



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

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# Appendix B.12

## LTE Band 66



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 Shenzhen Branch, Dimensionless Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn  
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



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## 1. Effective (Isotropic) Radiated Power Output Data

### 1.1 B66\_1.4MHz\_EIRP

#### 1.1.1 Test Result\_Ant1

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	24.74	0.00	24.74	<=30	Pass	
			2	24.87	0.00	24.87	<=30	Pass	
			5	24.76	0.00	24.76	<=30	Pass	
		3	0	24.83	0.00	24.83	<=30	Pass	
			2	24.85	0.00	24.85	<=30	Pass	
			3	24.78	0.00	24.78	<=30	Pass	
		6	0	23.85	0.00	23.85	<=30	Pass	
			0	24.65	0.00	24.65	<=30	Pass	
			0	24.78	0.00	24.78	<=30	Pass	
	1745	1	2	24.65	0.00	24.65	<=30	Pass	
			5	24.65	0.00	24.65	<=30	Pass	
			0	24.65	0.00	24.65	<=30	Pass	
		3	2	24.68	0.00	24.68	<=30	Pass	
			3	24.67	0.00	24.67	<=30	Pass	
			0	23.70	0.00	23.70	<=30	Pass	
		1779.3	1	0	25.01	0.00	25.01	<=30	Pass
				2	25.12	0.00	25.12	<=30	Pass
				5	24.99	0.00	24.99	<=30	Pass
	3		0	24.99	0.00	24.99	<=30	Pass	
			2	25.04	0.00	25.04	<=30	Pass	
			3	24.97	0.00	24.97	<=30	Pass	
	6	0	24.09	0.00	24.09	<=30	Pass		
	16QAM	1710.7	1	0	23.83	0.00	23.83	<=30	Pass
				2	23.99	0.00	23.99	<=30	Pass
5				23.87	0.00	23.87	<=30	Pass	
3			0	23.70	0.00	23.70	<=30	Pass	
			2	23.75	0.00	23.75	<=30	Pass	
			3	23.75	0.00	23.75	<=30	Pass	
6			0	22.82	0.00	22.82	<=30	Pass	
			0	23.59	0.00	23.59	<=30	Pass	
			2	23.71	0.00	23.71	<=30	Pass	
1745		1	5	23.62	0.00	23.62	<=30	Pass	
			0	23.67	0.00	23.67	<=30	Pass	
			2	23.68	0.00	23.68	<=30	Pass	
		3	3	23.65	0.00	23.65	<=30	Pass	
			0	22.59	0.00	22.59	<=30	Pass	
			0	23.89	0.00	23.89	<=30	Pass	
		1779.3	1	2	23.98	0.00	23.98	<=30	Pass
				5	23.89	0.00	23.89	<=30	Pass
				0	24.07	0.00	24.07	<=30	Pass



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			2	24.12	0.00	24.12	<=30	Pass
			3	24.09	0.00	24.09	<=30	Pass
		6	0	23.01	0.00	23.01	<=30	Pass
64QAM	1710.7	1	0	22.78	0.00	22.78	<=30	Pass
			2	22.92	0.00	22.92	<=30	Pass
			5	22.76	0.00	22.76	<=30	Pass
		3	0	22.97	0.00	22.97	<=30	Pass
			2	22.99	0.00	22.99	<=30	Pass
			3	22.94	0.00	22.94	<=30	Pass
	6	0	22.00	0.00	22.00	<=30	Pass	
	1745	1	0	22.46	0.00	22.46	<=30	Pass
			2	22.52	0.00	22.52	<=30	Pass
			5	22.43	0.00	22.43	<=30	Pass
		3	0	22.58	0.00	22.58	<=30	Pass
			2	22.62	0.00	22.62	<=30	Pass
			3	22.58	0.00	22.58	<=30	Pass
	6	0	21.69	0.00	21.69	<=30	Pass	
	1779.3	1	0	23.20	0.00	23.20	<=30	Pass
			2	23.33	0.00	23.33	<=30	Pass
			5	23.20	0.00	23.20	<=30	Pass
		3	0	23.14	0.00	23.14	<=30	Pass
			2	23.20	0.00	23.20	<=30	Pass
			3	23.15	0.00	23.15	<=30	Pass
	6	0	21.98	0.00	21.98	<=30	Pass	
Note 1: EIRP=Conducted Power+Antenna Gain								



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 Shenzhen Branch Wireless Laboratory

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## 1.2 B66\_3MHz\_EIRP

### 1.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNv										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1711.5	1	0	24.81	0.00	24.81	<=30	Pass		
			7	25.02	0.00	25.02	<=30	Pass		
			14	24.83	0.00	24.83	<=30	Pass		
		8	0	23.81	0.00	23.81	<=30	Pass		
			4	23.86	0.00	23.86	<=30	Pass		
			7	23.84	0.00	23.84	<=30	Pass		
		15	0	23.78	0.00	23.78	<=30	Pass		
		1745	1	0	24.64	0.00	24.64	<=30	Pass	
				7	24.81	0.00	24.81	<=30	Pass	
	14			24.65	0.00	24.65	<=30	Pass		
	8		0	23.68	0.00	23.68	<=30	Pass		
			4	23.71	0.00	23.71	<=30	Pass		
			7	23.68	0.00	23.68	<=30	Pass		
	15		0	23.69	0.00	23.69	<=30	Pass		
	1778.5		1	0	25.14	0.00	25.14	<=30	Pass	
				7	25.30	0.00	25.30	<=30	Pass	
		14		25.14	0.00	25.14	<=30	Pass		
		8	0	24.16	0.00	24.16	<=30	Pass		
			4	24.19	0.00	24.19	<=30	Pass		
			7	24.16	0.00	24.16	<=30	Pass		
		15	0	24.09	0.00	24.09	<=30	Pass		
		16QAM	1711.5	1	0	24.23	0.00	24.23	<=30	Pass
					7	24.41	0.00	24.41	<=30	Pass
	14				24.27	0.00	24.27	<=30	Pass	
8	0			22.90	0.00	22.90	<=30	Pass		
	4			22.98	0.00	22.98	<=30	Pass		
	7			22.96	0.00	22.96	<=30	Pass		
15	0			22.85	0.00	22.85	<=30	Pass		
1745	1			0	23.79	0.00	23.79	<=30	Pass	
				7	23.97	0.00	23.97	<=30	Pass	
			14	23.82	0.00	23.82	<=30	Pass		
	8		0	22.61	0.00	22.61	<=30	Pass		
			4	22.64	0.00	22.64	<=30	Pass		
			7	22.64	0.00	22.64	<=30	Pass		
	15		0	22.63	0.00	22.63	<=30	Pass		
	1778.5		1	0	24.51	0.00	24.51	<=30	Pass	
				7	24.65	0.00	24.65	<=30	Pass	
14				24.49	0.00	24.49	<=30	Pass		
8			0	23.22	0.00	23.22	<=30	Pass		
			4	23.27	0.00	23.27	<=30	Pass		
			7	23.22	0.00	23.22	<=30	Pass		



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64QAM	1711.5	15	0	23.10	0.00	23.10	<=30	Pass	
			1	0	22.97	0.00	22.97	<=30	Pass
				7	23.17	0.00	23.17	<=30	Pass
		8	14	23.01	0.00	23.01	<=30	Pass	
			0	21.92	0.00	21.92	<=30	Pass	
			4	21.97	0.00	21.97	<=30	Pass	
		1745	15	7	21.96	0.00	21.96	<=30	Pass
				0	21.77	0.00	21.77	<=30	Pass
				1	0	22.66	0.00	22.66	<=30
	7		22.77		0.00	22.77	<=30	Pass	
	14		22.52		0.00	22.52	<=30	Pass	
	8		0	21.79	0.00	21.79	<=30	Pass	
			4	21.82	0.00	21.82	<=30	Pass	
			7	21.74	0.00	21.74	<=30	Pass	
	1778.5		15	0	21.73	0.00	21.73	<=30	Pass
		1		0	23.25	0.00	23.25	<=30	Pass
				7	23.42	0.00	23.42	<=30	Pass
			14	23.25	0.00	23.25	<=30	Pass	
		8	0	22.20	0.00	22.20	<=30	Pass	
			4	22.23	0.00	22.23	<=30	Pass	
			7	22.19	0.00	22.19	<=30	Pass	
		15	0	22.06	0.00	22.06	<=30	Pass	

Note1: EIRP=Conducted Power+Antenna Gain



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## 1.3 B66\_5MHz\_EIRP

### 1.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNv										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1712.5	1	0	24.81	0.00	24.81	<=30	Pass		
			13	24.99	0.00	24.99	<=30	Pass		
			24	24.87	0.00	24.87	<=30	Pass		
		12	0	23.84	0.00	23.84	<=30	Pass		
			6	23.95	0.00	23.95	<=30	Pass		
			13	23.90	0.00	23.90	<=30	Pass		
		25	0	23.88	0.00	23.88	<=30	Pass		
		1745	1	0	24.64	0.00	24.64	<=30	Pass	
				13	24.77	0.00	24.77	<=30	Pass	
	24			24.66	0.00	24.66	<=30	Pass		
	12		0	23.68	0.00	23.68	<=30	Pass		
			6	23.75	0.00	23.75	<=30	Pass		
			13	23.71	0.00	23.71	<=30	Pass		
	25		0	23.73	0.00	23.73	<=30	Pass		
	1777.5		1	0	25.01	0.00	25.01	<=30	Pass	
				13	25.16	0.00	25.16	<=30	Pass	
		24		25.05	0.00	25.05	<=30	Pass		
		12	0	24.11	0.00	24.11	<=30	Pass		
			6	24.12	0.00	24.12	<=30	Pass		
			13	24.08	0.00	24.08	<=30	Pass		
		25	0	24.05	0.00	24.05	<=30	Pass		
		16QAM	1712.5	1	0	23.64	0.00	23.64	<=30	Pass
					13	23.79	0.00	23.79	<=30	Pass
	24				23.67	0.00	23.67	<=30	Pass	
12	0			22.80	0.00	22.80	<=30	Pass		
	6			22.90	0.00	22.90	<=30	Pass		
	13			22.91	0.00	22.91	<=30	Pass		
25	0			22.87	0.00	22.87	<=30	Pass		
1745	1			0	23.85	0.00	23.85	<=30	Pass	
				13	23.98	0.00	23.98	<=30	Pass	
			24	23.88	0.00	23.88	<=30	Pass		
	12		0	22.66	0.00	22.66	<=30	Pass		
			6	22.76	0.00	22.76	<=30	Pass		
			13	22.71	0.00	22.71	<=30	Pass		
	25		0	22.67	0.00	22.67	<=30	Pass		
	1777.5		1	0	24.02	0.00	24.02	<=30	Pass	
				13	24.17	0.00	24.17	<=30	Pass	
24				24.06	0.00	24.06	<=30	Pass		
12			0	23.02	0.00	23.02	<=30	Pass		
			6	23.05	0.00	23.05	<=30	Pass		
			13	23.01	0.00	23.01	<=30	Pass		



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64QAM	1712.5	25	0	23.04	0.00	23.04	<=30	Pass	
			1	0	22.70	0.00	22.70	<=30	Pass
				13	22.90	0.00	22.90	<=30	Pass
		12	24	22.78	0.00	22.78	<=30	Pass	
			0	21.76	0.00	21.76	<=30	Pass	
			6	21.86	0.00	21.86	<=30	Pass	
		1745	25	13	21.83	0.00	21.83	<=30	Pass
				0	21.89	0.00	21.89	<=30	Pass
				1	0	22.72	0.00	22.72	<=30
	13		22.87		0.00	22.87	<=30	Pass	
	12		24	22.78	0.00	22.78	<=30	Pass	
			0	21.66	0.00	21.66	<=30	Pass	
			6	21.71	0.00	21.71	<=30	Pass	
	1777.5		25	13	21.66	0.00	21.66	<=30	Pass
				0	21.73	0.00	21.73	<=30	Pass
		1		0	23.05	0.00	23.05	<=30	Pass
			13	23.20	0.00	23.20	<=30	Pass	
		12	24	23.08	0.00	23.08	<=30	Pass	
			0	22.10	0.00	22.10	<=30	Pass	
			6	22.14	0.00	22.14	<=30	Pass	
		25	13	22.09	0.00	22.09	<=30	Pass	
			0	21.98	0.00	21.98	<=30	Pass	
	13		22.09	0.00	22.09	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain



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 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



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

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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	24.85	0.00	24.85	<=30	Pass	
			25	25.07	0.00	25.07	<=30	Pass	
			49	24.96	0.00	24.96	<=30	Pass	
		25	0	23.91	0.00	23.91	<=30	Pass	
			13	23.93	0.00	23.93	<=30	Pass	
			25	24.00	0.00	24.00	<=30	Pass	
		50	0	23.94	0.00	23.94	<=30	Pass	
		1745	1	0	24.71	0.00	24.71	<=30	Pass
				25	24.88	0.00	24.88	<=30	Pass
	49			24.75	0.00	24.75	<=30	Pass	
	25		0	23.75	0.00	23.75	<=30	Pass	
			13	23.76	0.00	23.76	<=30	Pass	
			25	23.72	0.00	23.72	<=30	Pass	
	50		0	23.75	0.00	23.75	<=30	Pass	
	1775		1	0	25.02	0.00	25.02	<=30	Pass
				25	25.22	0.00	25.22	<=30	Pass
		49		25.15	0.00	25.15	<=30	Pass	
		25	0	24.01	0.00	24.01	<=30	Pass	
			13	24.06	0.00	24.06	<=30	Pass	
			25	24.03	0.00	24.03	<=30	Pass	
	50	0	24.03	0.00	24.03	<=30	Pass		
	16QAM	1715	1	0	24.29	0.00	24.29	<=30	Pass
				25	24.52	0.00	24.52	<=30	Pass
				49	24.42	0.00	24.42	<=30	Pass
25			0	22.93	0.00	22.93	<=30	Pass	
			13	22.96	0.00	22.96	<=30	Pass	
			25	23.02	0.00	23.02	<=30	Pass	
50			0	22.94	0.00	22.94	<=30	Pass	
1745			1	0	23.83	0.00	23.83	<=30	Pass
				25	24.00	0.00	24.00	<=30	Pass
		49		23.89	0.00	23.89	<=30	Pass	
		25	0	22.72	0.00	22.72	<=30	Pass	
			13	22.74	0.00	22.74	<=30	Pass	
			25	22.71	0.00	22.71	<=30	Pass	
		50	0	22.72	0.00	22.72	<=30	Pass	
		1775	1	0	23.97	0.00	23.97	<=30	Pass
				25	24.14	0.00	24.14	<=30	Pass
49				24.05	0.00	24.05	<=30	Pass	
25			0	23.06	0.00	23.06	<=30	Pass	
			13	23.09	0.00	23.09	<=30	Pass	
			25	23.04	0.00	23.04	<=30	Pass	



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64QAM	1715	50	0	23.04	0.00	23.04	<=30	Pass	
			1	0	22.98	0.00	22.98	<=30	Pass
				25	23.22	0.00	23.22	<=30	Pass
		25	49	23.12	0.00	23.12	<=30	Pass	
			0	0	21.91	0.00	21.91	<=30	Pass
				13	21.97	0.00	21.97	<=30	Pass
		50	25	22.04	0.00	22.04	<=30	Pass	
			0	0	21.95	0.00	21.95	<=30	Pass
				1	0	22.68	0.00	22.68	<=30
	25	22.83			0.00	22.83	<=30	Pass	
	25	49	22.74	0.00	22.74	<=30	Pass		
		0	0	21.80	0.00	21.80	<=30	Pass	
			13	21.81	0.00	21.81	<=30	Pass	
	50	25	21.81	0.00	21.81	<=30	Pass		
		0	0	21.76	0.00	21.76	<=30	Pass	
			1	0	22.89	0.00	22.89	<=30	Pass
	25			23.07	0.00	23.07	<=30	Pass	
	25	49	22.97	0.00	22.97	<=30	Pass		
		0	0	22.04	0.00	22.04	<=30	Pass	
			13	22.08	0.00	22.08	<=30	Pass	
	50	25	22.05	0.00	22.05	<=30	Pass		
		0	0	22.02	0.00	22.02	<=30	Pass	

Note1: EIRP=Conducted Power+Antenna Gain



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## 1.5 B66\_15MHz\_EIRP

### 1.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1717.5	1	0	24.79	0.00	24.79	<=30	Pass		
			38	24.98	0.00	24.98	<=30	Pass		
			74	24.79	0.00	24.79	<=30	Pass		
		36	0	23.94	0.00	23.94	<=30	Pass		
			18	24.05	0.00	24.05	<=30	Pass		
			39	24.06	0.00	24.06	<=30	Pass		
		75	0	24.01	0.00	24.01	<=30	Pass		
		1745	1	0	24.66	0.00	24.66	<=30	Pass	
				38	24.72	0.00	24.72	<=30	Pass	
	74			24.67	0.00	24.67	<=30	Pass		
	36		0	23.81	0.00	23.81	<=30	Pass		
			18	23.81	0.00	23.81	<=30	Pass		
			39	23.80	0.00	23.80	<=30	Pass		
	75		0	23.82	0.00	23.82	<=30	Pass		
	1772.5		1	0	24.96	0.00	24.96	<=30	Pass	
				38	25.06	0.00	25.06	<=30	Pass	
		74		25.07	0.00	25.07	<=30	Pass		
		36	0	24.10	0.00	24.10	<=30	Pass		
			18	24.14	0.00	24.14	<=30	Pass		
			39	24.13	0.00	24.13	<=30	Pass		
		75	0	24.13	0.00	24.13	<=30	Pass		
		16QAM	1717.5	1	0	24.21	0.00	24.21	<=30	Pass
					38	24.41	0.00	24.41	<=30	Pass
	74				24.25	0.00	24.25	<=30	Pass	
36	0			22.90	0.00	22.90	<=30	Pass		
	18			22.97	0.00	22.97	<=30	Pass		
	39			23.02	0.00	23.02	<=30	Pass		
75	0			22.98	0.00	22.98	<=30	Pass		
1745	1			0	23.78	0.00	23.78	<=30	Pass	
				38	23.84	0.00	23.84	<=30	Pass	
			74	23.82	0.00	23.82	<=30	Pass		
	36		0	22.74	0.00	22.74	<=30	Pass		
			18	22.75	0.00	22.75	<=30	Pass		
			39	22.73	0.00	22.73	<=30	Pass		
	75		0	22.77	0.00	22.77	<=30	Pass		
	1772.5		1	0	24.18	0.00	24.18	<=30	Pass	
				38	24.30	0.00	24.30	<=30	Pass	
74				24.24	0.00	24.24	<=30	Pass		
36			0	22.98	0.00	22.98	<=30	Pass		
			18	23.01	0.00	23.01	<=30	Pass		
			39	22.99	0.00	22.99	<=30	Pass		



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64QAM	1717.5	75	0	23.02	0.00	23.02	<=30	Pass
		1	0	22.95	0.00	22.95	<=30	Pass
			38	23.13	0.00	23.13	<=30	Pass
			74	22.94	0.00	22.94	<=30	Pass
		36	0	21.92	0.00	21.92	<=30	Pass
			18	21.99	0.00	21.99	<=30	Pass
			39	22.02	0.00	22.02	<=30	Pass
		75	0	22.01	0.00	22.01	<=30	Pass
		1745	1	0	22.62	0.00	22.62	<=30
	38			22.71	0.00	22.71	<=30	Pass
	74			22.65	0.00	22.65	<=30	Pass
	36		0	21.81	0.00	21.81	<=30	Pass
			18	21.82	0.00	21.82	<=30	Pass
			39	21.80	0.00	21.80	<=30	Pass
	75	0	21.82	0.00	21.82	<=30	Pass	
	1772.5	1	0	23.14	0.00	23.14	<=30	Pass
			38	23.24	0.00	23.24	<=30	Pass
			74	23.16	0.00	23.16	<=30	Pass
		36	0	21.98	0.00	21.98	<=30	Pass
			18	22.03	0.00	22.03	<=30	Pass
			39	22.02	0.00	22.02	<=30	Pass
	75	0	22.05	0.00	22.05	<=30	Pass	

Note1: EIRP=Conducted Power+Antenna Gain



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1.6 B66\_20MHz\_EIRP

1.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1720	1	0	24.77	0.00	24.77	<=30	Pass		
			50	25.14	0.00	25.14	<=30	Pass		
			99	24.71	0.00	24.71	<=30	Pass		
		50	0	23.84	0.00	23.84	<=30	Pass		
			25	23.95	0.00	23.95	<=30	Pass		
			50	23.92	0.00	23.92	<=30	Pass		
		100	0	23.91	0.00	23.91	<=30	Pass		
		1745	1	0	24.67	0.00	24.67	<=30	Pass	
				50	24.94	0.00	24.94	<=30	Pass	
	99			24.66	0.00	24.66	<=30	Pass		
	50		0	23.73	0.00	23.73	<=30	Pass		
			25	23.74	0.00	23.74	<=30	Pass		
			50	23.65	0.00	23.65	<=30	Pass		
	100		0	23.71	0.00	23.71	<=30	Pass		
	1770		1	0	24.80	0.00	24.80	<=30	Pass	
				50	25.12	0.00	25.12	<=30	Pass	
		99		24.95	0.00	24.95	<=30	Pass		
		50	0	23.95	0.00	23.95	<=30	Pass		
			25	23.98	0.00	23.98	<=30	Pass		
			50	23.91	0.00	23.91	<=30	Pass		
		100	0	23.94	0.00	23.94	<=30	Pass		
		16QAM	1720	1	0	23.95	0.00	23.95	<=30	Pass
					50	24.35	0.00	24.35	<=30	Pass
	99				23.91	0.00	23.91	<=30	Pass	
50	0			22.80	0.00	22.80	<=30	Pass		
	25			22.91	0.00	22.91	<=30	Pass		
	50			22.89	0.00	22.89	<=30	Pass		
100	0			22.90	0.00	22.90	<=30	Pass		
1745	1			0	23.77	0.00	23.77	<=30	Pass	
				50	23.99	0.00	23.99	<=30	Pass	
			99	23.82	0.00	23.82	<=30	Pass		
	50		0	22.69	0.00	22.69	<=30	Pass		
			25	22.72	0.00	22.72	<=30	Pass		
			50	22.62	0.00	22.62	<=30	Pass		
	100		0	22.68	0.00	22.68	<=30	Pass		
	1770		1	0	24.23	0.00	24.23	<=30	Pass	
				50	24.54	0.00	24.54	<=30	Pass	
99				24.36	0.00	24.36	<=30	Pass		
50			0	22.91	0.00	22.91	<=30	Pass		
			25	22.96	0.00	22.96	<=30	Pass		
			50	22.89	0.00	22.89	<=30	Pass		



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64QAM	1720	100	0	22.93	0.00	22.93	<=30	Pass	
			1	0	22.79	0.00	22.79	<=30	Pass
				50	23.19	0.00	23.19	<=30	Pass
		50	99	22.75	0.00	22.75	<=30	Pass	
			0	0	21.87	0.00	21.87	<=30	Pass
				25	21.94	0.00	21.94	<=30	Pass
		100	50	21.97	0.00	21.97	<=30	Pass	
			0	0	21.91	0.00	21.91	<=30	Pass
				0	22.75	0.00	22.75	<=30	Pass
	1745	1	50	23.01	0.00	23.01	<=30	Pass	
			99	22.82	0.00	22.82	<=30	Pass	
			0	21.70	0.00	21.70	<=30	Pass	
		50	25	21.73	0.00	21.73	<=30	Pass	
			50	21.64	0.00	21.64	<=30	Pass	
			100	0	21.66	0.00	21.66	<=30	Pass
		1770	1	0	22.80	0.00	22.80	<=30	Pass
				50	23.11	0.00	23.11	<=30	Pass
				99	22.94	0.00	22.94	<=30	Pass
	50		0	21.93	0.00	21.93	<=30	Pass	
			25	21.97	0.00	21.97	<=30	Pass	
			50	21.88	0.00	21.88	<=30	Pass	
	100		0	21.96	0.00	21.96	<=30	Pass	

Note1: EIRP=Conducted Power+Antenna Gain



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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	-4.892	-0.0029	/	Pass	
					3.84	-18.926	-0.0111	/	Pass	
					4.3	-4.063	-0.0024	/	Pass	
				-30	3.84	-9.899	-0.0058	/	Pass	
					-20	3.84	-4.349	-0.0025	/	Pass
						3.84	-4.478	-0.0026	/	Pass
				0	3.84	3.262	0.0019	/	Pass	
					10	3.84	-8.111	-0.0047	/	Pass
				30	3.84	-3.376	-0.0020	/	Pass	
	40	3.84	-9.885	-0.0058	/	Pass				
	50	3.84	-0.415	-0.0002	/	Pass				
	1745	6	0	20	3.6	-3.662	-0.0021	/	Pass	
					3.84	-6.924	-0.0040	/	Pass	
					4.3	2.332	0.0013	/	Pass	
				-30	3.84	-6.194	-0.0035	/	Pass	
					-20	3.84	-1.473	-0.0008	/	Pass
						3.84	-0.629	-0.0004	/	Pass
				0	3.84	-5.894	-0.0034	/	Pass	
					10	3.84	-5.779	-0.0033	/	Pass
				30	3.84	-12.574	-0.0072	/	Pass	
	40	3.84	-12.360	-0.0071	/	Pass				
	50	3.84	4.950	0.0028	/	Pass				
	1779.3	6	0	20	3.6	-9.599	-0.0054	/	Pass	
					3.84	-7.539	-0.0042	/	Pass	
					4.3	-1.602	-0.0009	/	Pass	
				-30	3.84	-11.401	-0.0064	/	Pass	
					-20	3.84	-0.072	0.0000	/	Pass
3.84						-3.347	-0.0019	/	Pass	
0				3.84	-12.488	-0.0070	/	Pass		
				10	3.84	-0.014	0.0000	/	Pass	
30				3.84	-2.046	-0.0011	/	Pass		
40	3.84	6.695	0.0038	/	Pass					
50	3.84	-6.523	-0.0037	/	Pass					
16QAM	1710.7	6	0	20	3.6	0.715	0.0004	/	Pass	
					3.84	-1.287	-0.0008	/	Pass	
					4.3	-7.167	-0.0042	/	Pass	
				-30	3.84	-9.127	-0.0053	/	Pass	
					3.84	-5.350	-0.0031	/	Pass	
-10	3.84	-3.805	-0.0022	/	Pass					



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64QAM				0	3.84	-10.986	-0.0064	/	Pass
				10	3.84	-9.112	-0.0053	/	Pass
				30	3.84	1.616	0.0009	/	Pass
				40	3.84	-14.434	-0.0084	/	Pass
				50	3.84	-10.915	-0.0064	/	Pass
	1745	6	0	20	3.6	7.324	0.0042	/	Pass
					3.84	-3.691	-0.0021	/	Pass
					4.3	-9.341	-0.0054	/	Pass
				-30	3.84	3.262	0.0019	/	Pass
				-20	3.84	3.119	0.0018	/	Pass
				-10	3.84	3.119	0.0018	/	Pass
				0	3.84	-0.758	-0.0004	/	Pass
				10	3.84	1.044	0.0006	/	Pass
				30	3.84	1.688	0.0010	/	Pass
				40	3.84	-7.839	-0.0045	/	Pass
	50	3.84	-0.272	-0.0002	/	Pass			
	1779.3	6	0	20	3.6	-15.578	-0.0088	/	Pass
					3.84	-8.068	-0.0045	/	Pass
					4.3	-0.830	-0.0005	/	Pass
				-30	3.84	-3.734	-0.0021	/	Pass
				-20	3.84	-19.097	-0.0107	/	Pass
				-10	3.84	-7.553	-0.0042	/	Pass
				0	3.84	-6.294	-0.0035	/	Pass
				10	3.84	-8.698	-0.0049	/	Pass
				30	3.84	-6.294	-0.0035	/	Pass
				40	3.84	-10.428	-0.0059	/	Pass
	50	3.84	-15.922	-0.0089	/	Pass			
	1710.7	6	0	20	3.6	2.661	0.0016	/	Pass
					3.84	-3.548	-0.0021	/	Pass
					4.3	-7.968	-0.0047	/	Pass
				-30	3.84	-4.263	-0.0025	/	Pass
				-20	3.84	-6.137	-0.0036	/	Pass
				-10	3.84	-10.529	-0.0062	/	Pass
				0	3.84	-7.567	-0.0044	/	Pass
				10	3.84	-9.656	-0.0056	/	Pass
				30	3.84	-15.850	-0.0093	/	Pass
40				3.84	-1.717	-0.0010	/	Pass	
50	3.84	0.701	0.0004	/	Pass				
1745	6	0	20	3.6	-2.804	-0.0016	/	Pass	
				3.84	-0.844	-0.0005	/	Pass	
				4.3	-5.651	-0.0032	/	Pass	
			-30	3.84	-6.037	-0.0035	/	Pass	
			-20	3.84	-2.203	-0.0013	/	Pass	
			-10	3.84	-8.740	-0.0050	/	Pass	
			0	3.84	-2.160	-0.0012	/	Pass	
			10	3.84	-6.123	-0.0035	/	Pass	
			30	3.84	-4.621	-0.0026	/	Pass	
			40	3.84	-5.193	-0.0030	/	Pass	
50	3.84	-13.647	-0.0078	/	Pass				



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1779.3	6	0	20	3.6	-9.413	-0.0053	/	Pass
				3.84	-5.922	-0.0033	/	Pass
				4.3	-4.005	-0.0023	/	Pass
			-30	3.84	-8.354	-0.0047	/	Pass
			-20	3.84	6.680	0.0038	/	Pass
			-10	3.84	-1.488	-0.0008	/	Pass
			0	3.84	-0.529	-0.0003	/	Pass
			10	3.84	-10.629	-0.0060	/	Pass
			30	3.84	0.758	0.0004	/	Pass
			40	3.84	-3.290	-0.0018	/	Pass
		50	3.84	-6.680	-0.0038	/	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	0.100	0.0001	/	Pass
					3.84	-5.322	-0.0031	/	Pass
					4.3	-8.254	-0.0048	/	Pass
				-30	3.84	-11.573	-0.0068	/	Pass
				-20	3.84	-2.961	-0.0017	/	Pass
				-10	3.84	-3.891	-0.0023	/	Pass
				0	3.84	-2.460	-0.0014	/	Pass
				10	3.84	-3.791	-0.0022	/	Pass
				30	3.84	-2.475	-0.0014	/	Pass
				40	3.84	-1.931	-0.0011	/	Pass
	50	3.84	-6.309	-0.0037	/	Pass			
	1745	15	0	20	3.6	5.679	0.0033	/	Pass
					3.84	-12.360	-0.0071	/	Pass
					4.3	-0.973	-0.0006	/	Pass
				-30	3.84	-7.310	-0.0042	/	Pass
				-20	3.84	-7.095	-0.0041	/	Pass
				-10	3.84	-8.583	-0.0049	/	Pass
				0	3.84	-4.034	-0.0023	/	Pass
				10	3.84	-3.362	-0.0019	/	Pass
				30	3.84	-4.177	-0.0024	/	Pass
				40	3.84	-5.450	-0.0031	/	Pass
	50	3.84	-3.905	-0.0022	/	Pass			
	1778.5	15	0	20	3.6	6.051	0.0034	/	Pass
					3.84	-13.361	-0.0075	/	Pass
					4.3	1.688	0.0009	/	Pass
				-30	3.84	-6.909	-0.0039	/	Pass
				-20	3.84	-5.836	-0.0033	/	Pass
				-10	3.84	-7.725	-0.0043	/	Pass
				0	3.84	-6.166	-0.0035	/	Pass
				10	3.84	-2.875	-0.0016	/	Pass
30				3.84	-7.739	-0.0044	/	Pass	
40				3.84	-2.475	-0.0014	/	Pass	
50	3.84	-0.458	-0.0003	/	Pass				
16QAM	1711.5	15	0	20	3.6	-2.046	-0.0012	/	Pass
					3.84	-5.078	-0.0030	/	Pass
					4.3	-5.364	-0.0031	/	Pass
				-30	3.84	-15.821	-0.0092	/	Pass
				-20	3.84	-2.675	-0.0016	/	Pass
				-10	3.84	-10.343	-0.0060	/	Pass
				0	3.84	-1.931	-0.0011	/	Pass
10	3.84	-10.414	-0.0061	/	Pass				



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64QAM	1745	15	0	30	3.84	-0.587	-0.0003	/	Pass
				40	3.84	2.775	0.0016	/	Pass
				50	3.84	-8.411	-0.0049	/	Pass
				20	3.6	-5.465	-0.0031	/	Pass
					3.84	3.920	0.0022	/	Pass
					4.3	1.745	0.0010	/	Pass
				-30	3.84	-17.037	-0.0098	/	Pass
				-20	3.84	-2.260	-0.0013	/	Pass
				-10	3.84	1.059	0.0006	/	Pass
				0	3.84	-10.099	-0.0058	/	Pass
	10	3.84	-11.430	-0.0066	/	Pass			
	30	3.84	-5.550	-0.0032	/	Pass			
	40	3.84	-17.009	-0.0097	/	Pass			
	50	3.84	5.836	0.0033	/	Pass			
	1778.5	15	0	20	3.6	-2.961	-0.0017	/	Pass
					3.84	3.862	0.0022	/	Pass
					4.3	-4.950	-0.0028	/	Pass
				-30	3.84	-18.368	-0.0103	/	Pass
				-20	3.84	-12.746	-0.0072	/	Pass
				-10	3.84	-1.845	-0.0010	/	Pass
0				3.84	7.524	0.0042	/	Pass	
10				3.84	-17.495	-0.0098	/	Pass	
30				3.84	-10.371	-0.0058	/	Pass	
40				3.84	-7.582	-0.0043	/	Pass	
50	3.84	-1.731	-0.0010	/	Pass				
1711.5	15	0	20	3.6	2.689	0.0016	/	Pass	
				3.84	-1.044	-0.0006	/	Pass	
				4.3	-6.251	-0.0037	/	Pass	
			-30	3.84	3.862	0.0023	/	Pass	
			-20	3.84	-3.920	-0.0023	/	Pass	
			-10	3.84	-1.616	-0.0009	/	Pass	
			0	3.84	-4.392	-0.0026	/	Pass	
			10	3.84	-6.151	-0.0036	/	Pass	
			30	3.84	1.860	0.0011	/	Pass	
			40	3.84	-3.290	-0.0019	/	Pass	
	50	3.84	-5.794	-0.0034	/	Pass			
	1745	15	0	20	3.6	-5.236	-0.0030	/	Pass
					3.84	-2.546	-0.0015	/	Pass
					4.3	-2.103	-0.0012	/	Pass
				-30	3.84	0.229	0.0001	/	Pass
				-20	3.84	-6.208	-0.0036	/	Pass
				-10	3.84	-7.811	-0.0045	/	Pass
				0	3.84	-8.097	-0.0046	/	Pass
10				3.84	-3.161	-0.0018	/	Pass	
30	3.84	-1.259	-0.0007	/	Pass				
40	3.84	-3.247	-0.0019	/	Pass				
50	3.84	-10.543	-0.0060	/	Pass				
1778.5	15	0	20	3.6	-1.802	-0.0010	/	Pass	
				3.84	-9.055	-0.0051	/	Pass	



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				4.3	-14.892	-0.0084	/	Pass
				-30	3.84	-14.234	-0.0080	Pass
				-20	3.84	-17.595	-0.0099	Pass
				-10	3.84	-10.357	-0.0058	Pass
				0	3.84	-5.264	-0.0030	Pass
				10	3.84	-1.416	-0.0008	Pass
				30	3.84	-7.796	-0.0044	Pass
				40	3.84	-4.907	-0.0028	Pass
				50	3.84	-6.323	-0.0036	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	-7.081	-0.0041	/	Pass	
					3.84	-7.381	-0.0043	/	Pass	
					4.3	-5.980	-0.0035	/	Pass	
				-30	3.84	-4.320	-0.0025	/	Pass	
					-20	3.84	1.903	0.0011	/	Pass
						3.84	-3.233	-0.0019	/	Pass
				0	3.84	-4.292	-0.0025	/	Pass	
					3.84	-2.360	-0.0014	/	Pass	
				3.84	-6.895	-0.0040	/	Pass		
				3.84	-4.835	-0.0028	/	Pass		
	3.84	0.014	0.0000	/	Pass					
	1745	25	0	20	3.6	-2.546	-0.0015	/	Pass	
					3.84	-5.822	-0.0033	/	Pass	
					4.3	-18.826	-0.0108	/	Pass	
				-30	3.84	-5.035	-0.0029	/	Pass	
					-20	3.84	2.446	0.0014	/	Pass
						3.84	-5.622	-0.0032	/	Pass
				0	3.84	-9.055	-0.0052	/	Pass	
					3.84	-1.788	-0.0010	/	Pass	
				3.84	-2.031	-0.0012	/	Pass		
				3.84	1.359	0.0008	/	Pass		
	3.84	-2.661	-0.0015	/	Pass					
	1777.5	25	0	20	3.6	-11.058	-0.0062	/	Pass	
					3.84	-10.715	-0.0060	/	Pass	
					4.3	-3.419	-0.0019	/	Pass	
				-30	3.84	0.143	0.0001	/	Pass	
					-20	3.84	-2.933	-0.0017	/	Pass
						3.84	-4.792	-0.0027	/	Pass
				0	3.84	-6.809	-0.0038	/	Pass	
					3.84	0.243	0.0001	/	Pass	
3.84				-6.652	-0.0037	/	Pass			
3.84				-2.346	-0.0013	/	Pass			
3.84	-2.618	-0.0015	/	Pass						
16QAM	1712.5	25	0	20	3.6	-5.436	-0.0032	/	Pass	
					3.84	1.116	0.0007	/	Pass	
					4.3	-10.657	-0.0062	/	Pass	
				-30	3.84	-7.854	-0.0046	/	Pass	
					3.84	-9.713	-0.0057	/	Pass	
				-10	3.84	-11.716	-0.0068	/	Pass	
					3.84	-6.738	-0.0039	/	Pass	
3.84	-2.089	-0.0012	/	Pass						



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64QAM	1745	25	0	30	3.84	-1.030	-0.0006	/	Pass		
				40	3.84	0.715	0.0004	/	Pass		
				50	3.84	0.615	0.0004	/	Pass		
				20	3.6	-4.864	-0.0028	/	Pass		
					3.84	-15.392	-0.0088	/	Pass		
					4.3	-12.717	-0.0073	/	Pass		
				-30	3.84	5.808	0.0033	/	Pass		
				-20	3.84	-4.206	-0.0024	/	Pass		
				-10	3.84	-3.691	-0.0021	/	Pass		
	0	3.84	-7.596	-0.0044	/	Pass					
	10	3.84	-3.533	-0.0020	/	Pass					
	30	3.84	-8.783	-0.0050	/	Pass					
	40	3.84	-5.193	-0.0030	/	Pass					
	50	3.84	-3.347	-0.0019	/	Pass					
	1777.5	25	0	20	3.6	1.459	0.0008	/	Pass		
					3.84	-7.052	-0.0040	/	Pass		
					4.3	-9.484	-0.0053	/	Pass		
				-30	3.84	3.276	0.0018	/	Pass		
				-20	3.84	-1.030	-0.0006	/	Pass		
-10				3.84	-14.334	-0.0081	/	Pass			
0				3.84	-5.350	-0.0030	/	Pass			
10				3.84	-5.479	-0.0031	/	Pass			
30				3.84	2.518	0.0014	/	Pass			
40	3.84	-4.091	-0.0023	/	Pass						
50	3.84	-7.324	-0.0041	/	Pass						
1712.5	25	0	20	3.6	1.245	0.0007	/	Pass			
				3.84	-4.034	-0.0024	/	Pass			
				4.3	-2.804	-0.0016	/	Pass			
			-30	3.84	-6.595	-0.0039	/	Pass			
			-20	3.84	-3.147	-0.0018	/	Pass			
			-10	3.84	-3.405	-0.0020	/	Pass			
			0	3.84	-6.723	-0.0039	/	Pass			
			10	3.84	-9.499	-0.0055	/	Pass			
			30	3.84	-9.284	-0.0054	/	Pass			
			40	3.84	-4.792	-0.0028	/	Pass			
			50	3.84	-0.787	-0.0005	/	Pass			
			1745	25	0	20	3.6	-0.701	-0.0004	/	Pass
							3.84	-5.078	-0.0029	/	Pass
4.3	-0.815	-0.0005					/	Pass			
-30	3.84	-5.064				-0.0029	/	Pass			
-20	3.84	-8.168				-0.0047	/	Pass			
-10	3.84	-6.609				-0.0038	/	Pass			
0	3.84	1.702				0.0010	/	Pass			
10	3.84	-11.144				-0.0064	/	Pass			
30	3.84	0.272				0.0002	/	Pass			
40	3.84	1.287				0.0007	/	Pass			
50	3.84	-5.221	-0.0030	/	Pass						
1777.5	25	0	20	3.6	0.358	0.0002	/	Pass			
				3.84	-0.958	-0.0005	/	Pass			



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				4.3	-12.388	-0.0070	/	Pass
				-30	3.84	-7.954	-0.0045	Pass
				-20	3.84	-8.368	-0.0047	Pass
				-10	3.84	-6.809	-0.0038	Pass
				0	3.84	-7.639	-0.0043	Pass
				10	3.84	-10.400	-0.0059	Pass
				30	3.84	1.087	0.0006	Pass
				40	3.84	1.731	0.0010	Pass
				50	3.84	-0.343	-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	3.6	-12.116	-0.0071	/	Pass
					3.84	-7.982	-0.0047	/	Pass
					4.3	-4.749	-0.0028	/	Pass
				-30	3.84	-7.281	-0.0042	/	Pass
				-20	3.84	-2.117	-0.0012	/	Pass
				-10	3.84	-4.306	-0.0025	/	Pass
				0	3.84	-12.159	-0.0071	/	Pass
				10	3.84	-6.008	-0.0035	/	Pass
				30	3.84	-2.031	-0.0012	/	Pass
				40	3.84	-1.388	-0.0008	/	Pass
	50	3.84	-4.034	-0.0024	/	Pass			
	1745	50	0	20	3.6	-3.548	-0.0020	/	Pass
					3.84	-0.343	-0.0002	/	Pass
					4.3	-3.119	-0.0018	/	Pass
				-30	3.84	3.161	0.0018	/	Pass
				-20	3.84	-1.688	-0.0010	/	Pass
				-10	3.84	-0.687	-0.0004	/	Pass
				0	3.84	-1.402	-0.0008	/	Pass
				10	3.84	-9.098	-0.0052	/	Pass
				30	3.84	-3.648	-0.0021	/	Pass
				40	3.84	-6.022	-0.0035	/	Pass
	50	3.84	-7.439	-0.0043	/	Pass			
	1775	50	0	20	3.6	-10.743	-0.0061	/	Pass
					3.84	-5.221	-0.0029	/	Pass
					4.3	-0.629	-0.0004	/	Pass
				-30	3.84	-9.313	-0.0052	/	Pass
				-20	3.84	-7.467	-0.0042	/	Pass
				-10	3.84	-5.608	-0.0032	/	Pass
				0	3.84	-8.011	-0.0045	/	Pass
				10	3.84	-1.674	-0.0009	/	Pass
30				3.84	0.558	0.0003	/	Pass	
40				3.84	-5.279	-0.0030	/	Pass	
50	3.84	-5.980	-0.0034	/	Pass				
16QAM	1715	50	0	20	3.6	-4.792	-0.0028	/	Pass
					3.84	-1.602	-0.0009	/	Pass
					4.3	-2.789	-0.0016	/	Pass
				-30	3.84	-2.861	-0.0017	/	Pass
				-20	3.84	-3.891	-0.0023	/	Pass
				-10	3.84	-5.980	-0.0035	/	Pass
				0	3.84	-7.925	-0.0046	/	Pass
10	3.84	-5.550	-0.0032	/	Pass				



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64QAM	1745	50	0	30	3.84	-5.608	-0.0033	/	Pass
				40	3.84	-8.583	-0.0050	/	Pass
				50	3.84	-6.423	-0.0037	/	Pass
				20	3.6	-6.723	-0.0039	/	Pass
					3.84	-0.887	-0.0005	/	Pass
					4.3	-5.422	-0.0031	/	Pass
				-30	3.84	-5.393	-0.0031	/	Pass
				-20	3.84	-5.350	-0.0031	/	Pass
				-10	3.84	-5.422	-0.0031	/	Pass
				0	3.84	-2.718	-0.0016	/	Pass
	10	3.84	-3.076	-0.0018	/	Pass			
	30	3.84	-10.700	-0.0061	/	Pass			
	40	3.84	-7.281	-0.0042	/	Pass			
	50	3.84	-0.172	-0.0001	/	Pass			
	1775	50	0	20	3.6	-11.115	-0.0063	/	Pass
					3.84	-8.368	-0.0047	/	Pass
					4.3	0.129	0.0001	/	Pass
				-30	3.84	-5.879	-0.0033	/	Pass
				-20	3.84	-5.965	-0.0034	/	Pass
				-10	3.84	-4.506	-0.0025	/	Pass
0				3.84	-11.044	-0.0062	/	Pass	
10				3.84	-7.825	-0.0044	/	Pass	
30				3.84	-5.193	-0.0029	/	Pass	
40				3.84	-3.862	-0.0022	/	Pass	
50	3.84	-5.665	-0.0032	/	Pass				
1715	50	0	20	3.6	-5.379	-0.0031	/	Pass	
				3.84	-6.366	-0.0037	/	Pass	
				4.3	-8.483	-0.0049	/	Pass	
			-30	3.84	-4.778	-0.0028	/	Pass	
			-20	3.84	-5.794	-0.0034	/	Pass	
			-10	3.84	-4.520	-0.0026	/	Pass	
			0	3.84	-5.407	-0.0032	/	Pass	
			10	3.84	-5.836	-0.0034	/	Pass	
			30	3.84	2.418	0.0014	/	Pass	
			40	3.84	-10.614	-0.0062	/	Pass	
	50	3.84	-0.958	-0.0006	/	Pass			
	1745	50	0	20	3.6	-9.542	-0.0055	/	Pass
					3.84	-5.307	-0.0030	/	Pass
					4.3	-3.018	-0.0017	/	Pass
				-30	3.84	-0.043	0.0000	/	Pass
				-20	3.84	-0.501	-0.0003	/	Pass
				-10	3.84	2.918	0.0017	/	Pass
				0	3.84	-7.510	-0.0043	/	Pass
10				3.84	-6.466	-0.0037	/	Pass	
30	3.84	-8.283	-0.0047	/	Pass				
40	3.84	-8.740	-0.0050	/	Pass				
50	3.84	-3.576	-0.0020	/	Pass				
1775	50	0	20	3.6	-4.377	-0.0025	/	Pass	
				3.84	-6.080	-0.0034	/	Pass	



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				4.3	-9.713	-0.0055	/	Pass
				-30	3.84	-4.263	-0.0024	Pass
				-20	3.84	-1.688	-0.0010	Pass
				-10	3.84	-1.945	-0.0011	Pass
				0	3.84	1.216	0.0007	Pass
				10	3.84	-5.322	-0.0030	Pass
				30	3.84	-8.311	-0.0047	Pass
				40	3.84	-4.606	-0.0026	Pass
				50	3.84	-2.818	-0.0016	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	-9.012	-0.0052	/	Pass
					3.84	-8.798	-0.0051	/	Pass
					4.3	-1.245	-0.0007	/	Pass
				-30	3.84	-7.238	-0.0042	/	Pass
				-20	3.84	-1.259	-0.0007	/	Pass
				-10	3.84	-6.223	-0.0036	/	Pass
				0	3.84	-6.695	-0.0039	/	Pass
				10	3.84	-8.426	-0.0049	/	Pass
				30	3.84	-3.719	-0.0022	/	Pass
				40	3.84	-5.507	-0.0032	/	Pass
	50	3.84	-5.393	-0.0031	/	Pass			
	1745	75	0	20	3.6	0.000	0.0000	/	Pass
					3.84	-3.476	-0.0020	/	Pass
					4.3	1.259	0.0007	/	Pass
				-30	3.84	-1.960	-0.0011	/	Pass
				-20	3.84	-6.466	-0.0037	/	Pass
				-10	3.84	-7.110	-0.0041	/	Pass
				0	3.84	-6.938	-0.0040	/	Pass
				10	3.84	-7.825	-0.0045	/	Pass
				30	3.84	-2.131	-0.0012	/	Pass
				40	3.84	-10.858	-0.0062	/	Pass
	50	3.84	-7.224	-0.0041	/	Pass			
	1772.5	75	0	20	3.6	-7.124	-0.0040	/	Pass
					3.84	-12.259	-0.0069	/	Pass
					4.3	-1.187	-0.0007	/	Pass
				-30	3.84	-5.550	-0.0031	/	Pass
				-20	3.84	-2.017	-0.0011	/	Pass
				-10	3.84	-1.245	-0.0007	/	Pass
				0	3.84	-0.615	-0.0003	/	Pass
				10	3.84	-4.835	-0.0027	/	Pass
30				3.84	1.559	0.0009	/	Pass	
40				3.84	-3.605	-0.0020	/	Pass	
50	3.84	7.253	0.0041	/	Pass				
16QAM	1717.5	75	0	20	3.6	-1.817	-0.0011	/	Pass
					3.84	-8.469	-0.0049	/	Pass
					4.3	-8.011	-0.0047	/	Pass
				-30	3.84	-8.254	-0.0048	/	Pass
				-20	3.84	-6.022	-0.0035	/	Pass
				-10	3.84	-7.839	-0.0046	/	Pass
				0	3.84	-2.160	-0.0013	/	Pass
10	3.84	-6.881	-0.0040	/	Pass				



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64QAM	1745	75	0	30	3.84	-3.834	-0.0022	/	Pass
				40	3.84	-5.636	-0.0033	/	Pass
				50	3.84	-4.191	-0.0024	/	Pass
				20	3.6	-7.467	-0.0043	/	Pass
					3.84	-2.675	-0.0015	/	Pass
					4.3	-13.247	-0.0076	/	Pass
				-30	3.84	-4.992	-0.0029	/	Pass
				-20	3.84	-5.093	-0.0029	/	Pass
				-10	3.84	-4.420	-0.0025	/	Pass
				0	3.84	-6.895	-0.0040	/	Pass
	10	3.84	-1.473	-0.0008	/	Pass			
	30	3.84	-8.640	-0.0050	/	Pass			
	40	3.84	-1.259	-0.0007	/	Pass			
	50	3.84	-3.090	-0.0018	/	Pass			
	1772.5	75	0	20	3.6	-6.738	-0.0038	/	Pass
					3.84	-9.155	-0.0052	/	Pass
					4.3	-6.366	-0.0036	/	Pass
				-30	3.84	-7.467	-0.0042	/	Pass
				-20	3.84	-0.372	-0.0002	/	Pass
				-10	3.84	-4.134	-0.0023	/	Pass
0				3.84	-8.540	-0.0048	/	Pass	
10				3.84	-3.691	-0.0021	/	Pass	
30				3.84	-3.576	-0.0020	/	Pass	
40				3.84	-3.963	-0.0022	/	Pass	
50	3.84	-1.159	-0.0007	/	Pass				
1717.5	75	0	20	3.6	-7.138	-0.0042	/	Pass	
				3.84	-4.821	-0.0028	/	Pass	
				4.3	-5.722	-0.0033	/	Pass	
			-30	3.84	-6.995	-0.0041	/	Pass	
			-20	3.84	-4.392	-0.0026	/	Pass	
			-10	3.84	0.958	0.0006	/	Pass	
			0	3.84	-2.804	-0.0016	/	Pass	
			10	3.84	-5.550	-0.0032	/	Pass	
			30	3.84	-5.665	-0.0033	/	Pass	
			40	3.84	-6.051	-0.0035	/	Pass	
50	3.84	1.116	0.0006	/	Pass				
1745	75	0	20	3.6	-3.433	-0.0020	/	Pass	
				3.84	-0.744	-0.0004	/	Pass	
				4.3	1.702	0.0010	/	Pass	
			-30	3.84	-2.618	-0.0015	/	Pass	
			-20	3.84	-1.931	-0.0011	/	Pass	
			-10	3.84	-4.835	-0.0028	/	Pass	
			0	3.84	-0.873	-0.0005	/	Pass	
			10	3.84	-4.821	-0.0028	/	Pass	
			30	3.84	-6.309	-0.0036	/	Pass	
			40	3.84	-6.795	-0.0039	/	Pass	
50	3.84	1.845	0.0011	/	Pass				
1772.5	75	0	20	3.6	-9.370	-0.0053	/	Pass	
				3.84	-4.878	-0.0028	/	Pass	



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				4.3	-3.676	-0.0021	/	Pass
				-30	3.84	-3.662	-0.0021	Pass
				-20	3.84	-4.449	-0.0025	Pass
				-10	3.84	-1.802	-0.0010	Pass
				0	3.84	-3.505	-0.0020	Pass
				10	3.84	-8.554	-0.0048	Pass
				30	3.84	-6.237	-0.0035	Pass
				40	3.84	-1.574	-0.0009	Pass
				50	3.84	-3.777	-0.0021	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	-11.702	-0.0068	/	Pass
					3.84	-6.037	-0.0035	/	Pass
					4.3	-1.245	-0.0007	/	Pass
				-30	3.84	-5.622	-0.0033	/	Pass
				-20	3.84	-6.623	-0.0039	/	Pass
				-10	3.84	-10.943	-0.0064	/	Pass
				0	3.84	-6.781	-0.0039	/	Pass
				10	3.84	-3.977	-0.0023	/	Pass
				30	3.84	-8.926	-0.0052	/	Pass
				40	3.84	-5.207	-0.0030	/	Pass
	50	3.84	-6.852	-0.0040	/	Pass			
	1745	100	0	20	3.6	-3.977	-0.0023	/	Pass
					3.84	-4.649	-0.0027	/	Pass
					4.3	-4.635	-0.0027	/	Pass
				-30	3.84	-6.351	-0.0036	/	Pass
				-20	3.84	-6.337	-0.0036	/	Pass
				-10	3.84	-7.496	-0.0043	/	Pass
				0	3.84	-3.462	-0.0020	/	Pass
				10	3.84	-6.695	-0.0038	/	Pass
				30	3.84	-4.377	-0.0025	/	Pass
				40	3.84	-3.719	-0.0021	/	Pass
	50	3.84	-4.706	-0.0027	/	Pass			
	1770	100	0	20	3.6	-4.921	-0.0028	/	Pass
					3.84	-4.148	-0.0023	/	Pass
					4.3	1.574	0.0009	/	Pass
				-30	3.84	1.230	0.0007	/	Pass
				-20	3.84	-2.890	-0.0016	/	Pass
				-10	3.84	-9.227	-0.0052	/	Pass
				0	3.84	3.104	0.0018	/	Pass
				10	3.84	-4.334	-0.0024	/	Pass
30				3.84	2.189	0.0012	/	Pass	
40				3.84	6.580	0.0037	/	Pass	
50	3.84	-3.262	-0.0018	/	Pass				
16QAM	1720	100	0	20	3.6	-3.362	-0.0020	/	Pass
					3.84	-3.605	-0.0021	/	Pass
				4.3	-6.766	-0.0039	/	Pass	
				-30	3.84	-8.526	-0.0050	/	Pass
				-20	3.84	-9.370	-0.0054	/	Pass
				-10	3.84	-7.138	-0.0042	/	Pass
				0	3.84	-7.052	-0.0041	/	Pass
10	3.84	-4.506	-0.0026	/	Pass				



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64QAM	1745	100	0	30	3.84	-1.731	-0.0010	/	Pass
				40	3.84	-9.899	-0.0058	/	Pass
				50	3.84	-8.812	-0.0051	/	Pass
				20	3.6	-3.190	-0.0018	/	Pass
					3.84	-1.602	-0.0009	/	Pass
					4.3	-1.531	-0.0009	/	Pass
				-30	3.84	-1.745	-0.0010	/	Pass
				-20	3.84	-2.131	-0.0012	/	Pass
				-10	3.84	-4.864	-0.0028	/	Pass
				0	3.84	-2.646	-0.0015	/	Pass
	10	3.84	-1.760	-0.0010	/	Pass			
	30	3.84	-2.861	-0.0016	/	Pass			
	40	3.84	-1.230	-0.0007	/	Pass			
	50	3.84	0.057	0.0000	/	Pass			
	1770	100	0	20	3.6	-6.080	-0.0034	/	Pass
					3.84	-1.144	-0.0006	/	Pass
					4.3	-10.557	-0.0060	/	Pass
				-30	3.84	-3.676	-0.0021	/	Pass
				-20	3.84	-2.990	-0.0017	/	Pass
				-10	3.84	-4.478	-0.0025	/	Pass
0				3.84	-9.856	-0.0056	/	Pass	
10				3.84	-5.565	-0.0031	/	Pass	
30				3.84	-2.661	-0.0015	/	Pass	
40				3.84	-2.990	-0.0017	/	Pass	
50	3.84	-2.832	-0.0016	/	Pass				
1720	100	0	20	3.6	-8.168	-0.0047	/	Pass	
				3.84	0.787	0.0005	/	Pass	
				4.3	-3.362	-0.0020	/	Pass	
			-30	3.84	2.089	0.0012	/	Pass	
			-20	3.84	-4.678	-0.0027	/	Pass	
			-10	3.84	-7.639	-0.0044	/	Pass	
			0	3.84	-8.068	-0.0047	/	Pass	
			10	3.84	-10.643	-0.0062	/	Pass	
			30	3.84	-3.262	-0.0019	/	Pass	
			40	3.84	-7.811	-0.0045	/	Pass	
	50	3.84	-4.721	-0.0027	/	Pass			
	1745	100	0	20	3.6	0.772	0.0004	/	Pass
					3.84	-3.390	-0.0019	/	Pass
					4.3	-3.147	-0.0018	/	Pass
				-30	3.84	-2.174	-0.0012	/	Pass
				-20	3.84	-5.794	-0.0033	/	Pass
				-10	3.84	-7.339	-0.0042	/	Pass
				0	3.84	-10.614	-0.0061	/	Pass
10				3.84	-6.409	-0.0037	/	Pass	
30	3.84	-6.151	-0.0035	/	Pass				
40	3.84	-5.593	-0.0032	/	Pass				
50	3.84	-5.364	-0.0031	/	Pass				
1770	100	0	20	3.6	-9.384	-0.0053	/	Pass	
				3.84	-3.791	-0.0021	/	Pass	



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				4.3	-6.137	-0.0035	/	Pass
				-30	3.84	-5.393	-0.0030	Pass
				-20	3.84	-3.920	-0.0022	Pass
				-10	3.84	-7.224	-0.0041	Pass
				0	3.84	-7.854	-0.0044	Pass
				10	3.84	-4.535	-0.0026	Pass
				30	3.84	-7.095	-0.0040	Pass
				40	3.84	-2.789	-0.0016	Pass
				50	3.84	-11.702	-0.0066	Pass



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## 3. Field Strength of Spurious Radiation

Test Band = Band 66 \_ TM1

Test Channel = low

Freq (MHz)	LISN_Factor (dB)	Cable_Loss (dB)	Preamp_Gain (dB)	Read_Level (dBm)	Level (dBm)	Limit_Line (dBm)	Over -13DBM	Polarity
3422	32.14	6.13	36.12	-61.99	-48.54	-13	-35.54	Horizontal
5133	33.93	7.54	35.32	-65.08	-47.45	-13	-34.45	Horizontal
6844	35.48	8.81	35.47	-63.38	-44.03	-13	-31.03	Horizontal
Freq (MHz)	LISN_Factor (dB)	Cable_Loss (dB)	Preamp_Gain (dB)	Read_Level (dBm)	Level (dBm)	Limit_Line (dBm)	Over -13DBM	Polarity
3422	32.14	6.13	36.12	-62.5	-49.05	-13	-36.05	Vertical
5133	33.93	7.54	35.32	-63.83	-46.2	-13	-33.2	Vertical
6844	35.48	8.81	35.47	-64.43	-45.08	-13	-32.08	Vertical



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**Test Band = Band 66 \_ TM1****Test Channel = mid**

Freq (MHz)	LISN_Factor (dB)	Cable_Loss (dB)	Preamp_Gain (dB)	Read_Level (dBm)	Level (dBm)	Limit_Line (dBm)	Over -13DBM	Polarity
3472	31.71	6.19	36.12	-62.13	-49.08	-13	-36.08	Horizontal
5208	34.02	7.6	35.28	-64.39	-46.63	-13	-33.63	Horizontal
6944	35.78	8.88	35.54	-64.25	-44.43	-13	-31.43	Horizontal
Freq (MHz)	LISN_Factor (dB)	Cable_Loss (dB)	Preamp_Gain (dB)	Read_Level (dBm)	Level (dBm)	Limit_Line (dBm)	Over -13DBM	Polarity
3472	31.71	6.19	36.12	-62.55	-49.5	-13	-36.5	Vertical
5208	34.02	7.6	35.28	-63.98	-46.22	-13	-33.22	Vertical
6944	35.78	8.88	35.54	-64.49	-44.67	-13	-31.67	Vertical



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**Test Band = Band 66 \_ TM1**  
**Test Channel = high**

Freq (MHz)	LISN_Factor (dB)	Cable_Loss (dB)	Preamp_Gain (dB)	Read_Level (dBm)	Level (dBm)	Limit_Line (dBm)	Over -13DBM	Polarity
3522	31.6	6.25	36.12	-62.11	-49.11	-13	-36.11	Horizontal
5283	34.17	7.65	35.24	-65.07	-47.14	-13	-34.14	Horizontal
7044	35.7	8.98	35.62	-63.07	-43.29	-13	-30.29	Horizontal
Freq (MHz)	LISN_Factor (dB)	Cable_Loss (dB)	Preamp_Gain (dB)	Read_Level (dBm)	Level (dBm)	Limit_Line (dBm)	Over -13DBM	Polarity
3522	31.6	6.25	36.12	-62.11	-49.11	-13	-36.11	Vertical
5283	34.17	7.65	35.24	-64.89	-46.96	-13	-33.96	Vertical
7044	35.7	8.98	35.62	-63.26	-43.48	-13	-30.48	Vertical

Remark:

1) All antennas of RSE are tested, and only the worst data is presented.



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## 4. 99% & 26dB Bandwidth

### 4.1 Band66\_OBW

#### 4.1.1 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	1.112	/	Pass
		1745	6	0	1.118	/	Pass
		1779.3	6	0	1.112	/	Pass
	16QAM	1710.7	6	0	1.108	/	Pass
		1745	6	0	1.112	/	Pass
		1779.3	6	0	1.118	/	Pass
	64QAM	1710.7	6	0	1.118	/	Pass
		1745	6	0	1.112	/	Pass
		1779.3	6	0	1.122	/	Pass
3	QPSK	1711.5	15	0	2.717	/	Pass
		1745	15	0	2.732	/	Pass
		1778.5	15	0	2.728	/	Pass
	16QAM	1711.5	15	0	2.719	/	Pass
		1745	15	0	2.721	/	Pass
		1778.5	15	0	2.716	/	Pass
	64QAM	1711.5	15	0	2.745	/	Pass
		1745	15	0	2.729	/	Pass
		1778.5	15	0	2.730	/	Pass
5	QPSK	1712.5	25	0	4.580	/	Pass
		1745	25	0	4.561	/	Pass
		1777.5	25	0	4.573	/	Pass
	16QAM	1712.5	25	0	4.560	/	Pass
		1745	25	0	4.584	/	Pass
		1777.5	25	0	4.593	/	Pass
	64QAM	1712.5	25	0	4.569	/	Pass
		1745	25	0	4.593	/	Pass
		1777.5	25	0	4.586	/	Pass
10	QPSK	1715	50	0	9.092	/	Pass
		1745	50	0	9.083	/	Pass
		1775	50	0	9.105	/	Pass
	16QAM	1715	50	0	9.085	/	Pass
		1745	50	0	9.083	/	Pass
		1775	50	0	9.096	/	Pass
	64QAM	1715	50	0	9.089	/	Pass
		1745	50	0	9.095	/	Pass
		1775	50	0	9.098	/	Pass
15	QPSK	1717.5	75	0	13.654	/	Pass
		1745	75	0	13.594	/	Pass
		1772.5	75	0	13.624	/	Pass



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	16QAM	1717.5	75	0	13.616	/	Pass
		1745	75	0	13.618	/	Pass
		1772.5	75	0	13.638	/	Pass
	64QAM	1717.5	75	0	13.629	/	Pass
		1745	75	0	13.647	/	Pass
		1772.5	75	0	13.671	/	Pass
20	QPSK	1720	100	0	18.145	/	Pass
		1745	100	0	18.086	/	Pass
		1770	100	0	18.153	/	Pass
	16QAM	1720	100	0	18.189	/	Pass
		1745	100	0	18.139	/	Pass
		1770	100	0	18.124	/	Pass
	64QAM	1720	100	0	18.129	/	Pass
		1745	100	0	18.178	/	Pass
		1770	100	0	18.153	/	Pass



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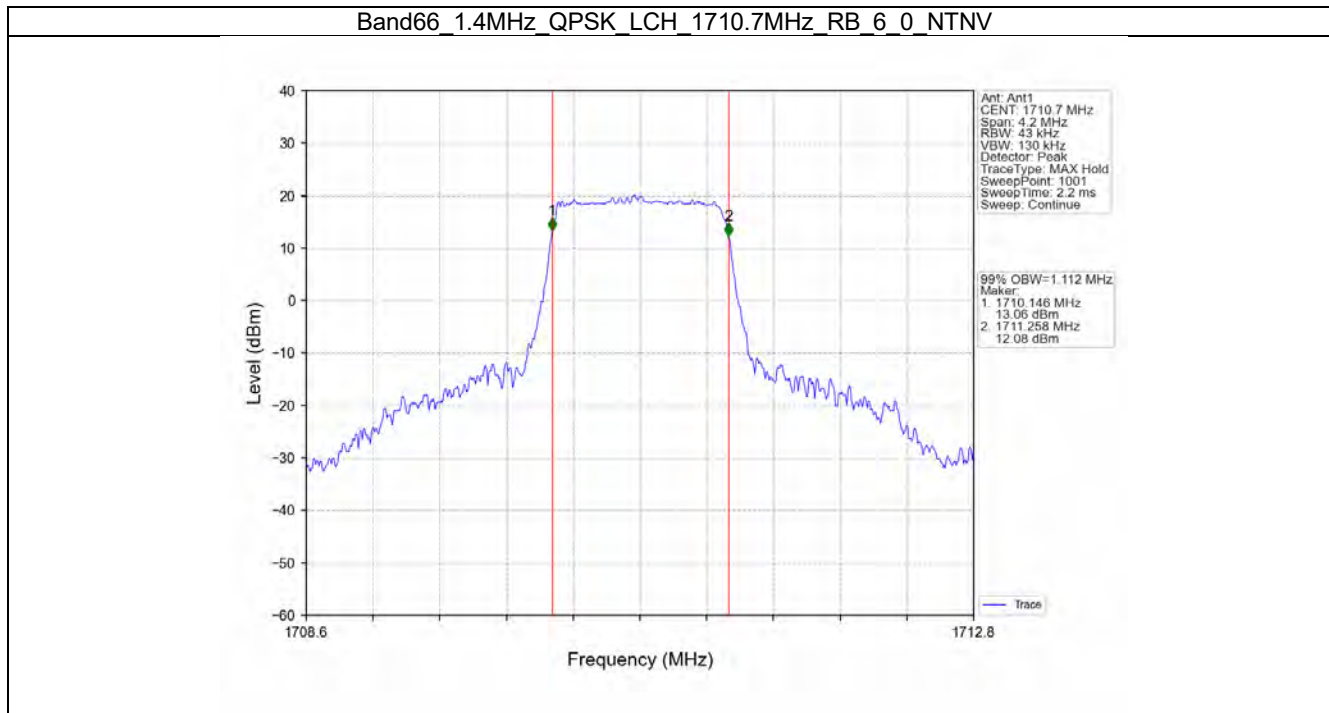
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## 4.1.2 Test Graph



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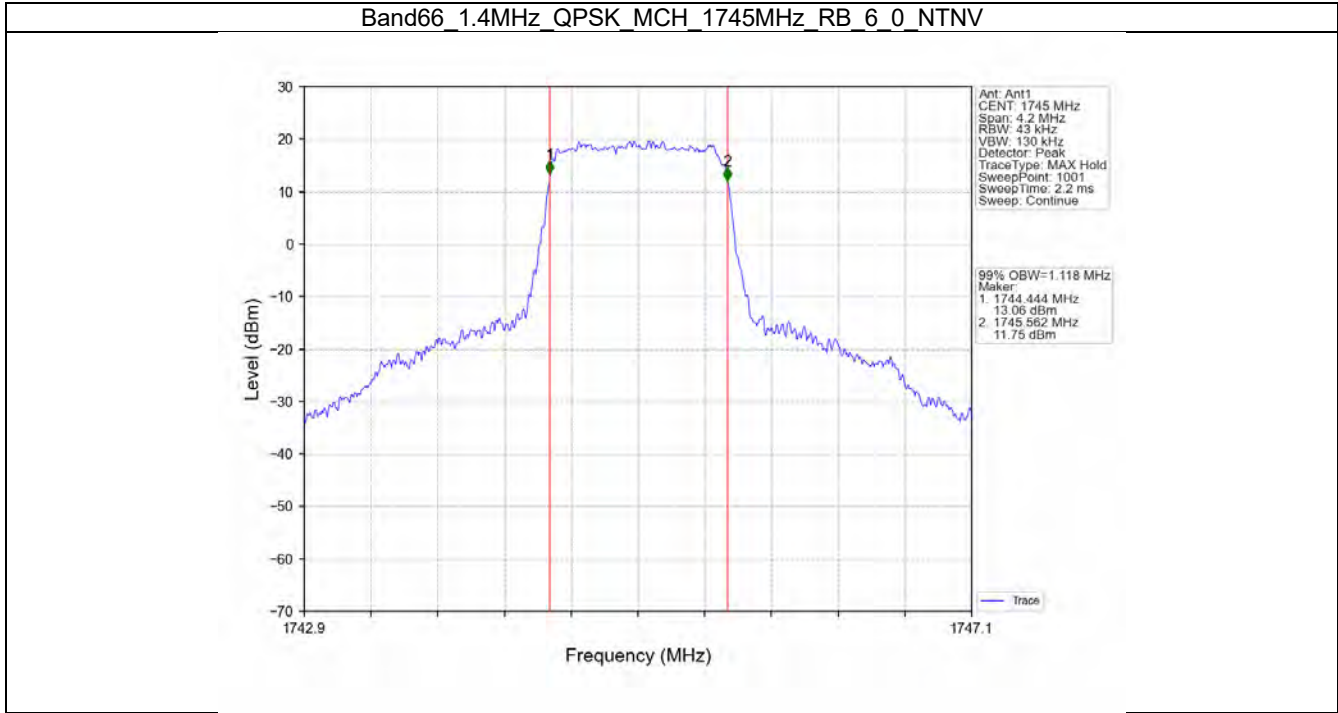
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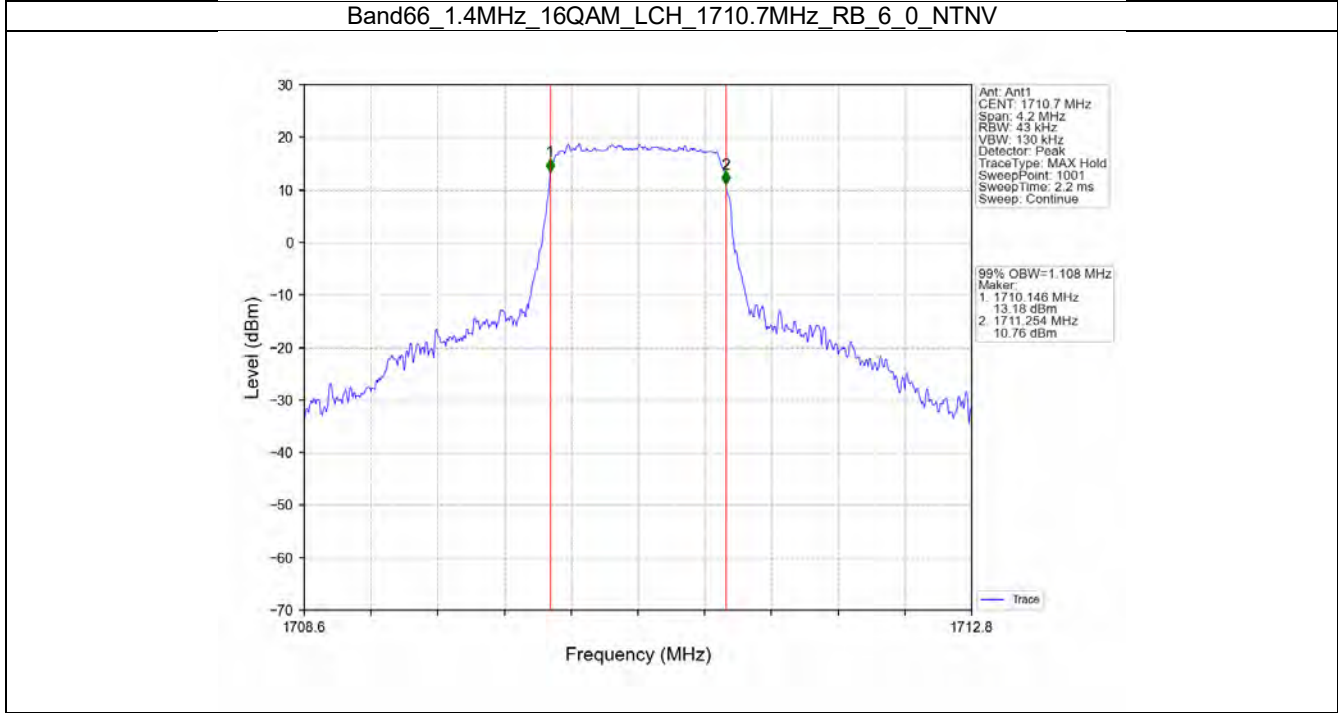
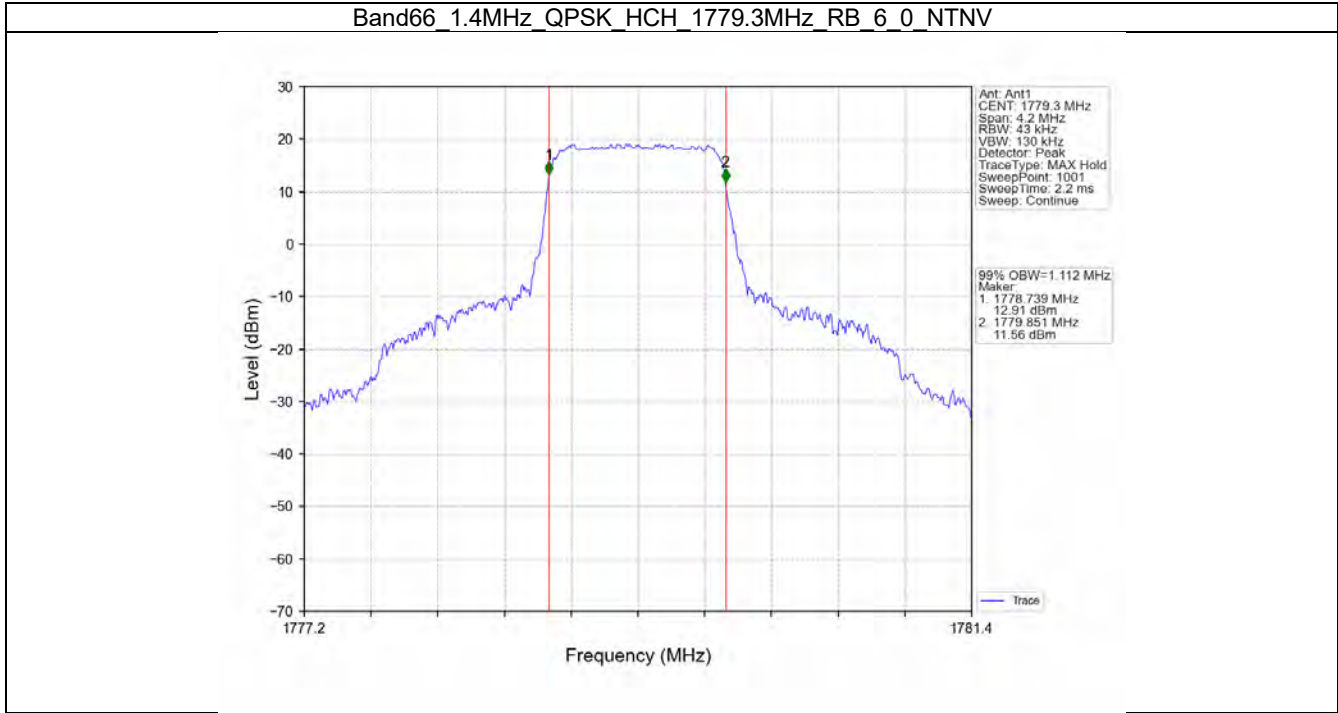
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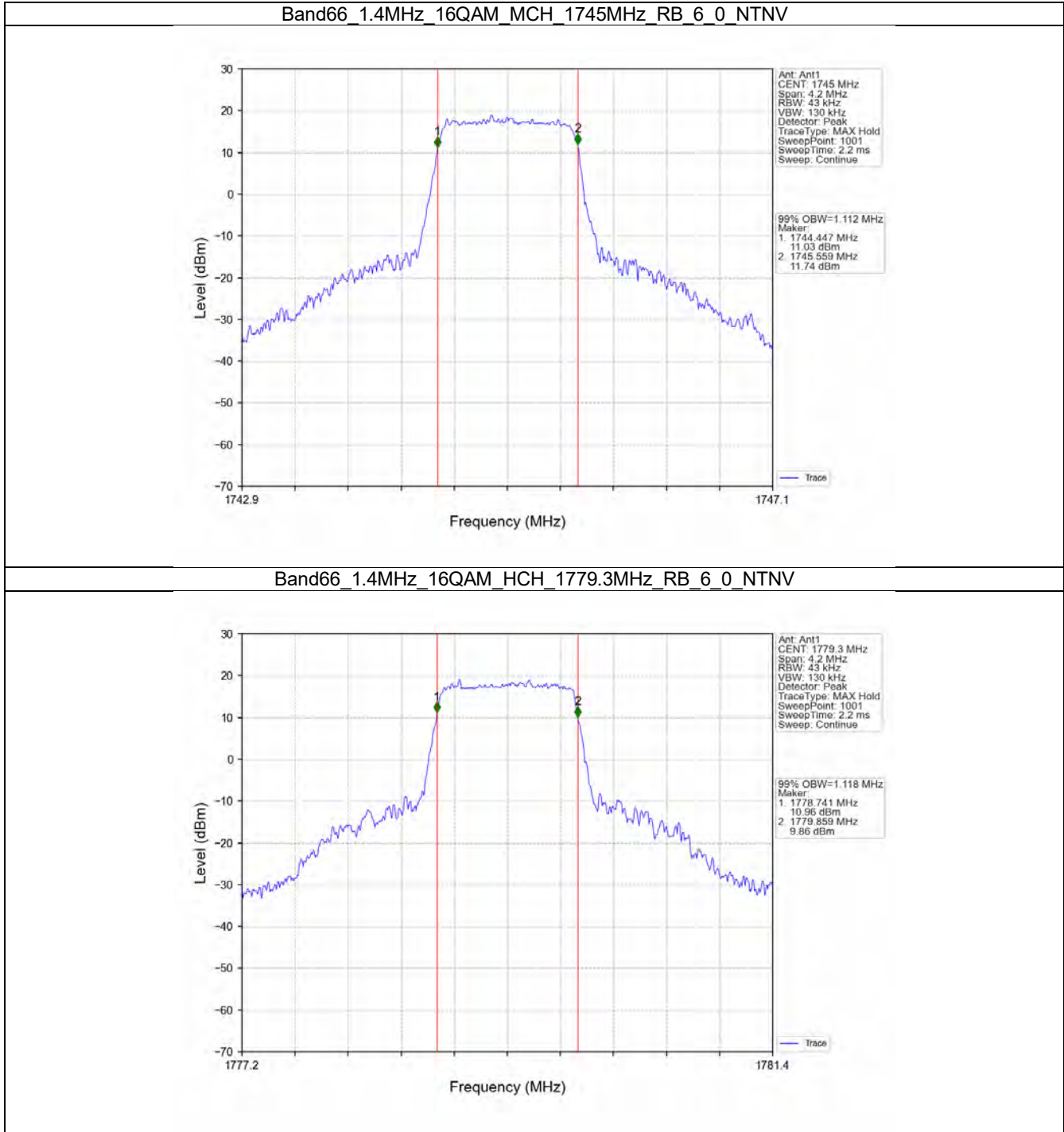
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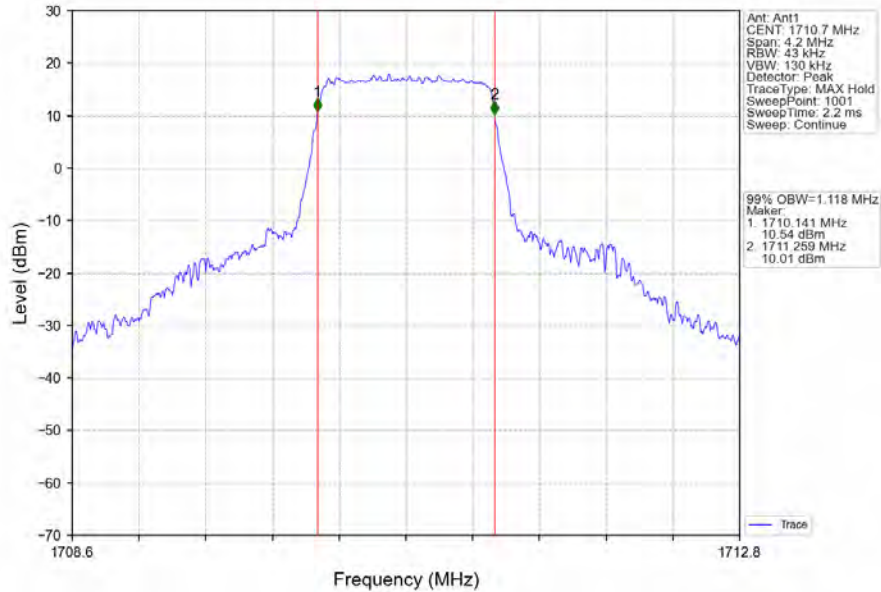
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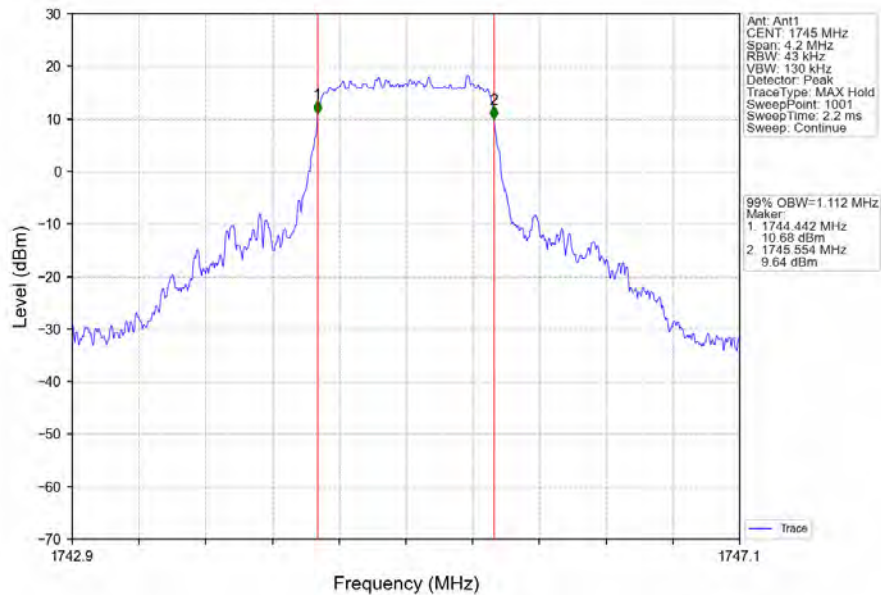
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Band66\_1.4MHz\_64QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



Band66\_1.4MHz\_64QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV



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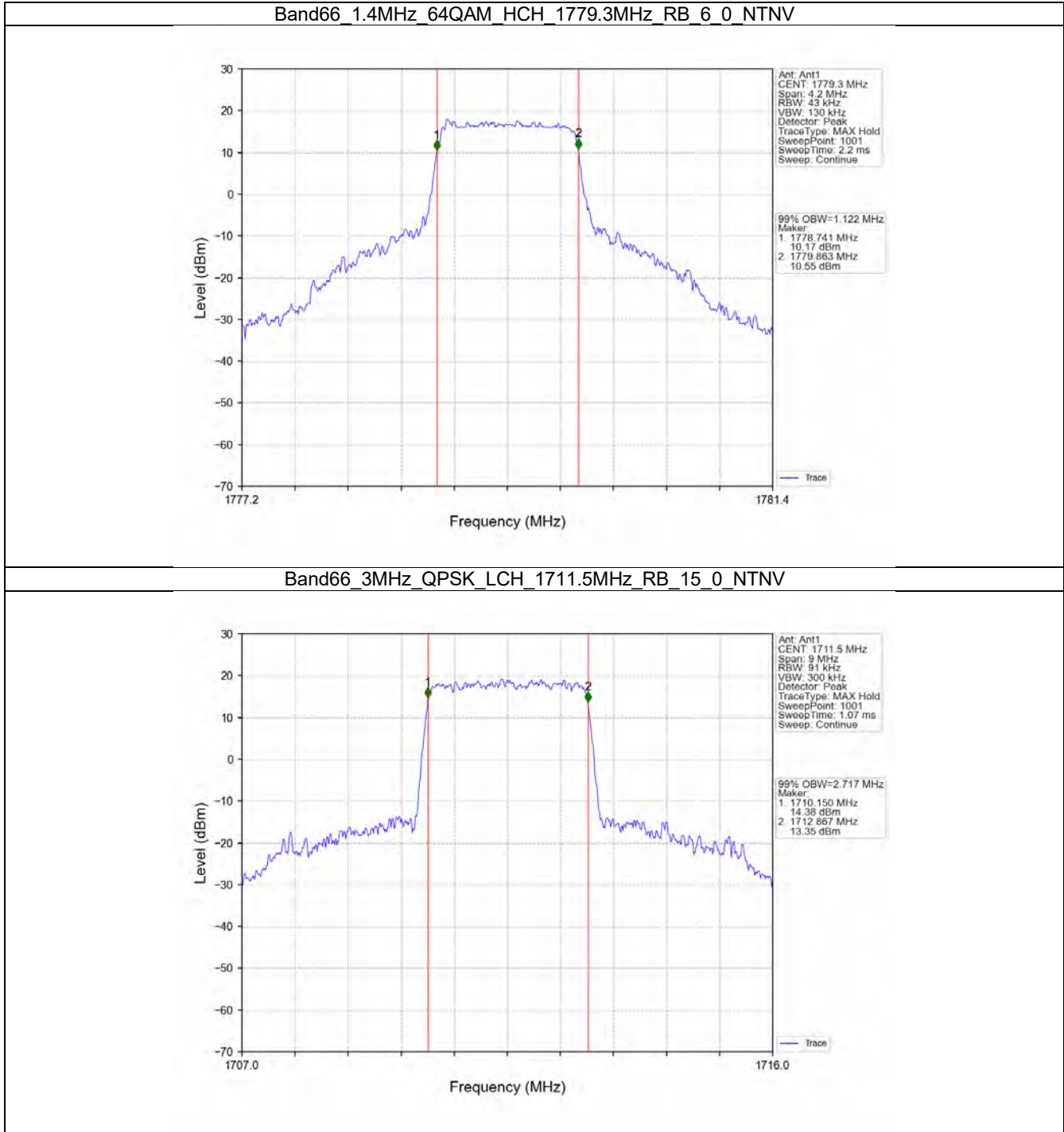
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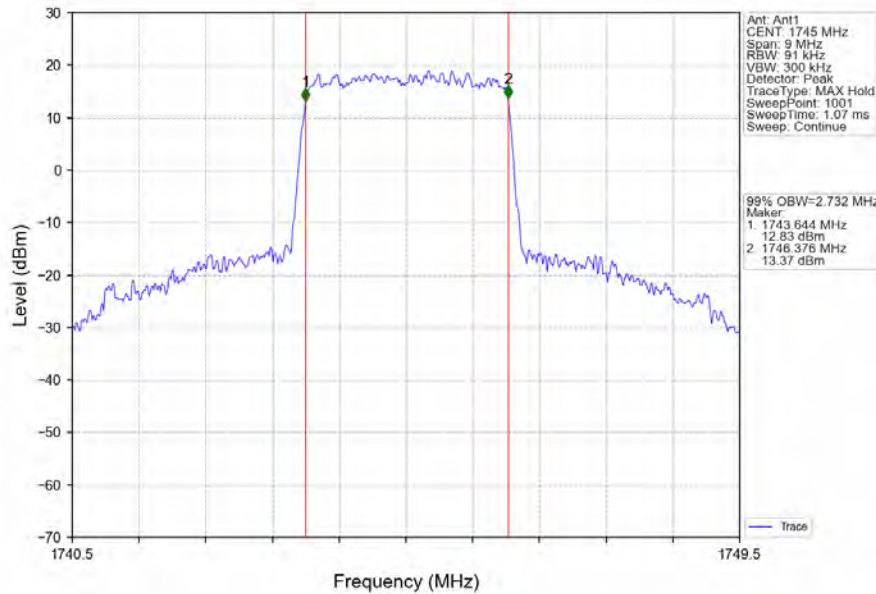
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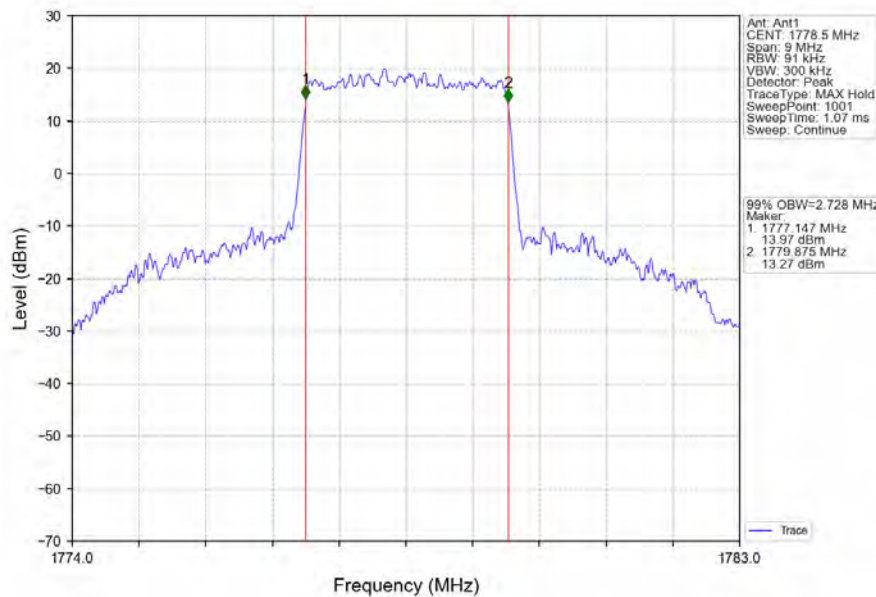
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Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_15\_0\_NTNV



Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



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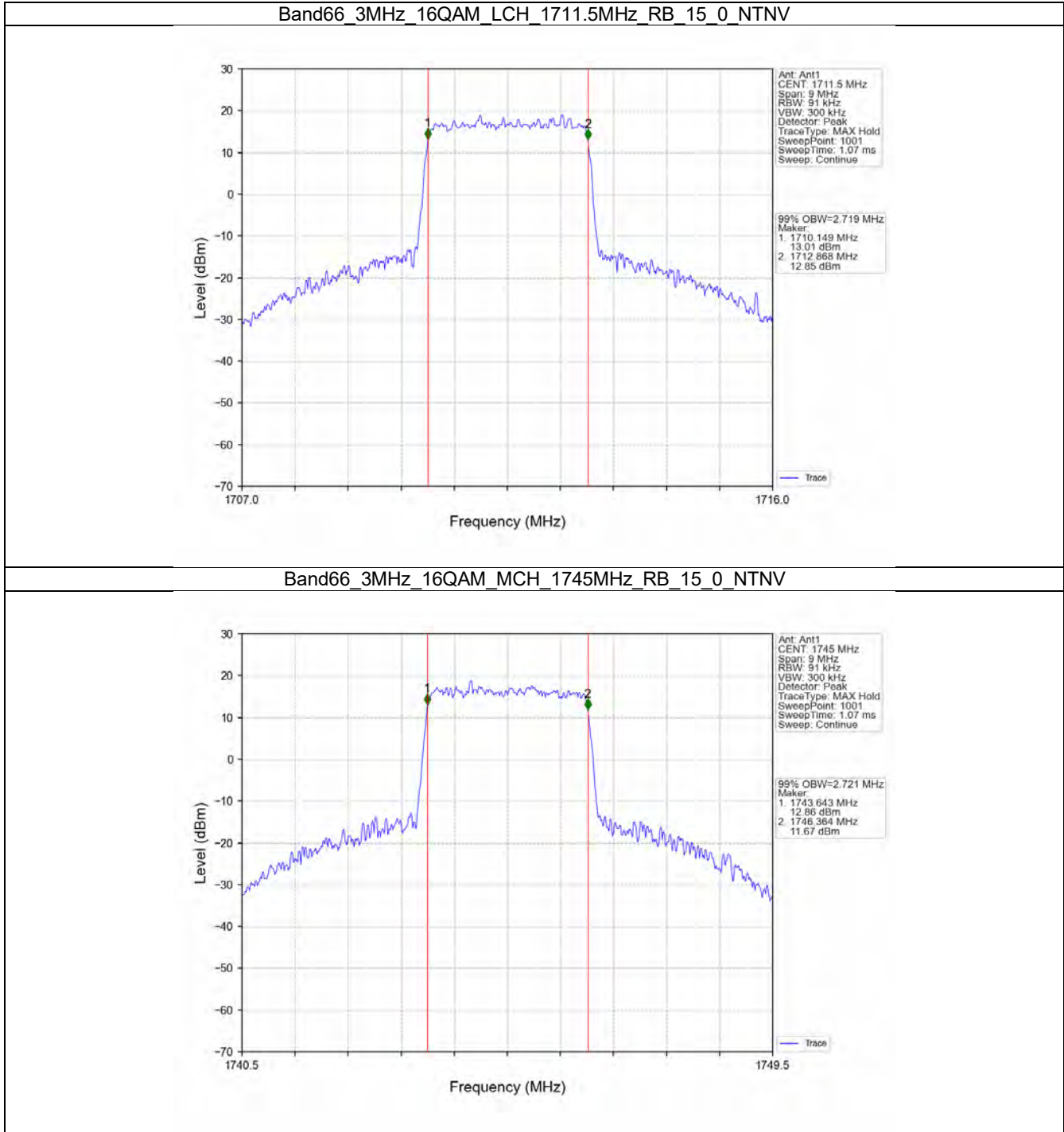
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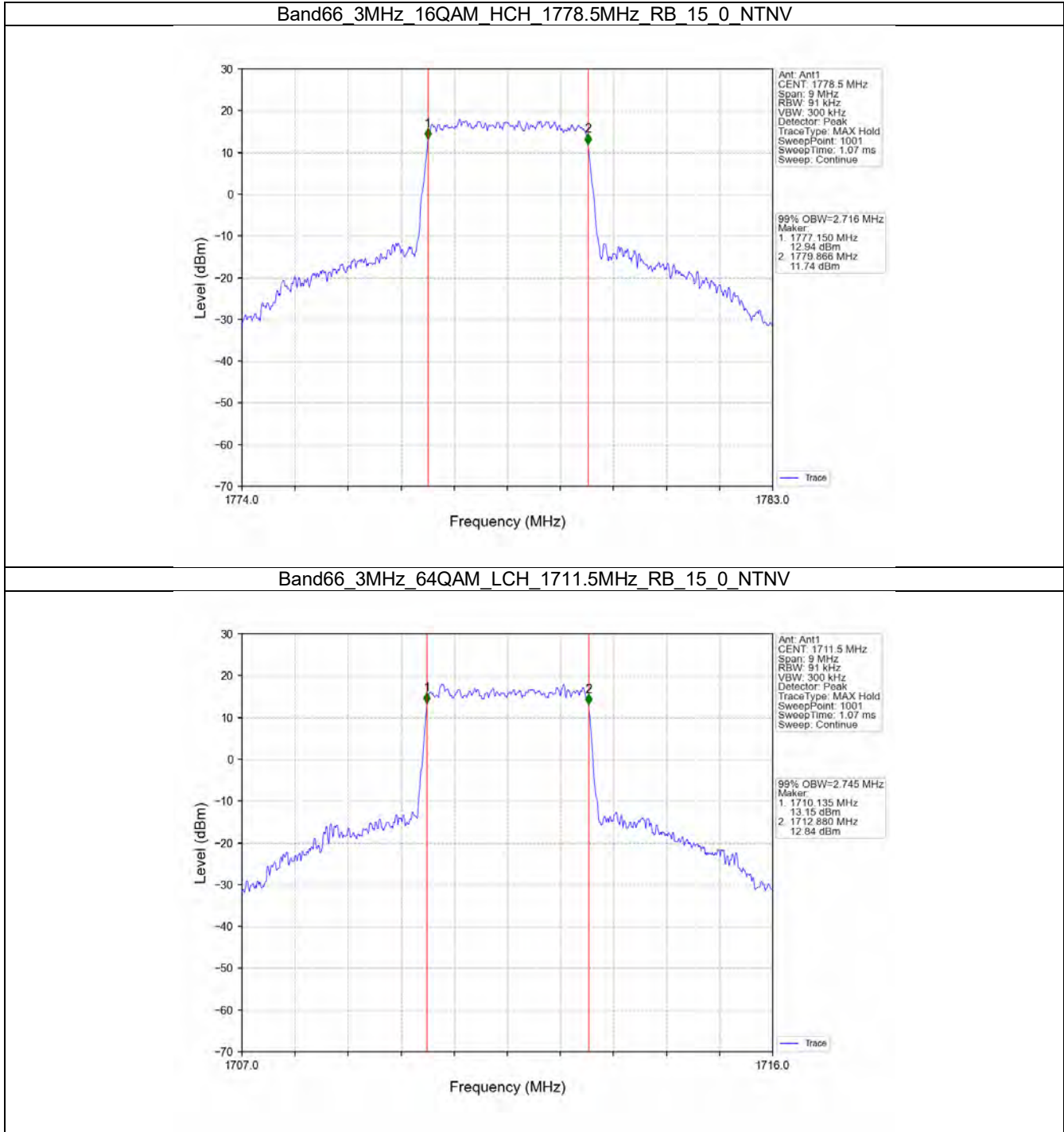
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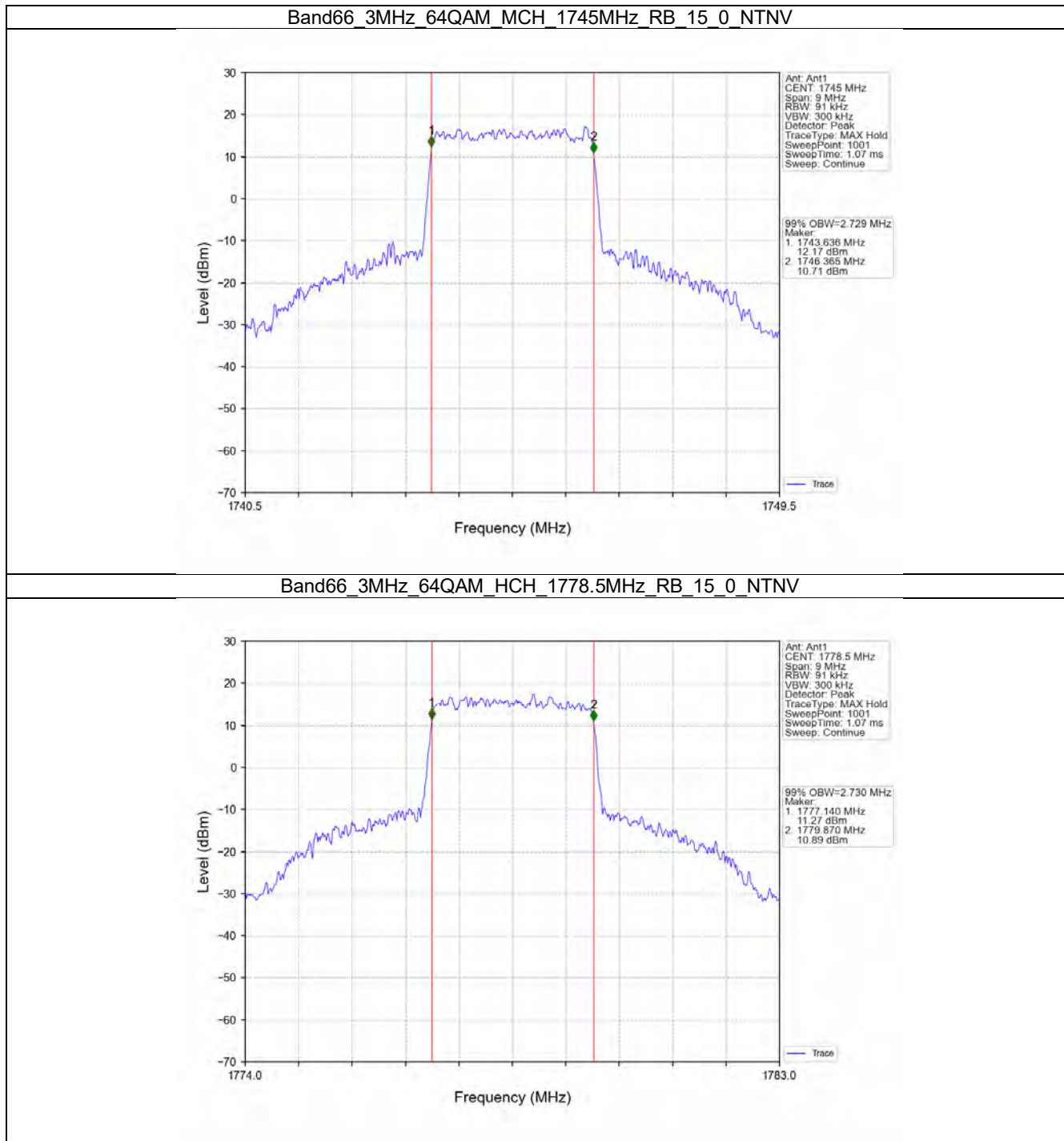
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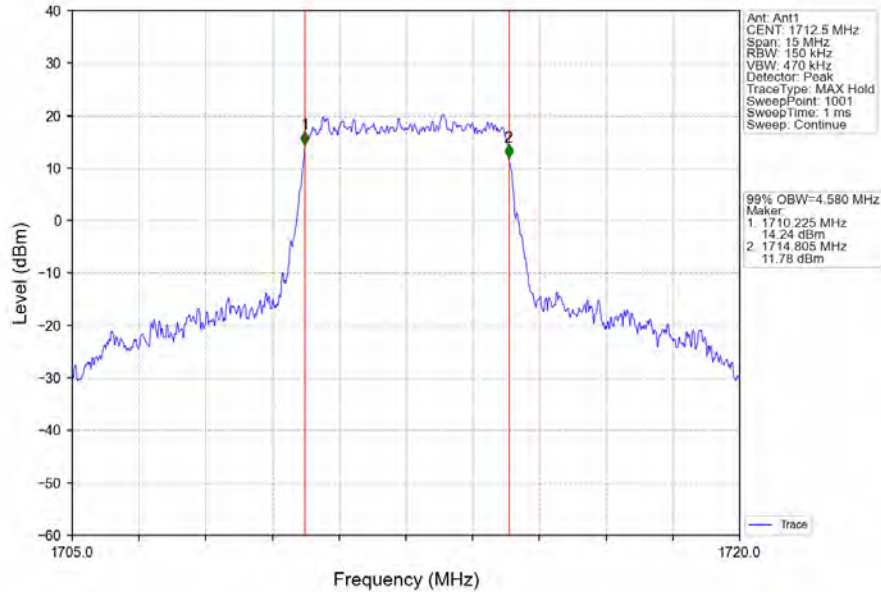




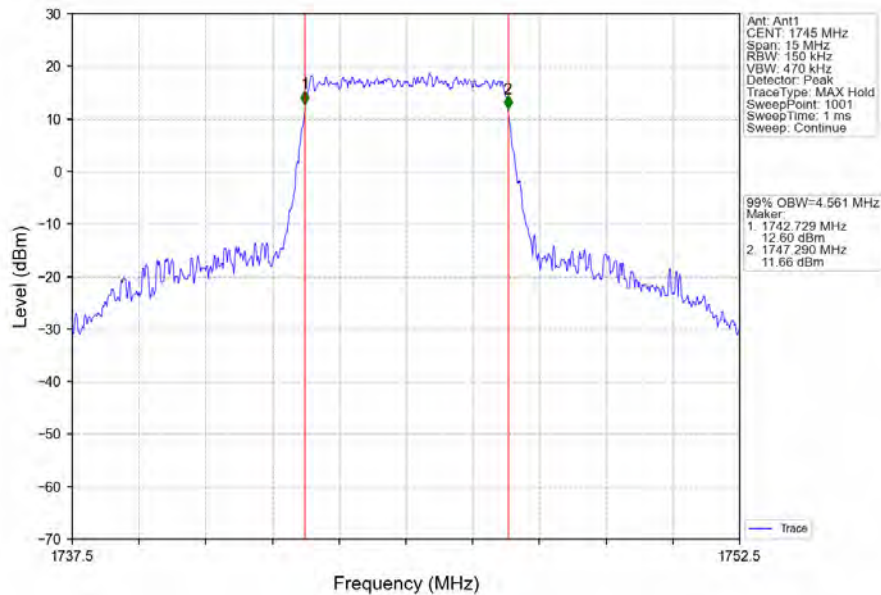
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Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_25\_0\_NTNV



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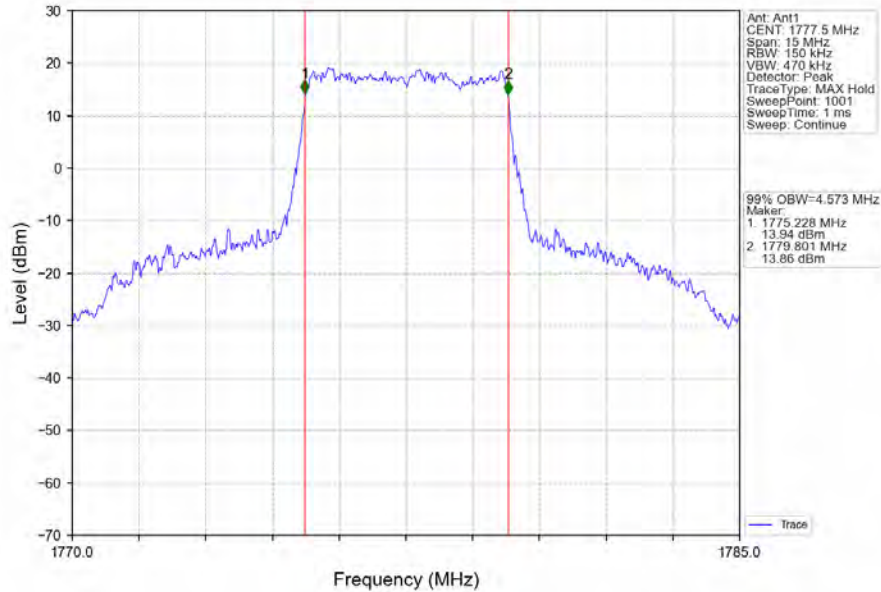
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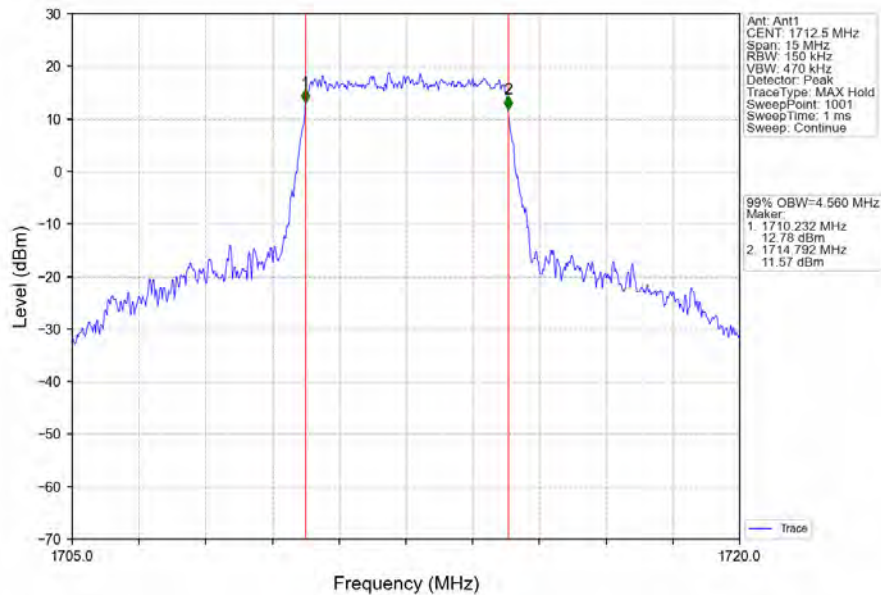
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Band66\_5MHz\_QPSK\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



Band66\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



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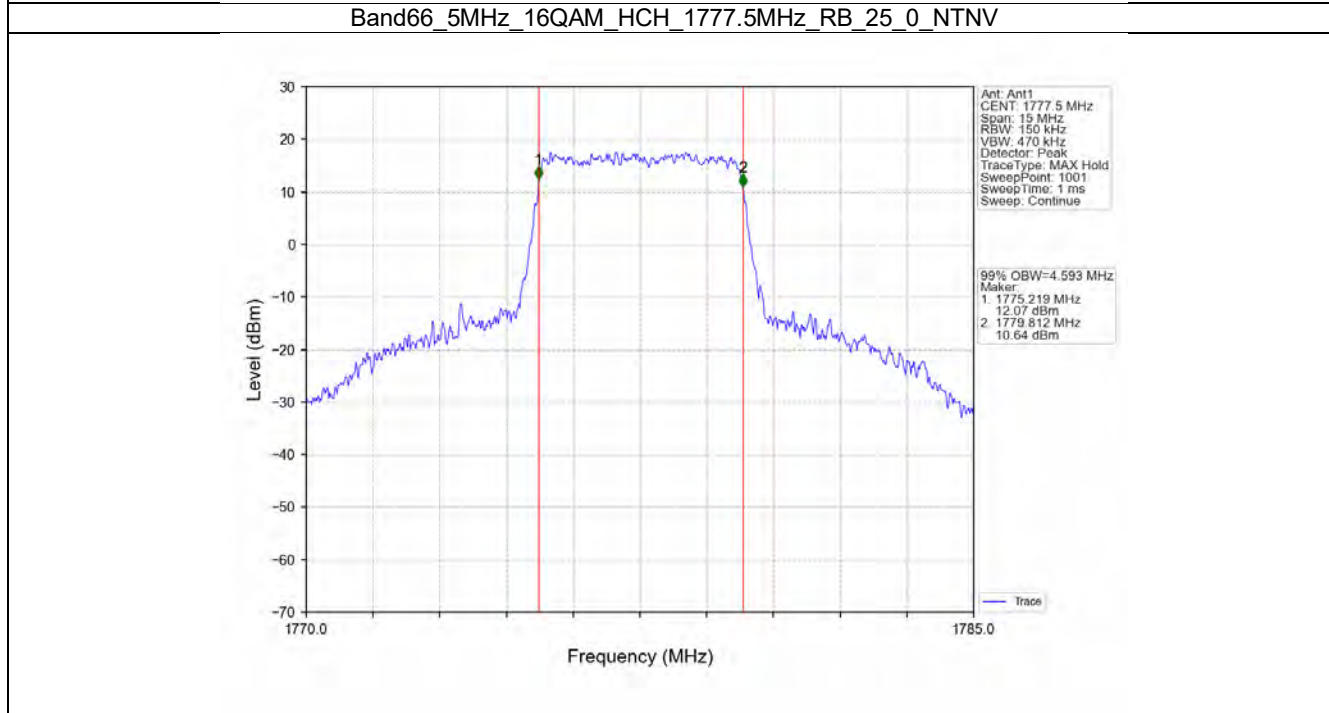
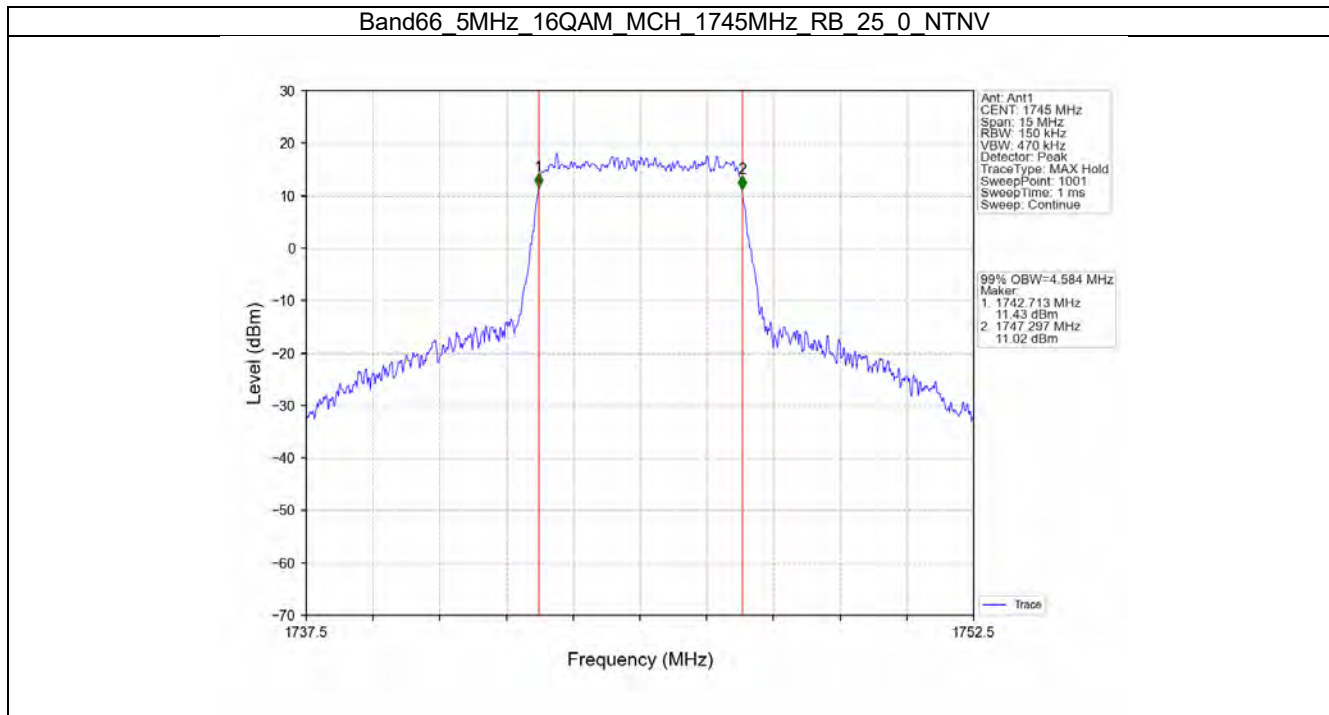
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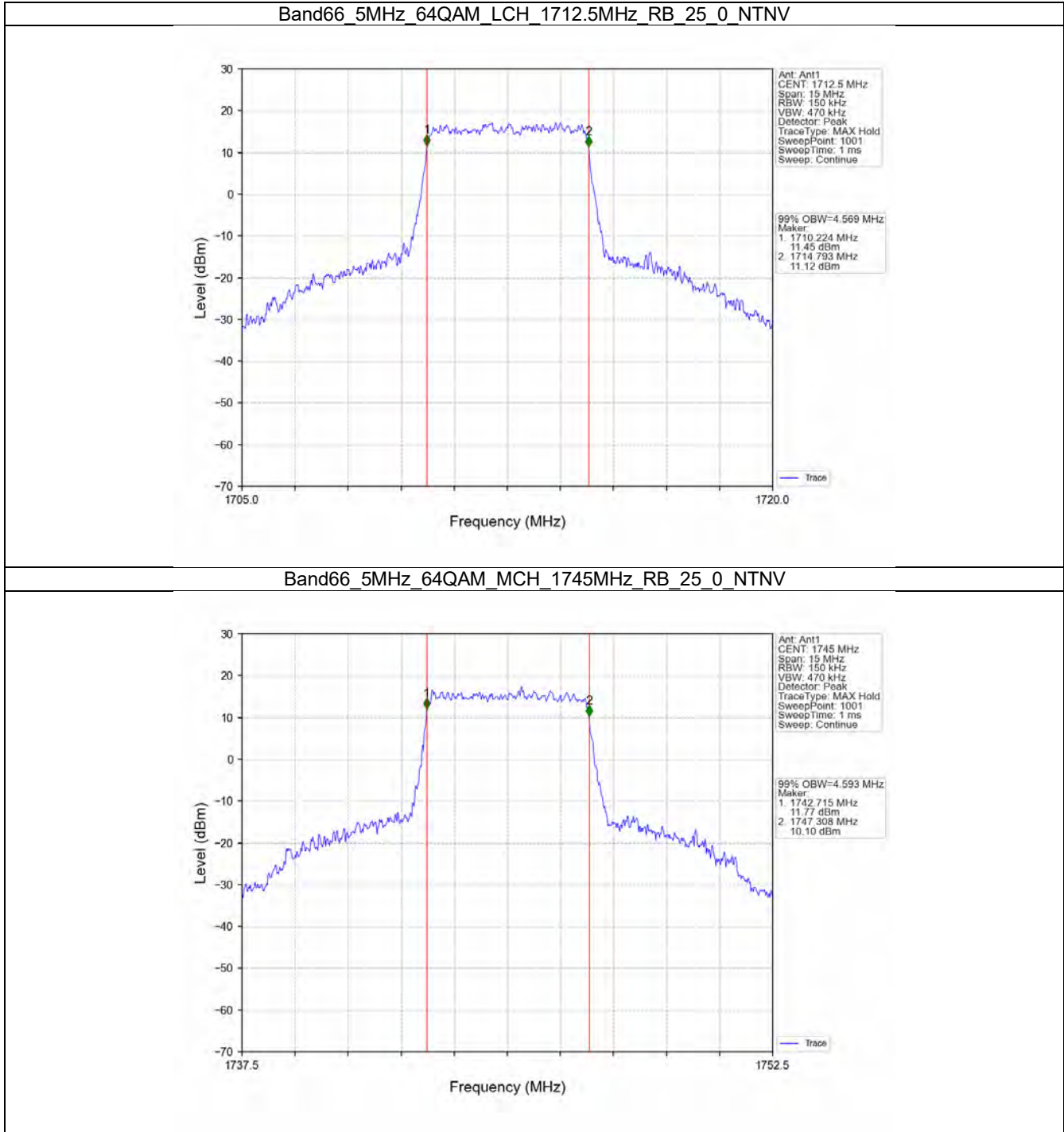
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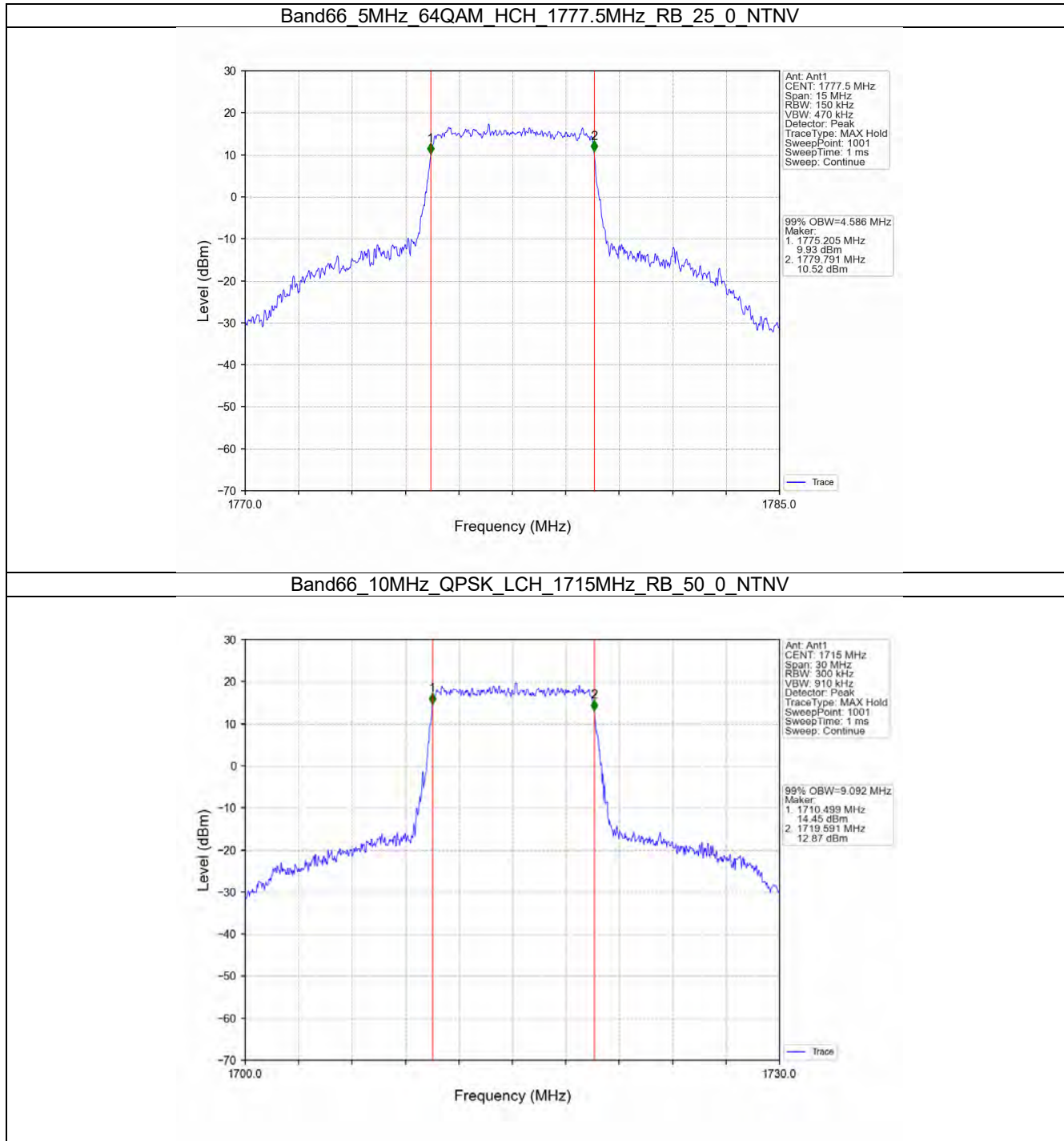
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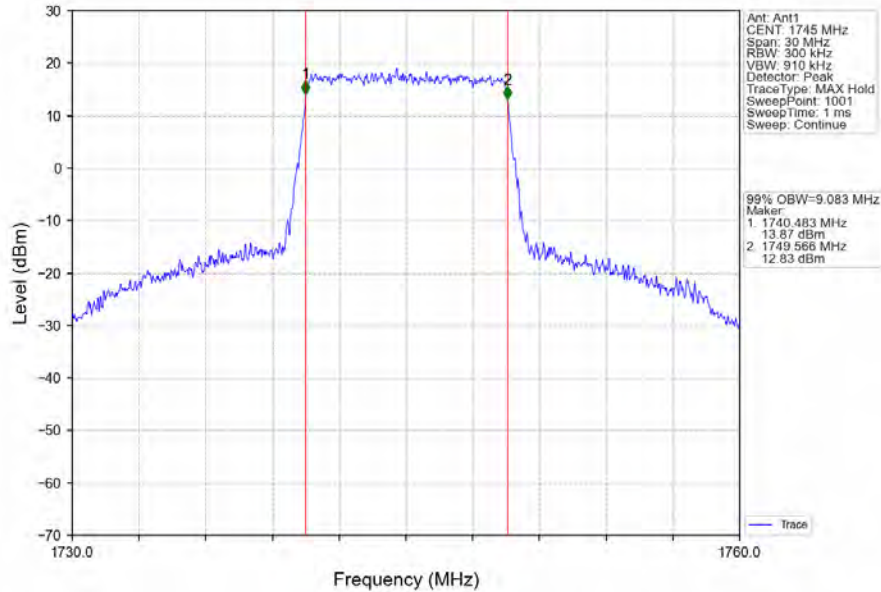




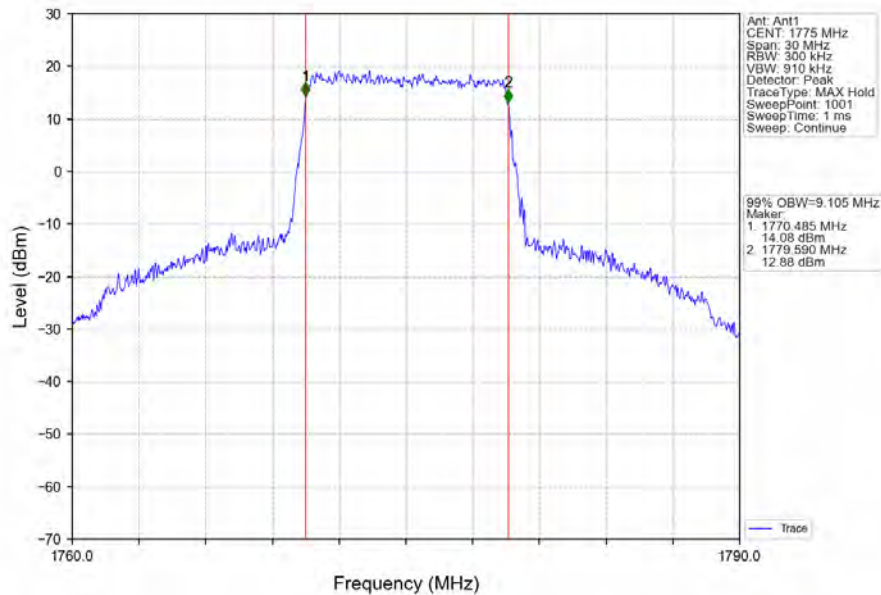
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Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_50\_0\_NTV



Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_50\_0\_NTV



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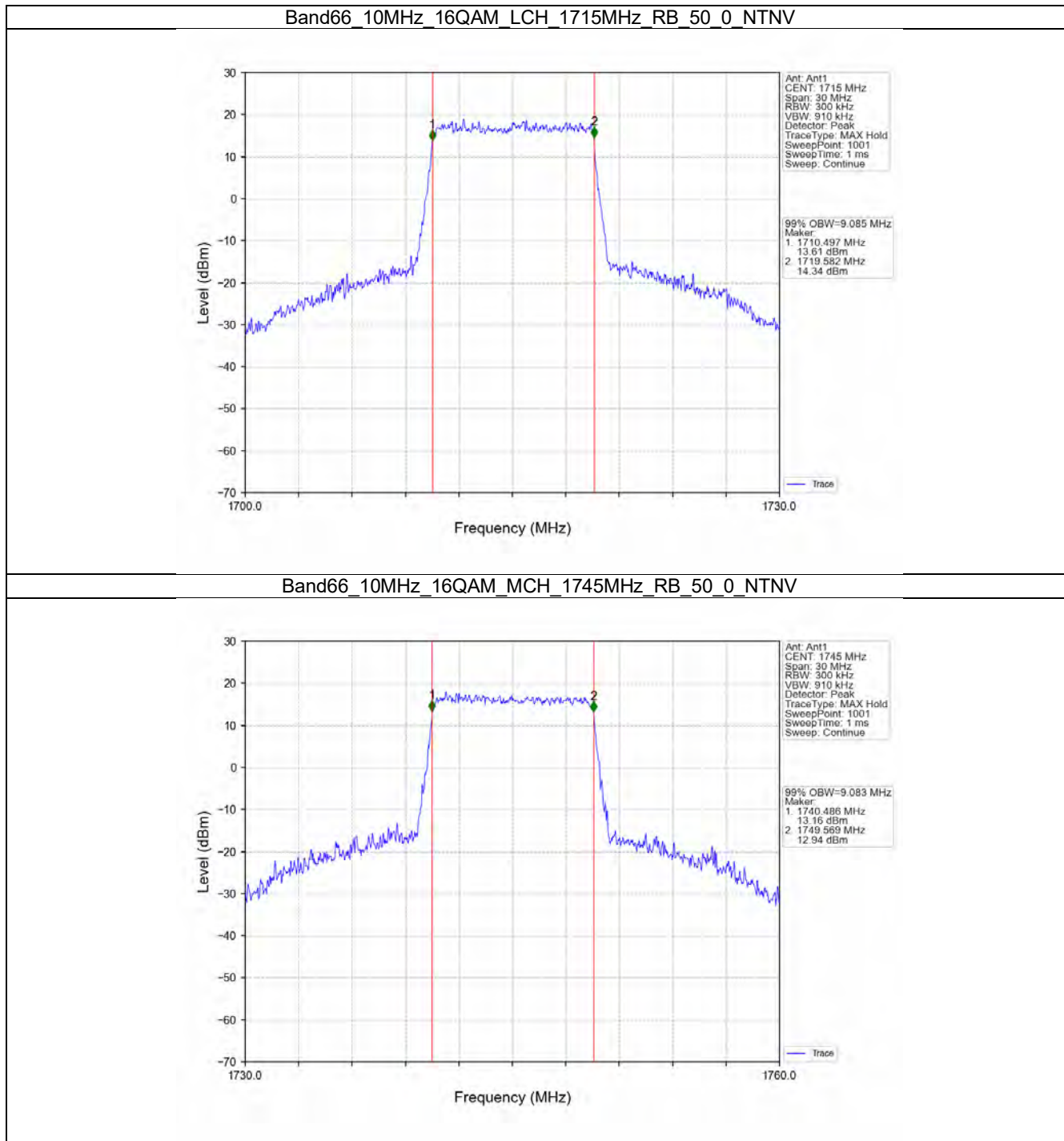


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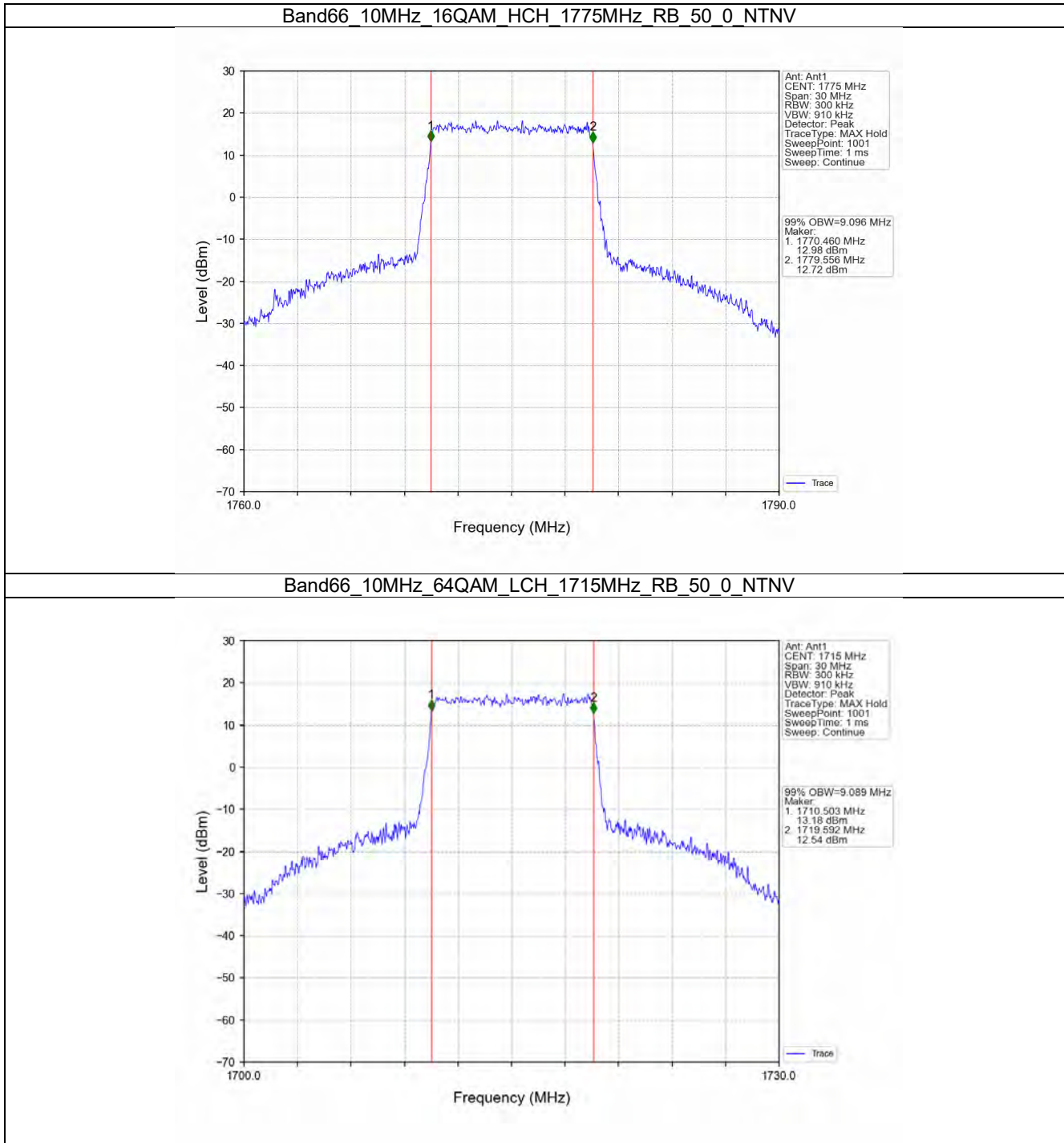
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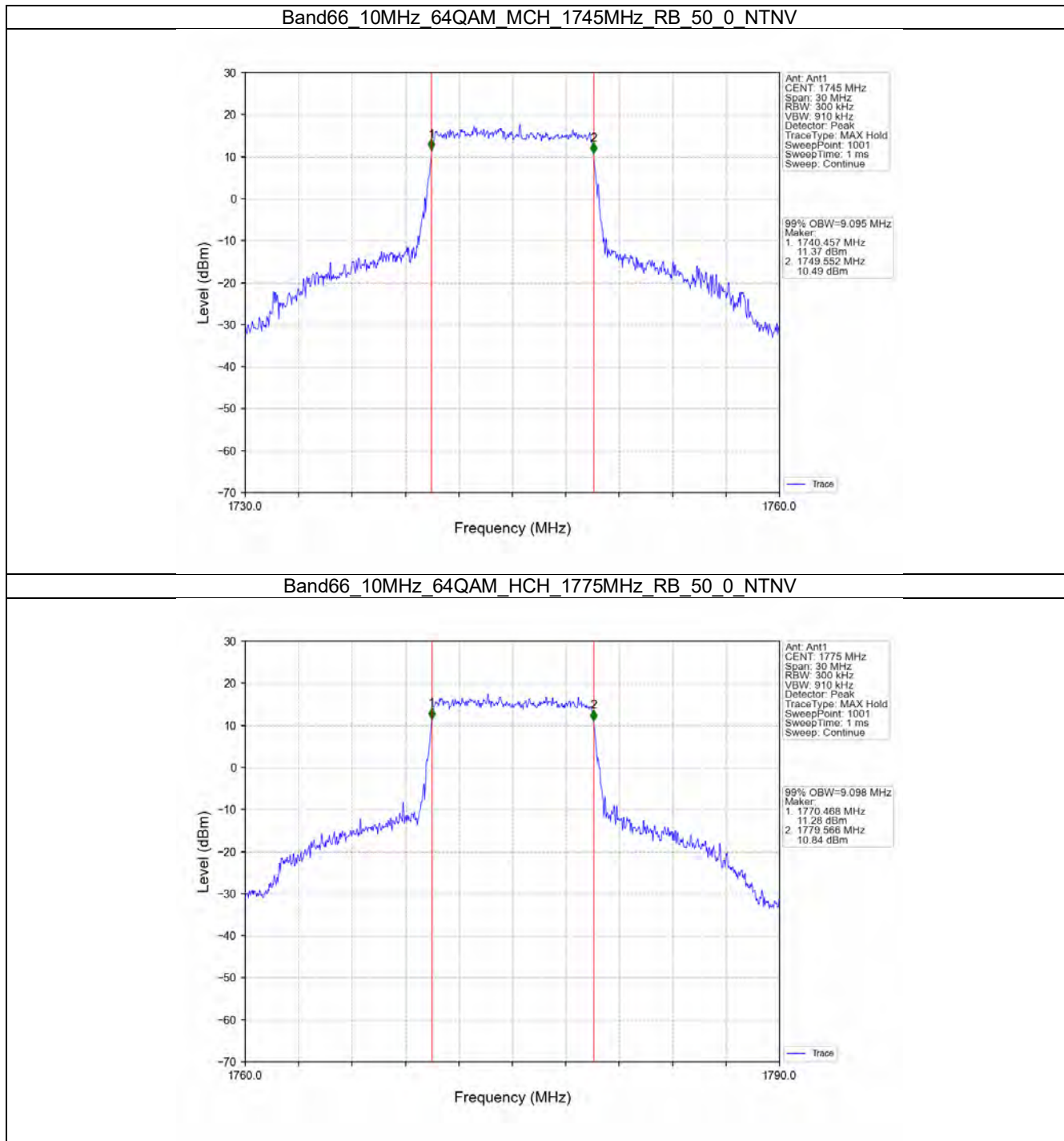


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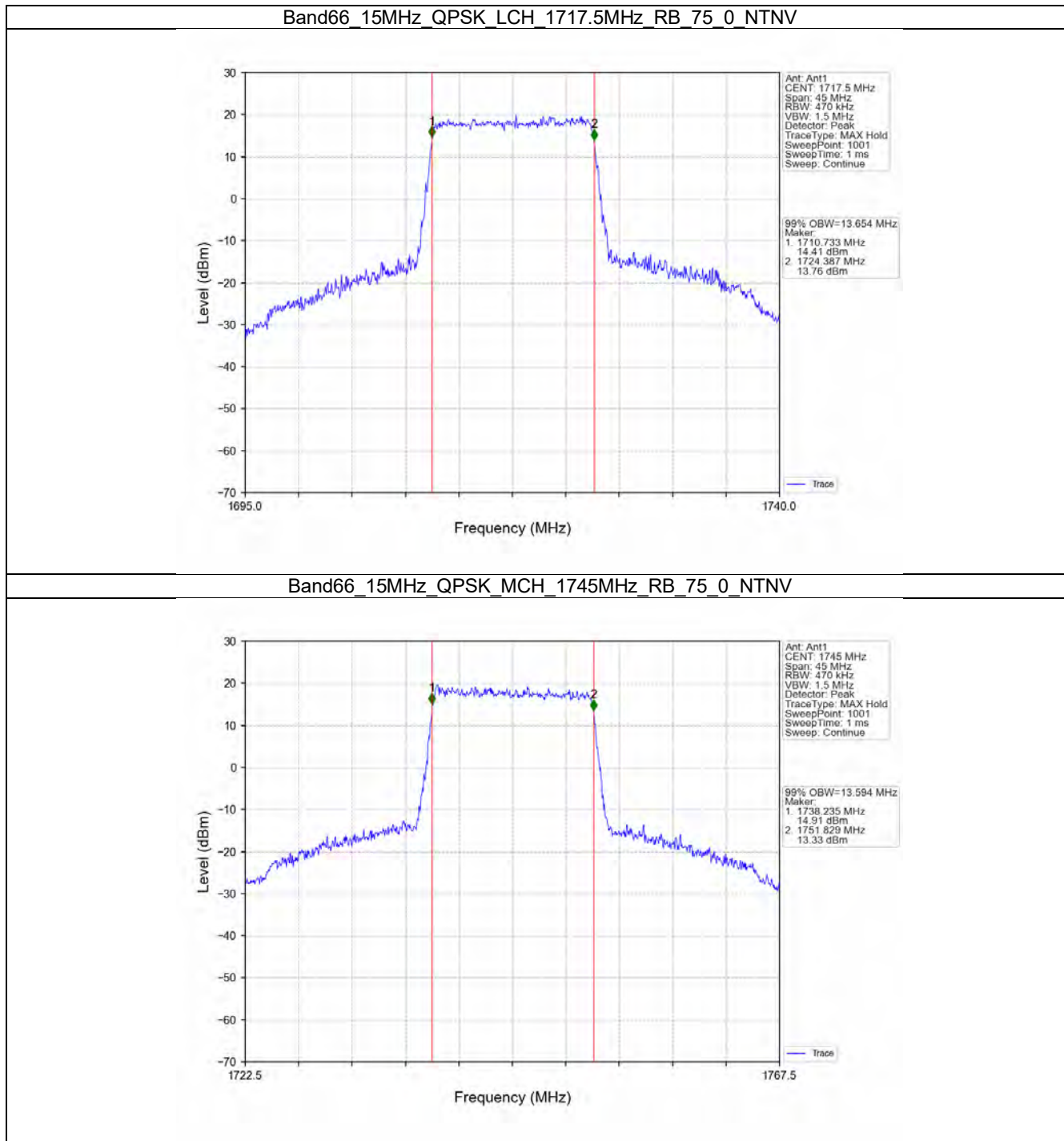


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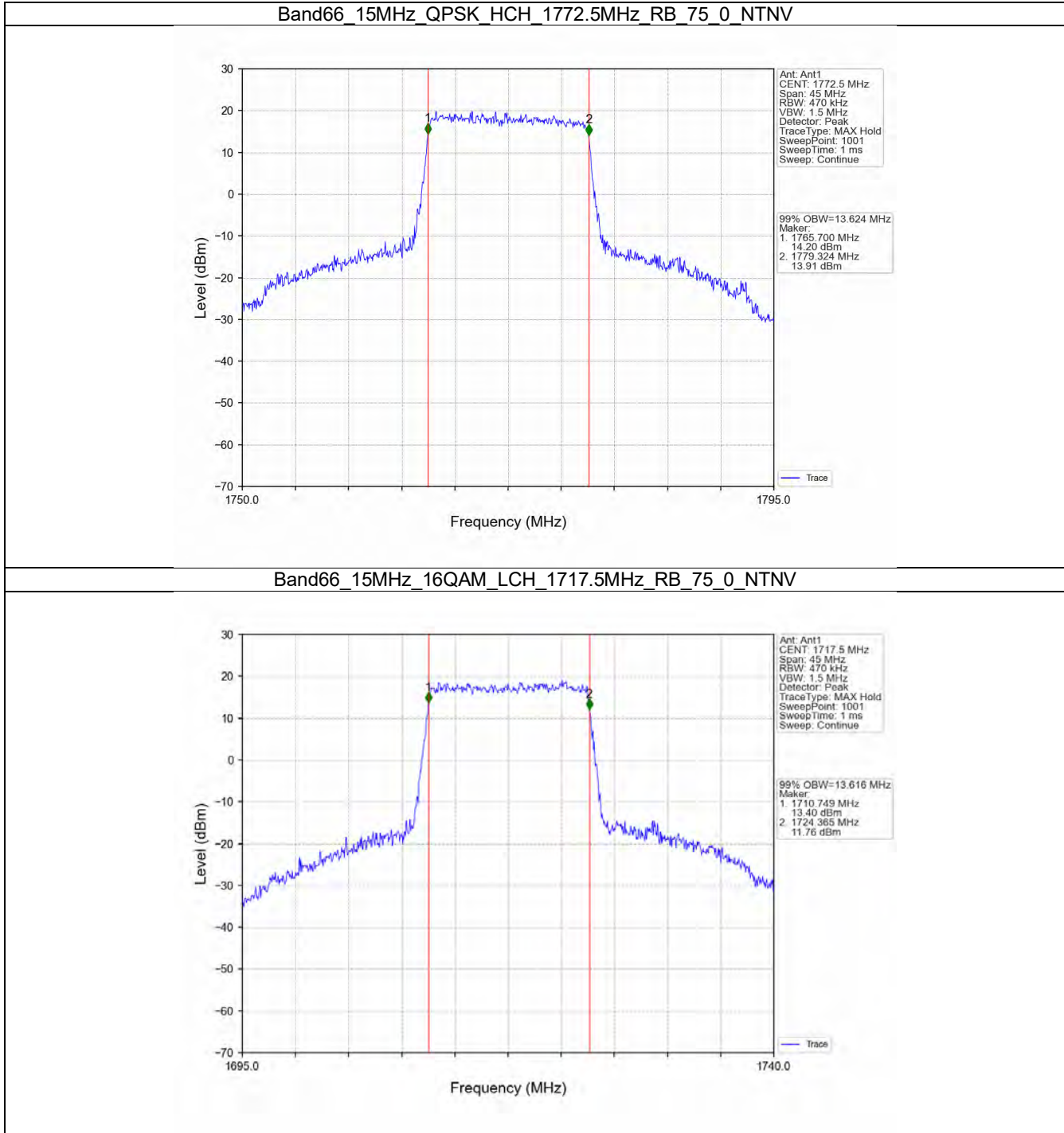
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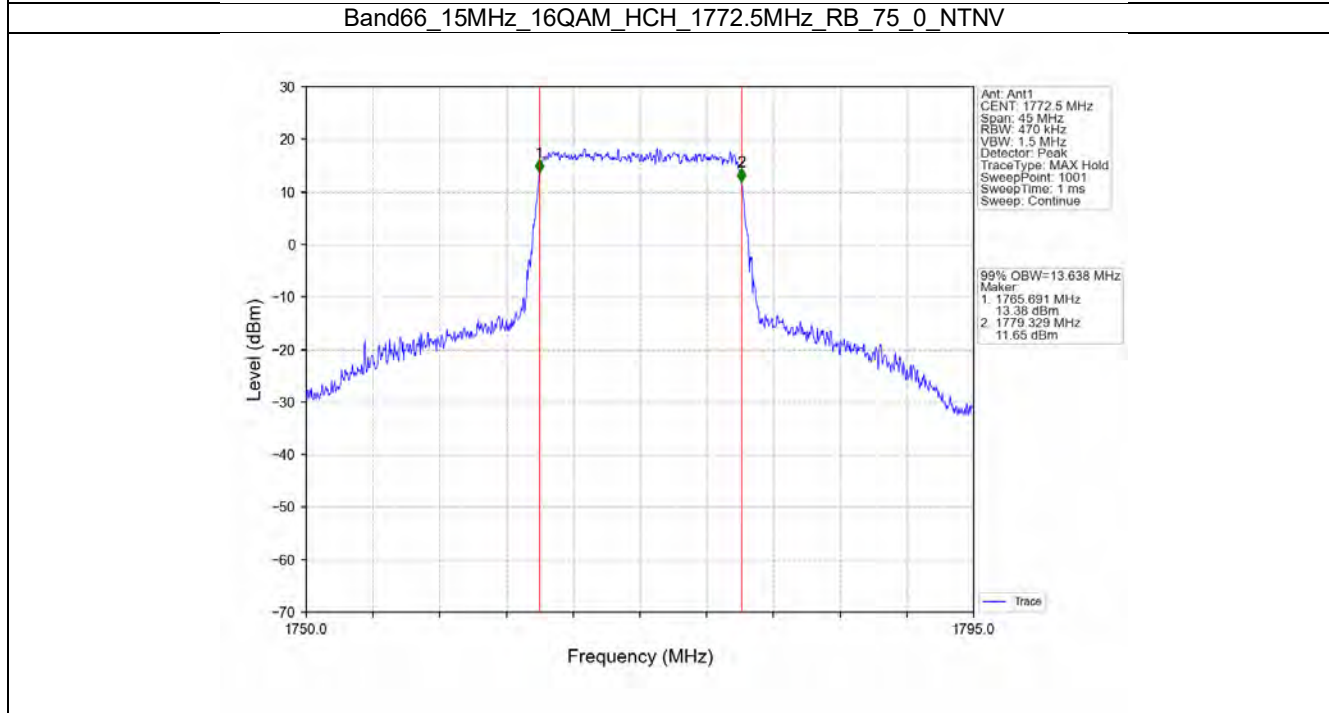
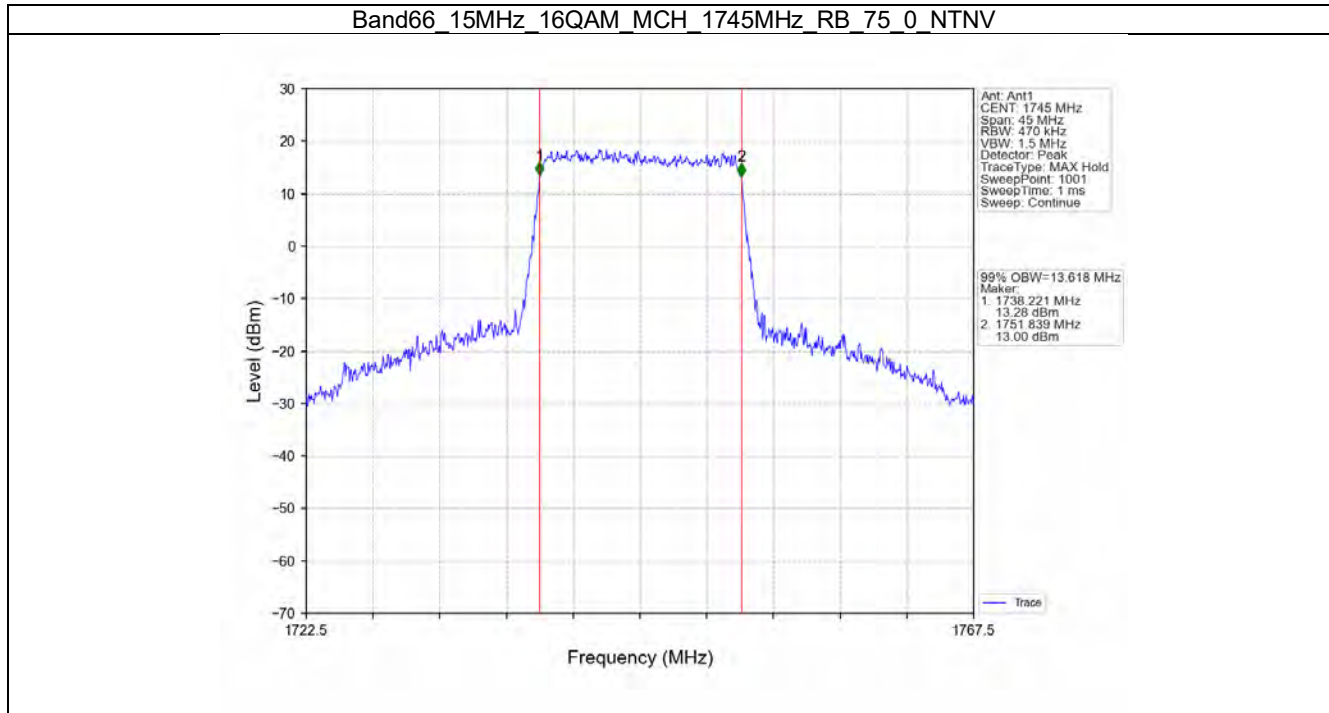
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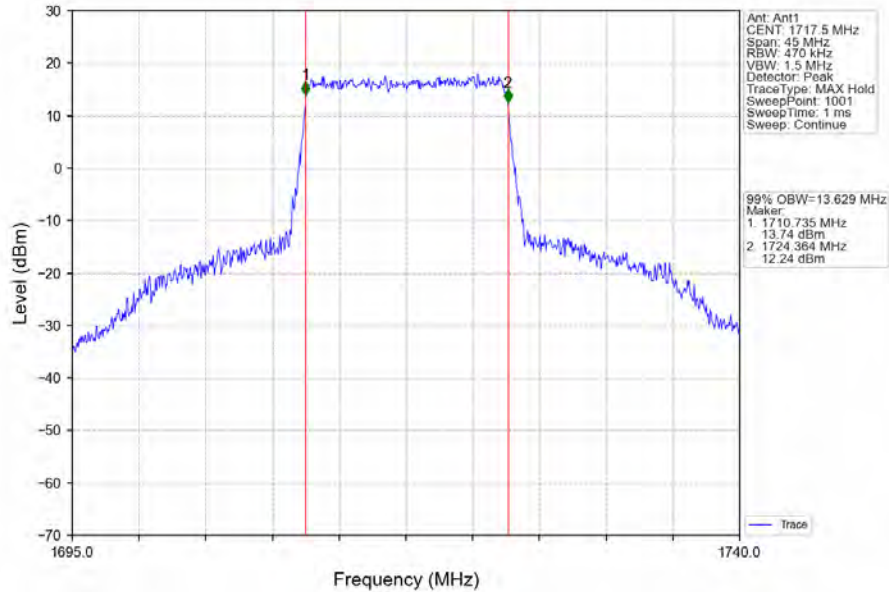




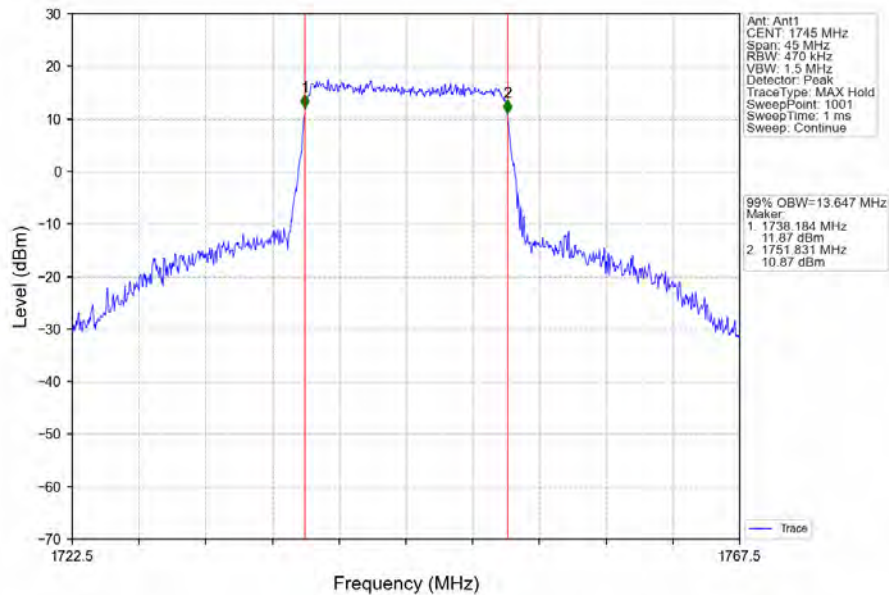
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Band66\_15MHz\_64QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



Band66\_15MHz\_64QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV



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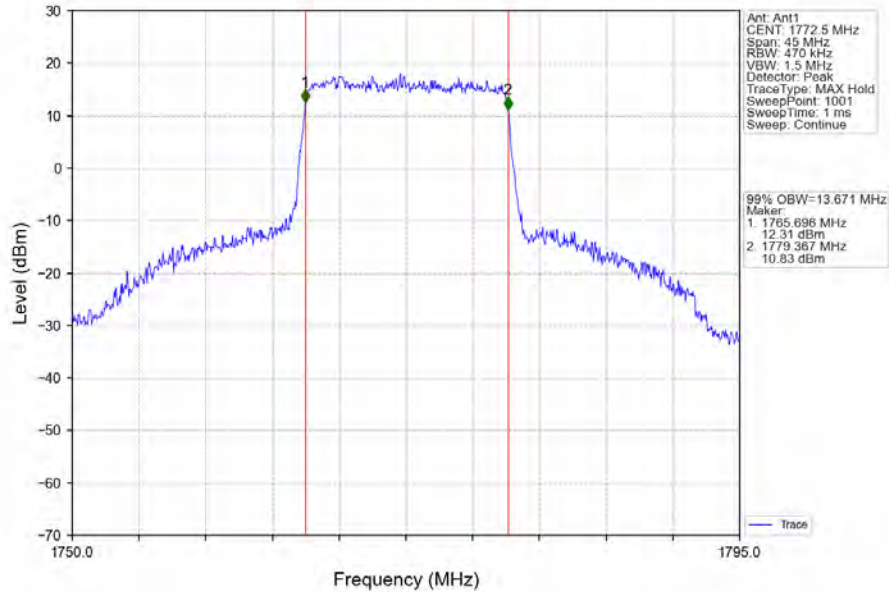
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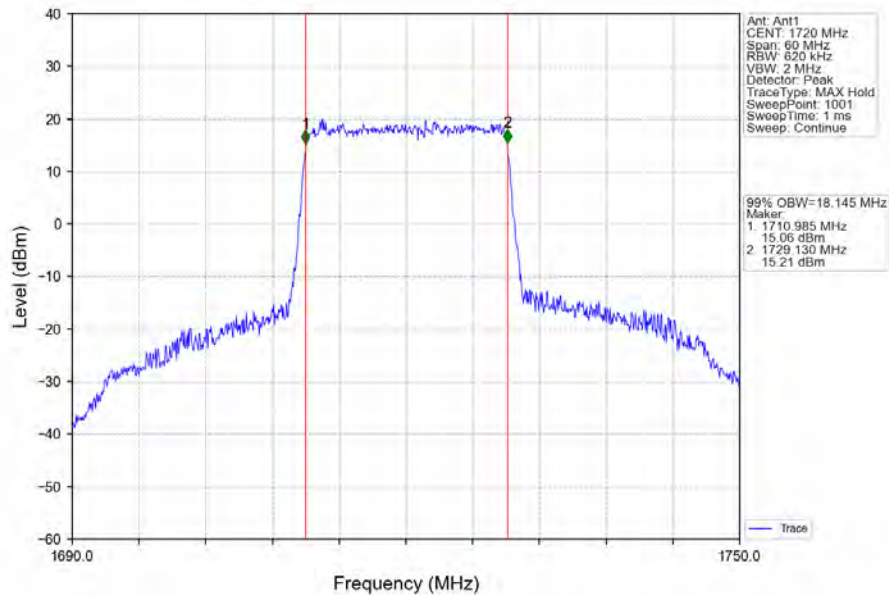
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Band66\_15MHz\_64QAM\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



Band66\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_100\_0\_NTNV



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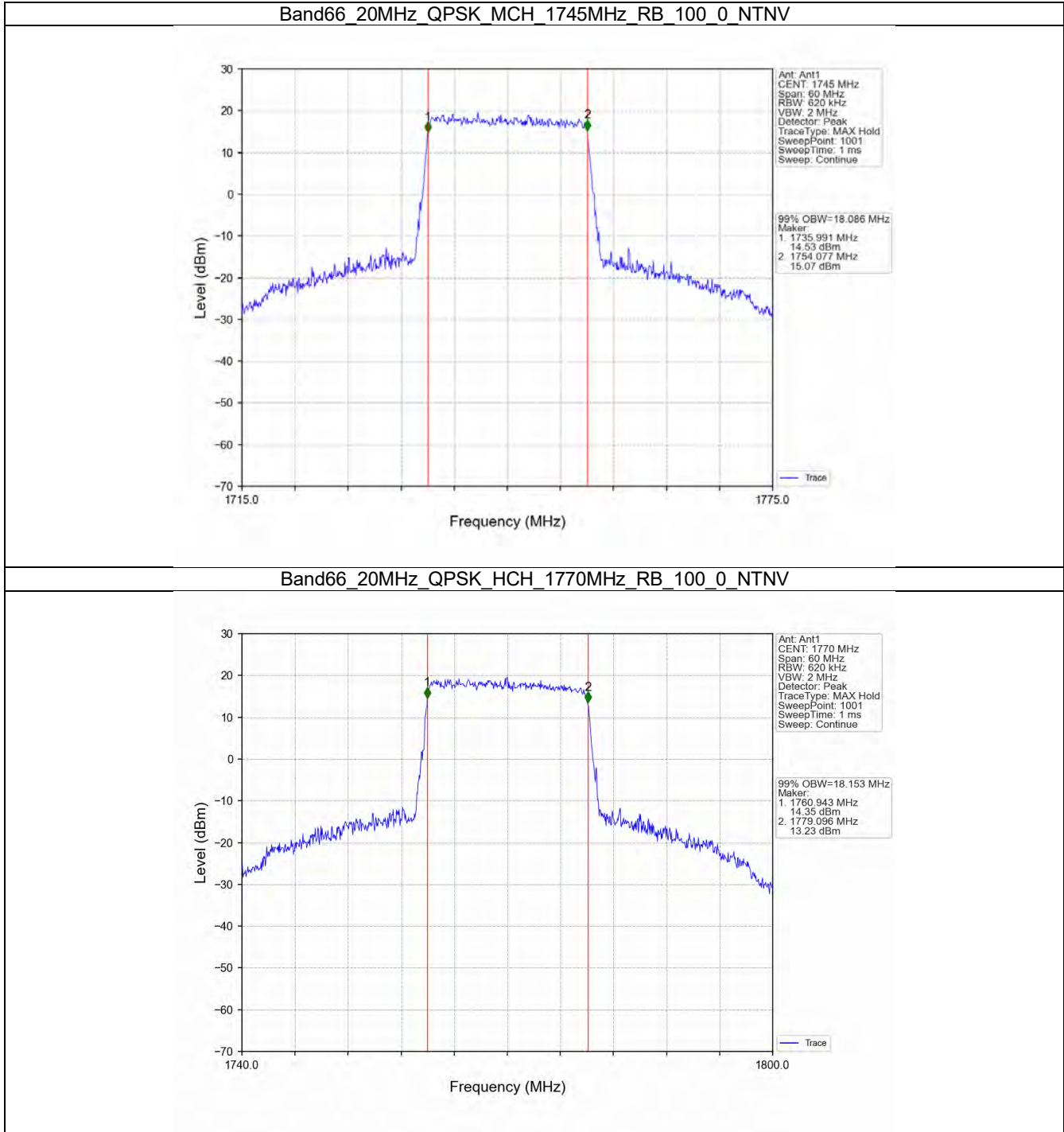
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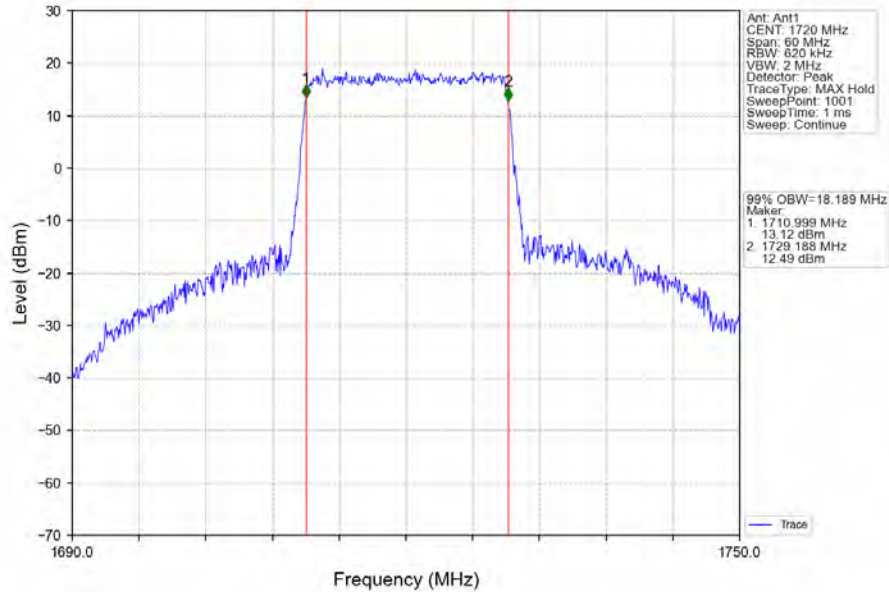




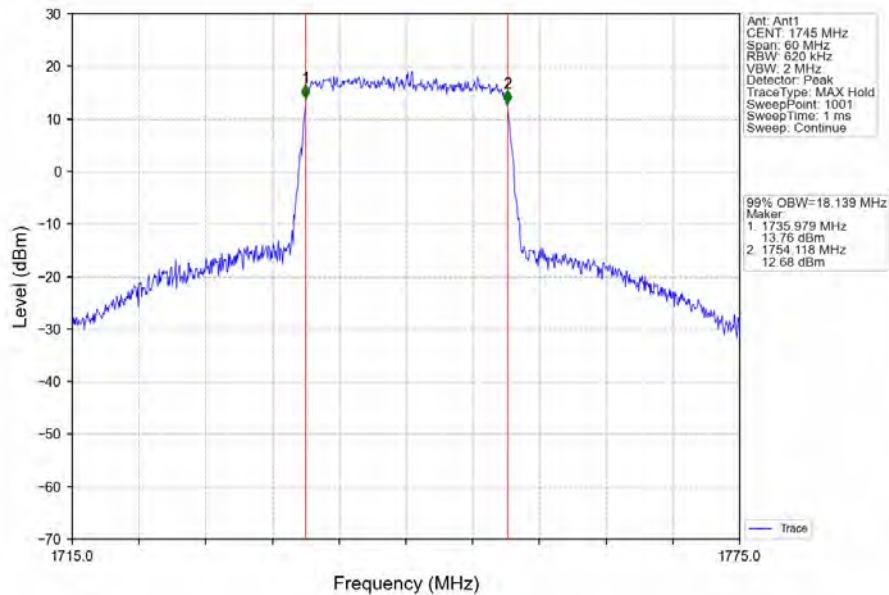
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Band66\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV



Band66\_20MHz\_16QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV



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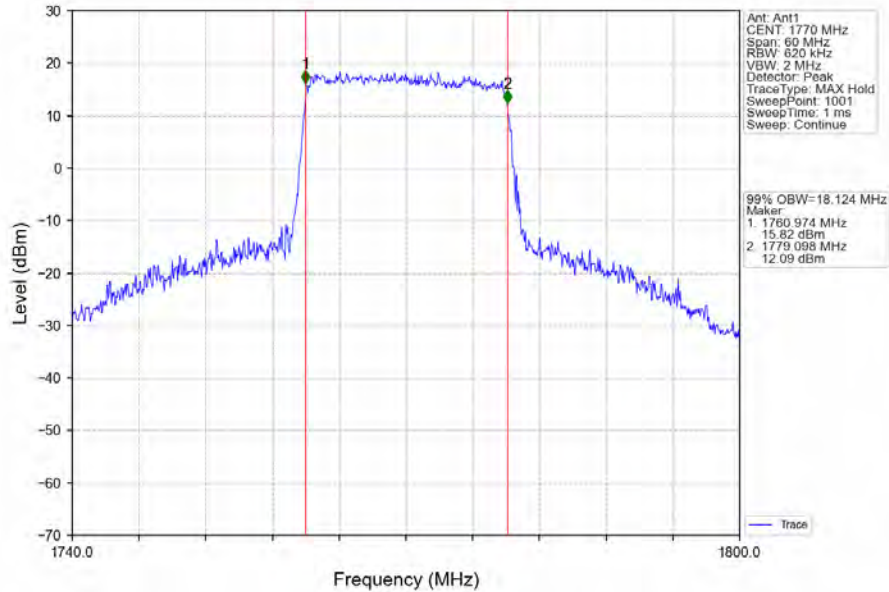




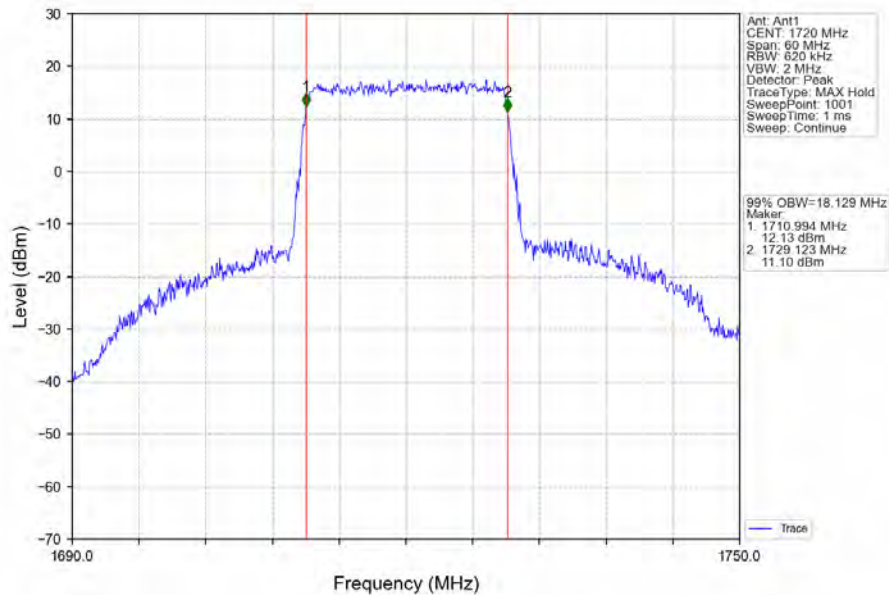
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Band66\_20MHz\_16QAM\_HCH\_1770MHz\_RB\_100\_0\_NTNV



Band66\_20MHz\_64QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV



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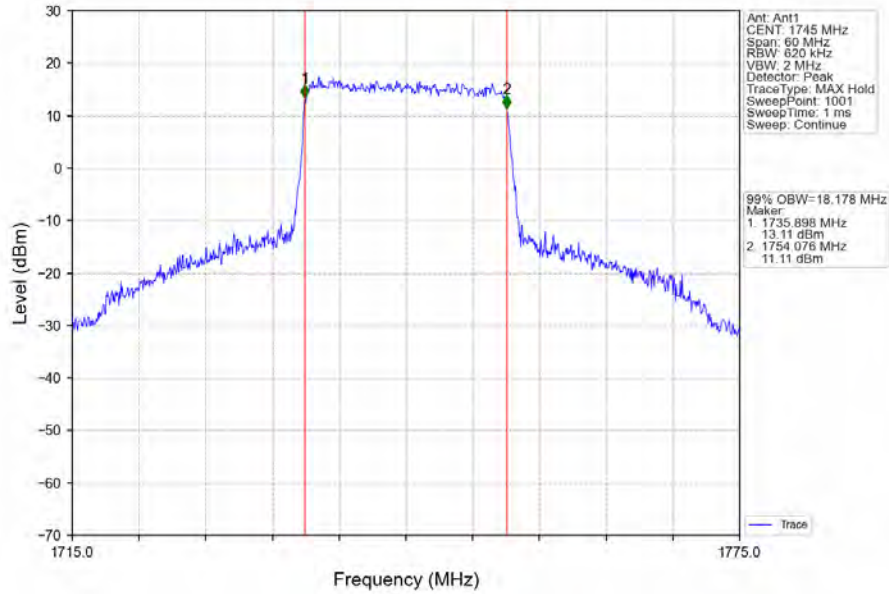
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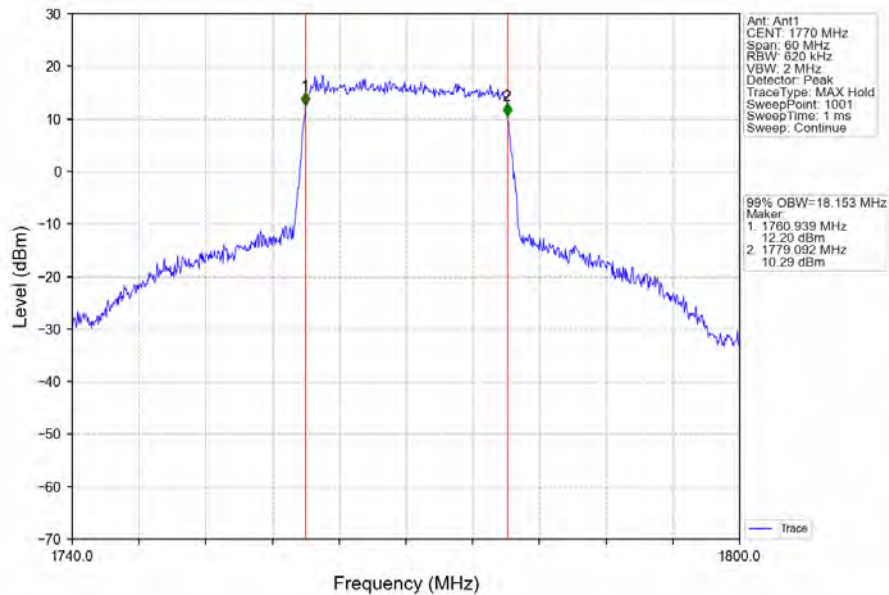
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Band66\_20MHz\_64QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV



Band66\_20MHz\_64QAM\_HCH\_1770MHz\_RB\_100\_0\_NTNV



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## 4.2 Band66\_XDB

### 4.2.1 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	1.317	/	Pass
		1745	6	0	1.318	/	Pass
		1779.3	6	0	1.347	/	Pass
	16QAM	1710.7	6	0	1.313	/	Pass
		1745	6	0	1.321	/	Pass
		1779.3	6	0	1.316	/	Pass
	64QAM	1710.7	6	0	1.325	/	Pass
		1745	6	0	1.337	/	Pass
		1779.3	6	0	1.400	/	Pass
3	QPSK	1711.5	15	0	3.020	/	Pass
		1745	15	0	3.000	/	Pass
		1778.5	15	0	2.990	/	Pass
	16QAM	1711.5	15	0	2.975	/	Pass
		1745	15	0	2.982	/	Pass
		1778.5	15	0	2.999	/	Pass
	64QAM	1711.5	15	0	2.991	/	Pass
		1745	15	0	2.983	/	Pass
		1778.5	15	0	3.022	/	Pass
5	QPSK	1712.5	25	0	5.255	/	Pass
		1745	25	0	5.213	/	Pass
		1777.5	25	0	5.240	/	Pass
	16QAM	1712.5	25	0	5.313	/	Pass
		1745	25	0	5.259	/	Pass
		1777.5	25	0	5.374	/	Pass
	64QAM	1712.5	25	0	5.310	/	Pass
		1745	25	0	5.281	/	Pass
		1777.5	25	0	5.243	/	Pass
10	QPSK	1715	50	0	10.308	/	Pass
		1745	50	0	10.181	/	Pass
		1775	50	0	10.293	/	Pass
	16QAM	1715	50	0	10.235	/	Pass
		1745	50	0	10.193	/	Pass
		1775	50	0	10.307	/	Pass
	64QAM	1715	50	0	10.167	/	Pass
		1745	50	0	10.263	/	Pass
		1775	50	0	11.370	/	Pass
15	QPSK	1717.5	75	0	15.455	/	Pass
		1745	75	0	15.186	/	Pass
		1772.5	75	0	15.441	/	Pass



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	16QAM	1717.5	75	0	15.249	/	Pass
		1745	75	0	15.312	/	Pass
		1772.5	75	0	15.339	/	Pass
	64QAM	1717.5	75	0	15.479	/	Pass
		1745	75	0	15.644	/	Pass
		1772.5	75	0	15.222	/	Pass
20	QPSK	1720	100	0	19.934	/	Pass
		1745	100	0	20.145	/	Pass
		1770	100	0	20.239	/	Pass
	16QAM	1720	100	0	20.147	/	Pass
		1745	100	0	19.956	/	Pass
		1770	100	0	20.180	/	Pass
	64QAM	1720	100	0	20.257	/	Pass
		1745	100	0	19.948	/	Pass
		1770	100	0	19.935	/	Pass



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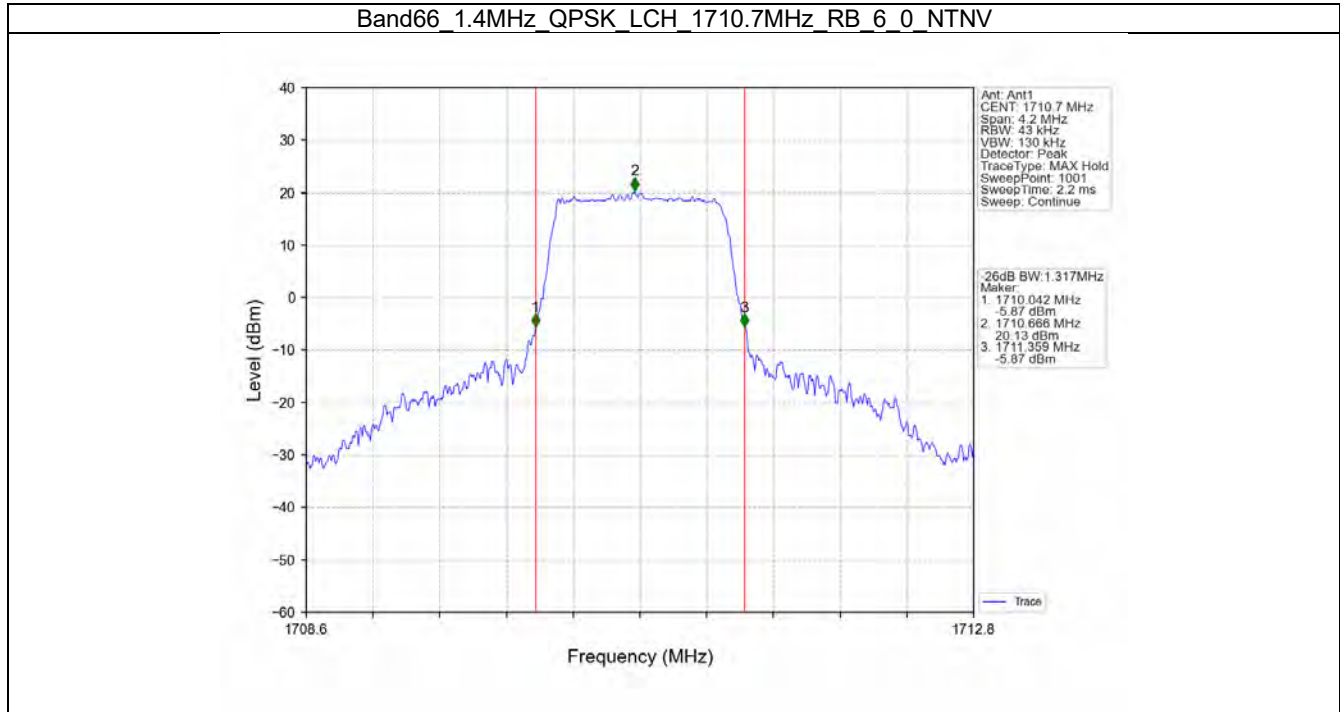




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4.2.2 Test Graph



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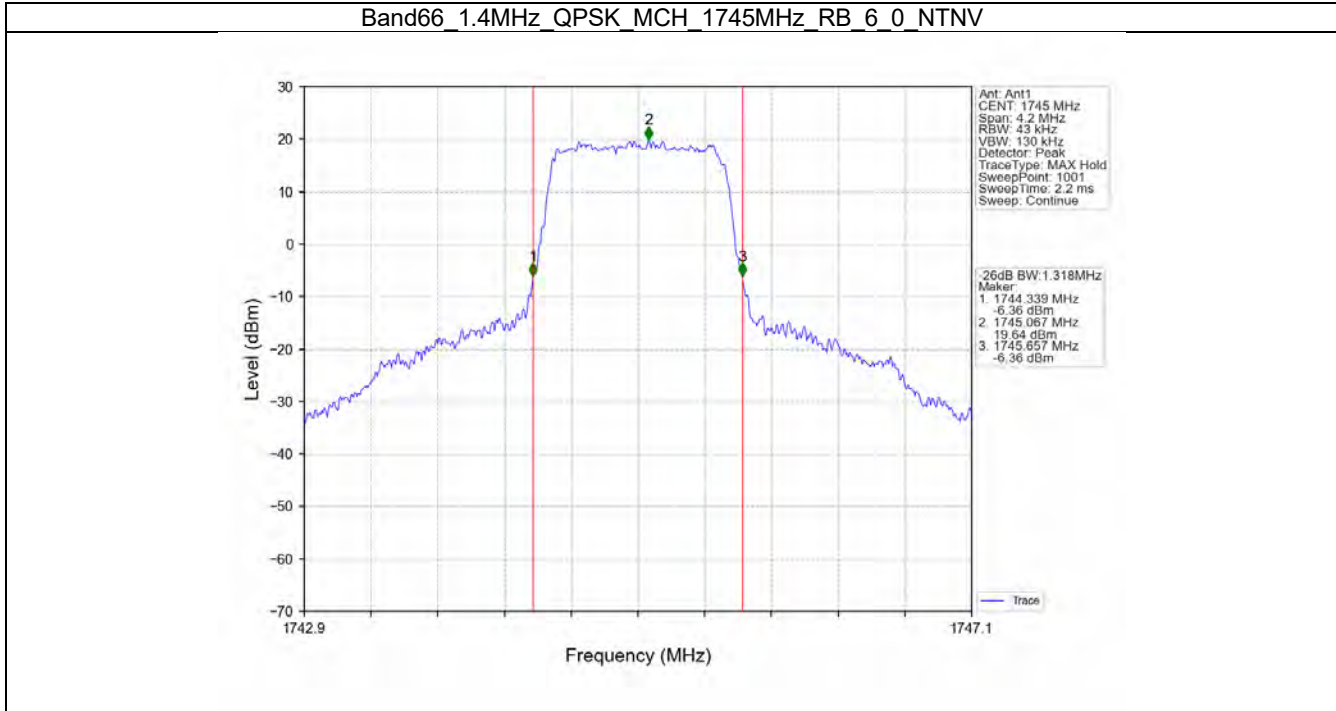
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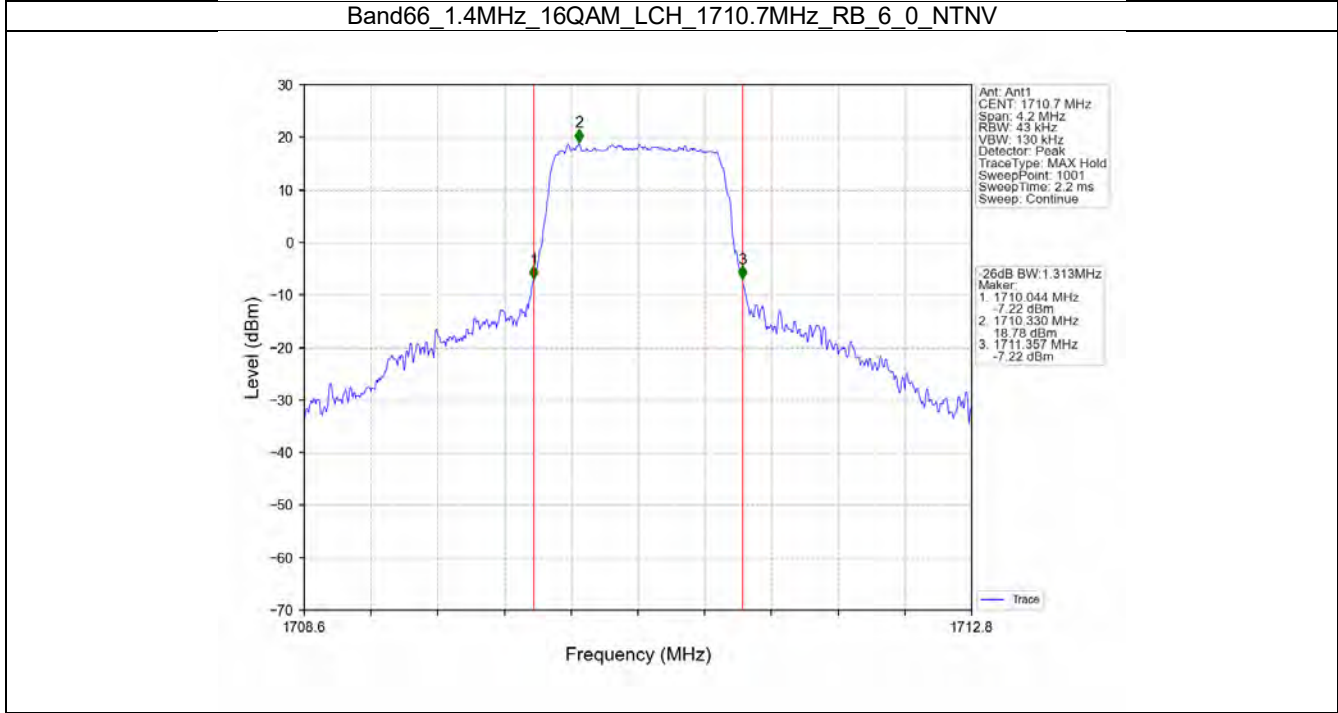
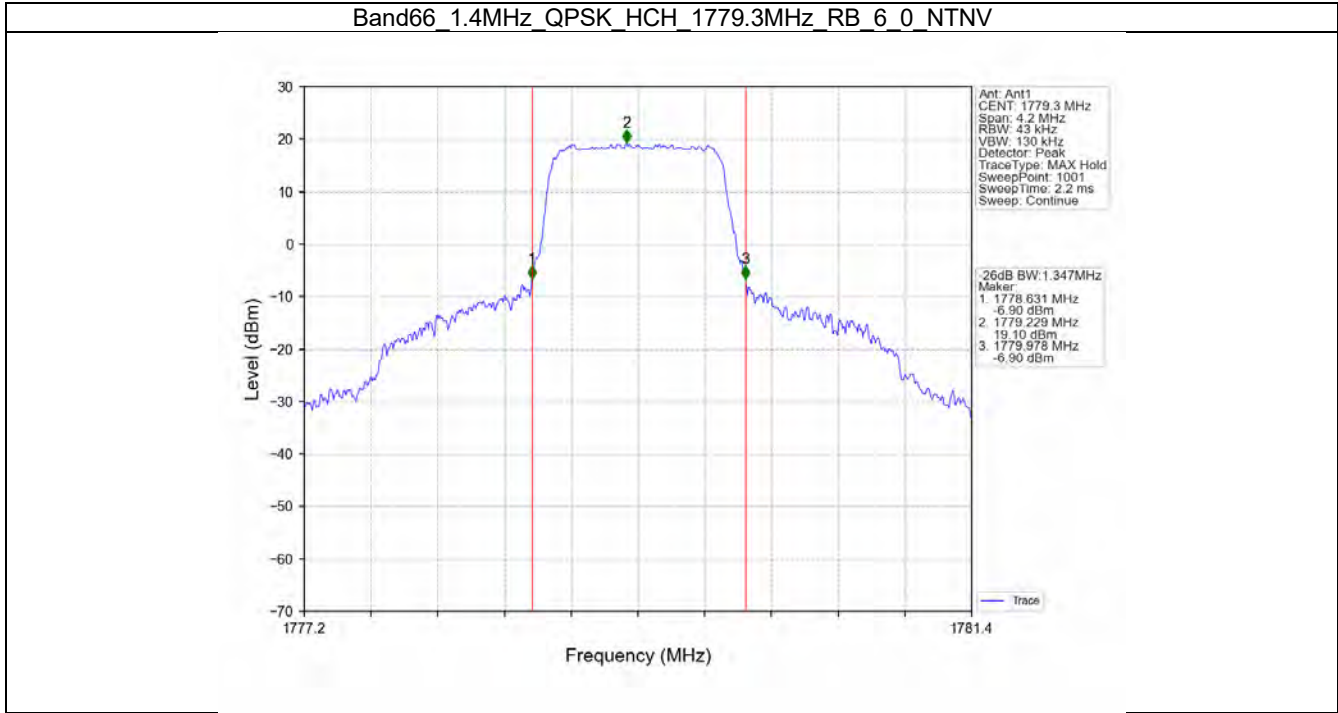
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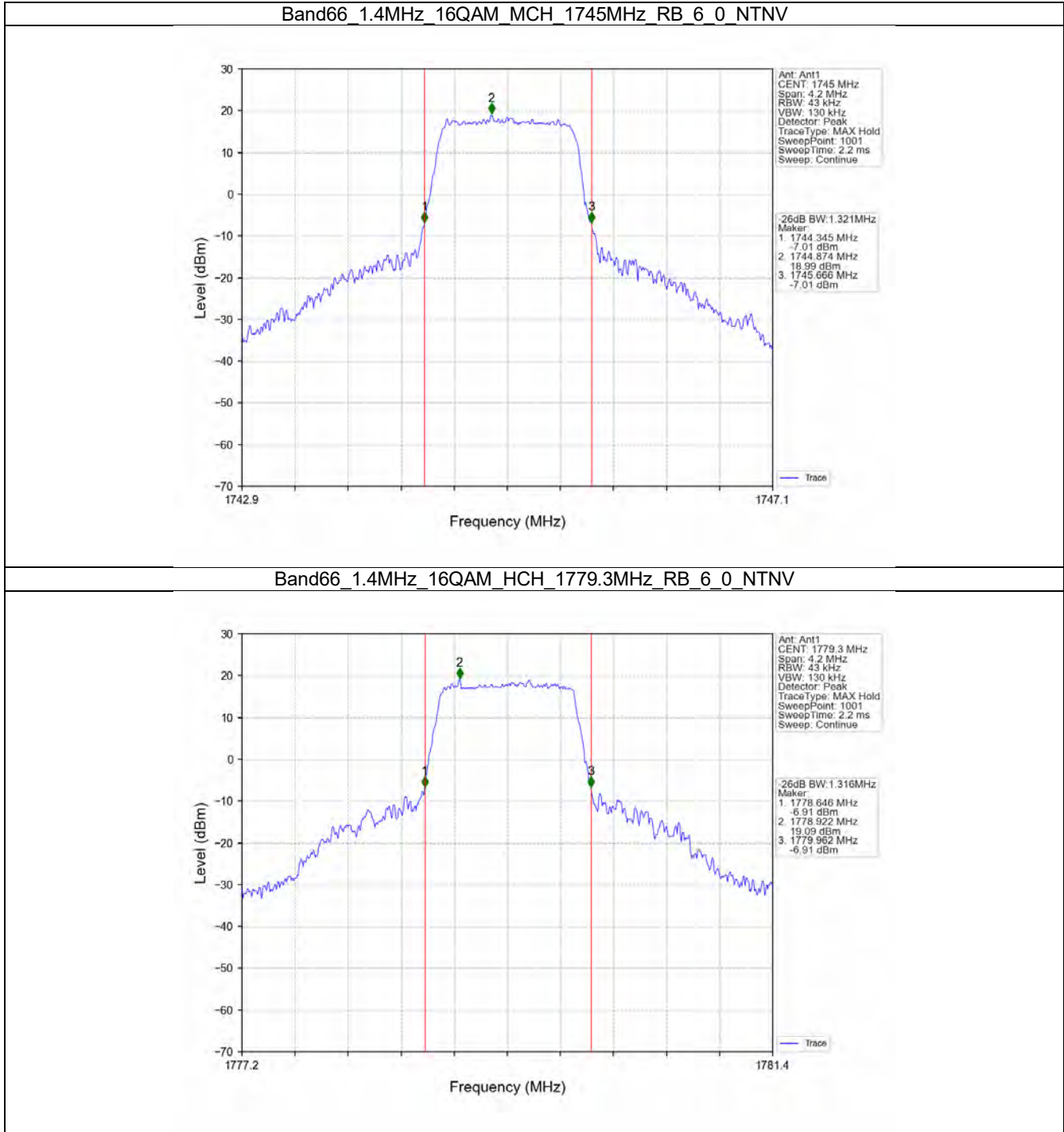
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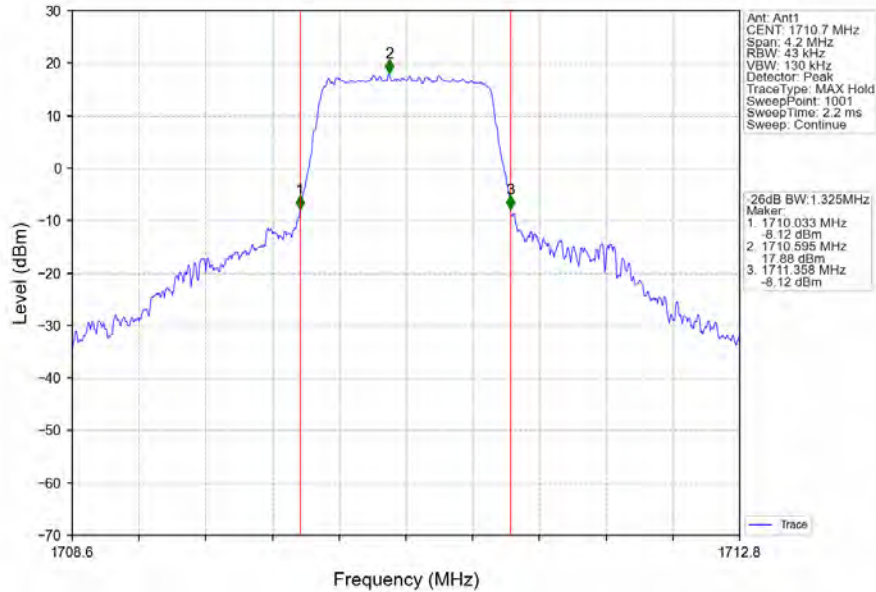




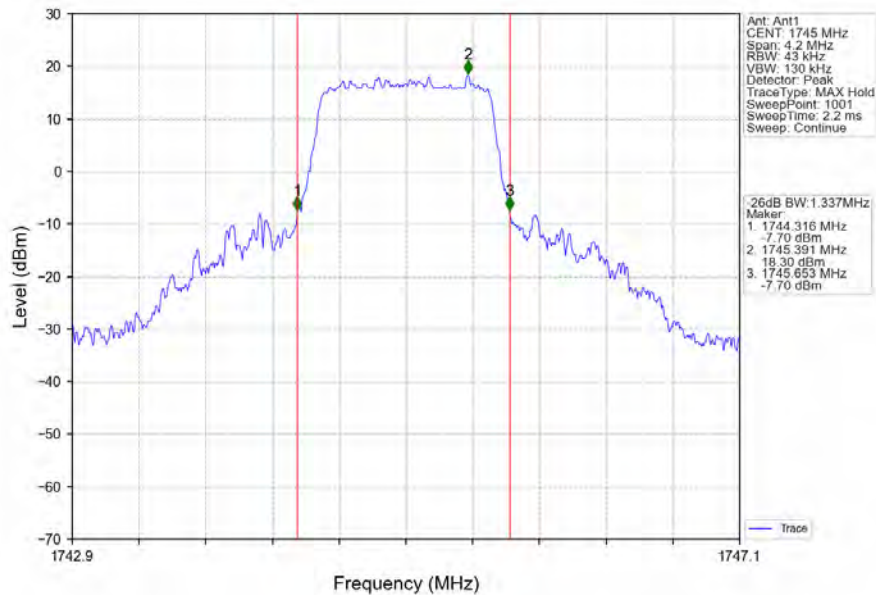
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Band66\_1.4MHz\_64QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



Band66\_1.4MHz\_64QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV



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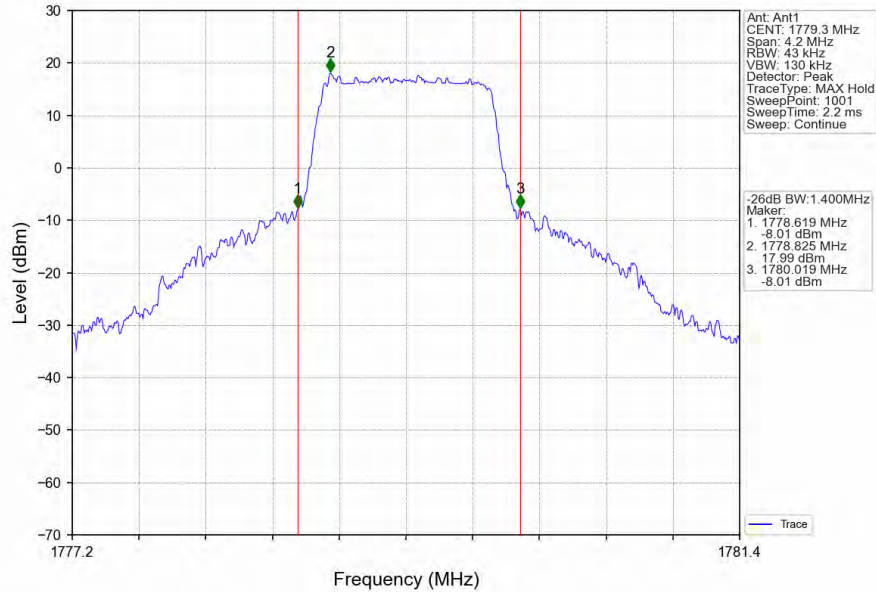
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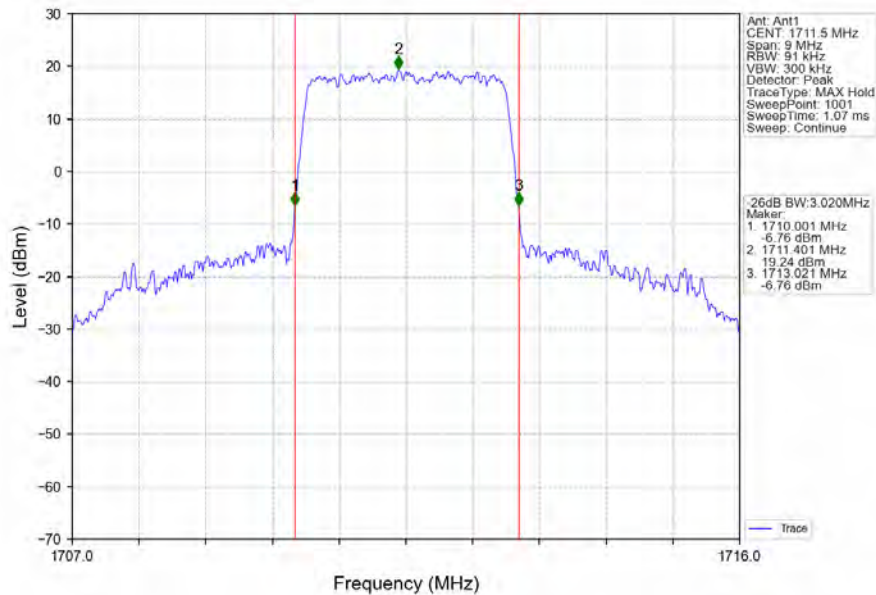
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Band66\_1.4MHz\_64QAM\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



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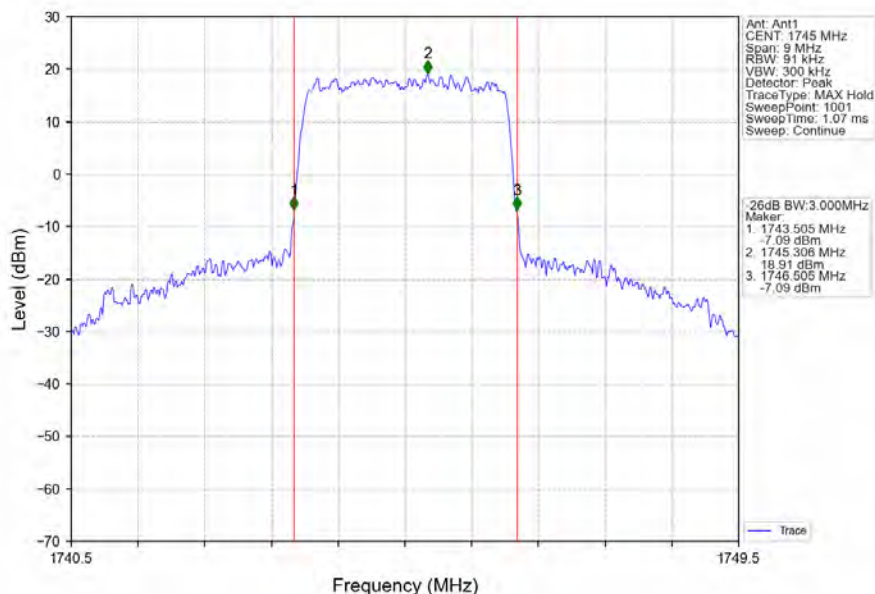
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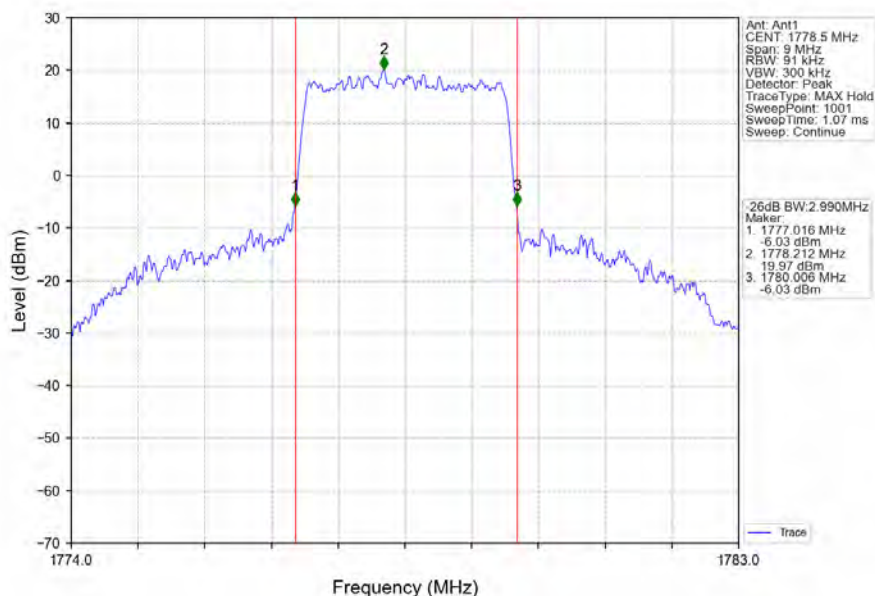
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Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_15\_0\_NTNV



Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



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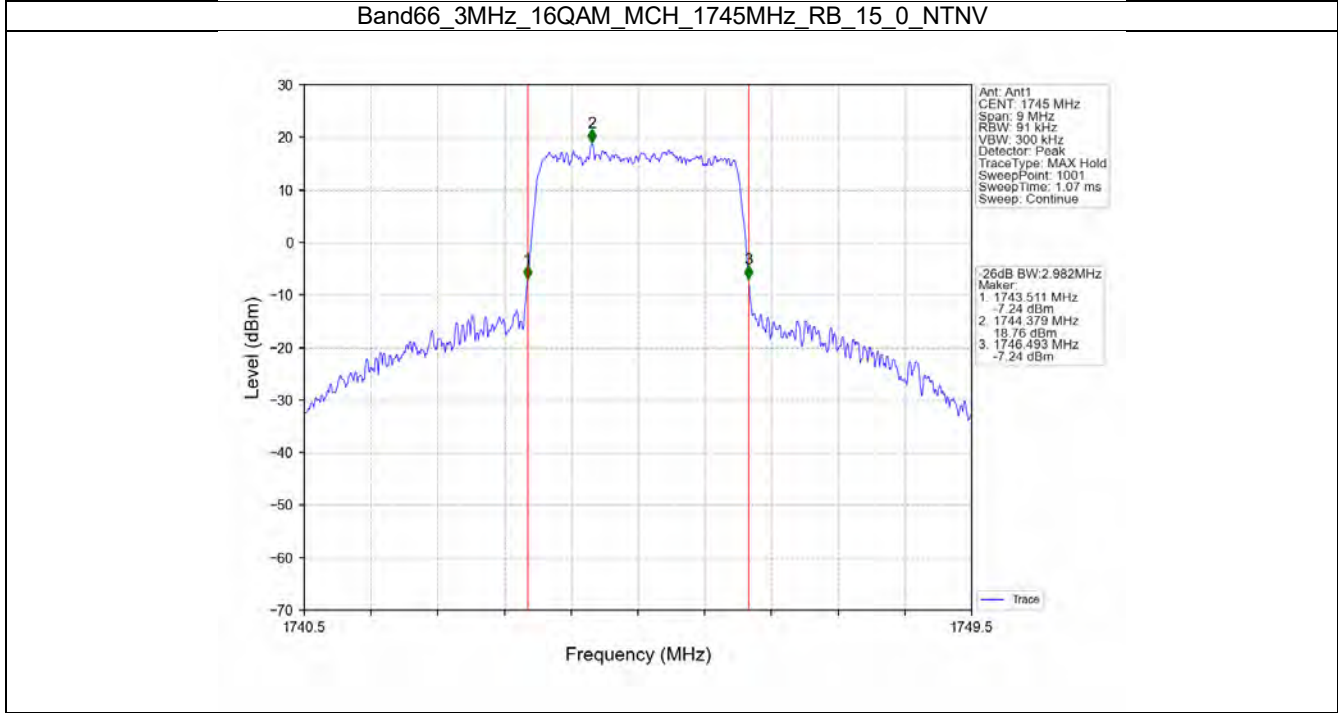
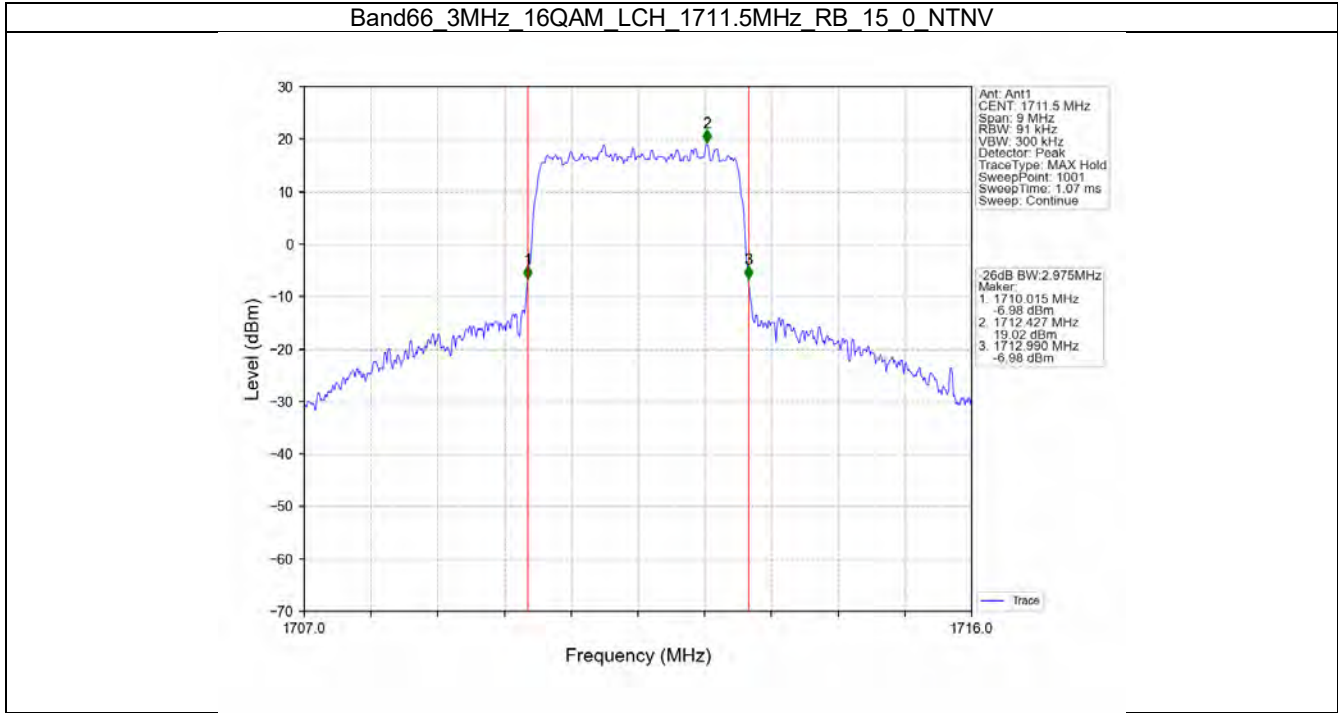
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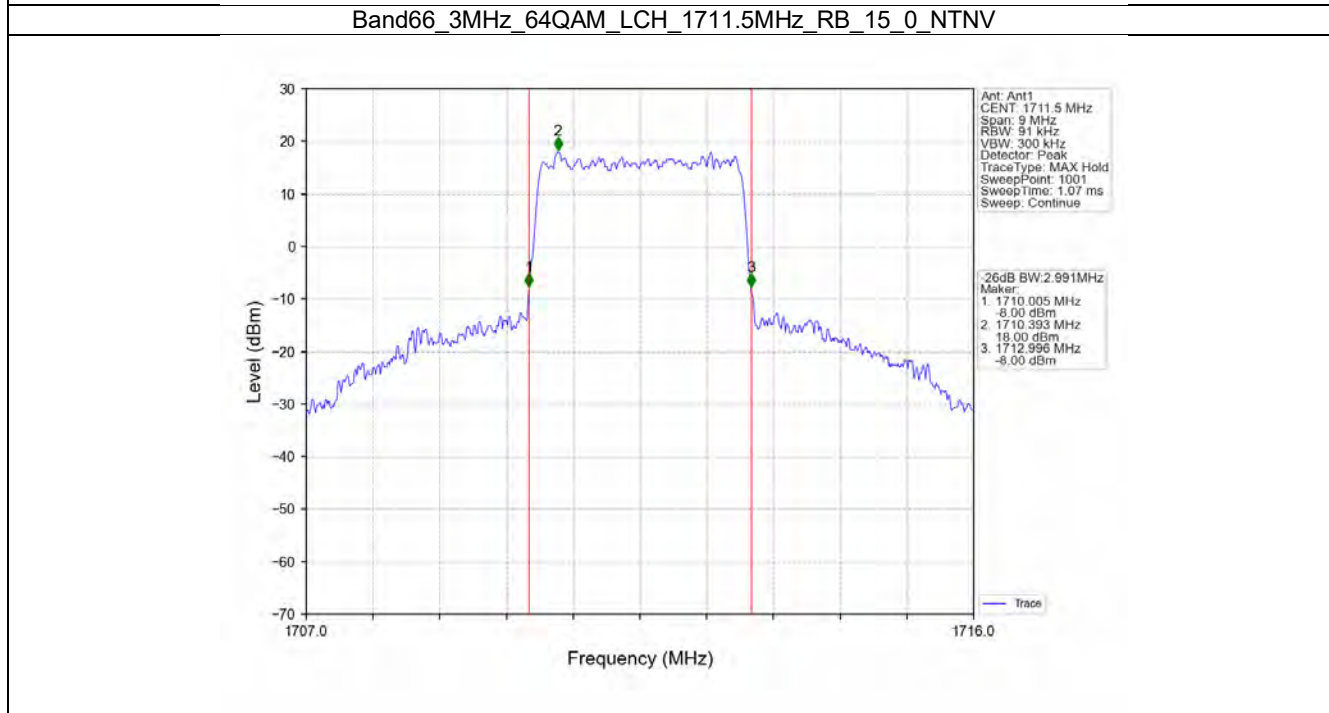
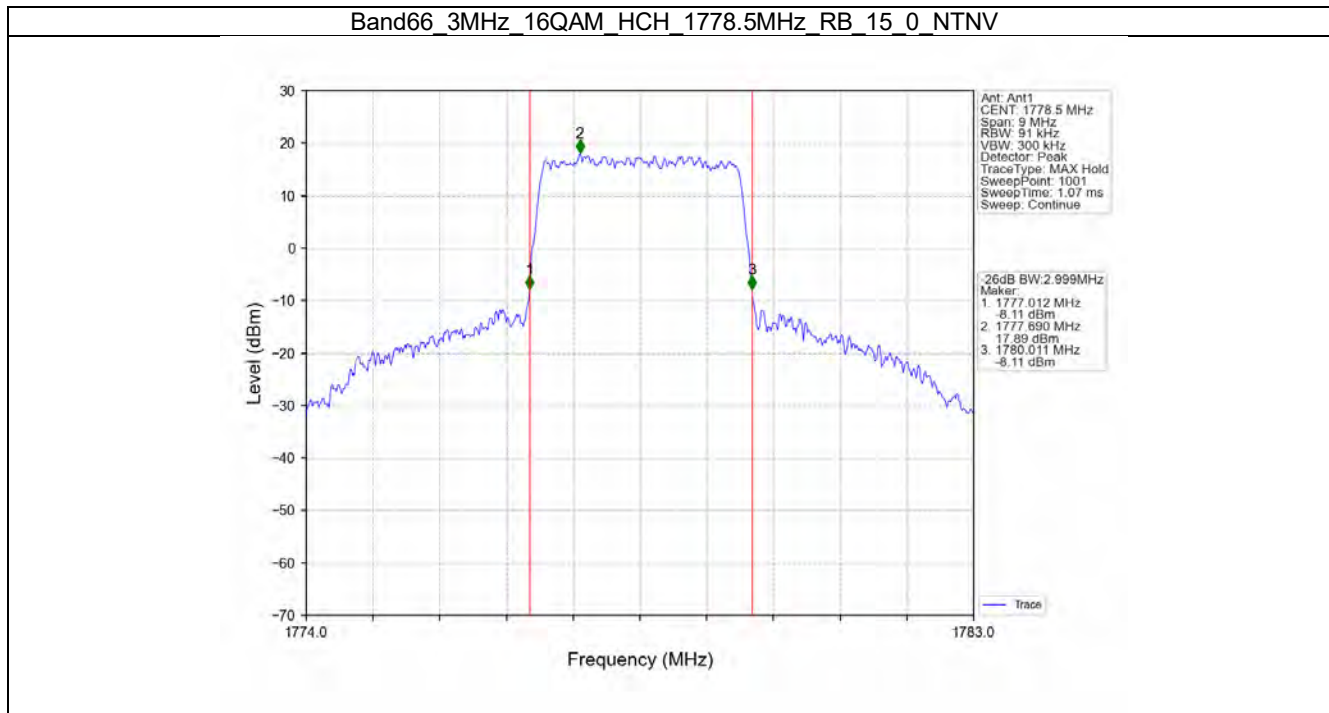
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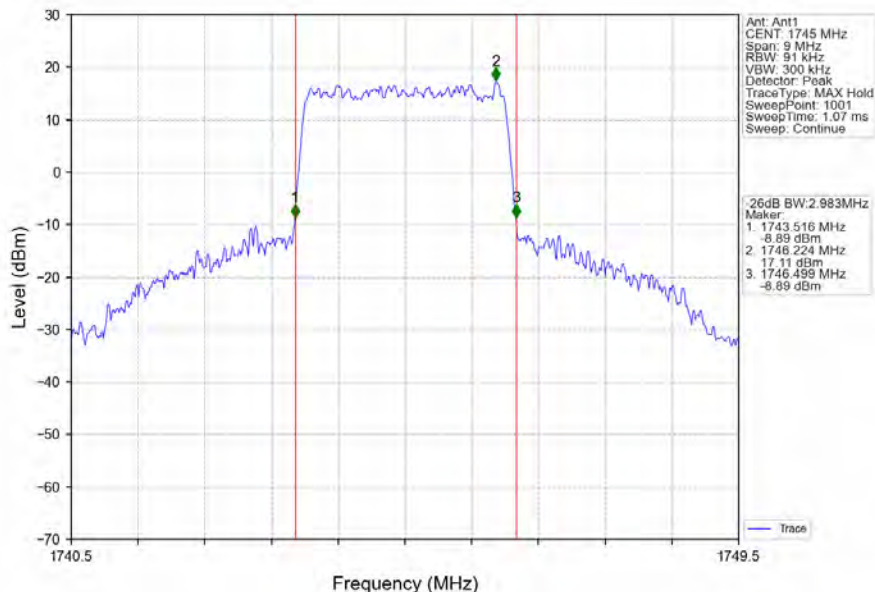
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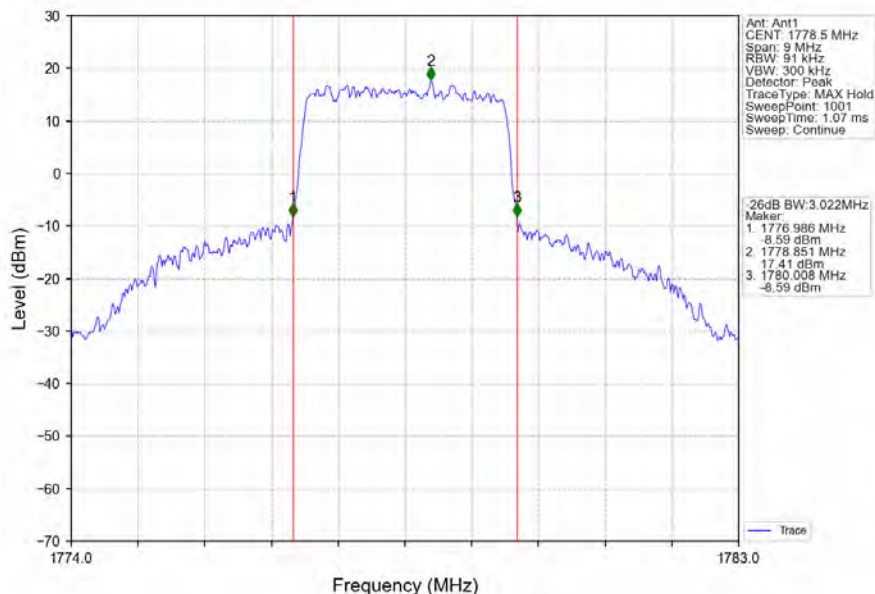
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Band66\_3MHz\_64QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



Band66\_3MHz\_64QAM\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



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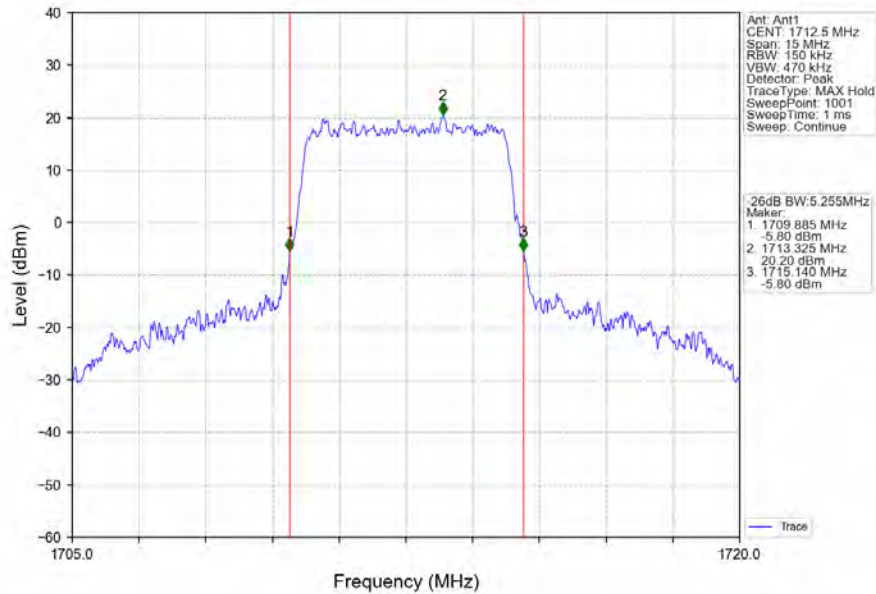
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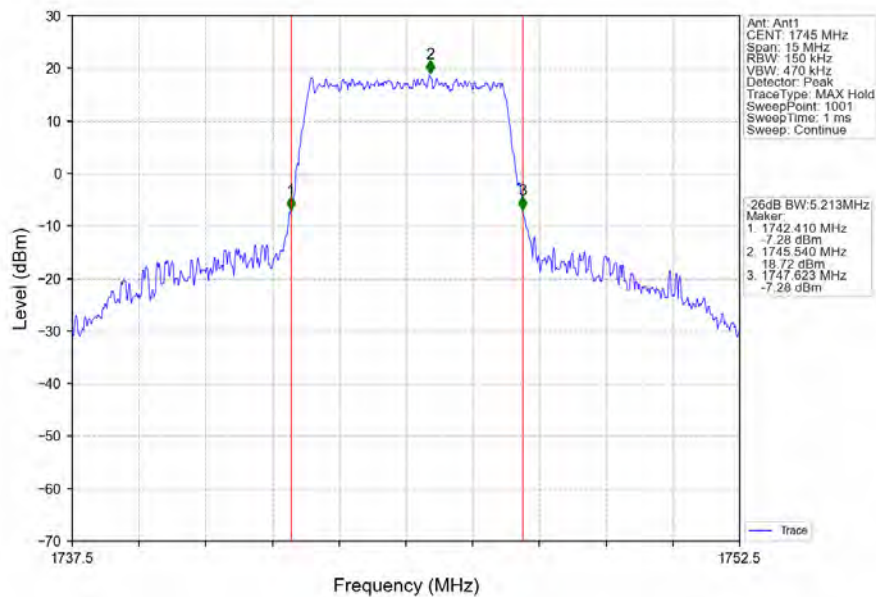
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Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_25\_0\_NTNV



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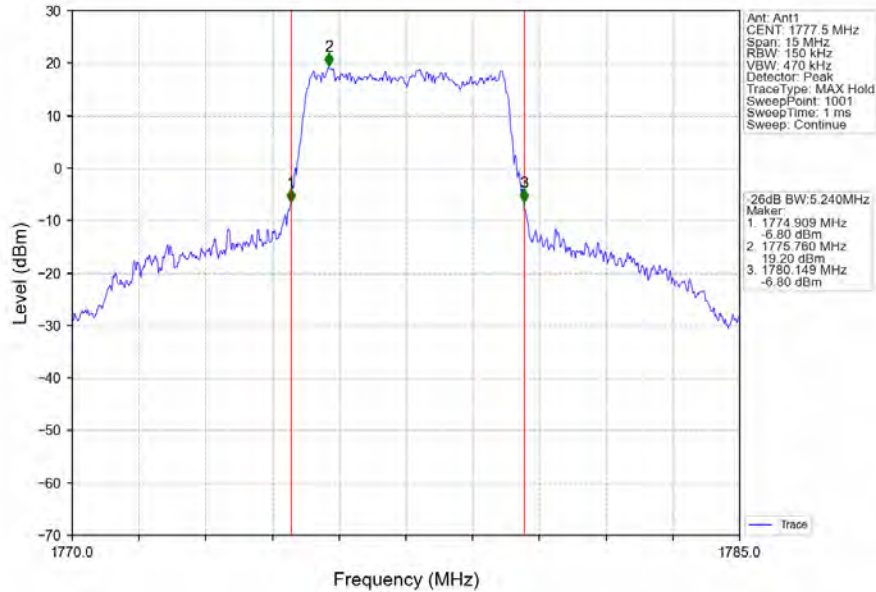




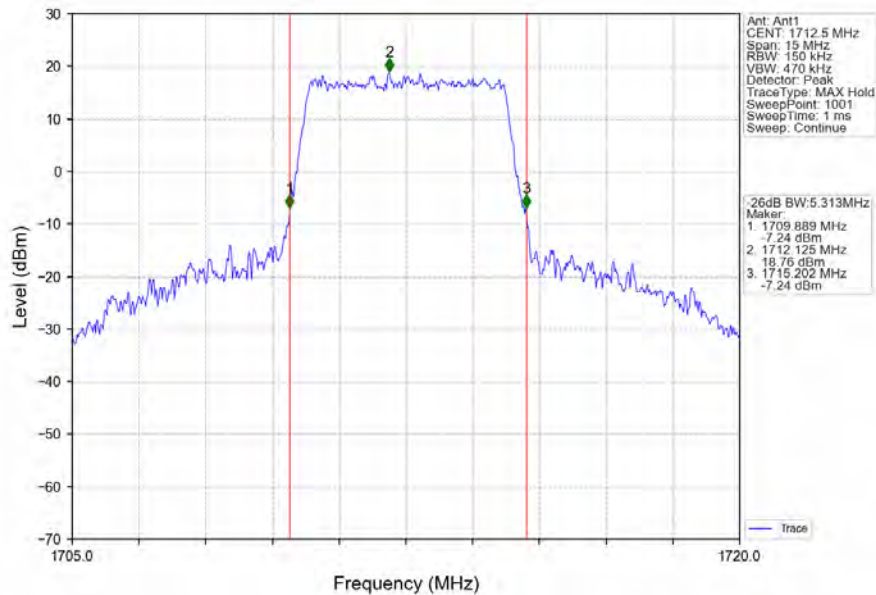
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Band66\_5MHz\_QPSK\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



Band66\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



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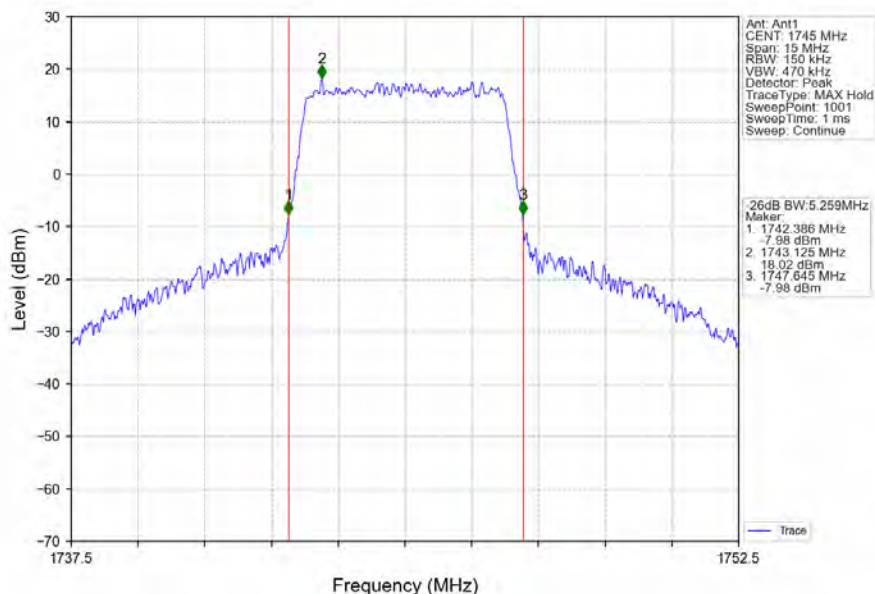
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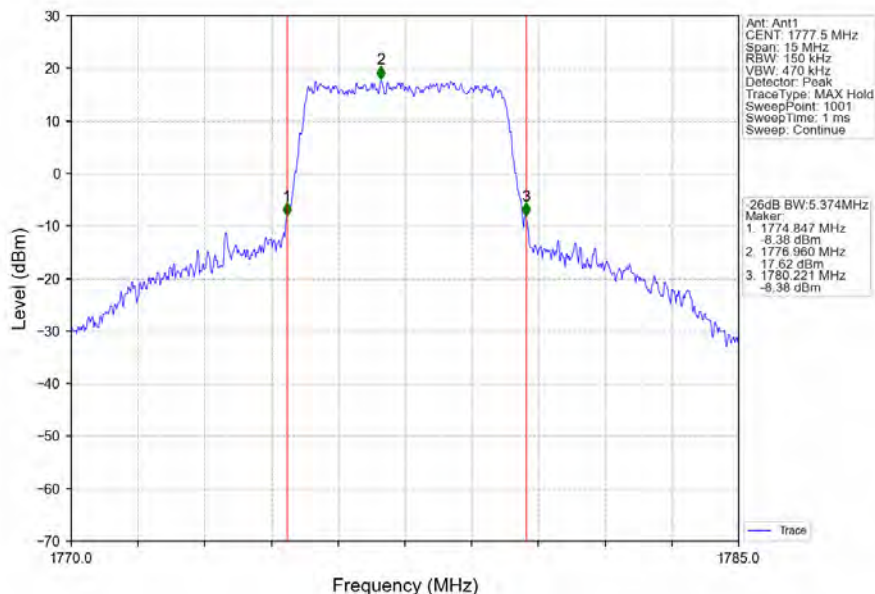
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Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



Band66\_5MHz\_16QAM\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



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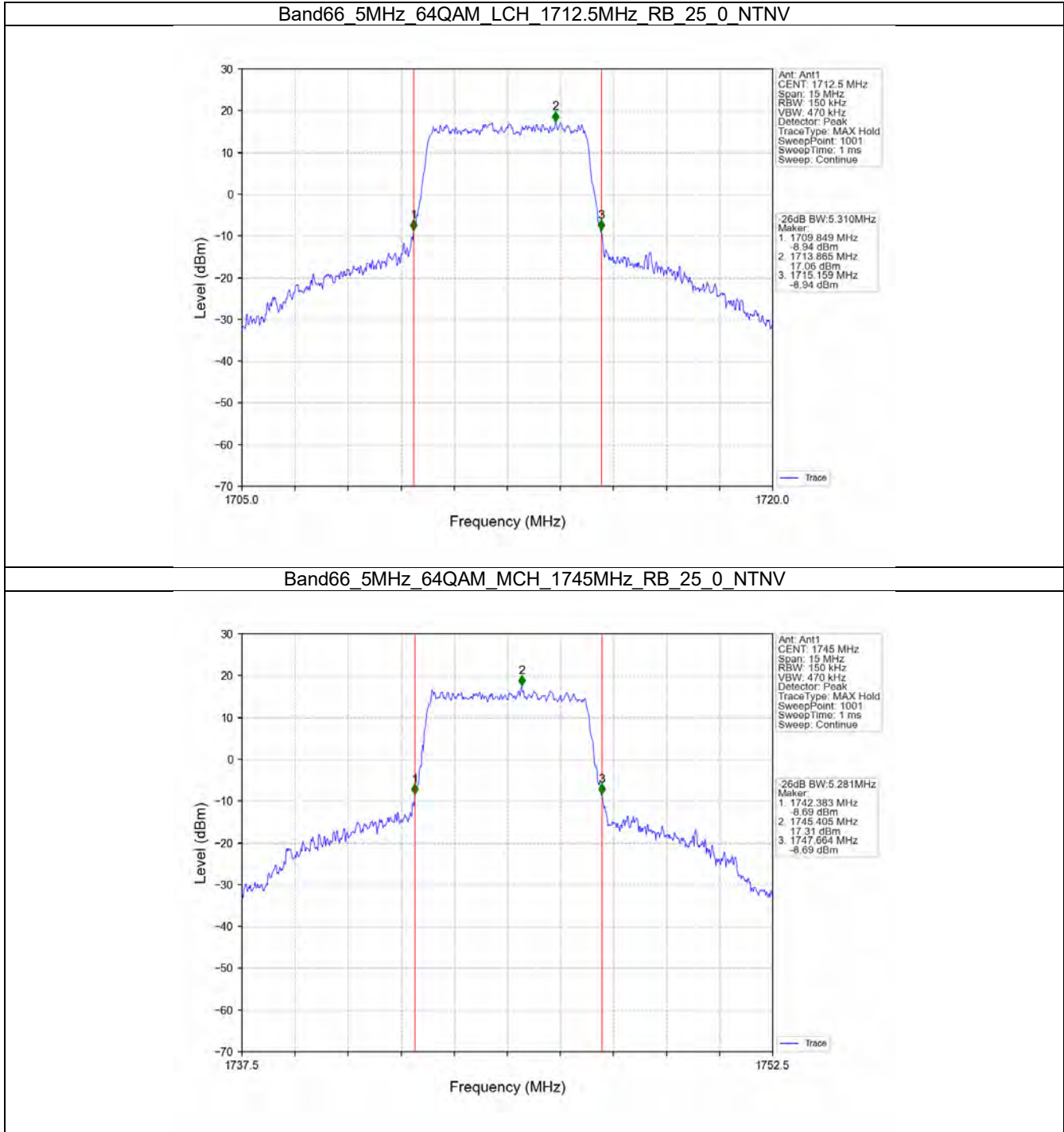
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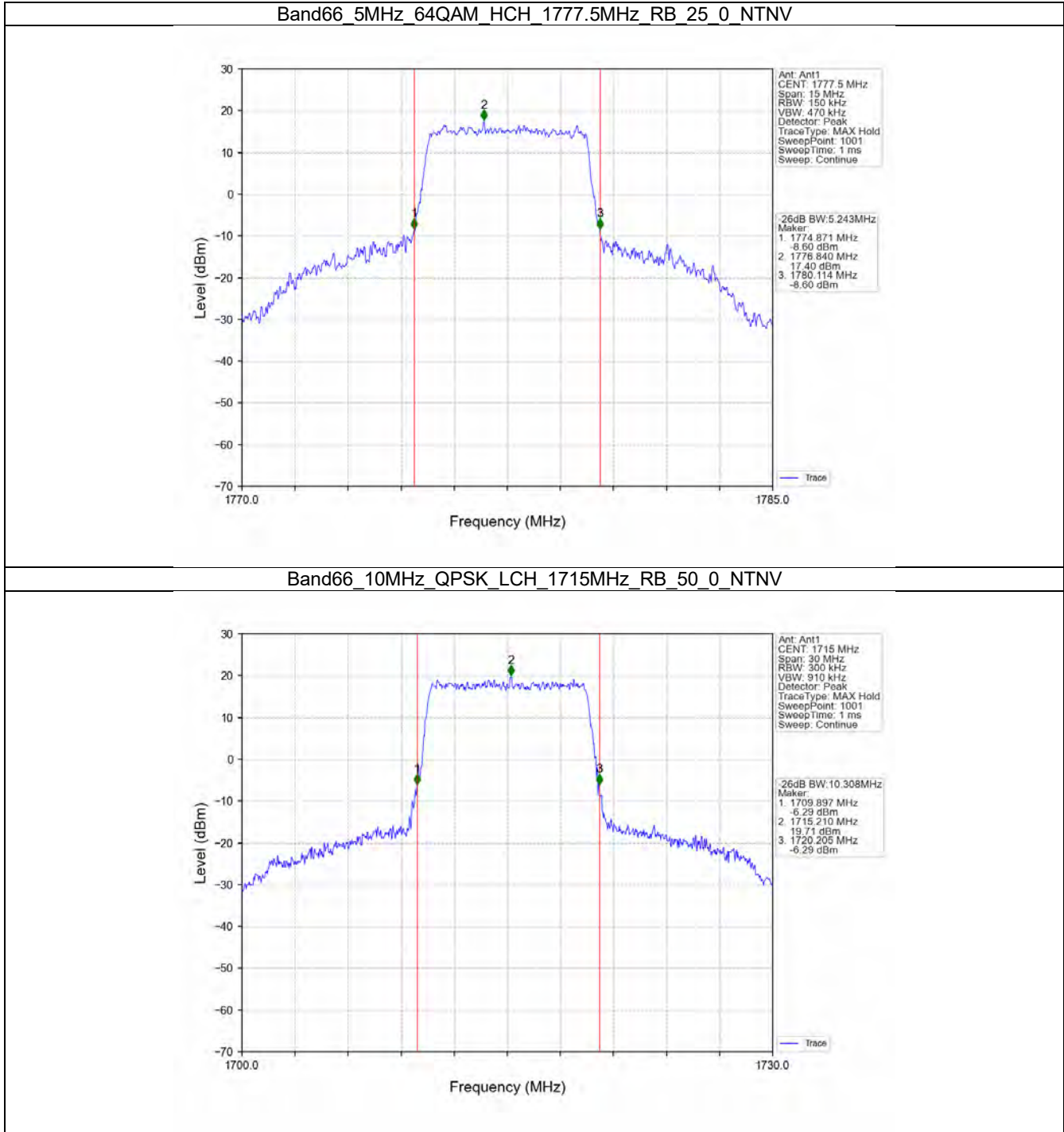
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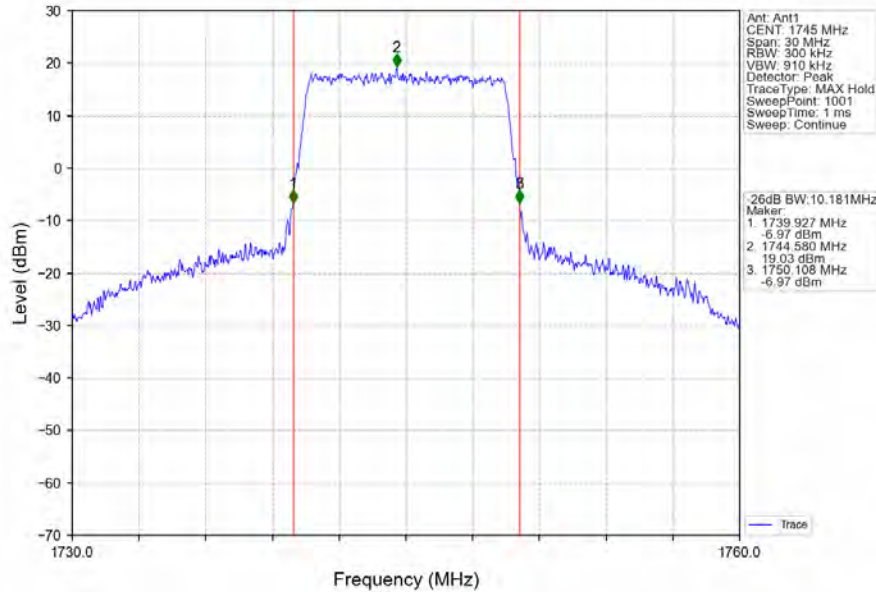




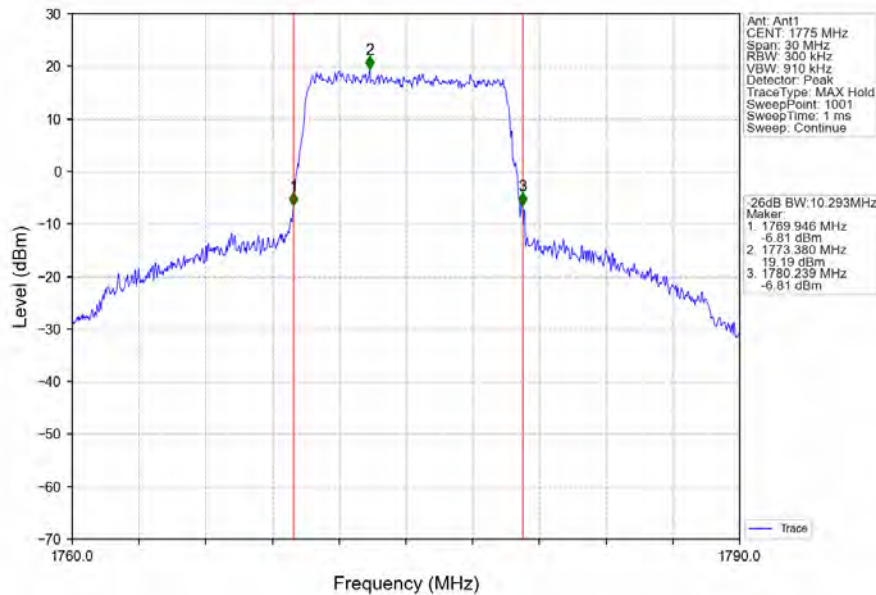
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Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_50\_0\_NTNV



Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_50\_0\_NTNV



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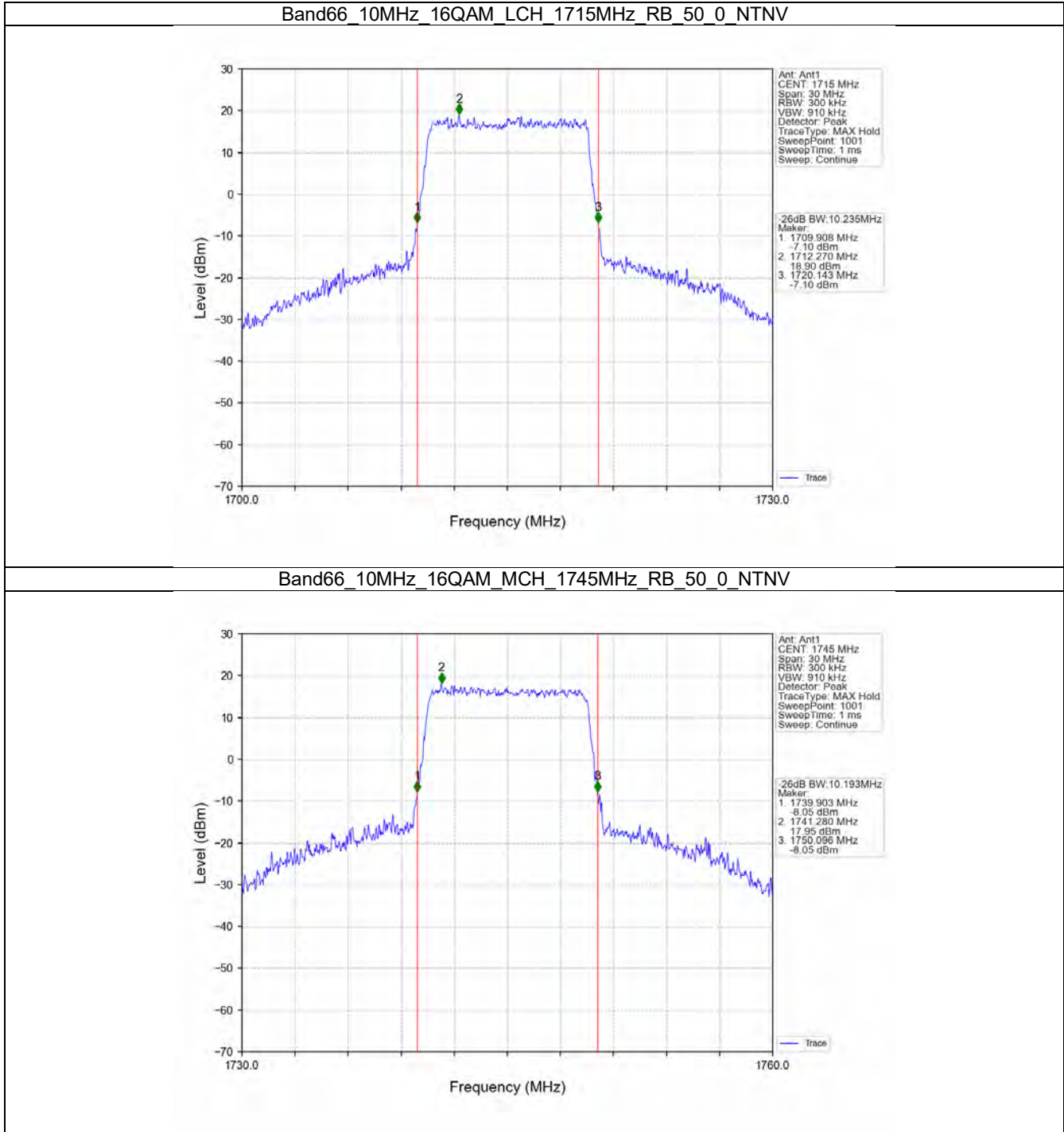
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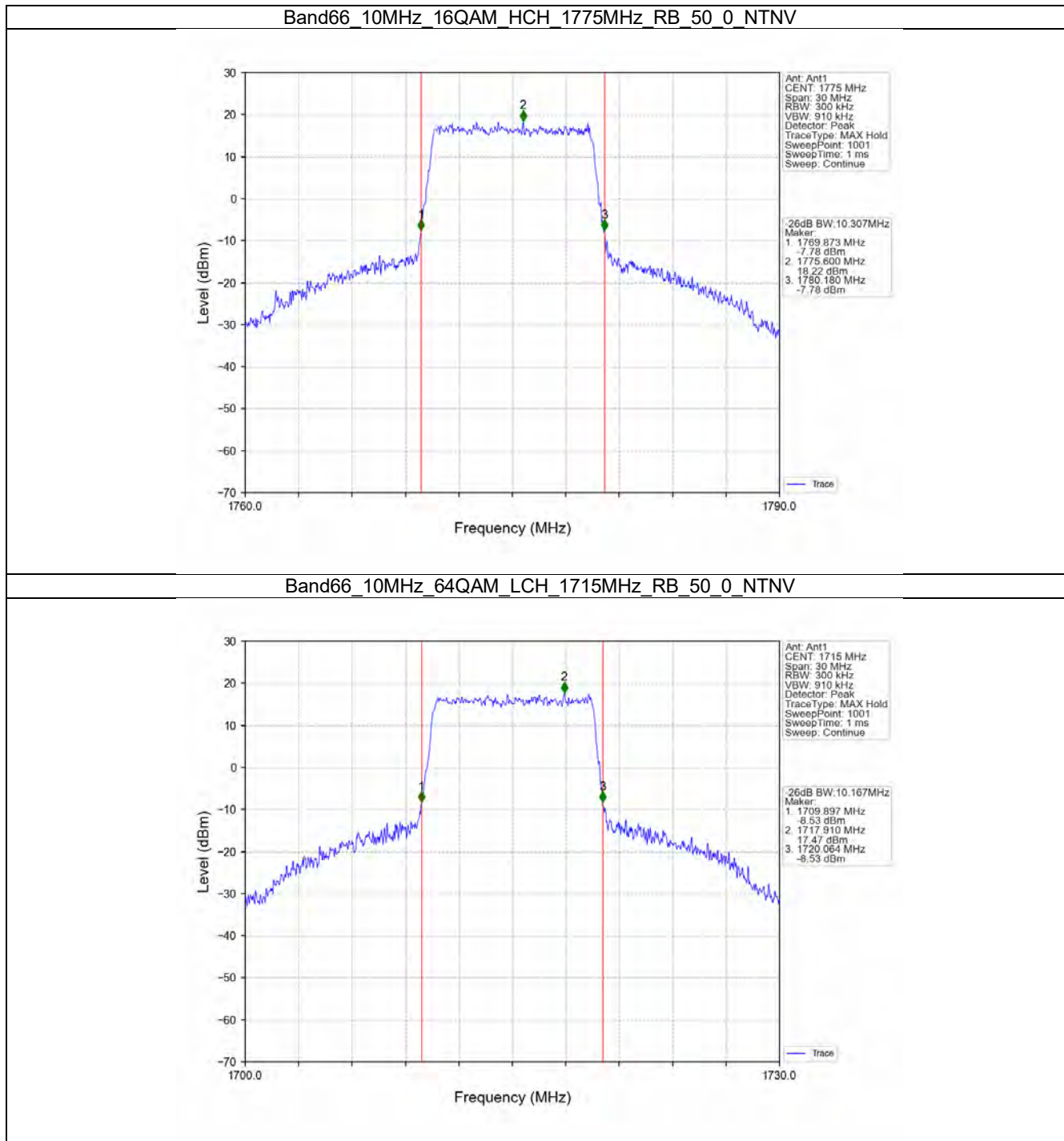


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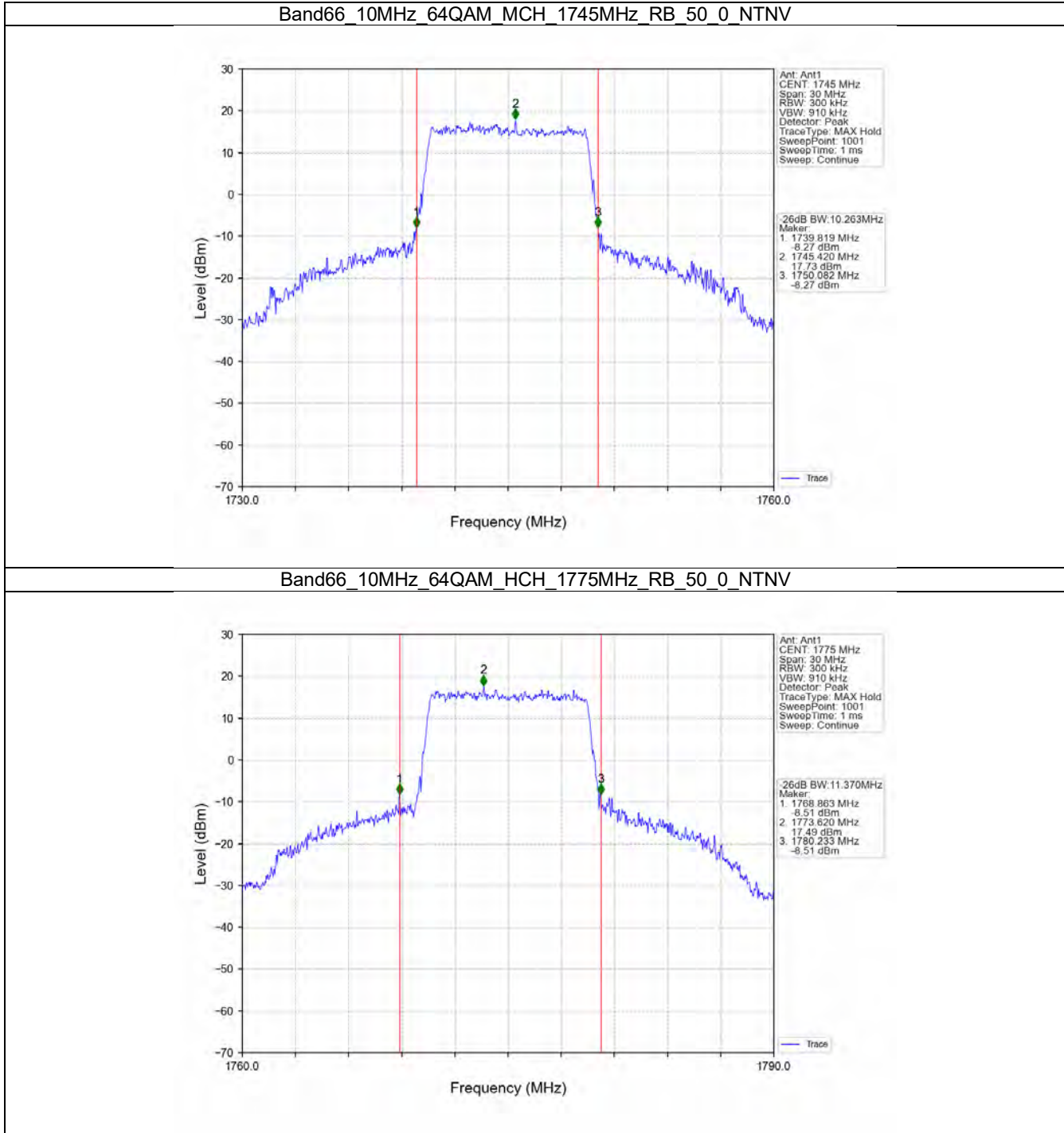
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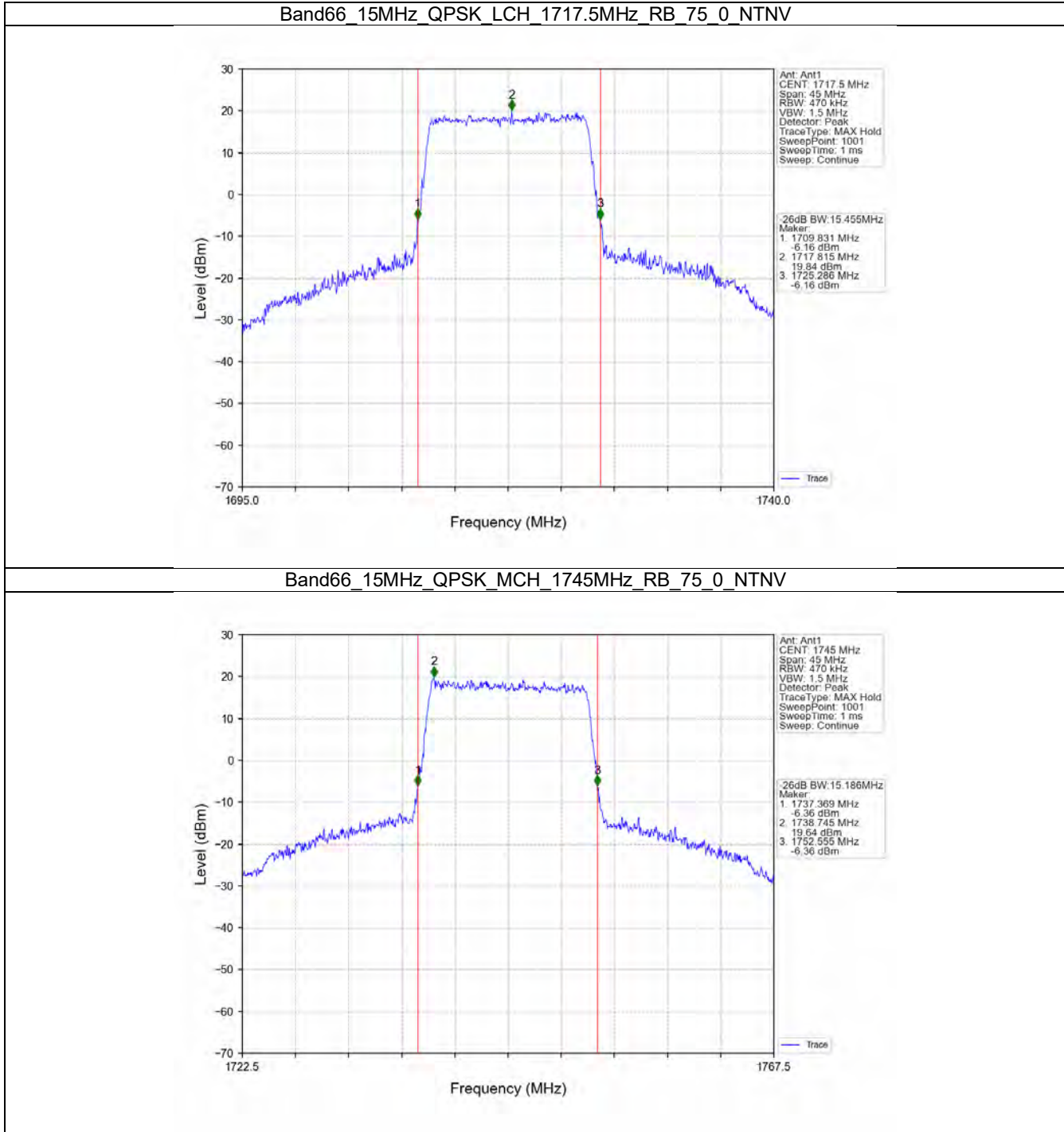
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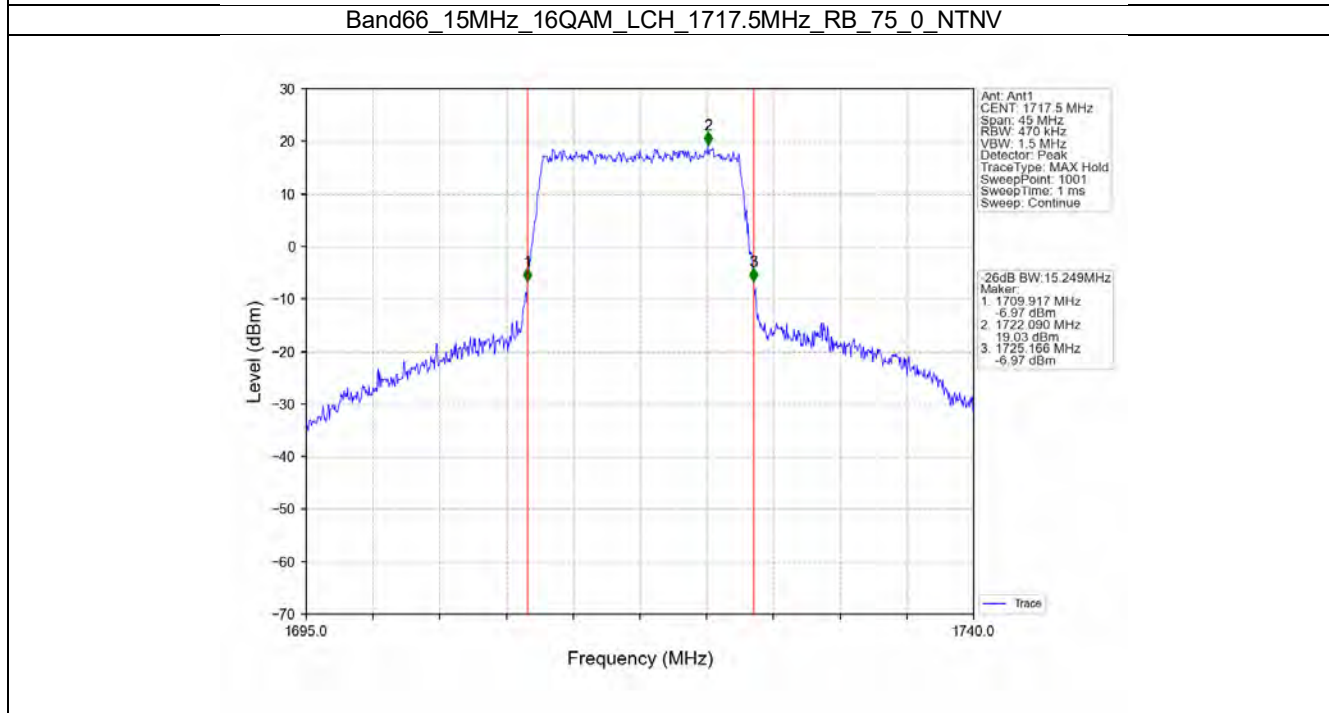
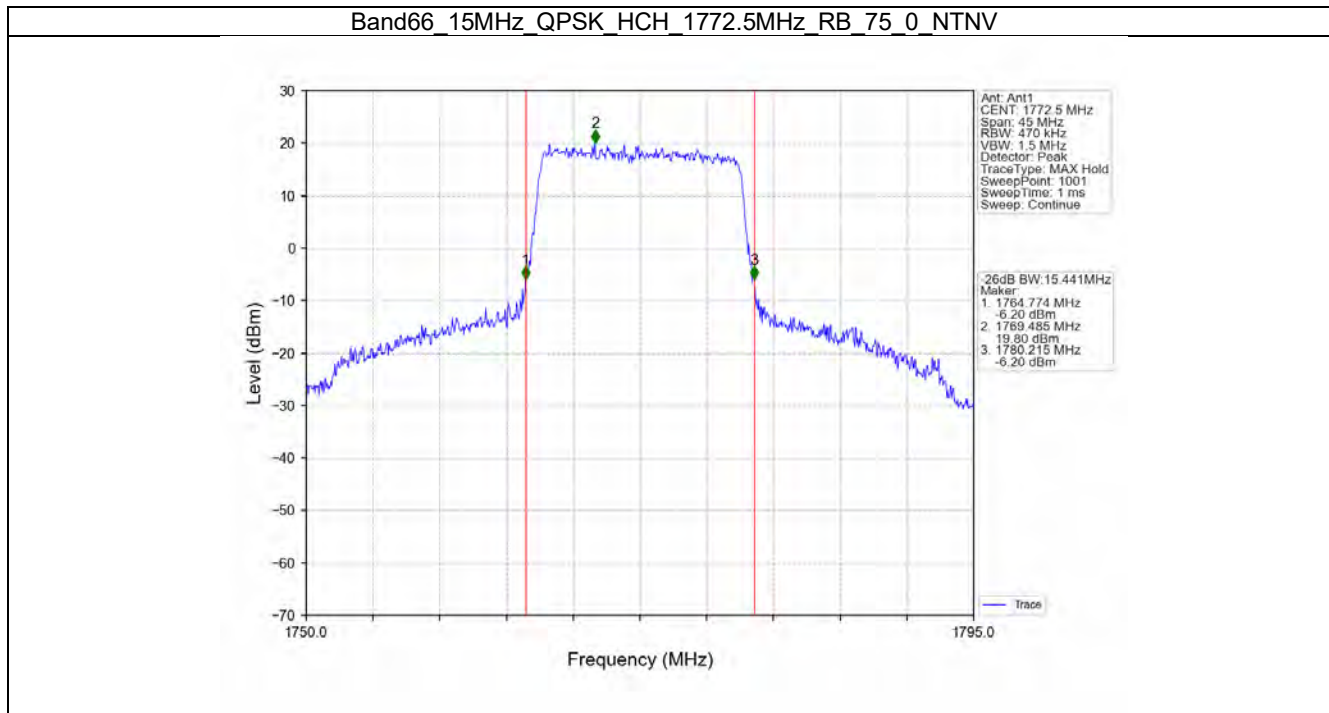


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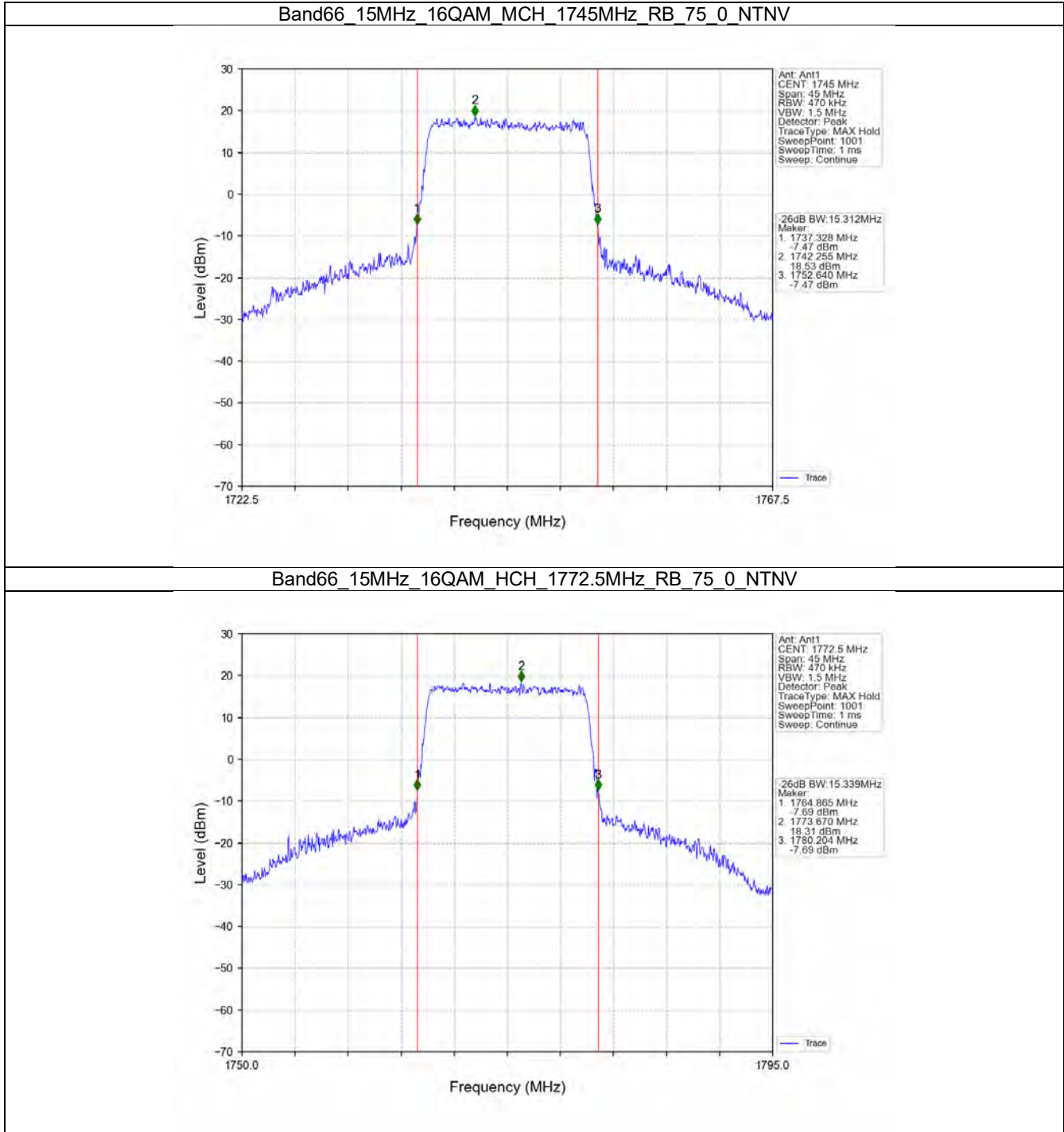
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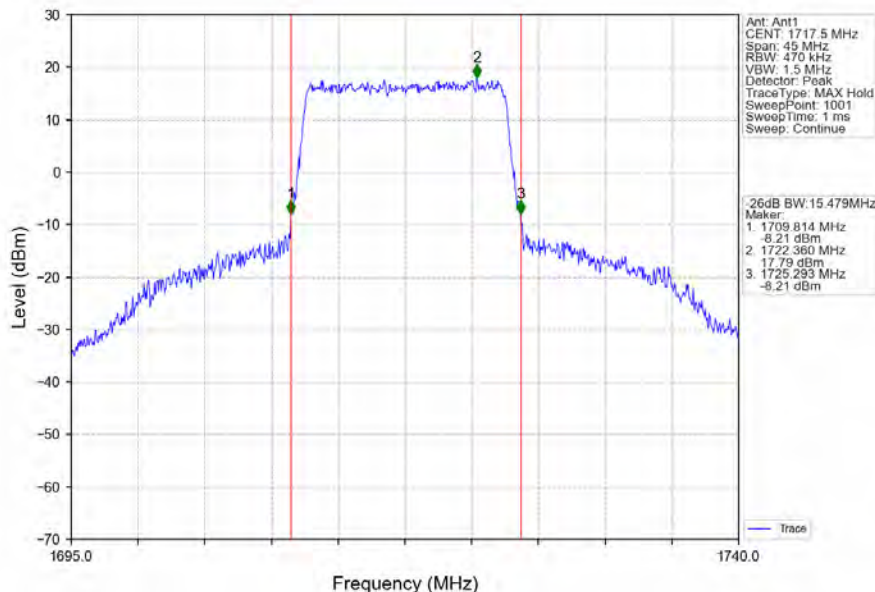
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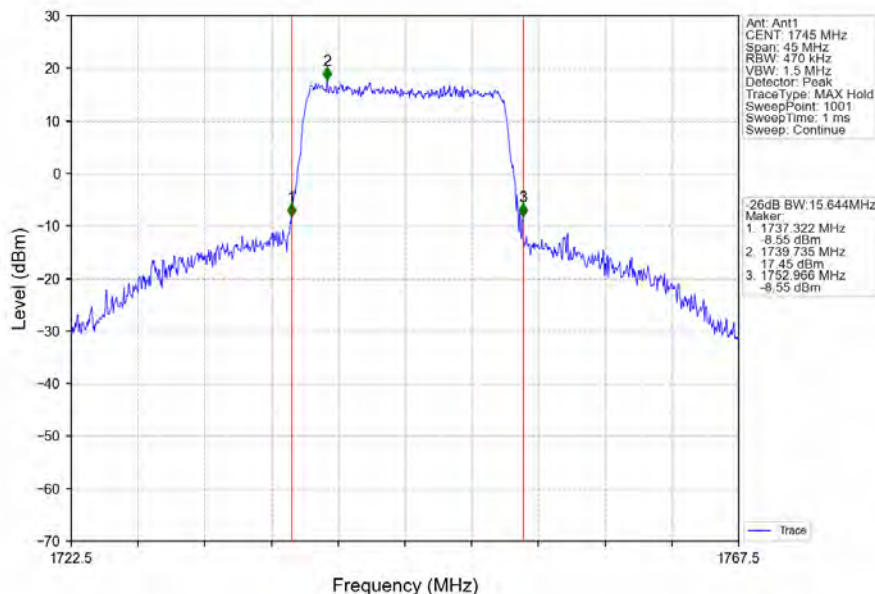
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Band66\_15MHz\_64QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



Band66\_15MHz\_64QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV



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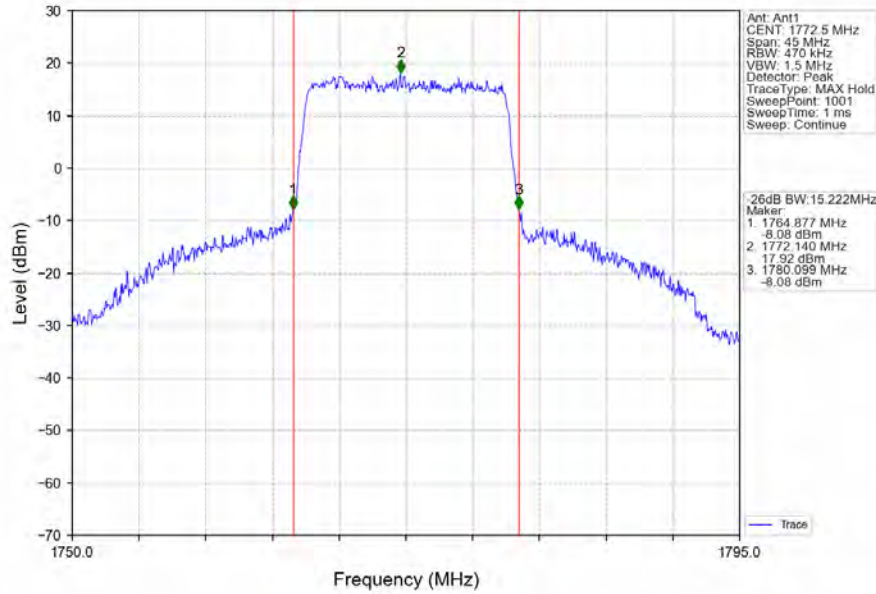




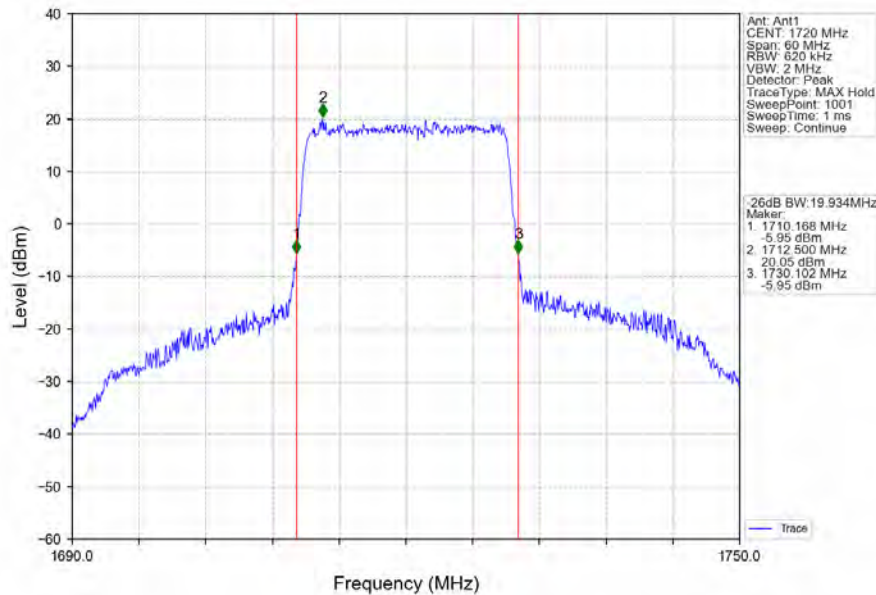
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Band66\_15MHz\_64QAM\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



Band66\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_100\_0\_NTNV



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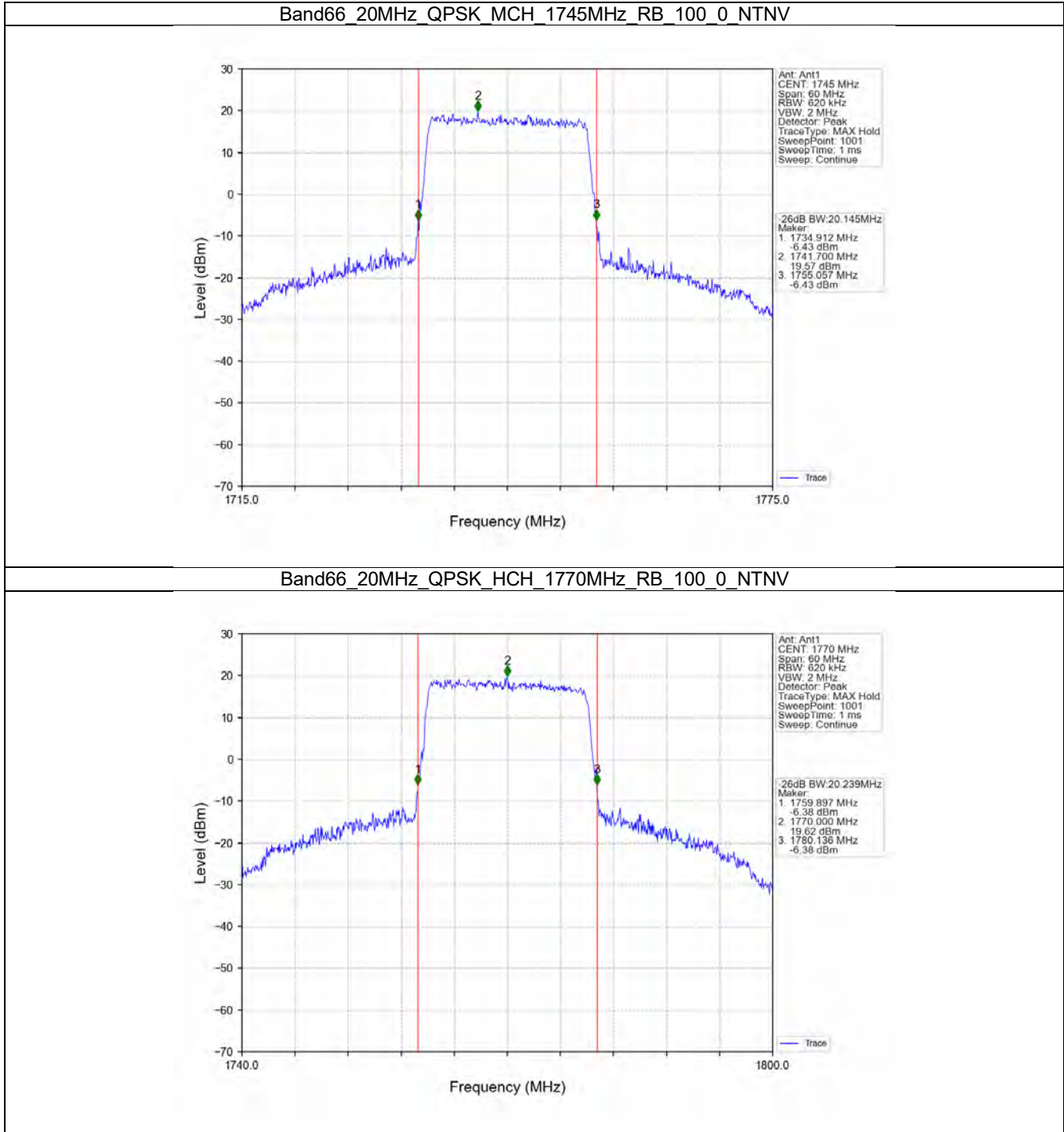
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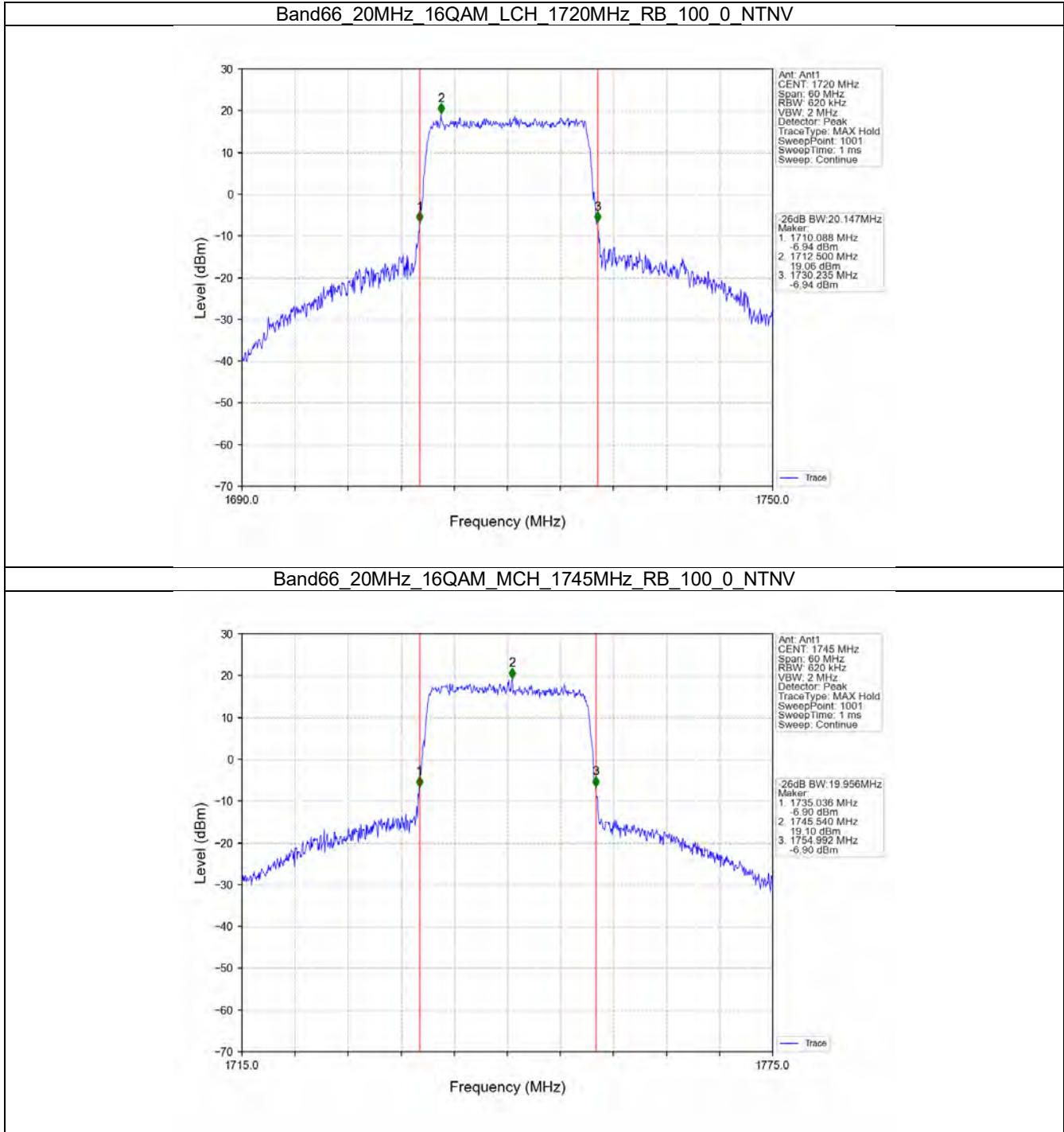
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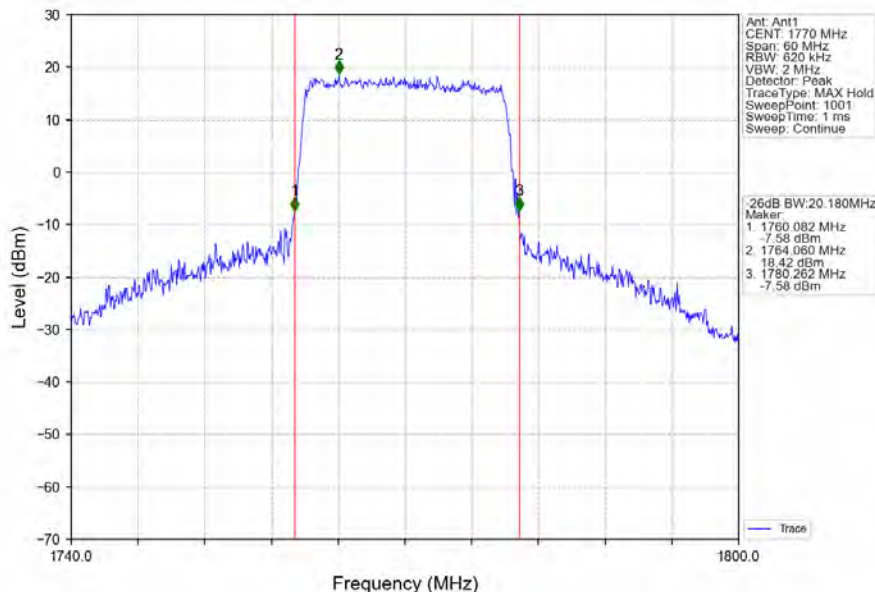
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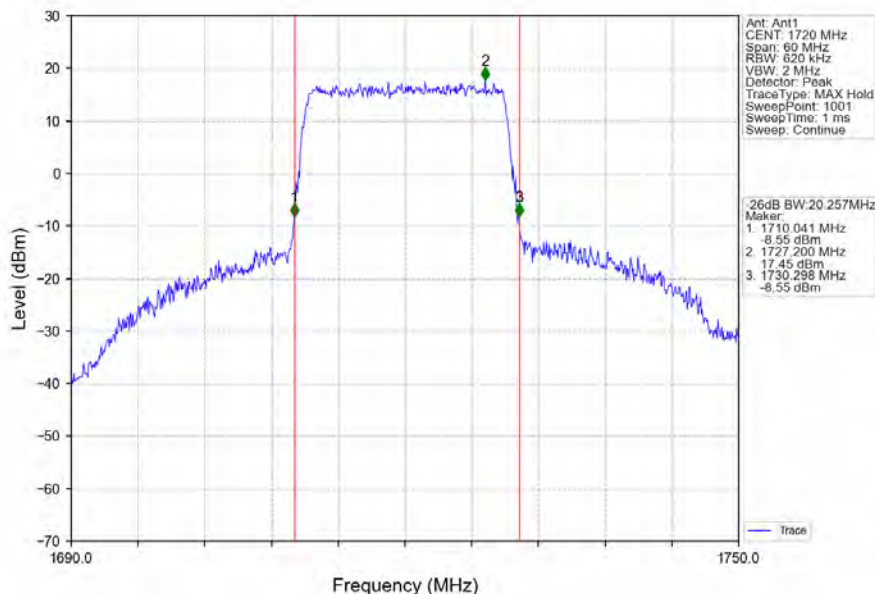
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Band66\_20MHz\_16QAM\_HCH\_1770MHz\_RB\_100\_0\_NTNV



Band66\_20MHz\_64QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV



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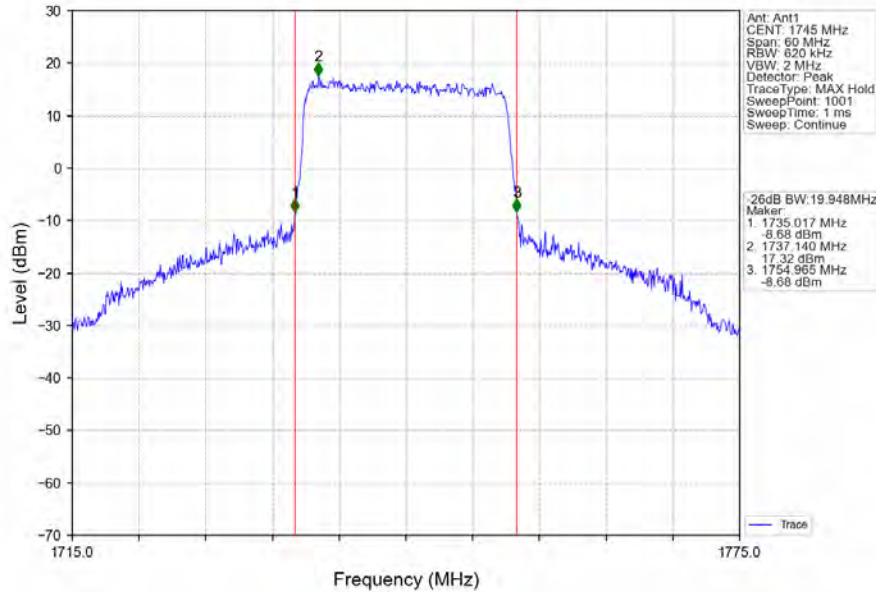




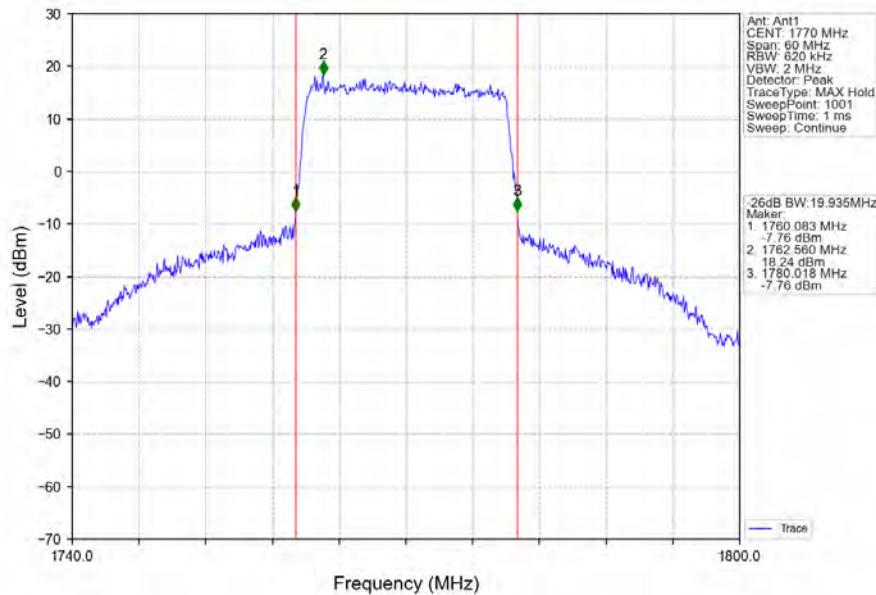
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Band66\_20MHz\_64QAM\_HCH\_1770MHz\_RB\_100\_0\_NTNV



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## 5. Peak-Average Ratio

### 5.1 B66\_1.4MHz

#### 5.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.50	<=13	Pass
	1745	6	0	4.49	<=13	Pass
	1779.3	6	0	3.70	<=13	Pass
16QAM	1710.7	6	0	5.35	<=13	Pass
	1745	6	0	5.35	<=13	Pass
	1779.3	6	0	4.65	<=13	Pass
64QAM	1710.7	6	0	4.98	<=13	Pass
	1745	6	0	4.87	<=13	Pass
	1779.3	6	0	4.14	<=13	Pass



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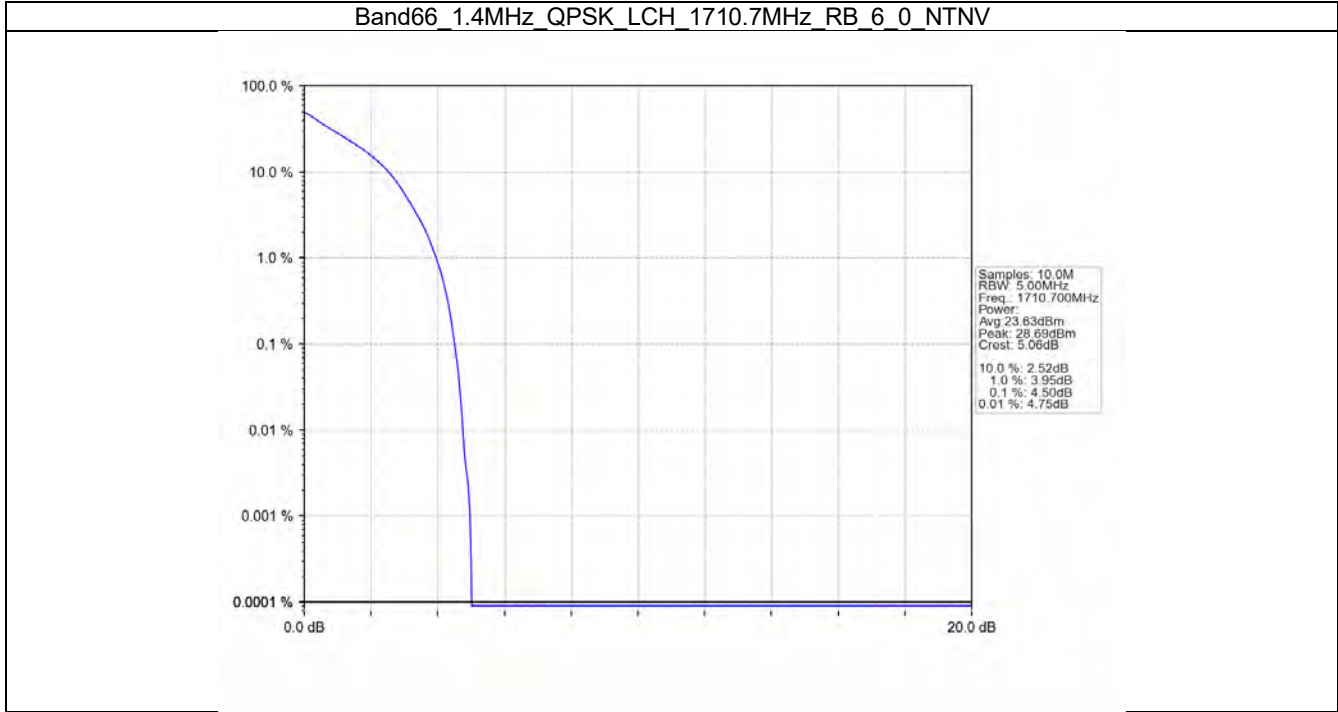
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5.1.2 Test Graph



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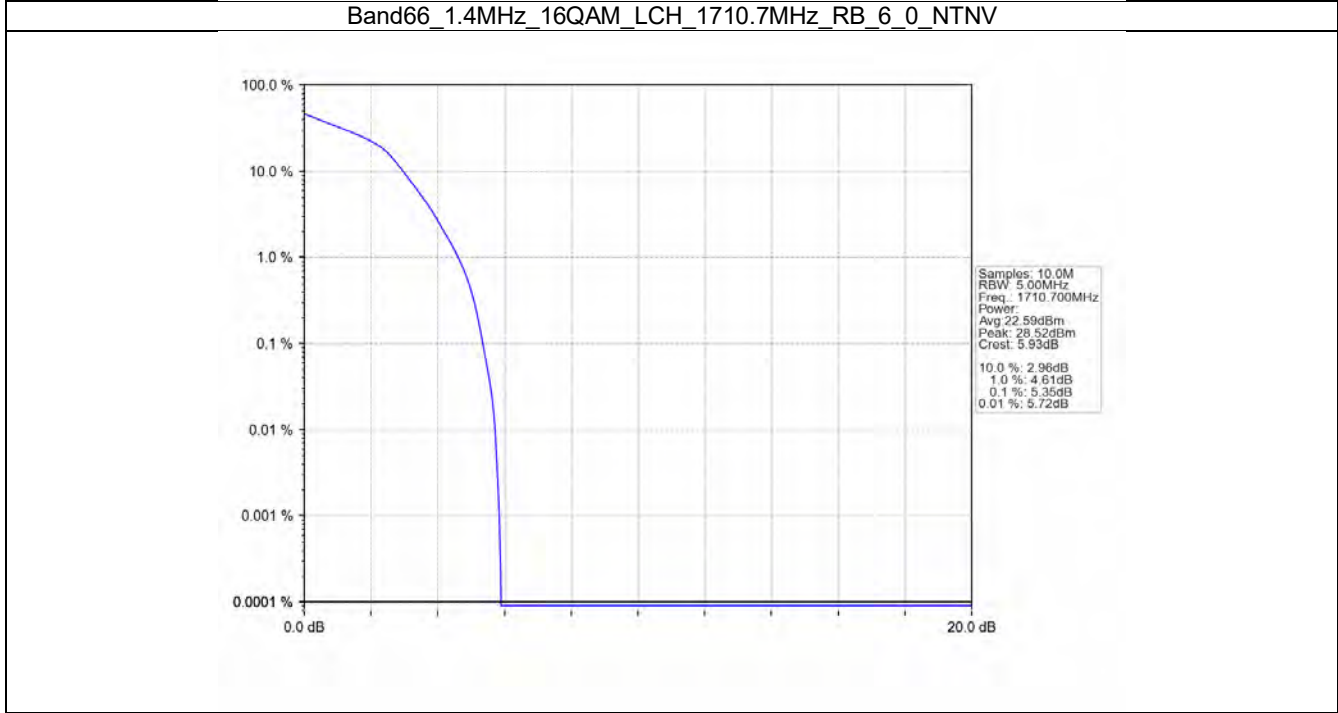
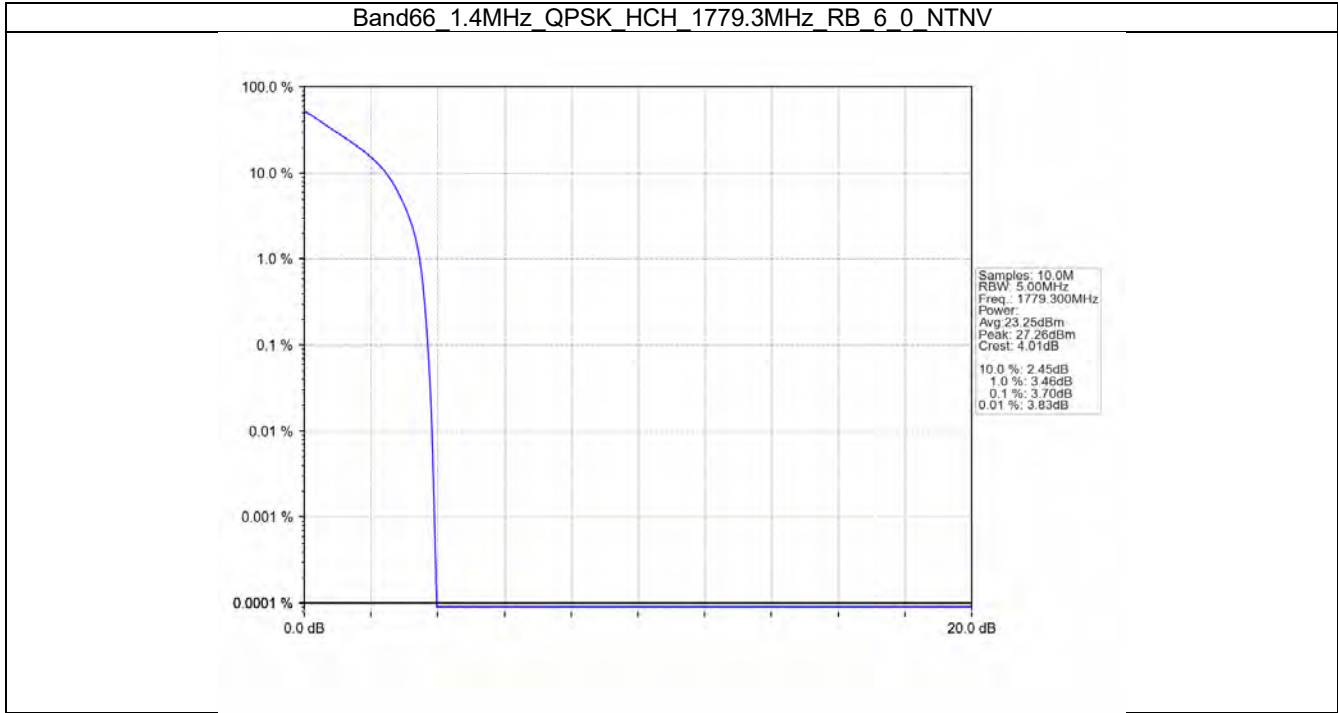
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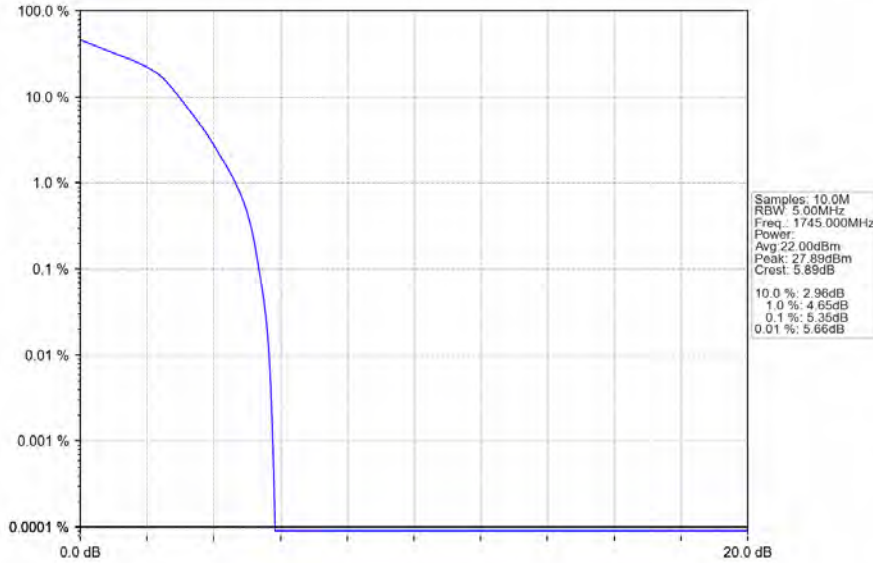
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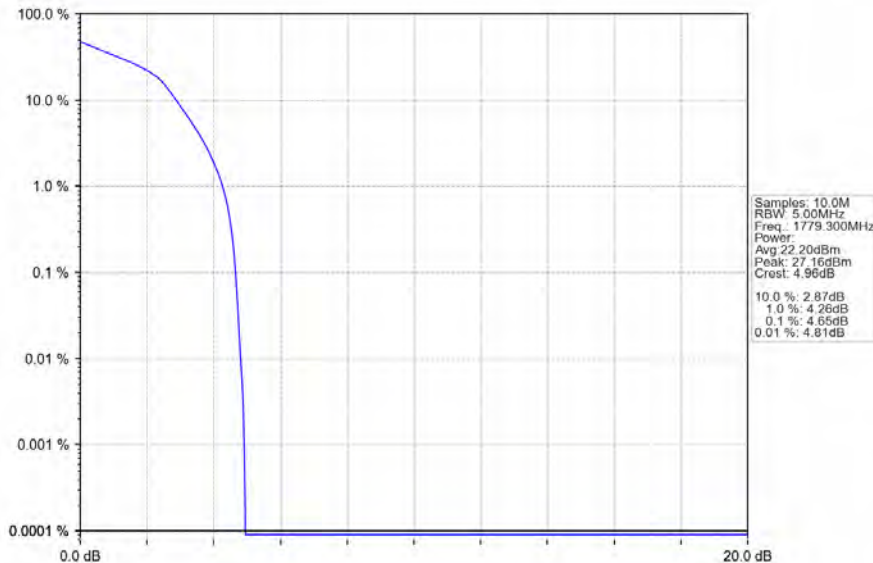
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Band66\_1.4MHz\_16QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV



Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



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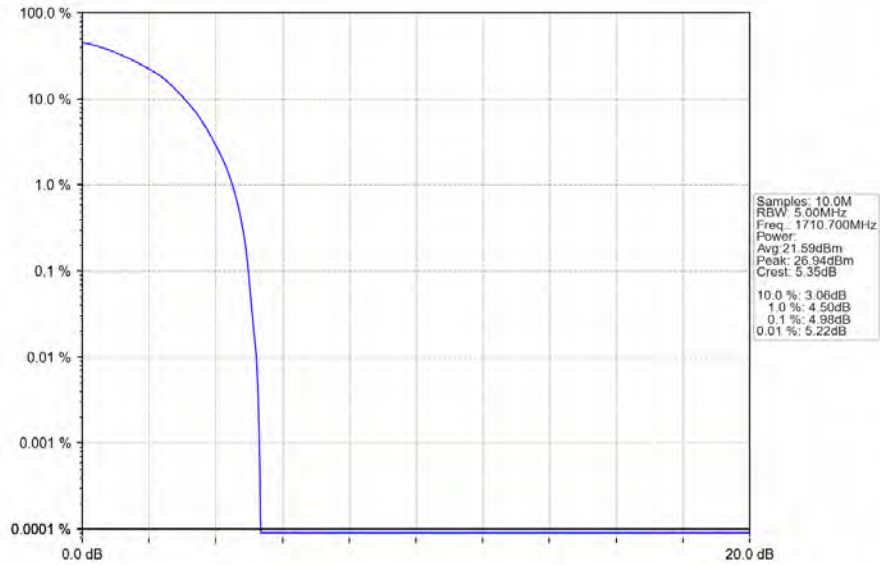




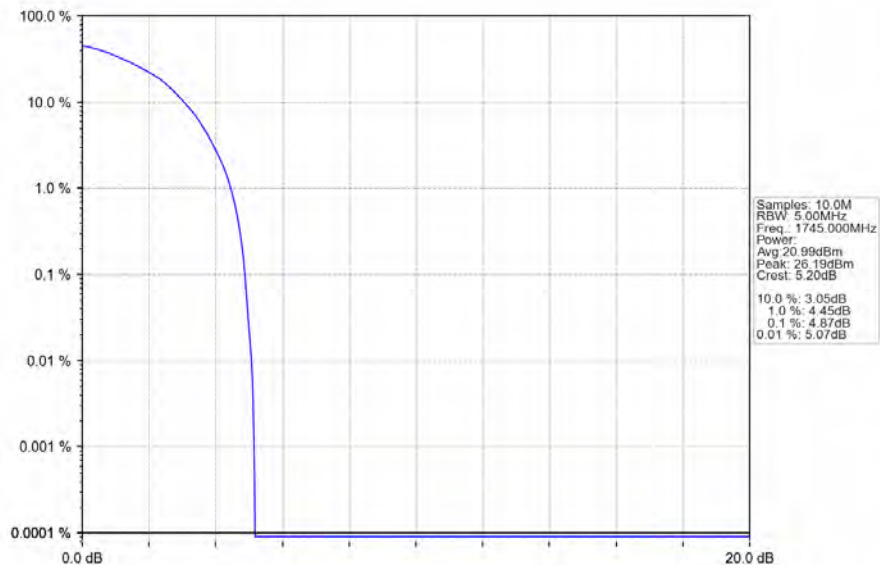
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Band66\_1.4MHz\_64QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



Band66\_1.4MHz\_64QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV



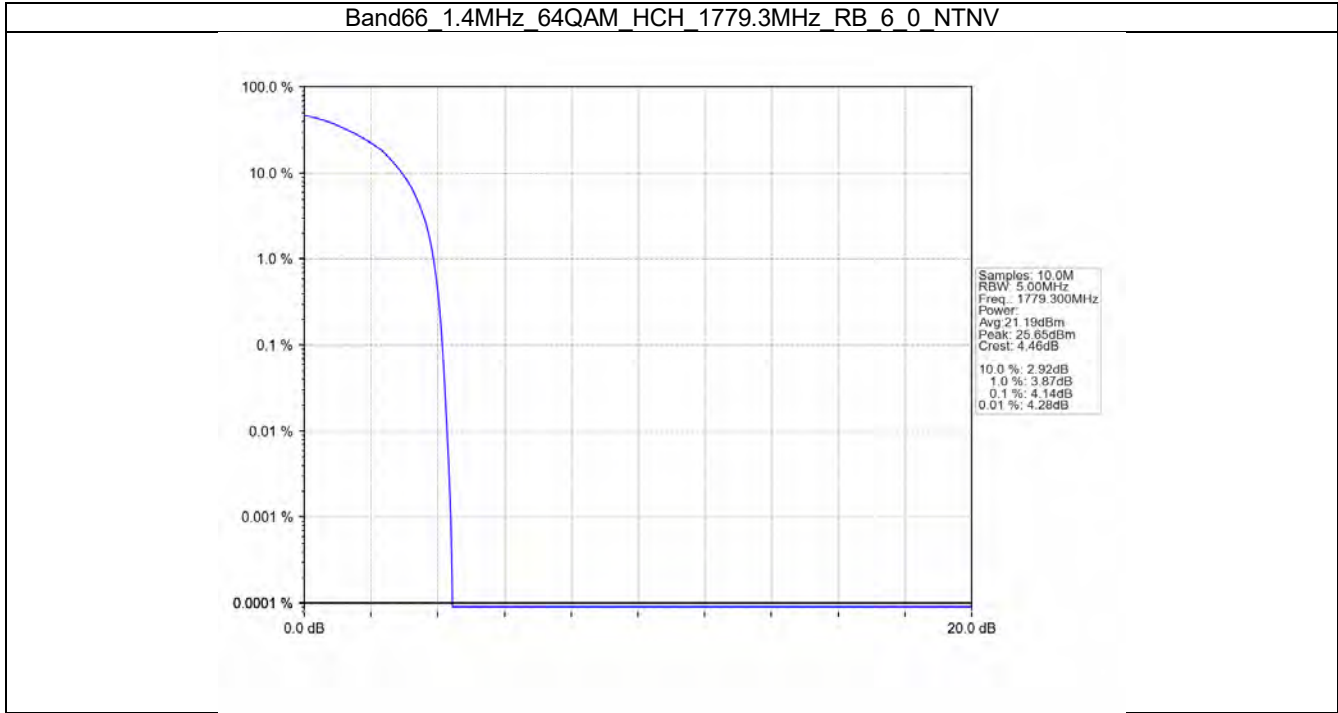
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## 5.2 B66\_3MHz

### 5.2.1 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	4.92	<=13	Pass
	1745	15	0	4.81	<=13	Pass
	1778.5	15	0	4.35	<=13	Pass
16QAM	1711.5	15	0	5.71	<=13	Pass
	1745	15	0	5.68	<=13	Pass
	1778.5	15	0	5.19	<=13	Pass
64QAM	1711.5	15	0	5.42	<=13	Pass
	1745	15	0	5.23	<=13	Pass
	1778.5	15	0	4.80	<=13	Pass



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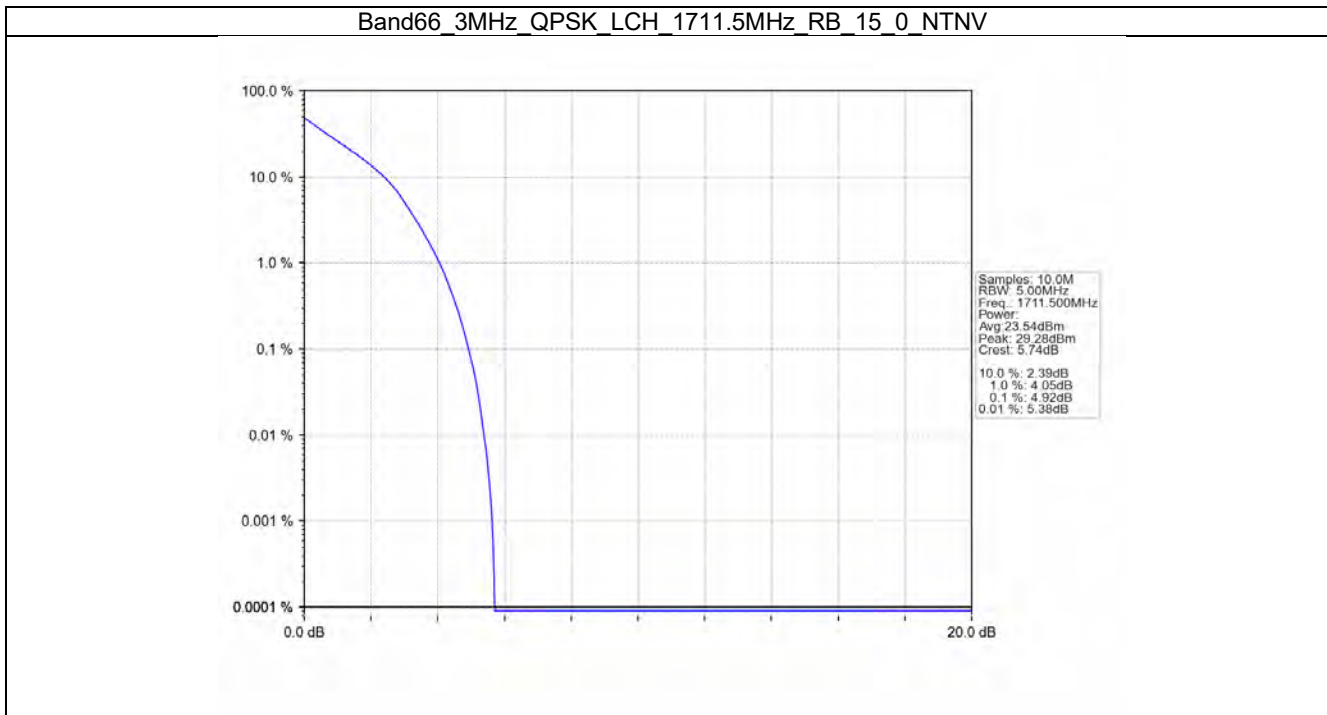




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5.2.2 Test Graph



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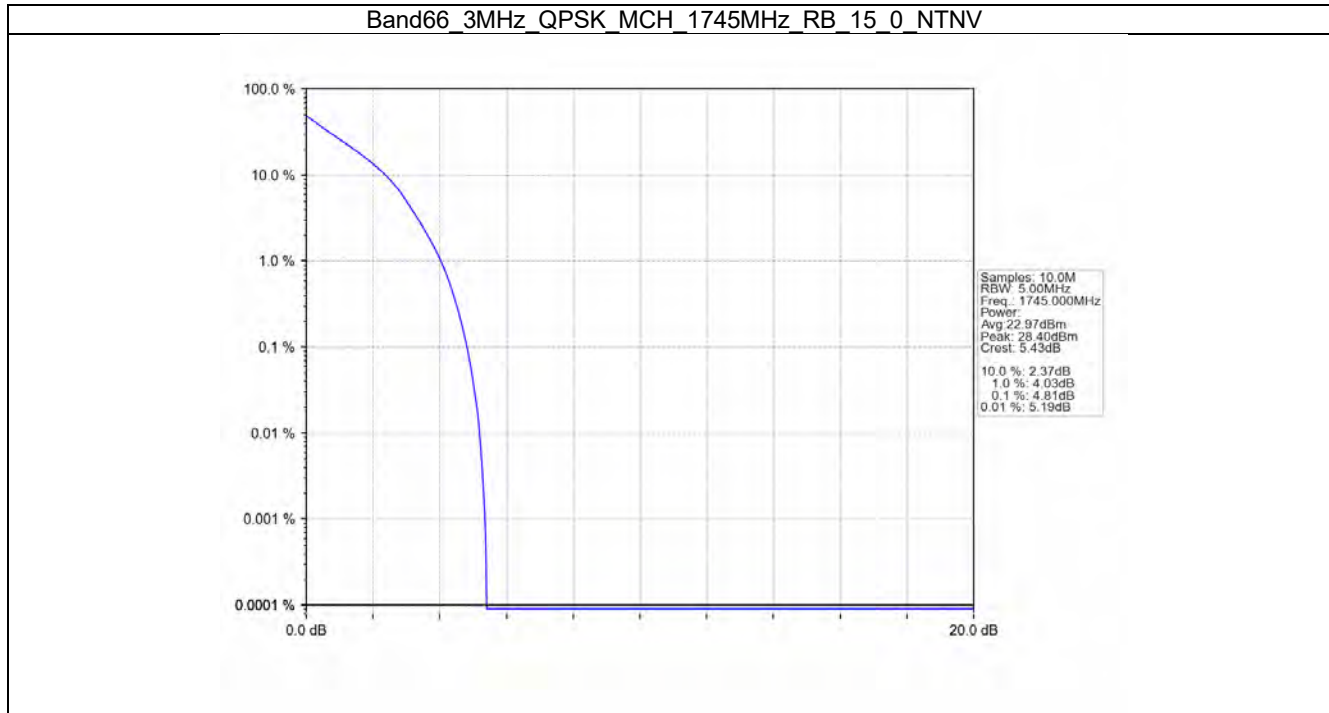
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Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_15\_0\_NTNV



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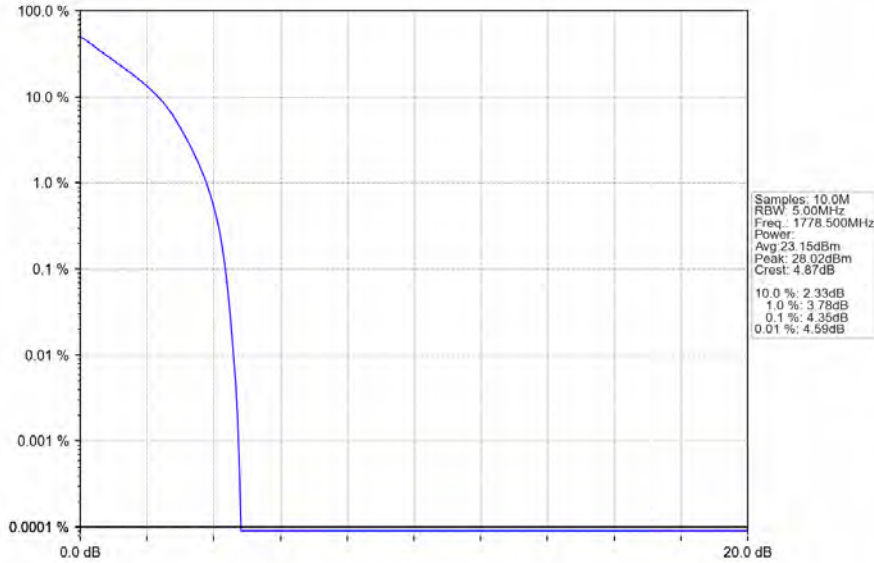
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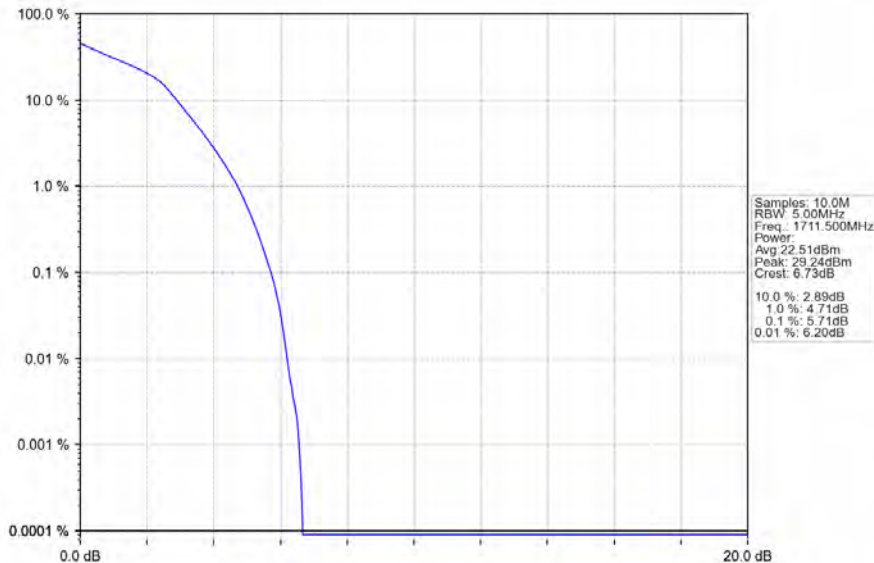
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Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



Band66\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



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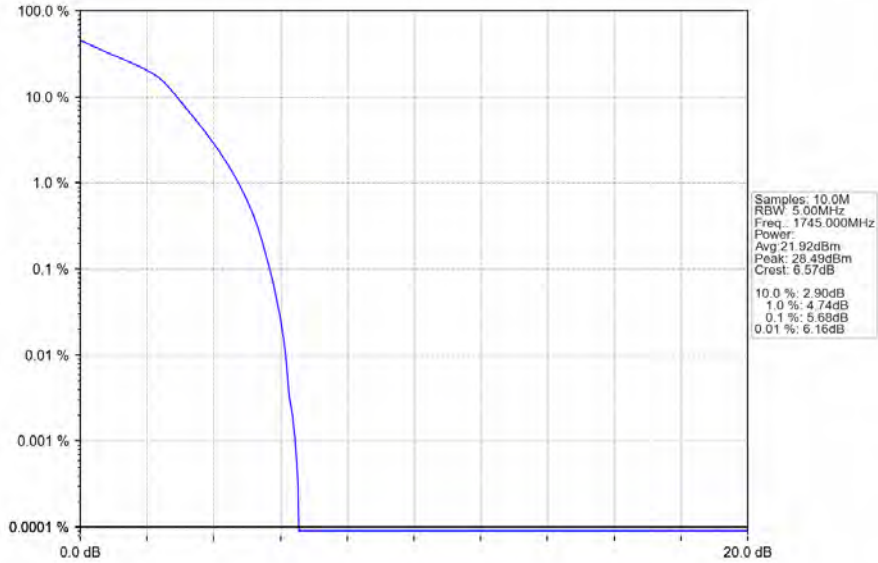
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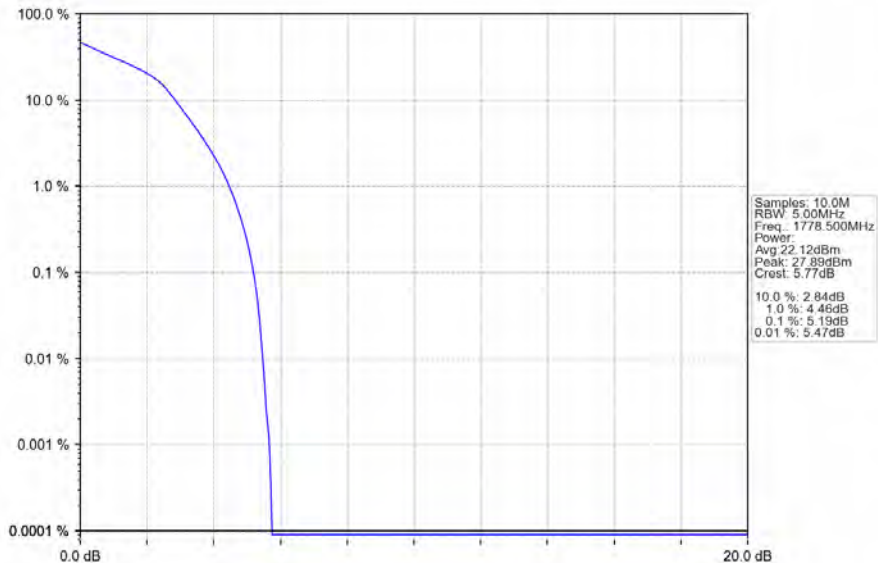
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Band66\_3MHz\_16QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



Band66\_3MHz\_16QAM\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



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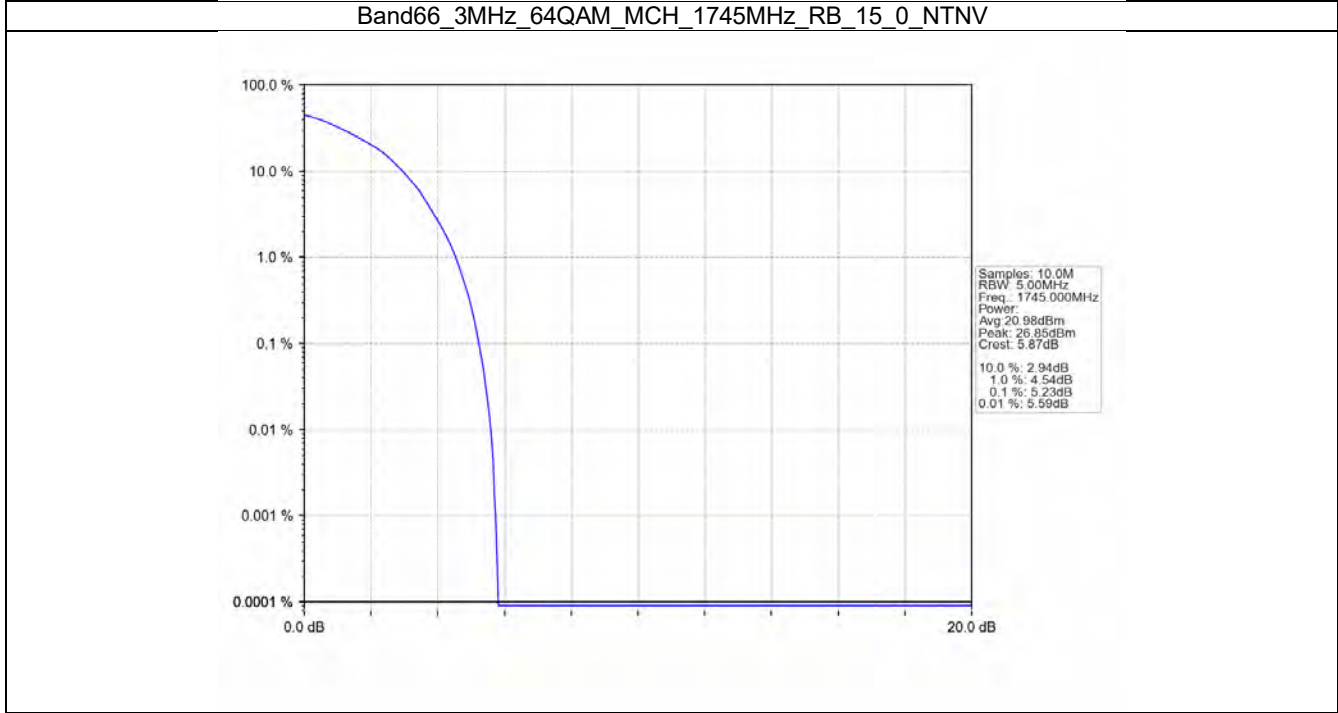
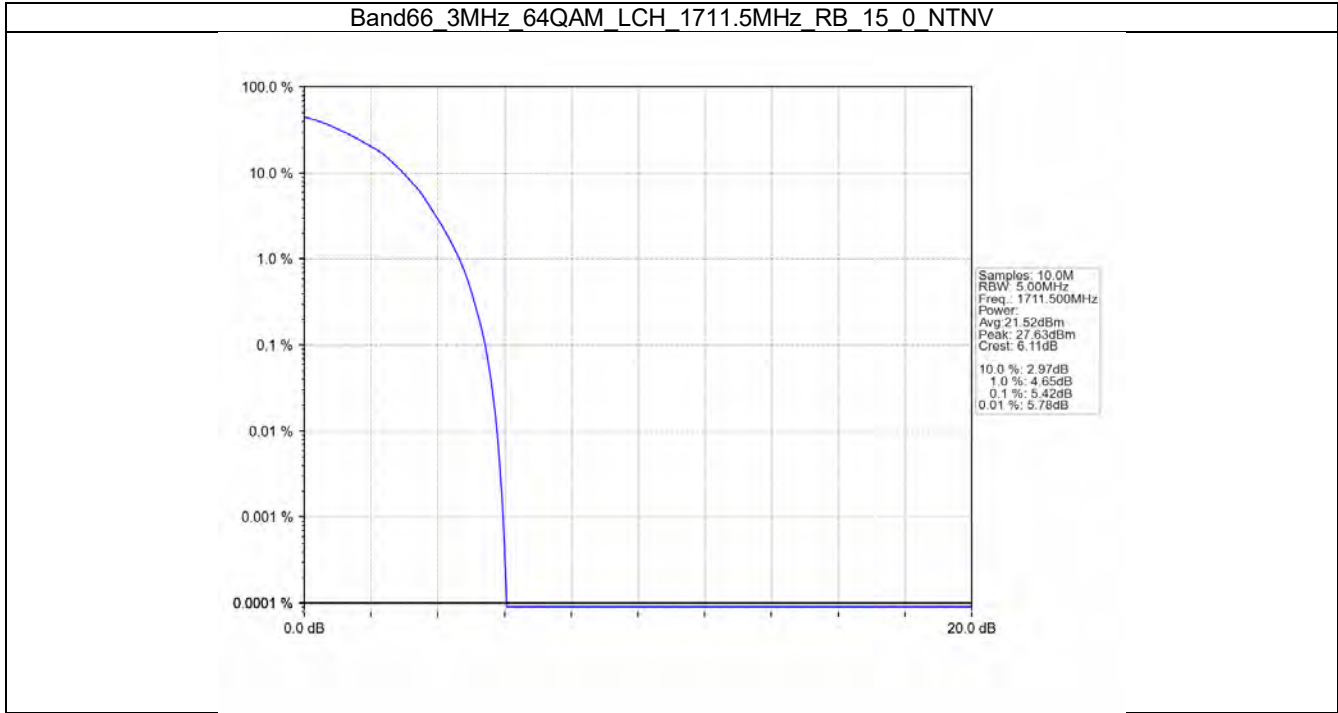
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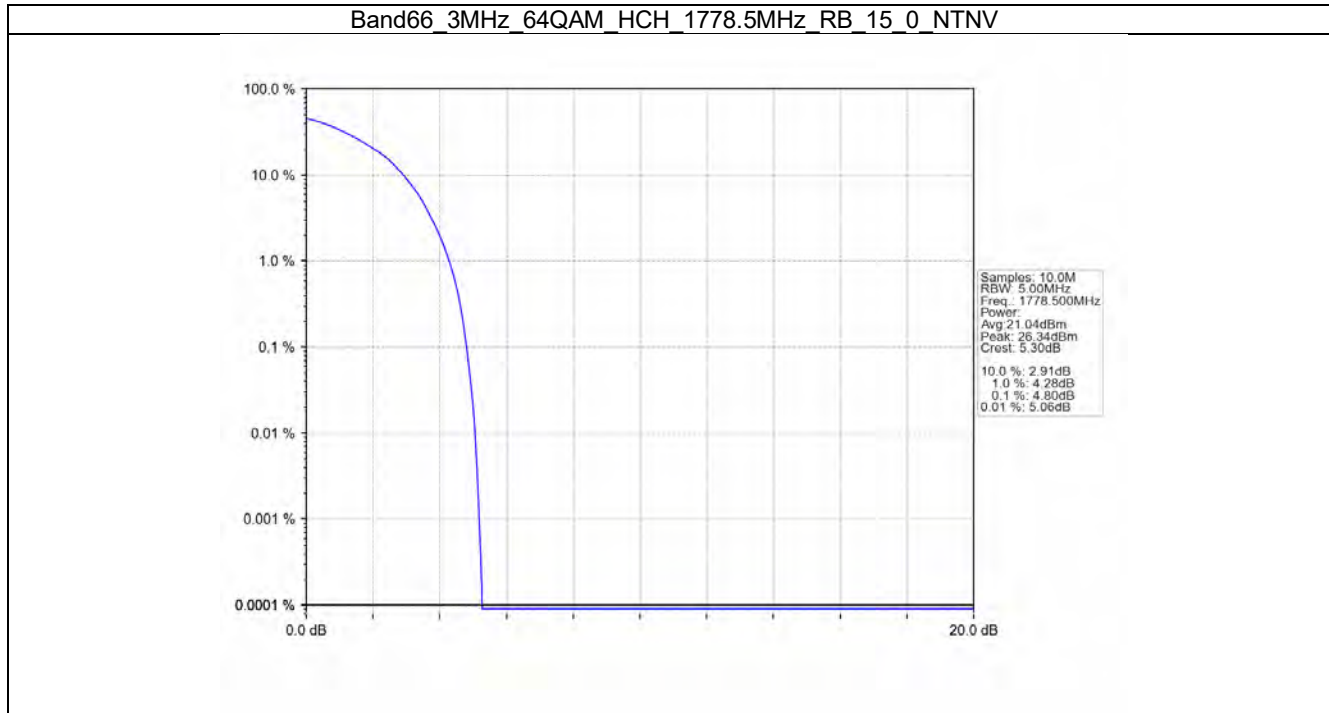


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## 5.3 B66\_5MHz

### 5.3.1 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	5.29	<=13	Pass	
	1745	25	0	5.23	<=13	Pass	
	1777.5	25	0	4.94	<=13	Pass	
16QAM	1712.5	25	0	5.96	<=13	Pass	
	1745	25	0	5.93	<=13	Pass	
	1777.5	25	0	5.68	<=13	Pass	
64QAM	1712.5	25	0	5.82	<=13	Pass	
	1745	25	0	5.72	<=13	Pass	
	1777.5	25	0	5.47	<=13	Pass	



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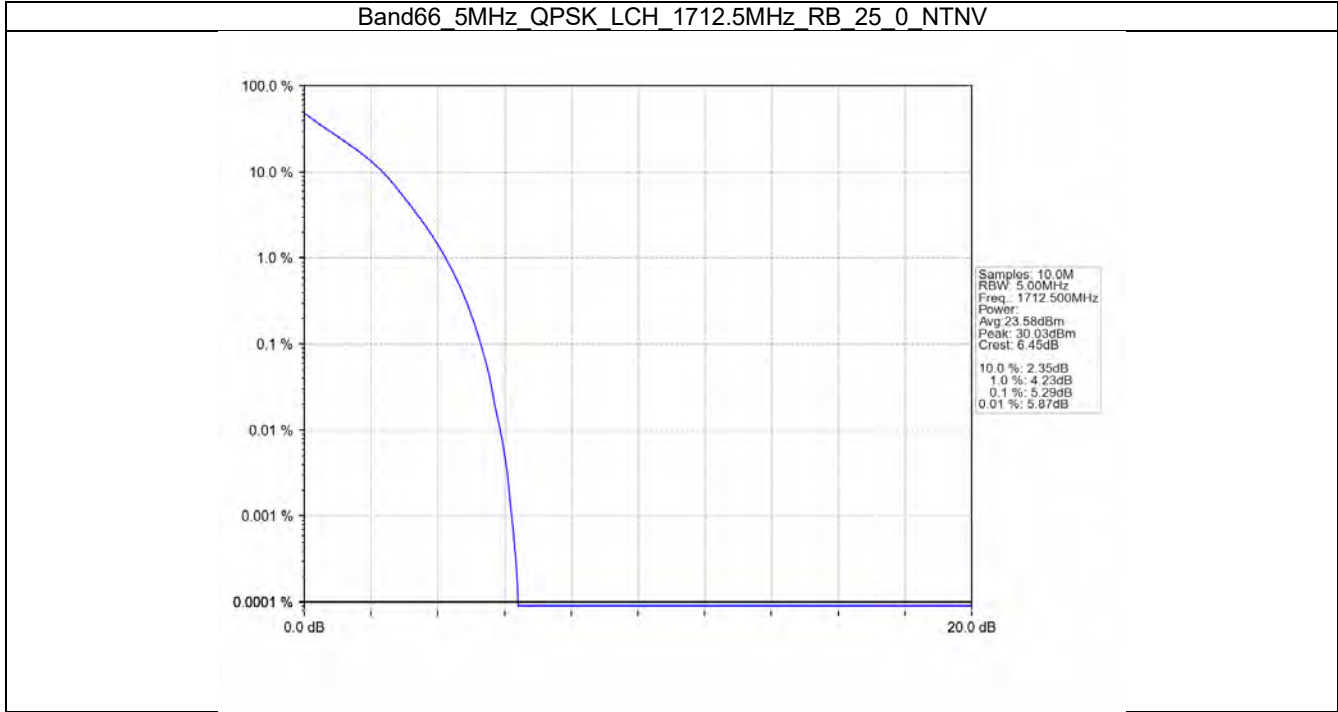
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5.3.2 Test Graph



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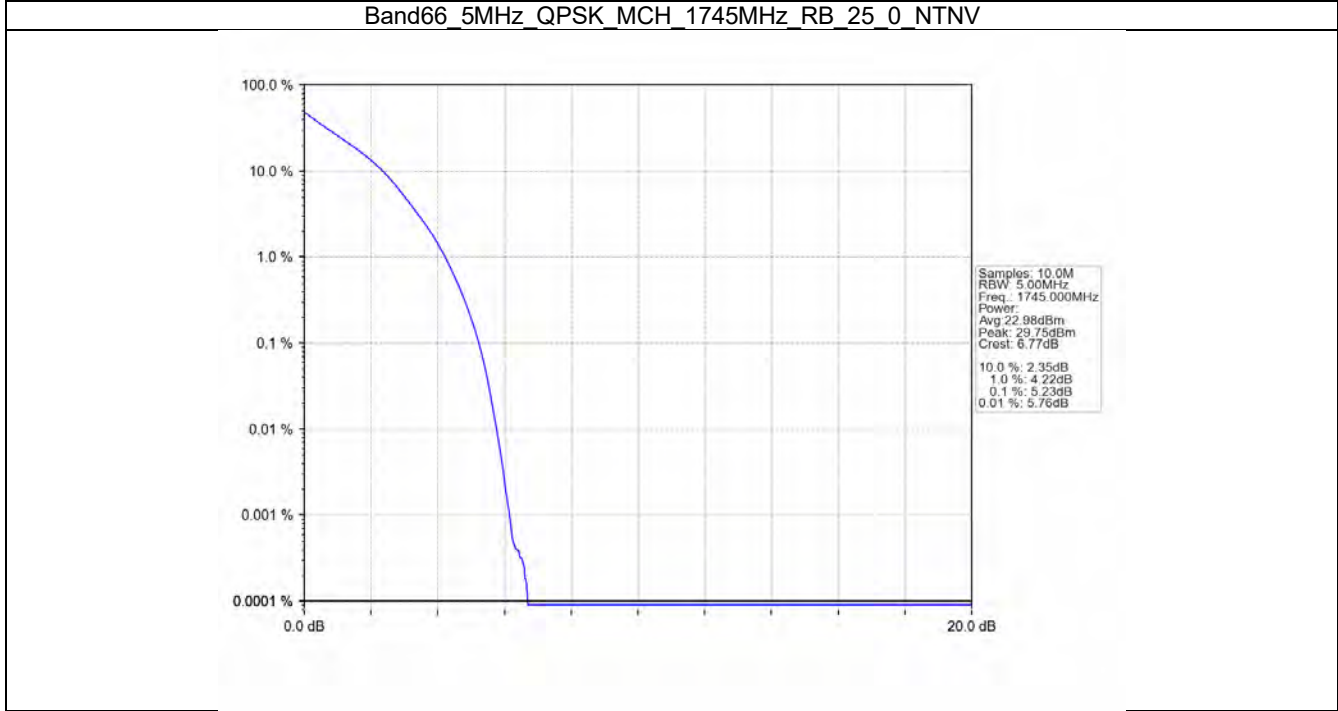




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Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_25\_0\_NTNV



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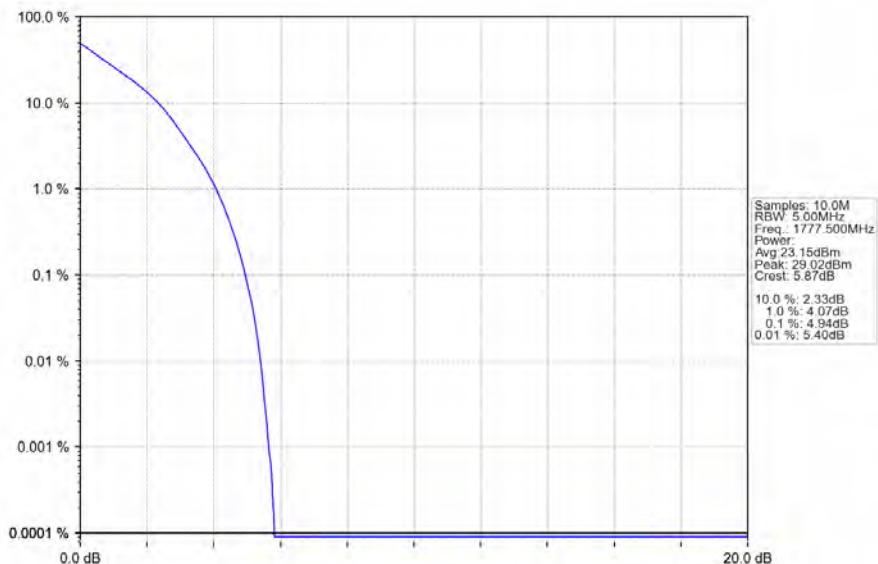
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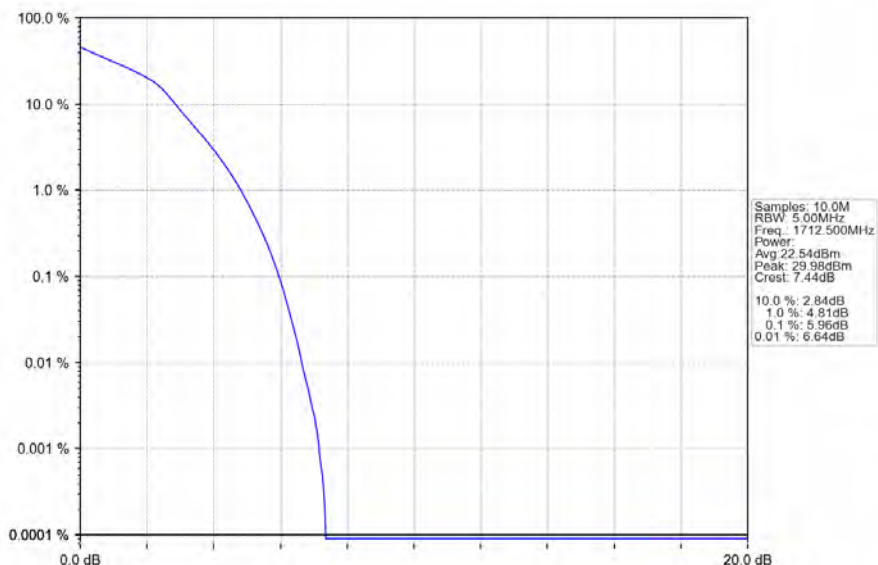
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Band66\_5MHz\_QPSK\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



Band66\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



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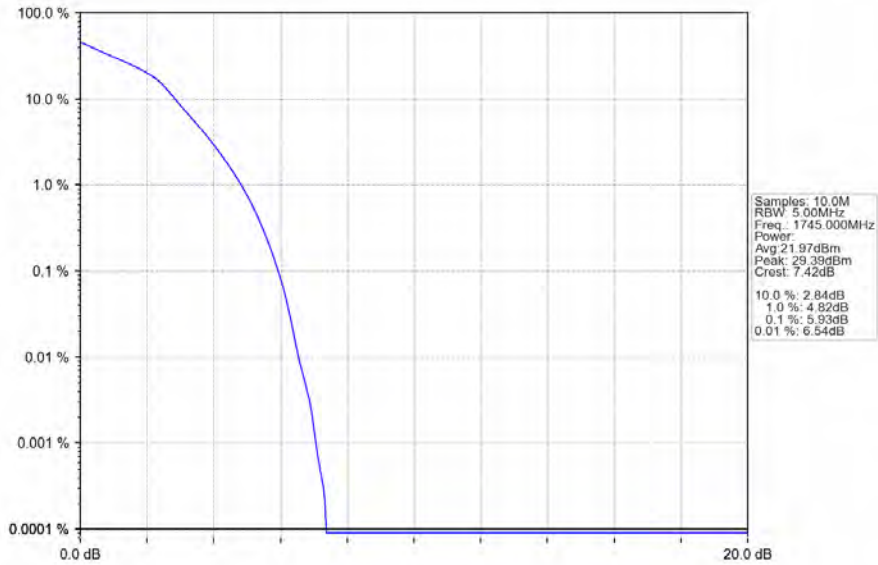
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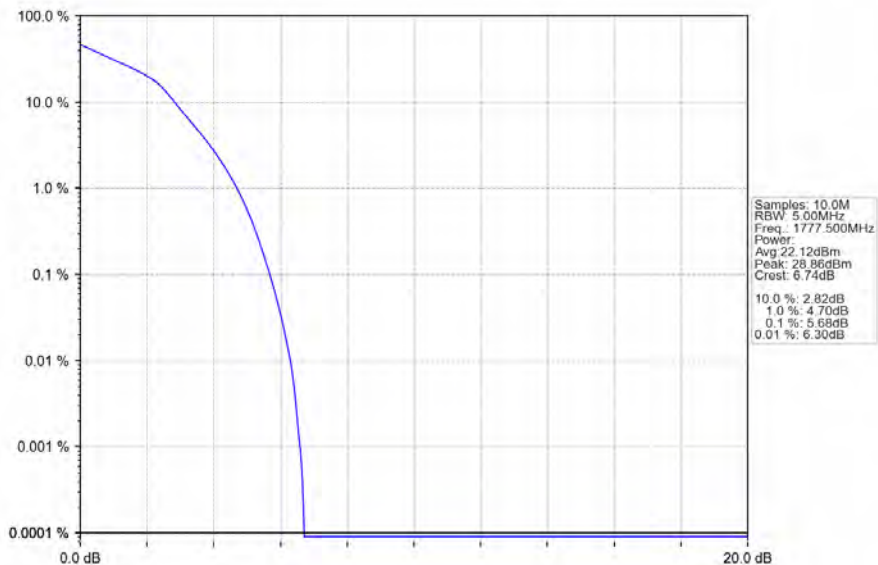
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Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



Band66\_5MHz\_16QAM\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



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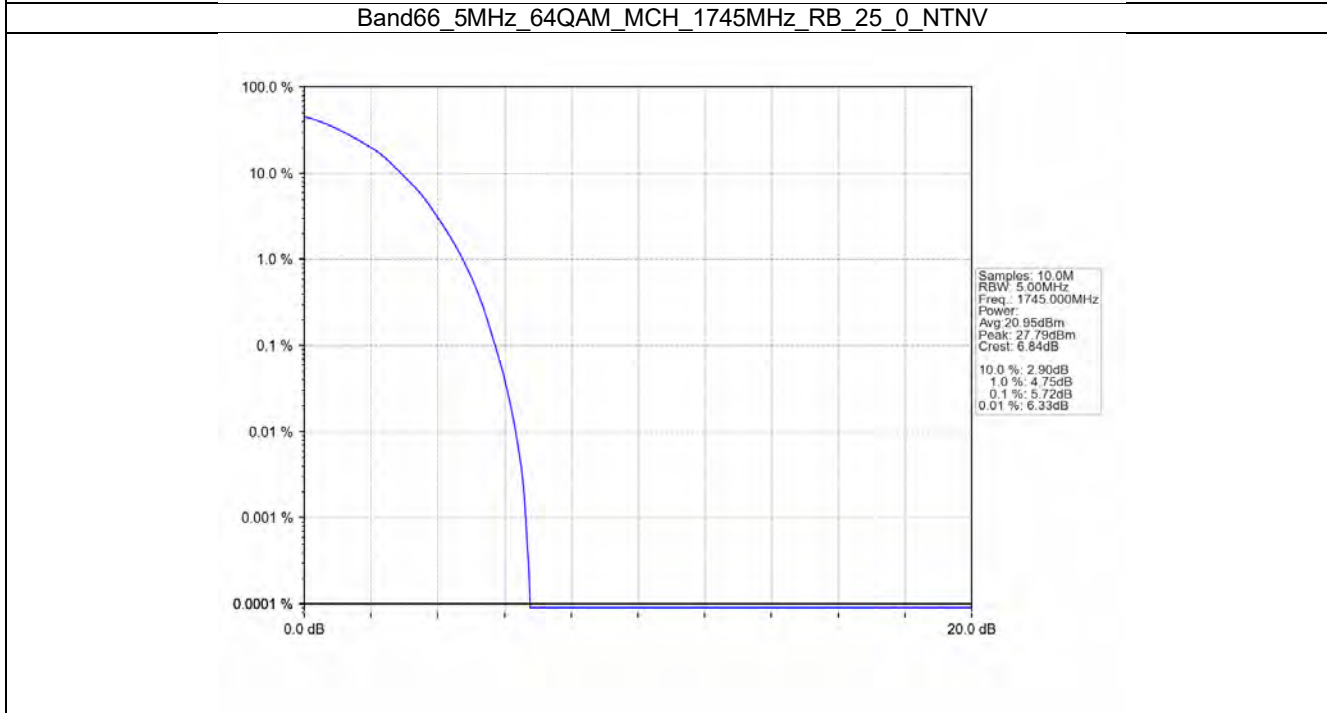
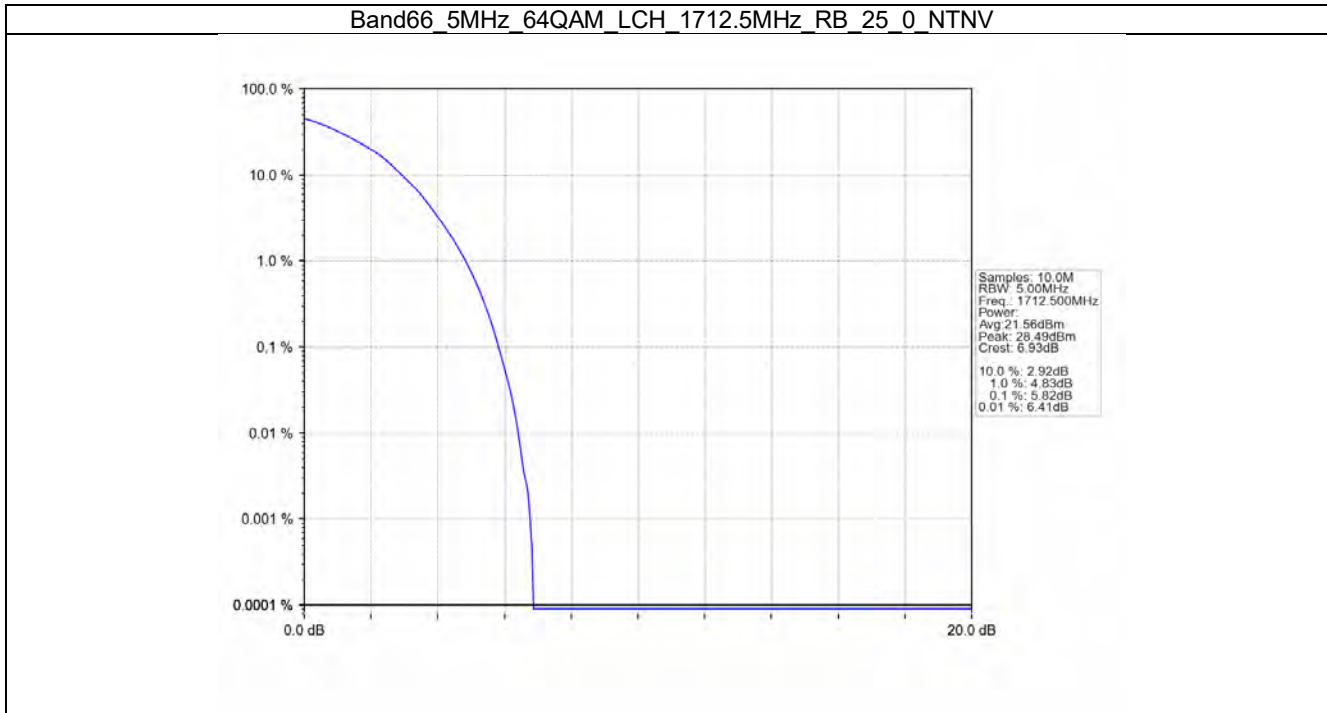
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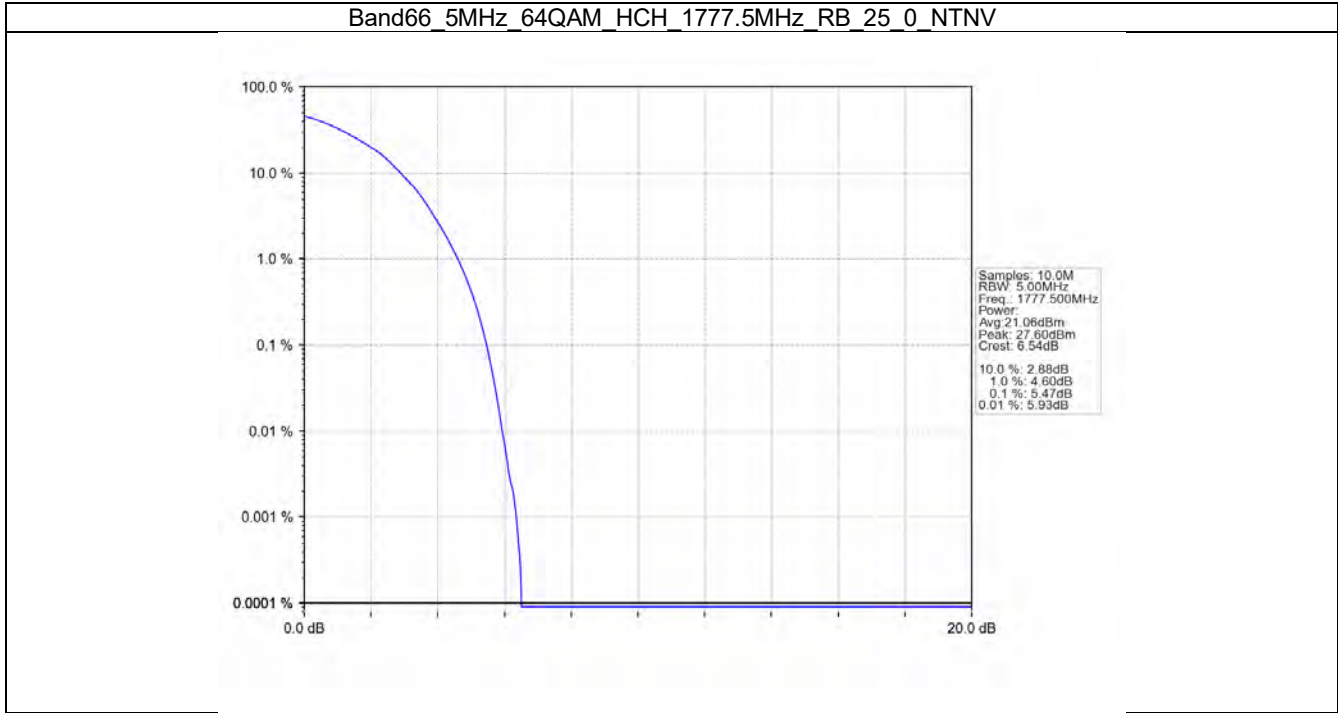
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## 5.4 B66\_10MHz

### 5.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.29	<=13	Pass
	1745	50	0	5.18	<=13	Pass
	1775	50	0	5.02	<=13	Pass
16QAM	1715	50	0	6.00	<=13	Pass
	1745	50	0	5.96	<=13	Pass
	1775	50	0	5.78	<=13	Pass
64QAM	1715	50	0	5.90	<=13	Pass
	1745	50	0	5.74	<=13	Pass
	1775	50	0	5.56	<=13	Pass



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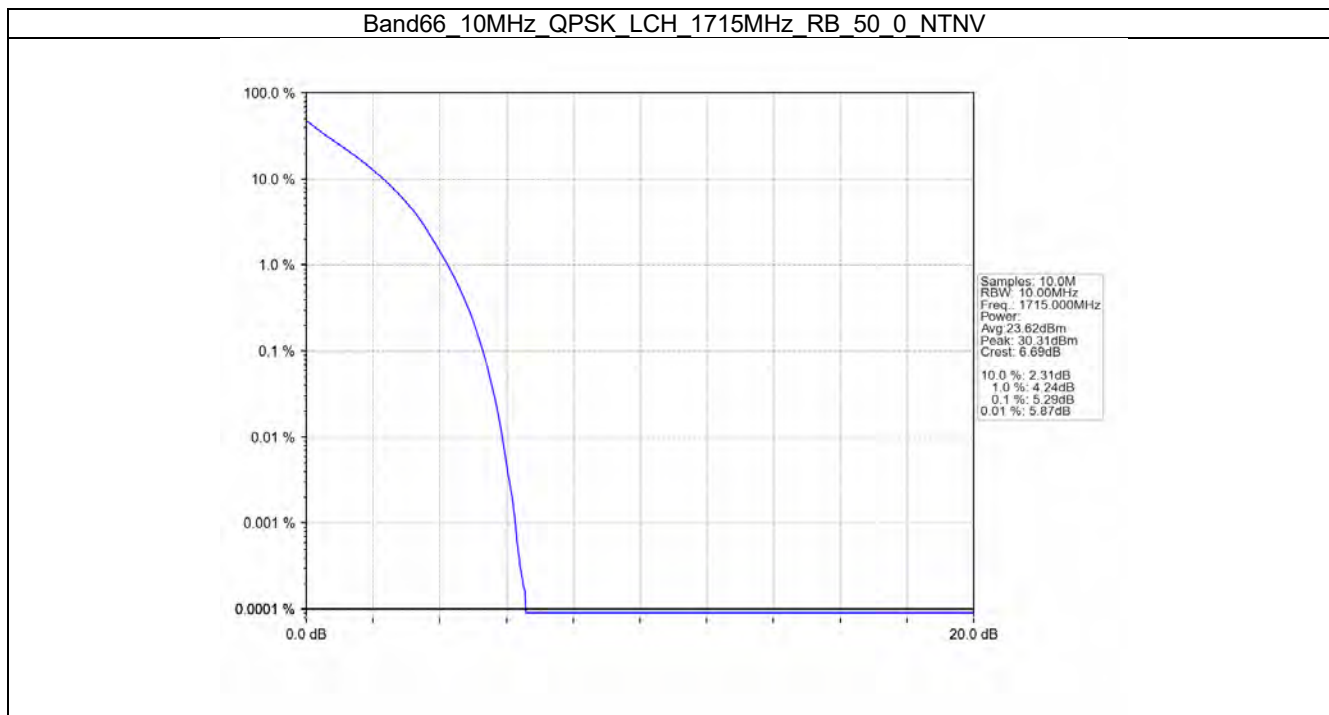
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5.4.2 Test Graph



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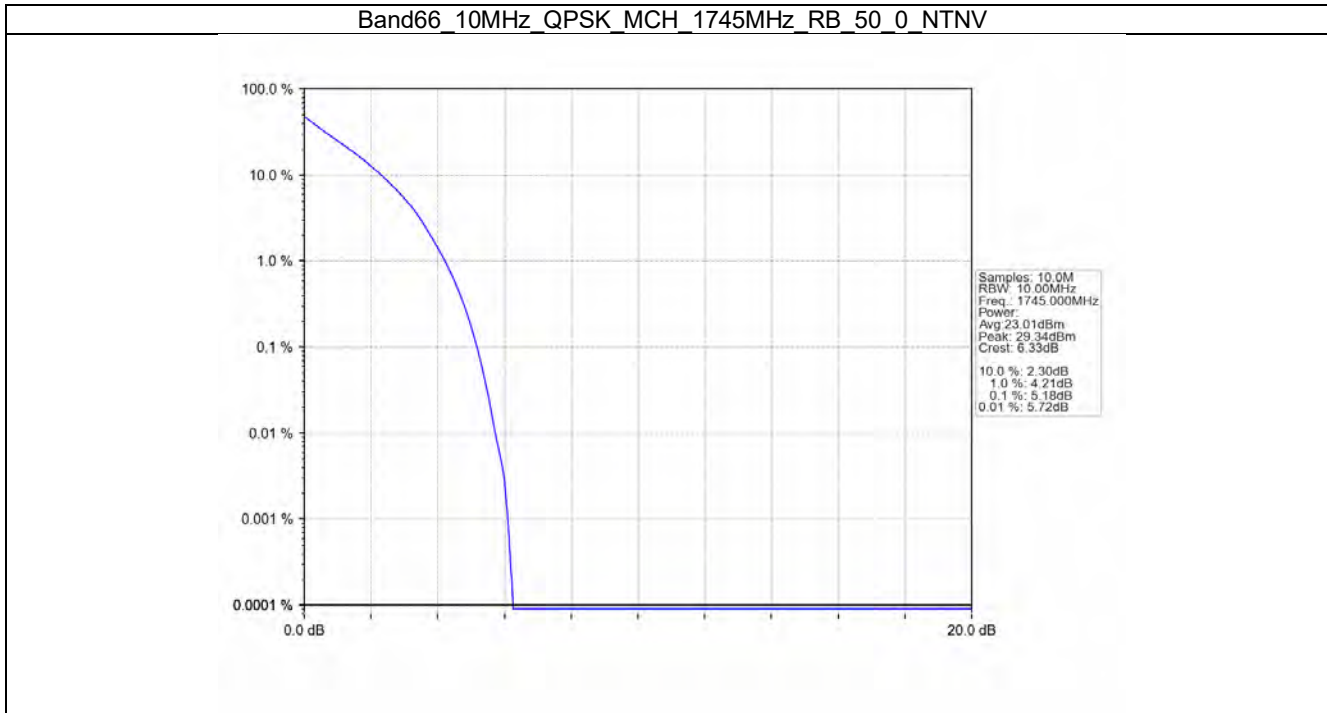
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Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_50\_0\_NTNV



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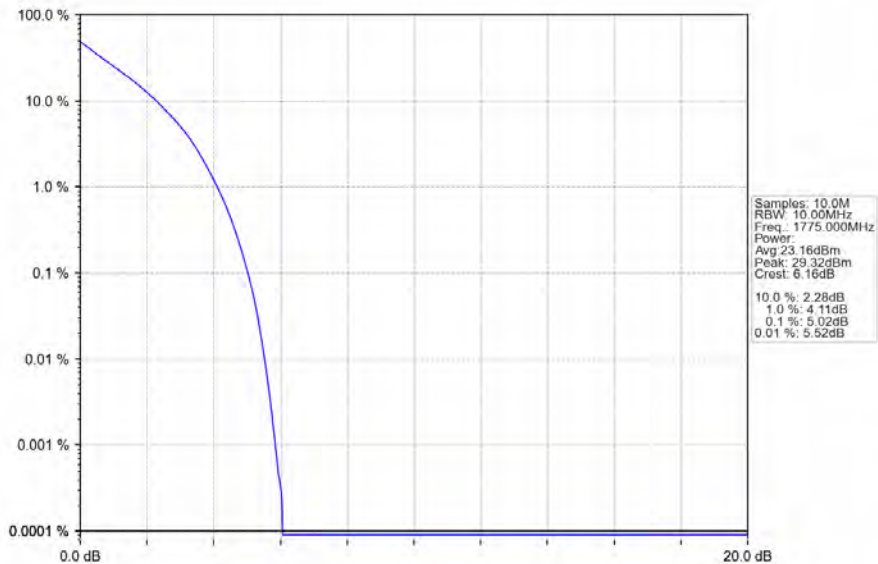




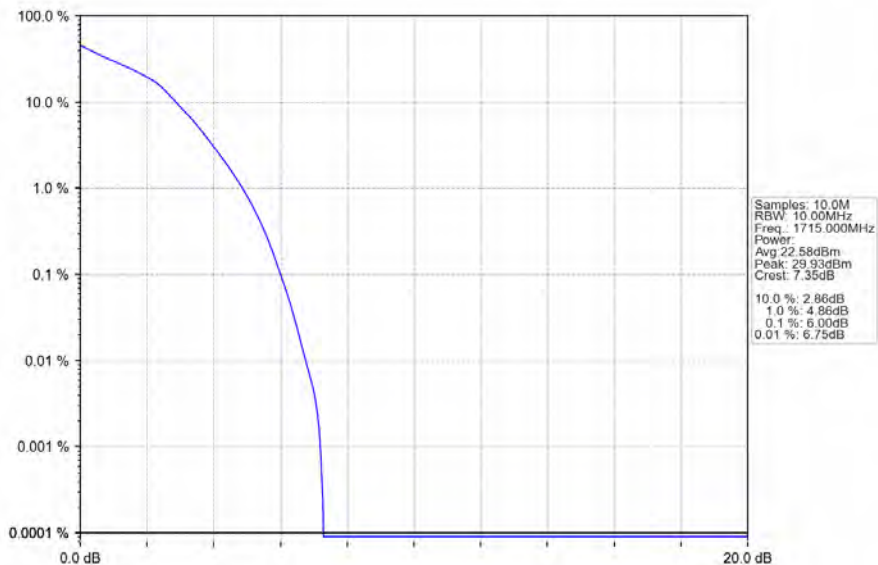
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Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_50\_0\_NTNV



Band66\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_50\_0\_NTNV



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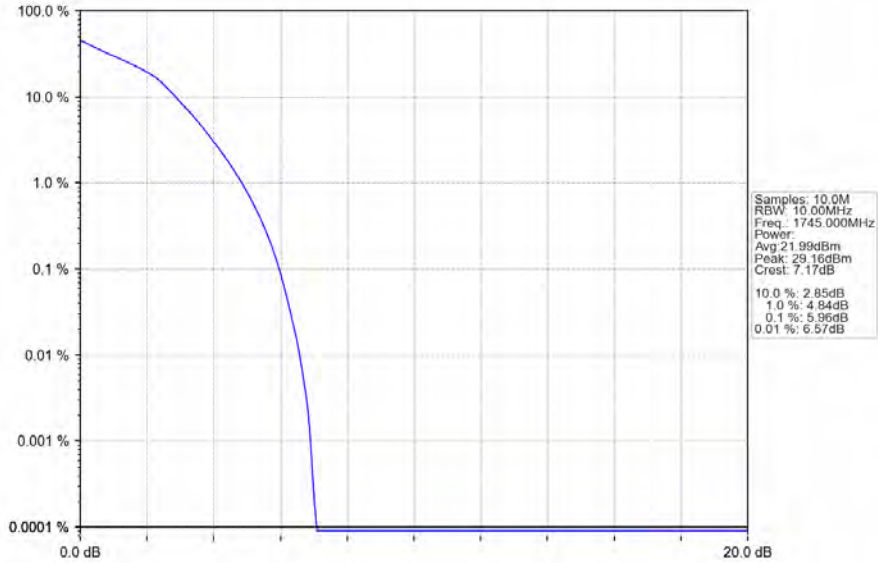
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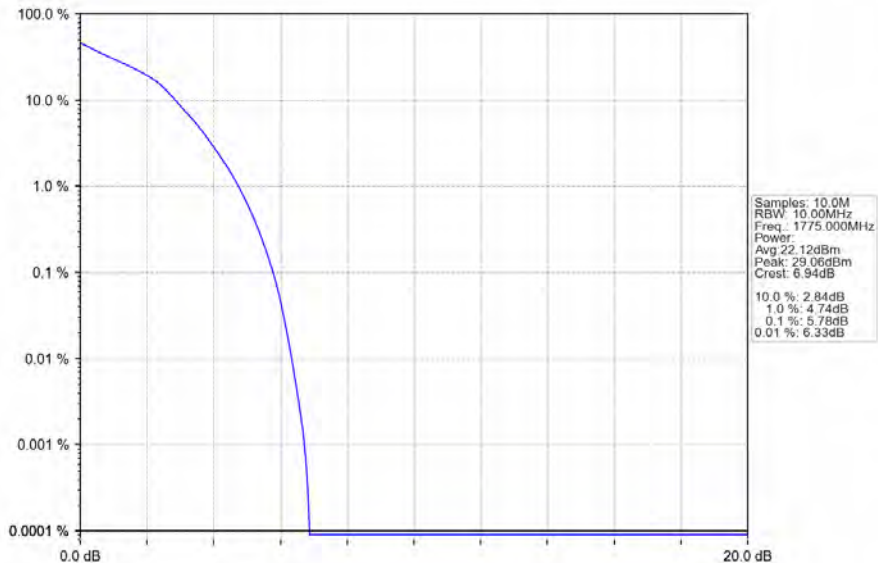
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Band66\_10MHz\_16QAM\_MCH\_1745MHz\_RB\_50\_0\_NTNV



Band66\_10MHz\_16QAM\_HCH\_1775MHz\_RB\_50\_0\_NTNV



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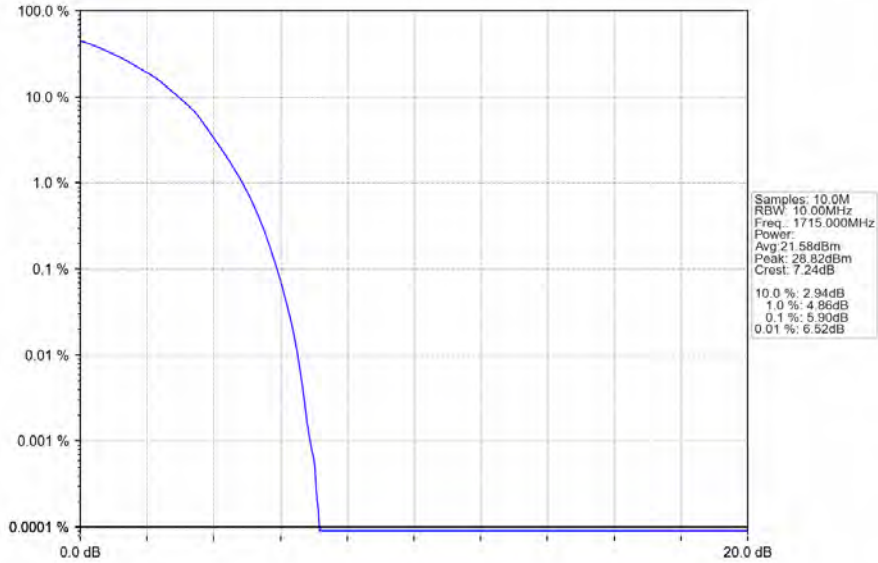
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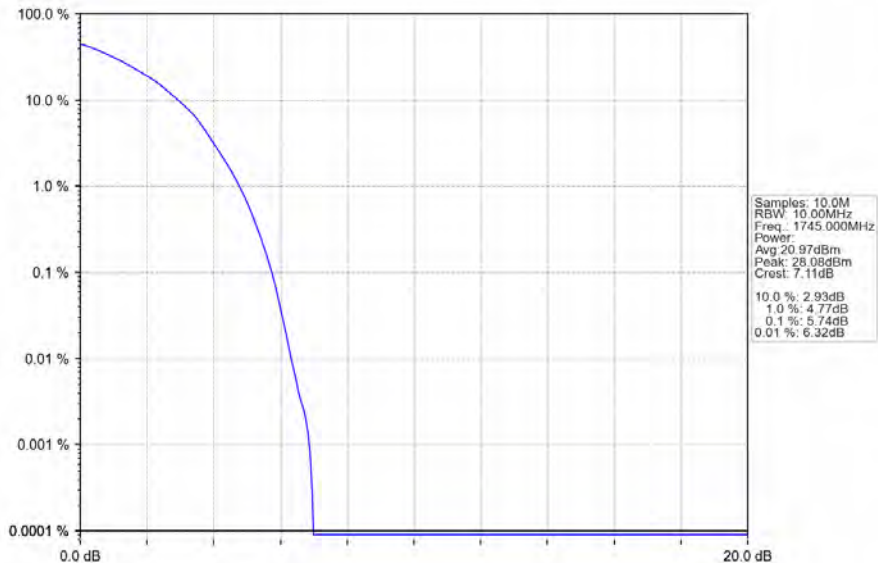
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Band66\_10MHz\_64QAM\_MCH\_1745MHz\_RB\_50\_0\_NTNV



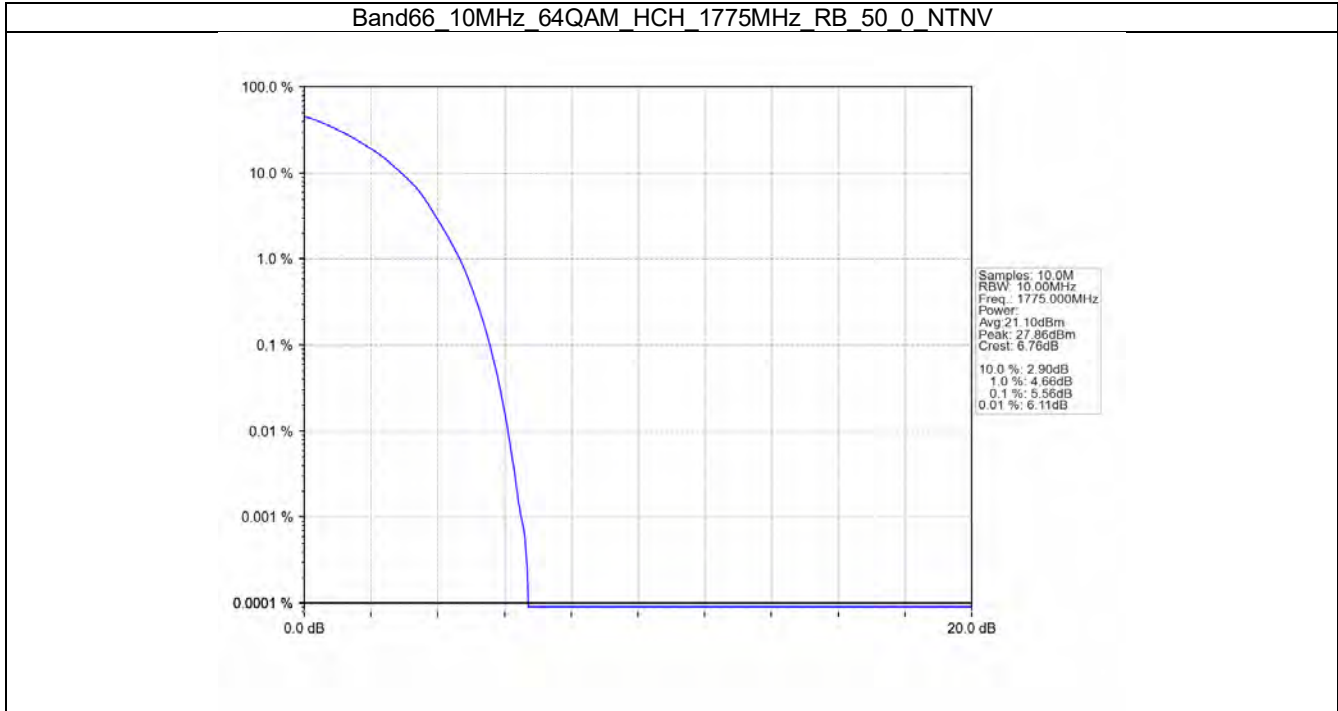
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## 5.5 B66\_15MHz

### 5.5.1 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	5.58	<=13	Pass
	1745	75	0	5.41	<=13	Pass
	1772.5	75	0	5.24	<=13	Pass
16QAM	1717.5	75	0	6.11	<=13	Pass
	1745	75	0	6.03	<=13	Pass
	1772.5	75	0	5.90	<=13	Pass
64QAM	1717.5	75	0	5.95	<=13	Pass
	1745	75	0	5.77	<=13	Pass
	1772.5	75	0	5.66	<=13	Pass



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