



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

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# Appendix B.6

## LTE Band 2



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

### 1.1 B2\_1.4MHz\_EIRP

#### 1.1.1 Test Result\_Ant1

Band: 2 / Bandwidth: 1.4MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1850.7	1	0	23.86	0.10	23.96	<=33.01	Pass		
			2	24.00	0.10	24.10	<=33.01	Pass		
			5	23.87	0.10	23.97	<=33.01	Pass		
		3	0	23.92	0.10	24.02	<=33.01	Pass		
			2	23.89	0.10	23.99	<=33.01	Pass		
			3	23.89	0.10	23.99	<=33.01	Pass		
		6	0	22.88	0.10	22.98	<=33.01	Pass		
			1	24.01	0.10	24.11	<=33.01	Pass		
			2	24.09	0.10	24.19	<=33.01	Pass		
	1880	1	5	24.03	0.10	24.13	<=33.01	Pass		
			0	24.10	0.10	24.20	<=33.01	Pass		
			2	24.09	0.10	24.19	<=33.01	Pass		
		3	3	24.07	0.10	24.17	<=33.01	Pass		
			0	23.08	0.10	23.18	<=33.01	Pass		
			2	24.69	0.10	24.79	<=33.01	Pass		
		1909.3	1	2	24.78	0.10	24.88	<=33.01	Pass	
				5	24.70	0.10	24.80	<=33.01	Pass	
				0	24.76	0.10	24.86	<=33.01	Pass	
	3		2	24.80	0.10	24.90	<=33.01	Pass		
			3	24.75	0.10	24.85	<=33.01	Pass		
			0	23.79	0.10	23.89	<=33.01	Pass		
	16QAM		1850.7	1	0	22.80	0.10	22.90	<=33.01	Pass
					2	22.90	0.10	23.00	<=33.01	Pass
					5	22.82	0.10	22.92	<=33.01	Pass
3		0		22.89	0.10	22.99	<=33.01	Pass		
		2		22.91	0.10	23.01	<=33.01	Pass		
		3		22.88	0.10	22.98	<=33.01	Pass		
6		0		21.78	0.10	21.88	<=33.01	Pass		
		1		22.96	0.10	23.06	<=33.01	Pass		
		2		23.04	0.10	23.14	<=33.01	Pass		
1880		1	5	22.95	0.10	23.05	<=33.01	Pass		
			0	23.21	0.10	23.31	<=33.01	Pass		
			2	23.24	0.10	23.34	<=33.01	Pass		
		3	3	23.20	0.10	23.30	<=33.01	Pass		
			0	22.05	0.10	22.15	<=33.01	Pass		
			2	23.87	0.10	23.97	<=33.01	Pass		
		1909.3	1	2	23.91	0.10	24.01	<=33.01	Pass	
				5	23.86	0.10	23.96	<=33.01	Pass	
				0	23.69	0.10	23.79	<=33.01	Pass	



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			2	23.71	0.10	23.81	<=33.01	Pass
			3	23.68	0.10	23.78	<=33.01	Pass
		6	0	22.78	0.10	22.88	<=33.01	Pass
64QAM	1850.7	1	0	21.88	0.10	21.98	<=33.01	Pass
			2	22.06	0.10	22.16	<=33.01	Pass
			5	21.86	0.10	21.96	<=33.01	Pass
		3	0	22.08	0.10	22.18	<=33.01	Pass
			2	22.06	0.10	22.16	<=33.01	Pass
			3	22.07	0.10	22.17	<=33.01	Pass
	6	0	21.13	0.10	21.23	<=33.01	Pass	
	1880	1	0	22.31	0.10	22.41	<=33.01	Pass
			2	22.45	0.10	22.55	<=33.01	Pass
			5	22.28	0.10	22.38	<=33.01	Pass
		3	0	22.25	0.10	22.35	<=33.01	Pass
			2	22.23	0.10	22.33	<=33.01	Pass
			3	22.16	0.10	22.26	<=33.01	Pass
	6	0	21.04	0.10	21.14	<=33.01	Pass	
	1909.3	1	0	22.72	0.10	22.82	<=33.01	Pass
			2	22.87	0.10	22.97	<=33.01	Pass
			5	22.77	0.10	22.87	<=33.01	Pass
		3	0	22.89	0.10	22.99	<=33.01	Pass
			2	22.91	0.10	23.01	<=33.01	Pass
			3	22.91	0.10	23.01	<=33.01	Pass
	6	0	21.95	0.10	22.05	<=33.01	Pass	

Note 1: EIRP=Conducted Power+Antenna Gain



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## 1.2 B2\_3MHz\_EIRP

### 1.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1851.5	1	0	23.92	0.10	24.02	<=33.01	Pass		
			7	24.05	0.10	24.15	<=33.01	Pass		
			14	23.94	0.10	24.04	<=33.01	Pass		
		8	0	22.92	0.10	23.02	<=33.01	Pass		
			4	22.94	0.10	23.04	<=33.01	Pass		
			7	22.91	0.10	23.01	<=33.01	Pass		
		15	0	22.88	0.10	22.98	<=33.01	Pass		
		1880	1	0	24.16	0.10	24.26	<=33.01	Pass	
				7	24.25	0.10	24.35	<=33.01	Pass	
	14			24.09	0.10	24.19	<=33.01	Pass		
	8		0	23.08	0.10	23.18	<=33.01	Pass		
			4	23.12	0.10	23.22	<=33.01	Pass		
			7	23.06	0.10	23.16	<=33.01	Pass		
	15		0	23.02	0.10	23.12	<=33.01	Pass		
	1908.5		1	0	24.77	0.10	24.87	<=33.01	Pass	
				7	24.93	0.10	25.03	<=33.01	Pass	
		14		24.78	0.10	24.88	<=33.01	Pass		
		8	0	23.81	0.10	23.91	<=33.01	Pass		
			4	23.84	0.10	23.94	<=33.01	Pass		
			7	23.80	0.10	23.90	<=33.01	Pass		
		15	0	23.80	0.10	23.90	<=33.01	Pass		
		16QAM	1851.5	1	0	23.05	0.10	23.15	<=33.01	Pass
					7	23.18	0.10	23.28	<=33.01	Pass
	14				23.05	0.10	23.15	<=33.01	Pass	
	8			0	21.84	0.10	21.94	<=33.01	Pass	
				4	21.90	0.10	22.00	<=33.01	Pass	
				7	21.83	0.10	21.93	<=33.01	Pass	
15	0			21.79	0.10	21.89	<=33.01	Pass		
1880	1			0	23.09	0.10	23.19	<=33.01	Pass	
				7	23.22	0.10	23.32	<=33.01	Pass	
			14	23.06	0.10	23.16	<=33.01	Pass		
	8		0	22.10	0.10	22.20	<=33.01	Pass		
			4	22.13	0.10	22.23	<=33.01	Pass		
			7	22.07	0.10	22.17	<=33.01	Pass		
	15		0	22.04	0.10	22.14	<=33.01	Pass		
	1908.5		1	0	24.27	0.10	24.37	<=33.01	Pass	
				7	24.40	0.10	24.50	<=33.01	Pass	
14				24.23	0.10	24.33	<=33.01	Pass		
8			0	22.96	0.10	23.06	<=33.01	Pass		
			4	22.97	0.10	23.07	<=33.01	Pass		
			7	22.94	0.10	23.04	<=33.01	Pass		



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64QAM	1851.5	15	0	22.79	0.10	22.89	<=33.01	Pass	
			1	0	21.90	0.10	22.00	<=33.01	Pass
				7	22.06	0.10	22.16	<=33.01	Pass
		8	14	21.94	0.10	22.04	<=33.01	Pass	
			0	20.82	0.10	20.92	<=33.01	Pass	
			4	20.85	0.10	20.95	<=33.01	Pass	
		15	7	20.81	0.10	20.91	<=33.01	Pass	
			0	21.00	0.10	21.10	<=33.01	Pass	
			1	0	21.95	0.10	22.05	<=33.01	Pass
	7	22.06		0.10	22.16	<=33.01	Pass		
	14	21.82		0.10	21.92	<=33.01	Pass		
	1880	8	0	21.10	0.10	21.20	<=33.01	Pass	
			4	21.13	0.10	21.23	<=33.01	Pass	
			7	21.08	0.10	21.18	<=33.01	Pass	
	1908.5	1	0	21.08	0.10	21.18	<=33.01	Pass	
			0	22.95	0.10	23.05	<=33.01	Pass	
			7	23.11	0.10	23.21	<=33.01	Pass	
	1908.5	8	14	22.98	0.10	23.08	<=33.01	Pass	
			0	21.96	0.10	22.06	<=33.01	Pass	
			4	21.99	0.10	22.09	<=33.01	Pass	
	1908.5	15	7	21.91	0.10	22.01	<=33.01	Pass	
			0	21.79	0.10	21.89	<=33.01	Pass	
			0	21.79	0.10	21.89	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain



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## 1.3 B2\_5MHz\_EIRP

### 1.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1852.5	1	0	23.87	0.10	23.97	<=33.01	Pass		
			13	24.04	0.10	24.14	<=33.01	Pass		
			24	23.91	0.10	24.01	<=33.01	Pass		
		12	0	22.90	0.10	23.00	<=33.01	Pass		
			6	22.97	0.10	23.07	<=33.01	Pass		
			13	22.94	0.10	23.04	<=33.01	Pass		
		25	0	22.88	0.10	22.98	<=33.01	Pass		
		1880	1	0	24.05	0.10	24.15	<=33.01	Pass	
				13	24.15	0.10	24.25	<=33.01	Pass	
	24			24.02	0.10	24.12	<=33.01	Pass		
	12		0	23.04	0.10	23.14	<=33.01	Pass		
			6	23.14	0.10	23.24	<=33.01	Pass		
			13	23.13	0.10	23.23	<=33.01	Pass		
	25		0	23.09	0.10	23.19	<=33.01	Pass		
	1907.5		1	0	24.67	0.10	24.77	<=33.01	Pass	
				13	24.84	0.10	24.94	<=33.01	Pass	
		24		24.75	0.10	24.85	<=33.01	Pass		
		12	0	23.76	0.10	23.86	<=33.01	Pass		
			6	23.81	0.10	23.91	<=33.01	Pass		
			13	23.76	0.10	23.86	<=33.01	Pass		
		25	0	23.76	0.10	23.86	<=33.01	Pass		
		16QAM	1852.5	1	0	22.74	0.10	22.84	<=33.01	Pass
					13	22.83	0.10	22.93	<=33.01	Pass
	24				22.73	0.10	22.83	<=33.01	Pass	
12	0			21.86	0.10	21.96	<=33.01	Pass		
	6			21.95	0.10	22.05	<=33.01	Pass		
	13			21.86	0.10	21.96	<=33.01	Pass		
25	0			21.89	0.10	21.99	<=33.01	Pass		
1880	1			0	23.34	0.10	23.44	<=33.01	Pass	
				13	23.39	0.10	23.49	<=33.01	Pass	
			24	23.26	0.10	23.36	<=33.01	Pass		
	12		0	22.04	0.10	22.14	<=33.01	Pass		
			6	22.13	0.10	22.23	<=33.01	Pass		
			13	22.07	0.10	22.17	<=33.01	Pass		
	25		0	22.04	0.10	22.14	<=33.01	Pass		
	1907.5		1	0	23.75	0.10	23.85	<=33.01	Pass	
				13	23.89	0.10	23.99	<=33.01	Pass	
24				23.80	0.10	23.90	<=33.01	Pass		
12			0	22.70	0.10	22.80	<=33.01	Pass		
			6	22.76	0.10	22.86	<=33.01	Pass		
			13	22.72	0.10	22.82	<=33.01	Pass		



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64QAM	1852.5	25	0	22.75	0.10	22.85	<=33.01	Pass	
			1	0	21.77	0.10	21.87	<=33.01	Pass
				13	21.89	0.10	21.99	<=33.01	Pass
				24	21.82	0.10	21.92	<=33.01	Pass
		12	0	20.84	0.10	20.94	<=33.01	Pass	
			6	20.94	0.10	21.04	<=33.01	Pass	
			13	20.90	0.10	21.00	<=33.01	Pass	
		25	0	20.94	0.10	21.04	<=33.01	Pass	
		1880	1	0	22.16	0.10	22.26	<=33.01	Pass
	13			22.22	0.10	22.32	<=33.01	Pass	
	24			22.13	0.10	22.23	<=33.01	Pass	
	12			0	21.07	0.10	21.17	<=33.01	Pass
			6	21.14	0.10	21.24	<=33.01	Pass	
			13	21.08	0.10	21.18	<=33.01	Pass	
	25		0	21.15	0.10	21.25	<=33.01	Pass	
	1907.5		1	0	22.75	0.10	22.85	<=33.01	Pass
				13	22.91	0.10	23.01	<=33.01	Pass
		24		22.83	0.10	22.93	<=33.01	Pass	
		12	0	21.85	0.10	21.95	<=33.01	Pass	
			6	21.92	0.10	22.02	<=33.01	Pass	
			13	21.88	0.10	21.98	<=33.01	Pass	
		25	0	21.75	0.10	21.85	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain



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## 1.4 B2\_10MHz\_EIRP

### 1.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTN									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1855	1	0	23.98	0.10	24.08	<=33.01	Pass	
			25	24.09	0.10	24.19	<=33.01	Pass	
			49	24.08	0.10	24.18	<=33.01	Pass	
		25	0	22.96	0.10	23.06	<=33.01	Pass	
			13	23.02	0.10	23.12	<=33.01	Pass	
			25	22.97	0.10	23.07	<=33.01	Pass	
		50	0	22.98	0.10	23.08	<=33.01	Pass	
			1	0	24.17	0.10	24.27	<=33.01	Pass
				25	24.24	0.10	24.34	<=33.01	Pass
	49	24.06		0.10	24.16	<=33.01	Pass		
	1880	25	0	23.12	0.10	23.22	<=33.01	Pass	
			13	23.14	0.10	23.24	<=33.01	Pass	
			25	23.15	0.10	23.25	<=33.01	Pass	
		50	0	23.14	0.10	23.24	<=33.01	Pass	
			1	0	24.55	0.10	24.65	<=33.01	Pass
				25	24.91	0.10	25.01	<=33.01	Pass
	49	24.84		0.10	24.94	<=33.01	Pass		
	1905	25	0	23.63	0.10	23.73	<=33.01	Pass	
			13	23.73	0.10	23.83	<=33.01	Pass	
			25	23.77	0.10	23.87	<=33.01	Pass	
		50	0	23.67	0.10	23.77	<=33.01	Pass	
			1	0	23.43	0.10	23.53	<=33.01	Pass
				25	23.64	0.10	23.74	<=33.01	Pass
	1855	49		23.59	0.10	23.69	<=33.01	Pass	
25		0	21.98	0.10	22.08	<=33.01	Pass		
		13	22.02	0.10	22.12	<=33.01	Pass		
	50	25	22.00	0.10	22.10	<=33.01	Pass		
1		0	21.94	0.10	22.04	<=33.01	Pass		
		1880	0	23.28	0.10	23.38	<=33.01	Pass	
	25		23.30	0.10	23.40	<=33.01	Pass		
49	23.20		0.10	23.30	<=33.01	Pass			
16QAM	1905	25	0	22.10	0.10	22.20	<=33.01	Pass	
			13	22.11	0.10	22.21	<=33.01	Pass	
			25	22.13	0.10	22.23	<=33.01	Pass	
	50	0	22.11	0.10	22.21	<=33.01	Pass		
		1	0	23.51	0.10	23.61	<=33.01	Pass	
			25	23.87	0.10	23.97	<=33.01	Pass	
	49		23.81	0.10	23.91	<=33.01	Pass		
	25	0	22.69	0.10	22.79	<=33.01	Pass		
		13	22.77	0.10	22.87	<=33.01	Pass		
25		22.80	0.10	22.90	<=33.01	Pass			



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64QAM	1855	50	0	22.70	0.10	22.80	<=33.01	Pass	
			1	0	22.12	0.10	22.22	<=33.01	Pass
				25	22.26	0.10	22.36	<=33.01	Pass
		25	49	22.23	0.10	22.33	<=33.01	Pass	
			0	0	21.07	0.10	21.17	<=33.01	Pass
				13	21.13	0.10	21.23	<=33.01	Pass
		50	25	21.07	0.10	21.17	<=33.01	Pass	
			0	0	21.05	0.10	21.15	<=33.01	Pass
				0	22.18	0.10	22.28	<=33.01	Pass
	1880	1	25	22.23	0.10	22.33	<=33.01	Pass	
			49	22.06	0.10	22.16	<=33.01	Pass	
			0	21.24	0.10	21.34	<=33.01	Pass	
		25	13	21.25	0.10	21.35	<=33.01	Pass	
			25	21.27	0.10	21.37	<=33.01	Pass	
			0	21.19	0.10	21.29	<=33.01	Pass	
		1905	1	0	22.45	0.10	22.55	<=33.01	Pass
				25	22.81	0.10	22.91	<=33.01	Pass
				49	22.74	0.10	22.84	<=33.01	Pass
	25		0	21.74	0.10	21.84	<=33.01	Pass	
			13	21.78	0.10	21.88	<=33.01	Pass	
			25	21.85	0.10	21.95	<=33.01	Pass	
	50		0	21.73	0.10	21.83	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain



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## 1.5 B2\_15MHz\_EIRP

### 1.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1857.5	1	0	23.88	0.10	23.98	<=33.01	Pass		
			38	24.05	0.10	24.15	<=33.01	Pass		
			74	24.04	0.10	24.14	<=33.01	Pass		
		36	0	23.06	0.10	23.16	<=33.01	Pass		
			18	23.12	0.10	23.22	<=33.01	Pass		
			39	23.11	0.10	23.21	<=33.01	Pass		
		75	0	23.06	0.10	23.16	<=33.01	Pass		
		1880	1	0	24.12	0.10	24.22	<=33.01	Pass	
				38	24.11	0.10	24.21	<=33.01	Pass	
	74			23.97	0.10	24.07	<=33.01	Pass		
	36		0	23.17	0.10	23.27	<=33.01	Pass		
			18	23.20	0.10	23.30	<=33.01	Pass		
			39	23.18	0.10	23.28	<=33.01	Pass		
	75		0	23.19	0.10	23.29	<=33.01	Pass		
	1902.5		1	0	24.28	0.10	24.38	<=33.01	Pass	
				38	24.65	0.10	24.75	<=33.01	Pass	
		74		24.69	0.10	24.79	<=33.01	Pass		
		36	0	23.56	0.10	23.66	<=33.01	Pass		
			18	23.69	0.10	23.79	<=33.01	Pass		
			39	23.79	0.10	23.89	<=33.01	Pass		
		75	0	23.67	0.10	23.77	<=33.01	Pass		
		16QAM	1857.5	1	0	23.37	0.10	23.47	<=33.01	Pass
					38	23.57	0.10	23.67	<=33.01	Pass
	74				23.57	0.10	23.67	<=33.01	Pass	
36	0			22.02	0.10	22.12	<=33.01	Pass		
	18			22.09	0.10	22.19	<=33.01	Pass		
	39			22.12	0.10	22.22	<=33.01	Pass		
75	0			21.99	0.10	22.09	<=33.01	Pass		
1880	1			0	23.23	0.10	23.33	<=33.01	Pass	
				38	23.26	0.10	23.36	<=33.01	Pass	
			74	23.10	0.10	23.20	<=33.01	Pass		
	36		0	22.13	0.10	22.23	<=33.01	Pass		
			18	22.12	0.10	22.22	<=33.01	Pass		
			39	22.09	0.10	22.19	<=33.01	Pass		
	75		0	22.11	0.10	22.21	<=33.01	Pass		
	1902.5		1	0	23.63	0.10	23.73	<=33.01	Pass	
				38	23.98	0.10	24.08	<=33.01	Pass	
74				24.01	0.10	24.11	<=33.01	Pass		
36			0	22.47	0.10	22.57	<=33.01	Pass		
			18	22.60	0.10	22.70	<=33.01	Pass		
			39	22.69	0.10	22.79	<=33.01	Pass		



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64QAM	1857.5	75	0	22.60	0.10	22.70	<=33.01	Pass	
			1	0	22.05	0.10	22.15	<=33.01	Pass
				38	22.23	0.10	22.33	<=33.01	Pass
		36	74	22.25	0.10	22.35	<=33.01	Pass	
			0	21.04	0.10	21.14	<=33.01	Pass	
			18	21.07	0.10	21.17	<=33.01	Pass	
		75	39	21.13	0.10	21.23	<=33.01	Pass	
			0	21.06	0.10	21.16	<=33.01	Pass	
			1	0	22.12	0.10	22.22	<=33.01	Pass
	38	22.11		0.10	22.21	<=33.01	Pass		
	74	21.96		0.10	22.06	<=33.01	Pass		
	1880	36	0	21.19	0.10	21.29	<=33.01	Pass	
			18	21.21	0.10	21.31	<=33.01	Pass	
			39	21.18	0.10	21.28	<=33.01	Pass	
	75	0	21.15	0.10	21.25	<=33.01	Pass		
		1	0	22.51	0.10	22.61	<=33.01	Pass	
			38	22.90	0.10	23.00	<=33.01	Pass	
	74		22.90	0.10	23.00	<=33.01	Pass		
	1902.5	36	0	21.50	0.10	21.60	<=33.01	Pass	
			18	21.61	0.10	21.71	<=33.01	Pass	
			39	21.72	0.10	21.82	<=33.01	Pass	
	75	0	21.67	0.10	21.77	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain



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## 1.6 B2\_20MHz\_EIRP

### 1.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTNv										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1860	1	0	23.84	0.10	23.94	<=33.01	Pass		
			50	24.27	0.10	24.37	<=33.01	Pass		
			99	24.04	0.10	24.14	<=33.01	Pass		
		50	0	23.02	0.10	23.12	<=33.01	Pass		
			25	23.08	0.10	23.18	<=33.01	Pass		
			50	23.10	0.10	23.20	<=33.01	Pass		
		100	0	23.12	0.10	23.22	<=33.01	Pass		
		1880	1	0	24.10	0.10	24.20	<=33.01	Pass	
				50	24.24	0.10	24.34	<=33.01	Pass	
	99			24.00	0.10	24.10	<=33.01	Pass		
	50		0	23.05	0.10	23.15	<=33.01	Pass		
			25	23.10	0.10	23.20	<=33.01	Pass		
			50	23.07	0.10	23.17	<=33.01	Pass		
	100		0	23.08	0.10	23.18	<=33.01	Pass		
	1900		1	0	24.05	0.10	24.15	<=33.01	Pass	
				50	24.68	0.10	24.78	<=33.01	Pass	
		99		24.64	0.10	24.74	<=33.01	Pass		
		50	0	23.37	0.10	23.47	<=33.01	Pass		
			25	23.50	0.10	23.60	<=33.01	Pass		
			50	23.61	0.10	23.71	<=33.01	Pass		
		100	0	23.53	0.10	23.63	<=33.01	Pass		
		16QAM	1860	1	0	23.06	0.10	23.16	<=33.01	Pass
					50	23.45	0.10	23.55	<=33.01	Pass
	99				23.30	0.10	23.40	<=33.01	Pass	
50	0			22.00	0.10	22.10	<=33.01	Pass		
	25			22.07	0.10	22.17	<=33.01	Pass		
	50			22.05	0.10	22.15	<=33.01	Pass		
100	0			22.03	0.10	22.13	<=33.01	Pass		
1880	1			0	23.27	0.10	23.37	<=33.01	Pass	
				50	23.44	0.10	23.54	<=33.01	Pass	
			99	23.14	0.10	23.24	<=33.01	Pass		
	50		0	22.05	0.10	22.15	<=33.01	Pass		
			25	22.12	0.10	22.22	<=33.01	Pass		
			50	22.06	0.10	22.16	<=33.01	Pass		
	100		0	22.08	0.10	22.18	<=33.01	Pass		
	1900		1	0	23.54	0.10	23.64	<=33.01	Pass	
				50	24.14	0.10	24.24	<=33.01	Pass	
99				24.05	0.10	24.15	<=33.01	Pass		
50			0	22.36	0.10	22.46	<=33.01	Pass		
			25	22.47	0.10	22.57	<=33.01	Pass		
			50	22.57	0.10	22.67	<=33.01	Pass		



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64QAM	1860	100	0	22.50	0.10	22.60	<=33.01	Pass	
			1	0	21.88	0.10	21.98	<=33.01	Pass
				50	22.32	0.10	22.42	<=33.01	Pass
		50	99	22.10	0.10	22.20	<=33.01	Pass	
			0	0	21.10	0.10	21.20	<=33.01	Pass
				25	21.15	0.10	21.25	<=33.01	Pass
		100	50	50	21.14	0.10	21.24	<=33.01	Pass
				0	21.12	0.10	21.22	<=33.01	Pass
			1	0	22.23	0.10	22.33	<=33.01	Pass
	50	22.42		0.10	22.52	<=33.01	Pass		
	99	22.14		0.10	22.24	<=33.01	Pass		
	1880	50	0	0	21.04	0.10	21.14	<=33.01	Pass
				25	21.17	0.10	21.27	<=33.01	Pass
			50	21.13	0.10	21.23	<=33.01	Pass	
		100	0	21.12	0.10	21.22	<=33.01	Pass	
			1	0	22.06	0.10	22.16	<=33.01	Pass
				50	22.69	0.10	22.79	<=33.01	Pass
	99	22.67		0.10	22.77	<=33.01	Pass		
	1900	50	0	0	21.44	0.10	21.54	<=33.01	Pass
				25	21.55	0.10	21.65	<=33.01	Pass
			50	21.64	0.10	21.74	<=33.01	Pass	
		100	0	21.55	0.10	21.65	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain



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## 2. Frequency Stability

### 2.1 B2\_1.4MHz

#### 2.1.1 Test Result

Band: 2 / 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	1850.7	6	0	20	3.6	-6.609	-0.0036	/	Pass	
					3.84	-22.588	-0.0122	/	Pass	
					4.3	-9.999	-0.0054	/	Pass	
				-30	3.84	-6.008	-0.0032	/	Pass	
					-20	3.84	-6.065	-0.0033	/	Pass
						-10	3.84	-5.221	-0.0028	/
				0	3.84	-14.992	-0.0081	/	Pass	
					10	3.84	-9.828	-0.0053	/	Pass
				30	3.84	-4.234	-0.0023	/	Pass	
	40	3.84	-6.967	-0.0038	/	Pass				
	50	3.84	-4.449	-0.0024	/	Pass				
	1880	6	0	20	3.6	-1.359	-0.0007	/	Pass	
					3.84	-5.894	-0.0031	/	Pass	
					4.3	-1.259	-0.0007	/	Pass	
				-30	3.84	-5.622	-0.0030	/	Pass	
					-20	3.84	2.360	0.0013	/	Pass
						-10	3.84	-11.172	-0.0059	/
				0	3.84	-8.798	-0.0047	/	Pass	
					10	3.84	-8.268	-0.0044	/	Pass
				30	3.84	-5.207	-0.0028	/	Pass	
	40	3.84	-4.206	-0.0022	/	Pass				
	50	3.84	-10.171	-0.0054	/	Pass				
	1909.3	6	0	20	3.6	-4.420	-0.0023	/	Pass	
					3.84	-22.202	-0.0116	/	Pass	
					4.3	-11.344	-0.0059	/	Pass	
				-30	3.84	-6.437	-0.0034	/	Pass	
					-20	3.84	-12.188	-0.0064	/	Pass
-10						3.84	-6.094	-0.0032	/	Pass
0				3.84	-10.185	-0.0053	/	Pass		
				10	3.84	-9.241	-0.0048	/	Pass	
30				3.84	-7.482	-0.0039	/	Pass		
40	3.84	-11.401	-0.0060	/	Pass					
50	3.84	-14.534	-0.0076	/	Pass					
16QAM	1850.7	6	0	20	3.6	-18.396	-0.0099	/	Pass	
					3.84	0.801	0.0004	/	Pass	
					4.3	-1.488	-0.0008	/	Pass	
				-30	3.84	-15.478	-0.0084	/	Pass	
					-20	3.84	-6.251	-0.0034	/	Pass
-10	3.84	-15.593	-0.0084	/	Pass					



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64QAM				0	3.84	-14.634	-0.0079	/	Pass
				10	3.84	-12.016	-0.0065	/	Pass
				30	3.84	-14.691	-0.0079	/	Pass
				40	3.84	0.186	0.0001	/	Pass
				50	3.84	-2.346	-0.0013	/	Pass
	1880	6	0	20	3.6	-10.114	-0.0054	/	Pass
					3.84	6.623	0.0035	/	Pass
					4.3	-7.281	-0.0039	/	Pass
				-30	3.84	-16.294	-0.0087	/	Pass
				-20	3.84	-12.574	-0.0067	/	Pass
				-10	3.84	-13.475	-0.0072	/	Pass
				0	3.84	-6.080	-0.0032	/	Pass
				10	3.84	-2.303	-0.0012	/	Pass
				30	3.84	3.633	0.0019	/	Pass
				40	3.84	-16.036	-0.0085	/	Pass
	50	3.84	-4.792	-0.0025	/	Pass			
	1909.3	6	0	20	3.6	-13.475	-0.0071	/	Pass
					3.84	2.289	0.0012	/	Pass
					4.3	1.488	0.0008	/	Pass
				-30	3.84	-1.802	-0.0009	/	Pass
				-20	3.84	-13.962	-0.0073	/	Pass
				-10	3.84	-13.118	-0.0069	/	Pass
				0	3.84	-7.167	-0.0038	/	Pass
				10	3.84	-1.917	-0.0010	/	Pass
				30	3.84	-4.678	-0.0025	/	Pass
				40	3.84	-10.743	-0.0056	/	Pass
	50	3.84	-13.475	-0.0071	/	Pass			
	1850.7	6	0	20	3.6	-1.302	-0.0007	/	Pass
					3.84	-2.775	-0.0015	/	Pass
					4.3	-19.112	-0.0103	/	Pass
-30				3.84	-16.952	-0.0092	/	Pass	
-20				3.84	-4.177	-0.0023	/	Pass	
-10				3.84	-4.606	-0.0025	/	Pass	
0				3.84	-2.103	-0.0011	/	Pass	
10				3.84	-10.872	-0.0059	/	Pass	
30				3.84	-12.345	-0.0067	/	Pass	
40				3.84	-2.818	-0.0015	/	Pass	
50	3.84	-2.503	-0.0014	/	Pass				
1880	6	0	20	3.6	4.892	0.0026	/	Pass	
				3.84	-0.372	-0.0002	/	Pass	
				4.3	-14.906	-0.0079	/	Pass	
			-30	3.84	-15.764	-0.0084	/	Pass	
			-20	3.84	-17.023	-0.0091	/	Pass	
			-10	3.84	3.963	0.0021	/	Pass	
			0	3.84	4.177	0.0022	/	Pass	
			10	3.84	-4.706	-0.0025	/	Pass	
			30	3.84	-0.486	-0.0003	/	Pass	
			40	3.84	-9.484	-0.0050	/	Pass	
50	3.84	-9.727	-0.0052	/	Pass				



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1909.3	6	0	20	3.6	-7.038	-0.0037	/	Pass
				3.84	-3.290	-0.0017	/	Pass
				4.3	10.729	0.0056	/	Pass
			-30	3.84	-13.018	-0.0068	/	Pass
			-20	3.84	10.214	0.0053	/	Pass
			-10	3.84	1.631	0.0009	/	Pass
			0	3.84	-13.332	-0.0070	/	Pass
			10	3.84	-4.034	-0.0021	/	Pass
			30	3.84	-17.180	-0.0090	/	Pass
			40	3.84	-10.242	-0.0054	/	Pass
			50	3.84	-5.364	-0.0028	/	Pass



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2.2 B2\_3MHz

2.2.1 Test Result

Band: 2 / Bandwidth: 3MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1851.5	15	0	20	3.6	-7.539	-0.0041	/	Pass	
					3.84	-9.971	-0.0054	/	Pass	
					4.3	-4.334	-0.0023	/	Pass	
				-30	3.84	-2.460	-0.0013	/	Pass	
					-20	3.84	-0.029	0.0000	/	Pass
					-10	3.84	1.159	0.0006	/	Pass
				0	0	3.84	-4.177	-0.0023	/	Pass
					10	3.84	-5.407	-0.0029	/	Pass
					30	3.84	-6.509	-0.0035	/	Pass
	50	40	3.84	-56.949	-0.0308	/	Pass			
		50	3.84	-26.221	-0.0142	/	Pass			
		20	3.6	1.116	0.0006	/	Pass			
	3.84		-15.235	-0.0081	/	Pass				
	4.3		-10.800	-0.0057	/	Pass				
	1880	15	0	-30	3.84	1.931	0.0010	/	Pass	
					-20	3.84	-7.024	-0.0037	/	Pass
					-10	3.84	-16.093	-0.0086	/	Pass
				0	0	3.84	-6.638	-0.0035	/	Pass
					10	3.84	-6.895	-0.0037	/	Pass
					30	3.84	0.873	0.0005	/	Pass
				40	3.84	-9.413	-0.0050	/	Pass	
					50	3.84	-13.103	-0.0070	/	Pass
					20	3.6	-1.988	-0.0010	/	Pass
	3.84	-15.378	-0.0081	/		Pass				
	4.3	-18.911	-0.0099	/		Pass				
	1908.5	15	0	-30	3.84	-24.261	-0.0127	/	Pass	
					-20	3.84	-18.168	-0.0095	/	Pass
-10					3.84	-12.445	-0.0065	/	Pass	
0				0	3.84	-12.288	-0.0064	/	Pass	
				10	3.84	0.658	0.0003	/	Pass	
				30	3.84	-7.911	-0.0041	/	Pass	
40				3.84	-7.439	-0.0039	/	Pass		
				50	3.84	-17.552	-0.0092	/	Pass	
				20	3.6	-19.684	-0.0106	/	Pass	
3.84	-13.318	-0.0072	/		Pass					
4.3	-12.031	-0.0065	/		Pass					
16QAM	1851.5	15	0	-30	3.84	-7.210	-0.0039	/	Pass	
					-20	3.84	-8.054	-0.0043	/	Pass
					-10	3.84	-2.332	-0.0013	/	Pass
				0	0	3.84	-5.994	-0.0032	/	Pass
					10	3.84	-5.407	-0.0029	/	Pass



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64QAM	1880	15	0	30	3.84	-7.911	-0.0043	/	Pass
				40	3.84	1.717	0.0009	/	Pass
				50	3.84	-8.054	-0.0043	/	Pass
				20	3.6	-3.819	-0.0020	/	Pass
					3.84	-5.522	-0.0029	/	Pass
					4.3	1.917	0.0010	/	Pass
				-30	3.84	3.204	0.0017	/	Pass
				-20	3.84	1.931	0.0010	/	Pass
				-10	3.84	-1.974	-0.0011	/	Pass
	0	3.84	-20.857	-0.0111	/	Pass			
	10	3.84	-6.981	-0.0037	/	Pass			
	30	3.84	-17.138	-0.0091	/	Pass			
	40	3.84	-6.080	-0.0032	/	Pass			
	50	3.84	-15.149	-0.0081	/	Pass			
	1908.5	15	0	20	3.6	-15.149	-0.0079	/	Pass
					3.84	-15.521	-0.0081	/	Pass
					4.3	-2.446	-0.0013	/	Pass
				-30	3.84	-3.133	-0.0016	/	Pass
-20				3.84	-9.127	-0.0048	/	Pass	
-10				3.84	4.048	0.0021	/	Pass	
0				3.84	2.203	0.0012	/	Pass	
10				3.84	10.242	0.0054	/	Pass	
30				3.84	-0.057	0.0000	/	Pass	
40	3.84	-5.994	-0.0031	/	Pass				
50	3.84	1.130	0.0006	/	Pass				
1851.5	15	0	20	3.6	-0.558	-0.0003	/	Pass	
				3.84	-5.436	-0.0029	/	Pass	
				4.3	-15.764	-0.0085	/	Pass	
			-30	3.84	-0.143	-0.0001	/	Pass	
			-20	3.84	-21.100	-0.0114	/	Pass	
			-10	3.84	-15.850	-0.0086	/	Pass	
			0	3.84	-1.931	-0.0010	/	Pass	
			10	3.84	-14.362	-0.0078	/	Pass	
			30	3.84	1.745	0.0009	/	Pass	
	40	3.84	2.103	0.0011	/	Pass			
	50	3.84	0.958	0.0005	/	Pass			
	1880	15	0	20	3.6	6.366	0.0034	/	Pass
					3.84	-4.263	-0.0023	/	Pass
					4.3	-10.357	-0.0055	/	Pass
				-30	3.84	-4.592	-0.0024	/	Pass
				-20	3.84	-7.939	-0.0042	/	Pass
				-10	3.84	-9.613	-0.0051	/	Pass
				0	3.84	-4.005	-0.0021	/	Pass
10				3.84	-12.002	-0.0064	/	Pass	
30				3.84	-6.738	-0.0036	/	Pass	
40	3.84	-5.822	-0.0031	/	Pass				
50	3.84	-2.460	-0.0013	/	Pass				
1908.5	15	0	20	3.6	17.495	0.0092	/	Pass	
				3.84	-1.459	-0.0008	/	Pass	



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				4.3	-1.259	-0.0007	/	Pass
				-30	3.84	13.146	0.0069	Pass
				-20	3.84	3.648	0.0019	Pass
				-10	3.84	5.965	0.0031	Pass
				0	3.84	-12.045	-0.0063	Pass
				10	3.84	-11.115	-0.0058	Pass
				30	3.84	-4.234	-0.0022	Pass
				40	3.84	-8.626	-0.0045	Pass
				50	3.84	4.921	0.0026	Pass



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2.3 B2\_5MHz

2.3.1 Test Result

Band: 2 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.6	-6.065	-0.0033	/	Pass
					3.84	-19.698	-0.0106	/	Pass
					4.3	-11.644	-0.0063	/	Pass
				-30	3.84	-5.722	-0.0031	/	Pass
				-20	3.84	-1.502	-0.0008	/	Pass
				-10	3.84	-25.678	-0.0139	/	Pass
				0	3.84	-10.042	-0.0054	/	Pass
				10	3.84	-1.760	-0.0010	/	Pass
				30	3.84	-12.817	-0.0069	/	Pass
				40	3.84	-1.359	-0.0007	/	Pass
				50	3.84	-4.263	-0.0023	/	Pass
				1880	25	0	20	3.6	0.200
	3.84	-5.279	-0.0028					/	Pass
	4.3	-2.818	-0.0015					/	Pass
	-30	3.84	-5.522				-0.0029	/	Pass
	-20	3.84	-6.952				-0.0037	/	Pass
	-10	3.84	-5.493				-0.0029	/	Pass
	0	3.84	-9.599				-0.0051	/	Pass
	10	3.84	-10.986				-0.0058	/	Pass
	30	3.84	-4.292				-0.0023	/	Pass
	40	3.84	2.561				0.0014	/	Pass
	50	3.84	-9.270				-0.0049	/	Pass
	1907.5	25	0				20	3.6	-8.354
				3.84	-19.913	-0.0104		/	Pass
				4.3	-13.719	-0.0072		/	Pass
				-30	3.84	-2.131	-0.0011	/	Pass
				-20	3.84	-2.017	-0.0011	/	Pass
				-10	3.84	-8.254	-0.0043	/	Pass
				0	3.84	-8.340	-0.0044	/	Pass
				10	3.84	-12.503	-0.0066	/	Pass
30				3.84	-11.129	-0.0058	/	Pass	
40				3.84	-11.845	-0.0062	/	Pass	
50				3.84	-12.016	-0.0063	/	Pass	
16QAM				1852.5	25	0	20	3.6	-6.294
	3.84	-1.245	-0.0007					/	Pass
	4.3	-12.760	-0.0069					/	Pass
	-30	3.84	-6.208				-0.0034	/	Pass
	-20	3.84	-4.878				-0.0026	/	Pass
	-10	3.84	-3.490				-0.0019	/	Pass
	0	3.84	-8.626				-0.0047	/	Pass
	10	3.84	-4.349				-0.0023	/	Pass



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64QAM	1880	25	0	30	3.84	-1.860	-0.0010	/	Pass		
				40	3.84	-4.492	-0.0024	/	Pass		
				50	3.84	-5.193	-0.0028	/	Pass		
				20	3.6	-8.197	-0.0044	/	Pass		
					3.84	-9.155	-0.0049	/	Pass		
					4.3	-13.089	-0.0070	/	Pass		
				-30	3.84	-3.133	-0.0017	/	Pass		
				-20	3.84	-10.757	-0.0057	/	Pass		
				-10	3.84	1.173	0.0006	/	Pass		
				0	3.84	-10.343	-0.0055	/	Pass		
	10	3.84	3.734	0.0020	/	Pass					
	30	3.84	-14.749	-0.0078	/	Pass					
	40	3.84	-9.041	-0.0048	/	Pass					
	50	3.84	-12.488	-0.0066	/	Pass					
	1907.5	25	0	20	3.6	-21.529	-0.0113	/	Pass		
					3.84	-4.148	-0.0022	/	Pass		
					4.3	8.297	0.0043	/	Pass		
				-30	3.84	-4.950	-0.0026	/	Pass		
				-20	3.84	-8.268	-0.0043	/	Pass		
				-10	3.84	-16.093	-0.0084	/	Pass		
0				3.84	-9.584	-0.0050	/	Pass			
10				3.84	-8.726	-0.0046	/	Pass			
30				3.84	1.187	0.0006	/	Pass			
40				3.84	-10.371	-0.0054	/	Pass			
50	3.84	11.973	0.0063	/	Pass						
1852.5	25	0	20	3.6	-10.901	-0.0059	/	Pass			
				3.84	-2.174	-0.0012	/	Pass			
				4.3	-1.659	-0.0009	/	Pass			
			-30	3.84	-2.518	-0.0014	/	Pass			
			-20	3.84	-6.495	-0.0035	/	Pass			
			-10	3.84	-1.974	-0.0011	/	Pass			
			0	3.84	0.200	0.0001	/	Pass			
			10	3.84	-7.095	-0.0038	/	Pass			
			30	3.84	-8.955	-0.0048	/	Pass			
			40	3.84	-10.085	-0.0054	/	Pass			
			50	3.84	-5.207	-0.0028	/	Pass			
			1880	25	0	20	3.6	-10.171	-0.0054	/	Pass
							3.84	-11.101	-0.0059	/	Pass
							4.3	5.107	0.0027	/	Pass
						-30	3.84	-5.593	-0.0030	/	Pass
						-20	3.84	-5.450	-0.0029	/	Pass
						-10	3.84	-7.839	-0.0042	/	Pass
						0	3.84	-3.133	-0.0017	/	Pass
10	3.84	-4.478				-0.0024	/	Pass			
30	3.84	-7.367				-0.0039	/	Pass			
40	3.84	-2.575	-0.0014	/	Pass						
50	3.84	-11.802	-0.0063	/	Pass						
1907.5	25	0	20	3.6	-12.860	-0.0067	/	Pass			
				3.84	-2.275	-0.0012	/	Pass			



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				4.3	-1.402	-0.0007	/	Pass
				-30	3.84	-12.789	-0.0067	Pass
				-20	3.84	-7.968	-0.0042	Pass
				-10	3.84	-0.815	-0.0004	Pass
				0	3.84	-8.483	-0.0044	Pass
				10	3.84	-15.464	-0.0081	Pass
				30	3.84	-4.463	-0.0023	Pass
				40	3.84	-13.447	-0.0070	Pass
				50	3.84	-0.315	-0.0002	Pass



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2.4 B2\_10MHz

2.4.1 Test Result

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.6	-9.341	-0.0050	/	Pass
					3.84	-2.546	-0.0014	/	Pass
					4.3	1.016	0.0005	/	Pass
				-30	3.84	-9.956	-0.0054	/	Pass
				-20	3.84	-9.871	-0.0053	/	Pass
				-10	3.84	-7.553	-0.0041	/	Pass
				0	3.84	0.286	0.0002	/	Pass
				10	3.84	-8.812	-0.0048	/	Pass
				30	3.84	-10.557	-0.0057	/	Pass
				40	3.84	1.287	0.0007	/	Pass
	50	3.84	-1.087	-0.0006	/	Pass			
	1880	50	0	20	3.6	-2.575	-0.0014	/	Pass
					3.84	-11.215	-0.0060	/	Pass
					4.3	-2.575	-0.0014	/	Pass
				-30	3.84	-10.743	-0.0057	/	Pass
				-20	3.84	-7.524	-0.0040	/	Pass
				-10	3.84	-6.495	-0.0035	/	Pass
				0	3.84	-2.089	-0.0011	/	Pass
				10	3.84	-1.459	-0.0008	/	Pass
				30	3.84	-9.899	-0.0053	/	Pass
				40	3.84	-7.539	-0.0040	/	Pass
	50	3.84	-7.625	-0.0041	/	Pass			
	1905	50	0	20	3.6	-3.619	-0.0019	/	Pass
					3.84	-12.088	-0.0063	/	Pass
					4.3	-6.738	-0.0035	/	Pass
				-30	3.84	-8.640	-0.0045	/	Pass
				-20	3.84	-12.832	-0.0067	/	Pass
				-10	3.84	-14.048	-0.0074	/	Pass
				0	3.84	-4.663	-0.0024	/	Pass
				10	3.84	-11.058	-0.0058	/	Pass
30				3.84	-7.653	-0.0040	/	Pass	
40				3.84	-8.097	-0.0043	/	Pass	
50	3.84	-1.016	-0.0005	/	Pass				
16QAM	1855	50	0	20	3.6	-11.745	-0.0063	/	Pass
					3.84	5.465	0.0029	/	Pass
					4.3	-1.059	-0.0006	/	Pass
				-30	3.84	-12.259	-0.0066	/	Pass
				-20	3.84	1.588	0.0009	/	Pass
				-10	3.84	-7.496	-0.0040	/	Pass
				0	3.84	-3.891	-0.0021	/	Pass
10	3.84	-4.992	-0.0027	/	Pass				



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64QAM	1880	50	0	30	3.84	1.130	0.0006	/	Pass
				40	3.84	-4.692	-0.0025	/	Pass
				50	3.84	-0.443	-0.0002	/	Pass
				20	3.6	-1.631	-0.0009	/	Pass
					3.84	-3.963	-0.0021	/	Pass
					4.3	-5.093	-0.0027	/	Pass
				-30	3.84	-5.522	-0.0029	/	Pass
				-20	3.84	-9.313	-0.0050	/	Pass
				-10	3.84	-2.217	-0.0012	/	Pass
				0	3.84	-1.588	-0.0008	/	Pass
	10	3.84	-3.290	-0.0018	/	Pass			
	30	3.84	-13.189	-0.0070	/	Pass			
	40	3.84	-3.948	-0.0021	/	Pass			
	50	3.84	0.672	0.0004	/	Pass			
	1905	50	0	20	3.6	-5.050	-0.0027	/	Pass
					3.84	-3.233	-0.0017	/	Pass
					4.3	-4.292	-0.0023	/	Pass
				-30	3.84	-6.366	-0.0033	/	Pass
				-20	3.84	-10.800	-0.0057	/	Pass
				-10	3.84	-2.403	-0.0013	/	Pass
0				3.84	-5.207	-0.0027	/	Pass	
10				3.84	-3.676	-0.0019	/	Pass	
30				3.84	-7.124	-0.0037	/	Pass	
40				3.84	-2.704	-0.0014	/	Pass	
50	3.84	-9.956	-0.0052	/	Pass				
1855	50	0	20	3.6	-3.347	-0.0018	/	Pass	
				3.84	-3.920	-0.0021	/	Pass	
				4.3	-0.257	-0.0001	/	Pass	
			-30	3.84	-5.093	-0.0027	/	Pass	
			-20	3.84	1.574	0.0008	/	Pass	
			-10	3.84	1.588	0.0009	/	Pass	
			0	3.84	-5.965	-0.0032	/	Pass	
			10	3.84	-2.432	-0.0013	/	Pass	
			30	3.84	-3.061	-0.0017	/	Pass	
	40	3.84	-6.094	-0.0033	/	Pass			
	50	3.84	-11.158	-0.0060	/	Pass			
	1880	50	0	20	3.6	-6.008	-0.0032	/	Pass
					3.84	-5.965	-0.0032	/	Pass
					4.3	-5.522	-0.0029	/	Pass
				-30	3.84	-4.606	-0.0025	/	Pass
				-20	3.84	-8.268	-0.0044	/	Pass
				-10	3.84	-3.304	-0.0018	/	Pass
				0	3.84	-3.262	-0.0017	/	Pass
10				3.84	-12.145	-0.0065	/	Pass	
30				3.84	-6.680	-0.0036	/	Pass	
40	3.84	-7.238	-0.0039	/	Pass				
50	3.84	-5.136	-0.0027	/	Pass				
1905	50	0	20	3.6	-6.495	-0.0034	/	Pass	
				3.84	-5.507	-0.0029	/	Pass	



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				4.3	-2.661	-0.0014	/	Pass
				-30	3.84	-7.324	-0.0038	Pass
				-20	3.84	-2.561	-0.0013	Pass
				-10	3.84	-1.316	-0.0007	Pass
				0	3.84	-4.220	-0.0022	Pass
				10	3.84	-2.260	-0.0012	Pass
				30	3.84	-6.866	-0.0036	Pass
				40	3.84	1.645	0.0009	Pass
				50	3.84	-7.997	-0.0042	Pass



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## 2.5 B2\_15MHz

## 2.5.1 Test Result

Band: 2 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.6	-0.186	-0.0001	/	Pass
					3.84	-11.745	-0.0063	/	Pass
					4.3	-6.423	-0.0035	/	Pass
				-30	3.84	-9.098	-0.0049	/	Pass
				-20	3.84	-11.001	-0.0059	/	Pass
				-10	3.84	-2.561	-0.0014	/	Pass
				0	3.84	-7.839	-0.0042	/	Pass
				10	3.84	-11.516	-0.0062	/	Pass
				30	3.84	-9.098	-0.0049	/	Pass
				40	3.84	-10.715	-0.0058	/	Pass
	50	3.84	-7.167	-0.0039	/	Pass			
	1880	75	0	20	3.6	-1.688	-0.0009	/	Pass
					3.84	-8.526	-0.0045	/	Pass
					4.3	-6.523	-0.0035	/	Pass
				-30	3.84	-8.826	-0.0047	/	Pass
				-20	3.84	-7.138	-0.0038	/	Pass
				-10	3.84	-1.745	-0.0009	/	Pass
				0	3.84	-3.805	-0.0020	/	Pass
				10	3.84	-10.042	-0.0053	/	Pass
				30	3.84	-12.660	-0.0067	/	Pass
				40	3.84	-9.241	-0.0049	/	Pass
	50	3.84	-11.587	-0.0062	/	Pass			
	1902.5	75	0	20	3.6	-11.902	-0.0063	/	Pass
					3.84	-6.952	-0.0037	/	Pass
					4.3	-3.090	-0.0016	/	Pass
				-30	3.84	-12.445	-0.0065	/	Pass
				-20	3.84	-12.846	-0.0068	/	Pass
				-10	3.84	-14.791	-0.0078	/	Pass
				0	3.84	-13.547	-0.0071	/	Pass
				10	3.84	-6.452	-0.0034	/	Pass
30				3.84	-7.811	-0.0041	/	Pass	
40				3.84	-6.895	-0.0036	/	Pass	
50	3.84	16.608	0.0087	/	Pass				
16QAM	1857.5	75	0	20	3.6	1.373	0.0007	/	Pass
					3.84	-6.680	-0.0036	/	Pass
					4.3	-1.173	-0.0006	/	Pass
				-30	3.84	-0.343	-0.0002	/	Pass
				-20	3.84	1.016	0.0005	/	Pass
				-10	3.84	5.064	0.0027	/	Pass
				0	3.84	-3.591	-0.0019	/	Pass
10	3.84	-0.787	-0.0004	/	Pass				



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64QAM	1880	75	0	30	3.84	-4.320	-0.0023	/	Pass		
				40	3.84	-1.230	-0.0007	/	Pass		
				50	3.84	-3.390	-0.0018	/	Pass		
				20	3.6	-8.755	-0.0047	/	Pass		
					3.84	-6.309	-0.0034	/	Pass		
					4.3	-16.494	-0.0088	/	Pass		
				-30	3.84	-14.105	-0.0075	/	Pass		
				-20	3.84	-3.977	-0.0021	/	Pass		
				-10	3.84	-2.575	-0.0014	/	Pass		
				0	3.84	-1.030	-0.0005	/	Pass		
	10	3.84	-4.807	-0.0026	/	Pass					
	30	3.84	-4.749	-0.0025	/	Pass					
	40	3.84	-4.034	-0.0021	/	Pass					
	50	3.84	-6.766	-0.0036	/	Pass					
	1902.5	75	0	20	3.6	-11.945	-0.0063	/	Pass		
					3.84	-8.755	-0.0046	/	Pass		
					4.3	-10.343	-0.0054	/	Pass		
				-30	3.84	-7.410	-0.0039	/	Pass		
				-20	3.84	-1.101	-0.0006	/	Pass		
				-10	3.84	-7.424	-0.0039	/	Pass		
0				3.84	-10.986	-0.0058	/	Pass			
10				3.84	-12.345	-0.0065	/	Pass			
30				3.84	-13.862	-0.0073	/	Pass			
40				3.84	-9.398	-0.0049	/	Pass			
50	3.84	-8.025	-0.0042	/	Pass						
1857.5	75	0	20	3.6	-4.177	-0.0022	/	Pass			
				3.84	-6.537	-0.0035	/	Pass			
				4.3	-2.832	-0.0015	/	Pass			
			-30	3.84	-7.553	-0.0041	/	Pass			
			-20	3.84	-3.819	-0.0021	/	Pass			
			-10	3.84	-10.300	-0.0055	/	Pass			
			0	3.84	1.087	0.0006	/	Pass			
			10	3.84	3.877	0.0021	/	Pass			
			30	3.84	-10.557	-0.0057	/	Pass			
			40	3.84	-9.069	-0.0049	/	Pass			
			50	3.84	2.275	0.0012	/	Pass			
			1880	75	0	20	3.6	-8.326	-0.0044	/	Pass
							3.84	-1.445	-0.0008	/	Pass
							4.3	-3.819	-0.0020	/	Pass
						-30	3.84	-4.377	-0.0023	/	Pass
						-20	3.84	-6.466	-0.0034	/	Pass
						-10	3.84	-4.249	-0.0023	/	Pass
						0	3.84	-8.869	-0.0047	/	Pass
10	3.84	-6.866				-0.0037	/	Pass			
30	3.84	-2.818				-0.0015	/	Pass			
40	3.84	-5.779	-0.0031	/	Pass						
50	3.84	-3.233	-0.0017	/	Pass						
1902.5	75	0	20	3.6	-14.777	-0.0078	/	Pass			
				3.84	-6.523	-0.0034	/	Pass			



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				4.3	-8.354	-0.0044	/	Pass
				-30	3.84	-3.576	-0.0019	Pass
				-20	3.84	-0.386	-0.0002	Pass
				-10	3.84	-4.663	-0.0025	Pass
				0	3.84	-1.774	-0.0009	Pass
				10	3.84	-5.836	-0.0031	Pass
				30	3.84	-1.588	-0.0008	Pass
				40	3.84	-8.597	-0.0045	Pass
				50	3.84	-7.939	-0.0042	Pass



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2.6 B2\_20MHz

2.6.1 Test Result

Band: 2 / Bandwidth: 20MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1860	100	0	20	3.6	-2.847	-0.0015	/	Pass	
					3.84	-2.332	-0.0013	/	Pass	
					4.3	-7.725	-0.0042	/	Pass	
				-30	3.84	-7.882	-0.0042	/	Pass	
					-20	3.84	-10.715	-0.0058	/	Pass
						3.84	-9.956	-0.0054	/	Pass
				-10	3.84	-9.956	-0.0054	/	Pass	
					0	3.84	-9.284	-0.0050	/	Pass
				10	3.84	-11.172	-0.0060	/	Pass	
	30	3.84	-9.470		-0.0051	/	Pass			
	1880	100	0	20	3.6	-4.120	-0.0022	/	Pass	
					3.84	-0.443	-0.0002	/	Pass	
					4.3	-12.746	-0.0068	/	Pass	
				-30	3.84	-9.942	-0.0053	/	Pass	
					-20	3.84	-1.760	-0.0009	/	Pass
						3.84	-5.879	-0.0031	/	Pass
				-10	3.84	-5.879	-0.0031	/	Pass	
					0	3.84	-7.710	-0.0041	/	Pass
				10	3.84	-4.835	-0.0026	/	Pass	
	30	3.84	-8.998		-0.0048	/	Pass			
	1900	100	0	20	3.6	-7.682	-0.0040	/	Pass	
					3.84	-9.971	-0.0052	/	Pass	
					4.3	-8.025	-0.0042	/	Pass	
				-30	3.84	-14.105	-0.0074	/	Pass	
					-20	3.84	-4.034	-0.0021	/	Pass
						3.84	-7.653	-0.0040	/	Pass
				-10	3.84	-7.653	-0.0040	/	Pass	
0					3.84	-10.085	-0.0053	/	Pass	
10				3.84	12.259	0.0065	/	Pass		
	30	3.84	4.320	0.0023	/	Pass				
16QAM	1860	100	0	20	3.6	-9.842	-0.0053	/	Pass	
					3.84	-1.845	-0.0010	/	Pass	
					4.3	-4.849	-0.0026	/	Pass	
				-30	3.84	-2.160	-0.0012	/	Pass	
					-20	3.84	-9.327	-0.0050	/	Pass
						3.84	-10.629	-0.0057	/	Pass
				-10	3.84	-10.629	-0.0057	/	Pass	
					0	3.84	-1.745	-0.0009	/	Pass
				10	3.84	-12.589	-0.0068	/	Pass	



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64QAM	1880	100	0	30	3.84	-6.623	-0.0036	/	Pass
				40	3.84	-16.508	-0.0089	/	Pass
				50	3.84	-7.753	-0.0042	/	Pass
				20	3.6	-8.569	-0.0046	/	Pass
					3.84	-4.492	-0.0024	/	Pass
					4.3	-6.294	-0.0033	/	Pass
				-30	3.84	-2.189	-0.0012	/	Pass
				-20	3.84	-6.967	-0.0037	/	Pass
				-10	3.84	-8.726	-0.0046	/	Pass
				0	3.84	-11.058	-0.0059	/	Pass
	10	3.84	-11.802	-0.0063	/	Pass			
	30	3.84	-9.384	-0.0050	/	Pass			
	40	3.84	-3.247	-0.0017	/	Pass			
	50	3.84	-4.263	-0.0023	/	Pass			
	1900	100	0	20	3.6	-5.236	-0.0028	/	Pass
					3.84	-2.761	-0.0015	/	Pass
					4.3	-4.764	-0.0025	/	Pass
				-30	3.84	6.294	0.0033	/	Pass
				-20	3.84	-4.191	-0.0022	/	Pass
				-10	3.84	-4.749	-0.0025	/	Pass
0				3.84	-9.227	-0.0049	/	Pass	
10				3.84	-6.809	-0.0036	/	Pass	
30				3.84	-6.337	-0.0033	/	Pass	
40				3.84	-5.593	-0.0029	/	Pass	
50	3.84	-1.173	-0.0006	/	Pass				
1860	100	0	20	3.6	-7.195	-0.0039	/	Pass	
				3.84	-8.569	-0.0046	/	Pass	
				4.3	-11.215	-0.0060	/	Pass	
			-30	3.84	-2.203	-0.0012	/	Pass	
			-20	3.84	-1.445	-0.0008	/	Pass	
			-10	3.84	-3.963	-0.0021	/	Pass	
			0	3.84	-3.748	-0.0020	/	Pass	
			10	3.84	-8.183	-0.0044	/	Pass	
			30	3.84	-6.495	-0.0035	/	Pass	
			40	3.84	0.415	0.0002	/	Pass	
50	3.84	-3.548	-0.0019	/	Pass				
1880	100	0	20	3.6	-2.317	-0.0012	/	Pass	
				3.84	-1.760	-0.0009	/	Pass	
				4.3	-3.862	-0.0021	/	Pass	
			-30	3.84	-2.933	-0.0016	/	Pass	
			-20	3.84	-6.552	-0.0035	/	Pass	
			-10	3.84	-8.326	-0.0044	/	Pass	
			0	3.84	-12.131	-0.0065	/	Pass	
			10	3.84	-6.809	-0.0036	/	Pass	
			30	3.84	-3.304	-0.0018	/	Pass	
			40	3.84	-11.988	-0.0064	/	Pass	
50	3.84	-13.347	-0.0071	/	Pass				
1900	100	0	20	3.6	-2.761	-0.0015	/	Pass	
				3.84	-1.388	-0.0007	/	Pass	



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				4.3	-4.206	-0.0022	/	Pass
				-30	3.84	-1.917	-0.0010	Pass
				-20	3.84	-5.164	-0.0027	Pass
				-10	3.84	-0.930	-0.0005	Pass
				0	3.84	-2.604	-0.0014	Pass
				10	3.84	-5.536	-0.0029	Pass
				30	3.84	-3.176	-0.0017	Pass
				40	3.84	-9.127	-0.0048	Pass
				50	3.84	-6.809	-0.0036	Pass



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## 3. Field Strength of Spurious Radiation

Test Band = Band 2 \_ 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
3702	33	6.46	36.11	-61.83	-47.14	-13	-34.14	Horizontal
5553	34.7	7.86	35.11	-65.19	-46.74	-13	-33.74	Horizontal
7404	35.82	9.42	35.99	-62.81	-43.44	-13	-30.44	Horizontal
Freq (MHz)	LISN_Factor (dB)	Cable_Loss (dB)	Preamp_Gain (dB)	Read_Level (dBm)	Level (dBm)	Limit_Line (dBm)	Over -13DBM	Polarity
3702	33	6.46	36.11	-60.35	-45.66	-13	-32.66	Vertical
5553	34.7	7.86	35.11	-64.36	-45.91	-13	-32.91	Vertical
7404	35.82	9.42	35.99	-63.64	-44.27	-13	-31.27	Vertical



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**Test Band = Band 2 \_ 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
3742	32.92	6.5	36.11	-60.13	-45.47	-13	-32.47	Horizontal
5613	34.62	7.9	35.08	-66.55	-48.3	-13	-35.3	Horizontal
7484	36.07	9.51	36.07	-62.52	-43.02	-13	-30.02	Horizontal
Freq (MHz)	LISN_Factor (dB)	Cable_Loss (dB)	Preamp_Gain (dB)	Read_Level (dBm)	Level (dBm)	Limit_Line (dBm)	Over -13DBM	Polarity
3742	32.92	6.5	36.11	-62.29	-47.63	-13	-34.63	Vertical
5613	34.62	7.9	35.08	-66.43	-48.18	-13	-35.18	Vertical
7484	36.07	9.51	36.07	-62.76	-43.26	-13	-30.26	Vertical



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**Test Band = Band 2 \_ 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
3782	32.58	6.55	36.11	-62.06	-47.68	-13	-34.68	Horizontal
5673	34.35	7.94	35.05	-64.47	-46.61	-13	-33.61	Horizontal
7564	36.13	9.6	36.14	-62.52	-42.89	-13	-29.89	Horizontal
Freq (MHz)	LISN_Factor (dB)	Cable_Loss (dB)	Preamp_Gain (dB)	Read_Level (dBm)	Level (dBm)	Limit_Line (dBm)	Over -13DBM	Polarity
3782	32.58	6.55	36.11	-60.44	-46.06	-13	-33.06	Vertical
5673	34.35	7.94	35.05	-65.42	-47.56	-13	-34.56	Vertical
7564	36.13	9.6	36.14	-62.21	-42.58	-13	-29.58	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 Band2\_OBW

#### 4.1.1 Test Result

Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.110	/	Pass
		1880	6	0	1.107	/	Pass
		1909.3	6	0	1.121	/	Pass
	16QAM	1850.7	6	0	1.113	/	Pass
		1880	6	0	1.107	/	Pass
		1909.3	6	0	1.108	/	Pass
	64QAM	1850.7	6	0	1.103	/	Pass
		1880	6	0	1.116	/	Pass
		1909.3	6	0	1.111	/	Pass
3	QPSK	1851.5	15	0	2.715	/	Pass
		1880	15	0	2.720	/	Pass
		1908.5	15	0	2.732	/	Pass
	16QAM	1851.5	15	0	2.713	/	Pass
		1880	15	0	2.726	/	Pass
		1908.5	15	0	2.718	/	Pass
	64QAM	1851.5	15	0	2.744	/	Pass
		1880	15	0	2.718	/	Pass
		1908.5	15	0	2.716	/	Pass
5	QPSK	1852.5	25	0	4.555	/	Pass
		1880	25	0	4.543	/	Pass
		1907.5	25	0	4.545	/	Pass
	16QAM	1852.5	25	0	4.529	/	Pass
		1880	25	0	4.547	/	Pass
		1907.5	25	0	4.551	/	Pass
	64QAM	1852.5	25	0	4.527	/	Pass
		1880	25	0	4.526	/	Pass
		1907.5	25	0	4.536	/	Pass
10	QPSK	1855	50	0	9.063	/	Pass
		1880	50	0	9.052	/	Pass
		1905	50	0	9.042	/	Pass
	16QAM	1855	50	0	9.077	/	Pass
		1880	50	0	9.051	/	Pass
		1905	50	0	9.056	/	Pass
	64QAM	1855	50	0	9.055	/	Pass
		1880	50	0	9.058	/	Pass
		1905	50	0	9.025	/	Pass
15	QPSK	1857.5	75	0	13.606	/	Pass
		1880	75	0	13.535	/	Pass
		1902.5	75	0	13.589	/	Pass



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	16QAM	1857.5	75	0	13.566	/	Pass
		1880	75	0	13.573	/	Pass
		1902.5	75	0	13.628	/	Pass
	64QAM	1857.5	75	0	13.569	/	Pass
		1880	75	0	13.523	/	Pass
		1902.5	75	0	13.604	/	Pass
20	QPSK	1860	100	0	18.083	/	Pass
		1880	100	0	18.104	/	Pass
		1900	100	0	18.113	/	Pass
	16QAM	1860	100	0	18.202	/	Pass
		1880	100	0	18.056	/	Pass
		1900	100	0	18.126	/	Pass
	64QAM	1860	100	0	18.080	/	Pass
		1880	100	0	18.016	/	Pass
		1900	100	0	18.131	/	Pass



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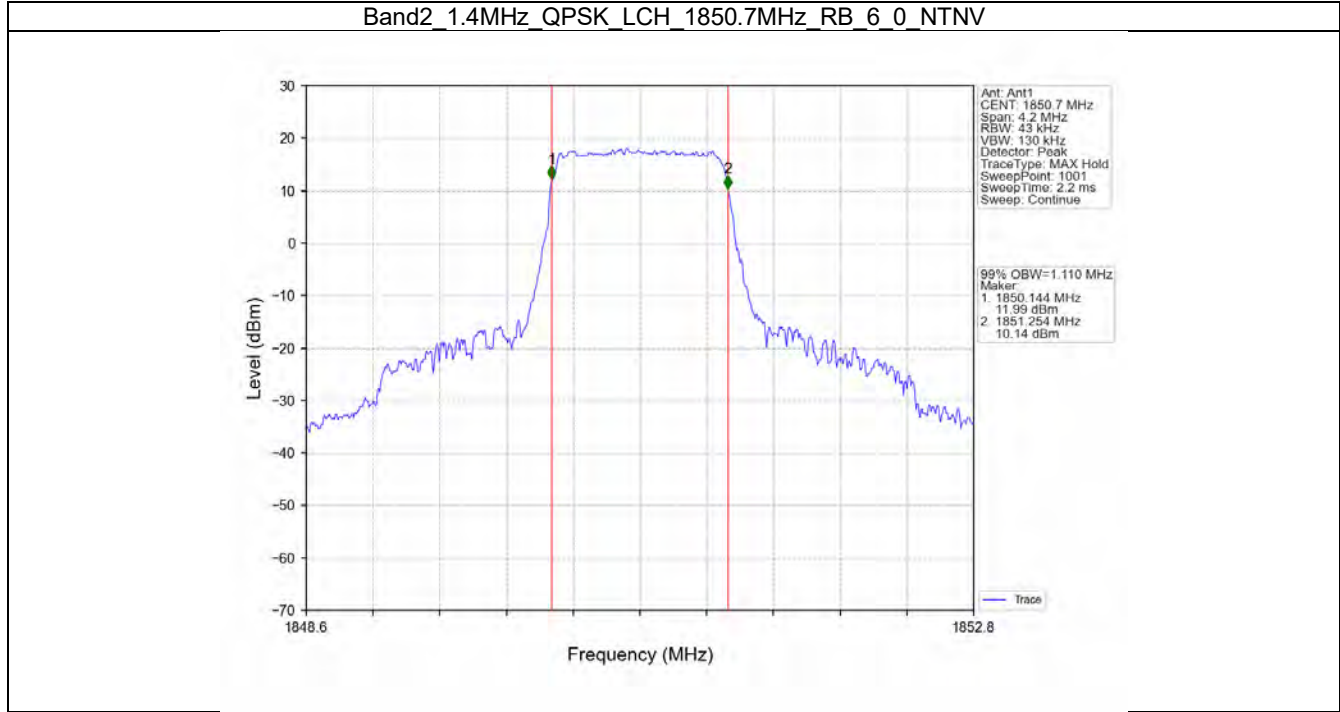
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4.1.2 Test Graph



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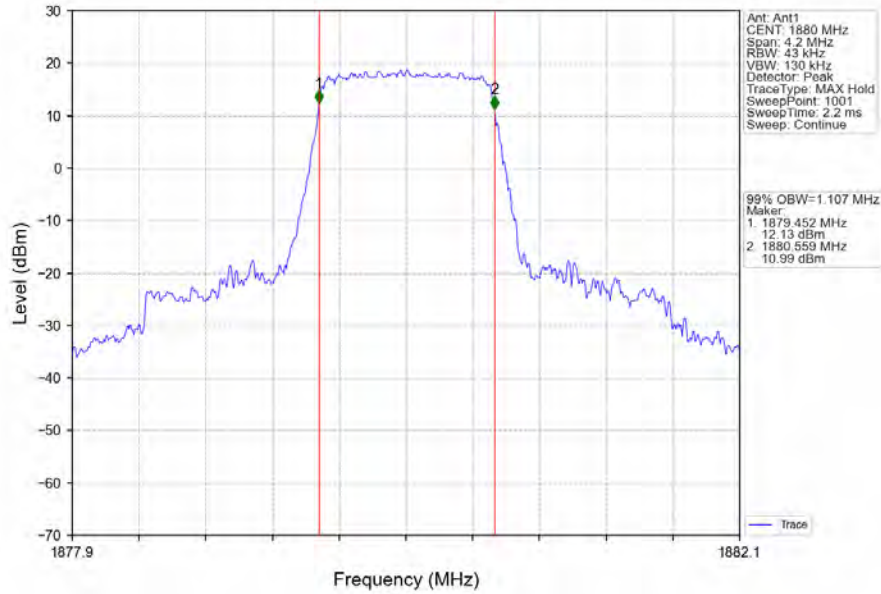
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Band2\_1.4MHz\_QPSK\_MCH\_1880MHz\_RB\_6\_0\_NTNV



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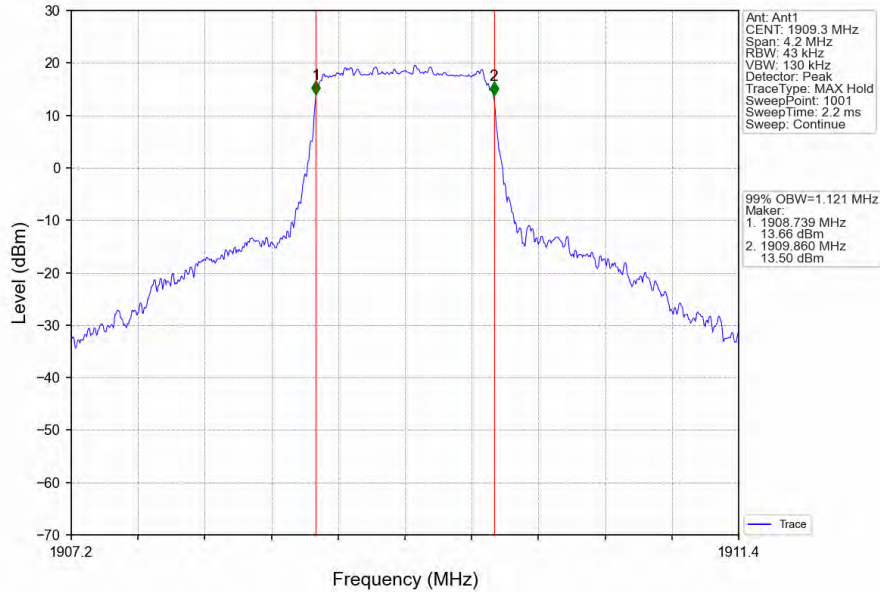
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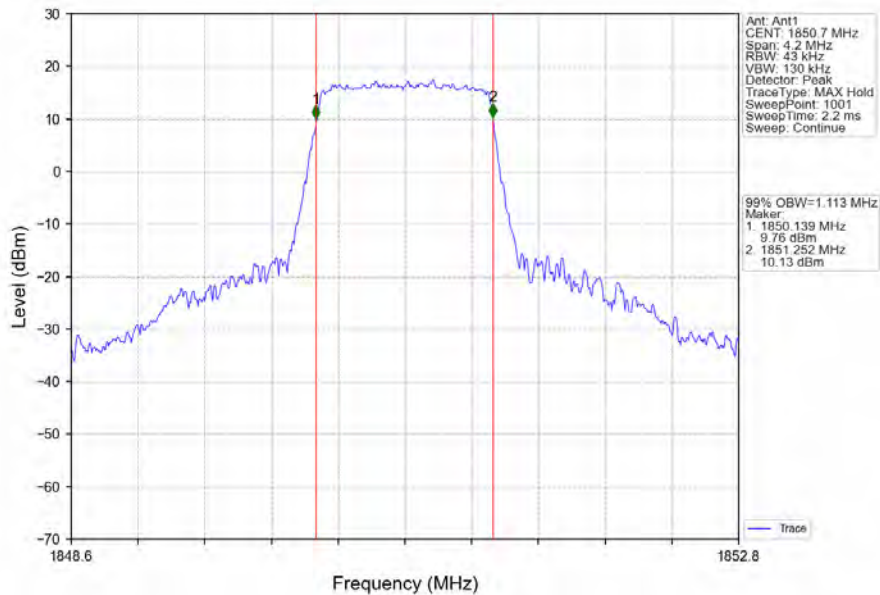
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Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



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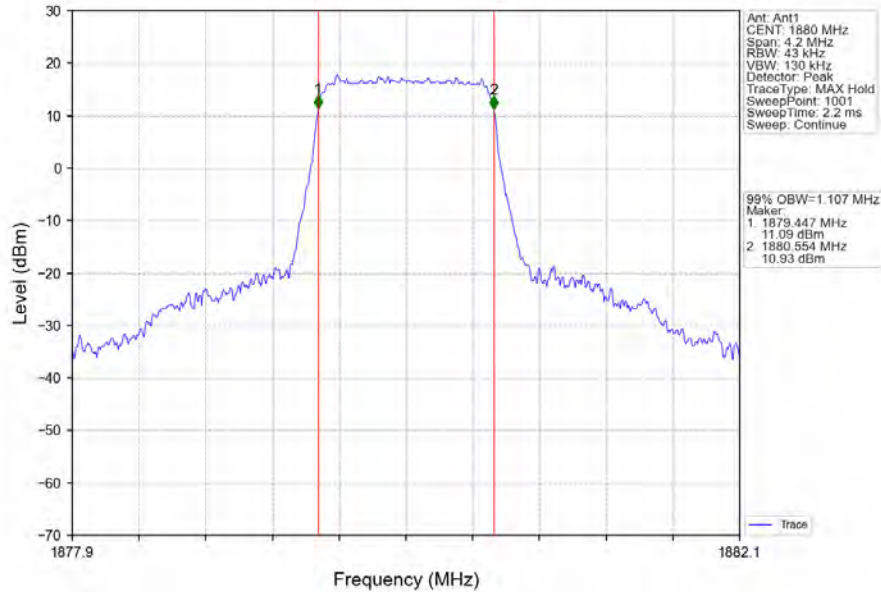
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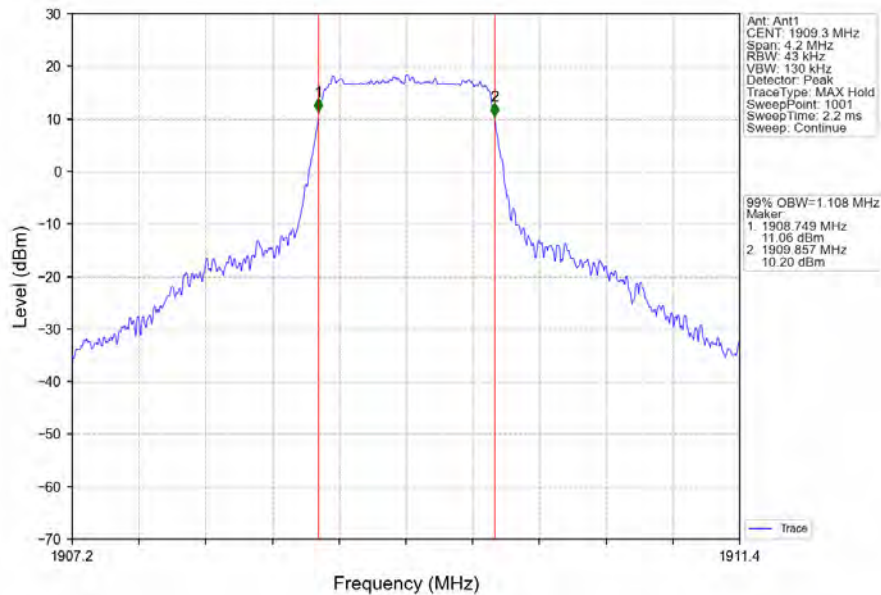
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Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



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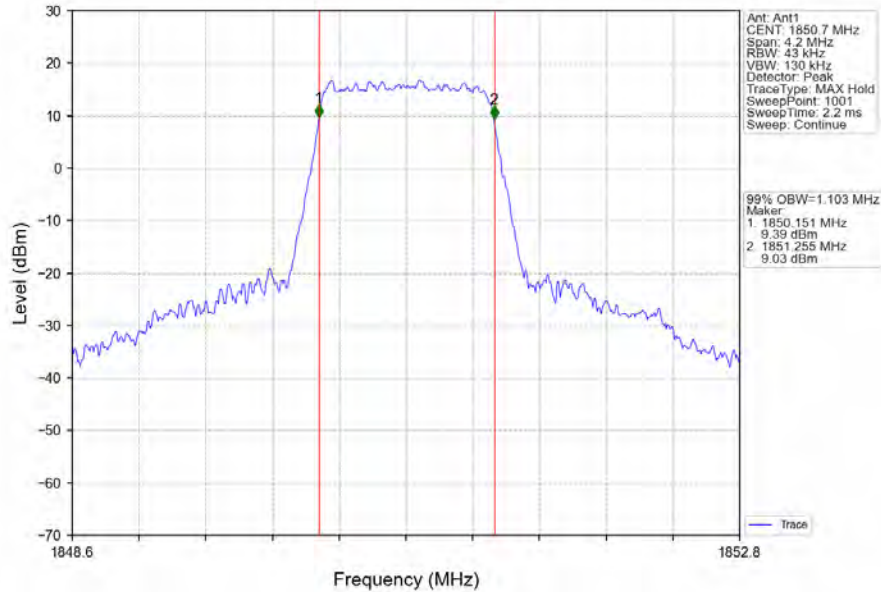




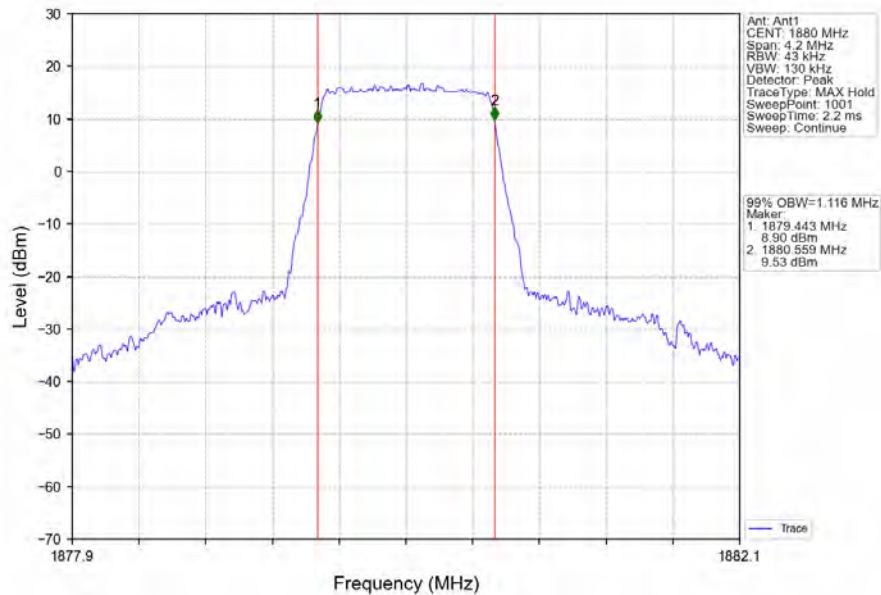
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Band2\_1.4MHz\_64QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



Band2\_1.4MHz\_64QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



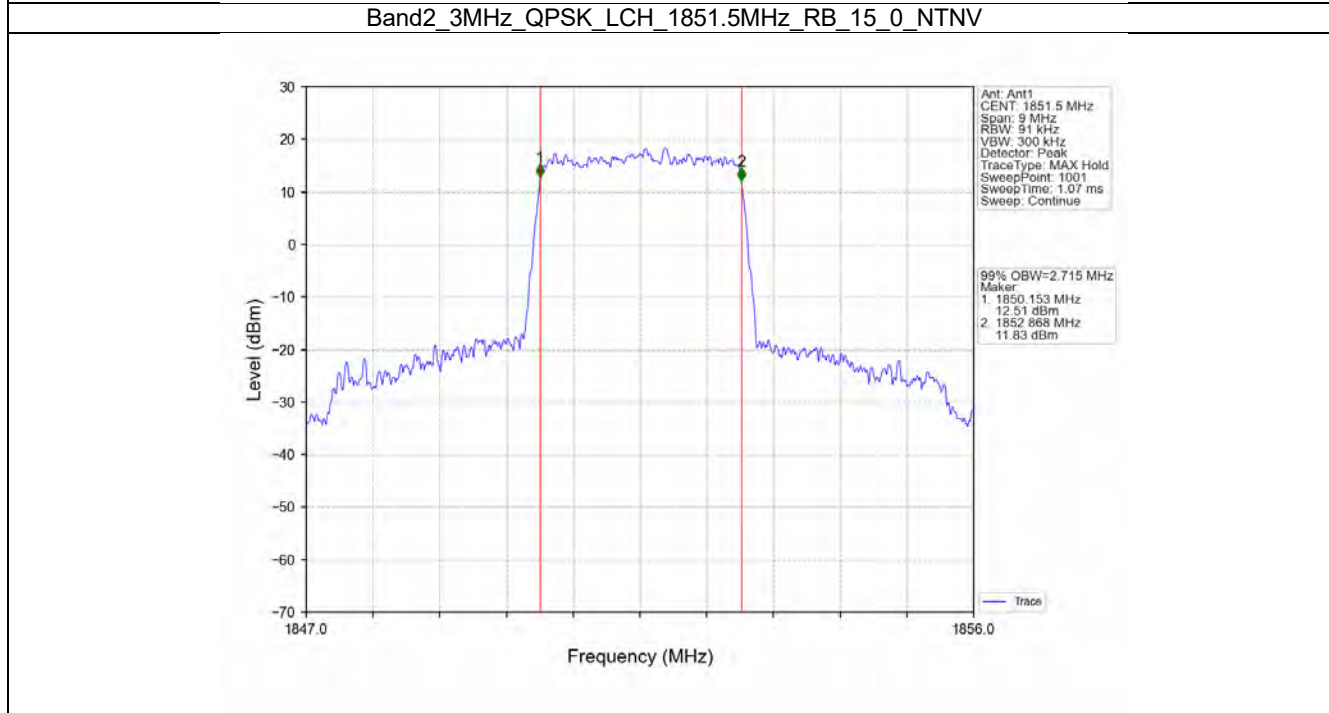
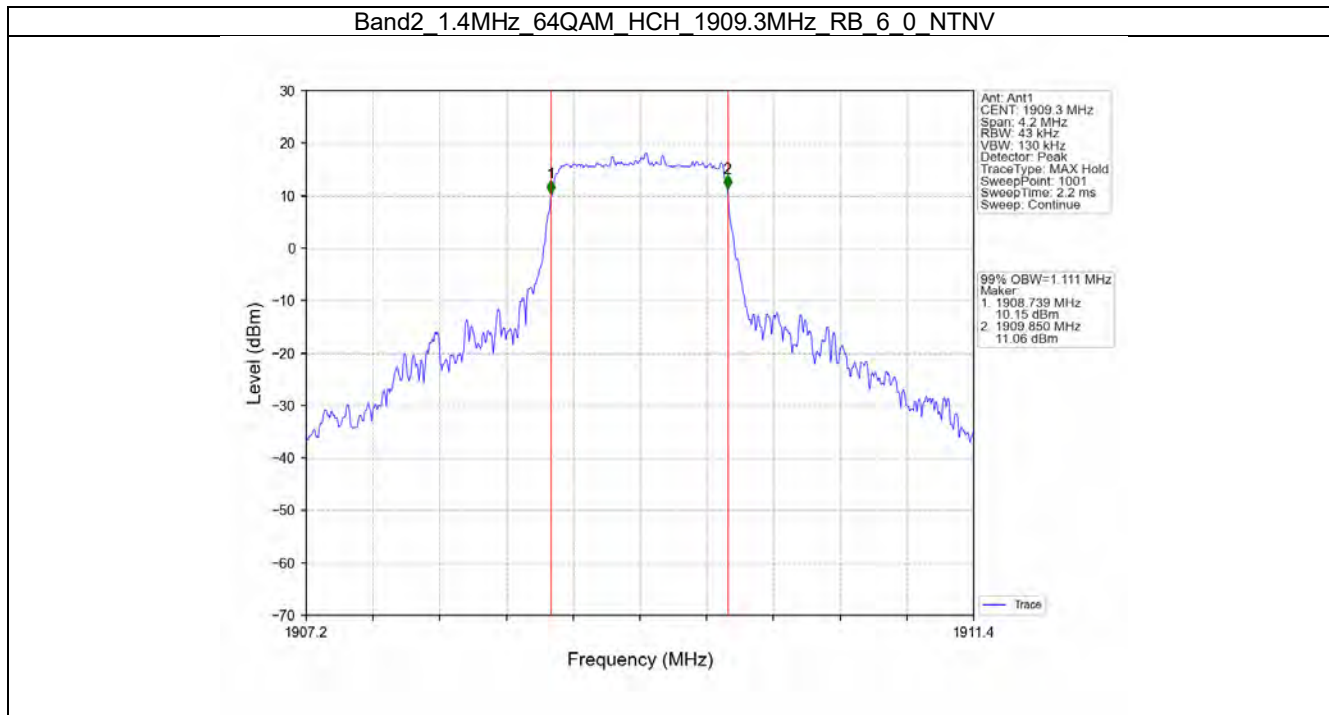
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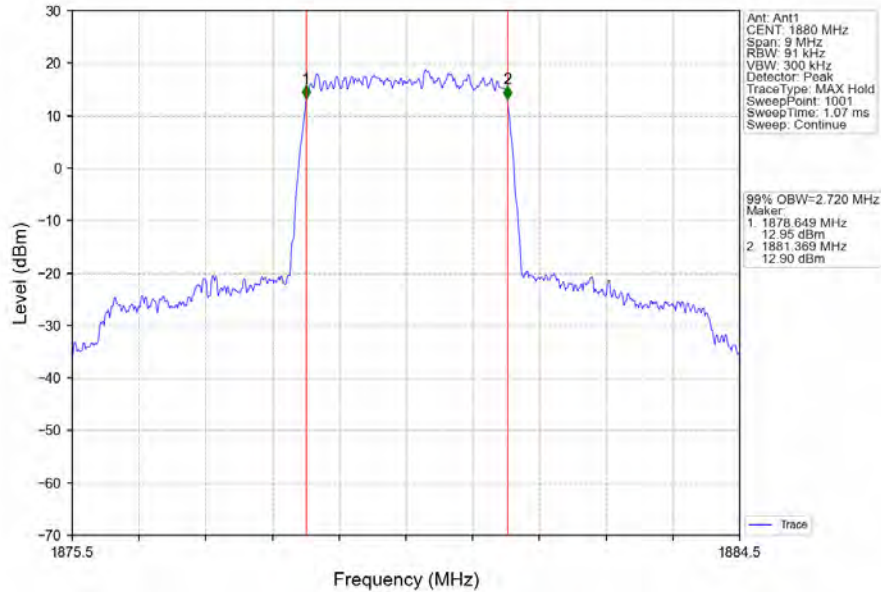
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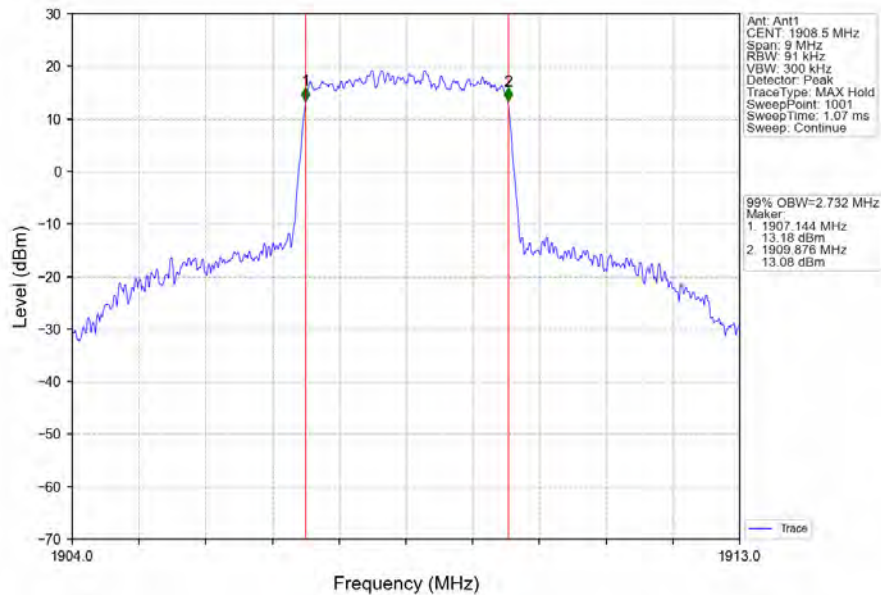
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Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



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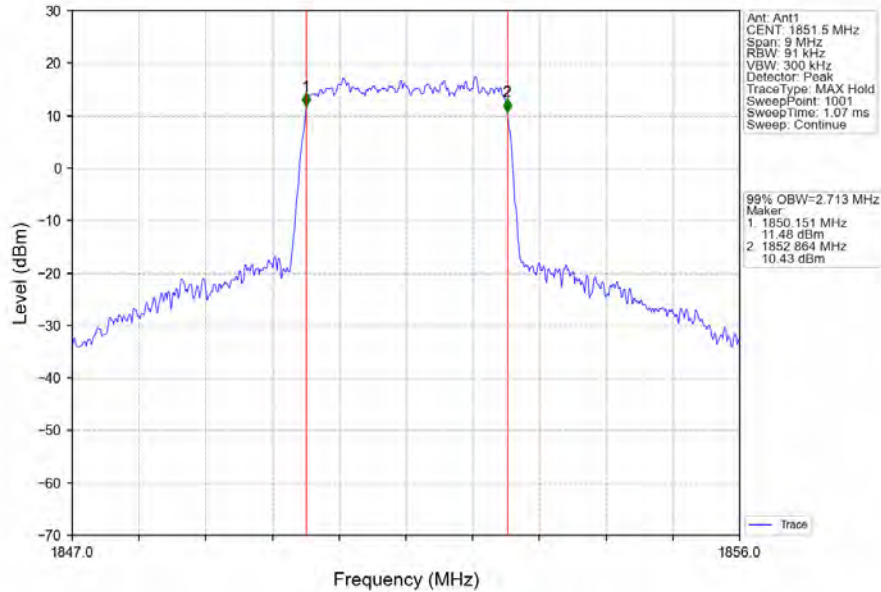
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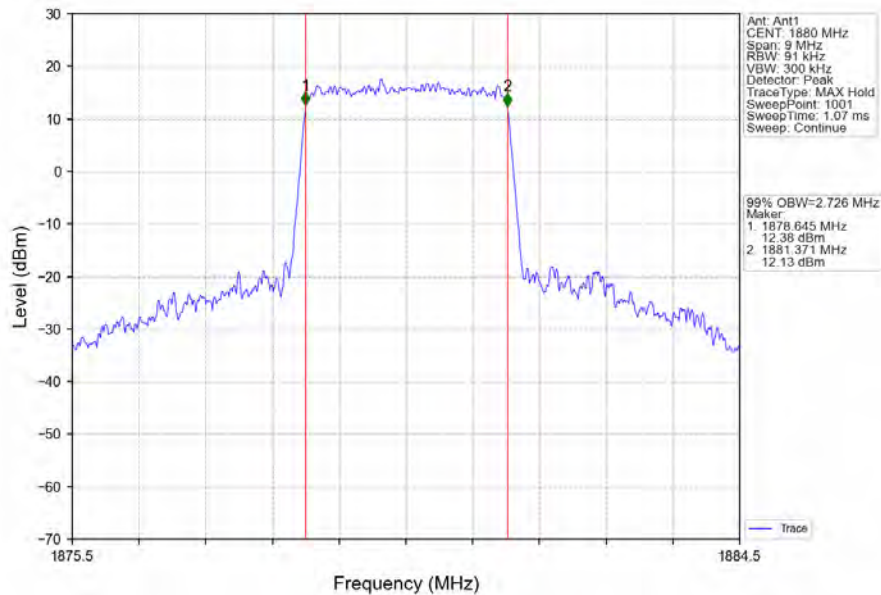
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Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



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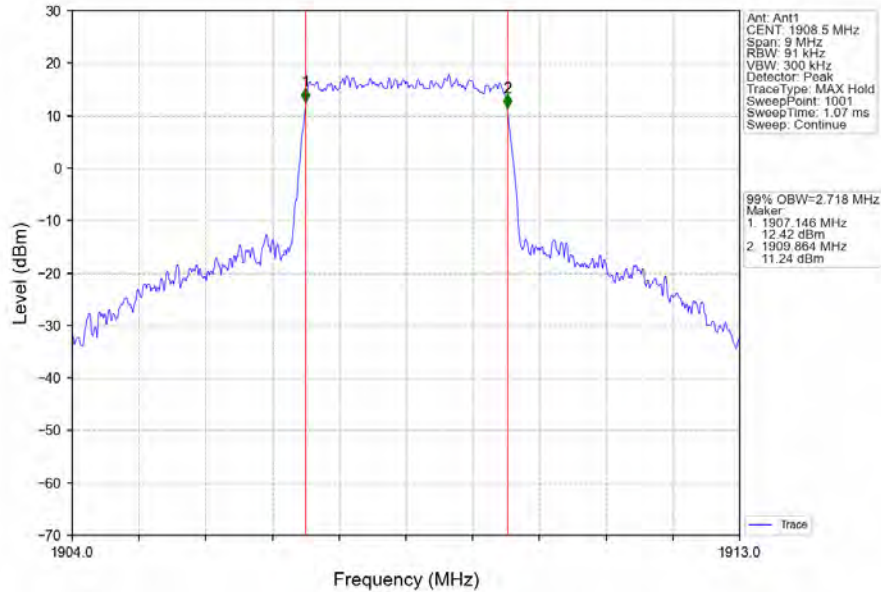
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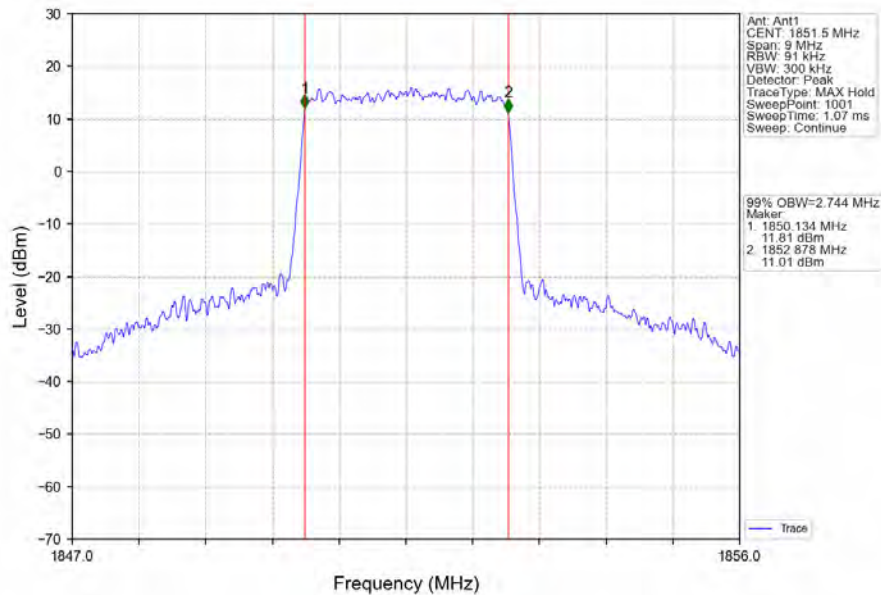
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Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_64QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



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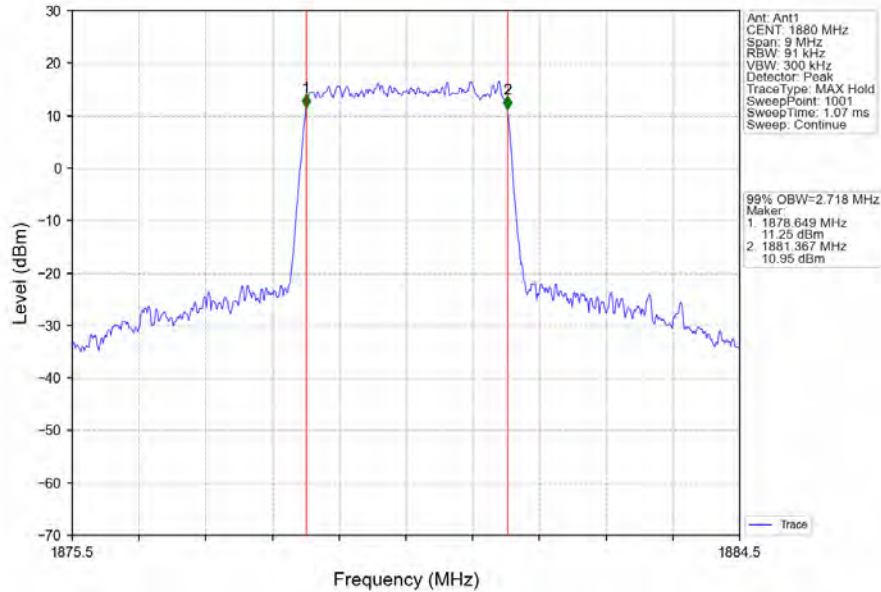
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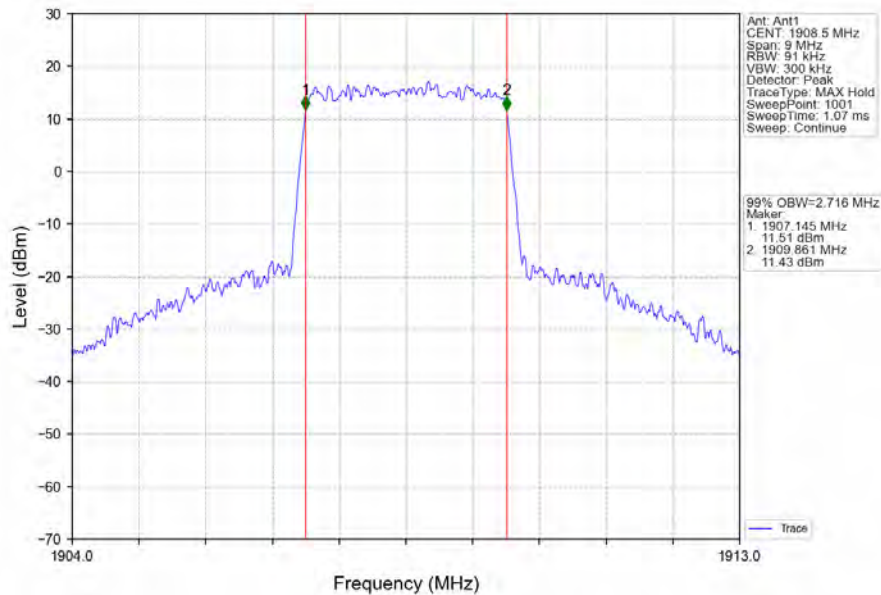
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Band2\_3MHz\_64QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_64QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



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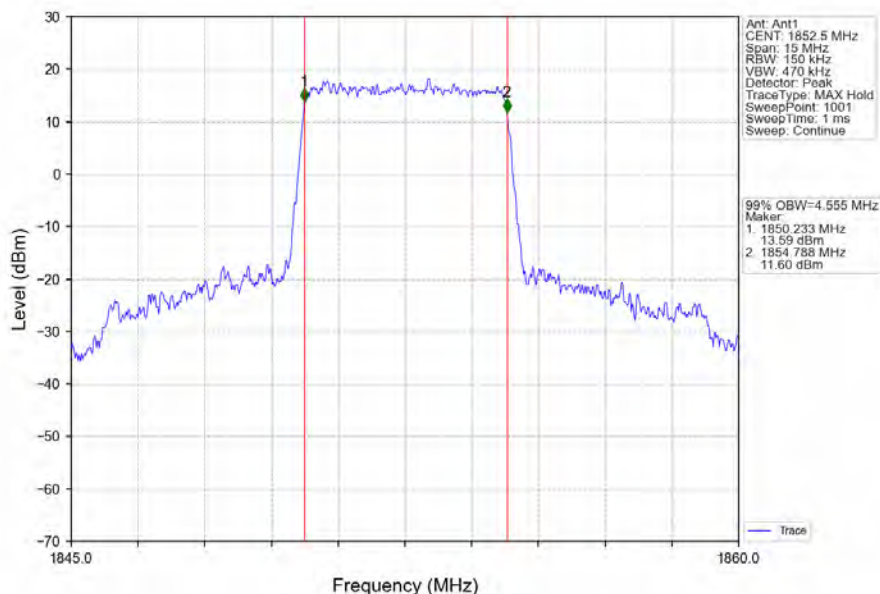
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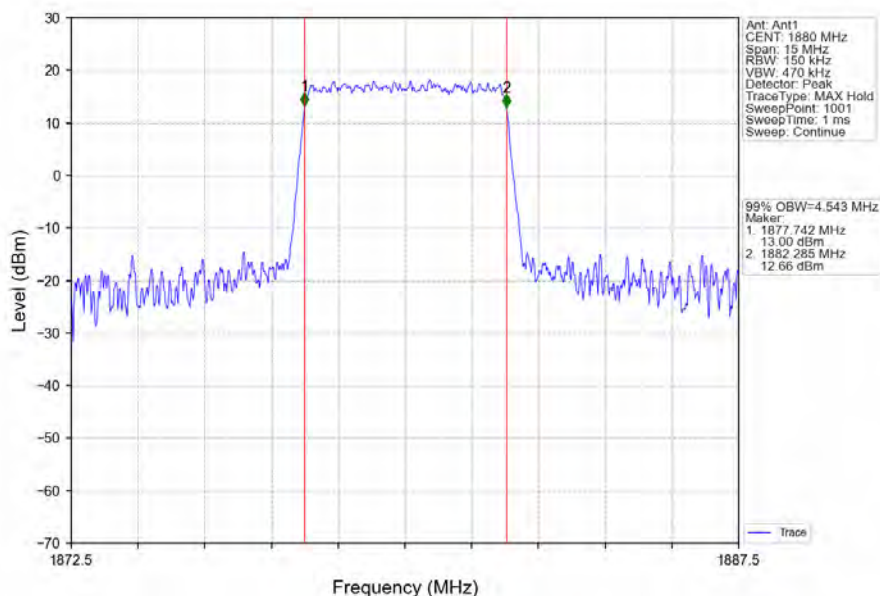
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Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



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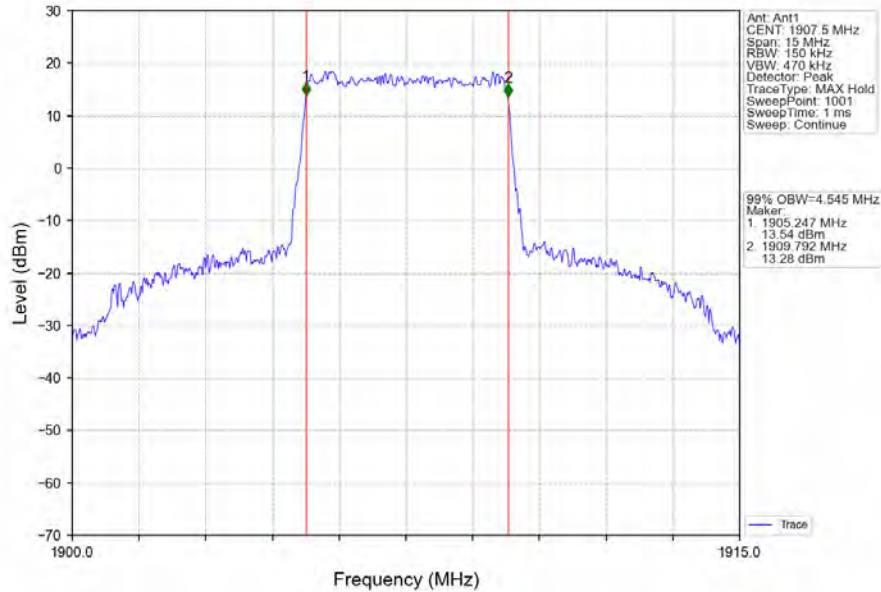
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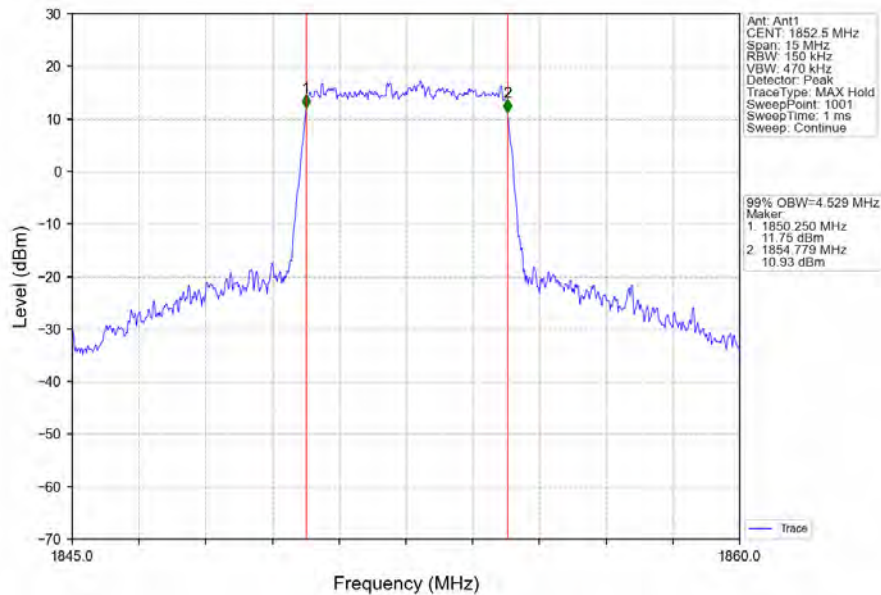
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Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



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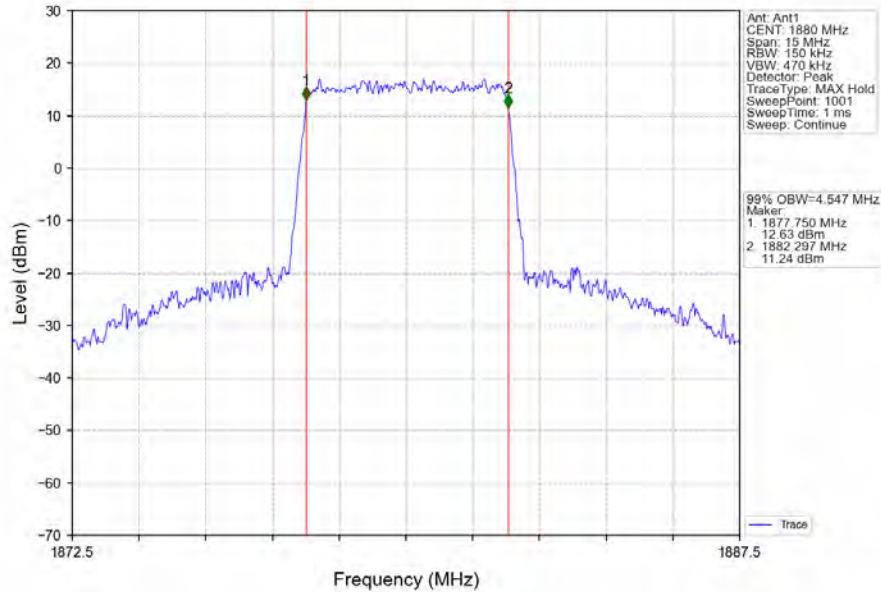




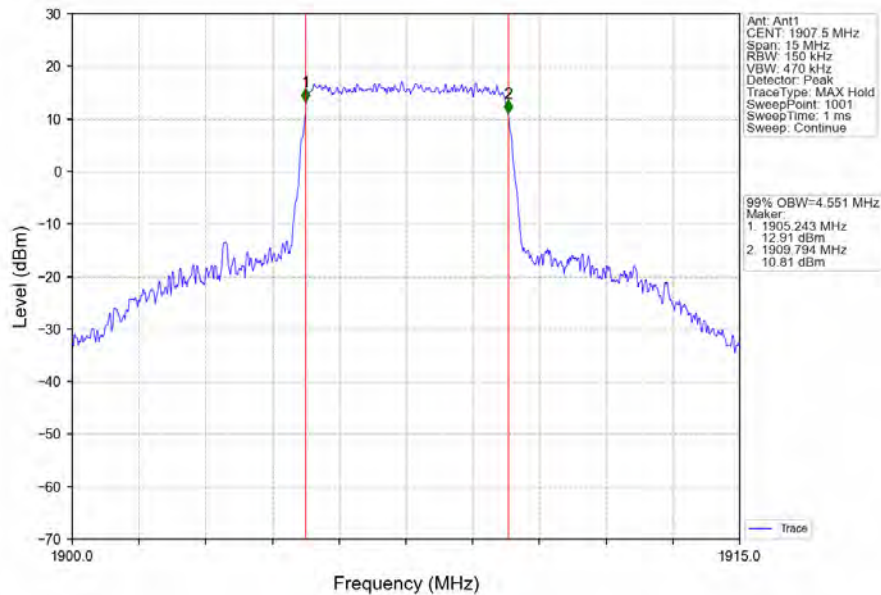
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Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



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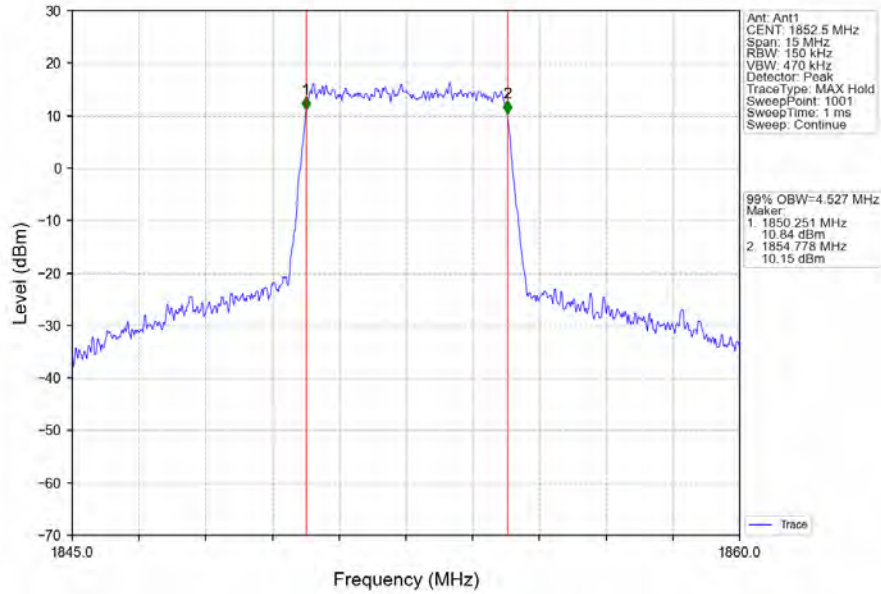
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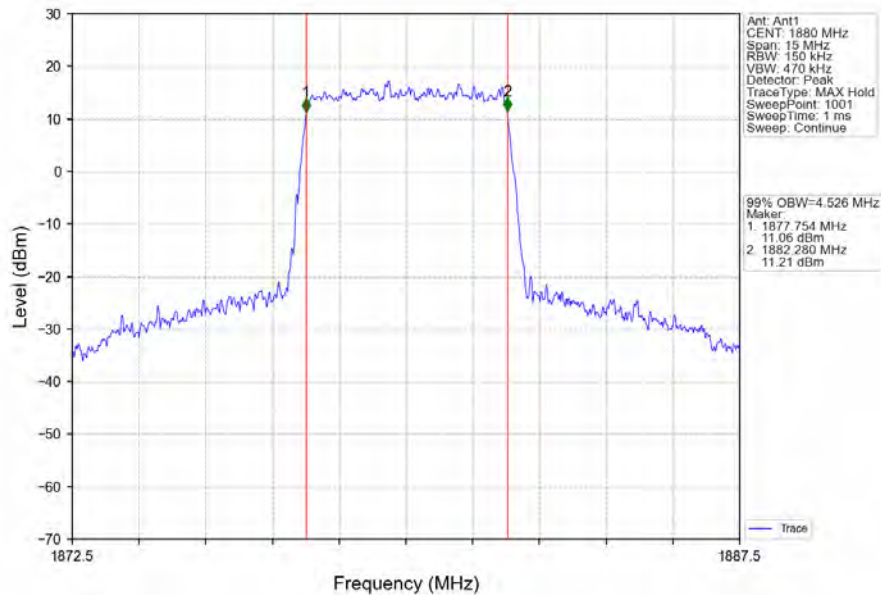
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Band2\_5MHz\_64QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_64QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



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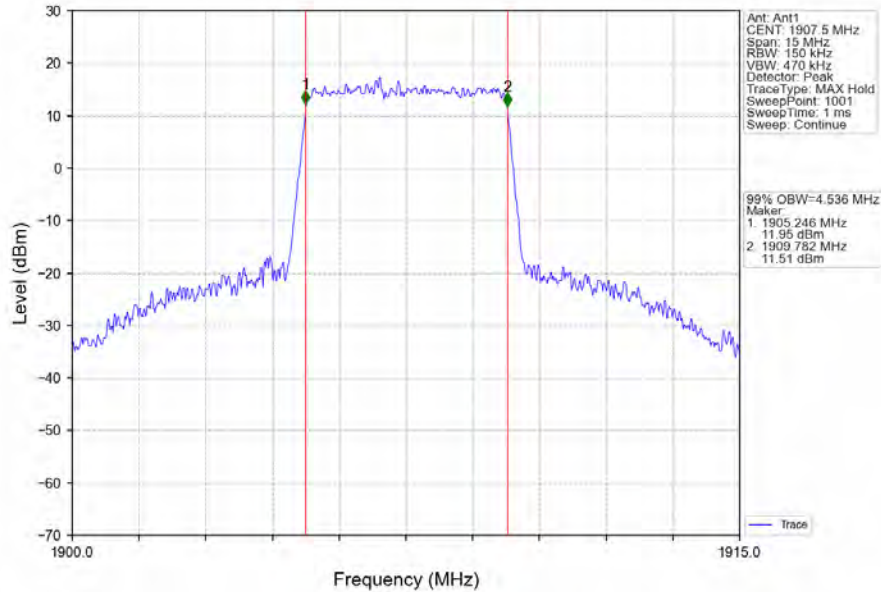
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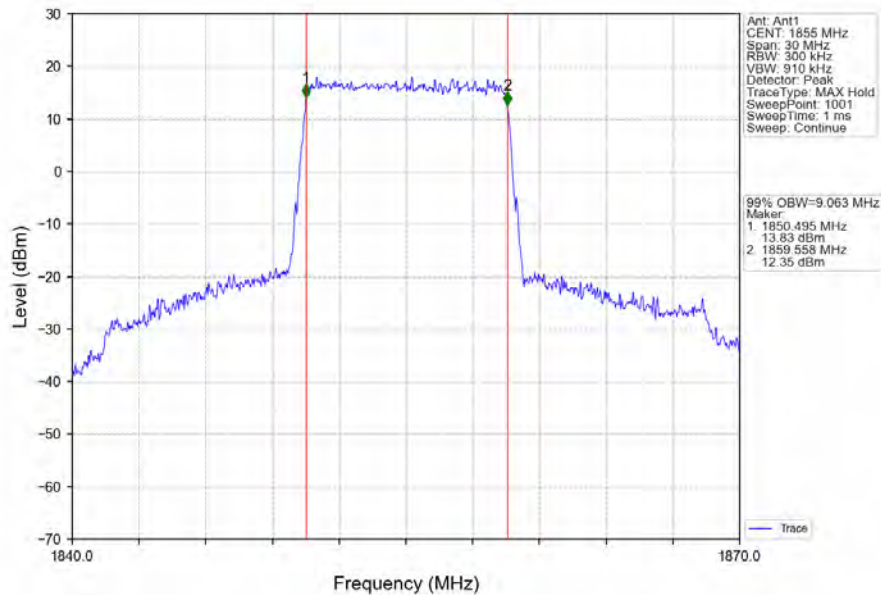
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Band2\_5MHz\_64QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



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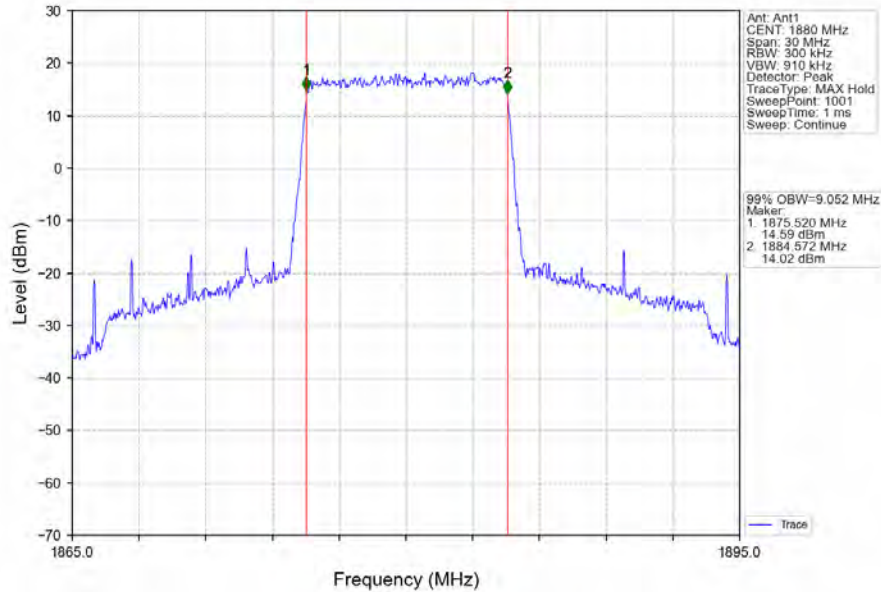
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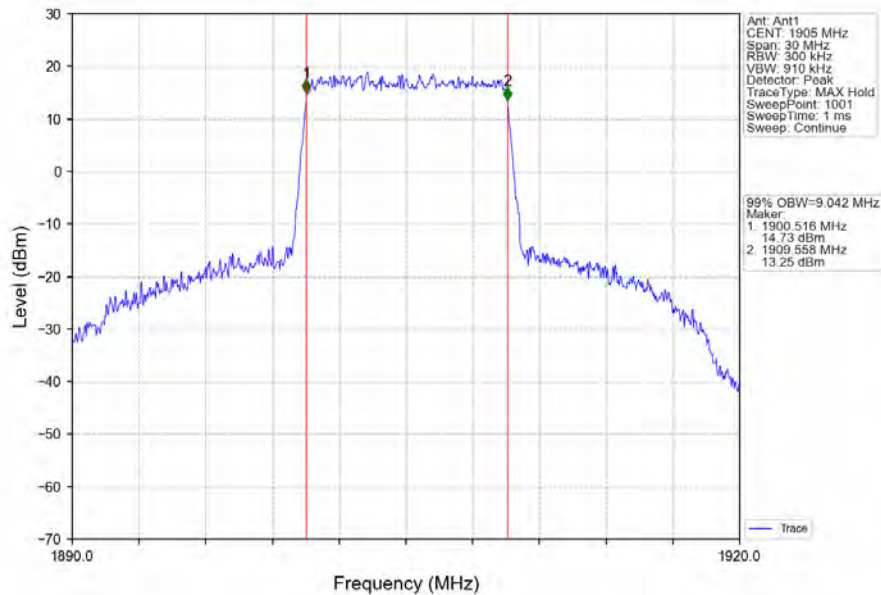
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Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



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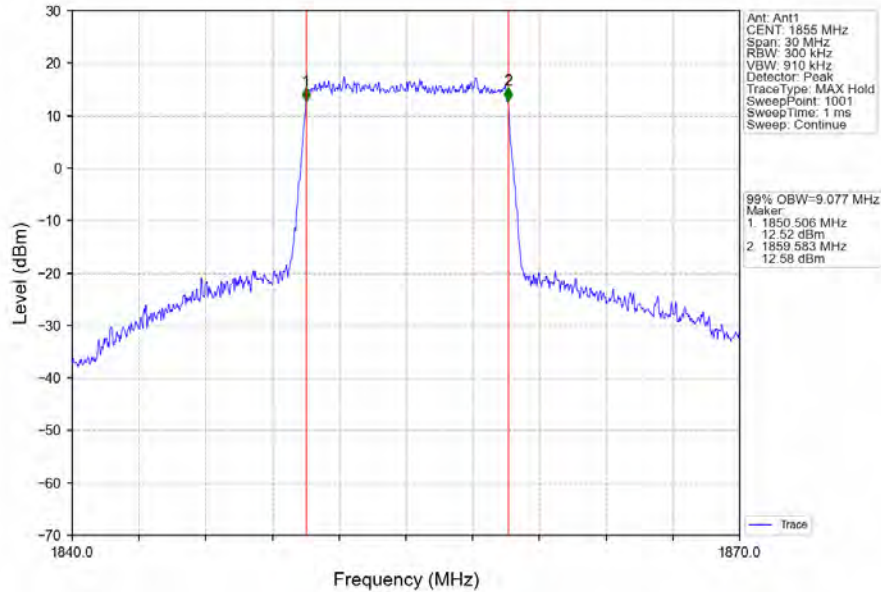
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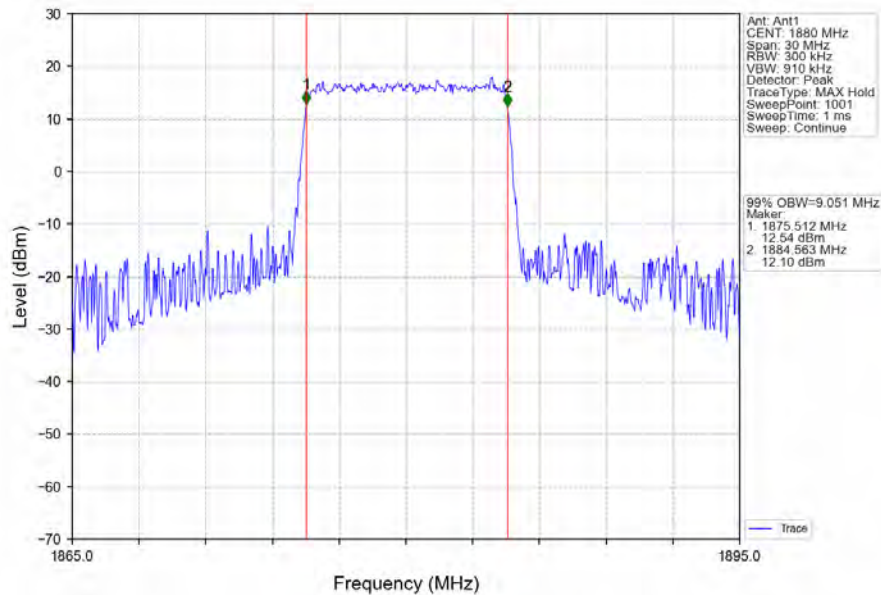
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Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



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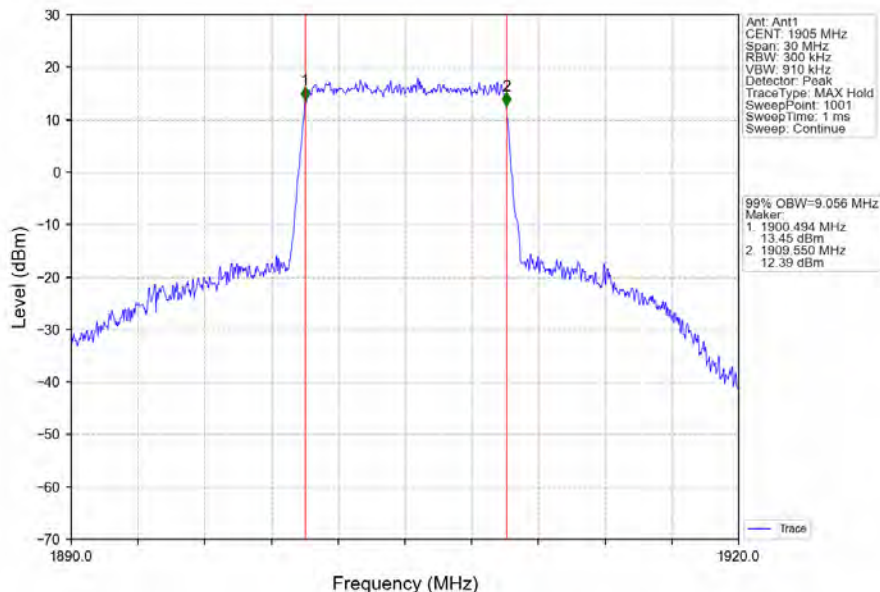
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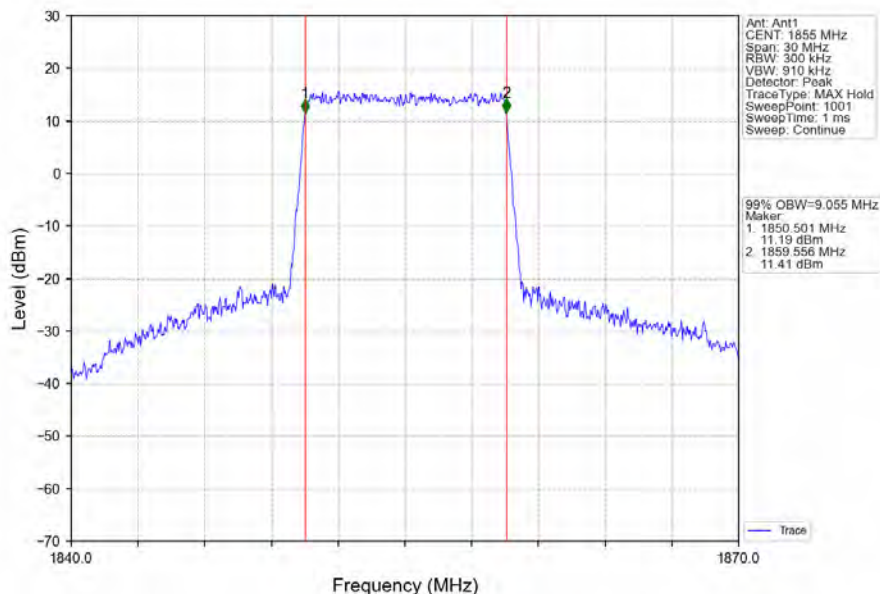
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Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_64QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



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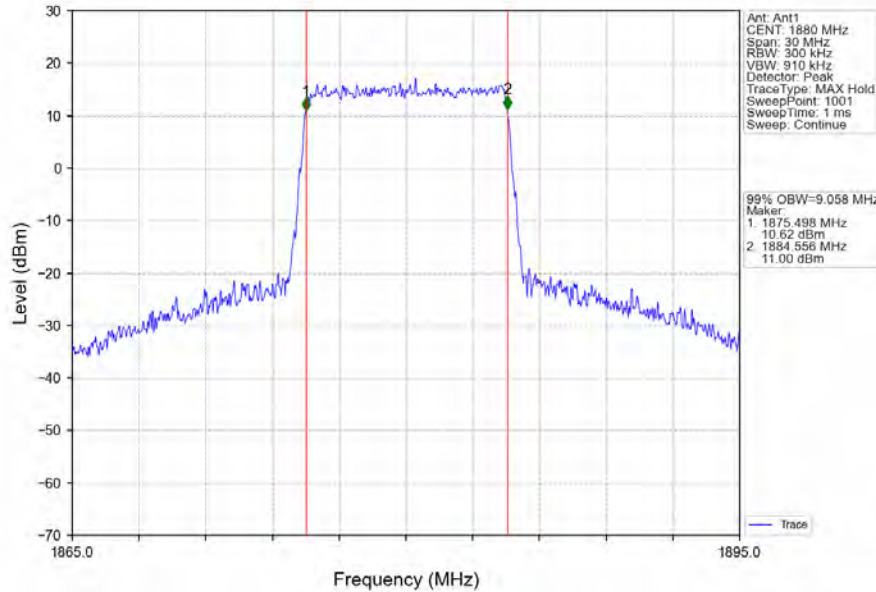
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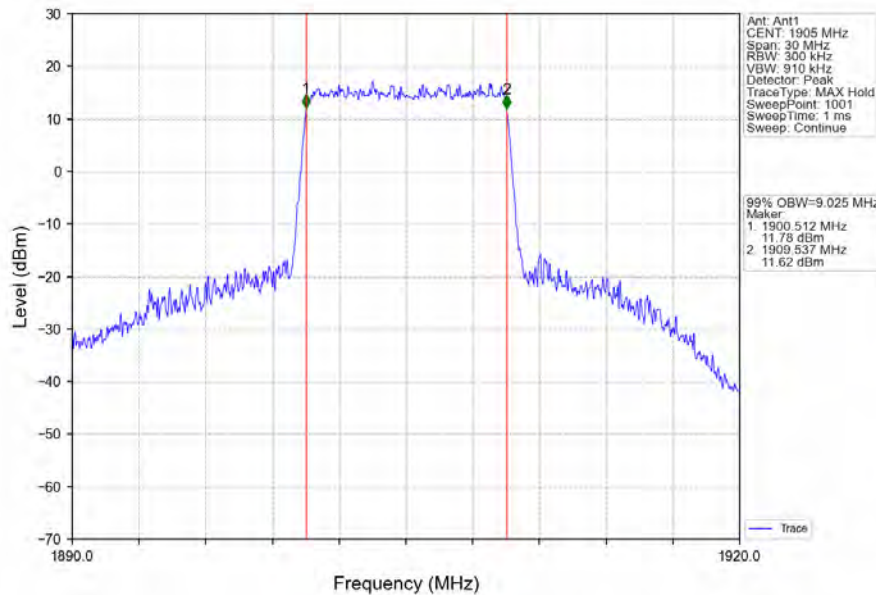
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Band2\_10MHz\_64QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



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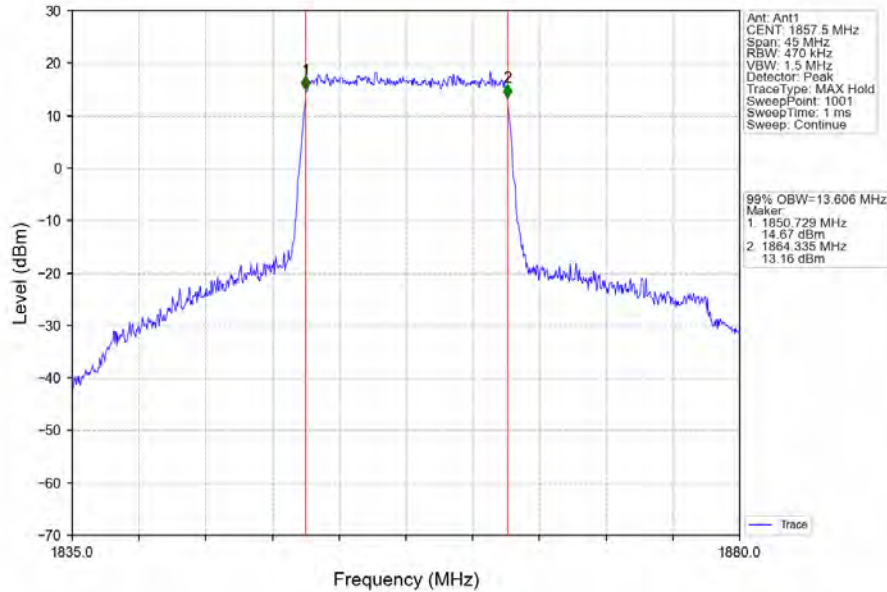
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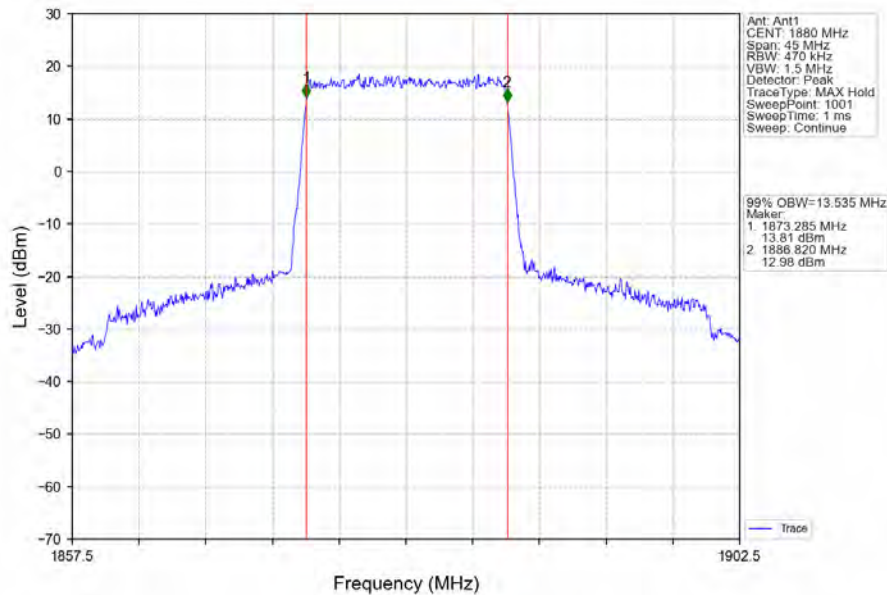
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Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



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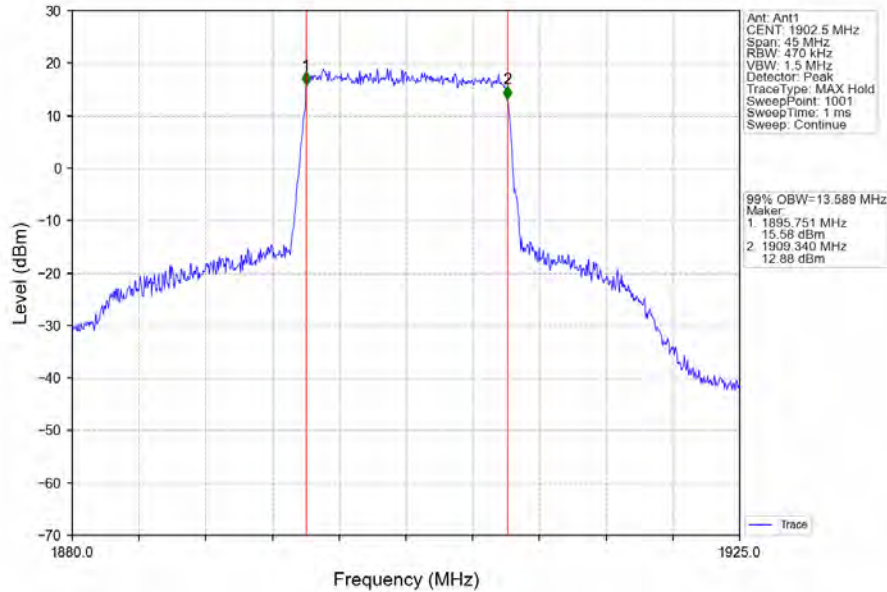




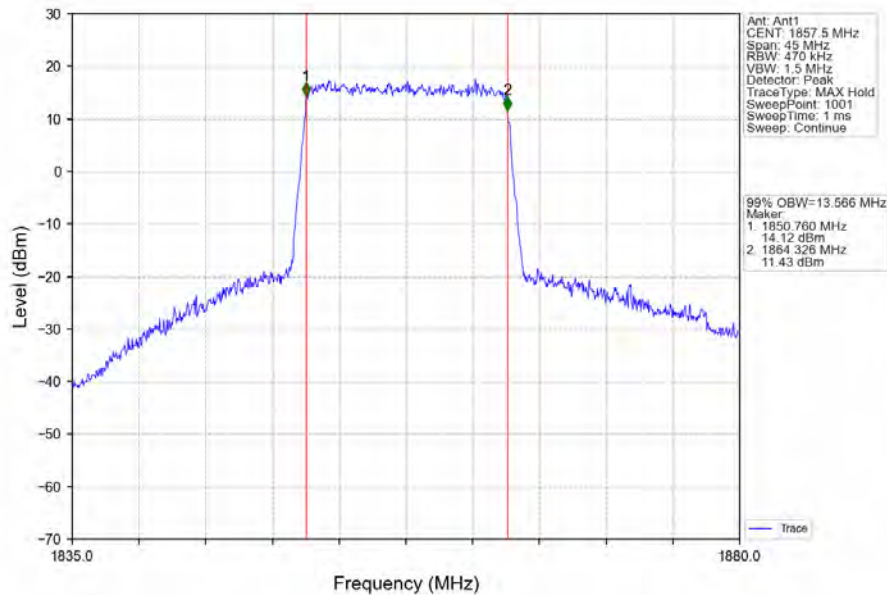
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Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



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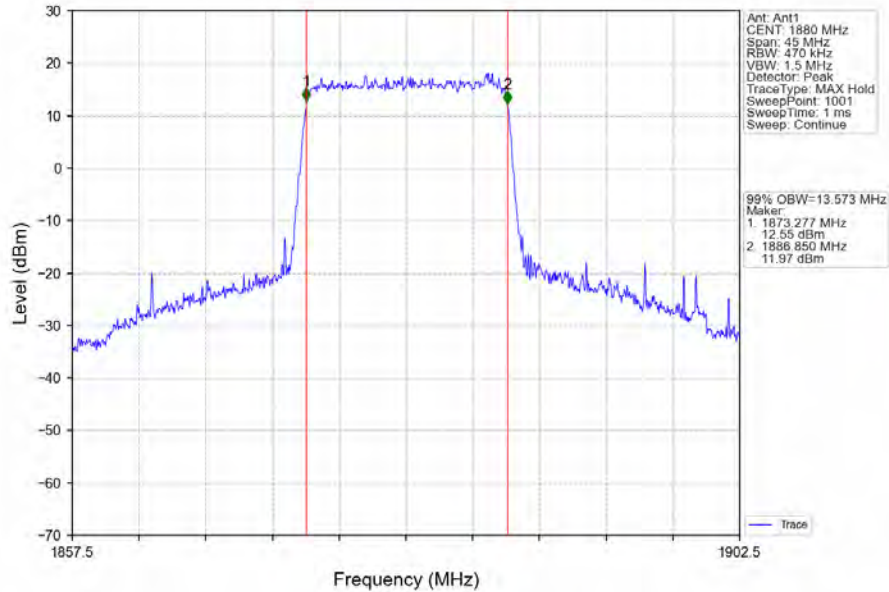
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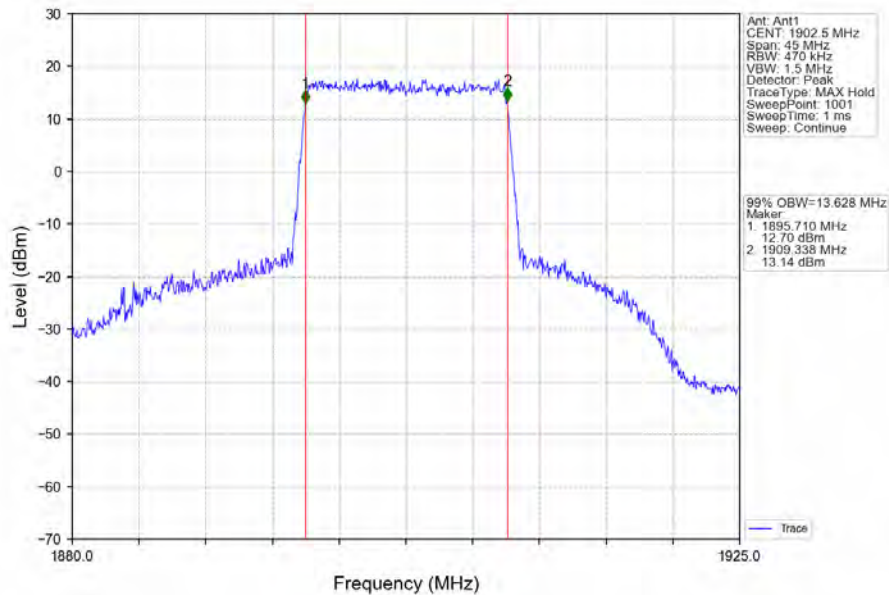
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Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



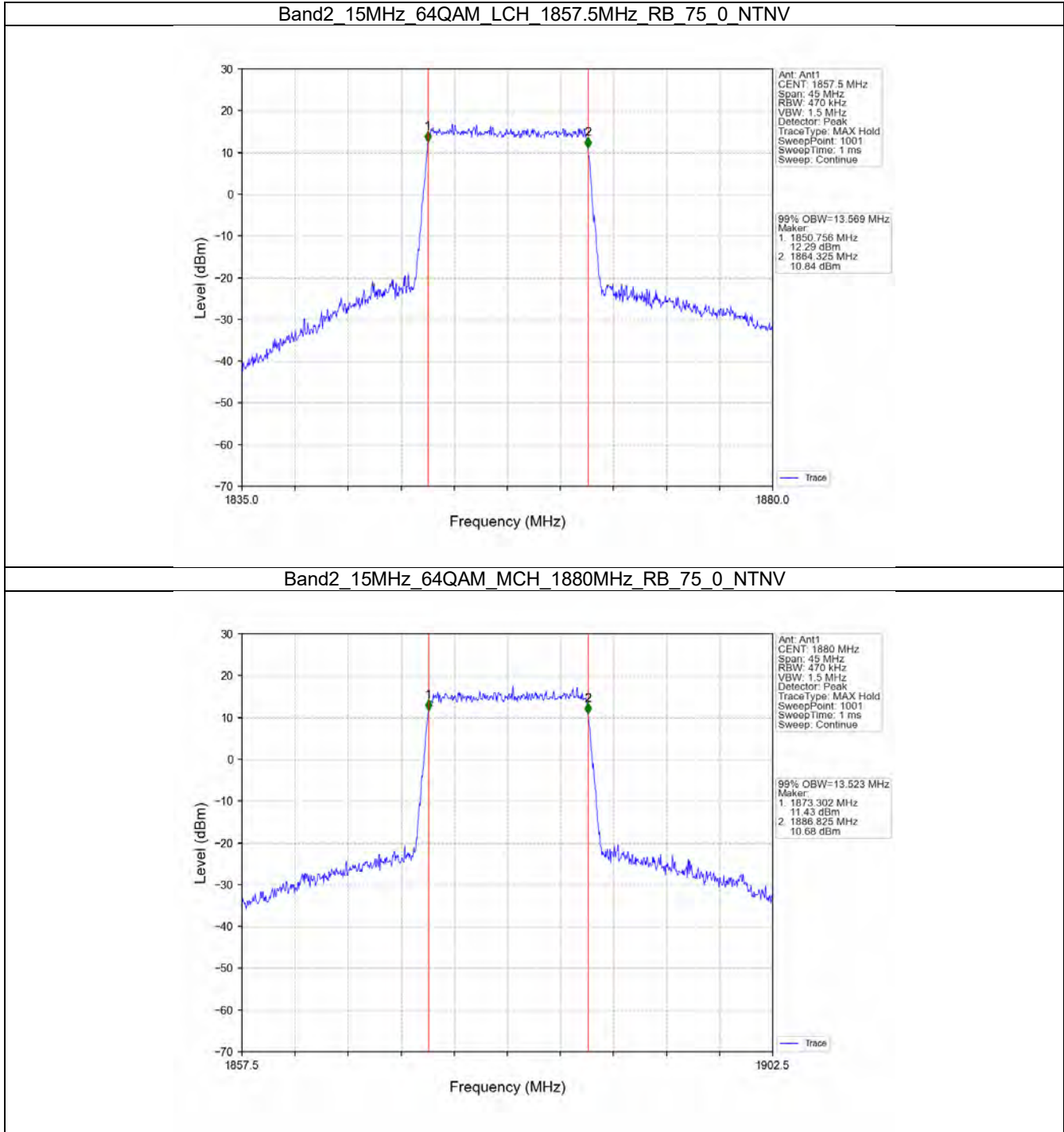
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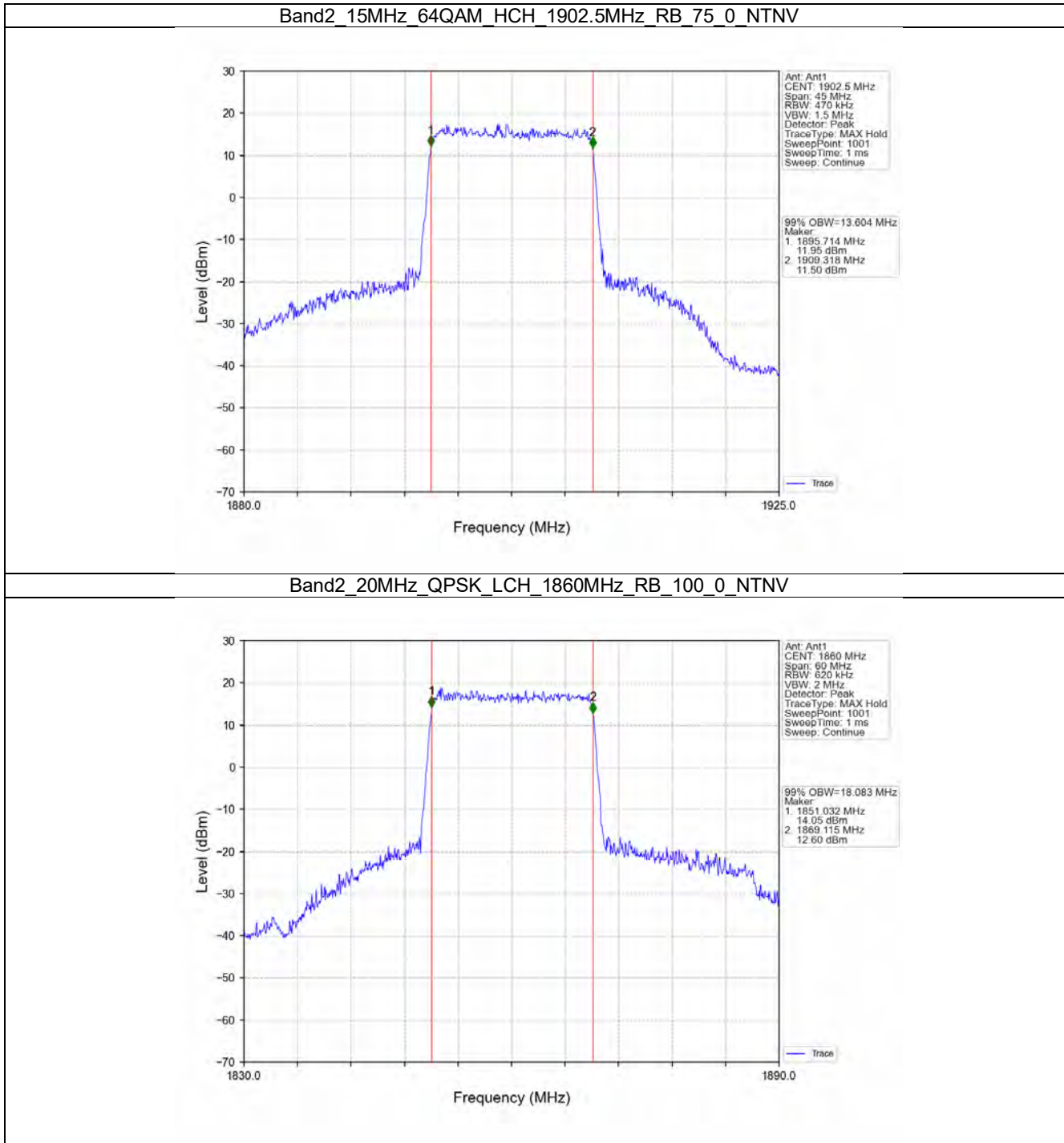
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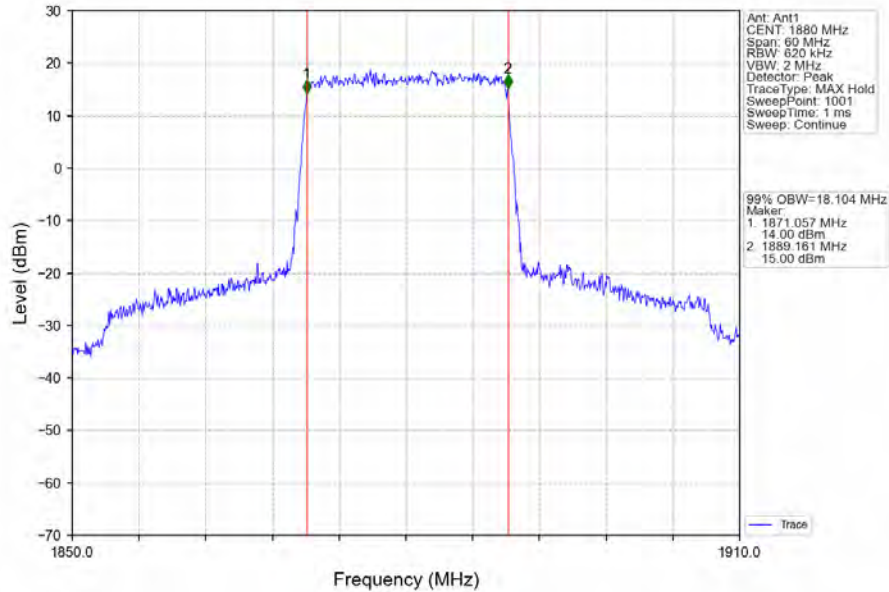
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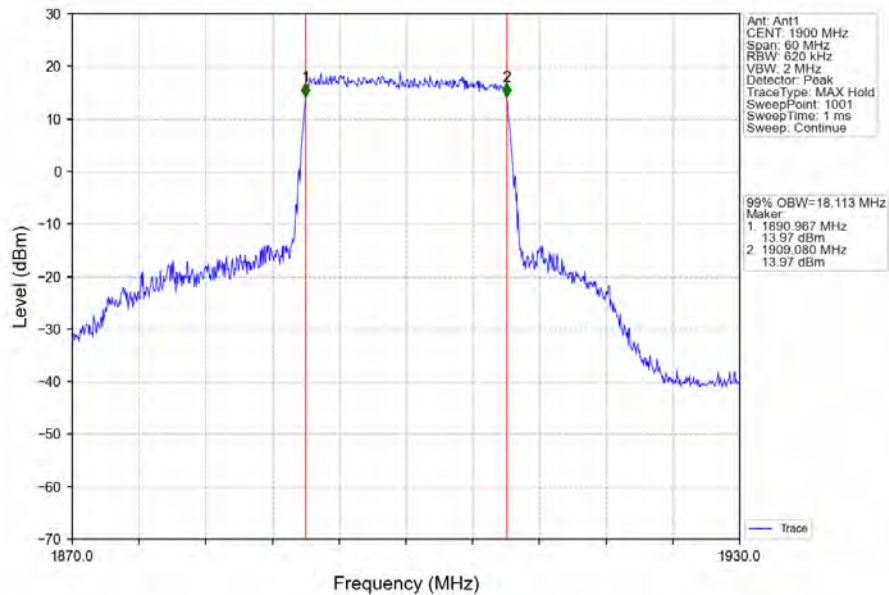
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Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



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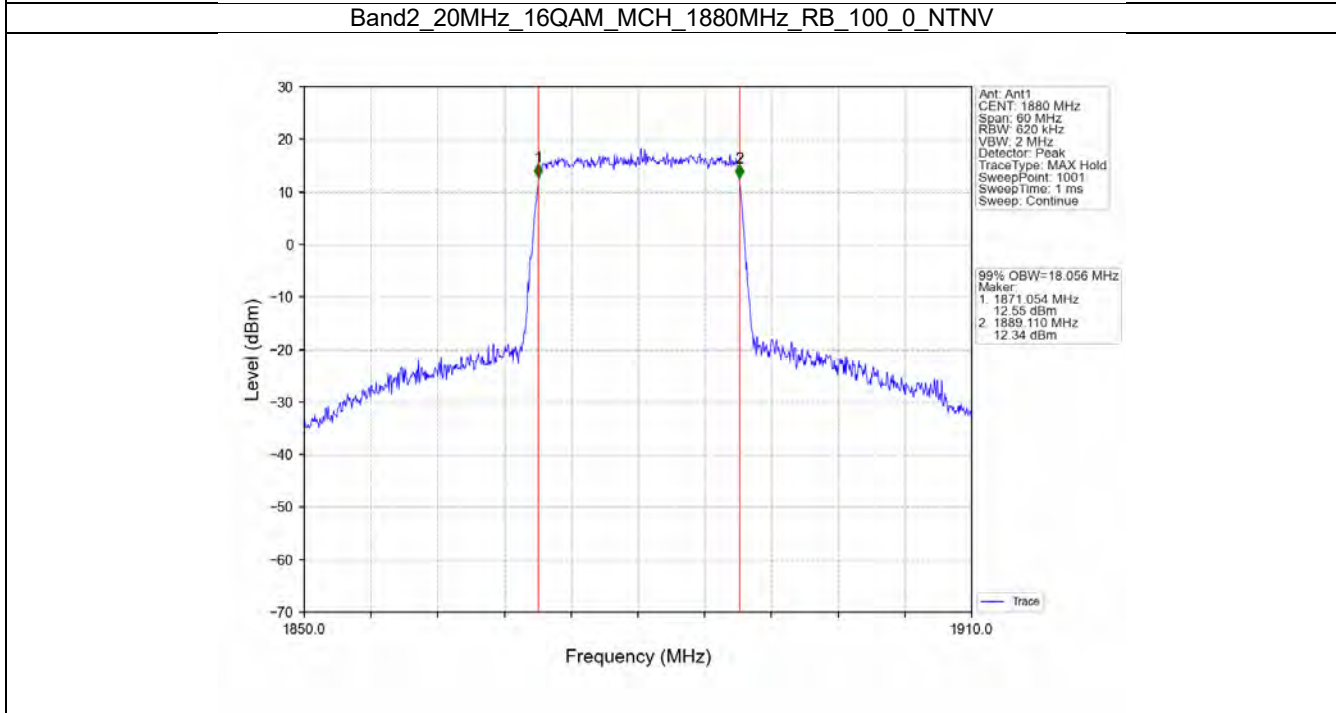
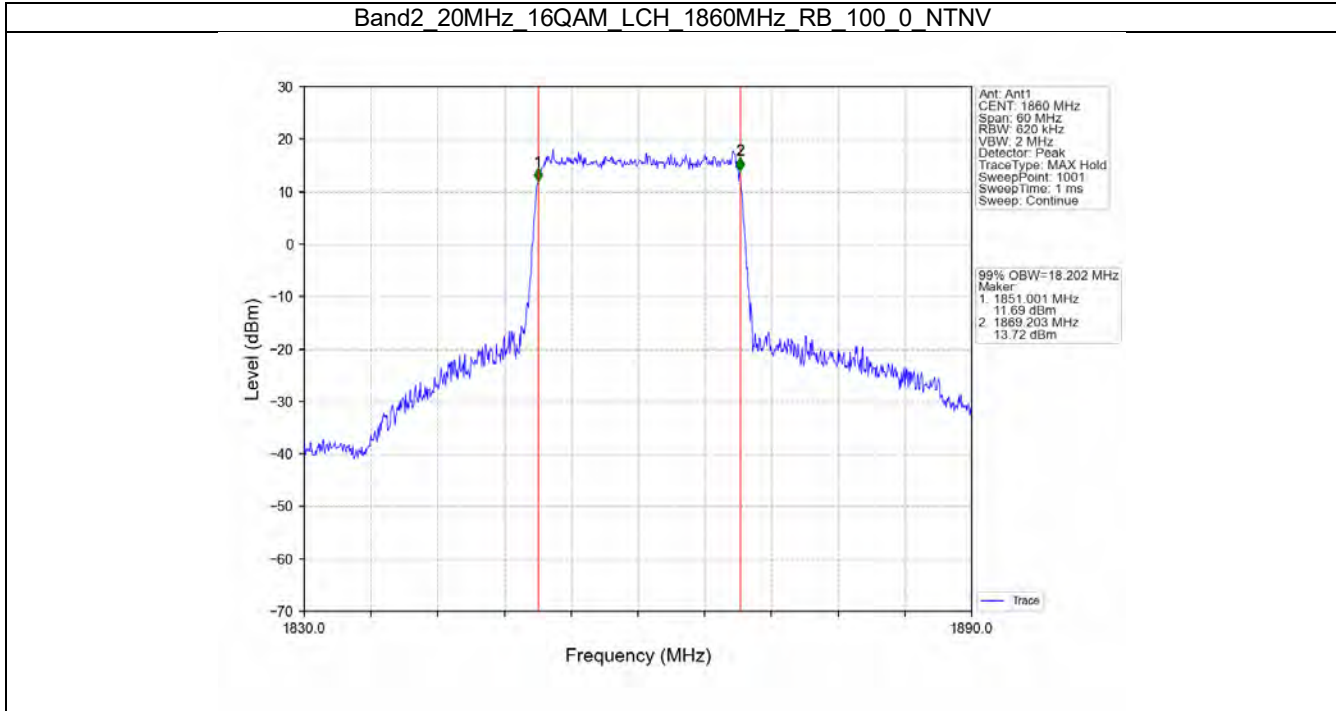
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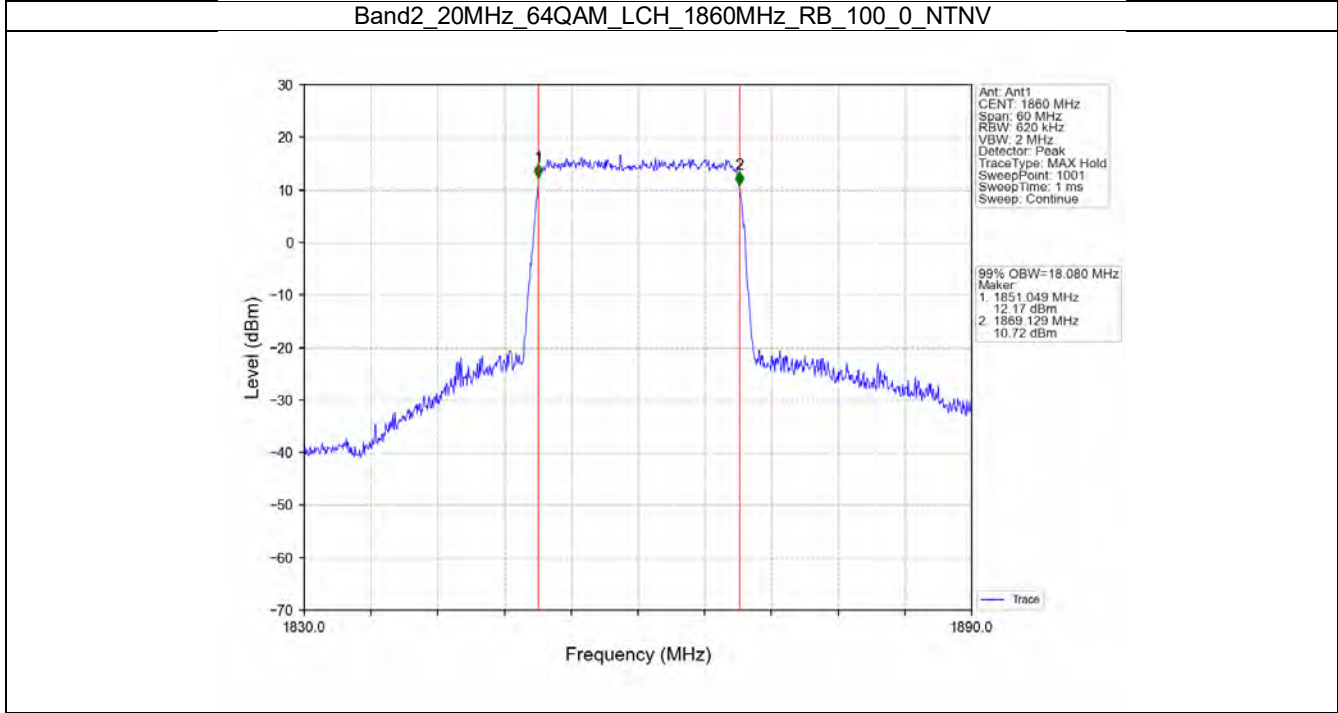
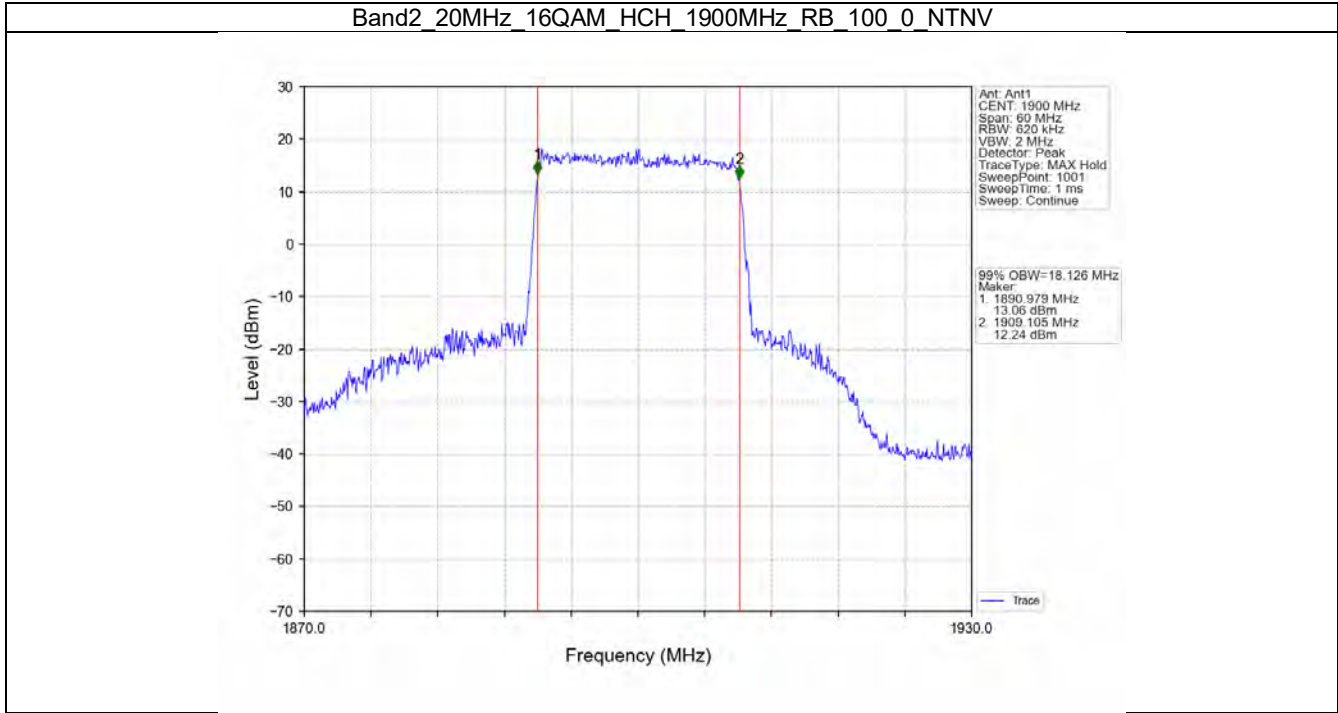
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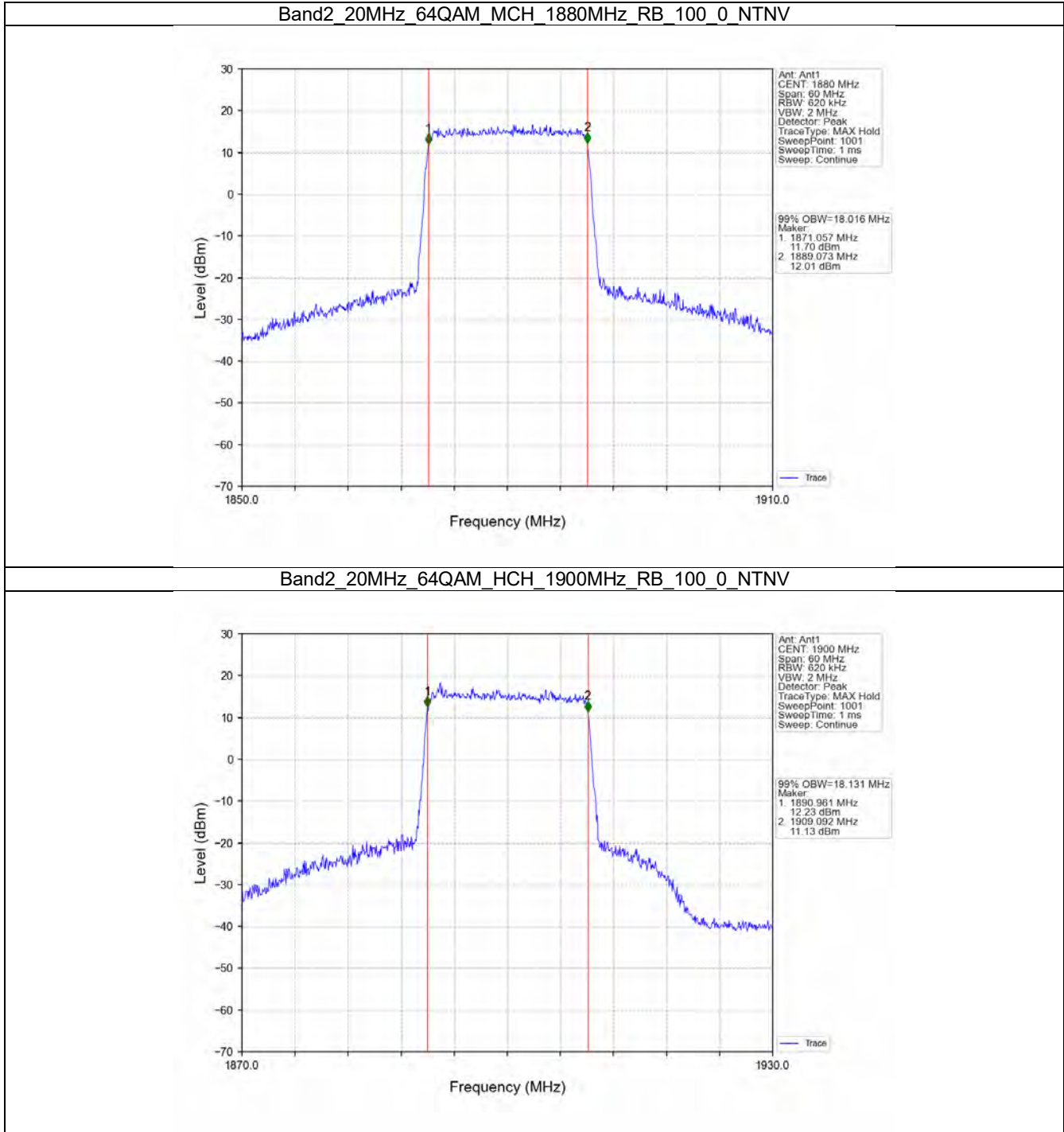
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## 4.2 Band2\_XDB

### 4.2.1 Test Result

Band: 2 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.311	/	Pass
		1880	6	0	1.322	/	Pass
		1909.3	6	0	1.314	/	Pass
	16QAM	1850.7	6	0	1.323	/	Pass
		1880	6	0	1.304	/	Pass
		1909.3	6	0	1.342	/	Pass
	64QAM	1850.7	6	0	1.311	/	Pass
		1880	6	0	1.335	/	Pass
		1909.3	6	0	1.352	/	Pass
3	QPSK	1851.5	15	0	3.006	/	Pass
		1880	15	0	2.990	/	Pass
		1908.5	15	0	2.989	/	Pass
	16QAM	1851.5	15	0	2.981	/	Pass
		1880	15	0	2.985	/	Pass
		1908.5	15	0	3.011	/	Pass
	64QAM	1851.5	15	0	2.997	/	Pass
		1880	15	0	2.972	/	Pass
		1908.5	15	0	2.998	/	Pass
5	QPSK	1852.5	25	0	5.017	/	Pass
		1880	25	0	5.040	/	Pass
		1907.5	25	0	5.038	/	Pass
	16QAM	1852.5	25	0	4.990	/	Pass
		1880	25	0	5.007	/	Pass
		1907.5	25	0	5.064	/	Pass
	64QAM	1852.5	25	0	5.002	/	Pass
		1880	25	0	5.013	/	Pass
		1907.5	25	0	5.017	/	Pass
10	QPSK	1855	50	0	10.046	/	Pass
		1880	50	0	9.965	/	Pass
		1905	50	0	9.950	/	Pass
	16QAM	1855	50	0	9.942	/	Pass
		1880	50	0	9.977	/	Pass
		1905	50	0	9.921	/	Pass
	64QAM	1855	50	0	9.943	/	Pass
		1880	50	0	9.897	/	Pass
		1905	50	0	9.857	/	Pass
15	QPSK	1857.5	75	0	14.806	/	Pass
		1880	75	0	14.880	/	Pass
		1902.5	75	0	14.964	/	Pass



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	16QAM	1857.5	75	0	14.936	/	Pass
		1880	75	0	14.902	/	Pass
		1902.5	75	0	14.951	/	Pass
	64QAM	1857.5	75	0	14.897	/	Pass
		1880	75	0	14.861	/	Pass
		1902.5	75	0	14.911	/	Pass
20	QPSK	1860	100	0	19.722	/	Pass
		1880	100	0	19.724	/	Pass
		1900	100	0	19.914	/	Pass
	16QAM	1860	100	0	19.628	/	Pass
		1880	100	0	19.768	/	Pass
		1900	100	0	19.739	/	Pass
	64QAM	1860	100	0	19.772	/	Pass
		1880	100	0	19.600	/	Pass
		1900	100	0	19.636	/	Pass



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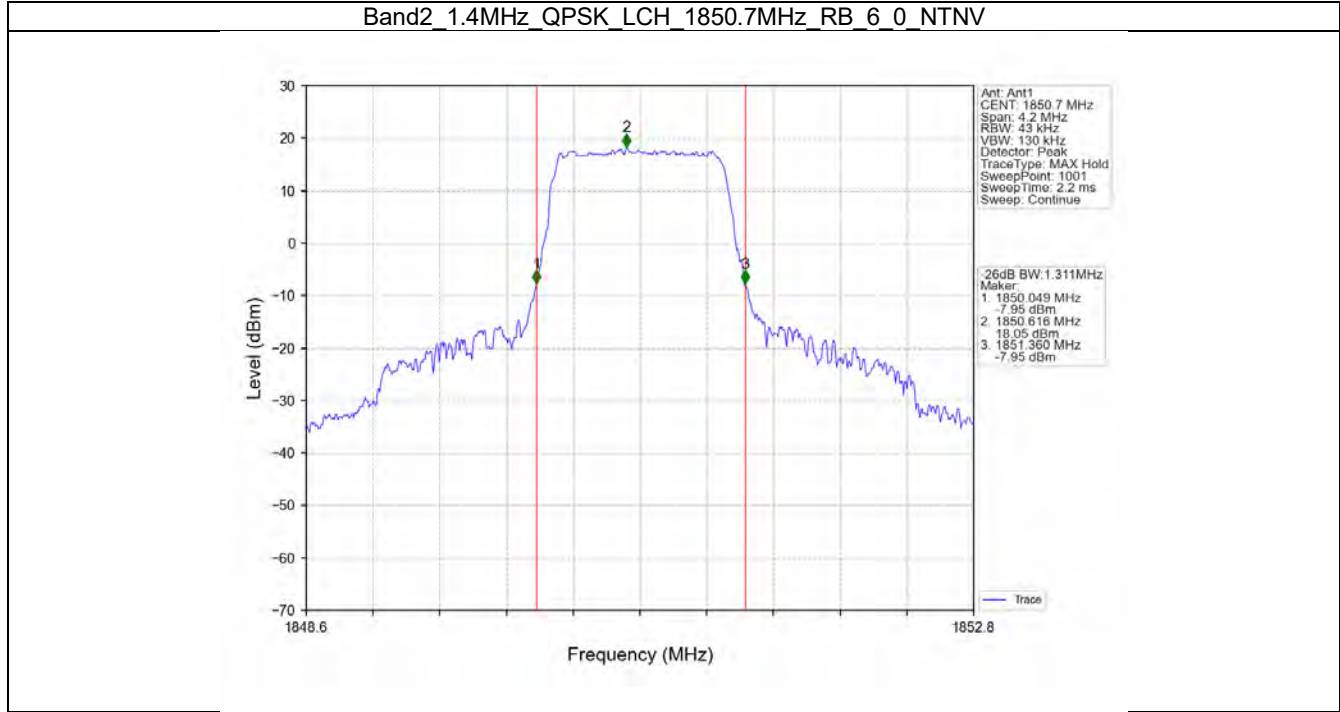
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4.2.2 Test Graph



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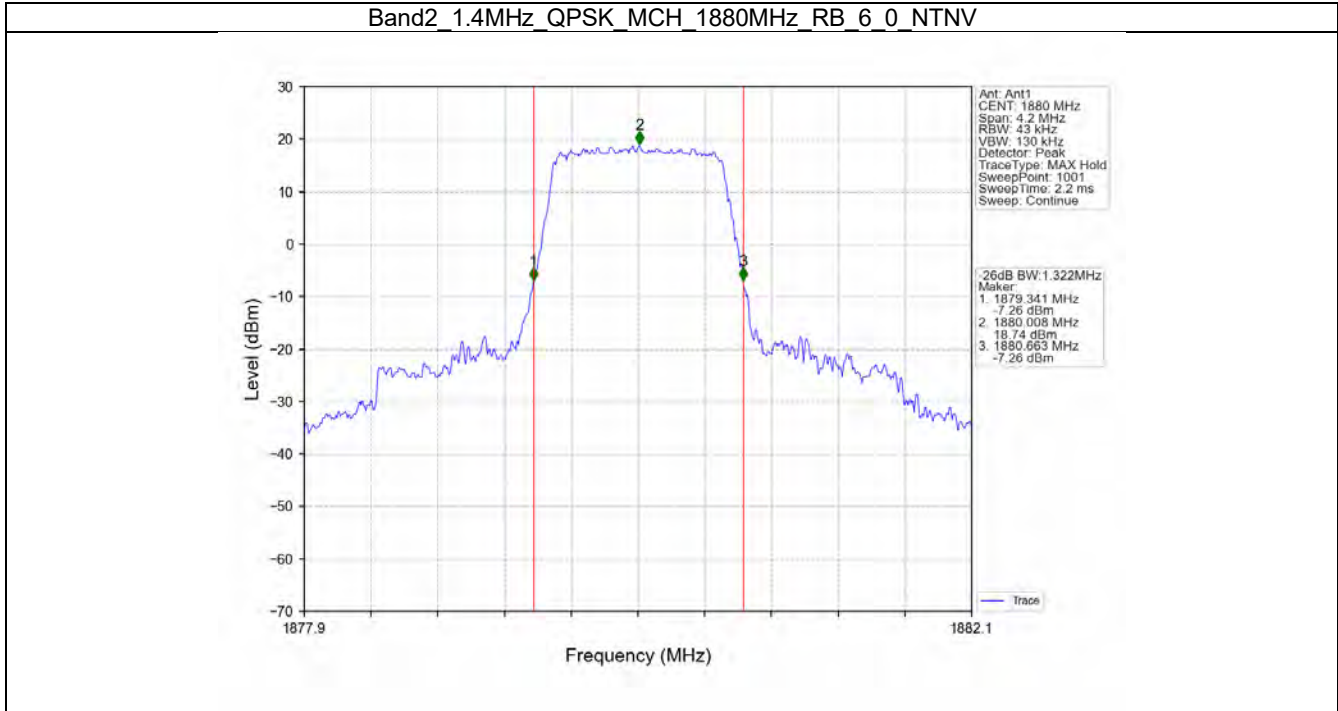
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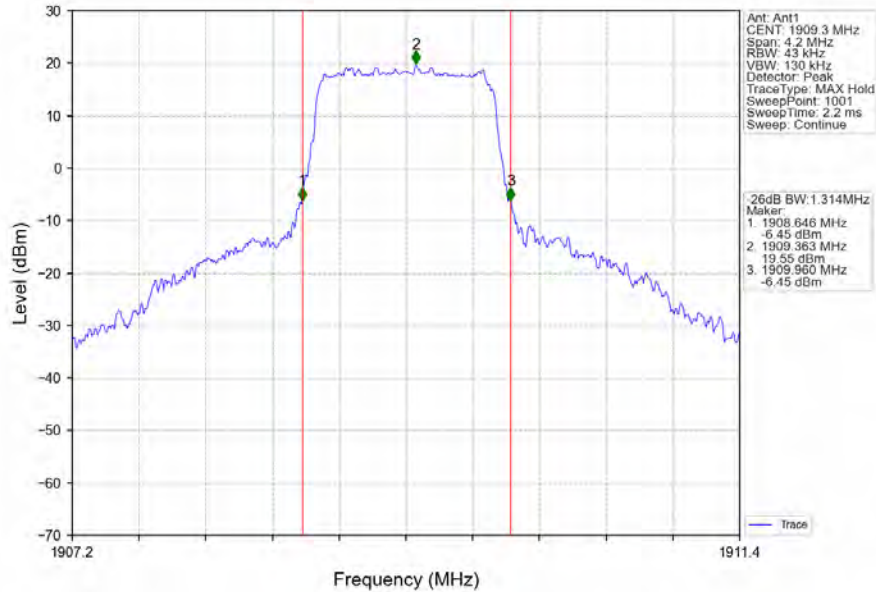
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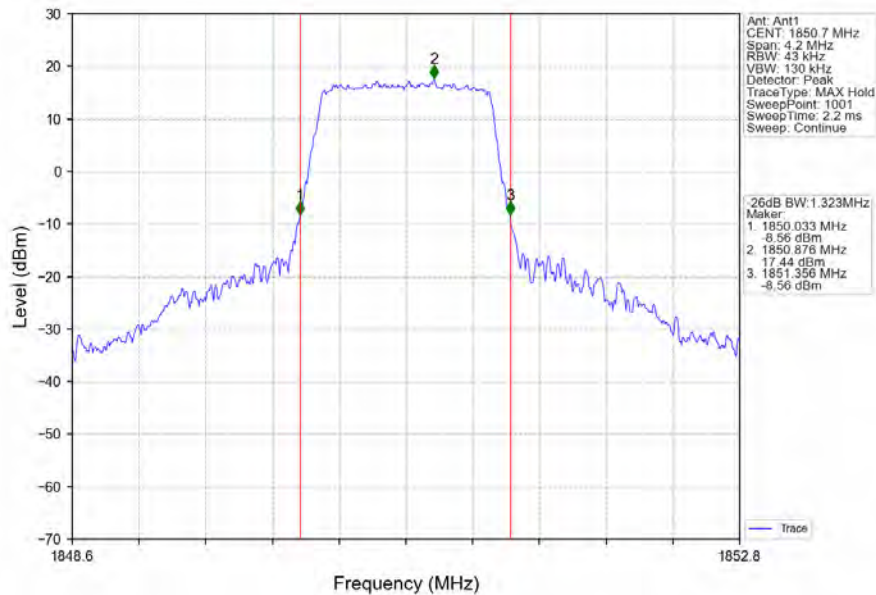
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Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



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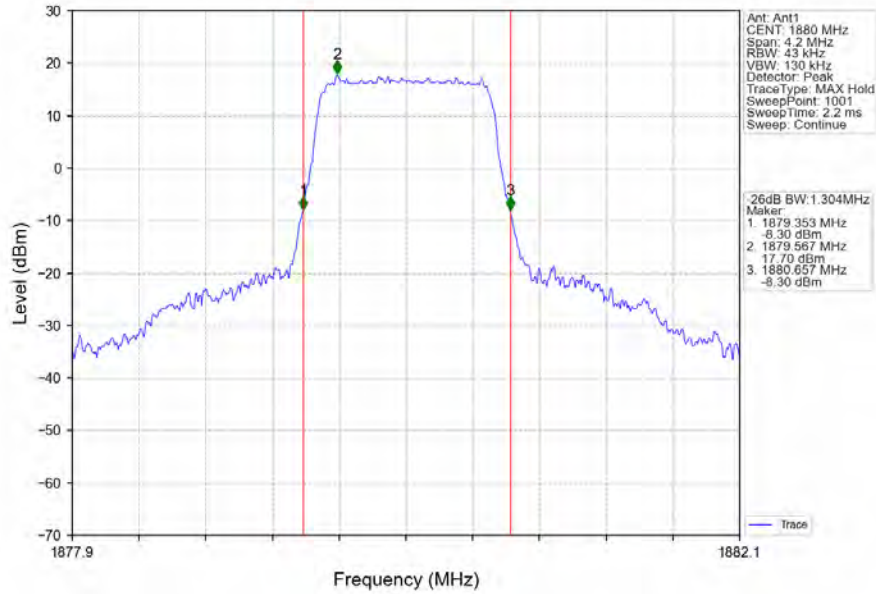
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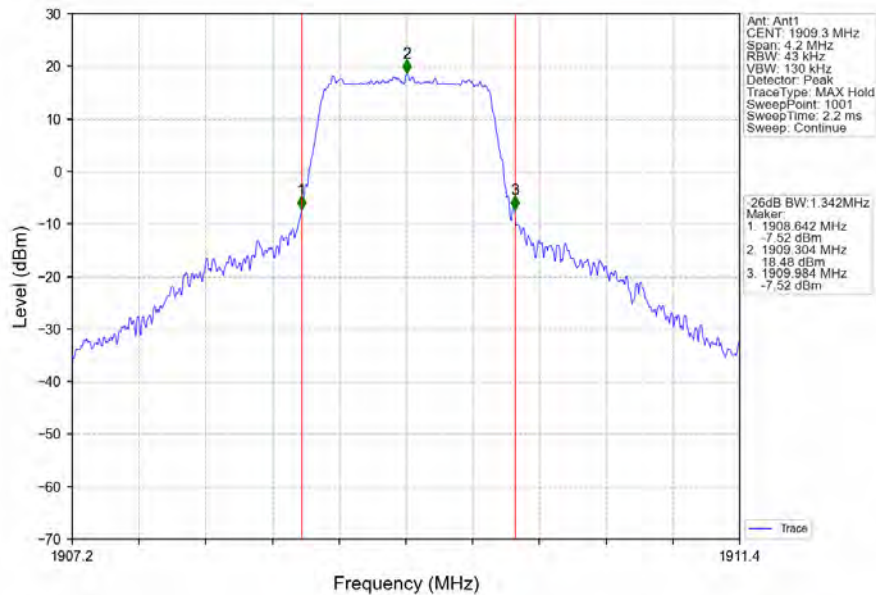
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Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



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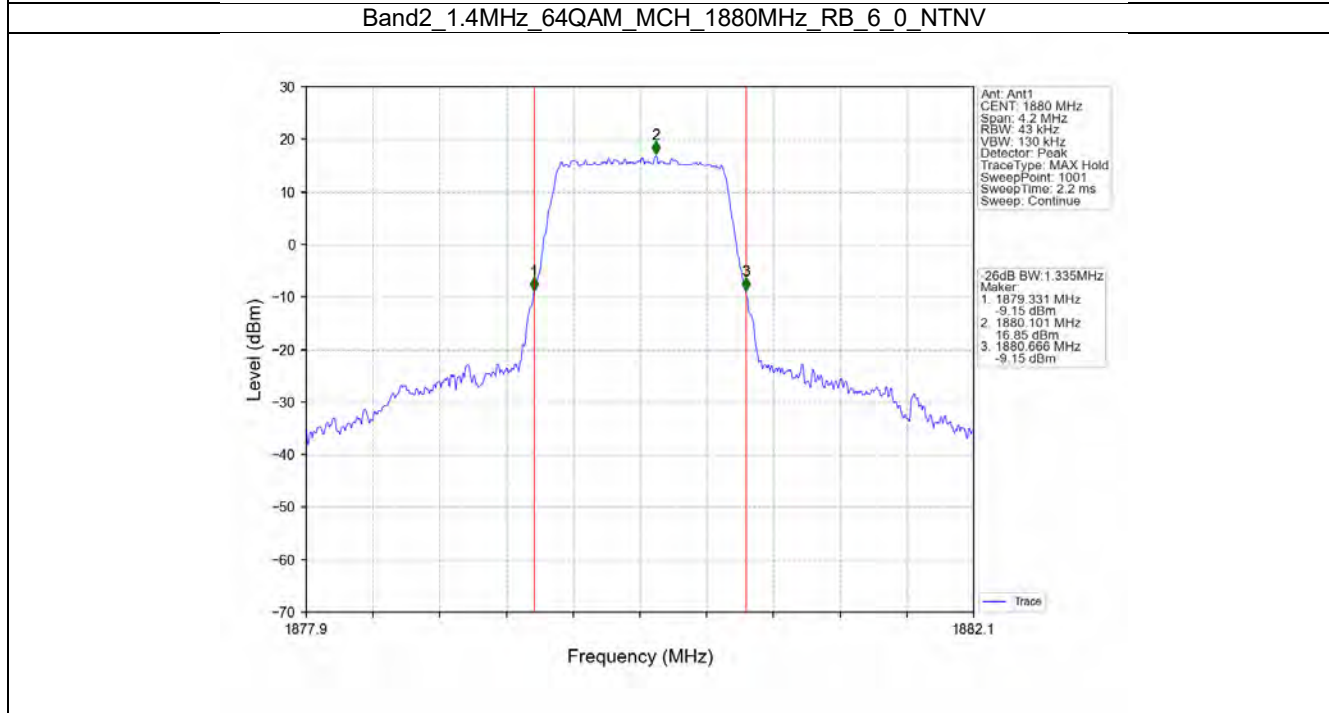
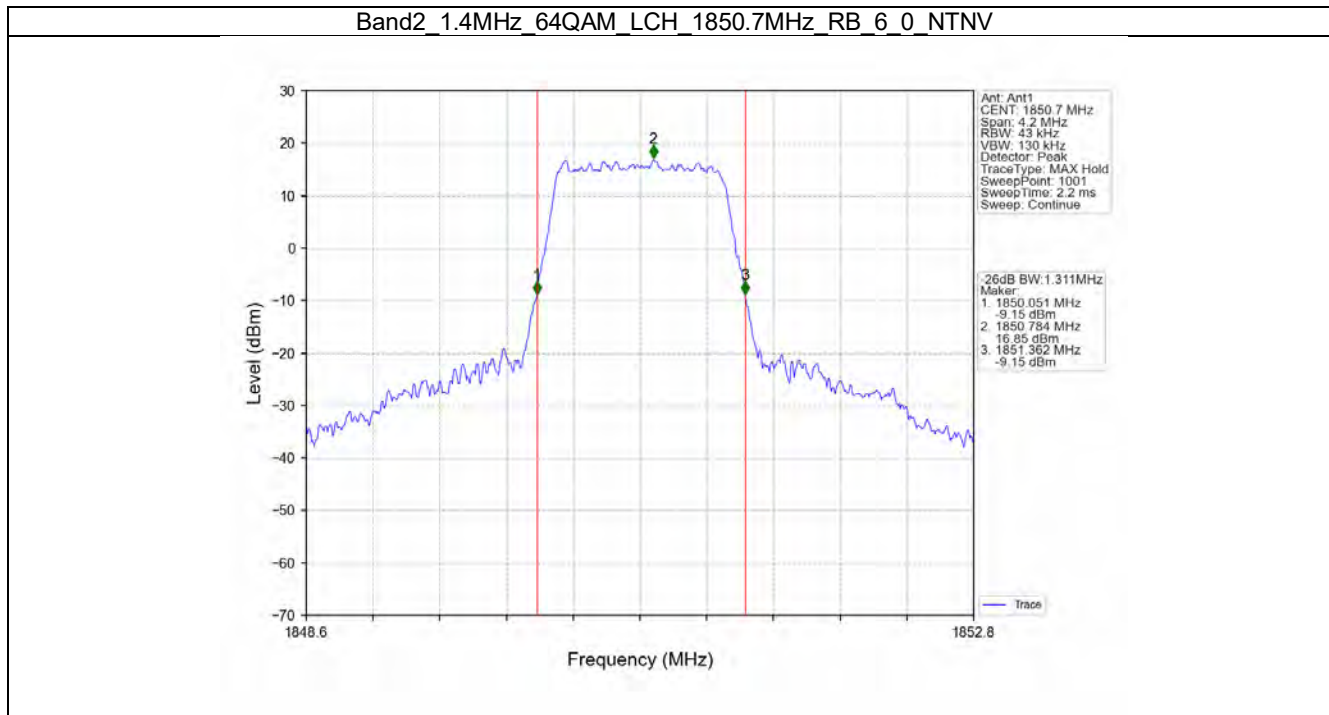


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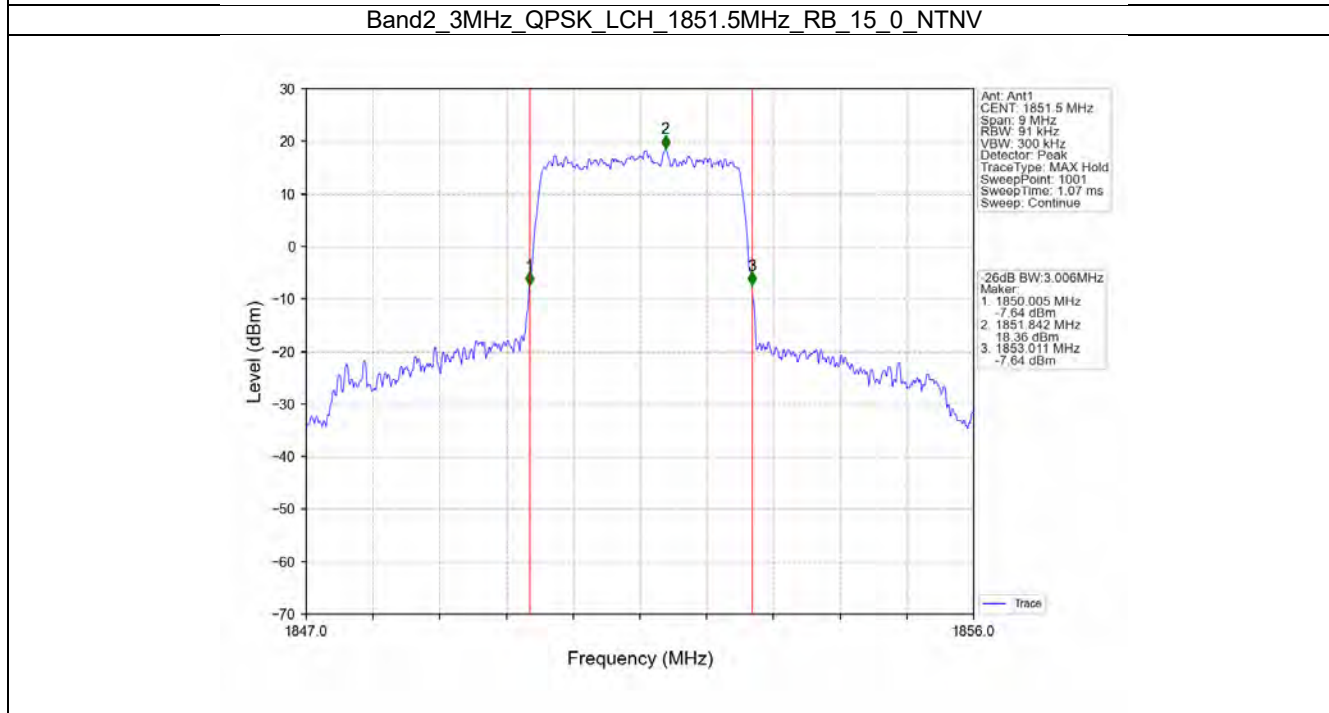
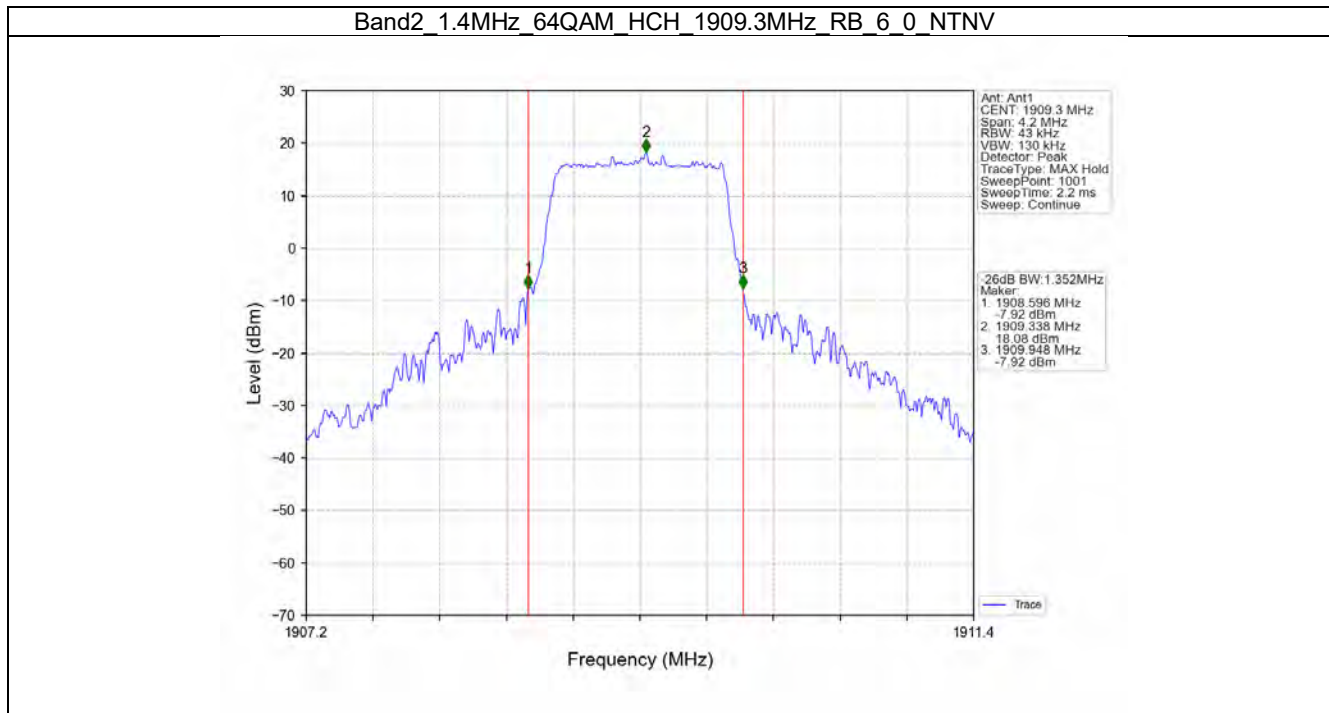


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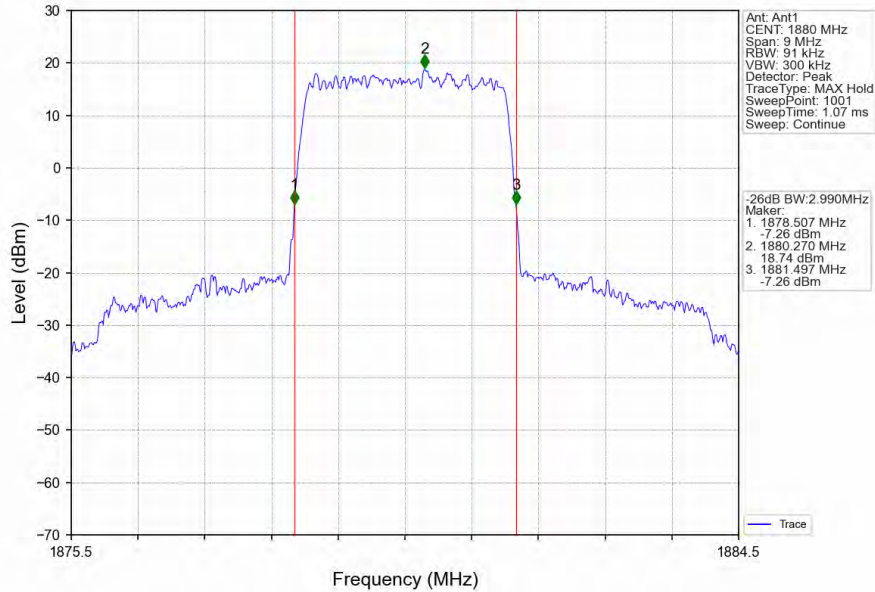




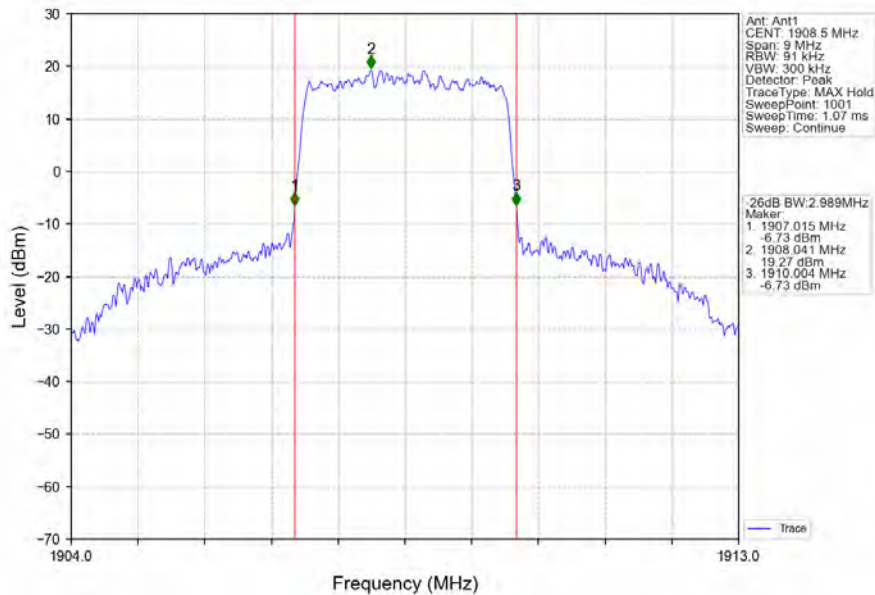
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Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



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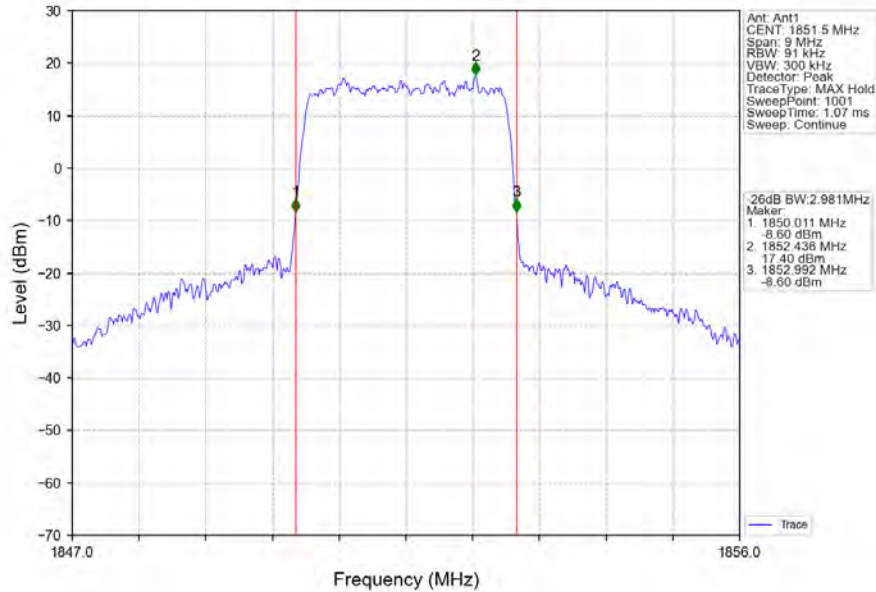
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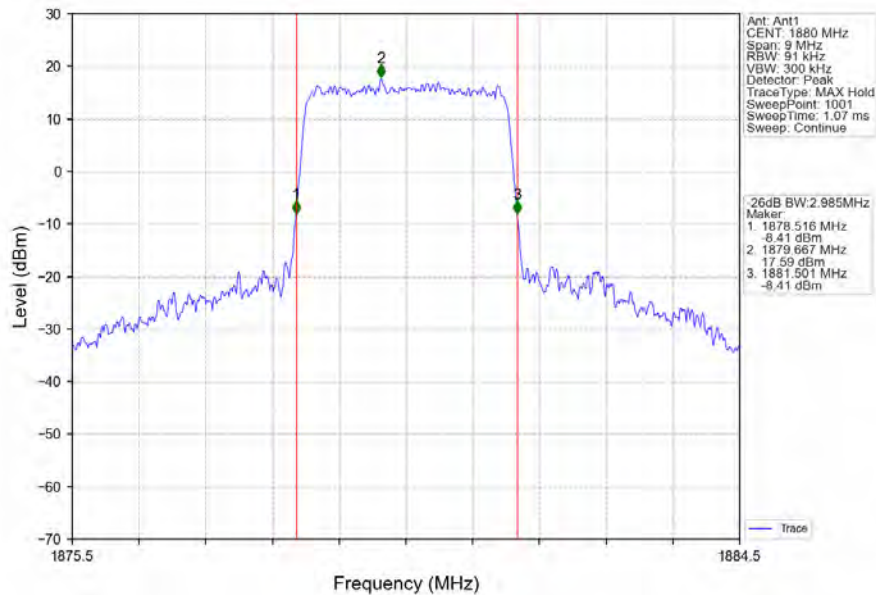
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Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



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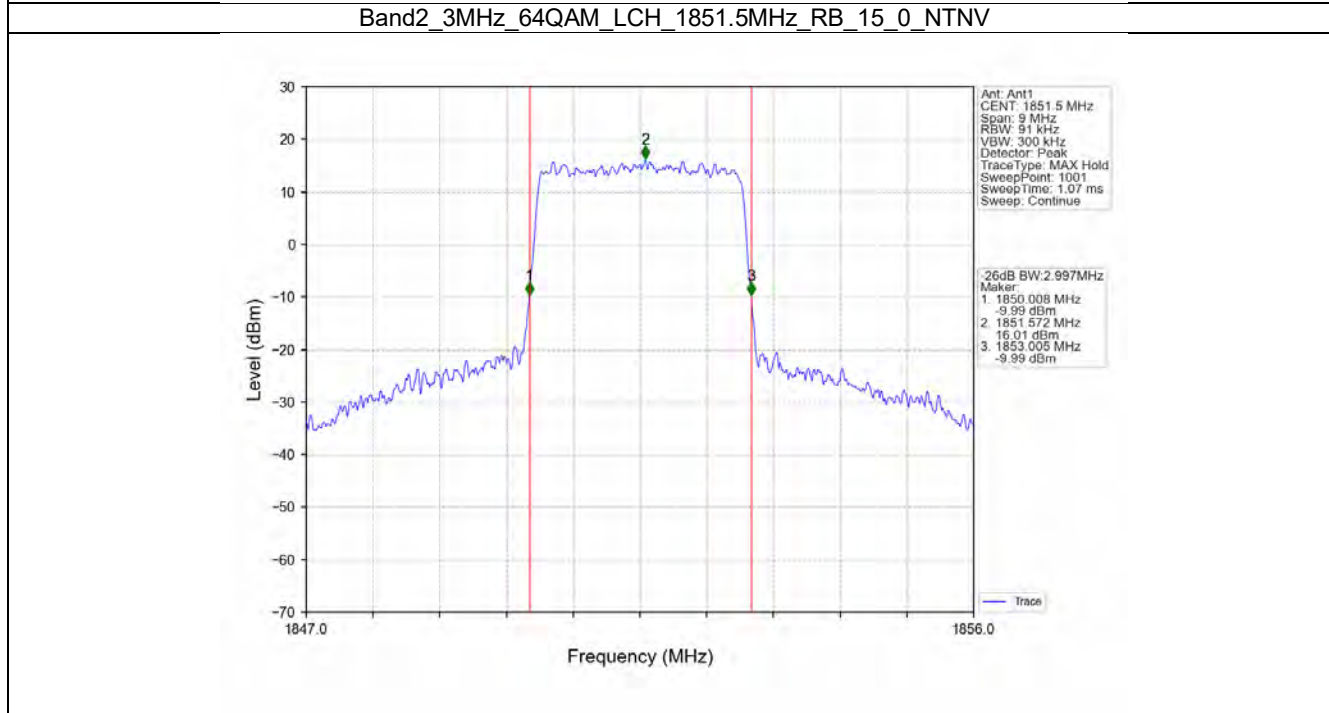
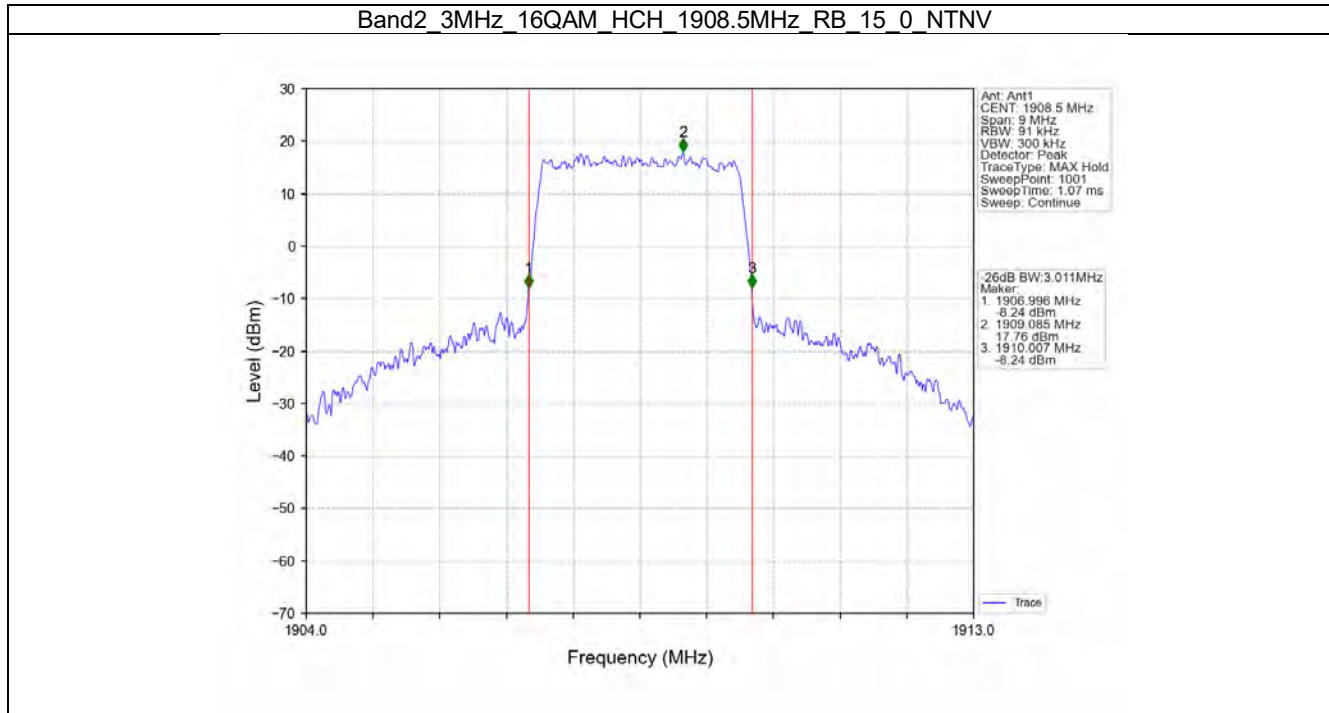
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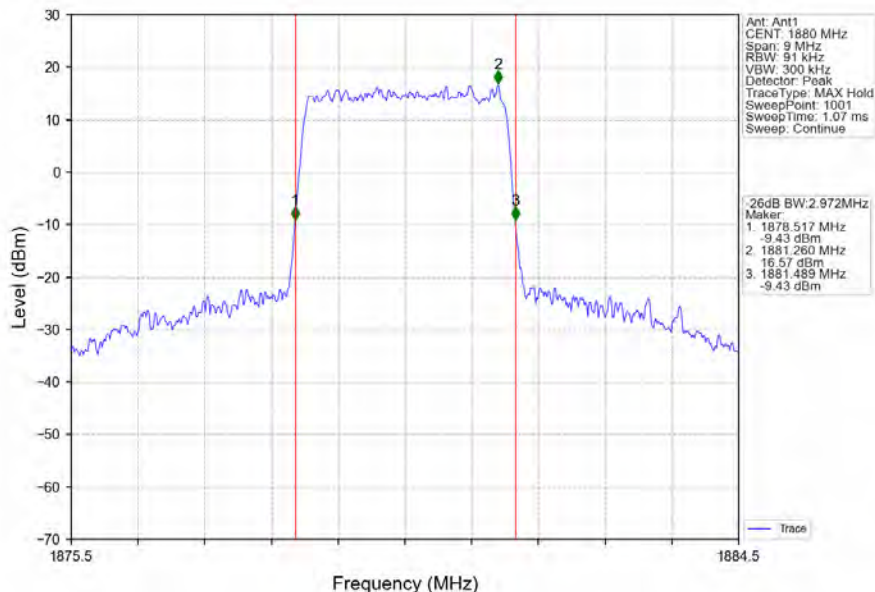
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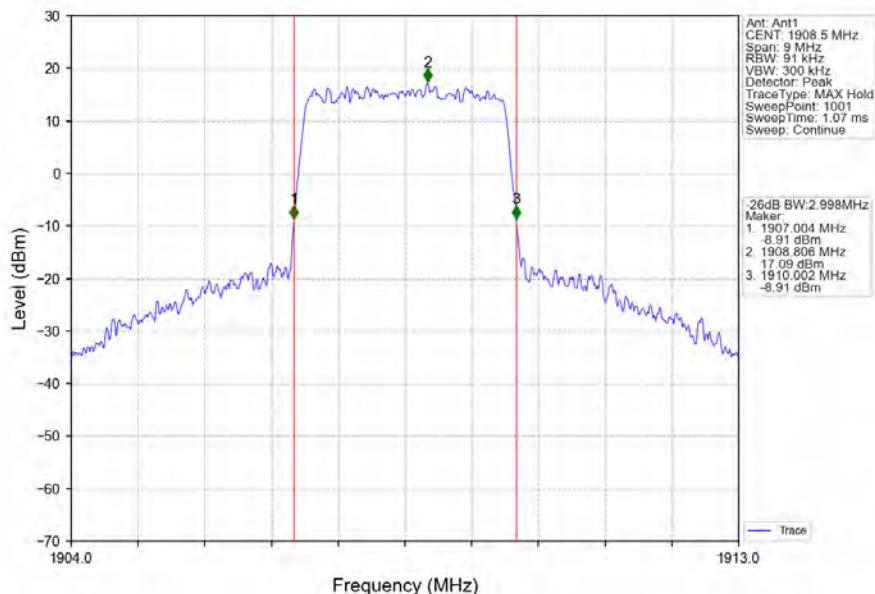
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Band2\_3MHz\_64QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_64QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



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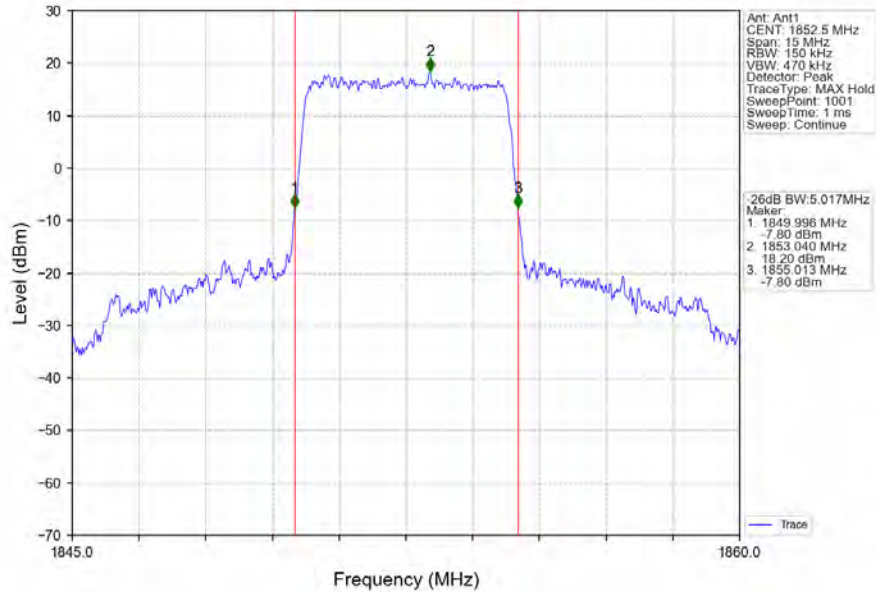
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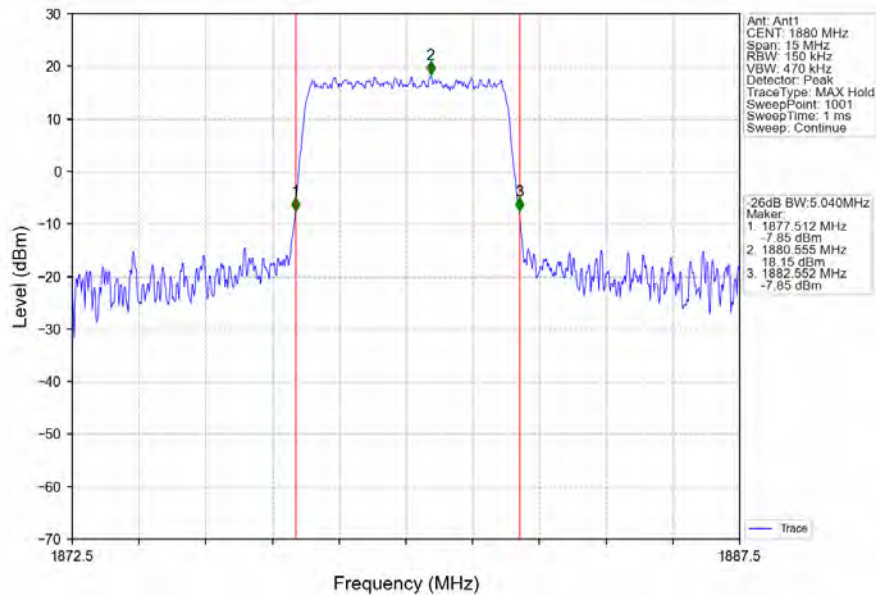
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Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



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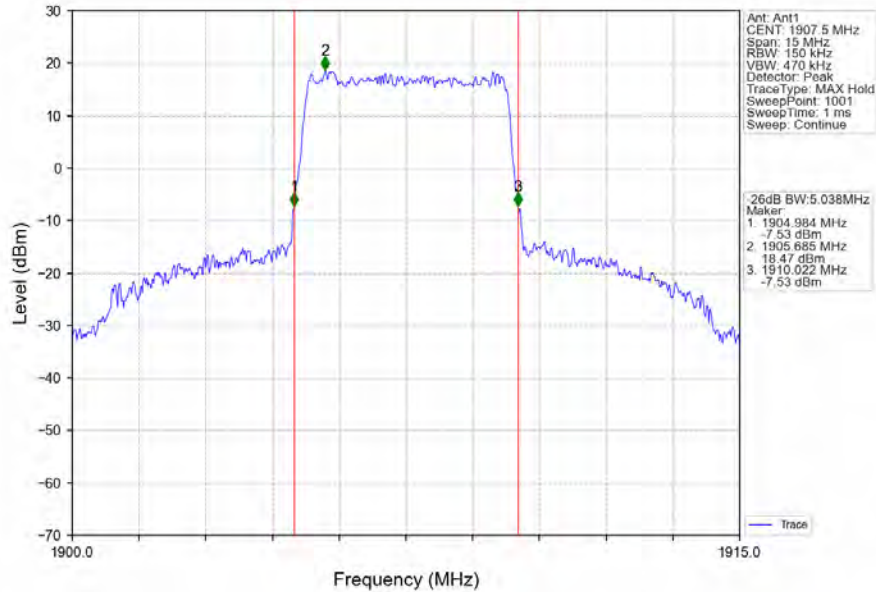
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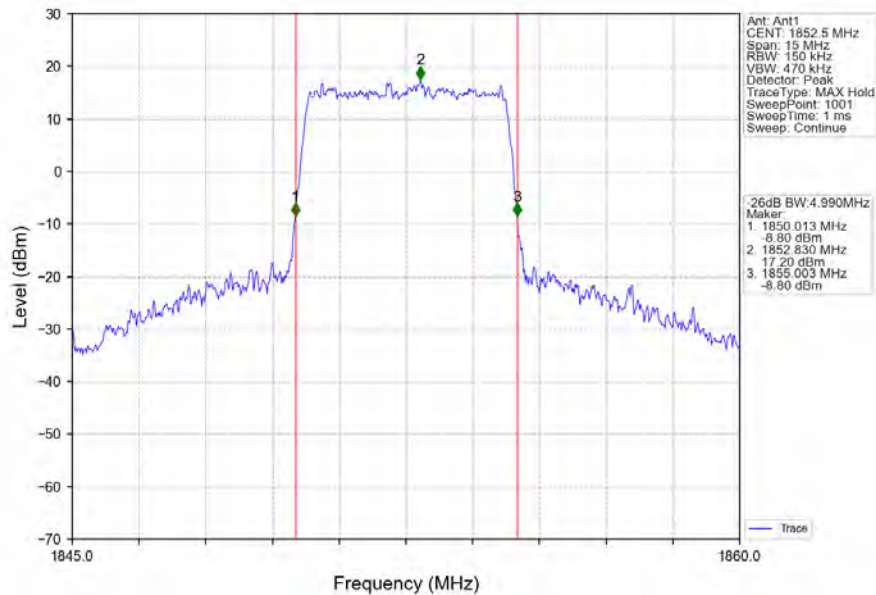
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Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



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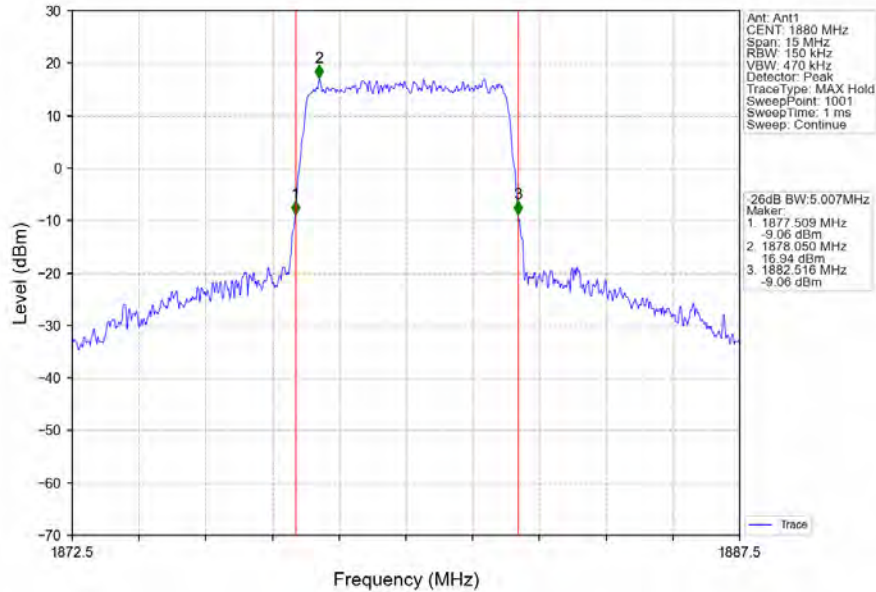
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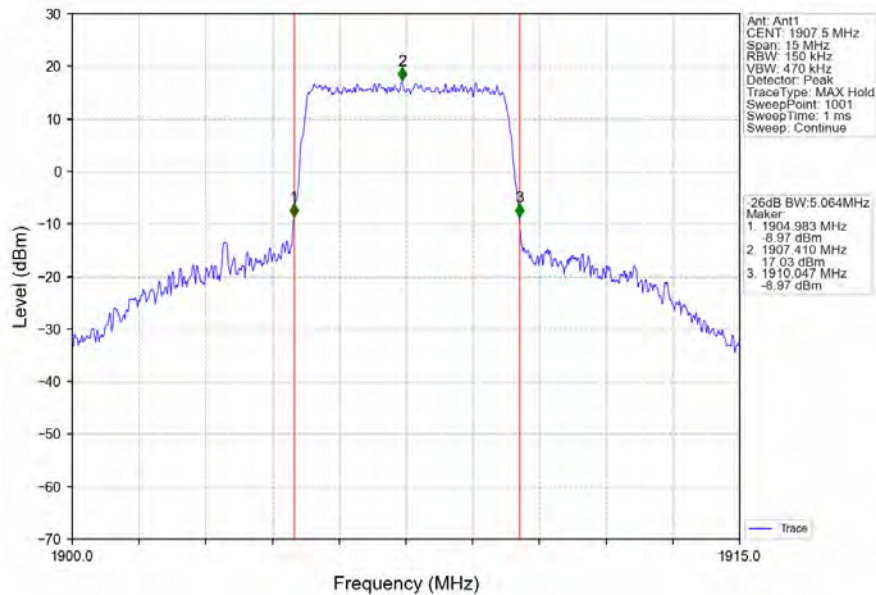
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Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



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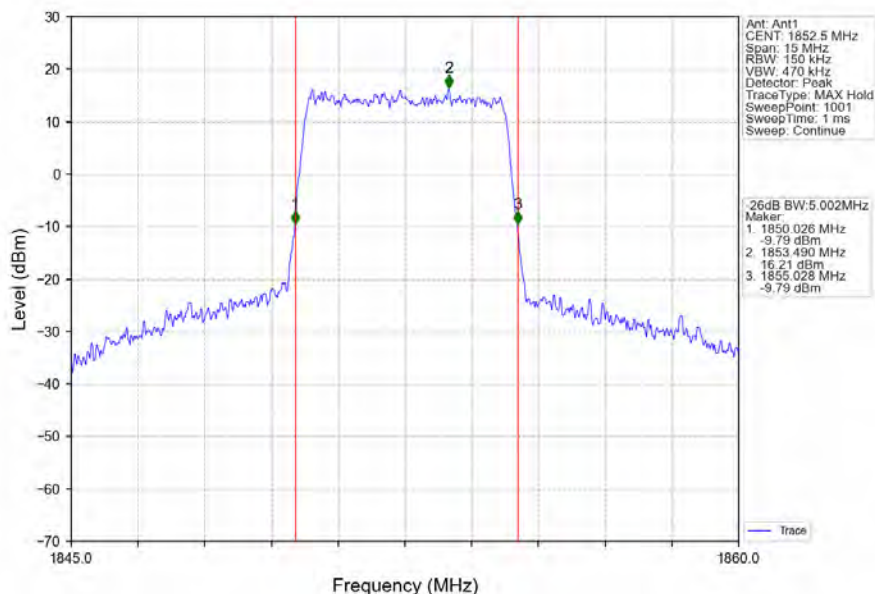
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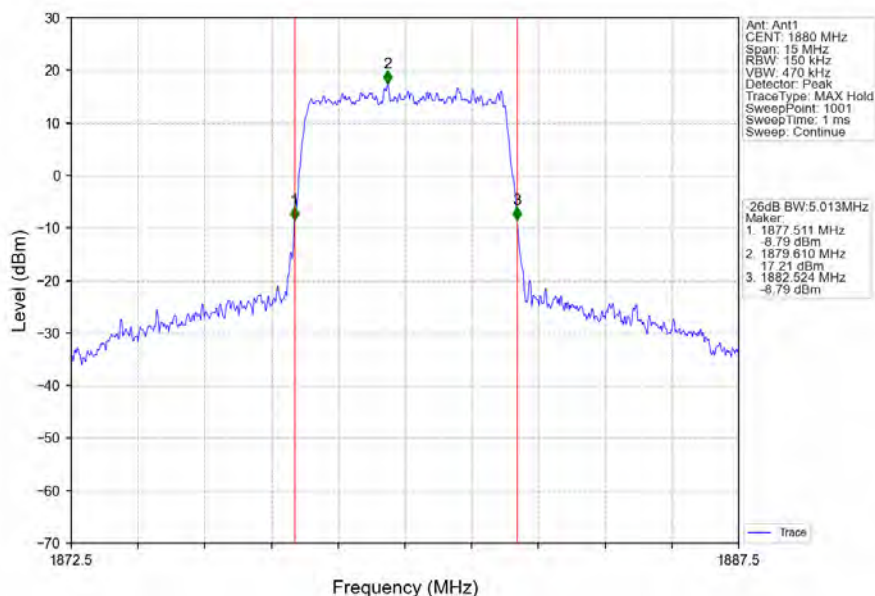
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Band2\_5MHz\_64QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_64QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



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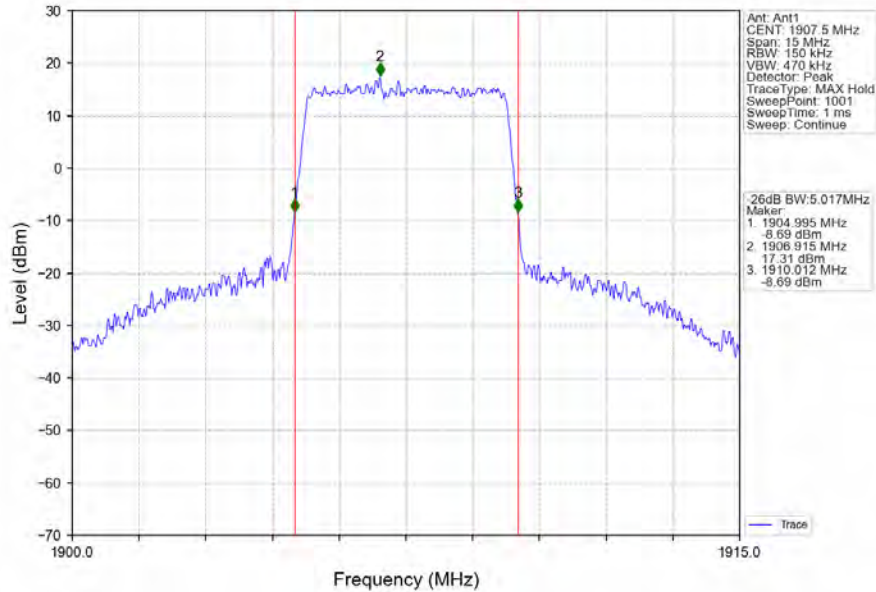




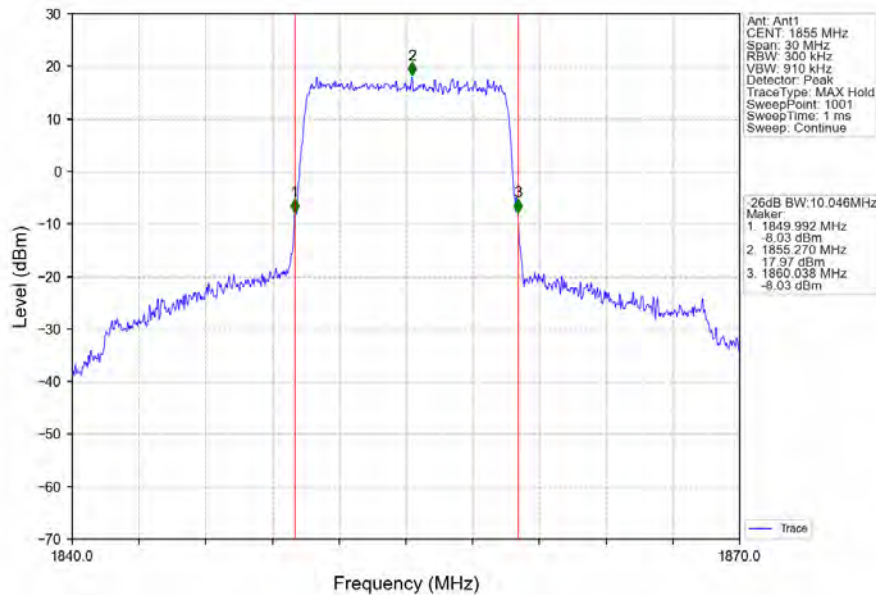
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Band2\_5MHz\_64QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



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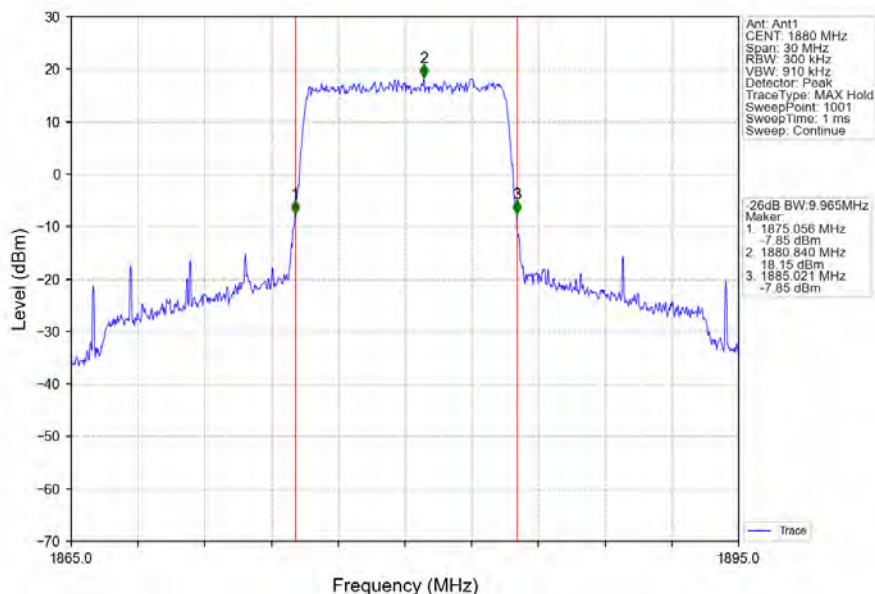
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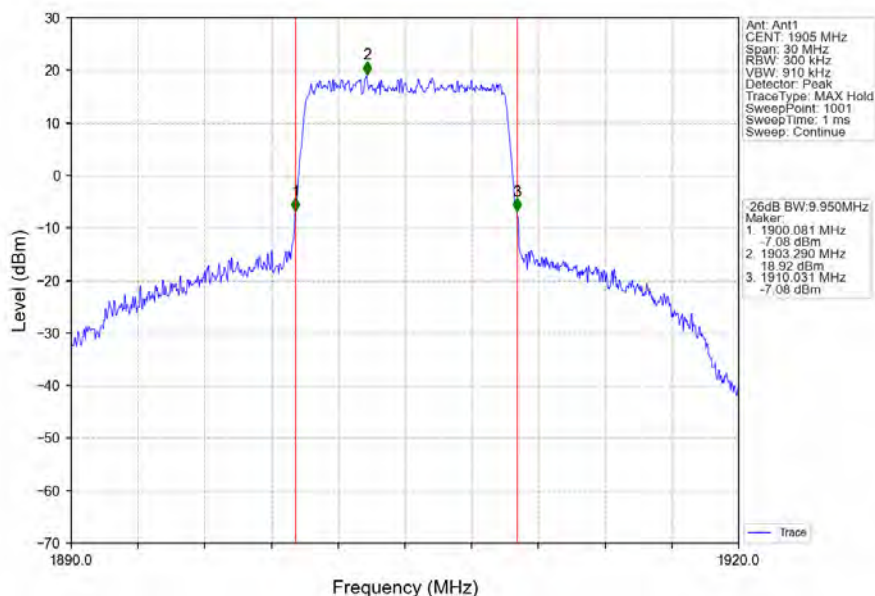
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Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



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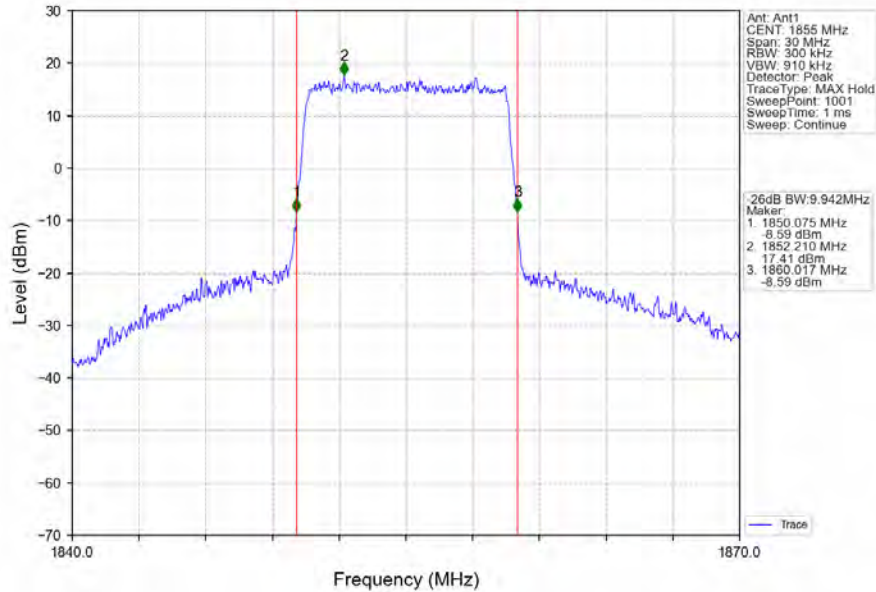
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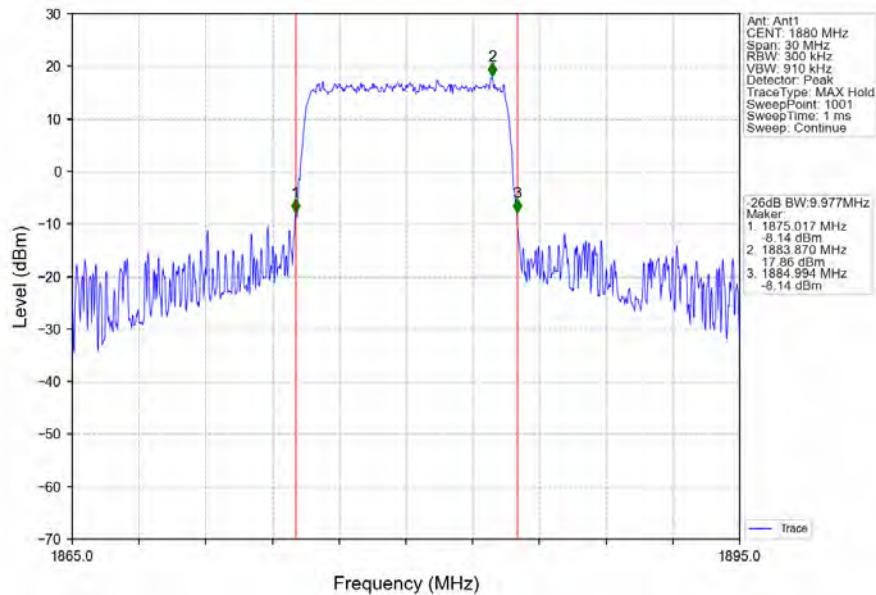
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Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



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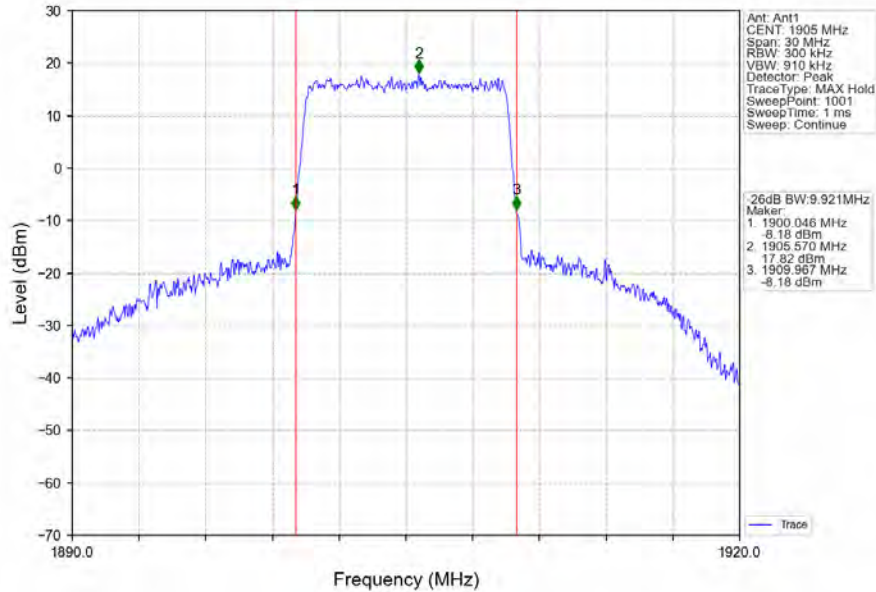
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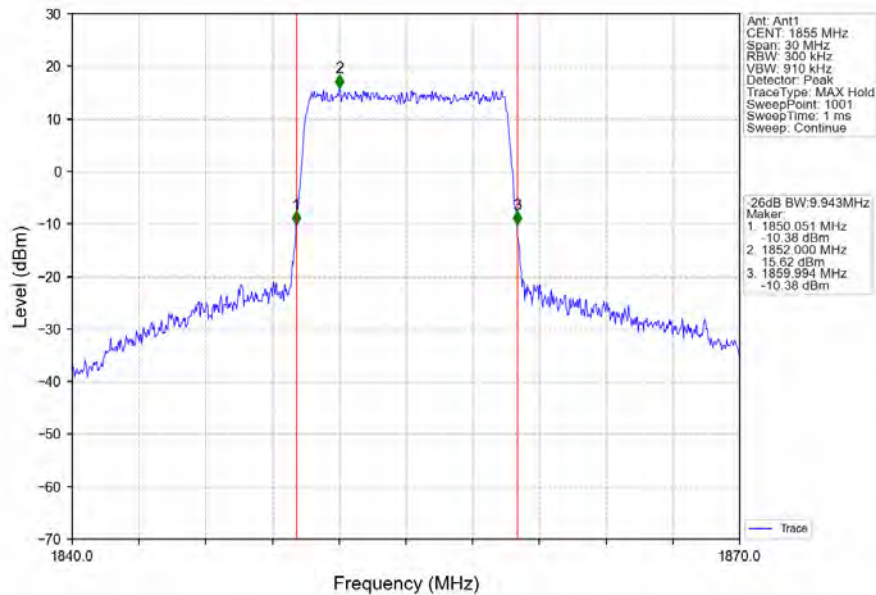
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Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_64QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



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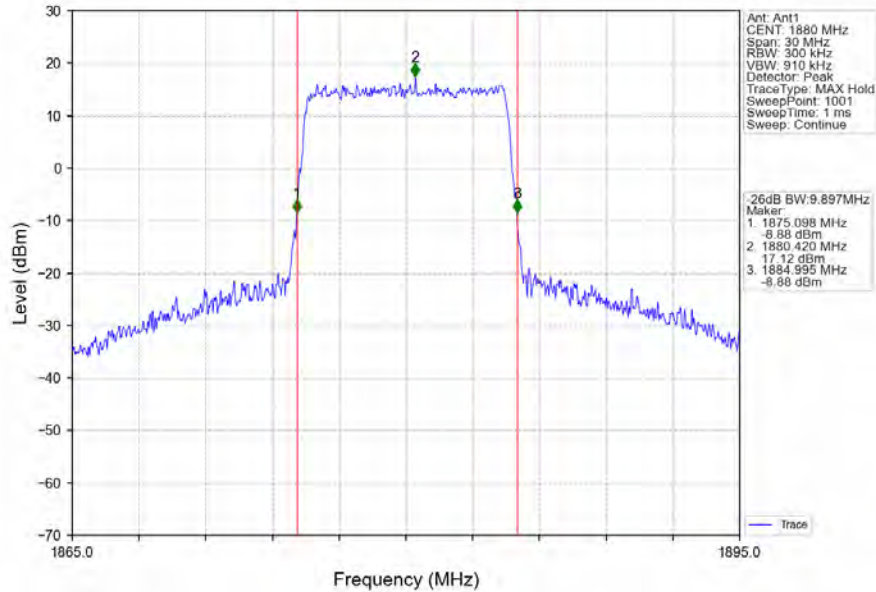
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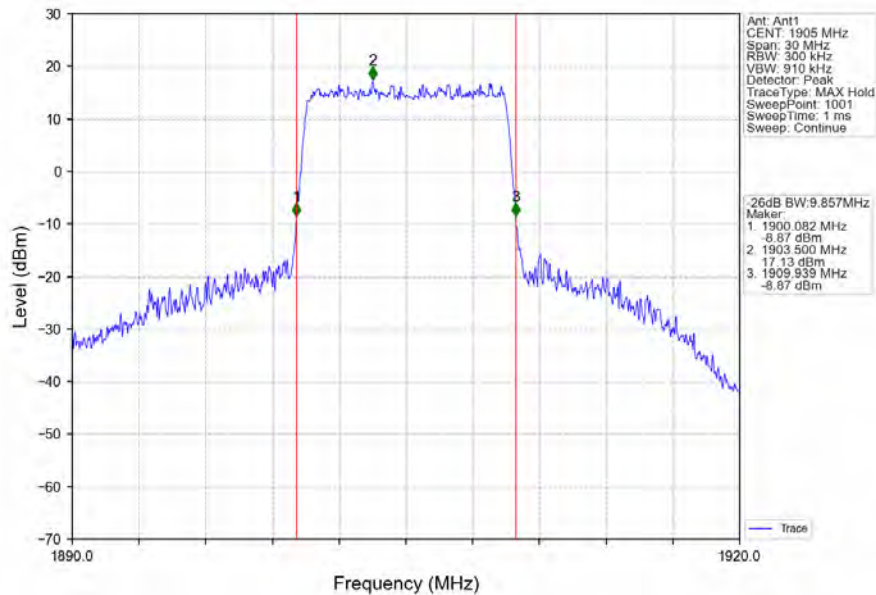
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Band2\_10MHz\_64QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_64QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



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