



Report No.: SEWM2311000466RG01

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Appendix B.15

LTE Band 66



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1. Effective (Isotropic) Radiated Power Output Data

1.1 B66_1.4MHz_EIRPAnt3

1.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1710.7	1	0	22.82	-0.43	22.39	<=30	Pass	
			2	22.80	-0.43	22.37	<=30	Pass	
			5	22.83	-0.43	22.4	<=30	Pass	
		3	0	22.84	-0.43	22.41	<=30	Pass	
			2	22.85	-0.43	22.42	<=30	Pass	
			3	22.84	-0.43	22.41	<=30	Pass	
	1745	1	0	22.84	-0.43	22.41	<=30	Pass	
			2	22.80	-0.43	22.37	<=30	Pass	
			5	22.83	-0.43	22.4	<=30	Pass	
		3	0	22.91	-0.43	22.48	<=30	Pass	
			2	22.87	-0.43	22.44	<=30	Pass	
			3	22.90	-0.43	22.47	<=30	Pass	
	1779.3	1	0	22.76	-0.43	22.33	<=30	Pass	
			2	22.76	-0.43	22.33	<=30	Pass	
			5	22.80	-0.43	22.37	<=30	Pass	
		3	0	22.79	-0.43	22.36	<=30	Pass	
			2	22.81	-0.43	22.38	<=30	Pass	
			3	22.83	-0.43	22.4	<=30	Pass	
	16QAM	1710.7	1	0	22.04	-0.43	21.61	<=30	Pass
				2	22.02	-0.43	21.59	<=30	Pass
				5	22.02	-0.43	21.59	<=30	Pass
			3	0	21.89	-0.43	21.46	<=30	Pass
				2	21.88	-0.43	21.45	<=30	Pass
				3	21.87	-0.43	21.44	<=30	Pass
1745		1	0	21.95	-0.43	21.52	<=30	Pass	
			2	21.93	-0.43	21.5	<=30	Pass	
			5	21.93	-0.43	21.5	<=30	Pass	
		3	0	22.13	-0.43	21.7	<=30	Pass	
			2	22.10	-0.43	21.67	<=30	Pass	
			3	22.13	-0.43	21.7	<=30	Pass	
1779.3		1	0	20.96	-0.43	20.53	<=30	Pass	
			2	21.96	-0.43	21.53	<=30	Pass	
			2	21.98	-0.43	21.55	<=30	Pass	



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64QAM	1710.7	3	5	21.98	-0.43	21.55	<=30	Pass		
			0	21.79	-0.43	21.36	<=30	Pass		
			2	21.80	-0.43	21.37	<=30	Pass		
		6	3	3	21.86	-0.43	21.43	<=30	Pass	
				0	20.83	-0.43	20.4	<=30	Pass	
				2	20.95	-0.43	20.52	<=30	Pass	
	1745	1	3	5	20.93	-0.43	20.5	<=30	Pass	
				0	20.97	-0.43	20.54	<=30	Pass	
				2	20.95	-0.43	20.52	<=30	Pass	
			6	3	0	21.10	-0.43	20.67	<=30	Pass
					2	21.08	-0.43	20.65	<=30	Pass
					3	21.08	-0.43	20.65	<=30	Pass
		1779.3	1	3	0	20.24	-0.43	19.81	<=30	Pass
					0	21.34	-0.43	20.91	<=30	Pass
					2	21.37	-0.43	20.94	<=30	Pass
			6	3	5	21.29	-0.43	20.86	<=30	Pass
					0	21.14	-0.43	20.71	<=30	Pass
					2	21.11	-0.43	20.68	<=30	Pass
256QAM	1710.7	1	3	21.12	-0.43	20.69	<=30	Pass		
			0	20.06	-0.43	19.63	<=30	Pass		
			0	20.88	-0.43	20.45	<=30	Pass		
		3	1	2	20.91	-0.43	20.48	<=30	Pass	
				5	20.89	-0.43	20.46	<=30	Pass	
				0	21.02	-0.43	20.59	<=30	Pass	
	1745	3	1	2	21.03	-0.43	20.6	<=30	Pass	
				3	21.05	-0.43	20.62	<=30	Pass	
				0	20.10	-0.43	19.67	<=30	Pass	
		6	1	0	17.86	-0.43	17.43	<=30	Pass	
				2	17.81	-0.43	17.38	<=30	Pass	
				5	17.85	-0.43	17.42	<=30	Pass	
1779.3	1710.7	3	0	17.86	-0.43	17.43	<=30	Pass		
			2	17.86	-0.43	17.43	<=30	Pass		
			3	17.85	-0.43	17.42	<=30	Pass		
		6	1	0	18.09	-0.43	17.66	<=30	Pass	
				0	18.25	-0.43	17.82	<=30	Pass	
				2	18.30	-0.43	17.87	<=30	Pass	
	1745	3	1	5	18.24	-0.43	17.81	<=30	Pass	
				0	17.97	-0.43	17.54	<=30	Pass	
				2	17.94	-0.43	17.51	<=30	Pass	
		6	1	3	17.95	-0.43	17.52	<=30	Pass	
				0	17.95	-0.43	17.52	<=30	Pass	
				0	17.70	-0.43	17.27	<=30	Pass	
1779.3	3	1	2	17.67	-0.43	17.24	<=30	Pass		
			5	17.73	-0.43	17.3	<=30	Pass		
			0	17.71	-0.43	17.28	<=30	Pass		
	6	1	2	17.74	-0.43	17.31	<=30	Pass		
			3	17.75	-0.43	17.32	<=30	Pass		
			0	17.94	-0.43	17.51	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain



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1.2 B66_3MHz_EIRP

1.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1711.5	1	0	22.92	-0.43	22.49	<=30	Pass		
			7	22.91	-0.43	22.48	<=30	Pass		
			14	22.88	-0.43	22.45	<=30	Pass		
		8	0	21.93	-0.43	21.5	<=30	Pass		
			4	21.90	-0.43	21.47	<=30	Pass		
			7	21.90	-0.43	21.47	<=30	Pass		
		15	0	21.91	-0.43	21.48	<=30	Pass		
		1745	1	0	22.93	-0.43	22.5	<=30	Pass	
				7	22.96	-0.43	22.53	<=30	Pass	
	14			22.93	-0.43	22.5	<=30	Pass		
	8		0	22.00	-0.43	21.57	<=30	Pass		
			4	21.98	-0.43	21.55	<=30	Pass		
			7	21.99	-0.43	21.56	<=30	Pass		
	15		0	21.98	-0.43	21.55	<=30	Pass		
	1778.5		1	0	22.79	-0.43	22.36	<=30	Pass	
				7	22.80	-0.43	22.37	<=30	Pass	
		14		22.84	-0.43	22.41	<=30	Pass		
		8	0	21.84	-0.43	21.41	<=30	Pass		
			4	21.83	-0.43	21.4	<=30	Pass		
			7	21.85	-0.43	21.42	<=30	Pass		
		15	0	21.84	-0.43	21.41	<=30	Pass		
		16QAM	1711.5	1	0	22.47	-0.43	22.04	<=30	Pass
					7	22.49	-0.43	22.06	<=30	Pass
	14				22.41	-0.43	21.98	<=30	Pass	
8	0			21.11	-0.43	20.68	<=30	Pass		
	4			21.06	-0.43	20.63	<=30	Pass		
	7			21.05	-0.43	20.62	<=30	Pass		
15	0			21.03	-0.43	20.6	<=30	Pass		
1745	1			0	22.18	-0.43	21.75	<=30	Pass	
				7	22.23	-0.43	21.8	<=30	Pass	
			14	22.15	-0.43	21.72	<=30	Pass		
	8		0	20.99	-0.43	20.56	<=30	Pass		
			4	20.98	-0.43	20.55	<=30	Pass		
			7	20.97	-0.43	20.54	<=30	Pass		
	15		0	20.96	-0.43	20.53	<=30	Pass		
	1778.5		1	0	21.85	-0.43	21.42	<=30	Pass	
				7	21.87	-0.43	21.44	<=30	Pass	
14				21.88	-0.43	21.45	<=30	Pass		
8			0	20.90	-0.43	20.47	<=30	Pass		
			4	20.90	-0.43	20.47	<=30	Pass		



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			7	20.92	-0.43	20.49	<=30	Pass
		15	0	20.86	-0.43	20.43	<=30	Pass
64QAM	1711.5	1	0	21.17	-0.43	20.74	<=30	Pass
			7	21.20	-0.43	20.77	<=30	Pass
			14	21.13	-0.43	20.7	<=30	Pass
		8	0	20.23	-0.43	19.8	<=30	Pass
			4	20.19	-0.43	19.76	<=30	Pass
			7	20.20	-0.43	19.77	<=30	Pass
	15	0	20.06	-0.43	19.63	<=30	Pass	
	1745	1	0	21.04	-0.43	20.61	<=30	Pass
			7	21.15	-0.43	20.72	<=30	Pass
			14	21.05	-0.43	20.62	<=30	Pass
		8	0	20.02	-0.43	19.59	<=30	Pass
			4	19.97	-0.43	19.54	<=30	Pass
			7	19.99	-0.43	19.56	<=30	Pass
	15	0	20.22	-0.43	19.79	<=30	Pass	
	1778.5	1	0	20.70	-0.43	20.27	<=30	Pass
			7	20.76	-0.43	20.33	<=30	Pass
			14	20.71	-0.43	20.28	<=30	Pass
		8	0	19.96	-0.43	19.53	<=30	Pass
4			19.93	-0.43	19.5	<=30	Pass	
7			19.95	-0.43	19.52	<=30	Pass	
15	0	19.97	-0.43	19.54	<=30	Pass		
256QAM	1711.5	1	0	18.43	-0.43	18	<=30	Pass
			7	18.40	-0.43	17.97	<=30	Pass
			14	18.40	-0.43	17.97	<=30	Pass
		8	0	18.13	-0.43	17.7	<=30	Pass
			4	18.09	-0.43	17.66	<=30	Pass
			7	18.09	-0.43	17.66	<=30	Pass
	15	0	18.06	-0.43	17.63	<=30	Pass	
	1745	1	0	17.90	-0.43	17.47	<=30	Pass
			7	17.94	-0.43	17.51	<=30	Pass
			14	17.89	-0.43	17.46	<=30	Pass
		8	0	18.03	-0.43	17.6	<=30	Pass
			4	18.03	-0.43	17.6	<=30	Pass
			7	18.00	-0.43	17.57	<=30	Pass
	15	0	18.18	-0.43	17.75	<=30	Pass	
	1778.5	1	0	17.95	-0.43	17.52	<=30	Pass
			7	17.95	-0.43	17.52	<=30	Pass
			14	17.96	-0.43	17.53	<=30	Pass
		8	0	18.03	-0.43	17.6	<=30	Pass
4			18.00	-0.43	17.57	<=30	Pass	
7			18.00	-0.43	17.57	<=30	Pass	
15	0	17.96	-0.43	17.53	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain



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1.3 B66_5MHz_EIRP

1.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1712.5	1	0	23.02	-0.43	22.59	<=30	Pass		
			13	23.00	-0.43	22.57	<=30	Pass		
			24	23.01	-0.43	22.58	<=30	Pass		
		12	0	21.96	-0.43	21.53	<=30	Pass		
			6	21.93	-0.43	21.5	<=30	Pass		
			13	21.95	-0.43	21.52	<=30	Pass		
		25	0	21.97	-0.43	21.54	<=30	Pass		
		1745	1	0	23.01	-0.43	22.58	<=30	Pass	
				13	23.01	-0.43	22.58	<=30	Pass	
	24			23.04	-0.43	22.61	<=30	Pass		
	12		0	22.05	-0.43	21.62	<=30	Pass		
			6	22.05	-0.43	21.62	<=30	Pass		
			13	22.03	-0.43	21.6	<=30	Pass		
	25		0	22.08	-0.43	21.65	<=30	Pass		
	1777.5		1	0	22.87	-0.43	22.44	<=30	Pass	
				13	22.86	-0.43	22.43	<=30	Pass	
		24		22.95	-0.43	22.52	<=30	Pass		
		12	0	21.84	-0.43	21.41	<=30	Pass		
			6	21.84	-0.43	21.41	<=30	Pass		
			13	21.90	-0.43	21.47	<=30	Pass		
		25	0	21.90	-0.43	21.47	<=30	Pass		
		16QAM	1712.5	1	0	21.85	-0.43	21.42	<=30	Pass
					13	21.82	-0.43	21.39	<=30	Pass
	24				21.84	-0.43	21.41	<=30	Pass	
12	0			21.00	-0.43	20.57	<=30	Pass		
	6			20.95	-0.43	20.52	<=30	Pass		
	13			20.98	-0.43	20.55	<=30	Pass		
25	0			21.00	-0.43	20.57	<=30	Pass		
1745	1			0	22.28	-0.43	21.85	<=30	Pass	
				13	22.27	-0.43	21.84	<=30	Pass	
			24	22.28	-0.43	21.85	<=30	Pass		
	12		0	21.12	-0.43	20.69	<=30	Pass		
			6	21.08	-0.43	20.65	<=30	Pass		
			13	21.07	-0.43	20.64	<=30	Pass		
	25		0	21.07	-0.43	20.64	<=30	Pass		
	1777.5		1	0	21.94	-0.43	21.51	<=30	Pass	
				13	21.94	-0.43	21.51	<=30	Pass	
24				22.04	-0.43	21.61	<=30	Pass		
12			0	20.86	-0.43	20.43	<=30	Pass		
			6	20.86	-0.43	20.43	<=30	Pass		



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			13	20.90	-0.43	20.47	<=30	Pass		
		25	0	20.91	-0.43	20.48	<=30	Pass		
64QAM	1712.5	1	0	20.96	-0.43	20.53	<=30	Pass		
			13	20.92	-0.43	20.49	<=30	Pass		
			24	20.94	-0.43	20.51	<=30	Pass		
		12	0	20.05	-0.43	19.62	<=30	Pass		
			6	20.00	-0.43	19.57	<=30	Pass		
			13	19.98	-0.43	19.55	<=30	Pass		
		25	0	20.08	-0.43	19.65	<=30	Pass		
		1745	1	0	21.18	-0.43	20.75	<=30	Pass	
				13	21.15	-0.43	20.72	<=30	Pass	
	24			21.18	-0.43	20.75	<=30	Pass		
	12		0	20.16	-0.43	19.73	<=30	Pass		
			6	20.14	-0.43	19.71	<=30	Pass		
			13	20.12	-0.43	19.69	<=30	Pass		
	25		0	20.17	-0.43	19.74	<=30	Pass		
	1777.5		1	0	21.05	-0.43	20.62	<=30	Pass	
				13	21.06	-0.43	20.63	<=30	Pass	
		24		21.12	-0.43	20.69	<=30	Pass		
		12	0	20.09	-0.43	19.66	<=30	Pass		
			6	20.04	-0.43	19.61	<=30	Pass		
			13	20.07	-0.43	19.64	<=30	Pass		
		25	0	19.97	-0.43	19.54	<=30	Pass		
		256QAM	1712.5	1	0	17.84	-0.43	17.41	<=30	Pass
					13	17.80	-0.43	17.37	<=30	Pass
	24				17.76	-0.43	17.33	<=30	Pass	
12	0			18.10	-0.43	17.67	<=30	Pass		
	6			18.06	-0.43	17.63	<=30	Pass		
	13			18.03	-0.43	17.6	<=30	Pass		
25	0			18.10	-0.43	17.67	<=30	Pass		
1745	1			0	18.27	-0.43	17.84	<=30	Pass	
				13	18.27	-0.43	17.84	<=30	Pass	
			24	18.29	-0.43	17.86	<=30	Pass		
	12		0	18.15	-0.43	17.72	<=30	Pass		
			6	18.15	-0.43	17.72	<=30	Pass		
			13	18.14	-0.43	17.71	<=30	Pass		
	25		0	18.12	-0.43	17.69	<=30	Pass		
	1777.5		1	0	18.03	-0.43	17.6	<=30	Pass	
				13	18.00	-0.43	17.57	<=30	Pass	
24				18.01	-0.43	17.58	<=30	Pass		
12			0	17.97	-0.43	17.54	<=30	Pass		
			6	17.94	-0.43	17.51	<=30	Pass		
			13	17.95	-0.43	17.52	<=30	Pass		
25			0	18.01	-0.43	17.58	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain



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1.4 B66_10MHz_EIRP

1.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1715	1	0	22.96	-0.43	22.53	<=30	Pass		
			25	22.93	-0.43	22.5	<=30	Pass		
			49	22.94	-0.43	22.51	<=30	Pass		
		25	0	21.95	-0.43	21.52	<=30	Pass		
			13	21.96	-0.43	21.53	<=30	Pass		
			25	21.95	-0.43	21.52	<=30	Pass		
		50	0	21.93	-0.43	21.5	<=30	Pass		
		1745	1	0	22.97	-0.43	22.54	<=30	Pass	
				25	23.01	-0.43	22.58	<=30	Pass	
	49			22.97	-0.43	22.54	<=30	Pass		
	25		0	22.08	-0.43	21.65	<=30	Pass		
			13	22.05	-0.43	21.62	<=30	Pass		
			25	22.02	-0.43	21.59	<=30	Pass		
	50		0	22.05	-0.43	21.62	<=30	Pass		
	1775		1	0	22.79	-0.43	22.36	<=30	Pass	
				25	22.76	-0.43	22.33	<=30	Pass	
		49		22.86	-0.43	22.43	<=30	Pass		
		25	0	21.83	-0.43	21.4	<=30	Pass		
			13	21.82	-0.43	21.39	<=30	Pass		
			25	21.84	-0.43	21.41	<=30	Pass		
		50	0	21.84	-0.43	21.41	<=30	Pass		
		16QAM	1715	1	0	22.52	-0.43	22.09	<=30	Pass
					25	22.48	-0.43	22.05	<=30	Pass
	49				22.47	-0.43	22.04	<=30	Pass	
25	0			21.01	-0.43	20.58	<=30	Pass		
	13			21.00	-0.43	20.57	<=30	Pass		
	25			20.98	-0.43	20.55	<=30	Pass		
50	0			20.96	-0.43	20.53	<=30	Pass		
1745	1			0	22.24	-0.43	21.81	<=30	Pass	
				25	22.25	-0.43	21.82	<=30	Pass	
			49	22.21	-0.43	21.78	<=30	Pass		
	25		0	21.10	-0.43	20.67	<=30	Pass		
			13	21.06	-0.43	20.63	<=30	Pass		
			25	21.03	-0.43	20.6	<=30	Pass		
	50		0	21.04	-0.43	20.61	<=30	Pass		
	1775		1	0	21.87	-0.43	21.44	<=30	Pass	
				25	21.81	-0.43	21.38	<=30	Pass	
49				21.91	-0.43	21.48	<=30	Pass		
25			0	20.93	-0.43	20.5	<=30	Pass		
			13	20.90	-0.43	20.47	<=30	Pass		



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			25	20.92	-0.43	20.49	<=30	Pass
		50	0	20.84	-0.43	20.41	<=30	Pass
64QAM	1715	1	0	21.21	-0.43	20.78	<=30	Pass
			25	21.19	-0.43	20.76	<=30	Pass
			49	21.18	-0.43	20.75	<=30	Pass
		25	0	20.07	-0.43	19.64	<=30	Pass
			13	20.03	-0.43	19.6	<=30	Pass
			25	20.00	-0.43	19.57	<=30	Pass
	50	0	20.04	-0.43	19.61	<=30	Pass	
	1745	1	0	21.11	-0.43	20.68	<=30	Pass
			25	21.16	-0.43	20.73	<=30	Pass
			49	21.12	-0.43	20.69	<=30	Pass
		25	0	20.22	-0.43	19.79	<=30	Pass
			13	20.19	-0.43	19.76	<=30	Pass
			25	20.17	-0.43	19.74	<=30	Pass
	50	0	20.12	-0.43	19.69	<=30	Pass	
	1775	1	0	20.68	-0.43	20.25	<=30	Pass
			25	20.68	-0.43	20.25	<=30	Pass
			49	20.74	-0.43	20.31	<=30	Pass
		25	0	19.97	-0.43	19.54	<=30	Pass
13			19.97	-0.43	19.54	<=30	Pass	
25			19.96	-0.43	19.53	<=30	Pass	
50	0	19.93	-0.43	19.5	<=30	Pass		
256QAM	1715	1	0	18.51	-0.43	18.08	<=30	Pass
			25	18.40	-0.43	17.97	<=30	Pass
			49	18.41	-0.43	17.98	<=30	Pass
		25	0	18.07	-0.43	17.64	<=30	Pass
			13	18.03	-0.43	17.6	<=30	Pass
			25	18.02	-0.43	17.59	<=30	Pass
	50	0	18.02	-0.43	17.59	<=30	Pass	
	1745	1	0	17.90	-0.43	17.47	<=30	Pass
			25	17.94	-0.43	17.51	<=30	Pass
			49	17.93	-0.43	17.5	<=30	Pass
		25	0	18.16	-0.43	17.73	<=30	Pass
			13	18.12	-0.43	17.69	<=30	Pass
			25	18.10	-0.43	17.67	<=30	Pass
	50	0	18.06	-0.43	17.63	<=30	Pass	
	1775	1	0	17.99	-0.43	17.56	<=30	Pass
			25	17.97	-0.43	17.54	<=30	Pass
			49	18.00	-0.43	17.57	<=30	Pass
		25	0	17.99	-0.43	17.56	<=30	Pass
13			17.97	-0.43	17.54	<=30	Pass	
25			17.97	-0.43	17.54	<=30	Pass	
50	0	17.93	-0.43	17.5	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain



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1.5 B66_15MHz_EIRP

1.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1717.5	1	0	22.99	-0.43	22.56	<=30	Pass		
			38	22.95	-0.43	22.52	<=30	Pass		
			74	22.97	-0.43	22.54	<=30	Pass		
		36	0	21.95	-0.43	21.52	<=30	Pass		
			18	21.95	-0.43	21.52	<=30	Pass		
			39	21.95	-0.43	21.52	<=30	Pass		
		75	0	21.94	-0.43	21.51	<=30	Pass		
		1745	1	0	23.02	-0.43	22.59	<=30	Pass	
				38	22.99	-0.43	22.56	<=30	Pass	
	74			22.99	-0.43	22.56	<=30	Pass		
	36		0	22.06	-0.43	21.63	<=30	Pass		
			18	22.02	-0.43	21.59	<=30	Pass		
			39	22.00	-0.43	21.57	<=30	Pass		
	75		0	22.04	-0.43	21.61	<=30	Pass		
	1772.5		1	0	22.89	-0.43	22.46	<=30	Pass	
				38	22.79	-0.43	22.36	<=30	Pass	
		74		22.87	-0.43	22.44	<=30	Pass		
		36	0	21.89	-0.43	21.46	<=30	Pass		
			18	21.82	-0.43	21.39	<=30	Pass		
			39	21.84	-0.43	21.41	<=30	Pass		
		75	0	21.86	-0.43	21.43	<=30	Pass		
		16QAM	1717.5	1	0	22.55	-0.43	22.12	<=30	Pass
					38	22.51	-0.43	22.08	<=30	Pass
	74				22.48	-0.43	22.05	<=30	Pass	
36	0			21.00	-0.43	20.57	<=30	Pass		
	18			20.98	-0.43	20.55	<=30	Pass		
	39			20.97	-0.43	20.54	<=30	Pass		
75	0			20.97	-0.43	20.54	<=30	Pass		
1745	1			0	22.27	-0.43	21.84	<=30	Pass	
				38	22.22	-0.43	21.79	<=30	Pass	
			74	22.20	-0.43	21.77	<=30	Pass		
	36		0	21.06	-0.43	20.63	<=30	Pass		
			18	21.02	-0.43	20.59	<=30	Pass		
			39	21.01	-0.43	20.58	<=30	Pass		
	75		0	21.07	-0.43	20.64	<=30	Pass		
	1772.5		1	0	22.24	-0.43	21.81	<=30	Pass	
				38	22.17	-0.43	21.74	<=30	Pass	
74				22.29	-0.43	21.86	<=30	Pass		
36			0	20.88	-0.43	20.45	<=30	Pass		
			18	20.81	-0.43	20.38	<=30	Pass		



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			39	20.82	-0.43	20.39	<=30	Pass
		75	0	20.87	-0.43	20.44	<=30	Pass
64QAM	1717.5	1	0	21.25	-0.43	20.82	<=30	Pass
			38	21.22	-0.43	20.79	<=30	Pass
			74	21.20	-0.43	20.77	<=30	Pass
		36	0	20.05	-0.43	19.62	<=30	Pass
			18	20.02	-0.43	19.59	<=30	Pass
			39	19.99	-0.43	19.56	<=30	Pass
	75	0	20.05	-0.43	19.62	<=30	Pass	
	1745	1	0	21.13	-0.43	20.7	<=30	Pass
			38	21.13	-0.43	20.7	<=30	Pass
			74	21.11	-0.43	20.68	<=30	Pass
		36	0	20.10	-0.43	19.67	<=30	Pass
			18	20.10	-0.43	19.67	<=30	Pass
			39	20.09	-0.43	19.66	<=30	Pass
	75	0	20.08	-0.43	19.65	<=30	Pass	
	1772.5	1	0	21.28	-0.43	20.85	<=30	Pass
			38	21.17	-0.43	20.74	<=30	Pass
			74	21.26	-0.43	20.83	<=30	Pass
		36	0	19.91	-0.43	19.48	<=30	Pass
18			19.89	-0.43	19.46	<=30	Pass	
39			19.88	-0.43	19.45	<=30	Pass	
75	0	19.95	-0.43	19.52	<=30	Pass		
256QAM	1717.5	1	0	18.53	-0.43	18.1	<=30	Pass
			38	18.41	-0.43	17.98	<=30	Pass
			74	18.41	-0.43	17.98	<=30	Pass
		36	0	18.03	-0.43	17.6	<=30	Pass
			18	18.01	-0.43	17.58	<=30	Pass
			39	17.98	-0.43	17.55	<=30	Pass
	75	0	18.03	-0.43	17.6	<=30	Pass	
	1745	1	0	17.92	-0.43	17.49	<=30	Pass
			38	17.91	-0.43	17.48	<=30	Pass
			74	17.93	-0.43	17.5	<=30	Pass
		36	0	18.05	-0.43	17.62	<=30	Pass
			18	18.07	-0.43	17.64	<=30	Pass
			39	18.06	-0.43	17.63	<=30	Pass
	75	0	18.07	-0.43	17.64	<=30	Pass	
	1772.5	1	0	18.30	-0.43	17.87	<=30	Pass
			38	18.22	-0.43	17.79	<=30	Pass
			74	18.23	-0.43	17.8	<=30	Pass
		36	0	17.91	-0.43	17.48	<=30	Pass
18			17.90	-0.43	17.47	<=30	Pass	
39			17.87	-0.43	17.44	<=30	Pass	
75	0	17.93	-0.43	17.5	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain



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1.6 B66_20MHz_EIRP

1.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1720	1	0	23.00	-0.43	22.57	<=30	Pass		
			50	23.00	-0.43	22.57	<=30	Pass		
			99	22.97	-0.43	22.54	<=30	Pass		
		50	0	21.98	-0.43	21.55	<=30	Pass		
			25	21.97	-0.43	21.54	<=30	Pass		
			50	21.99	-0.43	21.56	<=30	Pass		
		100	0	21.98	-0.43	21.55	<=30	Pass		
		1745	1	0	22.98	-0.43	22.55	<=30	Pass	
				50	23.08	-0.43	22.65	<=30	Pass	
	99			23.03	-0.43	22.6	<=30	Pass		
	50		0	22.13	-0.43	21.7	<=30	Pass		
			25	22.10	-0.43	21.67	<=30	Pass		
			50	22.06	-0.43	21.63	<=30	Pass		
	100		0	22.06	-0.43	21.63	<=30	Pass		
	1770		1	0	22.92	-0.43	22.49	<=30	Pass	
				50	22.76	-0.43	22.33	<=30	Pass	
		99		22.85	-0.43	22.42	<=30	Pass		
		50	0	21.87	-0.43	21.44	<=30	Pass		
			25	21.82	-0.43	21.39	<=30	Pass		
			50	21.84	-0.43	21.41	<=30	Pass		
		100	0	21.85	-0.43	21.42	<=30	Pass		
		16QAM	1720	1	0	22.30	-0.43	21.87	<=30	Pass
					50	22.28	-0.43	21.85	<=30	Pass
	99				22.23	-0.43	21.8	<=30	Pass	
50	0			20.99	-0.43	20.56	<=30	Pass		
	25			20.98	-0.43	20.55	<=30	Pass		
	50			20.98	-0.43	20.55	<=30	Pass		
100	0			21.01	-0.43	20.58	<=30	Pass		
1745	1			0	22.28	-0.43	21.85	<=30	Pass	
				50	22.37	-0.43	21.94	<=30	Pass	
			99	22.29	-0.43	21.86	<=30	Pass		
	50		0	21.13	-0.43	20.7	<=30	Pass		
			25	21.07	-0.43	20.64	<=30	Pass		
			50	21.02	-0.43	20.59	<=30	Pass		
	100		0	21.09	-0.43	20.66	<=30	Pass		
	1770		1	0	22.53	-0.43	22.1	<=30	Pass	
				50	22.38	-0.43	21.95	<=30	Pass	
99				22.49	-0.43	22.06	<=30	Pass		
50			0	20.86	-0.43	20.43	<=30	Pass		
			25	20.82	-0.43	20.39	<=30	Pass		



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			50	20.82	-0.43	20.39	<=30	Pass
		100	0	20.88	-0.43	20.45	<=30	Pass
64QAM	1720	1	0	21.20	-0.43	20.77	<=30	Pass
			50	21.18	-0.43	20.75	<=30	Pass
			99	21.14	-0.43	20.71	<=30	Pass
		50	0	20.09	-0.43	19.66	<=30	Pass
			25	20.05	-0.43	19.62	<=30	Pass
			50	20.07	-0.43	19.64	<=30	Pass
	100	0	20.05	-0.43	19.62	<=30	Pass	
	1745	1	0	21.31	-0.43	20.88	<=30	Pass
			50	21.40	-0.43	20.97	<=30	Pass
			99	21.34	-0.43	20.91	<=30	Pass
		50	0	20.16	-0.43	19.73	<=30	Pass
			25	20.12	-0.43	19.69	<=30	Pass
			50	20.12	-0.43	19.69	<=30	Pass
	100	0	20.10	-0.43	19.67	<=30	Pass	
	1770	1	0	20.84	-0.43	20.41	<=30	Pass
			50	20.68	-0.43	20.25	<=30	Pass
			99	20.76	-0.43	20.33	<=30	Pass
		50	0	19.99	-0.43	19.56	<=30	Pass
25			19.97	-0.43	19.54	<=30	Pass	
50			19.92	-0.43	19.49	<=30	Pass	
100	0	19.96	-0.43	19.53	<=30	Pass		
256QAM	1720	1	0	18.34	-0.43	17.91	<=30	Pass
			50	18.23	-0.43	17.8	<=30	Pass
			99	18.23	-0.43	17.8	<=30	Pass
		50	0	18.02	-0.43	17.59	<=30	Pass
			25	17.98	-0.43	17.55	<=30	Pass
			50	18.00	-0.43	17.57	<=30	Pass
	100	0	18.00	-0.43	17.57	<=30	Pass	
	1745	1	0	18.27	-0.43	17.84	<=30	Pass
			50	18.36	-0.43	17.93	<=30	Pass
			99	18.27	-0.43	17.84	<=30	Pass
		50	0	18.12	-0.43	17.69	<=30	Pass
			25	18.10	-0.43	17.67	<=30	Pass
			50	18.08	-0.43	17.65	<=30	Pass
	100	0	18.11	-0.43	17.68	<=30	Pass	
	1770	1	0	17.96	-0.43	17.53	<=30	Pass
			50	17.82	-0.43	17.39	<=30	Pass
			99	17.82	-0.43	17.39	<=30	Pass
		50	0	17.99	-0.43	17.56	<=30	Pass
25			17.96	-0.43	17.53	<=30	Pass	
50			17.90	-0.43	17.47	<=30	Pass	
100	0	17.97	-0.43	17.54	<=30	Pass		

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2. Frequency Stability

2.1 B66_1.4MHz

2.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz								
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)	Verdict
		Size	Offset				Result	
QPSK	1710.7	6	0	20	3.4	-12.932	-0.0076	Pass
					3.8	-2.751	-0.0016	Pass
					4.4	-0.811	-0.0005	Pass
				-30	3.8	-9.577	-0.0056	Pass
				-20	3.8	-10.382	-0.0061	Pass
				-10	3.8	2.776	0.0016	Pass
				0	3.8	-1.986	-0.0012	Pass
				10	3.8	2.363	0.0014	Pass
				30	3.8	5.269	0.0031	Pass
				40	3.8	7.403	0.0043	Pass
	50	3.8	3.309	0.0019	Pass			
	1745	6	0	20	3.4	-8.994	-0.0052	Pass
					3.8	-8.539	-0.0049	Pass
					4.4	-5.810	-0.0033	Pass
				-30	3.8	3.379	0.0019	Pass
				-20	3.8	-3.951	-0.0023	Pass
				-10	3.8	-8.691	-0.0050	Pass
				0	3.8	-1.205	-0.0007	Pass
				10	3.8	3.996	0.0023	Pass
				30	3.8	-4.969	-0.0028	Pass
				40	3.8	-4.578	-0.0026	Pass
	50	3.8	1.221	0.0007	Pass			
	1779.3	6	0	20	3.4	-2.884	-0.0016	Pass
					3.8	5.636	0.0032	Pass
					4.4	-1.355	-0.0008	Pass
				-30	3.8	3.487	0.0020	Pass
				-20	3.8	7.172	0.0040	Pass
				-10	3.8	0.916	0.0005	Pass
				0	3.8	-5.567	-0.0031	Pass
				10	3.8	-2.013	-0.0011	Pass
30				3.8	7.057	0.0040	Pass	
40				3.8	-7.834	-0.0044	Pass	
50	3.8	-2.437	-0.0014	Pass				
16QAM	1710.7	6	0	20	3.4	4.246	0.0025	Pass
					3.8	-2.604	-0.0015	Pass
					4.4	-7.588	-0.0044	Pass



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				-30	3.8	-9.103	-0.0053	Pass	
				-20	3.8	0.555	0.0003	Pass	
				-10	3.8	-3.611	-0.0021	Pass	
				0	3.8	-10.233	-0.0060	Pass	
				10	3.8	-10.289	-0.0060	Pass	
				30	3.8	-9.713	-0.0057	Pass	
				40	3.8	-2.246	-0.0013	Pass	
	1745	6	0	50	3.8	-7.322	-0.0043	Pass	
				20	3.4	6.237	0.0036	Pass	
					3.8	2.157	0.0012	Pass	
					4.4	0.018	0.0000	Pass	
				-30	3.8	-10.719	-0.0061	Pass	
				-20	3.8	-9.933	-0.0057	Pass	
				-10	3.8	-3.476	-0.0020	Pass	
				0	3.8	3.117	0.0018	Pass	
				10	3.8	3.343	0.0019	Pass	
				30	3.8	-4.050	-0.0023	Pass	
				40	3.8	-4.911	-0.0028	Pass	
	50	3.8	-0.144	-0.0001	Pass				
	1779.3	6	0	20	3.4	-1.097	-0.0006	Pass	
					3.8	-6.502	-0.0037	Pass	
					4.4	0.789	0.0004	Pass	
				-30	3.8	-1.931	-0.0011	Pass	
				-20	3.8	2.824	0.0016	Pass	
				-10	3.8	-2.994	-0.0017	Pass	
				0	3.8	-1.322	-0.0007	Pass	
				10	3.8	1.941	0.0011	Pass	
				30	3.8	-4.979	-0.0028	Pass	
40				3.8	1.824	0.0010	Pass		
64QAM	1710.7	6	0	50	3.8	-5.717	-0.0032	Pass	
					3.4	-6.798	-0.0040	Pass	
					3.8	-2.377	-0.0014	Pass	
				20	4.4	-12.433	-0.0073	Pass	
					-30	3.8	0.293	0.0002	Pass
					-20	3.8	-3.834	-0.0022	Pass
					-10	3.8	-6.583	-0.0038	Pass
					0	3.8	0.728	0.0004	Pass
					10	3.8	-10.687	-0.0062	Pass
					30	3.8	-1.503	-0.0009	Pass
	40	3.8	-10.534	-0.0062	Pass				
	50	3.8	-11.923	-0.0070	Pass				
	1745	6	0	20	3.4	-10.091	-0.0058	Pass	
					3.8	0.169	0.0001	Pass	
					4.4	-3.156	-0.0018	Pass	
				-30	3.8	-7.366	-0.0042	Pass	
				-20	3.8	1.257	0.0007	Pass	
-10				3.8	3.871	0.0022	Pass		
0				3.8	1.025	0.0006	Pass		



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	1779.3	6	0	10	3.8	0.902	0.0005	Pass			
				30	3.8	-1.132	-0.0006	Pass			
				40	3.8	-8.491	-0.0049	Pass			
				50	3.8	5.261	0.0030	Pass			
				20	3.4	0.420	0.0002	Pass			
					3.8	2.165	0.0012	Pass			
					4.4	-6.102	-0.0034	Pass			
				-30	3.8	-10.350	-0.0058	Pass			
				-20	3.8	0.094	0.0001	Pass			
				-10	3.8	-8.552	-0.0048	Pass			
				0	3.8	-3.095	-0.0017	Pass			
				10	3.8	5.633	0.0032	Pass			
				30	3.8	3.291	0.0018	Pass			
				40	3.8	-1.872	-0.0011	Pass			
50	3.8	-4.399	-0.0025	Pass							
256QAM	1710.7	6	0	20	3.4	-1.515	-0.0009	Pass			
					3.8	-4.490	-0.0026	Pass			
					4.4	-2.495	-0.0015	Pass			
				-30	3.8	-10.263	-0.0060	Pass			
				-20	3.8	-12.758	-0.0075	Pass			
				-10	3.8	1.978	0.0012	Pass			
				0	3.8	-7.975	-0.0047	Pass			
				10	3.8	2.779	0.0016	Pass			
				30	3.8	-8.703	-0.0051	Pass			
				40	3.8	2.670	0.0016	Pass			
				50	3.8	0.326	0.0002	Pass			
				1745	6	0	20	3.4	4.501	0.0026	Pass
								3.8	-8.078	-0.0046	Pass
								4.4	3.683	0.0021	Pass
-30	3.8	-8.186	-0.0047				Pass				
-20	3.8	1.495	0.0009				Pass				
-10	3.8	2.729	0.0016				Pass				
0	3.8	-4.953	-0.0028				Pass				
10	3.8	3.547	0.0020				Pass				
1779.3	6	0	20	3.4	-7.560	-0.0042	Pass				
				3.8	0.967	0.0005	Pass				
				4.4	-4.431	-0.0025	Pass				
			-30	3.8	0.671	0.0004	Pass				
			-20	3.8	3.856	0.0022	Pass				
			-10	3.8	-2.316	-0.0013	Pass				
			0	3.8	3.475	0.0020	Pass				
			10	3.8	-12.207	-0.0069	Pass				
30	3.8	5.148	0.0029	Pass							
40	3.8	-2.929	-0.0016	Pass							
50	3.8	-6.382	-0.0036	Pass							



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2.2 B66_3MHz

2.2.1 Test Result

Band: 66 / Bandwidth: 3MHz								
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)	Verdict
		Size	Offset				Result	
QPSK	1711.5	15	0	20	3.4	-0.874	-0.0005	Pass
					3.8	9.737	0.0057	Pass
					4.4	5.271	0.0031	Pass
				-30	3.8	11.603	0.0068	Pass
				-20	3.8	14.005	0.0082	Pass
				-10	3.8	7.786	0.0045	Pass
				0	3.8	9.615	0.0056	Pass
				10	3.8	1.831	0.0011	Pass
				30	3.8	4.578	0.0027	Pass
				40	3.8	1.614	0.0009	Pass
	50	3.8	4.997	0.0029	Pass			
	1745	15	0	20	3.4	-4.052	-0.0023	Pass
					3.8	0.407	0.0002	Pass
					4.4	4.863	0.0028	Pass
				-30	3.8	1.320	0.0008	Pass
				-20	3.8	2.796	0.0016	Pass
				-10	3.8	6.483	0.0037	Pass
				0	3.8	6.332	0.0036	Pass
				10	3.8	1.760	0.0010	Pass
				30	3.8	-0.103	-0.0001	Pass
				40	3.8	2.972	0.0017	Pass
	50	3.8	0.319	0.0002	Pass			
	1778.5	15	0	20	3.4	-1.701	-0.0010	Pass
					3.8	-1.532	-0.0009	Pass
					4.4	-5.291	-0.0030	Pass
				-30	3.8	4.319	0.0024	Pass
				-20	3.8	4.915	0.0028	Pass
				-10	3.8	2.115	0.0012	Pass
				0	3.8	3.126	0.0018	Pass
				10	3.8	9.410	0.0053	Pass
30				3.8	-0.956	-0.0005	Pass	
40				3.8	4.857	0.0027	Pass	
50	3.8	2.867	0.0016	Pass				
16QAM	1711.5	15	0	20	3.4	0.242	0.0001	Pass
					3.8	-5.245	-0.0031	Pass
					4.4	-1.947	-0.0011	Pass
				-30	3.8	-4.110	-0.0024	Pass



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				-20	3.8	-5.200	-0.0030	Pass			
				-10	3.8	-3.245	-0.0019	Pass			
				0	3.8	-6.631	-0.0039	Pass			
				10	3.8	-2.968	-0.0017	Pass			
				30	3.8	-4.579	-0.0027	Pass			
				40	3.8	-1.179	-0.0007	Pass			
				50	3.8	-2.529	-0.0015	Pass			
	1745	15	0	20	3.4	-4.376	-0.0025	Pass			
					3.8	6.227	0.0036	Pass			
					4.4	-0.791	-0.0005	Pass			
				-30	3.8	3.568	0.0020	Pass			
				-20	3.8	-7.800	-0.0045	Pass			
				-10	3.8	0.062	0.0000	Pass			
				0	3.8	-8.713	-0.0050	Pass			
				10	3.8	1.801	0.0010	Pass			
				30	3.8	-1.025	-0.0006	Pass			
				40	3.8	4.123	0.0024	Pass			
				50	3.8	-1.724	-0.0010	Pass			
				1778.5	15	0	20	3.4	-6.545	-0.0037	Pass
								3.8	-3.029	-0.0017	Pass
								4.4	0.785	0.0004	Pass
-30	3.8	-0.826	-0.0005				Pass				
-20	3.8	-2.589	-0.0015				Pass				
-10	3.8	0.197	0.0001				Pass				
0	3.8	5.522	0.0031				Pass				
10	3.8	-10.460	-0.0059				Pass				
30	3.8	0.496	0.0003				Pass				
40	3.8	-1.507	-0.0008				Pass				
50	3.8	-0.147	-0.0001	Pass							
64QAM	1711.5	15	0	20	3.4	-7.019	-0.0041	Pass			
					3.8	-6.974	-0.0041	Pass			
					4.4	2.135	0.0012	Pass			
				-30	3.8	-5.611	-0.0033	Pass			
				-20	3.8	0.068	0.0000	Pass			
				-10	3.8	2.919	0.0017	Pass			
				0	3.8	-5.302	-0.0031	Pass			
				10	3.8	-3.103	-0.0018	Pass			
				30	3.8	3.980	0.0023	Pass			
				40	3.8	-2.125	-0.0012	Pass			
	50	3.8	-3.756	-0.0022	Pass						
	1745	15	0	20	3.4	-6.310	-0.0036	Pass			
					3.8	2.691	0.0015	Pass			
					4.4	-2.868	-0.0016	Pass			
				-30	3.8	2.752	0.0016	Pass			
				-20	3.8	3.181	0.0018	Pass			
				-10	3.8	-6.568	-0.0038	Pass			
				0	3.8	-6.489	-0.0037	Pass			
				10	3.8	-5.086	-0.0029	Pass			



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	1778.5	15	0	30	3.8	-2.593	-0.0015	Pass
				40	3.8	-0.303	-0.0002	Pass
				50	3.8	1.151	0.0007	Pass
				20	3.4	-3.278	-0.0018	Pass
					3.8	6.339	0.0036	Pass
					4.4	-1.991	-0.0011	Pass
				-30	3.8	0.104	0.0001	Pass
				-20	3.8	-5.868	-0.0033	Pass
				-10	3.8	4.345	0.0024	Pass
				0	3.8	2.089	0.0012	Pass
				10	3.8	-1.338	-0.0008	Pass
				30	3.8	4.561	0.0026	Pass
				40	3.8	-5.244	-0.0029	Pass
50	3.8	5.539	0.0031	Pass				
256QAM	1711.5	15	0	20	3.4	0.985	0.0006	Pass
					3.8	-4.778	-0.0028	Pass
					4.4	-2.460	-0.0014	Pass
				-30	3.8	-0.458	-0.0003	Pass
				-20	3.8	2.822	0.0016	Pass
				-10	3.8	0.446	0.0003	Pass
				0	3.8	1.233	0.0007	Pass
				10	3.8	-0.512	-0.0003	Pass
				30	3.8	1.130	0.0007	Pass
				40	3.8	1.772	0.0010	Pass
				50	3.8	1.273	0.0007	Pass
				1745	15	0	20	3.4
	3.8	-7.461	-0.0043					Pass
	4.4	2.314	0.0013					Pass
	-30	3.8	3.820				0.0022	Pass
	-20	3.8	1.523				0.0009	Pass
	-10	3.8	-0.849				-0.0005	Pass
	0	3.8	1.890				0.0011	Pass
	10	3.8	-4.128				-0.0024	Pass
	30	3.8	-3.176				-0.0018	Pass
	40	3.8	-8.263	-0.0047	Pass			
50	3.8	-2.037	-0.0012	Pass				
1778.5	15	0	20	3.4	-2.681	-0.0015	Pass	
				3.8	7.311	0.0041	Pass	
				4.4	3.493	0.0020	Pass	
			-30	3.8	3.061	0.0017	Pass	
			-20	3.8	2.394	0.0013	Pass	
			-10	3.8	-5.950	-0.0033	Pass	
			0	3.8	-9.555	-0.0054	Pass	
			10	3.8	-0.949	-0.0005	Pass	
			30	3.8	-2.811	-0.0016	Pass	
			40	3.8	-6.313	-0.0035	Pass	
50	3.8	-9.990	-0.0056	Pass				



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2.3 B66_5MHz

2.3.1 Test Result

Band: 66 / Bandwidth: 5MHz								
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)	Verdict
		Size	Offset				Result	
QPSK	1712.5	25	0	20	3.4	-3.511	-0.0021	Pass
					3.8	-3.305	-0.0019	Pass
					4.4	4.635	0.0027	Pass
				-30	3.8	4.666	0.0027	Pass
				-20	3.8	0.965	0.0006	Pass
				-10	3.8	-4.561	-0.0027	Pass
				0	3.8	7.914	0.0046	Pass
				10	3.8	4.734	0.0028	Pass
				30	3.8	0.144	0.0001	Pass
				40	3.8	-1.244	-0.0007	Pass
	50	3.8	-0.236	-0.0001	Pass			
	1745	25	0	20	3.4	-5.582	-0.0032	Pass
					3.8	-4.014	-0.0023	Pass
					4.4	3.270	0.0019	Pass
				-30	3.8	0.906	0.0005	Pass
				-20	3.8	-0.928	-0.0005	Pass
				-10	3.8	-2.503	-0.0014	Pass
				0	3.8	-9.682	-0.0055	Pass
				10	3.8	-8.366	-0.0048	Pass
				30	3.8	-4.519	-0.0026	Pass
				40	3.8	-5.423	-0.0031	Pass
	50	3.8	-9.619	-0.0055	Pass			
	1777.5	25	0	20	3.4	4.980	0.0028	Pass
					3.8	1.859	0.0010	Pass
					4.4	-2.199	-0.0012	Pass
				-30	3.8	8.804	0.0050	Pass
				-20	3.8	9.382	0.0053	Pass
				-10	3.8	5.018	0.0028	Pass
				0	3.8	2.510	0.0014	Pass
				10	3.8	-3.026	-0.0017	Pass
30				3.8	4.382	0.0025	Pass	
40				3.8	0.161	0.0001	Pass	
50	3.8	-5.599	-0.0031	Pass				
16QAM	1712.5	25	0	20	3.4	4.452	0.0026	Pass
					3.8	-2.831	-0.0017	Pass
					4.4	-6.543	-0.0038	Pass
				-30	3.8	5.966	0.0035	Pass
				-20	3.8	-9.140	-0.0053	Pass
				-10	3.8	4.668	0.0027	Pass



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64QAM	1745	25	0	0	3.8	2.068	0.0012	Pass								
				10	3.8	-6.365	-0.0037	Pass								
				30	3.8	0.764	0.0004	Pass								
				40	3.8	1.550	0.0009	Pass								
				50	3.8	-7.412	-0.0043	Pass								
				20	3.4	-8.369	-0.0048	Pass								
									3.8	6.245	0.0036	Pass				
													4.4	1.577	0.0009	Pass
									3.8	-2.183	-0.0013	Pass				
									3.8	1.814	0.0010	Pass				
									0	3.8	-3.740	-0.0021	Pass			
									10	3.8	0.708	0.0004	Pass			
									30	3.8	0.915	0.0005	Pass			
									40	3.8	0.725	0.0004	Pass			
	50	3.8	-4.175	-0.0024	Pass											
	20	3.4	-0.376	-0.0002	Pass											
						3.8	2.879	0.0016	Pass							
										4.4	-9.490	-0.0053	Pass			
														3.8	-3.480	-0.0020
						3.8	-2.523	-0.0014	Pass							
						3.8	-6.091	-0.0034	Pass							
						0	3.8	-3.716	-0.0021	Pass						
						10	3.8	3.978	0.0022	Pass						
						30	3.8	-1.940	-0.0011	Pass						
						40	3.8	-0.993	-0.0006	Pass						
	50	3.8	3.267	0.0018	Pass											
	1712.5	25	0	20	3.4	-8.609	-0.0050	Pass								
									3.8	-2.019	-0.0012	Pass				
													4.4	-1.503	-0.0009	Pass
				3.8	-7.501	-0.0044	Pass									
				3.8	-4.182	-0.0024	Pass									
				3.8	-5.599	-0.0033	Pass									
				0	3.8	-5.378	-0.0031	Pass								
				10	3.8	-7.091	-0.0041	Pass								
30				3.8	-9.323	-0.0054	Pass									
40				3.8	-0.162	-0.0001	Pass									
50				3.8	-4.558	-0.0027	Pass									
20				3.4	1.332	0.0008	Pass									
								3.8	-5.263	-0.0030	Pass					
												4.4	0.640	0.0004	Pass	
																3.8
	3.8	-5.943	-0.0034					Pass								
	3.8	-1.662	-0.0010					Pass								
	0	3.8	-1.969					-0.0011	Pass							
	10	3.8	-4.661					-0.0027	Pass							
	30	3.8	-3.217					-0.0018	Pass							
	40	3.8	3.208					0.0018	Pass							



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	1777.5	25	0	50	3.8	-5.585	-0.0032	Pass
				20	3.4	-0.599	-0.0003	Pass
					3.8	4.858	0.0027	Pass
					4.4	2.762	0.0016	Pass
				-30	3.8	3.540	0.0020	Pass
				-20	3.8	-4.897	-0.0028	Pass
				-10	3.8	5.036	0.0028	Pass
				0	3.8	-9.203	-0.0052	Pass
				10	3.8	2.308	0.0013	Pass
				30	3.8	-4.688	-0.0026	Pass
				40	3.8	-4.202	-0.0024	Pass
50	3.8	-6.534	-0.0037	Pass				
256QAM	1712.5	25	0	20	3.4	-0.033	0.0000	Pass
					3.8	2.040	0.0012	Pass
					4.4	-2.941	-0.0017	Pass
				-30	3.8	-2.912	-0.0017	Pass
				-20	3.8	-0.129	-0.0001	Pass
				-10	3.8	-2.697	-0.0016	Pass
				0	3.8	-4.004	-0.0023	Pass
				10	3.8	-0.537	-0.0003	Pass
				30	3.8	4.839	0.0028	Pass
	40	3.8	6.553	0.0038	Pass			
	50	3.8	-1.572	-0.0009	Pass			
	1745	25	0	20	3.4	1.508	0.0009	Pass
					3.8	-1.064	-0.0006	Pass
					4.4	1.025	0.0006	Pass
				-30	3.8	-1.661	-0.0010	Pass
				-20	3.8	-9.592	-0.0055	Pass
				-10	3.8	-4.716	-0.0027	Pass
				0	3.8	2.416	0.0014	Pass
				10	3.8	0.240	0.0001	Pass
30				3.8	-9.443	-0.0054	Pass	
40	3.8	-2.299	-0.0013	Pass				
50	3.8	-10.358	-0.0059	Pass				
1777.5	25	0	20	3.4	-4.146	-0.0023	Pass	
				3.8	-5.164	-0.0029	Pass	
				4.4	5.590	0.0031	Pass	
			-30	3.8	1.631	0.0009	Pass	
			-20	3.8	-2.864	-0.0016	Pass	
			-10	3.8	4.222	0.0024	Pass	
			0	3.8	-5.806	-0.0033	Pass	
			10	3.8	-11.541	-0.0065	Pass	
			30	3.8	-8.937	-0.0050	Pass	
40	3.8	-1.466	-0.0008	Pass				
50	3.8	-10.695	-0.0060	Pass				



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2.4 B66_10MHz

2.4.1 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	
QPSK	1715	50	0	20	3.4	-0.796	-0.0005	Pass
					3.8	-4.523	-0.0026	Pass
					4.4	-5.290	-0.0031	Pass
				-30	3.8	-2.555	-0.0015	Pass
				-20	3.8	-1.907	-0.0011	Pass
				-10	3.8	-9.346	-0.0054	Pass
				0	3.8	2.334	0.0014	Pass
				10	3.8	-4.809	-0.0028	Pass
				30	3.8	-8.753	-0.0051	Pass
				40	3.8	3.714	0.0022	Pass
	50	3.8	1.503	0.0009	Pass			
	1745	50	0	20	3.4	-8.326	-0.0048	Pass
					3.8	-2.567	-0.0015	Pass
					4.4	-2.521	-0.0014	Pass
				-30	3.8	-2.325	-0.0013	Pass
				-20	3.8	5.029	0.0029	Pass
				-10	3.8	-4.716	-0.0027	Pass
				0	3.8	-10.479	-0.0060	Pass
				10	3.8	2.459	0.0014	Pass
				30	3.8	-7.882	-0.0045	Pass
				40	3.8	-6.341	-0.0036	Pass
	50	3.8	-2.984	-0.0017	Pass			
	1775	50	0	20	3.4	-11.855	-0.0067	Pass
					3.8	-2.985	-0.0017	Pass
					4.4	1.958	0.0011	Pass
				-30	3.8	3.862	0.0022	Pass
				-20	3.8	-0.670	-0.0004	Pass
				-10	3.8	-1.240	-0.0007	Pass
				0	3.8	-8.988	-0.0051	Pass
				10	3.8	4.041	0.0023	Pass
30				3.8	-9.037	-0.0051	Pass	
40				3.8	6.150	0.0035	Pass	
50	3.8	-4.093	-0.0023	Pass				
16QAM	1715	50	0	20	3.4	-3.203	-0.0019	Pass
					3.8	-3.102	-0.0018	Pass
					4.4	-2.618	-0.0015	Pass
				-30	3.8	-1.496	-0.0009	Pass
				-20	3.8	-1.856	-0.0011	Pass
				-10	3.8	3.045	0.0018	Pass



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64QAM	1745	50	0	0	3.8	3.089	0.0018	Pass		
				10	3.8	7.059	0.0041	Pass		
				30	3.8	6.419	0.0037	Pass		
				40	3.8	-3.490	-0.0020	Pass		
				50	3.8	0.002	0.0000	Pass		
				20	3.4	-1.818	-0.0010	Pass		
				20	3.8	-1.563	-0.0009	Pass		
				20	4.4	1.070	0.0006	Pass		
				-30	3.8	-6.186	-0.0035	Pass		
				-20	3.8	-7.981	-0.0046	Pass		
				-10	3.8	-4.652	-0.0027	Pass		
				0	3.8	-2.806	-0.0016	Pass		
				10	3.8	1.311	0.0008	Pass		
				30	3.8	7.440	0.0043	Pass		
	40	3.8	0.248	0.0001	Pass					
	50	3.8	5.933	0.0034	Pass					
	1775	50	0	20	3.4	6.130	0.0035	Pass		
				20	3.8	-3.570	-0.0020	Pass		
				20	4.4	2.167	0.0012	Pass		
				-30	3.8	-2.979	-0.0017	Pass		
				-20	3.8	5.209	0.0029	Pass		
				-10	3.8	2.827	0.0016	Pass		
				0	3.8	1.382	0.0008	Pass		
				10	3.8	9.813	0.0055	Pass		
				30	3.8	-4.675	-0.0026	Pass		
				40	3.8	6.214	0.0035	Pass		
				50	3.8	2.182	0.0012	Pass		
				1715	50	0	20	3.4	-6.105	-0.0036
20							3.8	-3.100	-0.0018	Pass
20							4.4	-4.099	-0.0024	Pass
-30	3.8	-3.657	-0.0021				Pass			
-20	3.8	-6.488	-0.0038				Pass			
-10	3.8	-6.506	-0.0038				Pass			
0	3.8	-3.611	-0.0021				Pass			
10	3.8	0.281	0.0002				Pass			
30	3.8	1.574	0.0009				Pass			
40	3.8	-0.036	0.0000				Pass			
50	3.8	-0.208	-0.0001				Pass			
1745	50	0	20				3.4	-7.116	-0.0041	Pass
			20				3.8	-2.974	-0.0017	Pass
			20				4.4	-3.485	-0.0020	Pass
			-30	3.8	-8.583	-0.0049	Pass			
			-20	3.8	-2.380	-0.0014	Pass			
			-10	3.8	-5.370	-0.0031	Pass			
			0	3.8	-1.680	-0.0010	Pass			
			10	3.8	-8.070	-0.0046	Pass			
			30	3.8	2.900	0.0017	Pass			
			40	3.8	4.298	0.0025	Pass			



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	1775	50	0	50	3.8	6.105	0.0035	Pass
				20	3.4	3.065	0.0017	Pass
					3.8	-4.915	-0.0028	Pass
					4.4	3.635	0.0020	Pass
				-30	3.8	1.795	0.0010	Pass
				-20	3.8	4.203	0.0024	Pass
				-10	3.8	6.335	0.0036	Pass
				0	3.8	-2.134	-0.0012	Pass
				10	3.8	7.297	0.0041	Pass
				30	3.8	-3.562	-0.0020	Pass
				40	3.8	2.427	0.0014	Pass
50	3.8	-5.891	-0.0033	Pass				
256QAM	1715	50	0	20	3.4	3.342	0.0019	Pass
					3.8	-0.699	-0.0004	Pass
					4.4	-0.161	-0.0001	Pass
				-30	3.8	1.441	0.0008	Pass
				-20	3.8	-6.553	-0.0038	Pass
				-10	3.8	-3.994	-0.0023	Pass
				0	3.8	3.794	0.0022	Pass
				10	3.8	3.179	0.0019	Pass
				30	3.8	4.157	0.0024	Pass
				40	3.8	3.793	0.0022	Pass
	50	3.8	1.660	0.0010	Pass			
	1745	50	0	20	3.4	2.278	0.0013	Pass
					3.8	-4.481	-0.0026	Pass
					4.4	-7.857	-0.0045	Pass
				-30	3.8	-0.815	-0.0005	Pass
				-20	3.8	2.198	0.0013	Pass
				-10	3.8	-4.811	-0.0028	Pass
				0	3.8	-9.814	-0.0056	Pass
				10	3.8	-7.277	-0.0042	Pass
30	3.8	0.992	0.0006	Pass				
40	3.8	-10.262	-0.0059	Pass				
50	3.8	4.603	0.0026	Pass				
1775	50	0	20	3.4	-3.596	-0.0020	Pass	
				3.8	-1.734	-0.0010	Pass	
				4.4	-3.422	-0.0019	Pass	
			-30	3.8	-6.633	-0.0037	Pass	
			-20	3.8	-5.369	-0.0030	Pass	
			-10	3.8	6.247	0.0035	Pass	
			0	3.8	-7.044	-0.0040	Pass	
			10	3.8	-7.122	-0.0040	Pass	
			30	3.8	1.417	0.0008	Pass	
40	3.8	7.446	0.0042	Pass				
50	3.8	-5.605	-0.0032	Pass				



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2.5 B66_15MHz

2.5.1 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				
QPSK	1717.5	75	0	20	3.4	-4.792	-0.0028	Pass			
					3.8	-6.887	-0.0040	Pass			
					4.4	-1.033	-0.0006	Pass			
				-30	3.8	5.796	0.0034	Pass			
				-20	3.8	-6.402	-0.0037	Pass			
				-10	3.8	2.545	0.0015	Pass			
				0	3.8	-6.793	-0.0040	Pass			
				10	3.8	2.400	0.0014	Pass			
				30	3.8	3.657	0.0021	Pass			
				40	3.8	5.287	0.0031	Pass			
				50	3.8	-7.438	-0.0043	Pass			
				1745	75	0	20	3.4	-1.463	-0.0008	Pass
								3.8	3.798	0.0022	Pass
								4.4	0.204	0.0001	Pass
							-30	3.8	4.549	0.0026	Pass
	-20	3.8	5.784				0.0033	Pass			
	-10	3.8	2.032				0.0012	Pass			
	0	3.8	-5.169				-0.0030	Pass			
	10	3.8	0.605				0.0003	Pass			
	30	3.8	6.281				0.0036	Pass			
	40	3.8	-9.044				-0.0052	Pass			
	50	3.8	-1.167				-0.0007	Pass			
	1772.5	75	0				20	3.4	-7.800	-0.0044	Pass
								3.8	1.156	0.0007	Pass
								4.4	3.975	0.0022	Pass
							-30	3.8	-0.065	0.0000	Pass
				-20	3.8	7.403	0.0042	Pass			
				-10	3.8	-6.873	-0.0039	Pass			
				0	3.8	2.664	0.0015	Pass			
				10	3.8	-4.383	-0.0025	Pass			
30				3.8	3.070	0.0017	Pass				
40				3.8	-3.144	-0.0018	Pass				
50				3.8	6.237	0.0035	Pass				
16QAM				1717.5	75	0	20	3.4	-6.804	-0.0040	Pass
								3.8	1.777	0.0010	Pass
								4.4	-2.363	-0.0014	Pass
							-30	3.8	4.661	0.0027	Pass
	-20	3.8	5.138				0.0030	Pass			
	-10	3.8	-3.740				-0.0022	Pass			



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				0	3.8	-6.904	-0.0040	Pass			
				10	3.8	-1.474	-0.0009	Pass			
				30	3.8	-1.683	-0.0010	Pass			
				40	3.8	0.088	0.0001	Pass			
				50	3.8	-1.167	-0.0007	Pass			
	1745	75	0	20	3.4	-0.511	-0.0003	Pass			
					3.8	3.450	0.0020	Pass			
				4.4	3.247	0.0019	Pass				
				-30	3.8	2.913	0.0017	Pass			
				-20	3.8	2.121	0.0012	Pass			
				-10	3.8	1.816	0.0010	Pass			
				0	3.8	1.848	0.0011	Pass			
				10	3.8	0.086	0.0000	Pass			
				30	3.8	0.490	0.0003	Pass			
				40	3.8	0.772	0.0004	Pass			
				50	3.8	-4.901	-0.0028	Pass			
				1772.5	75	0	20	3.4	-7.147	-0.0040	Pass
								3.8	-1.420	-0.0008	Pass
	4.4	-2.565	-0.0014				Pass				
	-30	3.8	-3.617				-0.0020	Pass			
	-20	3.8	-2.274				-0.0013	Pass			
	-10	3.8	-7.789				-0.0044	Pass			
	0	3.8	-2.629				-0.0015	Pass			
	10	3.8	-2.064				-0.0012	Pass			
	30	3.8	-7.236				-0.0041	Pass			
	40	3.8	-3.449				-0.0019	Pass			
	50	3.8	-0.771	-0.0004	Pass						
	64QAM	1717.5	75	0	20	3.4	-0.215	-0.0001	Pass		
3.8						-3.418	-0.0020	Pass			
4.4					3.123	0.0018	Pass				
-30					3.8	-2.241	-0.0013	Pass			
-20					3.8	2.608	0.0015	Pass			
-10					3.8	5.769	0.0034	Pass			
0					3.8	3.136	0.0018	Pass			
10					3.8	-6.772	-0.0039	Pass			
30					3.8	-5.408	-0.0031	Pass			
40					3.8	-10.592	-0.0062	Pass			
50		3.8	-8.208	-0.0048	Pass						
1745		75	0	20	3.4	2.939	0.0017	Pass			
					3.8	5.895	0.0034	Pass			
				4.4	8.283	0.0047	Pass				
				-30	3.8	7.166	0.0041	Pass			
				-20	3.8	-3.933	-0.0023	Pass			
				-10	3.8	5.125	0.0029	Pass			
	0			3.8	1.063	0.0006	Pass				
10	3.8	5.971	0.0034	Pass							
30	3.8	3.057	0.0018	Pass							
40	3.8	-3.459	-0.0020	Pass							



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1772.5	75	0	50	3.8	1.646	0.0009	Pass			
			20	3.4	-0.127	-0.0001	Pass			
				3.8	3.016	0.0017	Pass			
			-30	4.4	-6.075	-0.0034	Pass			
				3.8	0.166	0.0001	Pass			
			-20	3.8	-5.684	-0.0032	Pass			
			-10	3.8	-2.317	-0.0013	Pass			
			0	3.8	0.679	0.0004	Pass			
			10	3.8	-8.072	-0.0046	Pass			
			30	3.8	-4.176	-0.0024	Pass			
			40	3.8	-5.458	-0.0031	Pass			
			50	3.8	-7.176	-0.0040	Pass			
			1717.5	75	0	20	3.4	1.327	0.0008	Pass
3.8	-3.472	-0.0020					Pass			
4.4	-7.924	-0.0046					Pass			
-30	3.8	1.691				0.0010	Pass			
-20	3.8	-4.784				-0.0028	Pass			
-10	3.8	5.068				0.0030	Pass			
0	3.8	2.879				0.0017	Pass			
10	3.8	0.299				0.0002	Pass			
30	3.8	-5.123				-0.0030	Pass			
40	3.8	4.642				0.0027	Pass			
50	3.8	7.257				0.0042	Pass			
1745	75	0				20	3.4	-5.550	-0.0032	Pass
							3.8	-0.324	-0.0002	Pass
			4.4	4.478	0.0026		Pass			
			-30	3.8	4.296	0.0025	Pass			
			-20	3.8	-2.047	-0.0012	Pass			
			-10	3.8	-3.802	-0.0022	Pass			
			0	3.8	-2.755	-0.0016	Pass			
			10	3.8	1.770	0.0010	Pass			
			30	3.8	2.002	0.0011	Pass			
			40	3.8	3.995	0.0023	Pass			
			50	3.8	-3.540	-0.0020	Pass			
			1772.5	75	0	20	3.4	-0.833	-0.0005	Pass
							3.8	-6.500	-0.0037	Pass
4.4	-7.542	-0.0043					Pass			
-30	3.8	-3.935				-0.0022	Pass			
-20	3.8	-3.518				-0.0020	Pass			
-10	3.8	-0.468				-0.0003	Pass			
0	3.8	-8.352				-0.0047	Pass			
10	3.8	-5.869				-0.0033	Pass			
30	3.8	-4.894				-0.0028	Pass			
40	3.8	-5.307				-0.0030	Pass			
50	3.8	-7.301				-0.0041	Pass			



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2.6 B66_20MHz

2.6.1 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		
QPSK	1720	100	0	20	3.4	7.278	0.0042	Pass	
					3.8	-10.354	-0.0060	Pass	
					4.4	-4.992	-0.0029	Pass	
				-30	3.8	-6.162	-0.0036	Pass	
					-20	3.8	-2.978	-0.0017	Pass
					-10	3.8	2.543	0.0015	Pass
				0	3.8	4.633	0.0027	Pass	
					10	3.8	-4.625	-0.0027	Pass
					30	3.8	-1.980	-0.0012	Pass
					40	3.8	6.361	0.0037	Pass
	50	3.8	7.685		0.0045	Pass			
	1745	100	0		20	3.4	3.024	0.0017	Pass
						3.8	-2.633	-0.0015	Pass
				4.4		-1.369	-0.0008	Pass	
				-30	3.8	2.647	0.0015	Pass	
					-20	3.8	2.077	0.0012	Pass
					-10	3.8	5.760	0.0033	Pass
				0	3.8	-4.946	-0.0028	Pass	
					10	3.8	-3.550	-0.0020	Pass
					30	3.8	-7.269	-0.0042	Pass
					40	3.8	-1.084	-0.0006	Pass
	50	3.8	6.611		0.0038	Pass			
	1770	100	0		20	3.4	-3.053	-0.0017	Pass
						3.8	-2.908	-0.0016	Pass
				4.4		-9.410	-0.0053	Pass	
				-30	3.8	-4.242	-0.0024	Pass	
					-20	3.8	-2.104	-0.0012	Pass
					-10	3.8	2.170	0.0012	Pass
				0	3.8	4.236	0.0024	Pass	
					10	3.8	-8.307	-0.0047	Pass
30					3.8	-2.091	-0.0012	Pass	
40					3.8	-2.293	-0.0013	Pass	
50	3.8	-10.444	-0.0059		Pass				
16QAM	1720	100	0		20	3.4	4.978	0.0029	Pass
						3.8	1.090	0.0006	Pass
				4.4		-8.356	-0.0049	Pass	
				-30	3.8	-8.536	-0.0050	Pass	
					-20	3.8	-2.143	-0.0012	Pass
					-10	3.8	-6.292	-0.0037	Pass



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64QAM	1745	100	0	0	3.8	-7.166	-0.0042	Pass		
				10	3.8	-2.990	-0.0017	Pass		
				30	3.8	-3.816	-0.0022	Pass		
				40	3.8	-3.963	-0.0023	Pass		
				50	3.8	2.639	0.0015	Pass		
				20	3.4	-0.494	-0.0003	Pass		
					3.8	-8.787	-0.0050	Pass		
					4.4	0.630	0.0004	Pass		
					-30	3.8	-0.148	-0.0001	Pass	
					-20	3.8	1.893	0.0011	Pass	
					-10	3.8	2.114	0.0012	Pass	
					0	3.8	-2.910	-0.0017	Pass	
					10	3.8	-2.774	-0.0016	Pass	
					30	3.8	-0.653	-0.0004	Pass	
	40	3.8	-4.511		-0.0026	Pass				
	50	3.8	3.490	0.0020	Pass					
	1770	100	0	20	3.4	0.294	0.0002	Pass		
					3.8	-8.707	-0.0049	Pass		
					4.4	-2.249	-0.0013	Pass		
				-30	3.8	1.543	0.0009	Pass		
				-20	3.8	0.470	0.0003	Pass		
				-10	3.8	1.924	0.0011	Pass		
				0	3.8	-11.130	-0.0063	Pass		
				10	3.8	-7.612	-0.0043	Pass		
				30	3.8	-8.469	-0.0048	Pass		
				40	3.8	3.471	0.0020	Pass		
				50	3.8	-10.355	-0.0059	Pass		
				1720	100	0	20	3.4	1.082	0.0006
3.8								7.842	0.0046	Pass
4.4								3.469	0.0020	Pass
-30	3.8	-0.187	-0.0001				Pass			
-20	3.8	-4.450	-0.0026				Pass			
-10	3.8	-3.664	-0.0021				Pass			
0	3.8	5.978	0.0035				Pass			
10	3.8	3.022	0.0018				Pass			
30	3.8	-6.931	-0.0040				Pass			
40	3.8	-0.421	-0.0002				Pass			
50	3.8	-8.025	-0.0047				Pass			
1745	100	0	20				3.4	-7.039	-0.0040	Pass
							3.8	-6.723	-0.0039	Pass
							4.4	-4.225	-0.0024	Pass
			-30	3.8	-4.764	-0.0027	Pass			
			-20	3.8	-3.209	-0.0018	Pass			
			-10	3.8	2.648	0.0015	Pass			
			0	3.8	4.594	0.0026	Pass			
			10	3.8	-6.444	-0.0037	Pass			
			30	3.8	-3.953	-0.0023	Pass			
			40	3.8	-4.611	-0.0026	Pass			



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	1770	100	0	50	3.8	0.446	0.0003	Pass
				20	3.4	-6.846	-0.0039	Pass
					3.8	-6.087	-0.0034	Pass
					4.4	2.422	0.0014	Pass
					-30	3.8	2.957	0.0017
				-20	3.8	1.982	0.0011	Pass
				-10	3.8	1.122	0.0006	Pass
				0	3.8	5.317	0.0030	Pass
				10	3.8	4.751	0.0027	Pass
				30	3.8	-6.819	-0.0039	Pass
				40	3.8	3.118	0.0018	Pass
				50	3.8	-1.482	-0.0008	Pass
256QAM	1720	100	0	20	3.4	-3.365	-0.0020	Pass
					3.8	7.362	0.0043	Pass
					4.4	-1.686	-0.0010	Pass
				-30	3.8	-5.182	-0.0030	Pass
				-20	3.8	3.417	0.0020	Pass
				-10	3.8	-6.307	-0.0037	Pass
				0	3.8	-8.488	-0.0049	Pass
				10	3.8	-9.483	-0.0055	Pass
				30	3.8	4.848	0.0028	Pass
	40	3.8	-0.118	-0.0001	Pass			
	50	3.8	-3.514	-0.0020	Pass			
	1745	100	0	20	3.4	-7.102	-0.0041	Pass
					3.8	1.909	0.0011	Pass
					4.4	-3.706	-0.0021	Pass
				-30	3.8	-4.816	-0.0028	Pass
				-20	3.8	5.364	0.0031	Pass
				-10	3.8	-0.529	-0.0003	Pass
				0	3.8	2.733	0.0016	Pass
10				3.8	5.881	0.0034	Pass	
30				3.8	-0.118	-0.0001	Pass	
40	3.8	-4.048	-0.0023	Pass				
50	3.8	-7.678	-0.0044	Pass				
1770	100	0	20	3.4	2.859	0.0016	Pass	
				3.8	0.676	0.0004	Pass	
				4.4	4.387	0.0025	Pass	
			-30	3.8	-9.650	-0.0055	Pass	
			-20	3.8	2.408	0.0014	Pass	
			-10	3.8	-8.339	-0.0047	Pass	
			0	3.8	0.155	0.0001	Pass	
			10	3.8	-2.187	-0.0012	Pass	
			30	3.8	-1.833	-0.0010	Pass	
40	3.8	-1.429	-0.0008	Pass				
50	3.8	-10.688	-0.0060	Pass				



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3. 99% & 26dB Bandwidth

3.1 Band66_OBW

3.1.1 Test Result

Band: 66 / NTVN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.105	/	Pass
		1745	6	0	1.102	/	Pass
		1779.3	6	0	1.107	/	Pass
	16QAM	1710.7	6	0	1.102	/	Pass
		1745	6	0	1.121	/	Pass
		1779.3	6	0	1.101	/	Pass
	64QAM	1710.7	6	0	1.114	/	Pass
		1745	6	0	1.107	/	Pass
		1779.3	6	0	1.114	/	Pass
	256QAM	1710.7	6	0	1.108	/	Pass
		1745	6	0	1.101	/	Pass
		1779.3	6	0	1.109	/	Pass
3	QPSK	1711.5	15	0	2.730	/	Pass
		1745	15	0	2.746	/	Pass
		1778.5	15	0	2.746	/	Pass
	16QAM	1711.5	15	0	2.741	/	Pass
		1745	15	0	2.727	/	Pass
		1778.5	15	0	2.728	/	Pass
	64QAM	1711.5	15	0	2.730	/	Pass
		1745	15	0	2.728	/	Pass
		1778.5	15	0	2.730	/	Pass
	256QAM	1711.5	15	0	2.736	/	Pass
		1745	15	0	2.732	/	Pass
		1778.5	15	0	2.721	/	Pass
5	QPSK	1712.5	25	0	4.558	/	Pass
		1745	25	0	4.554	/	Pass
		1777.5	25	0	4.545	/	Pass
	16QAM	1712.5	25	0	4.548	/	Pass
		1745	25	0	4.568	/	Pass
		1777.5	25	0	4.564	/	Pass
	64QAM	1712.5	25	0	4.540	/	Pass
		1745	25	0	4.543	/	Pass
		1777.5	25	0	4.543	/	Pass
	256QAM	1712.5	25	0	4.560	/	Pass
		1745	25	0	4.554	/	Pass
		1777.5	25	0	4.569	/	Pass
10	QPSK	1715	50	0	9.041	/	Pass



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	16QAM	1745	50	0	9.039	/	Pass
		1775	50	0	9.076	/	Pass
		1715	50	0	9.025	/	Pass
		1745	50	0	9.063	/	Pass
		1775	50	0	9.070	/	Pass
		1715	50	0	9.025	/	Pass
	64QAM	1745	50	0	9.035	/	Pass
		1775	50	0	9.049	/	Pass
		1715	50	0	9.045	/	Pass
	256QAM	1745	50	0	9.081	/	Pass
		1775	50	0	9.049	/	Pass
		1715	50	0	9.045	/	Pass
15	QPSK	1717.5	75	0	13.585	/	Pass
		1745	75	0	13.564	/	Pass
		1772.5	75	0	13.577	/	Pass
	16QAM	1717.5	75	0	13.613	/	Pass
		1745	75	0	13.615	/	Pass
		1772.5	75	0	13.608	/	Pass
	64QAM	1717.5	75	0	13.584	/	Pass
		1745	75	0	13.607	/	Pass
		1772.5	75	0	13.619	/	Pass
	256QAM	1717.5	75	0	13.579	/	Pass
		1745	75	0	13.601	/	Pass
		1772.5	75	0	13.659	/	Pass
20	QPSK	1720	100	0	18.085	/	Pass
		1745	100	0	18.066	/	Pass
		1770	100	0	18.131	/	Pass
	16QAM	1720	100	0	18.196	/	Pass
		1745	100	0	18.127	/	Pass
		1770	100	0	18.074	/	Pass
	64QAM	1720	100	0	18.062	/	Pass
		1745	100	0	18.111	/	Pass
		1770	100	0	18.095	/	Pass
	256QAM	1720	100	0	18.116	/	Pass
		1745	100	0	18.157	/	Pass
		1770	100	0	18.075	/	Pass



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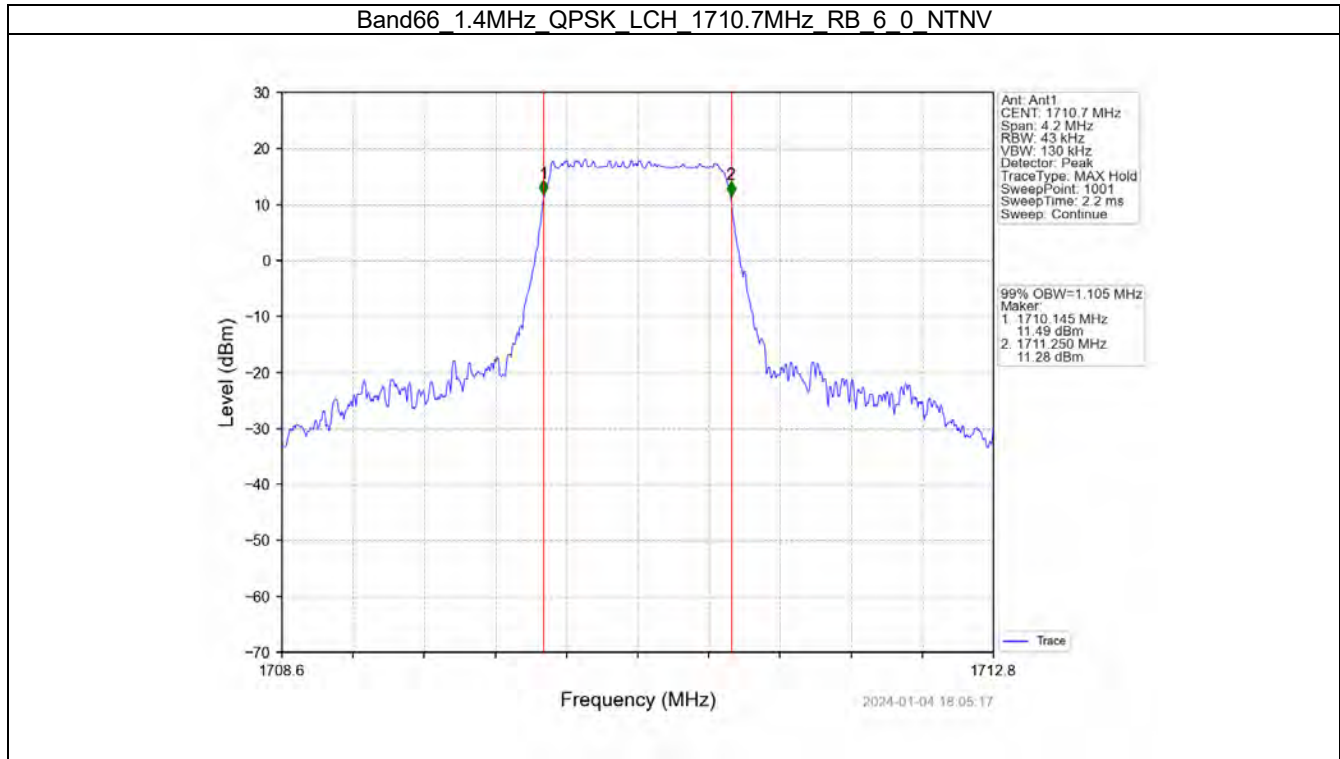
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3.1.2 Test Graph



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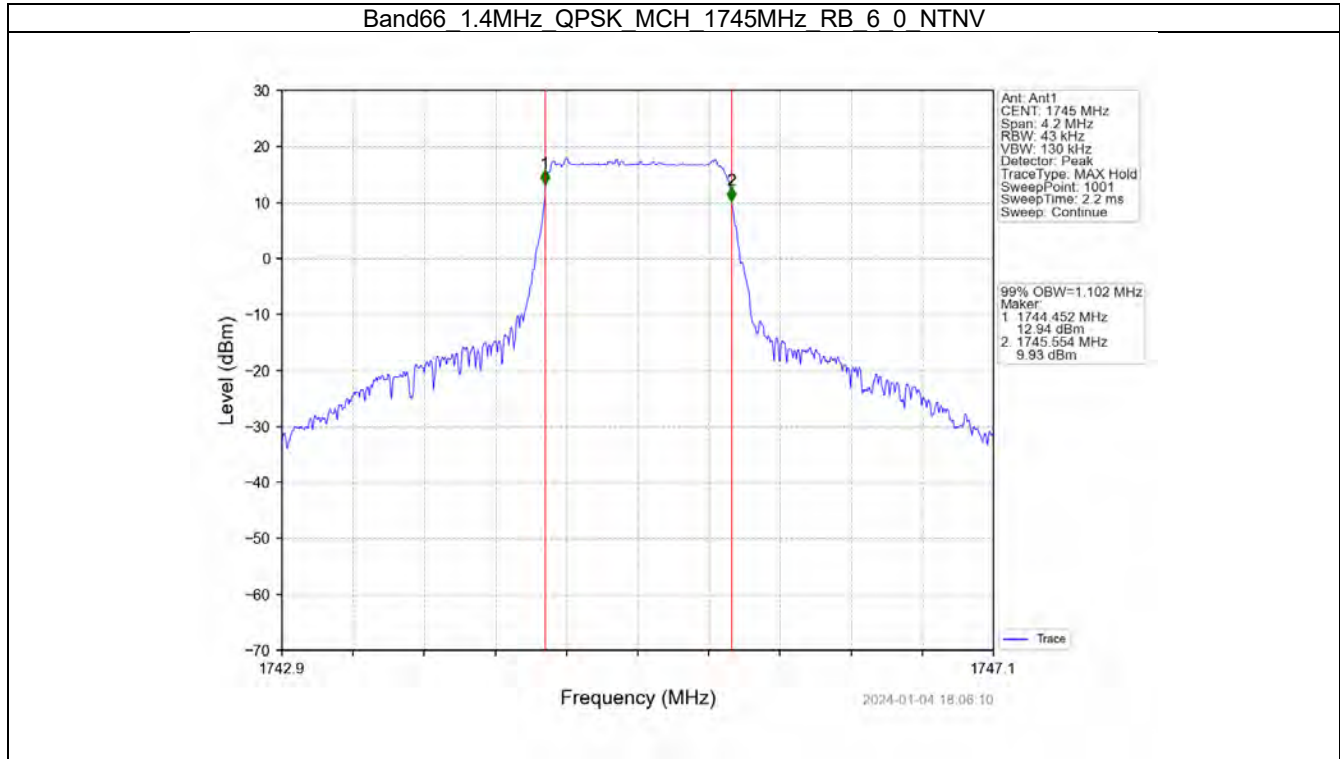
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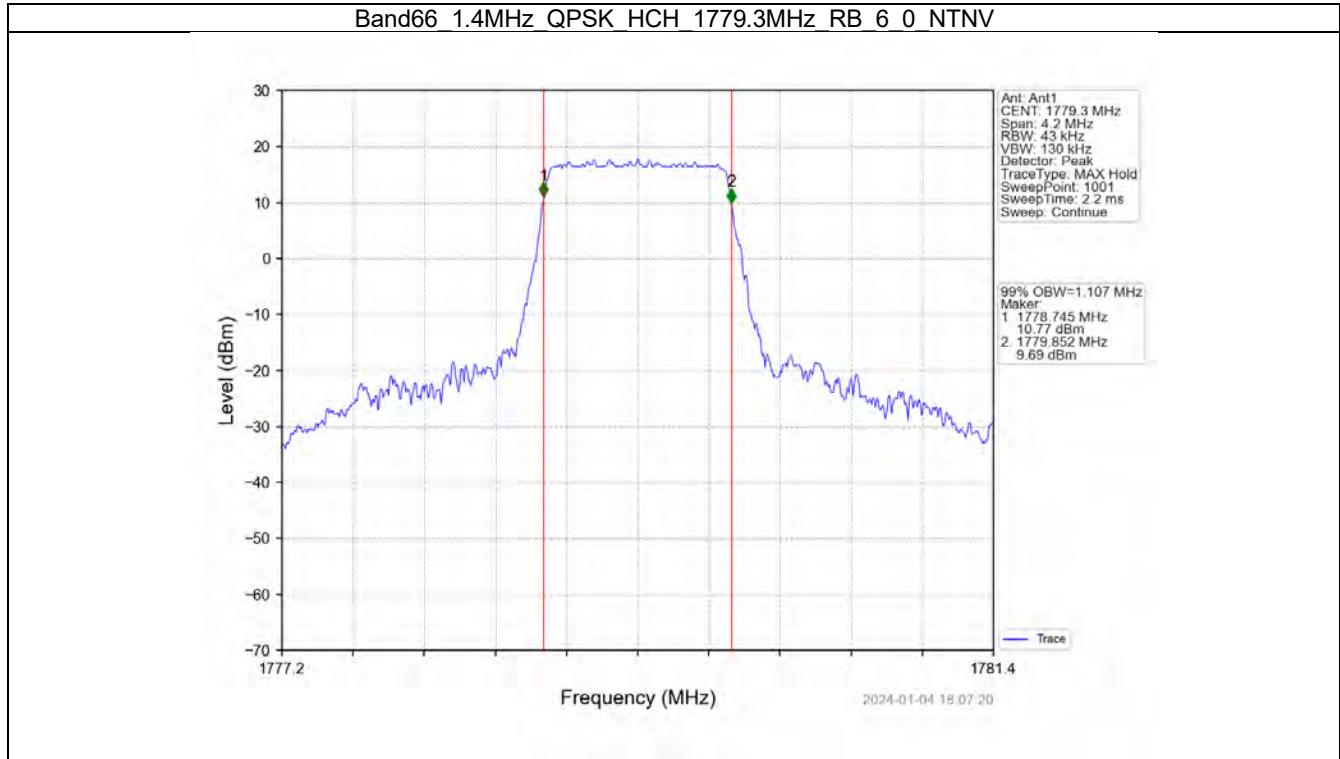
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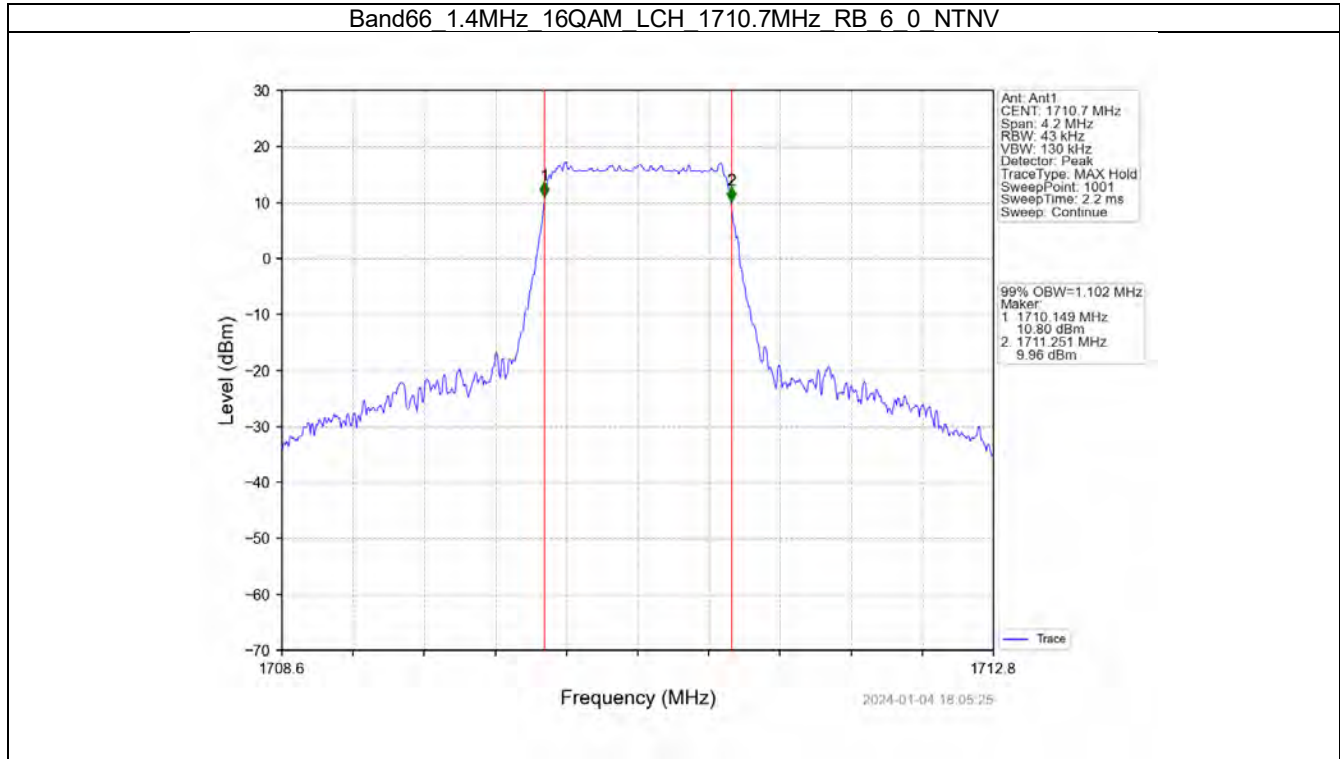
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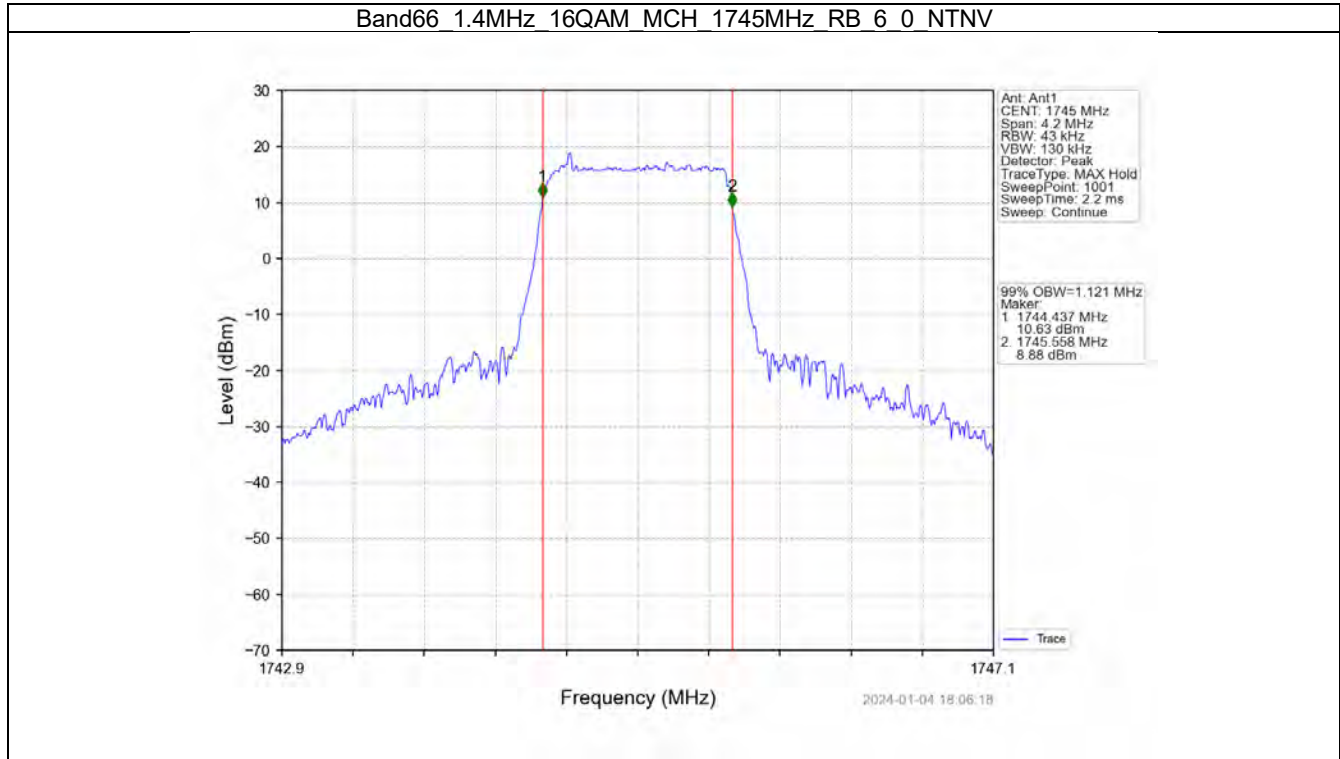
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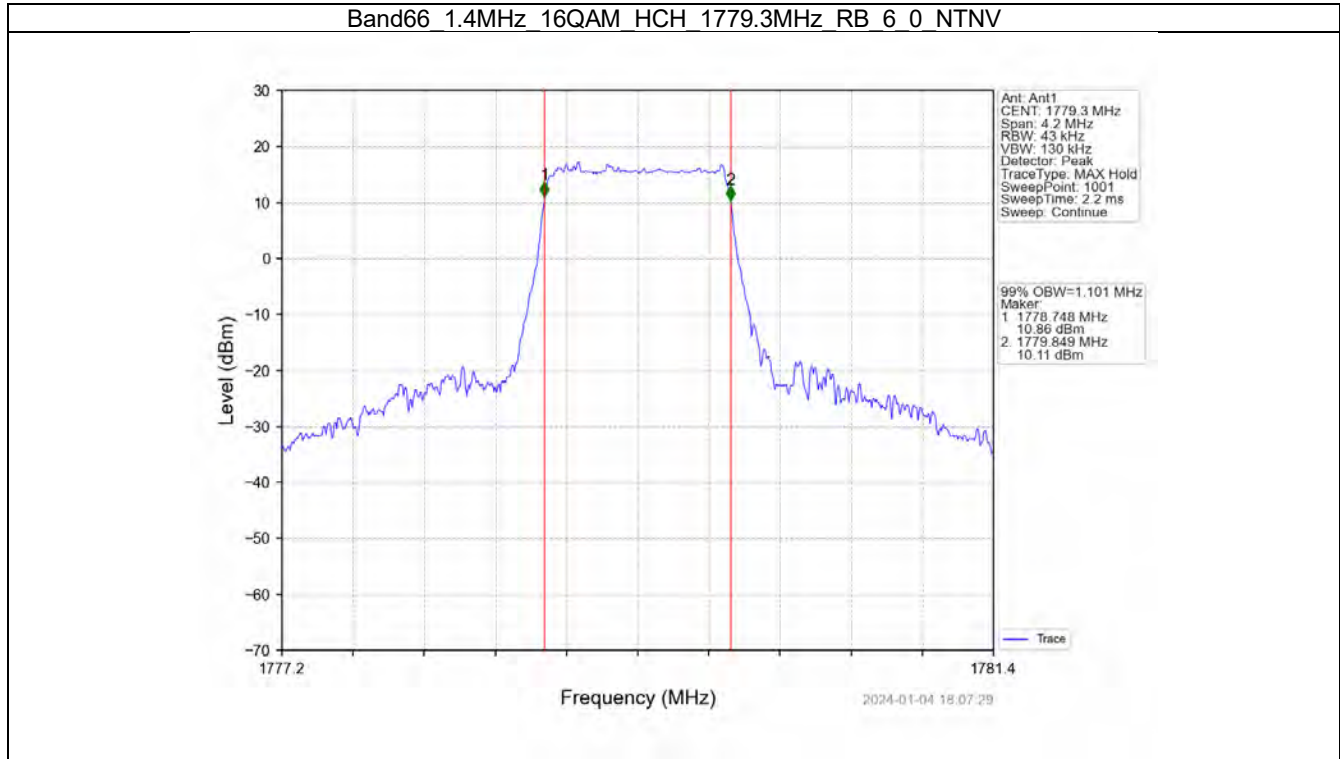
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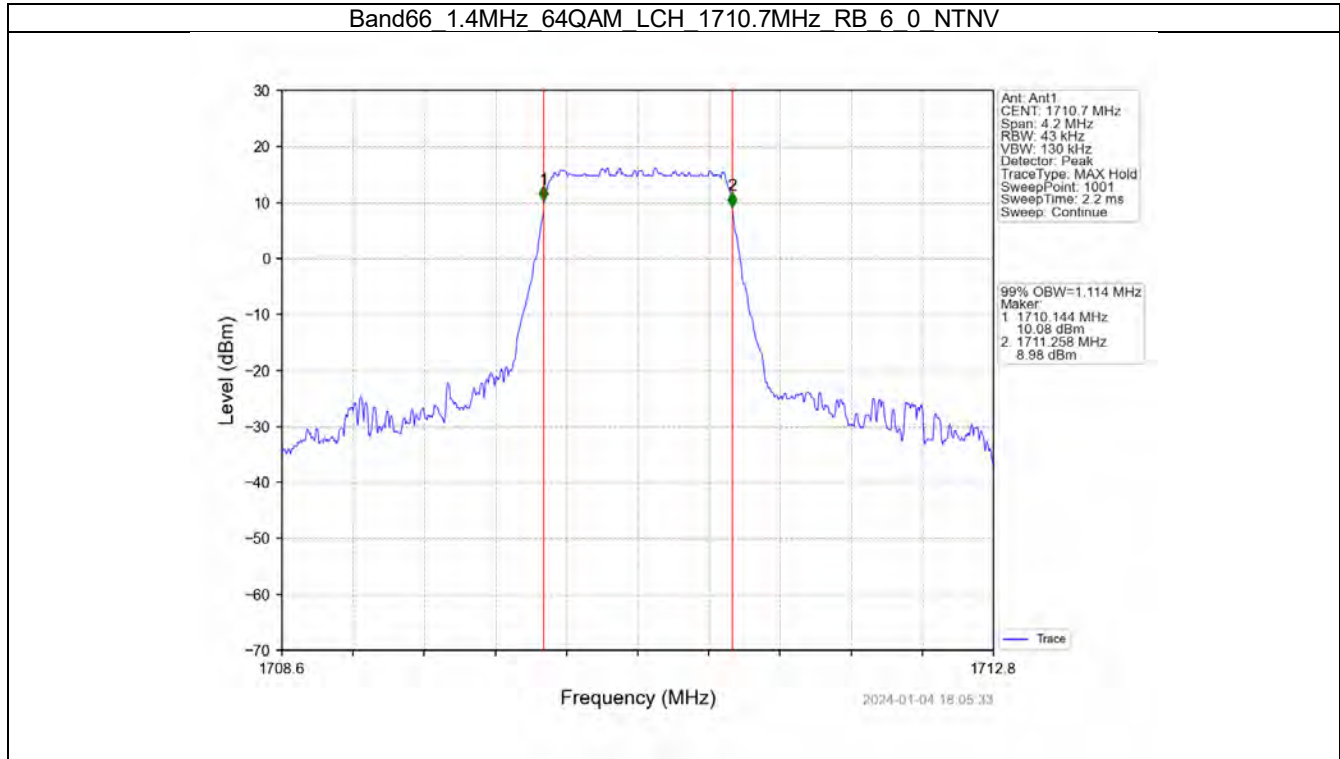
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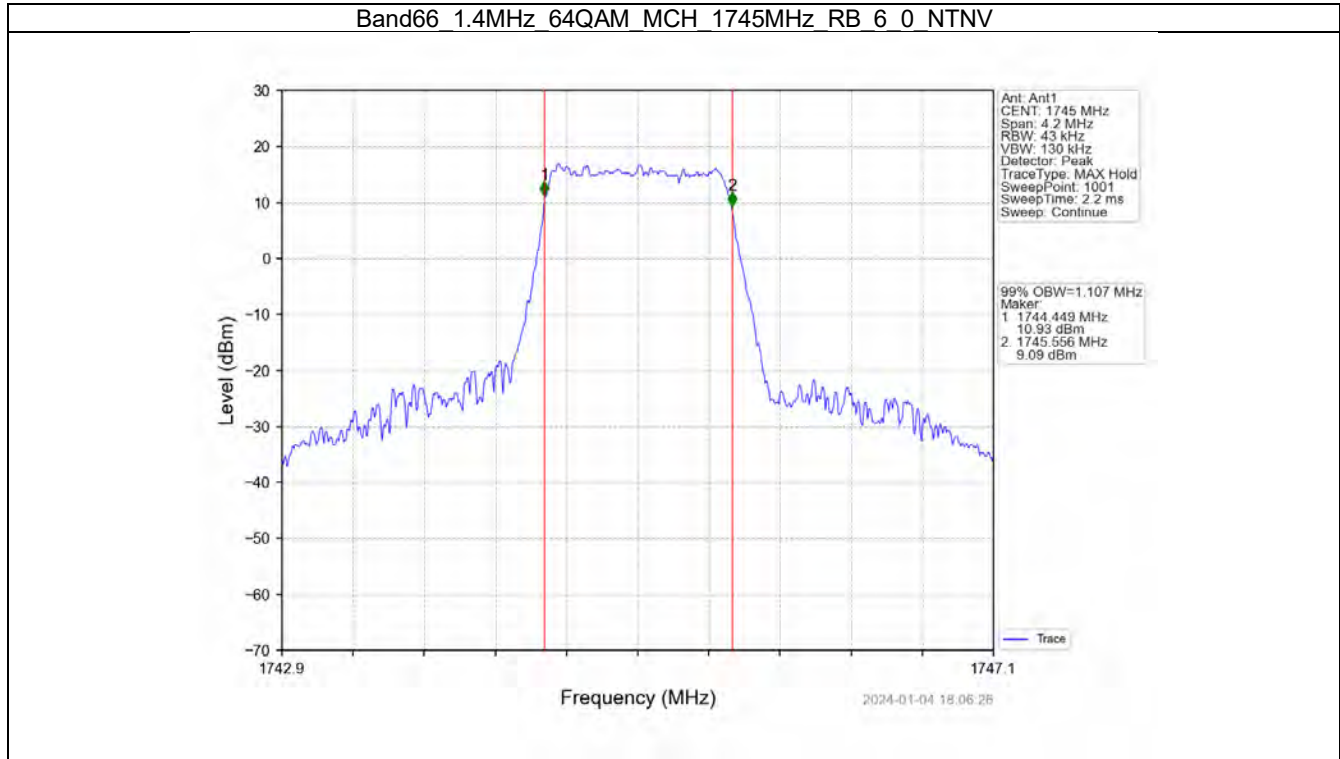
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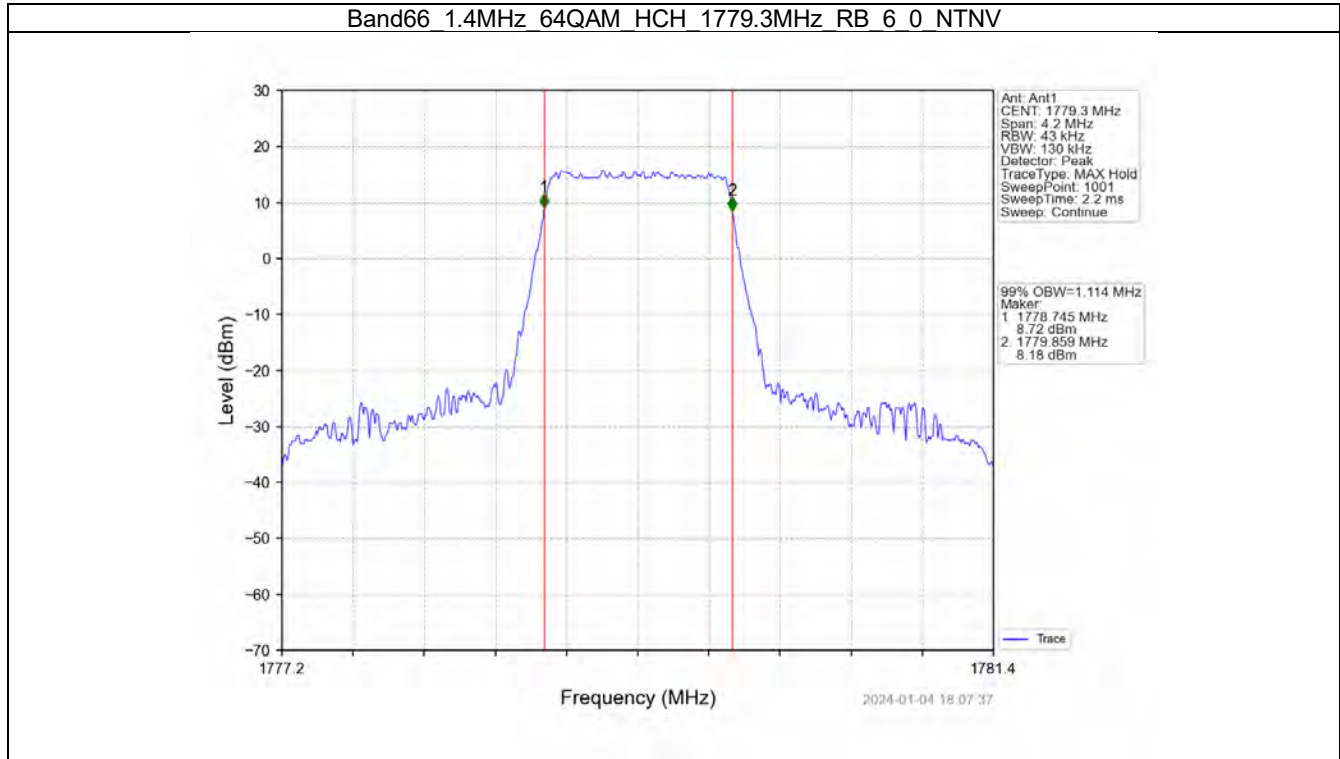
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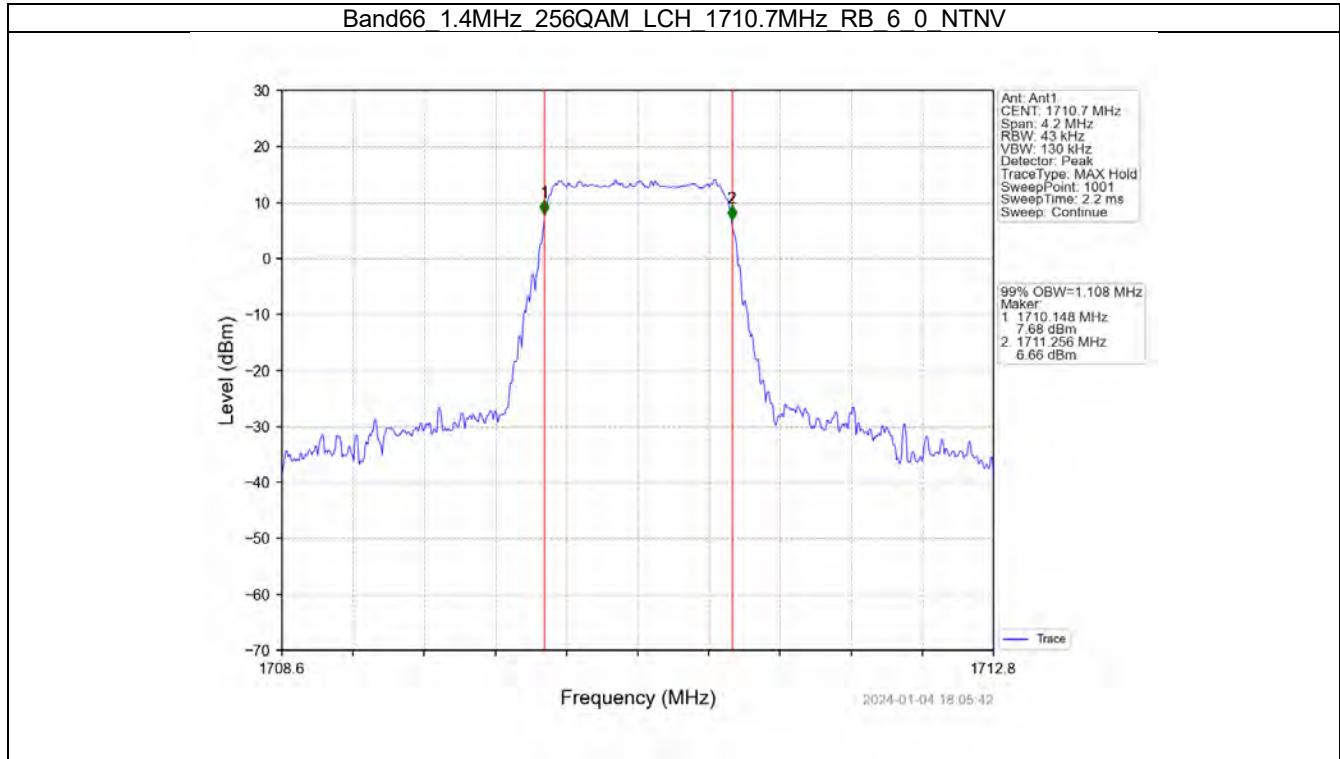
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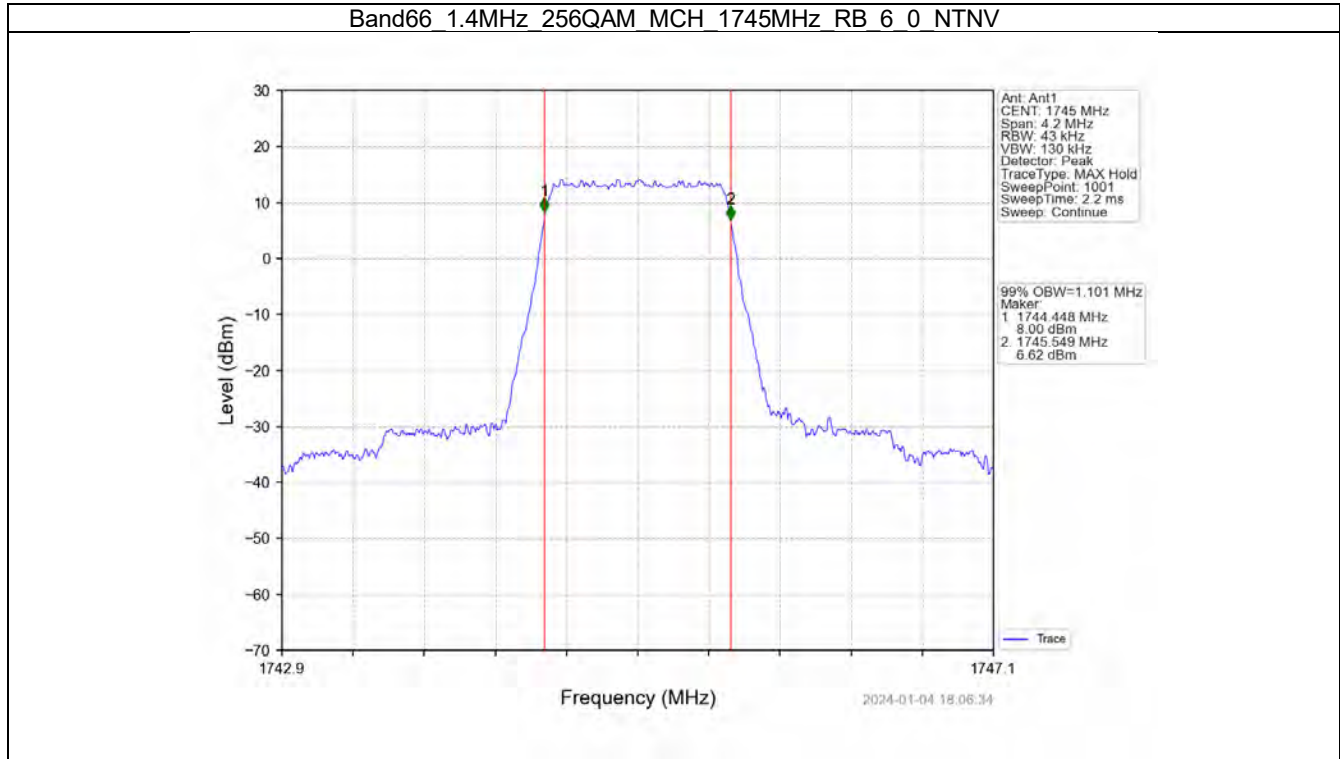
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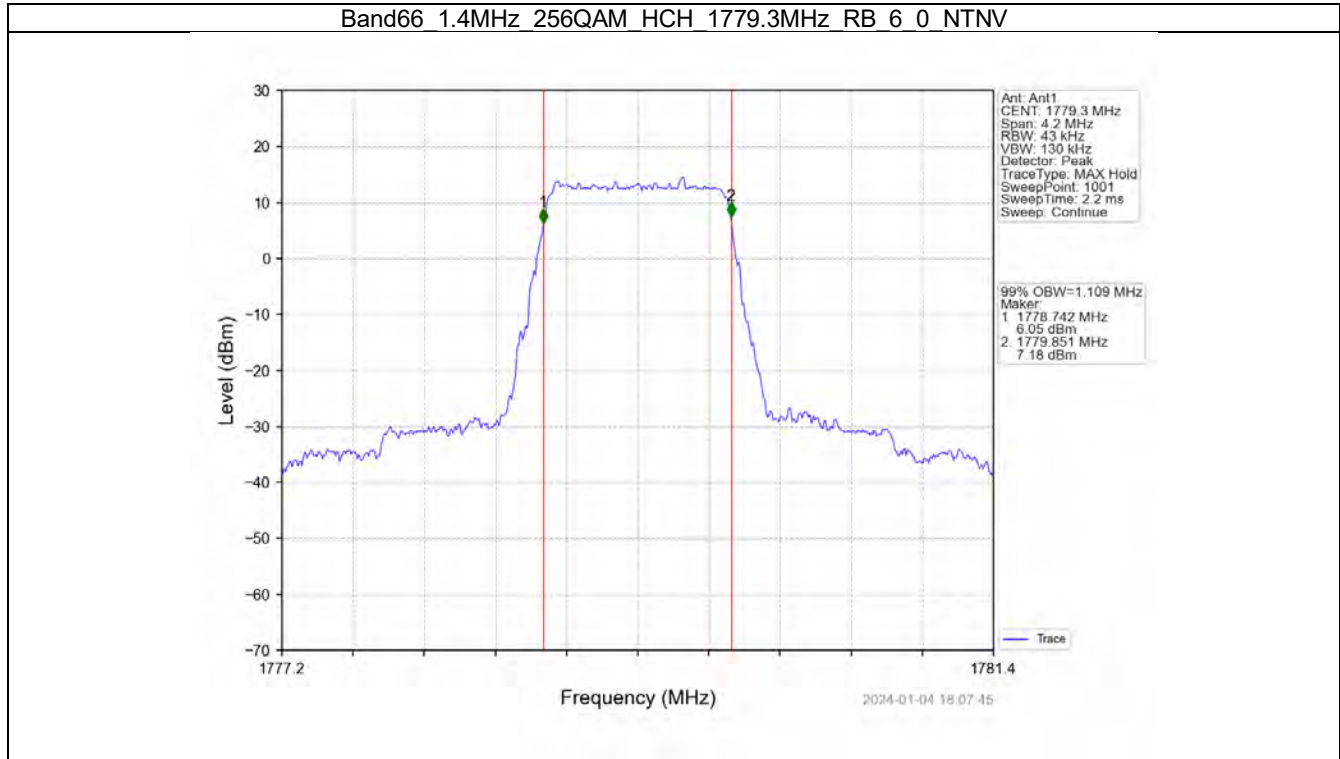
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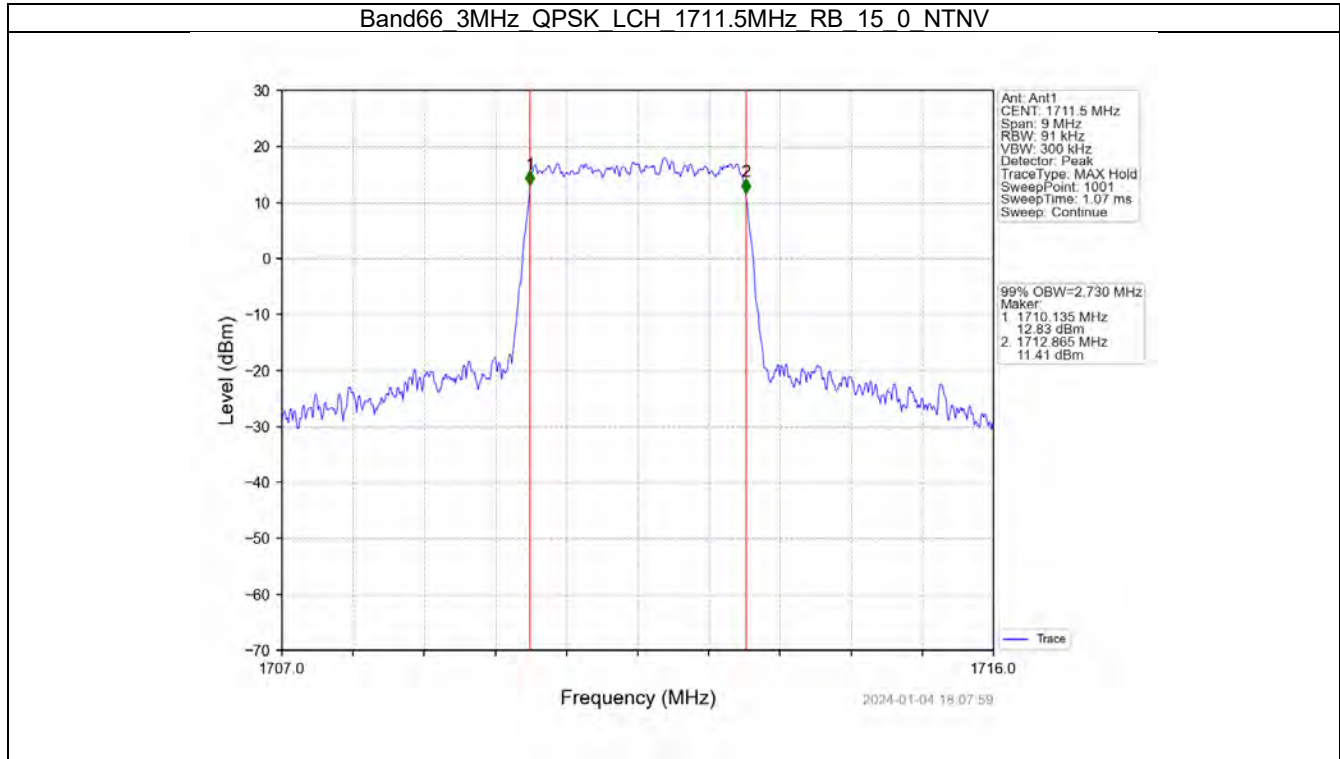
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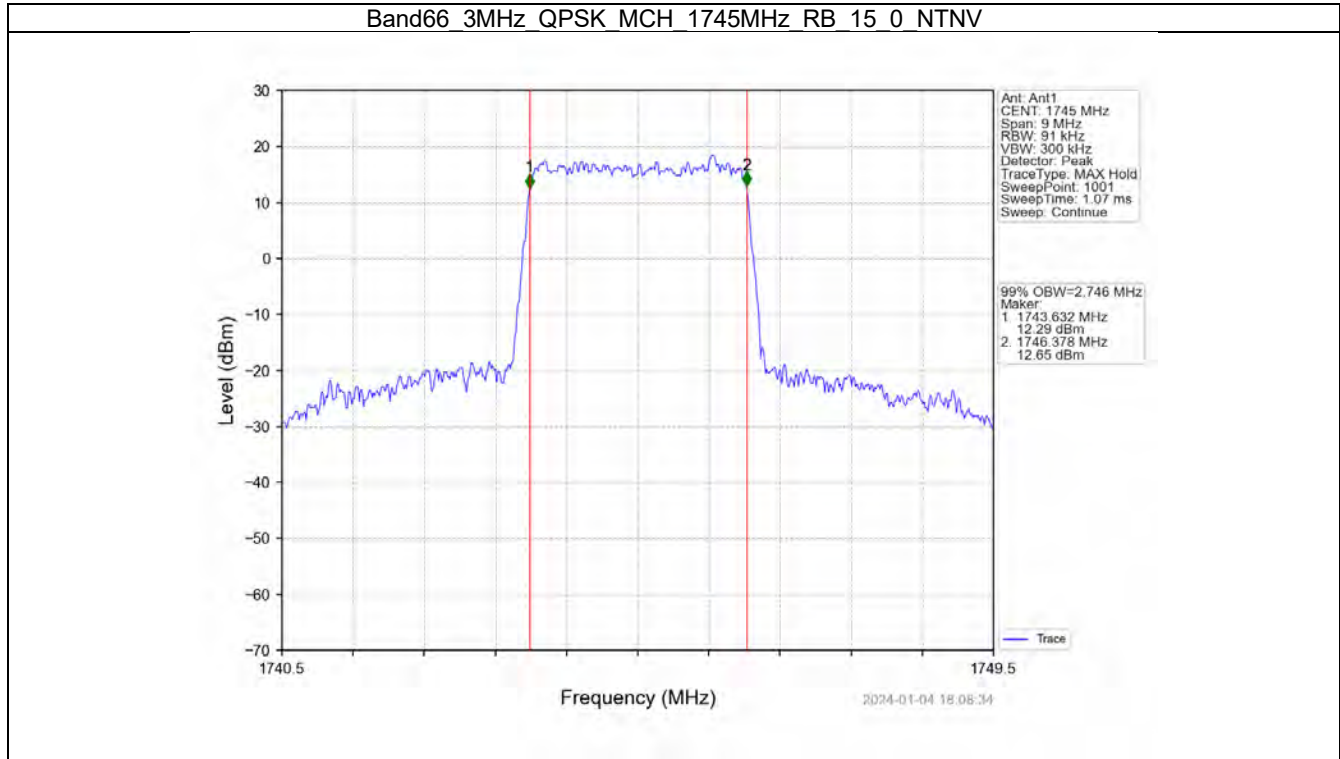
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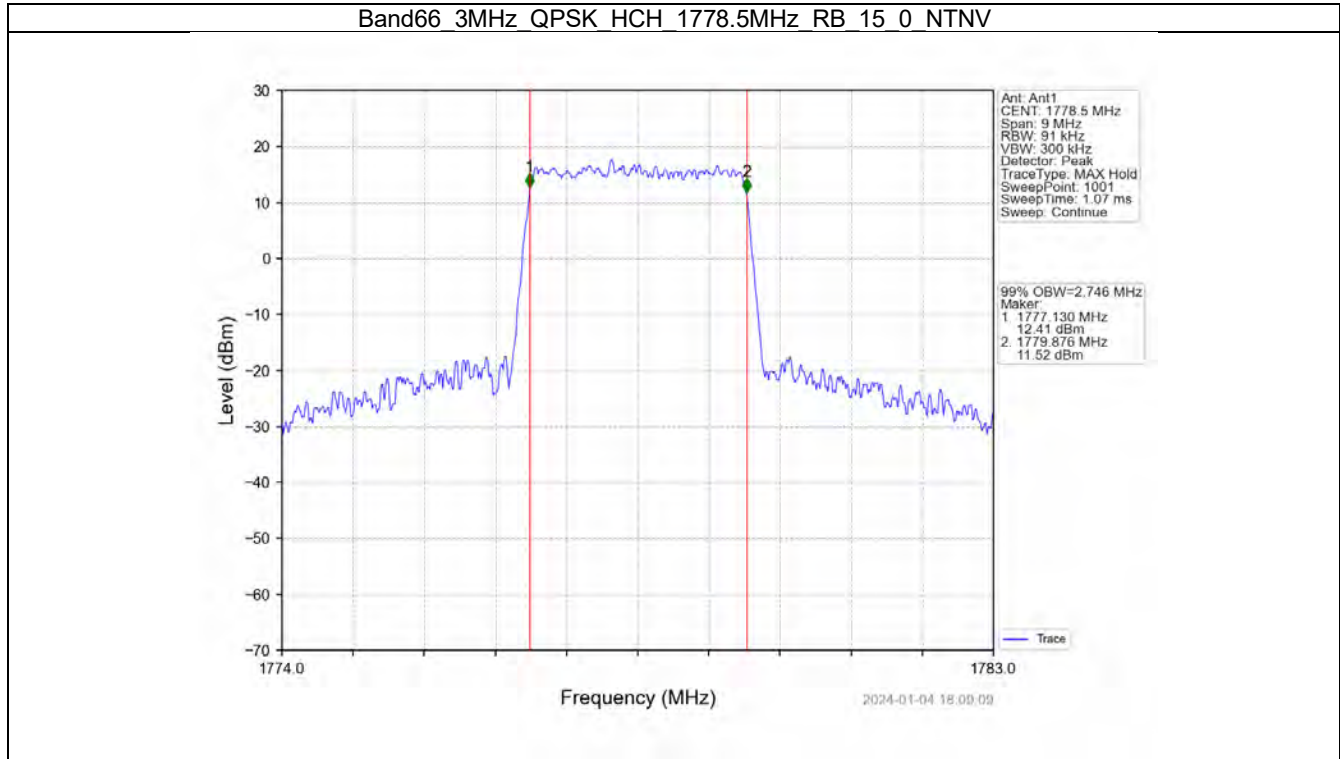
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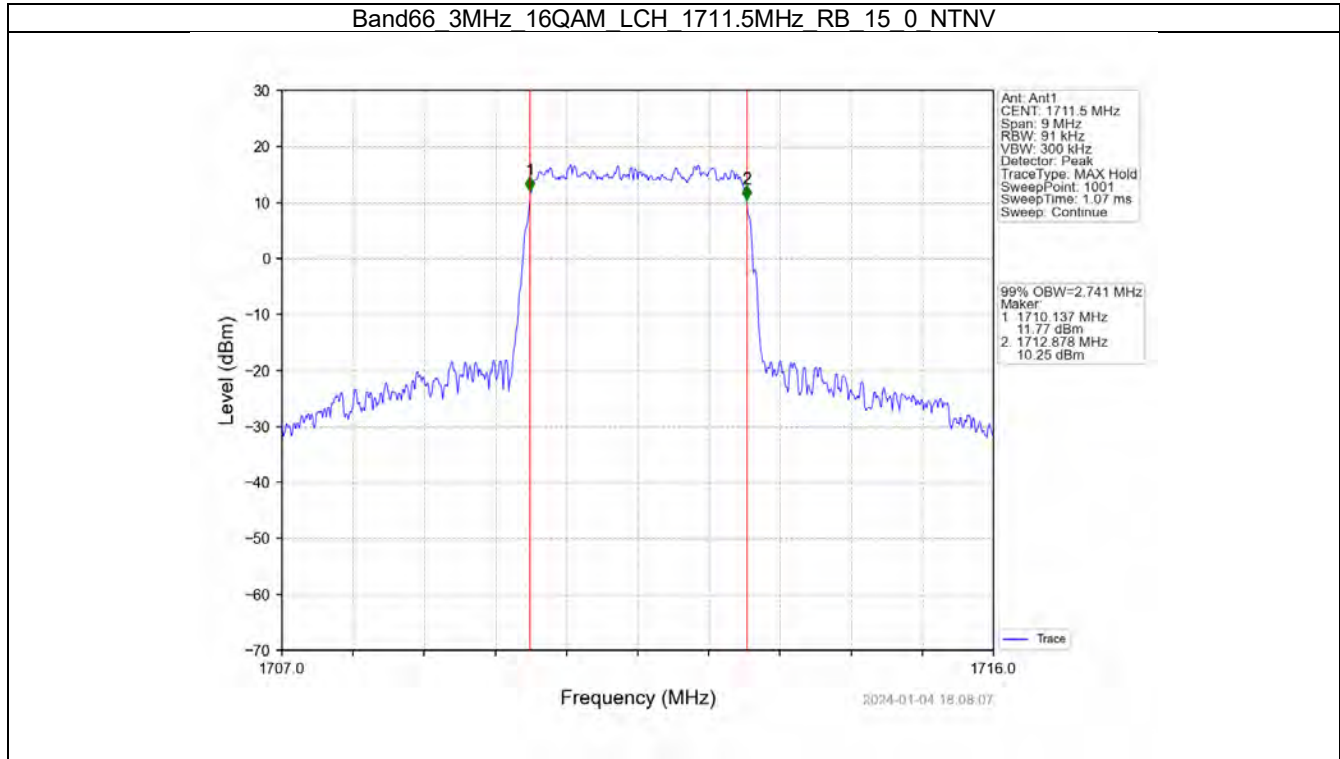
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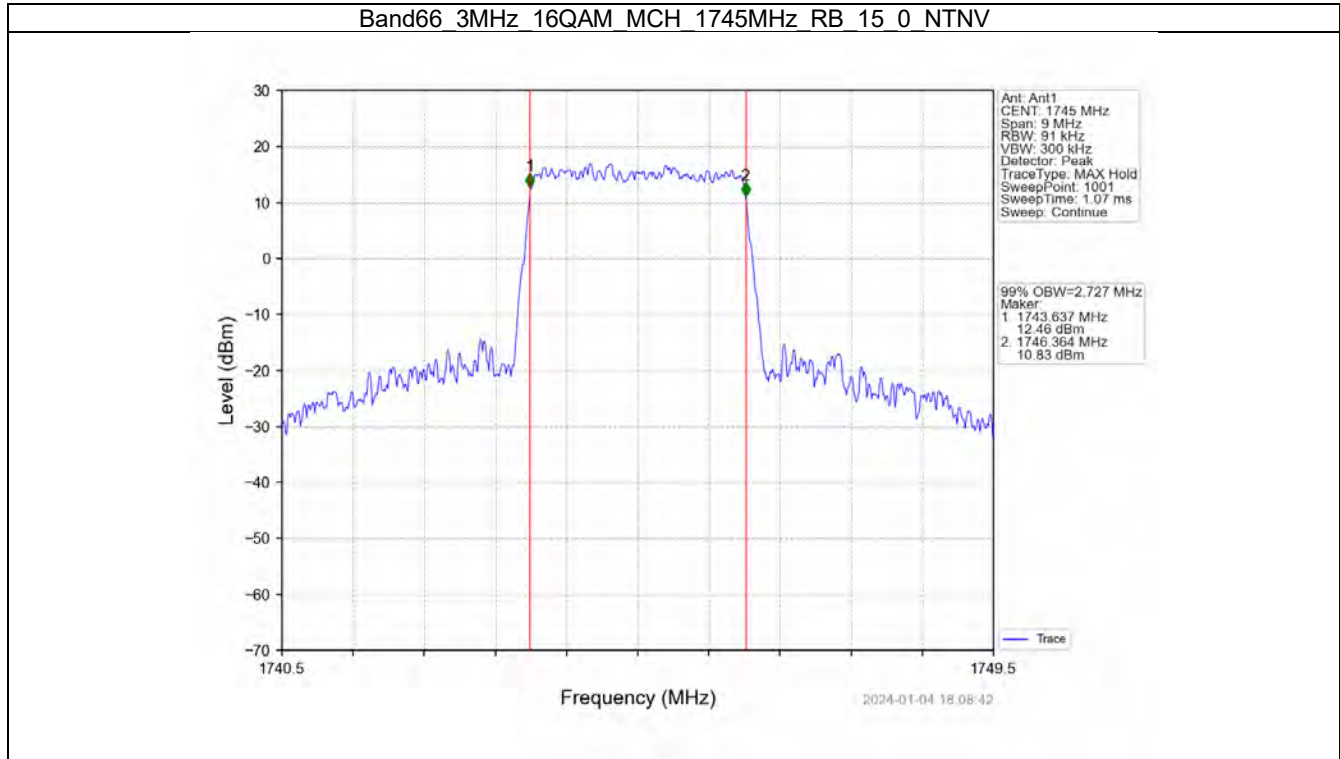
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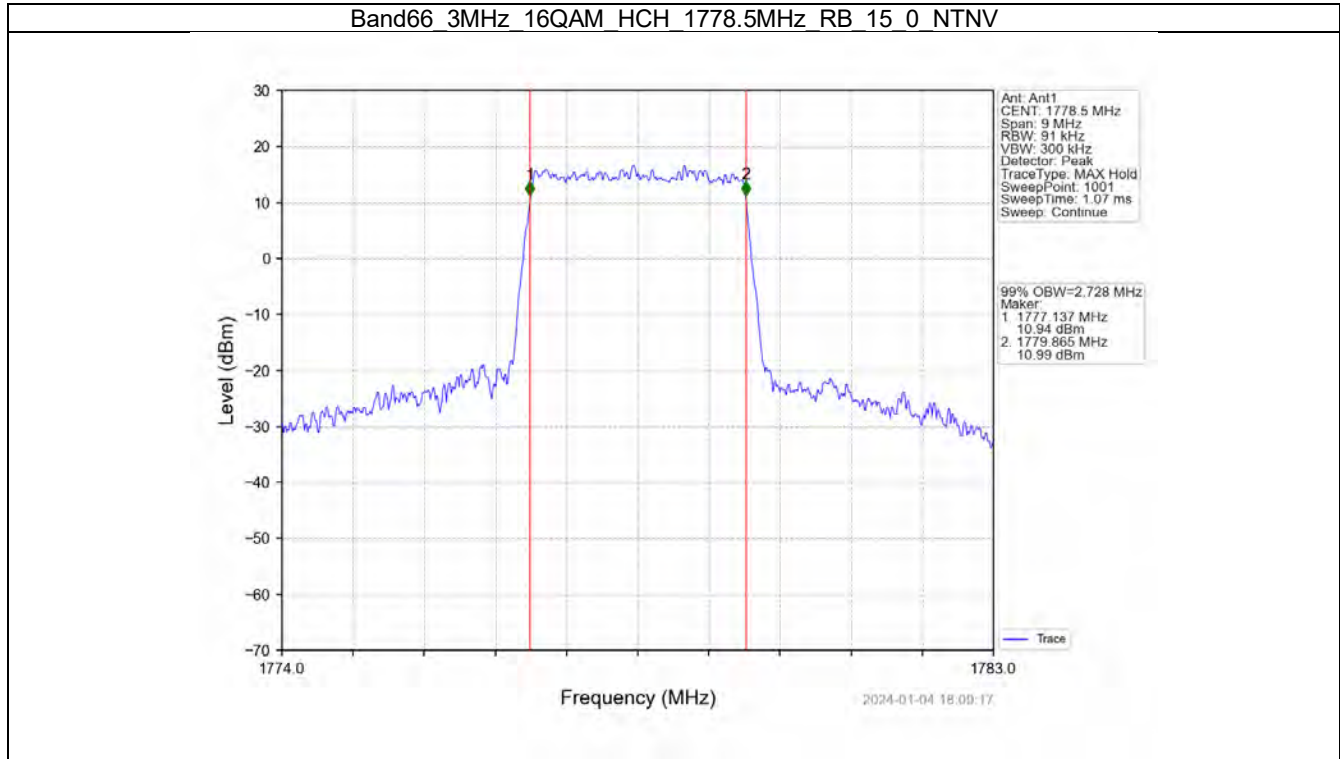
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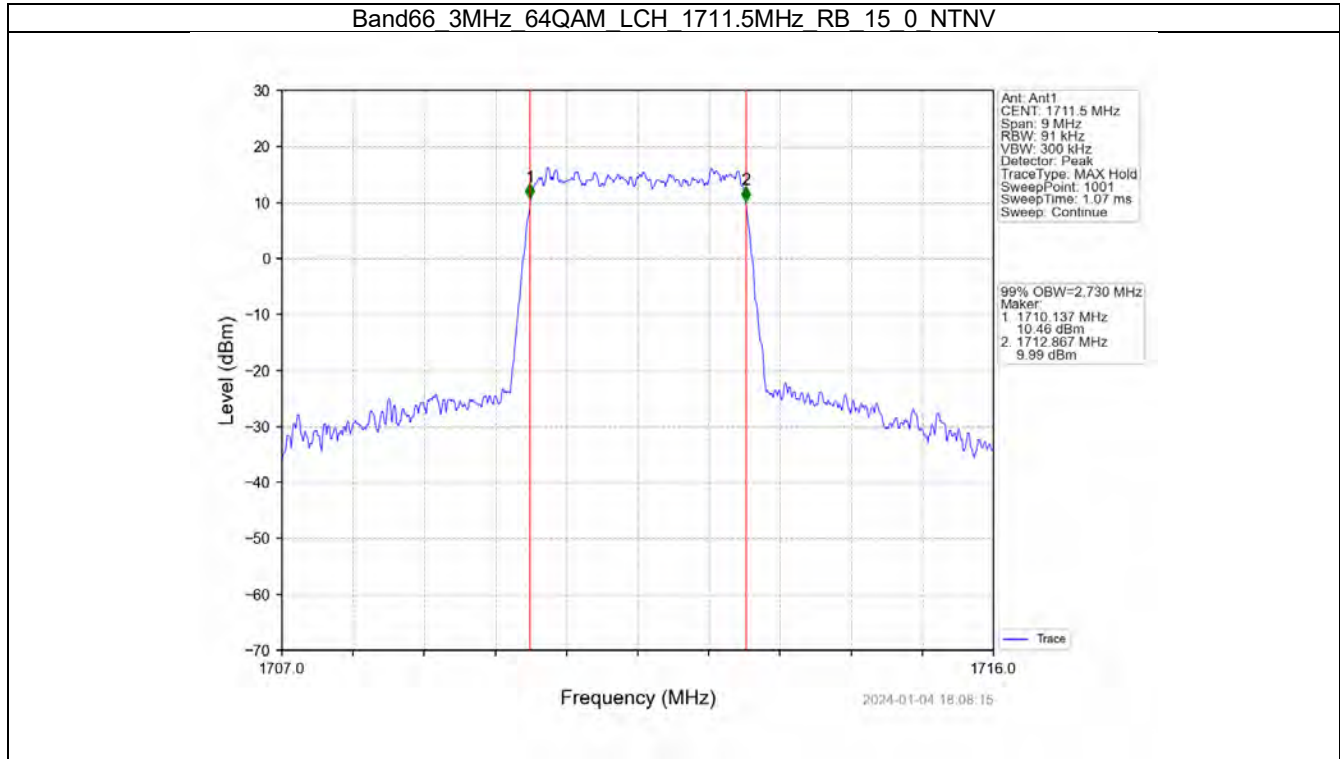
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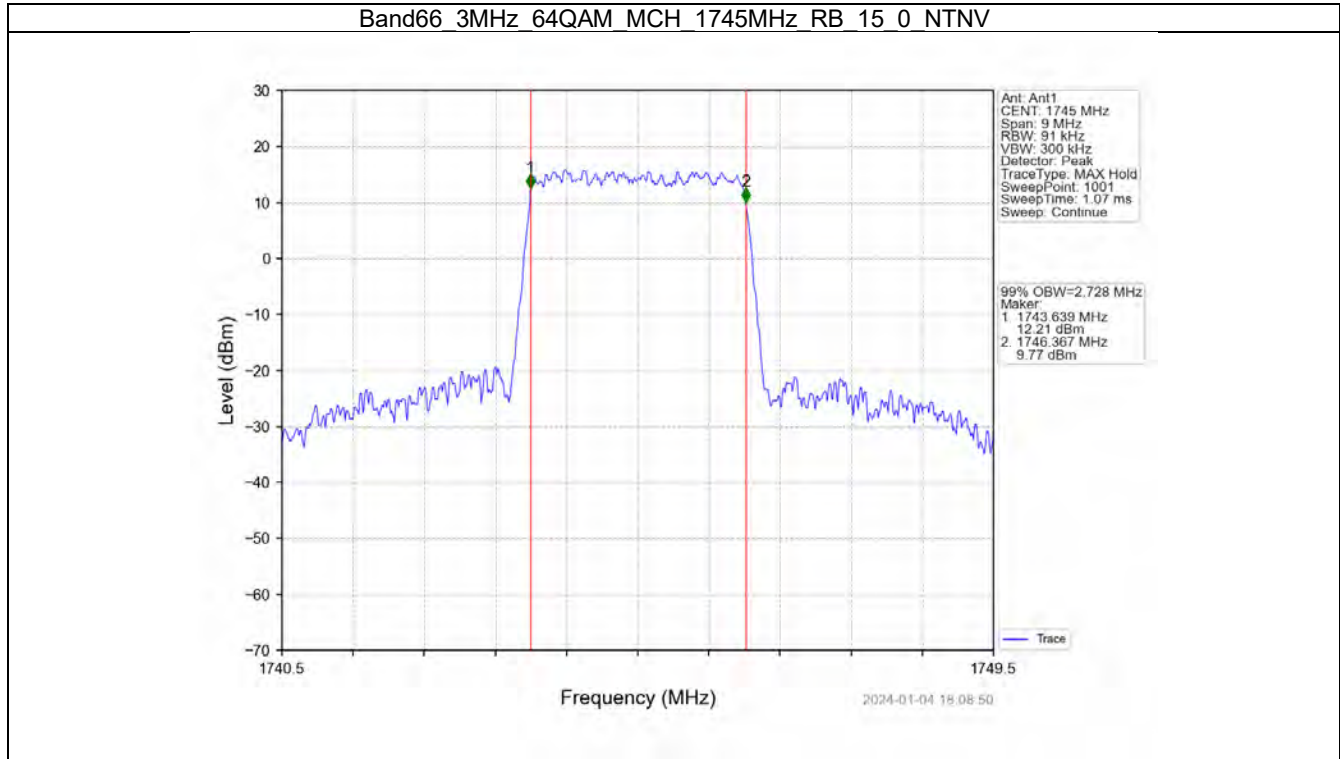
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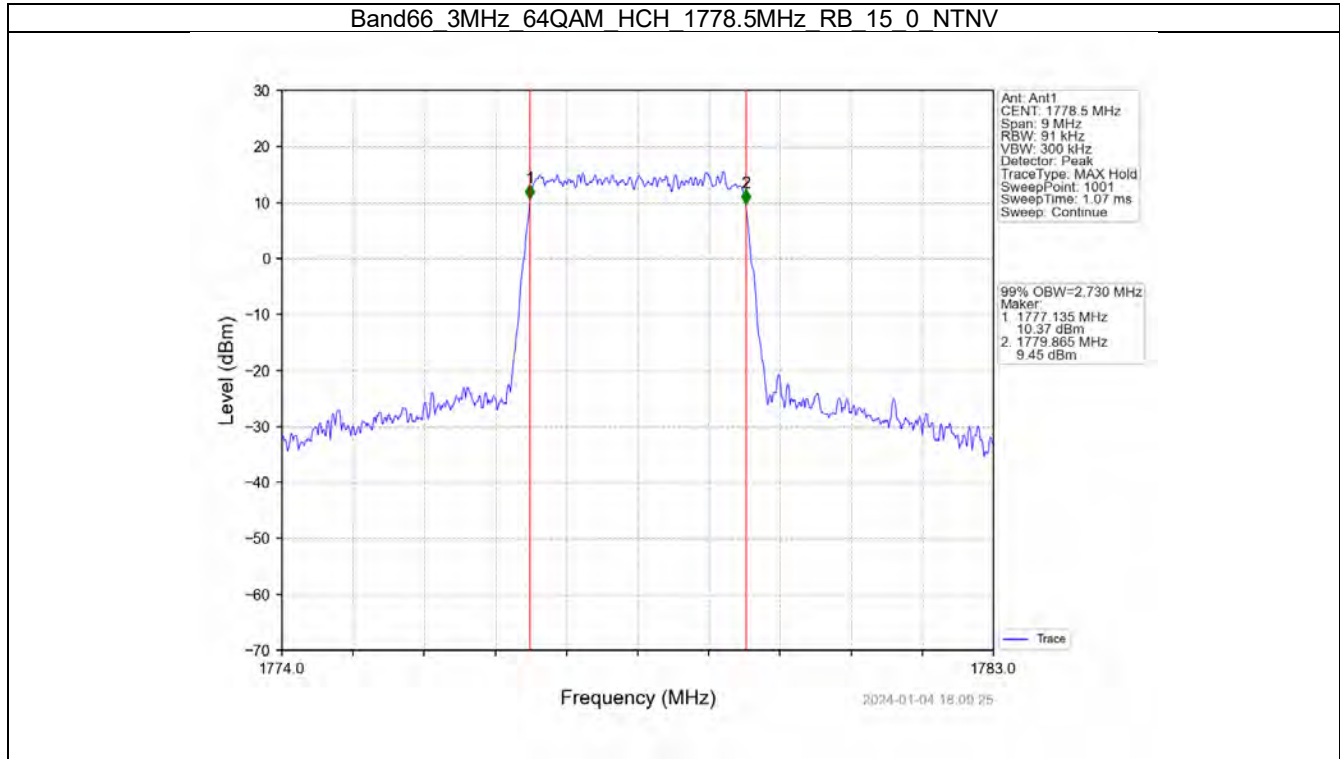
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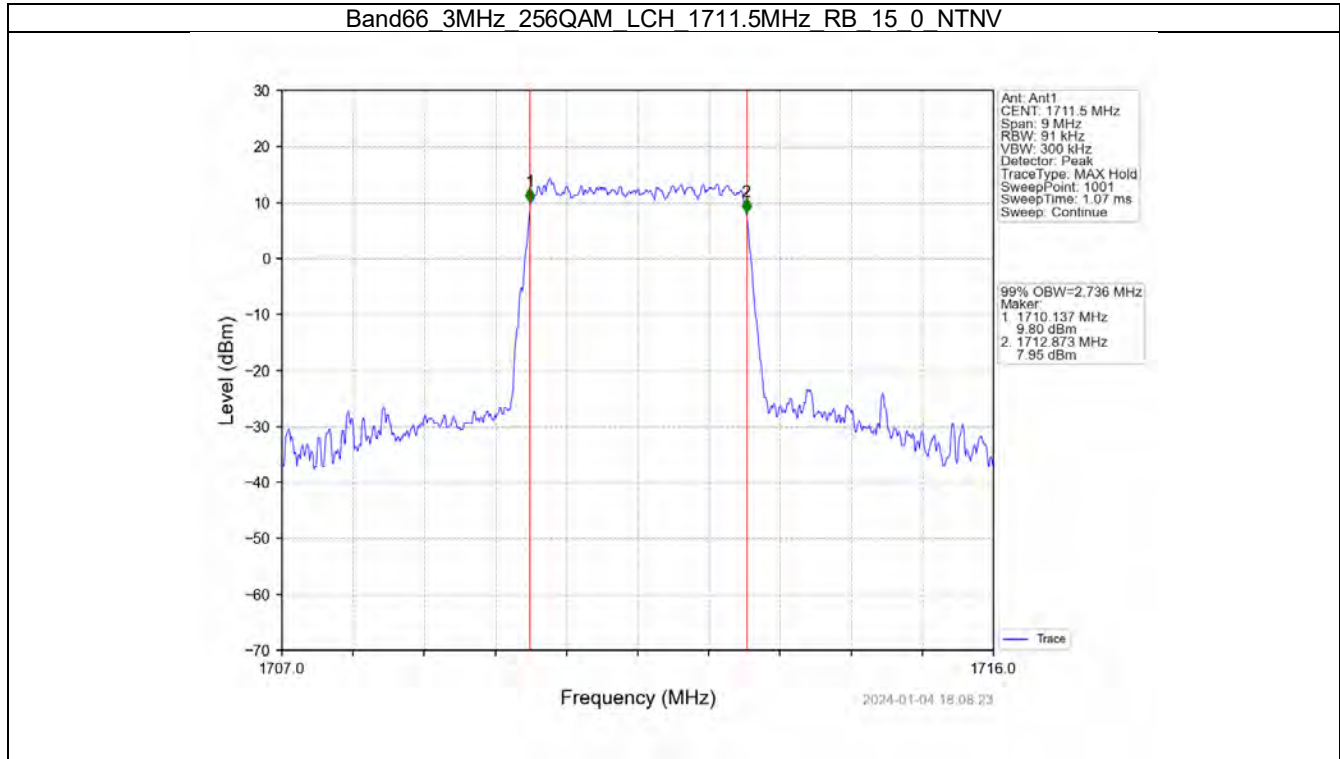
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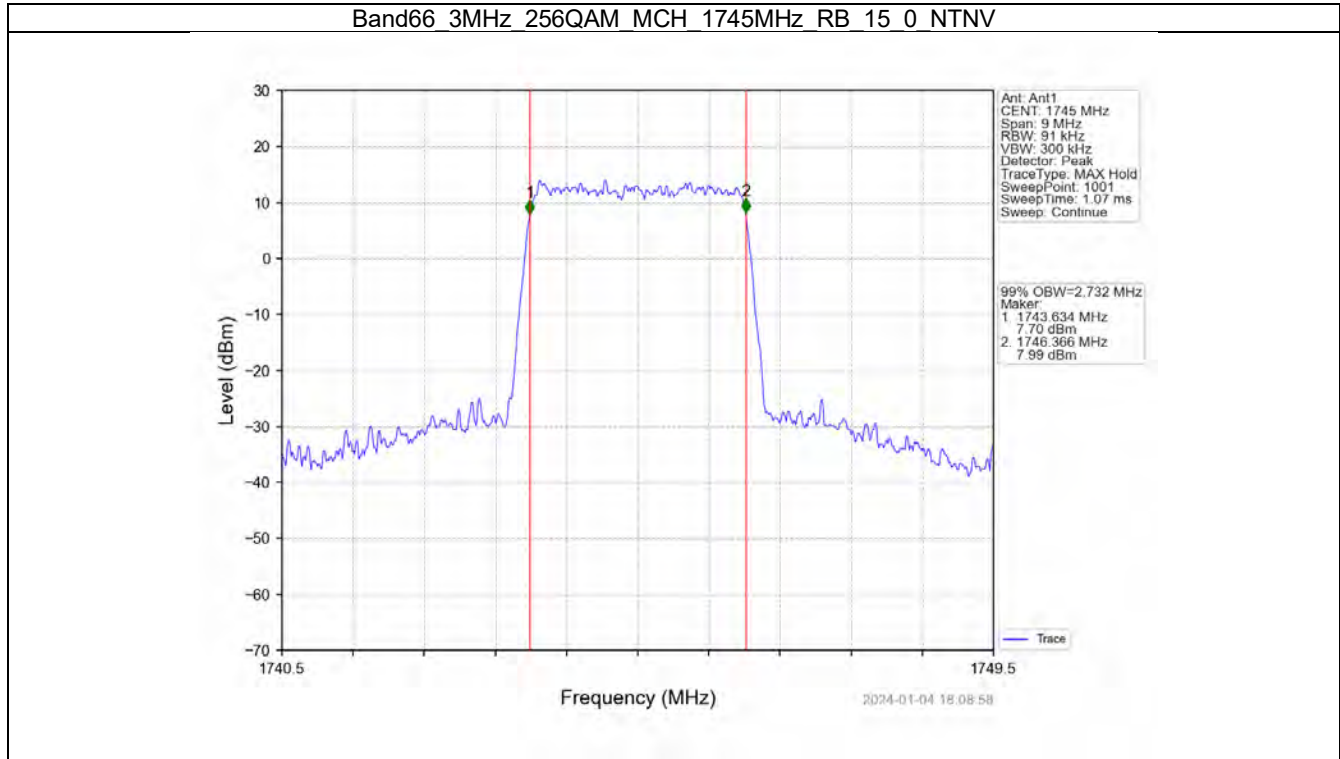
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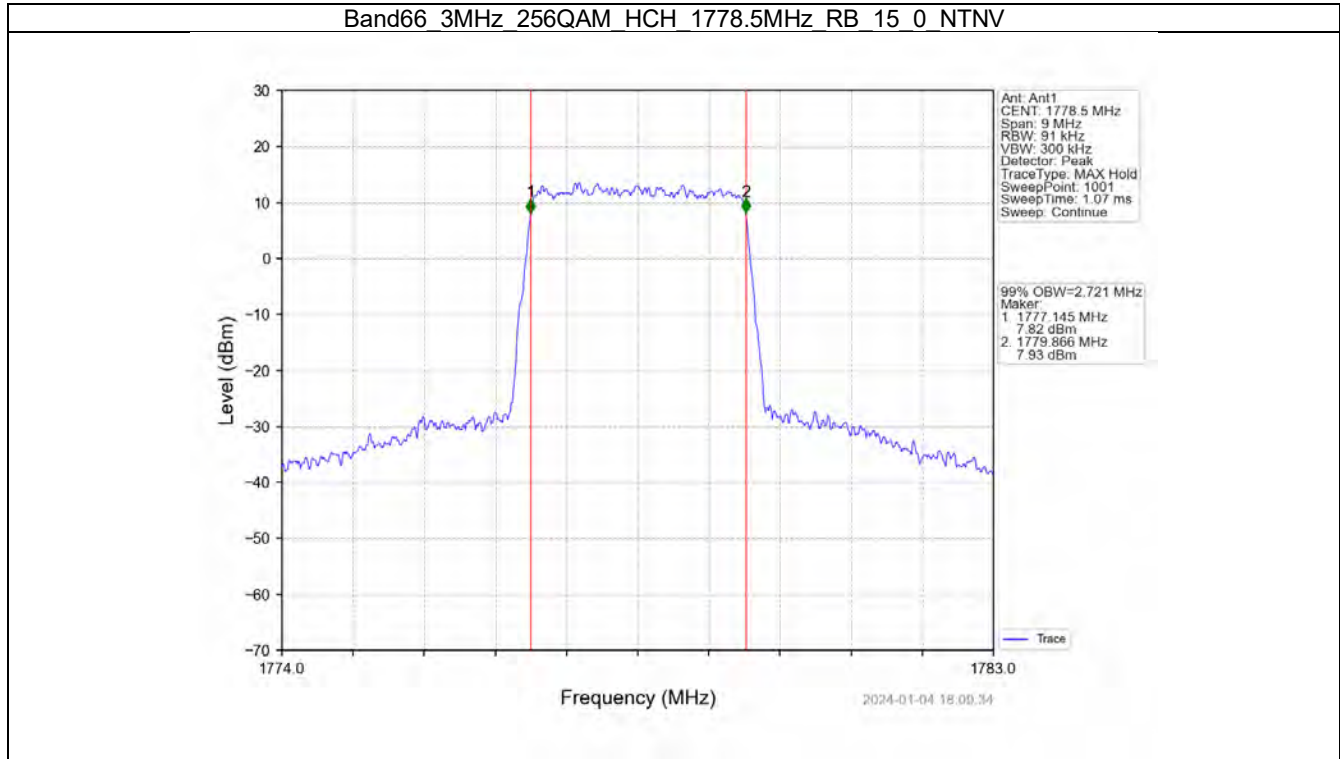
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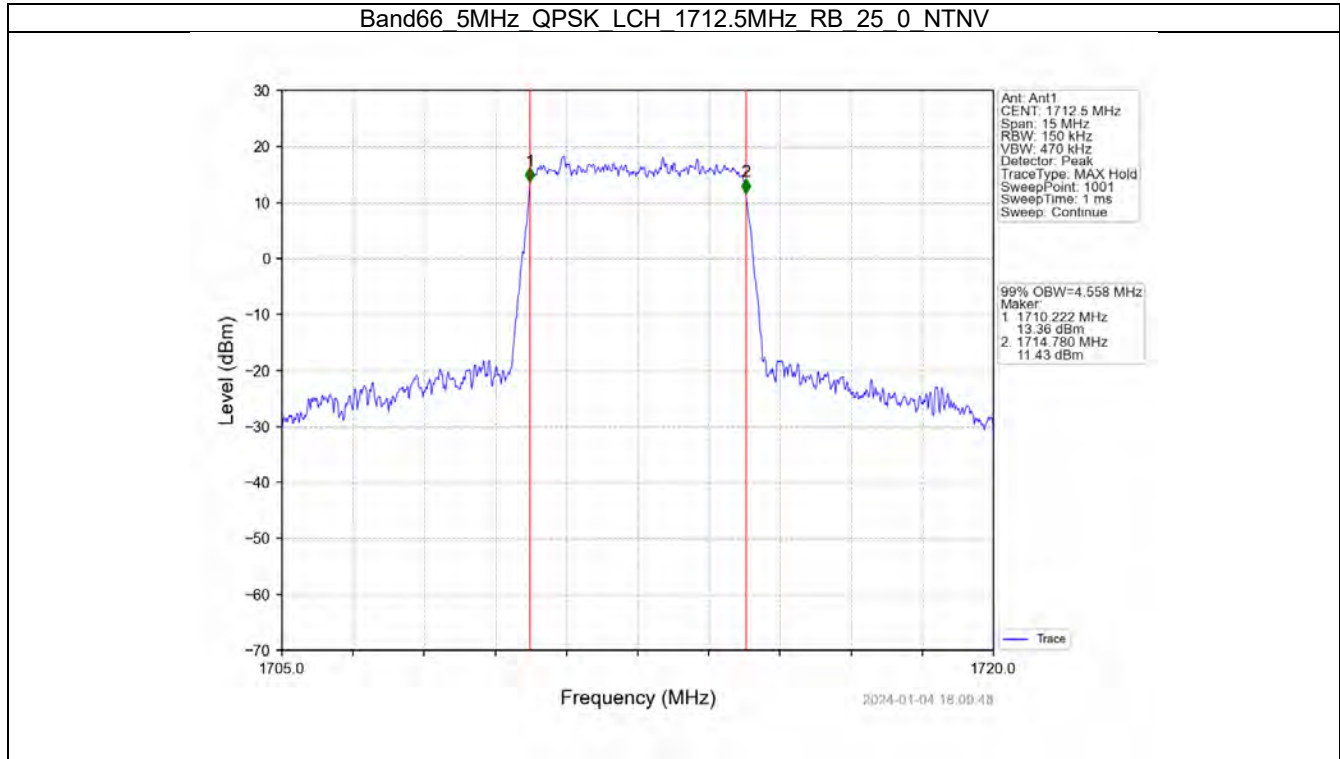
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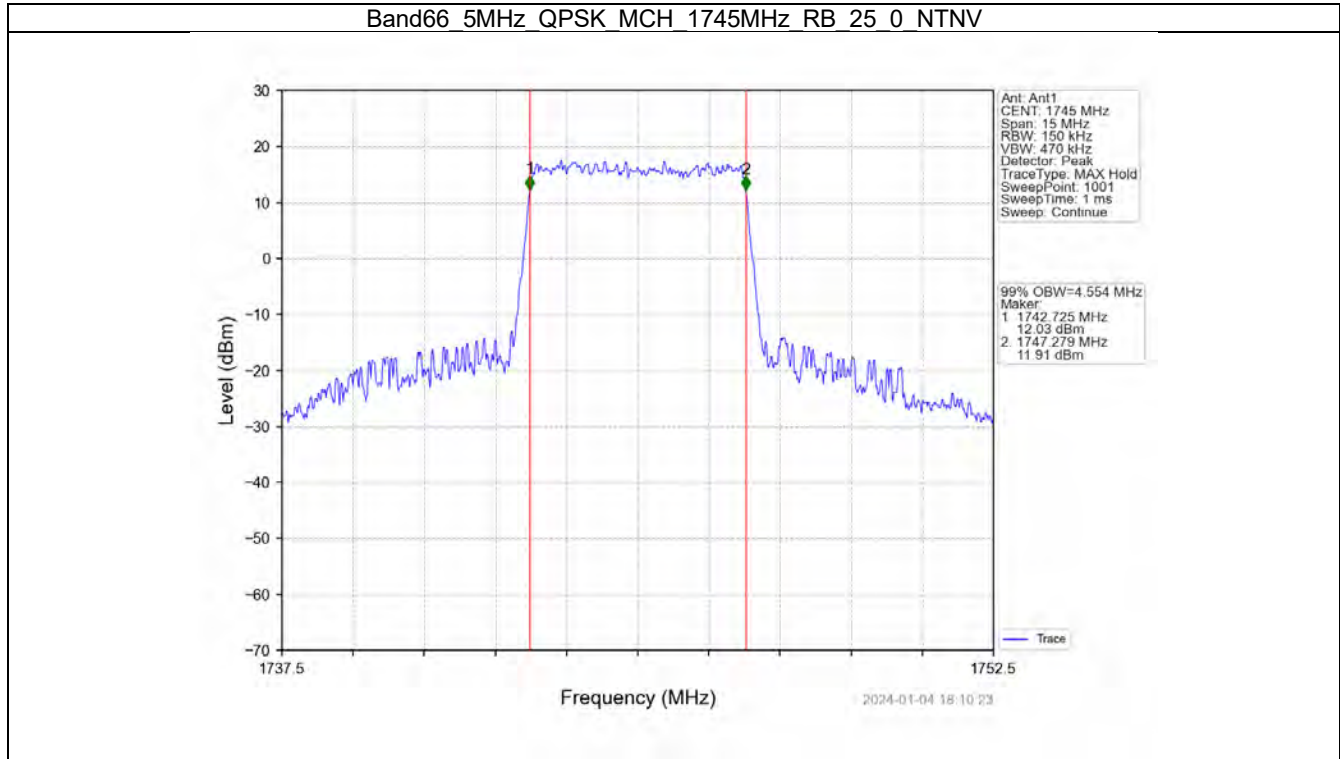
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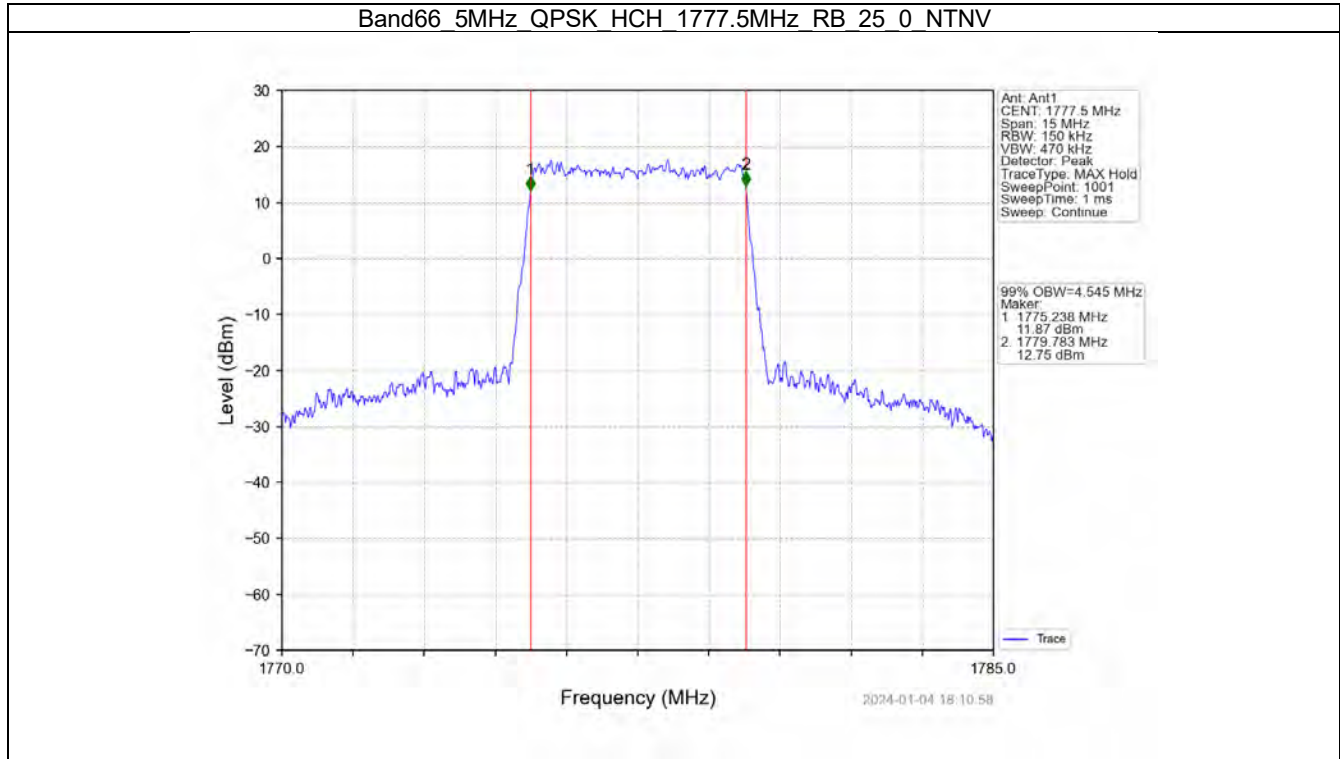
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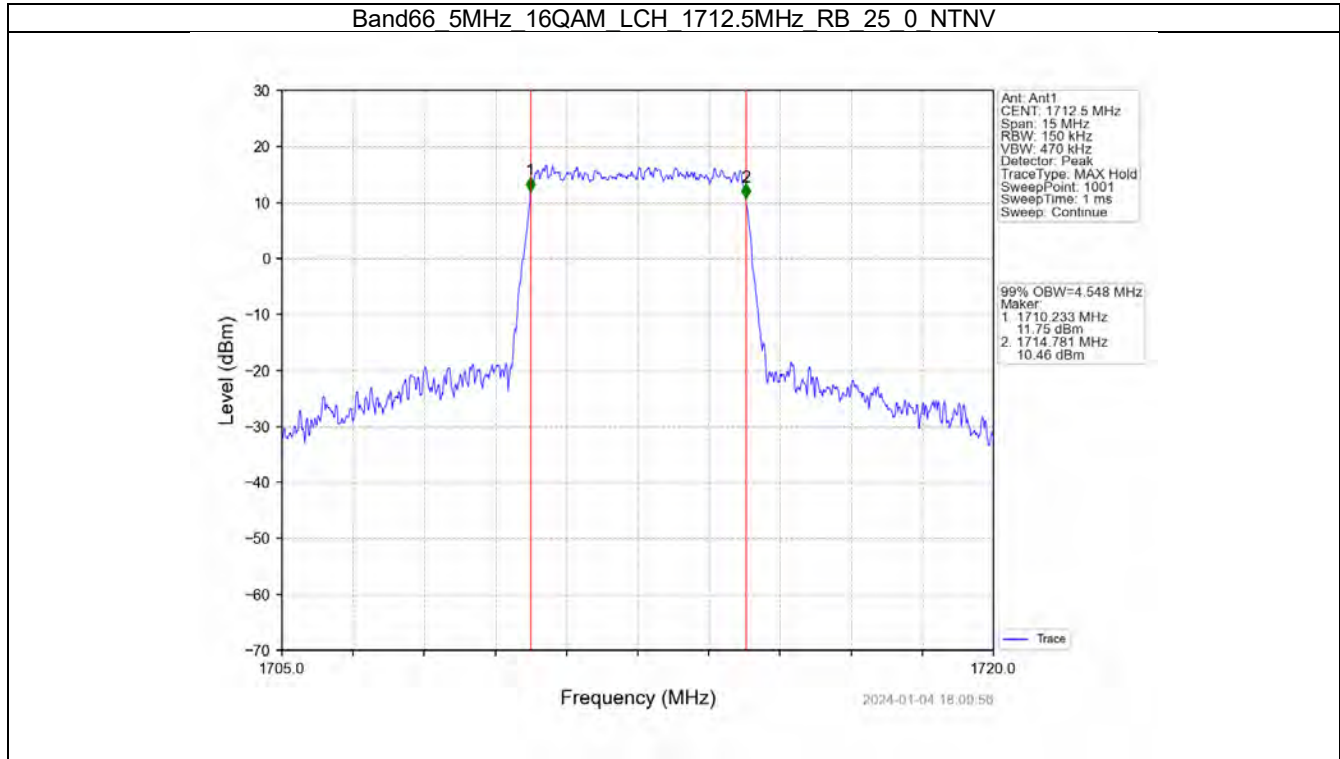
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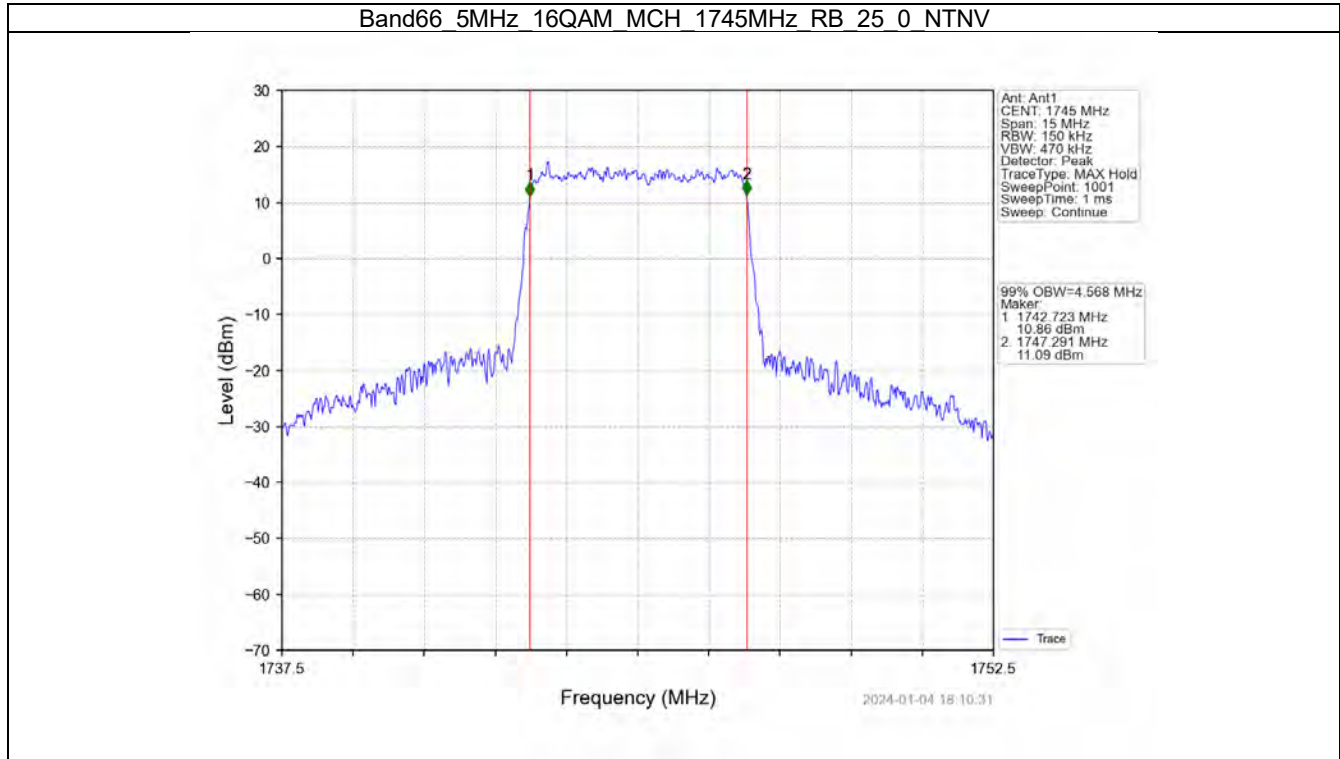
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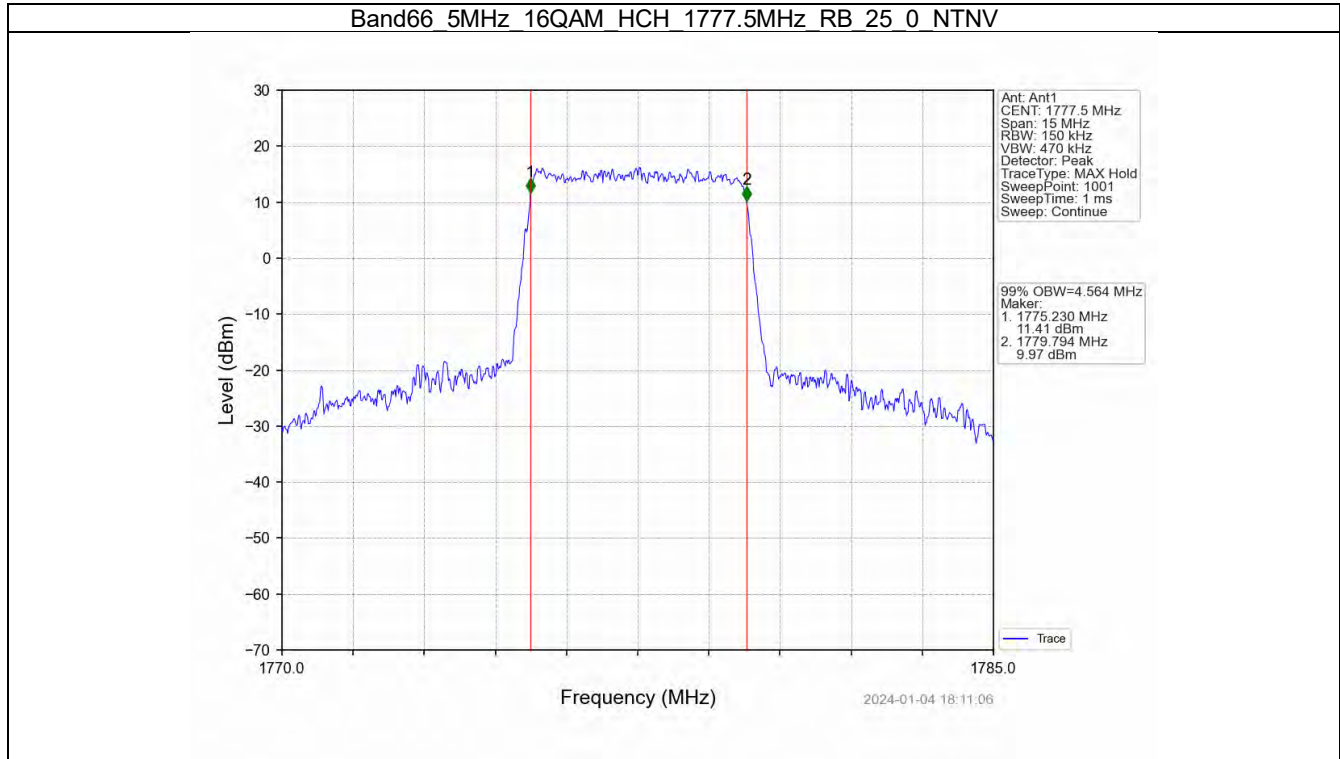
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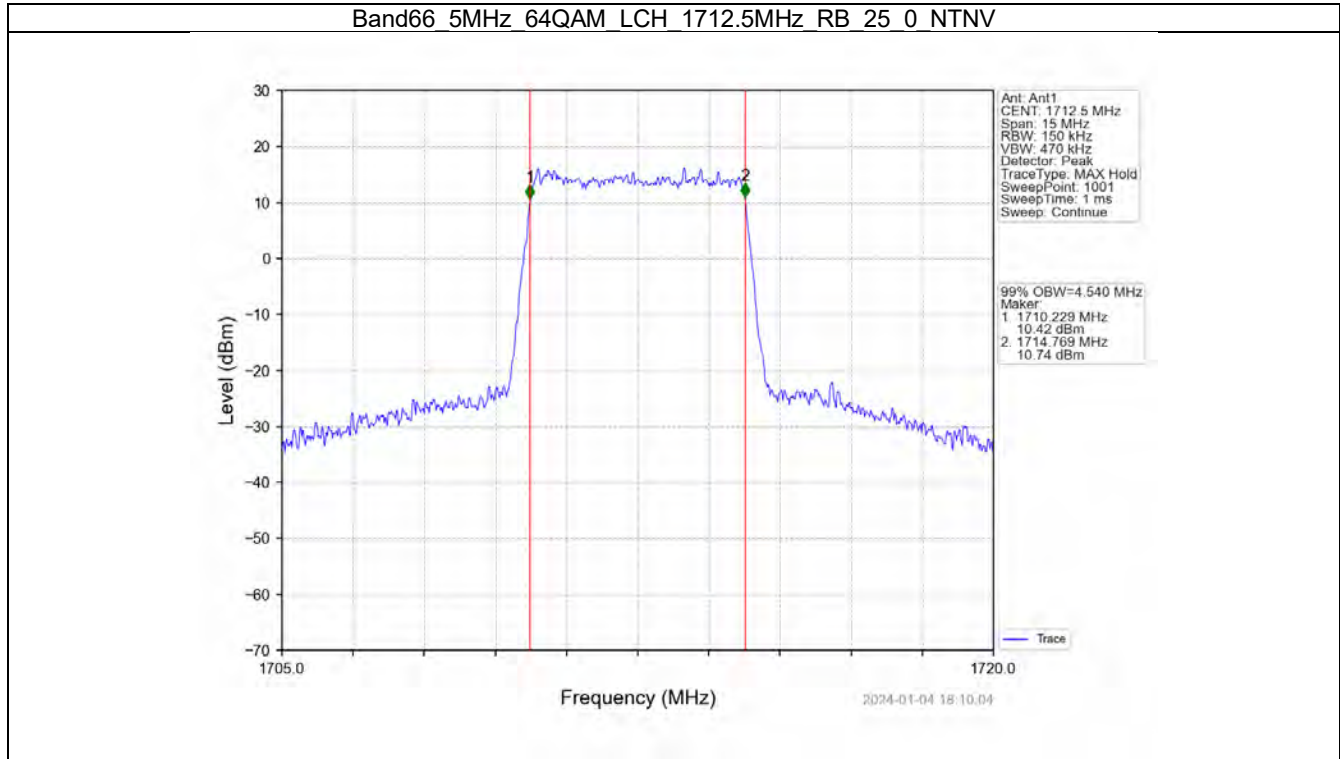
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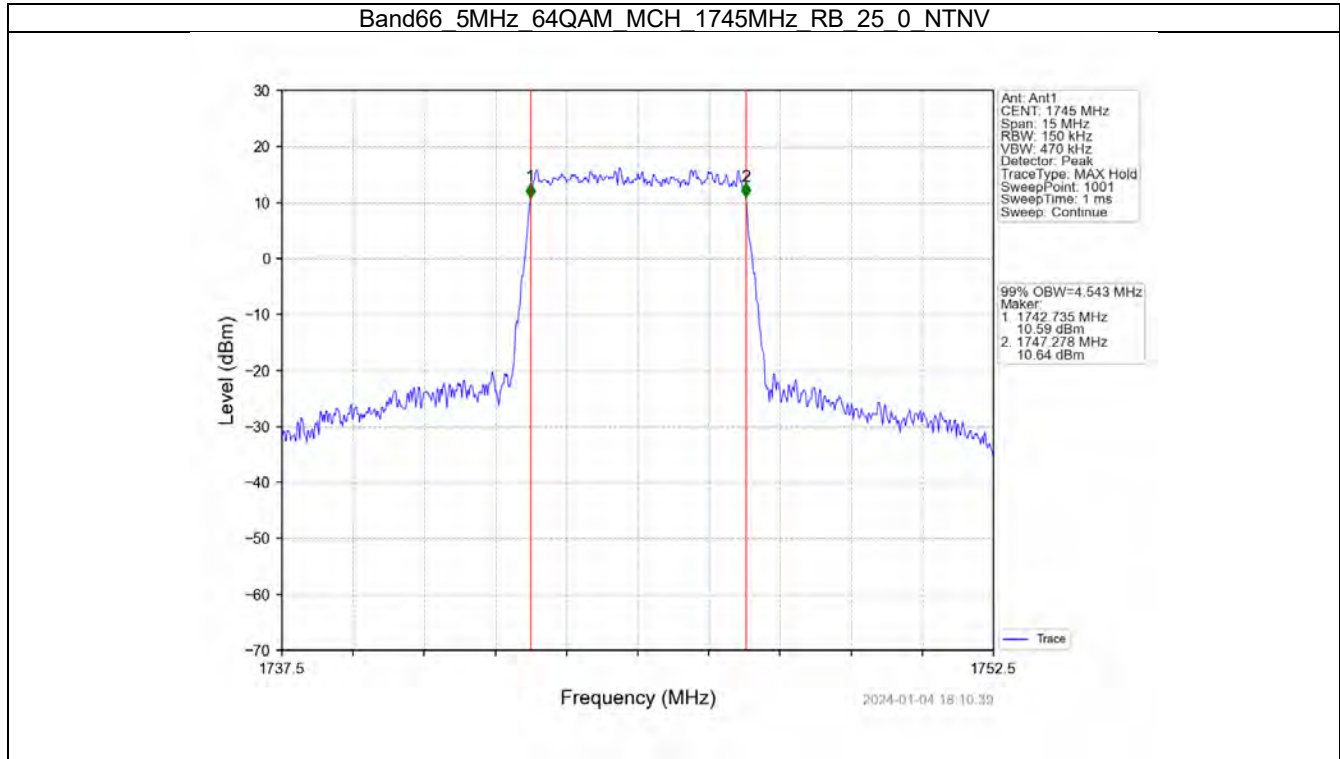
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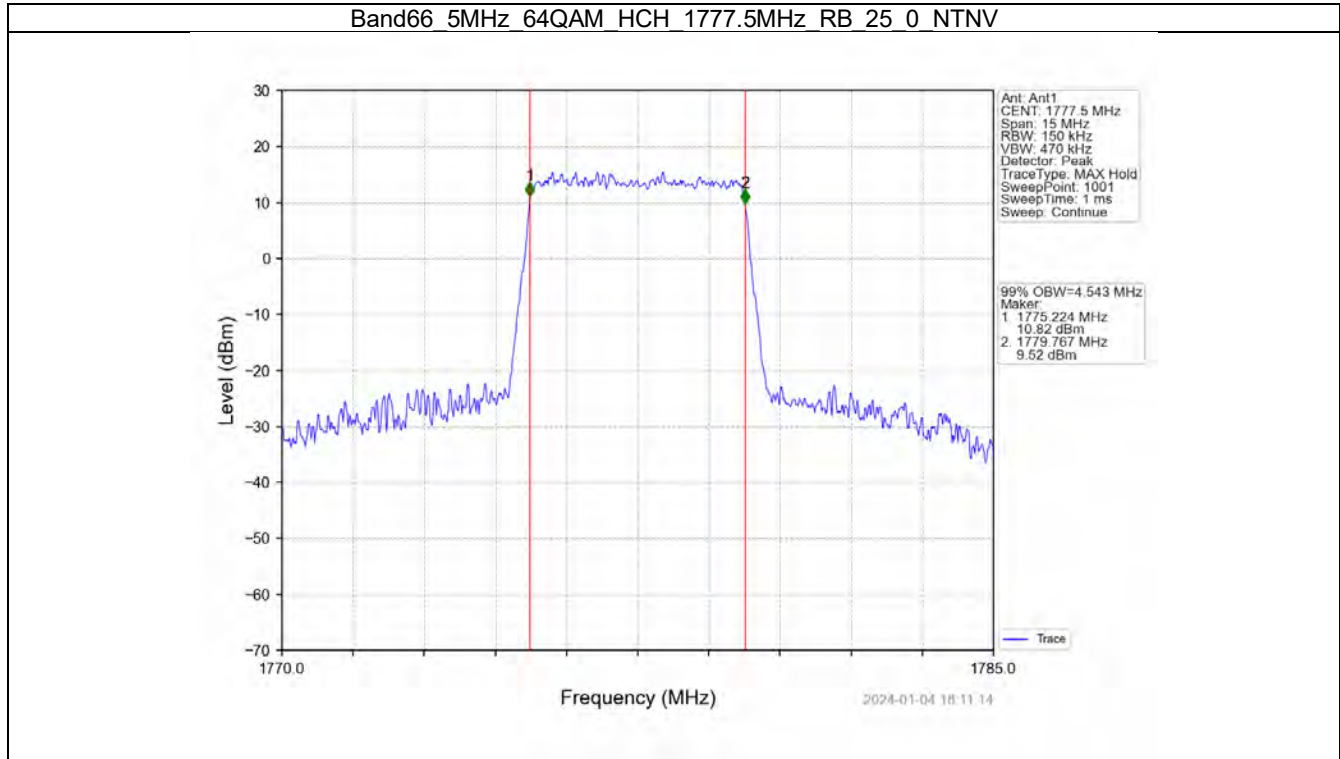
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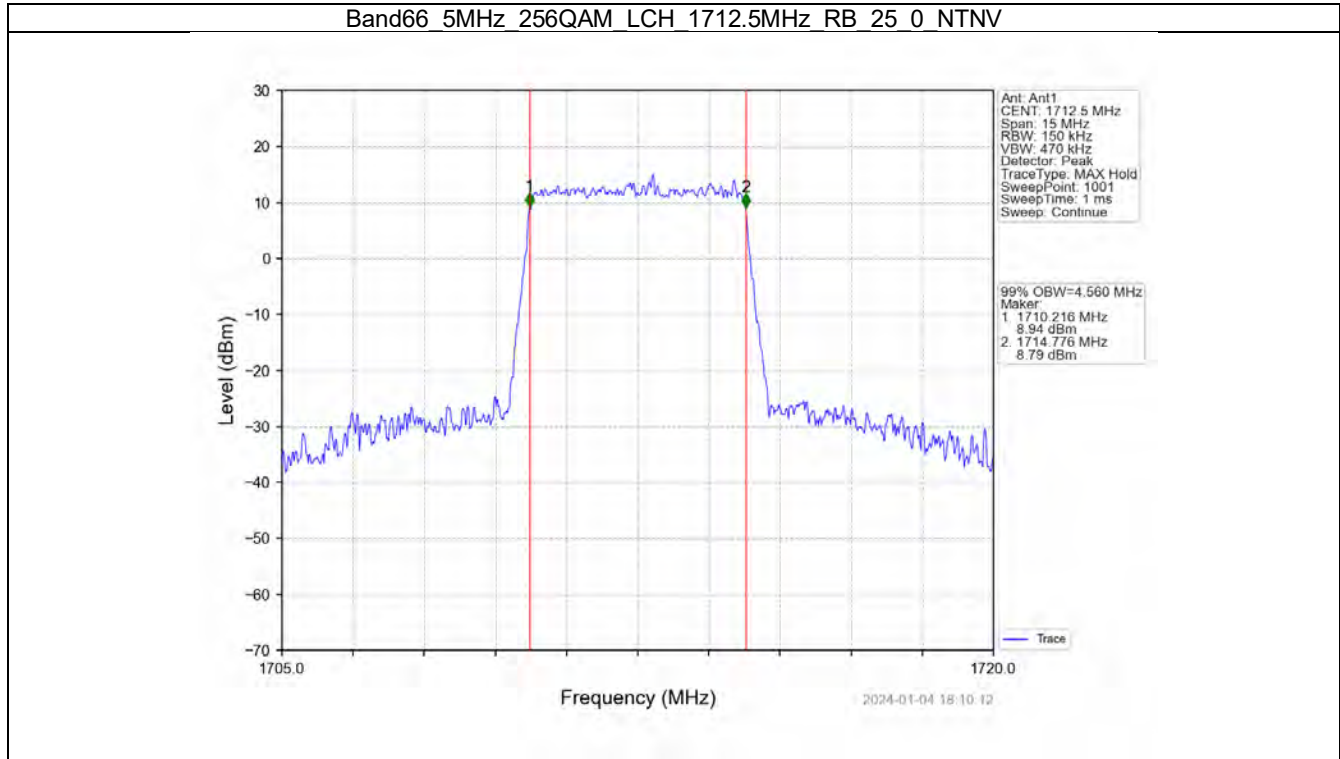
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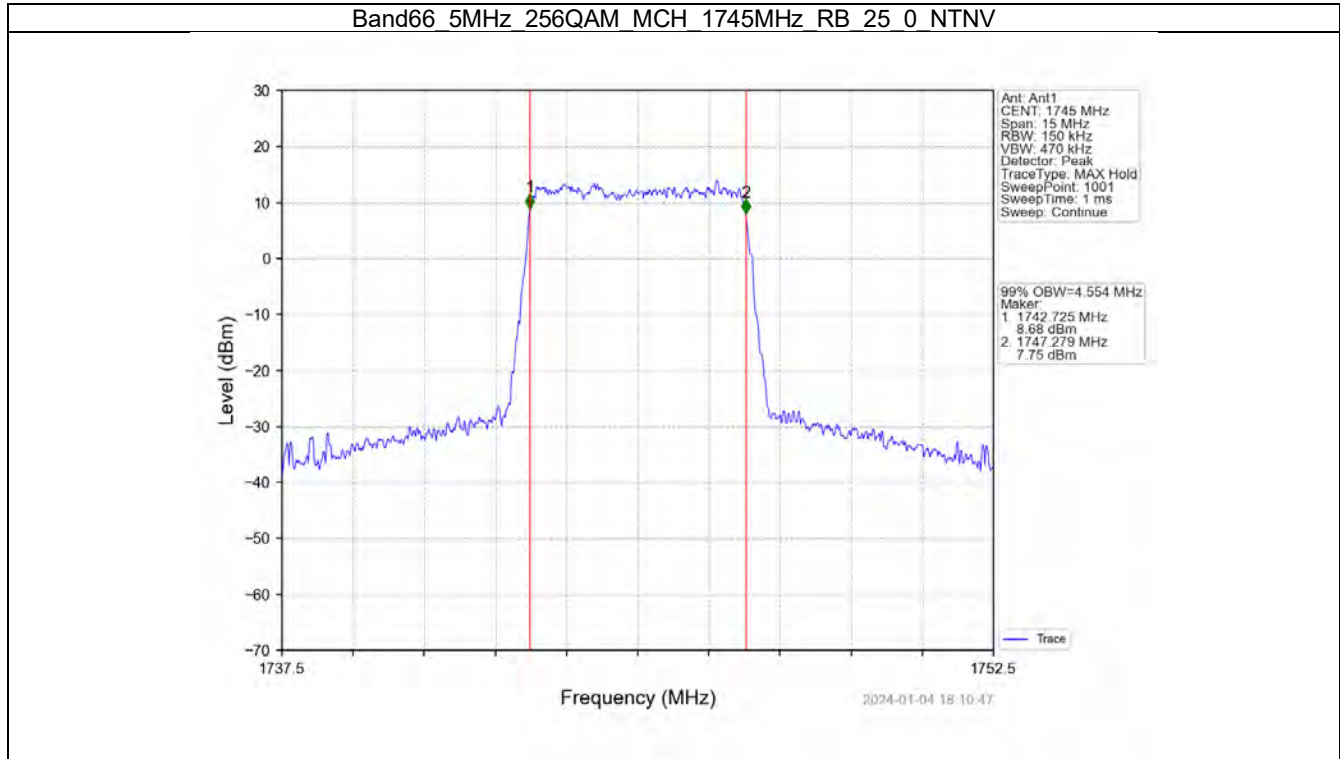
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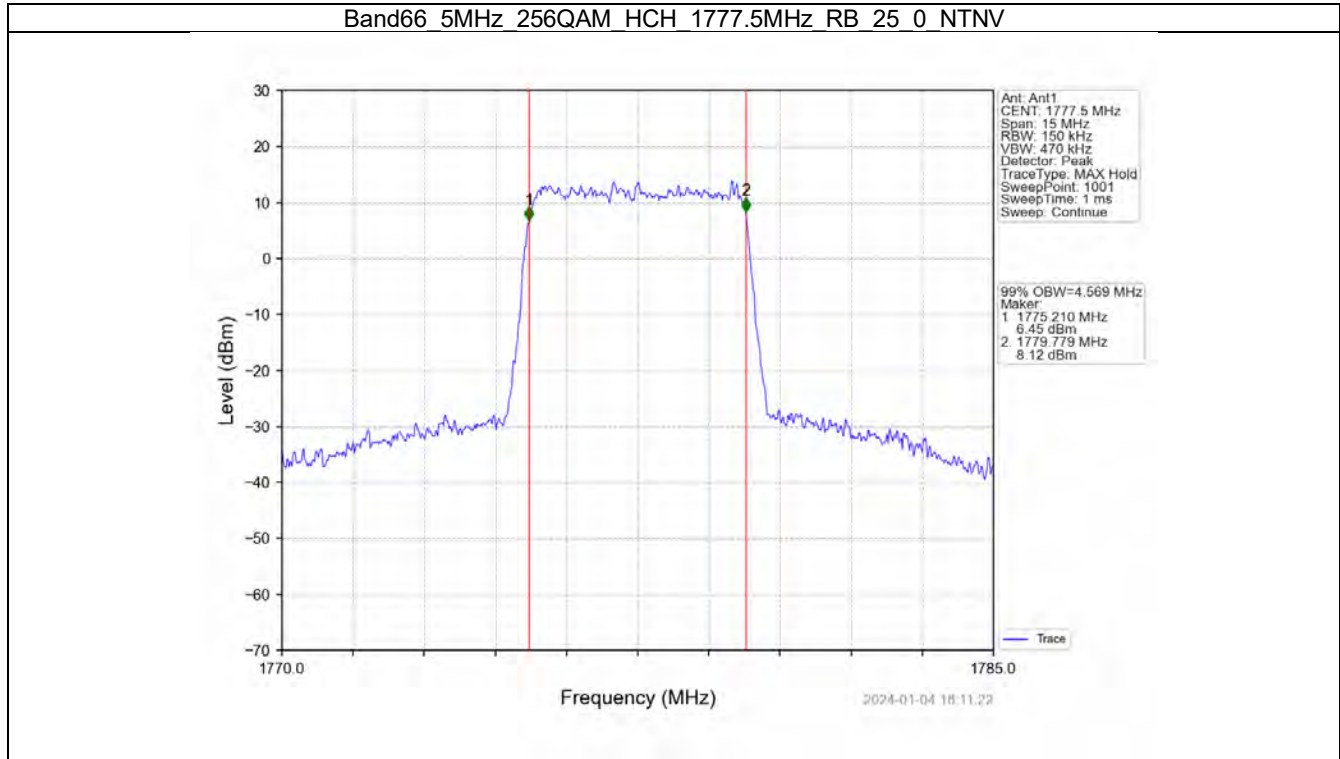
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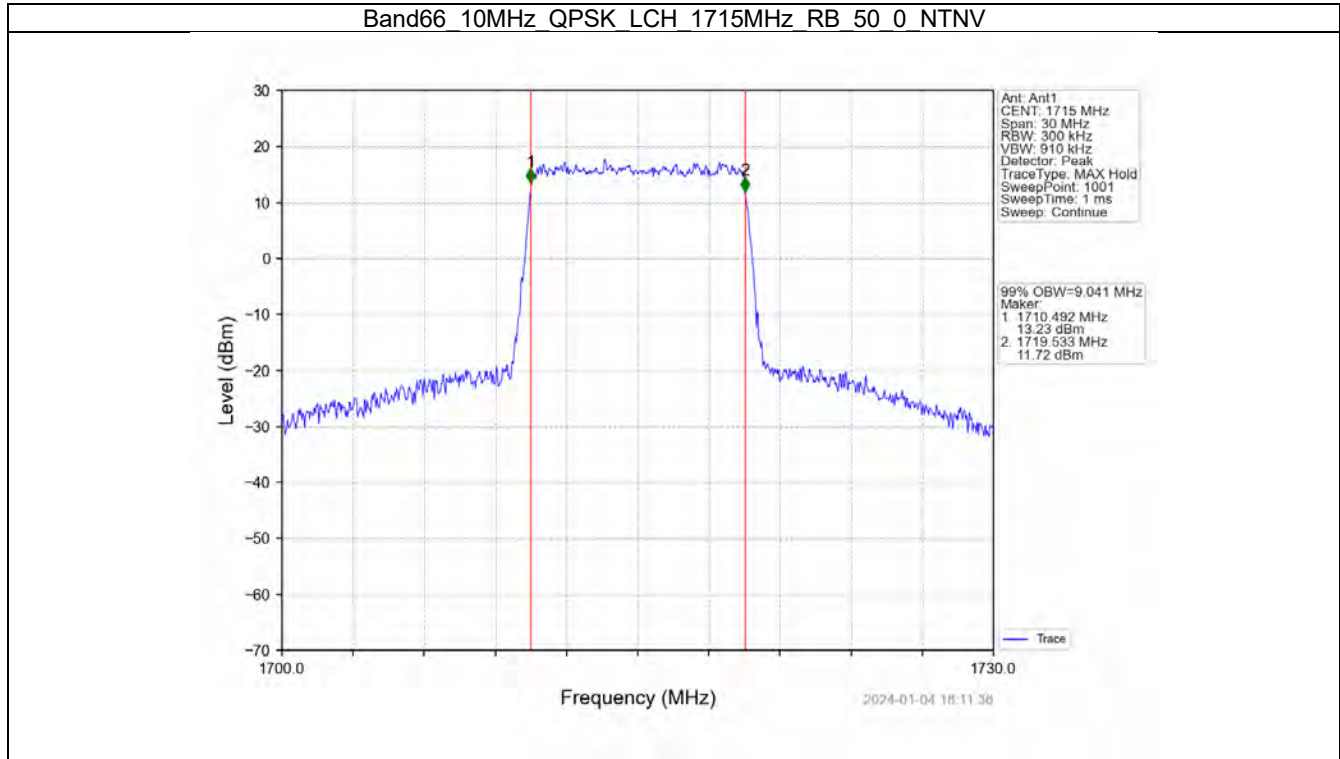
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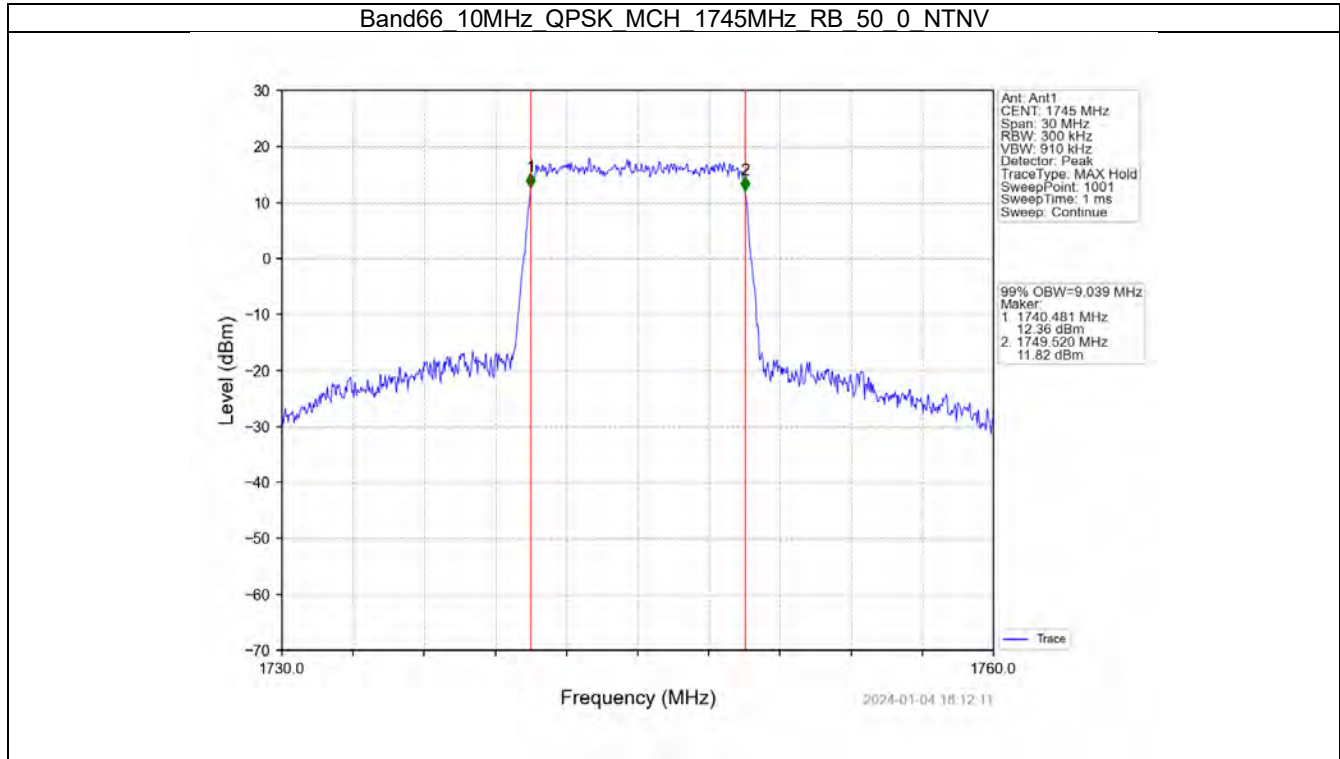
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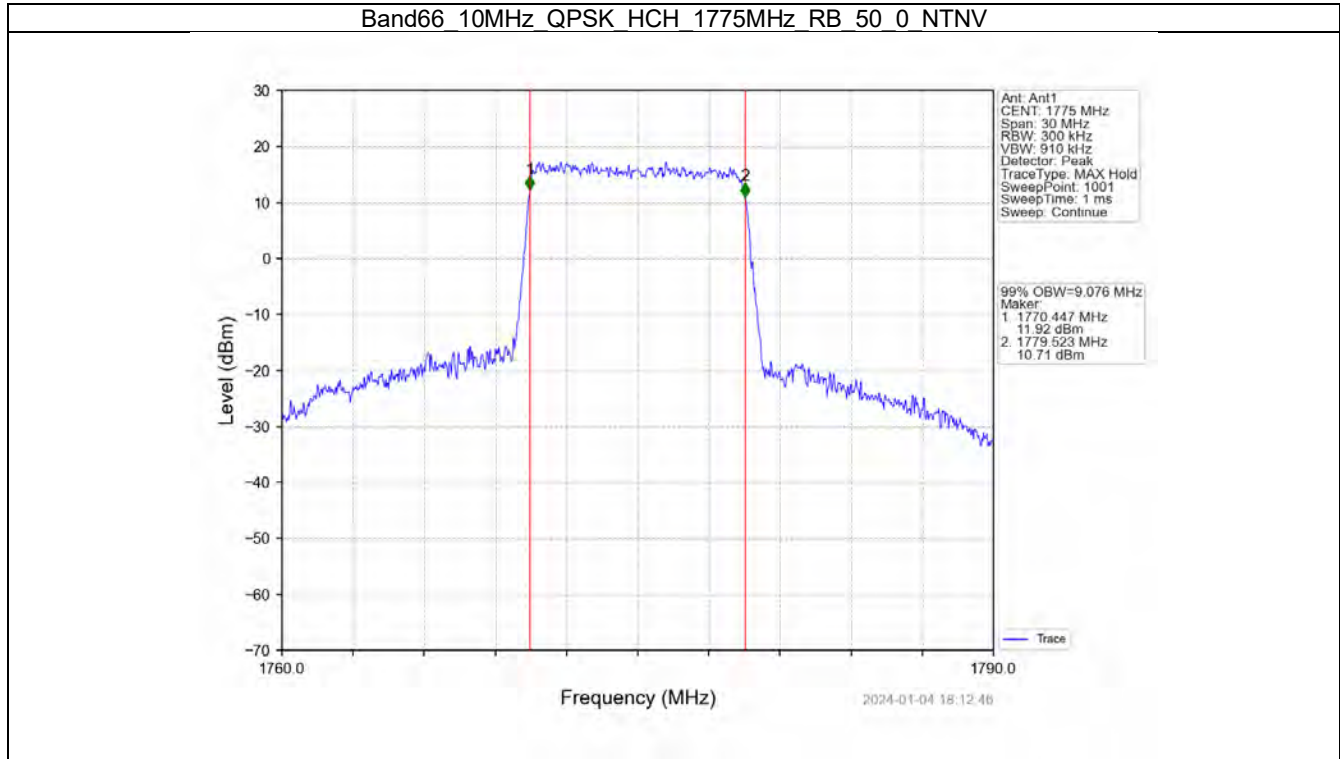
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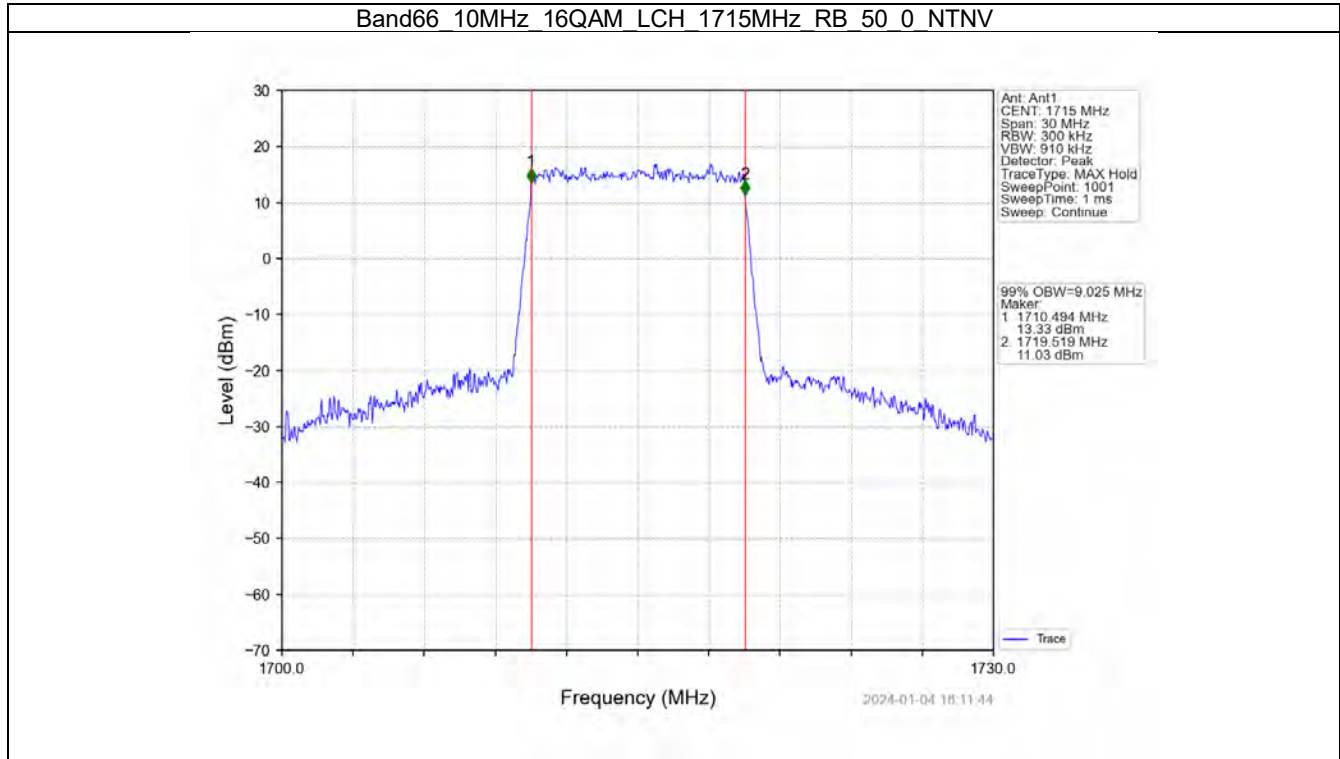
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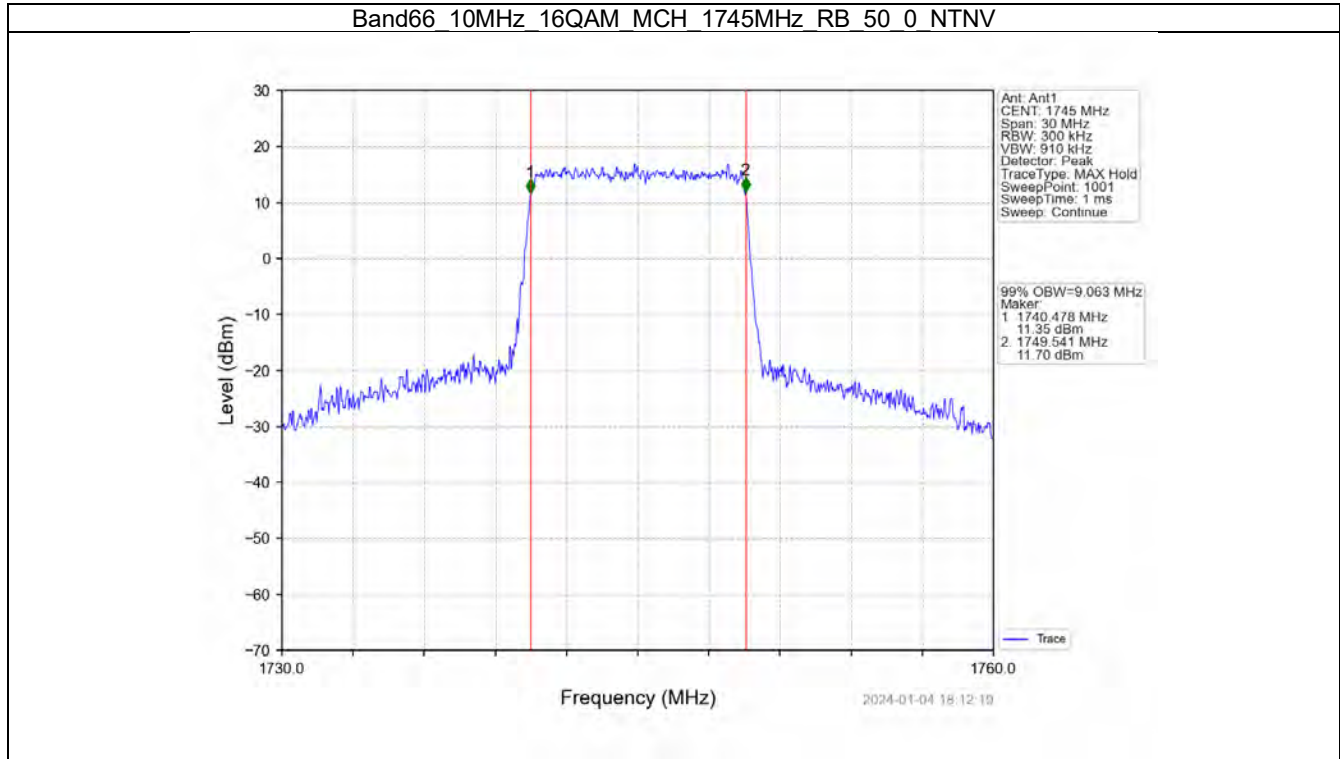
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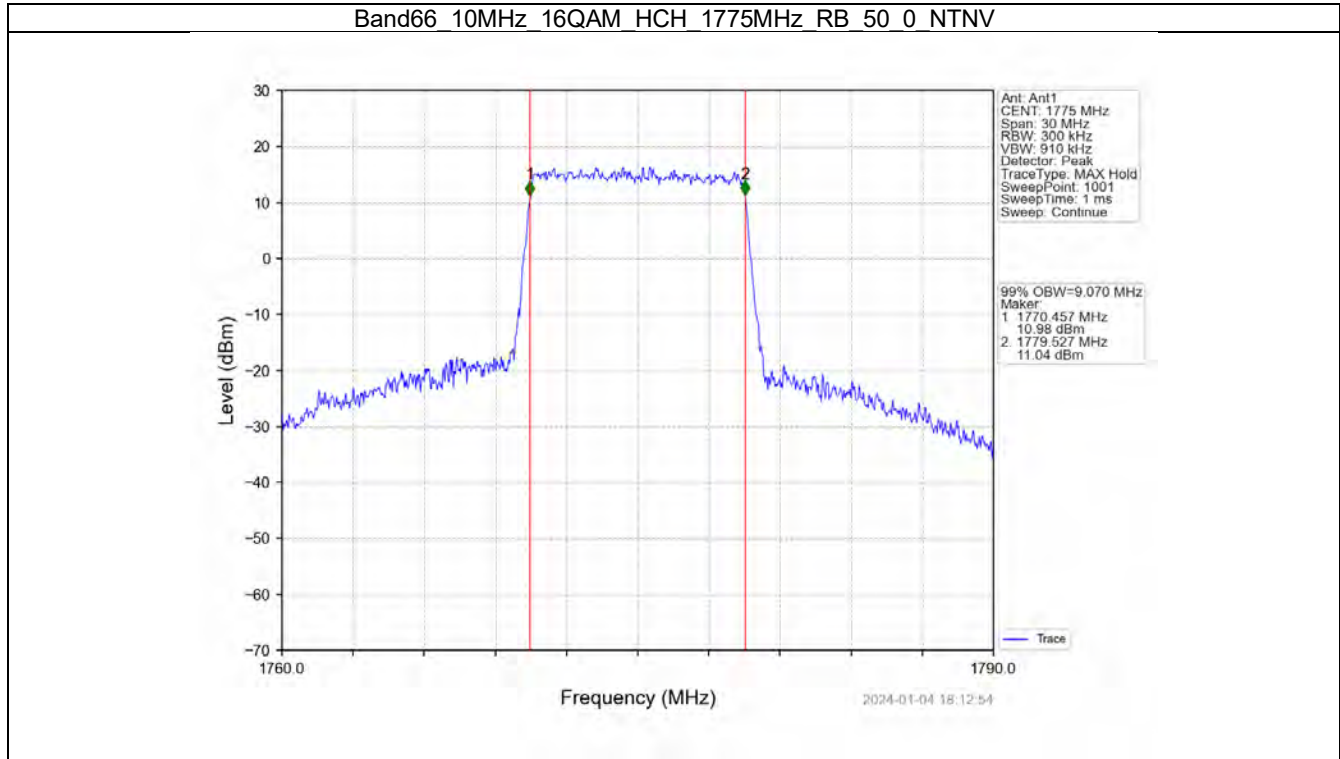
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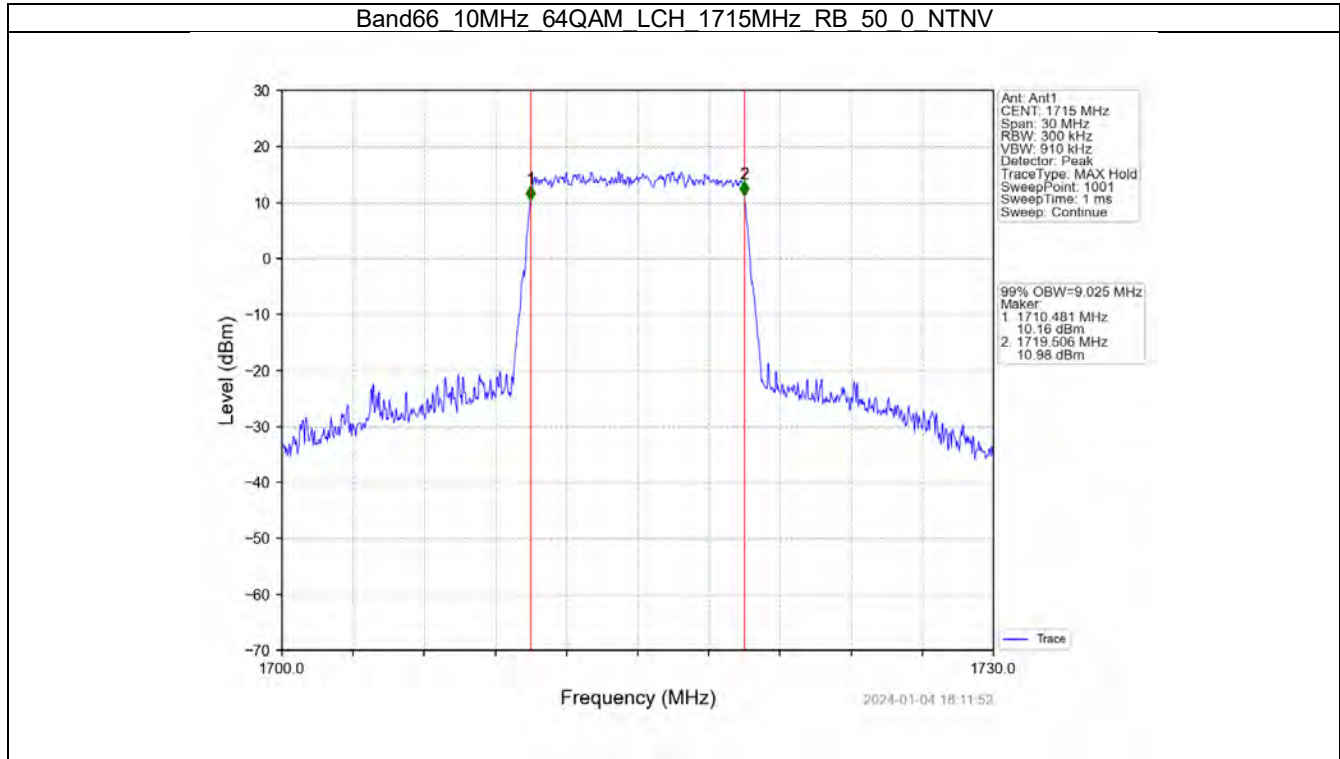
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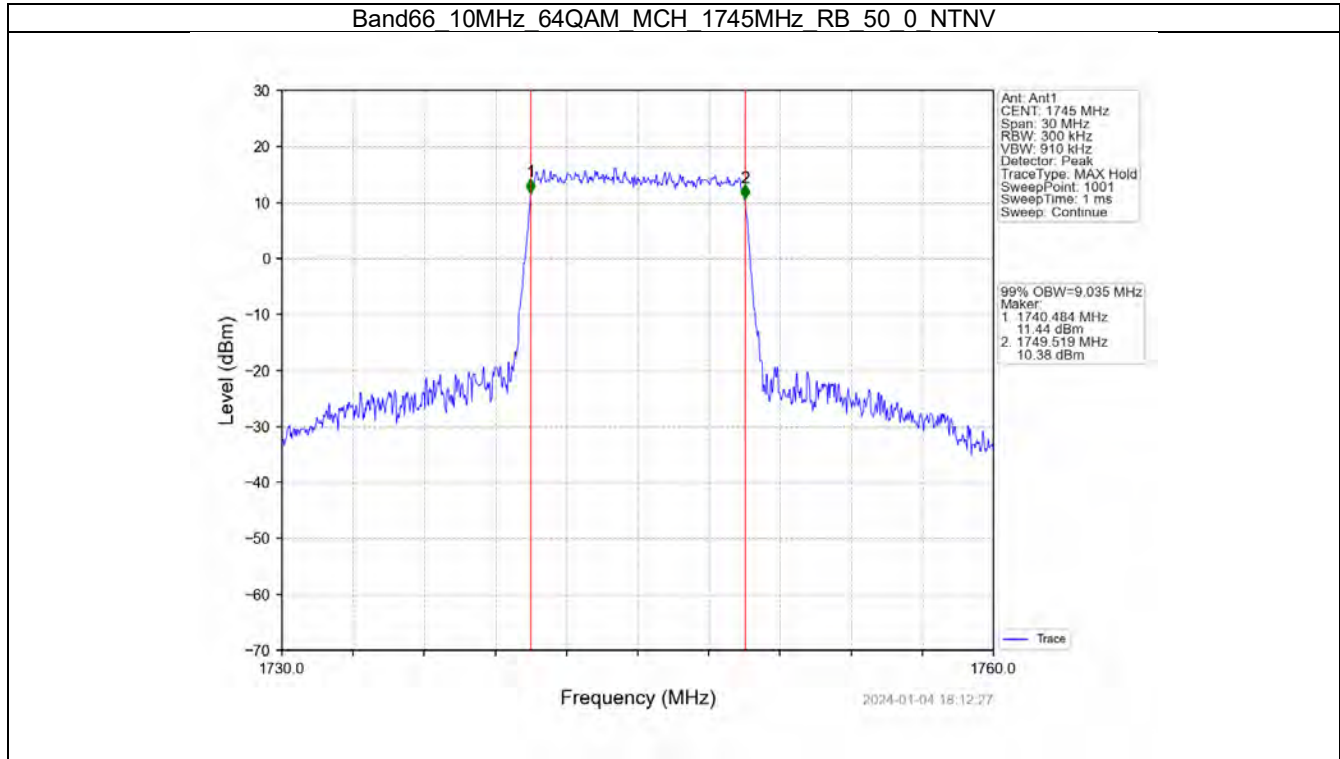
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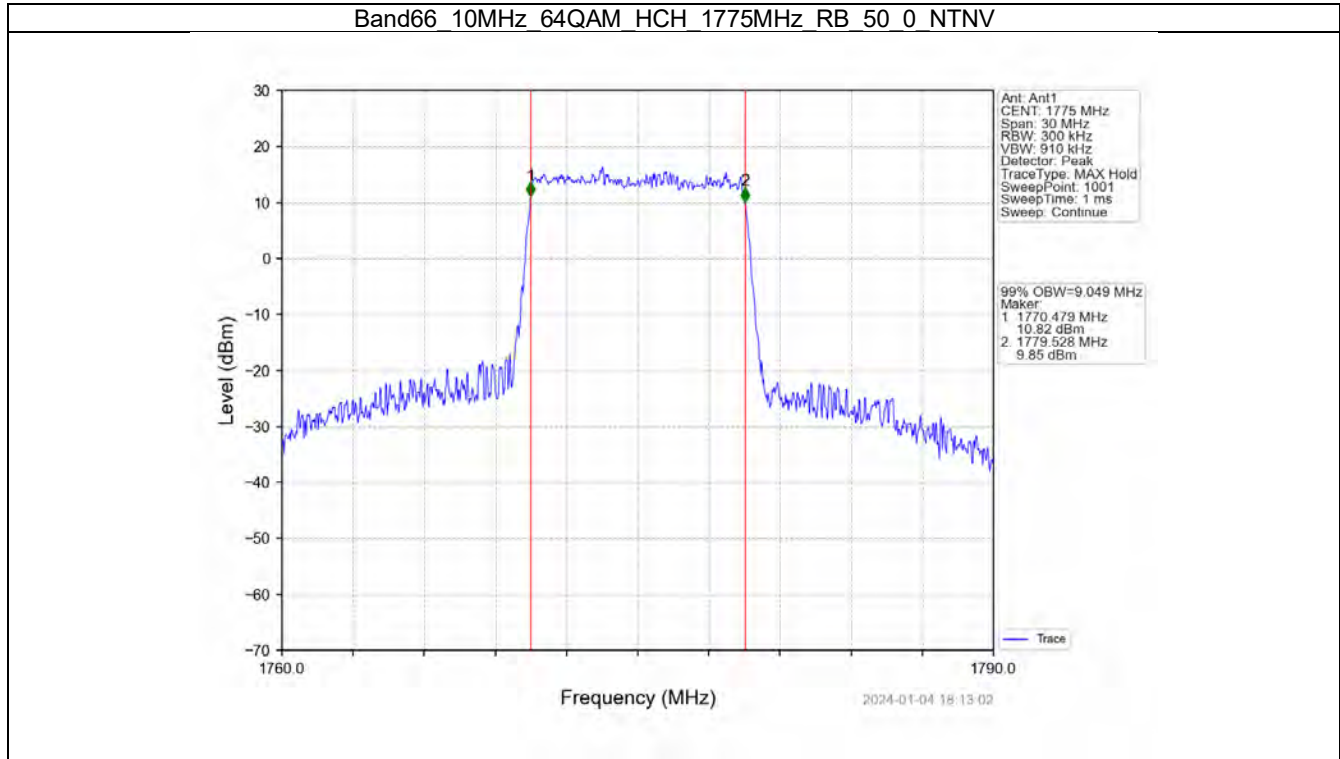
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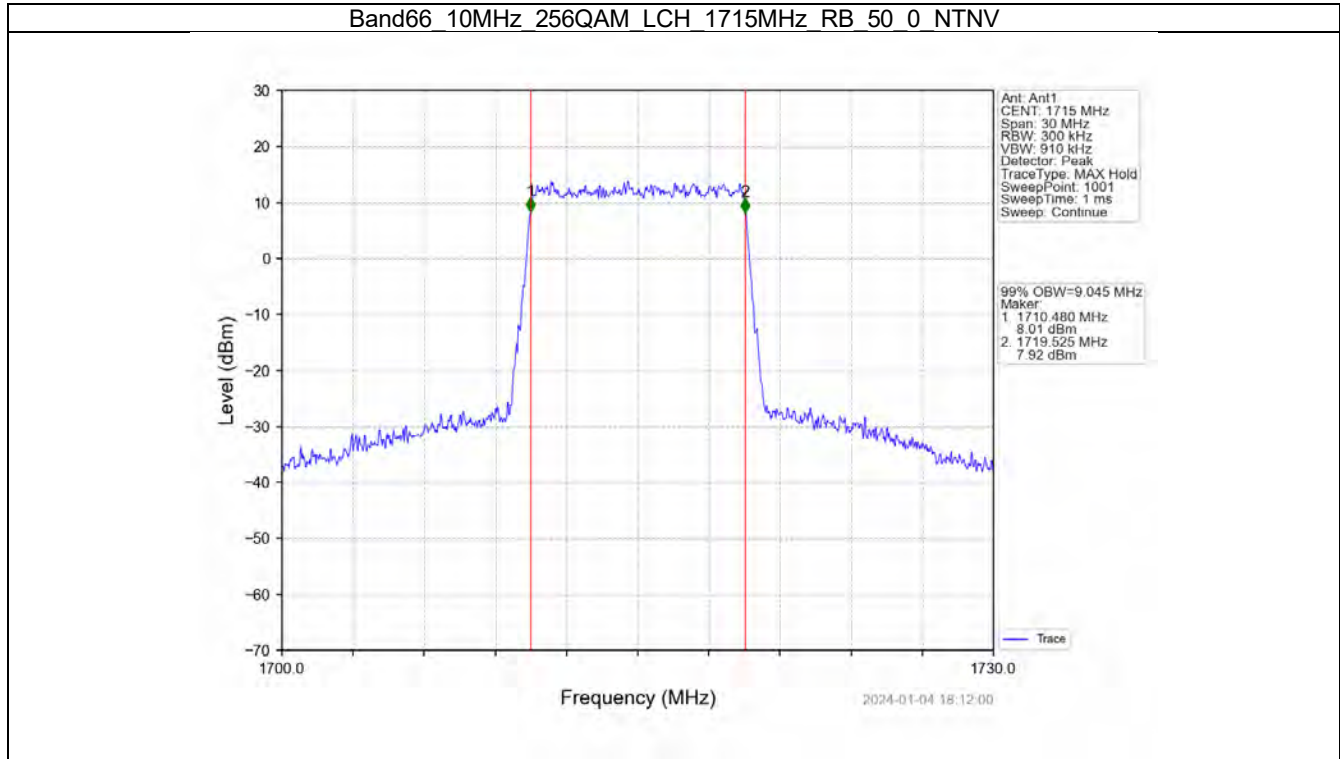
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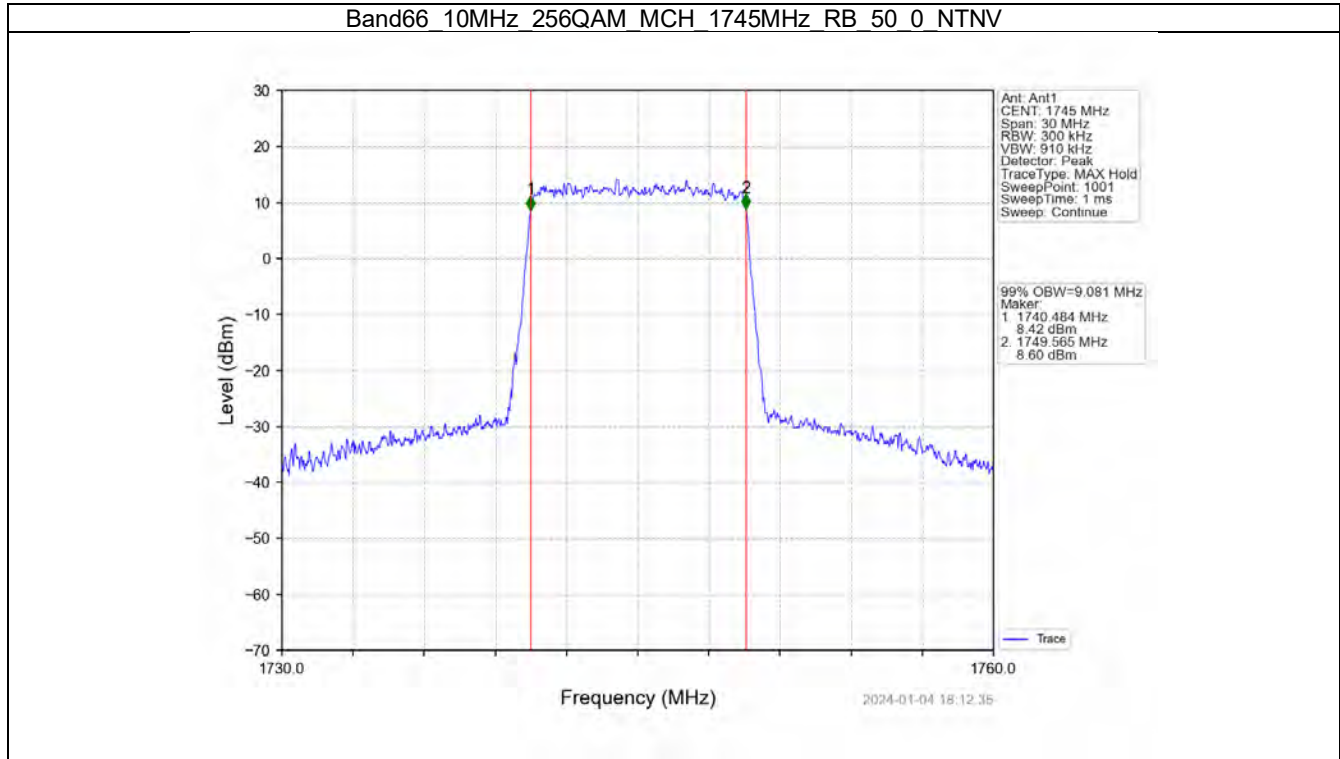
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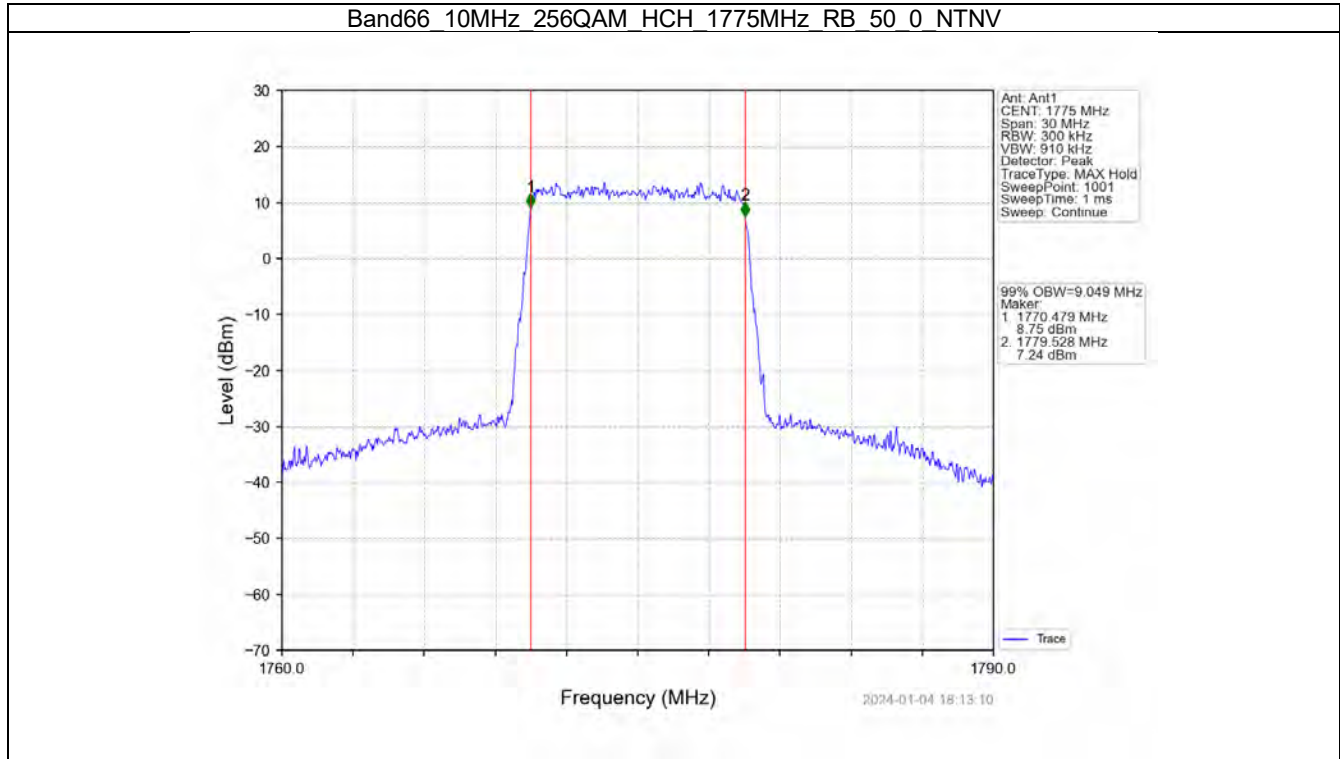
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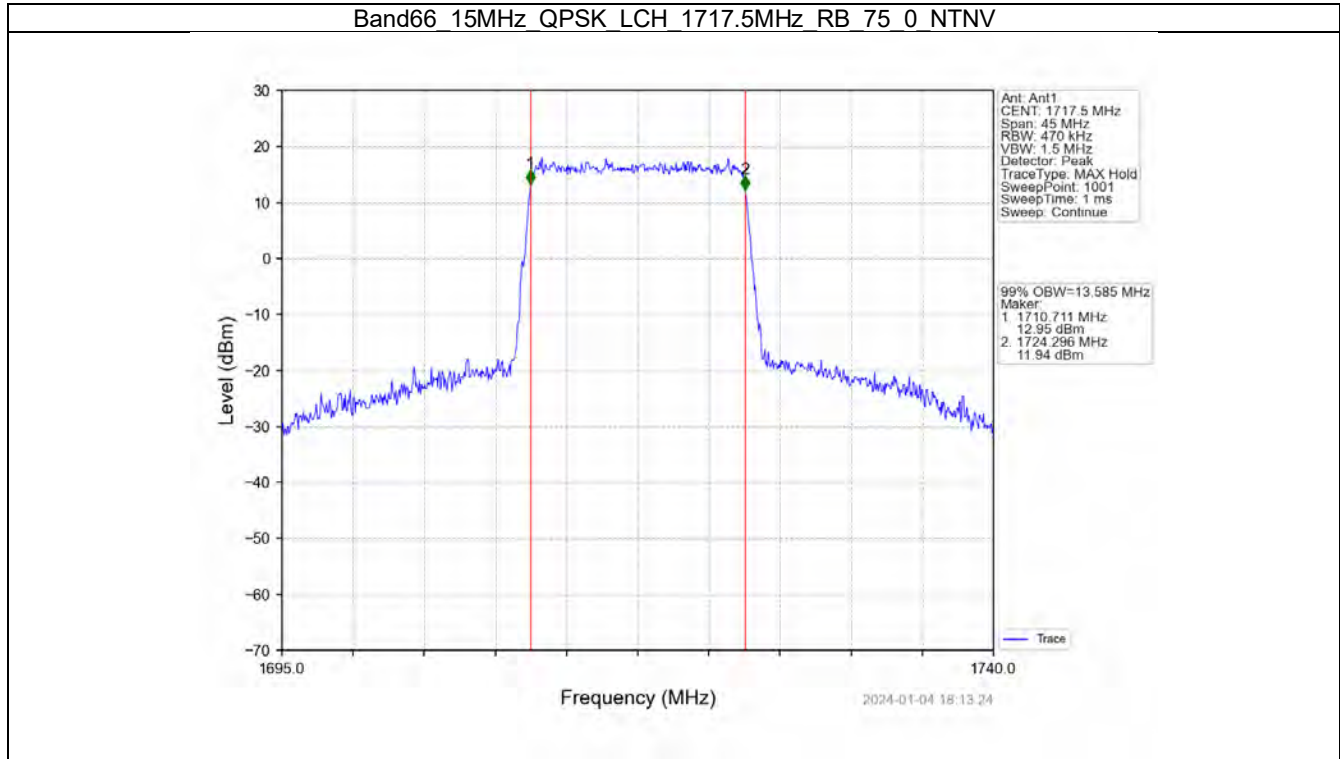
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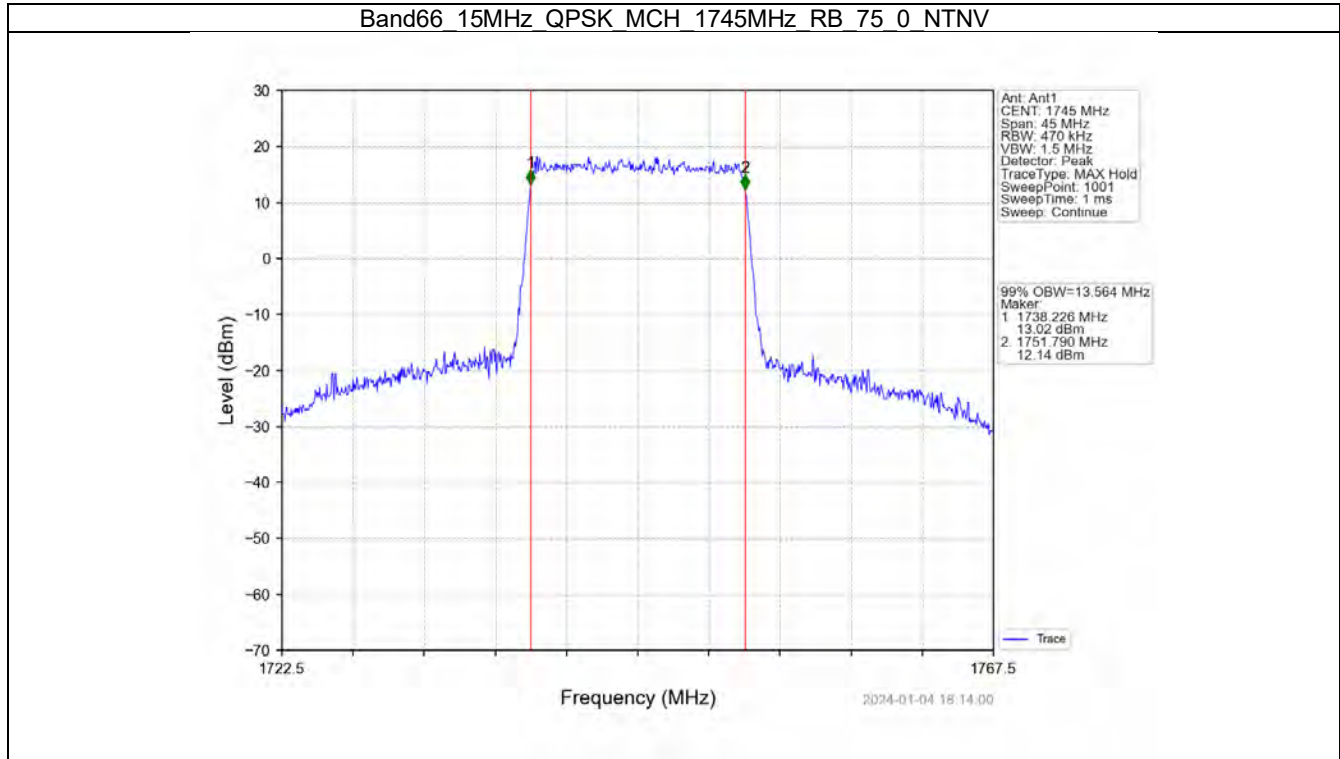
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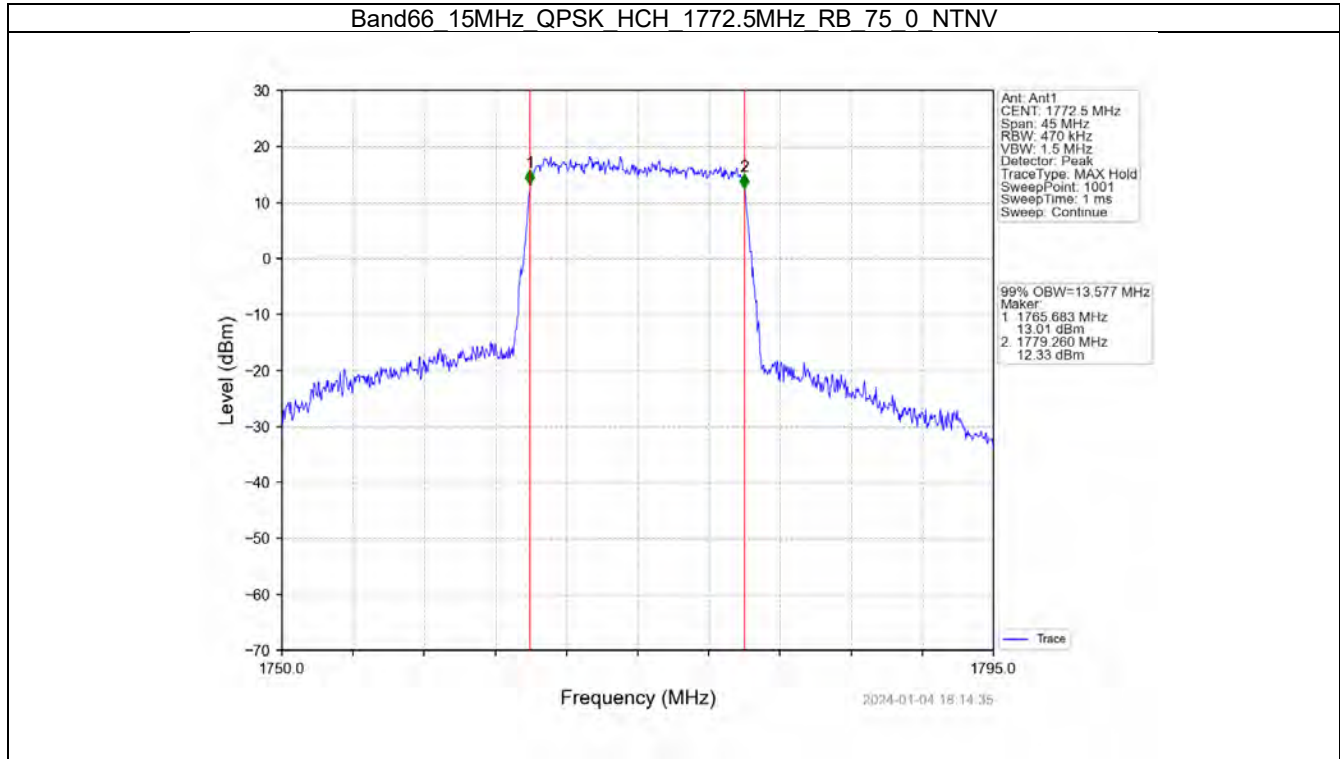
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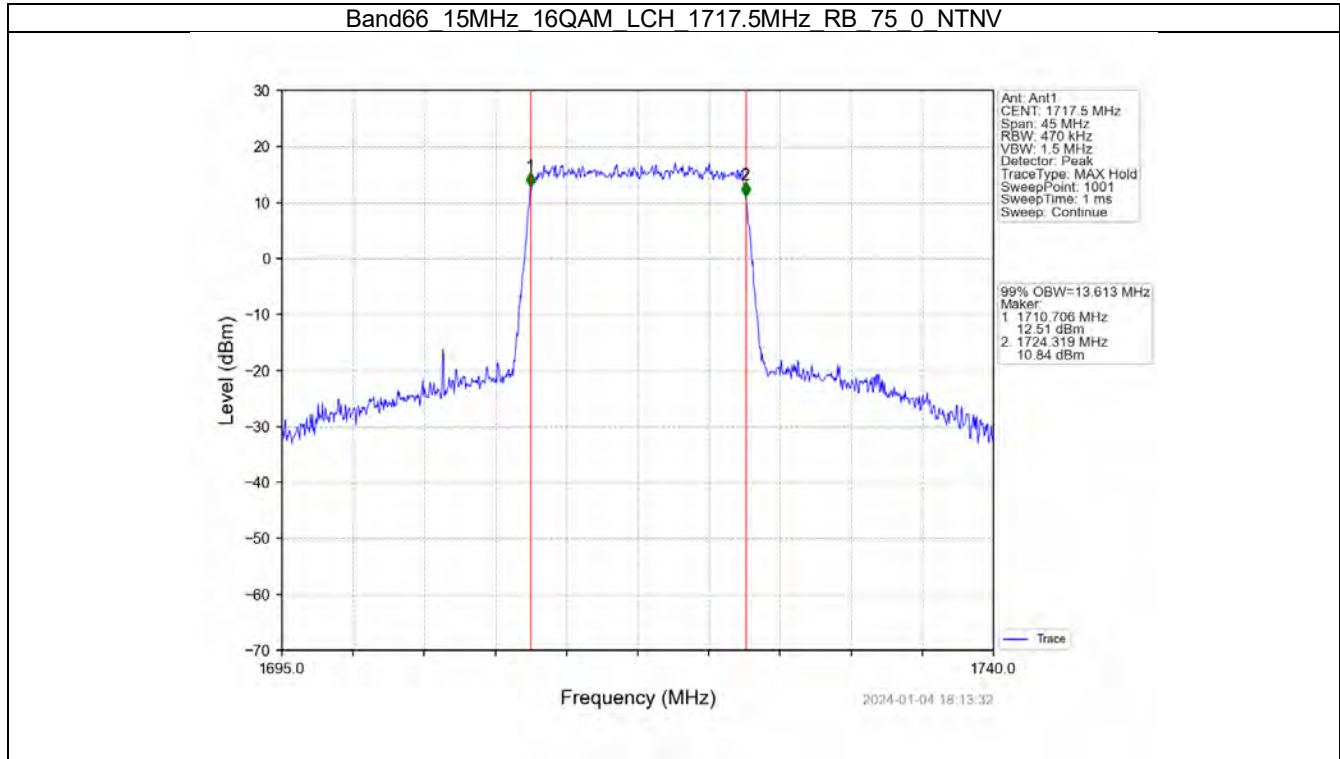
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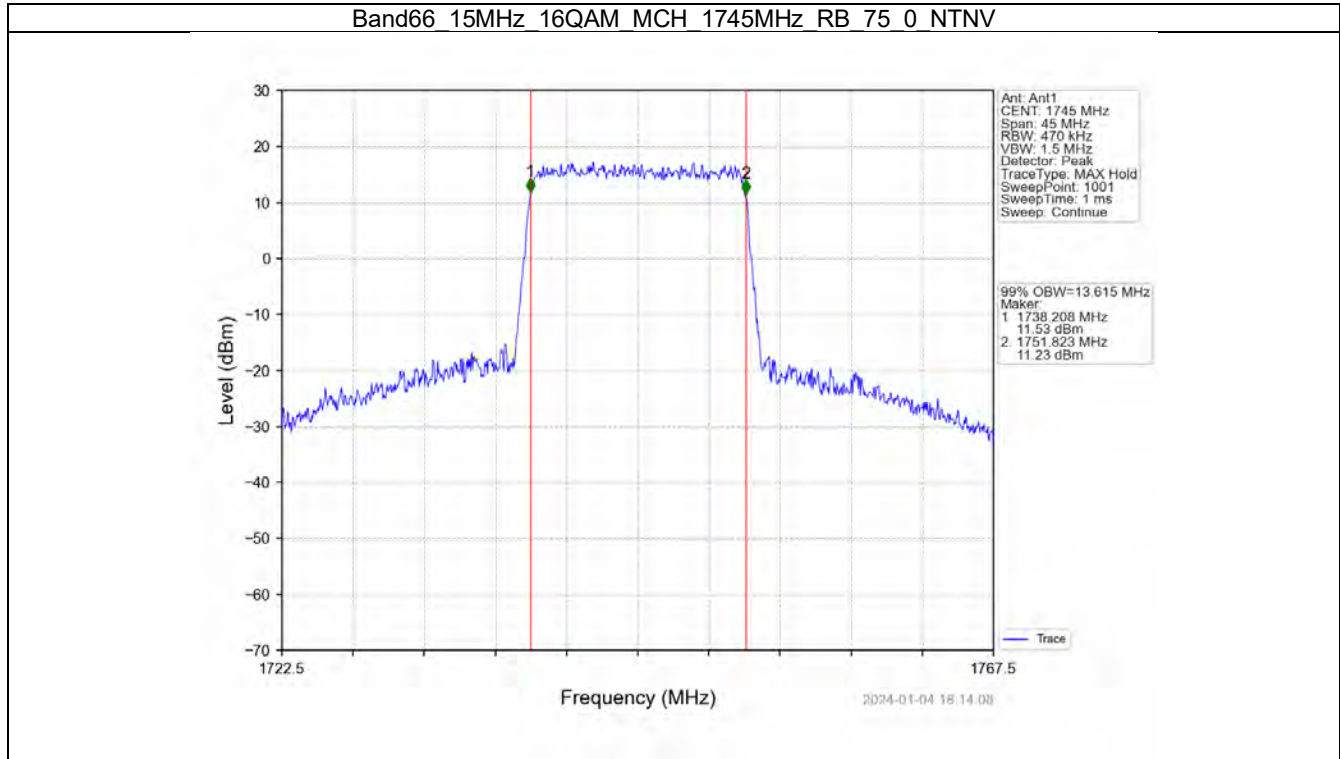
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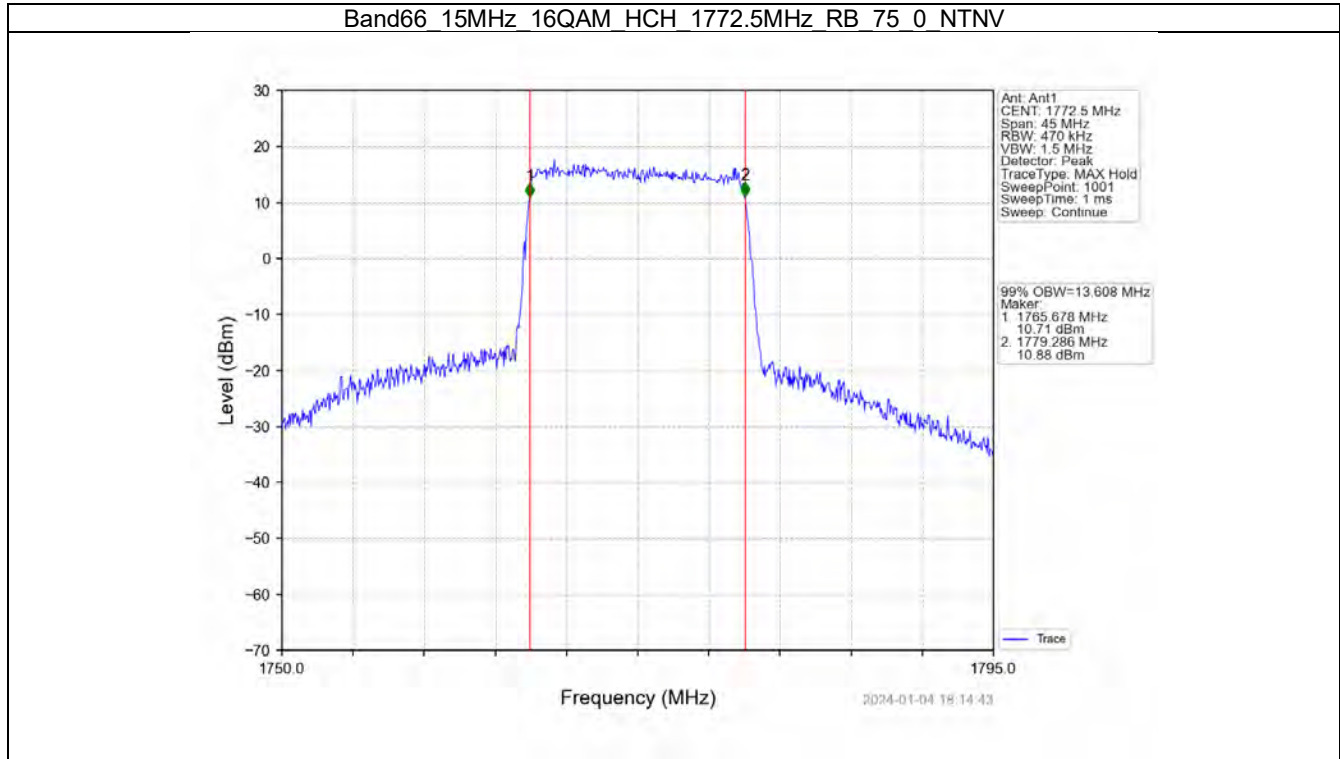
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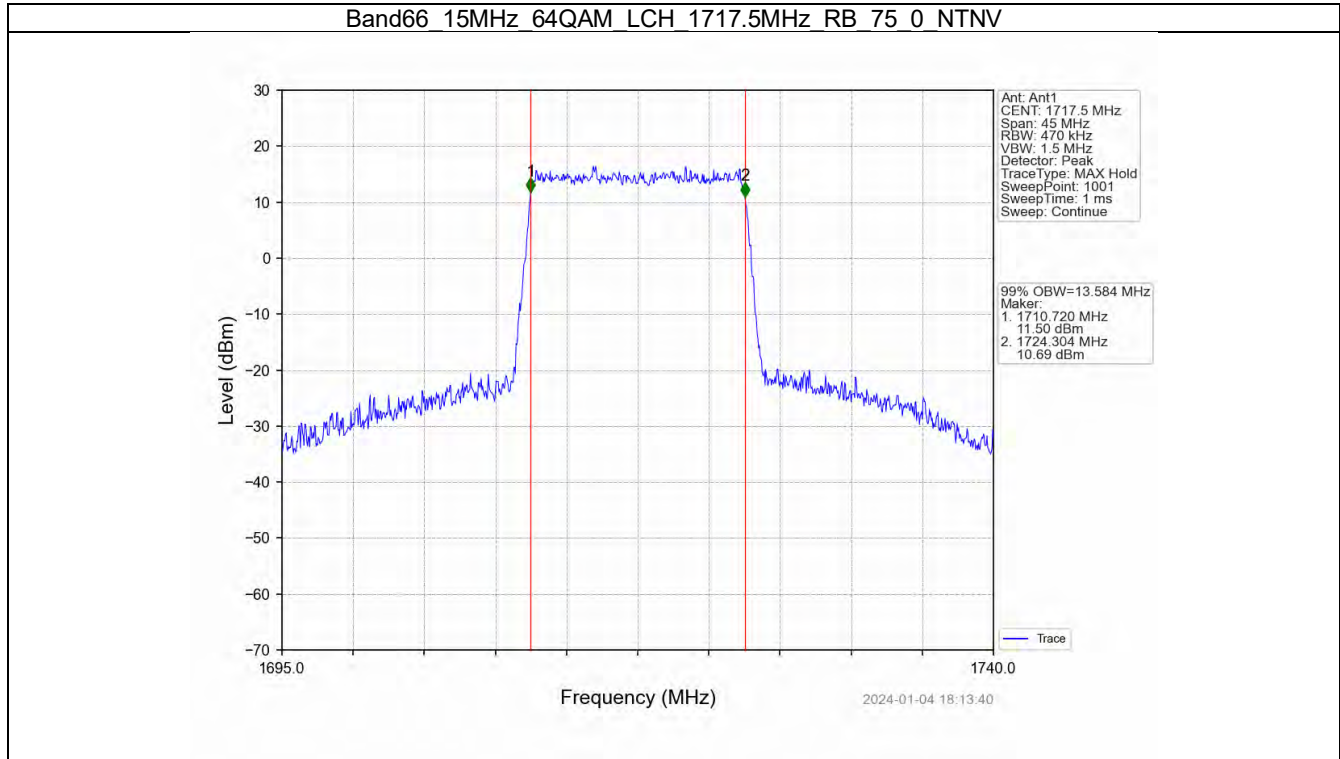
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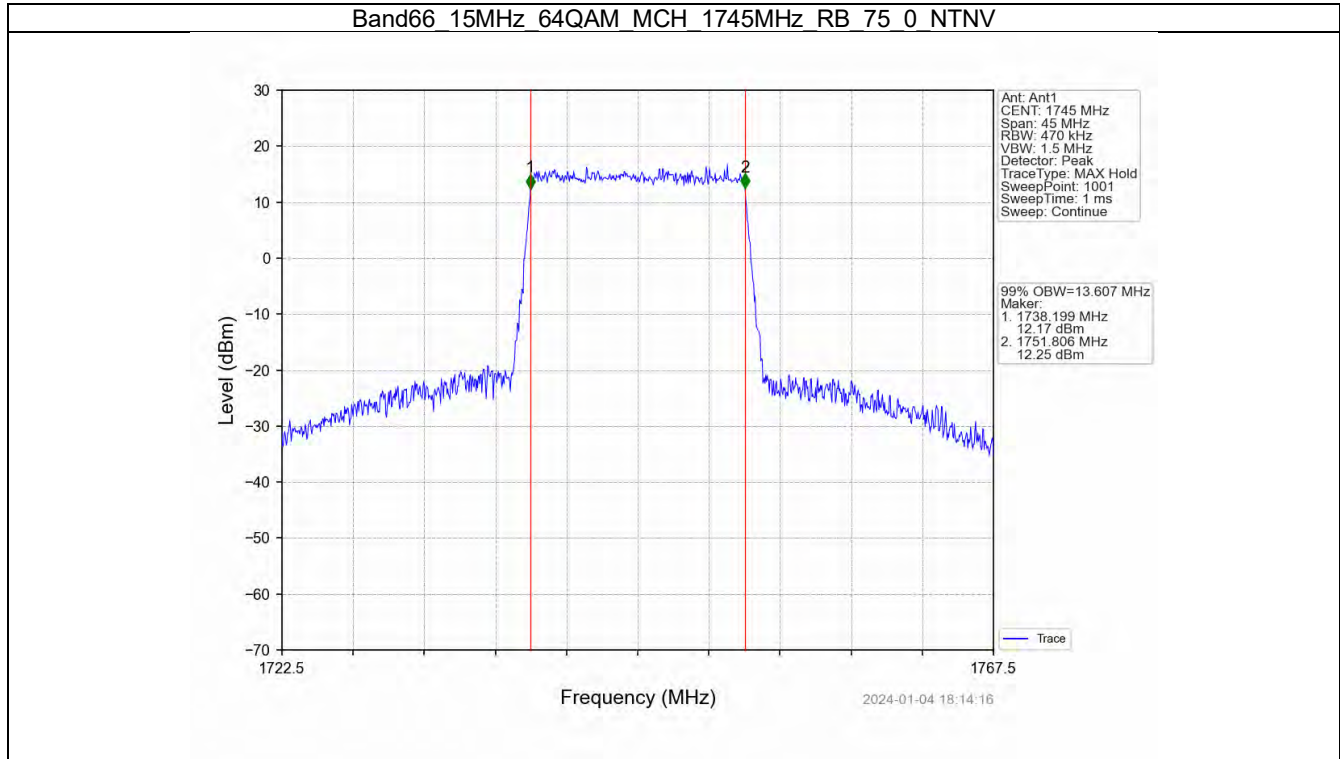
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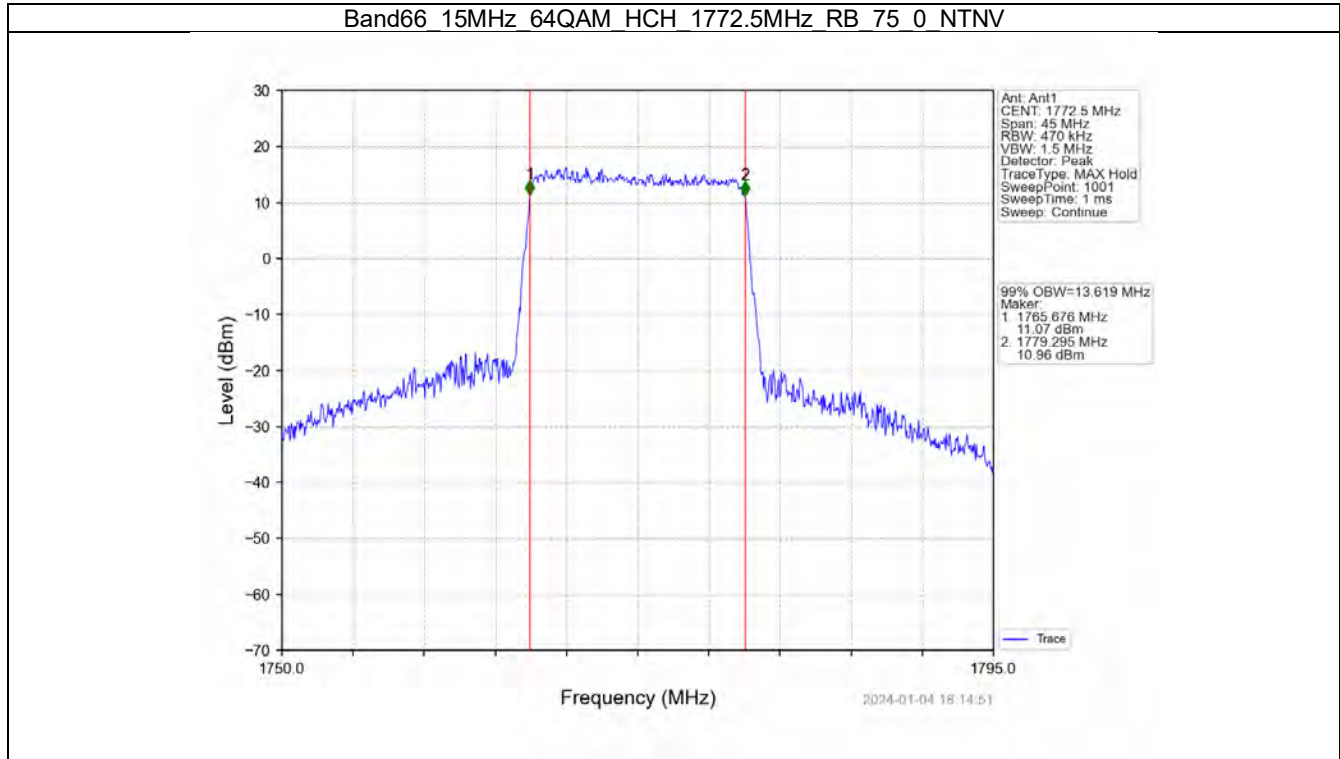
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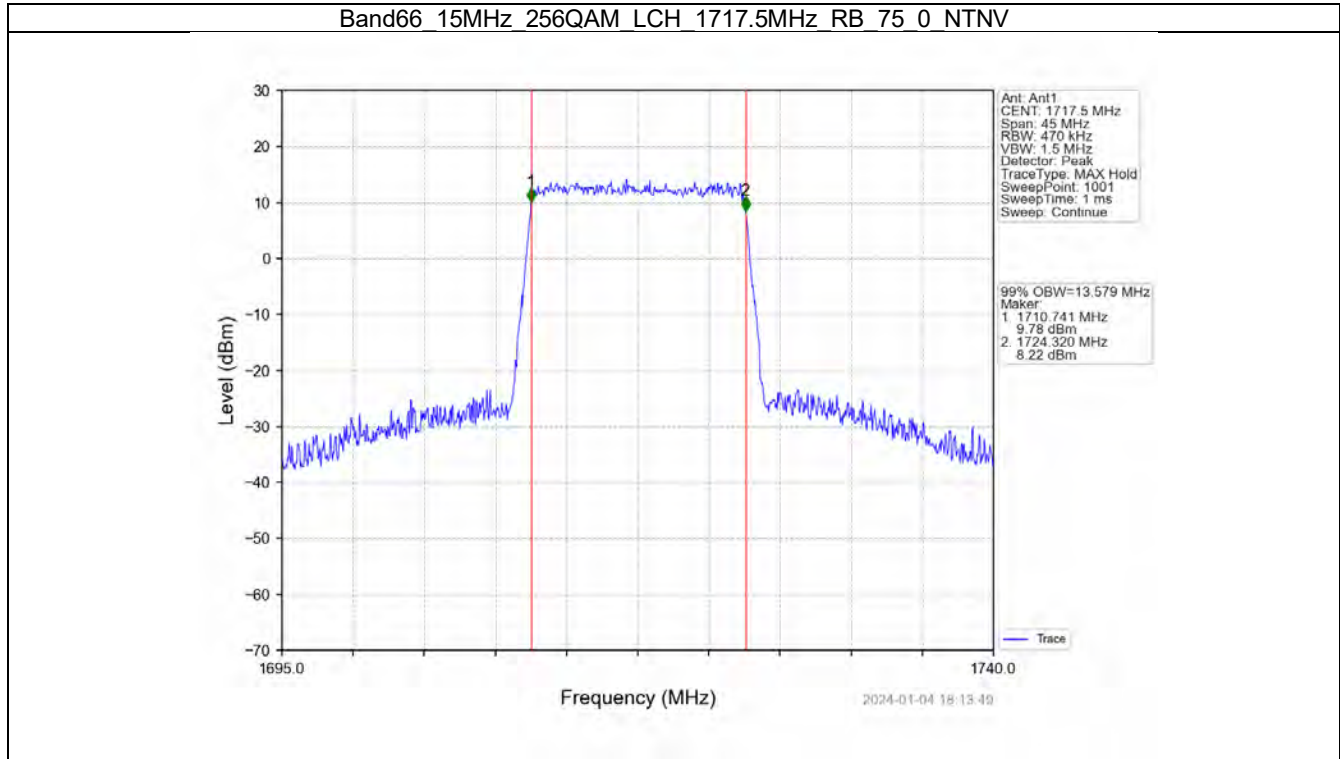
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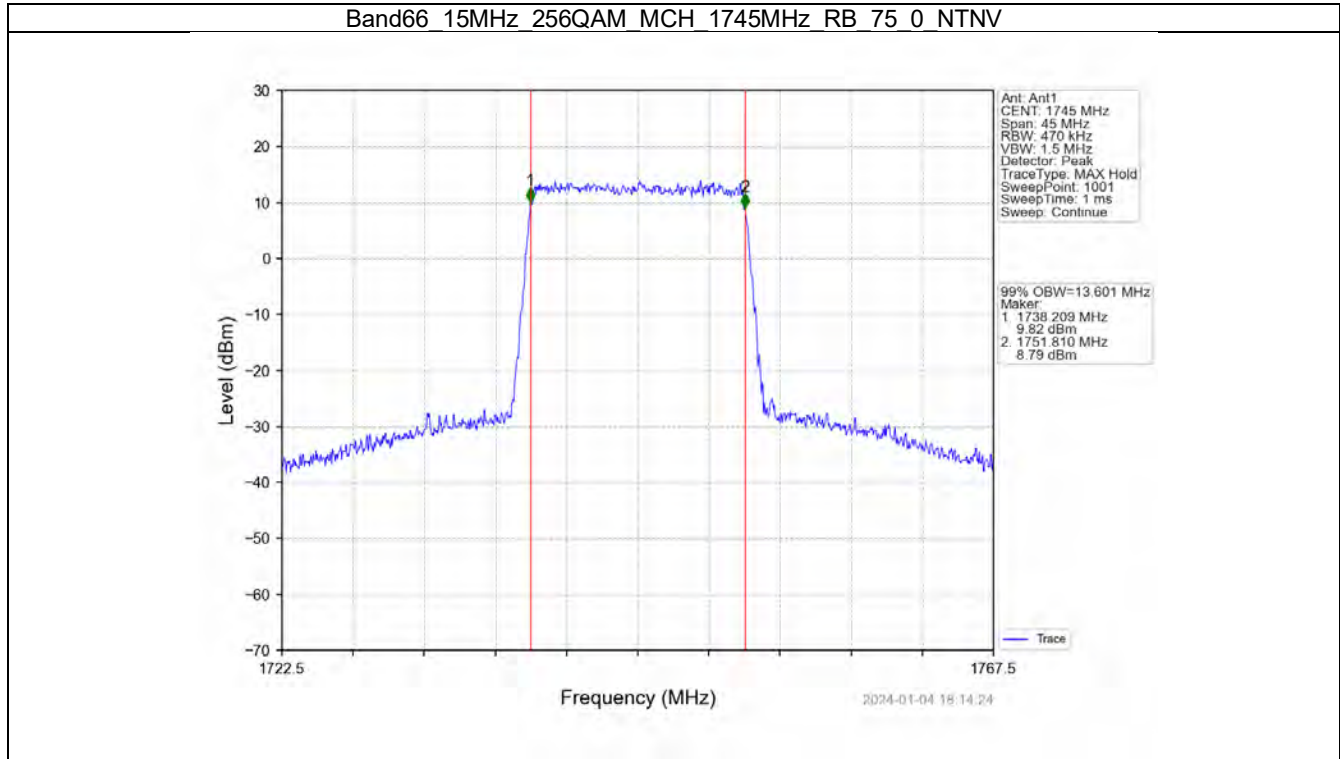
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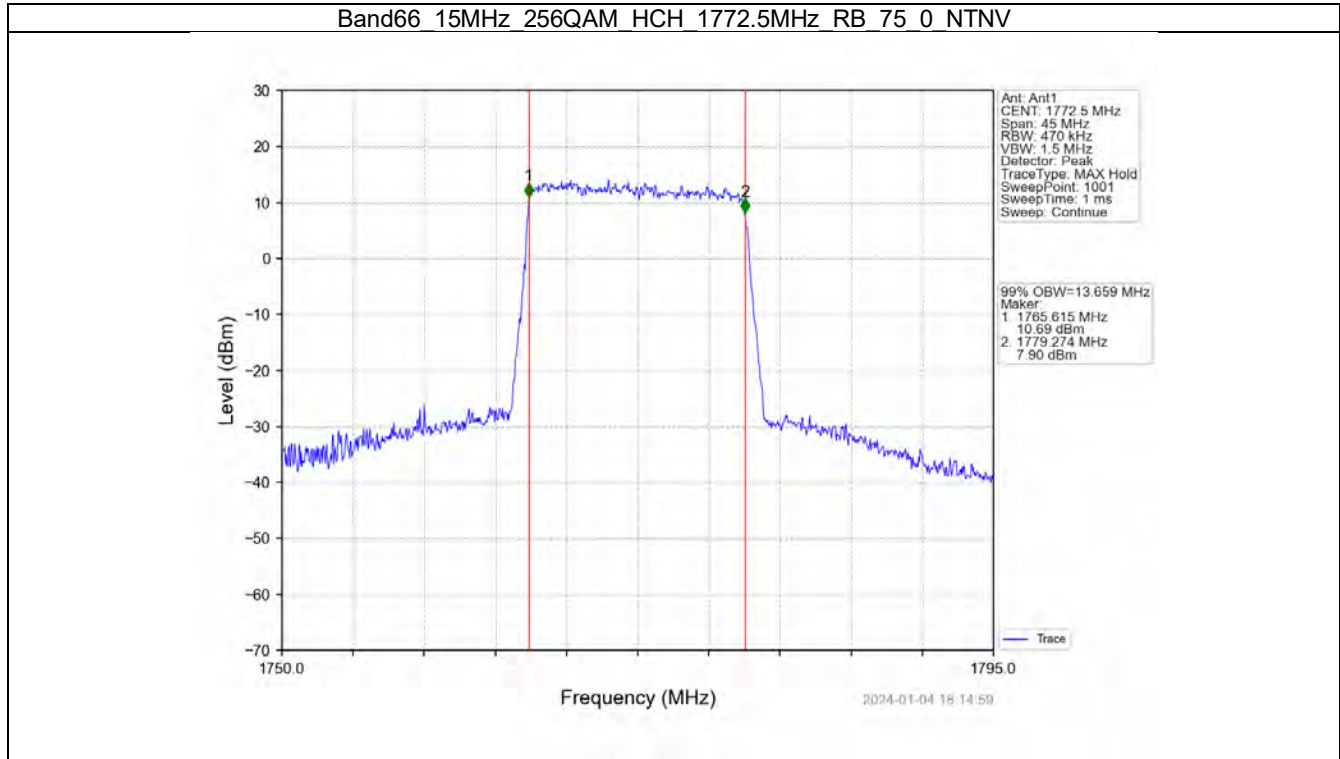
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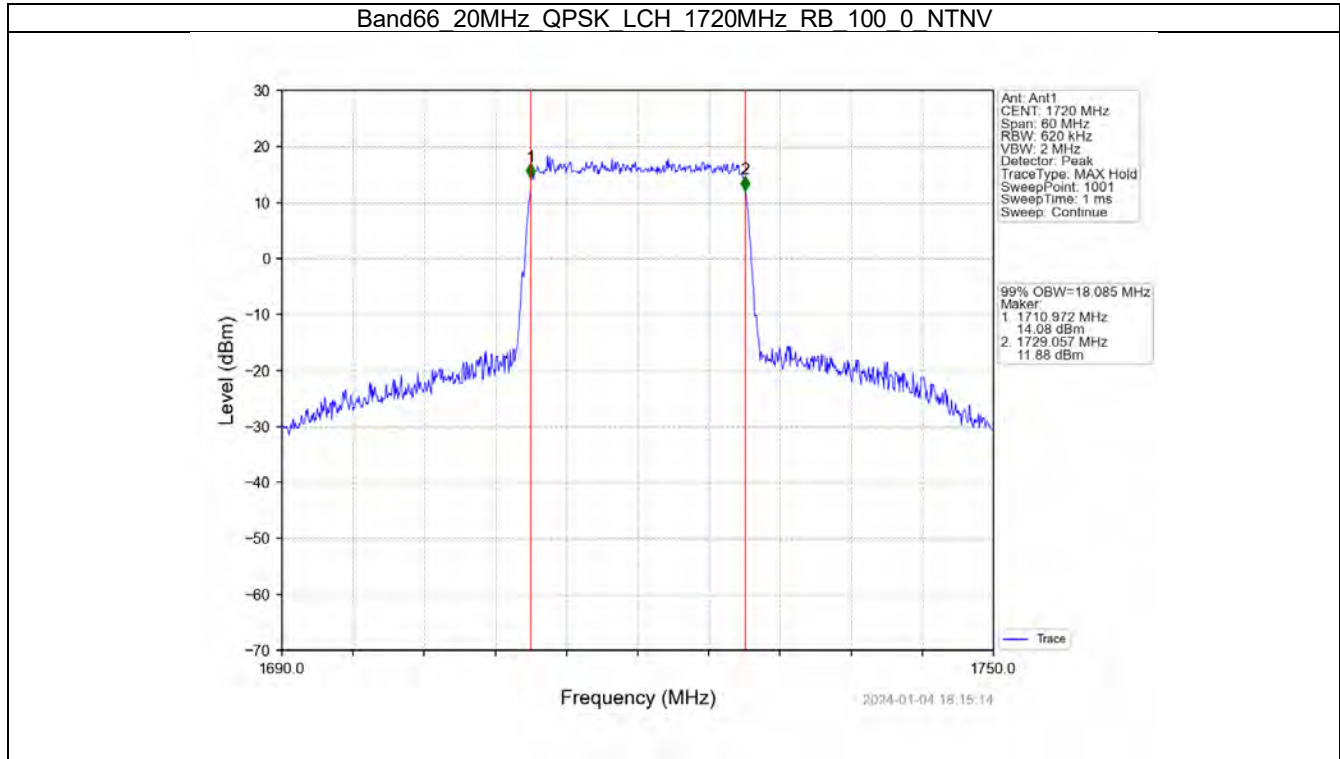
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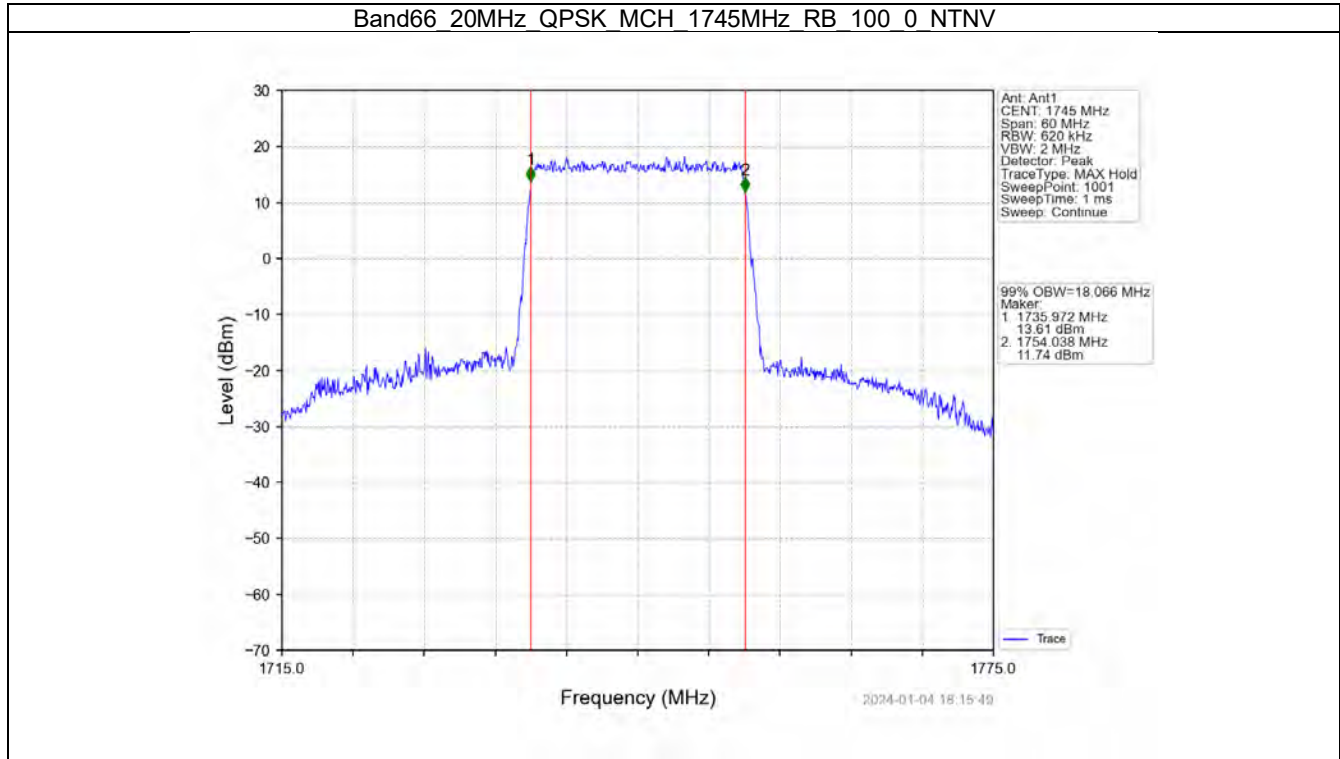


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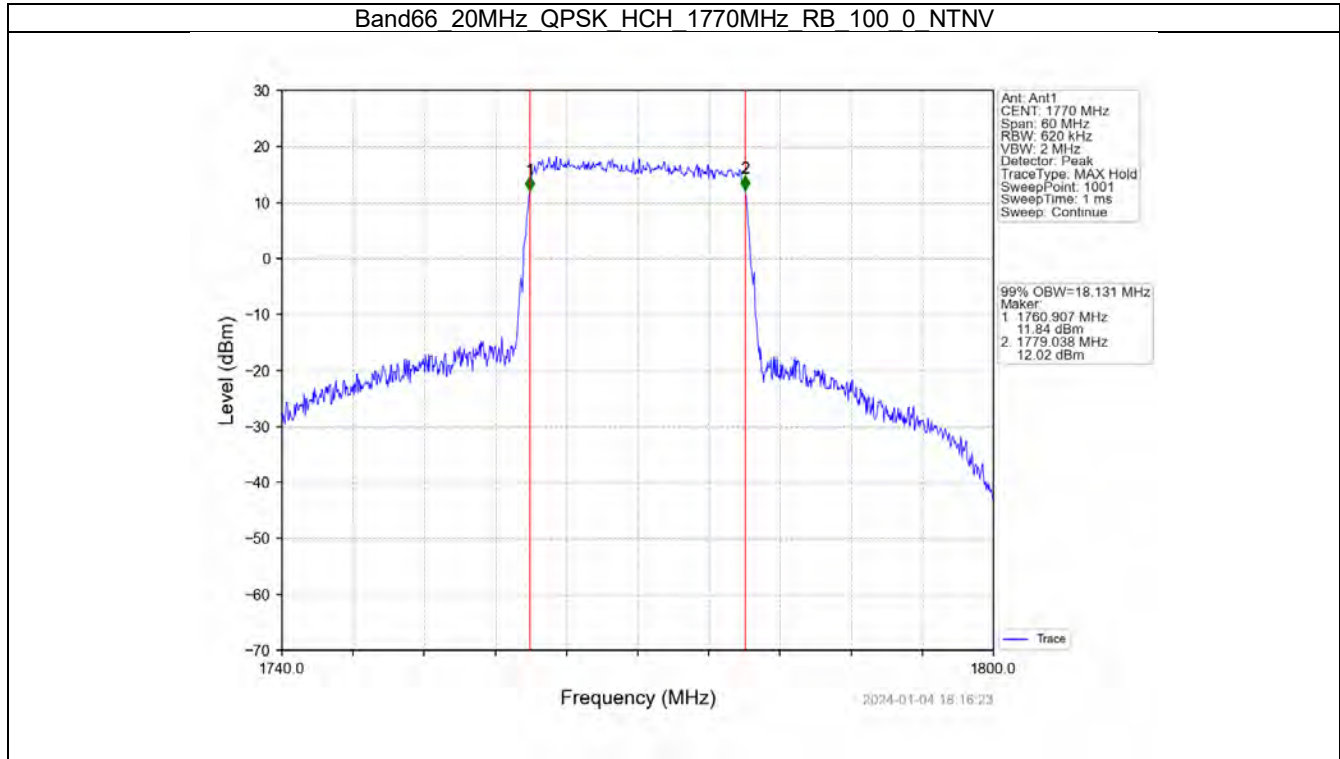
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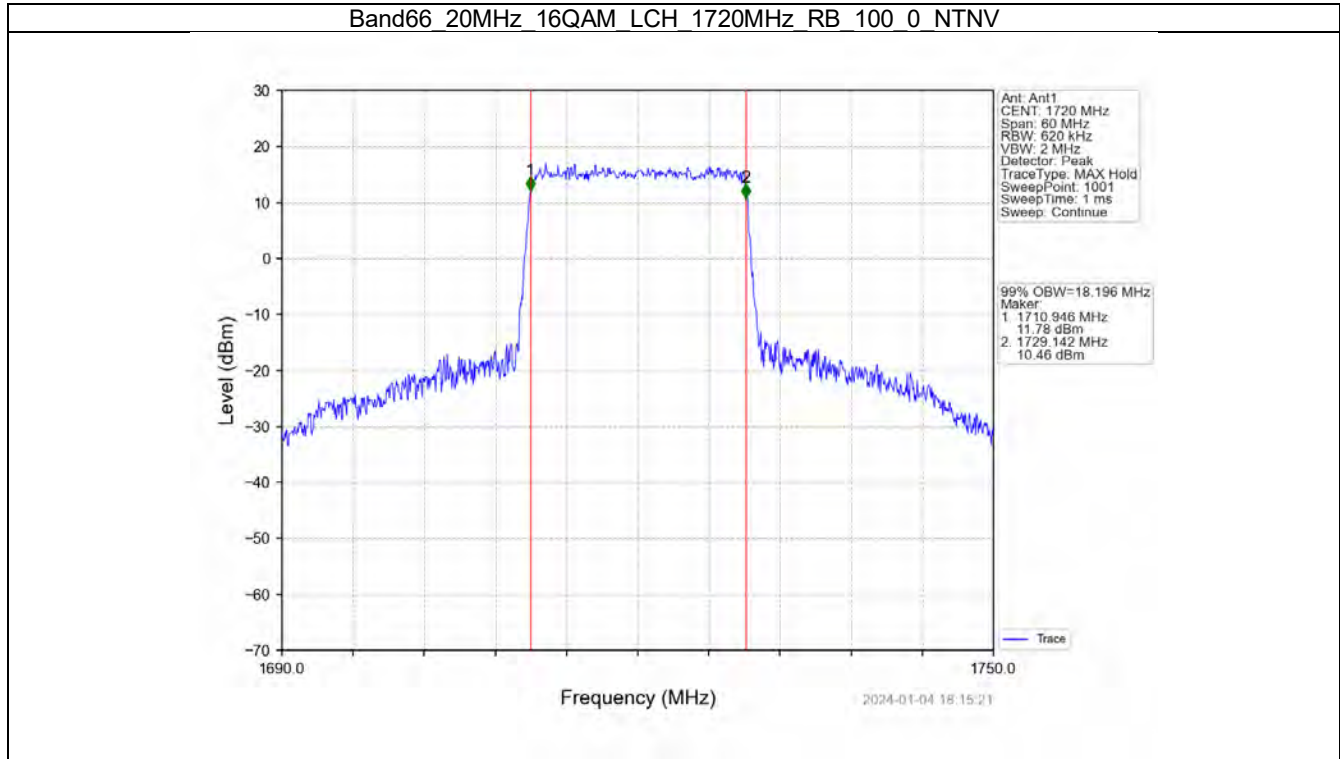
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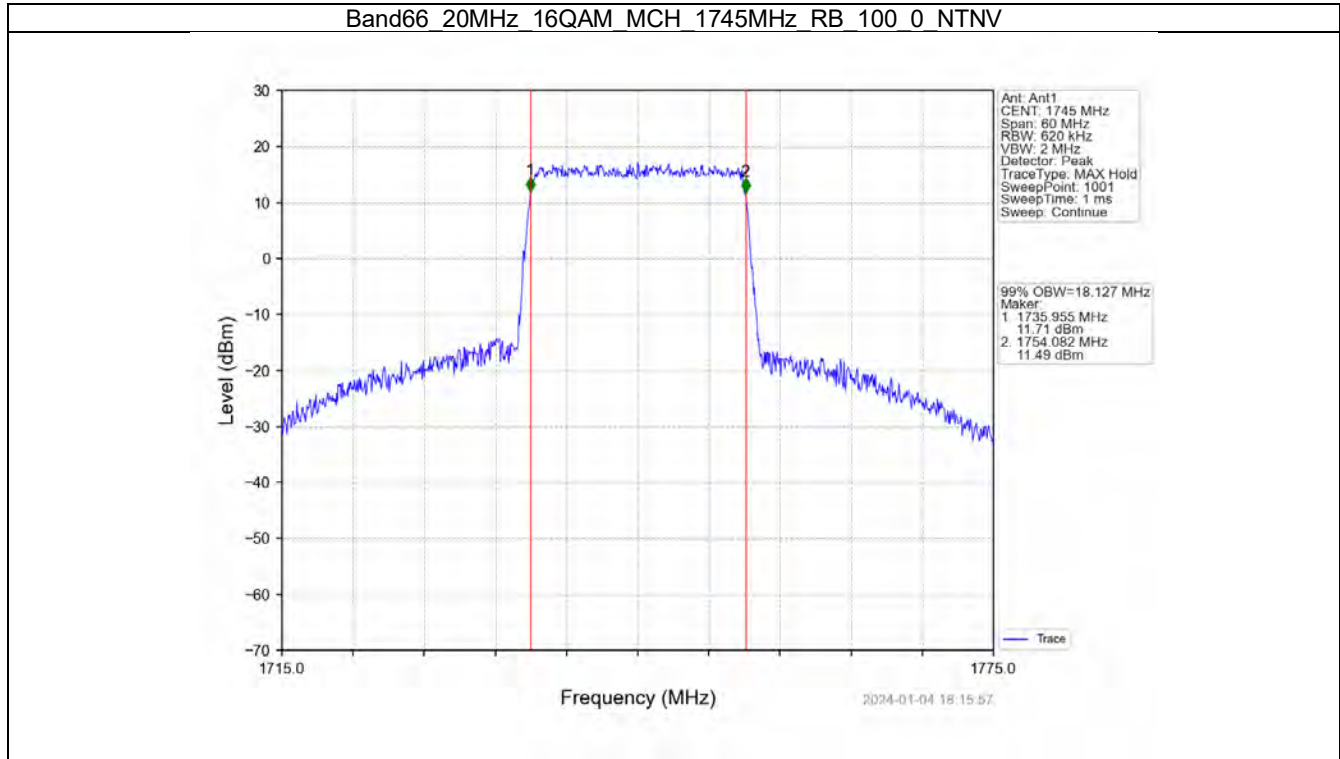
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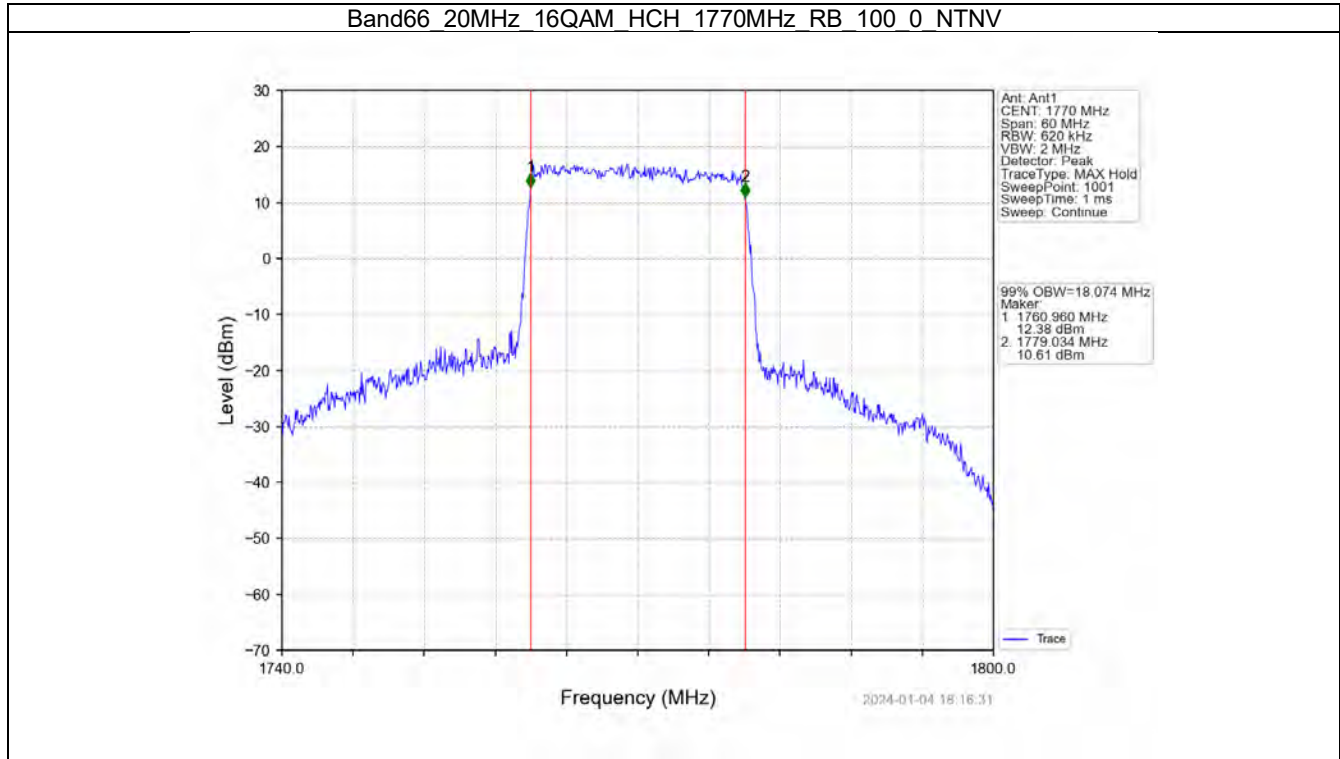
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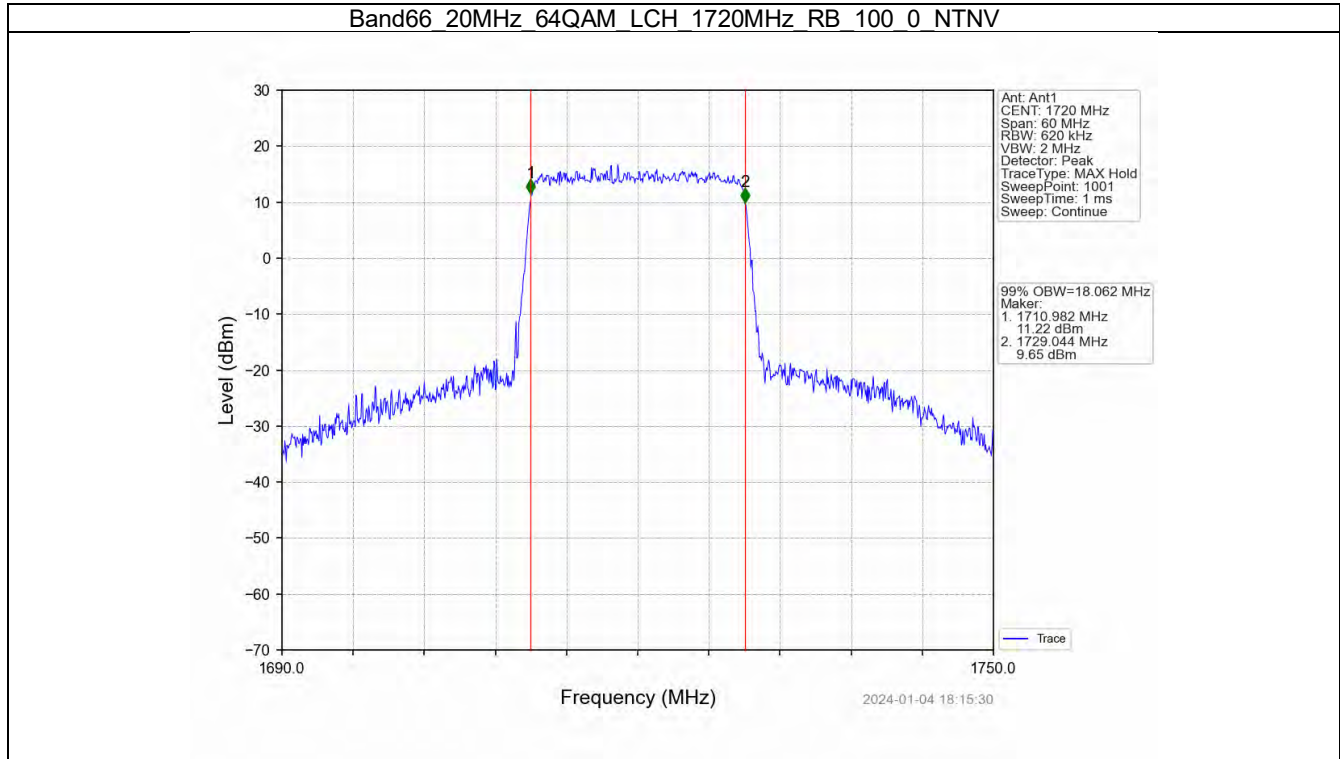
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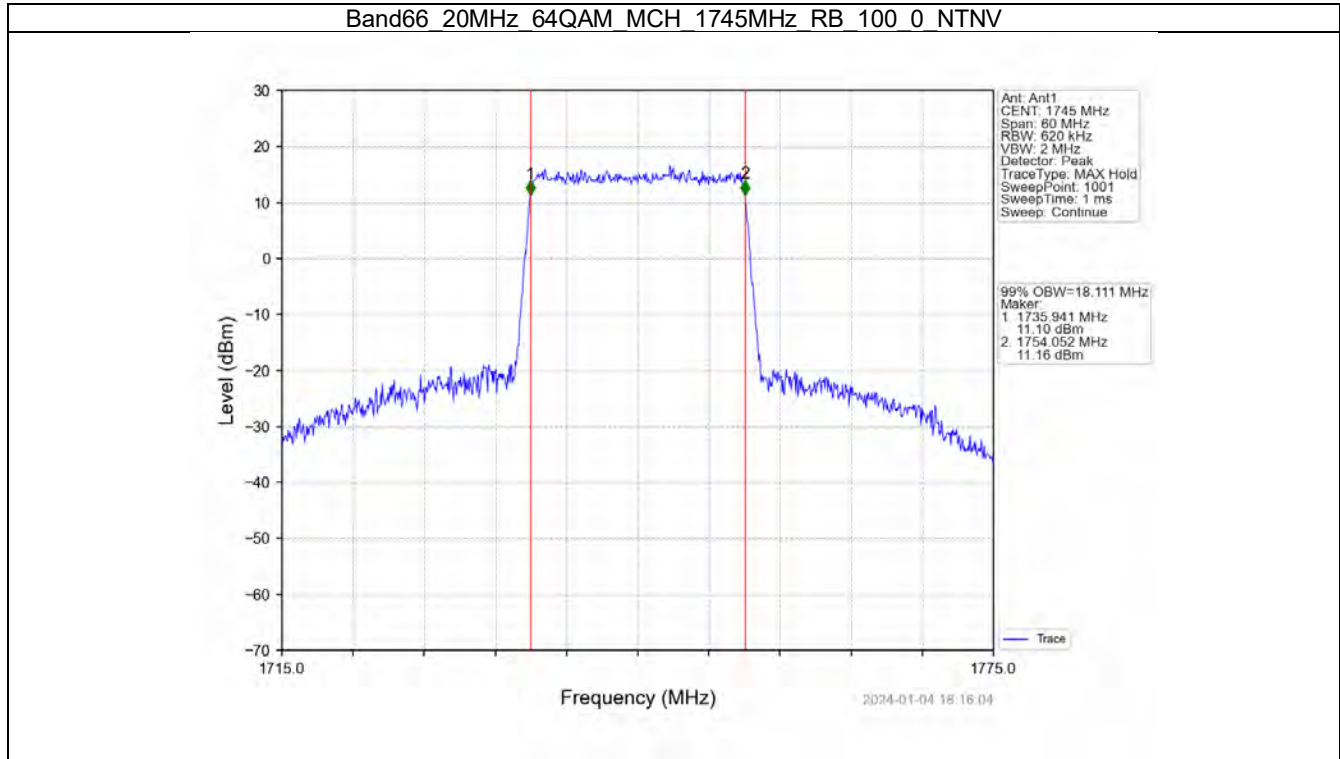
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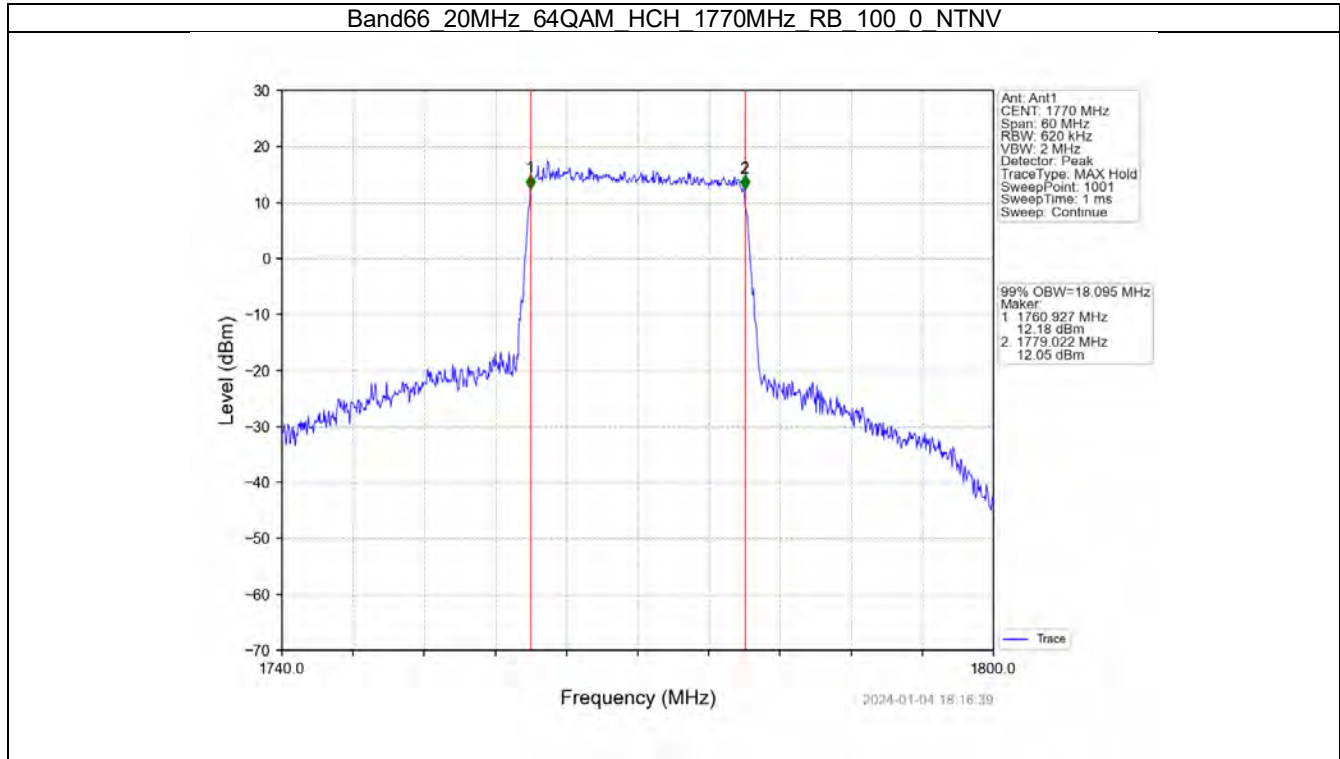


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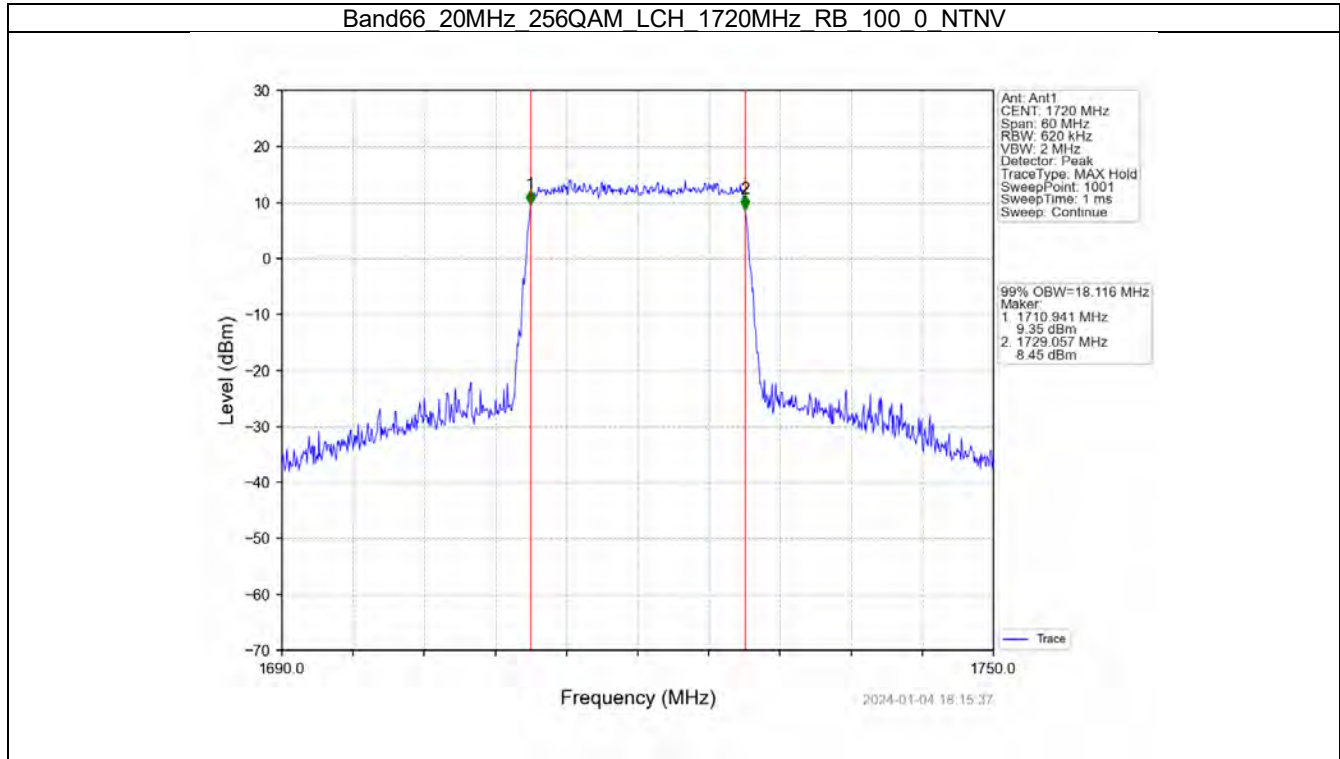
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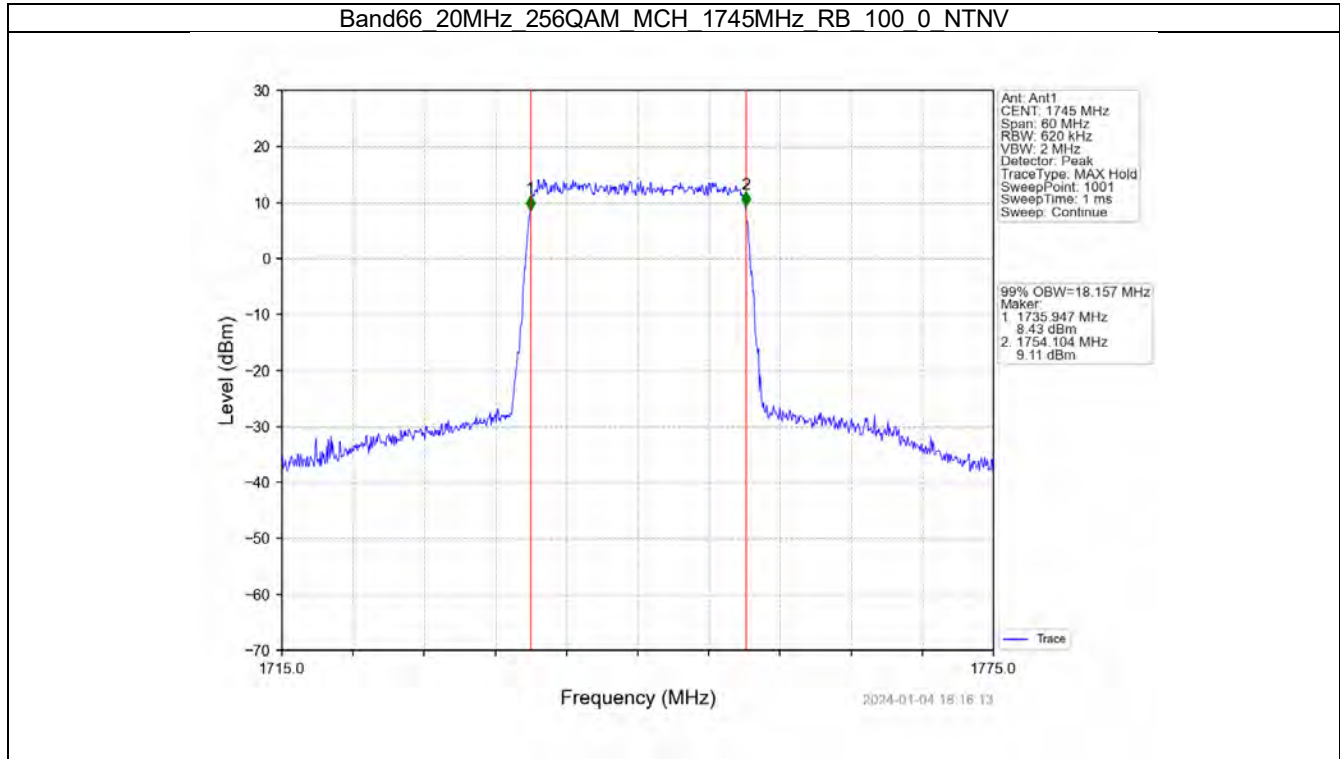
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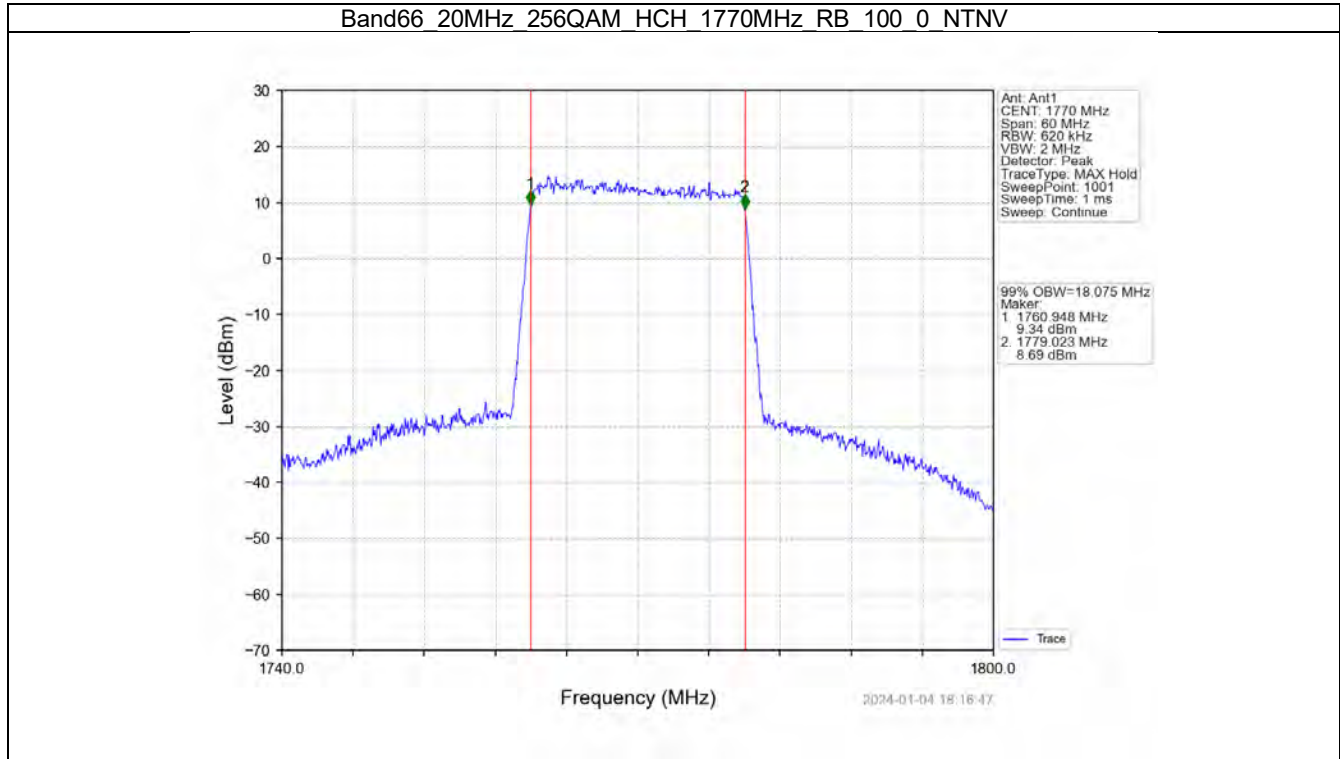


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3.2 Band66_XDB

3.2.1 Test Result

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.333	/	Pass
		1745	6	0	1.318	/	Pass
		1779.3	6	0	1.321	/	Pass
	16QAM	1710.7	6	0	1.307	/	Pass
		1745	6	0	1.309	/	Pass
		1779.3	6	0	1.301	/	Pass
	64QAM	1710.7	6	0	1.342	/	Pass
		1745	6	0	1.328	/	Pass
		1779.3	6	0	1.348	/	Pass
	256QAM	1710.7	6	0	1.331	/	Pass
		1745	6	0	1.319	/	Pass
		1779.3	6	0	1.298	/	Pass
3	QPSK	1711.5	15	0	3.020	/	Pass
		1745	15	0	3.011	/	Pass
		1778.5	15	0	3.032	/	Pass
	16QAM	1711.5	15	0	3.035	/	Pass
		1745	15	0	3.037	/	Pass
		1778.5	15	0	3.041	/	Pass
	64QAM	1711.5	15	0	3.033	/	Pass
		1745	15	0	3.024	/	Pass
		1778.5	15	0	3.016	/	Pass
	256QAM	1711.5	15	0	3.020	/	Pass
		1745	15	0	3.027	/	Pass
		1778.5	15	0	3.033	/	Pass
5	QPSK	1712.5	25	0	5.071	/	Pass
		1745	25	0	5.041	/	Pass
		1777.5	25	0	5.055	/	Pass
	16QAM	1712.5	25	0	5.072	/	Pass
		1745	25	0	5.053	/	Pass
		1777.5	25	0	5.085	/	Pass
	64QAM	1712.5	25	0	5.030	/	Pass
		1745	25	0	5.061	/	Pass
		1777.5	25	0	5.085	/	Pass
	256QAM	1712.5	25	0	5.020	/	Pass
		1745	25	0	5.067	/	Pass
		1777.5	25	0	5.020	/	Pass
10	QPSK	1715	50	0	9.929	/	Pass
		1745	50	0	9.977	/	Pass
		1775	50	0	10.015	/	Pass
	16QAM	1715	50	0	9.948	/	Pass



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	64QAM	1745	50	0	9.922	/	Pass	
		1775	50	0	10.008	/	Pass	
		1715	50	0	10.018	/	Pass	
	256QAM	64QAM	1745	50	0	9.973	/	Pass
			1775	50	0	9.899	/	Pass
		16QAM	1715	50	0	9.960	/	Pass
			1745	50	0	9.905	/	Pass
			1775	50	0	10.067	/	Pass
			1717.5	75	0	14.969	/	Pass
15	QPSK	1745	75	0	14.898	/	Pass	
		1772.5	75	0	15.067	/	Pass	
		1717.5	75	0	14.987	/	Pass	
	16QAM	1745	75	0	14.948	/	Pass	
		1772.5	75	0	14.802	/	Pass	
		1717.5	75	0	14.927	/	Pass	
	64QAM	1745	75	0	14.951	/	Pass	
		1772.5	75	0	14.989	/	Pass	
		256QAM	1717.5	75	0	15.046	/	Pass
			1745	75	0	14.984	/	Pass
			1772.5	75	0	14.948	/	Pass
		20	QPSK	1720	100	0	19.682	/
	1745			100	0	19.892	/	Pass
	1770			100	0	19.889	/	Pass
	16QAM		1720	100	0	19.917	/	Pass
1745			100	0	19.808	/	Pass	
1770			100	0	19.741	/	Pass	
64QAM	1720		100	0	19.833	/	Pass	
	1745		100	0	19.767	/	Pass	
	1770		100	0	19.697	/	Pass	
256QAM	1720		100	0	19.681	/	Pass	
	1745		100	0	19.740	/	Pass	
	1770		100	0	19.714	/	Pass	



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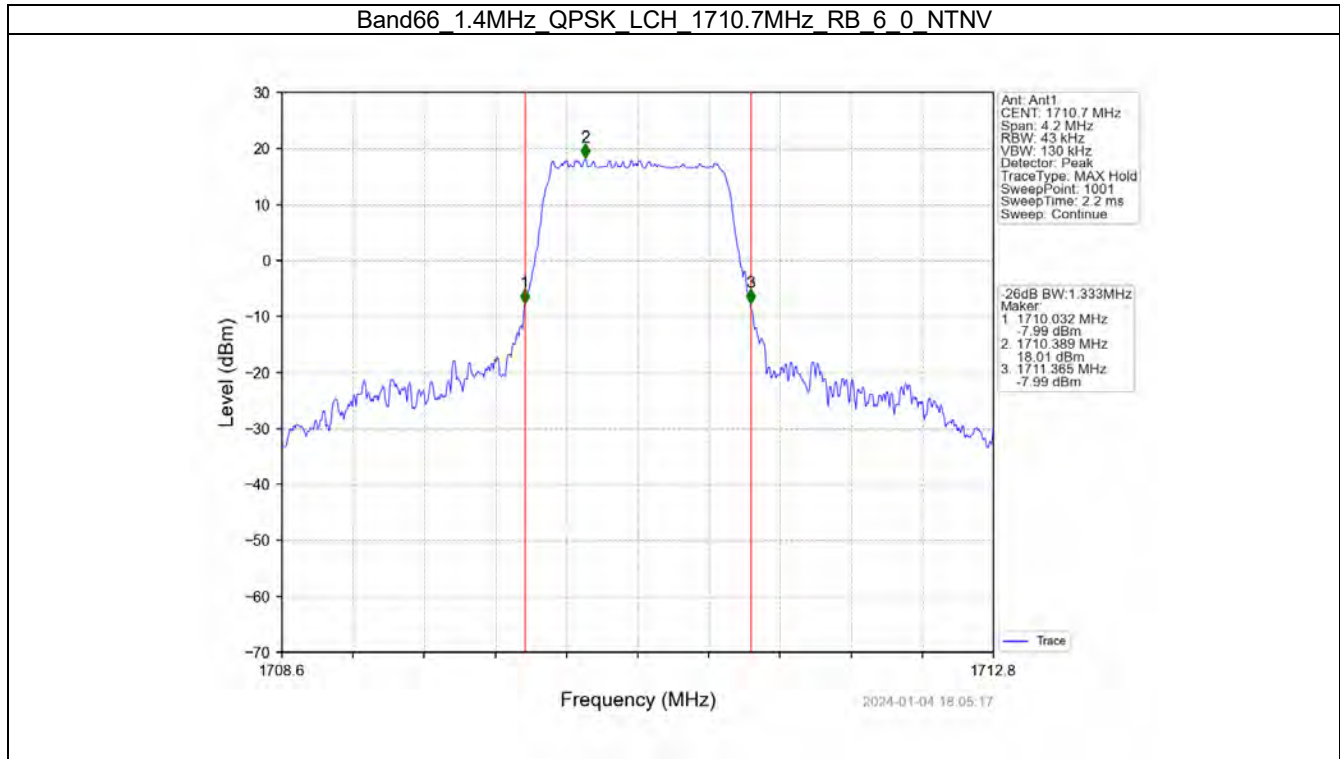
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3.2.2 Test Graph



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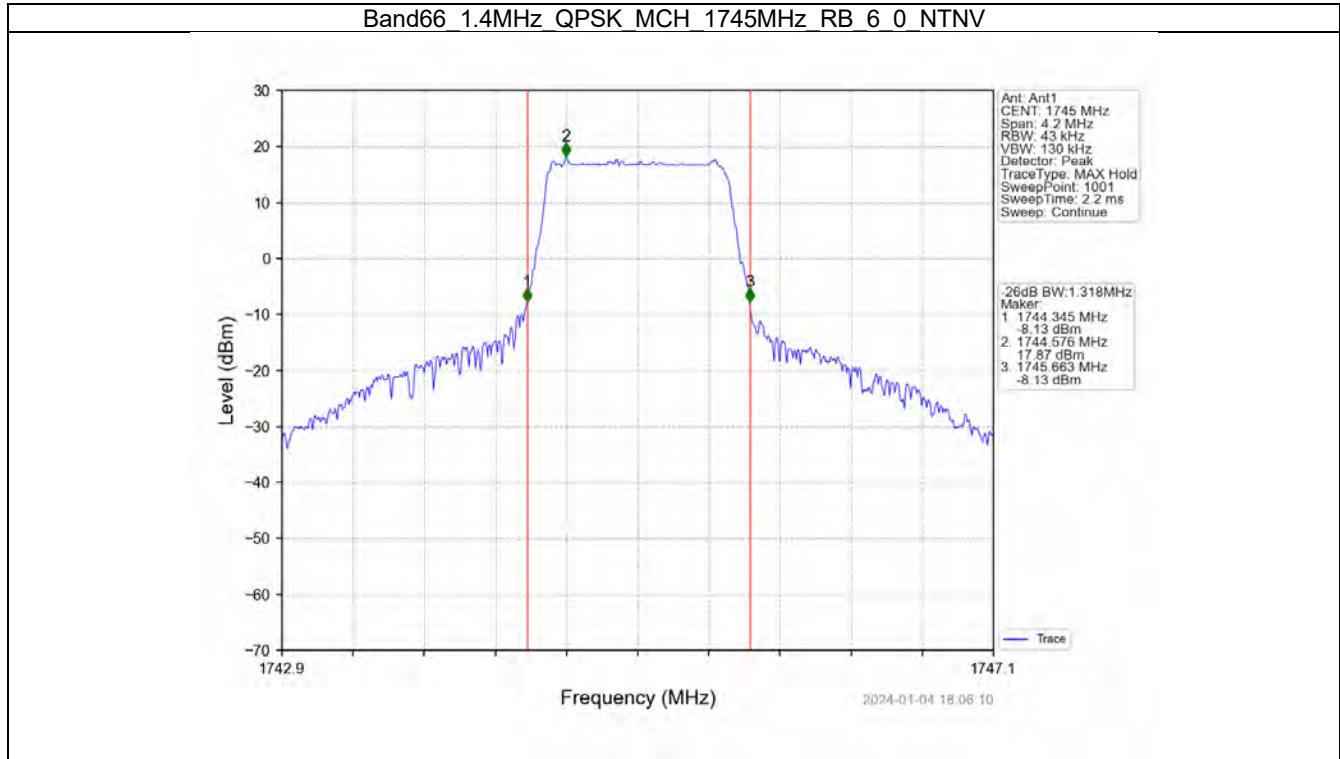
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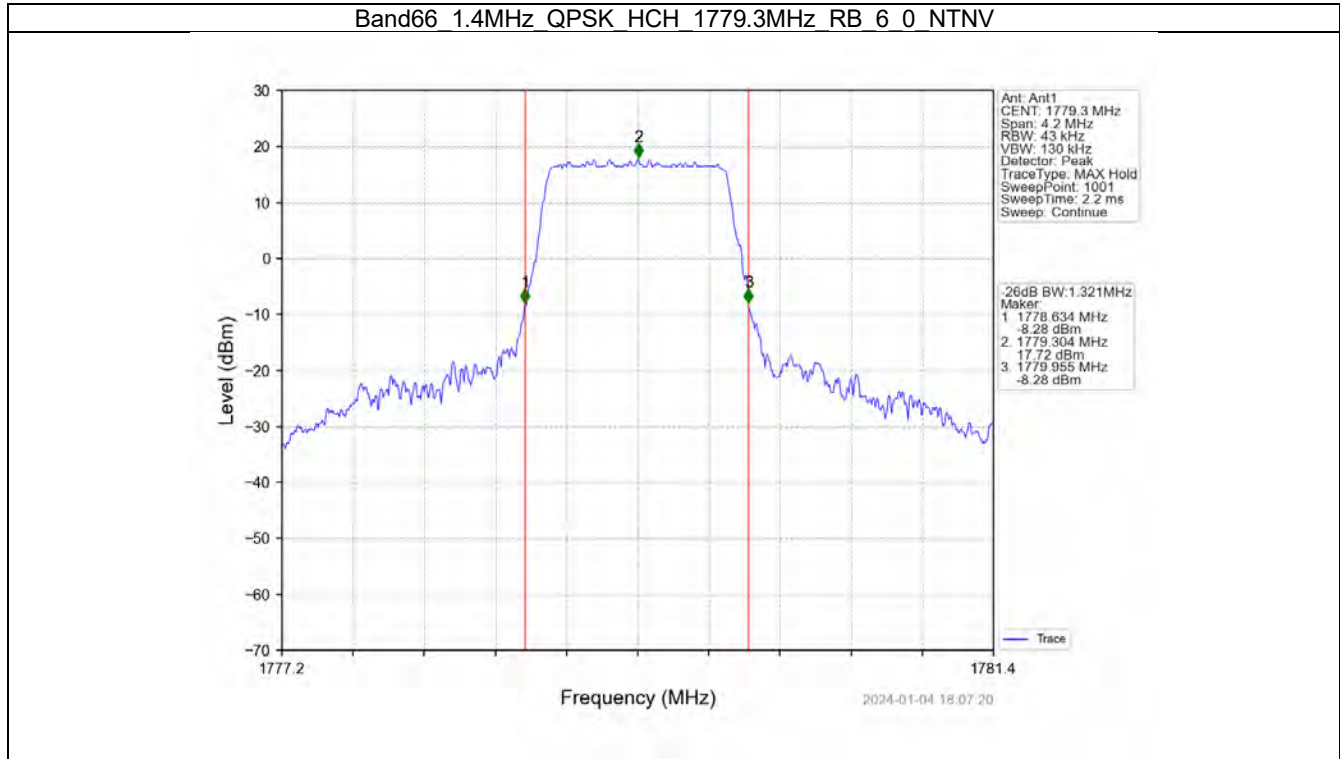
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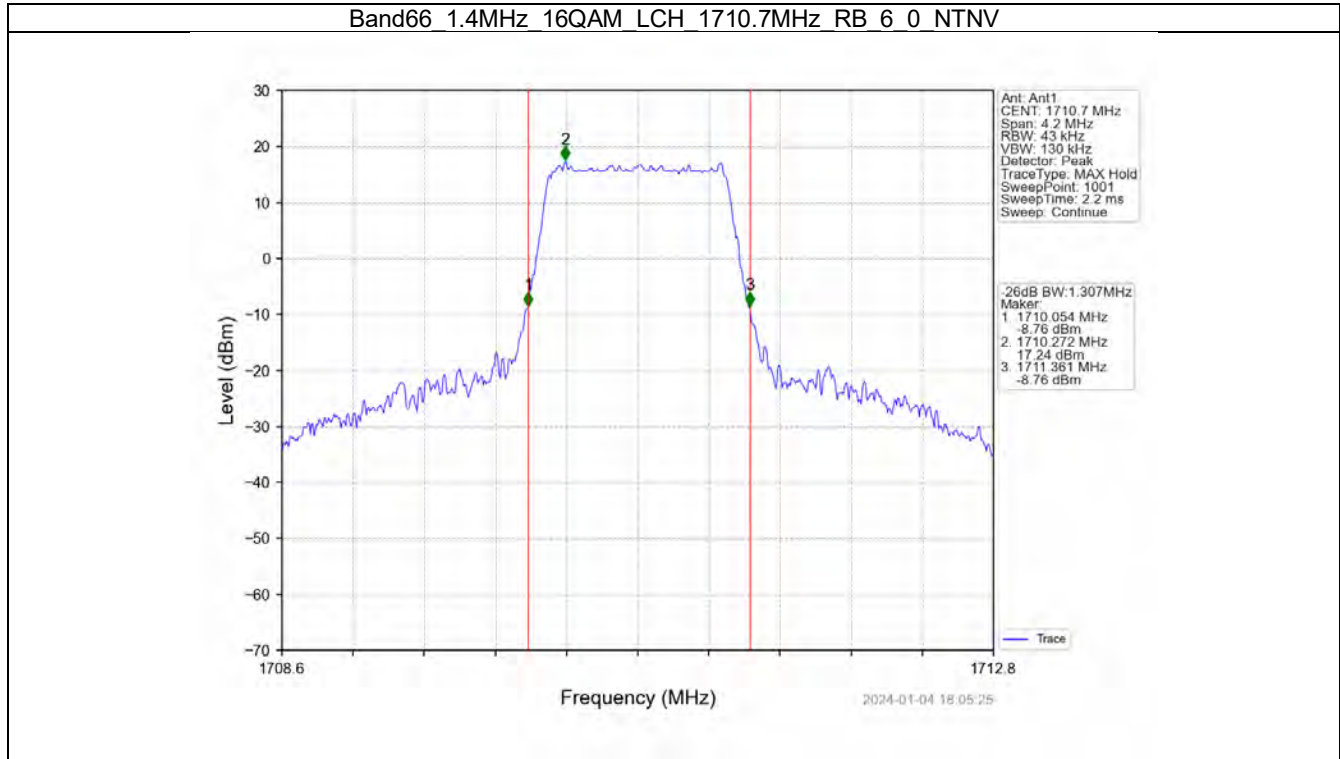
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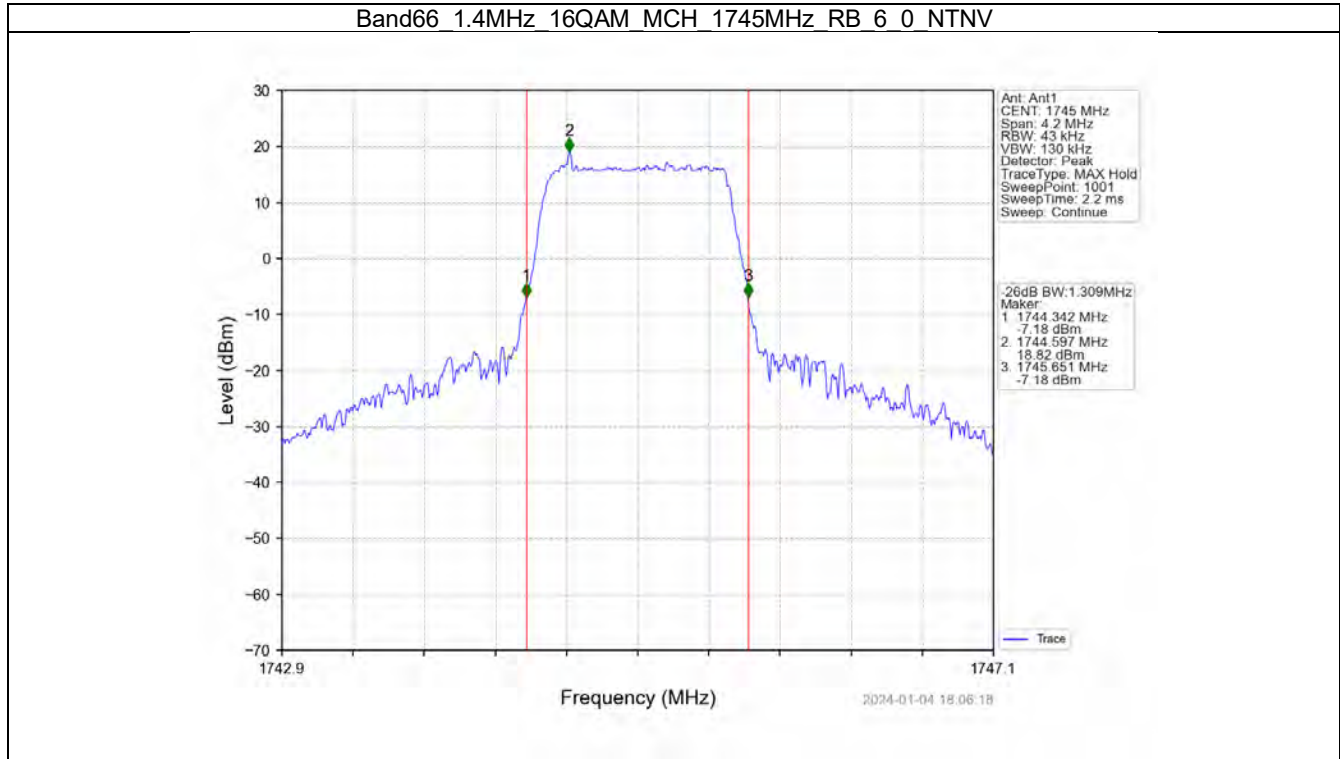
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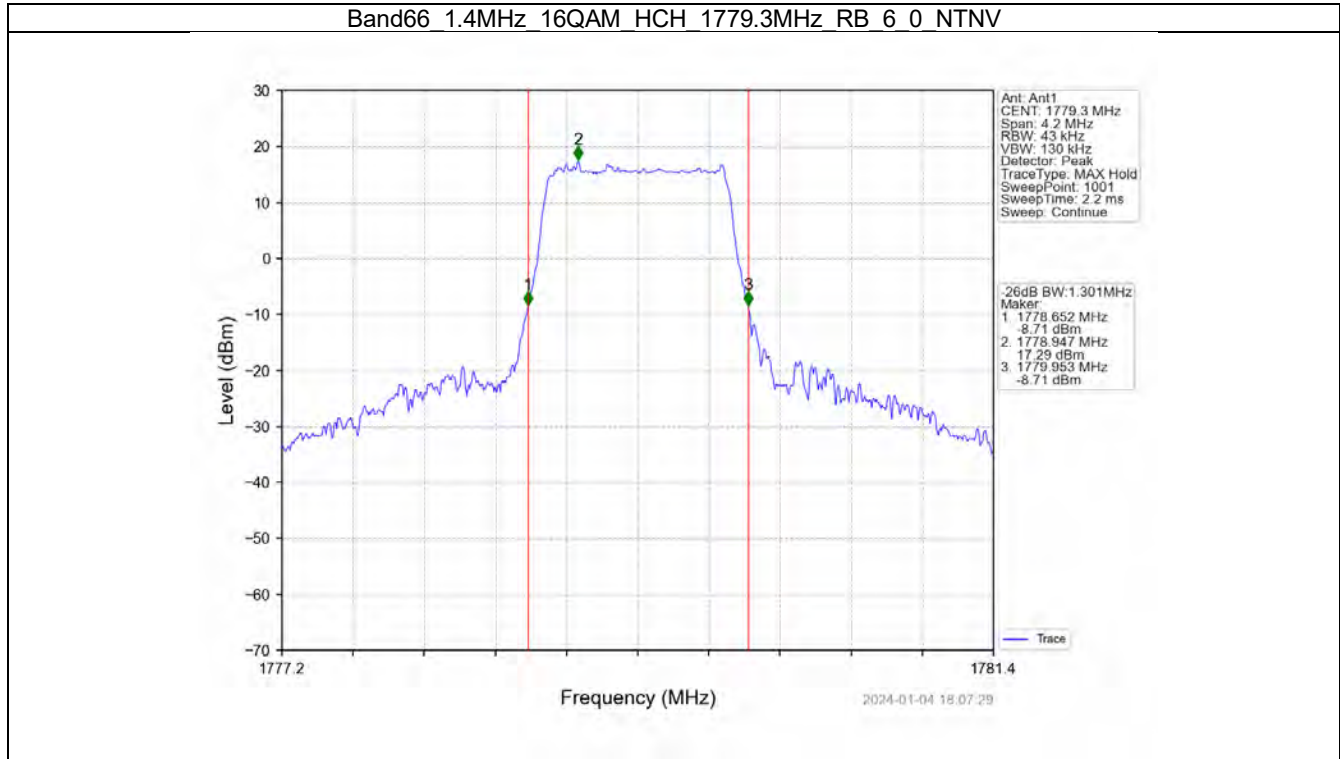
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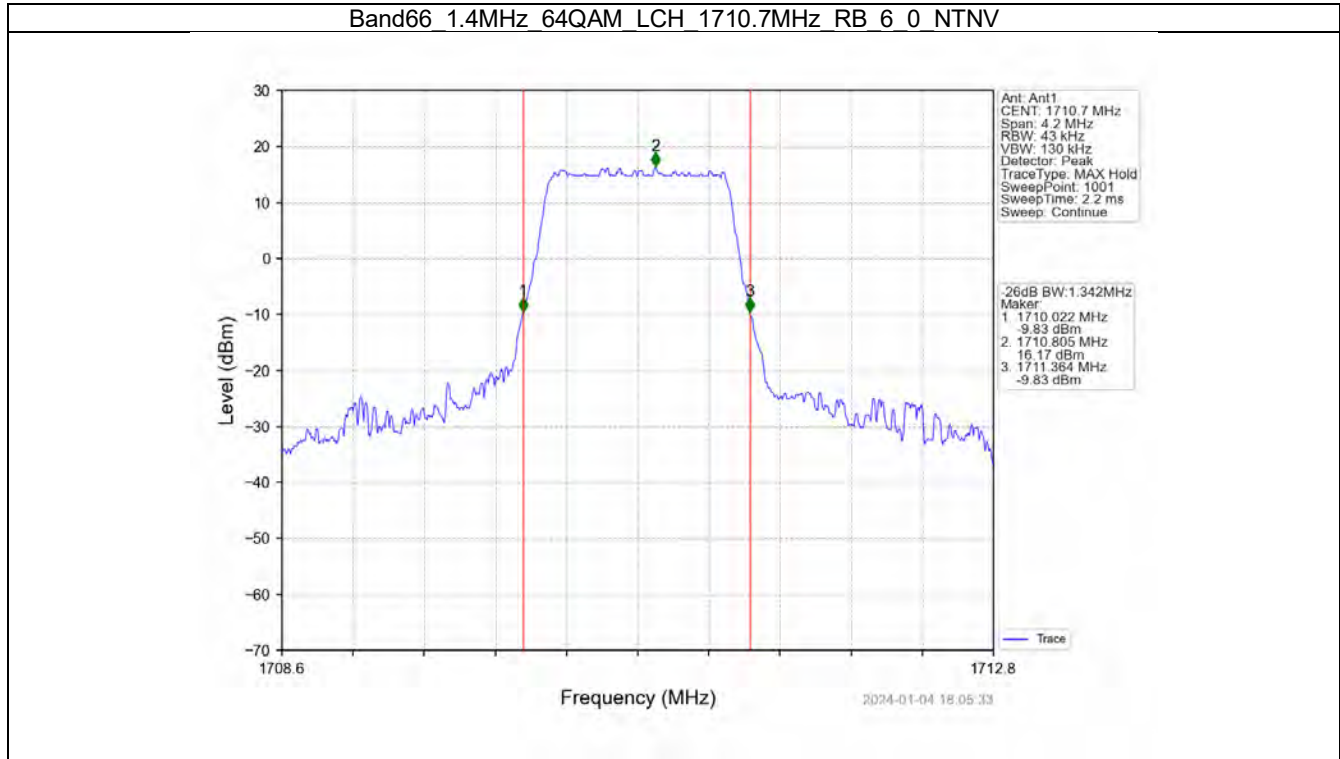
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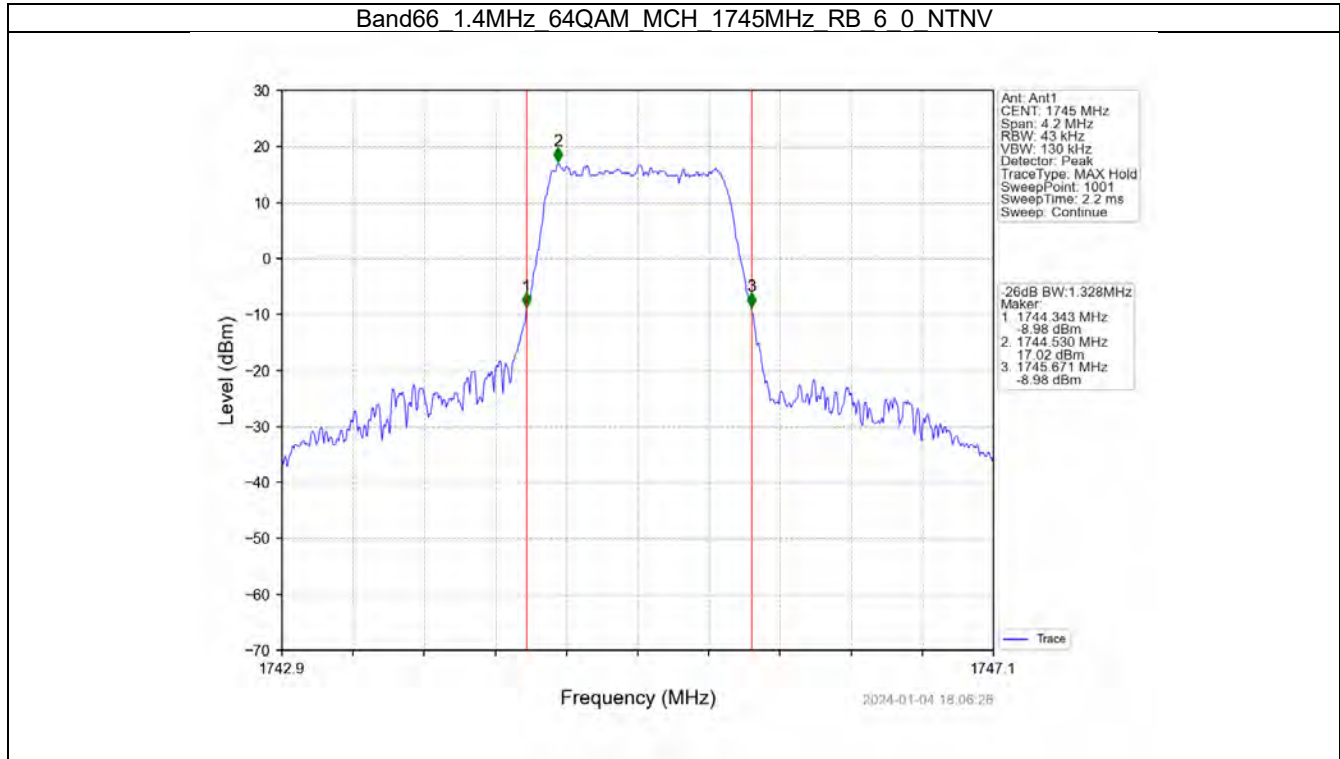
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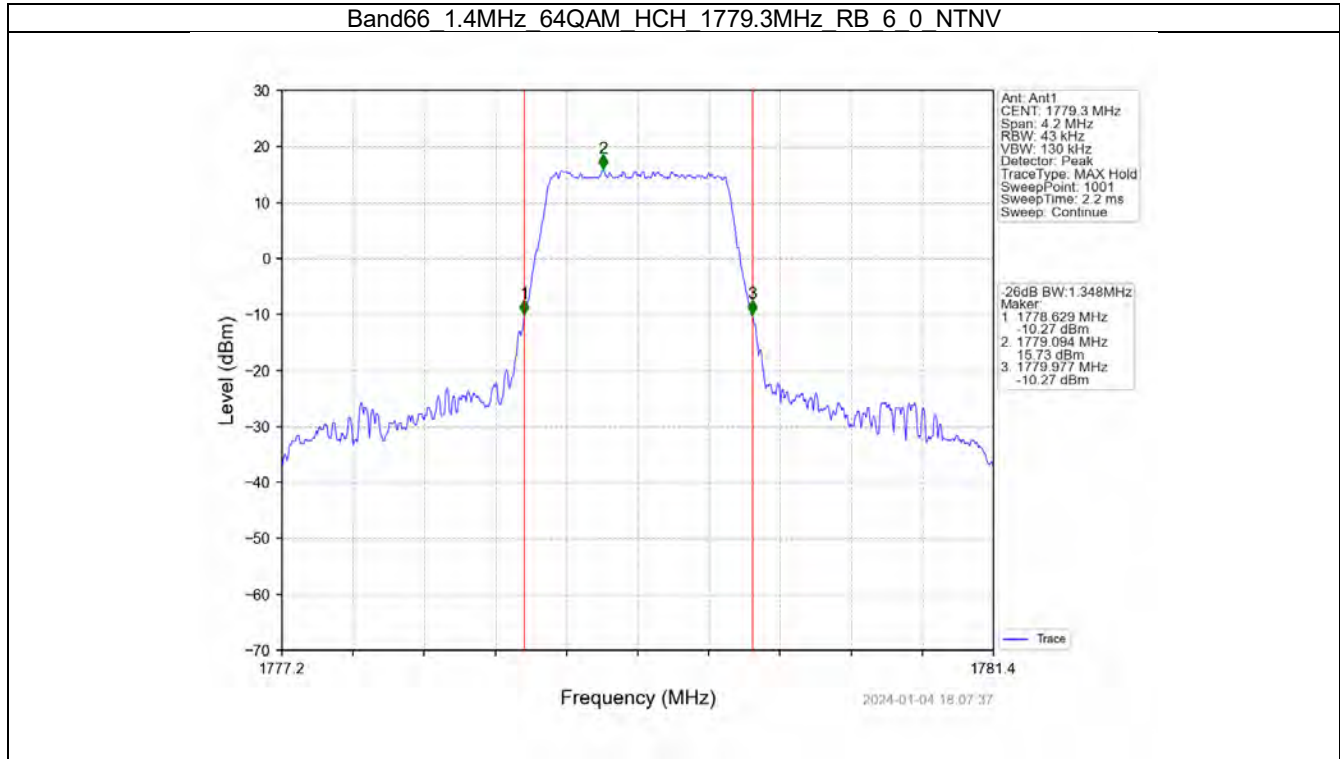
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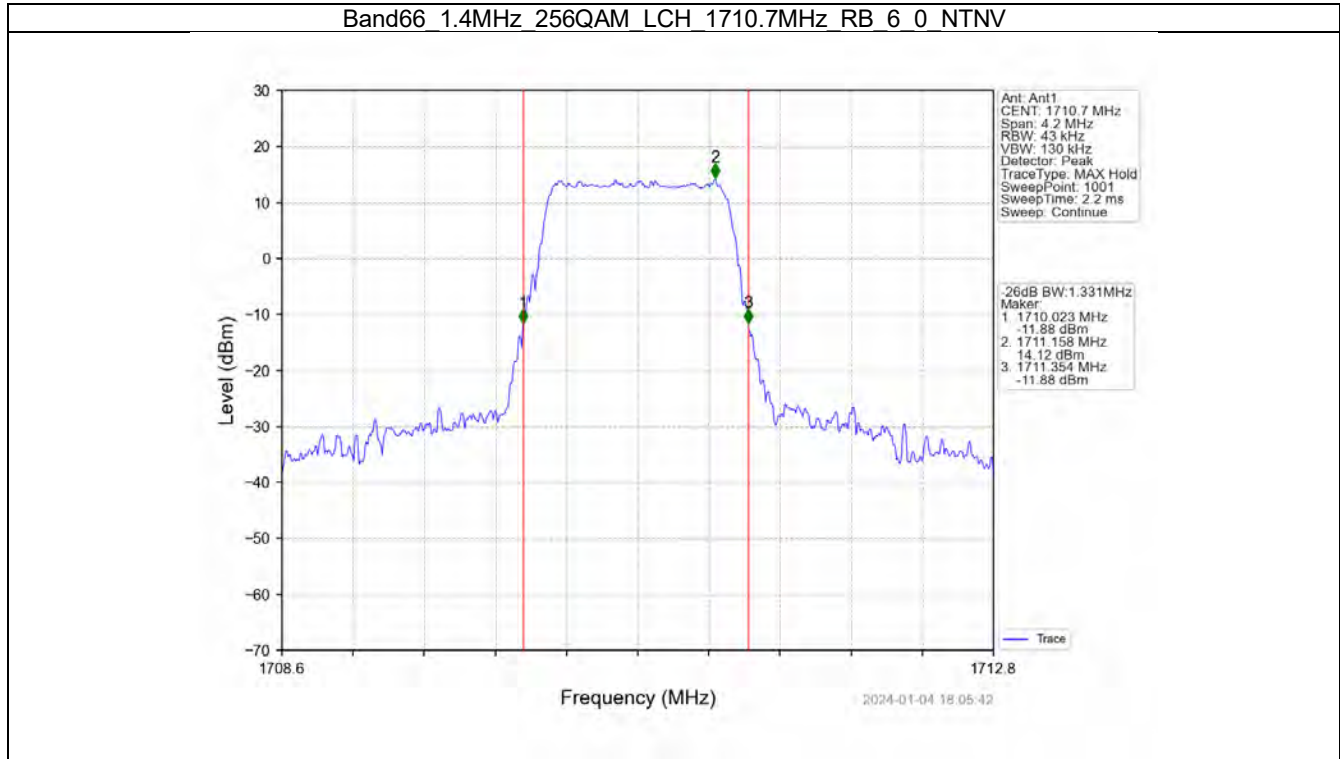
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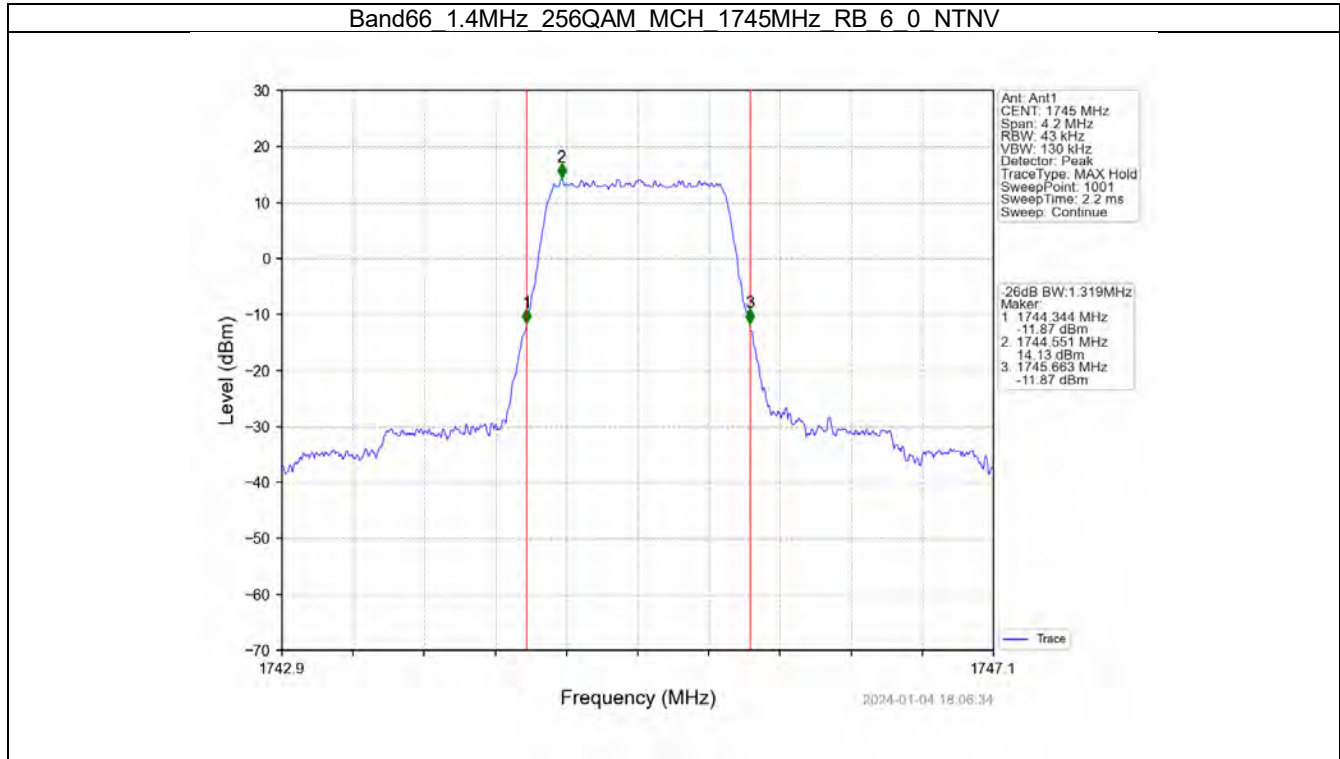
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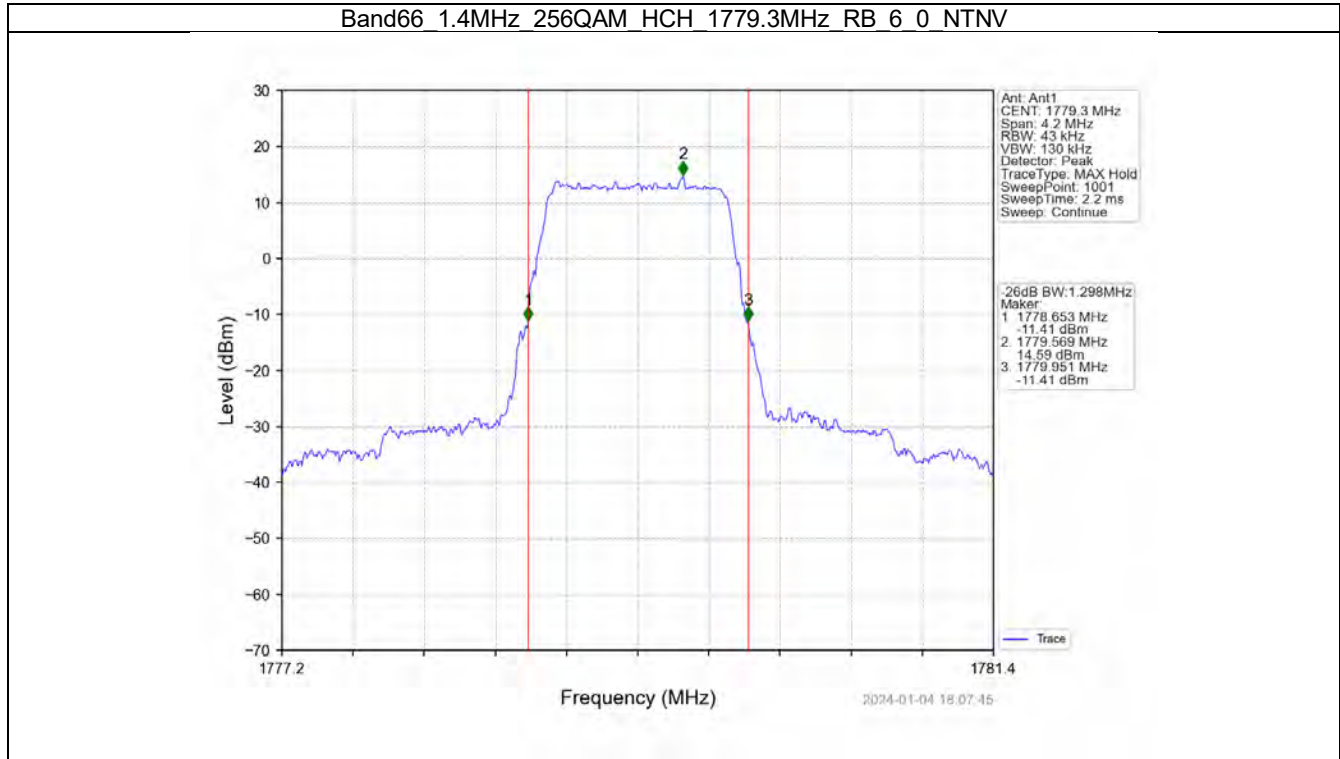
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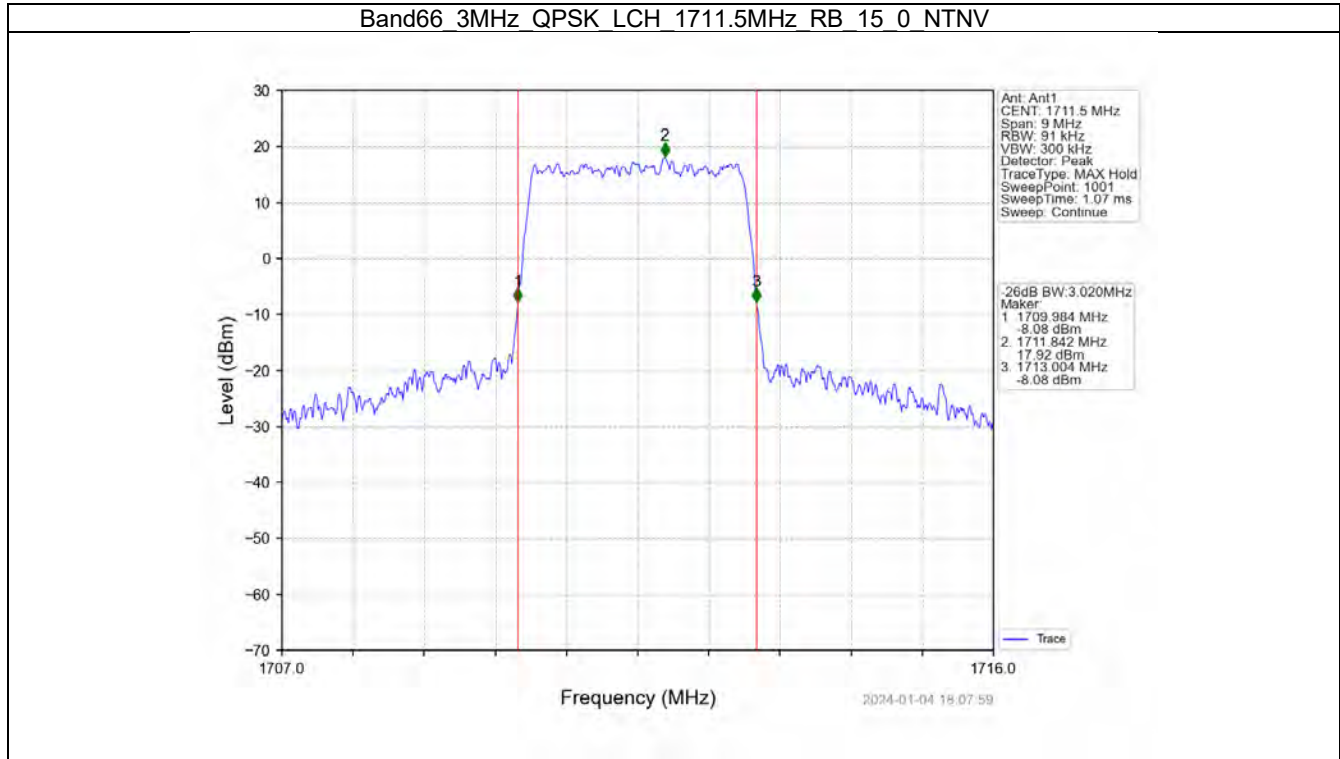
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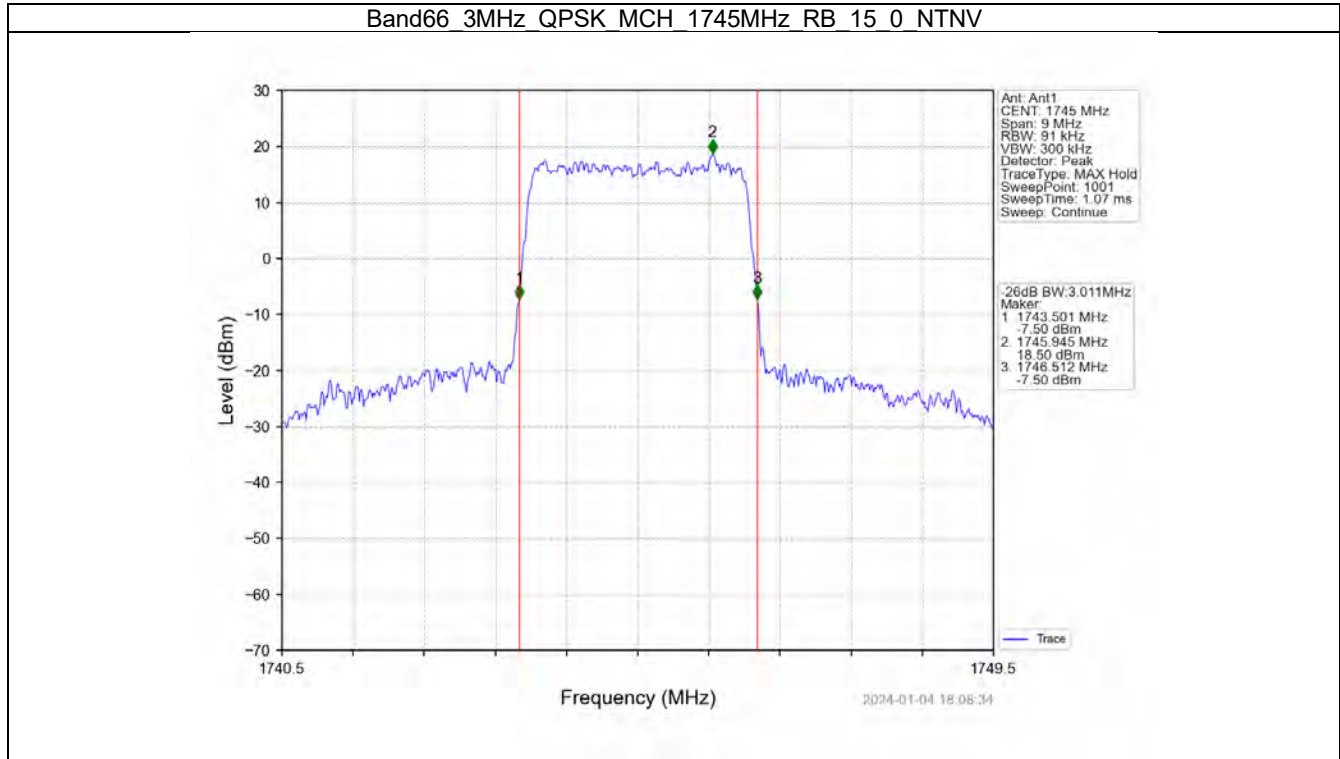
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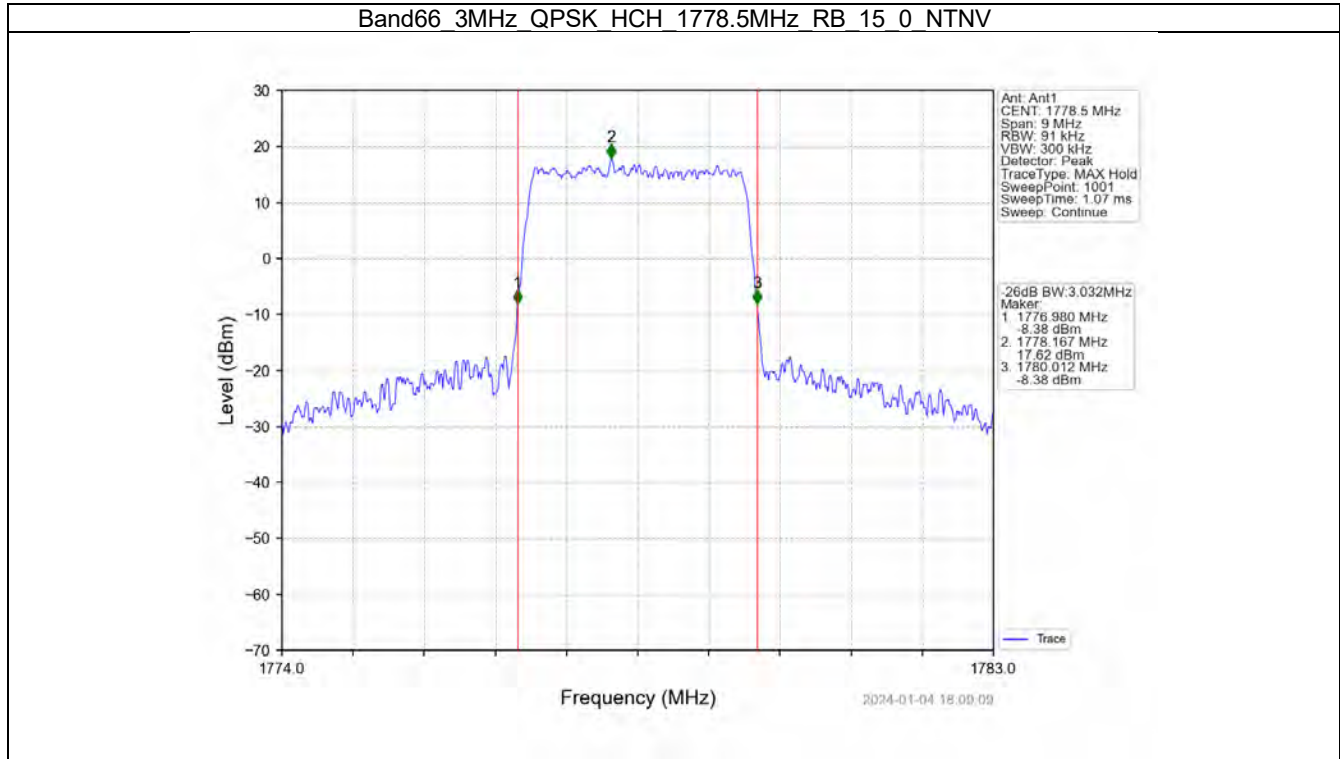
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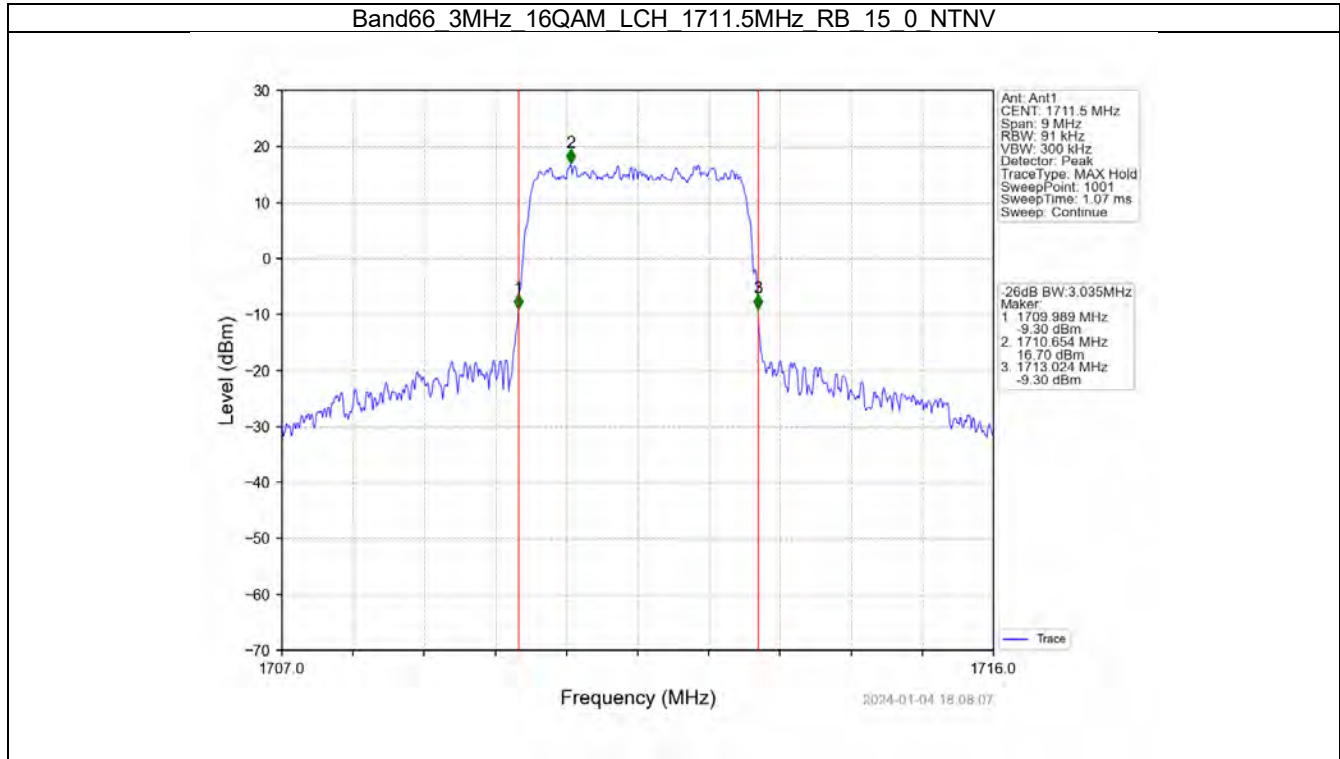
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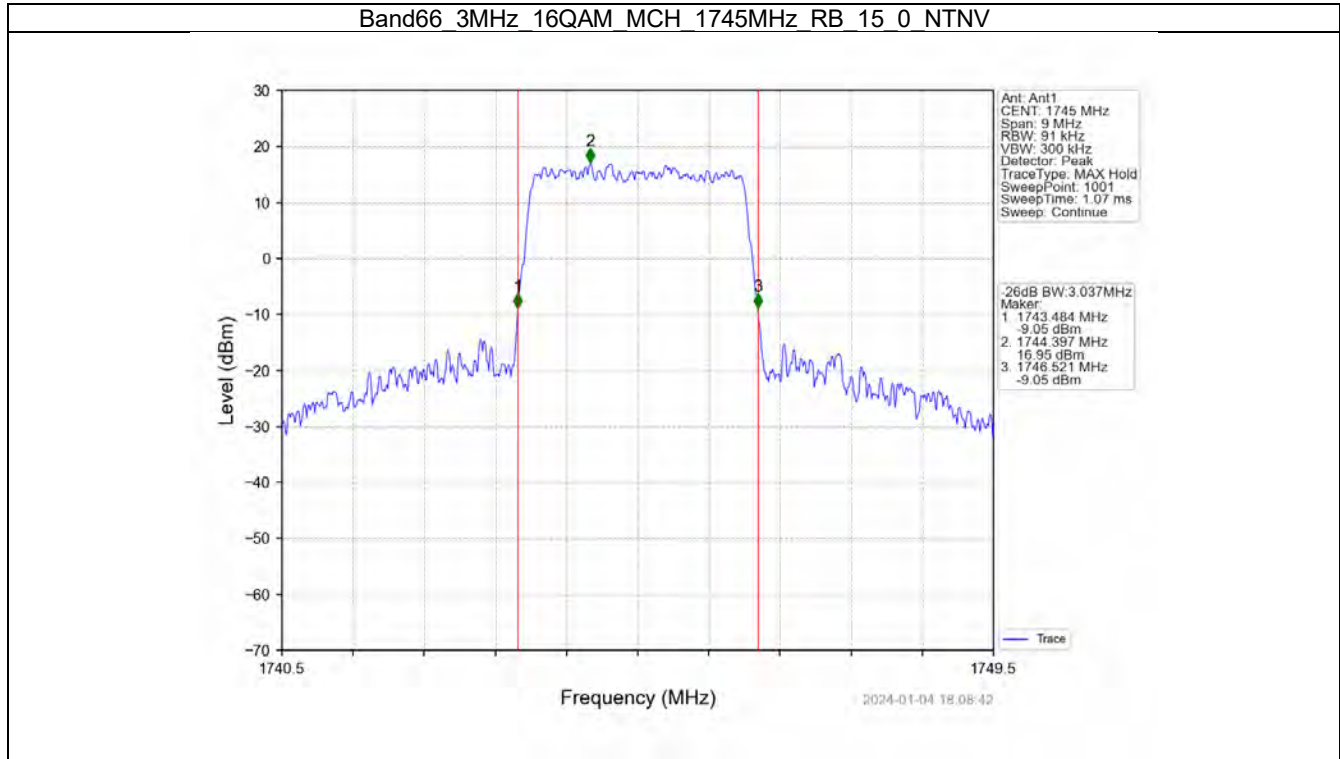


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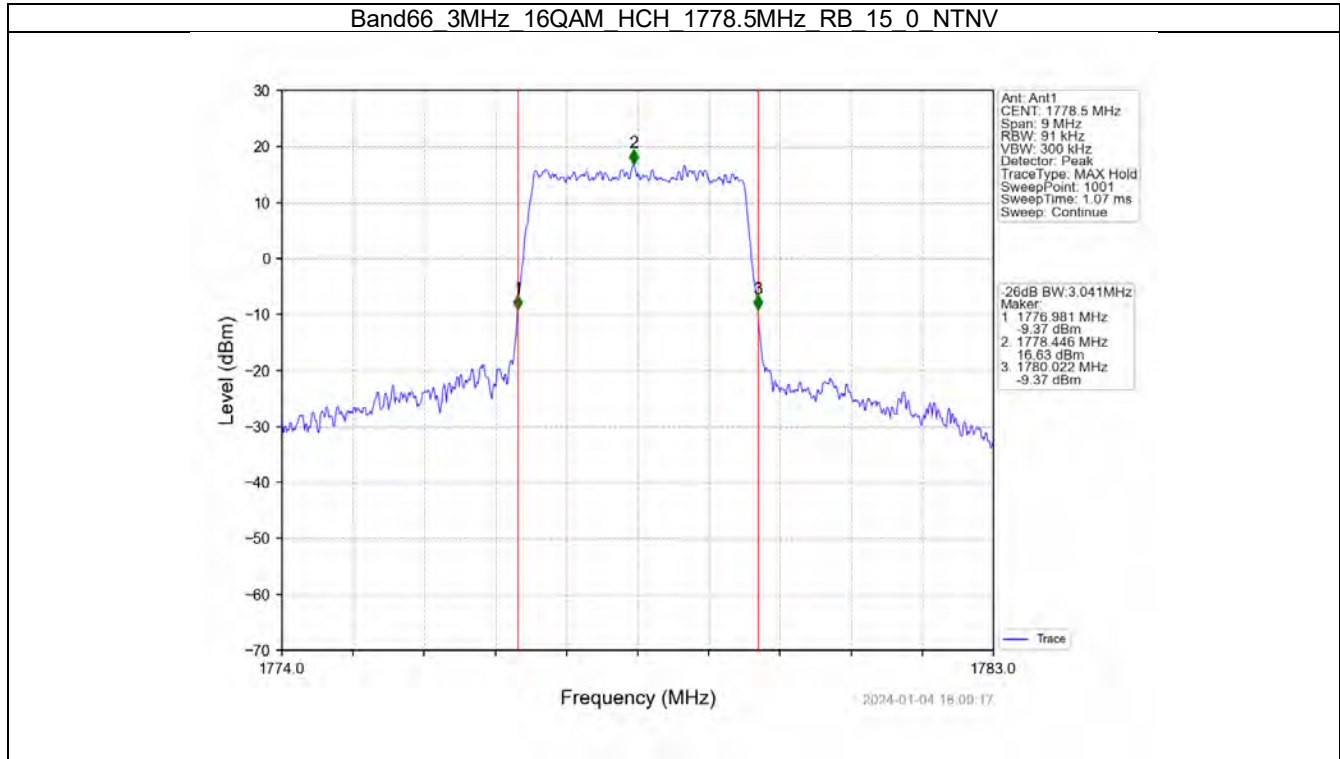
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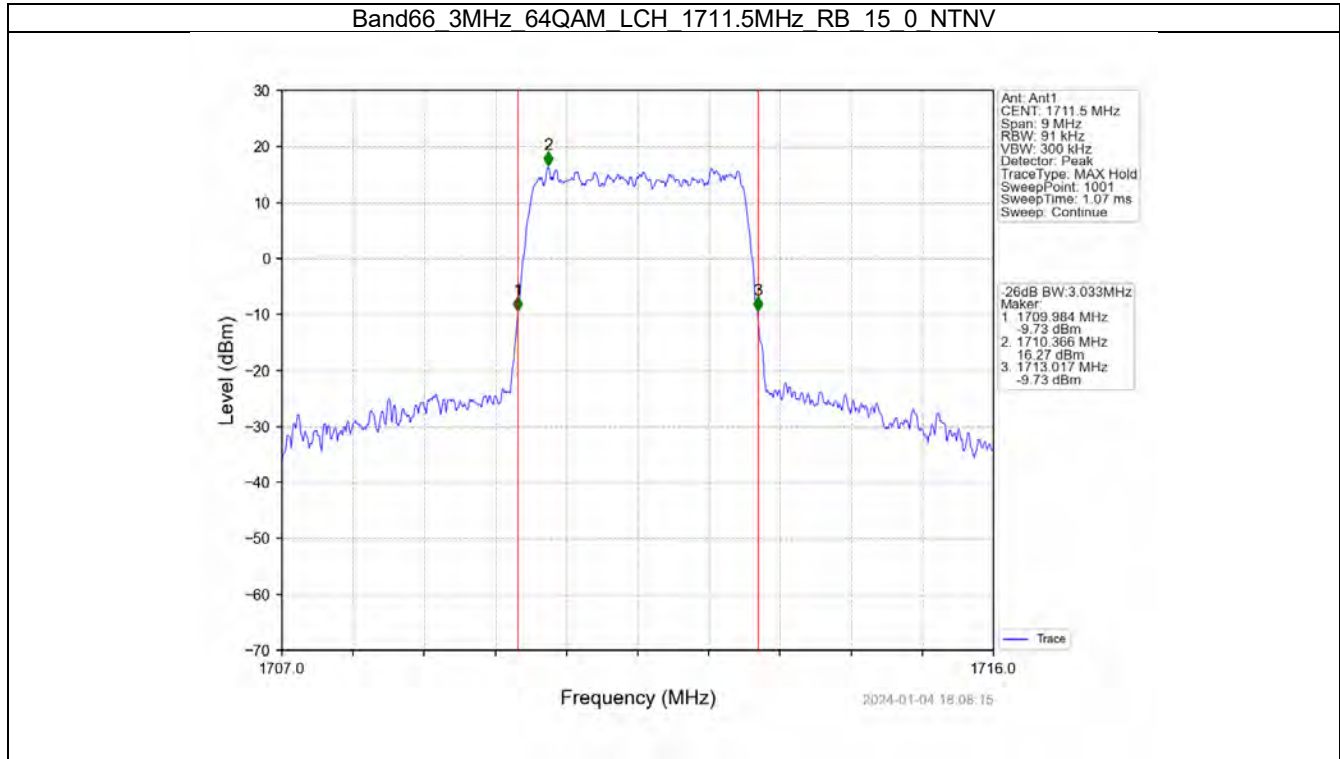
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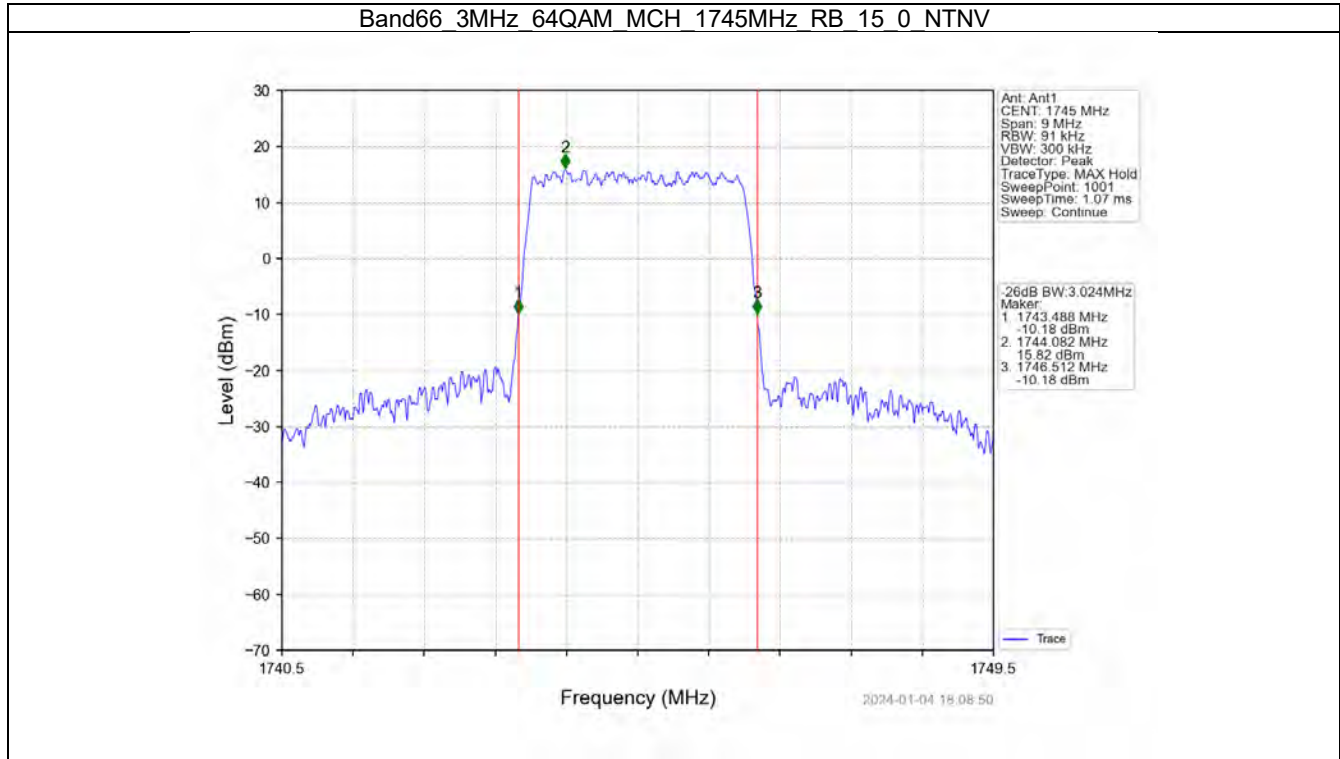
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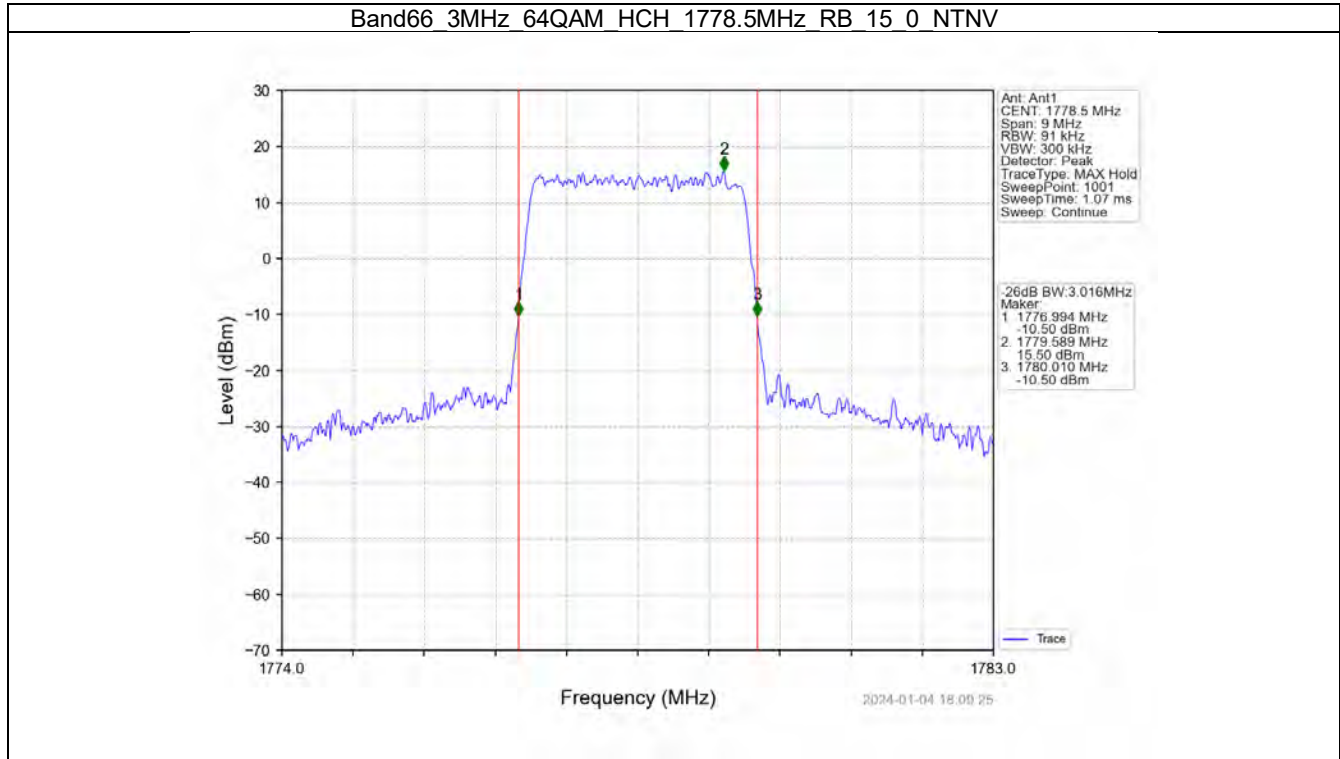
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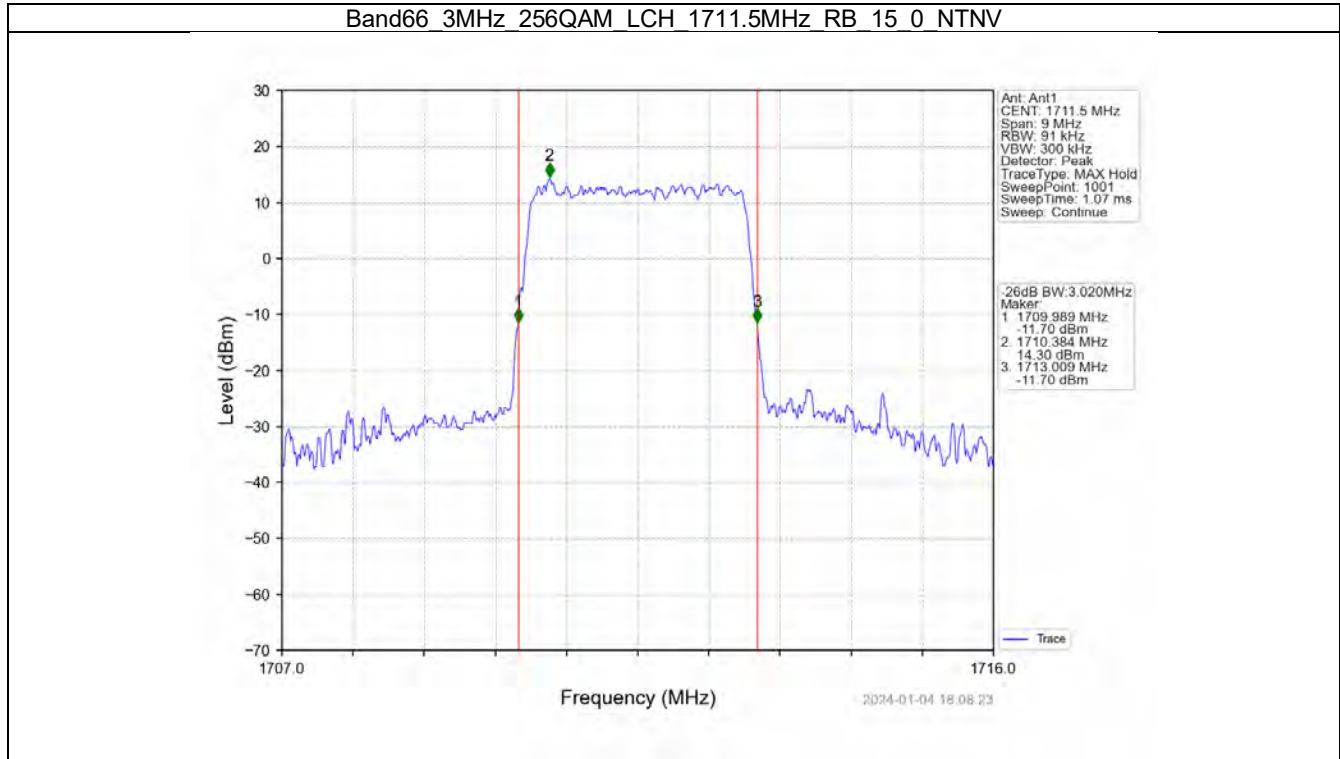
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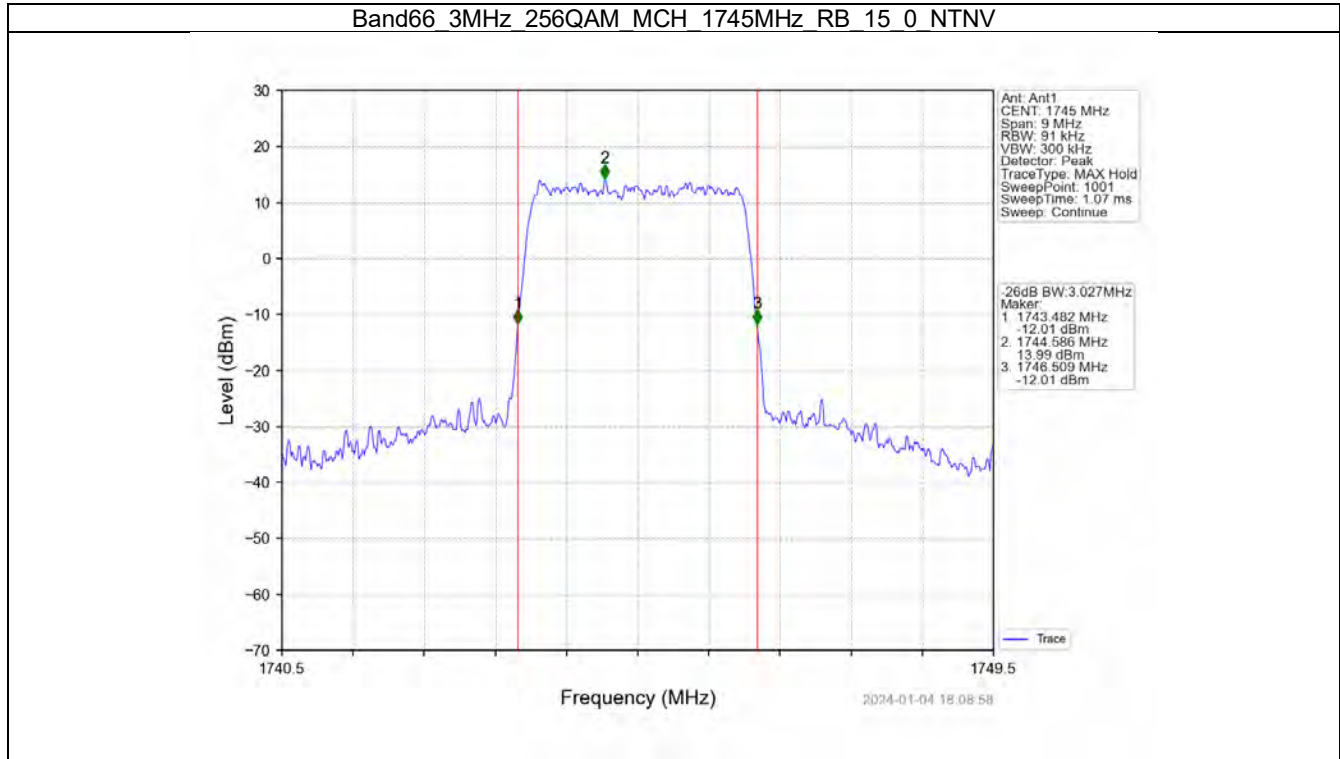
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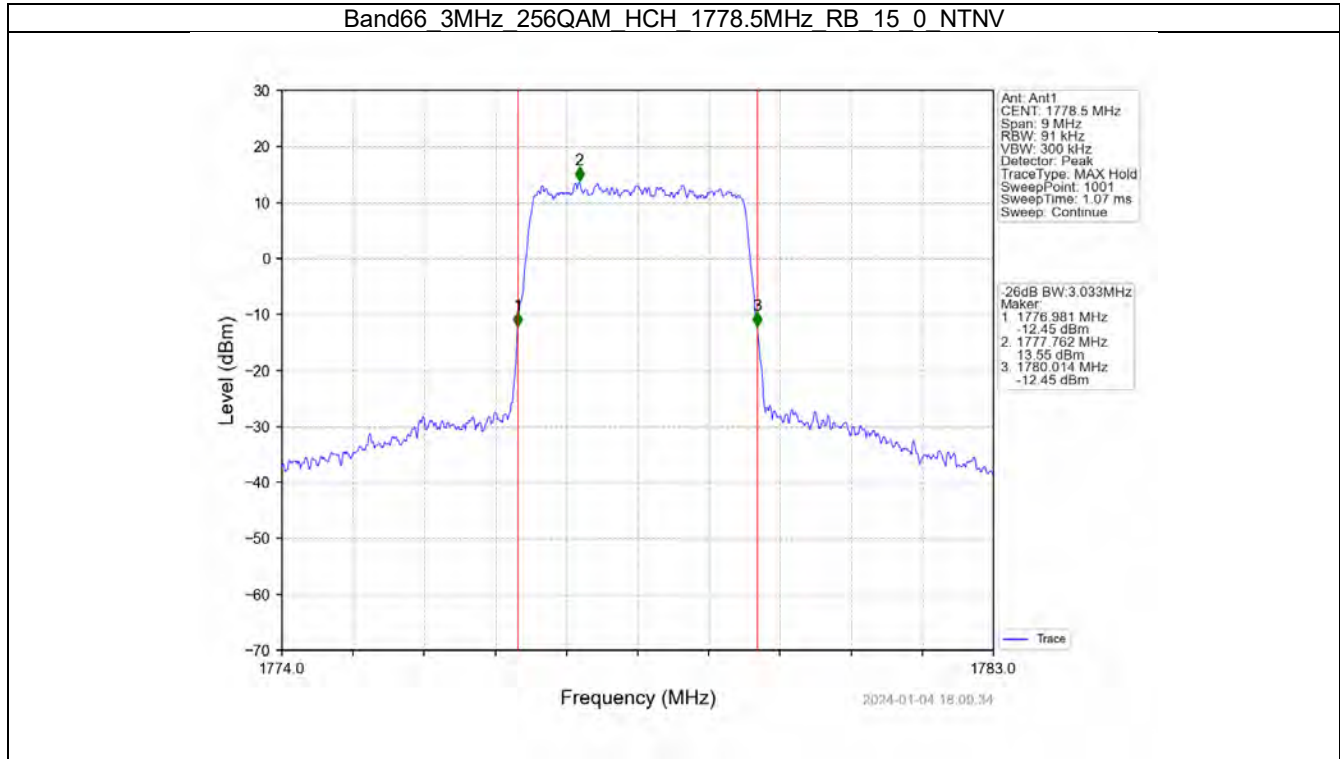
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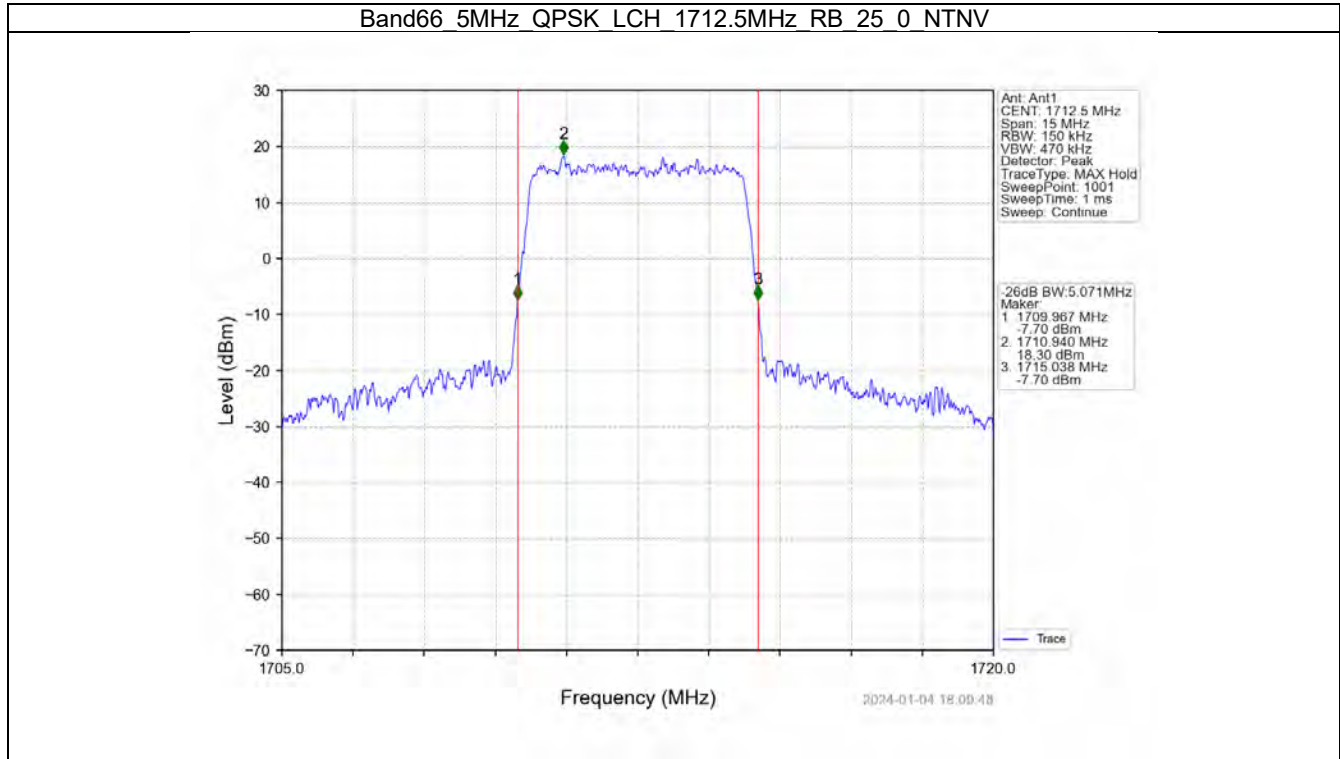


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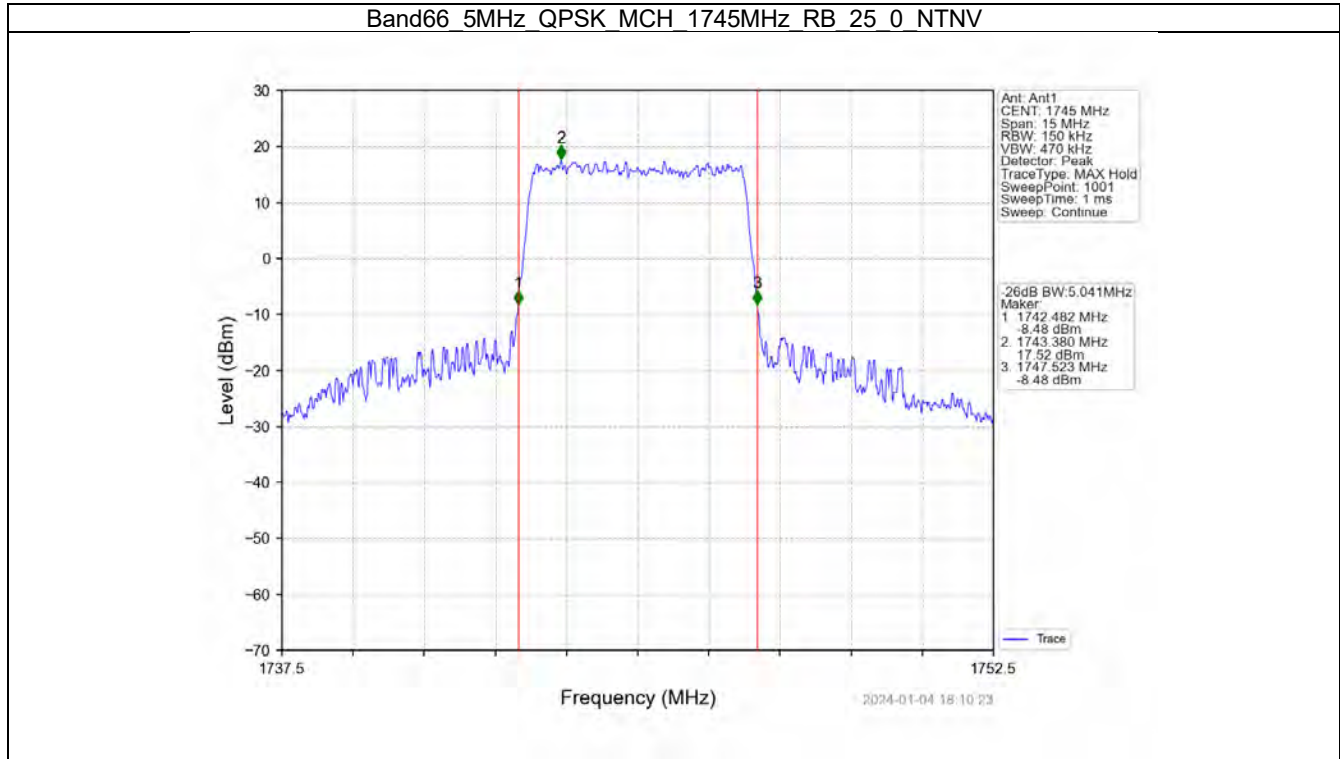
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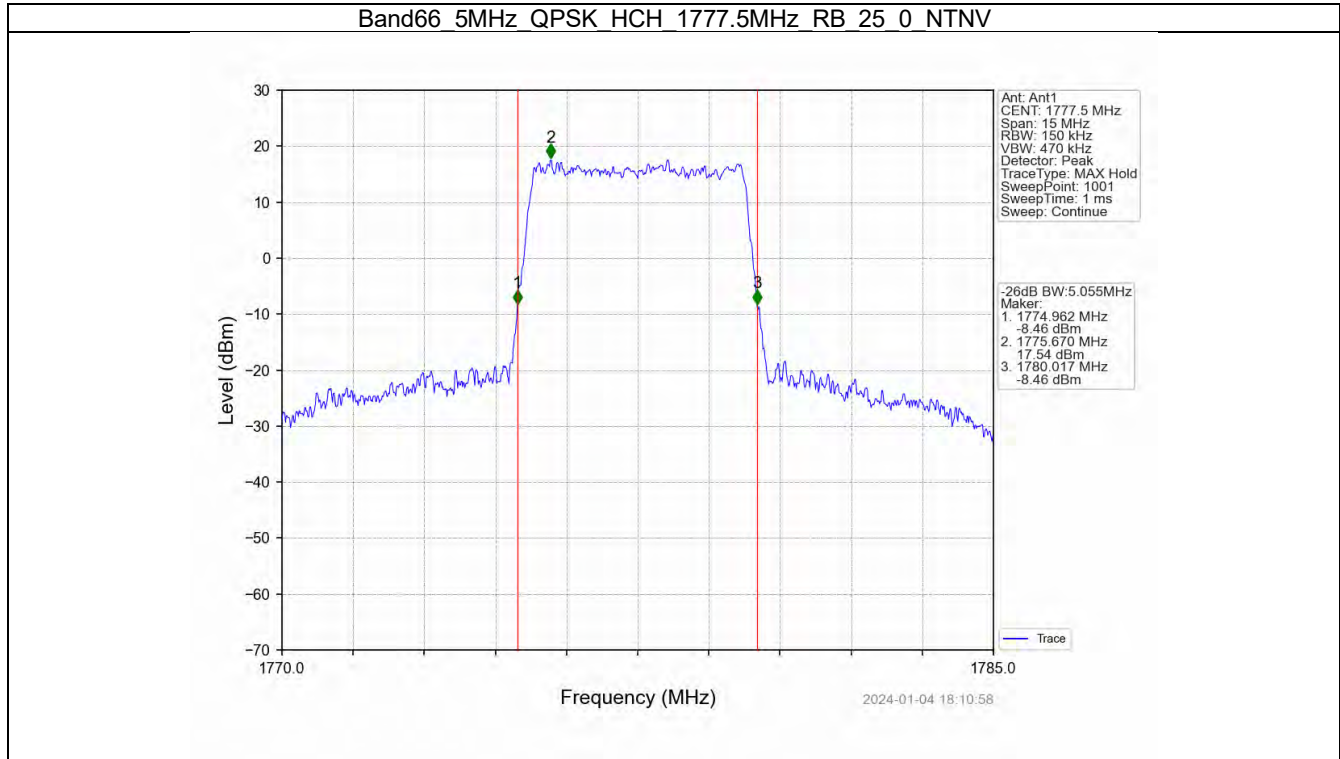
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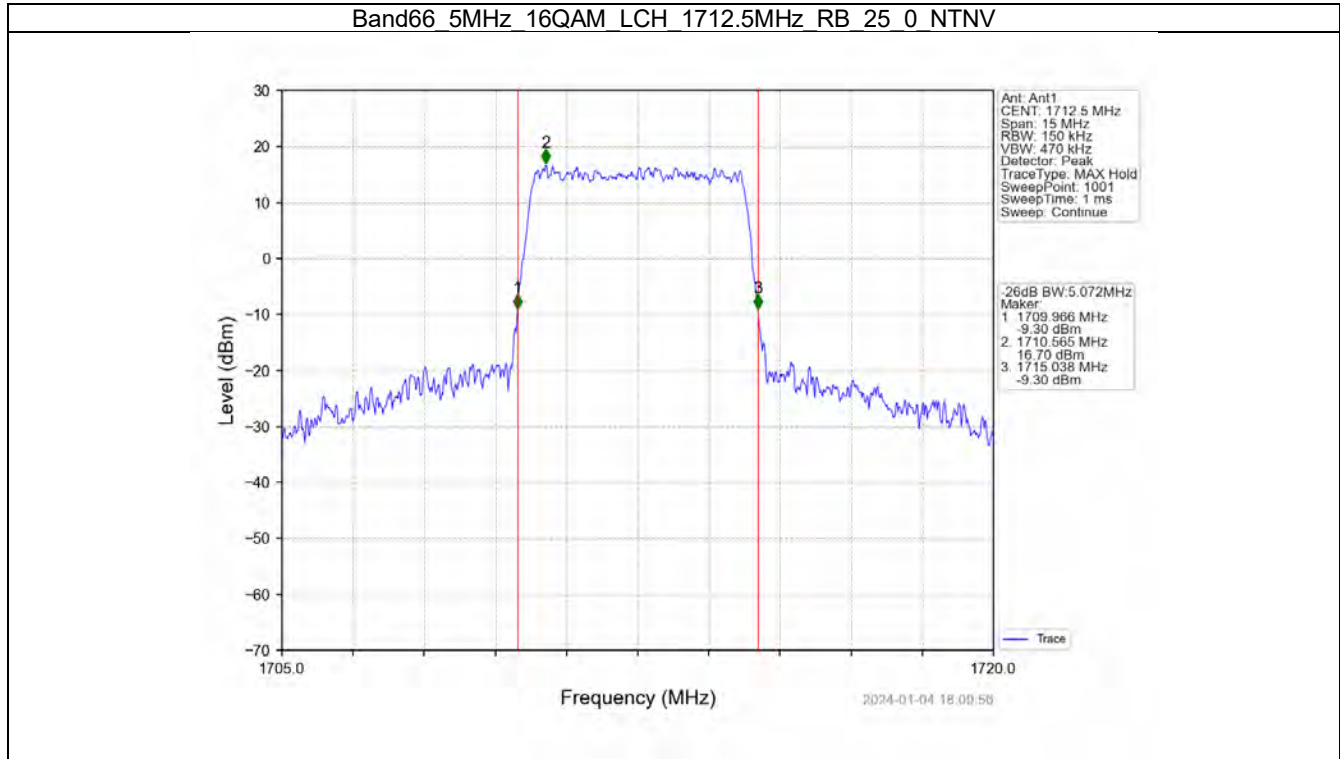
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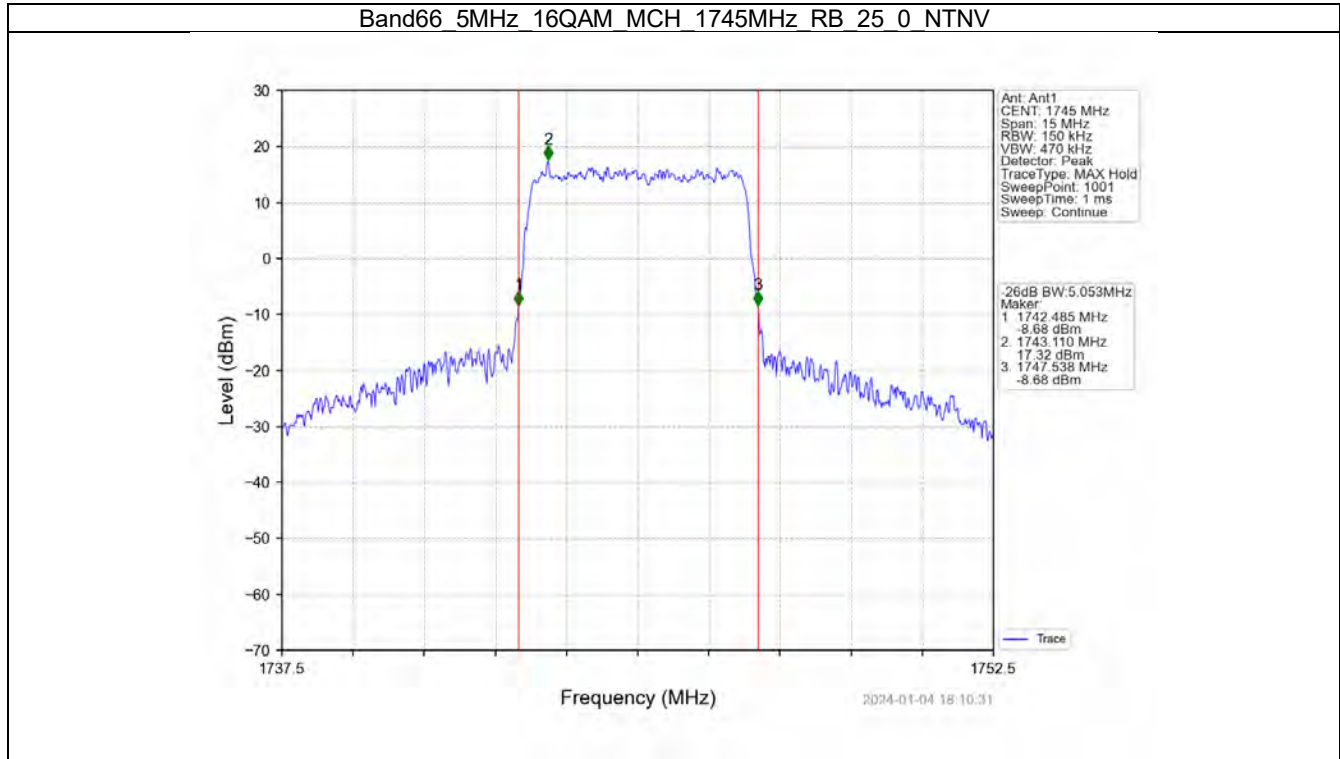
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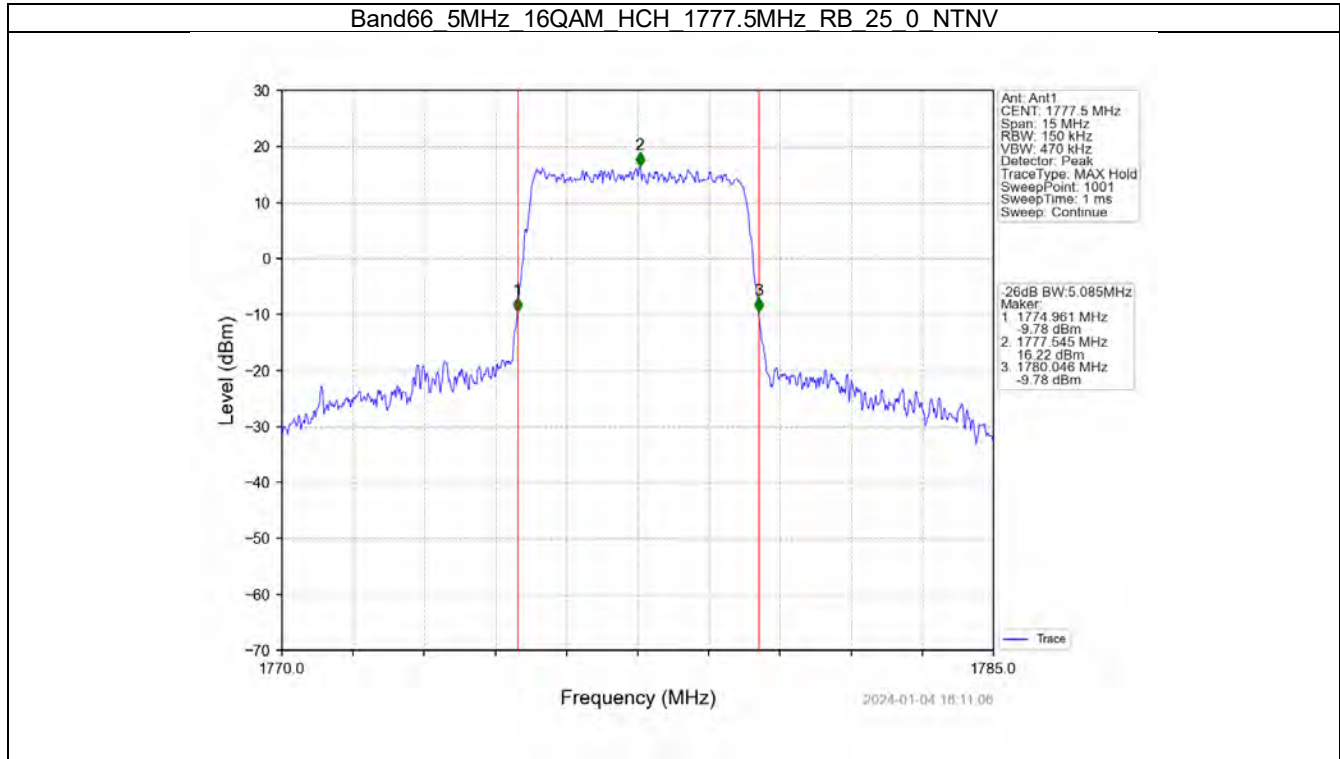


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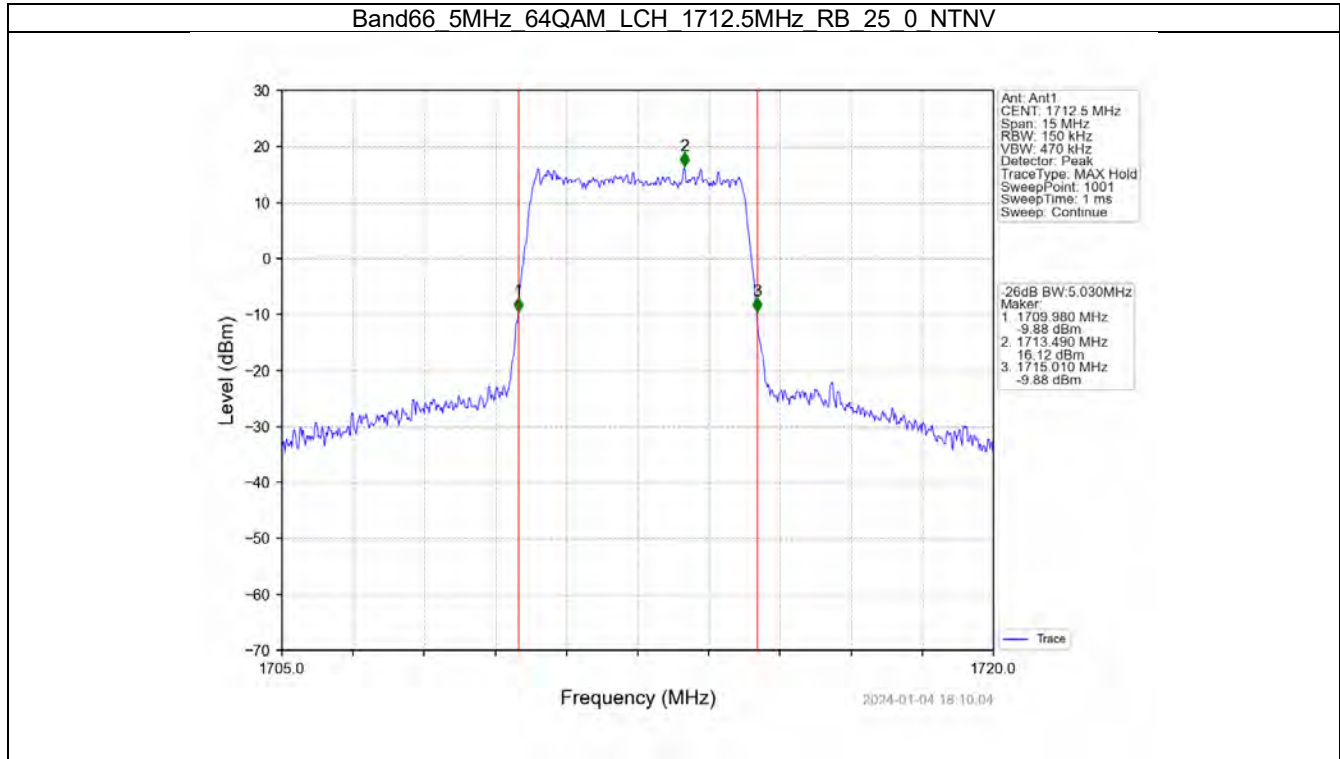
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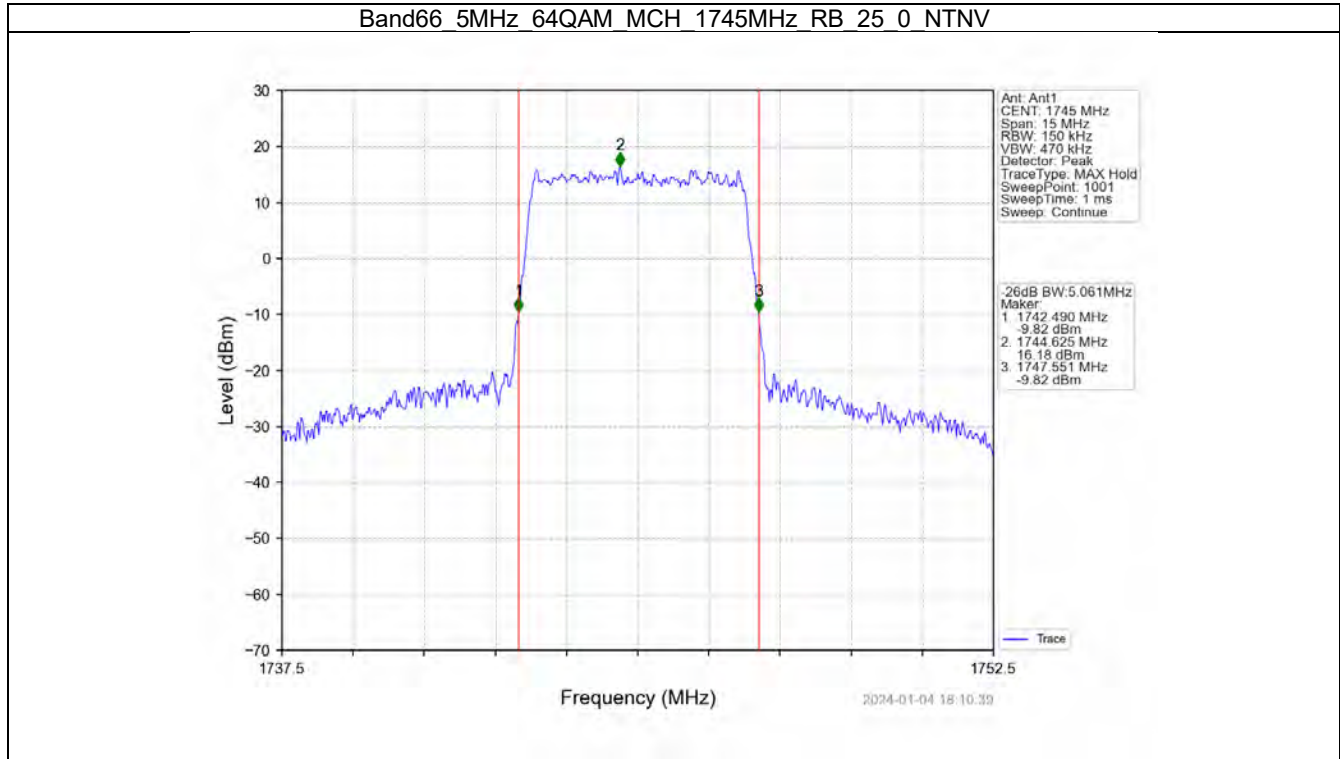
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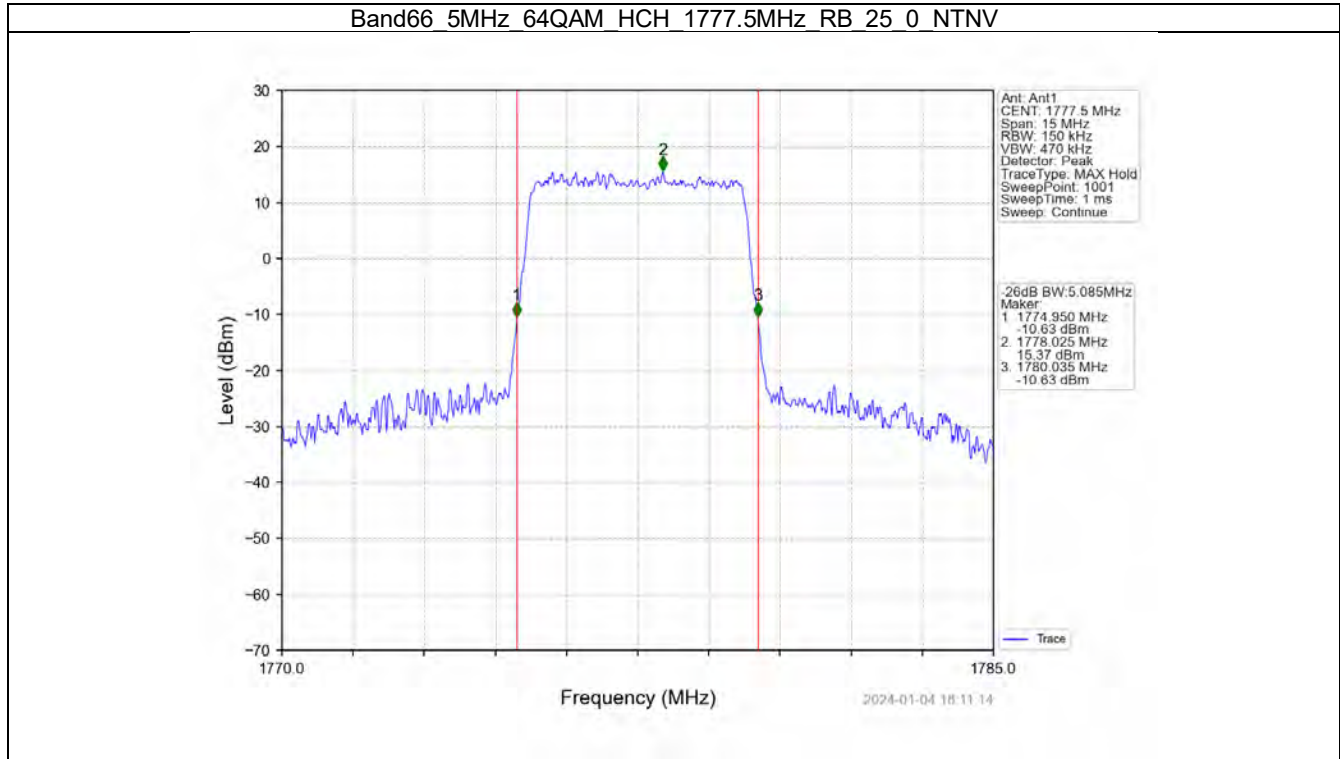


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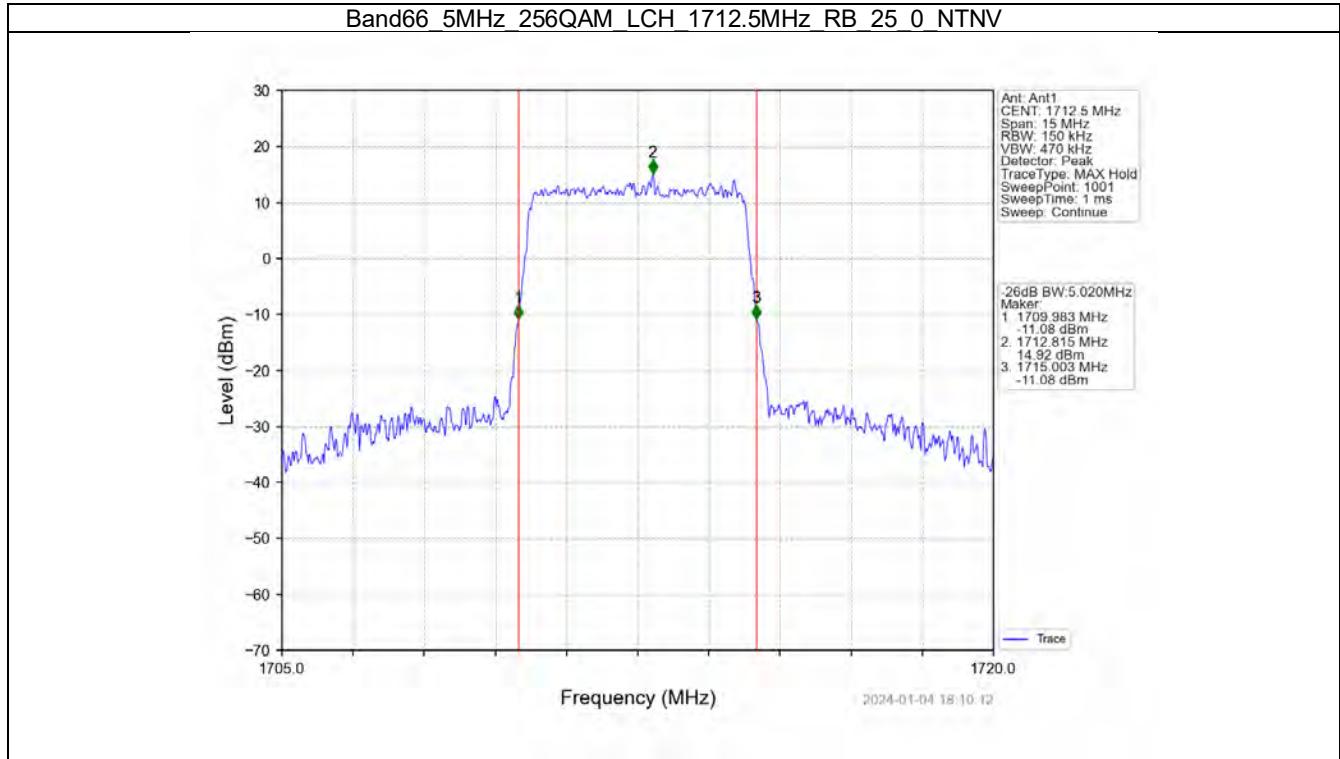
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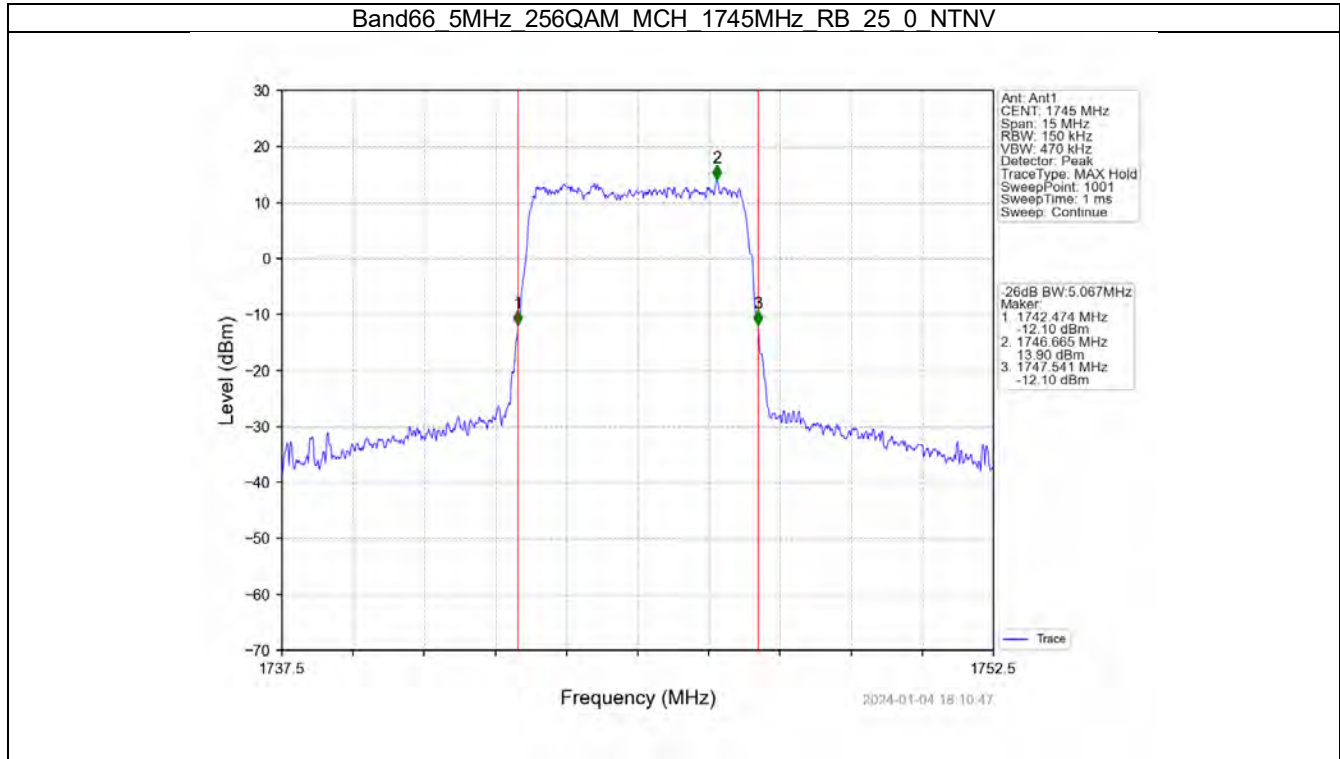
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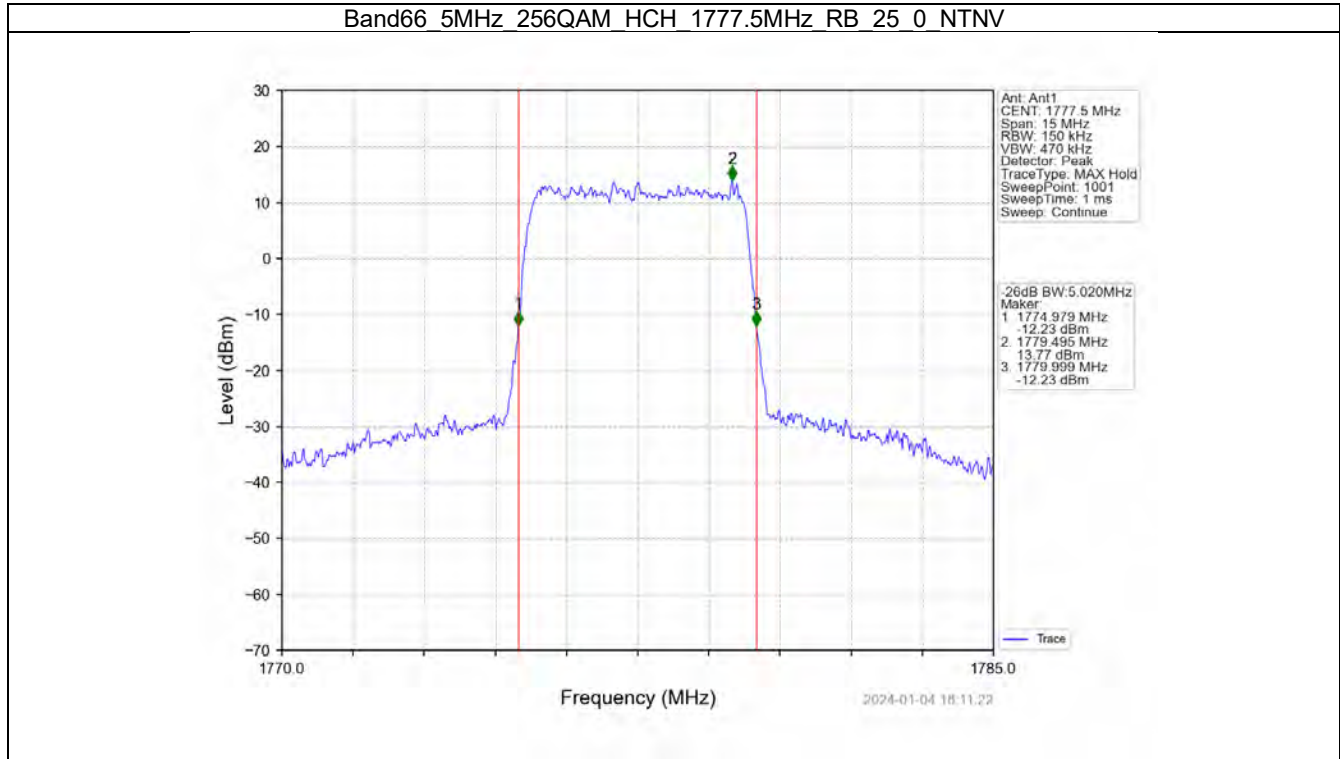
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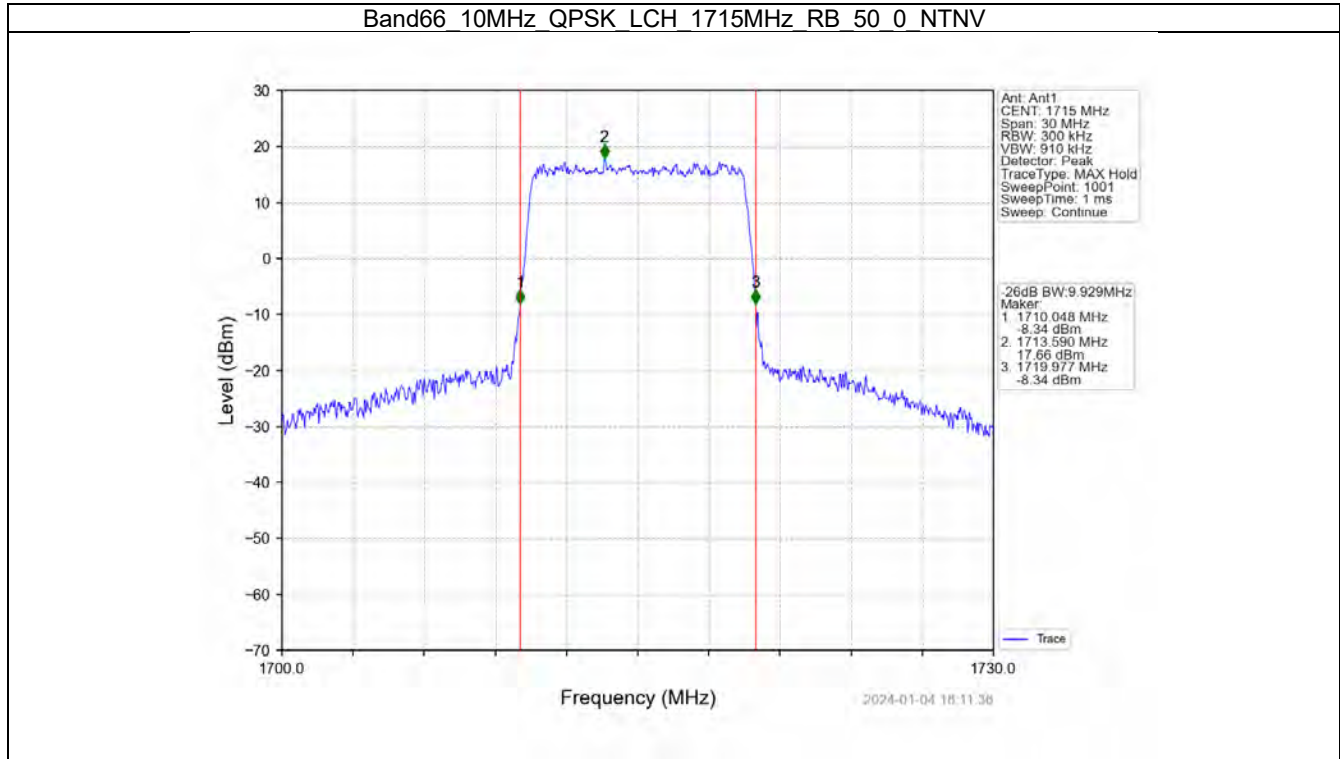


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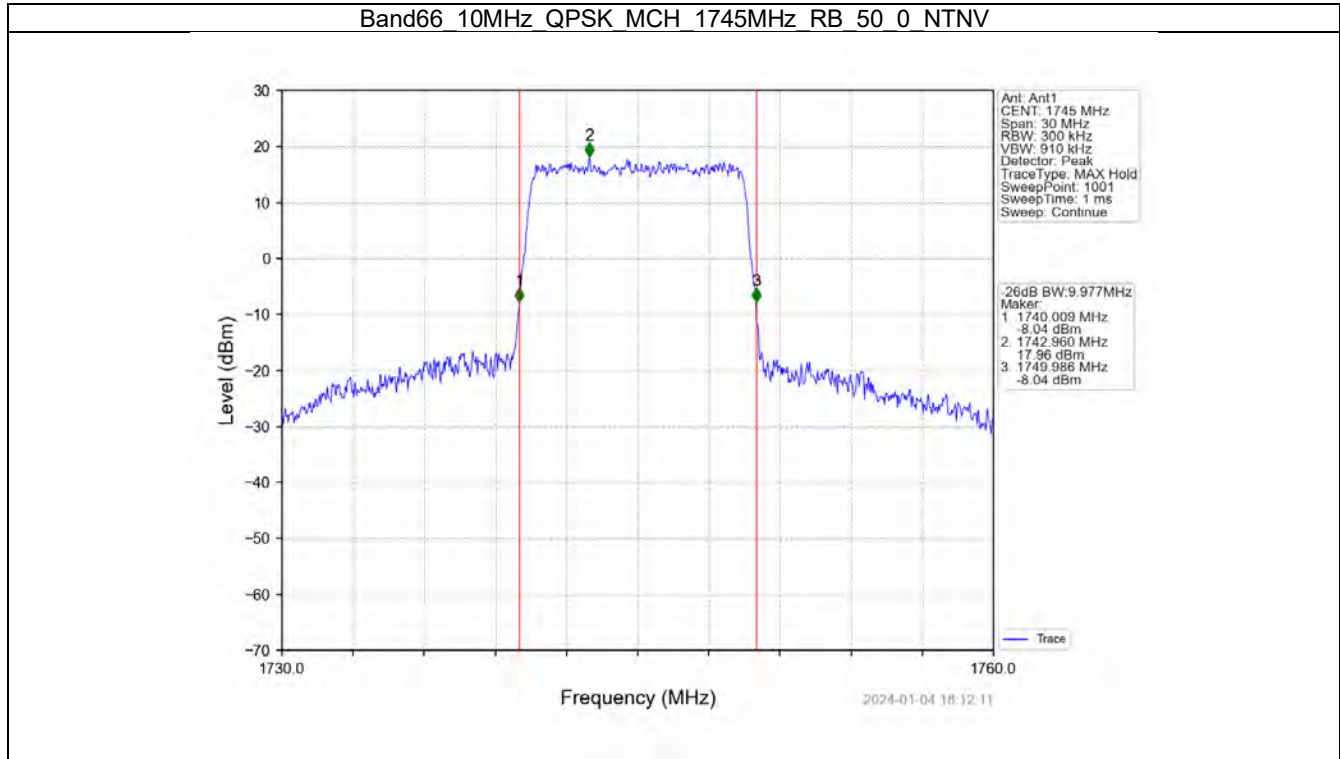
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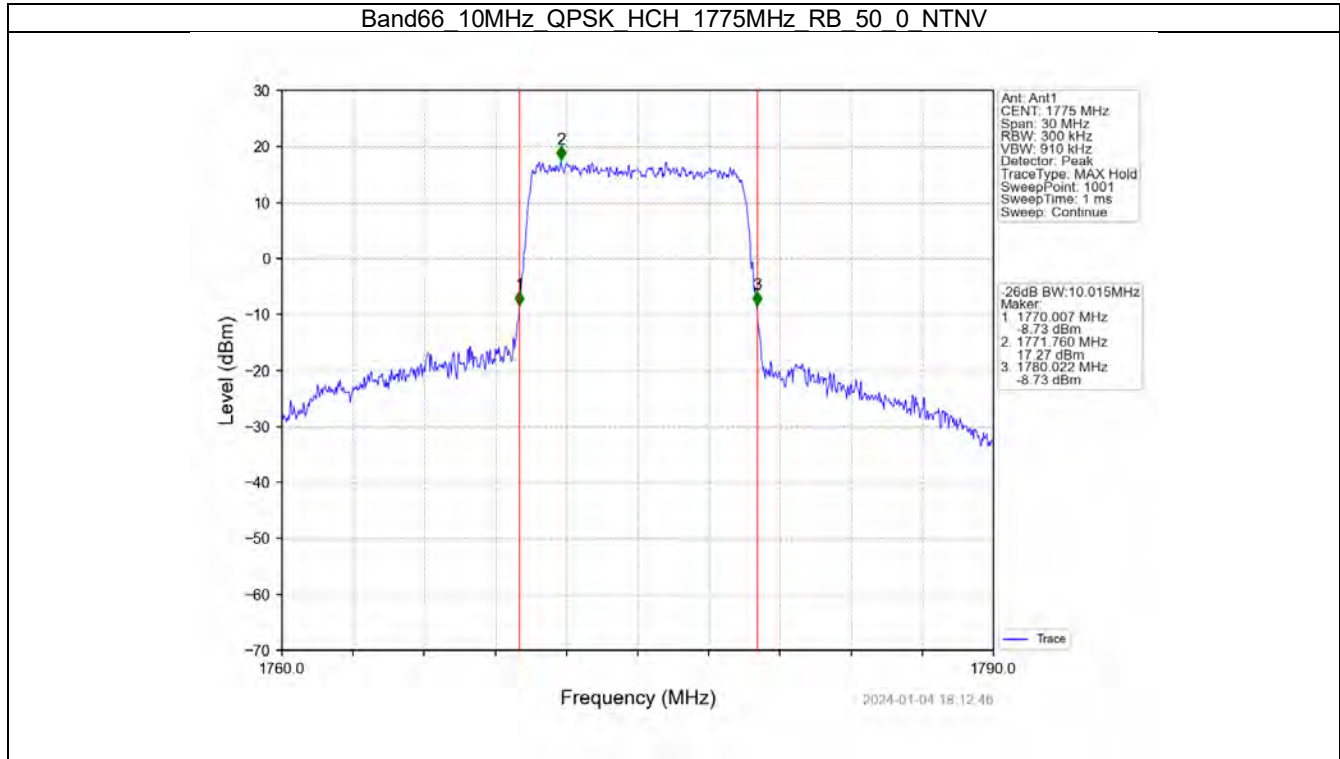
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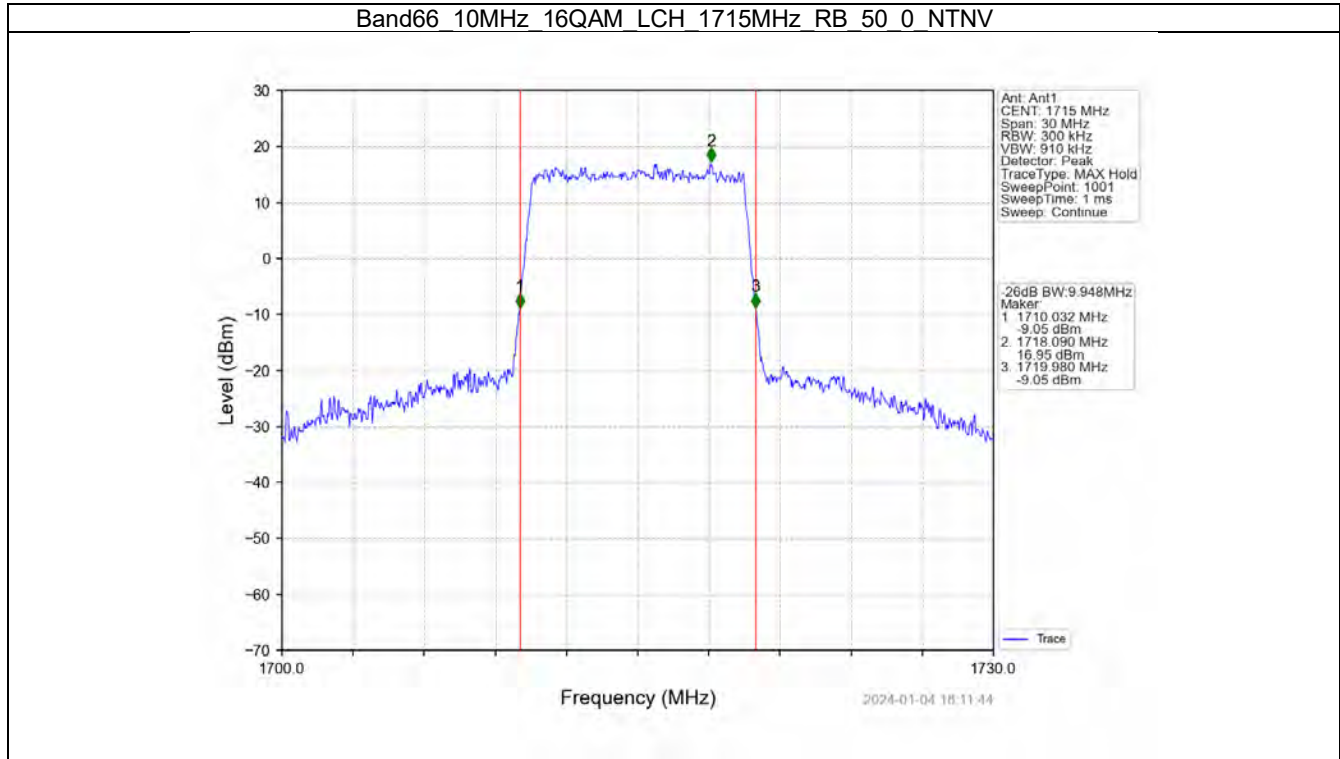
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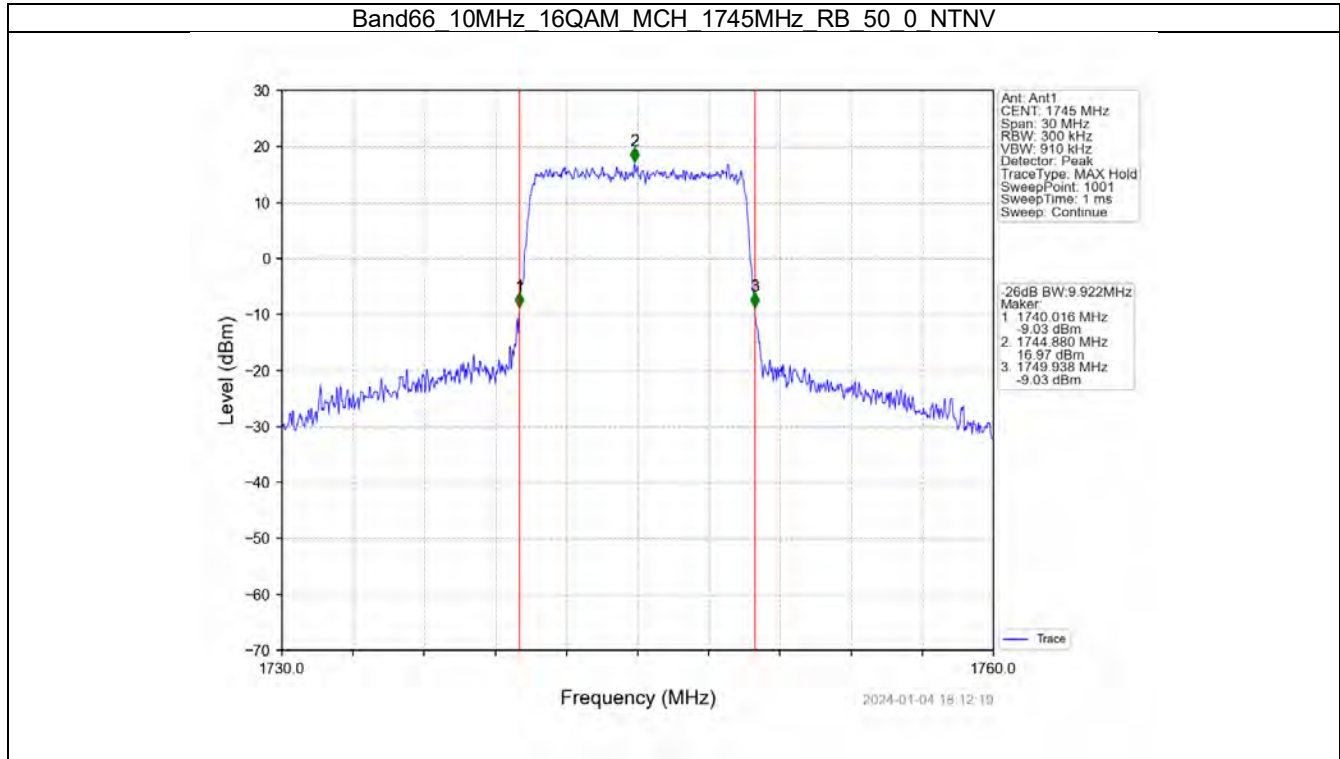


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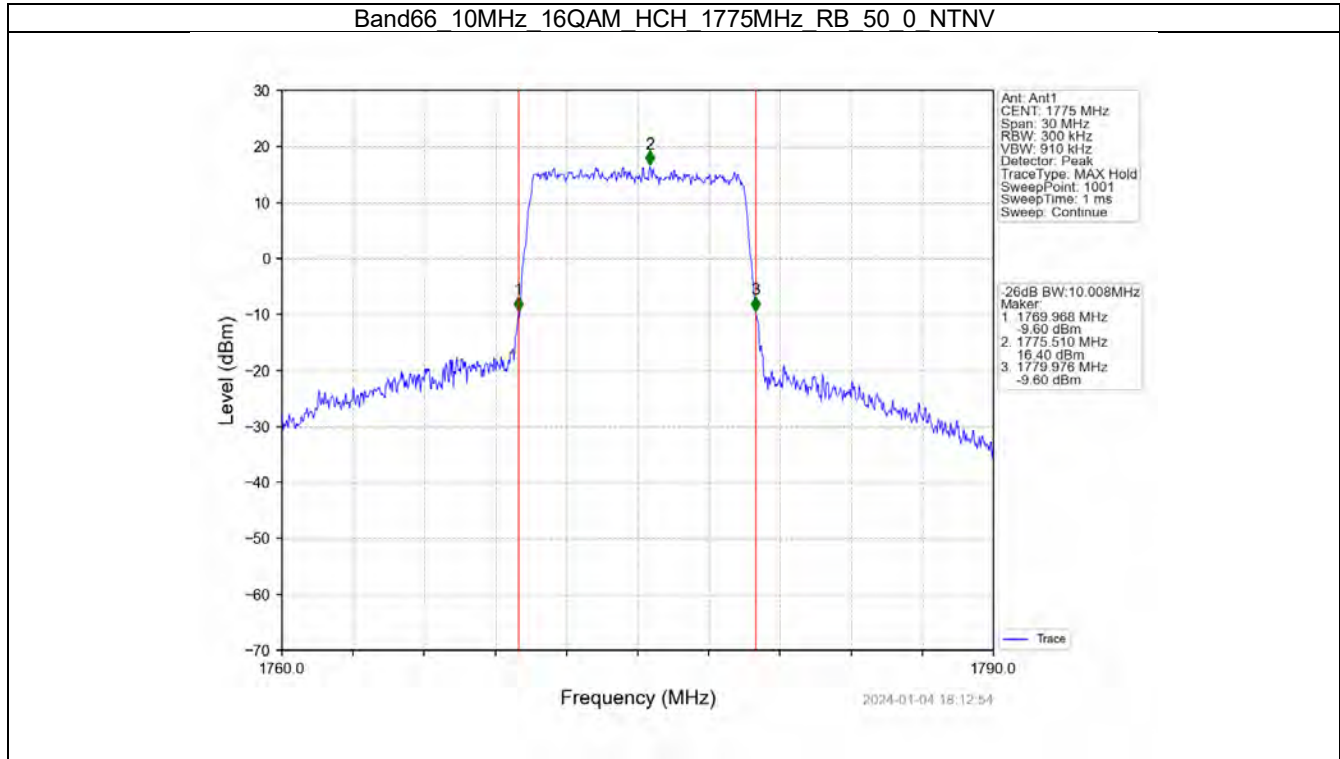
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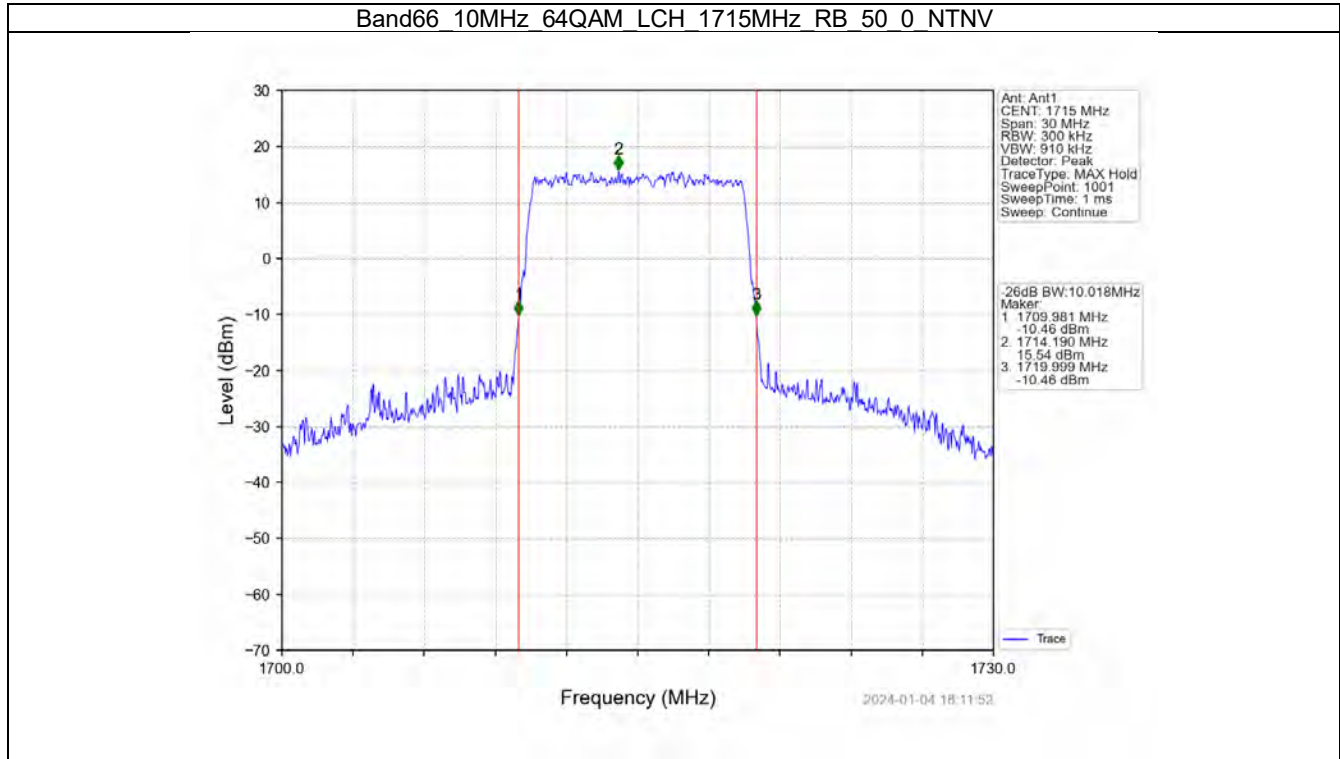
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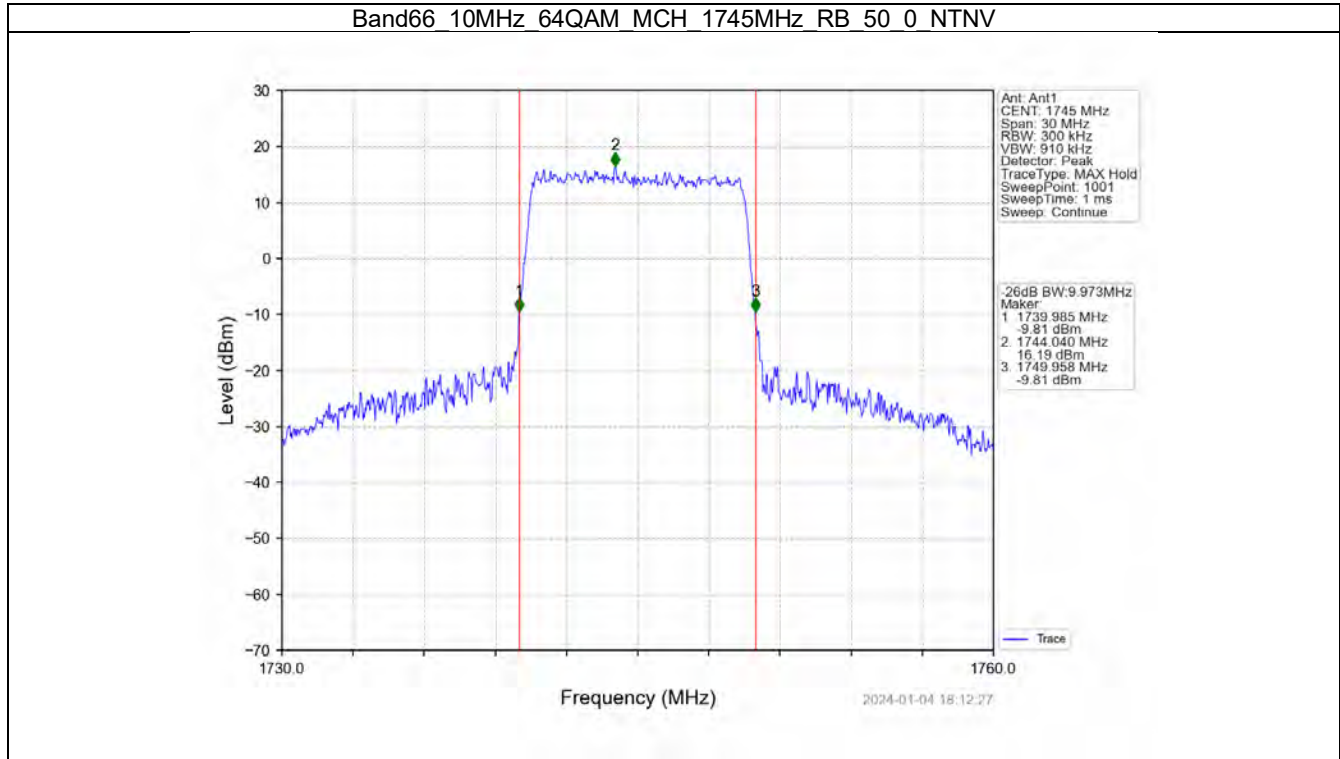
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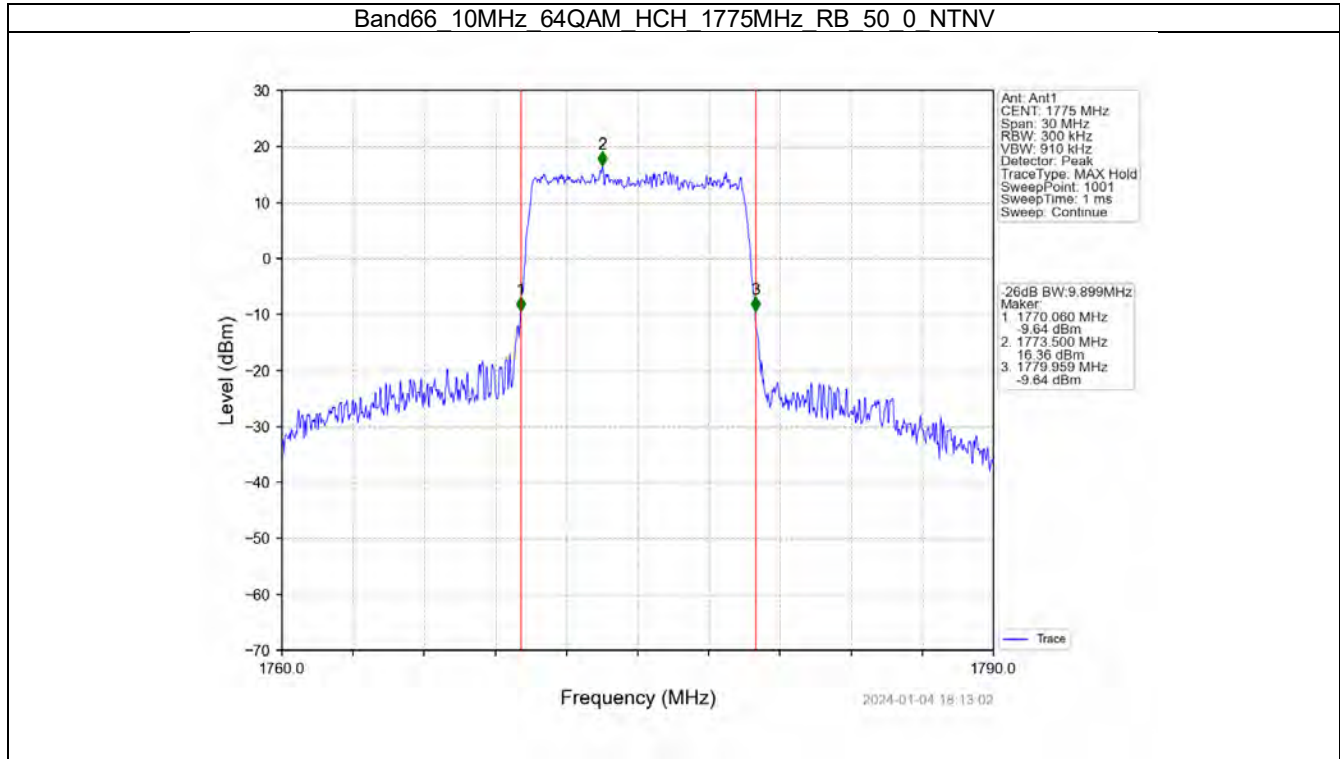
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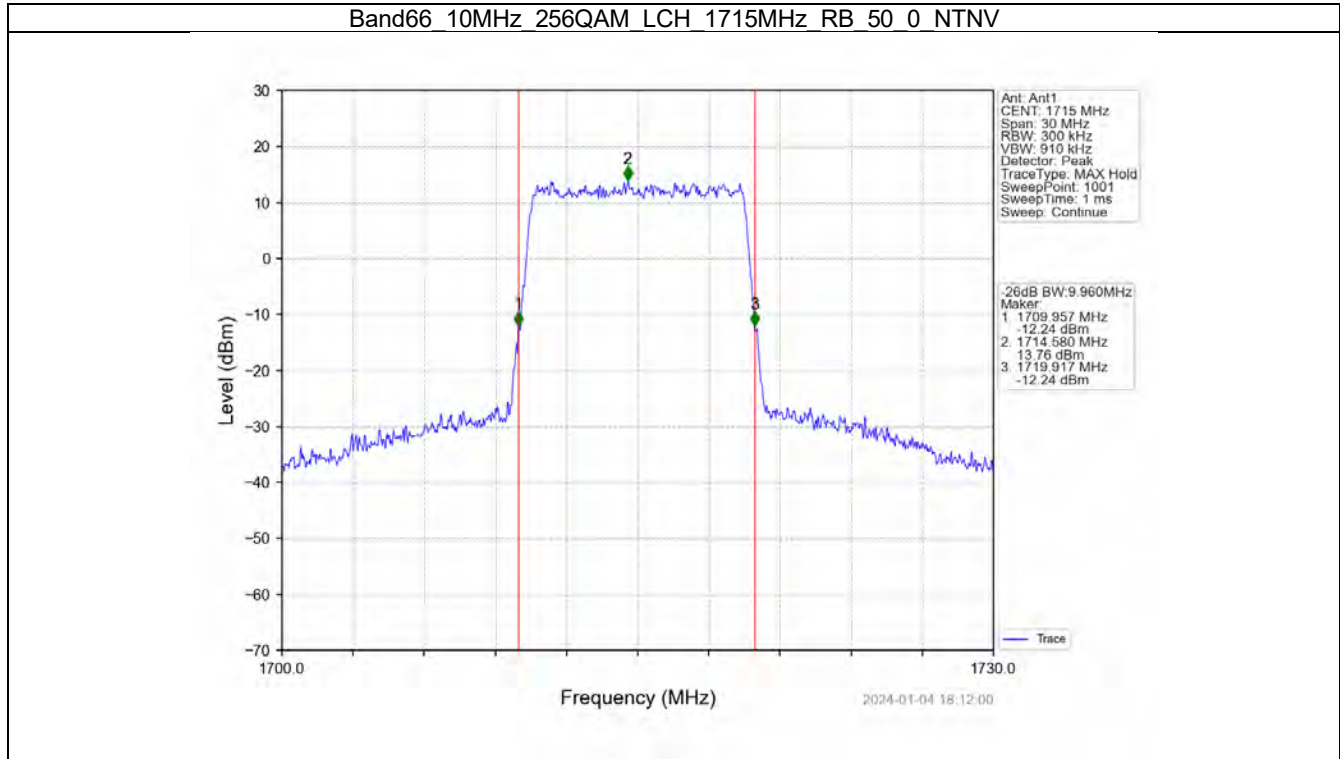
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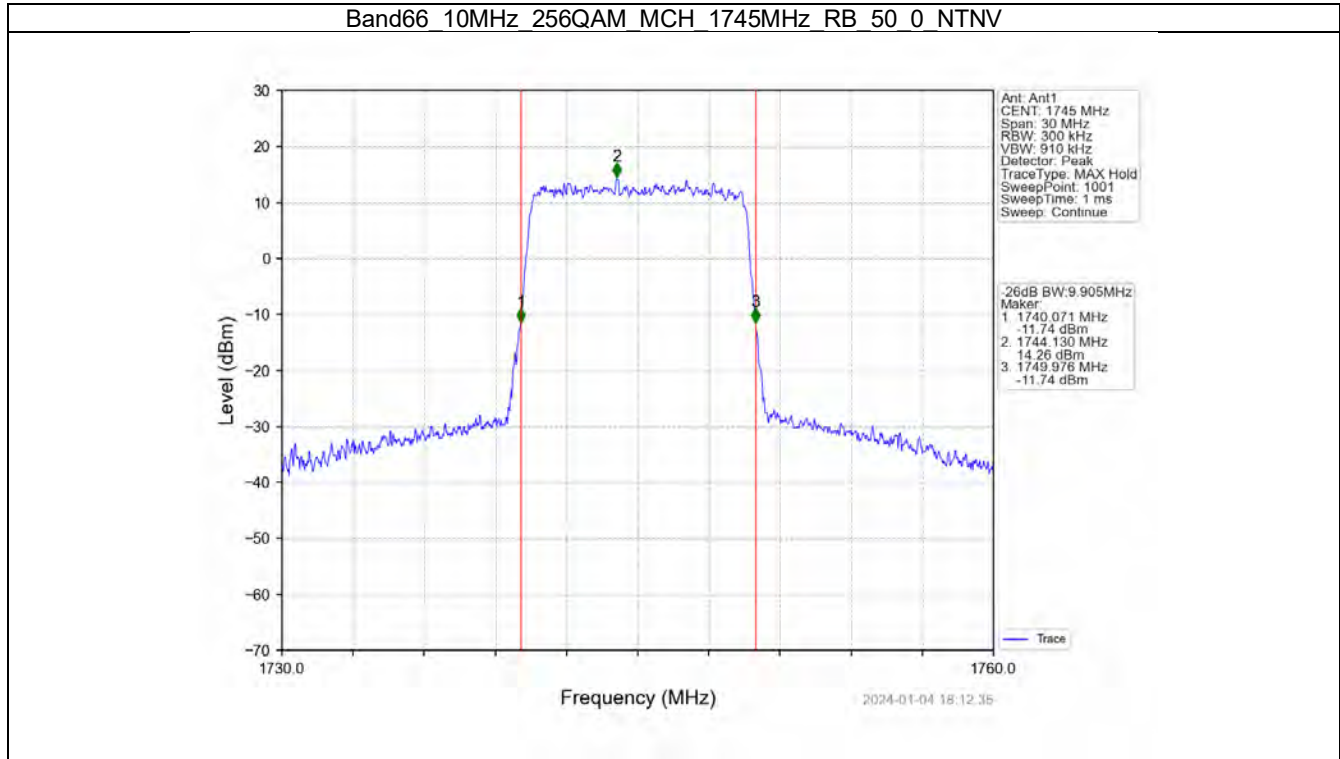
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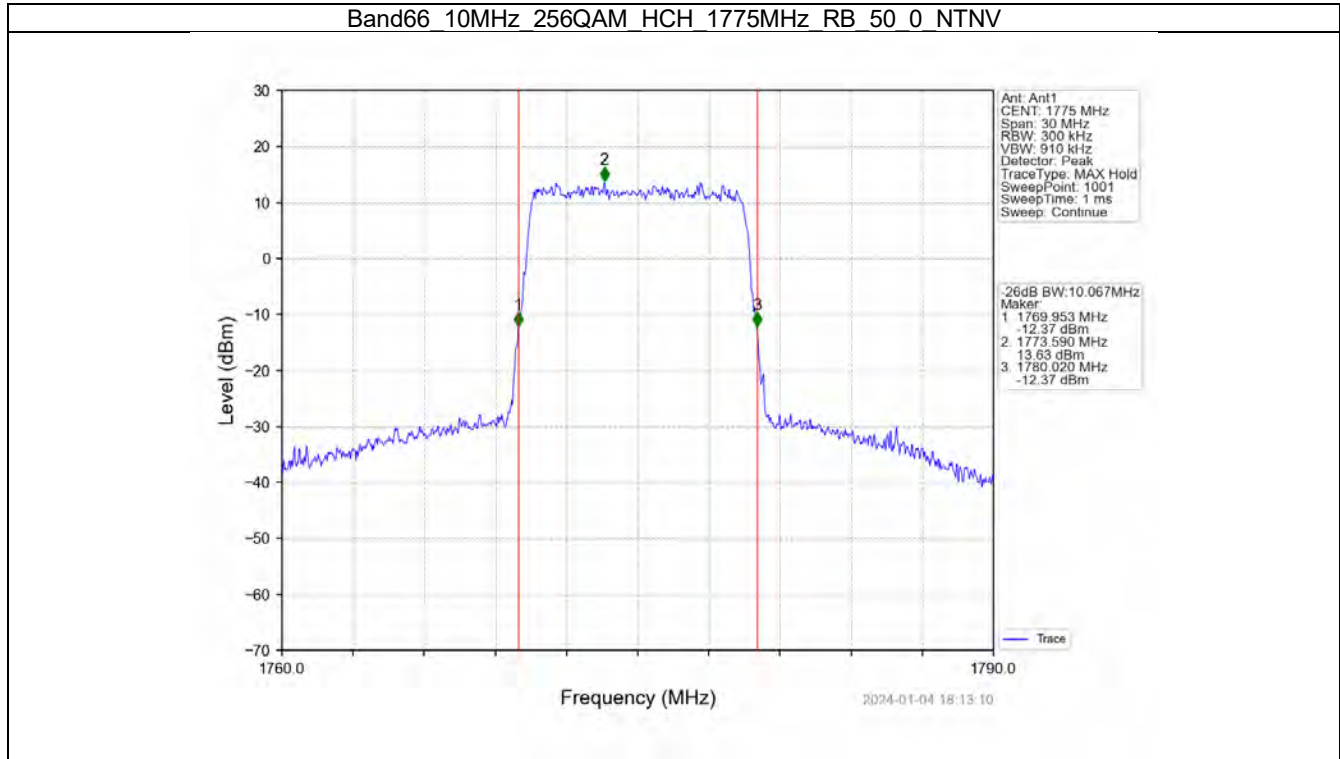
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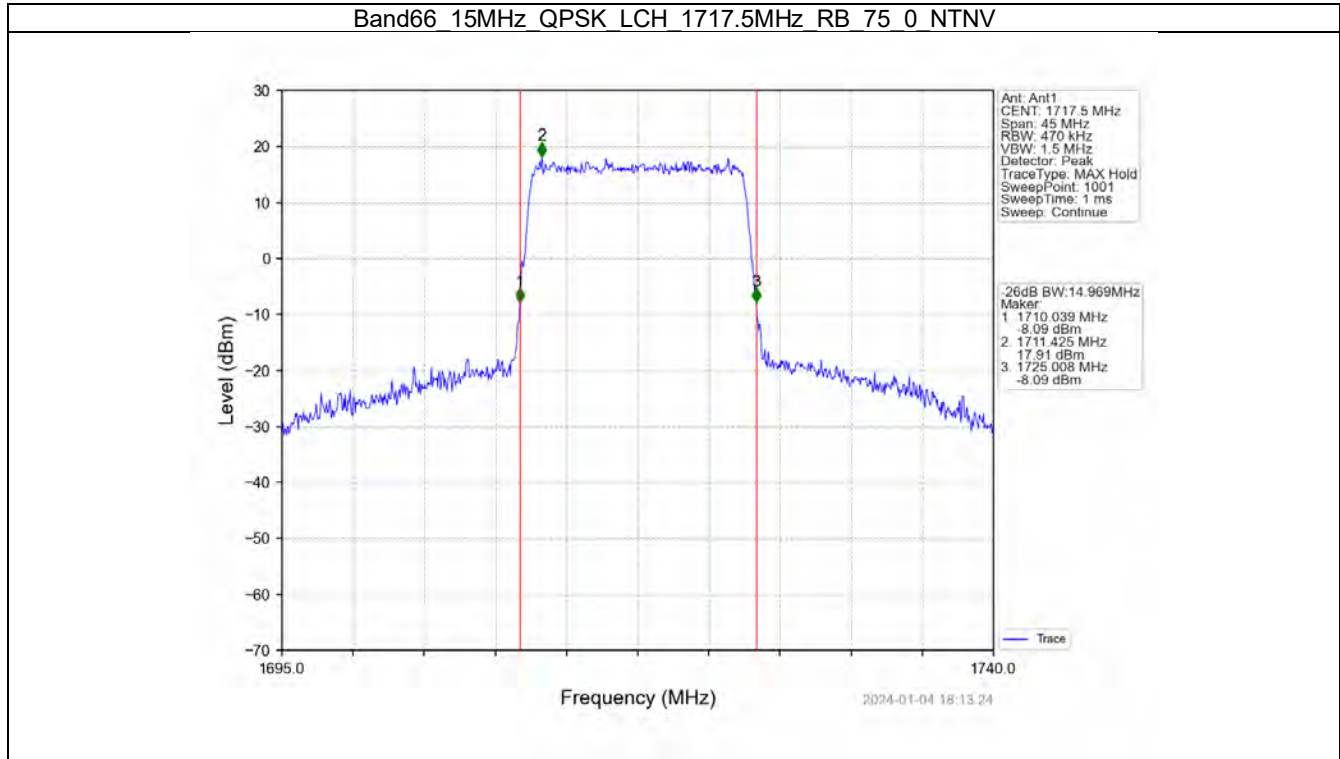
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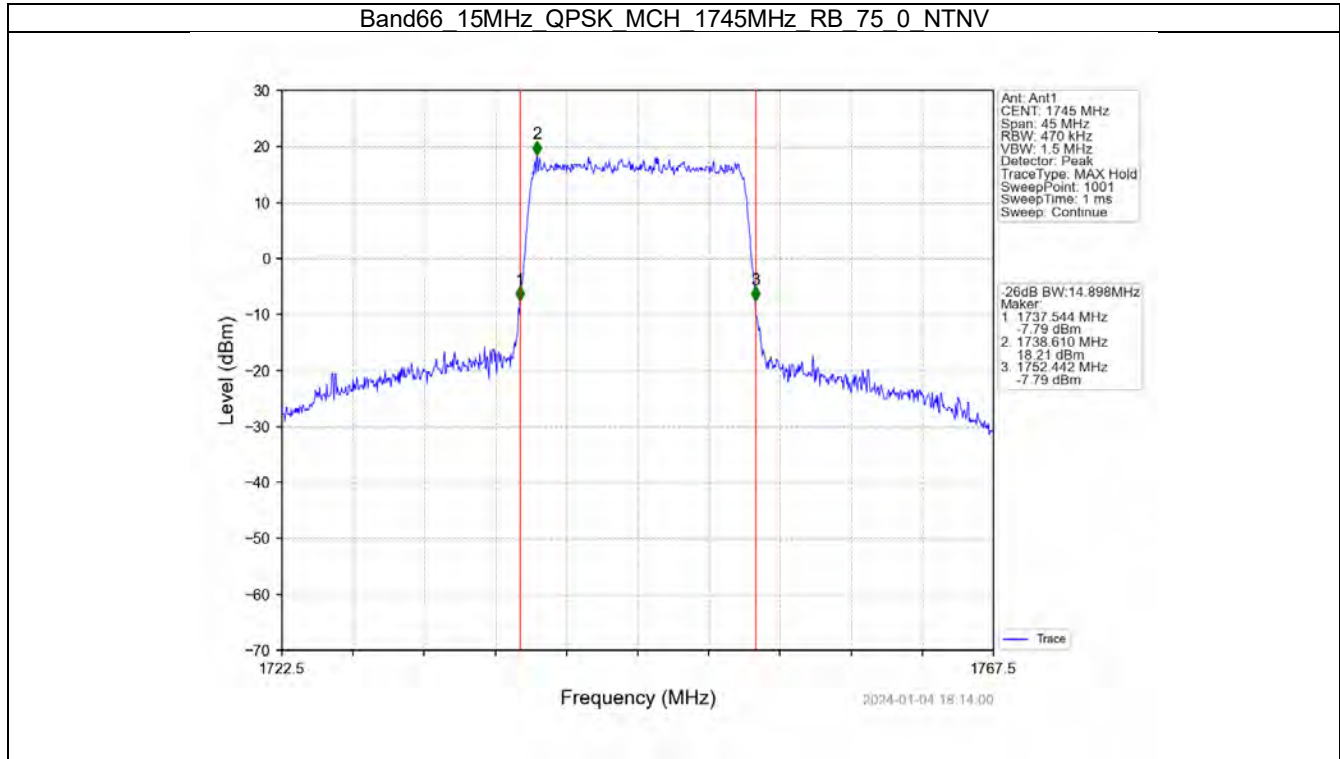
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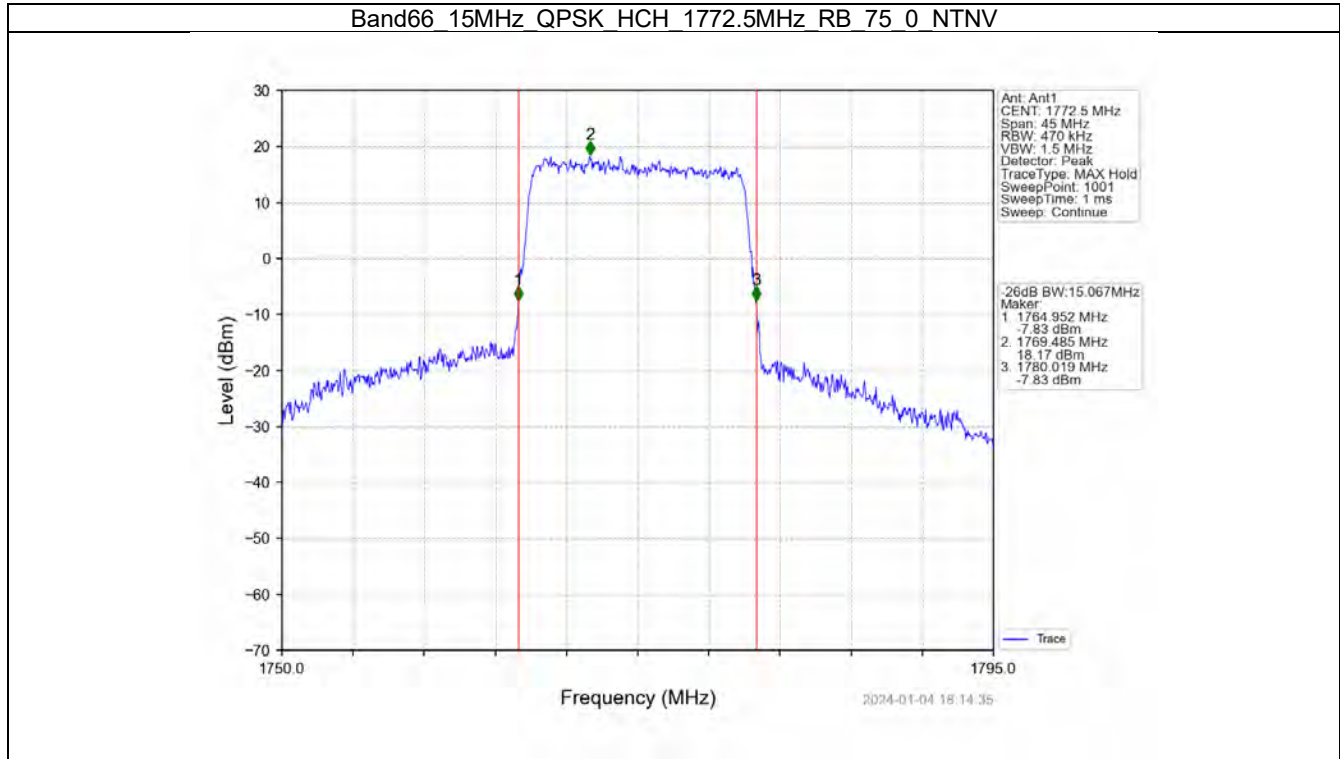
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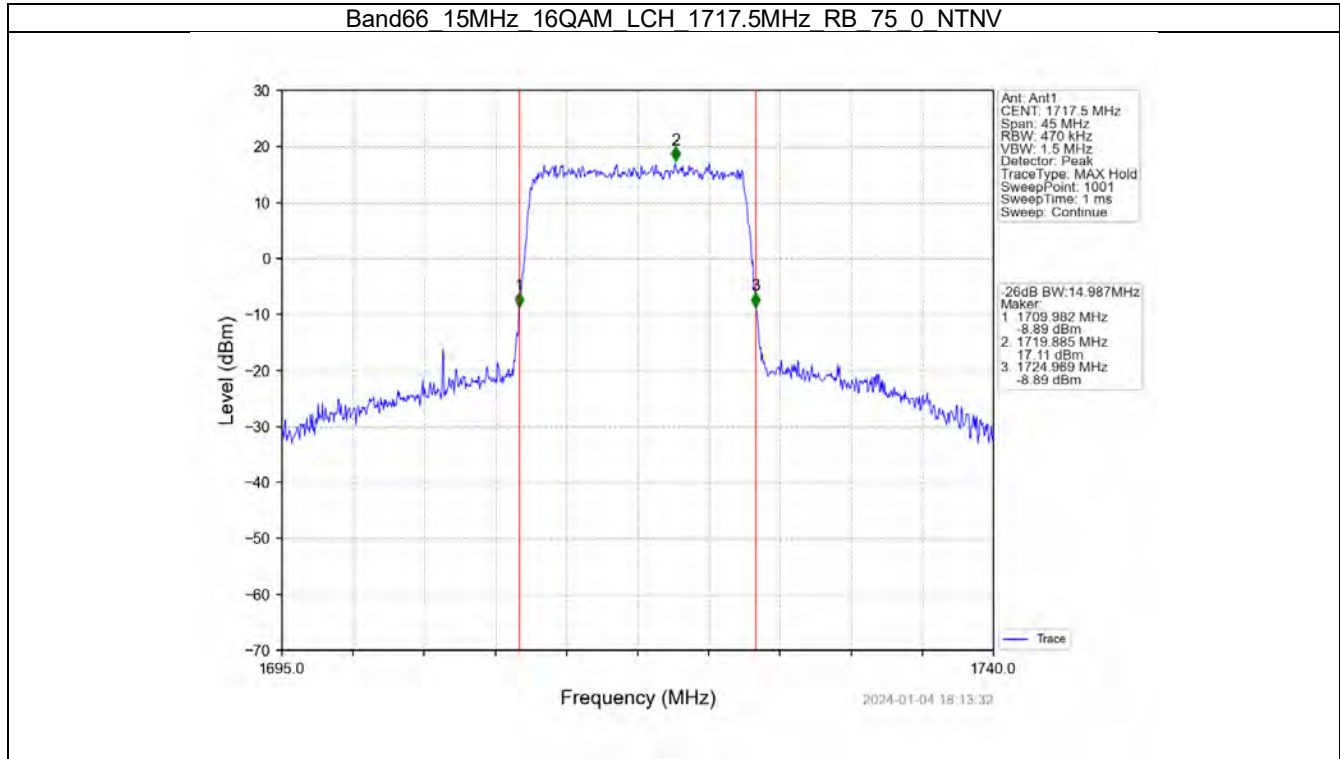
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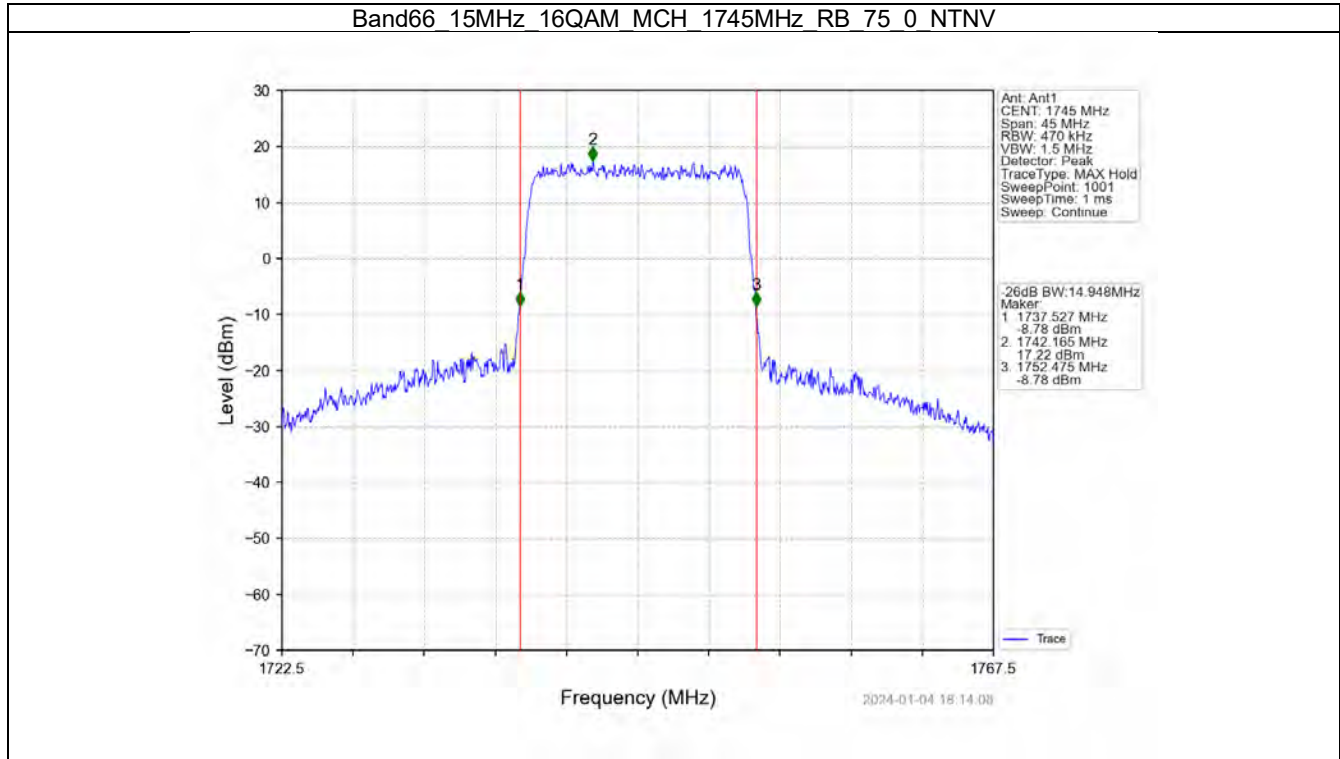


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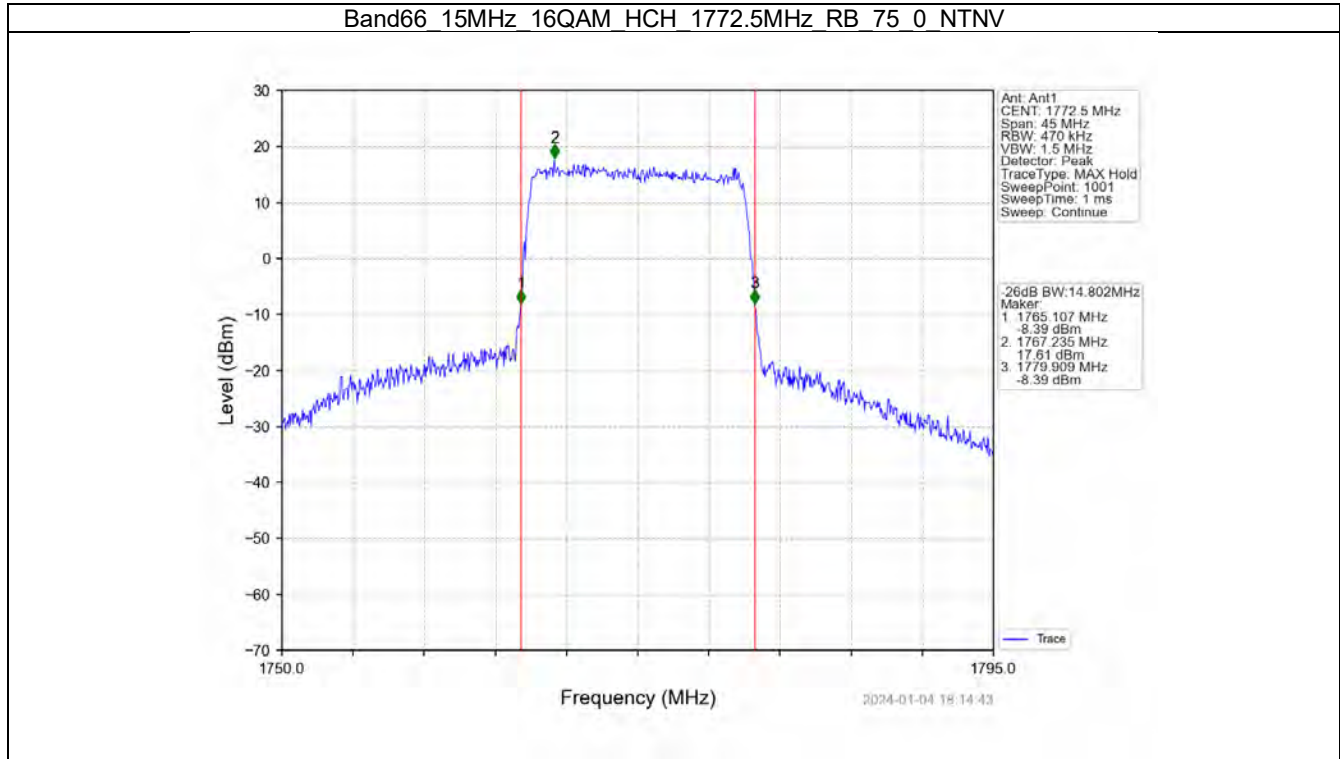
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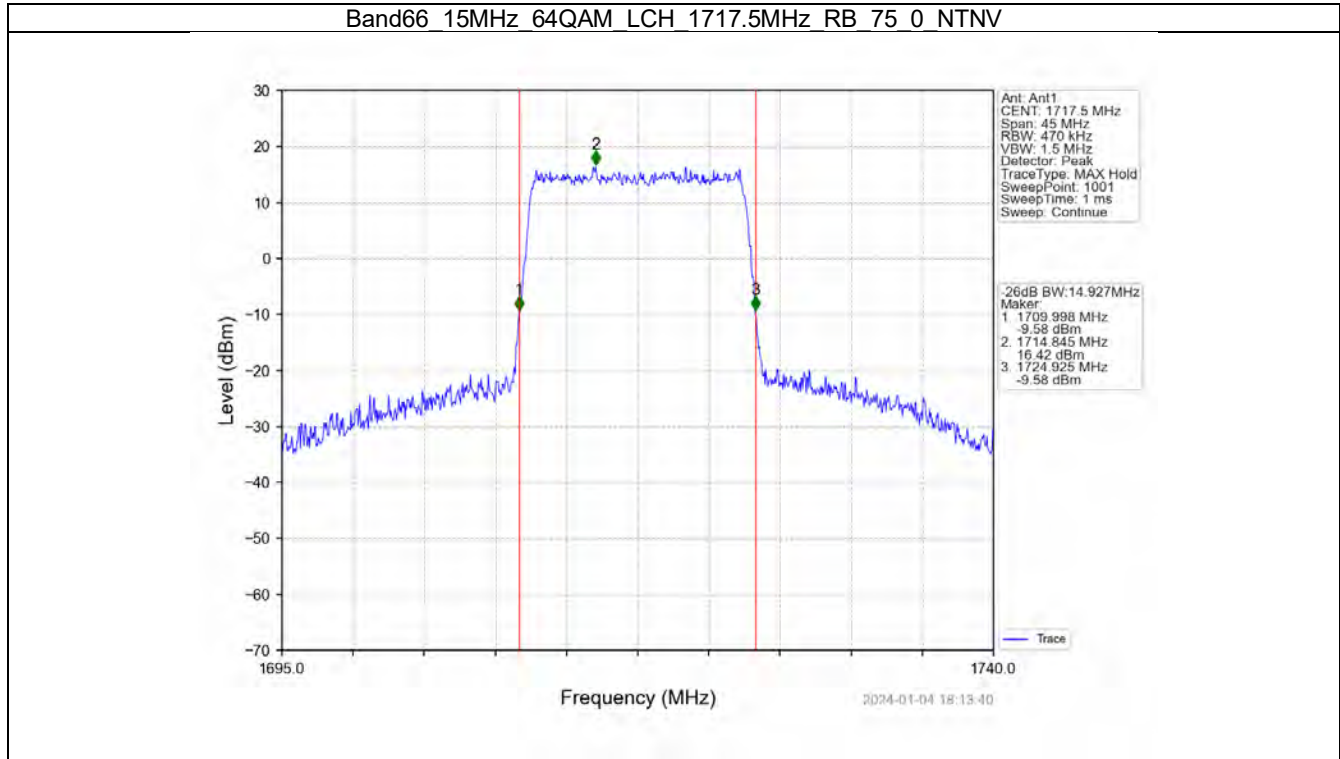


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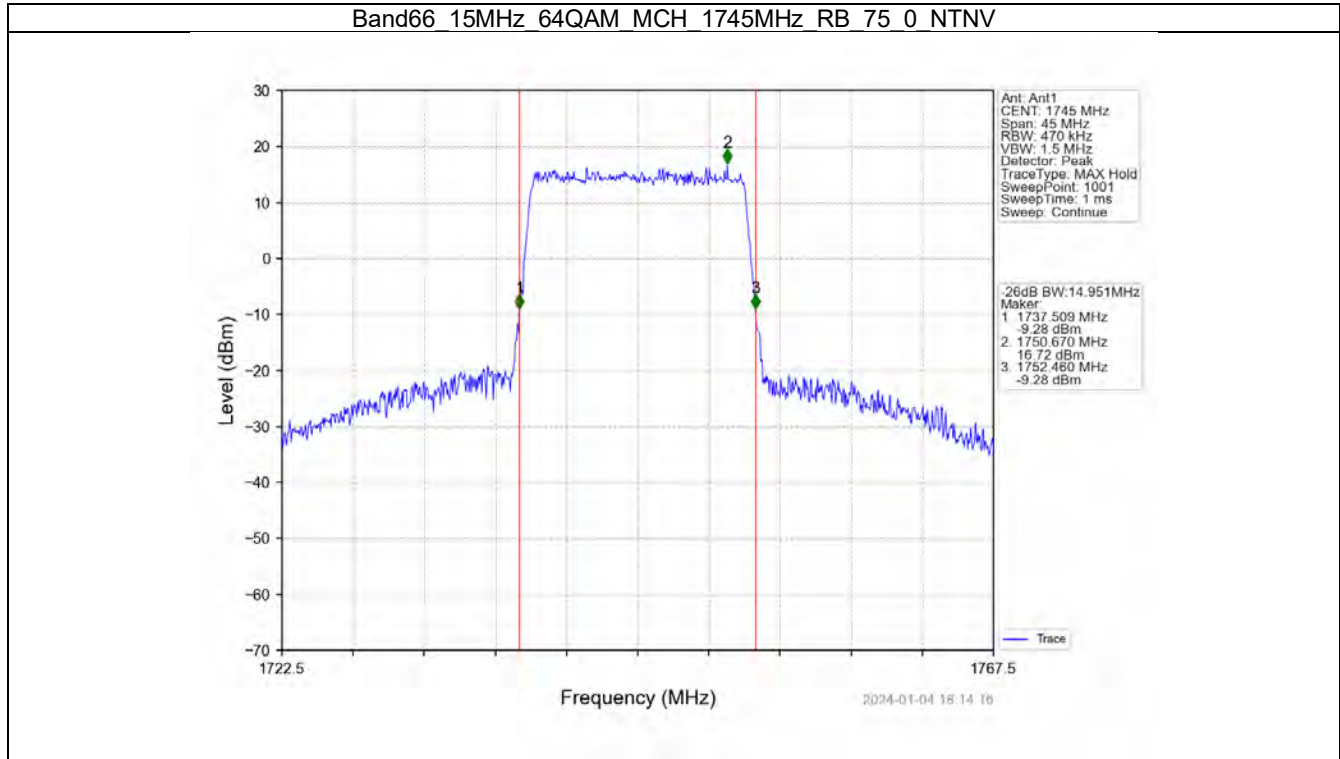
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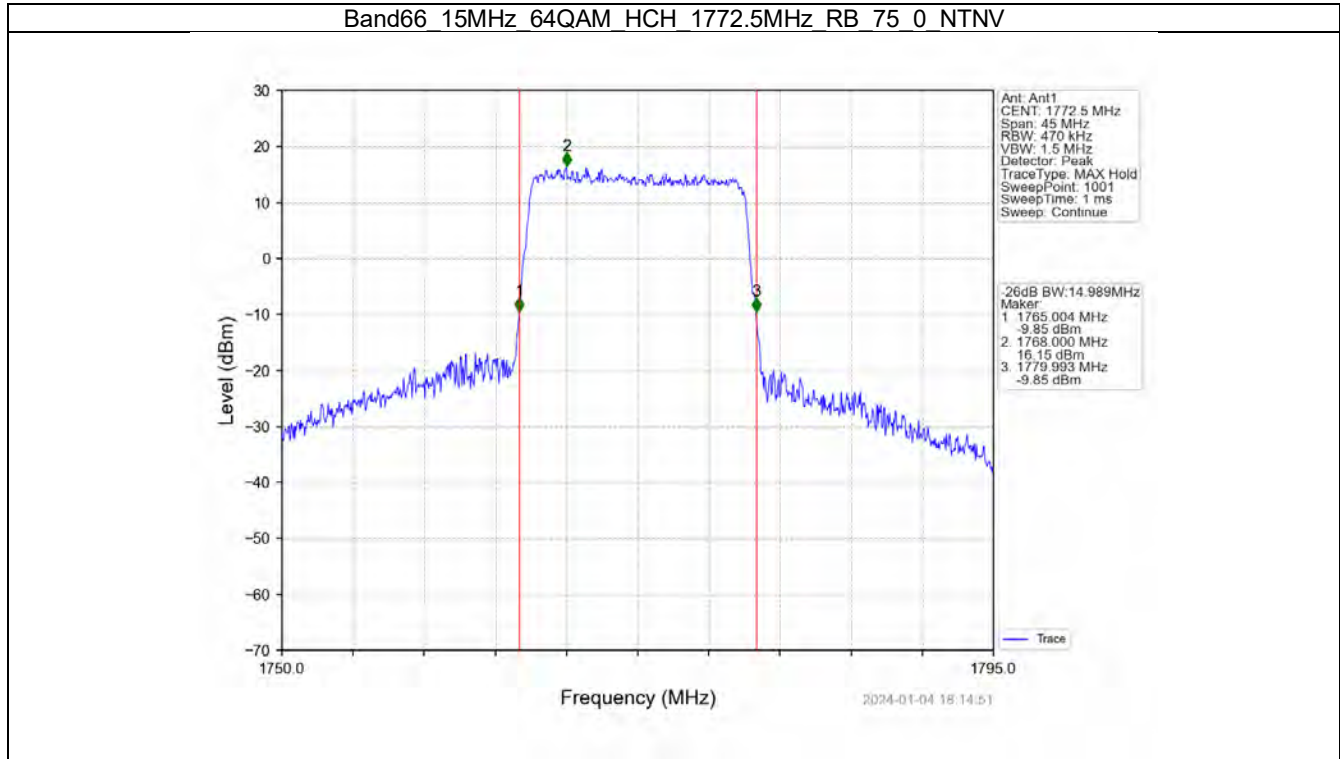
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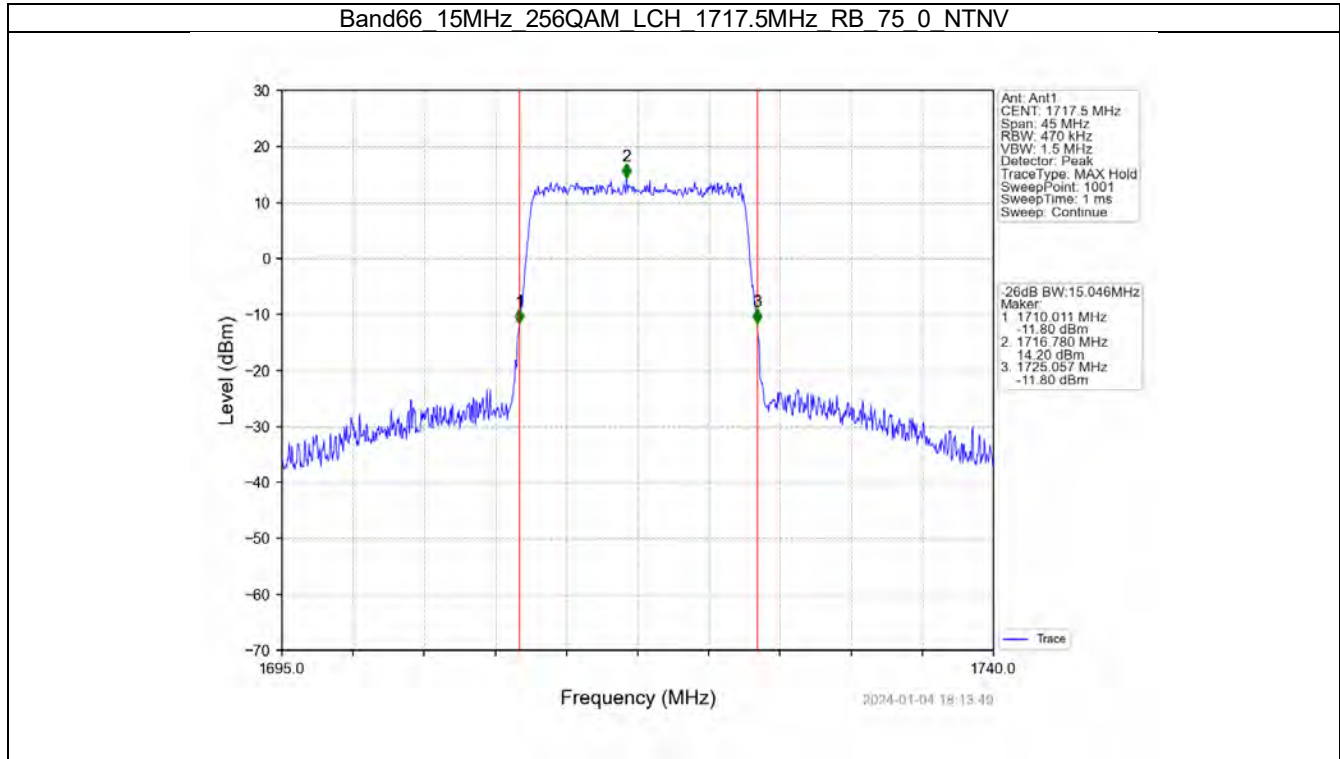


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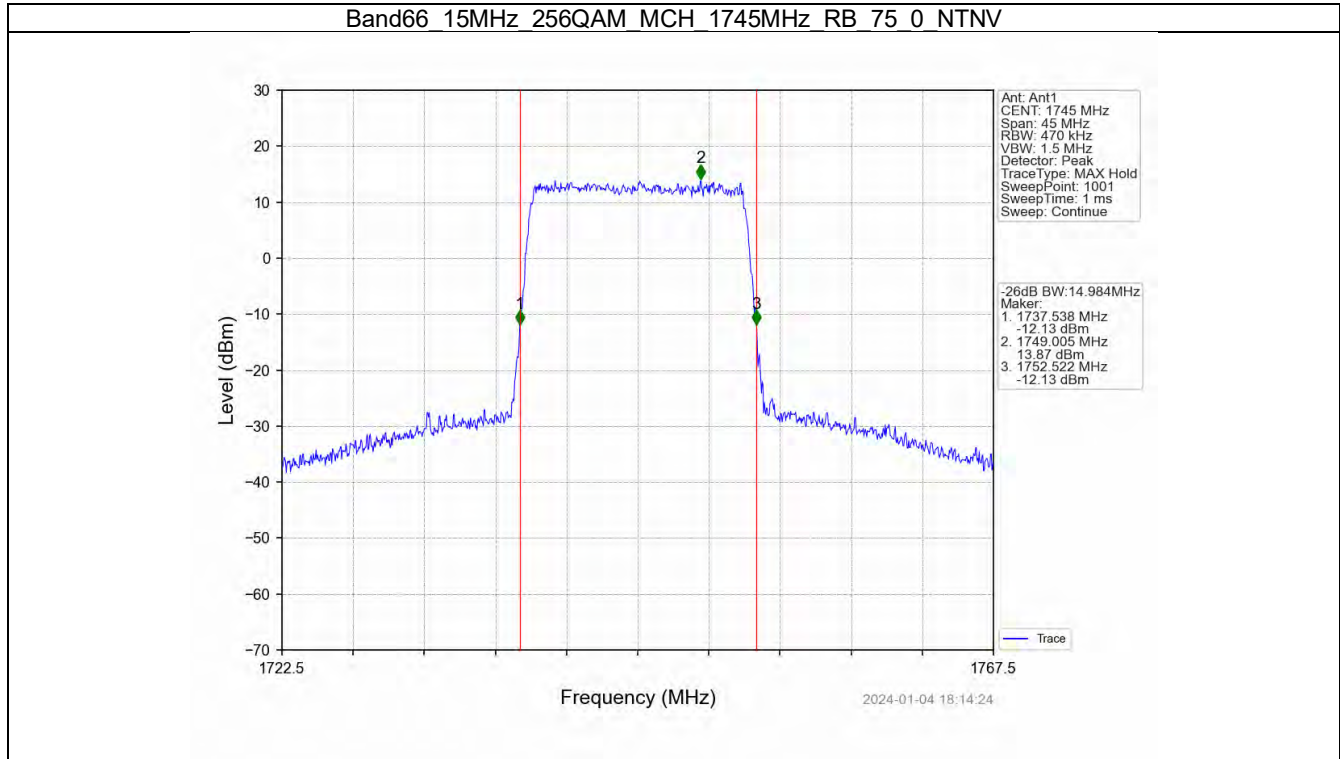
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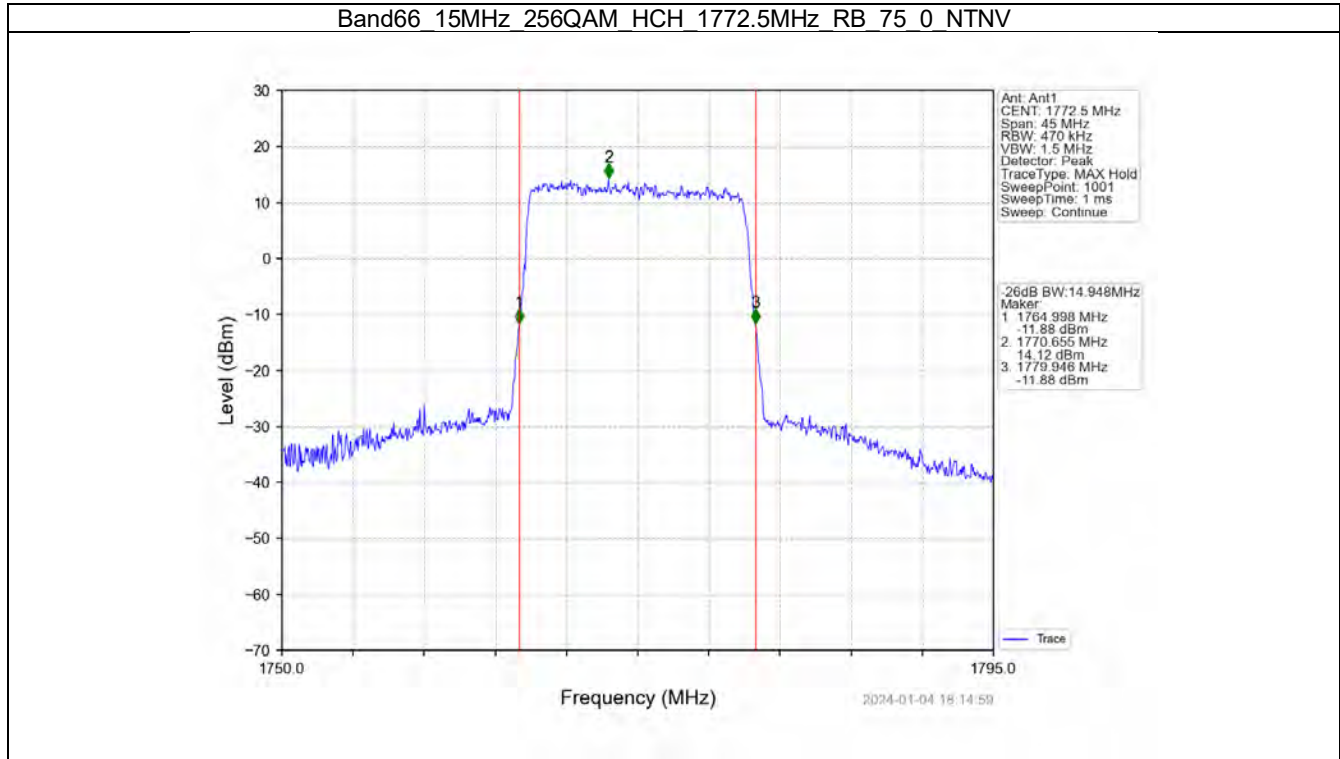
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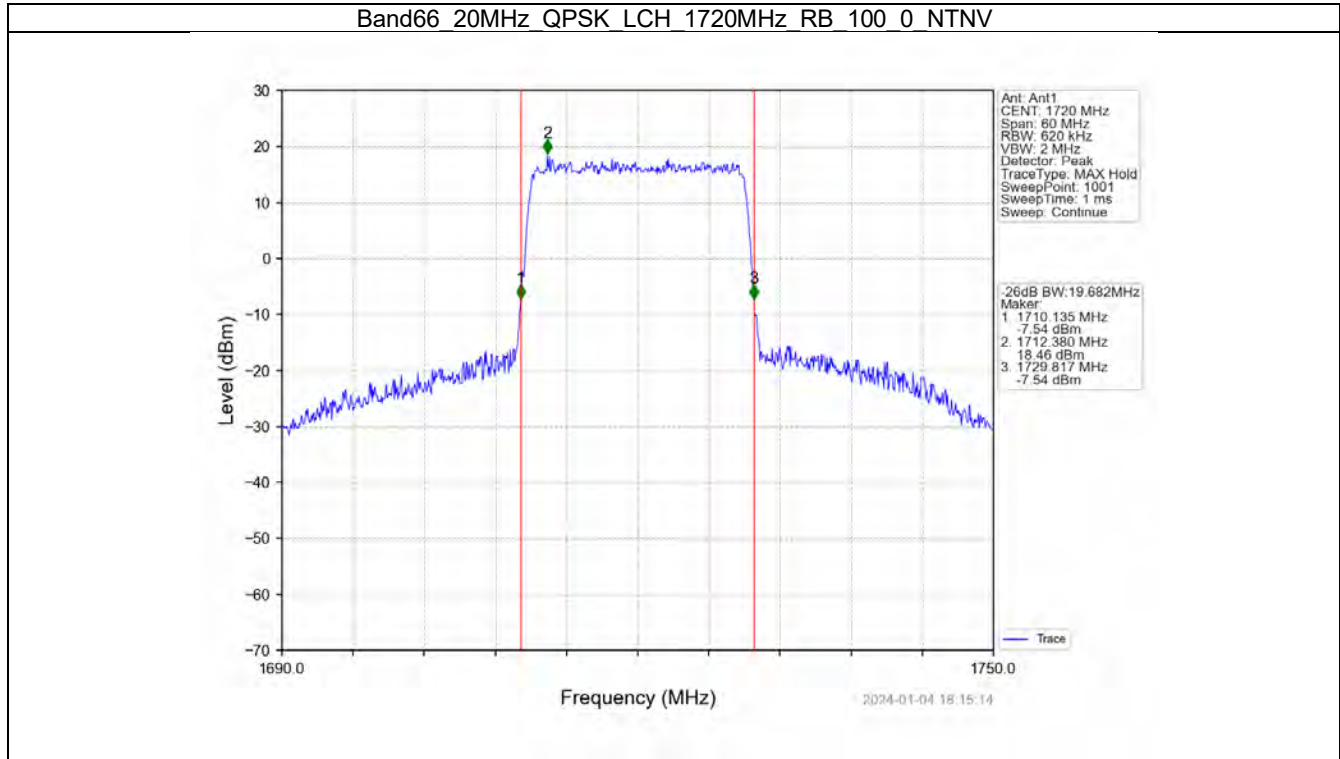


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