

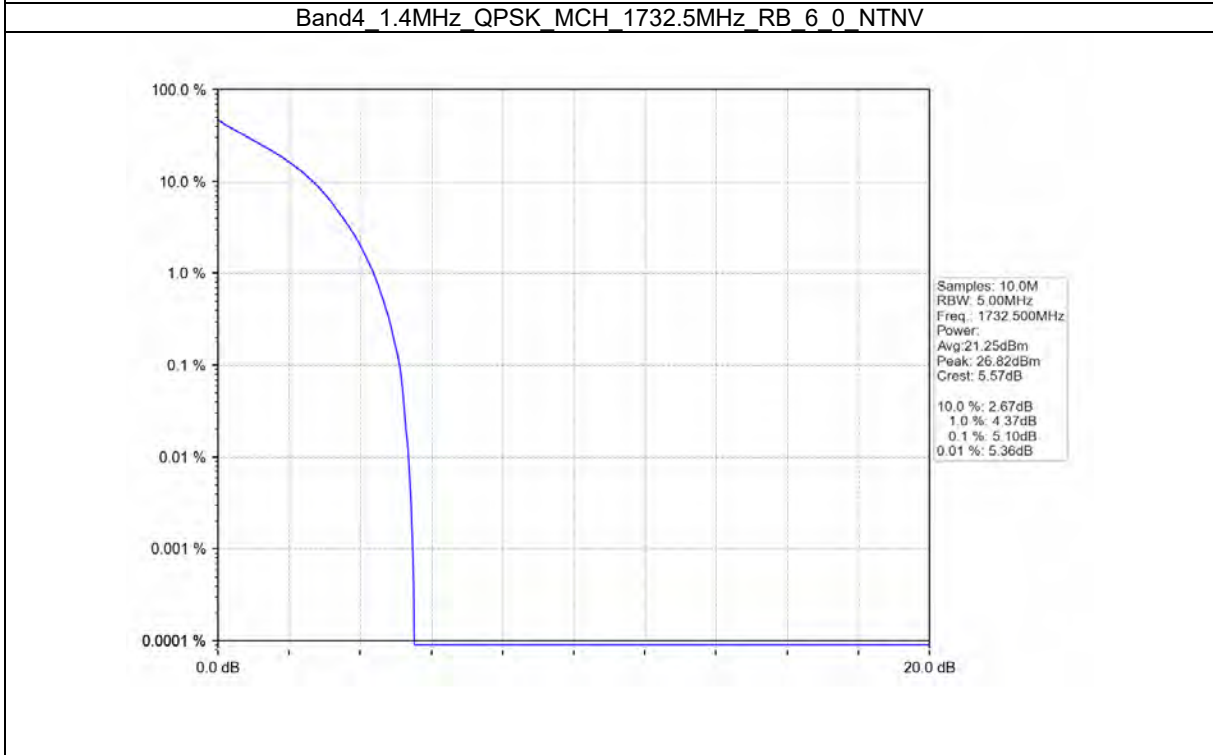
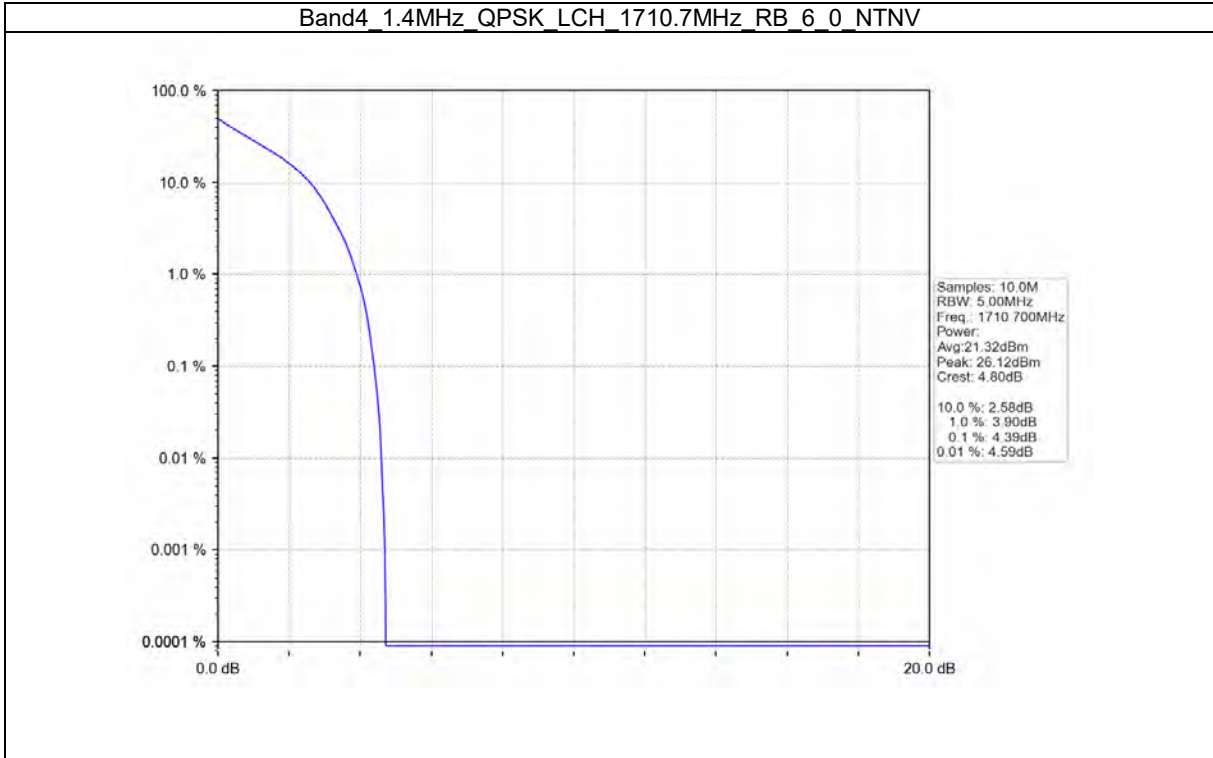


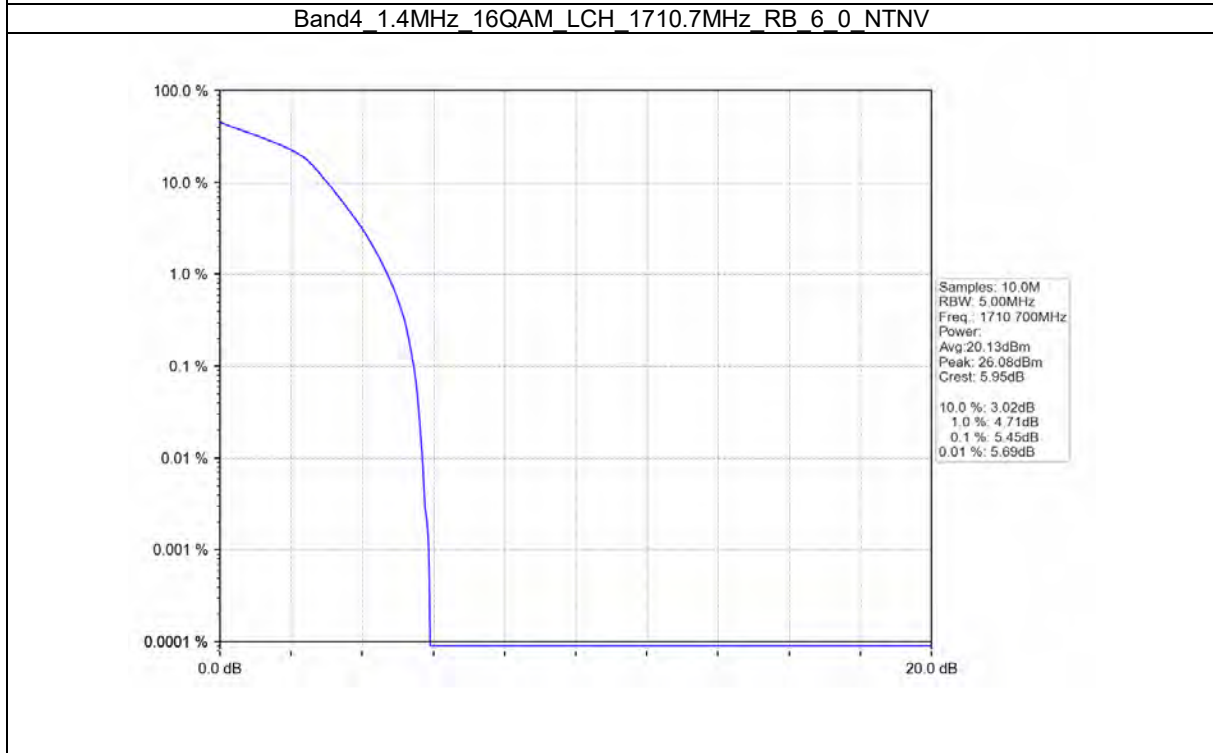
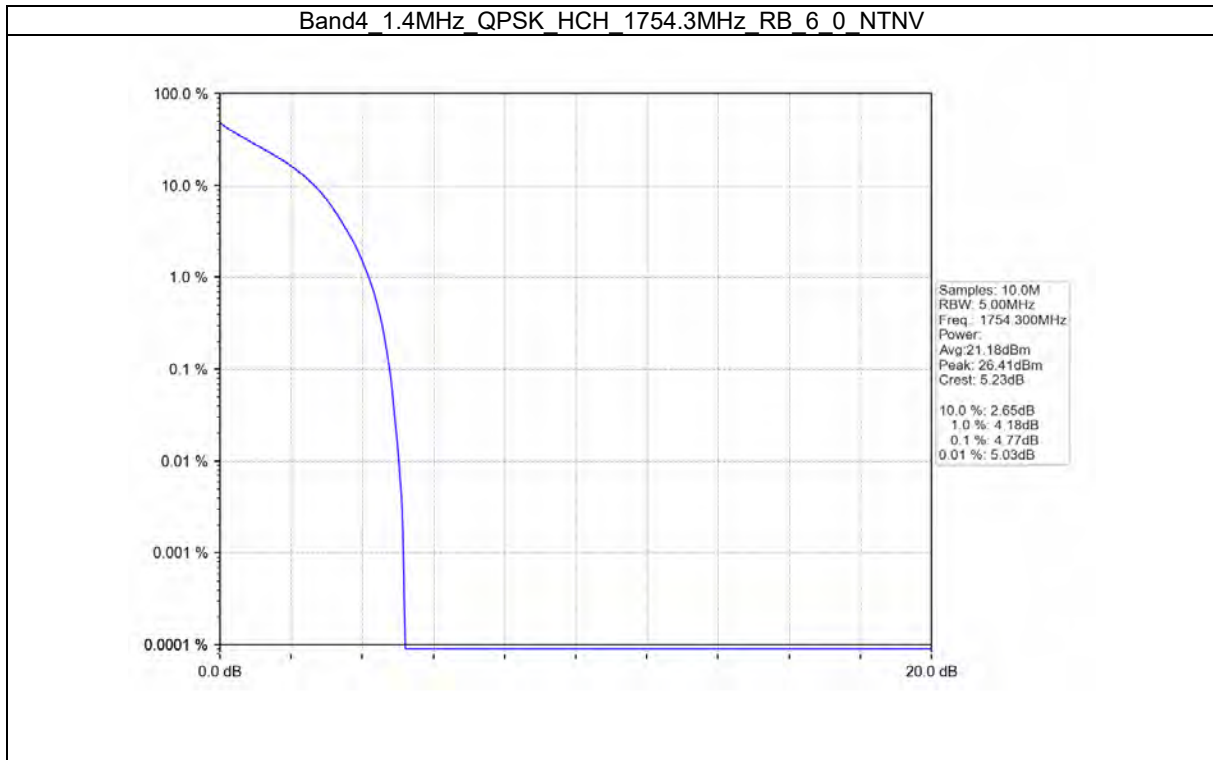
Test Report No.: W7L-P22090015-5RF06

### PEAK-AVERAGE RATIO B4\_1.4MHZ TEST RESULT

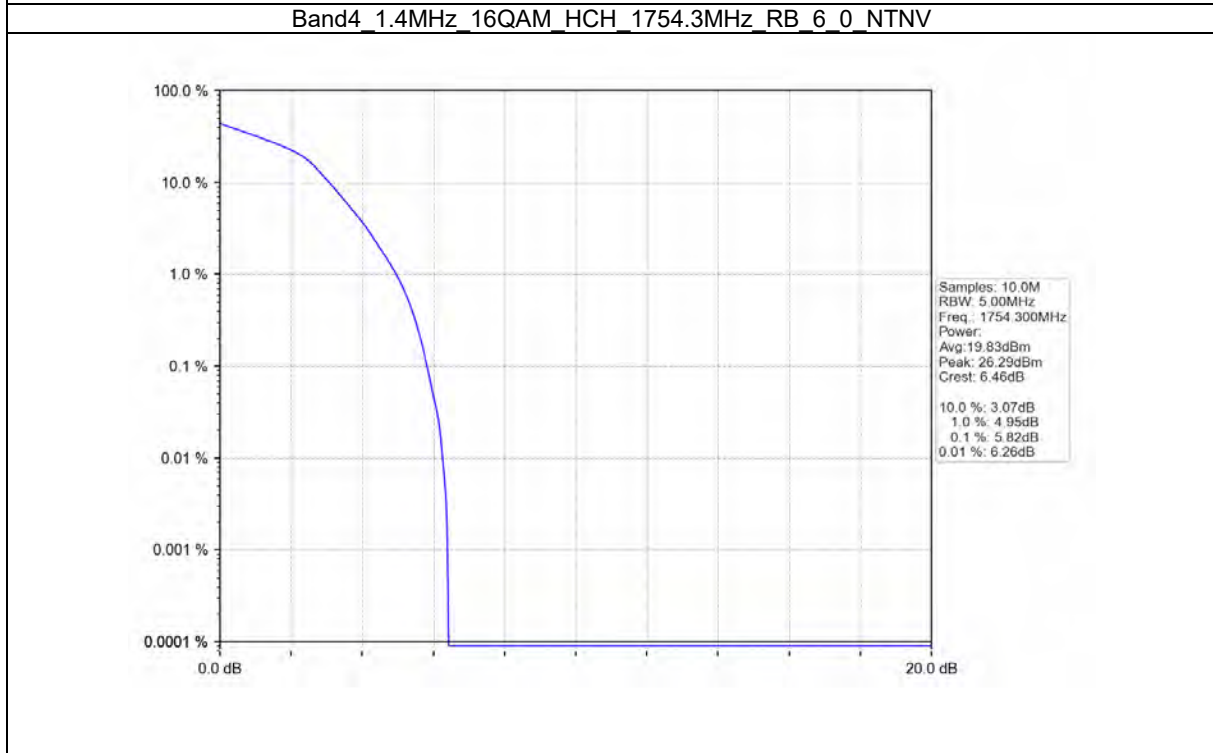
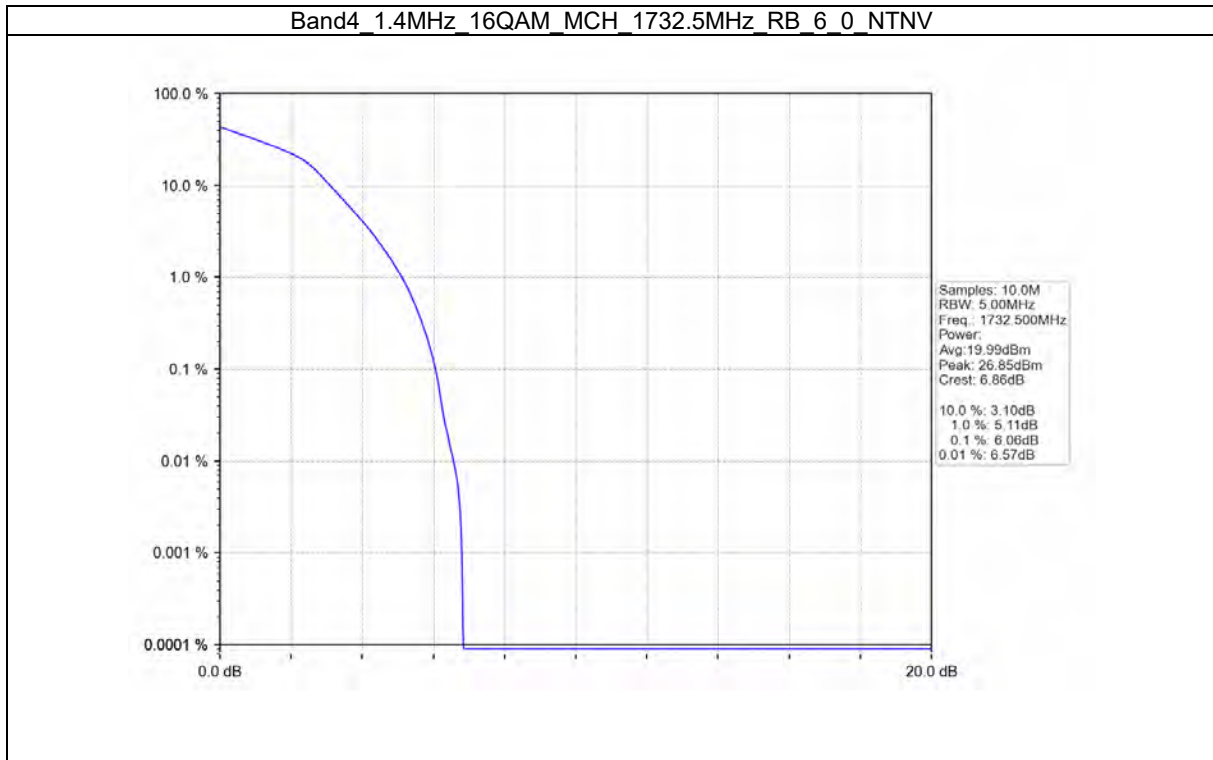
Band: 4 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.39	<=13	Pass
	1732.5	6	0	5.10	<=13	Pass
	1754.3	6	0	4.77	<=13	Pass
16QAM	1710.7	6	0	5.45	<=13	Pass
	1732.5	6	0	6.06	<=13	Pass
	1754.3	6	0	5.82	<=13	Pass
64QAM	1710.7	6	0	6.05	<=13	Pass
	1732.5	6	0	6.70	<=13	Pass
	1754.3	6	0	6.42	<=13	Pass

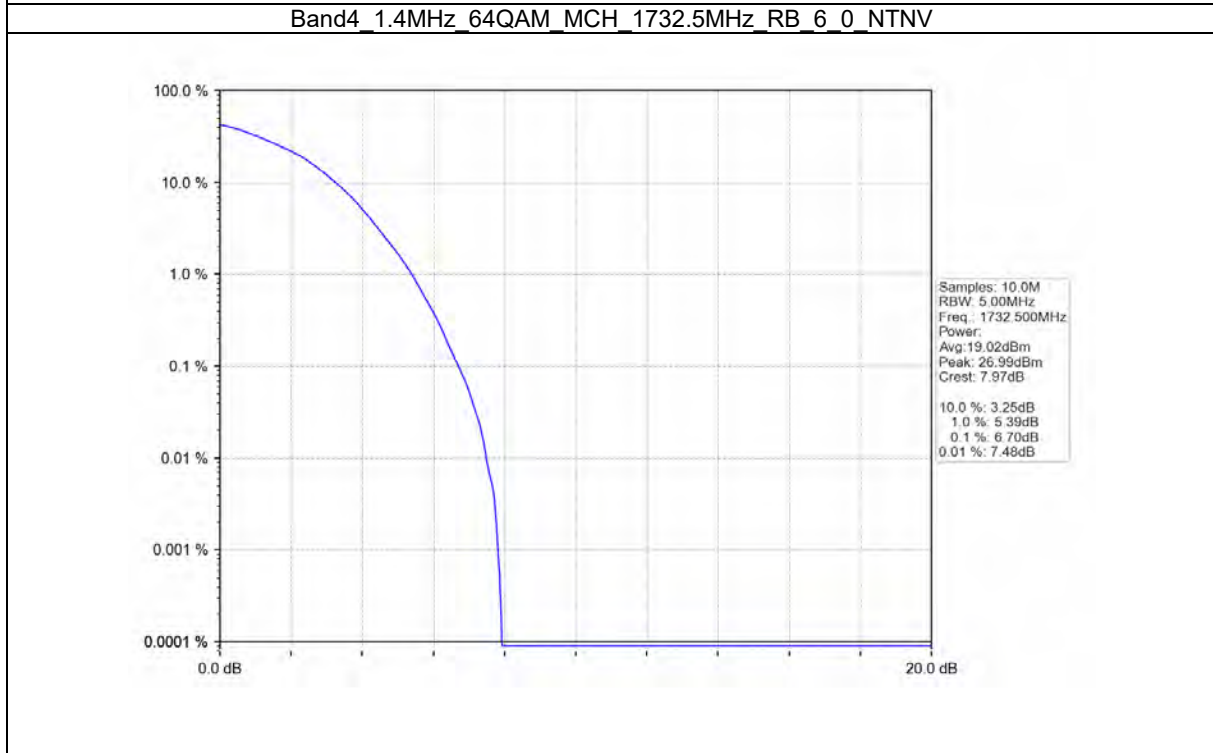
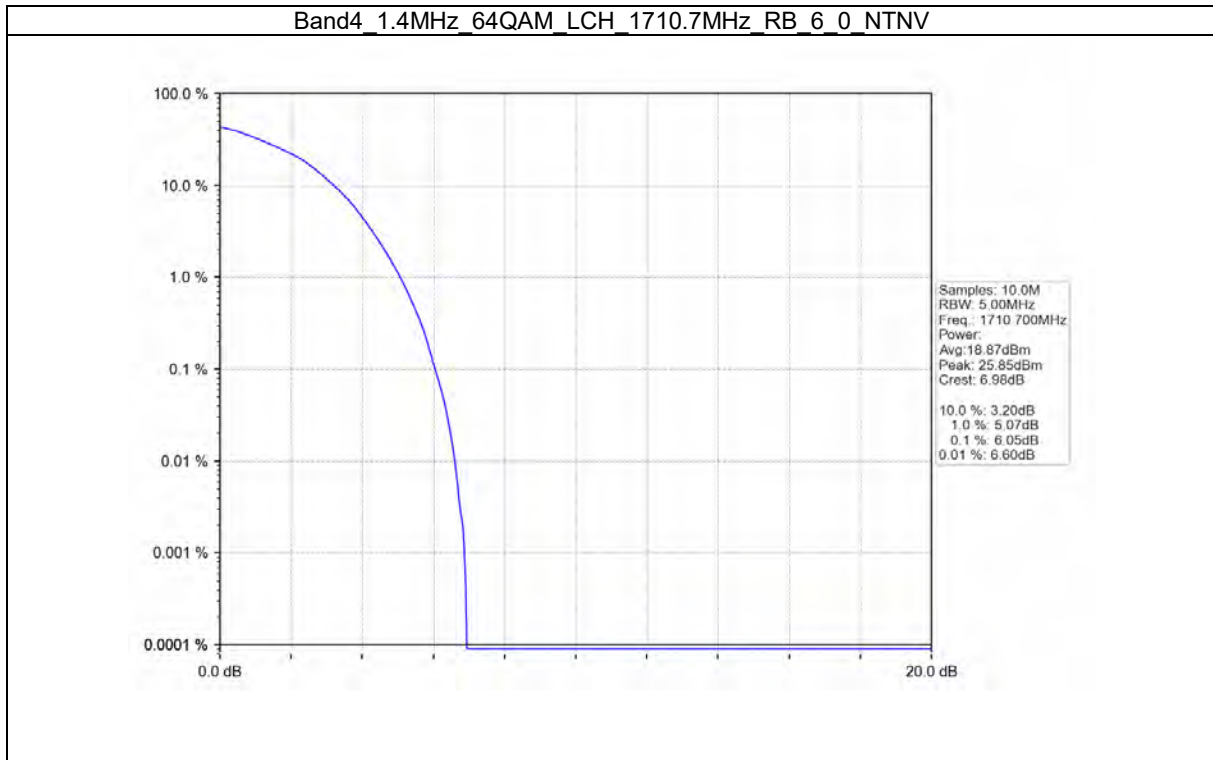
**TEST GRAPH**





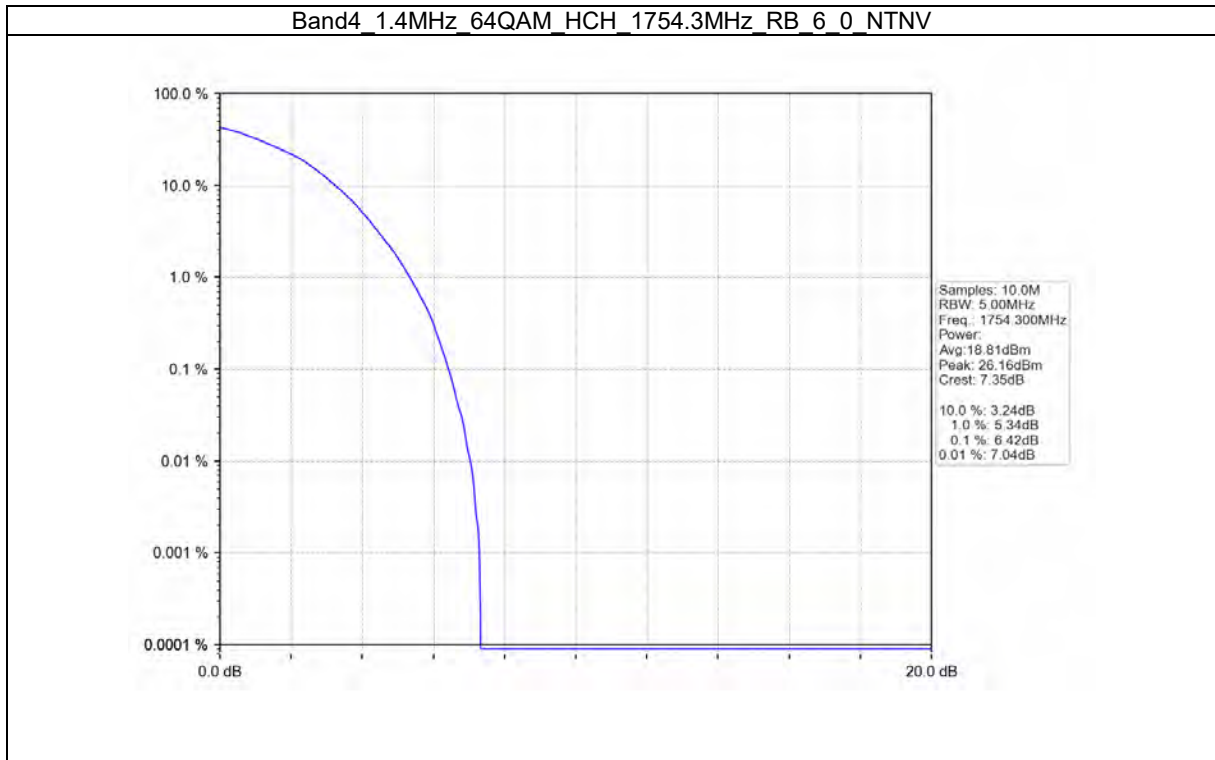








Test Report No.: W7L-P22090015-5RF06



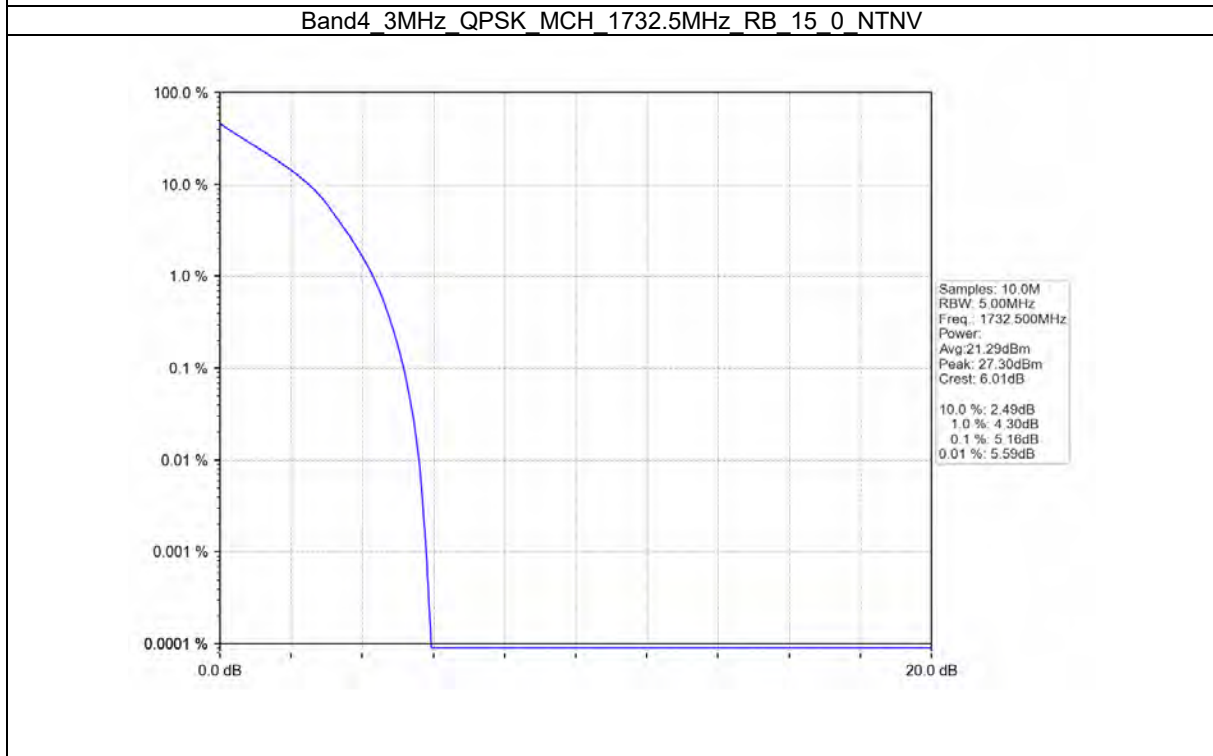
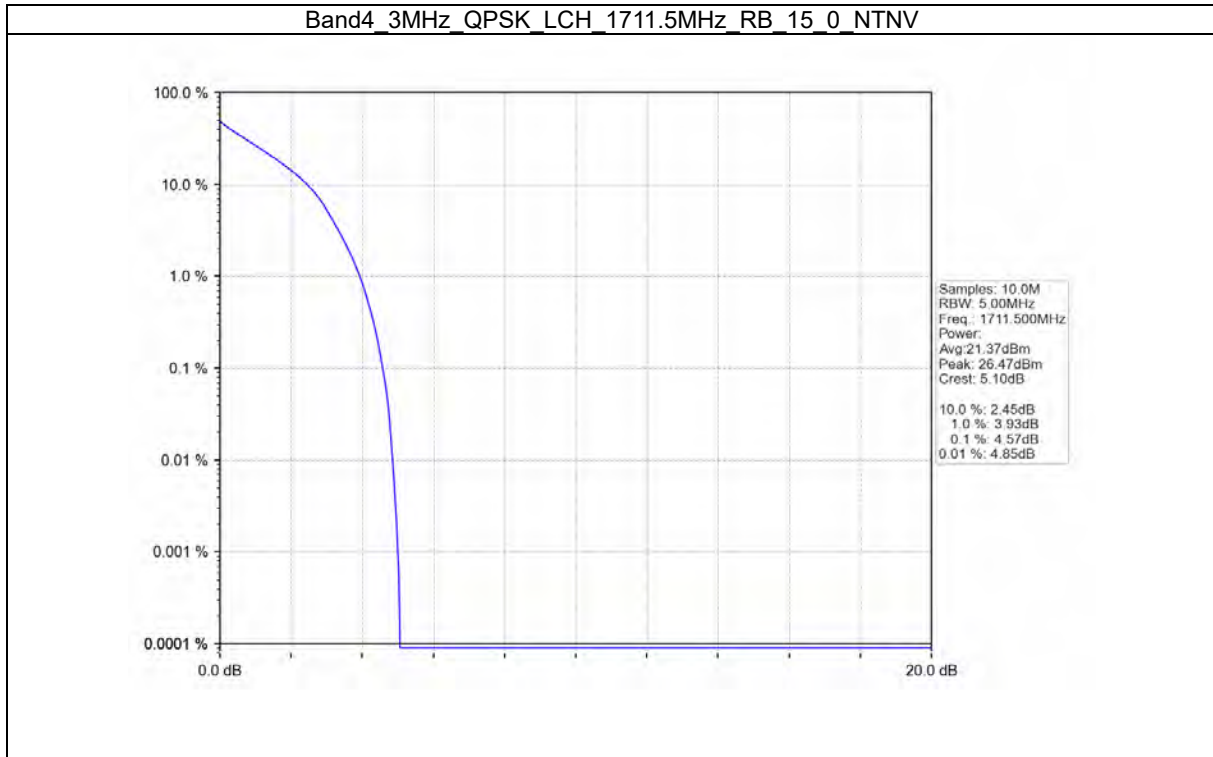


Test Report No.: W7L-P22090015-5RF06

### B4\_3MHZ TEST RESULT

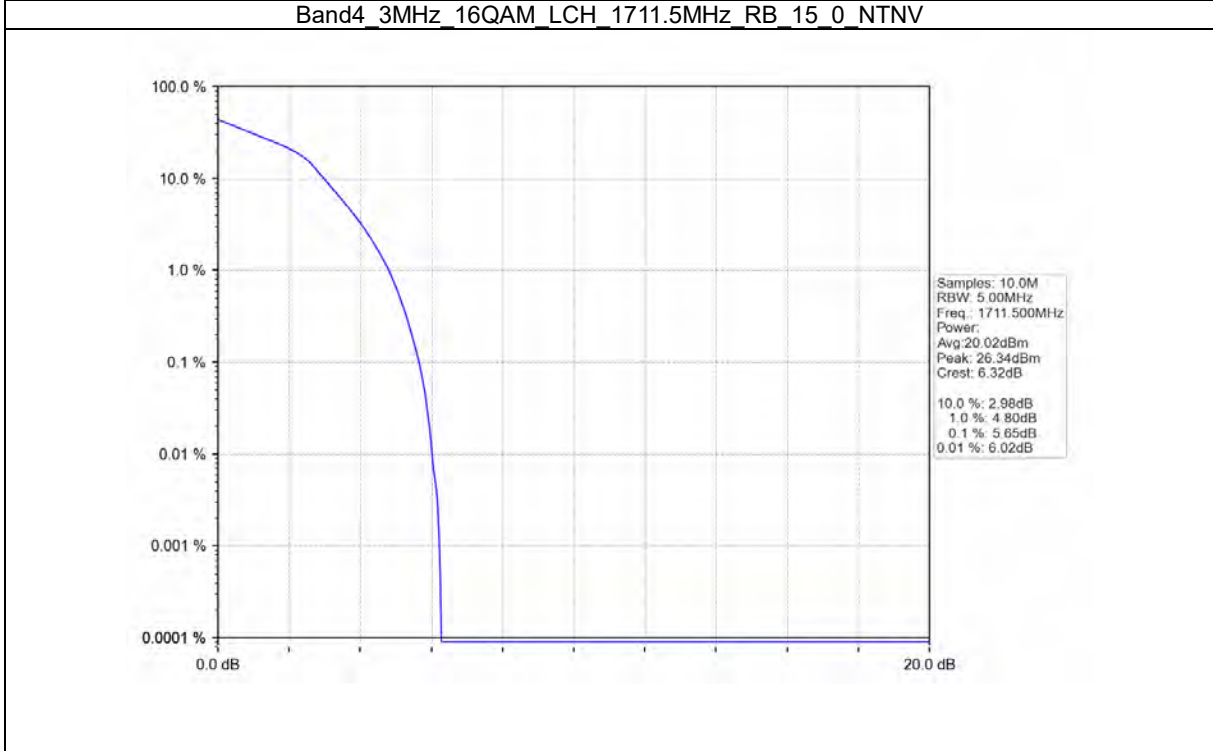
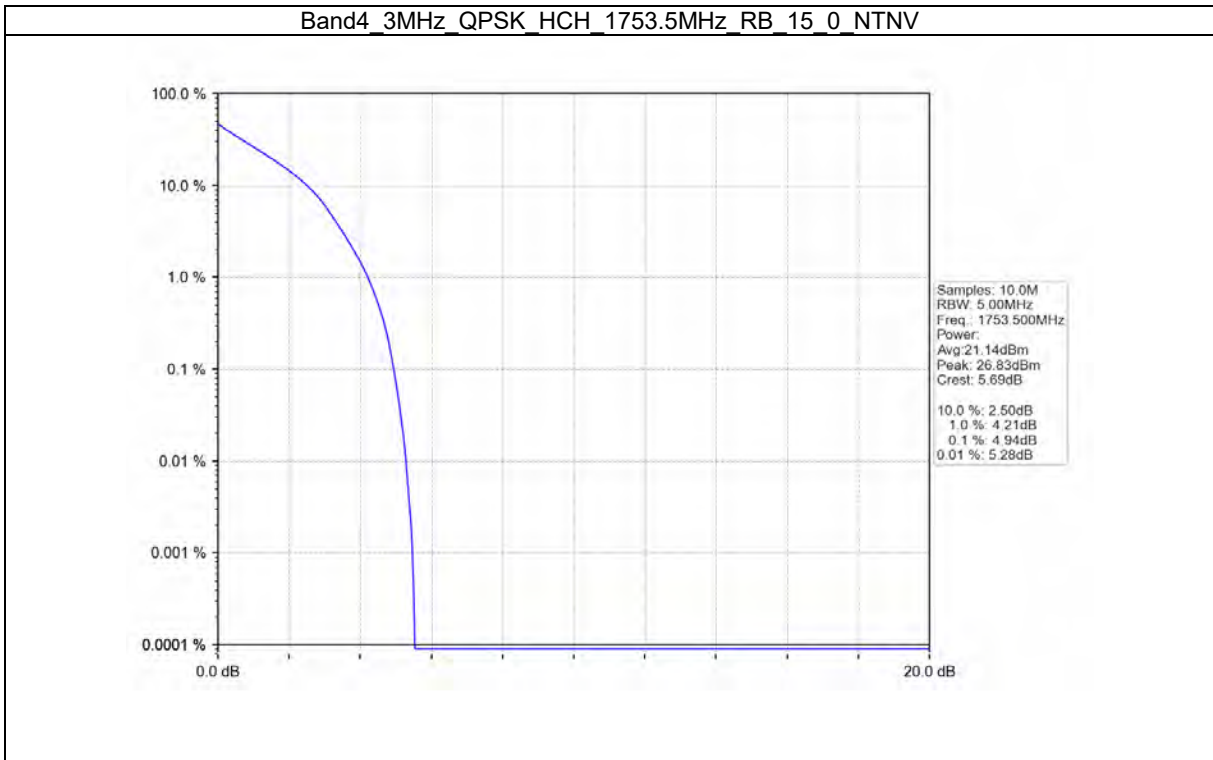
Band: 4 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.57	<=13	Pass
	1732.5	15	0	5.16	<=13	Pass
	1753.5	15	0	4.94	<=13	Pass
16QAM	1711.5	15	0	5.65	<=13	Pass
	1732.5	15	0	6.15	<=13	Pass
	1753.5	15	0	6.02	<=13	Pass
64QAM	1711.5	15	0	6.19	<=13	Pass
	1732.5	15	0	6.58	<=13	Pass
	1753.5	15	0	6.59	<=13	Pass

**TEST GRAPH**



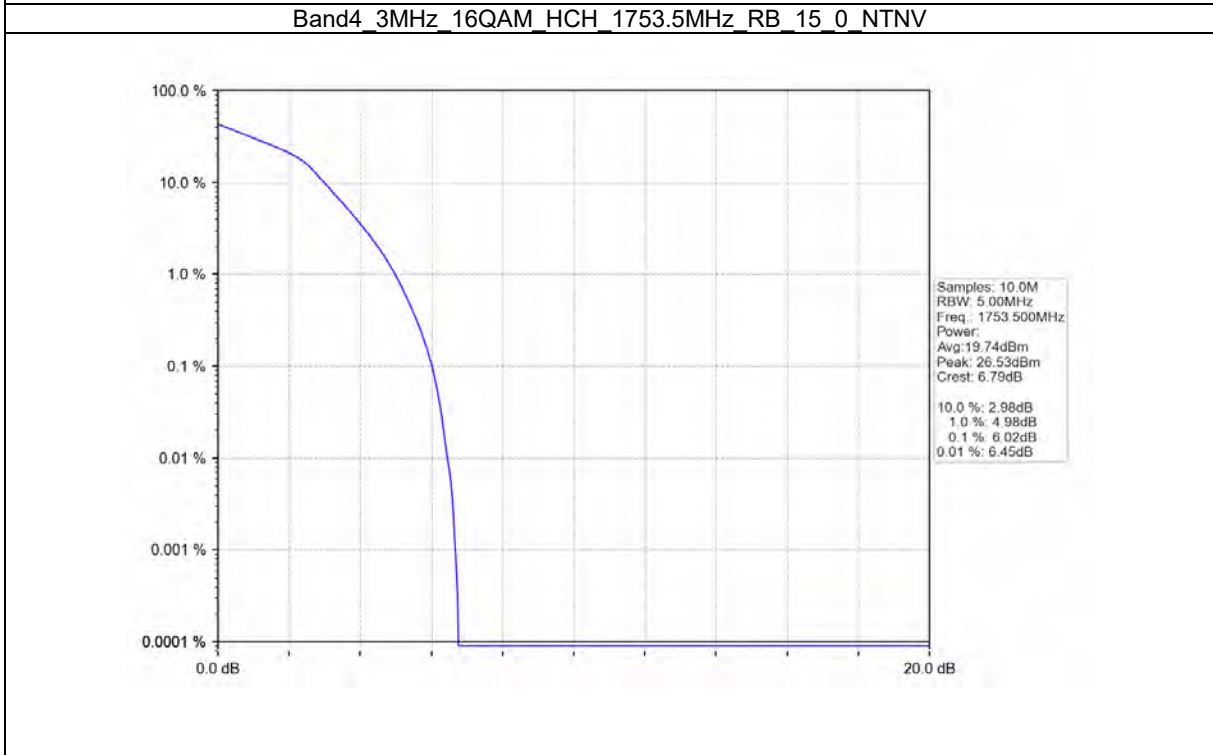
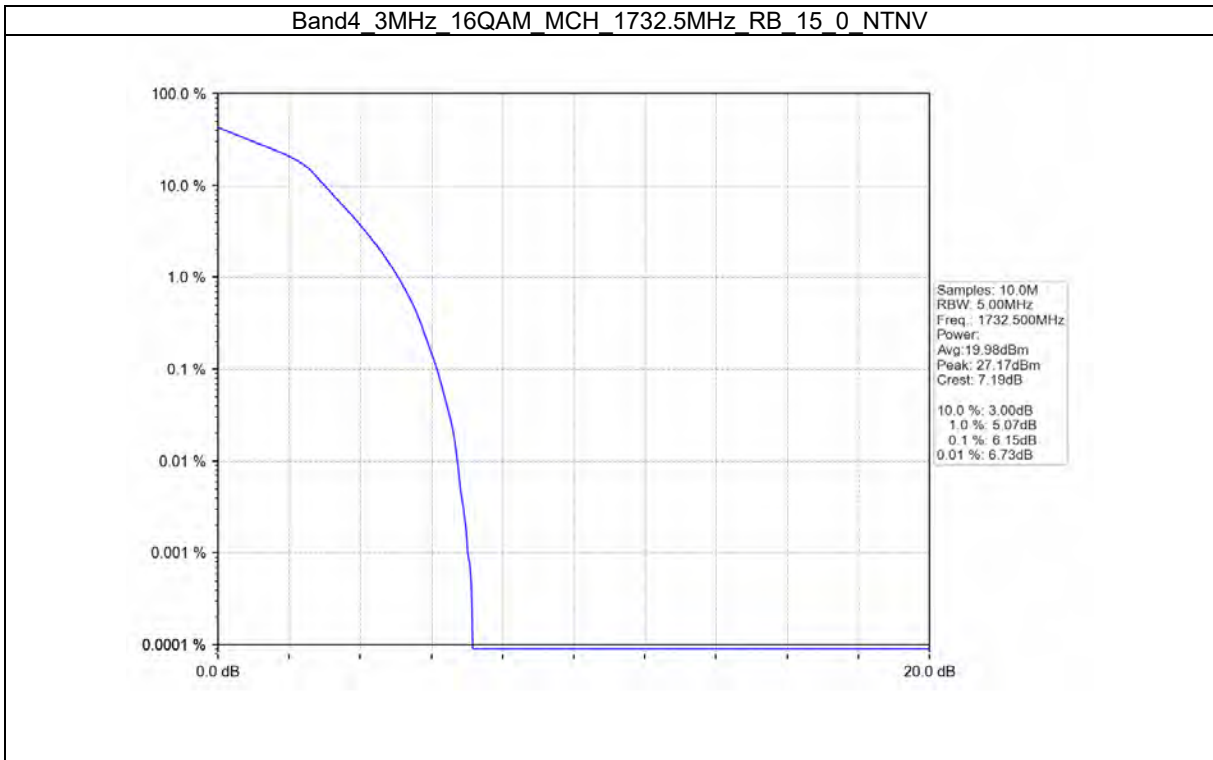


Test Report No.: W7L-P22090015-5RF06



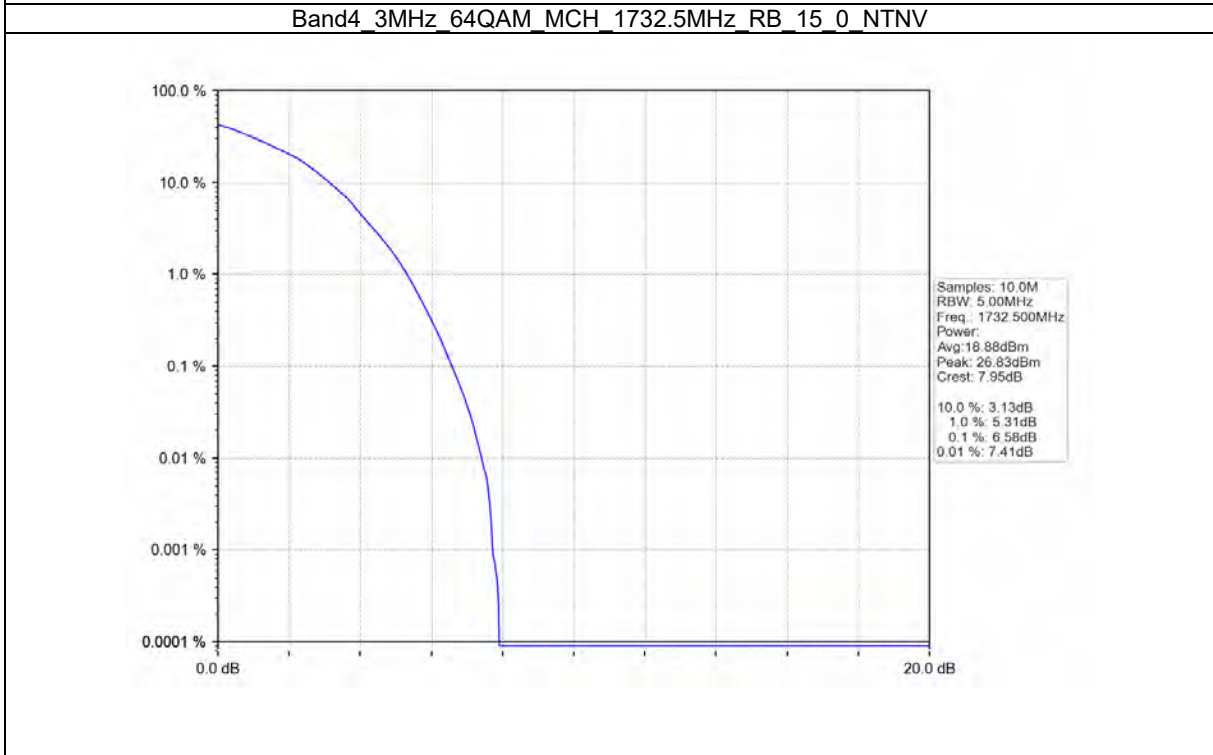
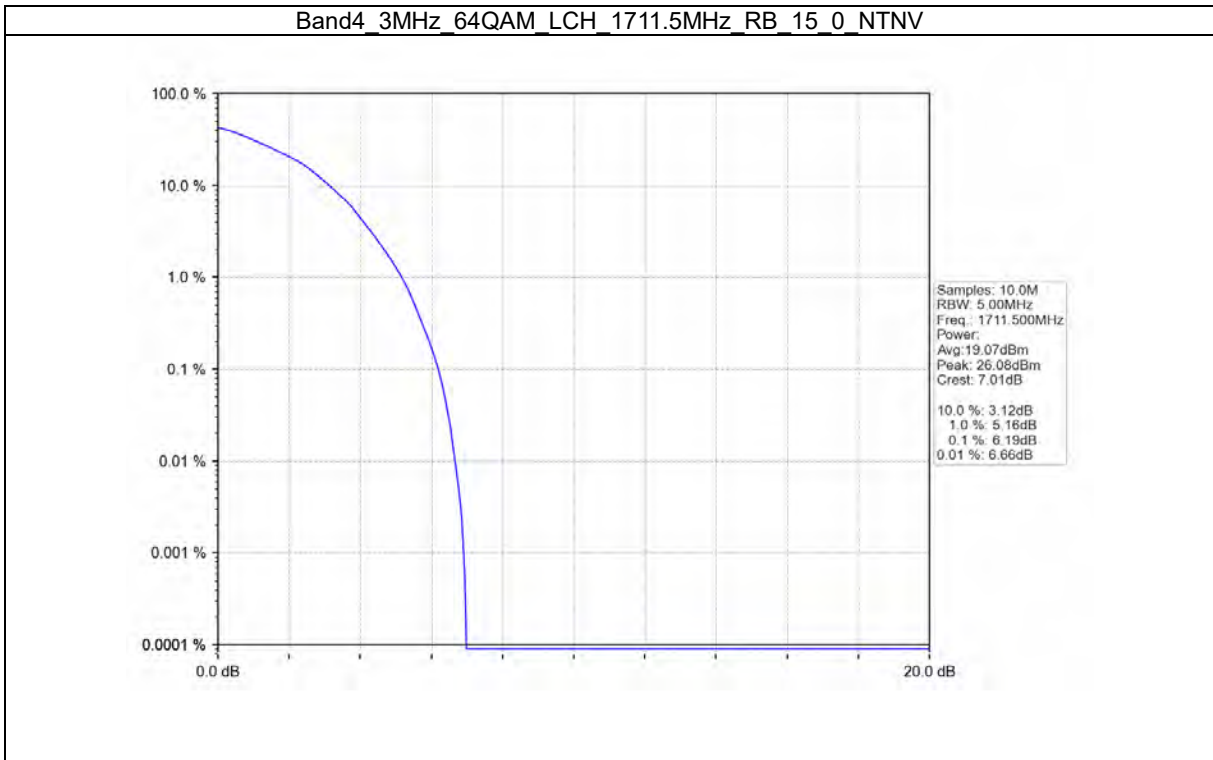


Test Report No.: W7L-P22090015-5RF06





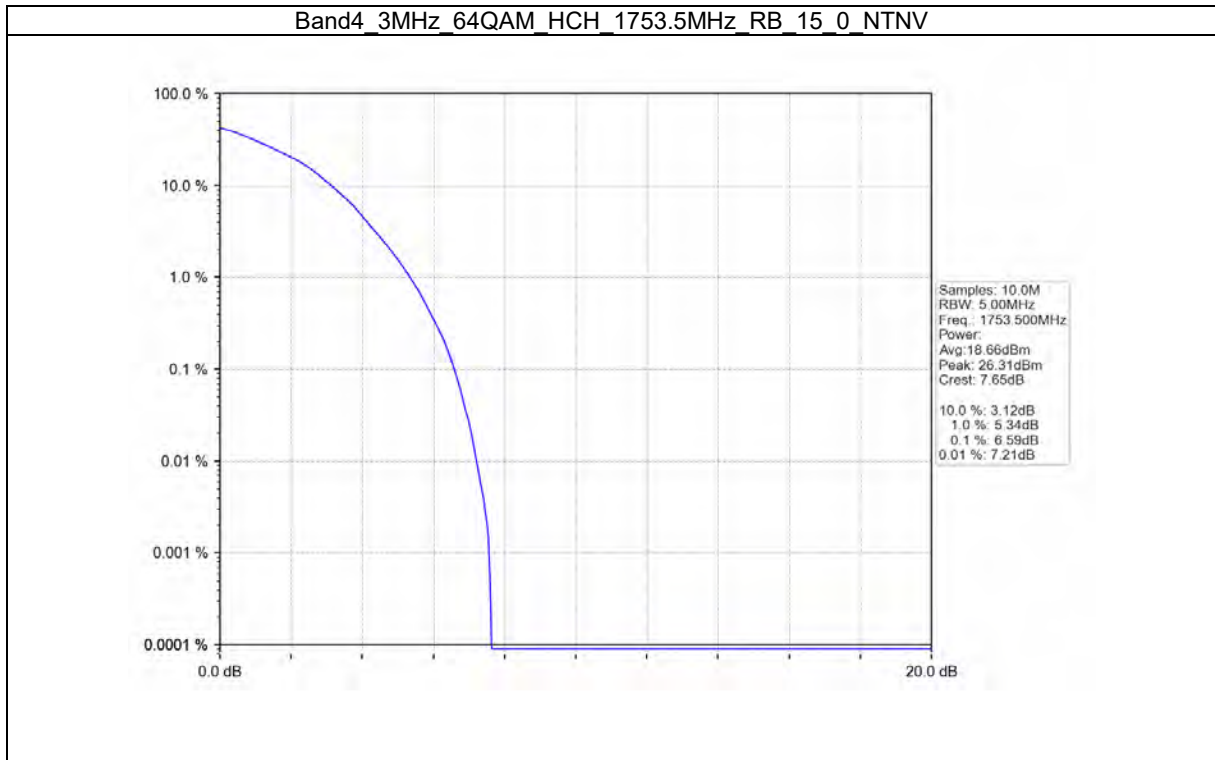
Test Report No.: W7L-P22090015-5RF06







Test Report No.: W7L-P22090015-5RF06



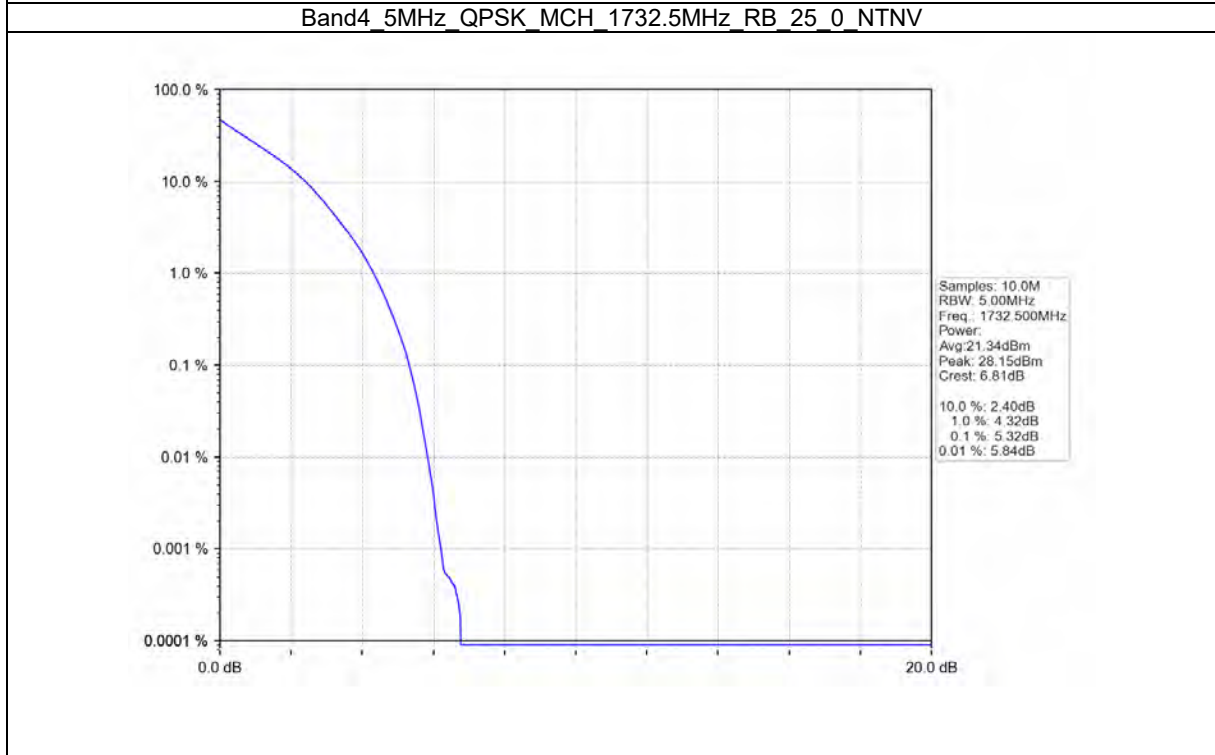
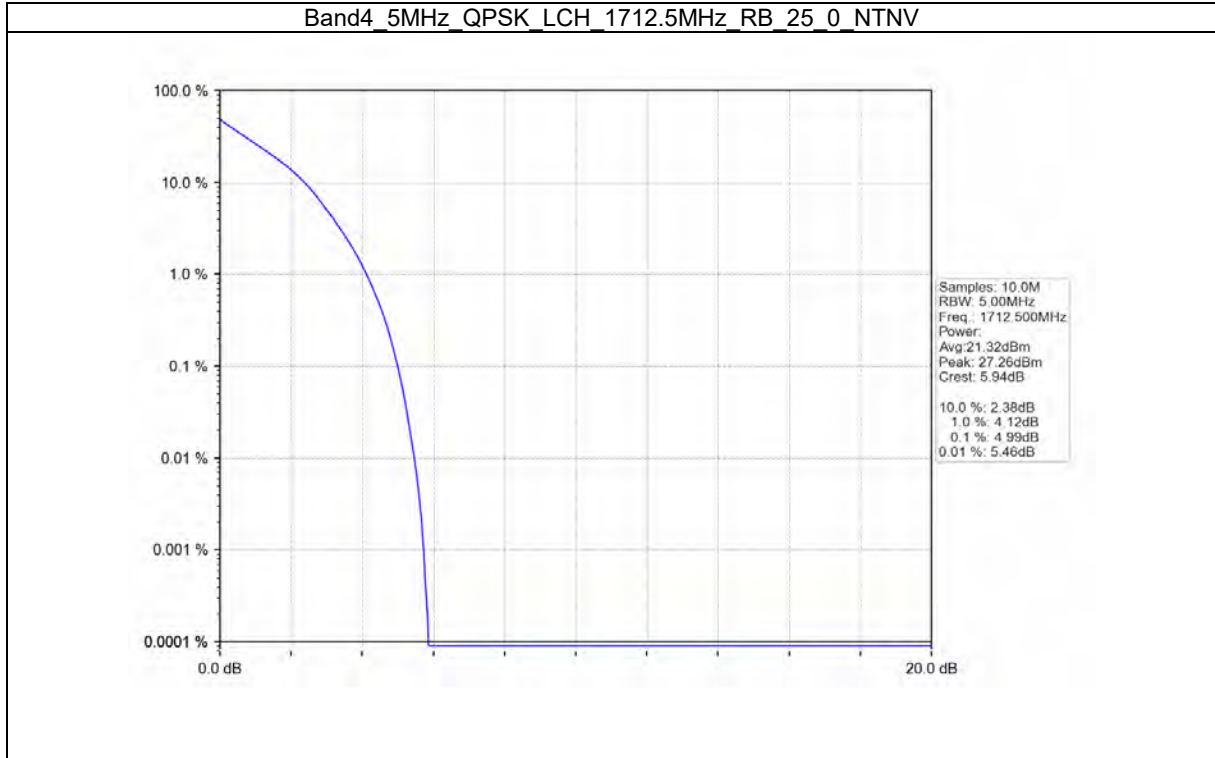


Test Report No.: W7L-P22090015-5RF06

### B4\_5MHZ TEST RESULT

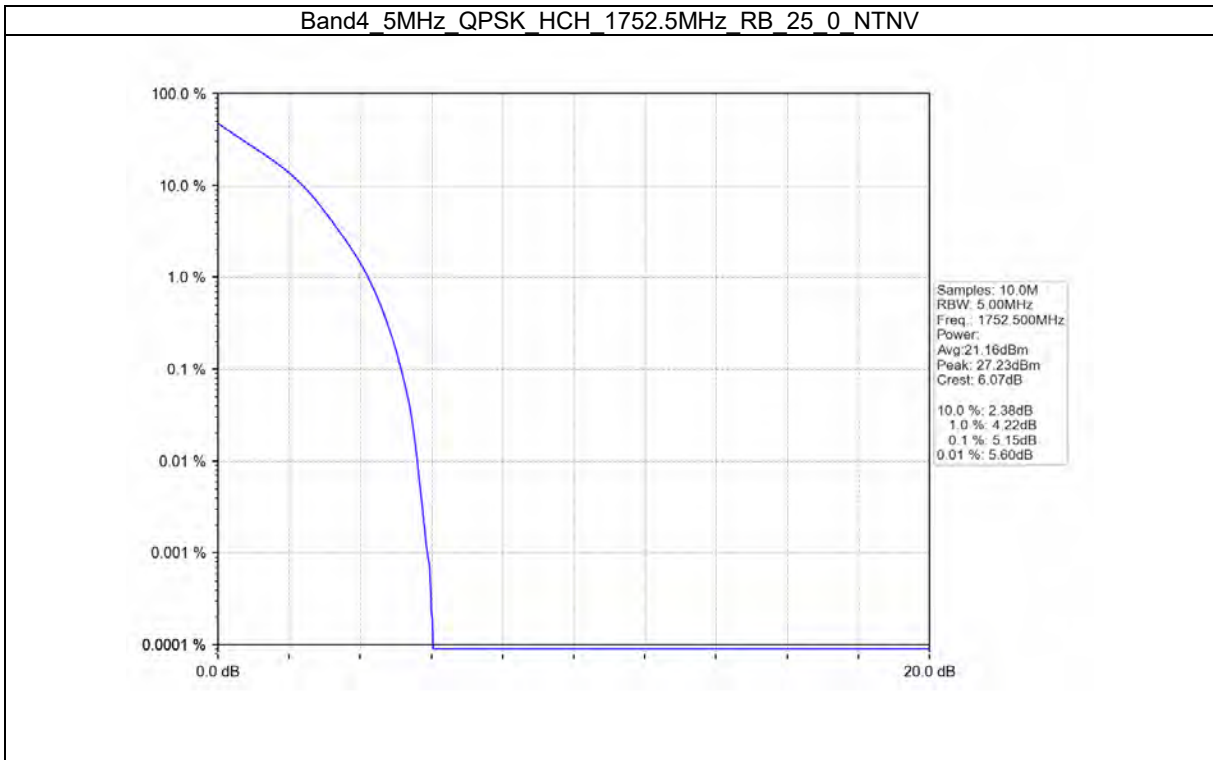
Band: 4 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	4.99	<=13	Pass
	1732.5	25	0	5.32	<=13	Pass
	1752.5	25	0	5.15	<=13	Pass
16QAM	1712.5	25	0	5.86	<=13	Pass
	1732.5	25	0	6.23	<=13	Pass
	1752.5	25	0	6.09	<=13	Pass
64QAM	1712.5	25	0	6.28	<=13	Pass
	1732.5	25	0	6.54	<=13	Pass
	1752.5	25	0	6.47	<=13	Pass

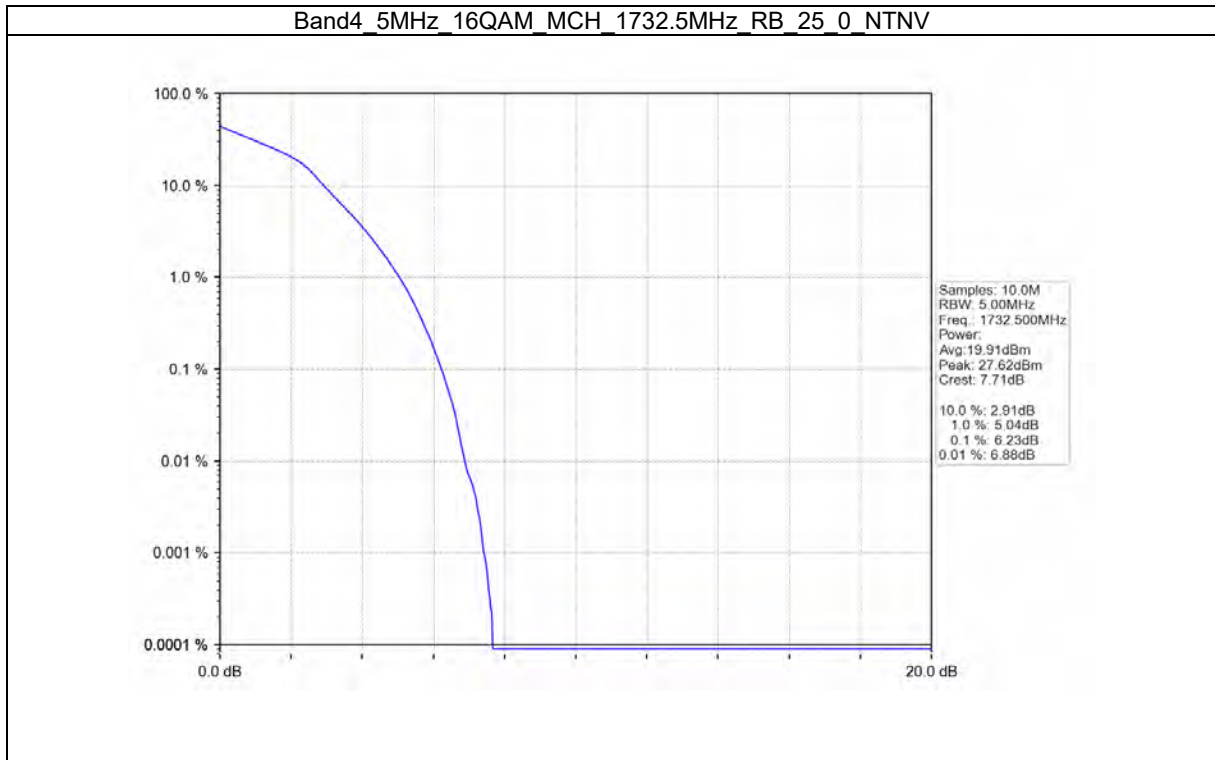
**TEST GRAPH**





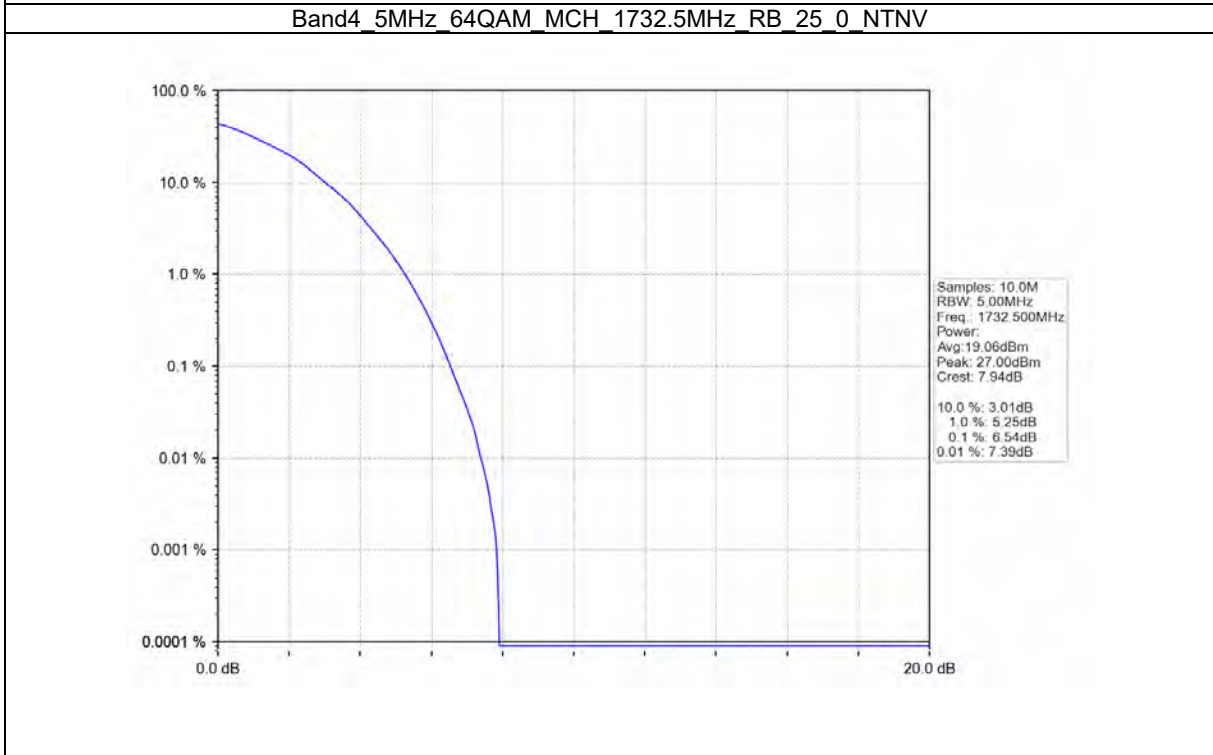
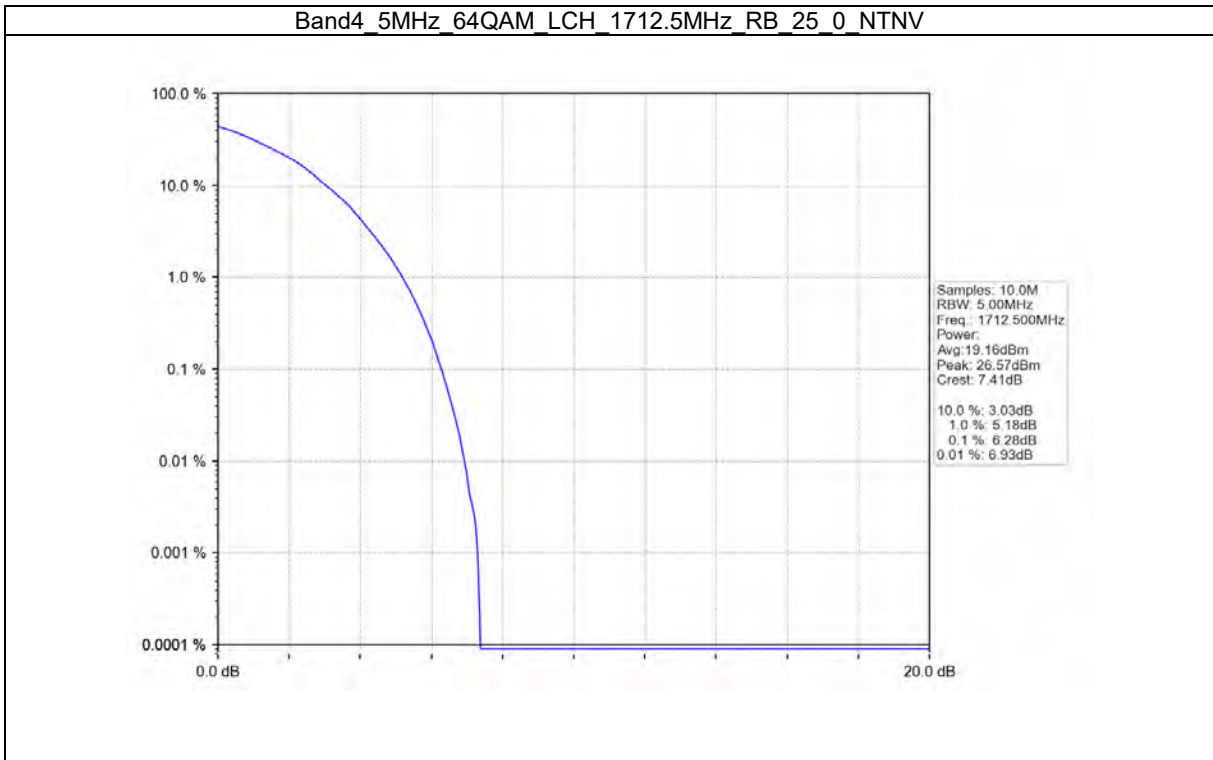
Test Report No.: W7L-P22090015-5RF06





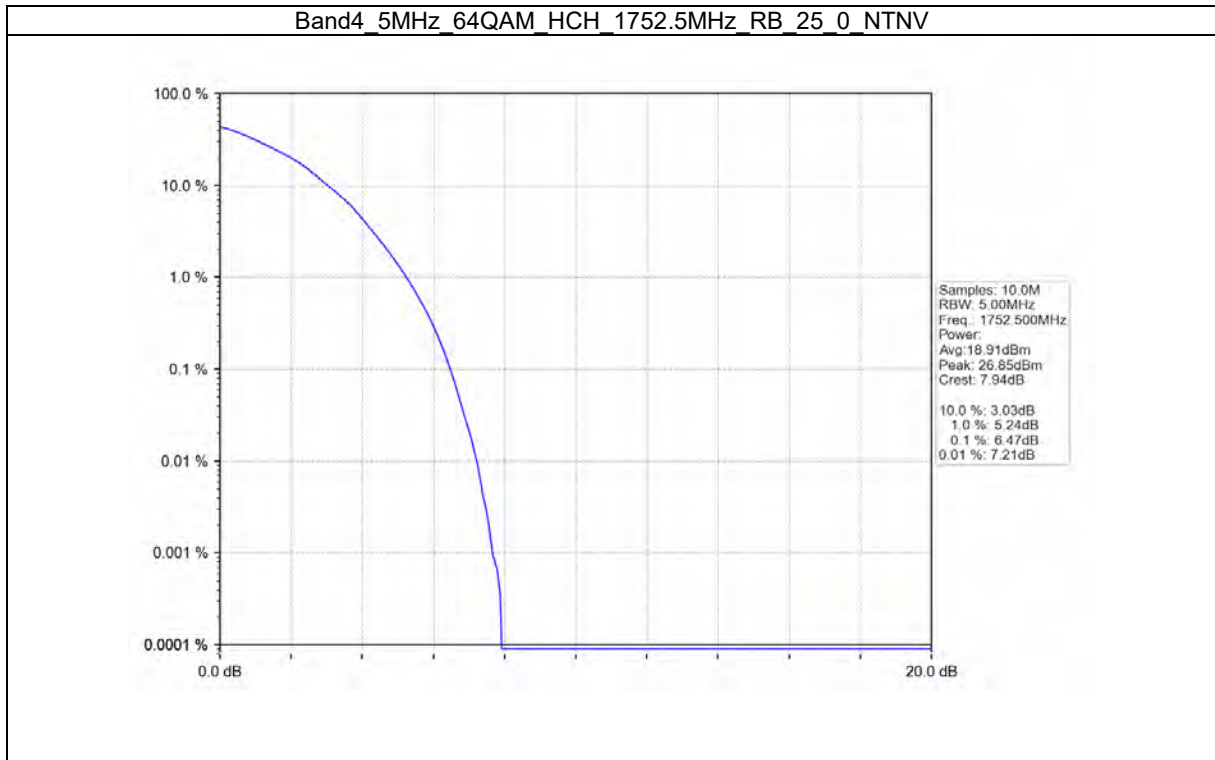


Test Report No.: W7L-P22090015-5RF06





Test Report No.: W7L-P22090015-5RF06





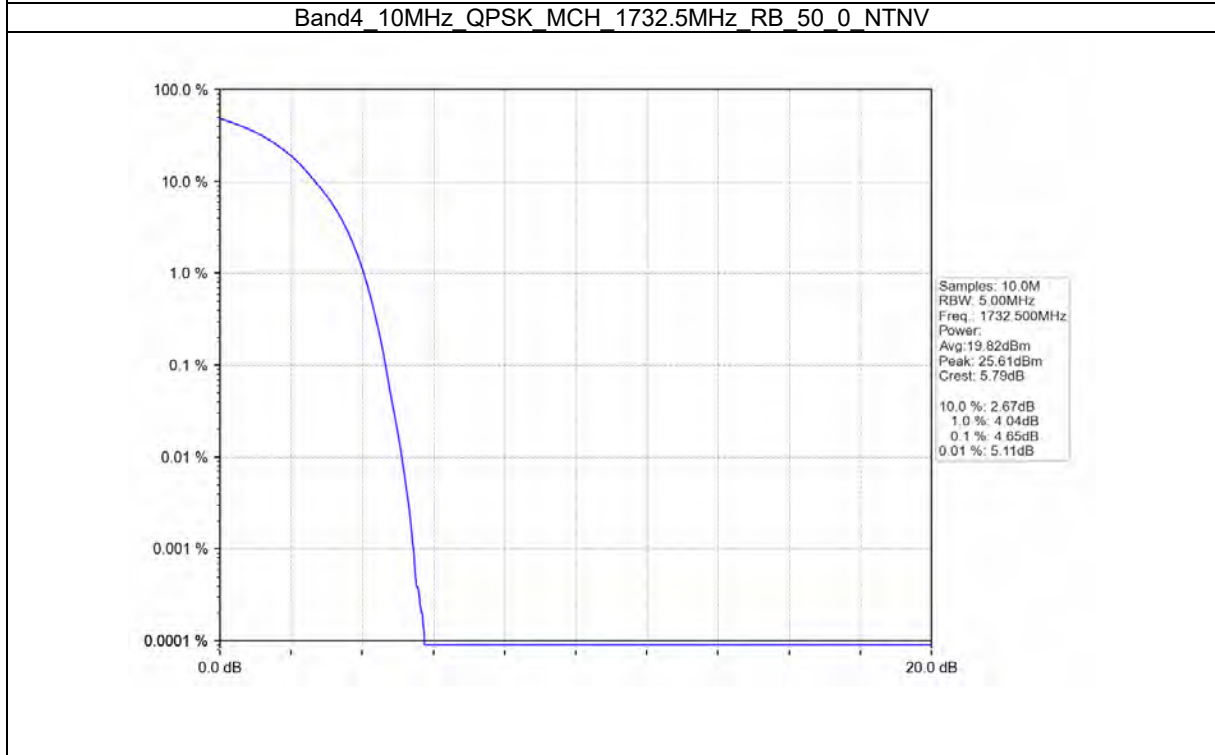
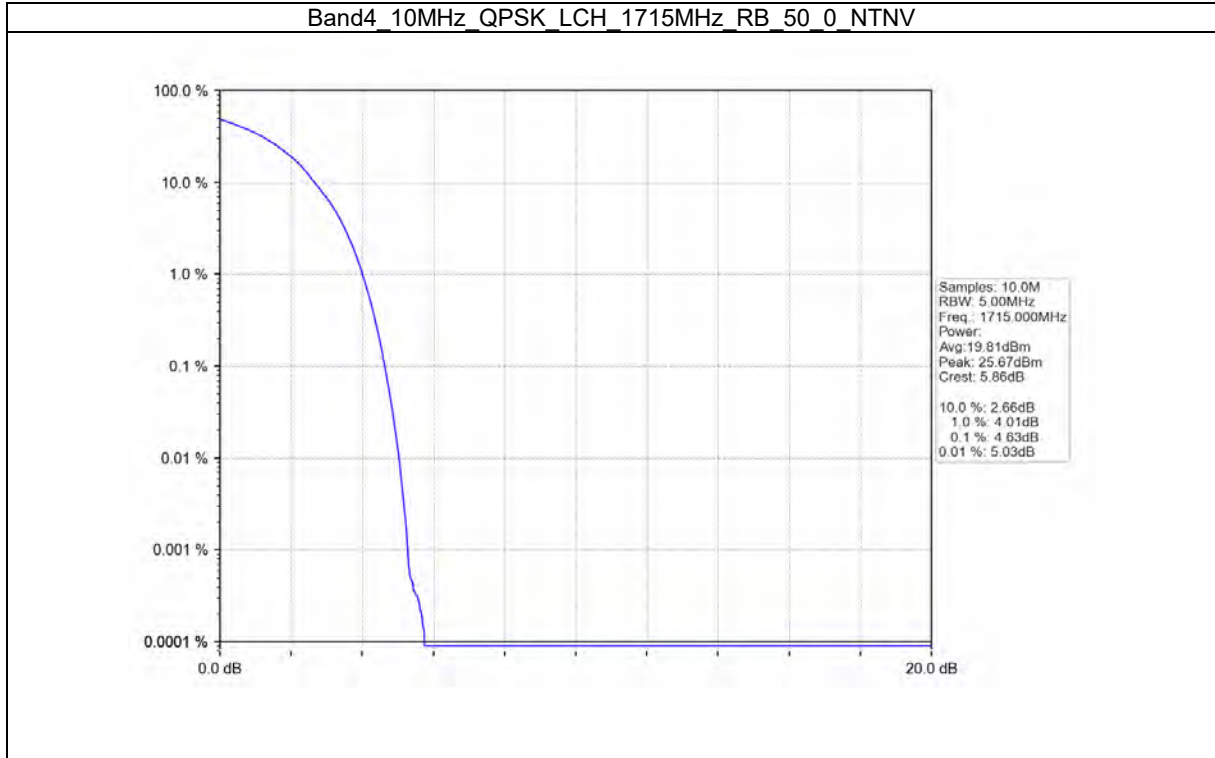
Test Report No.: W7L-P22090015-5RF06

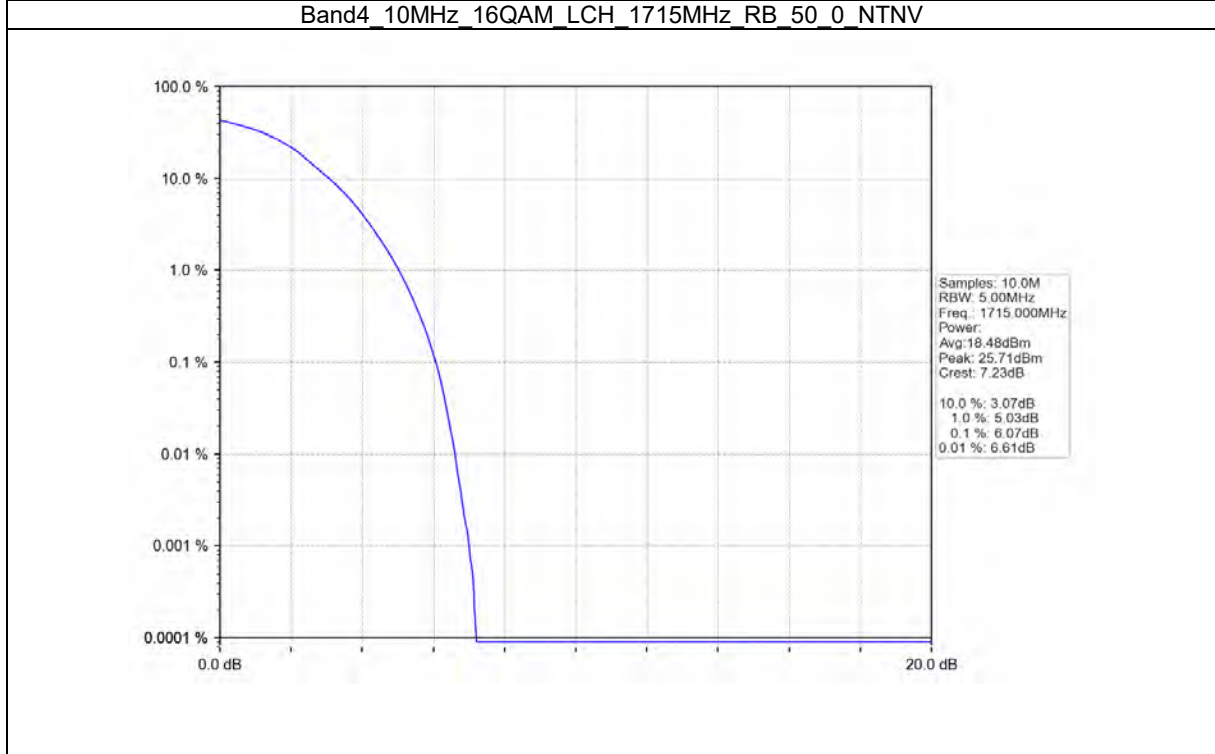
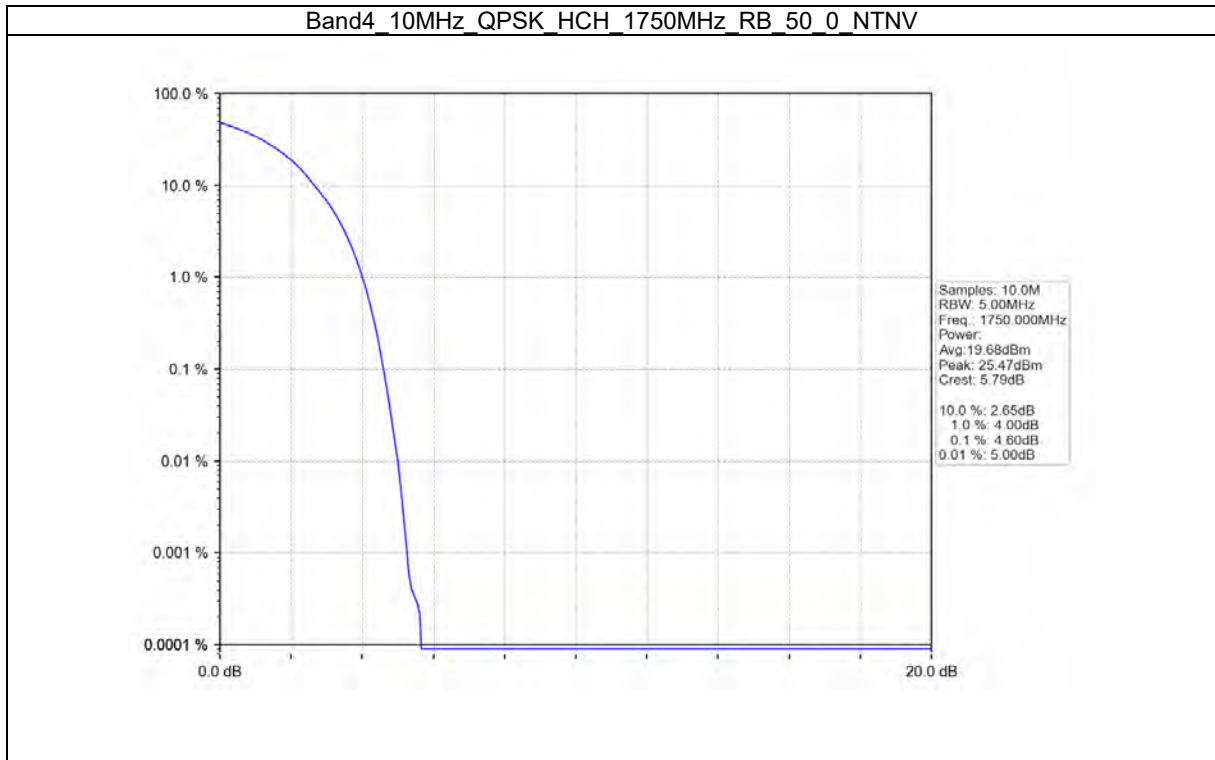
## B4\_10MHZ TEST RESULT

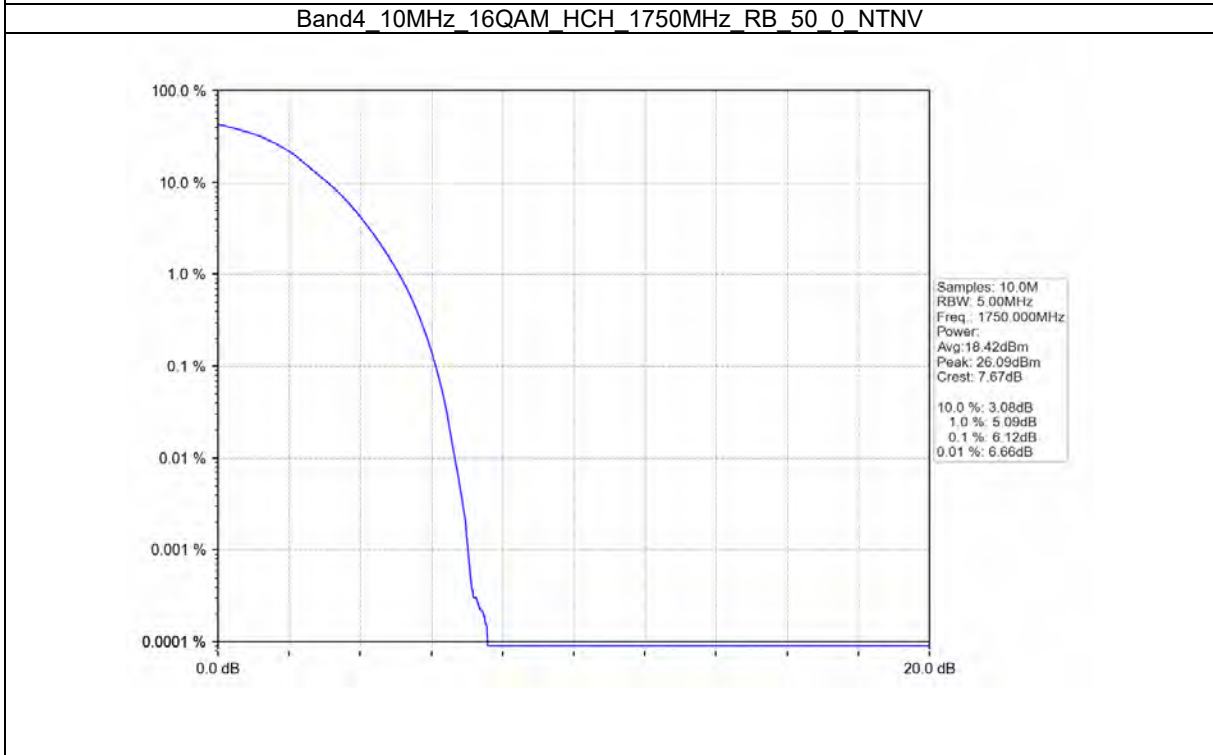
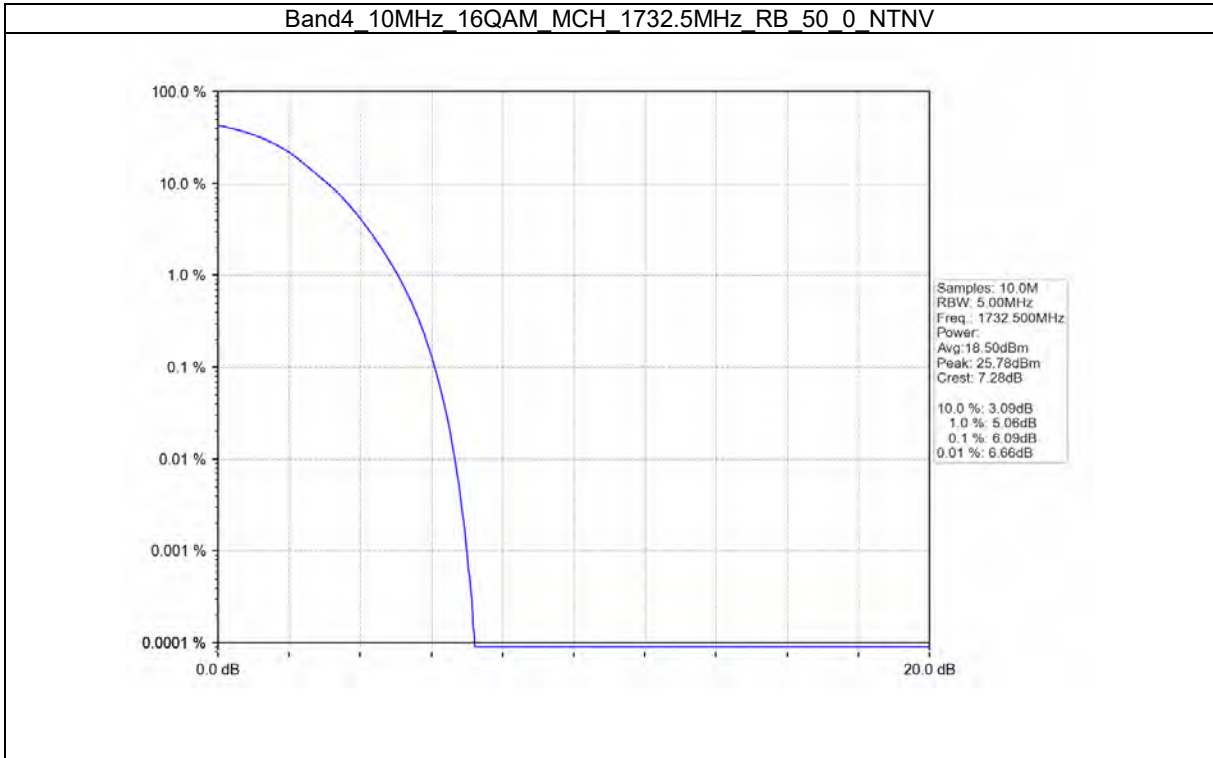
Band: 4 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	4.63	<=13	Pass
	1732.5	50	0	4.65	<=13	Pass
	1750	50	0	4.60	<=13	Pass
16QAM	1715	50	0	6.07	<=13	Pass
	1732.5	50	0	6.09	<=13	Pass
	1750	50	0	6.12	<=13	Pass
64QAM	1715	50	0	6.42	<=13	Pass
	1732.5	50	0	6.48	<=13	Pass
	1750	50	0	6.46	<=13	Pass



**TEST GRAPH**

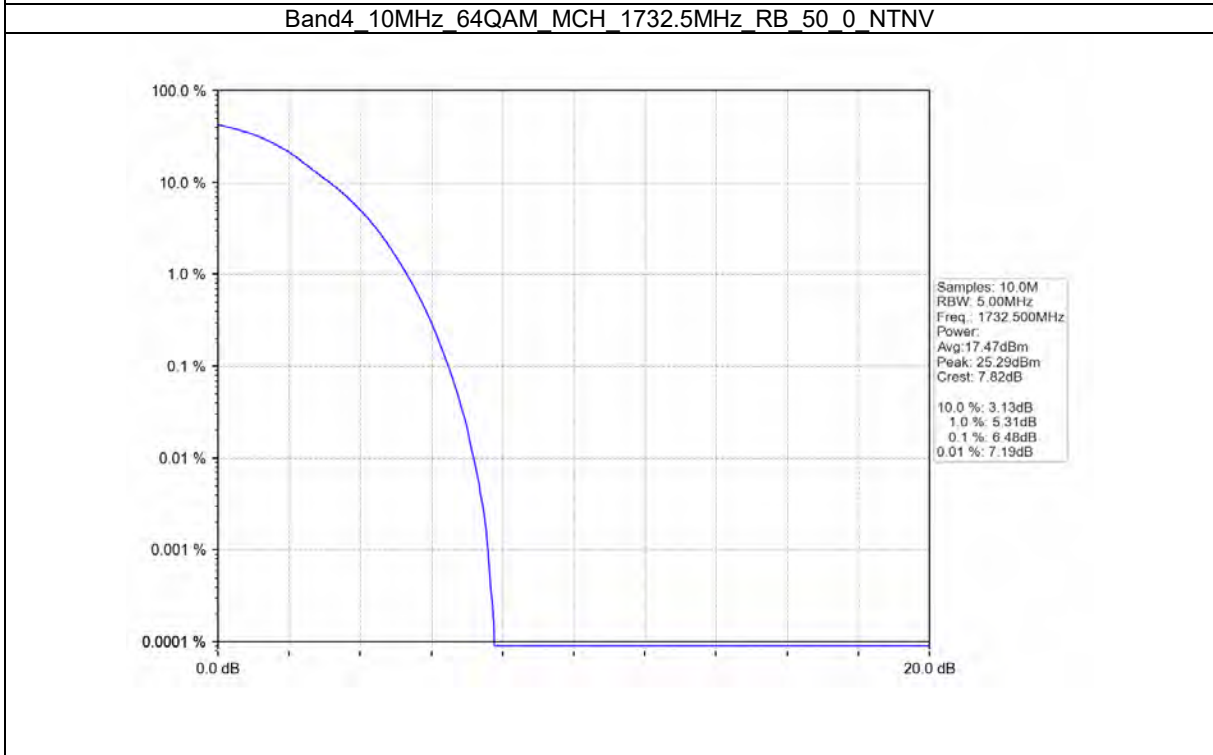
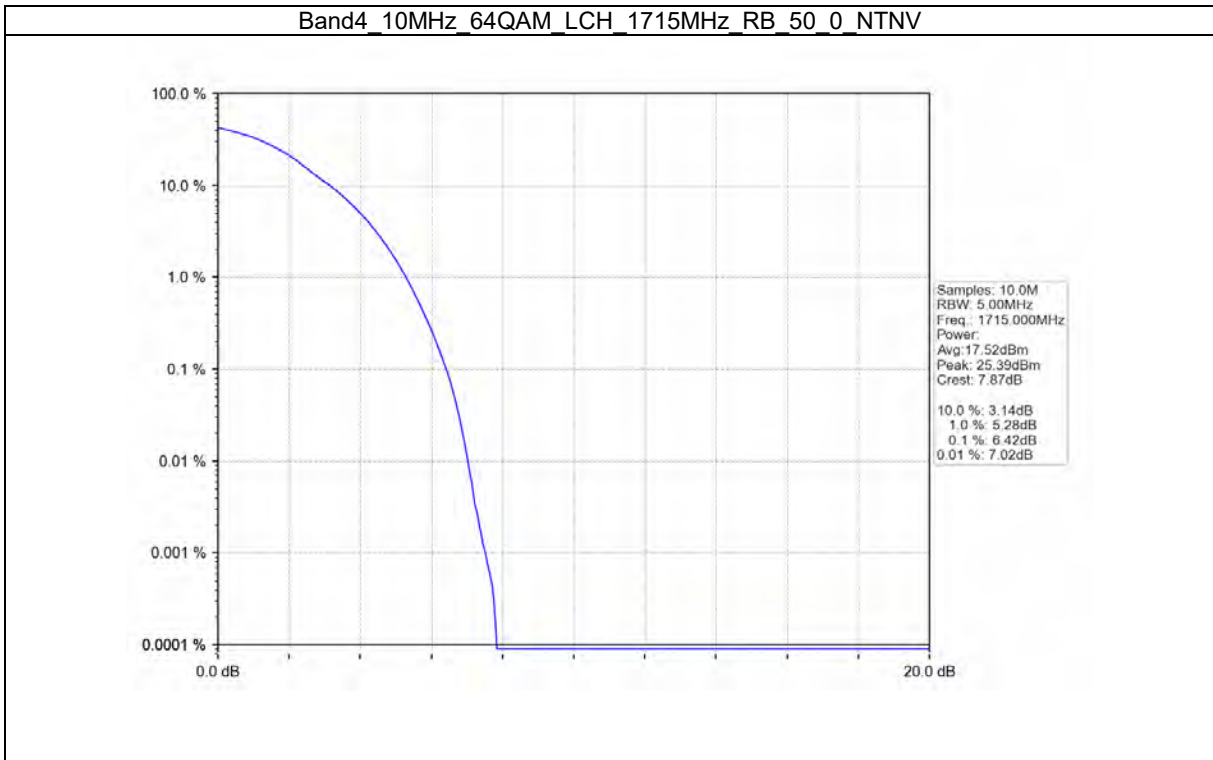






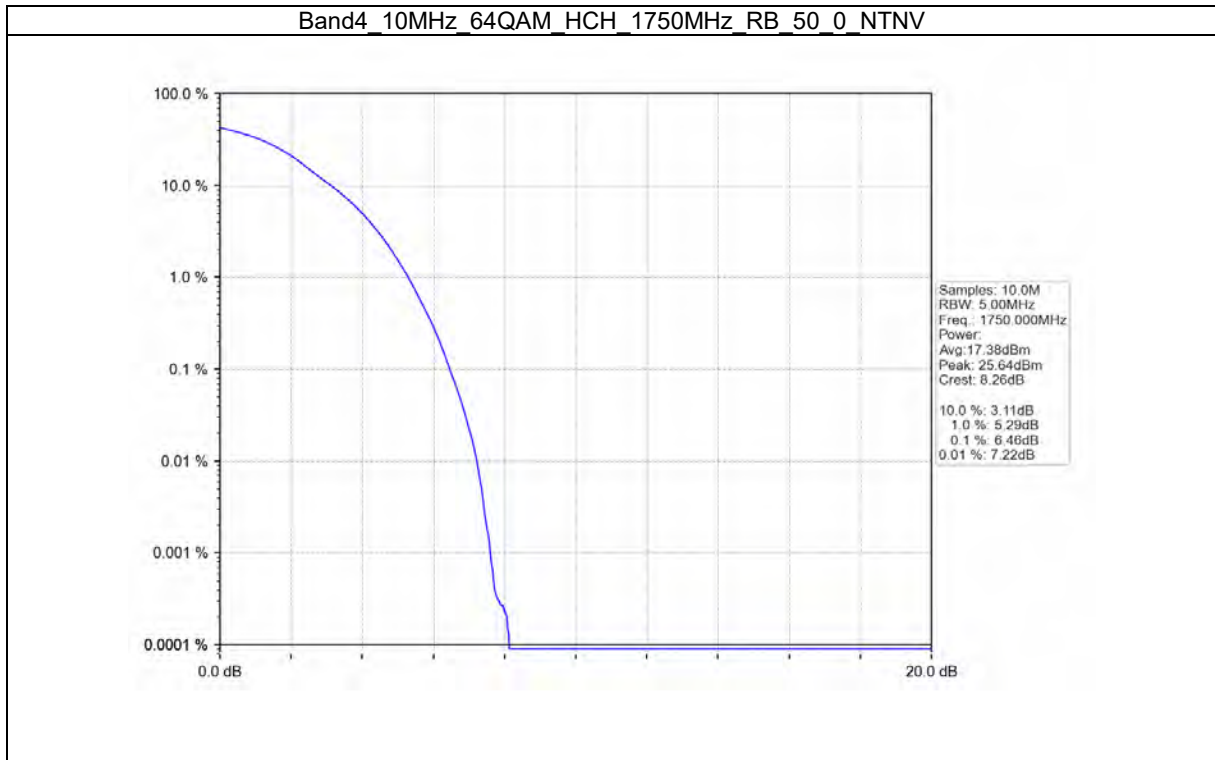


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Test Report No.: W7L-P22090015-5RF06



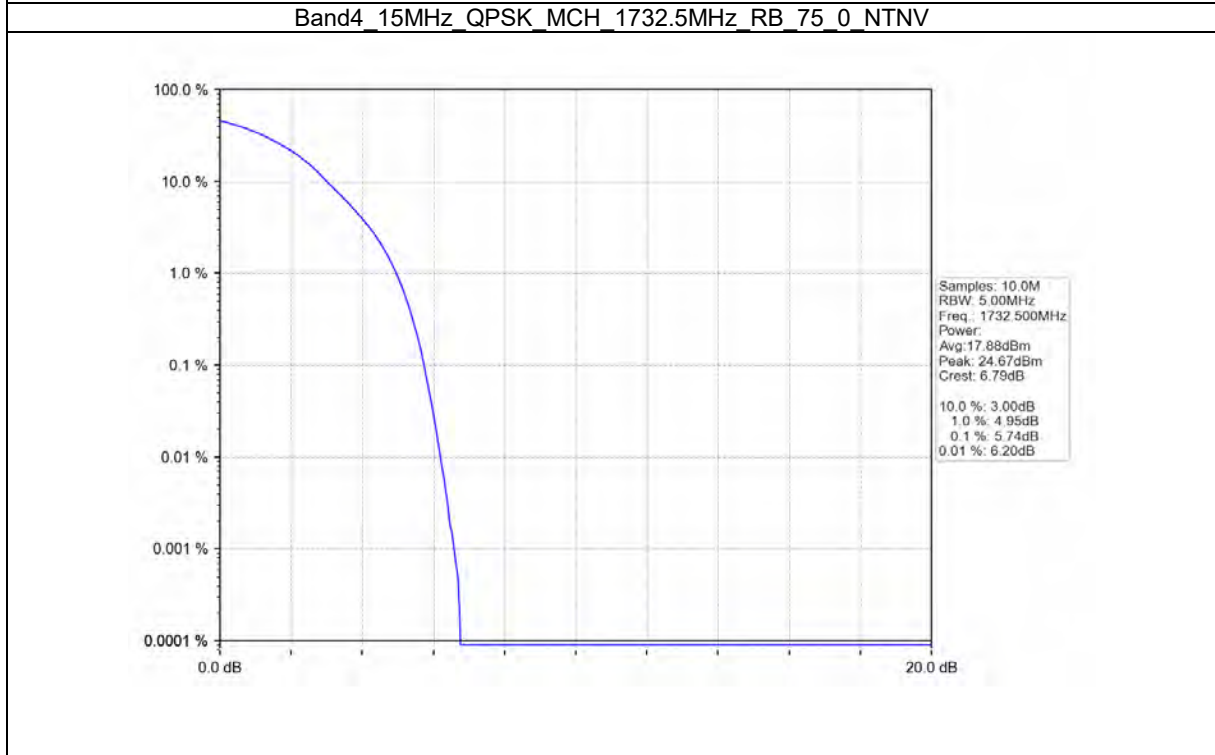
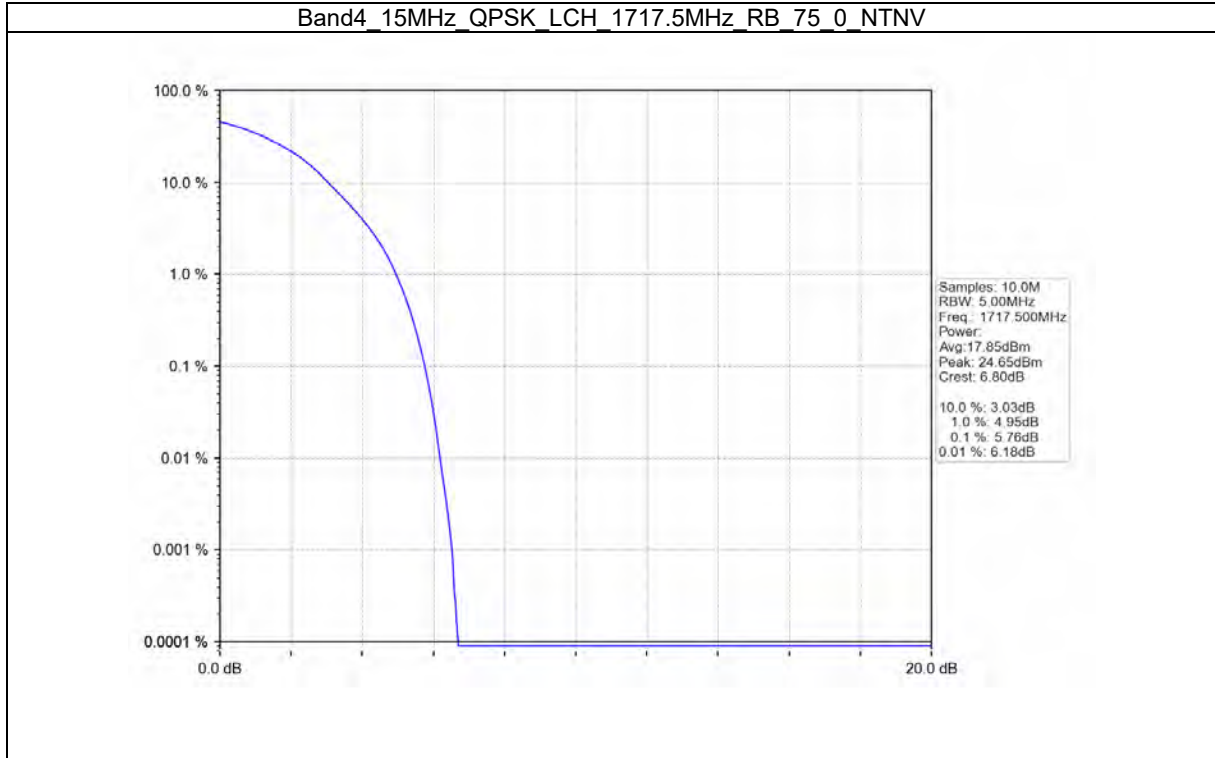


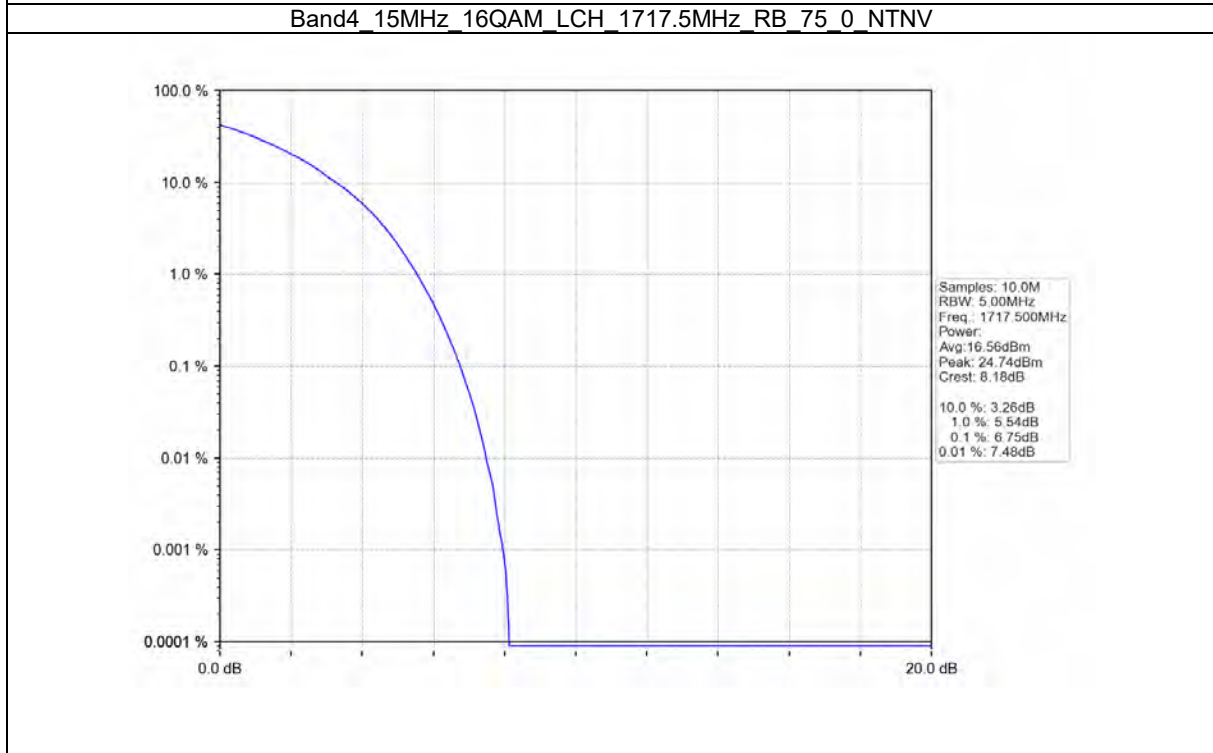
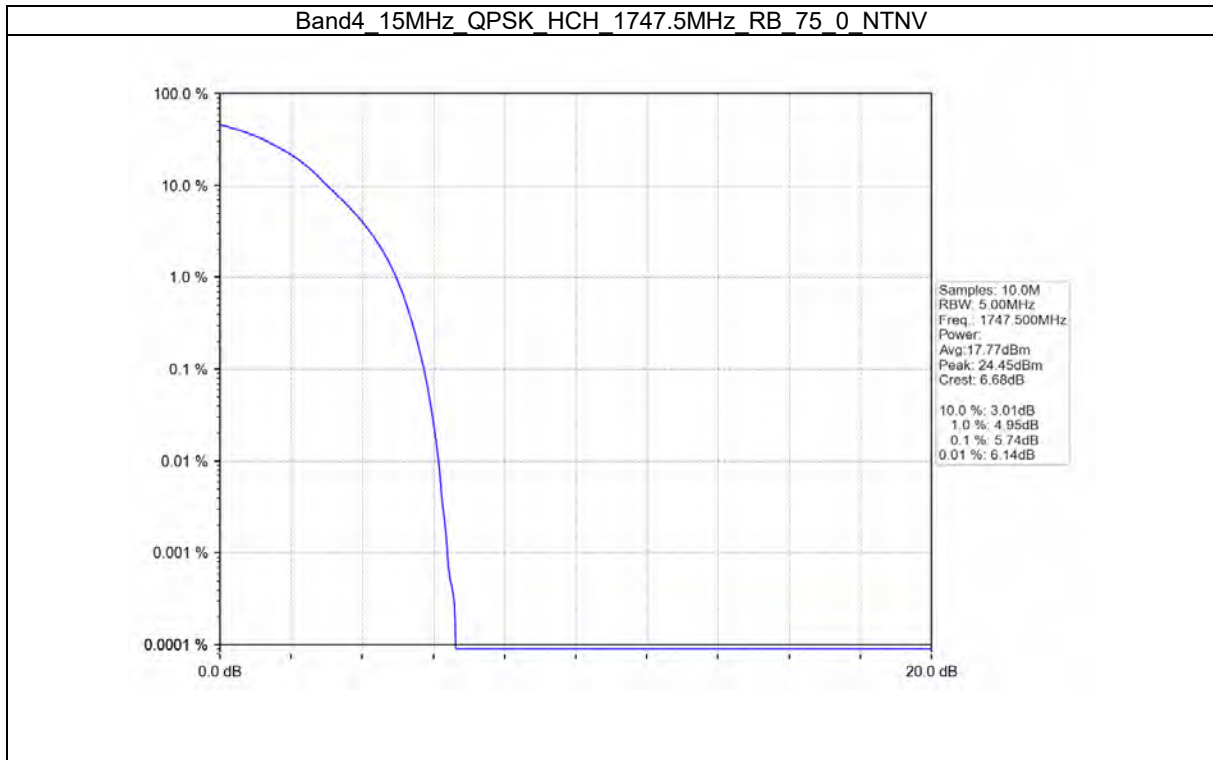
Test Report No.: W7L-P22090015-5RF06

### B4\_15MHZ TEST RESULT

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.76	<=13	Pass
	1732.5	75	0	5.74	<=13	Pass
	1747.5	75	0	5.74	<=13	Pass
16QAM	1717.5	75	0	6.75	<=13	Pass
	1732.5	75	0	6.82	<=13	Pass
	1747.5	75	0	6.85	<=13	Pass
64QAM	1717.5	75	0	7.03	<=13	Pass
	1732.5	75	0	6.98	<=13	Pass
	1747.5	75	0	6.96	<=13	Pass

**TEST GRAPH**

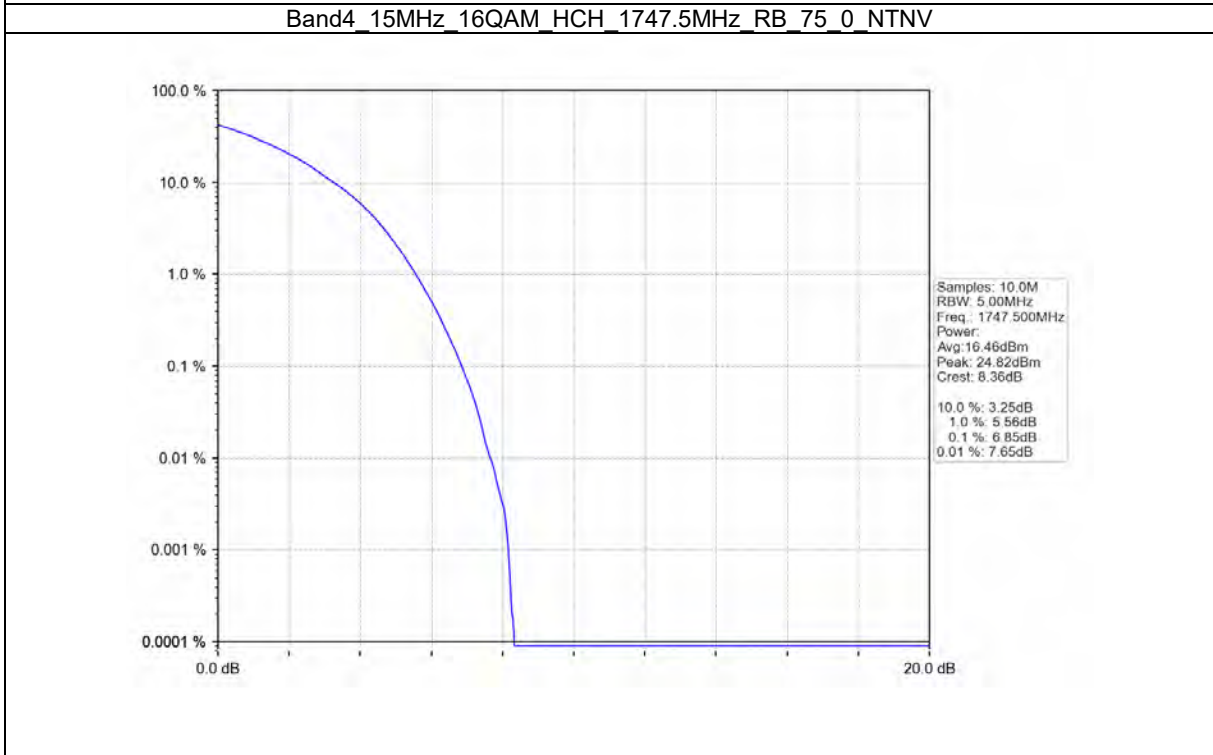
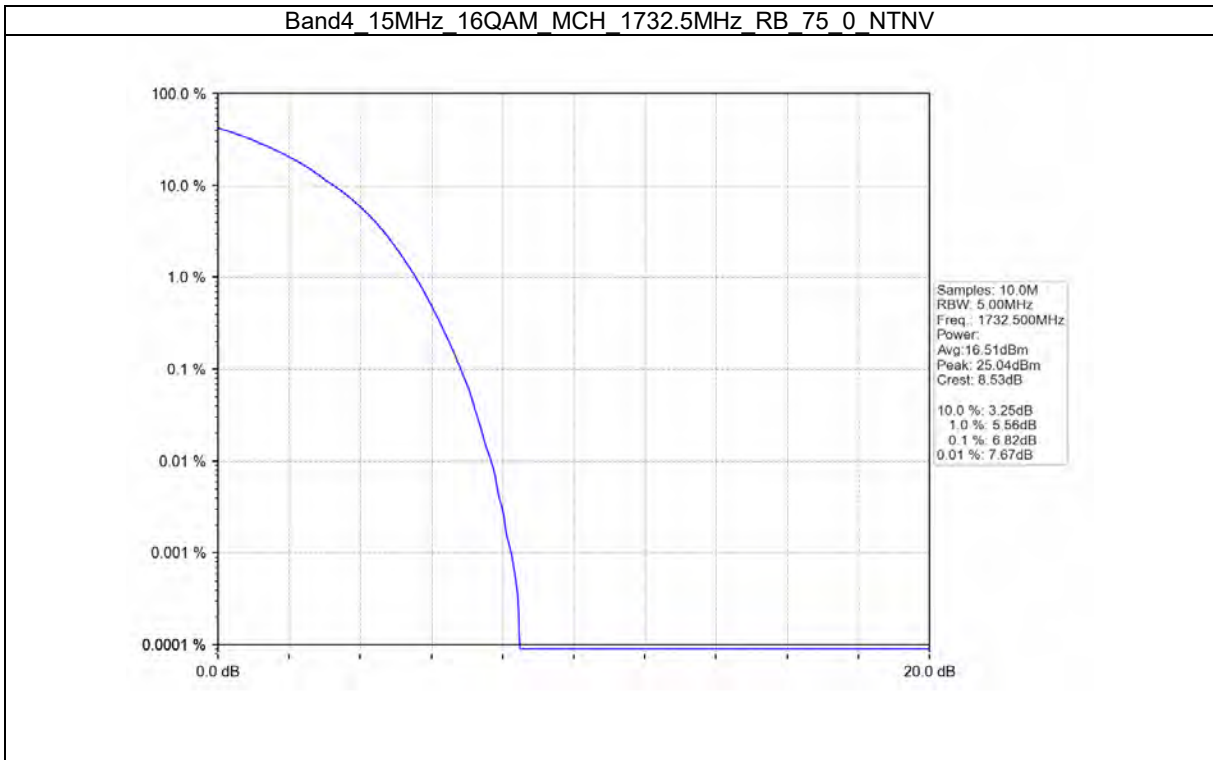






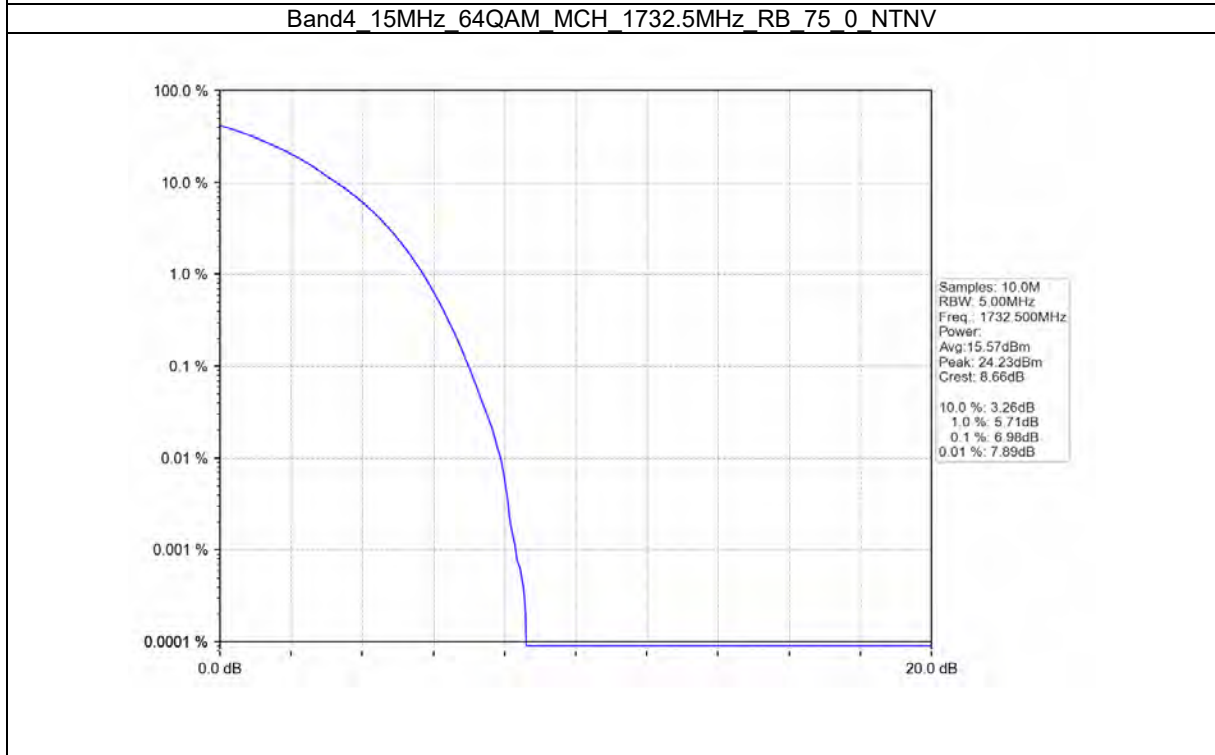
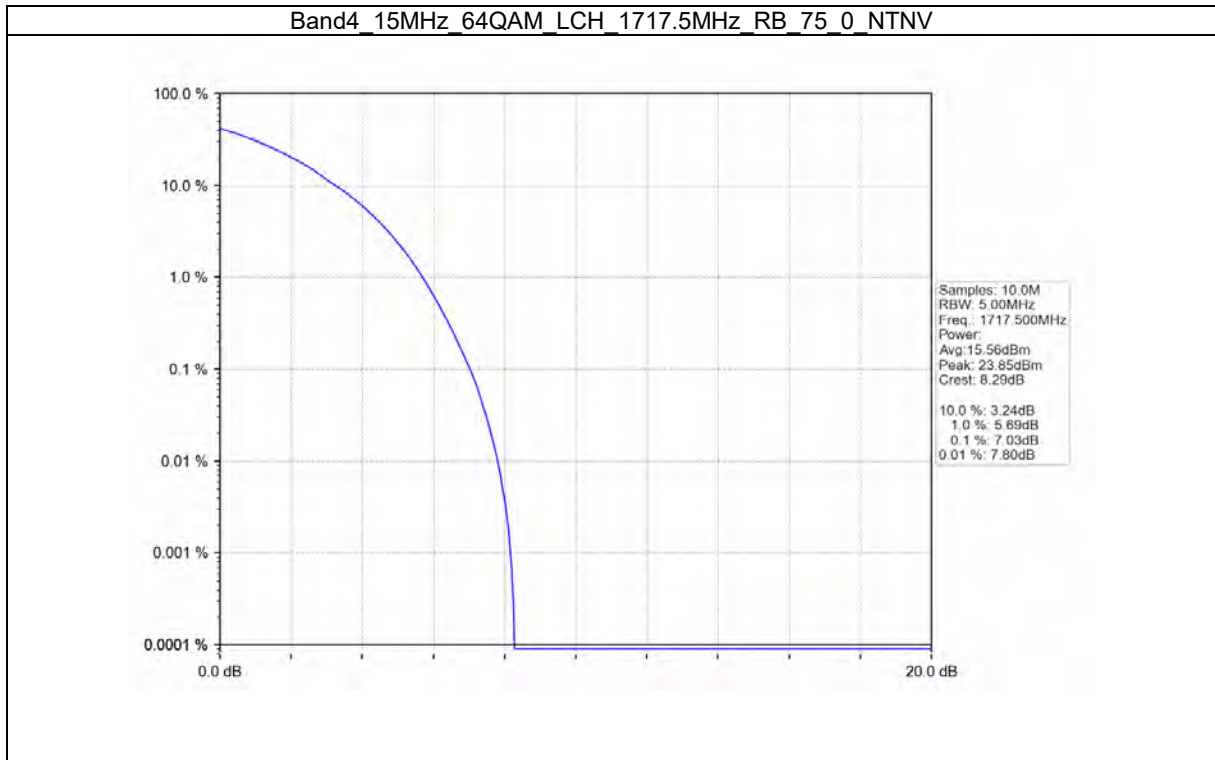


Test Report No.: W7L-P22090015-5RF06



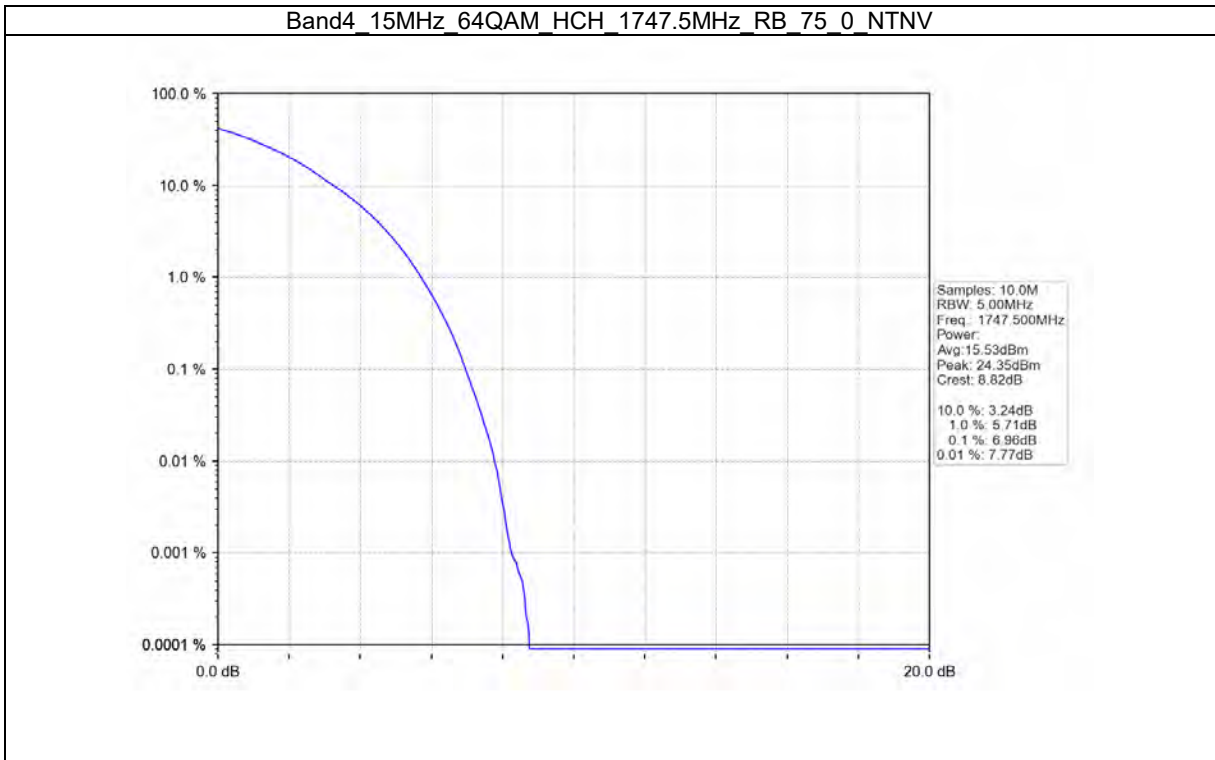


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Test Report No.: W7L-P22090015-5RF06



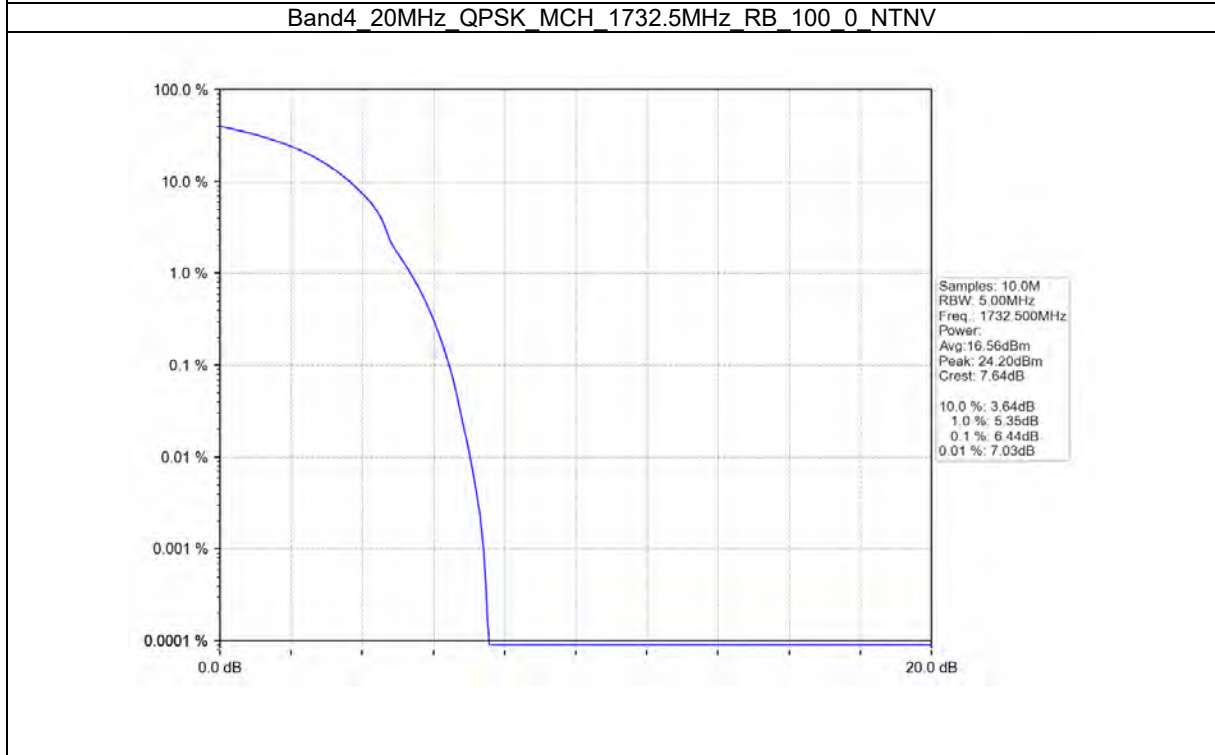


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## B4\_20MHZ TEST RESULT

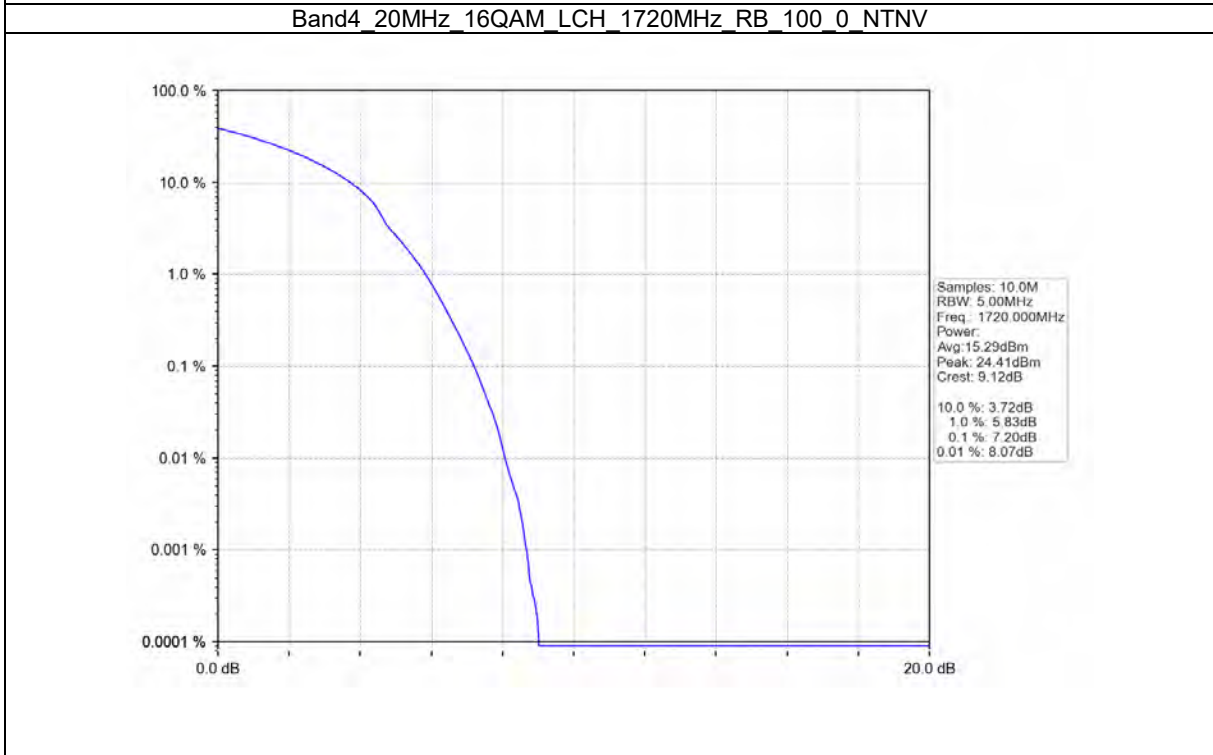
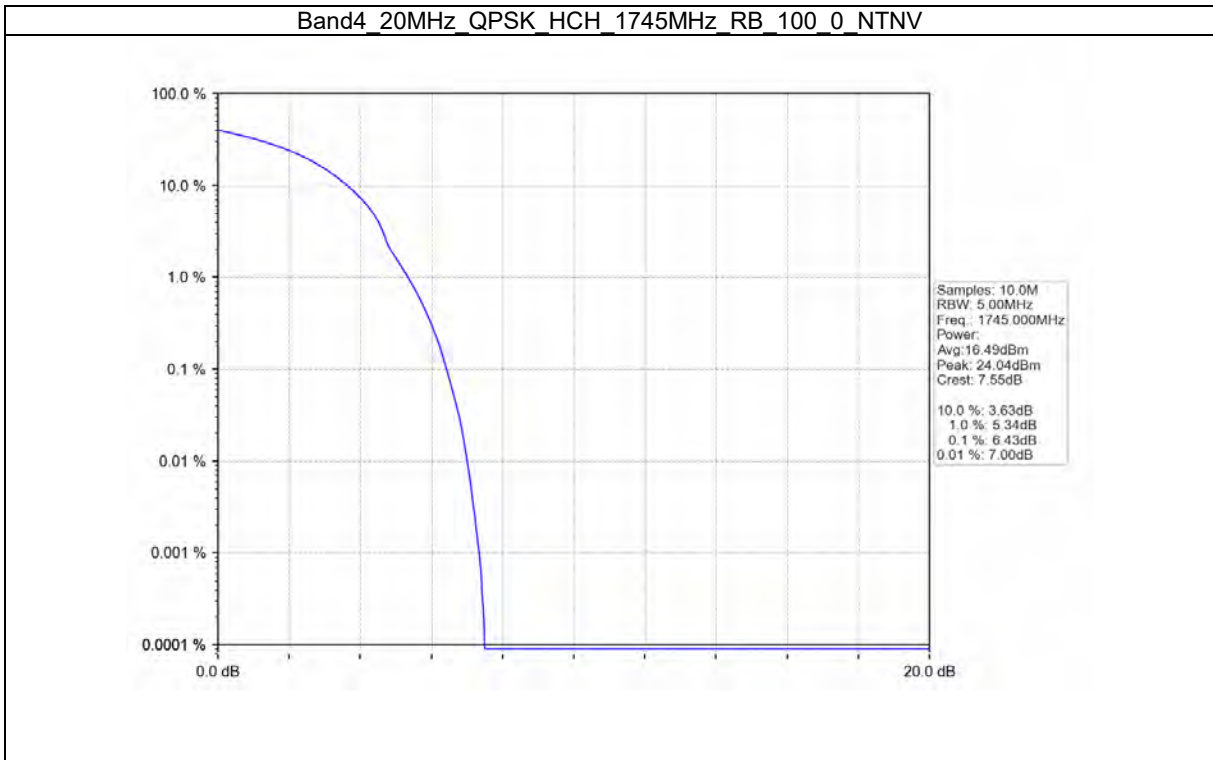
Band: 4 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	6.45	<=13	Pass
	1732.5	100	0	6.44	<=13	Pass
	1745	100	0	6.43	<=13	Pass
16QAM	1720	100	0	7.20	<=13	Pass
	1732.5	100	0	7.22	<=13	Pass
	1745	100	0	7.13	<=13	Pass
64QAM	1720	100	0	7.24	<=13	Pass
	1732.5	100	0	7.33	<=13	Pass
	1745	100	0	7.31	<=13	Pass

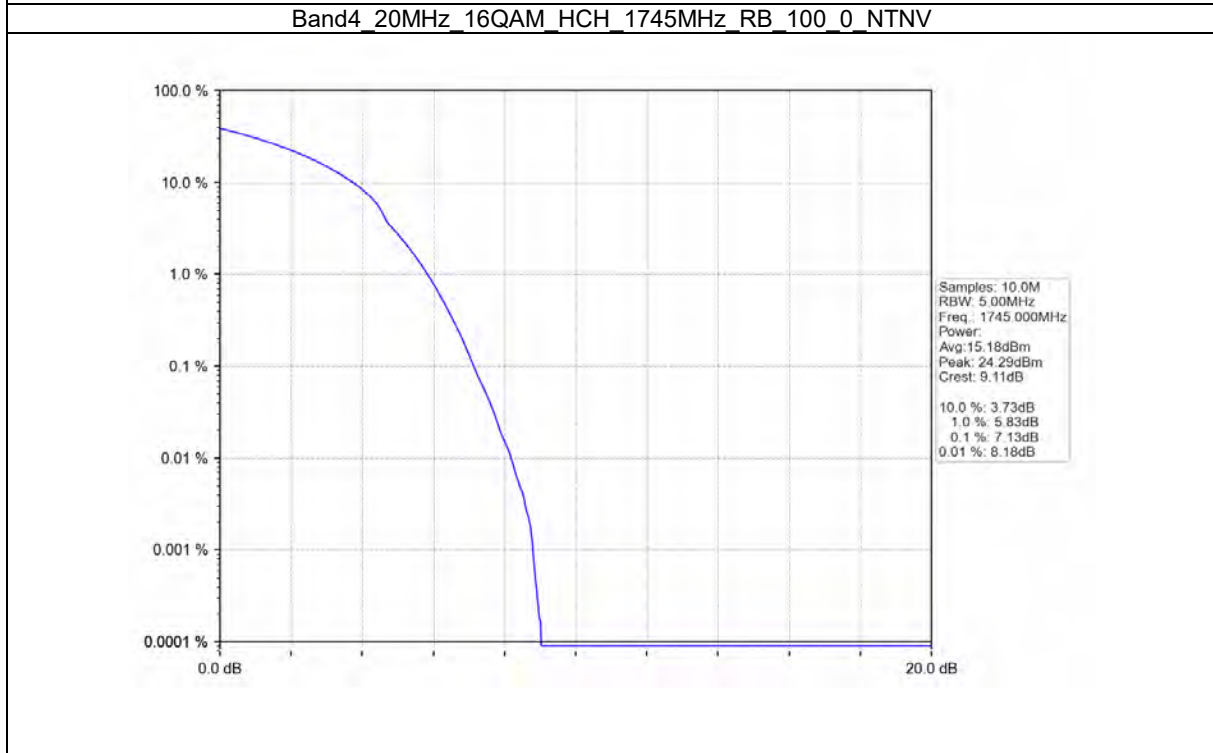
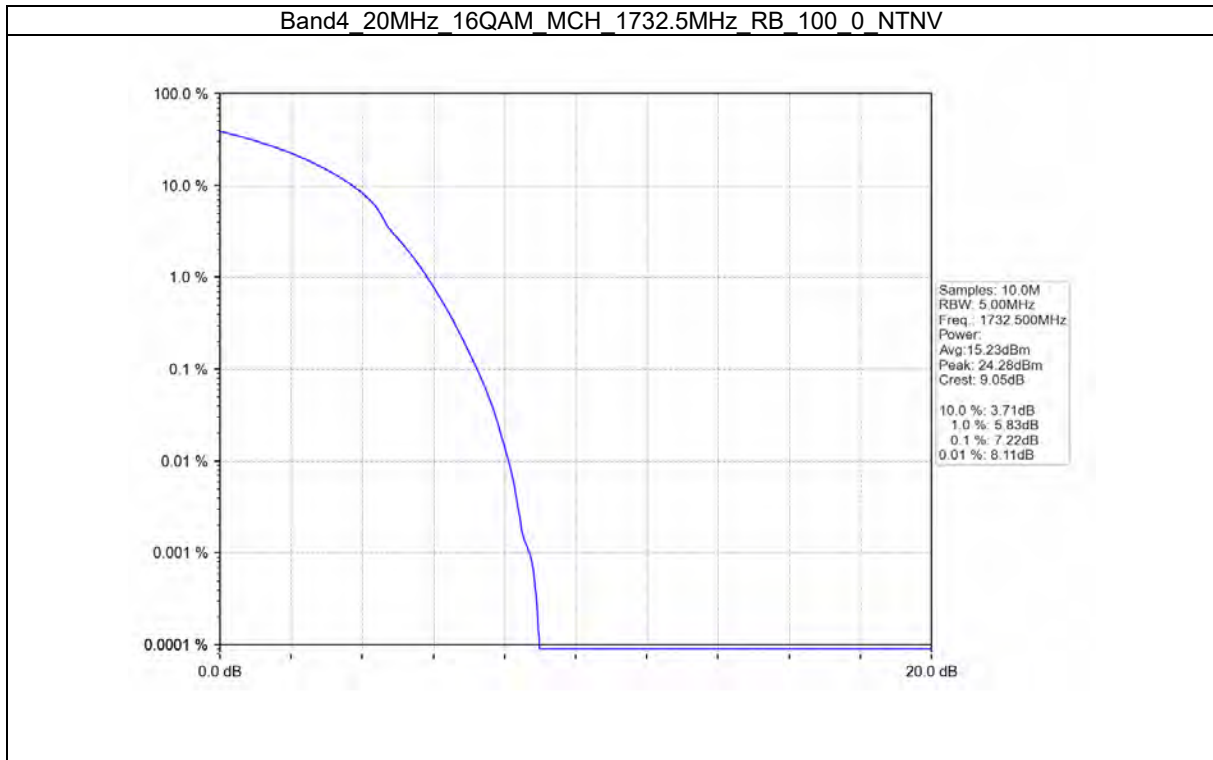
**TEST GRAPH**

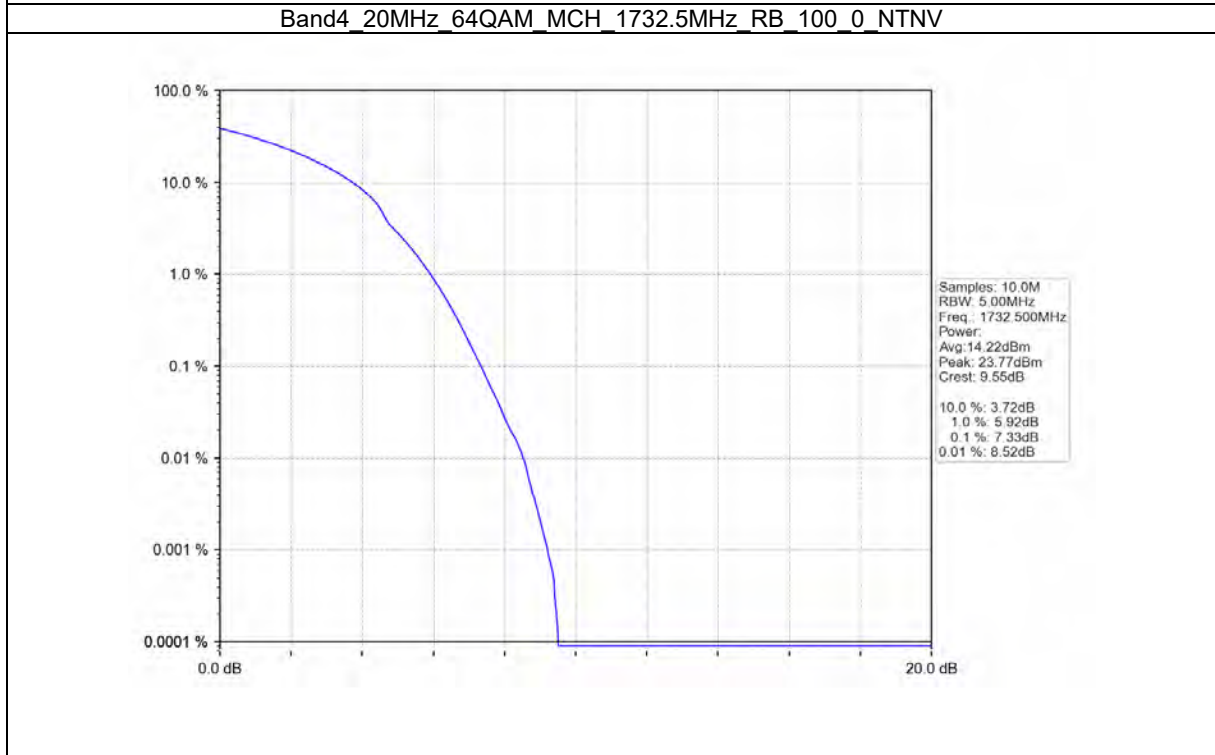
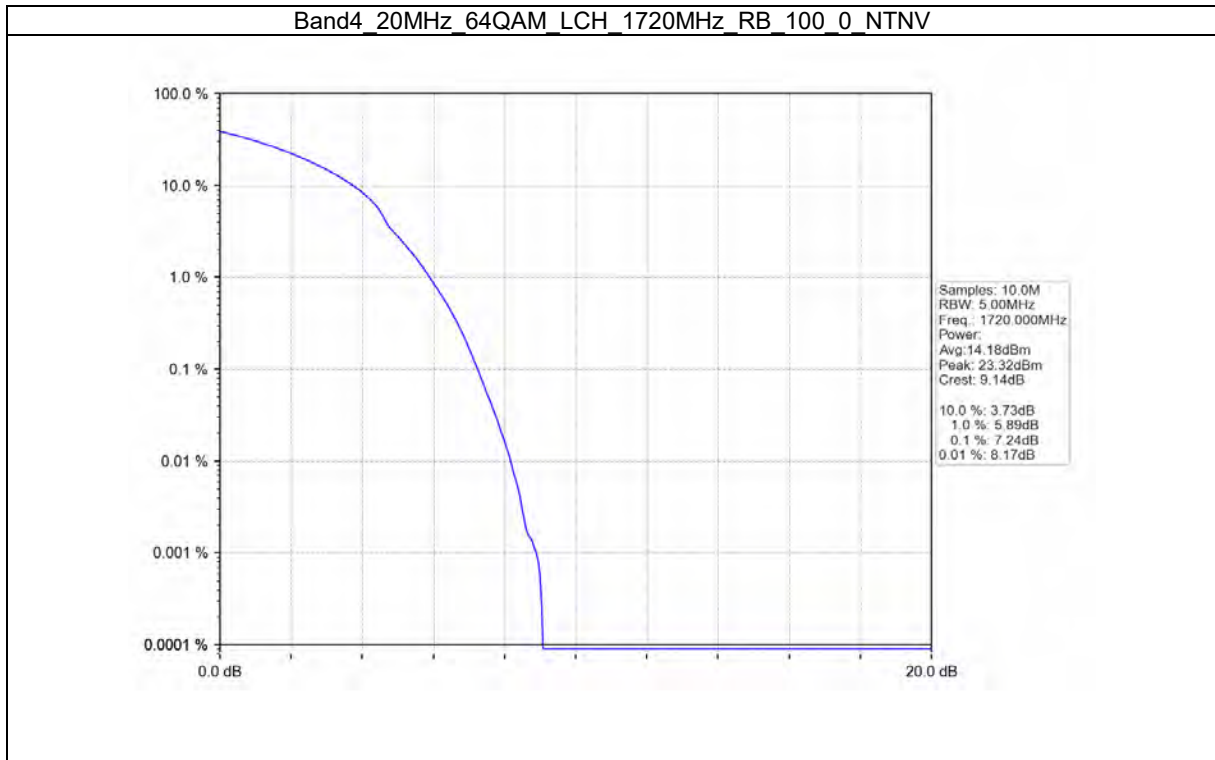




Test Report No.: W7L-P22090015-5RF06



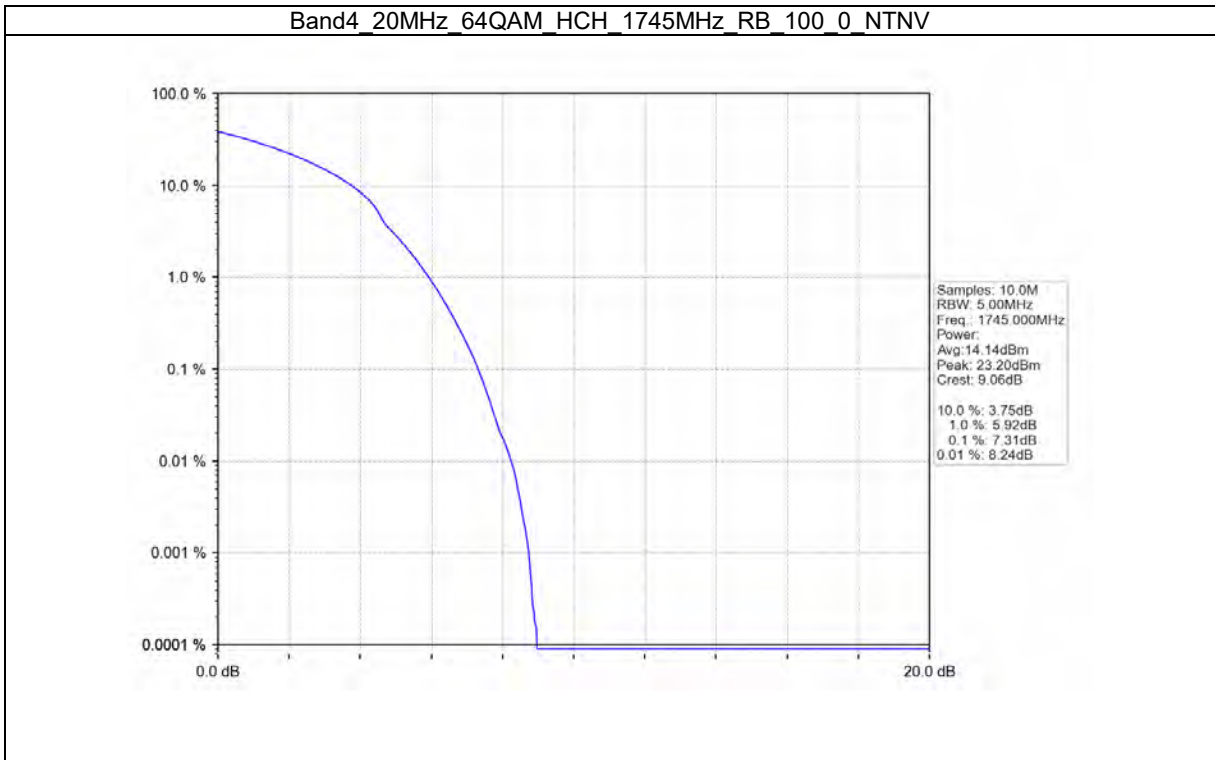








Test Report No.: W7L-P22090015-5RF06



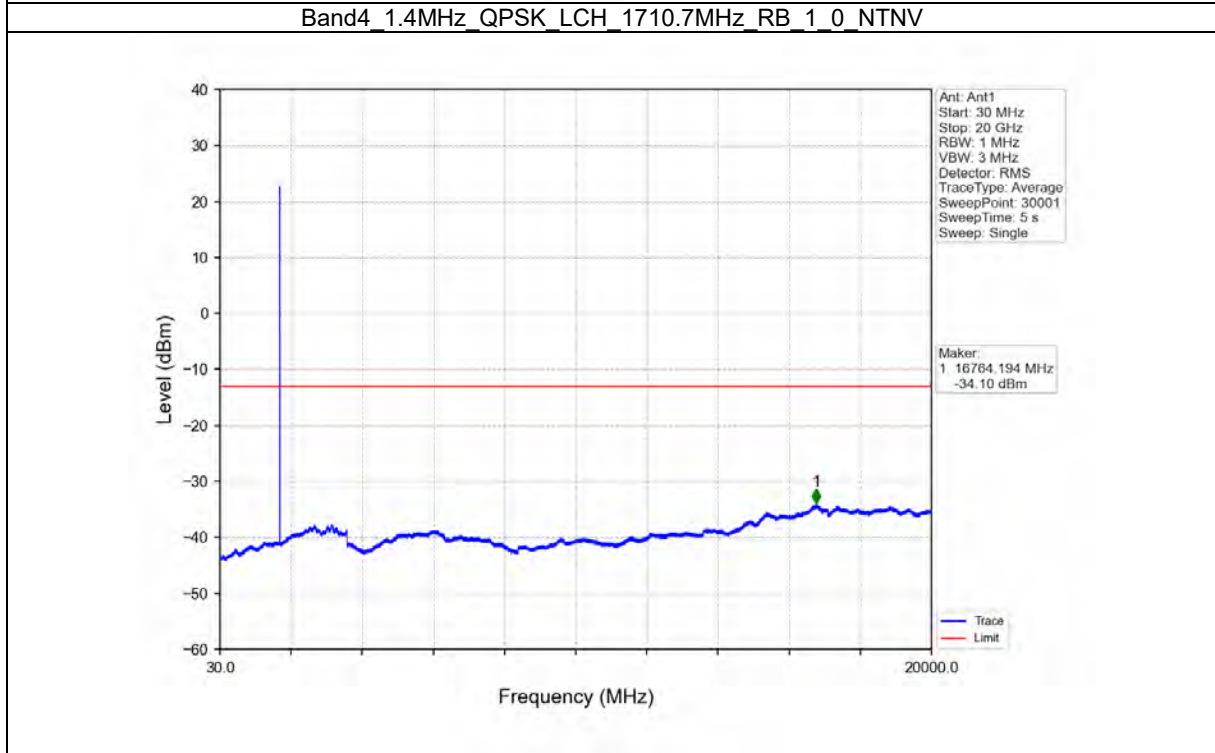
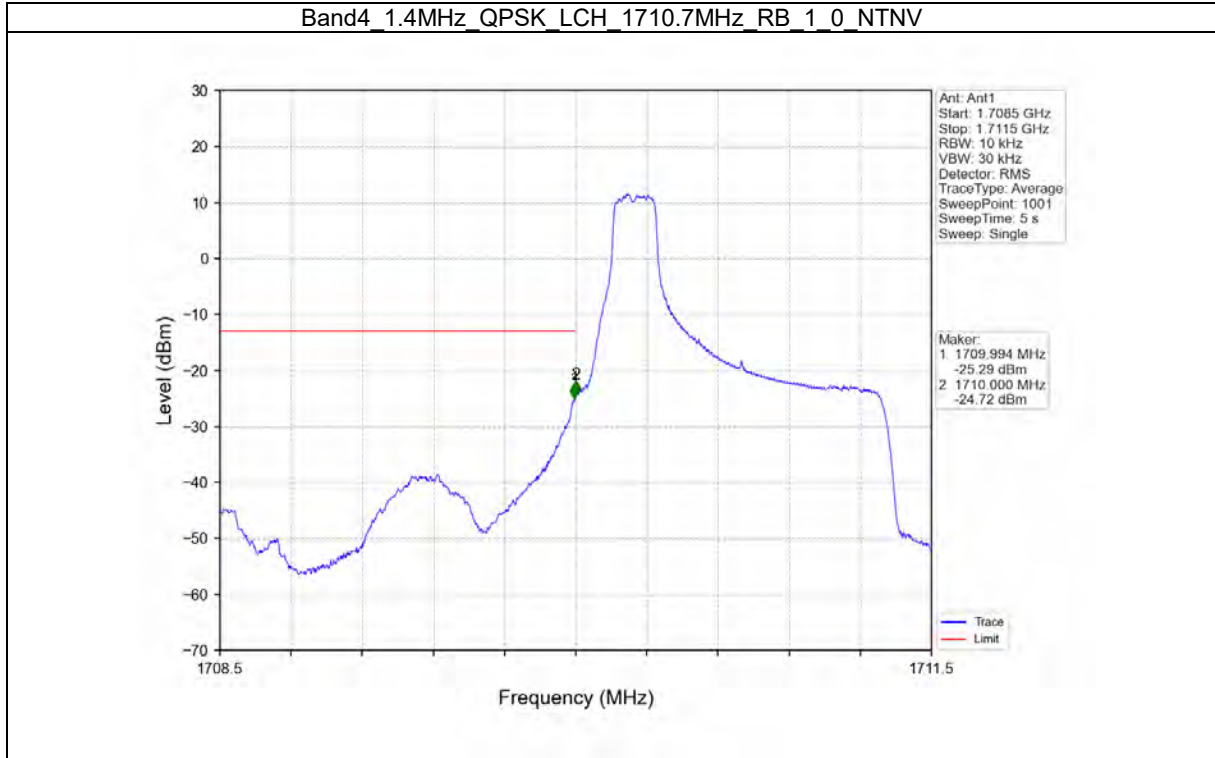


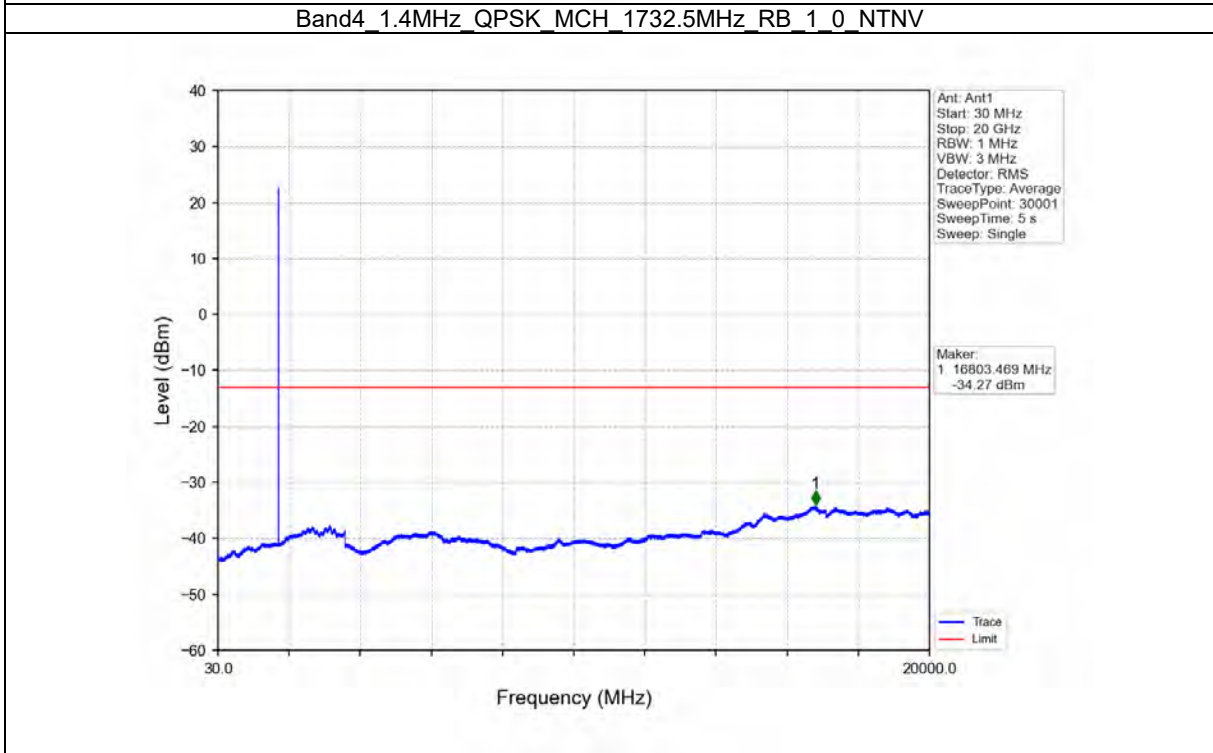
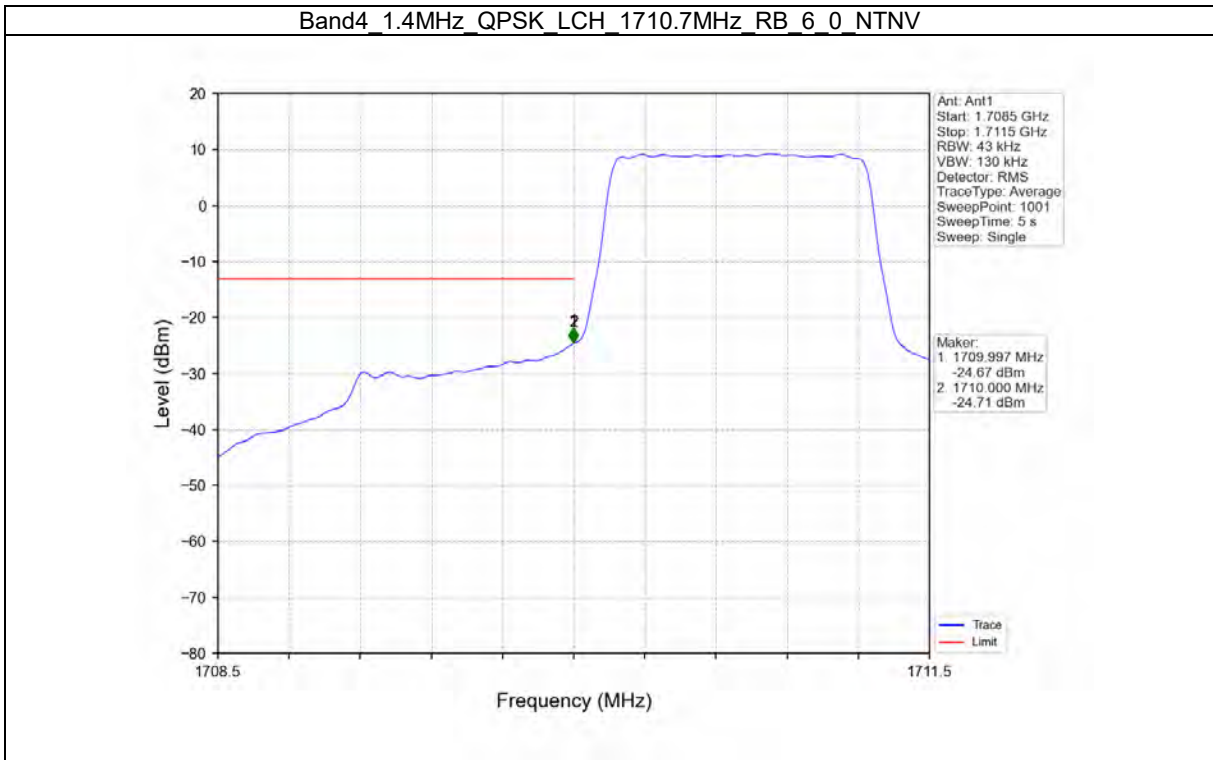
Test Report No.: W7L-P22090015-5RF06

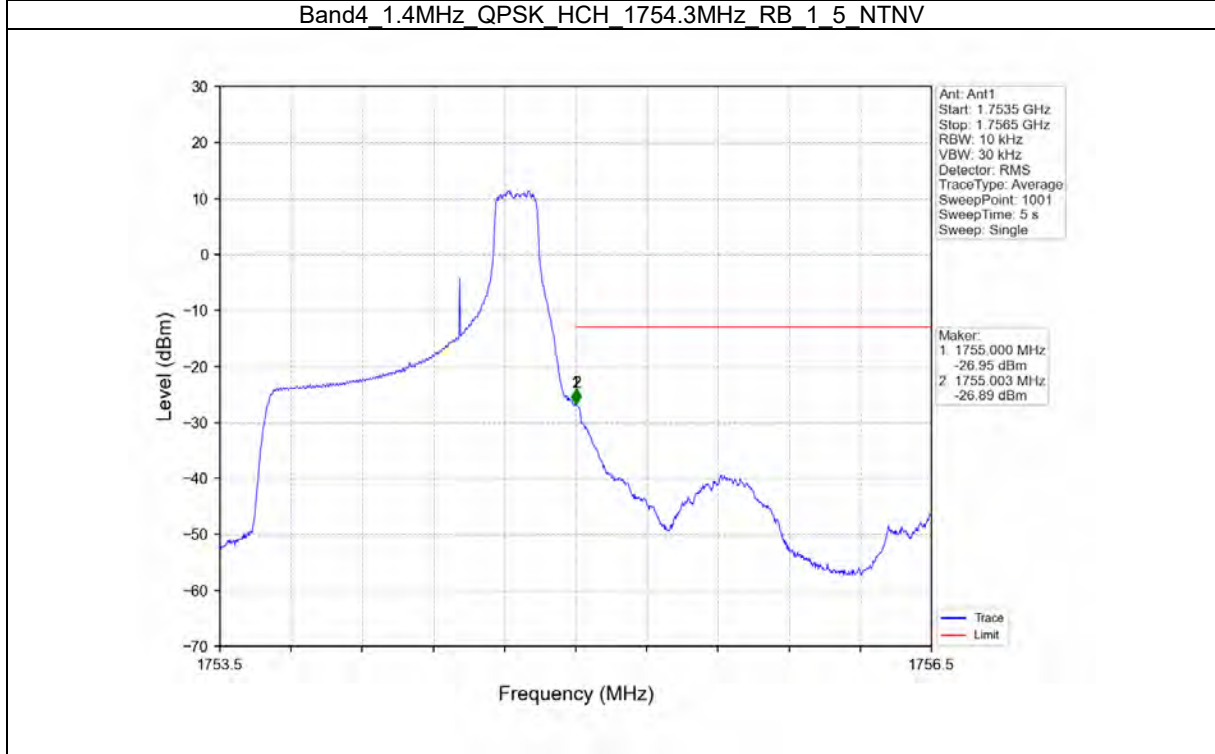
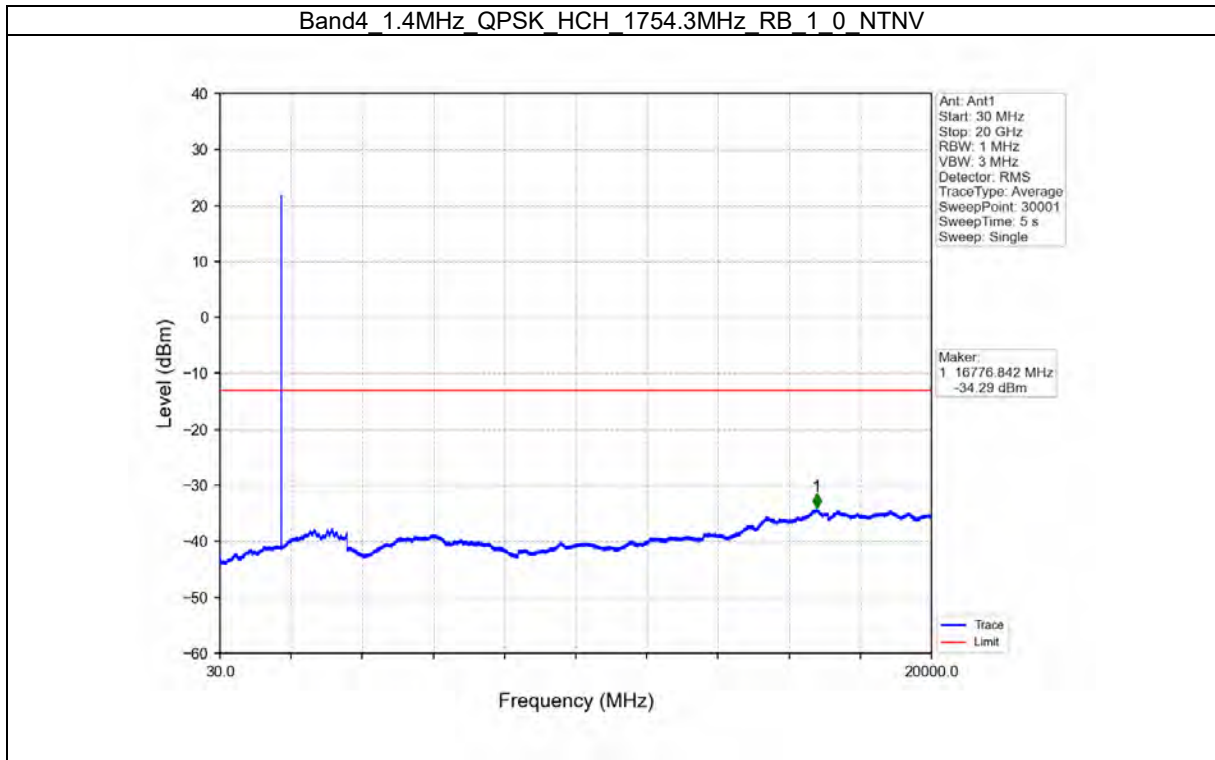
### SPURIOUS EMISSION B4\_1.4MHZ TEST RESULT

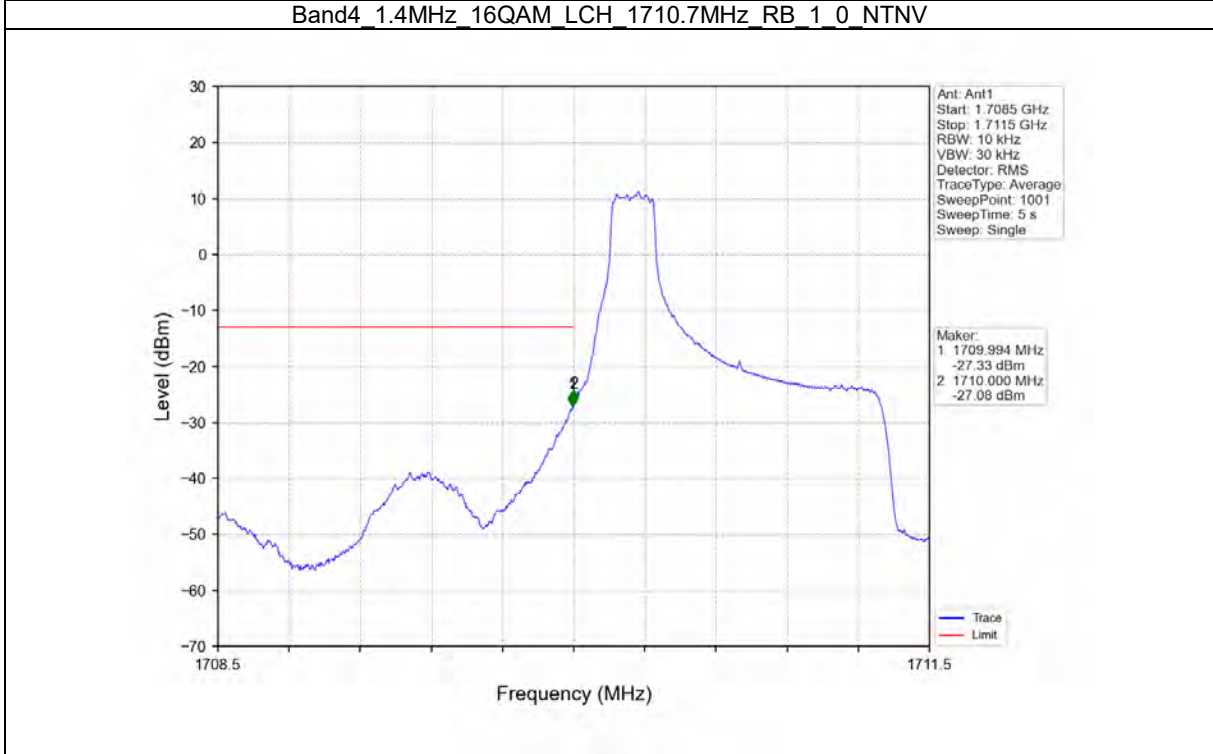
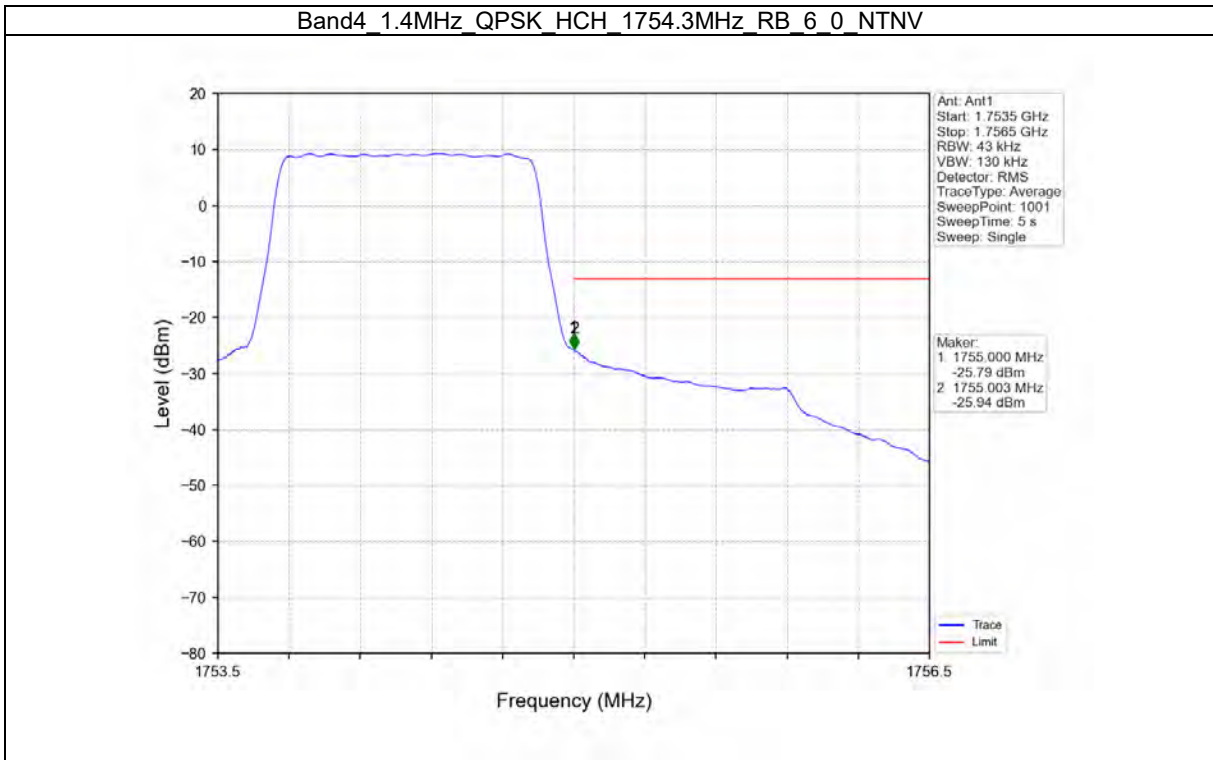
Band: 4 / Bandwidth: 1.4MHz / NTNV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1710.7	1	0	Refer To Test Graph		Pass	
		6	0	Refer To Test Graph		Pass	
	1732.5	1	0	Refer To Test Graph		Pass	
		1754.3	1	0	Refer To Test Graph		Pass
			5		Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass	
16QAM	1710.7	1	0	Refer To Test Graph		Pass	
		6	0	Refer To Test Graph		Pass	
	1732.5	1	0	Refer To Test Graph		Pass	
		1754.3	1	0	Refer To Test Graph		Pass
			5		Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass	
64QAM	1710.7	1	0	Refer To Test Graph		Pass	
		6	0	Refer To Test Graph		Pass	
	1732.5	1	0	Refer To Test Graph		Pass	
		1754.3	1	0	Refer To Test Graph		Pass
			5		Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass	

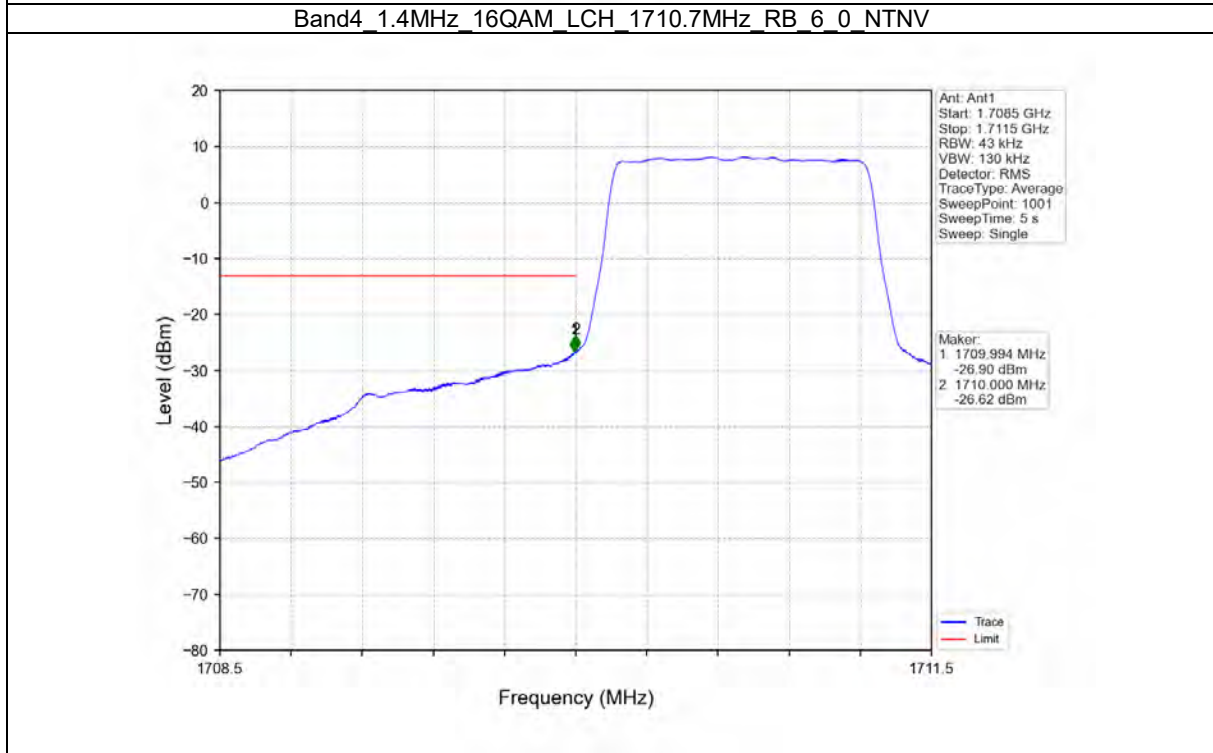
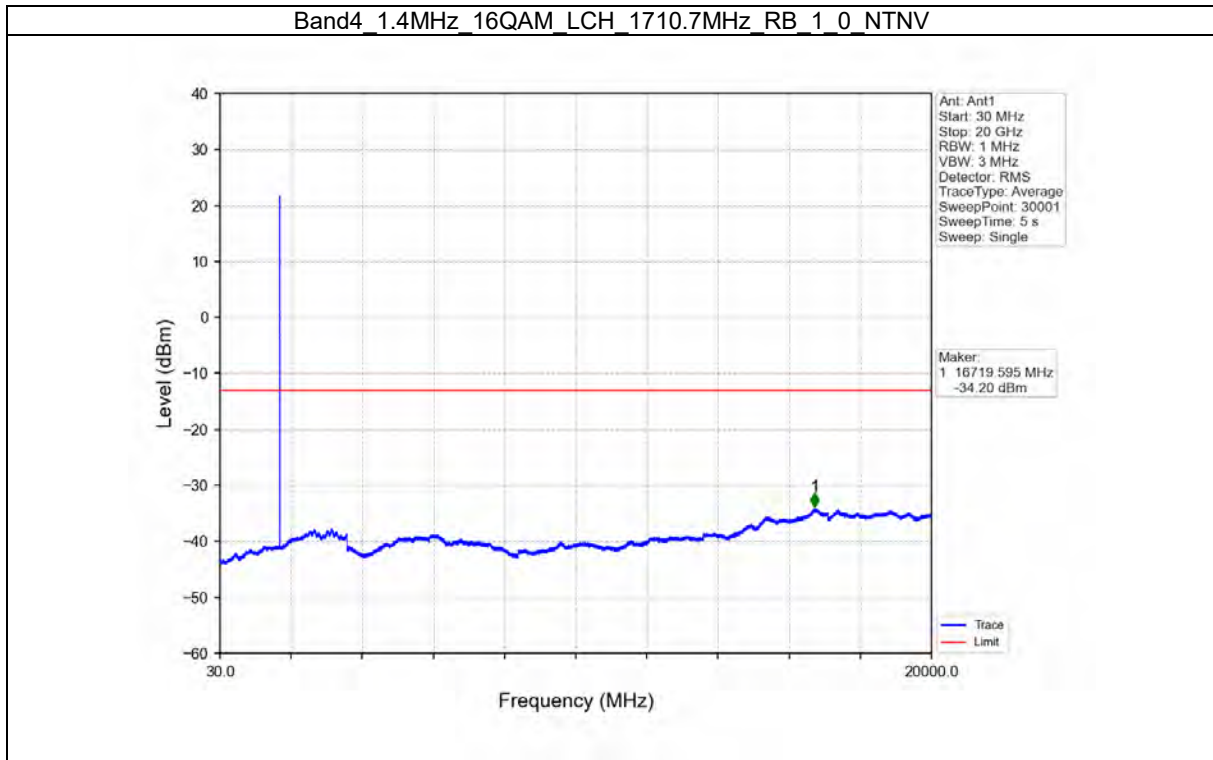
### TEST GRAPH

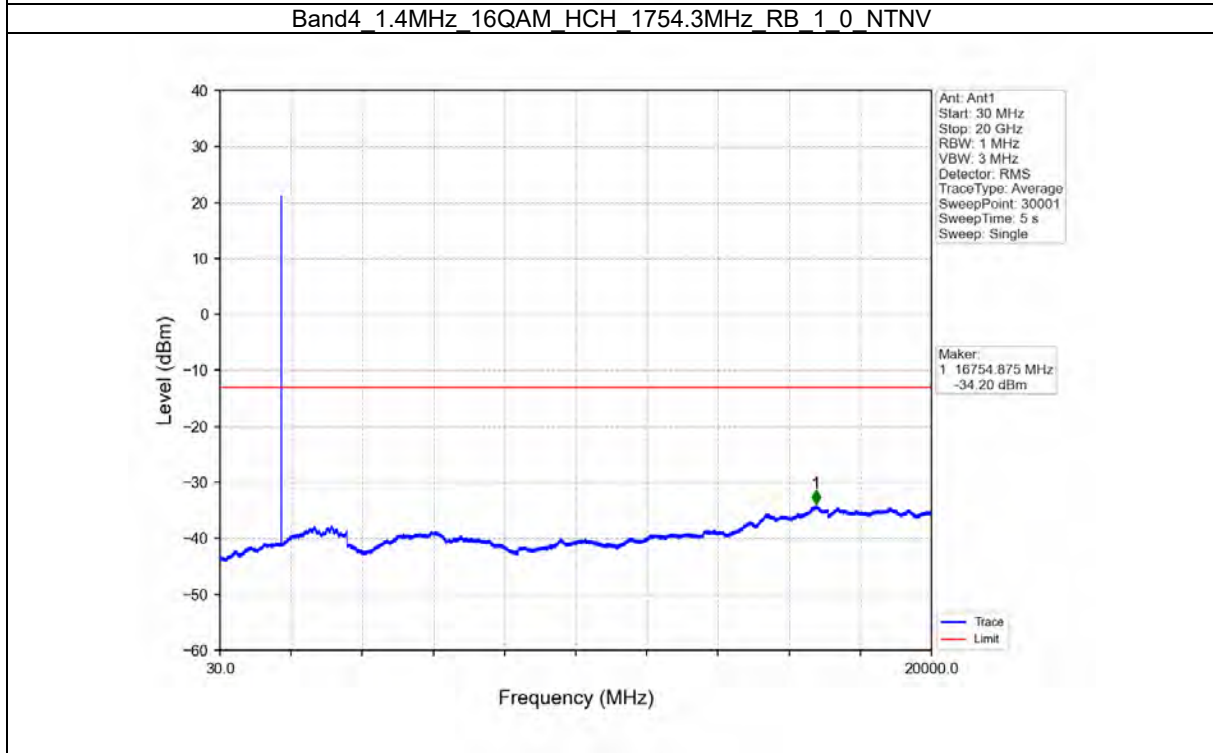
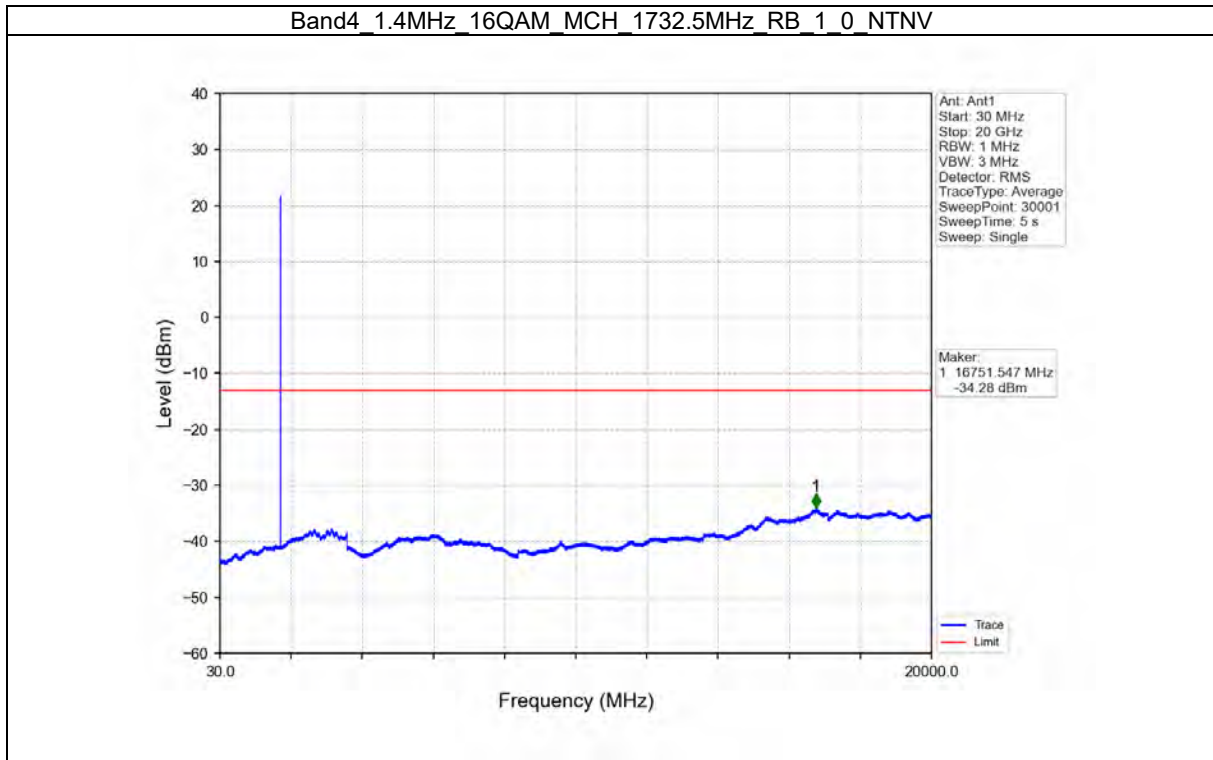




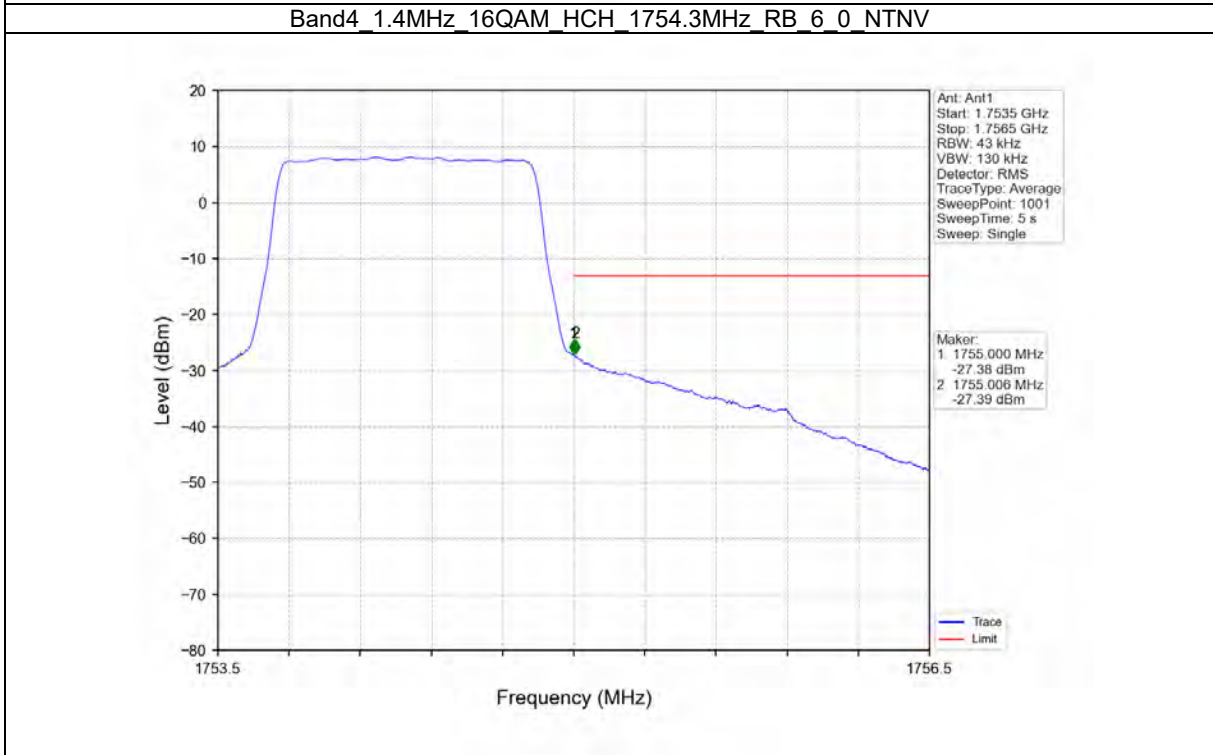
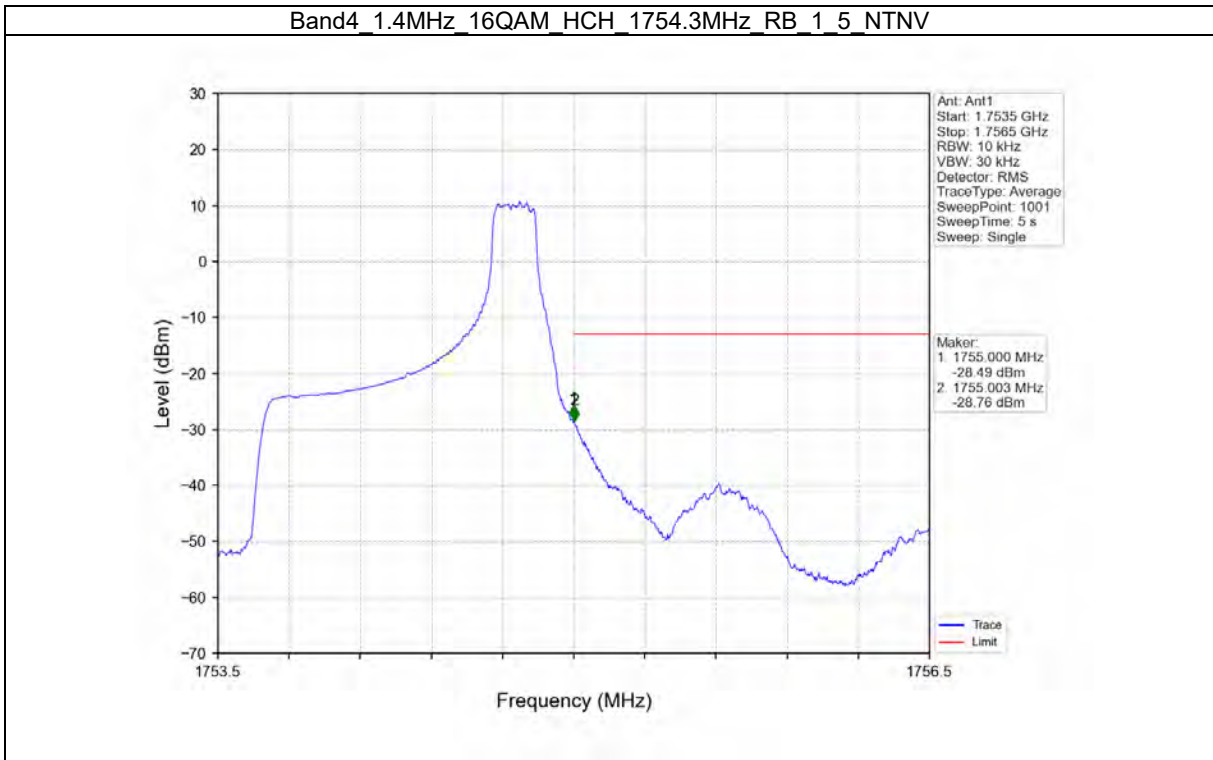


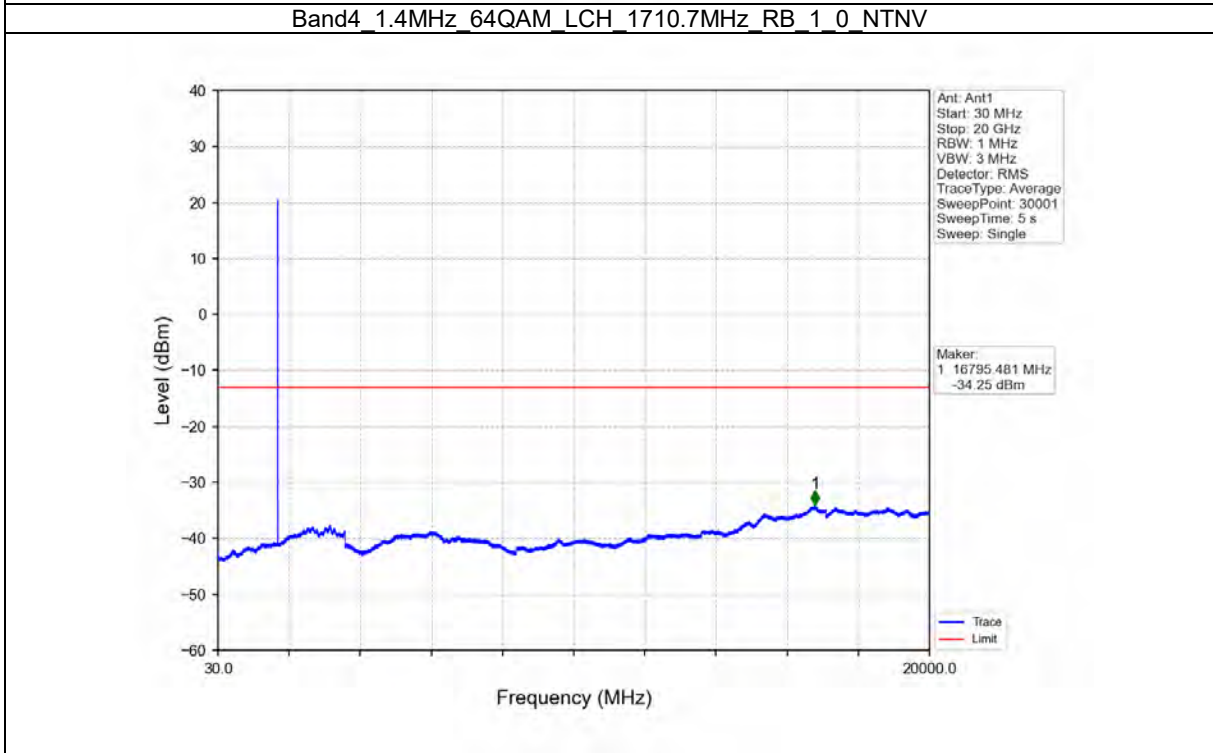
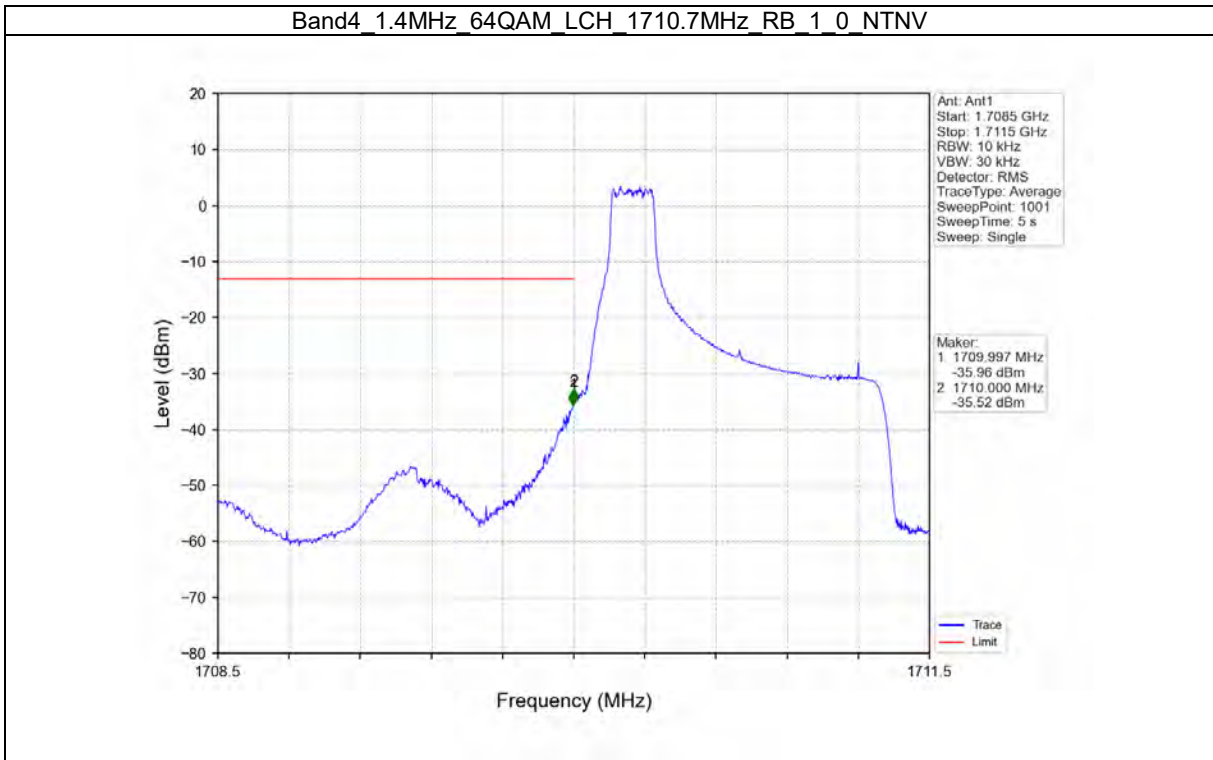


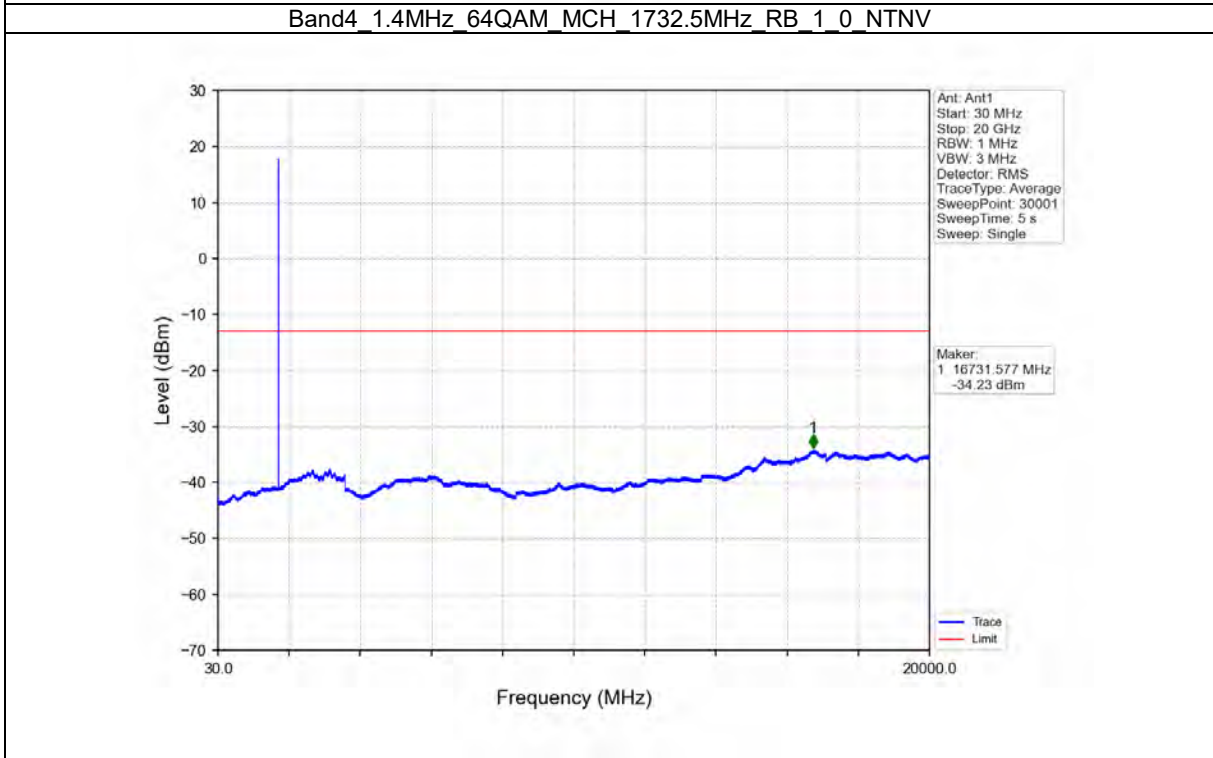
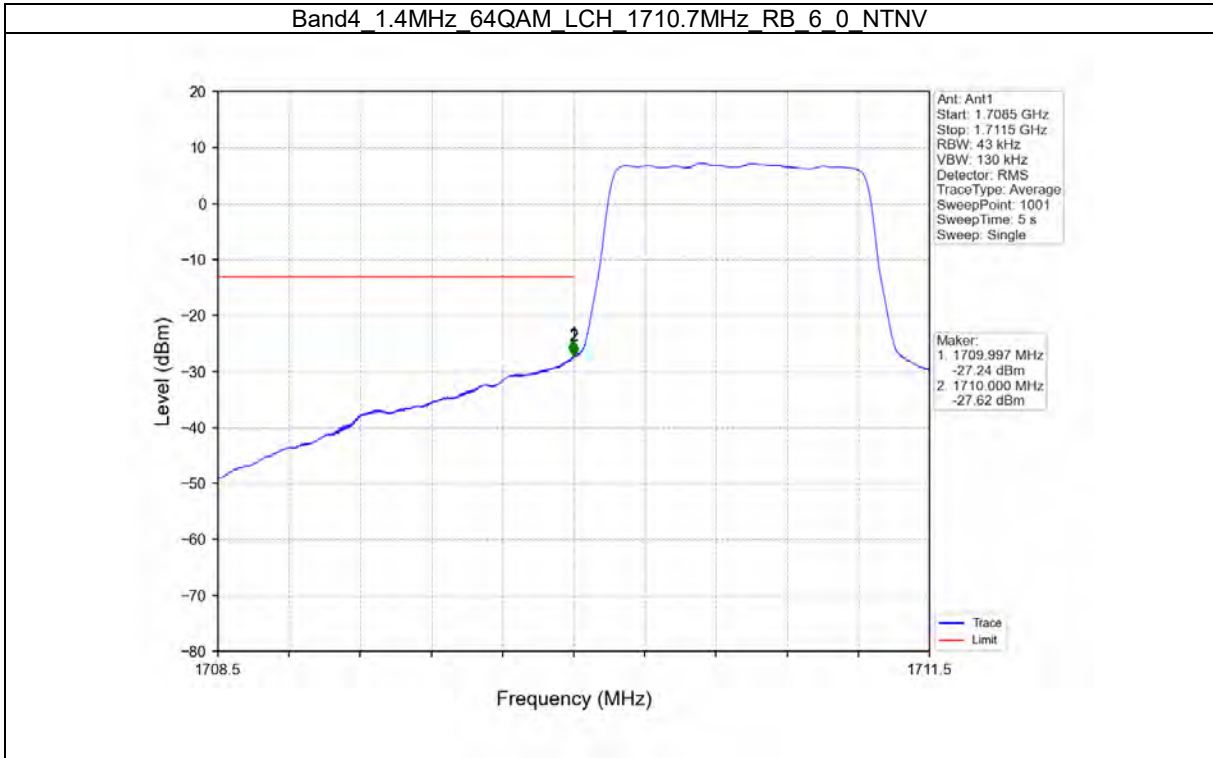


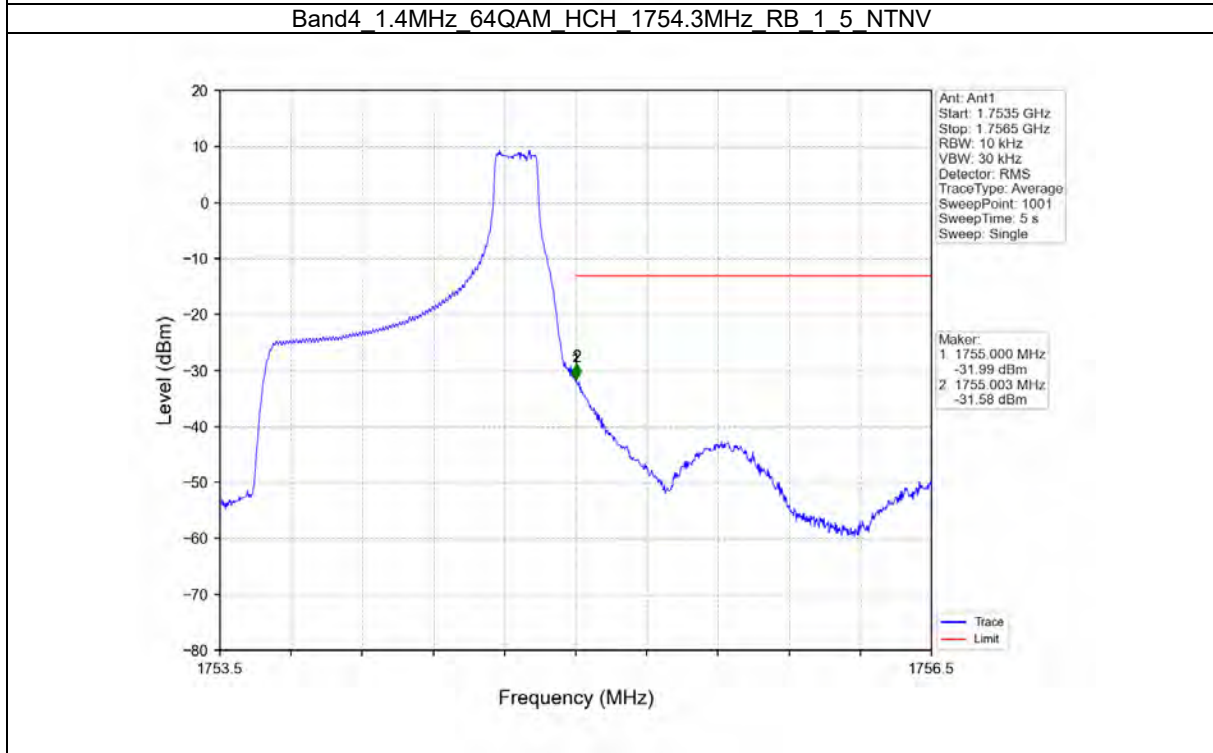
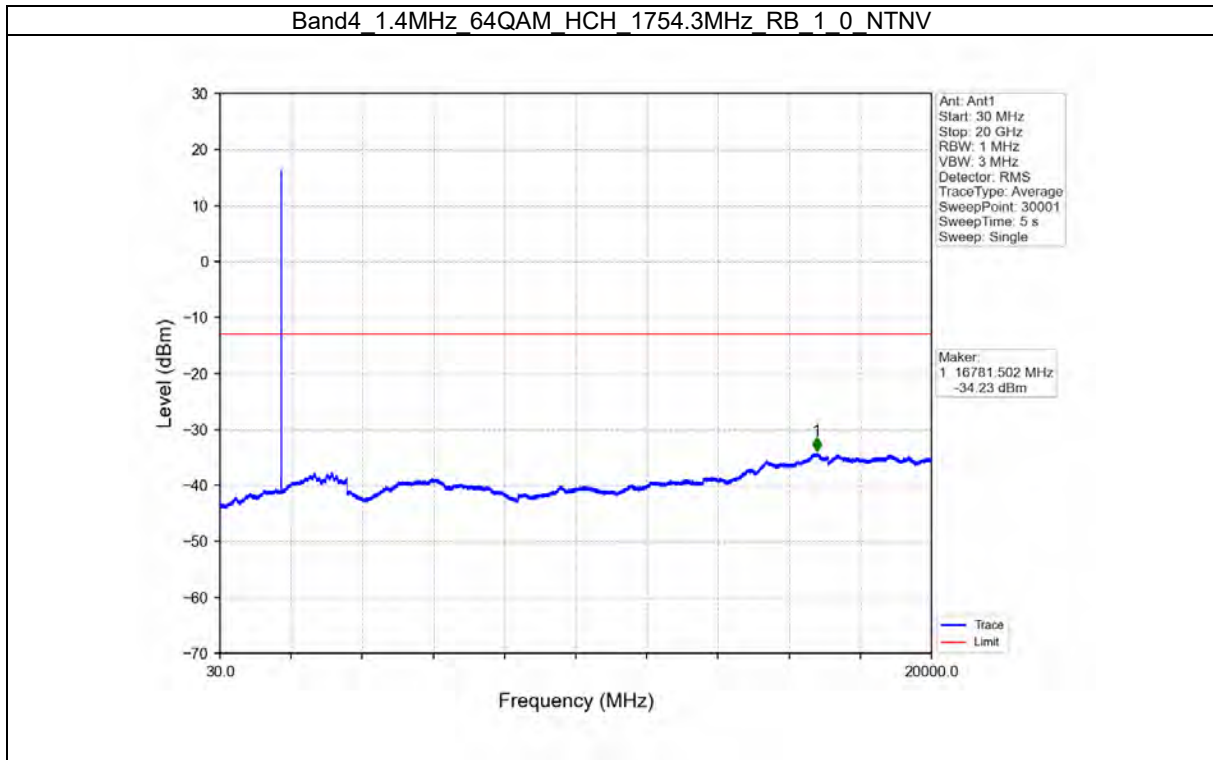


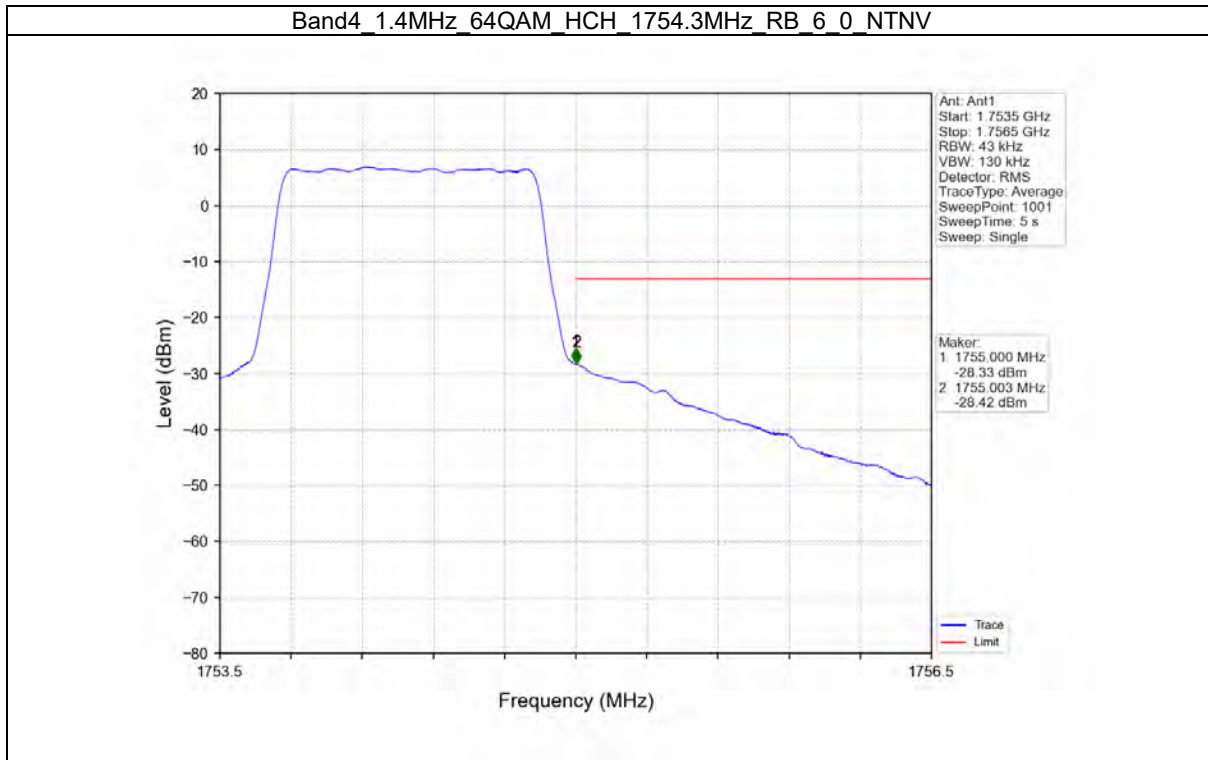












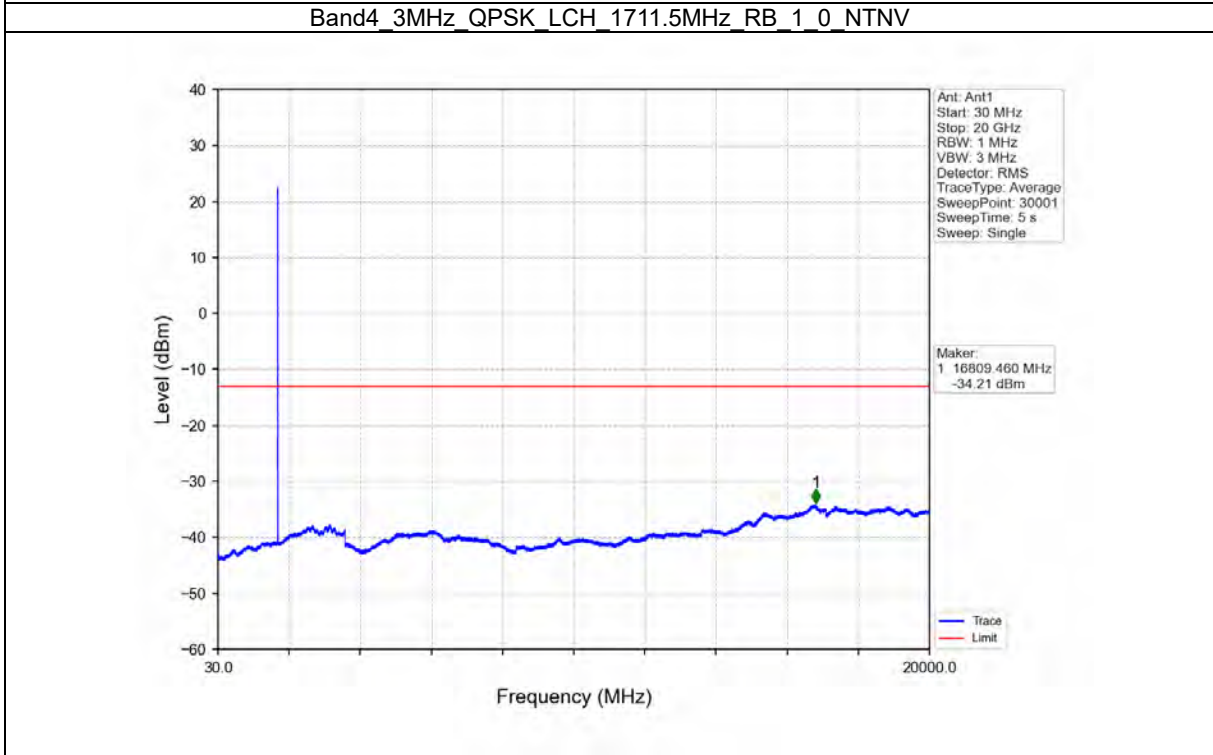
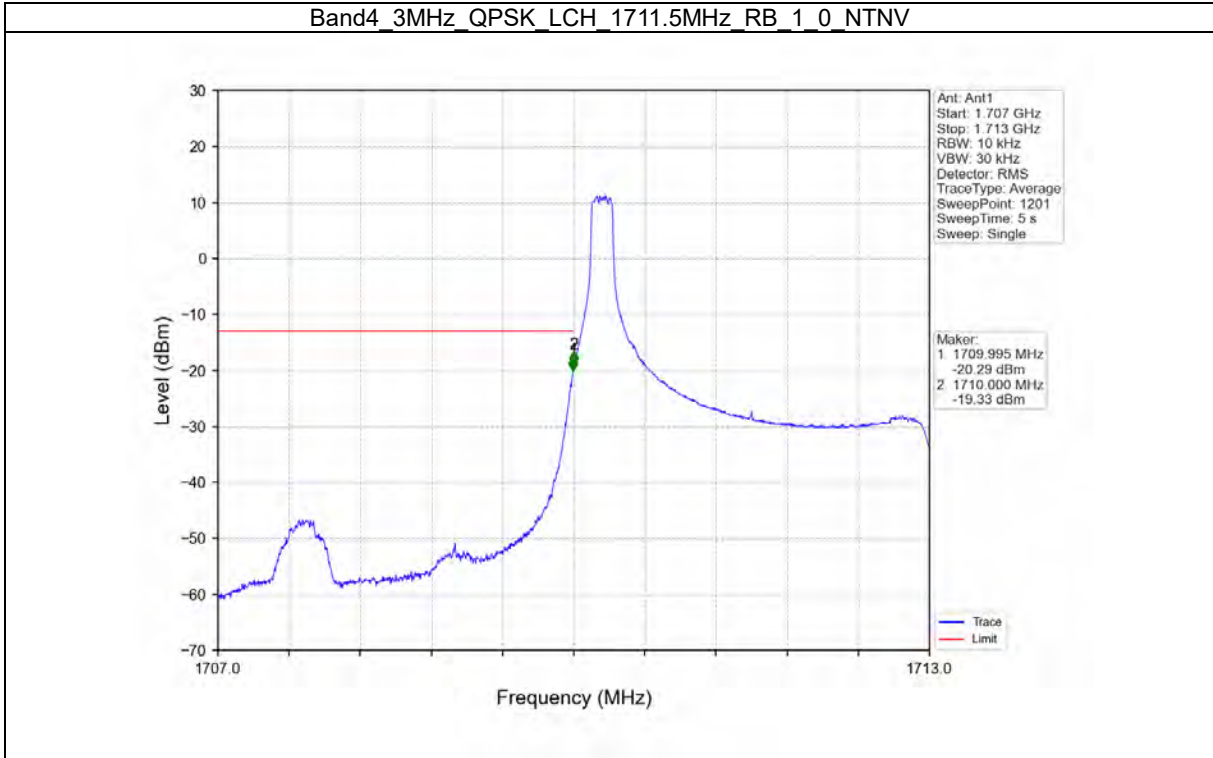


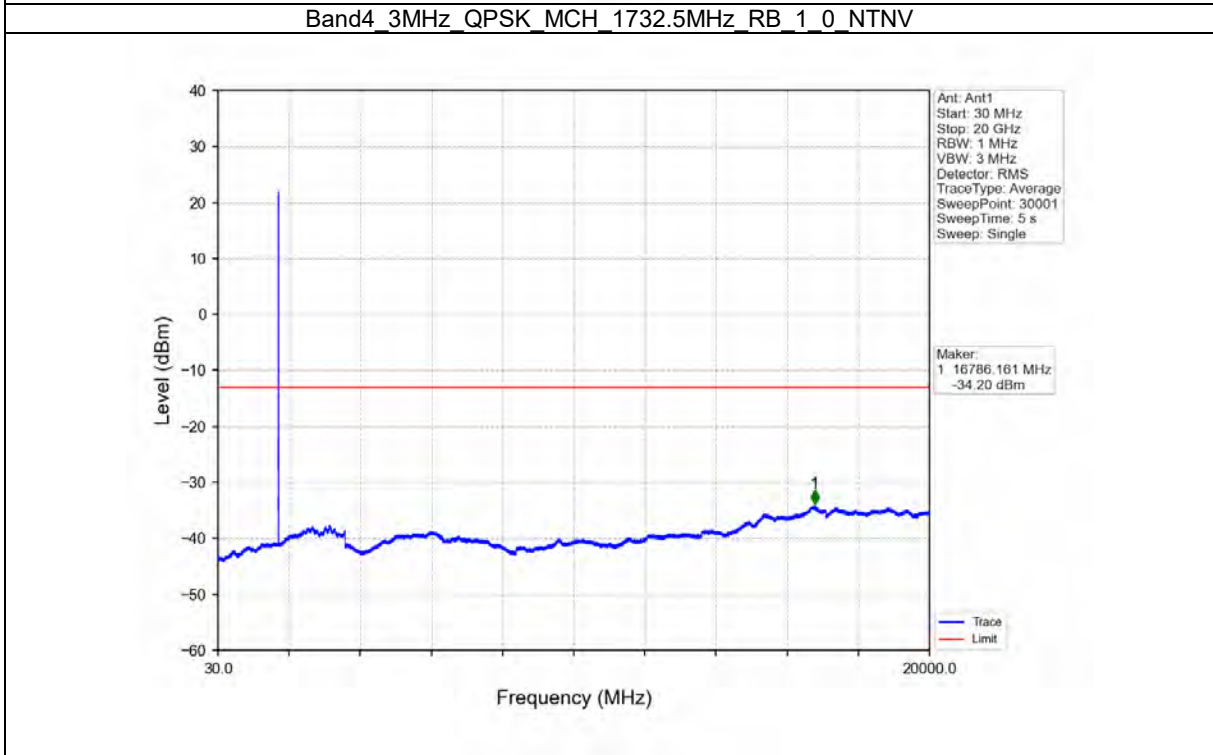
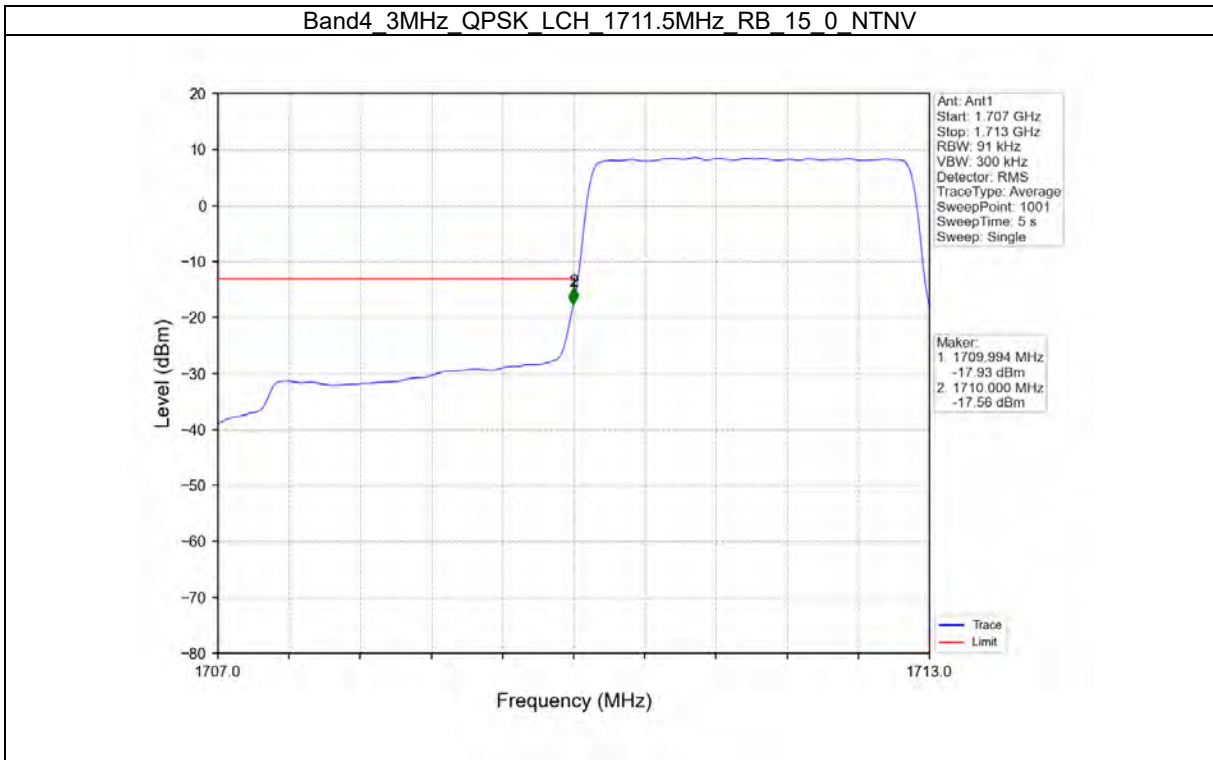
Test Report No.: W7L-P22090015-5RF06

### B4\_3MHZ TEST RESULT

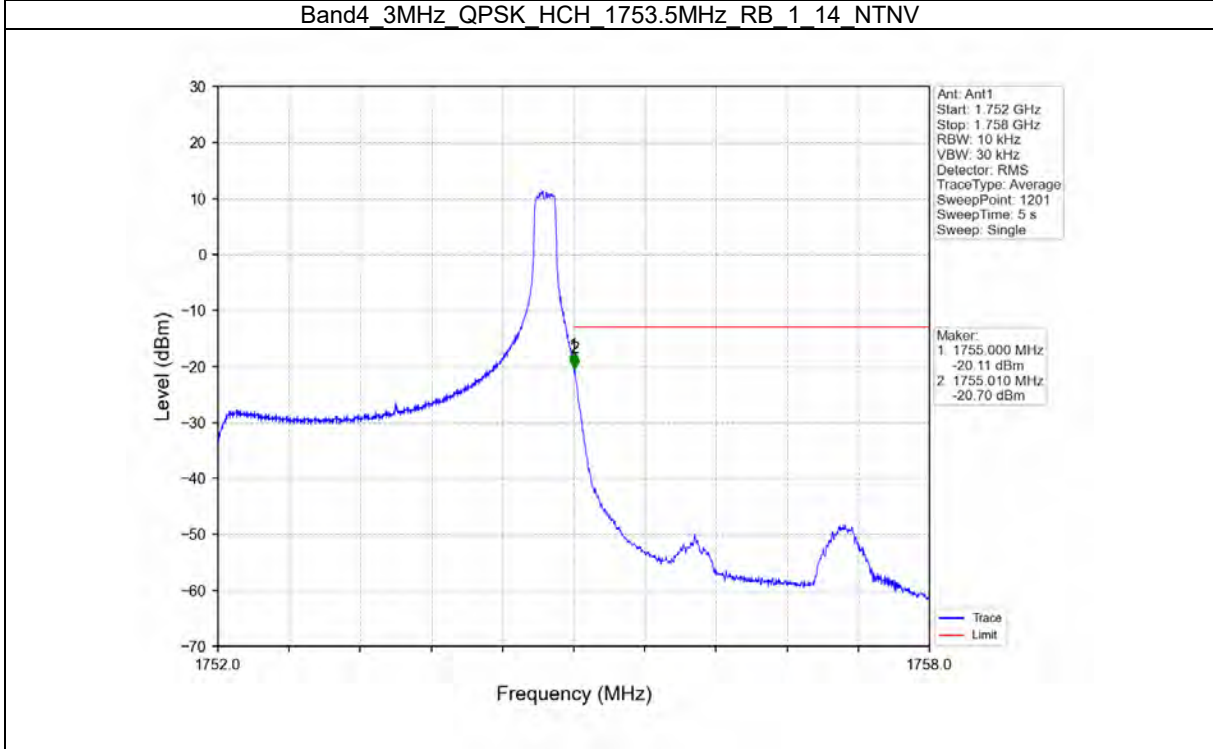
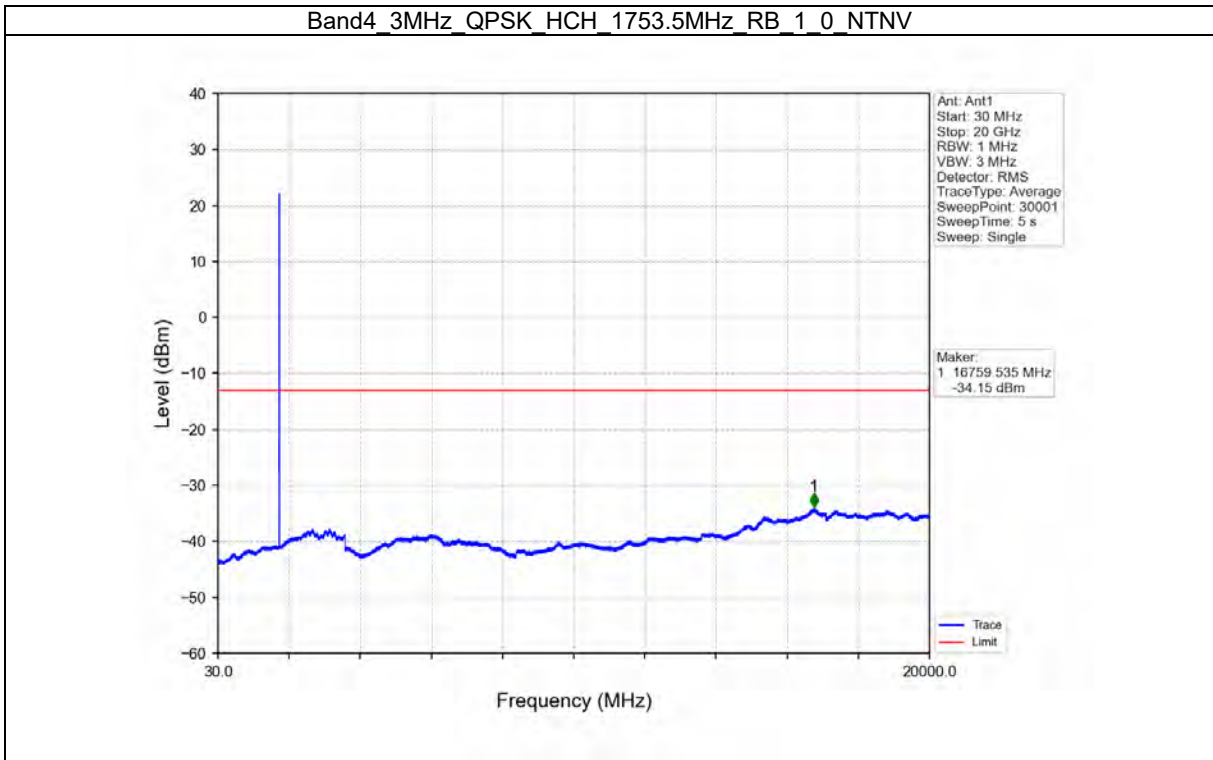
Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
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
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

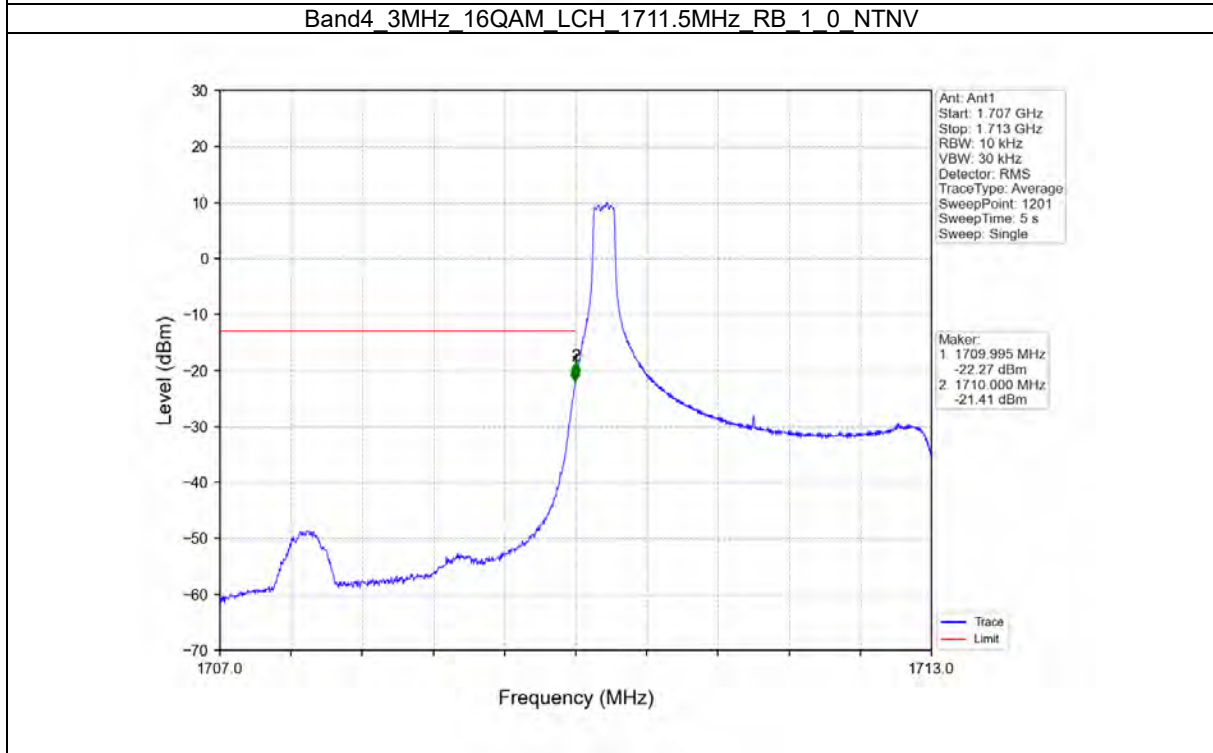
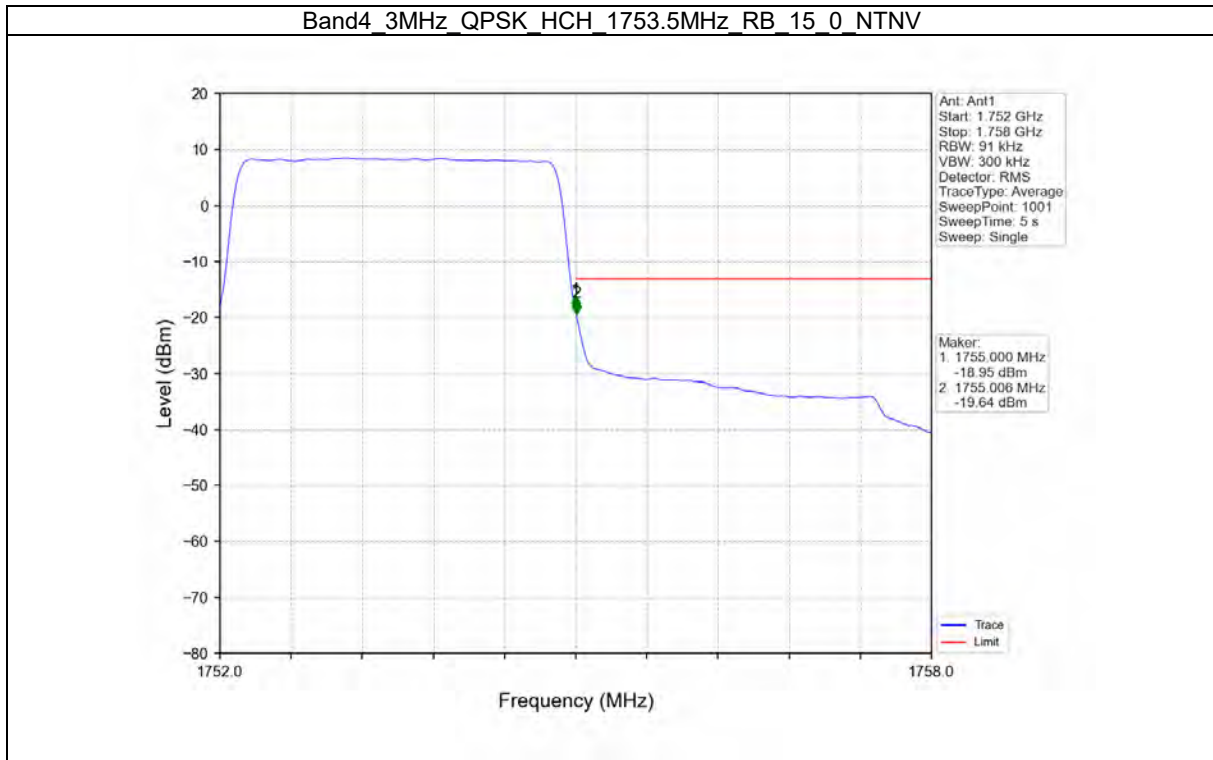
**TEST GRAPH**

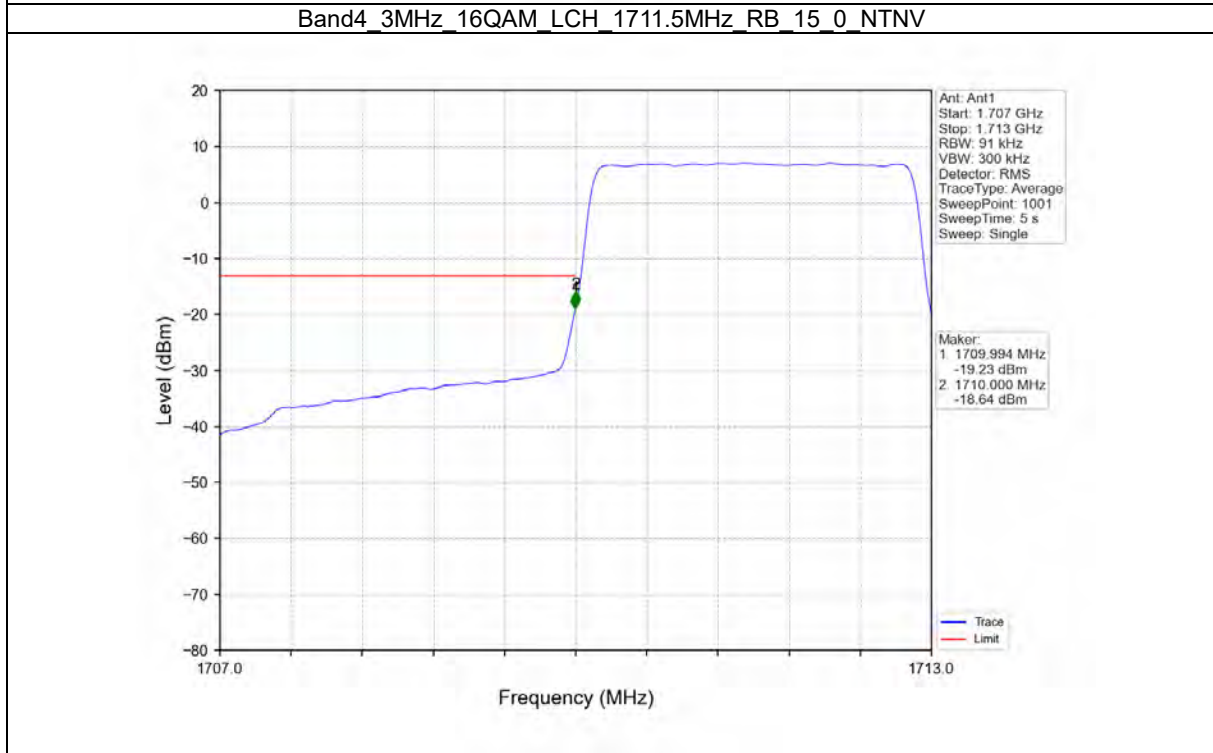
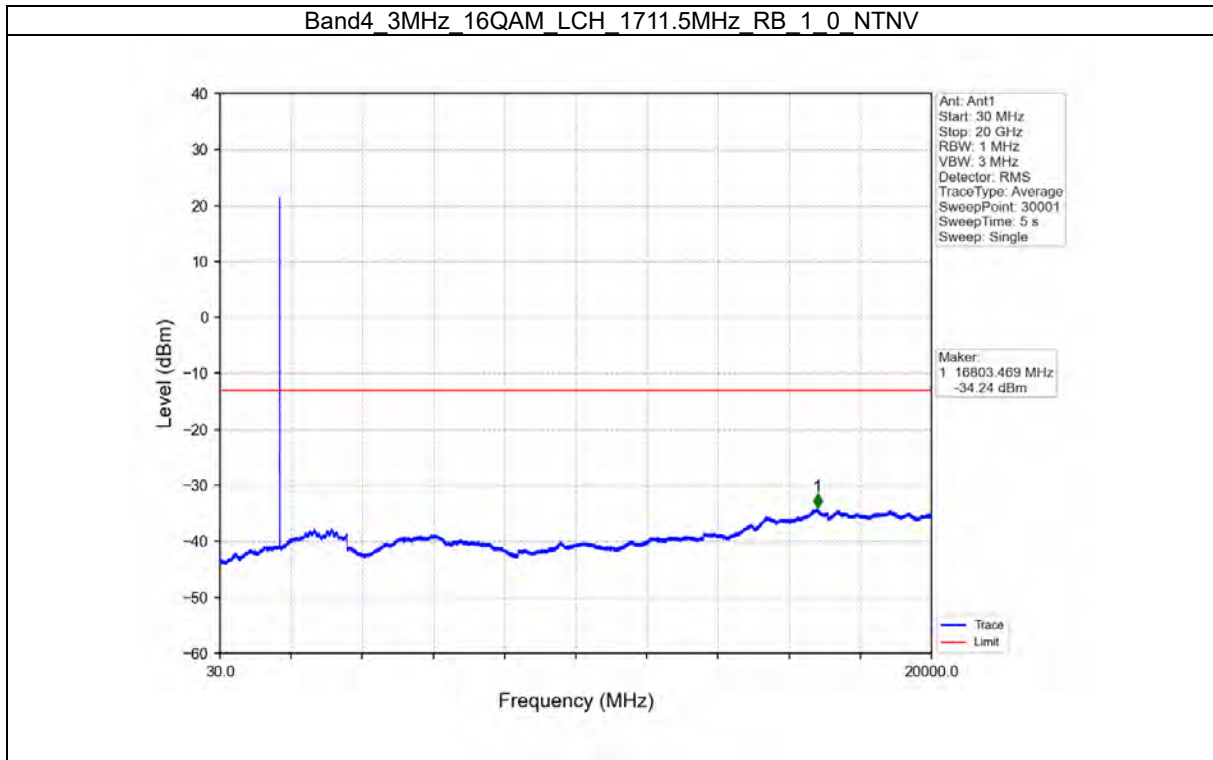


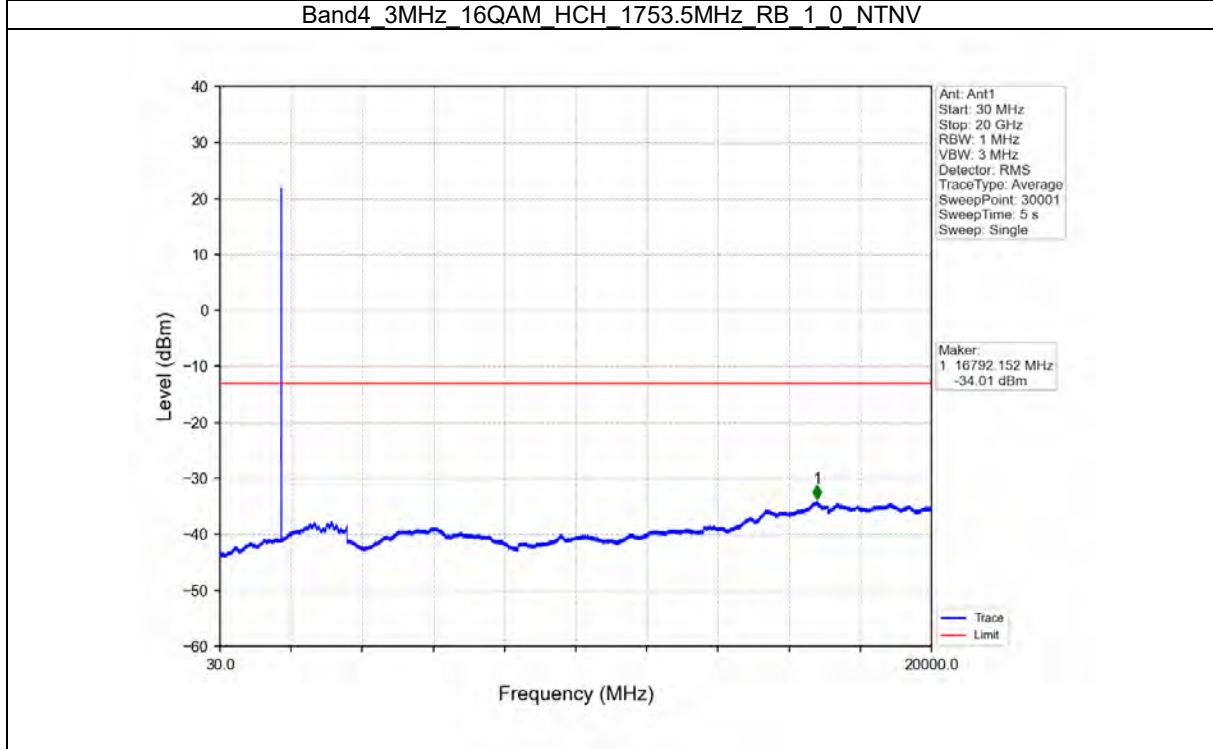
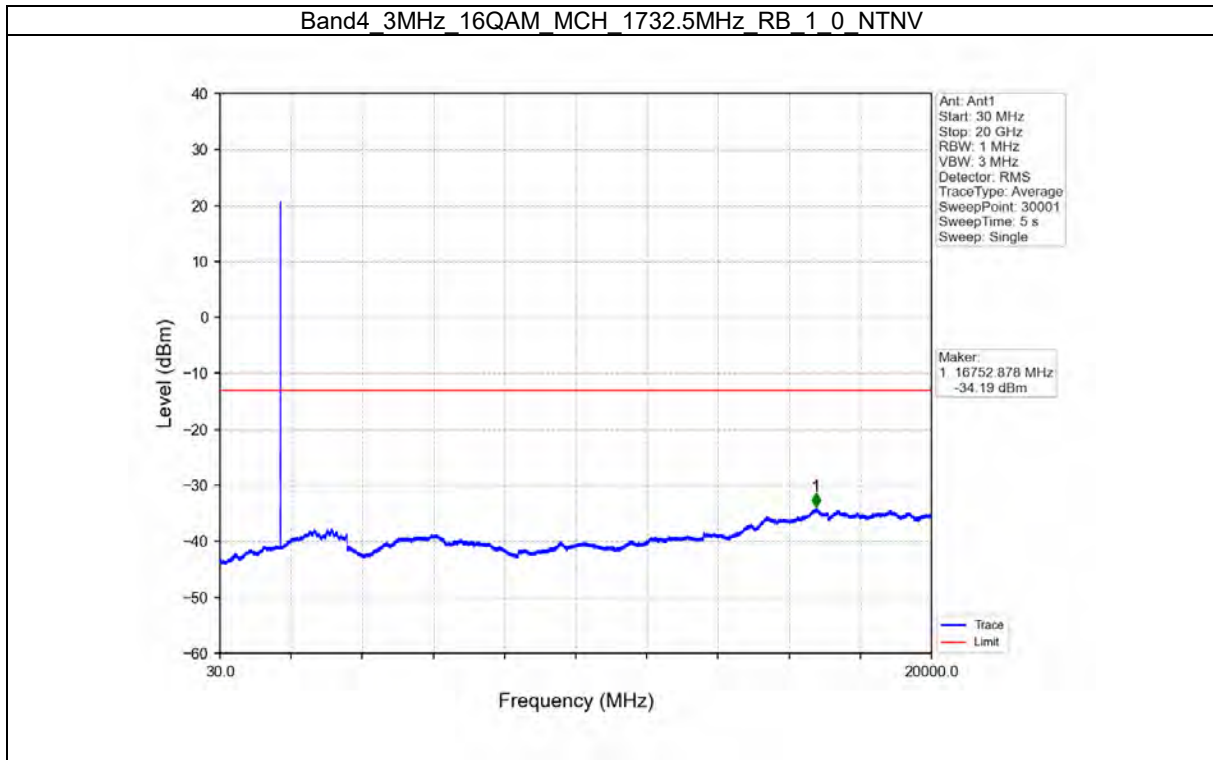


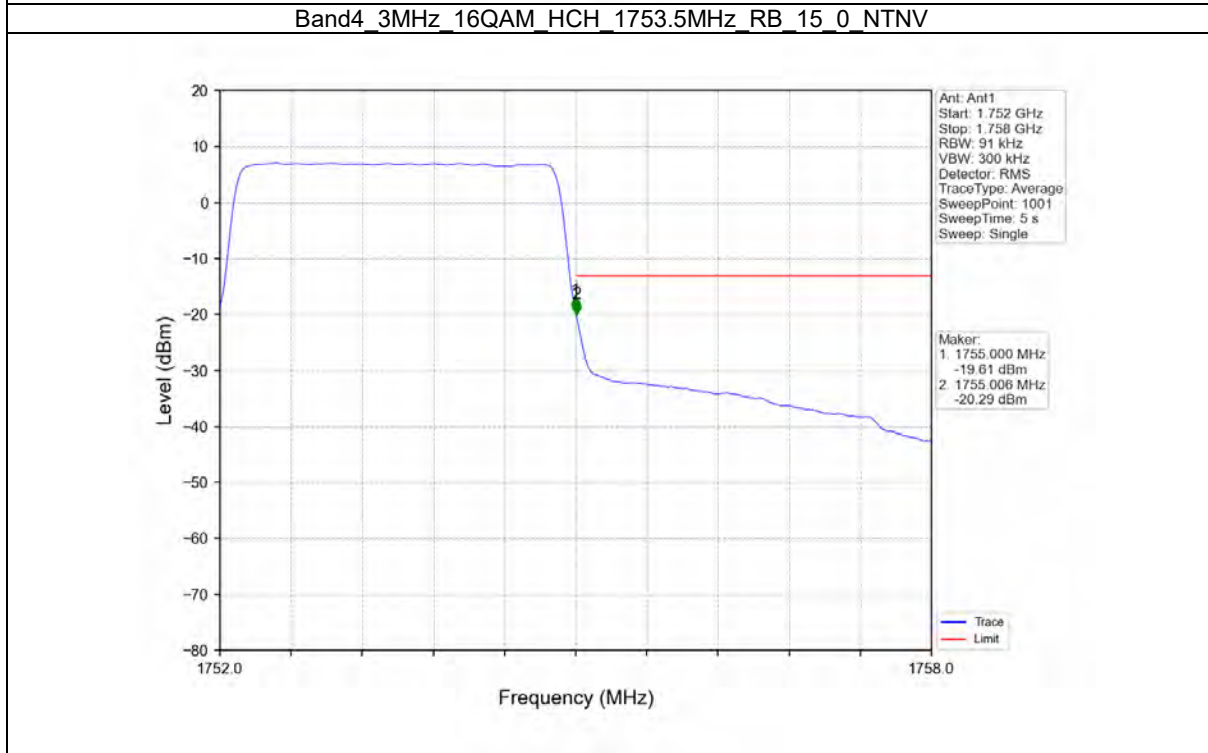
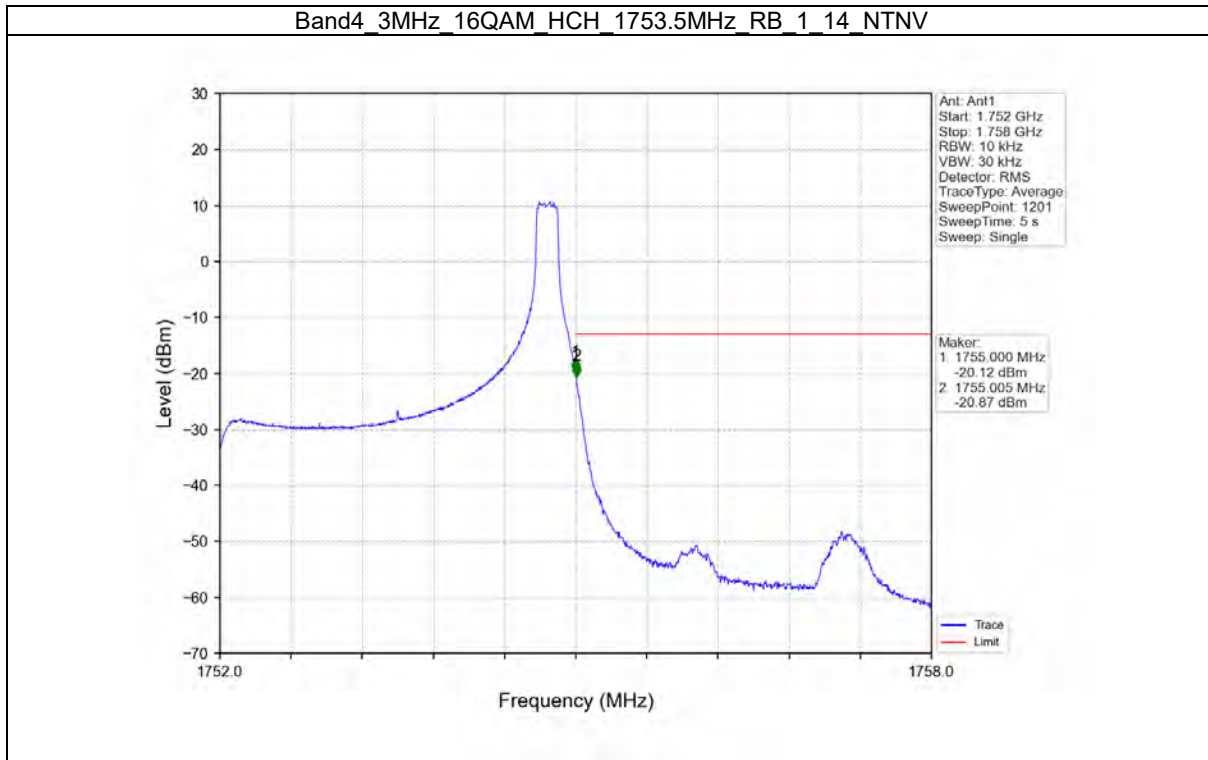


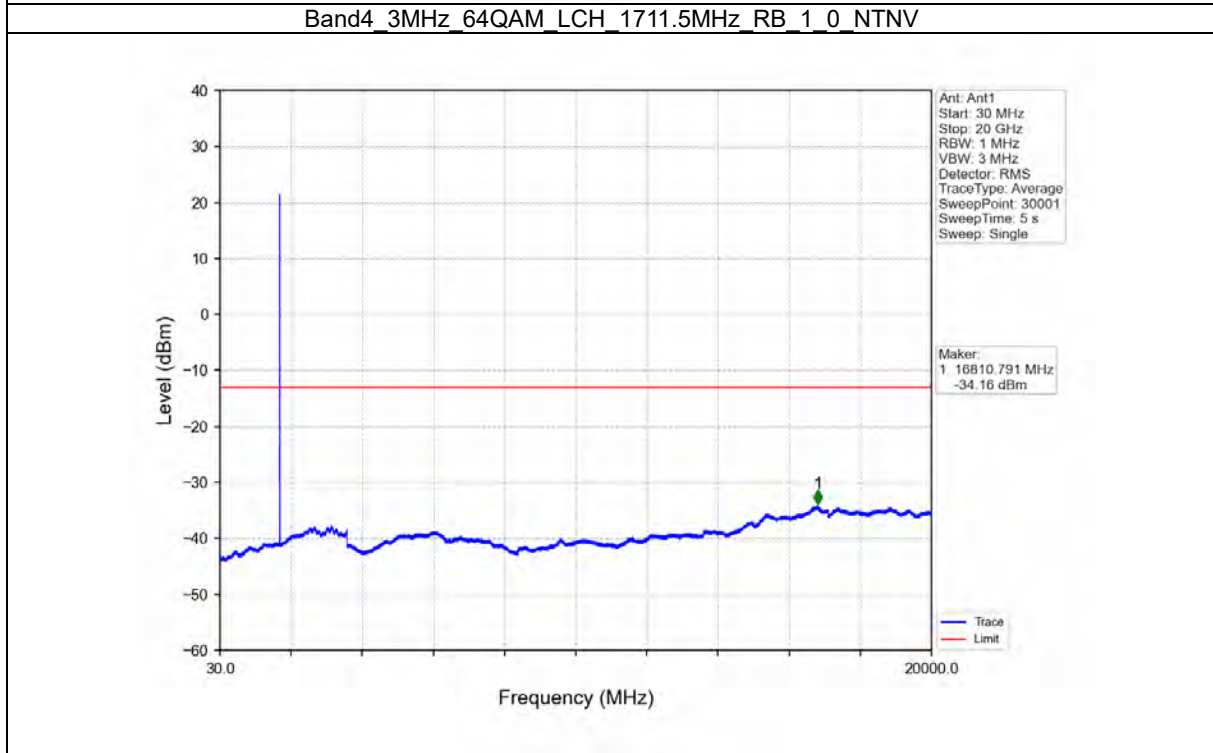
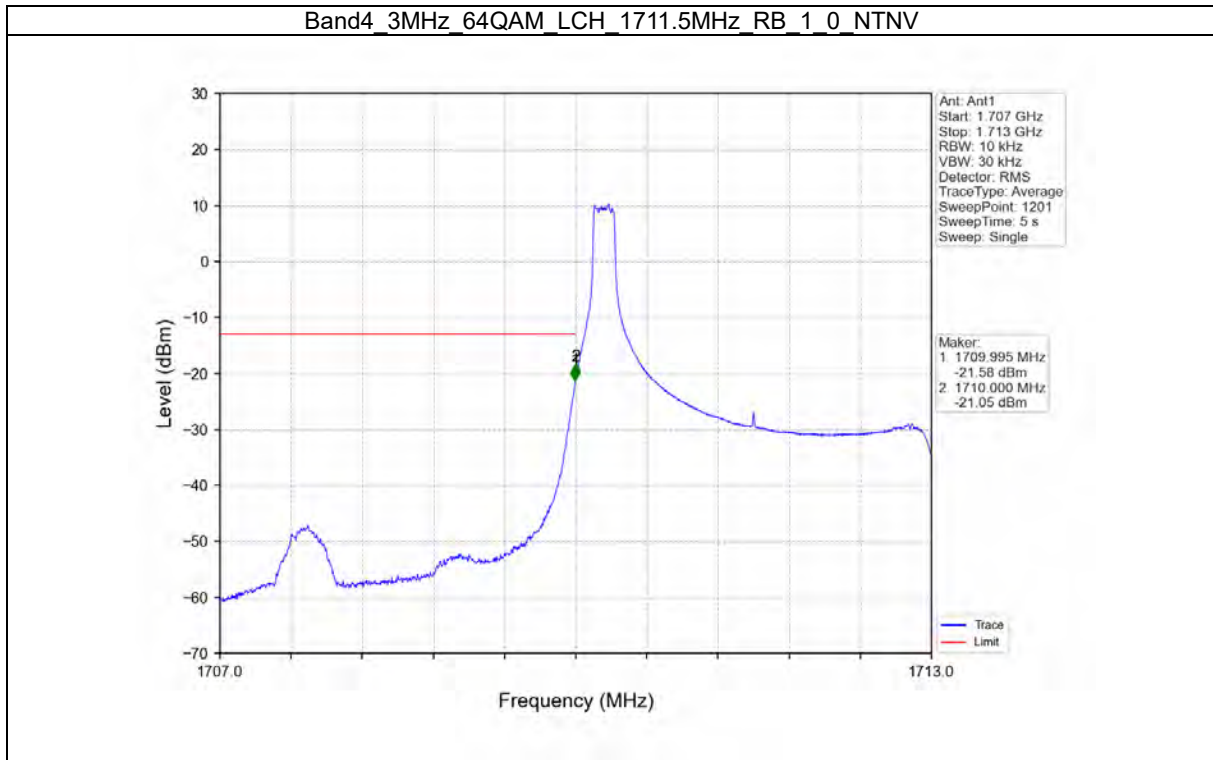


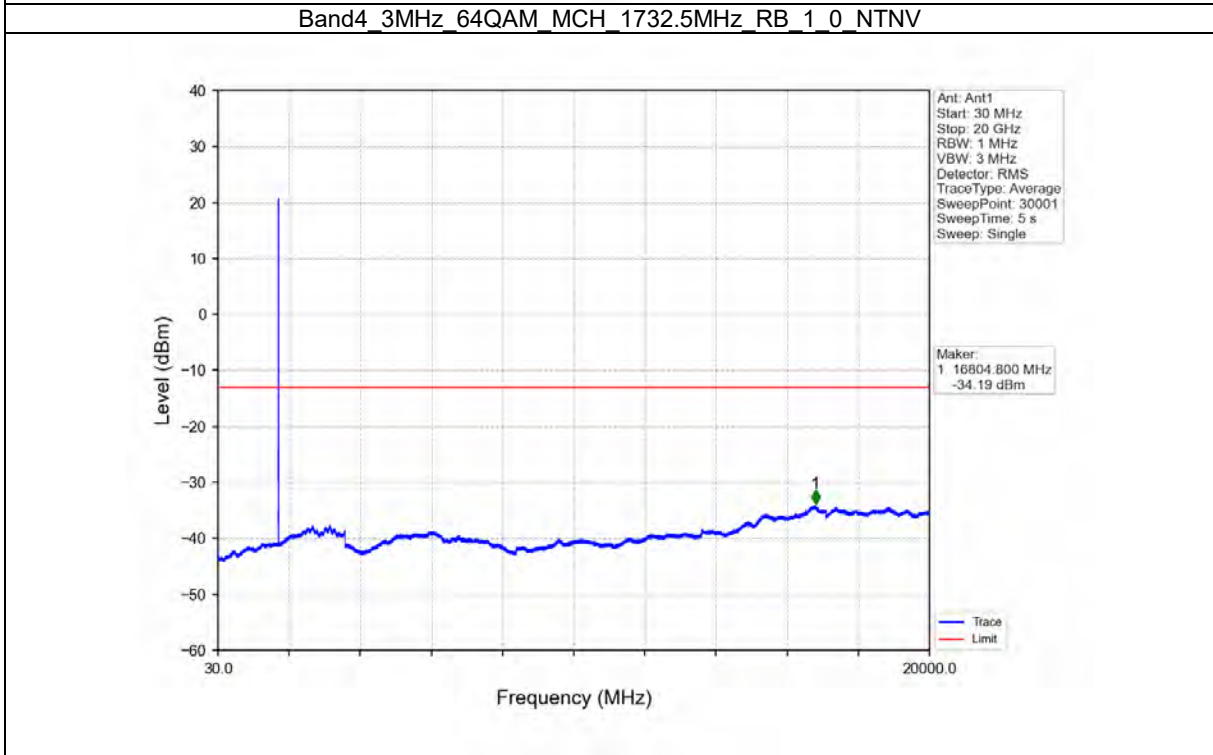
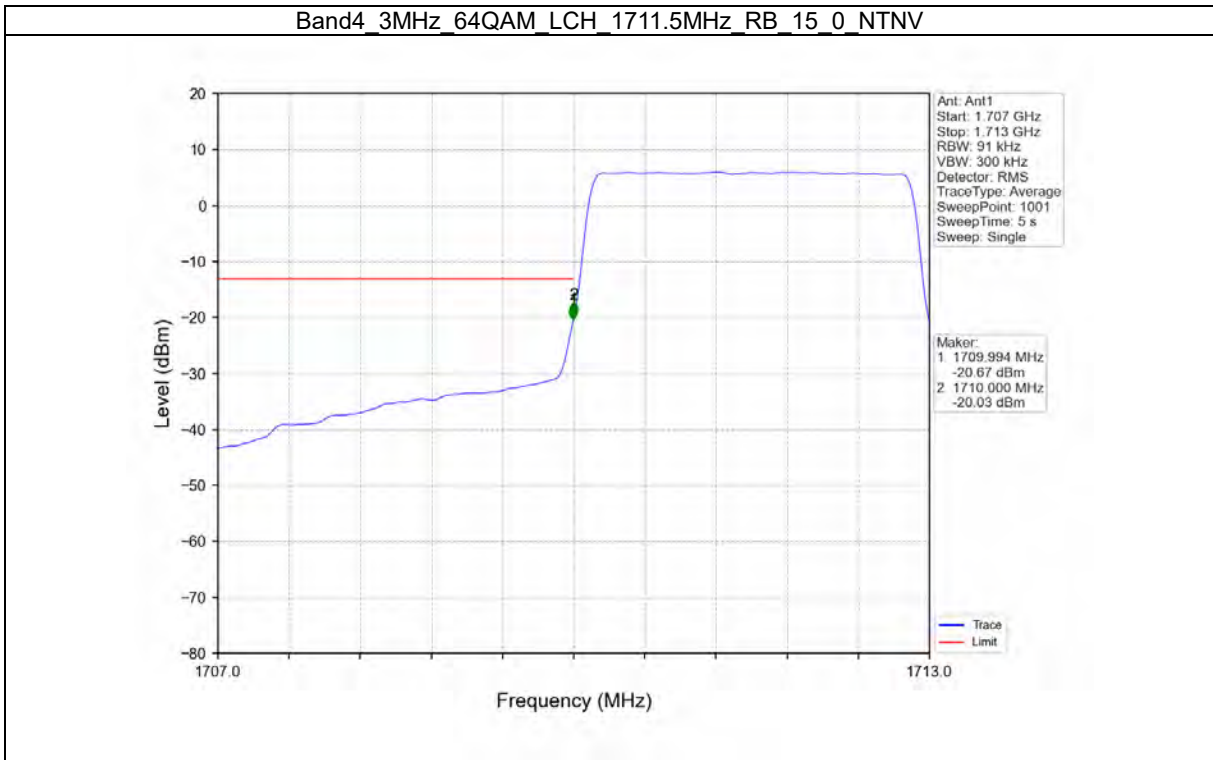


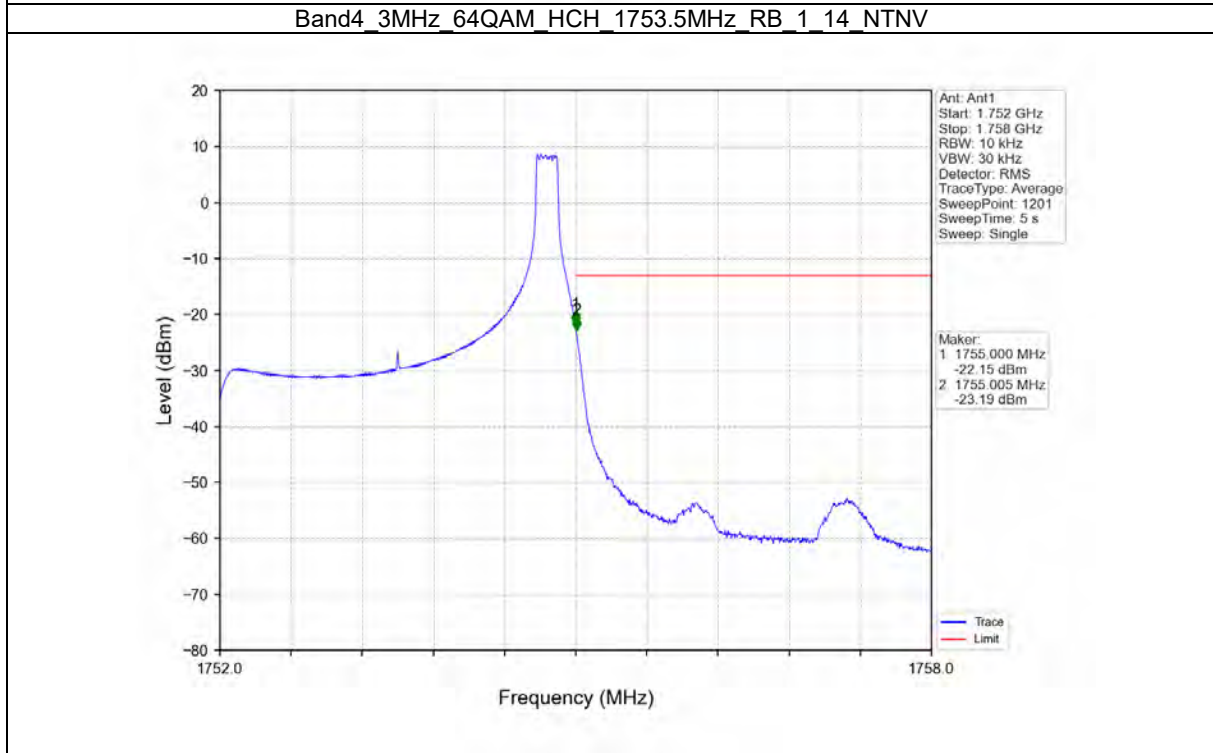
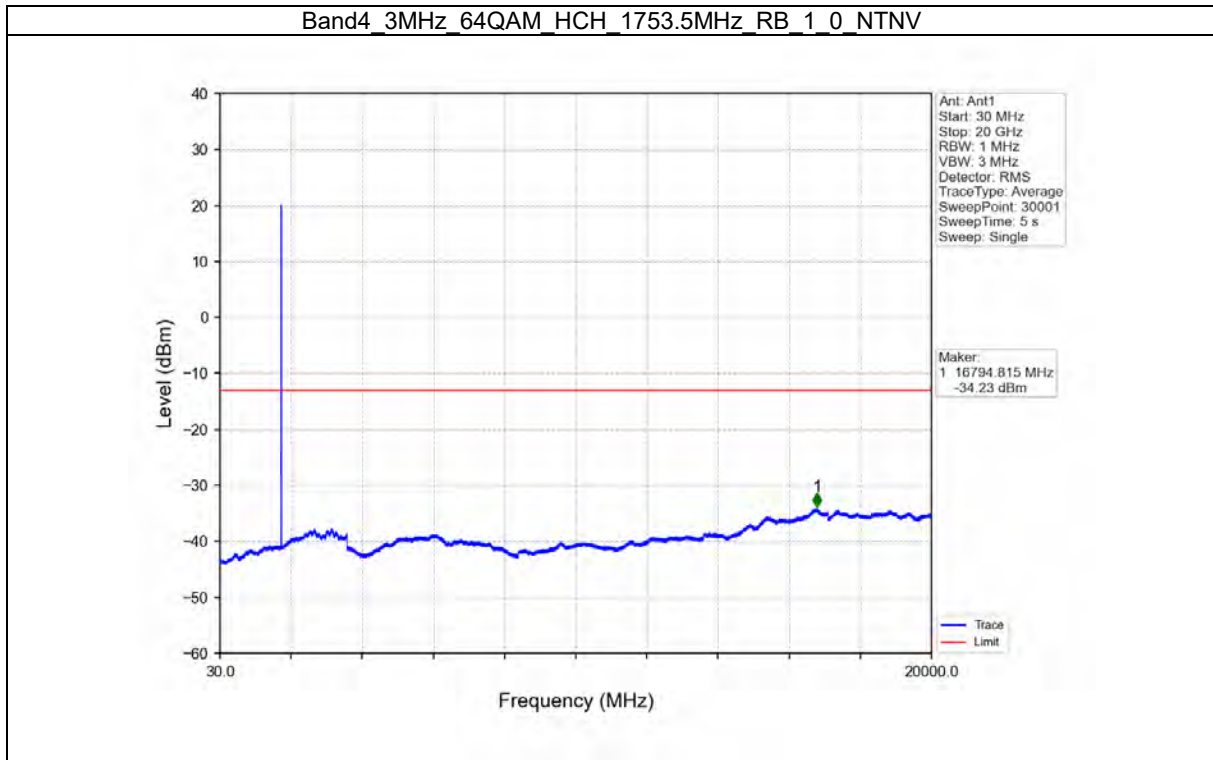








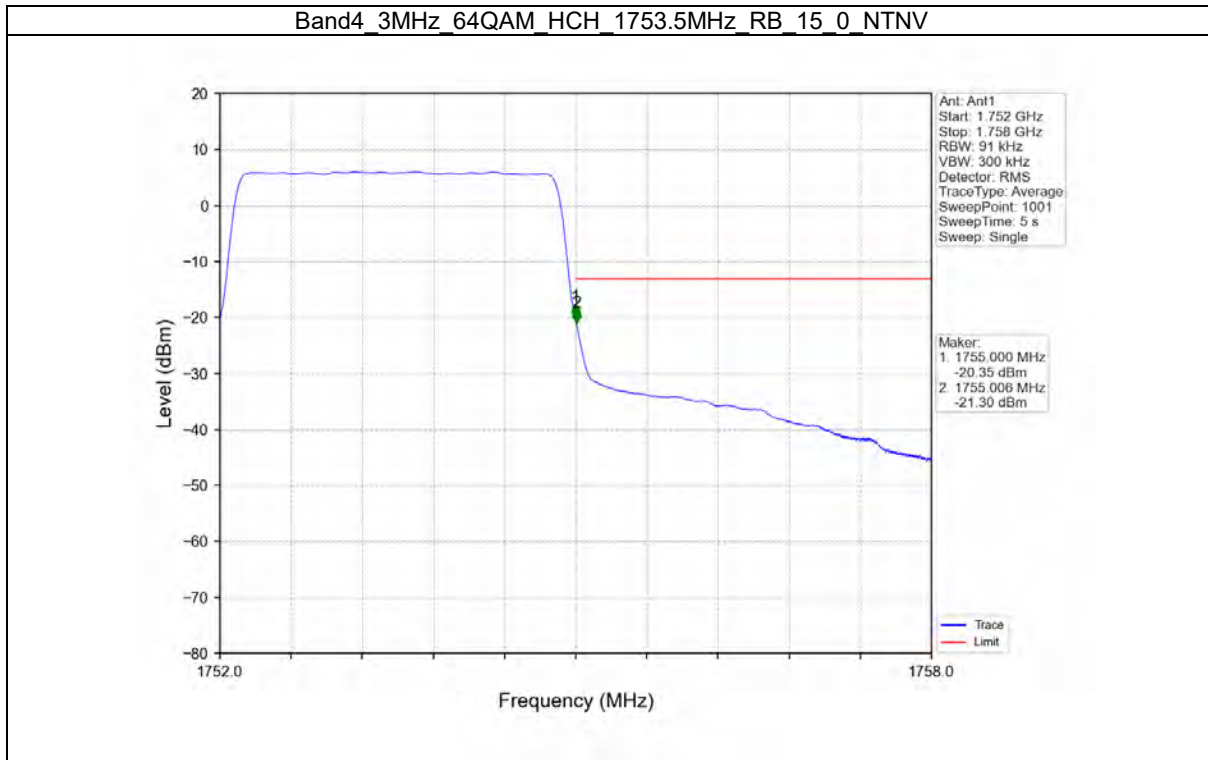








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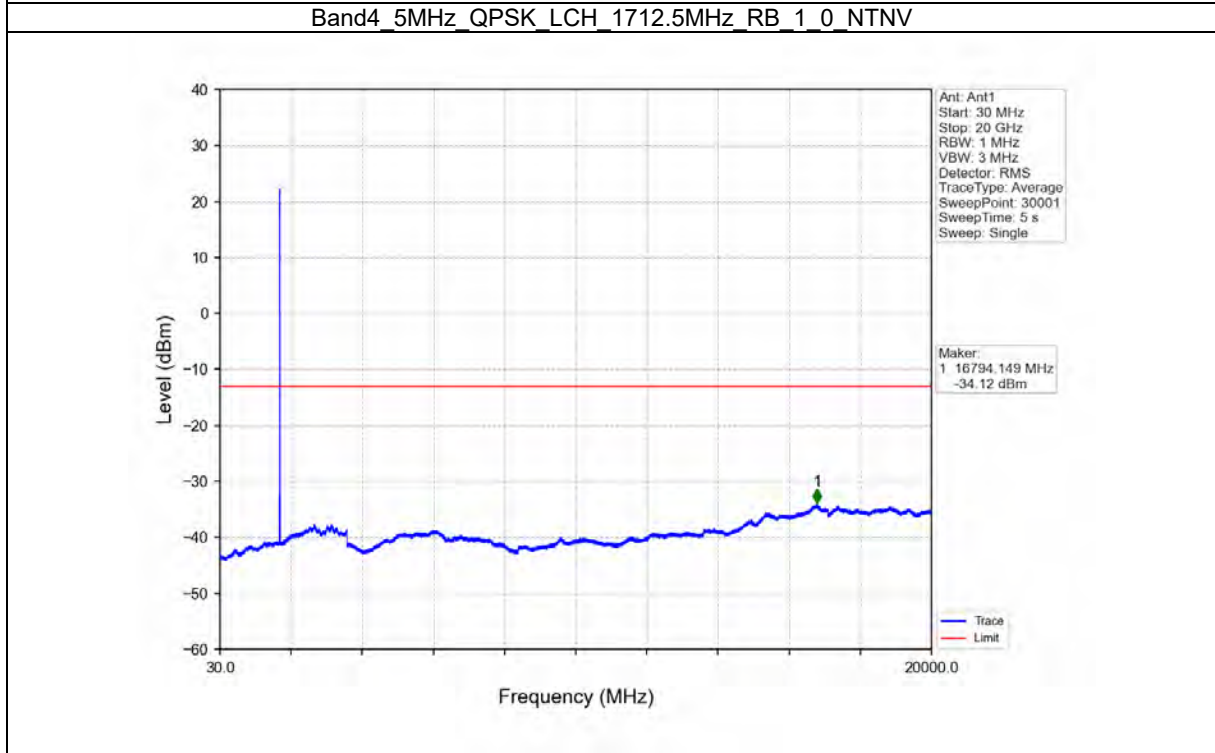
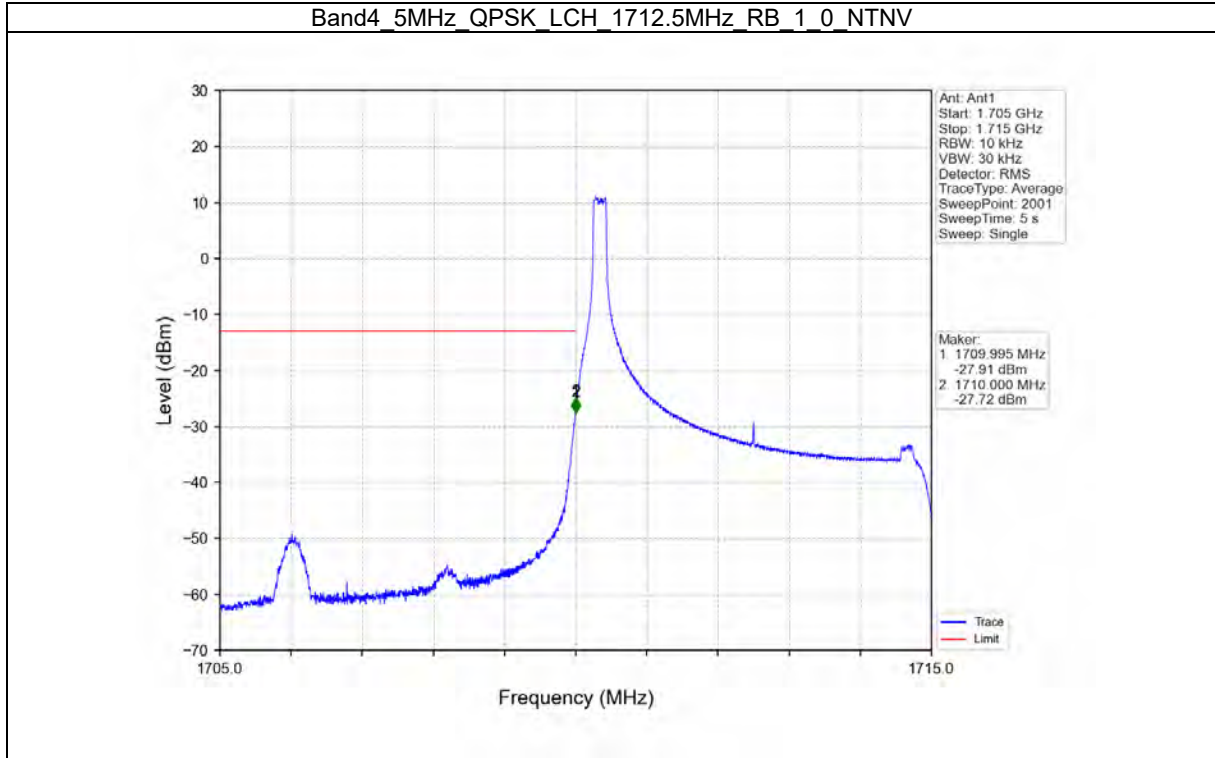


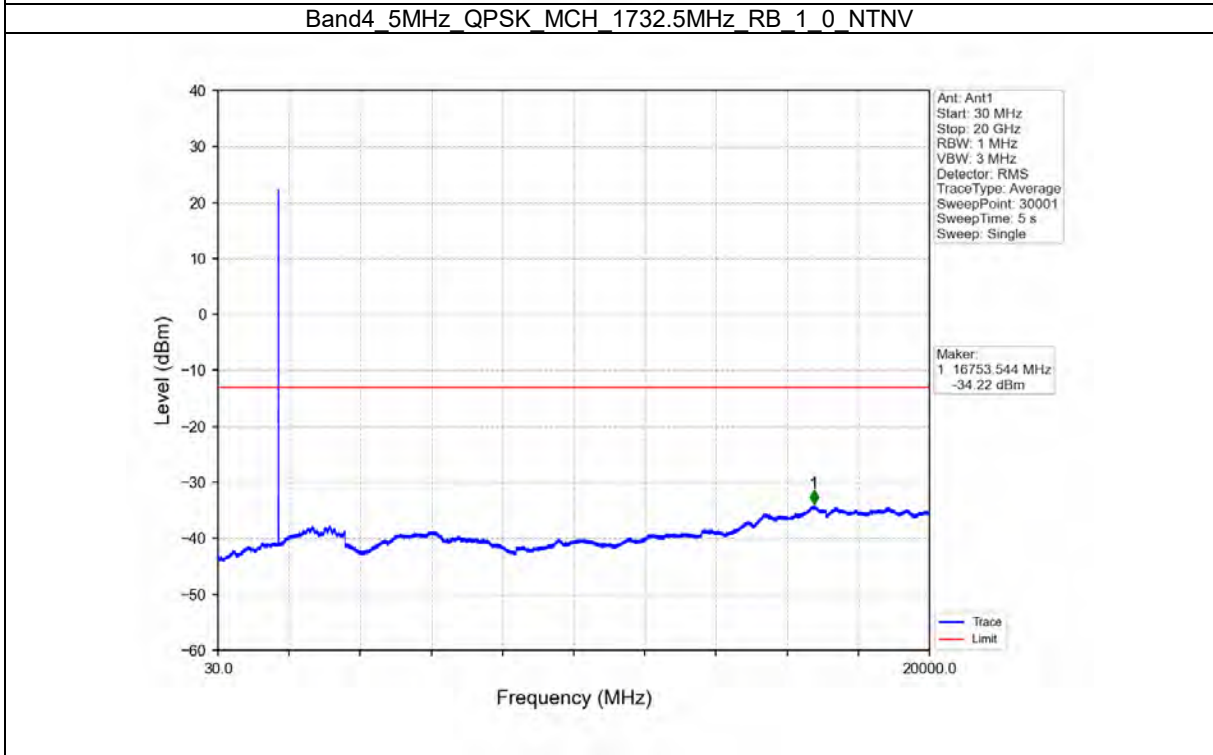
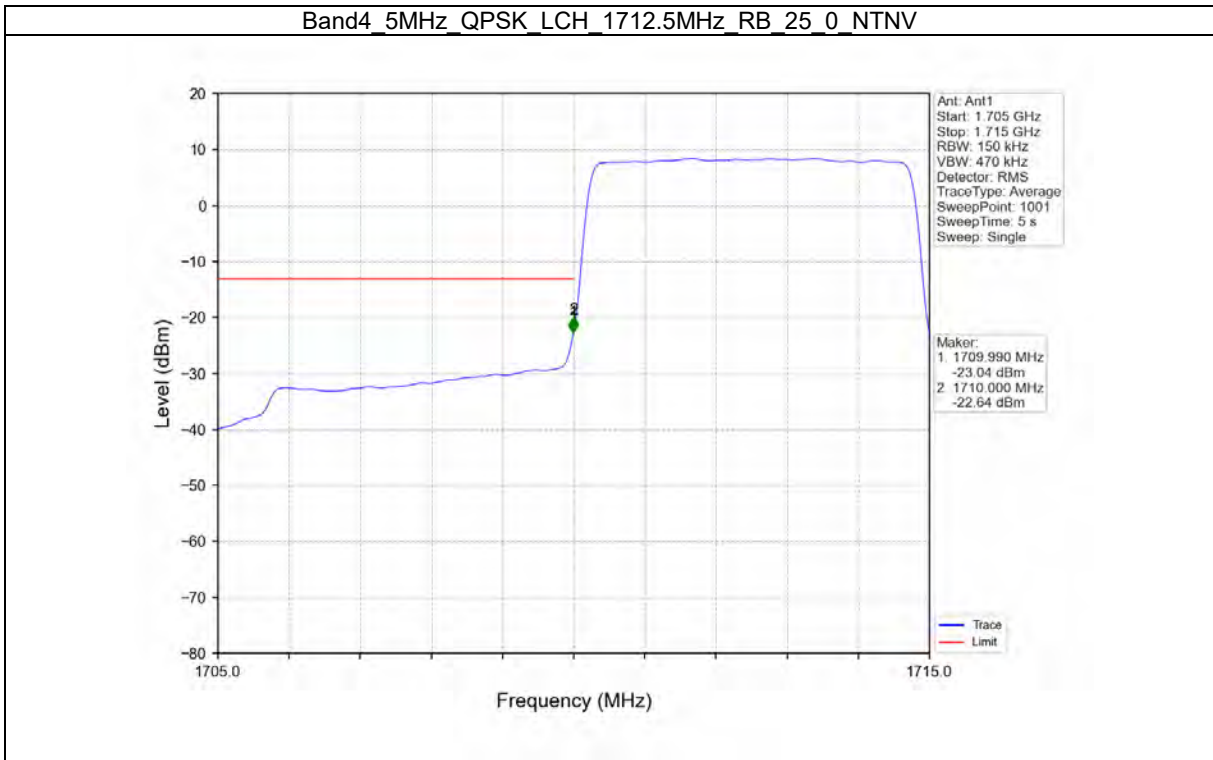
Test Report No.: W7L-P22090015-5RF06

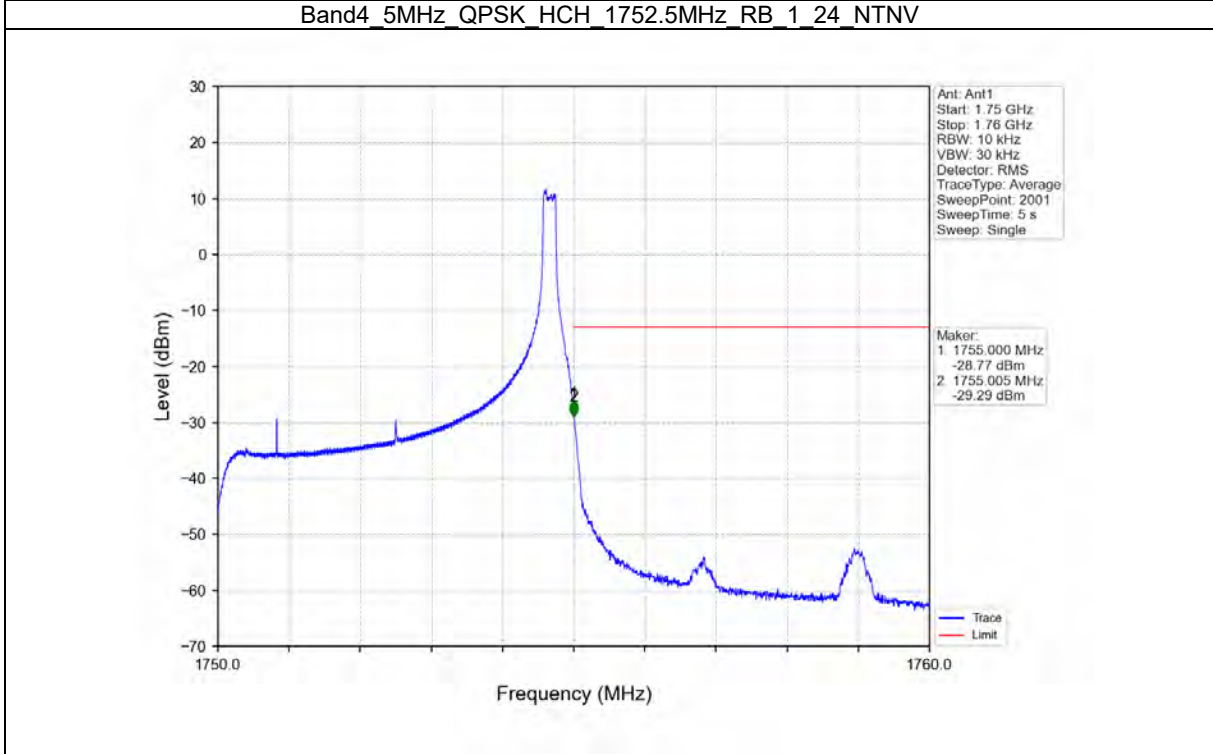
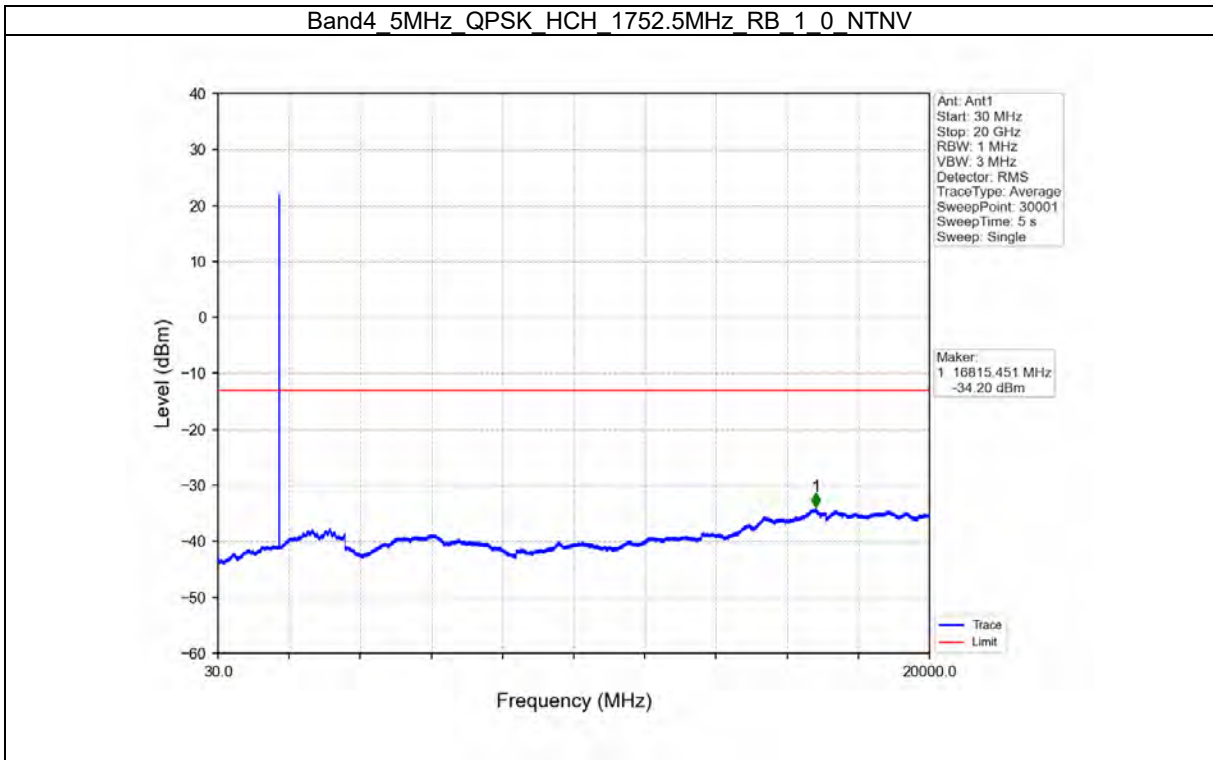
**B4\_5MHZ TEST RESULT**

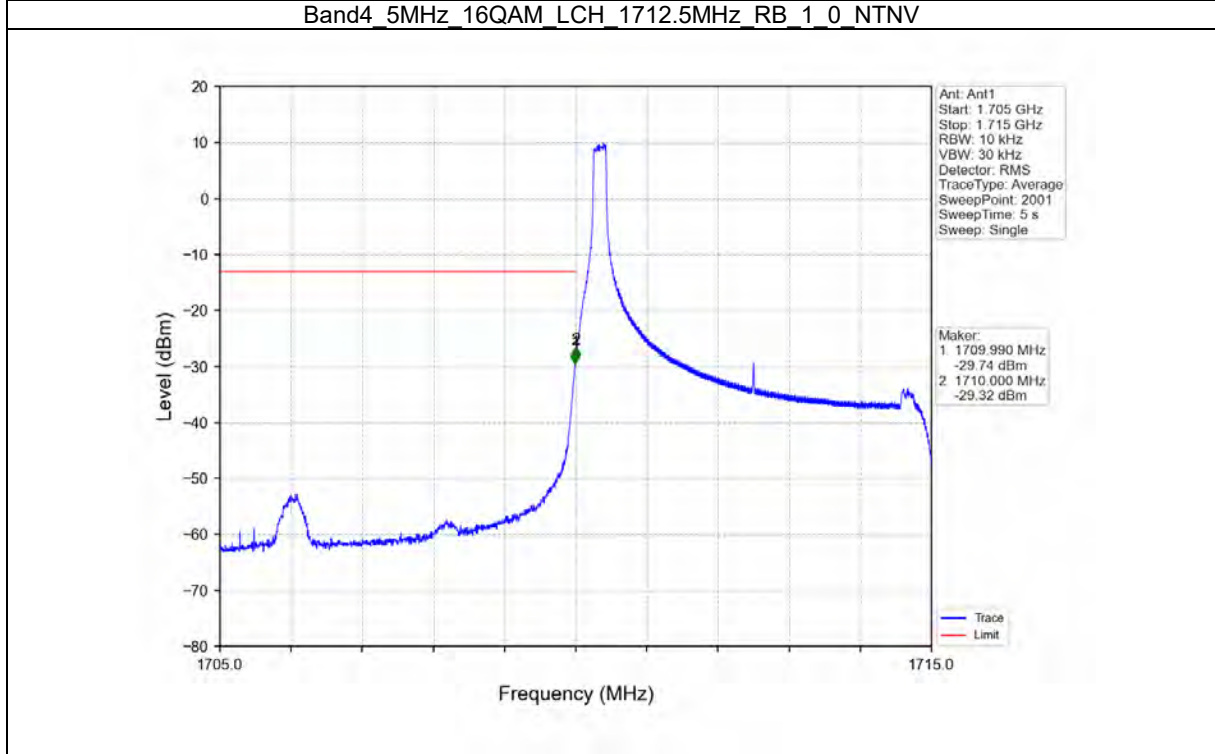
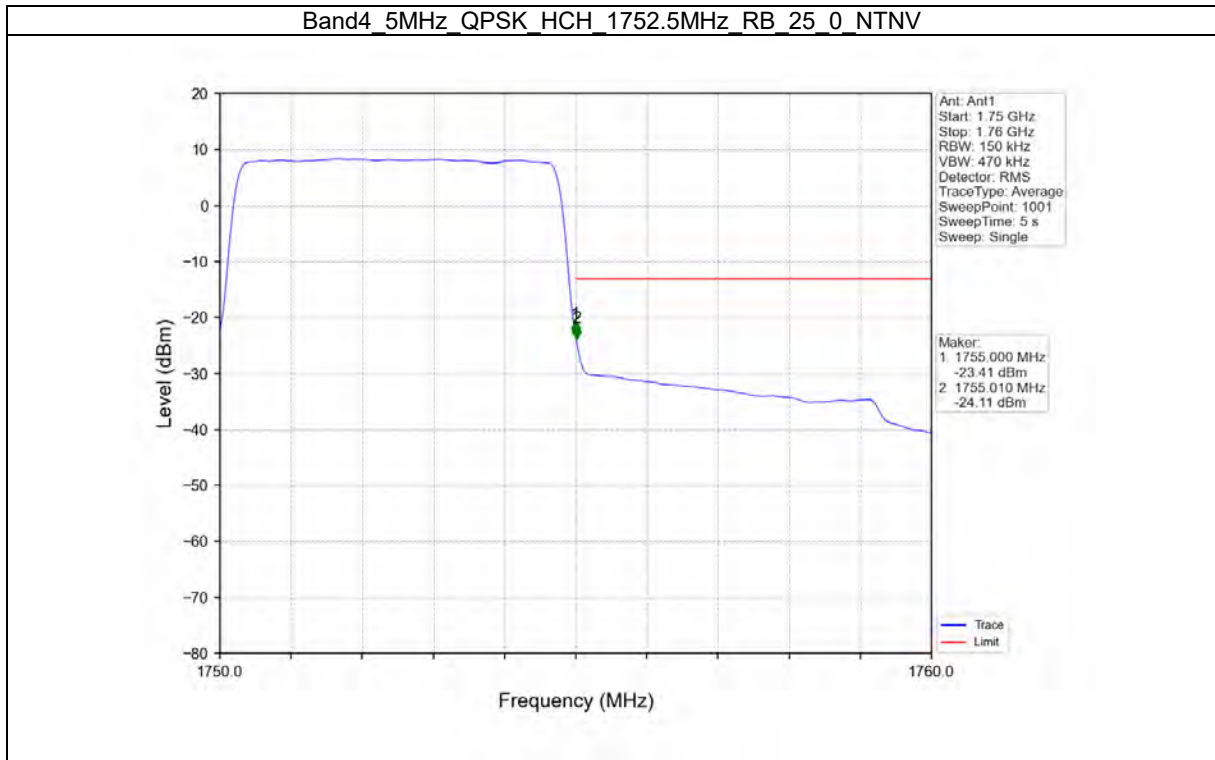
Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test 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		

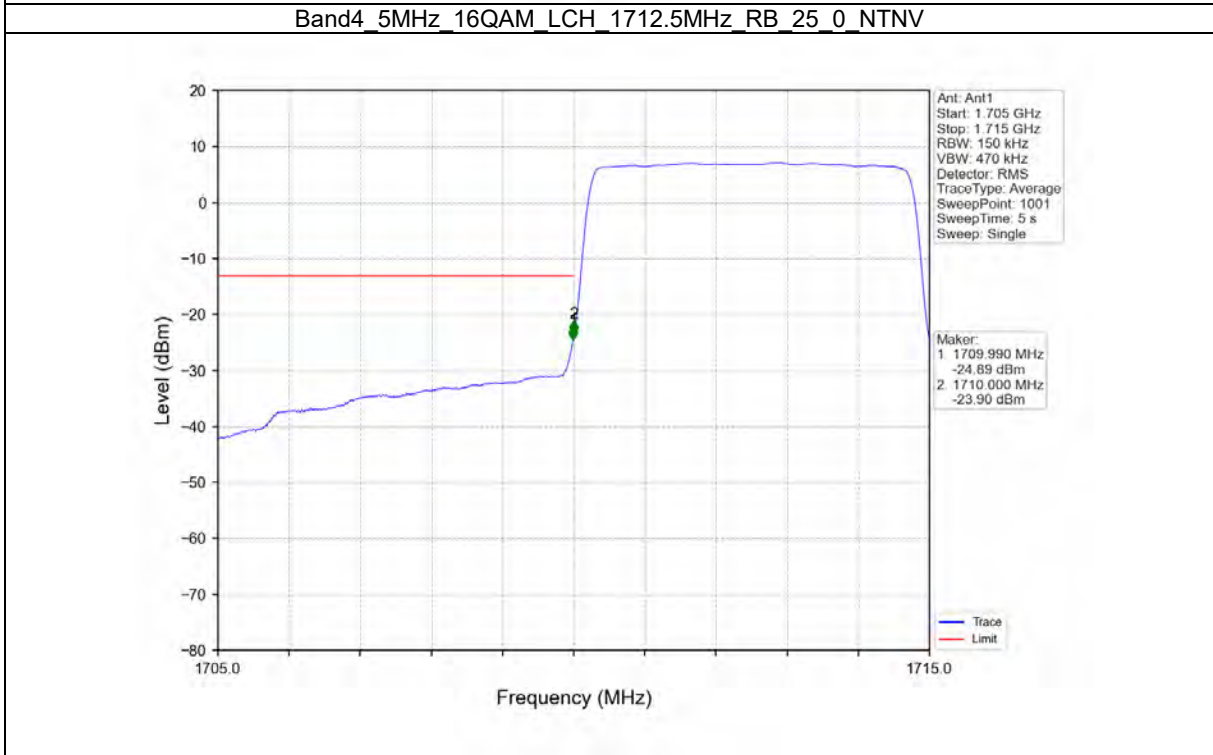
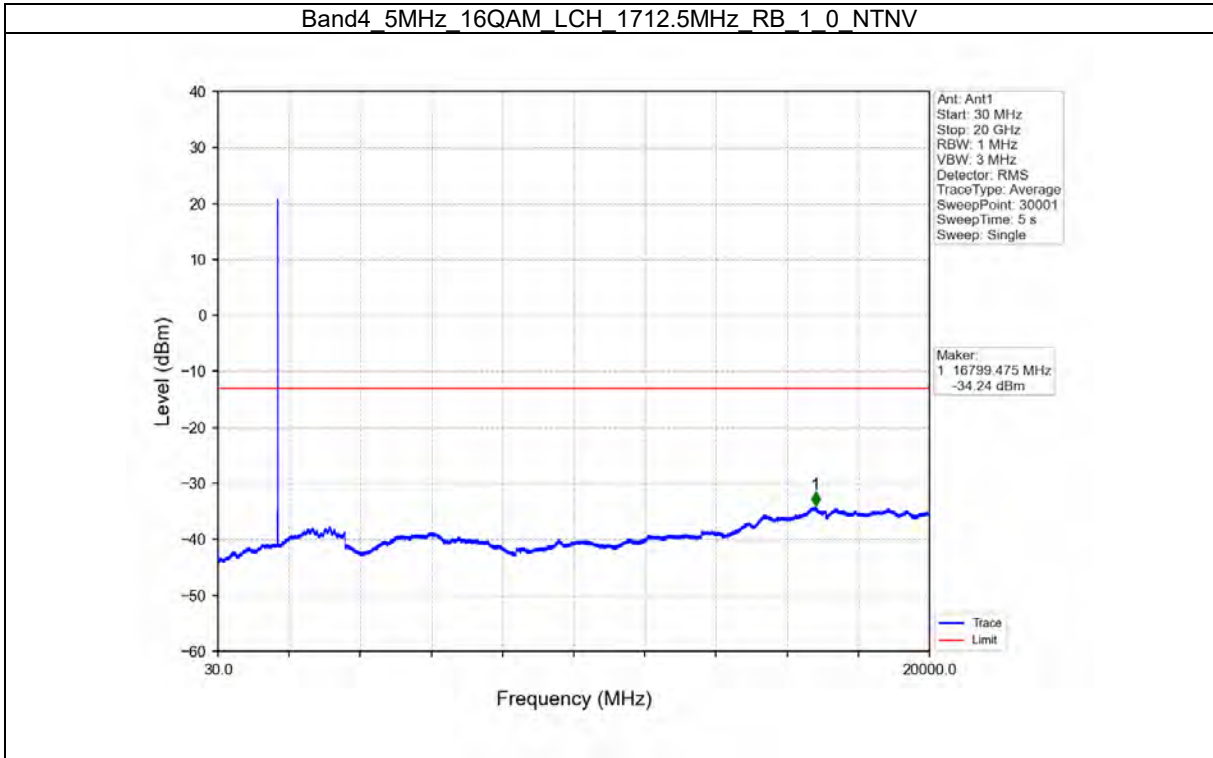
**TEST GRAPH**

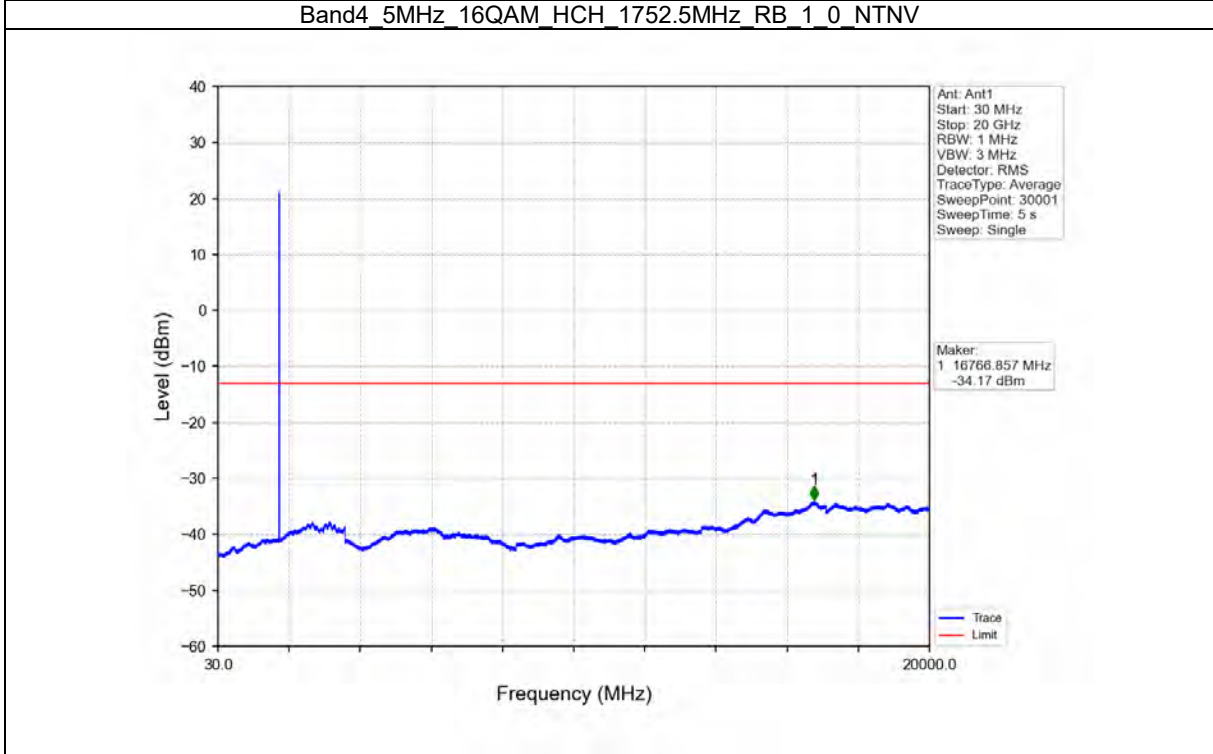
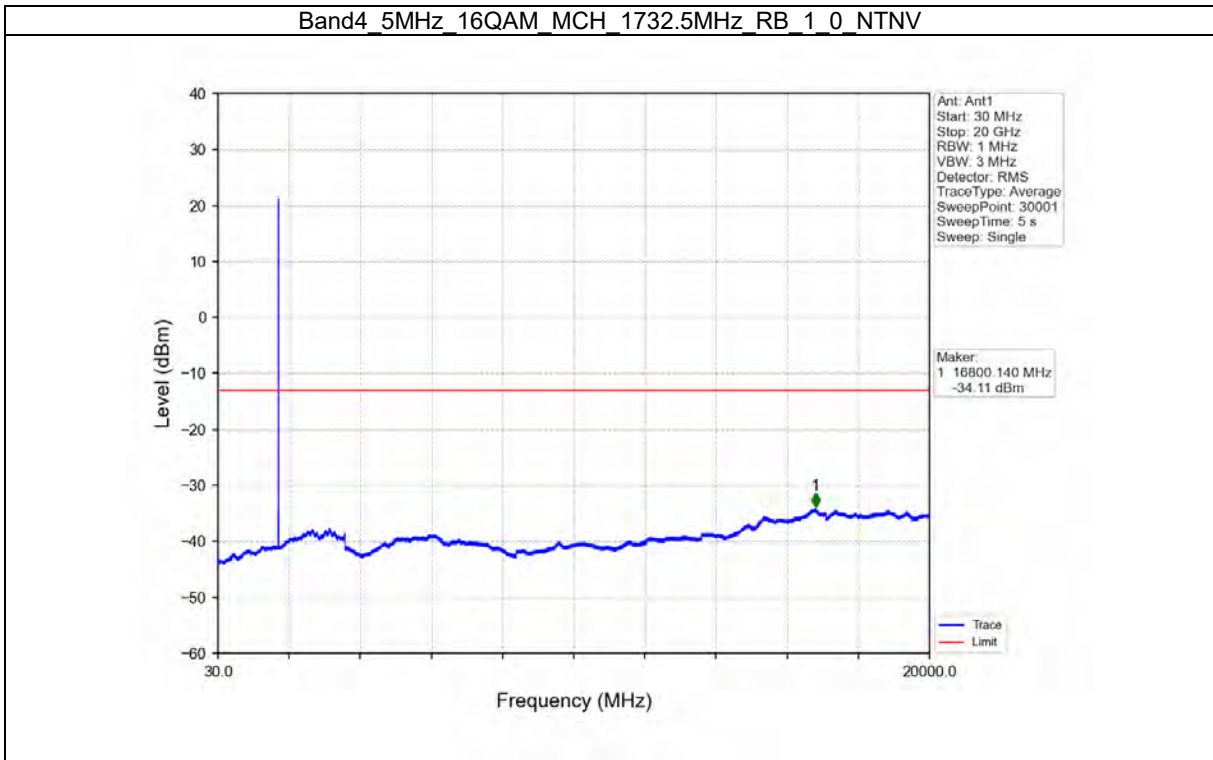




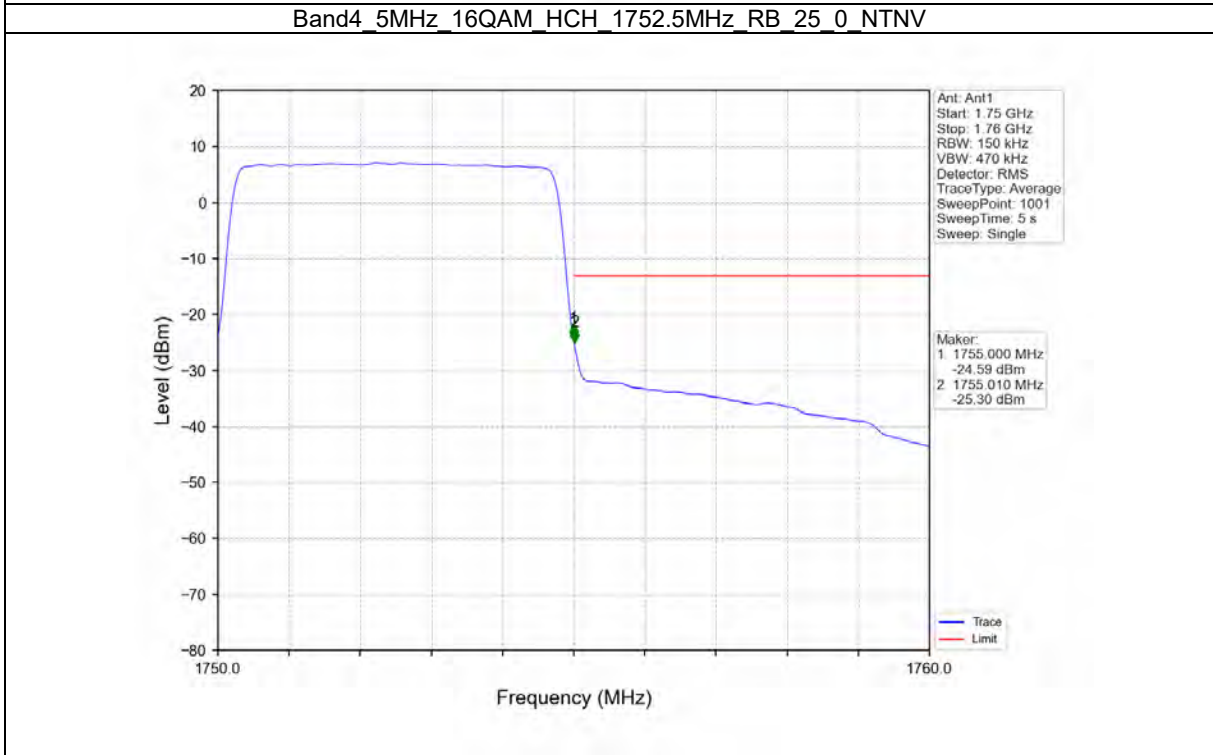
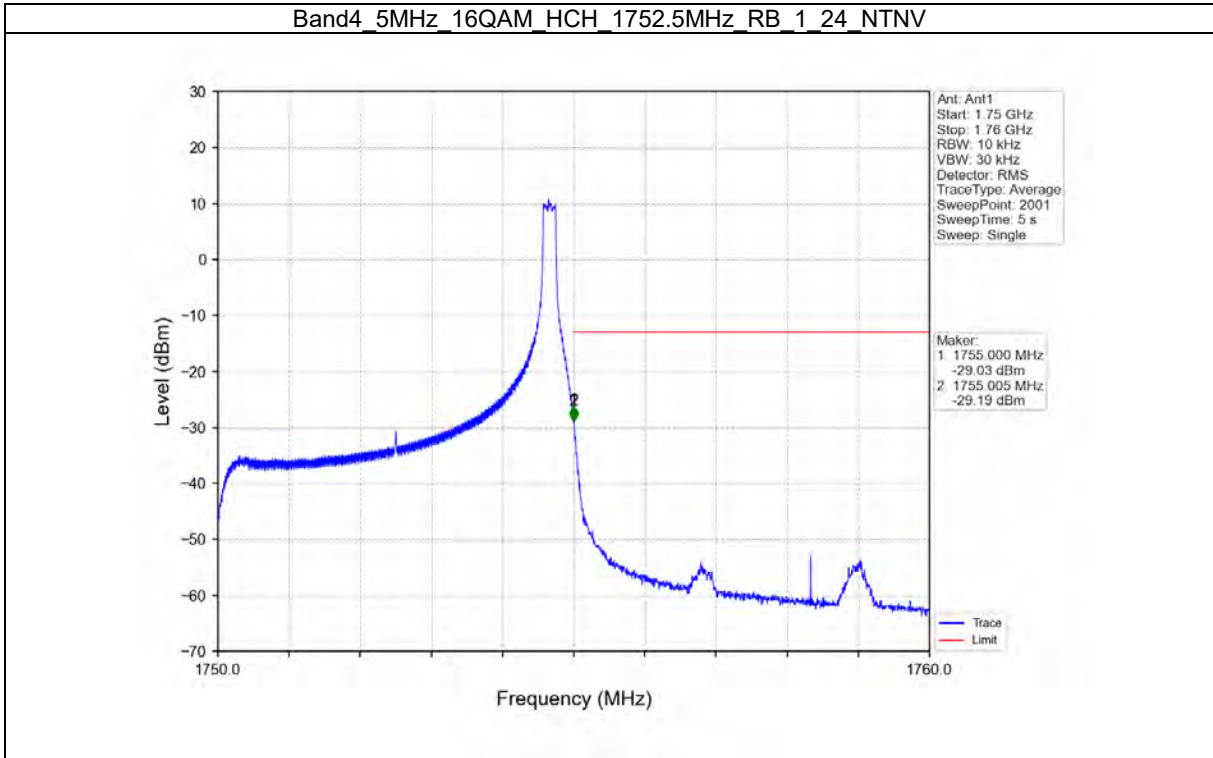


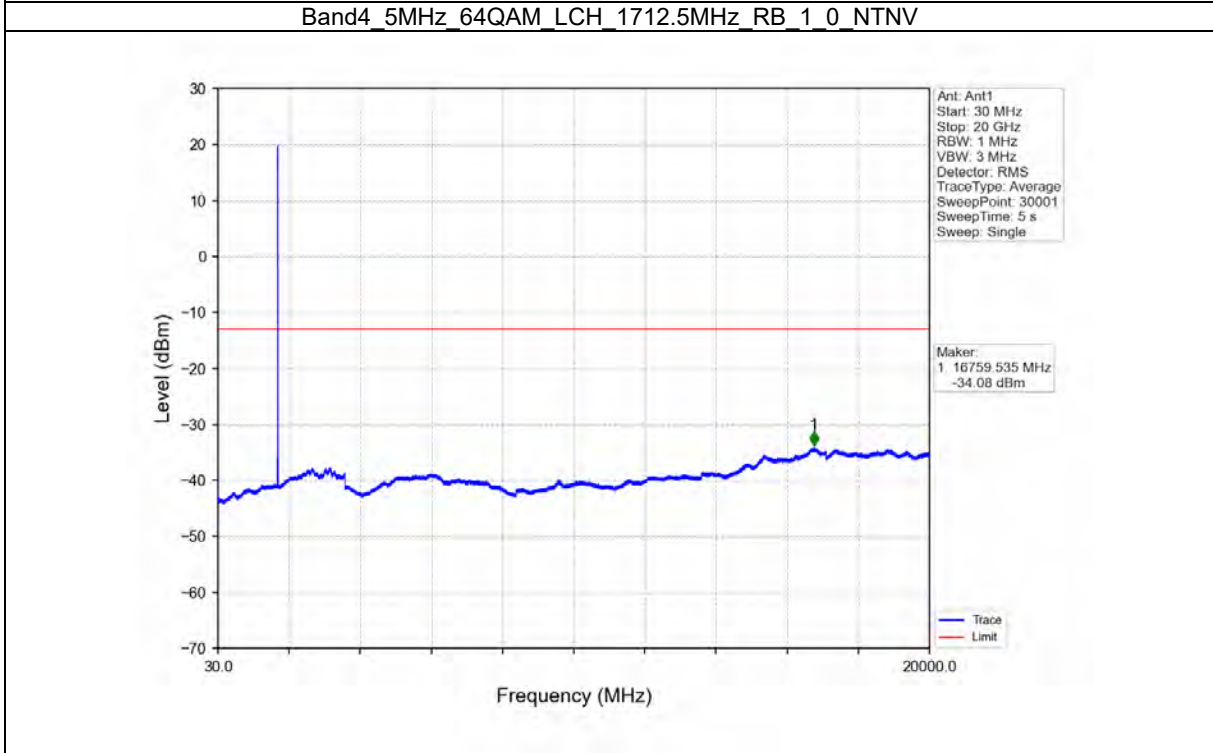
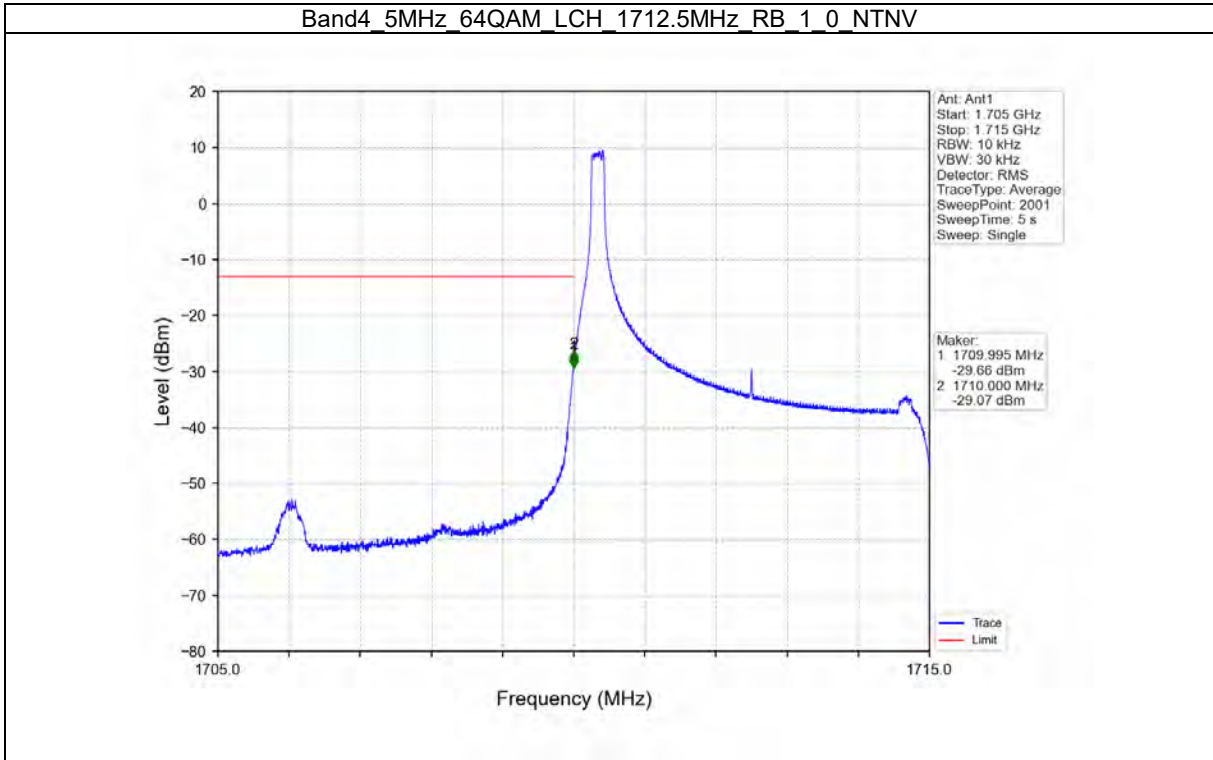


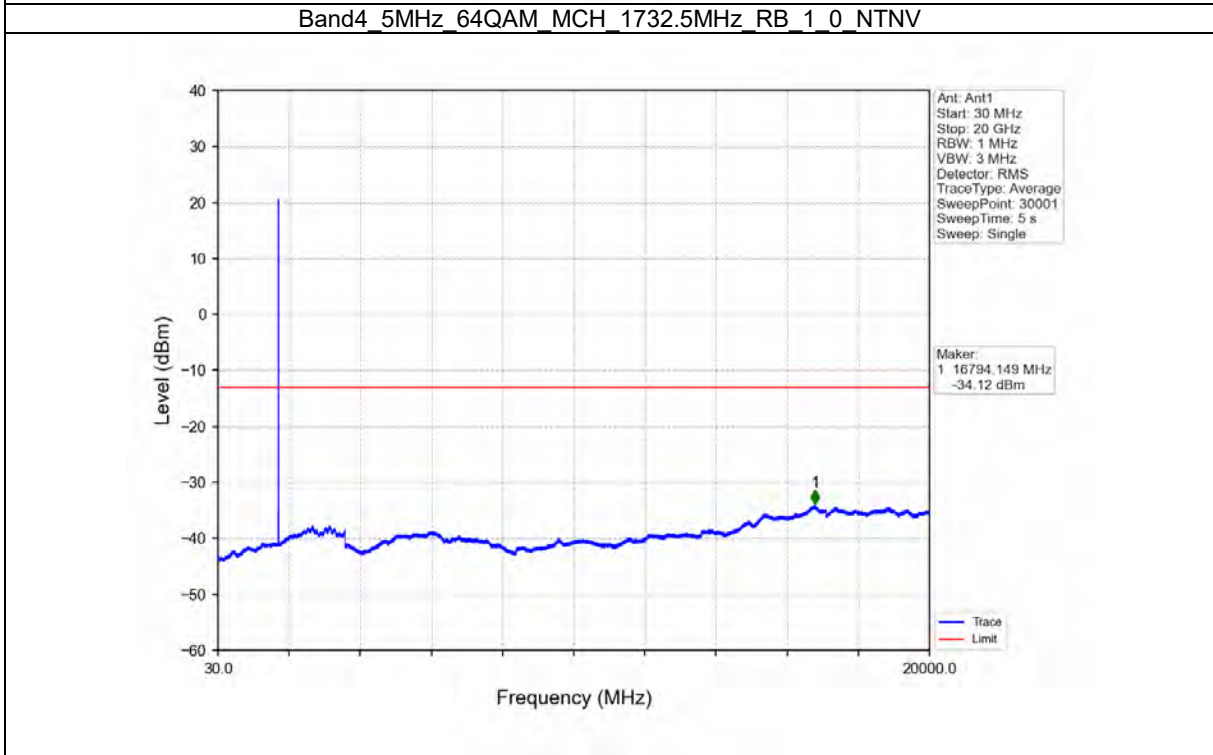
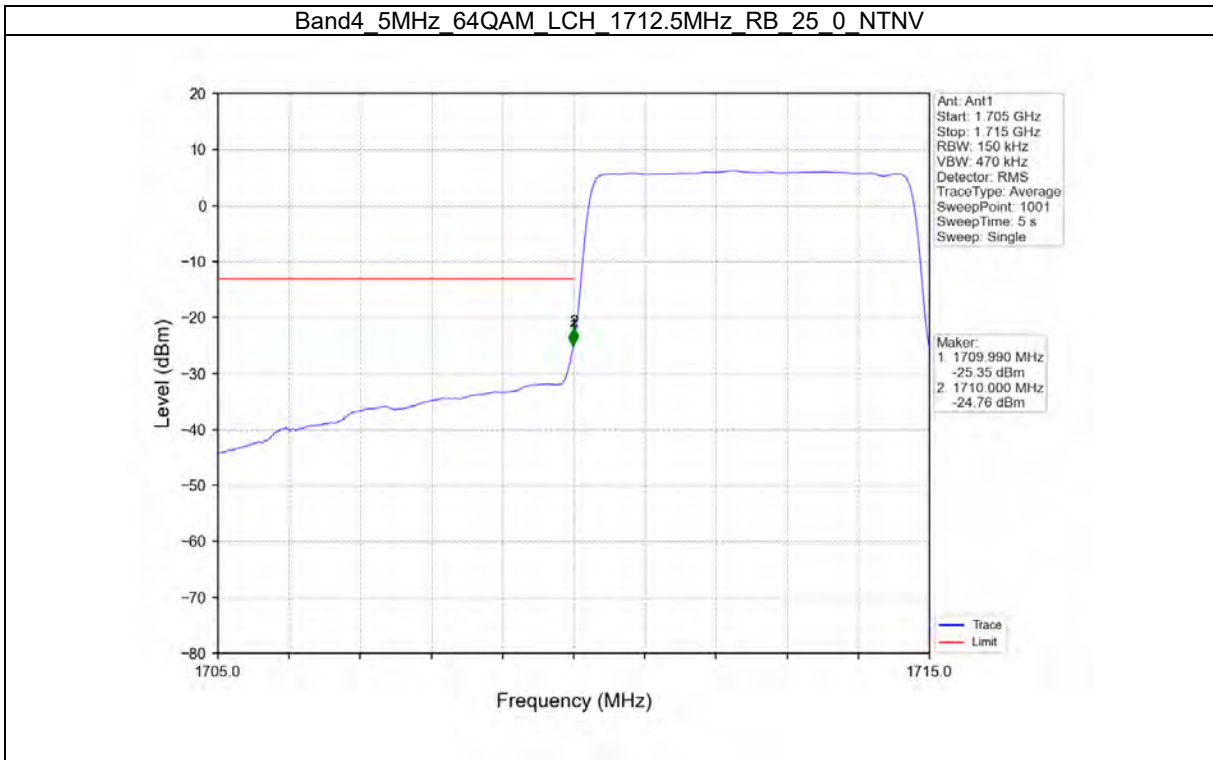


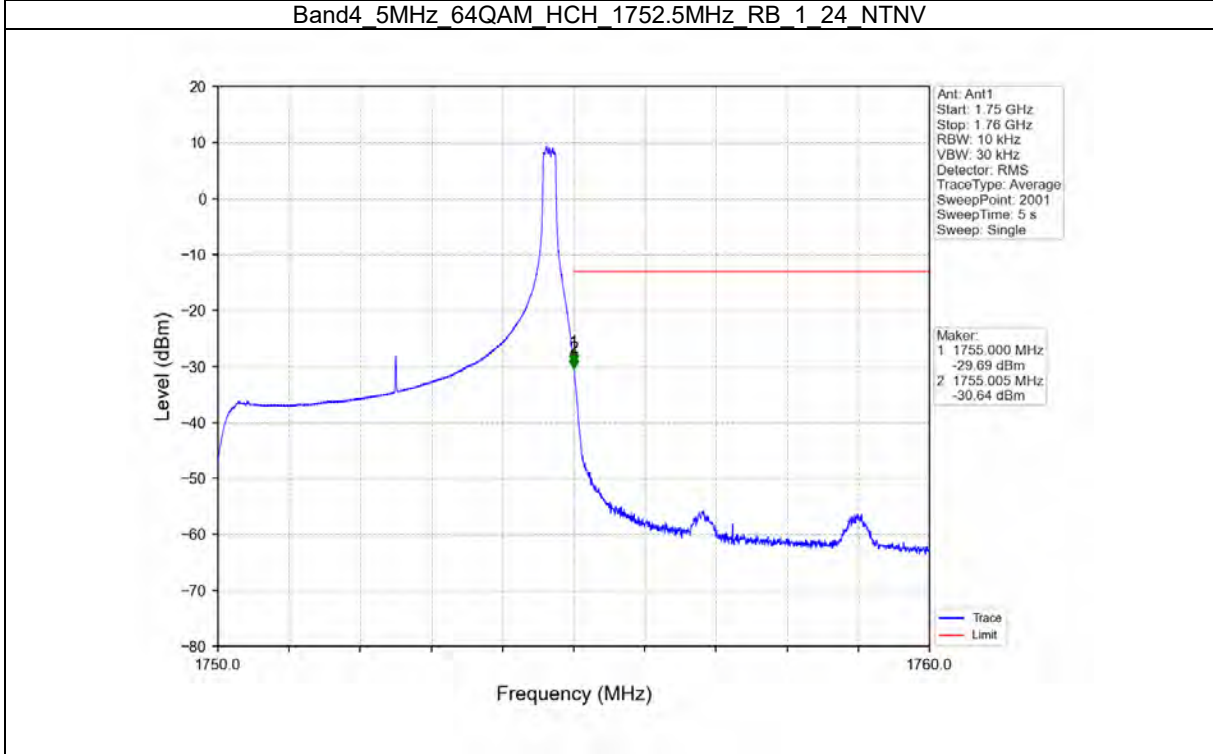
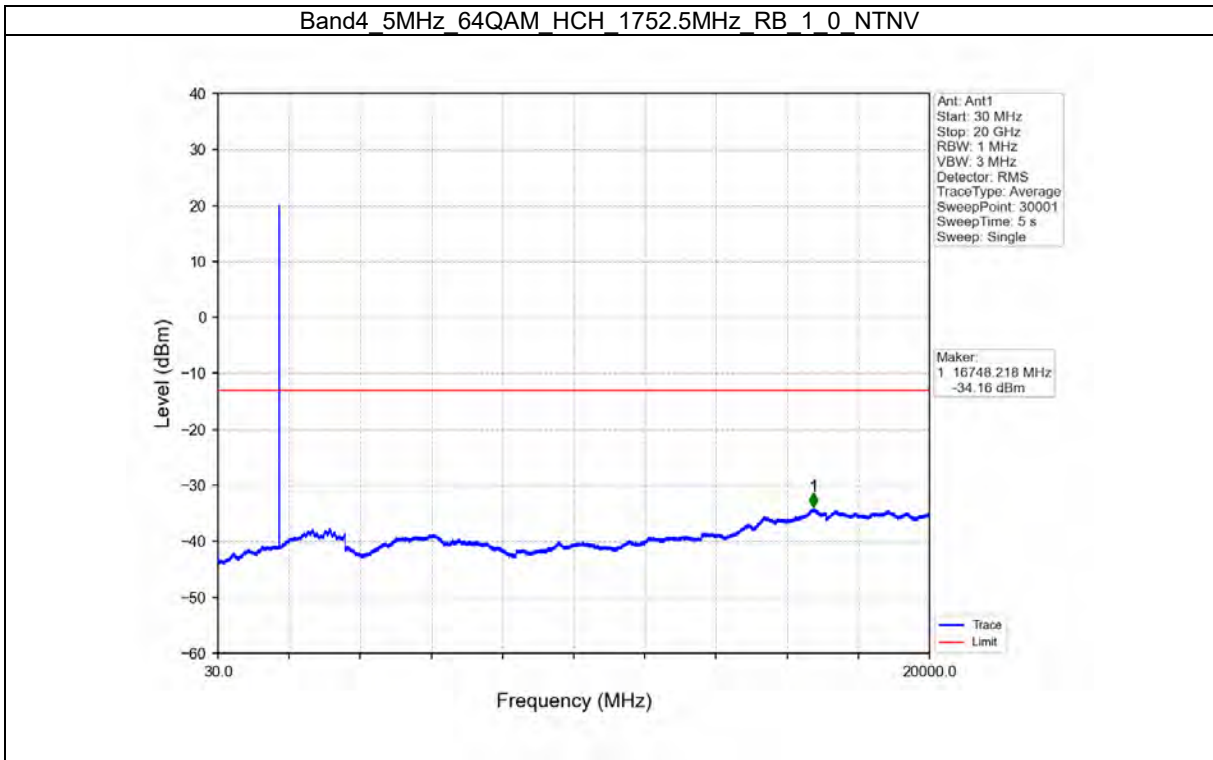






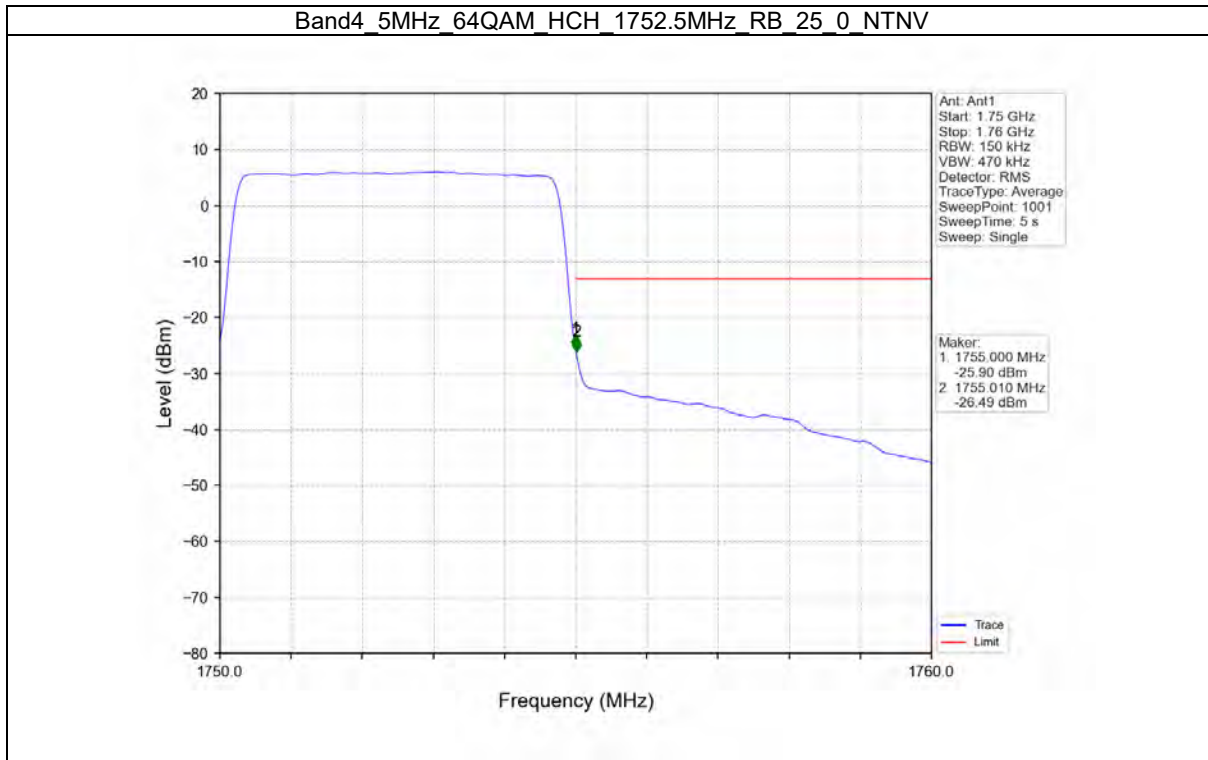








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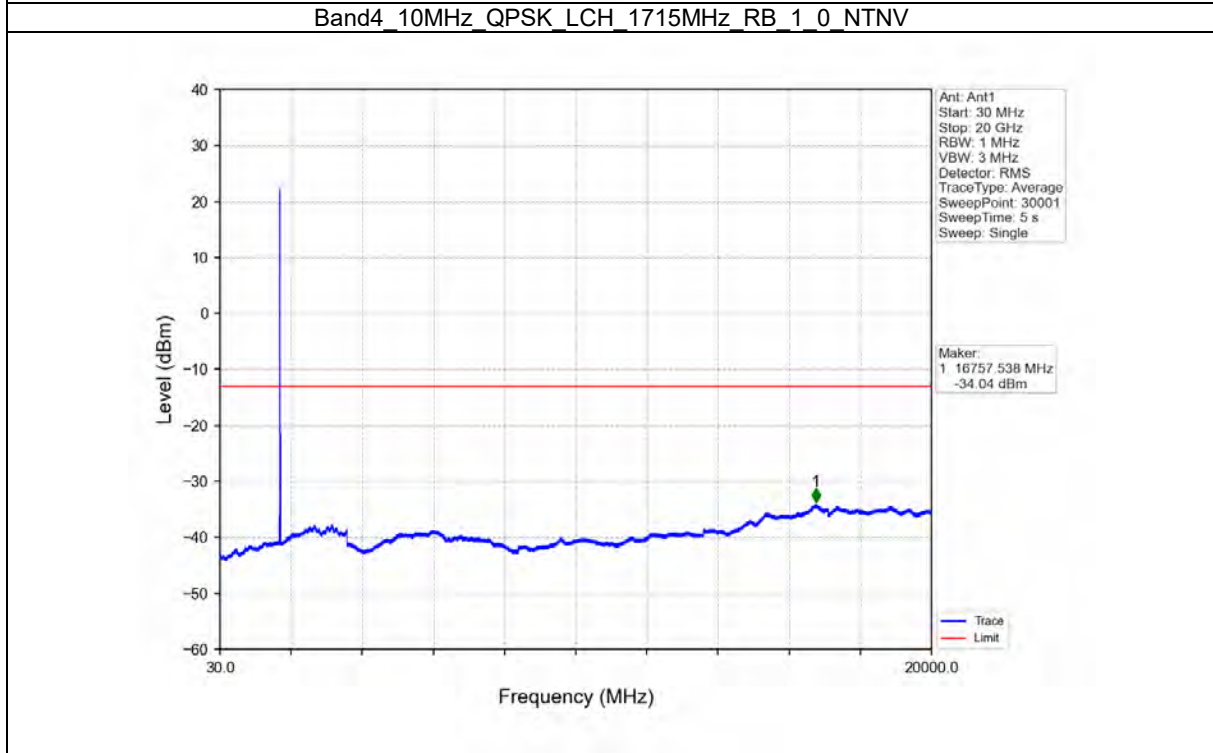
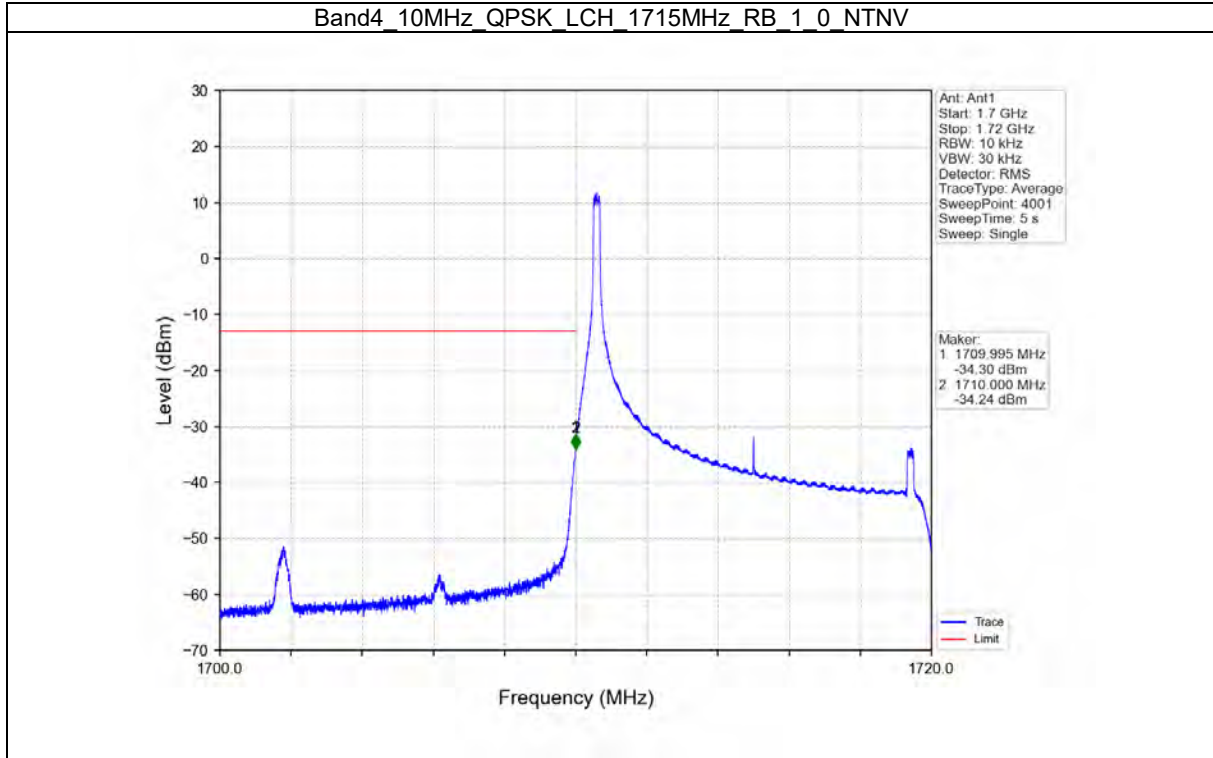


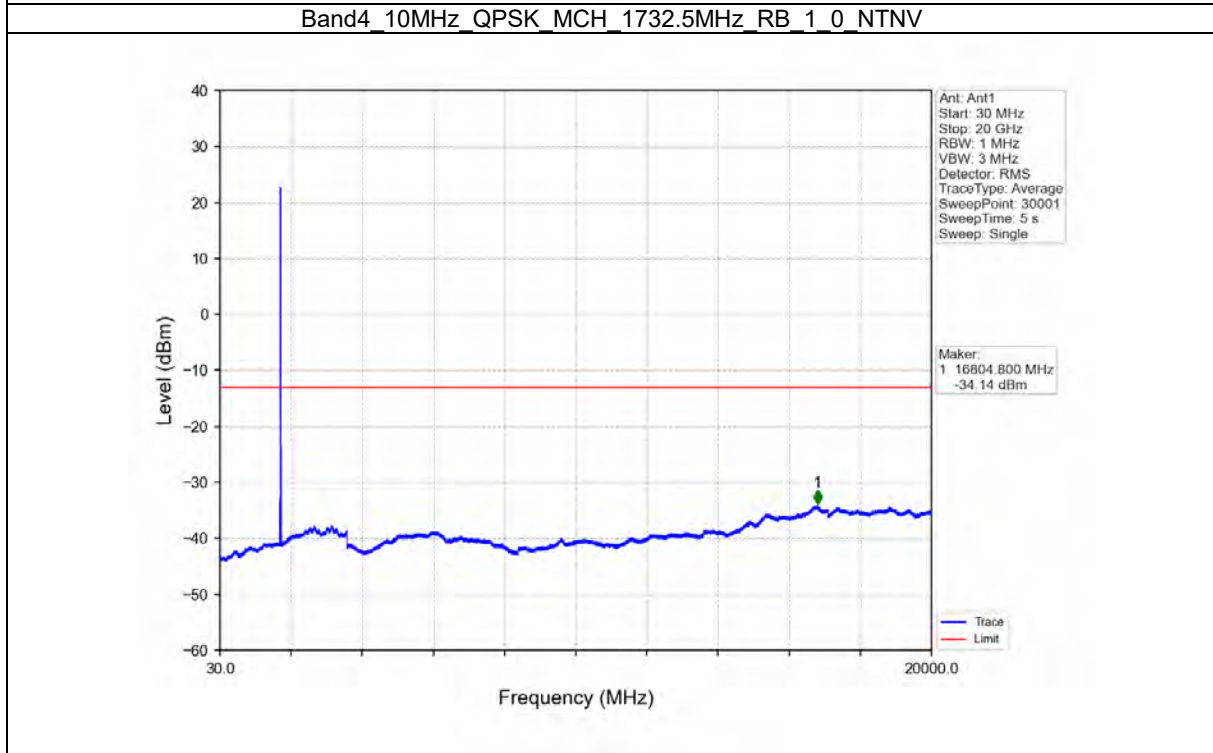
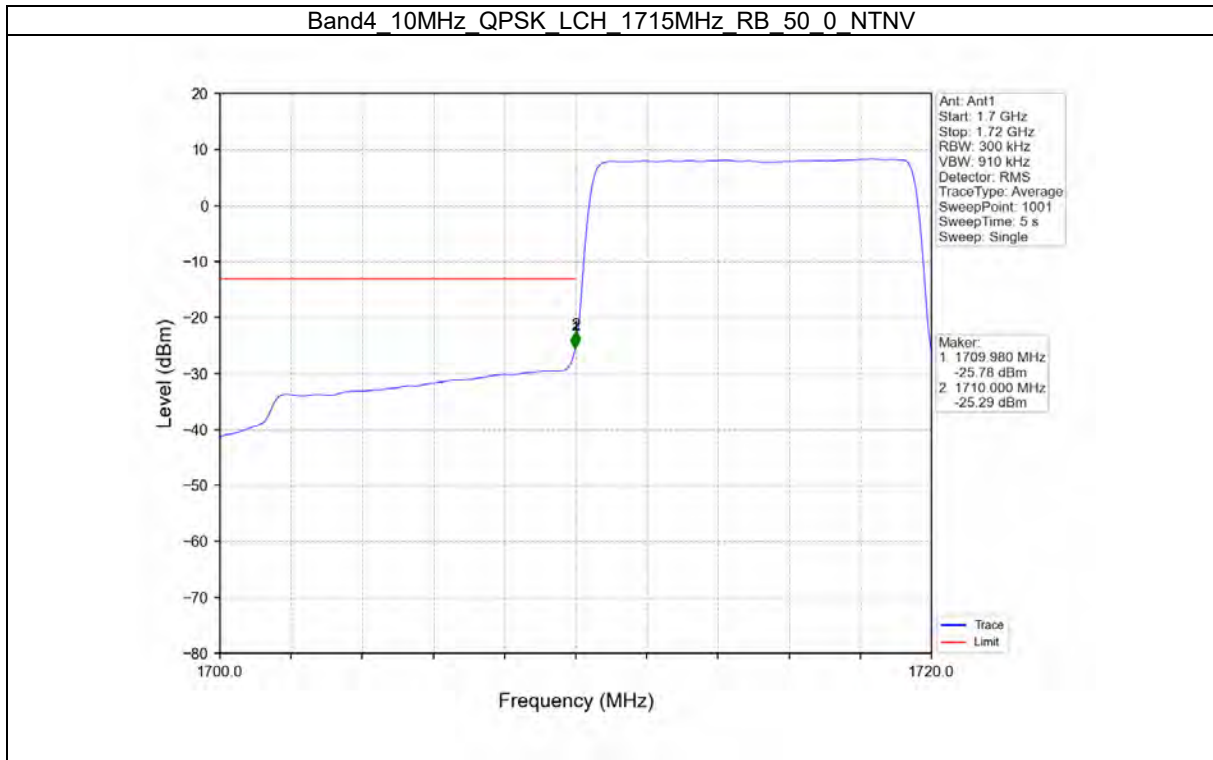
Test Report No.: W7L-P22090015-5RF06

### B4\_10MHZ TEST RESULT

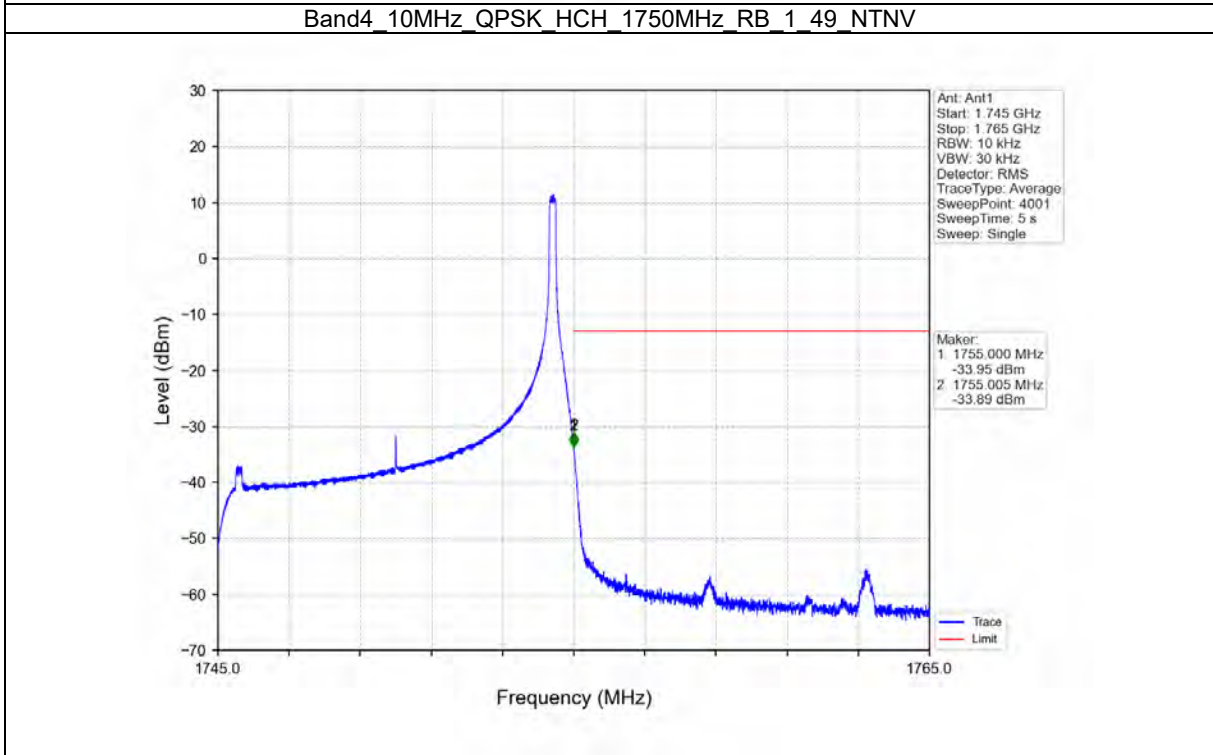
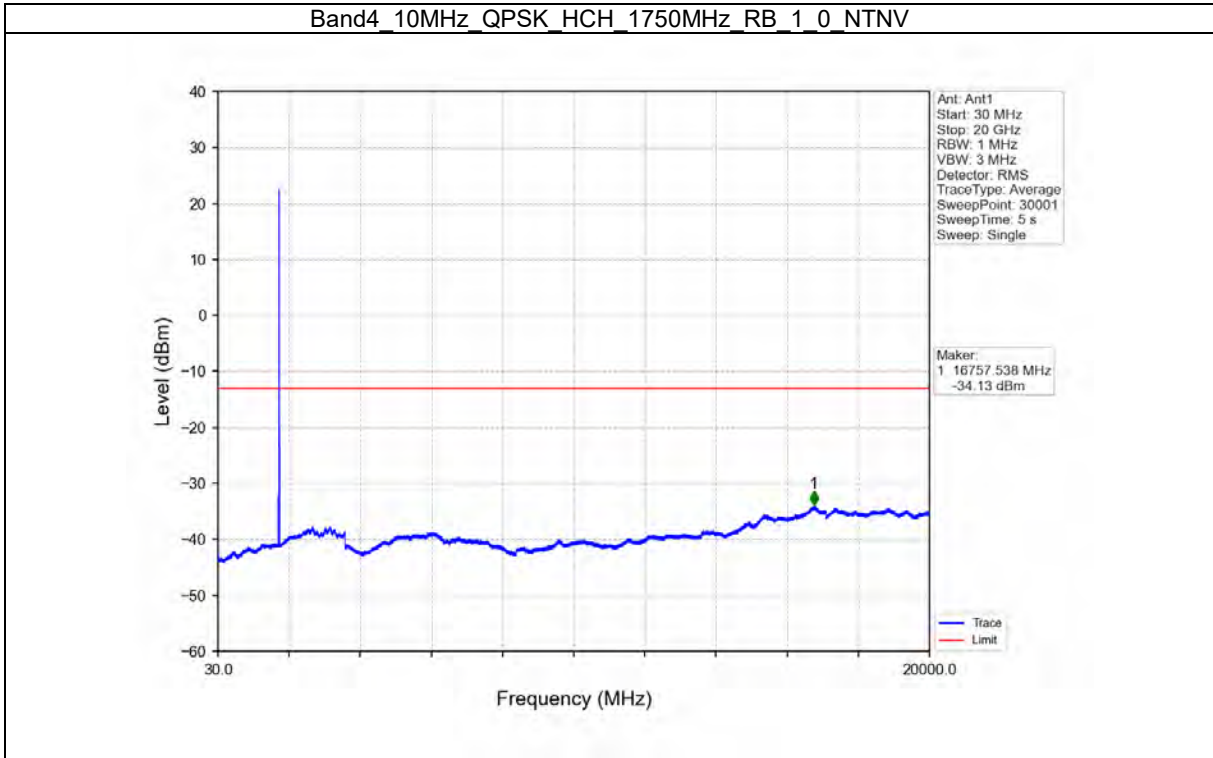
Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1750	1	0	Refer To Test Graph	
				49	Refer To Test Graph	
			50	0	Refer To Test Graph	
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	
				49	Refer To Test Graph	
			50	0	Refer To Test Graph	
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	
				49	Refer To Test Graph	
			50	0	Refer To Test Graph	

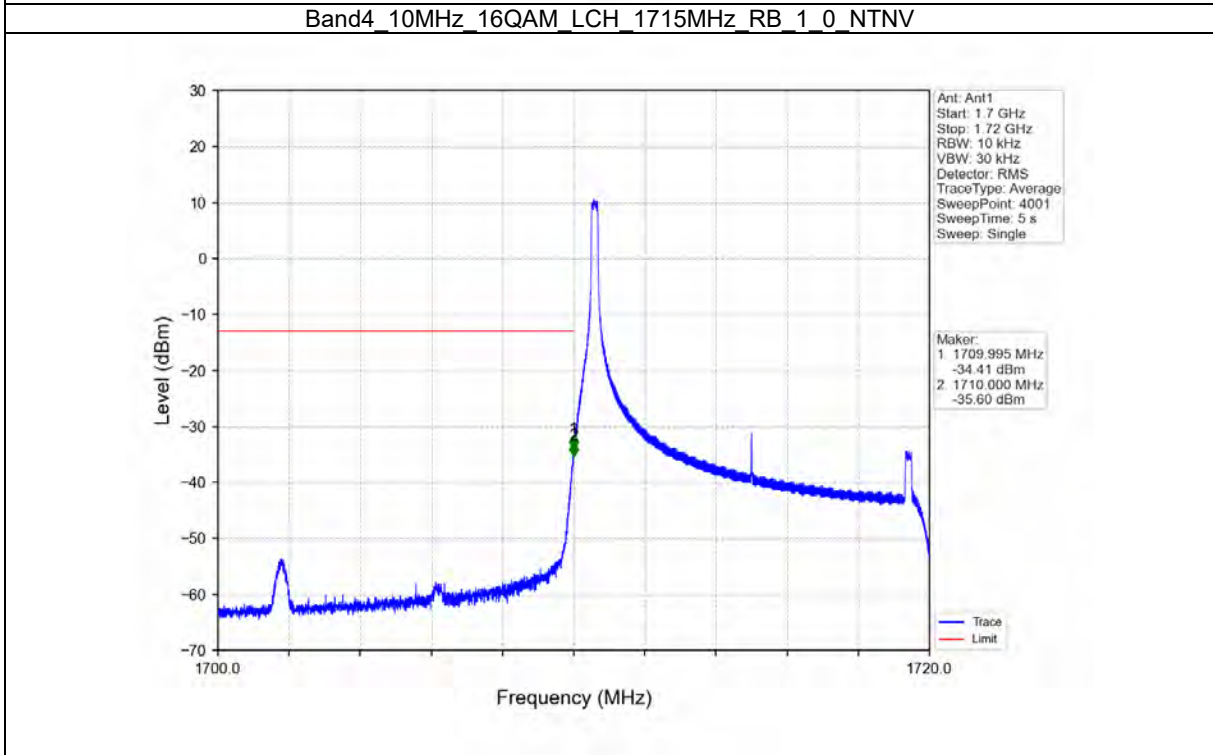
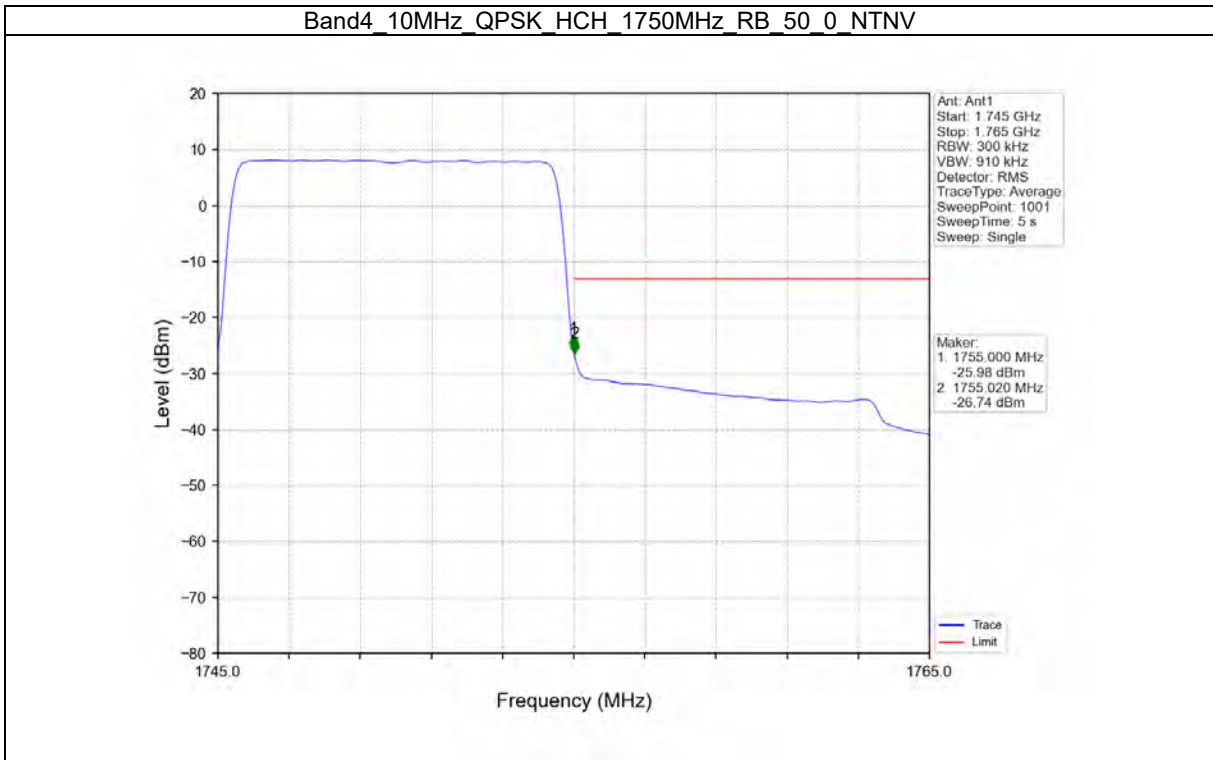
### TEST GRAPH

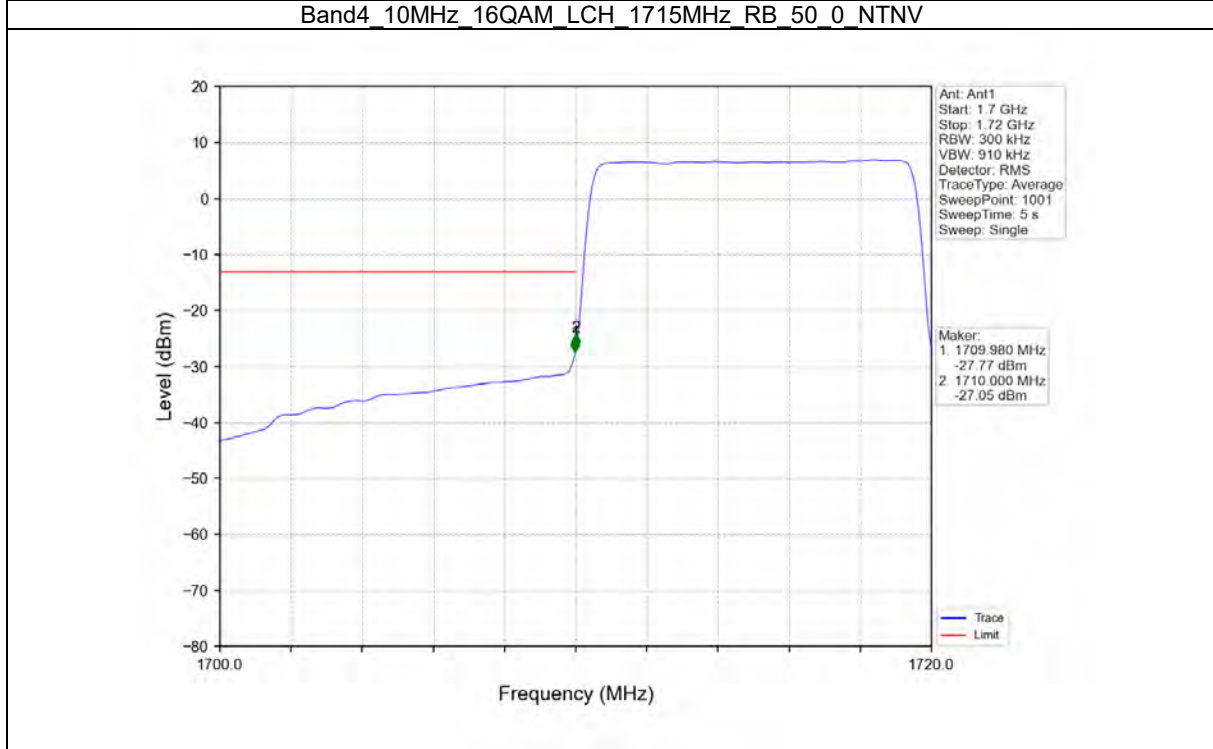
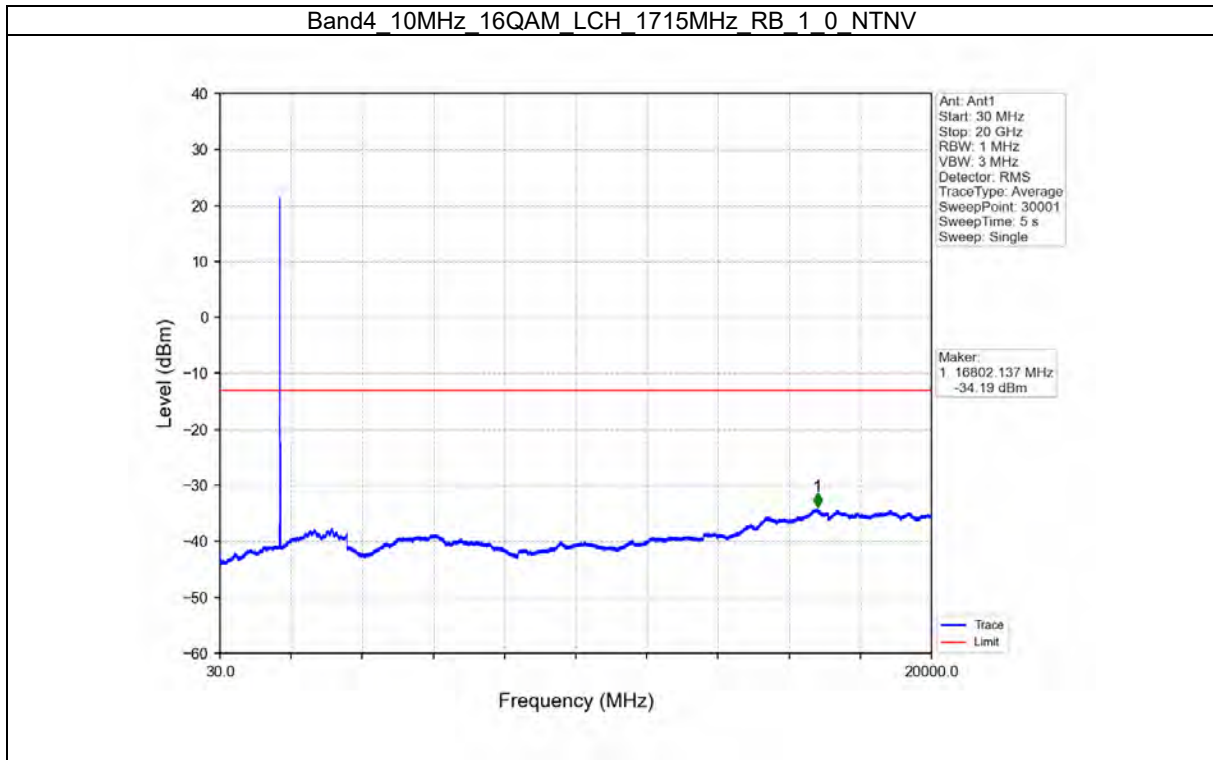


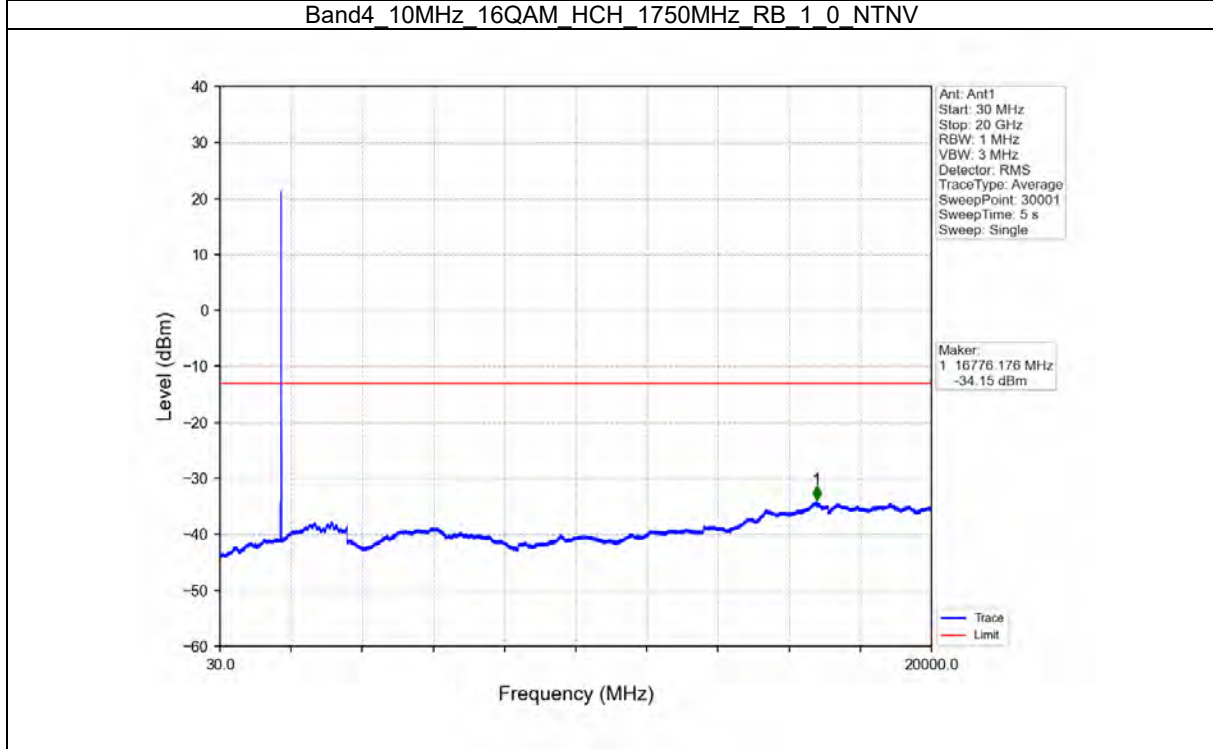
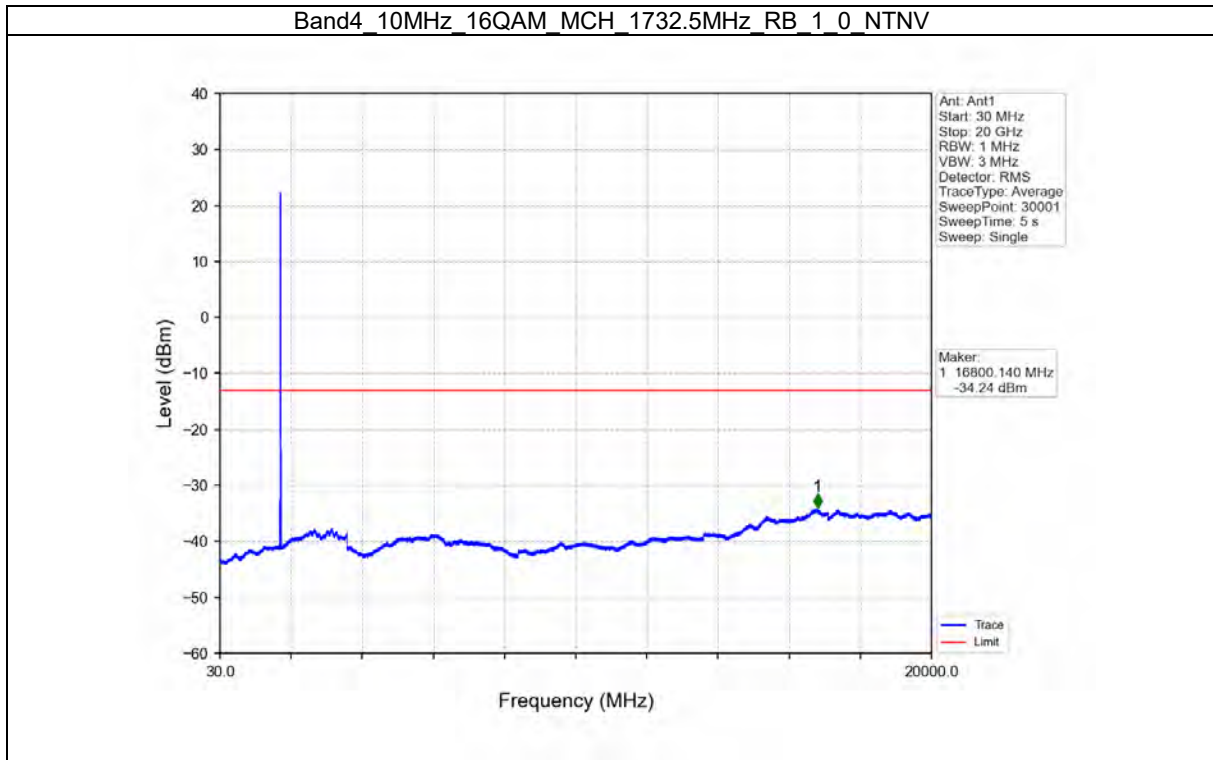


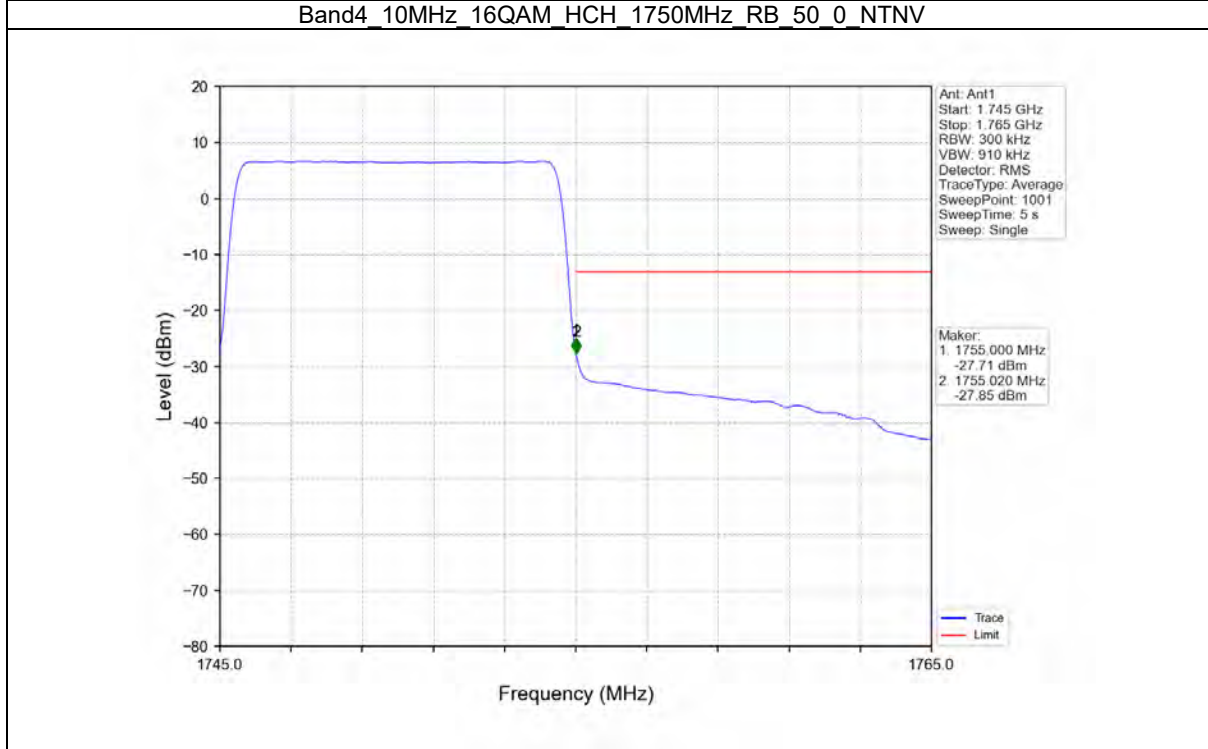
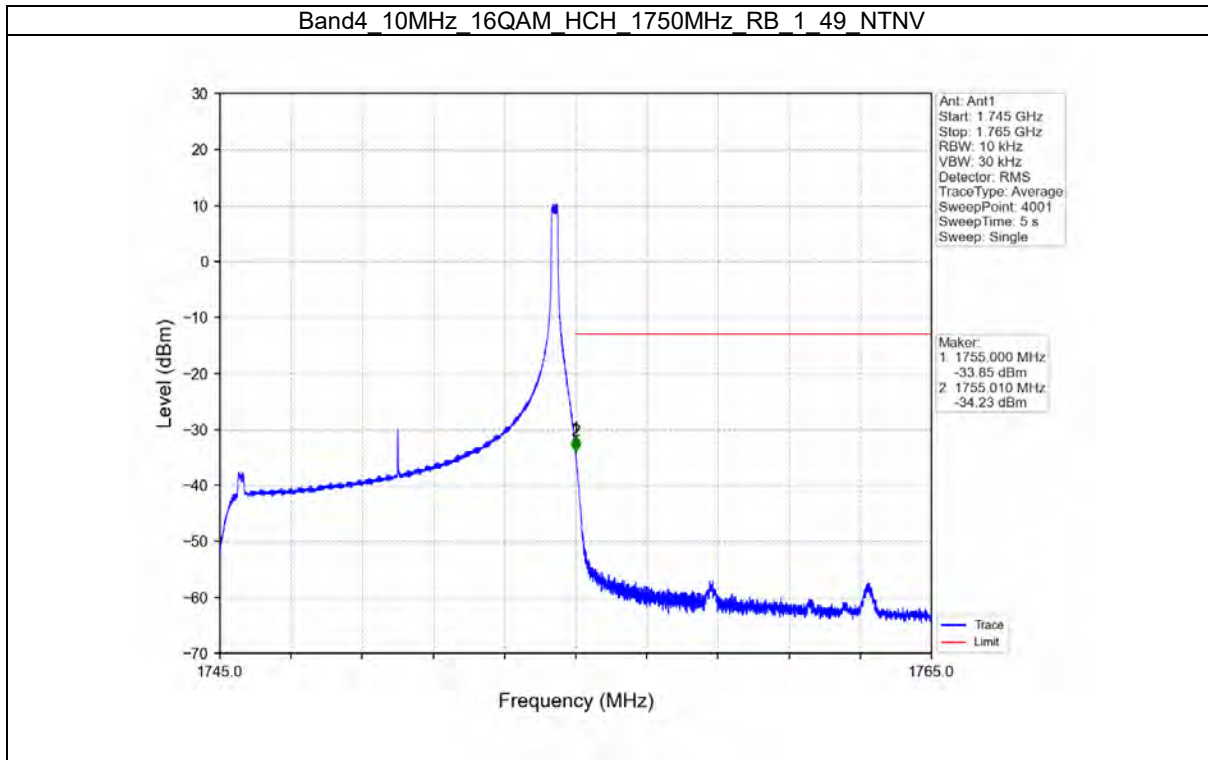


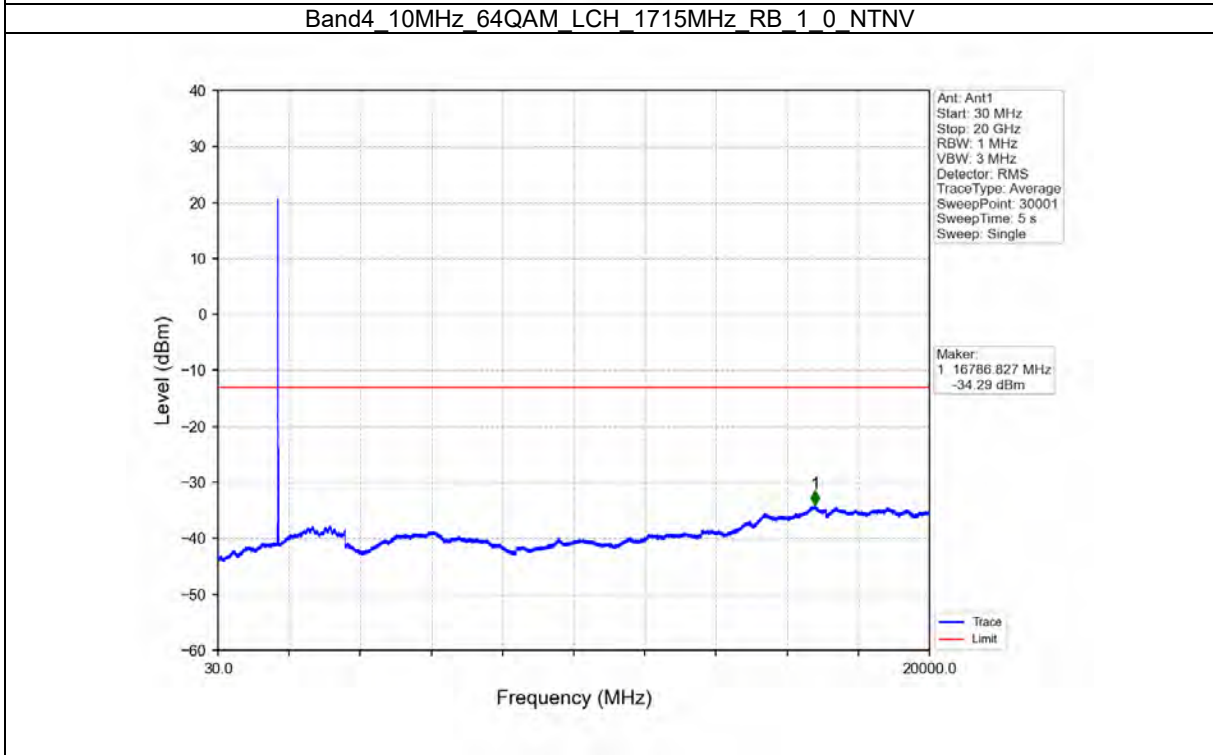
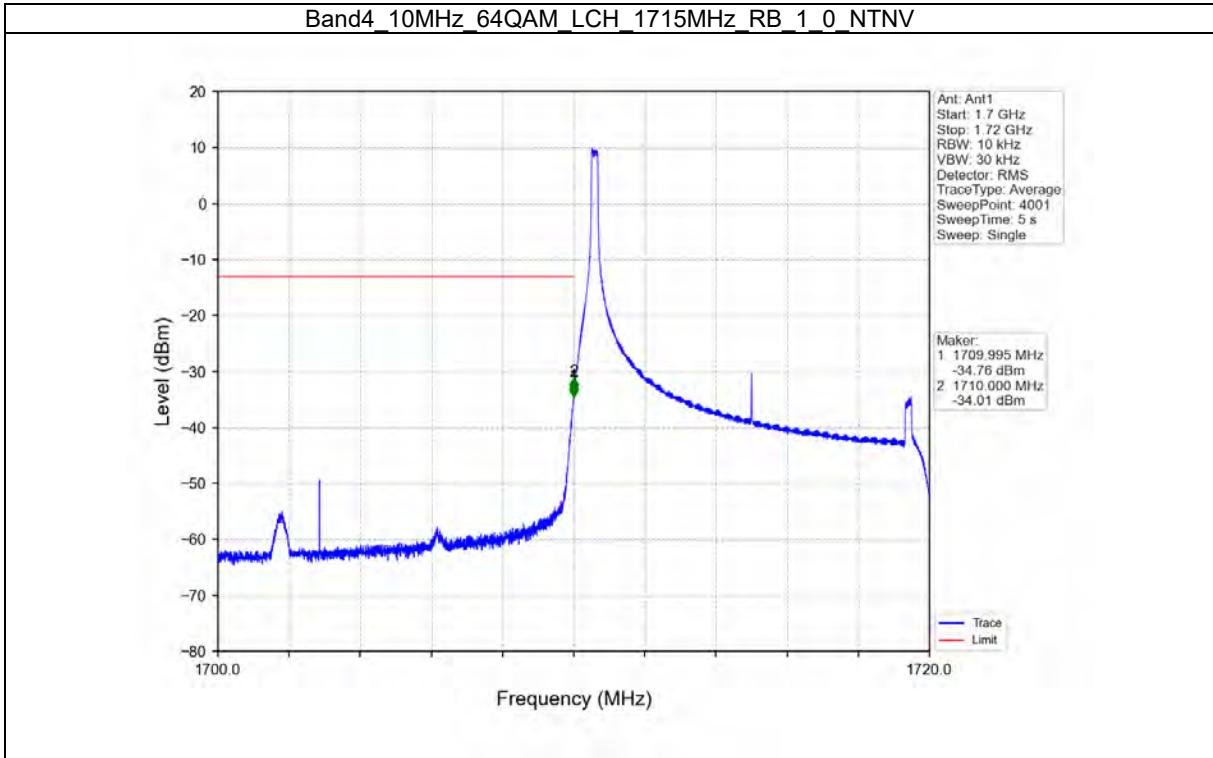


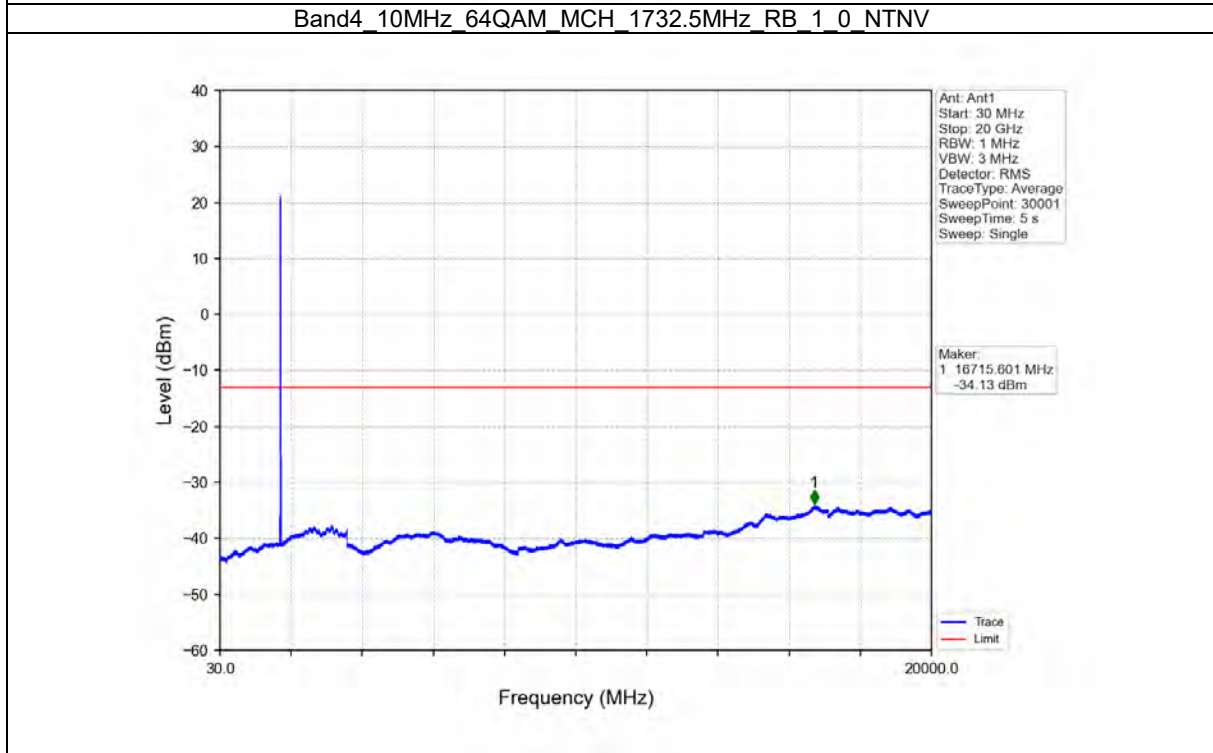
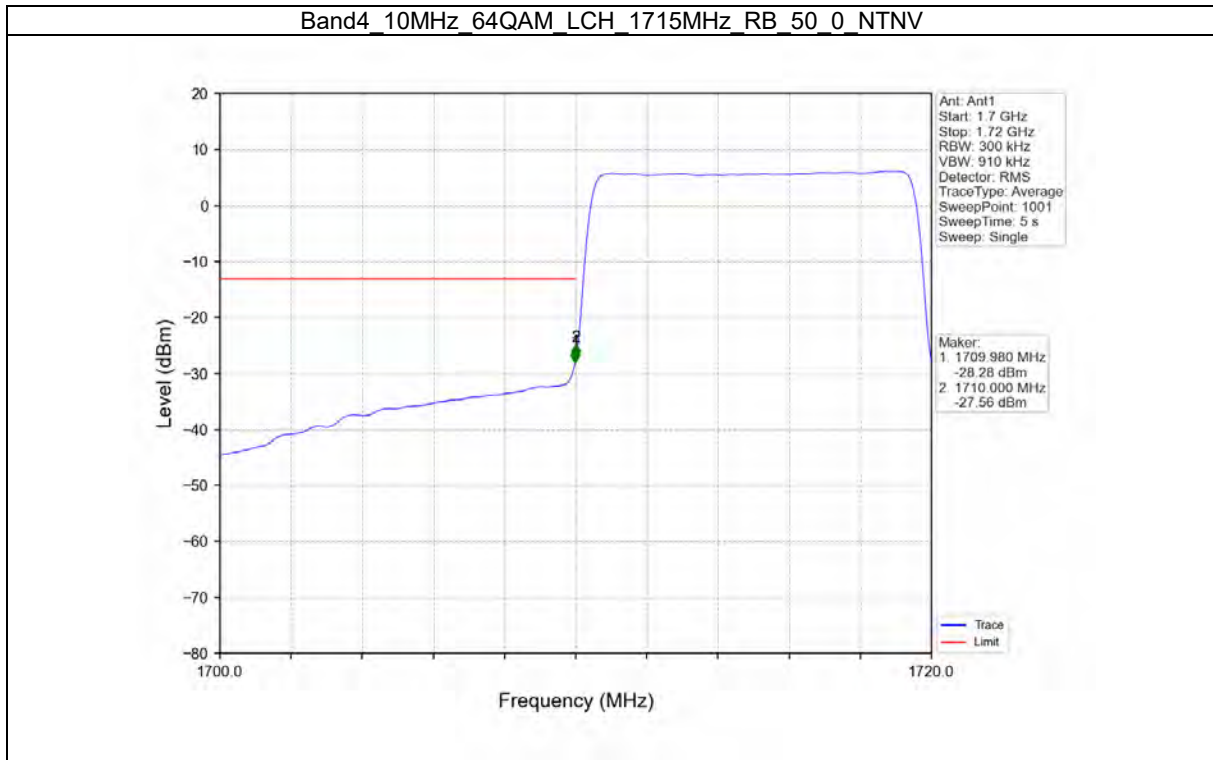


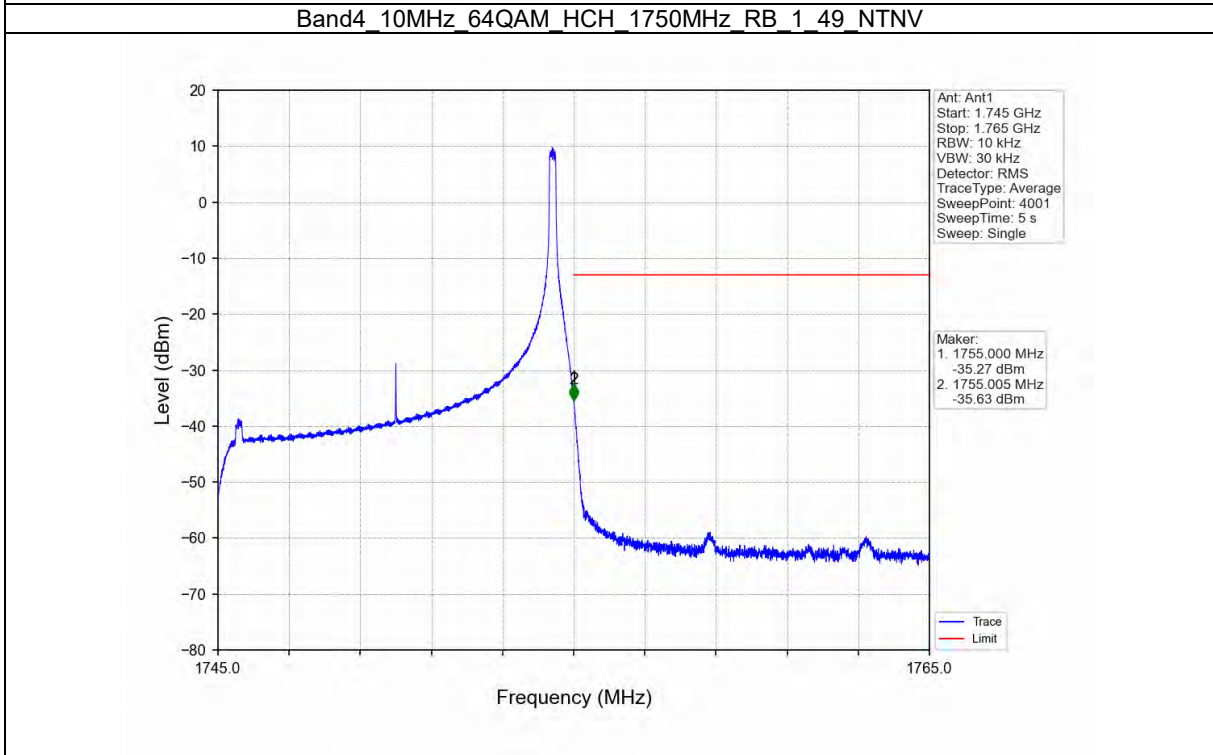
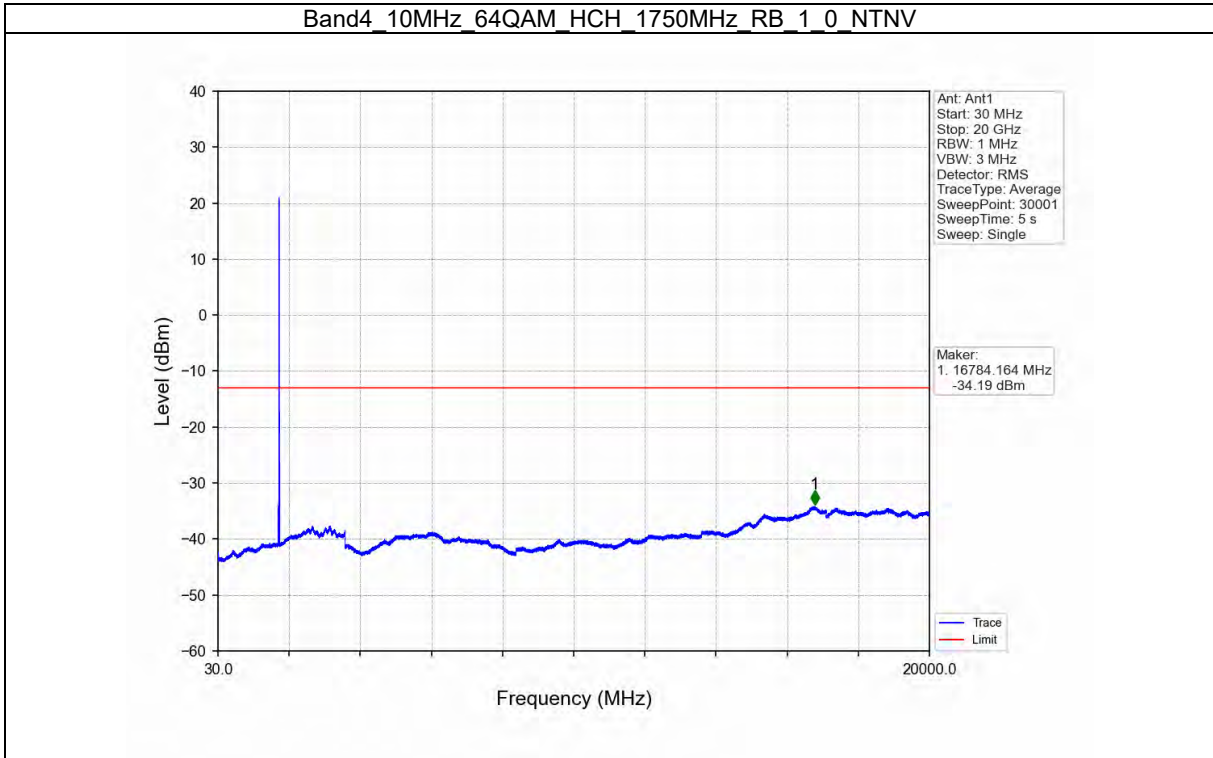








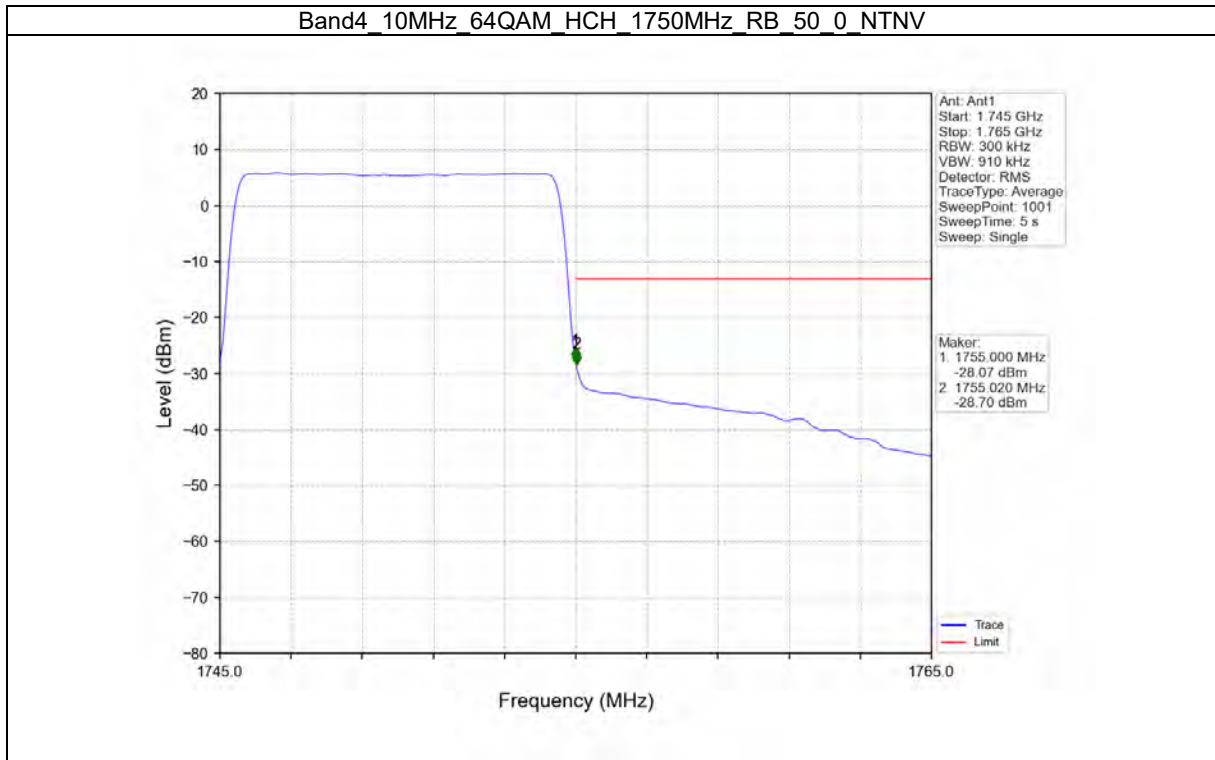








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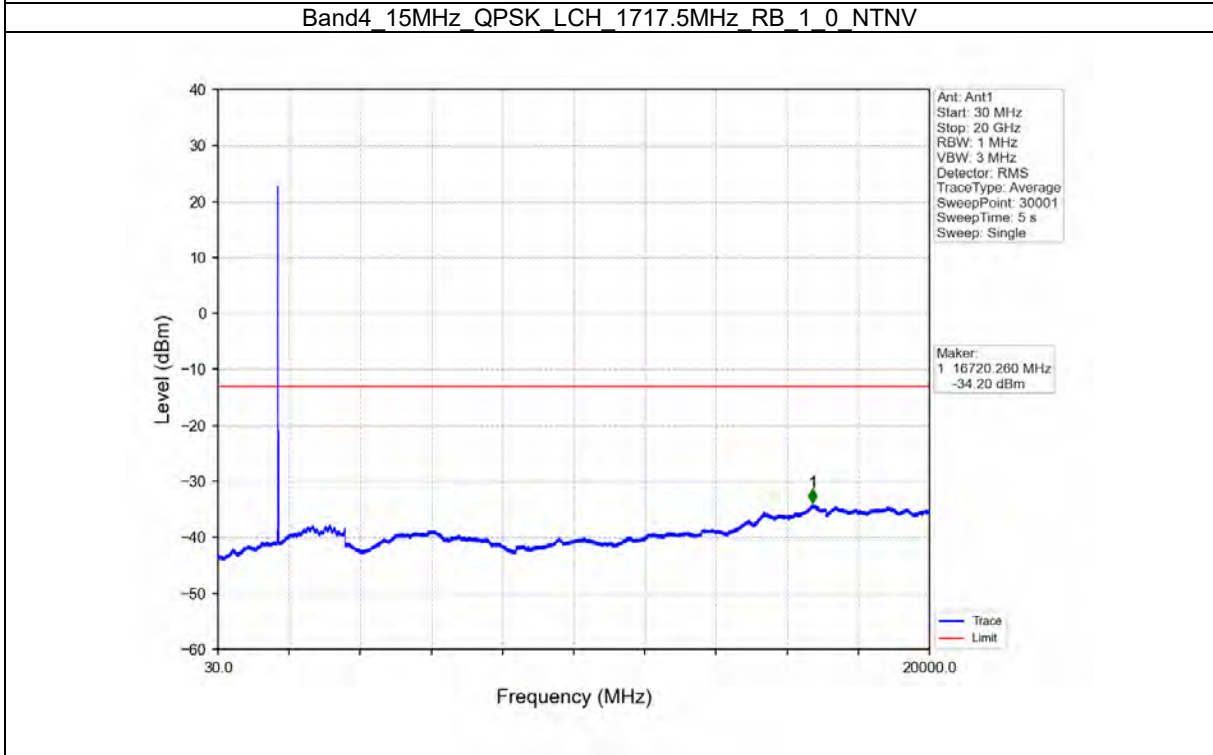
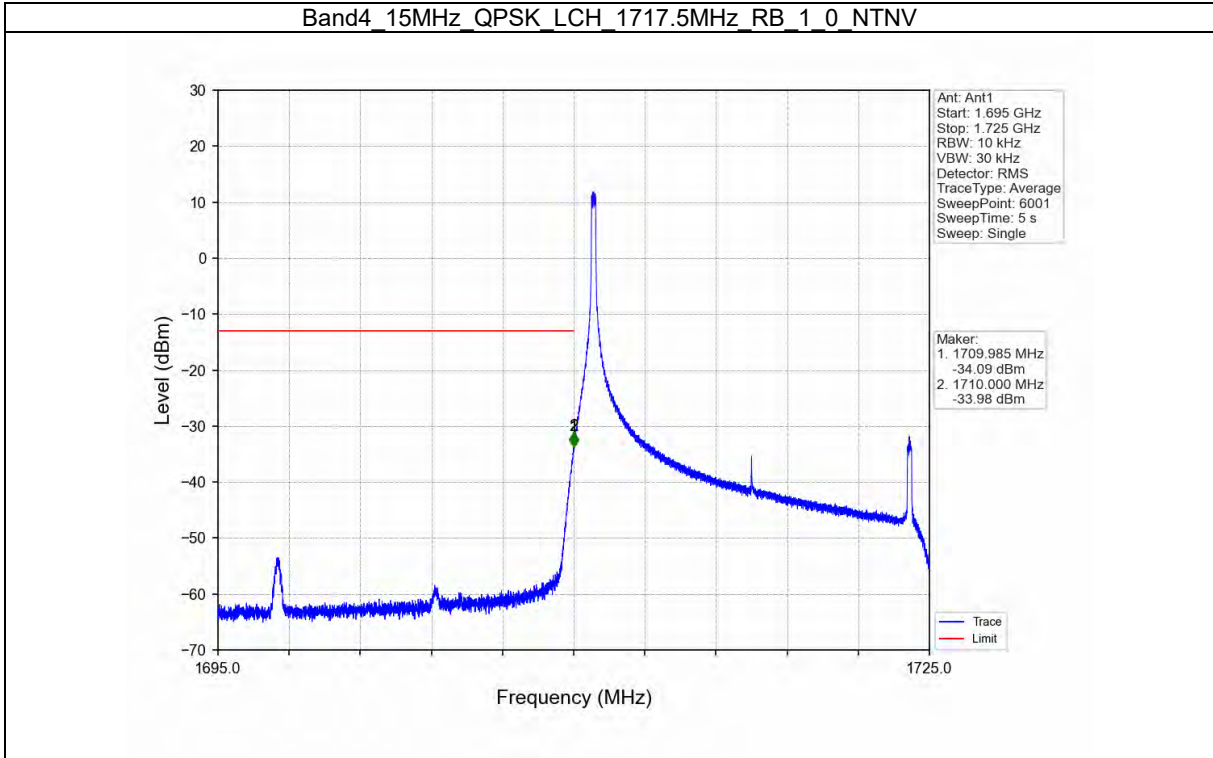


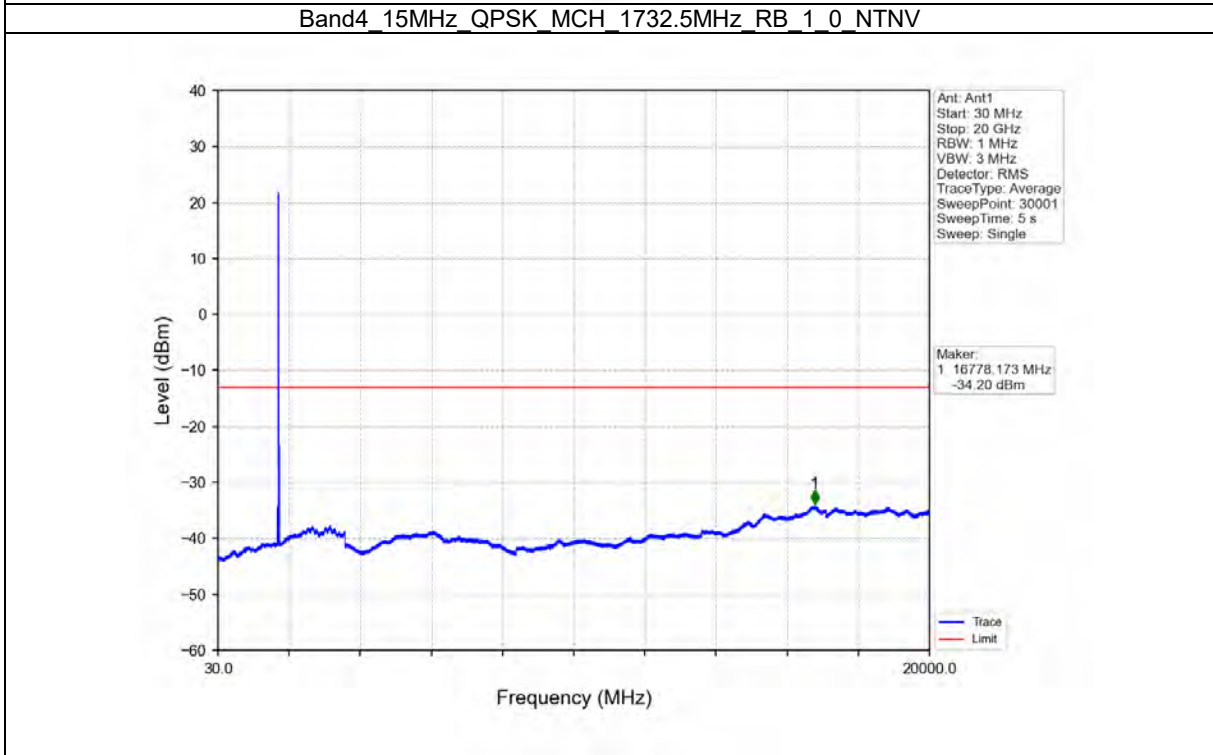
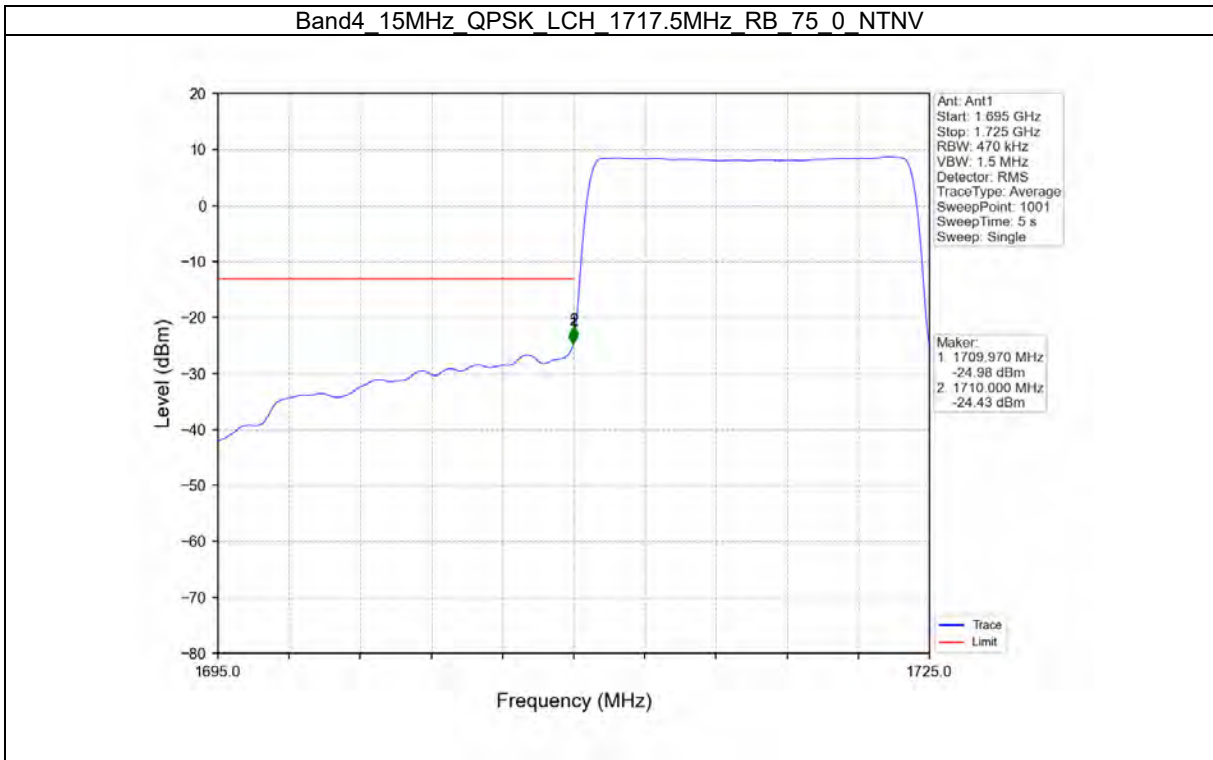
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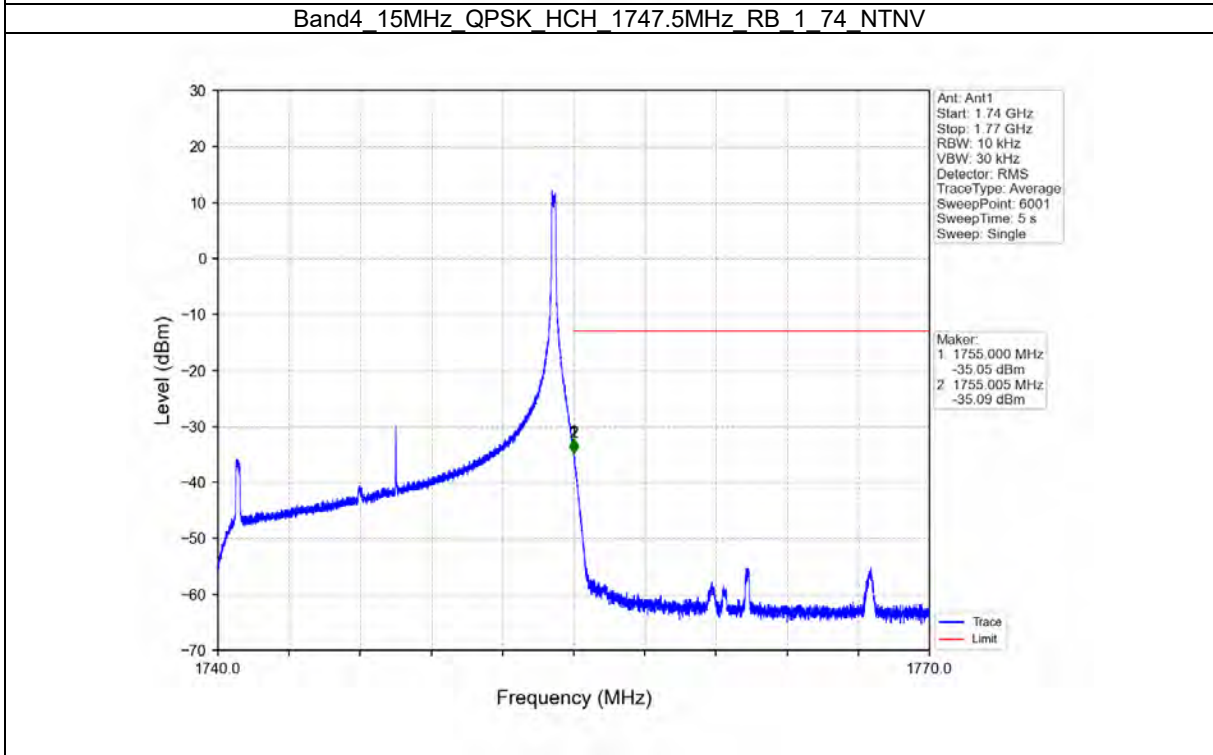
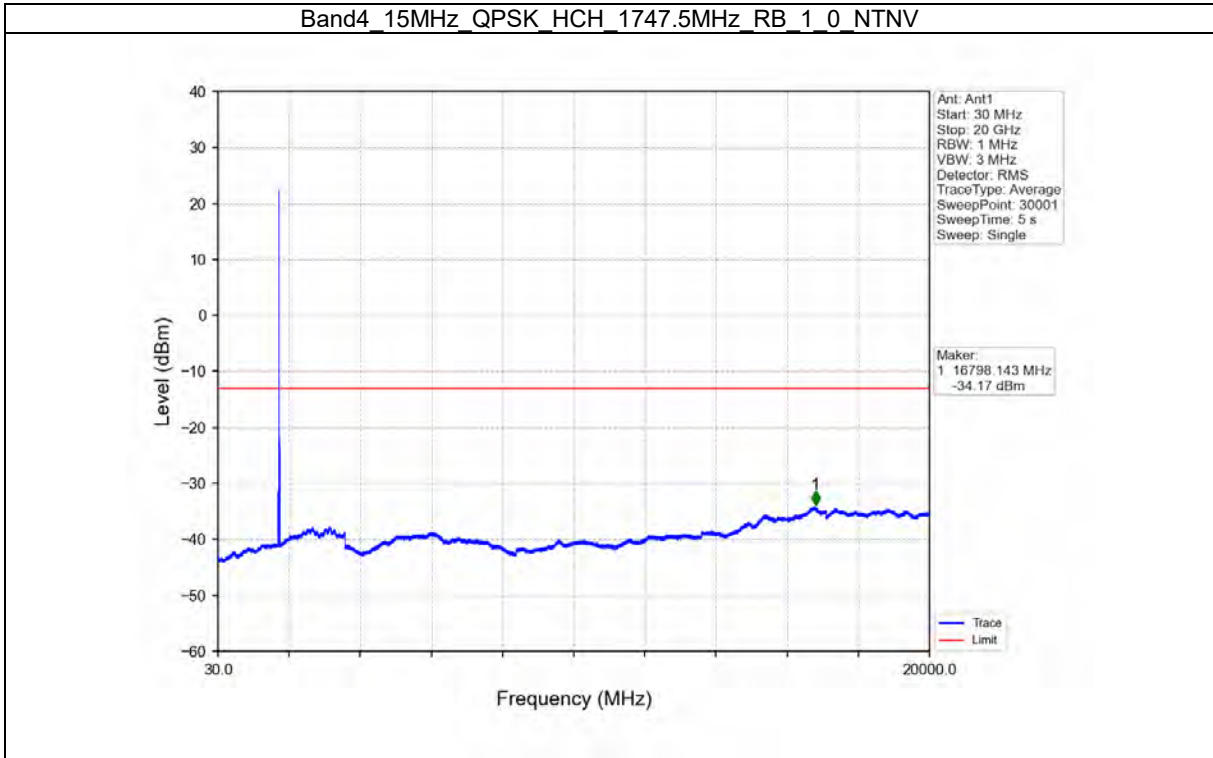
### B4\_15MHZ TEST RESULT

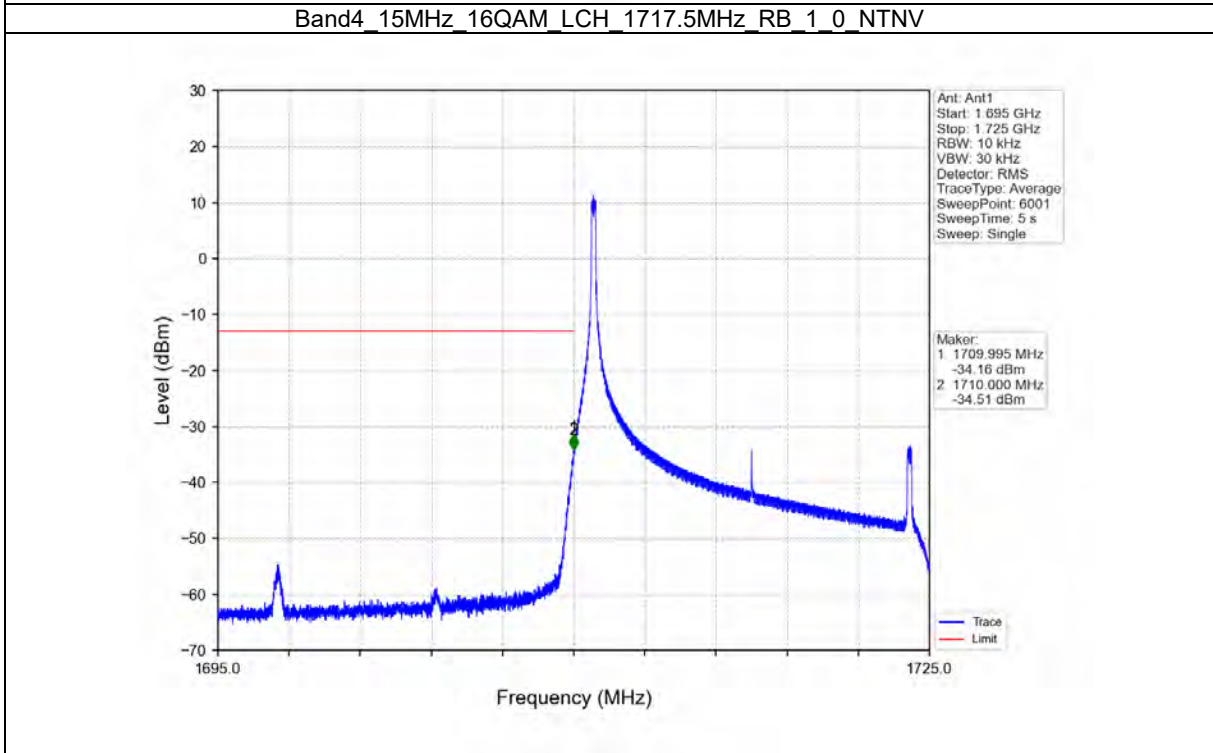
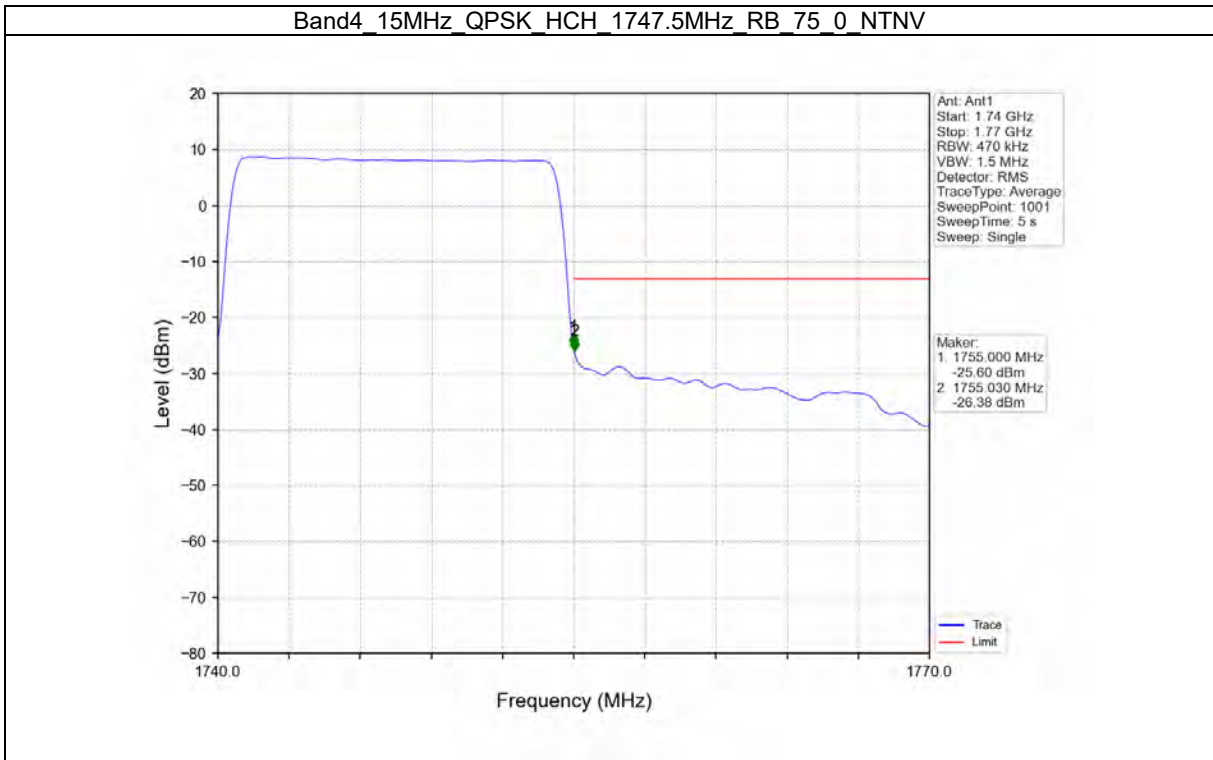
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	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
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

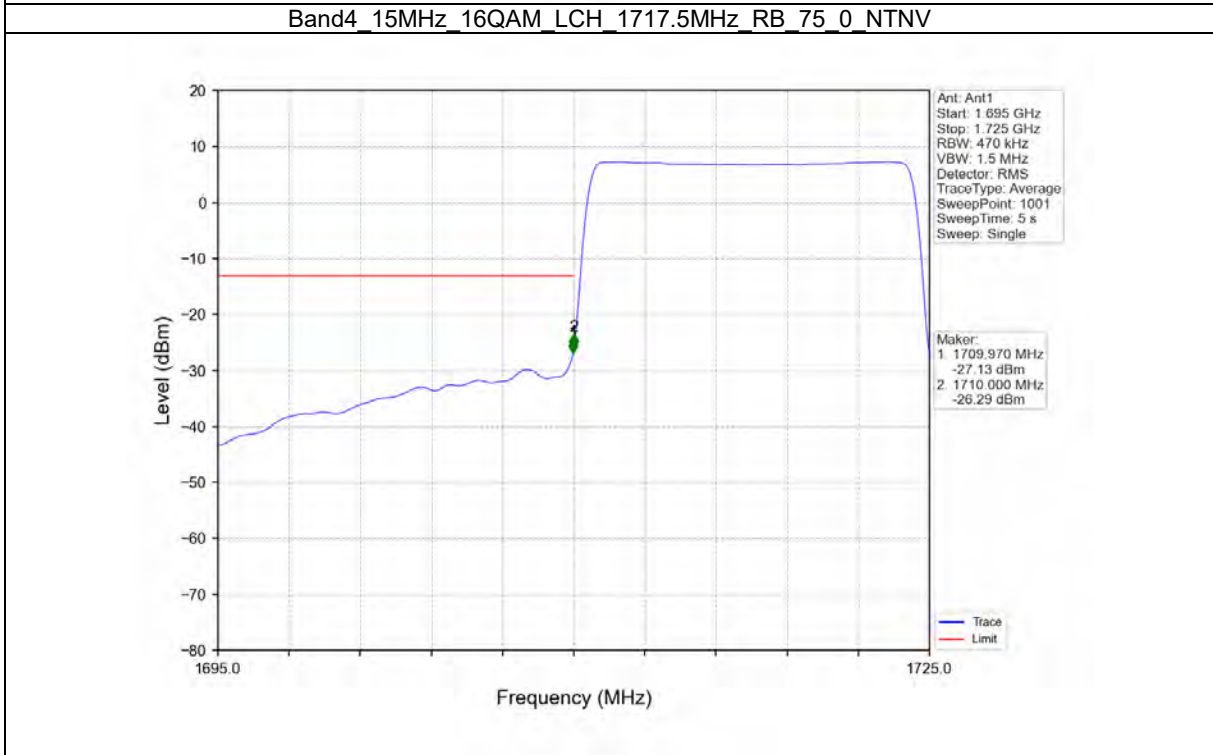
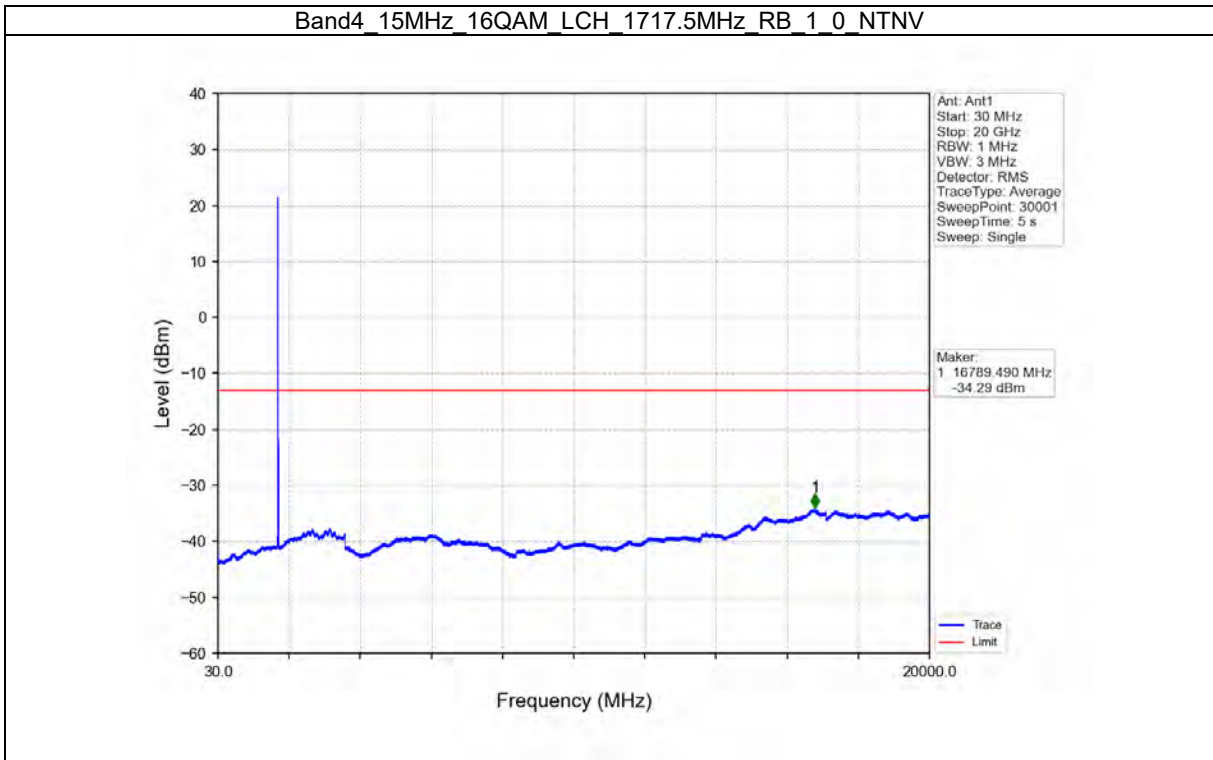
**TEST GRAPH**

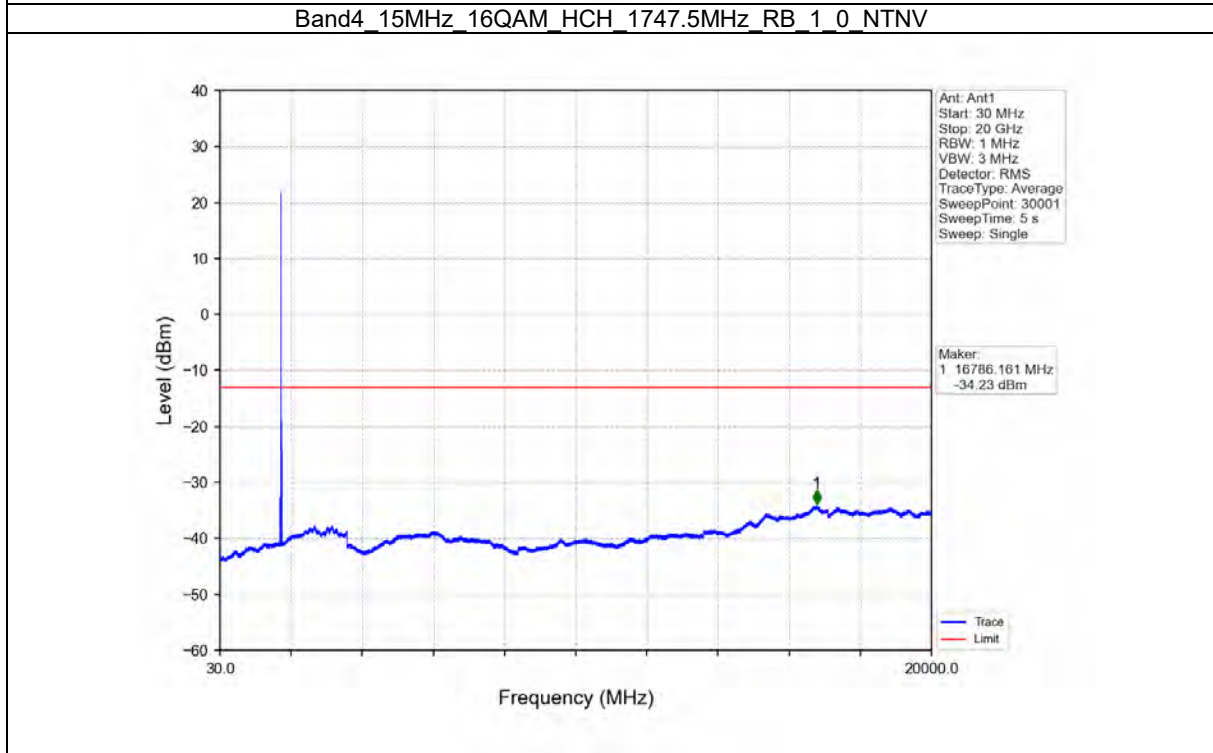
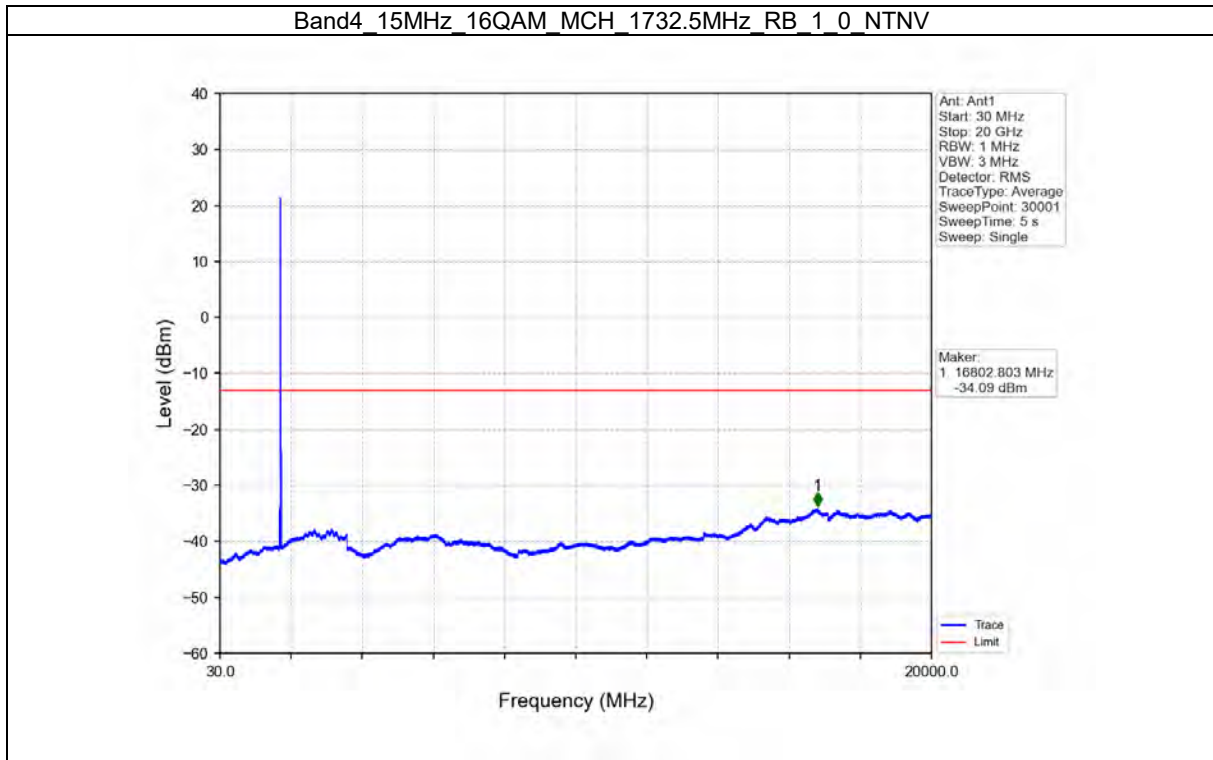




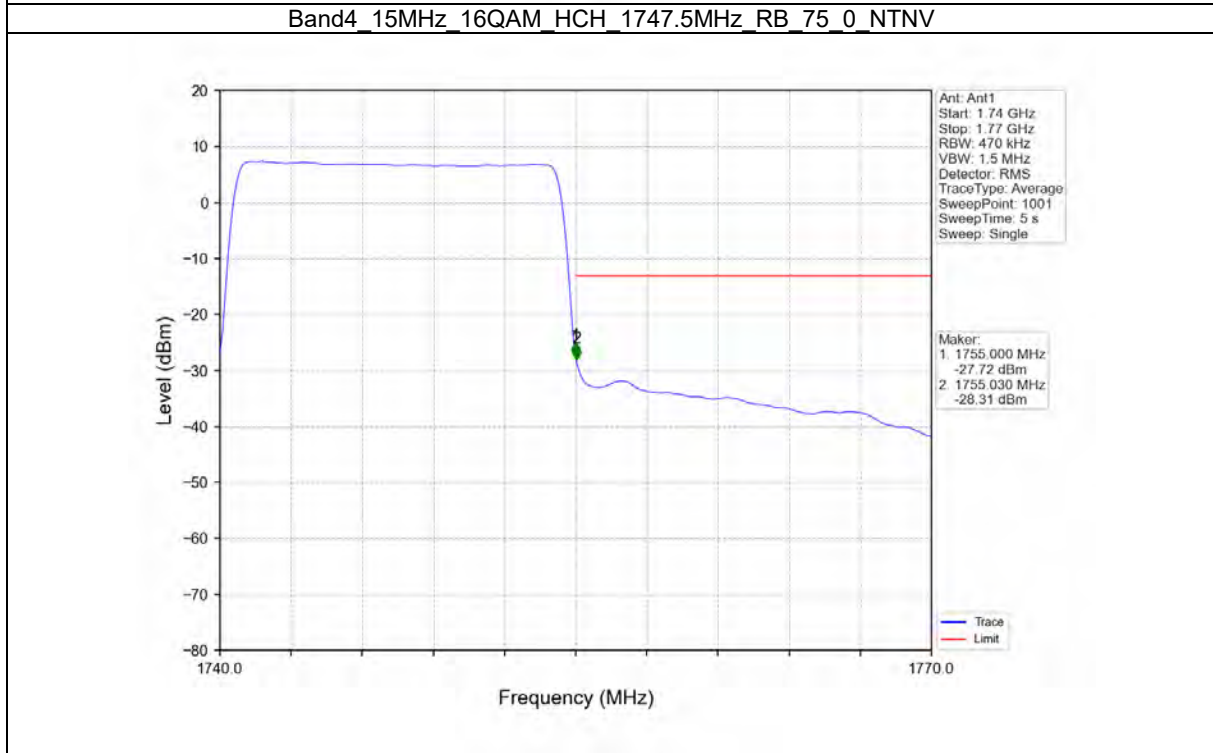
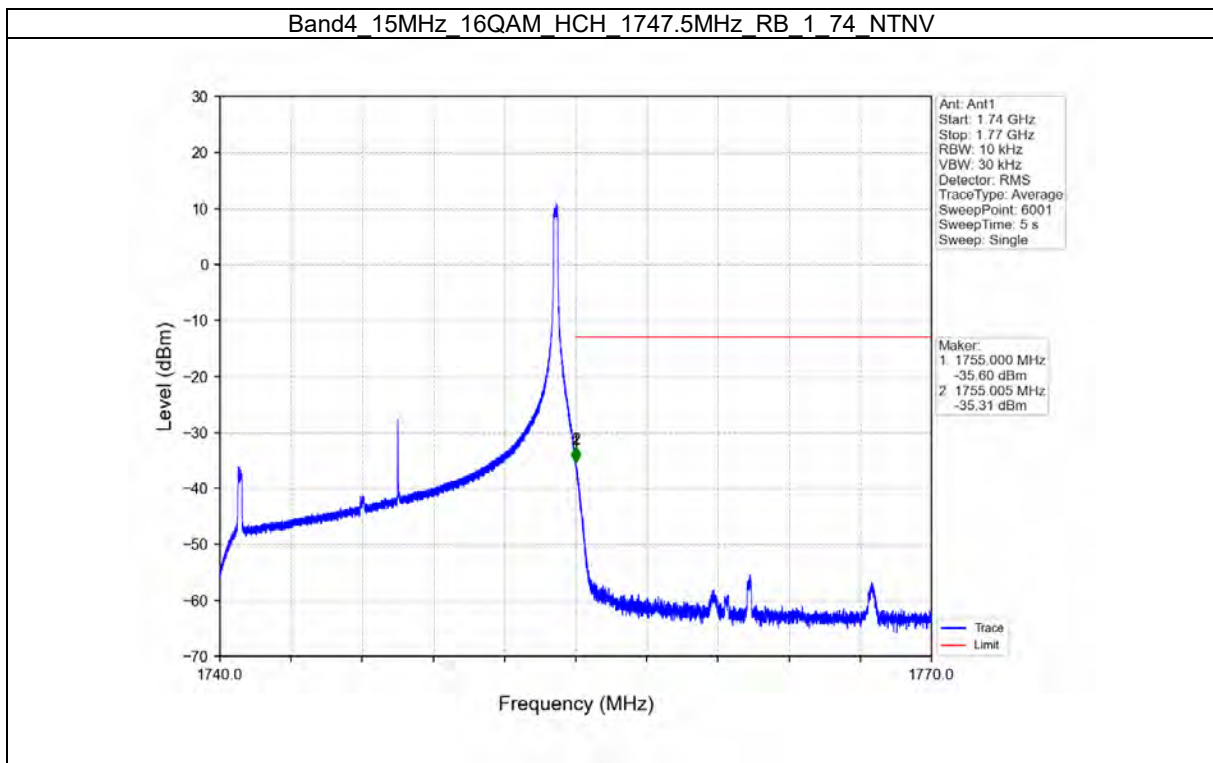


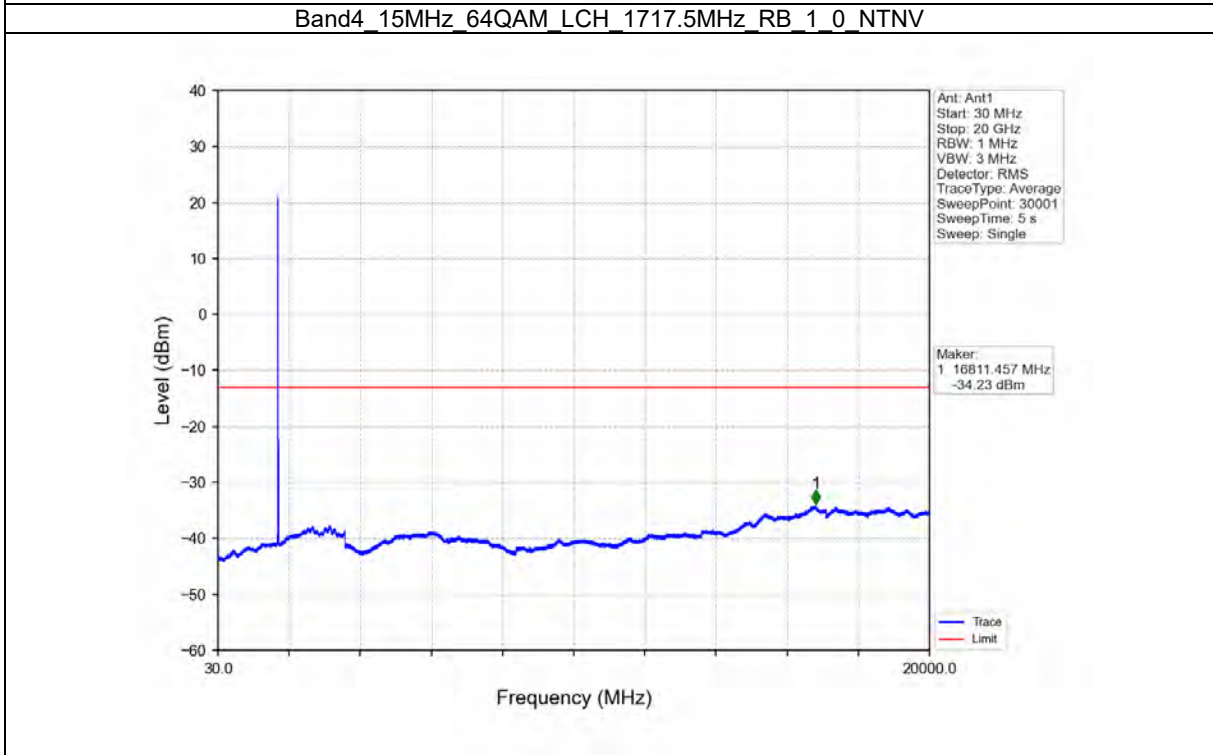
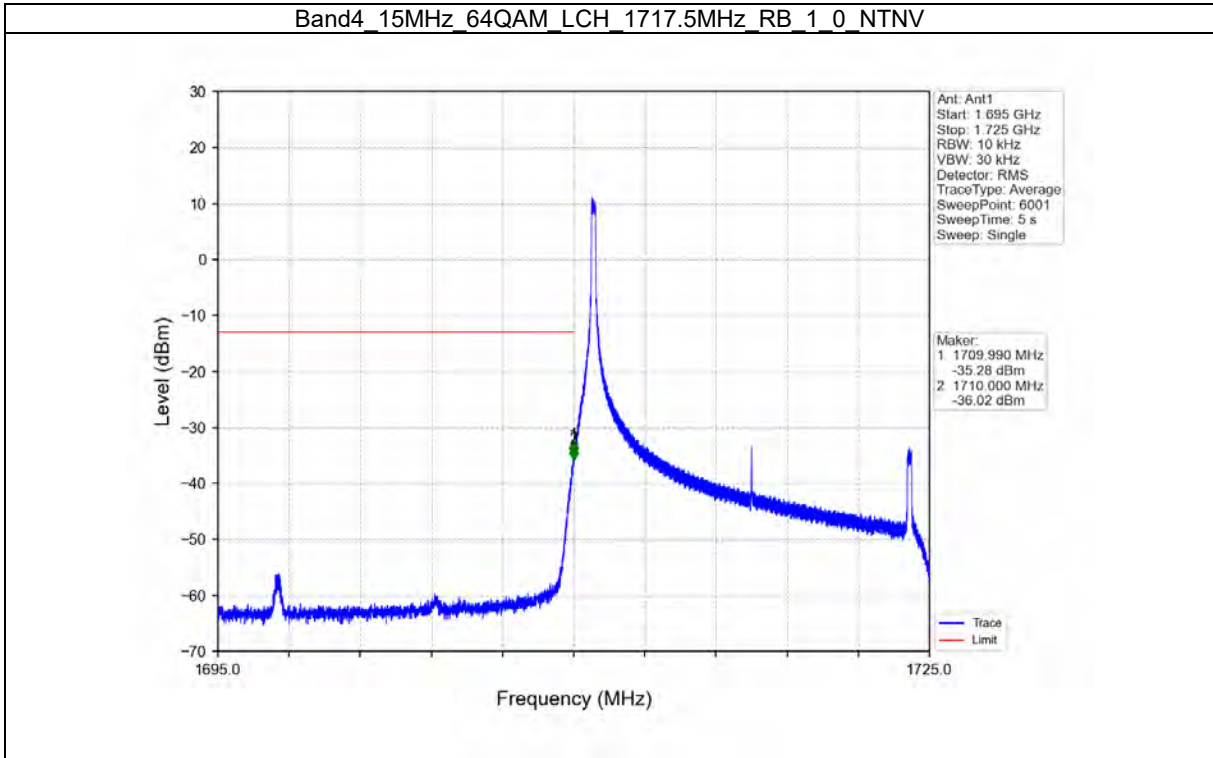


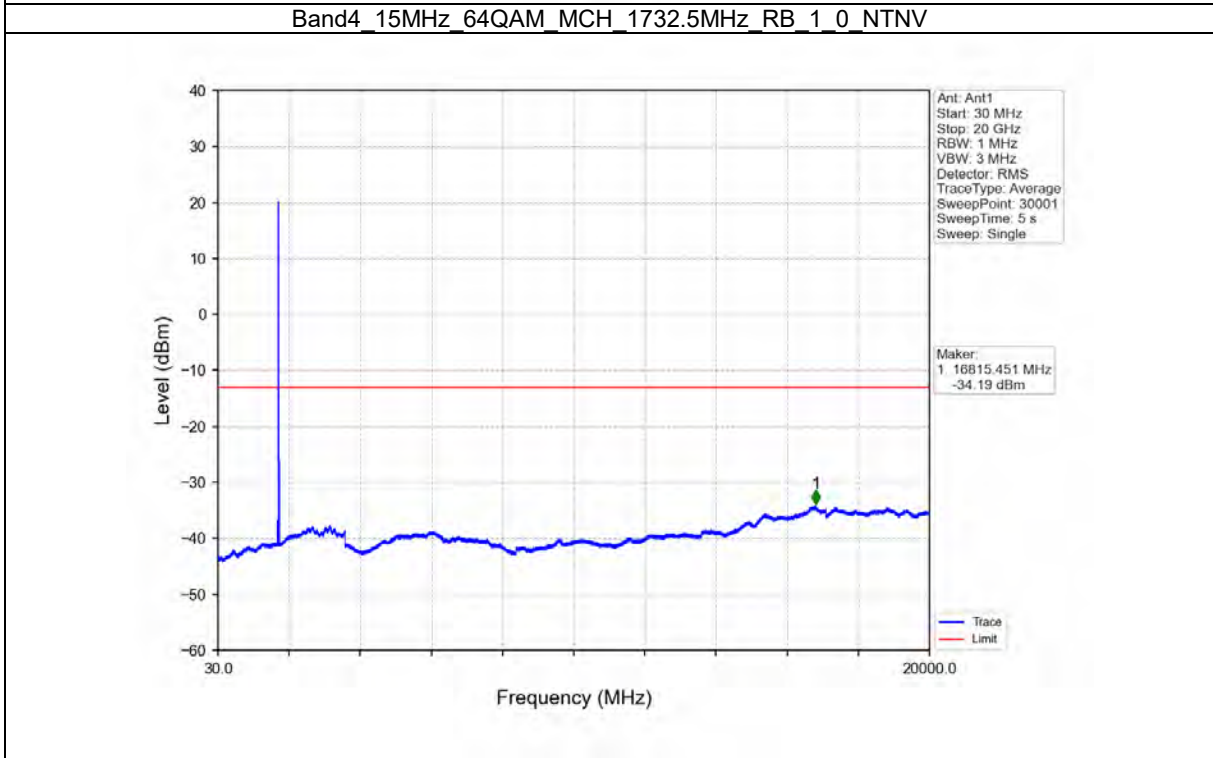
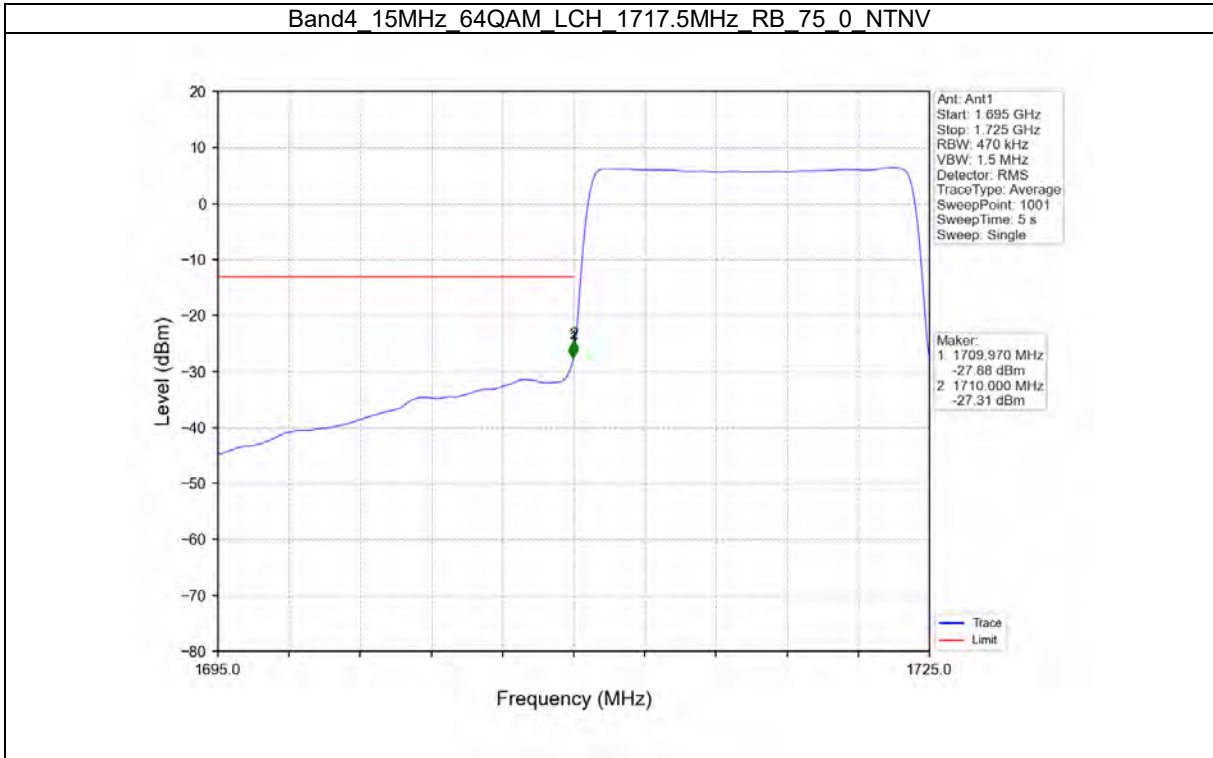


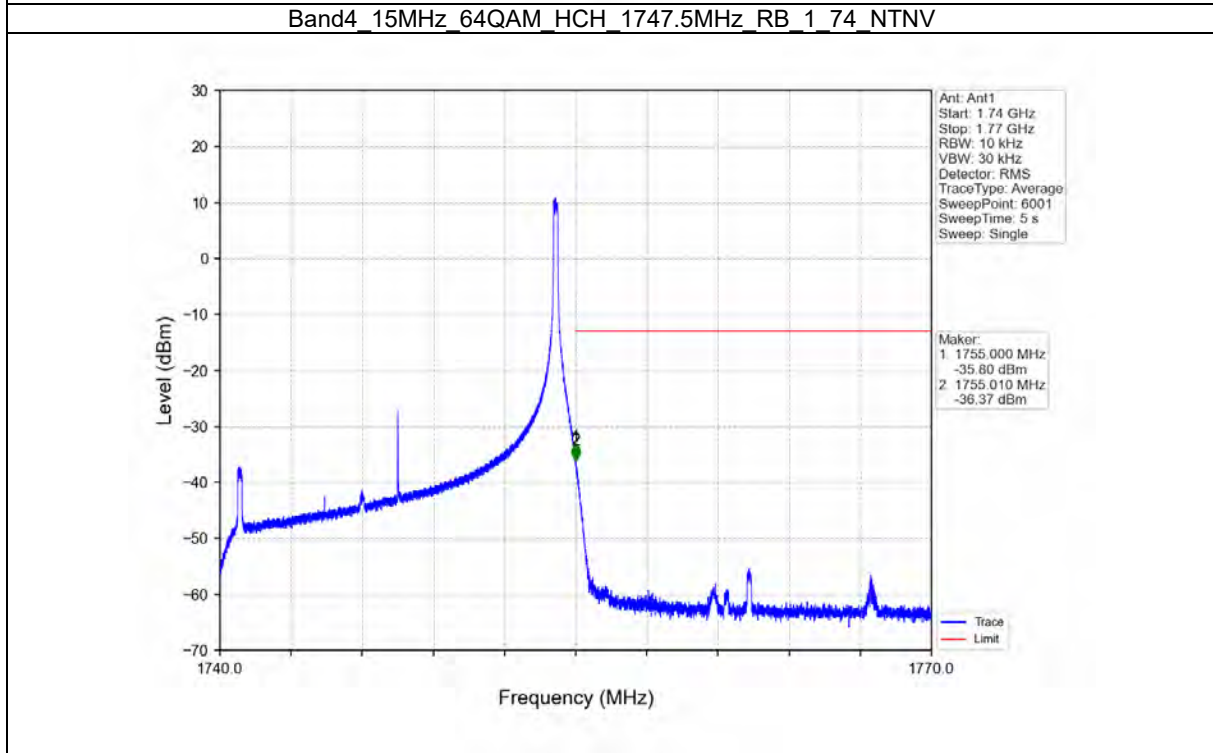
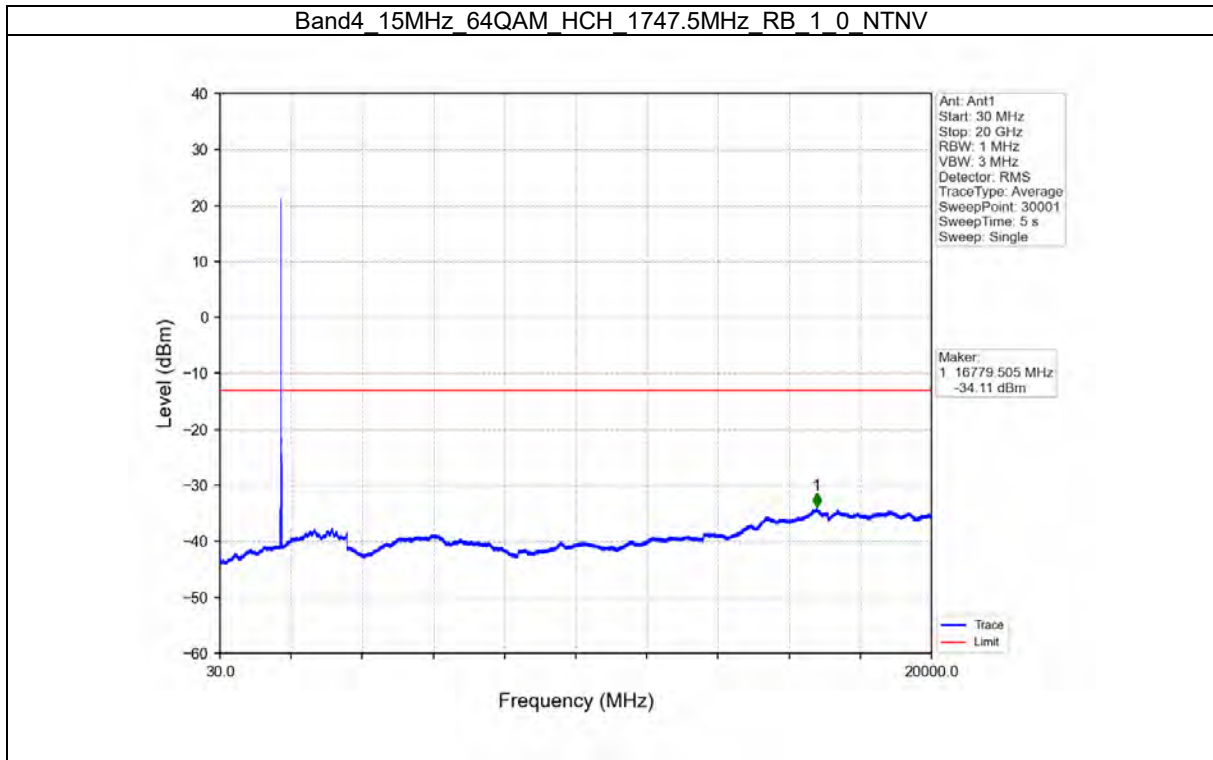


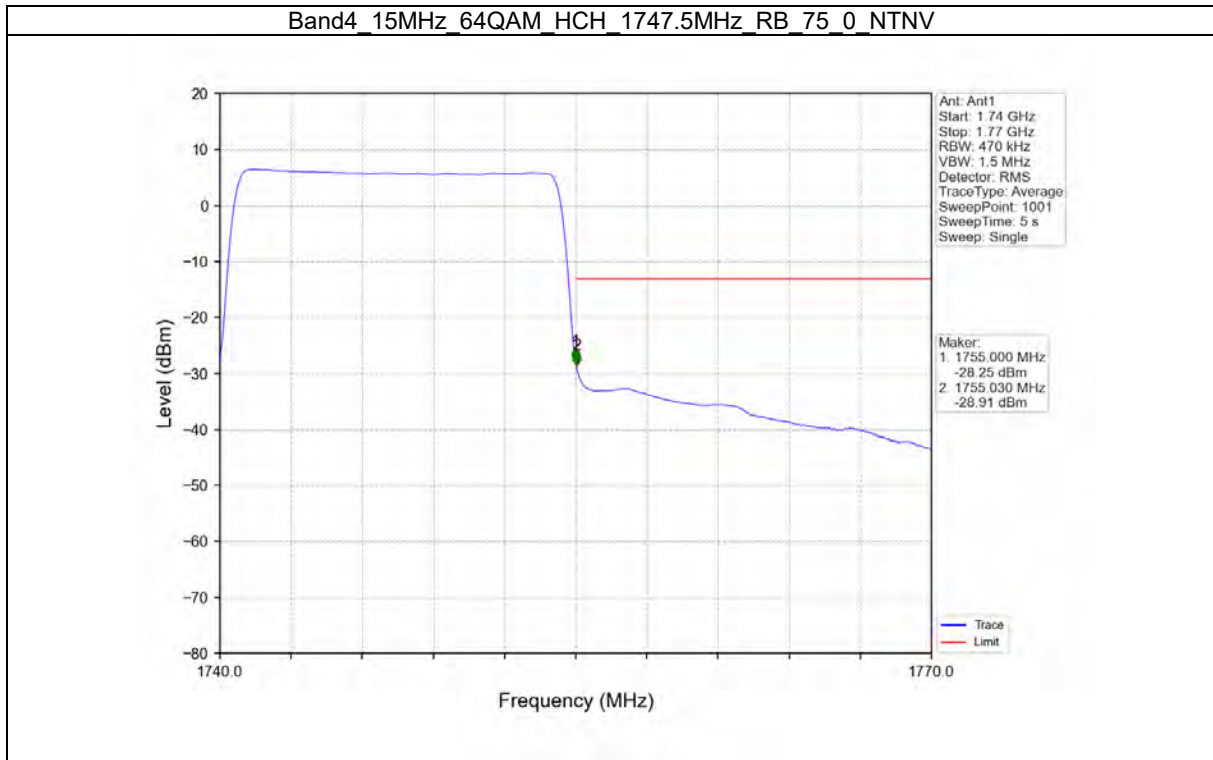














Test Report No.: W7L-P22090015-5RF06

### B4\_20MHZ 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		

### TEST GRAPH

