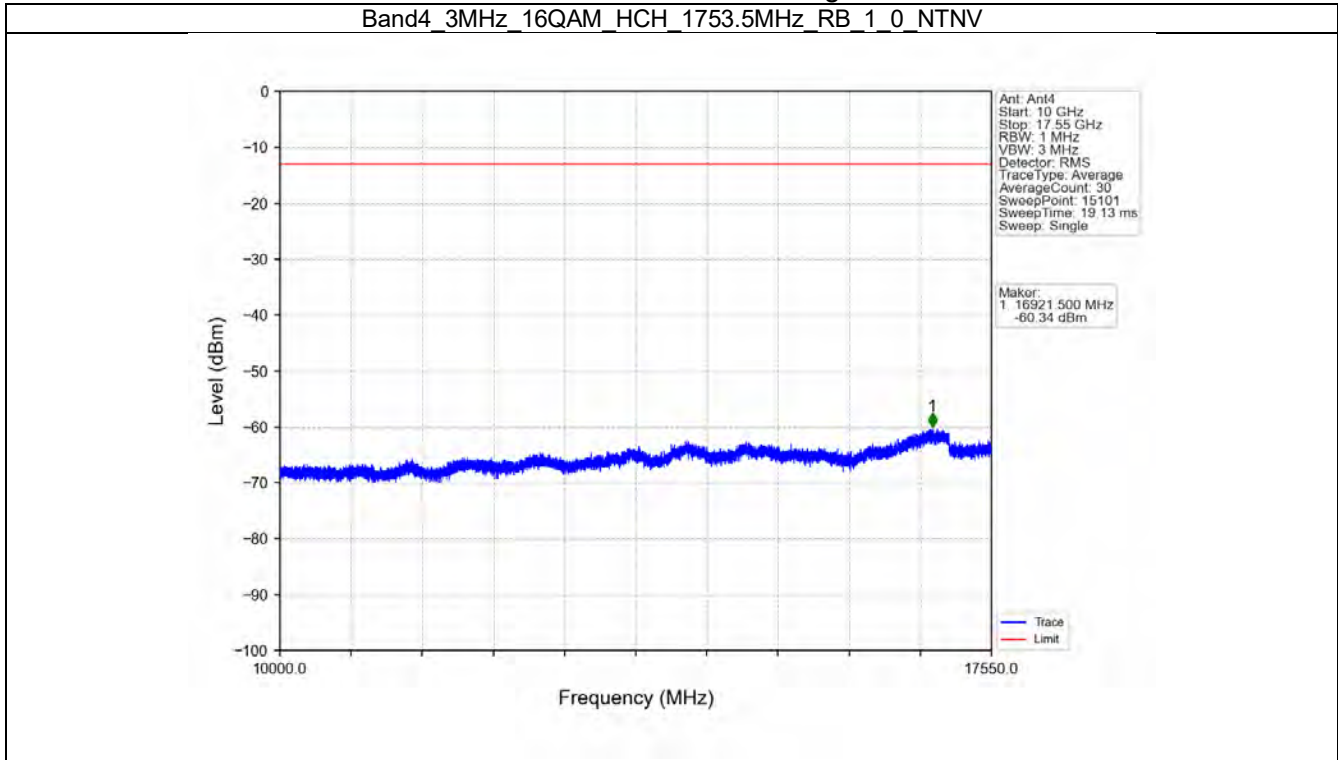
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Band4\_3MHz\_16QAM\_HCH\_1753.5MHz\_RB\_1\_0\_NTNV



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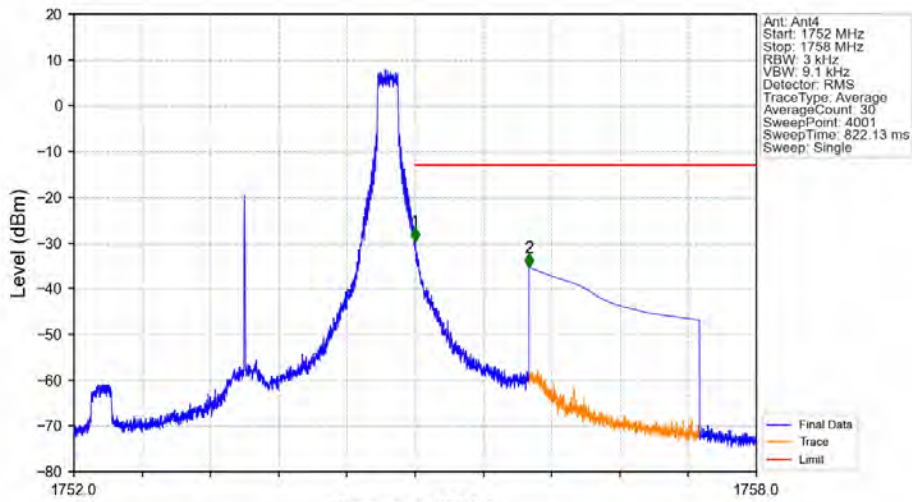
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Band4\_3MHz\_16QAM\_HCH\_1753.5MHz\_RB\_1\_14\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.000	-29.77	-13	Pass
1756	1758	1	CHP	2	1756.001	-35.38	-13	Pass



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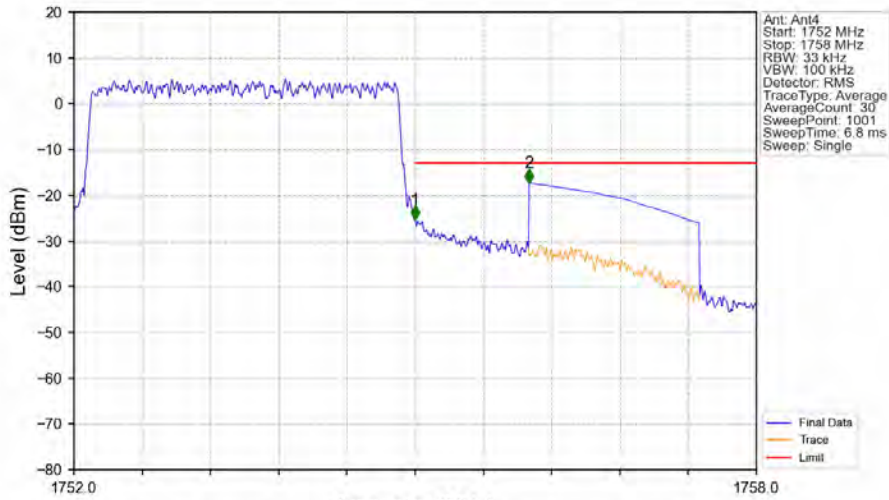
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Band4\_3MHz\_16QAM\_HCH\_1753.5MHz\_RB\_15\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.033	/	1	1755.000	-25.31	-13	Pass
1755	1756	0.033	/	2	1756.002	-17.33	-13	Pass



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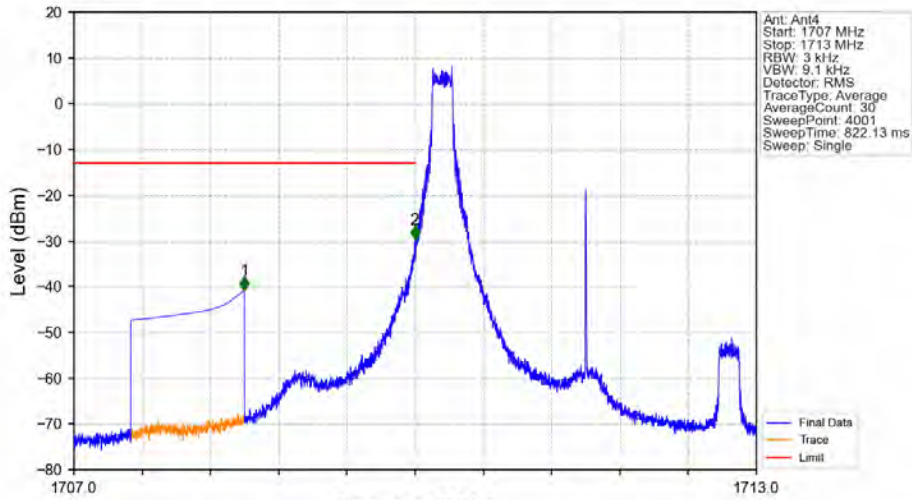
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Band4\_3MHz\_64QAM\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-40.88	-13	Pass
1709	1710	0.003	/	2	1709.997	-29.78	-13	Pass
1710	1713	0.003	/	/	/	/	/	/



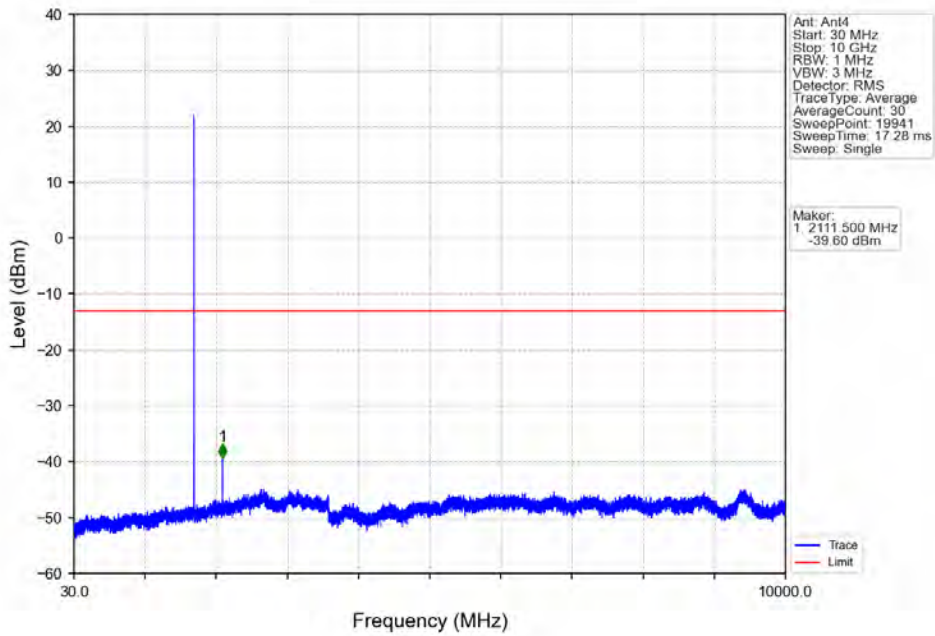
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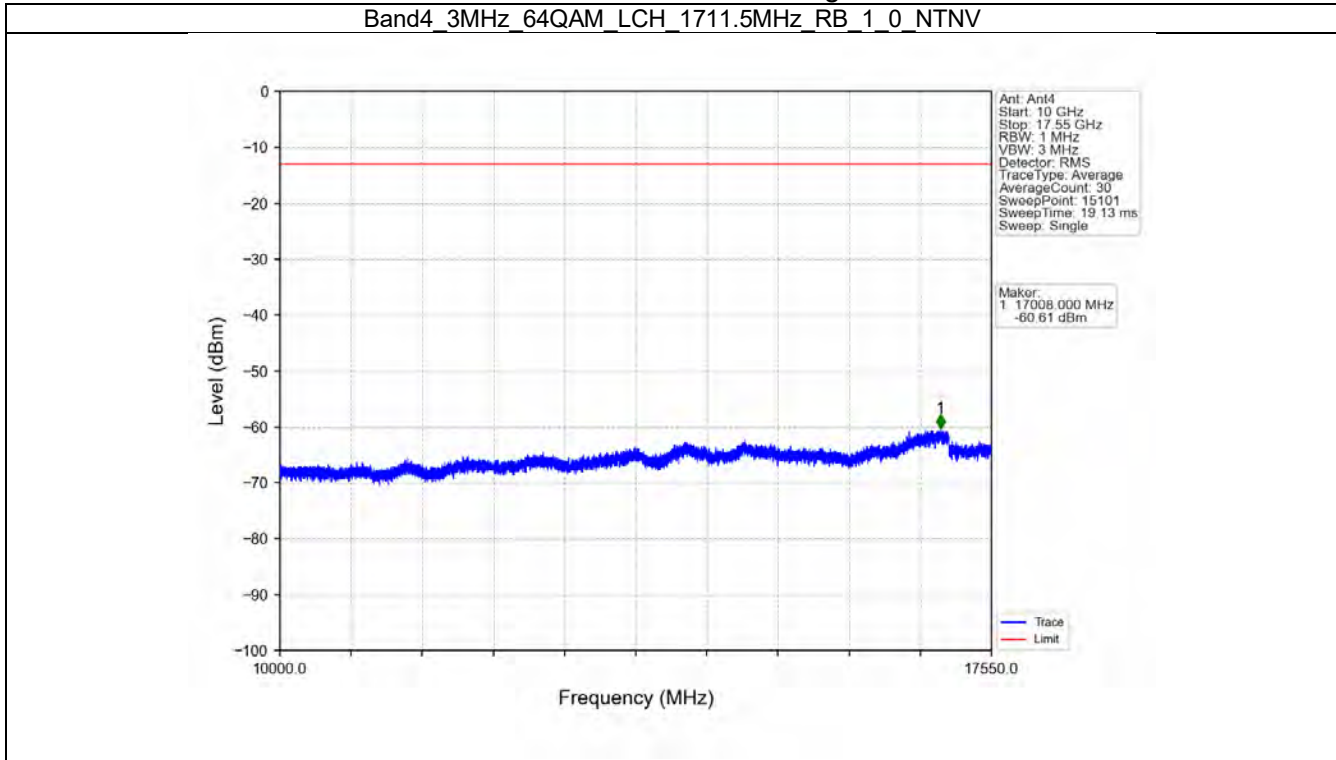


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Band4 3MHz 64QAM LCH 1711.5MHz RB 1\_0\_NTNV



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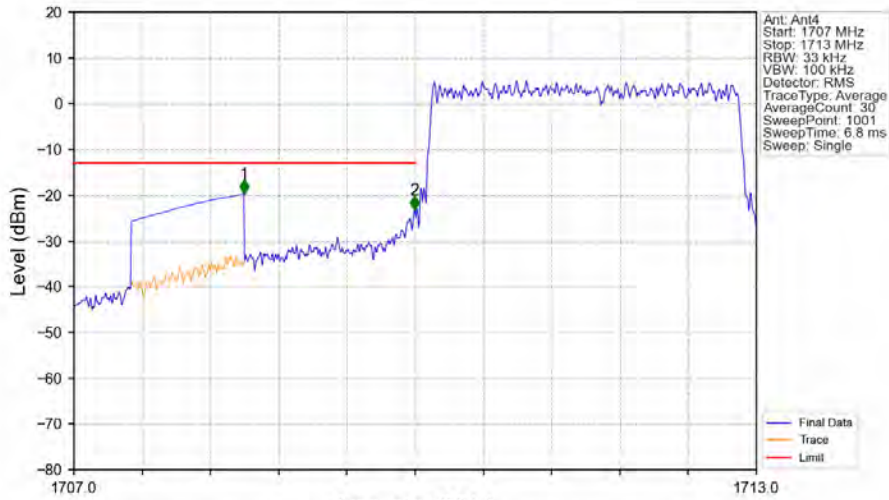
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Band4\_3MHz\_64QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-19.76	-13	Pass
1709	1710	0.033	/	2	1709.994	-23.16	-13	Pass
1710	1713	0.033	/	/	/	/	/	/

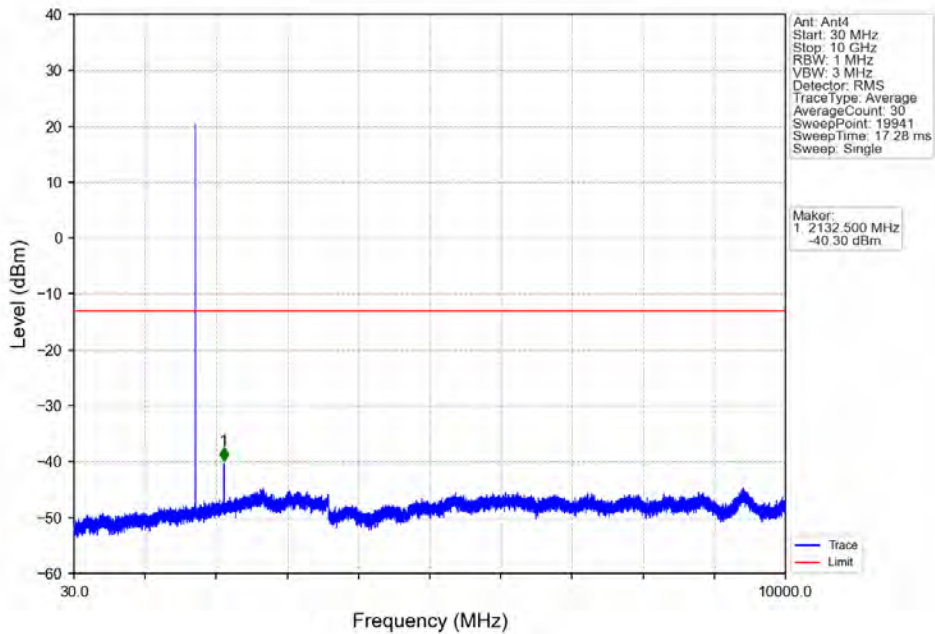


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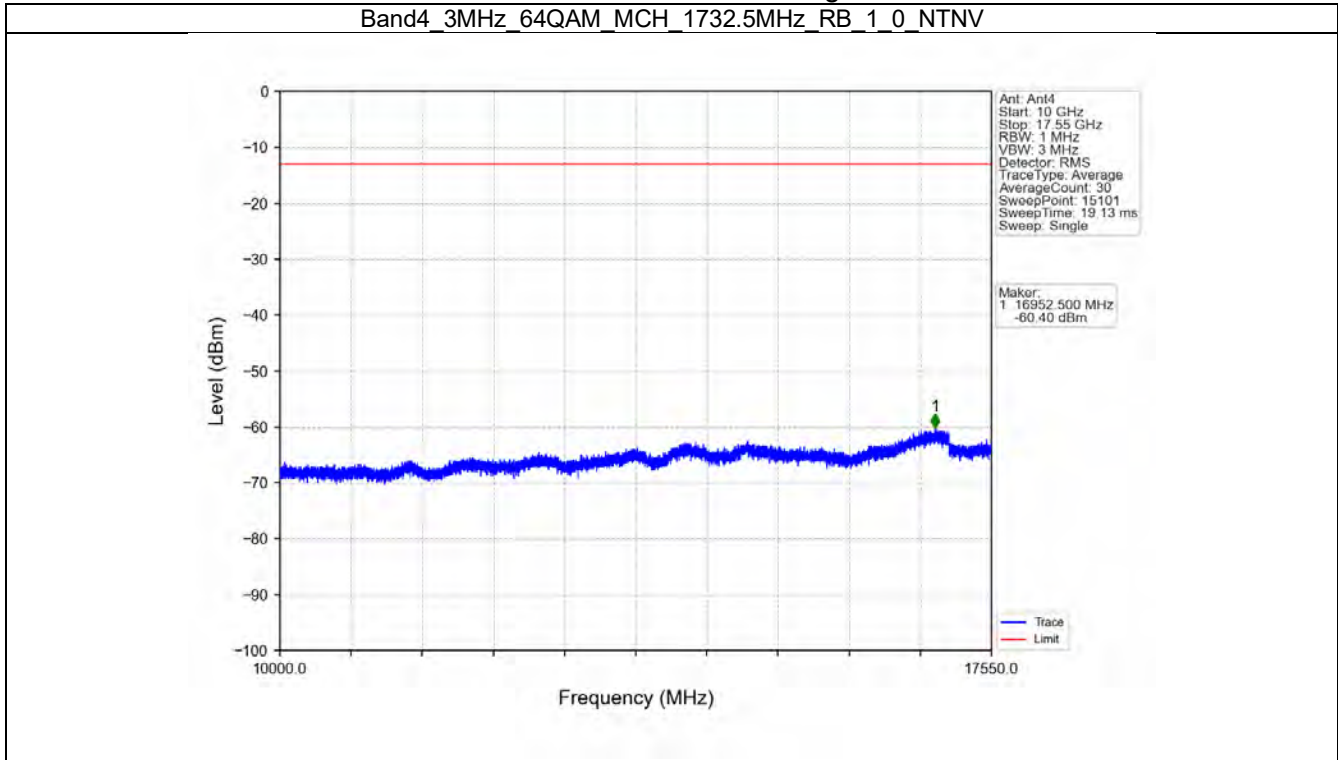


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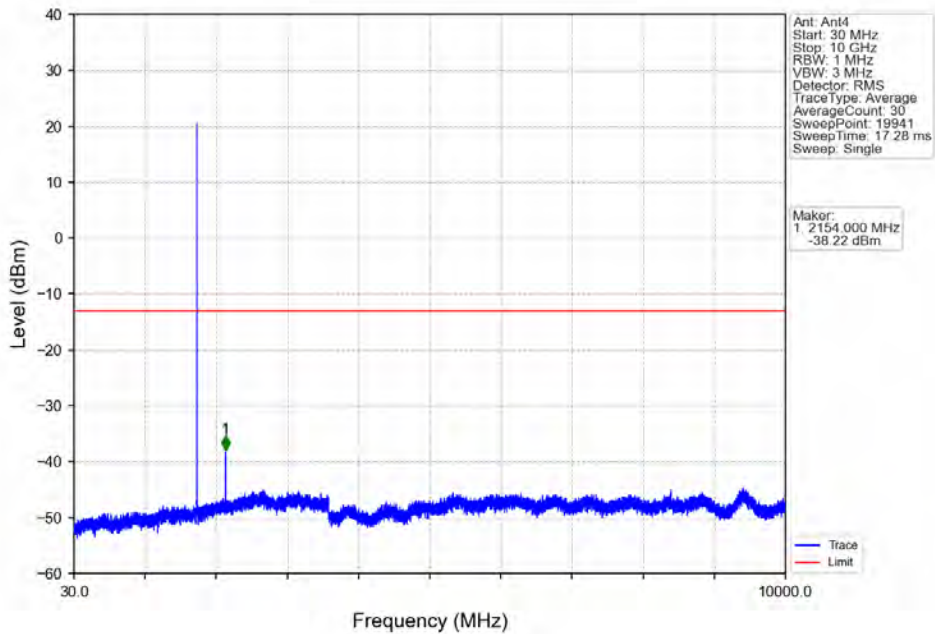


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Band4\_3MHz\_64QAM\_HCH\_1753.5MHz\_RB\_1\_0\_NTNV

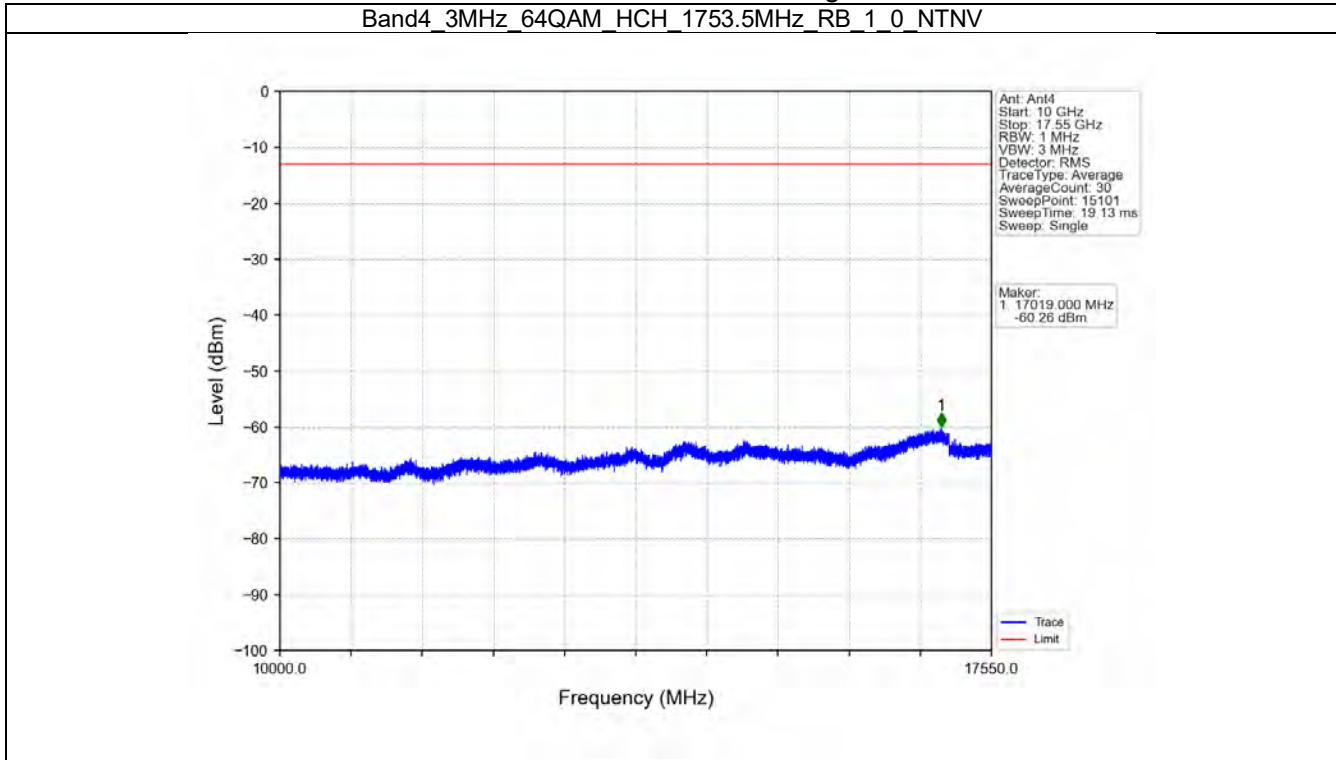


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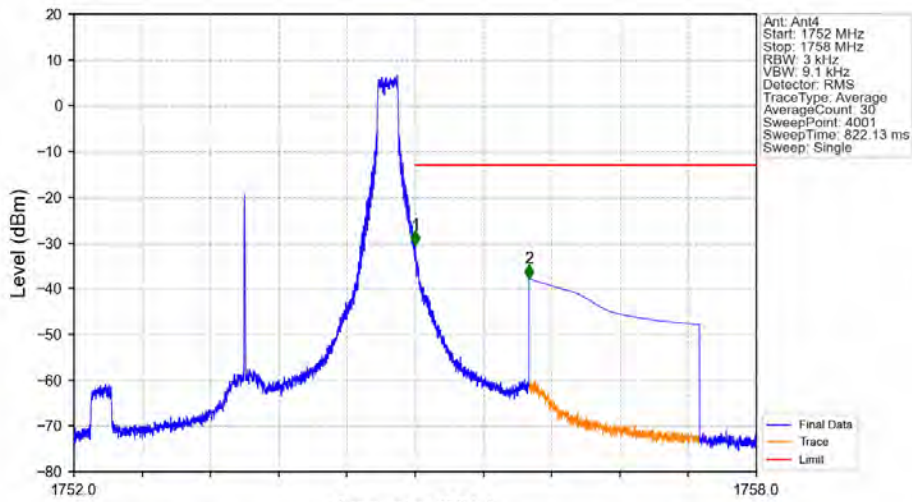
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Band4\_3MHz\_64QAM\_HCH\_1753.5MHz\_RB\_1\_14\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	1	1755.003	-30.39	-13	Pass
1755	1756	0.003	/	2	1756.001	-37.77	-13	Pass



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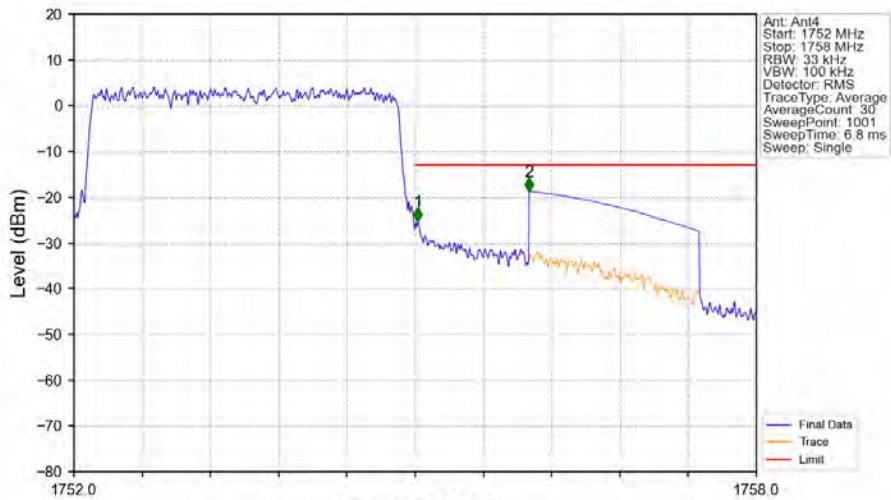


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Band4\_3MHz\_64QAM\_HCH\_1753.5MHz\_RB\_15\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.033	/	/	/	/	/	/
1755	1756	0.033	/	1	1755.024	-25.32	-13	Pass
1756	1758	1	CHP	2	1756.002	-18.76	-13	Pass



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5.3 B4\_5MHz

5.3.1 Test Result

Band: 4 / 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	
	1732.5	1	0	Refer To Test Graph		Pass	
		1752.5	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	
	1732.5	1	0	Refer To Test Graph		Pass	
		1752.5	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	
	1732.5	1	0	Refer To Test Graph		Pass	
		1752.5	1	0	Refer To Test Graph		Pass
				24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass	

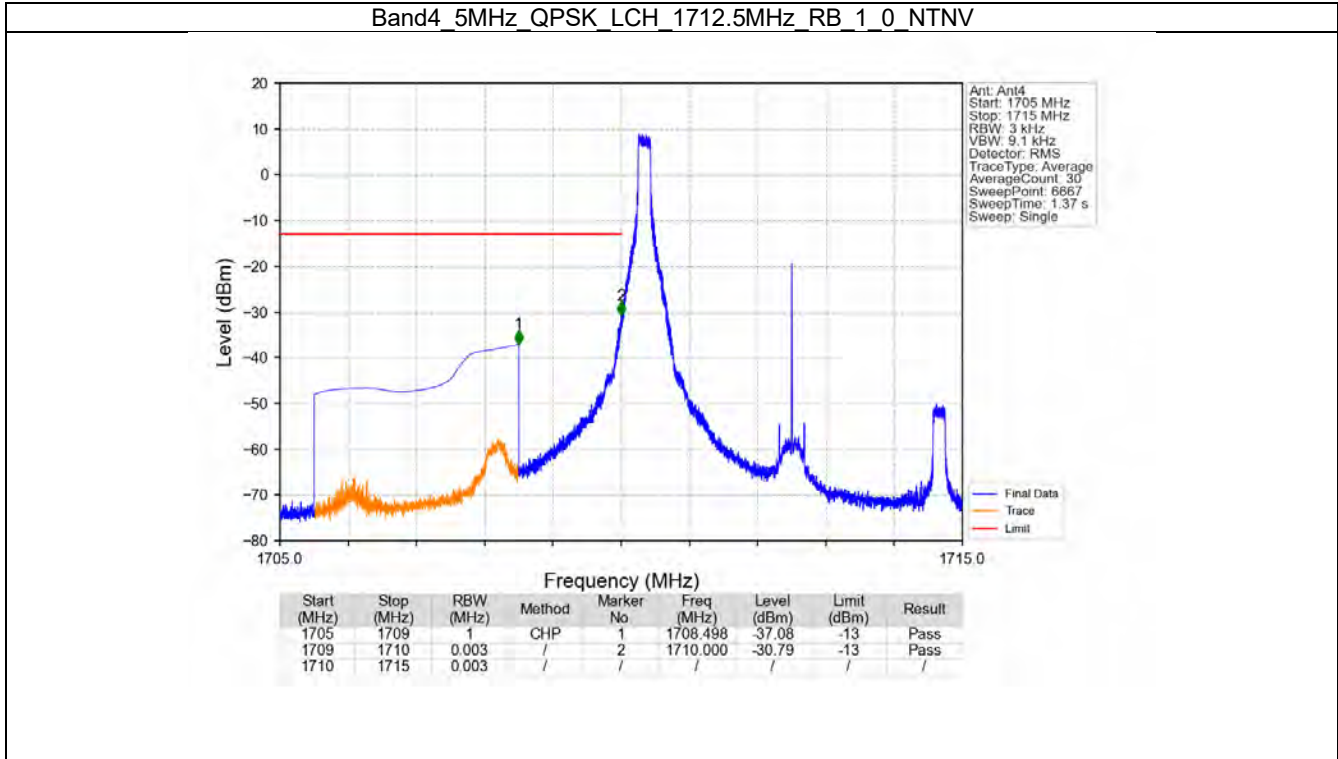


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5.3.2 Test Graph

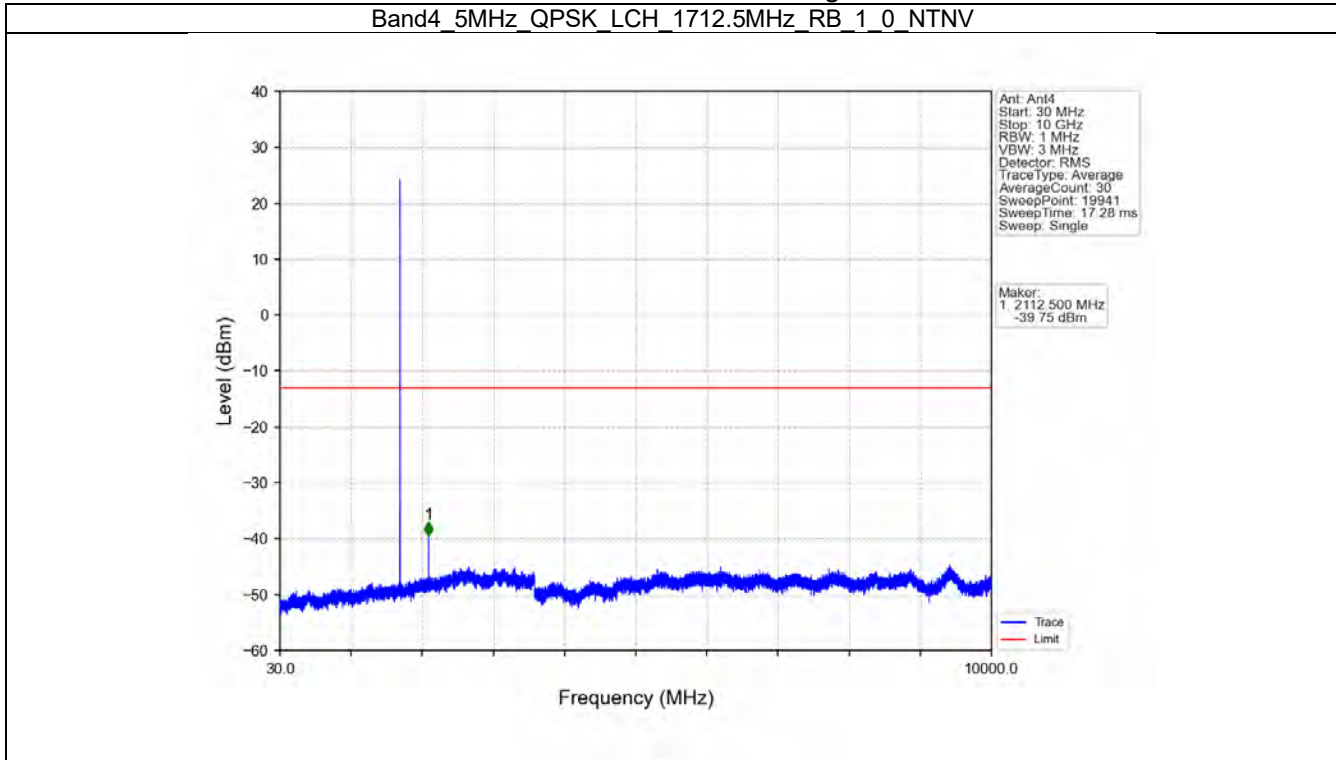


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Band4\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV



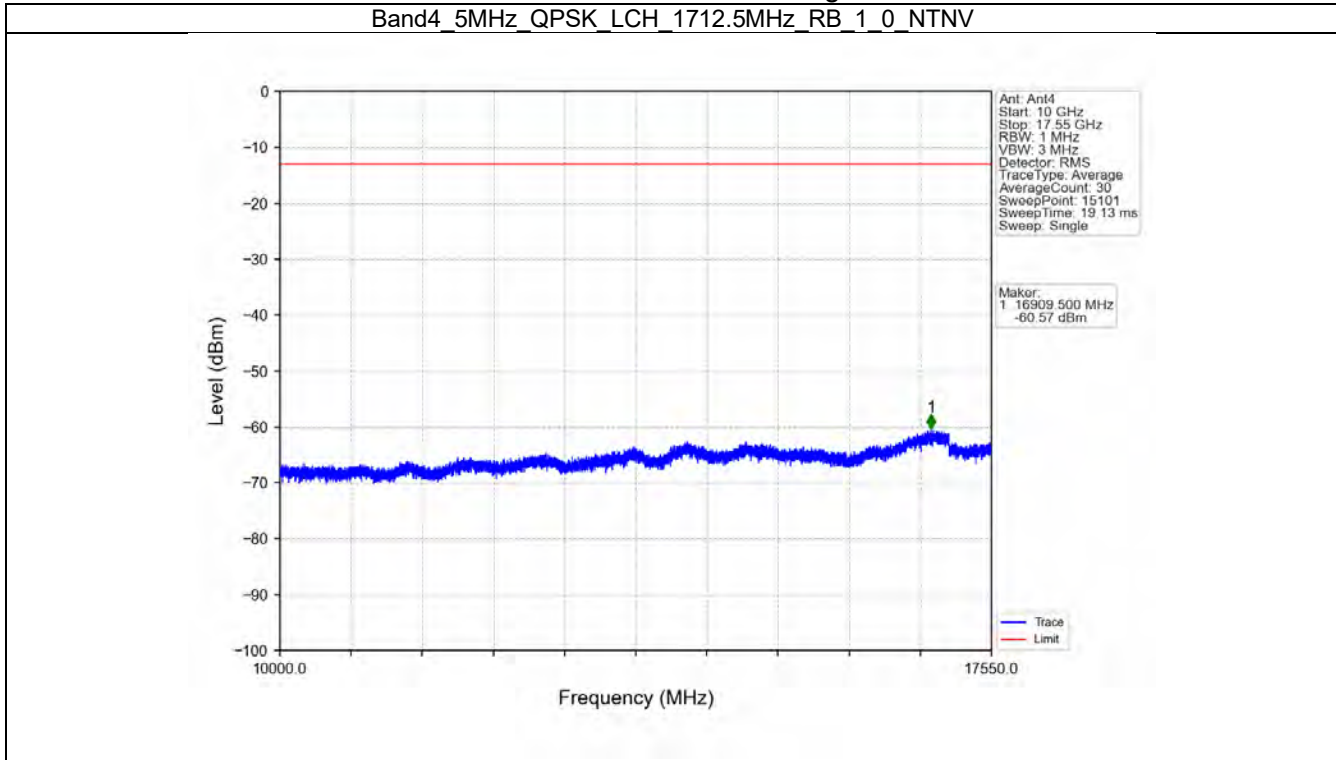
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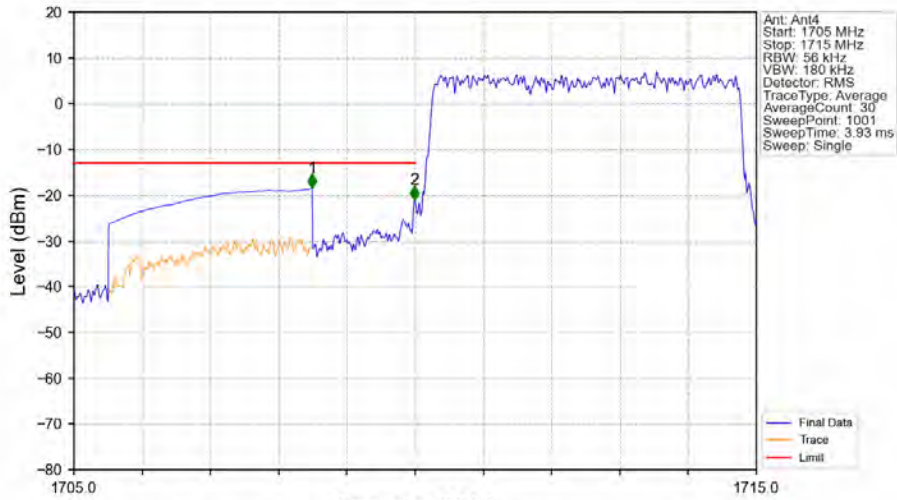
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Band4 5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-18.52	-13	Pass
1709	1710	0.056	/	2	1709.990	-21.03	-13	Pass
1710	1715	0.056	/	/	/	/	/	/



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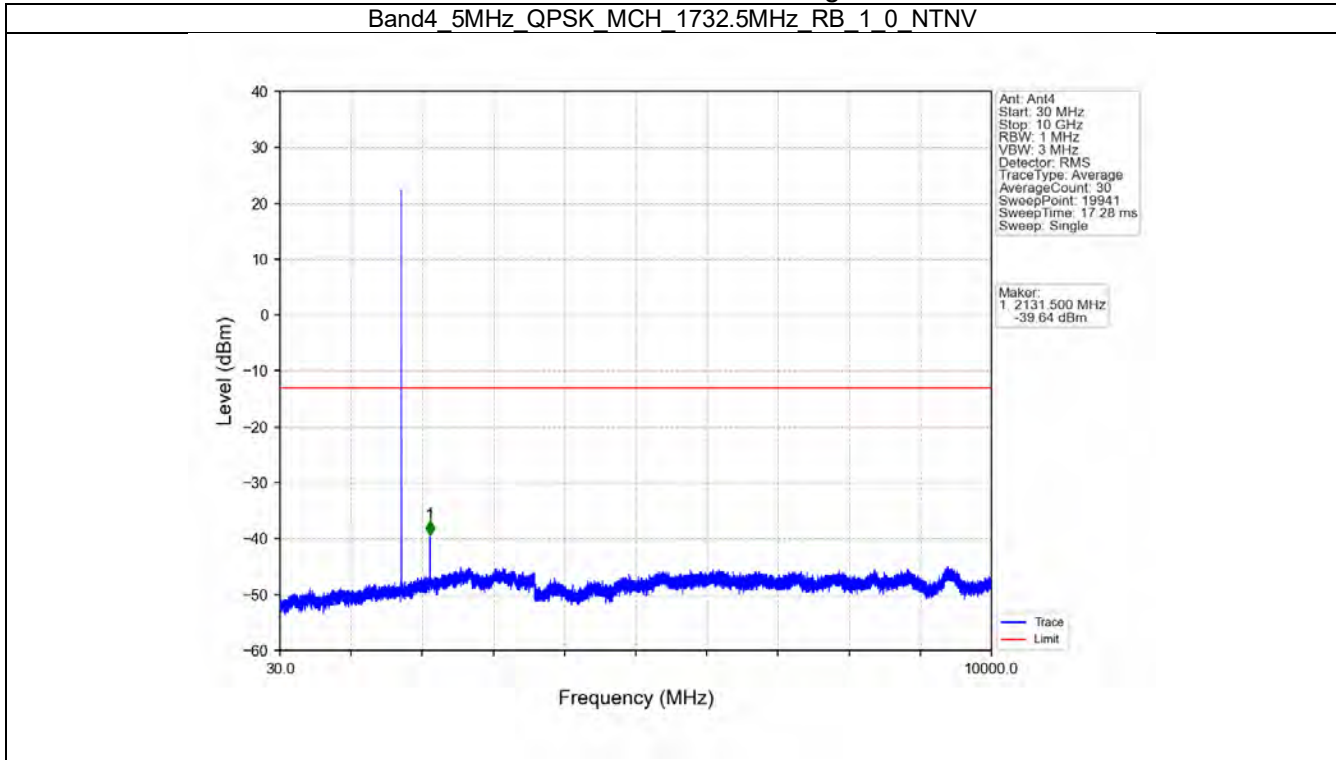
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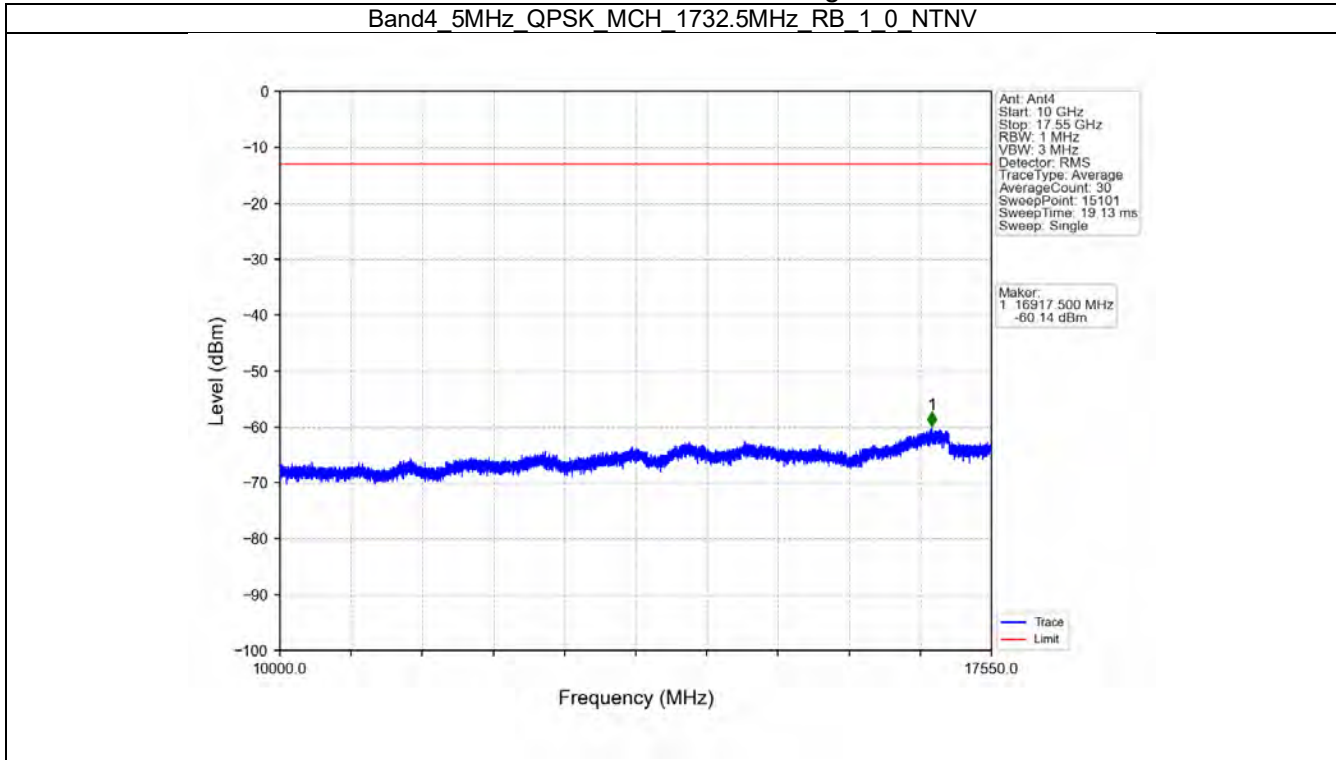
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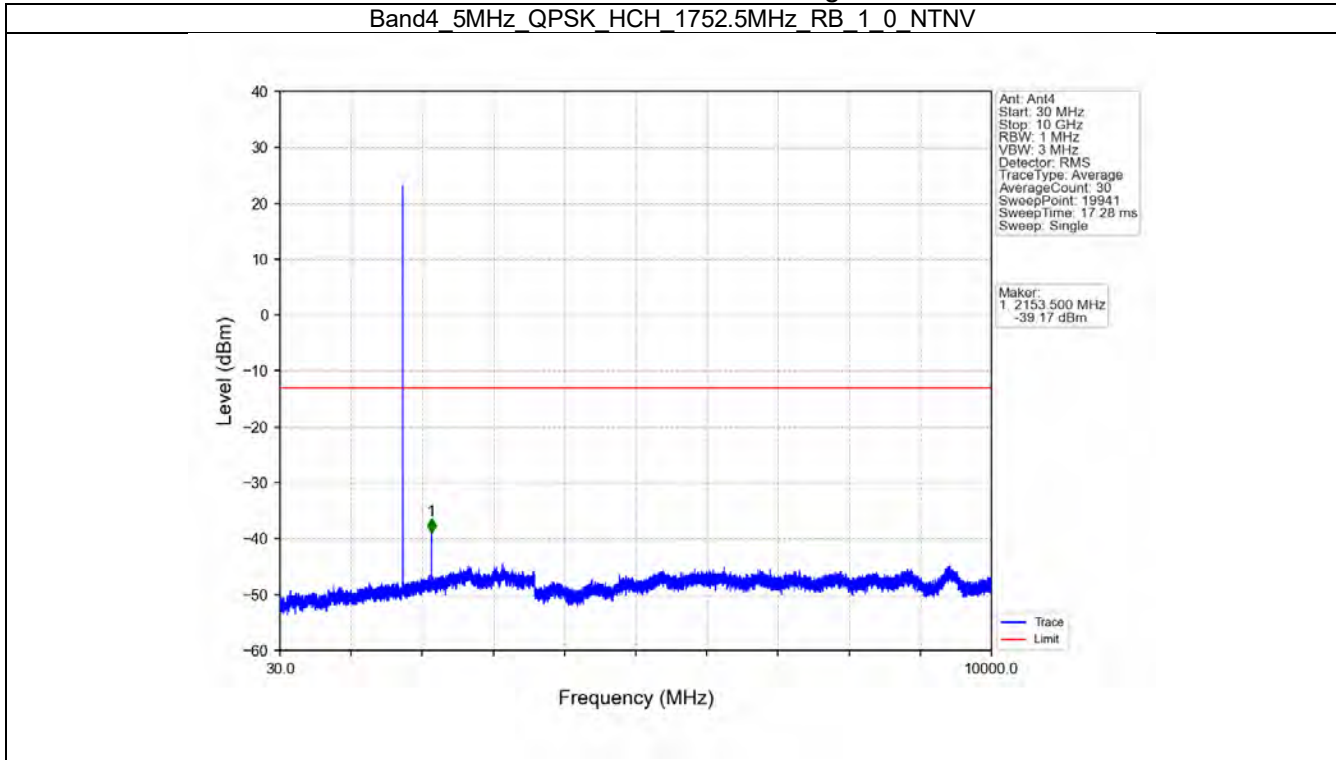


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Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_1\_0\_NTNV



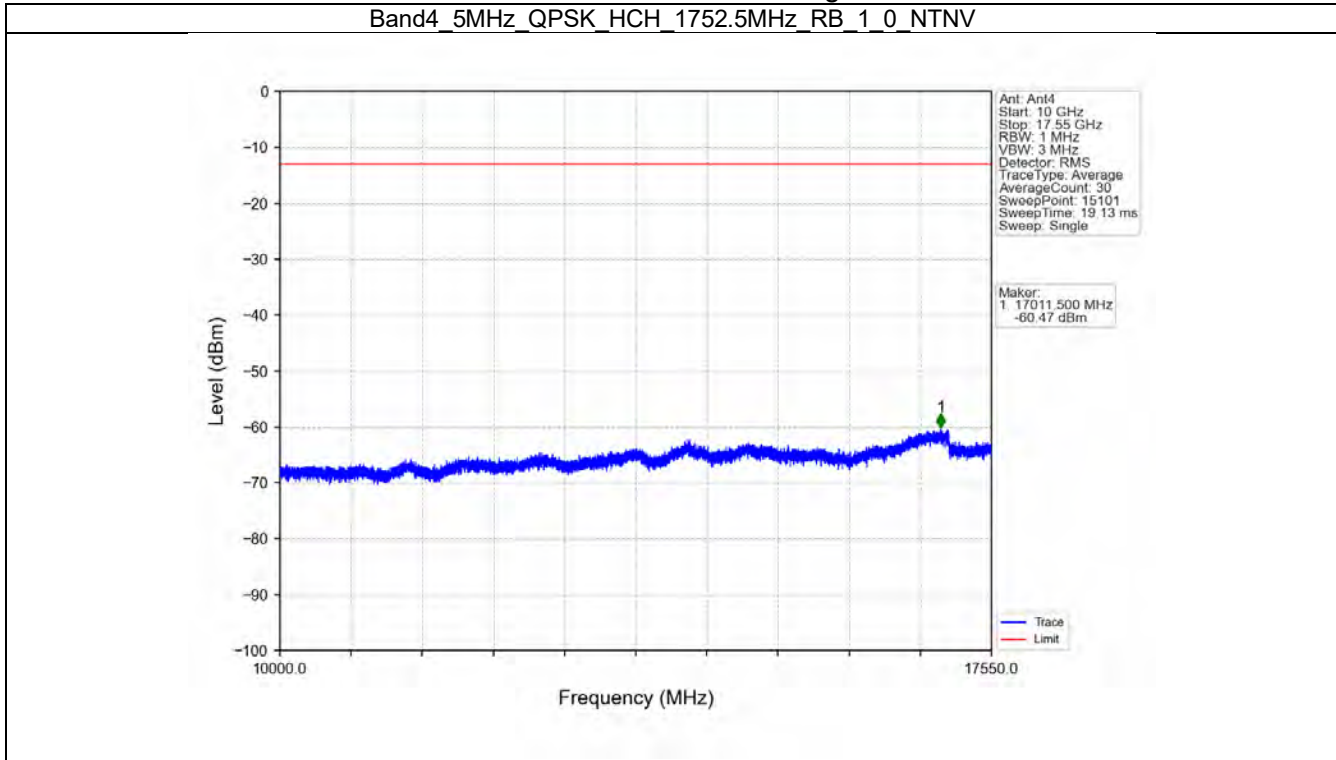
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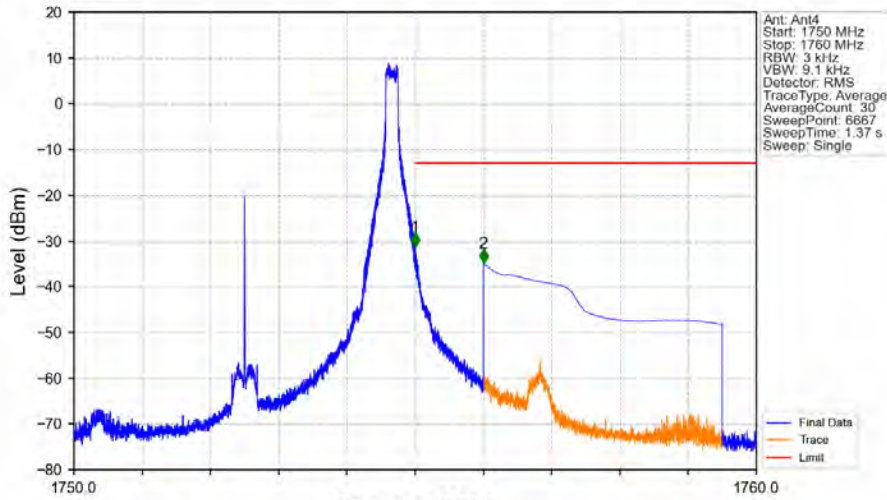
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Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_1\_24\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.000	-31.27	-13	Pass
1756	1760	1	CHP	2	1756.001	-34.87	-13	Pass



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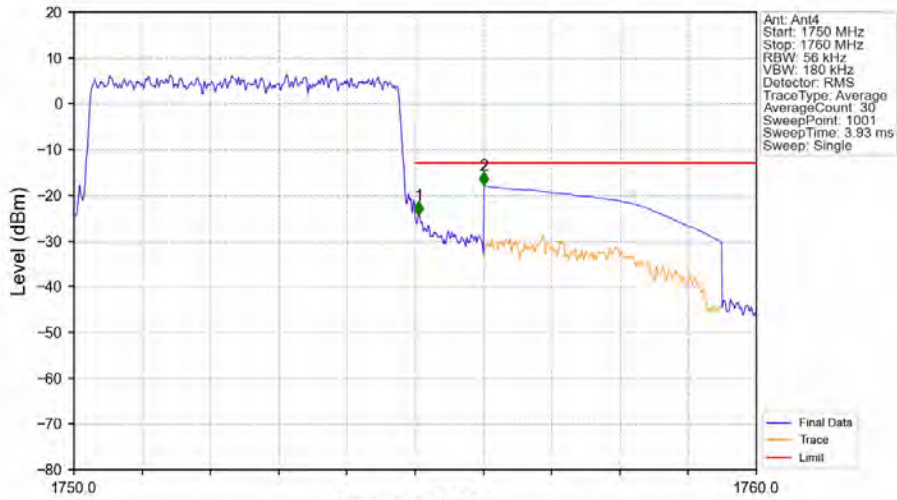
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Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.056	/	1	1755.050	-24.39	-13	Pass
1755	1760	1	CHP	2	1756.010	-17.93	-13	Pass



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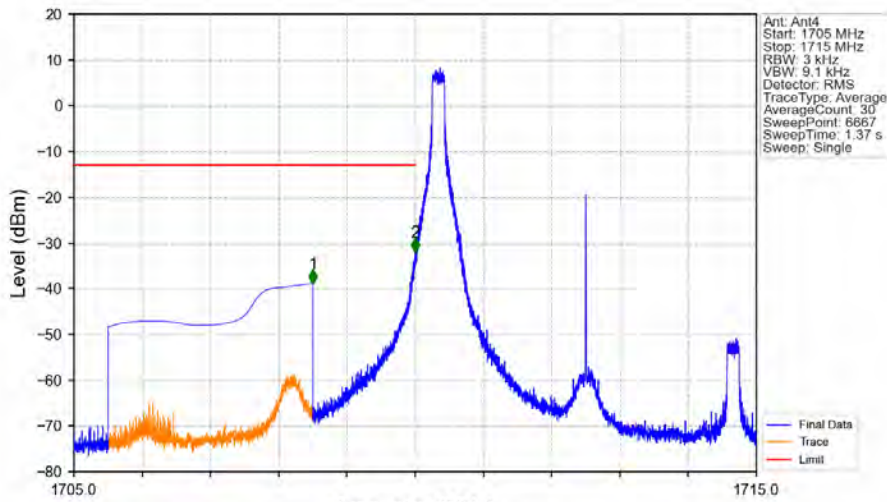


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Band4\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-38.87	-13	Pass
1709	1710	0.003	/	2	1710.000	-32.04	-13	Pass
1710	1715	0.003	/	/	/	/	/	/



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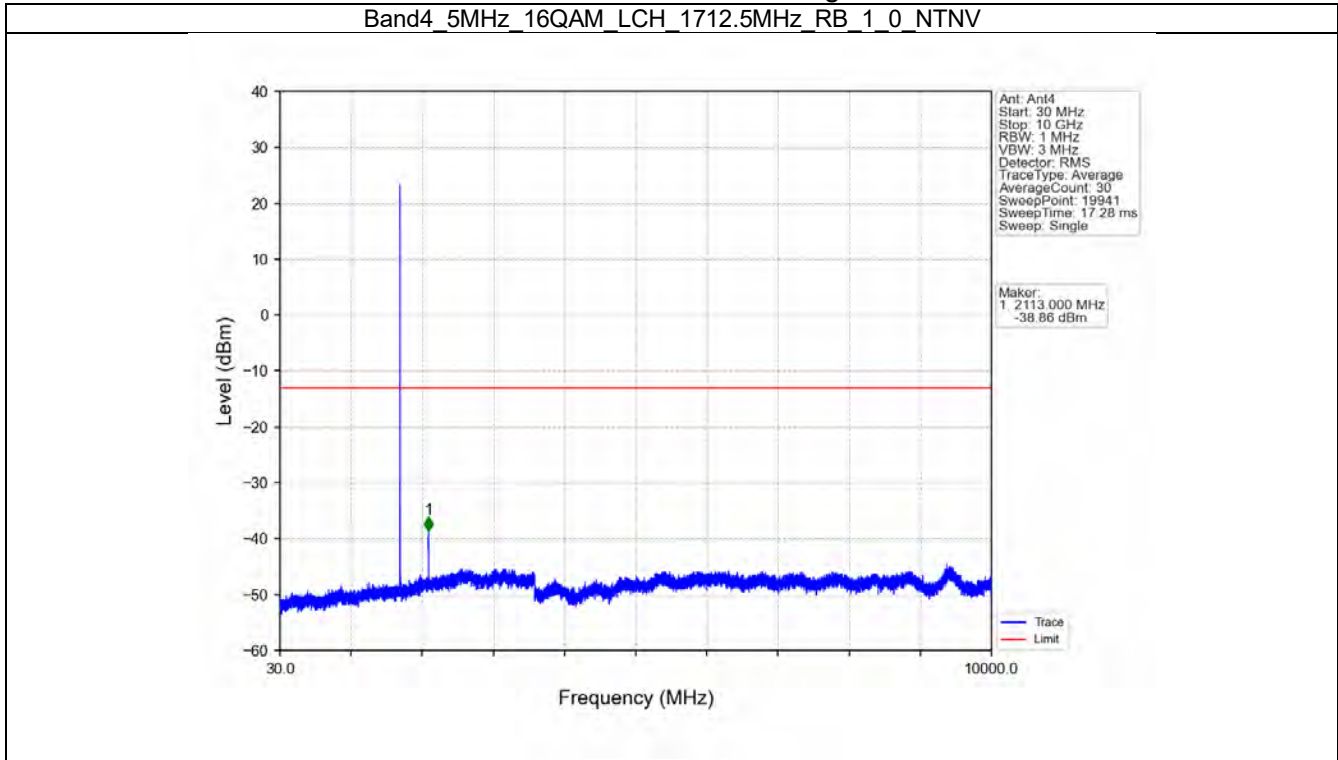
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Band4\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV



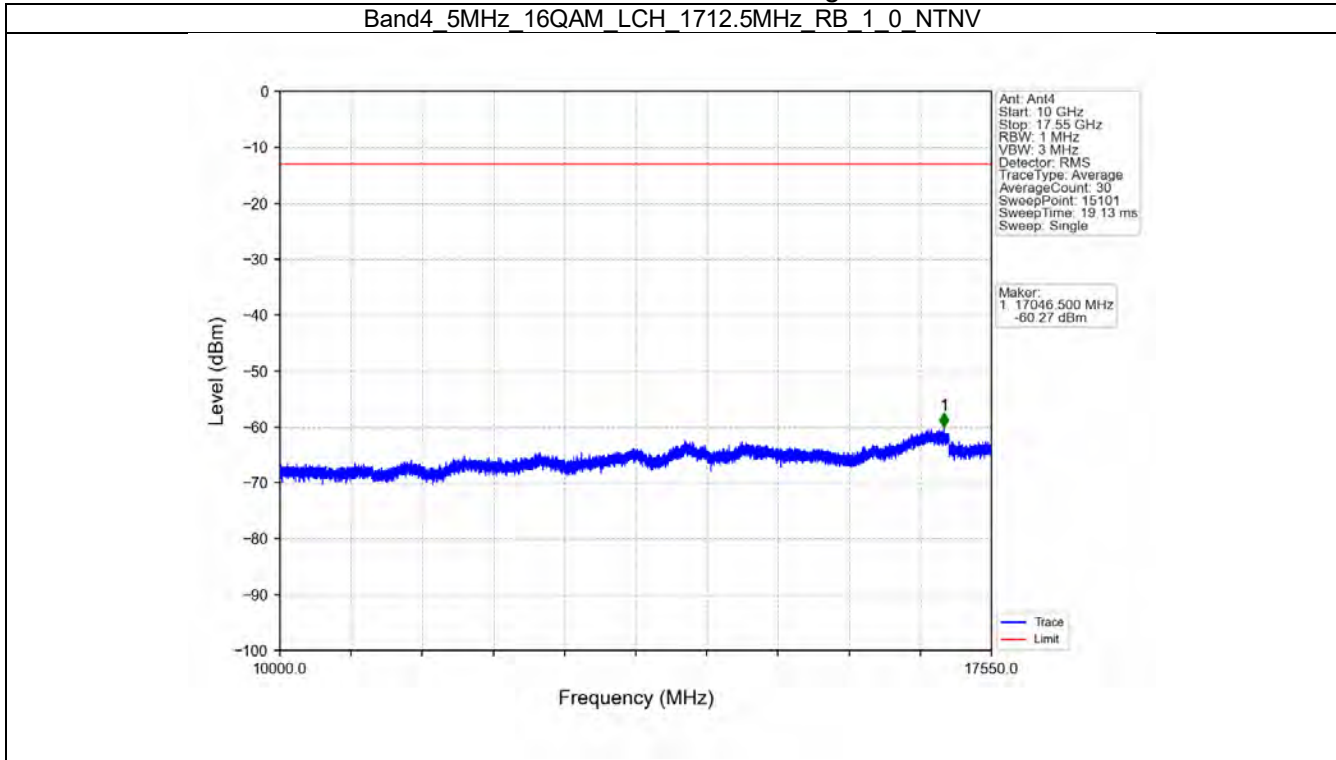
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Band4\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV



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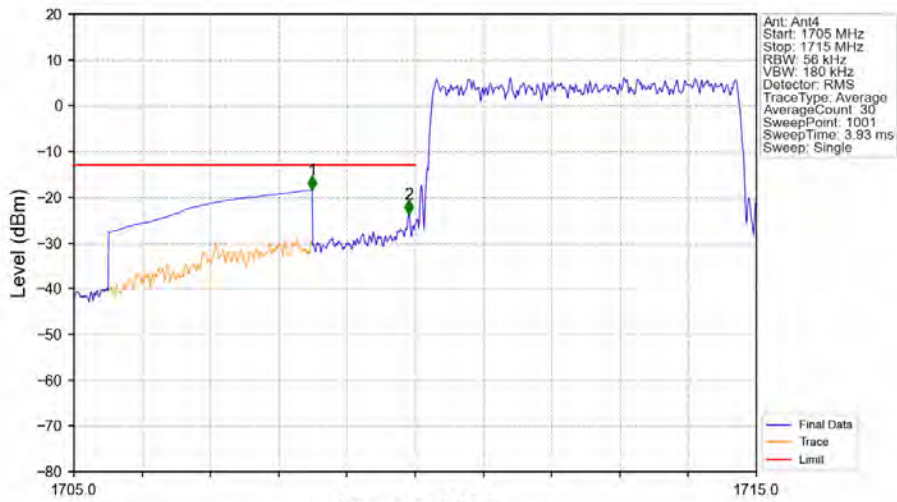
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Band4\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-18.51	-13	Pass
1709	1710	0.056	/	2	1709.910	-23.76	-13	Pass
1710	1715	0.056	/	/	/	/	/	/



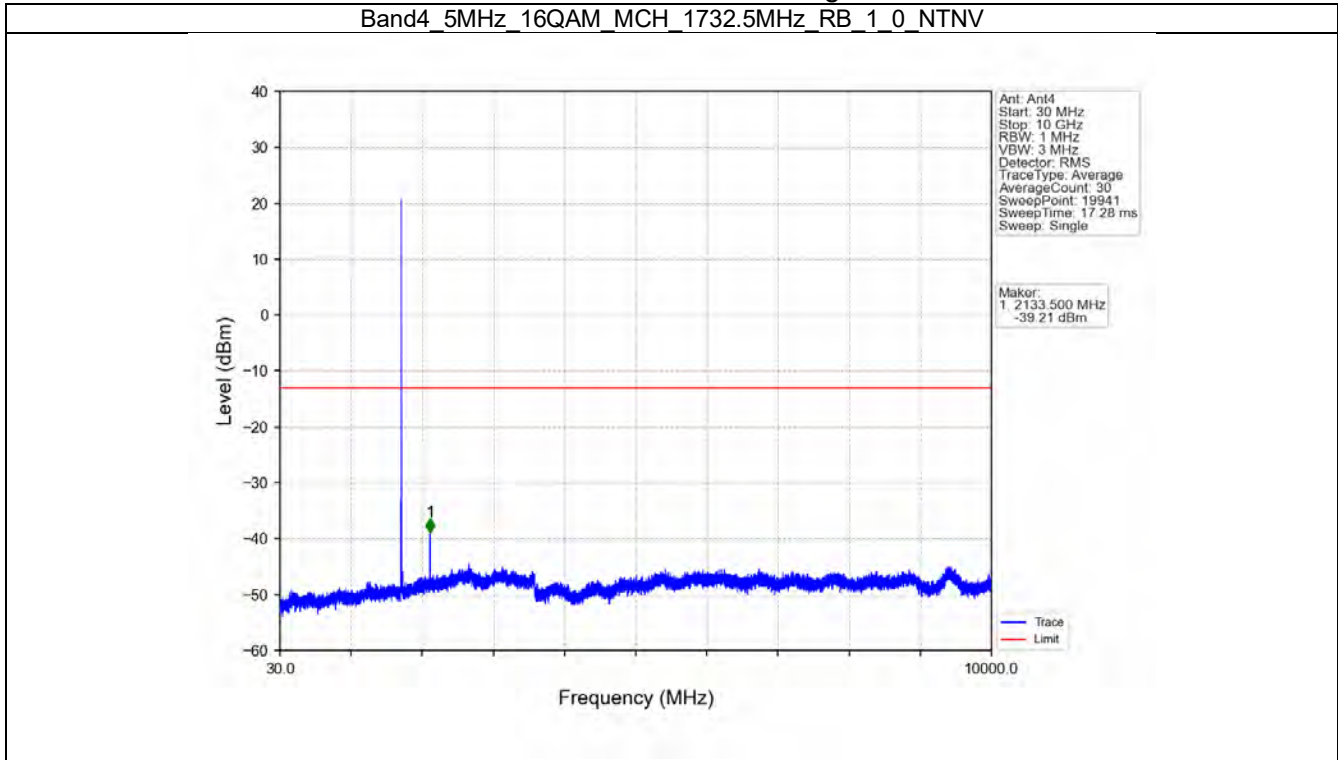
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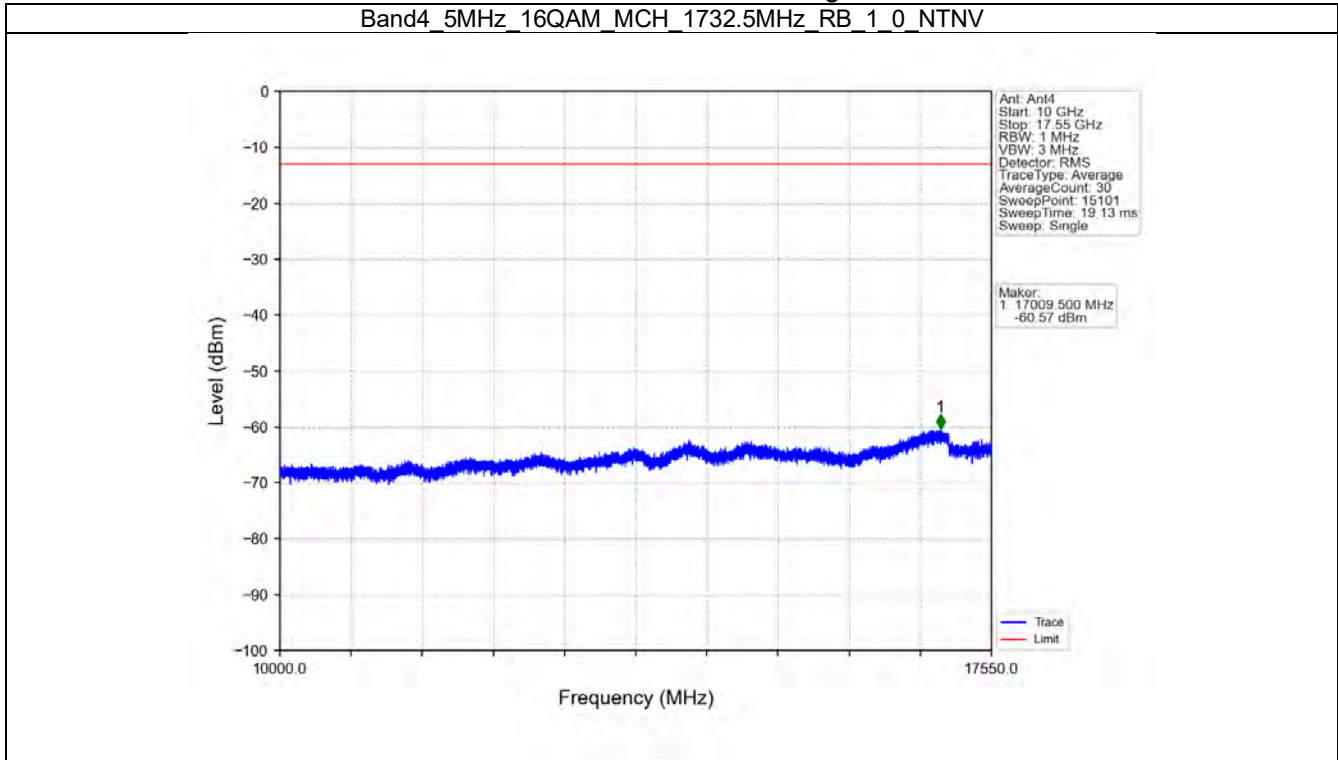


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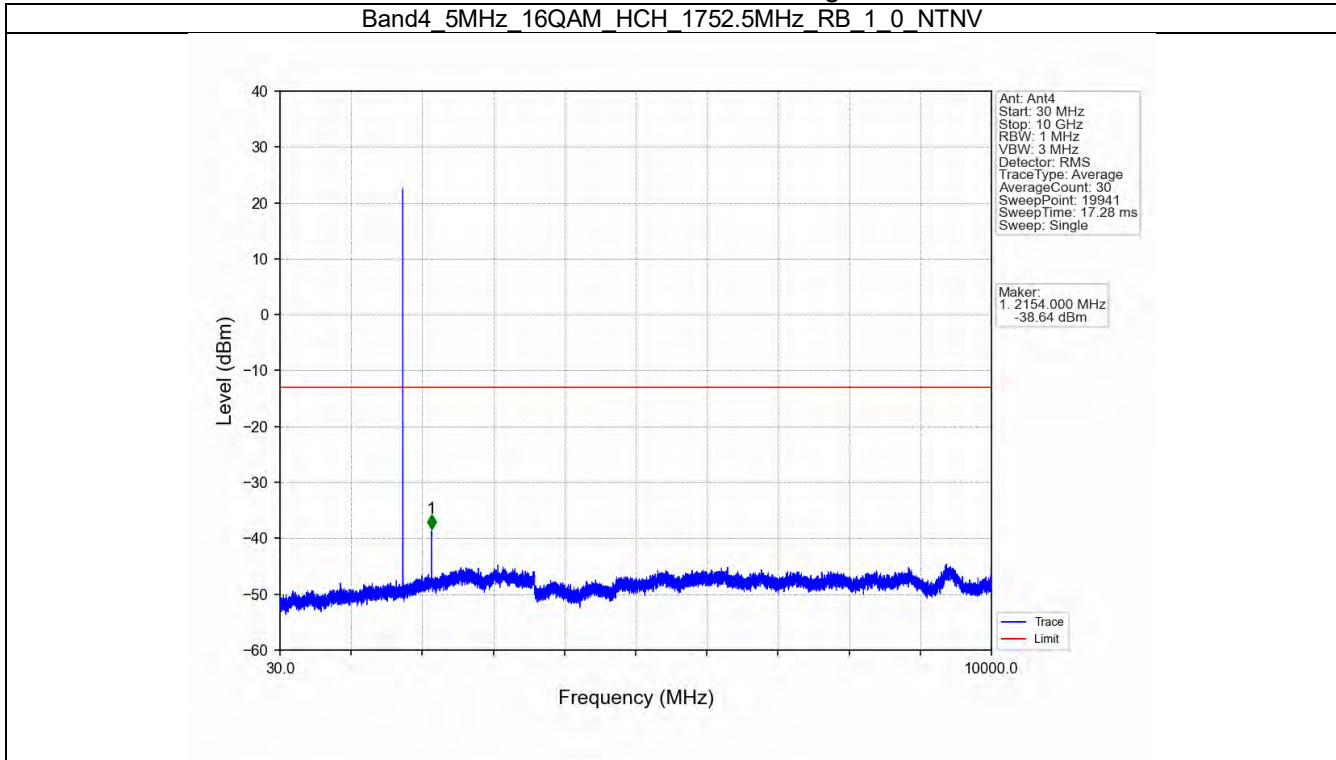


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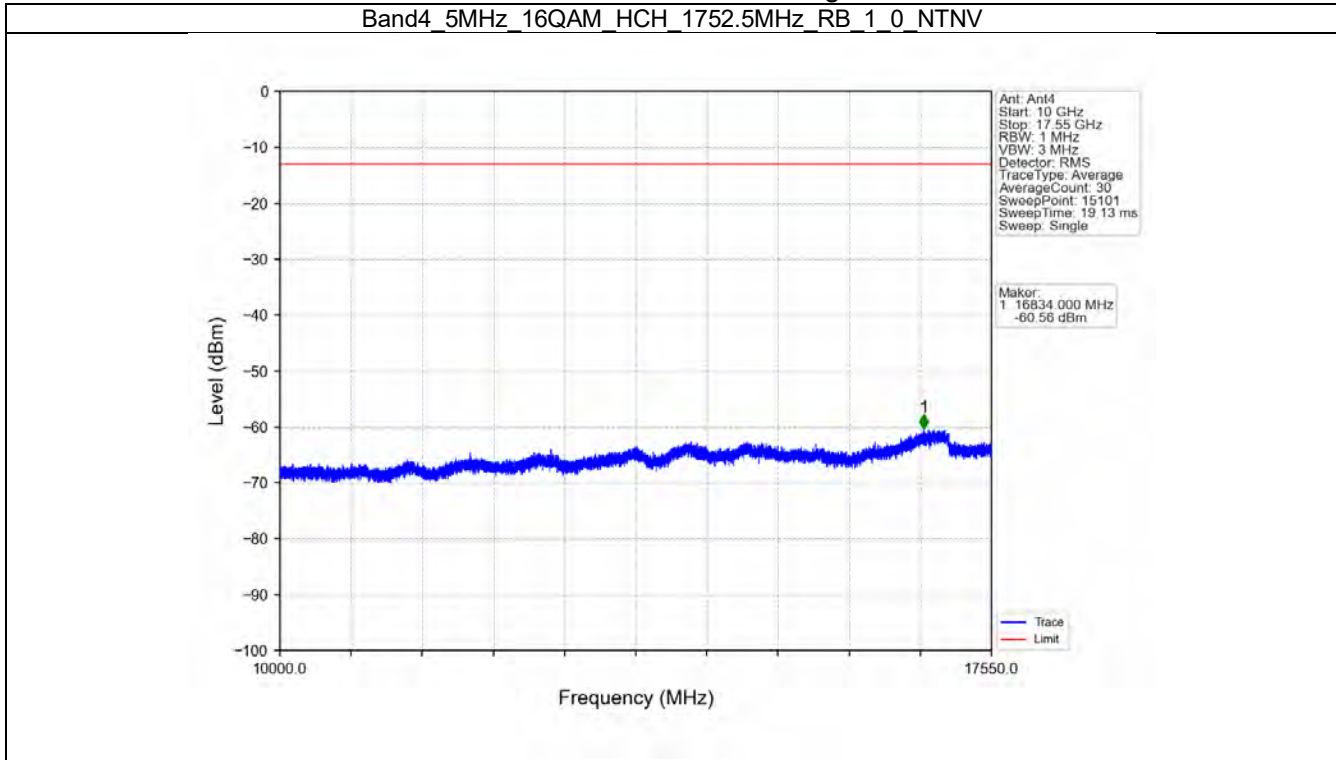


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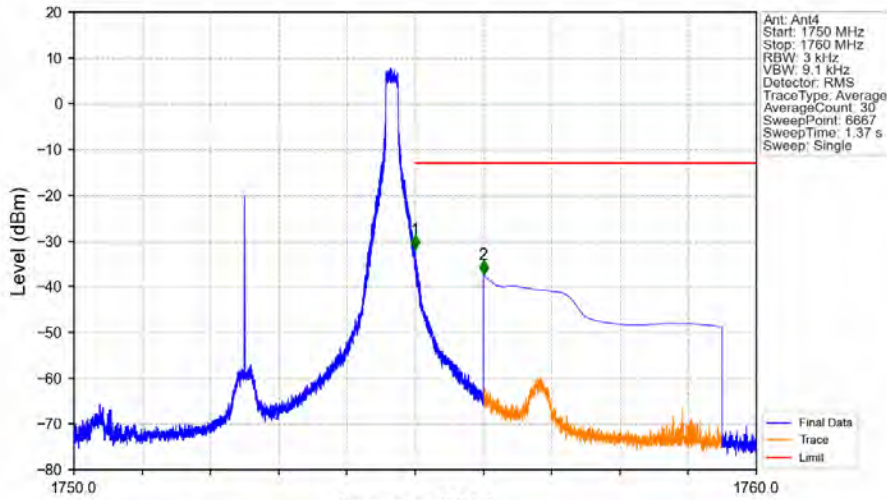


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Band4\_5MHz\_16QAM\_HCH\_1752.5MHz\_RB\_1\_24\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	1	1755.000	-31.82	-13	Pass
1755	1760	1	CHP	2	1756.001	-37.40	-13	Pass



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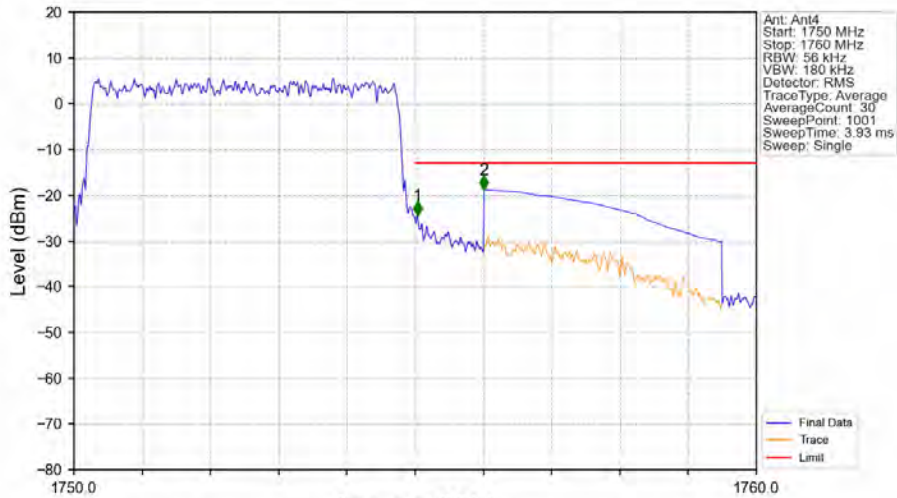
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Band4\_5MHz\_16QAM\_HCH\_1752.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.056	/	1	1755.030	-24.43	-13	Pass
1755	1760	1	CHP	2	1756.010	-18.78	-13	Pass

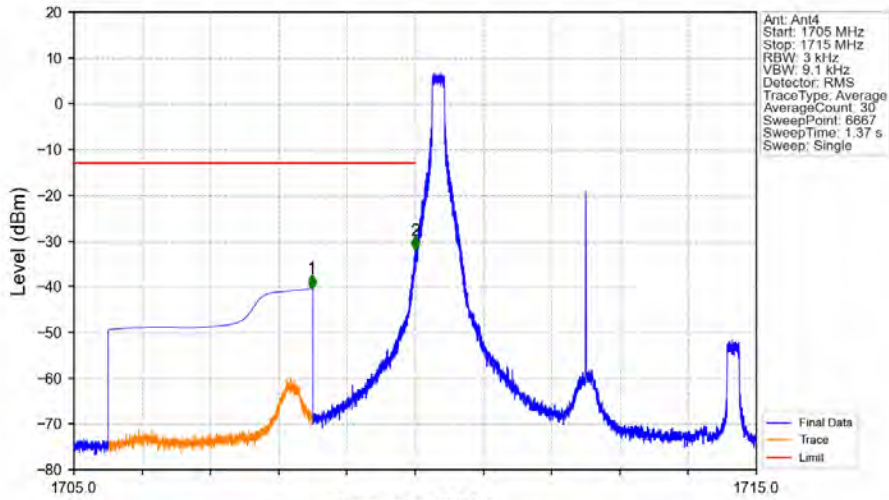


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Band4\_5MHz\_64QAM\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.482	-40.43	-13	Pass
1709	1710	0.003	/	2	1710.000	-32.09	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

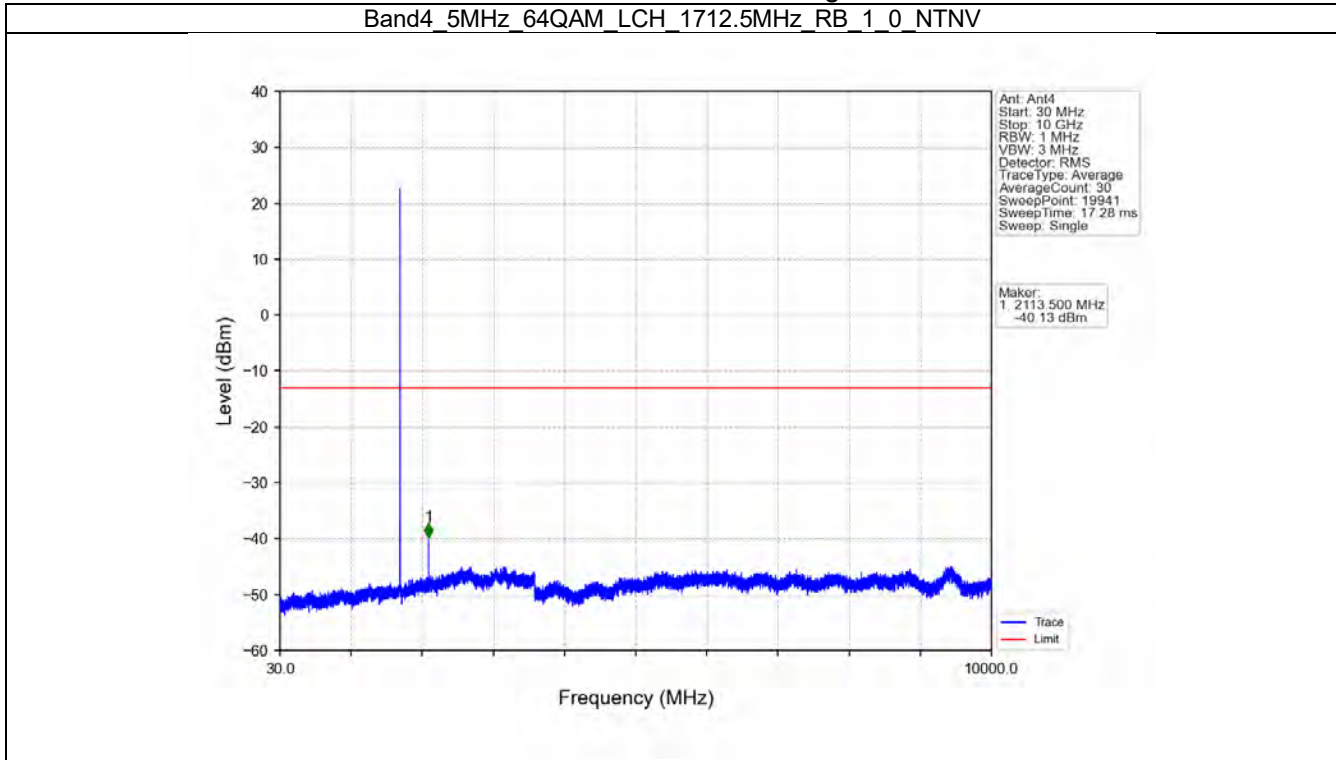


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Band4\_5MHz\_64QAM\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV



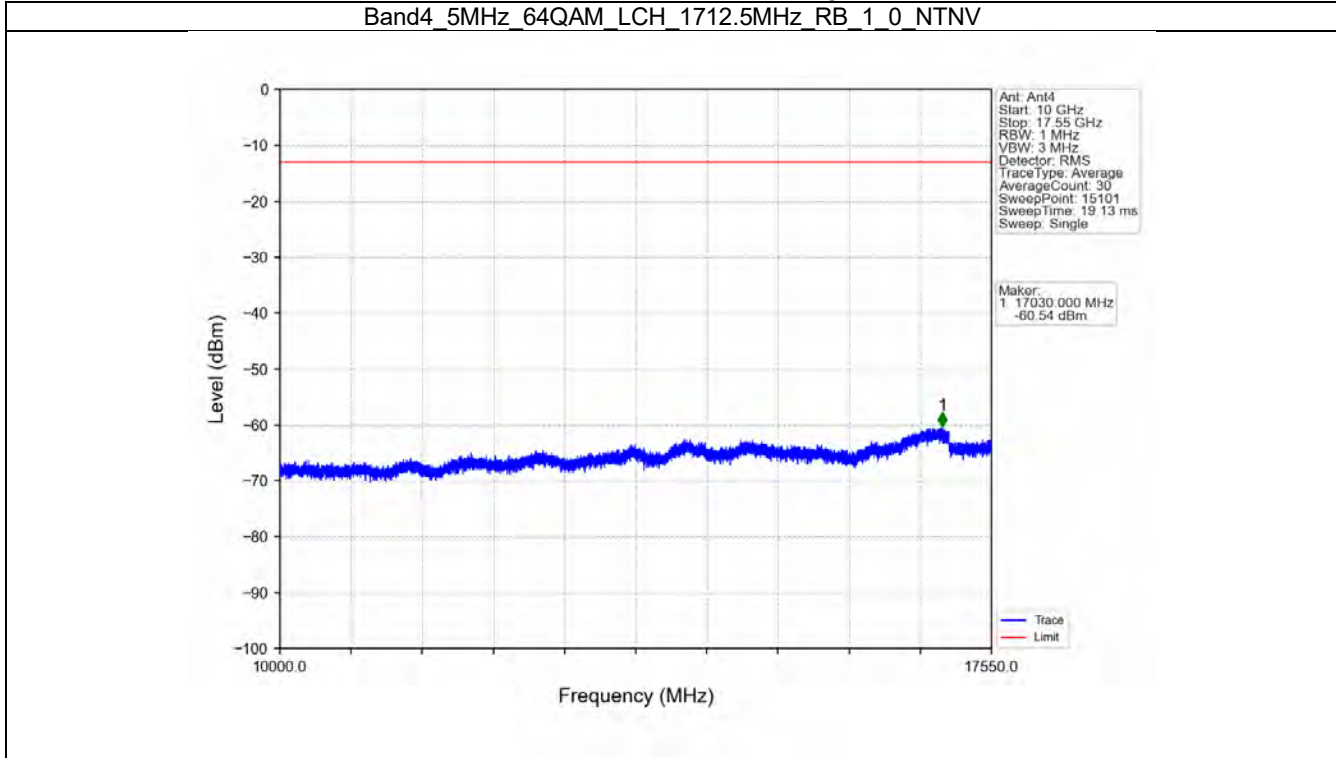
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Band4\_5MHz\_64QAM\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV



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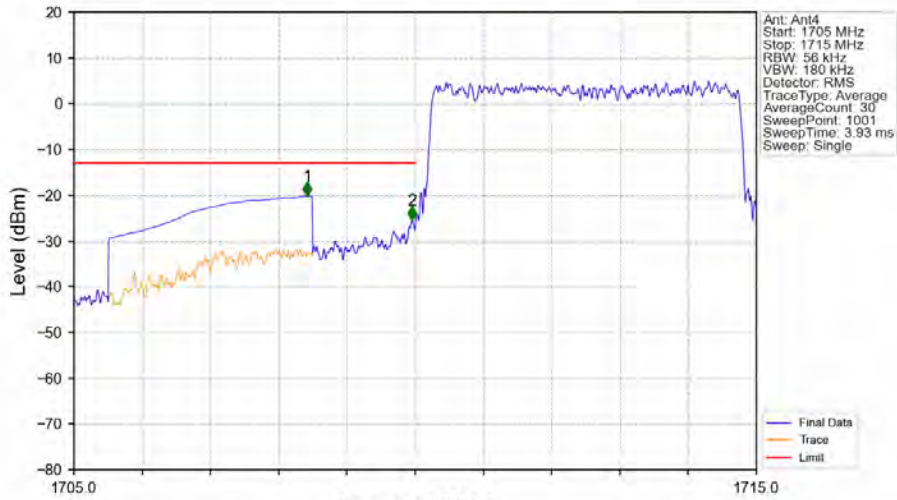
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Band4\_5MHz\_64QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.420	-20.20	-13	Pass
1709	1710	0.056	/	2	1709.950	-25.49	-13	Pass
1710	1715	0.056	/	/	/	/	/	/

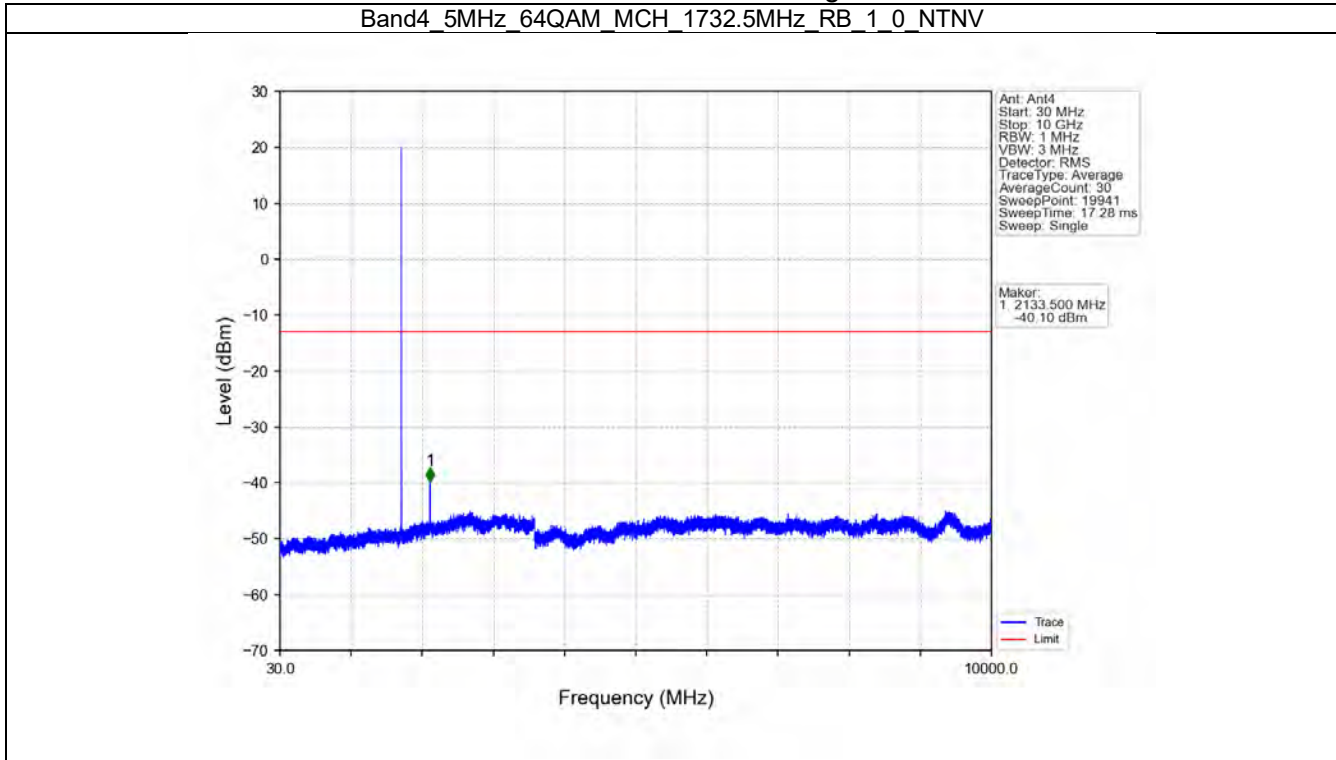


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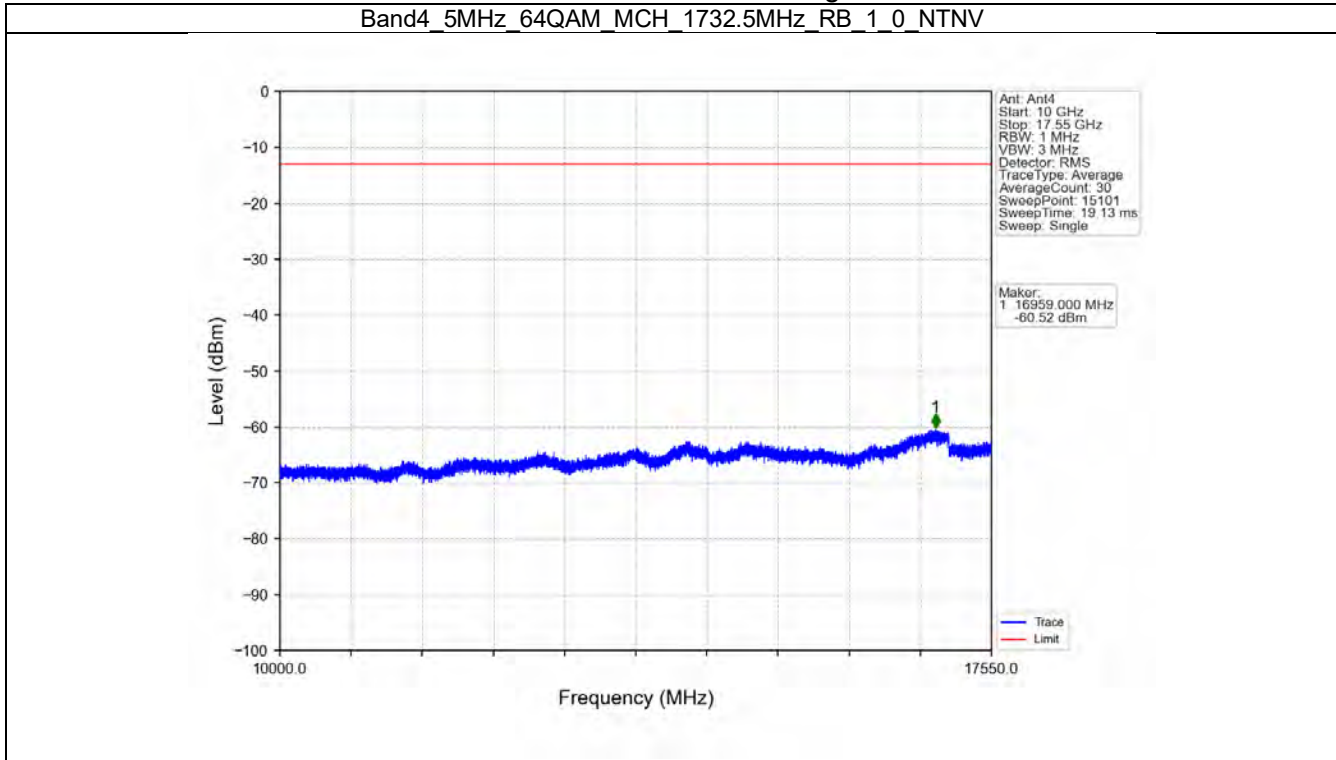
Band4\_5MHz\_64QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



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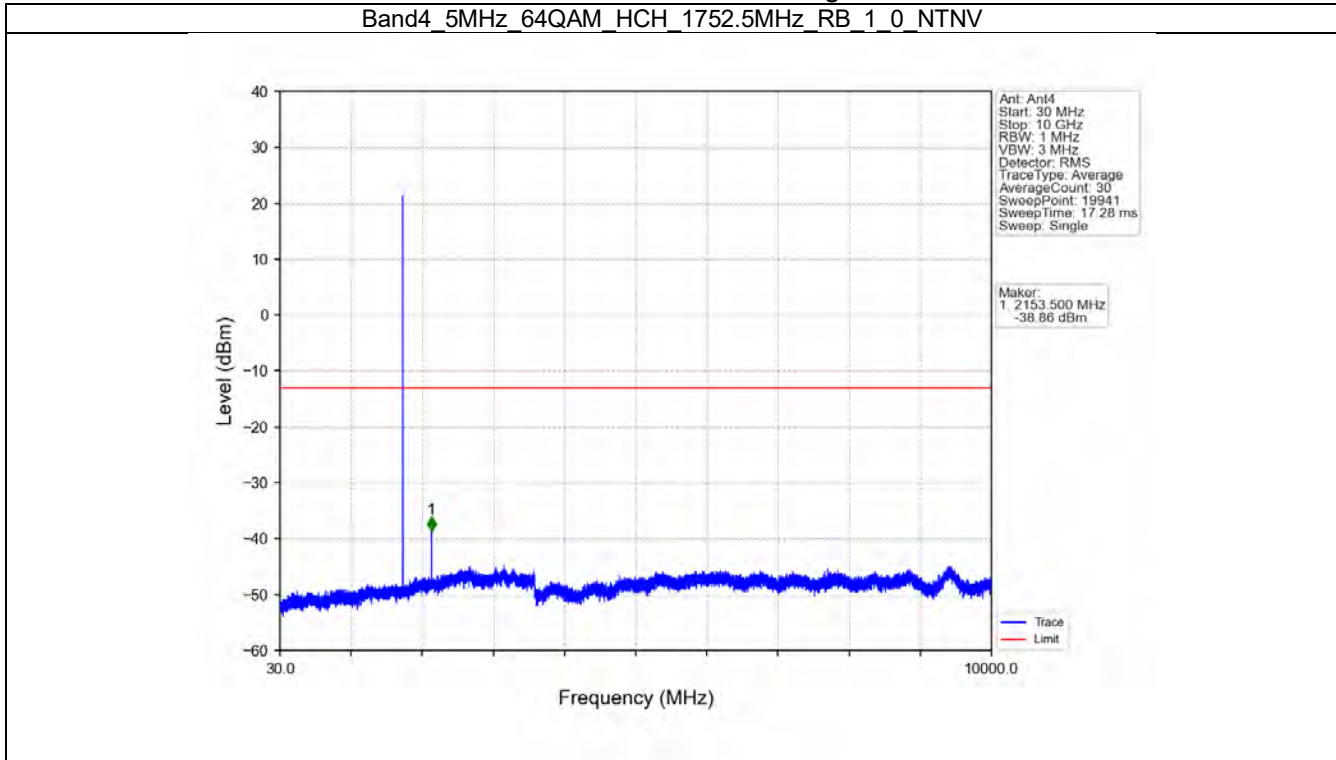
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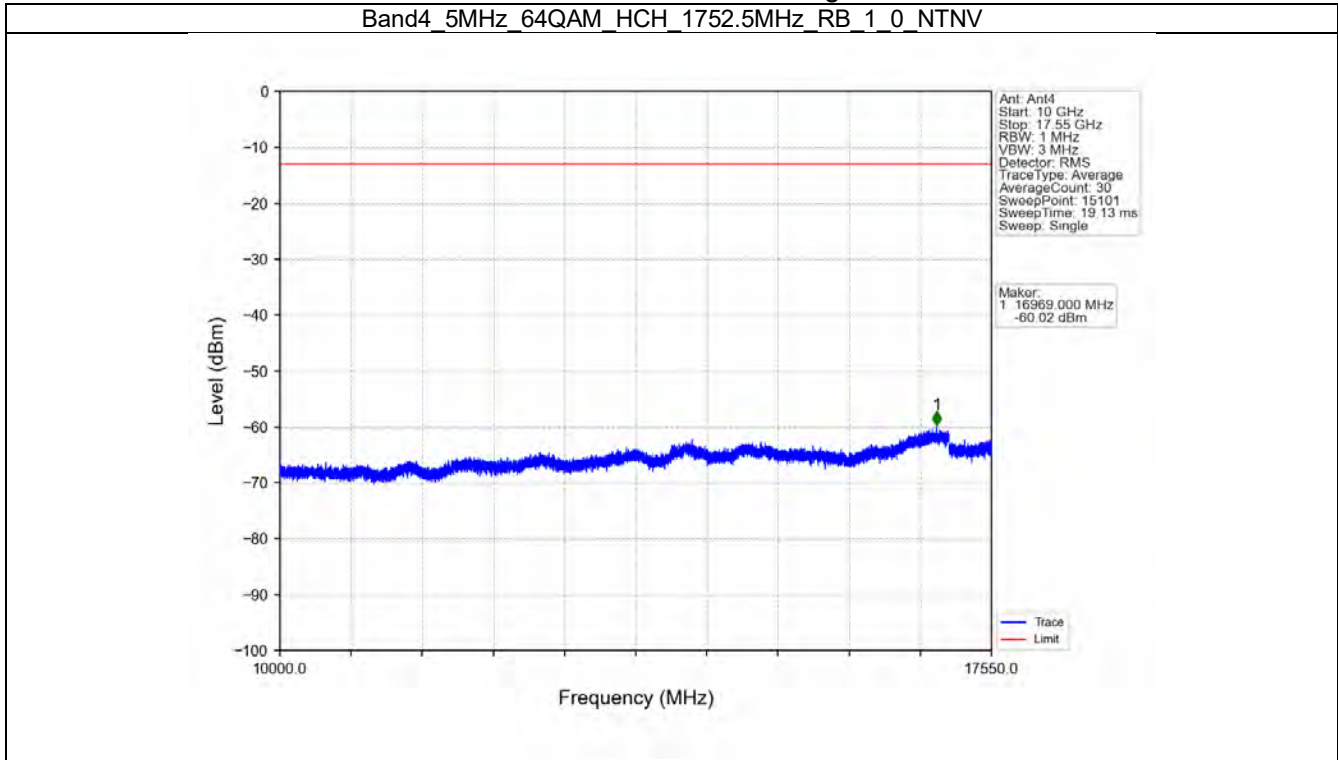
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Band4\_5MHz\_64QAM\_HCH\_1752.5MHz\_RB\_1\_0\_NTNV



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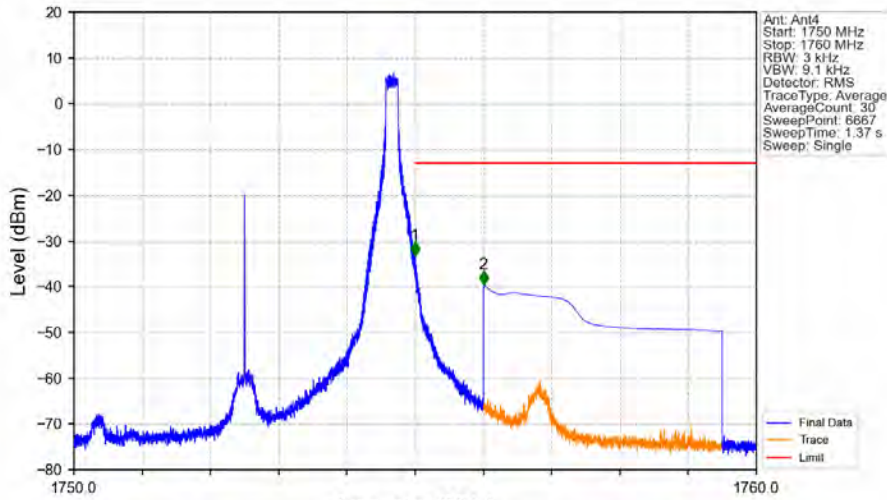
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Band4\_5MHz\_64QAM\_HCH\_1752.5MHz\_RB\_1\_24\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.000	-33.19	-13	Pass
1756	1760	1	CHP	2	1756.001	-39.52	-13	Pass



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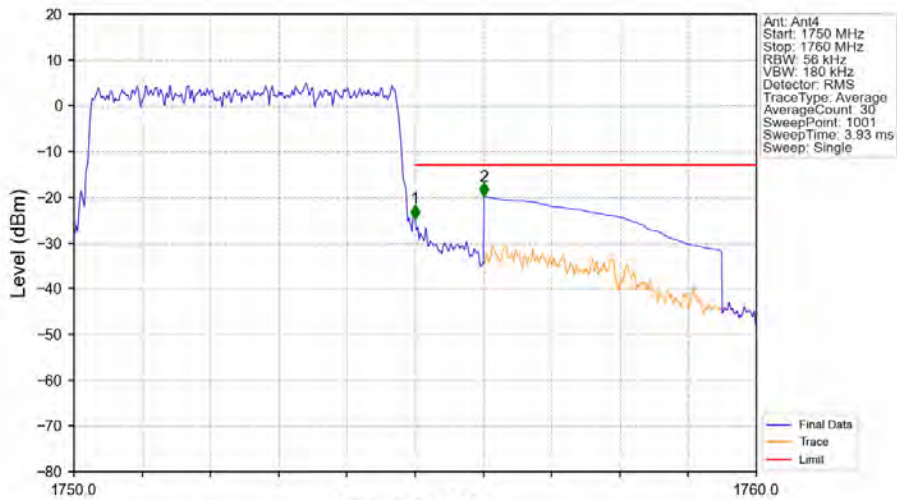
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Band4\_5MHz\_64QAM\_HCH\_1752.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.056	/	/	/	/	/	/
1755	1756	0.056	/	1	1755.000	-24.74	-13	Pass
1756	1760	1	CHP	2	1756.010	-19.83	-13	Pass



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5.4 B4\_10MHz

5.4.1 Test Result

Band: 4 / 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	
	1732.5	1	0	Refer To Test Graph		Pass	
		1750	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	
	1732.5	1	0	Refer To Test Graph		Pass	
		1750	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	
	1732.5	1	0	Refer To Test Graph		Pass	
		1750	1	0	Refer To Test Graph		Pass
				49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass	

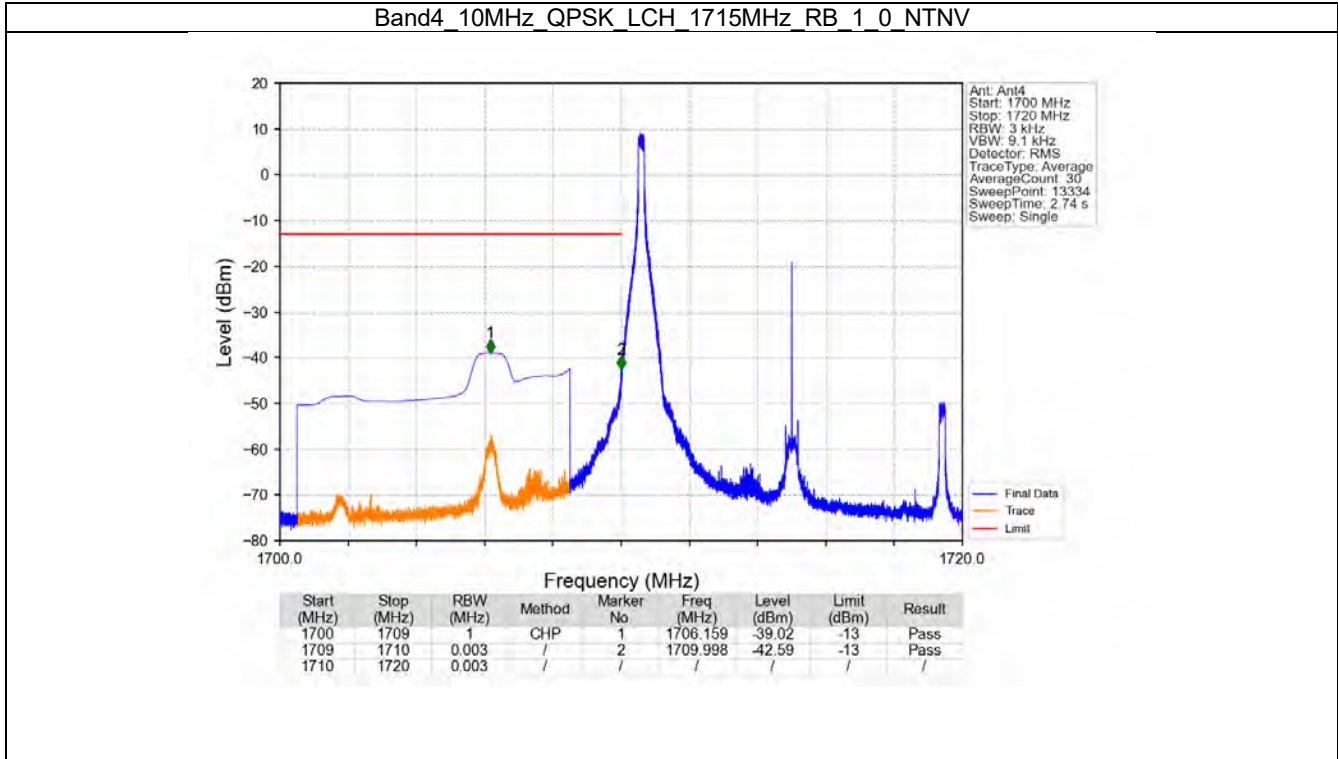


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5.4.2 Test Graph

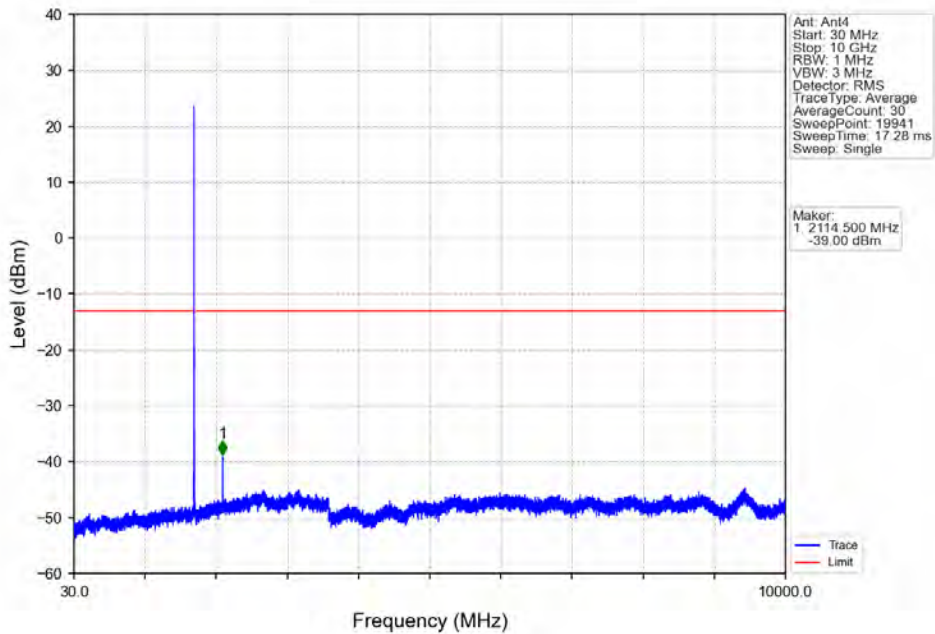


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Band4\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_1\_0\_NTNV

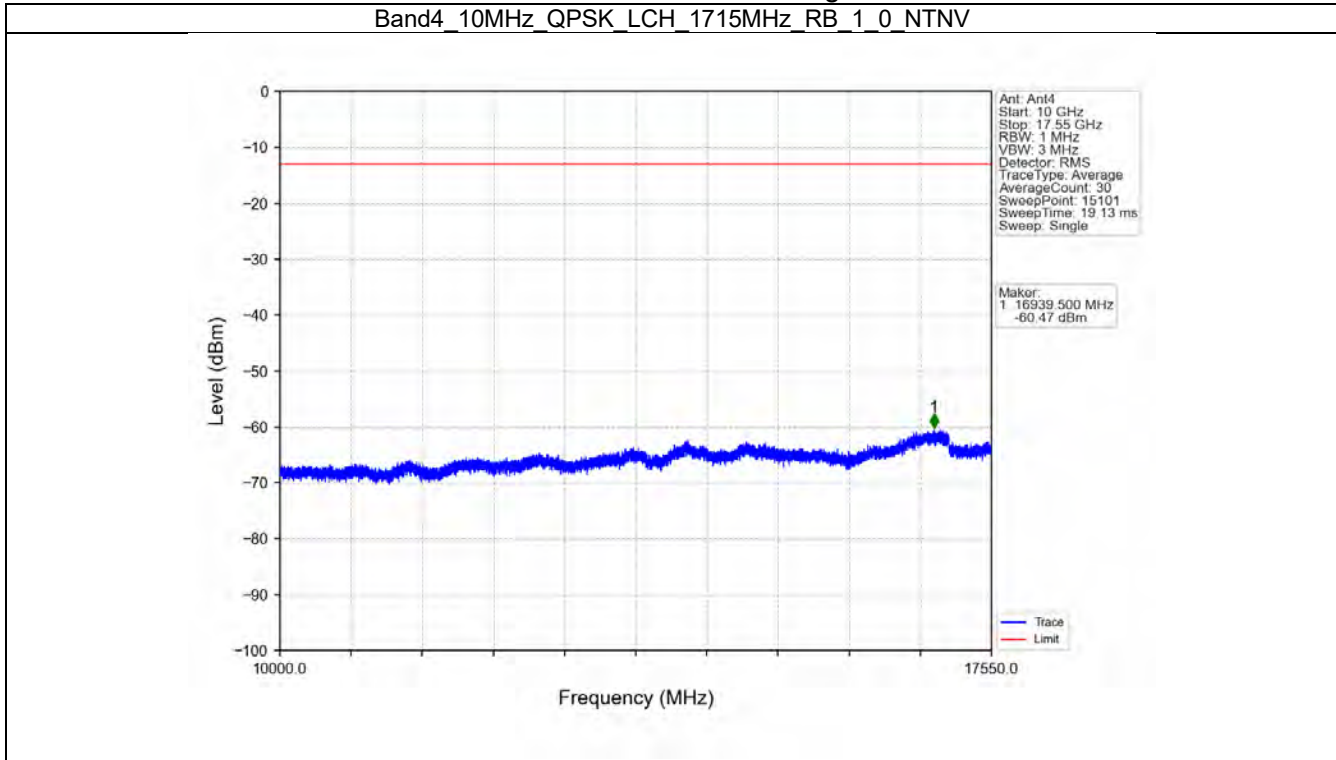


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Band4\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_1\_0\_NTNV



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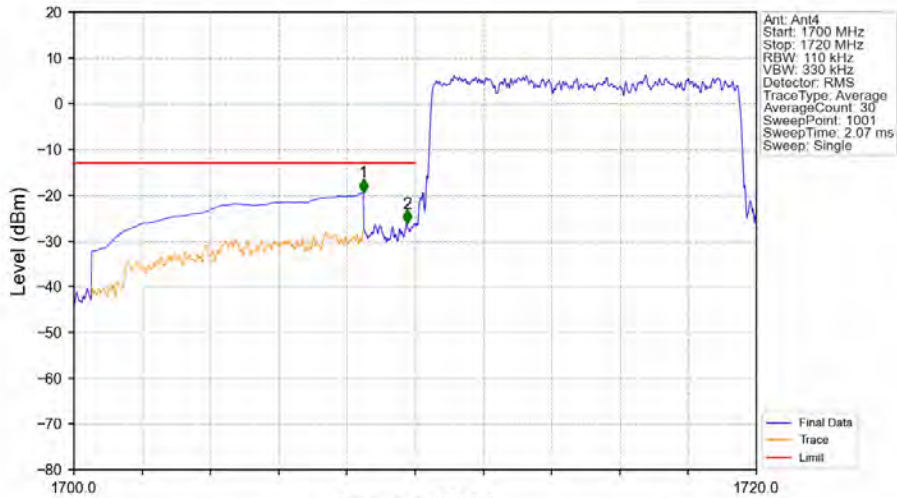


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Band4\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-19.42	-13	Pass
1709	1710	0.11	/	2	1709.760	-26.15	-13	Pass
1710	1720	0.11	/	/	/	/	/	/

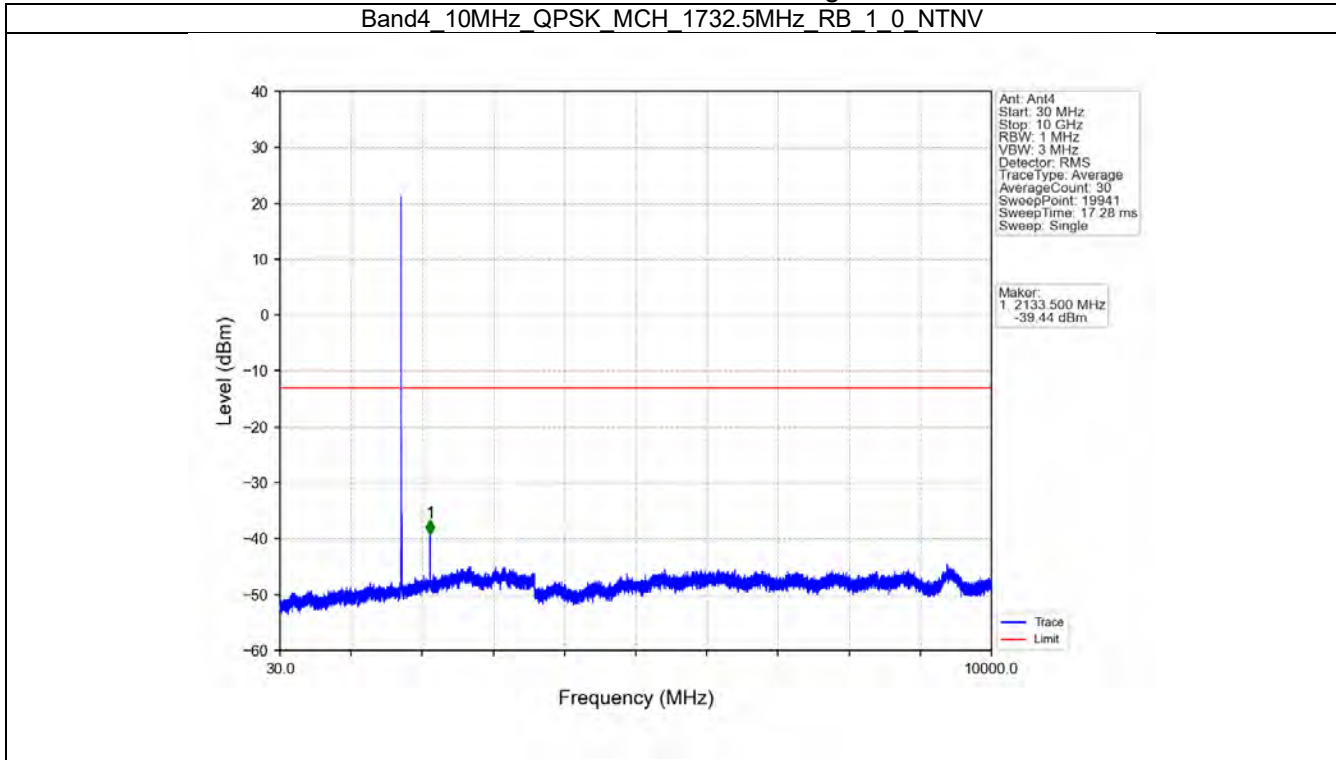


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Band4\_10MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV

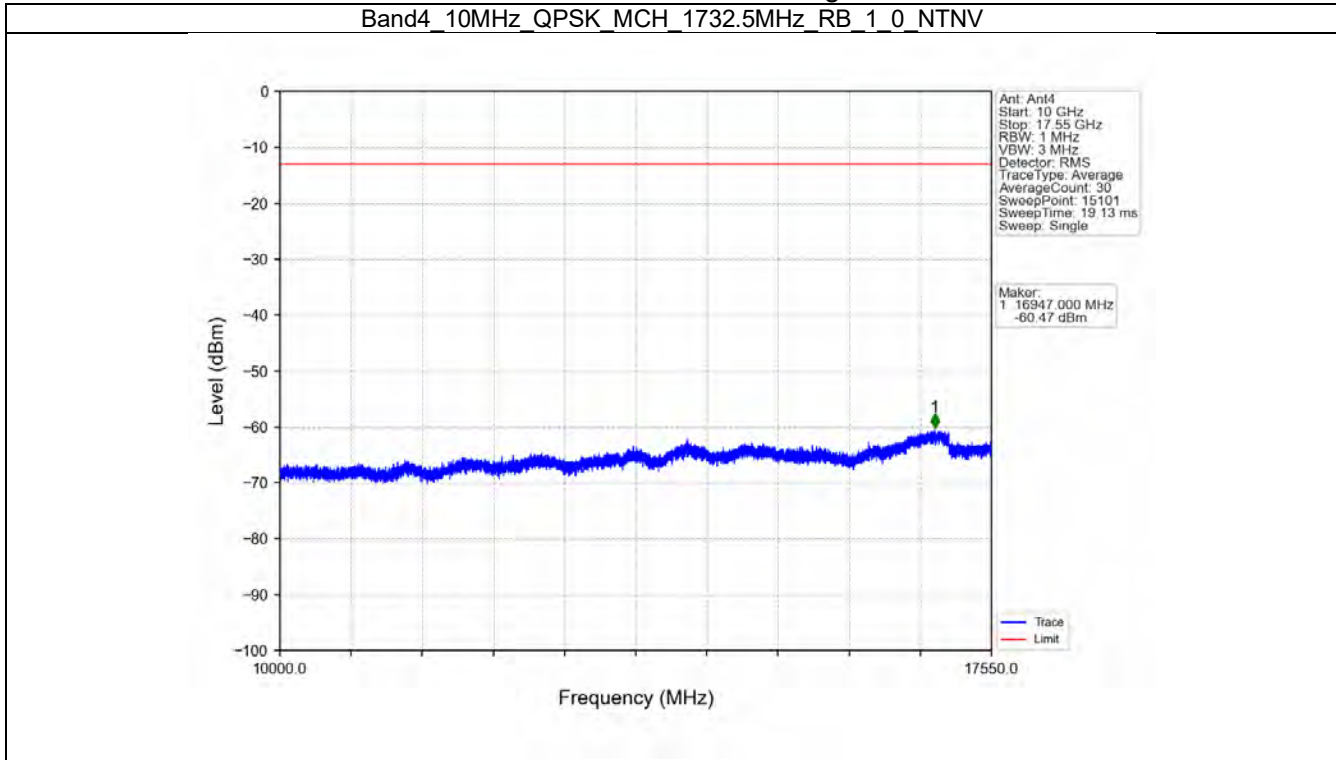


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Band4\_10MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV

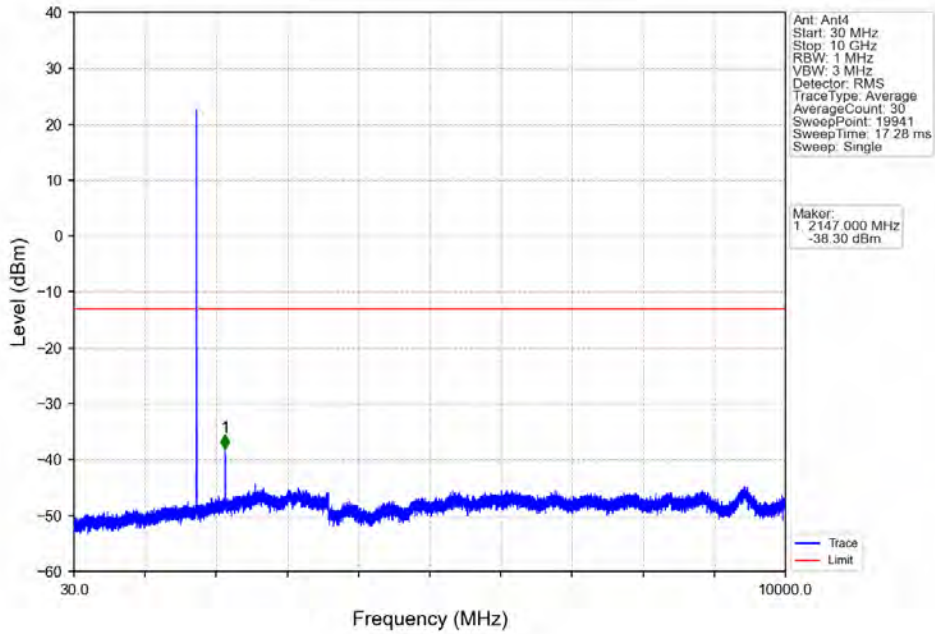


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Band4\_10MHz\_QPSK\_HCH\_1750MHz\_RB\_1\_0\_NTNV

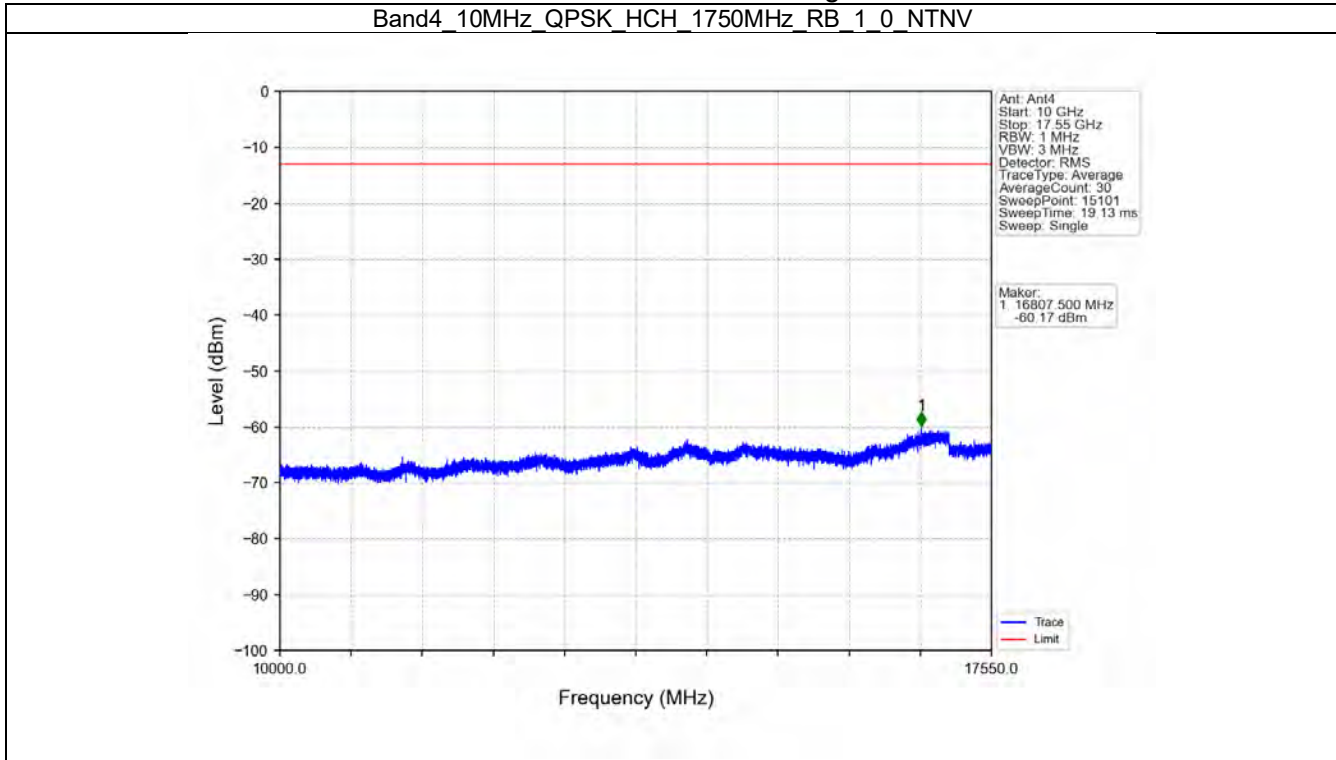


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Band4\_10MHz\_QPSK\_HCH\_1750MHz\_RB\_1\_0\_NTNV



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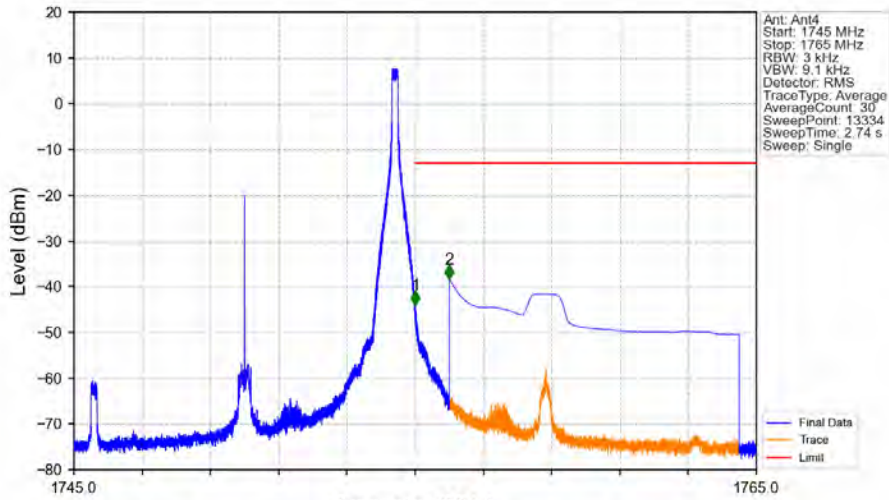
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Band4 10MHz\_QPSK\_HCH\_1750MHz\_RB\_1\_49\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	1	1755.002	-44.07	-13	Pass
1755	1756	0.003	/	2	1756.001	-38.41	-13	Pass



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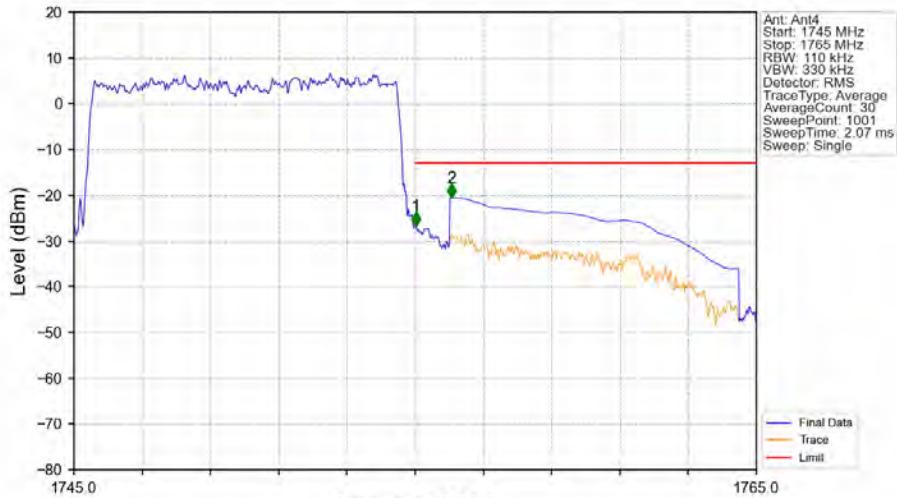
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Band4 10MHz\_QPSK\_HCH\_1750MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.11	/	/	/	/	/	/
1755	1756	0.11	/	1	1755.020	-26.76	-13	Pass
1756	1765	1	CHP	2	1756.060	-20.61	-13	Pass



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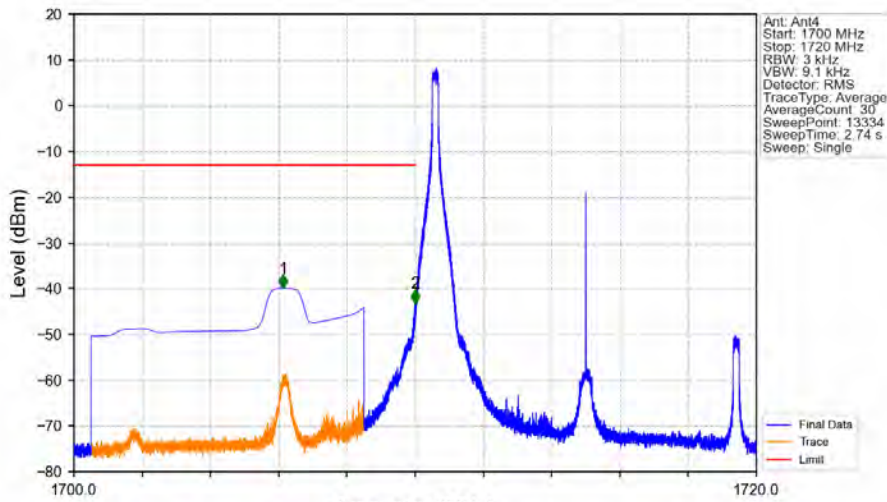
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Report No.: SEWM2311000454RG01

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Band4\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1706.126	-39.94	-13	Pass
1709	1710	0.003	/	2	1709.999	-43.23	-13	Pass
1710	1720	0.003	/	/	/	/	/	/



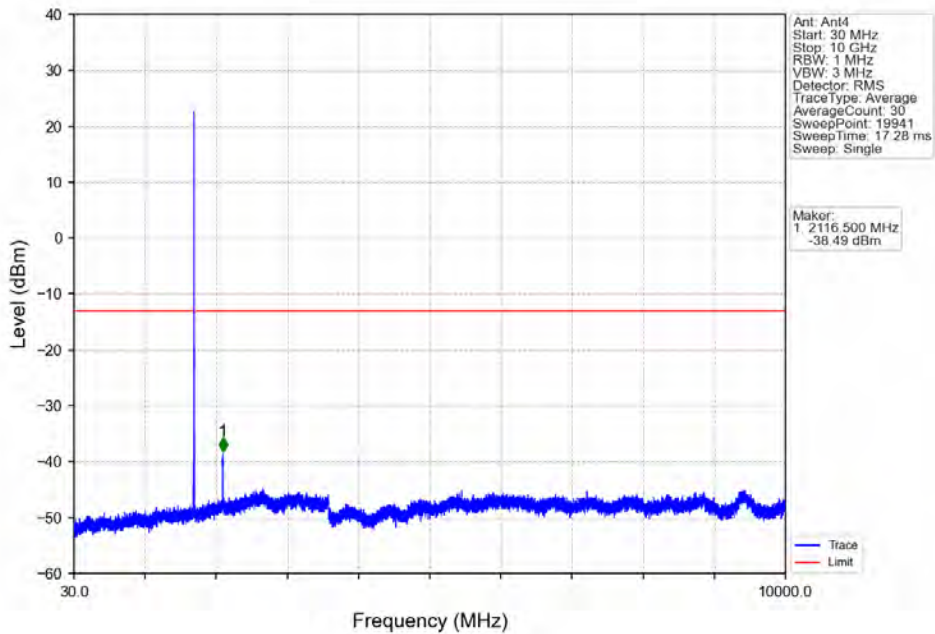
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Band4\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_1\_0\_NTNV

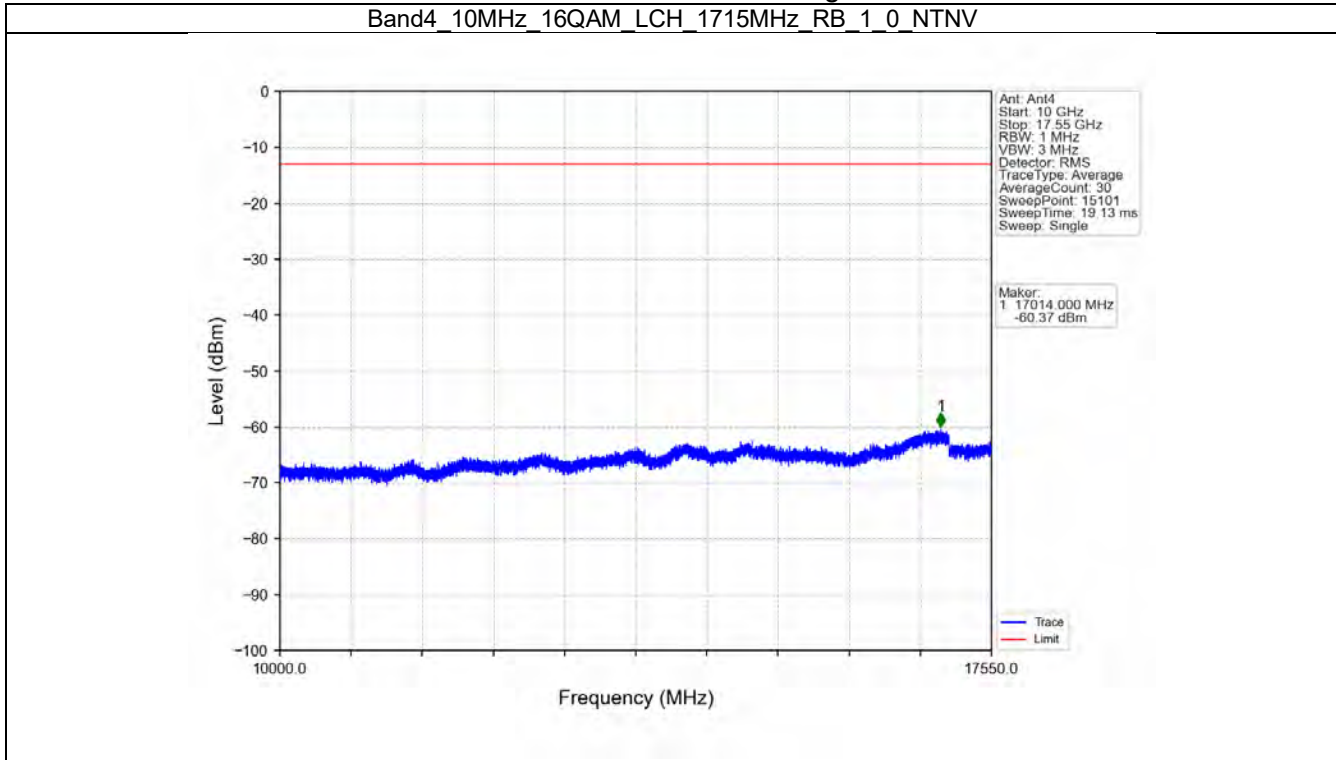


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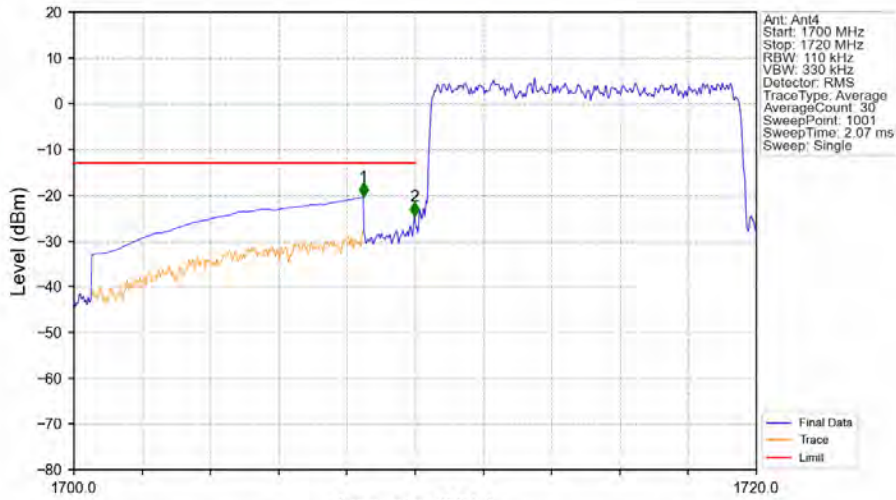
Band4\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_1\_0\_NTNV



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Band4\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_50\_0\_NTNV



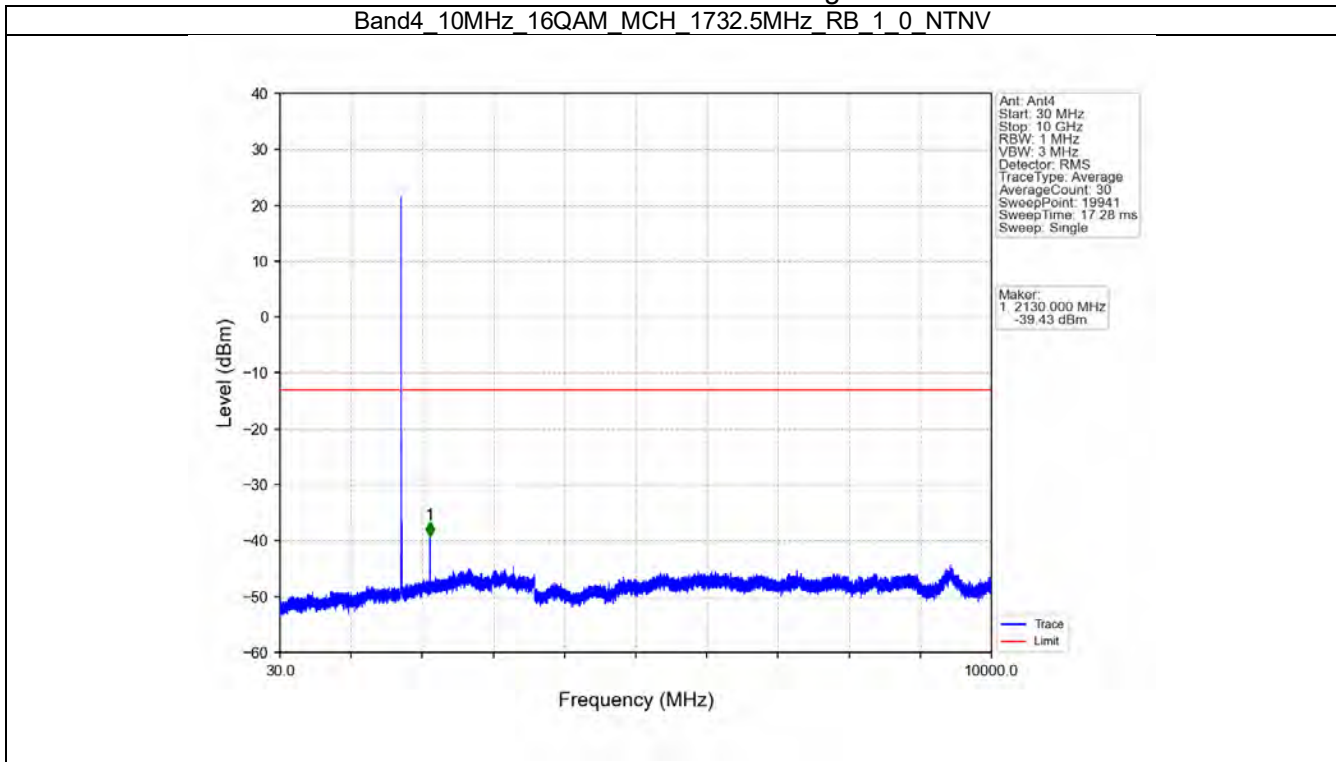
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-20.46	-13	Pass
1709	1710	0.11	/	2	1709.980	-24.58	-13	Pass
1710	1720	0.11	/	/	/	/	/	/

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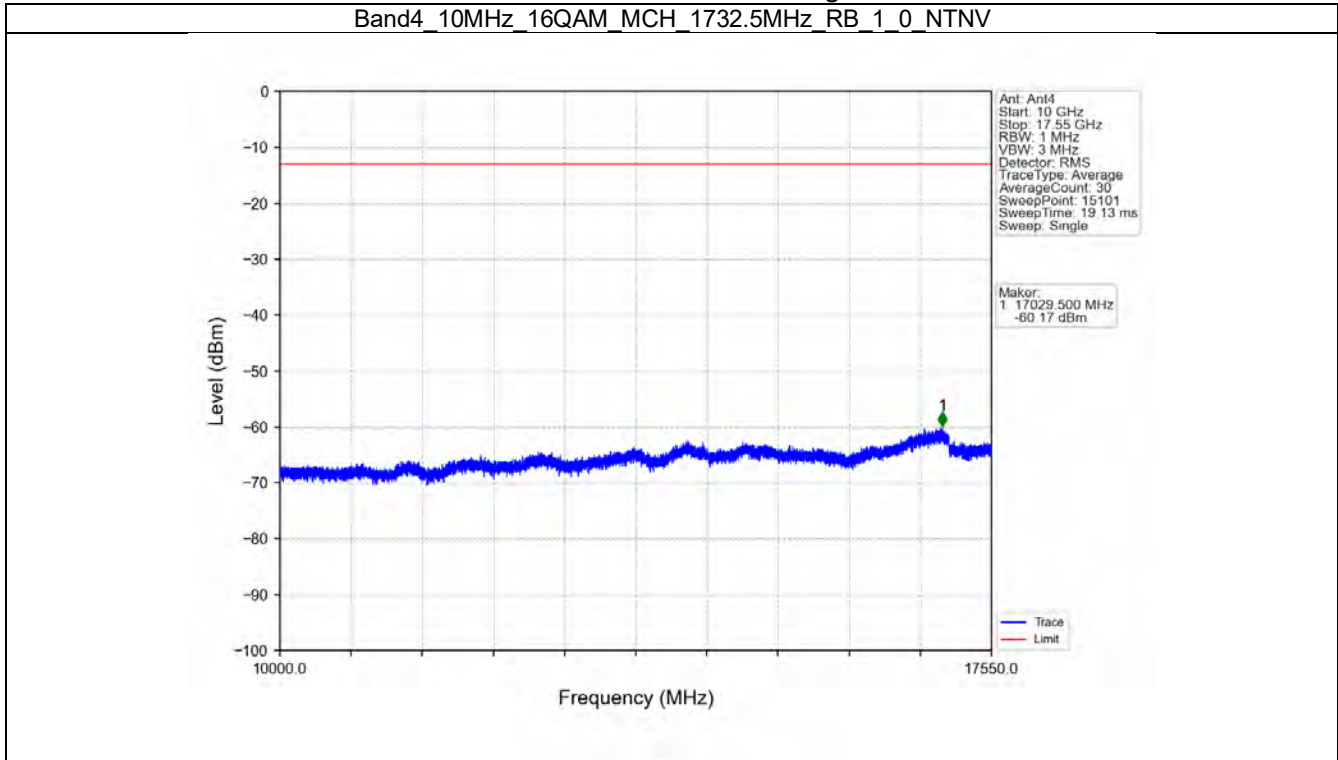


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Band4\_10MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV

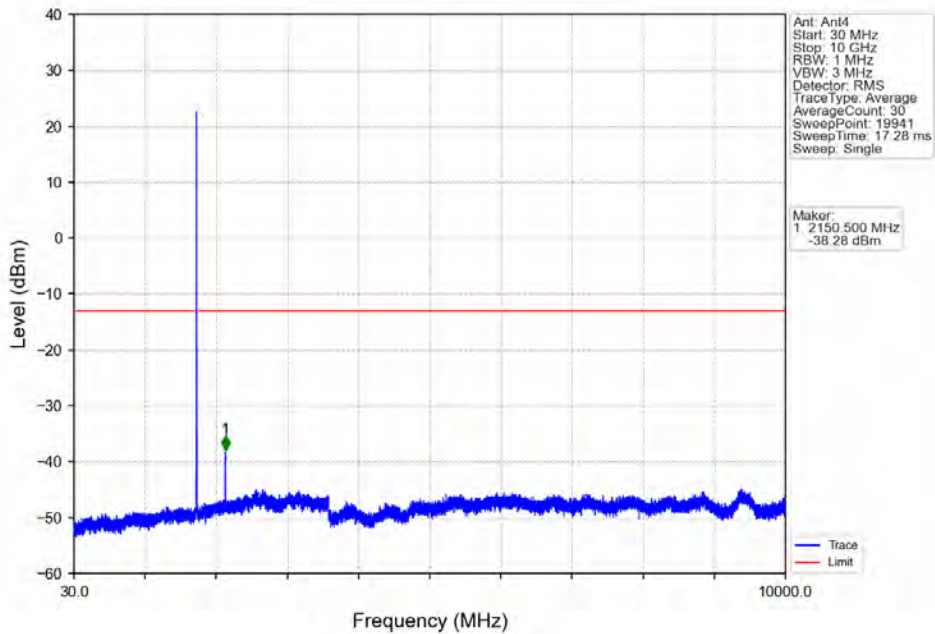


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Band4\_10MHz\_16QAM\_HCH\_1750MHz\_RB\_1\_0\_NTNV

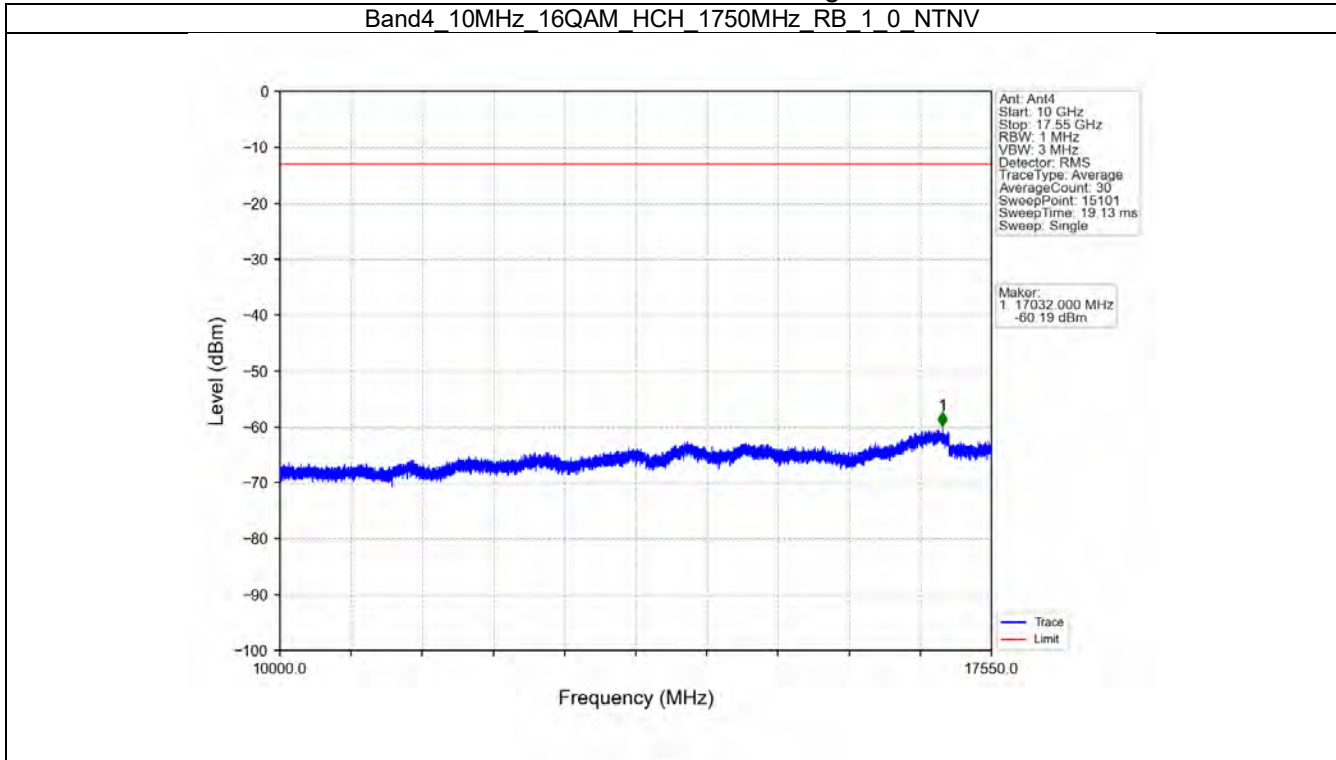


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Band4\_10MHz\_16QAM\_HCH\_1750MHz\_RB\_1\_0\_NTNV



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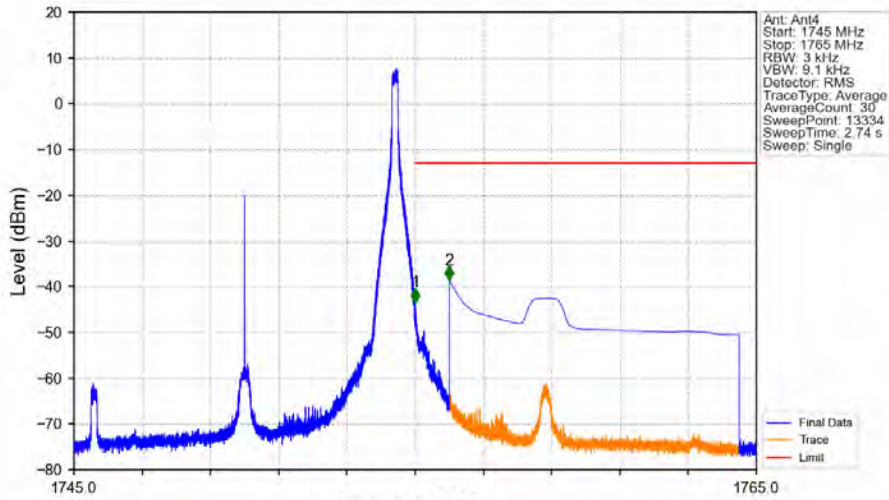
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Band4\_10MHz\_16QAM\_HCH\_1750MHz\_RB\_1\_49\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	1	1755.002	-43.40	-13	Pass
1755	1756	0.003	/	2	1756.001	-38.62	-13	Pass



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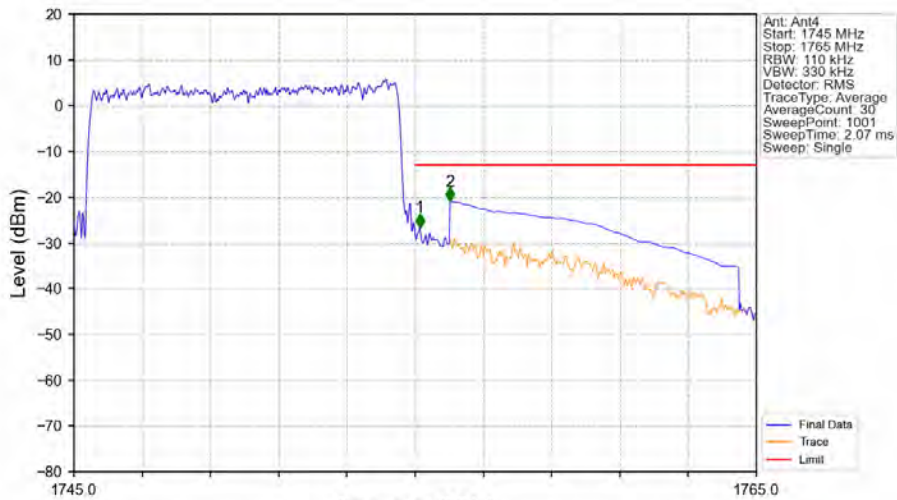


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Band4\_10MHz\_16QAM\_HCH\_1750MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.11	/	/	/	/	/	/
1755	1756	0.11	/	1	1755.140	-26.68	-13	Pass
1756	1765	1	CHP	2	1756.020	-20.90	-13	Pass



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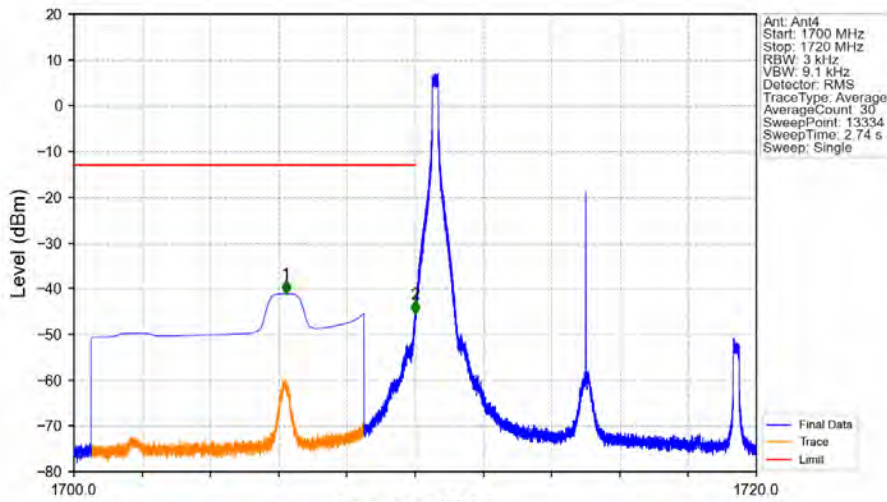
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Band4\_10MHz\_64QAM\_LCH\_1715MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1706.207	-41.15	-13	Pass
1709	1710	0.003	/	2	1709.998	-45.66	-13	Pass
1710	1720	0.003	/	/	/	/	/	/



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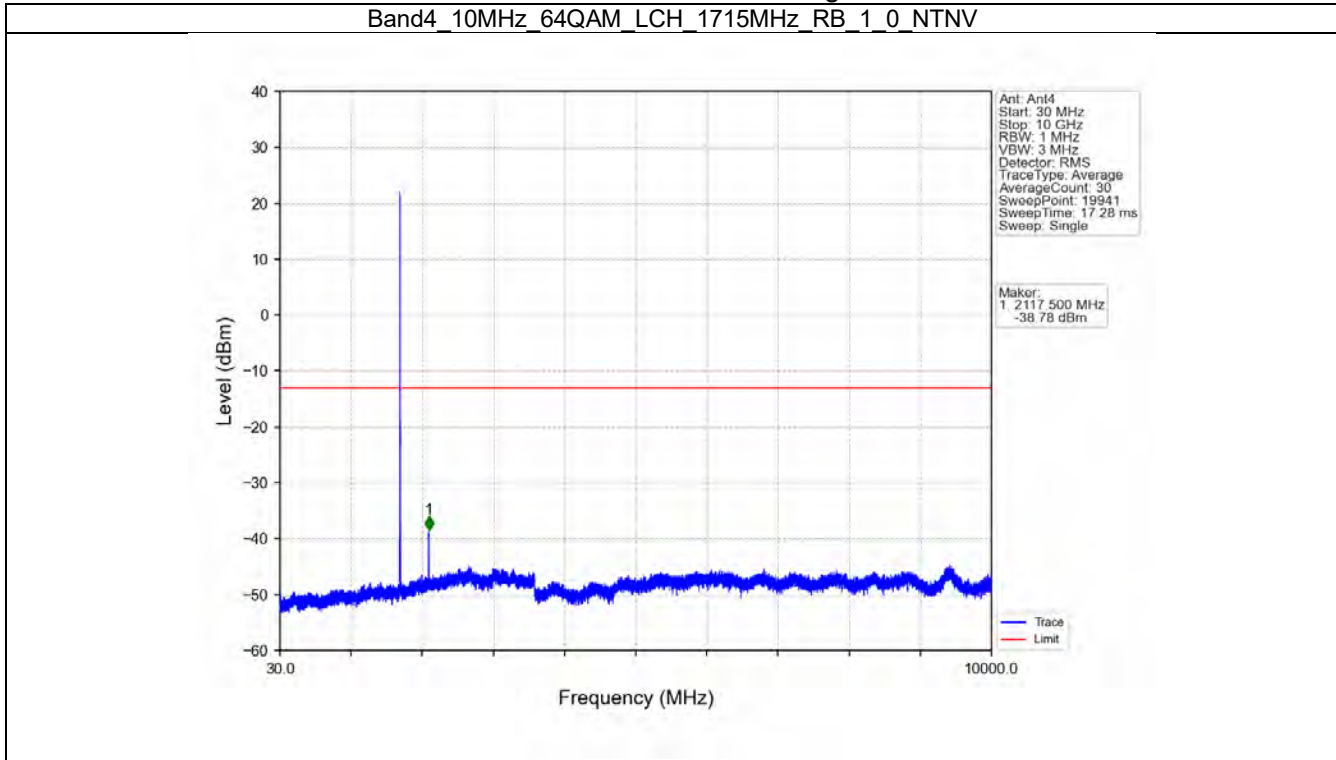
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Band4\_10MHz\_64QAM\_LCH\_1715MHz\_RB\_1\_0\_NTNV



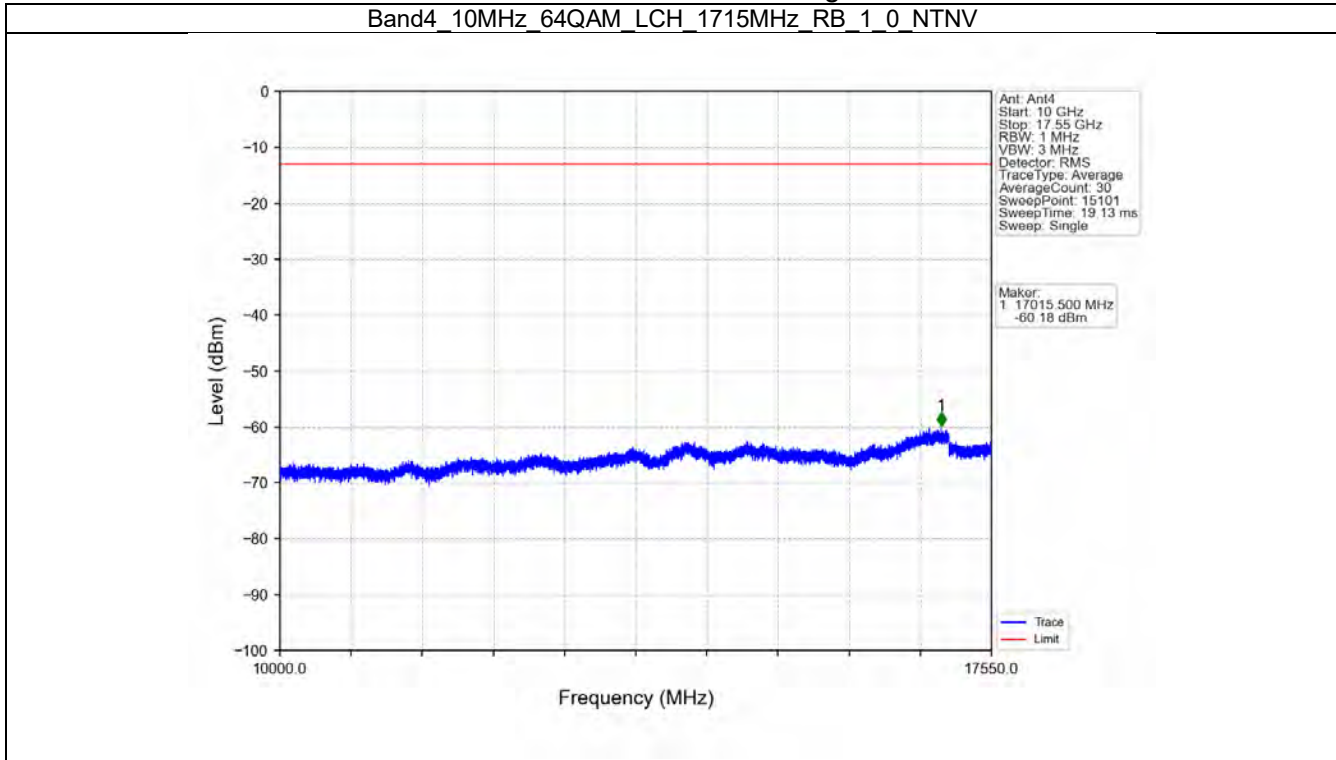
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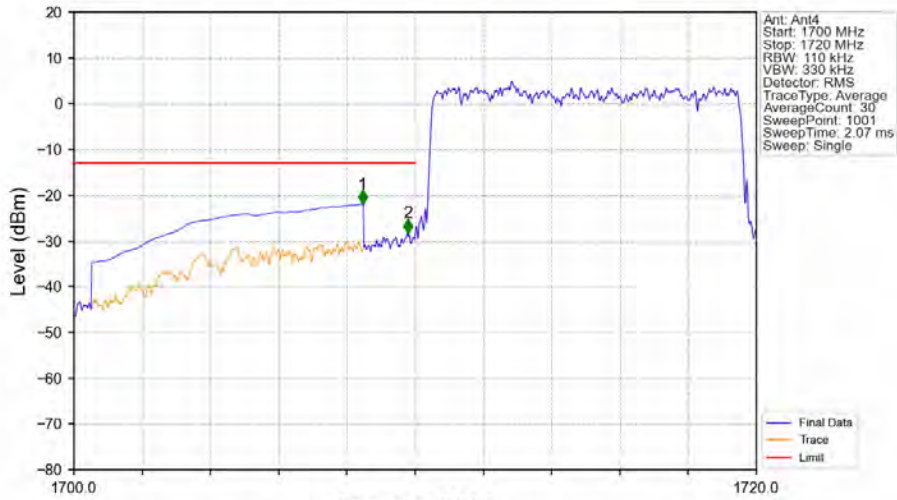


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Band4\_10MHz\_64QAM\_LCH\_1715MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.460	-21.96	-13	Pass
1709	1710	0.11	/	2	1709.780	-28.24	-13	Pass
1710	1720	0.11	/	/	/	/	/	/

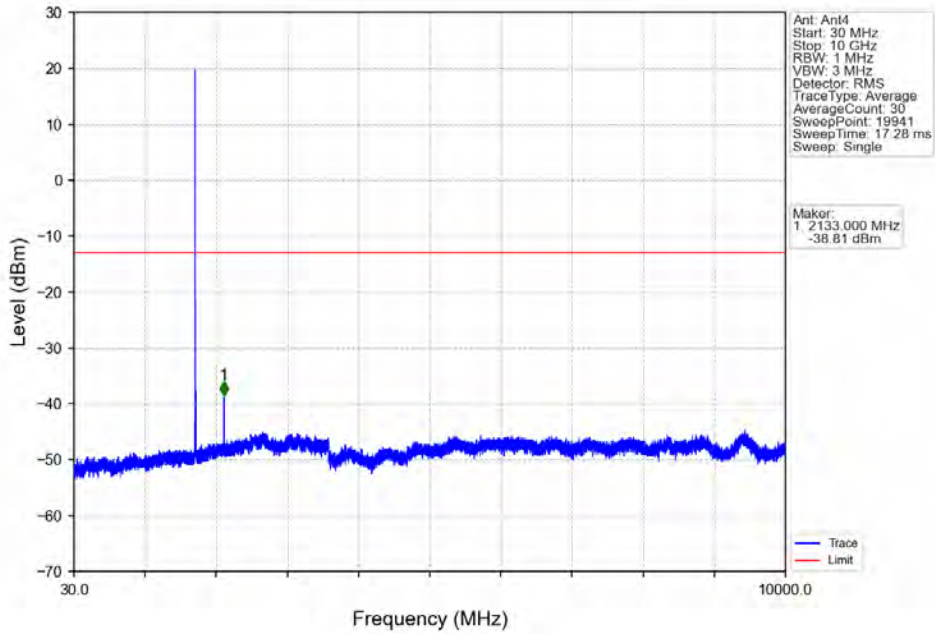


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Band4\_10MHz\_64QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV

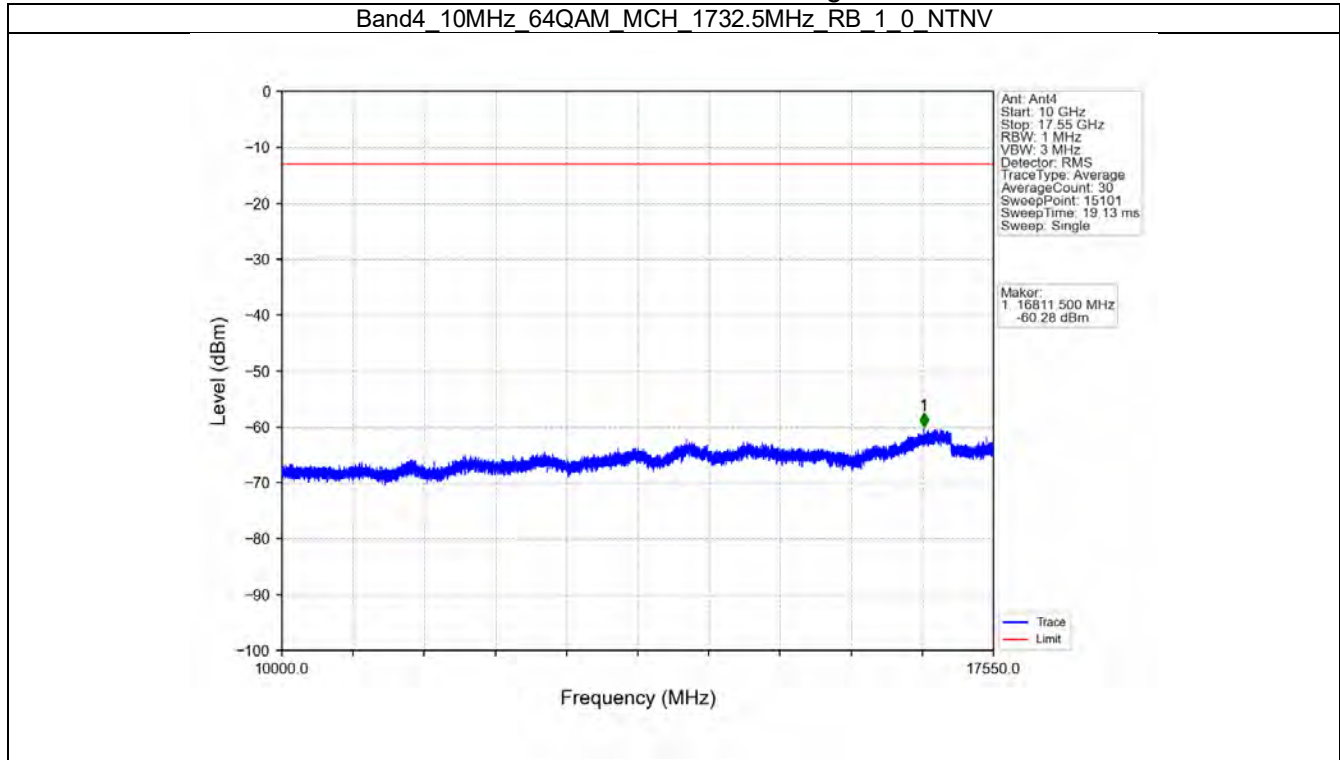


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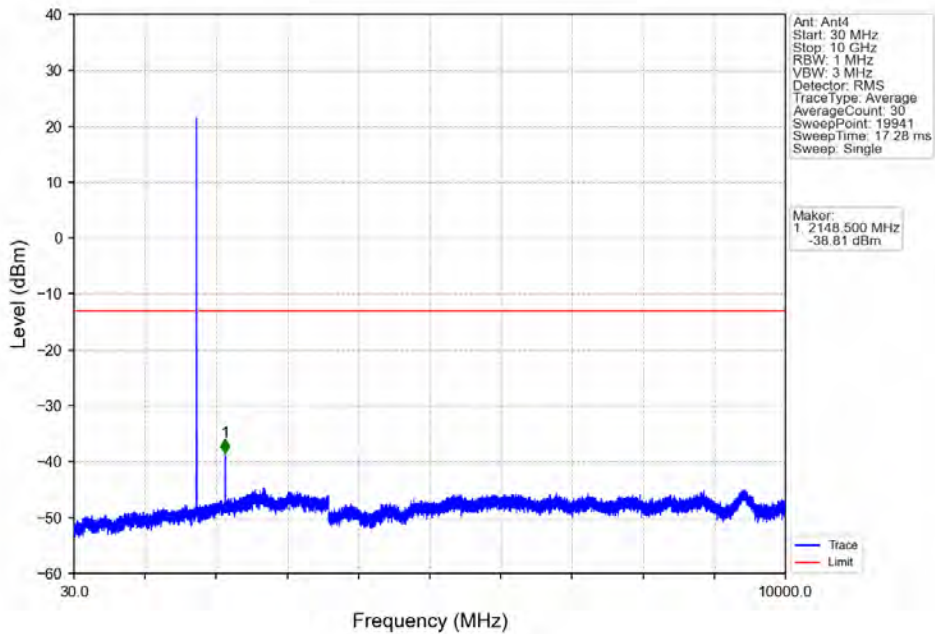


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Band4 10MHz\_64QAM\_HCH\_1750MHz\_RB\_1\_0\_NTNV



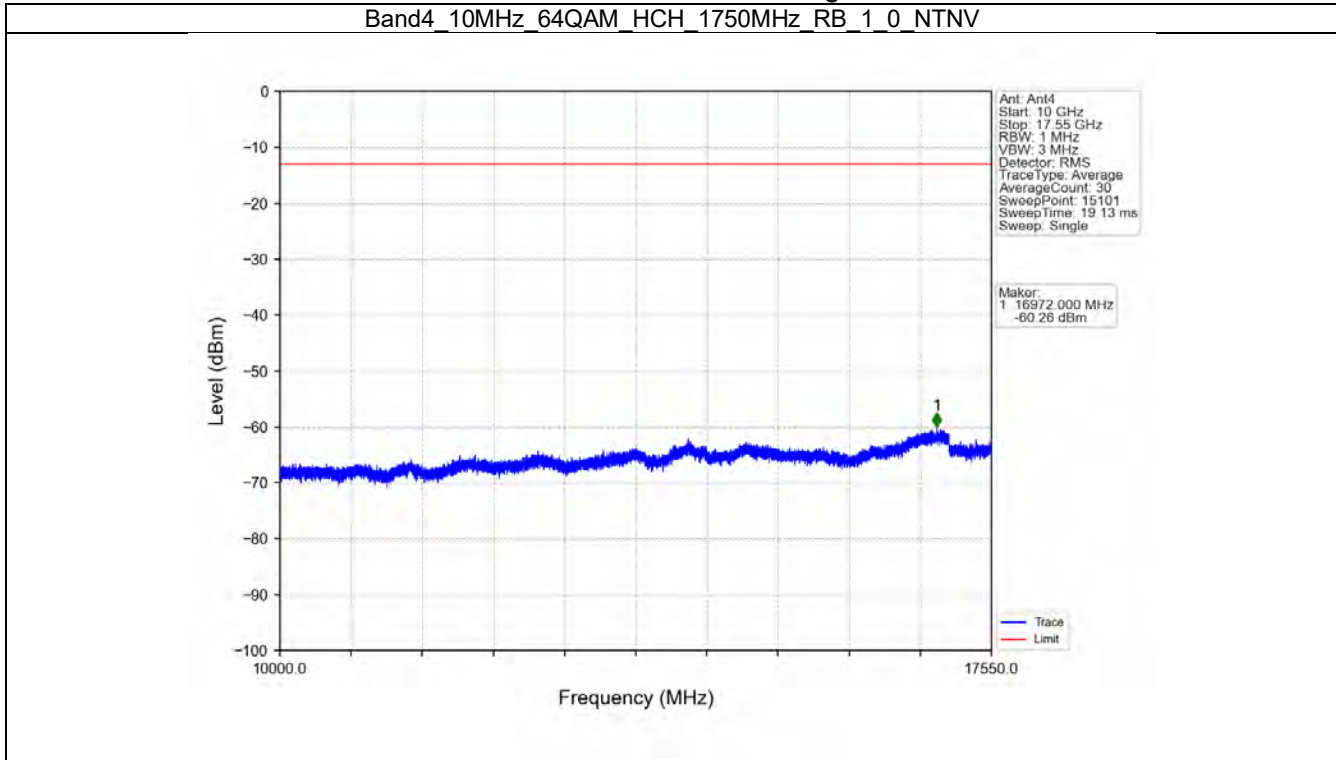
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Band4\_10MHz\_64QAM\_HCH\_1750MHz\_RB\_1\_0\_NTNV



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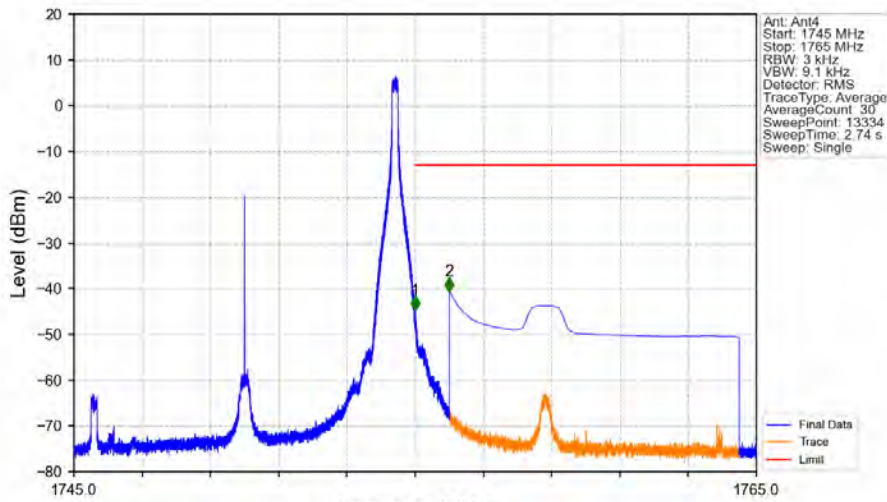
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Band4\_10MHz\_64QAM\_HCH\_1750MHz\_RB\_1\_49\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	1	1755.001	-44.68	-13	Pass
1755	1765	0.003	CHP	2	1756.001	-40.61	-13	Pass



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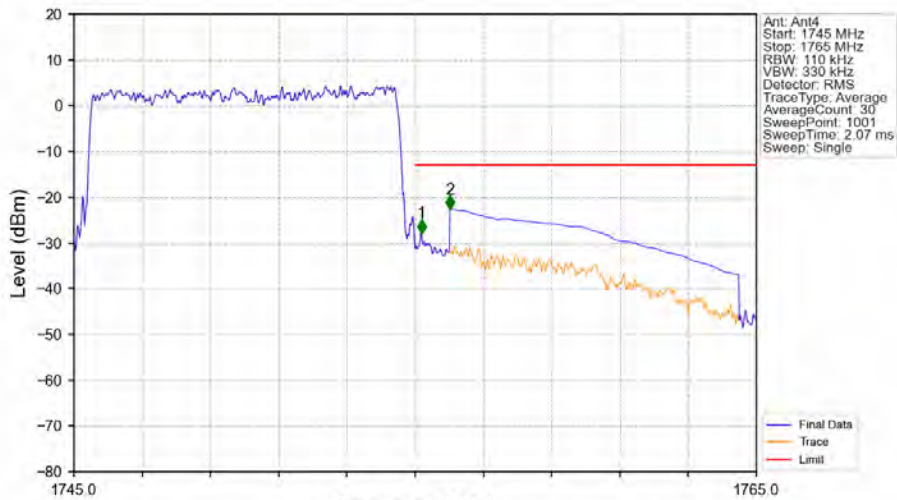
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Band4\_10MHz\_64QAM\_HCH\_1750MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.11	/	/	/	/	/	/
1755	1756	0.11	/	1	1755.180	-27.88	-13	Pass
1756	1765	1	CHP	2	1756.020	-22.69	-13	Pass



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5.5 B4\_15MHz

5.5.1 Test Result

Band: 4 / Bandwidth: 15MHz / NTNV							
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	
	1732.5	1	0	Refer To Test Graph		Pass	
		1747.5	1	0	Refer To Test Graph		Pass
				74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass	
16QAM	1717.5	1	0	Refer To Test Graph		Pass	
		75	0	Refer To Test Graph		Pass	
	1732.5	1	0	Refer To Test Graph		Pass	
		1747.5	1	0	Refer To Test Graph		Pass
				74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass	
64QAM	1717.5	1	0	Refer To Test Graph		Pass	
		75	0	Refer To Test Graph		Pass	
	1732.5	1	0	Refer To Test Graph		Pass	
		1747.5	1	0	Refer To Test Graph		Pass
				74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass	



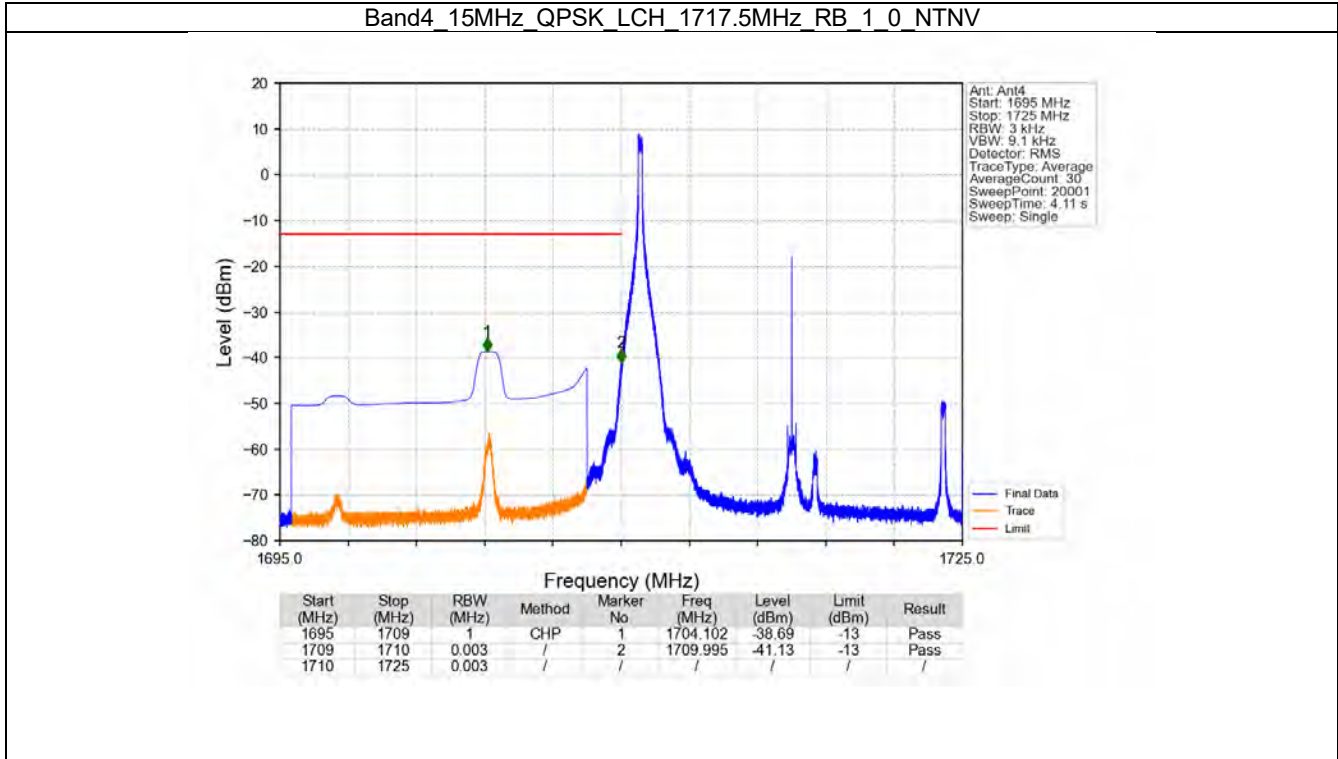
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5.5.2 Test Graph



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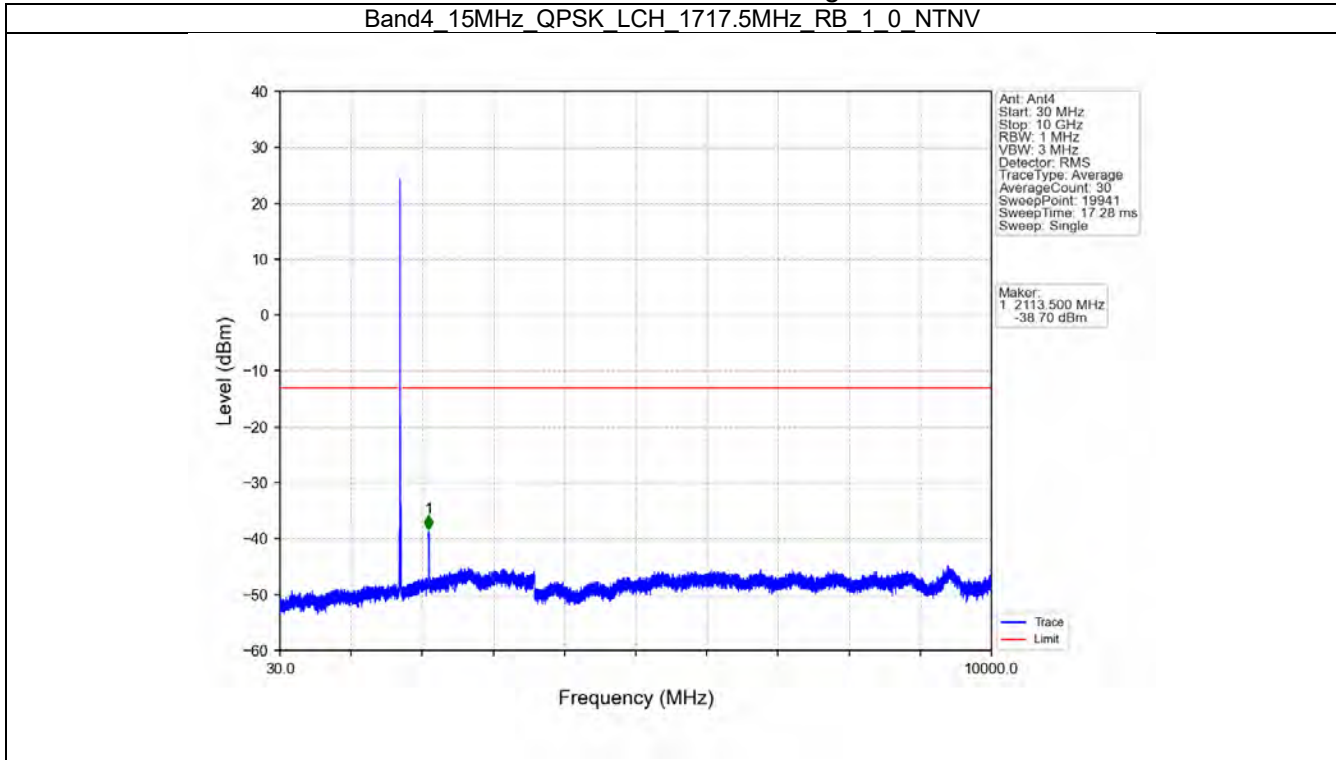
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Band4 15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_1\_0\_NTNV



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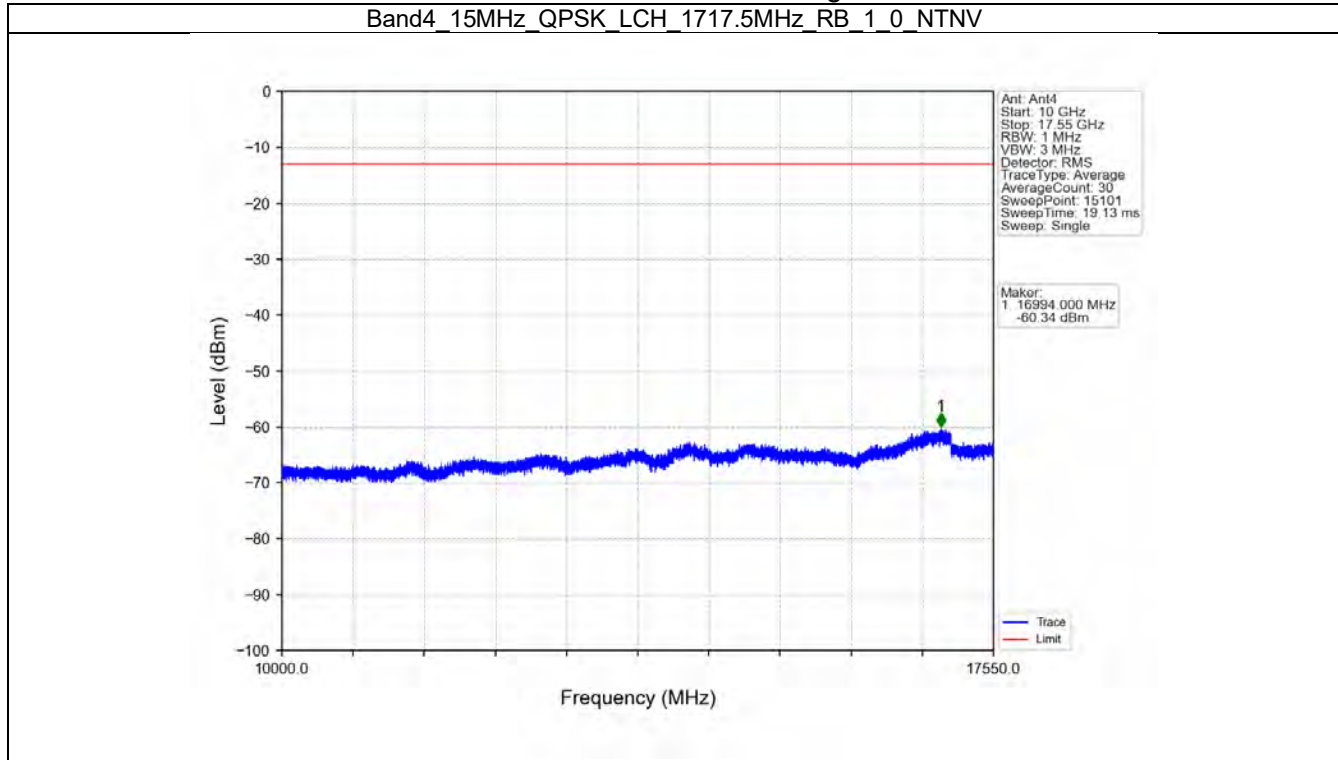
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Band4 15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_1\_0\_NTNV



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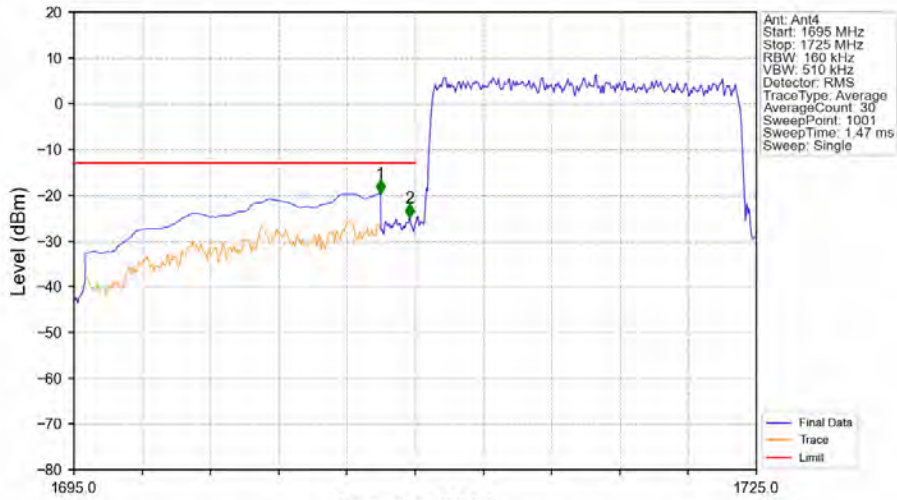
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Band4\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.470	-19.66	-13	Pass
1709	1710	0.16	/	2	1709.760	-24.95	-13	Pass
1710	1725	0.16	/	/	/	/	/	/



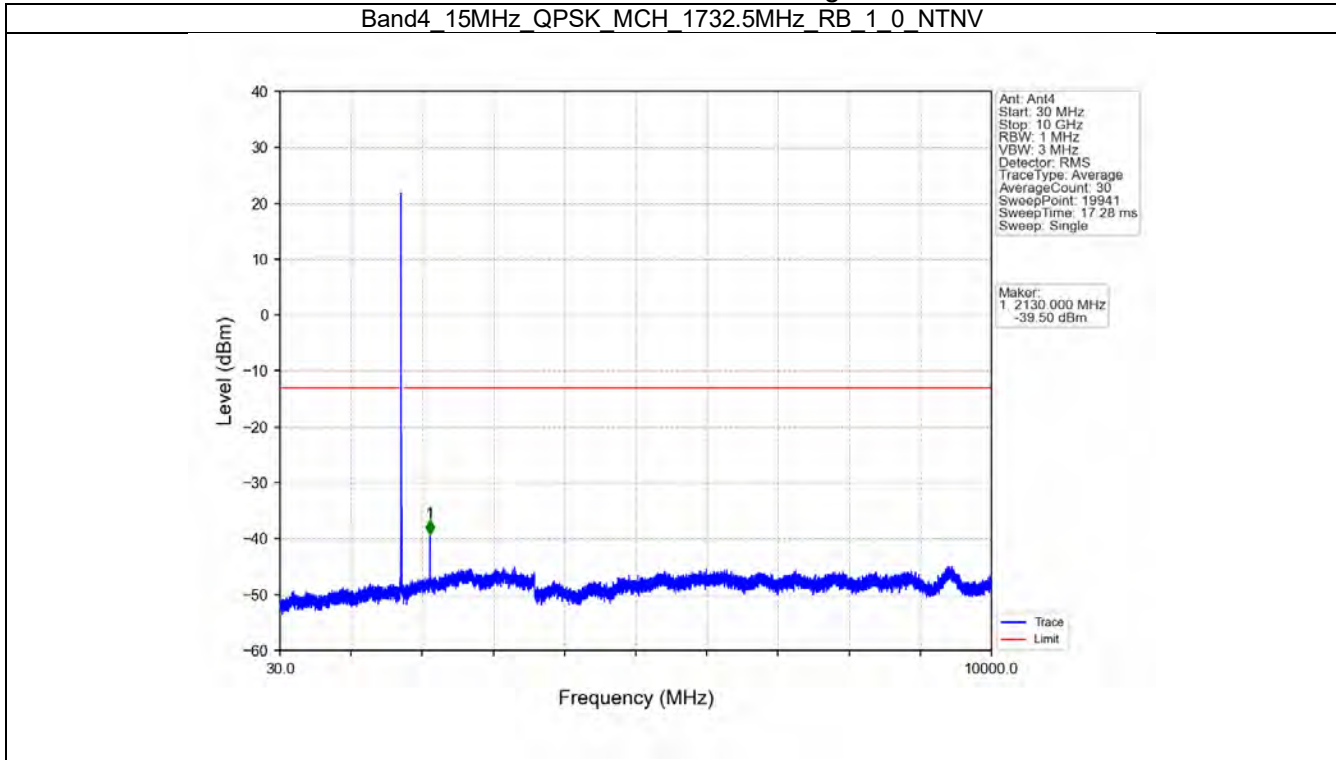
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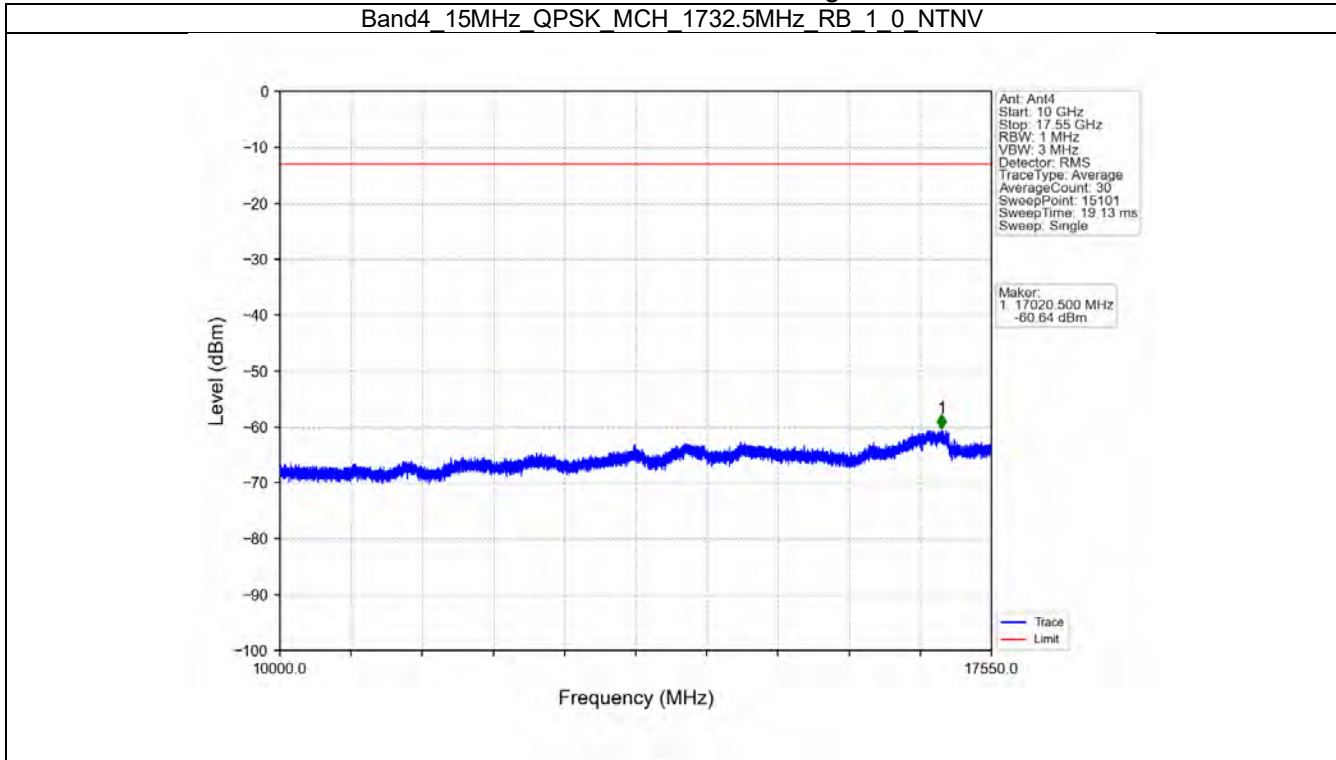


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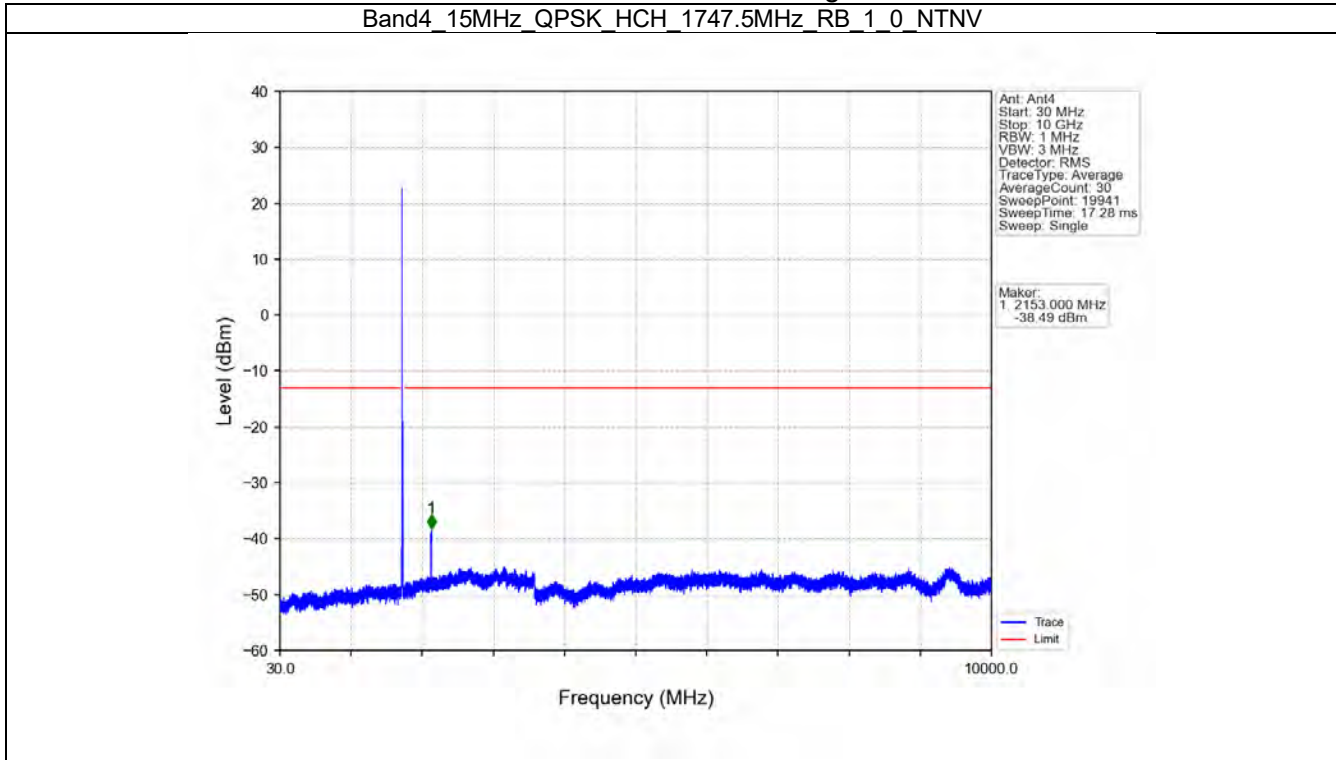


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Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_1\_0\_NTNV



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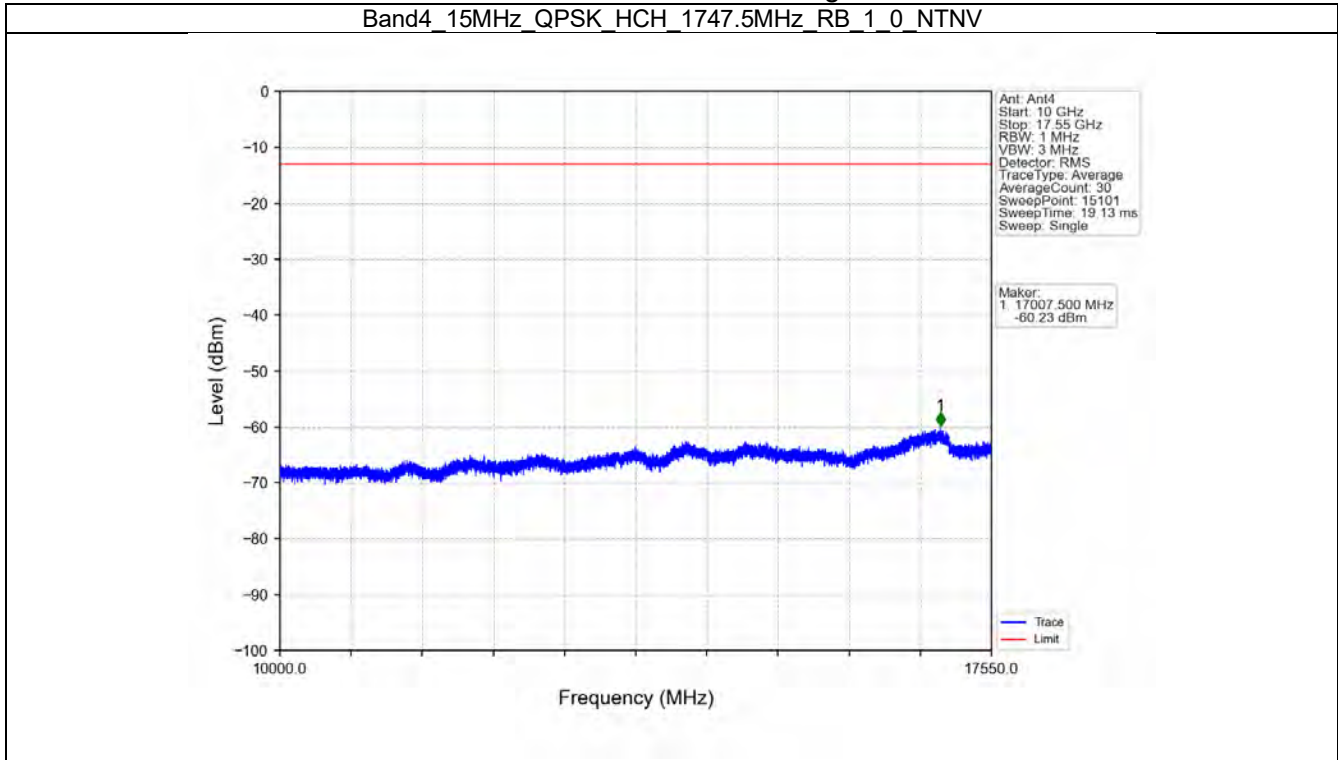
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Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_1\_0\_NTNV



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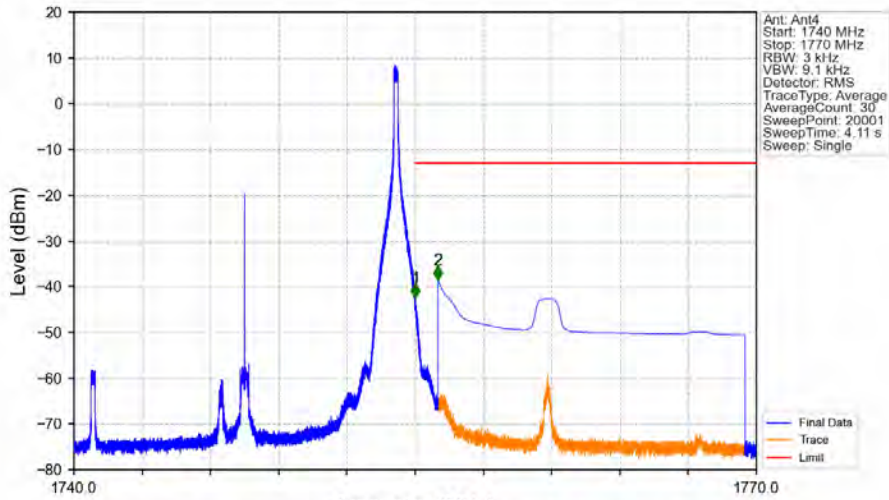


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Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_1\_74\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	1	1755.003	-42.44	-13	Pass
1755	1756	0.003	/	1	1755.003	-42.44	-13	Pass
1756	1770	1	CHP	2	1756.001	-38.50	-13	Pass



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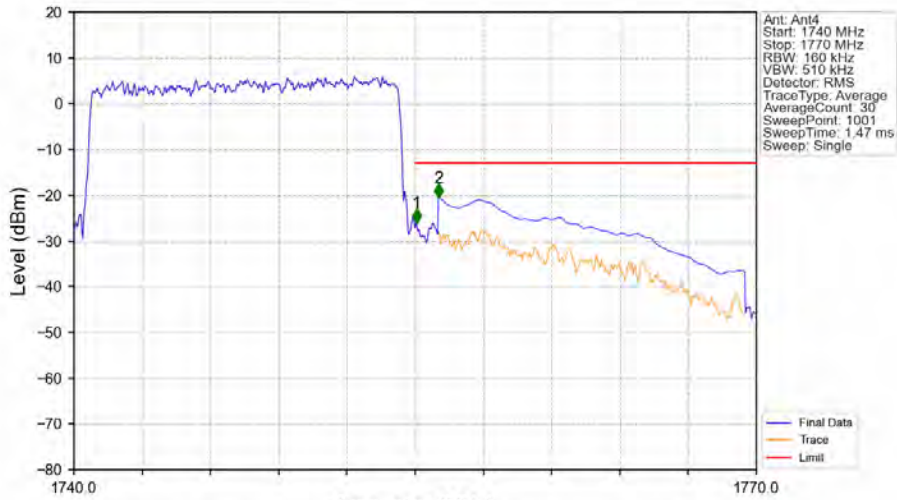
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Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_75\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.16	/	/	/	/	/	/
1755	1756	0.16	/	1	1755.060	-26.00	-13	Pass
1756	1770	1	CHP	2	1756.020	-20.58	-13	Pass



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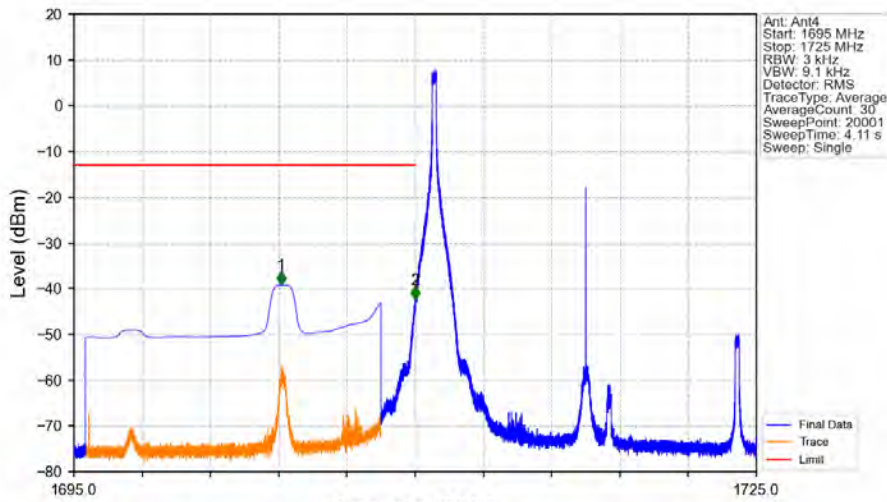
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Band4\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1704.111	-39.30	-13	Pass
1709	1710	0.003	/	2	1709.998	-42.41	-13	Pass
1710	1725	0.003	/	/	/	/	/	/



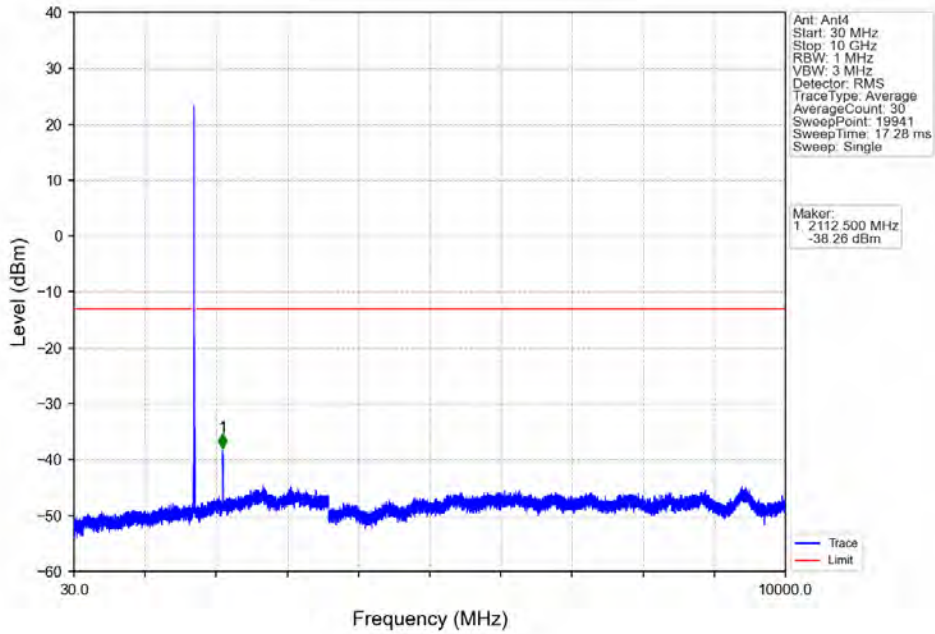
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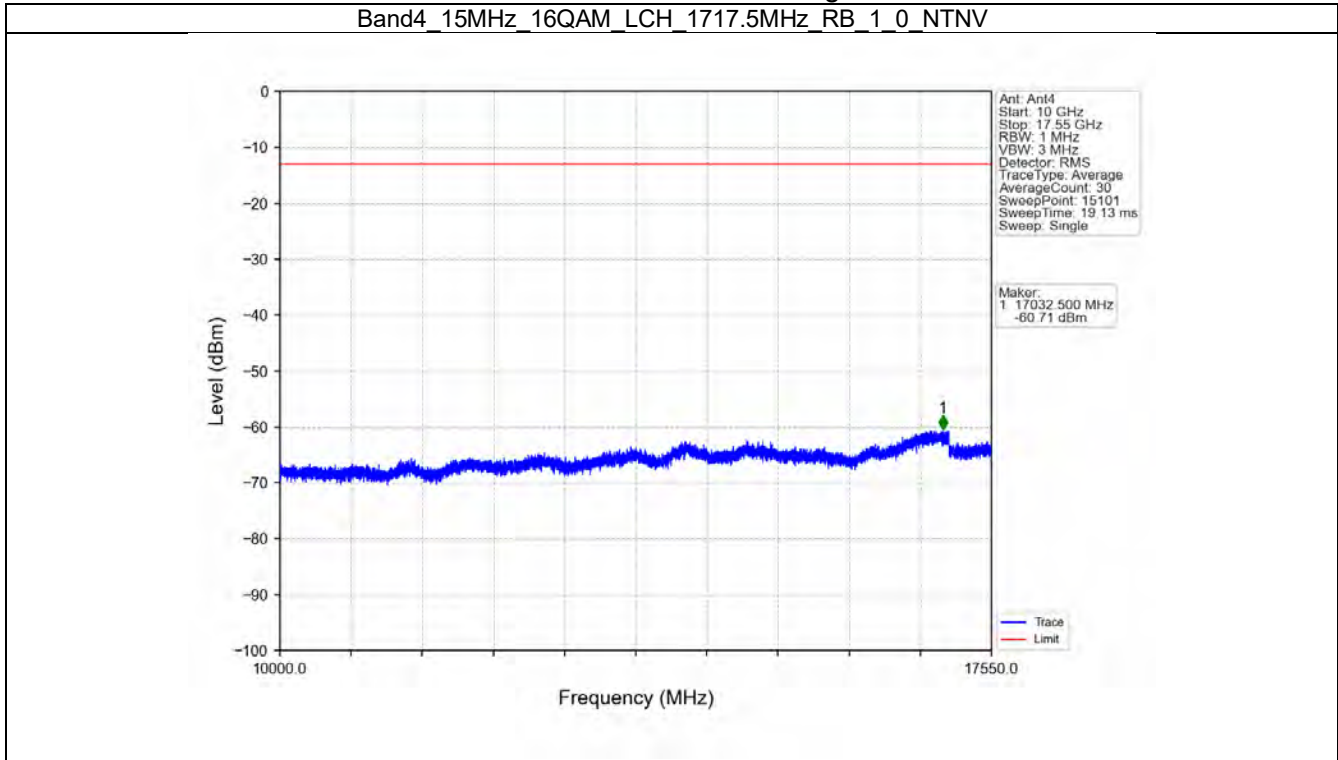
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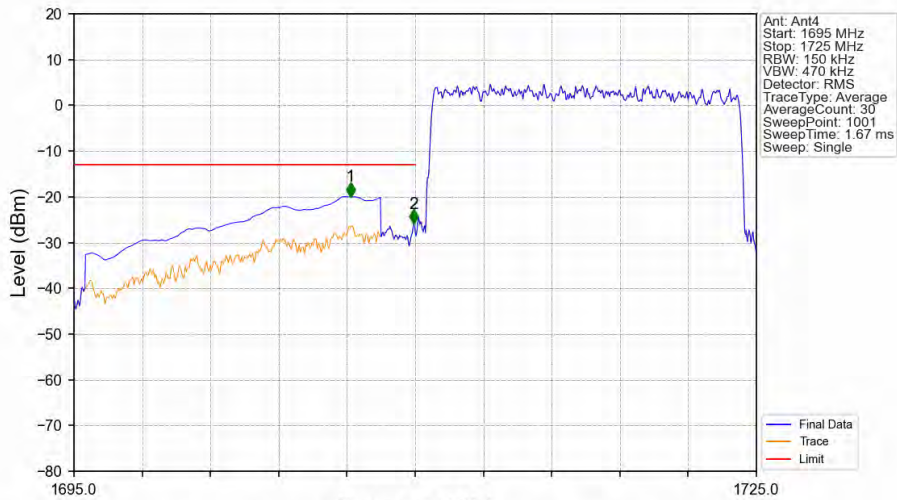
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Band4\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.150	-19.96	-13	Pass
1709	1710	0.15	/	2	1709.940	-25.88	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

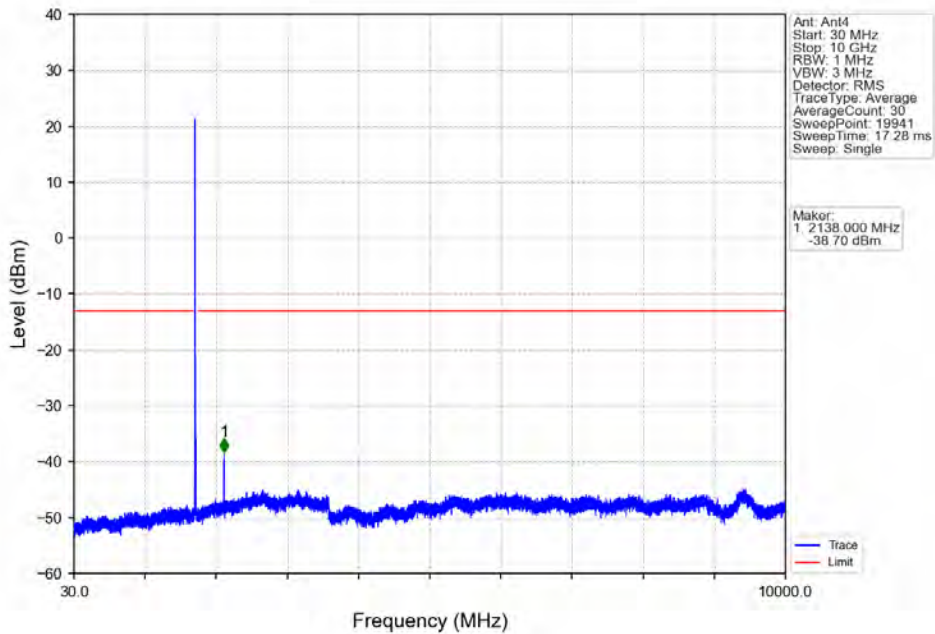


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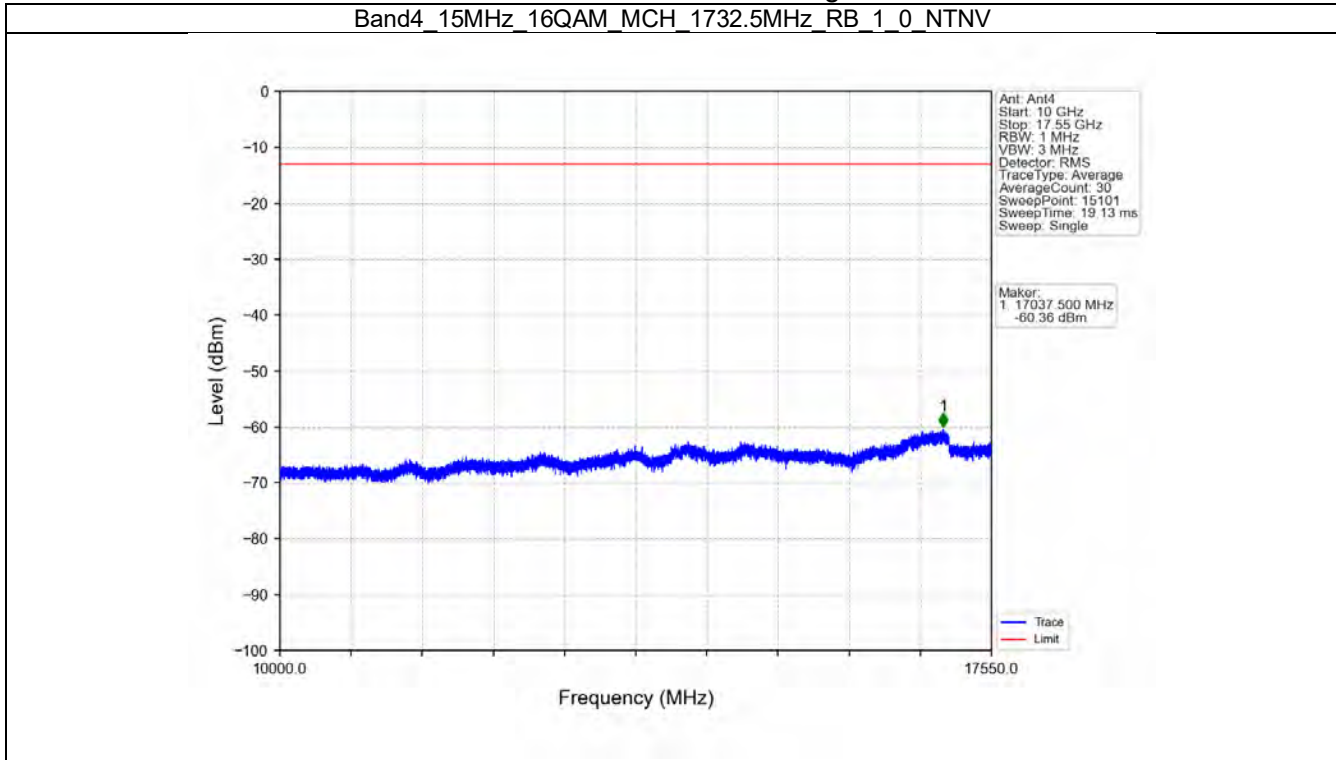
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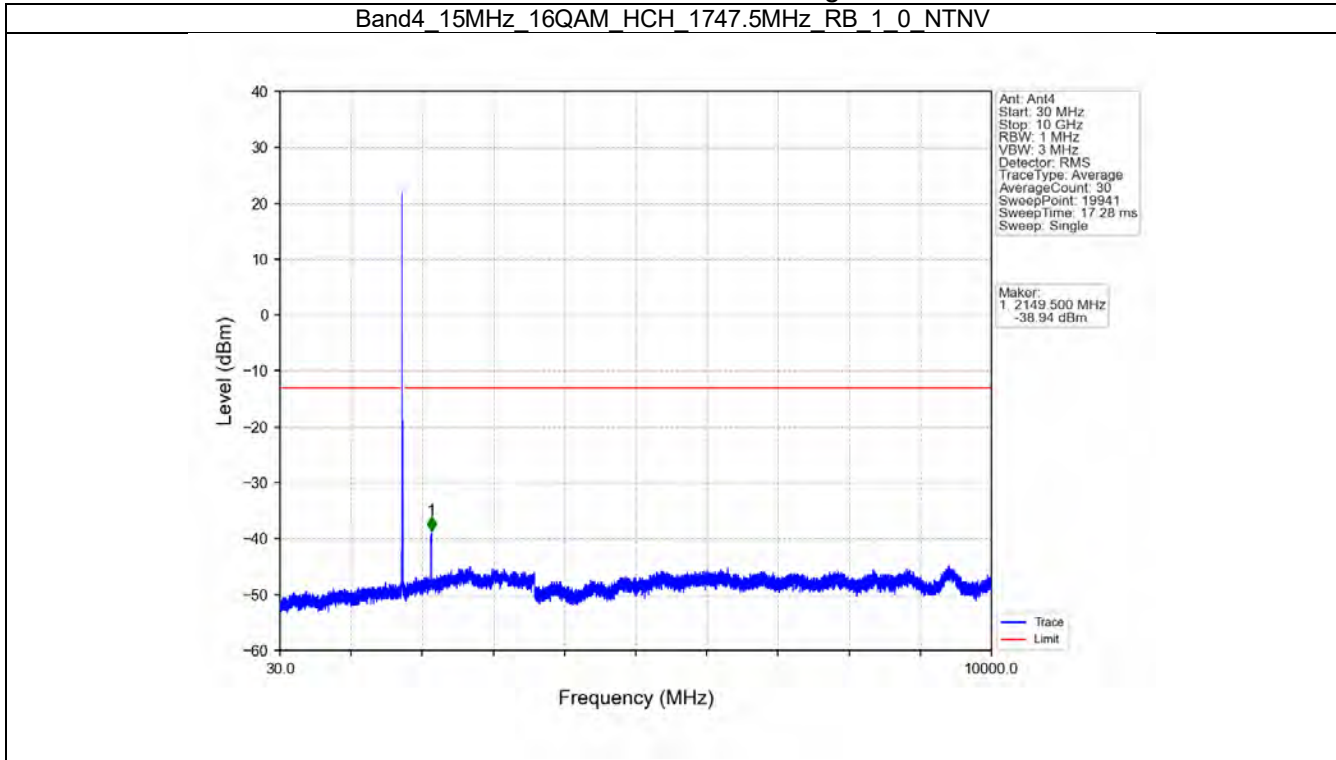
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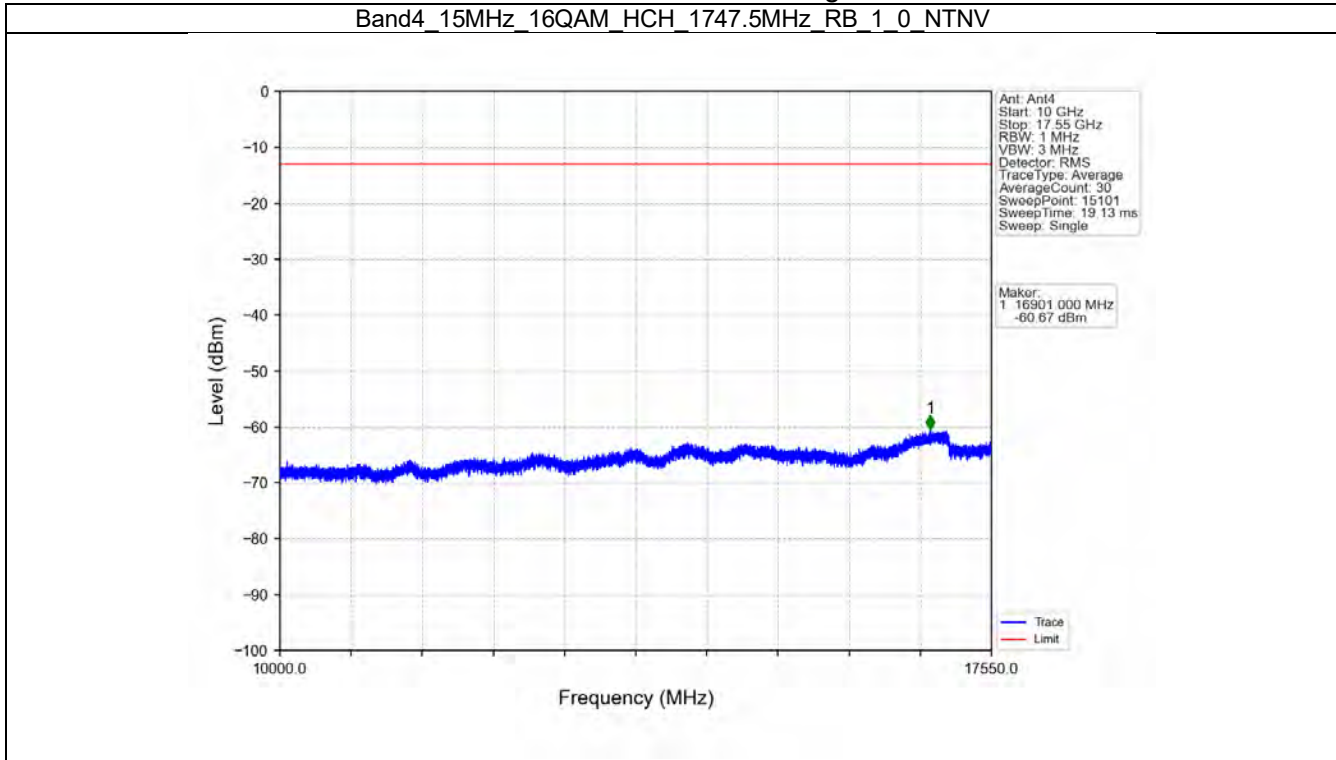


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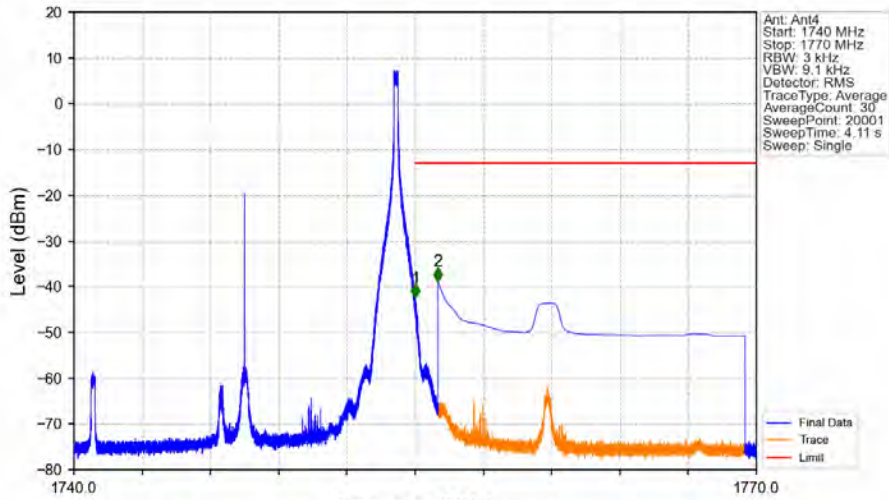
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Band4 15MHz\_16QAM\_HCH 1747.5MHz RB 1\_74 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	1	1755.003	-42.40	-13	Pass
1755	1770	1	CHP	2	1756.001	-38.83	-13	Pass



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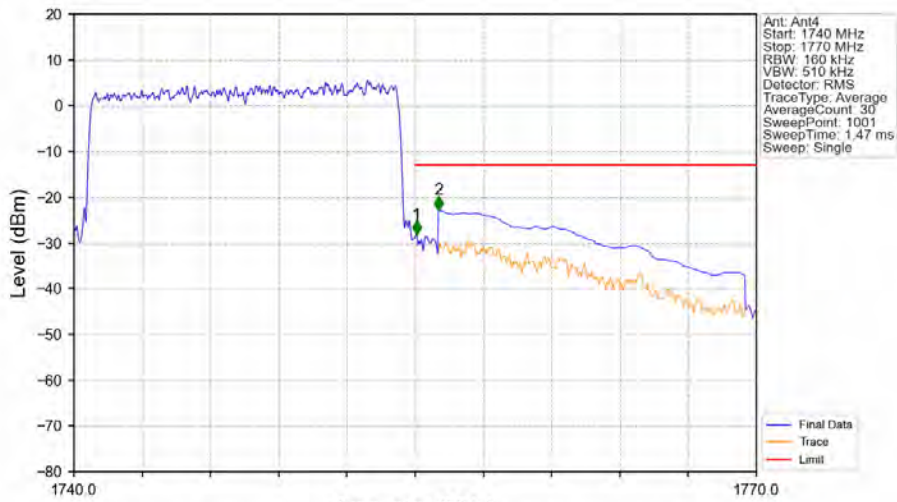
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Band4 15MHz\_16QAM\_HCH\_1747.5MHz\_RB\_75\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.16	/	1	1755.060	-28.13	-13	Pass
1755	1770	0.16	CHP	2	1756.020	-22.78	-13	Pass



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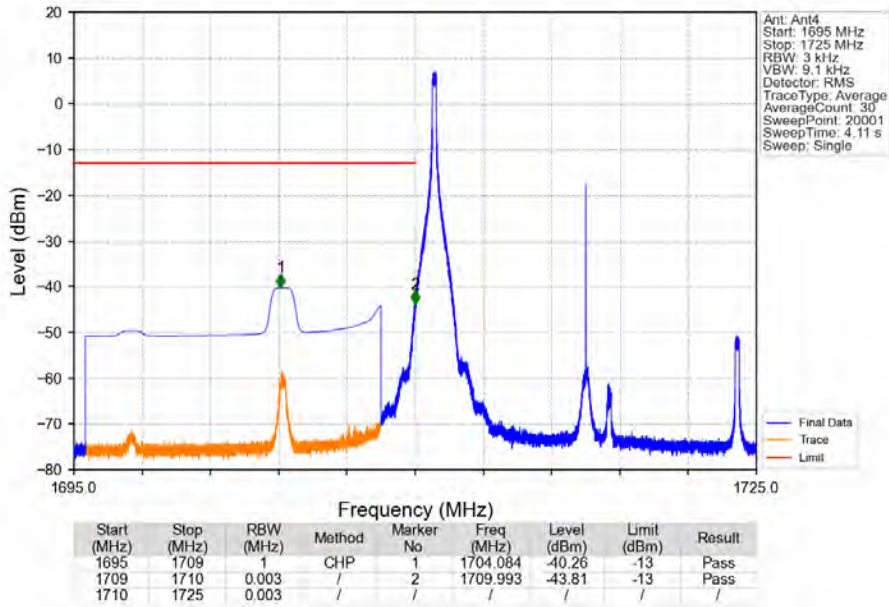


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Band4\_15MHz\_64QAM\_LCH\_1717.5MHz\_RB\_1\_0\_NTNV



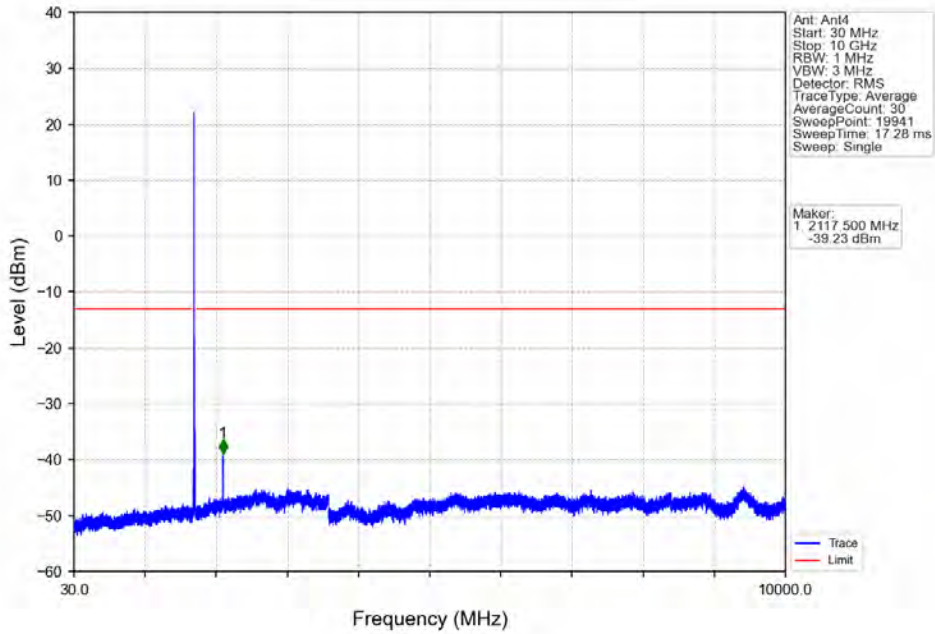
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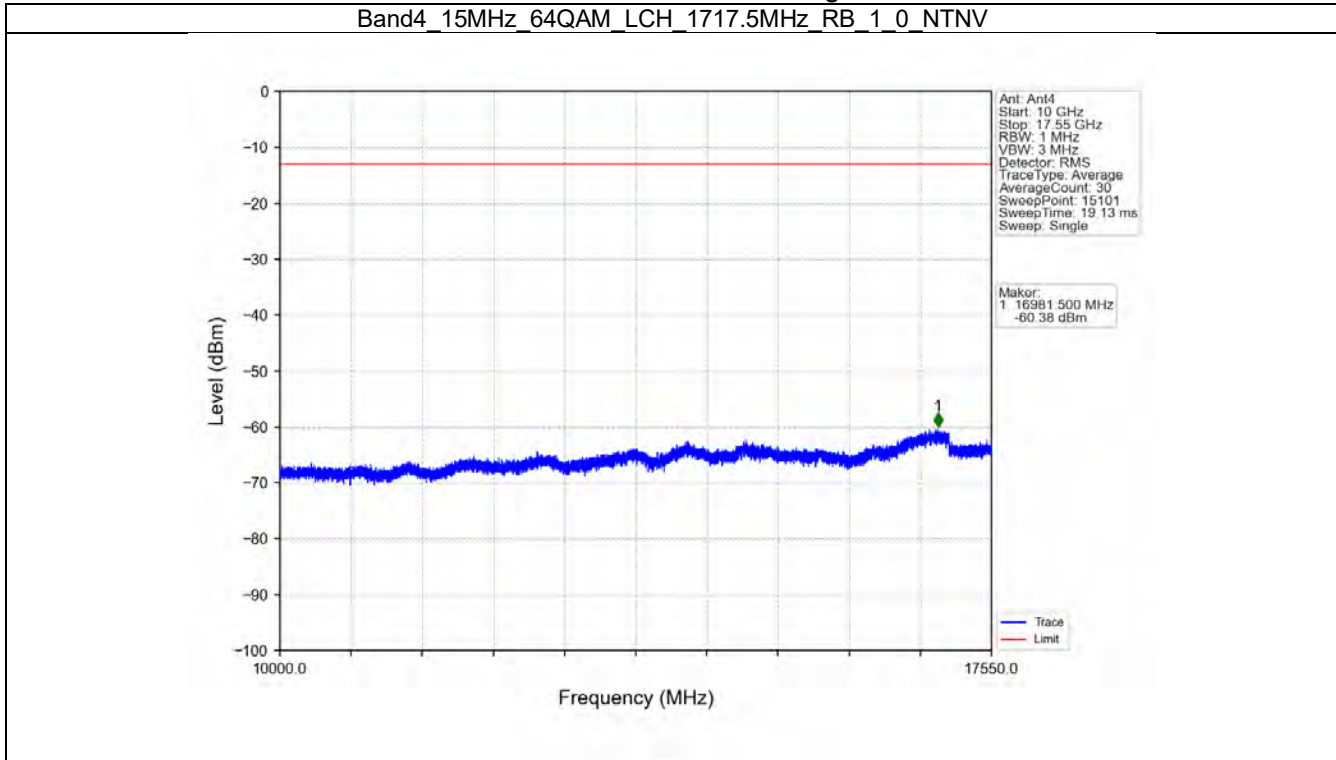


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Band4\_15MHz\_64QAM\_LCH\_1717.5MHz\_RB\_1\_0\_NTNV



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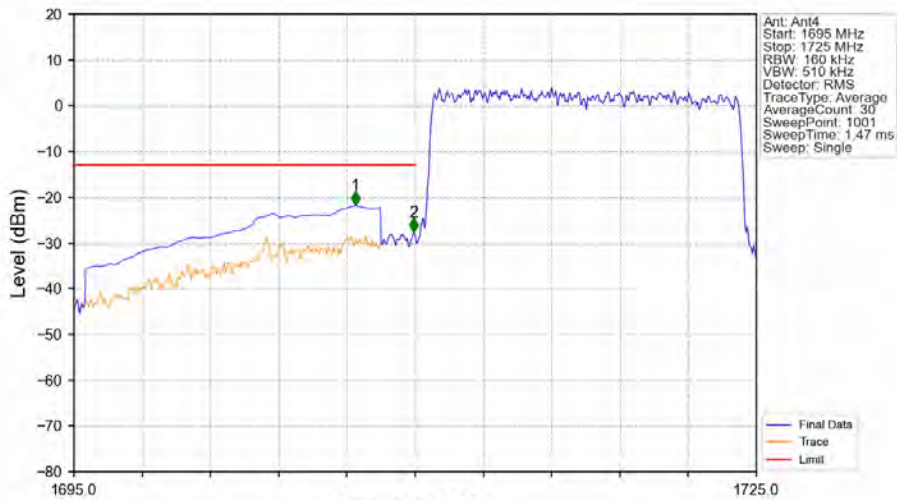
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Band4\_15MHz\_64QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.360	-21.86	-13	Pass
1709	1710	0.16	/	2	1709.940	-27.63	-13	Pass
1710	1725	0.16	/	/	/	/	/	/



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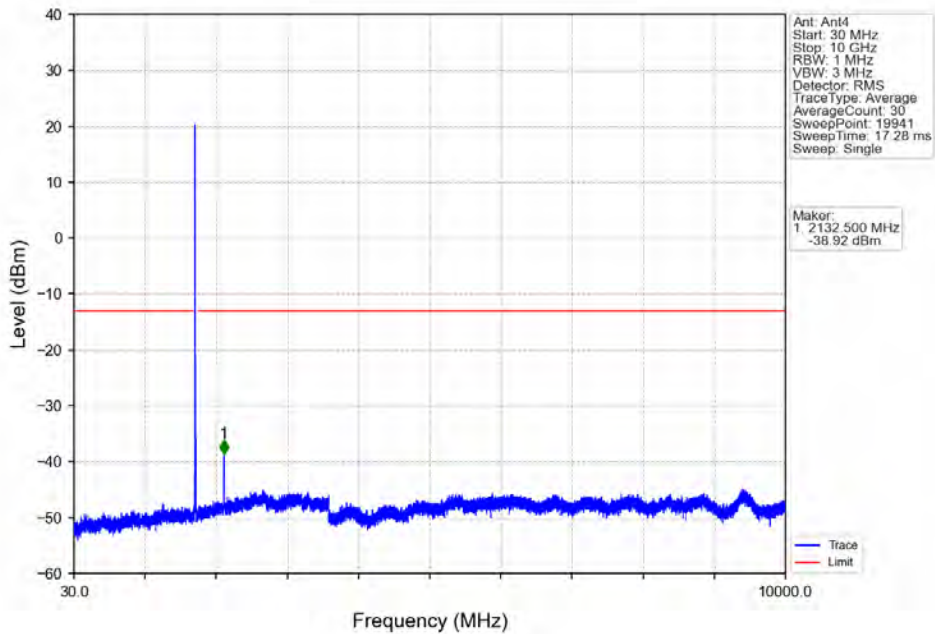
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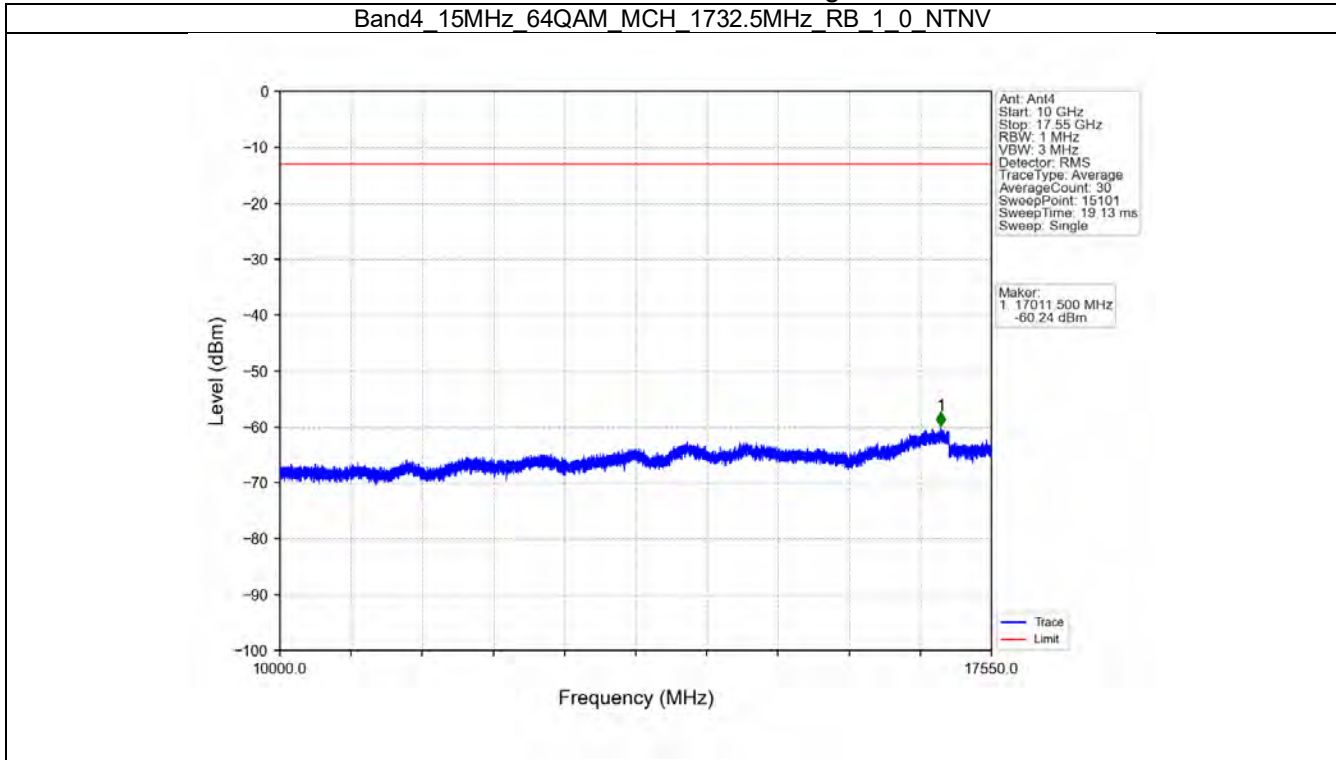


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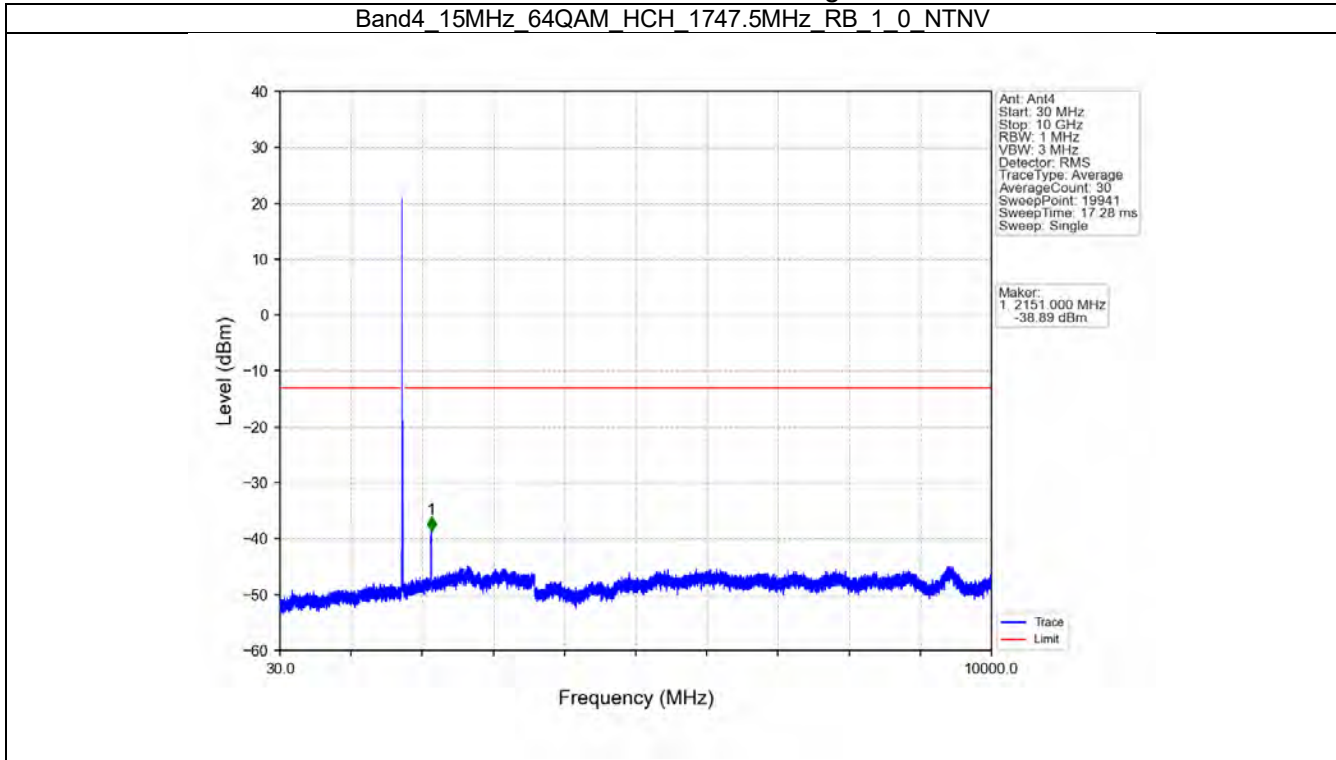


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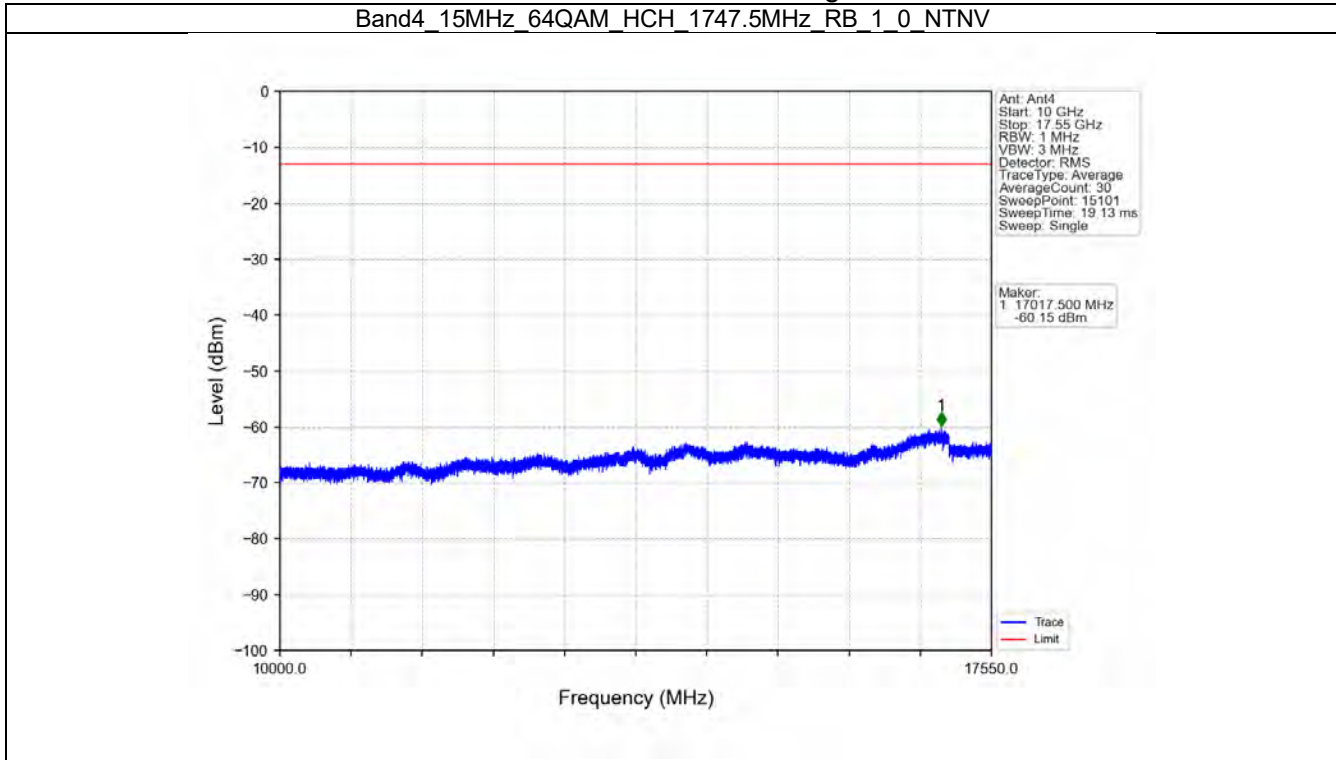


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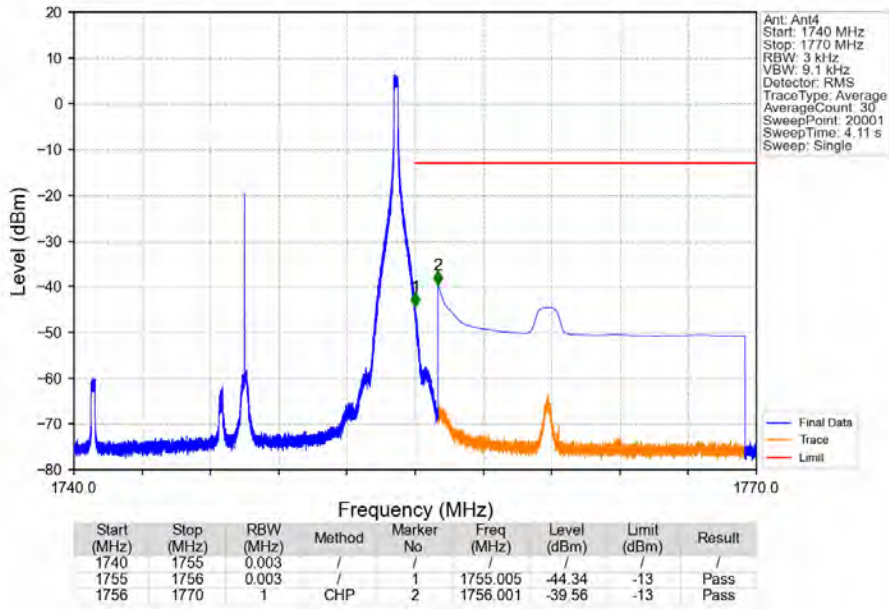


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Band4 15MHz\_64QAM\_HCH 1747.5MHz RB 1 74 NTN



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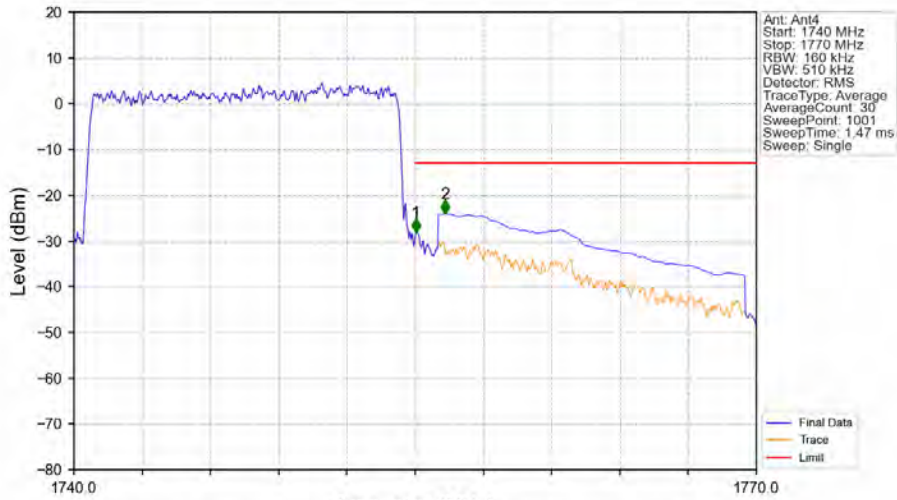
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Band4 15MHz\_64QAM\_HCH\_1747.5MHz\_RB\_75\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.16	/	1	1755.030	-28.15	-13	Pass
1755	1770	0.16	CHP	2	1756.320	-24.14	-13	Pass



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5.6 B4\_20MHz

5.6.1 Test Result

Band: 4 / 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	
	1732.5	1	0	Refer To Test Graph		Pass	
		1745	1	0	Refer To Test Graph		Pass
				99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass	
16QAM	1720	1	0	Refer To Test Graph		Pass	
		100	0	Refer To Test Graph		Pass	
	1732.5	1	0	Refer To Test Graph		Pass	
		1745	1	0	Refer To Test Graph		Pass
				99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass	
64QAM	1720	1	0	Refer To Test Graph		Pass	
		100	0	Refer To Test Graph		Pass	
	1732.5	1	0	Refer To Test Graph		Pass	
		1745	1	0	Refer To Test Graph		Pass
				99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass	

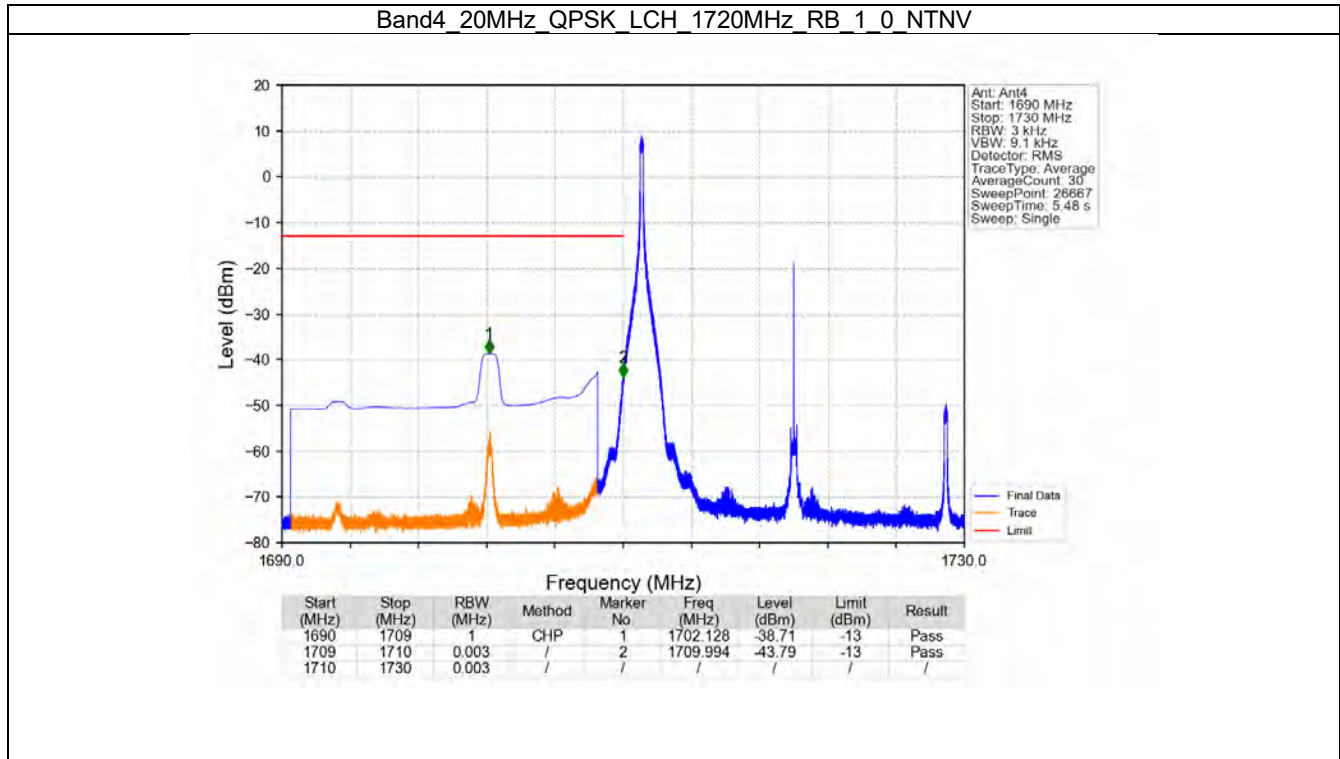


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5.6.2 Test Graph



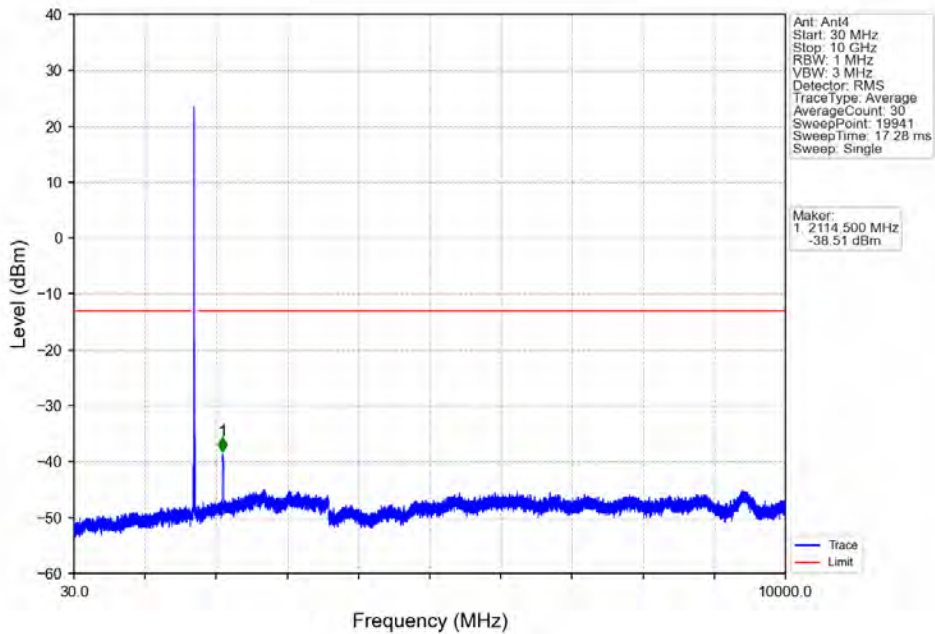
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Band4\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_1\_0\_NTNV

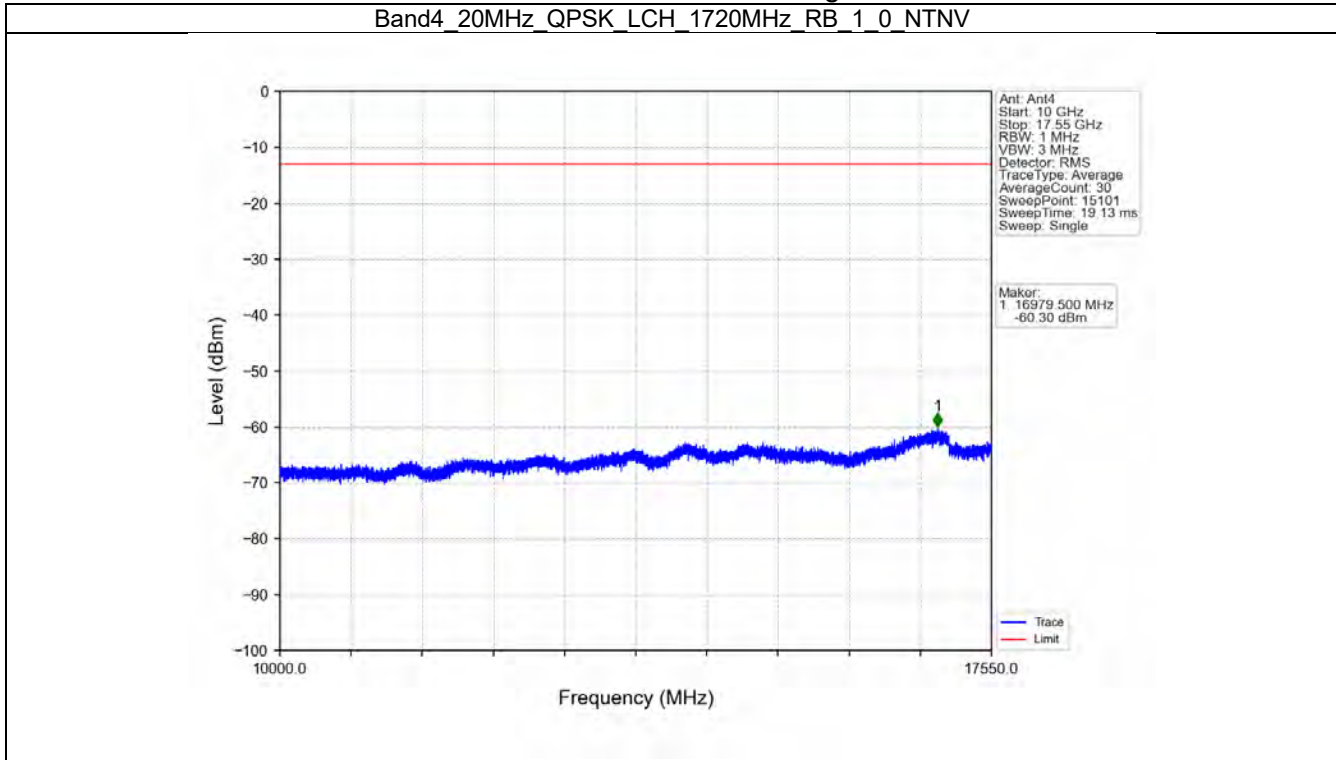


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Band4\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_1\_0\_NTNV

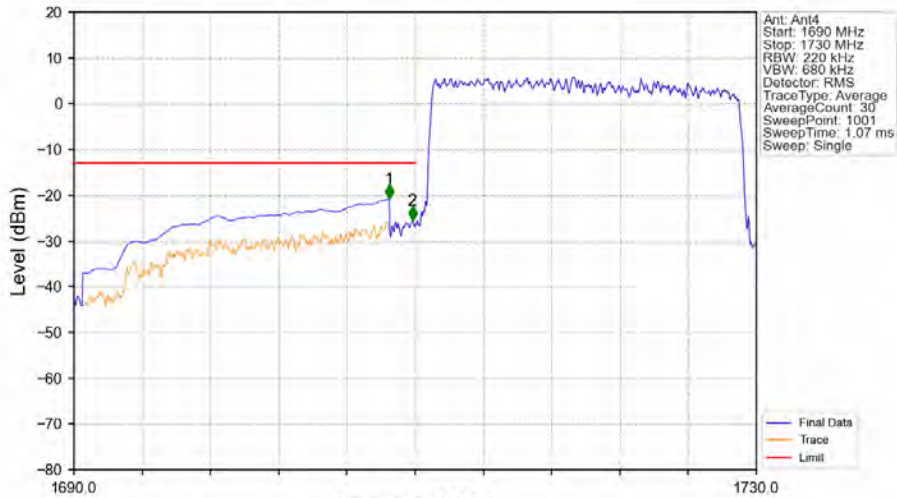


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Band4\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_100\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-20.82	-13	Pass
1709	1710	0.22	/	2	1709.840	-25.58	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

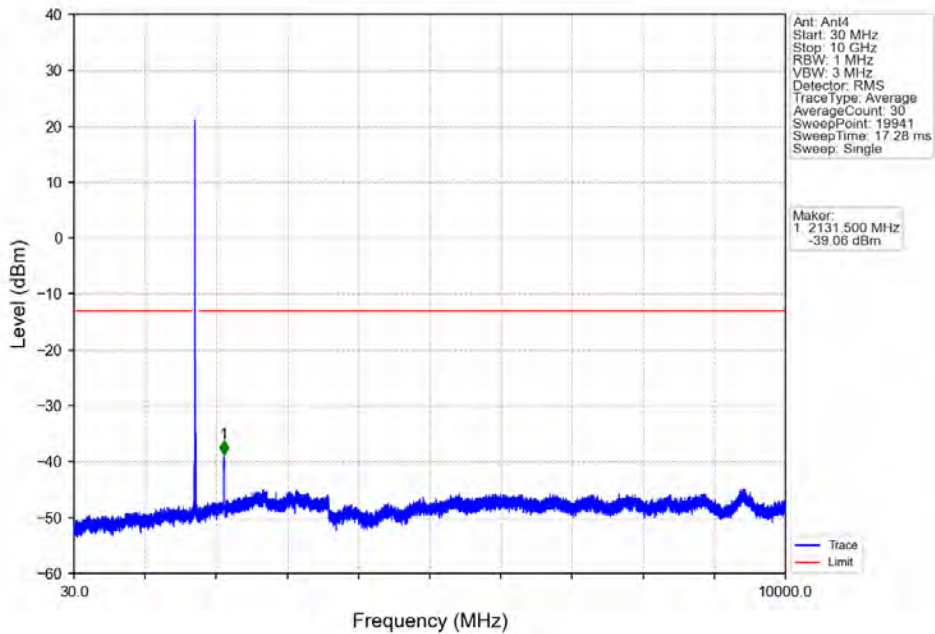


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Band4\_20MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



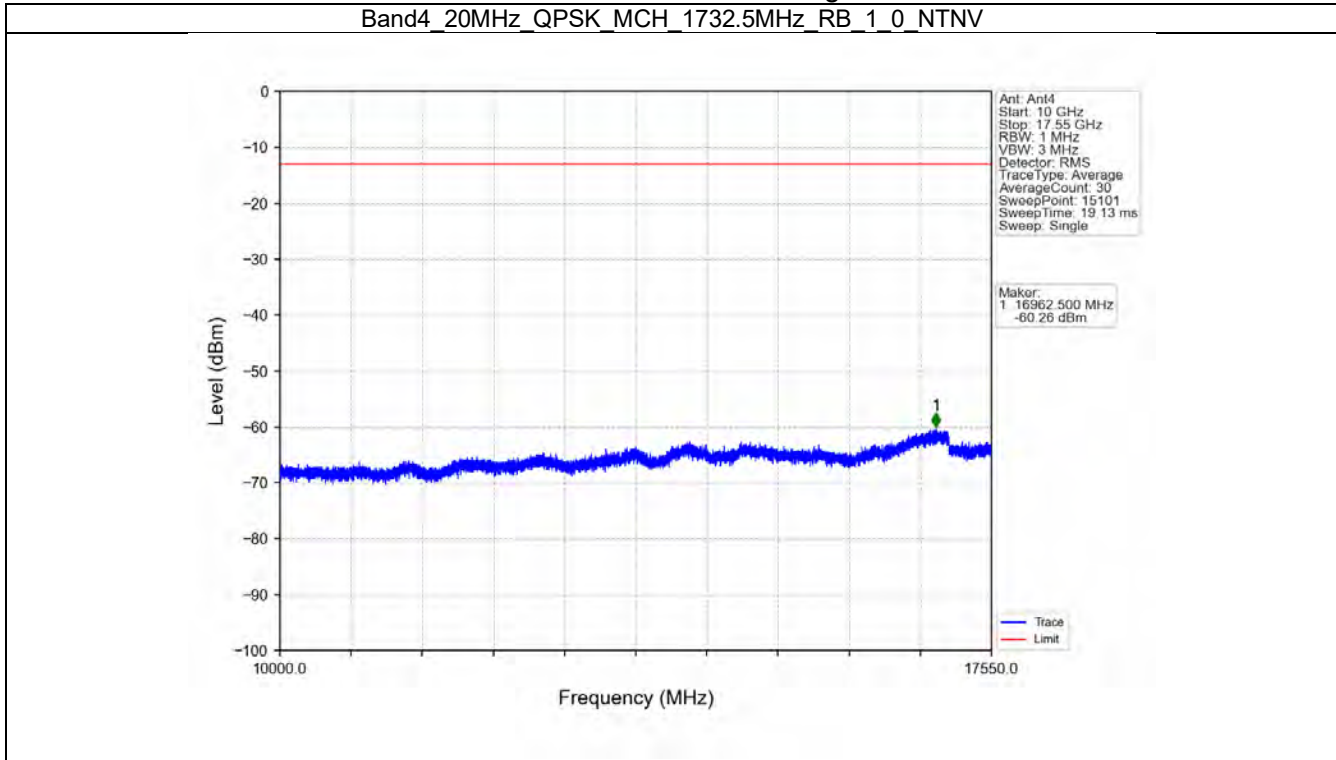
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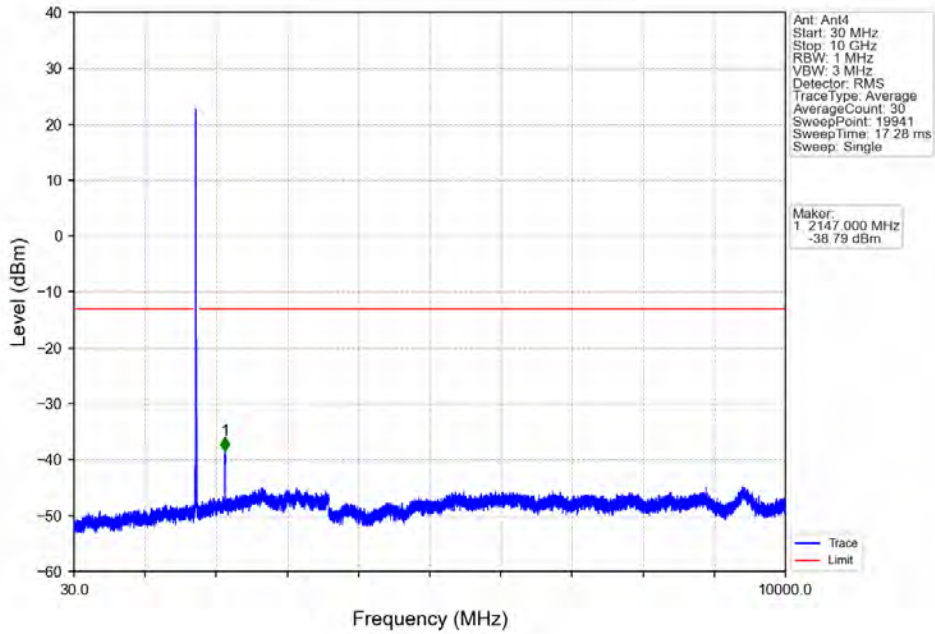


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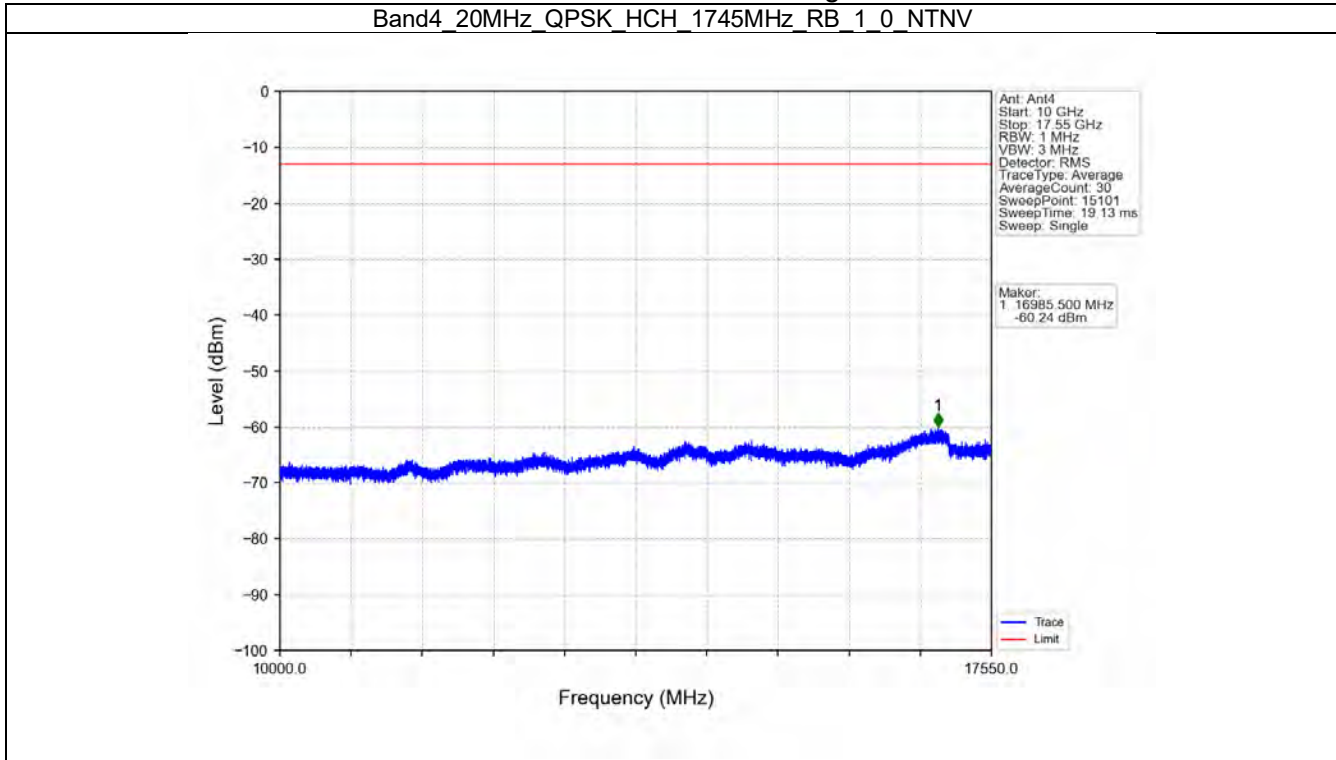


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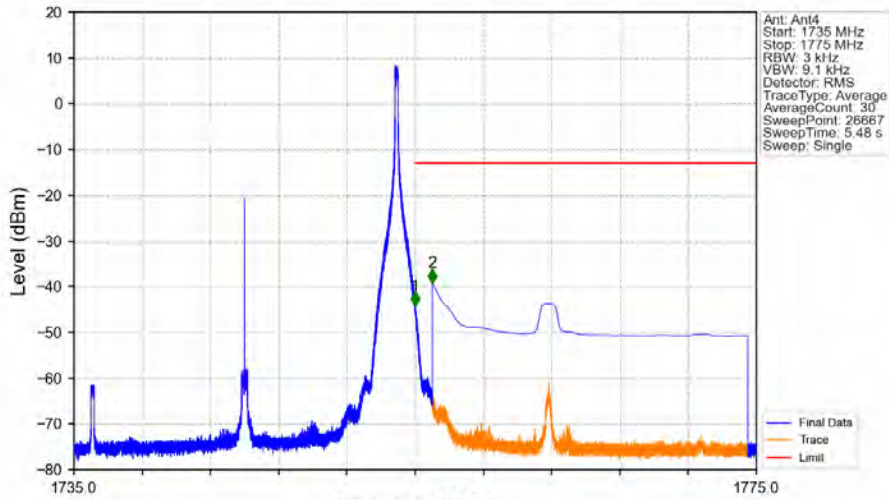
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Band4 20MHz\_QPSK\_HCH\_1745MHz\_RB\_1\_99\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	1	1755.002	-44.27	-13	Pass
1756	1775	1	CHP	2	1756.001	-39.19	-13	Pass



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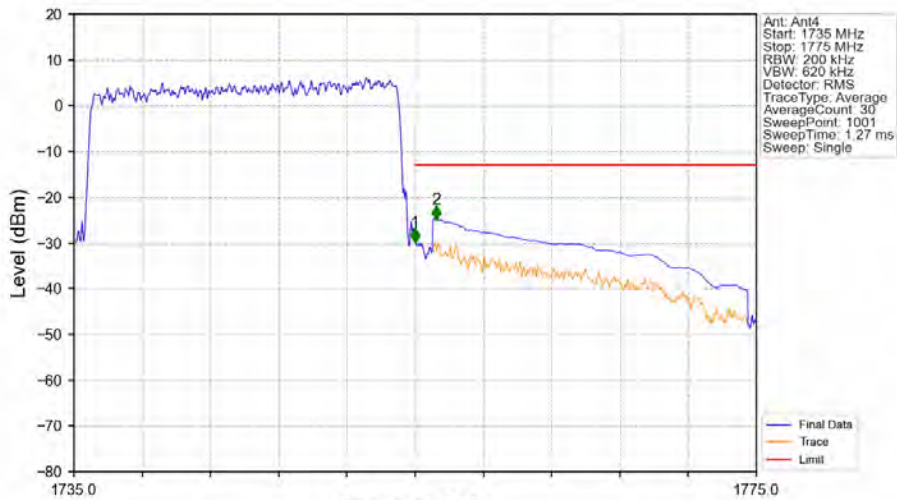
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Band4\_20MHz\_QPSK\_HCH\_1745MHz\_RB\_100\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.000	-29.93	-13	Pass
1756	1775	1	CHP	2	1756.240	-24.88	-13	Pass



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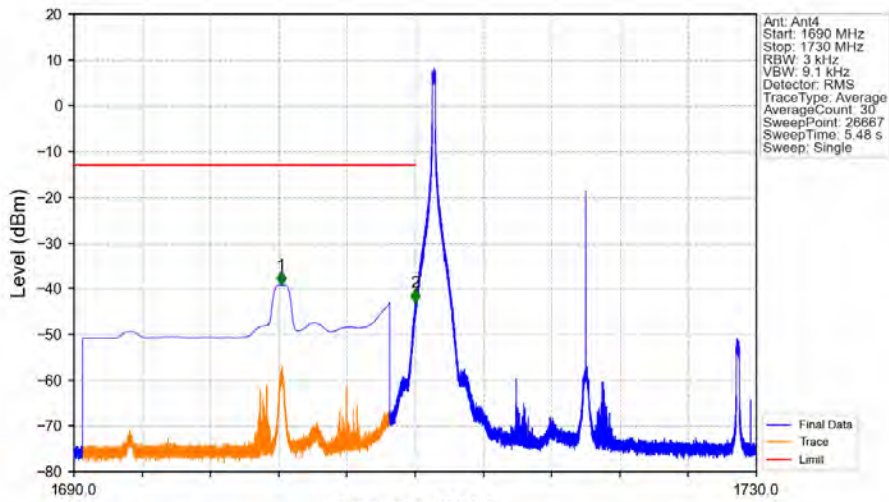
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Band4\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1702.143	-39.31	-13	Pass
1709	1710	0.003	/	2	1709.995	-43.07	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

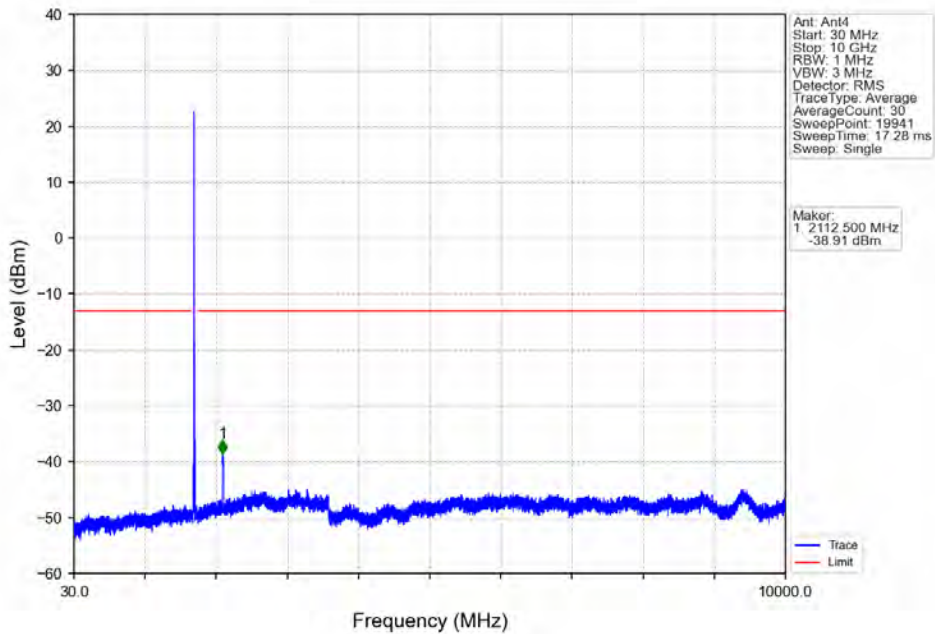


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Band4\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_1\_0\_NTNV

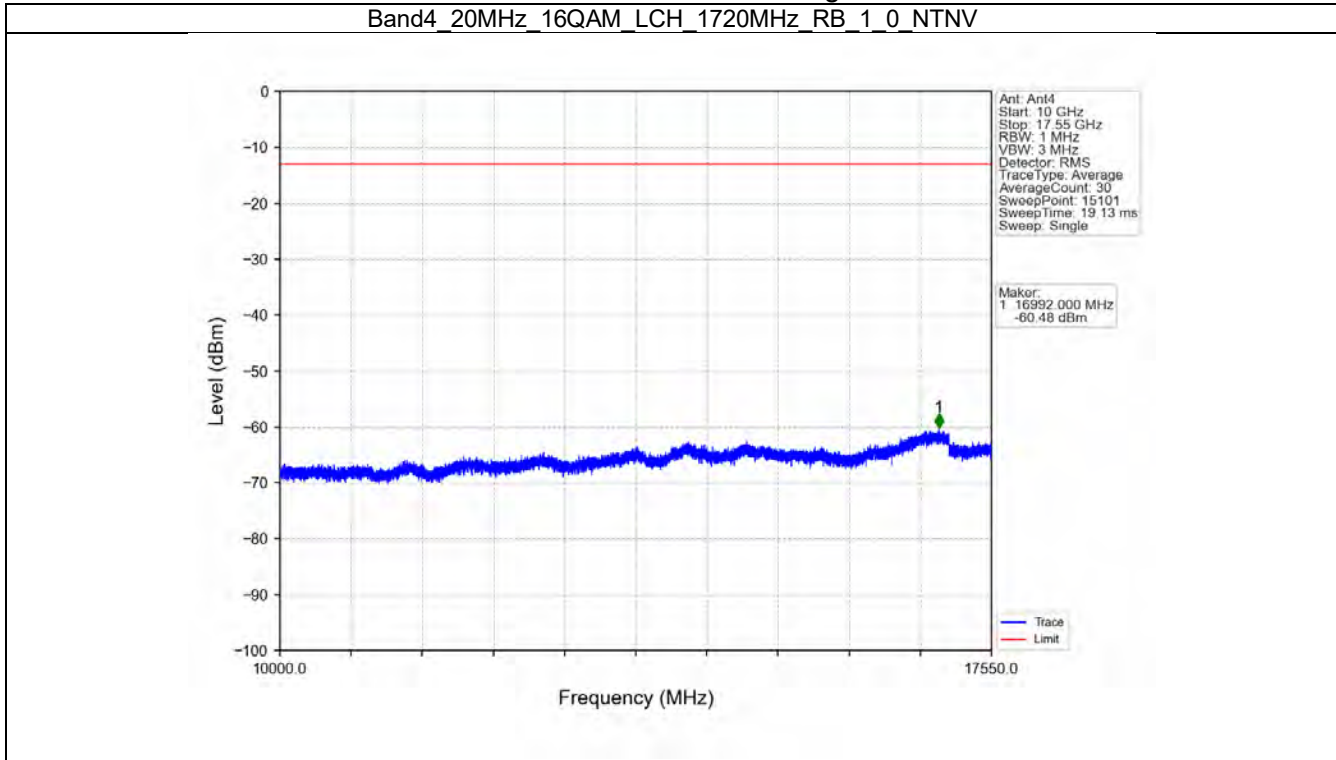


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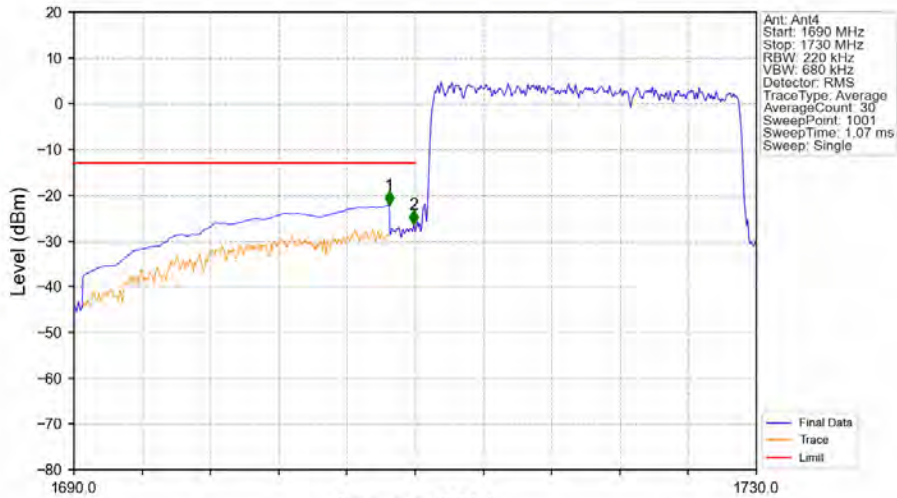


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Band4\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-22.11	-13	Pass
1709	1710	0.22	/	2	1709.920	-26.35	-13	Pass
1710	1730	0.22	/	/	/	/	/	/



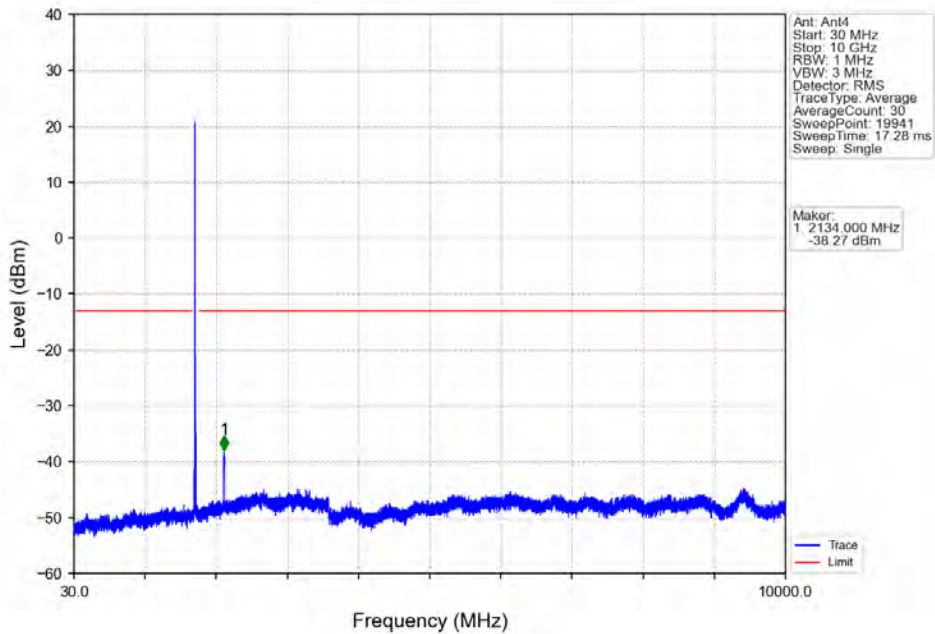
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Band4\_20MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV

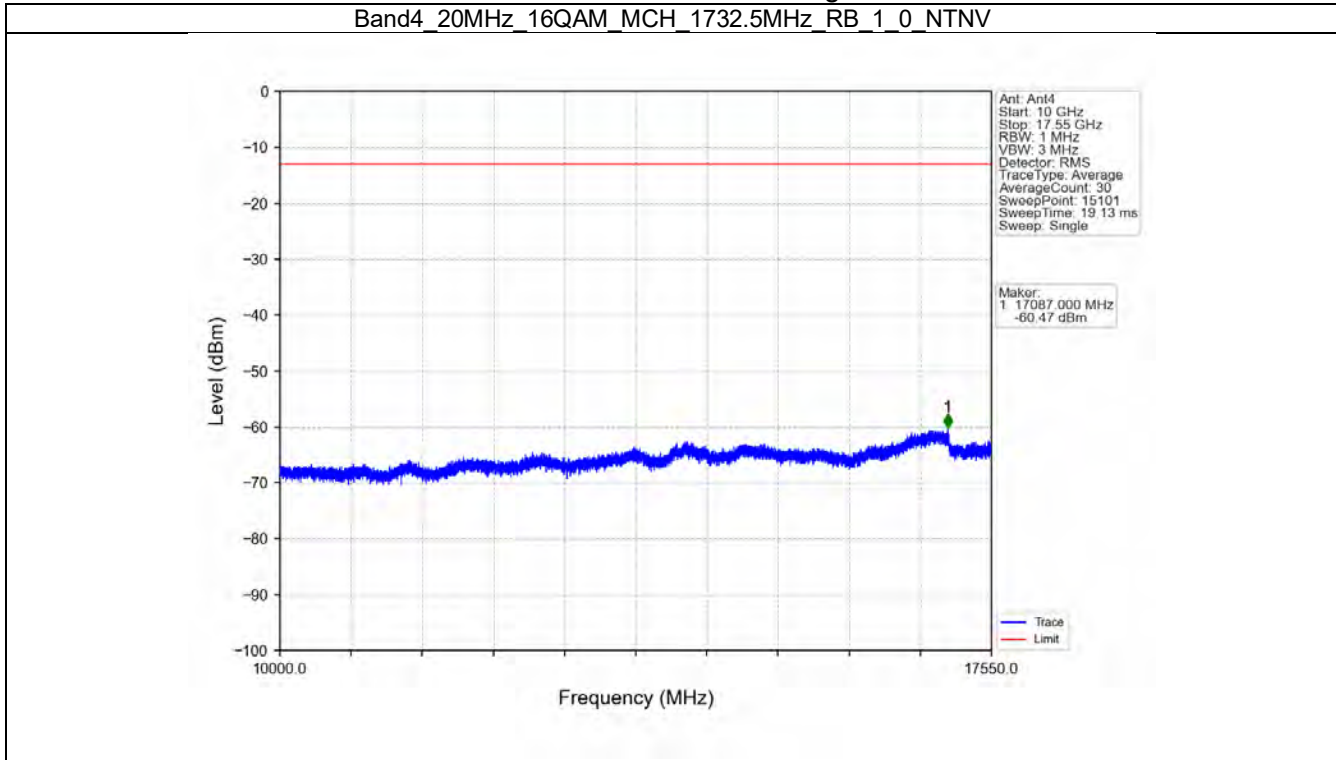


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Band4\_20MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



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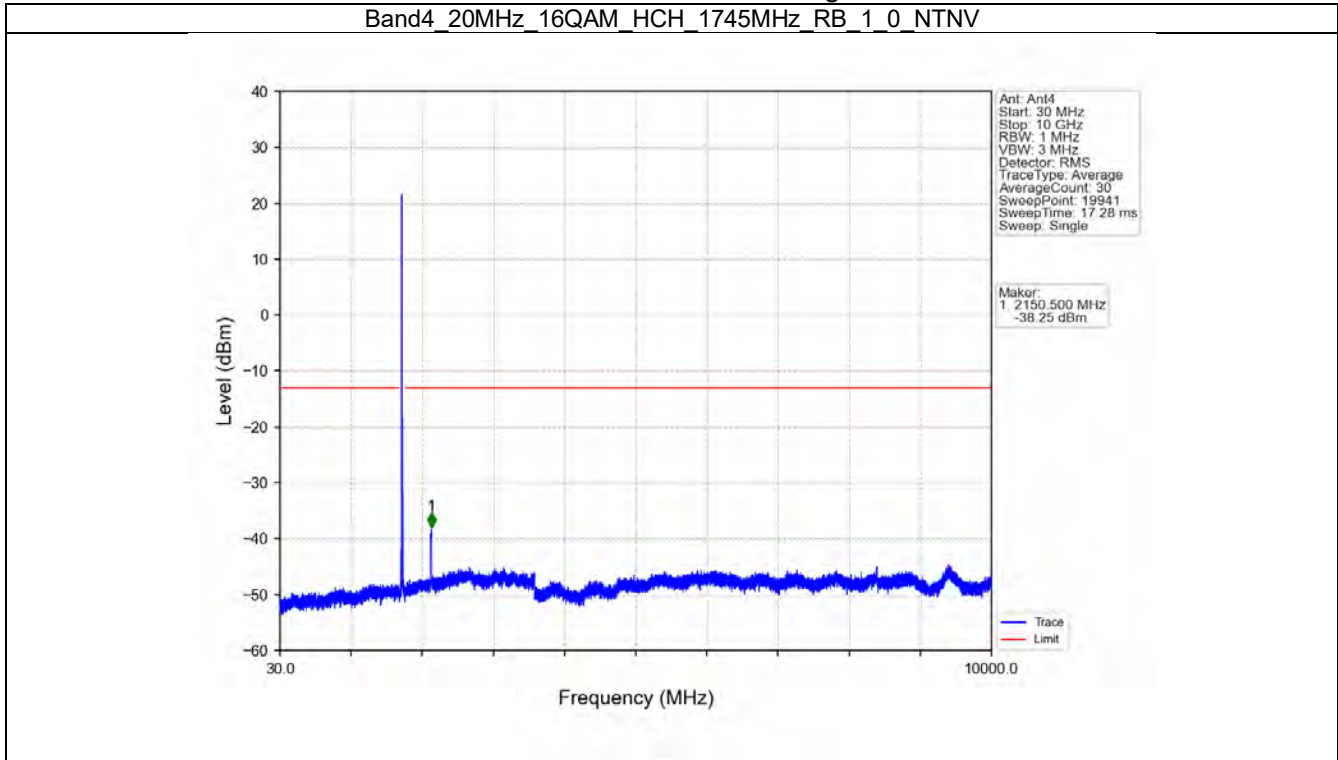
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Band4\_20MHz\_16QAM\_HCH\_1745MHz\_RB\_1\_0\_NTNV



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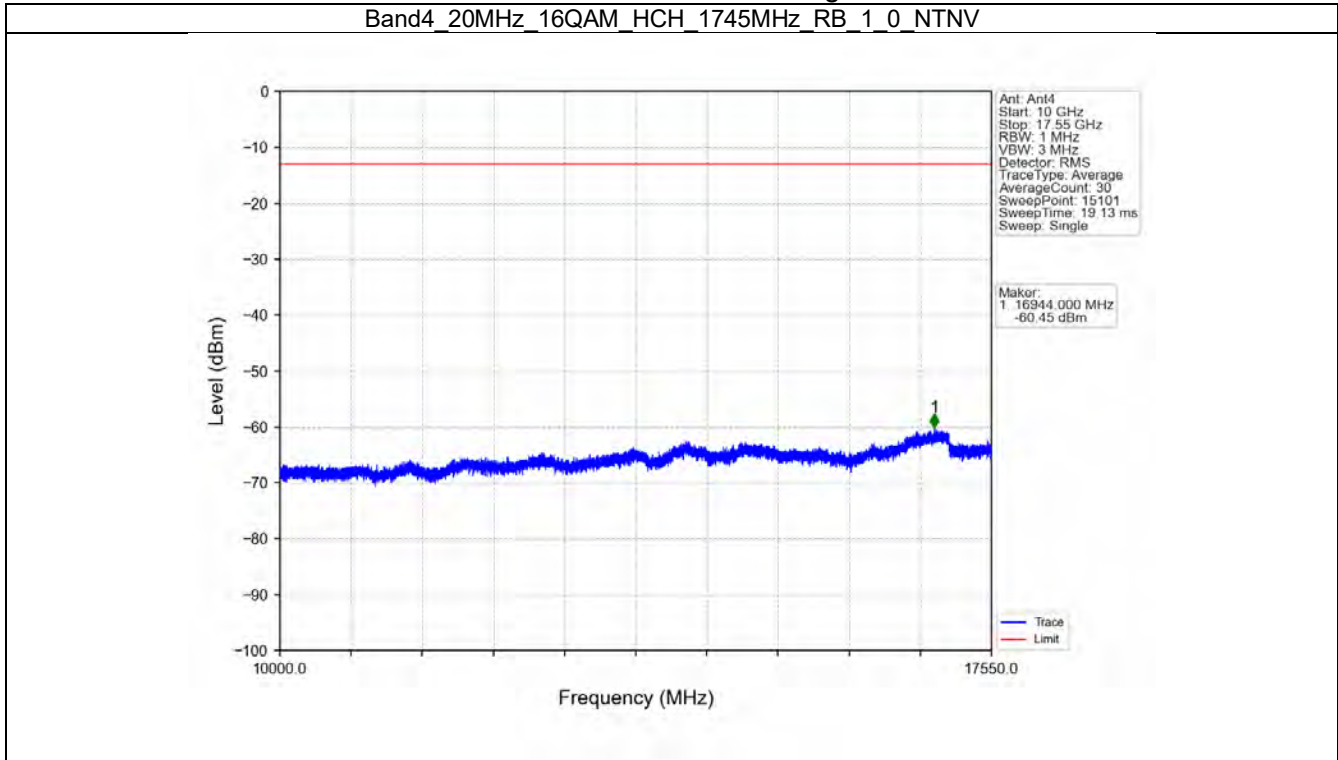
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Band4\_20MHz\_16QAM\_HCH\_1745MHz\_RB\_1\_0\_NTNV



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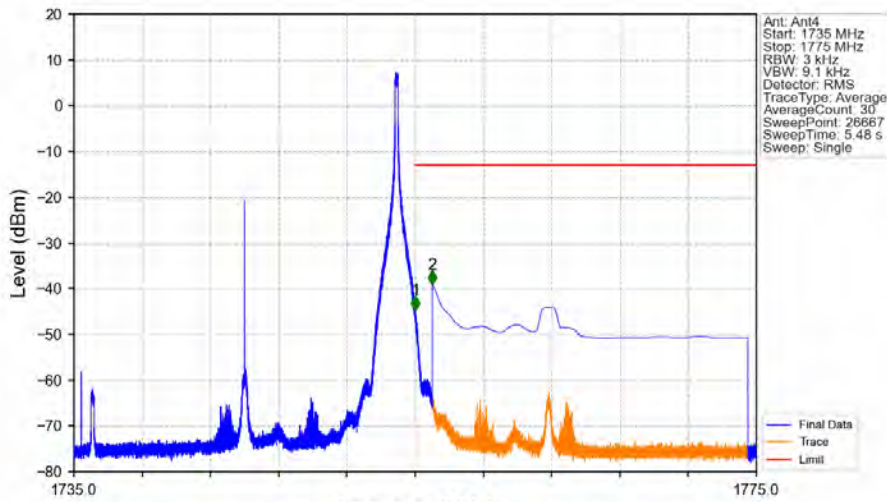
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Band4\_20MHz\_16QAM\_HCH\_1745MHz\_RB\_1\_99\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	1	1755.005	-44.67	-13	Pass
1755	1756	0.003	/	1	1755.005	-44.67	-13	Pass
1756	1775	1	CHP	2	1756.001	-39.07	-13	Pass



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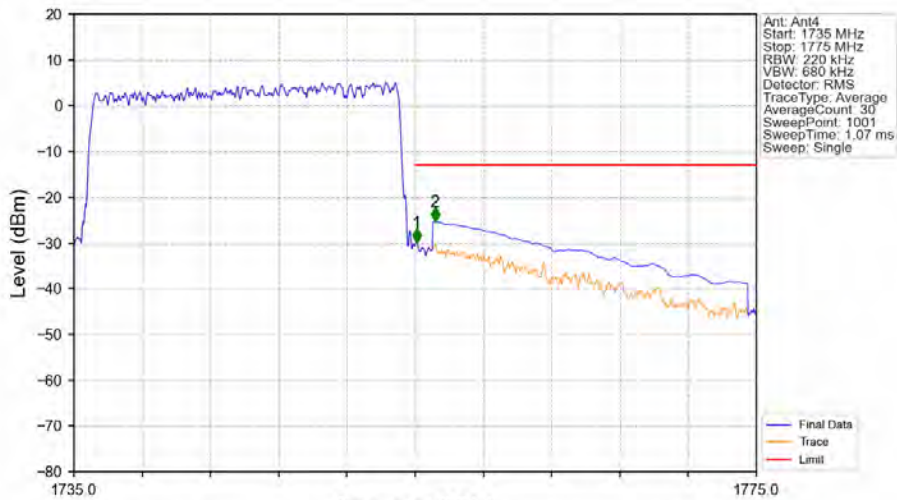
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Band4\_20MHz\_16QAM\_HCH\_1745MHz\_RB\_100\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.22	/	/	/	/	/	/
1755	1756	0.22	/	1	1755.080	-29.86	-13	Pass
1756	1775	1	CHP	2	1756.160	-25.33	-13	Pass



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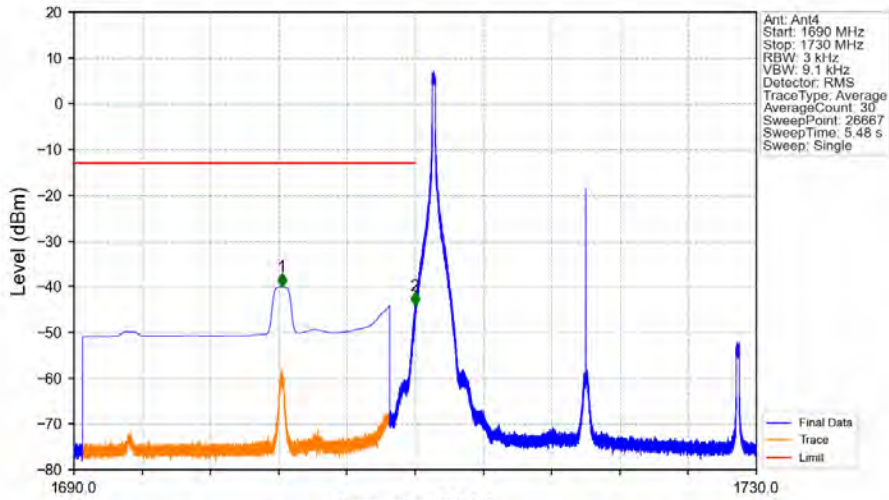
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Band4 20MHz 64QAM LCH 1720MHz RB 1\_0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1702.176	-40.06	-13	Pass
1709	1710	0.003	/	2	1709.982	-44.16	-13	Pass
1710	1730	0.003	/	/	/	/	/	/



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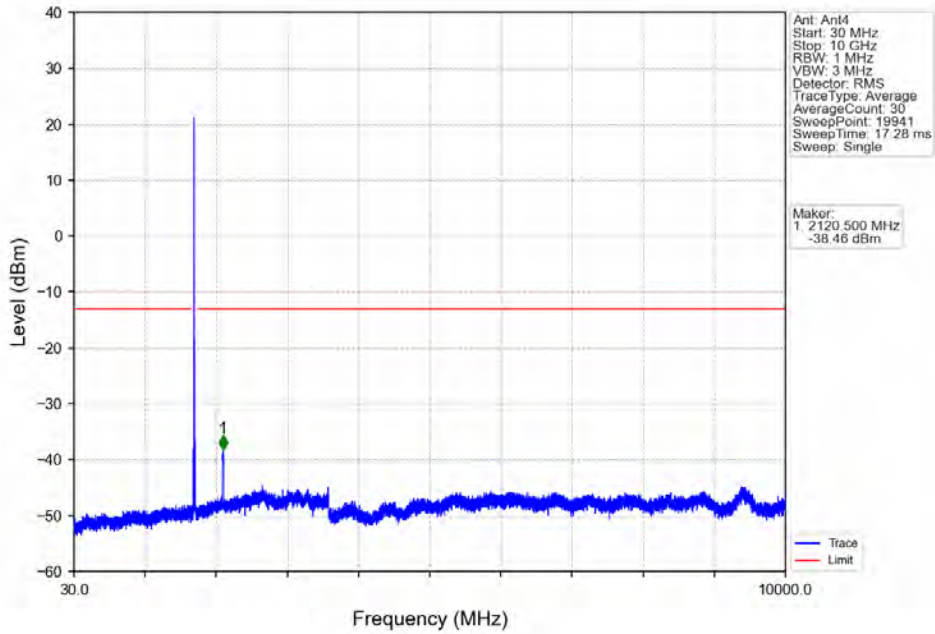
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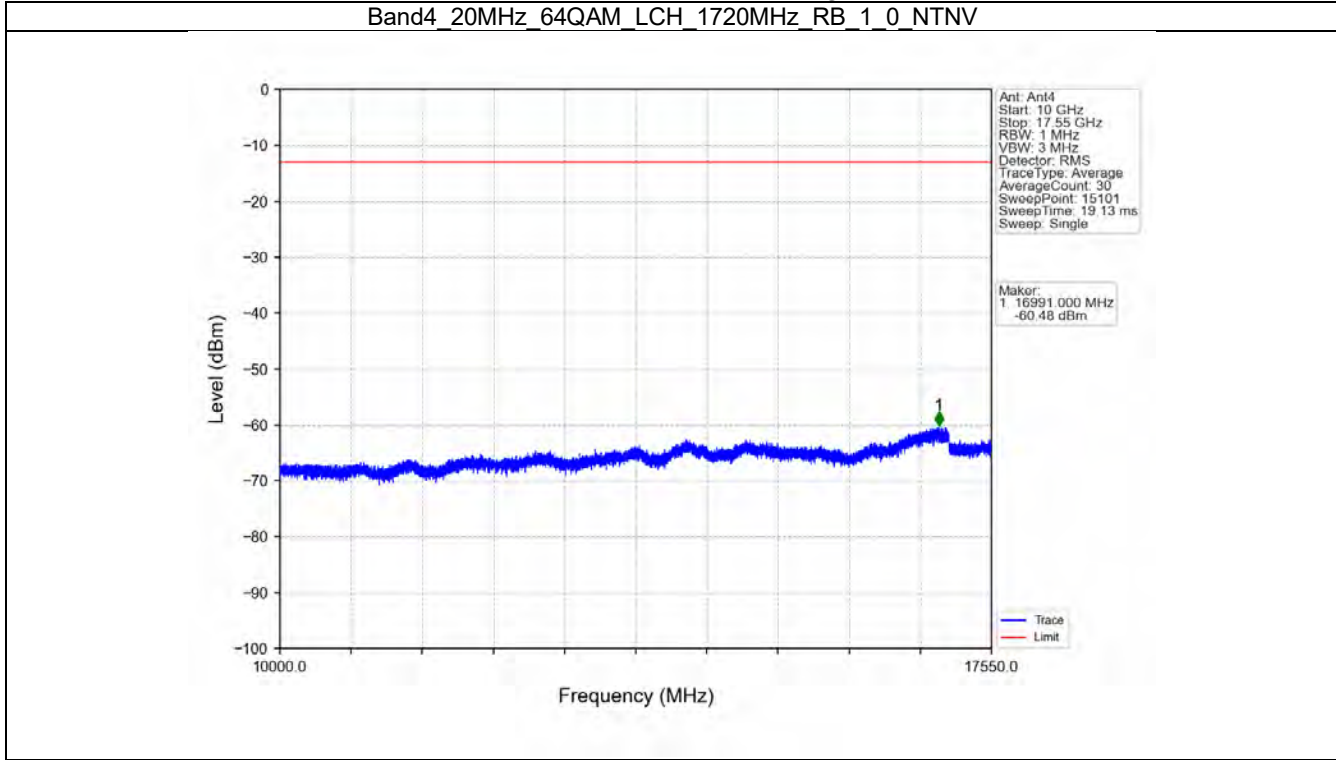


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Band4\_20MHz\_64QAM\_LCH\_1720MHz\_RB\_1\_0\_NTNV



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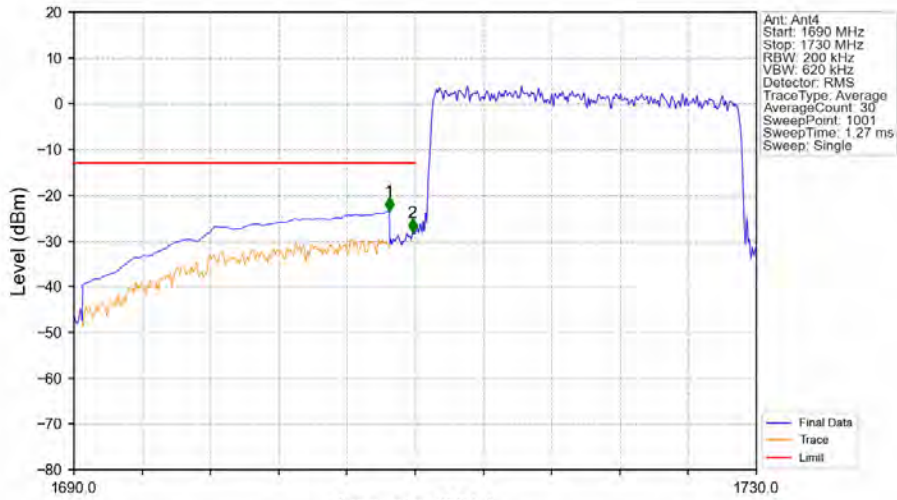
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Band4\_20MHz\_64QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-23.52	-13	Pass
1709	1710	0.2	/	2	1709.840	-28.12	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

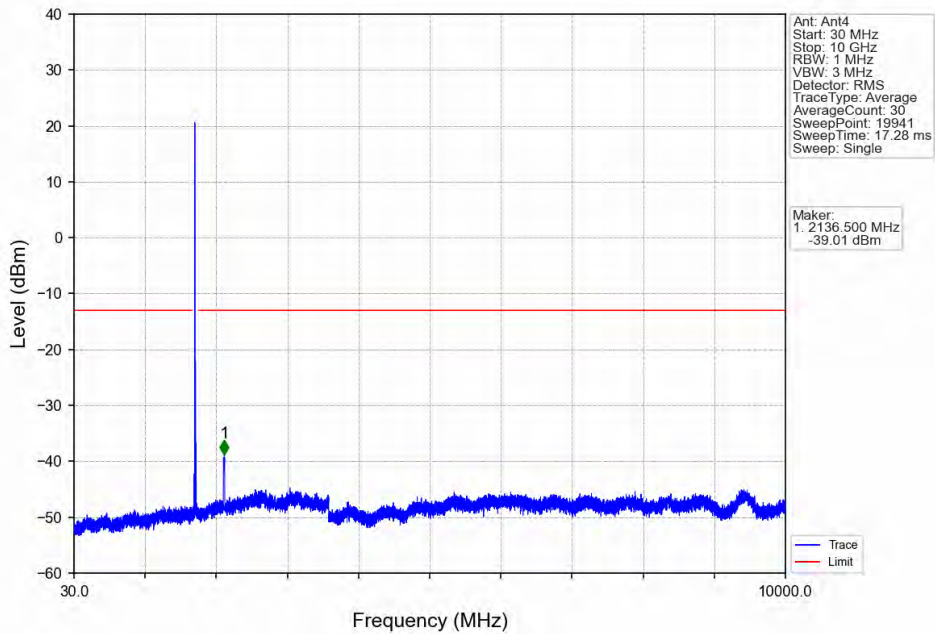


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Band4\_20MHz\_64QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



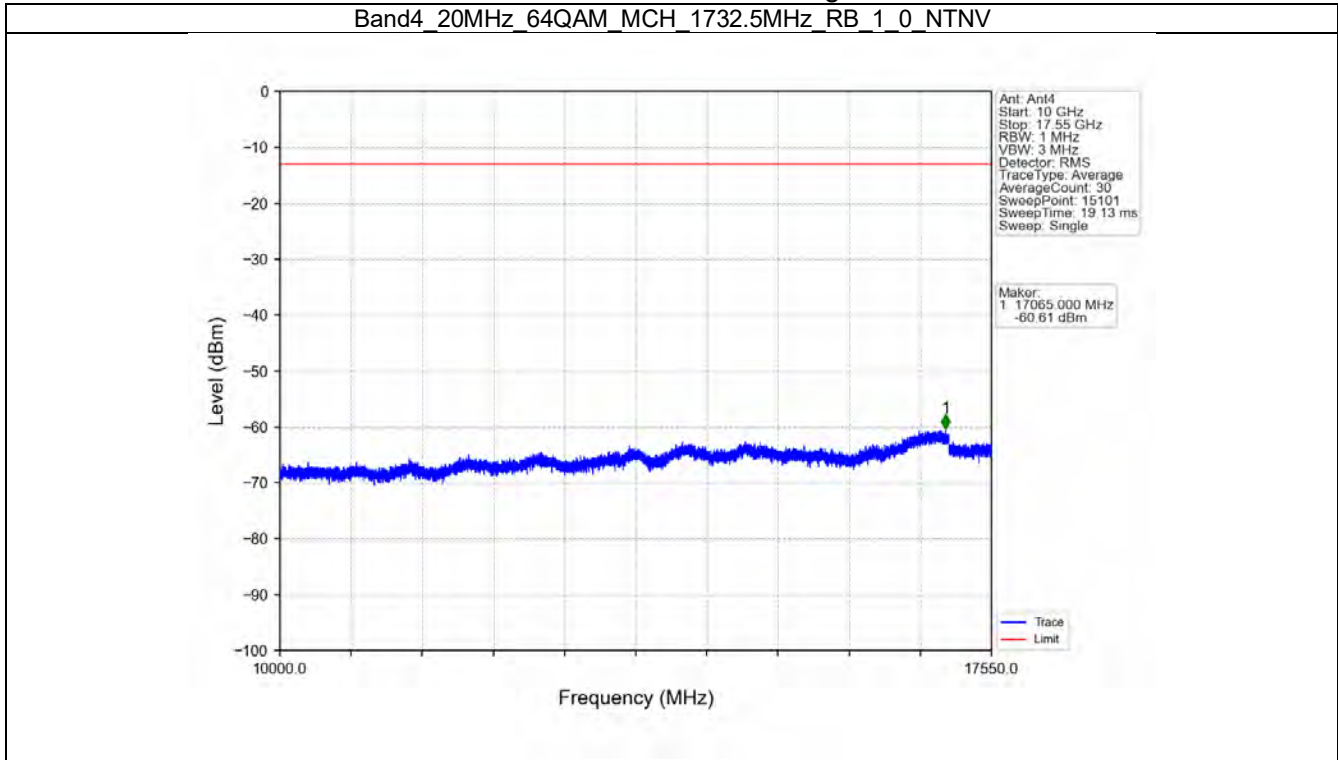
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Band4\_20MHz\_64QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV

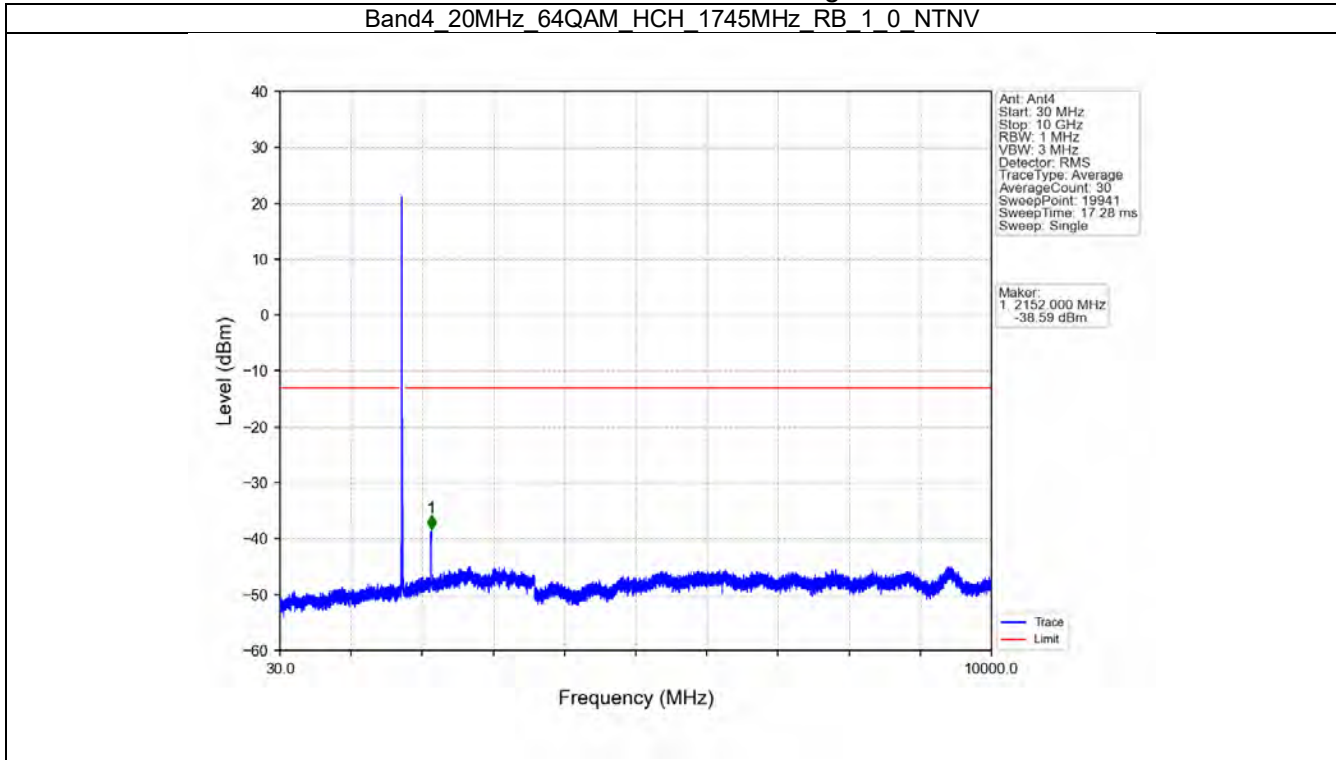


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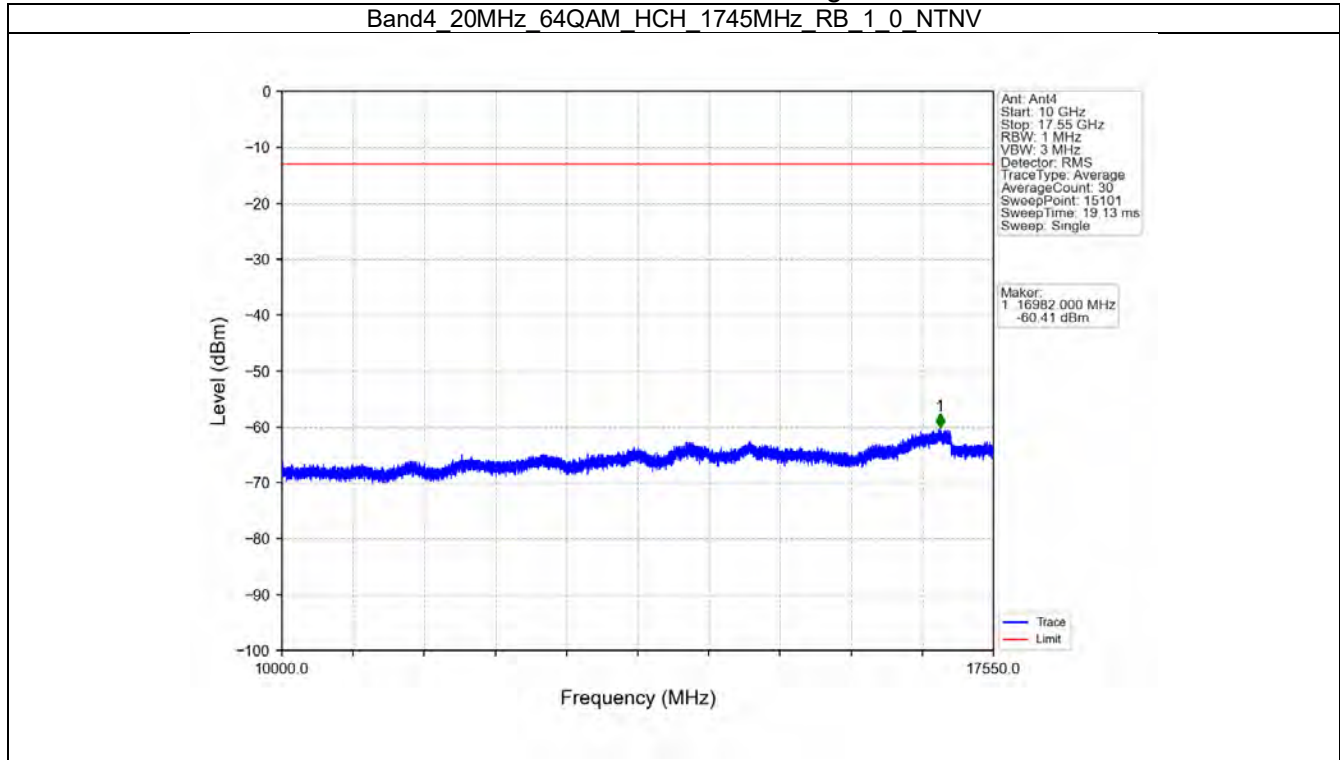


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Band4\_20MHz\_64QAM\_HCH\_1745MHz\_RB\_1\_0\_NTNV



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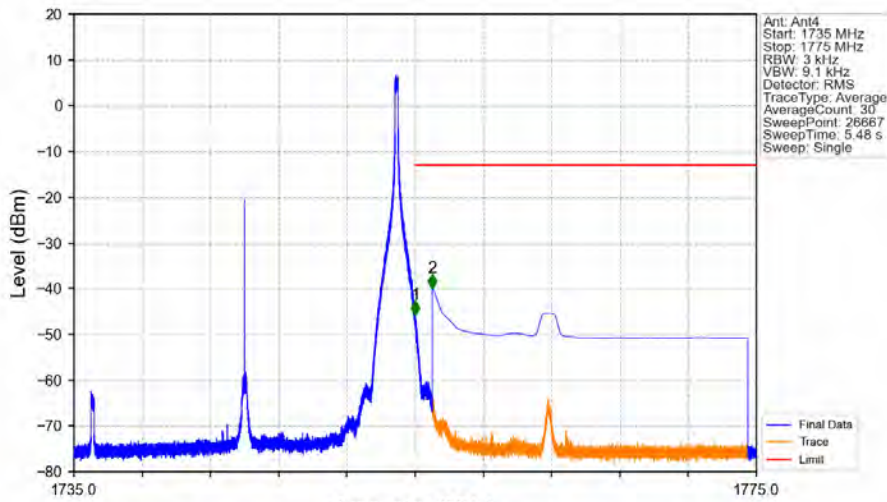
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Band4\_20MHz\_64QAM\_HCH\_1745MHz\_RB\_1\_99\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	1	1755.005	-45.71	-13	Pass
1756	1775	1	CHP	2	1756.001	-39.89	-13	Pass



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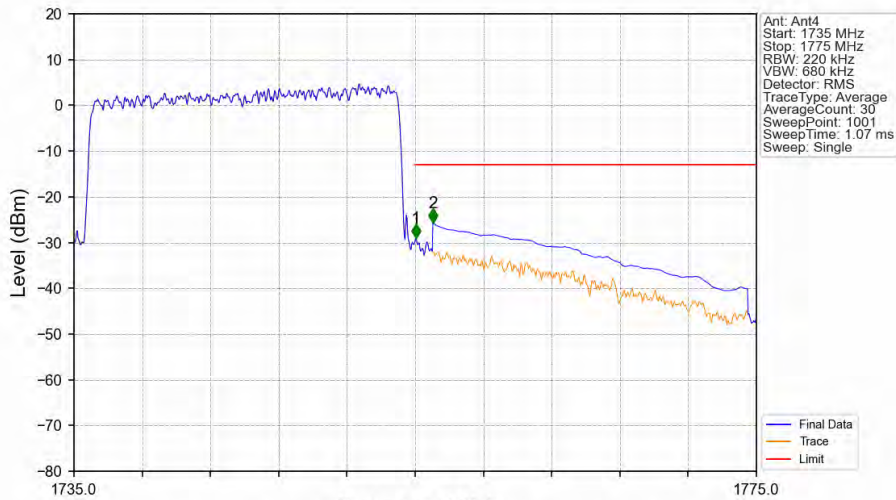


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Band4 20MHz 64QAM\_HCH 1745MHz RB 100\_0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.22	/	/	/	/	/	/
1755	1756	0.22	/	1	1755.040	-29.08	-13	Pass
1756	1775	1	CHP	2	1756.040	-25.72	-13	Pass



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## 6. Field Strength of Spurious Radiation

Test Band = LTE Band 4\_ TM1

Test Channel = Low Channel \_ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.18	45.00	-48.38	28.67	-69.97	-13.00	56.97	Horizontal
2	5133.27	43.02	-47.84	31.82	-68.26	-13.00	55.26	Horizontal
3	6844.36	42.52	-46.82	35.26	-64.30	-13.00	51.30	Horizontal
4	8555.45	40.16	-44.11	36.98	-62.23	-13.00	49.23	Horizontal
5	10266.54	37.12	-41.48	38.74	-60.88	-13.00	47.88	Horizontal
6	11977.63	36.62	-39.54	39.20	-58.98	-13.00	45.98	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.18	44.65	-48.38	28.67	-70.32	-13.00	57.32	Vertical
2	5133.27	42.94	-47.84	31.82	-68.34	-13.00	55.34	Vertical
3	6844.36	42.33	-46.82	35.26	-64.49	-13.00	51.49	Vertical
4	8555.45	39.89	-44.11	36.98	-62.50	-13.00	49.50	Vertical
5	10266.54	37.42	-41.48	38.74	-60.58	-13.00	47.58	Vertical
6	11977.63	36.88	-39.54	39.20	-58.72	-13.00	45.72	Vertical



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Test Band = LTE Band 4\_ TM1

Test Channel = Mid Channel \_ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3447.18	44.49	-48.35	28.68	-70.44	-13.00	57.44	Horizontal
2	5170.77	43.64	-47.87	31.91	-67.58	-13.00	54.58	Horizontal
3	6894.36	42.27	-46.74	35.37	-64.36	-13.00	51.36	Horizontal
4	8617.95	39.31	-44.00	37.07	-62.88	-13.00	49.88	Horizontal
5	10341.54	37.30	-41.19	38.81	-60.34	-13.00	47.34	Horizontal
6	12065.13	36.89	-39.56	39.16	-58.77	-13.00	45.77	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3447.18	43.36	-48.35	28.68	-71.57	-13.00	58.57	Vertical
2	5170.77	42.72	-47.87	31.91	-68.50	-13.00	55.50	Vertical
3	6894.36	42.49	-46.74	35.37	-64.14	-13.00	51.14	Vertical
4	8617.95	39.43	-44.00	37.07	-62.76	-13.00	49.76	Vertical
5	10341.54	37.93	-41.19	38.81	-59.71	-13.00	46.71	Vertical
6	12065.13	36.46	-39.56	39.16	-59.20	-13.00	46.20	Vertical



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Test Band = LTE Band 4\_ TM1

Test Channel = High Channel \_ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.18	43.52	-48.32	28.69	-71.37	-13.00	58.37	Horizontal
2	5208.27	42.98	-47.88	32.00	-68.16	-13.00	55.16	Horizontal
3	6944.36	42.22	-46.67	35.48	-64.23	-13.00	51.23	Horizontal
4	8680.45	39.55	-44.09	37.15	-62.65	-13.00	49.65	Horizontal
5	10416.54	37.72	-41.14	38.88	-59.81	-13.00	46.81	Horizontal
6	12152.63	36.57	-39.73	39.11	-59.31	-13.00	46.31	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.18	43.60	-48.32	28.69	-71.29	-13.00	58.29	Vertical
2	5208.27	43.15	-47.88	32.00	-67.99	-13.00	54.99	Vertical
3	6944.36	42.10	-46.67	35.48	-64.35	-13.00	51.35	Vertical
4	8680.45	39.62	-44.09	37.15	-62.58	-13.00	49.58	Vertical
5	10416.54	37.37	-41.14	38.88	-60.16	-13.00	47.16	Vertical
6	12152.63	36.86	-39.73	39.11	-59.02	-13.00	46.02	Vertical



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Test Band = LTE Band 4A-7A\_TM1  
 Test Channel = Low Channel\_Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.18	45.50	-48.38	28.67	-69.47	-25.00	44.47	Horizontal
2	5002.18	43.40	-48.01	31.51	-68.36	-25.00	43.36	Horizontal
3	5133.27	42.74	-47.84	31.82	-68.54	-25.00	43.54	Horizontal
4	6844.36	42.08	-46.82	35.26	-64.74	-25.00	39.74	Horizontal
5	7503.27	40.47	-46.11	36.80	-64.11	-25.00	39.11	Horizontal
6	10004.36	38.35	-41.71	38.50	-60.11	-25.00	35.11	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.18	44.74	-48.38	28.67	-70.23	-25.00	45.23	Vertical
2	5002.18	43.14	-48.01	31.51	-68.62	-25.00	43.62	Vertical
3	5133.27	43.29	-47.84	31.82	-67.99	-25.00	42.99	Vertical
4	6844.36	43.05	-46.82	35.26	-63.77	-25.00	38.77	Vertical
5	7503.27	40.96	-46.11	36.80	-63.62	-25.00	38.62	Vertical
6	10004.36	38.86	-41.71	38.50	-59.60	-25.00	34.60	Vertical



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Test Band = LTE Band 4A-7A\_TM1  
 Test Channel = Mid Channel \_ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3447.18	44.03	-48.35	28.68	-70.90	-25.00	45.90	Horizontal
2	5052.18	43.14	-47.91	31.63	-68.40	-25.00	43.40	Horizontal
3	5170.77	43.52	-47.87	31.91	-67.70	-25.00	42.70	Horizontal
4	6894.36	42.44	-46.74	35.37	-64.19	-25.00	39.19	Horizontal
5	7578.27	40.54	-44.91	36.71	-62.93	-25.00	37.93	Horizontal
6	10104.36	38.59	-41.88	38.59	-59.96	-25.00	34.96	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3447.18	43.90	-48.35	28.68	-71.03	-25.00	46.03	Vertical
2	5052.18	42.33	-47.91	31.63	-69.21	-25.00	44.21	Vertical
3	5170.77	43.44	-47.87	31.91	-67.78	-25.00	42.78	Vertical
4	6894.36	42.13	-46.74	35.37	-64.50	-25.00	39.50	Vertical
5	7578.27	40.34	-44.91	36.71	-63.13	-25.00	38.13	Vertical
6	10104.36	38.65	-41.88	38.59	-59.90	-25.00	34.90	Vertical



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Test Band = LTE Band 4A-7A\_TM1  
 Test Channel = High Channel \_ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.18	44.06	-48.32	28.69	-70.83	-25.00	45.83	Horizontal
2	5102.18	43.54	-47.82	31.75	-67.80	-25.00	42.80	Horizontal
3	5208.27	43.60	-47.88	32.00	-67.54	-25.00	42.54	Horizontal
4	6944.36	42.25	-46.67	35.48	-64.20	-25.00	39.20	Horizontal
5	7653.27	42.59	-44.91	36.62	-60.97	-25.00	35.97	Horizontal
6	10204.36	37.37	-42.10	38.68	-61.30	-25.00	36.30	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.18	44.67	-48.32	28.69	-70.22	-25.00	45.22	Vertical
2	5102.18	43.83	-47.82	31.75	-67.51	-25.00	42.51	Vertical
3	5208.27	44.17	-47.88	32.00	-66.97	-25.00	41.97	Vertical
4	6944.36	41.76	-46.67	35.48	-64.69	-25.00	39.69	Vertical
5	7653.27	41.89	-44.91	36.62	-61.67	-25.00	36.67	Vertical
6	10204.36	37.57	-42.10	38.68	-61.10	-25.00	36.10	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Pre-amplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---



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