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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\_EIRP\_Ant1

#### 1.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTN									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1710.7	1	0	24.12	0.00	24.12	<=30	Pass	
			2	24.34	0.00	24.34	<=30	Pass	
			5	24.11	0.00	24.11	<=30	Pass	
		3	0	24.18	0.00	24.18	<=30	Pass	
			2	24.22	0.00	24.22	<=30	Pass	
			3	24.17	0.00	24.17	<=30	Pass	
		6	0	23.16	0.00	23.16	<=30	Pass	
			1	0	24.19	0.00	24.19	<=30	Pass
				2	24.34	0.00	24.34	<=30	Pass
	5	24.19		0.00	24.19	<=30	Pass		
	1745	3	0	24.28	0.00	24.28	<=30	Pass	
			2	24.30	0.00	24.30	<=30	Pass	
			3	24.28	0.00	24.28	<=30	Pass	
		6	0	23.27	0.00	23.27	<=30	Pass	
			1	0	24.36	0.00	24.36	<=30	Pass
				2	24.54	0.00	24.54	<=30	Pass
	5	24.34		0.00	24.34	<=30	Pass		
	1779.3	3	0	24.32	0.00	24.32	<=30	Pass	
			2	24.33	0.00	24.33	<=30	Pass	
			3	24.28	0.00	24.28	<=30	Pass	
		6	0	23.44	0.00	23.44	<=30	Pass	
			1	0	23.13	0.00	23.13	<=30	Pass
				2	23.30	0.00	23.30	<=30	Pass
		5		23.11	0.00	23.11	<=30	Pass	
1710.7		3	0	23.16	0.00	23.16	<=30	Pass	
			2	23.20	0.00	23.20	<=30	Pass	
	3		23.13	0.00	23.13	<=30	Pass		
	6	0	22.27	0.00	22.27	<=30	Pass		
		1	0	23.32	0.00	23.32	<=30	Pass	
			2	23.50	0.00	23.50	<=30	Pass	
5	23.33		0.00	23.33	<=30	Pass			
1745	3	0	23.30	0.00	23.30	<=30	Pass		
		2	23.37	0.00	23.37	<=30	Pass		
		3	23.34	0.00	23.34	<=30	Pass		
	6	0	22.26	0.00	22.26	<=30	Pass		



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	1779.3	1	0	23.50	0.00	23.50	<=30	Pass		
			2	23.65	0.00	23.65	<=30	Pass		
			5	23.49	0.00	23.49	<=30	Pass		
		3	0	23.43	0.00	23.43	<=30	Pass		
			2	23.43	0.00	23.43	<=30	Pass		
			3	23.38	0.00	23.38	<=30	Pass		
		6	0	22.44	0.00	22.44	<=30	Pass		
		64QAM	1710.7	1	0	22.48	0.00	22.48	<=30	Pass
					2	22.65	0.00	22.65	<=30	Pass
5	22.44				0.00	22.44	<=30	Pass		
3	0			22.29	0.00	22.29	<=30	Pass		
	2			22.32	0.00	22.32	<=30	Pass		
	3			22.30	0.00	22.30	<=30	Pass		
6	0			21.16	0.00	21.16	<=30	Pass		
1745	1			0	22.34	0.00	22.34	<=30	Pass	
				2	22.56	0.00	22.56	<=30	Pass	
			5	22.38	0.00	22.38	<=30	Pass		
	3		0	22.38	0.00	22.38	<=30	Pass		
			2	22.44	0.00	22.44	<=30	Pass		
			3	22.40	0.00	22.40	<=30	Pass		
	6		0	21.29	0.00	21.29	<=30	Pass		
	1779.3		1	0	22.95	0.00	22.95	<=30	Pass	
				2	23.13	0.00	23.13	<=30	Pass	
5				22.94	0.00	22.94	<=30	Pass		
3			0	22.64	0.00	22.64	<=30	Pass		
			2	22.66	0.00	22.66	<=30	Pass		
			3	22.65	0.00	22.65	<=30	Pass		
6			0	21.46	0.00	21.46	<=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	24.09	0.00	24.09	<=30	Pass		
			7	24.06	0.00	24.06	<=30	Pass		
			14	24.02	0.00	24.02	<=30	Pass		
		8	0	23.10	0.00	23.10	<=30	Pass		
			4	23.10	0.00	23.10	<=30	Pass		
			7	23.06	0.00	23.06	<=30	Pass		
		15	0	23.01	0.00	23.01	<=30	Pass		
		1745	1	0	24.19	0.00	24.19	<=30	Pass	
				7	24.26	0.00	24.26	<=30	Pass	
	14			24.23	0.00	24.23	<=30	Pass		
	8		0	23.22	0.00	23.22	<=30	Pass		
			4	23.22	0.00	23.22	<=30	Pass		
			7	23.20	0.00	23.20	<=30	Pass		
	15		0	23.14	0.00	23.14	<=30	Pass		
	1778.5		1	0	24.35	0.00	24.35	<=30	Pass	
				7	24.37	0.00	24.37	<=30	Pass	
		14		24.38	0.00	24.38	<=30	Pass		
		8	0	23.39	0.00	23.39	<=30	Pass		
			4	23.43	0.00	23.43	<=30	Pass		
			7	23.34	0.00	23.34	<=30	Pass		
		15	0	23.29	0.00	23.29	<=30	Pass		
		16QAM	1711.5	1	0	23.22	0.00	23.22	<=30	Pass
					7	23.27	0.00	23.27	<=30	Pass
	14				23.19	0.00	23.19	<=30	Pass	
8	0			22.30	0.00	22.30	<=30	Pass		
	4			22.34	0.00	22.34	<=30	Pass		
	7			22.30	0.00	22.30	<=30	Pass		
15	0			22.11	0.00	22.11	<=30	Pass		
1745	1			0	23.25	0.00	23.25	<=30	Pass	
				7	23.26	0.00	23.26	<=30	Pass	
			14	23.20	0.00	23.20	<=30	Pass		
	8		0	22.39	0.00	22.39	<=30	Pass		
			4	22.44	0.00	22.44	<=30	Pass		
			7	22.40	0.00	22.40	<=30	Pass		
	15		0	22.24	0.00	22.24	<=30	Pass		
	1778.5		1	0	23.47	0.00	23.47	<=30	Pass	
				7	23.40	0.00	23.40	<=30	Pass	
14				23.37	0.00	23.37	<=30	Pass		



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64QAM	1711.5	8	0	22.41	0.00	22.41	<=30	Pass	
			4	22.43	0.00	22.43	<=30	Pass	
			7	22.38	0.00	22.38	<=30	Pass	
		15	0	22.35	0.00	22.35	<=30	Pass	
			1	0	22.37	0.00	22.37	<=30	Pass
			7	22.41	0.00	22.41	<=30	Pass	
	1745	8	14	22.31	0.00	22.31	<=30	Pass	
			0	21.17	0.00	21.17	<=30	Pass	
			4	21.21	0.00	21.21	<=30	Pass	
		15	7	21.16	0.00	21.16	<=30	Pass	
			0	21.11	0.00	21.11	<=30	Pass	
			1	0	22.56	0.00	22.56	<=30	Pass
	1778.5	8	7	22.61	0.00	22.61	<=30	Pass	
			14	22.55	0.00	22.55	<=30	Pass	
			0	21.20	0.00	21.20	<=30	Pass	
		15	4	21.26	0.00	21.26	<=30	Pass	
			7	21.21	0.00	21.21	<=30	Pass	
			0	21.17	0.00	21.17	<=30	Pass	
	1778.5	1	0	22.48	0.00	22.48	<=30	Pass	
			7	22.54	0.00	22.54	<=30	Pass	
			14	22.50	0.00	22.50	<=30	Pass	
		8	0	21.38	0.00	21.38	<=30	Pass	
			4	21.40	0.00	21.40	<=30	Pass	
			7	21.36	0.00	21.36	<=30	Pass	
15	0	21.18	0.00	21.18	<=30	Pass			



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## 1.3 B66\_5MHz\_EIRP

### 1.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTN/V										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1712.5	1	0	23.97	0.00	23.97	<=30	Pass		
			13	24.06	0.00	24.06	<=30	Pass		
			24	23.89	0.00	23.89	<=30	Pass		
		12	0	22.97	0.00	22.97	<=30	Pass		
			6	23.07	0.00	23.07	<=30	Pass		
			13	23.00	0.00	23.00	<=30	Pass		
		25	0	23.04	0.00	23.04	<=30	Pass		
		1745	1	0	24.12	0.00	24.12	<=30	Pass	
				13	24.28	0.00	24.28	<=30	Pass	
	24			24.14	0.00	24.14	<=30	Pass		
	12		0	23.19	0.00	23.19	<=30	Pass		
			6	23.23	0.00	23.23	<=30	Pass		
			13	23.16	0.00	23.16	<=30	Pass		
	25		0	23.15	0.00	23.15	<=30	Pass		
	1777.5		1	0	24.23	0.00	24.23	<=30	Pass	
				13	24.39	0.00	24.39	<=30	Pass	
		24		24.25	0.00	24.25	<=30	Pass		
		12	0	23.34	0.00	23.34	<=30	Pass		
			6	23.36	0.00	23.36	<=30	Pass		
			13	23.26	0.00	23.26	<=30	Pass		
		25	0	23.30	0.00	23.30	<=30	Pass		
		16QAM	1712.5	1	0	23.16	0.00	23.16	<=30	Pass
					13	23.23	0.00	23.23	<=30	Pass
	24				23.09	0.00	23.09	<=30	Pass	
12	0			22.07	0.00	22.07	<=30	Pass		
	6			22.15	0.00	22.15	<=30	Pass		
	13			22.05	0.00	22.05	<=30	Pass		
25	0			22.08	0.00	22.08	<=30	Pass		
1745	1			0	23.29	0.00	23.29	<=30	Pass	
				13	23.42	0.00	23.42	<=30	Pass	
			24	23.31	0.00	23.31	<=30	Pass		
	12		0	22.21	0.00	22.21	<=30	Pass		
			6	22.25	0.00	22.25	<=30	Pass		
			13	22.21	0.00	22.21	<=30	Pass		
	25		0	22.21	0.00	22.21	<=30	Pass		
	1777.5		1	0	23.46	0.00	23.46	<=30	Pass	
				13	23.57	0.00	23.57	<=30	Pass	
24				23.44	0.00	23.44	<=30	Pass		



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		12	0	22.33	0.00	22.33	<=30	Pass	
			6	22.35	0.00	22.35	<=30	Pass	
			13	22.24	0.00	22.24	<=30	Pass	
		25	0	22.36	0.00	22.36	<=30	Pass	
64QAM	1712.5	1	0	22.28	0.00	22.28	<=30	Pass	
			13	22.34	0.00	22.34	<=30	Pass	
			24	22.20	0.00	22.20	<=30	Pass	
		12	0	21.02	0.00	21.02	<=30	Pass	
			6	21.08	0.00	21.08	<=30	Pass	
			13	20.98	0.00	20.98	<=30	Pass	
		25	0	20.99	0.00	20.99	<=30	Pass	
		1745	1	0	22.33	0.00	22.33	<=30	Pass
				13	22.45	0.00	22.45	<=30	Pass
	24			22.33	0.00	22.33	<=30	Pass	
	12		0	21.23	0.00	21.23	<=30	Pass	
			6	21.27	0.00	21.27	<=30	Pass	
			13	21.20	0.00	21.20	<=30	Pass	
	25		0	21.17	0.00	21.17	<=30	Pass	
	1777.5		1	0	22.25	0.00	22.25	<=30	Pass
				13	22.35	0.00	22.35	<=30	Pass
		24		22.29	0.00	22.29	<=30	Pass	
		12	0	21.23	0.00	21.23	<=30	Pass	
			6	21.24	0.00	21.24	<=30	Pass	
			13	21.18	0.00	21.18	<=30	Pass	
		25	0	21.27	0.00	21.27	<=30	Pass	



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## 1.4 B66\_10MHz\_EIRP

### 1.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1715	1	0	24.08	0.00	24.08	<=30	Pass		
			25	24.13	0.00	24.13	<=30	Pass		
			49	23.96	0.00	23.96	<=30	Pass		
		25	0	23.03	0.00	23.03	<=30	Pass		
			13	23.01	0.00	23.01	<=30	Pass		
			25	23.00	0.00	23.00	<=30	Pass		
		50	0	22.99	0.00	22.99	<=30	Pass		
		1745	1	0	24.15	0.00	24.15	<=30	Pass	
				25	24.31	0.00	24.31	<=30	Pass	
	49			24.22	0.00	24.22	<=30	Pass		
	25		0	23.17	0.00	23.17	<=30	Pass		
			13	23.19	0.00	23.19	<=30	Pass		
			25	23.14	0.00	23.14	<=30	Pass		
	50		0	23.14	0.00	23.14	<=30	Pass		
	1775		1	0	24.34	0.00	24.34	<=30	Pass	
				25	24.39	0.00	24.39	<=30	Pass	
		49		24.34	0.00	24.34	<=30	Pass		
		25	0	23.42	0.00	23.42	<=30	Pass		
			13	23.33	0.00	23.33	<=30	Pass		
			25	23.28	0.00	23.28	<=30	Pass		
		50	0	23.33	0.00	23.33	<=30	Pass		
		16QAM	1715	1	0	23.22	0.00	23.22	<=30	Pass
					25	23.29	0.00	23.29	<=30	Pass
	49				23.14	0.00	23.14	<=30	Pass	
25	0			22.12	0.00	22.12	<=30	Pass		
	13			22.10	0.00	22.10	<=30	Pass		
	25			22.10	0.00	22.10	<=30	Pass		
50	0			22.07	0.00	22.07	<=30	Pass		
1745	1			0	23.15	0.00	23.15	<=30	Pass	
				25	23.34	0.00	23.34	<=30	Pass	
			49	23.22	0.00	23.22	<=30	Pass		
	25		0	22.29	0.00	22.29	<=30	Pass		
			13	22.30	0.00	22.30	<=30	Pass		
			25	22.23	0.00	22.23	<=30	Pass		
	50		0	22.20	0.00	22.20	<=30	Pass		
	1775		1	0	23.51	0.00	23.51	<=30	Pass	
				25	23.54	0.00	23.54	<=30	Pass	
49				23.40	0.00	23.40	<=30	Pass		



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		25	0	22.45	0.00	22.45	<=30	Pass	
			13	22.38	0.00	22.38	<=30	Pass	
			25	22.32	0.00	22.32	<=30	Pass	
		50	0	22.34	0.00	22.34	<=30	Pass	
64QAM	1715	1	0	22.39	0.00	22.39	<=30	Pass	
			25	22.41	0.00	22.41	<=30	Pass	
			49	22.27	0.00	22.27	<=30	Pass	
		25	0	21.00	0.00	21.00	<=30	Pass	
			13	20.97	0.00	20.97	<=30	Pass	
			25	20.98	0.00	20.98	<=30	Pass	
		50	0	21.01	0.00	21.01	<=30	Pass	
		1745	1	0	22.52	0.00	22.52	<=30	Pass
				25	22.70	0.00	22.70	<=30	Pass
	49			22.63	0.00	22.63	<=30	Pass	
	25		0	21.21	0.00	21.21	<=30	Pass	
			13	21.20	0.00	21.20	<=30	Pass	
			25	21.17	0.00	21.17	<=30	Pass	
	50		0	21.13	0.00	21.13	<=30	Pass	
	1775		1	0	22.53	0.00	22.53	<=30	Pass
				25	22.60	0.00	22.60	<=30	Pass
		49		22.48	0.00	22.48	<=30	Pass	
		25	0	21.38	0.00	21.38	<=30	Pass	
			13	21.26	0.00	21.26	<=30	Pass	
			25	21.25	0.00	21.25	<=30	Pass	
		50	0	21.27	0.00	21.27	<=30	Pass	



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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	23.99	0.00	23.99	<=30	Pass		
			38	24.04	0.00	24.04	<=30	Pass		
			74	23.86	0.00	23.86	<=30	Pass		
		36	0	23.08	0.00	23.08	<=30	Pass		
			18	23.08	0.00	23.08	<=30	Pass		
			39	23.07	0.00	23.07	<=30	Pass		
		75	0	23.07	0.00	23.07	<=30	Pass		
		1745	1	0	24.08	0.00	24.08	<=30	Pass	
				38	24.27	0.00	24.27	<=30	Pass	
	74			24.12	0.00	24.12	<=30	Pass		
	36		0	23.25	0.00	23.25	<=30	Pass		
			18	23.28	0.00	23.28	<=30	Pass		
			39	23.24	0.00	23.24	<=30	Pass		
	75		0	23.27	0.00	23.27	<=30	Pass		
	1772.5		1	0	24.21	0.00	24.21	<=30	Pass	
				38	24.32	0.00	24.32	<=30	Pass	
		74		24.18	0.00	24.18	<=30	Pass		
		36	0	23.42	0.00	23.42	<=30	Pass		
			18	23.46	0.00	23.46	<=30	Pass		
			39	23.39	0.00	23.39	<=30	Pass		
		75	0	23.40	0.00	23.40	<=30	Pass		
		16QAM	1717.5	1	0	23.19	0.00	23.19	<=30	Pass
					38	23.22	0.00	23.22	<=30	Pass
	74				23.00	0.00	23.00	<=30	Pass	
36	0			22.12	0.00	22.12	<=30	Pass		
	18			22.09	0.00	22.09	<=30	Pass		
	39			22.13	0.00	22.13	<=30	Pass		
75	0			22.09	0.00	22.09	<=30	Pass		
1745	1			0	23.07	0.00	23.07	<=30	Pass	
				38	23.29	0.00	23.29	<=30	Pass	
			74	23.15	0.00	23.15	<=30	Pass		
	36		0	22.22	0.00	22.22	<=30	Pass		
			18	22.26	0.00	22.26	<=30	Pass		
			39	22.25	0.00	22.25	<=30	Pass		
	75		0	22.29	0.00	22.29	<=30	Pass		
	1772.5		1	0	23.63	0.00	23.63	<=30	Pass	
				38	23.73	0.00	23.73	<=30	Pass	
74				23.55	0.00	23.55	<=30	Pass		



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		36	0	22.40	0.00	22.40	<=30	Pass	
			18	22.42	0.00	22.42	<=30	Pass	
			39	22.33	0.00	22.33	<=30	Pass	
		75	0	22.39	0.00	22.39	<=30	Pass	
64QAM	1717.5	1	0	22.29	0.00	22.29	<=30	Pass	
			38	22.31	0.00	22.31	<=30	Pass	
			74	22.21	0.00	22.21	<=30	Pass	
		36	0	21.09	0.00	21.09	<=30	Pass	
			18	21.09	0.00	21.09	<=30	Pass	
			39	21.08	0.00	21.08	<=30	Pass	
		75	0	21.08	0.00	21.08	<=30	Pass	
		1745	1	0	22.49	0.00	22.49	<=30	Pass
				38	22.63	0.00	22.63	<=30	Pass
	74			22.51	0.00	22.51	<=30	Pass	
	36		0	21.19	0.00	21.19	<=30	Pass	
			18	21.22	0.00	21.22	<=30	Pass	
			39	21.19	0.00	21.19	<=30	Pass	
	75		0	21.23	0.00	21.23	<=30	Pass	
	1772.5		1	0	22.41	0.00	22.41	<=30	Pass
				38	22.58	0.00	22.58	<=30	Pass
		74		22.39	0.00	22.39	<=30	Pass	
		36	0	21.35	0.00	21.35	<=30	Pass	
			18	21.35	0.00	21.35	<=30	Pass	
			39	21.25	0.00	21.25	<=30	Pass	
		75	0	21.40	0.00	21.40	<=30	Pass	



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## 1.6 B66\_20MHz\_EIRP

### 1.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1720	1	0	23.94	0.00	23.94	<=30	Pass		
			50	24.17	0.00	24.17	<=30	Pass		
			99	23.92	0.00	23.92	<=30	Pass		
		50	0	22.97	0.00	22.97	<=30	Pass		
			25	22.98	0.00	22.98	<=30	Pass		
			50	23.02	0.00	23.02	<=30	Pass		
		100	0	22.98	0.00	22.98	<=30	Pass		
		1745	1	0	23.90	0.00	23.90	<=30	Pass	
				50	24.27	0.00	24.27	<=30	Pass	
	99			24.05	0.00	24.05	<=30	Pass		
	50		0	23.14	0.00	23.14	<=30	Pass		
			25	23.15	0.00	23.15	<=30	Pass		
			50	23.08	0.00	23.08	<=30	Pass		
	100		0	23.13	0.00	23.13	<=30	Pass		
	1770		1	0	24.15	0.00	24.15	<=30	Pass	
				50	24.42	0.00	24.42	<=30	Pass	
		99		24.16	0.00	24.16	<=30	Pass		
		50	0	23.26	0.00	23.26	<=30	Pass		
			25	23.32	0.00	23.32	<=30	Pass		
			50	23.16	0.00	23.16	<=30	Pass		
		100	0	23.20	0.00	23.20	<=30	Pass		
		16QAM	1720	1	0	23.12	0.00	23.12	<=30	Pass
					50	23.33	0.00	23.33	<=30	Pass
	99				23.08	0.00	23.08	<=30	Pass	
50	0			22.07	0.00	22.07	<=30	Pass		
	25			22.02	0.00	22.02	<=30	Pass		
	50			22.10	0.00	22.10	<=30	Pass		
100	0			22.04	0.00	22.04	<=30	Pass		
1745	1			0	23.28	0.00	23.28	<=30	Pass	
				50	23.67	0.00	23.67	<=30	Pass	
			99	23.47	0.00	23.47	<=30	Pass		
	50		0	22.23	0.00	22.23	<=30	Pass		
			25	22.19	0.00	22.19	<=30	Pass		
			50	22.16	0.00	22.16	<=30	Pass		
	100		0	22.17	0.00	22.17	<=30	Pass		
	1770		1	0	23.35	0.00	23.35	<=30	Pass	
				50	23.70	0.00	23.70	<=30	Pass	
99				23.26	0.00	23.26	<=30	Pass		



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		50	0	22.30	0.00	22.30	<=30	Pass	
			25	22.39	0.00	22.39	<=30	Pass	
			50	22.20	0.00	22.20	<=30	Pass	
		100	0	22.28	0.00	22.28	<=30	Pass	
64QAM	1720	1	0	22.14	0.00	22.14	<=30	Pass	
			50	22.42	0.00	22.42	<=30	Pass	
			99	22.15	0.00	22.15	<=30	Pass	
		50	0	20.99	0.00	20.99	<=30	Pass	
			25	20.99	0.00	20.99	<=30	Pass	
			50	21.07	0.00	21.07	<=30	Pass	
		100	0	20.98	0.00	20.98	<=30	Pass	
		1745	1	0	22.06	0.00	22.06	<=30	Pass
				50	22.44	0.00	22.44	<=30	Pass
	99			22.24	0.00	22.24	<=30	Pass	
	50		0	21.19	0.00	21.19	<=30	Pass	
			25	21.19	0.00	21.19	<=30	Pass	
			50	21.13	0.00	21.13	<=30	Pass	
	100		0	21.16	0.00	21.16	<=30	Pass	
	1770		1	0	22.33	0.00	22.33	<=30	Pass
				50	22.59	0.00	22.59	<=30	Pass
		99		22.30	0.00	22.30	<=30	Pass	
		50	0	21.24	0.00	21.24	<=30	Pass	
			25	21.34	0.00	21.34	<=30	Pass	
			50	21.17	0.00	21.17	<=30	Pass	
		100	0	21.19	0.00	21.19	<=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	3.6	-0.229	-0.0001	/	Pass	
					3.84	-2.604	-0.0015	/	Pass	
					4.3	-1.373	-0.0008	/	Pass	
				-30	3.84	-7.024	-0.0041	/	Pass	
					-20	3.84	-1.659	-0.0010	/	Pass
					-10	3.84	-0.658	-0.0004	/	Pass
				0	3.84	-3.219	-0.0019	/	Pass	
					10	3.84	0.157	0.0001	/	Pass
					30	3.84	-2.275	-0.0013	/	Pass
	1745	6	0	20	3.6	4.992	0.0029	/	Pass	
					3.84	-8.183	-0.0047	/	Pass	
					4.3	-5.178	-0.0030	/	Pass	
				-30	3.84	8.154	0.0047	/	Pass	
					-20	3.84	-9.599	-0.0055	/	Pass
					-10	3.84	-11.616	-0.0067	/	Pass
				0	3.84	-5.322	-0.0030	/	Pass	
					10	3.84	-4.077	-0.0023	/	Pass
					30	3.84	3.862	0.0022	/	Pass
	1779.3	6	0	20	3.6	-2.217	-0.0012	/	Pass	
					3.84	-2.632	-0.0015	/	Pass	
					4.3	-1.817	-0.0010	/	Pass	
				-30	3.84	1.674	0.0009	/	Pass	
					-20	3.84	-3.004	-0.0017	/	Pass
					-10	3.84	0.887	0.0005	/	Pass
				0	3.84	-8.740	-0.0049	/	Pass	
					10	3.84	-4.063	-0.0023	/	Pass
					30	3.84	-6.924	-0.0039	/	Pass
40	3.84	-9.513	-0.0053	/	Pass					
	50	3.84	-8.497	-0.0048	/	Pass				
	16QAM	1710.7	6	0	20	3.6	-4.835	-0.0028	/	Pass
3.84						-4.621	-0.0027	/	Pass	



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**Shenzhen Branch**

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64QAM	1745	6	0	4.3	-10.943	-0.0064	/	Pass	
				-30	3.84	2.289	0.0013	/	Pass
				-20	3.84	-2.346	-0.0014	/	Pass
				-10	3.84	-3.061	-0.0018	/	Pass
				0	3.84	-11.630	-0.0068	/	Pass
				10	3.84	3.419	0.0020	/	Pass
				30	3.84	0.687	0.0004	/	Pass
				40	3.84	-7.024	-0.0041	/	Pass
	50	3.84	-17.252	-0.0101	/	Pass			
	1745	6	0	20	3.6	-14.105	-0.0081	/	Pass
					3.84	-0.715	-0.0004	/	Pass
				4.3	1.330	0.0008	/	Pass	
				-30	3.84	-8.812	-0.0050	/	Pass
				-20	3.84	3.204	0.0018	/	Pass
				-10	3.84	1.173	0.0007	/	Pass
				0	3.84	-1.116	-0.0006	/	Pass
				10	3.84	7.825	0.0045	/	Pass
	30	3.84	-1.974	-0.0011	/	Pass			
	40	3.84	7.396	0.0042	/	Pass			
	50	3.84	8.340	0.0048	/	Pass			
	1779.3	6	0	20	3.6	-4.091	-0.0023	/	Pass
					3.84	-6.423	-0.0036	/	Pass
				4.3	-12.846	-0.0072	/	Pass	
				-30	3.84	-5.636	-0.0032	/	Pass
				-20	3.84	-0.143	-0.0001	/	Pass
				-10	3.84	2.618	0.0015	/	Pass
				0	3.84	-10.886	-0.0061	/	Pass
				10	3.84	-2.661	-0.0015	/	Pass
30	3.84	-7.167	-0.0040	/	Pass				
40	3.84	-10.071	-0.0057	/	Pass				
50	3.84	-14.019	-0.0079	/	Pass				
1710.7	6	0	20	3.6	-5.980	-0.0035	/	Pass	
				3.84	-7.052	-0.0041	/	Pass	
			4.3	0.529	0.0003	/	Pass		
			-30	3.84	-1.831	-0.0011	/	Pass	
			-20	3.84	0.386	0.0002	/	Pass	
			-10	3.84	-0.286	-0.0002	/	Pass	
			0	3.84	-13.561	-0.0079	/	Pass	
			10	3.84	2.003	0.0012	/	Pass	
	30	3.84	-7.968	-0.0047	/	Pass			
	40	3.84	1.502	0.0009	/	Pass			
	50	3.84	-1.731	-0.0010	/	Pass			
	1745	6	0	20	3.6	6.423	0.0037	/	Pass
					3.84	-2.446	-0.0014	/	Pass
				4.3	0.715	0.0004	/	Pass	
				-30	3.84	-1.259	-0.0007	/	Pass
				-20	3.84	-1.445	-0.0008	/	Pass
-10				3.84	-7.110	-0.0041	/	Pass	



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				0	3.84	-1.116	-0.0006	/	Pass
				10	3.84	-0.129	-0.0001	/	Pass
				30	3.84	-10.729	-0.0061	/	Pass
				40	3.84	-3.419	-0.0020	/	Pass
				50	3.84	-4.449	-0.0025	/	Pass
	1779.3	6	0	20	3.6	-13.590	-0.0076	/	Pass
3.84					-4.592	-0.0026	/	Pass	
4.3					-3.519	-0.0020	/	Pass	
-30				3.84	-1.688	-0.0009	/	Pass	
-20				3.84	-5.593	-0.0031	/	Pass	
-10				3.84	3.748	0.0021	/	Pass	
0				3.84	-1.888	-0.0011	/	Pass	
10				3.84	-5.436	-0.0031	/	Pass	
30				3.84	-6.380	-0.0036	/	Pass	
40				3.84	-13.375	-0.0075	/	Pass	
50				3.84	-8.569	-0.0048	/	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	3.6	-5.479	-0.0032	/	Pass	
					3.84	-6.680	-0.0039	/	Pass	
					4.3	2.160	0.0013	/	Pass	
				-30	3.84	-3.591	-0.0021	/	Pass	
					-20	3.84	0.401	0.0002	/	Pass
						3.84	-1.903	-0.0011	/	Pass
				0	3.84	-7.482	-0.0044	/	Pass	
					10	3.84	-5.093	-0.0030	/	Pass
				30	3.84	-9.785	-0.0057	/	Pass	
	40	3.84	-5.121	-0.0030	/	Pass				
	50	3.84	-0.873	-0.0005	/	Pass				
	1745	15	0	20	3.6	-0.730	-0.0004	/	Pass	
					3.84	-12.445	-0.0071	/	Pass	
					4.3	-10.200	-0.0058	/	Pass	
				-30	3.84	-9.055	-0.0052	/	Pass	
					-20	3.84	2.275	0.0013	/	Pass
						3.84	1.588	0.0009	/	Pass
				0	3.84	0.730	0.0004	/	Pass	
					10	3.84	2.289	0.0013	/	Pass
				30	3.84	-8.955	-0.0051	/	Pass	
	40	3.84	-2.990	-0.0017	/	Pass				
	50	3.84	-3.204	-0.0018	/	Pass				
	1778.5	15	0	20	3.6	-0.529	-0.0003	/	Pass	
					3.84	-5.579	-0.0031	/	Pass	
					4.3	-3.719	-0.0021	/	Pass	
				-30	3.84	0.486	0.0003	/	Pass	
					-20	3.84	-6.409	-0.0036	/	Pass
3.84						-5.908	-0.0033	/	Pass	
0				3.84	-7.811	-0.0044	/	Pass		
				10	3.84	-3.934	-0.0022	/	Pass	
30				3.84	-2.975	-0.0017	/	Pass		
40	3.84	-6.022	-0.0034	/	Pass					
50	3.84	-10.314	-0.0058	/	Pass					
16QAM	1711.5	15	0	20	3.6	-0.057	0.0000	/	Pass	
					3.84	-0.157	-0.0001	/	Pass	
					4.3	-9.813	-0.0057	/	Pass	
				-30	3.84	8.898	0.0052	/	Pass	
					3.84	-0.458	-0.0003	/	Pass	



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Table with 10 columns and multiple rows of data, organized into sections with values like 1745, 1778.5, 1711.5, and 1745.



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				40	3.84	1.016	0.0006	/	Pass	
				50	3.84	6.852	0.0039	/	Pass	
1778.5	15	0	20	3.6	5.493	0.0031	/	Pass		
				3.84	-0.100	-0.0001	/	Pass		
						4.3	-1.431	-0.0008	/	Pass
			-30	3.84	-6.094	-0.0034	/	Pass		
			-20	3.84	-9.112	-0.0051	/	Pass		
			-10	3.84	-11.544	-0.0065	/	Pass		
			0	3.84	-6.466	-0.0036	/	Pass		
			10	3.84	0.114	0.0001	/	Pass		
			30	3.84	-6.652	-0.0037	/	Pass		
			40	3.84	-10.343	-0.0058	/	Pass		
			50	3.84	7.911	0.0044	/	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	3.6	-3.161	-0.0018	/	Pass	
					3.84	-5.636	-0.0033	/	Pass	
					4.3	3.476	0.0020	/	Pass	
				-30	3.84	-4.234	-0.0025	/	Pass	
					-20	3.84	-1.073	-0.0006	/	Pass
					-10	3.84	-6.852	-0.0040	/	Pass
				0	3.84	-6.008	-0.0035	/	Pass	
					10	3.84	-3.304	-0.0019	/	Pass
					30	3.84	-3.219	-0.0019	/	Pass
	1745	25	0	20	3.6	-3.691	-0.0021	/	Pass	
					3.84	-5.708	-0.0033	/	Pass	
					4.3	-10.943	-0.0063	/	Pass	
				-30	3.84	-6.566	-0.0038	/	Pass	
					-20	3.84	-7.210	-0.0041	/	Pass
					-10	3.84	-6.166	-0.0035	/	Pass
				0	3.84	0.858	0.0005	/	Pass	
					10	3.84	1.459	0.0008	/	Pass
					30	3.84	-7.238	-0.0041	/	Pass
	1777.5	25	0	20	3.6	1.416	0.0008	/	Pass	
					3.84	-7.238	-0.0041	/	Pass	
					4.3	2.503	0.0014	/	Pass	
				-30	3.84	-9.470	-0.0053	/	Pass	
					-20	3.84	-2.174	-0.0012	/	Pass
					-10	3.84	-2.074	-0.0012	/	Pass
				0	3.84	-4.249	-0.0024	/	Pass	
					10	3.84	-4.463	-0.0025	/	Pass
					30	3.84	-8.368	-0.0047	/	Pass
16QAM	1712.5	25	0	20	3.6	-8.311	-0.0049	/	Pass	
					3.84	-0.100	-0.0001	/	Pass	
					4.3	-5.836	-0.0034	/	Pass	
				-30	3.84	-1.631	-0.0010	/	Pass	
					-20	3.84	-5.851	-0.0034	/	Pass



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				-10	3.84	-9.627	-0.0056	/	Pass
				0	3.84	-9.170	-0.0054	/	Pass
				10	3.84	5.836	0.0034	/	Pass
				30	3.84	-6.351	-0.0037	/	Pass
				40	3.84	-8.726	-0.0051	/	Pass
				50	3.84	-15.993	-0.0093	/	Pass
	1745	25	0	20	3.6	-1.173	-0.0007	/	Pass
					3.84	-8.912	-0.0051	/	Pass
					4.3	-5.350	-0.0031	/	Pass
				-30	3.84	-9.098	-0.0052	/	Pass
				-20	3.84	-7.424	-0.0043	/	Pass
				-10	3.84	-6.022	-0.0035	/	Pass
				0	3.84	-11.745	-0.0067	/	Pass
				10	3.84	-1.245	-0.0007	/	Pass
				30	3.84	-2.604	-0.0015	/	Pass
				40	3.84	-8.411	-0.0048	/	Pass
	50	3.84	1.645	0.0009	/	Pass			
	1777.5	25	0	20	3.6	-6.723	-0.0038	/	Pass
					3.84	-1.788	-0.0010	/	Pass
					4.3	-1.888	-0.0011	/	Pass
-30				3.84	6.938	0.0039	/	Pass	
-20				3.84	-0.958	-0.0005	/	Pass	
-10				3.84	4.034	0.0023	/	Pass	
0				3.84	-10.328	-0.0058	/	Pass	
10				3.84	-7.482	-0.0042	/	Pass	
30				3.84	5.250	0.0030	/	Pass	
40				3.84	-7.095	-0.0040	/	Pass	
50	3.84	5.164	0.0029	/	Pass				
64QAM	1712.5	25	0	20	3.6	-13.089	-0.0076	/	Pass
					3.84	-5.851	-0.0034	/	Pass
					4.3	-11.687	-0.0068	/	Pass
				-30	3.84	-3.891	-0.0023	/	Pass
				-20	3.84	1.388	0.0008	/	Pass
				-10	3.84	0.572	0.0003	/	Pass
				0	3.84	-5.121	-0.0030	/	Pass
				10	3.84	0.672	0.0004	/	Pass
				30	3.84	0.114	0.0001	/	Pass
				40	3.84	-2.675	-0.0016	/	Pass
	50	3.84	-4.935	-0.0029	/	Pass			
	1745	25	0	20	3.6	-8.025	-0.0046	/	Pass
					3.84	-1.159	-0.0007	/	Pass
					4.3	-5.651	-0.0032	/	Pass
				-30	3.84	-6.123	-0.0035	/	Pass
				-20	3.84	-1.388	-0.0008	/	Pass
				-10	3.84	1.087	0.0006	/	Pass
				0	3.84	-2.890	-0.0017	/	Pass
10				3.84	-2.875	-0.0016	/	Pass	
30	3.84	-6.552	-0.0038	/	Pass				



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1777.5	25	0	40	3.84	-9.513	-0.0055	/	Pass
			50	3.84	-3.405	-0.0020	/	Pass
			20	3.6	-13.690	-0.0077	/	Pass
				3.84	5.636	0.0032	/	Pass
				4.3	-0.644	-0.0004	/	Pass
			-30	3.84	-2.103	-0.0012	/	Pass
			-20	3.84	-7.095	-0.0040	/	Pass
			-10	3.84	-4.849	-0.0027	/	Pass
			0	3.84	-1.316	-0.0007	/	Pass
			10	3.84	-4.420	-0.0025	/	Pass
			30	3.84	-2.747	-0.0015	/	Pass
			40	3.84	-4.821	-0.0027	/	Pass
			50	3.84	-1.302	-0.0007	/	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	3.6	-10.514	-0.0061	/	Pass	
					3.84	-9.828	-0.0057	/	Pass	
					4.3	-4.334	-0.0025	/	Pass	
				-30	3.84	-2.217	-0.0013	/	Pass	
					-20	3.84	-4.621	-0.0027	/	Pass
						3.84	-7.095	-0.0041	/	Pass
				0	3.84	-4.420	-0.0026	/	Pass	
					10	3.84	-4.206	-0.0025	/	Pass
				30	3.84	-5.550	-0.0032	/	Pass	
	40	3.84	-11.115	-0.0065	/	Pass				
	50	3.84	-6.251	-0.0036	/	Pass				
	1745	50	0	20	3.6	-1.917	-0.0011	/	Pass	
					3.84	-8.554	-0.0049	/	Pass	
					4.3	0.114	0.0001	/	Pass	
				-30	3.84	-7.081	-0.0041	/	Pass	
					-20	3.84	1.688	0.0010	/	Pass
						3.84	-4.821	-0.0028	/	Pass
				0	3.84	-2.947	-0.0017	/	Pass	
					10	3.84	-7.482	-0.0043	/	Pass
				30	3.84	0.243	0.0001	/	Pass	
	40	3.84	-0.544	-0.0003	/	Pass				
	50	3.84	0.730	0.0004	/	Pass				
	1775	50	0	20	3.6	-3.963	-0.0022	/	Pass	
					3.84	-0.472	-0.0003	/	Pass	
					4.3	-2.503	-0.0014	/	Pass	
				-30	3.84	-3.619	-0.0020	/	Pass	
					-20	3.84	-7.954	-0.0045	/	Pass
3.84						-3.877	-0.0022	/	Pass	
0				3.84	-5.908	-0.0033	/	Pass		
				10	3.84	-3.862	-0.0022	/	Pass	
30				3.84	-4.435	-0.0025	/	Pass		
40	3.84	-1.187	-0.0007	/	Pass					
50	3.84	-3.104	-0.0017	/	Pass					
16QAM	1715	50	0	20	3.6	-8.712	-0.0051	/	Pass	
					3.84	-6.981	-0.0041	/	Pass	
					4.3	-5.150	-0.0030	/	Pass	
				-30	3.84	-11.358	-0.0066	/	Pass	
					3.84	-6.709	-0.0039	/	Pass	



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64QAM	1745	50	0	-10	3.84	-7.725	-0.0045	/	Pass		
				0	3.84	-5.522	-0.0032	/	Pass		
				10	3.84	-8.225	-0.0048	/	Pass		
				30	3.84	-12.660	-0.0074	/	Pass		
				40	3.84	-9.999	-0.0058	/	Pass		
				50	3.84	-8.268	-0.0048	/	Pass		
	1775	50	0	20	3.6	-2.003	-0.0011	/	Pass		
					3.84	-0.429	-0.0002	/	Pass		
					4.3	4.849	0.0028	/	Pass		
				-30	3.84	-1.101	-0.0006	/	Pass		
				-20	3.84	-6.251	-0.0036	/	Pass		
				-10	3.84	-1.001	-0.0006	/	Pass		
				0	3.84	-7.281	-0.0042	/	Pass		
				10	3.84	-9.756	-0.0056	/	Pass		
				30	3.84	-8.240	-0.0047	/	Pass		
				40	3.84	-4.535	-0.0026	/	Pass		
	50	3.84	-4.148	-0.0024	/	Pass					
	1715	50	0	20	3.6	-6.423	-0.0036	/	Pass		
					3.84	-0.687	-0.0004	/	Pass		
					4.3	-9.127	-0.0051	/	Pass		
				-30	3.84	-9.656	-0.0054	/	Pass		
				-20	3.84	-1.631	-0.0009	/	Pass		
				-10	3.84	-2.503	-0.0014	/	Pass		
				0	3.84	-0.272	-0.0002	/	Pass		
10				3.84	-9.813	-0.0055	/	Pass			
30				3.84	-5.393	-0.0030	/	Pass			
40				3.84	-16.494	-0.0093	/	Pass			
50	3.84	-4.849	-0.0027	/	Pass						
1745	50	0	20	3.6	-11.630	-0.0068	/	Pass			
				3.84	-6.452	-0.0038	/	Pass			
				4.3	-7.782	-0.0045	/	Pass			
			-30	3.84	-7.567	-0.0044	/	Pass			
			-20	3.84	-6.595	-0.0038	/	Pass			
			-10	3.84	-12.131	-0.0071	/	Pass			
			0	3.84	-6.680	-0.0039	/	Pass			
			10	3.84	-7.024	-0.0041	/	Pass			
			30	3.84	-2.174	-0.0013	/	Pass			
			40	3.84	-2.089	-0.0012	/	Pass			
			50	3.84	-5.078	-0.0030	/	Pass			
			20	50	0	20	3.6	-7.253	-0.0042	/	Pass
							3.84	-2.933	-0.0017	/	Pass
							4.3	-4.907	-0.0028	/	Pass
-30	3.84	-4.063				-0.0023	/	Pass			
-20	3.84	-1.931				-0.0011	/	Pass			
-10	3.84	-1.473				-0.0008	/	Pass			
0	3.84	-4.692				-0.0027	/	Pass			
10	3.84	-3.719	-0.0021	/	Pass						
30	3.84	-6.566	-0.0038	/	Pass						



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				40	3.84	-6.537	-0.0037	/	Pass
				50	3.84	0.801	0.0005	/	Pass
	1775	50	0	20	3.6	-3.047	-0.0017	/	Pass
3.84					-5.965	-0.0034	/	Pass	
4.3				-5.722	-0.0032	/	Pass		
-30				3.84	-5.193	-0.0029	/	Pass	
-20				3.84	-4.621	-0.0026	/	Pass	
-10				3.84	-5.078	-0.0029	/	Pass	
0				3.84	-3.591	-0.0020	/	Pass	
10				3.84	-3.319	-0.0019	/	Pass	
30				3.84	-3.719	-0.0021	/	Pass	
40				3.84	-1.860	-0.0010	/	Pass	
50				3.84	-5.007	-0.0028	/	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	3.6	-8.669	-0.0050	/	Pass	
					3.84	-7.467	-0.0043	/	Pass	
					4.3	-6.795	-0.0040	/	Pass	
				-30	3.84	1.860	0.0011	/	Pass	
					-20	3.84	-3.462	-0.0020	/	Pass
						3.84	-5.093	-0.0030	/	Pass
				0	3.84	-4.005	-0.0023	/	Pass	
					10	3.84	-7.467	-0.0043	/	Pass
				30	3.84	-7.939	-0.0046	/	Pass	
	40	3.84	-10.257	-0.0060	/	Pass				
	50	3.84	-8.154	-0.0047	/	Pass				
	1745	75	0	20	3.6	-0.172	-0.0001	/	Pass	
					3.84	-1.545	-0.0009	/	Pass	
					4.3	-2.947	-0.0017	/	Pass	
				-30	3.84	-4.835	-0.0028	/	Pass	
					-20	3.84	-4.420	-0.0025	/	Pass
						3.84	-7.281	-0.0042	/	Pass
				0	3.84	0.358	0.0002	/	Pass	
					10	3.84	-0.830	-0.0005	/	Pass
				30	3.84	-9.856	-0.0056	/	Pass	
	40	3.84	-2.890	-0.0017	/	Pass				
	50	3.84	-9.112	-0.0052	/	Pass				
	1772.5	75	0	20	3.6	-5.250	-0.0030	/	Pass	
					3.84	-7.496	-0.0042	/	Pass	
					4.3	-1.030	-0.0006	/	Pass	
				-30	3.84	-5.479	-0.0031	/	Pass	
					-20	3.84	0.329	0.0002	/	Pass
3.84						-6.938	-0.0039	/	Pass	
0				3.84	-10.042	-0.0057	/	Pass		
				10	3.84	-2.689	-0.0015	/	Pass	
30				3.84	-9.427	-0.0053	/	Pass		
40	3.84	-8.297	-0.0047	/	Pass					
50	3.84	-4.721	-0.0027	/	Pass					
16QAM	1717.5	75	0	20	3.6	-5.708	-0.0033	/	Pass	
					3.84	-6.924	-0.0040	/	Pass	
					4.3	-2.818	-0.0016	/	Pass	
				-30	3.84	-9.313	-0.0054	/	Pass	
					3.84	-3.948	-0.0023	/	Pass	



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64QAM	1745	75	0	-10	3.84	-7.782	-0.0045	/	Pass
				0	3.84	-7.324	-0.0043	/	Pass
				10	3.84	-10.729	-0.0062	/	Pass
				30	3.84	-6.008	-0.0035	/	Pass
				40	3.84	-2.289	-0.0013	/	Pass
				50	3.84	-4.592	-0.0027	/	Pass
	1745	75	0	20	3.6	-8.411	-0.0048	/	Pass
					3.84	-3.262	-0.0019	/	Pass
					4.3	-3.290	-0.0019	/	Pass
				-30	3.84	-3.247	-0.0019	/	Pass
				-20	3.84	-6.523	-0.0037	/	Pass
				-10	3.84	-3.705	-0.0021	/	Pass
				0	3.84	-3.376	-0.0019	/	Pass
				10	3.84	-2.761	-0.0016	/	Pass
				30	3.84	-2.732	-0.0016	/	Pass
				40	3.84	-0.057	0.0000	/	Pass
	50	3.84	-1.502	-0.0009	/	Pass			
	1772.5	75	0	20	3.6	-7.768	-0.0044	/	Pass
					3.84	-7.710	-0.0043	/	Pass
					4.3	-6.652	-0.0038	/	Pass
				-30	3.84	-3.505	-0.0020	/	Pass
				-20	3.84	-2.904	-0.0016	/	Pass
				-10	3.84	-6.580	-0.0037	/	Pass
				0	3.84	-4.392	-0.0025	/	Pass
				10	3.84	-1.659	-0.0009	/	Pass
				30	3.84	-6.495	-0.0037	/	Pass
				40	3.84	-11.215	-0.0063	/	Pass
50	3.84	-7.968	-0.0045	/	Pass				
1717.5	75	0	20	3.6	-6.280	-0.0037	/	Pass	
				3.84	-2.775	-0.0016	/	Pass	
				4.3	-7.038	-0.0041	/	Pass	
			-30	3.84	-1.745	-0.0010	/	Pass	
			-20	3.84	-5.937	-0.0035	/	Pass	
			-10	3.84	-11.187	-0.0065	/	Pass	
			0	3.84	-4.864	-0.0028	/	Pass	
			10	3.84	-1.602	-0.0009	/	Pass	
			30	3.84	-5.250	-0.0031	/	Pass	
			40	3.84	-12.274	-0.0071	/	Pass	
	50	3.84	-9.313	-0.0054	/	Pass			
	1745	75	0	20	3.6	-0.072	0.0000	/	Pass
					3.84	2.103	0.0012	/	Pass
					4.3	-2.689	-0.0015	/	Pass
				-30	3.84	0.429	0.0002	/	Pass
				-20	3.84	-4.735	-0.0027	/	Pass
				-10	3.84	-7.210	-0.0041	/	Pass
0				3.84	-2.246	-0.0013	/	Pass	
10	3.84	-2.103	-0.0012	/	Pass				
30	3.84	-8.869	-0.0051	/	Pass				



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				40	3.84	-5.093	-0.0029	/	Pass
				50	3.84	-3.562	-0.0020	/	Pass
				20	3.6	-2.074	-0.0012	/	Pass
					3.84	-5.836	-0.0033	/	Pass
					4.3	-5.250	-0.0030	/	Pass
				-30	3.84	2.332	0.0013	/	Pass
				-20	3.84	-7.868	-0.0044	/	Pass
				-10	3.84	-3.347	-0.0019	/	Pass
				0	3.84	-4.106	-0.0023	/	Pass
				10	3.84	-5.264	-0.0030	/	Pass
				30	3.84	-5.379	-0.0030	/	Pass
				40	3.84	-1.717	-0.0010	/	Pass
				50	3.84	-1.445	-0.0008	/	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	3.6	-7.925	-0.0046	/	Pass				
					3.84	-7.396	-0.0043	/	Pass				
					4.3	-5.922	-0.0034	/	Pass				
				-30	3.84	-1.731	-0.0010	/	Pass				
					-20	3.84	-2.861	-0.0017	/	Pass			
					-10	3.84	-5.093	-0.0030	/	Pass			
				1745	100	0	20	3.6	-10.300	-0.0059	/	Pass	
								3.84	-2.418	-0.0014	/	Pass	
								4.3	-4.520	-0.0026	/	Pass	
	-30	3.84	-0.873				-0.0005	/	Pass				
		-20	3.84				-1.502	-0.0009	/	Pass			
		-10	3.84				-5.107	-0.0029	/	Pass			
	1770	100	0				20	3.6	-6.781	-0.0038	/	Pass	
								3.84	-3.505	-0.0020	/	Pass	
								4.3	-1.817	-0.0010	/	Pass	
				-30	3.84	-7.010	-0.0040	/	Pass				
					-20	3.84	-7.153	-0.0040	/	Pass			
					-10	3.84	1.116	0.0006	/	Pass			
				16QAM	1720	100	0	20	3.6	-9.356	-0.0054	/	Pass
									3.84	-7.954	-0.0046	/	Pass
									4.3	-11.315	-0.0066	/	Pass
	-30	3.84	-2.174					-0.0013	/	Pass			
		-20	3.84					-11.401	-0.0066	/	Pass		



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64QAM	1745	100	0	-10	3.84	-5.565	-0.0032	/	Pass		
				0	3.84	-6.394	-0.0037	/	Pass		
				10	3.84	-7.296	-0.0042	/	Pass		
				30	3.84	-3.662	-0.0021	/	Pass		
				40	3.84	-7.911	-0.0046	/	Pass		
				50	3.84	-2.332	-0.0014	/	Pass		
	1745	100	0	20	3.6	-3.905	-0.0022	/	Pass		
					3.84	-3.176	-0.0018	/	Pass		
					4.3	-2.618	-0.0015	/	Pass		
				-30	3.84	-3.963	-0.0023	/	Pass		
				-20	3.84	0.701	0.0004	/	Pass		
				-10	3.84	-5.851	-0.0034	/	Pass		
				0	3.84	-2.532	-0.0015	/	Pass		
				10	3.84	-4.148	-0.0024	/	Pass		
				30	3.84	-2.832	-0.0016	/	Pass		
				40	3.84	-5.150	-0.0030	/	Pass		
	50	3.84	-1.774	-0.0010	/	Pass					
	1770	100	0	20	3.6	-5.121	-0.0029	/	Pass		
					3.84	0.329	0.0002	/	Pass		
					4.3	-11.988	-0.0068	/	Pass		
				-30	3.84	-9.069	-0.0051	/	Pass		
				-20	3.84	-3.104	-0.0018	/	Pass		
				-10	3.84	-2.933	-0.0017	/	Pass		
				0	3.84	-1.431	-0.0008	/	Pass		
				10	3.84	-2.375	-0.0013	/	Pass		
				30	3.84	-2.503	-0.0014	/	Pass		
				40	3.84	5.579	0.0032	/	Pass		
	50	3.84	1.030	0.0006	/	Pass					
	1720	100	0	20	3.6	-8.168	-0.0047	/	Pass		
					3.84	-3.233	-0.0019	/	Pass		
4.3					-4.206	-0.0024	/	Pass			
-30				3.84	-6.595	-0.0038	/	Pass			
-20				3.84	-2.704	-0.0016	/	Pass			
-10				3.84	-1.974	-0.0011	/	Pass			
0				3.84	-6.595	-0.0038	/	Pass			
10				3.84	-2.632	-0.0015	/	Pass			
30				3.84	-9.141	-0.0053	/	Pass			
40				3.84	-6.881	-0.0040	/	Pass			
50				3.84	-5.221	-0.0030	/	Pass			
1745				100	0	20	3.6	-2.389	-0.0014	/	Pass
							3.84	-6.266	-0.0036	/	Pass
							4.3	-3.161	-0.0018	/	Pass
	-30	3.84	-1.488			-0.0009	/	Pass			
	-20	3.84	-4.692			-0.0027	/	Pass			
	-10	3.84	-6.595			-0.0038	/	Pass			
	0	3.84	0.129			0.0001	/	Pass			
	10	3.84	-3.390			-0.0019	/	Pass			
30	3.84	-5.064	-0.0029	/	Pass						



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				40	3.84	-1.817	-0.0010	/	Pass
				50	3.84	-1.588	-0.0009	/	Pass
	1770	100	0	20	3.6	-7.153	-0.0040	/	Pass
3.84					-6.366	-0.0036	/	Pass	
4.3				-2.675	-0.0015	/	Pass		
-30				3.84	-3.619	-0.0020	/	Pass	
-20				3.84	-4.678	-0.0026	/	Pass	
-10				3.84	-6.537	-0.0037	/	Pass	
0				3.84	-5.093	-0.0029	/	Pass	
10				3.84	-5.693	-0.0032	/	Pass	
30				3.84	-7.768	-0.0044	/	Pass	
40				3.84	-5.436	-0.0031	/	Pass	
50				3.84	-7.725	-0.0044	/	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	1.107	/	Pass
		1745	6	0	1.123	/	Pass
		1779.3	6	0	1.111	/	Pass
	16QAM	1710.7	6	0	1.106	/	Pass
		1745	6	0	1.111	/	Pass
		1779.3	6	0	1.120	/	Pass
	64QAM	1710.7	6	0	1.117	/	Pass
		1745	6	0	1.109	/	Pass
		1779.3	6	0	1.112	/	Pass
3	QPSK	1711.5	15	0	2.725	/	Pass
		1745	15	0	2.723	/	Pass
		1778.5	15	0	2.717	/	Pass
	16QAM	1711.5	15	0	2.727	/	Pass
		1745	15	0	2.718	/	Pass
		1778.5	15	0	2.717	/	Pass
	64QAM	1711.5	15	0	2.730	/	Pass
		1745	15	0	2.726	/	Pass
		1778.5	15	0	2.737	/	Pass
5	QPSK	1712.5	25	0	4.580	/	Pass
		1745	25	0	4.551	/	Pass
		1777.5	25	0	4.563	/	Pass
	16QAM	1712.5	25	0	4.558	/	Pass
		1745	25	0	4.560	/	Pass
		1777.5	25	0	4.574	/	Pass
	64QAM	1712.5	25	0	4.557	/	Pass
		1745	25	0	4.579	/	Pass
		1777.5	25	0	4.573	/	Pass
10	QPSK	1715	50	0	9.080	/	Pass
		1745	50	0	9.045	/	Pass
		1775	50	0	9.097	/	Pass
	16QAM	1715	50	0	9.103	/	Pass
		1745	50	0	9.070	/	Pass
		1775	50	0	9.077	/	Pass
	64QAM	1715	50	0	9.058	/	Pass
		1745	50	0	9.070	/	Pass



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		1775	50	0	9.095	/	Pass
15	QPSK	1717.5	75	0	13.597	/	Pass
		1745	75	0	13.593	/	Pass
		1772.5	75	0	13.619	/	Pass
	16QAM	1717.5	75	0	13.619	/	Pass
		1745	75	0	13.618	/	Pass
		1772.5	75	0	13.646	/	Pass
	64QAM	1717.5	75	0	13.626	/	Pass
		1745	75	0	13.618	/	Pass
		1772.5	75	0	13.611	/	Pass
20	QPSK	1720	100	0	18.065	/	Pass
		1745	100	0	18.038	/	Pass
		1770	100	0	18.144	/	Pass
	16QAM	1720	100	0	18.036	/	Pass
		1745	100	0	18.070	/	Pass
		1770	100	0	18.127	/	Pass
	64QAM	1720	100	0	18.082	/	Pass
		1745	100	0	18.065	/	Pass
		1770	100	0	18.087	/	Pass



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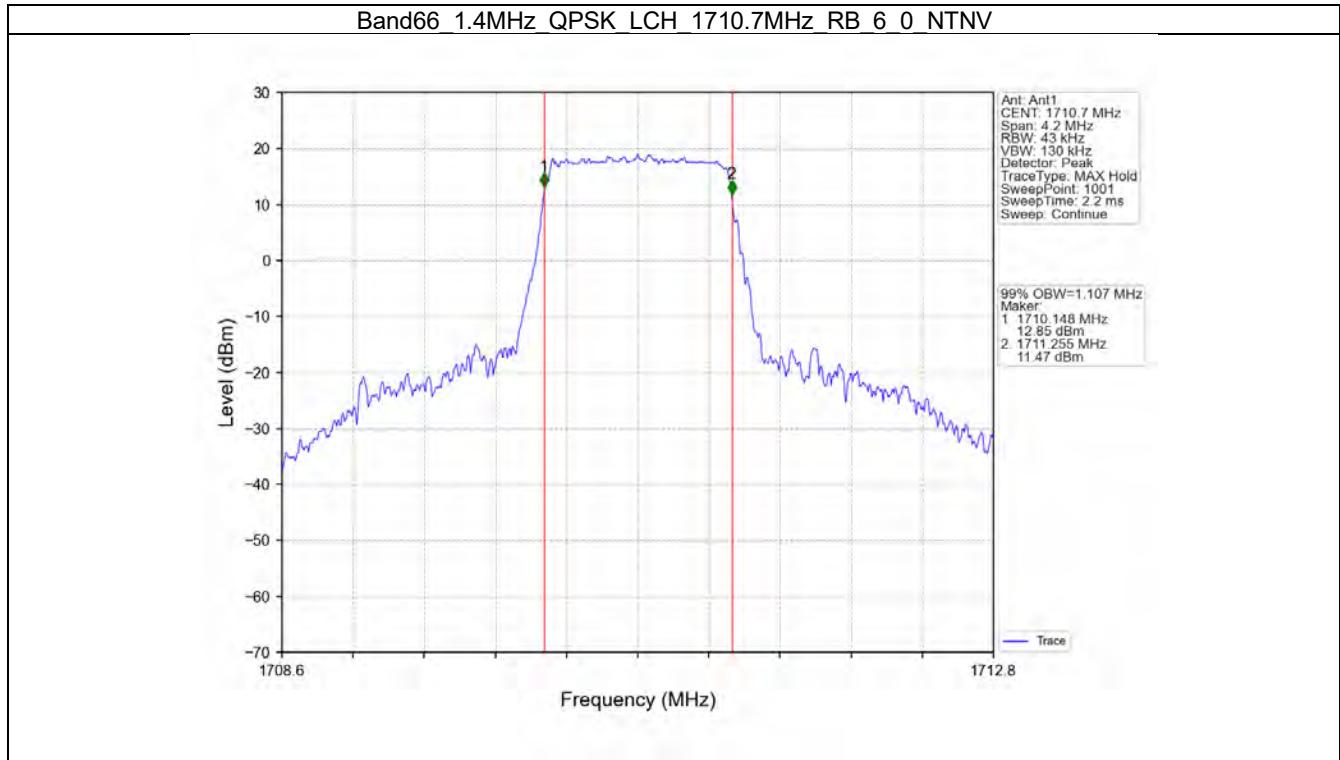
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3.1.2 Test Graph



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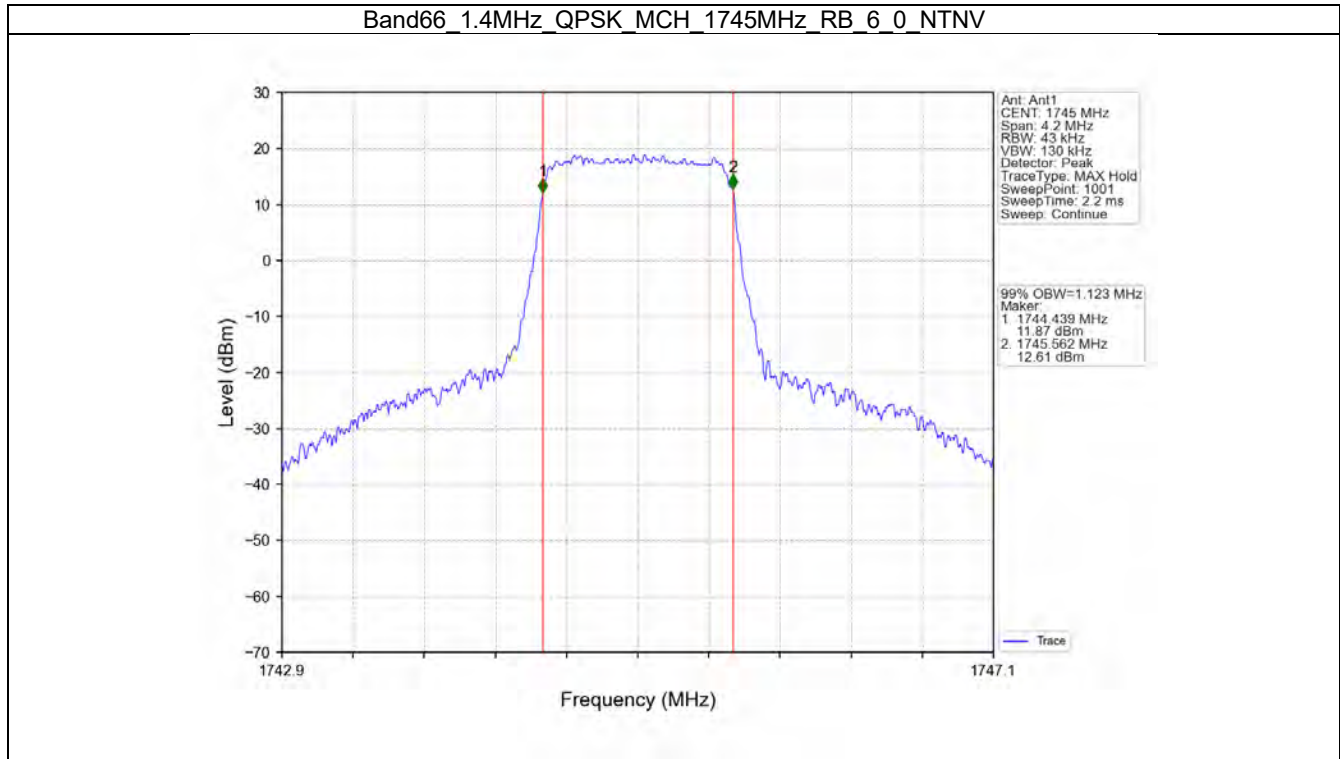


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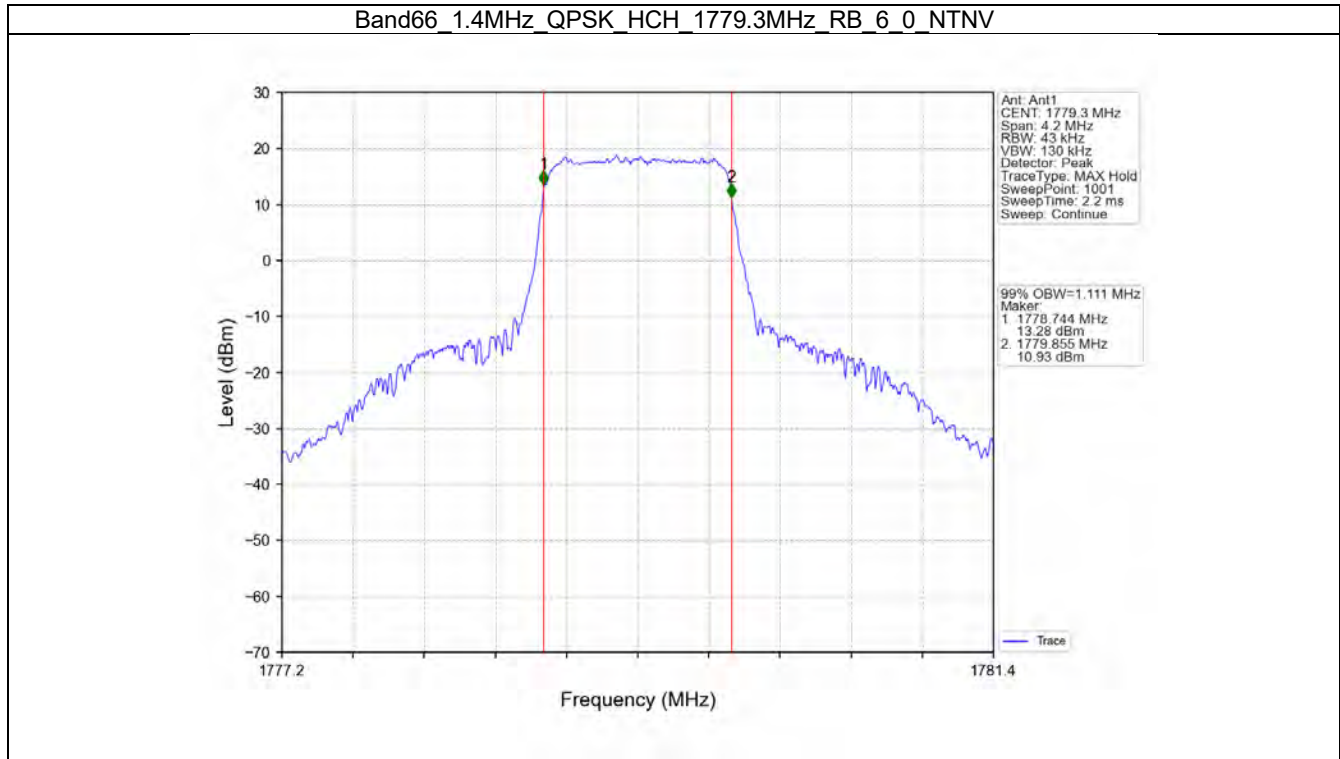


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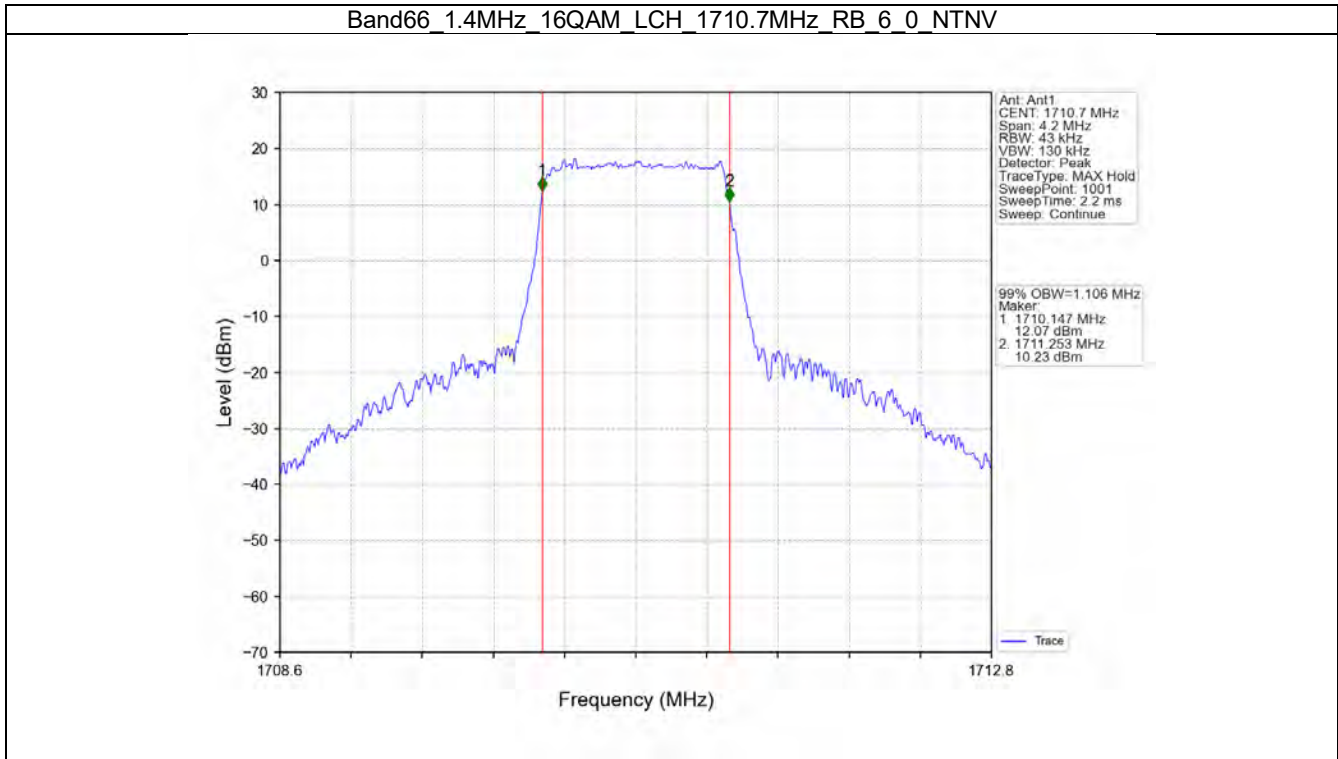


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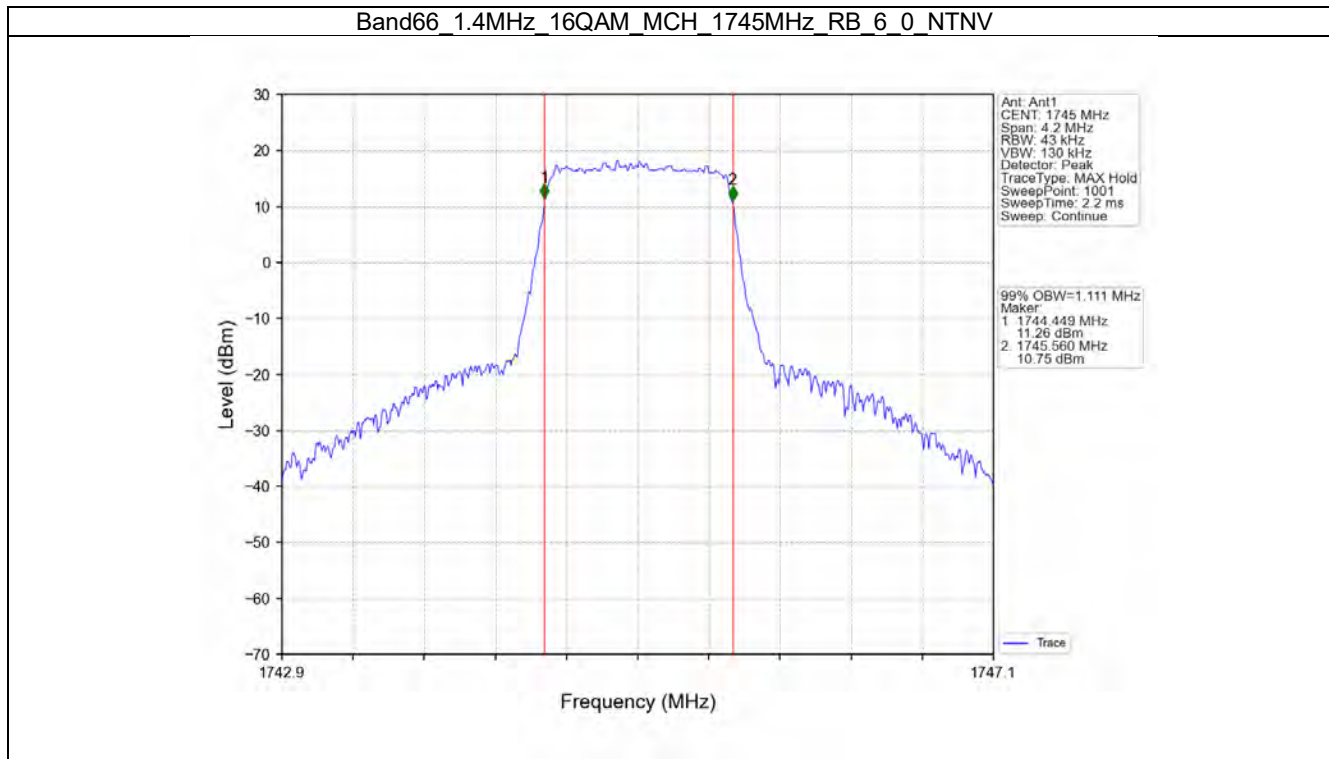
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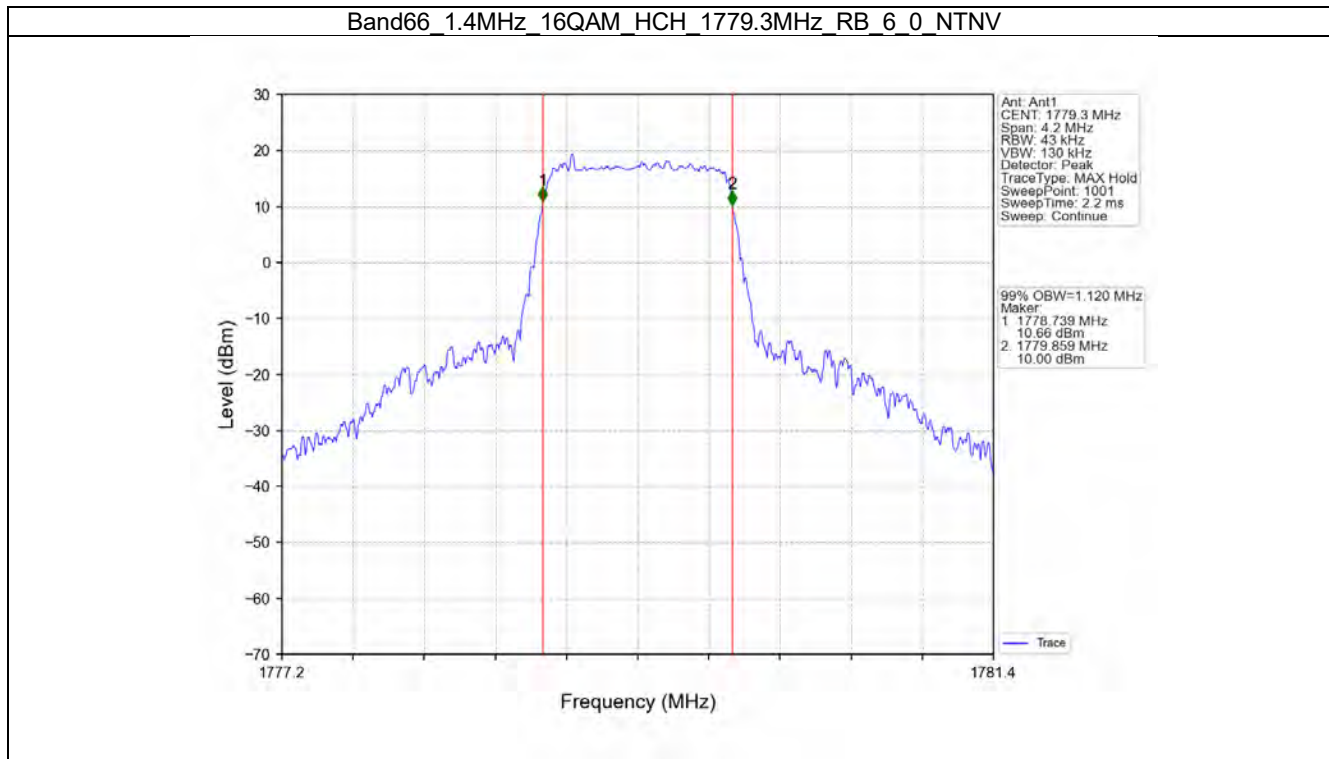
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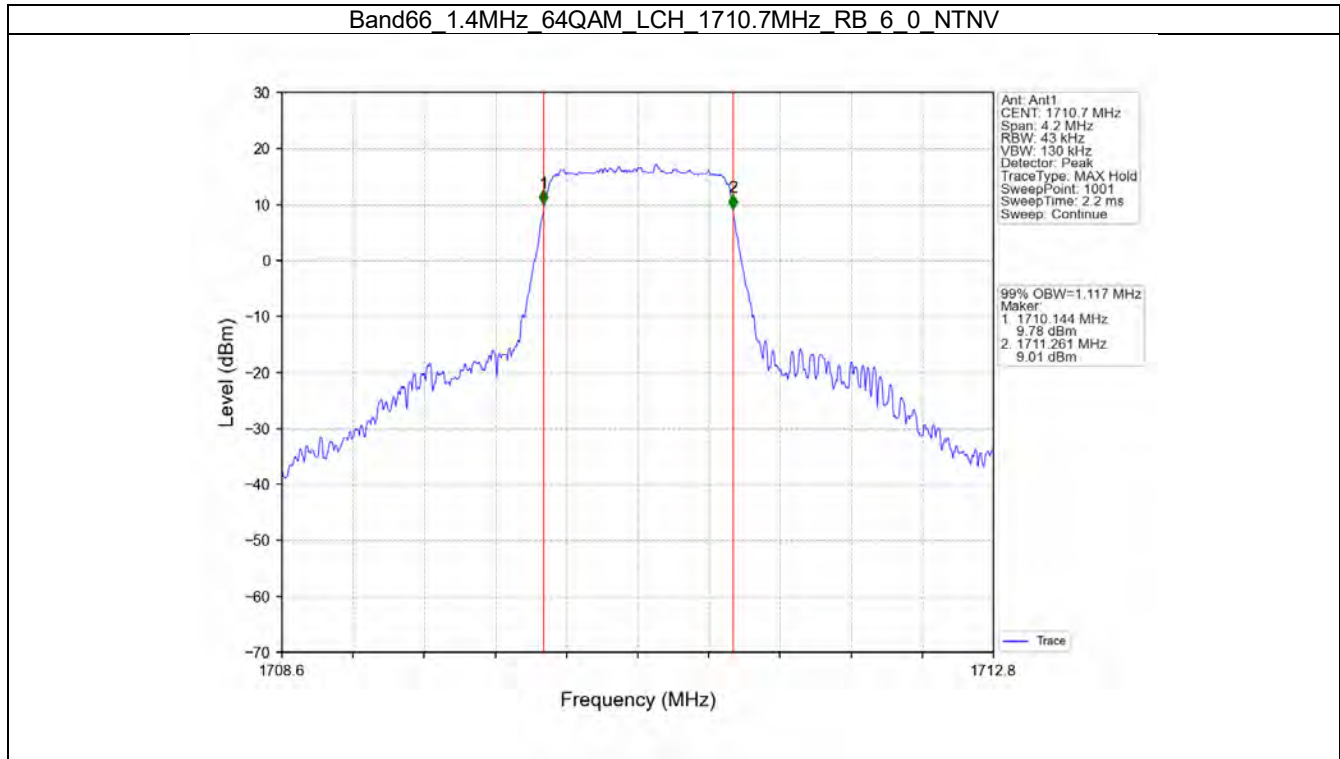


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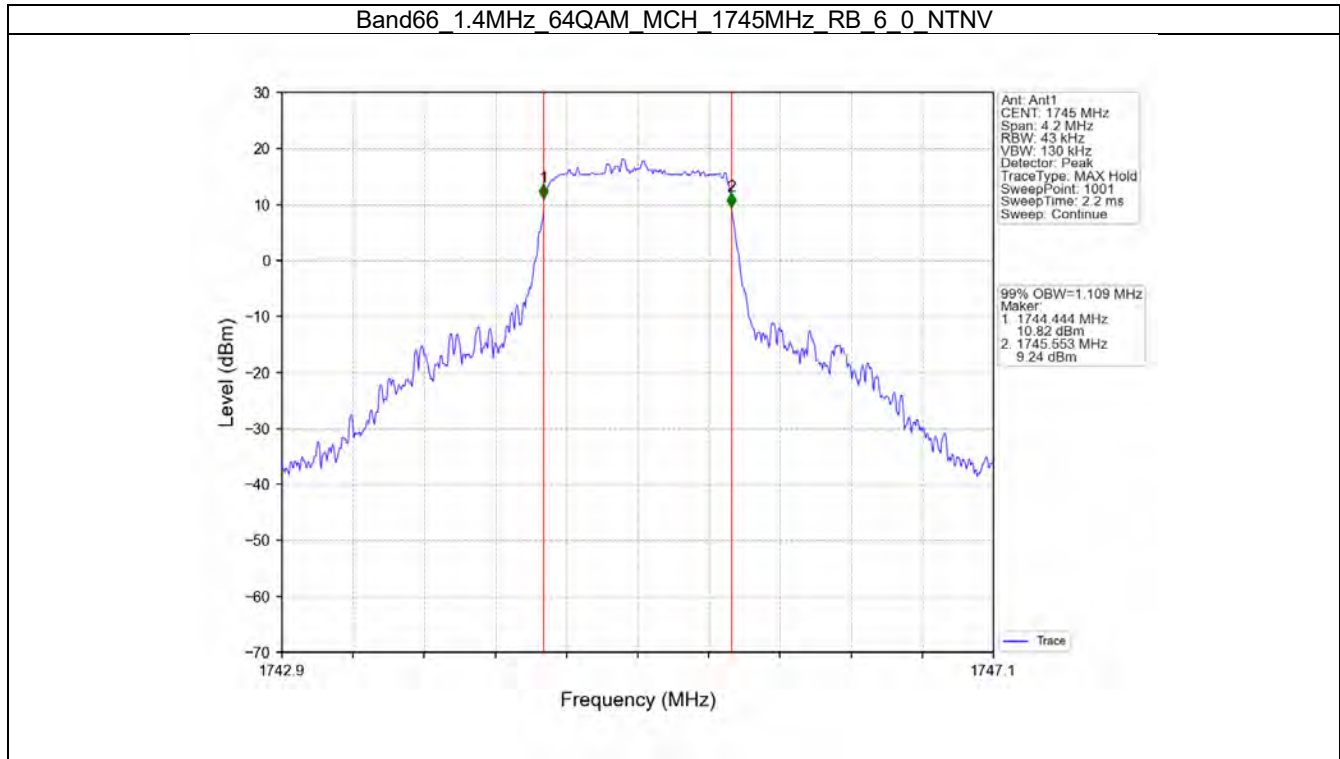


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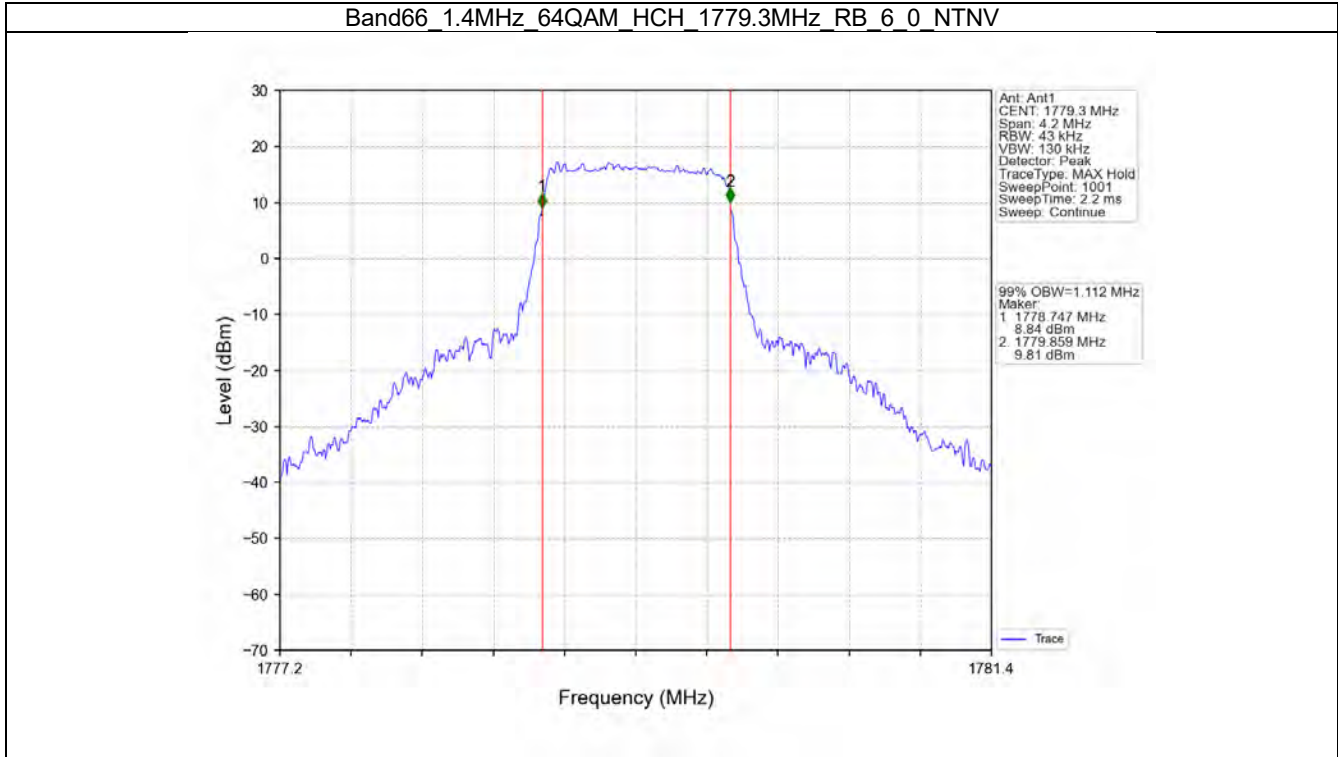


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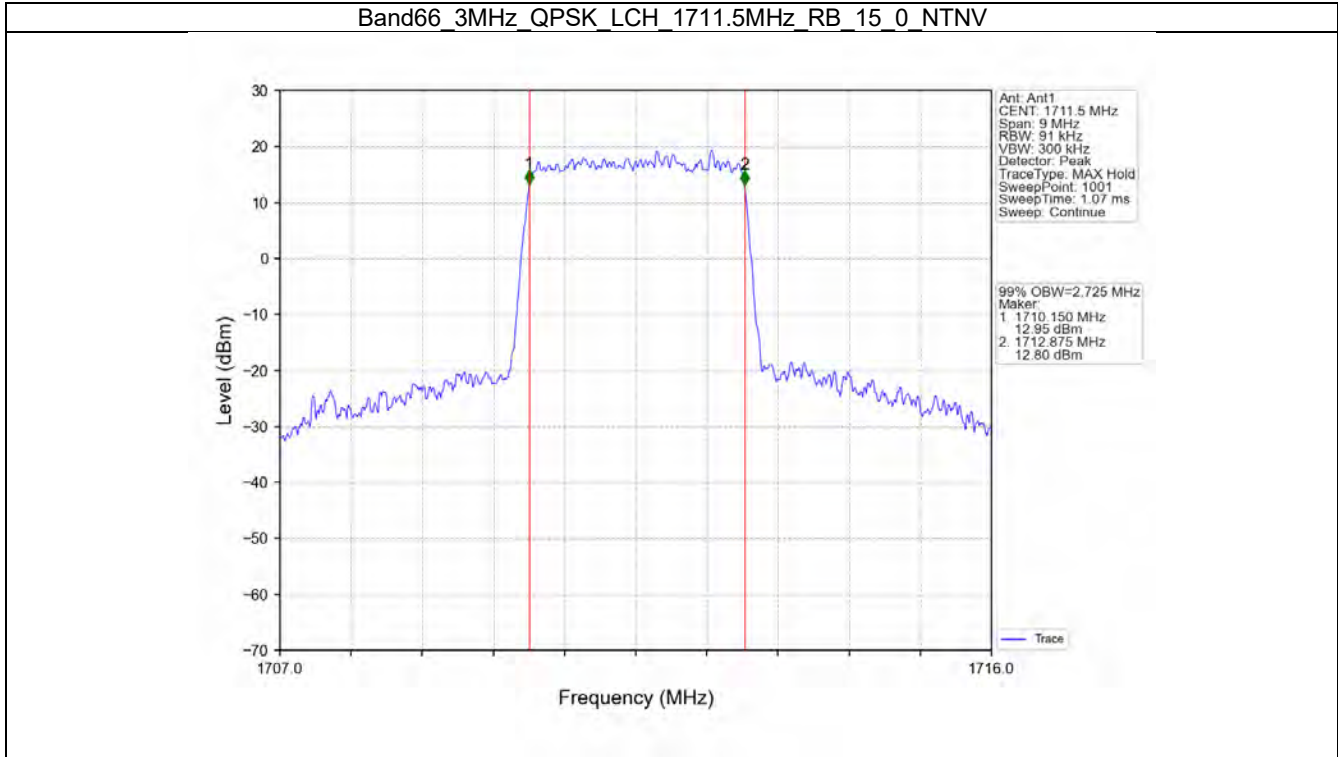


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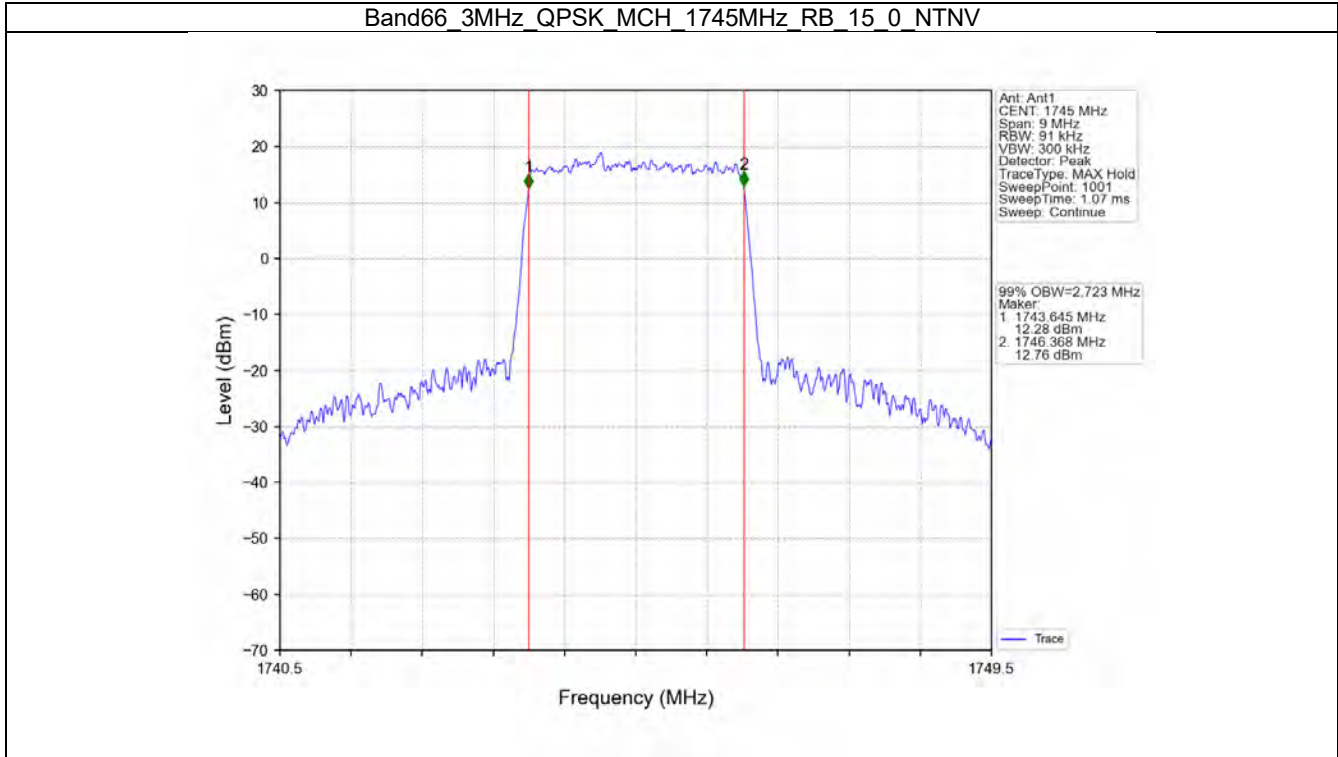


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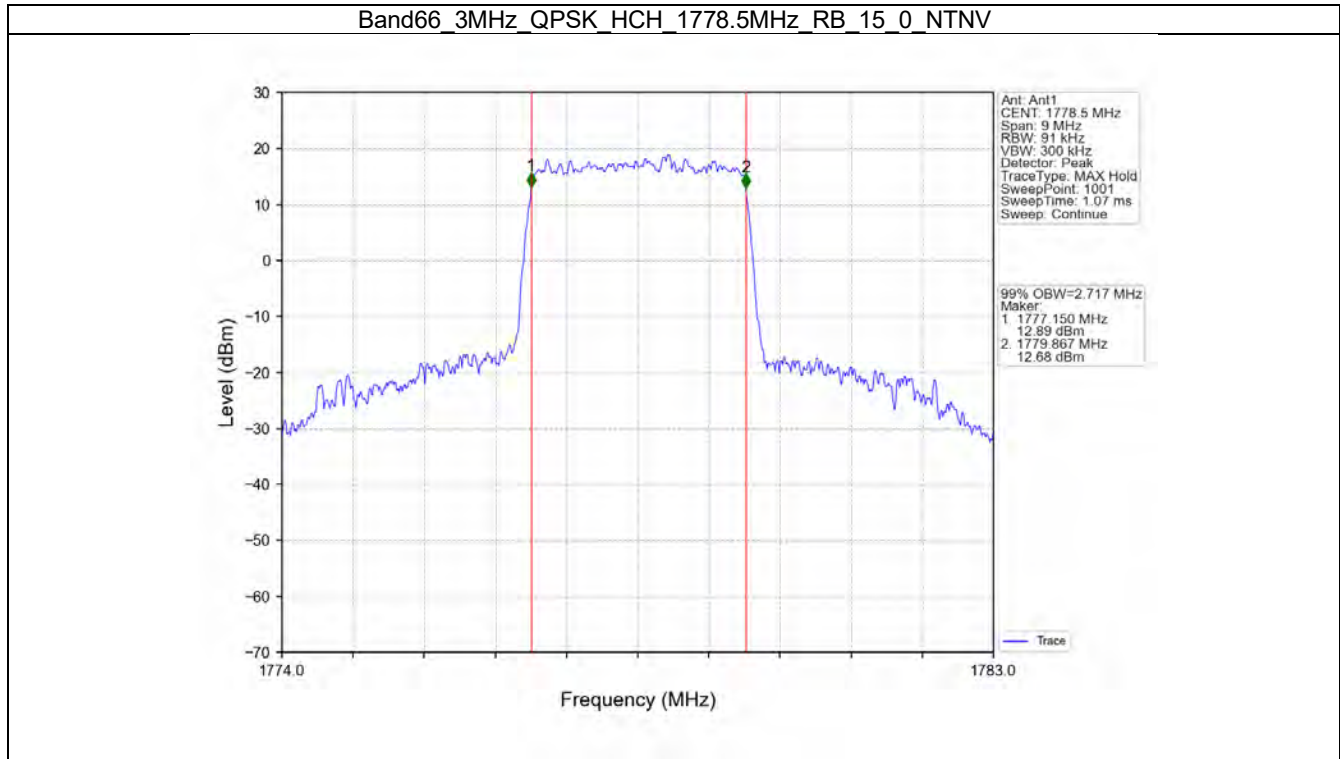


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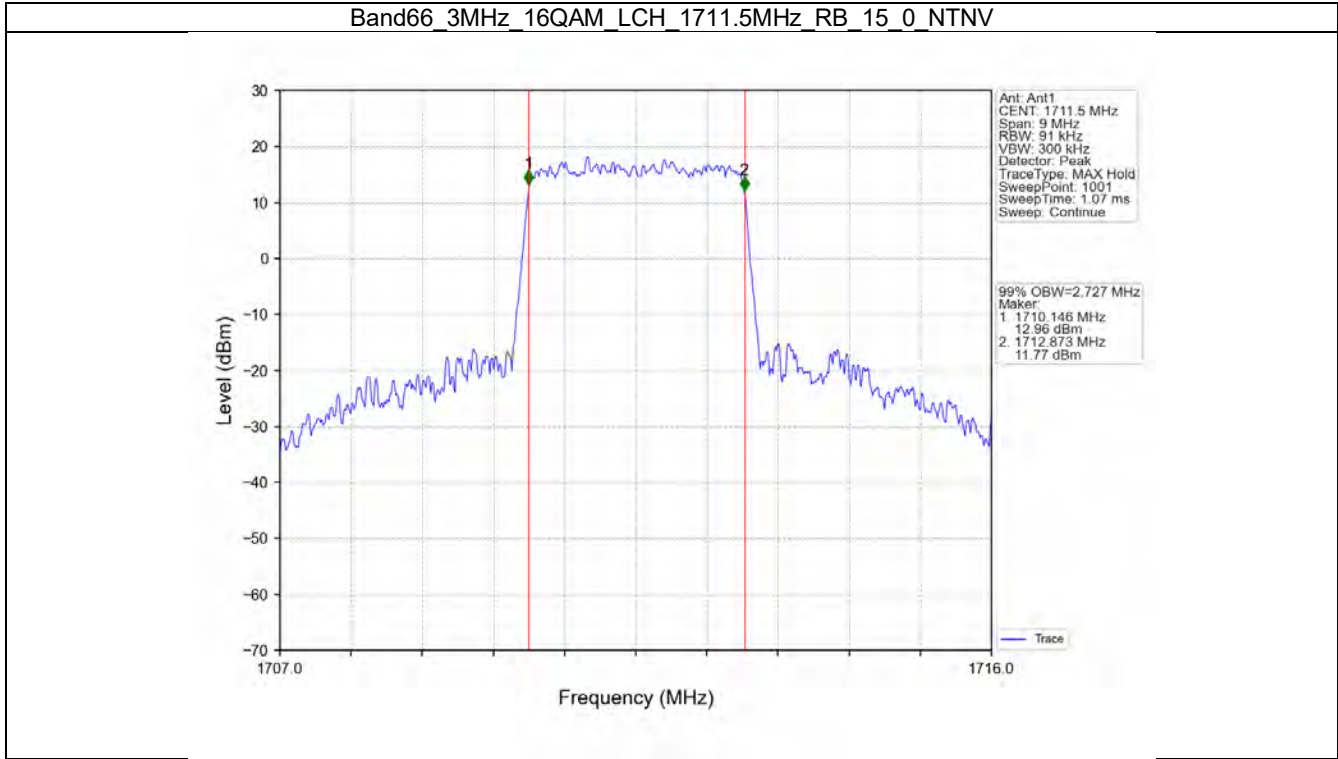


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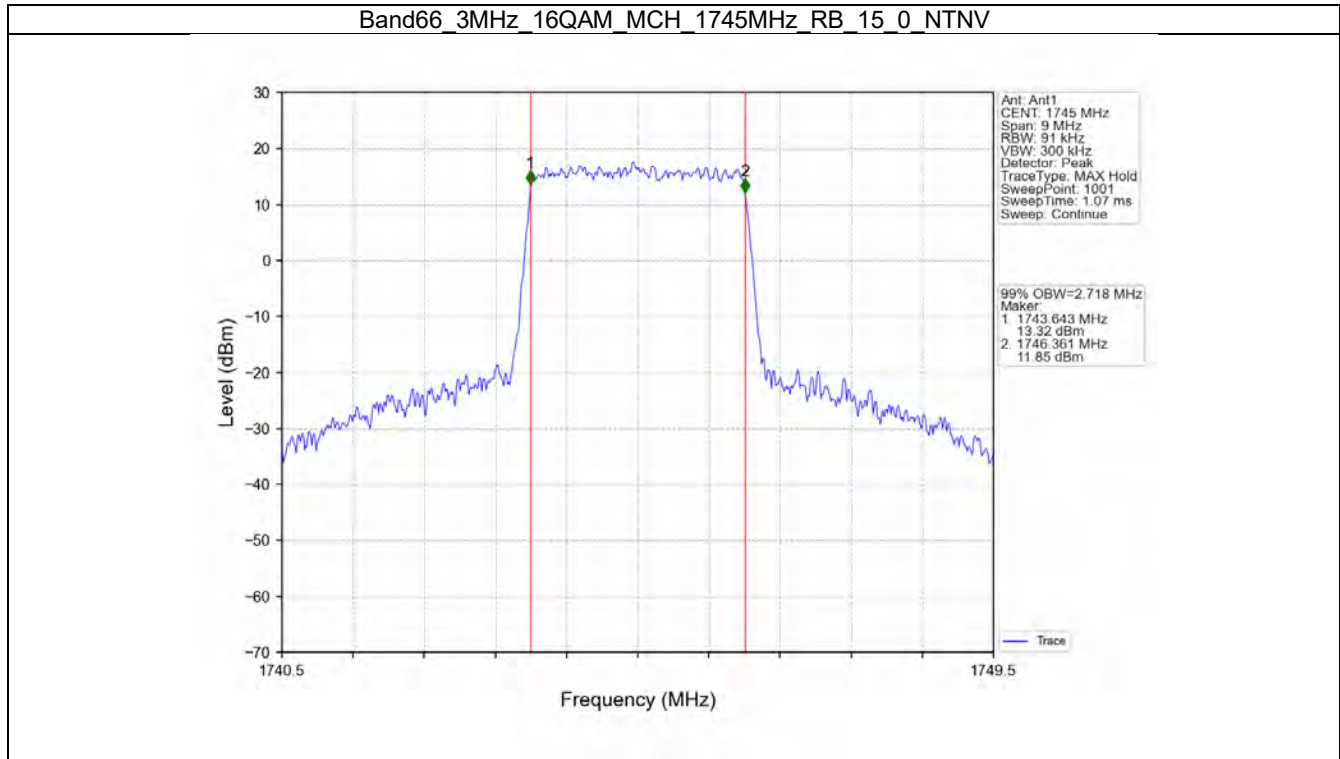


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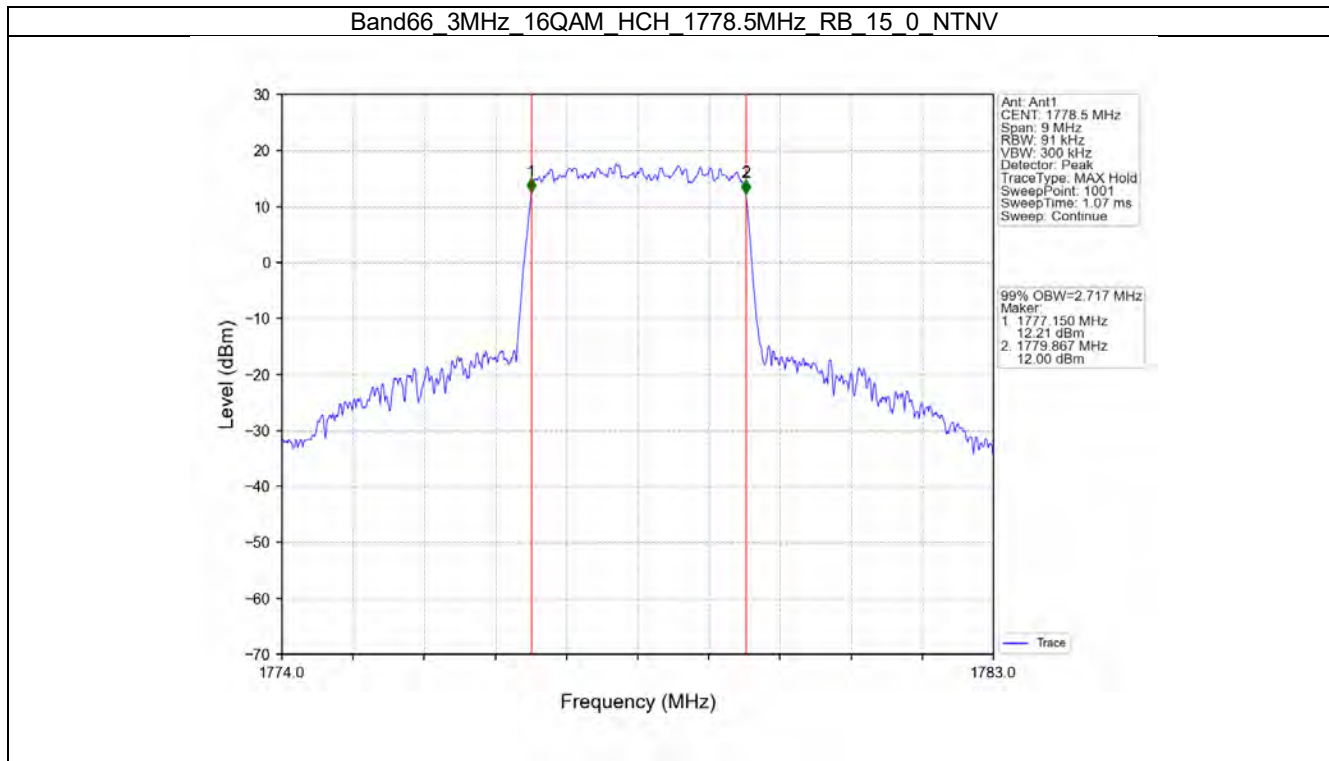
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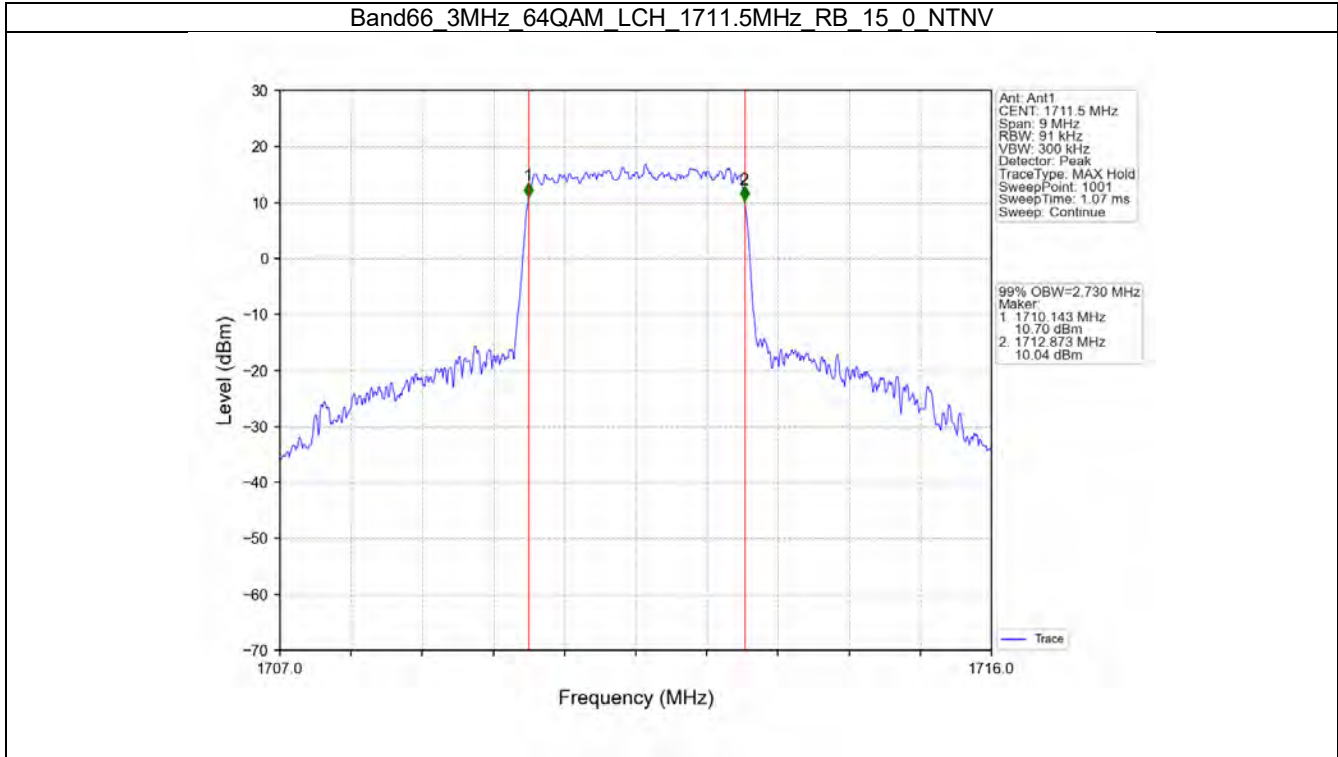


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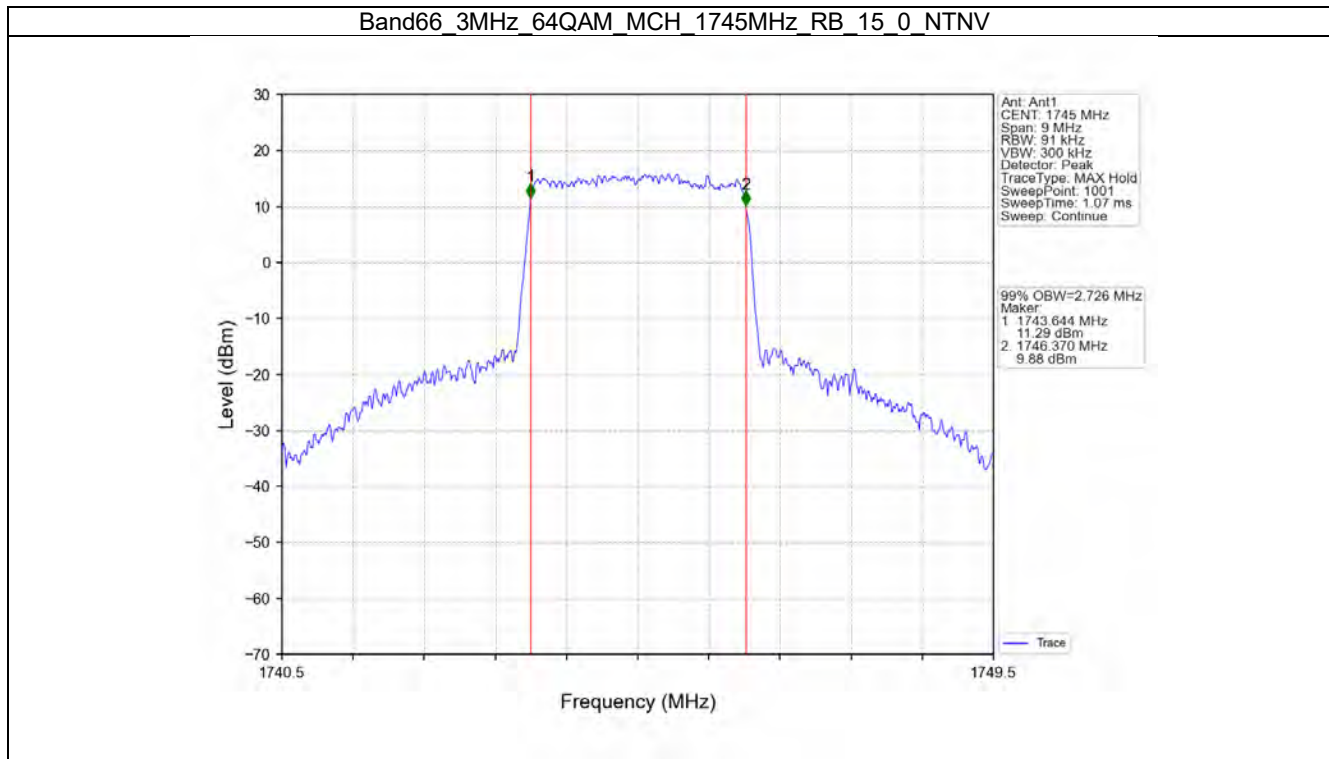
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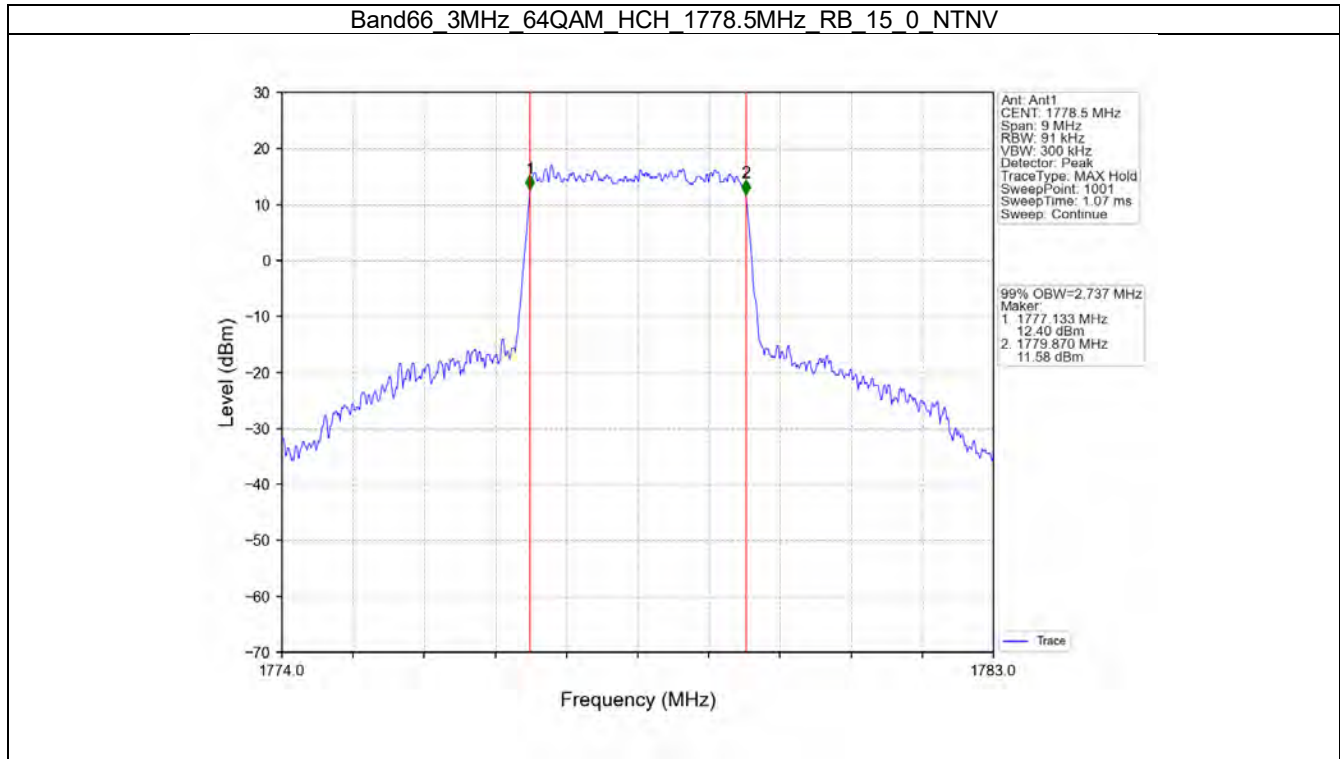


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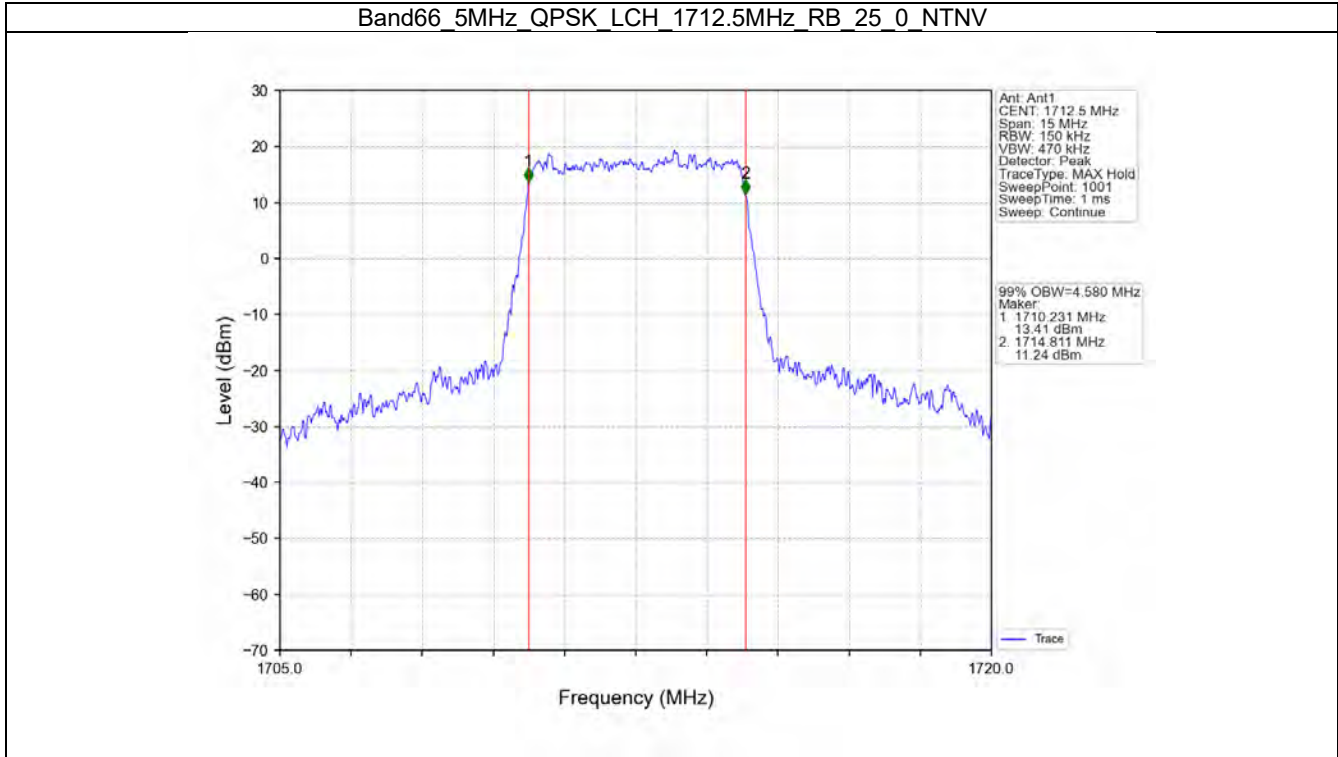


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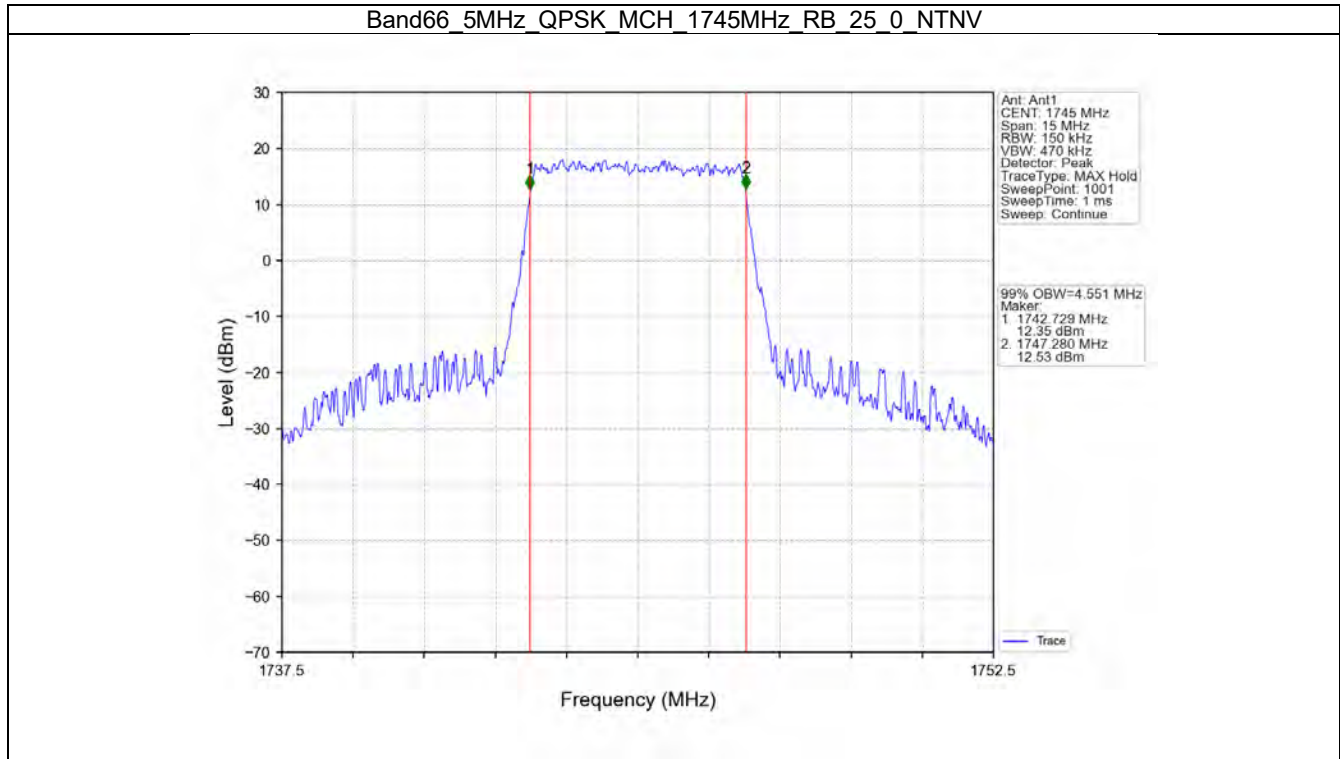


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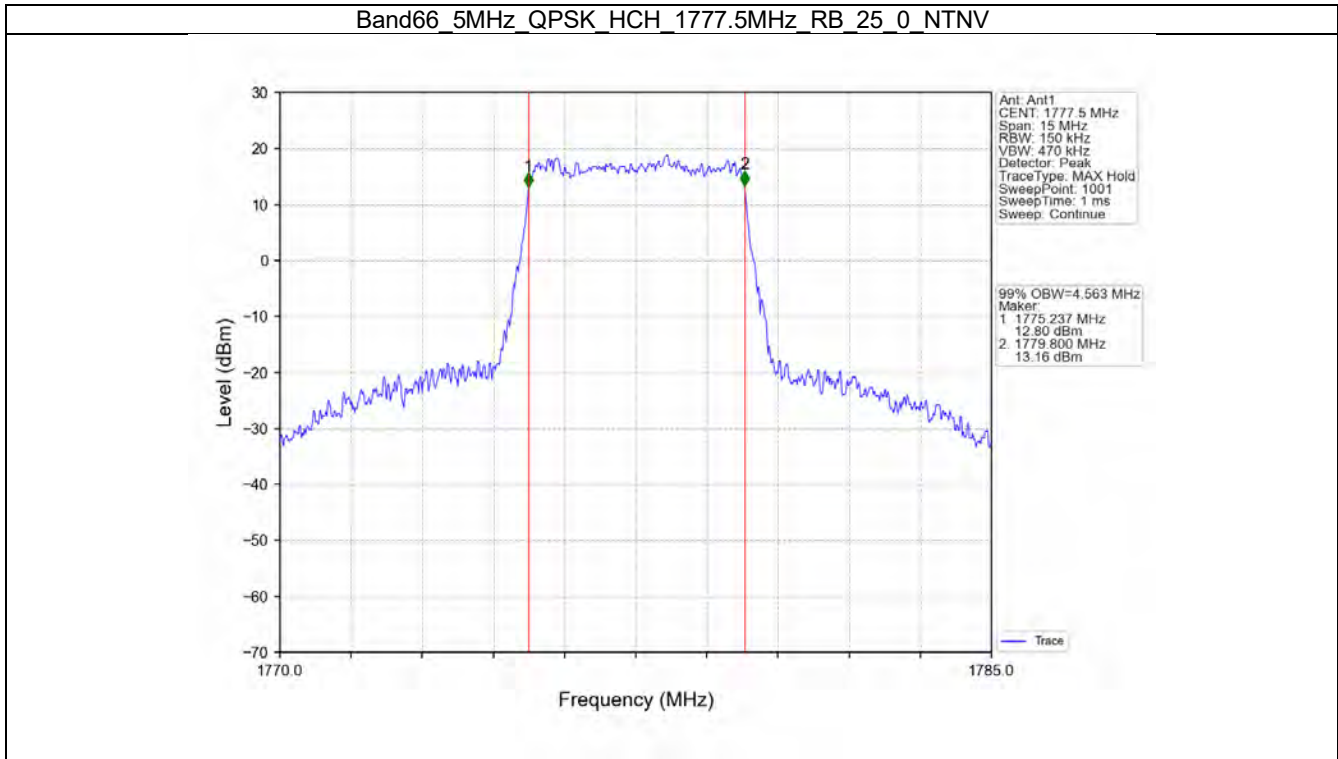


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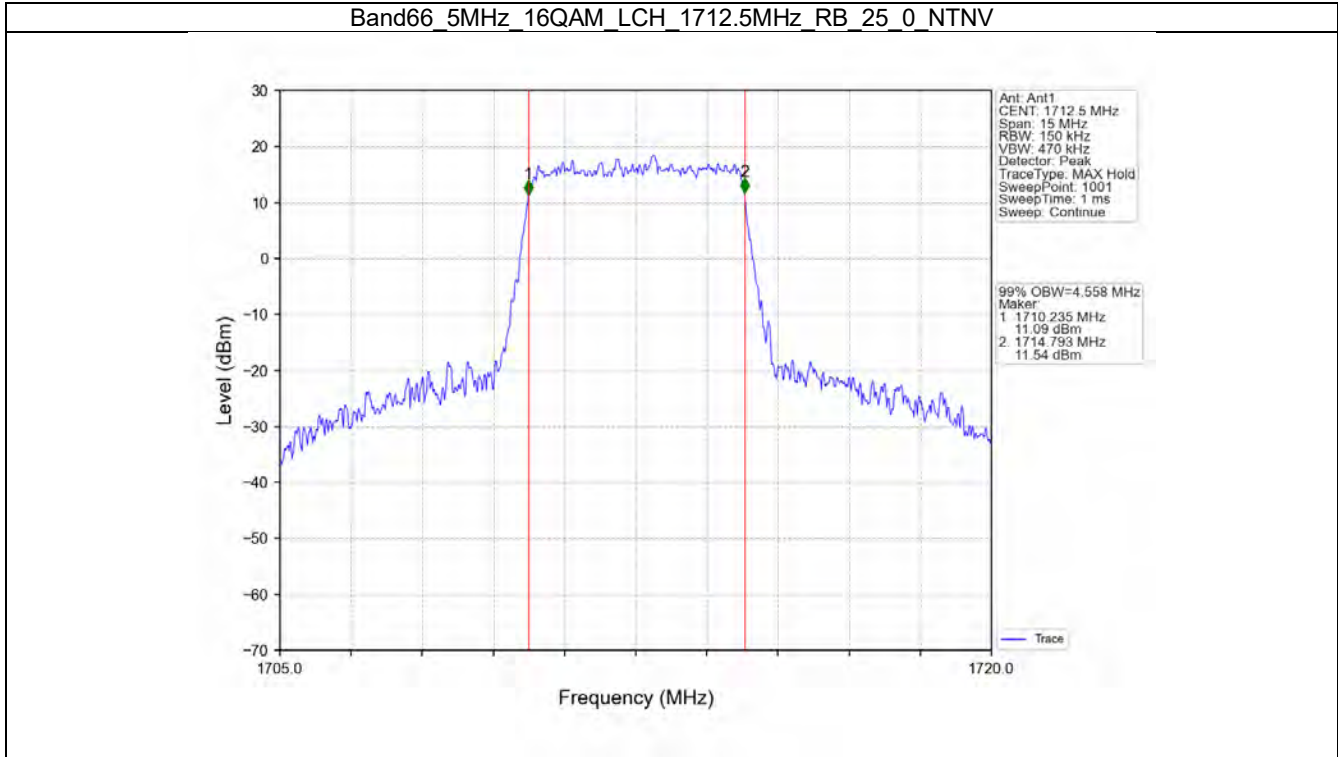


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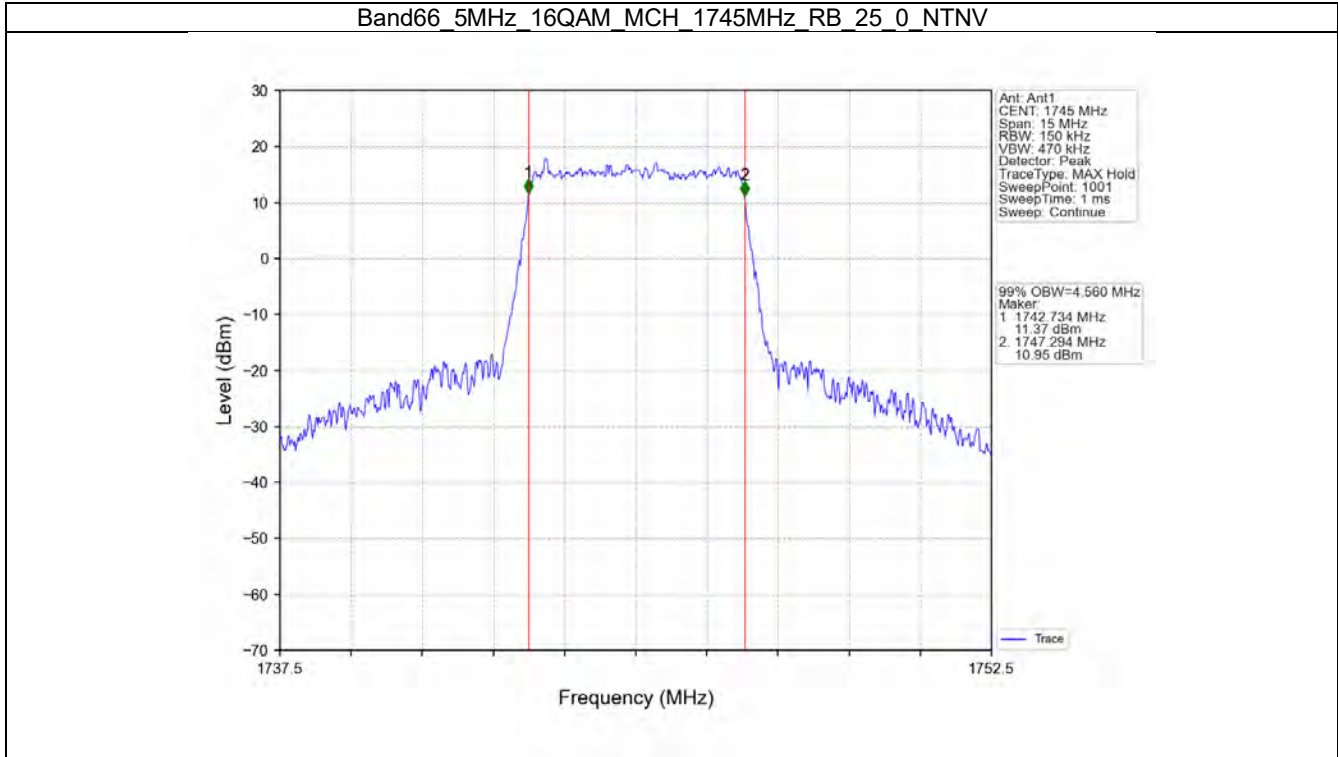


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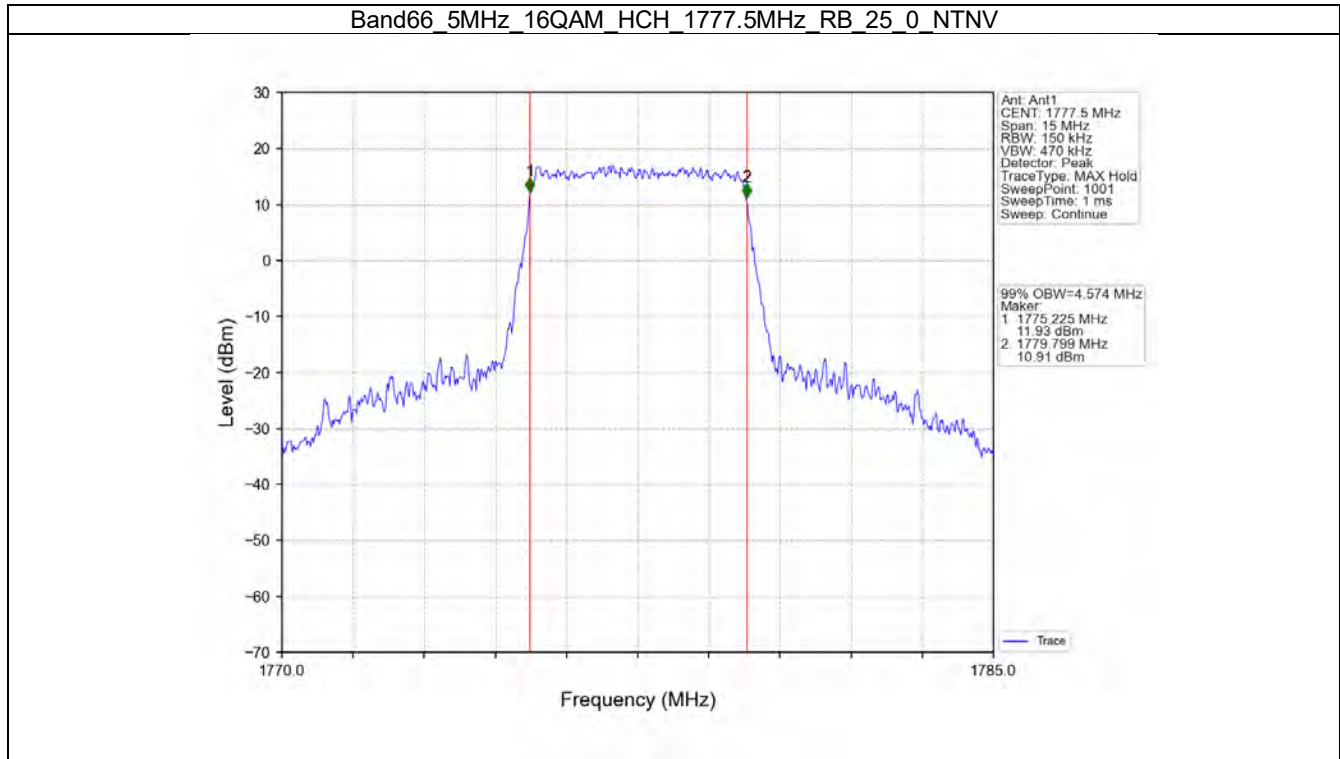


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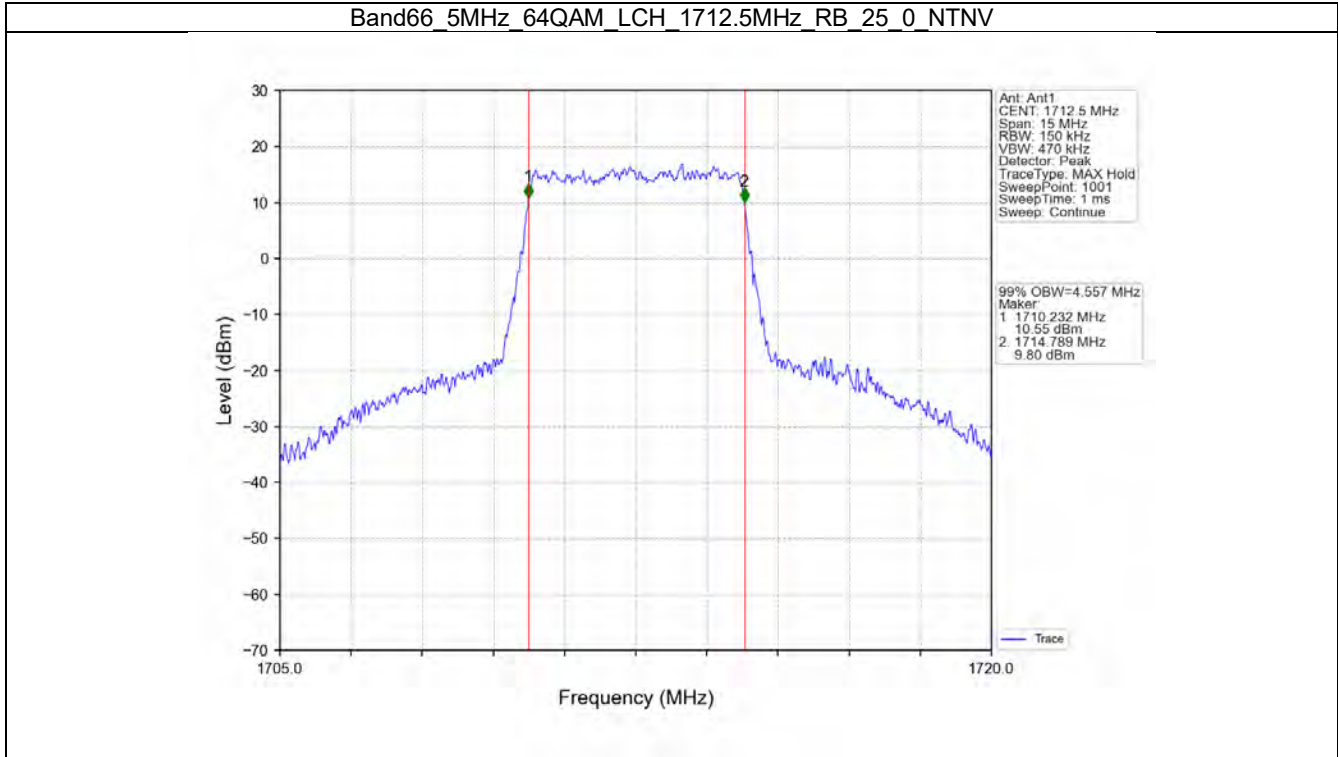


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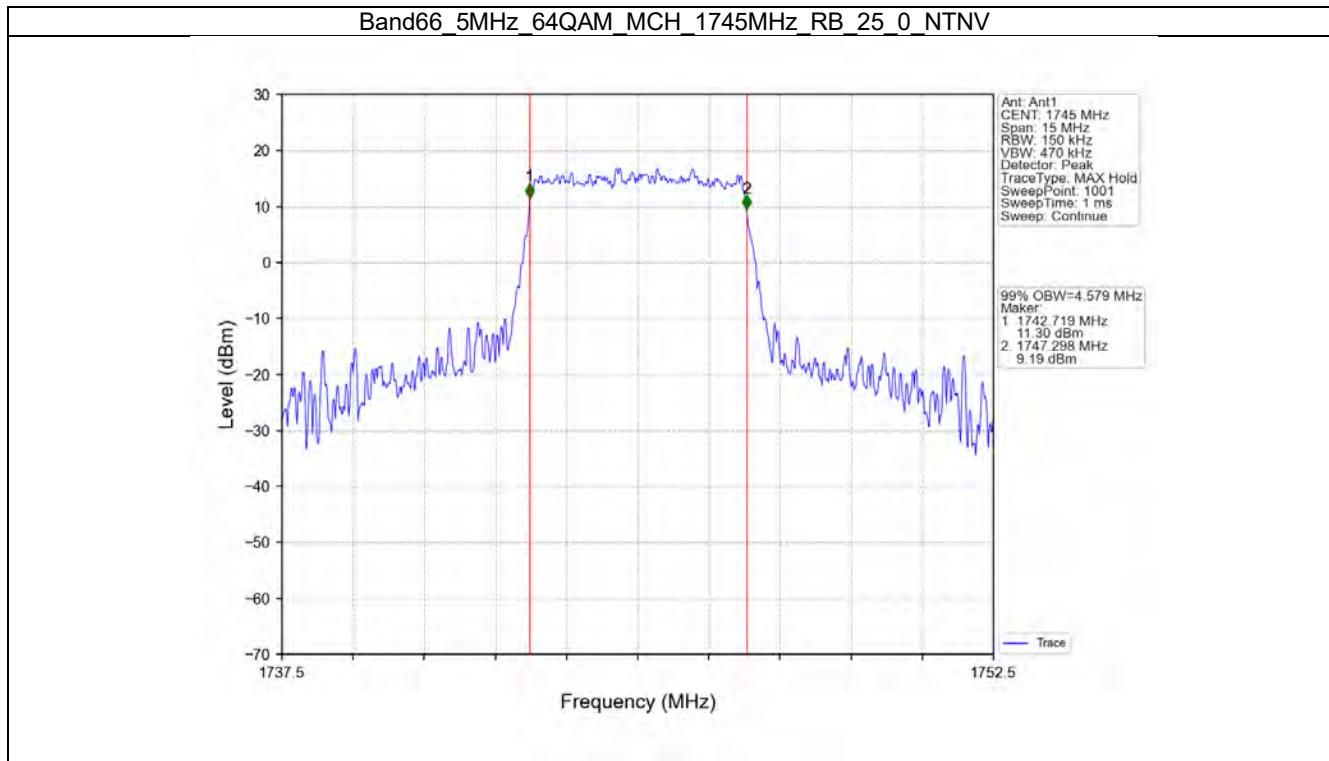
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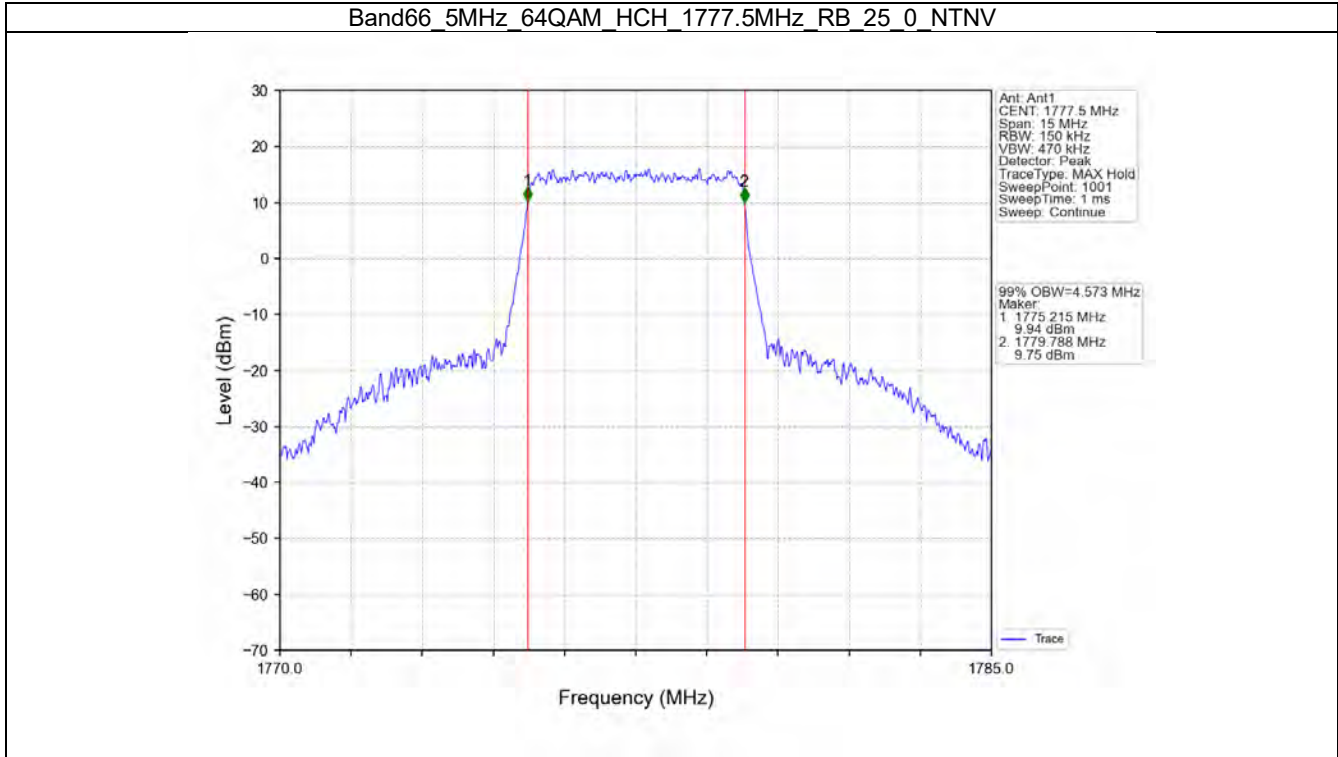


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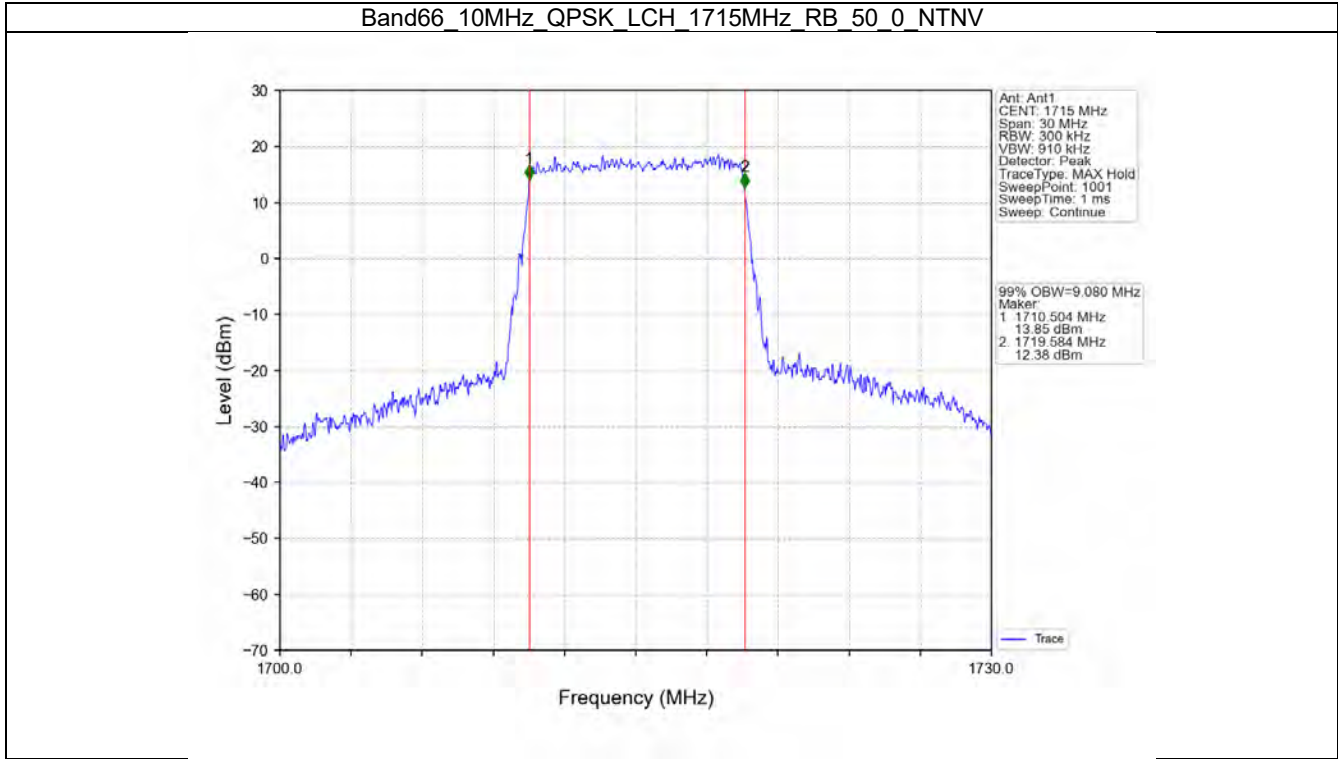


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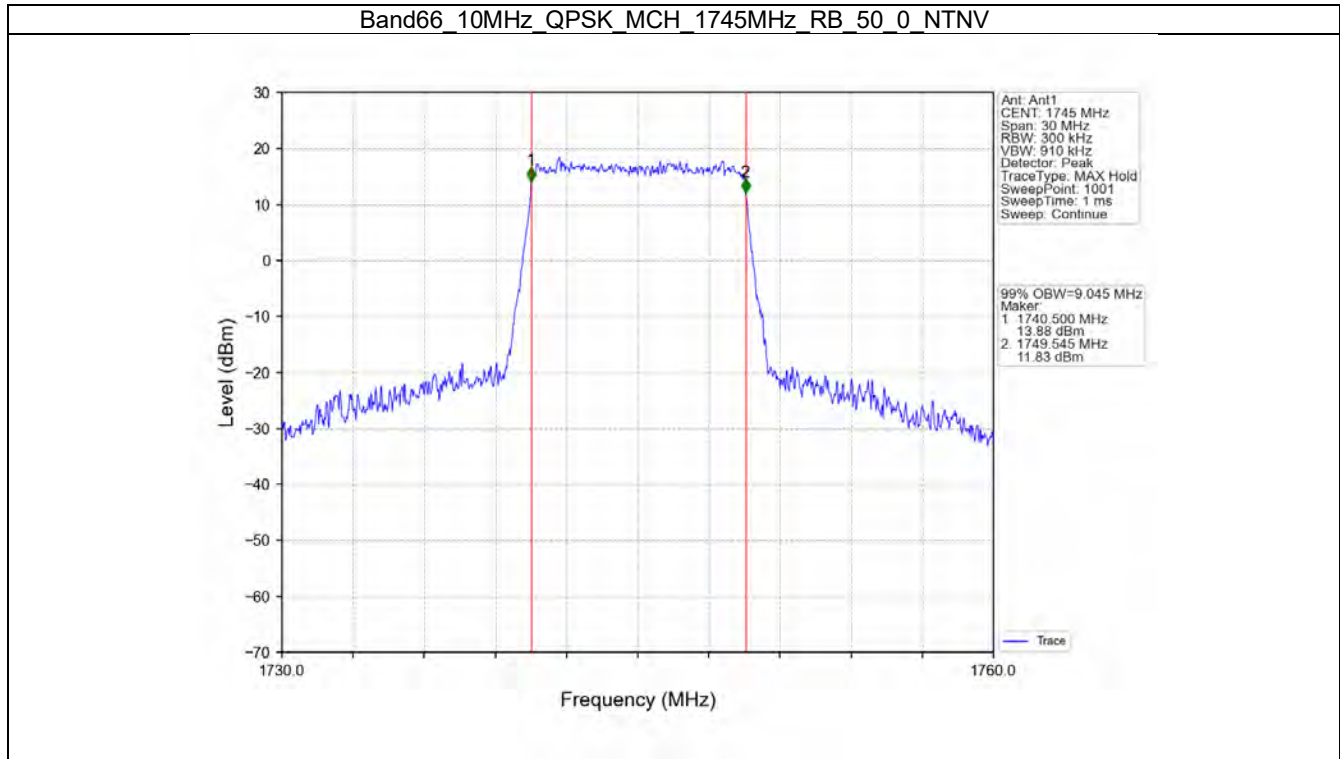


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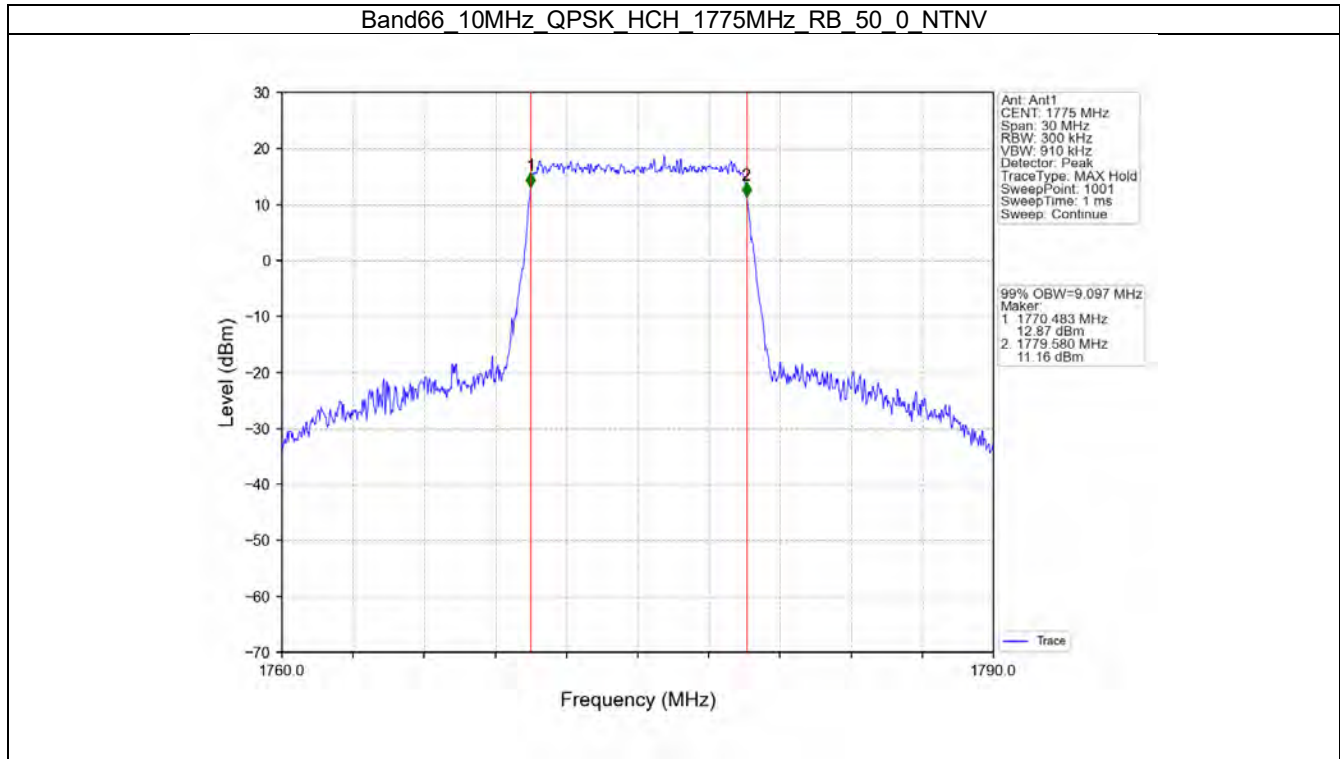


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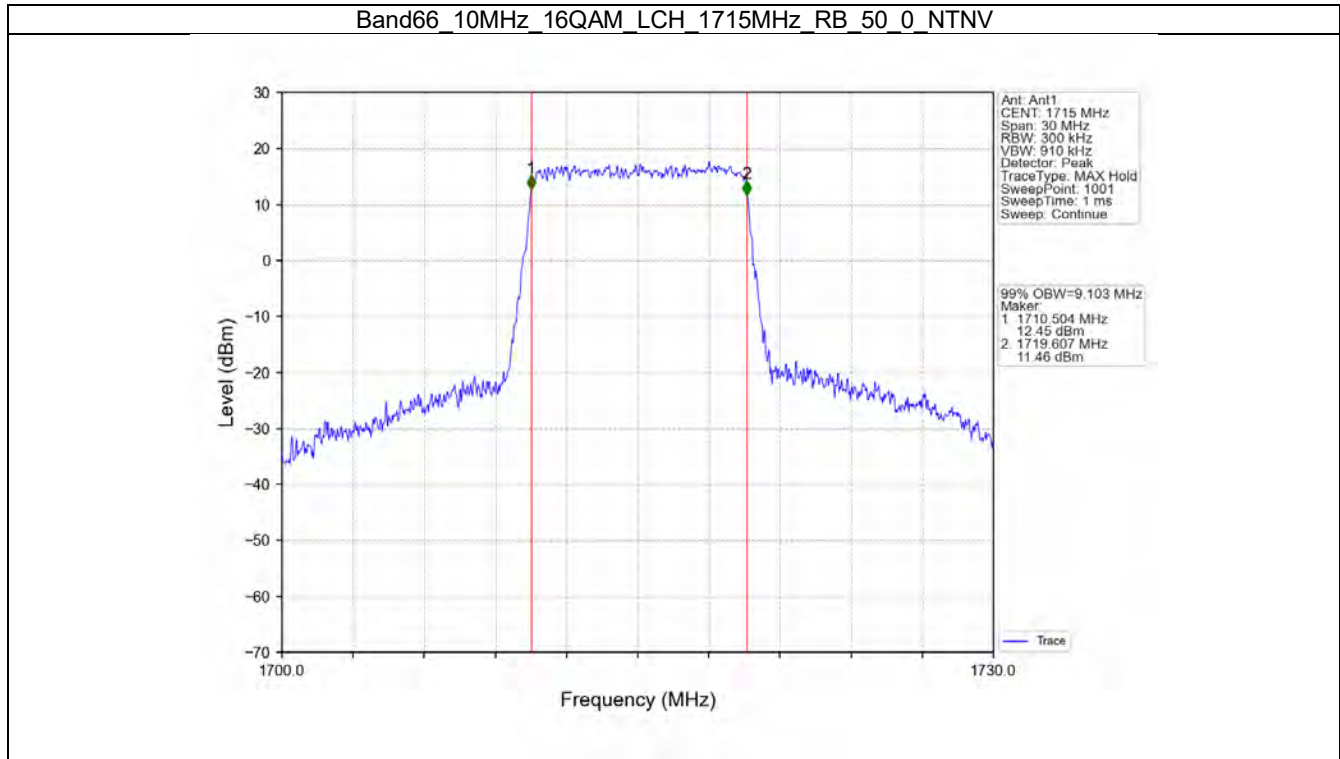


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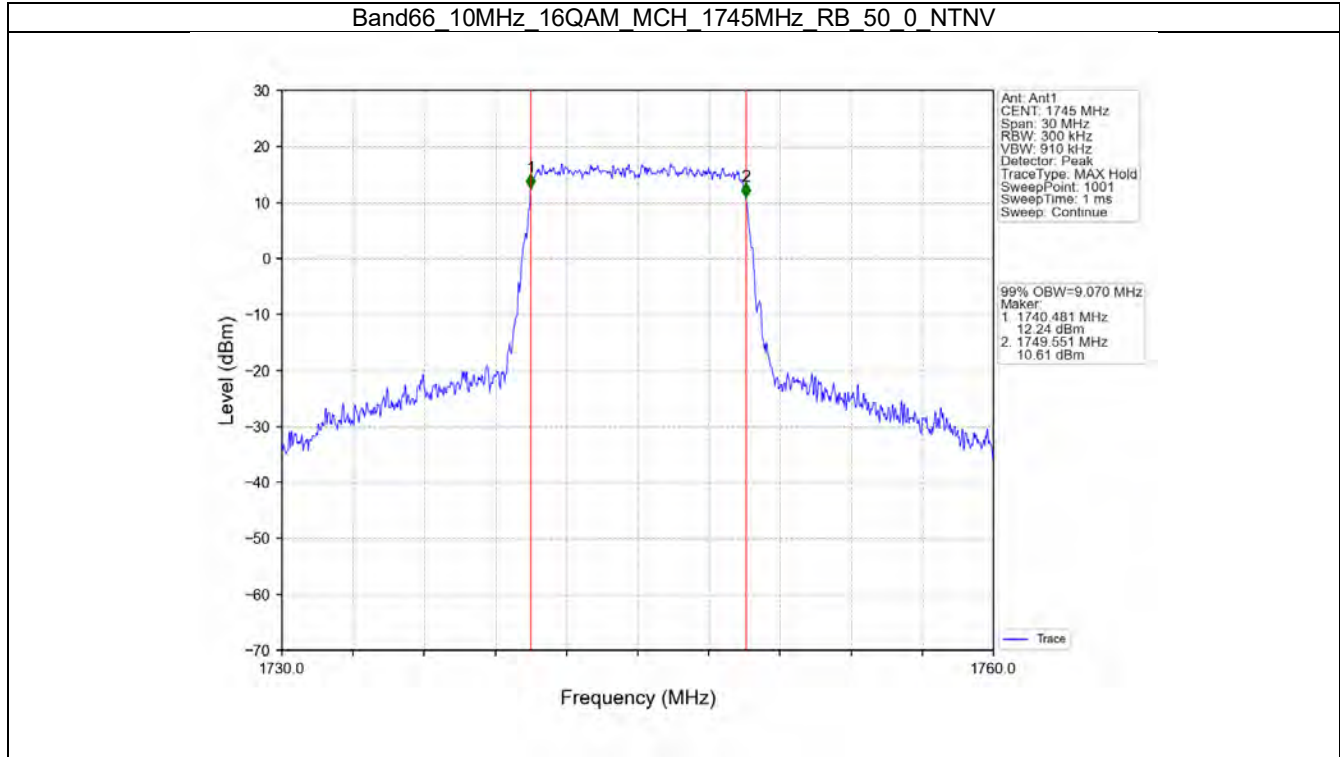


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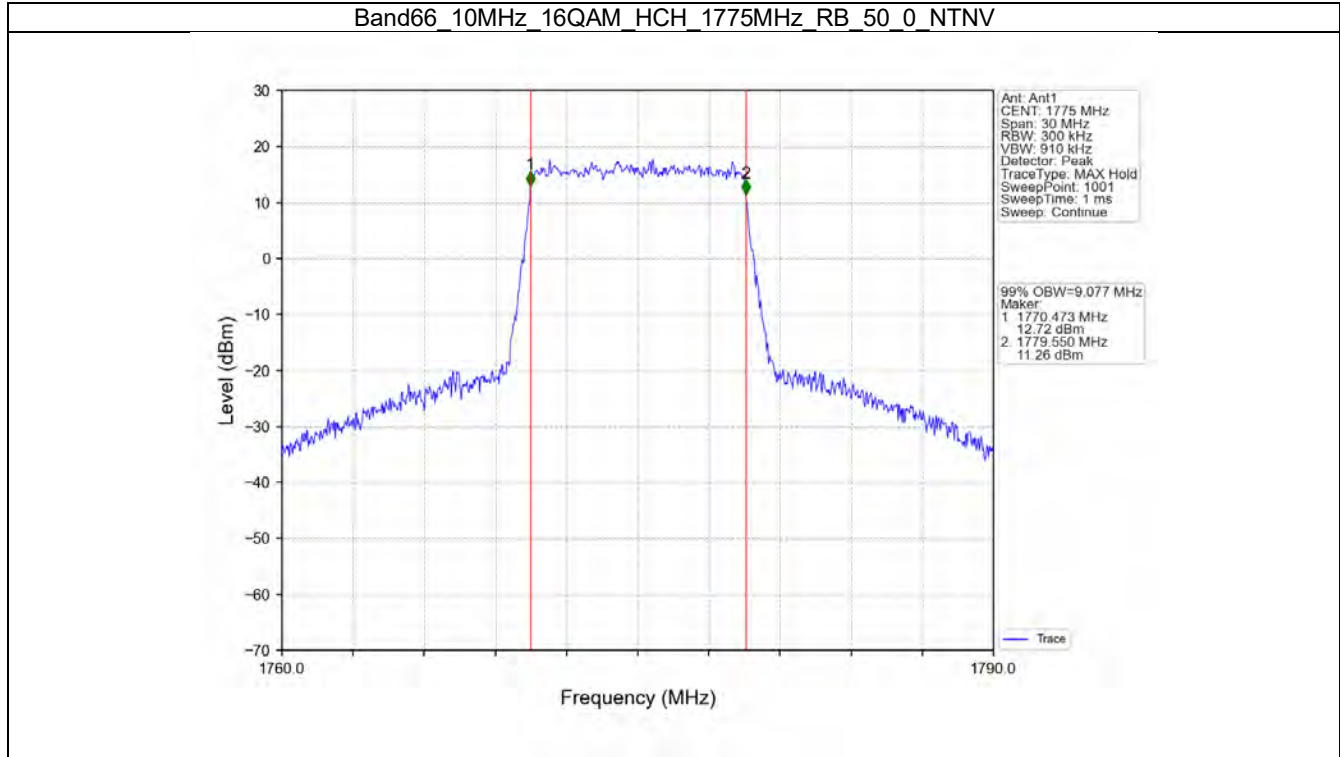


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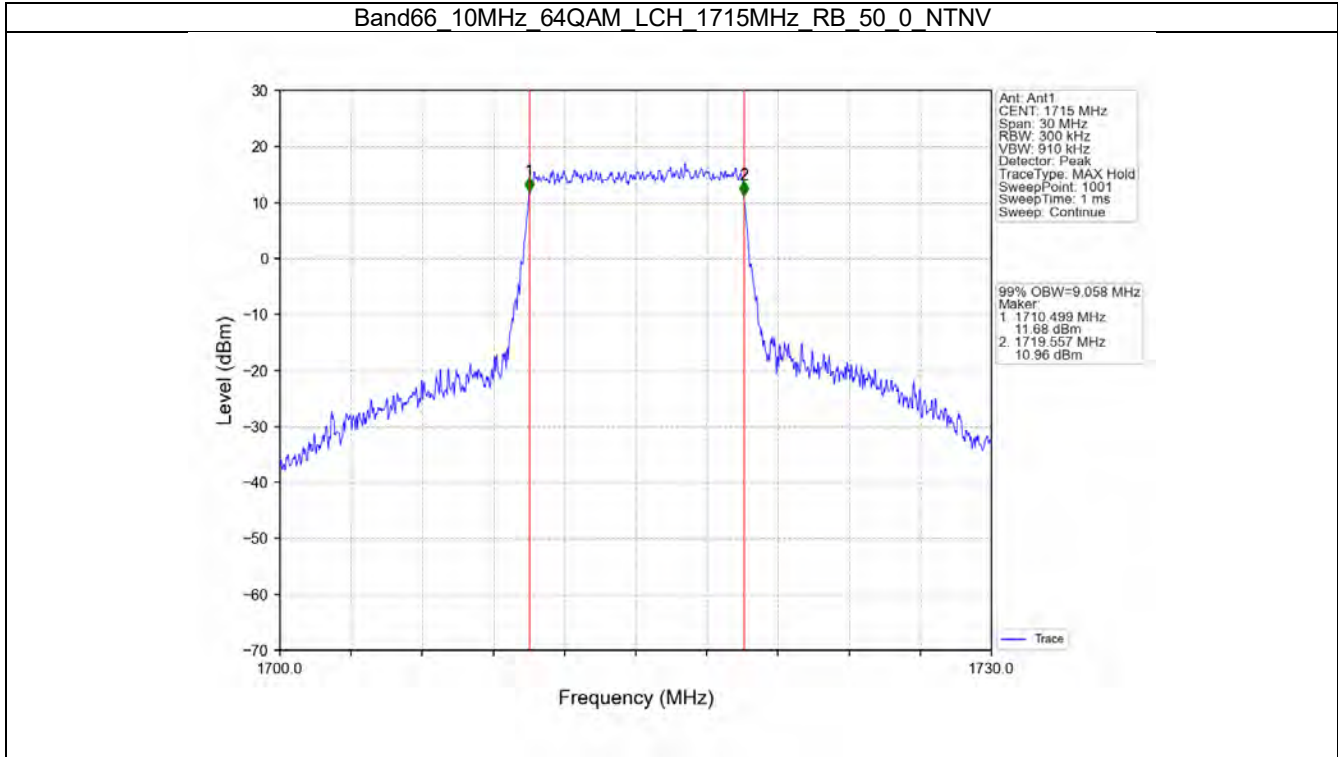


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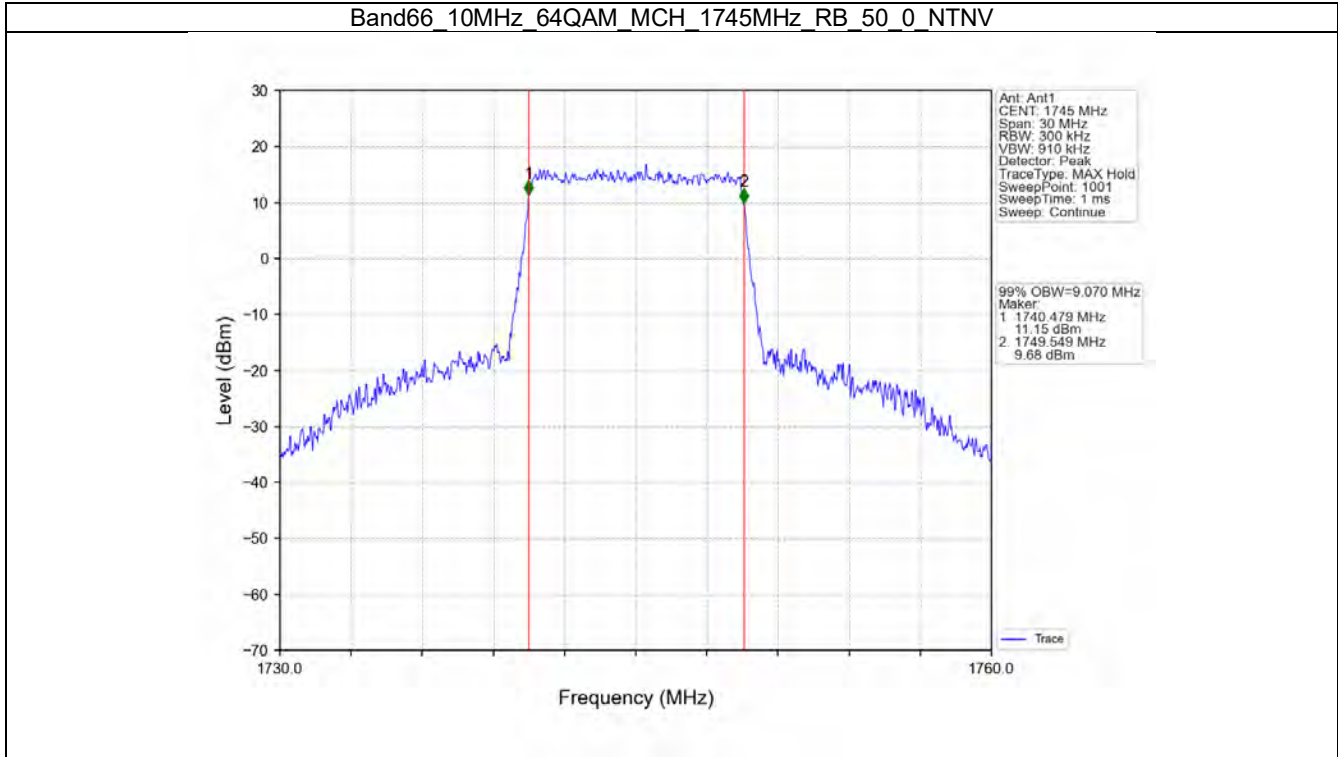


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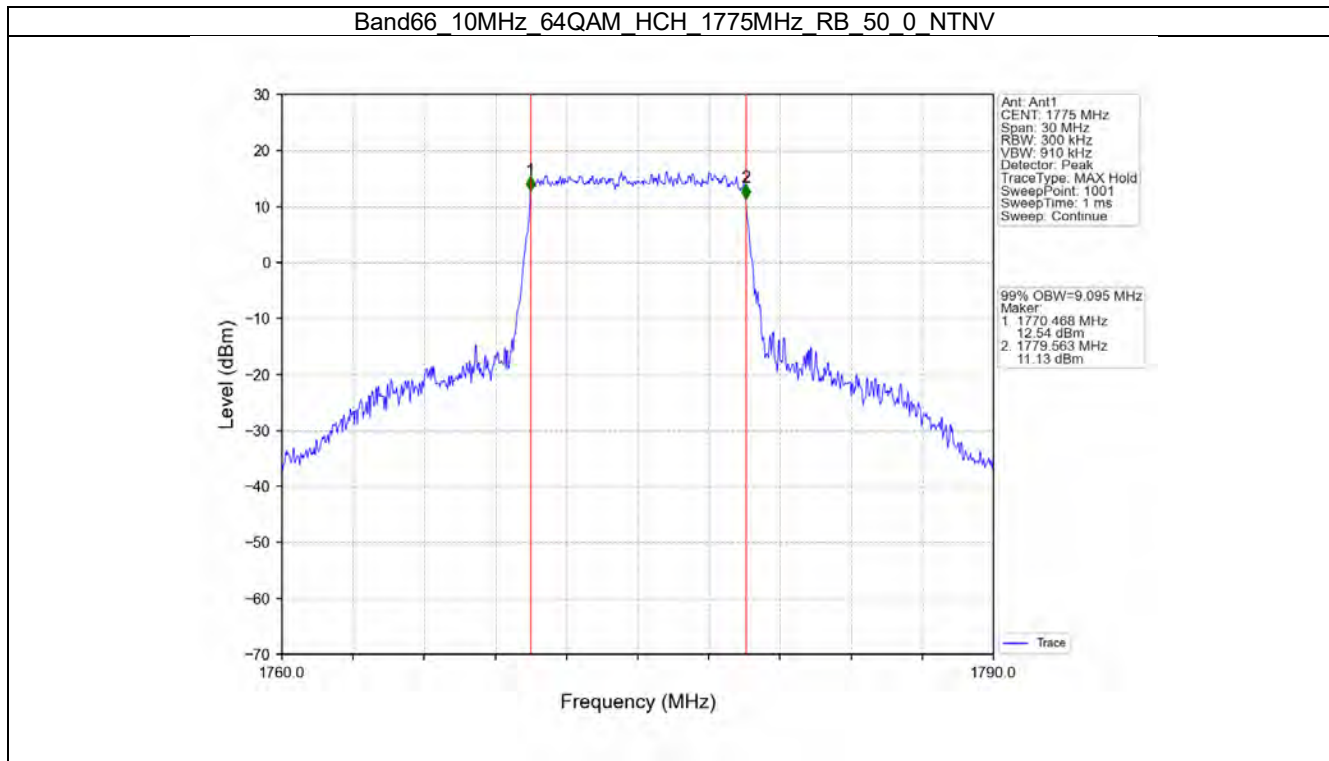
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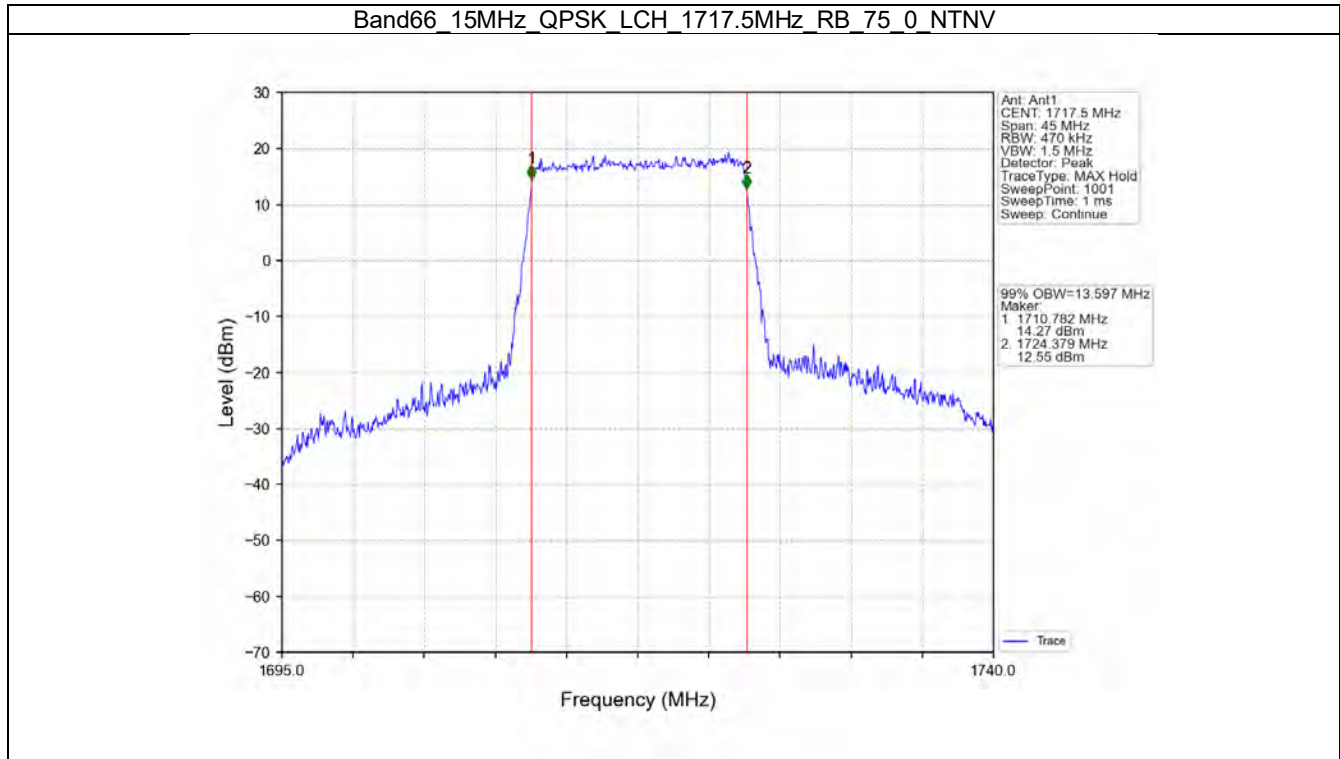


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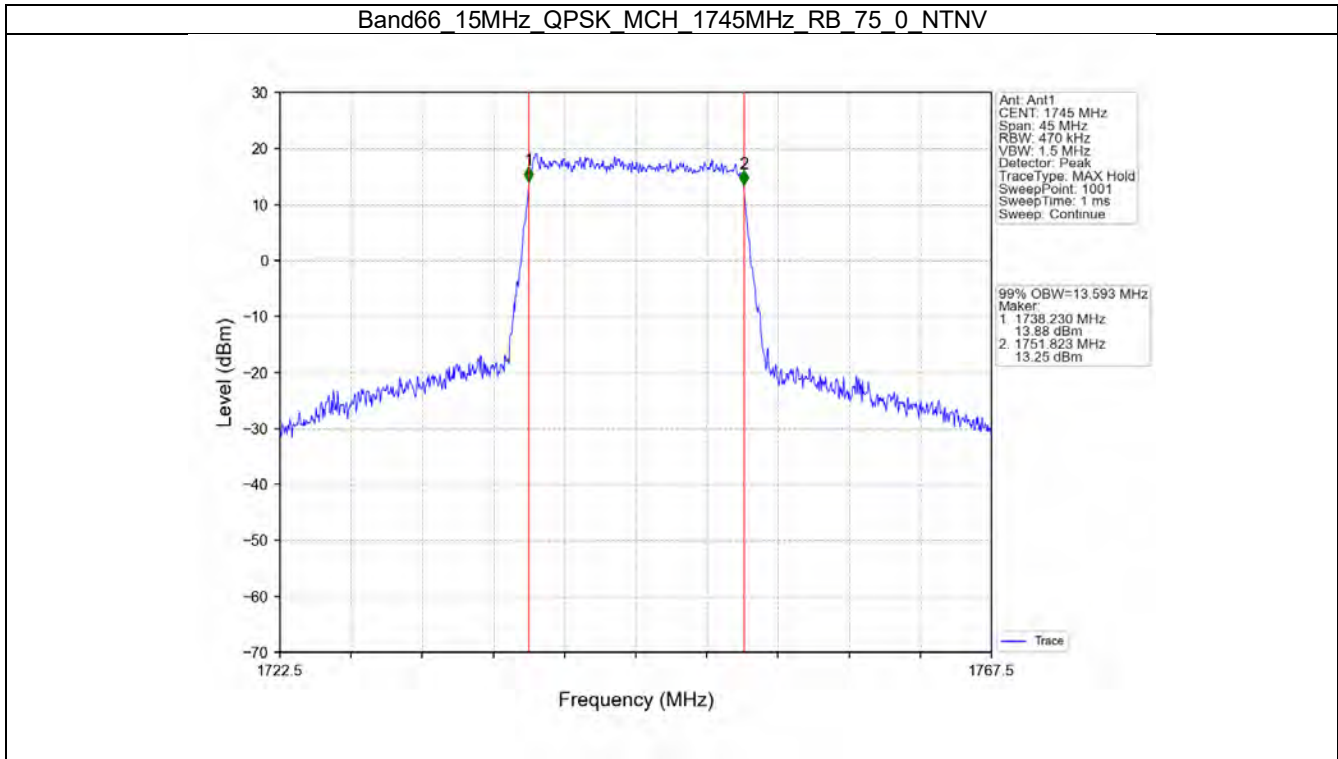


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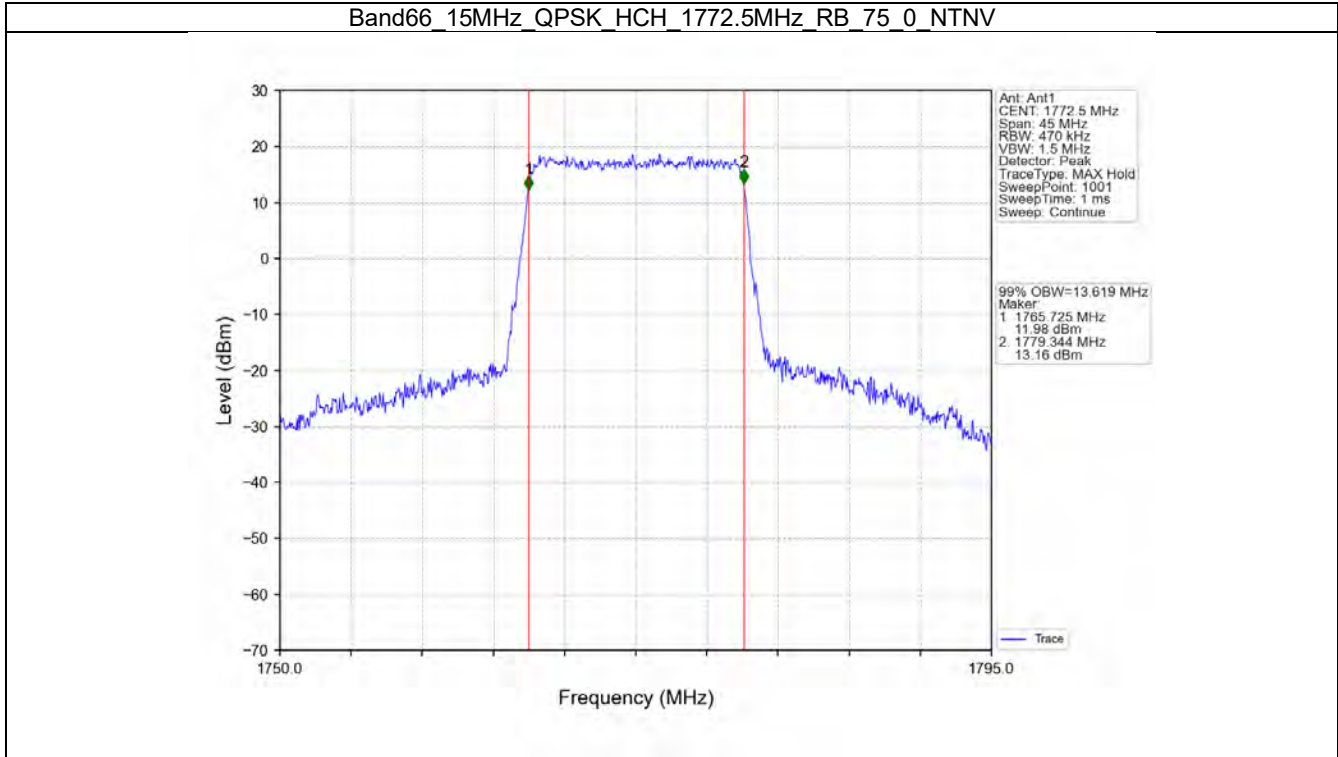


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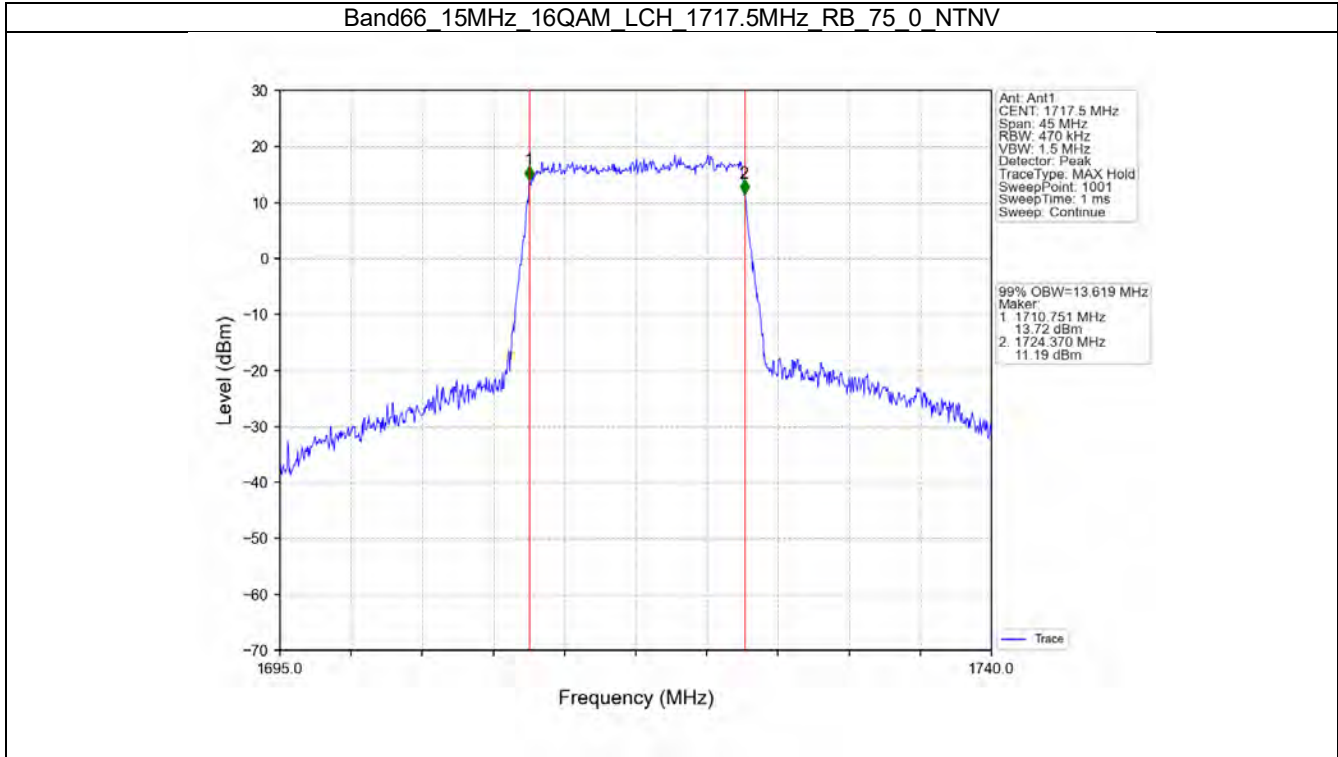


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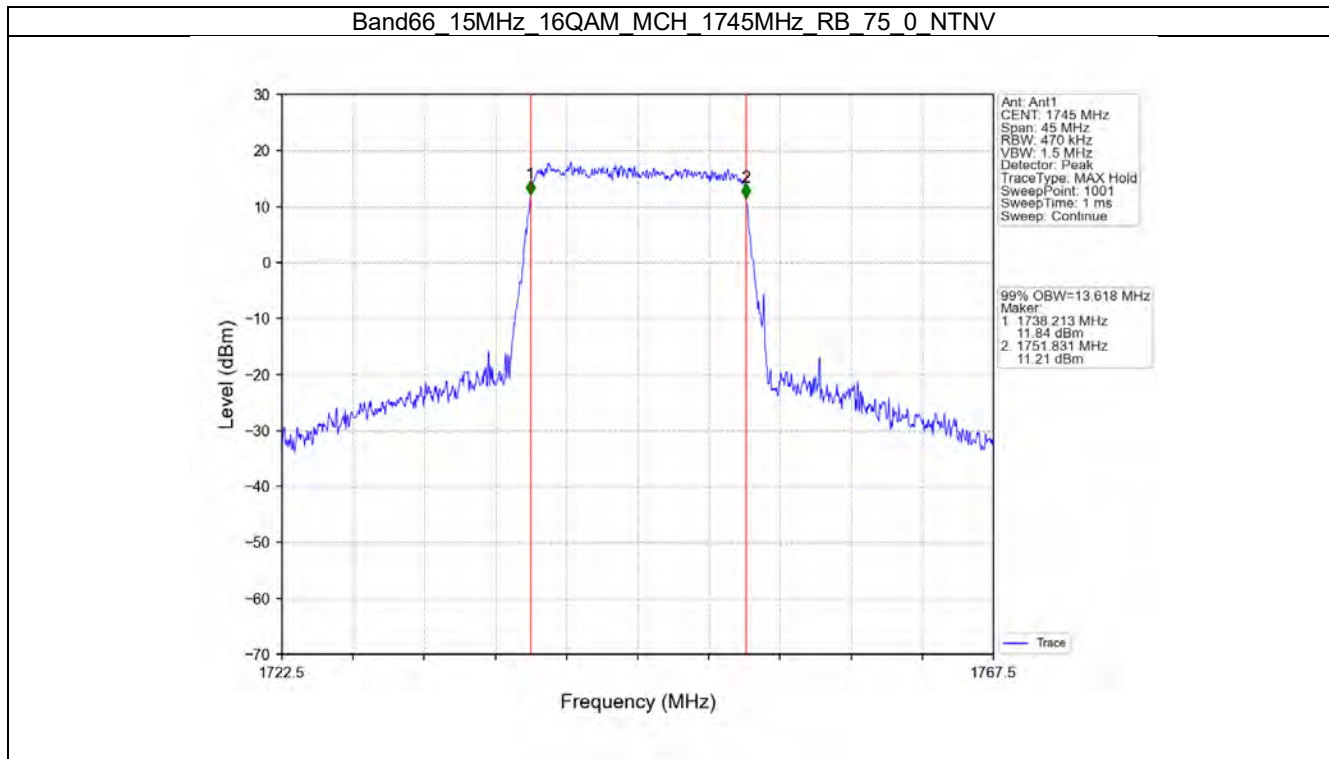
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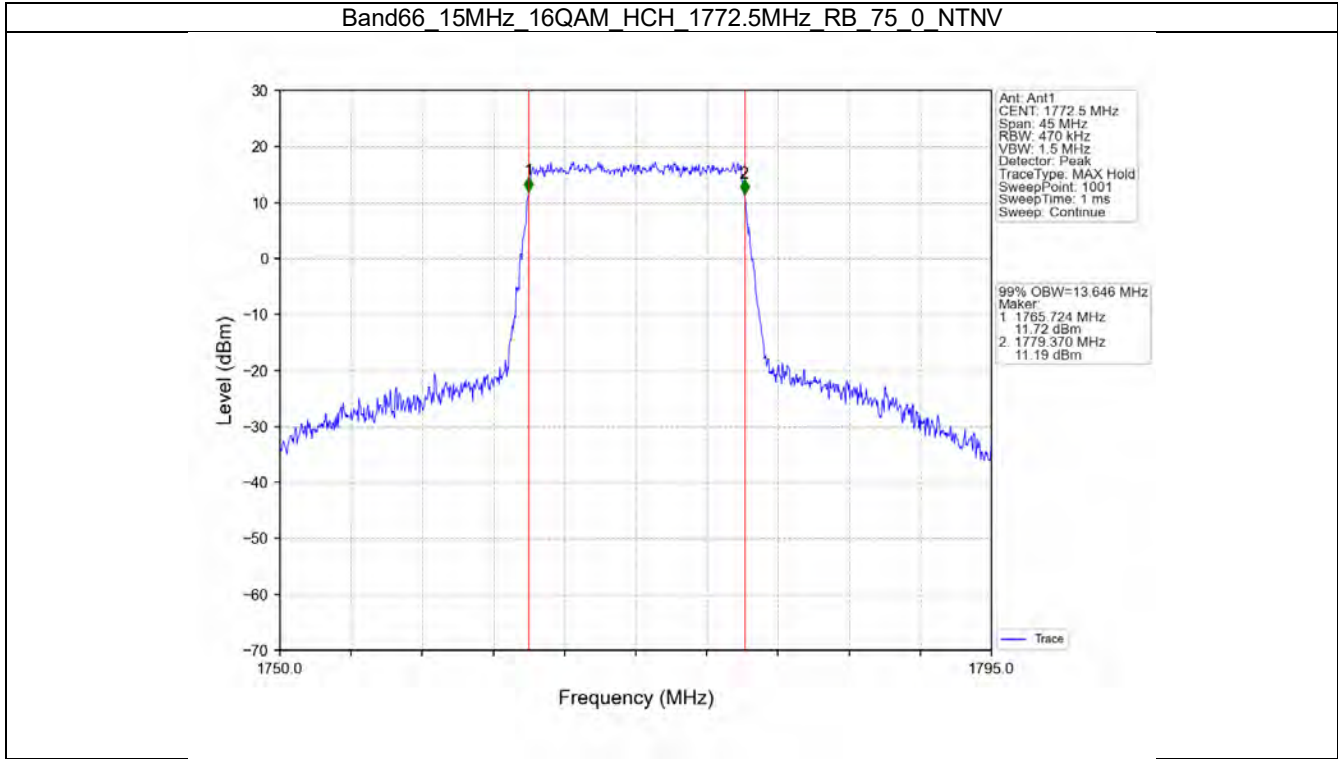


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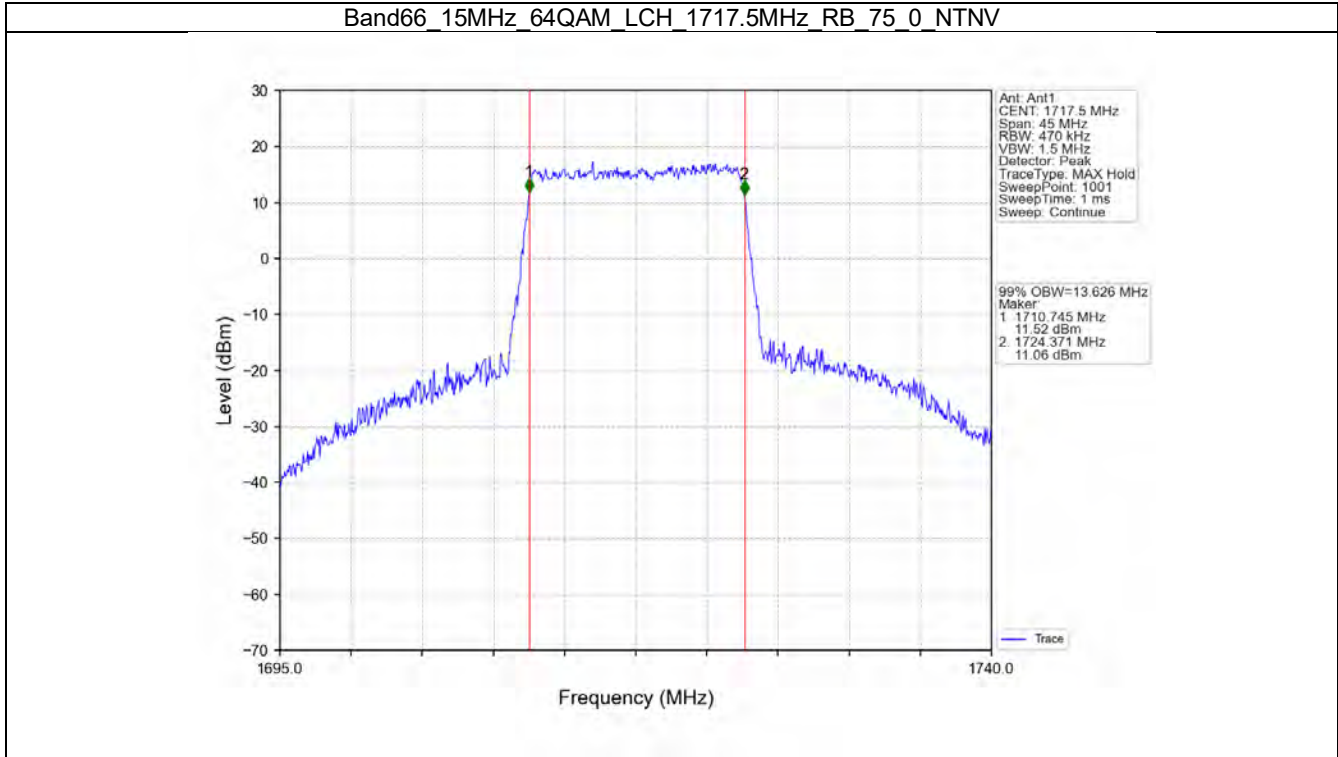


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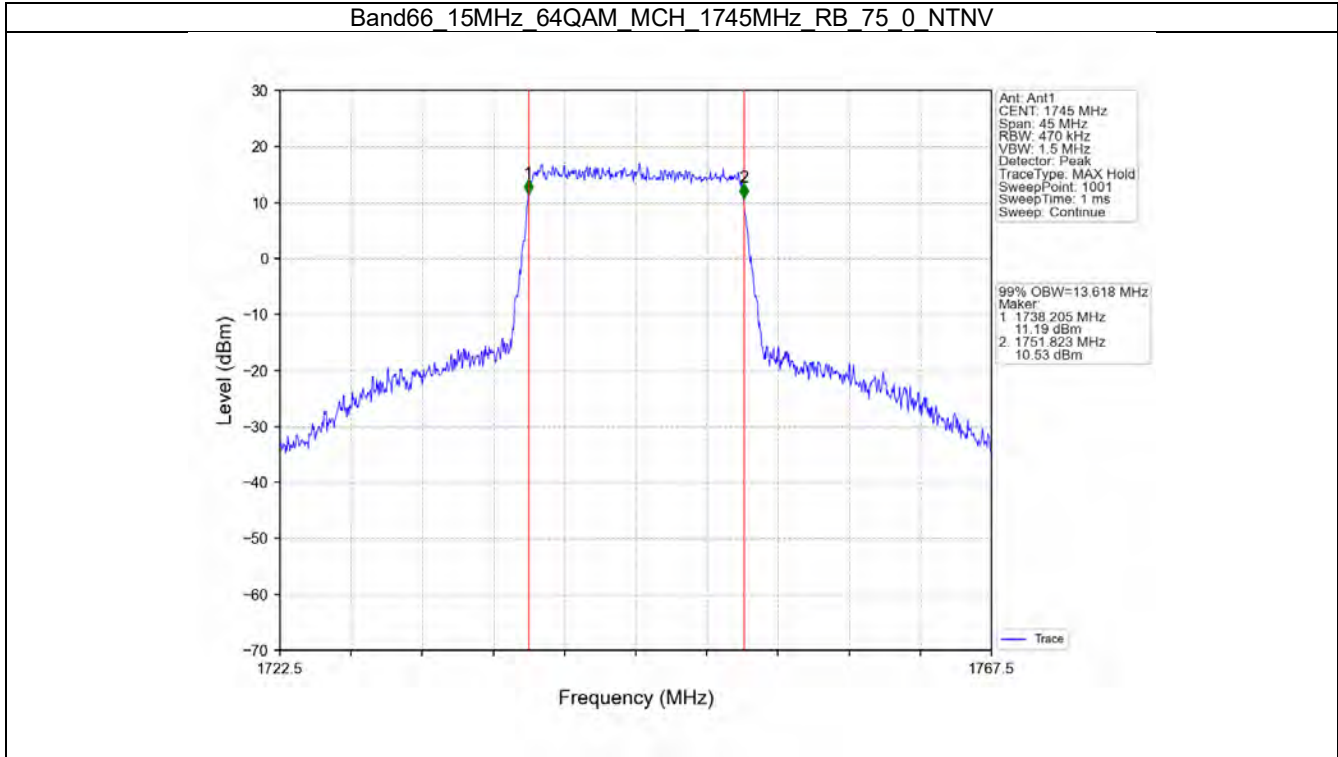


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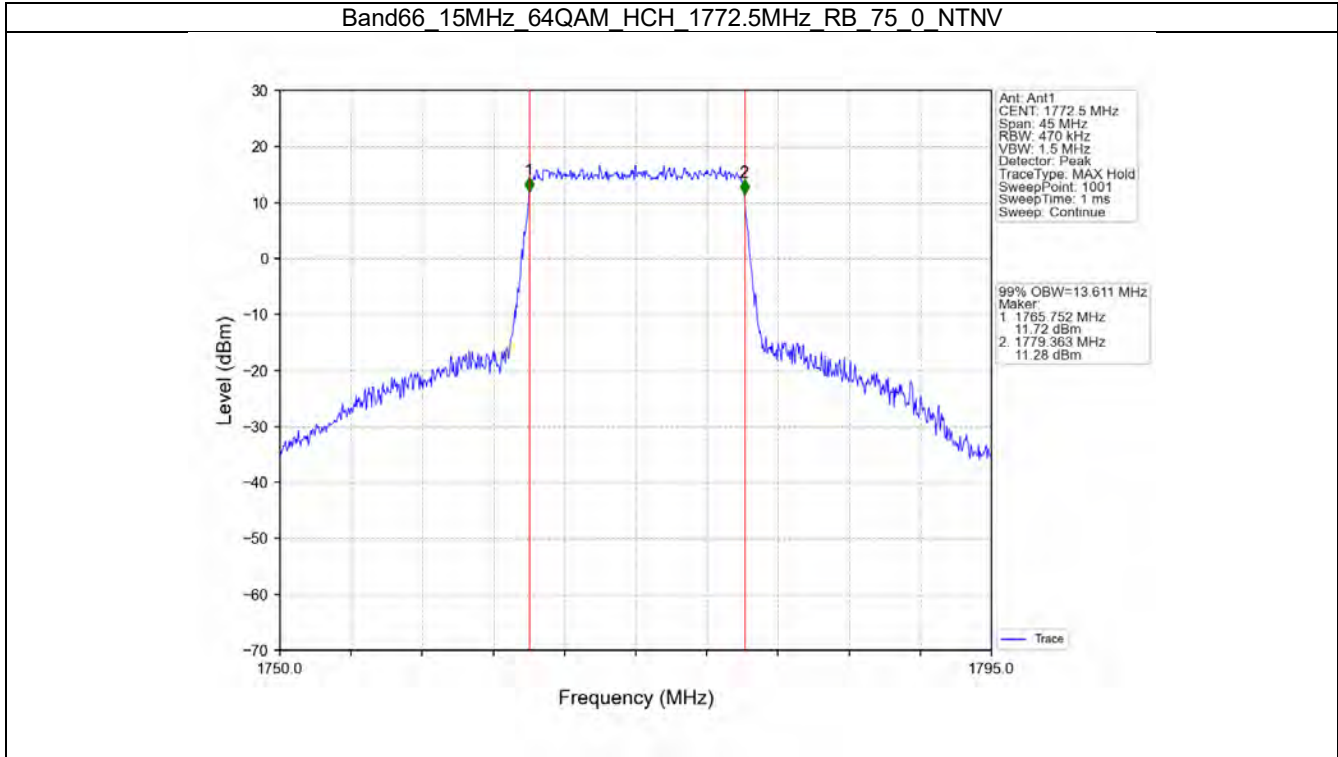


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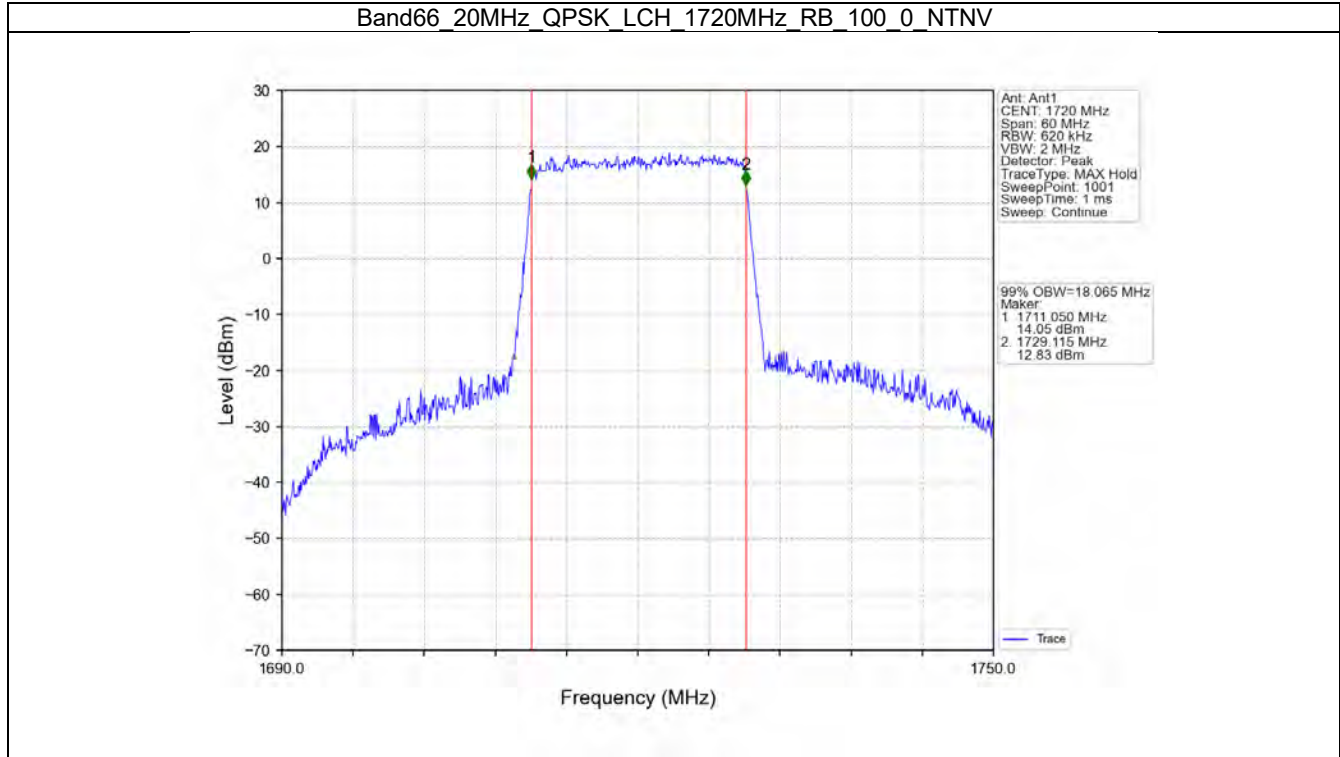


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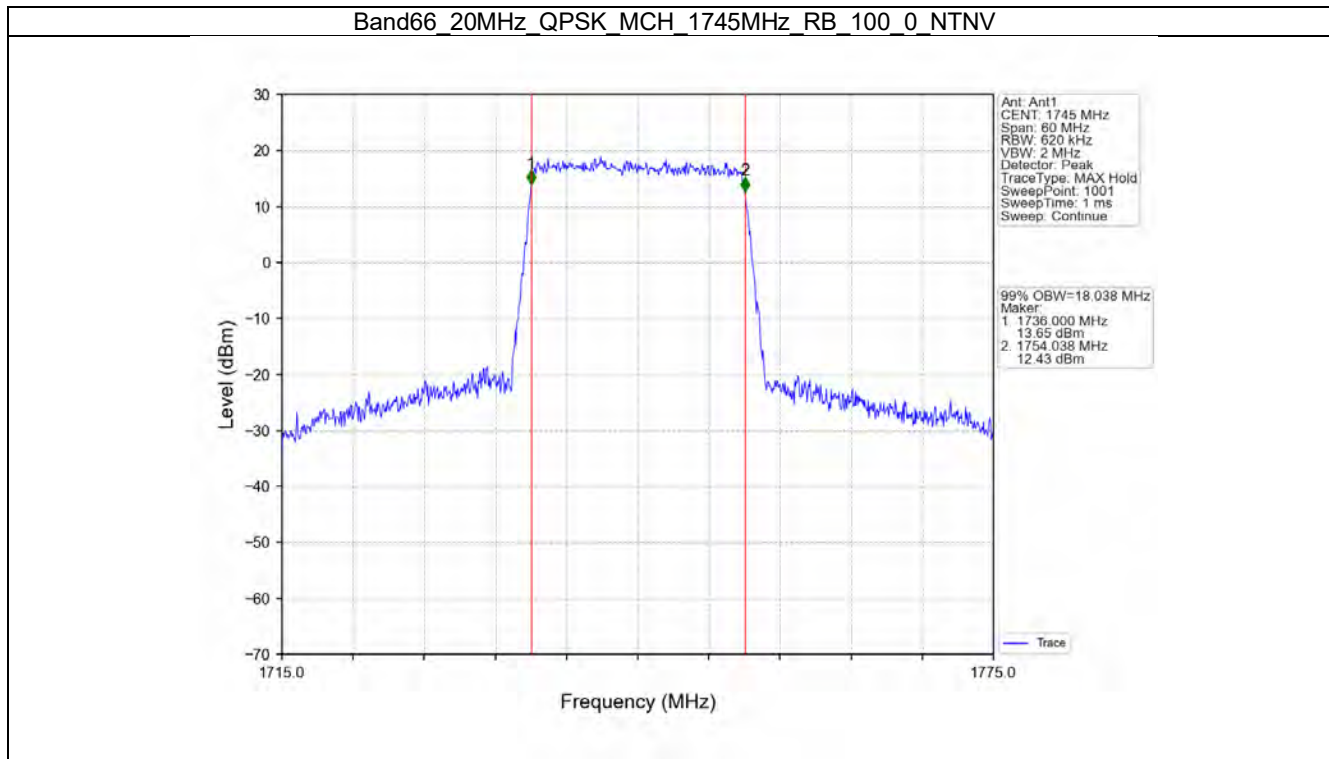
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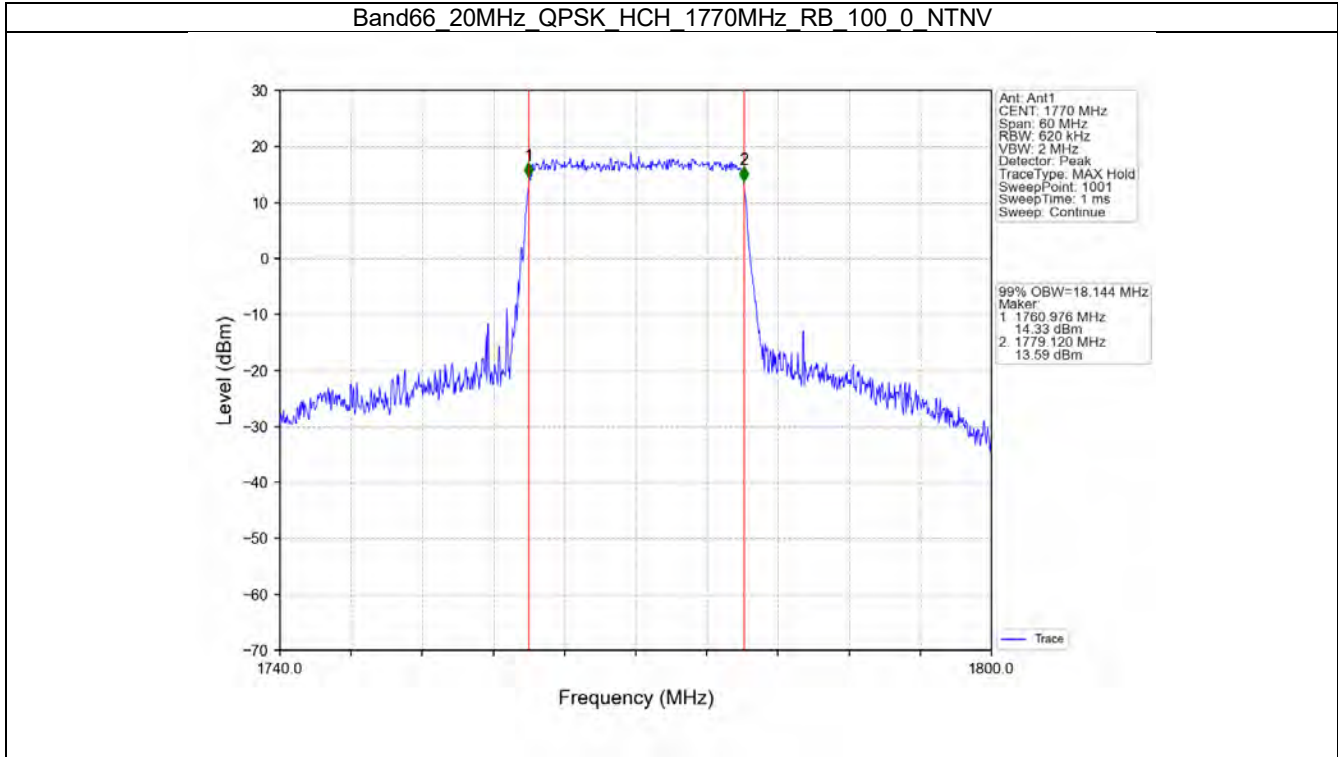


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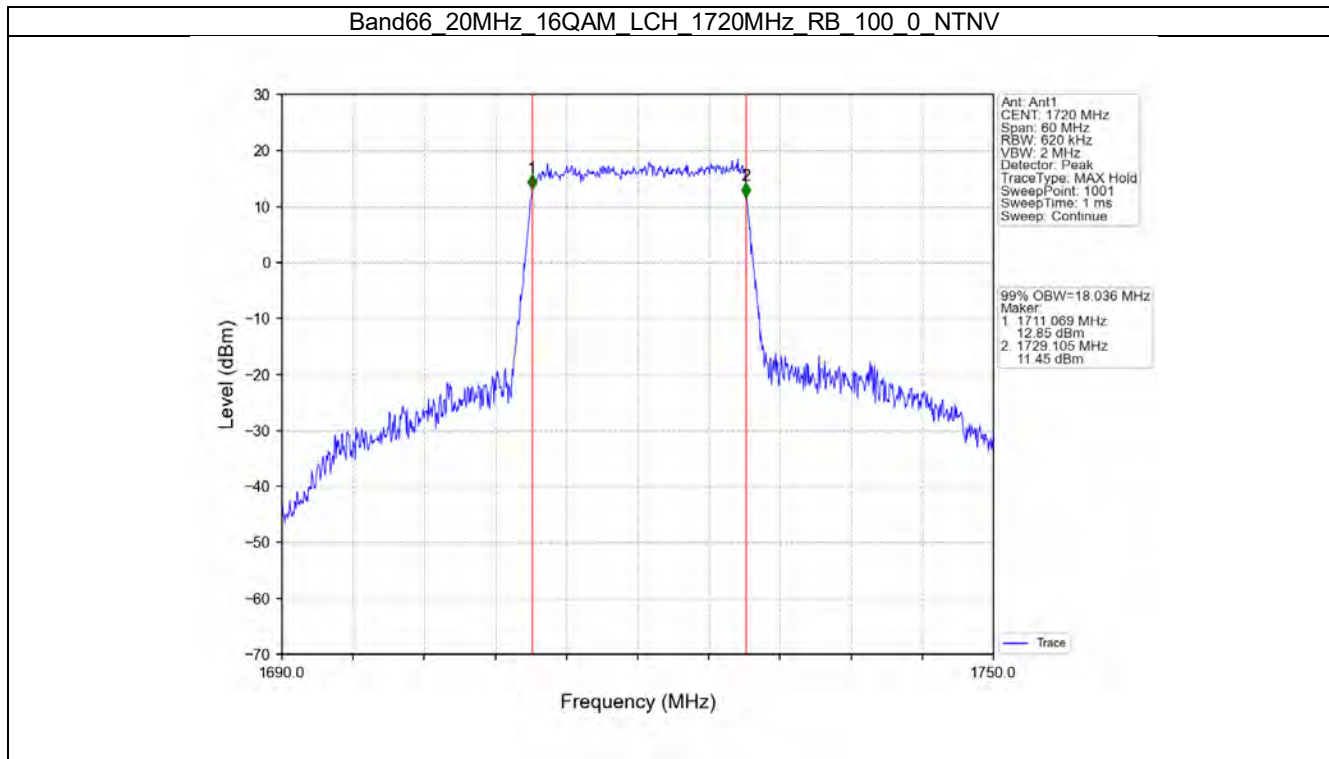
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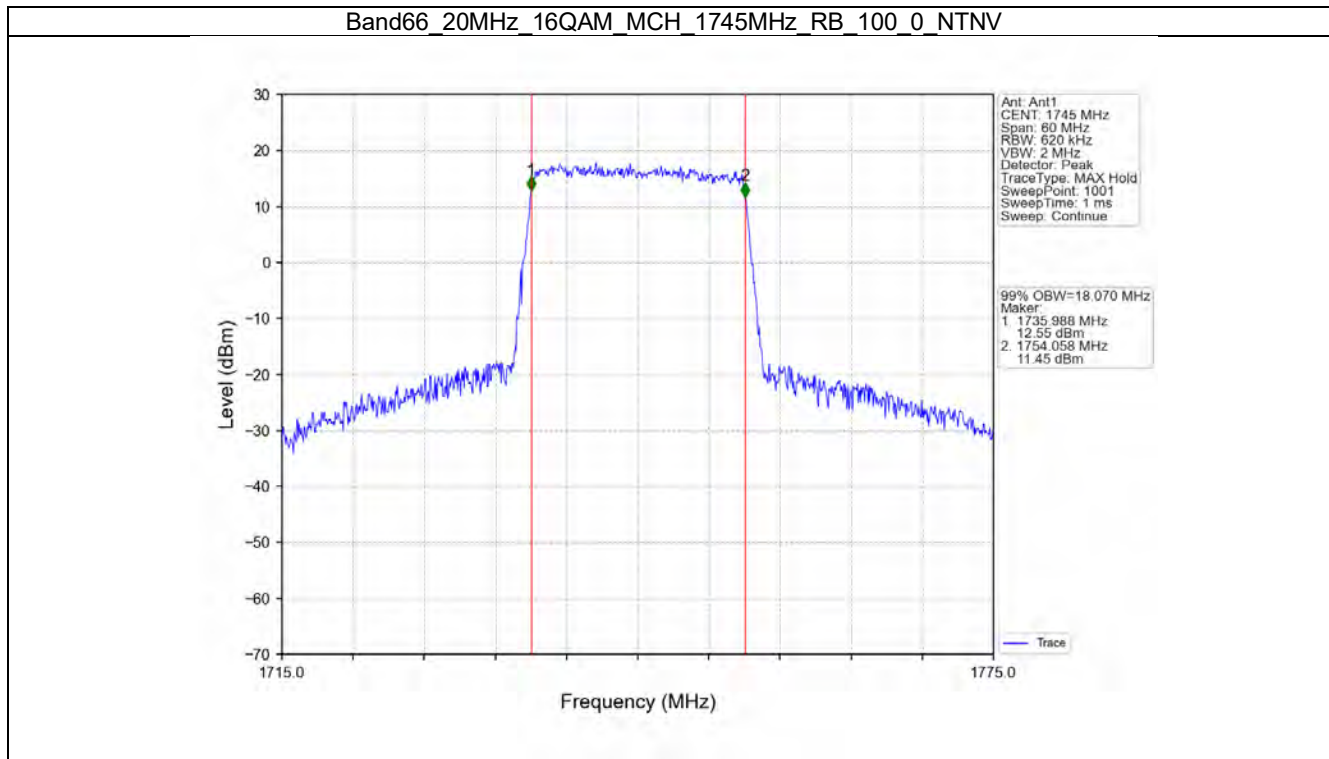
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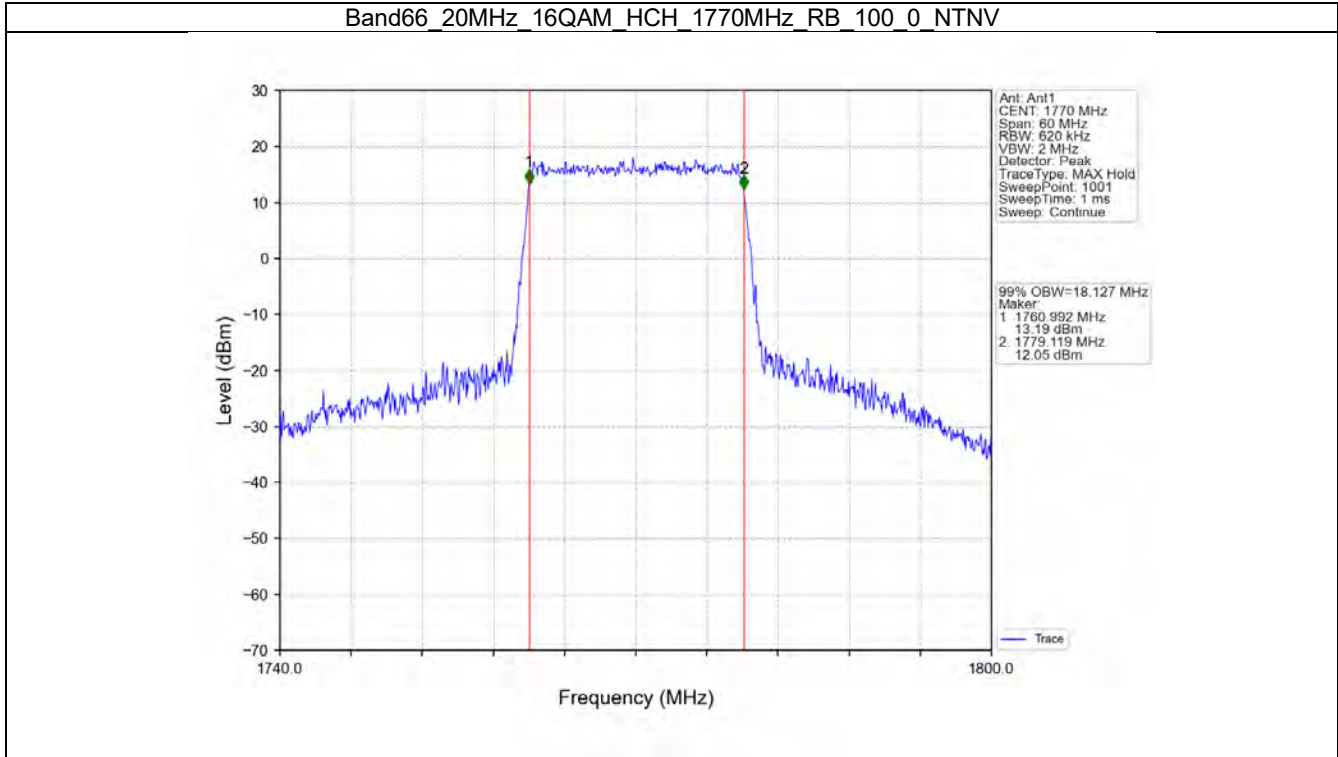


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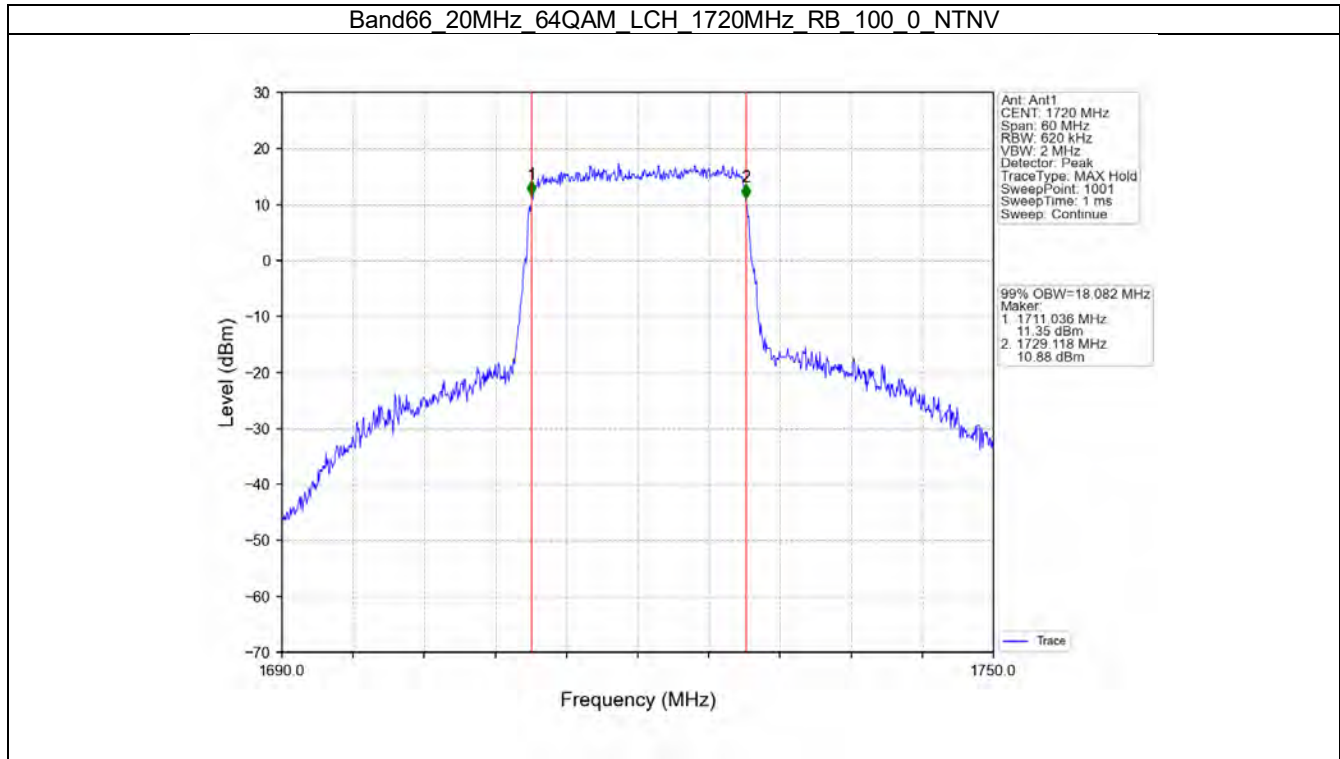


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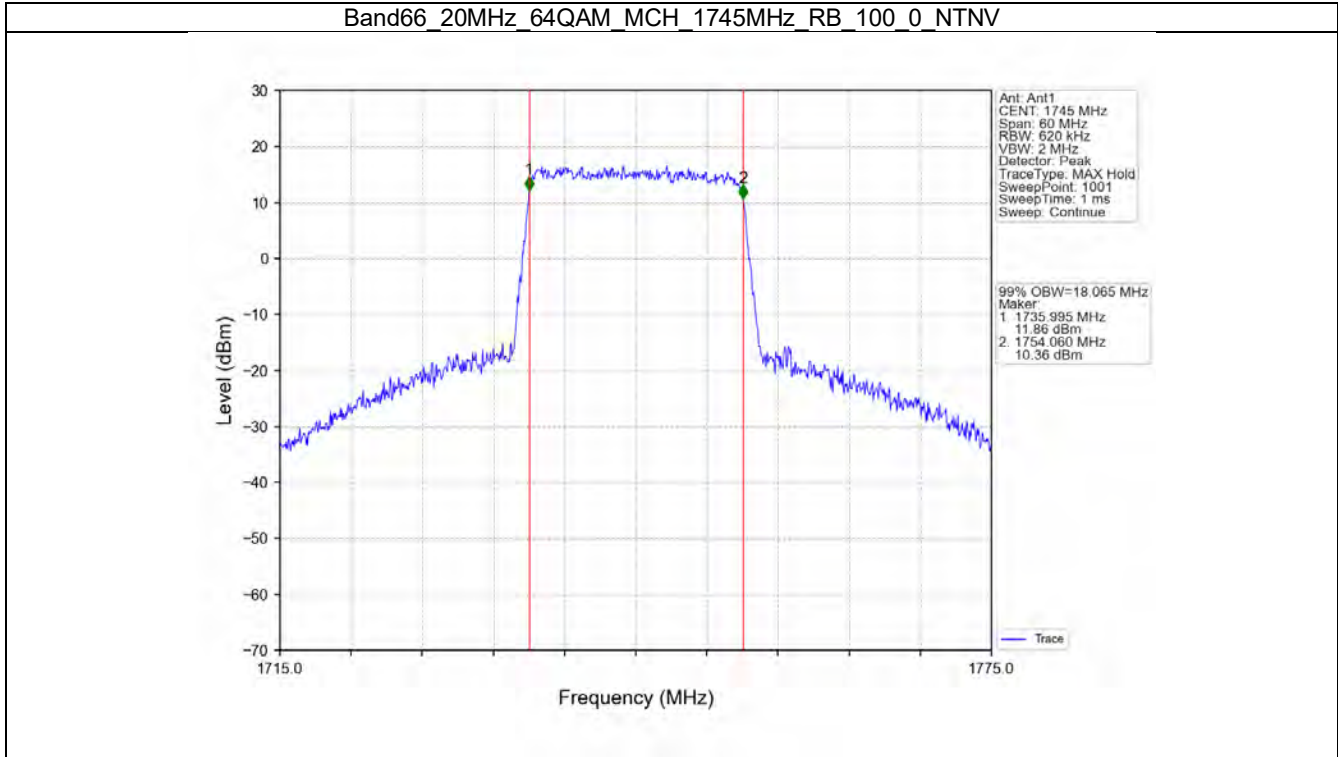


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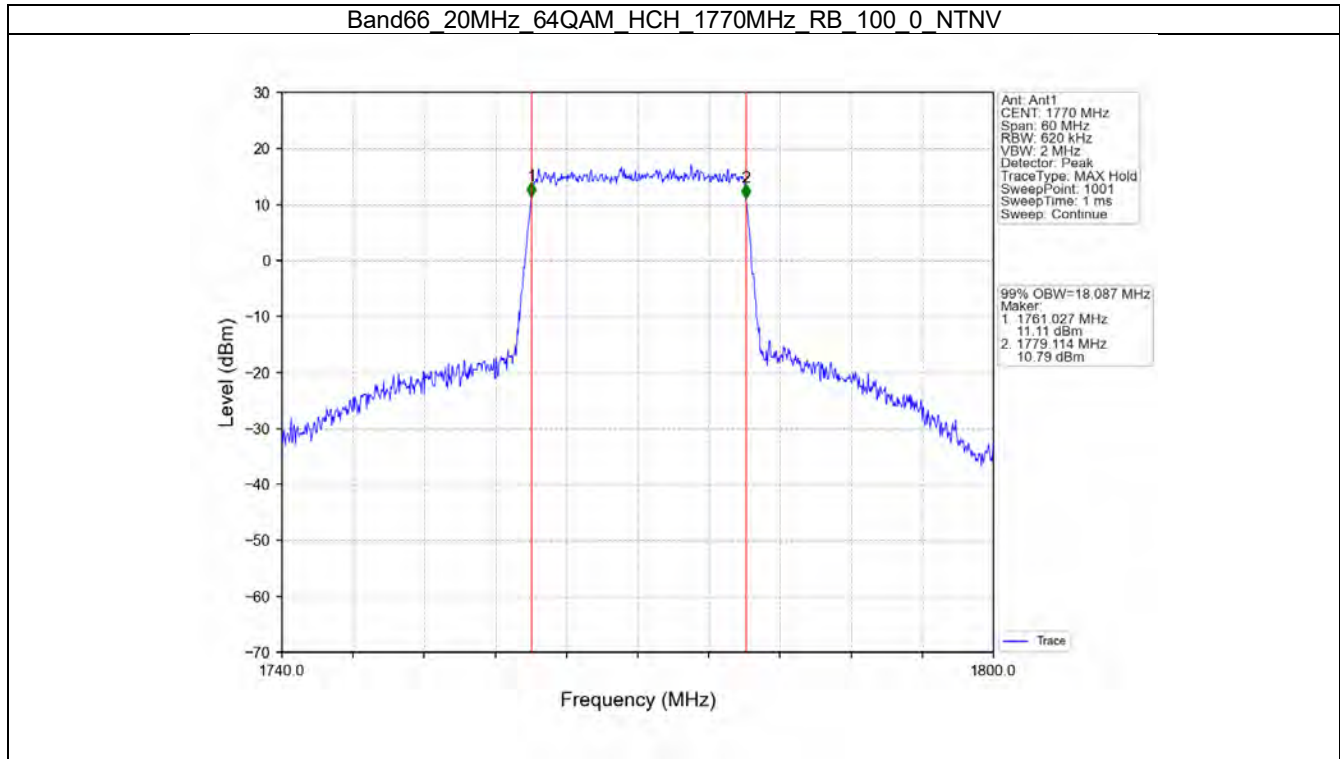


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## 3.2 Band66\_XDB

### 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	1.328	/	Pass
		1745	6	0	1.324	/	Pass
		1779.3	6	0	1.333	/	Pass
	16QAM	1710.7	6	0	1.299	/	Pass
		1745	6	0	1.307	/	Pass
		1779.3	6	0	1.324	/	Pass
	64QAM	1710.7	6	0	1.333	/	Pass
		1745	6	0	1.324	/	Pass
		1779.3	6	0	1.354	/	Pass
3	QPSK	1711.5	15	0	2.985	/	Pass
		1745	15	0	2.980	/	Pass
		1778.5	15	0	2.985	/	Pass
	16QAM	1711.5	15	0	2.992	/	Pass
		1745	15	0	2.989	/	Pass
		1778.5	15	0	2.981	/	Pass
	64QAM	1711.5	15	0	2.972	/	Pass
		1745	15	0	2.995	/	Pass
		1778.5	15	0	3.001	/	Pass
5	QPSK	1712.5	25	0	5.231	/	Pass
		1745	25	0	5.308	/	Pass
		1777.5	25	0	5.272	/	Pass
	16QAM	1712.5	25	0	5.229	/	Pass
		1745	25	0	5.196	/	Pass
		1777.5	25	0	5.272	/	Pass
	64QAM	1712.5	25	0	5.243	/	Pass
		1745	25	0	5.257	/	Pass
		1777.5	25	0	5.298	/	Pass
10	QPSK	1715	50	0	10.423	/	Pass
		1745	50	0	10.199	/	Pass
		1775	50	0	10.218	/	Pass
	16QAM	1715	50	0	10.225	/	Pass
		1745	50	0	10.264	/	Pass
		1775	50	0	10.278	/	Pass
	64QAM	1715	50	0	10.277	/	Pass
		1745	50	0	10.186	/	Pass
		1775	50	0	10.297	/	Pass
15	QPSK	1717.5	75	0	15.446	/	Pass
		1745	75	0	15.213	/	Pass



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		1772.5	75	0	15.261	/	Pass
	16QAM	1717.5	75	0	15.283	/	Pass
		1745	75	0	15.654	/	Pass
		1772.5	75	0	15.335	/	Pass
	64QAM	1717.5	75	0	15.380	/	Pass
		1745	75	0	15.400	/	Pass
		1772.5	75	0	15.316	/	Pass
20	QPSK	1720	100	0	20.079	/	Pass
		1745	100	0	20.030	/	Pass
		1770	100	0	19.980	/	Pass
	16QAM	1720	100	0	20.061	/	Pass
		1745	100	0	20.059	/	Pass
		1770	100	0	20.087	/	Pass
	64QAM	1720	100	0	19.994	/	Pass
		1745	100	0	20.107	/	Pass
		1770	100	0	19.911	/	Pass



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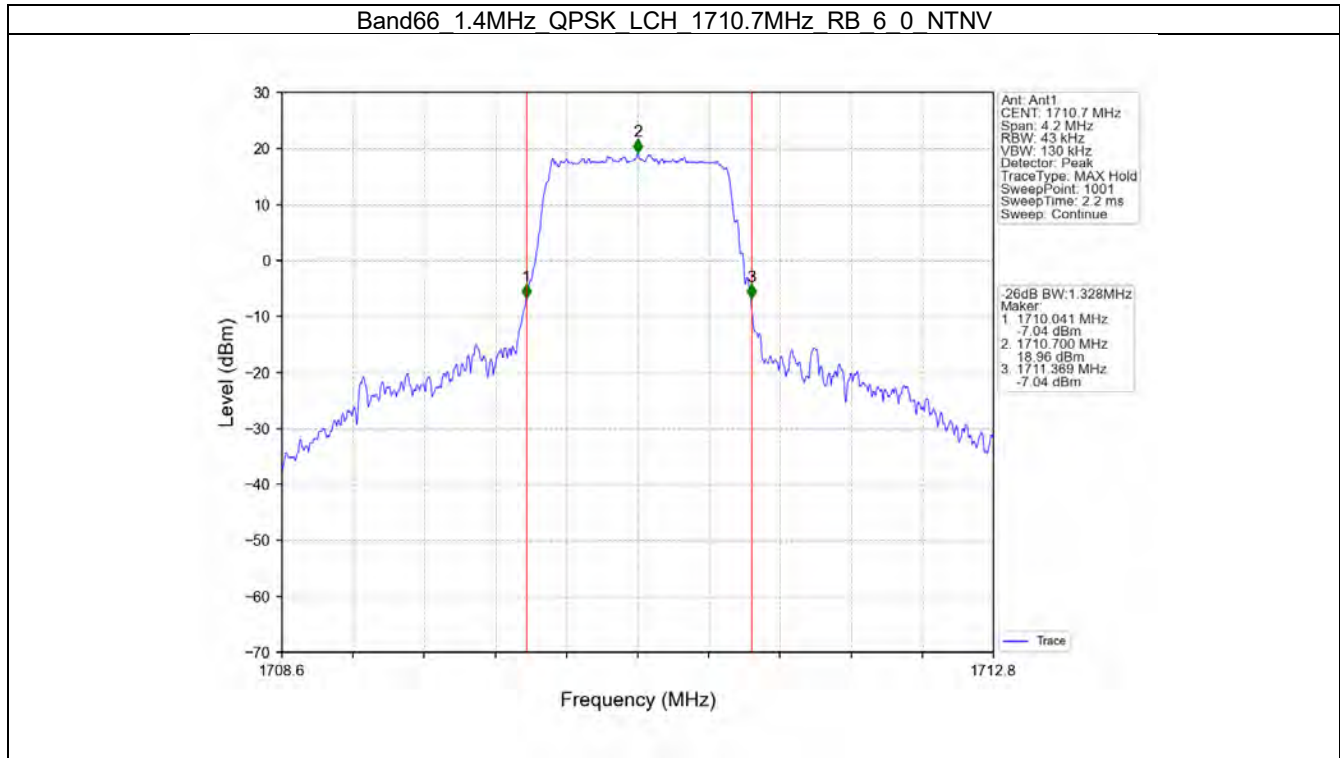
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## 3.2.2 Test Graph



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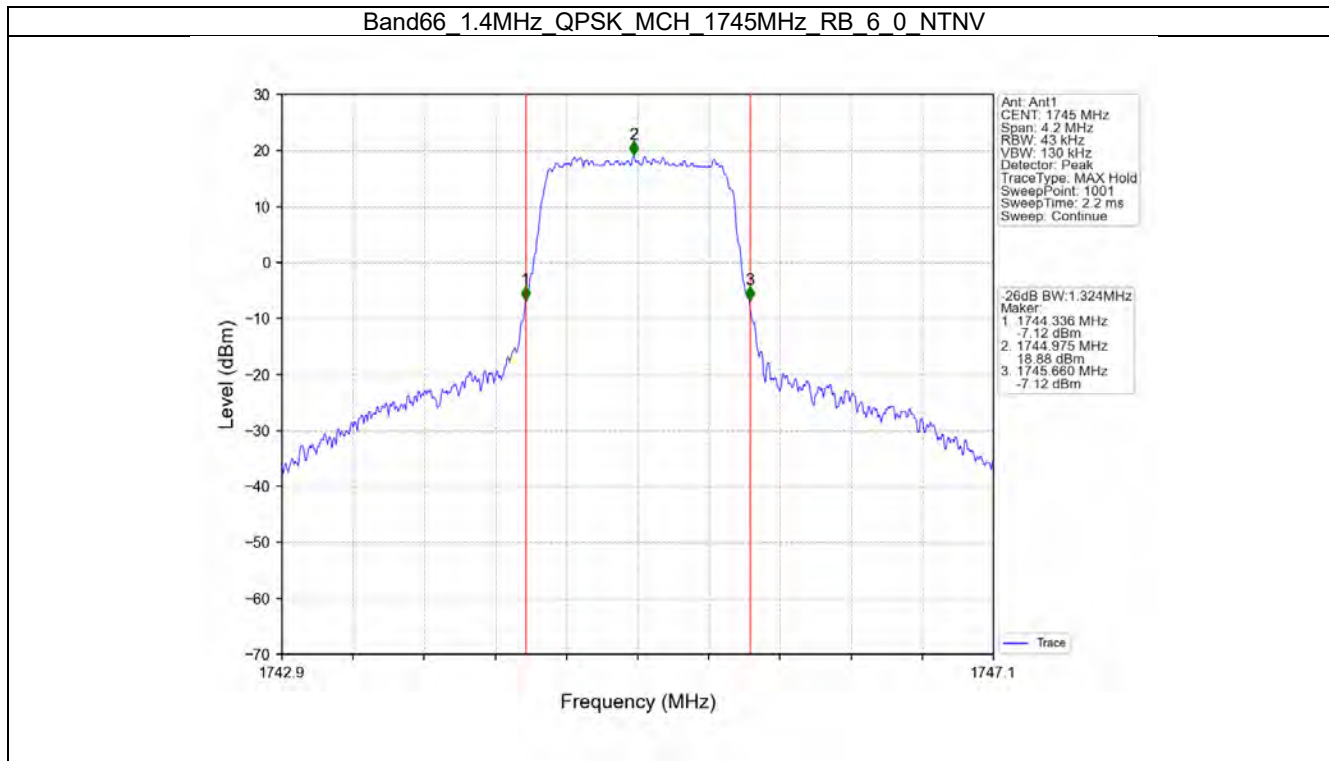
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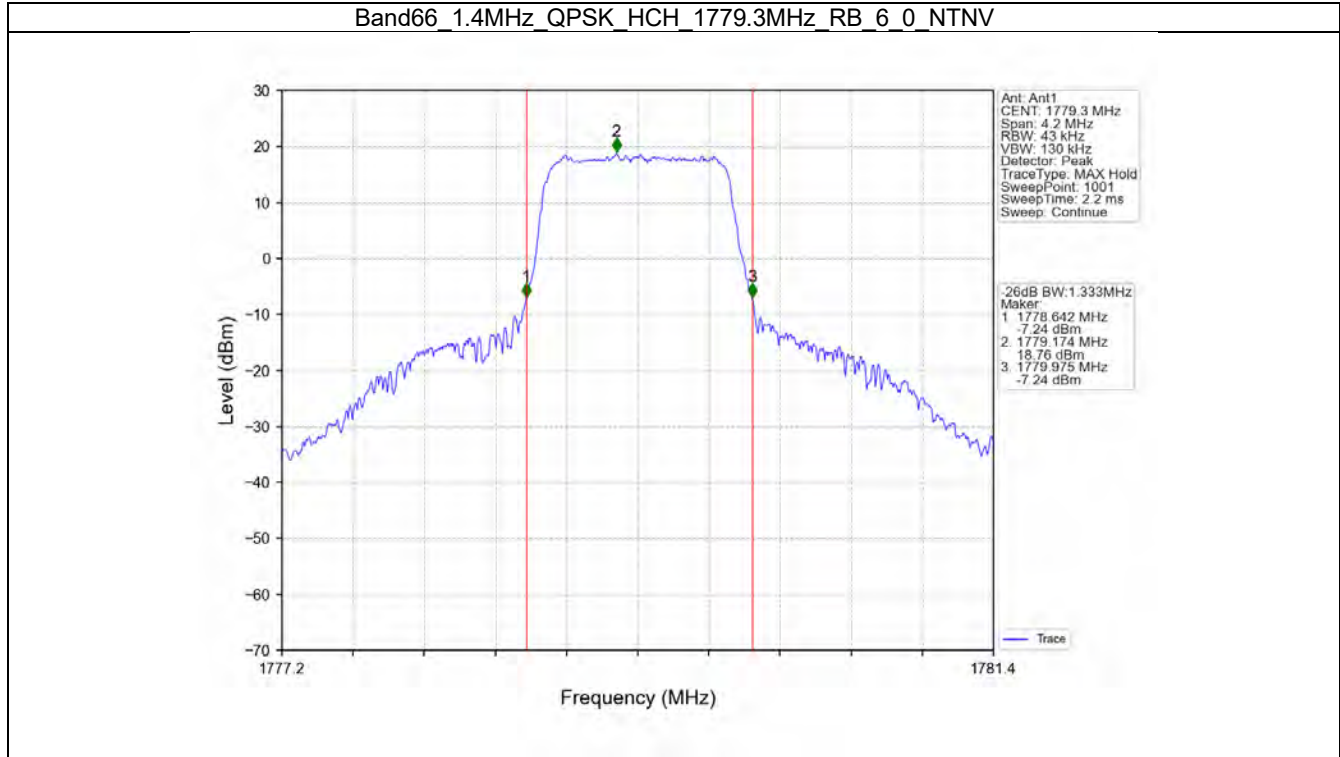


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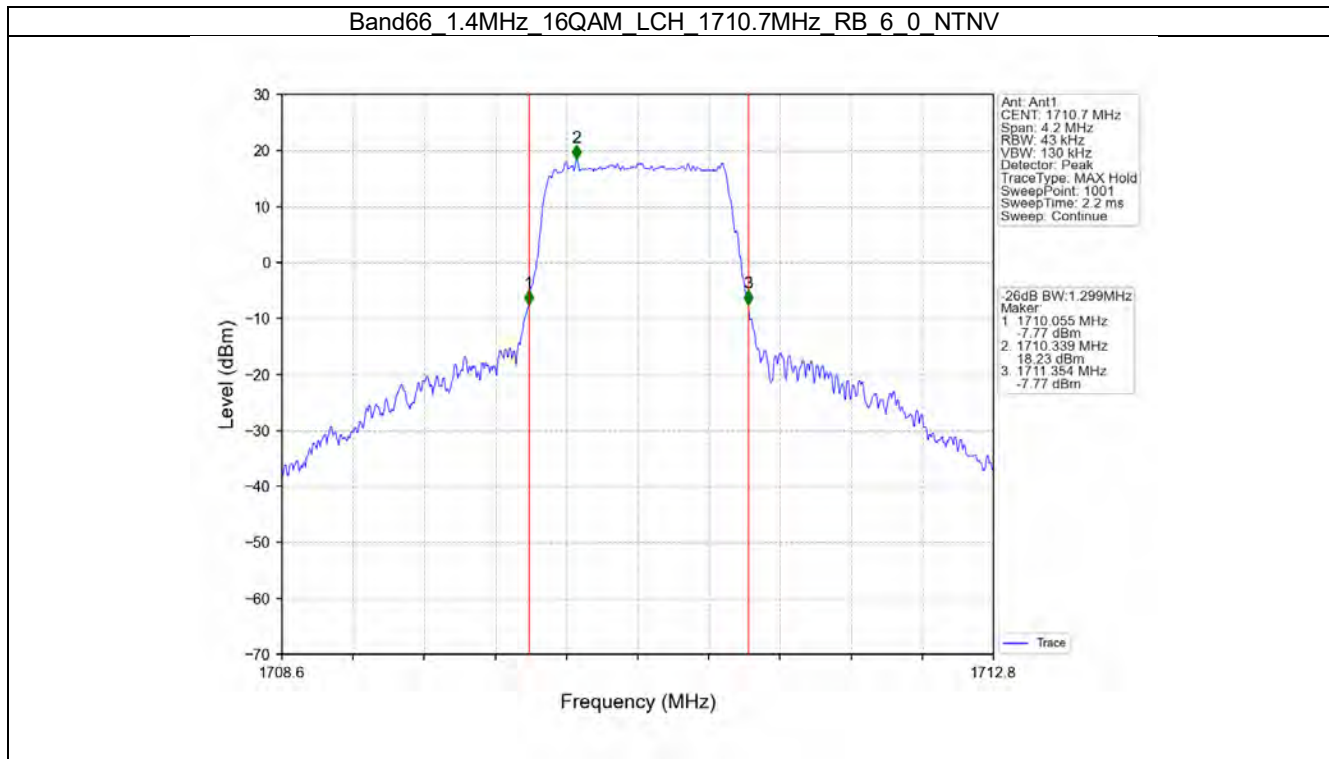
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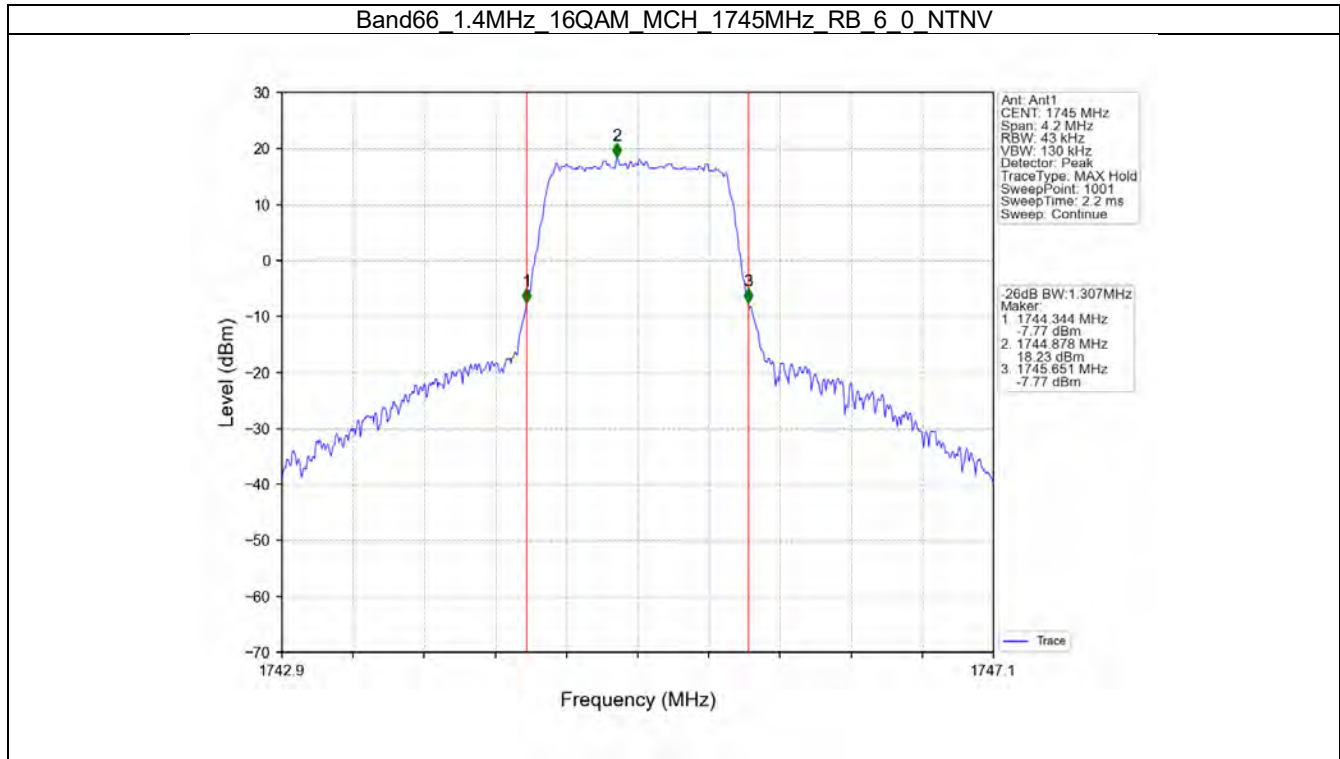


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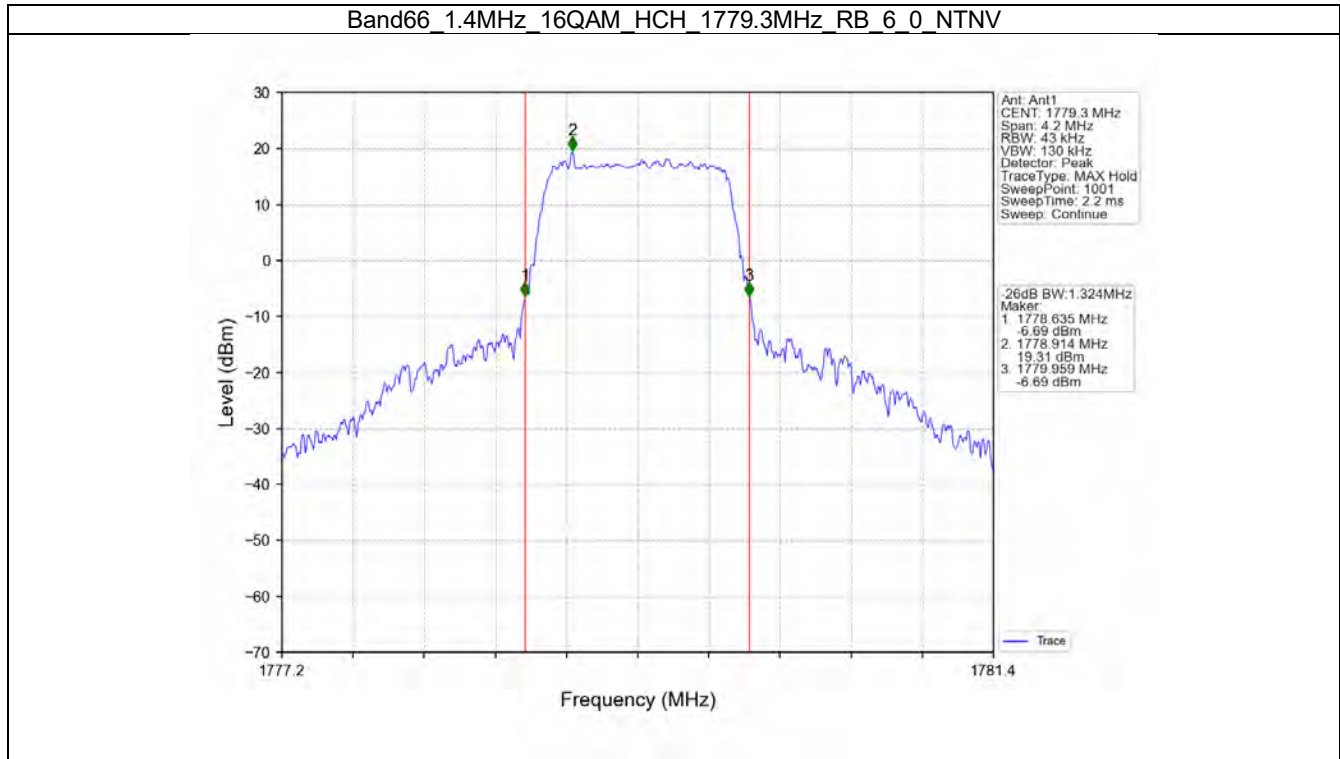


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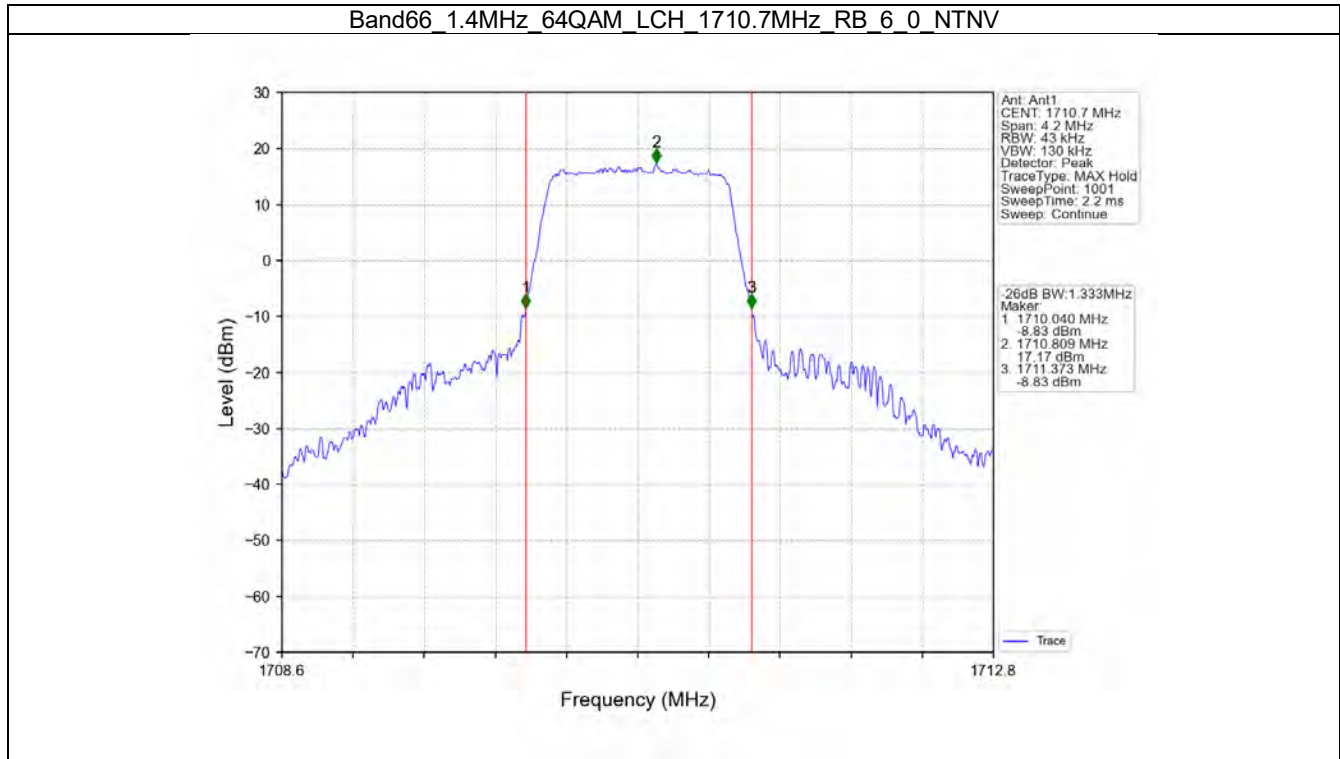


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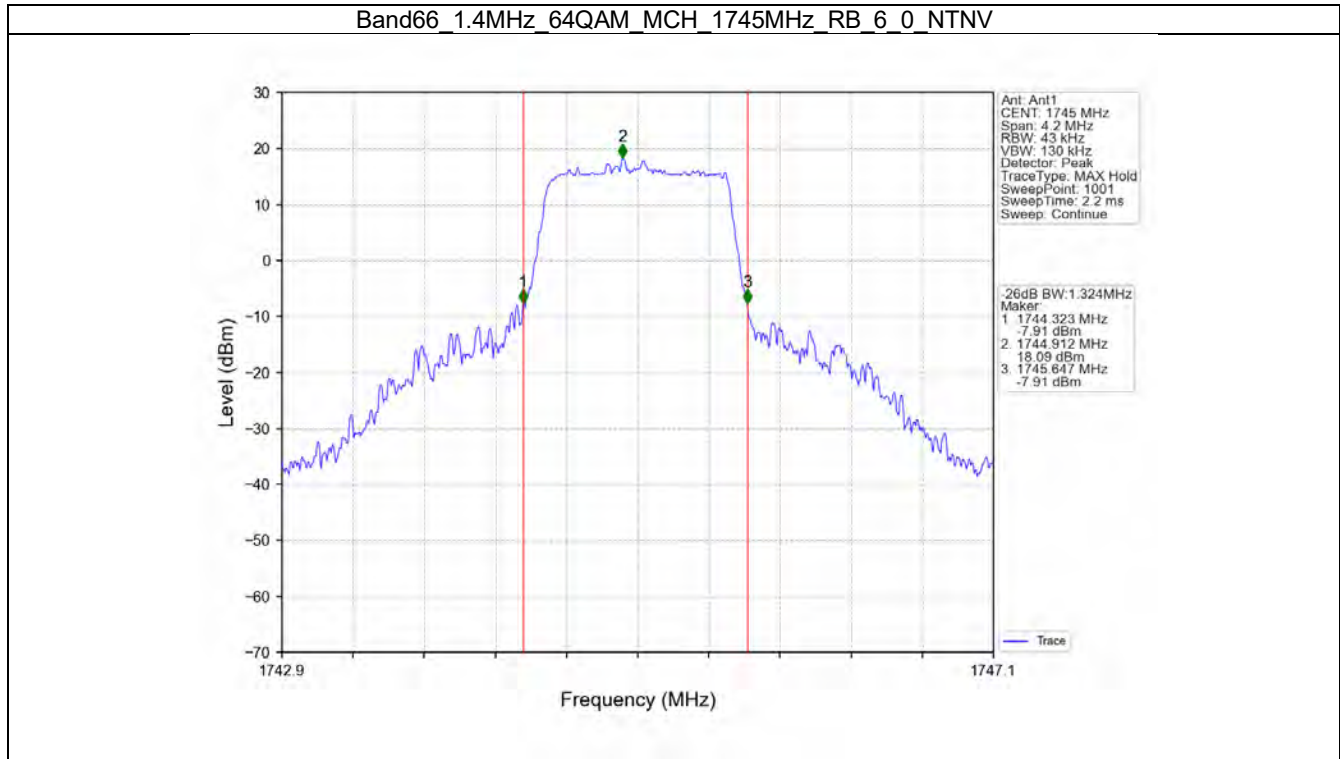


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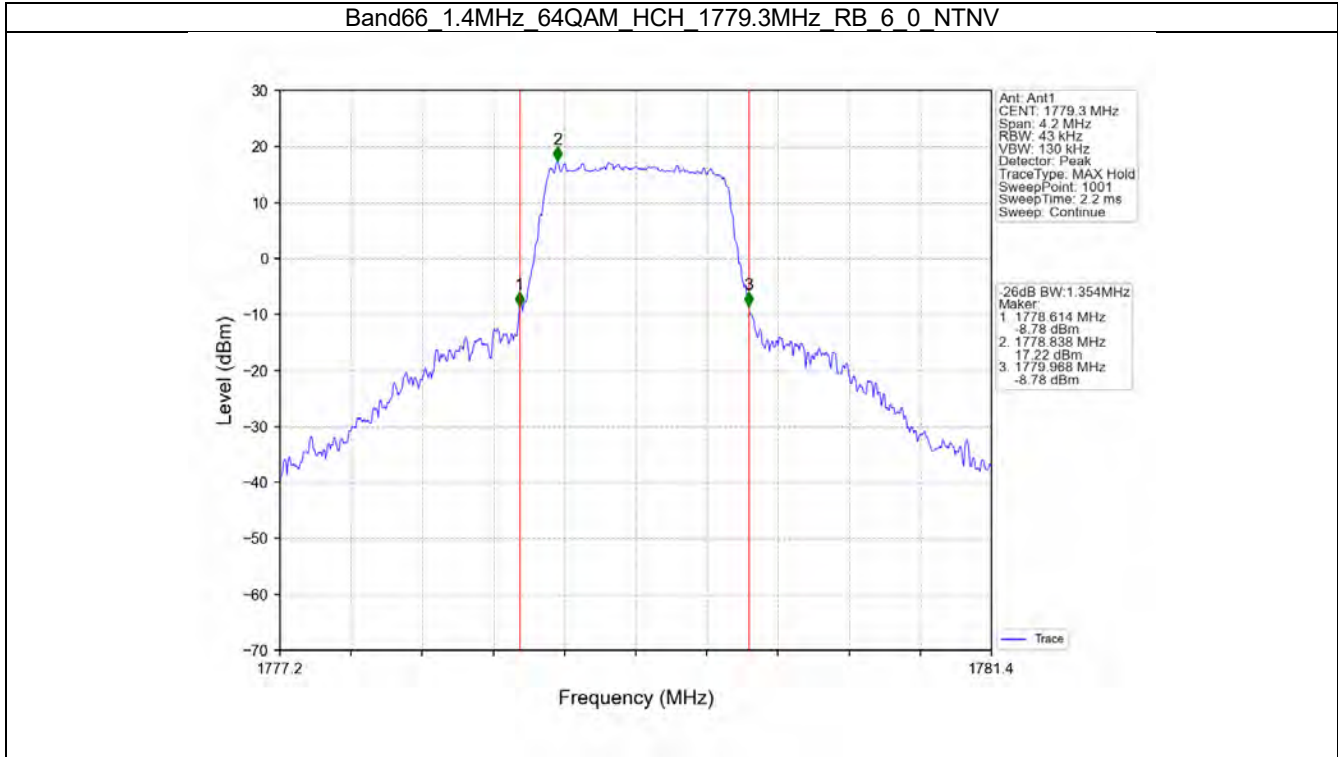


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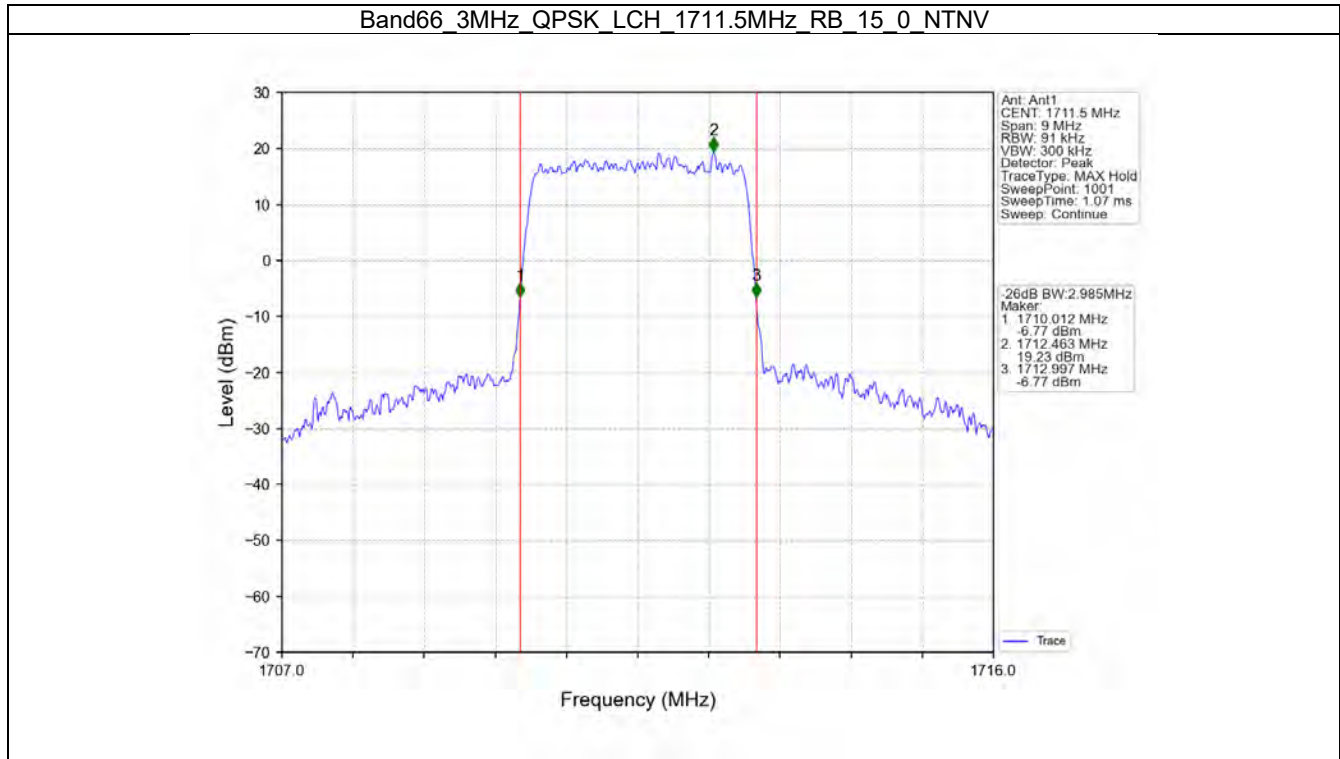


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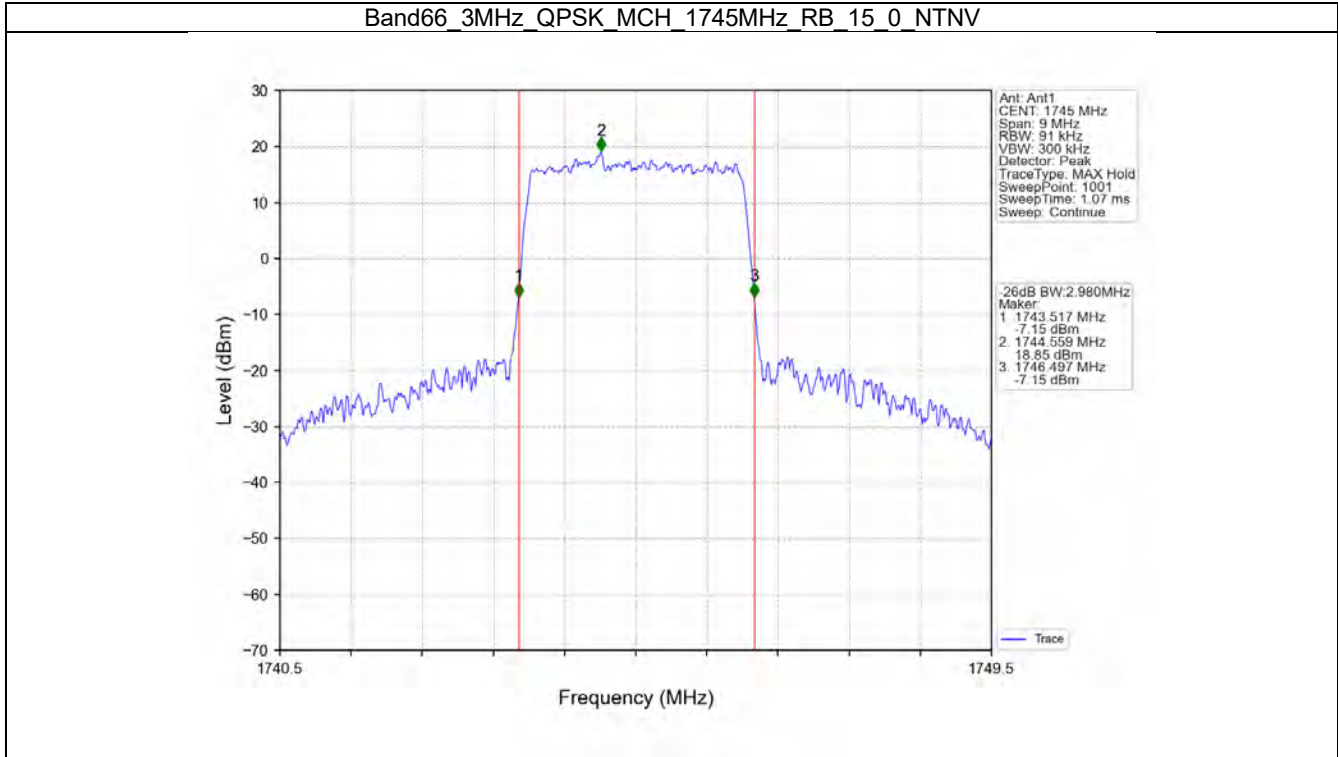


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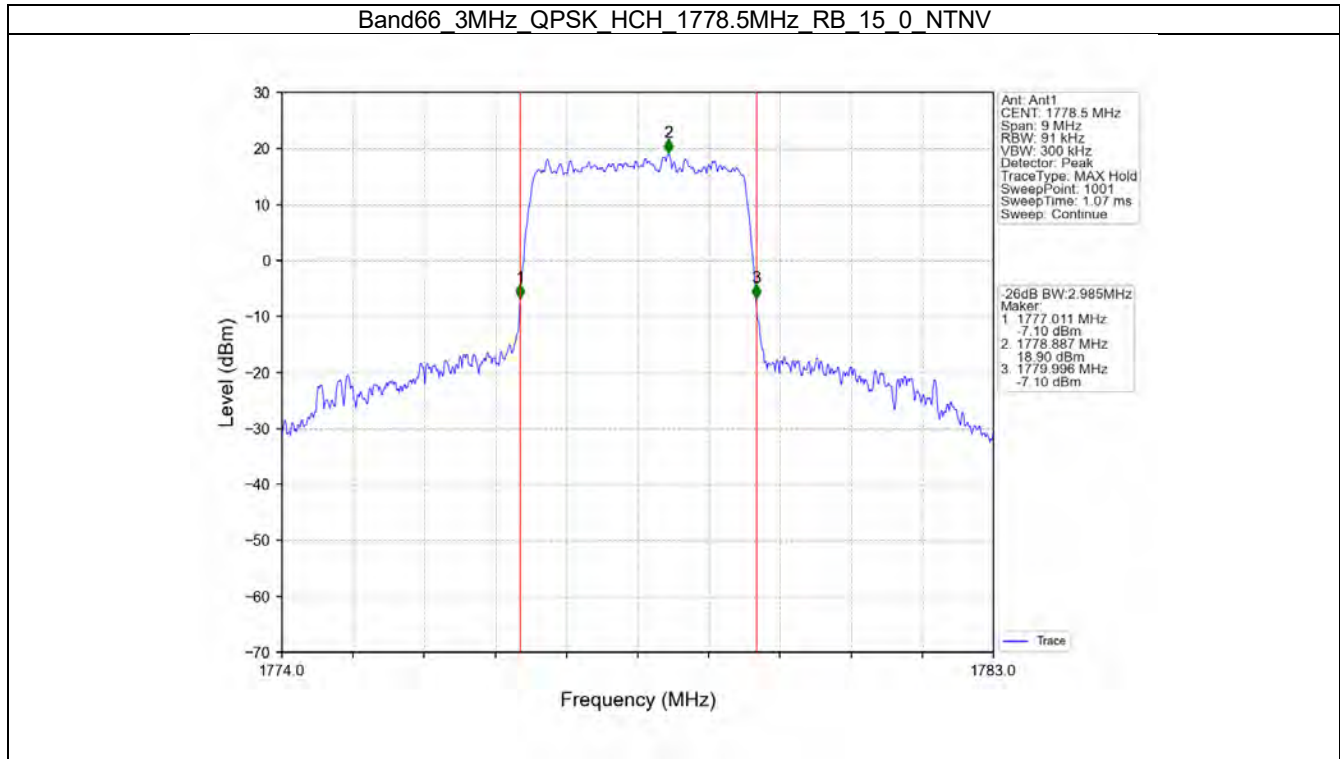


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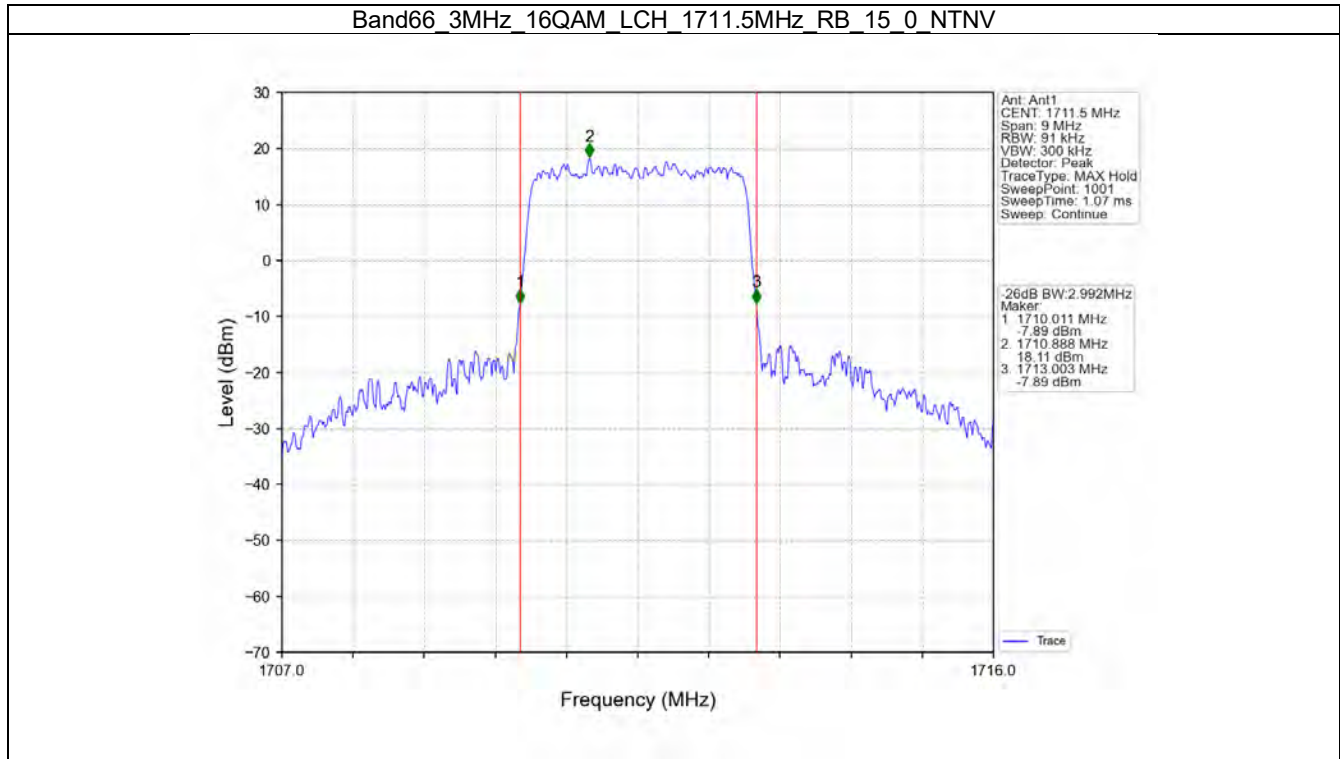


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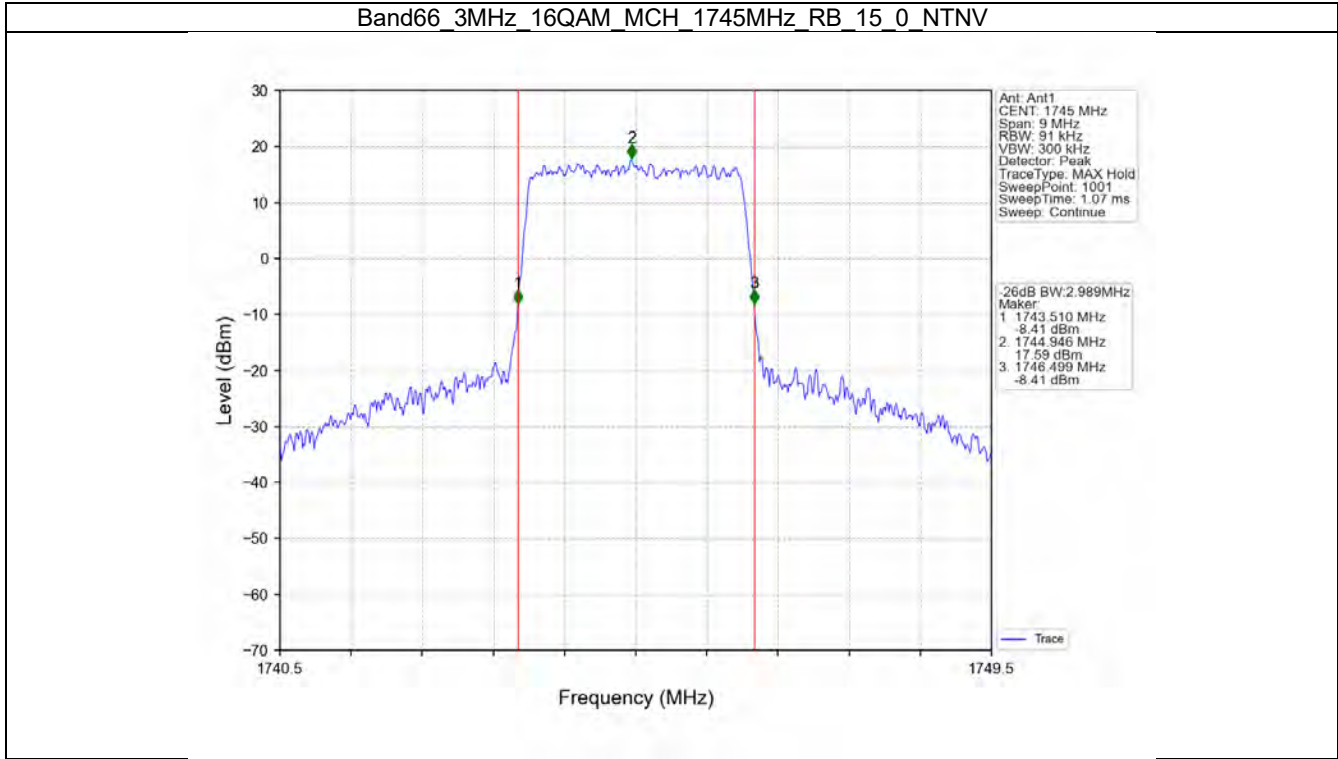


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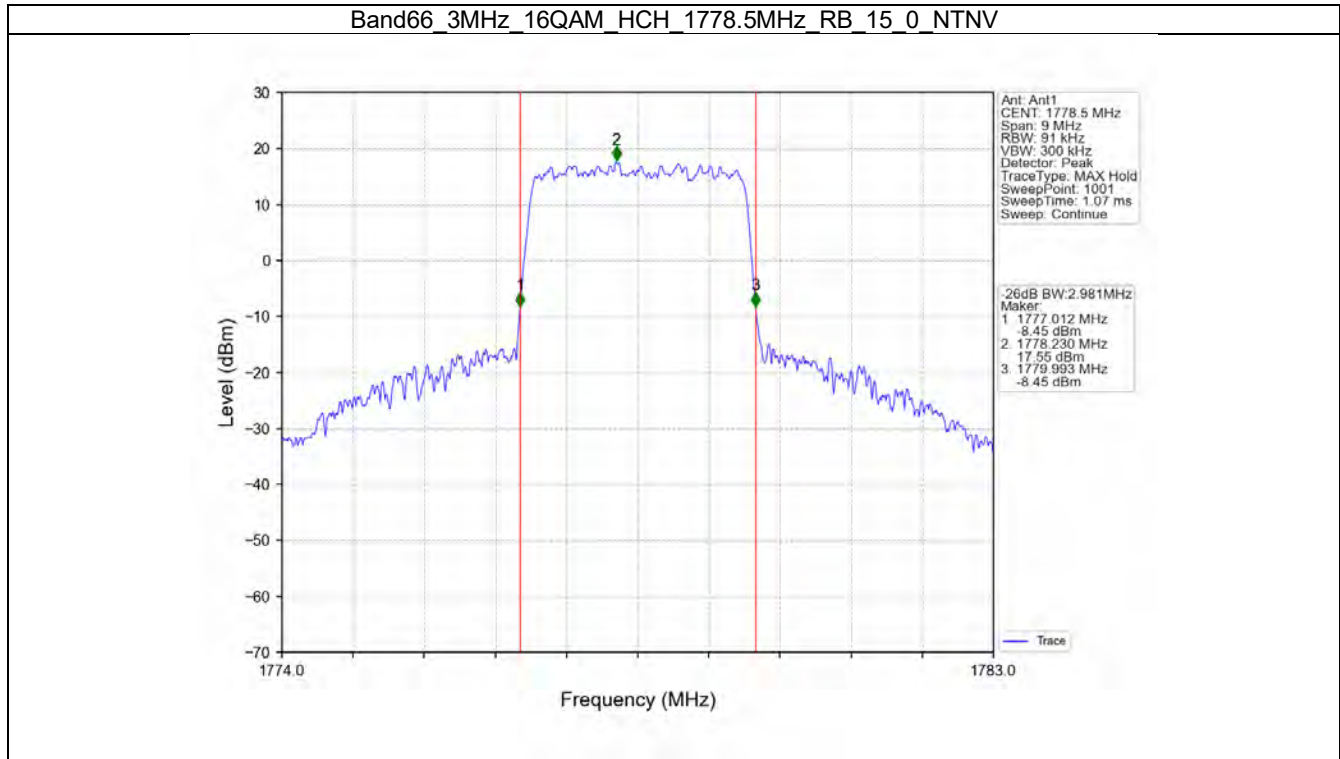


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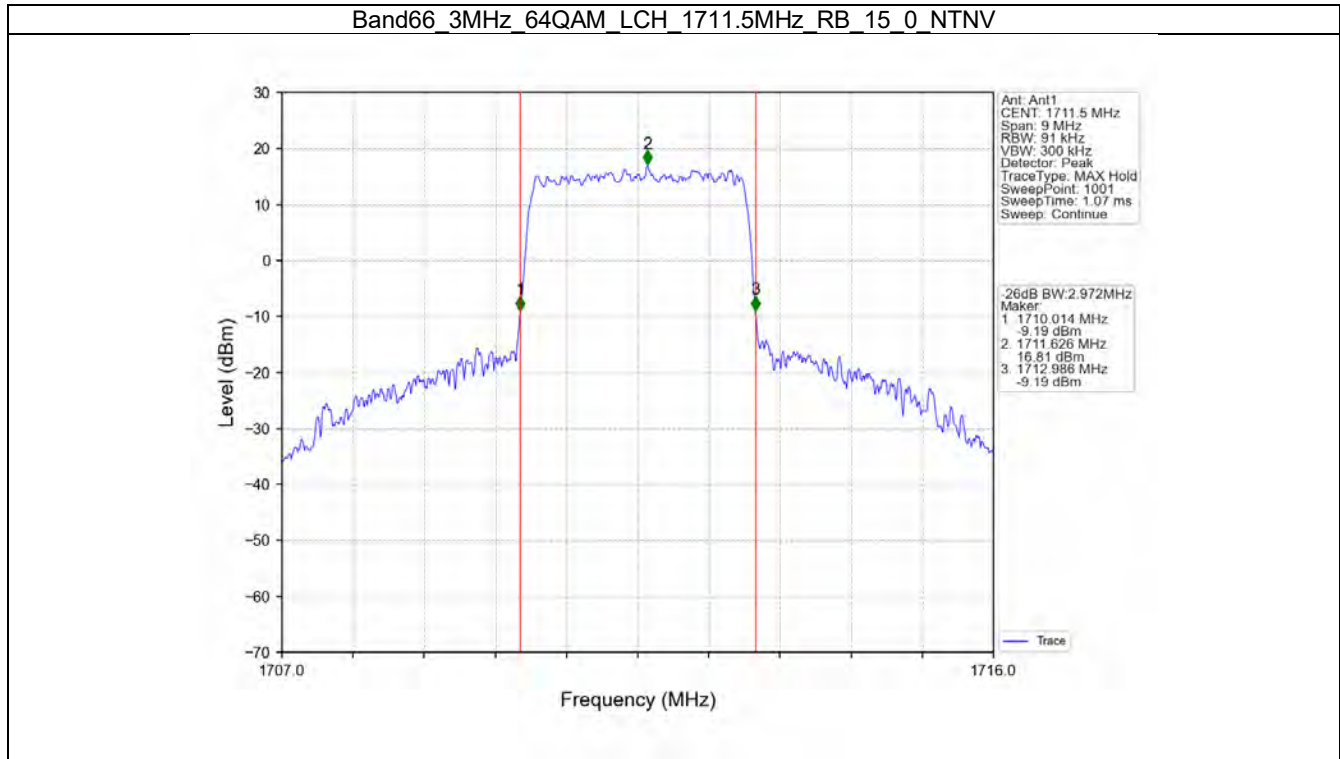


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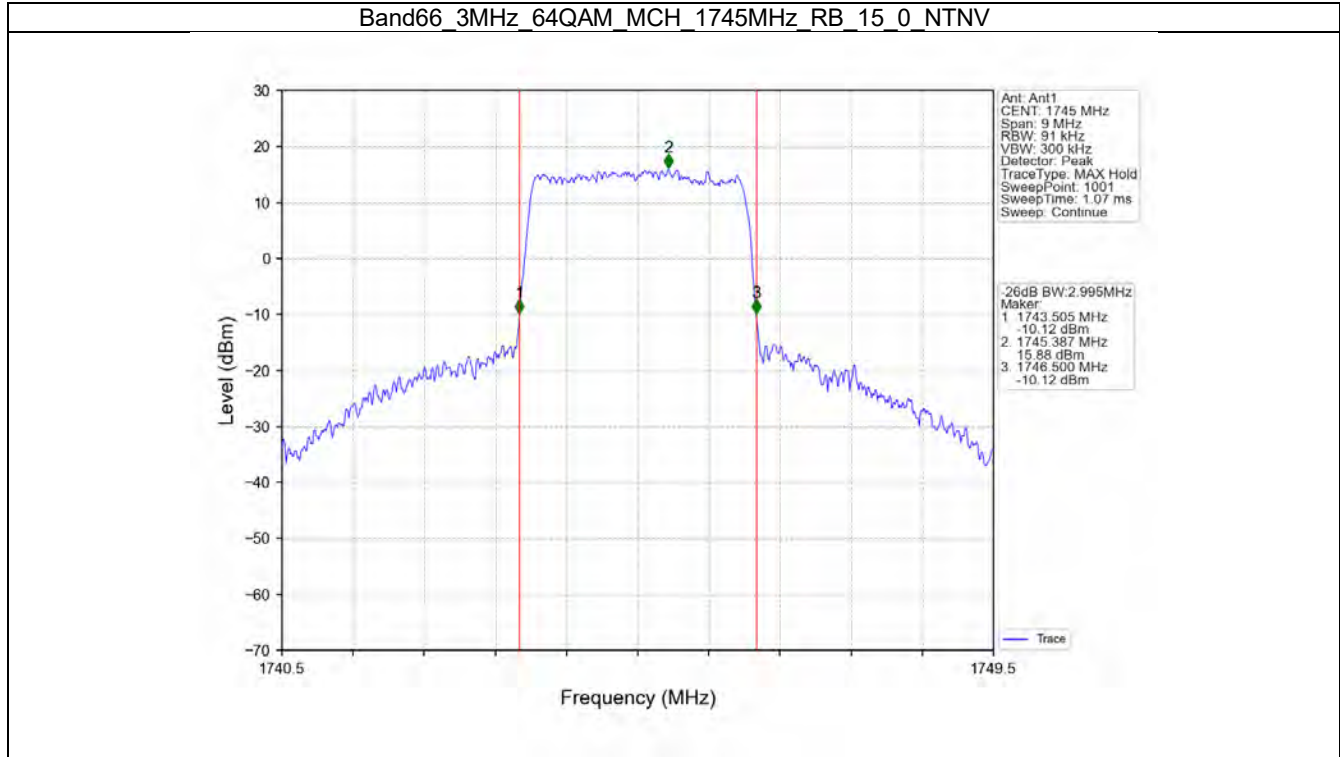


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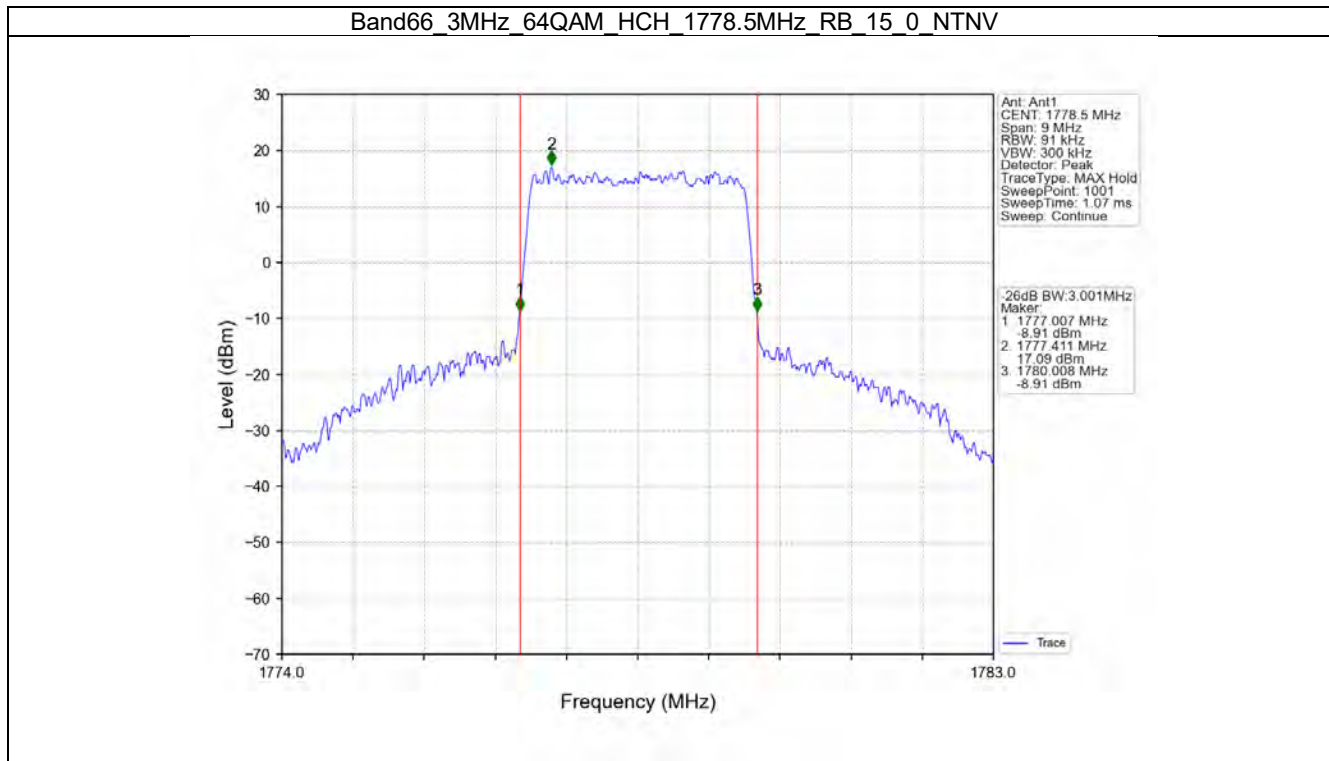
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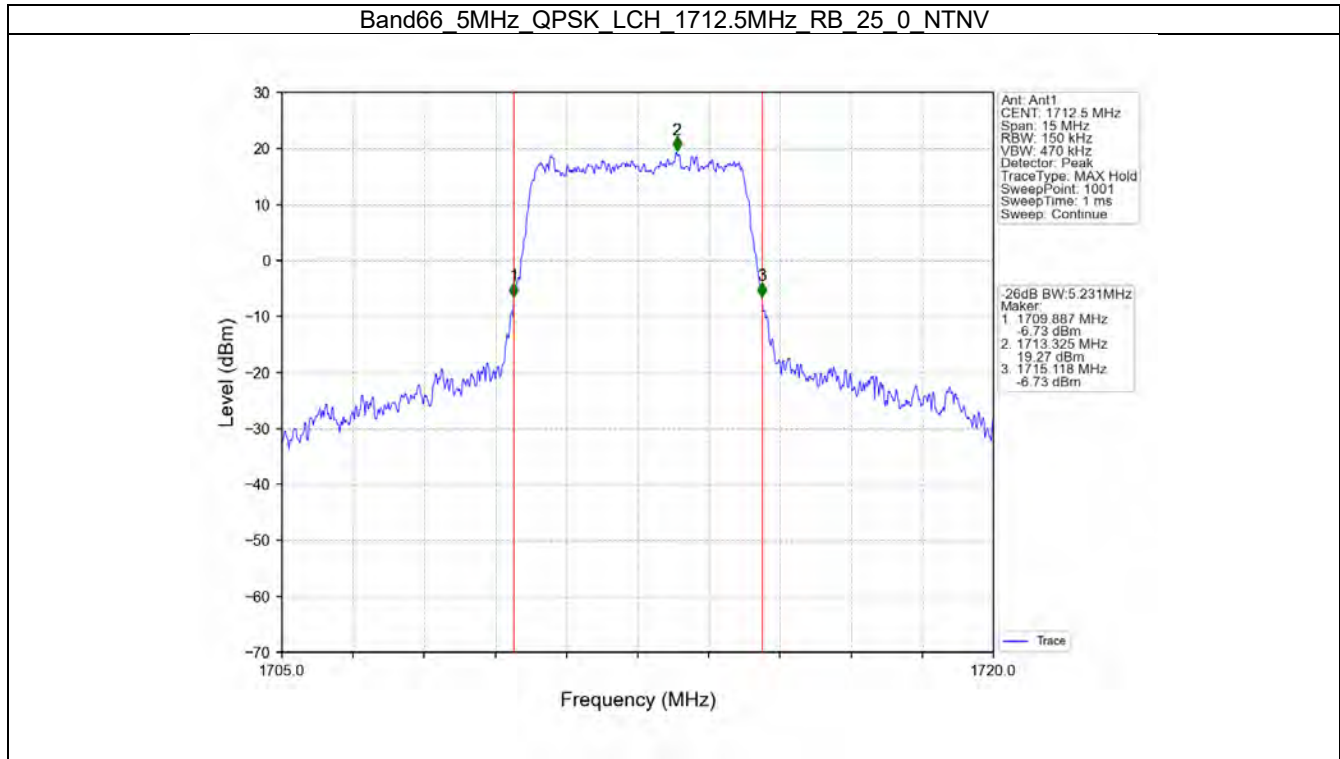


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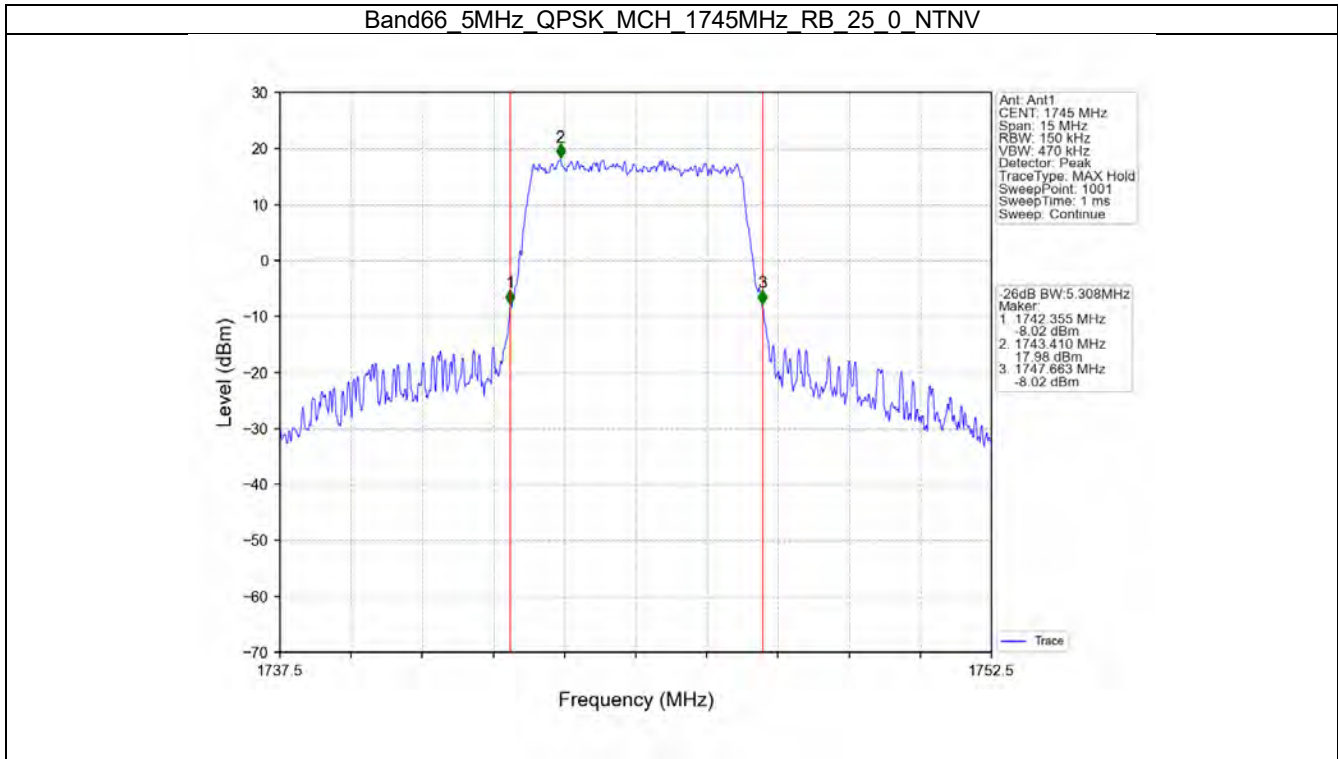


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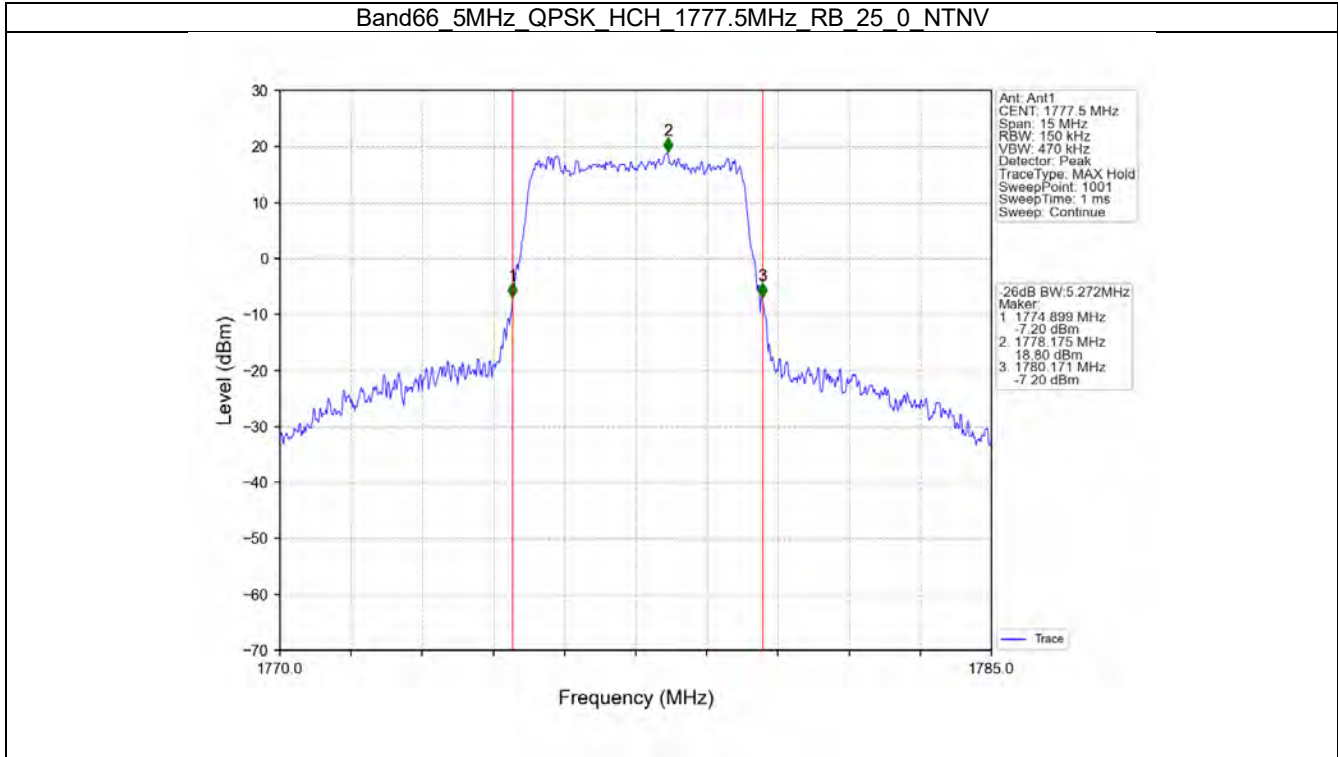


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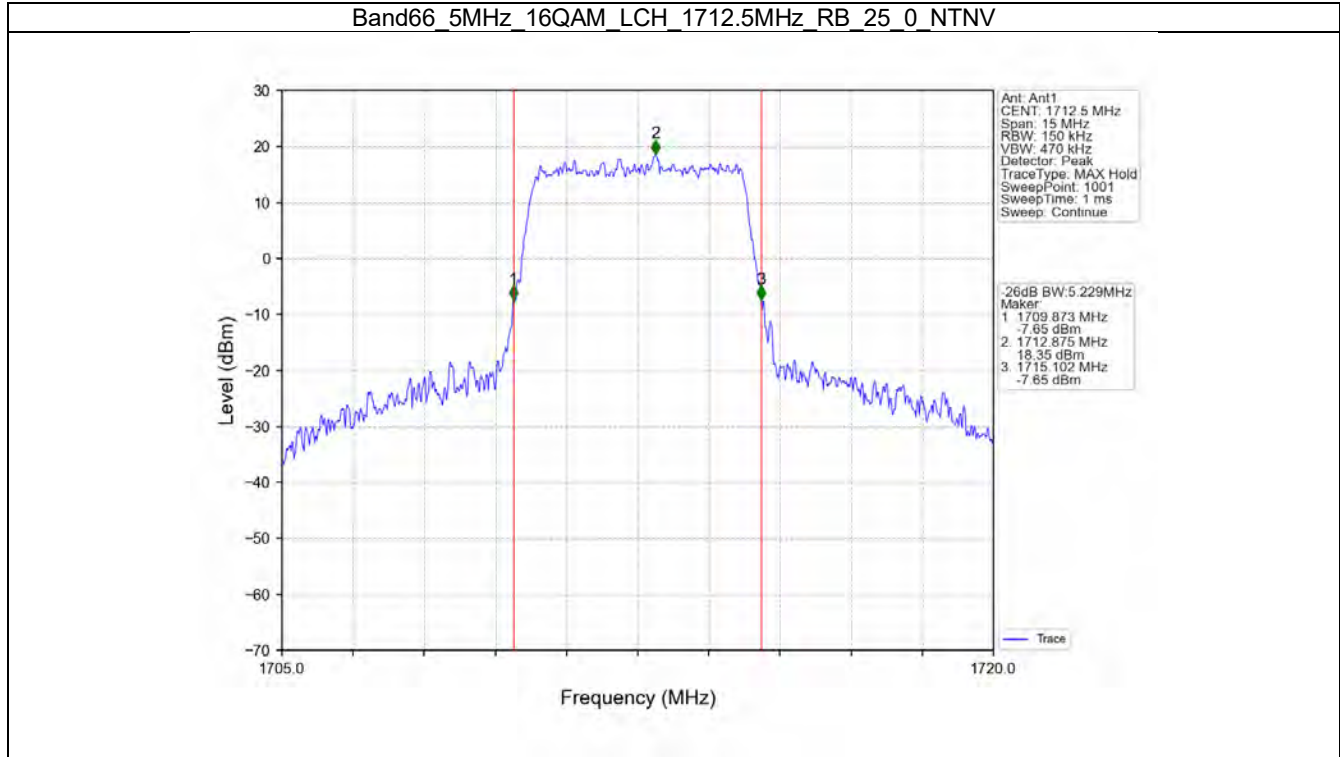


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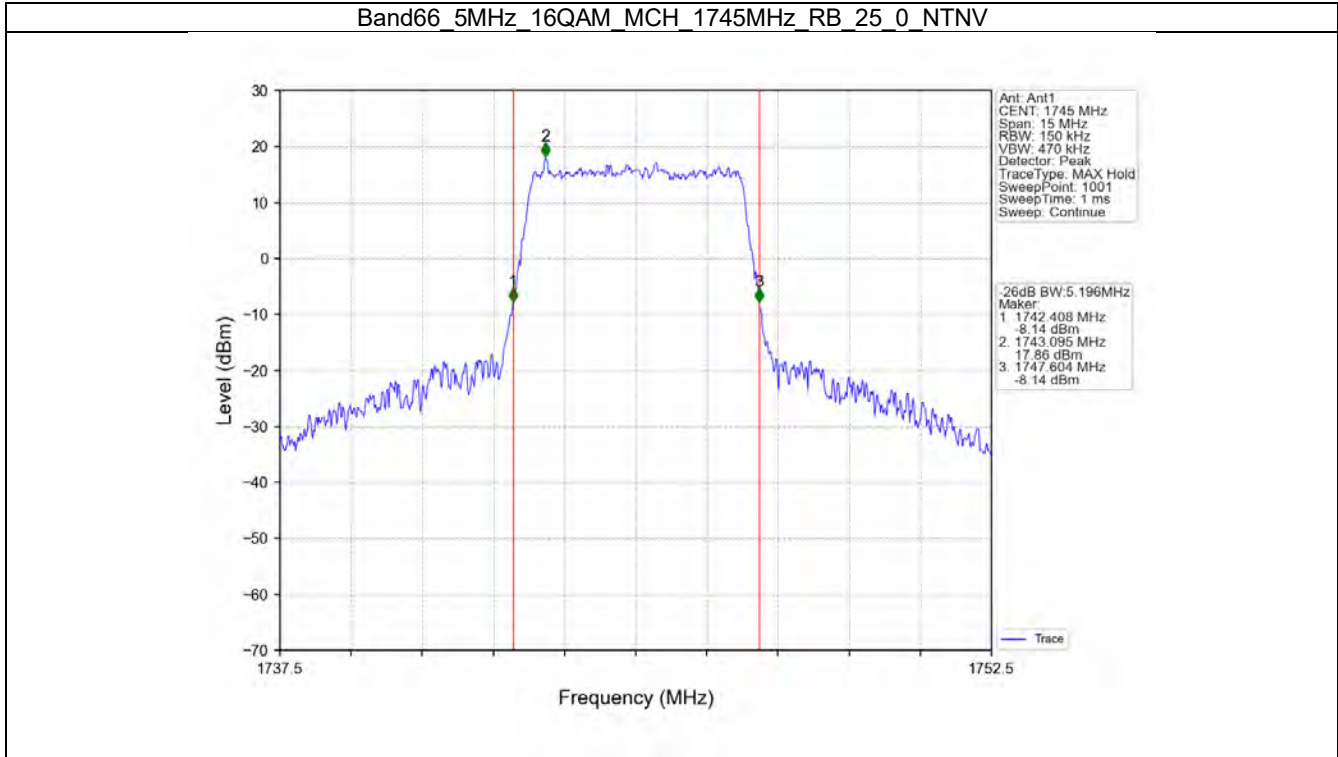


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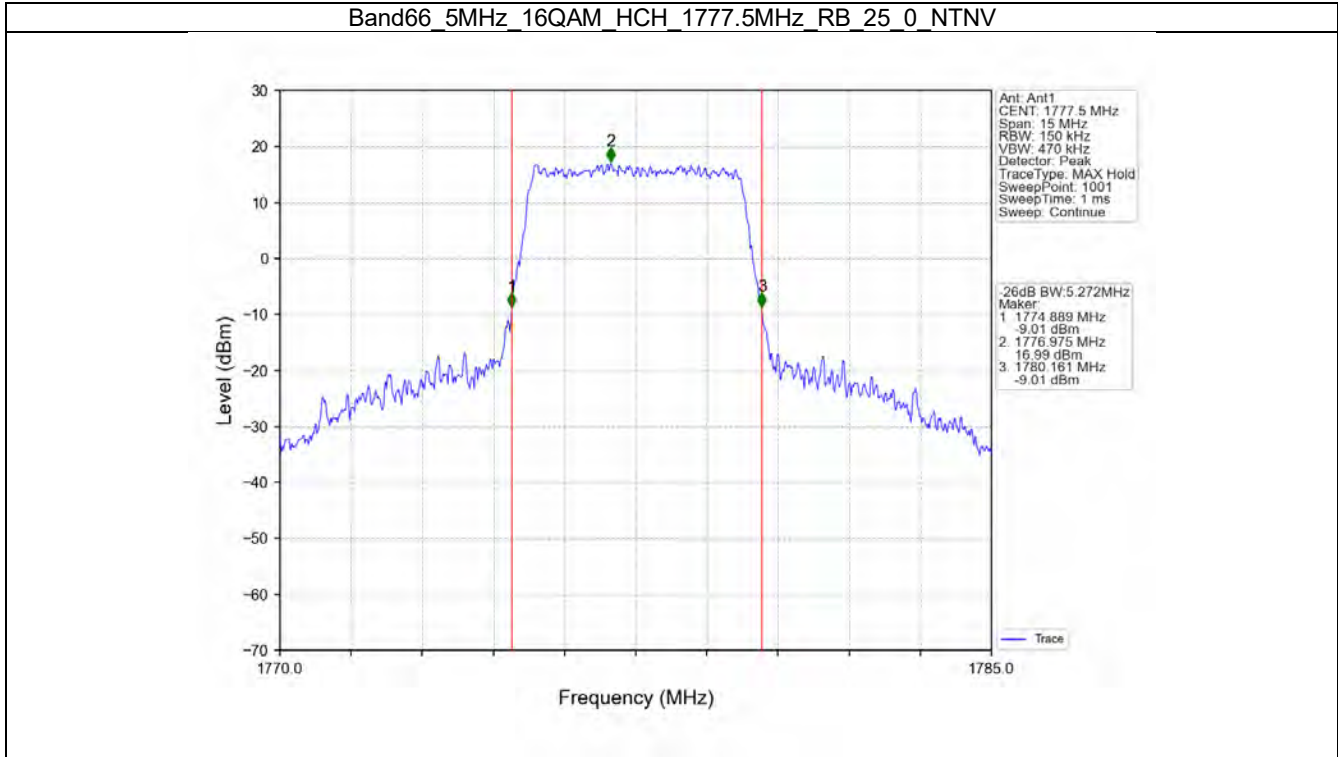


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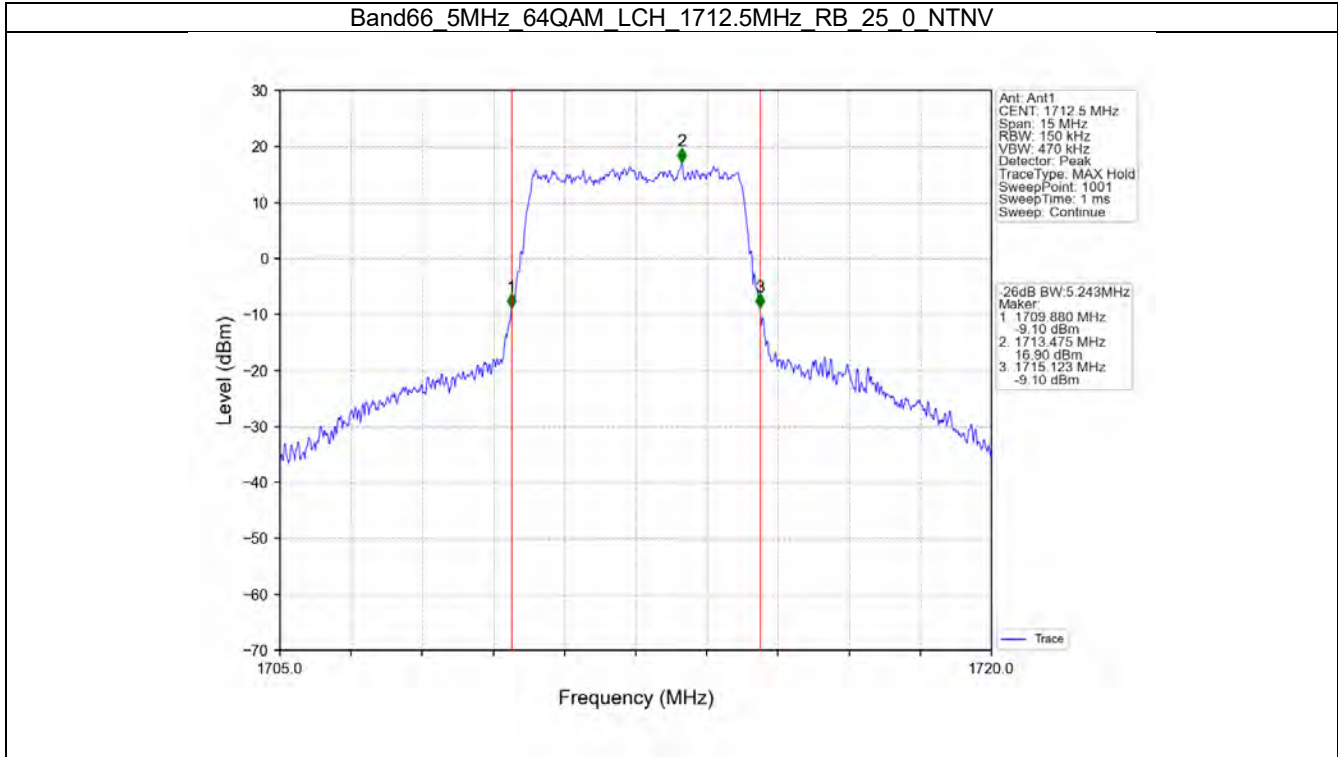


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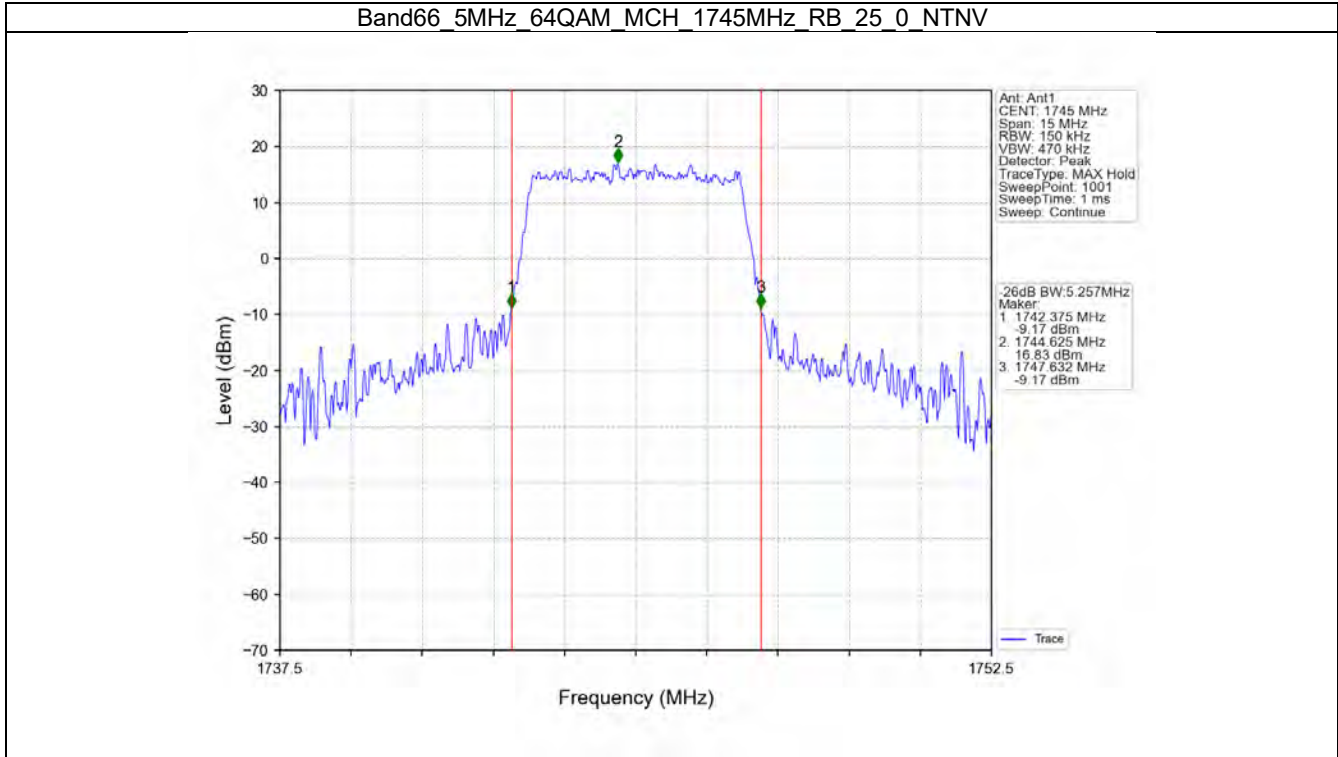


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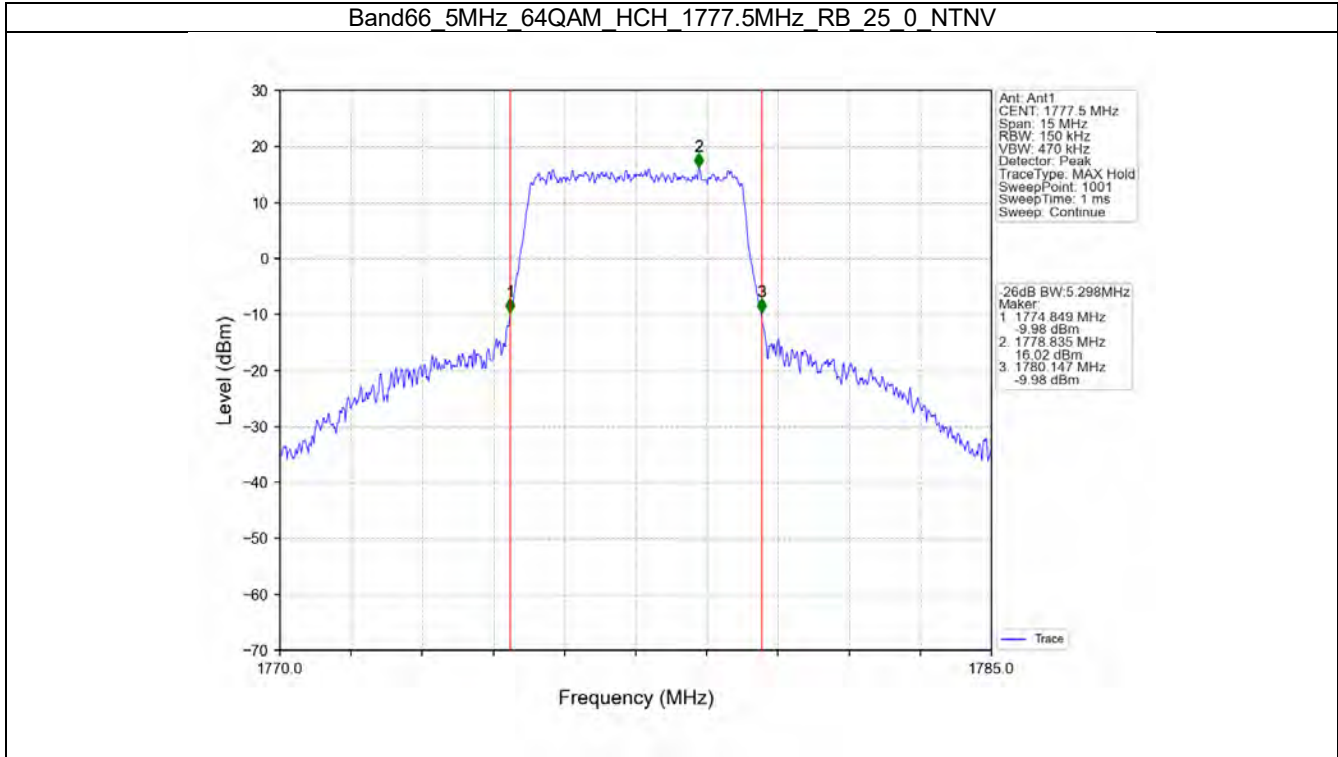


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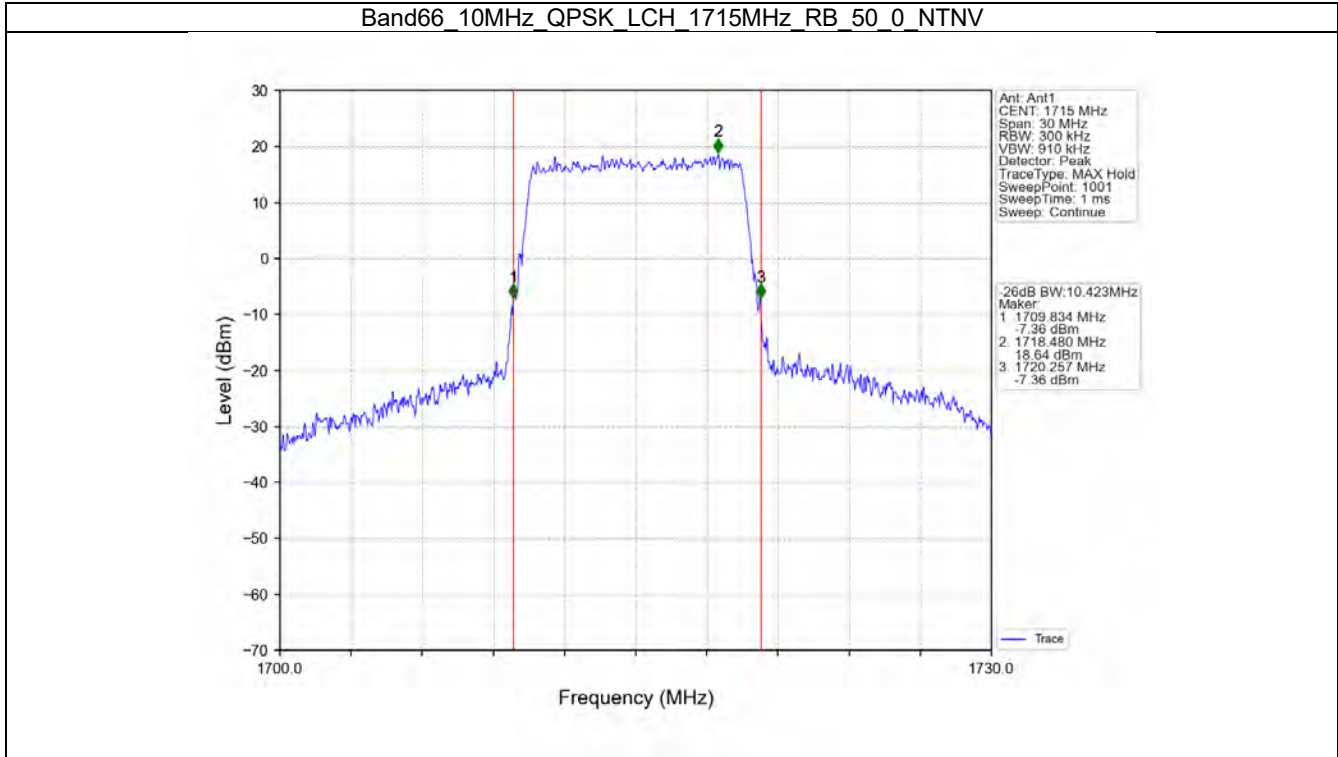


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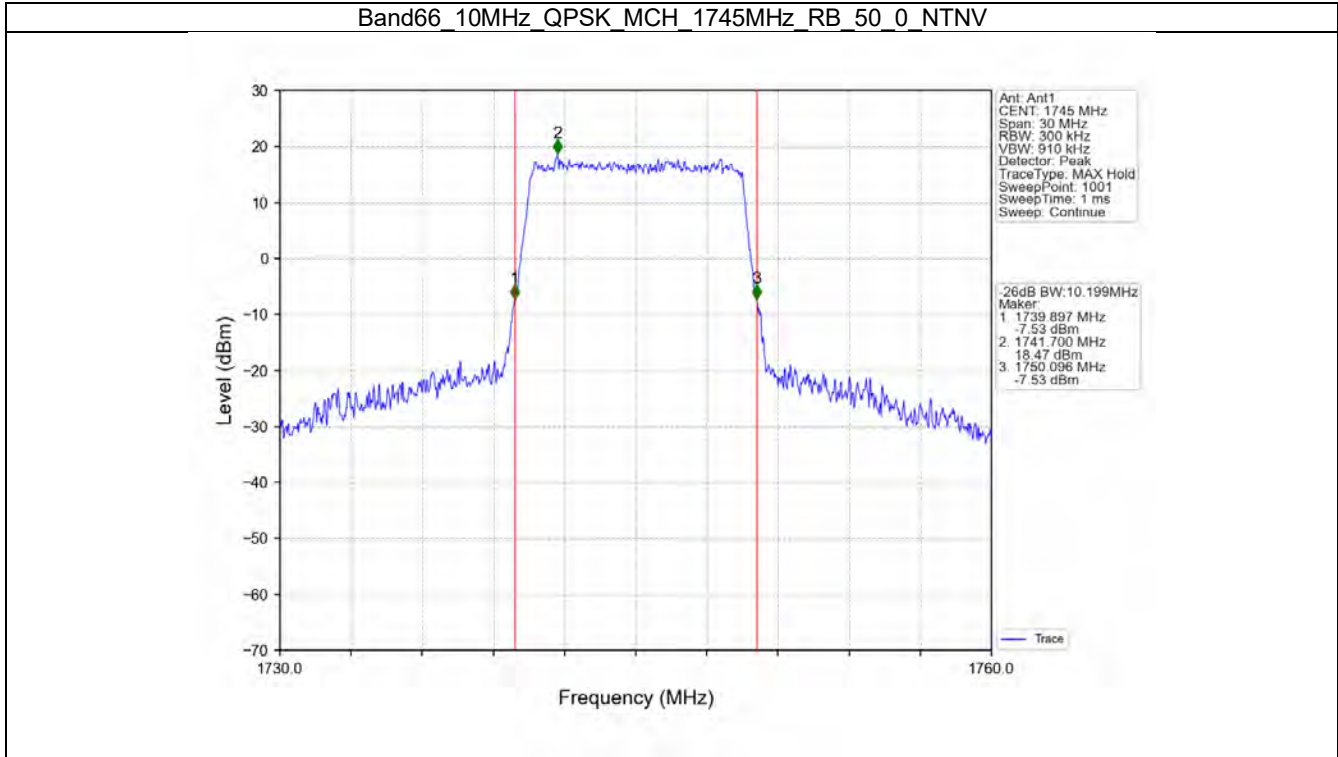


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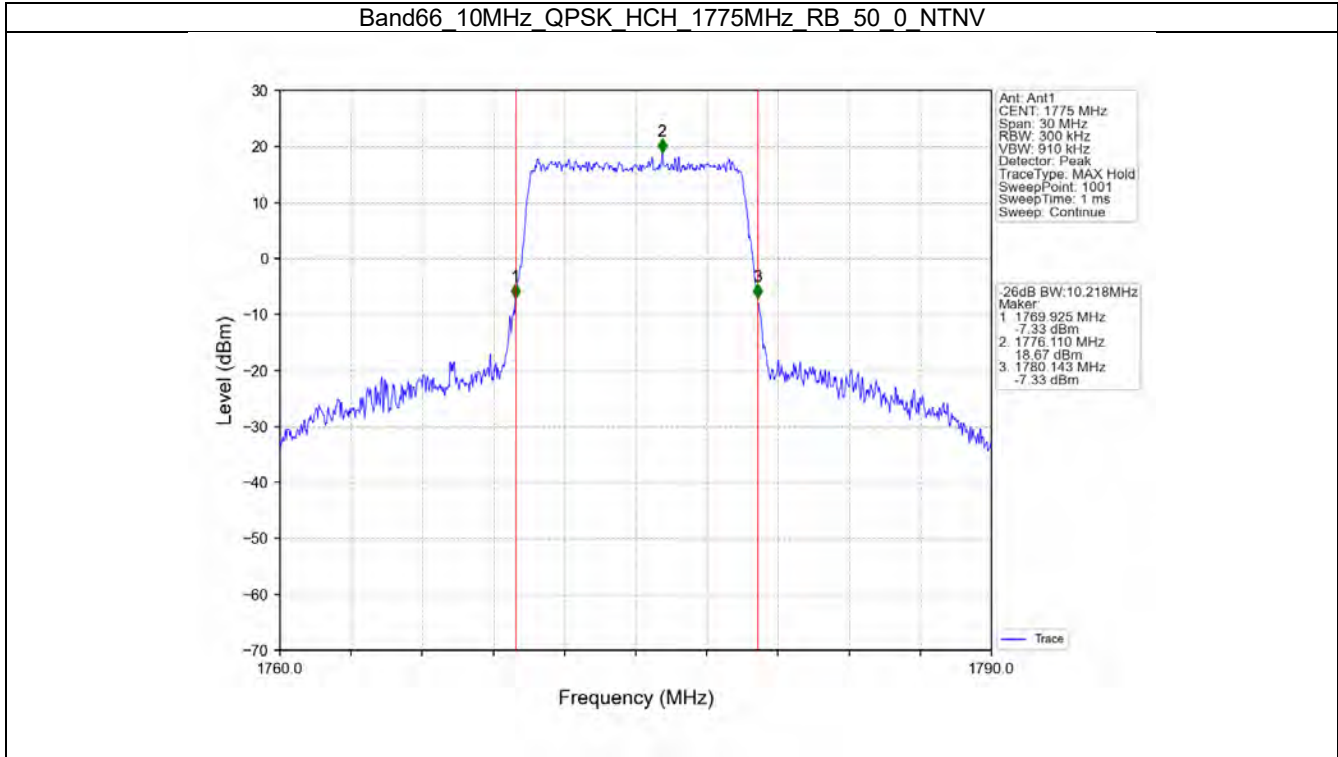


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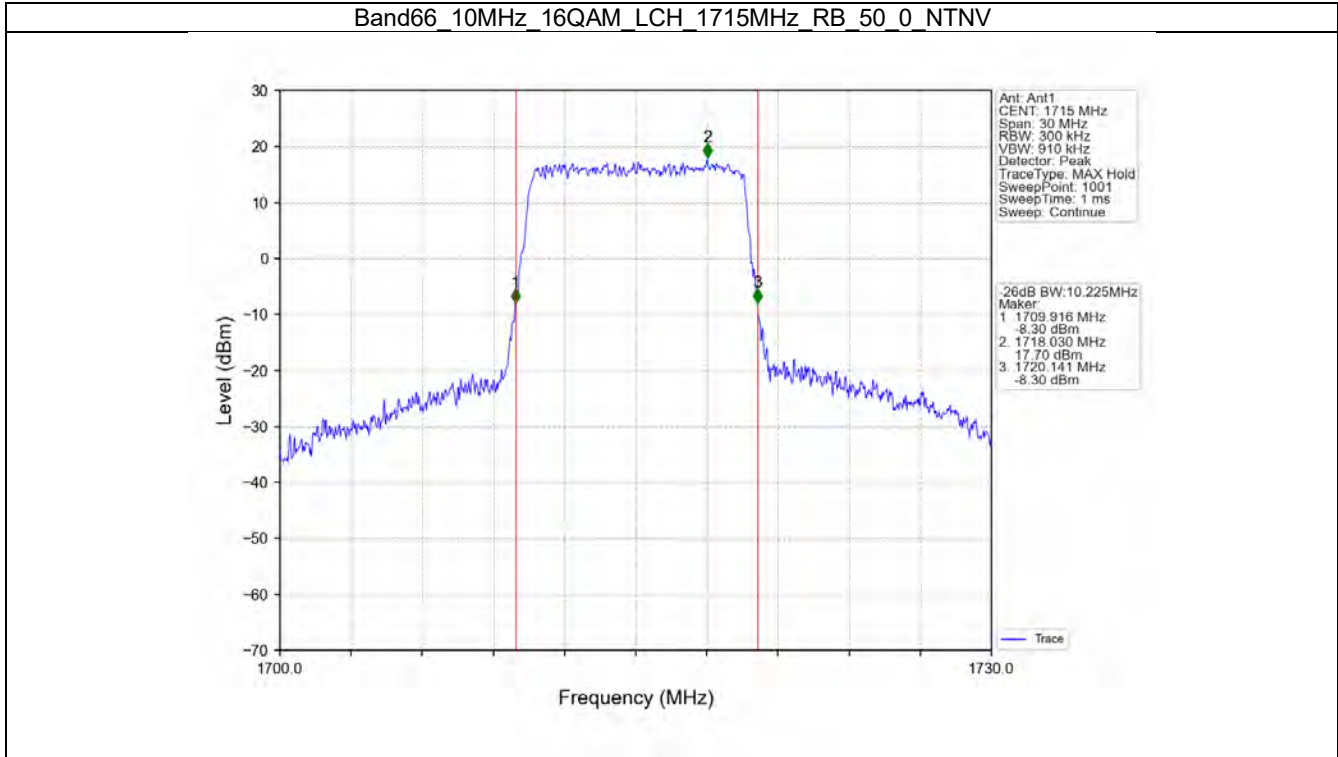


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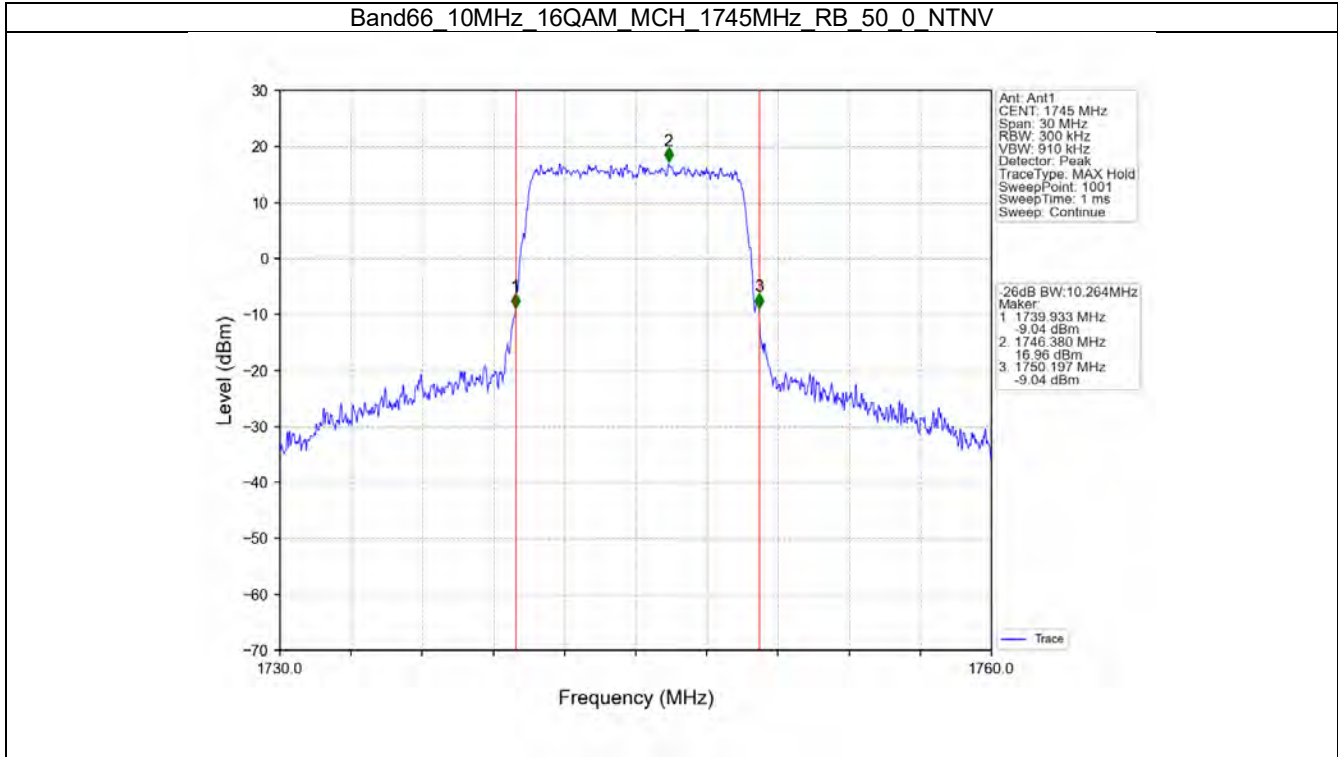


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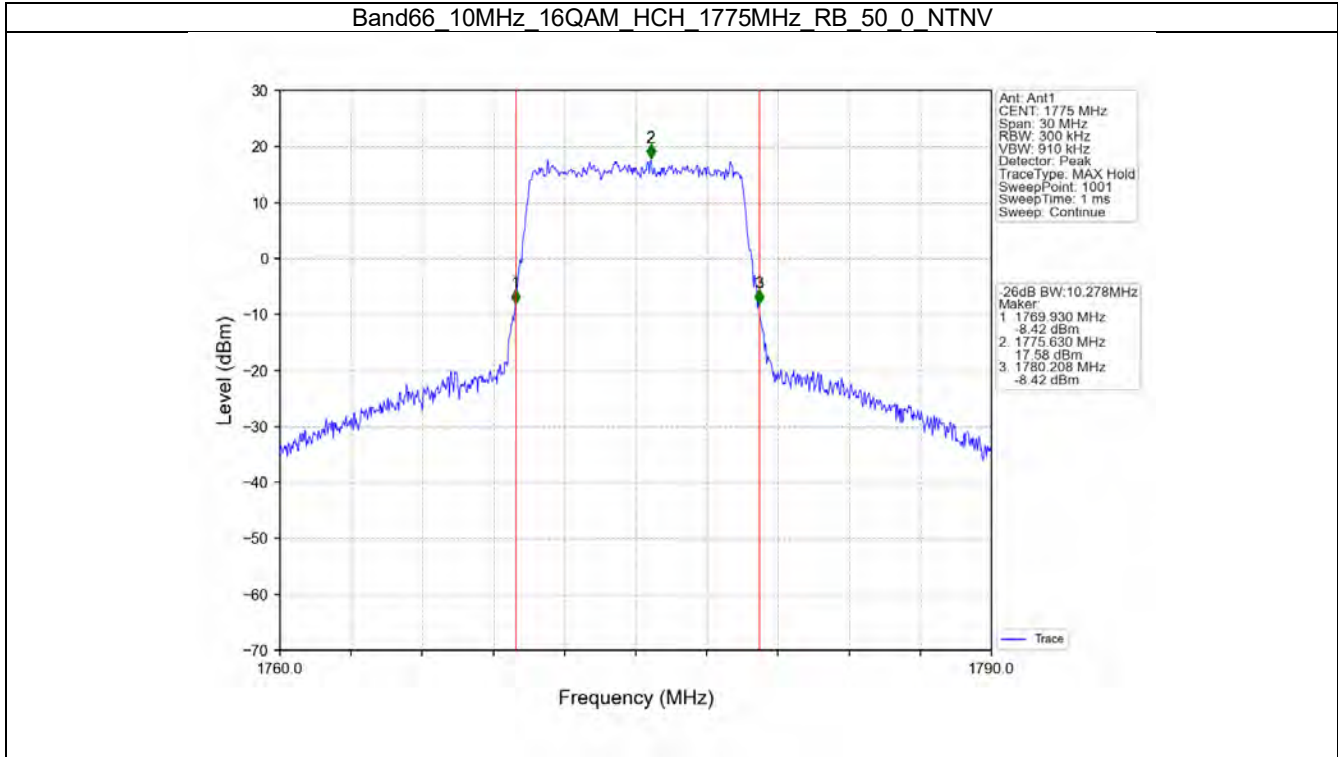


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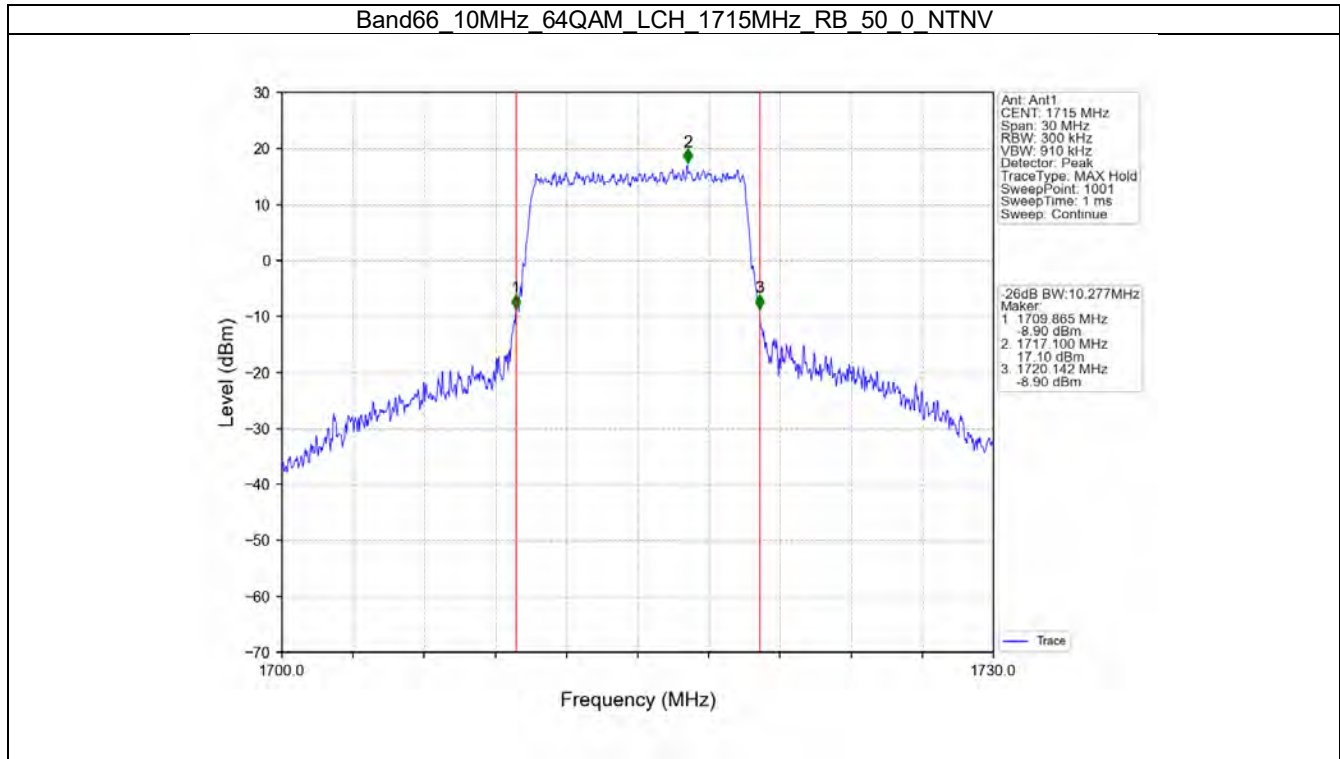


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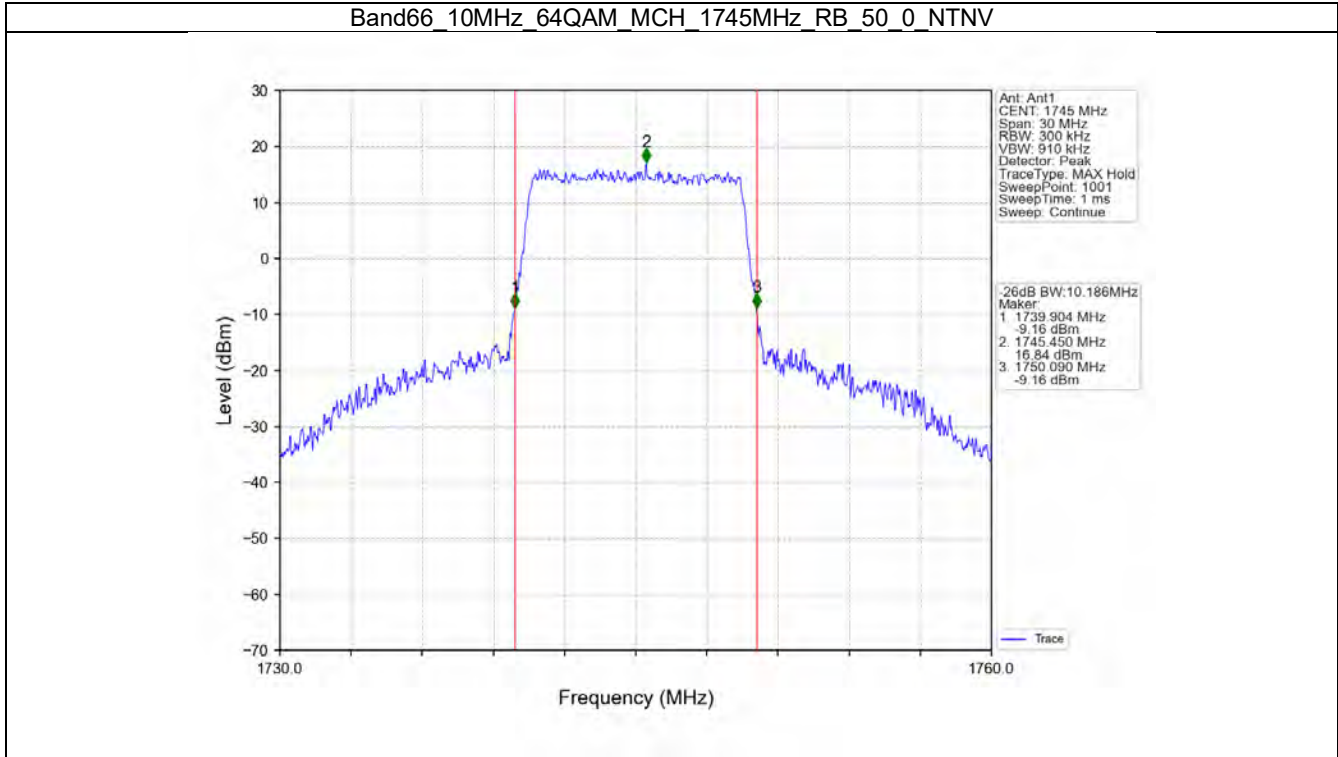


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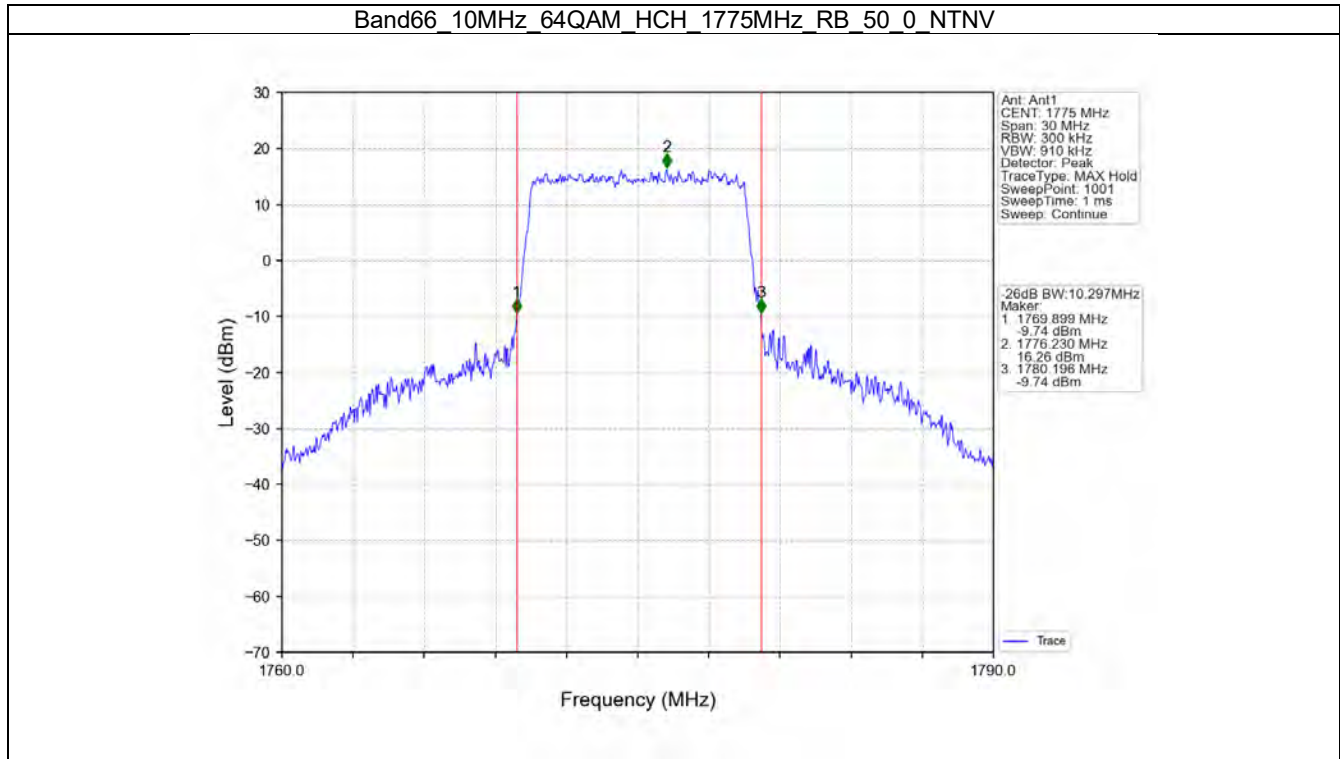


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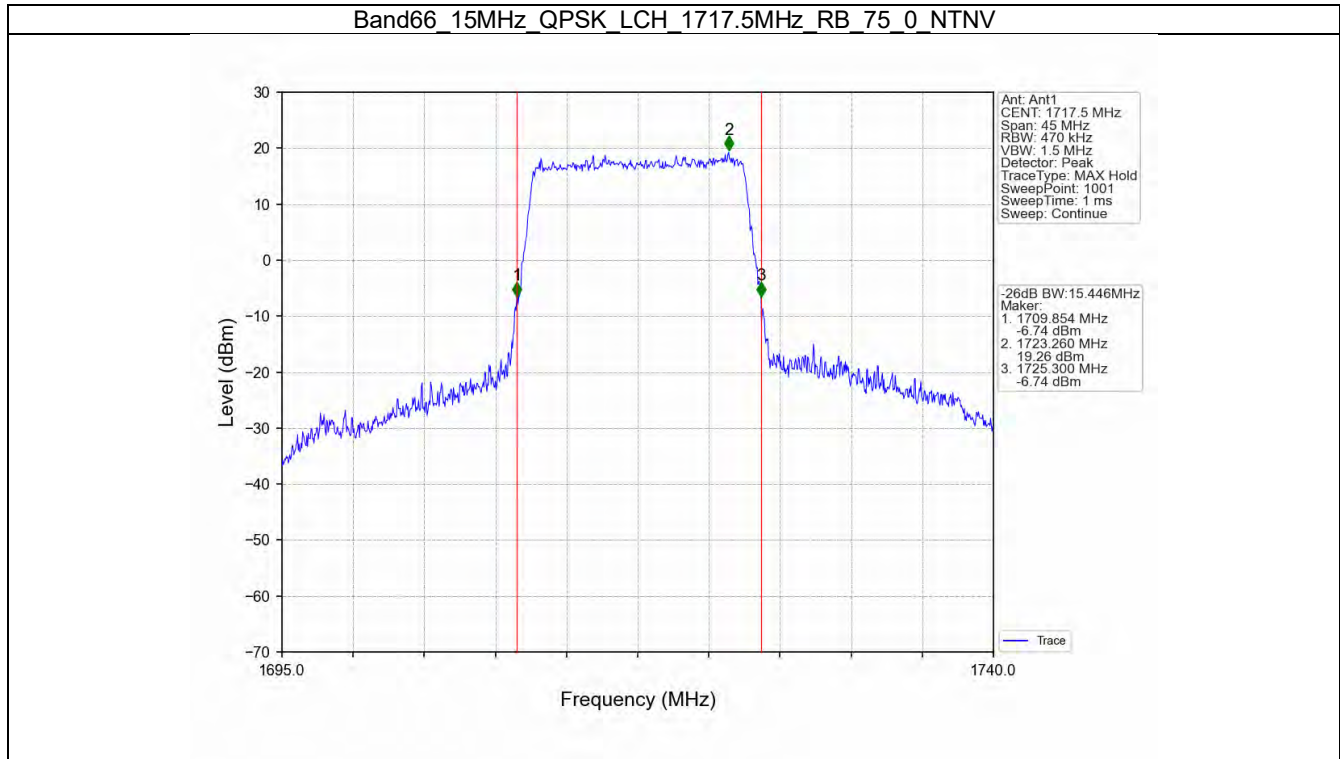


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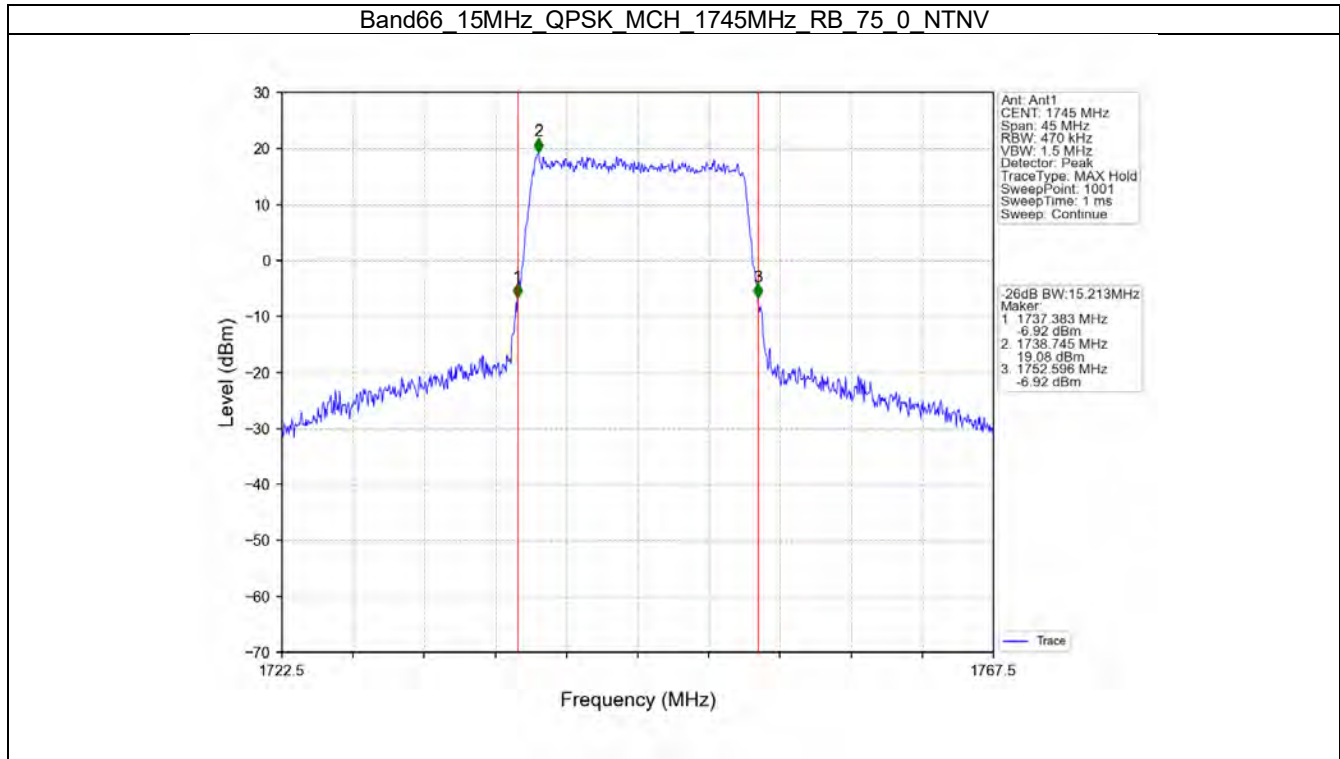


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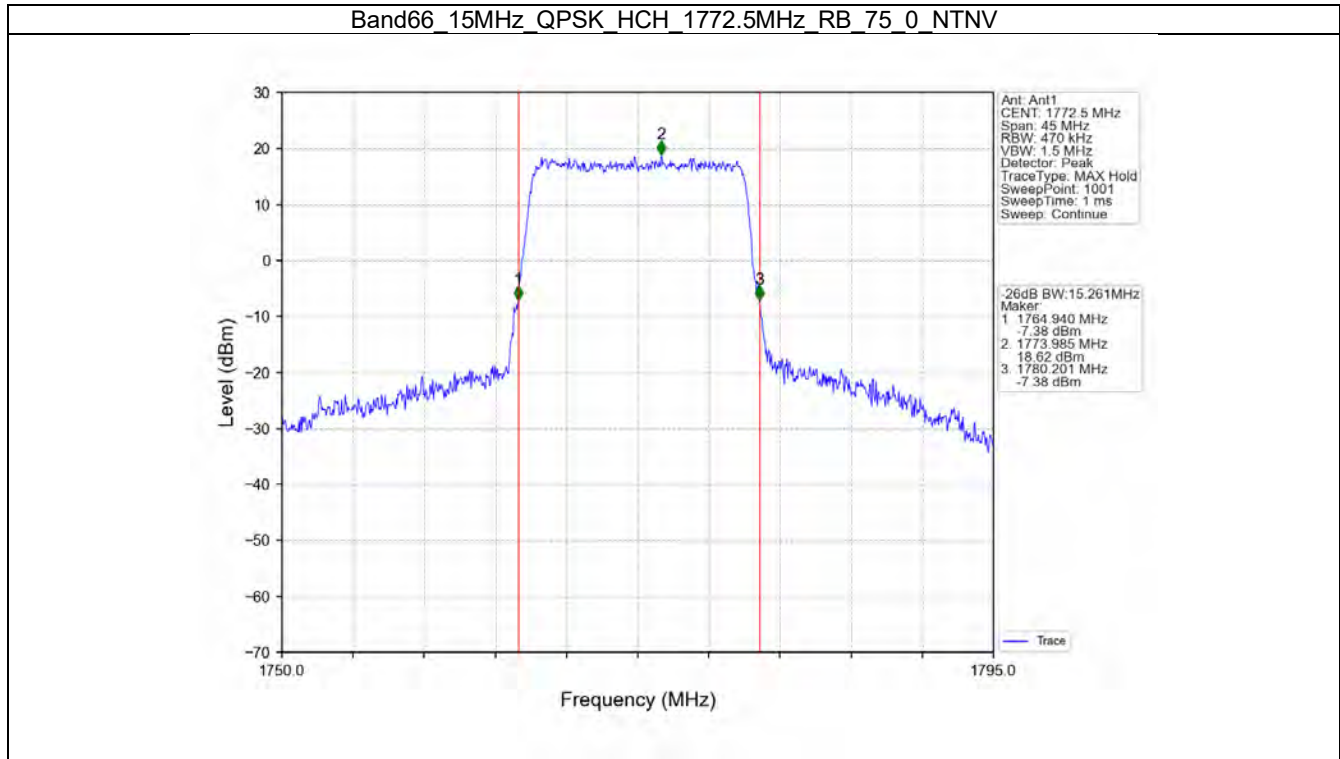


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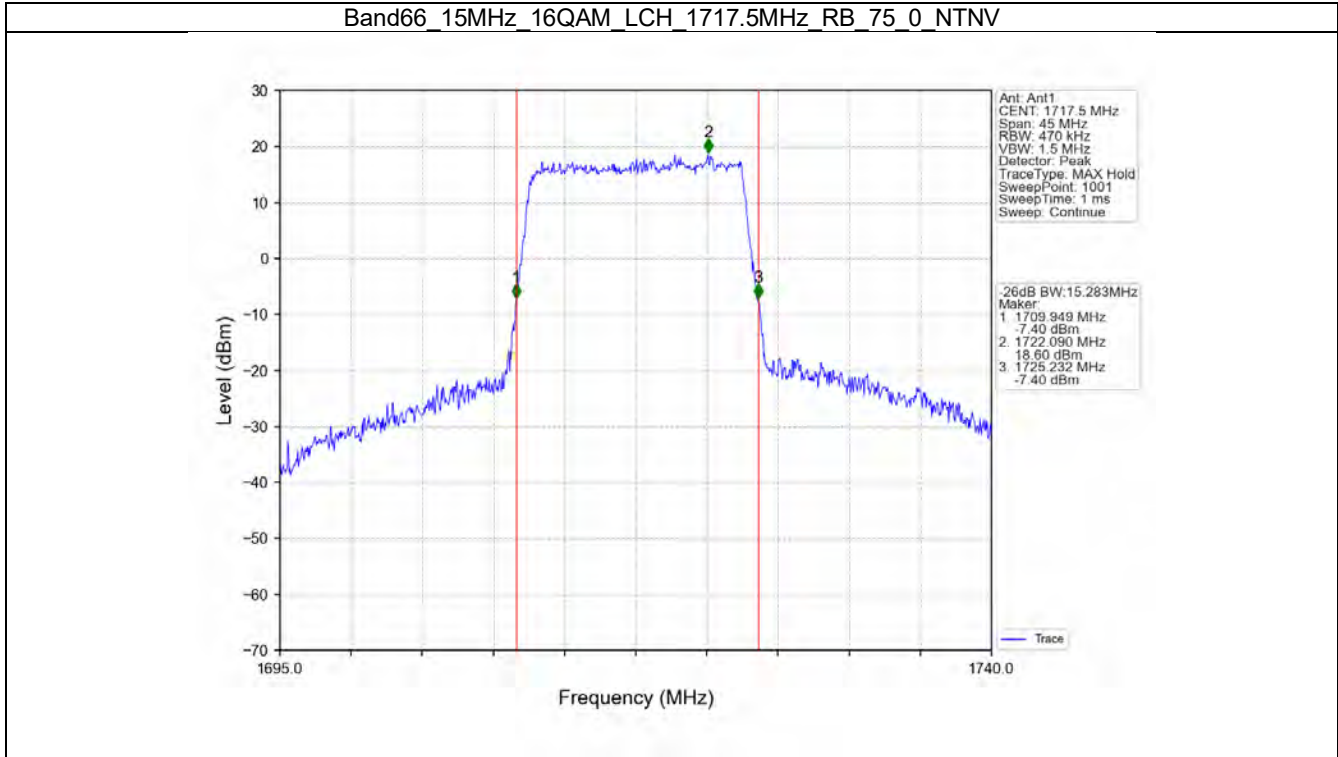


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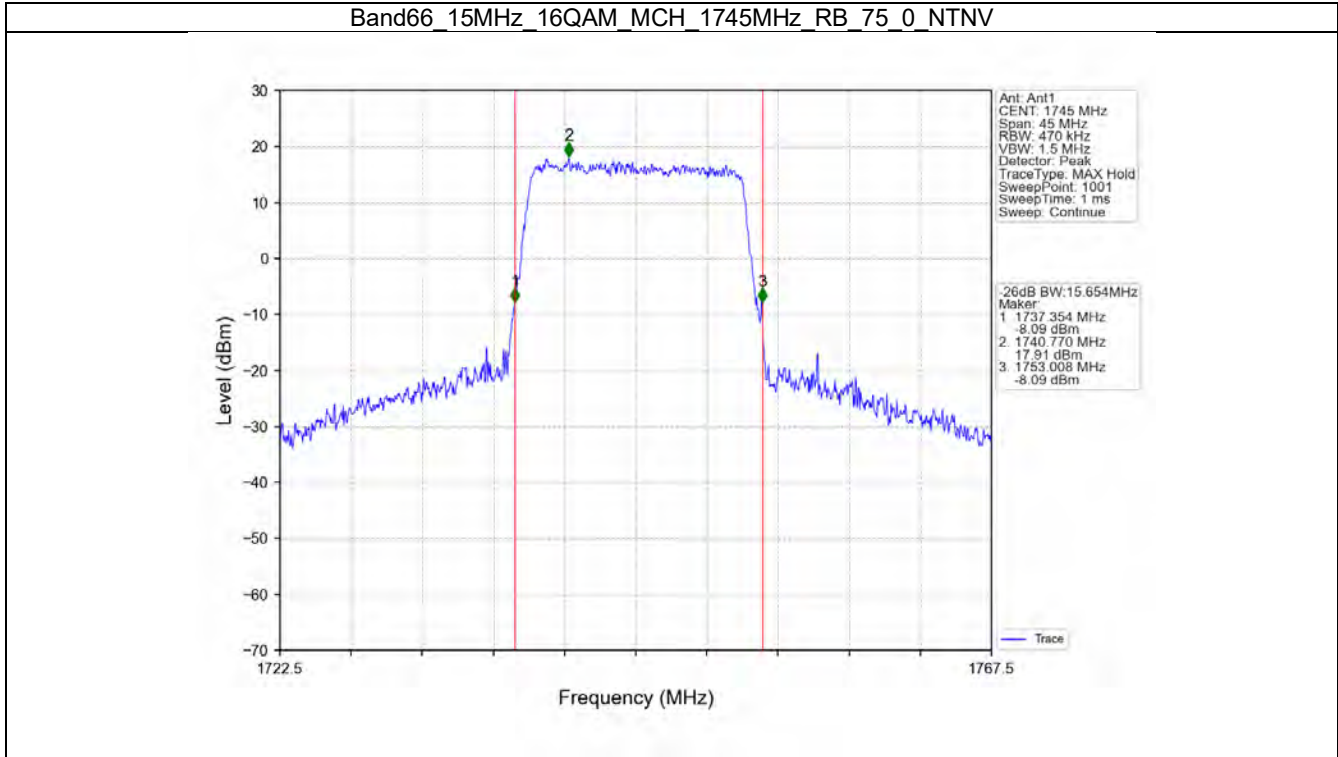


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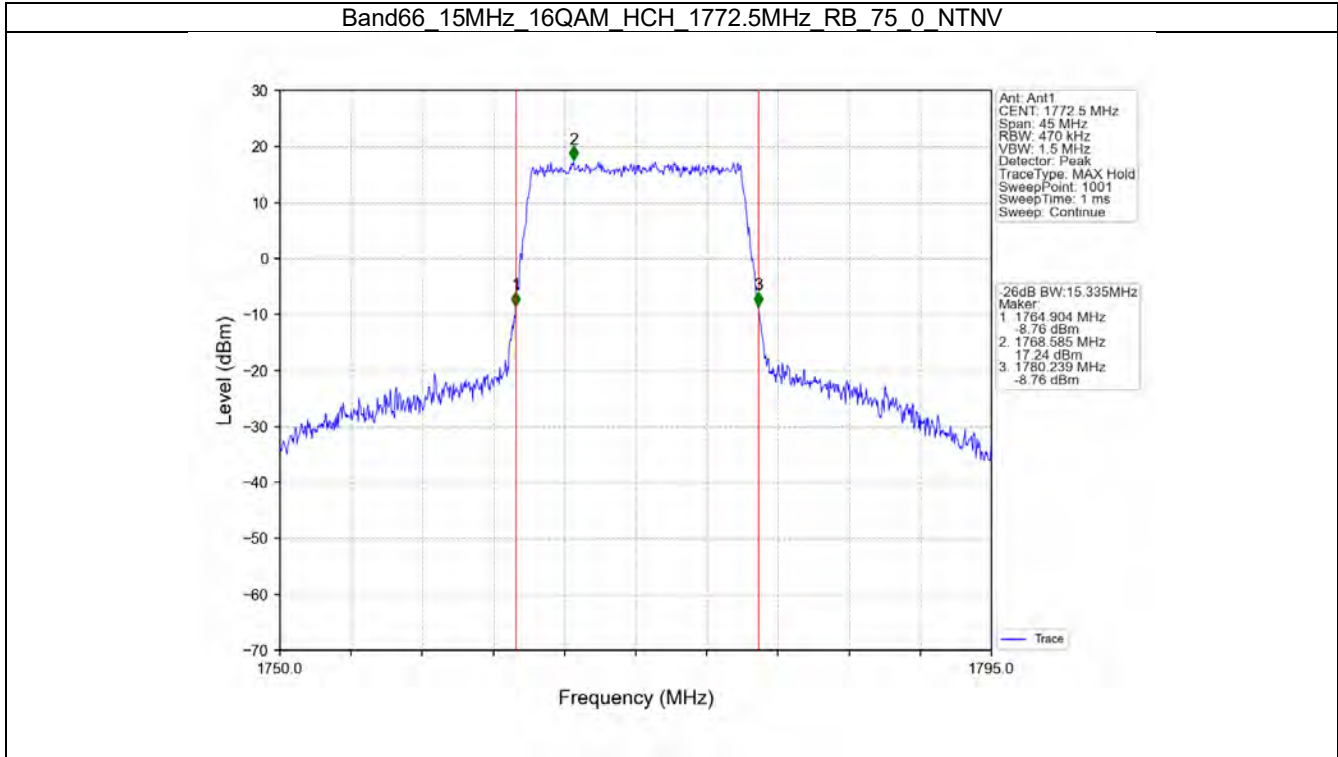


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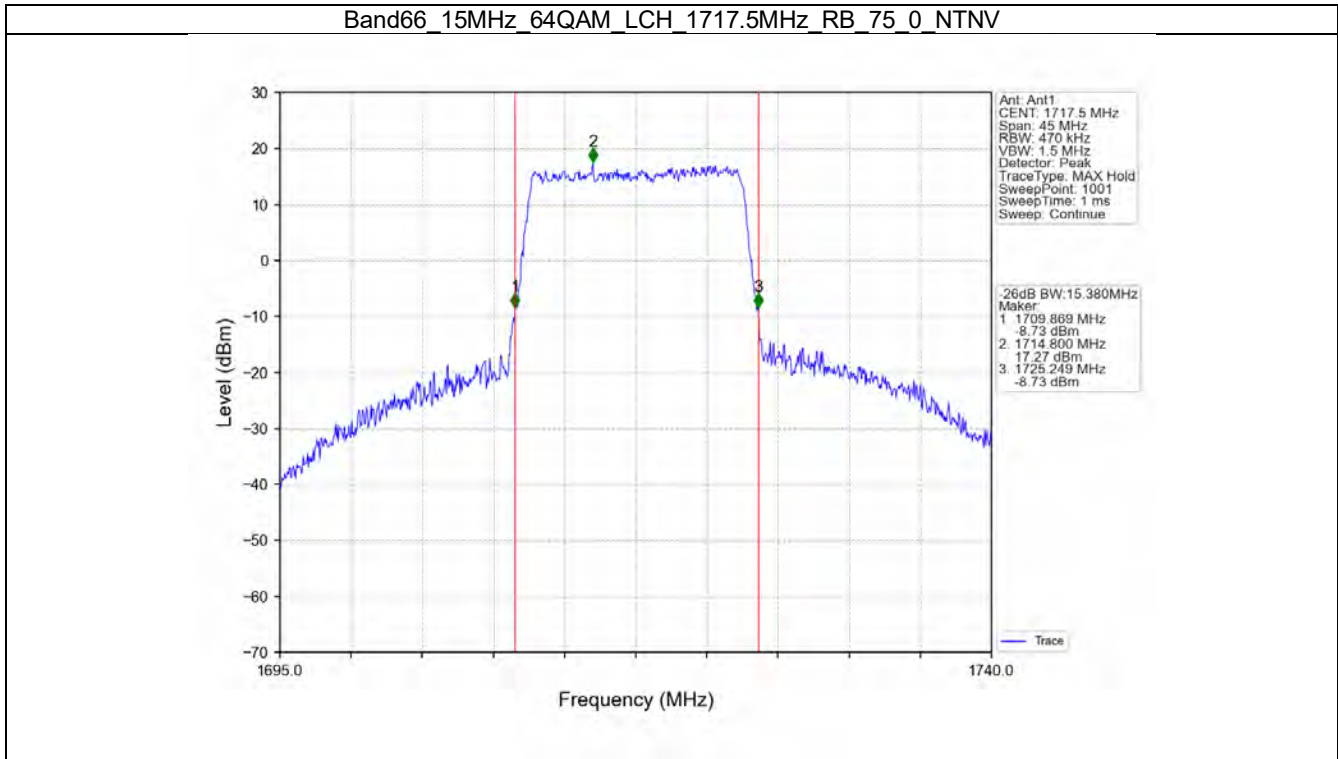


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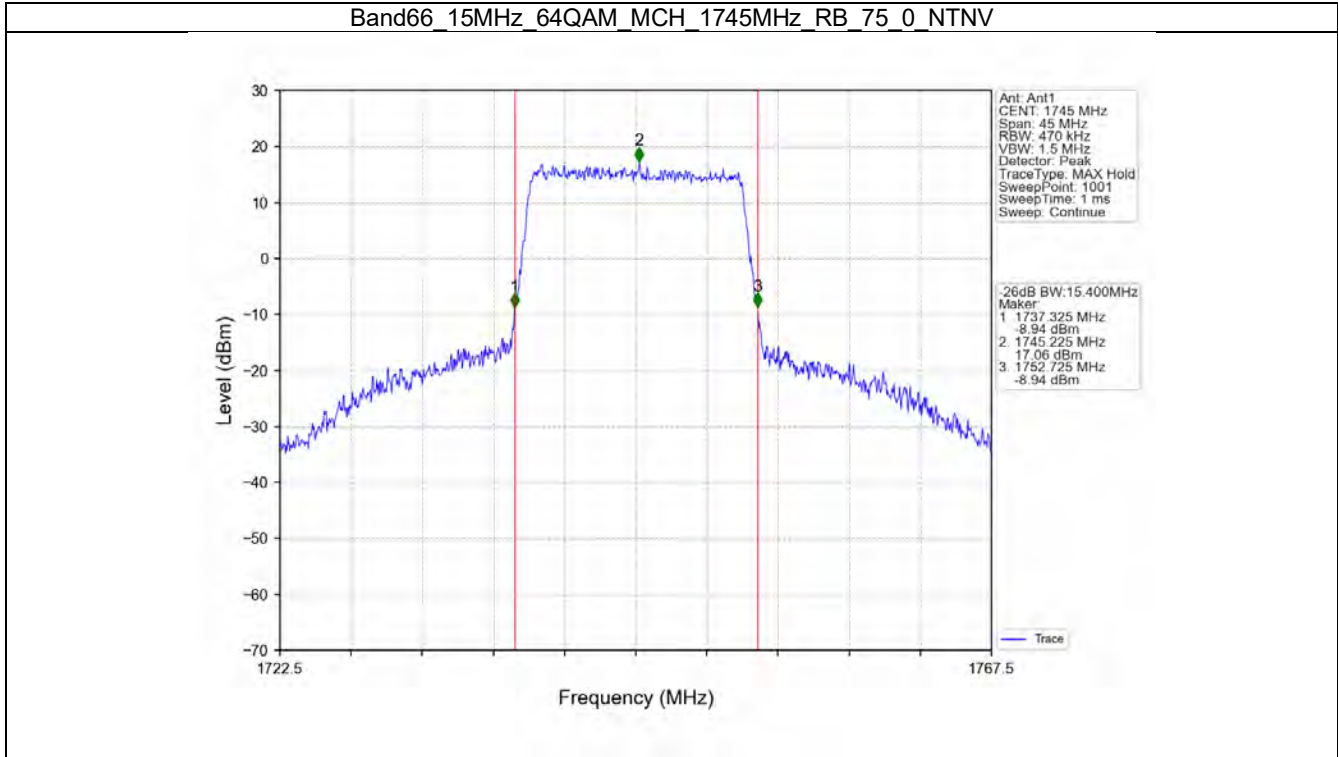


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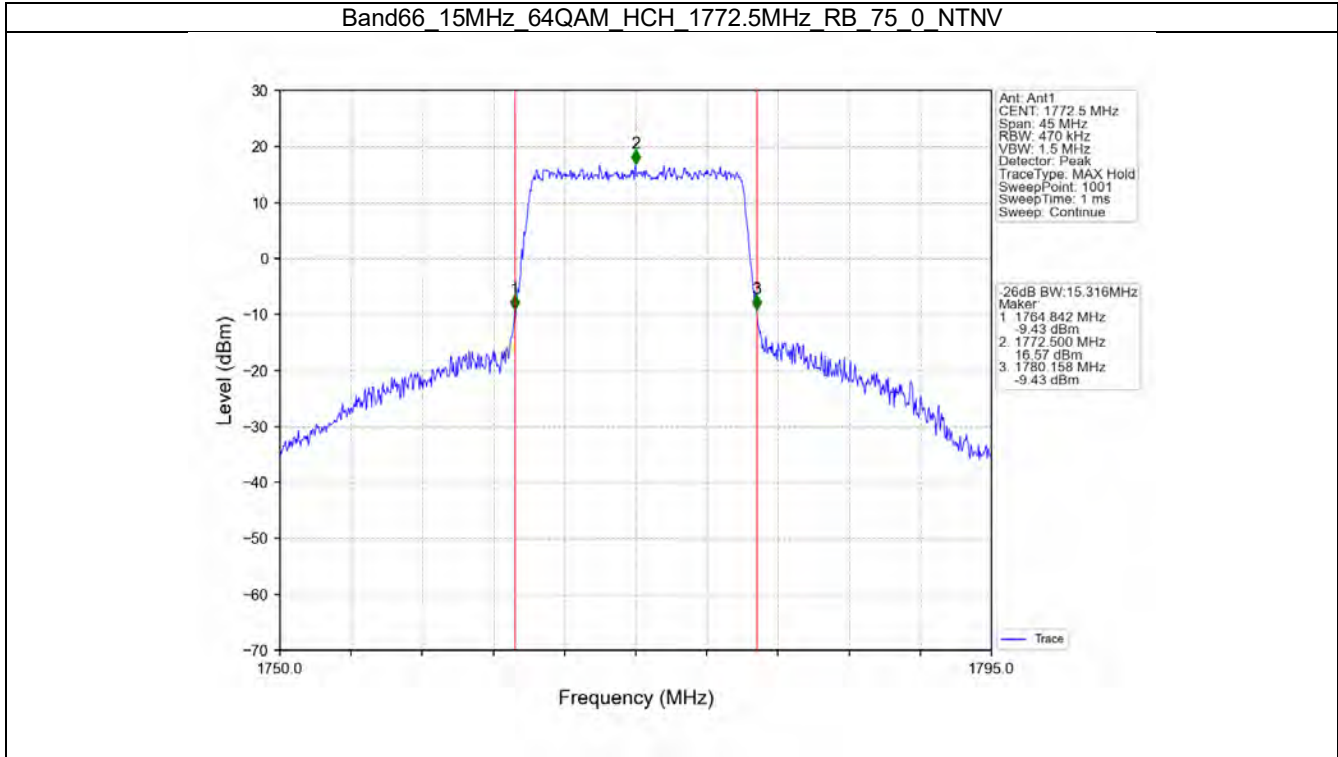


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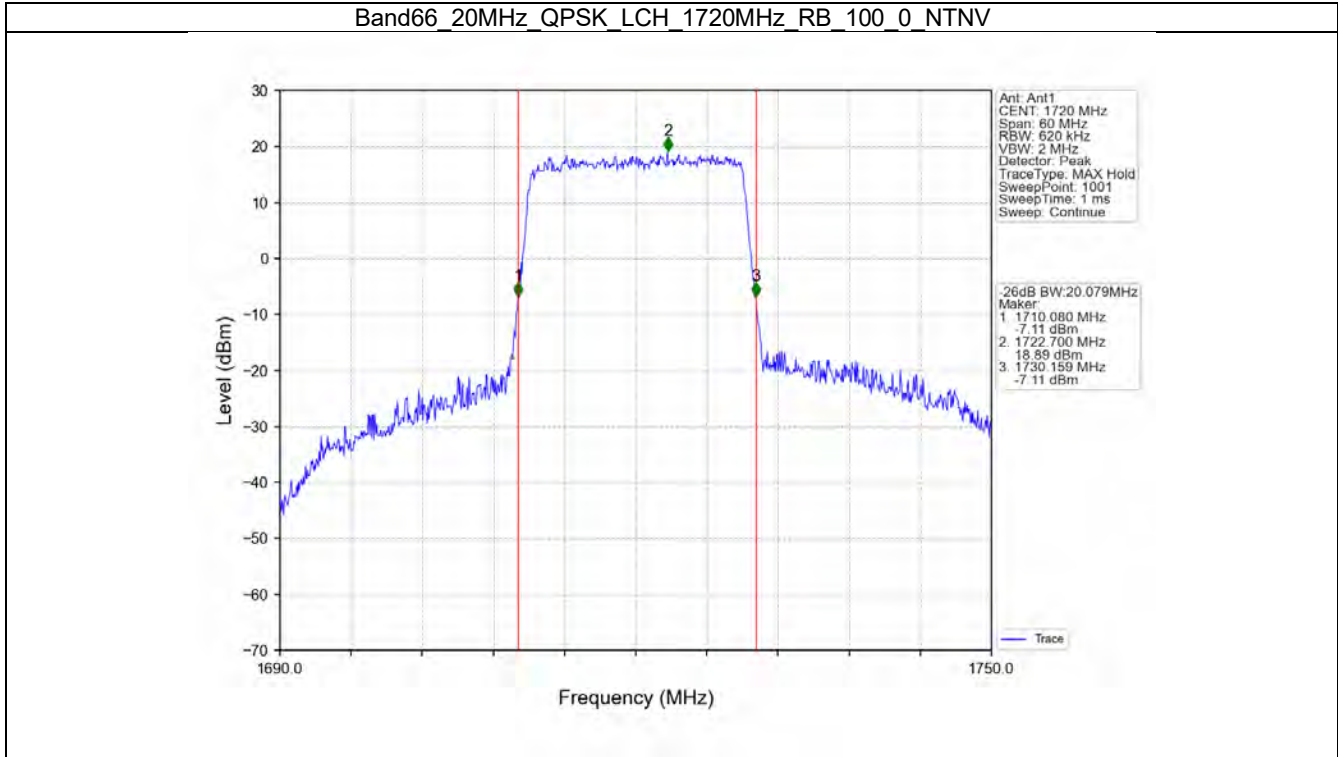


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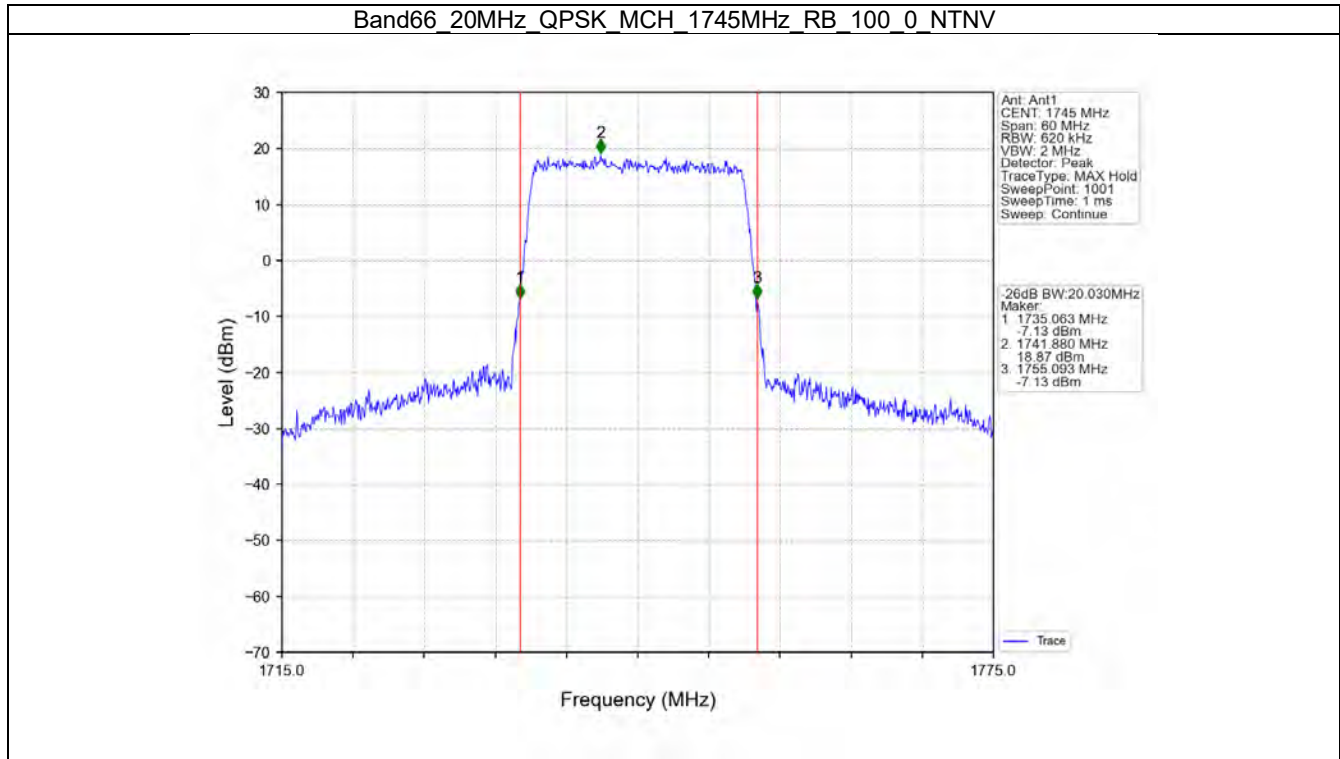


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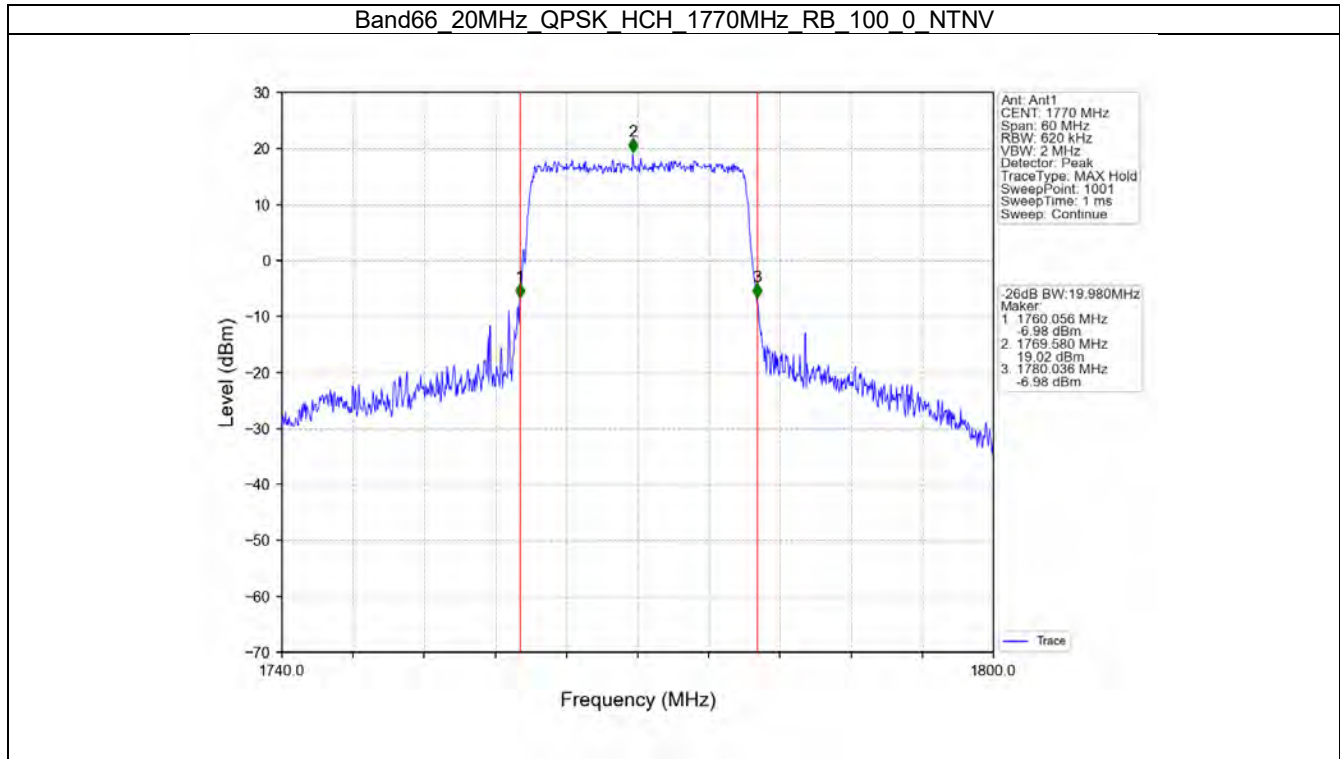


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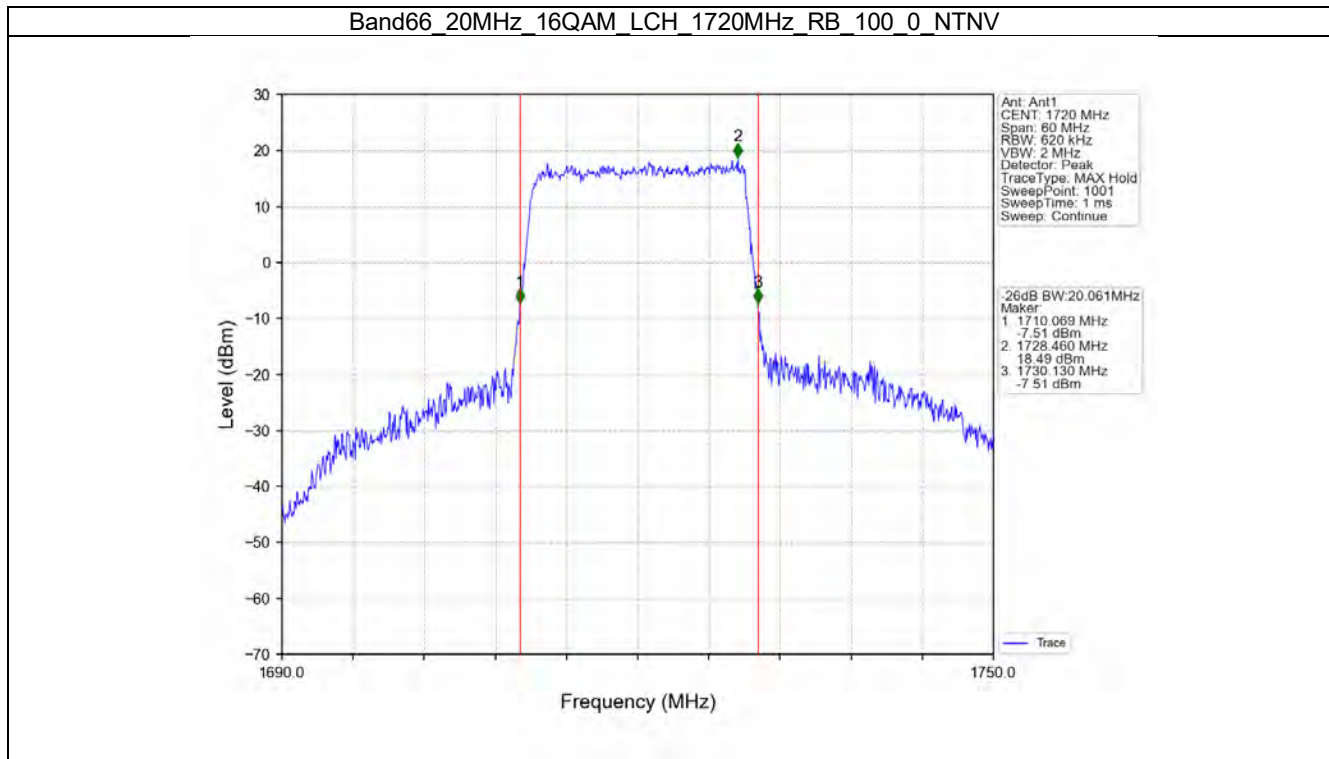
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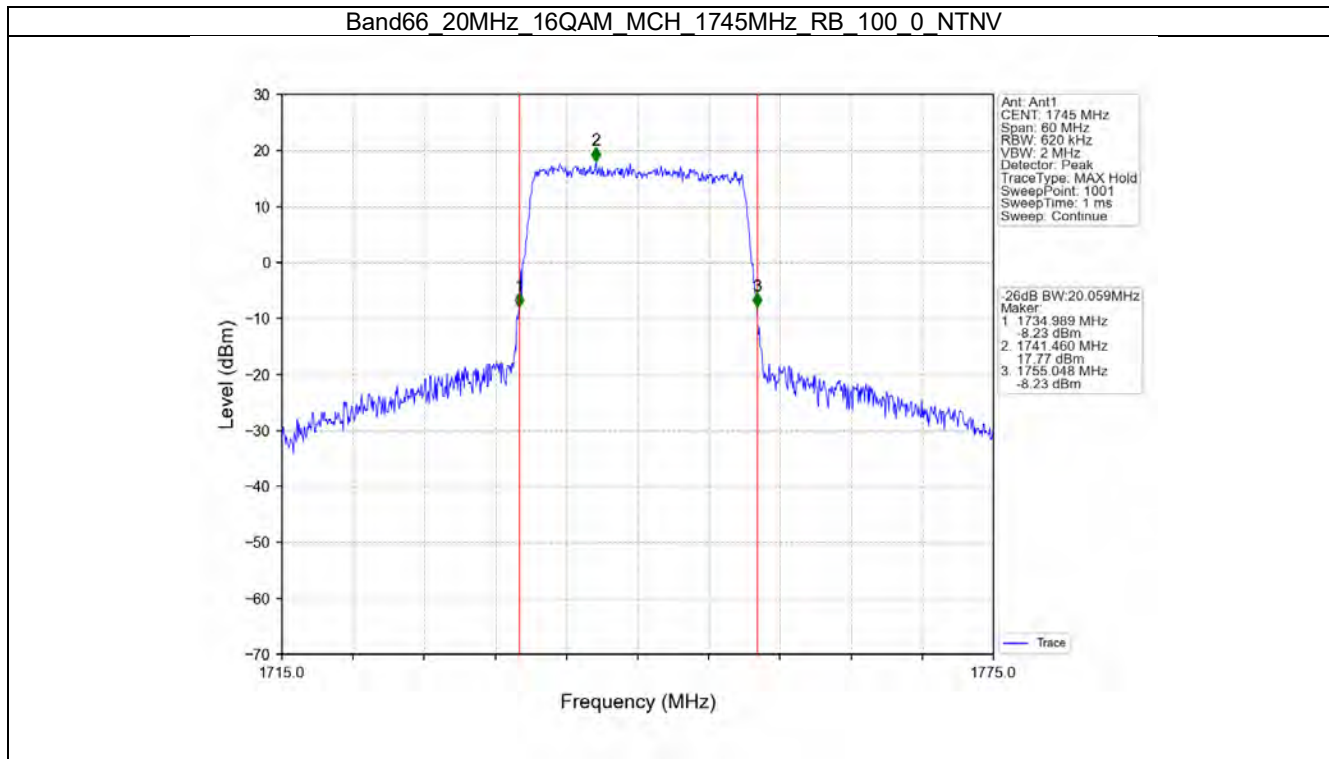
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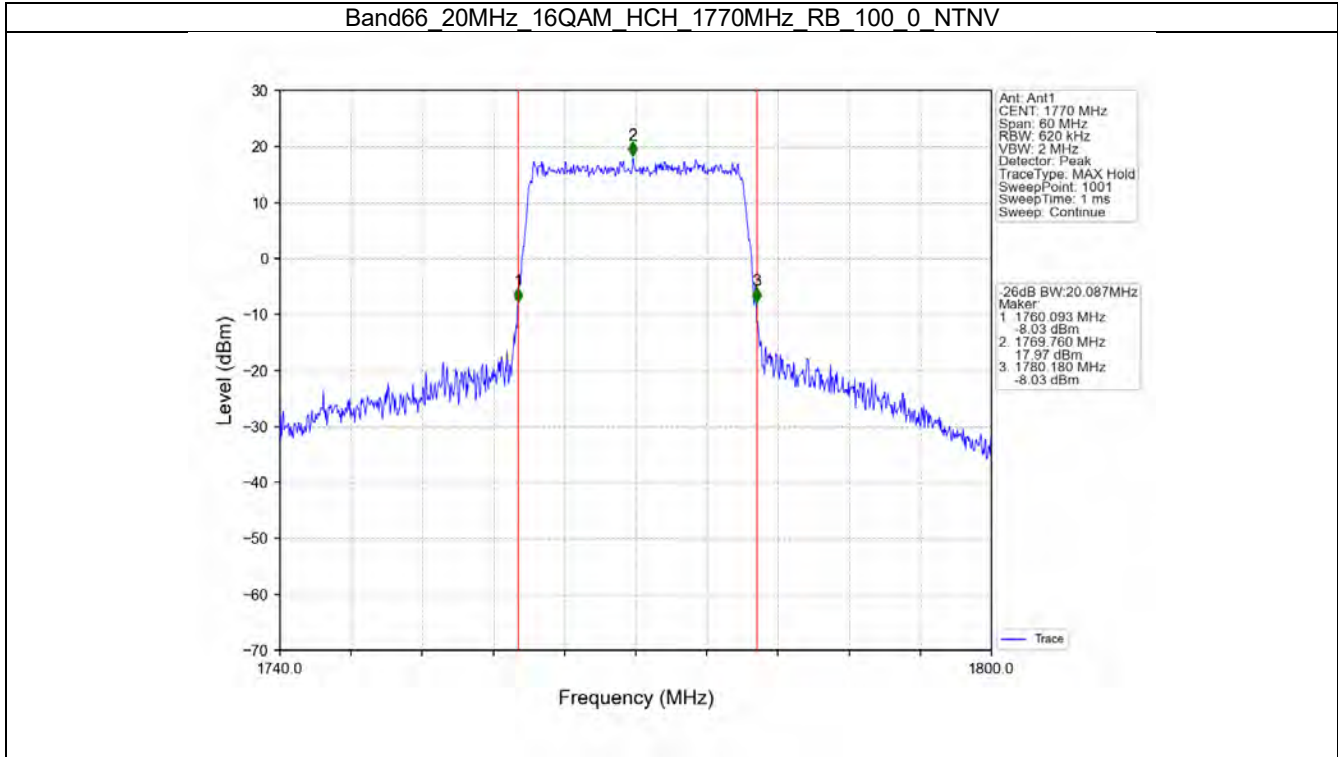


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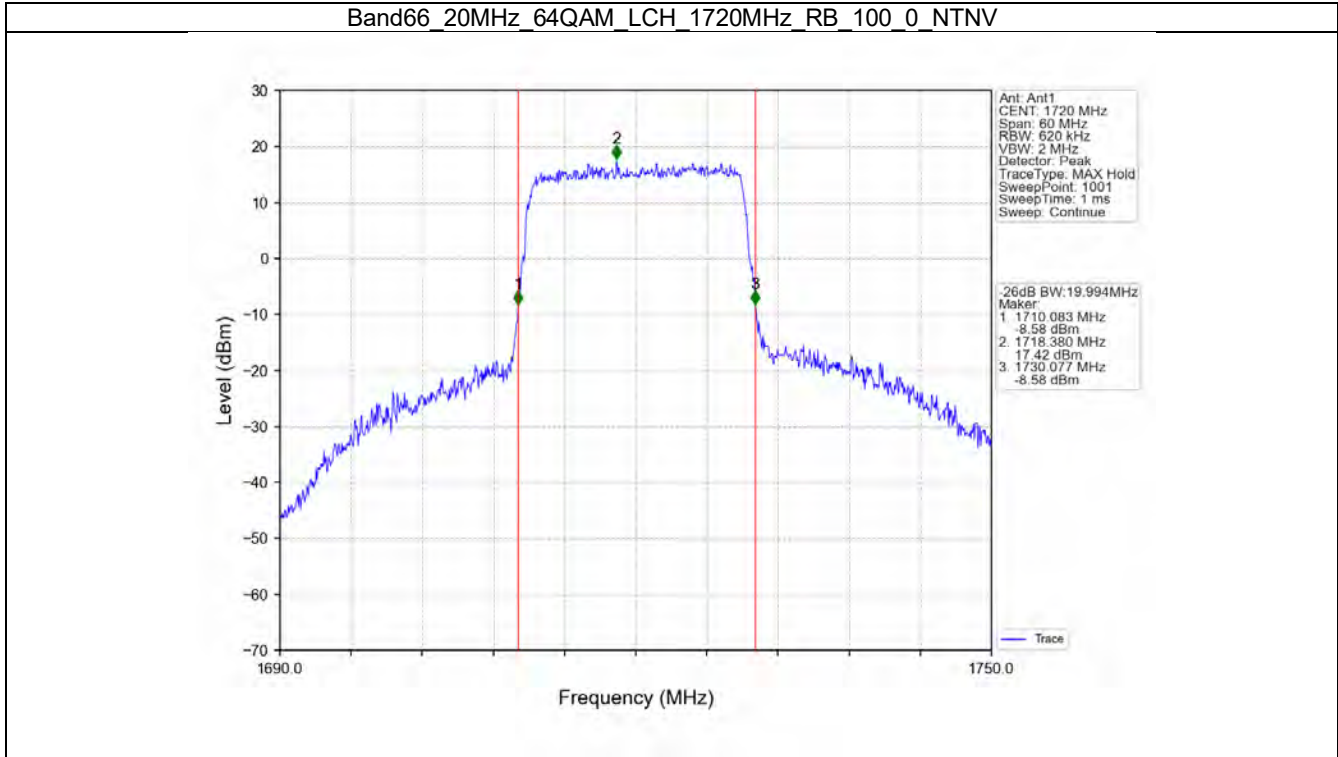


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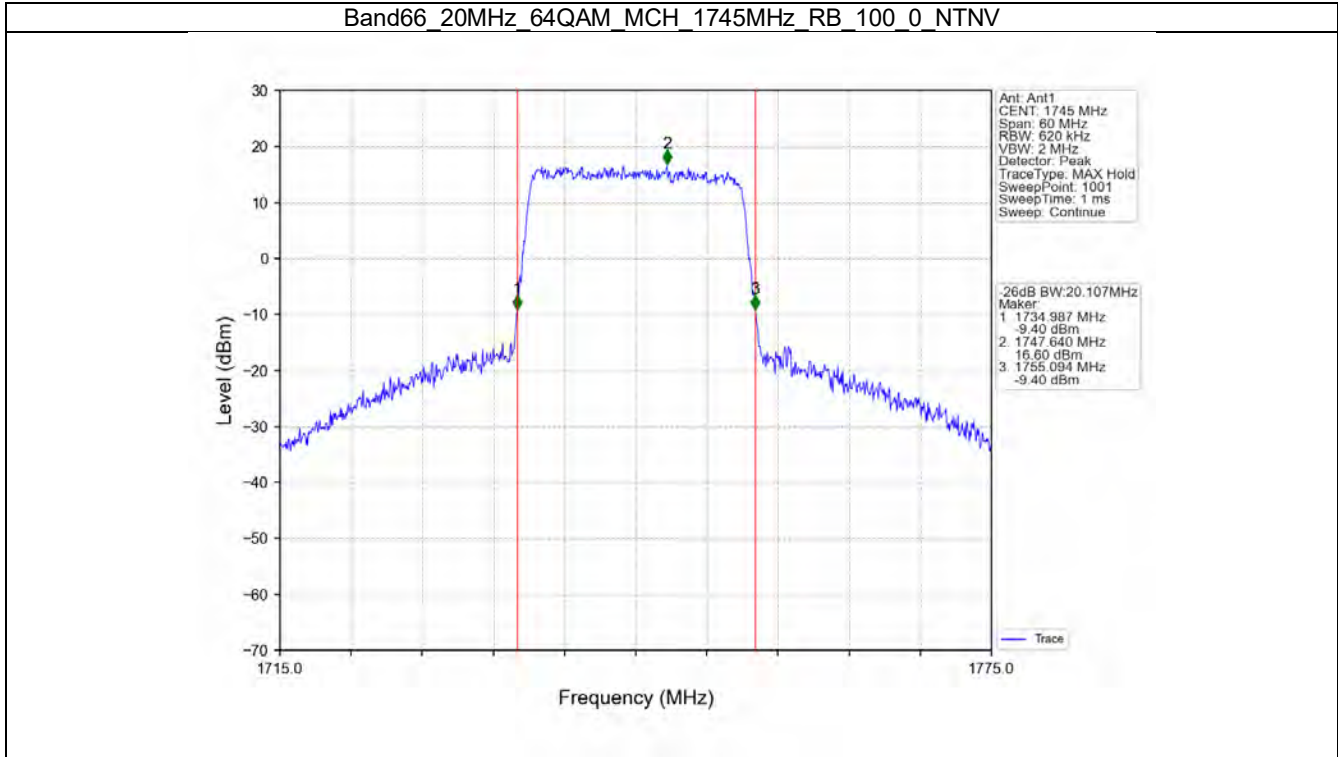


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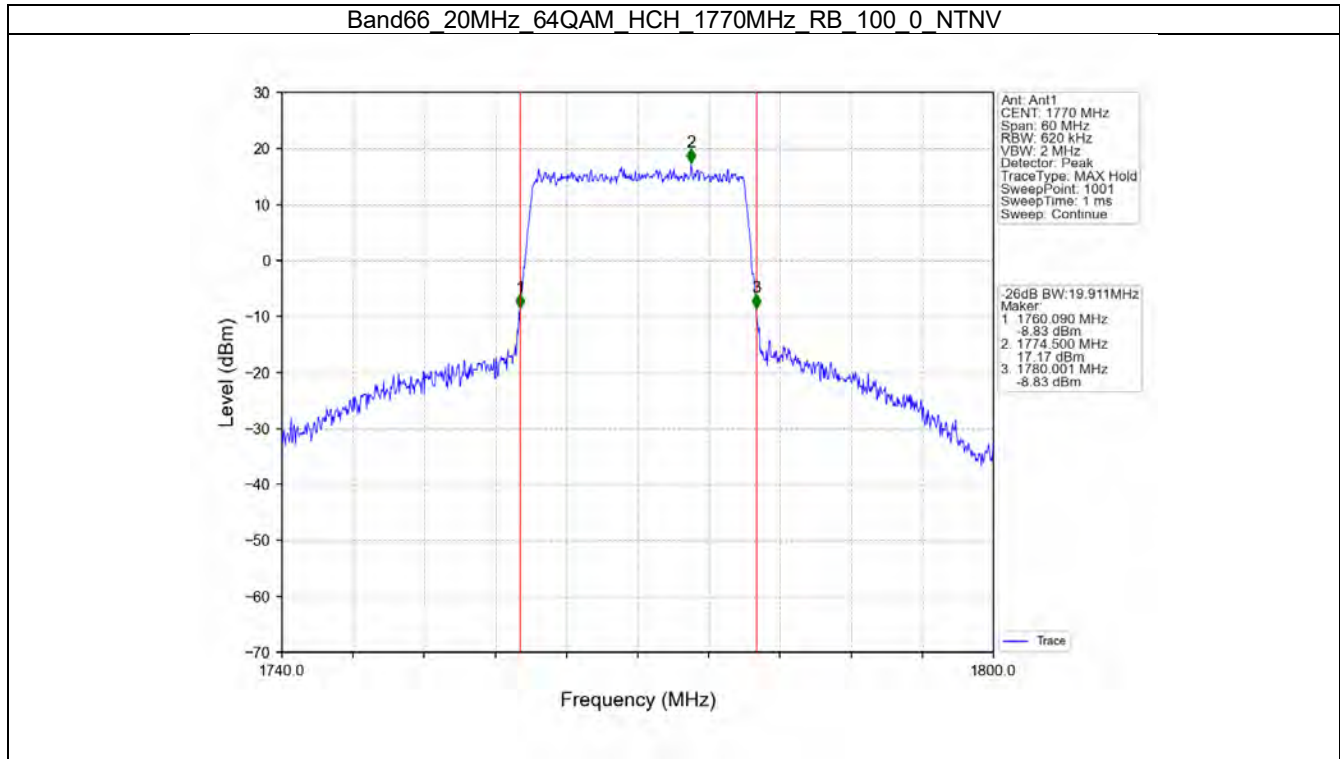


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## 4. Peak-Average Ratio

### 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	4.92	<=13	Pass
	1745	6	0	5.04	<=13	Pass
	1779.3	6	0	4.61	<=13	Pass
16QAM	1710.7	6	0	5.74	<=13	Pass
	1745	6	0	5.85	<=13	Pass
	1779.3	6	0	5.46	<=13	Pass
64QAM	1710.7	6	0	5.31	<=13	Pass
	1745	6	0	5.53	<=13	Pass
	1779.3	6	0	5.09	<=13	Pass



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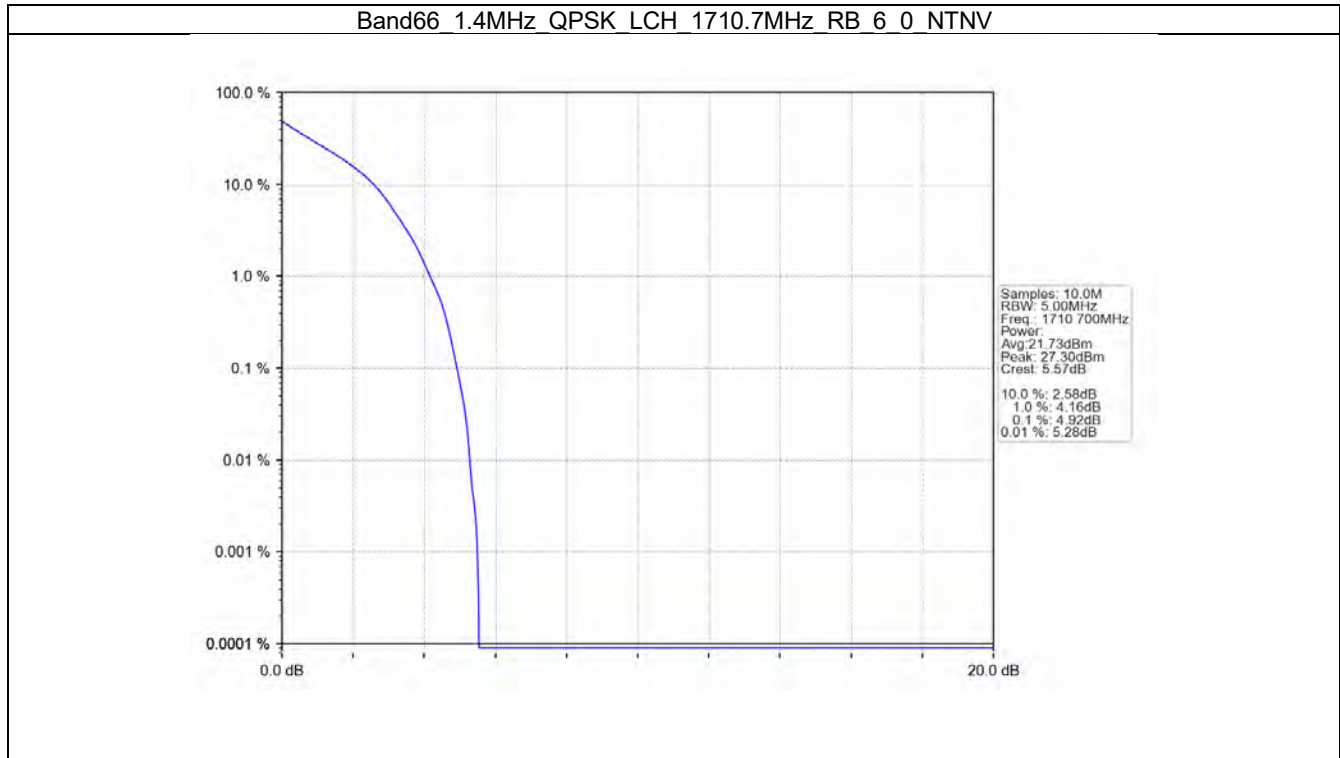
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4.1.2 Test Graph



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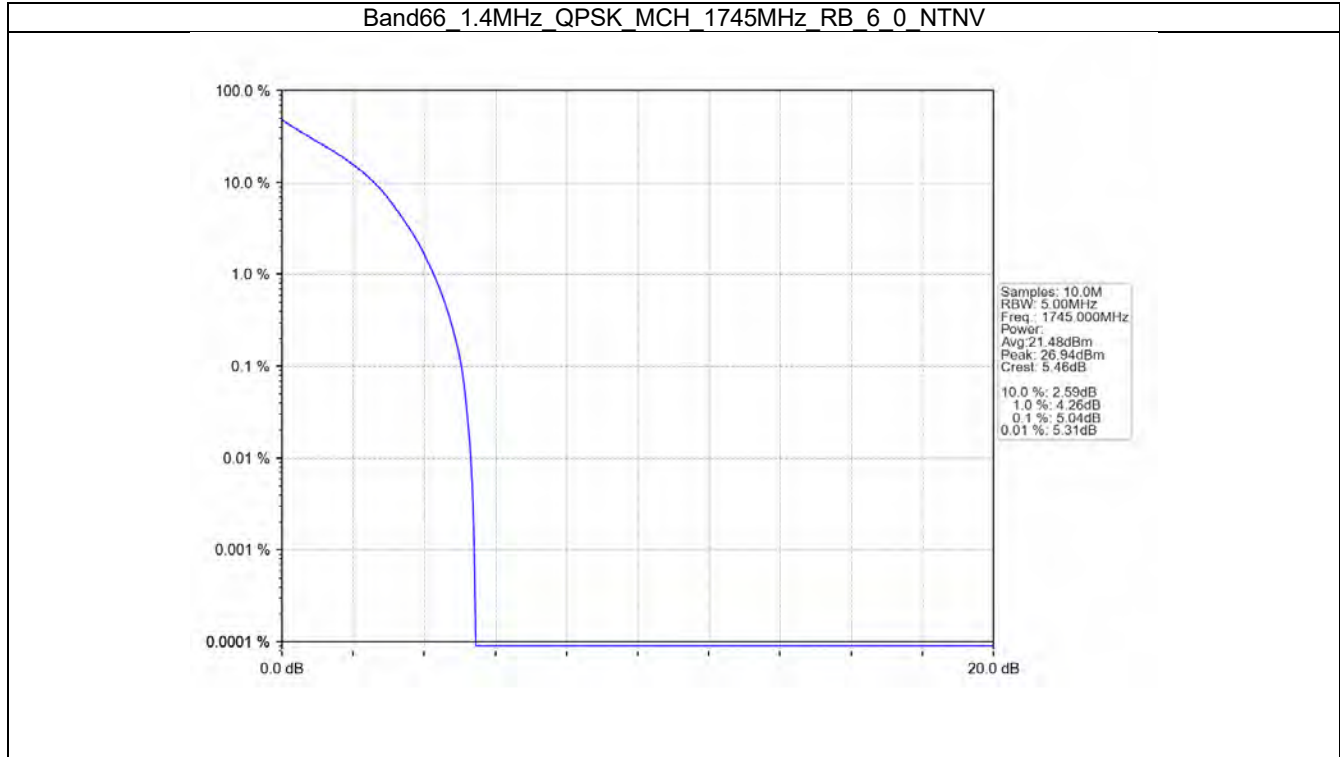
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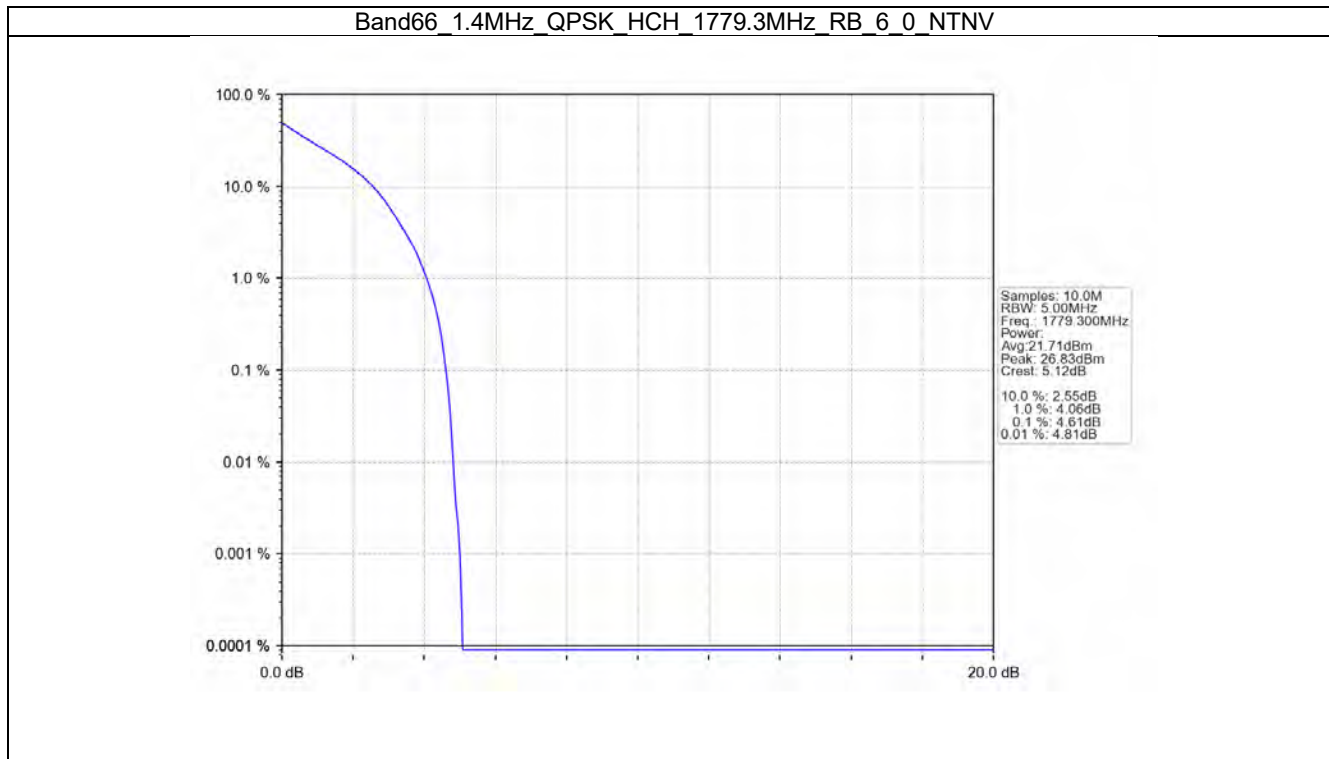
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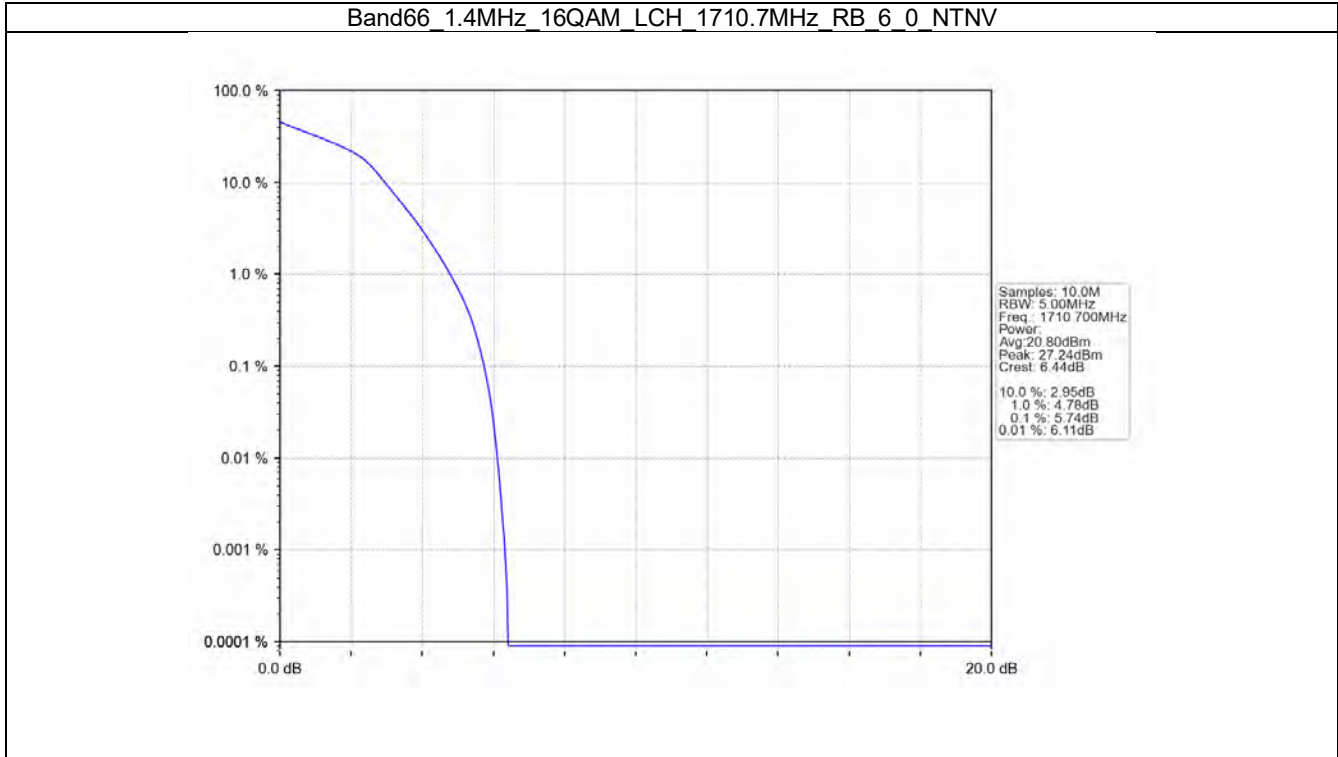


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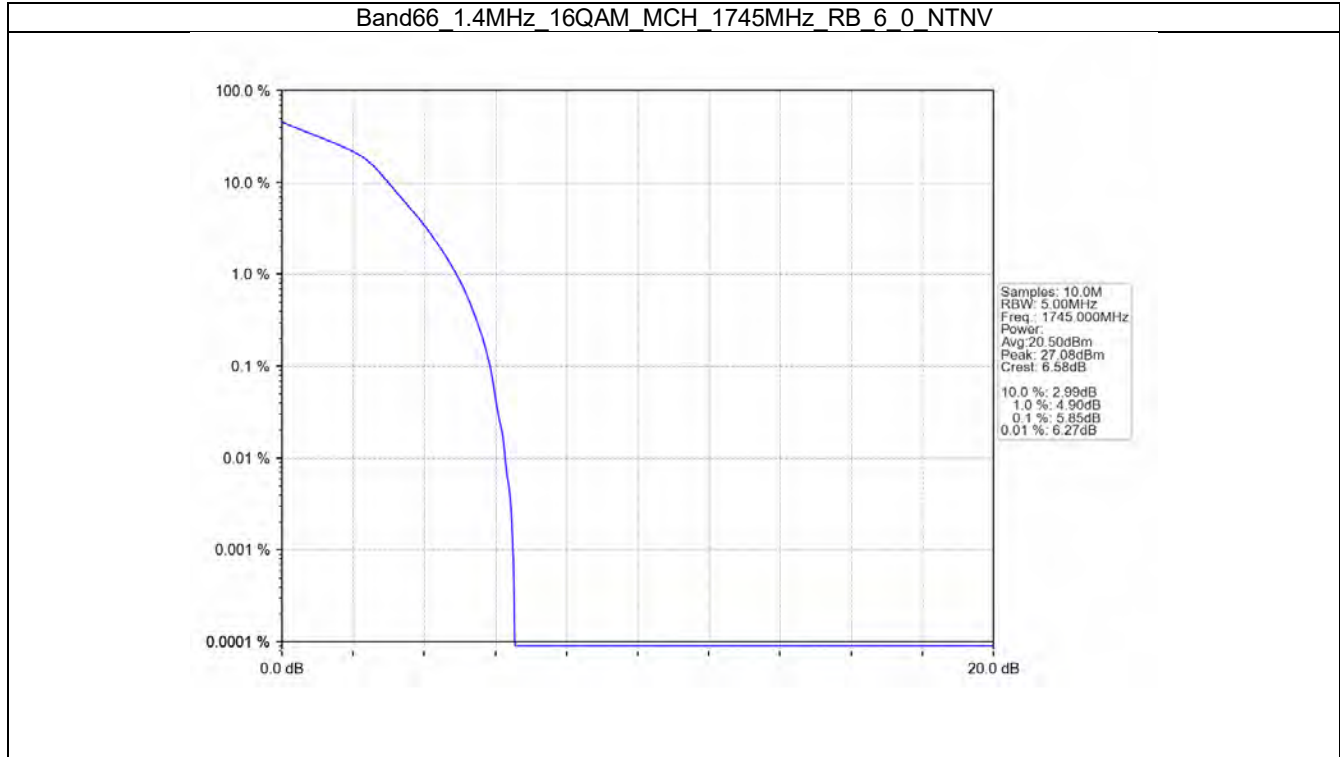


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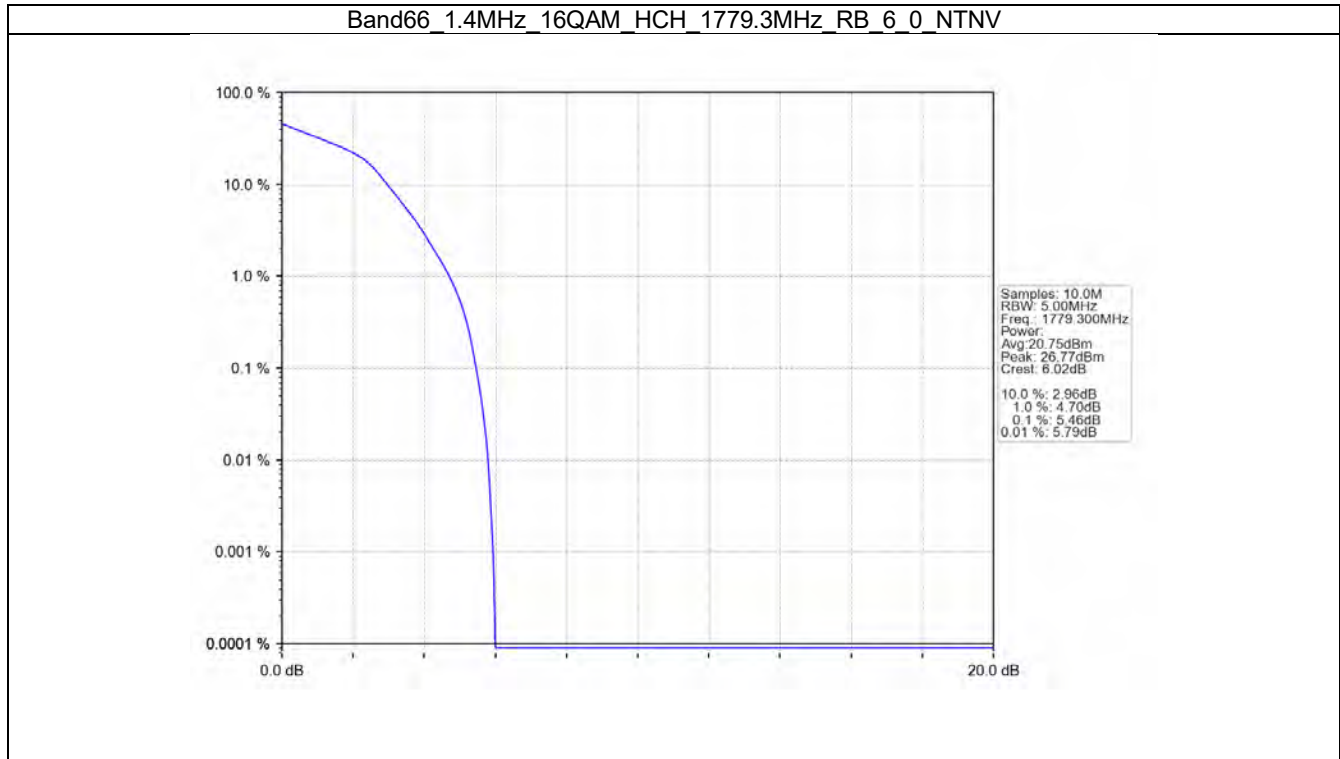


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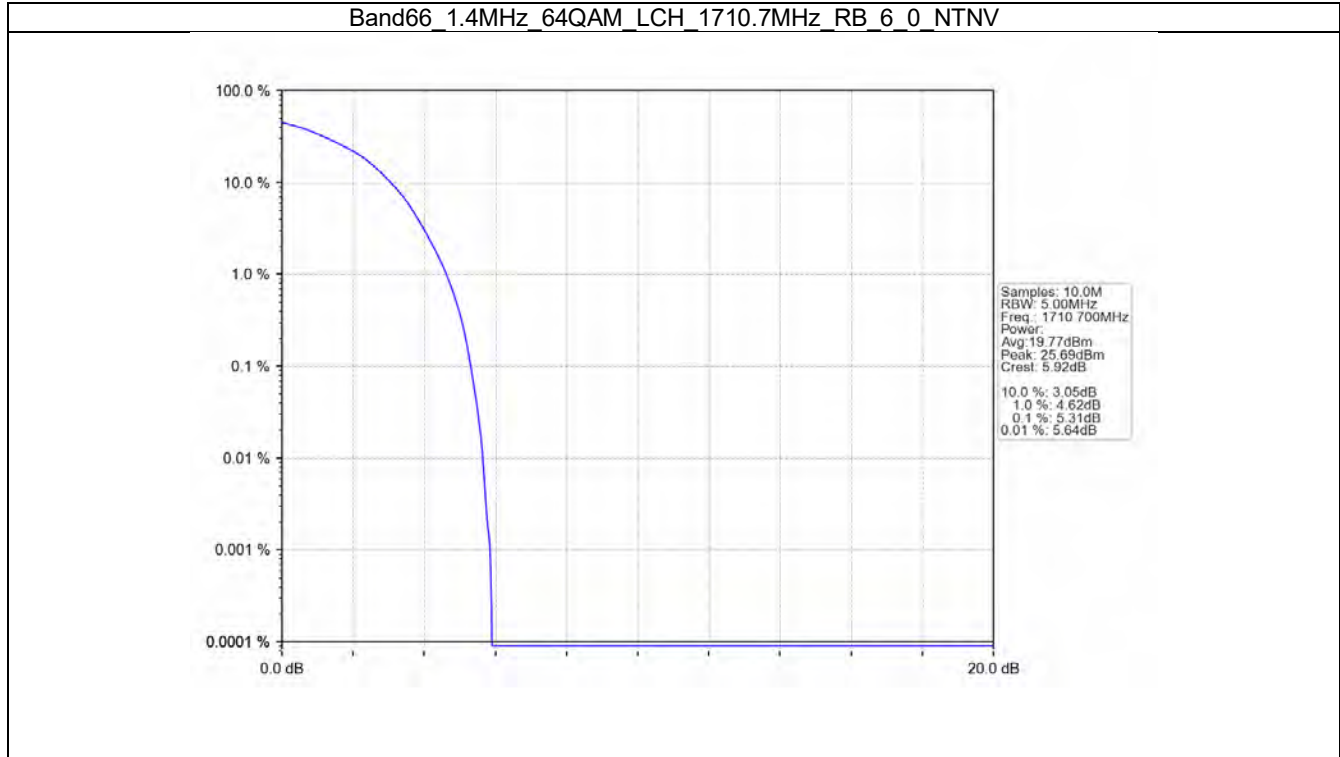
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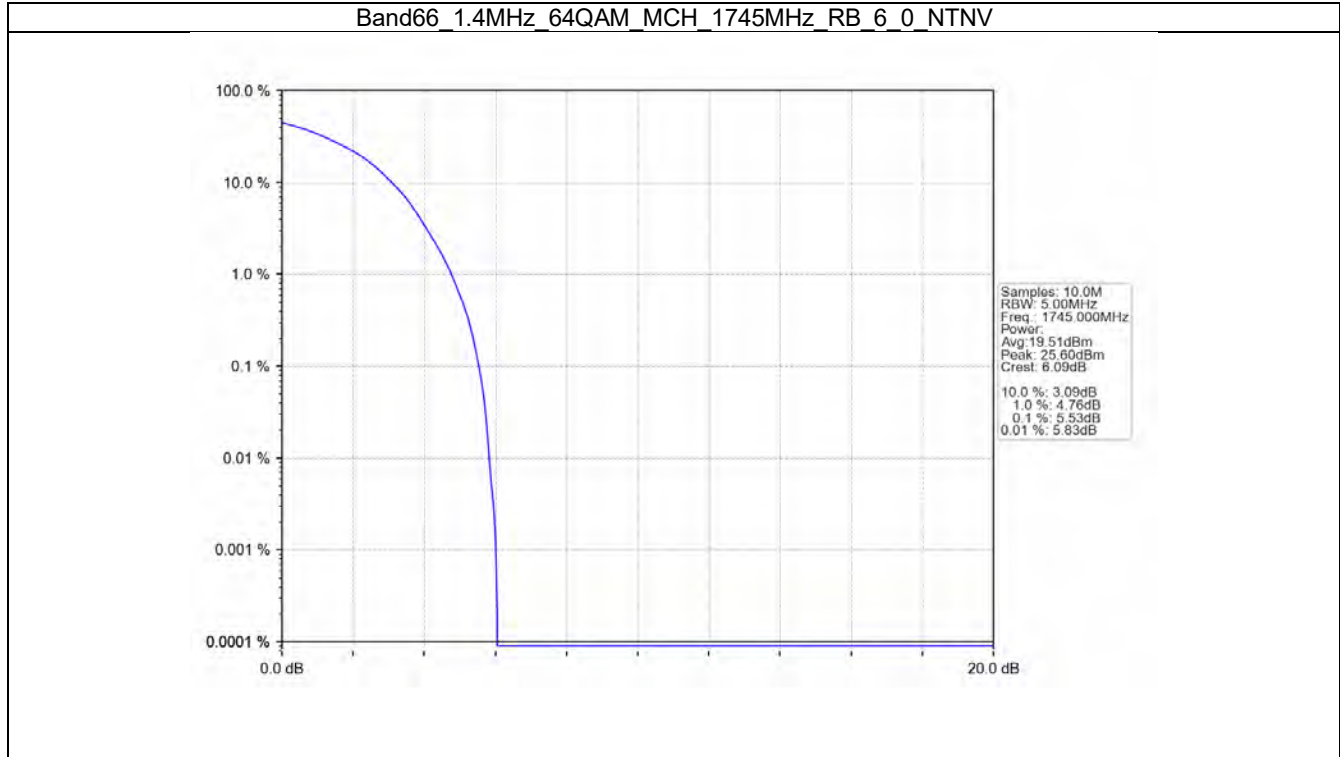


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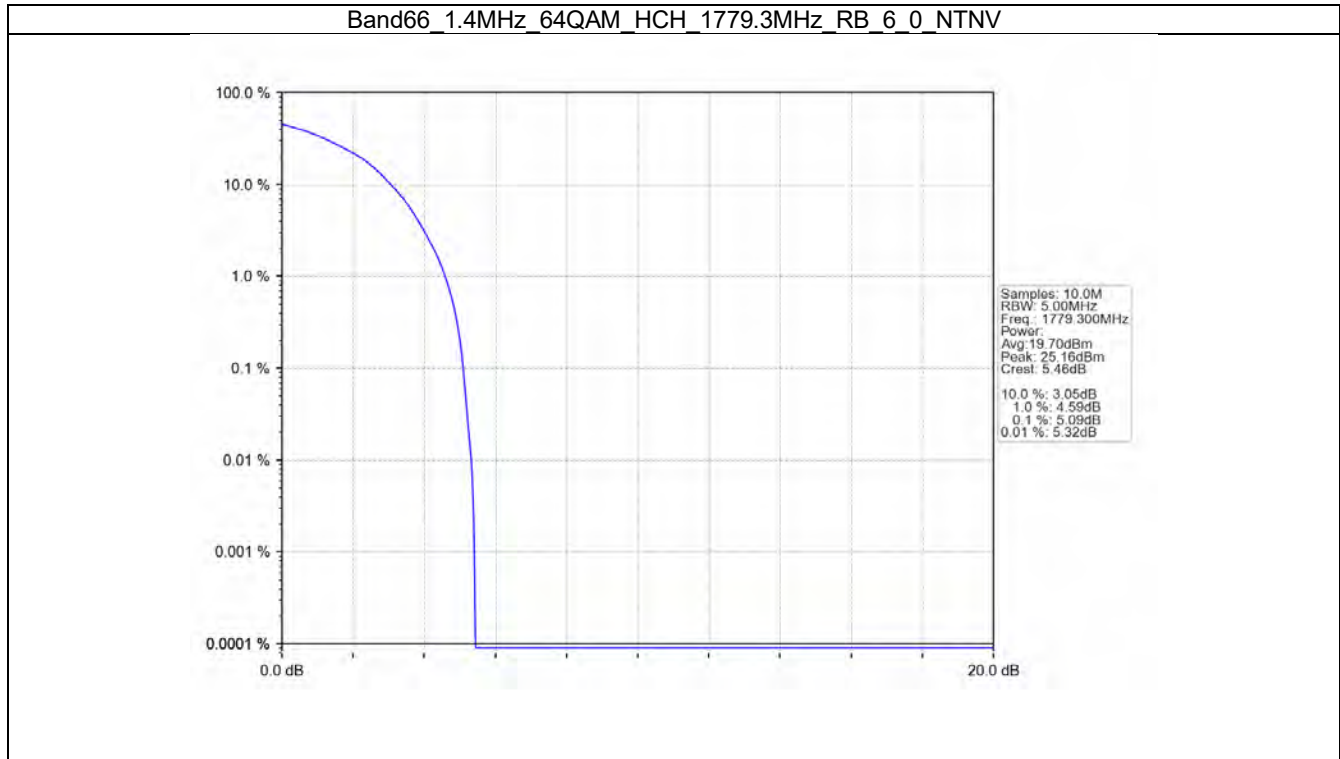
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## 4.2 B66\_3MHz

### 4.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.24	<=13	Pass
	1745	15	0	5.22	<=13	Pass
	1778.5	15	0	5.05	<=13	Pass
16QAM	1711.5	15	0	6.00	<=13	Pass
	1745	15	0	6.03	<=13	Pass
	1778.5	15	0	5.83	<=13	Pass
64QAM	1711.5	15	0	5.79	<=13	Pass
	1745	15	0	5.73	<=13	Pass
	1778.5	15	0	5.63	<=13	Pass



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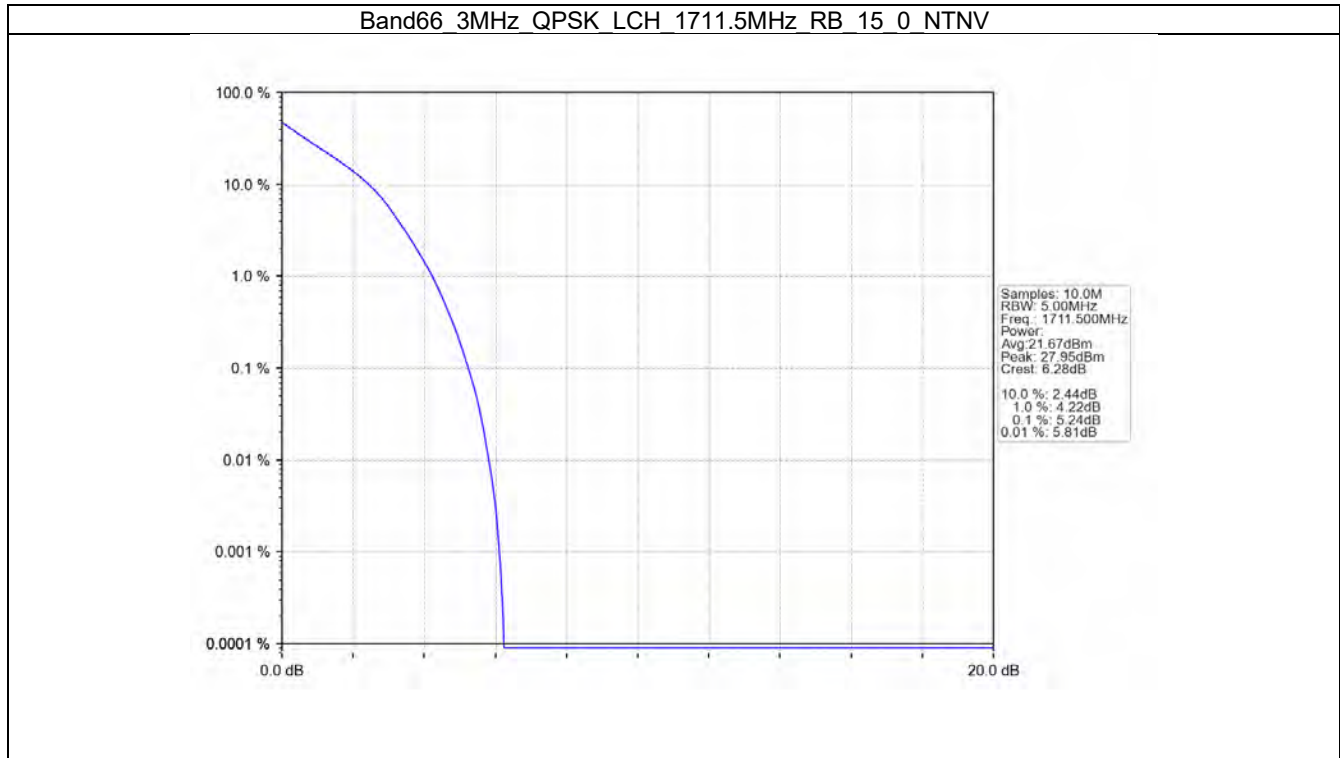
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4.2.2 Test Graph



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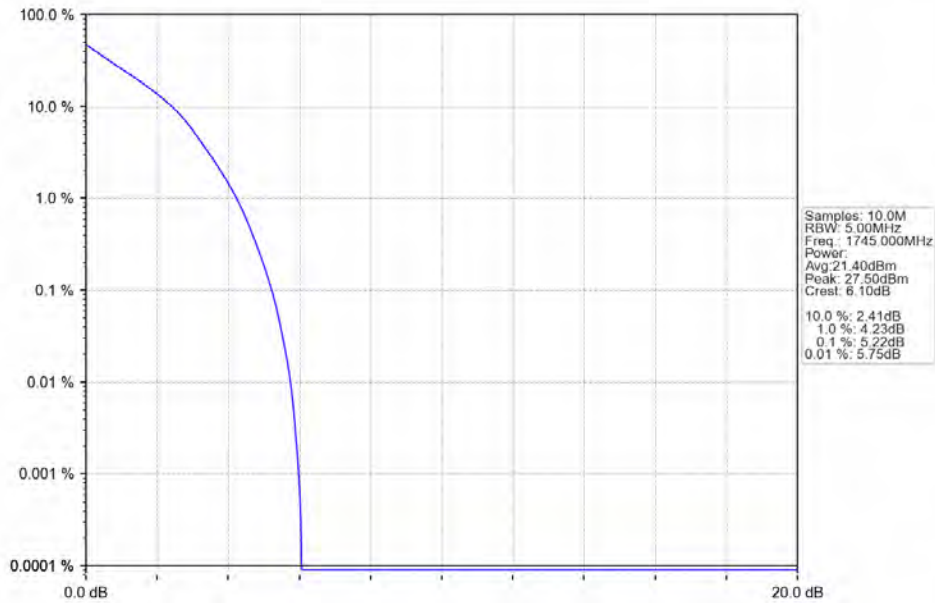
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Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_15\_0\_NTNV



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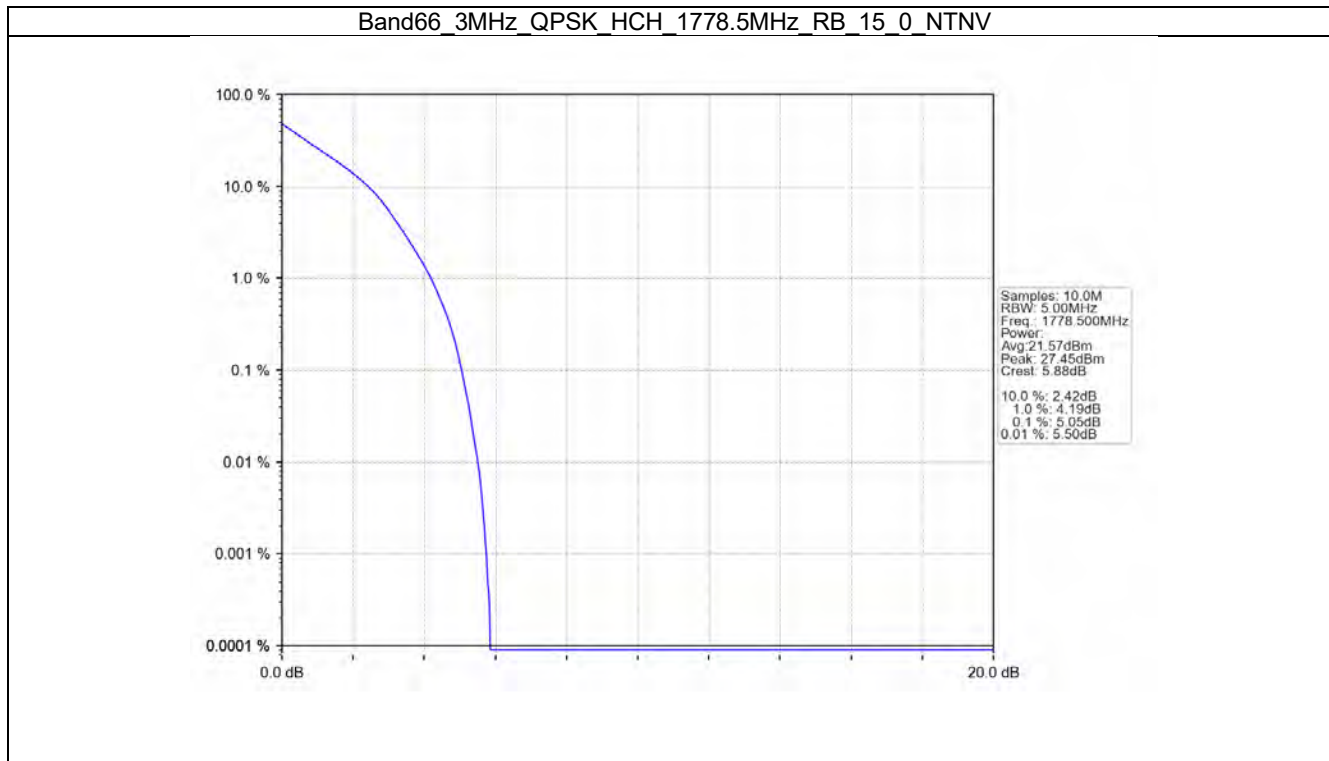
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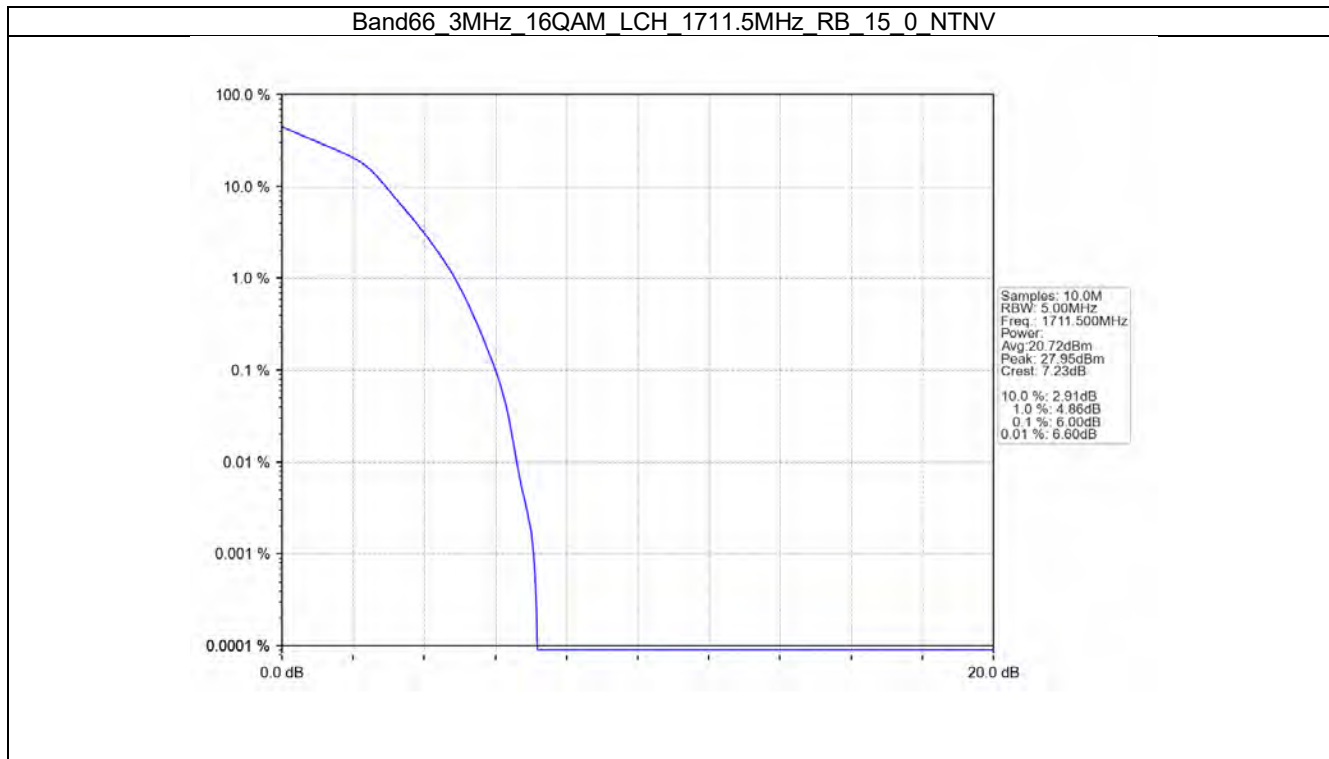
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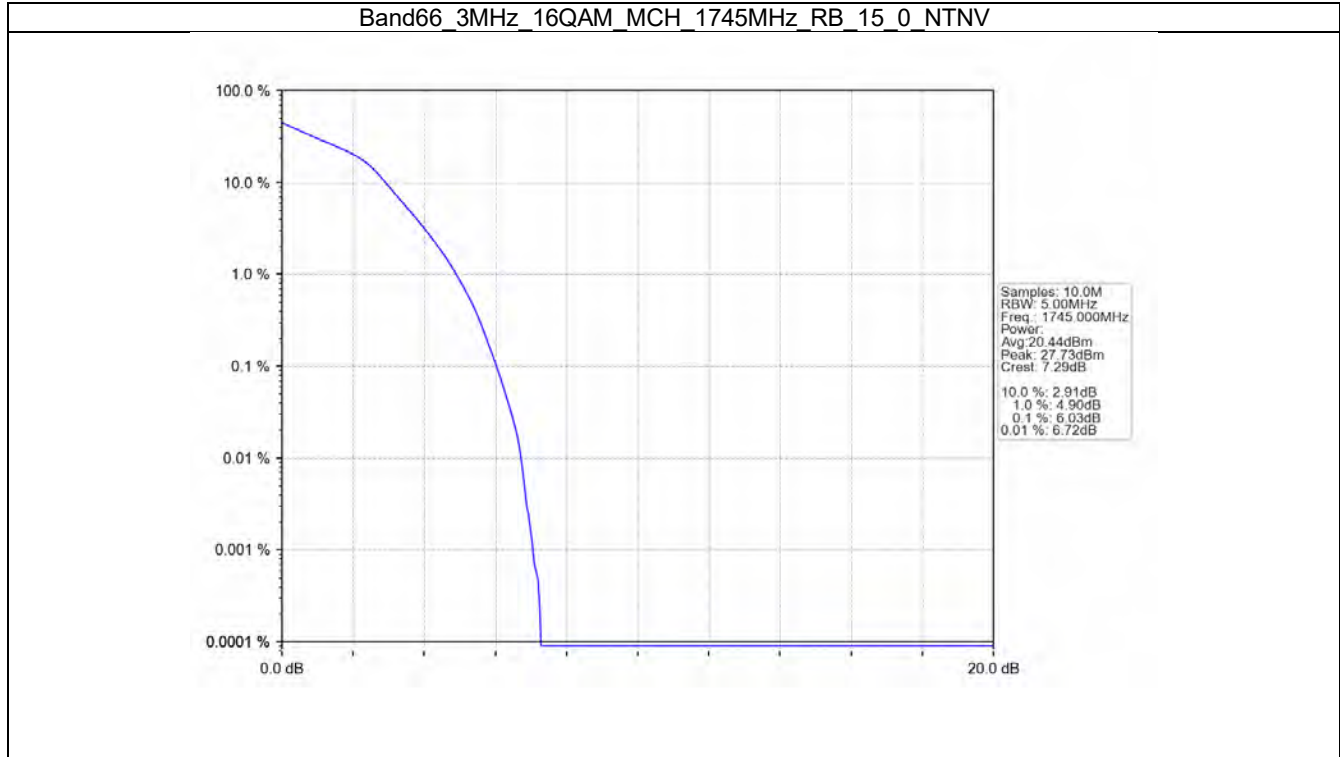


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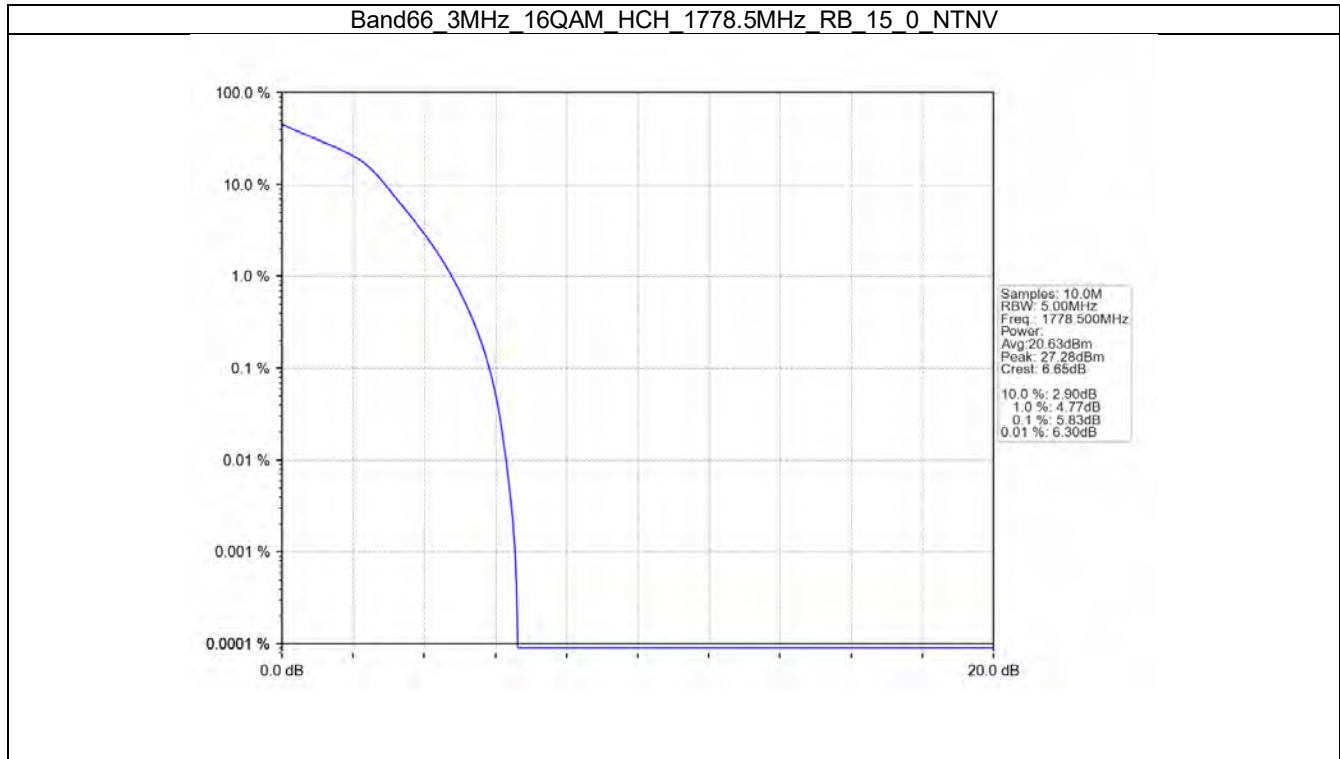


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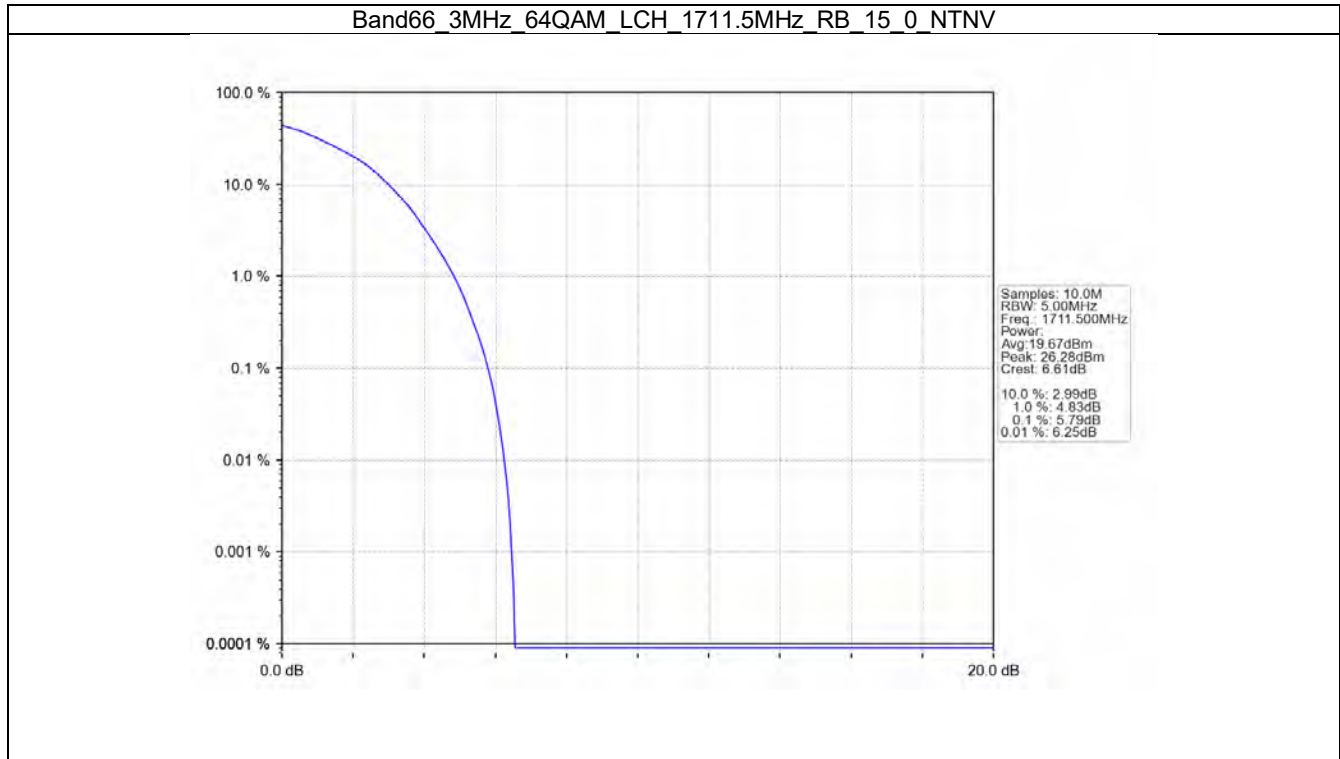


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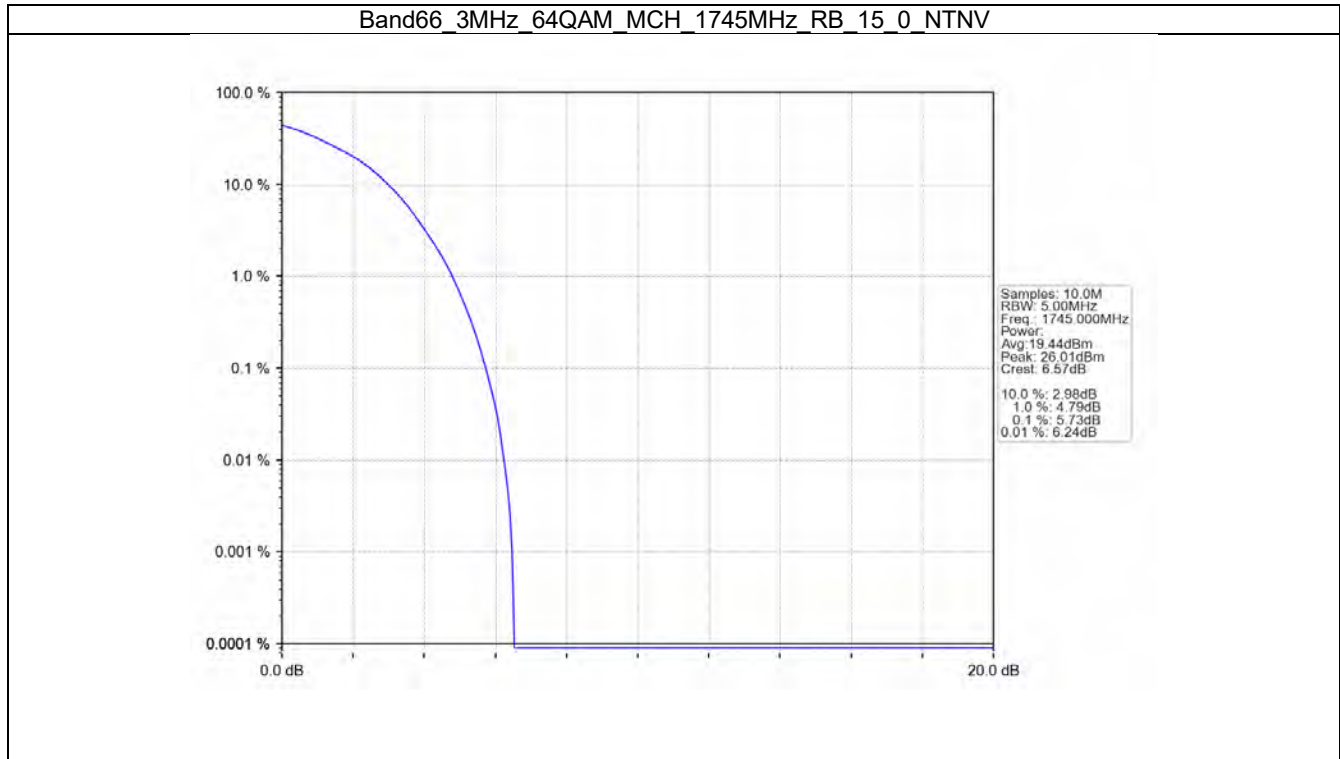


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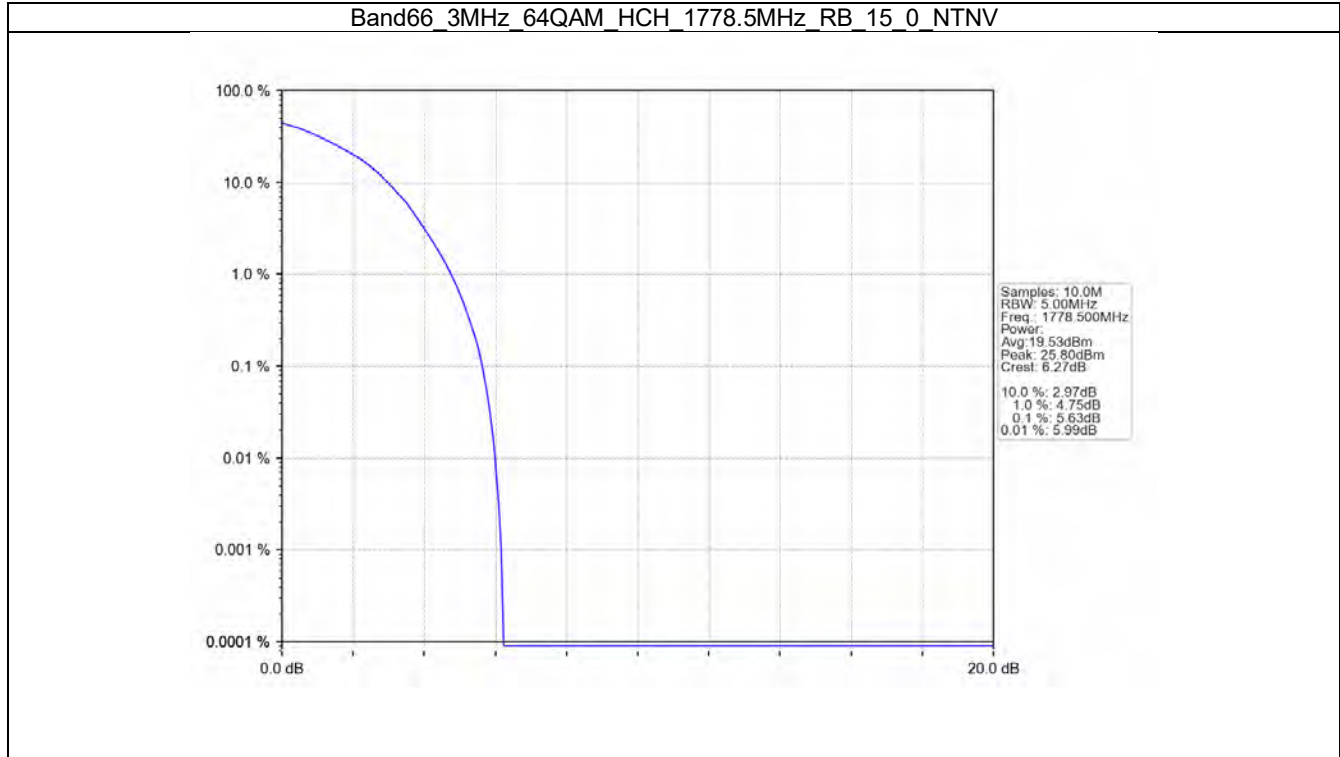
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## 4.3 B66\_5MHz

### 4.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.49	<=13	Pass
	1745	25	0	5.49	<=13	Pass
	1777.5	25	0	5.37	<=13	Pass
16QAM	1712.5	25	0	6.14	<=13	Pass
	1745	25	0	6.16	<=13	Pass
	1777.5	25	0	6.06	<=13	Pass
64QAM	1712.5	25	0	6.06	<=13	Pass
	1745	25	0	6.04	<=13	Pass
	1777.5	25	0	5.97	<=13	Pass



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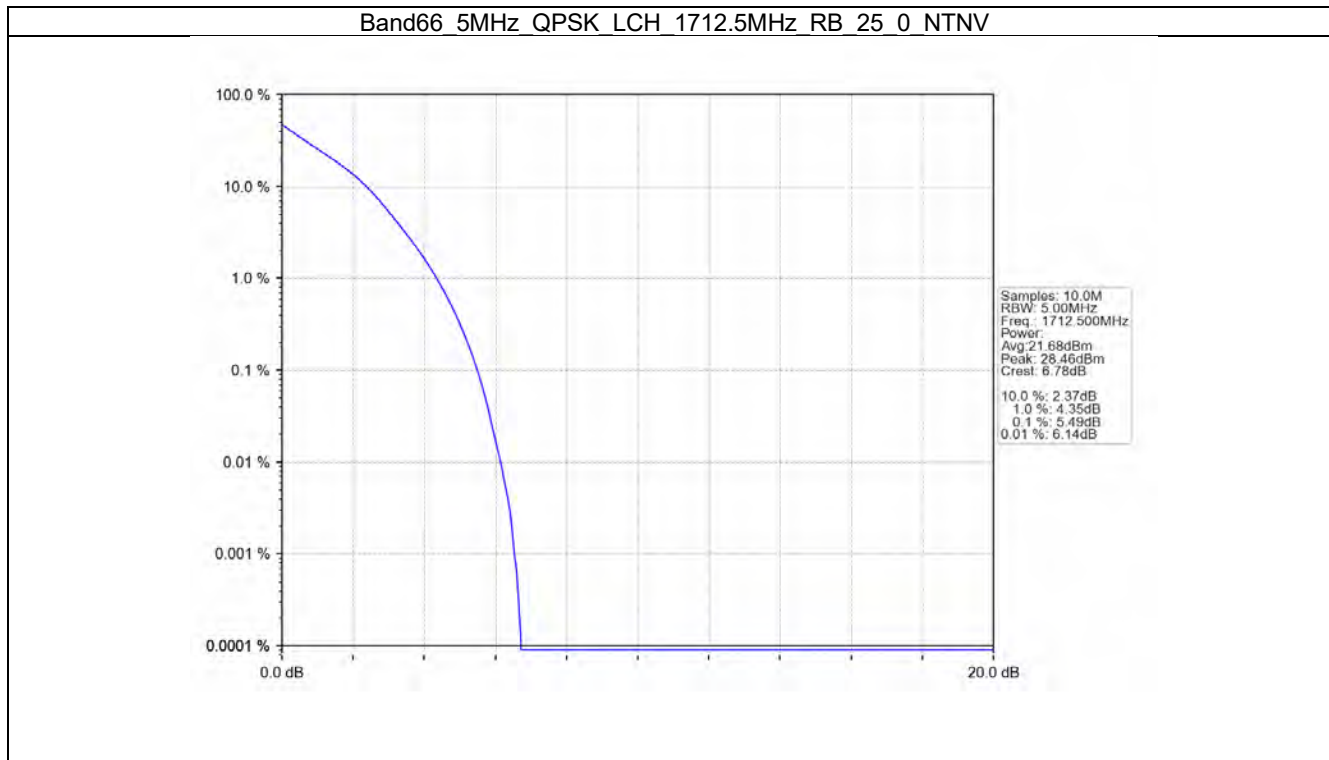
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4.3.2 Test Graph



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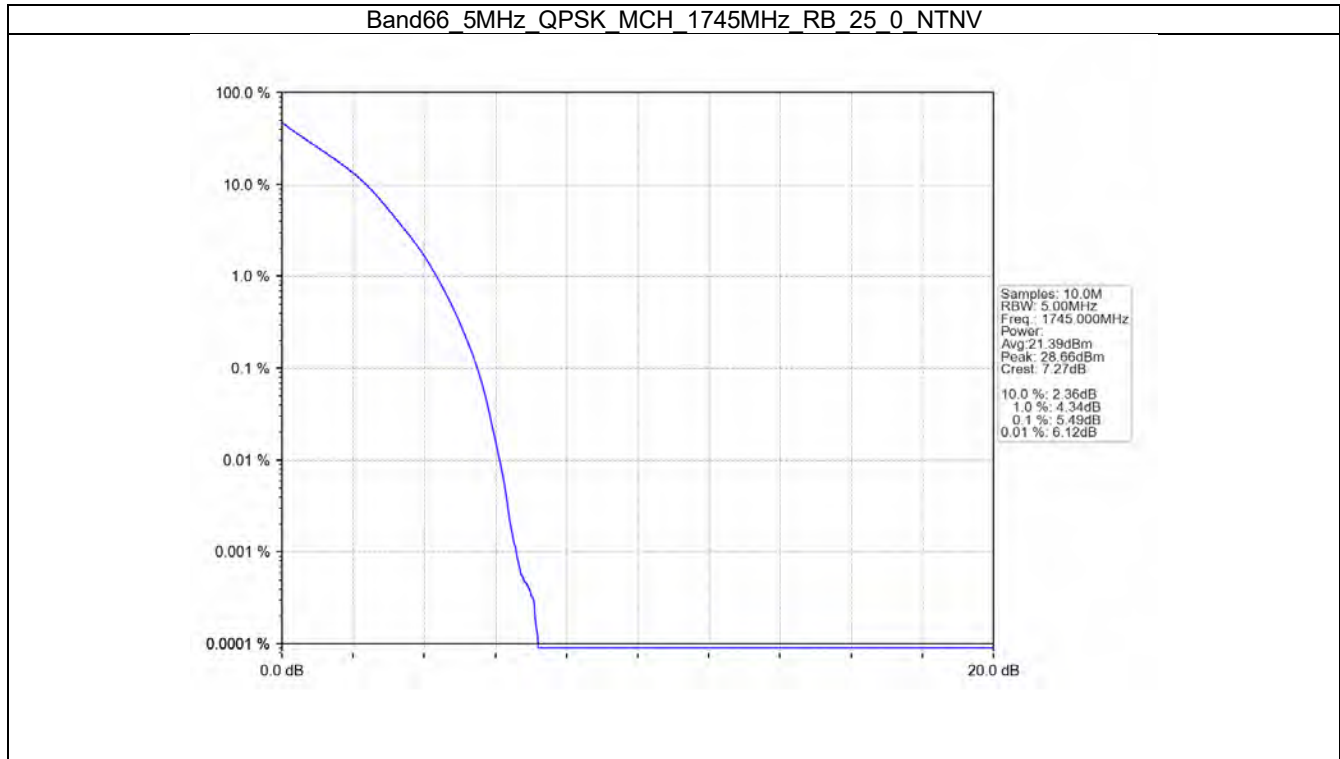
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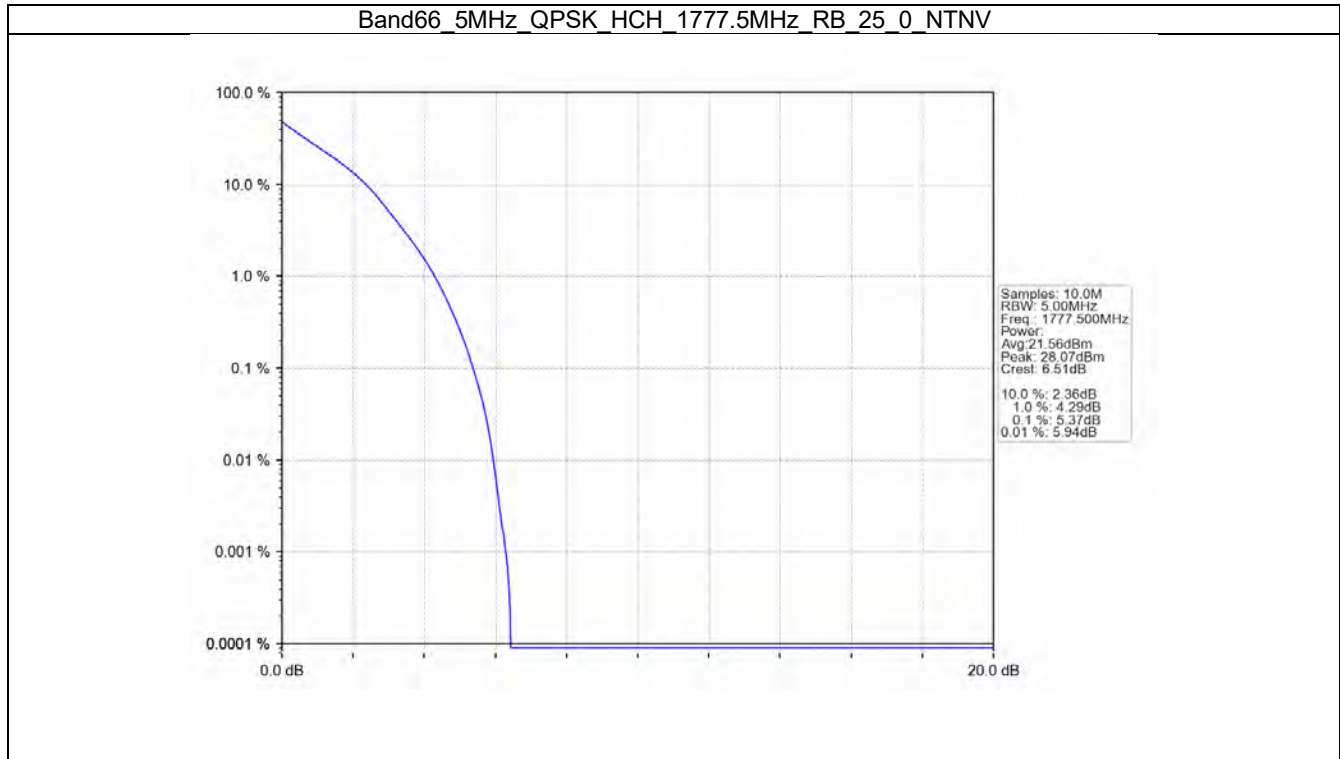


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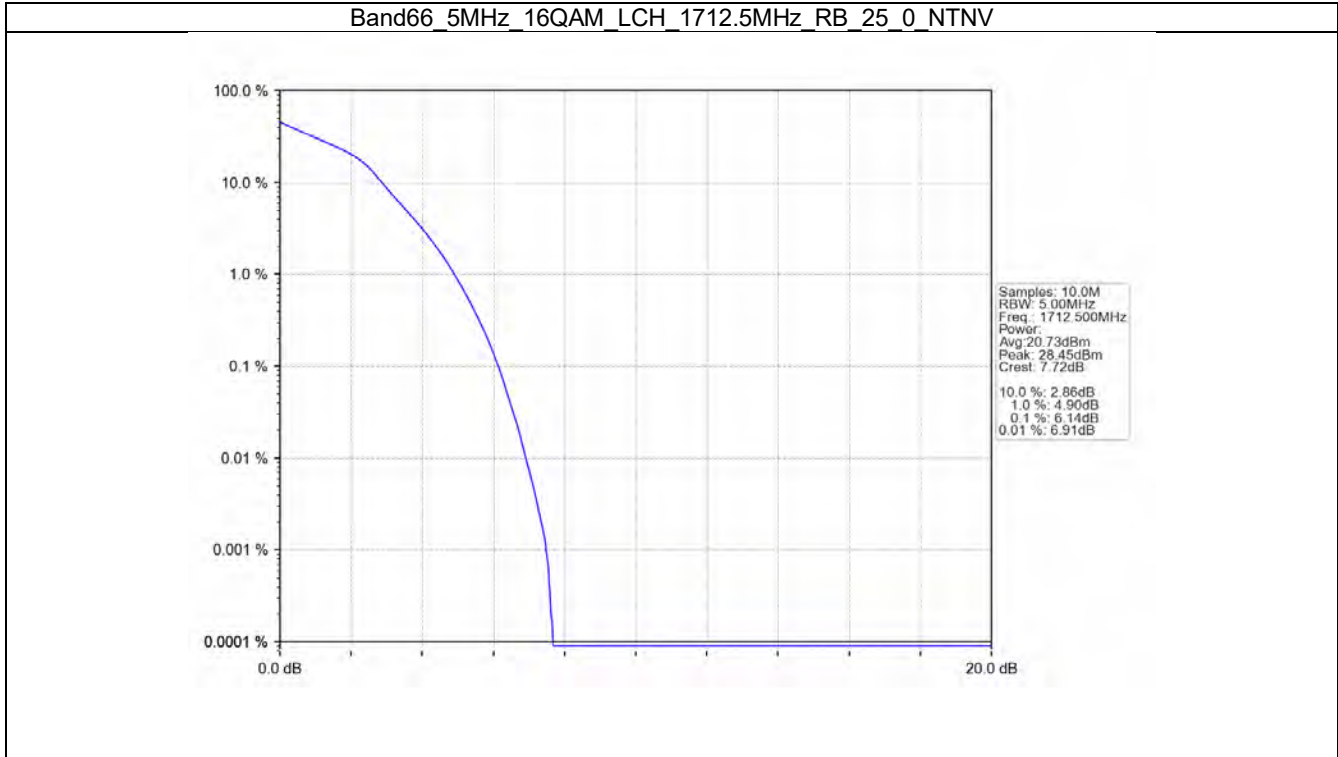


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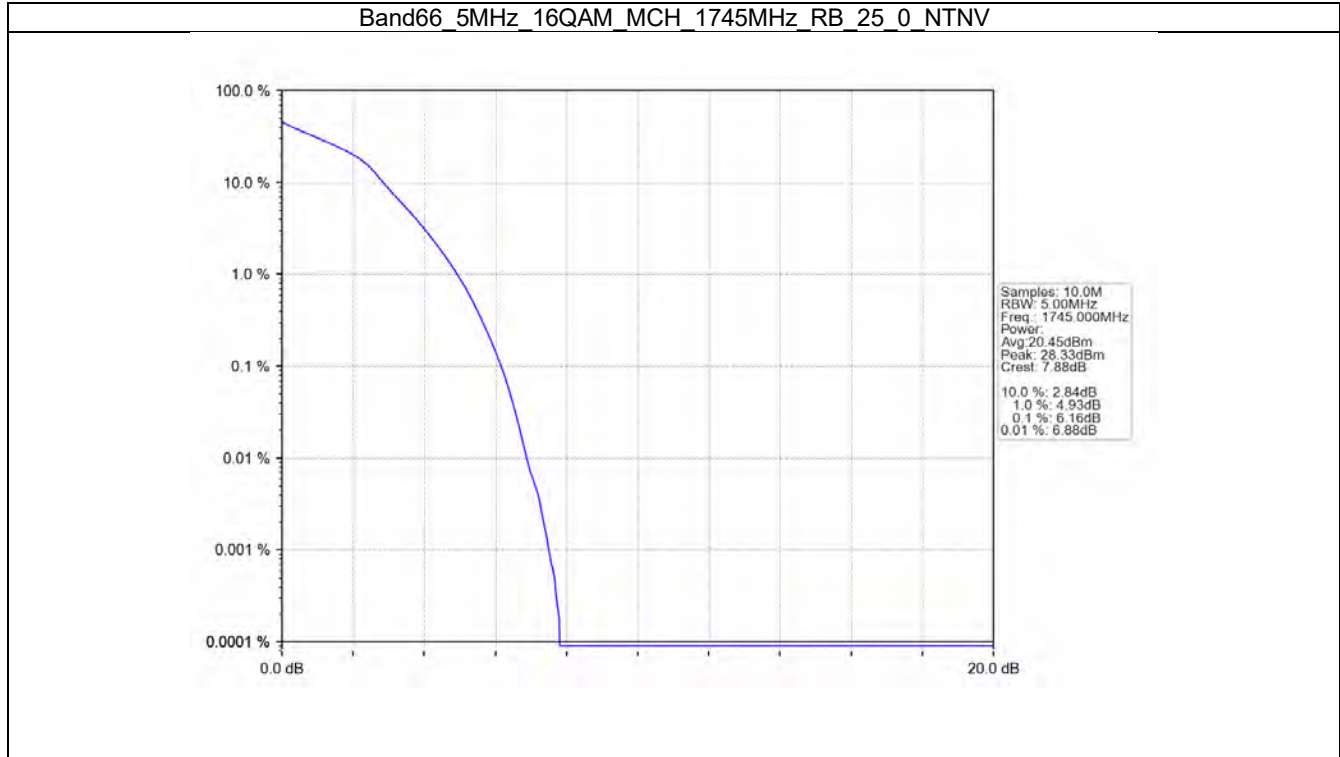


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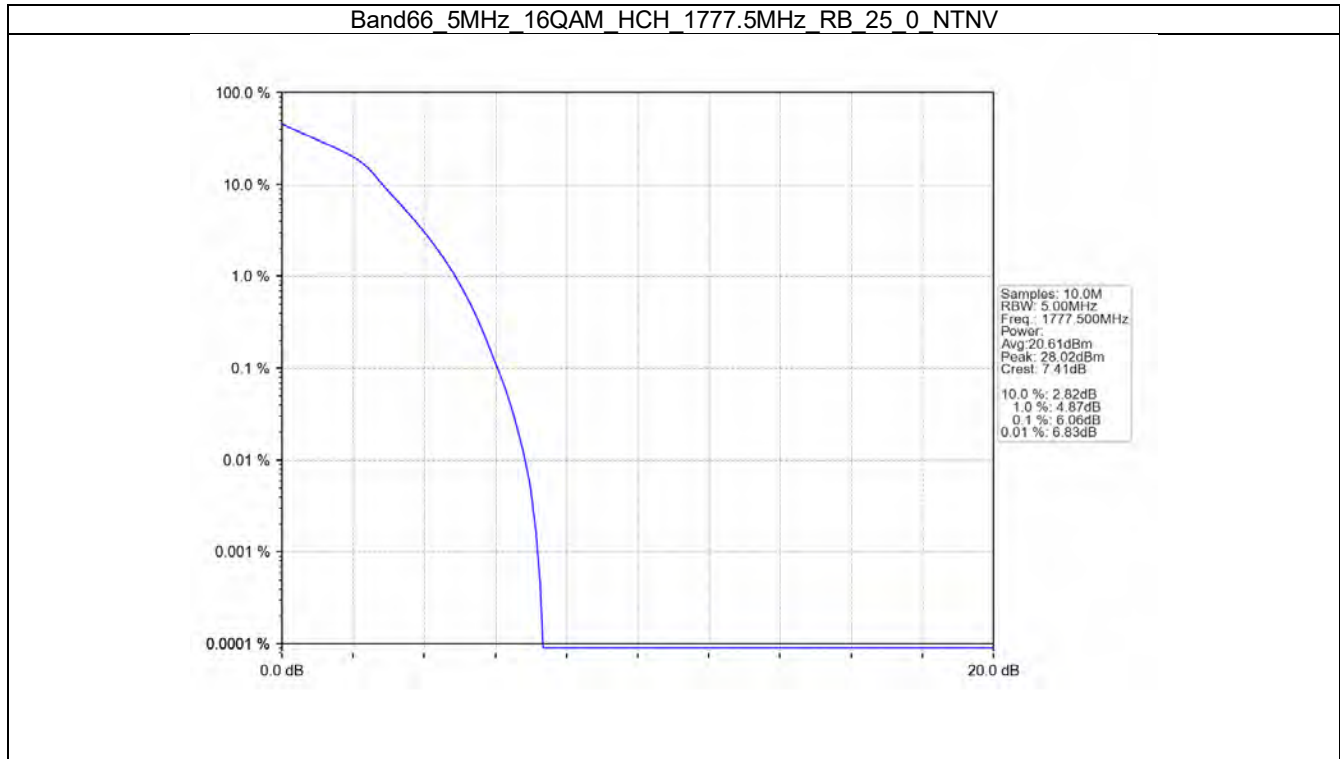
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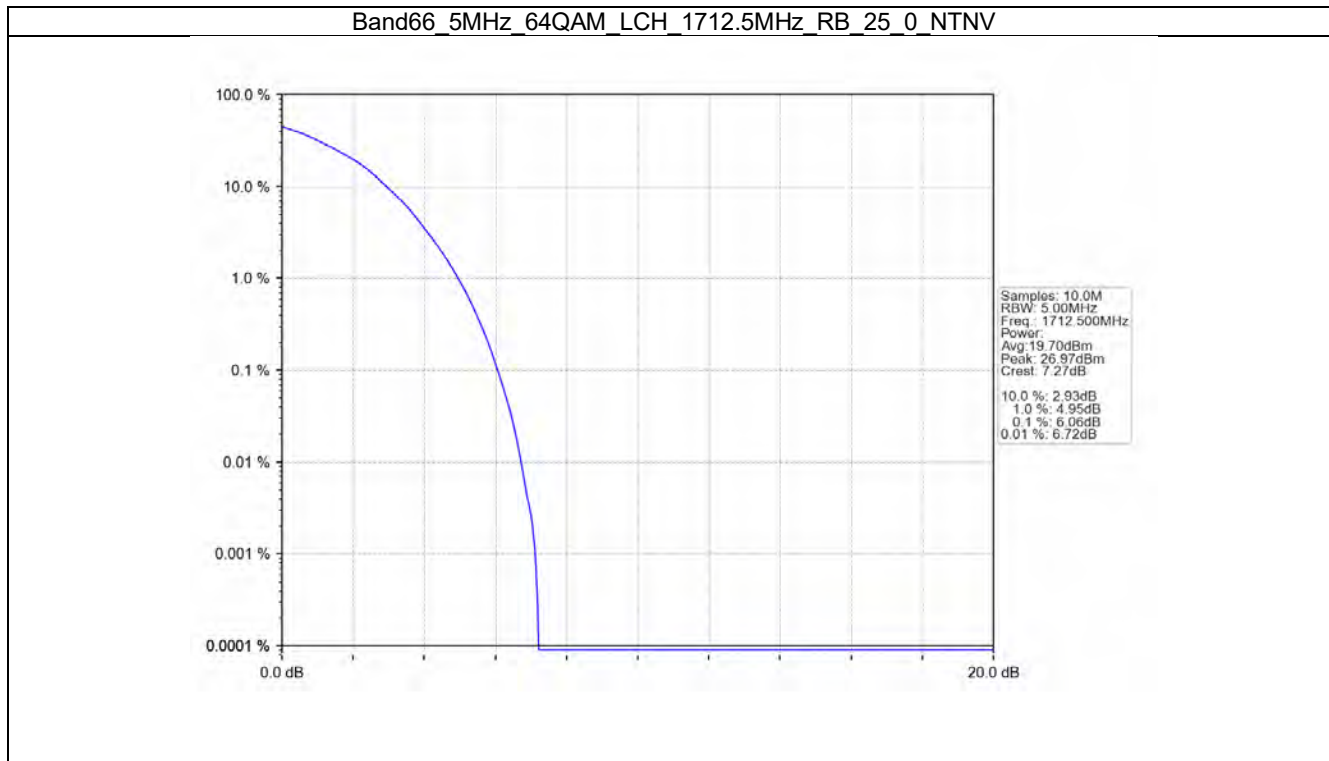
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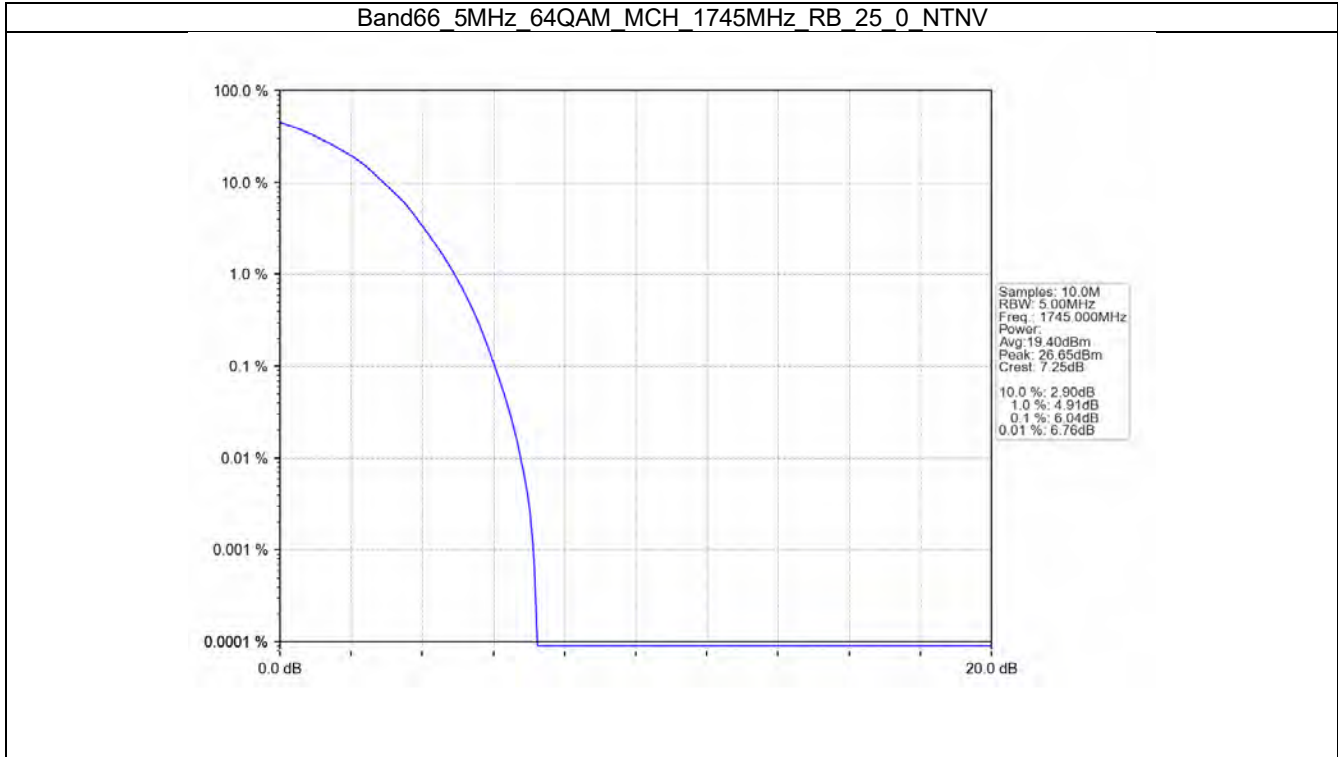


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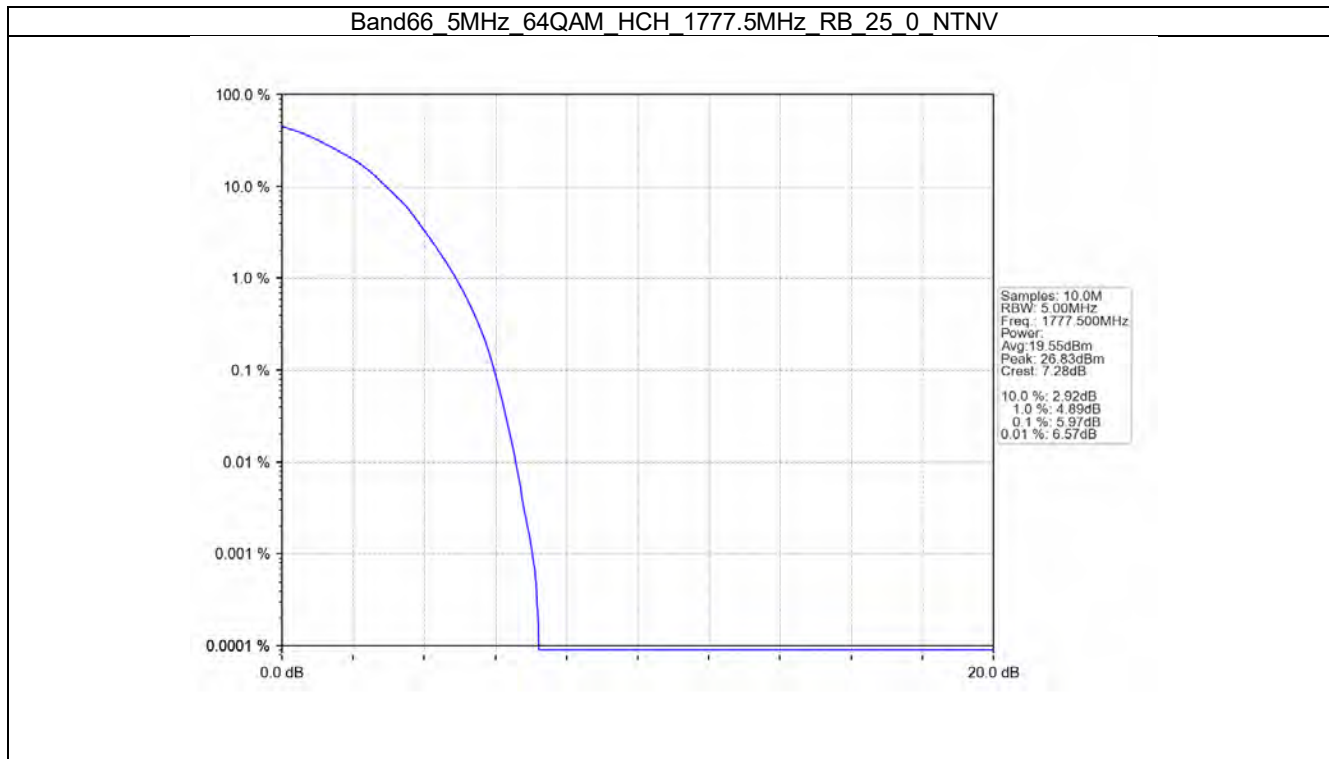
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## 4.4 B66\_10MHz

### 4.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.48	<=13	Pass
	1745	50	0	5.45	<=13	Pass
	1775	50	0	5.40	<=13	Pass
16QAM	1715	50	0	6.16	<=13	Pass
	1745	50	0	6.19	<=13	Pass
	1775	50	0	6.16	<=13	Pass
64QAM	1715	50	0	6.10	<=13	Pass
	1745	50	0	6.09	<=13	Pass
	1775	50	0	6.06	<=13	Pass



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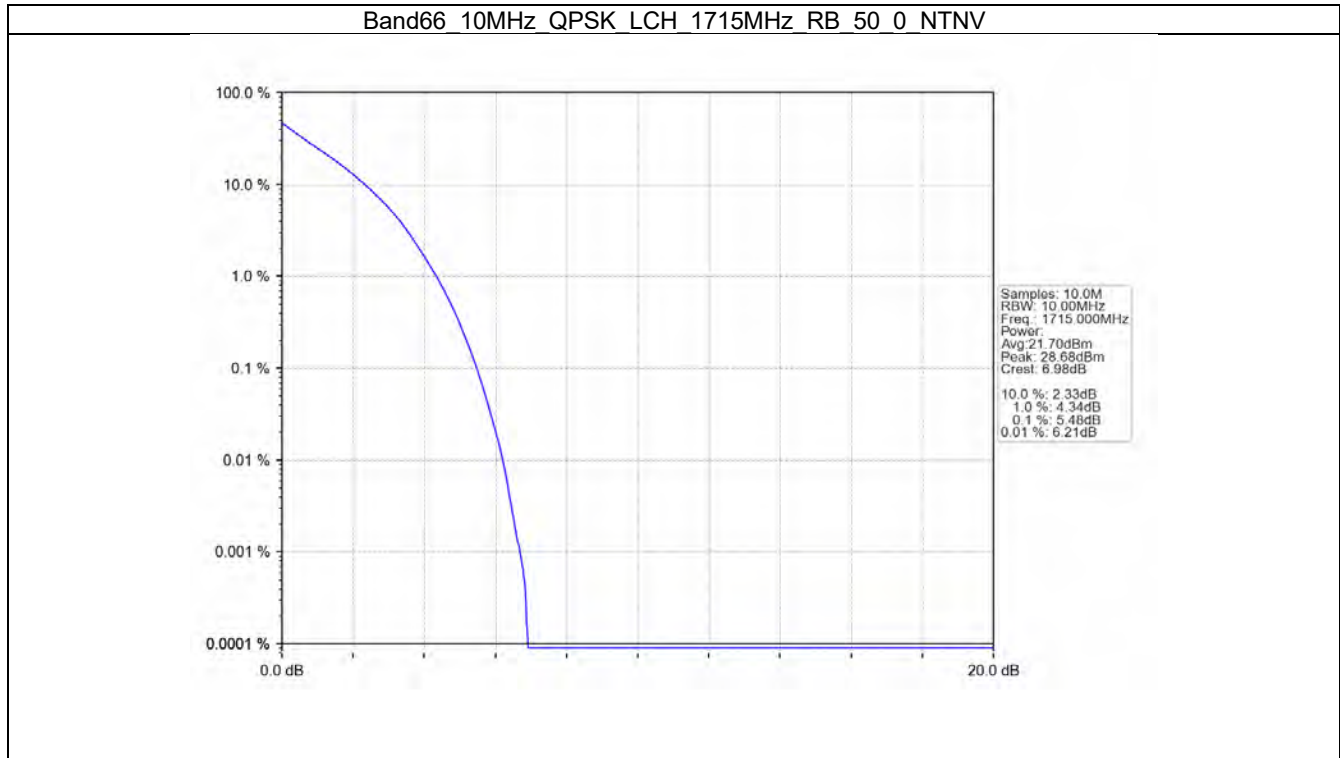
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4.4.2 Test Graph



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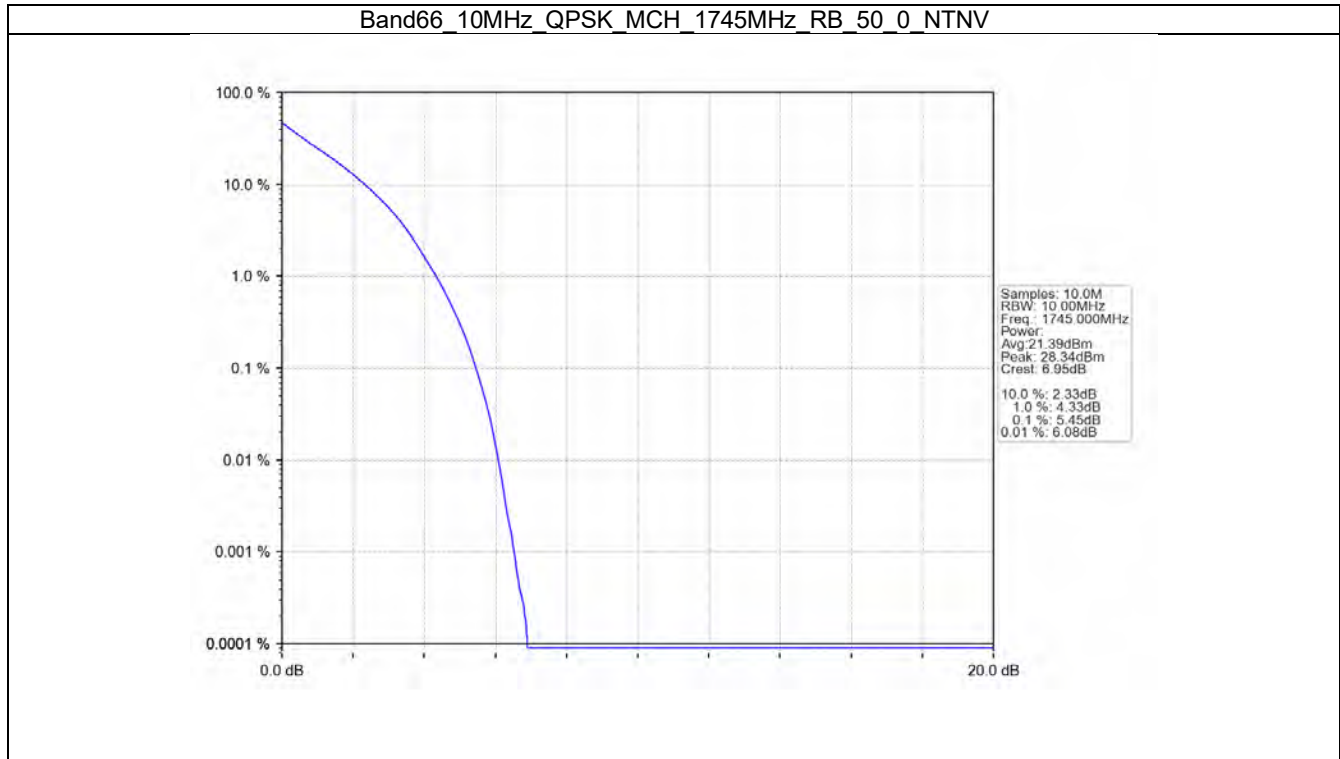


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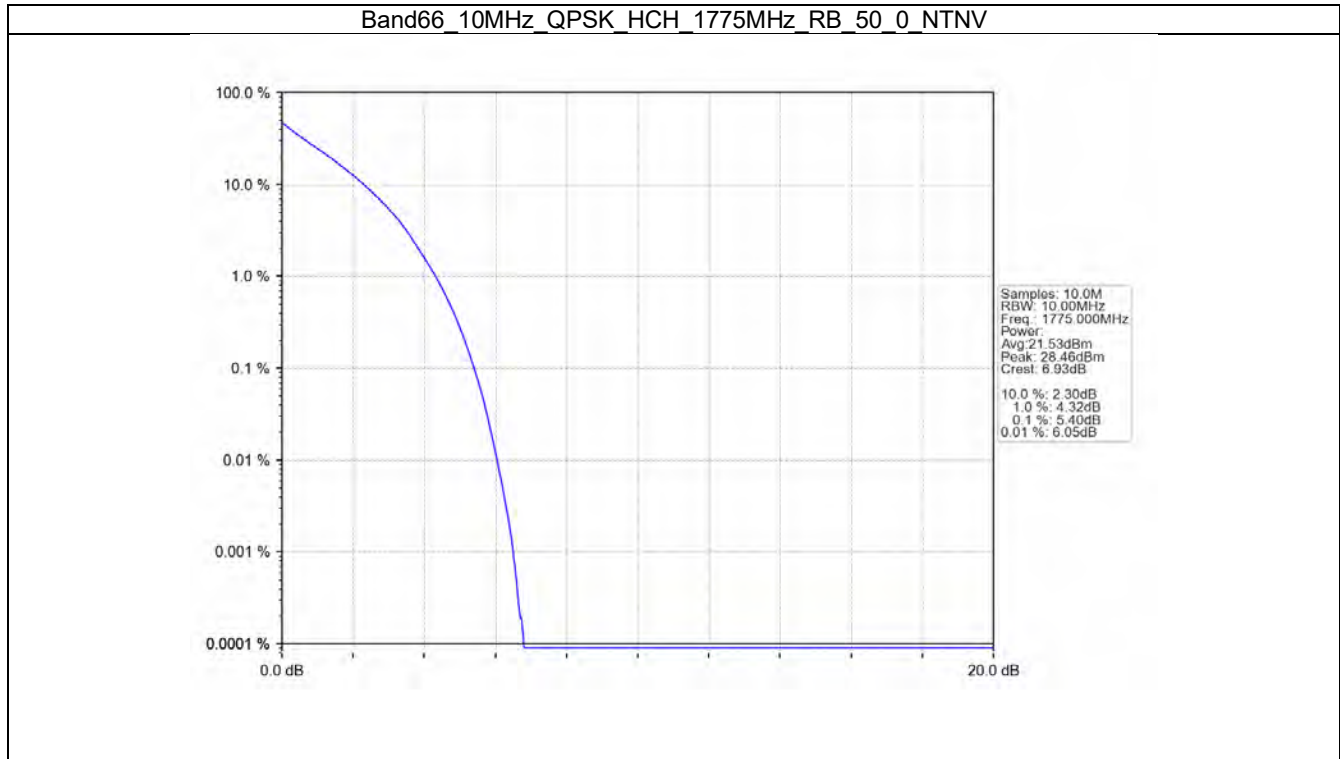


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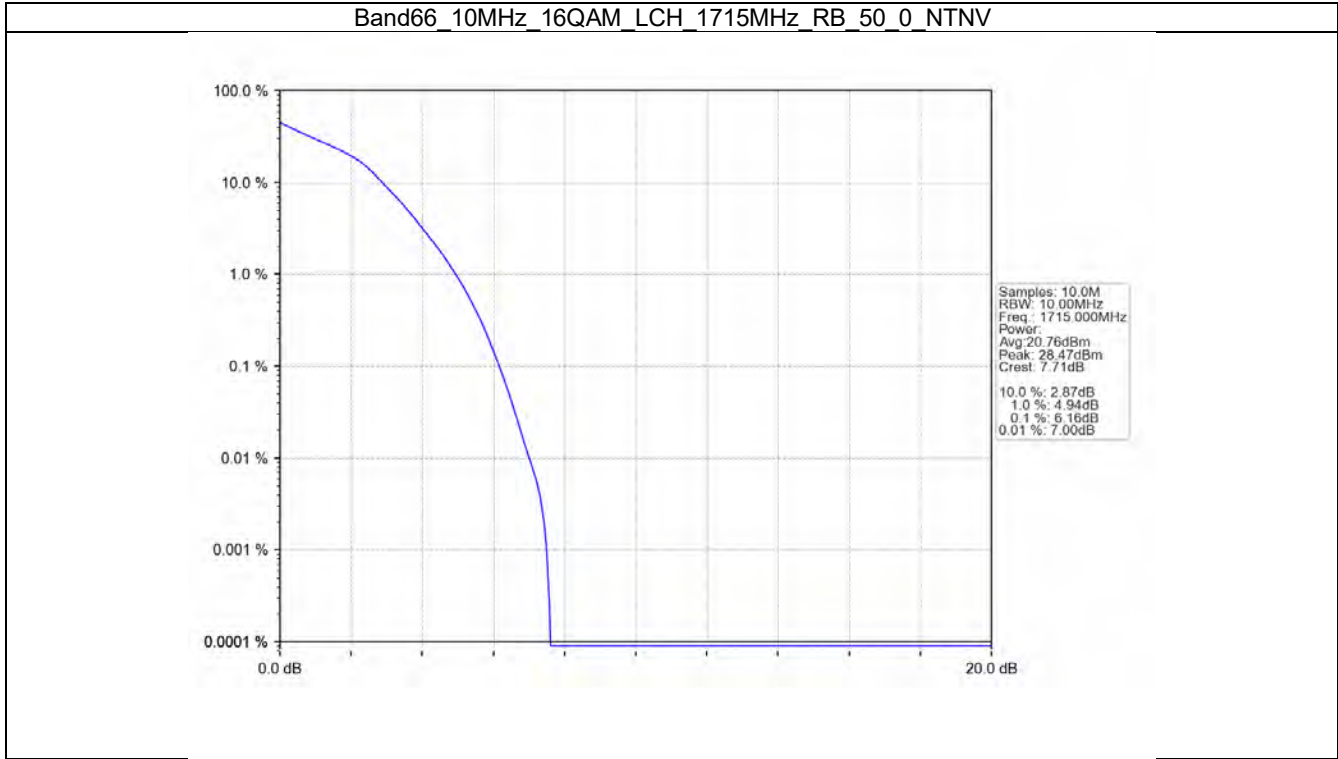


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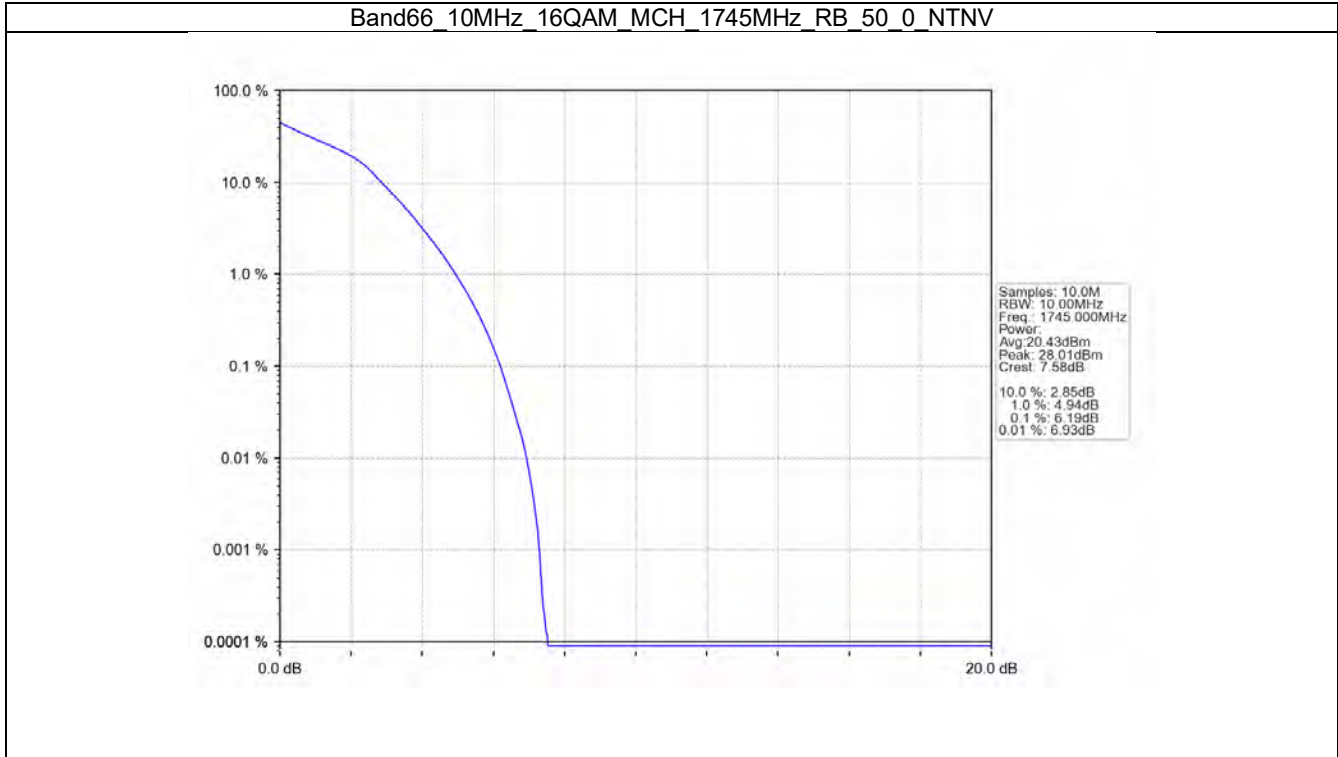


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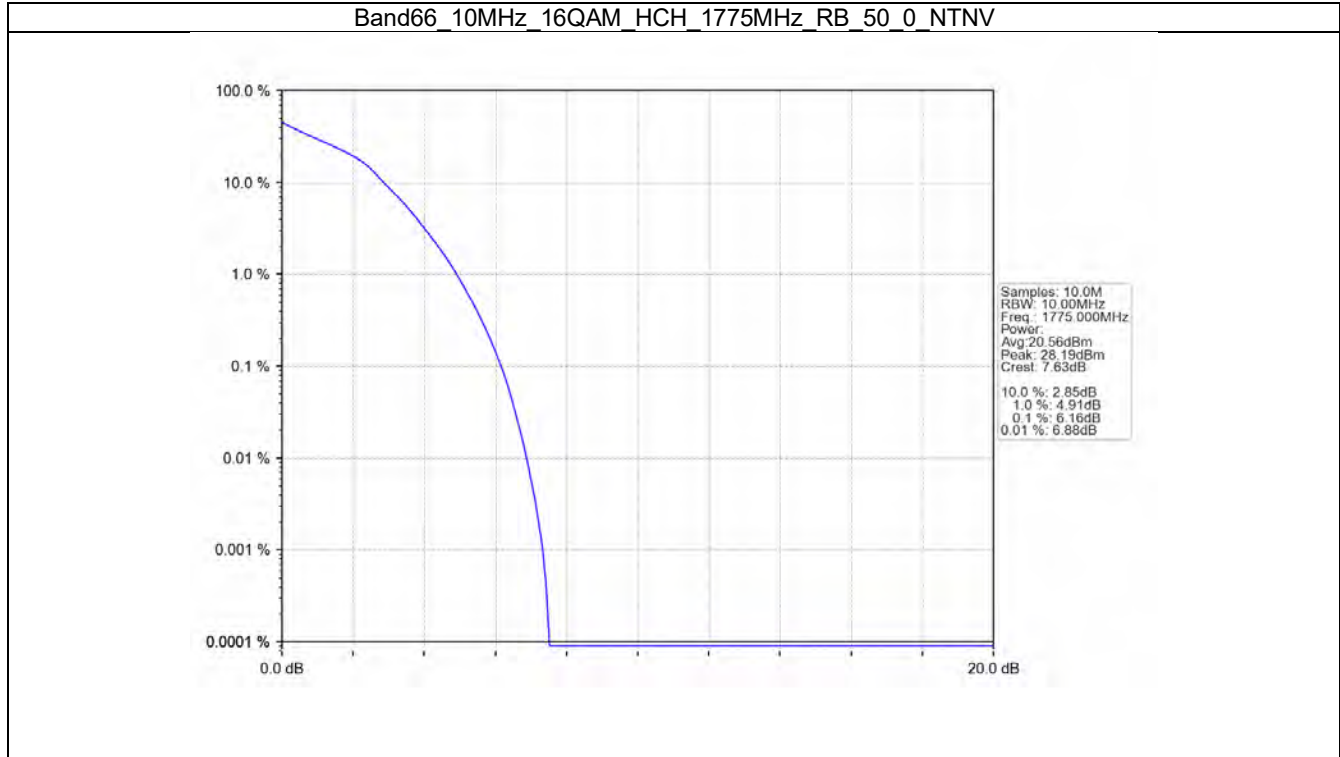


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