



**BUREAU
VERITAS**

Test Report No.: W7L-P21100018-1RF06

					4.43	-13.72	-0.01	-2.5 to 2.5	Pass				
				-30	3.85	-28.11	-0.02	-2.5 to 2.5	Pass				
				-20	3.85	-32.47	-0.02	-2.5 to 2.5	Pass				
				-10	3.85	-19.91	-0.01	-2.5 to 2.5	Pass				
				0	3.85	-28.51	-0.02	-2.5 to 2.5	Pass				
				10	3.85	-6.67	-0.00	-2.5 to 2.5	Pass				
				30	3.85	-19.25	-0.01	-2.5 to 2.5	Pass				
				40	3.85	-27.61	-0.02	-2.5 to 2.5	Pass				
				50	3.85	-30.46	-0.02	-2.5 to 2.5	Pass				
64QAM	1712.5	25	0	20	3.27	11.06	0.01	-2.5 to 2.5	Pass				
					3.85	14.22	0.01	-2.5 to 2.5	Pass				
					4.43	17.09	0.01	-2.5 to 2.5	Pass				
								-30	3.85	28.58	0.02	-2.5 to 2.5	Pass
								-20	3.85	35.39	0.02	-2.5 to 2.5	Pass
								-10	3.85	-3.92	-0.00	-2.5 to 2.5	Pass
								0	3.85	2.93	0.00	-2.5 to 2.5	Pass
								10	3.85	12.42	0.01	-2.5 to 2.5	Pass
								30	3.85	17.50	0.01	-2.5 to 2.5	Pass
					40	3.85	21.90	0.01	-2.5 to 2.5	Pass			
					50	3.85	25.82	0.02	-2.5 to 2.5	Pass			
		1745	25	0	20	3.27	5.36	0.00	-2.5 to 2.5	Pass			
	3.85					9.18	0.01	-2.5 to 2.5	Pass				
	4.43					15.06	0.01	-2.5 to 2.5	Pass				
								-30	3.85	25.11	0.01	-2.5 to 2.5	Pass
								-20	3.85	30.21	0.02	-2.5 to 2.5	Pass
								-10	3.85	40.55	0.02	-2.5 to 2.5	Pass
								0	3.85	2.33	0.00	-2.5 to 2.5	Pass
								10	3.85	11.47	0.01	-2.5 to 2.5	Pass
								30	3.85	19.64	0.01	-2.5 to 2.5	Pass
					40	3.85	25.55	0.01	-2.5 to 2.5	Pass			
					50	3.85	30.38	0.02	-2.5 to 2.5	Pass			
		1777.5	25	0	20	3.27	-35.12	-0.02	-2.5 to 2.5	Pass			
	3.85					-2.30	-0.00	-2.5 to 2.5	Pass				
	4.43					-10.23	-0.01	-2.5 to 2.5	Pass				
								-30	3.85	-12.70	-0.01	-2.5 to 2.5	Pass
								-20	3.85	-15.69	-0.01	-2.5 to 2.5	Pass
							-10	3.85	-21.49	-0.01	-2.5 to 2.5	Pass	
							0	3.85	-28.30	-0.02	-2.5 to 2.5	Pass	
							10	3.85	-30.81	-0.02	-2.5 to 2.5	Pass	
							30	3.85	-31.94	-0.02	-2.5 to 2.5	Pass	
				40	3.85	-33.92	-0.02	-2.5 to 2.5	Pass				
				50	3.85	-32.09	-0.02	-2.5 to 2.5	Pass				



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Test Report No.: W7L-P21100018-1RF06

B66_10MHZ TEST RESULT

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	-4.16	-0.00	-2.5 to 2.5	Pass
					3.85	10.71	0.01	-2.5 to 2.5	Pass
					4.43	26.18	0.02	-2.5 to 2.5	Pass
				-30	3.85	36.25	0.02	-2.5 to 2.5	Pass
				-20	3.85	17.22	0.01	-2.5 to 2.5	Pass
				-10	3.85	29.63	0.02	-2.5 to 2.5	Pass
				0	3.85	14.68	0.01	-2.5 to 2.5	Pass
				10	3.85	-11.87	-0.01	-2.5 to 2.5	Pass
				30	3.85	-11.93	-0.01	-2.5 to 2.5	Pass
				40	3.85	-13.00	-0.01	-2.5 to 2.5	Pass
				50	3.85	-17.15	-0.01	-2.5 to 2.5	Pass
				1745	50	0	20	3.27	10.56
	3.85	12.50	0.01					-2.5 to 2.5	Pass
	4.43	14.11	0.01					-2.5 to 2.5	Pass
	-30	3.85	13.50				0.01	-2.5 to 2.5	Pass
	-20	3.85	5.68				0.00	-2.5 to 2.5	Pass
	-10	3.85	2.02				0.00	-2.5 to 2.5	Pass
	0	3.85	-0.40				-0.00	-2.5 to 2.5	Pass
	10	3.85	-4.41				-0.00	-2.5 to 2.5	Pass
	30	3.85	-1.54				-0.00	-2.5 to 2.5	Pass
	40	3.85	-1.54				-0.00	-2.5 to 2.5	Pass
	50	3.85	-9.81				-0.01	-2.5 to 2.5	Pass
	1775	50	0				20	3.27	-9.11
				3.85	-19.07	-0.01		-2.5 to 2.5	Pass
4.43				-14.56	-0.01	-2.5 to 2.5		Pass	
-30				3.85	-29.77	-0.02	-2.5 to 2.5	Pass	
-20				3.85	-31.17	-0.02	-2.5 to 2.5	Pass	
-10				3.85	-27.38	-0.02	-2.5 to 2.5	Pass	
0				3.85	-22.32	-0.01	-2.5 to 2.5	Pass	
10				3.85	-20.99	-0.01	-2.5 to 2.5	Pass	
30				3.85	-24.33	-0.01	-2.5 to 2.5	Pass	
40				3.85	-27.65	-0.02	-2.5 to 2.5	Pass	
50				3.85	-7.24	-0.00	-2.5 to 2.5	Pass	
16QAM				1715	50	0	20	3.27	-17.91
	3.85	-13.65	-0.01					-2.5 to 2.5	Pass
	4.43	-12.33	-0.01					-2.5 to 2.5	Pass
	-30	3.85	-5.71				-0.00	-2.5 to 2.5	Pass
	-20	3.85	-5.61				-0.00	-2.5 to 2.5	Pass
	-10	3.85	2.40				0.00	-2.5 to 2.5	Pass
	0	3.85	14.71				0.01	-2.5 to 2.5	Pass
	10	3.85	20.26				0.01	-2.5 to 2.5	Pass
	30	3.85	27.29				0.02	-2.5 to 2.5	Pass
	40	3.85	32.34				0.02	-2.5 to 2.5	Pass
	50	3.85	4.98				0.00	-2.5 to 2.5	Pass
	1745	50	0				20	3.27	-8.84
				3.85	-8.81	-0.01		-2.5 to 2.5	Pass
				4.43	-10.81	-0.01		-2.5 to 2.5	Pass
				-30	3.85	-9.86	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-6.11	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-5.76	-0.00	-2.5 to 2.5	Pass
				0	3.85	0.46	0.00	-2.5 to 2.5	Pass
				10	3.85	4.96	0.00	-2.5 to 2.5	Pass
				30	3.85	9.83	0.01	-2.5 to 2.5	Pass
				40	3.85	16.44	0.01	-2.5 to 2.5	Pass
				50	3.85	15.66	0.01	-2.5 to 2.5	Pass
				1775	50	0	20	3.27	-20.57
	3.85	-24.26	-0.01					-2.5 to 2.5	Pass



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					4.43	-4.38	-0.00	-2.5 to 2.5	Pass				
				-30	3.85	-15.29	-0.01	-2.5 to 2.5	Pass				
				-20	3.85	-30.25	-0.02	-2.5 to 2.5	Pass				
				-10	3.85	-38.45	-0.02	-2.5 to 2.5	Pass				
				0	3.85	-10.64	-0.01	-2.5 to 2.5	Pass				
				10	3.85	-21.86	-0.01	-2.5 to 2.5	Pass				
				30	3.85	-32.46	-0.02	-2.5 to 2.5	Pass				
				40	3.85	-37.44	-0.02	-2.5 to 2.5	Pass				
				50	3.85	-17.20	-0.01	-2.5 to 2.5	Pass				
64QAM	1715	50	0	20	3.27	22.63	0.01	-2.5 to 2.5	Pass				
					3.85	32.87	0.02	-2.5 to 2.5	Pass				
					4.43	15.16	0.01	-2.5 to 2.5	Pass				
								-30	3.85	32.19	0.02	-2.5 to 2.5	Pass
								-20	3.85	7.78	0.00	-2.5 to 2.5	Pass
								-10	3.85	22.92	0.01	-2.5 to 2.5	Pass
								0	3.85	33.92	0.02	-2.5 to 2.5	Pass
								10	3.85	8.84	0.01	-2.5 to 2.5	Pass
								30	3.85	13.78	0.01	-2.5 to 2.5	Pass
								40	3.85	21.40	0.01	-2.5 to 2.5	Pass
					50	3.85	21.71	0.01	-2.5 to 2.5	Pass			
		1745	50	0	20	3.27	20.41	0.01	-2.5 to 2.5	Pass			
	3.85					26.21	0.01	-2.5 to 2.5	Pass				
	4.43					1.17	0.00	-2.5 to 2.5	Pass				
								-30	3.85	-9.08	-0.01	-2.5 to 2.5	Pass
								-20	3.85	-0.93	-0.00	-2.5 to 2.5	Pass
								-10	3.85	10.61	0.01	-2.5 to 2.5	Pass
								0	3.85	25.31	0.01	-2.5 to 2.5	Pass
								10	3.85	20.20	0.01	-2.5 to 2.5	Pass
								30	3.85	10.96	0.01	-2.5 to 2.5	Pass
								40	3.85	25.96	0.01	-2.5 to 2.5	Pass
					50	3.85	2.80	0.00	-2.5 to 2.5	Pass			
		1775	50	0	20	3.27	-21.61	-0.01	-2.5 to 2.5	Pass			
	3.85					-22.20	-0.01	-2.5 to 2.5	Pass				
	4.43					-26.49	-0.01	-2.5 to 2.5	Pass				
								-30	3.85	-24.93	-0.01	-2.5 to 2.5	Pass
								-20	3.85	-30.44	-0.02	-2.5 to 2.5	Pass
								-10	3.85	-27.67	-0.02	-2.5 to 2.5	Pass
							0	3.85	-26.24	-0.01	-2.5 to 2.5	Pass	
							10	3.85	-28.73	-0.02	-2.5 to 2.5	Pass	
							30	3.85	-30.05	-0.02	-2.5 to 2.5	Pass	
							40	3.85	-32.07	-0.02	-2.5 to 2.5	Pass	
				50	3.85	-31.70	-0.02	-2.5 to 2.5	Pass				



**BUREAU
VERITAS**

Test Report No.: W7L-P21100018-1RF06

B66_15MHZ TEST RESULT

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	-2.30	-0.00	-2.5 to 2.5	Pass
					3.85	6.07	0.00	-2.5 to 2.5	Pass
					4.43	17.92	0.01	-2.5 to 2.5	Pass
				-30	3.85	24.42	0.01	-2.5 to 2.5	Pass
				-20	3.85	30.70	0.02	-2.5 to 2.5	Pass
				-10	3.85	2.59	0.00	-2.5 to 2.5	Pass
				0	3.85	14.83	0.01	-2.5 to 2.5	Pass
				10	3.85	20.21	0.01	-2.5 to 2.5	Pass
				30	3.85	19.78	0.01	-2.5 to 2.5	Pass
				40	3.85	23.82	0.01	-2.5 to 2.5	Pass
				50	3.85	29.67	0.02	-2.5 to 2.5	Pass
				1745	75	0	20	3.27	8.14
	3.85	18.84	0.01					-2.5 to 2.5	Pass
	4.43	12.49	0.01					-2.5 to 2.5	Pass
	-30	3.85	15.18				0.01	-2.5 to 2.5	Pass
	-20	3.85	11.16				0.01	-2.5 to 2.5	Pass
	-10	3.85	7.17				0.00	-2.5 to 2.5	Pass
	0	3.85	2.92				0.00	-2.5 to 2.5	Pass
	10	3.85	-0.61				-0.00	-2.5 to 2.5	Pass
	30	3.85	-9.03				-0.01	-2.5 to 2.5	Pass
	40	3.85	-13.76				-0.01	-2.5 to 2.5	Pass
	50	3.85	-20.60				-0.01	-2.5 to 2.5	Pass
	1772.5	75	0				20	3.27	-2.73
				3.85	-16.38	-0.01		-2.5 to 2.5	Pass
4.43				-13.73	-0.01	-2.5 to 2.5		Pass	
-30				3.85	-23.95	-0.01	-2.5 to 2.5	Pass	
-20				3.85	-32.50	-0.02	-2.5 to 2.5	Pass	
-10				3.85	-11.16	-0.01	-2.5 to 2.5	Pass	
0				3.85	-16.25	-0.01	-2.5 to 2.5	Pass	
10				3.85	-19.25	-0.01	-2.5 to 2.5	Pass	
30				3.85	-31.17	-0.02	-2.5 to 2.5	Pass	
40				3.85	-18.91	-0.01	-2.5 to 2.5	Pass	
50				3.85	-12.56	-0.01	-2.5 to 2.5	Pass	
16QAM				1717.5	75	0	20	3.27	32.39
	3.85	19.61	0.01					-2.5 to 2.5	Pass
	4.43	29.08	0.02					-2.5 to 2.5	Pass
	-30	3.85	4.83				0.00	-2.5 to 2.5	Pass
	-20	3.85	17.65				0.01	-2.5 to 2.5	Pass
	-10	3.85	25.56				0.01	-2.5 to 2.5	Pass
	0	3.85	33.00				0.02	-2.5 to 2.5	Pass
	10	3.85	-3.69				-0.00	-2.5 to 2.5	Pass
	30	3.85	2.38				0.00	-2.5 to 2.5	Pass
	40	3.85	13.79				0.01	-2.5 to 2.5	Pass
	50	3.85	20.06				0.01	-2.5 to 2.5	Pass
	1745	75	0				20	3.27	-22.75
				3.85	-23.70	-0.01		-2.5 to 2.5	Pass
				4.43	-22.62	-0.01		-2.5 to 2.5	Pass
				-30	3.85	-21.70	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-20.64	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-19.61	-0.01	-2.5 to 2.5	Pass
				0	3.85	-14.82	-0.01	-2.5 to 2.5	Pass
				10	3.85	-11.93	-0.01	-2.5 to 2.5	Pass
				30	3.85	-7.35	-0.00	-2.5 to 2.5	Pass
				40	3.85	-7.28	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.33	-0.00	-2.5 to 2.5	Pass
				1772.5	75	0	20	3.27	-31.14
	3.85	-11.77	-0.01					-2.5 to 2.5	Pass



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Test Report No.: W7L-P21100018-1RF06

					4.43	-27.98	-0.02	-2.5 to 2.5	Pass				
				-30	3.85	-5.72	-0.00	-2.5 to 2.5	Pass				
				-20	3.85	-17.85	-0.01	-2.5 to 2.5	Pass				
				-10	3.85	-30.23	-0.02	-2.5 to 2.5	Pass				
				0	3.85	-7.30	-0.00	-2.5 to 2.5	Pass				
				10	3.85	-21.03	-0.01	-2.5 to 2.5	Pass				
				30	3.85	-39.54	-0.02	-2.5 to 2.5	Pass				
				40	3.85	-10.46	-0.01	-2.5 to 2.5	Pass				
				50	3.85	-21.80	-0.01	-2.5 to 2.5	Pass				
64QAM	1717.5	75	0	20	3.27	33.03	0.02	-2.5 to 2.5	Pass				
					3.85	6.39	0.00	-2.5 to 2.5	Pass				
					4.43	23.75	0.01	-2.5 to 2.5	Pass				
								-30	3.85	18.55	0.01	-2.5 to 2.5	Pass
								-20	3.85	21.36	0.01	-2.5 to 2.5	Pass
								-10	3.85	31.60	0.02	-2.5 to 2.5	Pass
								0	3.85	26.48	0.02	-2.5 to 2.5	Pass
								10	3.85	5.85	0.00	-2.5 to 2.5	Pass
								30	3.85	18.32	0.01	-2.5 to 2.5	Pass
					40	3.85	23.25	0.01	-2.5 to 2.5	Pass			
					50	3.85	-1.10	-0.00	-2.5 to 2.5	Pass			
		1745	75	0	20	3.27	3.89	0.00	-2.5 to 2.5	Pass			
	3.85					9.17	0.01	-2.5 to 2.5	Pass				
	4.43					20.26	0.01	-2.5 to 2.5	Pass				
								-30	3.85	16.59	0.01	-2.5 to 2.5	Pass
								-20	3.85	-6.91	-0.00	-2.5 to 2.5	Pass
								-10	3.85	-0.56	-0.00	-2.5 to 2.5	Pass
								0	3.85	8.97	0.01	-2.5 to 2.5	Pass
								10	3.85	10.63	0.01	-2.5 to 2.5	Pass
								30	3.85	17.42	0.01	-2.5 to 2.5	Pass
					40	3.85	25.08	0.01	-2.5 to 2.5	Pass			
					50	3.85	5.42	0.00	-2.5 to 2.5	Pass			
		1772.5	75	0	20	3.27	-23.15	-0.01	-2.5 to 2.5	Pass			
	3.85					-30.34	-0.02	-2.5 to 2.5	Pass				
	4.43					-27.49	-0.02	-2.5 to 2.5	Pass				
								-30	3.85	-29.50	-0.02	-2.5 to 2.5	Pass
								-20	3.85	-25.43	-0.01	-2.5 to 2.5	Pass
							-10	3.85	-26.79	-0.02	-2.5 to 2.5	Pass	
							0	3.85	-24.48	-0.01	-2.5 to 2.5	Pass	
							10	3.85	-26.34	-0.01	-2.5 to 2.5	Pass	
							30	3.85	-27.07	-0.02	-2.5 to 2.5	Pass	
				40	3.85	-27.84	-0.02	-2.5 to 2.5	Pass				
				50	3.85	-23.76	-0.01	-2.5 to 2.5	Pass				



**BUREAU
VERITAS**

Test Report No.: W7L-P21100018-1RF06

B66_20MHZ TEST RESULT

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	24.95	0.01	-2.5 to 2.5	Pass
					3.85	11.82	0.01	-2.5 to 2.5	Pass
					4.43	21.14	0.01	-2.5 to 2.5	Pass
				-30	3.85	30.18	0.02	-2.5 to 2.5	Pass
				-20	3.85	31.53	0.02	-2.5 to 2.5	Pass
				-10	3.85	27.89	0.02	-2.5 to 2.5	Pass
				0	3.85	28.34	0.02	-2.5 to 2.5	Pass
				10	3.85	24.76	0.01	-2.5 to 2.5	Pass
				30	3.85	27.52	0.02	-2.5 to 2.5	Pass
	40	3.85	22.53	0.01	-2.5 to 2.5	Pass			
	50	3.85	18.20	0.01	-2.5 to 2.5	Pass			
	1745	100	0	20	3.27	-3.72	-0.00	-2.5 to 2.5	Pass
					3.85	-4.65	-0.00	-2.5 to 2.5	Pass
					4.43	-13.12	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-23.25	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-22.67	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-36.01	-0.02	-2.5 to 2.5	Pass
				0	3.85	-41.64	-0.02	-2.5 to 2.5	Pass
				10	3.85	-4.51	-0.00	-2.5 to 2.5	Pass
				30	3.85	-7.84	-0.00	-2.5 to 2.5	Pass
	40	3.85	-14.06	-0.01	-2.5 to 2.5	Pass			
	50	3.85	-19.33	-0.01	-2.5 to 2.5	Pass			
	1770	100	0	20	3.27	4.49	0.00	-2.5 to 2.5	Pass
					3.85	-17.91	-0.01	-2.5 to 2.5	Pass
4.43					-13.40	-0.01	-2.5 to 2.5	Pass	
-30				3.85	-22.10	-0.01	-2.5 to 2.5	Pass	
-20				3.85	-28.21	-0.02	-2.5 to 2.5	Pass	
-10				3.85	-11.04	-0.01	-2.5 to 2.5	Pass	
0				3.85	-18.70	-0.01	-2.5 to 2.5	Pass	
10				3.85	-24.70	-0.01	-2.5 to 2.5	Pass	
30				3.85	-25.48	-0.01	-2.5 to 2.5	Pass	
40	3.85	-14.73	-0.01	-2.5 to 2.5	Pass				
50	3.85	-23.72	-0.01	-2.5 to 2.5	Pass				
16QAM	1720	100	0	20	3.27	16.64	0.01	-2.5 to 2.5	Pass
					3.85	18.35	0.01	-2.5 to 2.5	Pass
					4.43	26.75	0.02	-2.5 to 2.5	Pass
				-30	3.85	28.01	0.02	-2.5 to 2.5	Pass
				-20	3.85	23.26	0.01	-2.5 to 2.5	Pass
				-10	3.85	29.17	0.02	-2.5 to 2.5	Pass
				0	3.85	35.51	0.02	-2.5 to 2.5	Pass
				10	3.85	37.38	0.02	-2.5 to 2.5	Pass
				30	3.85	31.86	0.02	-2.5 to 2.5	Pass
	40	3.85	14.73	0.01	-2.5 to 2.5	Pass			
	50	3.85	20.77	0.01	-2.5 to 2.5	Pass			
	1745	100	0	20	3.27	-23.13	-0.01	-2.5 to 2.5	Pass
					3.85	-20.34	-0.01	-2.5 to 2.5	Pass
					4.43	-21.14	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-9.90	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-5.76	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-14.29	-0.01	-2.5 to 2.5	Pass
				0	3.85	-13.26	-0.01	-2.5 to 2.5	Pass
				10	3.85	-11.86	-0.01	-2.5 to 2.5	Pass
				30	3.85	-15.84	-0.01	-2.5 to 2.5	Pass
	40	3.85	-20.54	-0.01	-2.5 to 2.5	Pass			
	50	3.85	-14.12	-0.01	-2.5 to 2.5	Pass			
	1770	100	0	20	3.27	-33.07	-0.02	-2.5 to 2.5	Pass
					3.85	-16.07	-0.01	-2.5 to 2.5	Pass



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					4.43	-29.37	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-37.34	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-28.32	-0.02	-2.5 to 2.5	Pass
				-10	3.85	3.66	0.00	-2.5 to 2.5	Pass
				0	3.85	-9.05	-0.01	-2.5 to 2.5	Pass
				10	3.85	-16.22	-0.01	-2.5 to 2.5	Pass
				30	3.85	-20.80	-0.01	-2.5 to 2.5	Pass
				40	3.85	-26.98	-0.02	-2.5 to 2.5	Pass
				50	3.85	-37.61	-0.02	-2.5 to 2.5	Pass
64QAM	1720	100	0	20	3.27	28.20	0.02	-2.5 to 2.5	Pass
					3.85	-7.20	-0.00	-2.5 to 2.5	Pass
					4.43	4.63	0.00	-2.5 to 2.5	Pass
				-30	3.85	18.94	0.01	-2.5 to 2.5	Pass
				-20	3.85	29.71	0.02	-2.5 to 2.5	Pass
				-10	3.85	32.30	0.02	-2.5 to 2.5	Pass
				0	3.85	11.14	0.01	-2.5 to 2.5	Pass
				10	3.85	22.86	0.01	-2.5 to 2.5	Pass
				30	3.85	3.72	0.00	-2.5 to 2.5	Pass
				40	3.85	21.60	0.01	-2.5 to 2.5	Pass
	50	3.85	21.73	0.01	-2.5 to 2.5	Pass			
	1745	100	0	20	3.27	-19.24	-0.01	-2.5 to 2.5	Pass
					3.85	-8.94	-0.01	-2.5 to 2.5	Pass
					4.43	1.30	0.00	-2.5 to 2.5	Pass
				-30	3.85	6.45	0.00	-2.5 to 2.5	Pass
				-20	3.85	19.28	0.01	-2.5 to 2.5	Pass
				-10	3.85	27.11	0.02	-2.5 to 2.5	Pass
				0	3.85	21.69	0.01	-2.5 to 2.5	Pass
				10	3.85	-6.81	-0.00	-2.5 to 2.5	Pass
				30	3.85	6.04	0.00	-2.5 to 2.5	Pass
				40	3.85	9.20	0.01	-2.5 to 2.5	Pass
	50	3.85	14.98	0.01	-2.5 to 2.5	Pass			
	1770	100	0	20	3.27	3.10	0.00	-2.5 to 2.5	Pass
					3.85	5.88	0.00	-2.5 to 2.5	Pass
					4.43	5.42	0.00	-2.5 to 2.5	Pass
				-30	3.85	13.02	0.01	-2.5 to 2.5	Pass
				-20	3.85	19.24	0.01	-2.5 to 2.5	Pass
				-10	3.85	21.96	0.01	-2.5 to 2.5	Pass
0				3.85	24.58	0.01	-2.5 to 2.5	Pass	
10				3.85	28.93	0.02	-2.5 to 2.5	Pass	
30				3.85	34.83	0.02	-2.5 to 2.5	Pass	
40				3.85	2.49	0.00	-2.5 to 2.5	Pass	
50	3.85	5.78	0.00	-2.5 to 2.5	Pass				



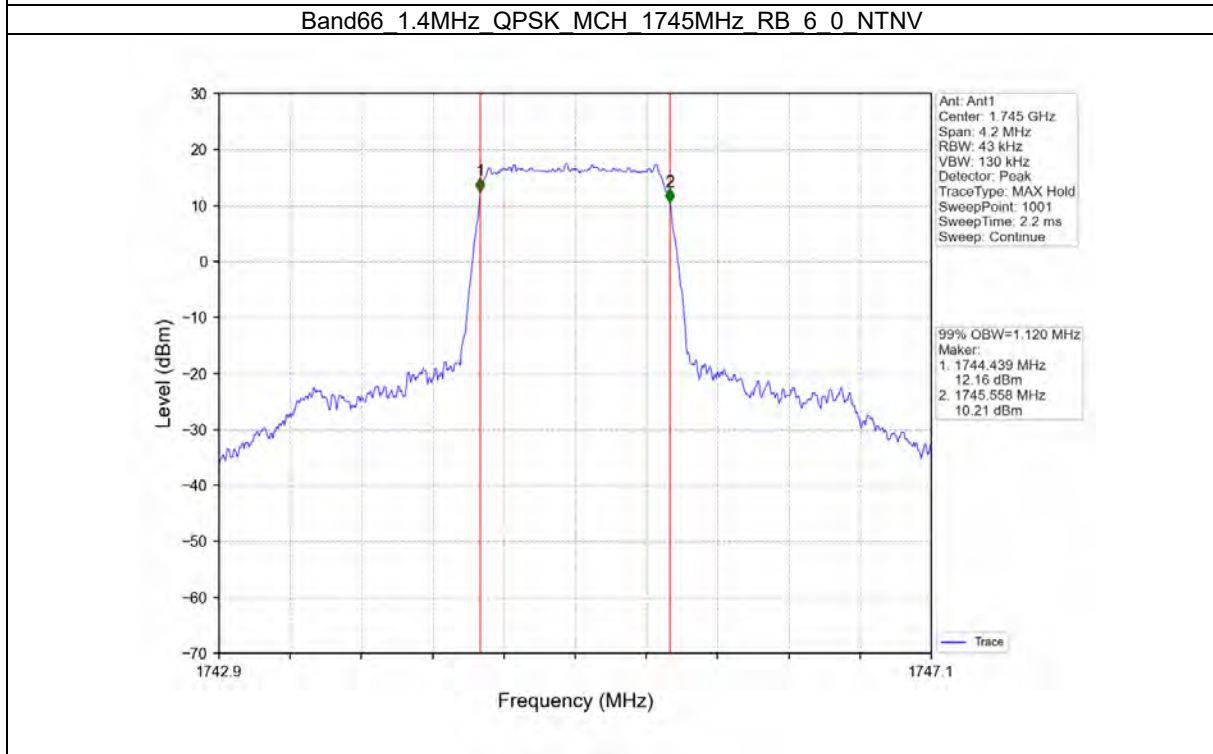
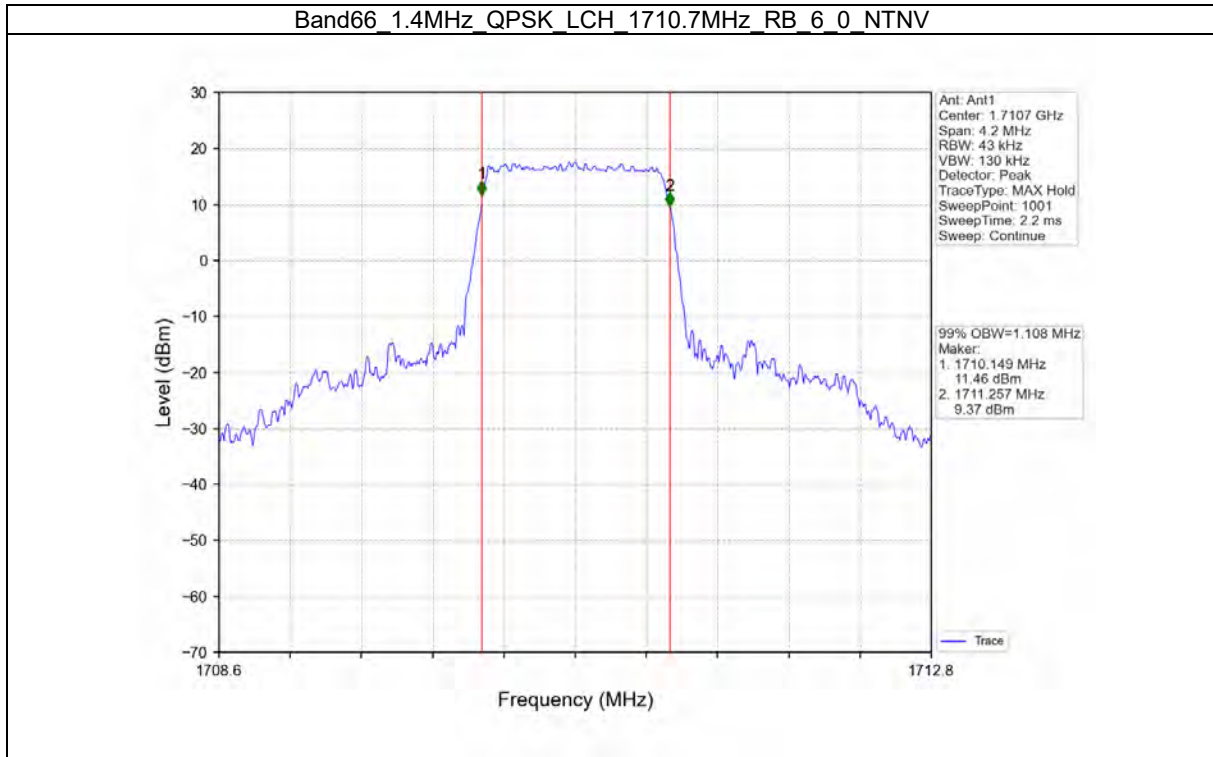
**BUREAU
VERITAS**

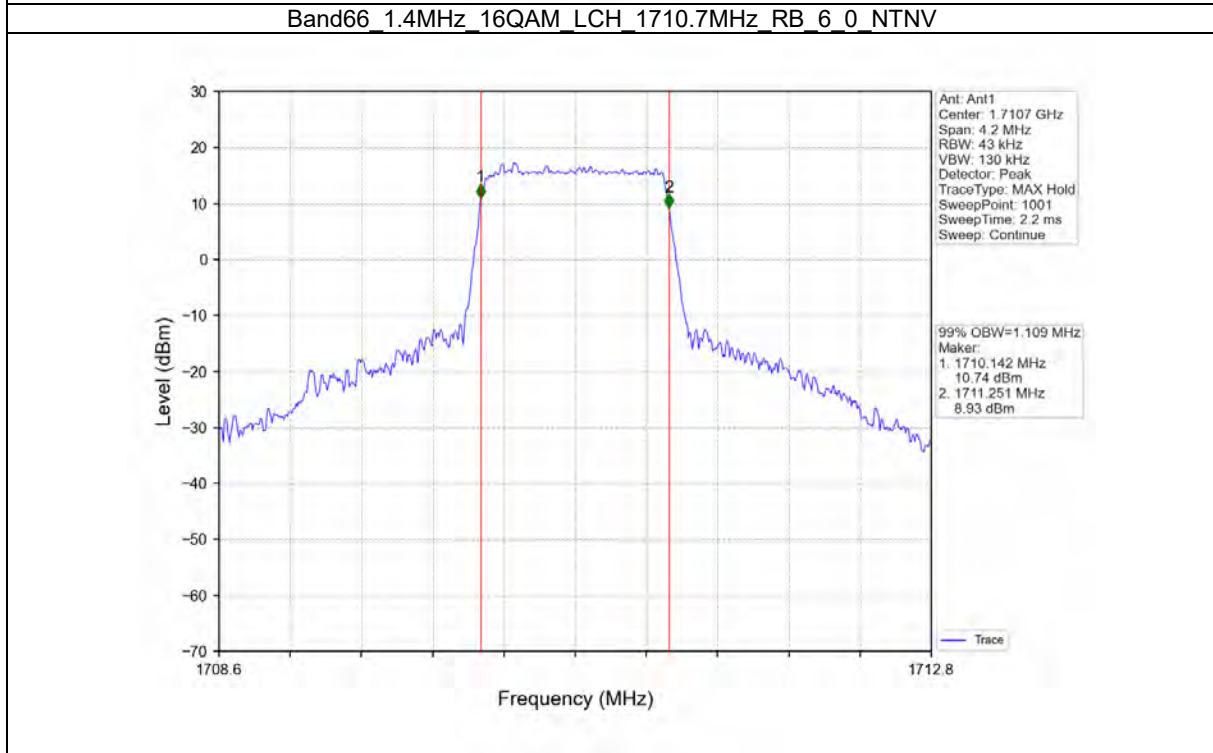
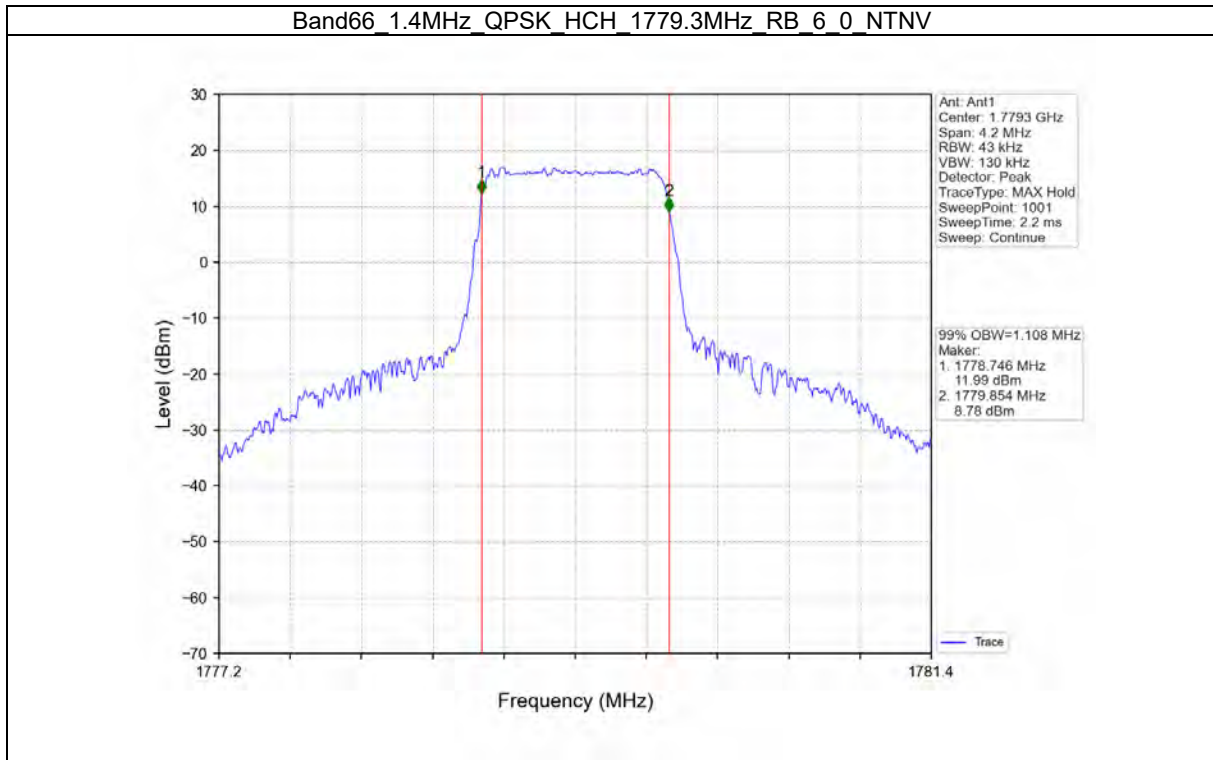
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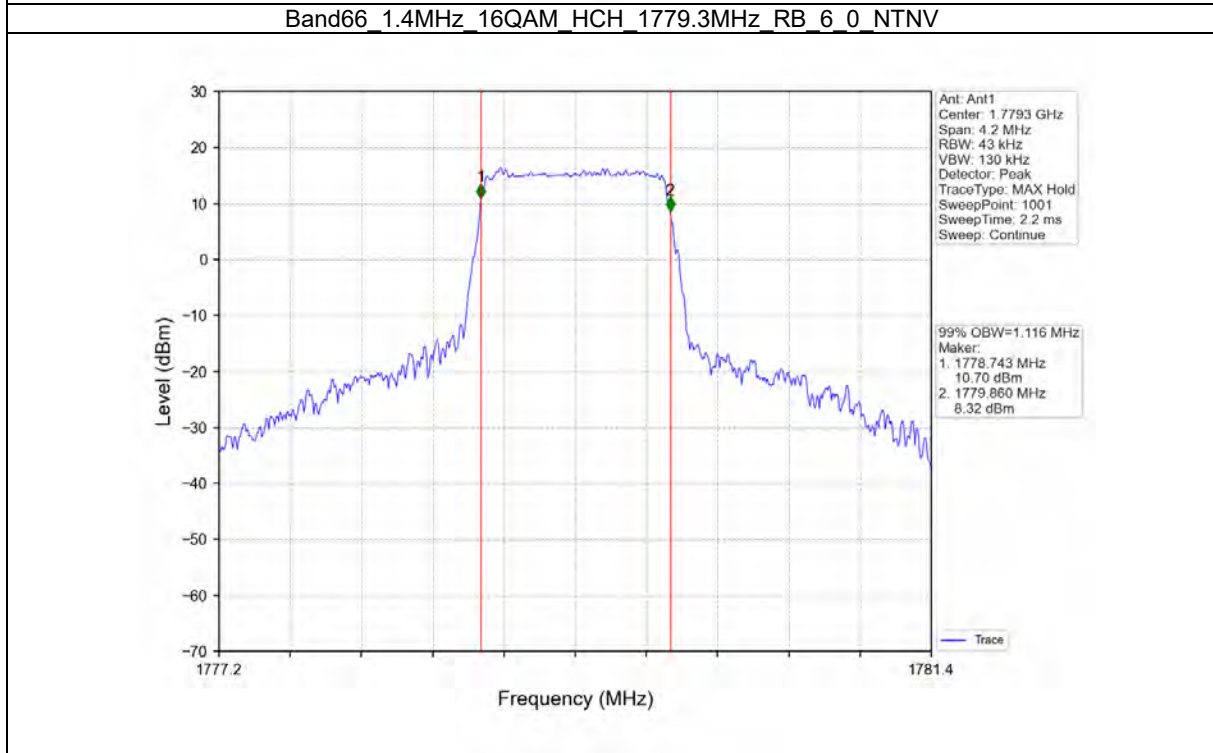
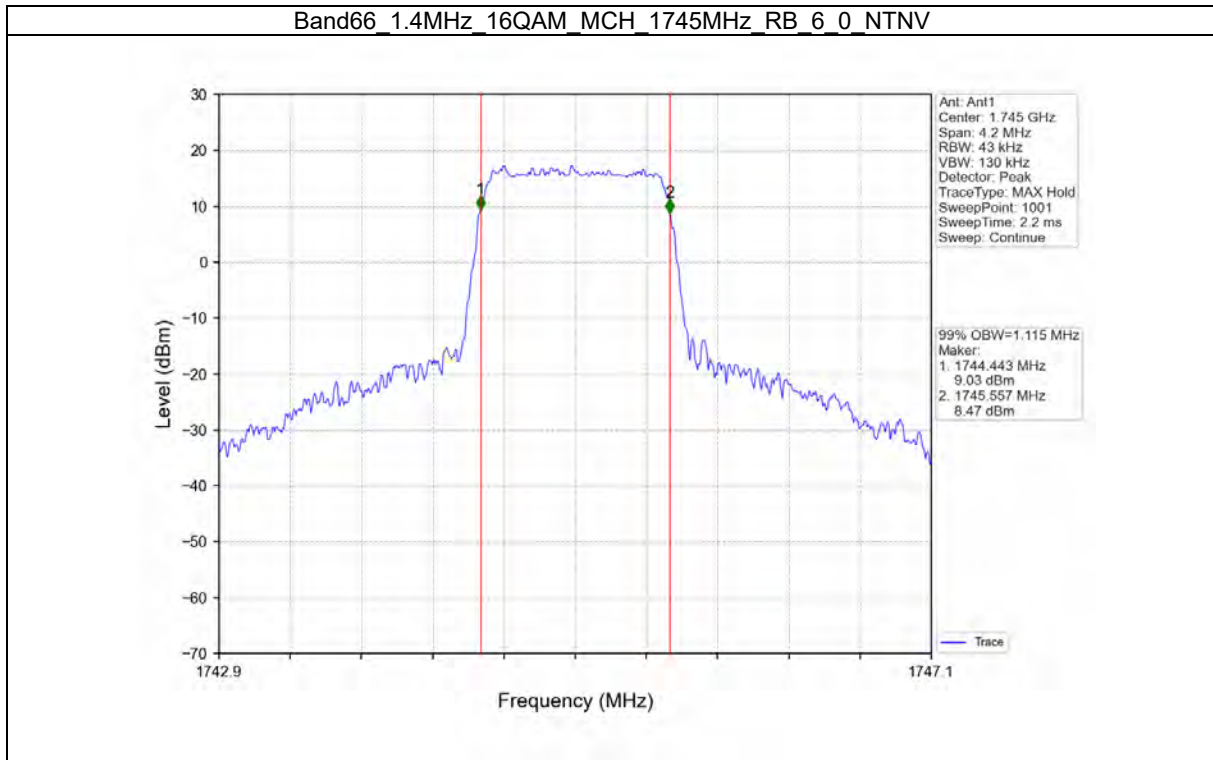
99% & 26DB BANDWIDTH 99%_OBW TEST RESULT

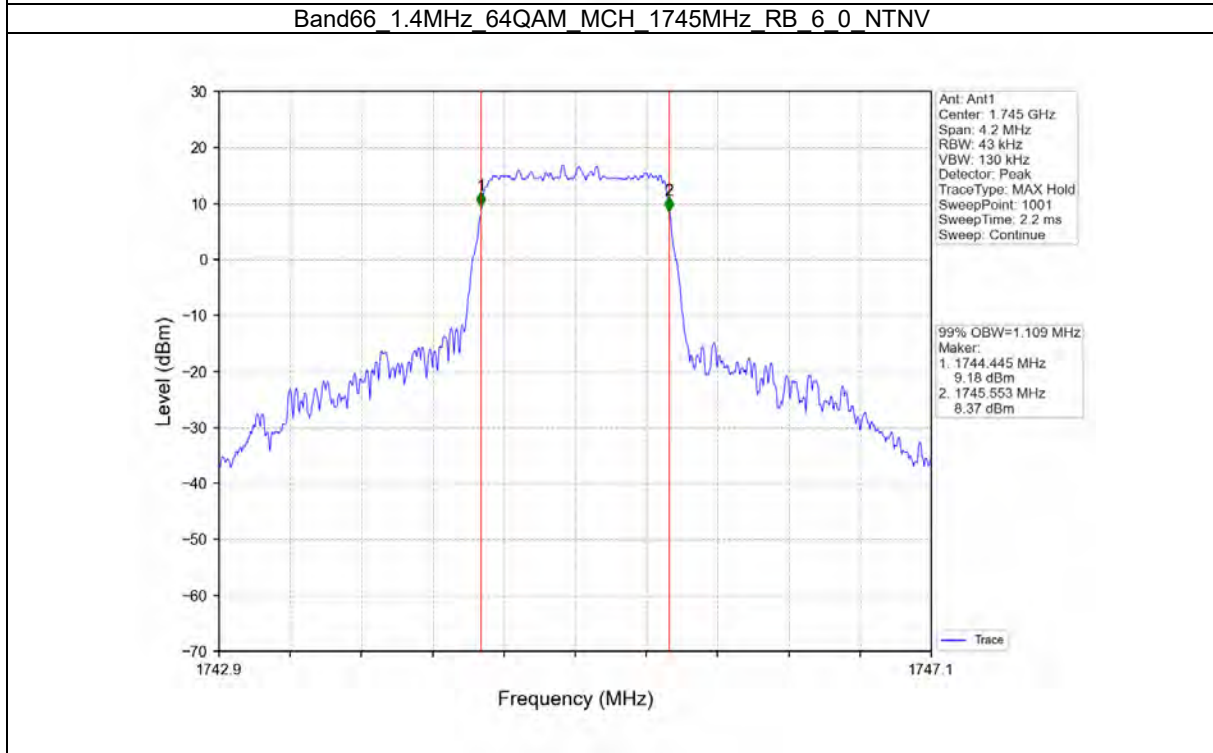
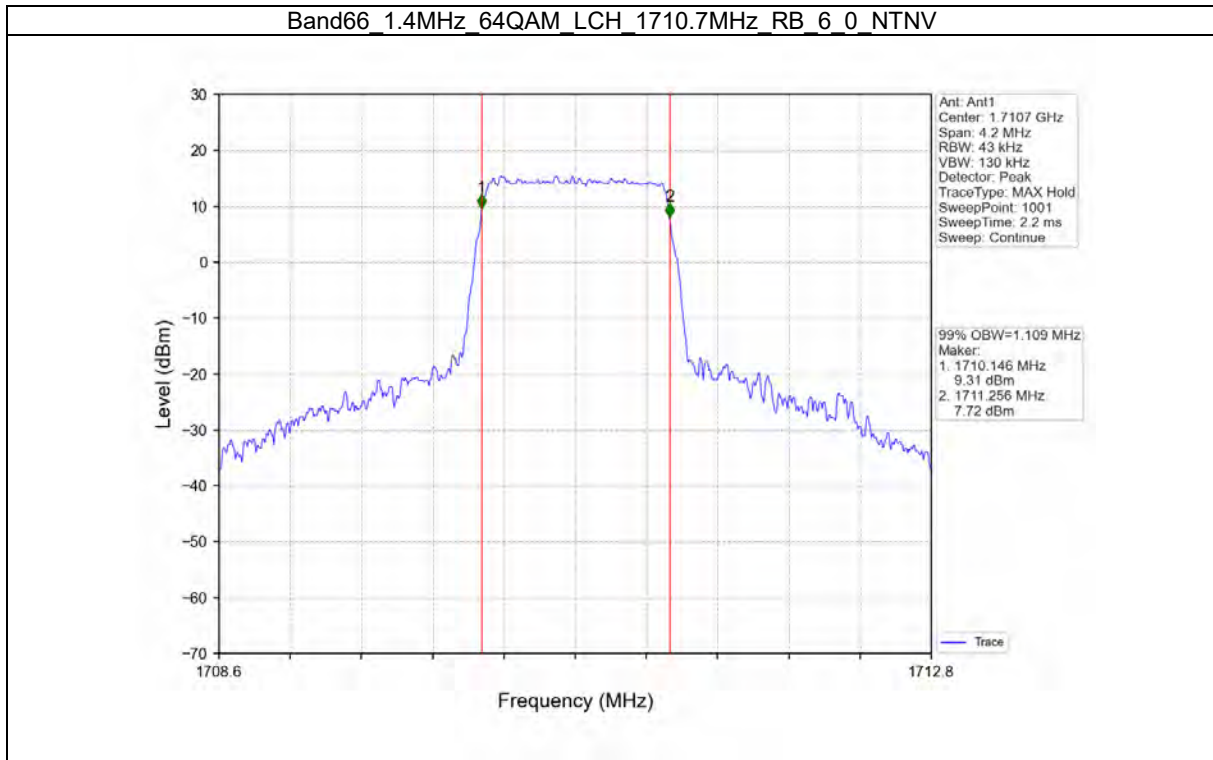
Band: 66 / NTVN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.108	Pass
		1745	6	0	1.120	Pass
		1779.3	6	0	1.108	Pass
	16QAM	1710.7	6	0	1.109	Pass
		1745	6	0	1.115	Pass
		1779.3	6	0	1.116	Pass
	64QAM	1710.7	6	0	1.109	Pass
		1745	6	0	1.109	Pass
		1779.3	6	0	1.111	Pass
3	QPSK	1711.5	15	0	2.754	Pass
		1745	15	0	2.766	Pass
		1778.5	15	0	2.763	Pass
	16QAM	1711.5	15	0	2.781	Pass
		1745	15	0	2.758	Pass
		1778.5	15	0	2.767	Pass
	64QAM	1711.5	15	0	2.768	Pass
		1745	15	0	2.736	Pass
		1778.5	15	0	2.767	Pass
5	QPSK	1712.5	25	0	4.564	Pass
		1745	25	0	4.548	Pass
		1777.5	25	0	4.551	Pass
	16QAM	1712.5	25	0	4.555	Pass
		1745	25	0	4.577	Pass
		1777.5	25	0	4.575	Pass
	64QAM	1712.5	25	0	4.545	Pass
		1745	25	0	4.564	Pass
		1777.5	25	0	4.561	Pass
10	QPSK	1715	50	0	9.062	Pass
		1745	50	0	9.049	Pass
		1775	50	0	9.107	Pass
	16QAM	1715	50	0	9.085	Pass
		1745	50	0	9.063	Pass
		1775	50	0	9.093	Pass
	64QAM	1715	50	0	9.079	Pass
		1745	50	0	9.062	Pass
		1775	50	0	9.064	Pass
15	QPSK	1717.5	75	0	13.627	Pass
		1745	75	0	13.653	Pass
		1772.5	75	0	13.652	Pass
	16QAM	1717.5	75	0	13.676	Pass
		1745	75	0	13.660	Pass
		1772.5	75	0	13.690	Pass
	64QAM	1717.5	75	0	13.625	Pass
		1745	75	0	13.628	Pass
		1772.5	75	0	13.695	Pass
20	QPSK	1720	100	0	18.181	Pass
		1745	100	0	18.187	Pass
		1770	100	0	18.181	Pass
	16QAM	1720	100	0	18.160	Pass
		1745	100	0	18.150	Pass
		1770	100	0	18.163	Pass
	64QAM	1720	100	0	18.107	Pass
		1745	100	0	18.135	Pass
		1770	100	0	18.131	Pass

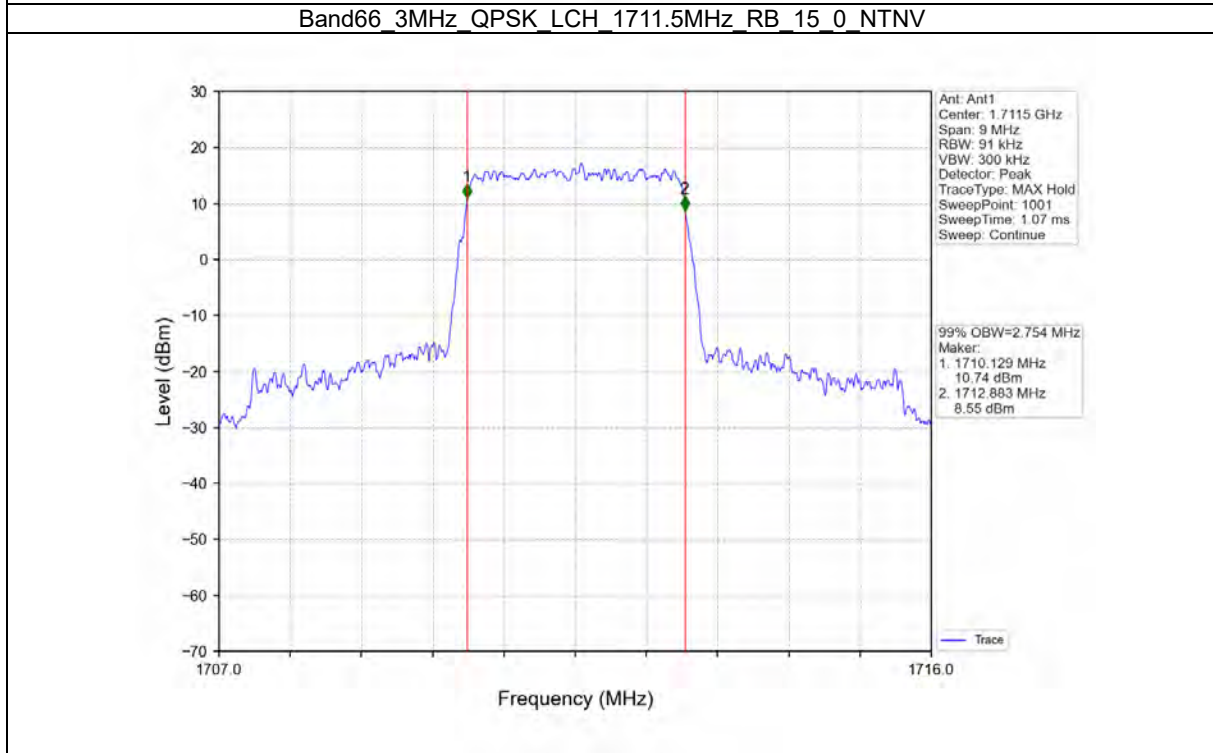
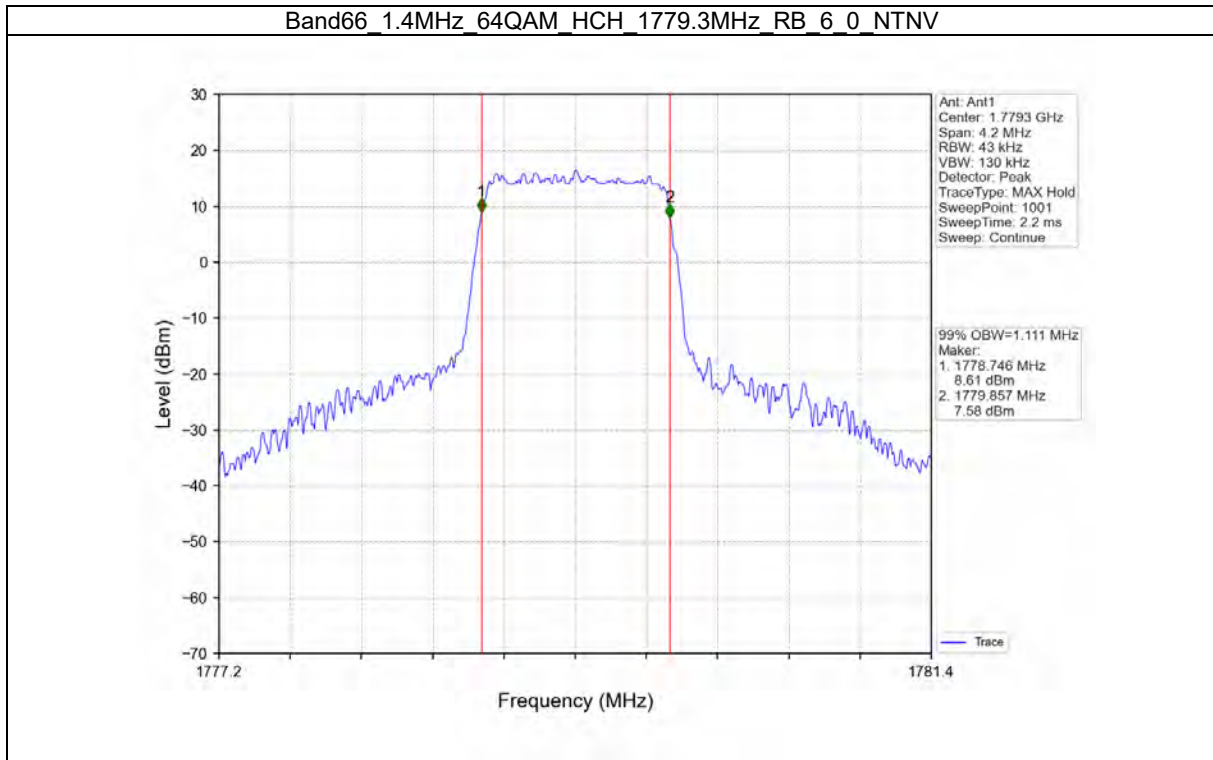
TEST GRAPH

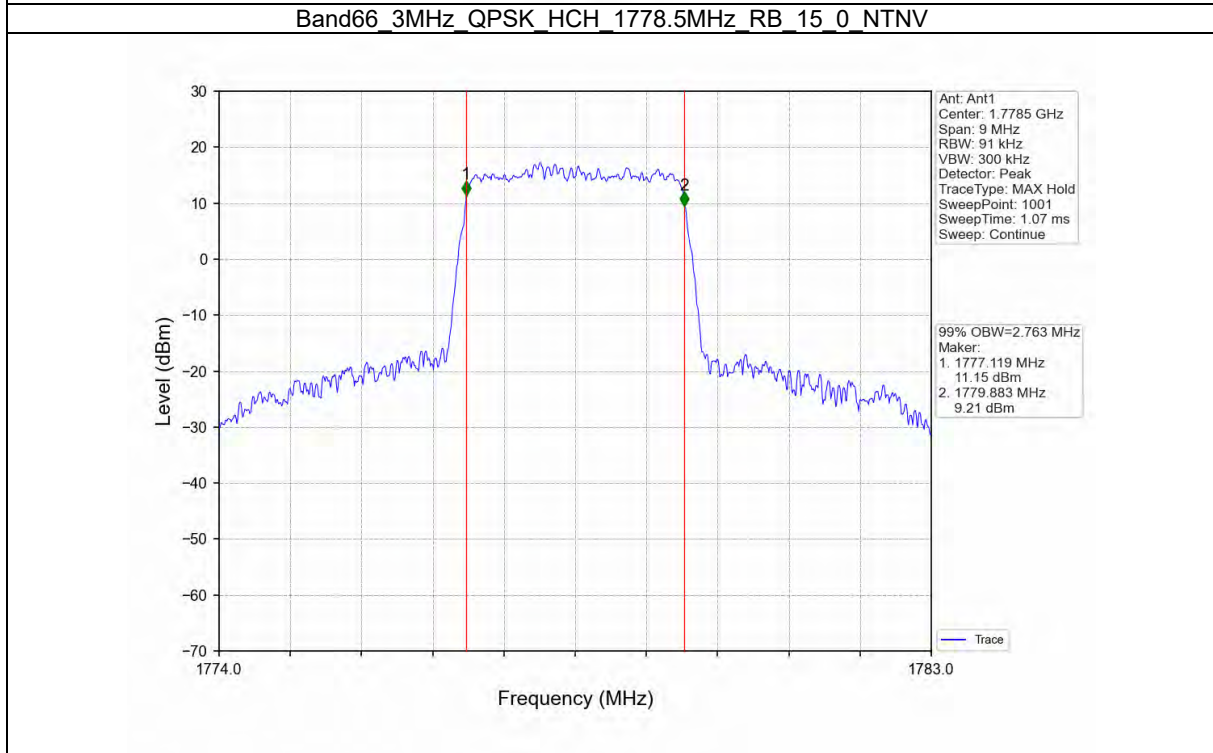
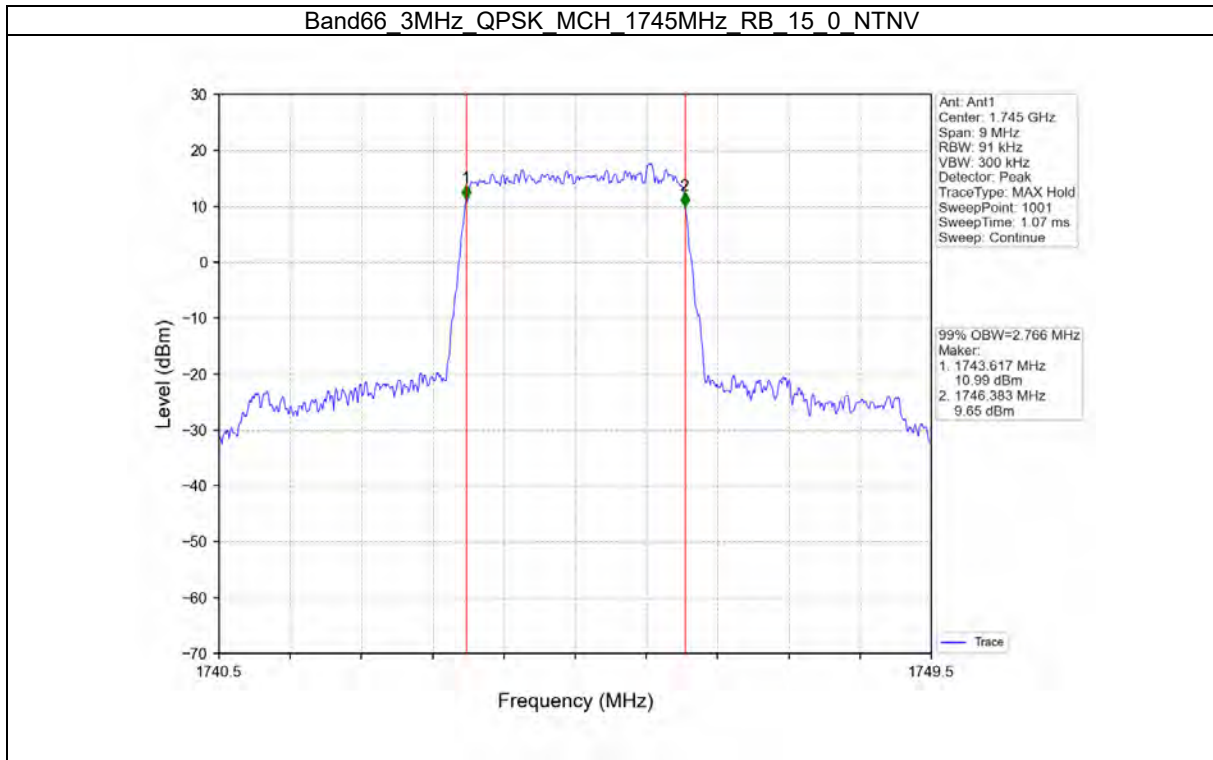


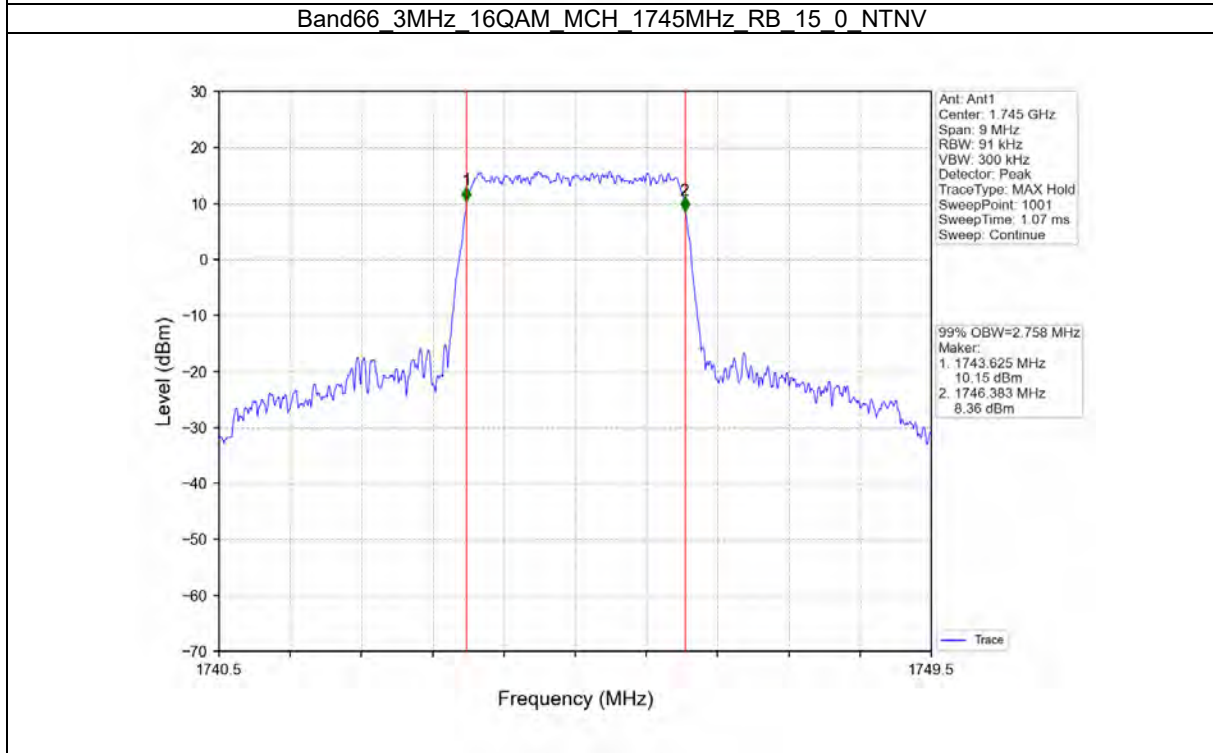
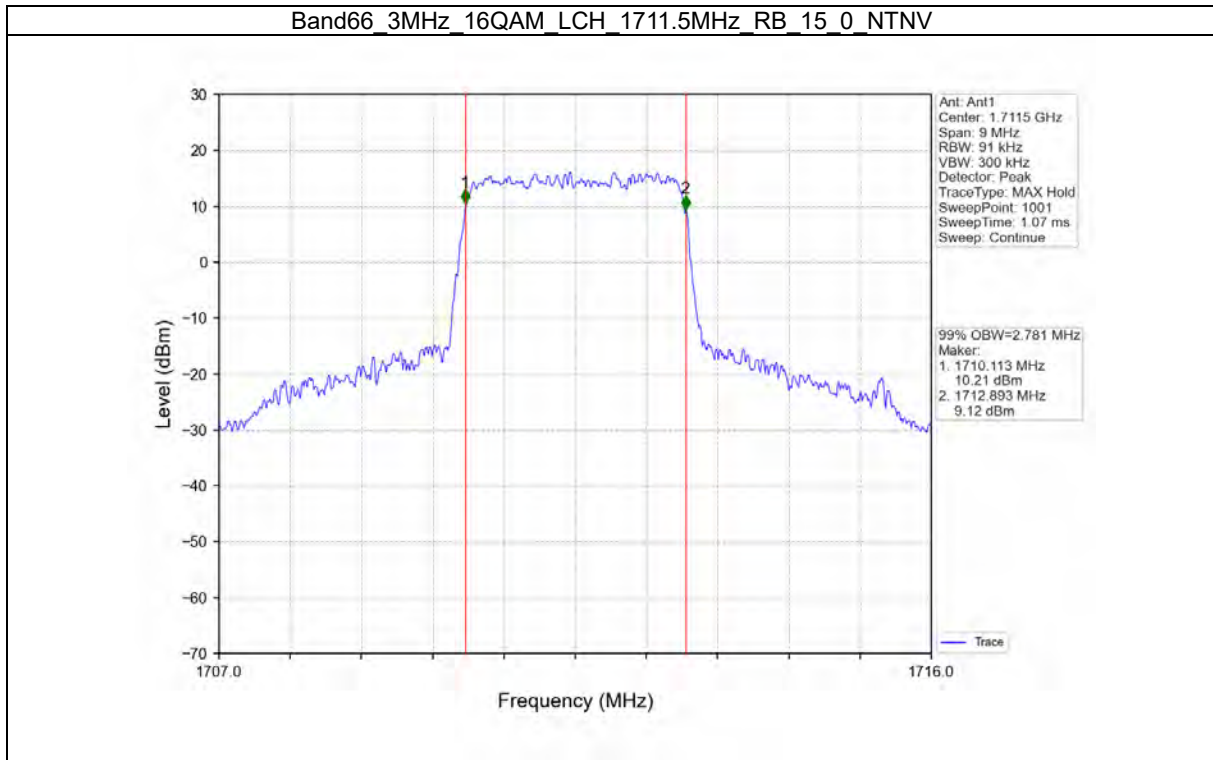


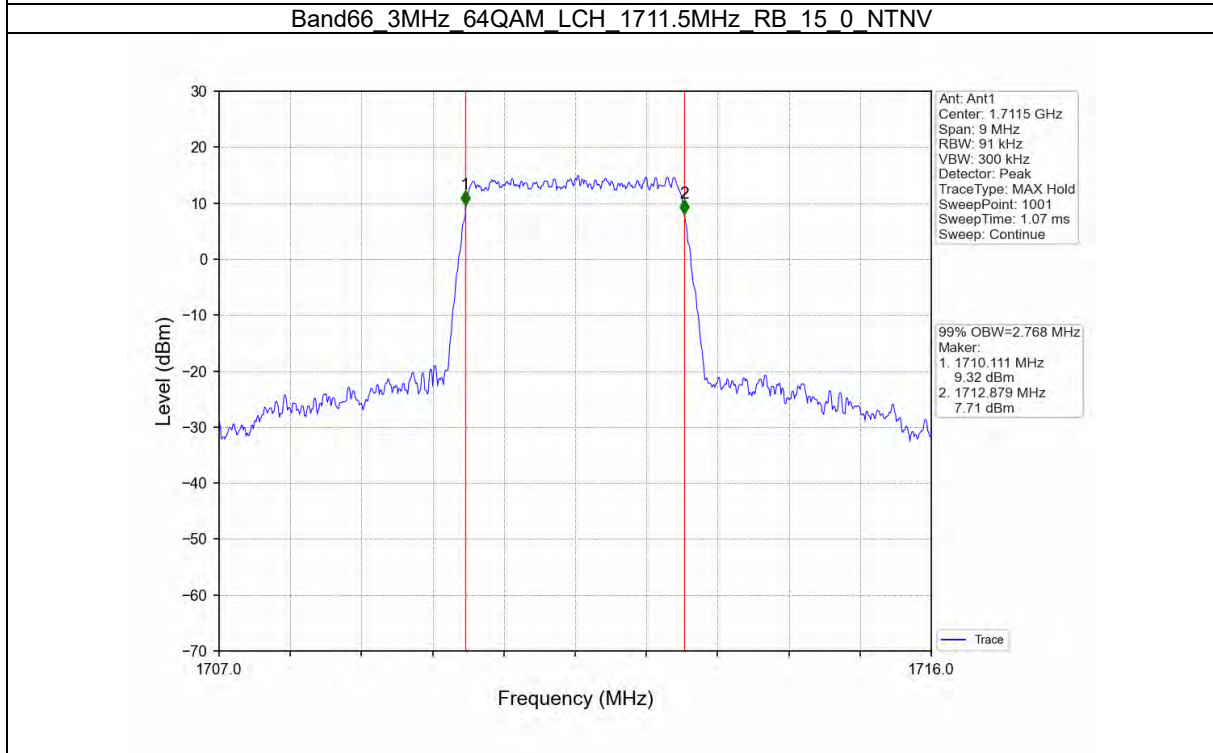
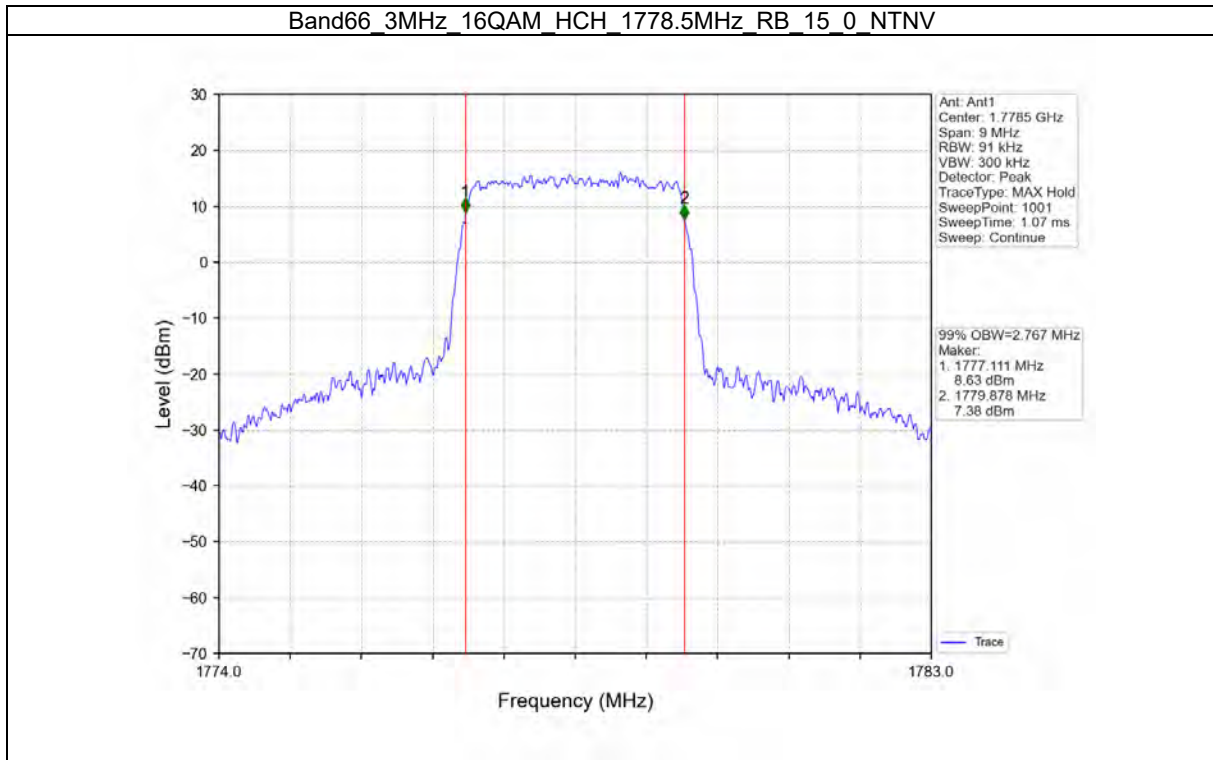


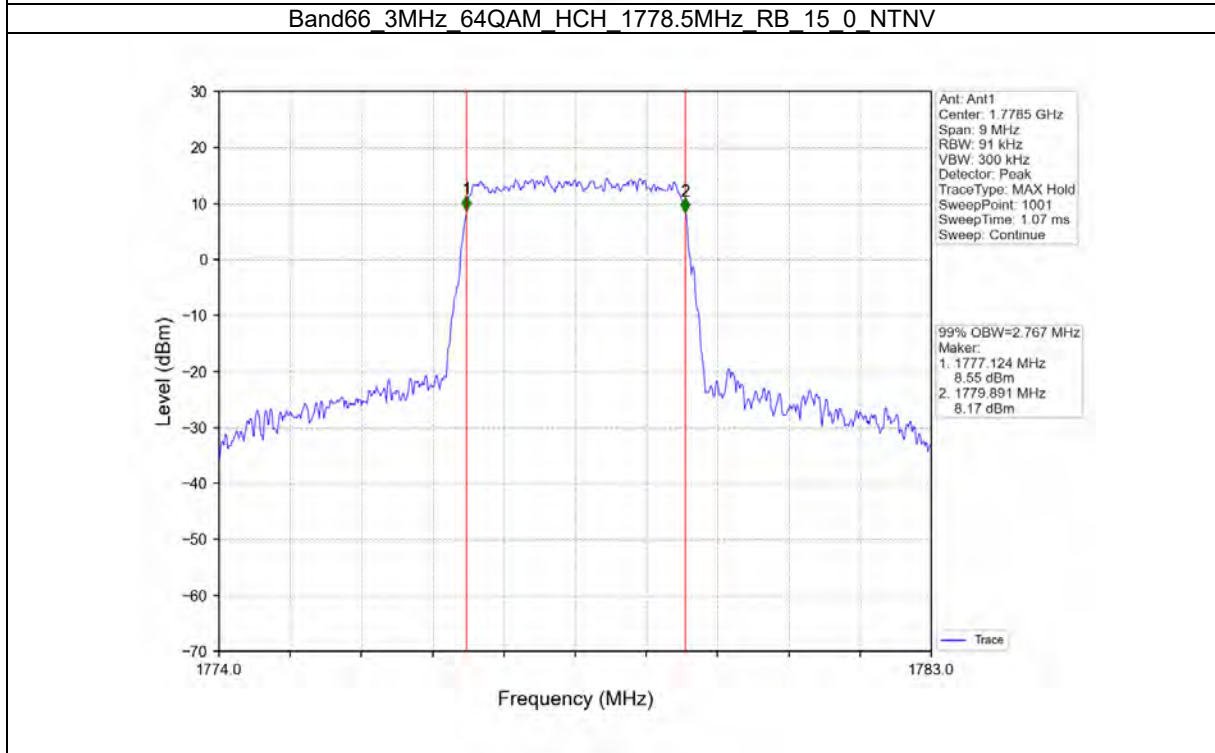
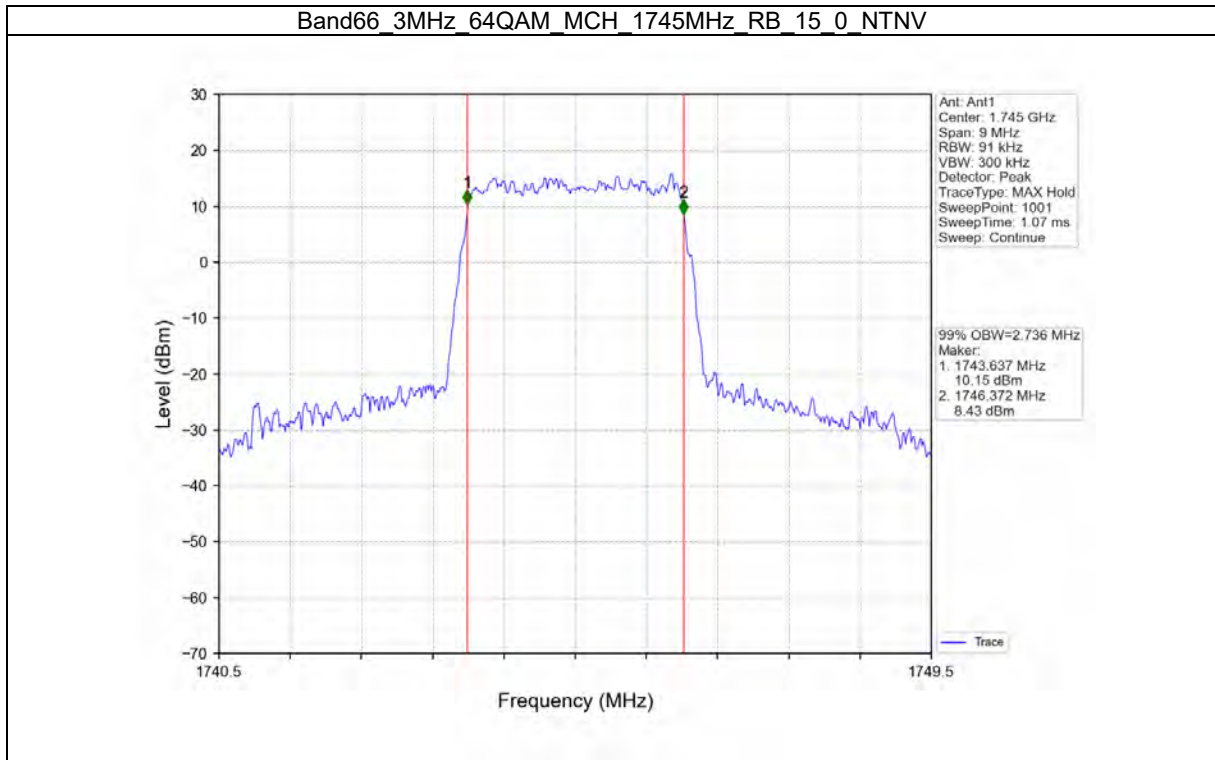


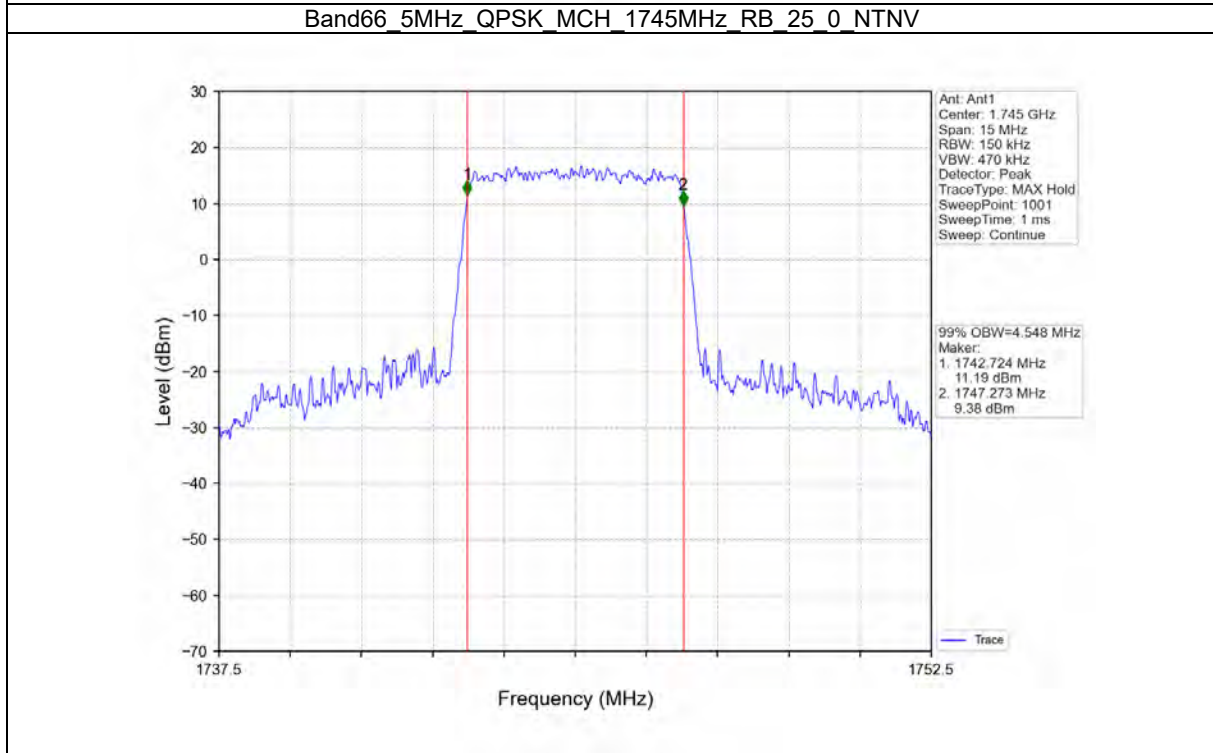
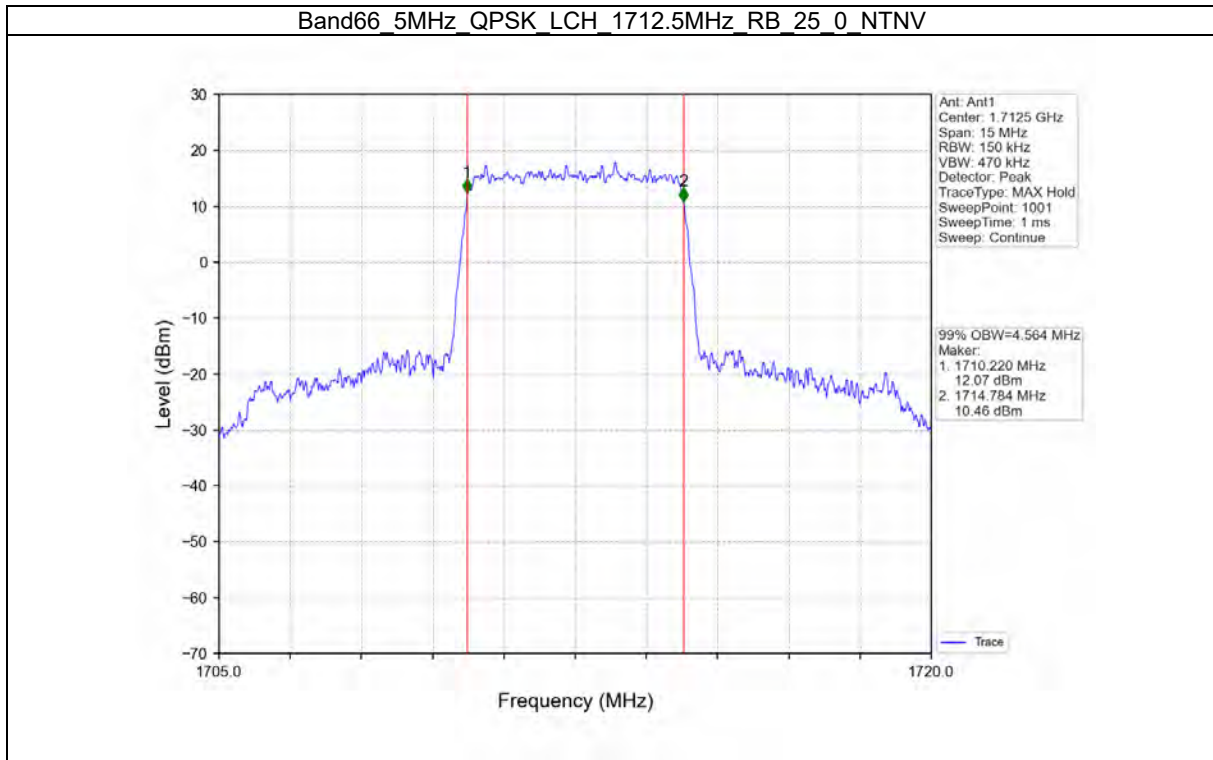


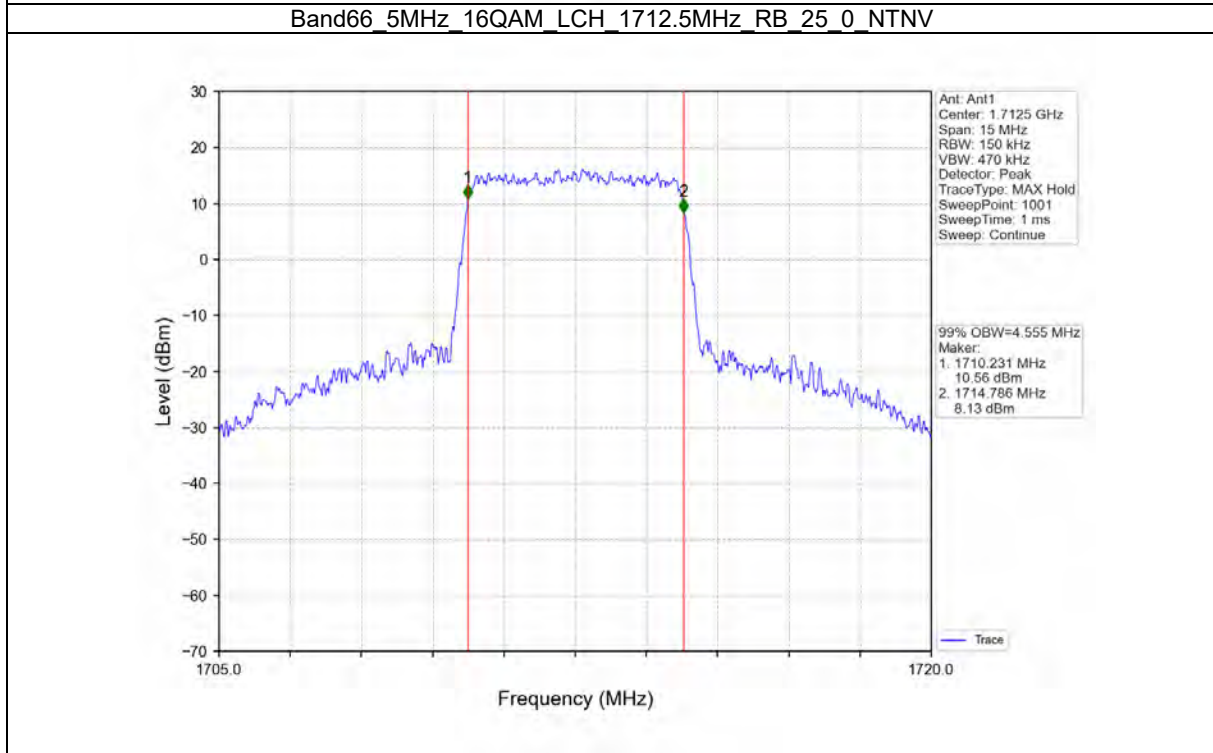
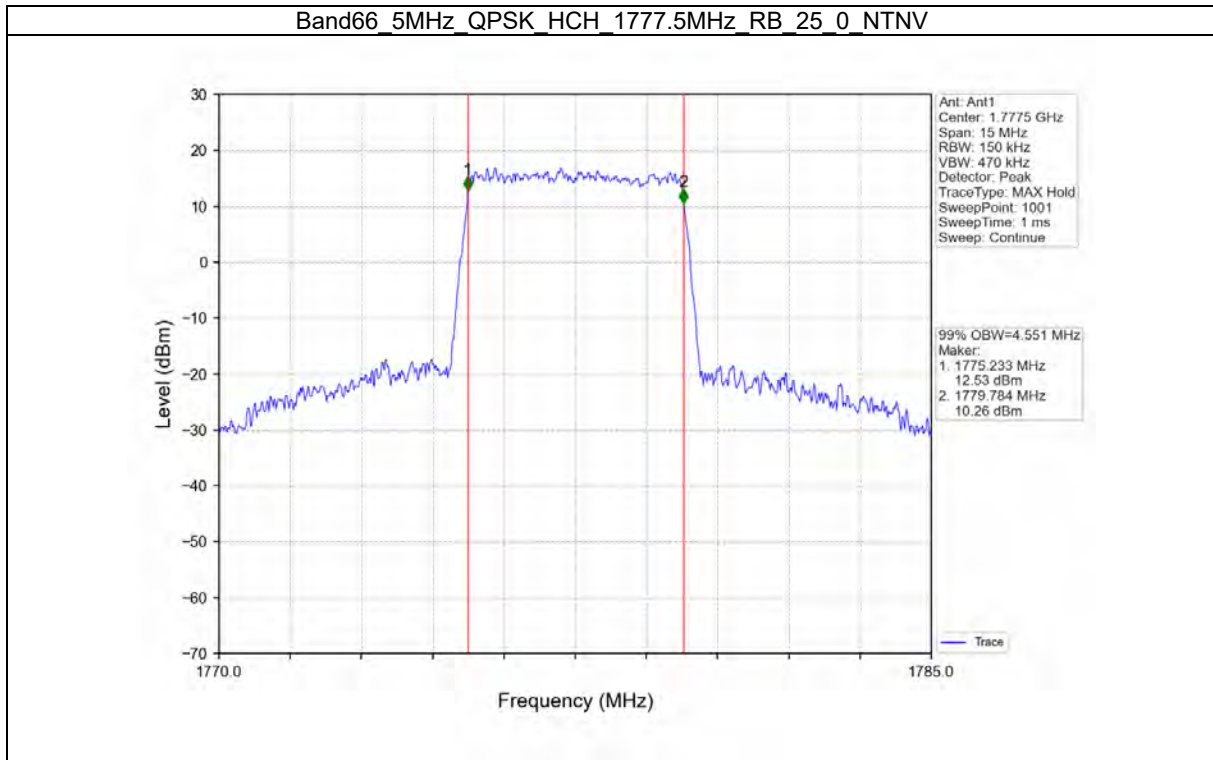


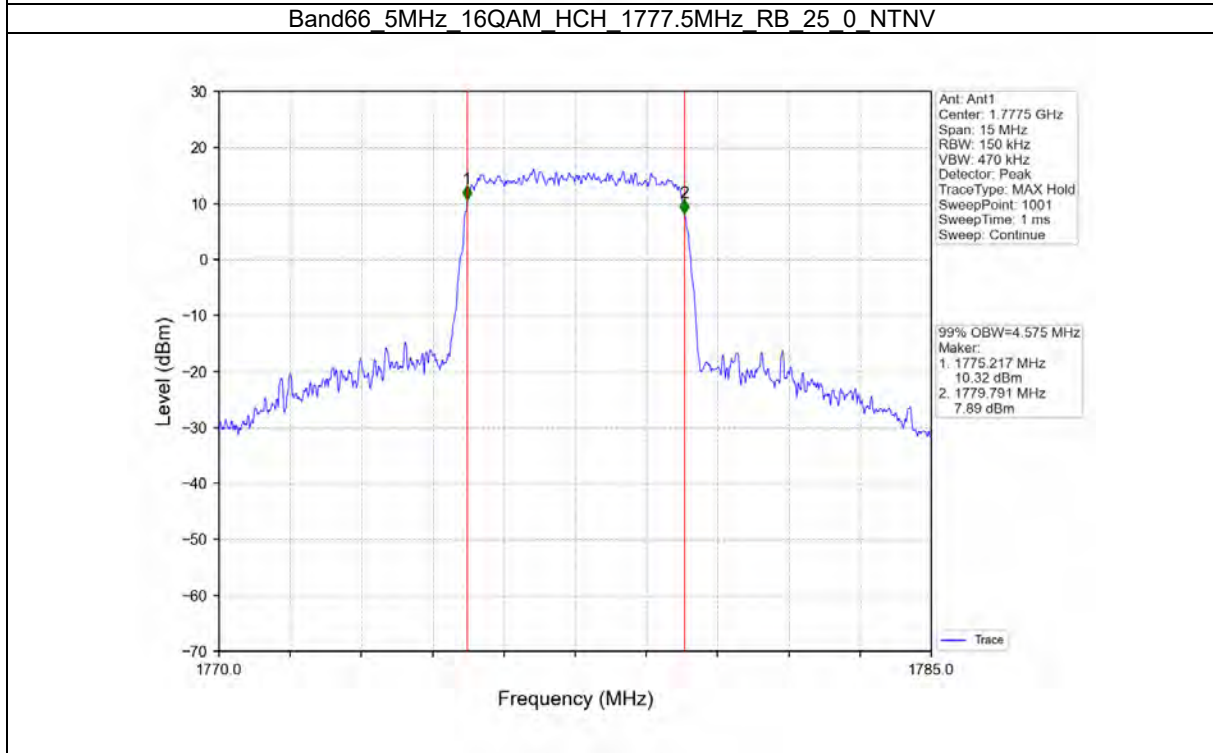
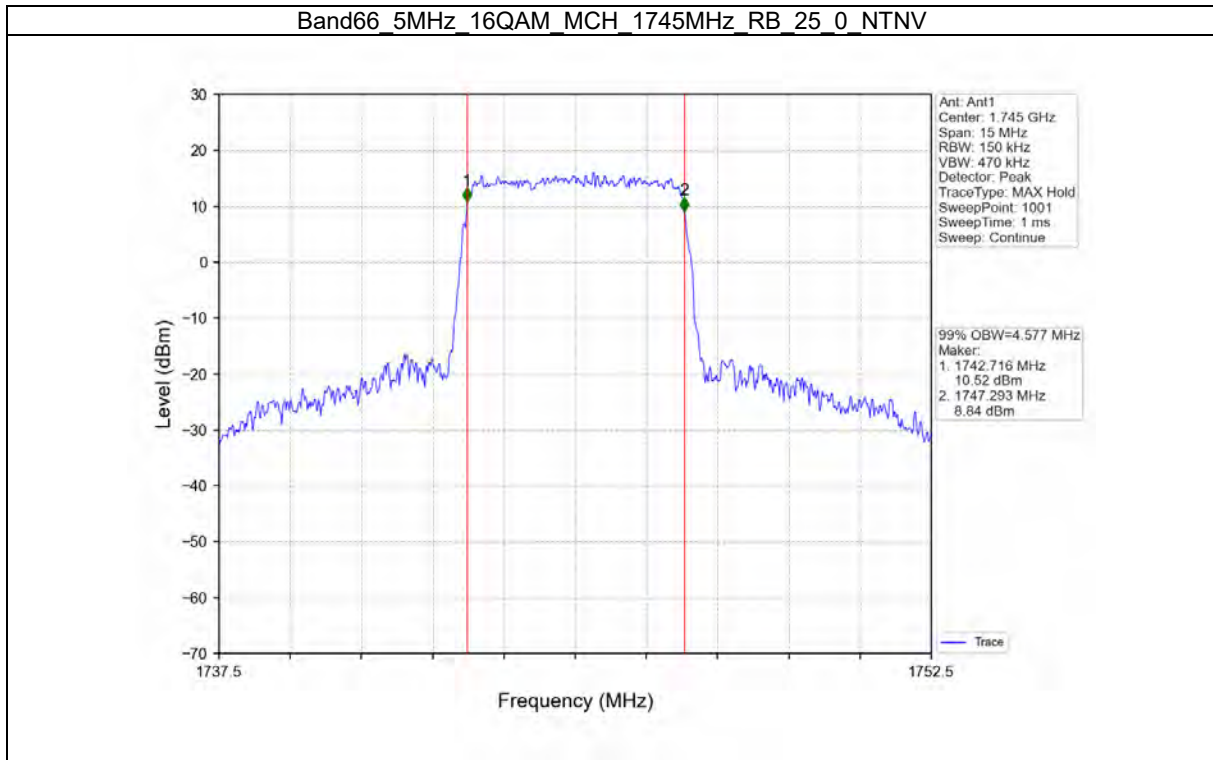


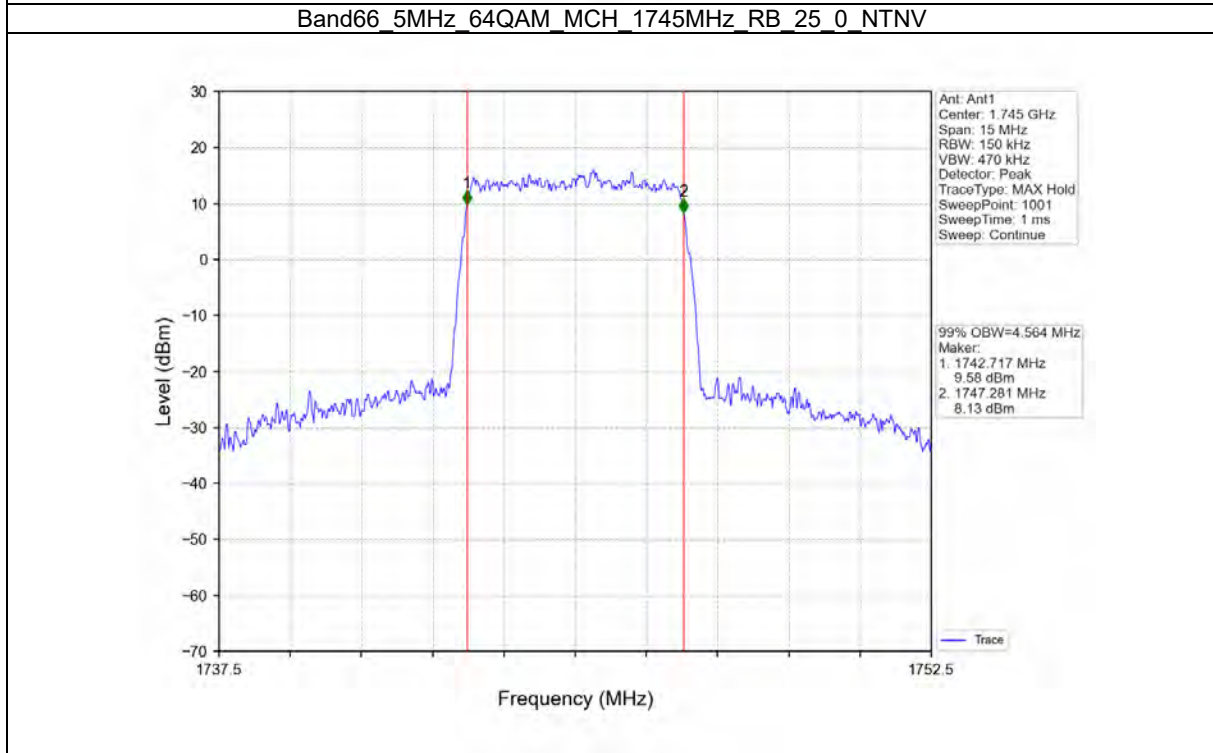
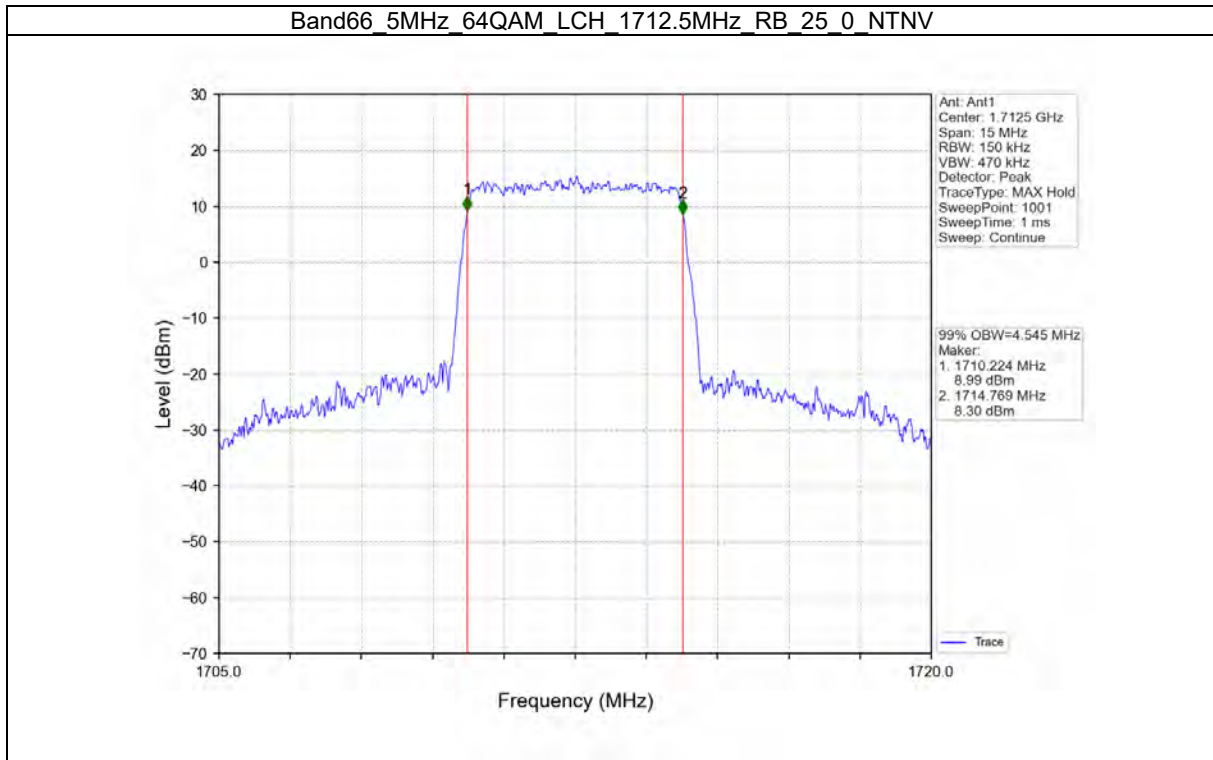


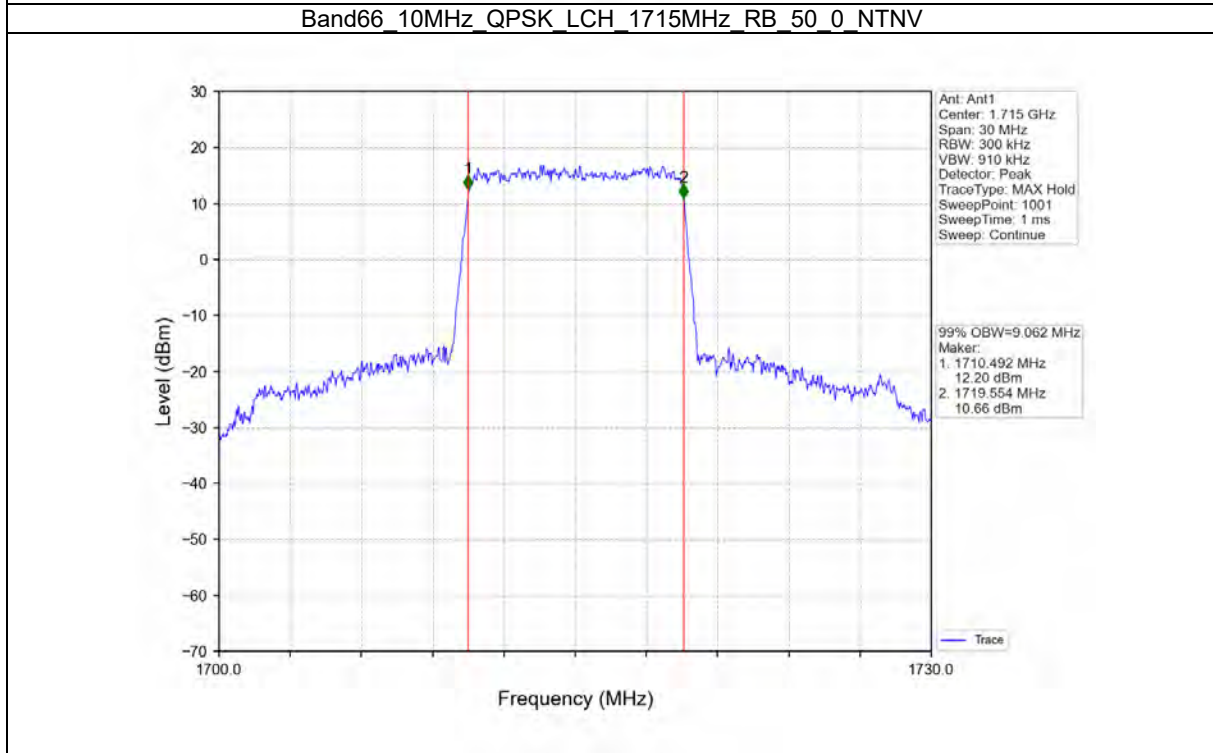
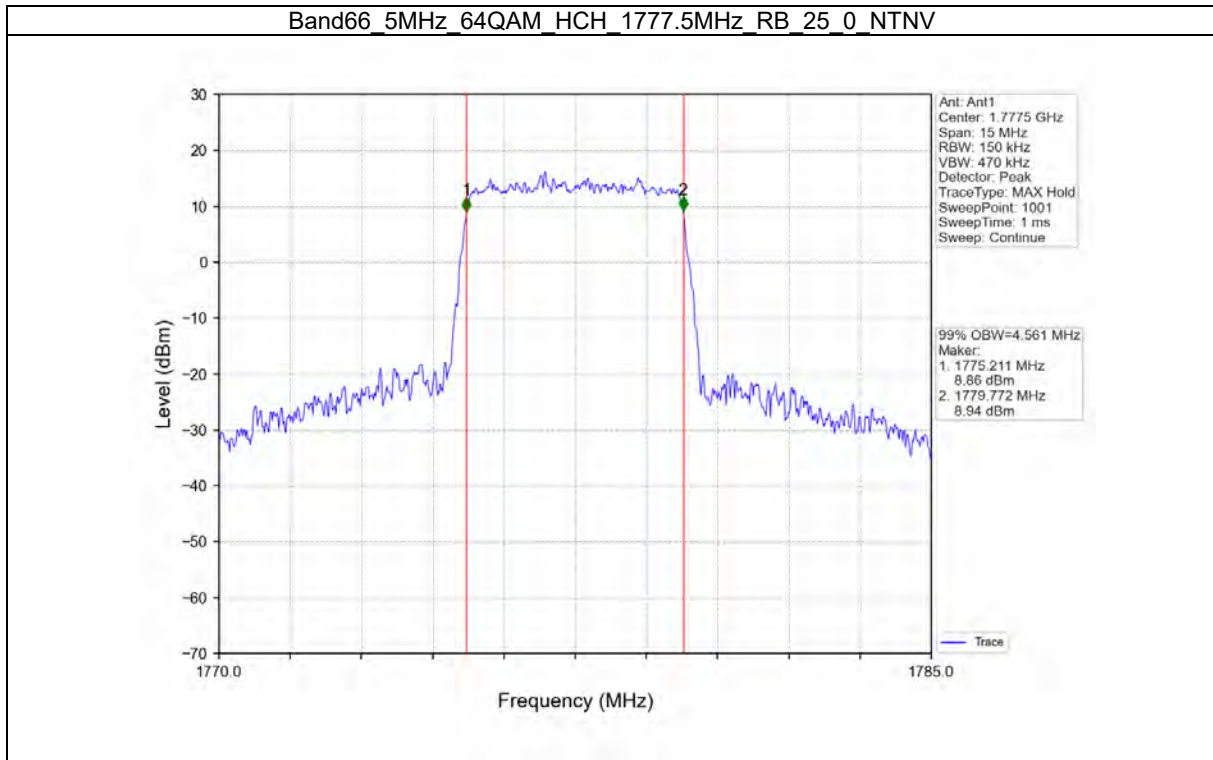


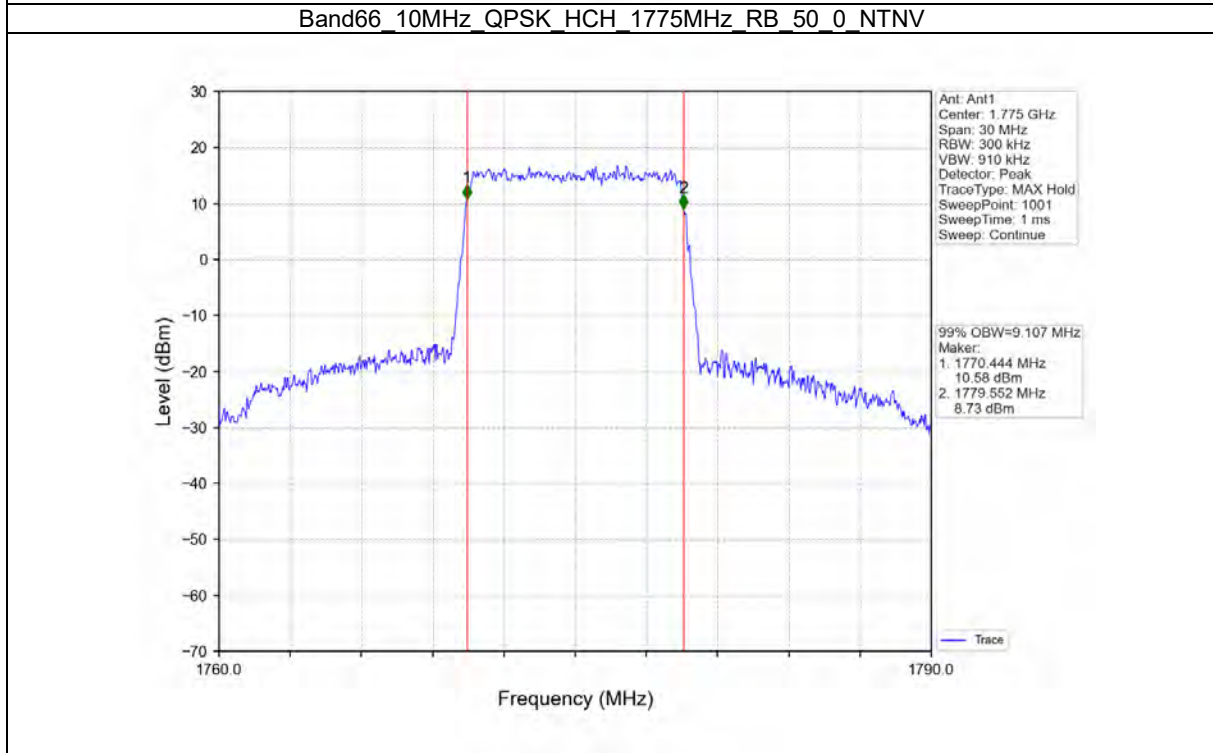
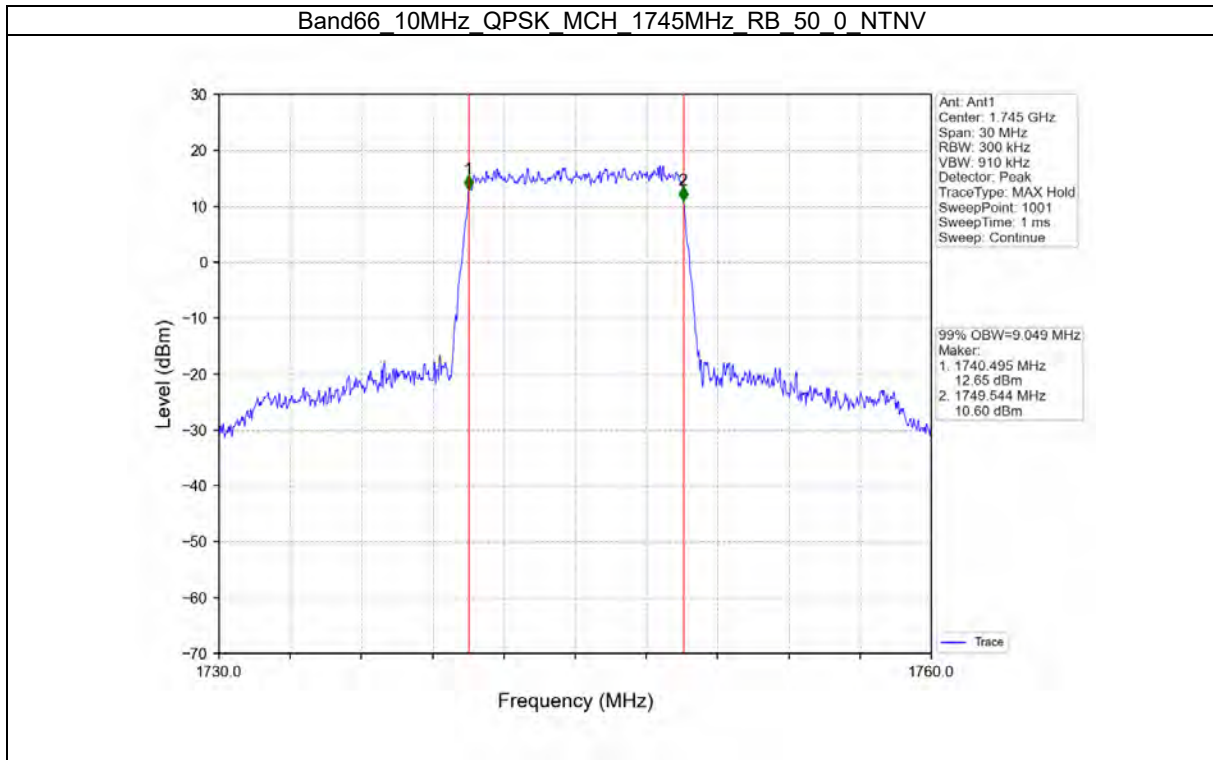


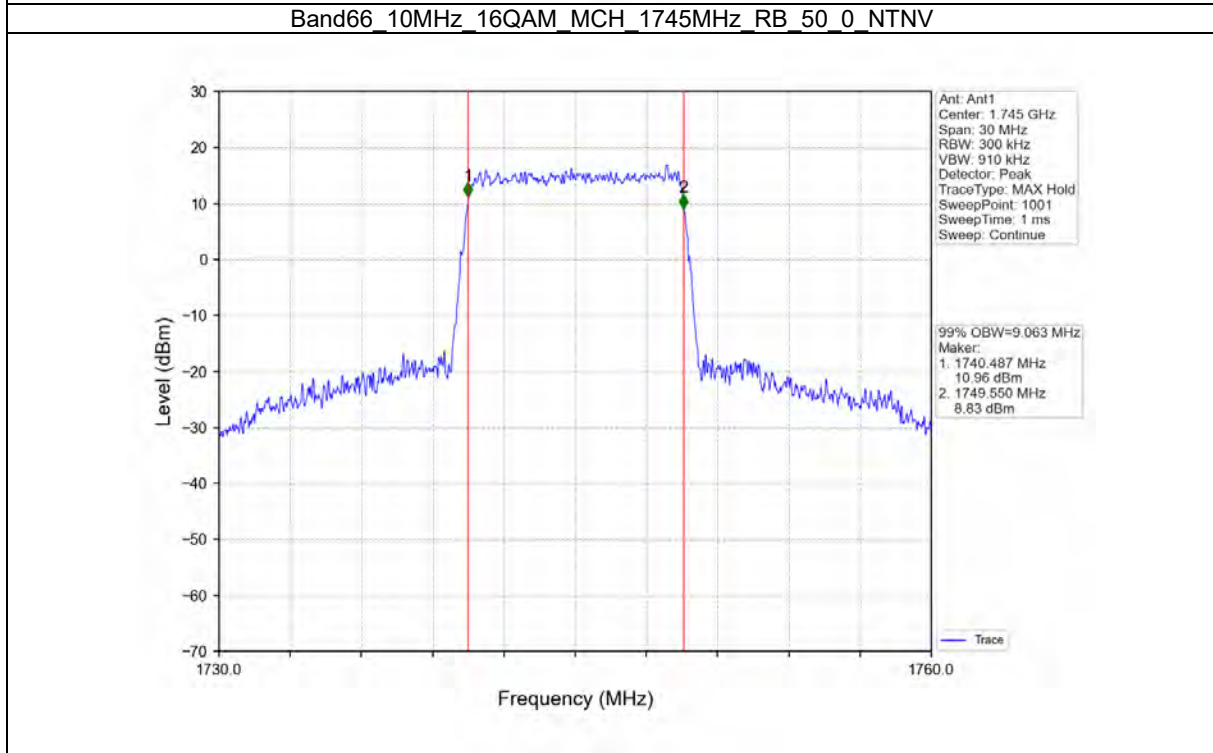
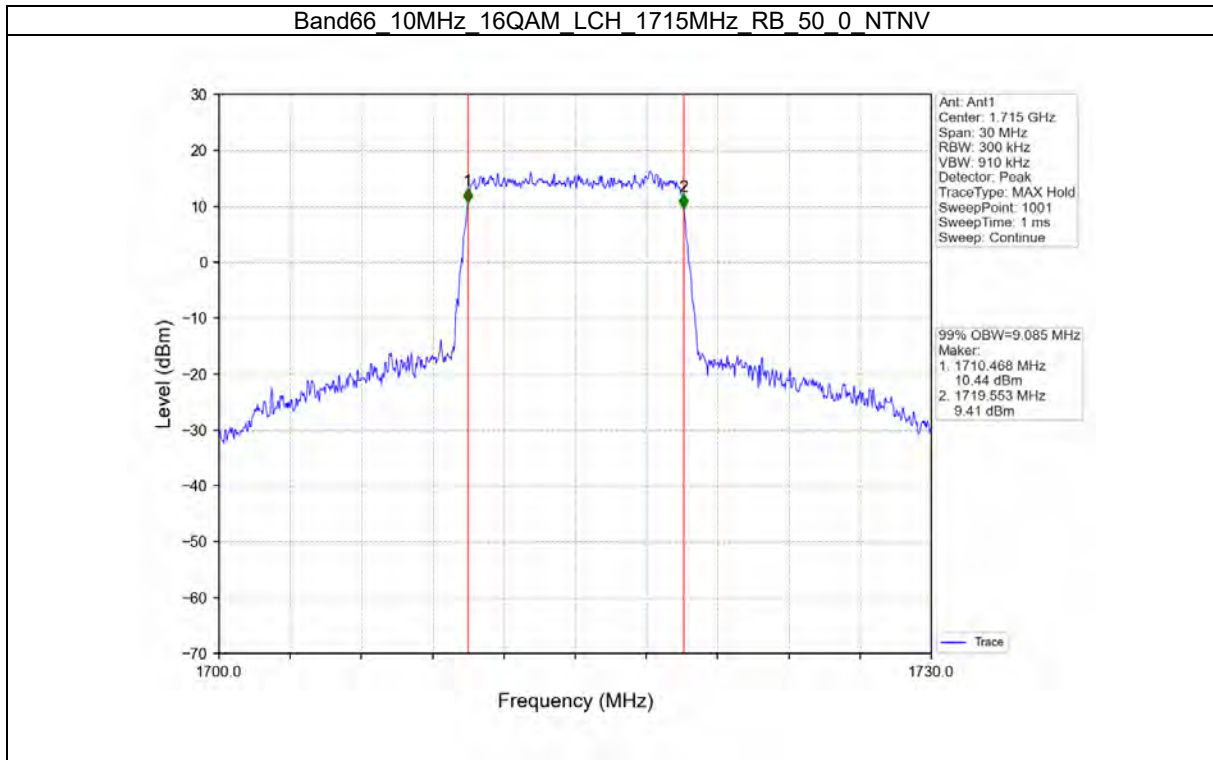


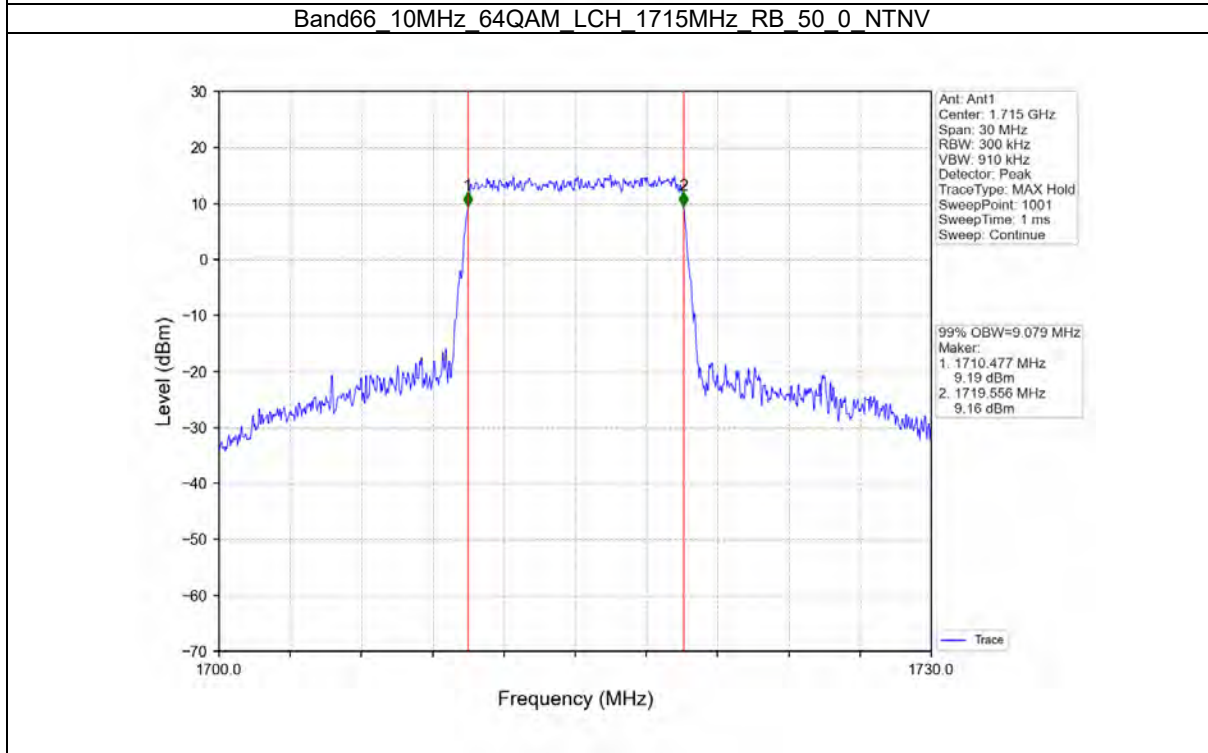
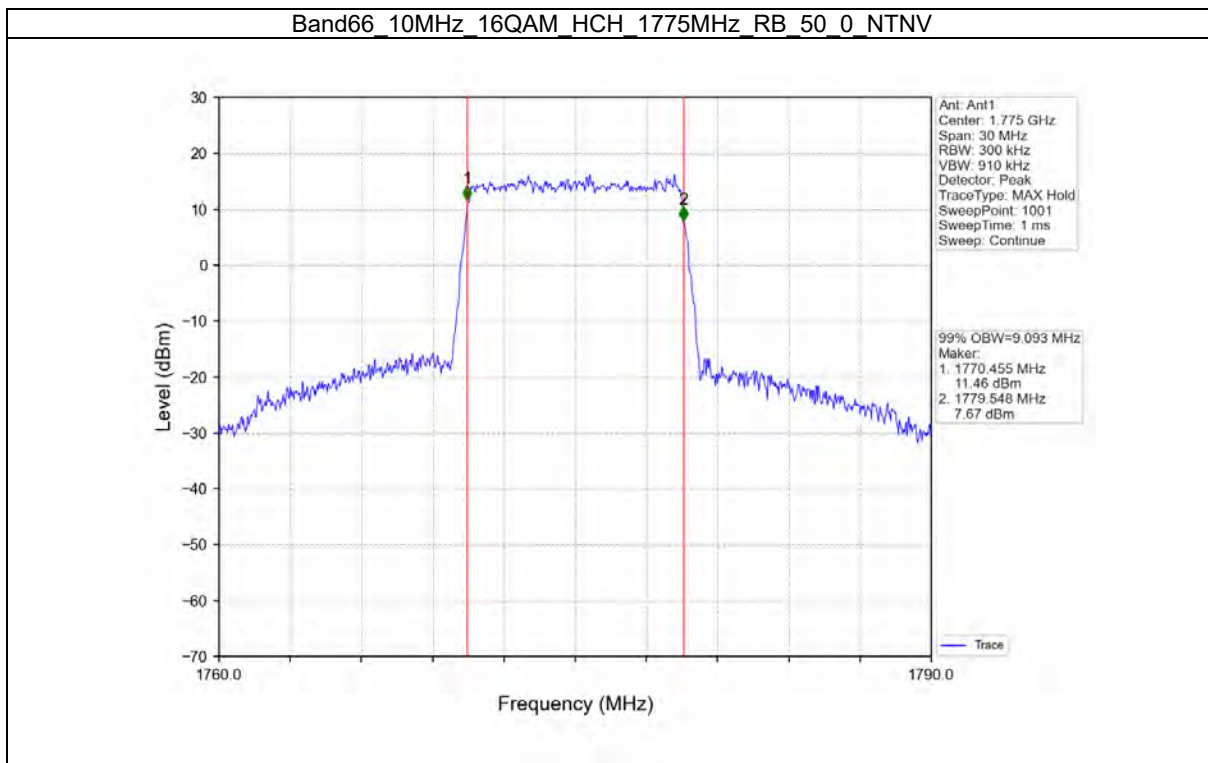


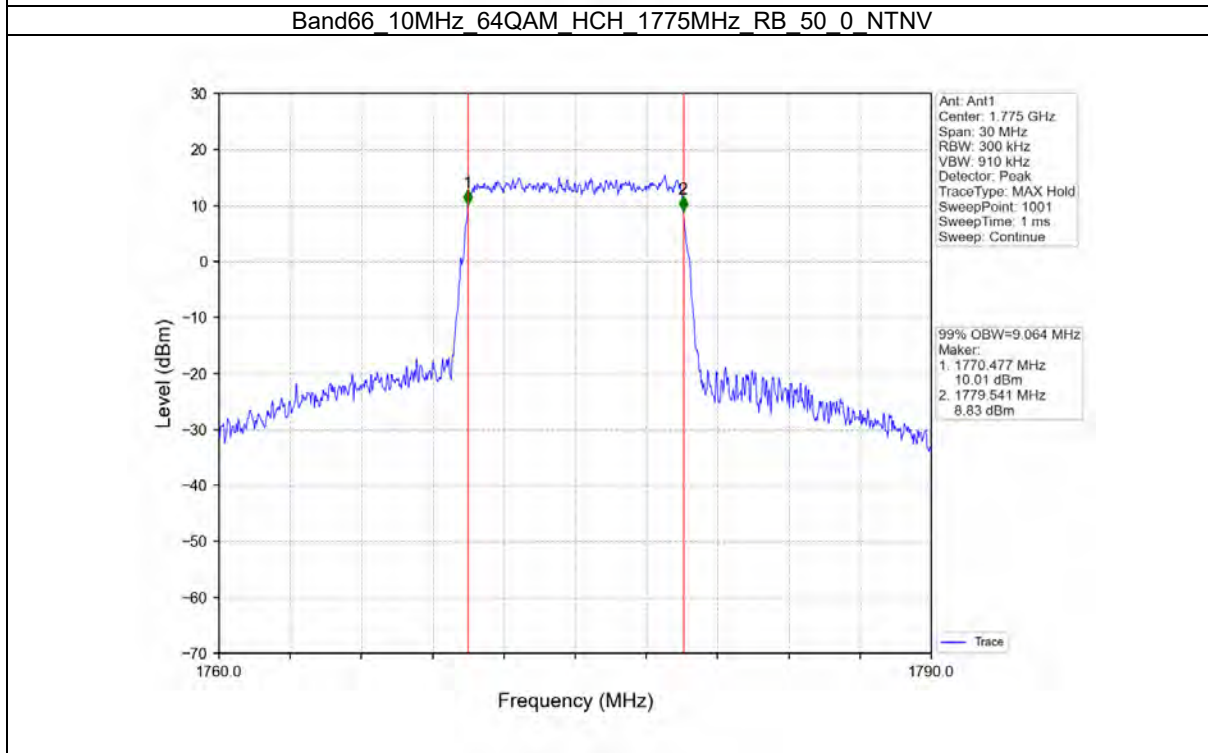
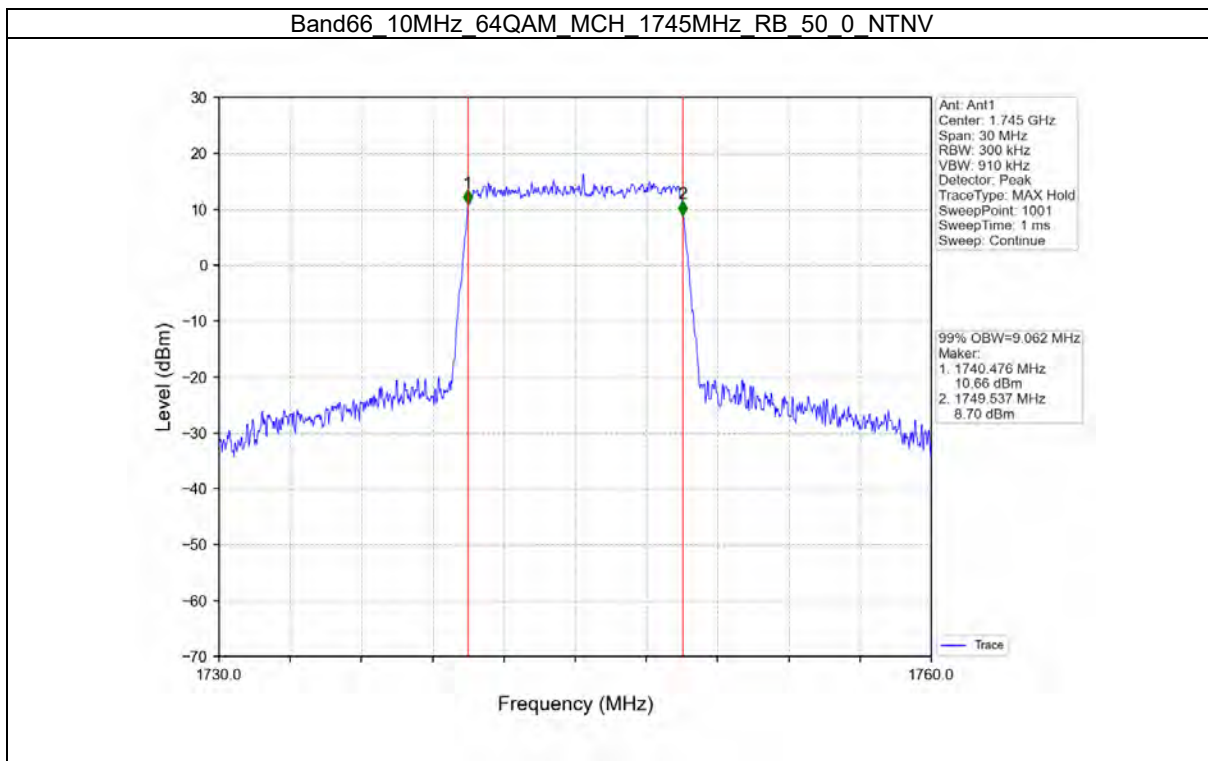


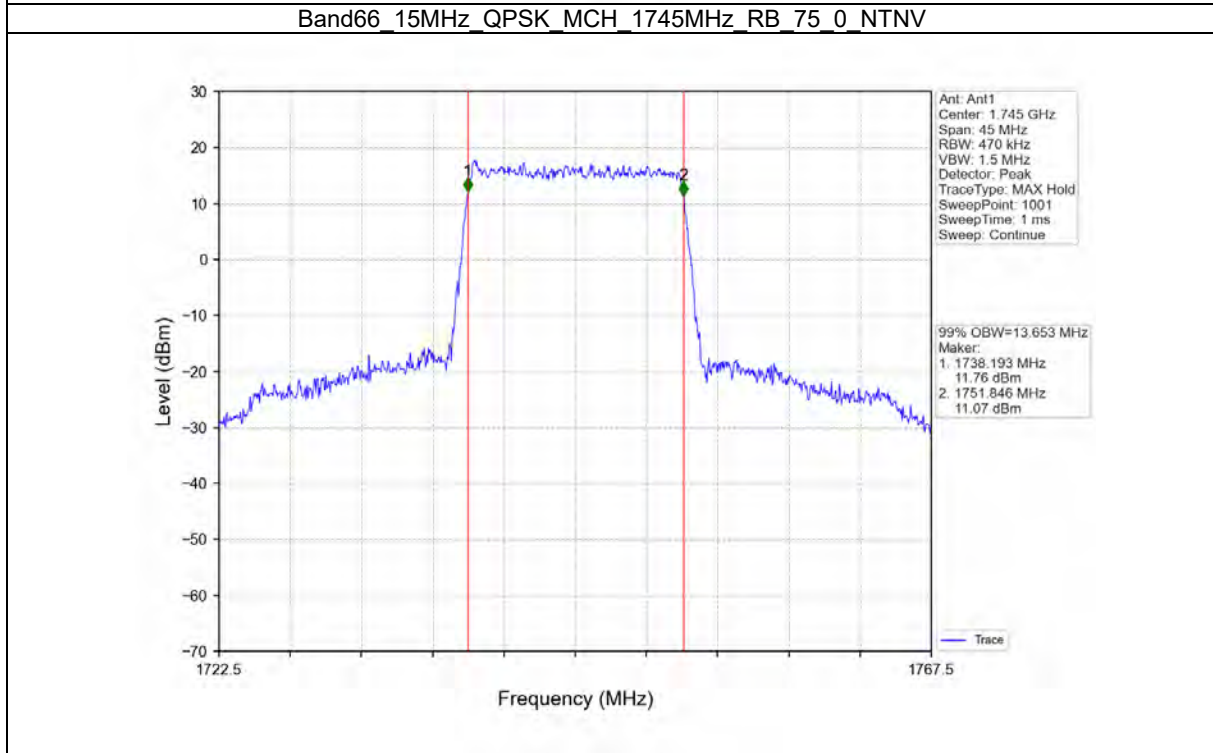
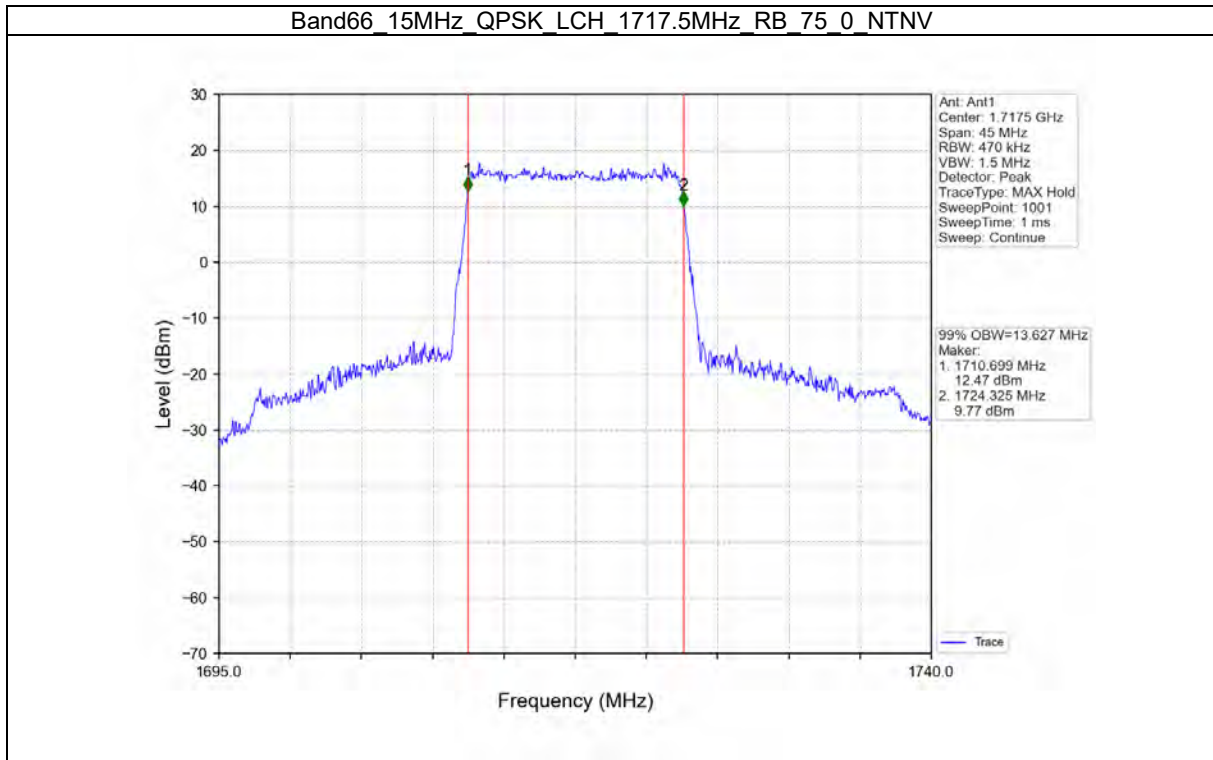


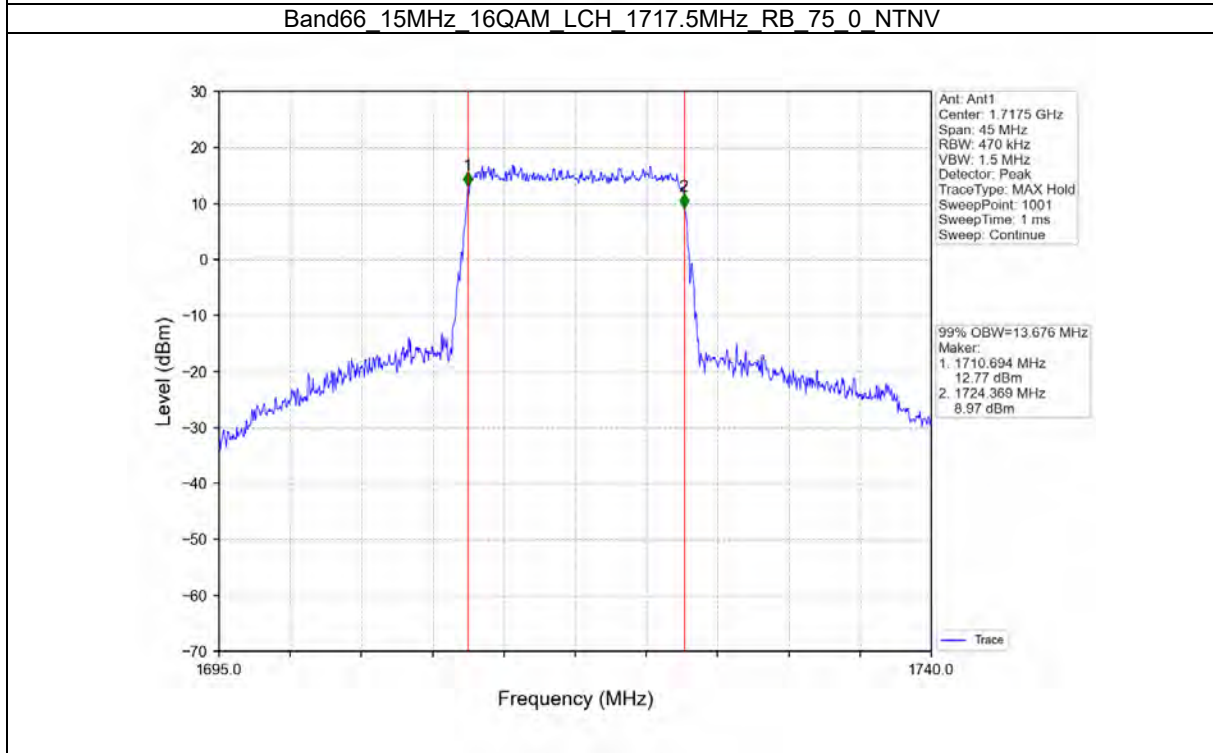
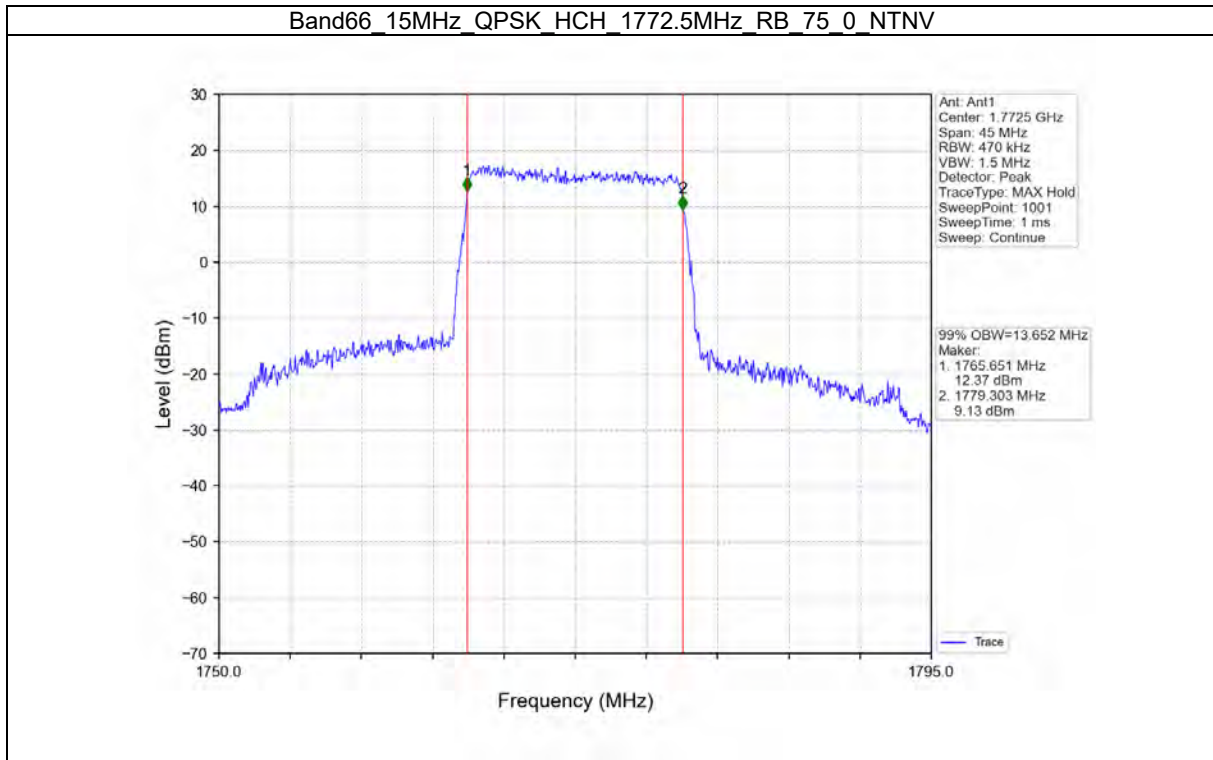


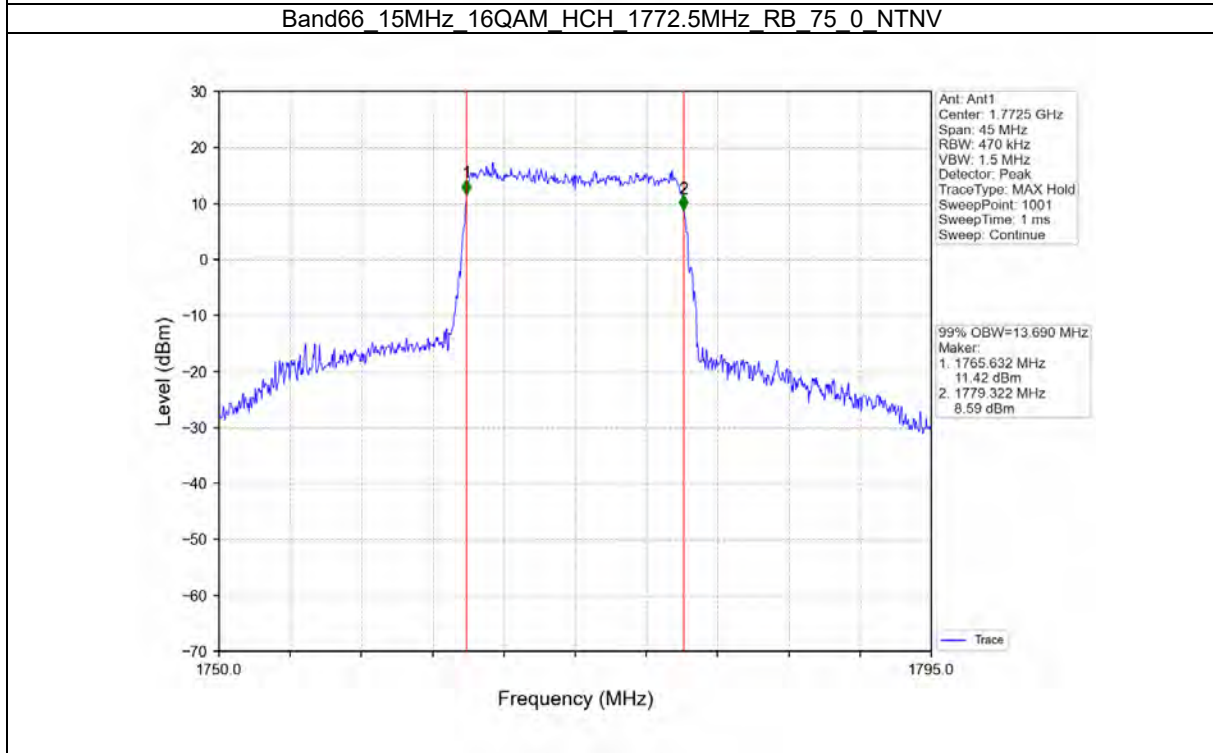
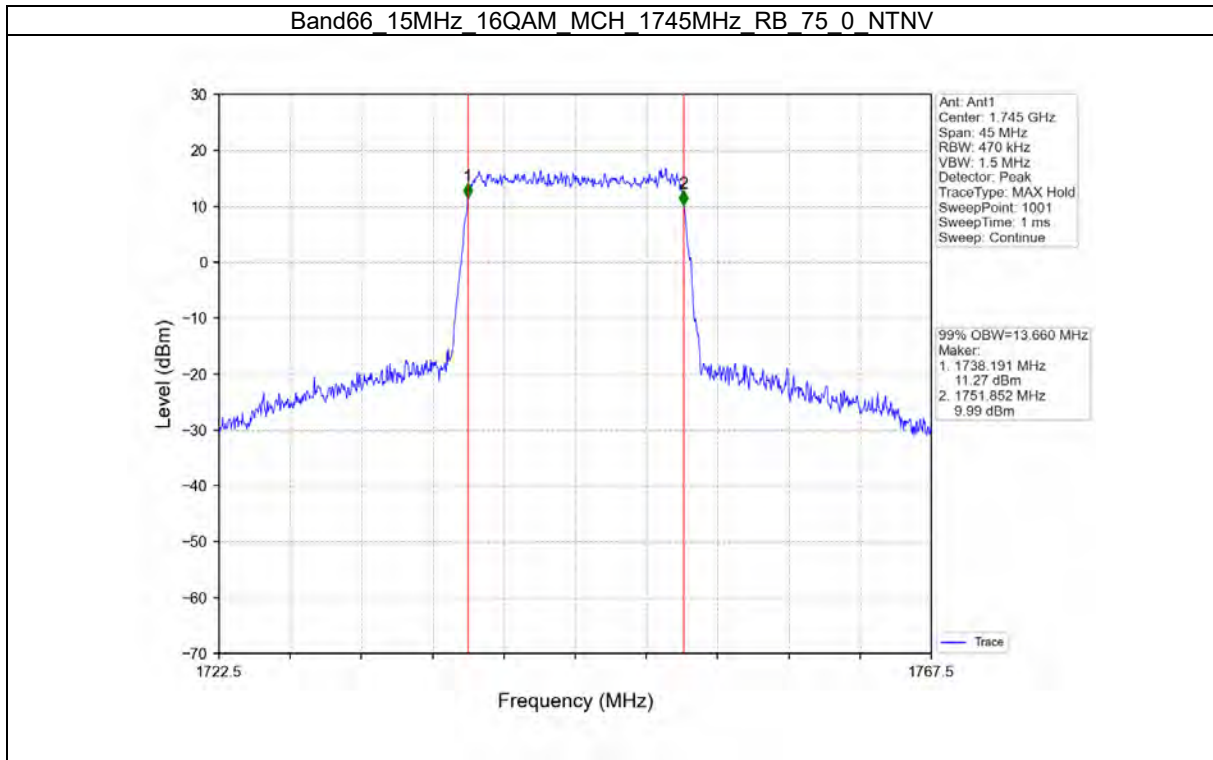


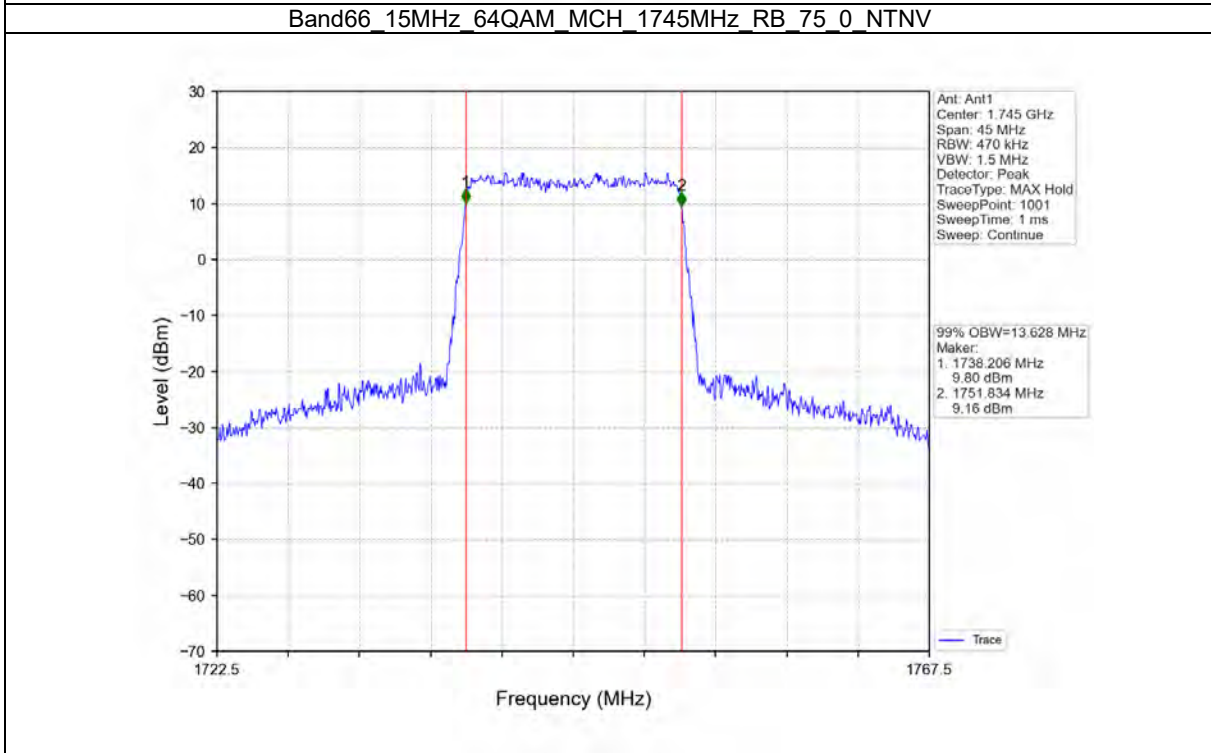
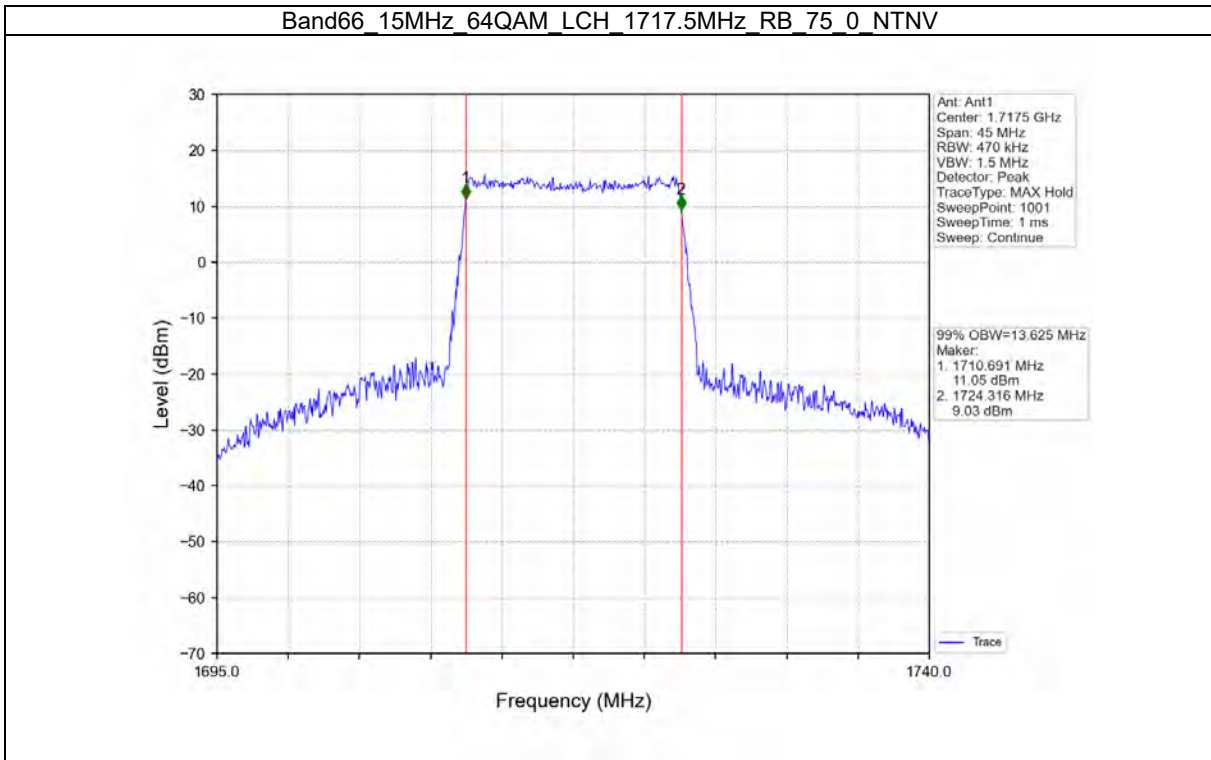


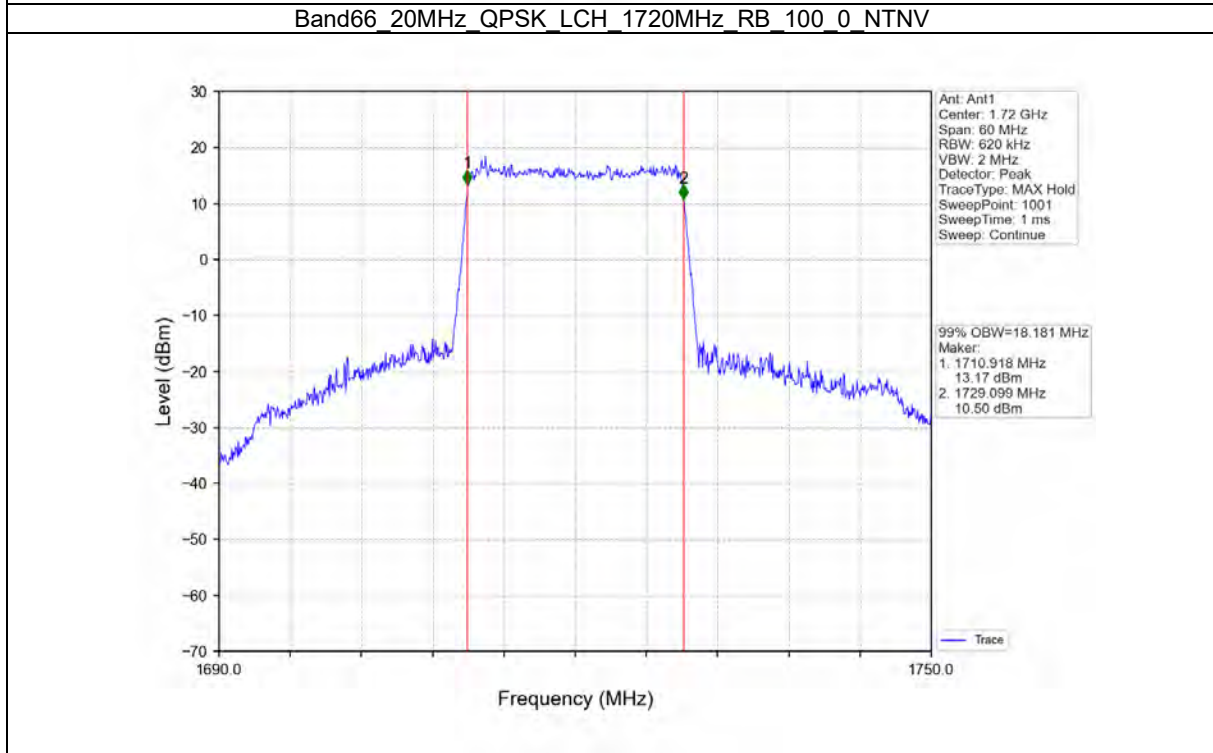
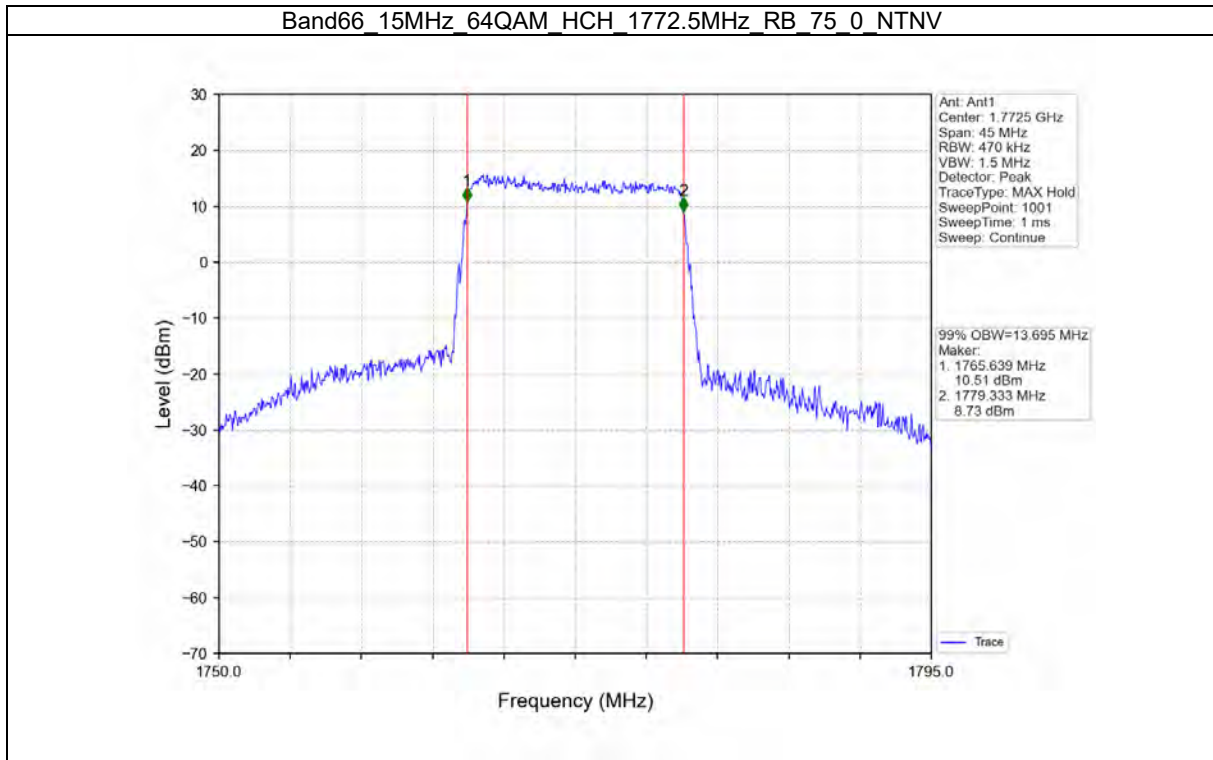


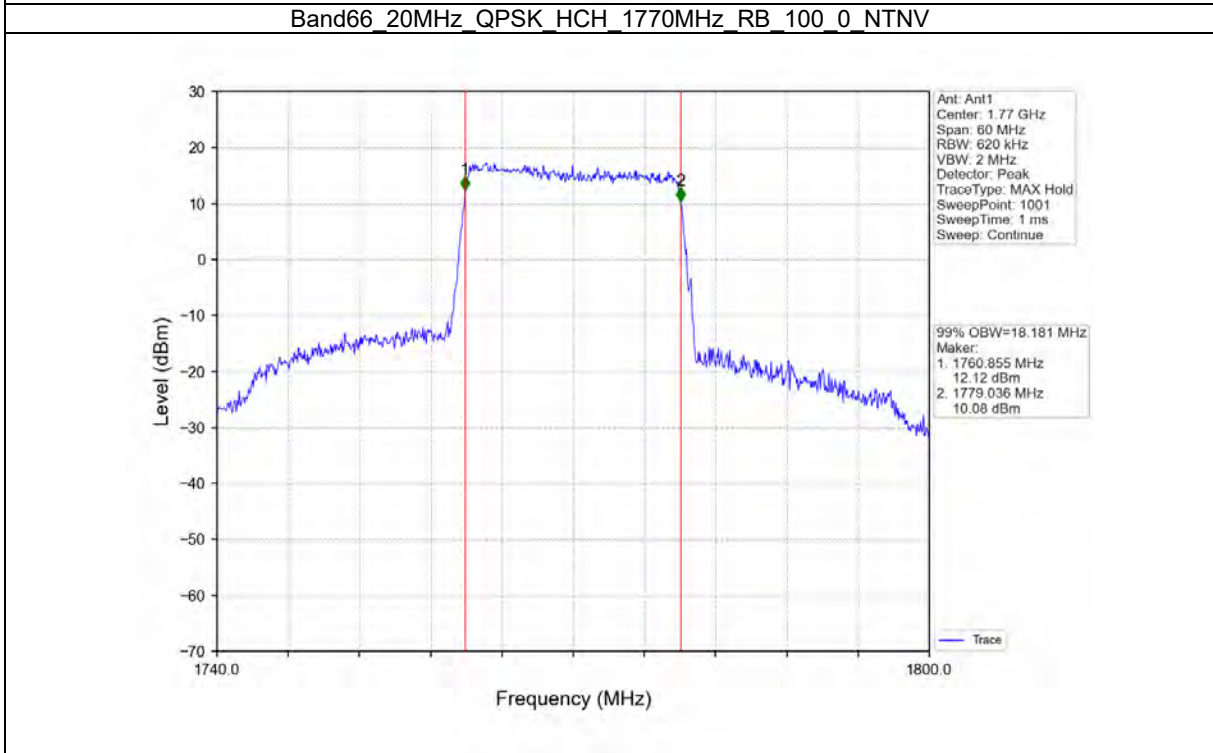
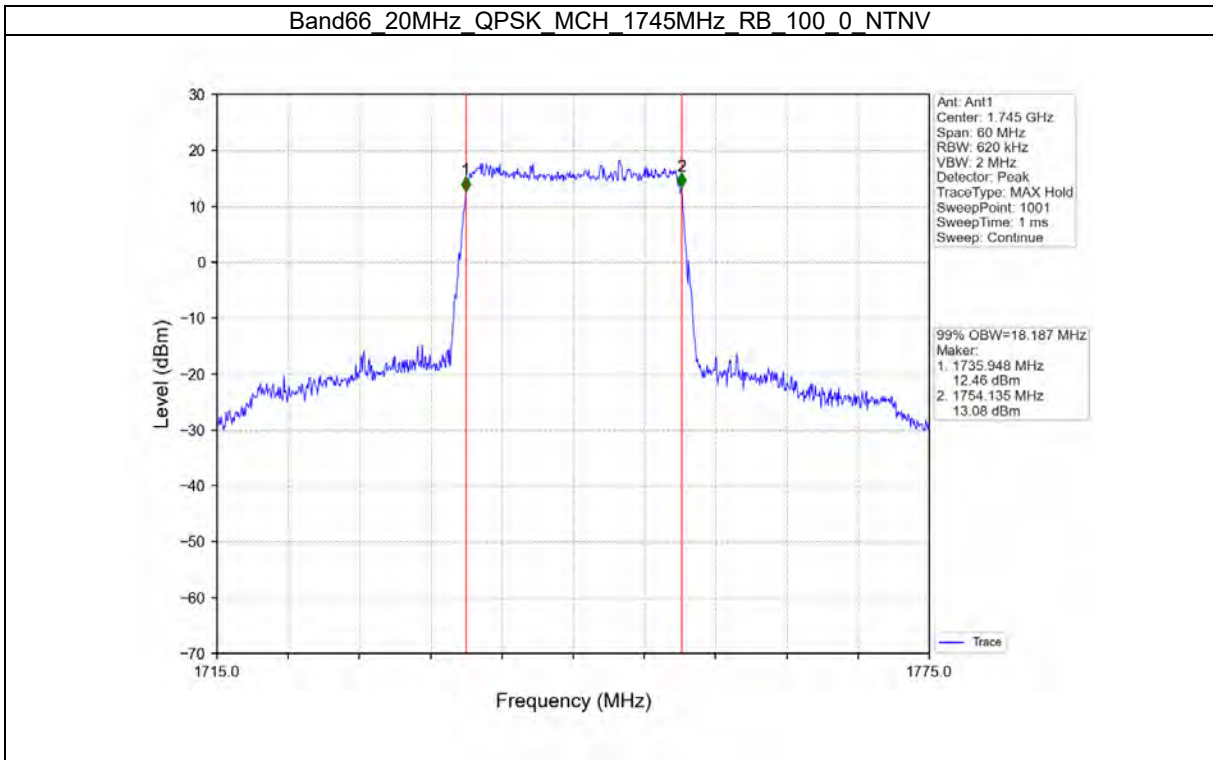


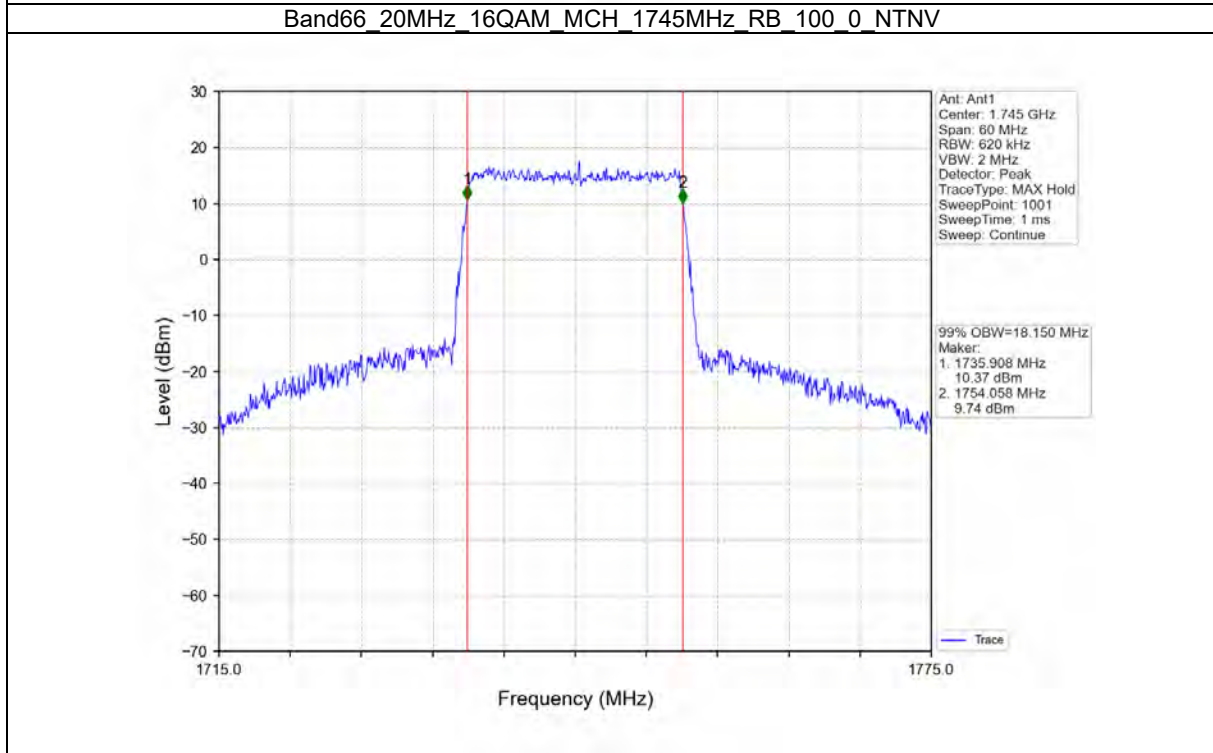
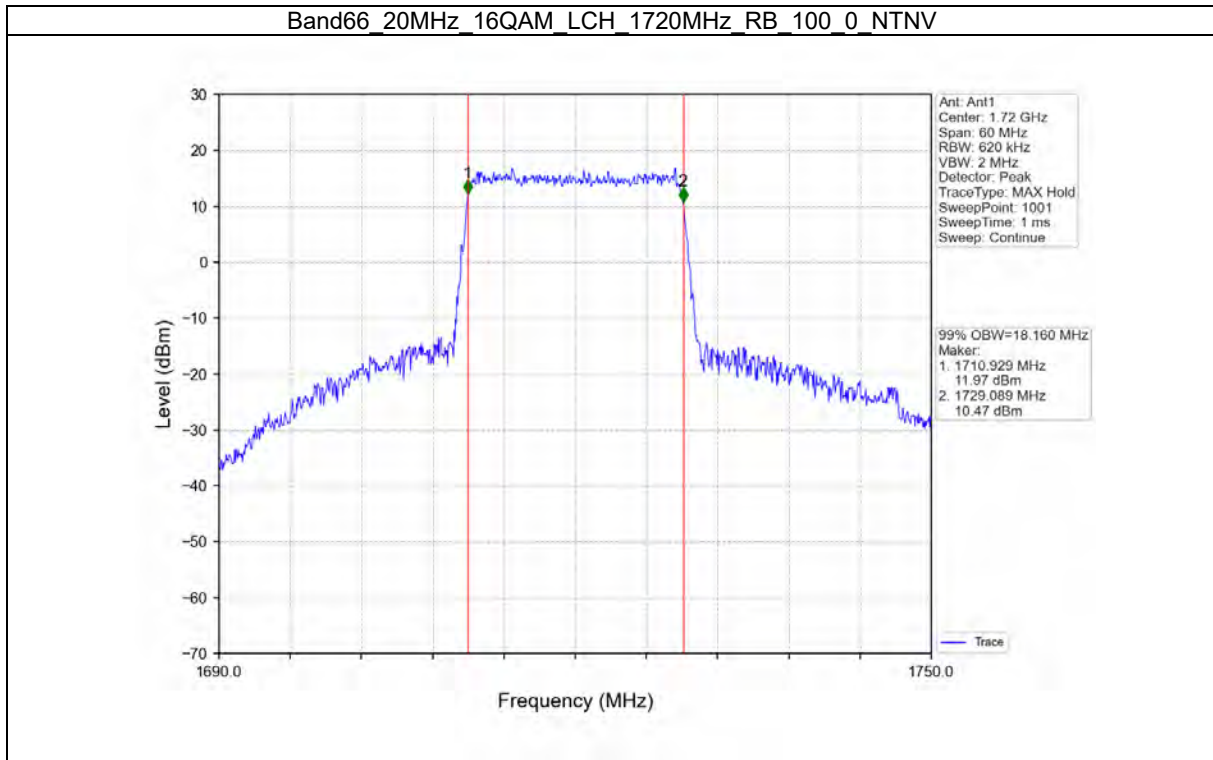


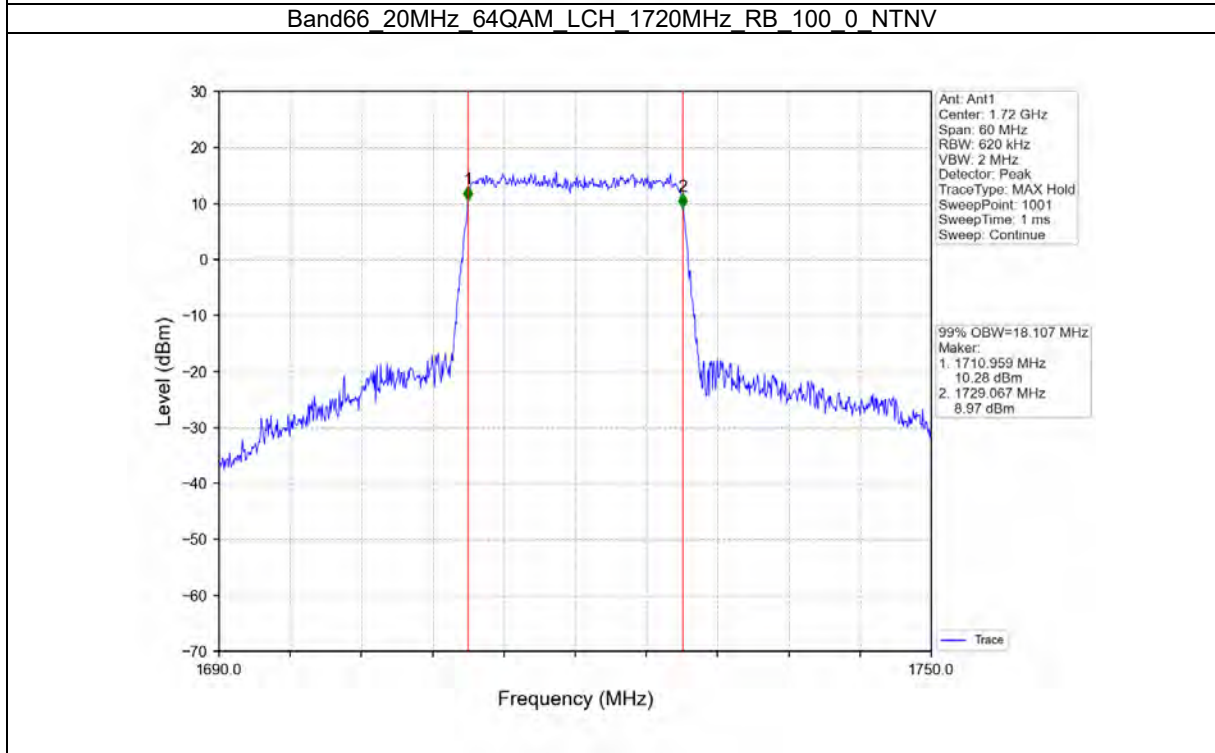
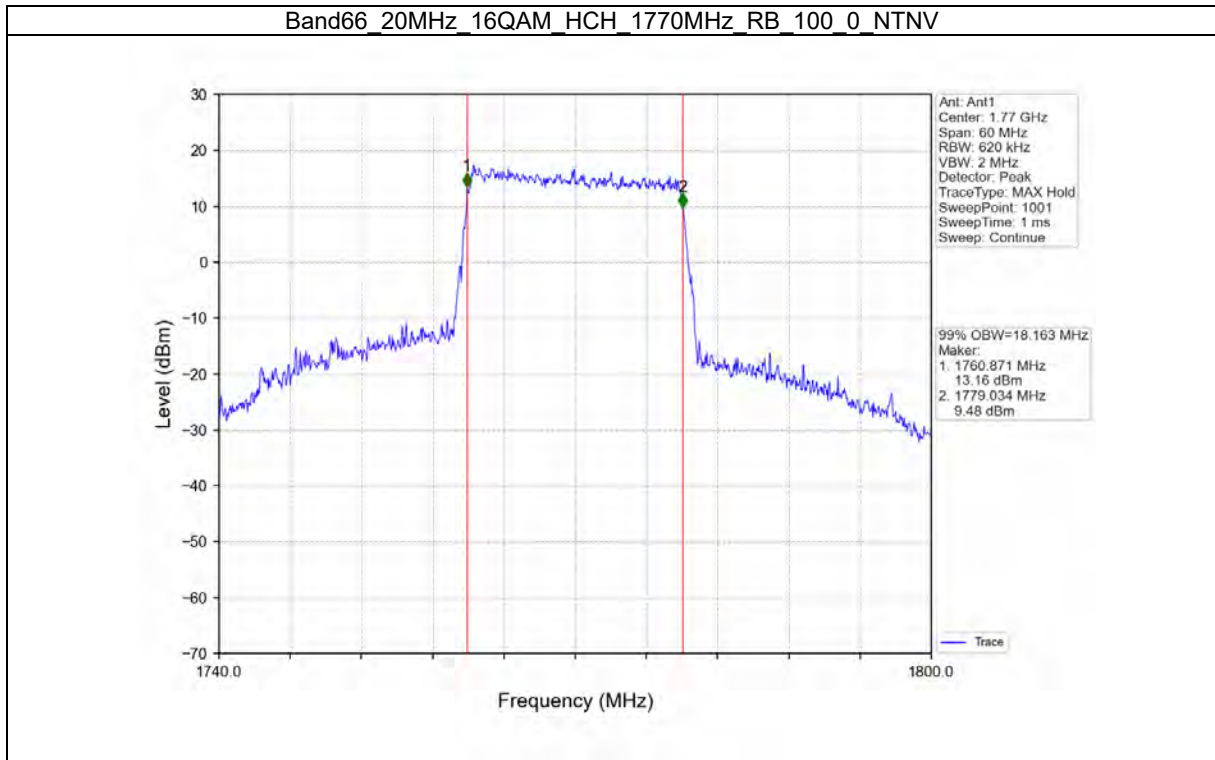


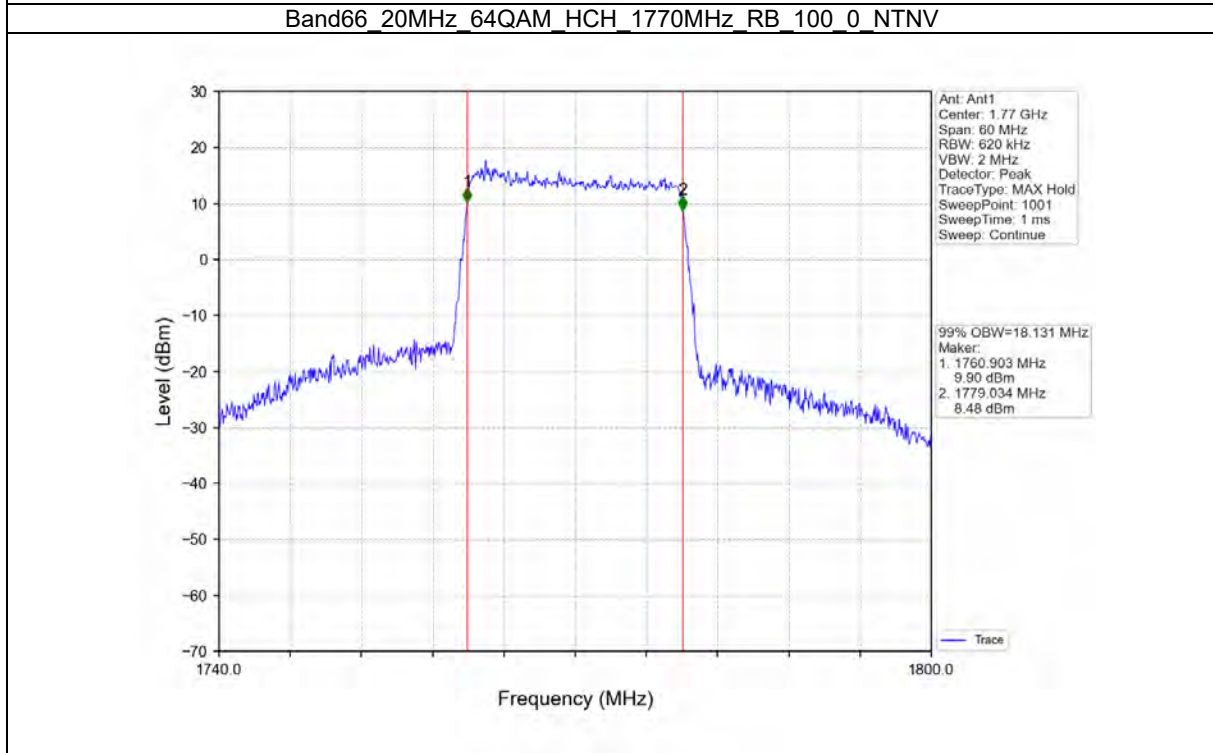
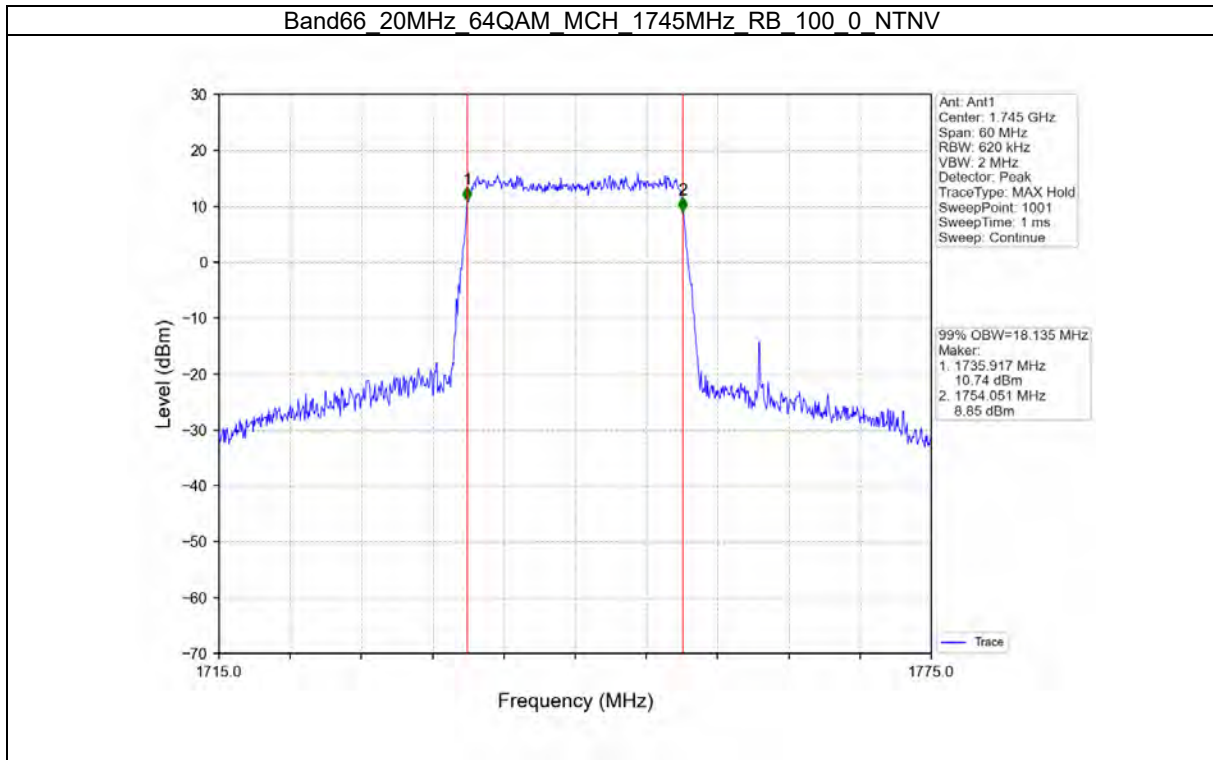








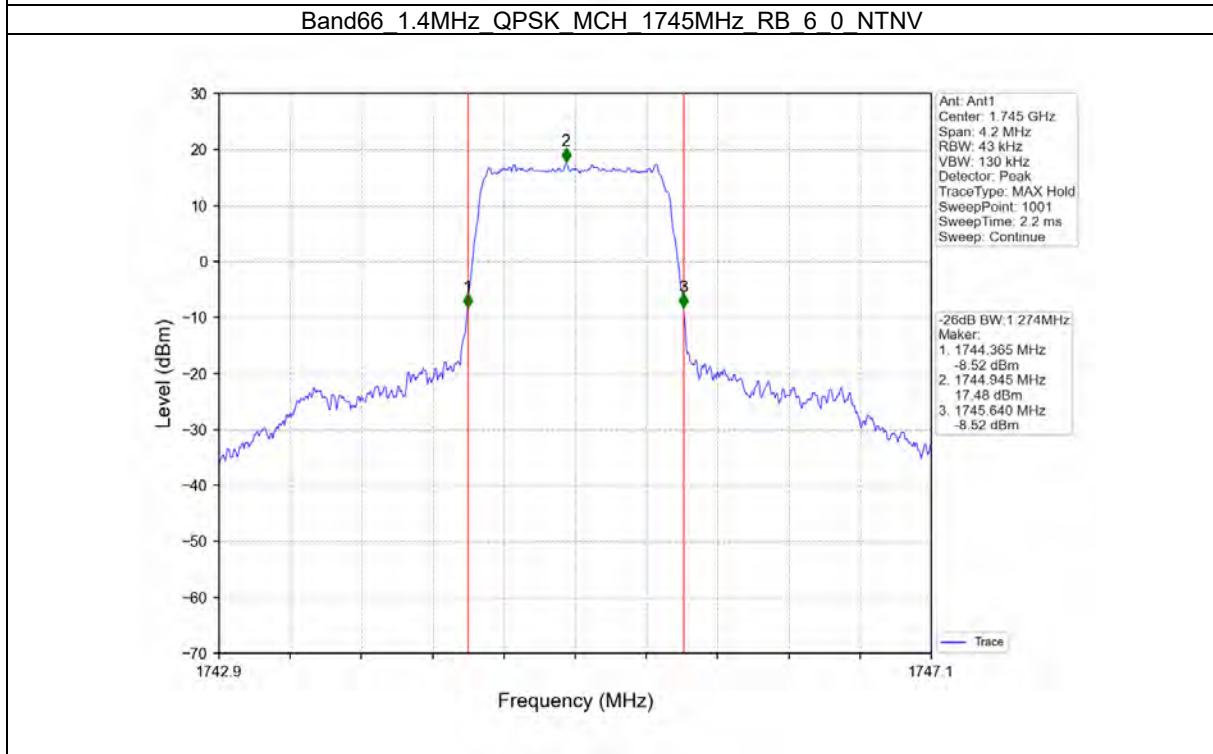
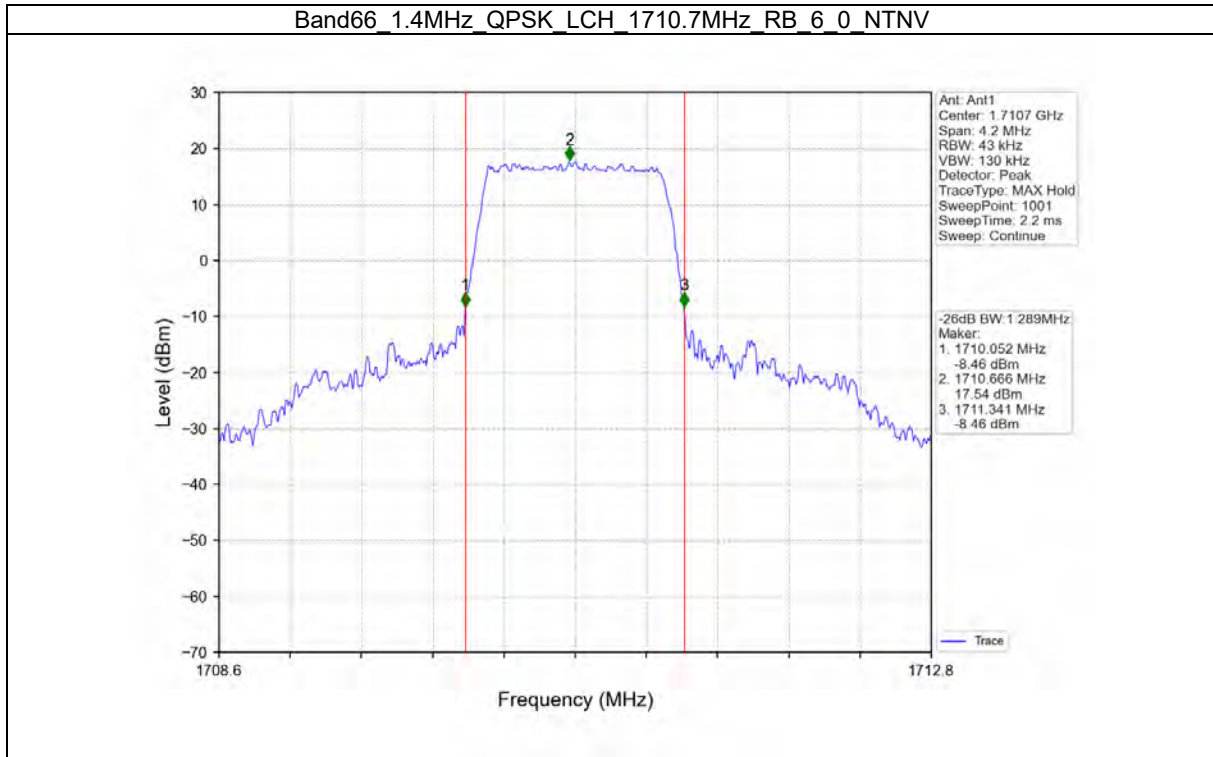


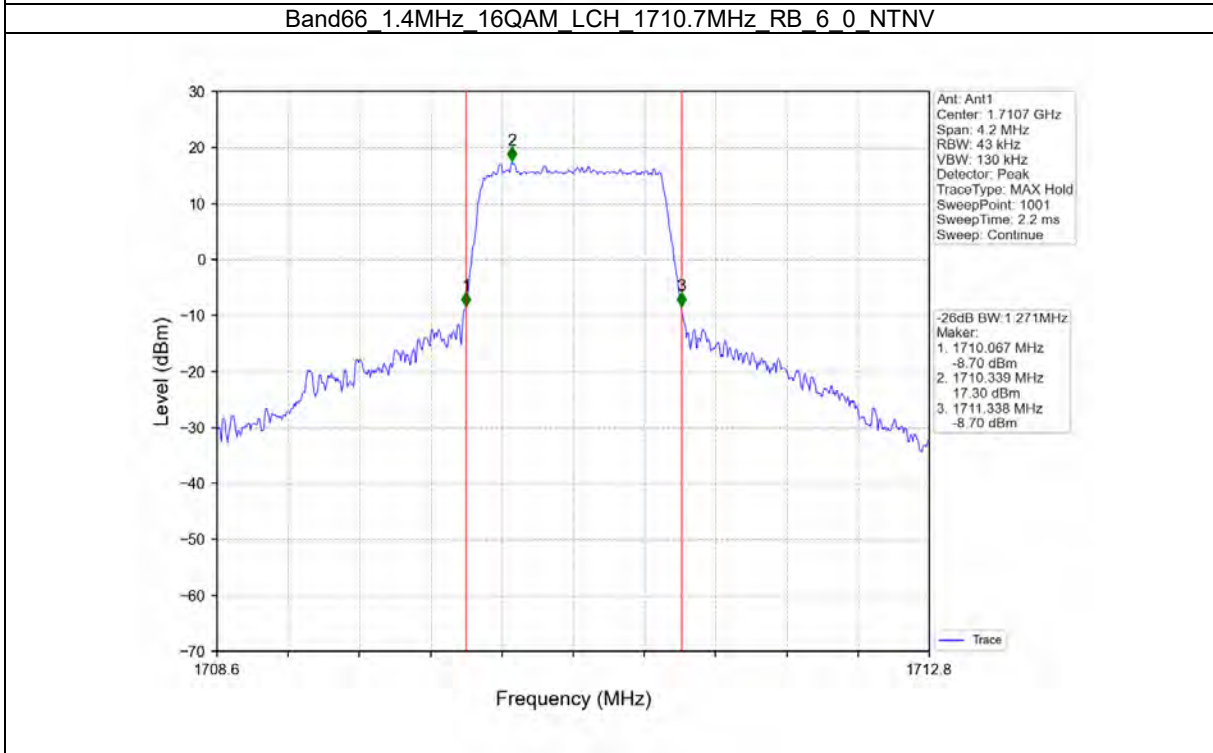
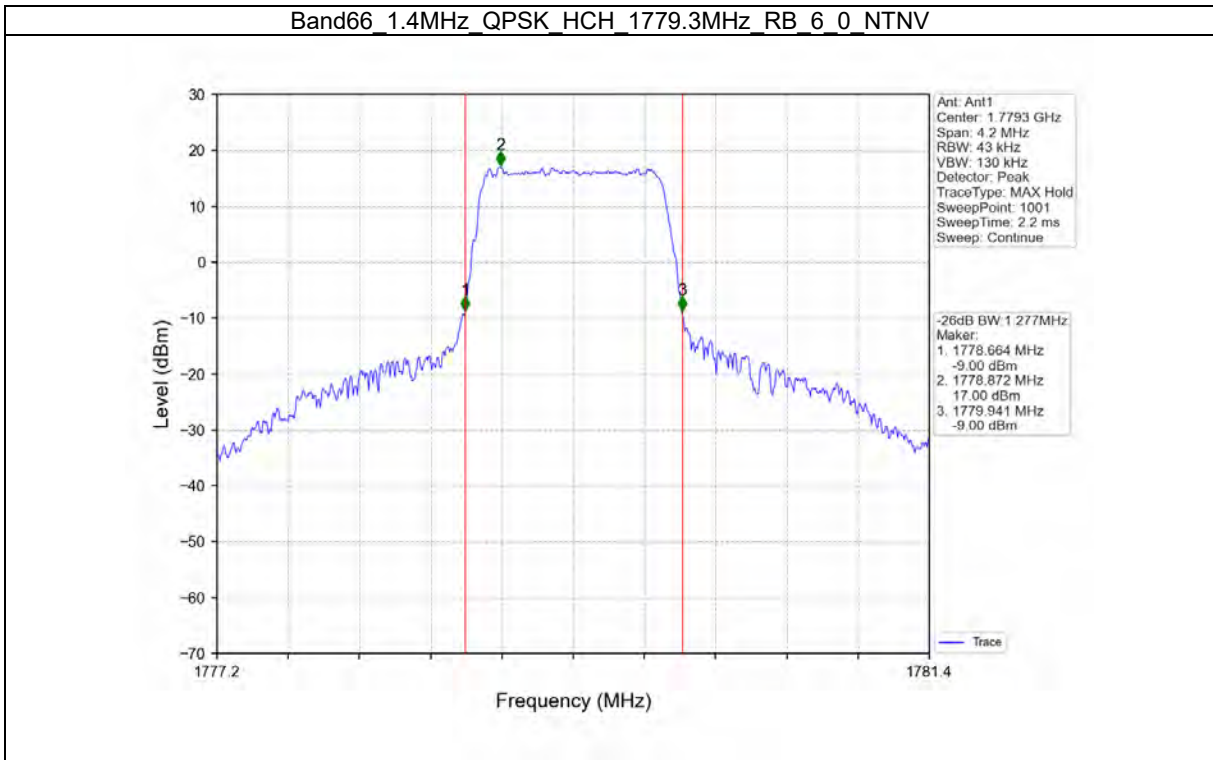


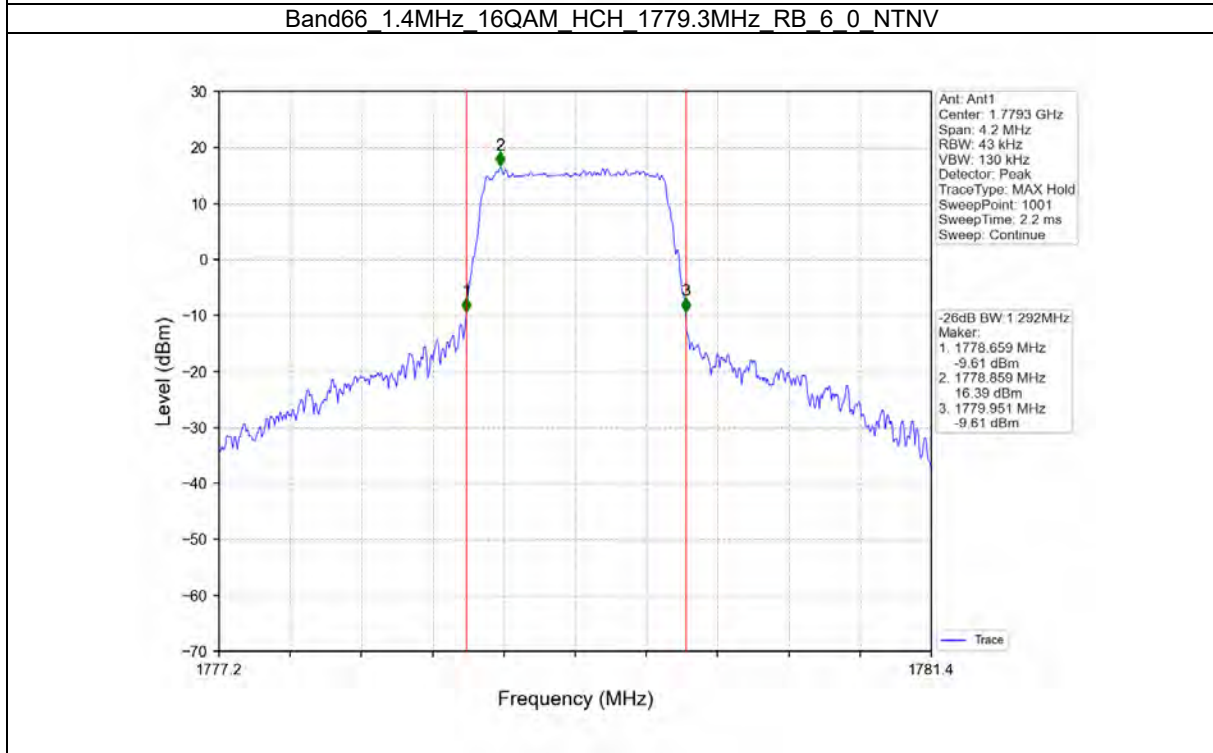
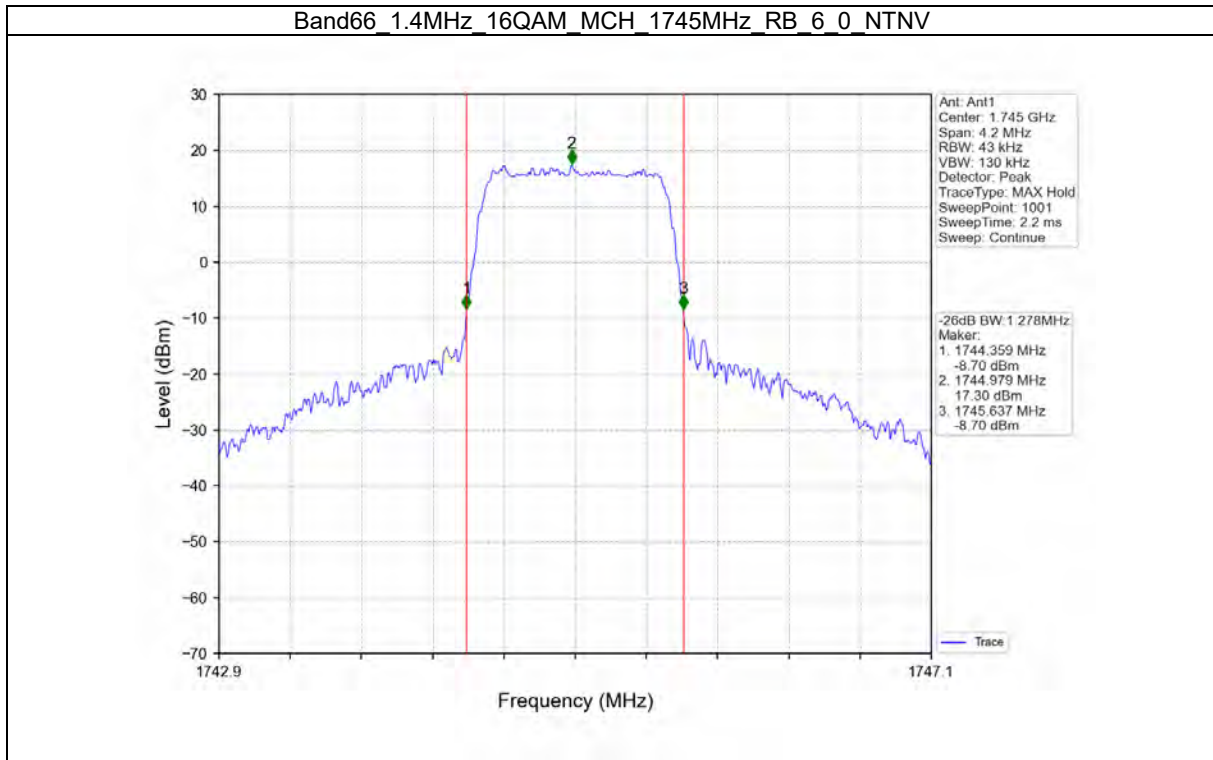
26DB OBW TEST RESULT

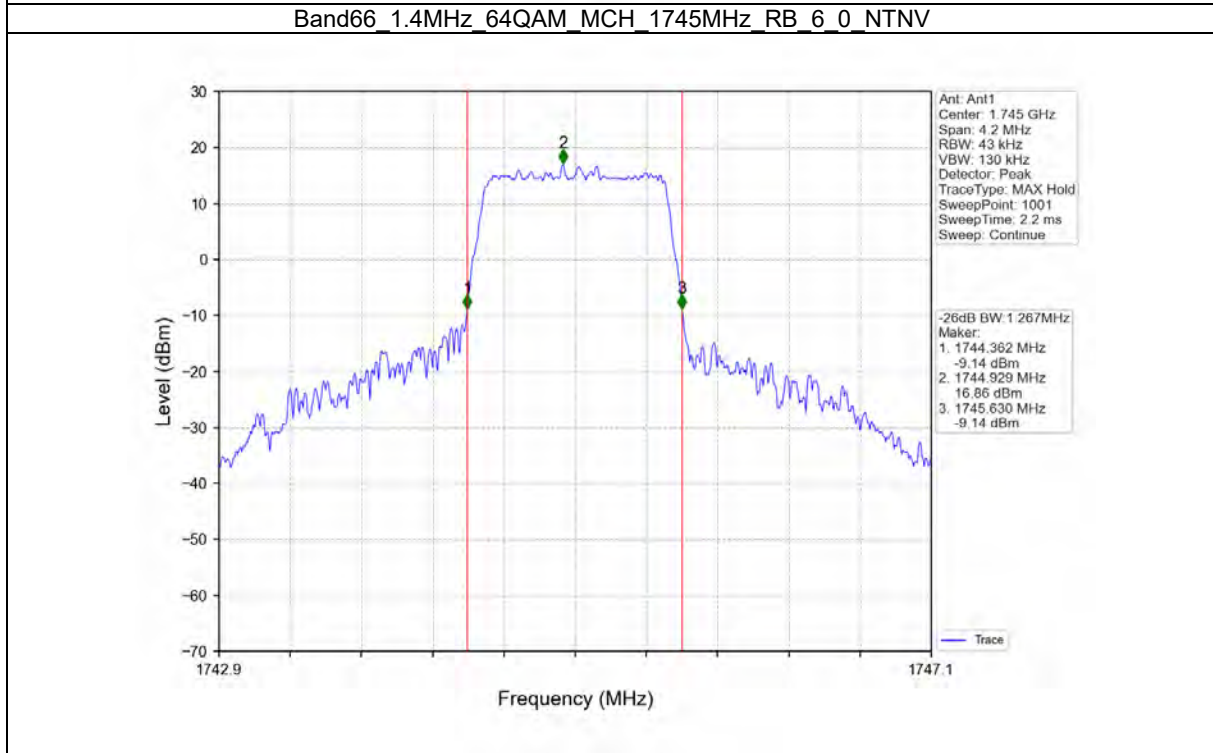
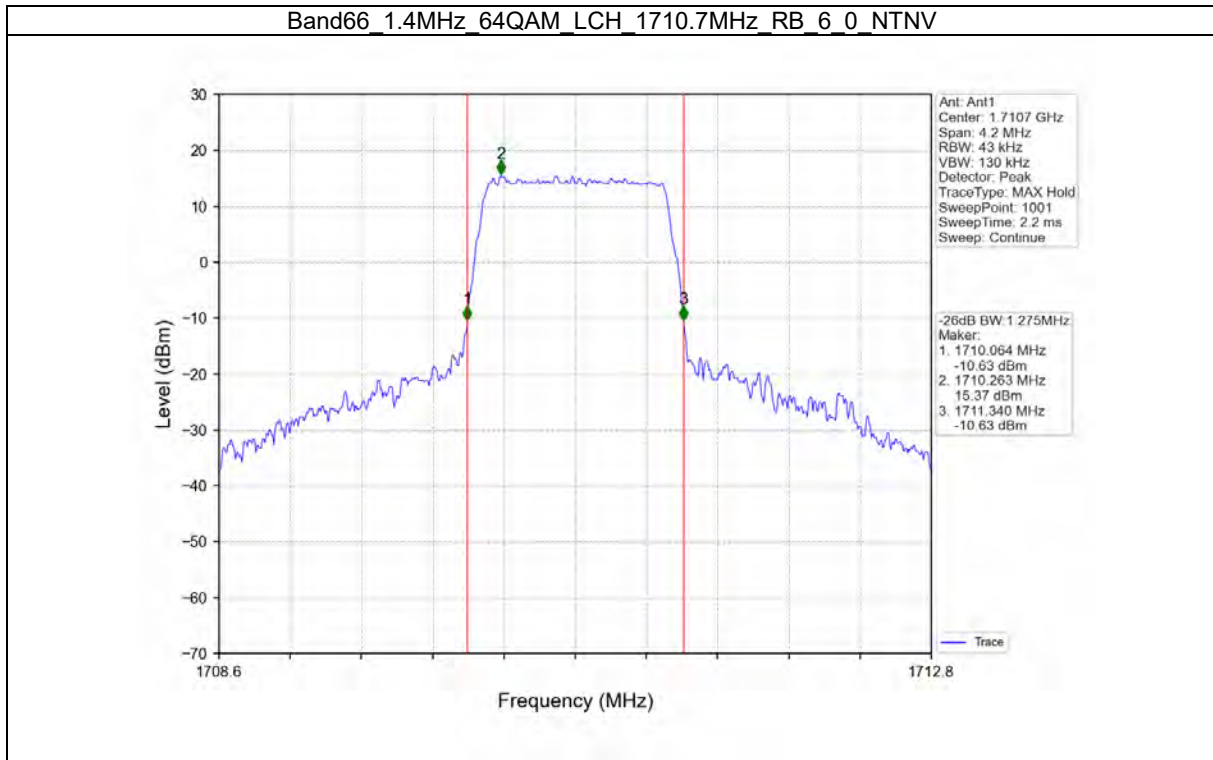
Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.289	Pass
		1745	6	0	1.274	Pass
		1779.3	6	0	1.277	Pass
	16QAM	1710.7	6	0	1.271	Pass
		1745	6	0	1.278	Pass
		1779.3	6	0	1.292	Pass
	64QAM	1710.7	6	0	1.275	Pass
		1745	6	0	1.267	Pass
		1779.3	6	0	1.273	Pass
3	QPSK	1711.5	15	0	3.119	Pass
		1745	15	0	3.067	Pass
		1778.5	15	0	3.101	Pass
	16QAM	1711.5	15	0	3.102	Pass
		1745	15	0	3.098	Pass
		1778.5	15	0	3.118	Pass
	64QAM	1711.5	15	0	3.120	Pass
		1745	15	0	3.076	Pass
		1778.5	15	0	3.138	Pass
5	QPSK	1712.5	25	0	5.047	Pass
		1745	25	0	5.052	Pass
		1777.5	25	0	5.056	Pass
	16QAM	1712.5	25	0	5.078	Pass
		1745	25	0	5.052	Pass
		1777.5	25	0	5.072	Pass
	64QAM	1712.5	25	0	5.069	Pass
		1745	25	0	5.049	Pass
		1777.5	25	0	5.058	Pass
10	QPSK	1715	50	0	10.021	Pass
		1745	50	0	9.975	Pass
		1775	50	0	10.089	Pass
	16QAM	1715	50	0	10.095	Pass
		1745	50	0	9.981	Pass
		1775	50	0	10.074	Pass
	64QAM	1715	50	0	10.133	Pass
		1745	50	0	9.966	Pass
		1775	50	0	10.031	Pass
15	QPSK	1717.5	75	0	15.220	Pass
		1745	75	0	15.119	Pass
		1772.5	75	0	15.141	Pass
	16QAM	1717.5	75	0	15.098	Pass
		1745	75	0	15.053	Pass
		1772.5	75	0	15.217	Pass
	64QAM	1717.5	75	0	15.288	Pass
		1745	75	0	15.242	Pass
		1772.5	75	0	15.159	Pass
20	QPSK	1720	100	0	19.892	Pass
		1745	100	0	20.081	Pass
		1770	100	0	20.090	Pass
	16QAM	1720	100	0	20.048	Pass
		1745	100	0	20.021	Pass
		1770	100	0	20.081	Pass
	64QAM	1720	100	0	20.095	Pass
		1745	100	0	20.105	Pass
		1770	100	0	20.060	Pass

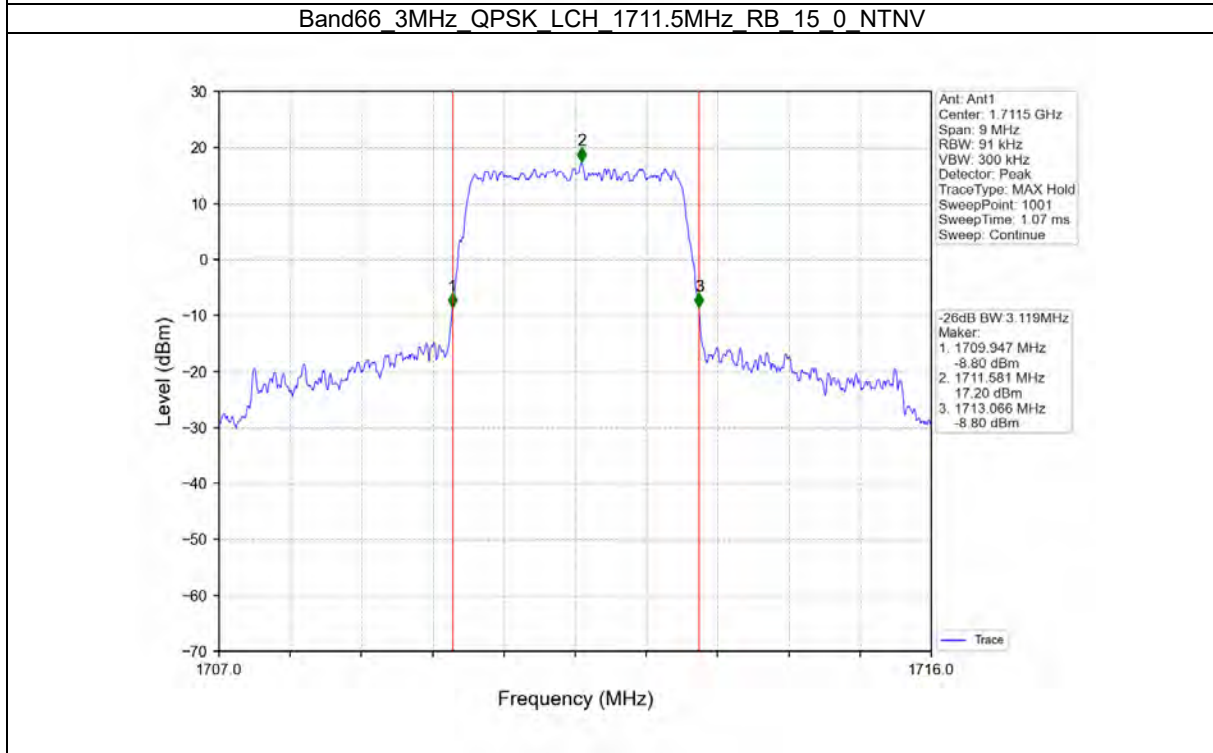
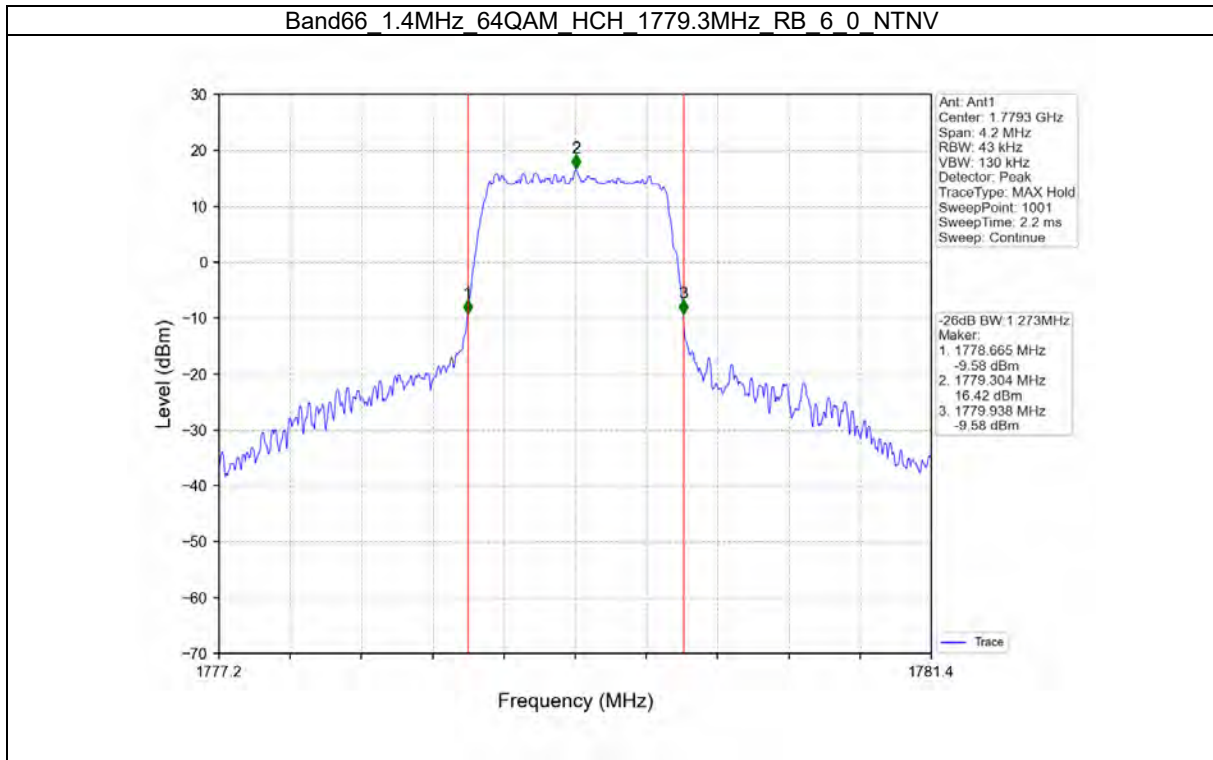
TEST GRAPH

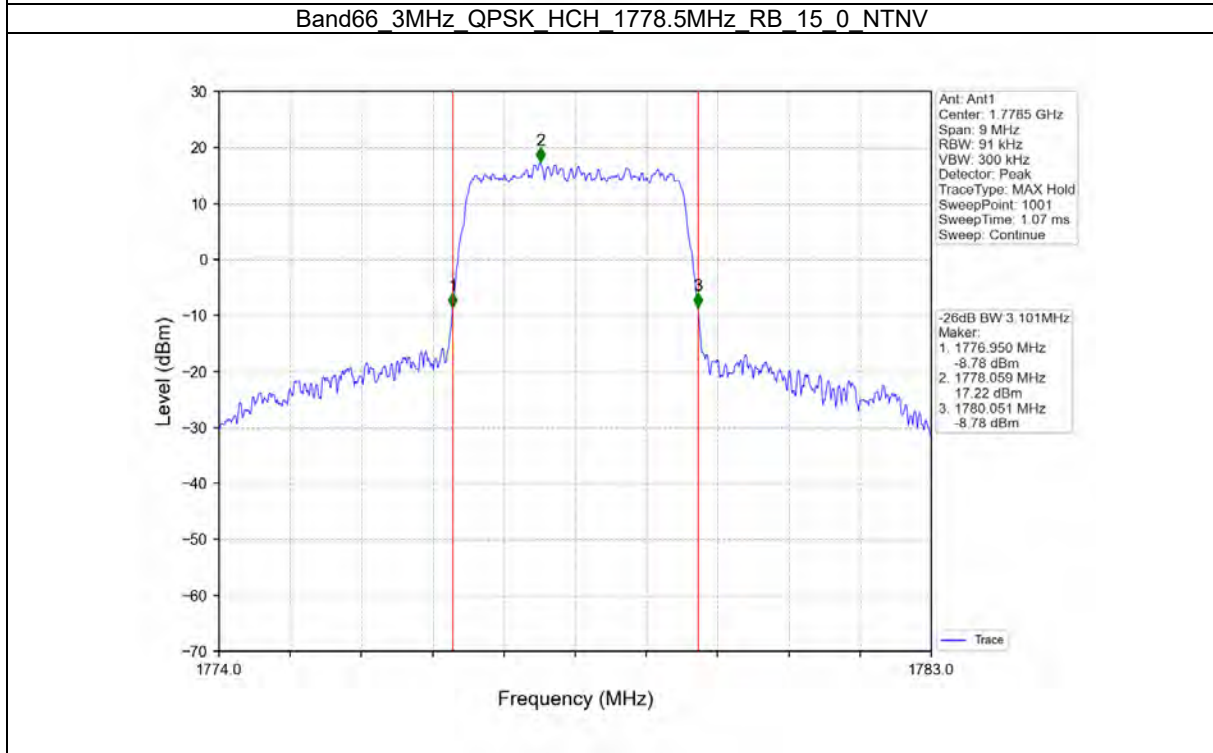
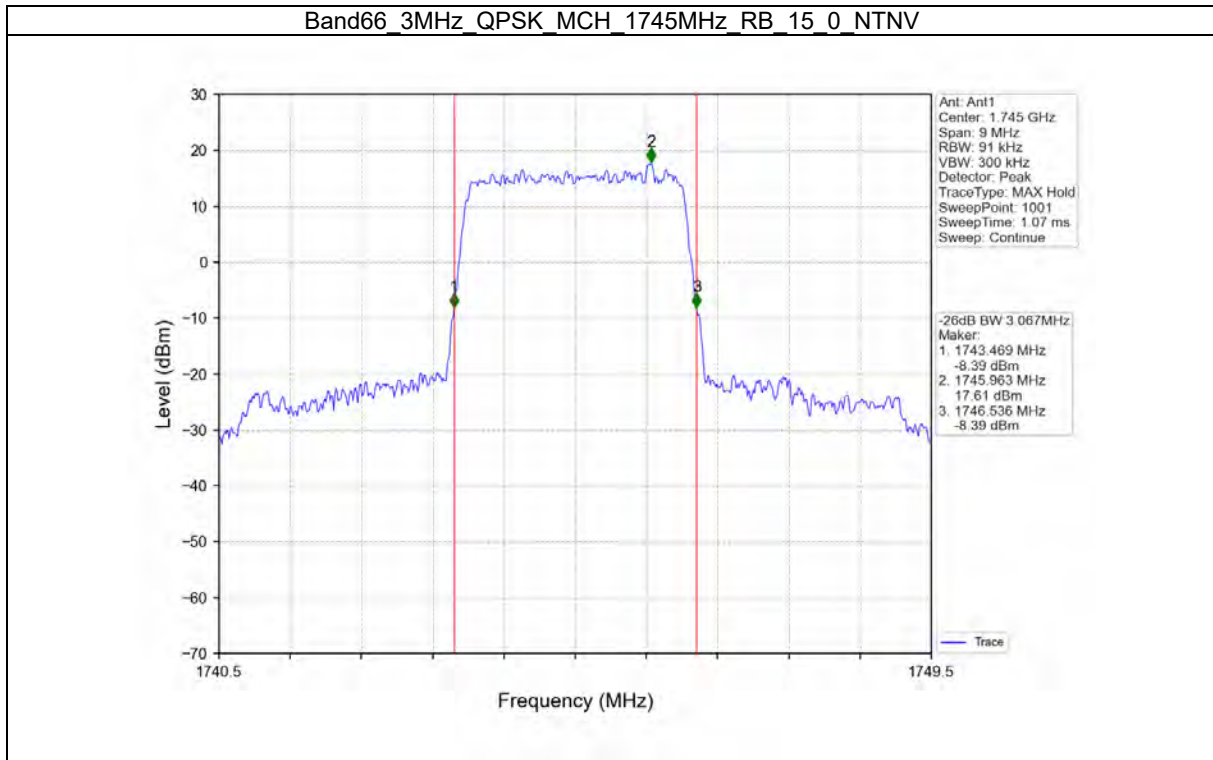


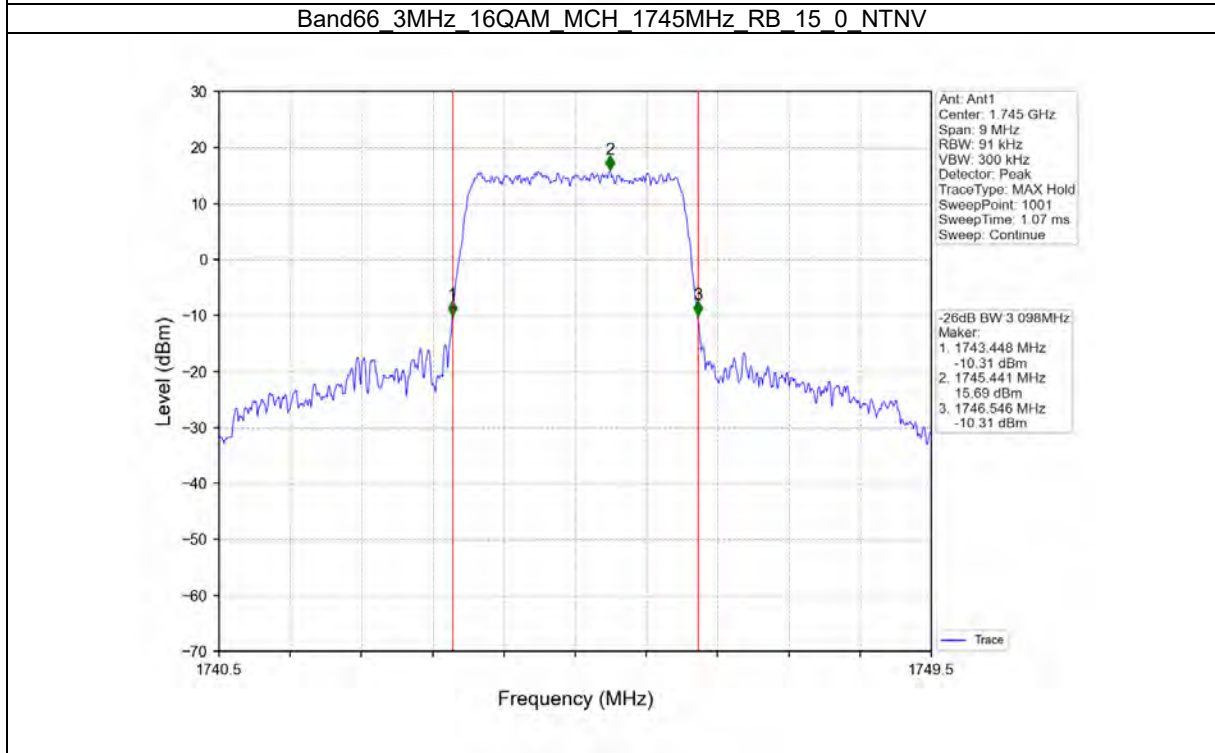
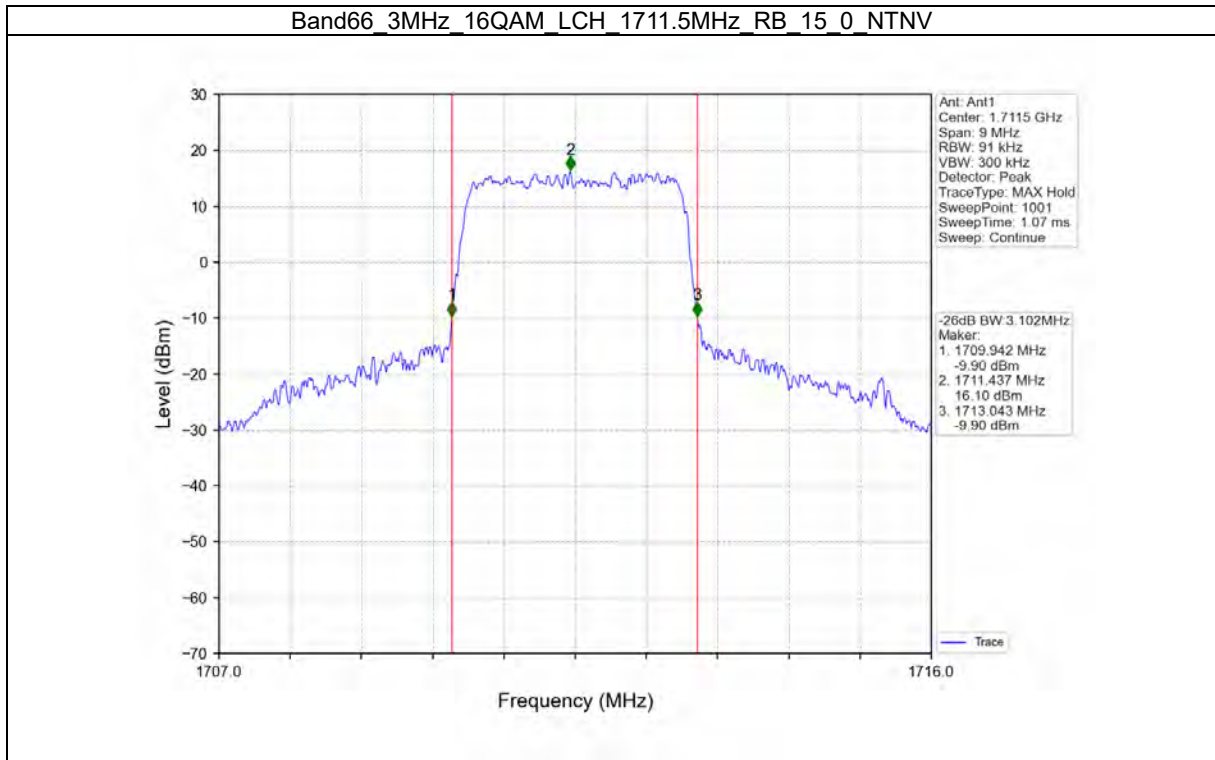


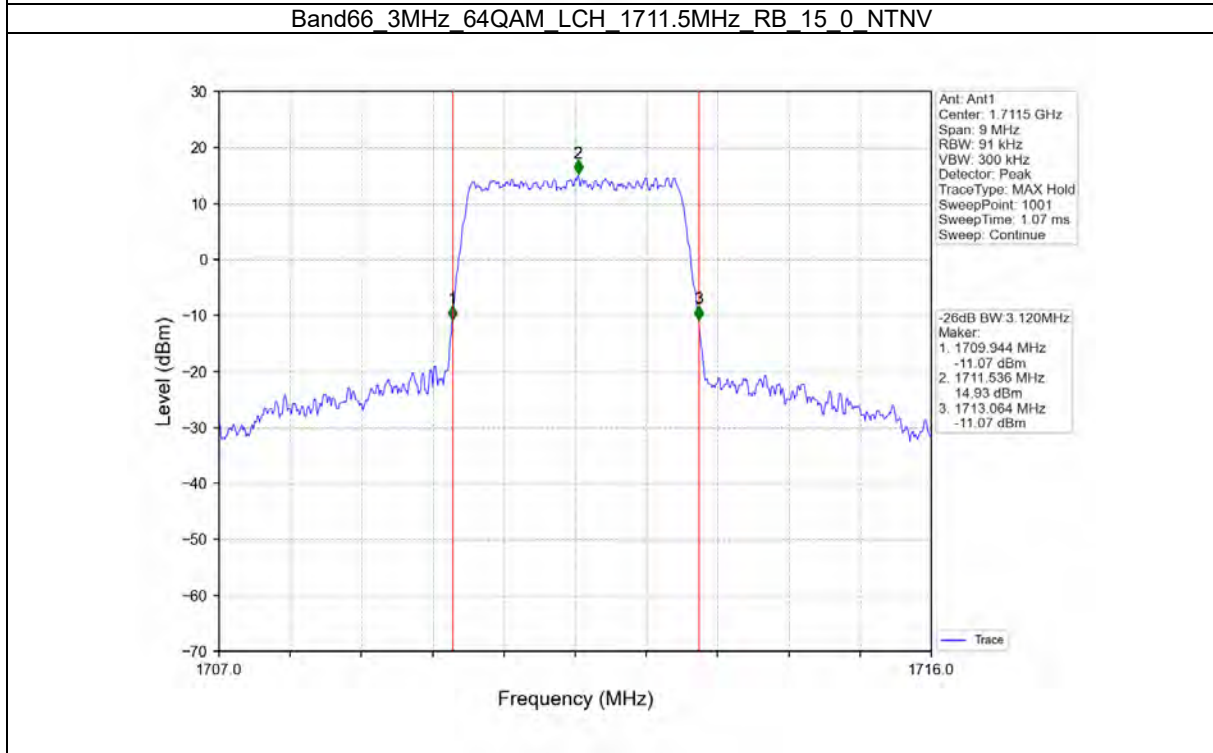
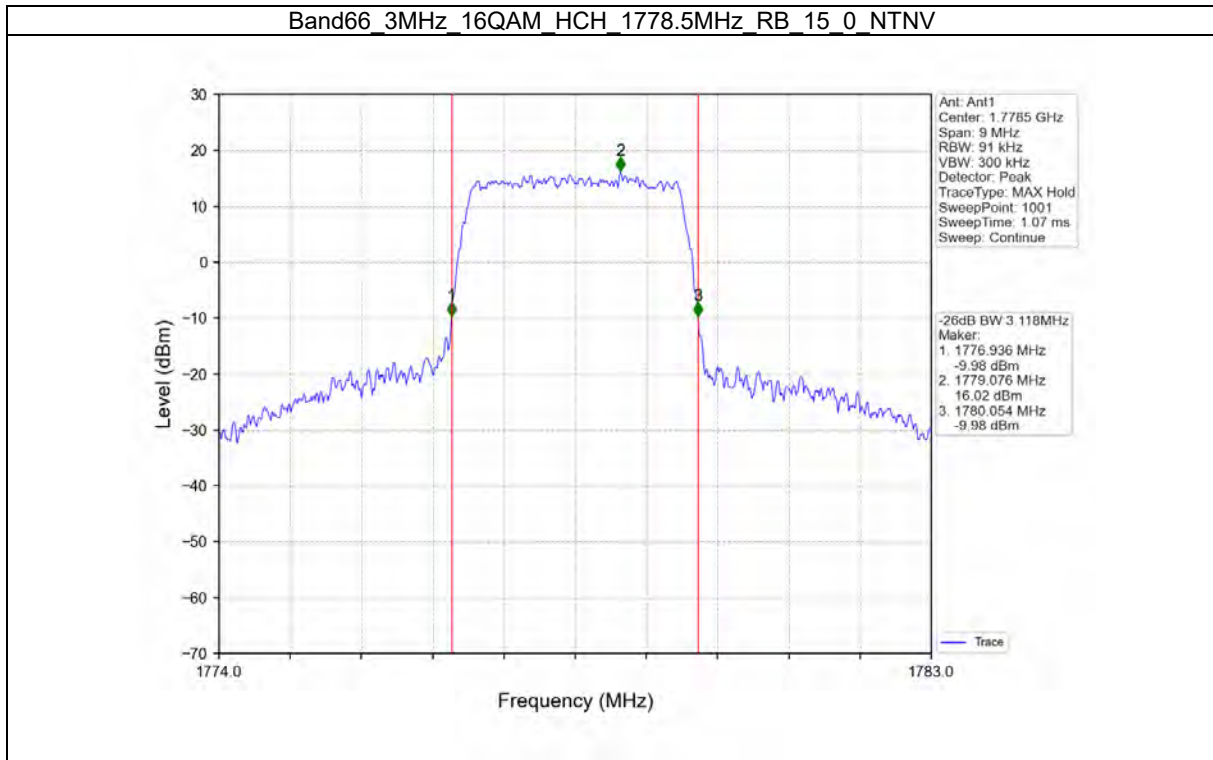


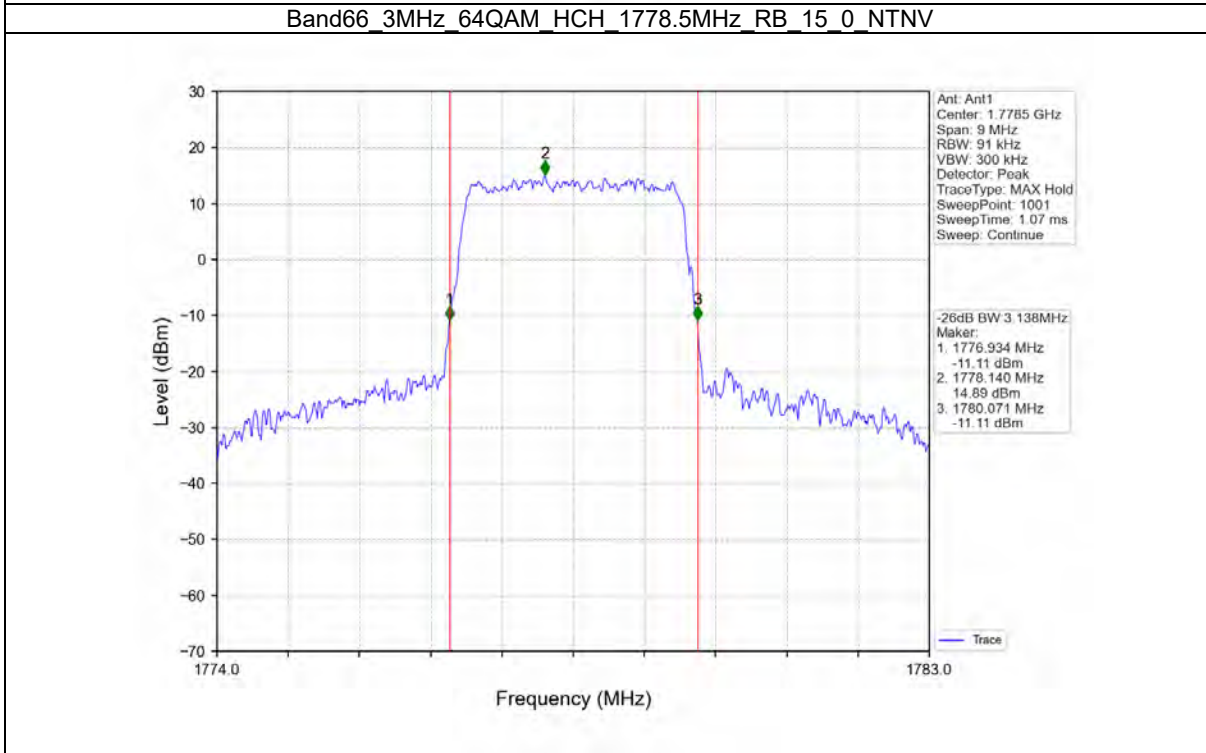
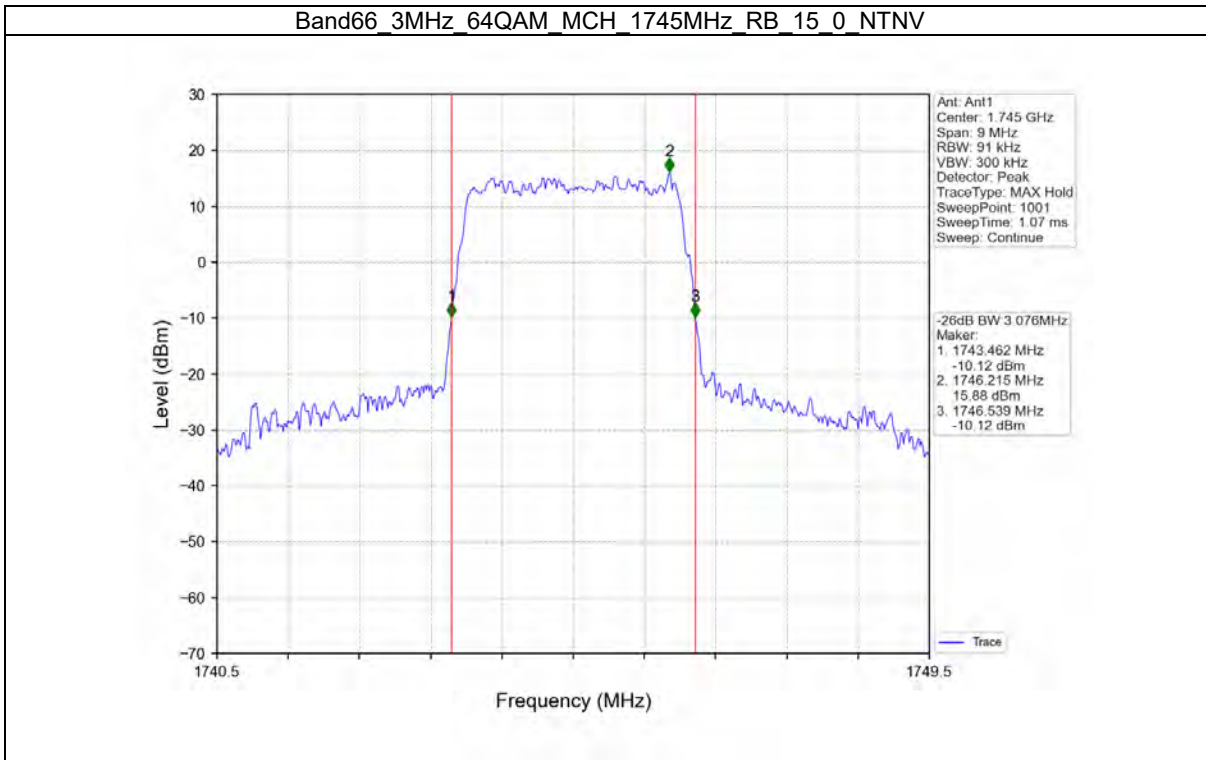


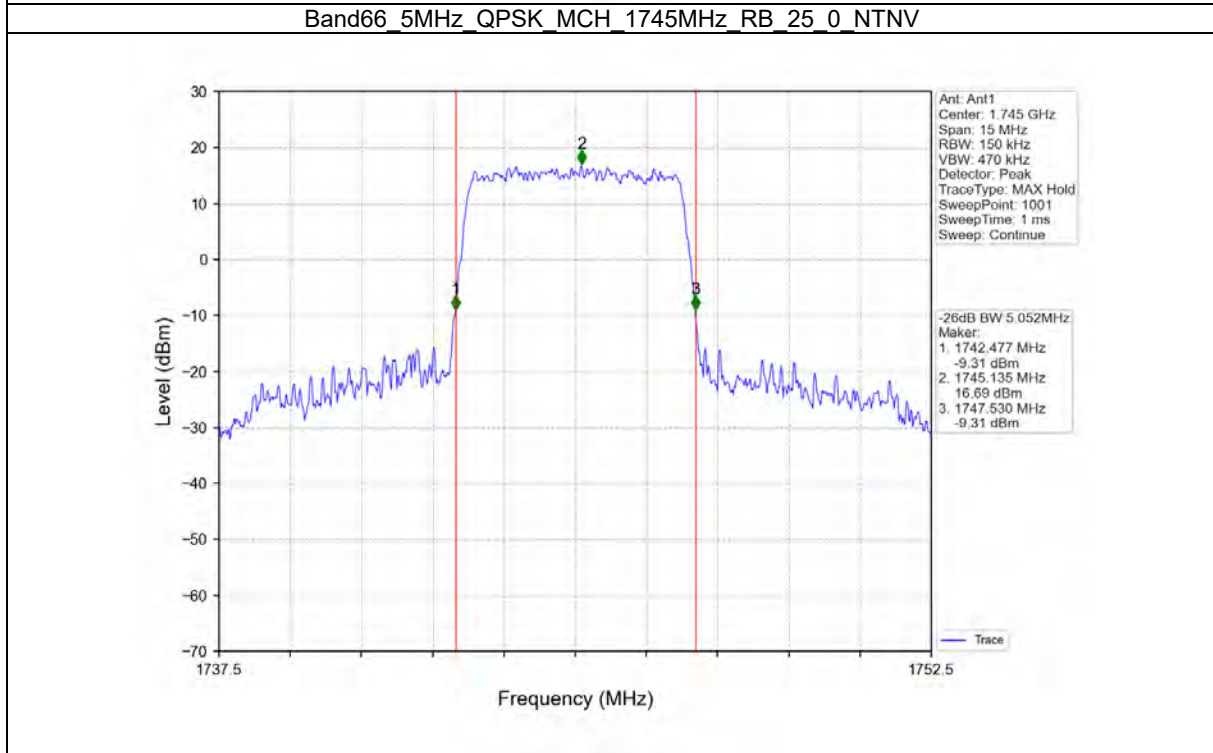
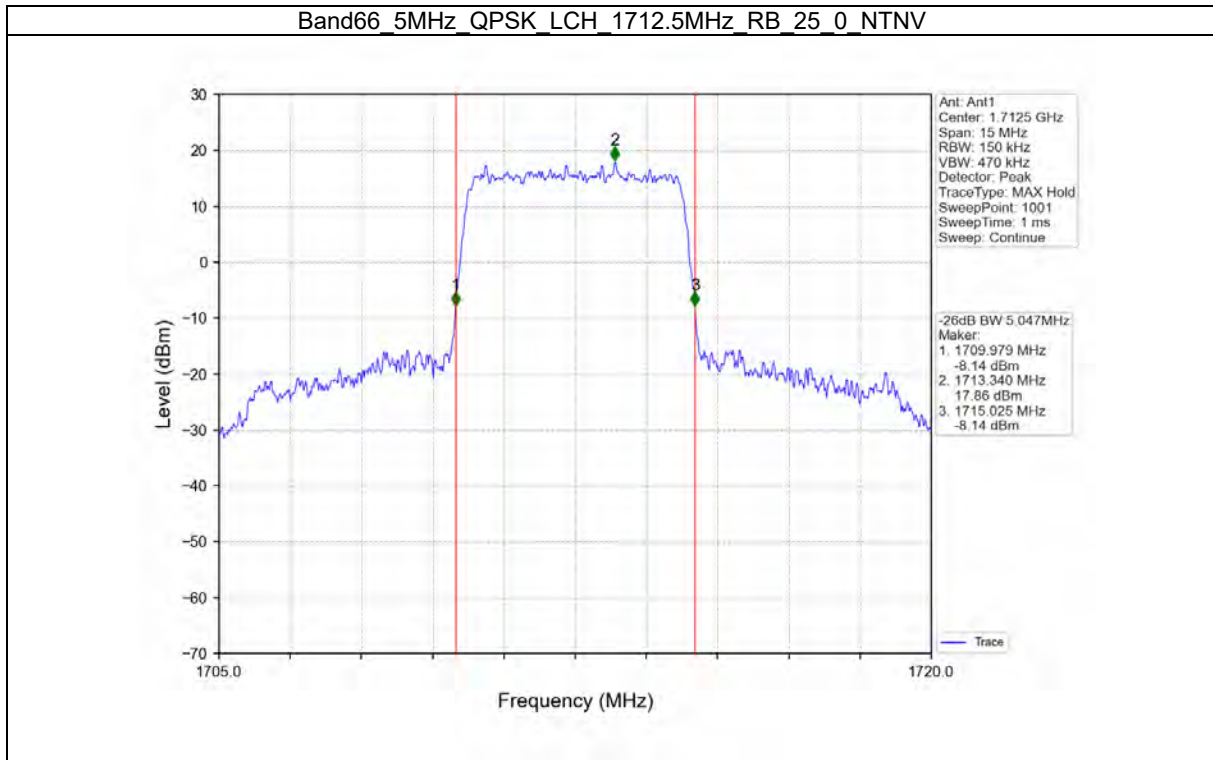


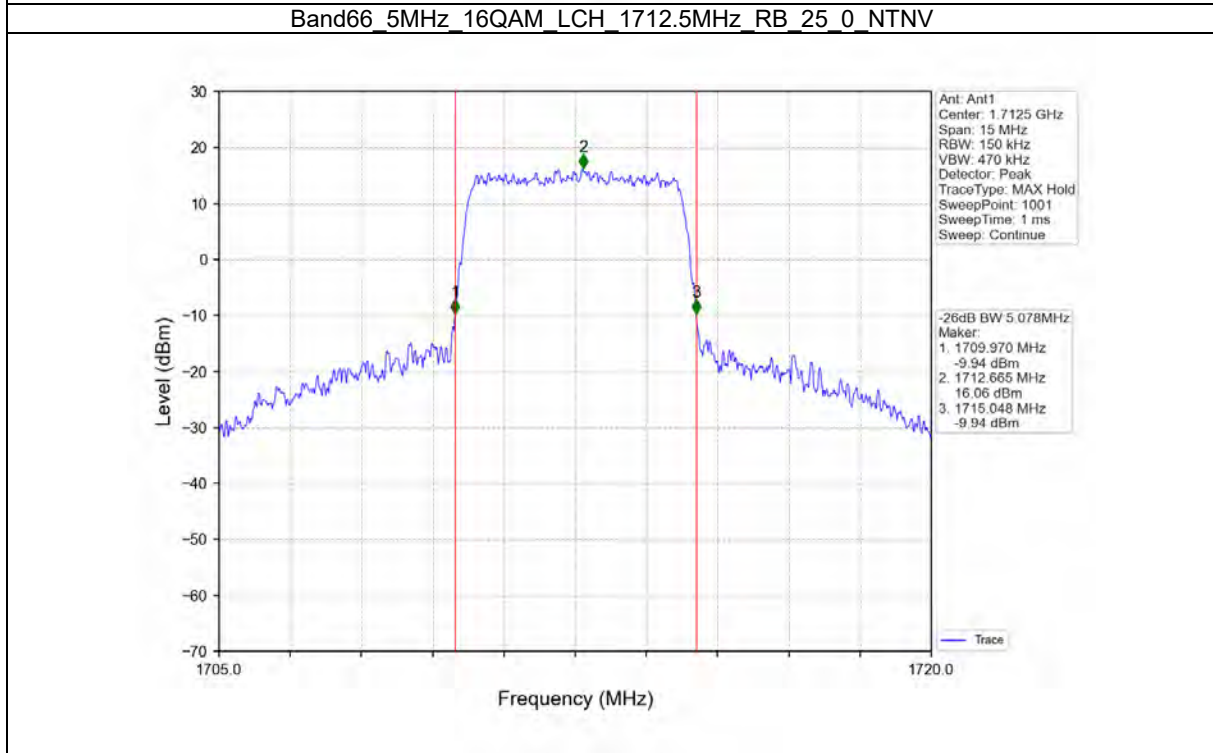
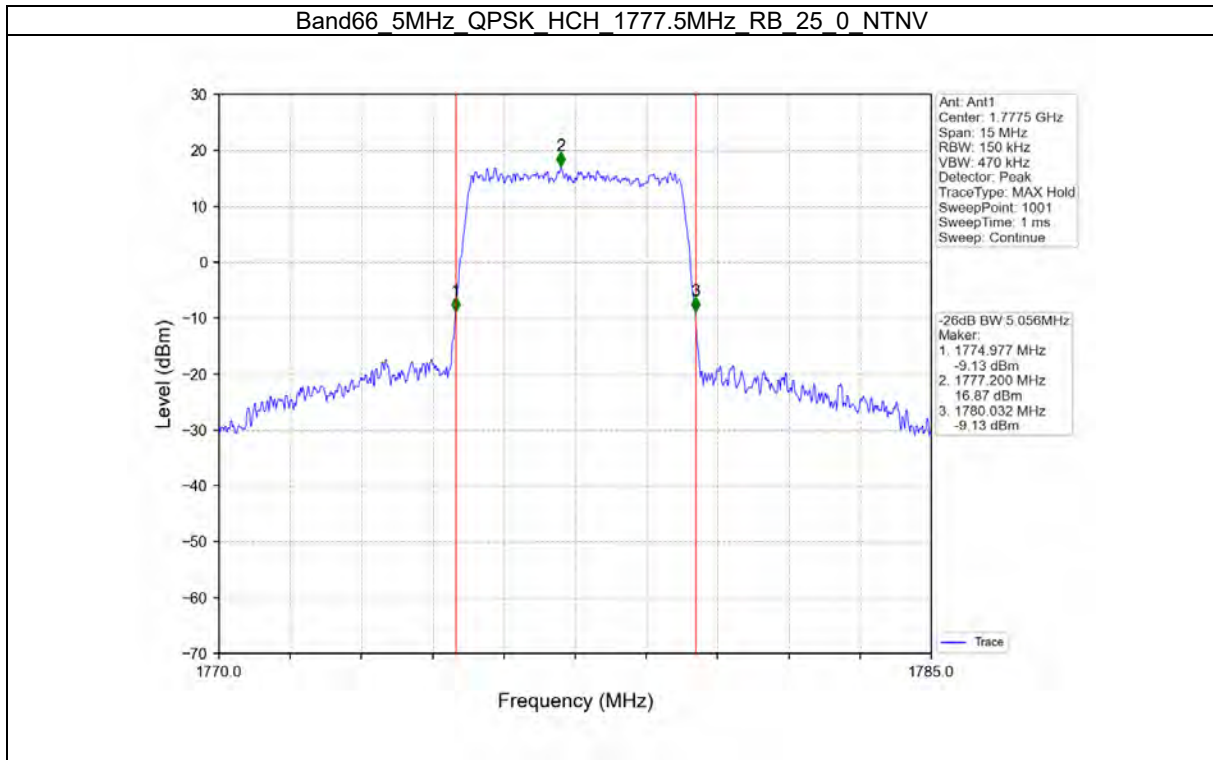


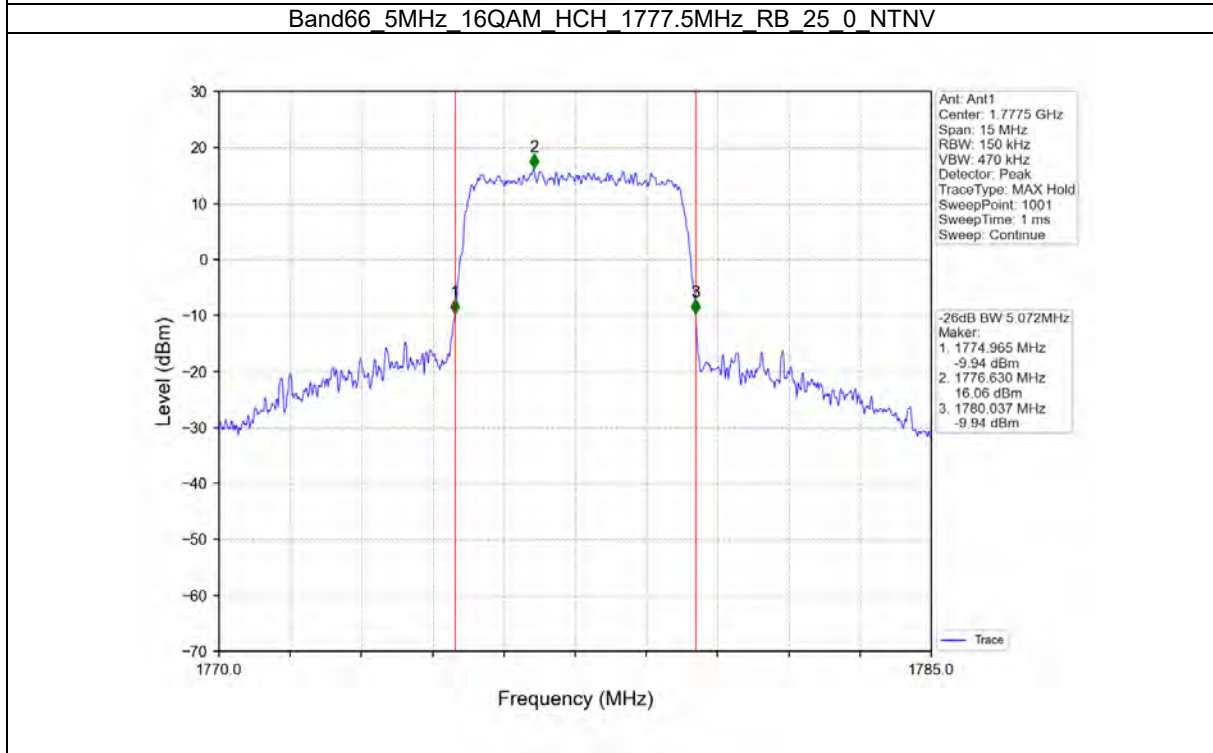
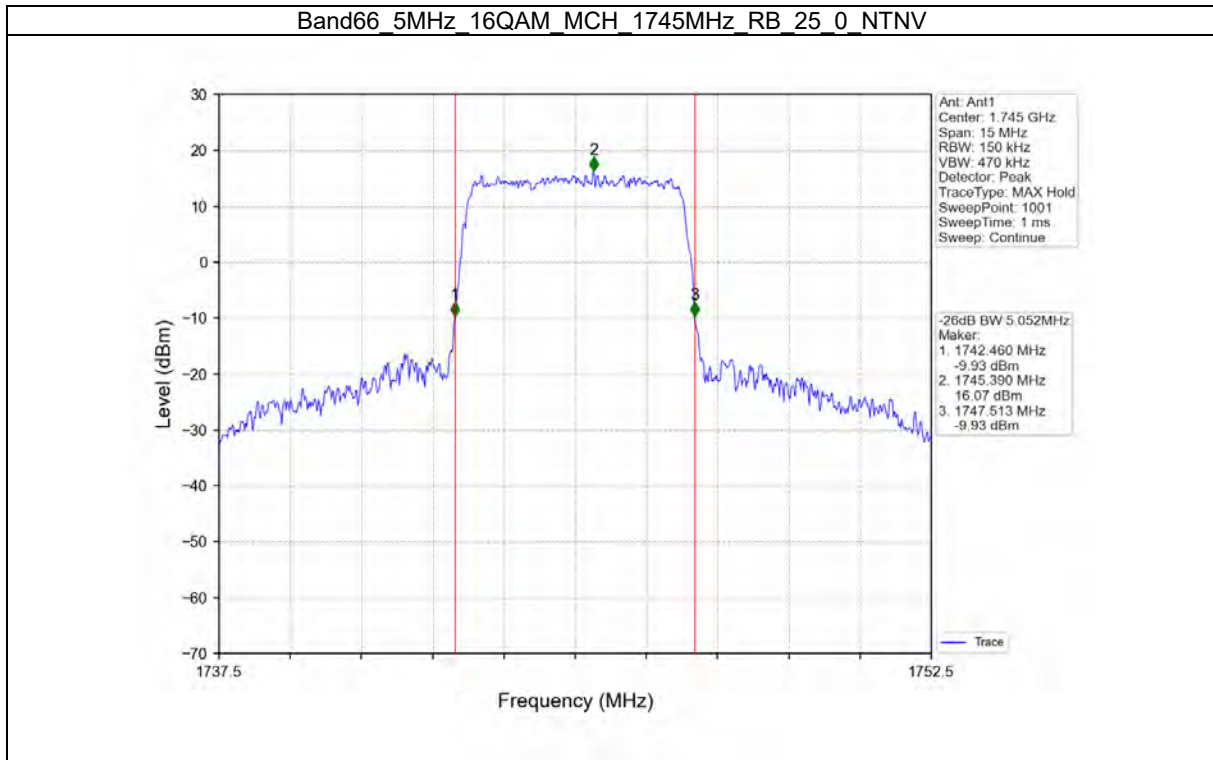


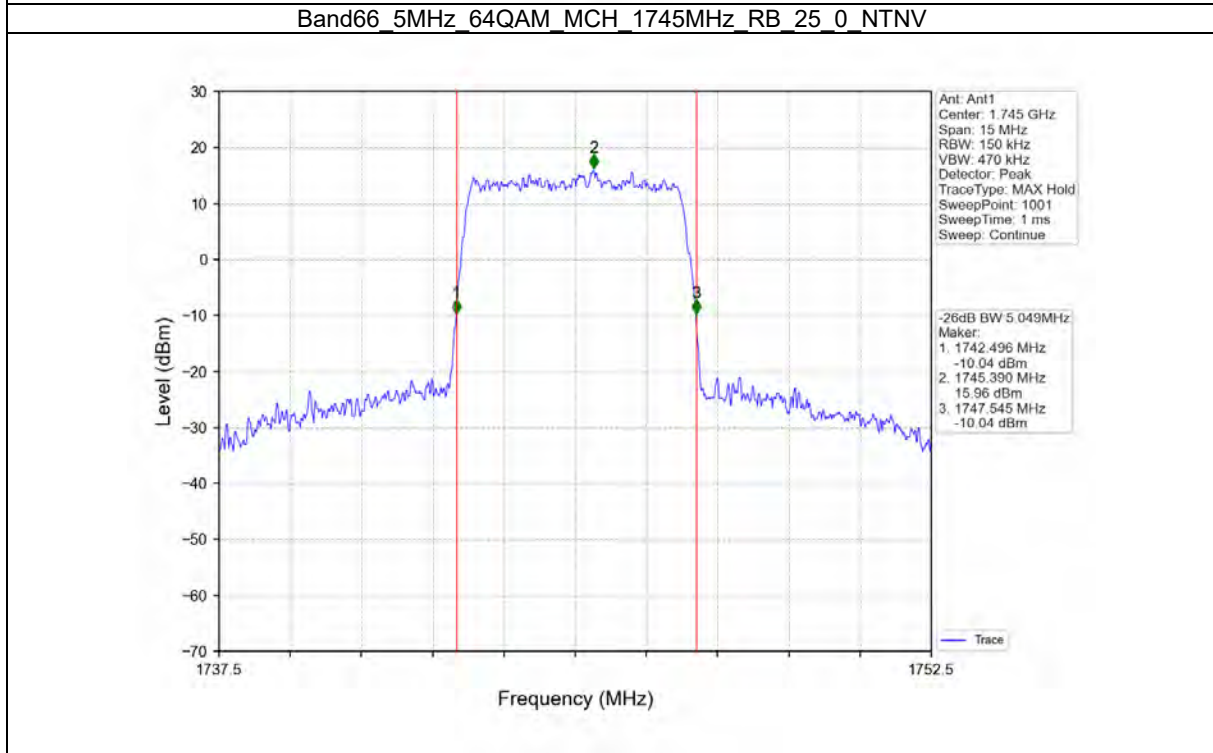
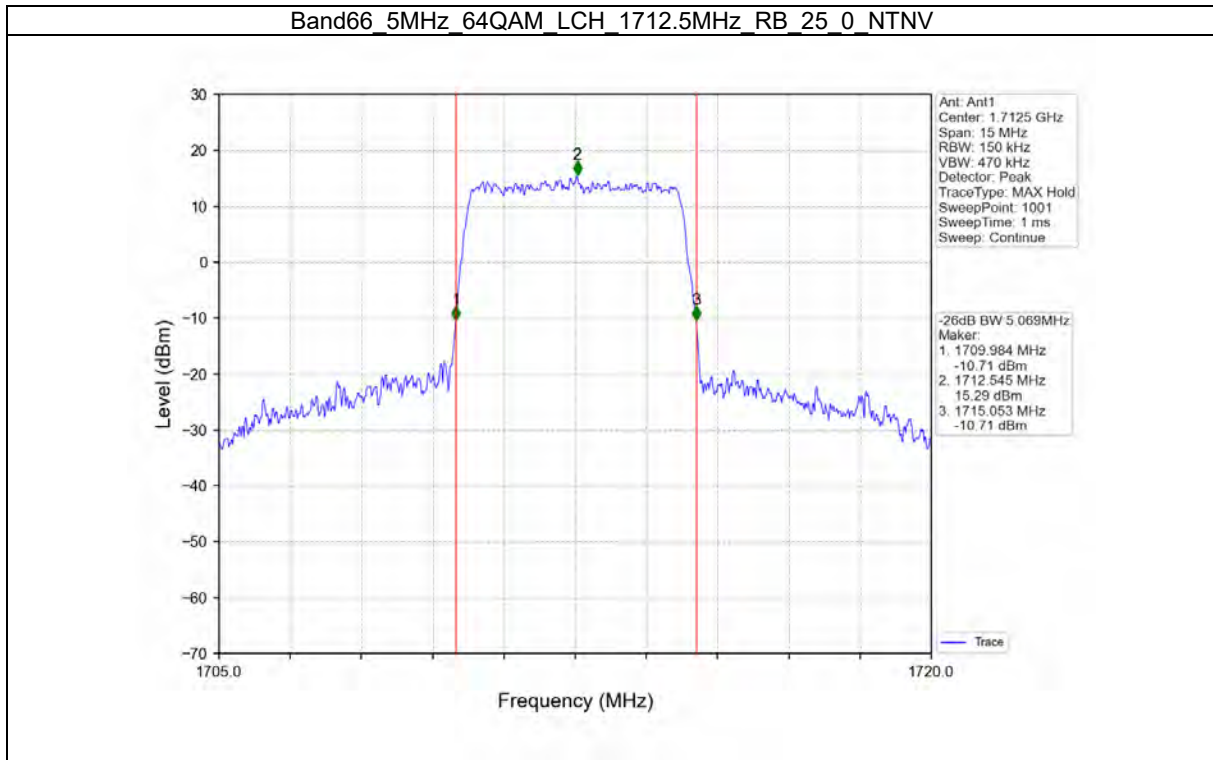


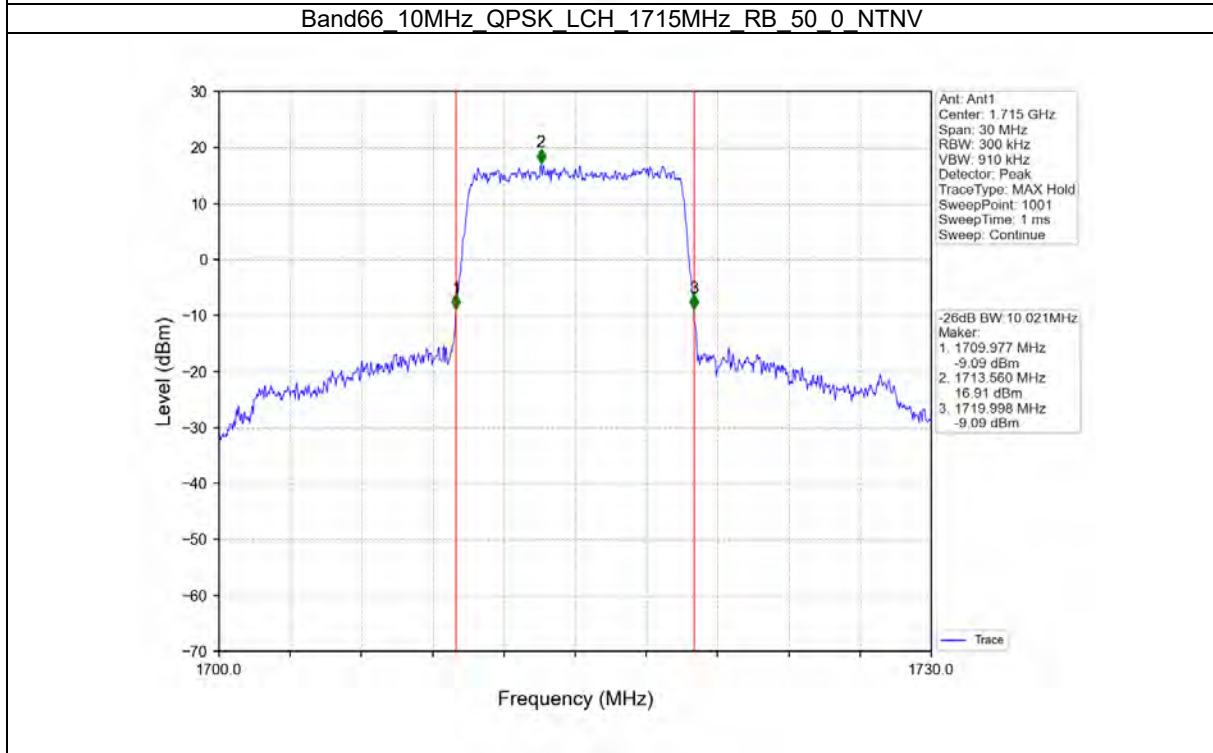
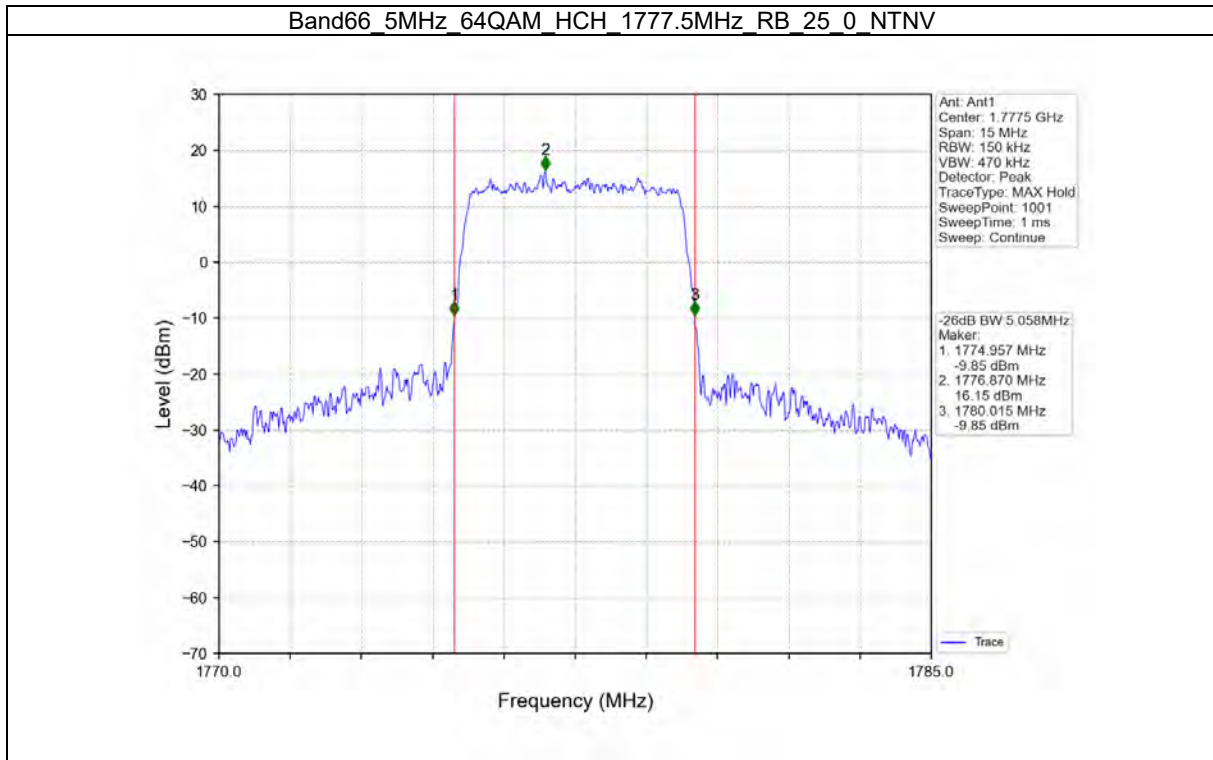


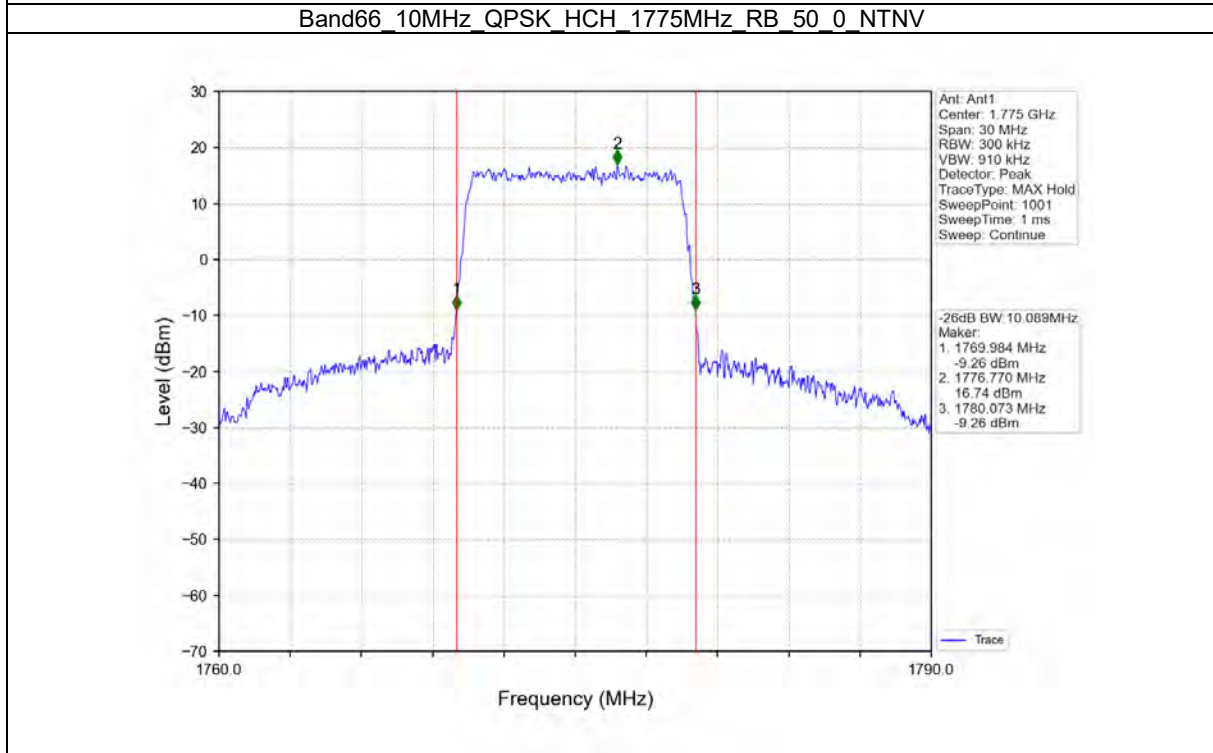
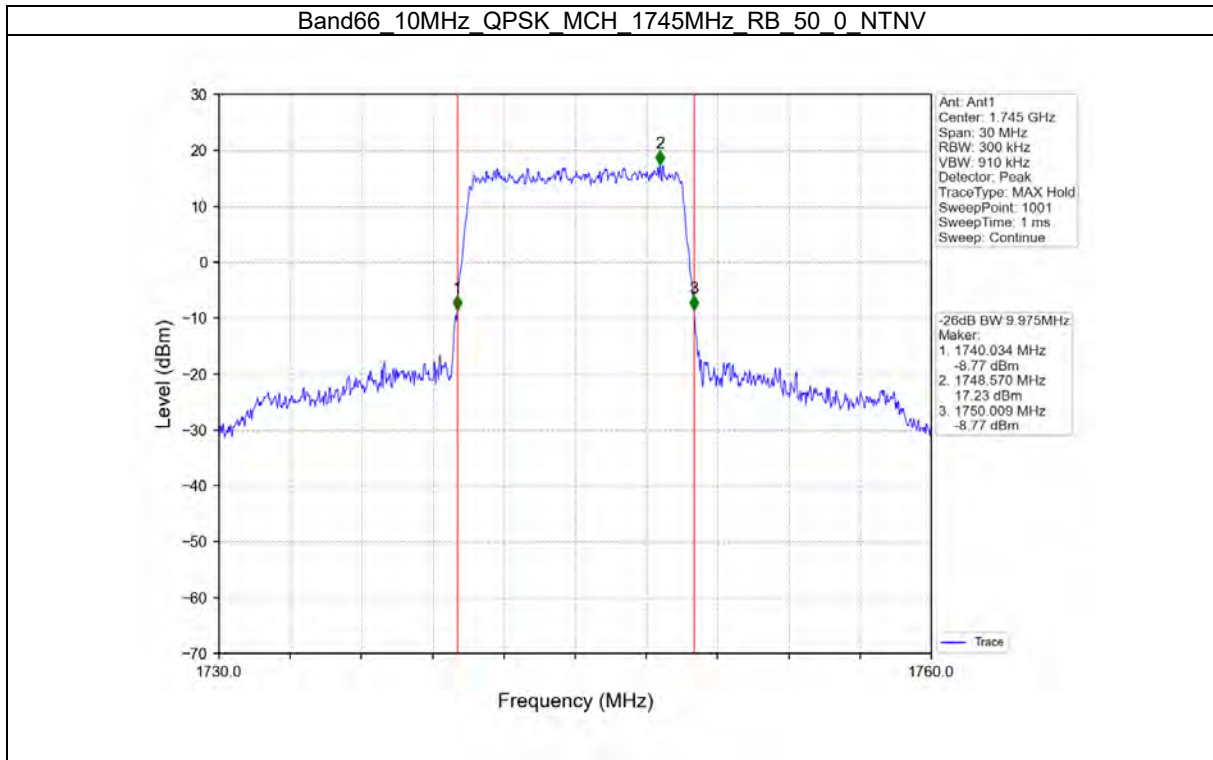


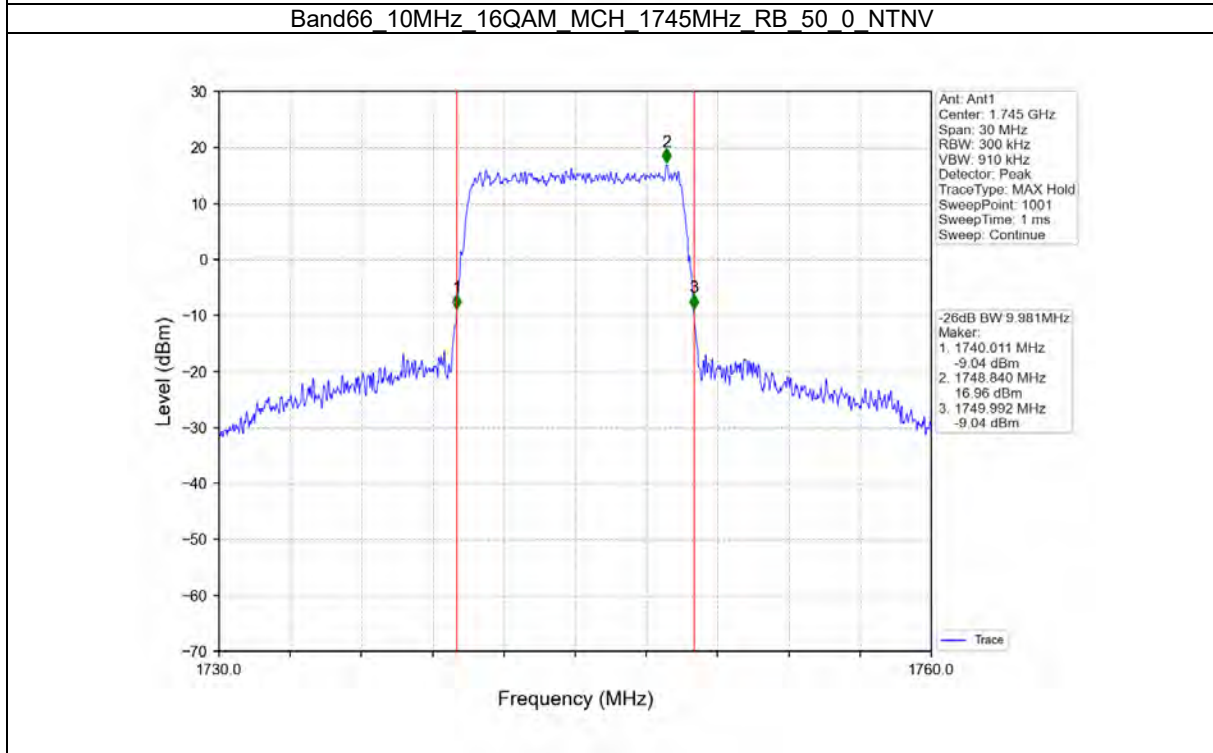
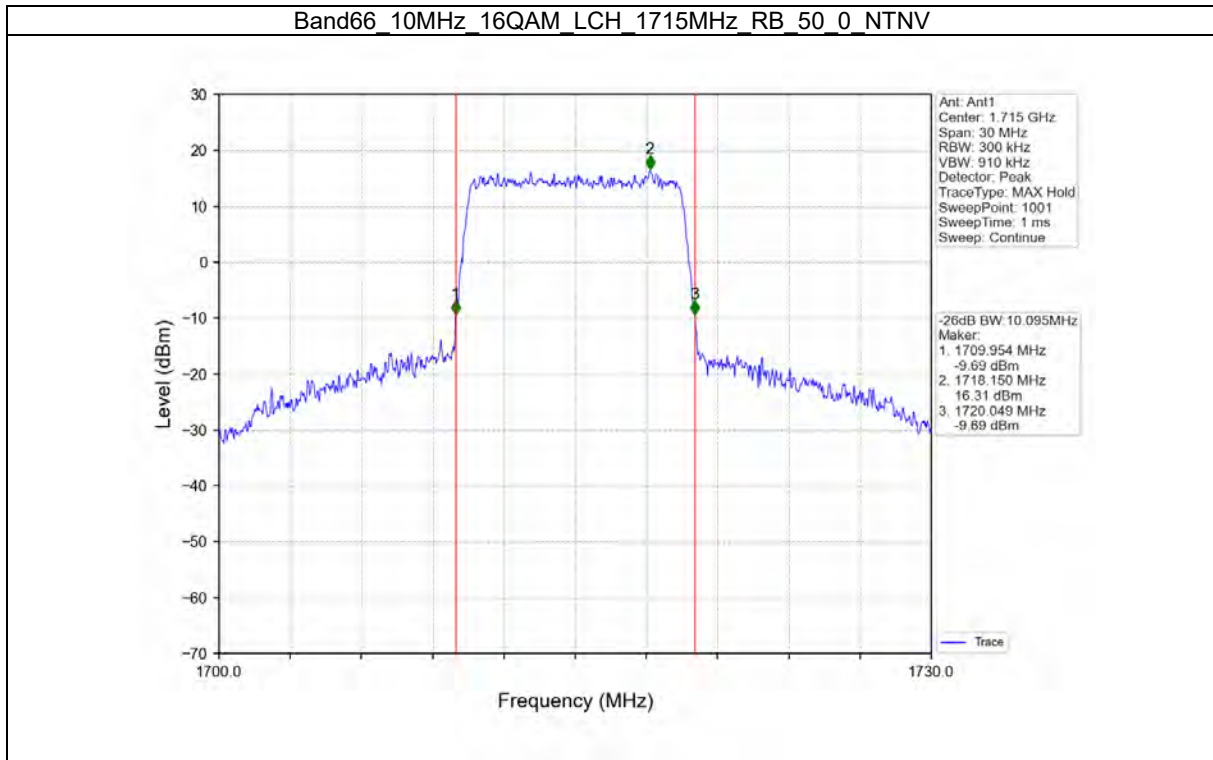


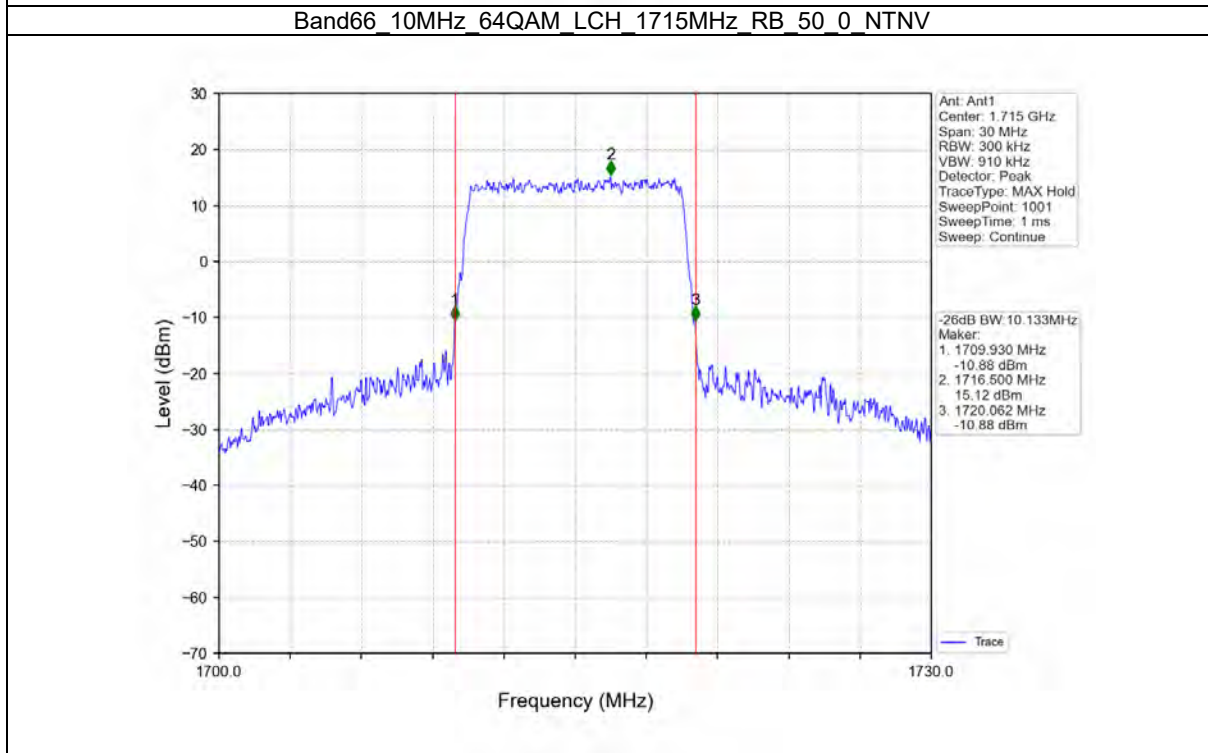
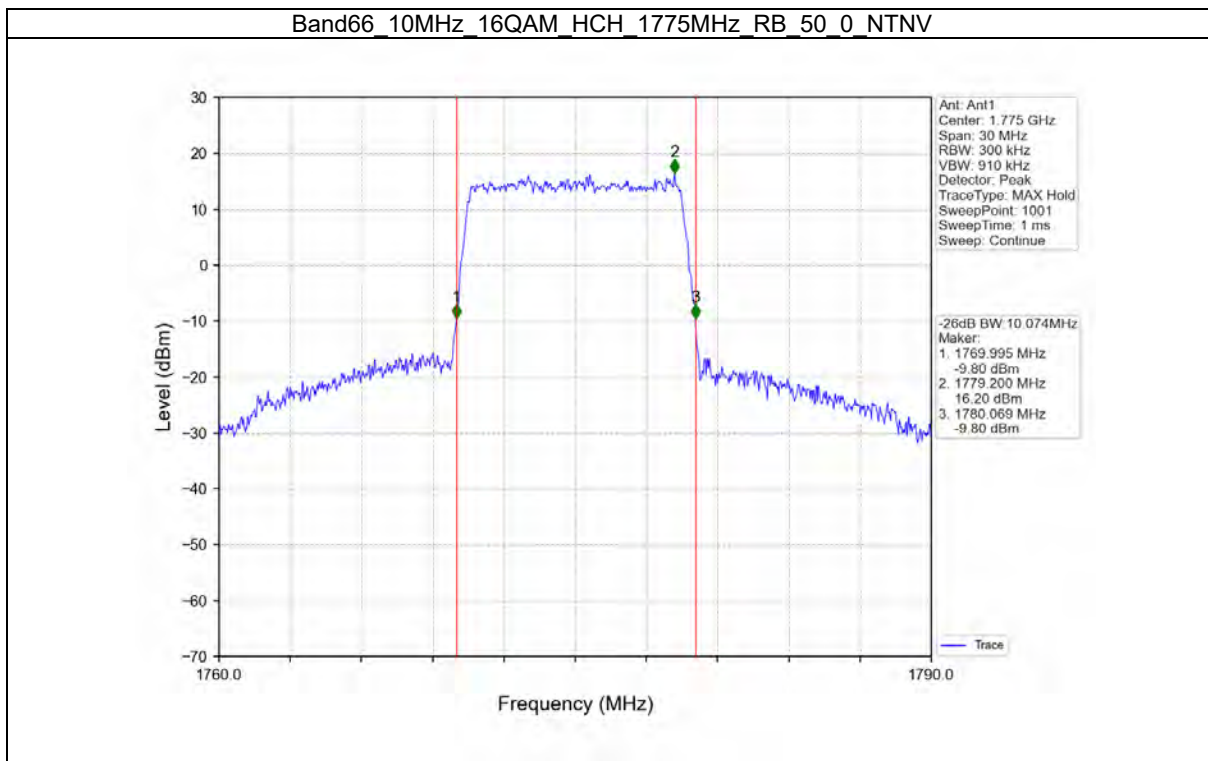


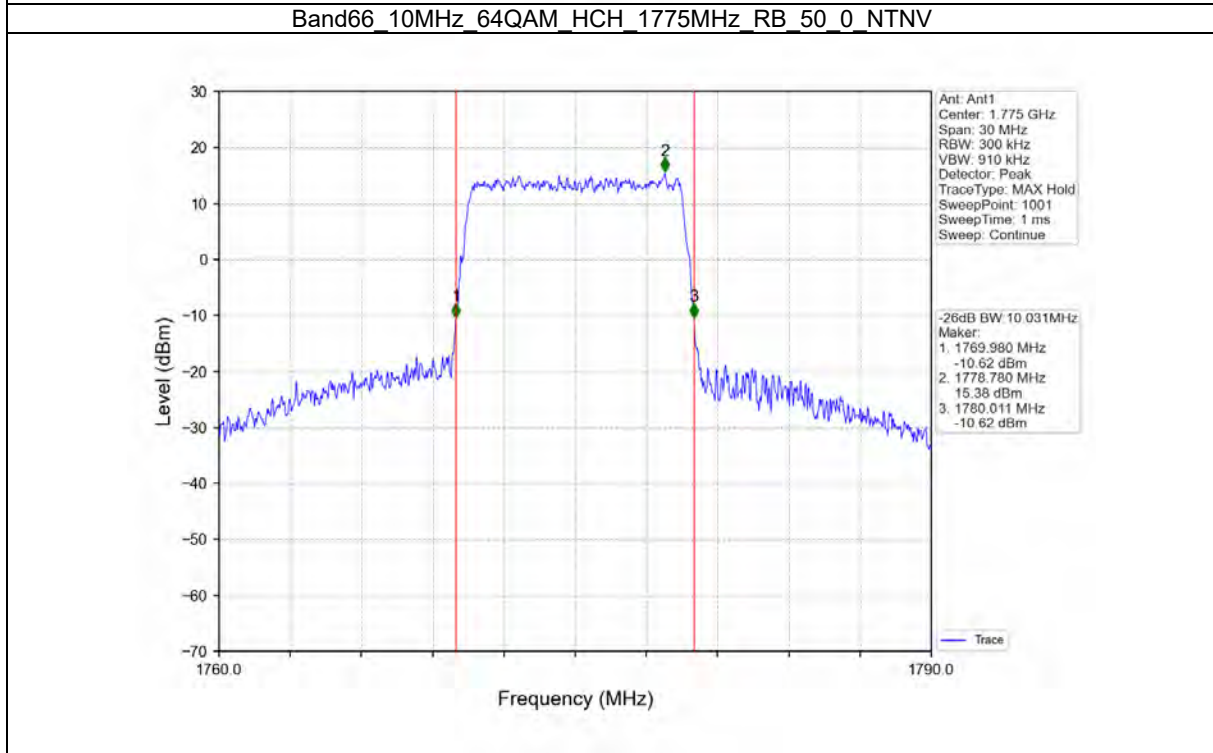
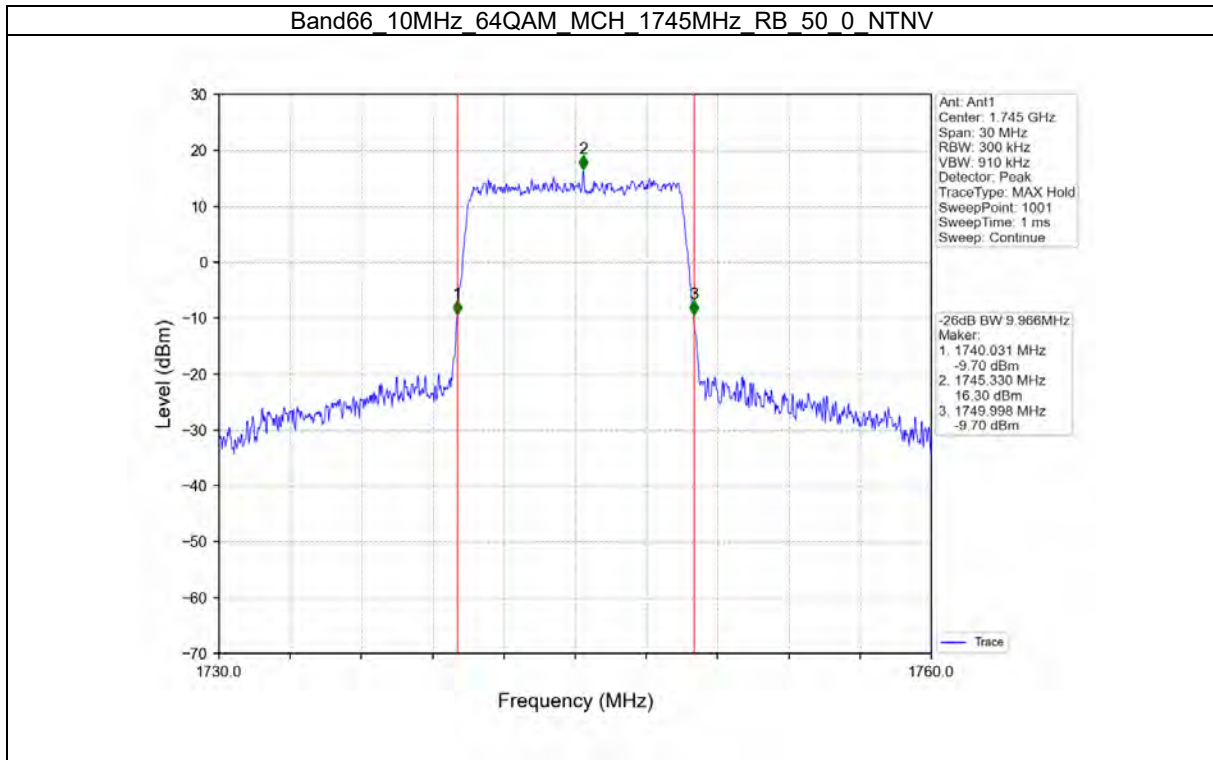


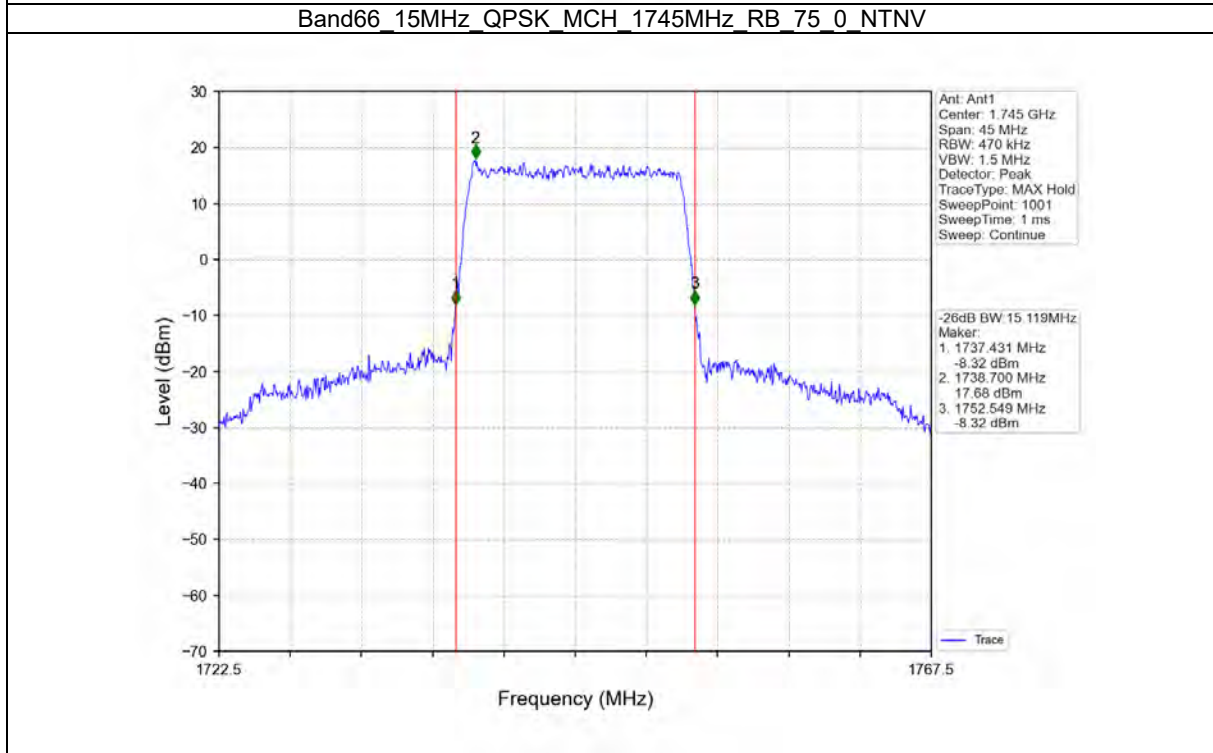
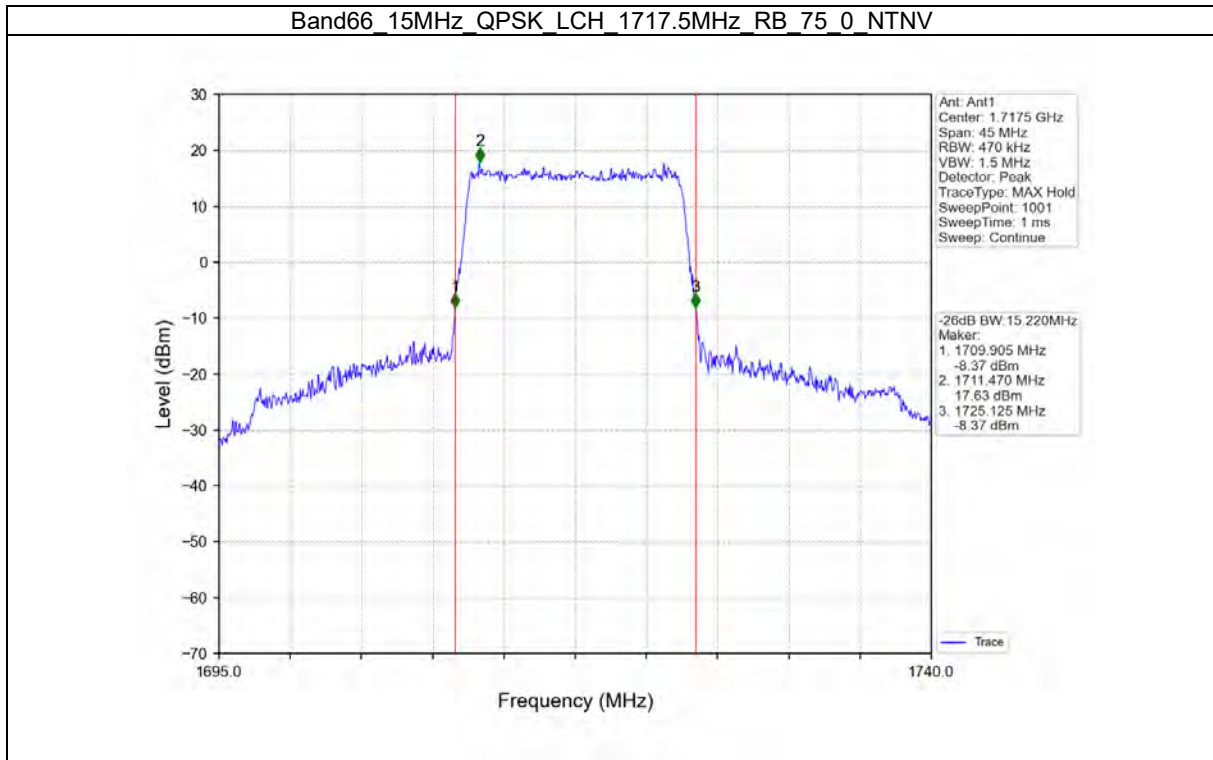


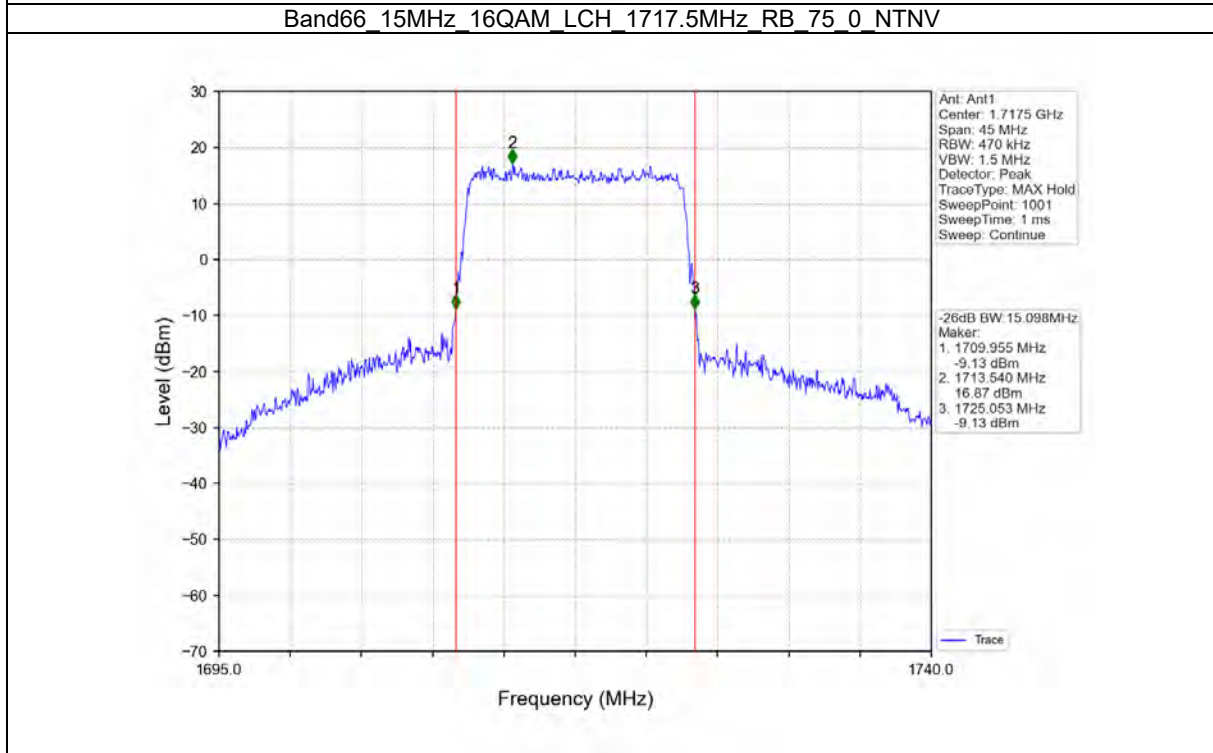
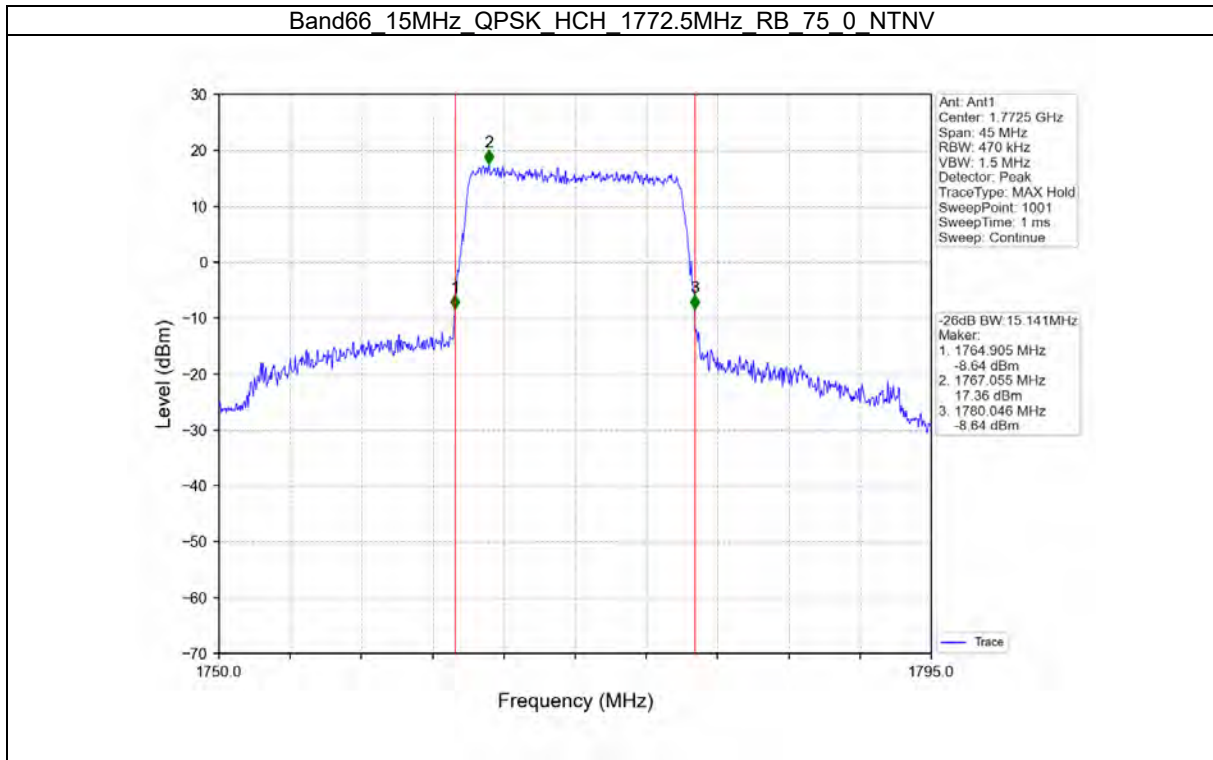


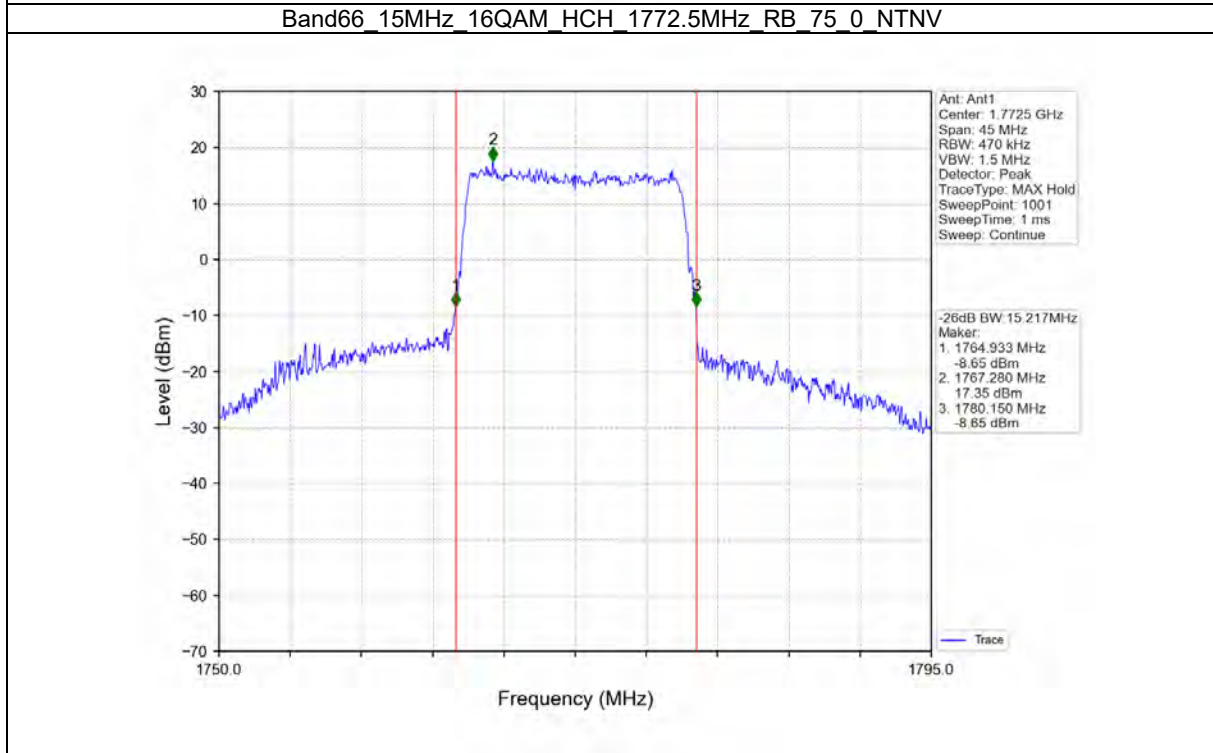
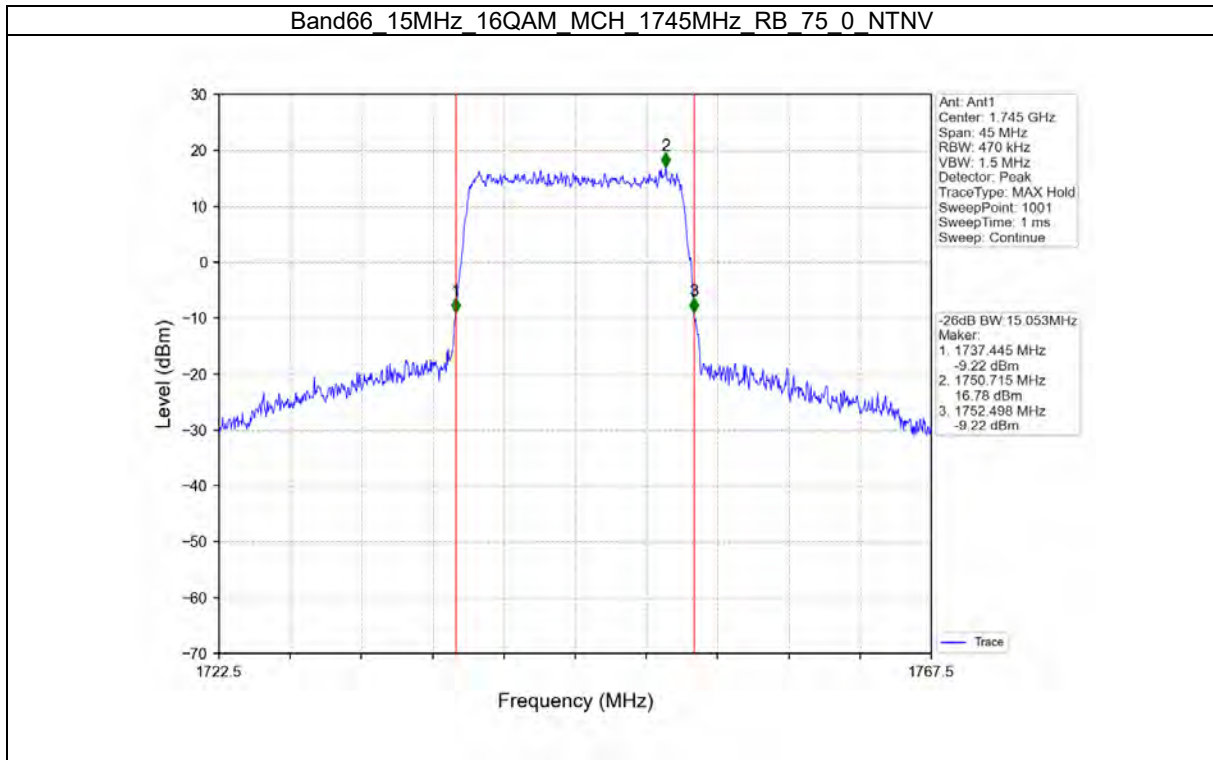


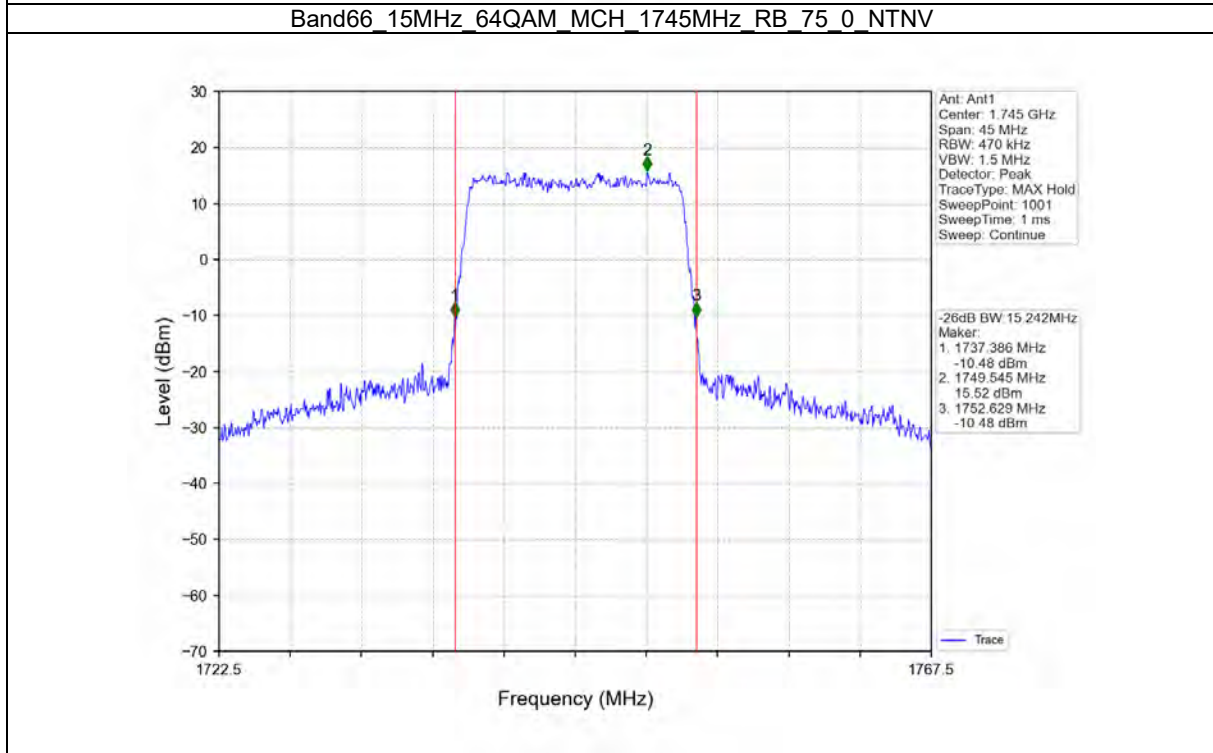
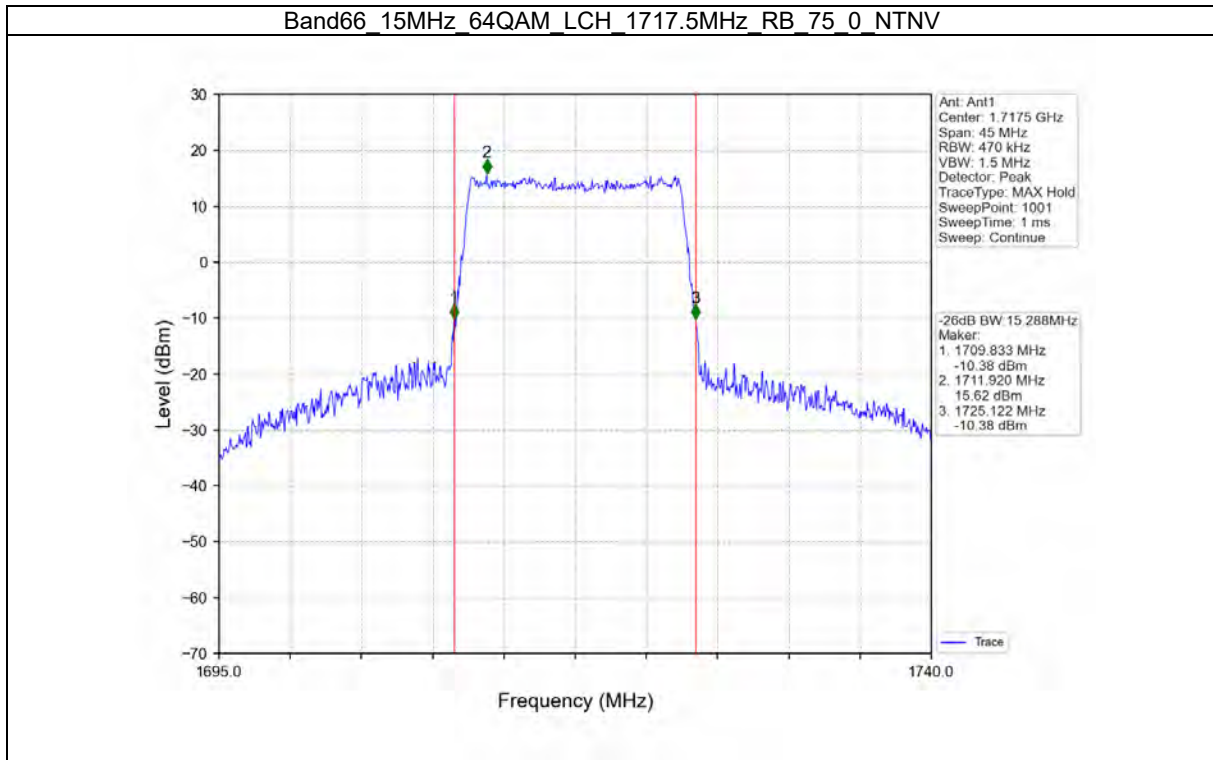


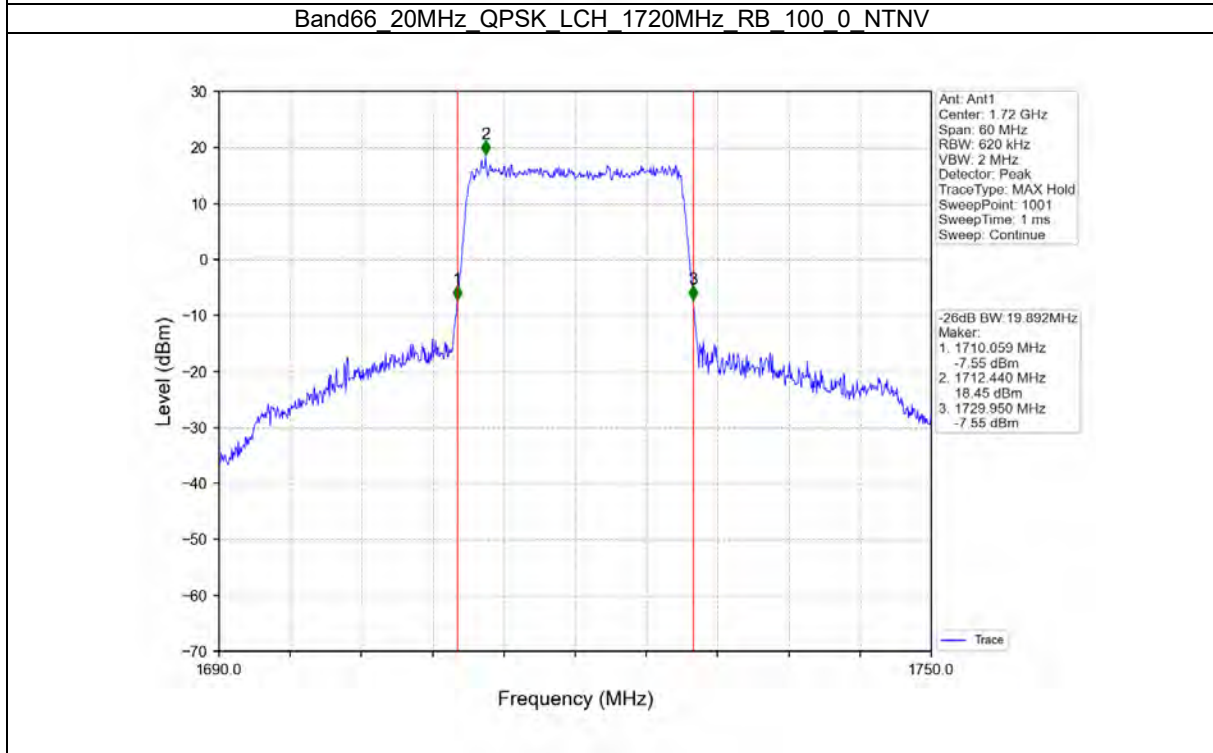
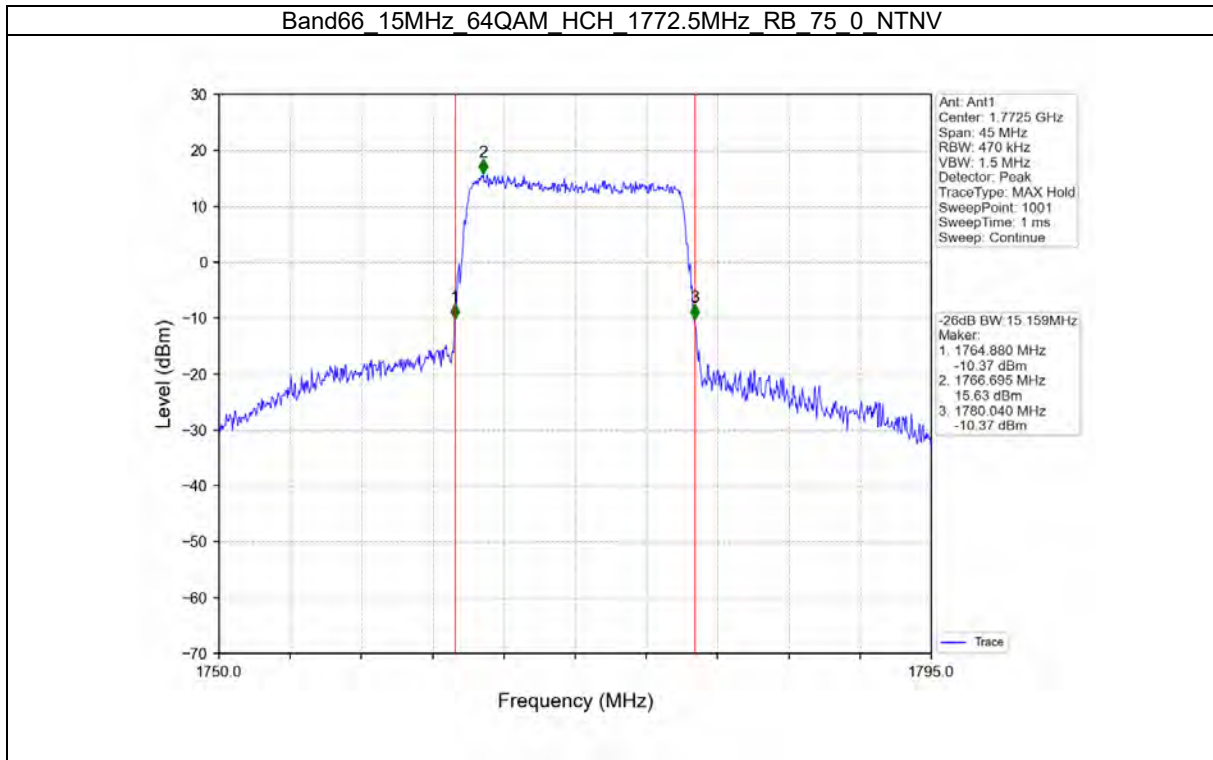


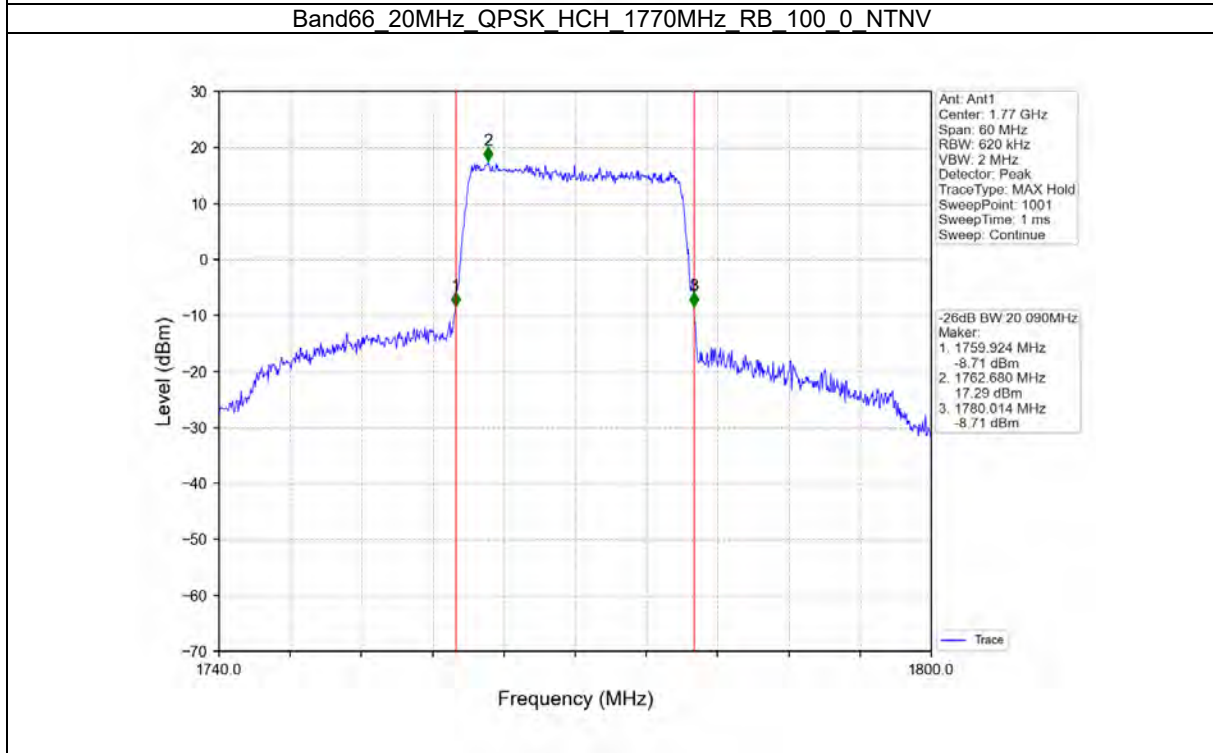
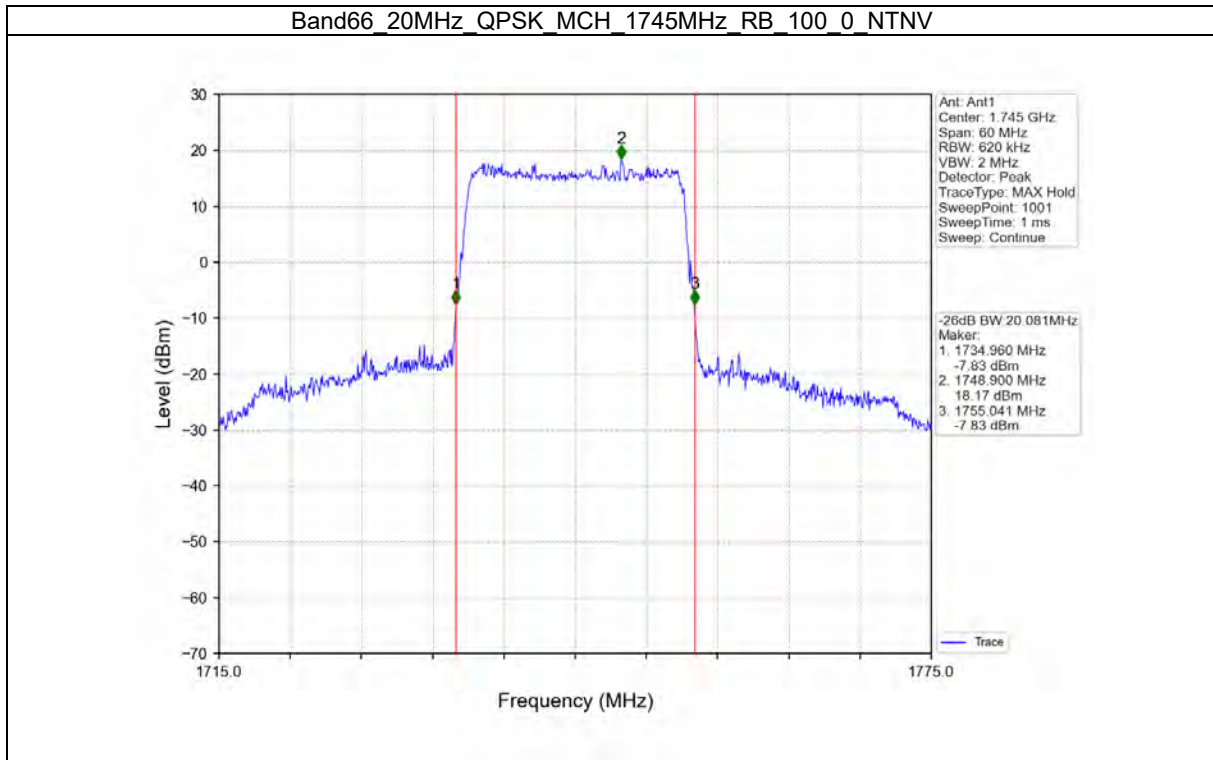


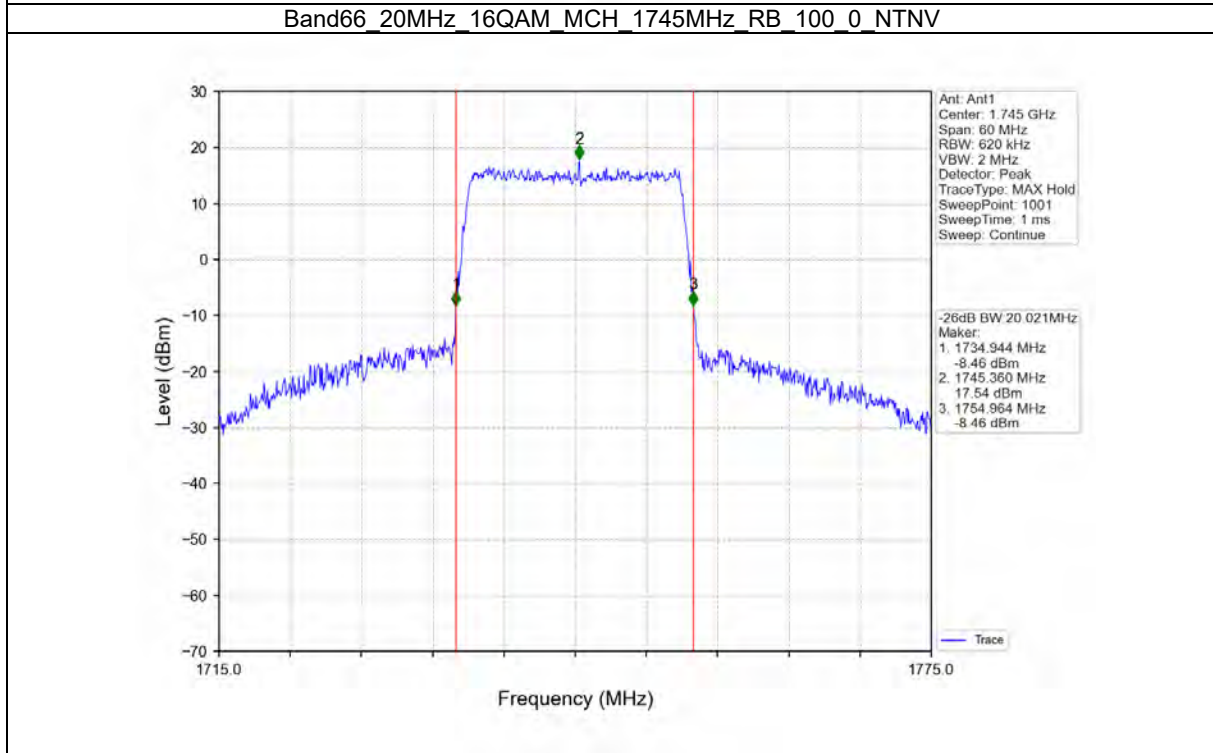
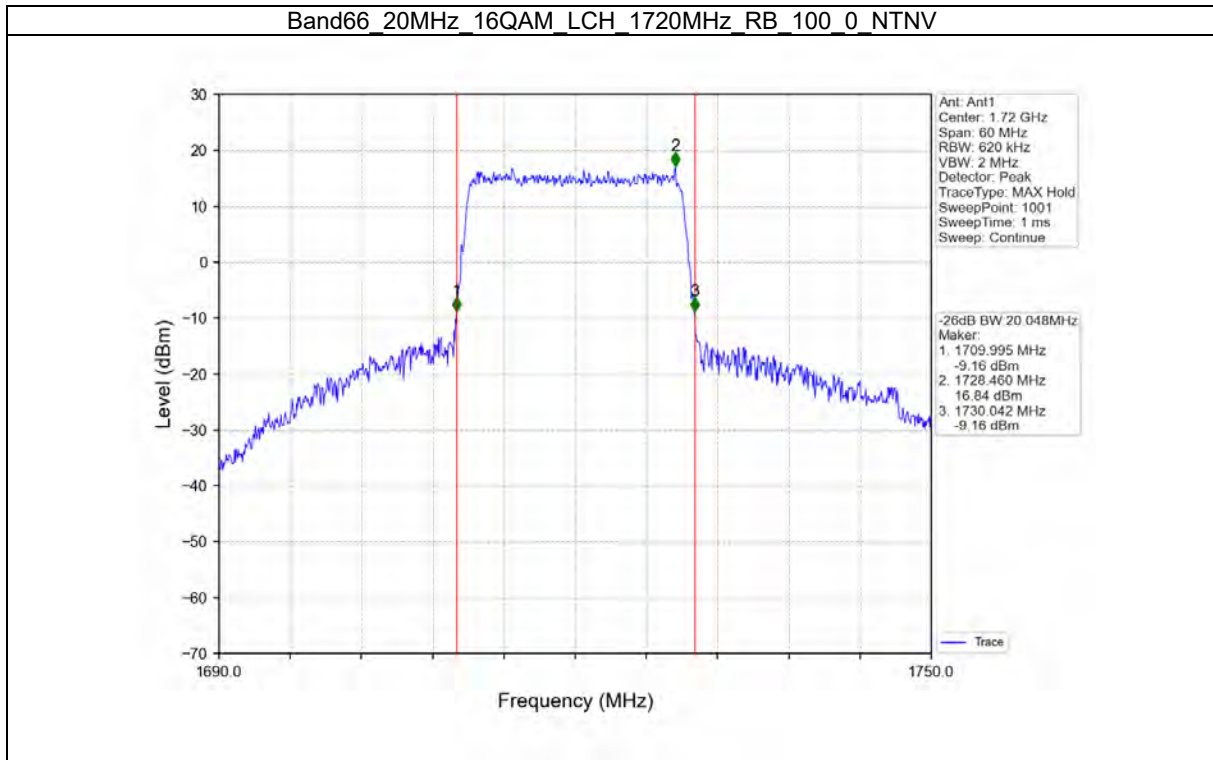


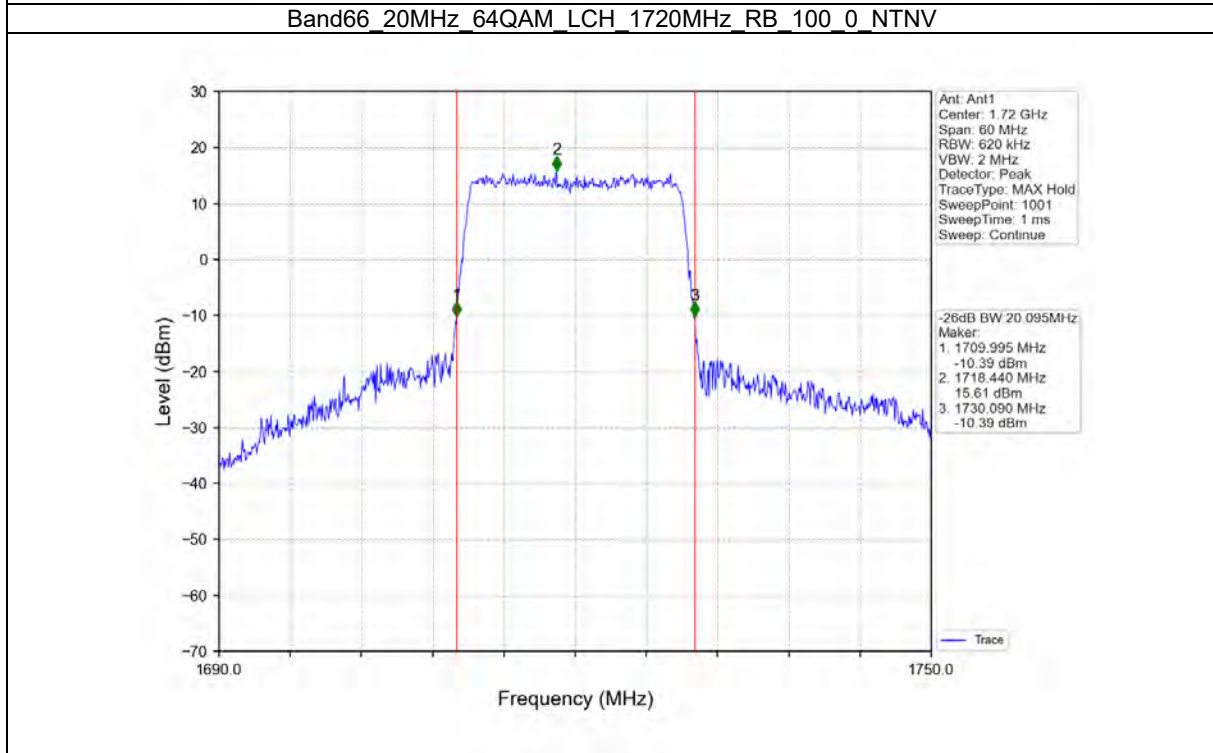
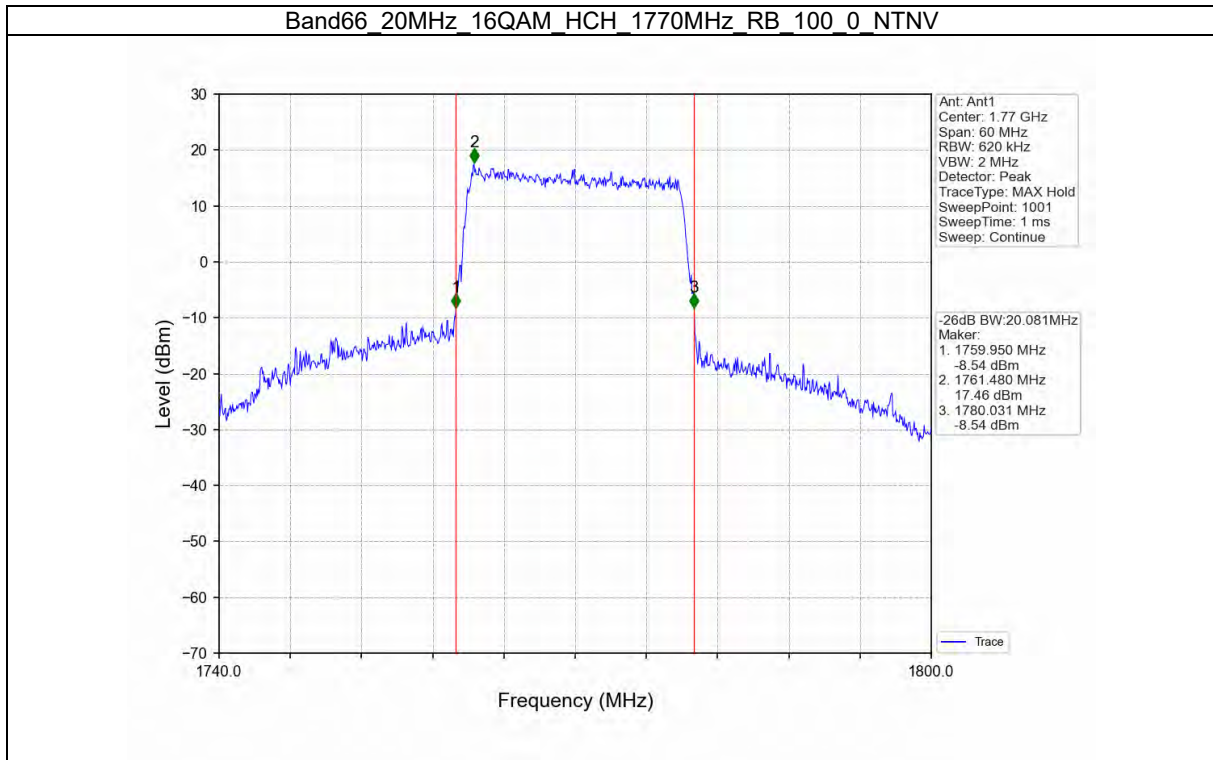


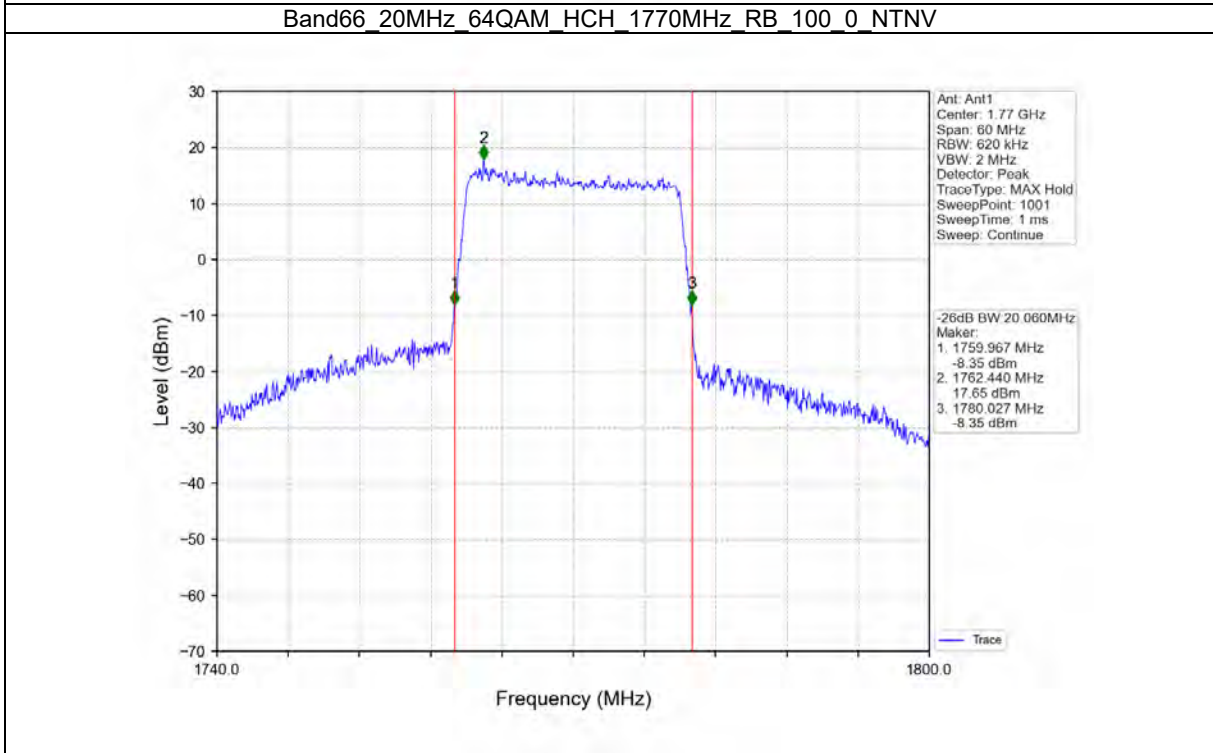
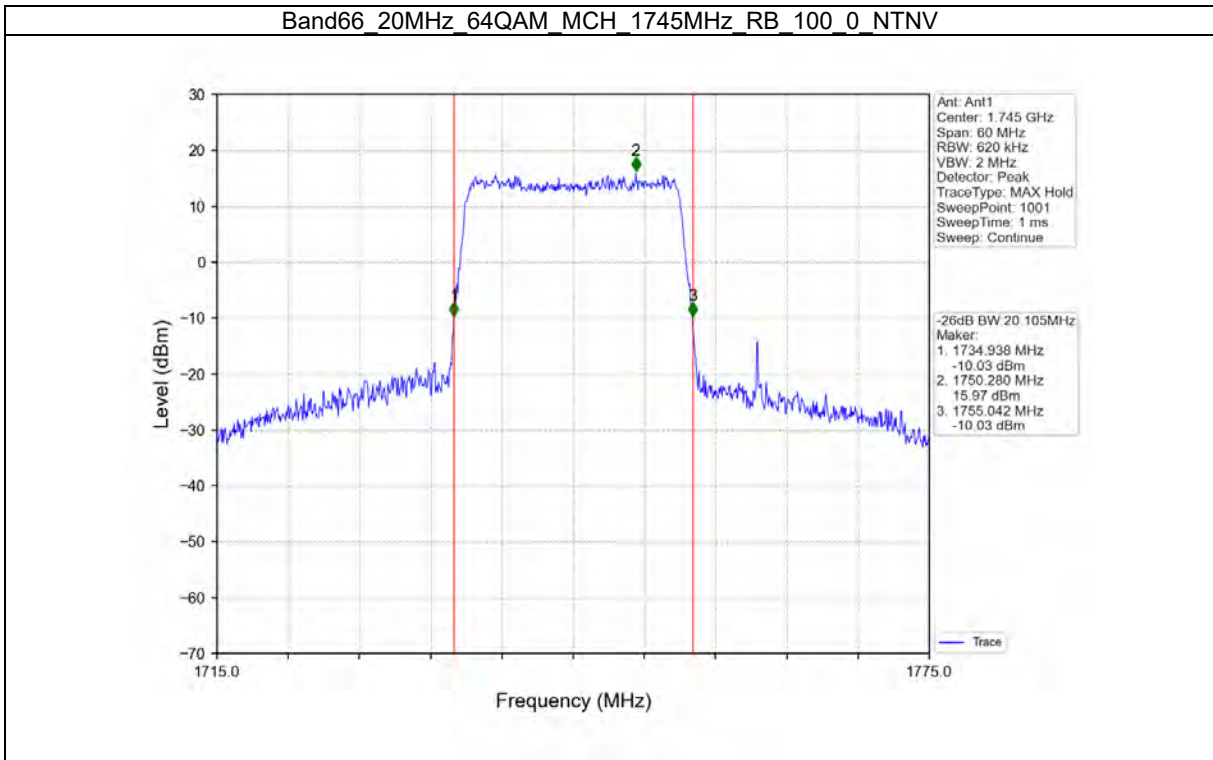












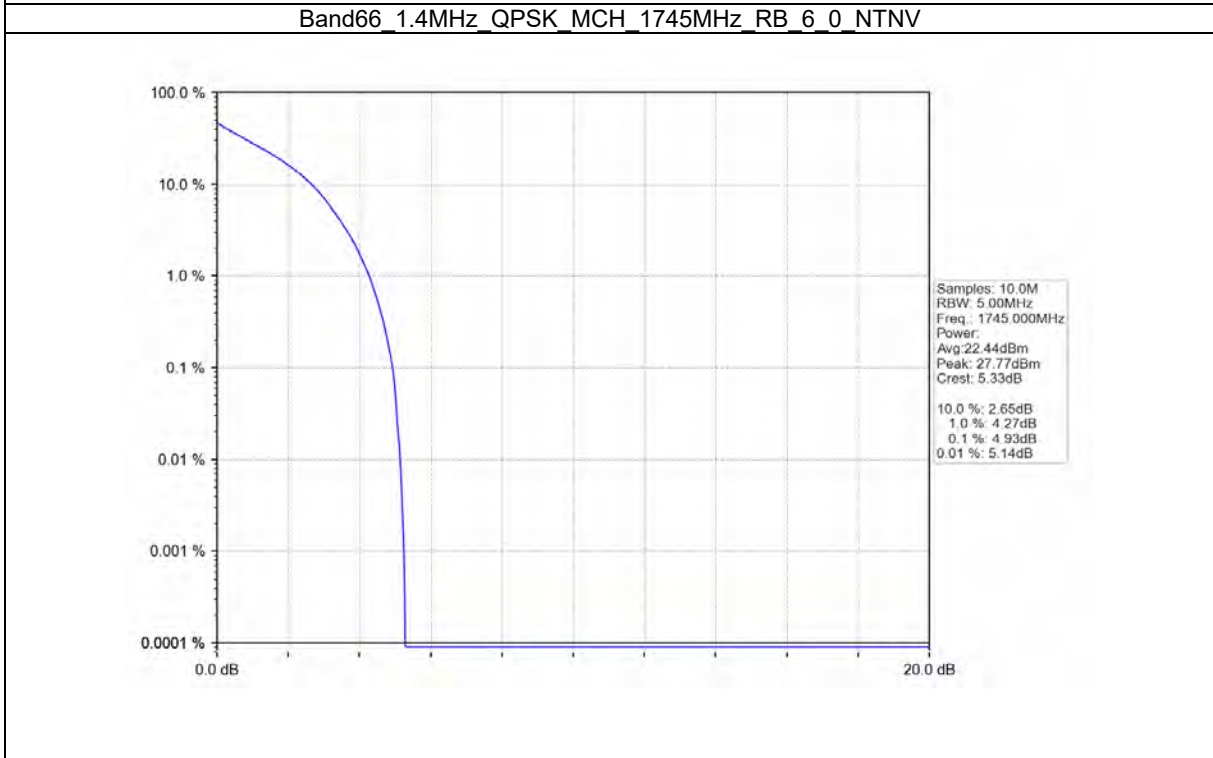
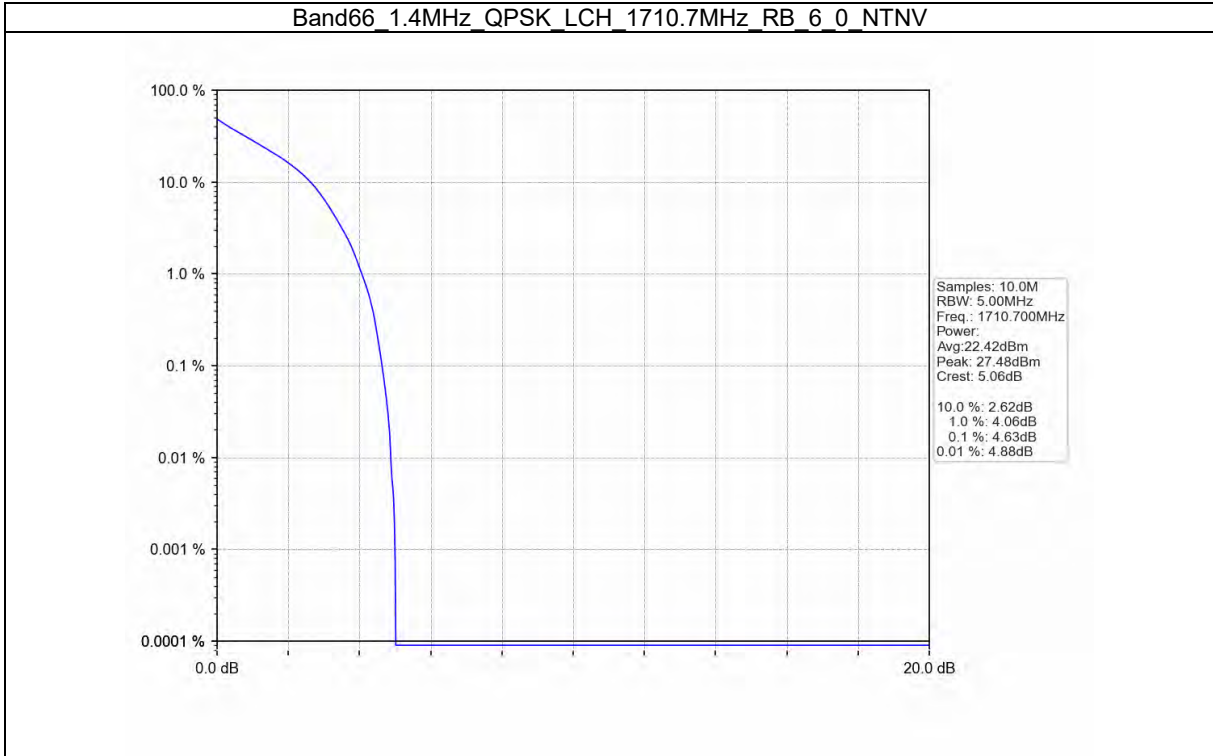


Test Report No.: W7L-P21100018-1RF06

PEAK-AVERAGE RATIO B66 1.4MHZ TEST RESULT

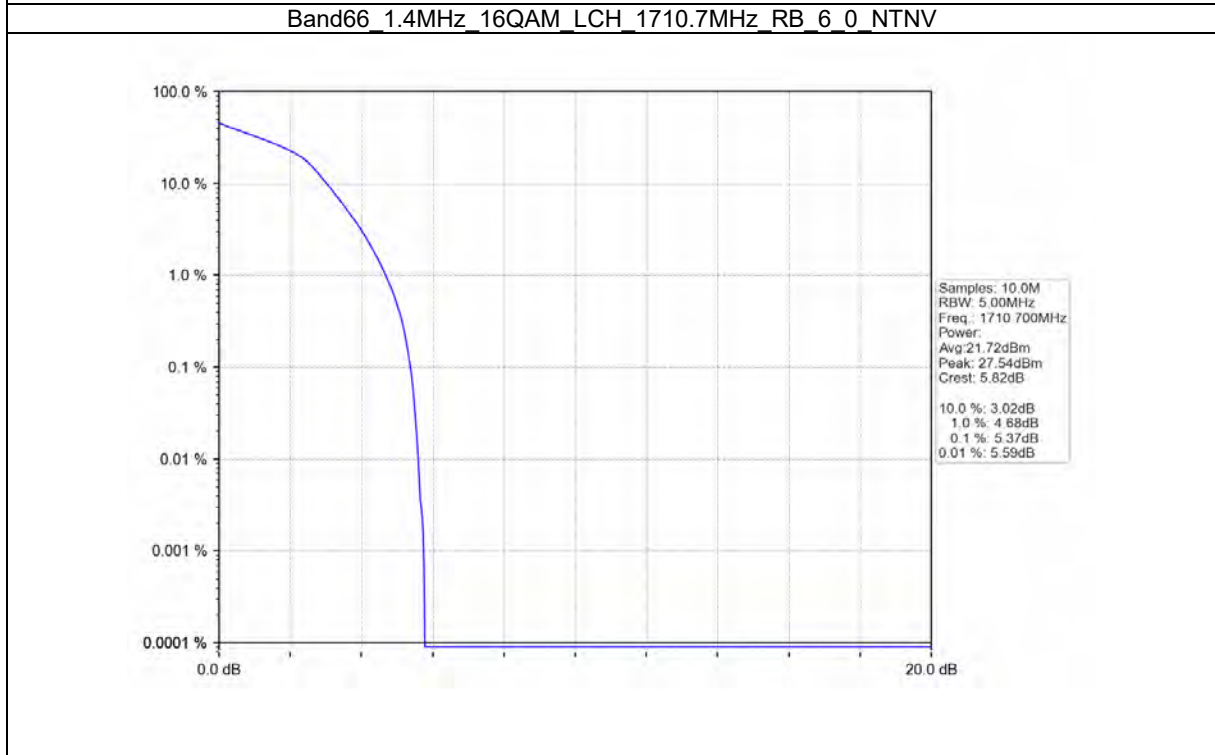
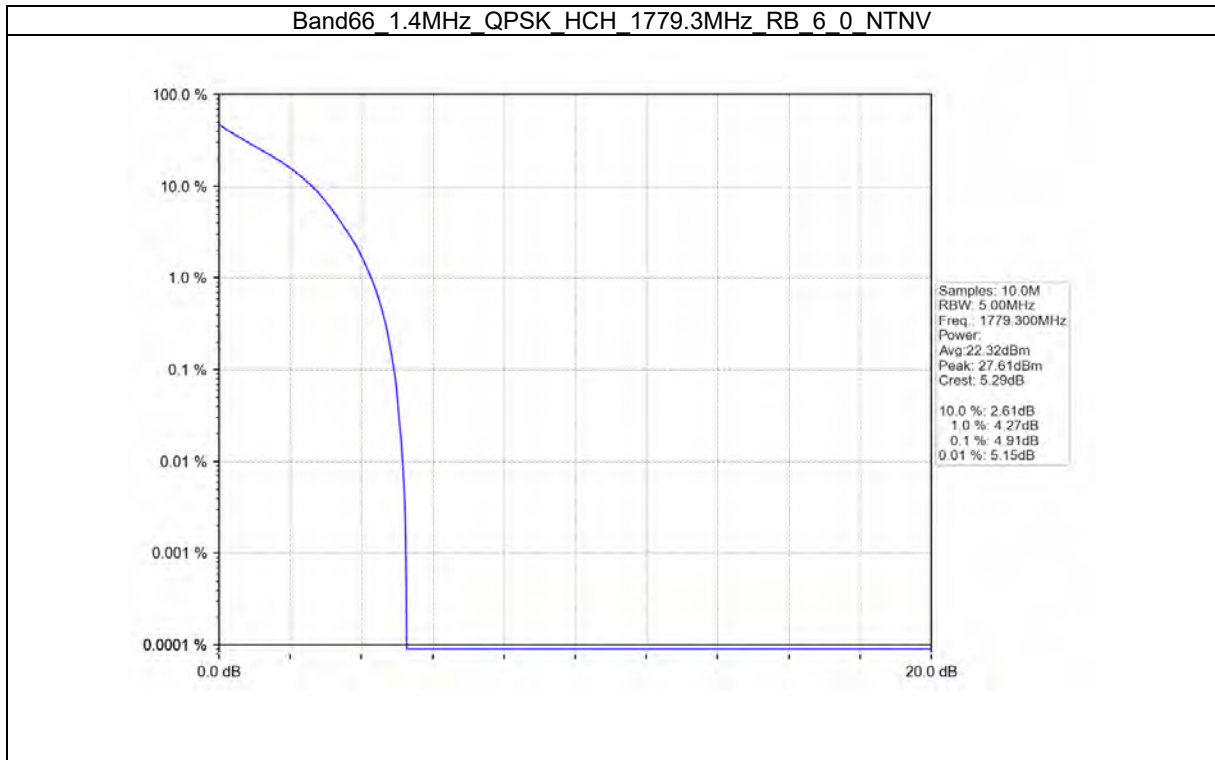
Band: 66 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.63	<=13	Pass
	1745	6	0	4.93	<=13	Pass
	1779.3	6	0	4.91	<=13	Pass
16QAM	1710.7	6	0	5.37	<=13	Pass
	1745	6	0	5.60	<=13	Pass
	1779.3	6	0	5.53	<=13	Pass
64QAM	1710.7	6	0	5.98	<=13	Pass
	1745	6	0	6.34	<=13	Pass
	1779.3	6	0	6.25	<=13	Pass

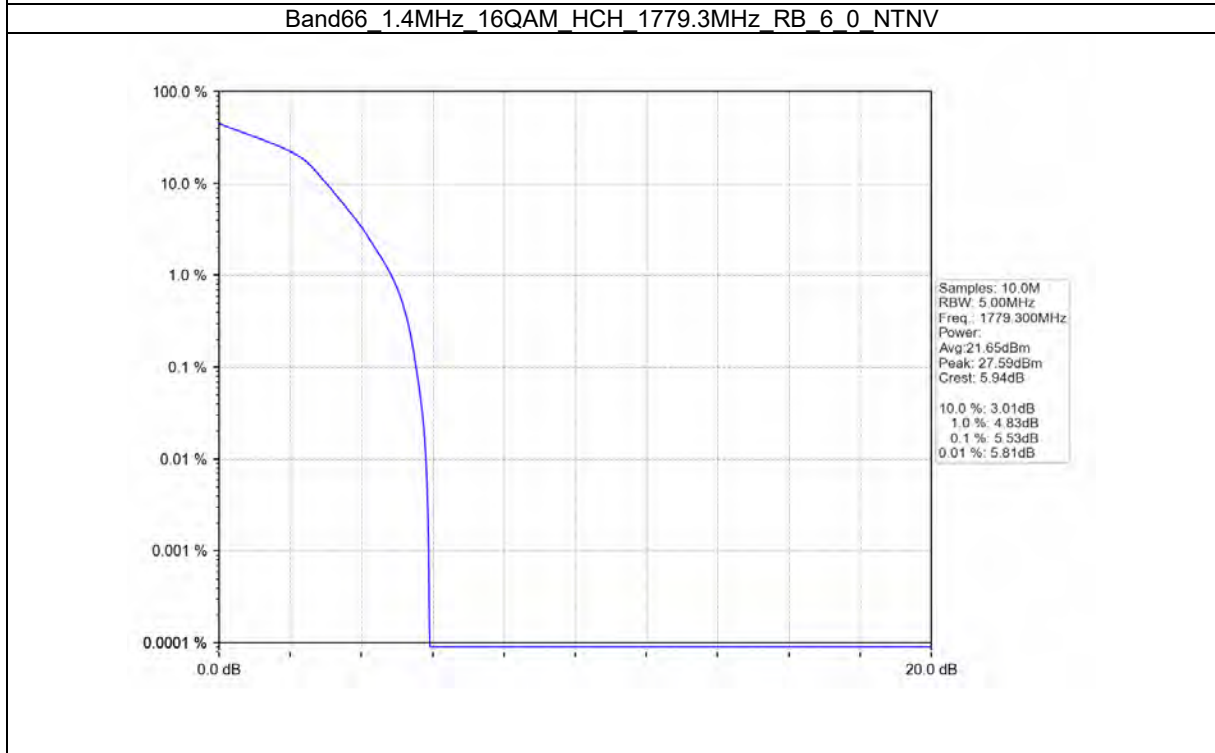
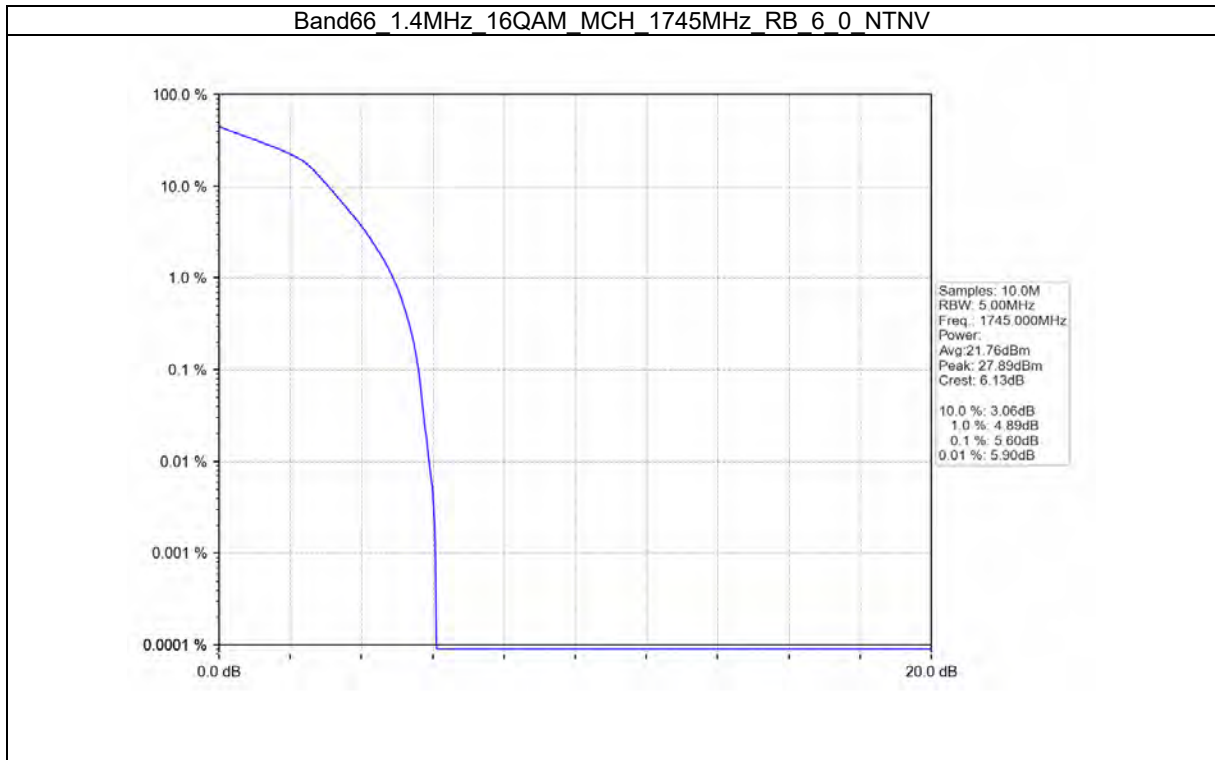
TEST GRAPH

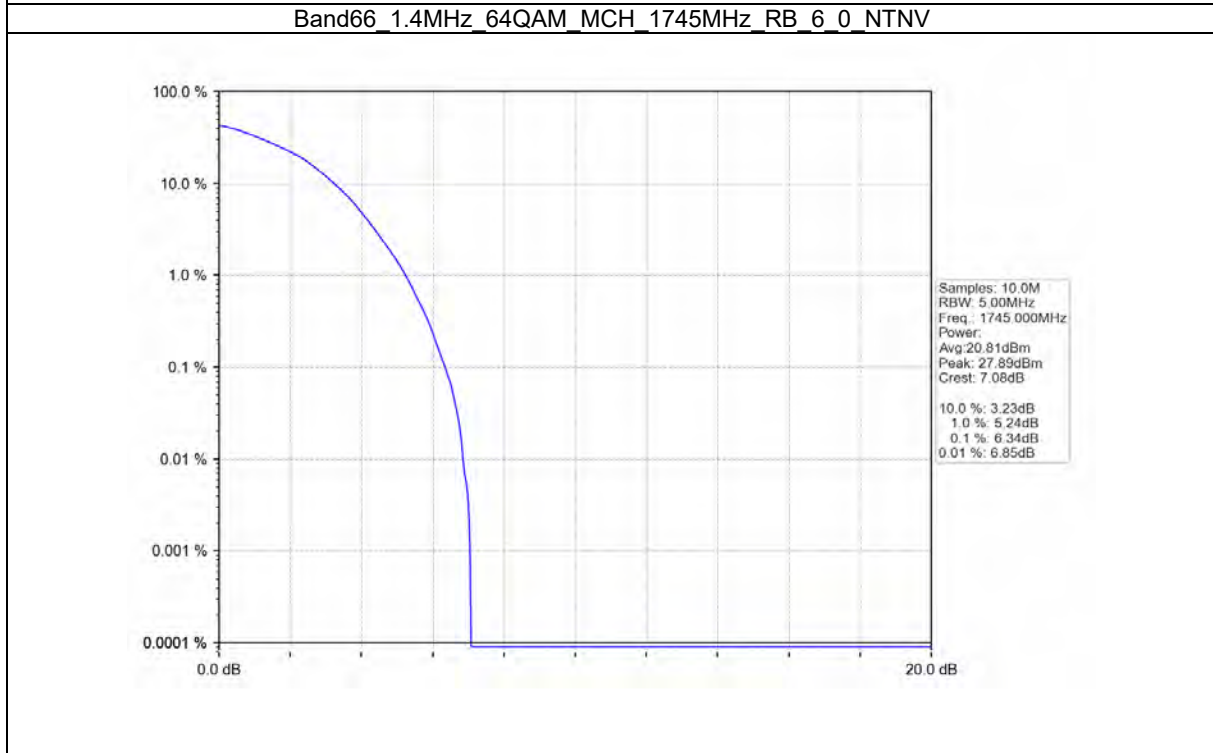
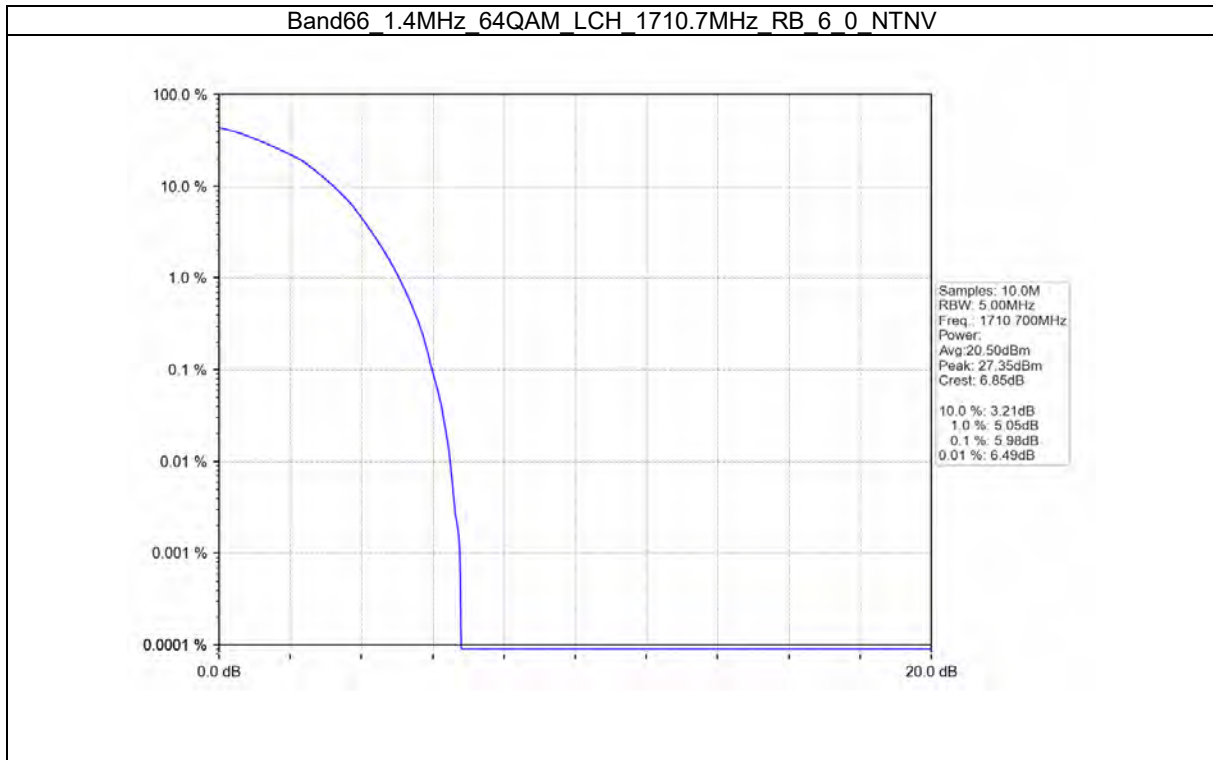




Test Report No.: W7L-P21100018-1RF06

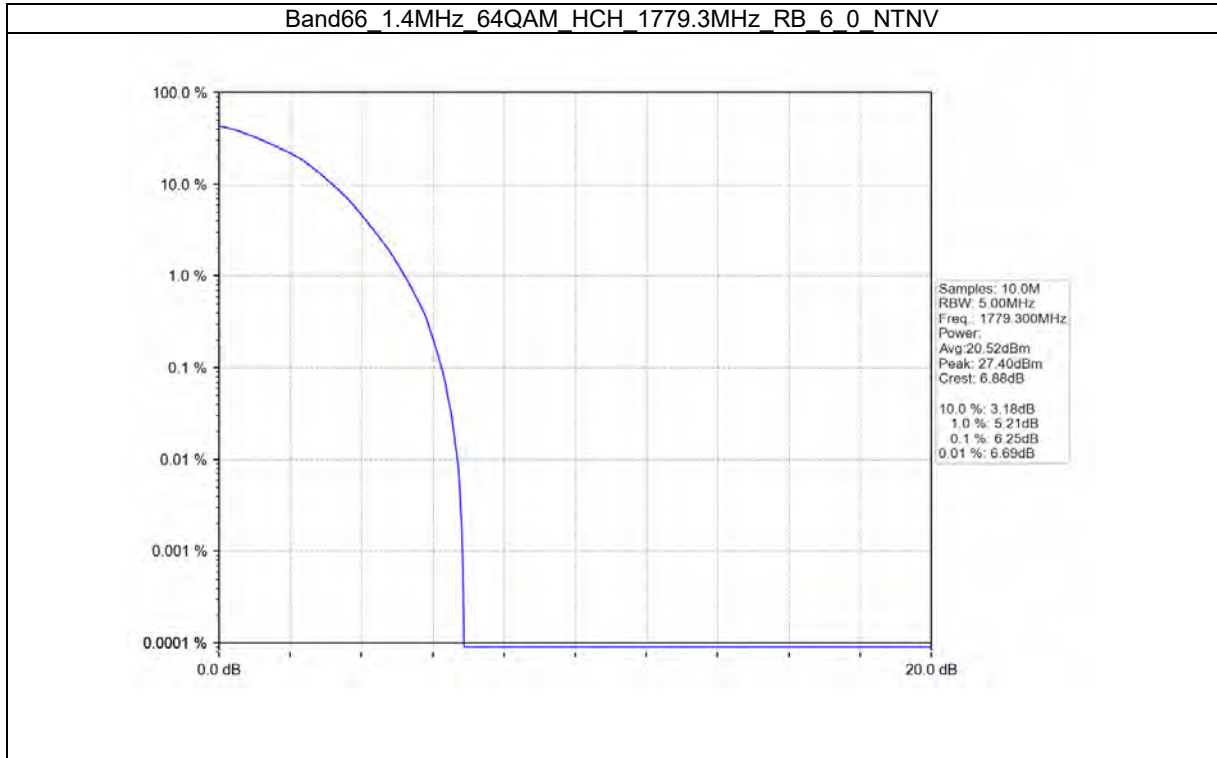








Test Report No.: W7L-P21100018-1RF06



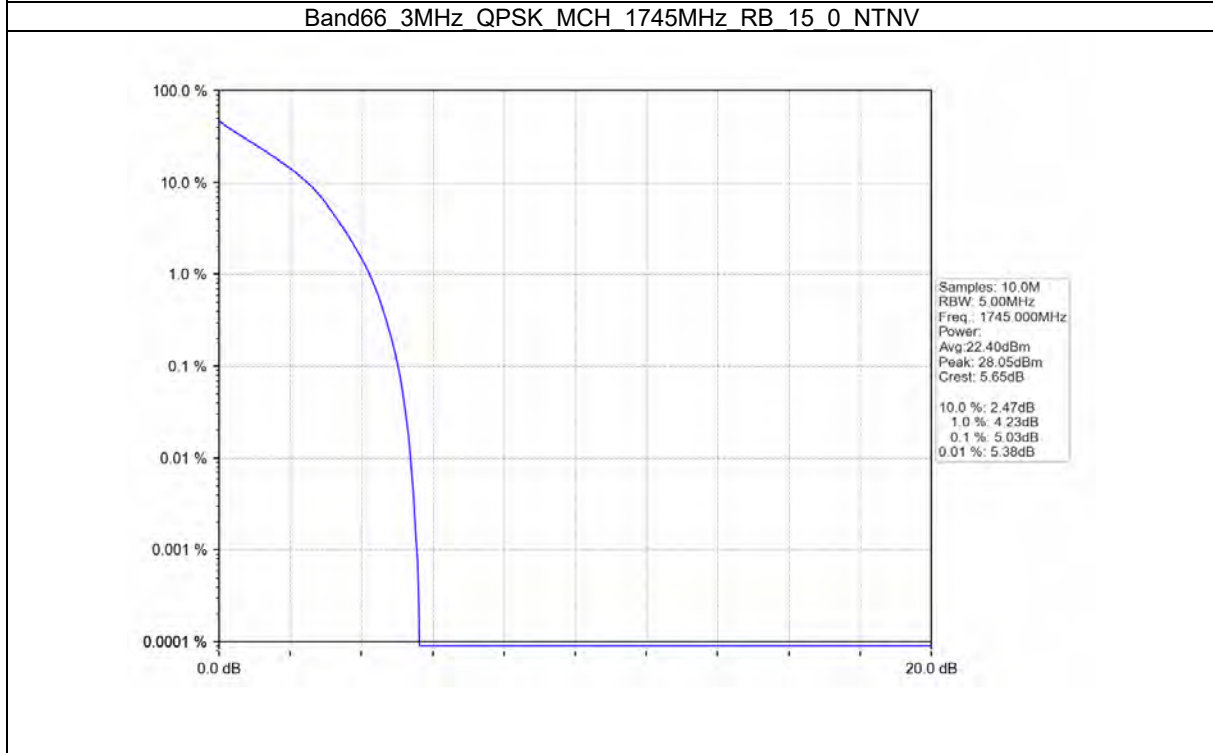
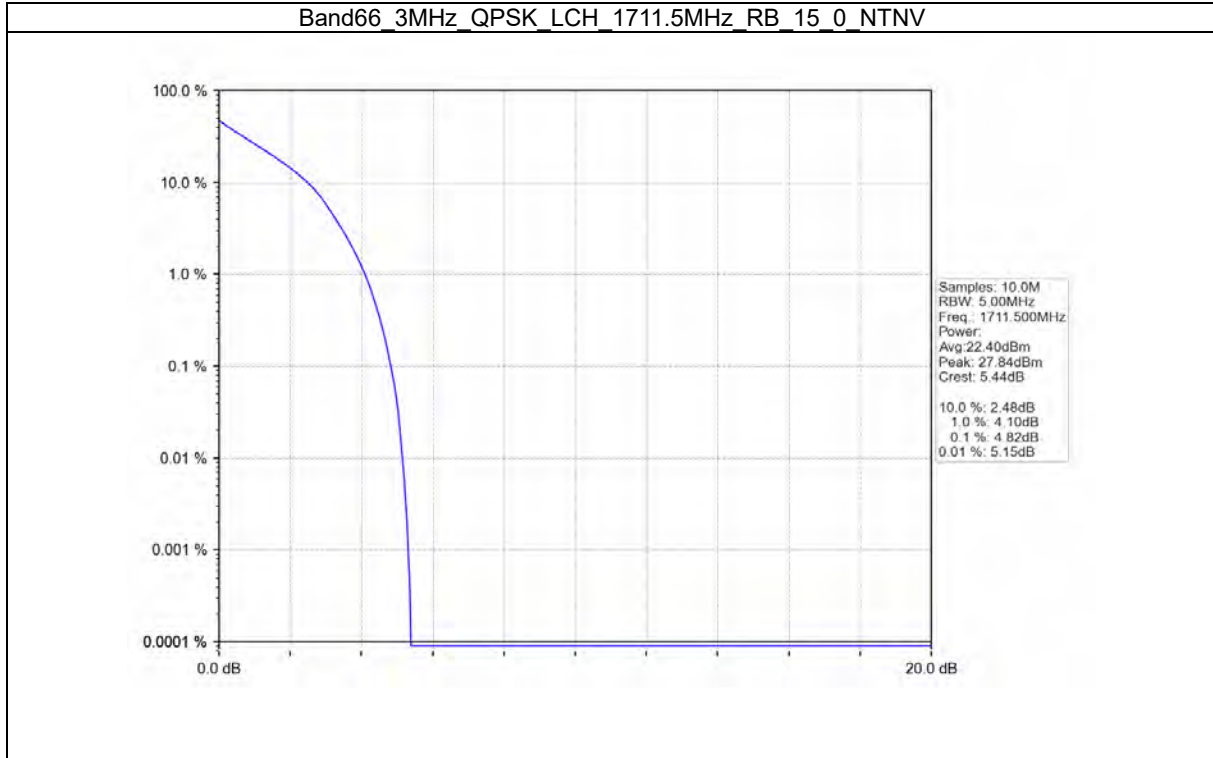


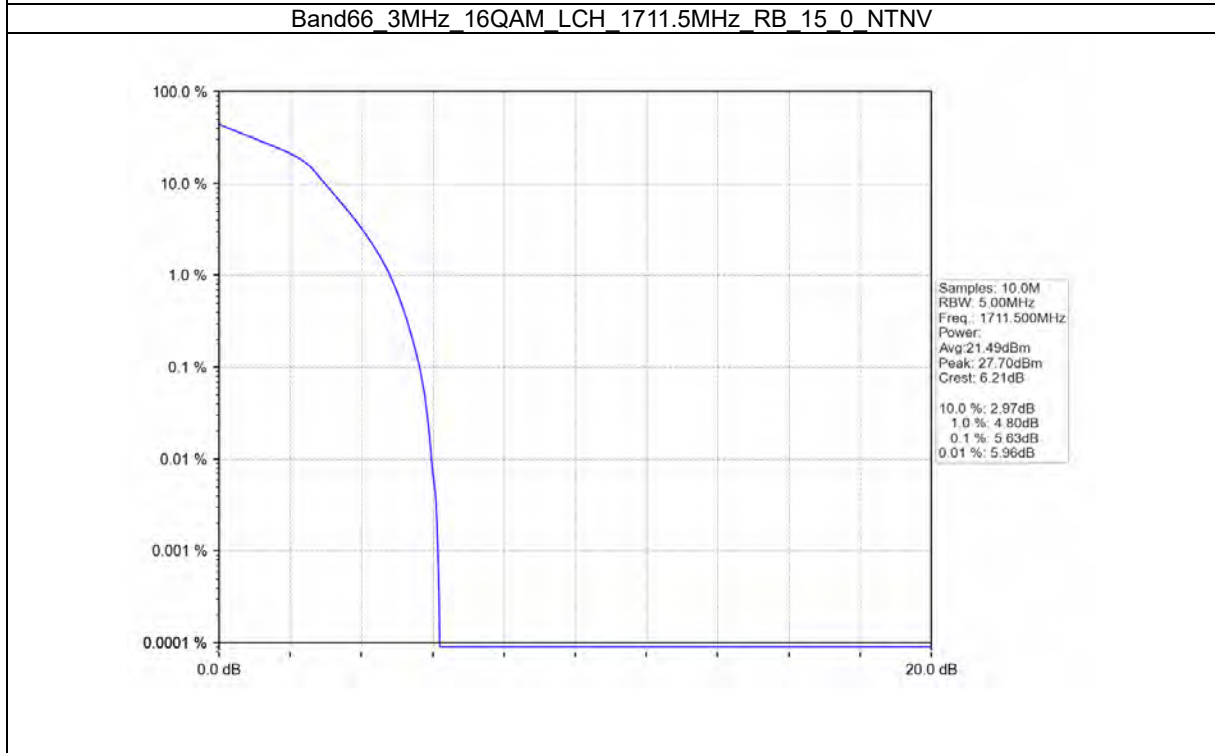
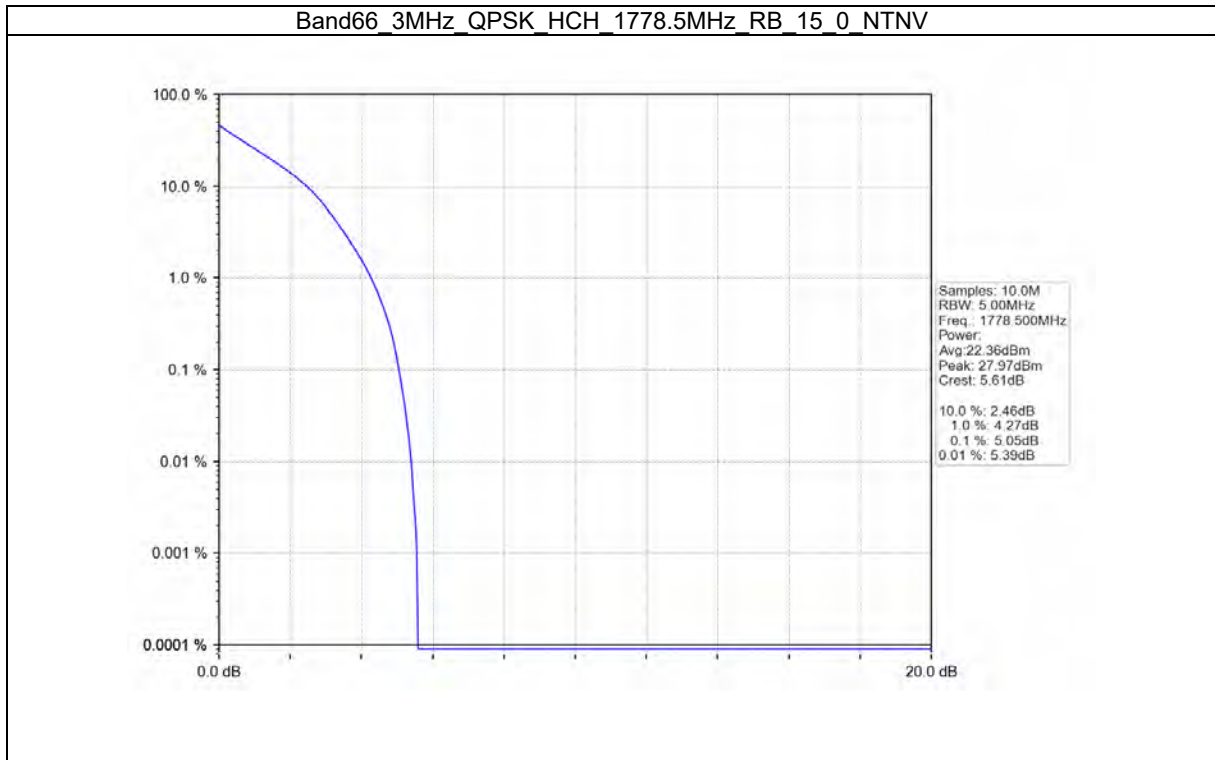
Test Report No.: W7L-P21100018-1RF06

B66_3MHZ TEST RESULT

Band: 66 / Bandwidth: 3MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.82	<=13	Pass
	1745	15	0	5.03	<=13	Pass
	1778.5	15	0	5.05	<=13	Pass
16QAM	1711.5	15	0	5.63	<=13	Pass
	1745	15	0	5.84	<=13	Pass
	1778.5	15	0	5.84	<=13	Pass
64QAM	1711.5	15	0	6.19	<=13	Pass
	1745	15	0	6.31	<=13	Pass
	1778.5	15	0	6.42	<=13	Pass

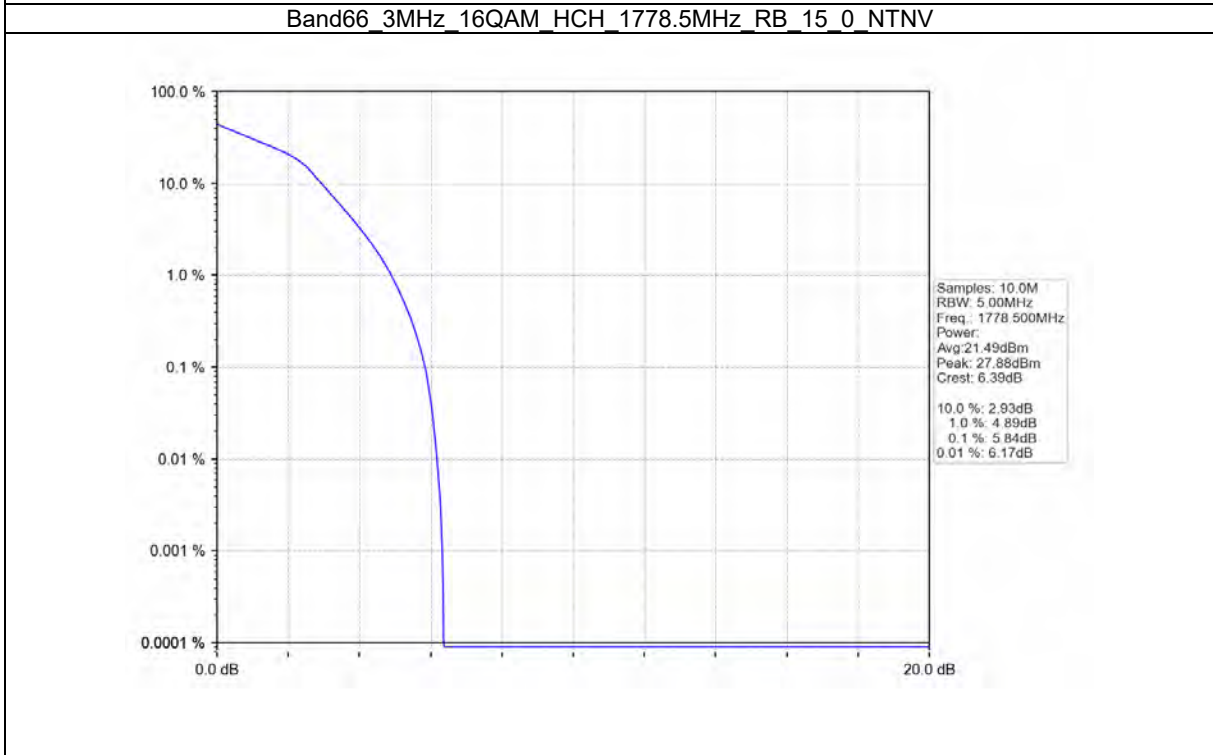
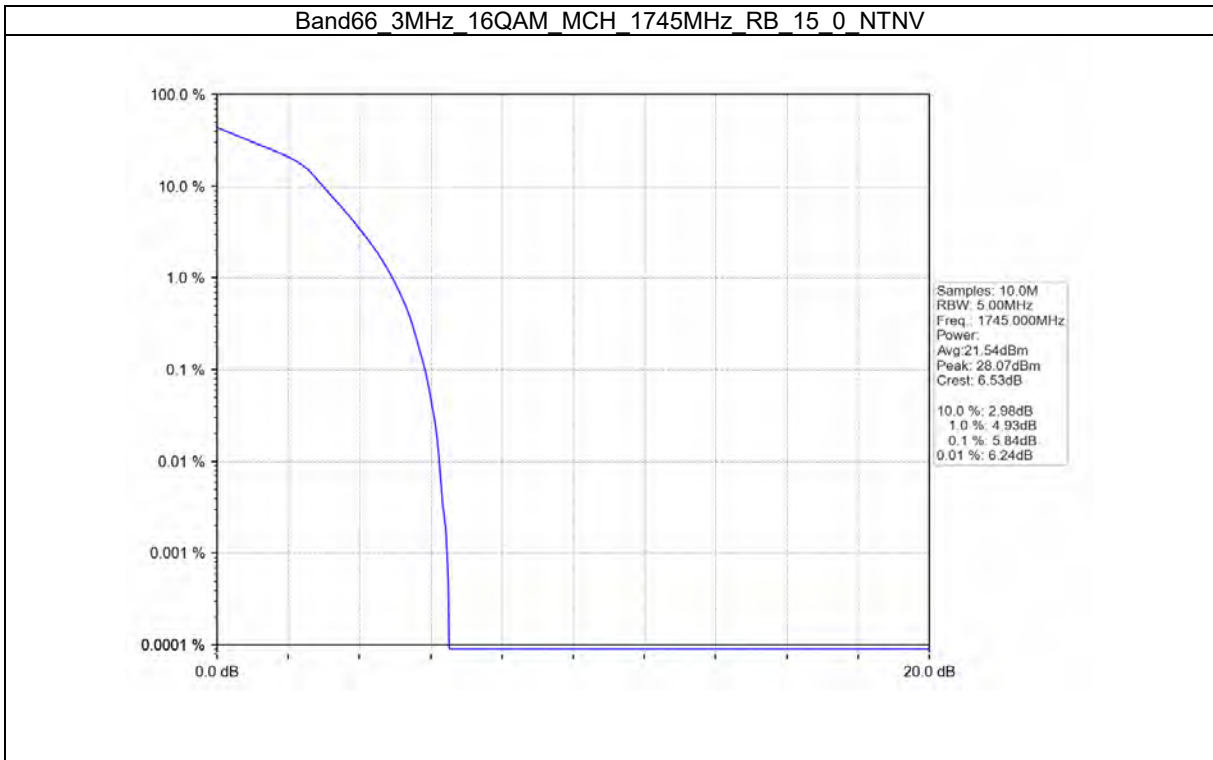
TEST GRAPH

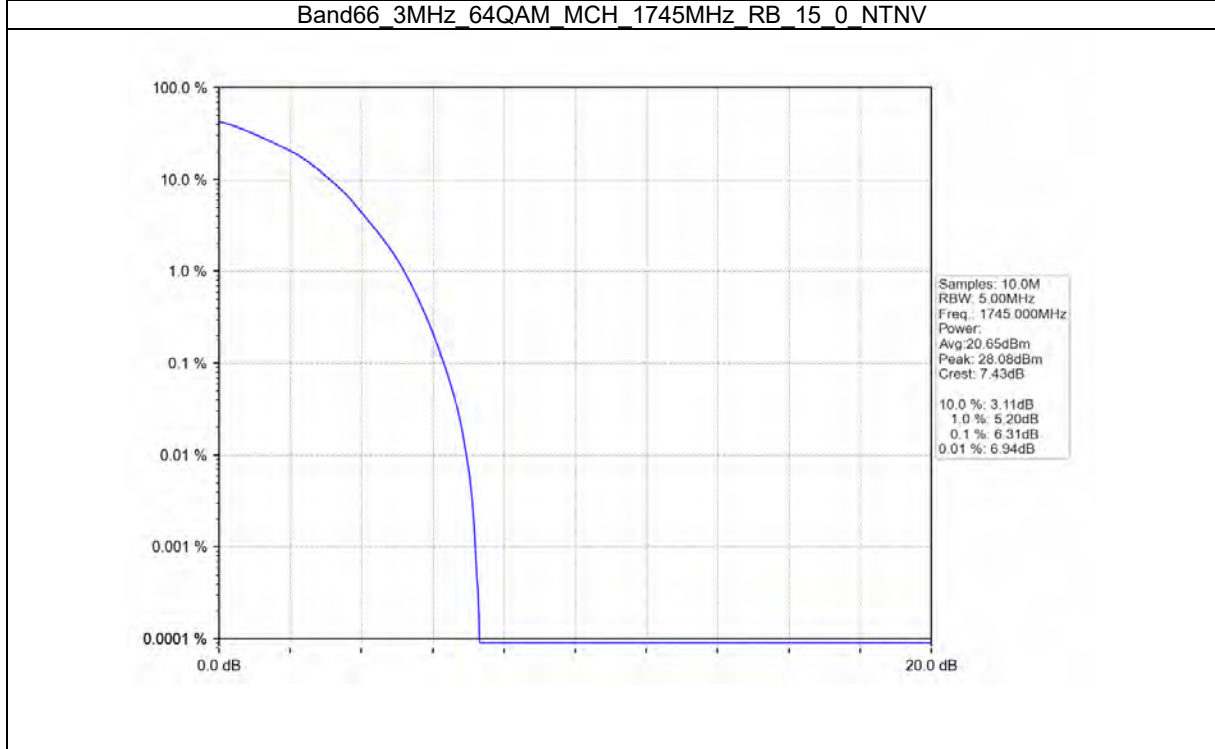
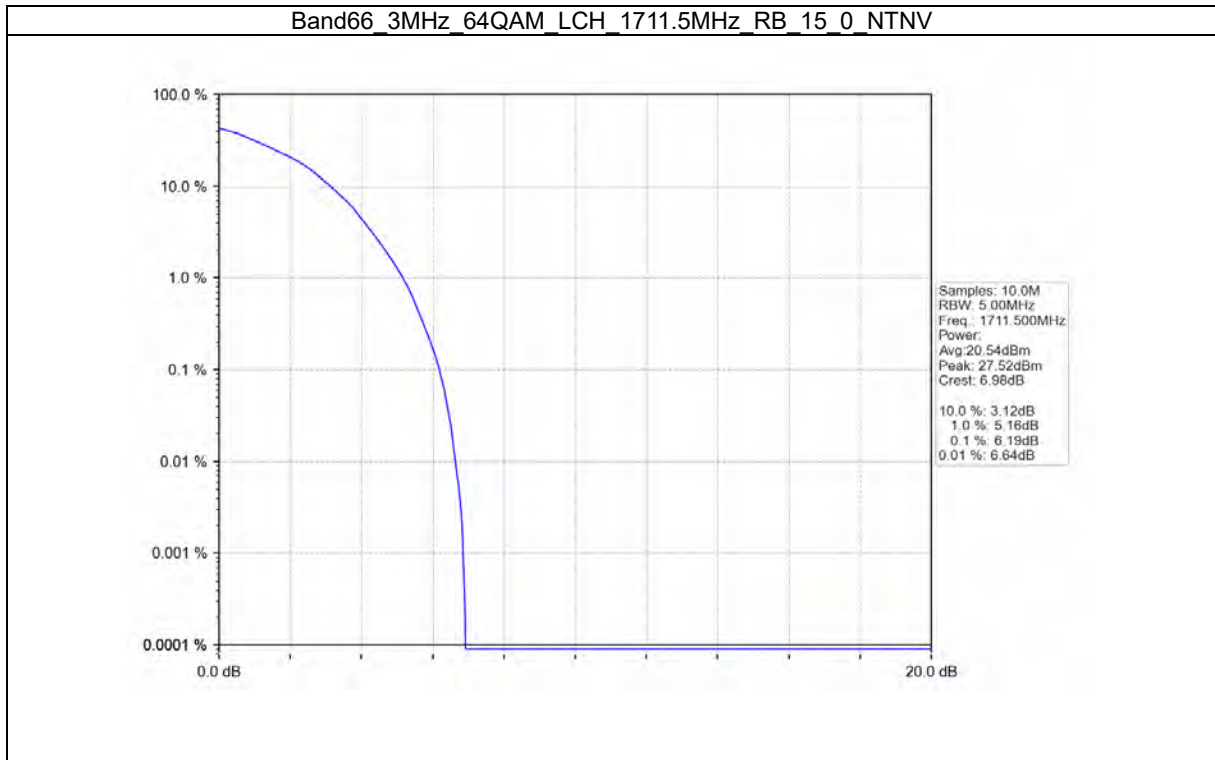






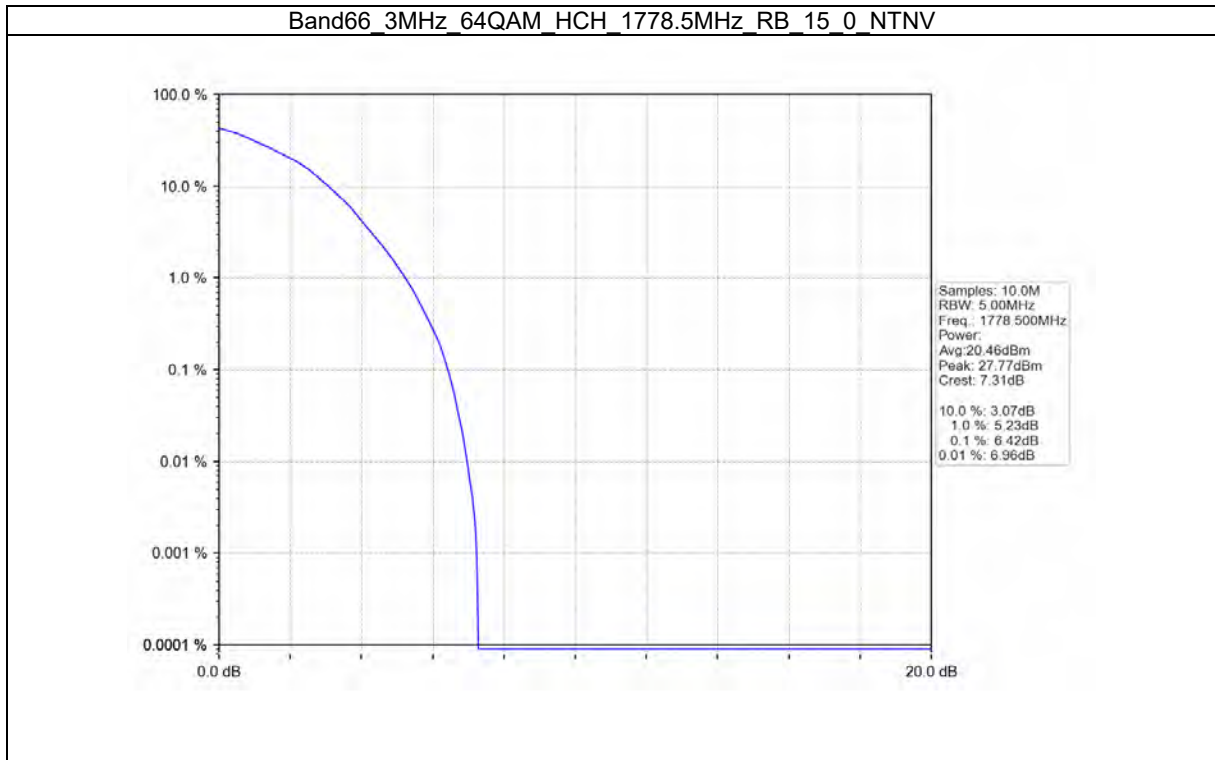
Test Report No.: W7L-P21100018-1RF06







Test Report No.: W7L-P21100018-1RF06





Test Report No.: W7L-P21100018-1RF06

B66_5MHZ TEST RESULT

Band: 66 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.14	<=13	Pass
	1745	25	0	5.21	<=13	Pass
	1777.5	25	0	5.23	<=13	Pass
16QAM	1712.5	25	0	5.81	<=13	Pass
	1745	25	0	6.00	<=13	Pass
	1777.5	25	0	5.92	<=13	Pass
64QAM	1712.5	25	0	6.26	<=13	Pass
	1745	25	0	6.37	<=13	Pass
	1777.5	25	0	6.41	<=13	Pass



Test Report No.: W7L-P21100018-1RF06

TEST GRAPH

