



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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Appendix B.17

LTE Band 66



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Shenzhen Branch, Accredited Wireless Laboratory

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1. Effective (Isotropic) Radiated Power Output Data

Ant0

1.1 B66_1.4MHz_EIRP

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	23.84	-0.90	22.94	<=30	Pass	
			2	23.78	-0.90	22.88	<=30	Pass	
			5	23.80	-0.90	22.90	<=30	Pass	
		3	0	23.85	-0.90	22.95	<=30	Pass	
			2	23.84	-0.90	22.94	<=30	Pass	
			3	23.86	-0.90	22.96	<=30	Pass	
	6	0	23.38	-0.90	22.48	<=30	Pass		
	1745	1	0	23.58	-0.90	22.68	<=30	Pass	
			2	23.55	-0.90	22.65	<=30	Pass	
			5	23.61	-0.90	22.71	<=30	Pass	
		3	0	24.08	-0.90	23.18	<=30	Pass	
			2	24.08	-0.90	23.18	<=30	Pass	
			3	24.08	-0.90	23.18	<=30	Pass	
	6	0	23.59	-0.90	22.69	<=30	Pass		
	1779.3	1	0	23.69	-0.90	22.79	<=30	Pass	
			2	23.67	-0.90	22.77	<=30	Pass	
			5	23.71	-0.90	22.81	<=30	Pass	
		3	0	24.21	-0.90	23.31	<=30	Pass	
			2	24.22	-0.90	23.32	<=30	Pass	
			3	24.23	-0.90	23.33	<=30	Pass	
	6	0	23.68	-0.90	22.78	<=30	Pass		
	16QAM	1710.7	1	0	22.90	-0.90	22.00	<=30	Pass
				2	22.84	-0.90	21.94	<=30	Pass
				5	22.89	-0.90	21.99	<=30	Pass
3			0	23.55	-0.90	22.65	<=30	Pass	
			2	23.56	-0.90	22.66	<=30	Pass	
			3	23.58	-0.90	22.68	<=30	Pass	
6		0	21.91	-0.90	21.01	<=30	Pass		
1745		1	0	23.26	-0.90	22.36	<=30	Pass	
			2	23.23	-0.90	22.33	<=30	Pass	
			5	23.28	-0.90	22.38	<=30	Pass	
		3	0	23.59	-0.90	22.69	<=30	Pass	
			2	23.57	-0.90	22.67	<=30	Pass	
			3	23.58	-0.90	22.68	<=30	Pass	
6		0	22.08	-0.90	21.18	<=30	Pass		
1779.3		1	0	23.21	-0.90	22.31	<=30	Pass	



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64QAM	1710.7	2	23.19	-0.90	22.29	<=30	Pass	
			23.25	-0.90	22.35	<=30	Pass	
		3	0	23.74	-0.90	22.84	<=30	Pass
			2	23.73	-0.90	22.83	<=30	Pass
		6	3	23.74	-0.90	22.84	<=30	Pass
			0	22.10	-0.90	21.20	<=30	Pass
	1745	1	0	22.74	-0.90	21.84	<=30	Pass
			2	22.78	-0.90	21.88	<=30	Pass
			5	22.77	-0.90	21.87	<=30	Pass
		3	0	23.10	-0.90	22.20	<=30	Pass
			2	23.10	-0.90	22.20	<=30	Pass
		6	3	23.10	-0.90	22.20	<=30	Pass
	1779.3	1	0	21.90	-0.90	21.00	<=30	Pass
			0	22.70	-0.90	21.80	<=30	Pass
			2	22.69	-0.90	21.79	<=30	Pass
		3	5	22.69	-0.90	21.79	<=30	Pass
			0	23.30	-0.90	22.40	<=30	Pass
		6	2	23.29	-0.90	22.39	<=30	Pass
1779.3	1	3	23.29	-0.90	22.39	<=30	Pass	
		0	22.27	-0.90	21.37	<=30	Pass	
		0	22.57	-0.90	21.67	<=30	Pass	
	3	2	22.52	-0.90	21.62	<=30	Pass	
		5	22.60	-0.90	21.70	<=30	Pass	
	6	0	23.13	-0.90	22.23	<=30	Pass	
1779.3	3	2	23.12	-0.90	22.22	<=30	Pass	
		3	23.13	-0.90	22.23	<=30	Pass	
	6	0	22.23	-0.90	21.33	<=30	Pass	



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1.2 B66_3MHz_EIRP

1.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1711.5	1	0	23.41	-0.90	22.51	<=30	Pass		
			7	23.38	-0.90	22.48	<=30	Pass		
			14	23.33	-0.90	22.43	<=30	Pass		
		8	0	23.39	-0.90	22.49	<=30	Pass		
			4	23.36	-0.90	22.46	<=30	Pass		
			7	23.35	-0.90	22.45	<=30	Pass		
		15	0	23.35	-0.90	22.45	<=30	Pass		
		1745	1	0	23.58	-0.90	22.68	<=30	Pass	
				7	23.57	-0.90	22.67	<=30	Pass	
	14			23.55	-0.90	22.65	<=30	Pass		
	8		0	23.60	-0.90	22.70	<=30	Pass		
			4	23.61	-0.90	22.71	<=30	Pass		
			7	23.61	-0.90	22.71	<=30	Pass		
	15		0	23.59	-0.90	22.69	<=30	Pass		
	1778.5		1	0	23.65	-0.90	22.75	<=30	Pass	
				7	23.66	-0.90	22.76	<=30	Pass	
		14		23.67	-0.90	22.77	<=30	Pass		
		8	0	23.70	-0.90	22.80	<=30	Pass		
			4	23.68	-0.90	22.78	<=30	Pass		
			7	23.69	-0.90	22.79	<=30	Pass		
		15	0	23.69	-0.90	22.79	<=30	Pass		
		16QAM	1711.5	1	0	23.41	-0.90	22.51	<=30	Pass
					7	23.38	-0.90	22.48	<=30	Pass
	14				23.34	-0.90	22.44	<=30	Pass	
8	0			22.04	-0.90	21.14	<=30	Pass		
	4			22.01	-0.90	21.11	<=30	Pass		
	7			22.02	-0.90	21.12	<=30	Pass		
15	0			21.94	-0.90	21.04	<=30	Pass		
1745	1			0	23.27	-0.90	22.37	<=30	Pass	
				7	23.27	-0.90	22.37	<=30	Pass	
			14	23.24	-0.90	22.34	<=30	Pass		
	8		0	22.09	-0.90	21.19	<=30	Pass		
			4	22.08	-0.90	21.18	<=30	Pass		
			7	22.09	-0.90	21.19	<=30	Pass		
	15		0	22.07	-0.90	21.17	<=30	Pass		
	1778.5		1	0	23.17	-0.90	22.27	<=30	Pass	
				7	23.20	-0.90	22.30	<=30	Pass	
14				23.20	-0.90	22.30	<=30	Pass		
8			0	22.28	-0.90	21.38	<=30	Pass		
			4	22.27	-0.90	21.37	<=30	Pass		
			7	22.26	-0.90	21.36	<=30	Pass		



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64QAM	1711.5	15	0	22.23	-0.90	21.33	<=30	Pass	
			1	0	22.62	-0.90	21.72	<=30	Pass
				7	22.62	-0.90	21.72	<=30	Pass
		8	14	22.58	-0.90	21.68	<=30	Pass	
			0	22.08	-0.90	21.18	<=30	Pass	
			4	22.05	-0.90	21.15	<=30	Pass	
		1745	15	7	22.03	-0.90	21.13	<=30	Pass
				0	21.85	-0.90	20.95	<=30	Pass
				1	0	22.67	-0.90	21.77	<=30
	7		22.68		-0.90	21.78	<=30	Pass	
	14		22.67		-0.90	21.77	<=30	Pass	
	8		0	22.04	-0.90	21.14	<=30	Pass	
			4	21.99	-0.90	21.09	<=30	Pass	
			7	22.01	-0.90	21.11	<=30	Pass	
	1778.5		15	0	22.23	-0.90	21.33	<=30	Pass
		1		0	22.53	-0.90	21.63	<=30	Pass
				7	22.55	-0.90	21.65	<=30	Pass
			14	22.52	-0.90	21.62	<=30	Pass	
		8	0	22.25	-0.90	21.35	<=30	Pass	
			4	22.22	-0.90	21.32	<=30	Pass	
			7	22.23	-0.90	21.33	<=30	Pass	
		15	0	22.23	-0.90	21.33	<=30	Pass	



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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	23.51	-0.90	22.61	<=30	Pass		
			13	23.48	-0.90	22.58	<=30	Pass		
			24	23.43	-0.90	22.53	<=30	Pass		
		12	0	23.40	-0.90	22.50	<=30	Pass		
			6	23.39	-0.90	22.49	<=30	Pass		
			13	23.37	-0.90	22.47	<=30	Pass		
		25	0	23.43	-0.90	22.53	<=30	Pass		
		1745	1	0	23.68	-0.90	22.78	<=30	Pass	
				13	23.68	-0.90	22.78	<=30	Pass	
	24			23.68	-0.90	22.78	<=30	Pass		
	12		0	23.64	-0.90	22.74	<=30	Pass		
			6	23.63	-0.90	22.73	<=30	Pass		
			13	23.61	-0.90	22.71	<=30	Pass		
	25		0	23.67	-0.90	22.77	<=30	Pass		
	1777.5		1	0	23.71	-0.90	22.81	<=30	Pass	
				13	23.73	-0.90	22.83	<=30	Pass	
		24		23.78	-0.90	22.88	<=30	Pass		
		12	0	23.71	-0.90	22.81	<=30	Pass		
			6	23.69	-0.90	22.79	<=30	Pass		
			13	23.72	-0.90	22.82	<=30	Pass		
		25	0	23.75	-0.90	22.85	<=30	Pass		
		16QAM	1712.5	1	0	22.79	-0.90	21.89	<=30	Pass
					13	22.76	-0.90	21.86	<=30	Pass
	24				22.73	-0.90	21.83	<=30	Pass	
12	0			21.95	-0.90	21.05	<=30	Pass		
	6			21.93	-0.90	21.03	<=30	Pass		
	13			21.90	-0.90	21.00	<=30	Pass		
25	0			21.95	-0.90	21.05	<=30	Pass		
1745	1			0	23.40	-0.90	22.50	<=30	Pass	
				13	23.40	-0.90	22.50	<=30	Pass	
			24	23.40	-0.90	22.50	<=30	Pass		
	12		0	22.18	-0.90	21.28	<=30	Pass		
			6	22.18	-0.90	21.28	<=30	Pass		
			13	22.19	-0.90	21.29	<=30	Pass		
	25		0	22.15	-0.90	21.25	<=30	Pass		
	1777.5		1	0	23.26	-0.90	22.36	<=30	Pass	
				13	23.29	-0.90	22.39	<=30	Pass	
24				23.34	-0.90	22.44	<=30	Pass		
12			0	22.23	-0.90	21.33	<=30	Pass		
			6	22.22	-0.90	21.32	<=30	Pass		
			13	22.25	-0.90	21.35	<=30	Pass		



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64QAM	1712.5	25	0	22.24	-0.90	21.34	<=30	Pass
		1	0	22.42	-0.90	21.52	<=30	Pass
			13	22.37	-0.90	21.47	<=30	Pass
			24	22.33	-0.90	21.43	<=30	Pass
		12	0	21.91	-0.90	21.01	<=30	Pass
			6	21.89	-0.90	20.99	<=30	Pass
			13	21.86	-0.90	20.96	<=30	Pass
		25	0	21.95	-0.90	21.05	<=30	Pass
		1745	1	0	22.80	-0.90	21.90	<=30
	13			22.81	-0.90	21.91	<=30	Pass
	24			22.80	-0.90	21.90	<=30	Pass
	12		0	22.17	-0.90	21.27	<=30	Pass
			6	22.18	-0.90	21.28	<=30	Pass
			13	22.16	-0.90	21.26	<=30	Pass
	25	0	22.19	-0.90	21.29	<=30	Pass	
	1777.5	1	0	22.85	-0.90	21.95	<=30	Pass
			13	22.88	-0.90	21.98	<=30	Pass
			24	22.93	-0.90	22.03	<=30	Pass
		12	0	22.37	-0.90	21.47	<=30	Pass
			6	22.36	-0.90	21.46	<=30	Pass
			13	22.38	-0.90	21.48	<=30	Pass
	25	0	22.24	-0.90	21.34	<=30	Pass	



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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	23.47	-0.90	22.57	<=30	Pass		
			25	23.32	-0.90	22.42	<=30	Pass		
			49	23.40	-0.90	22.50	<=30	Pass		
		25	0	23.40	-0.90	22.50	<=30	Pass		
			13	23.36	-0.90	22.46	<=30	Pass		
			25	23.38	-0.90	22.48	<=30	Pass		
		50	0	23.40	-0.90	22.50	<=30	Pass		
			1745	1	0	23.67	-0.90	22.77	<=30	Pass
					25	23.60	-0.90	22.70	<=30	Pass
	49	23.64			-0.90	22.74	<=30	Pass		
	25	0	23.64	-0.90	22.74	<=30	Pass			
		13	23.62	-0.90	22.72	<=30	Pass			
		25	23.64	-0.90	22.74	<=30	Pass			
	50	0	23.64	-0.90	22.74	<=30	Pass			
		1775	1	0	23.64	-0.90	22.74	<=30	Pass	
				25	23.63	-0.90	22.73	<=30	Pass	
	49			23.77	-0.90	22.87	<=30	Pass		
	25	0	23.66	-0.90	22.76	<=30	Pass			
		13	23.72	-0.90	22.82	<=30	Pass			
		25	23.69	-0.90	22.79	<=30	Pass			
	50	0	23.69	-0.90	22.79	<=30	Pass			
		1715	1	0	23.47	-0.90	22.57	<=30	Pass	
				25	23.35	-0.90	22.45	<=30	Pass	
	49			23.44	-0.90	22.54	<=30	Pass		
25	0		21.95	-0.90	21.05	<=30	Pass			
	13		21.92	-0.90	21.02	<=30	Pass			
	25		21.91	-0.90	21.01	<=30	Pass			
50	0		21.92	-0.90	21.02	<=30	Pass			
	1745		1	0	23.34	-0.90	22.44	<=30	Pass	
				25	23.29	-0.90	22.39	<=30	Pass	
49		23.32		-0.90	22.42	<=30	Pass			
25	0	22.16	-0.90	21.26	<=30	Pass				
	13	22.16	-0.90	21.26	<=30	Pass				
	25	22.14	-0.90	21.24	<=30	Pass				
50	0	22.14	-0.90	21.24	<=30	Pass				
	1775	1	0	23.16	-0.90	22.26	<=30	Pass		
			25	23.14	-0.90	22.24	<=30	Pass		
49			23.27	-0.90	22.37	<=30	Pass			
25	0	22.26	-0.90	21.36	<=30	Pass				
	13	22.27	-0.90	21.37	<=30	Pass				
	25	22.29	-0.90	21.39	<=30	Pass				



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64QAM	1715	50	0	22.21	-0.90	21.31	<=30	Pass	
			1	0	22.67	-0.90	21.77	<=30	Pass
				25	22.55	-0.90	21.65	<=30	Pass
		25	49	22.63	-0.90	21.73	<=30	Pass	
			0	21.96	-0.90	21.06	<=30	Pass	
			13	21.91	-0.90	21.01	<=30	Pass	
		1745	50	25	21.91	-0.90	21.01	<=30	Pass
				0	21.92	-0.90	21.02	<=30	Pass
				1	0	22.77	-0.90	21.87	<=30
	25		25	22.72	-0.90	21.82	<=30	Pass	
			49	22.76	-0.90	21.86	<=30	Pass	
			0	22.24	-0.90	21.34	<=30	Pass	
	1775	50	13	22.24	-0.90	21.34	<=30	Pass	
			25	22.22	-0.90	21.32	<=30	Pass	
			0	22.15	-0.90	21.25	<=30	Pass	
		1	0	22.51	-0.90	21.61	<=30	Pass	
			25	22.52	-0.90	21.62	<=30	Pass	
			49	22.62	-0.90	21.72	<=30	Pass	
		25	0	22.24	-0.90	21.34	<=30	Pass	
			13	22.26	-0.90	21.36	<=30	Pass	
			25	22.25	-0.90	21.35	<=30	Pass	
	50	0	22.21	-0.90	21.31	<=30	Pass		



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1.5 B66_15MHz_EIRP

1.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1717.5	1	0	23.68	-0.90	22.78	<=30	Pass		
			38	23.41	-0.90	22.51	<=30	Pass		
			74	23.48	-0.90	22.58	<=30	Pass		
		36	0	23.40	-0.90	22.50	<=30	Pass		
			18	23.41	-0.90	22.51	<=30	Pass		
			39	23.41	-0.90	22.51	<=30	Pass		
		75	0	23.42	-0.90	22.52	<=30	Pass		
		1745	1	0	23.68	-0.90	22.78	<=30	Pass	
				38	23.68	-0.90	22.78	<=30	Pass	
	74			23.59	-0.90	22.69	<=30	Pass		
	36		0	23.64	-0.90	22.74	<=30	Pass		
			18	23.66	-0.90	22.76	<=30	Pass		
			39	23.64	-0.90	22.74	<=30	Pass		
	75		0	23.66	-0.90	22.76	<=30	Pass		
	1772.5		1	0	23.62	-0.90	22.72	<=30	Pass	
				38	23.66	-0.90	22.76	<=30	Pass	
		74		23.74	-0.90	22.84	<=30	Pass		
		36	0	23.63	-0.90	22.73	<=30	Pass		
			18	23.65	-0.90	22.75	<=30	Pass		
			39	23.71	-0.90	22.81	<=30	Pass		
		75	0	23.67	-0.90	22.77	<=30	Pass		
		16QAM	1717.5	1	0	23.48	-0.90	22.58	<=30	Pass
					38	23.45	-0.90	22.55	<=30	Pass
	74				23.52	-0.90	22.62	<=30	Pass	
36	0			21.94	-0.90	21.04	<=30	Pass		
	18			21.95	-0.90	21.05	<=30	Pass		
	39			21.94	-0.90	21.04	<=30	Pass		
75	0			21.95	-0.90	21.05	<=30	Pass		
1745	1			0	23.35	-0.90	22.45	<=30	Pass	
				38	23.35	-0.90	22.45	<=30	Pass	
			74	23.27	-0.90	22.37	<=30	Pass		
	36		0	22.17	-0.90	21.27	<=30	Pass		
			18	22.18	-0.90	21.28	<=30	Pass		
			39	22.18	-0.90	21.28	<=30	Pass		
	75		0	22.20	-0.90	21.30	<=30	Pass		
	1772.5		1	0	23.45	-0.90	22.55	<=30	Pass	
				38	23.50	-0.90	22.60	<=30	Pass	
74				23.60	-0.90	22.70	<=30	Pass		
36			0	22.14	-0.90	21.24	<=30	Pass		
			18	22.16	-0.90	21.26	<=30	Pass		
			39	22.20	-0.90	21.30	<=30	Pass		



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64QAM	1717.5	75	0	22.18	-0.90	21.28	<=30	Pass	
			1	0	22.69	-0.90	21.79	<=30	Pass
				38	22.63	-0.90	21.73	<=30	Pass
		36	74	22.72	-0.90	21.82	<=30	Pass	
			0	21.97	-0.90	21.07	<=30	Pass	
			18	21.94	-0.90	21.04	<=30	Pass	
		75	39	21.94	-0.90	21.04	<=30	Pass	
			0	21.97	-0.90	21.07	<=30	Pass	
			1	0	22.75	-0.90	21.85	<=30	Pass
	38	22.78		-0.90	21.88	<=30	Pass		
	74	22.68		-0.90	21.78	<=30	Pass		
	1745	36	0	22.20	-0.90	21.30	<=30	Pass	
			18	22.21	-0.90	21.31	<=30	Pass	
			39	22.20	-0.90	21.30	<=30	Pass	
	75	0	22.19	-0.90	21.29	<=30	Pass		
		1	0	22.95	-0.90	22.05	<=30	Pass	
			38	23.00	-0.90	22.10	<=30	Pass	
	74		23.09	-0.90	22.19	<=30	Pass		
	1772.5	36	0	22.11	-0.90	21.21	<=30	Pass	
			18	22.13	-0.90	21.23	<=30	Pass	
			39	22.18	-0.90	21.28	<=30	Pass	
	75	0	22.20	-0.90	21.30	<=30	Pass		



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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	23.48	-0.90	22.58	<=30	Pass		
			50	23.49	-0.90	22.59	<=30	Pass		
			99	23.31	-0.90	22.41	<=30	Pass		
		50	0	23.49	-0.90	22.59	<=30	Pass		
			25	23.47	-0.90	22.57	<=30	Pass		
			50	23.51	-0.90	22.61	<=30	Pass		
		100	0	23.49	-0.90	22.59	<=30	Pass		
		1745	1	0	23.69	-0.90	22.79	<=30	Pass	
				50	23.71	-0.90	22.81	<=30	Pass	
	99			23.49	-0.90	22.59	<=30	Pass		
	50		0	23.71	-0.90	22.81	<=30	Pass		
			25	23.70	-0.90	22.80	<=30	Pass		
			50	23.68	-0.90	22.78	<=30	Pass		
	100		0	23.70	-0.90	22.80	<=30	Pass		
	1770		1	0	23.64	-0.90	22.74	<=30	Pass	
				50	23.61	-0.90	22.71	<=30	Pass	
		99		23.75	-0.90	22.85	<=30	Pass		
		50	0	23.65	-0.90	22.75	<=30	Pass		
			25	23.68	-0.90	22.78	<=30	Pass		
			50	23.69	-0.90	22.79	<=30	Pass		
		100	0	23.64	-0.90	22.74	<=30	Pass		
		16QAM	1720	1	0	23.22	-0.90	22.32	<=30	Pass
					50	23.20	-0.90	22.30	<=30	Pass
	99				23.11	-0.90	22.21	<=30	Pass	
50	0			21.99	-0.90	21.09	<=30	Pass		
	25			21.96	-0.90	21.06	<=30	Pass		
	50			22.01	-0.90	21.11	<=30	Pass		
100	0			21.97	-0.90	21.07	<=30	Pass		
1745	1			0	23.40	-0.90	22.50	<=30	Pass	
				50	23.42	-0.90	22.52	<=30	Pass	
			99	23.18	-0.90	22.28	<=30	Pass		
	50		0	22.18	-0.90	21.28	<=30	Pass		
			25	22.20	-0.90	21.30	<=30	Pass		
			50	22.16	-0.90	21.26	<=30	Pass		
	100		0	22.18	-0.90	21.28	<=30	Pass		
	1770		1	0	23.69	-0.90	22.79	<=30	Pass	
				50	23.68	-0.90	22.78	<=30	Pass	
99				23.83	-0.90	22.93	<=30	Pass		
50			0	22.12	-0.90	21.22	<=30	Pass		
			25	22.15	-0.90	21.25	<=30	Pass		
			50	22.19	-0.90	21.29	<=30	Pass		



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64QAM	1720	100	0	22.14	-0.90	21.24	<=30	Pass	
		1	0	22.63	-0.90	21.73	<=30	Pass	
			50	22.61	-0.90	21.71	<=30	Pass	
			99	22.70	-0.90	21.80	<=30	Pass	
		50	0	22.04	-0.90	21.14	<=30	Pass	
			25	22.02	-0.90	21.12	<=30	Pass	
			50	22.05	-0.90	21.15	<=30	Pass	
		100	0	21.98	-0.90	21.08	<=30	Pass	
		1745	1	0	22.97	-0.90	22.07	<=30	Pass
	50			23.00	-0.90	22.10	<=30	Pass	
	99			22.87	-0.90	21.97	<=30	Pass	
	50		0	22.21	-0.90	21.31	<=30	Pass	
			25	22.23	-0.90	21.33	<=30	Pass	
			50	22.20	-0.90	21.30	<=30	Pass	
	100		0	22.16	-0.90	21.26	<=30	Pass	
	1770		1	0	22.50	-0.90	21.60	<=30	Pass
				50	22.49	-0.90	21.59	<=30	Pass
		99		22.63	-0.90	21.73	<=30	Pass	
		50	0	22.15	-0.90	21.25	<=30	Pass	
			25	22.18	-0.90	21.28	<=30	Pass	
			50	22.20	-0.90	21.30	<=30	Pass	
		100	0	22.18	-0.90	21.28	<=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	Limit		
QPSK	1710.7	6	0	20	3.91	-4.234	-0.0025	/	Pass	
					3.5	-4.032	-0.0024	/	Pass	
					4.5	-6.820	-0.0040	/	Pass	
				-30	3.91	-6.087	-0.0036	/	Pass	
					-20	3.91	-3.059	-0.0018	/	Pass
						-10	3.91	-2.929	-0.0017	/
				0	3.91	-3.904	-0.0023	/	Pass	
					10	3.91	-5.967	-0.0035	/	Pass
					30	3.91	-5.254	-0.0031	/	Pass
	40	3.91	-4.939		-0.0029	/	Pass			
	50	3.91	-4.922		-0.0029	/	Pass			
	1745	6	0	20	3.91	-1.746	-0.0010	/	Pass	
					3.5	1.917	0.0011	/	Pass	
					4.5	-0.981	-0.0006	/	Pass	
				-30	3.91	2.366	0.0014	/	Pass	
					-20	3.91	-2.522	-0.0014	/	Pass
						-10	3.91	-2.492	-0.0014	/
				0	3.91	-2.187	-0.0013	/	Pass	
					10	3.91	-0.943	-0.0005	/	Pass
					30	3.91	-0.621	-0.0004	/	Pass
	40	3.91	-1.330		-0.0008	/	Pass			
	50	3.91	0.205		0.0001	/	Pass			
	1779.3	6	0	20	3.91	-7.580	-0.0043	/	Pass	
					3.5	-0.735	-0.0004	/	Pass	
					4.5	-5.404	-0.0030	/	Pass	
				-30	3.91	-4.309	-0.0024	/	Pass	
					-20	3.91	-3.717	-0.0021	/	Pass
-10						3.91	-6.236	-0.0035	/	Pass
0				3.91	-4.536	-0.0025	/	Pass		
				10	3.91	-6.378	-0.0036	/	Pass	
				30	3.91	-0.521	-0.0003	/	Pass	
	40	3.91	-0.362	-0.0002	/	Pass				
	50	3.91	0.817	0.0005	/	Pass				
16QAM	1710.7	6	0	20	3.91	-5.815	-0.0034	/	Pass	
					3.5	-0.917	-0.0005	/	Pass	
					4.5	-2.804	-0.0016	/	Pass	
				-30	3.91	-2.222	-0.0013	/	Pass	
					-20	3.91	-1.874	-0.0011	/	Pass
-10	3.91	-0.972	-0.0006	/	Pass					



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64QAM	1745	6	0	0	3.91	-0.939	-0.0005	/	Pass		
				10	3.91	-0.222	-0.0001	/	Pass		
				30	3.91	-0.478	-0.0003	/	Pass		
				40	3.91	-0.216	-0.0001	/	Pass		
				50	3.91	0.534	0.0003	/	Pass		
	1745	6	0	20	3.91	1.422	0.0008	/	Pass		
					3.5	-0.886	-0.0005	/	Pass		
					4.5	-3.194	-0.0018	/	Pass		
				-30	3.91	-5.528	-0.0032	/	Pass		
				-20	3.91	-3.391	-0.0019	/	Pass		
				-10	3.91	-5.967	-0.0034	/	Pass		
				0	3.91	-0.382	-0.0002	/	Pass		
				10	3.91	-4.803	-0.0028	/	Pass		
				30	3.91	-5.611	-0.0032	/	Pass		
				40	3.91	-4.427	-0.0025	/	Pass		
	50	3.91	-0.682	-0.0004	/	Pass					
	1779.3	6	0	20	3.91	-1.899	-0.0011	/	Pass		
					3.5	-3.422	-0.0019	/	Pass		
					4.5	-3.686	-0.0021	/	Pass		
				-30	3.91	-4.118	-0.0023	/	Pass		
				-20	3.91	-10.292	-0.0058	/	Pass		
				-10	3.91	-1.536	-0.0009	/	Pass		
				0	3.91	-4.218	-0.0024	/	Pass		
				10	3.91	-2.642	-0.0015	/	Pass		
				30	3.91	-2.215	-0.0012	/	Pass		
				40	3.91	-2.183	-0.0012	/	Pass		
	50	3.91	-2.674	-0.0015	/	Pass					
	1710.7	6	0	20	3.91	-2.025	-0.0012	/	Pass		
					3.5	-3.803	-0.0022	/	Pass		
					4.5	-4.342	-0.0025	/	Pass		
-30				3.91	-4.700	-0.0027	/	Pass			
-20				3.91	-5.516	-0.0032	/	Pass			
-10				3.91	-5.528	-0.0032	/	Pass			
0				3.91	-6.519	-0.0038	/	Pass			
10				3.91	-6.775	-0.0040	/	Pass			
30				3.91	-5.717	-0.0033	/	Pass			
40				3.91	-5.819	-0.0034	/	Pass			
50				3.91	-8.652	-0.0051	/	Pass			
1745				6	0	20	3.91	-3.354	-0.0019	/	Pass
							3.5	-2.066	-0.0012	/	Pass
							4.5	-3.730	-0.0021	/	Pass
						-30	3.91	1.618	0.0009	/	Pass
	-20	3.91	-1.768			-0.0010	/	Pass			
	-10	3.91	-1.674			-0.0010	/	Pass			
	0	3.91	-0.233			-0.0001	/	Pass			
	10	3.91	-0.612			-0.0004	/	Pass			
	30	3.91	-2.445			-0.0014	/	Pass			
40	3.91	-1.590	-0.0009	/	Pass						
50	3.91	-1.473	-0.0008	/	Pass						



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1779.3	6	0	20	3.91	-3.304	-0.0019	/	Pass
				3.5	-0.172	-0.0001	/	Pass
				4.5	-4.251	-0.0024	/	Pass
			-30	3.91	-4.369	-0.0025	/	Pass
			-20	3.91	-2.255	-0.0013	/	Pass
			-10	3.91	-3.859	-0.0022	/	Pass
			0	3.91	-1.803	-0.0010	/	Pass
			10	3.91	-3.753	-0.0021	/	Pass
			30	3.91	-4.579	-0.0026	/	Pass
			40	3.91	-1.649	-0.0009	/	Pass
			50	3.91	-2.551	-0.0014	/	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	Limit	
QPSK	1711.5	15	0	20	3.91	-1.909	-0.0011	/	Pass
					3.5	-5.066	-0.0030	/	Pass
					4.5	-5.339	-0.0031	/	Pass
				-30	3.91	-7.402	-0.0043	/	Pass
					3.91	-5.414	-0.0032	/	Pass
					3.91	-6.940	-0.0041	/	Pass
				-10	3.91	-2.523	-0.0015	/	Pass
					3.91	-5.363	-0.0031	/	Pass
					3.91	-4.375	-0.0026	/	Pass
				0	3.91	-4.581	-0.0027	/	Pass
					3.91	-6.472	-0.0038	/	Pass
					3.91	-3.486	-0.0020	/	Pass
	1745	15	0	20	3.5	-2.751	-0.0016	/	Pass
					4.5	-2.696	-0.0015	/	Pass
					3.91	-3.950	-0.0023	/	Pass
				-30	3.91	-3.561	-0.0020	/	Pass
					3.91	-3.247	-0.0019	/	Pass
					3.91	-3.728	-0.0021	/	Pass
				-10	3.91	-4.141	-0.0024	/	Pass
					3.91	-1.178	-0.0007	/	Pass
					3.91	-0.712	-0.0004	/	Pass
				0	3.91	-4.352	-0.0025	/	Pass
					3.91	3.056	0.0017	/	Pass
					3.91	2.522	0.0014	/	Pass
	1778.5	15	0	20	4.5	-0.607	-0.0003	/	Pass
					3.91	1.897	0.0011	/	Pass
					3.91	0.938	0.0005	/	Pass
				-30	3.91	-5.732	-0.0032	/	Pass
					3.91	1.350	0.0008	/	Pass
					3.91	-2.773	-0.0016	/	Pass
-20				3.91	-2.049	-0.0012	/	Pass	
				3.91	-0.881	-0.0005	/	Pass	
				3.91	-3.529	-0.0020	/	Pass	
-10				3.91	-4.687	-0.0027	/	Pass	
				3.91	-5.170	-0.0030	/	Pass	
				3.91	-8.506	-0.0050	/	Pass	
16QAM	1711.5	15	0	20	3.91	-5.162	-0.0030	/	Pass
					3.91	-5.667	-0.0033	/	Pass
					3.91	-4.061	-0.0024	/	Pass
				-30	3.91	-5.490	-0.0032	/	Pass
					3.91	-6.559	-0.0038	/	Pass
					3.91	-4.687	-0.0027	/	Pass



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64QAM	1745	15	0	30	3.91	-6.708	-0.0039	/	Pass
				40	3.91	-5.152	-0.0030	/	Pass
				50	3.91	-5.908	-0.0035	/	Pass
				20	3.91	-0.396	-0.0002	/	Pass
					3.5	1.610	0.0009	/	Pass
					4.5	1.496	0.0009	/	Pass
				-30	3.91	-2.889	-0.0017	/	Pass
				-20	3.91	-4.030	-0.0023	/	Pass
				-10	3.91	-2.369	-0.0014	/	Pass
	0	3.91	0.593	0.0003	/	Pass			
	10	3.91	-1.284	-0.0007	/	Pass			
	30	3.91	-2.134	-0.0012	/	Pass			
	40	3.91	-1.107	-0.0006	/	Pass			
	50	3.91	-2.143	-0.0012	/	Pass			
	1778.5	15	0	20	3.91	0.587	0.0003	/	Pass
					3.5	-1.603	-0.0009	/	Pass
					4.5	0.423	0.0002	/	Pass
				-30	3.91	-1.100	-0.0006	/	Pass
-20				3.91	1.088	0.0006	/	Pass	
-10				3.91	-0.306	-0.0002	/	Pass	
0				3.91	-2.252	-0.0013	/	Pass	
10				3.91	-0.209	-0.0001	/	Pass	
30				3.91	0.718	0.0004	/	Pass	
40	3.91	3.323	0.0019	/	Pass				
50	3.91	-1.469	-0.0008	/	Pass				
1711.5	15	0	20	3.91	-2.804	-0.0016	/	Pass	
				3.5	-7.373	-0.0043	/	Pass	
				4.5	-2.253	-0.0013	/	Pass	
			-30	3.91	-6.760	-0.0039	/	Pass	
			-20	3.91	-5.635	-0.0033	/	Pass	
			-10	3.91	-6.056	-0.0035	/	Pass	
			0	3.91	-6.553	-0.0038	/	Pass	
			10	3.91	-4.168	-0.0024	/	Pass	
			30	3.91	-6.273	-0.0037	/	Pass	
			40	3.91	-5.337	-0.0031	/	Pass	
			50	3.91	-3.382	-0.0020	/	Pass	
			1745	15	0	20	3.91	-1.511	-0.0009
3.5	-1.890	-0.0011					/	Pass	
4.5	-1.400	-0.0008					/	Pass	
-30	3.91	-1.722				-0.0010	/	Pass	
-20	3.91	-1.693				-0.0010	/	Pass	
-10	3.91	-0.201				-0.0001	/	Pass	
0	3.91	0.923				0.0005	/	Pass	
10	3.91	-3.875				-0.0022	/	Pass	
30	3.91	-4.928				-0.0028	/	Pass	
40	3.91	-2.949				-0.0017	/	Pass	
50	3.91	-2.161	-0.0012	/	Pass				
1778.5	15	0	20	3.91	-0.711	-0.0004	/	Pass	
				3.5	0.353	0.0002	/	Pass	



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				4.5	0.183	0.0001	/	Pass
				-30	3.91	0.307	0.0002	Pass
				-20	3.91	-1.901	-0.0011	Pass
				-10	3.91	-3.886	-0.0022	Pass
				0	3.91	-0.075	0.0000	Pass
				10	3.91	-4.063	-0.0023	Pass
				30	3.91	-2.457	-0.0014	Pass
				40	3.91	-2.439	-0.0014	Pass
				50	3.91	-1.315	-0.0007	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	Limit				
QPSK	1712.5	25	0	20	3.91	0.285	0.0002	/	Pass			
					3.5	-0.941	-0.0005	/	Pass			
					4.5	0.267	0.0002	/	Pass			
				-30	3.91	2.077	0.0012	/	Pass			
					-20	3.91	0.059	0.0000	/	Pass		
					-10	3.91	0.058	0.0000	/	Pass		
				0	0	3.91	3.159	0.0018	/	Pass		
					10	3.91	-1.074	-0.0006	/	Pass		
					30	3.91	1.607	0.0009	/	Pass		
				40	3.91	0.848	0.0005	/	Pass			
					50	3.91	-0.763	-0.0004	/	Pass		
					20	3.91	-0.381	-0.0002	/	Pass		
	1745	25	0	20	3.5	-1.435	-0.0008	/	Pass			
					4.5	-1.672	-0.0010	/	Pass			
					-30	3.91	1.048	0.0006	/	Pass		
				-20	3.91	-1.231	-0.0007	/	Pass			
					-10	3.91	0.091	0.0001	/	Pass		
					0	3.91	0.015	0.0000	/	Pass		
				10	3.91	-0.191	-0.0001	/	Pass			
					30	3.91	-2.381	-0.0014	/	Pass		
					40	3.91	-5.043	-0.0029	/	Pass		
				50	3.91	-2.775	-0.0016	/	Pass			
					20	3.91	-1.353	-0.0008	/	Pass		
					20	3.5	0.454	0.0003	/	Pass		
	4.5	-1.591	-0.0009	/		Pass						
	-30	3.91	-1.763	-0.0010		/	Pass					
	1777.5	25	0	-20	3.91	-2.001	-0.0011	/	Pass			
					-10	3.91	-0.344	-0.0002	/	Pass		
					0	3.91	1.135	0.0006	/	Pass		
				10	3.91	0.945	0.0005	/	Pass			
30					3.91	-3.129	-0.0018	/	Pass			
40					3.91	-3.814	-0.0021	/	Pass			
50				3.91	-0.953	-0.0005	/	Pass				
				20	3.91	-0.056	0.0000	/	Pass			
					3.5	0.798	0.0005	/	Pass			
4.5					0.526	0.0003	/	Pass				
16QAM				1712.5	25	0	-30	3.91	2.259	0.0013	/	Pass
								-20	3.91	-0.352	-0.0002	/
	-10	3.91	-1.336					-0.0008	/	Pass		
	0	0	3.91				1.432	0.0008	/	Pass		
		10	3.91				0.820	0.0005	/	Pass		



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64QAM	1745	25	0	30	3.91	-2.375	-0.0014	/	Pass
				40	3.91	-1.305	-0.0008	/	Pass
				50	3.91	-0.900	-0.0005	/	Pass
				20	3.91	-1.772	-0.0010	/	Pass
					3.5	-1.072	-0.0006	/	Pass
					4.5	-3.118	-0.0018	/	Pass
				-30	3.91	-5.344	-0.0031	/	Pass
				-20	3.91	-5.639	-0.0032	/	Pass
				-10	3.91	-4.210	-0.0024	/	Pass
				0	3.91	-4.908	-0.0028	/	Pass
	10	3.91	-5.413	-0.0031	/	Pass			
	30	3.91	-3.045	-0.0017	/	Pass			
	40	3.91	-3.879	-0.0022	/	Pass			
	50	3.91	-4.611	-0.0026	/	Pass			
	1777.5	25	0	20	3.91	2.364	0.0013	/	Pass
					3.5	2.112	0.0012	/	Pass
					4.5	2.035	0.0011	/	Pass
				-30	3.91	0.676	0.0004	/	Pass
				-20	3.91	1.395	0.0008	/	Pass
				-10	3.91	2.351	0.0013	/	Pass
0				3.91	-0.062	0.0000	/	Pass	
10				3.91	-0.555	-0.0003	/	Pass	
30				3.91	3.312	0.0019	/	Pass	
40				3.91	1.205	0.0007	/	Pass	
50	3.91	1.432	0.0008	/	Pass				
1712.5	25	0	20	3.91	3.179	0.0019	/	Pass	
				3.5	-0.069	0.0000	/	Pass	
				4.5	-0.504	-0.0003	/	Pass	
			-30	3.91	2.559	0.0015	/	Pass	
			-20	3.91	0.829	0.0005	/	Pass	
			-10	3.91	0.223	0.0001	/	Pass	
			0	3.91	2.011	0.0012	/	Pass	
			10	3.91	-0.022	0.0000	/	Pass	
			30	3.91	2.922	0.0017	/	Pass	
			40	3.91	2.880	0.0017	/	Pass	
50	3.91	4.061	0.0024	/	Pass				
1745	25	0	20	3.91	-3.982	-0.0023	/	Pass	
				3.5	-6.479	-0.0037	/	Pass	
				4.5	-3.512	-0.0020	/	Pass	
			-30	3.91	-1.710	-0.0010	/	Pass	
			-20	3.91	-1.250	-0.0007	/	Pass	
			-10	3.91	-2.083	-0.0012	/	Pass	
			0	3.91	-5.932	-0.0034	/	Pass	
			10	3.91	-2.214	-0.0013	/	Pass	
			30	3.91	-1.835	-0.0011	/	Pass	
			40	3.91	-5.241	-0.0030	/	Pass	
50	3.91	-5.257	-0.0030	/	Pass				
1777.5	25	0	20	3.91	0.888	0.0005	/	Pass	
				3.5	2.847	0.0016	/	Pass	



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				4.5	3.110	0.0017	/	Pass
				-30	3.91	2.012	0.0011	Pass
				-20	3.91	0.236	0.0001	Pass
				-10	3.91	1.125	0.0006	Pass
				0	3.91	4.648	0.0026	Pass
				10	3.91	3.392	0.0019	Pass
				30	3.91	4.901	0.0028	Pass
				40	3.91	3.352	0.0019	Pass
				50	3.91	-0.436	-0.0002	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	Limit	
QPSK	1715	50	0	20	3.91	-2.829	-0.0016	/	Pass
					3.5	-5.970	-0.0035	/	Pass
					4.5	-2.867	-0.0017	/	Pass
				-30	3.91	-4.059	-0.0024	/	Pass
					3.91	-3.352	-0.0020	/	Pass
					3.91	-3.393	-0.0020	/	Pass
				0	3.91	-5.056	-0.0029	/	Pass
					3.91	-2.522	-0.0015	/	Pass
					3.91	-4.297	-0.0025	/	Pass
				30	3.91	-2.250	-0.0013	/	Pass
					3.91	-1.640	-0.0010	/	Pass
					3.91	-1.223	-0.0007	/	Pass
	1745	50	0	20	3.91	-1.223	-0.0007	/	Pass
					3.5	-0.814	-0.0005	/	Pass
					4.5	-0.835	-0.0005	/	Pass
				-30	3.91	-0.788	-0.0005	/	Pass
					3.91	-2.614	-0.0015	/	Pass
					3.91	0.255	0.0001	/	Pass
				0	3.91	-1.521	-0.0009	/	Pass
					3.91	-1.283	-0.0007	/	Pass
					3.91	-2.519	-0.0014	/	Pass
				30	3.91	-5.351	-0.0031	/	Pass
					3.91	-2.305	-0.0013	/	Pass
					3.91	-6.232	-0.0035	/	Pass
	1775	50	0	20	3.91	-6.232	-0.0035	/	Pass
					3.5	-0.999	-0.0006	/	Pass
					4.5	-0.045	0.0000	/	Pass
				-30	3.91	-6.864	-0.0039	/	Pass
					3.91	-1.231	-0.0007	/	Pass
					3.91	-2.238	-0.0013	/	Pass
0				3.91	-4.353	-0.0025	/	Pass	
				3.91	-0.946	-0.0005	/	Pass	
				3.91	-0.027	0.0000	/	Pass	
30				3.91	-0.027	0.0000	/	Pass	
				3.91	-2.936	-0.0017	/	Pass	
				3.91	-2.873	-0.0016	/	Pass	
16QAM	1715	50	0	20	3.91	-0.666	-0.0004	/	Pass
					3.5	-2.267	-0.0013	/	Pass
					4.5	-2.758	-0.0016	/	Pass
				-30	3.91	-3.788	-0.0022	/	Pass
					3.91	-4.243	-0.0025	/	Pass
					3.91	-0.951	-0.0006	/	Pass
				0	3.91	-4.514	-0.0026	/	Pass
					3.91	-2.336	-0.0014	/	Pass



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64QAM	1745	50	0	30	3.91	-3.317	-0.0019	/	Pass
				40	3.91	-3.339	-0.0019	/	Pass
				50	3.91	-2.602	-0.0015	/	Pass
				20	3.91	-3.414	-0.0020	/	Pass
					3.5	-1.342	-0.0008	/	Pass
					4.5	-1.756	-0.0010	/	Pass
				-30	3.91	-1.899	-0.0011	/	Pass
				-20	3.91	-1.827	-0.0010	/	Pass
				-10	3.91	2.526	0.0014	/	Pass
				0	3.91	1.830	0.0010	/	Pass
	10	3.91	-1.847	-0.0011	/	Pass			
	30	3.91	-1.405	-0.0008	/	Pass			
	40	3.91	0.541	0.0003	/	Pass			
	50	3.91	0.899	0.0005	/	Pass			
	1775	50	0	20	3.91	-0.395	-0.0002	/	Pass
					3.5	-3.688	-0.0021	/	Pass
					4.5	-0.093	-0.0001	/	Pass
				-30	3.91	1.969	0.0011	/	Pass
				-20	3.91	-0.749	-0.0004	/	Pass
				-10	3.91	-1.250	-0.0007	/	Pass
0				3.91	-5.175	-0.0029	/	Pass	
10				3.91	-2.332	-0.0013	/	Pass	
30				3.91	-1.545	-0.0009	/	Pass	
40				3.91	-1.205	-0.0007	/	Pass	
50	3.91	-2.452	-0.0014	/	Pass				
1715	50	0	20	3.91	-2.752	-0.0016	/	Pass	
				3.5	-1.332	-0.0008	/	Pass	
				4.5	-5.052	-0.0029	/	Pass	
			-30	3.91	-4.745	-0.0028	/	Pass	
			-20	3.91	-4.926	-0.0029	/	Pass	
			-10	3.91	-4.957	-0.0029	/	Pass	
			0	3.91	-5.466	-0.0032	/	Pass	
			10	3.91	-2.664	-0.0016	/	Pass	
			30	3.91	-2.264	-0.0013	/	Pass	
			40	3.91	-4.876	-0.0028	/	Pass	
	50	3.91	-1.221	-0.0007	/	Pass			
	1745	50	0	20	3.91	2.972	0.0017	/	Pass
					3.5	1.663	0.0010	/	Pass
					4.5	2.212	0.0013	/	Pass
				-30	3.91	-0.178	-0.0001	/	Pass
				-20	3.91	-3.960	-0.0023	/	Pass
				-10	3.91	1.767	0.0010	/	Pass
				0	3.91	1.310	0.0008	/	Pass
10				3.91	-1.159	-0.0007	/	Pass	
30	3.91	1.745	0.0010	/	Pass				
40	3.91	2.973	0.0017	/	Pass				
50	3.91	-1.676	-0.0010	/	Pass				
1775	50	0	20	3.91	-3.955	-0.0022	/	Pass	
				3.5	-2.507	-0.0014	/	Pass	



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				4.5	-3.102	-0.0017	/	Pass
				-30	3.91	-1.884	-0.0011	Pass
				-20	3.91	-3.028	-0.0017	Pass
				-10	3.91	0.684	0.0004	Pass
				0	3.91	-3.270	-0.0018	Pass
				10	3.91	-4.043	-0.0023	Pass
				30	3.91	-2.397	-0.0014	Pass
				40	3.91	-3.672	-0.0021	Pass
				50	3.91	-1.338	-0.0008	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	Limit	
QPSK	1717.5	75	0	20	3.91	-4.672	-0.0027	/	Pass
					3.5	-2.458	-0.0014	/	Pass
					4.5	1.456	0.0008	/	Pass
				-30	3.91	-2.343	-0.0014	/	Pass
					3.91	-2.857	-0.0017	/	Pass
					3.91	-2.797	-0.0016	/	Pass
				-10	3.91	-2.447	-0.0014	/	Pass
					3.91	-2.148	-0.0013	/	Pass
					3.91	-3.597	-0.0021	/	Pass
				0	3.91	-2.512	-0.0015	/	Pass
					3.91	-1.552	-0.0009	/	Pass
					3.91	-0.055	0.0000	/	Pass
	1745	75	0	20	3.5	-0.760	-0.0004	/	Pass
					4.5	0.754	0.0004	/	Pass
					3.91	-0.213	-0.0001	/	Pass
				-30	3.91	0.508	0.0003	/	Pass
					3.91	-2.229	-0.0013	/	Pass
					3.91	-0.538	-0.0003	/	Pass
				-10	3.91	1.504	0.0009	/	Pass
					3.91	0.723	0.0004	/	Pass
					3.91	-1.116	-0.0006	/	Pass
				0	3.91	5.296	0.0030	/	Pass
					3.91	-3.976	-0.0022	/	Pass
					3.91	-4.964	-0.0028	/	Pass
	1772.5	75	0	20	4.5	-3.860	-0.0022	/	Pass
					3.91	-7.800	-0.0044	/	Pass
					3.91	-3.243	-0.0018	/	Pass
				-30	3.91	-6.518	-0.0037	/	Pass
					3.91	-5.141	-0.0029	/	Pass
					3.91	-6.079	-0.0034	/	Pass
-10				3.91	-3.814	-0.0022	/	Pass	
				3.91	-6.000	-0.0034	/	Pass	
				3.91	-4.568	-0.0026	/	Pass	
0				3.91	-3.271	-0.0019	/	Pass	
				3.91	-3.695	-0.0022	/	Pass	
				3.91	-3.449	-0.0020	/	Pass	
16QAM	1717.5	75	0	-30	3.91	-3.412	-0.0020	/	Pass
					3.91	-2.307	-0.0013	/	Pass
					3.91	-0.157	-0.0001	/	Pass
				-10	3.91	-0.982	-0.0006	/	Pass
					3.91	-3.646	-0.0021	/	Pass
					3.91	-3.646	-0.0021	/	Pass



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64QAM	1745	75	0	30	3.91	-3.046	-0.0018	/	Pass
				40	3.91	-2.055	-0.0012	/	Pass
				50	3.91	-3.095	-0.0018	/	Pass
				20	3.91	0.366	0.0002	/	Pass
					3.5	1.374	0.0008	/	Pass
					4.5	1.560	0.0009	/	Pass
				-30	3.91	2.144	0.0012	/	Pass
				-20	3.91	1.716	0.0010	/	Pass
				-10	3.91	-1.614	-0.0009	/	Pass
				0	3.91	-2.565	-0.0015	/	Pass
	10	3.91	-2.574	-0.0015	/	Pass			
	30	3.91	-4.550	-0.0026	/	Pass			
	40	3.91	-4.525	-0.0026	/	Pass			
	50	3.91	-3.347	-0.0019	/	Pass			
	1772.5	75	0	20	3.91	-6.996	-0.0039	/	Pass
					3.5	-6.306	-0.0036	/	Pass
					4.5	-3.481	-0.0020	/	Pass
				-30	3.91	-3.536	-0.0020	/	Pass
				-20	3.91	-1.263	-0.0007	/	Pass
				-10	3.91	-4.951	-0.0028	/	Pass
0				3.91	-6.894	-0.0039	/	Pass	
10				3.91	-6.329	-0.0036	/	Pass	
30				3.91	-5.573	-0.0031	/	Pass	
40				3.91	-4.806	-0.0027	/	Pass	
50	3.91	-4.555	-0.0026	/	Pass				
1717.5	75	0	20	3.91	-2.393	-0.0014	/	Pass	
				3.5	-0.795	-0.0005	/	Pass	
				4.5	-1.688	-0.0010	/	Pass	
			-30	3.91	-1.377	-0.0008	/	Pass	
			-20	3.91	-1.370	-0.0008	/	Pass	
			-10	3.91	1.292	0.0008	/	Pass	
			0	3.91	-1.246	-0.0007	/	Pass	
			10	3.91	-1.005	-0.0006	/	Pass	
			30	3.91	-3.495	-0.0020	/	Pass	
			40	3.91	-2.597	-0.0015	/	Pass	
	50	3.91	-2.061	-0.0012	/	Pass			
	1745	75	0	20	3.91	-0.317	-0.0002	/	Pass
					3.5	-3.429	-0.0020	/	Pass
					4.5	-0.353	-0.0002	/	Pass
				-30	3.91	-2.372	-0.0014	/	Pass
				-20	3.91	-1.752	-0.0010	/	Pass
				-10	3.91	-2.343	-0.0013	/	Pass
				0	3.91	-1.925	-0.0011	/	Pass
10				3.91	-3.169	-0.0018	/	Pass	
30	3.91	-2.686	-0.0015	/	Pass				
40	3.91	-1.856	-0.0011	/	Pass				
50	3.91	-6.400	-0.0037	/	Pass				
1772.5	75	0	20	3.91	-3.412	-0.0019	/	Pass	
				3.5	-5.310	-0.0030	/	Pass	



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				4.5	-3.685	-0.0021	/	Pass
				-30	3.91	-4.907	-0.0028	Pass
				-20	3.91	-2.098	-0.0012	Pass
				-10	3.91	-5.623	-0.0032	Pass
				0	3.91	-3.961	-0.0022	Pass
				10	3.91	-5.414	-0.0031	Pass
				30	3.91	-4.190	-0.0024	Pass
				40	3.91	-5.274	-0.0030	Pass
				50	3.91	-5.268	-0.0030	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	Limit				
QPSK	1720	100	0	20	3.91	-3.502	-0.0020	/	Pass			
					3.5	-0.979	-0.0006	/	Pass			
					4.5	-4.875	-0.0028	/	Pass			
				-30	3.91	-4.438	-0.0026	/	Pass			
					3.91	-4.229	-0.0025	/	Pass			
					3.91	-0.665	-0.0004	/	Pass			
				-10	3.91	-3.277	-0.0019	/	Pass			
					3.91	-4.328	-0.0025	/	Pass			
					3.91	-1.395	-0.0008	/	Pass			
				0	3.91	-1.055	-0.0006	/	Pass			
					3.91	-2.313	-0.0013	/	Pass			
					3.91	-2.144	-0.0012	/	Pass			
	1745	100	0	20	3.5	-0.683	-0.0004	/	Pass			
					4.5	-2.735	-0.0016	/	Pass			
					3.91	0.900	0.0005	/	Pass			
				-30	3.91	-0.695	-0.0004	/	Pass			
					3.91	1.949	0.0011	/	Pass			
					3.91	-0.930	-0.0005	/	Pass			
				-10	3.91	-1.628	-0.0009	/	Pass			
					3.91	-0.786	-0.0005	/	Pass			
					3.91	2.477	0.0014	/	Pass			
				0	3.91	-1.222	-0.0007	/	Pass			
					3.91	0.257	0.0001	/	Pass			
					3.91	-1.966	-0.0011	/	Pass			
	1770	100	0	20	4.5	-0.352	-0.0002	/	Pass			
					3.91	-0.798	-0.0005	/	Pass			
					3.91	-2.609	-0.0015	/	Pass			
				-30	3.91	-0.466	-0.0003	/	Pass			
					3.91	-5.243	-0.0030	/	Pass			
					3.91	-2.862	-0.0016	/	Pass			
-20				3.91	-1.863	-0.0011	/	Pass				
				3.91	-1.036	-0.0006	/	Pass				
				3.91	-1.971	-0.0011	/	Pass				
16QAM				1720	100	0	20	3.91	-5.473	-0.0032	/	Pass
								3.5	-4.640	-0.0027	/	Pass
								4.5	-3.626	-0.0021	/	Pass
	-30	3.91	-4.591				-0.0027	/	Pass			
		3.91	-4.872				-0.0028	/	Pass			
		3.91	-1.458				-0.0008	/	Pass			
-10	3.91	-1.864	-0.0011	/	Pass							
	3.91	-5.248	-0.0031	/	Pass							



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64QAM	1745	100	0	30	3.91	-3.249	-0.0019	/	Pass		
				40	3.91	-5.901	-0.0034	/	Pass		
				50	3.91	-0.220	-0.0001	/	Pass		
				20	3.91	-1.963	-0.0011	/	Pass		
					3.5	0.254	0.0001	/	Pass		
					4.5	-2.259	-0.0013	/	Pass		
				-30	3.91	0.447	0.0003	/	Pass		
				-20	3.91	-1.409	-0.0008	/	Pass		
				-10	3.91	-0.460	-0.0003	/	Pass		
				0	3.91	-0.603	-0.0003	/	Pass		
	10	3.91	-1.000	-0.0006	/	Pass					
	30	3.91	0.366	0.0002	/	Pass					
	40	3.91	2.154	0.0012	/	Pass					
	50	3.91	1.493	0.0009	/	Pass					
	1770	100	0	20	3.91	-2.854	-0.0016	/	Pass		
					3.5	-4.044	-0.0023	/	Pass		
					4.5	-0.184	-0.0001	/	Pass		
				-30	3.91	-3.908	-0.0022	/	Pass		
				-20	3.91	-6.046	-0.0034	/	Pass		
				-10	3.91	-1.779	-0.0010	/	Pass		
0				3.91	-3.077	-0.0017	/	Pass			
10				3.91	-5.595	-0.0032	/	Pass			
30				3.91	-2.048	-0.0012	/	Pass			
40				3.91	-2.544	-0.0014	/	Pass			
50	3.91	-2.860	-0.0016	/	Pass						
1720	100	0	20	3.91	-2.360	-0.0014	/	Pass			
				3.5	-2.194	-0.0013	/	Pass			
				4.5	-3.886	-0.0023	/	Pass			
			-30	3.91	-0.192	-0.0001	/	Pass			
			-20	3.91	-5.332	-0.0031	/	Pass			
			-10	3.91	-2.779	-0.0016	/	Pass			
			0	3.91	-1.370	-0.0008	/	Pass			
			10	3.91	-2.489	-0.0014	/	Pass			
			30	3.91	-2.977	-0.0017	/	Pass			
			40	3.91	-1.276	-0.0007	/	Pass			
			50	3.91	-4.703	-0.0027	/	Pass			
			1745	100	0	20	3.91	2.514	0.0014	/	Pass
							3.5	1.694	0.0010	/	Pass
							4.5	3.168	0.0018	/	Pass
						-30	3.91	-0.485	-0.0003	/	Pass
						-20	3.91	-2.637	-0.0015	/	Pass
						-10	3.91	-0.608	-0.0003	/	Pass
						0	3.91	1.320	0.0008	/	Pass
10	3.91	-1.745				-0.0010	/	Pass			
30	3.91	-2.067				-0.0012	/	Pass			
40	3.91	2.407				0.0014	/	Pass			
50	3.91	-1.039	-0.0006	/	Pass						
1770	100	0	20	3.91	-2.336	-0.0013	/	Pass			
				3.5	-2.717	-0.0015	/	Pass			



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				4.5	-2.598	-0.0015	/	Pass
				-30	3.91	0.382	0.0002	Pass
				-20	3.91	0.187	0.0001	Pass
				-10	3.91	-4.337	-0.0025	Pass
				0	3.91	-3.058	-0.0017	Pass
				10	3.91	-4.330	-0.0024	Pass
				30	3.91	-3.653	-0.0021	Pass
				40	3.91	-1.344	-0.0008	Pass
				50	3.91	-3.799	-0.0021	Pass



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3. 99% & 26dB Bandwidth

3.1 Band66_OBW

3.1.1 Test Result

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.110	/	Pass
		1745	6	0	1.106	/	Pass
		1779.3	6	0	1.110	/	Pass
	16QAM	1710.7	6	0	1.110	/	Pass
		1745	6	0	1.112	/	Pass
		1779.3	6	0	1.111	/	Pass
	64QAM	1710.7	6	0	1.115	/	Pass
		1745	6	0	1.112	/	Pass
		1779.3	6	0	1.110	/	Pass
3	QPSK	1711.5	15	0	2.735	/	Pass
		1745	15	0	2.737	/	Pass
		1778.5	15	0	2.737	/	Pass
	16QAM	1711.5	15	0	2.734	/	Pass
		1745	15	0	2.732	/	Pass
		1778.5	15	0	2.727	/	Pass
	64QAM	1711.5	15	0	2.737	/	Pass
		1745	15	0	2.722	/	Pass
		1778.5	15	0	2.722	/	Pass
5	QPSK	1712.5	25	0	4.549	/	Pass
		1745	25	0	4.540	/	Pass
		1777.5	25	0	4.540	/	Pass
	16QAM	1712.5	25	0	4.540	/	Pass
		1745	25	0	4.549	/	Pass
		1777.5	25	0	4.549	/	Pass
	64QAM	1712.5	25	0	4.540	/	Pass
		1745	25	0	4.554	/	Pass
		1777.5	25	0	4.544	/	Pass
10	QPSK	1715	50	0	9.055	/	Pass
		1745	50	0	9.032	/	Pass
		1775	50	0	9.052	/	Pass
	16QAM	1715	50	0	9.046	/	Pass
		1745	50	0	9.055	/	Pass
		1775	50	0	9.065	/	Pass
	64QAM	1715	50	0	9.023	/	Pass
		1745	50	0	9.025	/	Pass
		1775	50	0	9.040	/	Pass
15	QPSK	1717.5	75	0	13.582	/	Pass
		1745	75	0	13.549	/	Pass
		1772.5	75	0	13.581	/	Pass



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	16QAM	1717.5	75	0	13.610	/	Pass
		1745	75	0	13.581	/	Pass
		1772.5	75	0	13.621	/	Pass
	64QAM	1717.5	75	0	13.565	/	Pass
		1745	75	0	13.579	/	Pass
		1772.5	75	0	13.609	/	Pass
20	QPSK	1720	100	0	18.074	/	Pass
		1745	100	0	18.042	/	Pass
		1770	100	0	18.106	/	Pass
	16QAM	1720	100	0	18.225	/	Pass
		1745	100	0	18.068	/	Pass
		1770	100	0	18.089	/	Pass
	64QAM	1720	100	0	18.042	/	Pass
		1745	100	0	18.101	/	Pass
		1770	100	0	18.104	/	Pass



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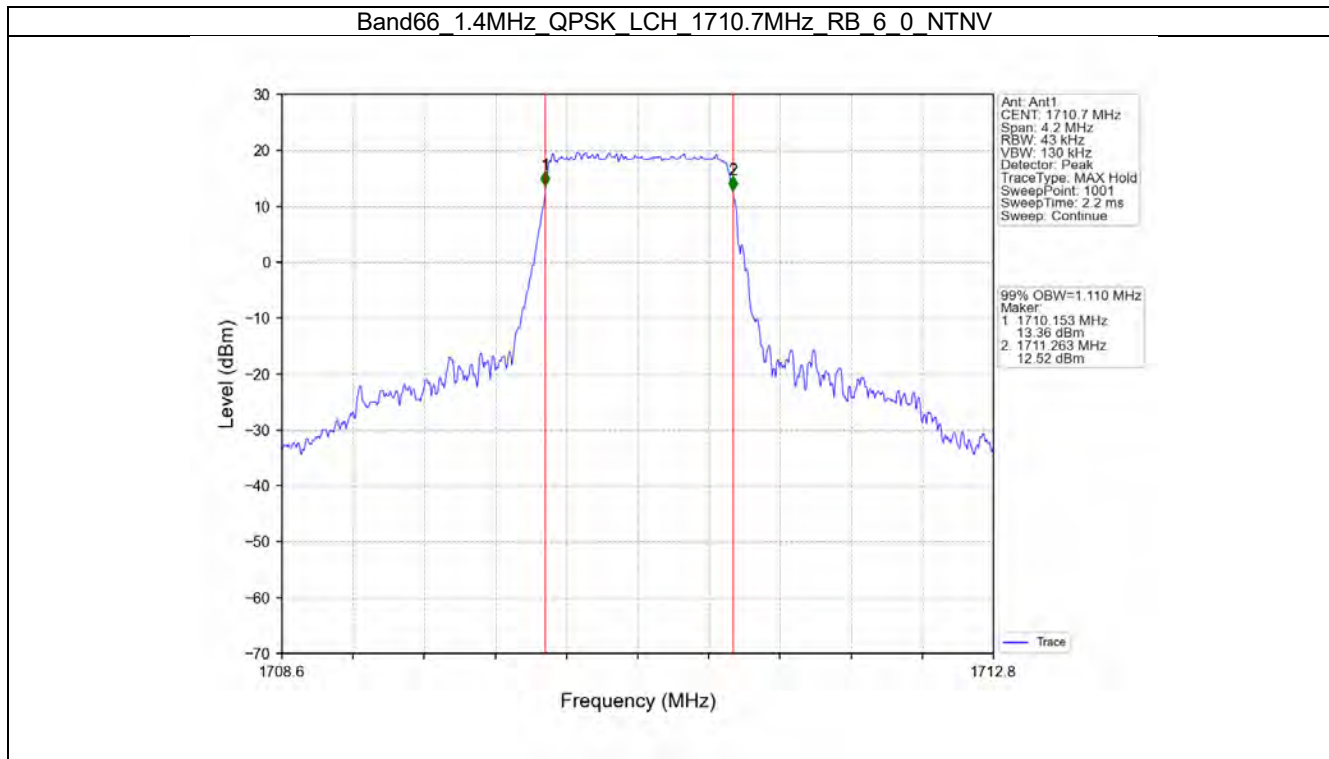
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3.1.2 Test Graph



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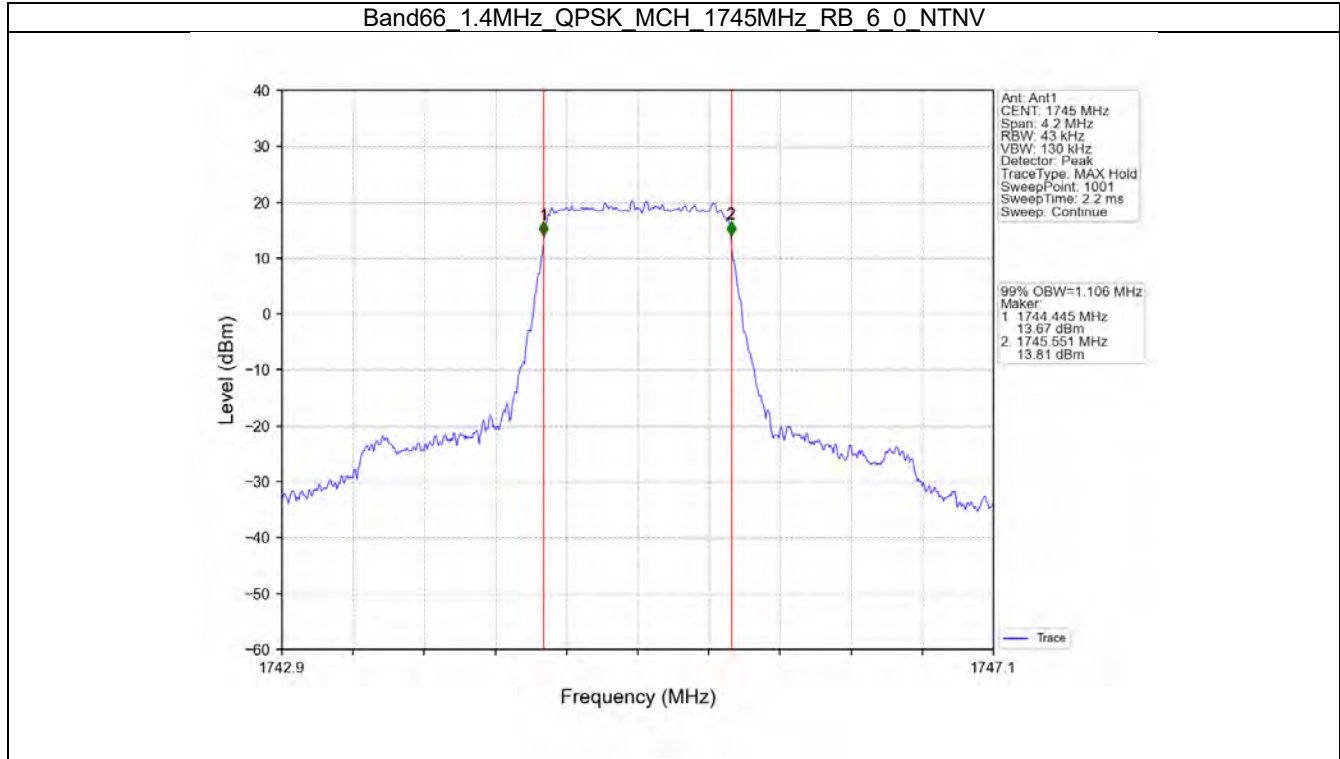
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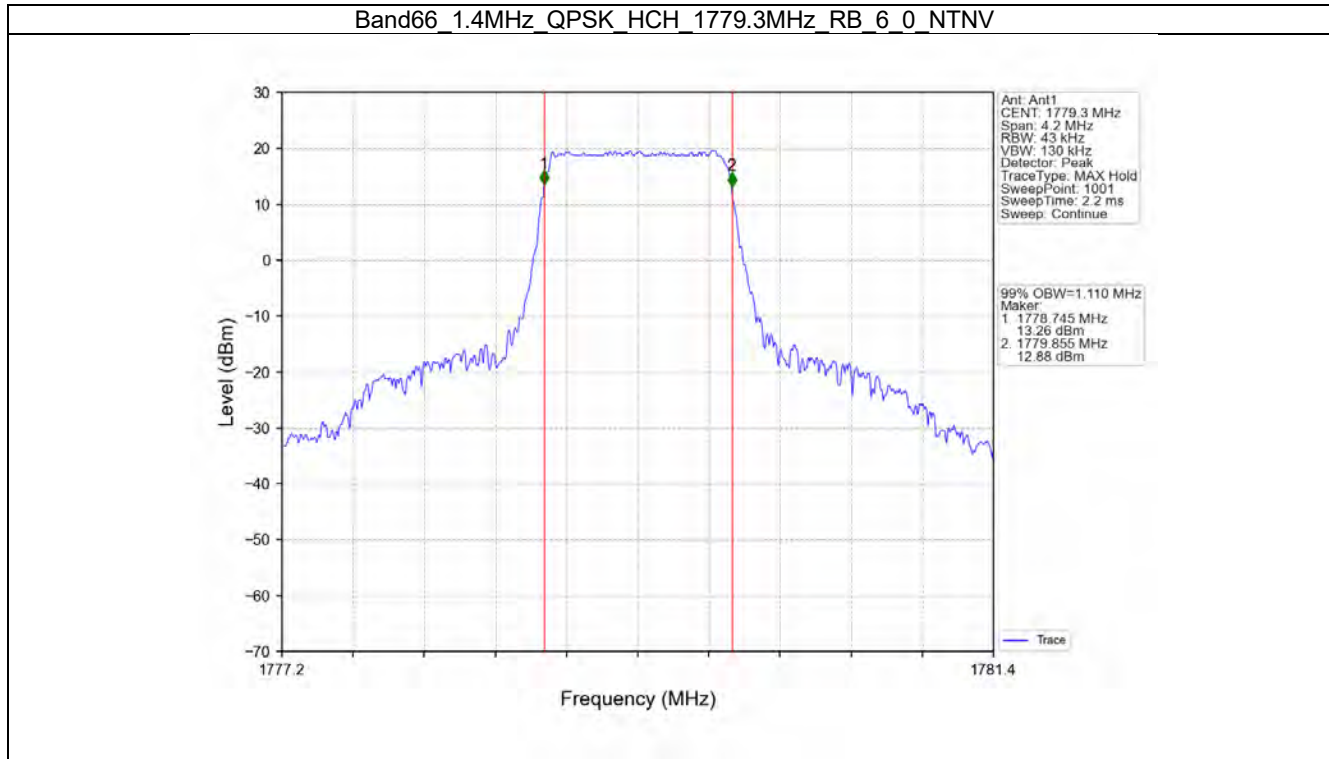


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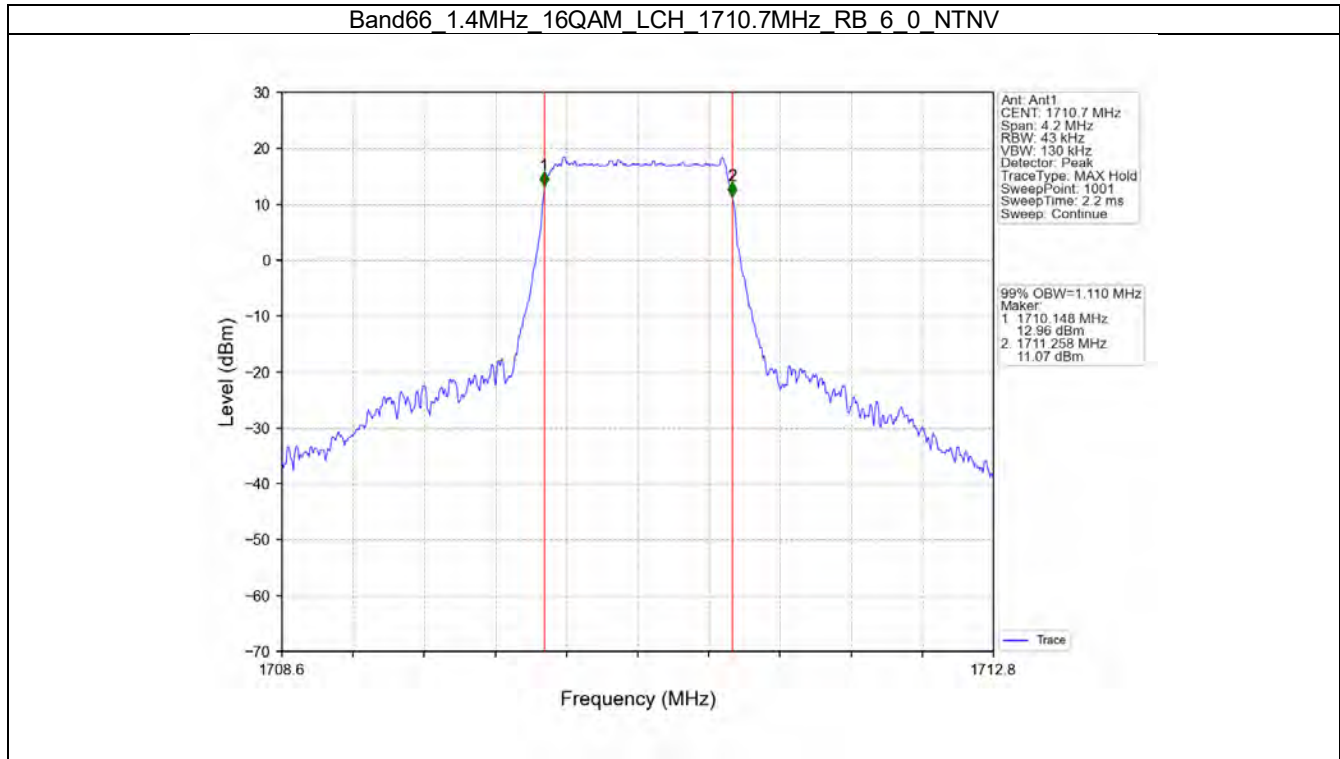


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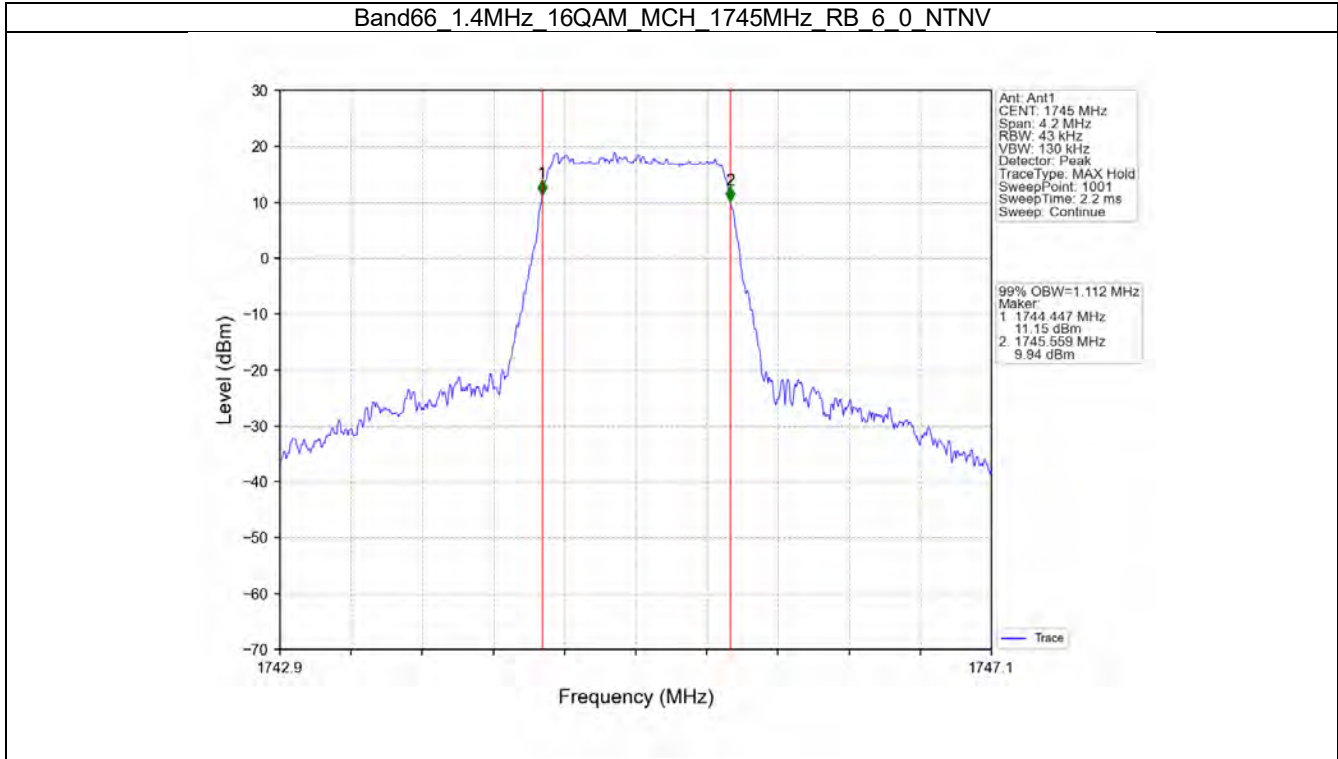
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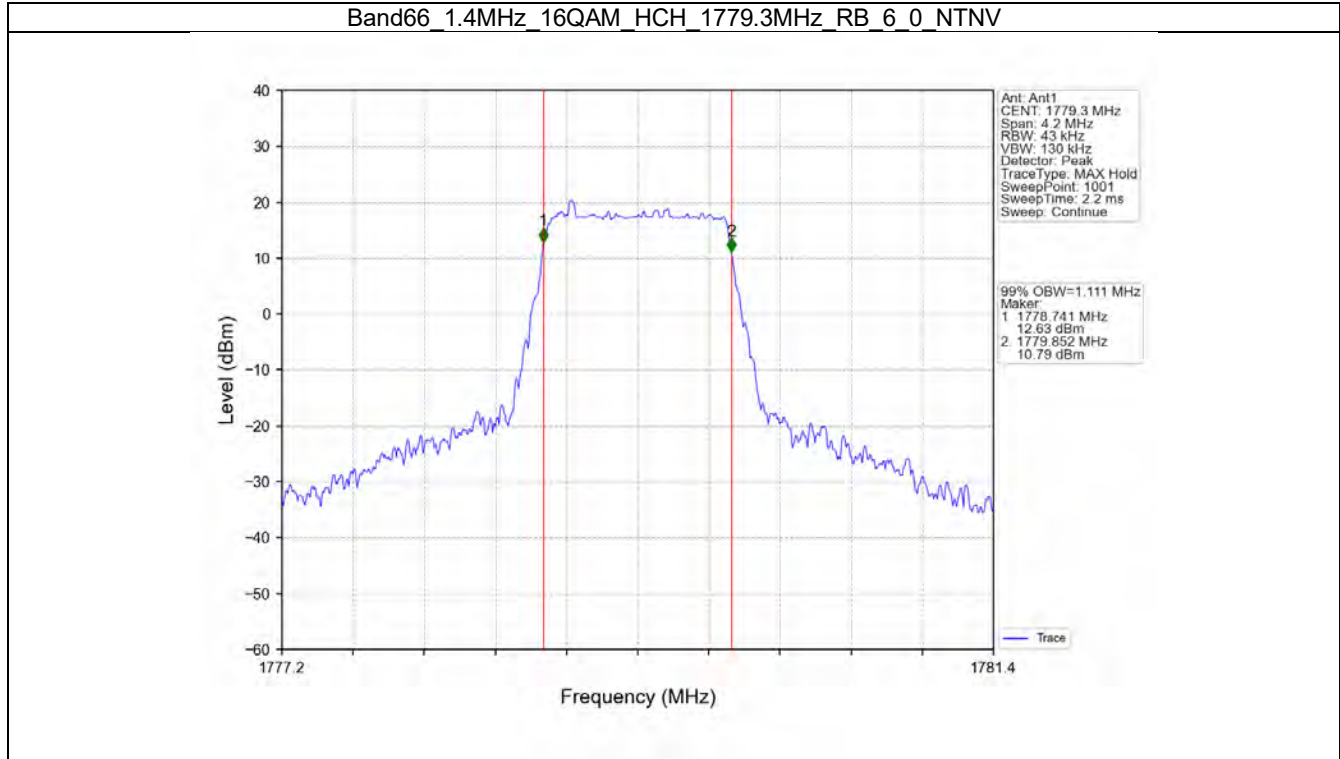
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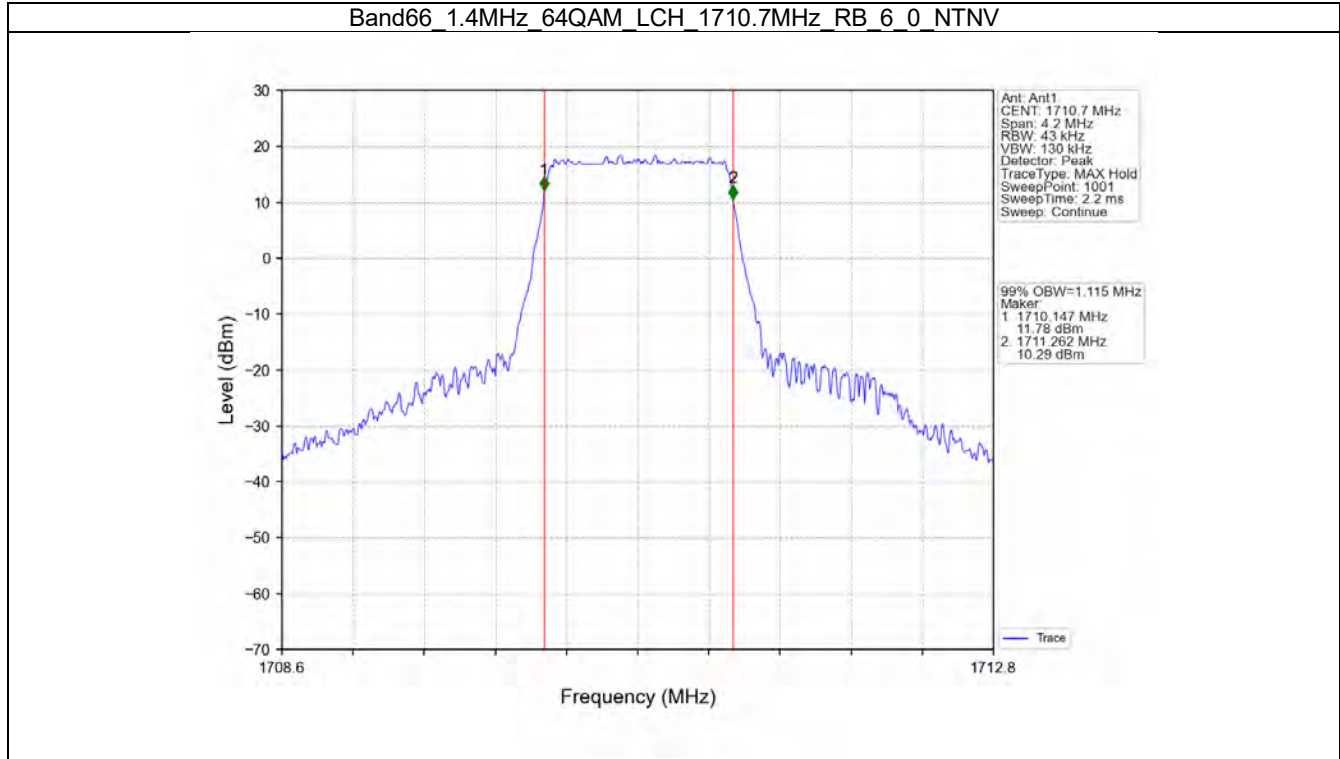
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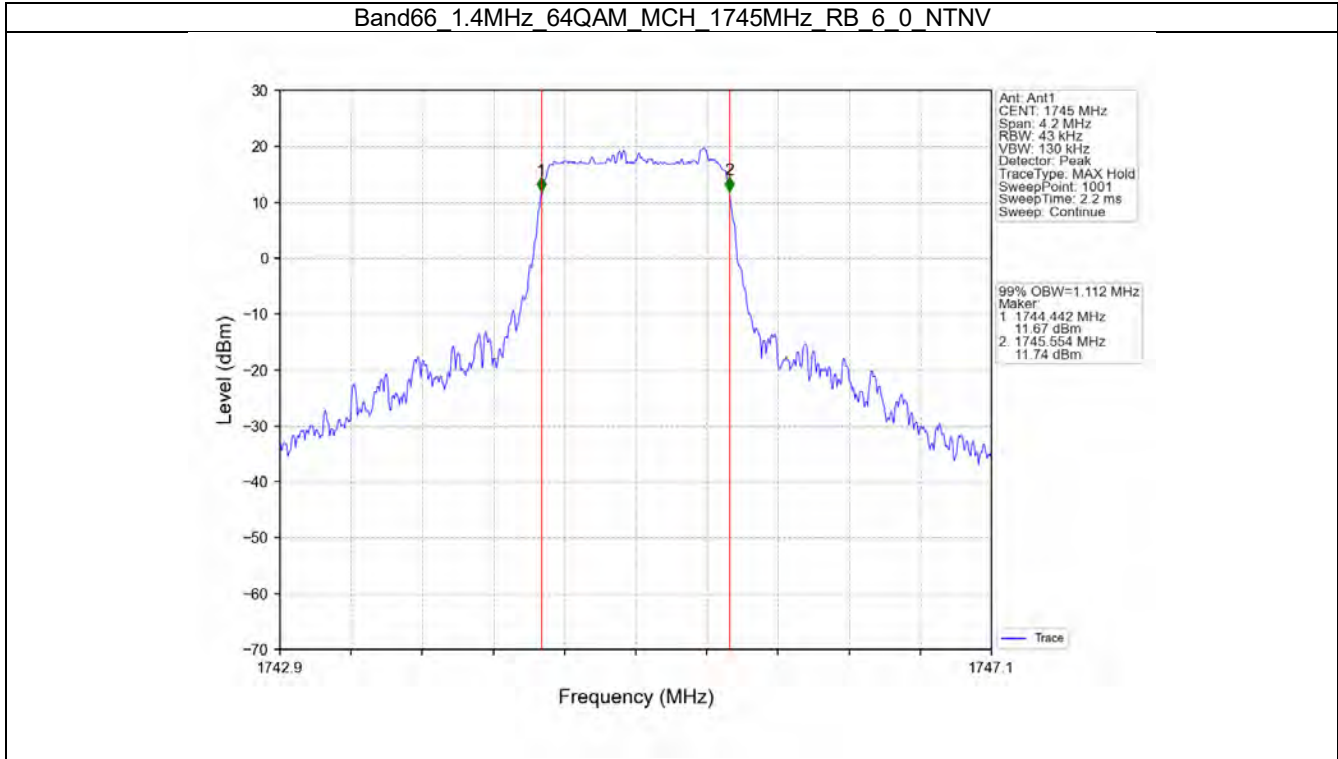
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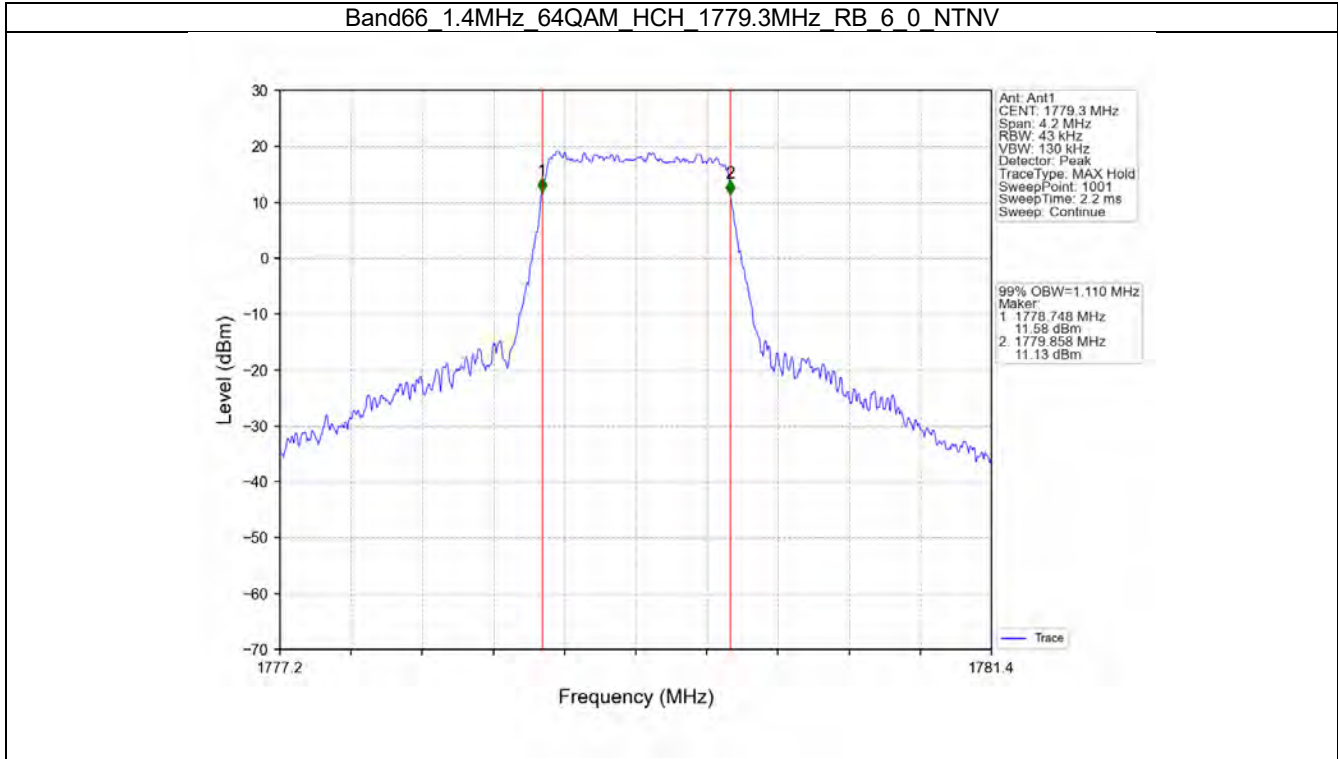
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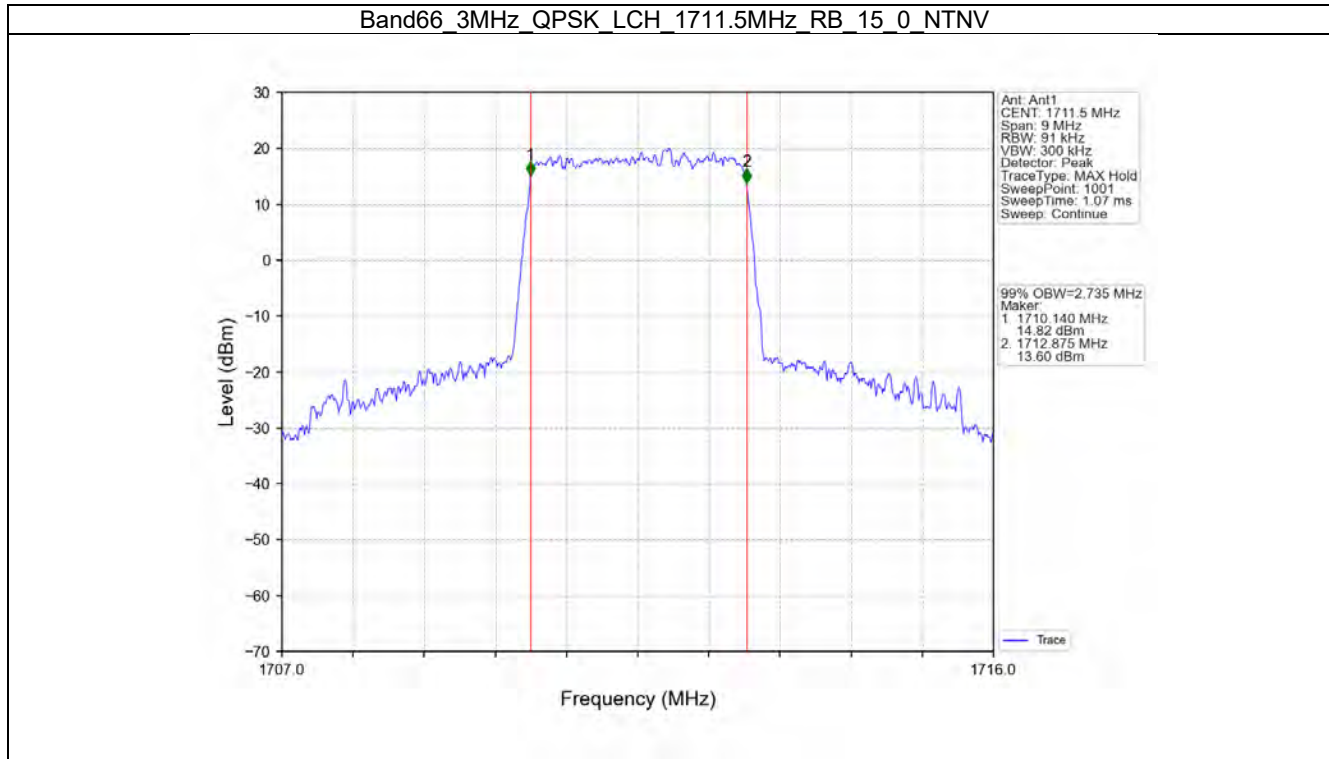


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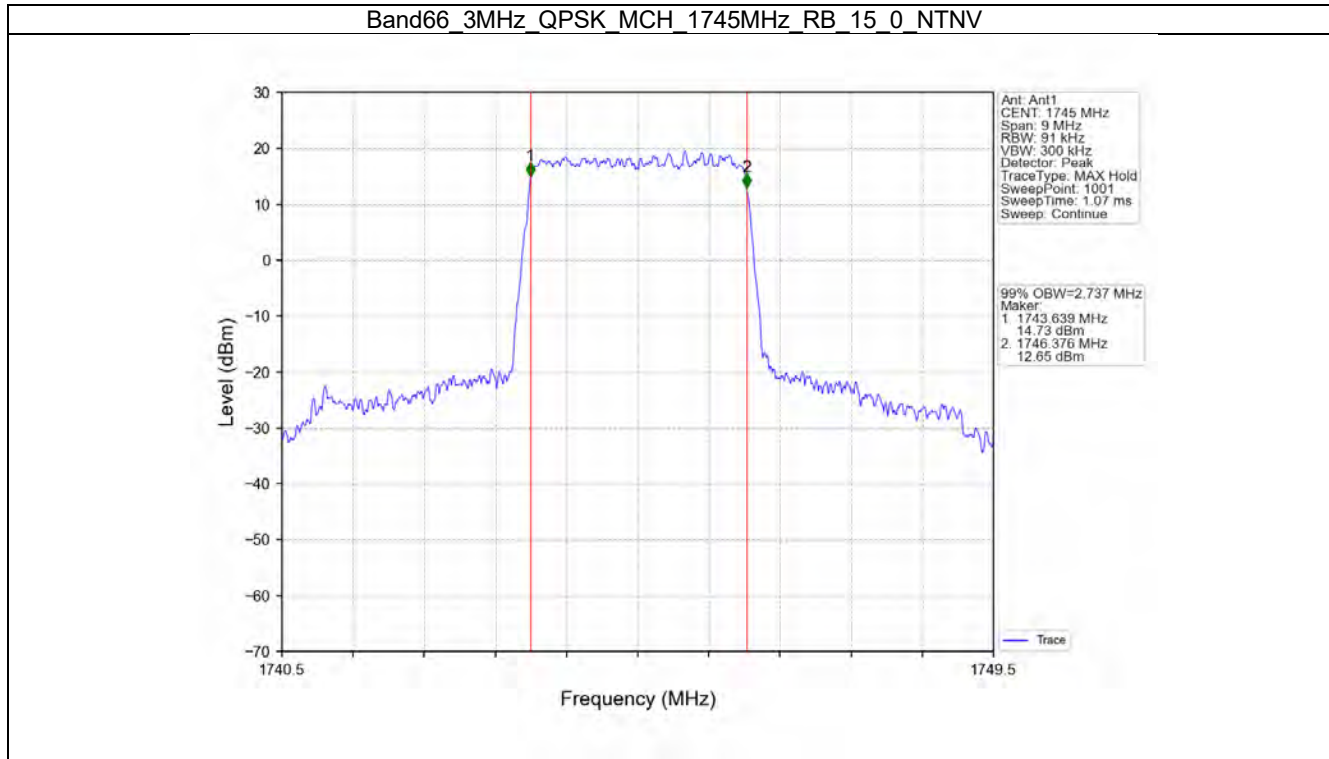


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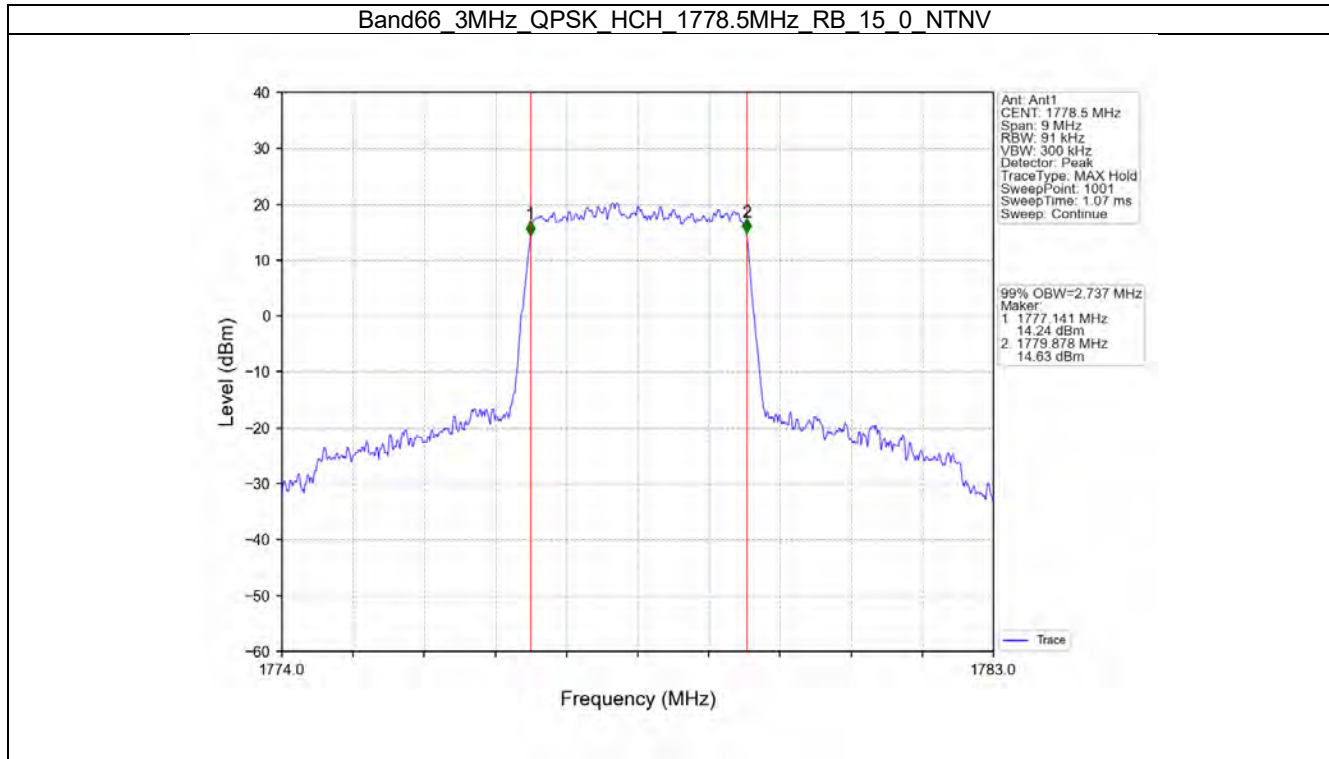


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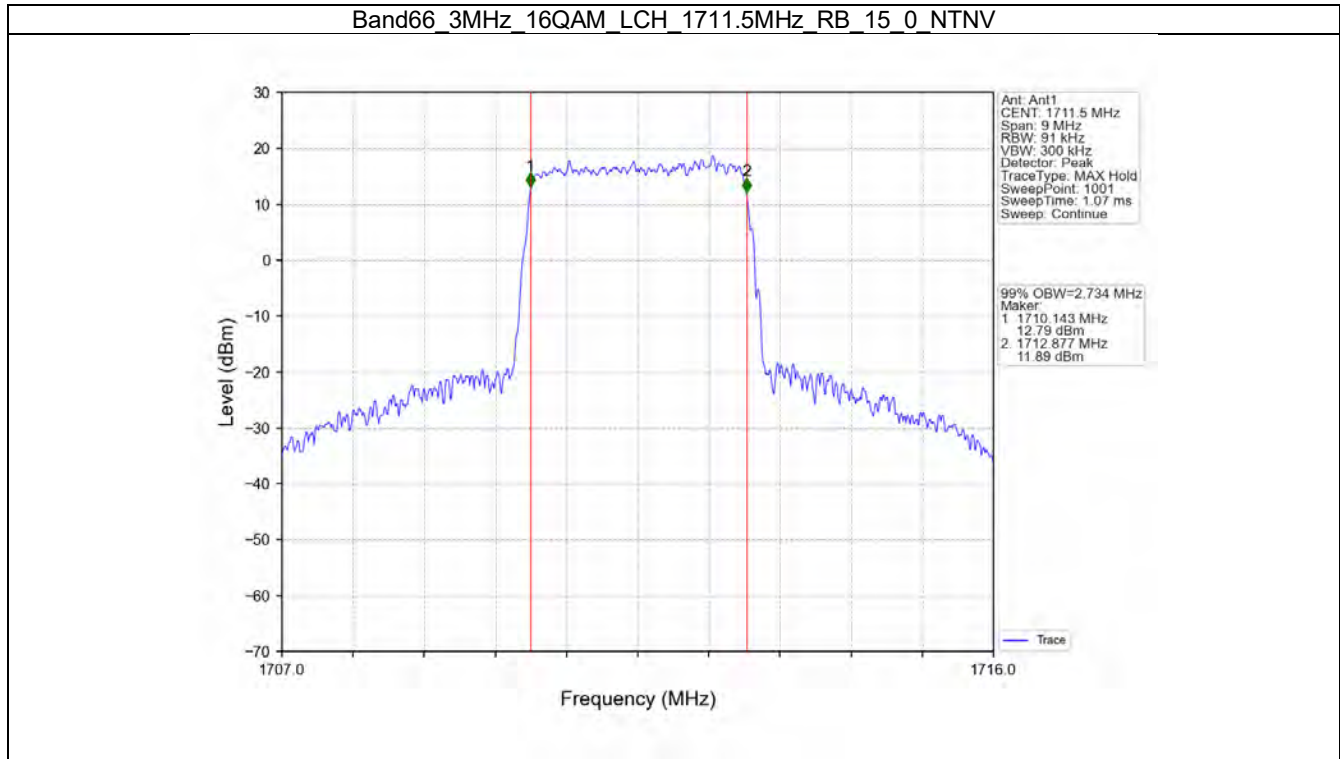
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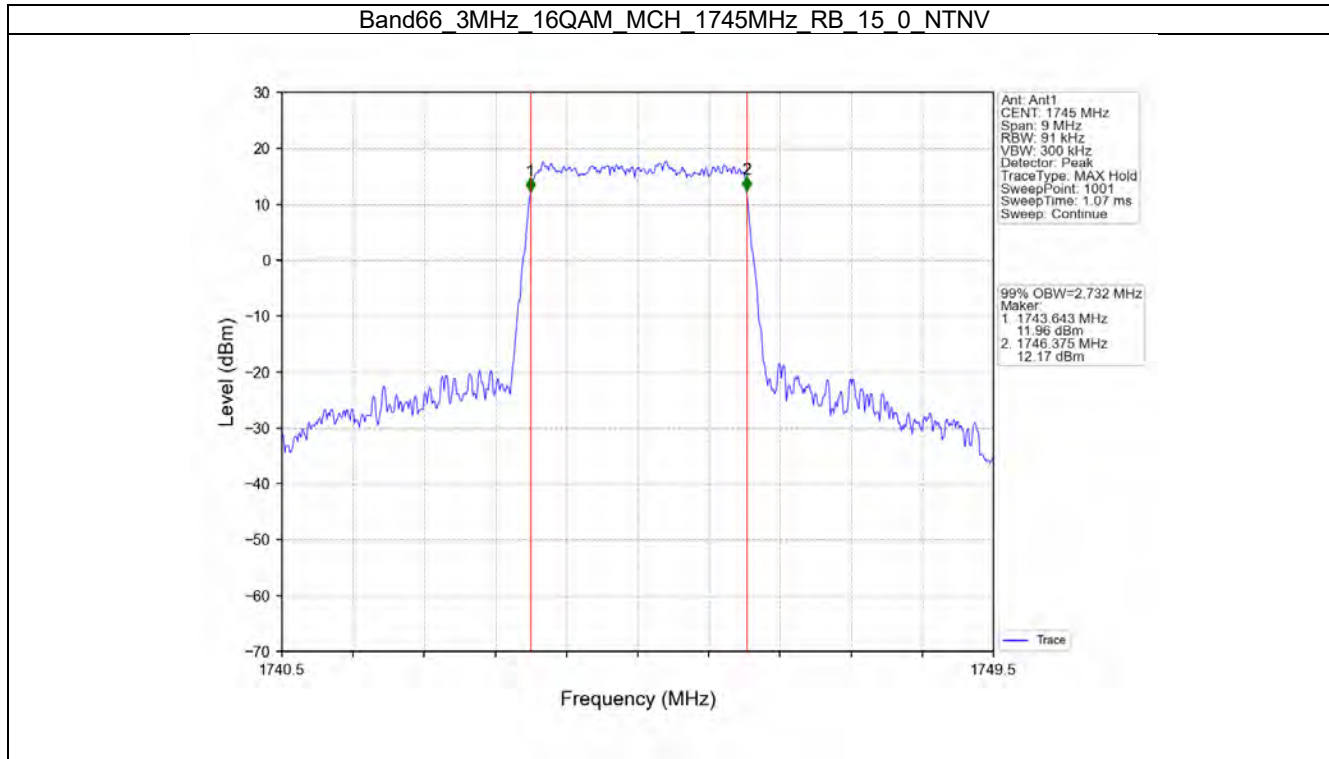


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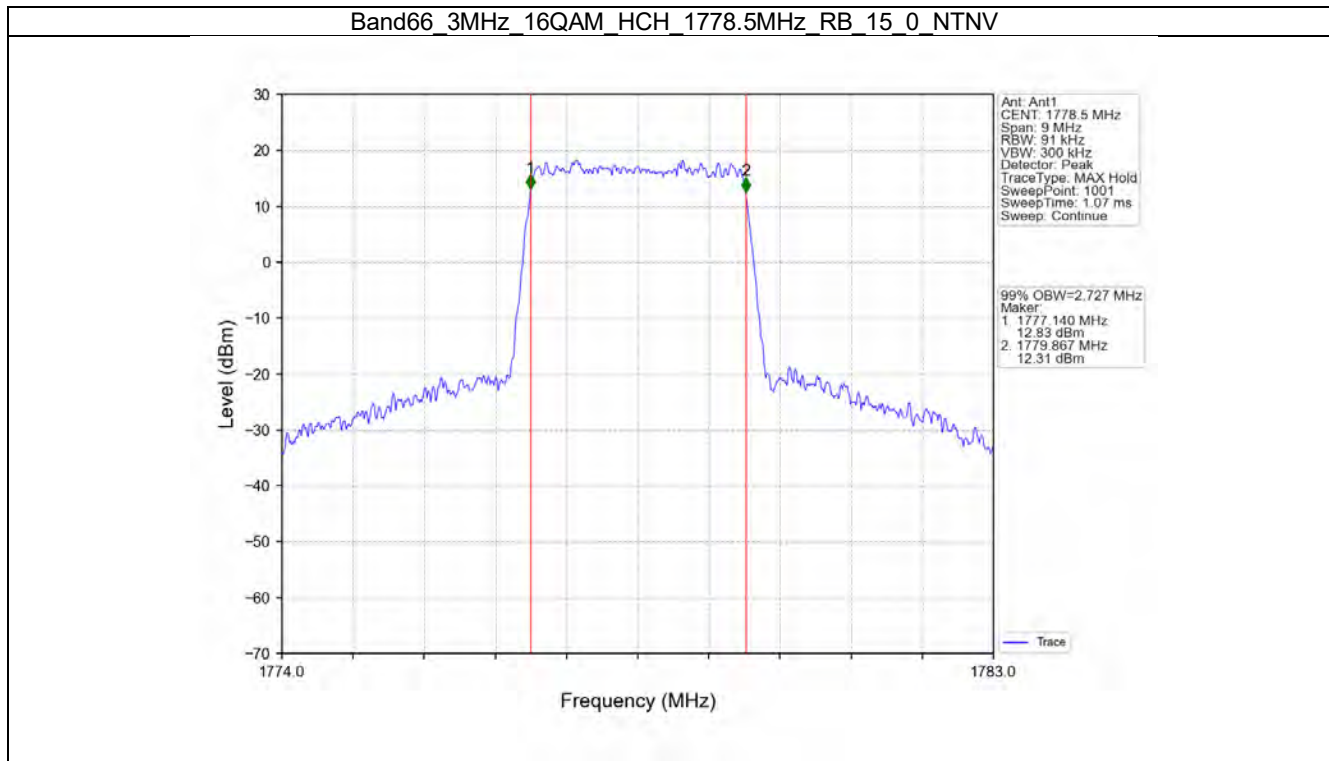


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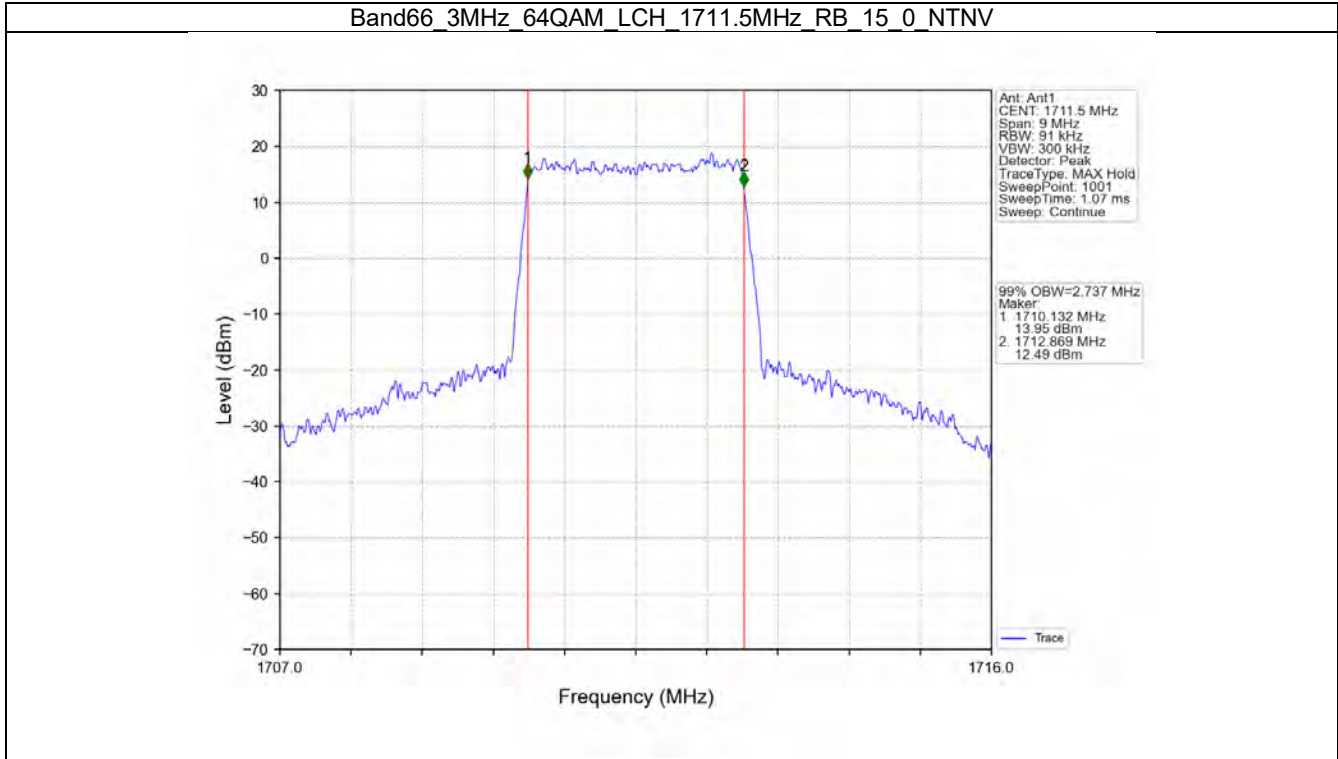
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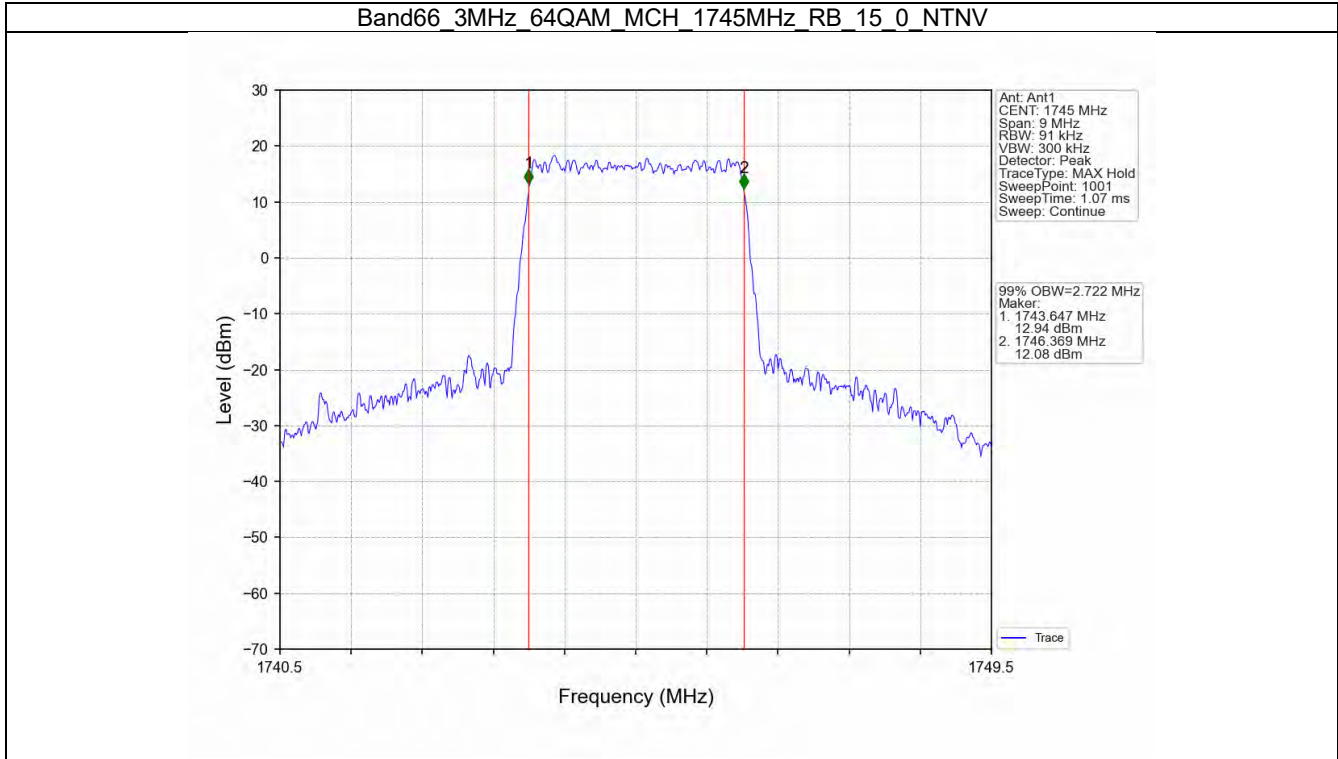
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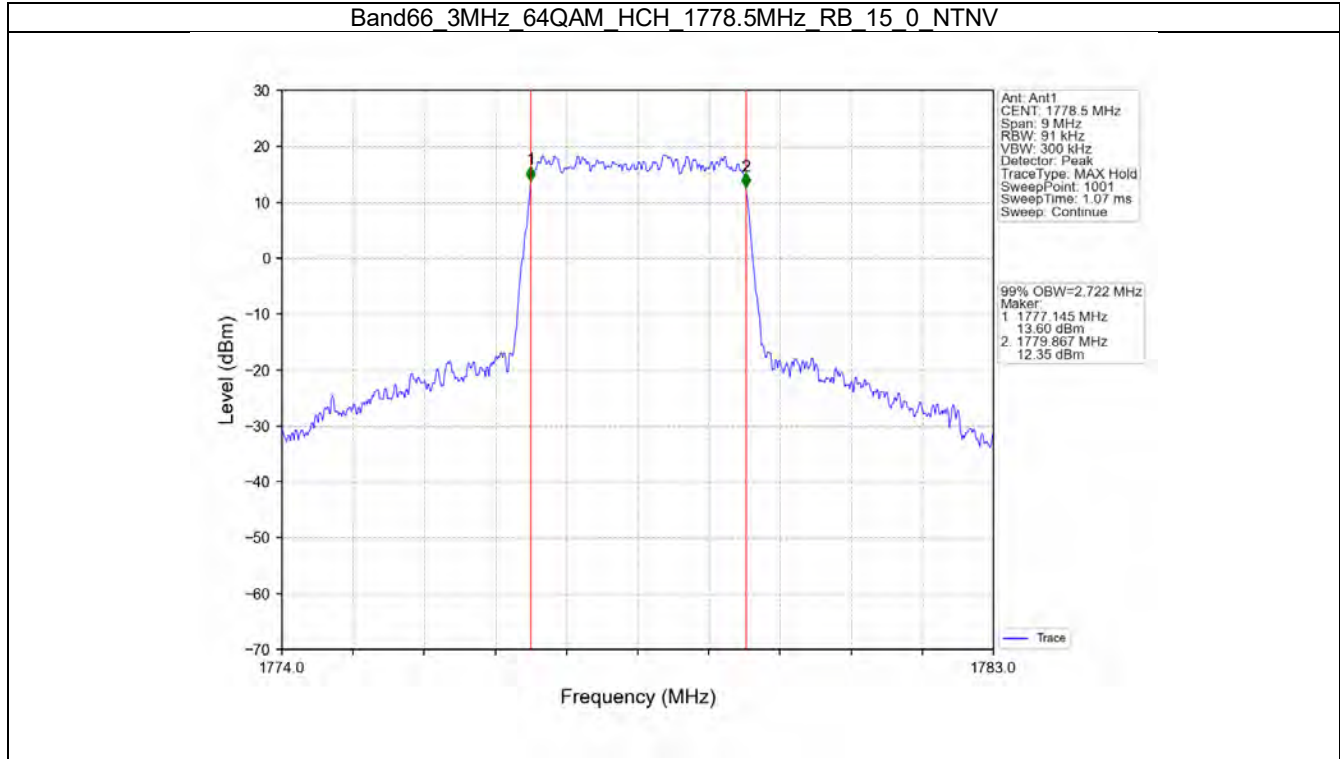
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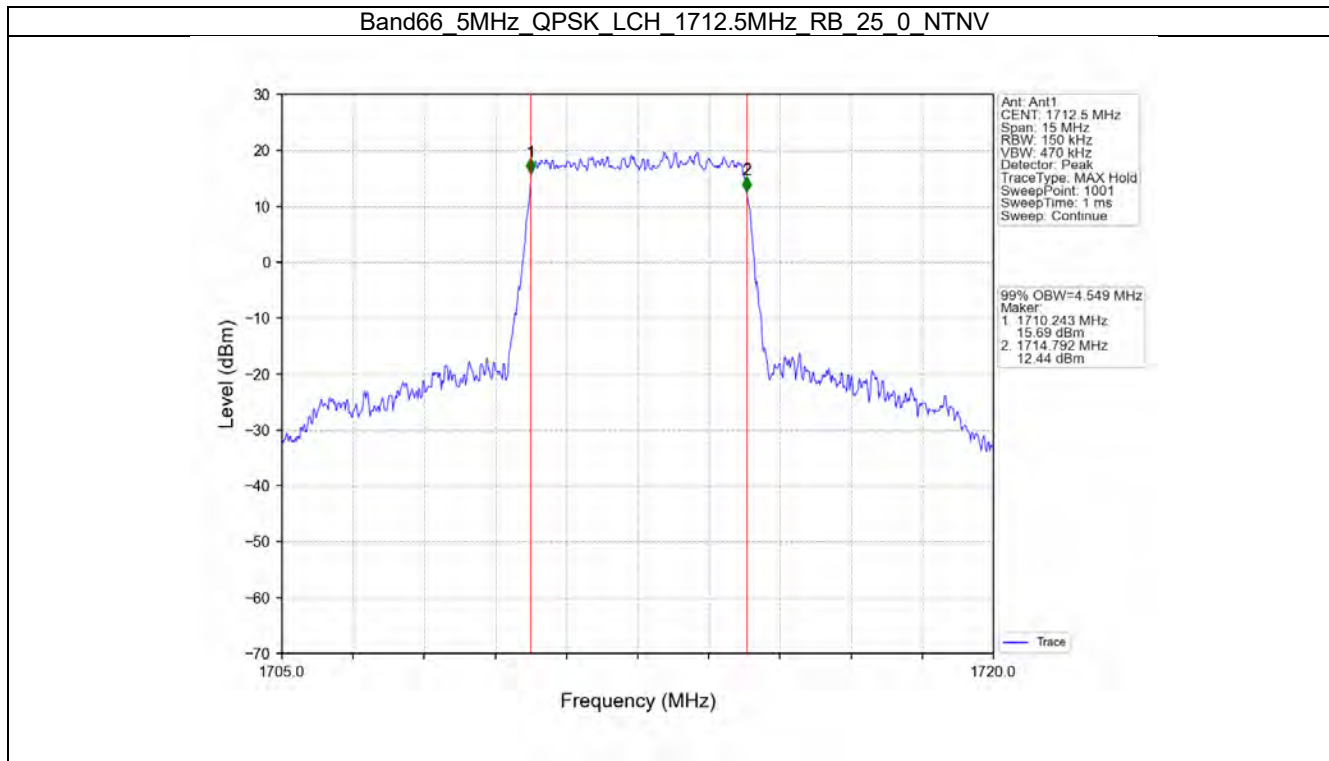


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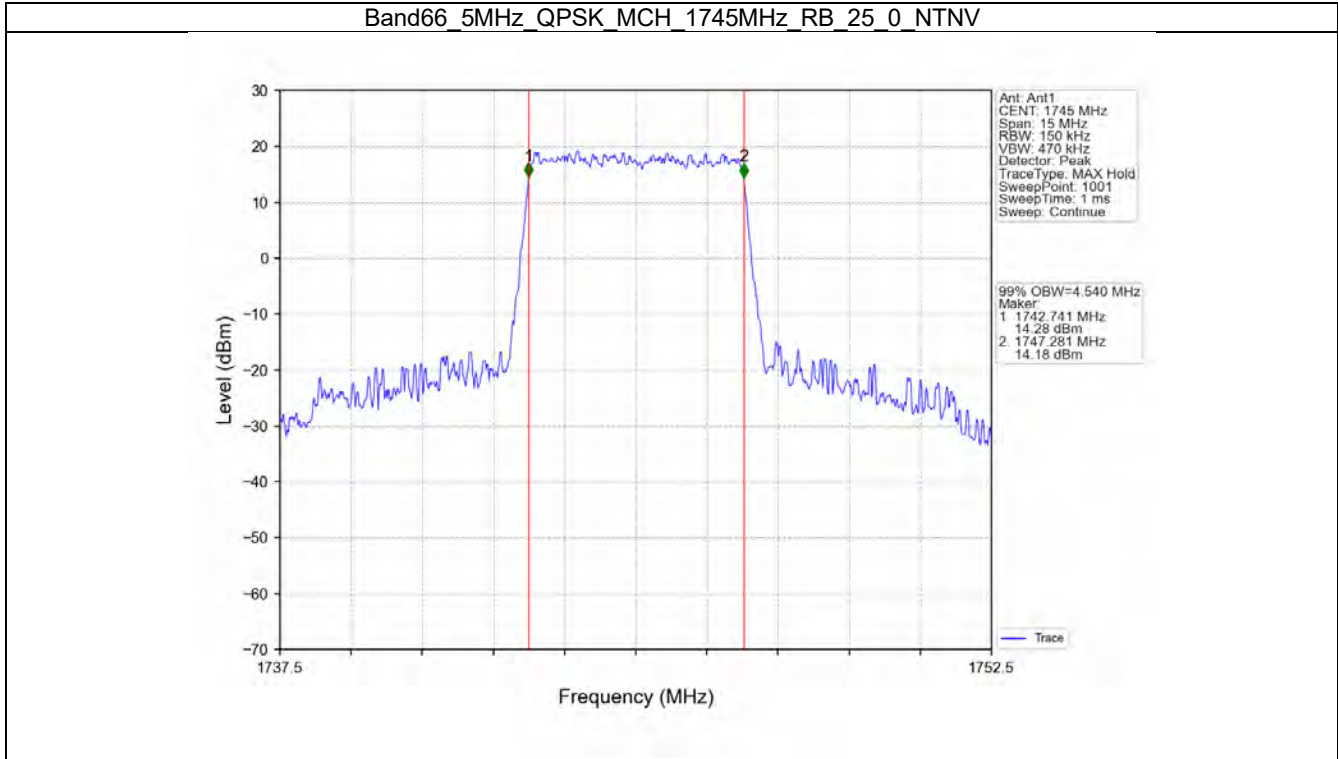
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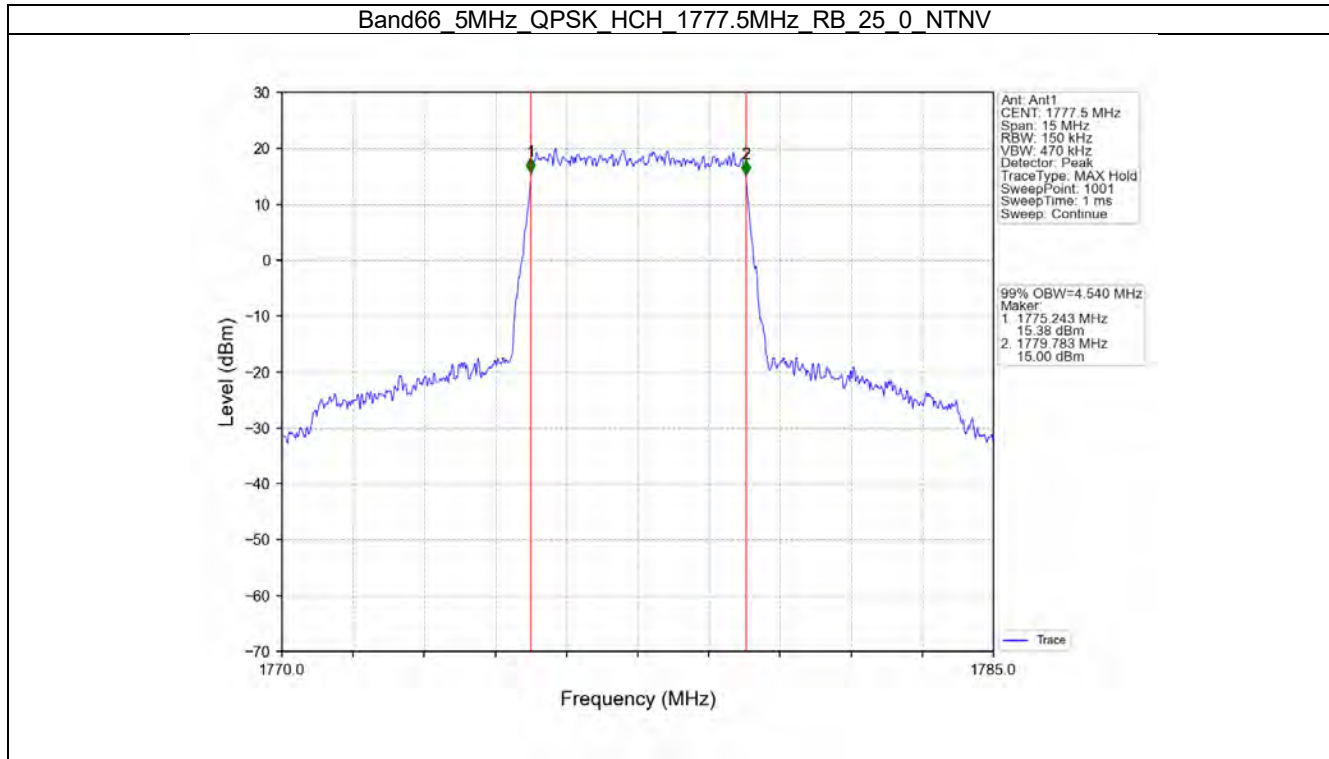


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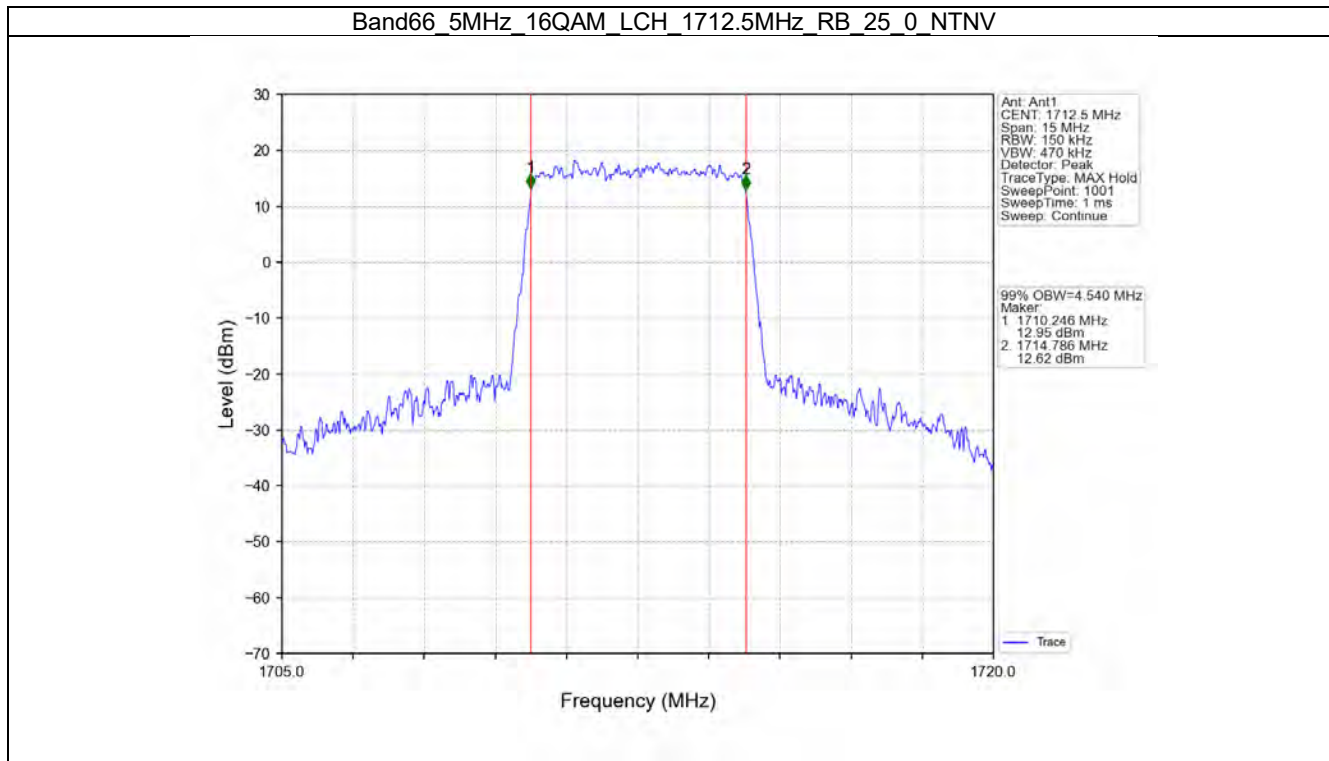


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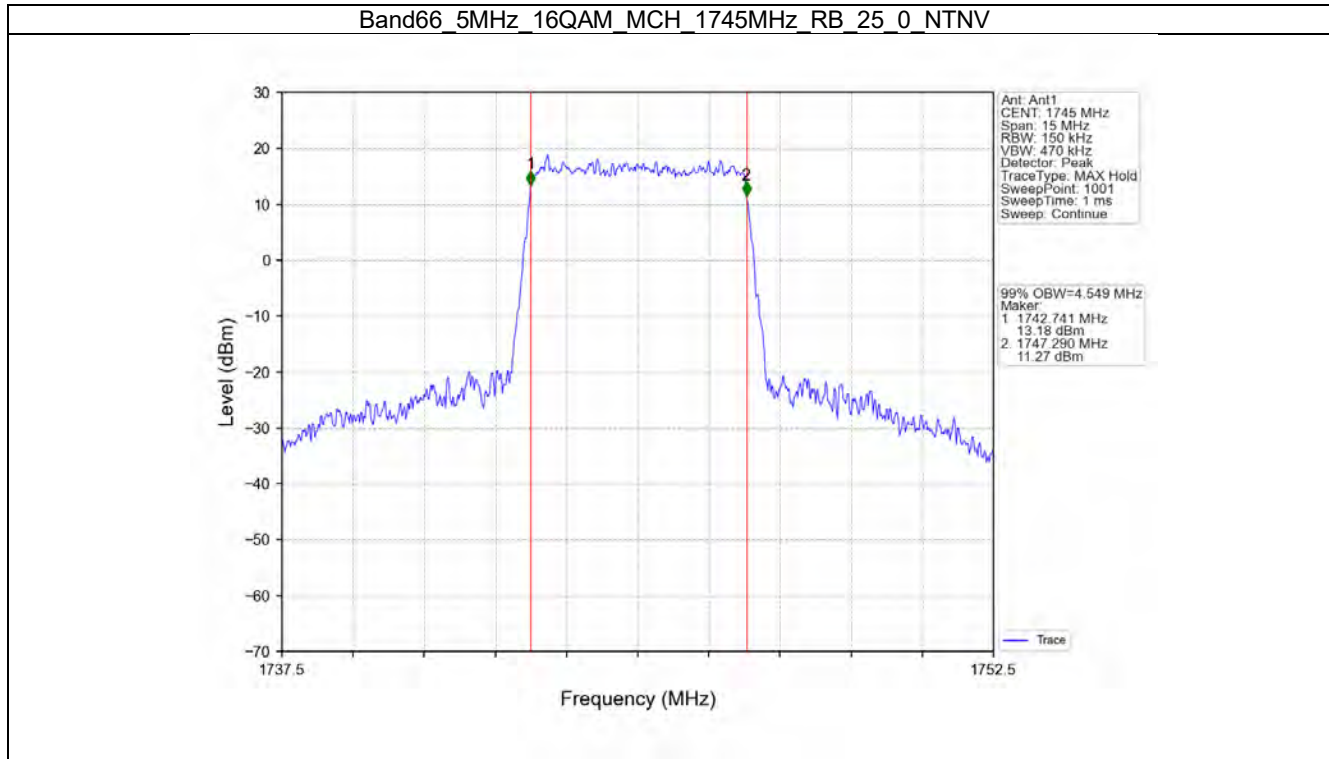


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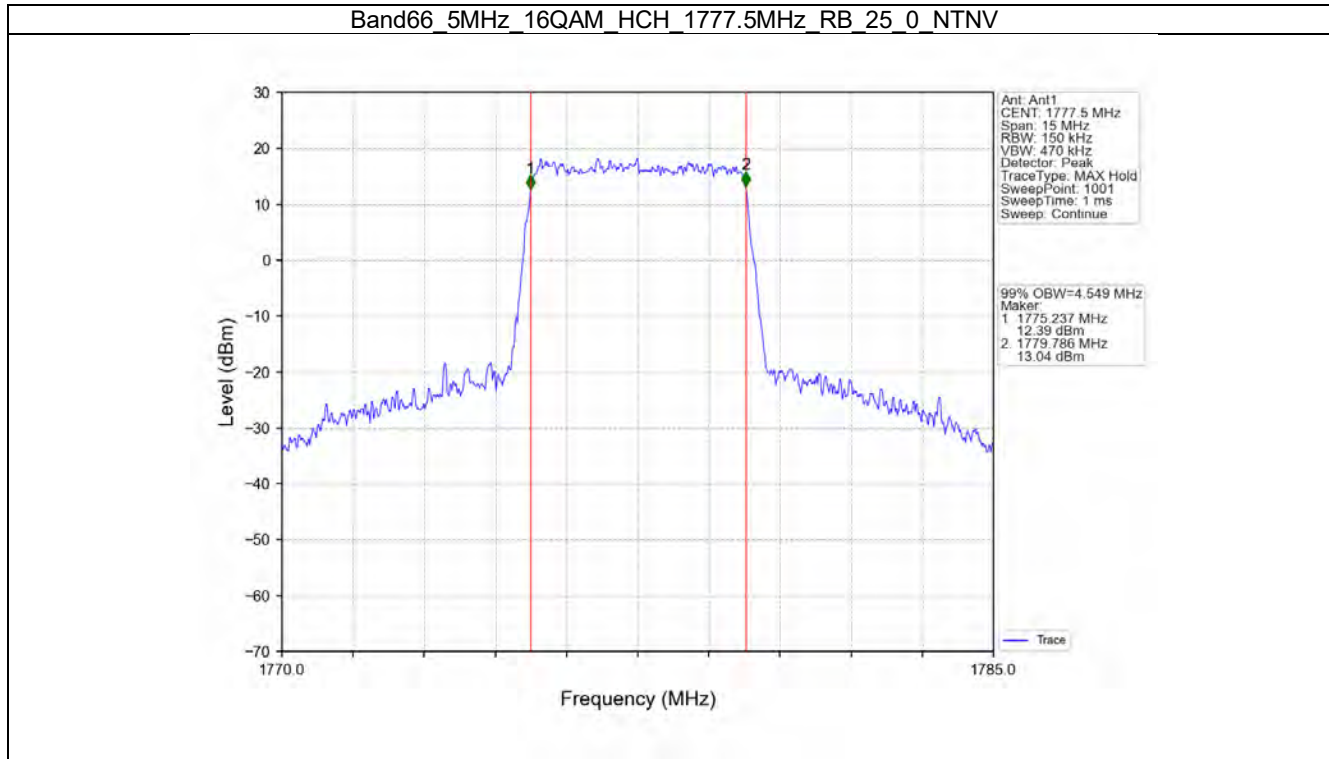


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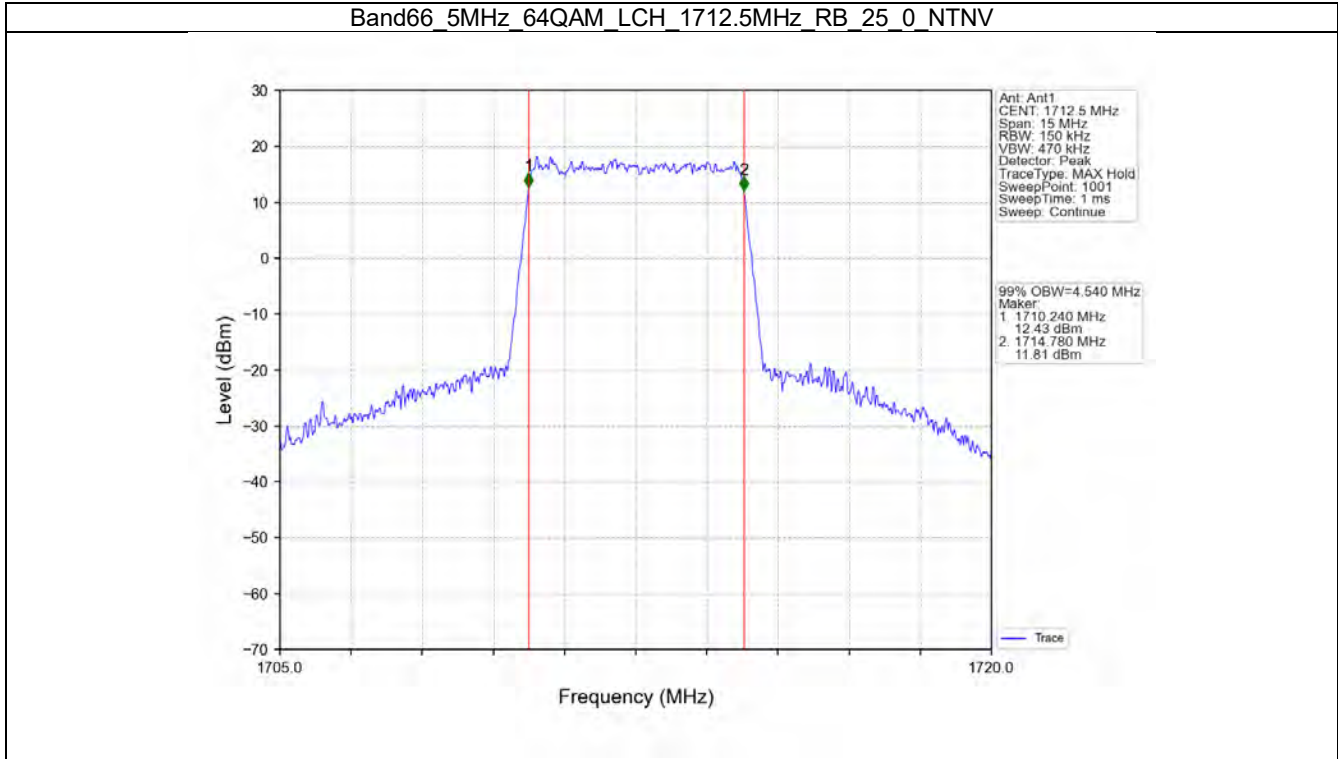
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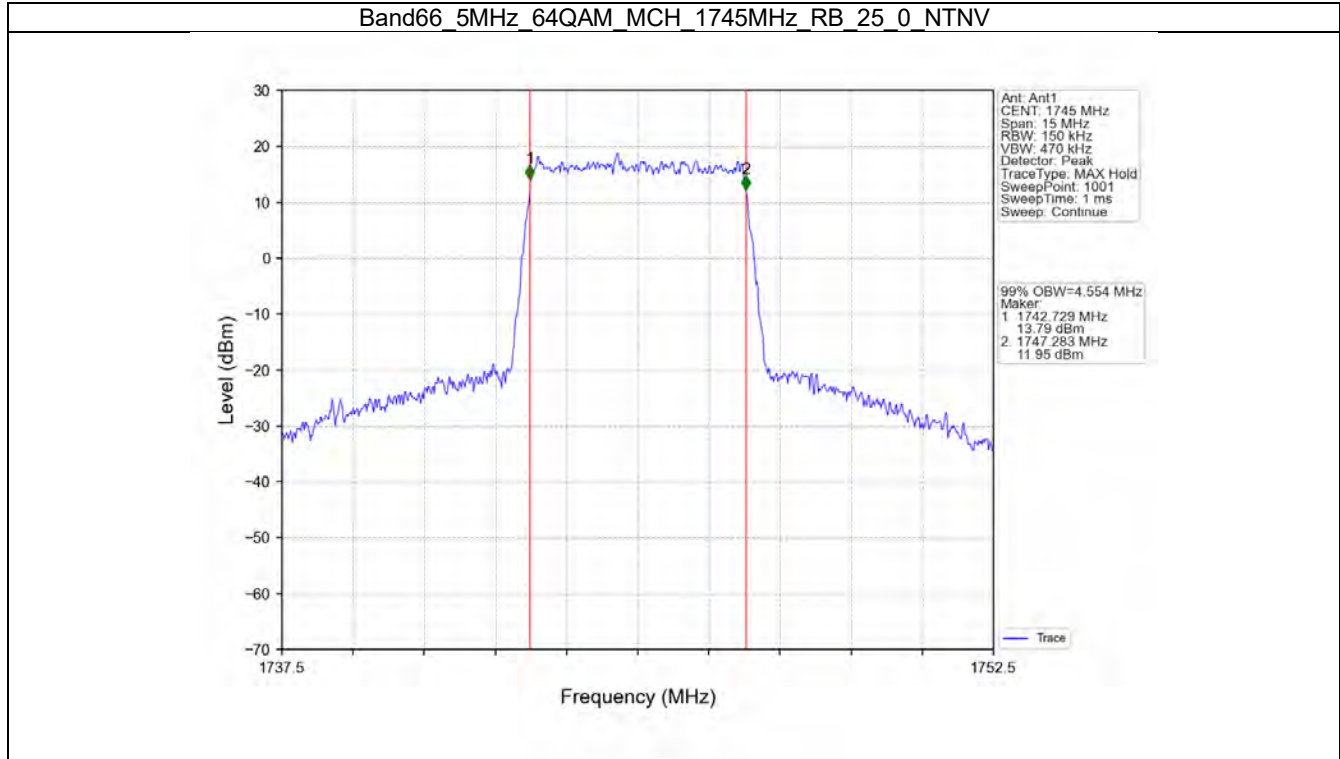
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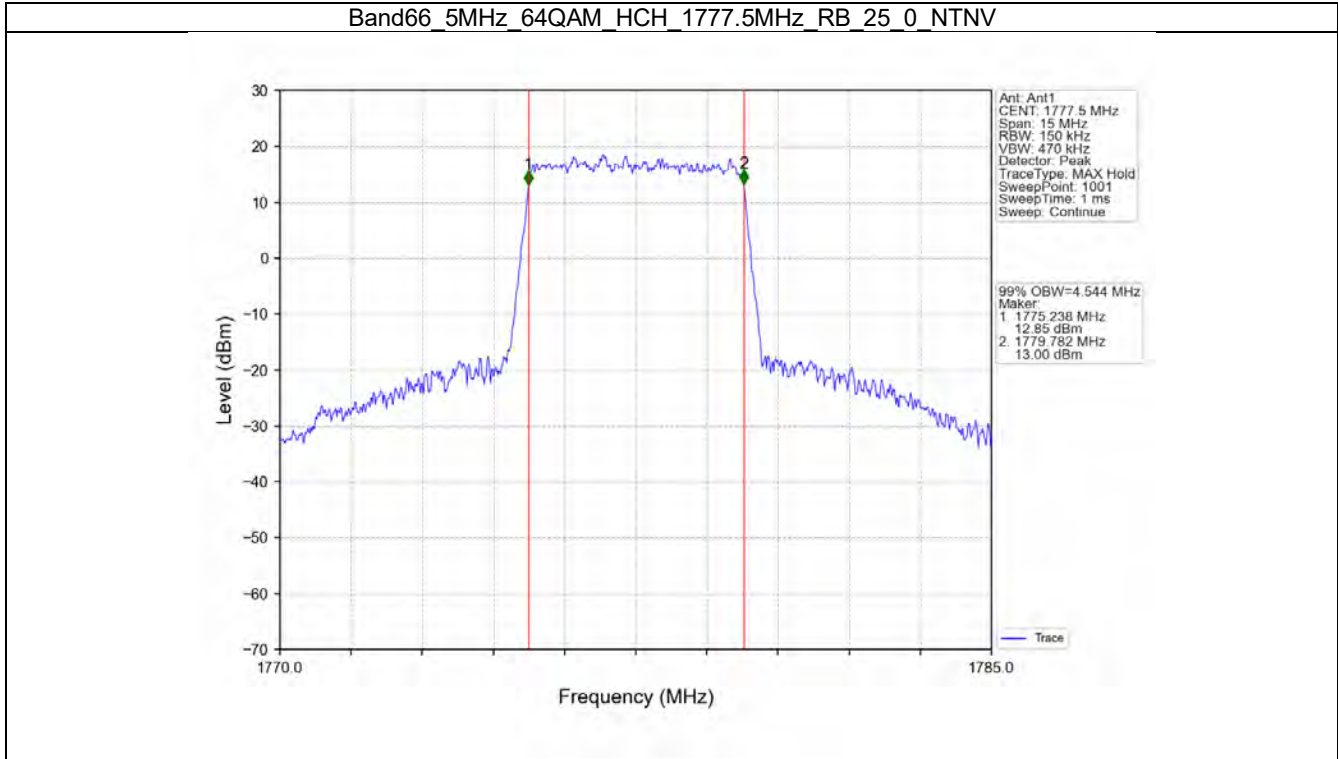
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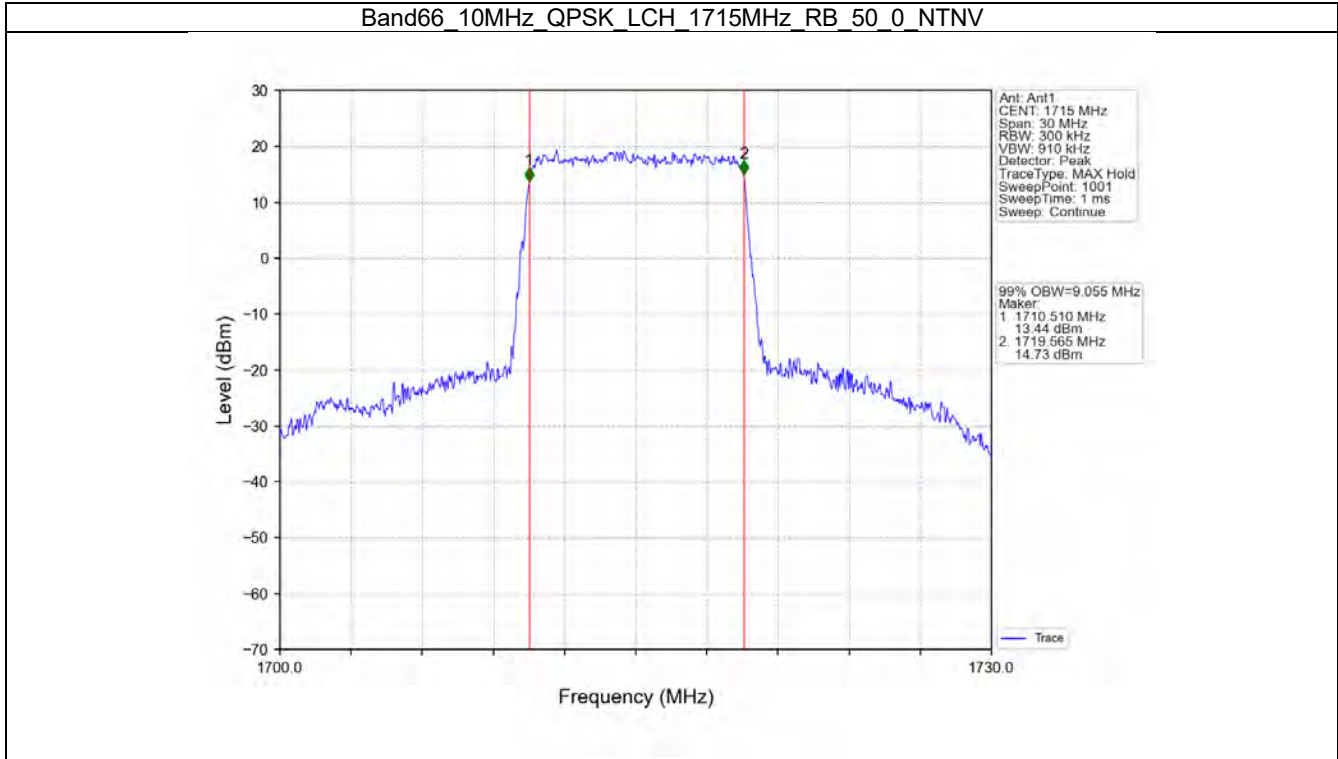
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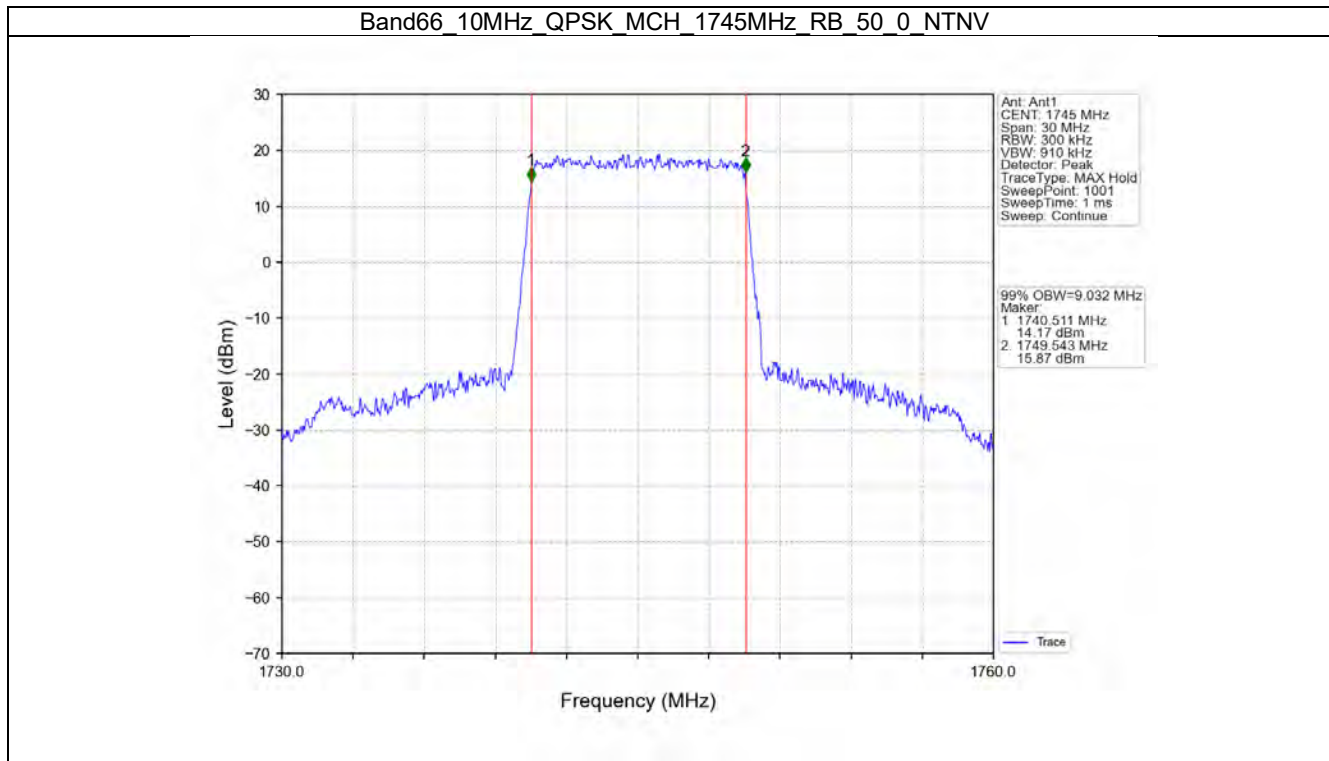


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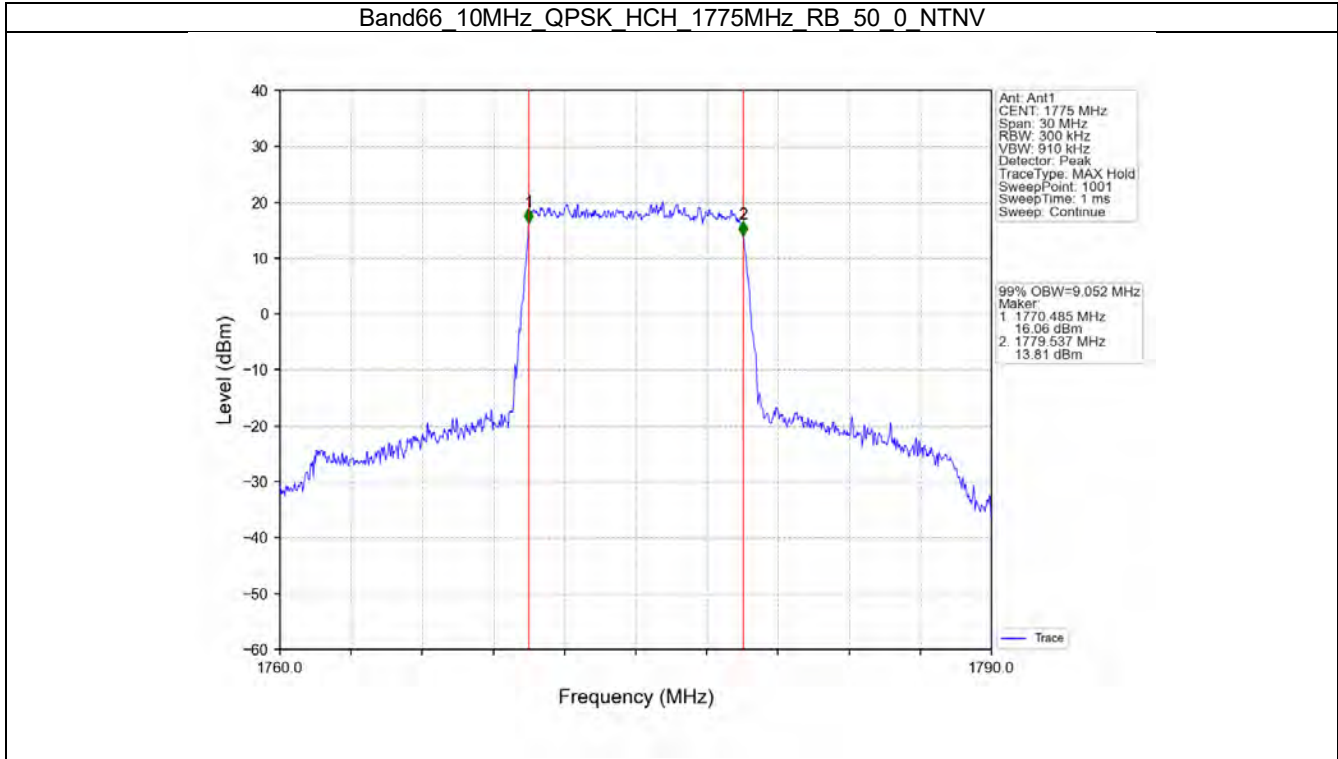
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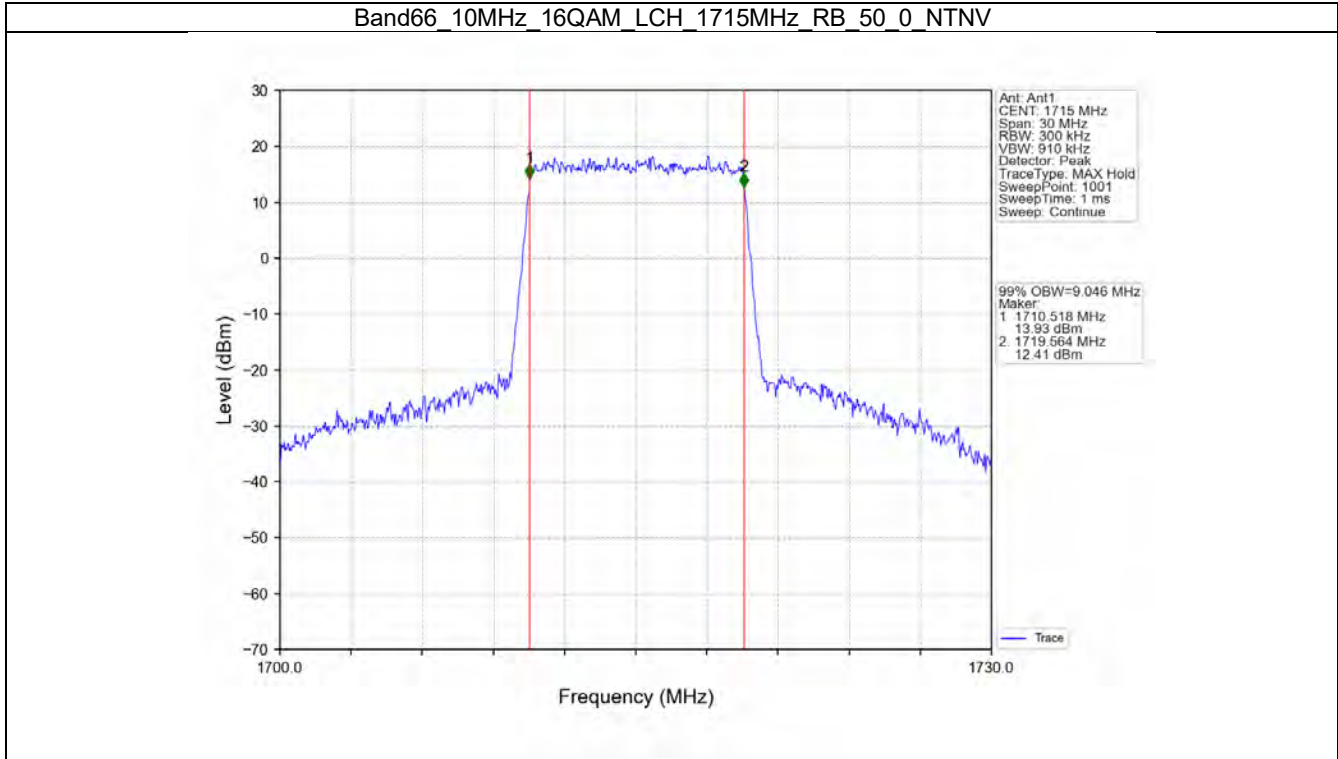
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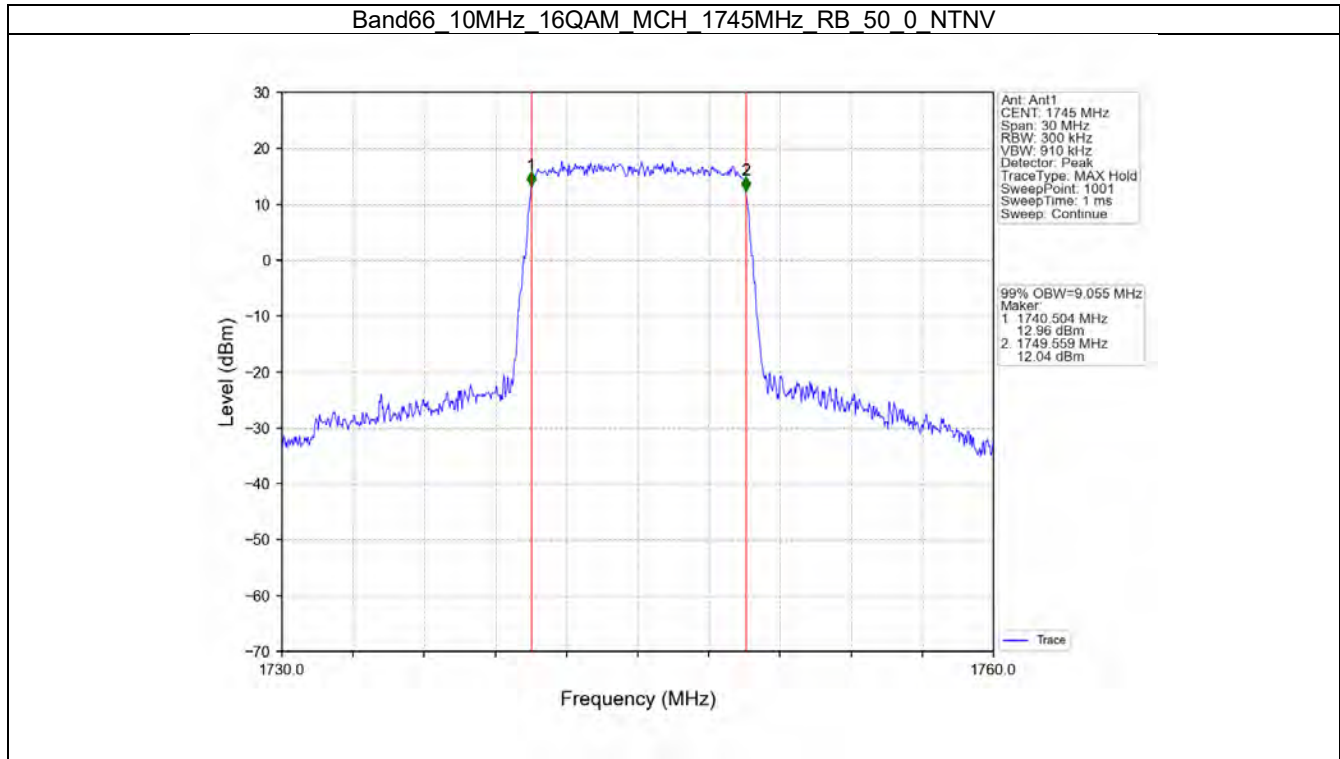


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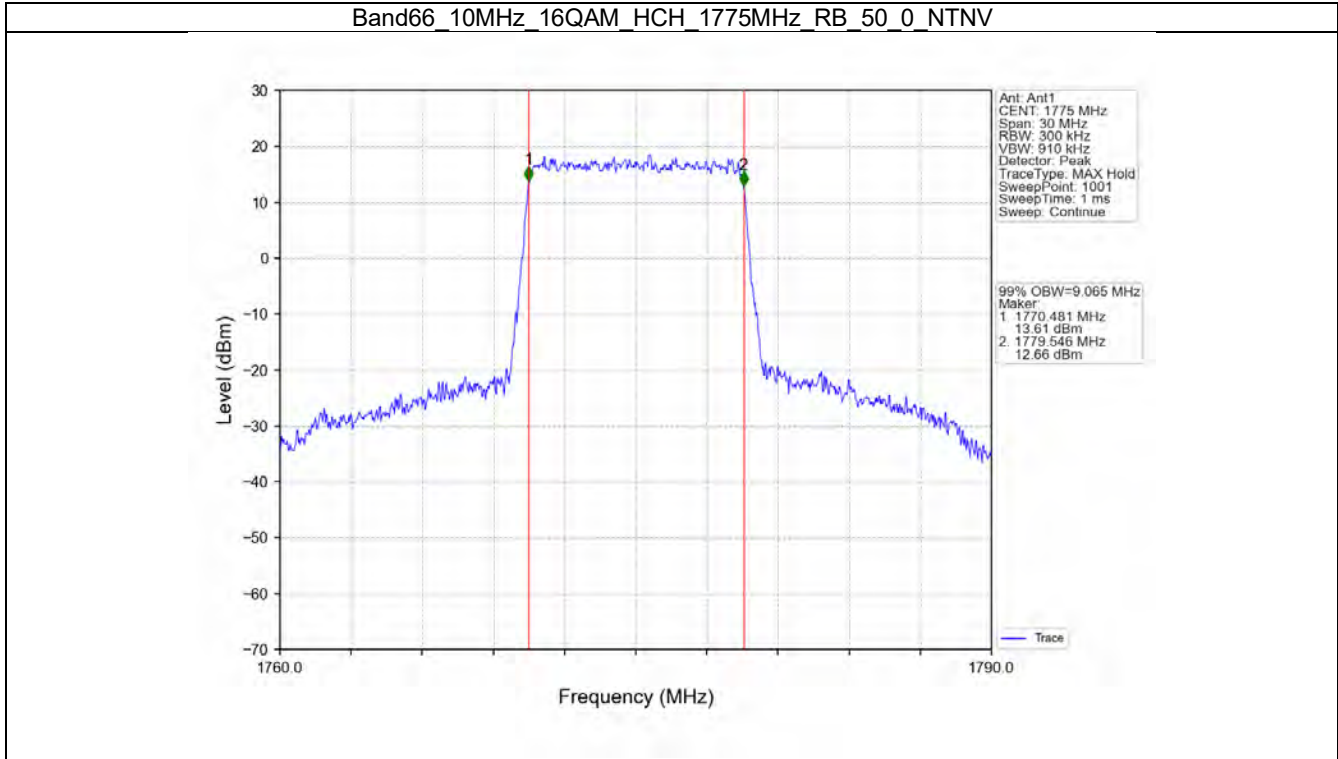
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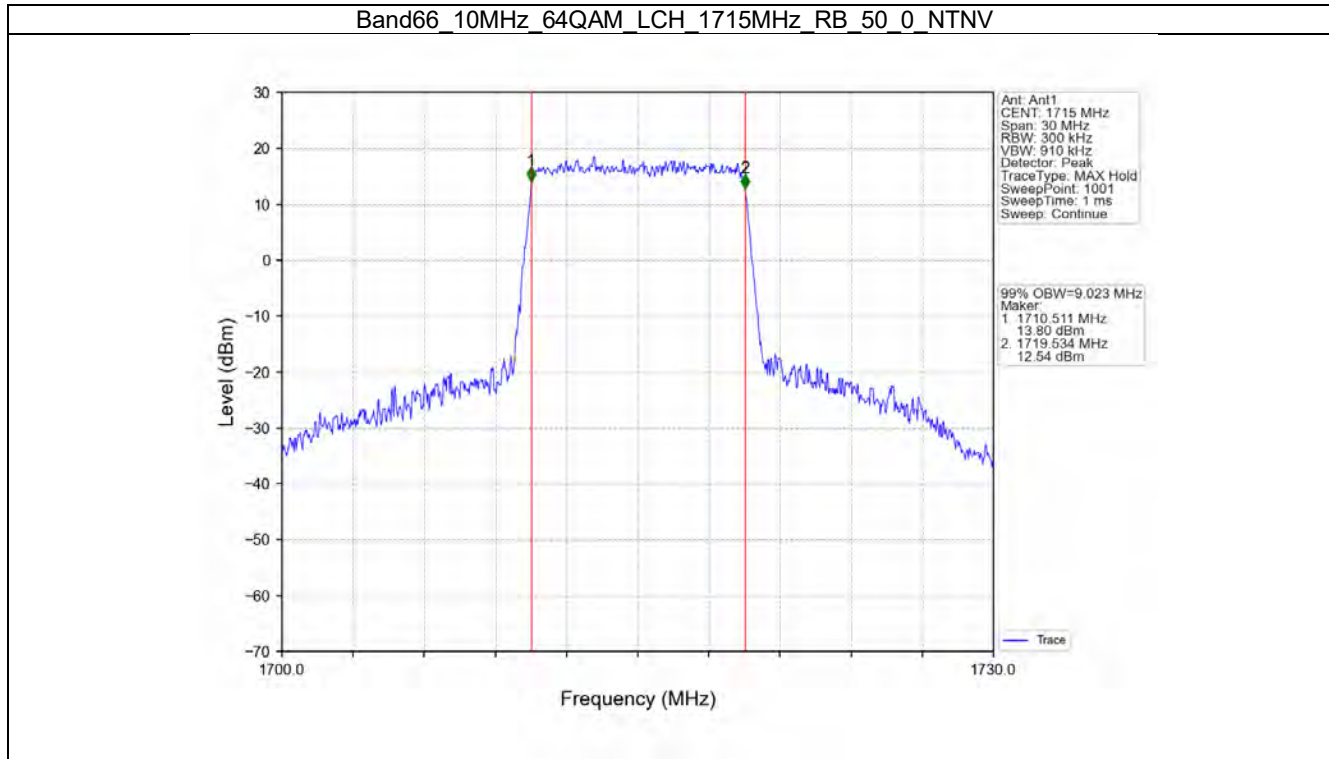


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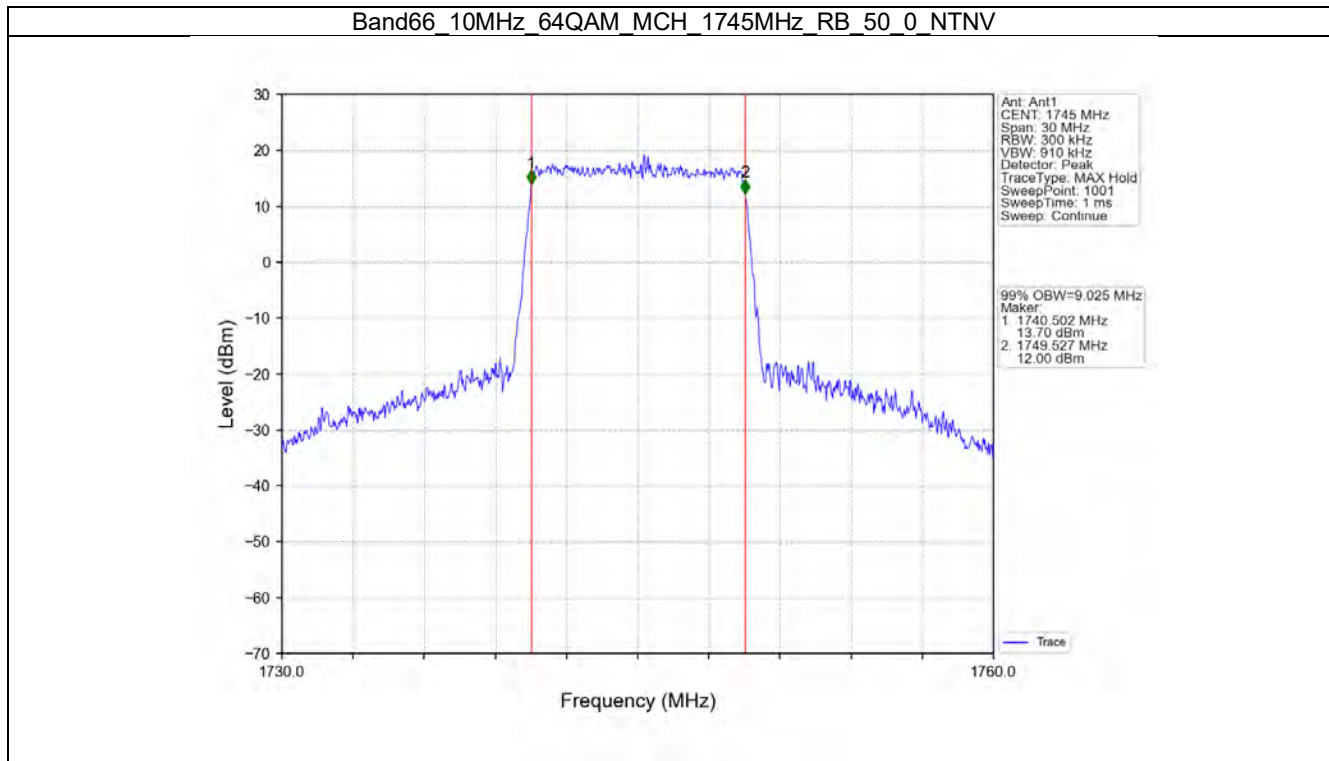


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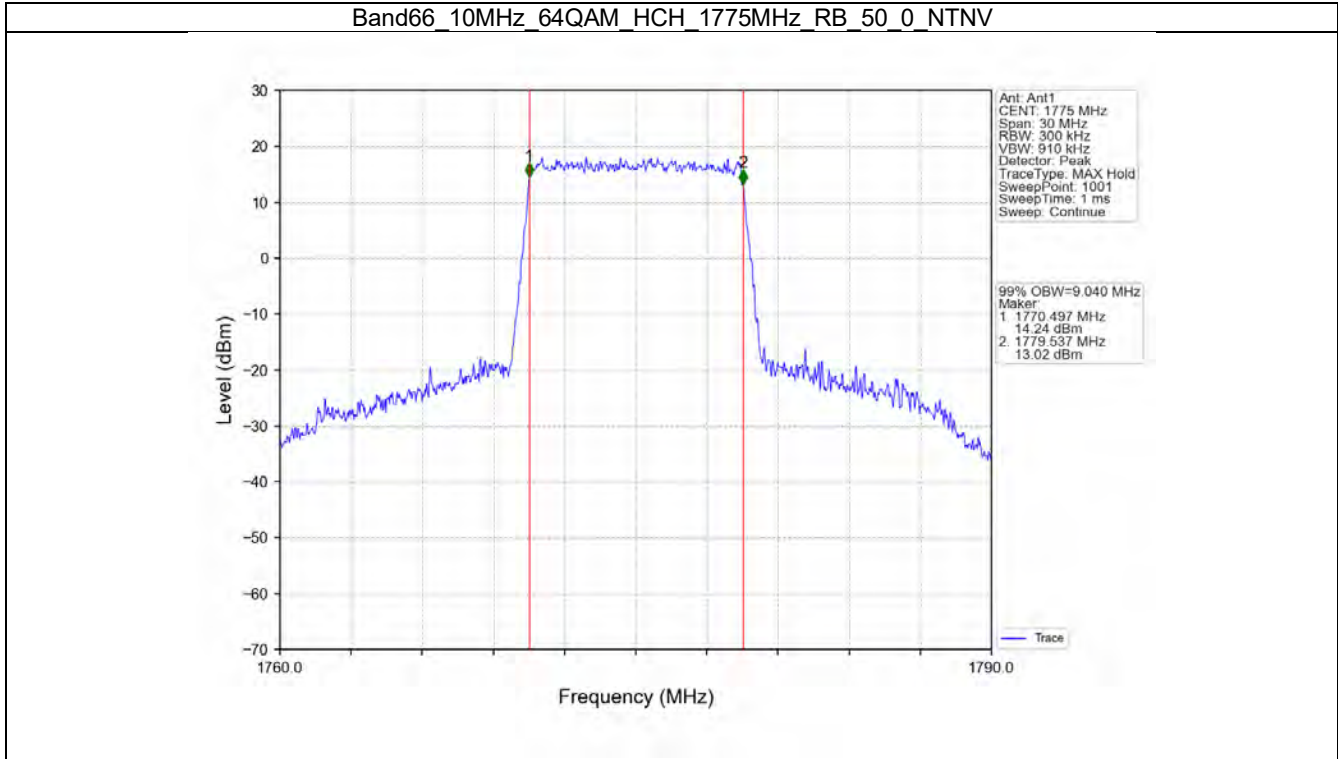
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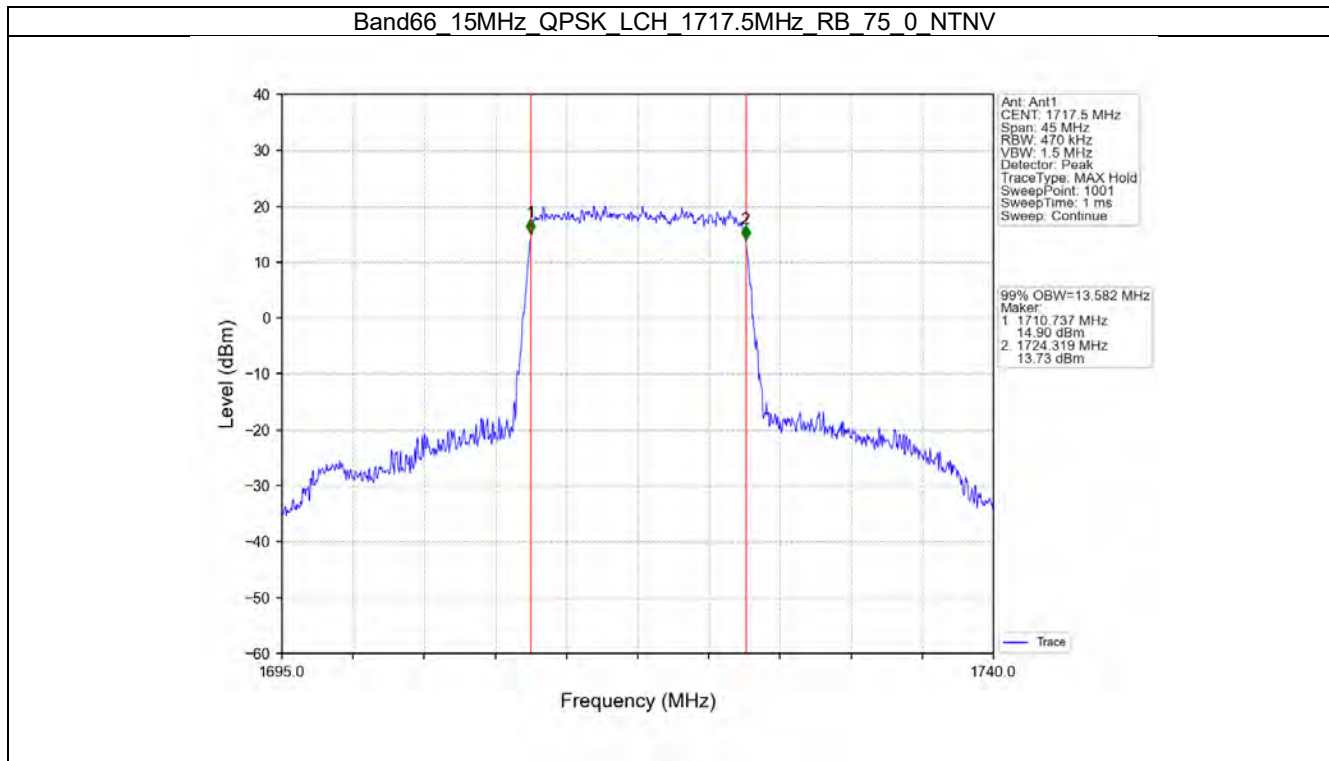


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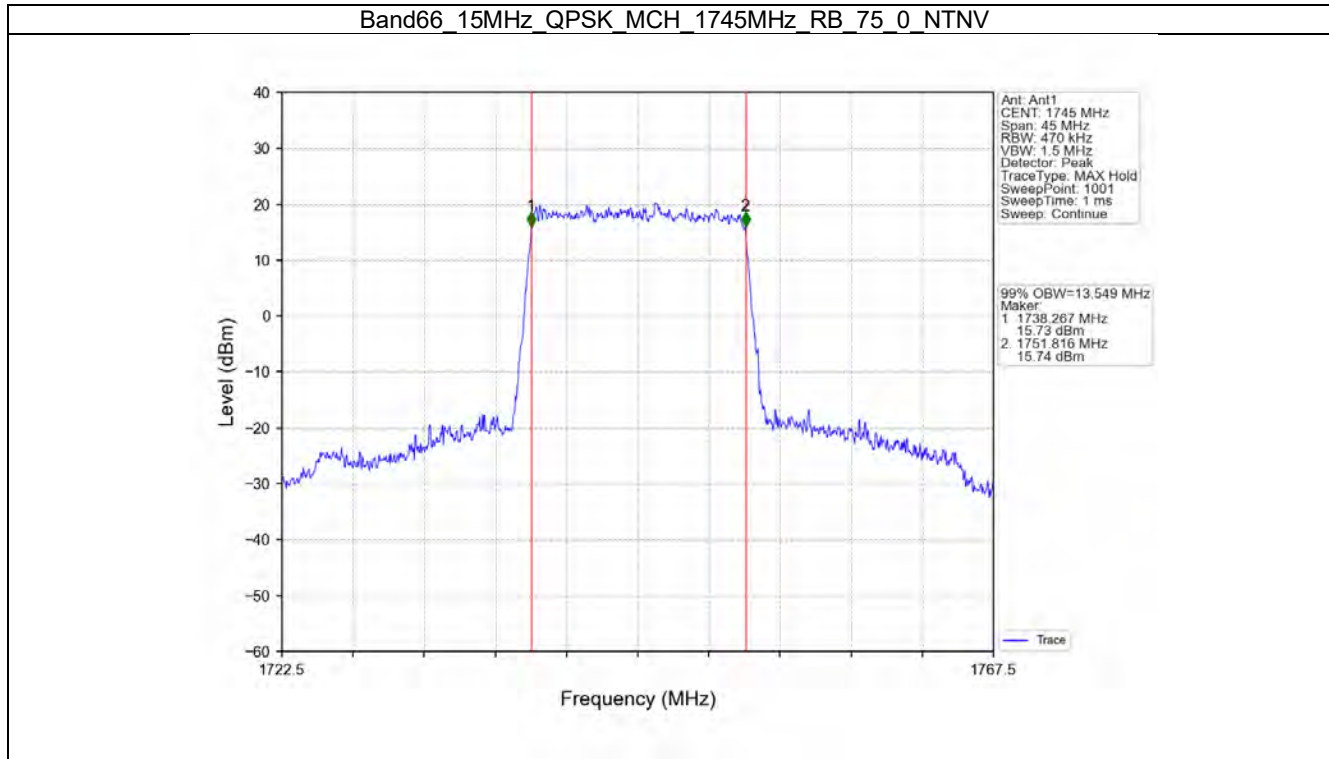


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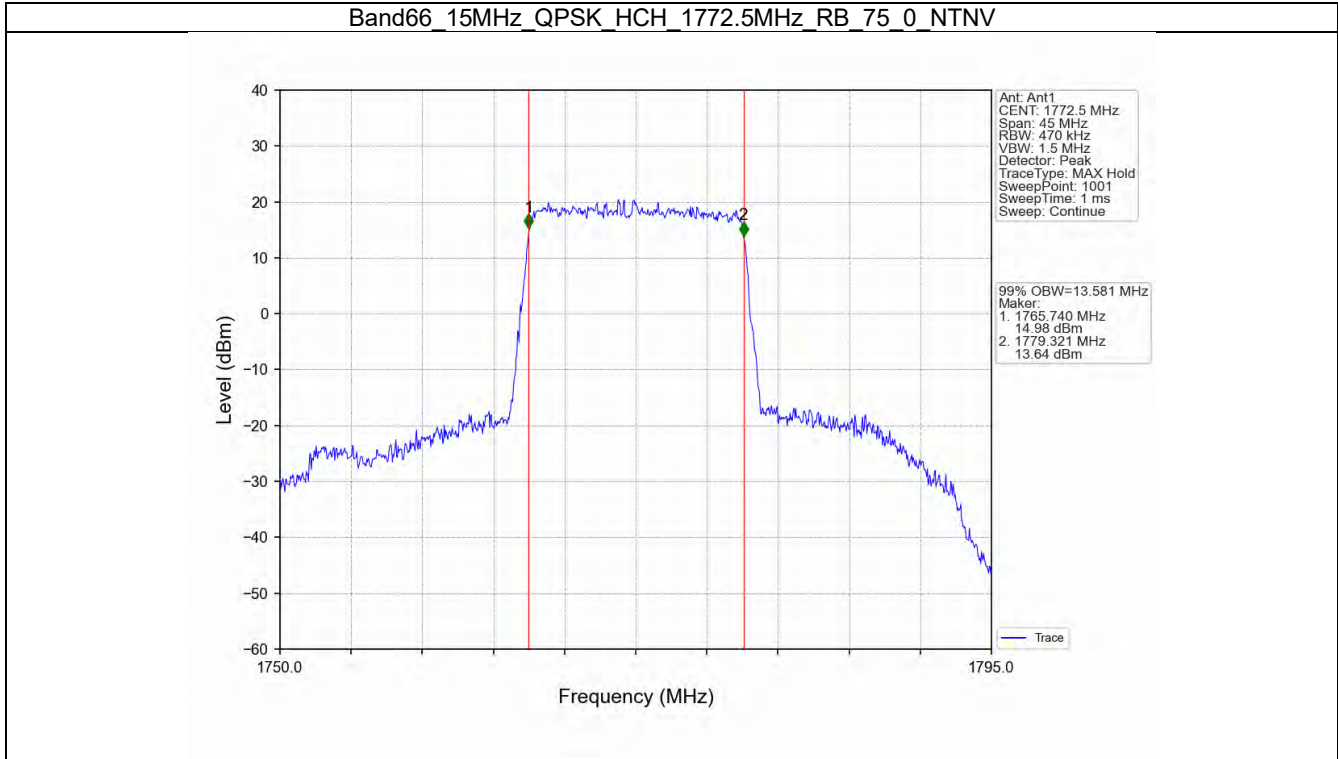
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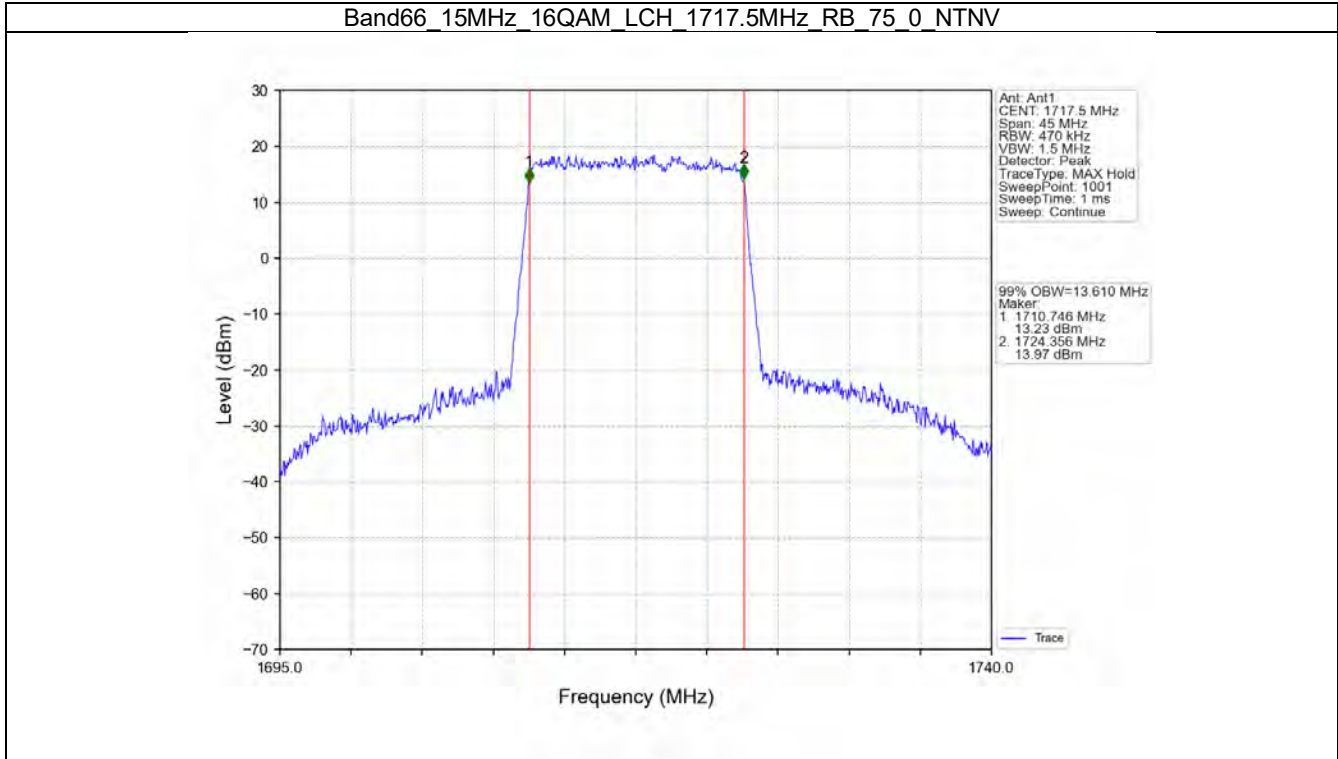
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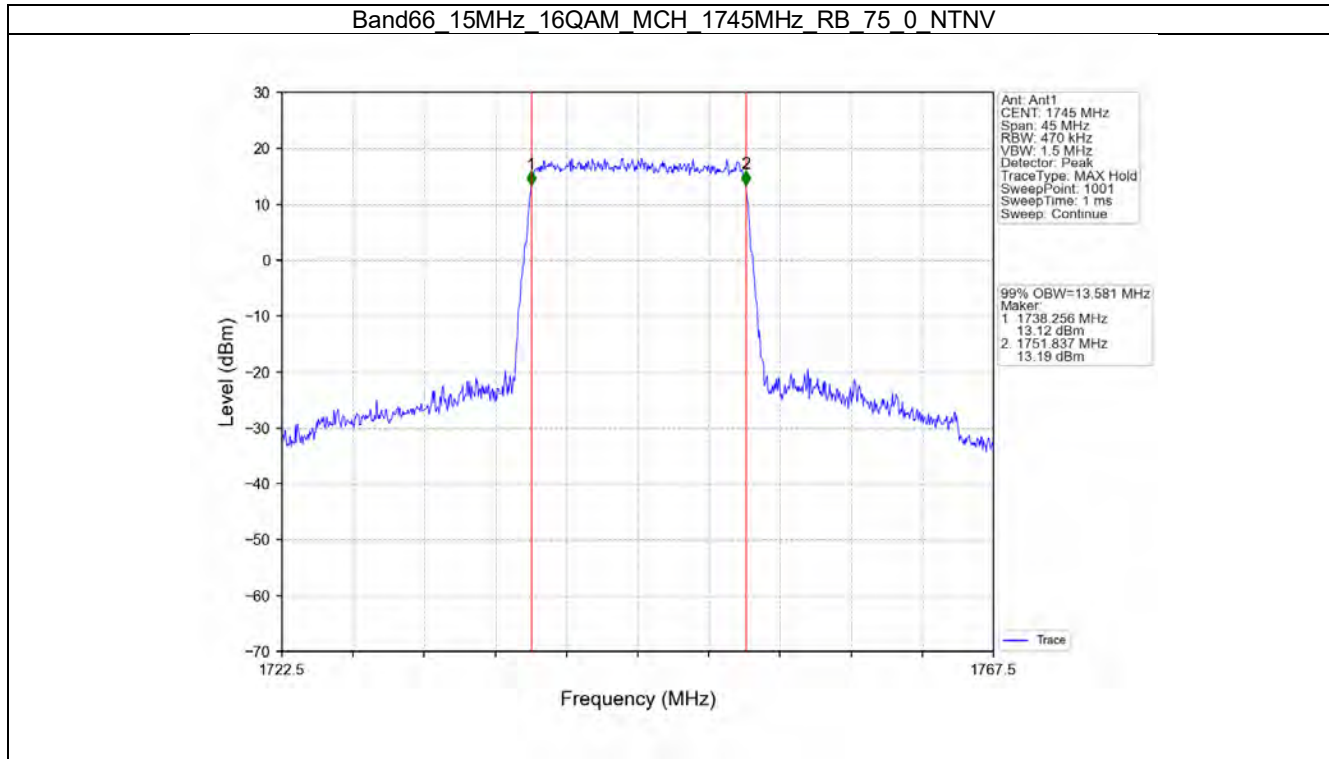


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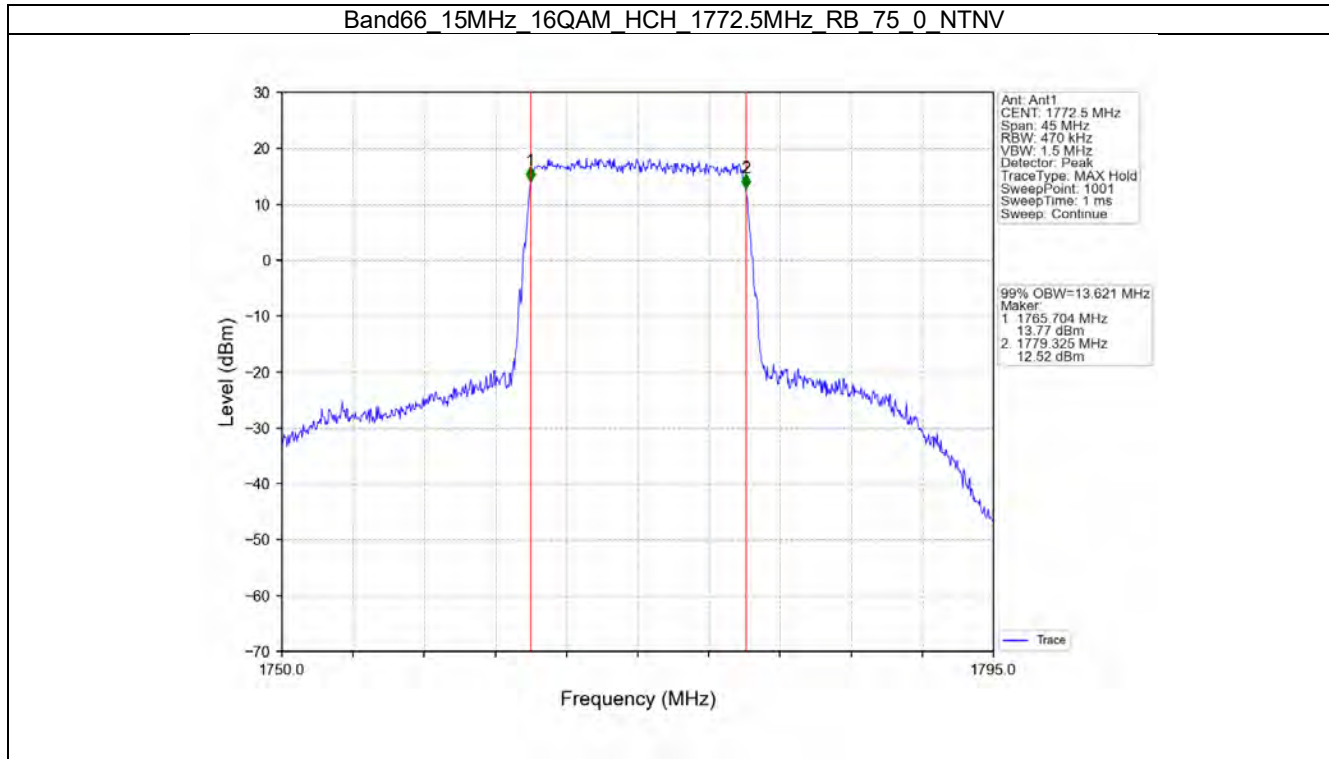


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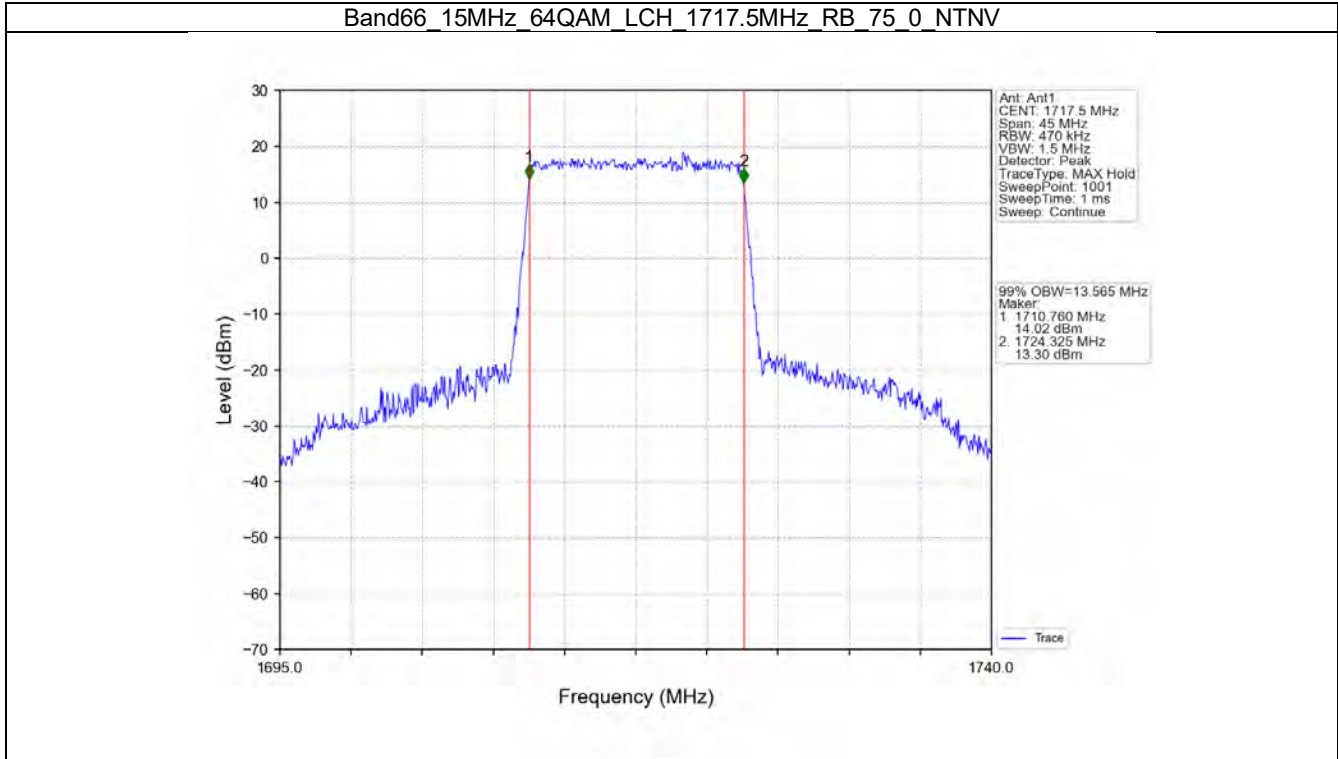
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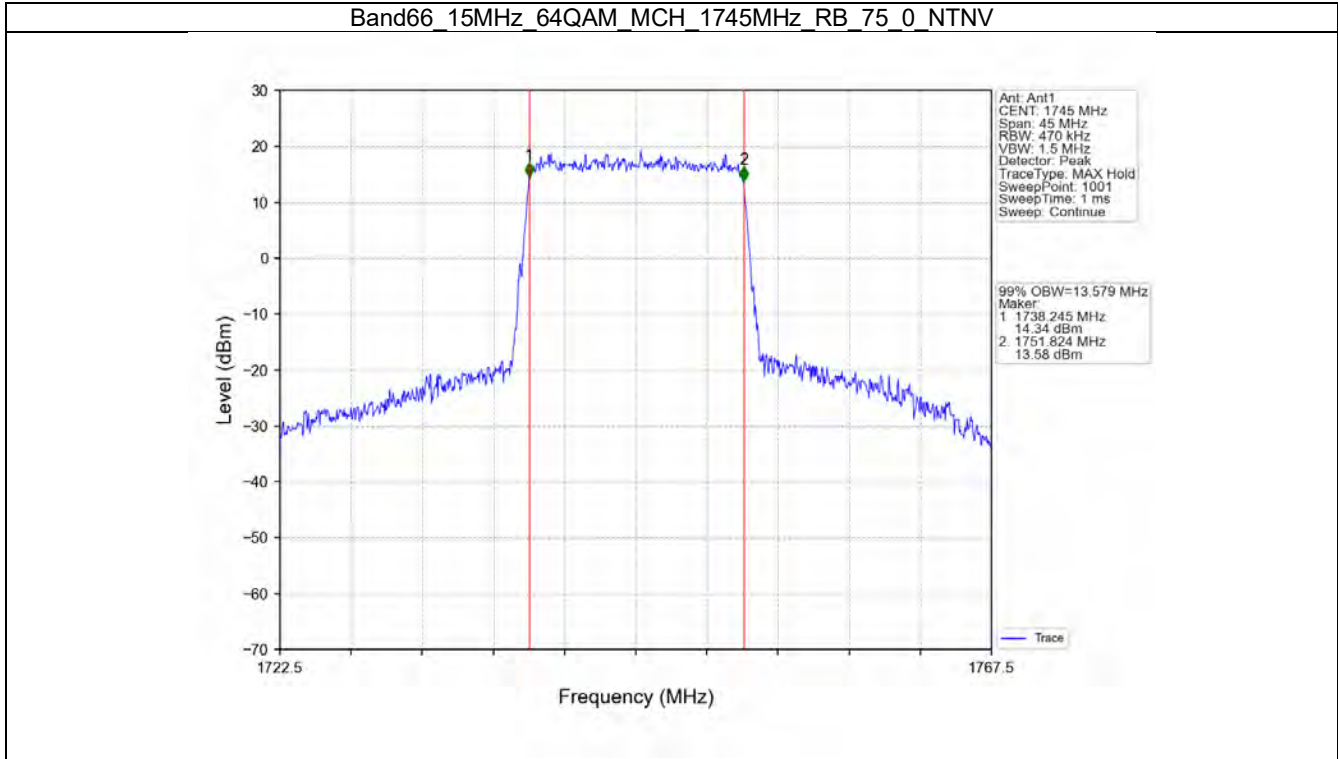
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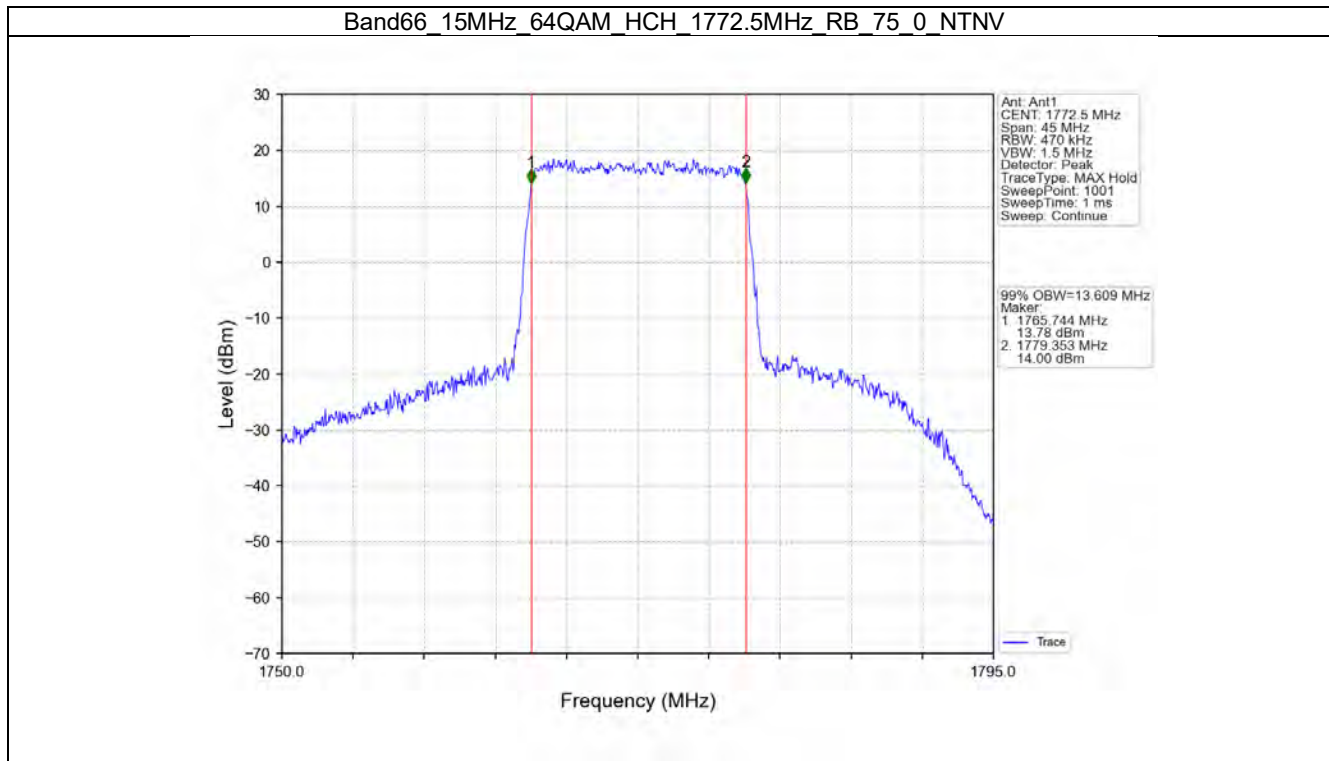


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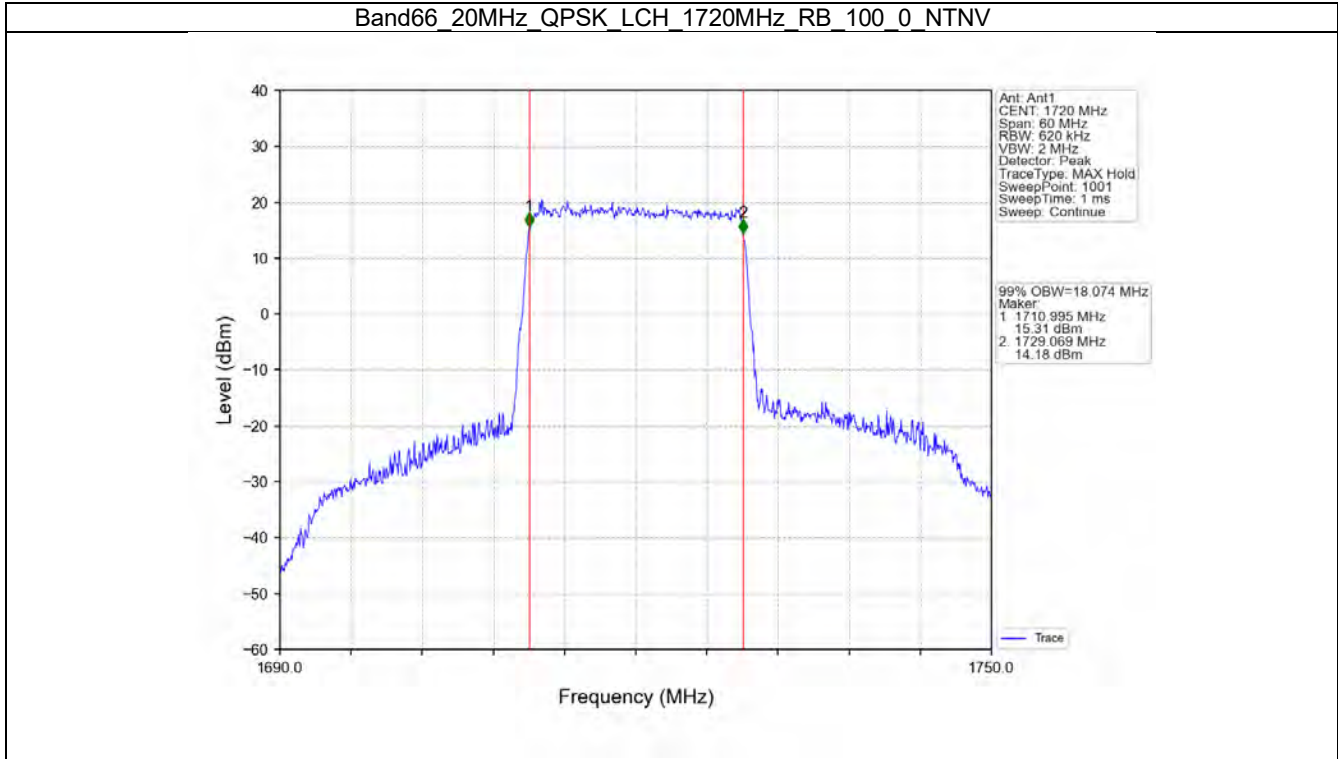
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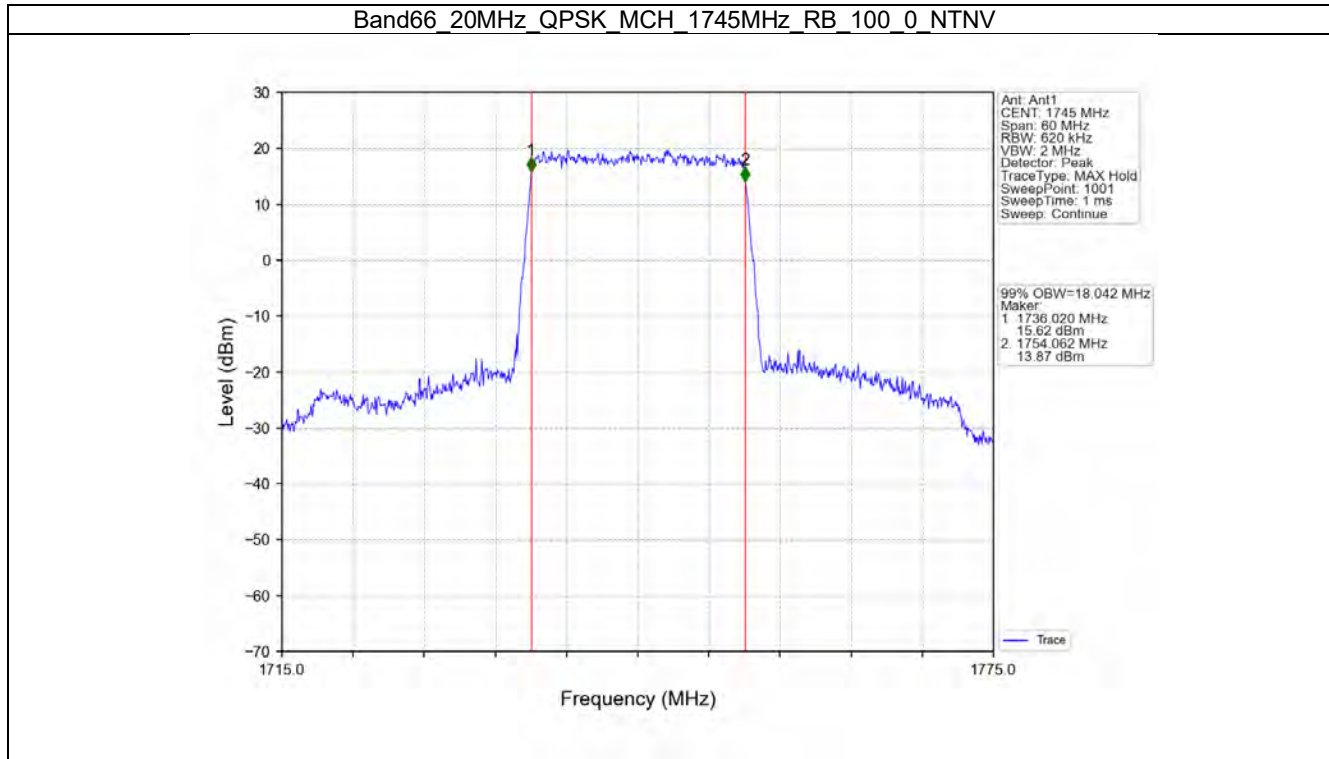


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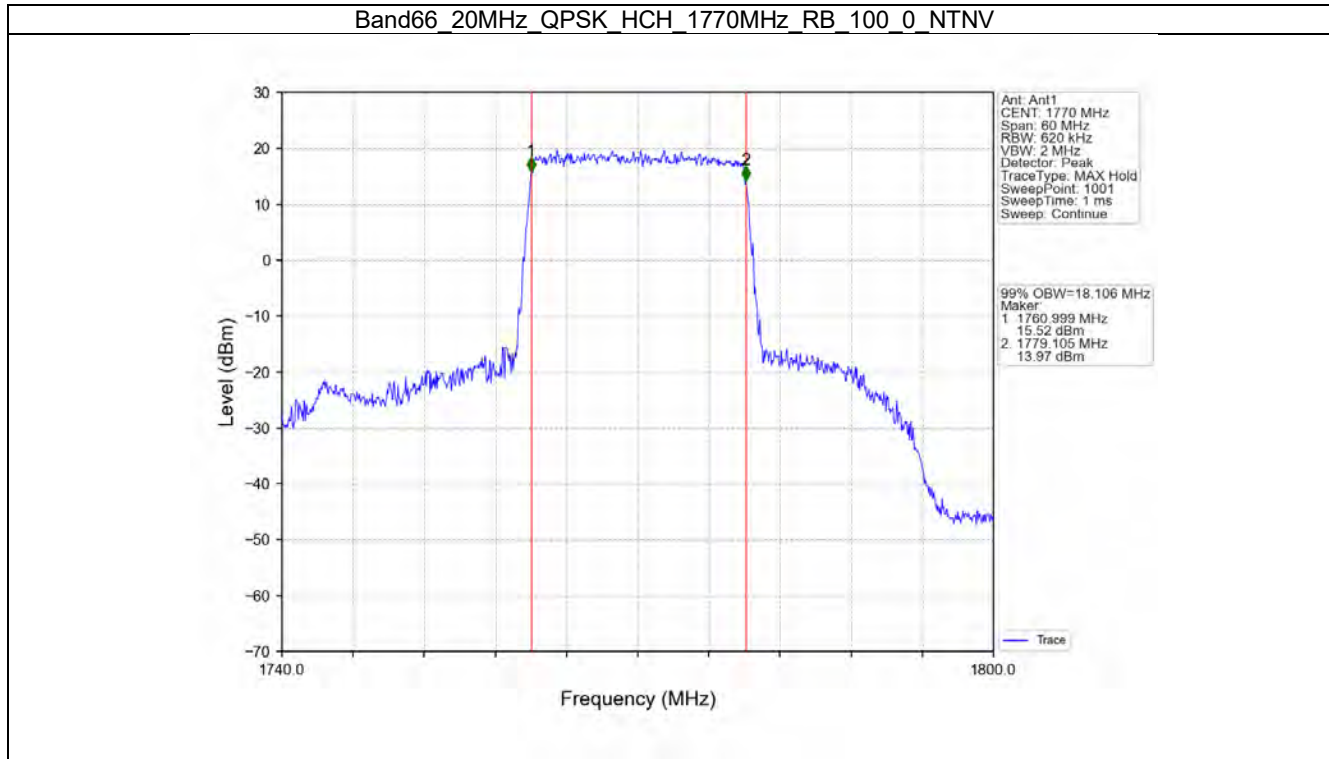


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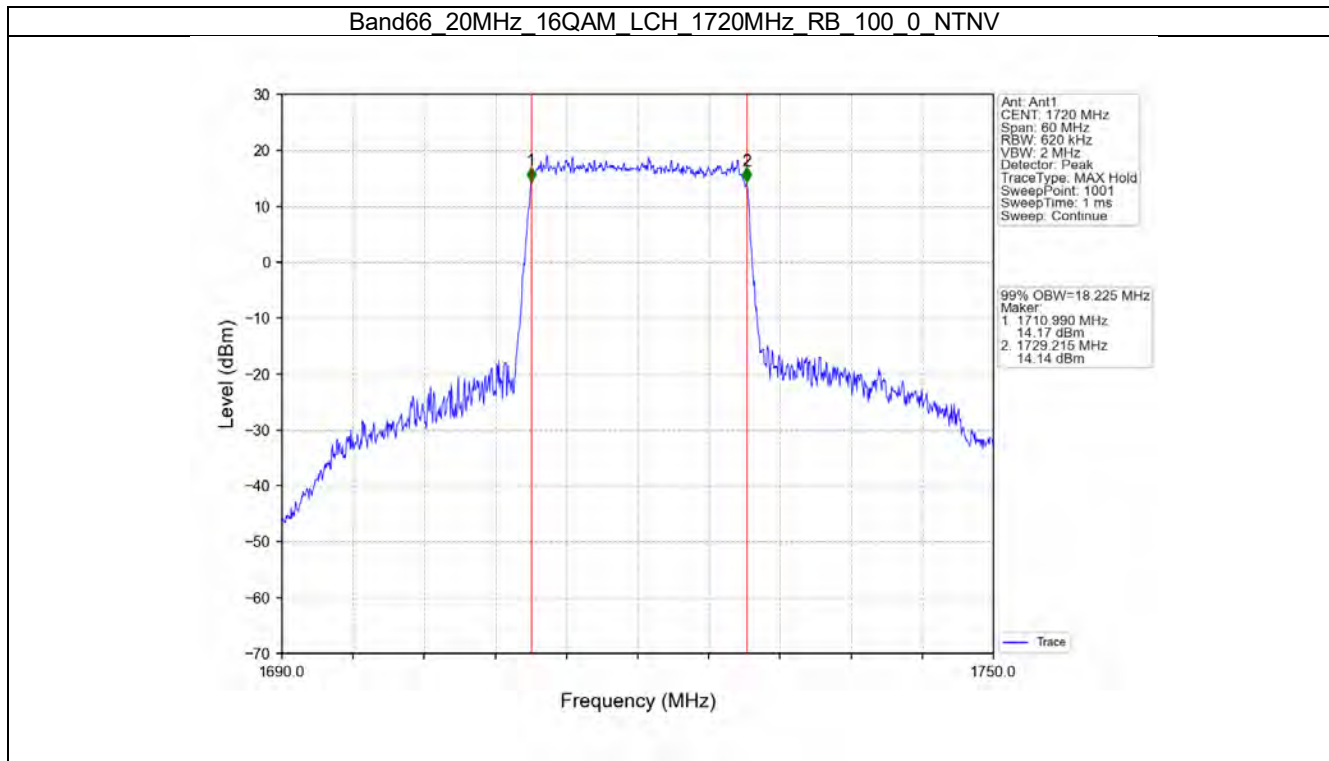


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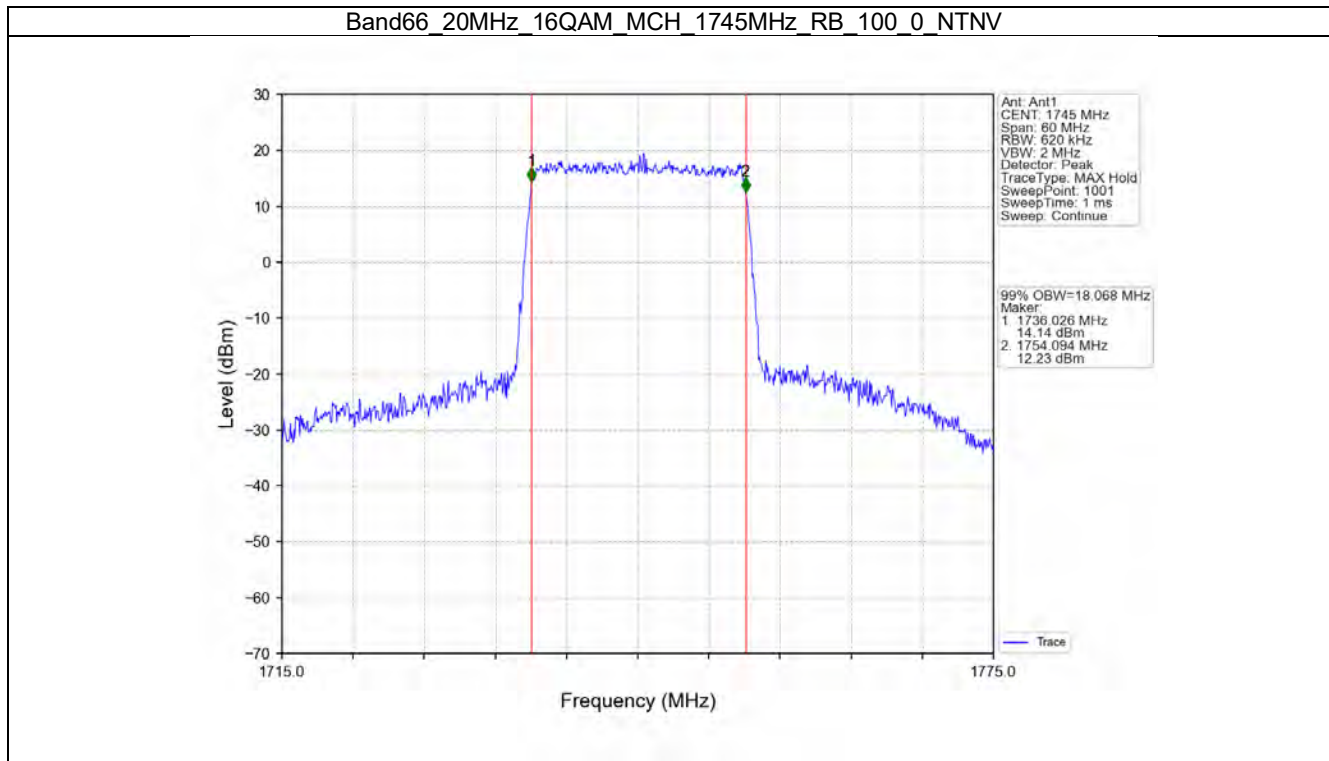


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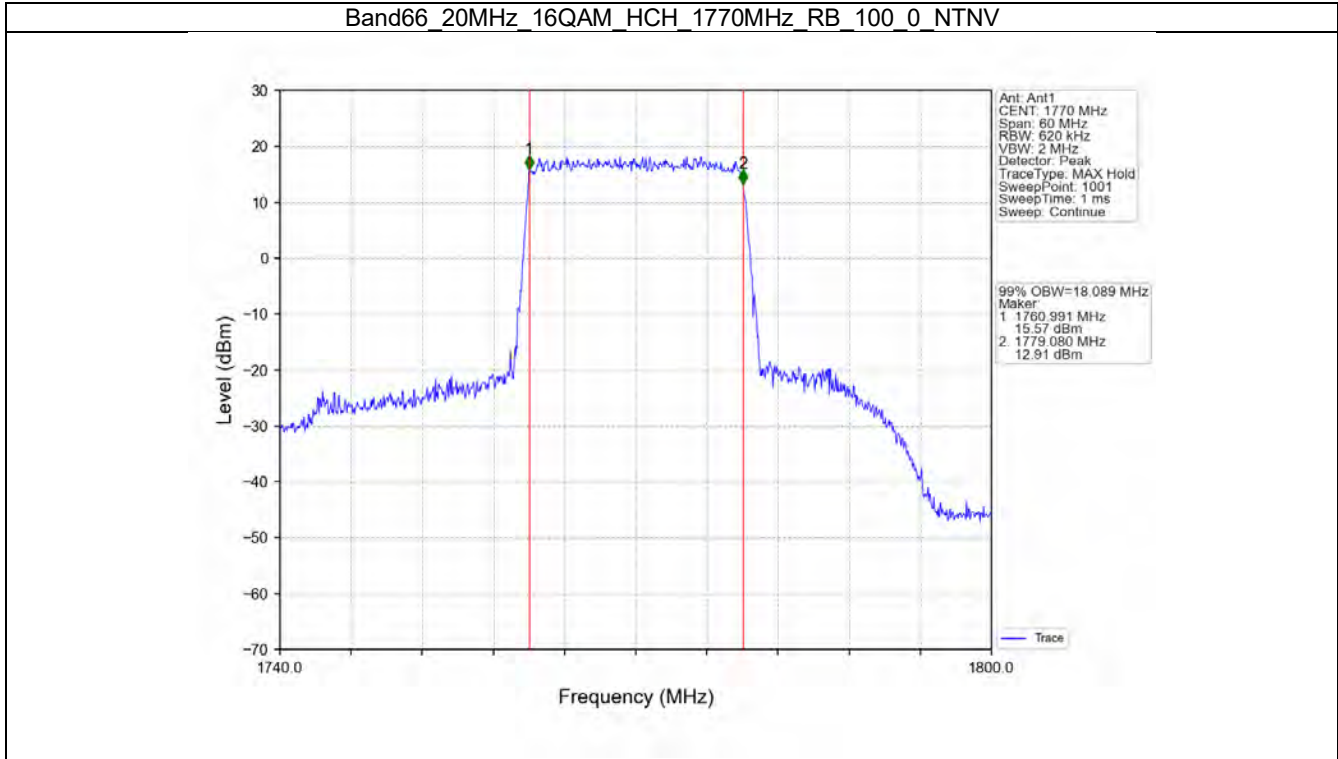
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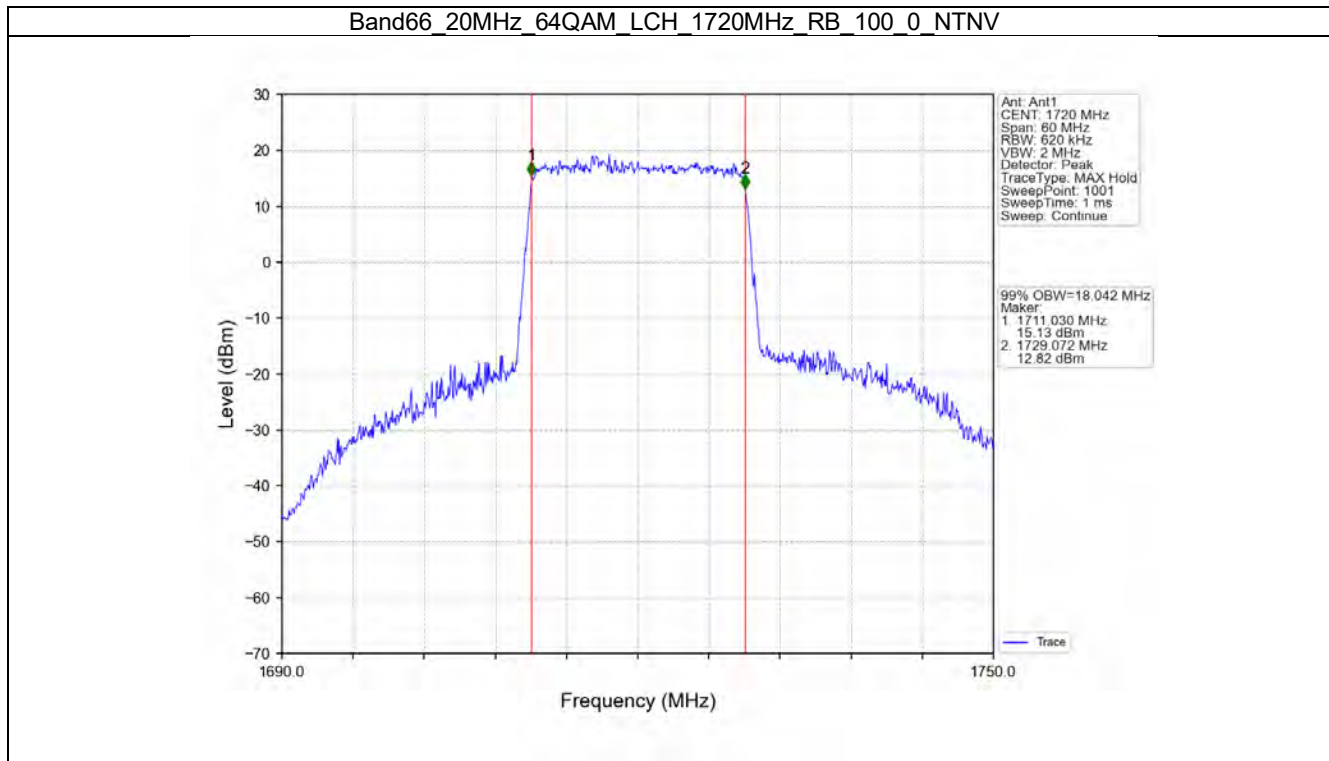


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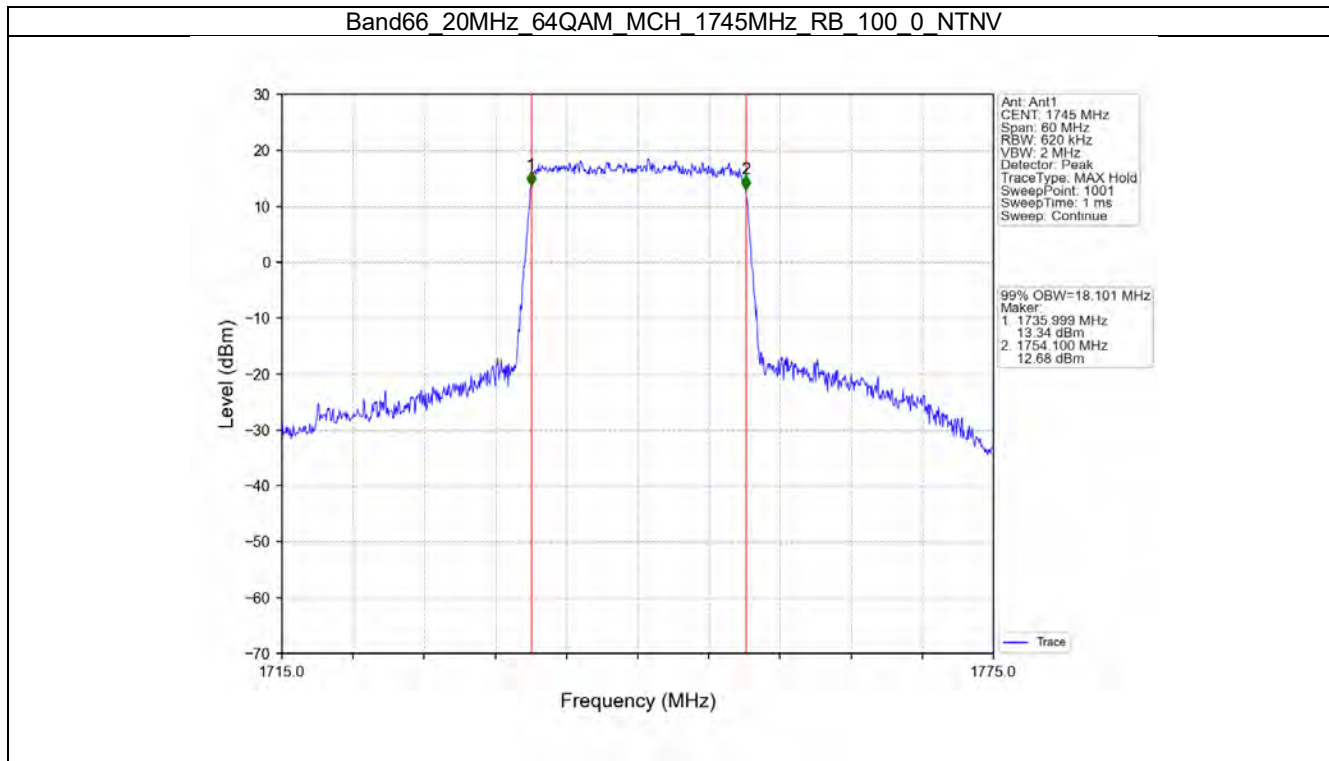


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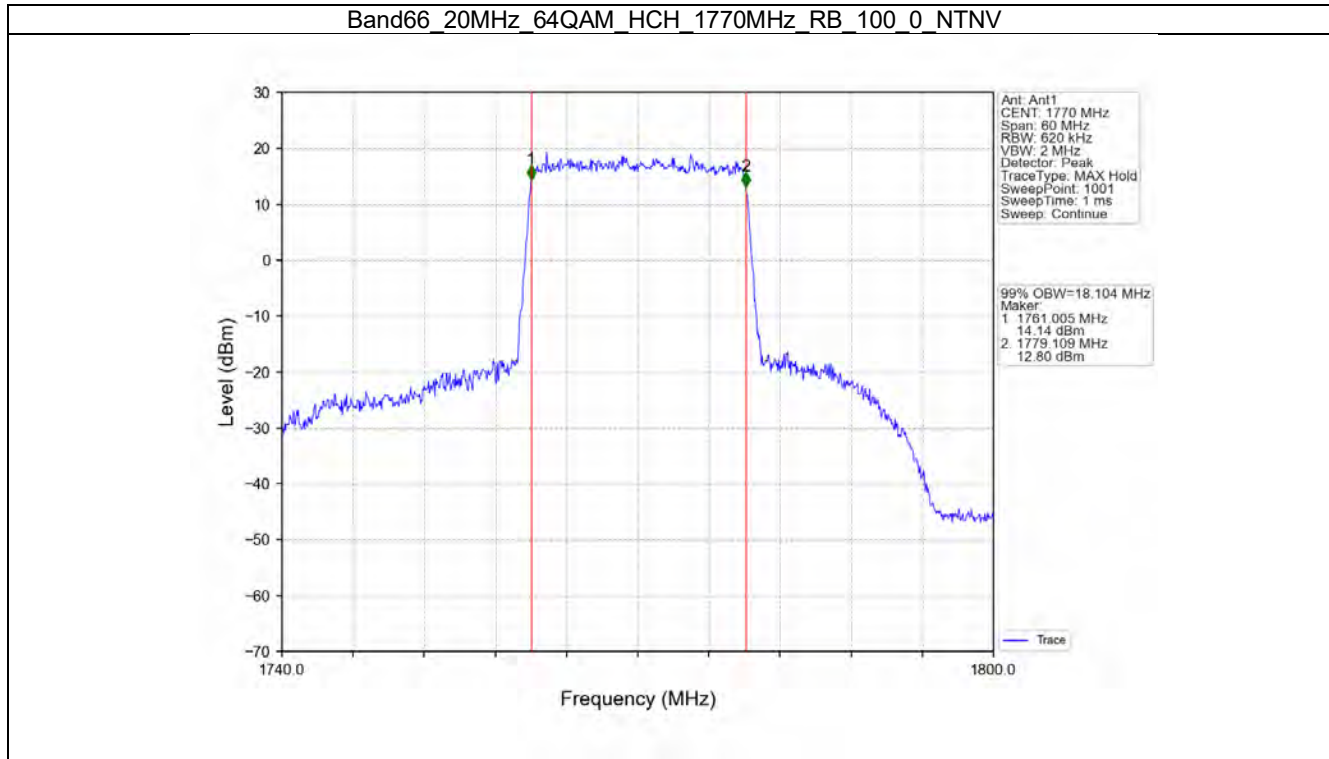


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3.2 Band66_XDB

3.2.1 Test Result

Band: 66 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.319	/	Pass
		1745	6	0	1.307	/	Pass
		1779.3	6	0	1.335	/	Pass
	16QAM	1710.7	6	0	1.300	/	Pass
		1745	6	0	1.334	/	Pass
		1779.3	6	0	1.327	/	Pass
	64QAM	1710.7	6	0	1.349	/	Pass
		1745	6	0	1.294	/	Pass
		1779.3	6	0	1.330	/	Pass
3	QPSK	1711.5	15	0	3.021	/	Pass
		1745	15	0	3.025	/	Pass
		1778.5	15	0	3.023	/	Pass
	16QAM	1711.5	15	0	3.038	/	Pass
		1745	15	0	3.037	/	Pass
		1778.5	15	0	3.029	/	Pass
	64QAM	1711.5	15	0	3.038	/	Pass
		1745	15	0	3.031	/	Pass
		1778.5	15	0	3.025	/	Pass
5	QPSK	1712.5	25	0	5.074	/	Pass
		1745	25	0	5.076	/	Pass
		1777.5	25	0	5.067	/	Pass
	16QAM	1712.5	25	0	5.066	/	Pass
		1745	25	0	5.043	/	Pass
		1777.5	25	0	5.063	/	Pass
	64QAM	1712.5	25	0	5.053	/	Pass
		1745	25	0	5.052	/	Pass
		1777.5	25	0	5.070	/	Pass
10	QPSK	1715	50	0	10.050	/	Pass
		1745	50	0	9.965	/	Pass
		1775	50	0	9.955	/	Pass
	16QAM	1715	50	0	9.974	/	Pass
		1745	50	0	10.002	/	Pass
		1775	50	0	9.935	/	Pass
	64QAM	1715	50	0	9.931	/	Pass
		1745	50	0	9.875	/	Pass
		1775	50	0	9.992	/	Pass
15	QPSK	1717.5	75	0	14.979	/	Pass
		1745	75	0	14.899	/	Pass
		1772.5	75	0	15.001	/	Pass



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	16QAM	1717.5	75	0	14.985	/	Pass
		1745	75	0	14.991	/	Pass
		1772.5	75	0	15.097	/	Pass
	64QAM	1717.5	75	0	14.842	/	Pass
		1745	75	0	14.947	/	Pass
		1772.5	75	0	14.948	/	Pass
20	QPSK	1720	100	0	19.870	/	Pass
		1745	100	0	19.831	/	Pass
		1770	100	0	19.719	/	Pass
	16QAM	1720	100	0	19.677	/	Pass
		1745	100	0	19.640	/	Pass
		1770	100	0	19.824	/	Pass
	64QAM	1720	100	0	19.746	/	Pass
		1745	100	0	19.697	/	Pass
		1770	100	0	19.545	/	Pass



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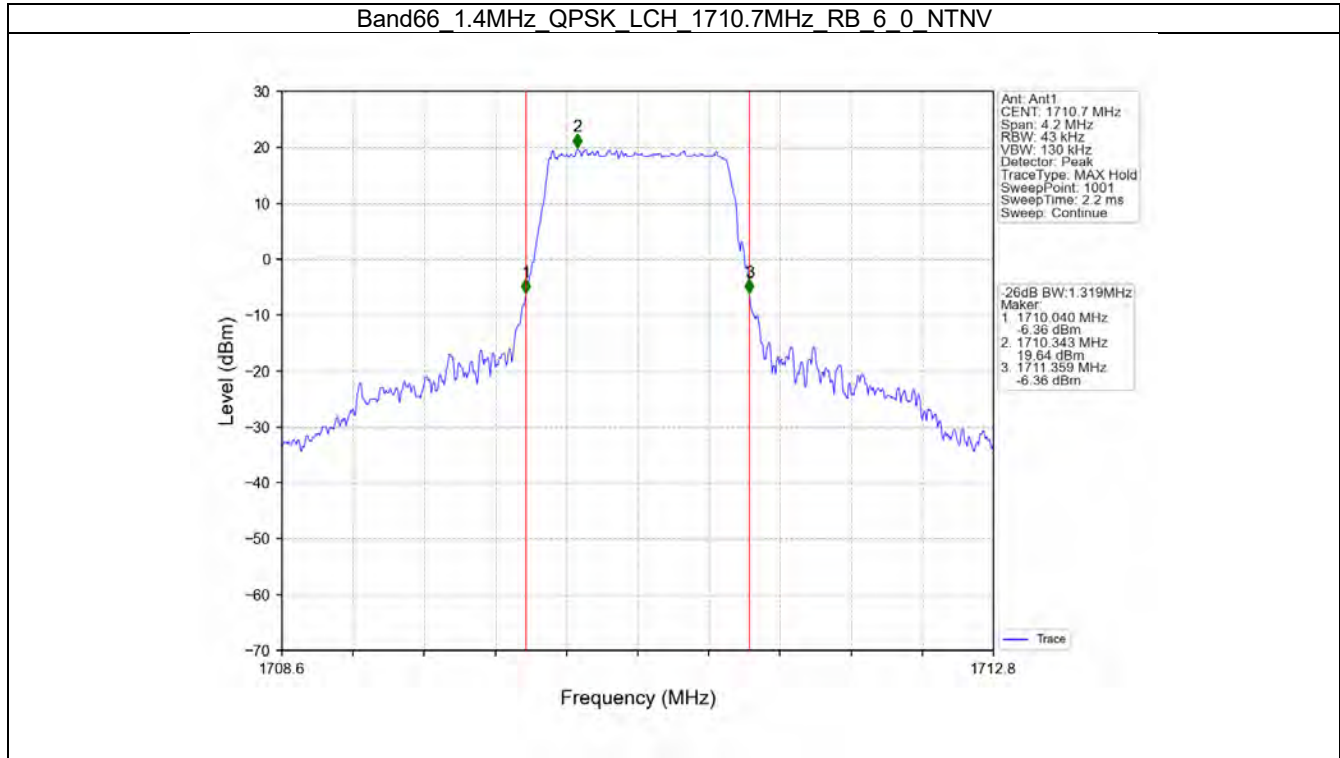
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3.2.2 Test Graph



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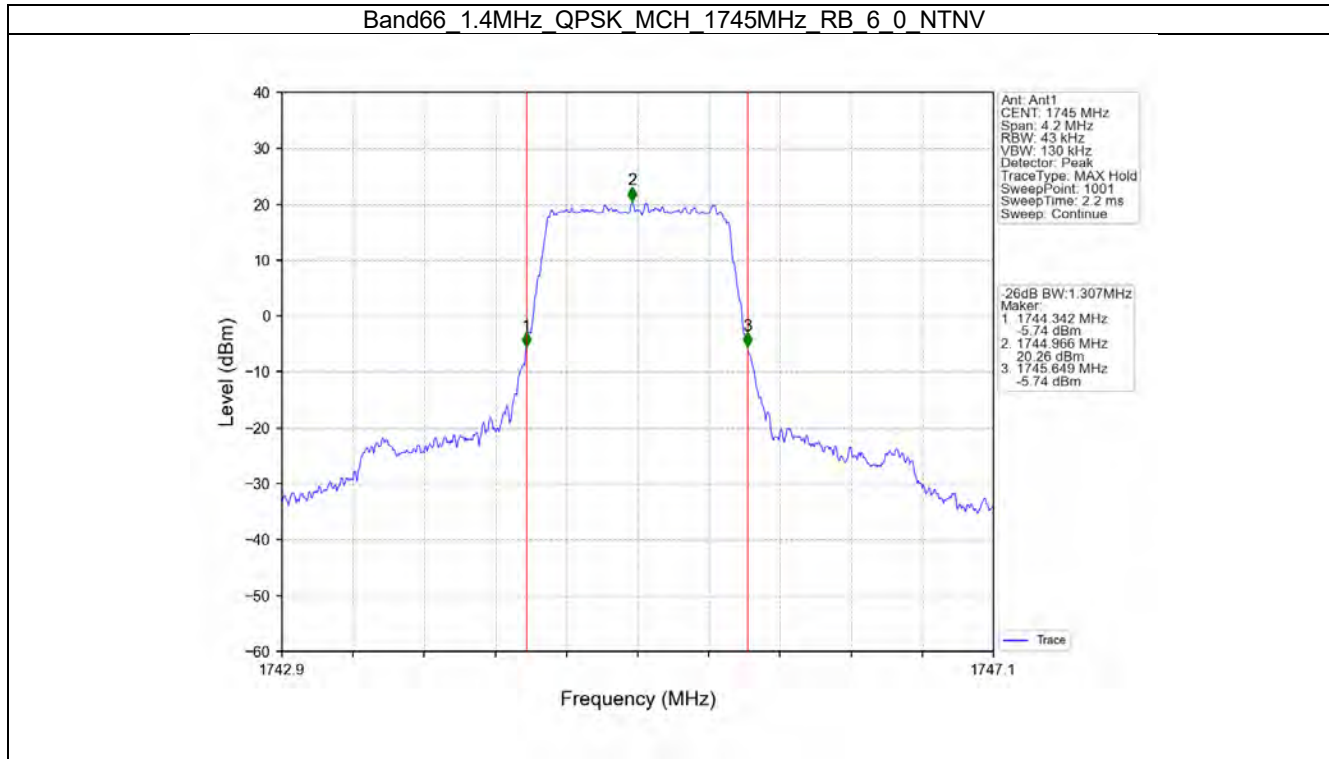


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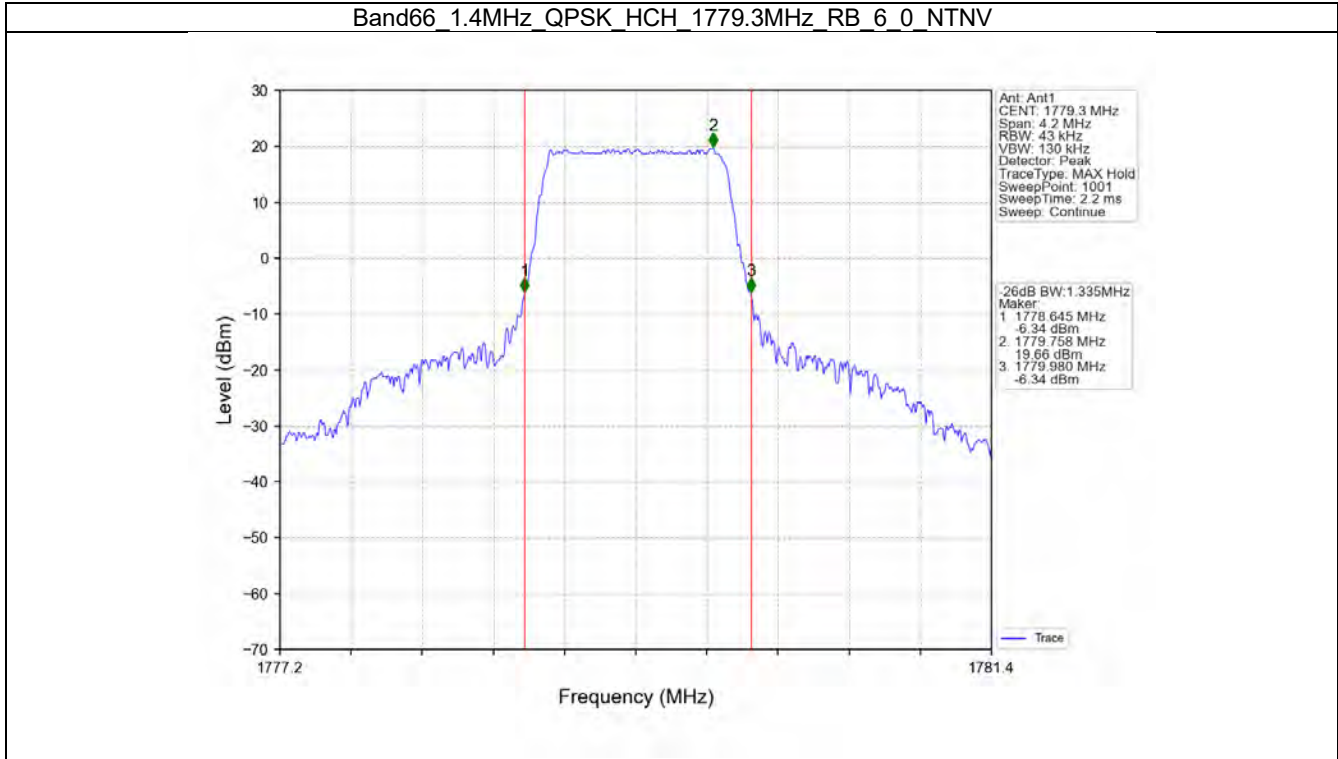
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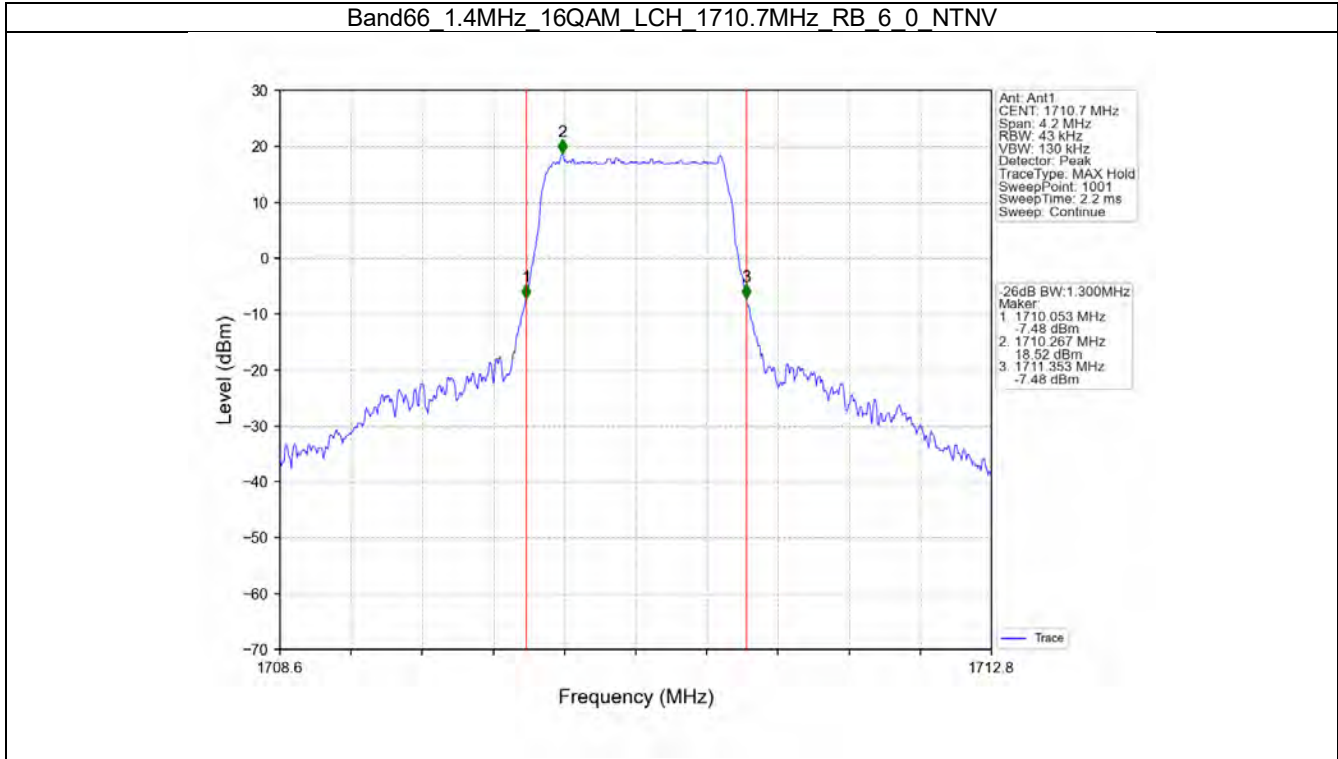
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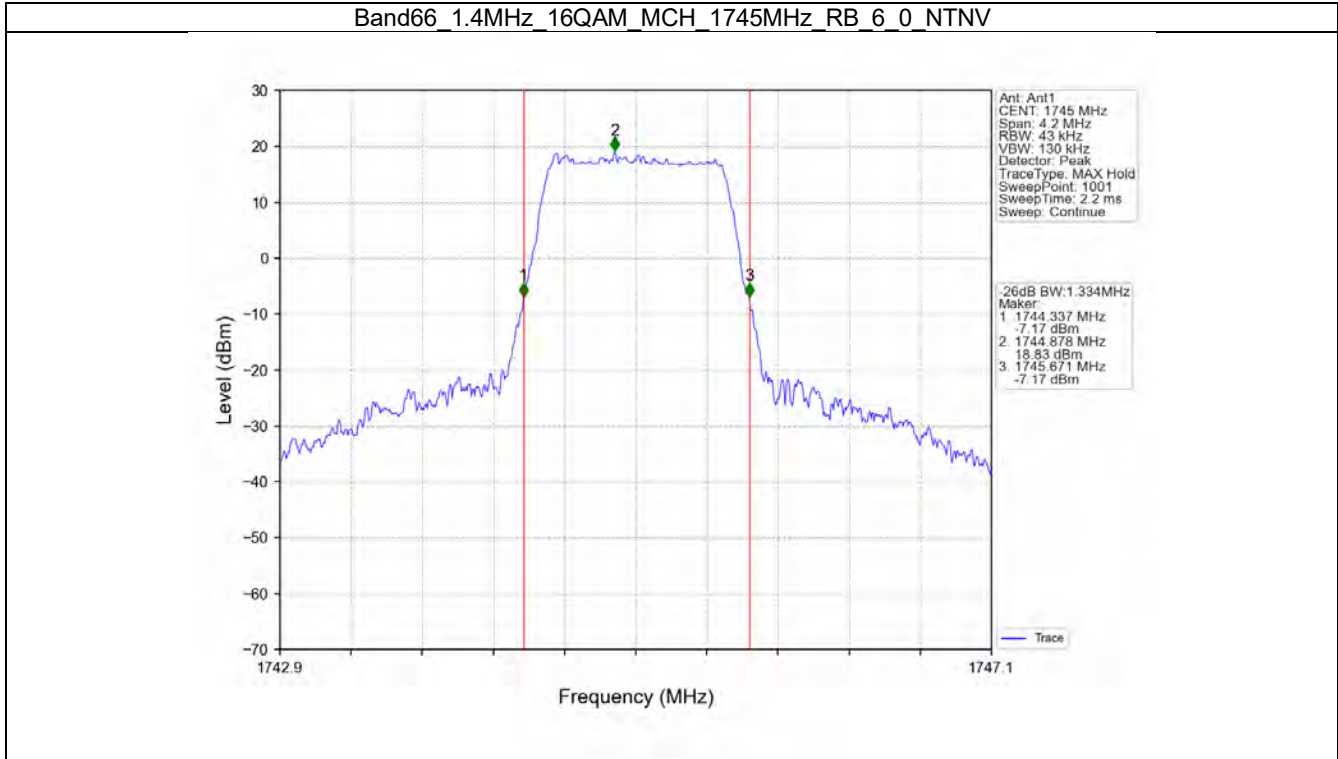
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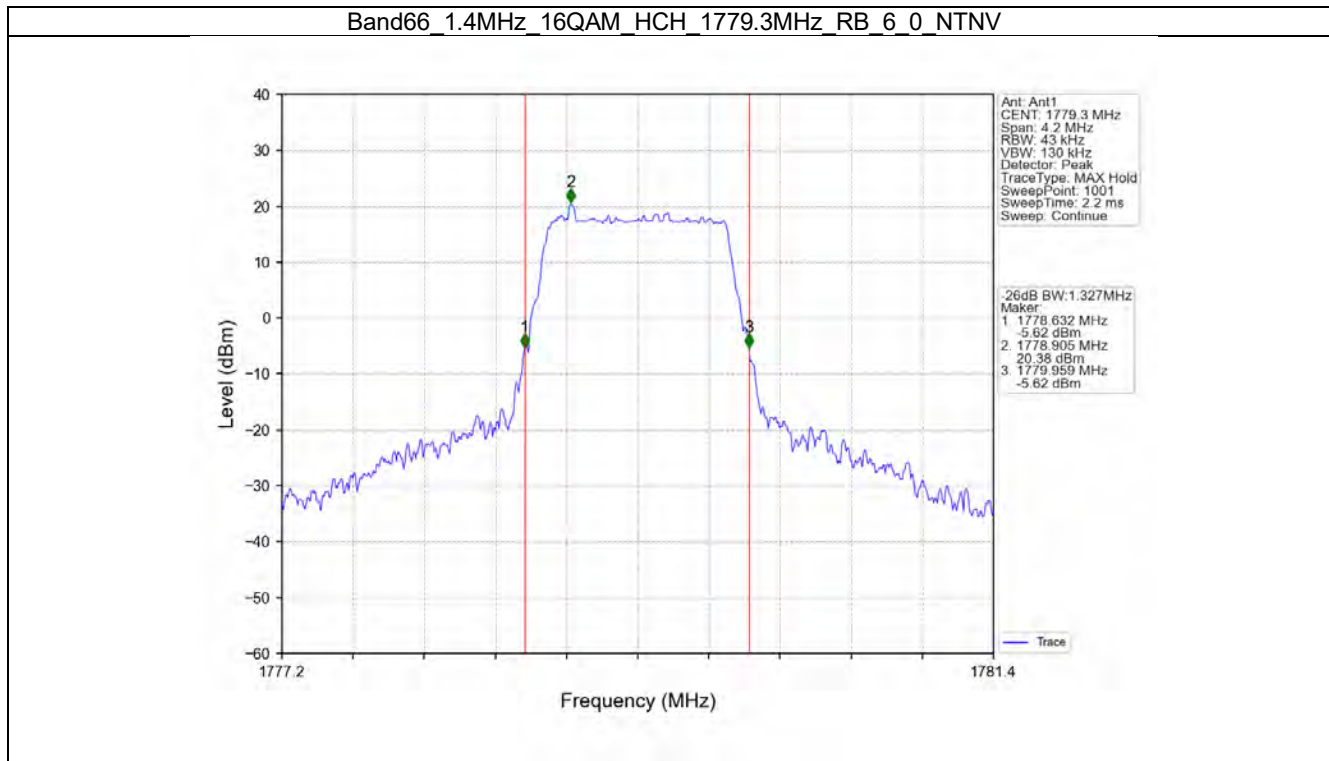


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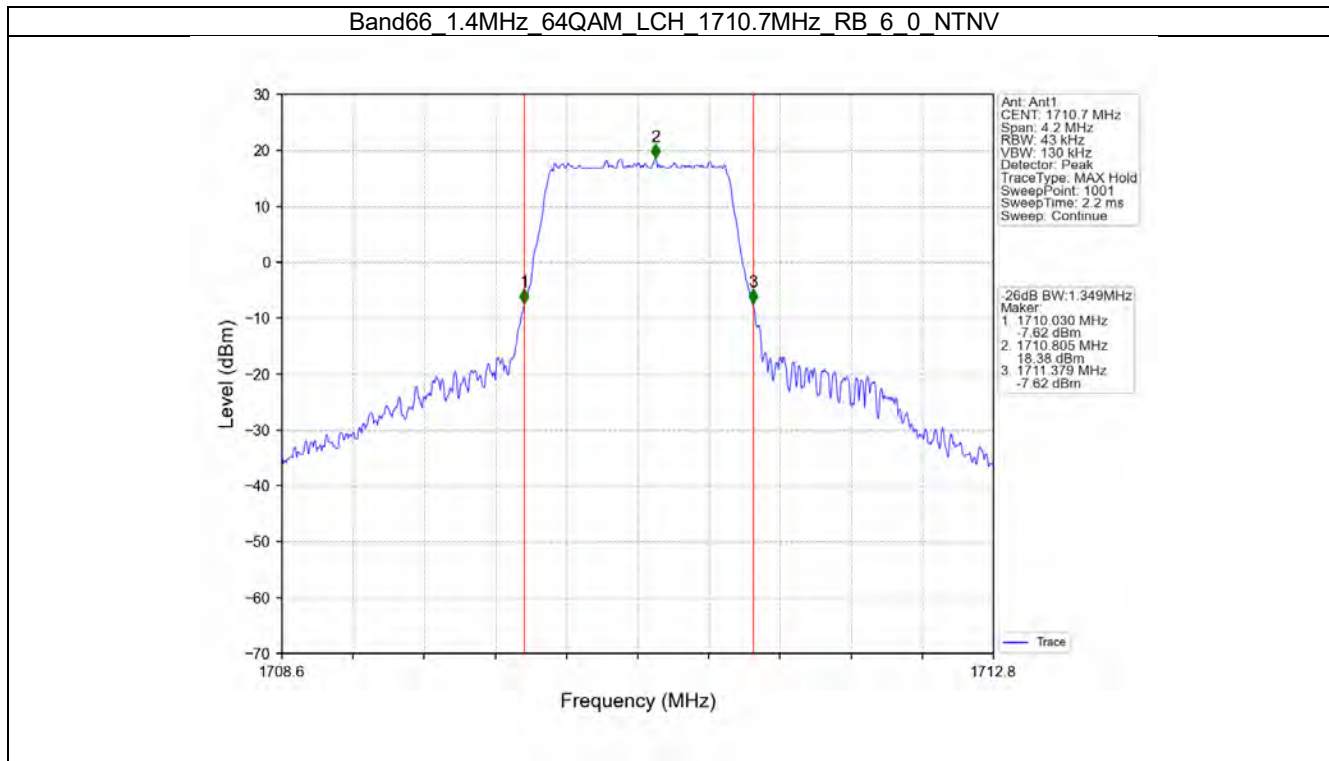


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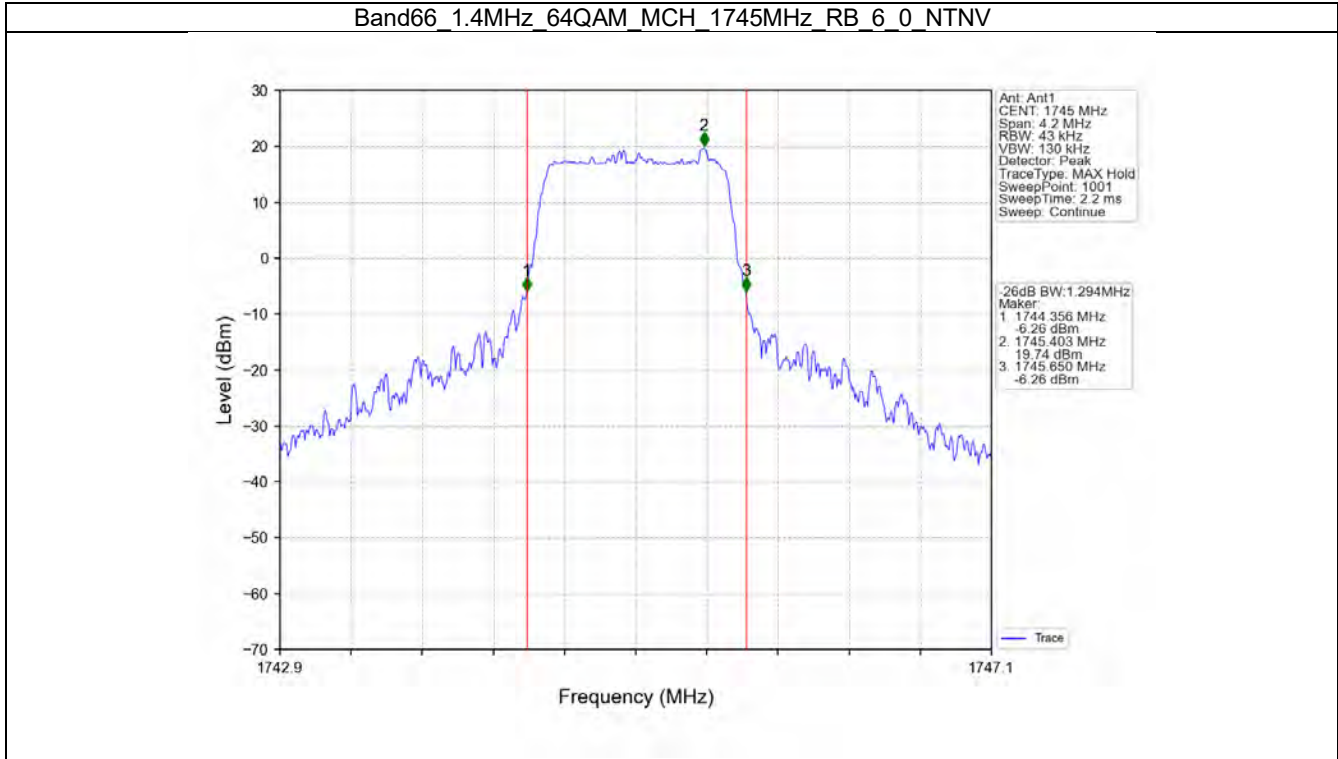
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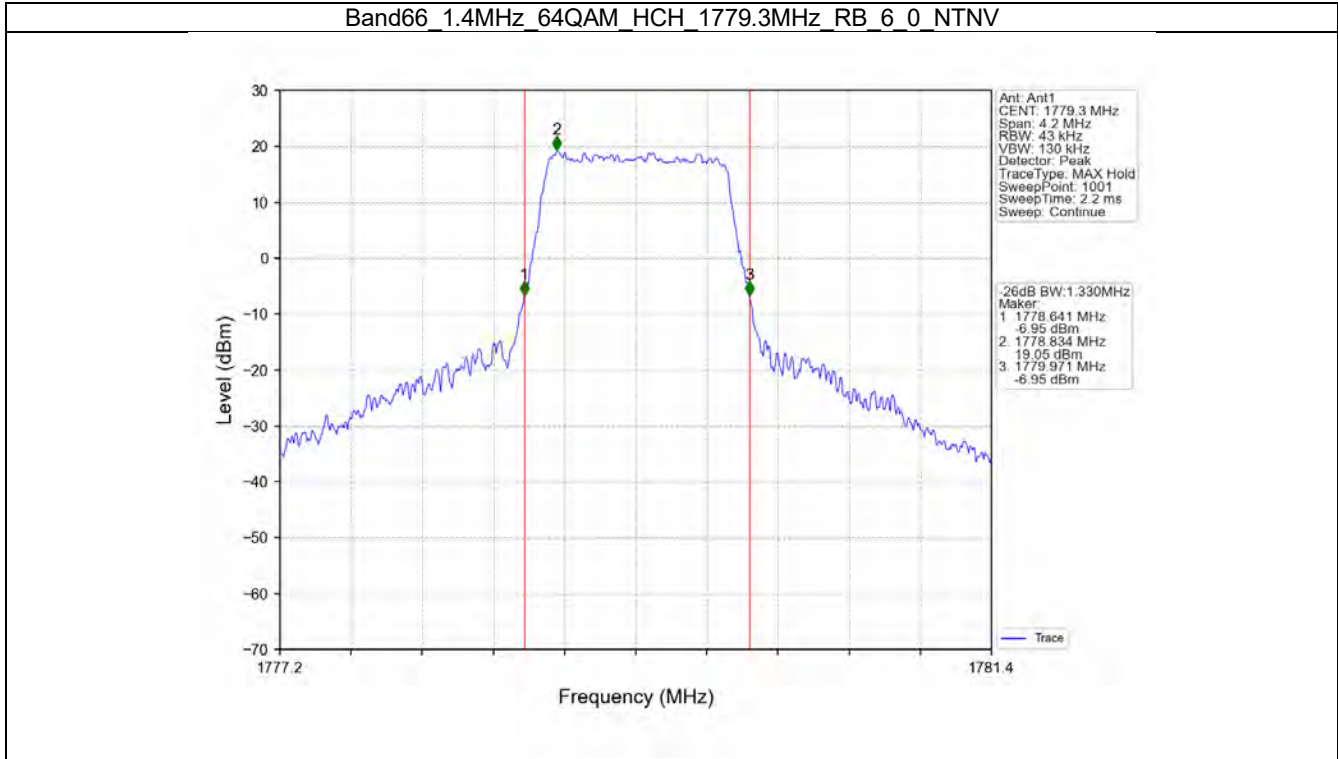
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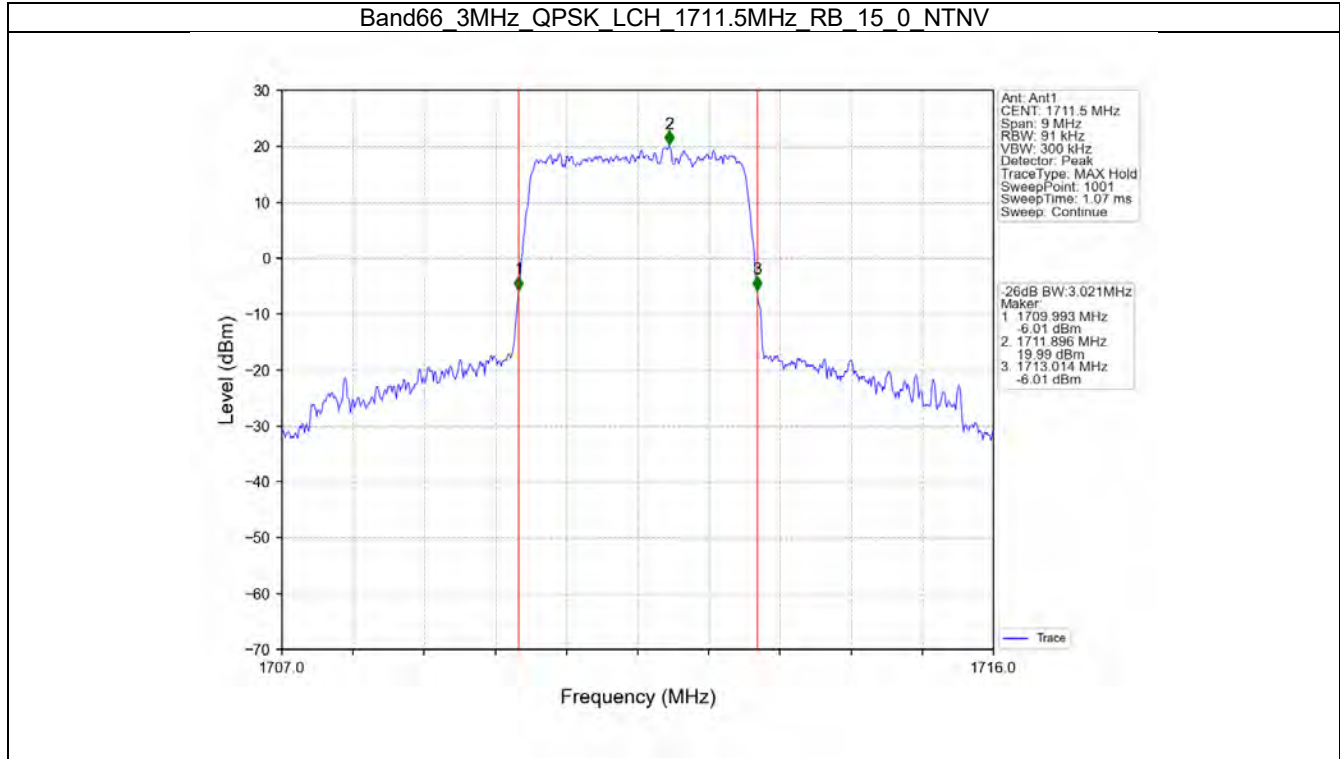
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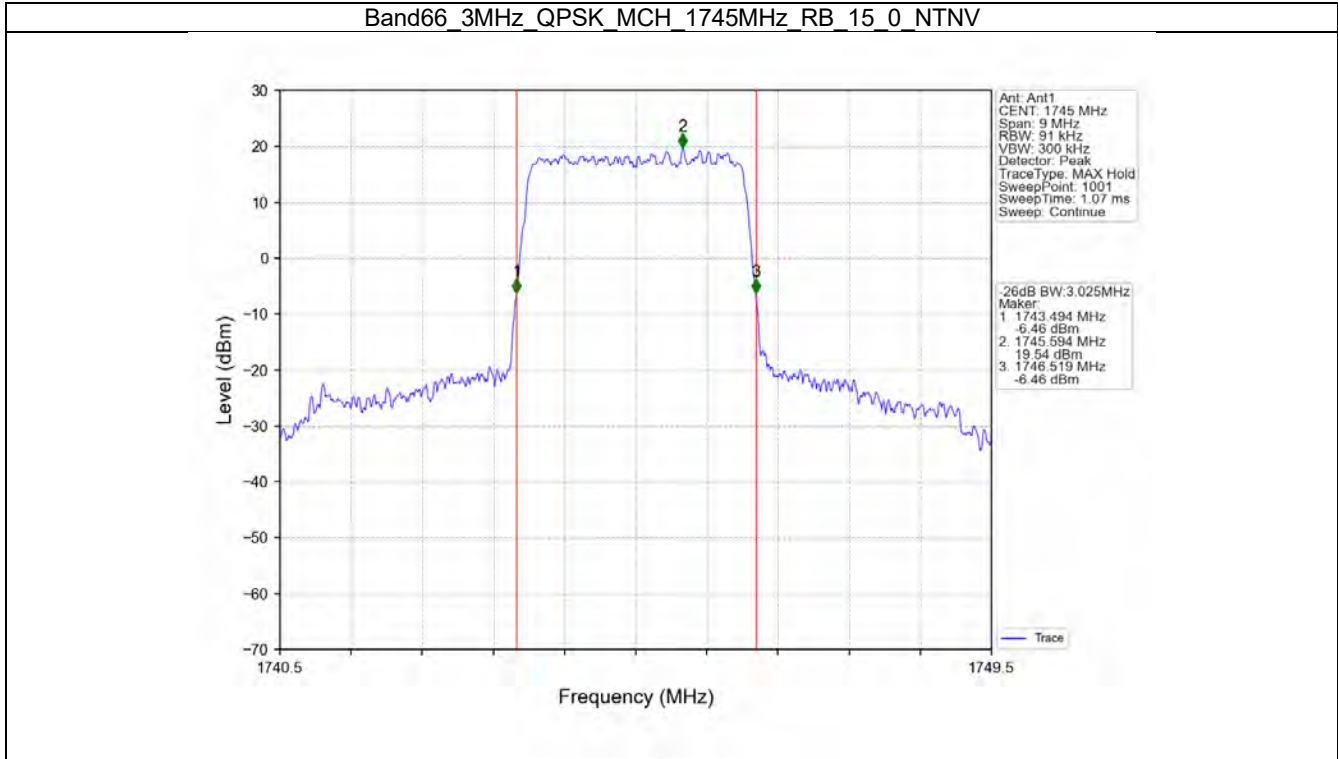
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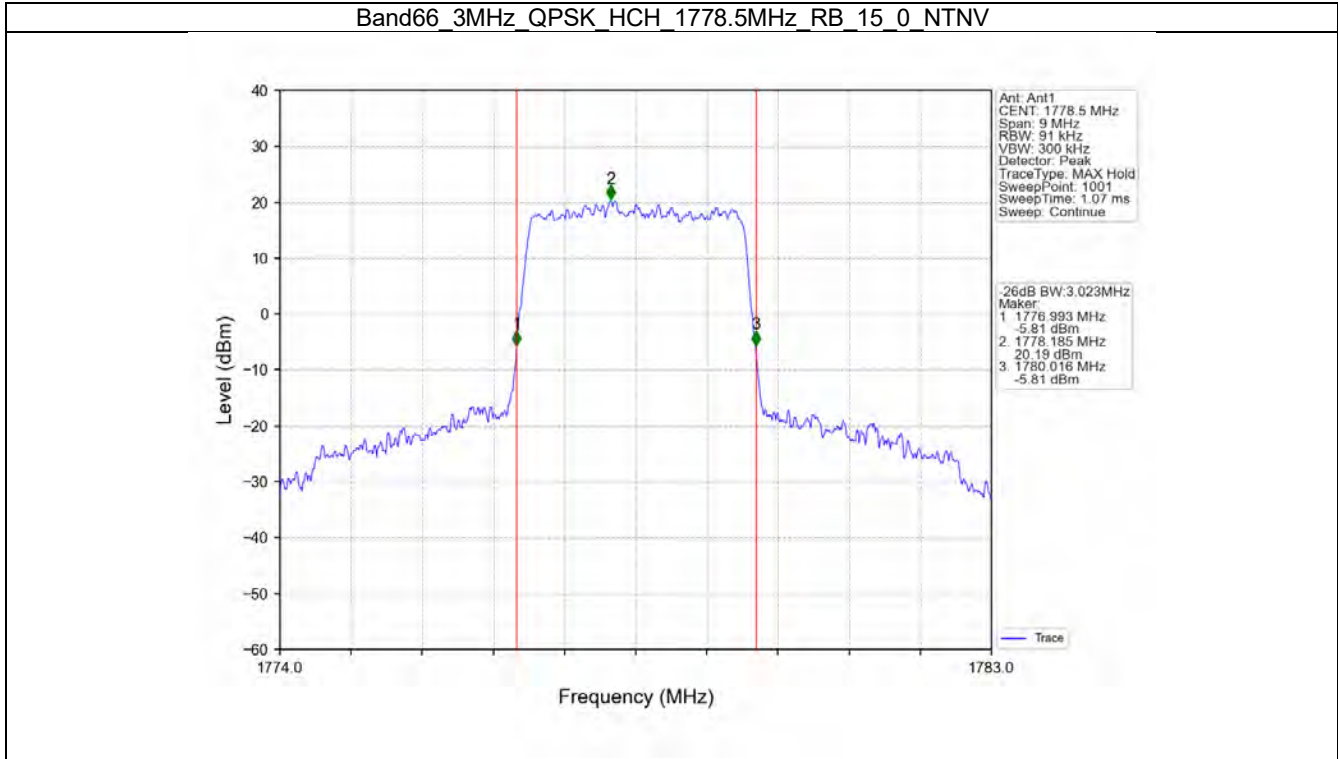
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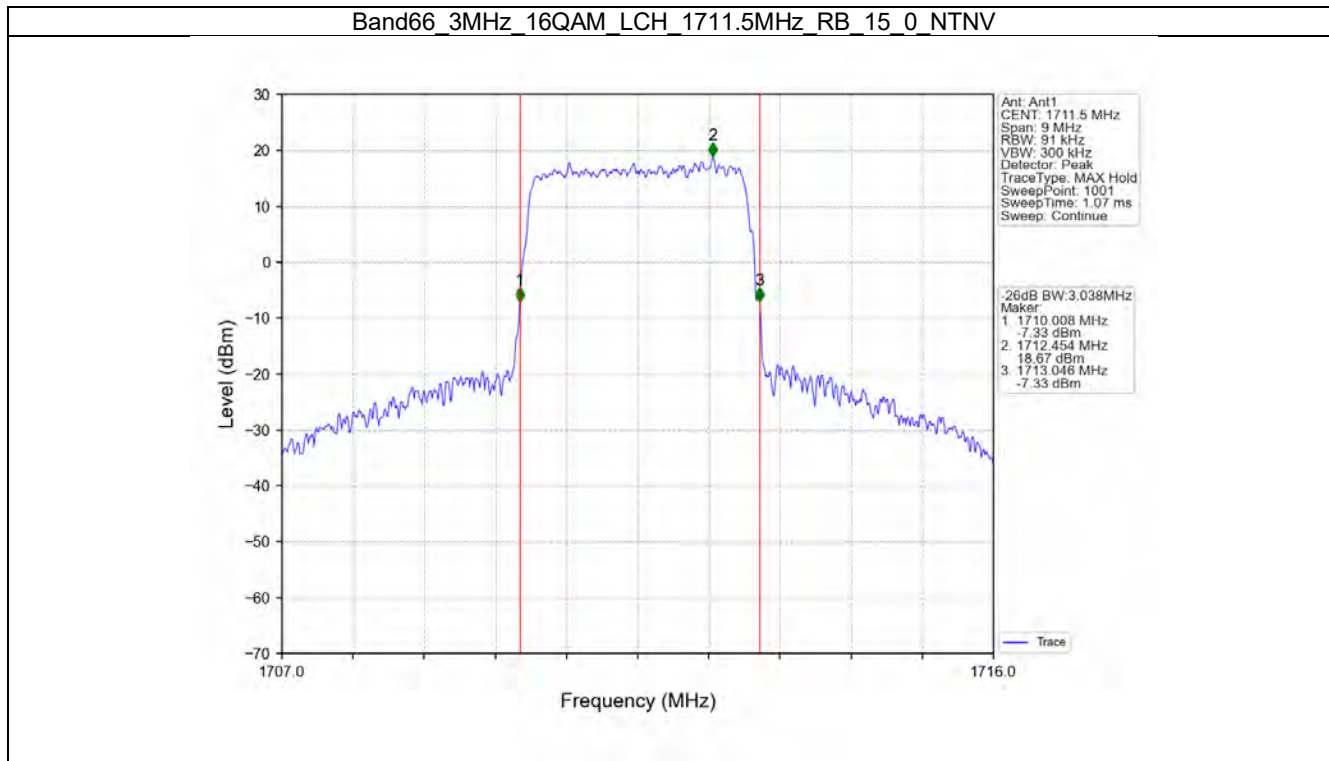


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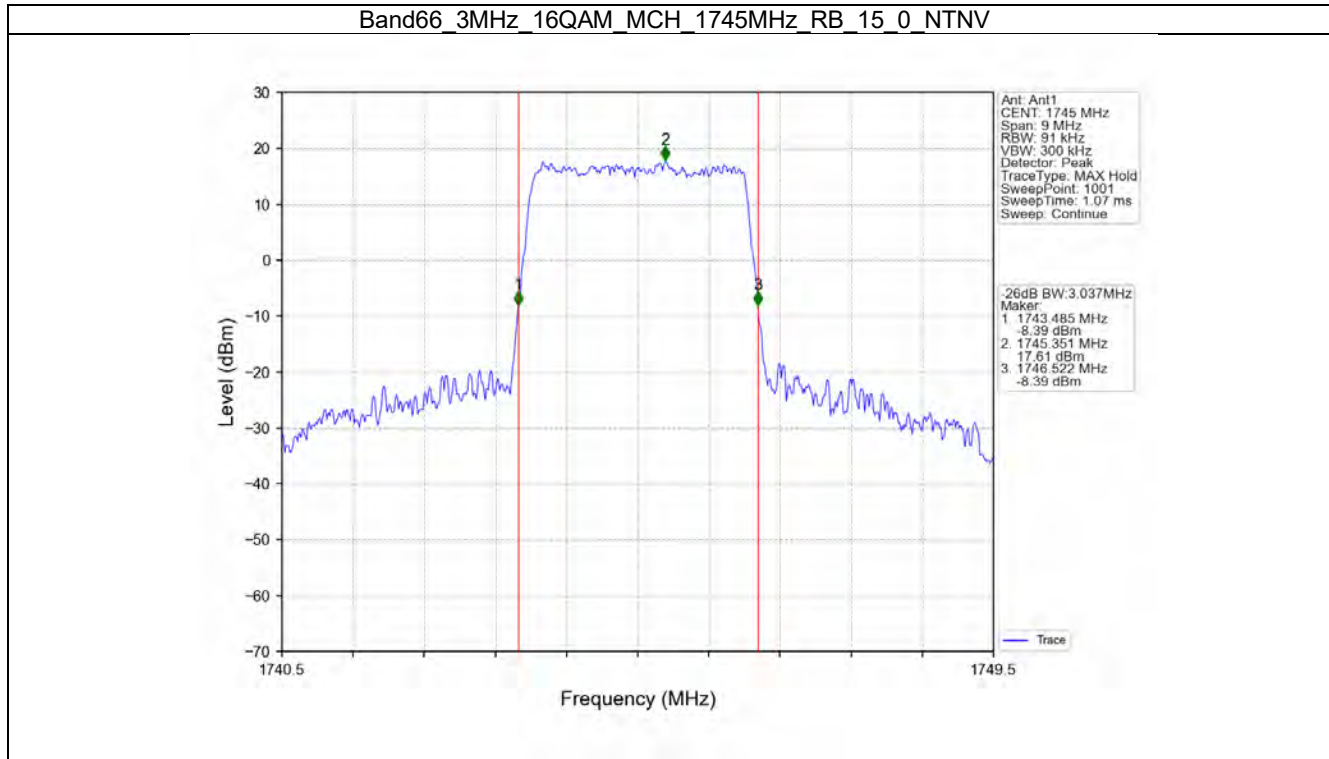


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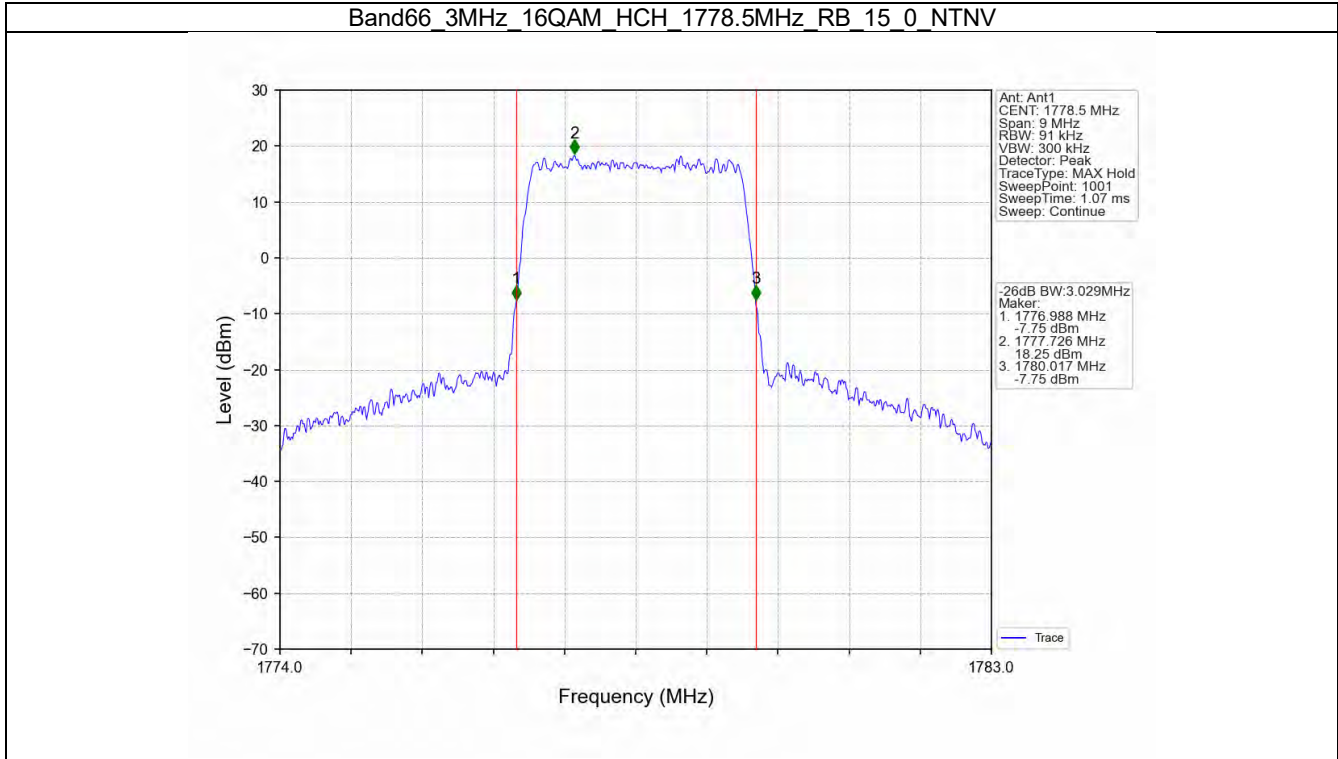
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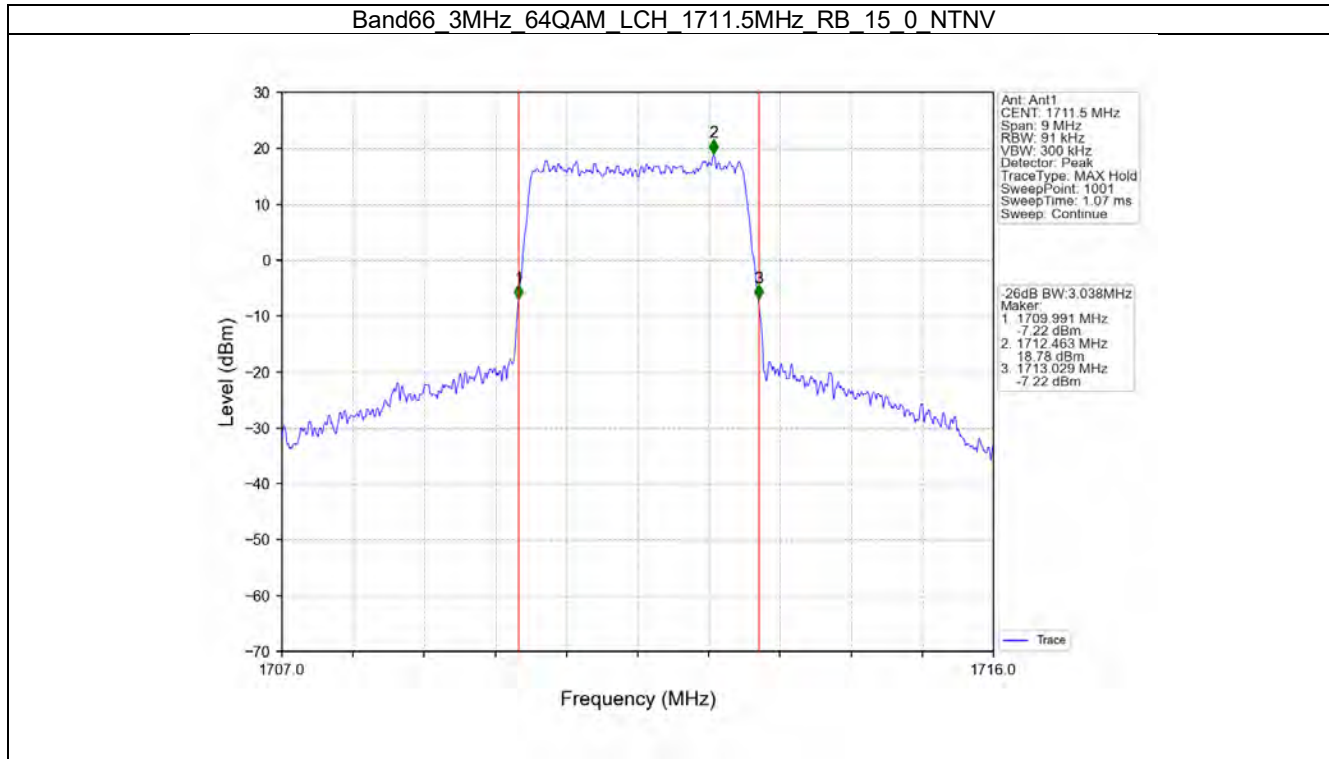


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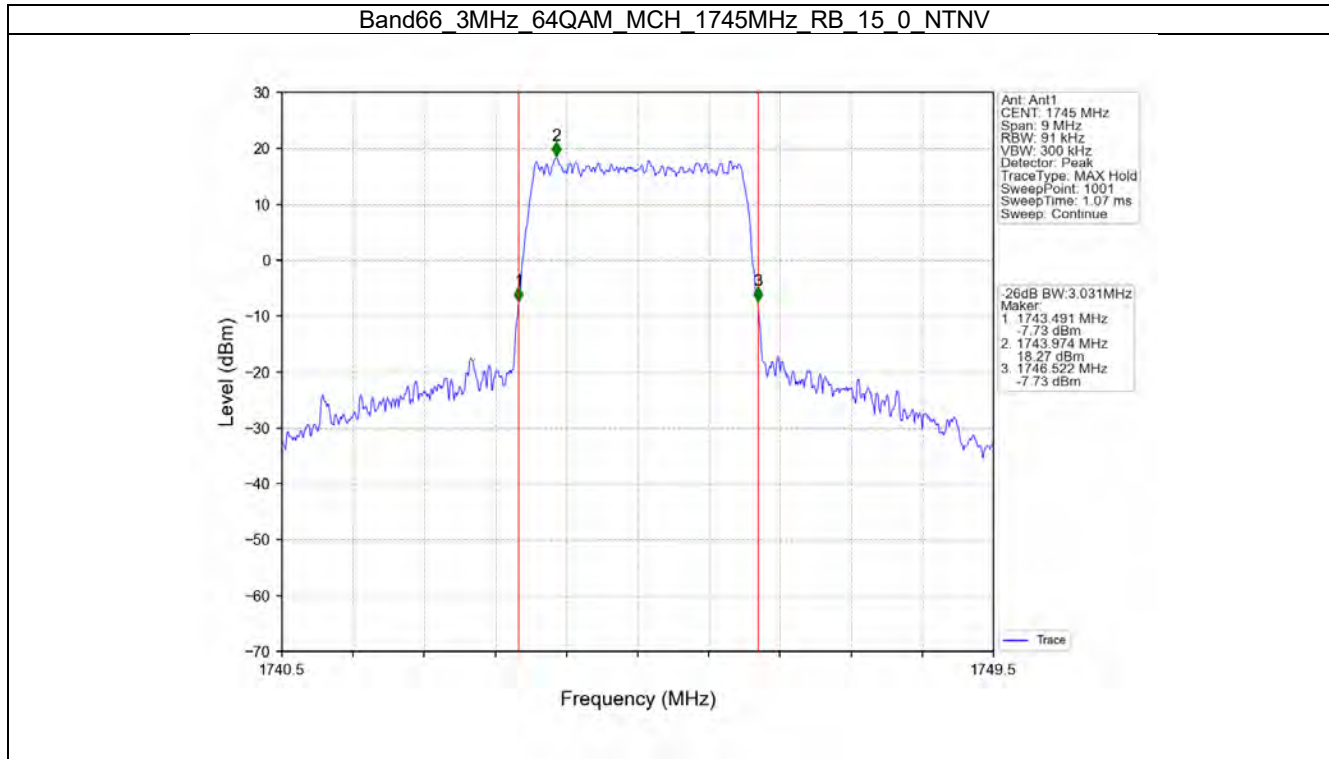


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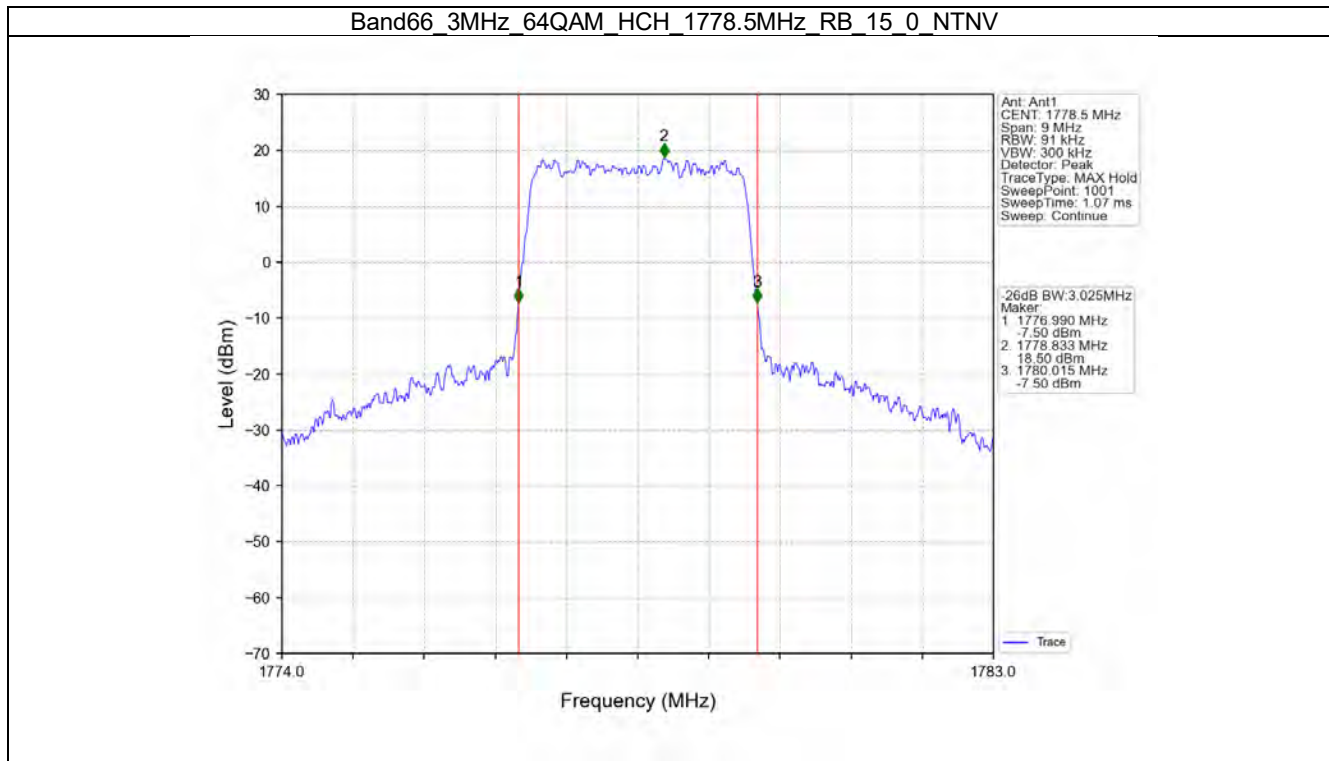


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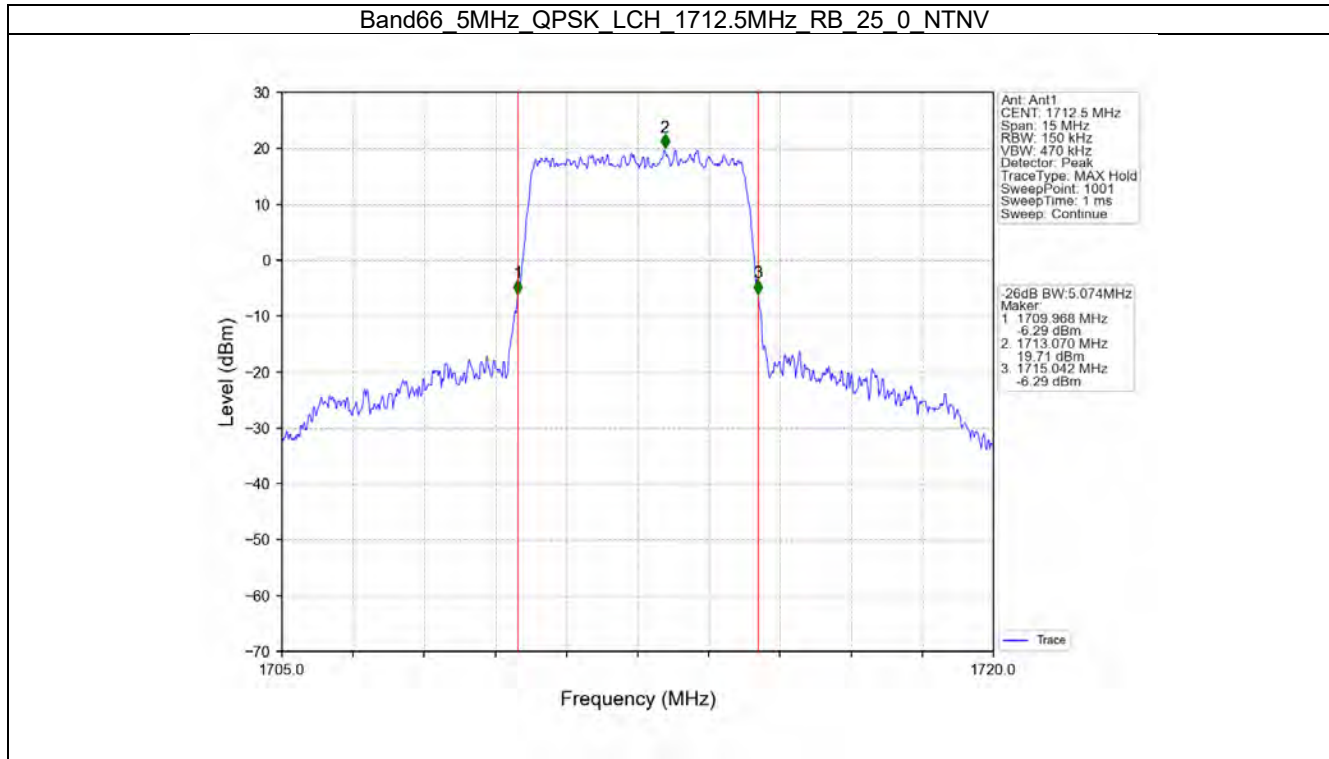


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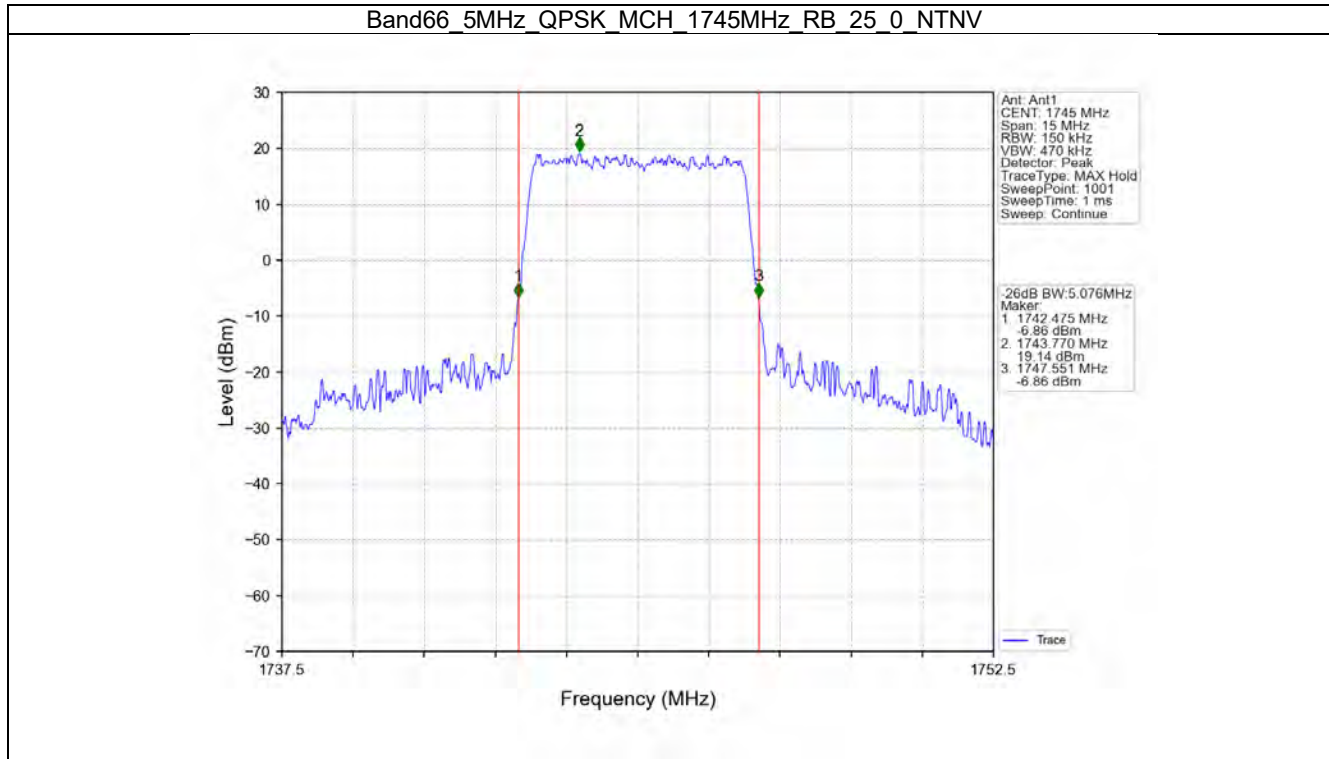


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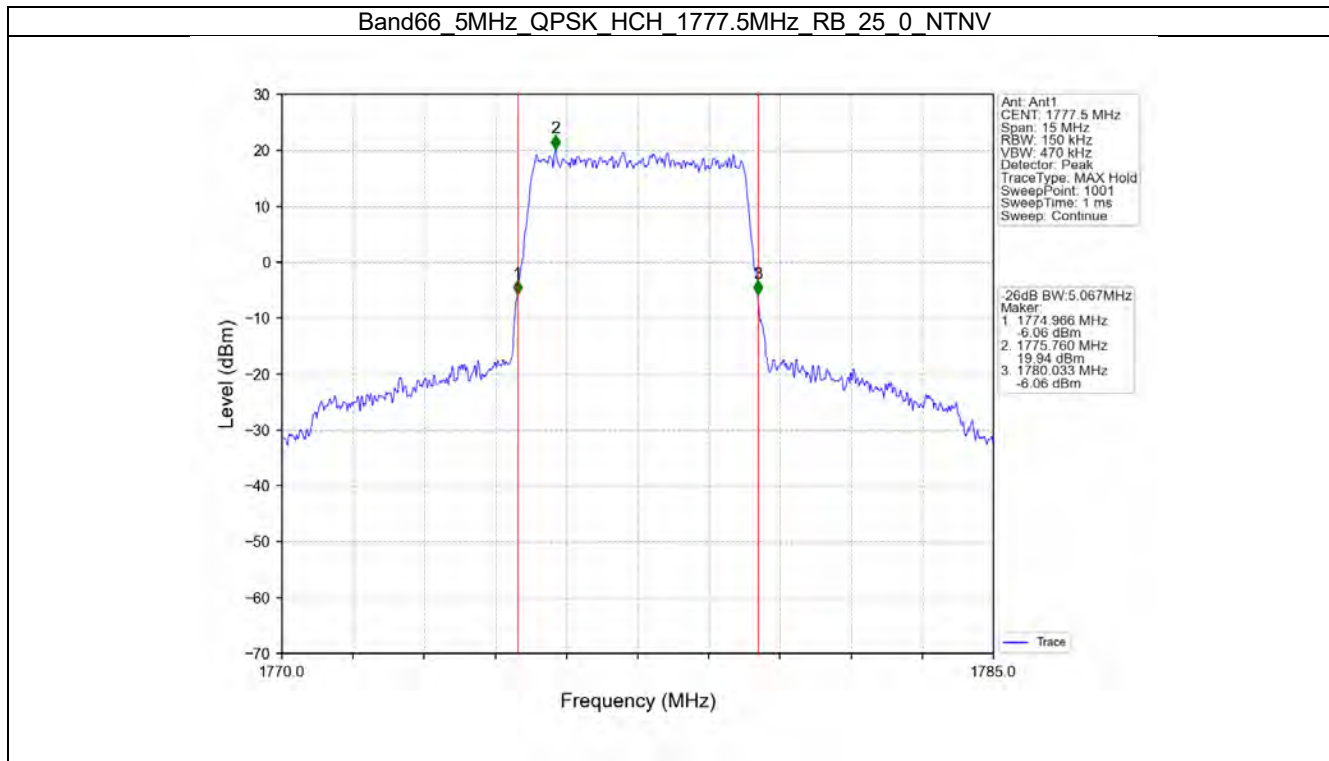


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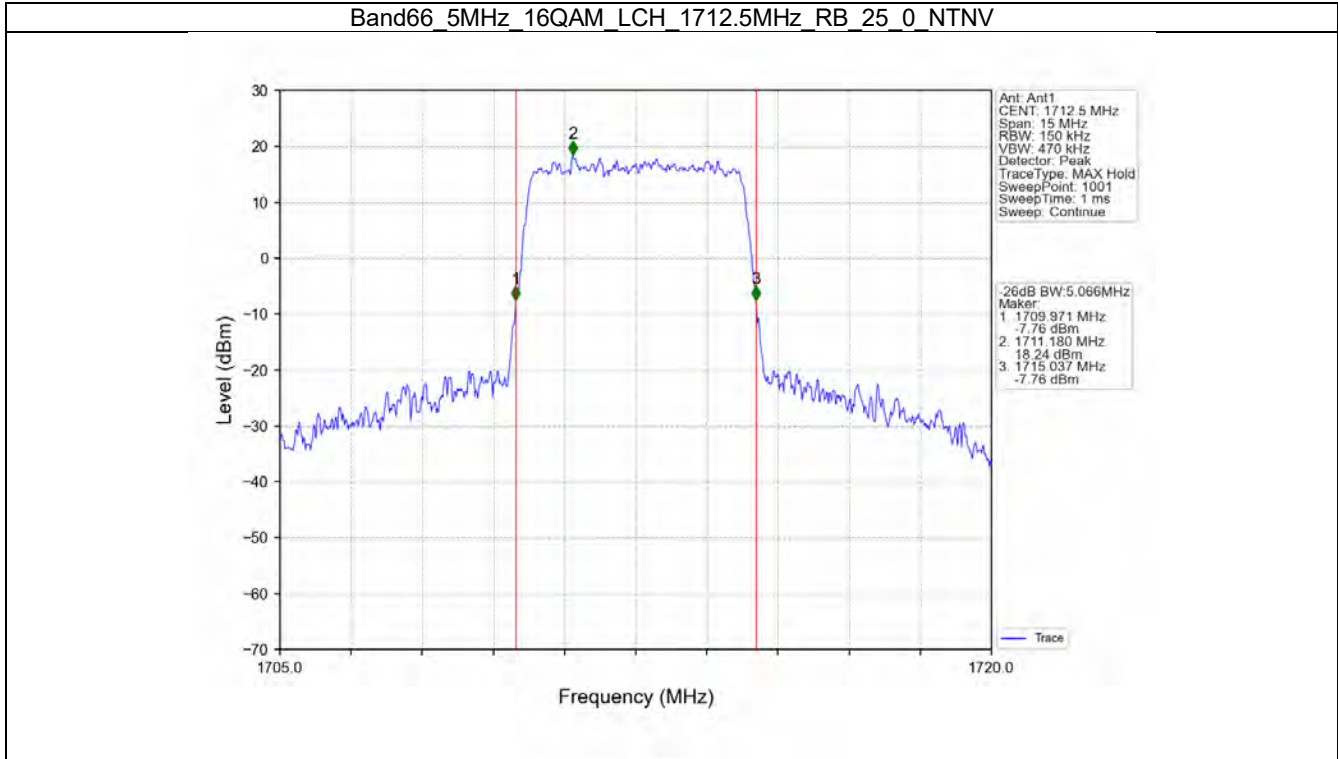
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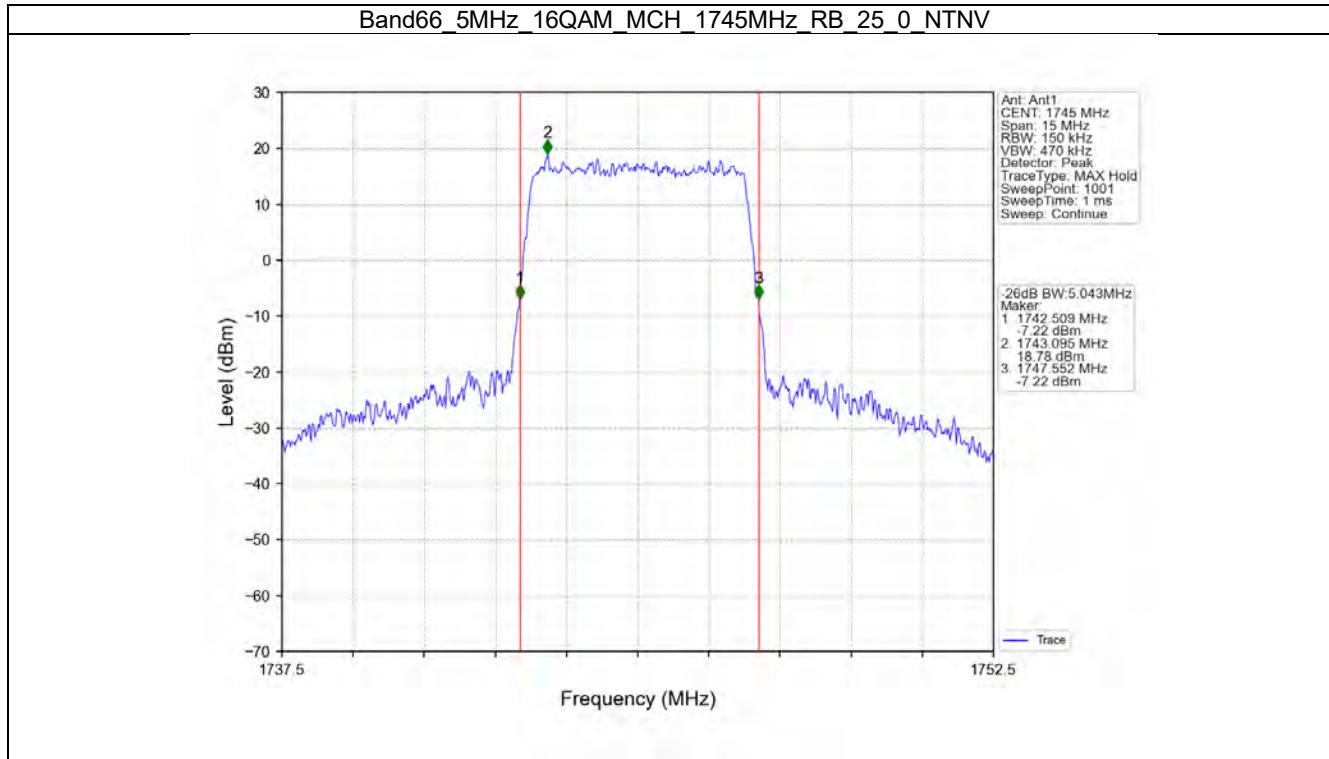


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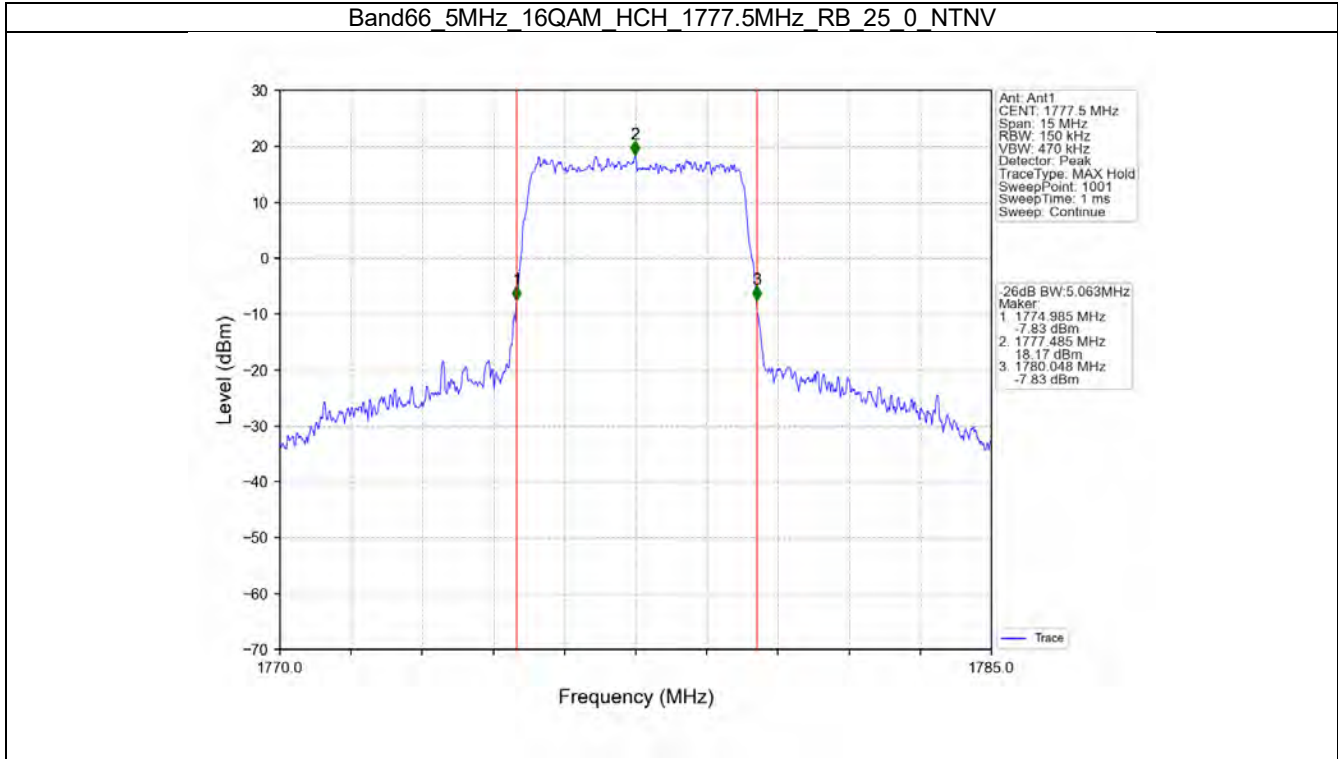
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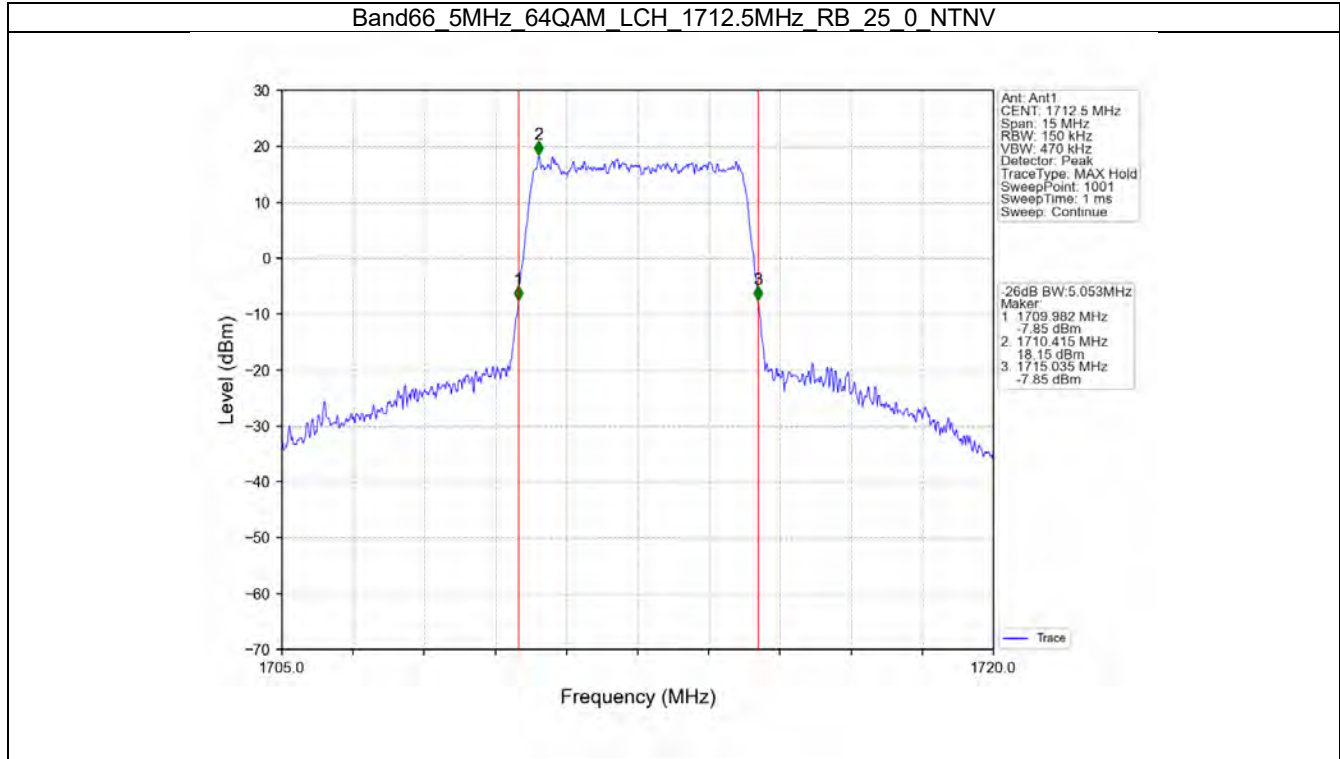
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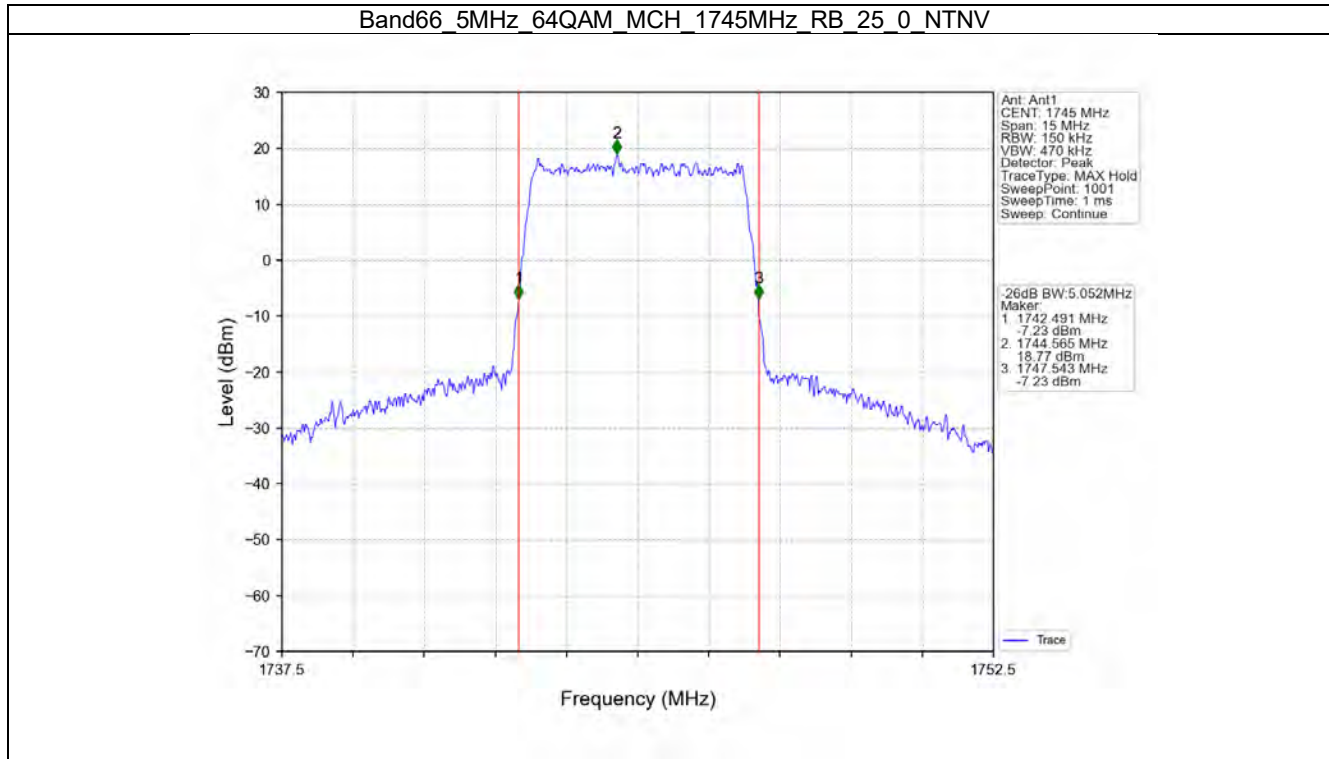


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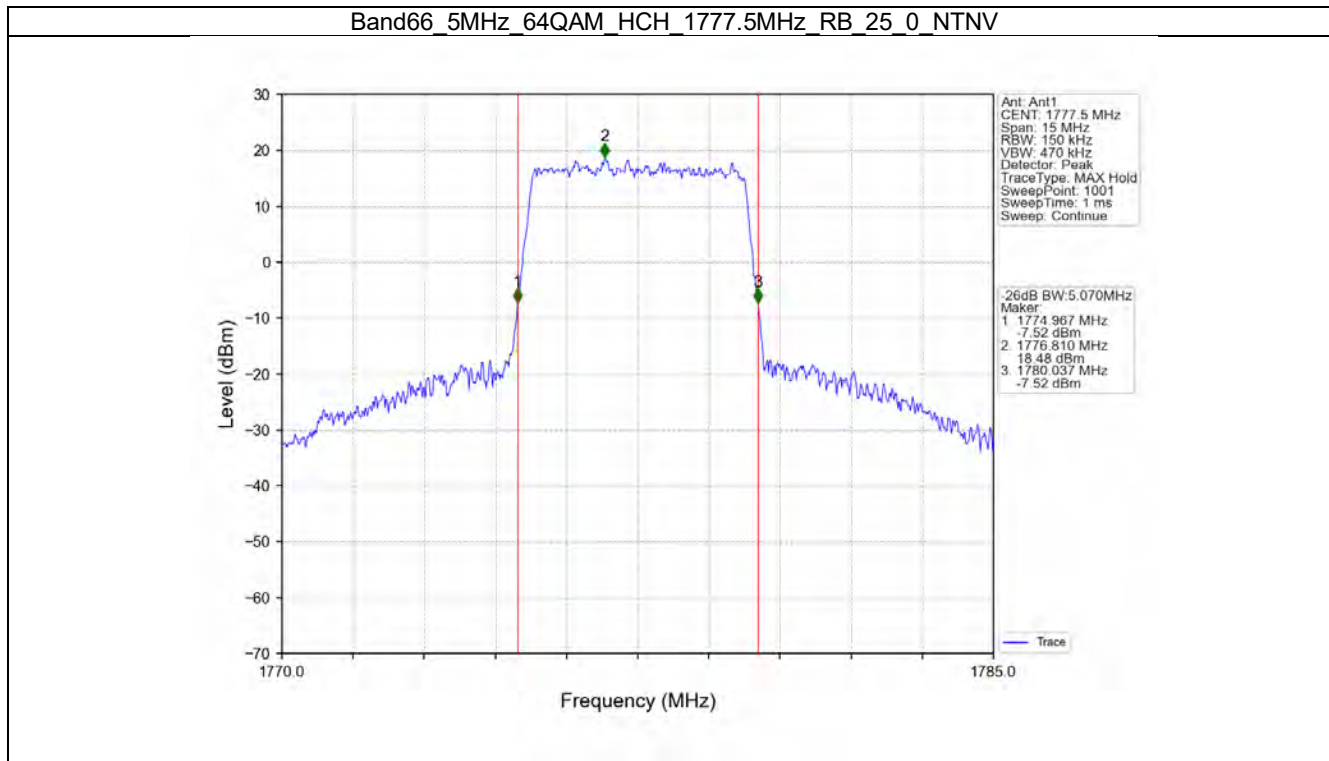


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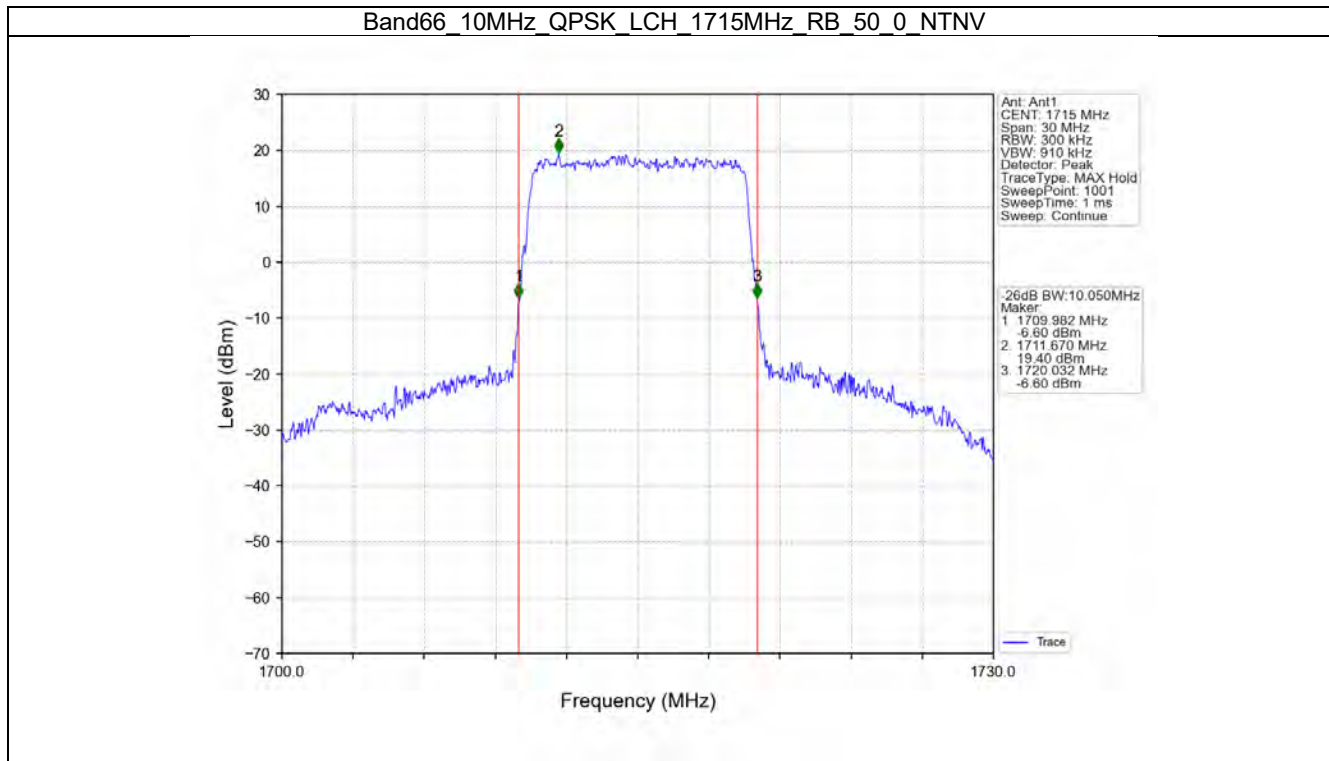


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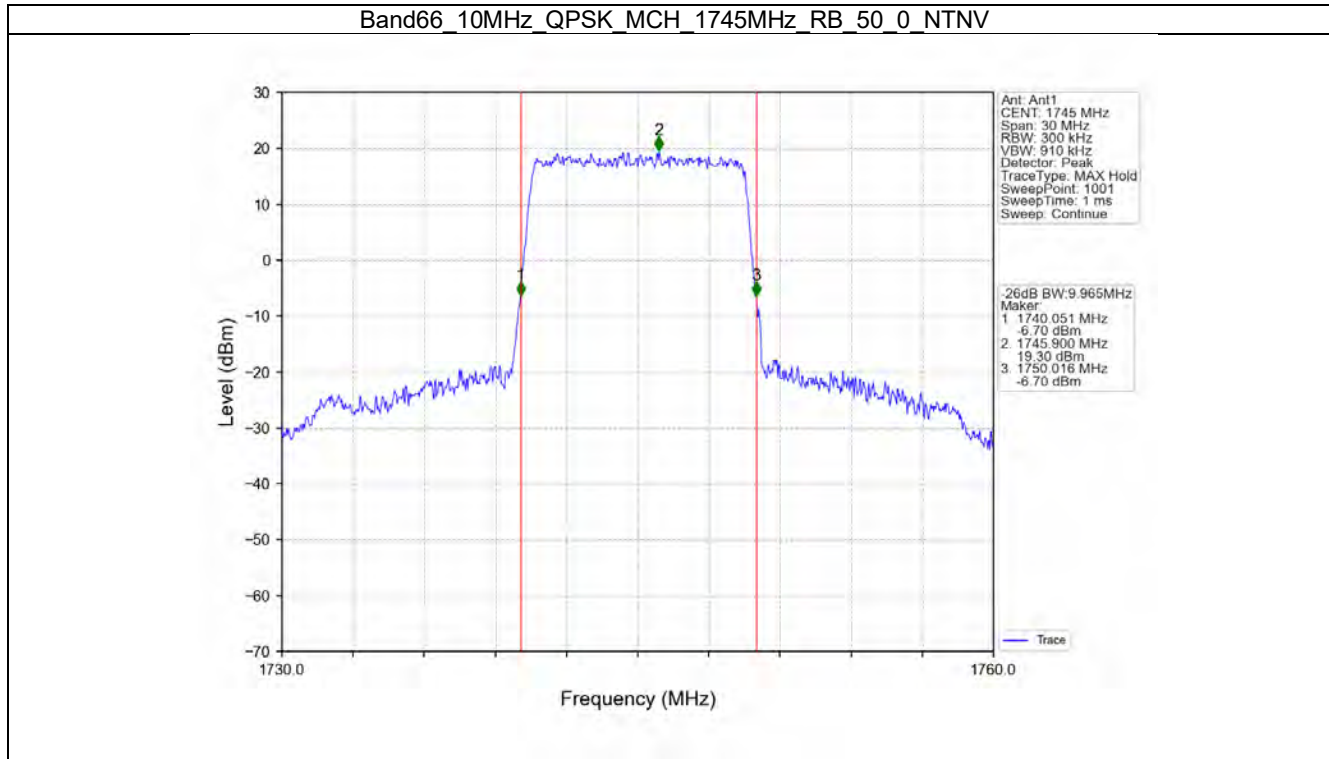


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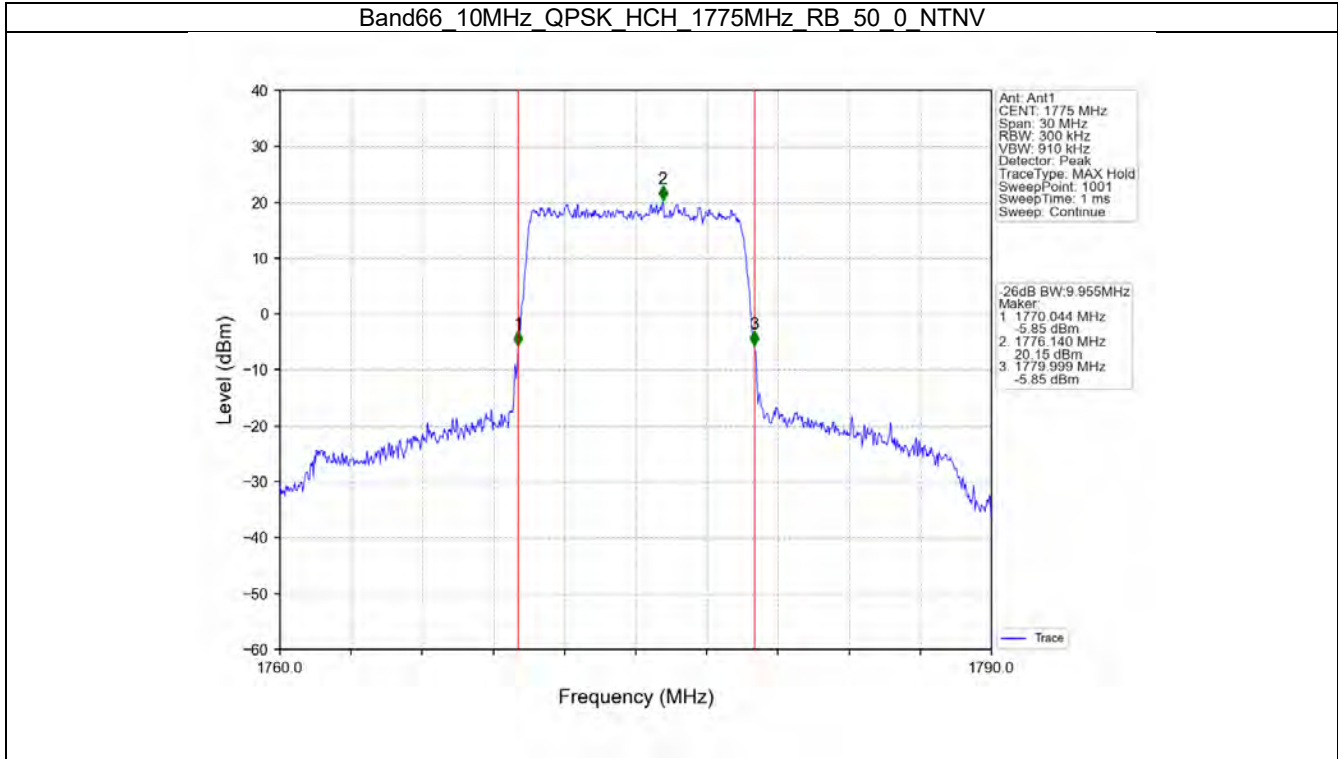
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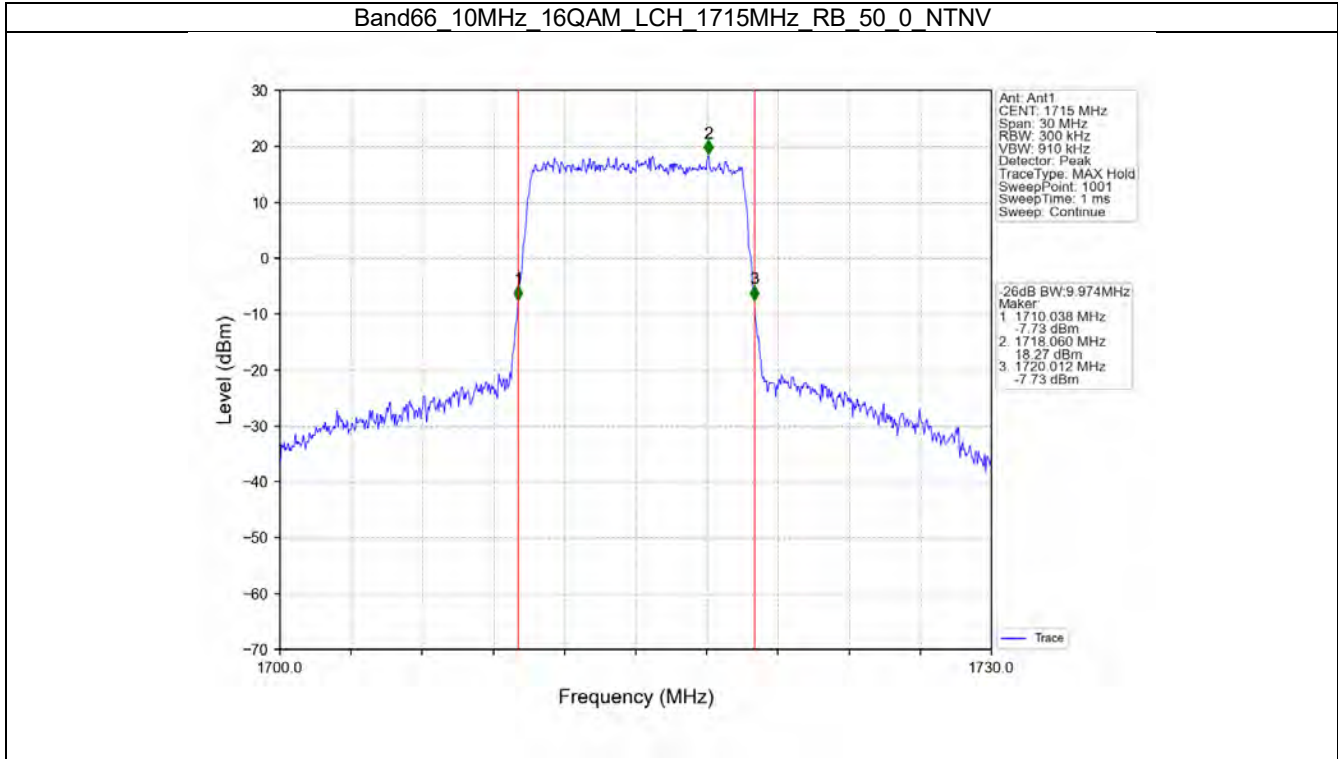
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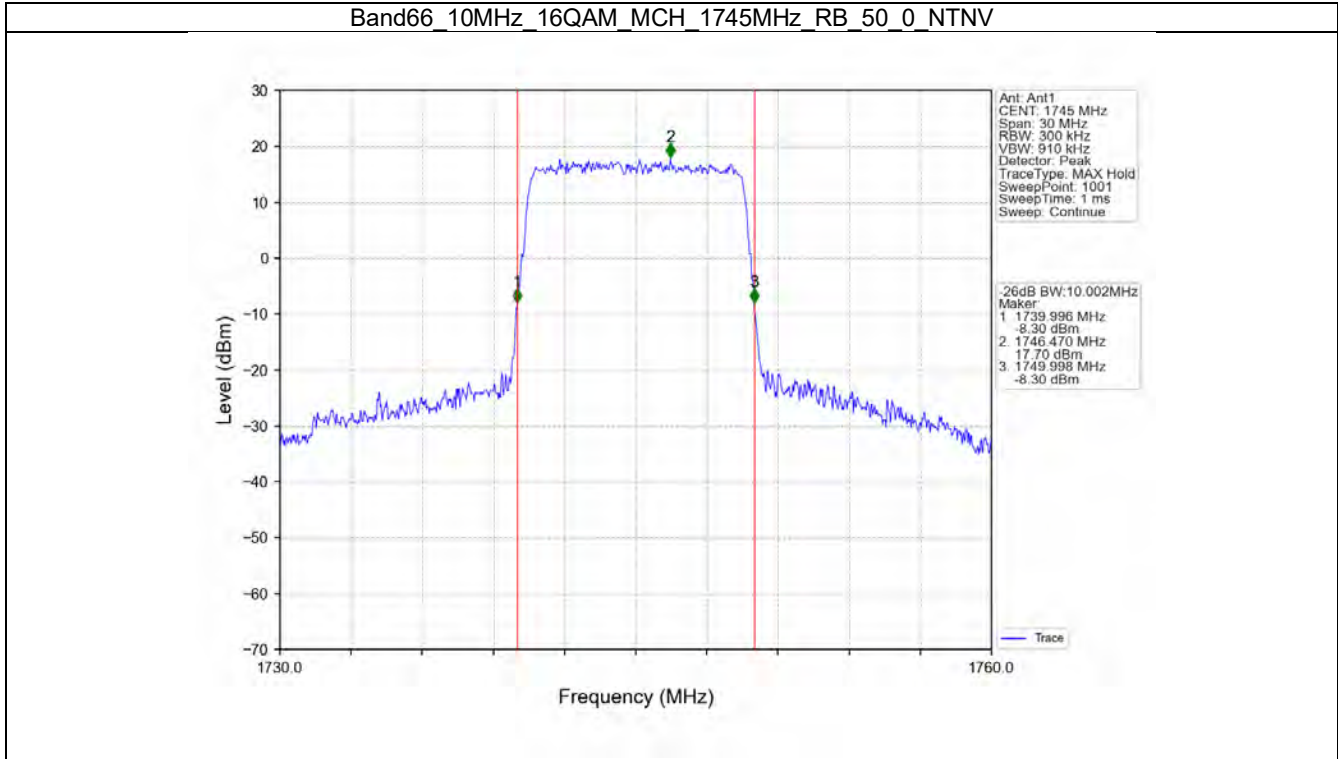
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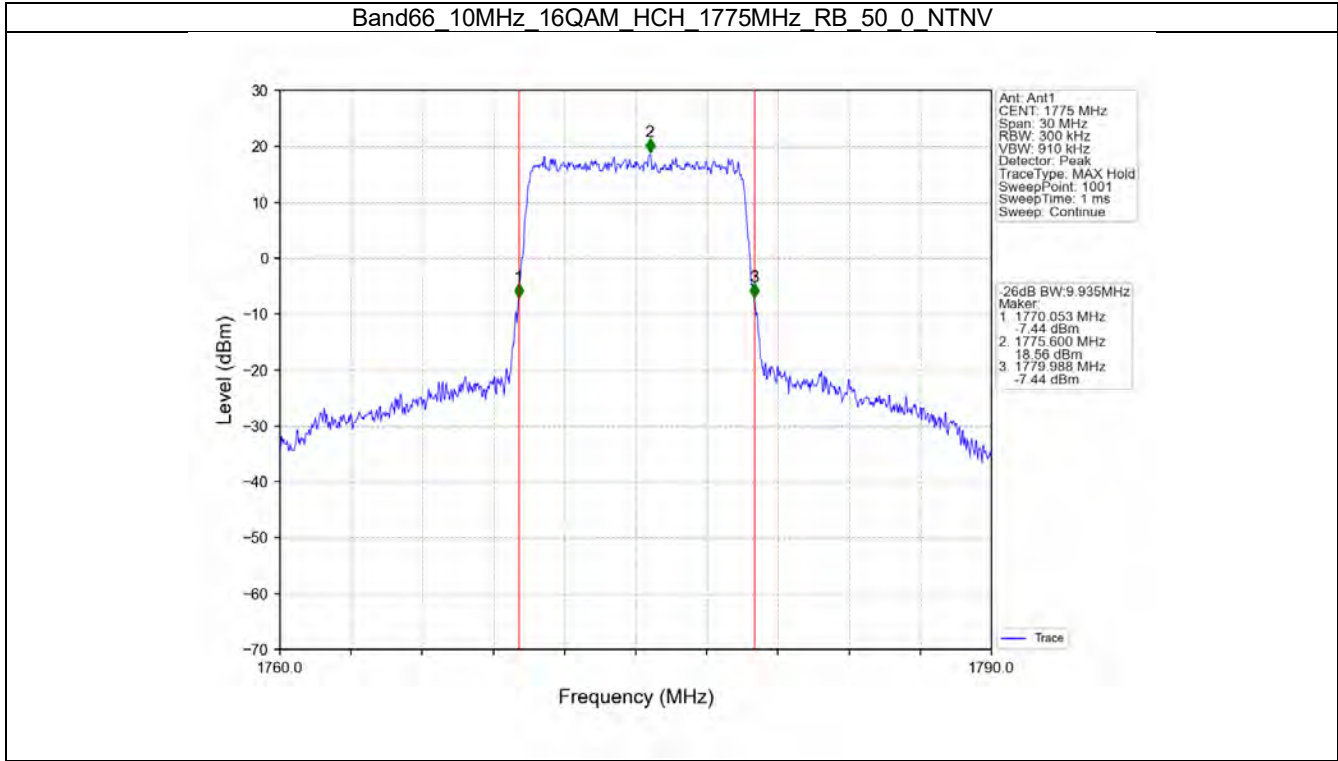
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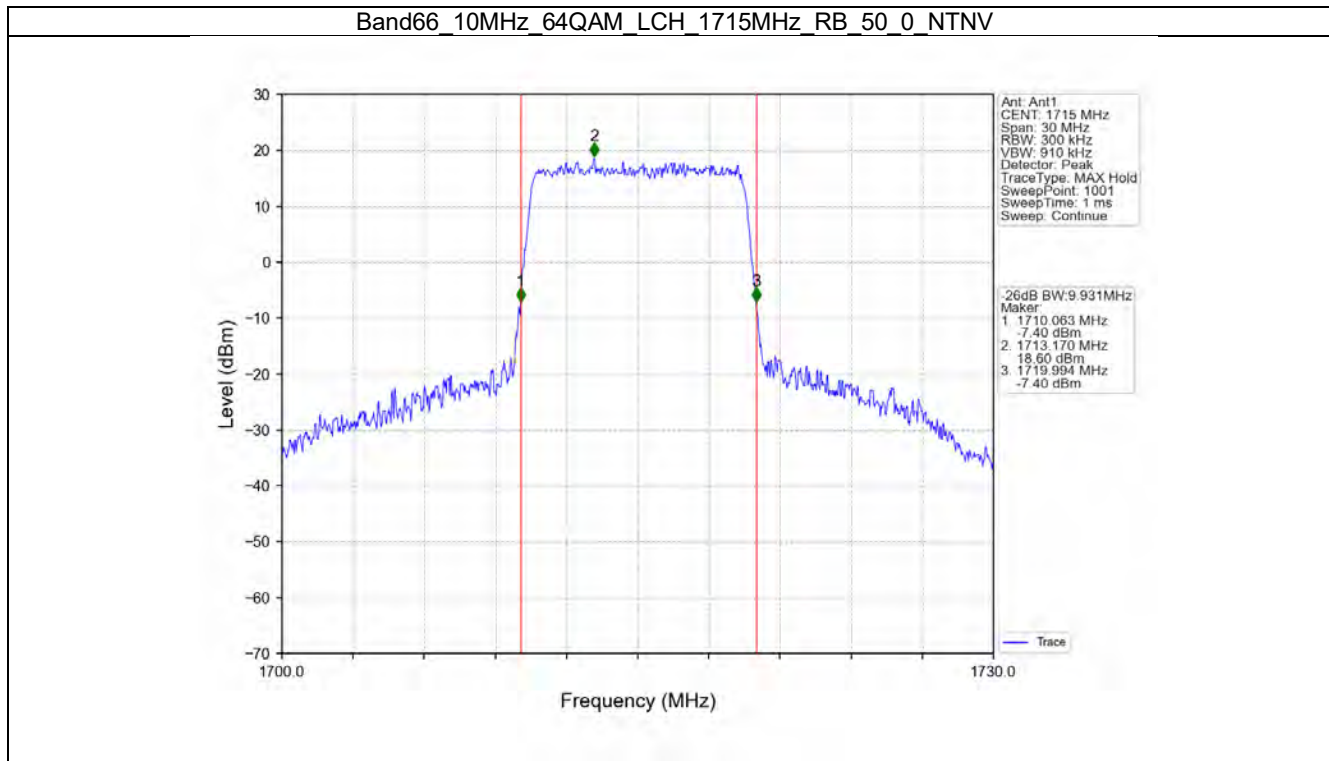


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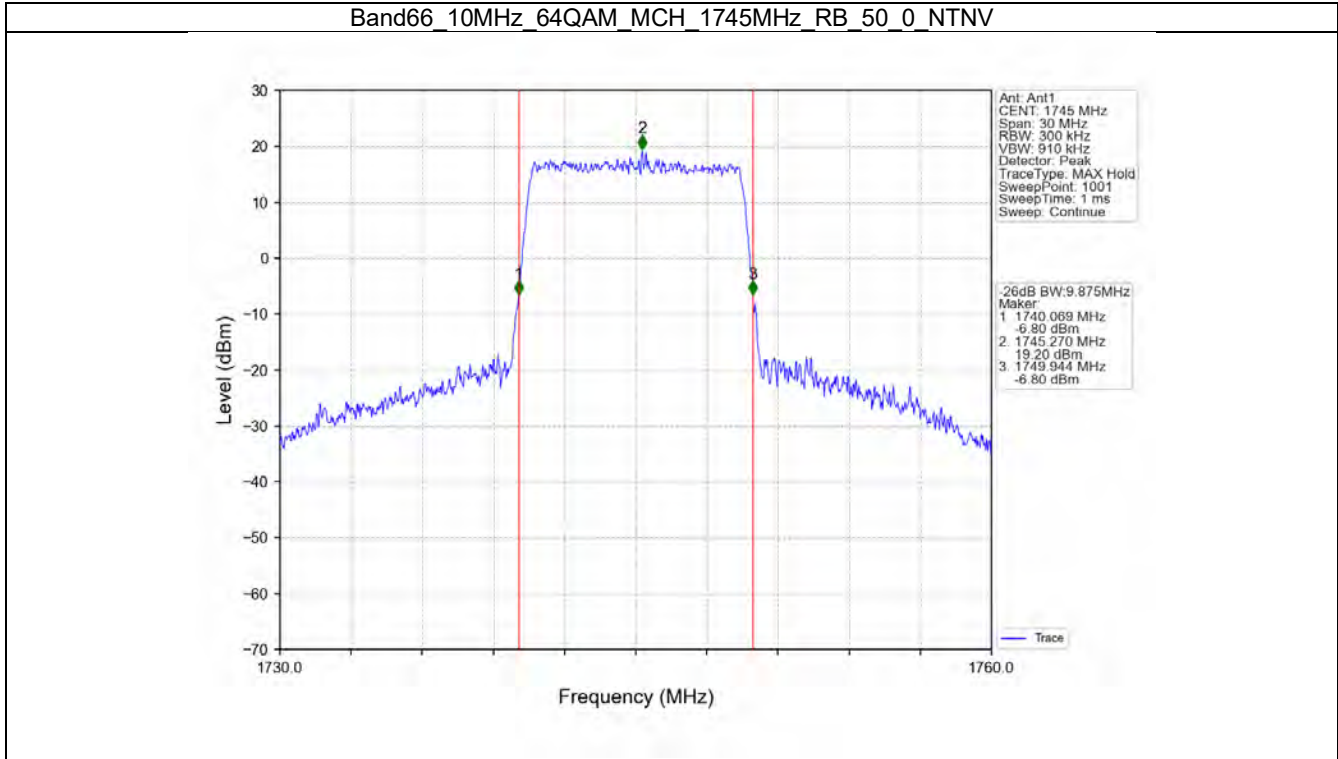
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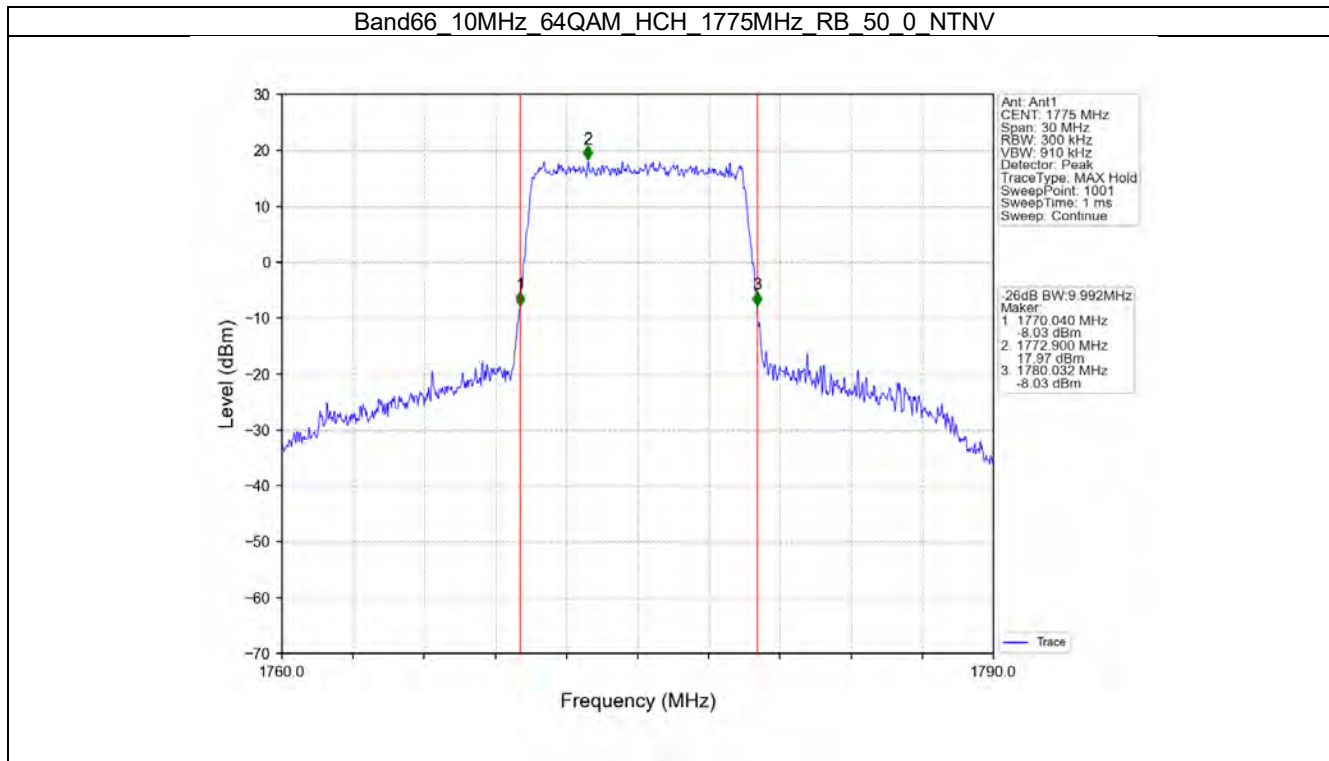


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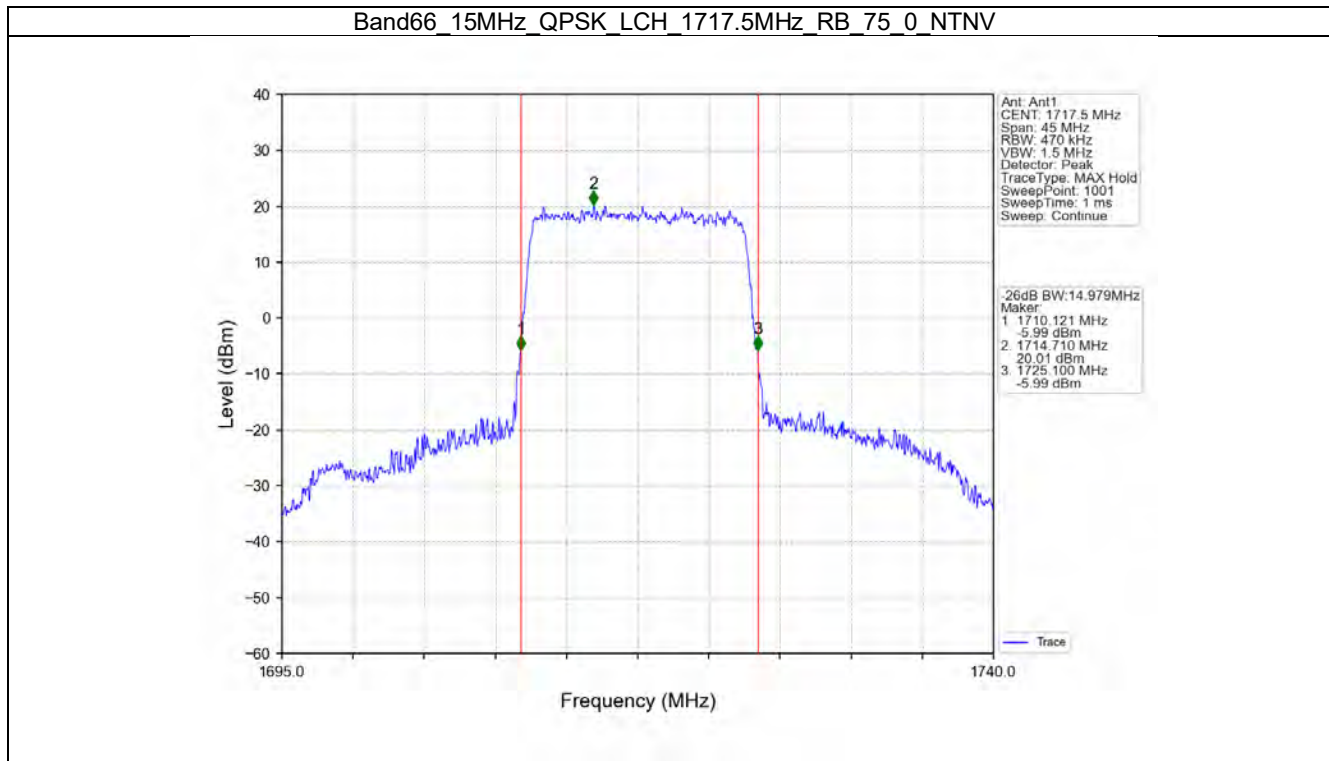


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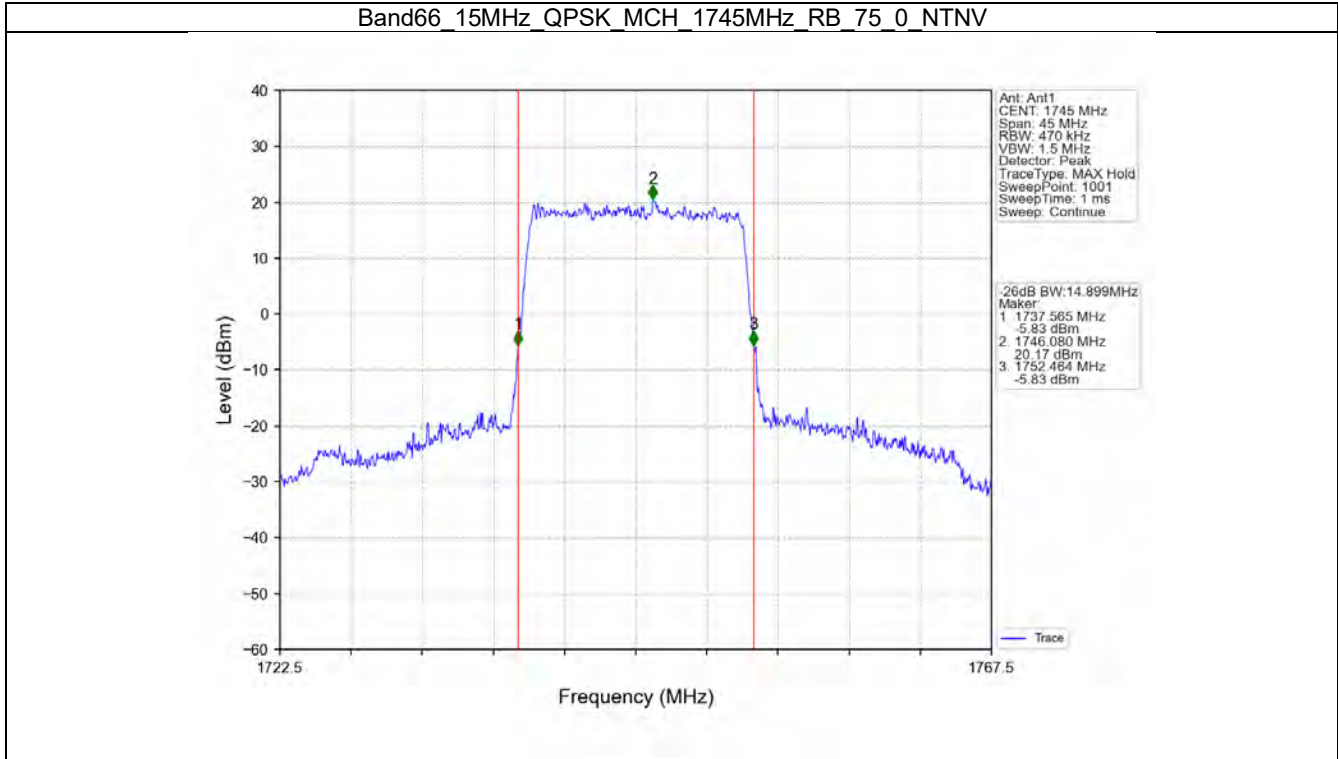
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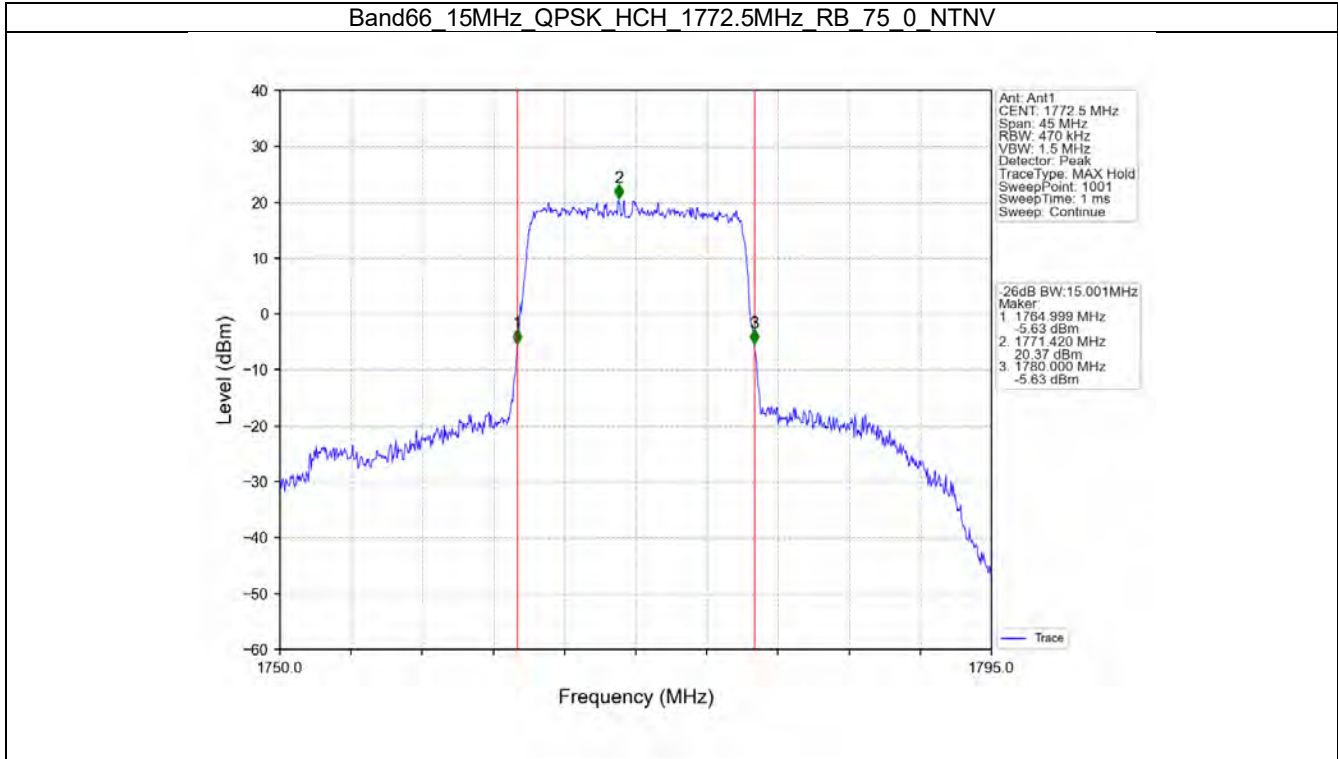
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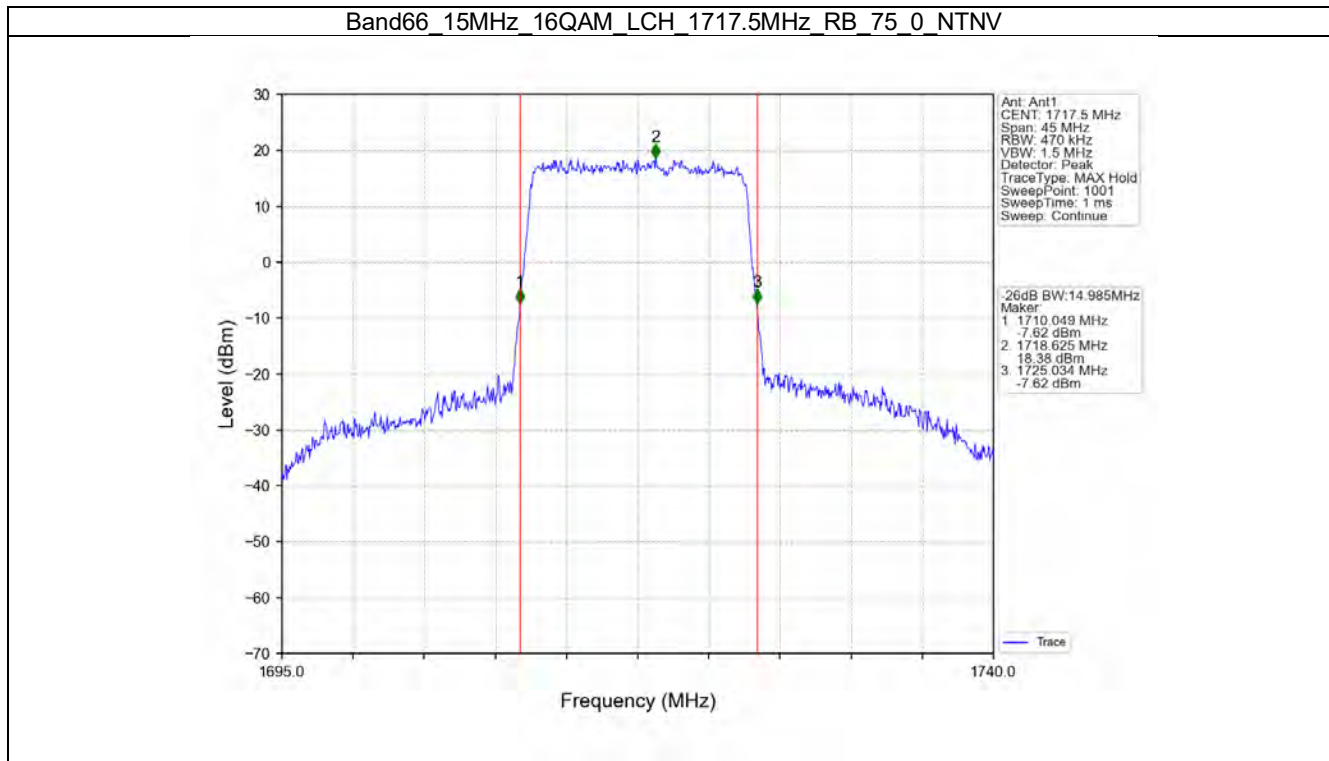


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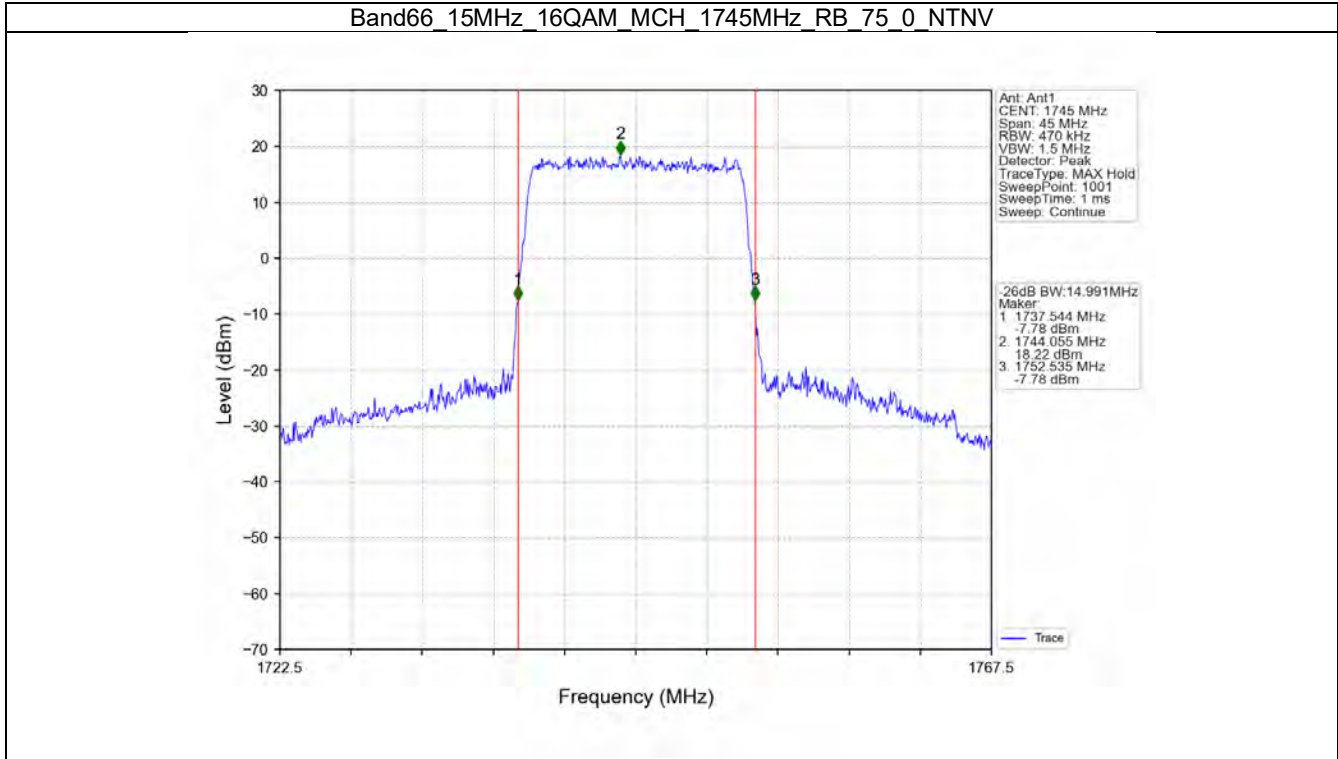
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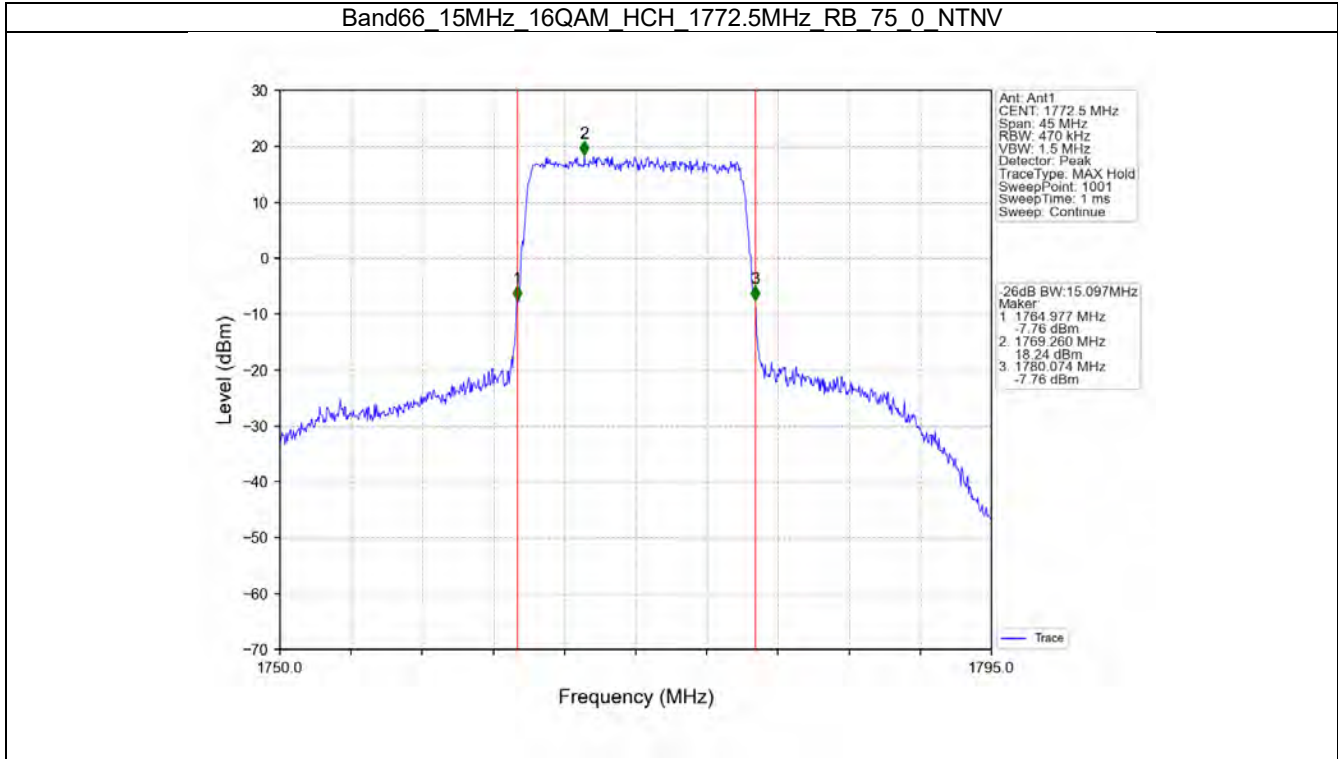
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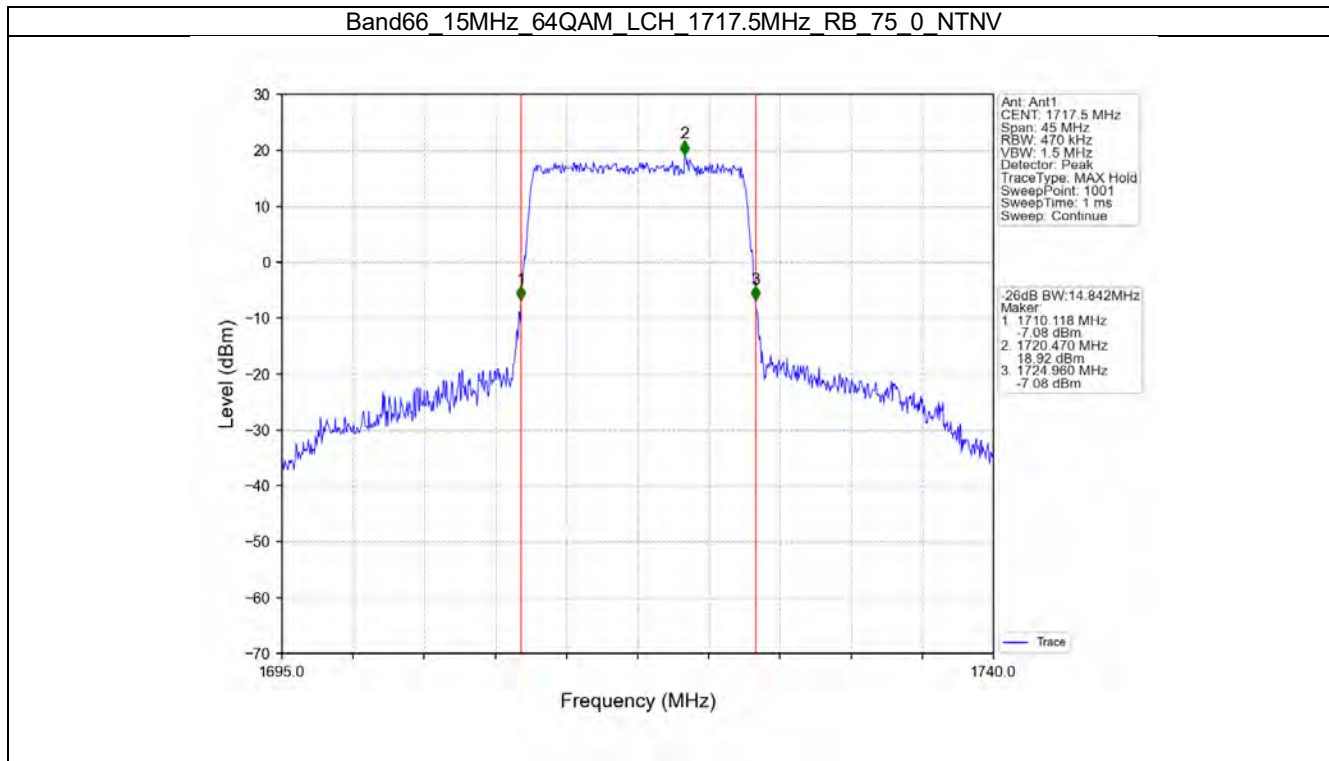


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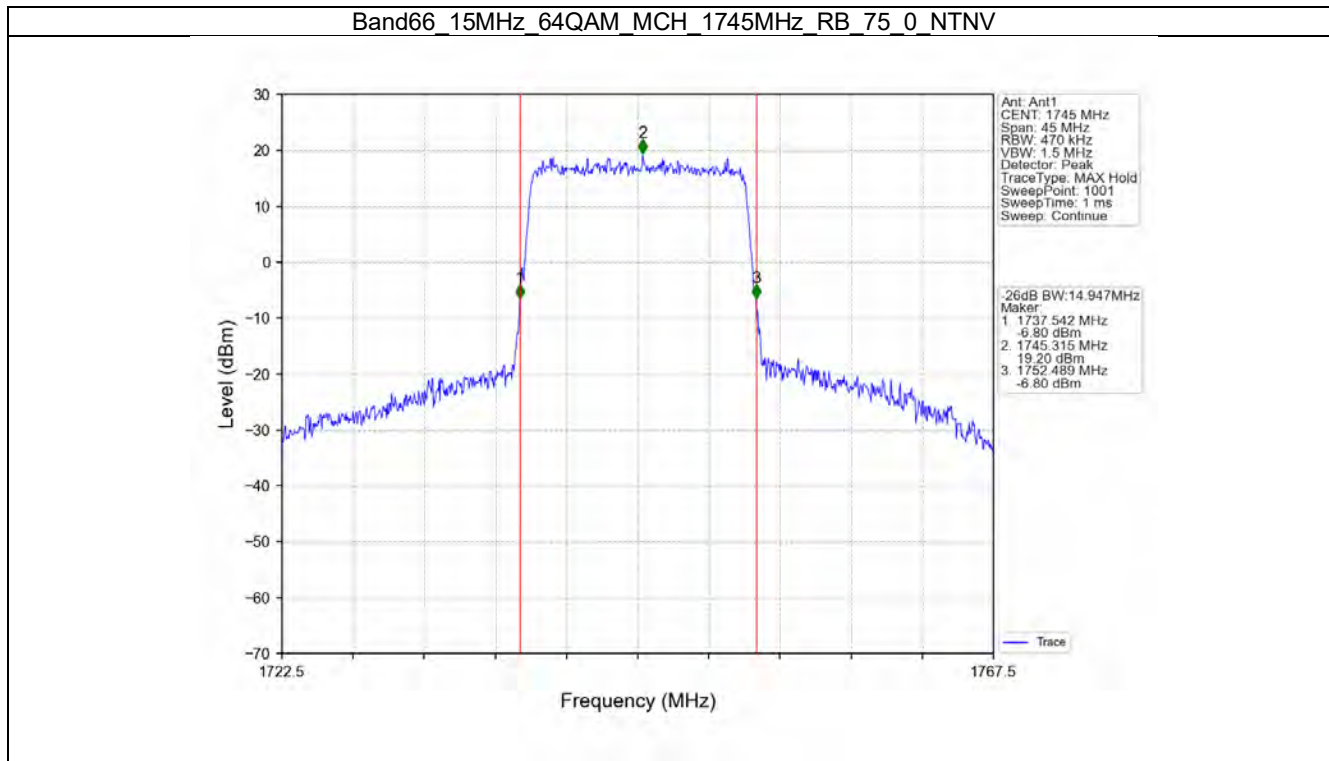


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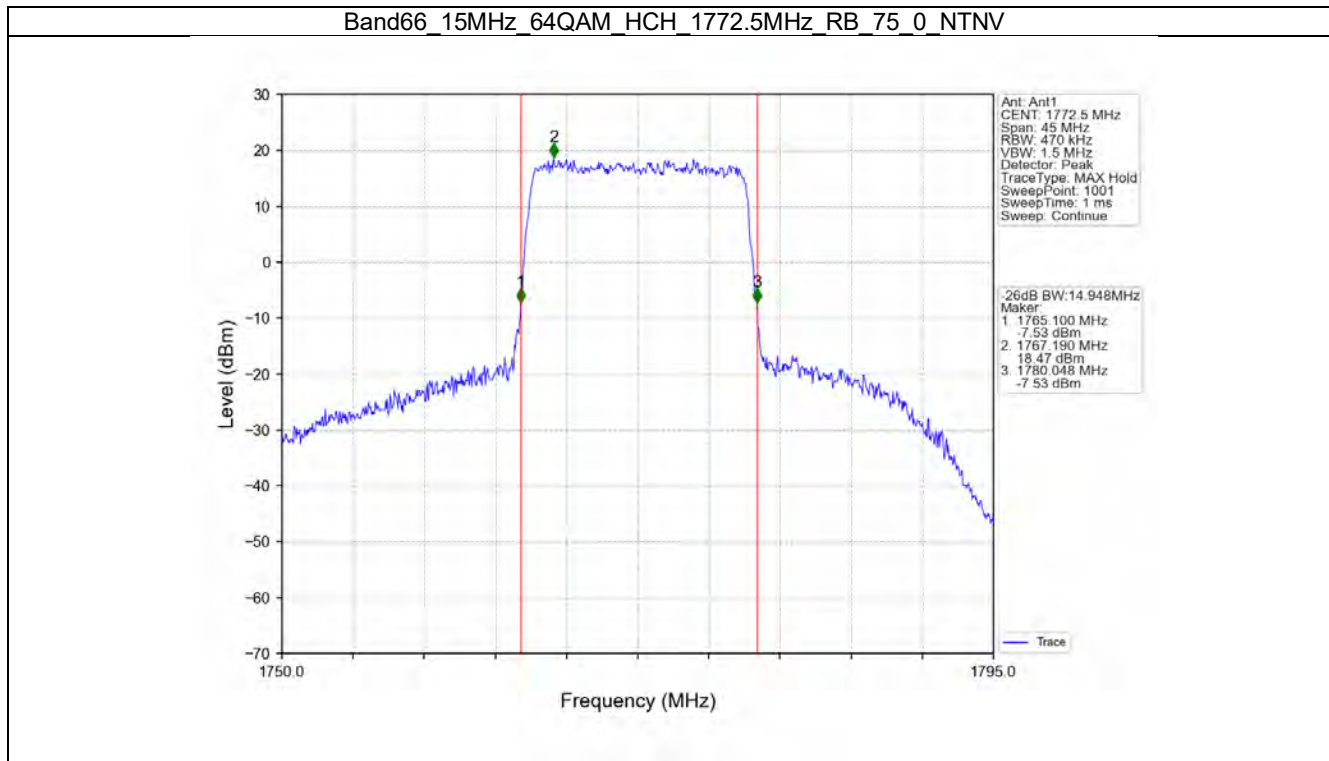


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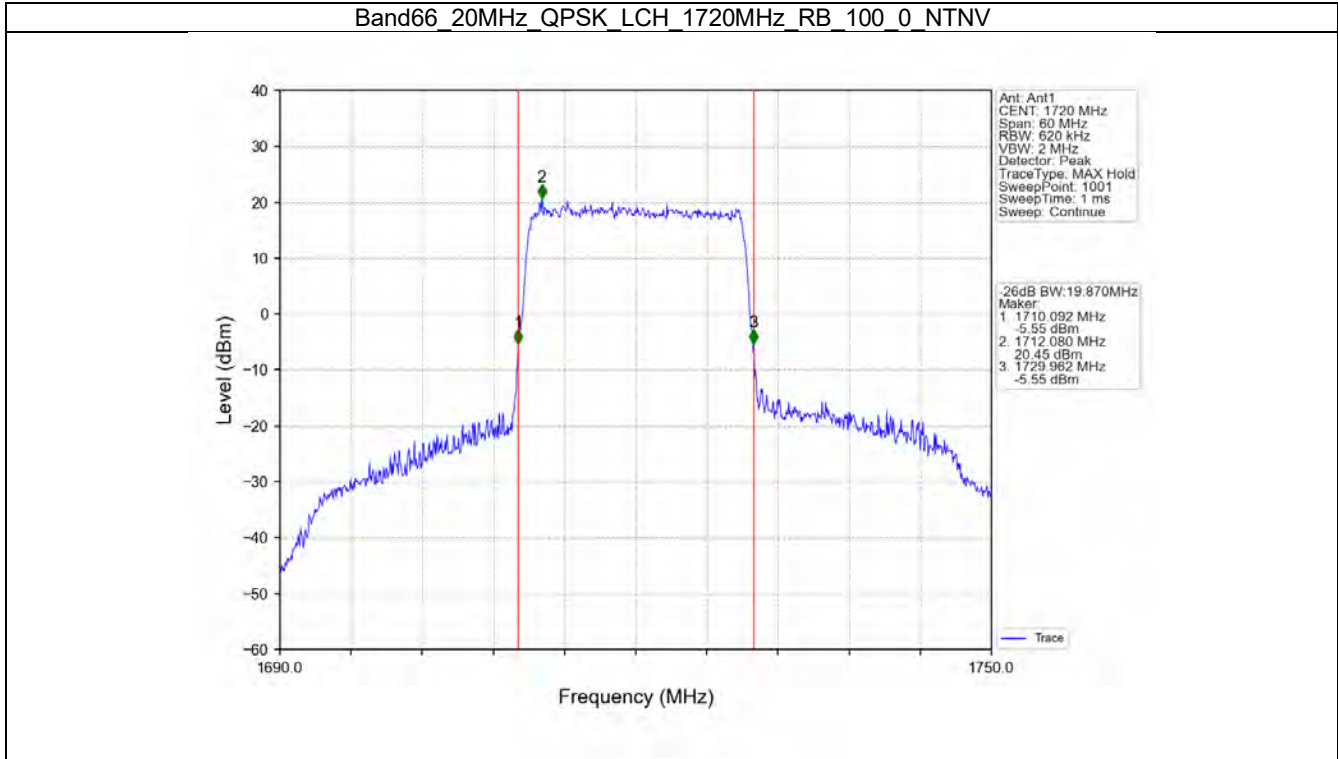
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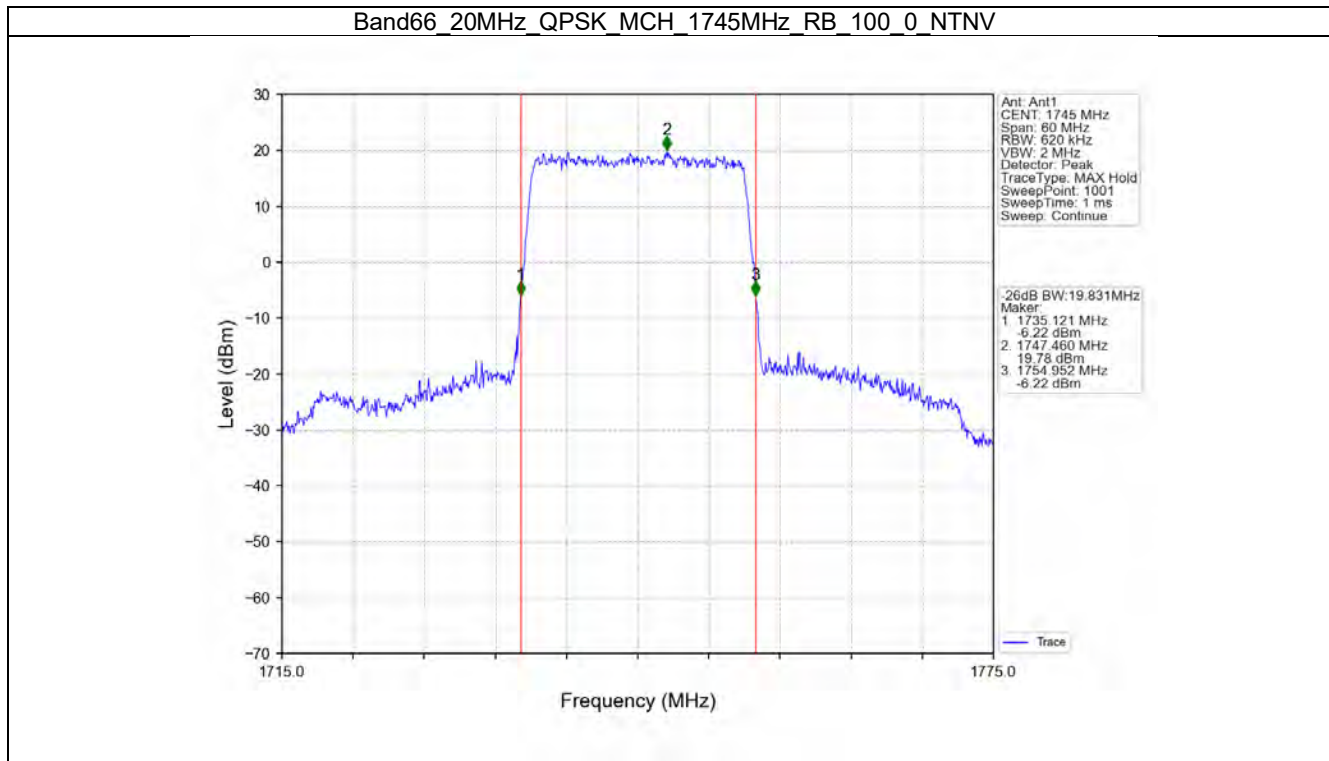


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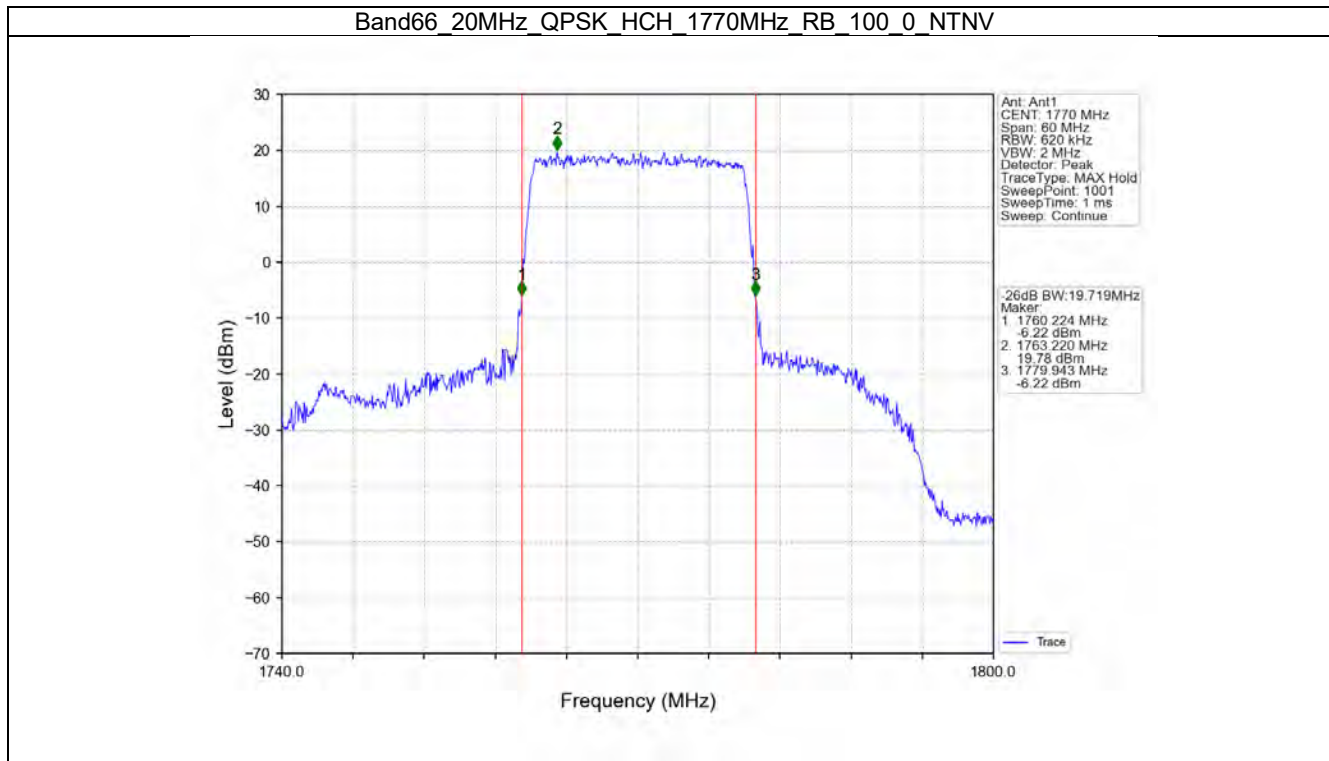


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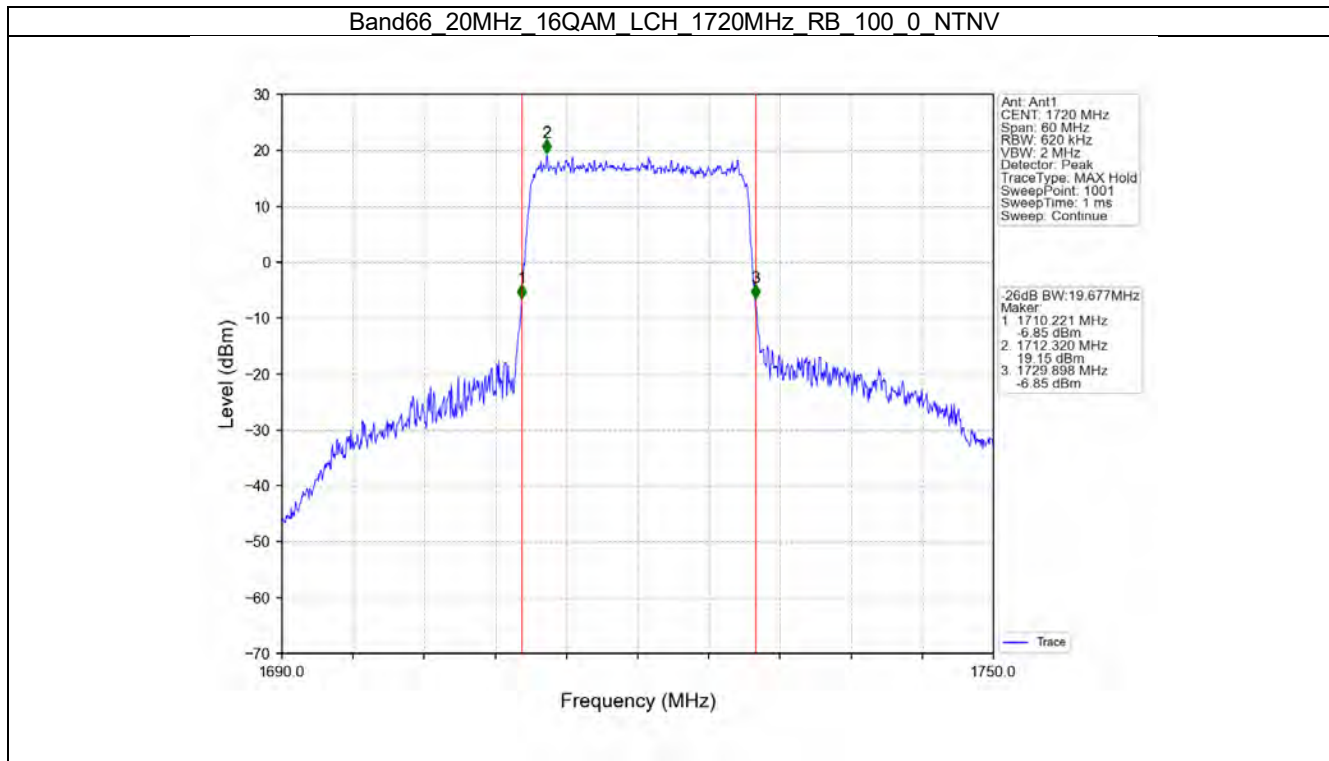


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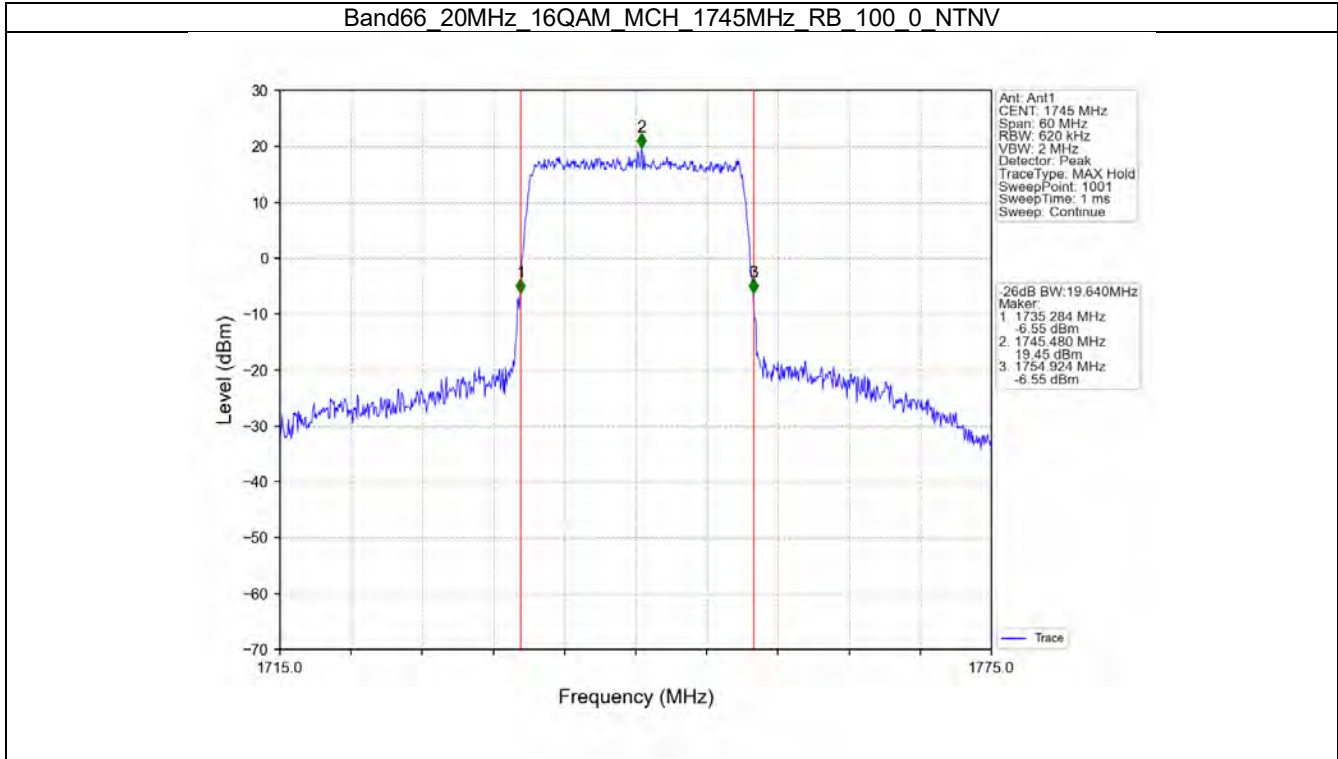
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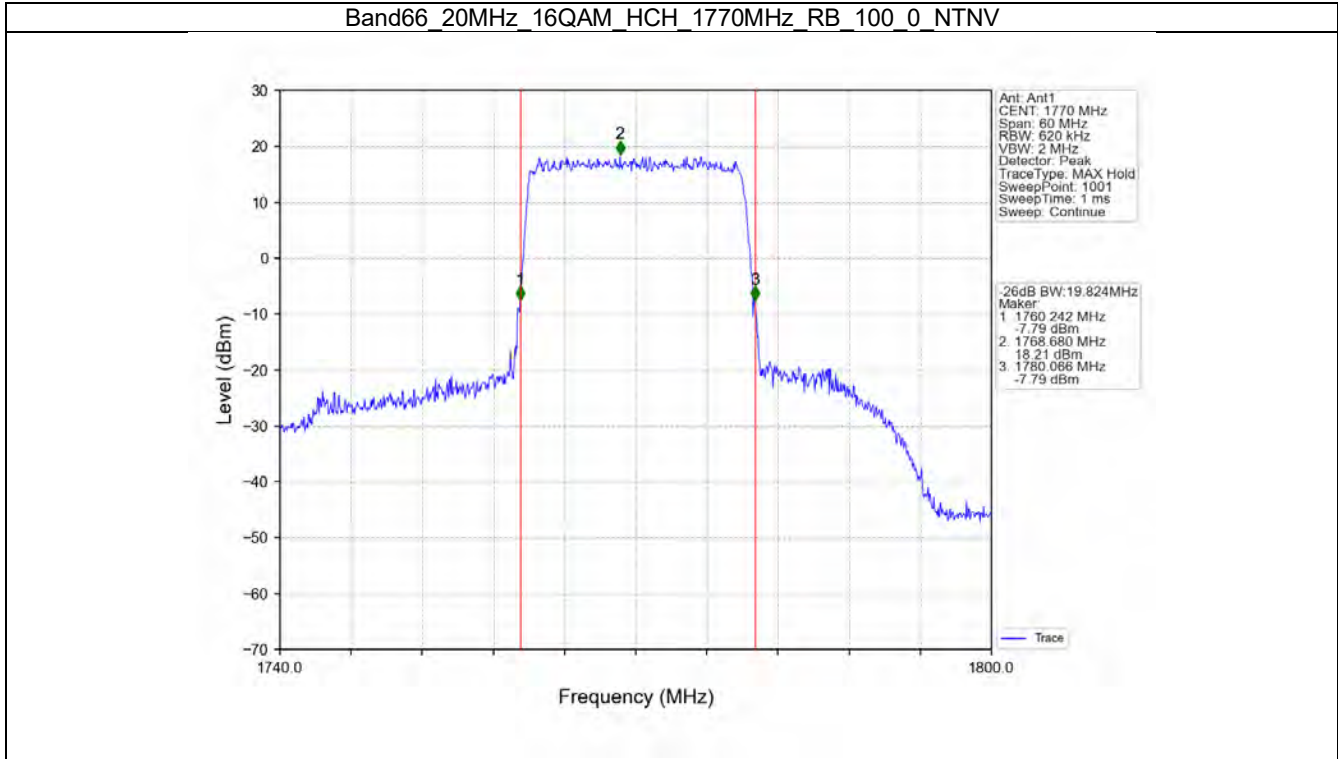
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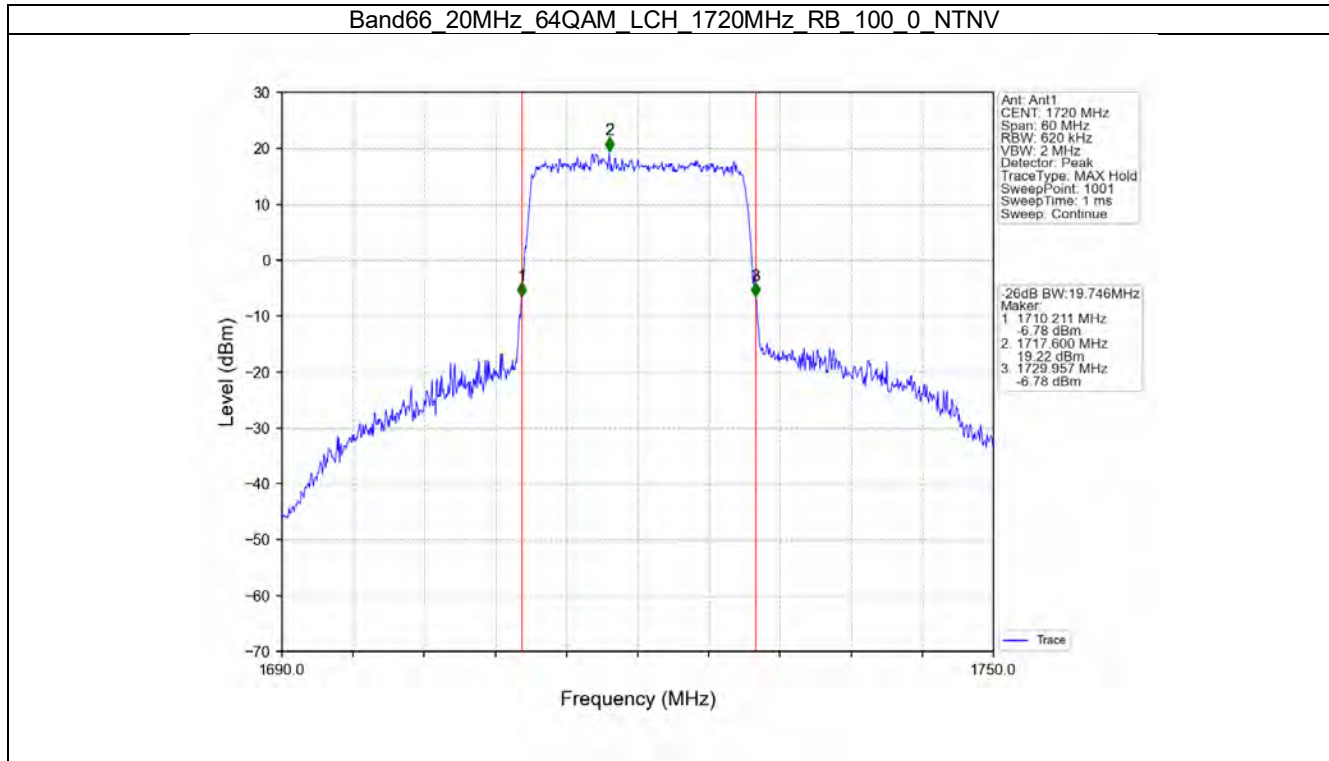


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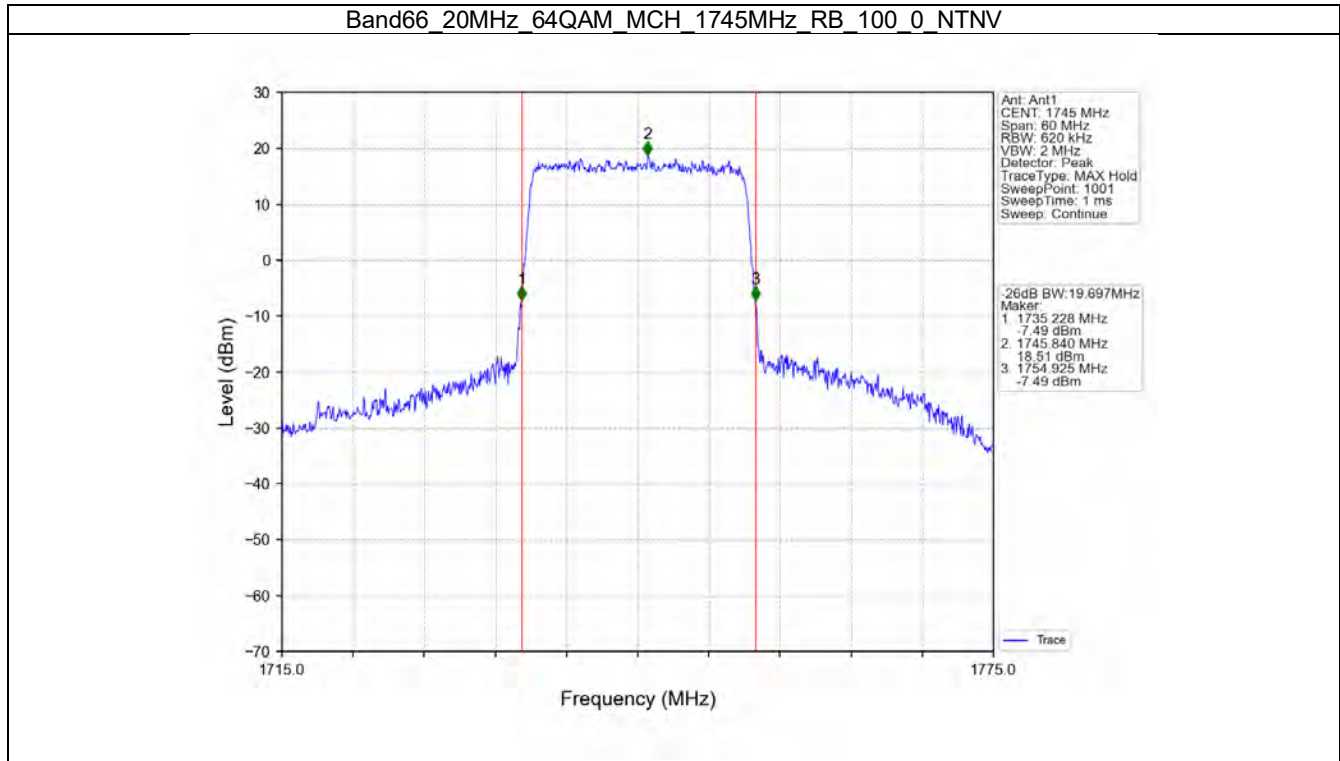
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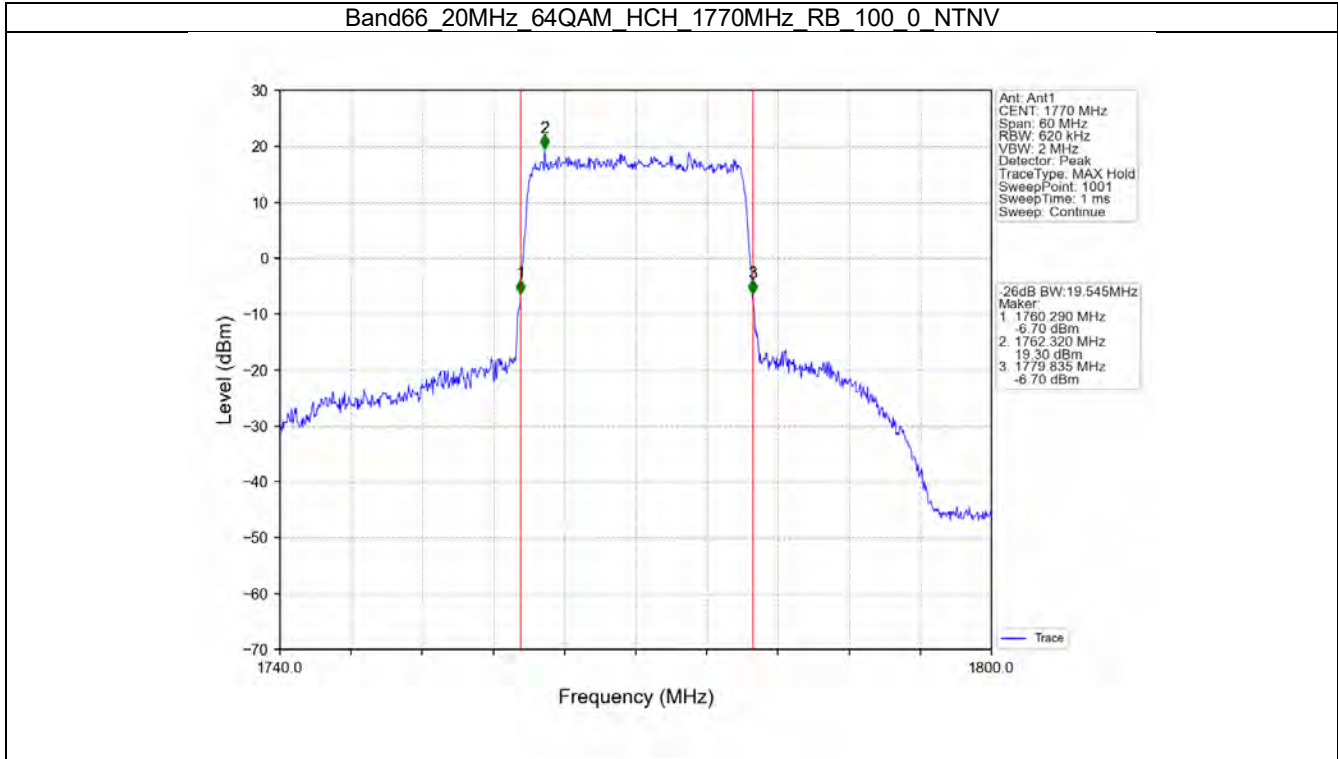
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4. Peak-Average Ratio

4.1 B66_1.4MHz

4.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.20	<=13	Pass
	1745	6	0	5.30	<=13	Pass
	1779.3	6	0	5.41	<=13	Pass
16QAM	1710.7	6	0	6.07	<=13	Pass
	1745	6	0	6.28	<=13	Pass
	1779.3	6	0	6.23	<=13	Pass
64QAM	1710.7	6	0	6.00	<=13	Pass
	1745	6	0	5.99	<=13	Pass
	1779.3	6	0	6.32	<=13	Pass



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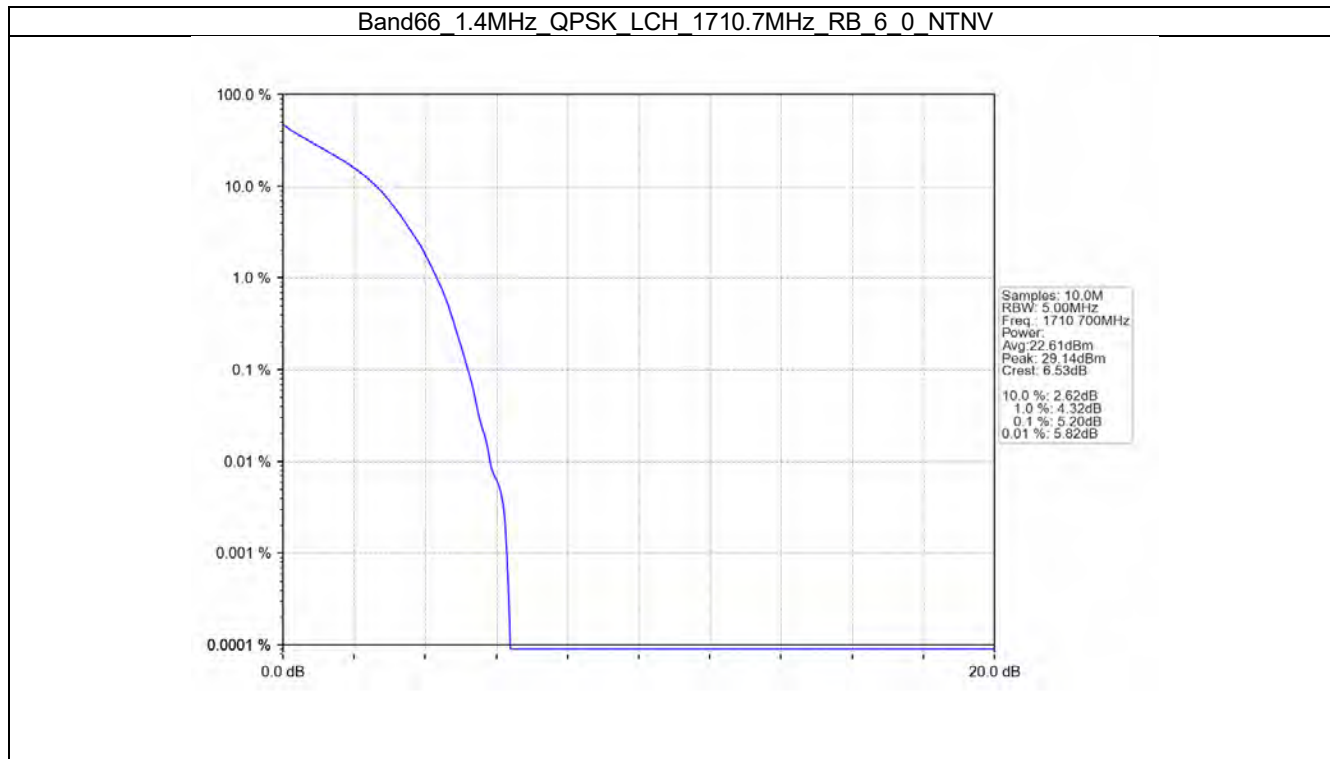
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4.1.2 Test Graph



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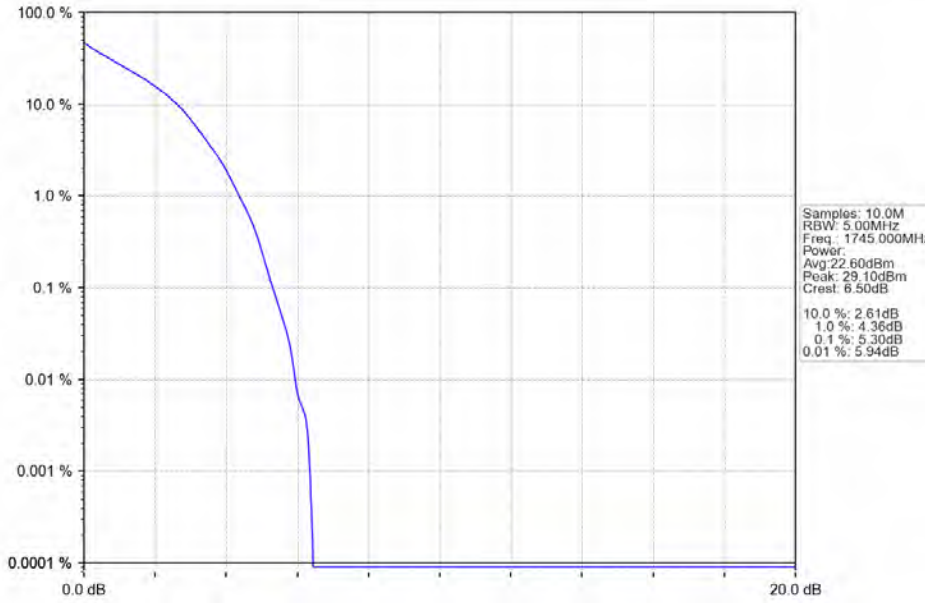
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Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



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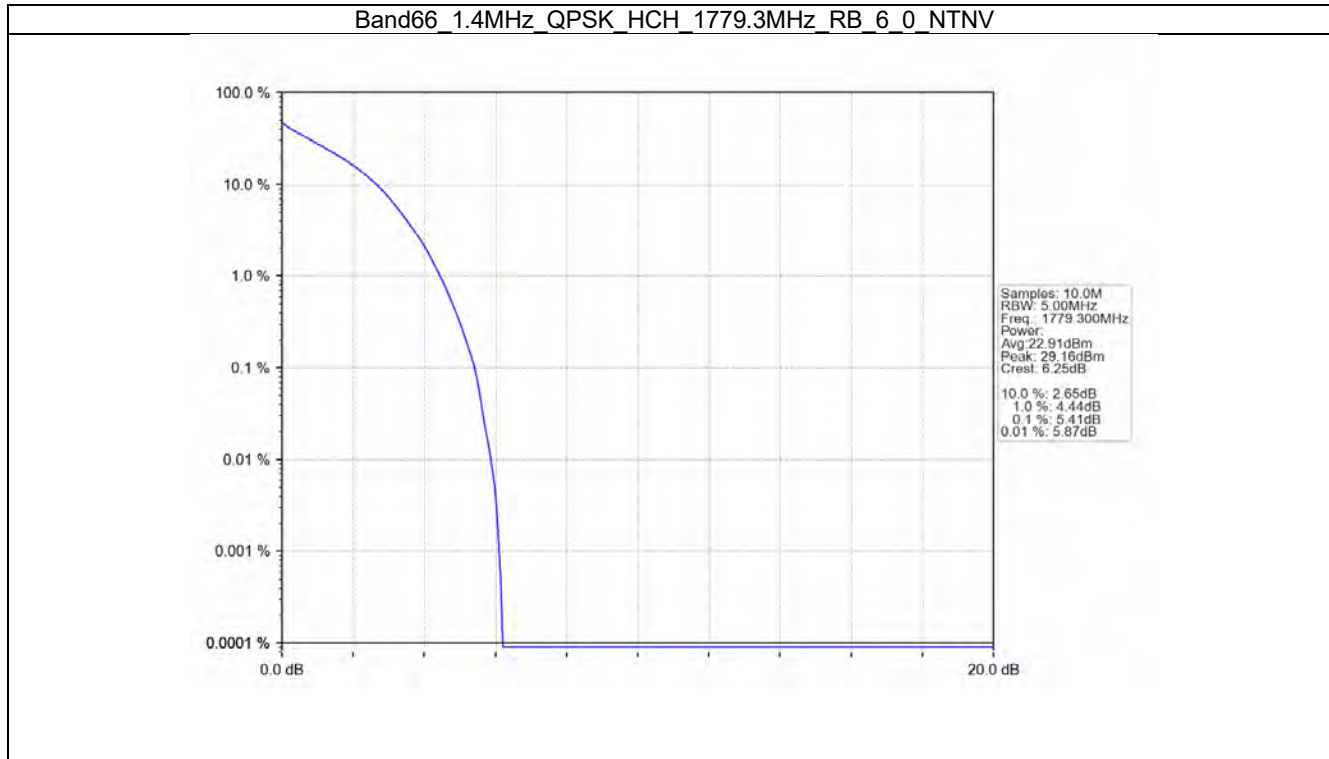


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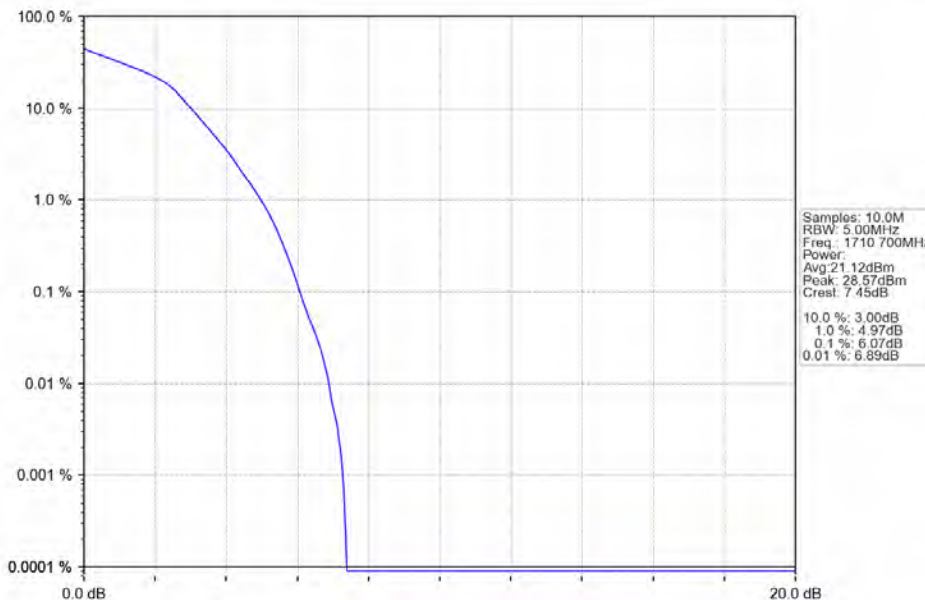
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Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



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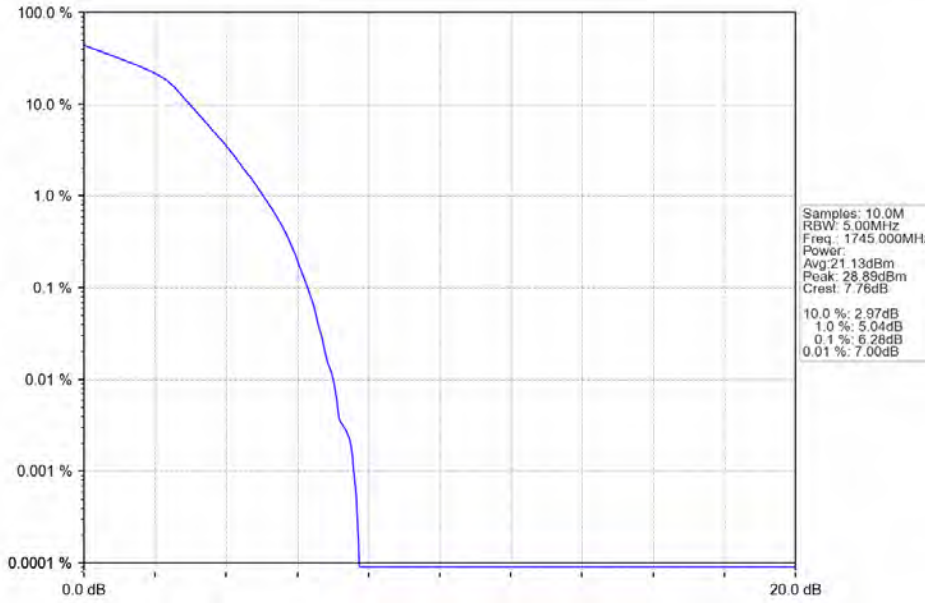
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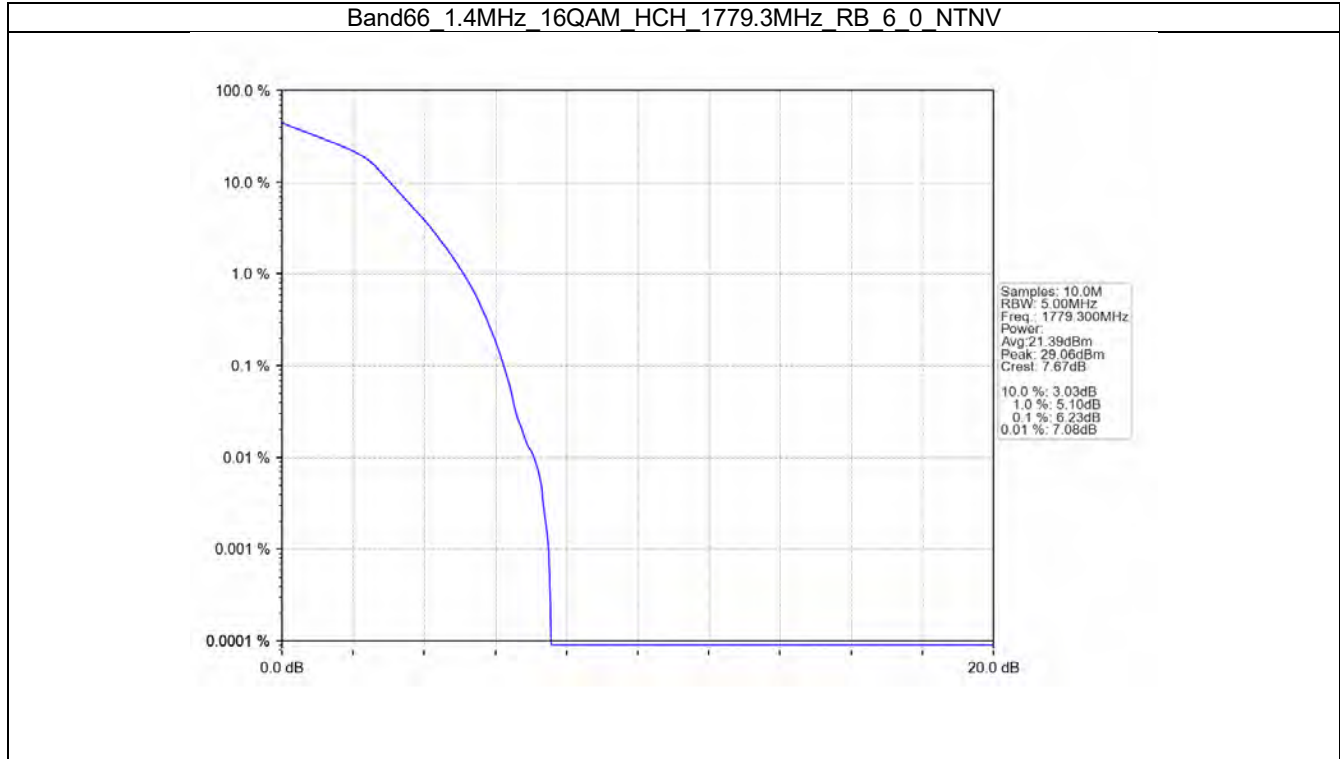
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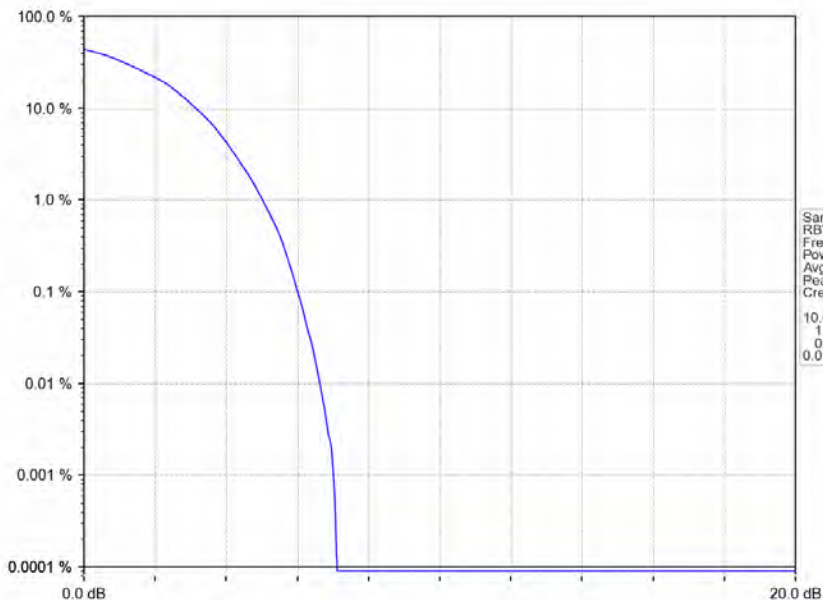
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Band66_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



Samples: 10.0M
 RBW: 5.00MHz
 Freq.: 1710.700MHz
 Power:
 Avg: 21.12dBm
 Peak: 28.29dBm
 Crest: 7.17dB

10.0 %: 3.14dB
 1.0 %: 5.02dB
 0.1 %: 6.00dB
 0.01 %: 6.63dB



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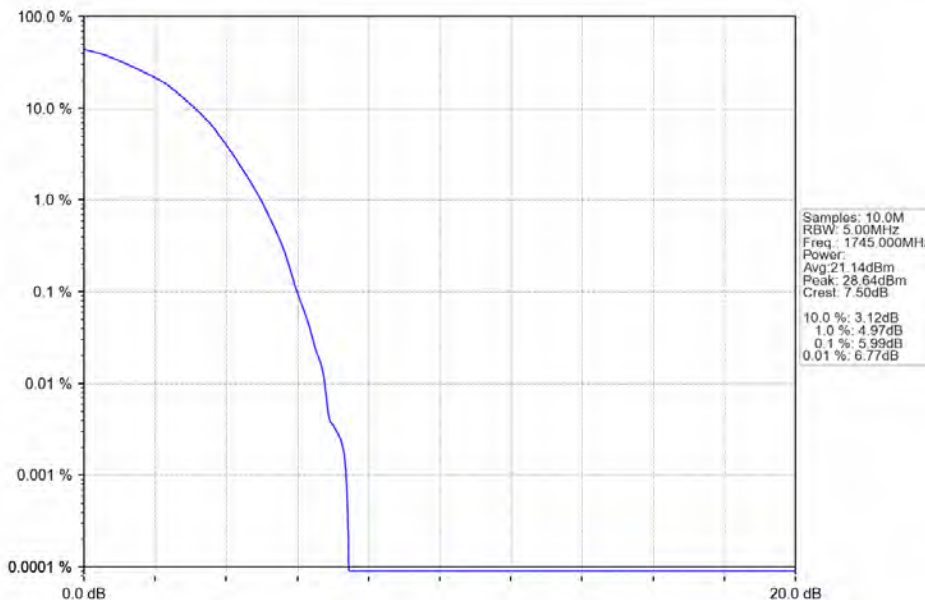
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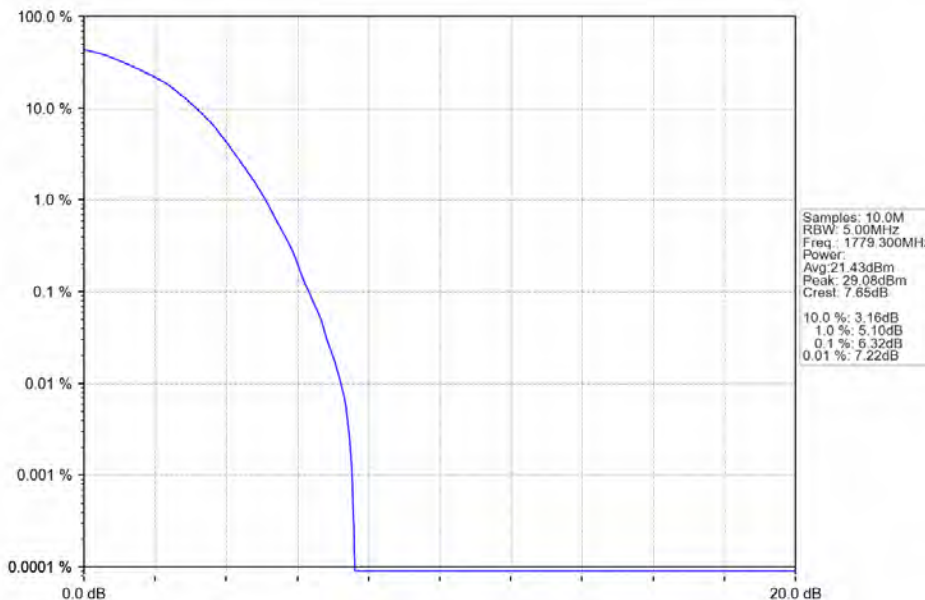
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Band66_1.4MHz_64QAM_HCH_1779.3MHz_RB_6_0_NTNV



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4.2 B66_3MHz

4.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.36	<=13	Pass
	1745	15	0	5.52	<=13	Pass
	1778.5	15	0	5.51	<=13	Pass
16QAM	1711.5	15	0	6.27	<=13	Pass
	1745	15	0	6.39	<=13	Pass
	1778.5	15	0	6.37	<=13	Pass
64QAM	1711.5	15	0	6.14	<=13	Pass
	1745	15	0	6.43	<=13	Pass
	1778.5	15	0	6.33	<=13	Pass



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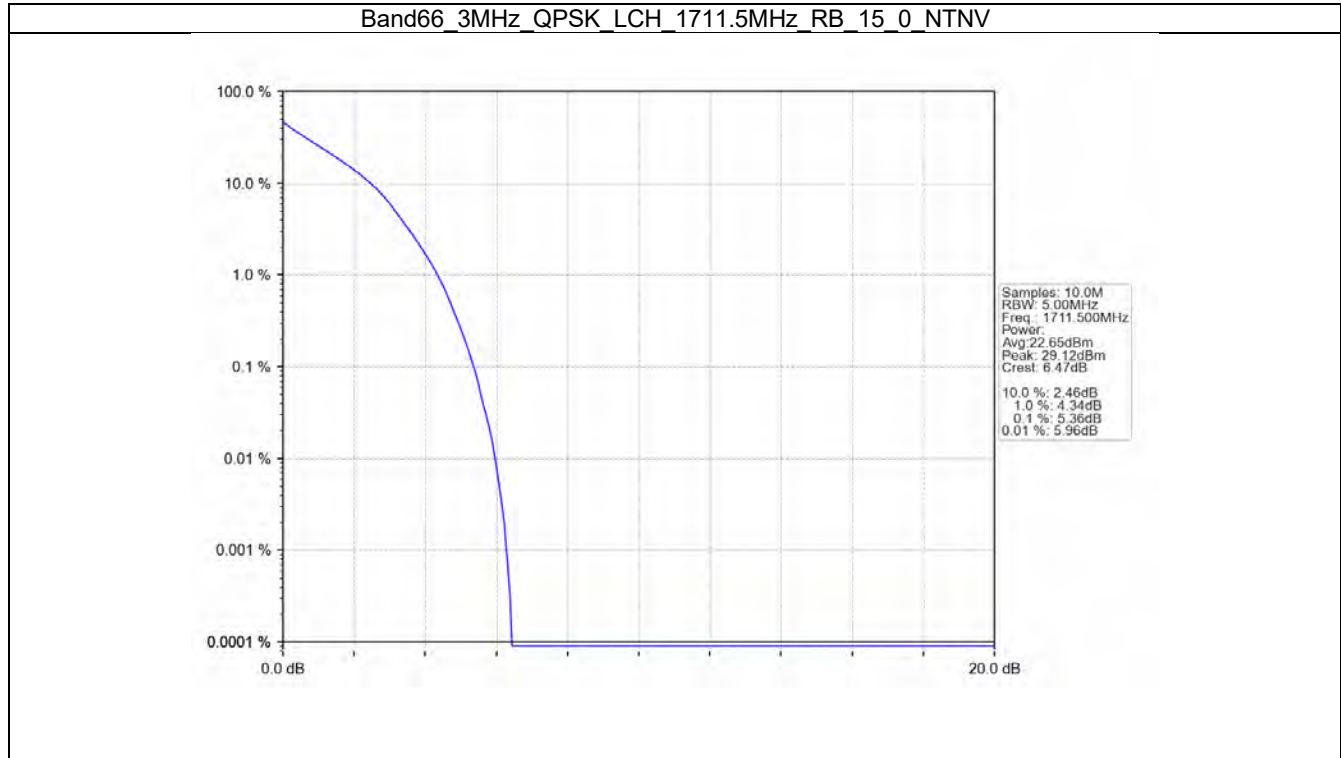
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4.2.2 Test Graph



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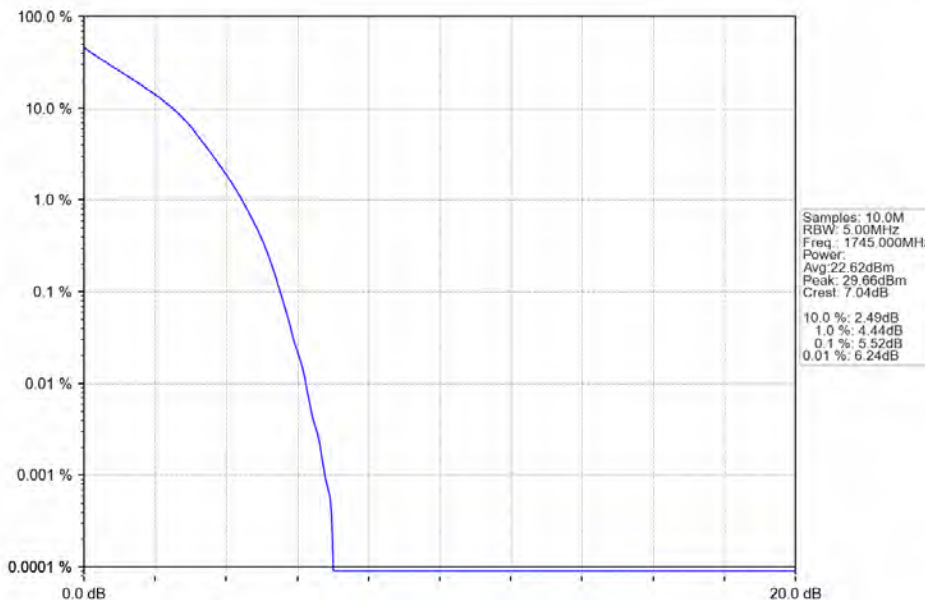
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Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



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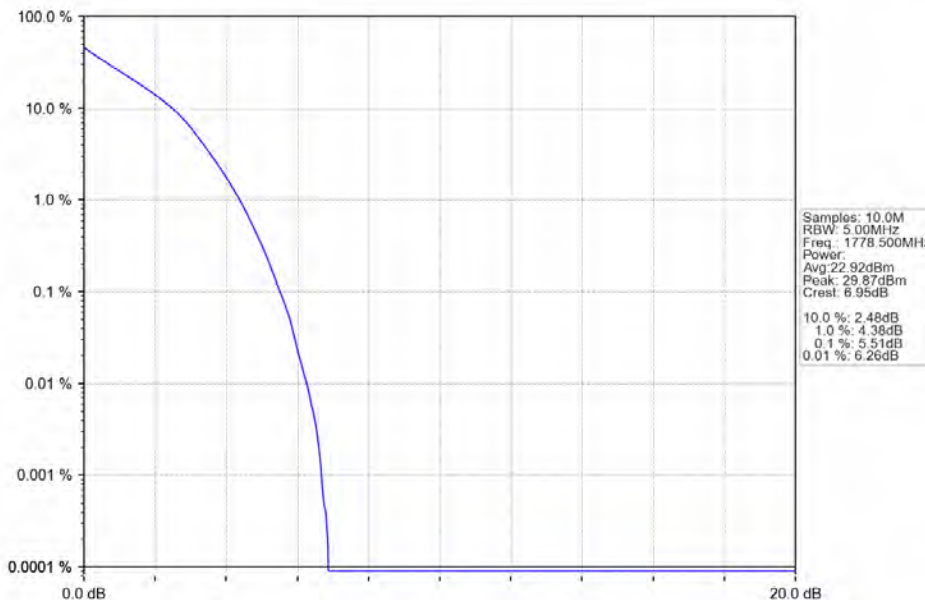
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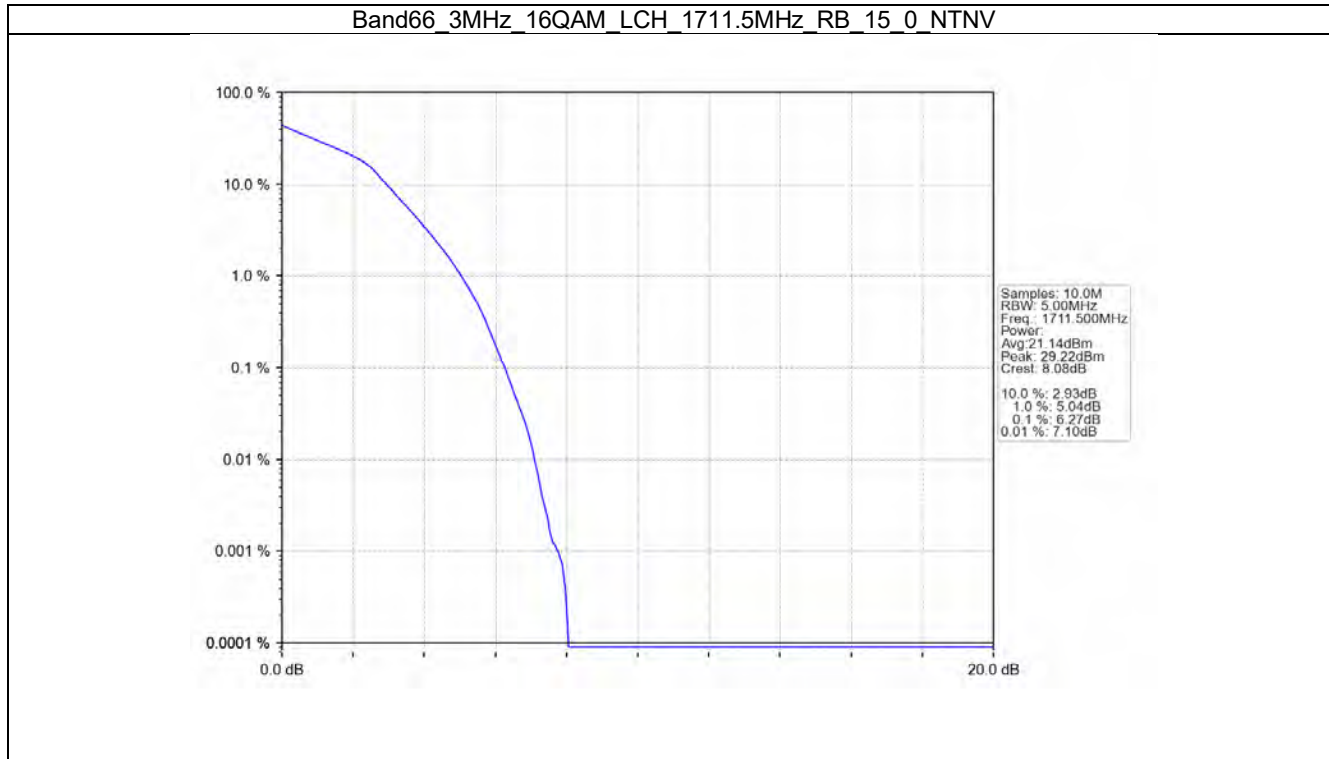


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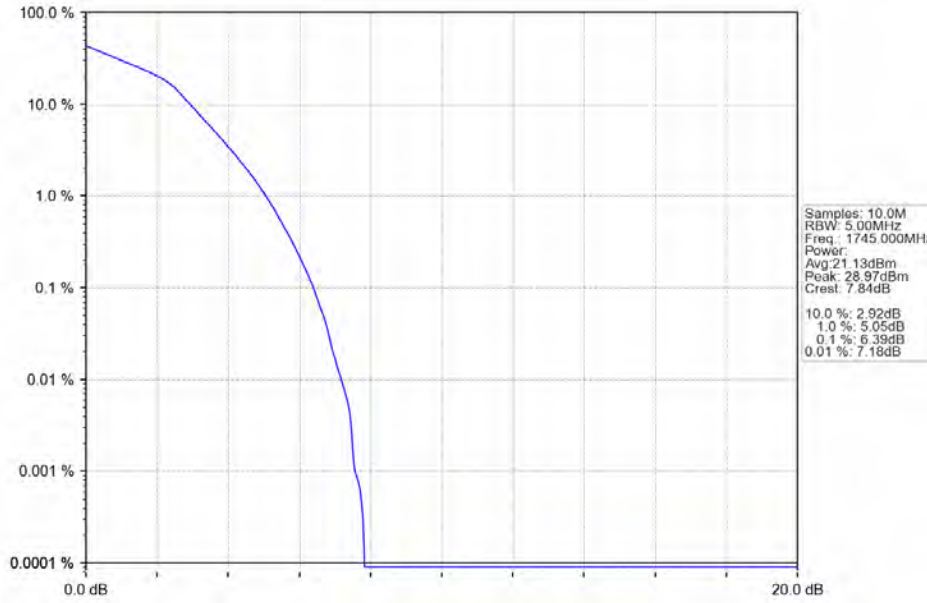
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Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



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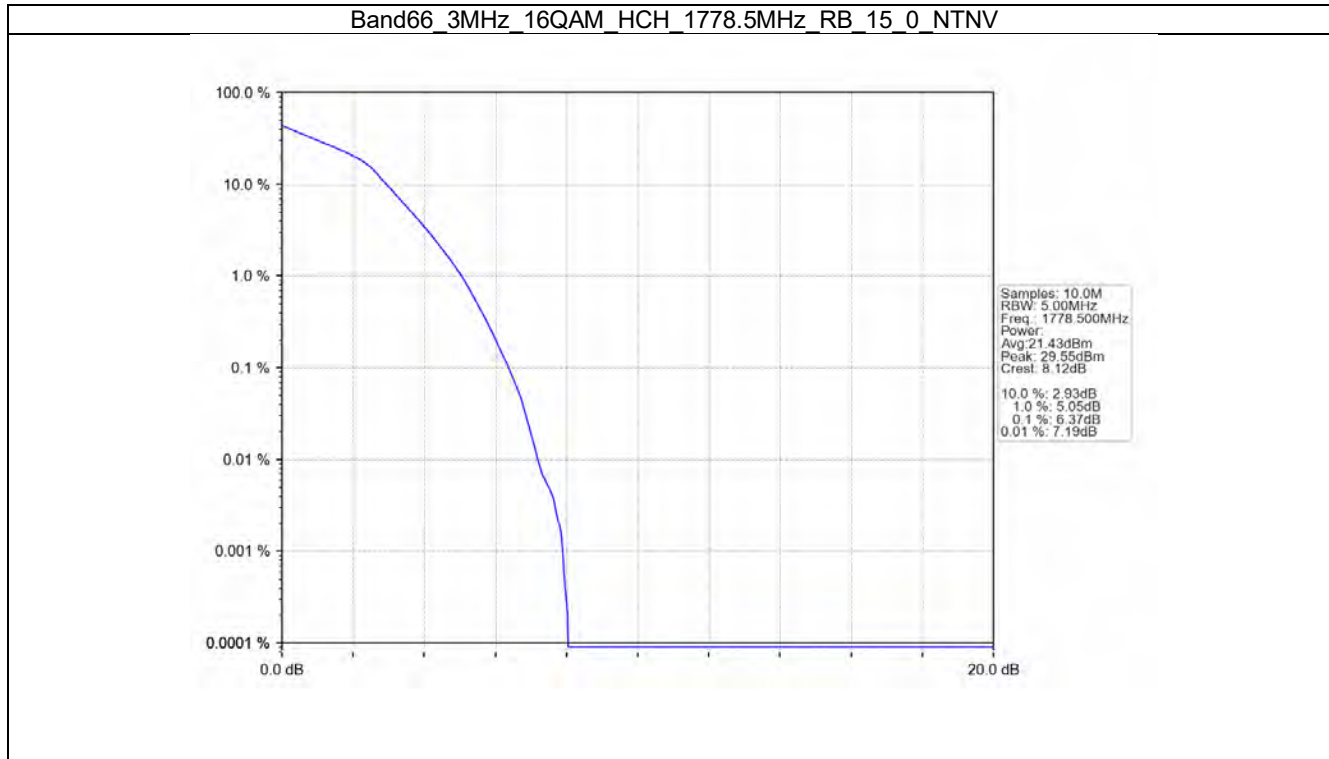


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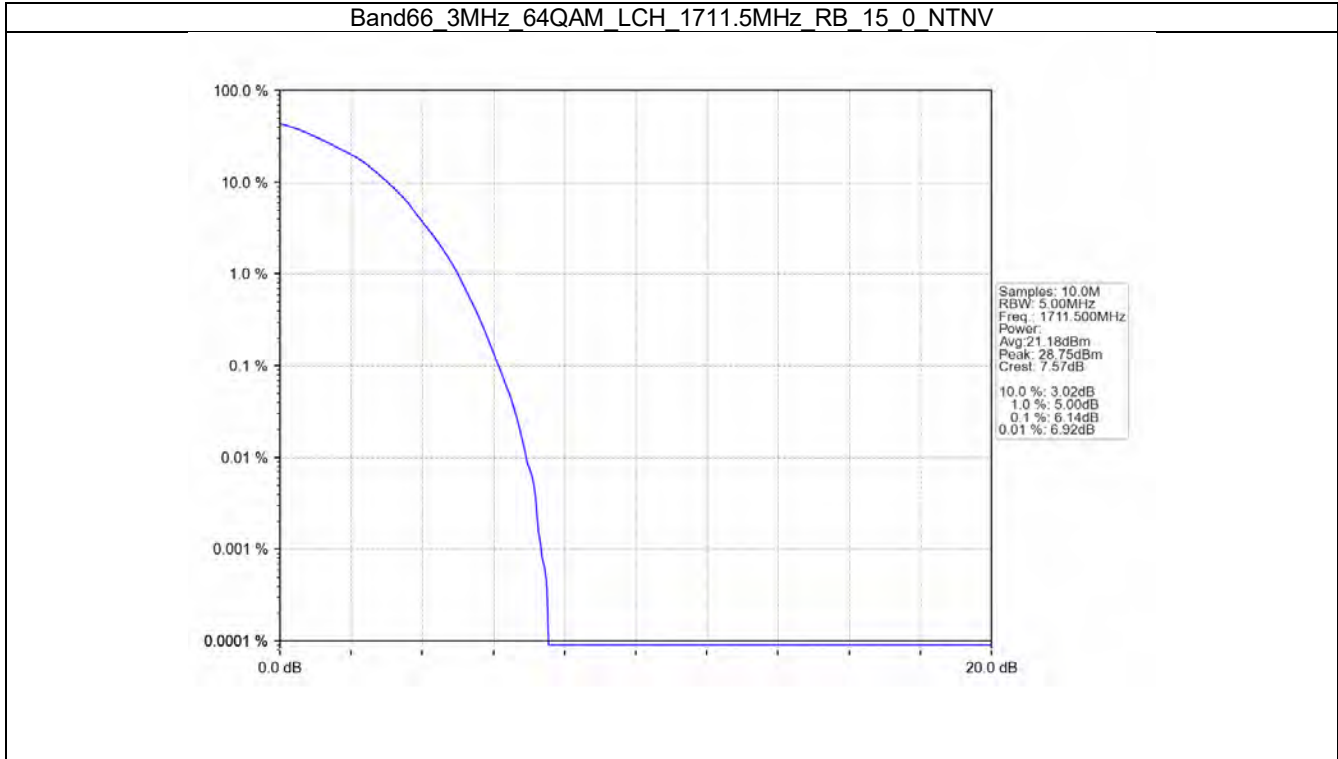
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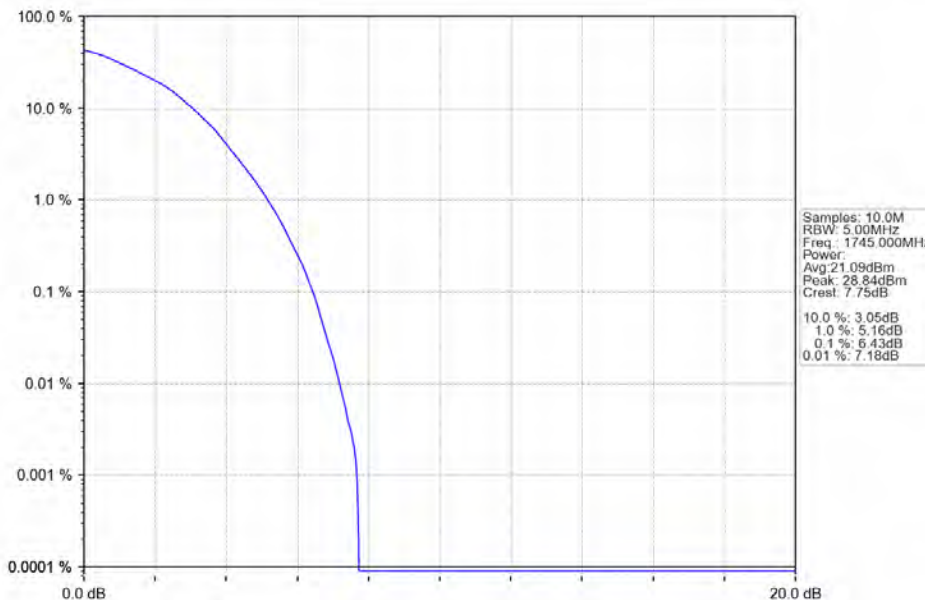
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Band66_3MHz_64QAM_MCH_1745MHz_RB_15_0_NTNV



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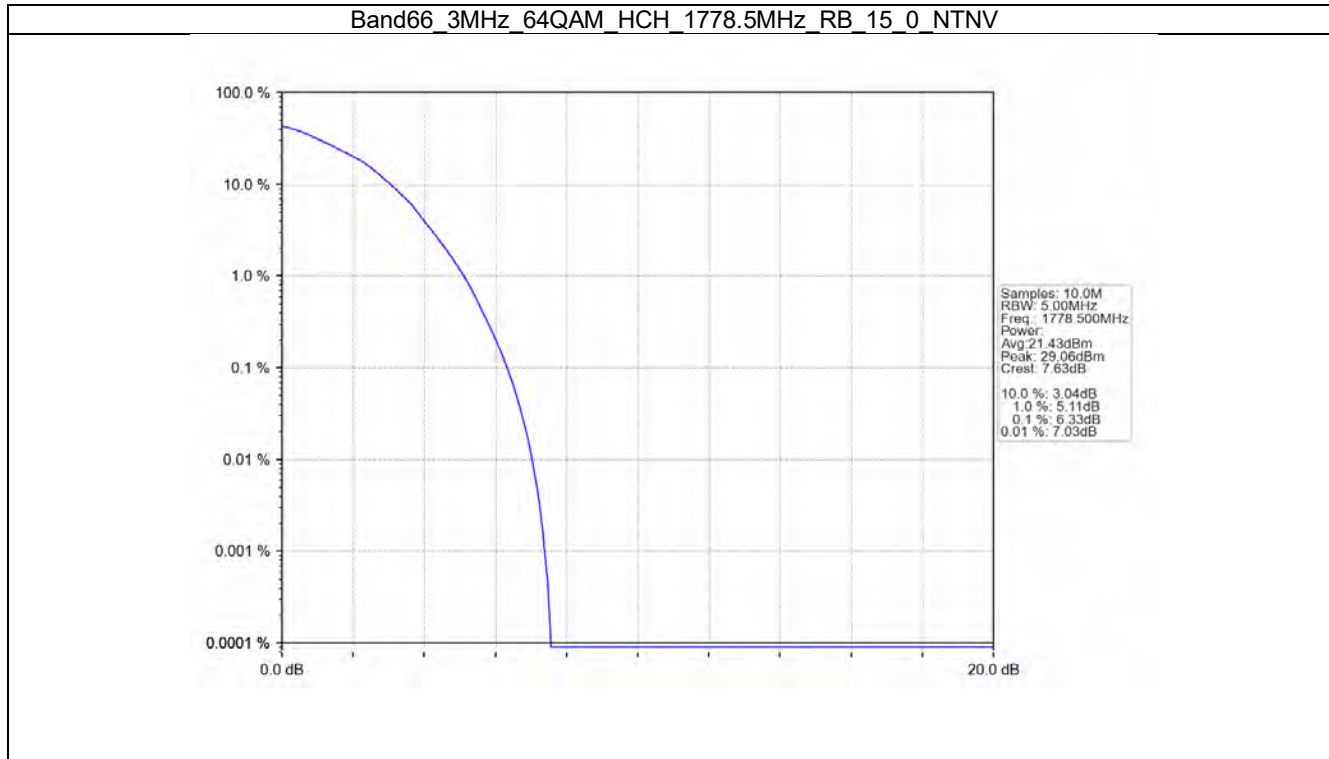


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4.3 B66_5MHz

4.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTN							
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict	
		Size	Offset	Result	Limit		
QPSK	1712.5	25	0	5.52	<=13	Pass	
	1745	25	0	5.63	<=13	Pass	
	1777.5	25	0	5.57	<=13	Pass	
16QAM	1712.5	25	0	6.25	<=13	Pass	
	1745	25	0	6.37	<=13	Pass	
	1777.5	25	0	6.36	<=13	Pass	
64QAM	1712.5	25	0	6.26	<=13	Pass	
	1745	25	0	6.40	<=13	Pass	
	1777.5	25	0	6.40	<=13	Pass	



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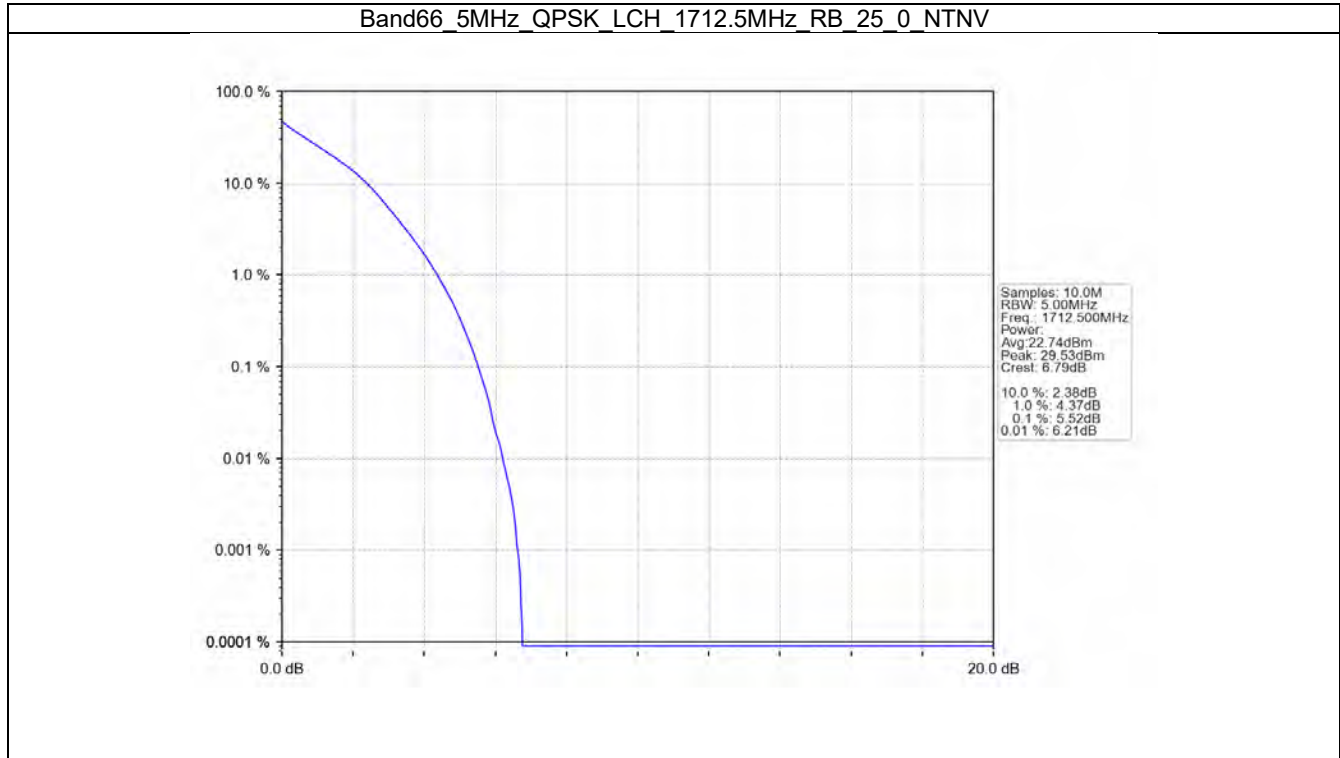
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4.3.2 Test Graph



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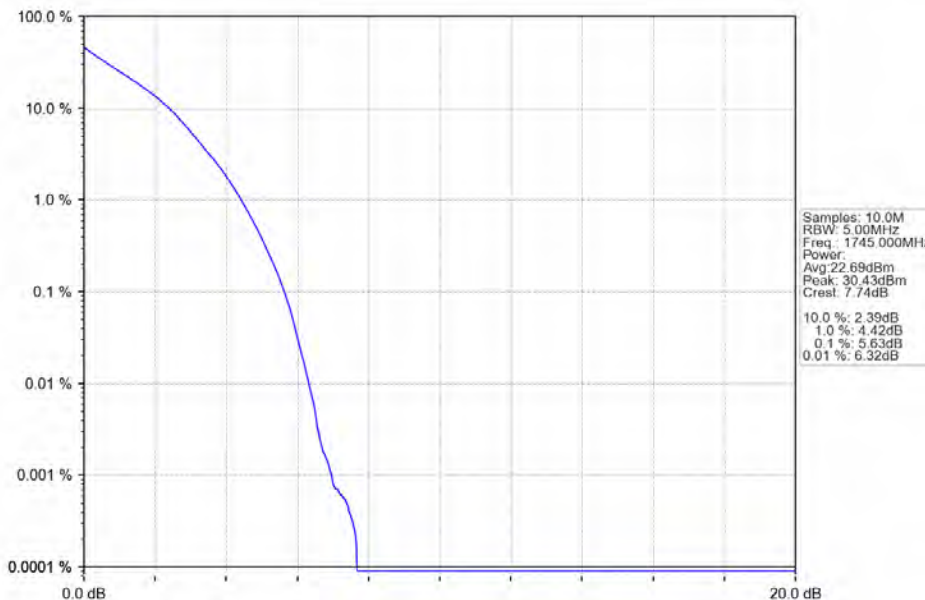
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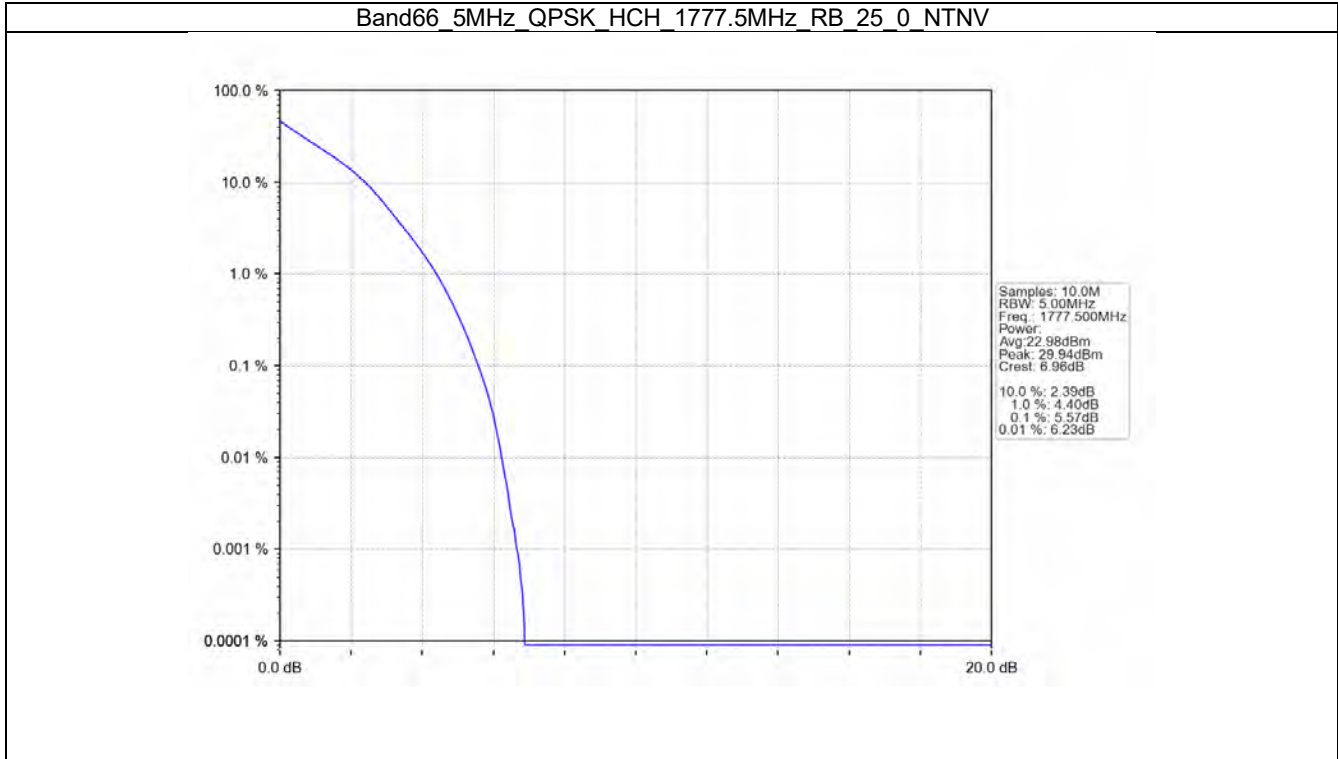
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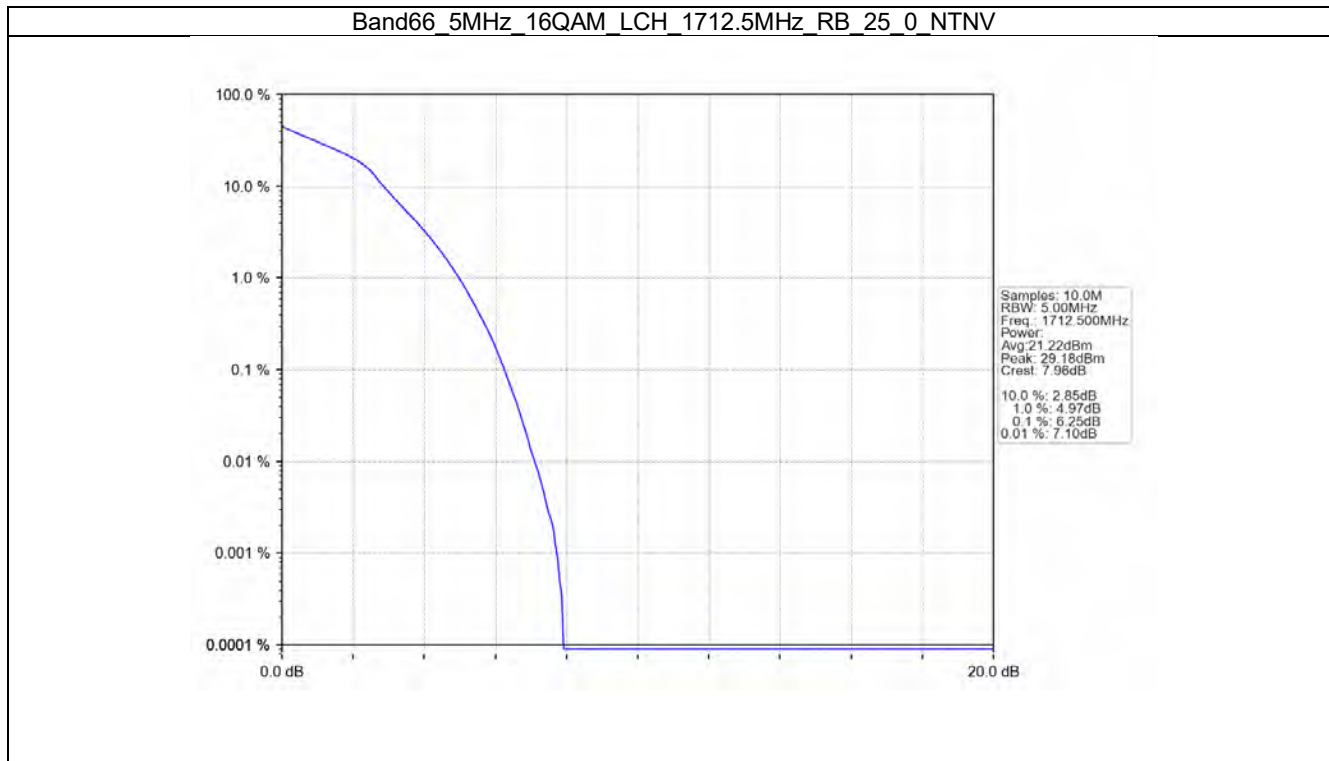


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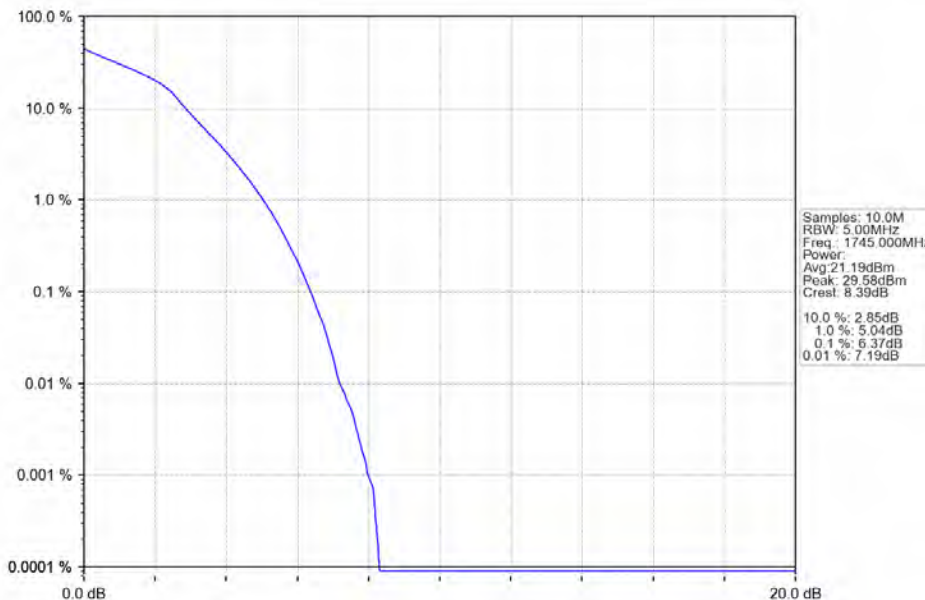
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Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



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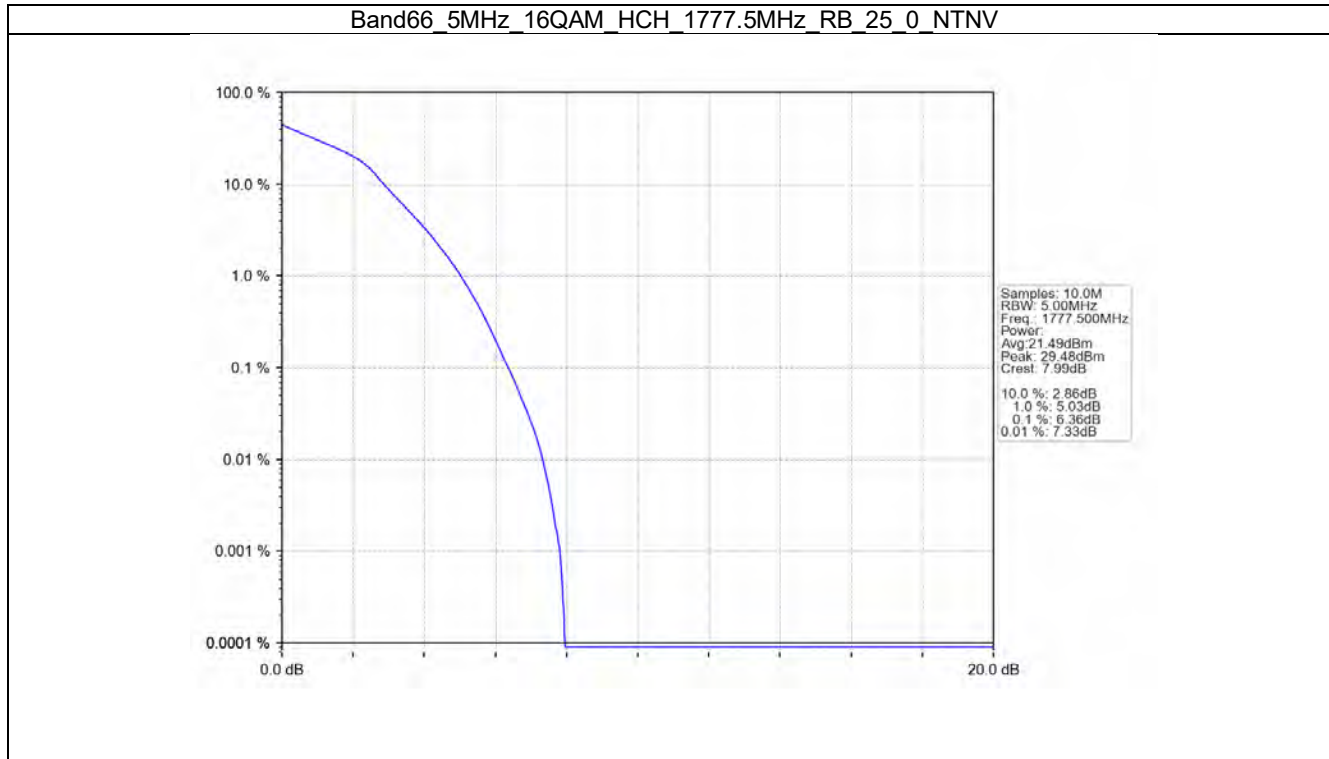


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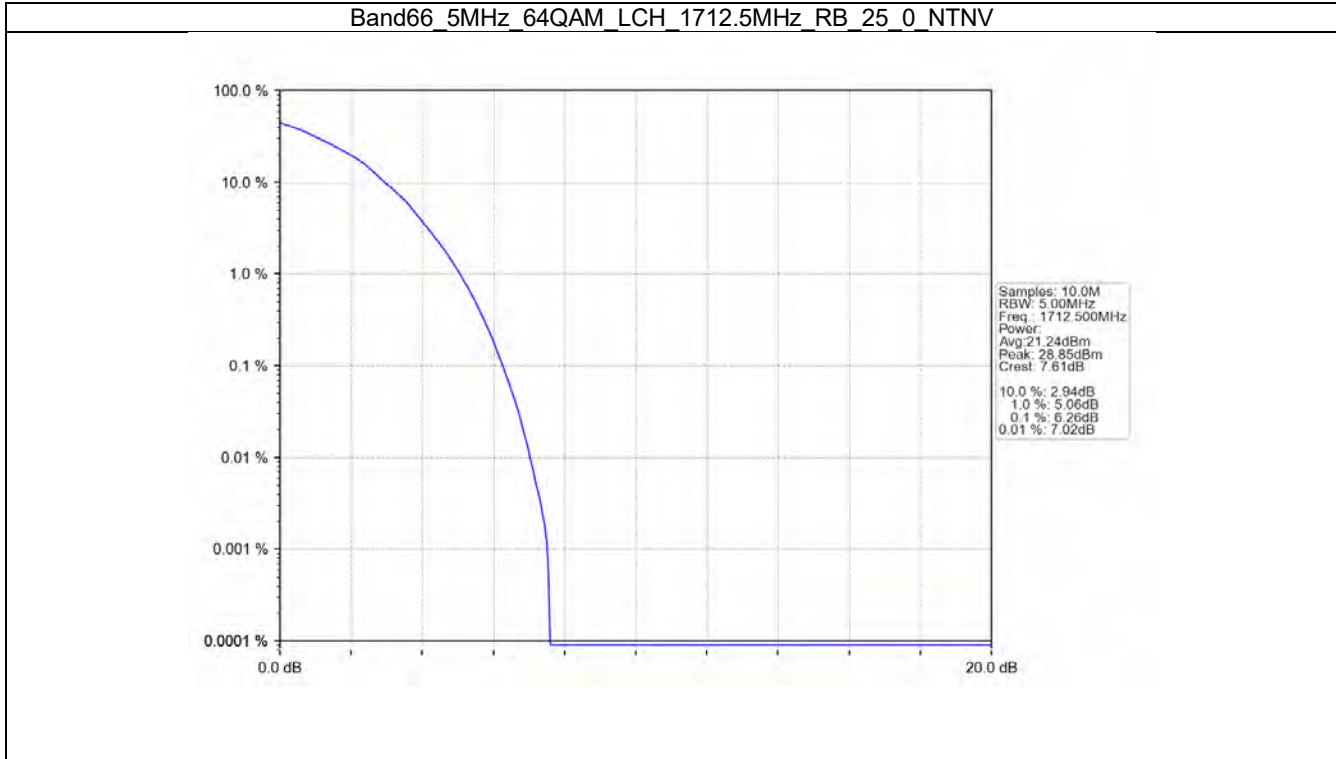
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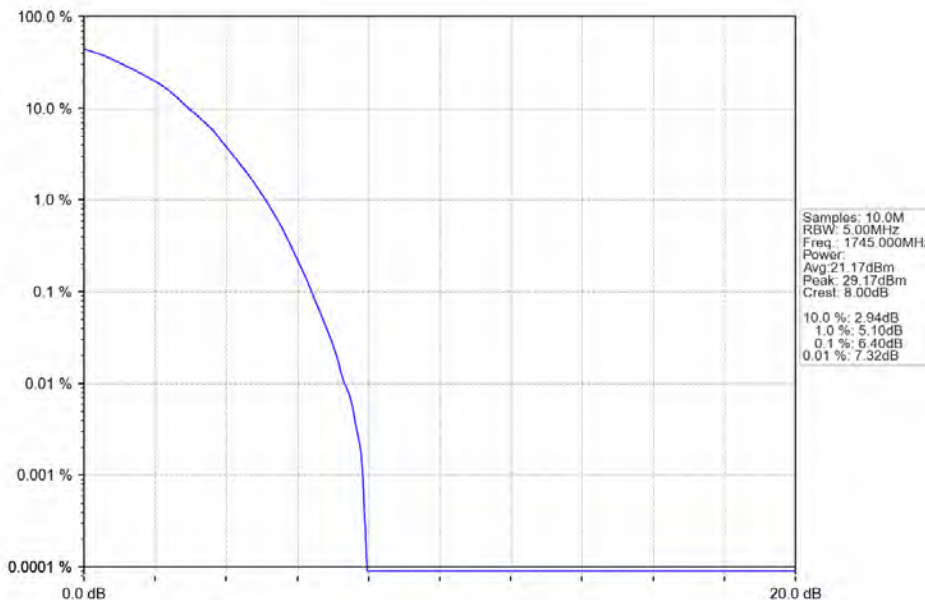
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Band66_5MHz_64QAM_MCH_1745MHz_RB_25_0_NTNV



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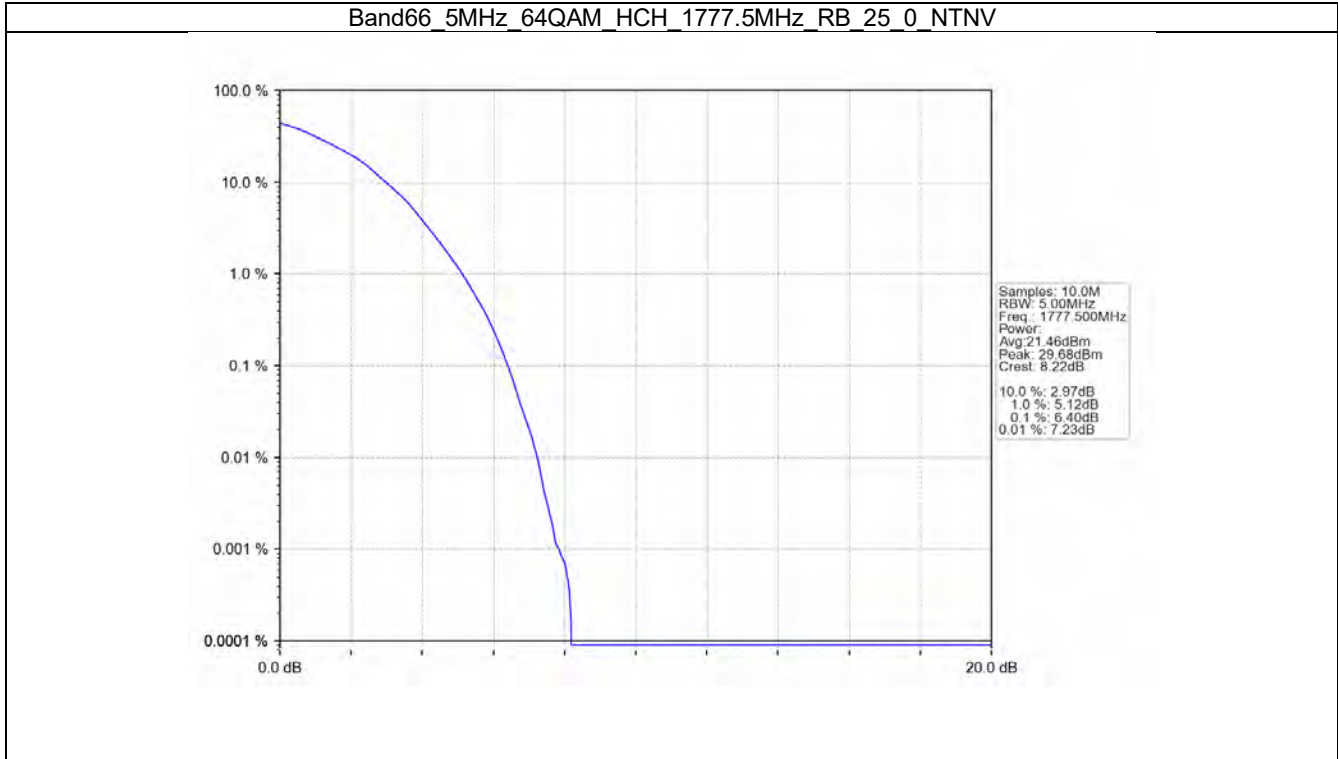
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4.4 B66_10MHz

4.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.49	<=13	Pass
	1745	50	0	5.53	<=13	Pass
	1775	50	0	5.50	<=13	Pass
16QAM	1715	50	0	6.28	<=13	Pass
	1745	50	0	6.36	<=13	Pass
	1775	50	0	6.34	<=13	Pass
64QAM	1715	50	0	6.29	<=13	Pass
	1745	50	0	6.41	<=13	Pass
	1775	50	0	6.37	<=13	Pass



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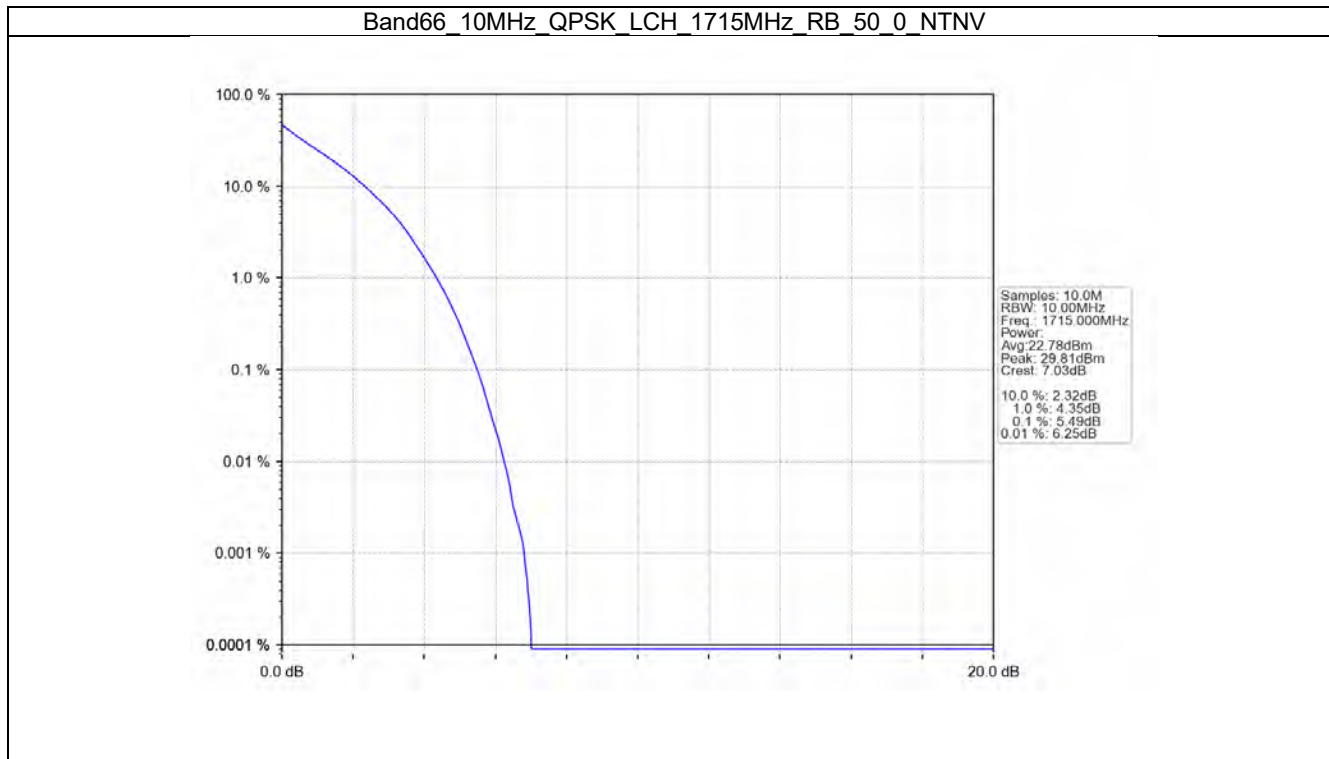
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4.4.2 Test Graph



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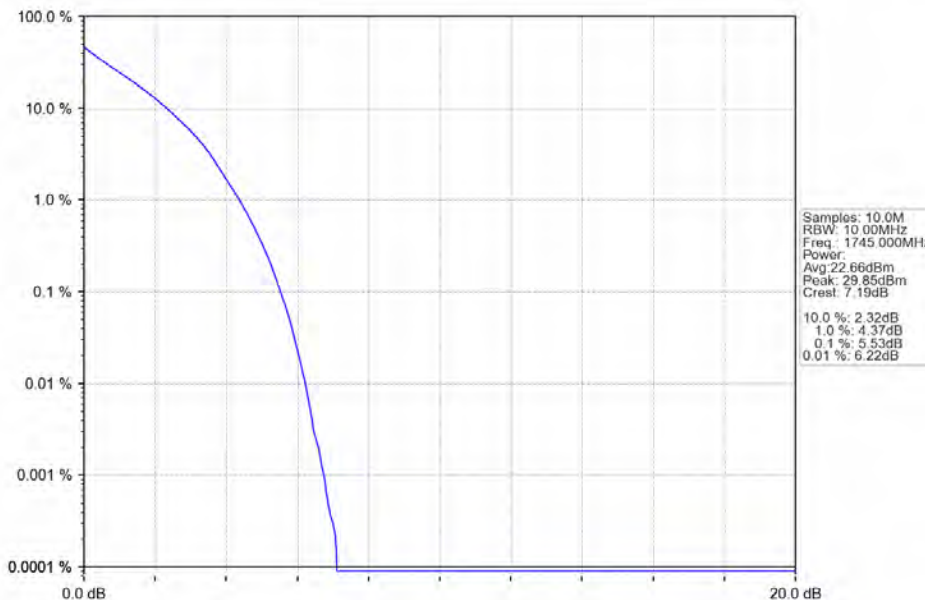
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Band66_10MHz QPSK MCH_1745MHz_RB_50_0_NTNV



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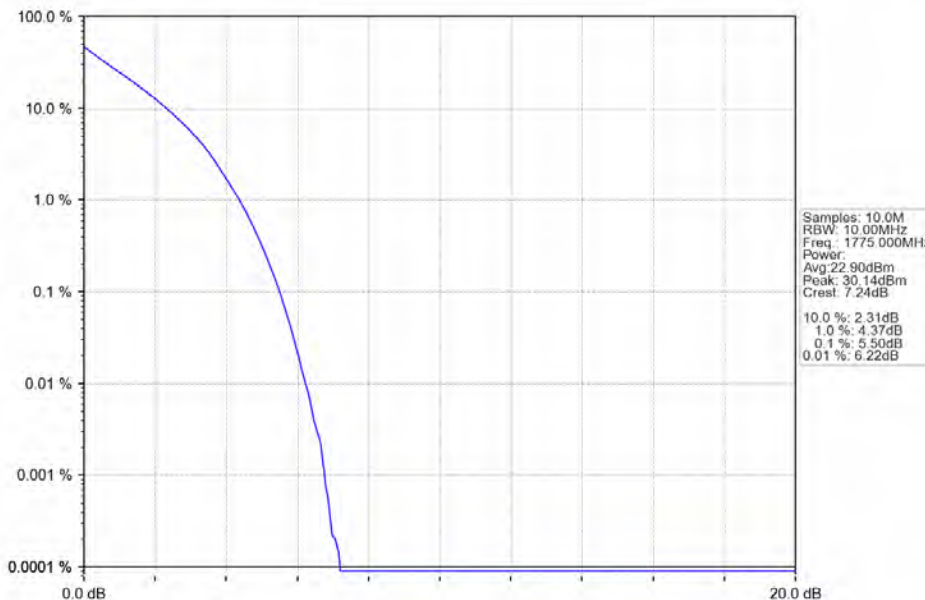
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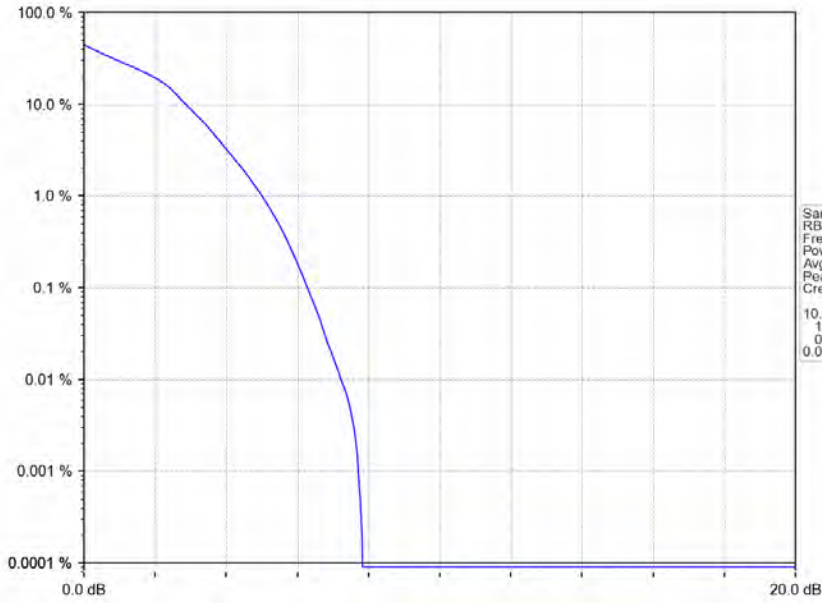
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Samples: 10.0M
 RBW: 10.00MHz
 Freq.: 1715.000MHz
 Power:
 Avg: 21.26dBm
 Peak: 29.13dBm
 Crest: 7.87dB
 10.0 %: 2.85dB
 1.0 %: 5.00dB
 0.1 %: 6.28dB
 0.01 %: 7.22dB



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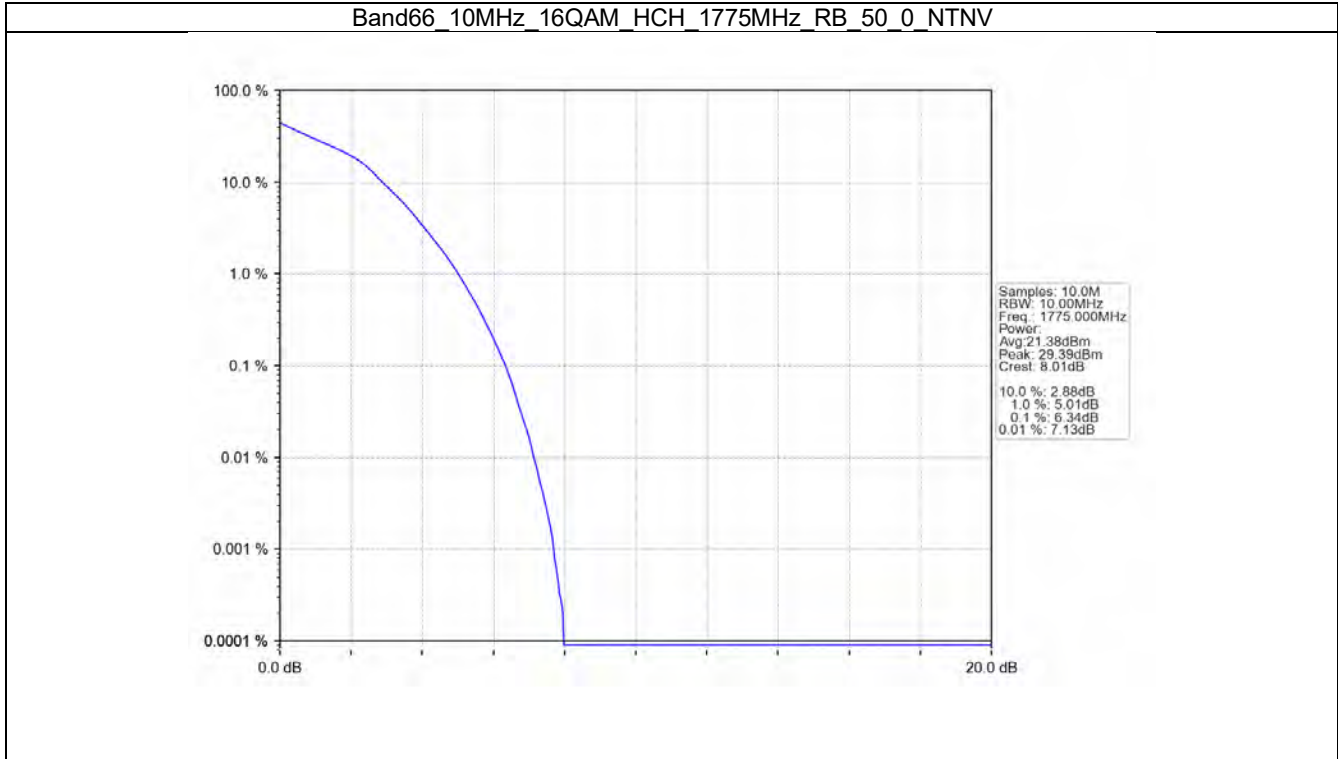
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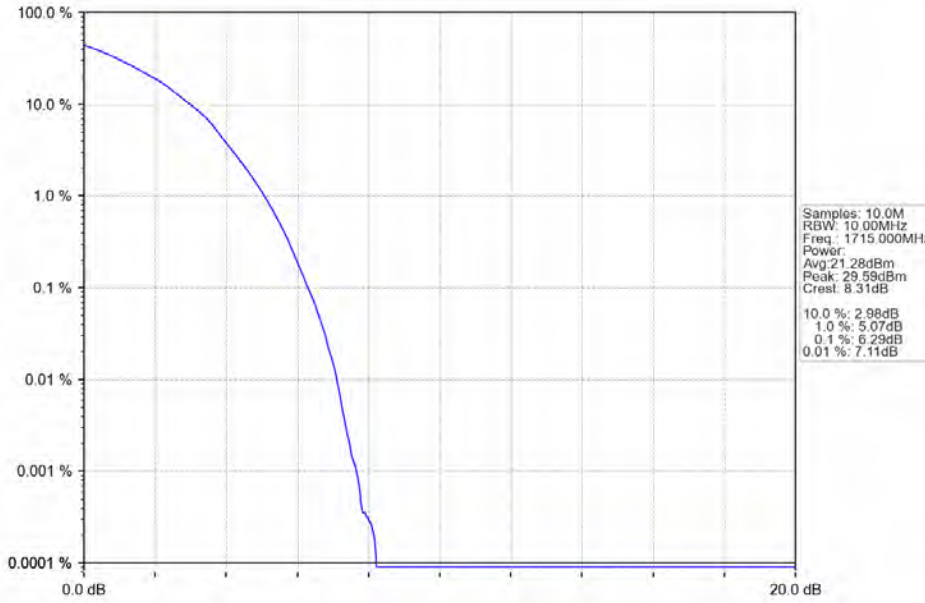
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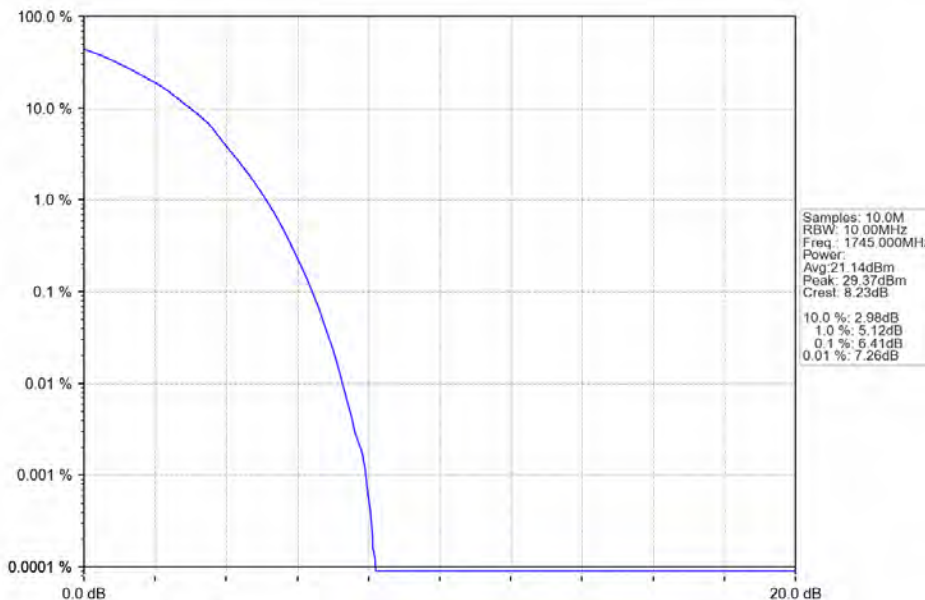
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Band66_10MHz_64QAM_MCH_1745MHz_RB_50_0_NTNV



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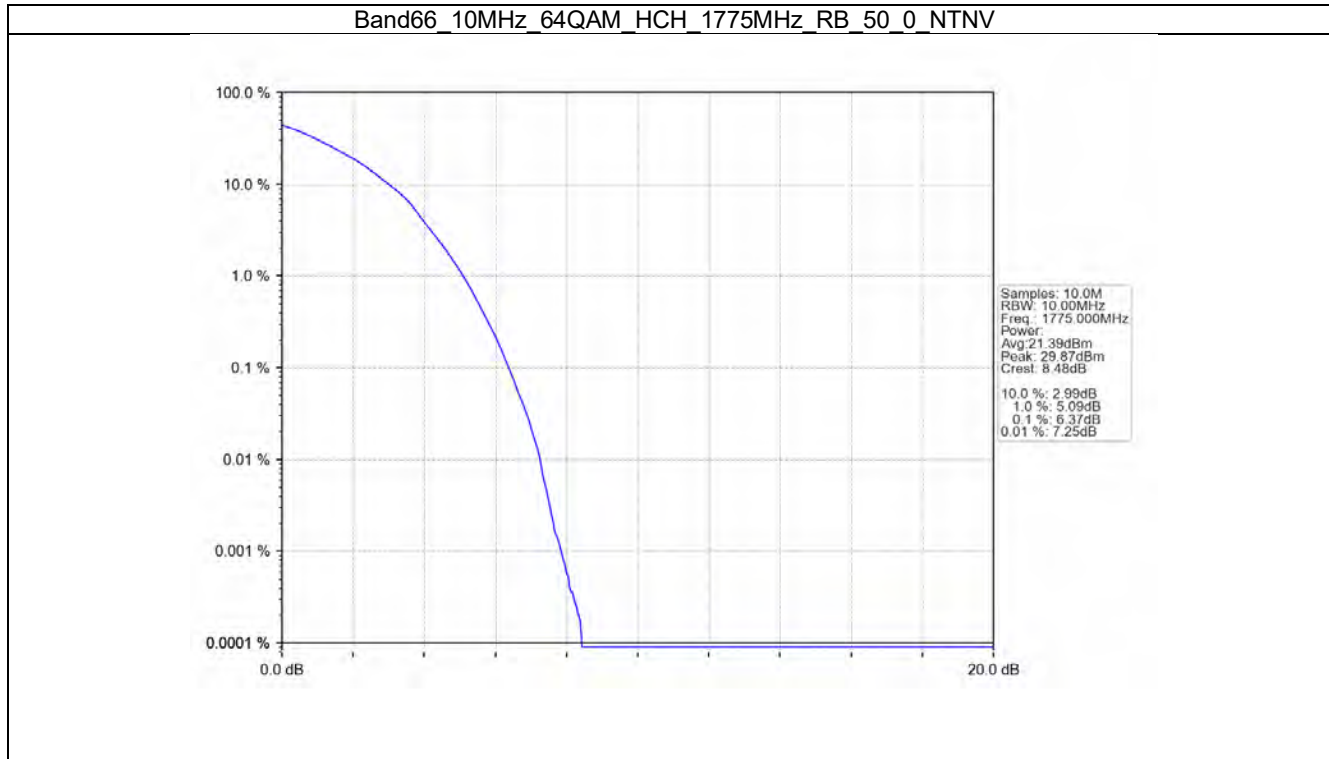


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4.5 B66_15MHz

4.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.82	<=13	Pass
	1745	75	0	5.82	<=13	Pass
	1772.5	75	0	5.79	<=13	Pass
16QAM	1717.5	75	0	6.37	<=13	Pass
	1745	75	0	6.38	<=13	Pass
	1772.5	75	0	6.33	<=13	Pass
64QAM	1717.5	75	0	6.34	<=13	Pass
	1745	75	0	6.37	<=13	Pass
	1772.5	75	0	6.35	<=13	Pass



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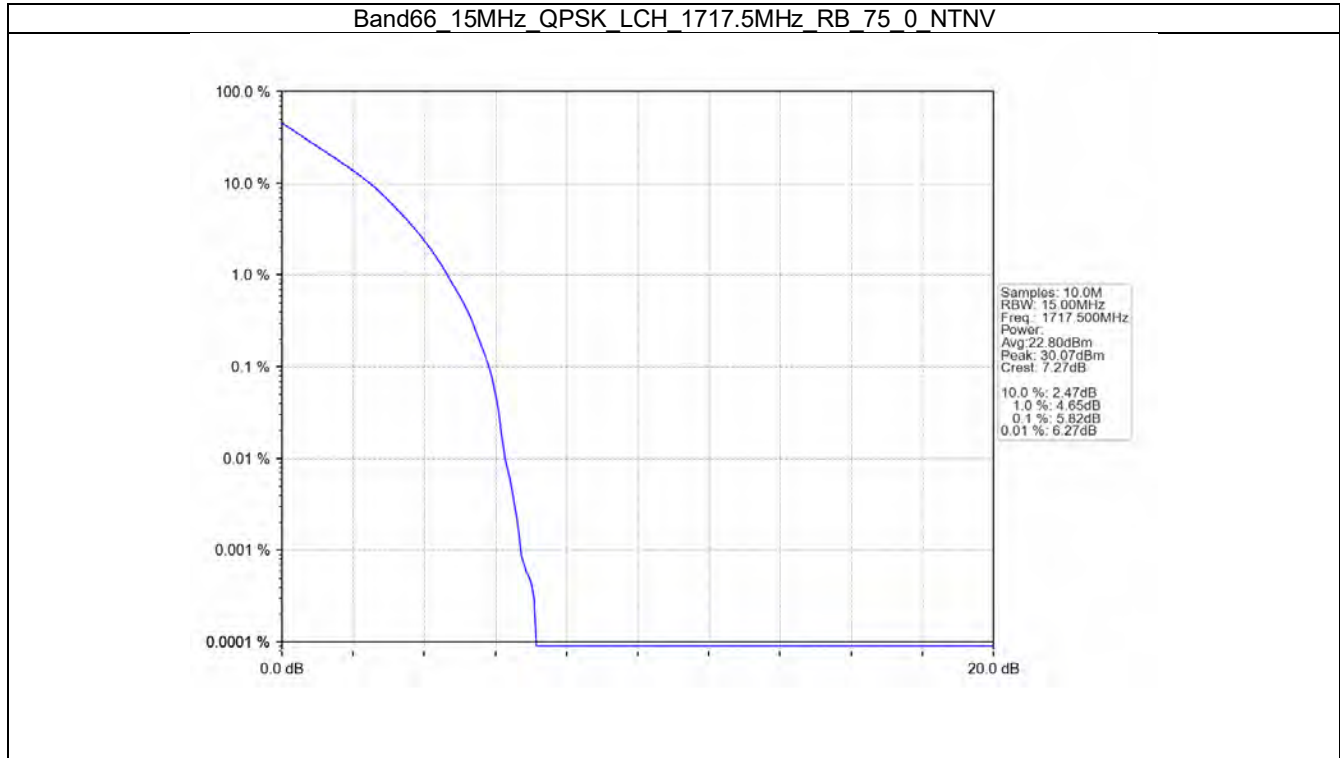
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4.5.2 Test Graph



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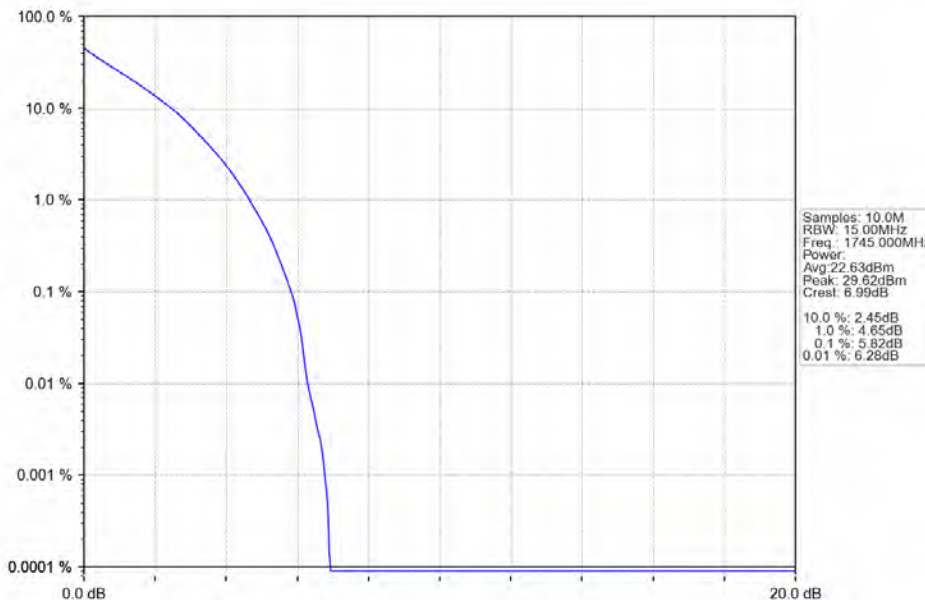
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Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



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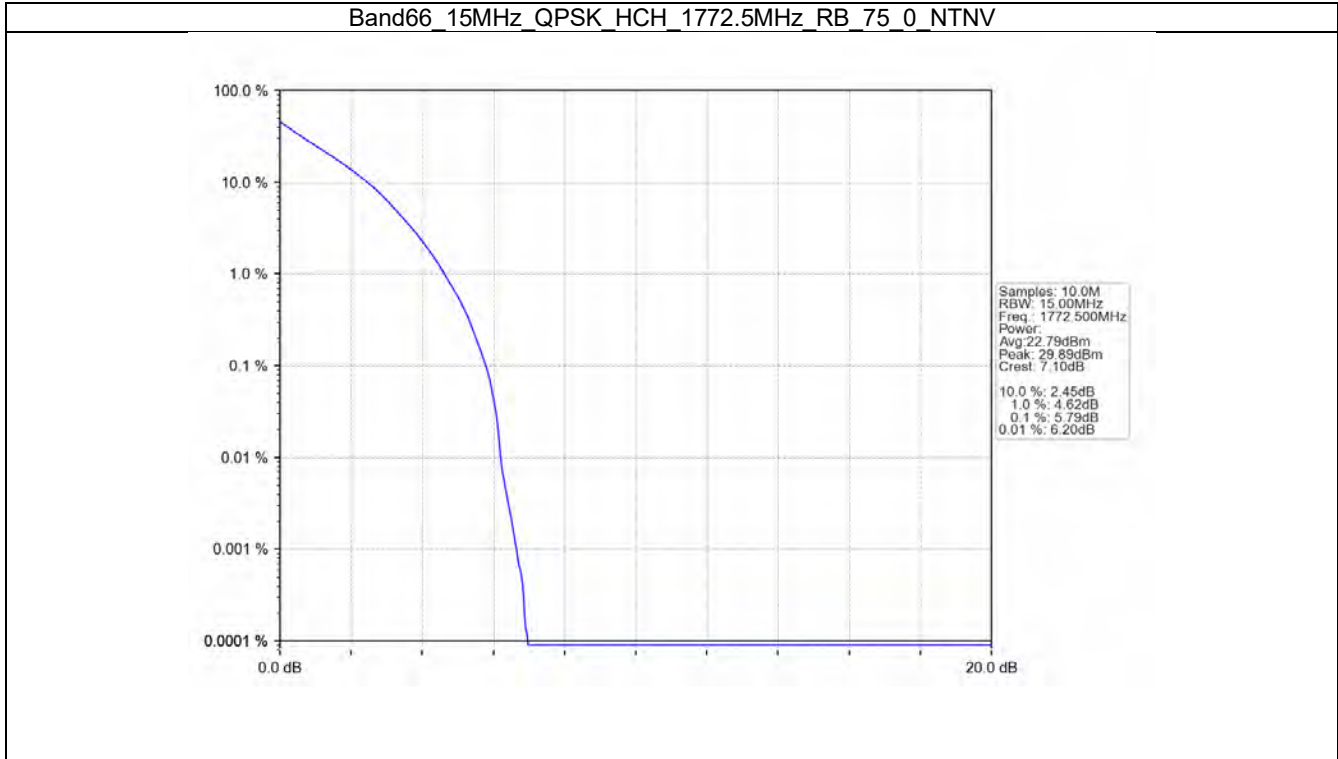
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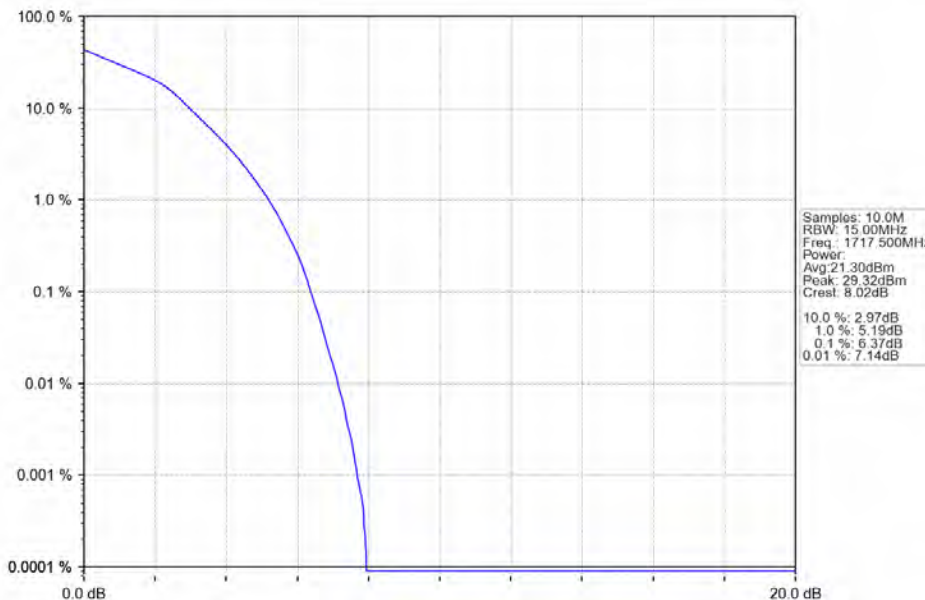
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Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



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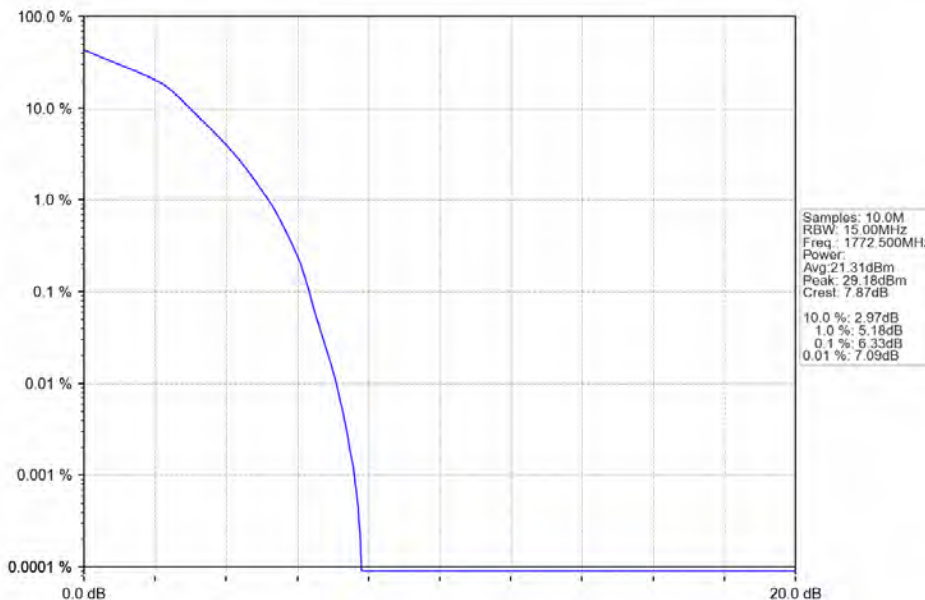
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Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



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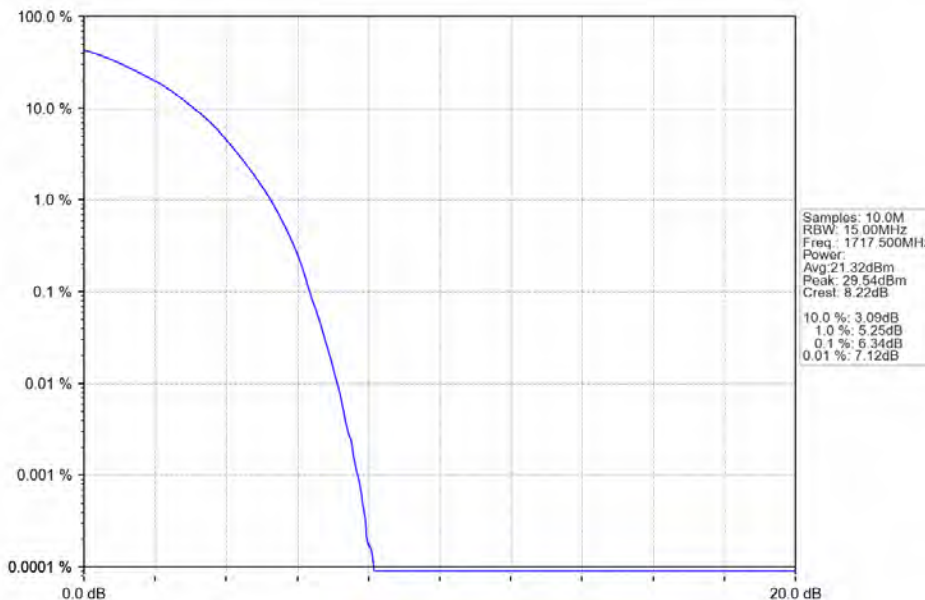
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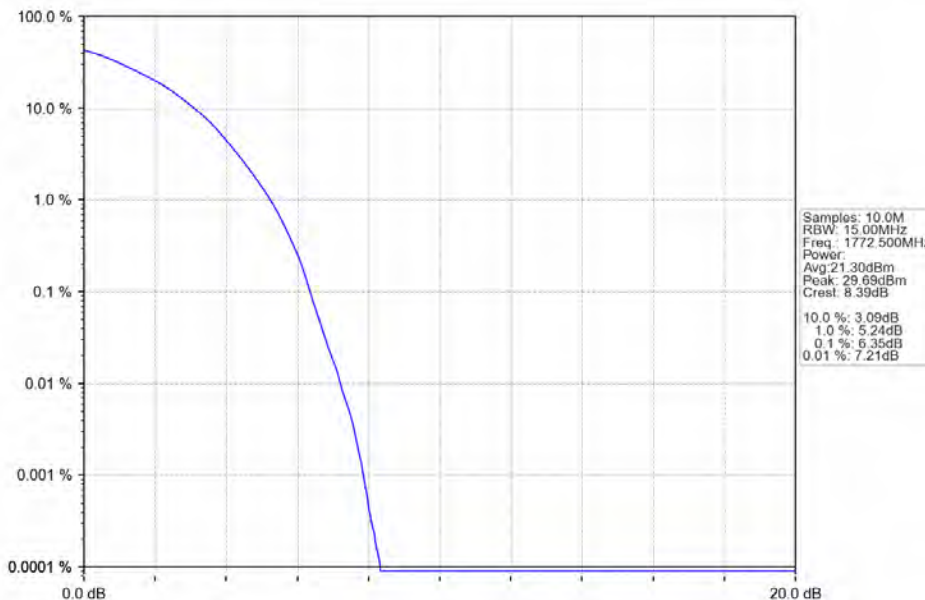
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4.6 B66_20MHz

4.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.53	<=13	Pass
	1745	100	0	5.50	<=13	Pass
	1770	100	0	5.45	<=13	Pass
16QAM	1720	100	0	6.34	<=13	Pass
	1745	100	0	6.32	<=13	Pass
	1770	100	0	6.26	<=13	Pass
64QAM	1720	100	0	6.43	<=13	Pass
	1745	100	0	6.37	<=13	Pass
	1770	100	0	6.30	<=13	Pass



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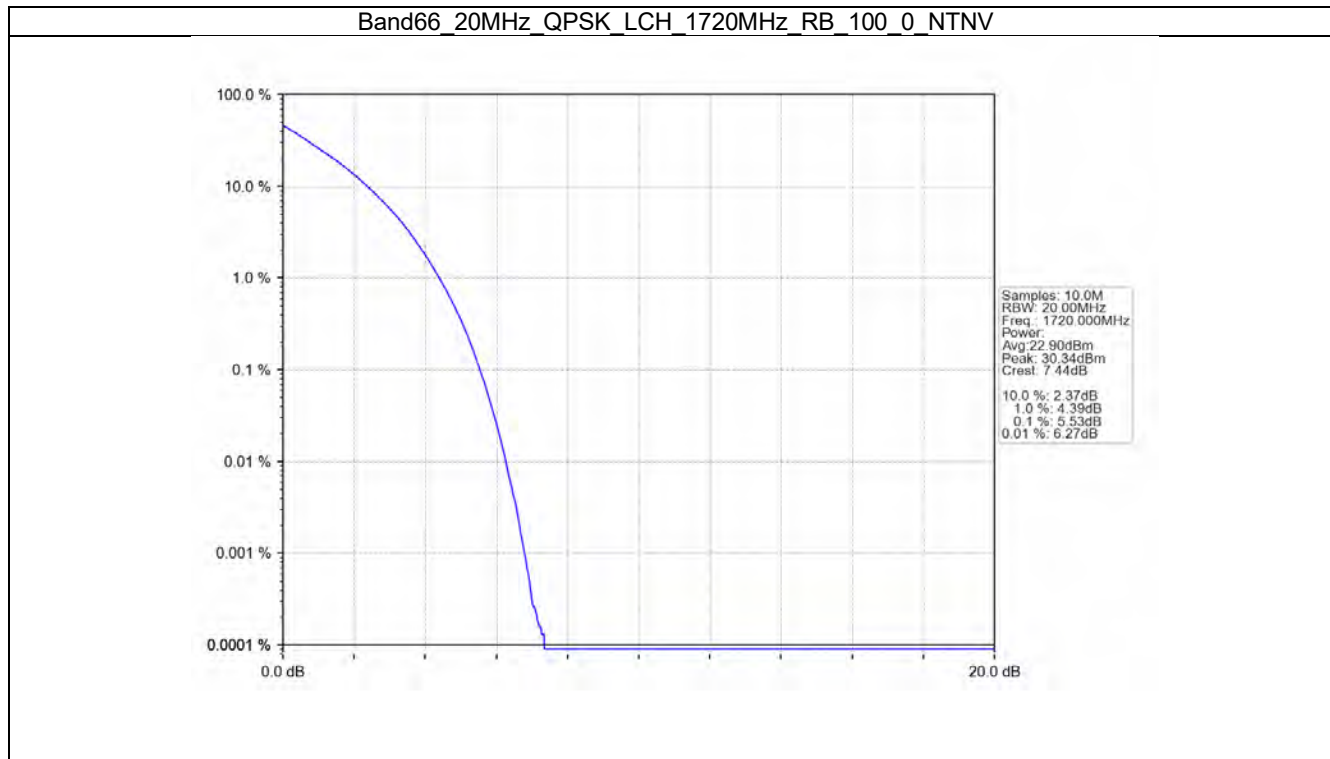
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4.6.2 Test Graph



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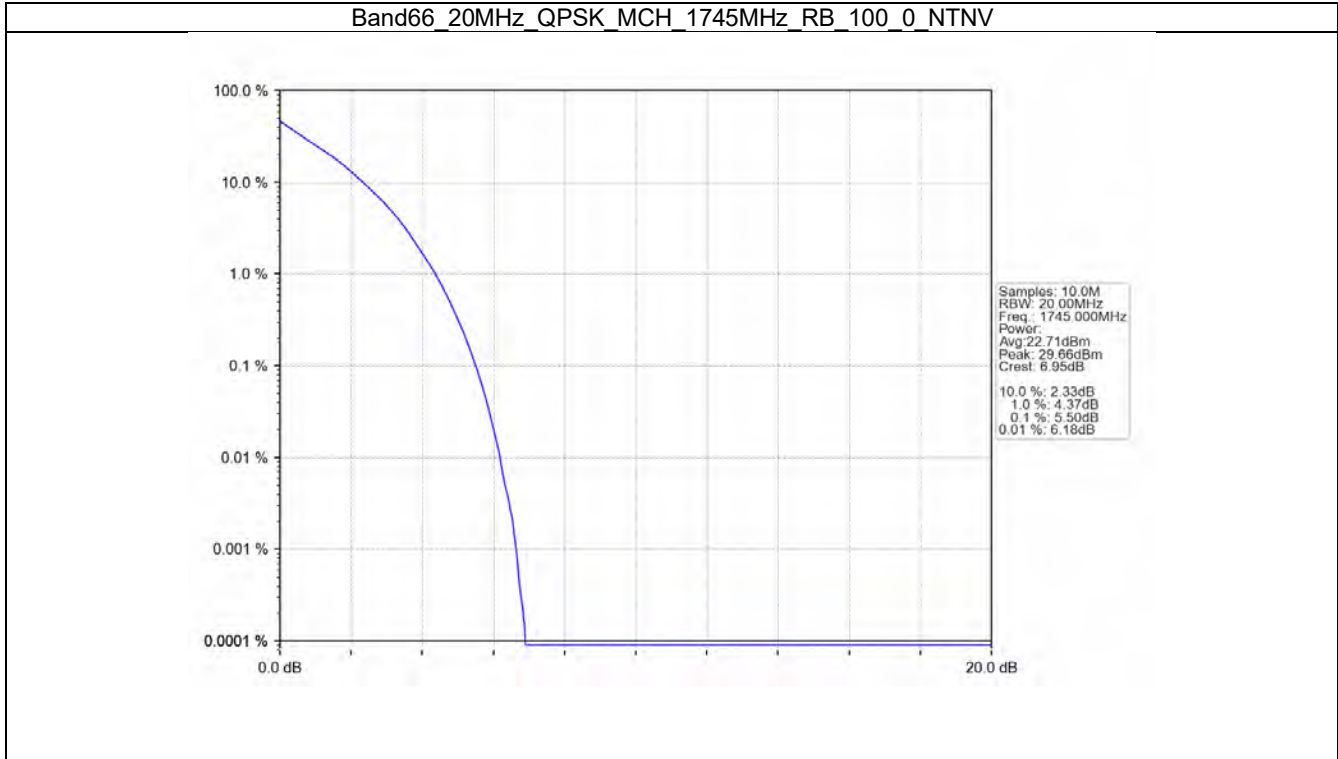
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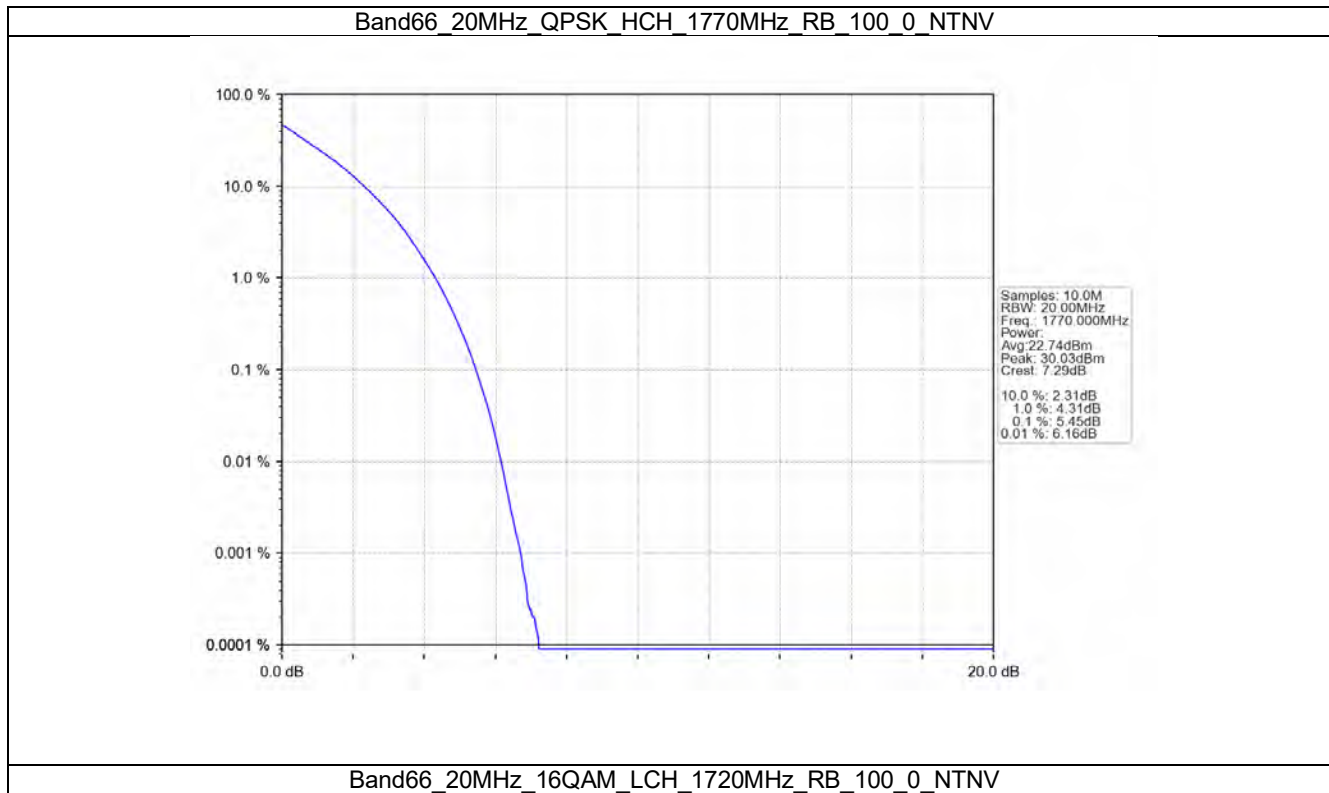


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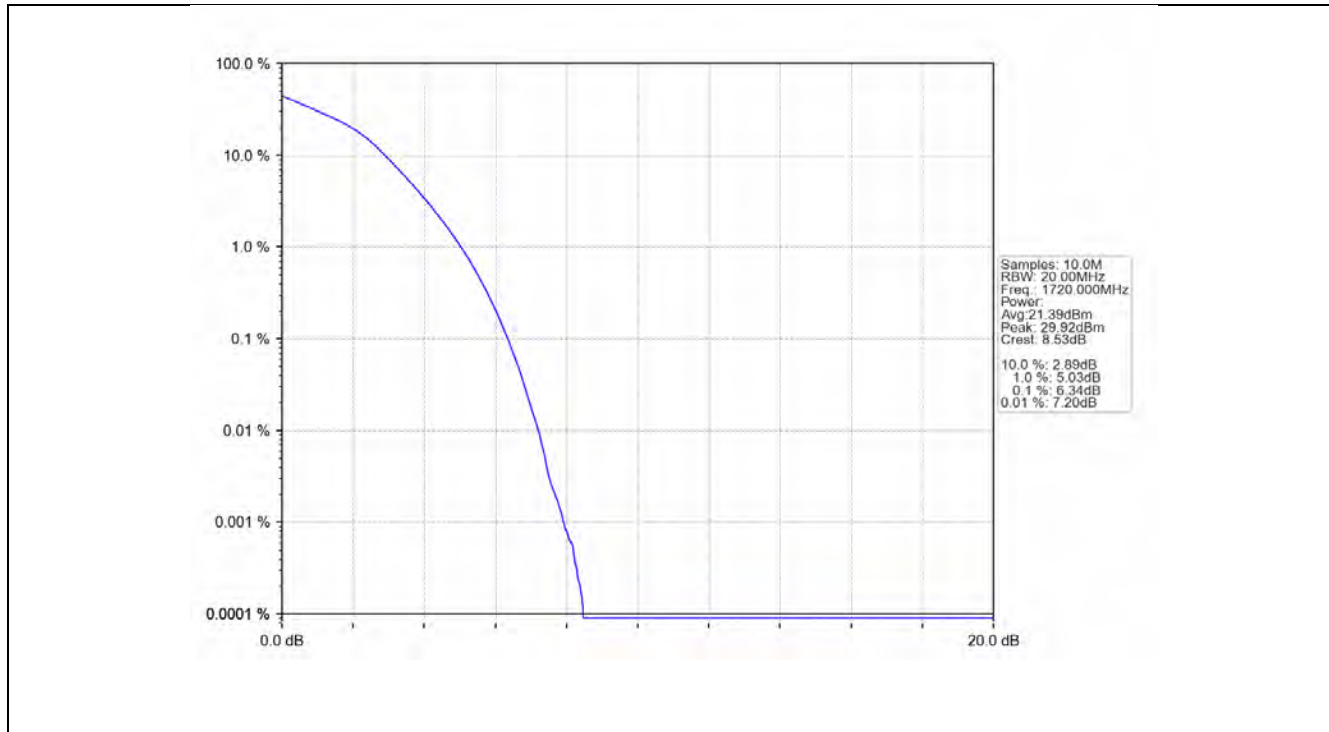


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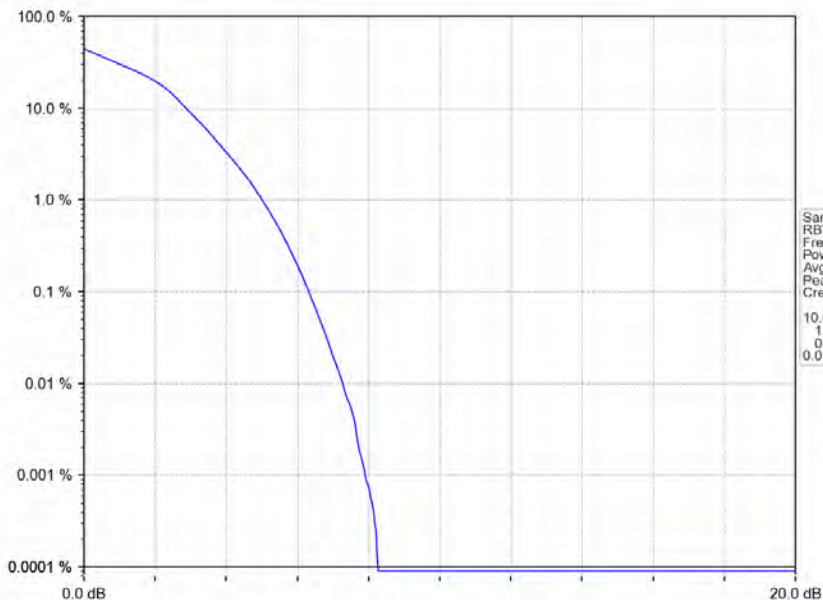
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Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Samples: 10.0M
 RBW: 20.00MHz
 Freq.: 1745.000MHz
 Power:
 Avg: 21.18dBm
 Peak: 29.57dBm
 Crest: 8.39dB

10.0 %: 2.86dB
 1.0 %: 5.01dB
 0.1 %: 6.32dB
 0.01 %: 7.27dB



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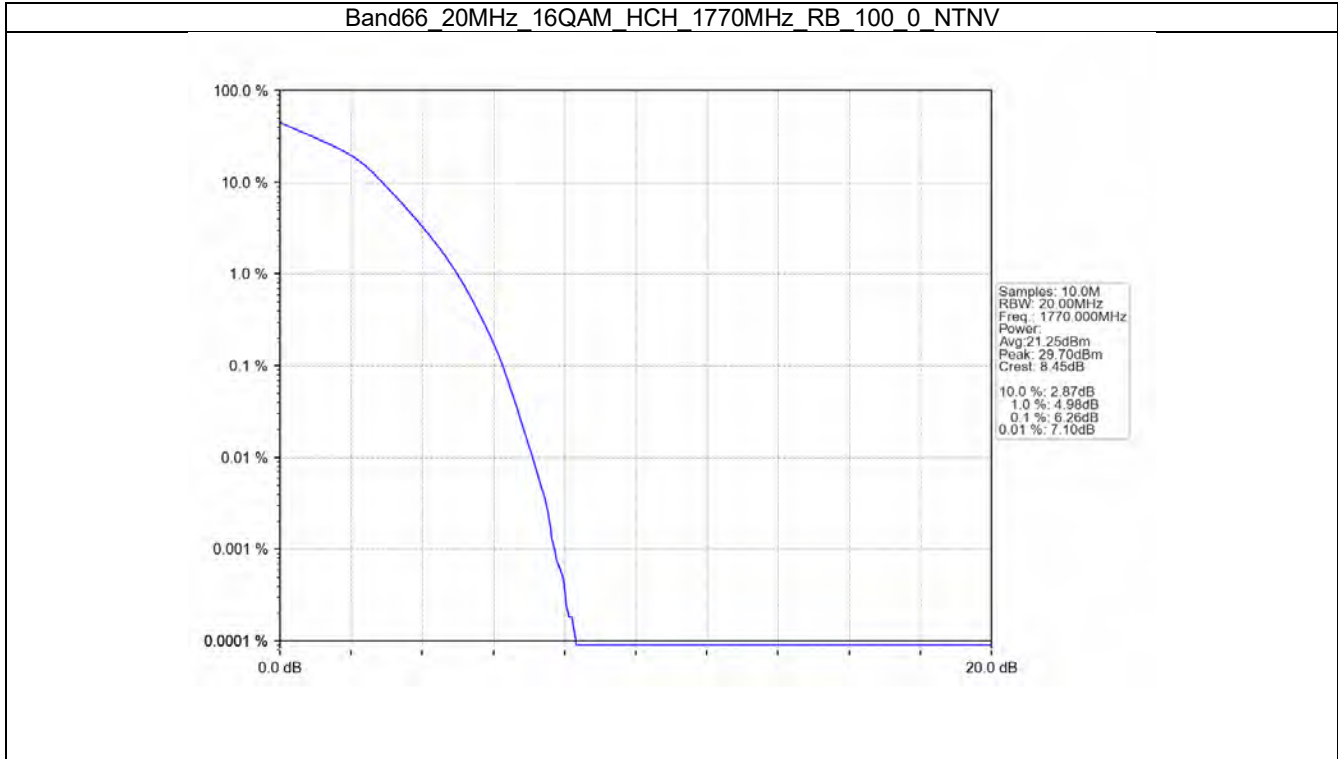
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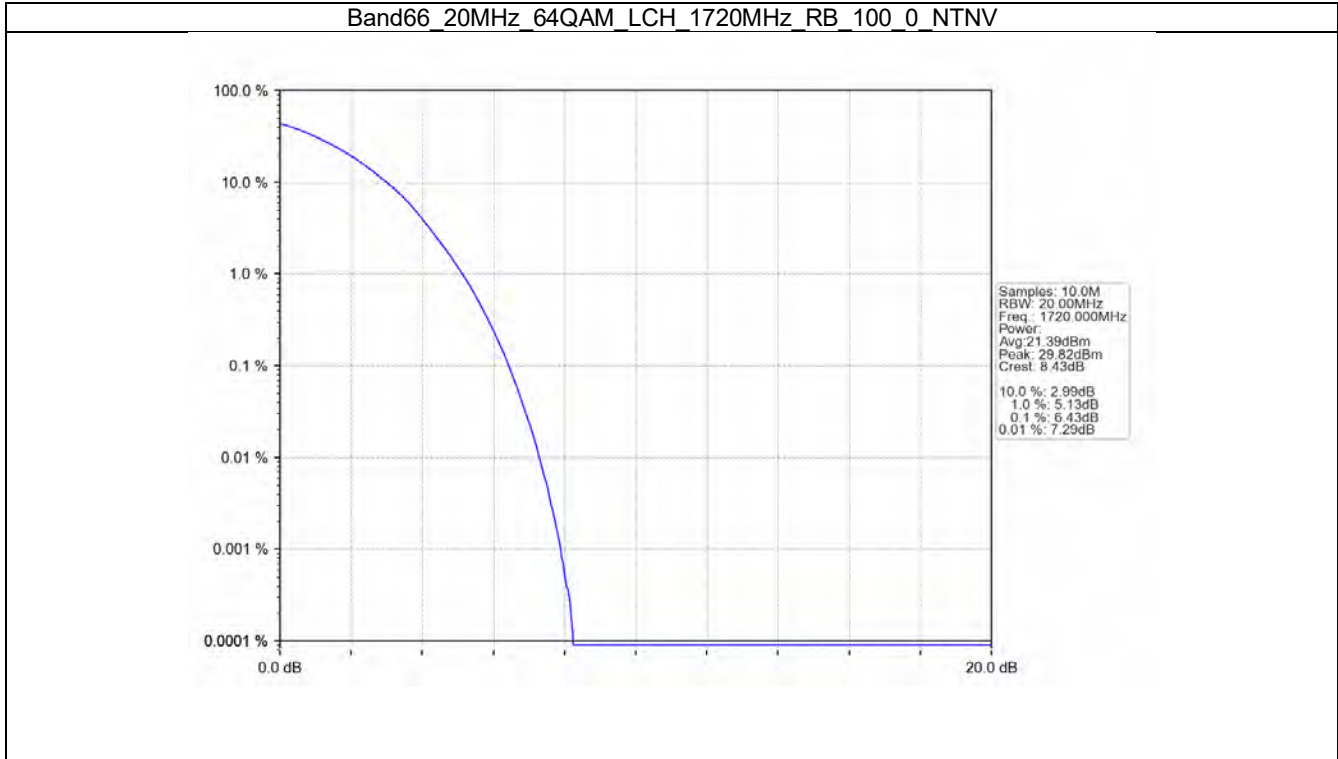
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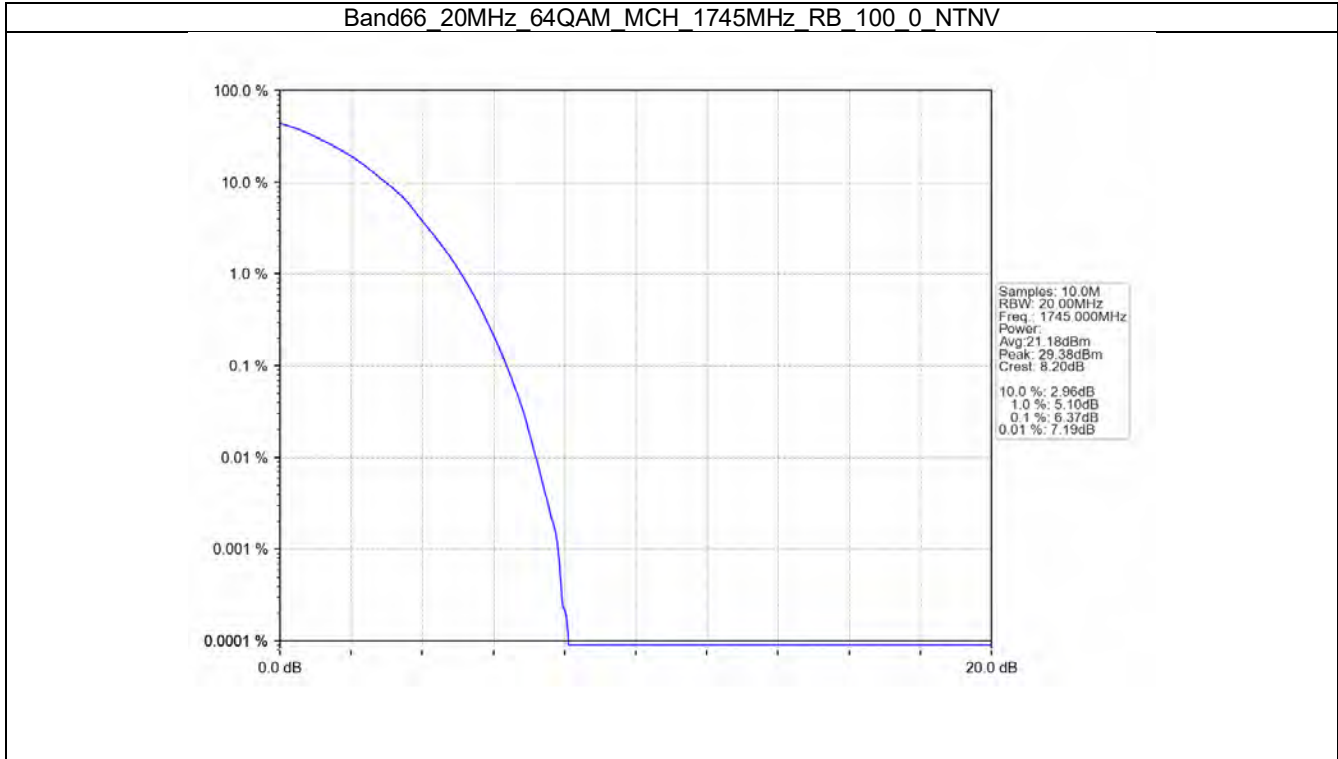
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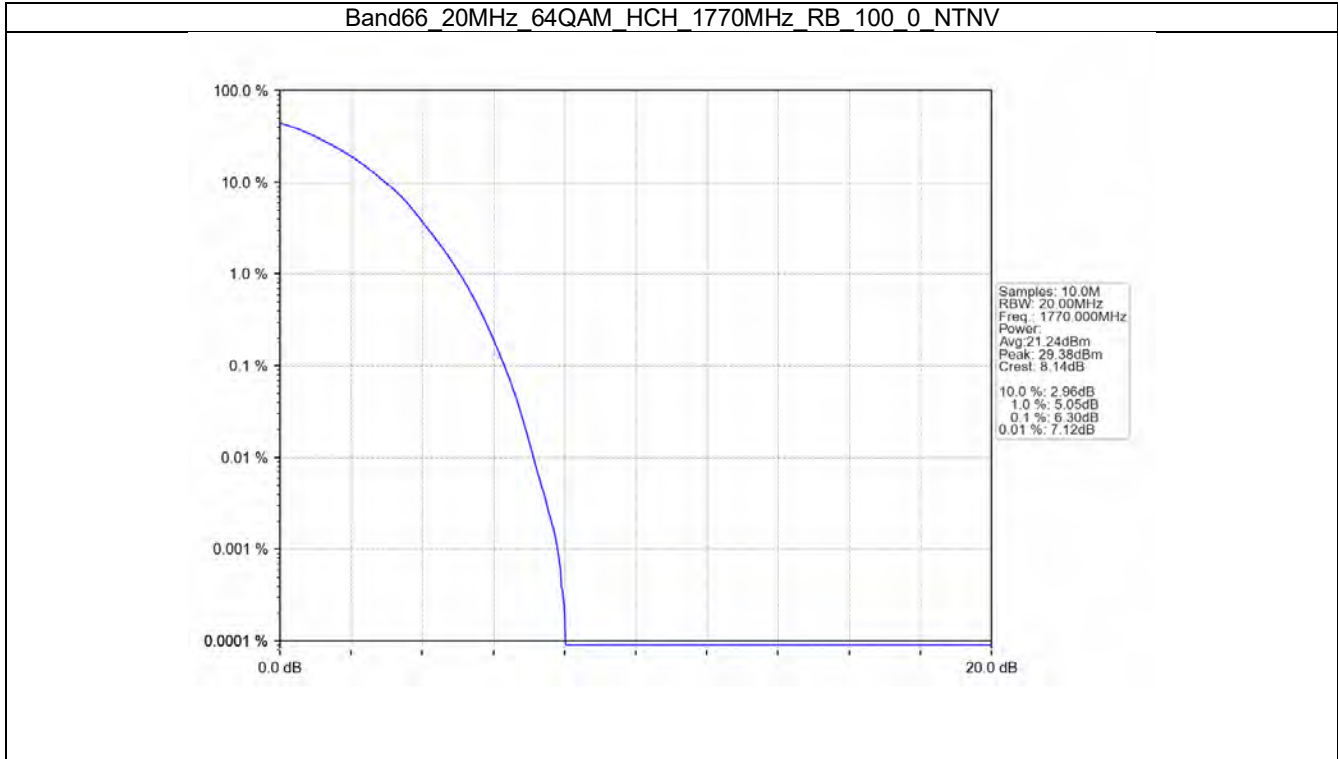
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5. Spurious Emission & Band Edges

5.1 B66_1.4MHz

5.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1779.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1779.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
64QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1779.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass



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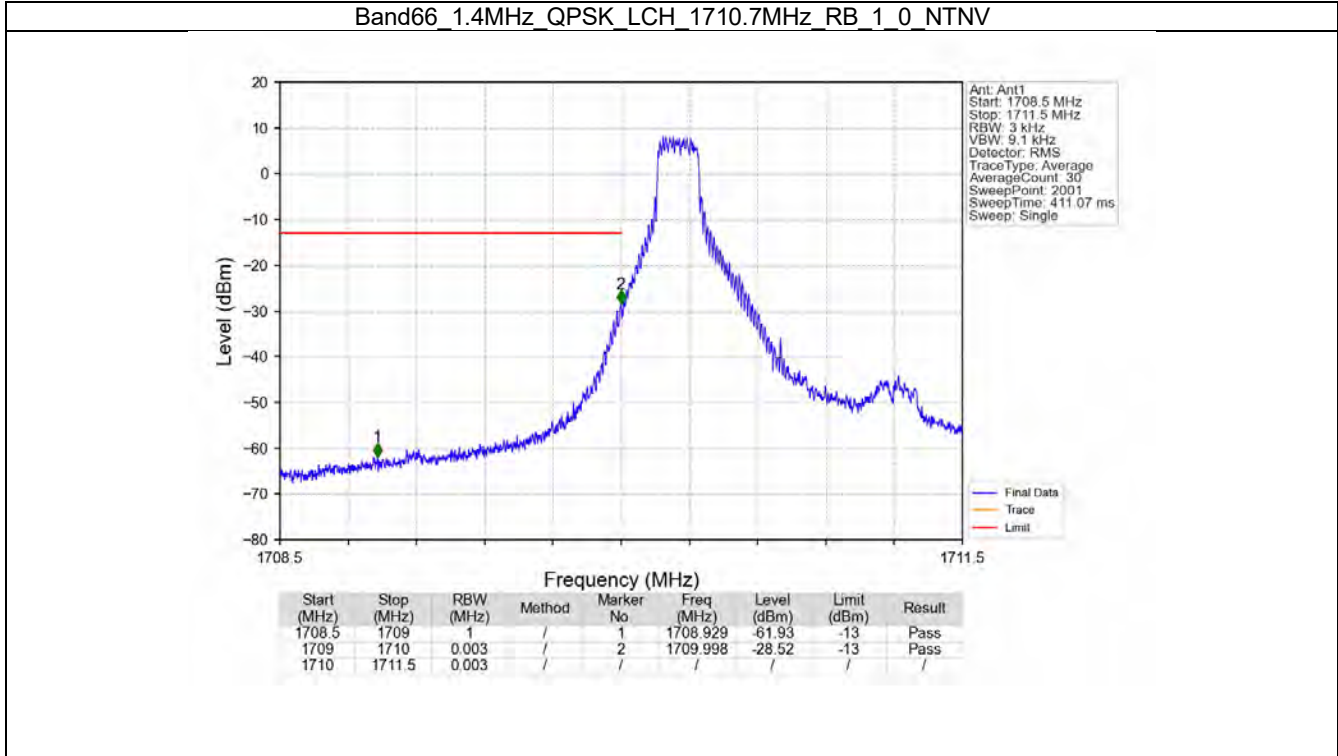
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5.1.2 Test Graph



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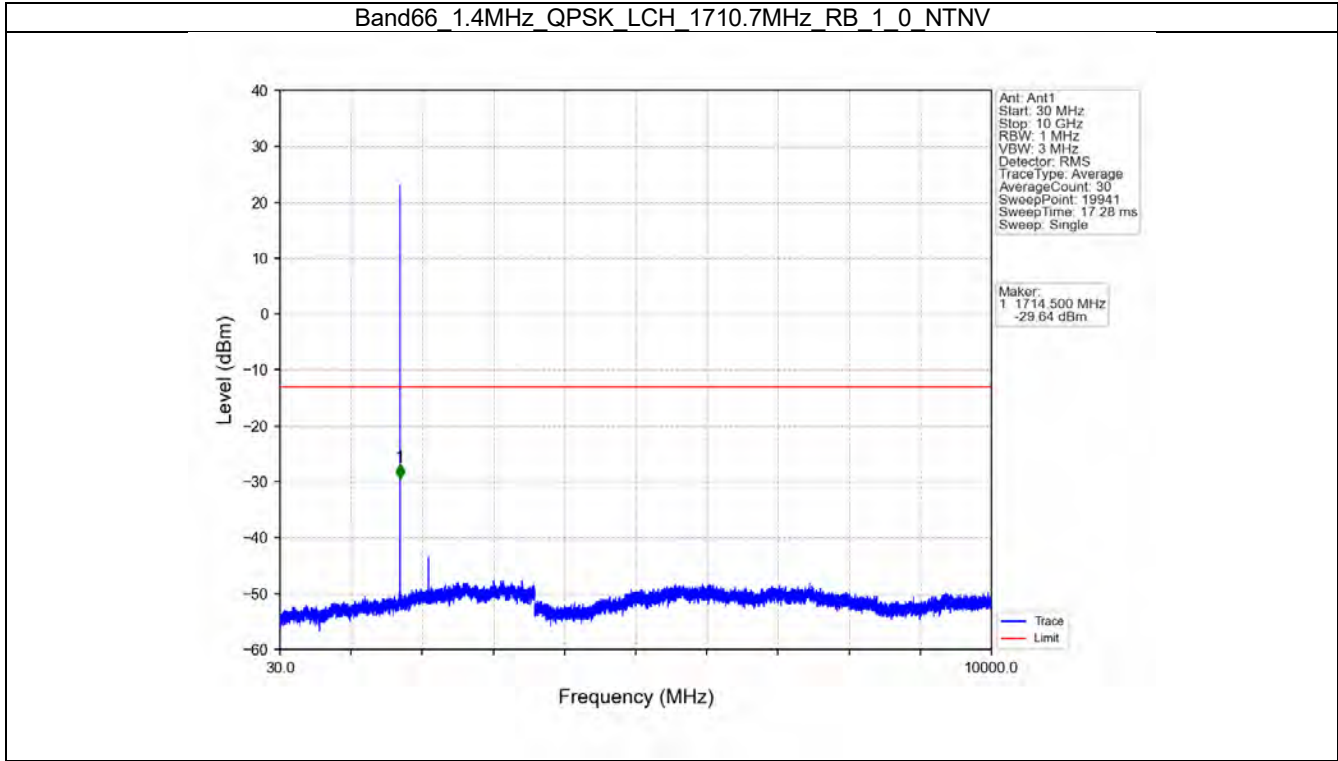
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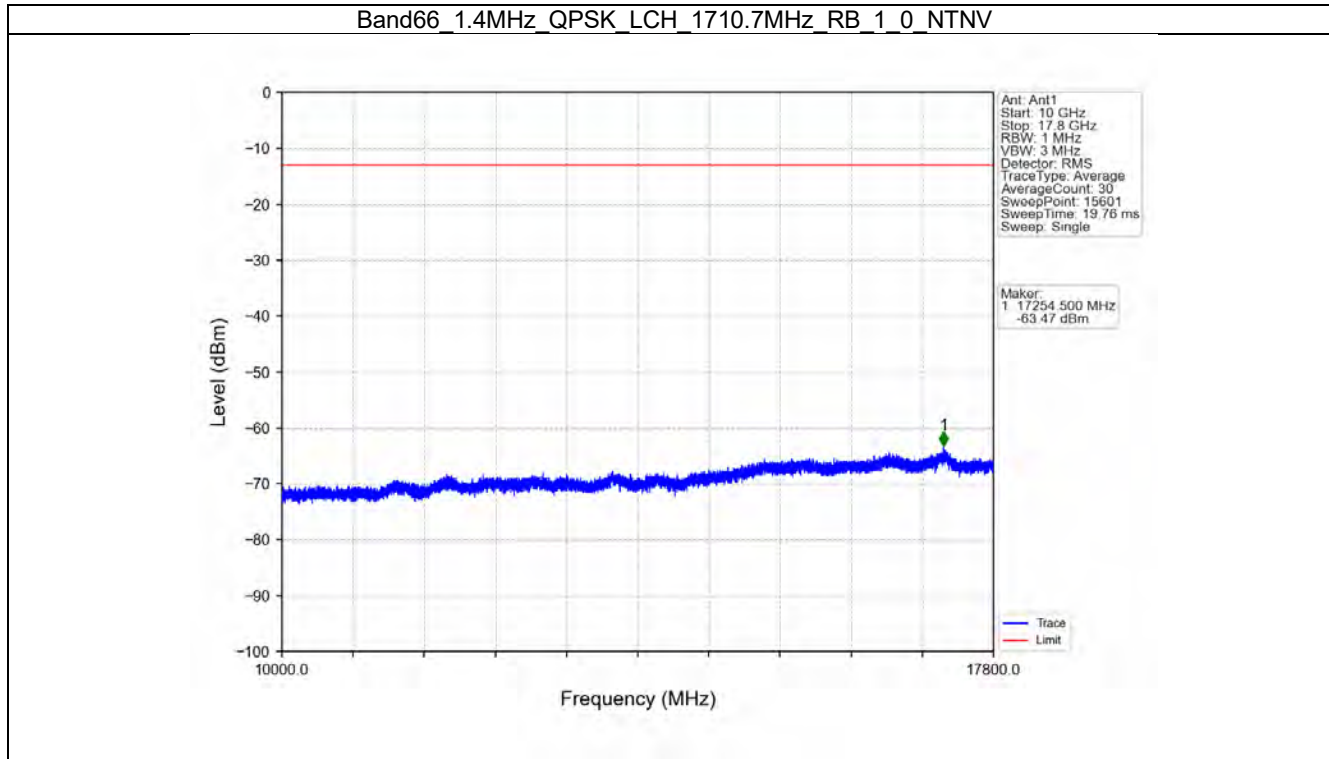


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