

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B2\_1.4MHz\_EIRP

### 1.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1850.7	1	0	21.83	0.12	21.95	<=33.01	Pass		
			2	21.94	0.12	22.06	<=33.01	Pass		
			5	21.95	0.12	22.07	<=33.01	Pass		
		3	0	21.95	0.12	22.07	<=33.01	Pass		
			2	21.93	0.12	22.05	<=33.01	Pass		
			3	21.88	0.12	22.00	<=33.01	Pass		
		6	0	20.91	0.12	21.03	<=33.01	Pass		
		1880	1	0	21.59	0.12	21.71	<=33.01	Pass	
				2	21.66	0.12	21.78	<=33.01	Pass	
	5			21.70	0.12	21.82	<=33.01	Pass		
	3		0	21.83	0.12	21.95	<=33.01	Pass		
			2	21.78	0.12	21.90	<=33.01	Pass		
			3	21.80	0.12	21.92	<=33.01	Pass		
	6		0	20.80	0.12	20.92	<=33.01	Pass		
	1909.3		1	0	21.56	0.12	21.68	<=33.01	Pass	
				2	21.64	0.12	21.76	<=33.01	Pass	
		5		21.64	0.12	21.76	<=33.01	Pass		
		3	0	21.60	0.12	21.72	<=33.01	Pass		
			2	21.60	0.12	21.72	<=33.01	Pass		
			3	21.65	0.12	21.77	<=33.01	Pass		
		6	0	20.73	0.12	20.85	<=33.01	Pass		
		16QAM	1850.7	1	0	20.45	0.12	20.57	<=33.01	Pass
					2	20.46	0.12	20.58	<=33.01	Pass
	5				20.47	0.12	20.59	<=33.01	Pass	
3	0			20.75	0.12	20.87	<=33.01	Pass		
	2			20.74	0.12	20.86	<=33.01	Pass		
	3			20.75	0.12	20.87	<=33.01	Pass		
6	0			19.92	0.12	20.04	<=33.01	Pass		
1880	1			0	21.07	0.12	21.19	<=33.01	Pass	
				2	21.04	0.12	21.16	<=33.01	Pass	
			5	21.11	0.12	21.23	<=33.01	Pass		
	3		0	20.89	0.12	21.01	<=33.01	Pass		
			2	20.90	0.12	21.02	<=33.01	Pass		
			3	20.90	0.12	21.02	<=33.01	Pass		
	6		0	19.87	0.12	19.99	<=33.01	Pass		
	1909.3		1	0	20.27	0.12	20.39	<=33.01	Pass	
				2	20.22	0.12	20.34	<=33.01	Pass	
5				20.22	0.12	20.34	<=33.01	Pass		
3			0	20.55	0.12	20.67	<=33.01	Pass		
			2	20.53	0.12	20.65	<=33.01	Pass		
			3	20.50	0.12	20.62	<=33.01	Pass		
6			0	19.71	0.12	19.83	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 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	21.89	0.12	22.01	<=33.01	Pass		
			7	21.95	0.12	22.07	<=33.01	Pass		
			14	21.85	0.12	21.97	<=33.01	Pass		
		8	0	20.84	0.12	20.96	<=33.01	Pass		
			4	20.87	0.12	20.99	<=33.01	Pass		
			7	20.95	0.12	21.07	<=33.01	Pass		
		15	0	20.94	0.12	21.06	<=33.01	Pass		
		1880	1	0	21.59	0.12	21.71	<=33.01	Pass	
				7	21.62	0.12	21.74	<=33.01	Pass	
	14			21.68	0.12	21.80	<=33.01	Pass		
	8		0	20.71	0.12	20.83	<=33.01	Pass		
			4	20.77	0.12	20.89	<=33.01	Pass		
			7	20.73	0.12	20.85	<=33.01	Pass		
	15		0	20.71	0.12	20.83	<=33.01	Pass		
	1908.5		1	0	21.67	0.12	21.79	<=33.01	Pass	
				7	21.63	0.12	21.75	<=33.01	Pass	
		14		21.59	0.12	21.71	<=33.01	Pass		
		8	0	20.75	0.12	20.87	<=33.01	Pass		
			4	20.71	0.12	20.83	<=33.01	Pass		
			7	20.76	0.12	20.88	<=33.01	Pass		
		15	0	20.69	0.12	20.81	<=33.01	Pass		
		16QAM	1851.5	1	0	20.70	0.12	20.82	<=33.01	Pass
					7	20.71	0.12	20.83	<=33.01	Pass
	14				20.71	0.12	20.83	<=33.01	Pass	
8	0			20.13	0.12	20.25	<=33.01	Pass		
	4			20.12	0.12	20.24	<=33.01	Pass		
	7			20.13	0.12	20.25	<=33.01	Pass		
15	0			19.97	0.12	20.09	<=33.01	Pass		
1880	1			0	21.15	0.12	21.27	<=33.01	Pass	
				7	21.16	0.12	21.28	<=33.01	Pass	
			14	21.18	0.12	21.30	<=33.01	Pass		
	8		0	19.85	0.12	19.97	<=33.01	Pass		
			4	19.81	0.12	19.93	<=33.01	Pass		
			7	19.80	0.12	19.92	<=33.01	Pass		
	15		0	19.86	0.12	19.98	<=33.01	Pass		
	1908.5		1	0	20.91	0.12	21.03	<=33.01	Pass	
				7	20.86	0.12	20.98	<=33.01	Pass	
14				20.94	0.12	21.06	<=33.01	Pass		
8			0	20.01	0.12	20.13	<=33.01	Pass		
			4	19.93	0.12	20.05	<=33.01	Pass		
			7	20.00	0.12	20.12	<=33.01	Pass		
15			0	19.84	0.12	19.96	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

### 1.3 B2\_5MHz\_EIRP

#### 1.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTNV
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1852.5	1	0	21.91	0.12	22.03	<=33.01	Pass		
			13	21.75	0.12	21.87	<=33.01	Pass		
			24	21.79	0.12	21.91	<=33.01	Pass		
		12	0	20.88	0.12	21.00	<=33.01	Pass		
			6	21.01	0.12	21.13	<=33.01	Pass		
			13	20.99	0.12	21.11	<=33.01	Pass		
		25	0	20.88	0.12	21.00	<=33.01	Pass		
		1880	1	0	21.84	0.12	21.96	<=33.01	Pass	
				13	21.83	0.12	21.95	<=33.01	Pass	
	24			21.72	0.12	21.84	<=33.01	Pass		
	12		0	20.87	0.12	20.99	<=33.01	Pass		
			6	20.81	0.12	20.93	<=33.01	Pass		
			13	20.78	0.12	20.90	<=33.01	Pass		
	25		0	20.78	0.12	20.90	<=33.01	Pass		
	1907.5		1	0	21.71	0.12	21.83	<=33.01	Pass	
				13	21.58	0.12	21.70	<=33.01	Pass	
		24		21.66	0.12	21.78	<=33.01	Pass		
		12	0	20.63	0.12	20.75	<=33.01	Pass		
			6	20.73	0.12	20.85	<=33.01	Pass		
			13	20.68	0.12	20.80	<=33.01	Pass		
		25	0	20.65	0.12	20.77	<=33.01	Pass		
		16QAM	1852.5	1	0	20.97	0.12	21.09	<=33.01	Pass
					13	20.99	0.12	21.11	<=33.01	Pass
	24				21.03	0.12	21.15	<=33.01	Pass	
12	0			19.93	0.12	20.05	<=33.01	Pass		
	6			20.01	0.12	20.13	<=33.01	Pass		
	13			20.03	0.12	20.15	<=33.01	Pass		
25	0			20.06	0.12	20.18	<=33.01	Pass		
1880	1			0	20.84	0.12	20.96	<=33.01	Pass	
				13	20.79	0.12	20.91	<=33.01	Pass	
			24	20.64	0.12	20.76	<=33.01	Pass		
	12		0	19.89	0.12	20.01	<=33.01	Pass		
			6	19.90	0.12	20.02	<=33.01	Pass		
			13	19.92	0.12	20.04	<=33.01	Pass		
	25		0	19.95	0.12	20.07	<=33.01	Pass		
	1907.5		1	0	20.01	0.12	20.13	<=33.01	Pass	
				13	19.83	0.12	19.95	<=33.01	Pass	
24				19.91	0.12	20.03	<=33.01	Pass		
12			0	19.76	0.12	19.88	<=33.01	Pass		
			6	19.73	0.12	19.85	<=33.01	Pass		
			13	19.82	0.12	19.94	<=33.01	Pass		
25			0	19.86	0.12	19.98	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.4 B2\_10MHz\_EIRP

### 1.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	21.97	0.12	22.09	<=33.01	Pass
			25	21.85	0.12	21.97	<=33.01	Pass

		25	49	22.00	0.12	22.12	<=33.01	Pass	
			0	20.92	0.12	21.04	<=33.01	Pass	
			13	21.02	0.12	21.14	<=33.01	Pass	
			25	20.94	0.12	21.06	<=33.01	Pass	
		50	0	20.88	0.12	21.00	<=33.01	Pass	
			1	0	21.82	0.12	21.94	<=33.01	Pass
				25	21.70	0.12	21.82	<=33.01	Pass
		49		21.81	0.12	21.93	<=33.01	Pass	
		1880	25	0	20.93	0.12	21.05	<=33.01	Pass
	13			20.91	0.12	21.03	<=33.01	Pass	
	25			20.80	0.12	20.92	<=33.01	Pass	
	50	0	20.90	0.12	21.02	<=33.01	Pass		
		1	0	21.83	0.12	21.95	<=33.01	Pass	
			25	21.79	0.12	21.91	<=33.01	Pass	
	49		21.81	0.12	21.93	<=33.01	Pass		
	1905	25	0	20.82	0.12	20.94	<=33.01	Pass	
			13	20.88	0.12	21.00	<=33.01	Pass	
			25	20.72	0.12	20.84	<=33.01	Pass	
		50	0	20.81	0.12	20.93	<=33.01	Pass	
			1	0	20.49	0.12	20.61	<=33.01	Pass
				25	20.38	0.12	20.50	<=33.01	Pass
		49		20.53	0.12	20.65	<=33.01	Pass	
		1855	25	0	20.14	0.12	20.26	<=33.01	Pass
				13	20.09	0.12	20.21	<=33.01	Pass
	25			20.08	0.12	20.20	<=33.01	Pass	
	50	0	19.98	0.12	20.10	<=33.01	Pass		
		1	0	21.37	0.12	21.49	<=33.01	Pass	
25			21.37	0.12	21.49	<=33.01	Pass		
49	21.49		0.12	21.61	<=33.01	Pass			
16QAM	1880	25	0	19.93	0.12	20.05	<=33.01	Pass	
			13	19.98	0.12	20.10	<=33.01	Pass	
			25	19.94	0.12	20.06	<=33.01	Pass	
	50	0	19.99	0.12	20.11	<=33.01	Pass		
		1	0	21.23	0.12	21.35	<=33.01	Pass	
			25	21.21	0.12	21.33	<=33.01	Pass	
	49		21.03	0.12	21.15	<=33.01	Pass		
	1905	25	0	19.88	0.12	20.00	<=33.01	Pass	
			13	19.91	0.12	20.03	<=33.01	Pass	
25			19.81	0.12	19.93	<=33.01	Pass		
50	0	19.93	0.12	20.05	<=33.01	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

## 1.5 B2\_15MHz\_EIRP

### 1.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	21.85	0.12	21.97	<=33.01	Pass
			38	21.88	0.12	22.00	<=33.01	Pass
			74	22.00	0.12	22.12	<=33.01	Pass
		36	0	21.01	0.12	21.13	<=33.01	Pass
			18	20.94	0.12	21.06	<=33.01	Pass
			39	21.00	0.12	21.12	<=33.01	Pass

16QAM	1880	75	0	20.93	0.12	21.05	<=33.01	Pass	
			1	0	21.80	0.12	21.92	<=33.01	Pass
				38	21.68	0.12	21.80	<=33.01	Pass
		74		21.87	0.12	21.99	<=33.01	Pass	
		36	0	20.81	0.12	20.93	<=33.01	Pass	
			18	20.82	0.12	20.94	<=33.01	Pass	
			39	20.85	0.12	20.97	<=33.01	Pass	
		75	0	20.75	0.12	20.87	<=33.01	Pass	
			1	0	21.99	0.12	22.11	<=33.01	Pass
				38	21.74	0.12	21.86	<=33.01	Pass
		74		21.74	0.12	21.86	<=33.01	Pass	
		36	0	20.95	0.12	21.07	<=33.01	Pass	
	18		20.86	0.12	20.98	<=33.01	Pass		
	39		20.87	0.12	20.99	<=33.01	Pass		
	75	0	20.86	0.12	20.98	<=33.01	Pass		
		1	0	21.13	0.12	21.25	<=33.01	Pass	
			38	20.97	0.12	21.09	<=33.01	Pass	
	74		21.09	0.12	21.21	<=33.01	Pass		
	36	0	20.02	0.12	20.14	<=33.01	Pass		
		18	20.02	0.12	20.14	<=33.01	Pass		
		39	19.93	0.12	20.05	<=33.01	Pass		
	75	0	19.88	0.12	20.00	<=33.01	Pass		
		1	0	21.40	0.12	21.52	<=33.01	Pass	
			38	21.37	0.12	21.49	<=33.01	Pass	
74	21.54		0.12	21.66	<=33.01	Pass			
36	0	19.85	0.12	19.97	<=33.01	Pass			
	18	19.97	0.12	20.09	<=33.01	Pass			
	39	19.84	0.12	19.96	<=33.01	Pass			
75	0	19.95	0.12	20.07	<=33.01	Pass			
	1	0	21.44	0.12	21.56	<=33.01	Pass		
		38	21.22	0.12	21.34	<=33.01	Pass		
74		21.27	0.12	21.39	<=33.01	Pass			
36	0	19.99	0.12	20.11	<=33.01	Pass			
	18	19.86	0.12	19.98	<=33.01	Pass			
	39	19.89	0.12	20.01	<=33.01	Pass			
75	0	19.92	0.12	20.04	<=33.01	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

## 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	21.96	0.12	22.08	<=33.01	Pass	
			50	22.00	0.12	22.12	<=33.01	Pass	
			99	22.12	0.12	22.24	<=33.01	Pass	
		50	0	20.93	0.12	21.05	<=33.01	Pass	
			25	21.00	0.12	21.12	<=33.01	Pass	
			50	20.97	0.12	21.09	<=33.01	Pass	
	1880	100	0	20.99	0.12	21.11	<=33.01	Pass	
			1	0	21.98	0.12	22.10	<=33.01	Pass
				50	21.80	0.12	21.92	<=33.01	Pass
		99		21.94	0.12	22.06	<=33.01	Pass	

		50	0	20.82	0.12	20.94	<=33.01	Pass		
			25	20.82	0.12	20.94	<=33.01	Pass		
			50	20.77	0.12	20.89	<=33.01	Pass		
		100	0	20.73	0.12	20.85	<=33.01	Pass		
			1	0	21.82	0.12	21.94	<=33.01	Pass	
				50	21.98	0.12	22.10	<=33.01	Pass	
	99	21.73		0.12	21.85	<=33.01	Pass			
	1900	50	0	20.86	0.12	20.98	<=33.01	Pass		
			25	20.91	0.12	21.03	<=33.01	Pass		
			50	20.87	0.12	20.99	<=33.01	Pass		
		100	0	20.87	0.12	20.99	<=33.01	Pass		
			1860	1	0	21.61	0.12	21.73	<=33.01	Pass
50					21.66	0.12	21.78	<=33.01	Pass	
99	21.51	0.12			21.63	<=33.01	Pass			
16QAM	1860	50	0	19.98	0.12	20.10	<=33.01	Pass		
			25	19.99	0.12	20.11	<=33.01	Pass		
			50	20.04	0.12	20.16	<=33.01	Pass		
		100	0	20.07	0.12	20.19	<=33.01	Pass		
			1880	1	0	20.67	0.12	20.79	<=33.01	Pass
					50	20.61	0.12	20.73	<=33.01	Pass
	99	20.64			0.12	20.76	<=33.01	Pass		
	1900	50	0	19.81	0.12	19.93	<=33.01	Pass		
			25	19.78	0.12	19.90	<=33.01	Pass		
			50	19.82	0.12	19.94	<=33.01	Pass		
		100	0	19.84	0.12	19.96	<=33.01	Pass		
			1	0	20.85	0.12	20.97	<=33.01	Pass	
50				20.92	0.12	21.04	<=33.01	Pass		
1900	50	99		20.69	0.12	20.81	<=33.01	Pass		
		0	20.09	0.12	20.21	<=33.01	Pass			
		25	20.04	0.12	20.16	<=33.01	Pass			
	100	50	19.90	0.12	20.02	<=33.01	Pass			
		0	19.96	0.12	20.08	<=33.01	Pass			
		0	19.96	0.12	20.08	<=33.01	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

## 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	3.27	-9.913	-0.0054	-2.5 to 2.5	Pass	
					3.85	26.250	0.0142	-2.5 to 2.5	Pass	
					4.43	28.210	0.0152	-2.5 to 2.5	Pass	
				-30	3.85	27.595	0.0149	-2.5 to 2.5	Pass	
					-20	3.85	27.866	0.0151	-2.5 to 2.5	Pass
						3.85	-26.536	-0.0143	-2.5 to 2.5	Pass
				0	3.85	4.764	0.0026	-2.5 to 2.5	Pass	
					10	3.85	1.459	0.0008	-2.5 to 2.5	Pass
					30	3.85	4.206	0.0023	-2.5 to 2.5	Pass
				40	3.85	3.905	0.0021	-2.5 to 2.5	Pass	
					50	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass

	1880	6	0	20	3.27	14.706	0.0078	-2.5 to 2.5	Pass
					3.85	4.306	0.0023	-2.5 to 2.5	Pass
					4.43	-1.745	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-6.967	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-11.659	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-35.119	-0.0187	-2.5 to 2.5	Pass
				0	3.85	3.247	0.0017	-2.5 to 2.5	Pass
				10	3.85	-26.493	-0.0141	-2.5 to 2.5	Pass
				30	3.85	-44.689	-0.0238	-2.5 to 2.5	Pass
	40	3.85	-14.920	-0.0079	-2.5 to 2.5	Pass			
	50	3.85	-16.909	-0.0090	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	-6.223	-0.0033	-2.5 to 2.5	Pass
					3.85	-23.561	-0.0123	-2.5 to 2.5	Pass
					4.43	-35.076	-0.0184	-2.5 to 2.5	Pass
				-30	3.85	-25.005	-0.0131	-2.5 to 2.5	Pass
				-20	3.85	-45.204	-0.0237	-2.5 to 2.5	Pass
				-10	3.85	2.646	0.0014	-2.5 to 2.5	Pass
				0	3.85	-10.414	-0.0055	-2.5 to 2.5	Pass
10				3.85	-4.835	-0.0025	-2.5 to 2.5	Pass	
30				3.85	-21.601	-0.0113	-2.5 to 2.5	Pass	
40	3.85	-39.654	-0.0208	-2.5 to 2.5	Pass				
50	3.85	9.398	0.0049	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	0.072	0.0000	-2.5 to 2.5	Pass
					3.85	2.933	0.0016	-2.5 to 2.5	Pass
					4.43	5.708	0.0031	-2.5 to 2.5	Pass
				-30	3.85	32.973	0.0178	-2.5 to 2.5	Pass
				-20	3.85	36.993	0.0200	-2.5 to 2.5	Pass
				-10	3.85	38.323	0.0207	-2.5 to 2.5	Pass
				0	3.85	37.451	0.0202	-2.5 to 2.5	Pass
				10	3.85	44.489	0.0240	-2.5 to 2.5	Pass
				30	3.85	0.014	0.0000	-2.5 to 2.5	Pass
	40	3.85	0.086	0.0000	-2.5 to 2.5	Pass			
	50	3.85	2.804	0.0015	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	-16.680	-0.0089	-2.5 to 2.5	Pass
					3.85	32.086	0.0171	-2.5 to 2.5	Pass
					4.43	-18.425	-0.0098	-2.5 to 2.5	Pass
				-30	3.85	14.019	0.0075	-2.5 to 2.5	Pass
				-20	3.85	10.185	0.0054	-2.5 to 2.5	Pass
				-10	3.85	14.319	0.0076	-2.5 to 2.5	Pass
				0	3.85	16.522	0.0088	-2.5 to 2.5	Pass
10				3.85	22.774	0.0121	-2.5 to 2.5	Pass	
30				3.85	26.422	0.0141	-2.5 to 2.5	Pass	
40	3.85	30.856	0.0164	-2.5 to 2.5	Pass				
50	3.85	18.454	0.0098	-2.5 to 2.5	Pass				
1909.3	6	0	20	3.27	-0.844	-0.0004	-2.5 to 2.5	Pass	
				3.85	-14.062	-0.0074	-2.5 to 2.5	Pass	
				4.43	-17.681	-0.0093	-2.5 to 2.5	Pass	
			-30	3.85	-22.874	-0.0120	-2.5 to 2.5	Pass	
			-20	3.85	-29.583	-0.0155	-2.5 to 2.5	Pass	
			-10	3.85	-33.703	-0.0177	-2.5 to 2.5	Pass	
			0	3.85	-6.466	-0.0034	-2.5 to 2.5	Pass	
			10	3.85	32.616	0.0171	-2.5 to 2.5	Pass	
			30	3.85	25.606	0.0134	-2.5 to 2.5	Pass	
40	3.85	19.698	0.0103	-2.5 to 2.5	Pass				
50	3.85	17.323	0.0091	-2.5 to 2.5	Pass				

## 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	3.27	8.097	0.0044	-2.5 to 2.5	Pass
					3.85	16.594	0.0090	-2.5 to 2.5	Pass
					4.43	18.210	0.0098	-2.5 to 2.5	Pass
				-30	3.85	12.832	0.0069	-2.5 to 2.5	Pass
				-20	3.85	8.998	0.0049	-2.5 to 2.5	Pass
				-10	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				0	3.85	20.299	0.0110	-2.5 to 2.5	Pass
				10	3.85	7.768	0.0042	-2.5 to 2.5	Pass
				30	3.85	-6.309	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-10.700	-0.0058	-2.5 to 2.5	Pass
	50	3.85	-14.691	-0.0079	-2.5 to 2.5	Pass			
	1880	15	0	20	3.27	-0.472	-0.0003	-2.5 to 2.5	Pass
					3.85	-4.020	-0.0021	-2.5 to 2.5	Pass
					4.43	-12.617	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-20.571	-0.0109	-2.5 to 2.5	Pass
				-20	3.85	-28.024	-0.0149	-2.5 to 2.5	Pass
				-10	3.85	-36.836	-0.0196	-2.5 to 2.5	Pass
				0	3.85	-27.752	-0.0148	-2.5 to 2.5	Pass
				10	3.85	-10.858	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-41.142	-0.0219	-2.5 to 2.5	Pass
				40	3.85	-13.762	-0.0073	-2.5 to 2.5	Pass
	50	3.85	-22.101	-0.0118	-2.5 to 2.5	Pass			
	1908.5	15	0	20	3.27	6.981	0.0037	-2.5 to 2.5	Pass
					3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
					4.43	-22.101	-0.0116	-2.5 to 2.5	Pass
				-30	3.85	-34.204	-0.0179	-2.5 to 2.5	Pass
				-20	3.85	-6.294	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-30.642	-0.0161	-2.5 to 2.5	Pass
				0	3.85	-4.306	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-18.954	-0.0099	-2.5 to 2.5	Pass
30				3.85	-28.281	-0.0148	-2.5 to 2.5	Pass	
40				3.85	-35.419	-0.0186	-2.5 to 2.5	Pass	
50	3.85	-43.345	-0.0227	-2.5 to 2.5	Pass				
16QAM	1851.5	15	0	20	3.27	-18.039	-0.0097	-2.5 to 2.5	Pass
					3.85	-18.053	-0.0098	-2.5 to 2.5	Pass
					4.43	-17.581	-0.0095	-2.5 to 2.5	Pass
				-30	3.85	-18.168	-0.0098	-2.5 to 2.5	Pass
				-20	3.85	-19.712	-0.0106	-2.5 to 2.5	Pass
				-10	3.85	-20.156	-0.0109	-2.5 to 2.5	Pass
				0	3.85	-21.958	-0.0119	-2.5 to 2.5	Pass
				10	3.85	12.589	0.0068	-2.5 to 2.5	Pass
				30	3.85	-10.457	-0.0056	-2.5 to 2.5	Pass
				40	3.85	32.558	0.0176	-2.5 to 2.5	Pass
	50	3.85	31.872	0.0172	-2.5 to 2.5	Pass			
	1880	15	0	20	3.27	-30.341	-0.0161	-2.5 to 2.5	Pass
					3.85	-14.892	-0.0079	-2.5 to 2.5	Pass
					4.43	6.309	0.0034	-2.5 to 2.5	Pass
-30				3.85	23.131	0.0123	-2.5 to 2.5	Pass	
-20	3.85	41.127	0.0219	-2.5 to 2.5	Pass				



				-10	3.85	19.884	0.0106	-2.5 to 2.5	Pass
				0	3.85	32.158	0.0171	-2.5 to 2.5	Pass
				10	3.85	3.648	0.0019	-2.5 to 2.5	Pass
				30	3.85	11.287	0.0060	-2.5 to 2.5	Pass
				40	3.85	15.349	0.0082	-2.5 to 2.5	Pass
				50	3.85	21.787	0.0116	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-2.546	-0.0013	-2.5 to 2.5	Pass
					3.85	-6.266	-0.0033	-2.5 to 2.5	Pass
					4.43	-9.027	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	17.080	0.0089	-2.5 to 2.5	Pass
				-20	3.85	8.812	0.0046	-2.5 to 2.5	Pass
				-10	3.85	2.575	0.0013	-2.5 to 2.5	Pass
				0	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				10	3.85	-11.845	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-31.157	-0.0163	-2.5 to 2.5	Pass
				40	3.85	-34.876	-0.0183	-2.5 to 2.5	Pass
				50	3.85	-38.395	-0.0201	-2.5 to 2.5	Pass

## 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	3.27	8.440	0.0046	-2.5 to 2.5	Pass
					3.85	19.612	0.0106	-2.5 to 2.5	Pass
					4.43	15.607	0.0084	-2.5 to 2.5	Pass
				-30	3.85	4.964	0.0027	-2.5 to 2.5	Pass
				-20	3.85	-4.406	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	18.625	0.0101	-2.5 to 2.5	Pass
				0	3.85	4.134	0.0022	-2.5 to 2.5	Pass
				10	3.85	-5.150	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-22.030	-0.0119	-2.5 to 2.5	Pass
				40	3.85	-27.852	-0.0150	-2.5 to 2.5	Pass
				50	3.85	-32.616	-0.0176	-2.5 to 2.5	Pass
				1880	25	0	20	3.27	-35.491
	3.85	-43.387	-0.0231					-2.5 to 2.5	Pass
	4.43	3.691	0.0020					-2.5 to 2.5	Pass
	-30	3.85	1.130				0.0006	-2.5 to 2.5	Pass
	-20	3.85	-3.233				-0.0017	-2.5 to 2.5	Pass
	-10	3.85	-5.050				-0.0027	-2.5 to 2.5	Pass
	0	3.85	-6.752				-0.0036	-2.5 to 2.5	Pass
	10	3.85	-11.573				-0.0062	-2.5 to 2.5	Pass
	30	3.85	-15.979				-0.0085	-2.5 to 2.5	Pass
	40	3.85	10.271				0.0055	-2.5 to 2.5	Pass
	50	3.85	-5.078				-0.0027	-2.5 to 2.5	Pass
	1907.5	25	0				20	3.27	1.888
				3.85	-13.919	-0.0073		-2.5 to 2.5	Pass
				4.43	-22.230	-0.0117		-2.5 to 2.5	Pass
				-30	3.85	-35.877	-0.0188	-2.5 to 2.5	Pass
				-20	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-16.279	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-30.427	-0.0160	-2.5 to 2.5	Pass
				10	3.85	11.845	0.0062	-2.5 to 2.5	Pass

				30	3.85	5.021	0.0026	-2.5 to 2.5	Pass
				40	3.85	-8.769	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-23.832	-0.0125	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-32.930	-0.0178	-2.5 to 2.5	Pass
					3.85	-33.646	-0.0182	-2.5 to 2.5	Pass
					4.43	-35.620	-0.0192	-2.5 to 2.5	Pass
				-30	3.85	-34.533	-0.0186	-2.5 to 2.5	Pass
				-20	3.85	10.028	0.0054	-2.5 to 2.5	Pass
				-10	3.85	8.855	0.0048	-2.5 to 2.5	Pass
				0	3.85	10.228	0.0055	-2.5 to 2.5	Pass
				10	3.85	12.302	0.0066	-2.5 to 2.5	Pass
				30	3.85	14.420	0.0078	-2.5 to 2.5	Pass
				40	3.85	14.462	0.0078	-2.5 to 2.5	Pass
	50	3.85	13.504	0.0073	-2.5 to 2.5	Pass			
	1880	25	0	20	3.27	-6.609	-0.0035	-2.5 to 2.5	Pass
					3.85	-6.108	-0.0032	-2.5 to 2.5	Pass
					4.43	-6.223	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-3.376	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-2.718	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-3.276	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-4.005	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-4.921	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-5.479	-0.0029	-2.5 to 2.5	Pass
				40	3.85	28.052	0.0149	-2.5 to 2.5	Pass
	50	3.85	22.888	0.0122	-2.5 to 2.5	Pass			
	1907.5	25	0	20	3.27	-21.443	-0.0112	-2.5 to 2.5	Pass
					3.85	-25.907	-0.0136	-2.5 to 2.5	Pass
					4.43	-29.855	-0.0157	-2.5 to 2.5	Pass
				-30	3.85	-31.300	-0.0164	-2.5 to 2.5	Pass
				-20	3.85	-32.644	-0.0171	-2.5 to 2.5	Pass
				-10	3.85	-5.565	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-15.306	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-15.149	-0.0079	-2.5 to 2.5	Pass
30				3.85	-18.568	-0.0097	-2.5 to 2.5	Pass	
40				3.85	-20.714	-0.0109	-2.5 to 2.5	Pass	
50	3.85	-23.203	-0.0122	-2.5 to 2.5	Pass				

## 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	3.27	14.105	0.0076	-2.5 to 2.5	Pass
					3.85	13.032	0.0070	-2.5 to 2.5	Pass
					4.43	-0.458	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-16.665	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-34.733	-0.0187	-2.5 to 2.5	Pass
				-10	3.85	-10.829	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-22.860	-0.0123	-2.5 to 2.5	Pass
				10	3.85	25.921	0.0140	-2.5 to 2.5	Pass
				30	3.85	5.536	0.0030	-2.5 to 2.5	Pass
				40	3.85	0.672	0.0004	-2.5 to 2.5	Pass
50	3.85	-8.626	-0.0047	-2.5 to 2.5	Pass				

	1880	50	0	20	3.27	-5.465	-0.0029	-2.5 to 2.5	Pass
					3.85	-9.456	-0.0050	-2.5 to 2.5	Pass
					4.43	-10.901	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-18.740	-0.0100	-2.5 to 2.5	Pass
				-20	3.85	-21.687	-0.0115	-2.5 to 2.5	Pass
				-10	3.85	-25.907	-0.0138	-2.5 to 2.5	Pass
				0	3.85	-16.437	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-28.296	-0.0151	-2.5 to 2.5	Pass
				30	3.85	-33.274	-0.0177	-2.5 to 2.5	Pass
	40	3.85	-40.684	-0.0216	-2.5 to 2.5	Pass			
	50	3.85	-44.403	-0.0236	-2.5 to 2.5	Pass			
	1905	50	0	20	3.27	-9.413	-0.0049	-2.5 to 2.5	Pass
					3.85	-11.888	-0.0062	-2.5 to 2.5	Pass
					4.43	-25.678	-0.0135	-2.5 to 2.5	Pass
				-30	3.85	-41.571	-0.0218	-2.5 to 2.5	Pass
				-20	3.85	-53.844	-0.0283	-2.5 to 2.5	Pass
				-10	3.85	-13.590	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-23.990	-0.0126	-2.5 to 2.5	Pass
10				3.85	-32.172	-0.0169	-2.5 to 2.5	Pass	
30				3.85	-6.123	-0.0032	-2.5 to 2.5	Pass	
40	3.85	13.533	0.0071	-2.5 to 2.5	Pass				
50	3.85	0.672	0.0004	-2.5 to 2.5	Pass				
16QAM	1855	50	0	20	3.27	-35.505	-0.0191	-2.5 to 2.5	Pass
					3.85	-41.370	-0.0223	-2.5 to 2.5	Pass
					4.43	-43.530	-0.0235	-2.5 to 2.5	Pass
				-30	3.85	4.306	0.0023	-2.5 to 2.5	Pass
				-20	3.85	-7.267	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	38.037	0.0205	-2.5 to 2.5	Pass
				0	3.85	37.122	0.0200	-2.5 to 2.5	Pass
				10	3.85	43.859	0.0236	-2.5 to 2.5	Pass
				30	3.85	49.467	0.0267	-2.5 to 2.5	Pass
	40	3.85	0.315	0.0002	-2.5 to 2.5	Pass			
	50	3.85	2.604	0.0014	-2.5 to 2.5	Pass			
	1880	50	0	20	3.27	0.000	0.0000	-2.5 to 2.5	Pass
					3.85	-8.969	-0.0048	-2.5 to 2.5	Pass
					4.43	-9.985	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-24.161	-0.0129	-2.5 to 2.5	Pass
				-20	3.85	-30.642	-0.0163	-2.5 to 2.5	Pass
				-10	3.85	-27.623	-0.0147	-2.5 to 2.5	Pass
				0	3.85	-23.346	-0.0124	-2.5 to 2.5	Pass
10				3.85	-19.097	-0.0102	-2.5 to 2.5	Pass	
30				3.85	-4.649	-0.0025	-2.5 to 2.5	Pass	
40	3.85	-12.259	-0.0065	-2.5 to 2.5	Pass				
50	3.85	-4.177	-0.0022	-2.5 to 2.5	Pass				
1905	50	0	20	3.27	-4.635	-0.0024	-2.5 to 2.5	Pass	
				3.85	-2.275	-0.0012	-2.5 to 2.5	Pass	
				4.43	-2.689	-0.0014	-2.5 to 2.5	Pass	
			-30	3.85	-1.988	-0.0010	-2.5 to 2.5	Pass	
			-20	3.85	-6.924	-0.0036	-2.5 to 2.5	Pass	
			-10	3.85	14.133	0.0074	-2.5 to 2.5	Pass	
			0	3.85	-1.545	-0.0008	-2.5 to 2.5	Pass	
			10	3.85	-13.990	-0.0073	-2.5 to 2.5	Pass	
			30	3.85	-13.962	-0.0073	-2.5 to 2.5	Pass	
40	3.85	-10.500	-0.0055	-2.5 to 2.5	Pass				
50	3.85	-5.665	-0.0030	-2.5 to 2.5	Pass				

## 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	3.27	0.443	0.0002	-2.5 to 2.5	Pass
					3.85	-5.879	-0.0032	-2.5 to 2.5	Pass
					4.43	-18.353	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-38.280	-0.0206	-2.5 to 2.5	Pass
				-20	3.85	-11.988	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-27.580	-0.0148	-2.5 to 2.5	Pass
				0	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-11.573	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-17.982	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-26.722	-0.0144	-2.5 to 2.5	Pass
	50	3.85	-33.574	-0.0181	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	8.597	0.0046	-2.5 to 2.5	Pass
					3.85	9.785	0.0052	-2.5 to 2.5	Pass
					4.43	-12.732	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-28.954	-0.0154	-2.5 to 2.5	Pass
				-20	3.85	-35.048	-0.0186	-2.5 to 2.5	Pass
				-10	3.85	-39.725	-0.0211	-2.5 to 2.5	Pass
				0	3.85	-7.768	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-10.886	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-19.641	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-25.835	-0.0137	-2.5 to 2.5	Pass
	50	3.85	1.674	0.0009	-2.5 to 2.5	Pass			
	1902.5	75	0	20	3.27	11.115	0.0058	-2.5 to 2.5	Pass
					3.85	31.743	0.0167	-2.5 to 2.5	Pass
					4.43	-7.482	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	10.715	0.0056	-2.5 to 2.5	Pass
				-20	3.85	25.005	0.0131	-2.5 to 2.5	Pass
				-10	3.85	41.413	0.0218	-2.5 to 2.5	Pass
				0	3.85	11.916	0.0063	-2.5 to 2.5	Pass
				10	3.85	17.681	0.0093	-2.5 to 2.5	Pass
30				3.85	26.965	0.0142	-2.5 to 2.5	Pass	
40				3.85	35.291	0.0185	-2.5 to 2.5	Pass	
50	3.85	40.598	0.0213	-2.5 to 2.5	Pass				
16QAM	1857.5	75	0	20	3.27	-39.067	-0.0210	-2.5 to 2.5	Pass
					3.85	40.698	0.0219	-2.5 to 2.5	Pass
					4.43	38.795	0.0209	-2.5 to 2.5	Pass
				-30	3.85	38.481	0.0207	-2.5 to 2.5	Pass
				-20	3.85	8.540	0.0046	-2.5 to 2.5	Pass
				-10	3.85	9.212	0.0050	-2.5 to 2.5	Pass
				0	3.85	9.456	0.0051	-2.5 to 2.5	Pass
				10	3.85	11.687	0.0063	-2.5 to 2.5	Pass
				30	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-10.486	-0.0056	-2.5 to 2.5	Pass
	50	3.85	-7.067	-0.0038	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	-2.146	-0.0011	-2.5 to 2.5	Pass
					3.85	-13.261	-0.0071	-2.5 to 2.5	Pass
					4.43	-20.499	-0.0109	-2.5 to 2.5	Pass
-30				3.85	-28.481	-0.0151	-2.5 to 2.5	Pass	
-20	3.85	-28.024	-0.0149	-2.5 to 2.5	Pass				

				-10	3.85	-28.467	-0.0151	-2.5 to 2.5	Pass
				0	3.85	-35.191	-0.0187	-2.5 to 2.5	Pass
				10	3.85	-16.479	-0.0088	-2.5 to 2.5	Pass
				30	3.85	12.259	0.0065	-2.5 to 2.5	Pass
				40	3.85	13.618	0.0072	-2.5 to 2.5	Pass
				50	3.85	20.156	0.0107	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	2.675	0.0014	-2.5 to 2.5	Pass
					3.85	11.888	0.0062	-2.5 to 2.5	Pass
					4.43	-0.672	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-3.347	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	4.234	0.0022	-2.5 to 2.5	Pass
				-10	3.85	14.048	0.0074	-2.5 to 2.5	Pass
				0	3.85	18.725	0.0098	-2.5 to 2.5	Pass
				10	3.85	22.459	0.0118	-2.5 to 2.5	Pass
				30	3.85	29.068	0.0153	-2.5 to 2.5	Pass
				40	3.85	1.216	0.0006	-2.5 to 2.5	Pass
				50	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass

## 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	3.27	20.070	0.0108	-2.5 to 2.5	Pass
					3.85	19.584	0.0105	-2.5 to 2.5	Pass
					4.43	4.306	0.0023	-2.5 to 2.5	Pass
				-30	3.85	-20.356	-0.0109	-2.5 to 2.5	Pass
				-20	3.85	-33.159	-0.0178	-2.5 to 2.5	Pass
				-10	3.85	-19.355	-0.0104	-2.5 to 2.5	Pass
				0	3.85	7.267	0.0039	-2.5 to 2.5	Pass
				10	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				30	3.85	-6.180	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-14.062	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-20.041	-0.0108	-2.5 to 2.5	Pass
				1880	100	0	20	3.27	-4.406
	3.85	-4.892	-0.0026					-2.5 to 2.5	Pass
	4.43	-9.098	-0.0048					-2.5 to 2.5	Pass
	-30	3.85	-9.956				-0.0053	-2.5 to 2.5	Pass
	-20	3.85	39.139				0.0208	-2.5 to 2.5	Pass
	-10	3.85	39.239				0.0209	-2.5 to 2.5	Pass
	0	3.85	34.132				0.0182	-2.5 to 2.5	Pass
	10	3.85	29.726				0.0158	-2.5 to 2.5	Pass
	30	3.85	21.243				0.0113	-2.5 to 2.5	Pass
	40	3.85	-3.605				-0.0019	-2.5 to 2.5	Pass
	50	3.85	-10.357				-0.0055	-2.5 to 2.5	Pass
	1900	100	0				20	3.27	2.131
				3.85	-1.316	-0.0007		-2.5 to 2.5	Pass
				4.43	11.587	0.0061		-2.5 to 2.5	Pass
				-30	3.85	15.893	0.0084	-2.5 to 2.5	Pass
				-20	3.85	15.221	0.0080	-2.5 to 2.5	Pass
				-10	3.85	13.518	0.0071	-2.5 to 2.5	Pass
				0	3.85	9.398	0.0049	-2.5 to 2.5	Pass
				10	3.85	49.081	0.0258	-2.5 to 2.5	Pass

				30	3.85	41.513	0.0218	-2.5 to 2.5	Pass
				40	3.85	38.695	0.0204	-2.5 to 2.5	Pass
				50	3.85	13.976	0.0074	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	4.363	0.0023	-2.5 to 2.5	Pass
					3.85	6.208	0.0033	-2.5 to 2.5	Pass
					4.43	9.942	0.0053	-2.5 to 2.5	Pass
				-30	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-20.356	-0.0109	-2.5 to 2.5	Pass
				-10	3.85	-21.400	-0.0115	-2.5 to 2.5	Pass
				0	3.85	-0.644	-0.0003	-2.5 to 2.5	Pass
				10	3.85	7.339	0.0039	-2.5 to 2.5	Pass
				30	3.85	10.657	0.0057	-2.5 to 2.5	Pass
				40	3.85	15.206	0.0082	-2.5 to 2.5	Pass
				50	3.85	-6.452	-0.0035	-2.5 to 2.5	Pass
				1880	100	0	20	3.27	-13.876
	3.85	-13.676	-0.0073					-2.5 to 2.5	Pass
	4.43	-30.384	-0.0162					-2.5 to 2.5	Pass
	-30	3.85	-31.600				-0.0168	-2.5 to 2.5	Pass
	-20	3.85	-30.956				-0.0165	-2.5 to 2.5	Pass
	-10	3.85	21.830				0.0116	-2.5 to 2.5	Pass
	0	3.85	5.465				0.0029	-2.5 to 2.5	Pass
	10	3.85	8.883				0.0047	-2.5 to 2.5	Pass
	30	3.85	2.789				0.0015	-2.5 to 2.5	Pass
	40	3.85	6.452				0.0034	-2.5 to 2.5	Pass
	50	3.85	0.873				0.0005	-2.5 to 2.5	Pass
	1900	100	0				20	3.27	29.311
				3.85	33.717	0.0177		-2.5 to 2.5	Pass
				4.43	41.027	0.0216		-2.5 to 2.5	Pass
				-30	3.85	11.544	0.0061	-2.5 to 2.5	Pass
				-20	3.85	18.654	0.0098	-2.5 to 2.5	Pass
				-10	3.85	-7.124	-0.0037	-2.5 to 2.5	Pass
				0	3.85	4.992	0.0026	-2.5 to 2.5	Pass
				10	3.85	9.999	0.0053	-2.5 to 2.5	Pass
30				3.85	12.245	0.0064	-2.5 to 2.5	Pass	
40				3.85	15.864	0.0083	-2.5 to 2.5	Pass	
50				3.85	-2.460	-0.0013	-2.5 to 2.5	Pass	

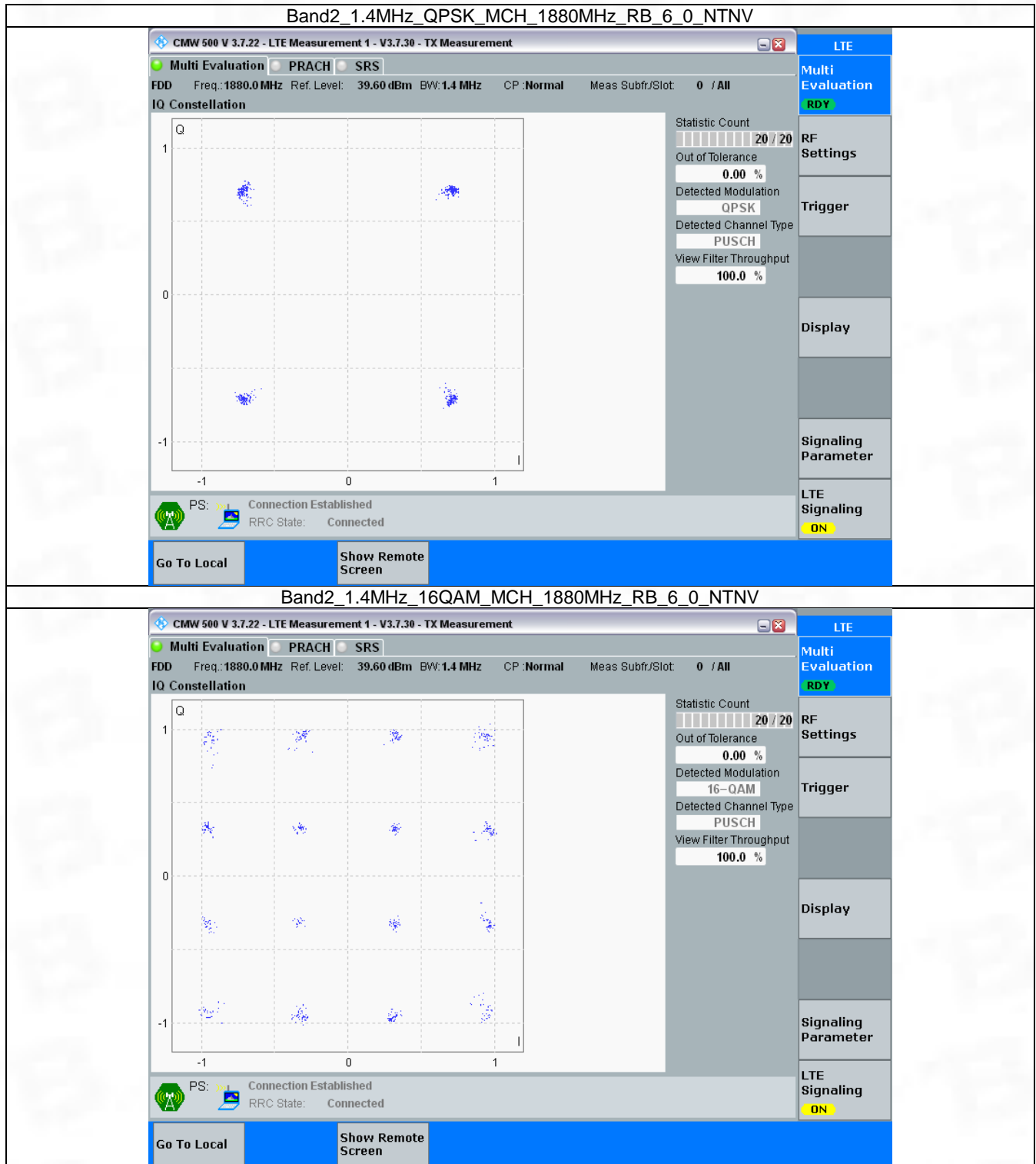
### 3. Modulation Characteristics

#### 3.1 B2\_1.4MHz

##### 3.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	6	0	Refer To Test Graph		Pass
16QAM	1880	6	0	Refer To Test Graph		Pass

### 3.1.2 Test Graph



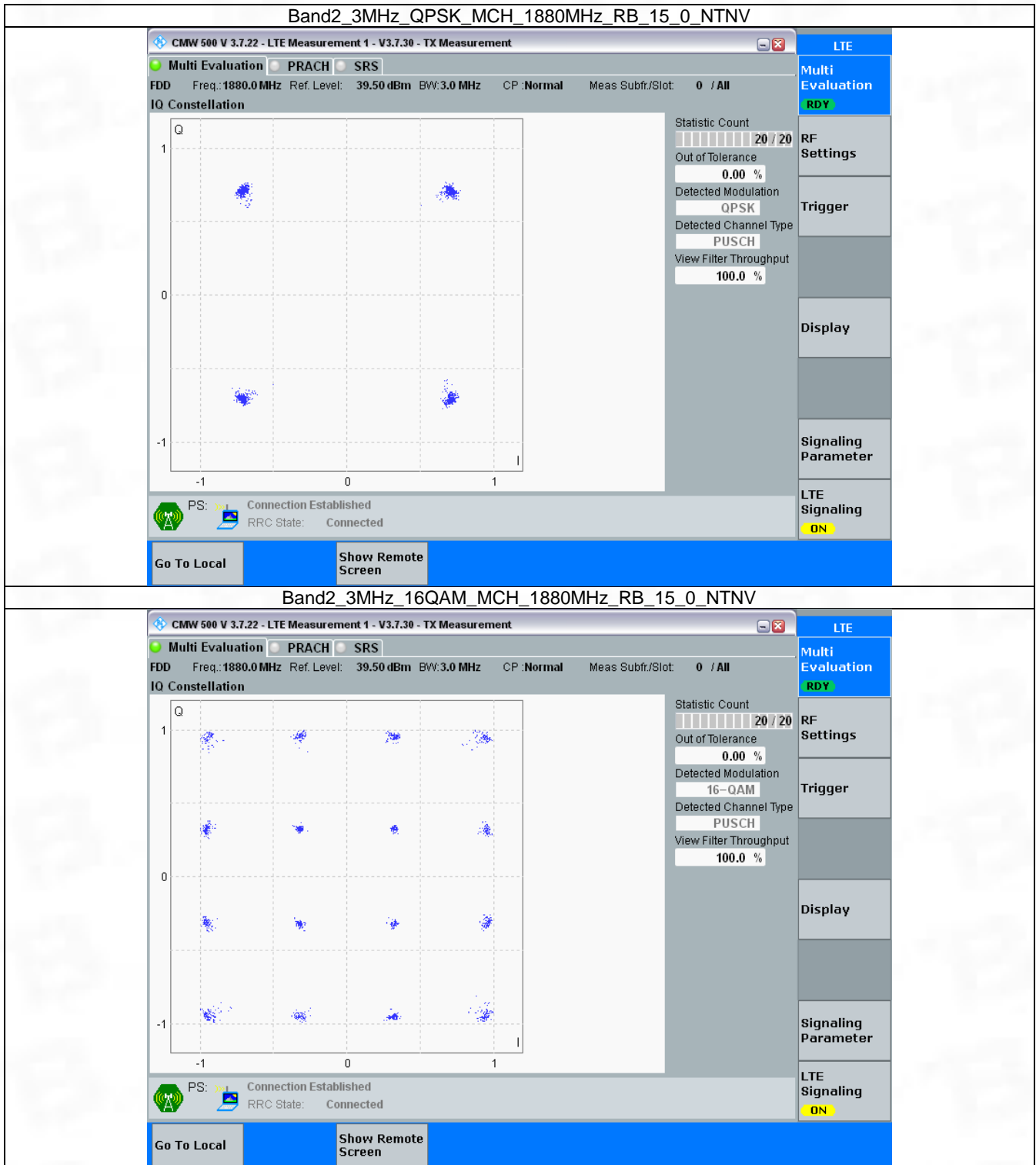
## 3.2 B2\_3MHz

### 3.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	15	0	Refer To Test Graph		Pass
16QAM	1880	15	0	Refer To Test Graph		Pass



### 3.2.2 Test Graph

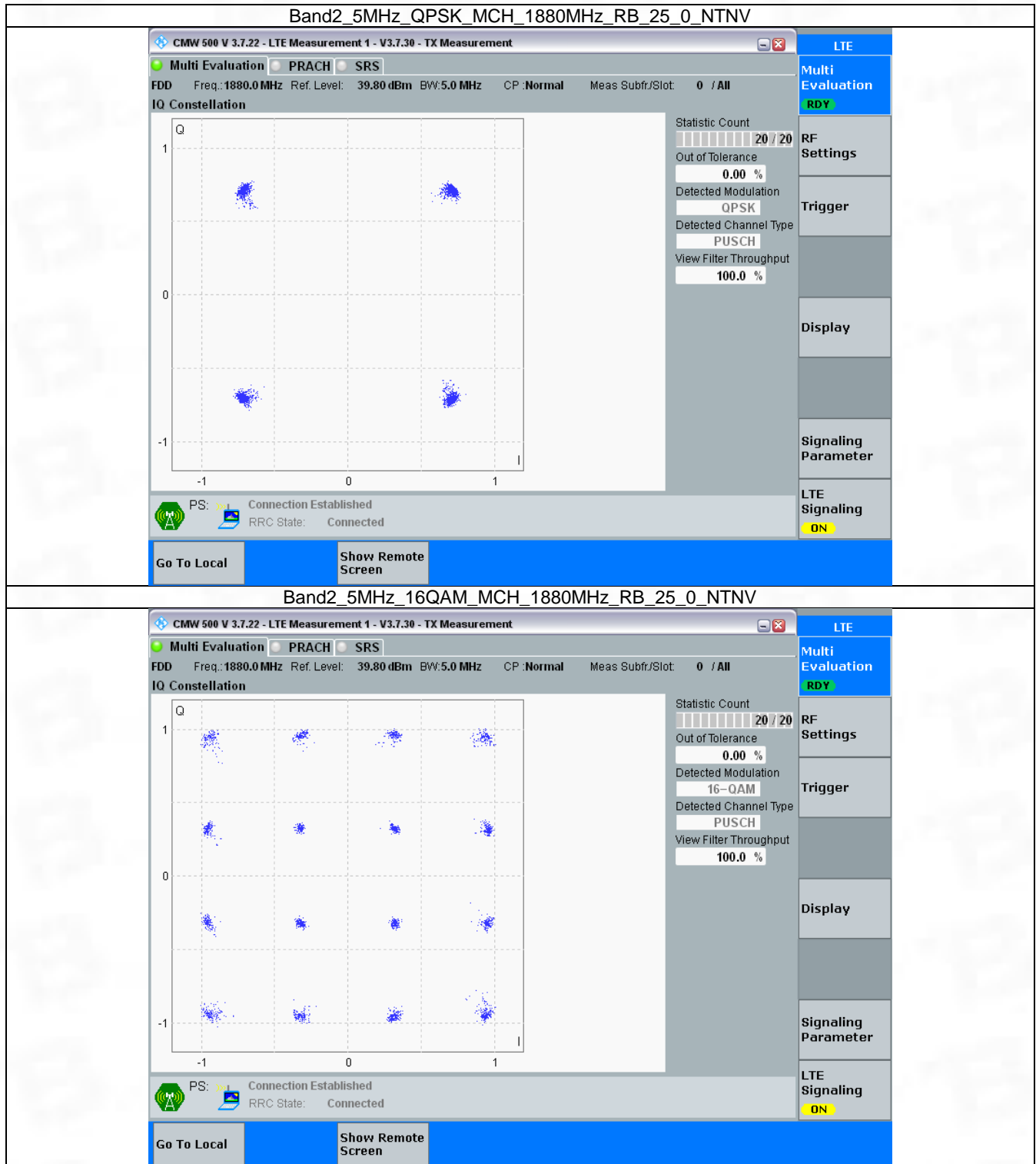


### 3.3 B2\_5MHz

#### 3.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	25	0	Refer To Test Graph		Pass
16QAM	1880	25	0	Refer To Test Graph		Pass

### 3.3.2 Test Graph

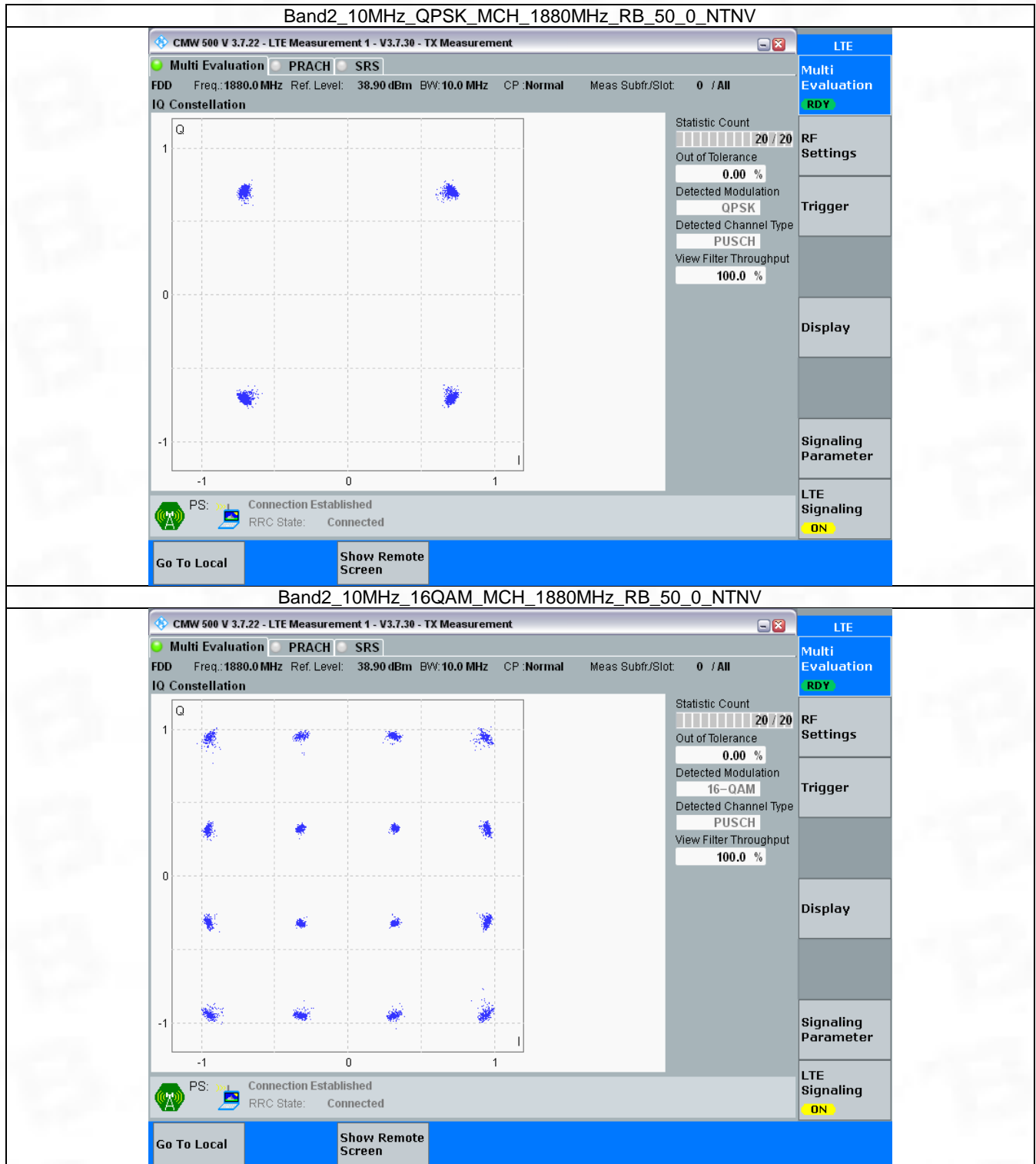


### 3.4 B2\_10MHz

#### 3.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	50	0	Refer To Test Graph		Pass
16QAM	1880	50	0	Refer To Test Graph		Pass

### 3.4.2 Test Graph

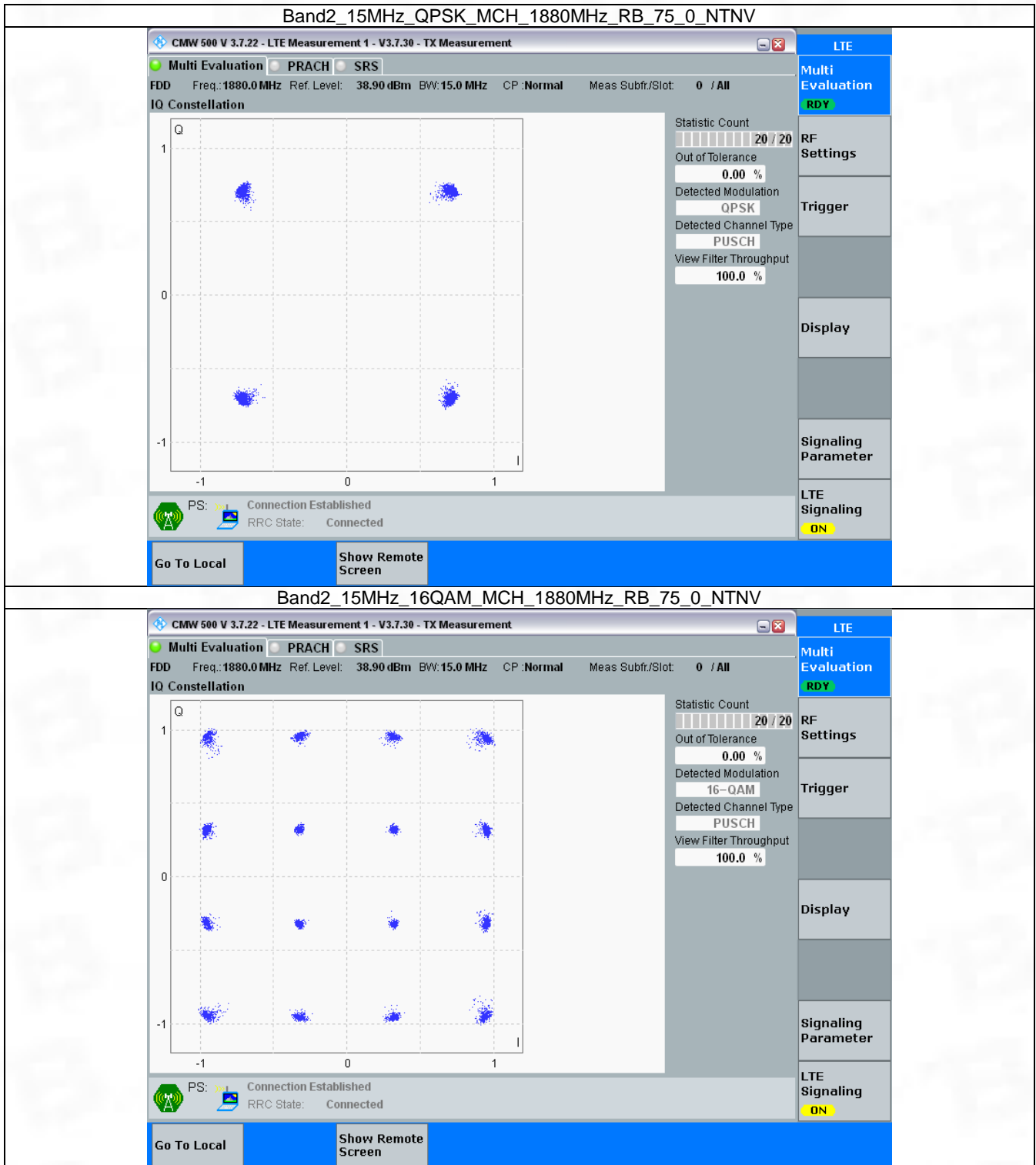


### 3.5 B2\_15MHz

#### 3.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

### 3.5.2 Test Graph



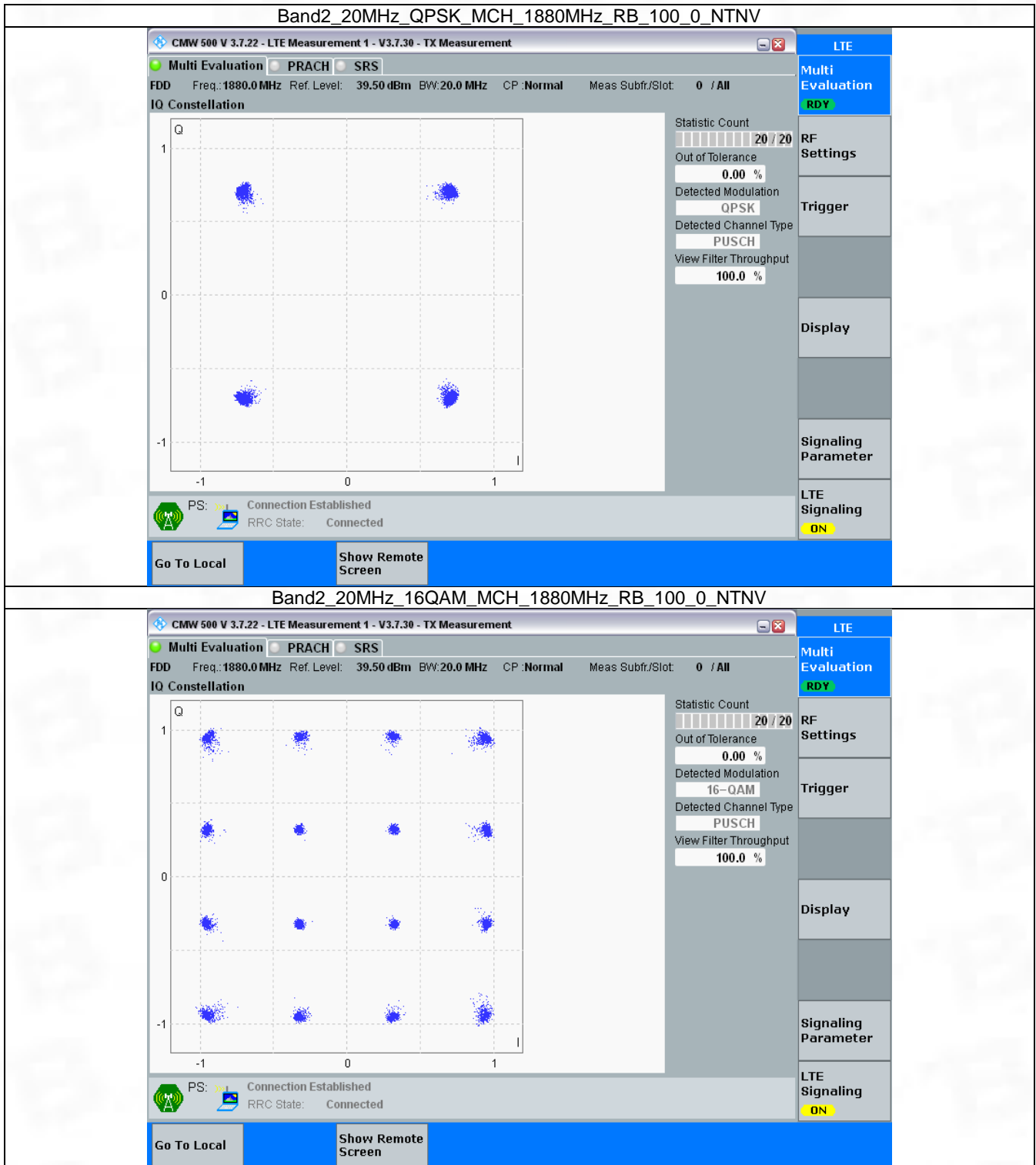
### 3.6 B2\_20MHz

#### 3.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass



### 3.6.2 Test Graph



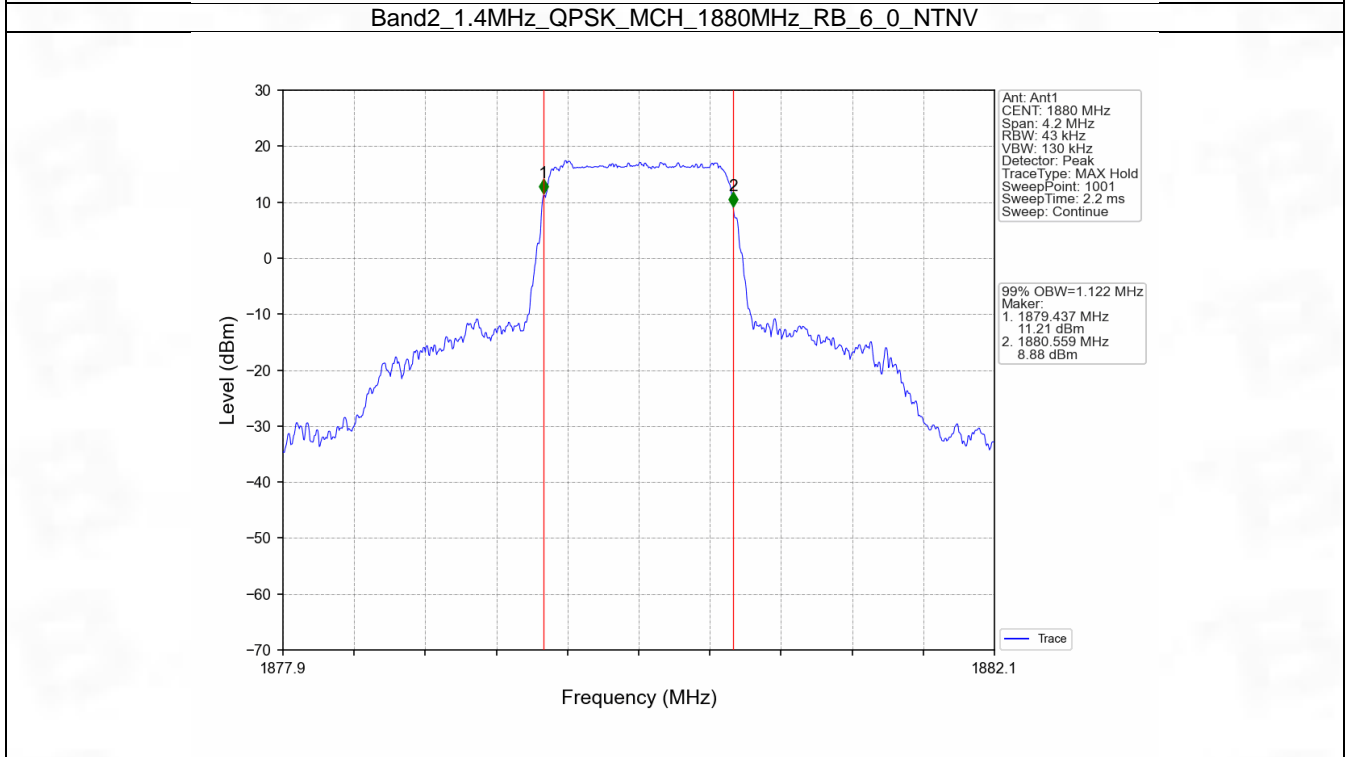
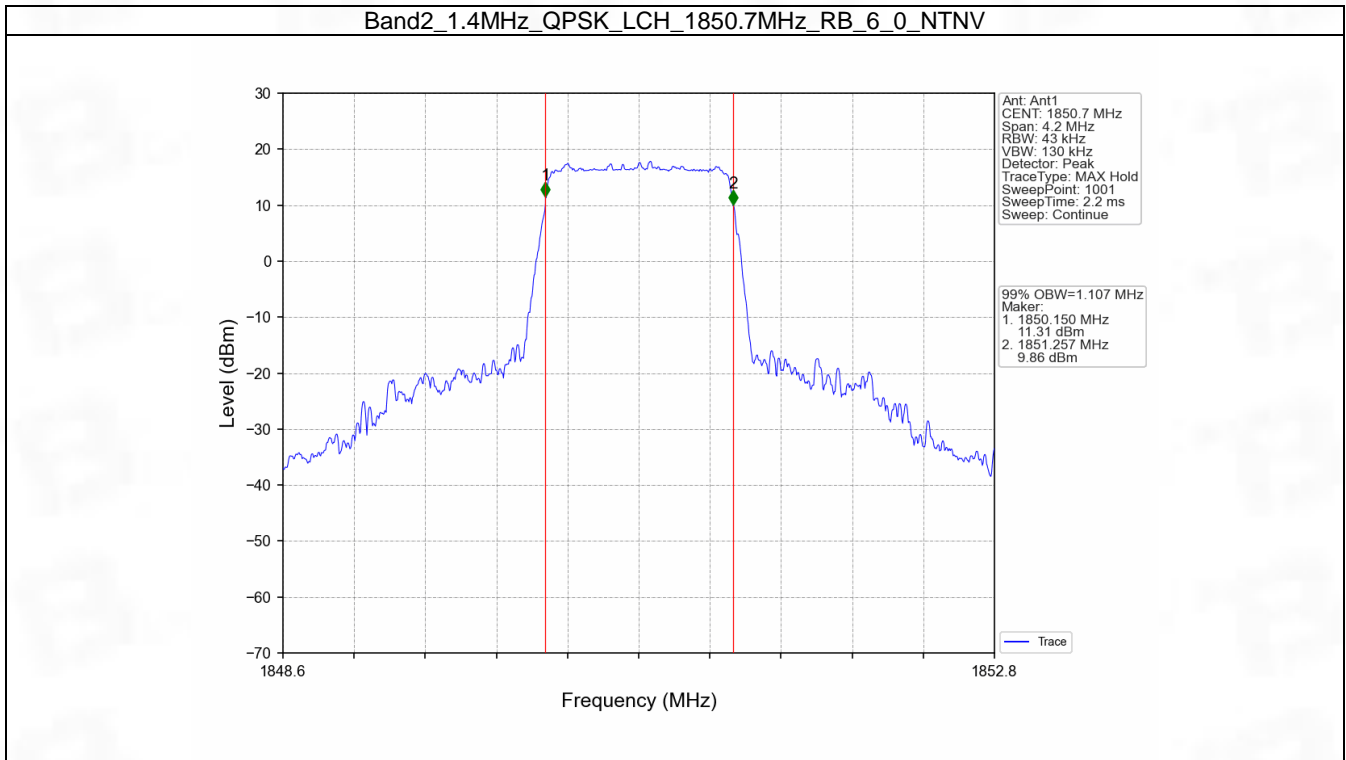
## 4. 99% & 26dB Bandwidth

### 4.1 Band2\_OBW

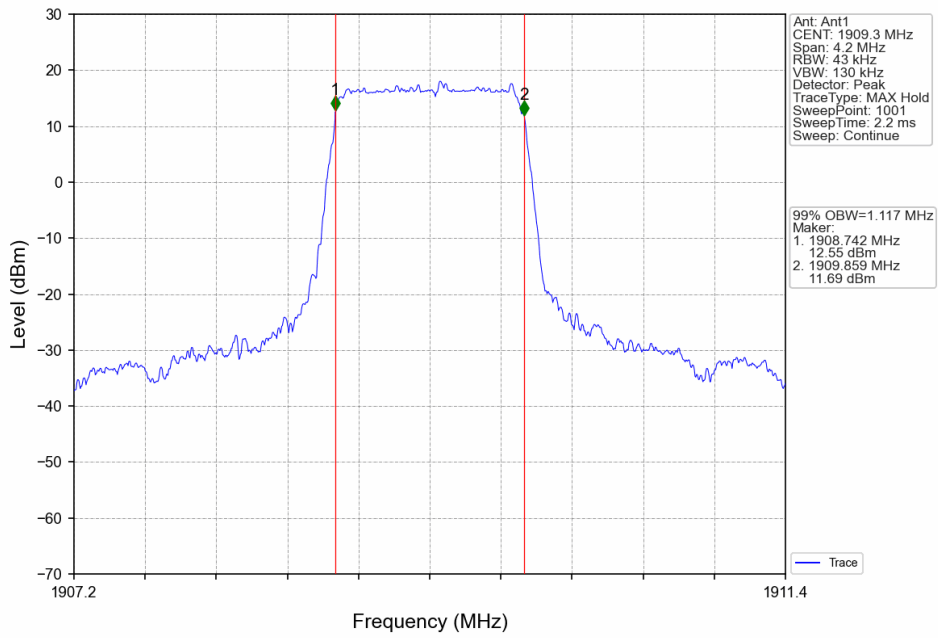
#### 4.1.1 Test Result

Band: 2 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.107	Pass
		1880	6	0	1.122	Pass
		1909.3	6	0	1.117	Pass
	16QAM	1850.7	6	0	1.113	Pass
		1880	6	0	1.118	Pass
		1909.3	6	0	1.113	Pass
3	QPSK	1851.5	15	0	2.759	Pass
		1880	15	0	2.755	Pass
		1908.5	15	0	2.758	Pass
	16QAM	1851.5	15	0	2.770	Pass
		1880	15	0	2.756	Pass
		1908.5	15	0	2.773	Pass
5	QPSK	1852.5	25	0	4.547	Pass
		1880	25	0	4.567	Pass
		1907.5	25	0	4.585	Pass
	16QAM	1852.5	25	0	4.563	Pass
		1880	25	0	4.596	Pass
		1907.5	25	0	4.572	Pass
10	QPSK	1855	50	0	9.104	Pass
		1880	50	0	9.079	Pass
		1905	50	0	9.090	Pass
	16QAM	1855	50	0	9.075	Pass
		1880	50	0	9.110	Pass
		1905	50	0	9.092	Pass
15	QPSK	1857.5	75	0	13.617	Pass
		1880	75	0	13.617	Pass
		1902.5	75	0	13.626	Pass
	16QAM	1857.5	75	0	13.658	Pass
		1880	75	0	13.690	Pass
		1902.5	75	0	13.646	Pass
20	QPSK	1860	100	0	18.143	Pass
		1880	100	0	18.276	Pass
		1900	100	0	18.139	Pass
	16QAM	1860	100	0	18.173	Pass
		1880	100	0	18.311	Pass
		1900	100	0	18.211	Pass

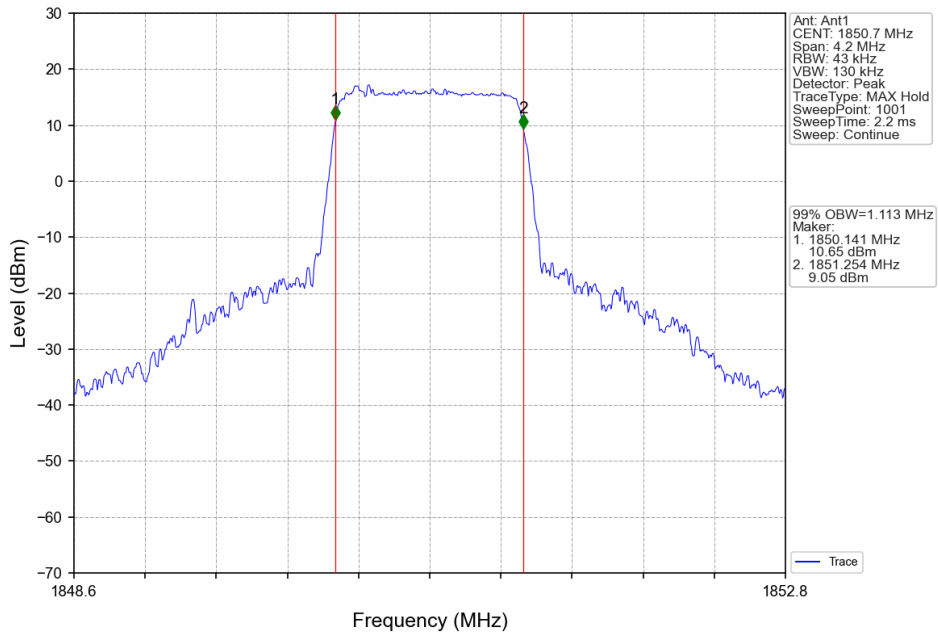
### 4.1.2 Test Graph



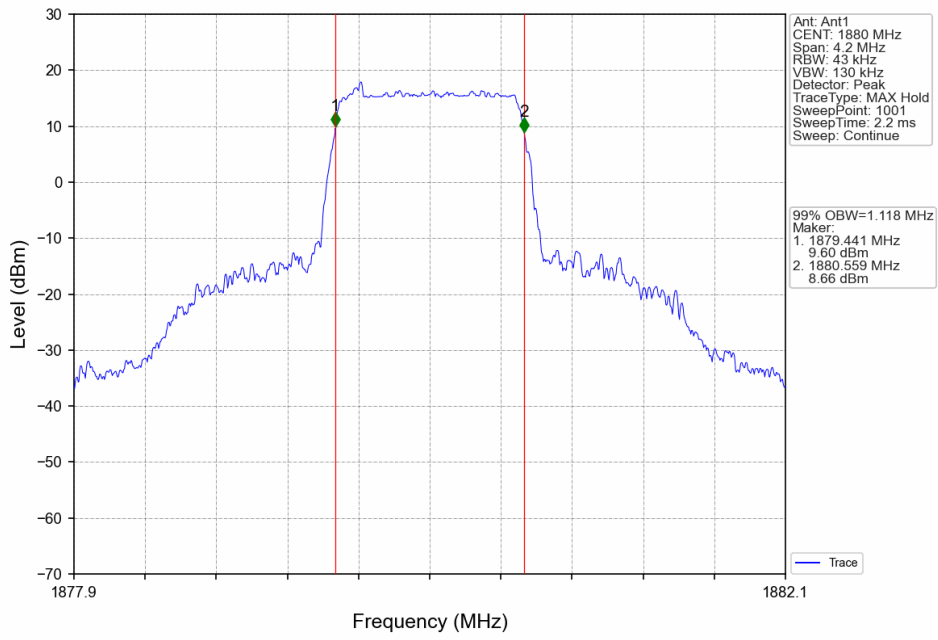
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



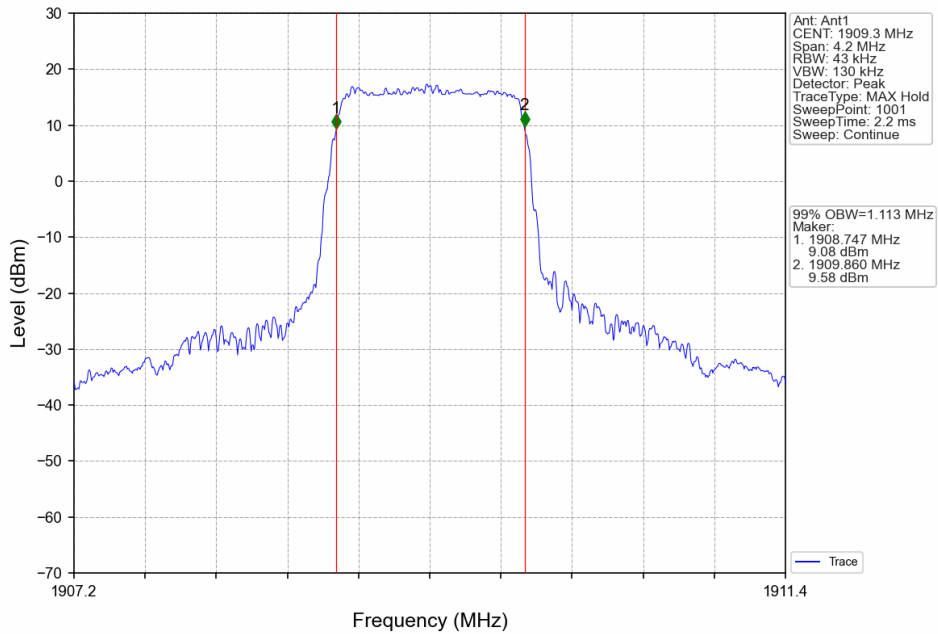
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



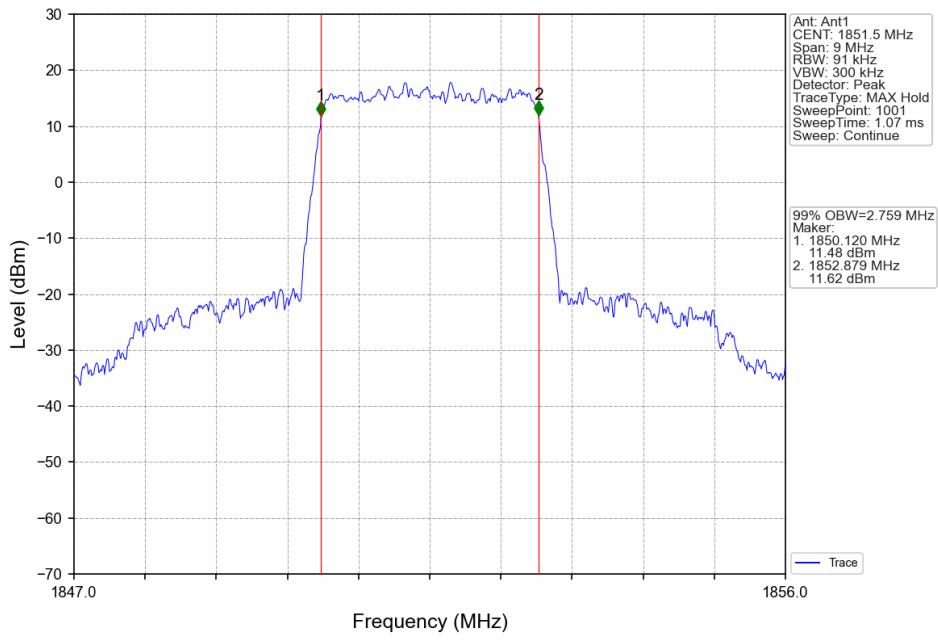
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



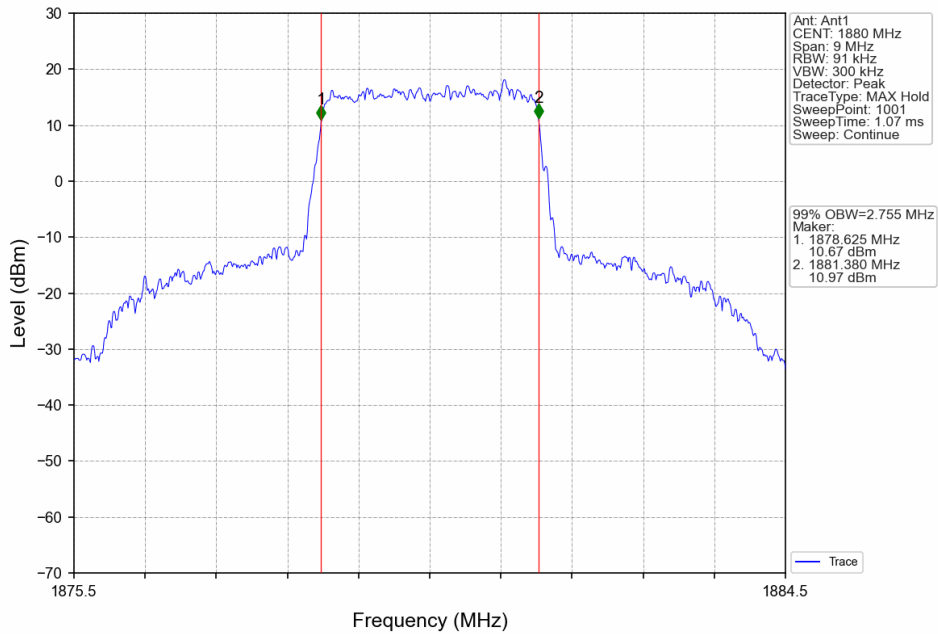
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



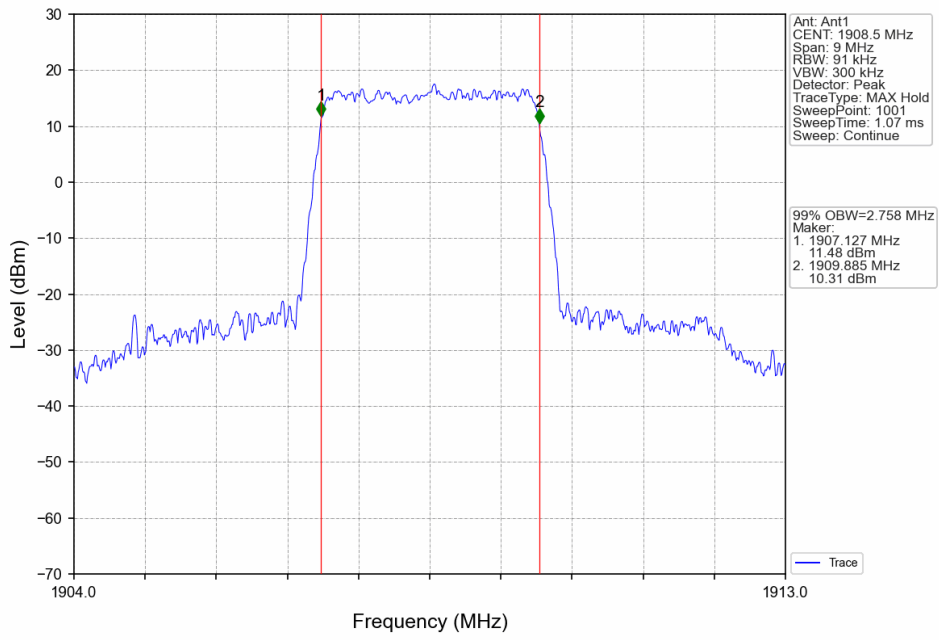
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



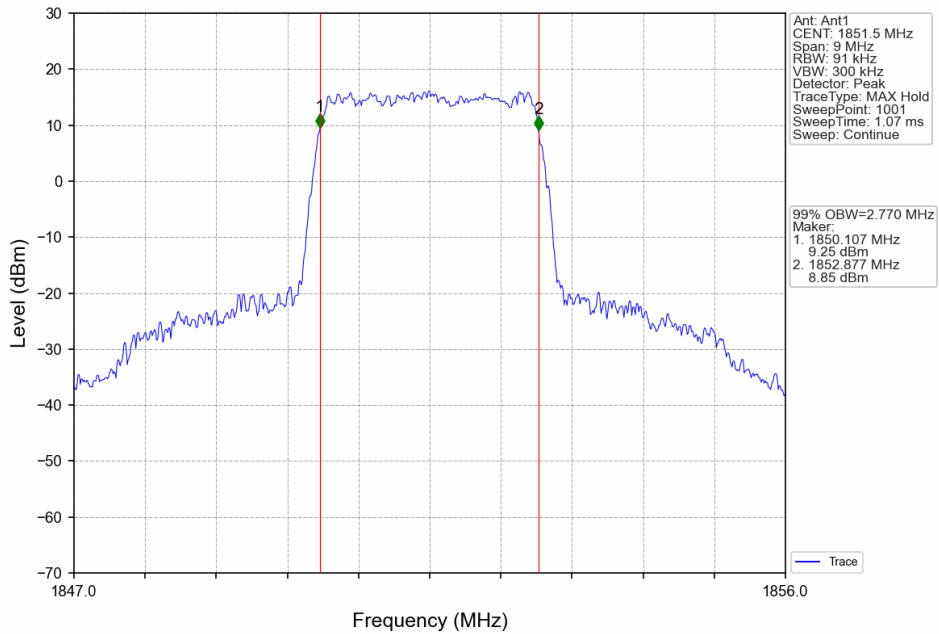
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



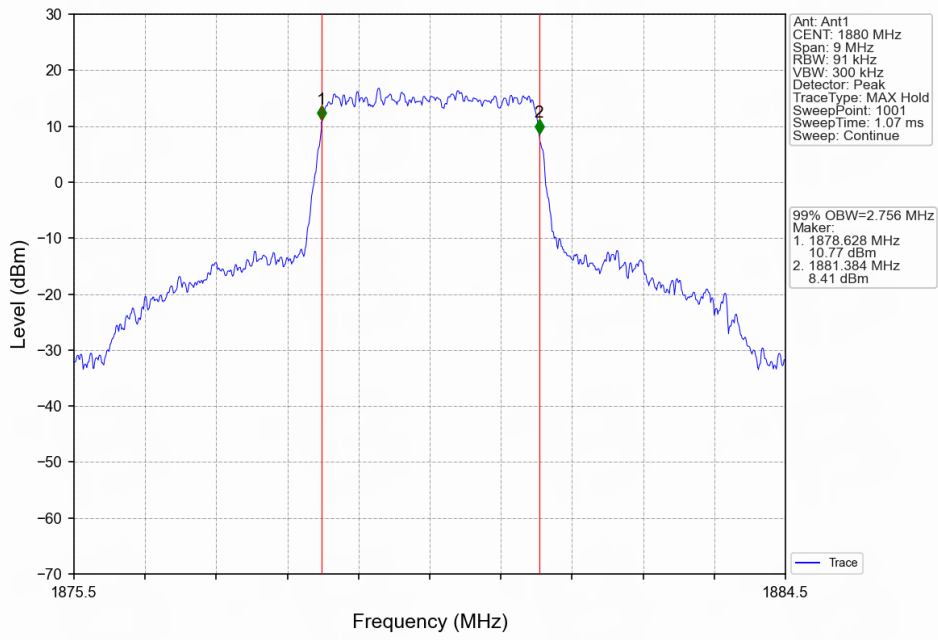
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



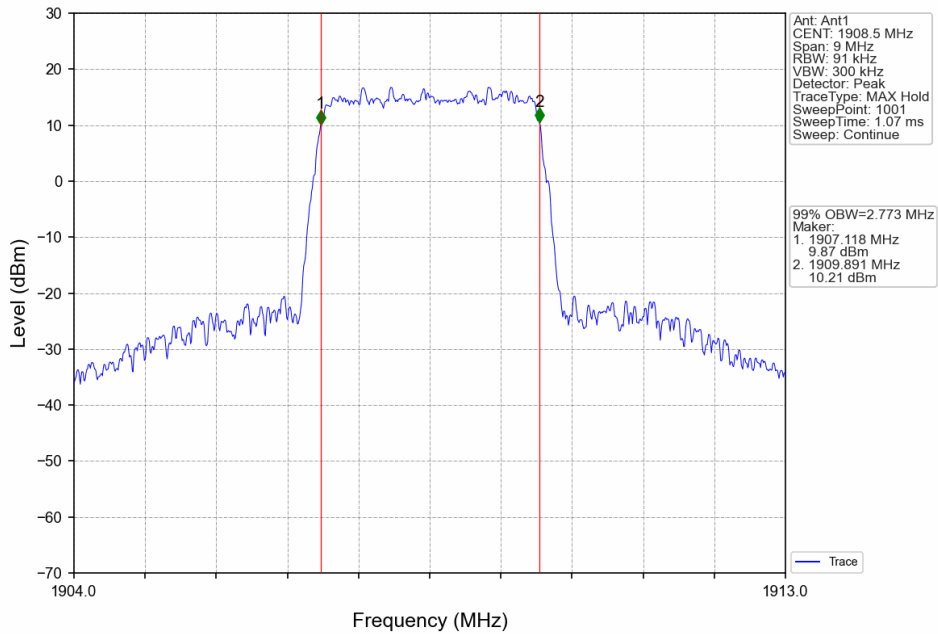
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



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

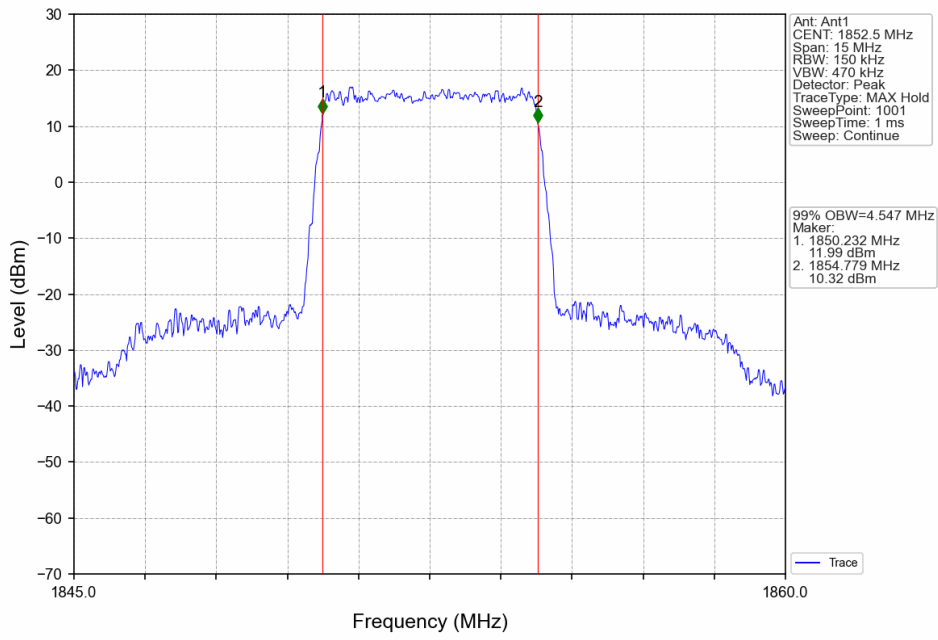


Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV

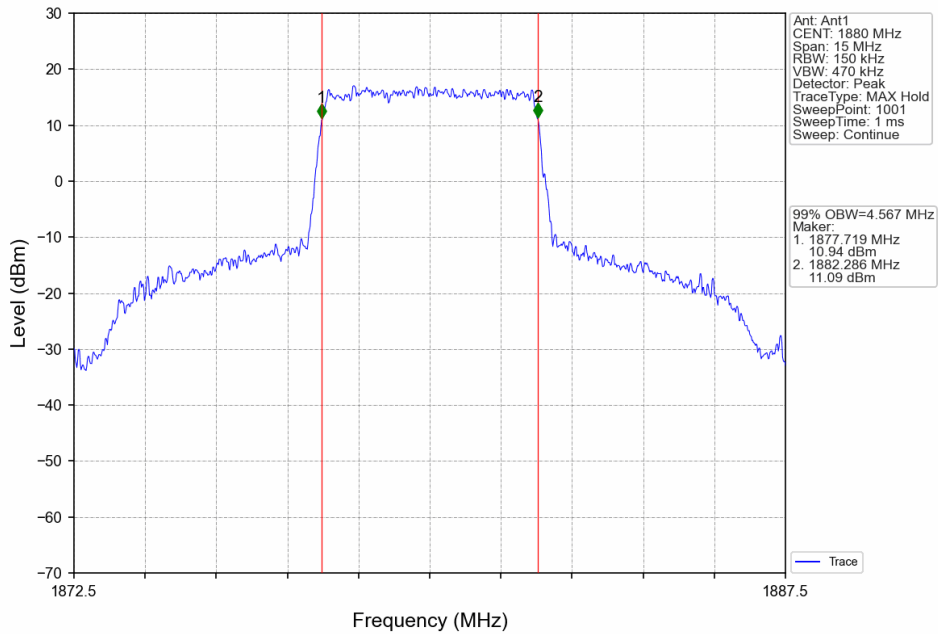




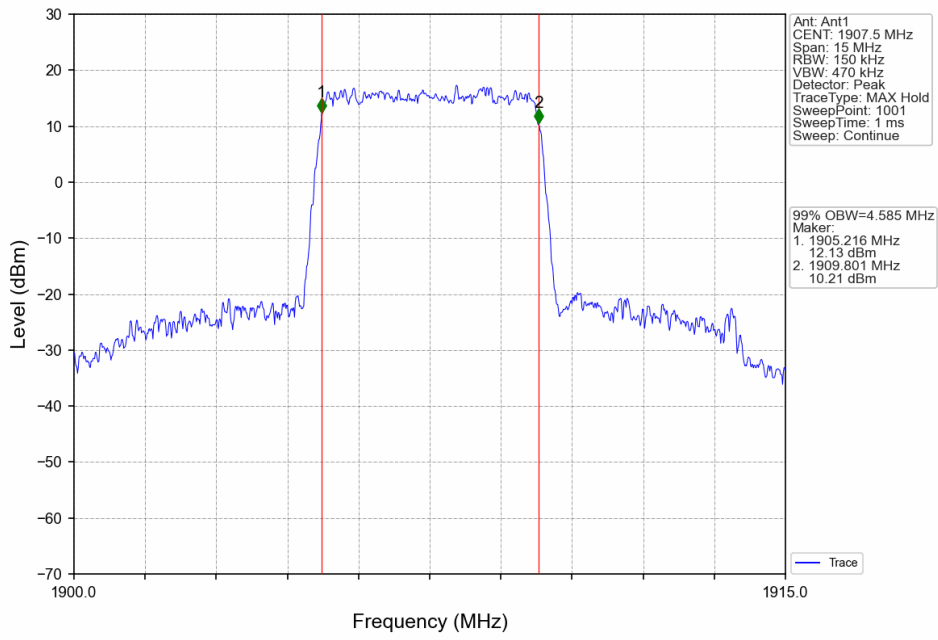
Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



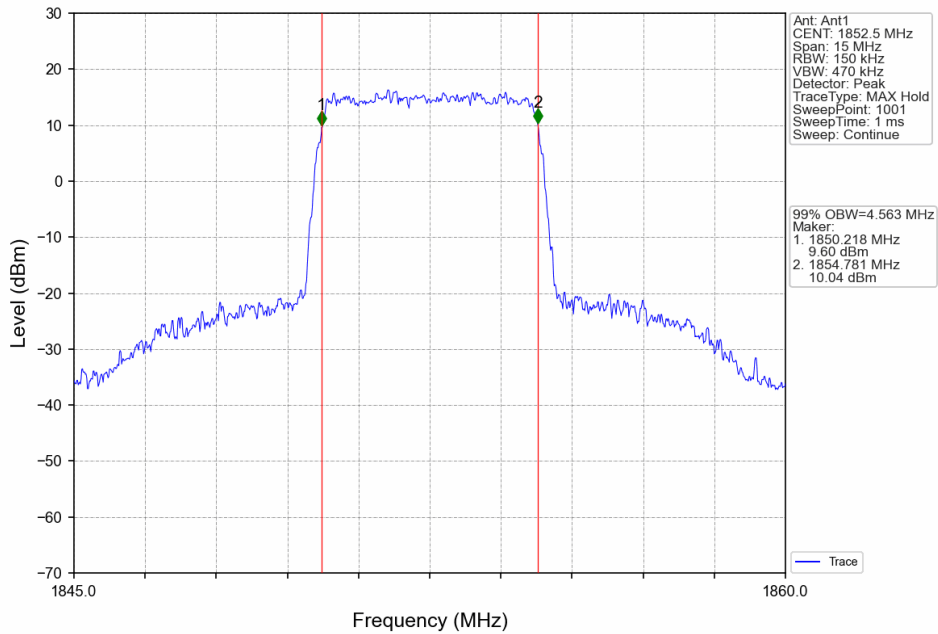
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



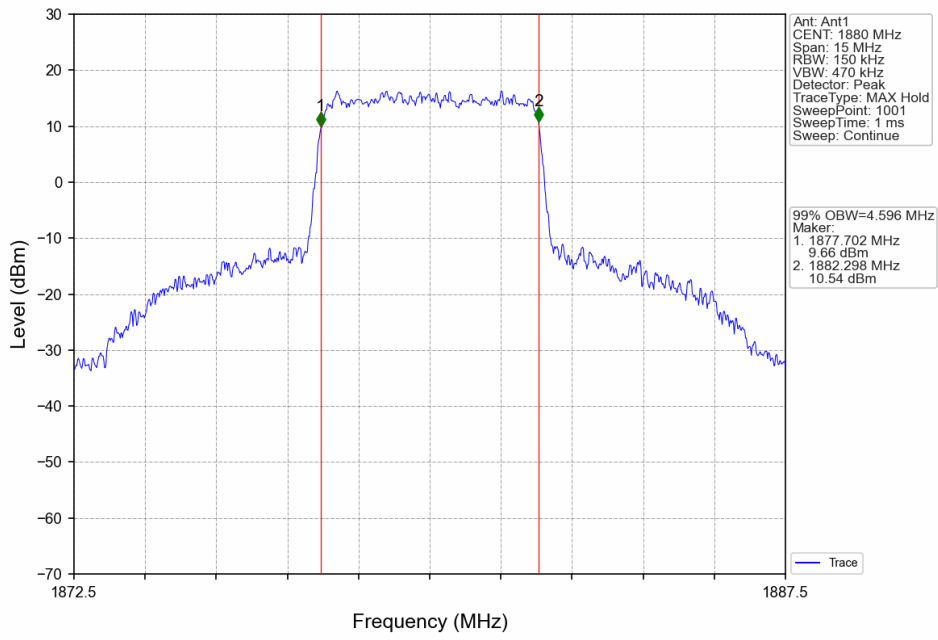
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



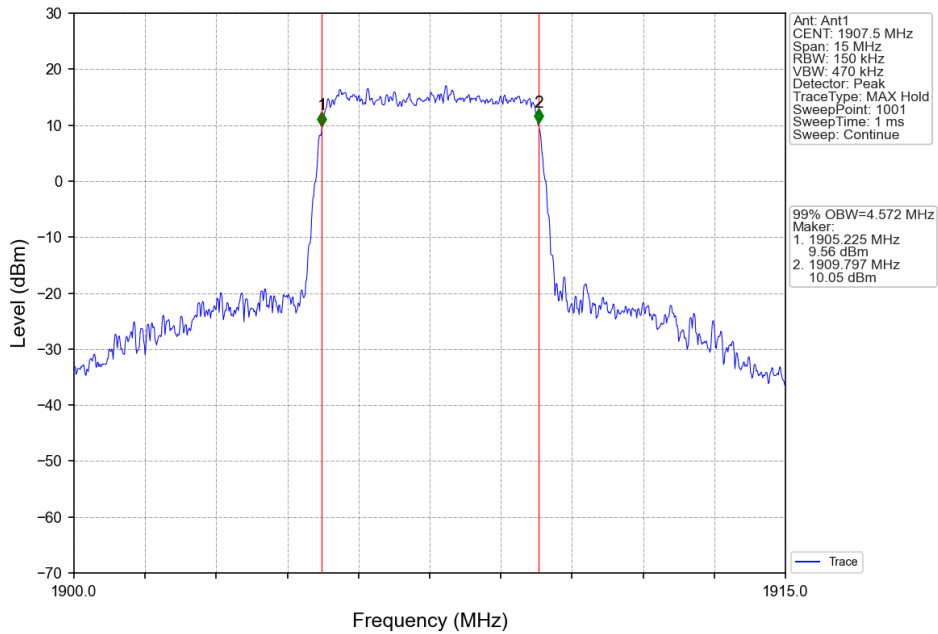
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



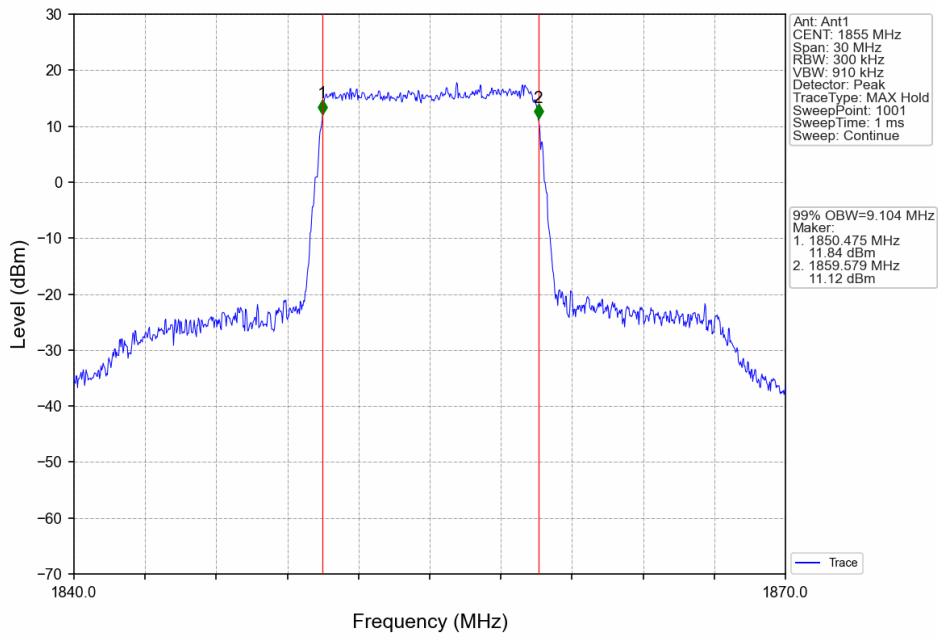
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



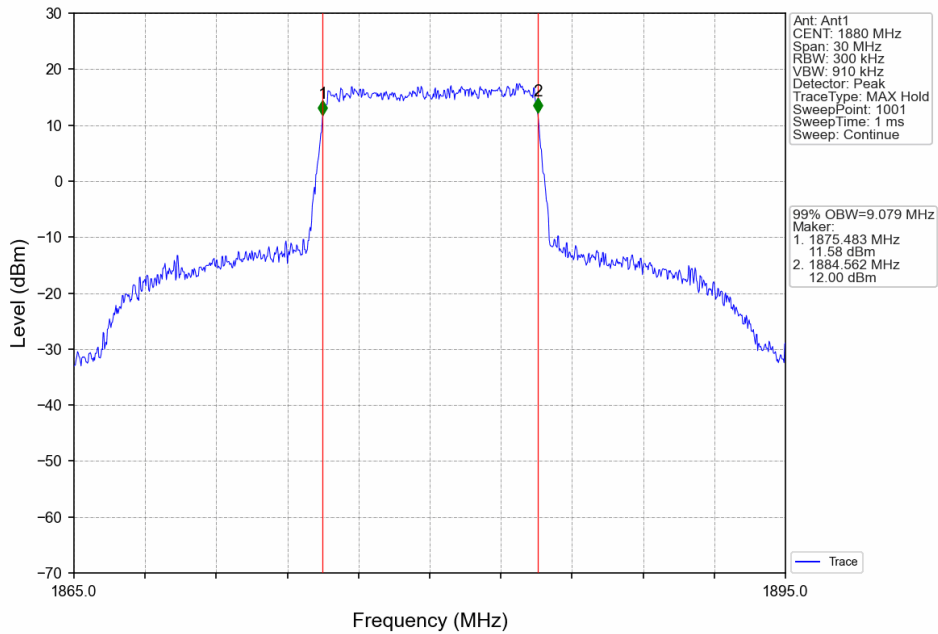
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



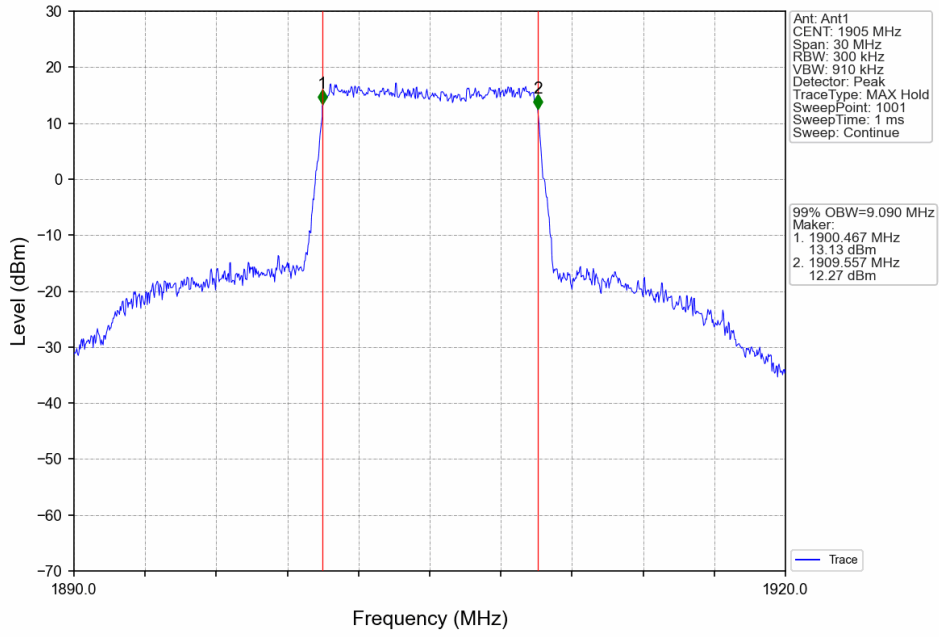
Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



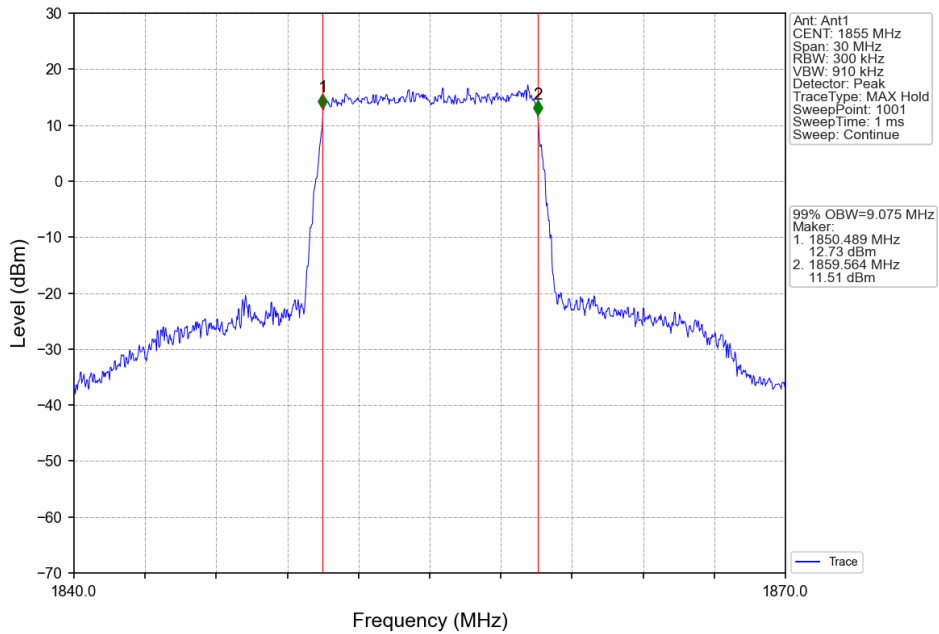
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



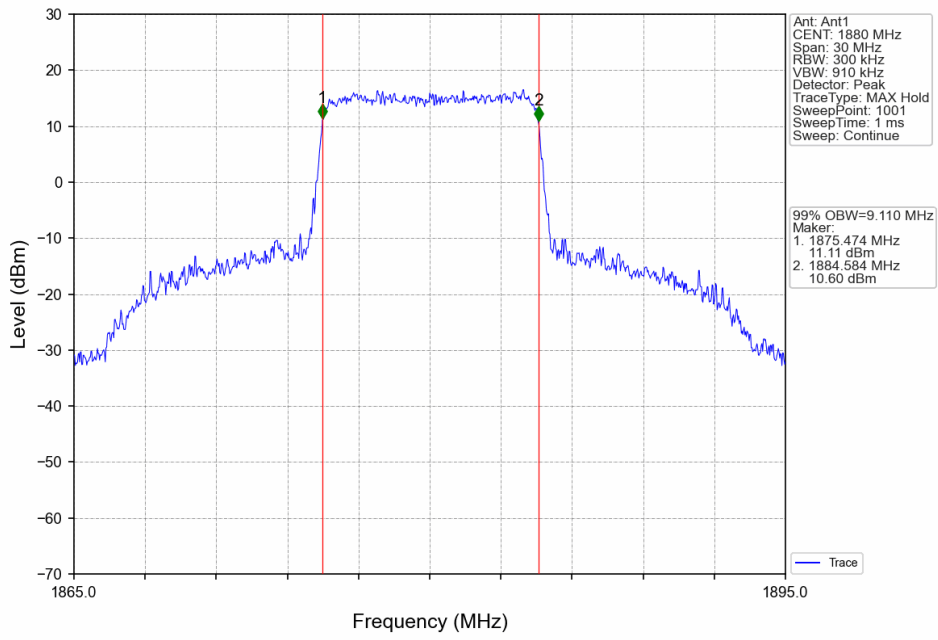
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



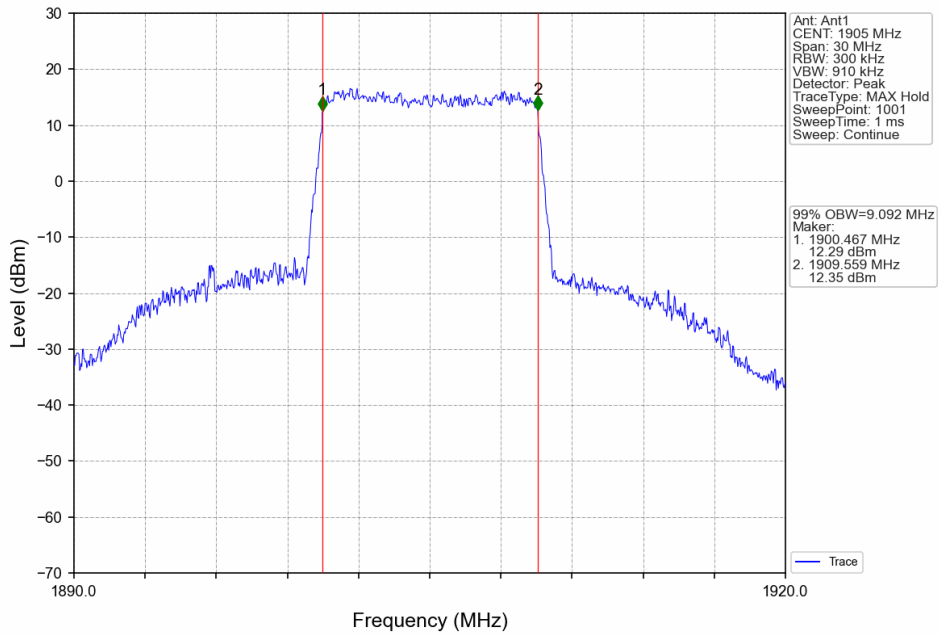
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



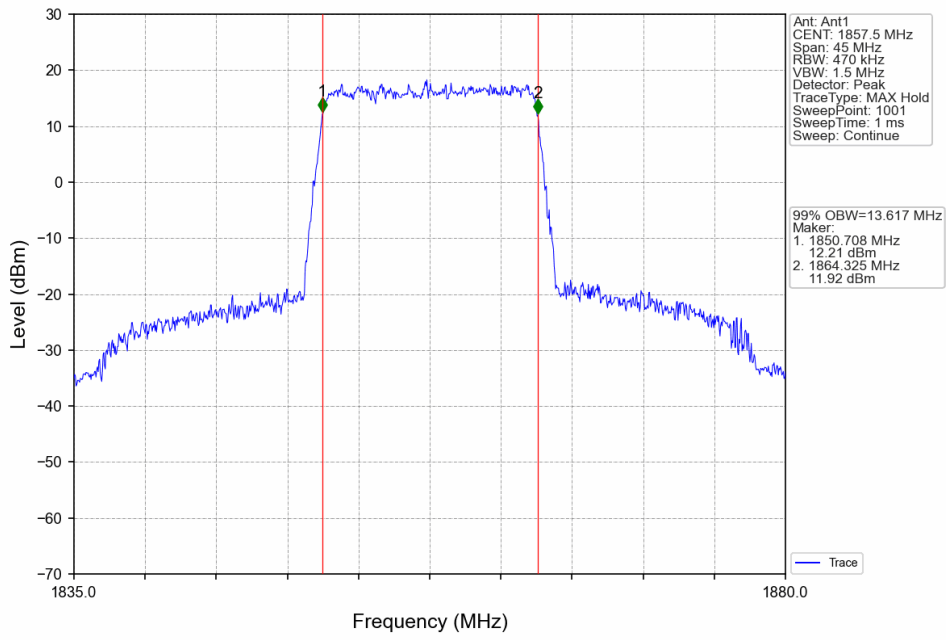
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



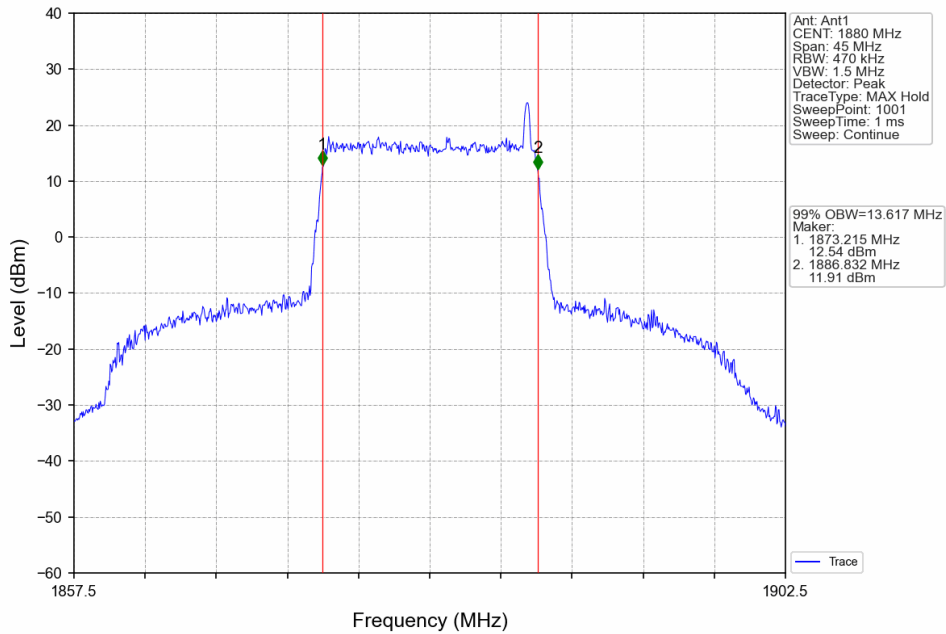
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



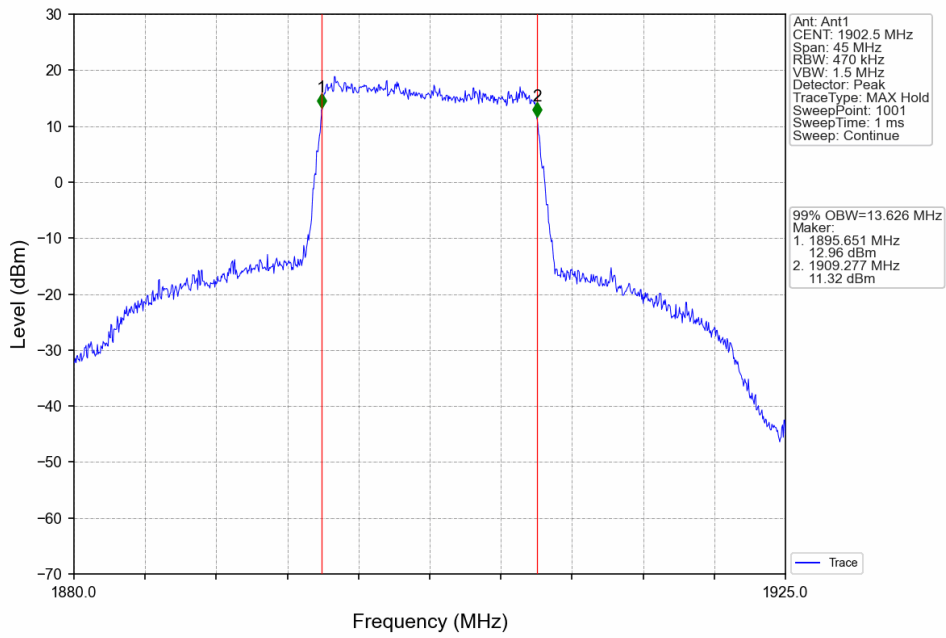
Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



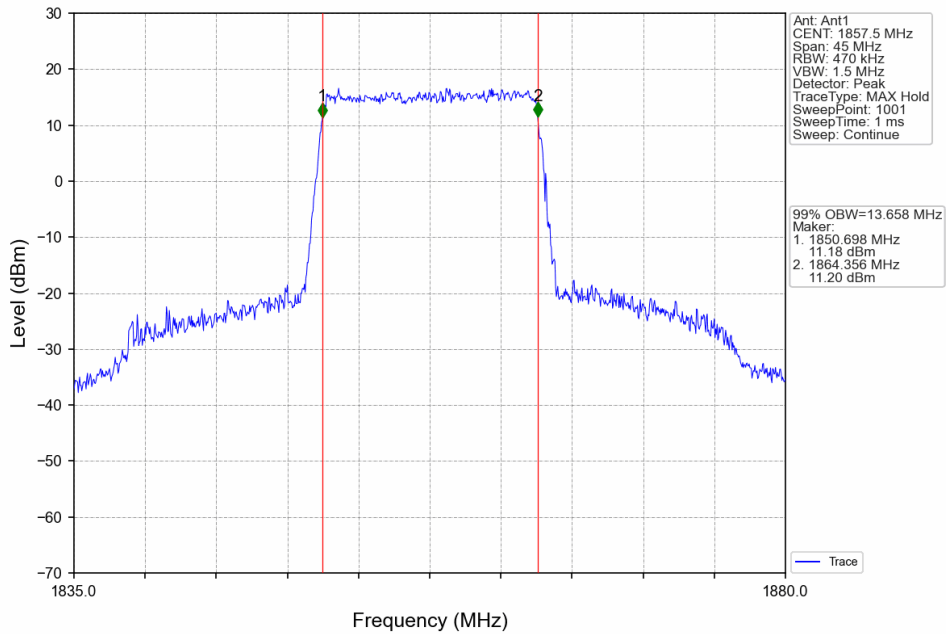
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



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

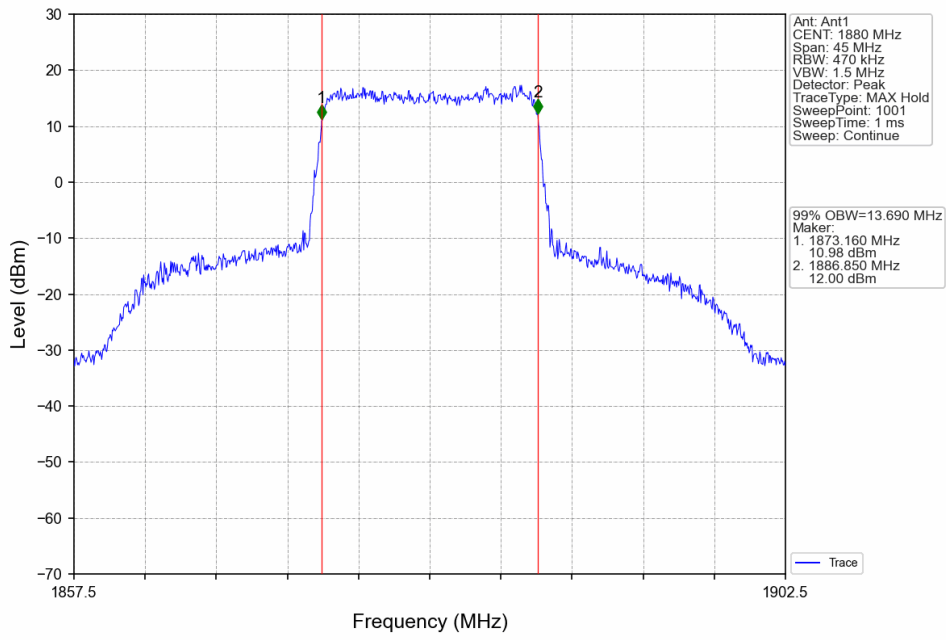


Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

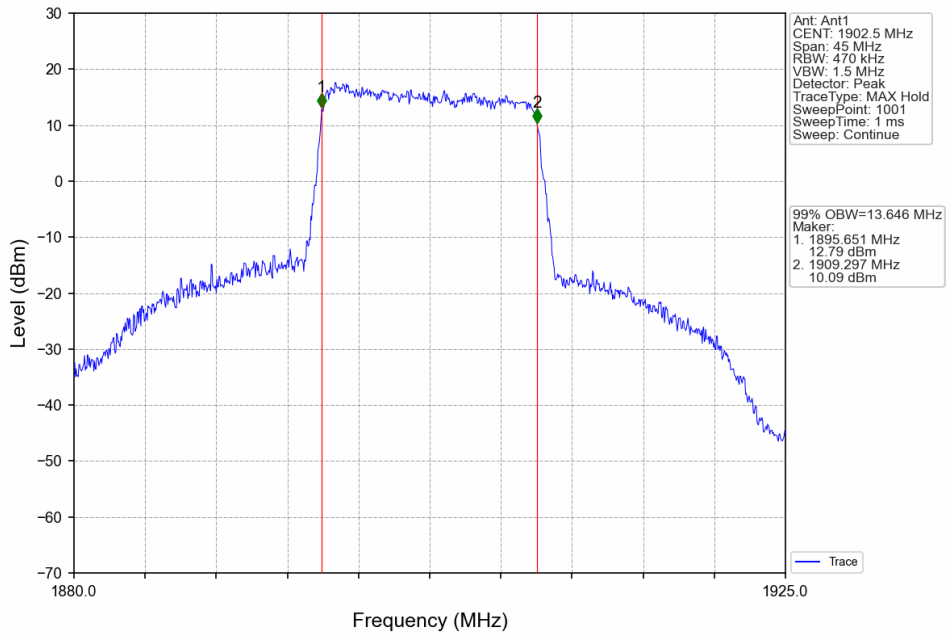




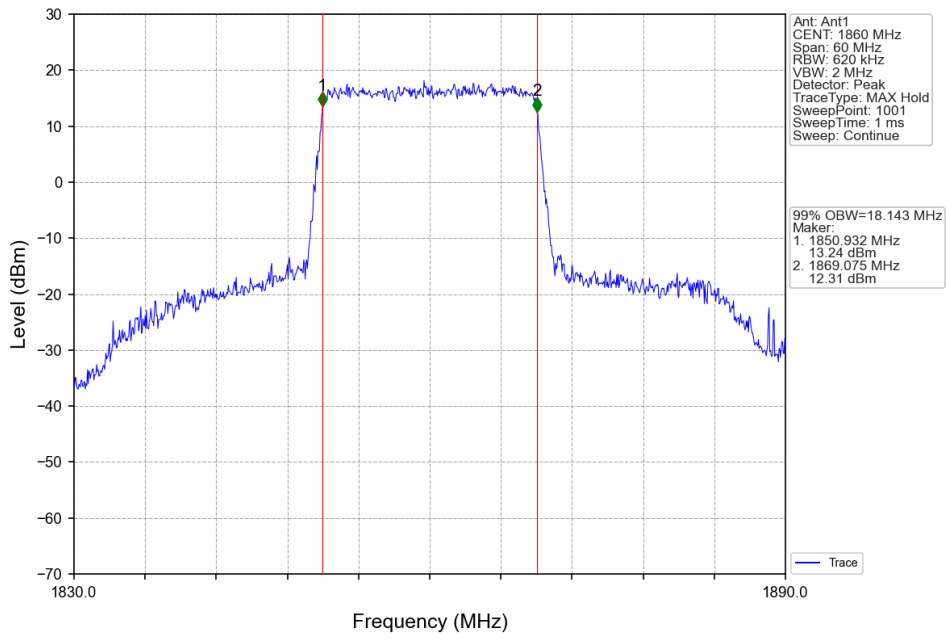
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



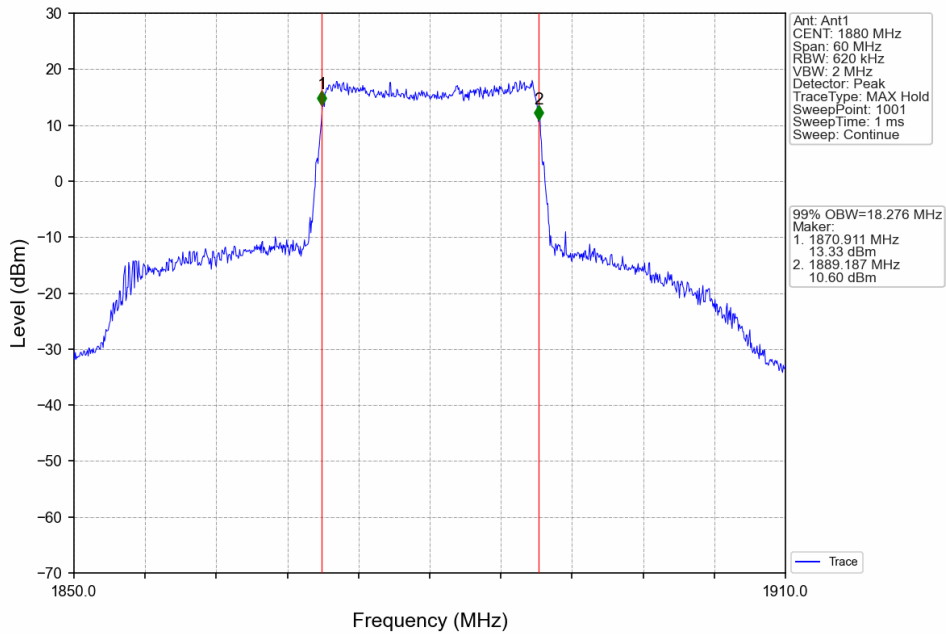
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



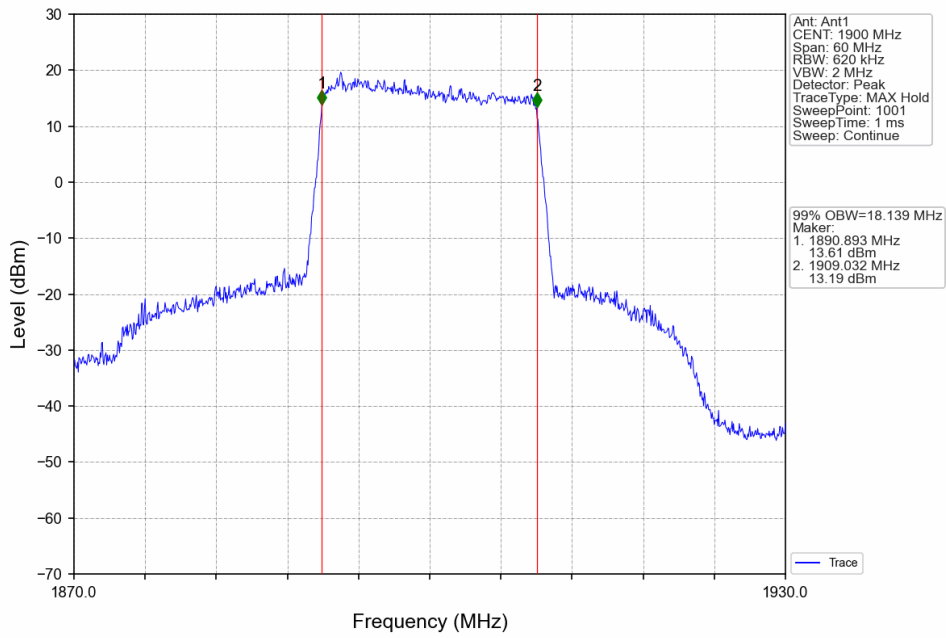
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



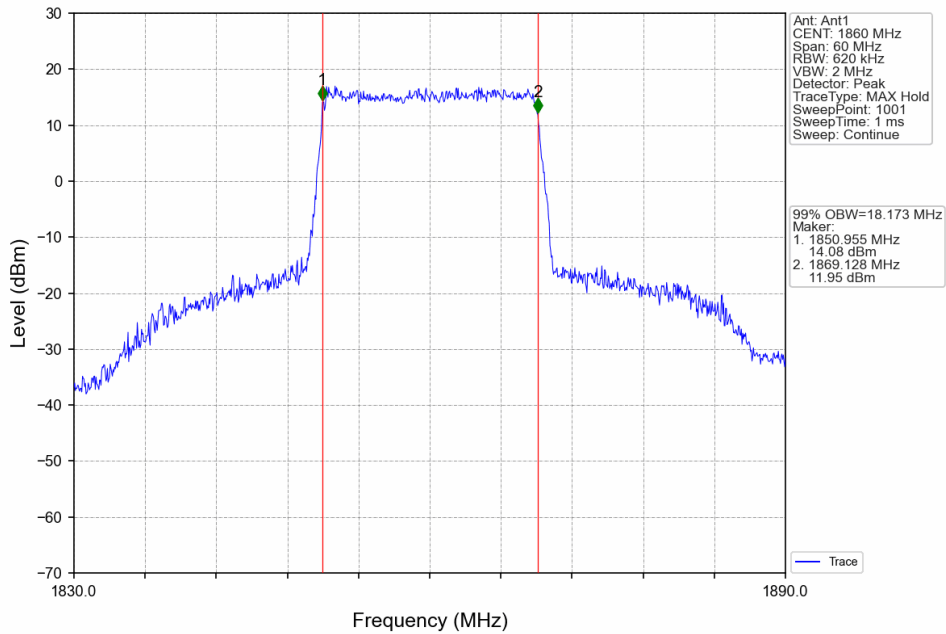
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV



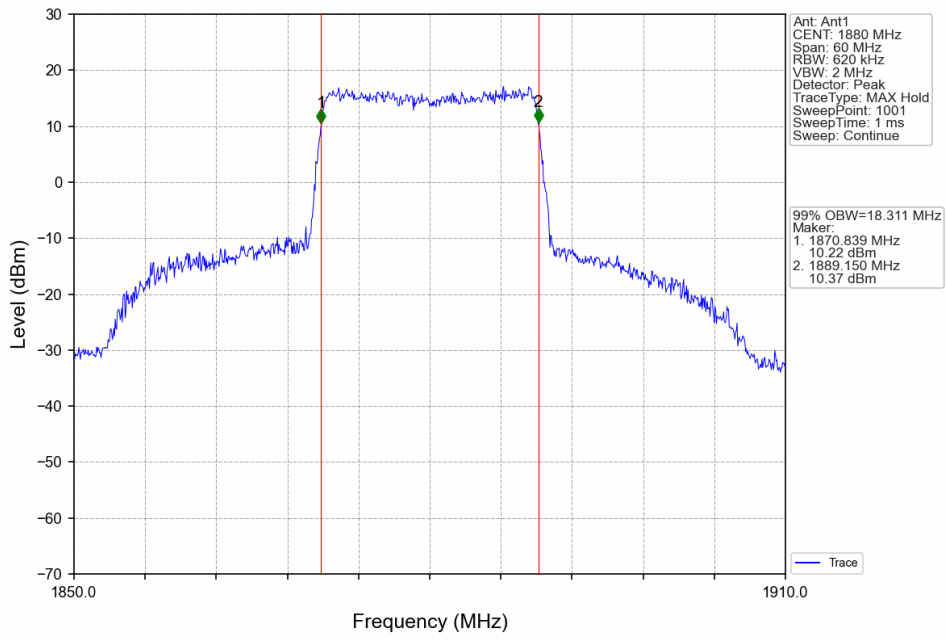
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



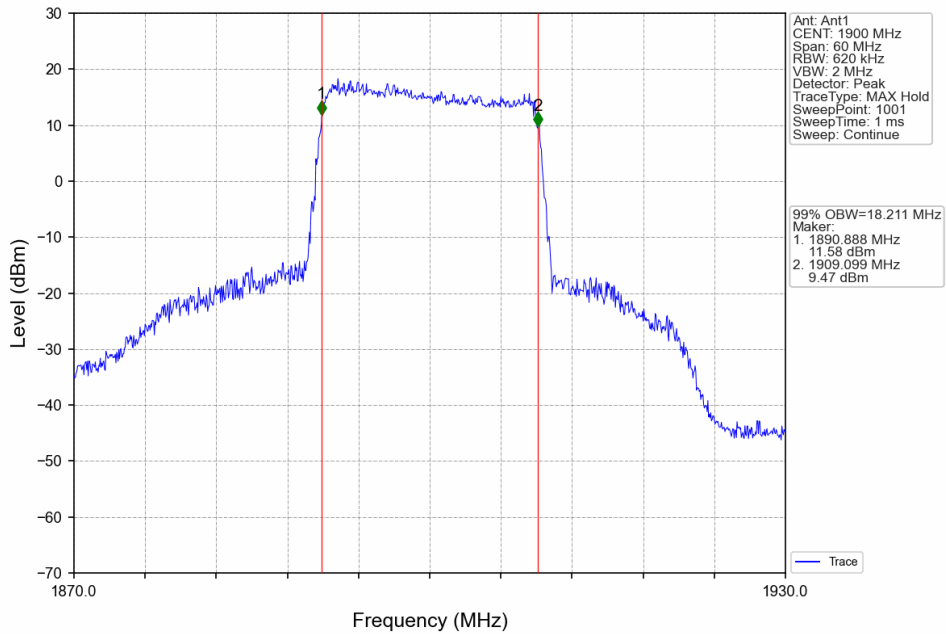
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV

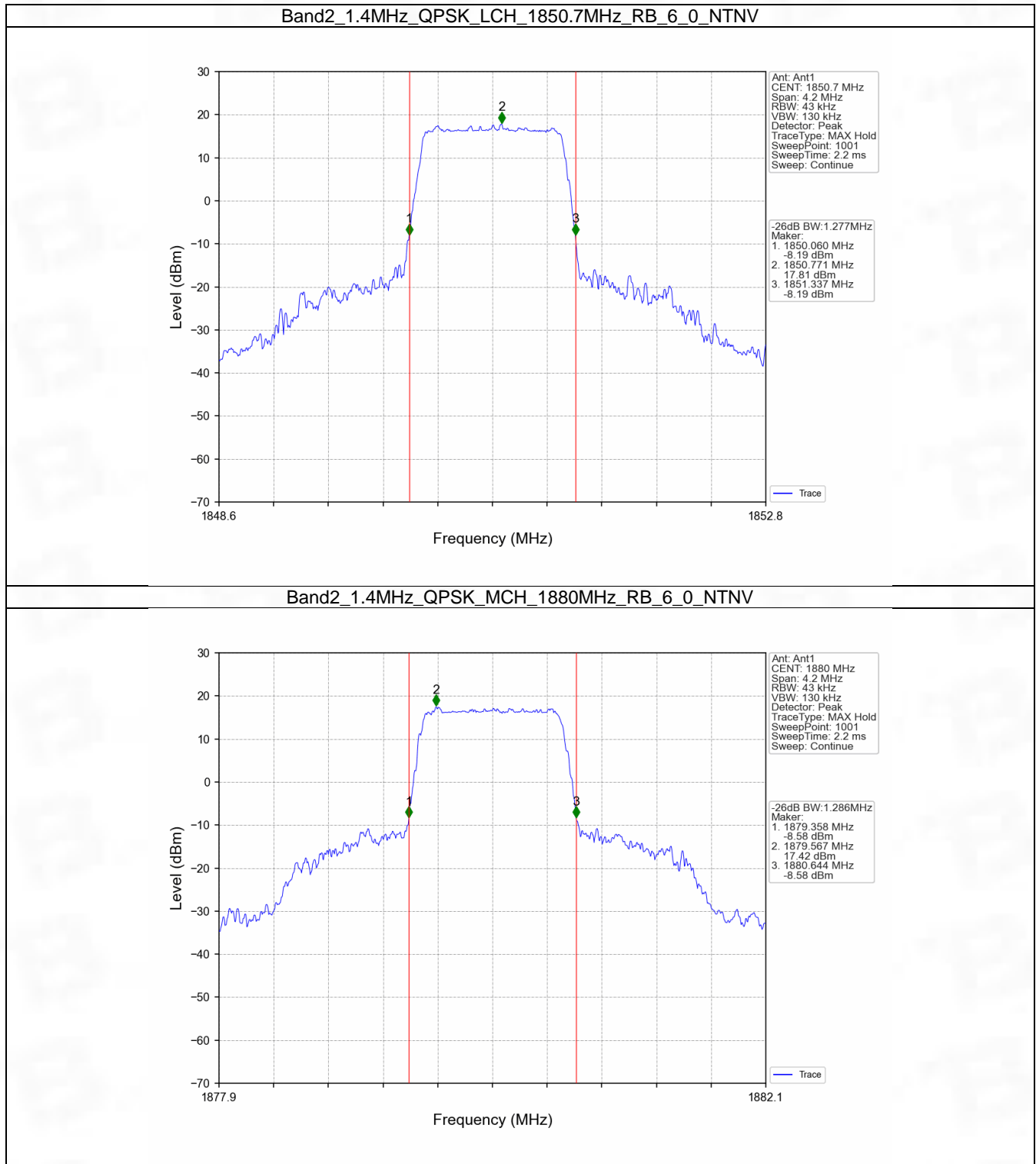


## 4.2 Band2\_XDB

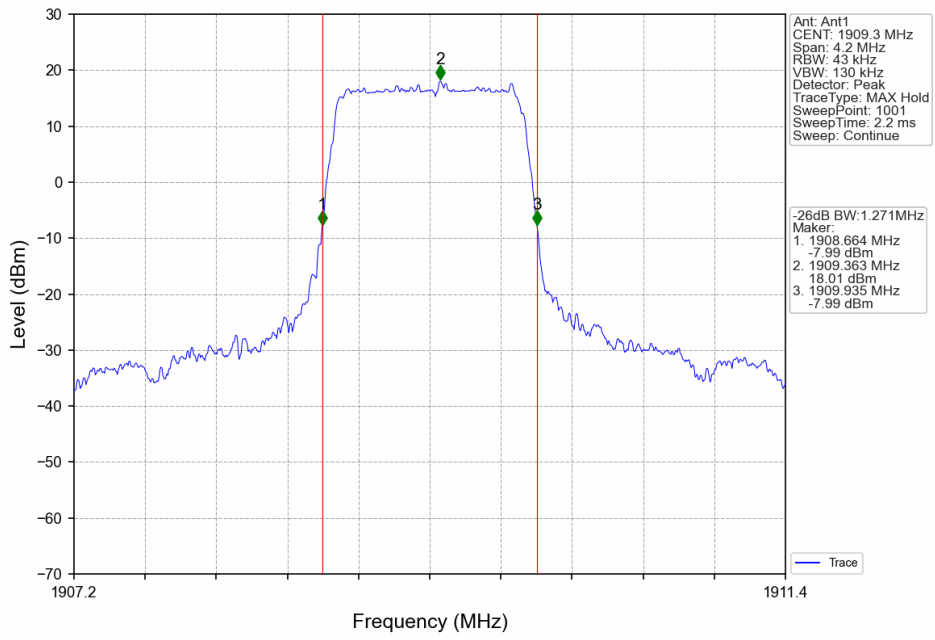
### 4.2.1 Test Result

Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.277	Pass
		1880	6	0	1.286	Pass
		1909.3	6	0	1.271	Pass
	16QAM	1850.7	6	0	1.266	Pass
		1880	6	0	1.274	Pass
		1909.3	6	0	1.274	Pass
3	QPSK	1851.5	15	0	3.100	Pass
		1880	15	0	3.116	Pass
		1908.5	15	0	3.107	Pass
	16QAM	1851.5	15	0	3.123	Pass
		1880	15	0	3.120	Pass
		1908.5	15	0	3.107	Pass
5	QPSK	1852.5	25	0	5.078	Pass
		1880	25	0	5.116	Pass
		1907.5	25	0	5.059	Pass
	16QAM	1852.5	25	0	5.073	Pass
		1880	25	0	5.087	Pass
		1907.5	25	0	5.035	Pass
10	QPSK	1855	50	0	10.026	Pass
		1880	50	0	10.085	Pass
		1905	50	0	10.067	Pass
	16QAM	1855	50	0	10.107	Pass
		1880	50	0	10.538	Pass
		1905	50	0	10.089	Pass
15	QPSK	1857.5	75	0	15.181	Pass
		1880	75	0	14.723	Pass
		1902.5	75	0	15.014	Pass
	16QAM	1857.5	75	0	15.147	Pass
		1880	75	0	15.748	Pass
		1902.5	75	0	15.161	Pass
20	QPSK	1860	100	0	20.105	Pass
		1880	100	0	20.219	Pass
		1900	100	0	19.881	Pass
	16QAM	1860	100	0	20.139	Pass
		1880	100	0	20.553	Pass
		1900	100	0	19.935	Pass

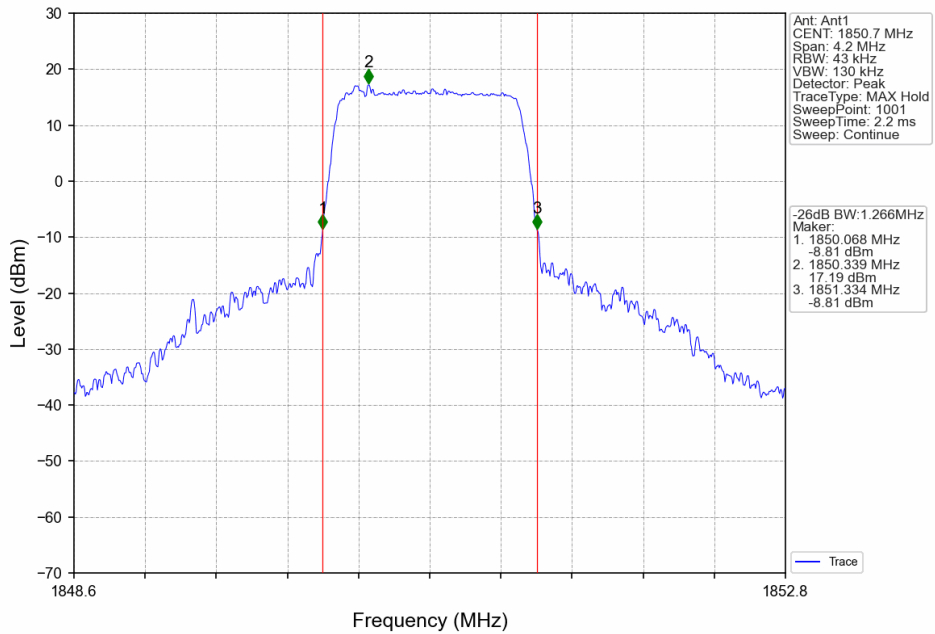
## 4.2.2 Test Graph



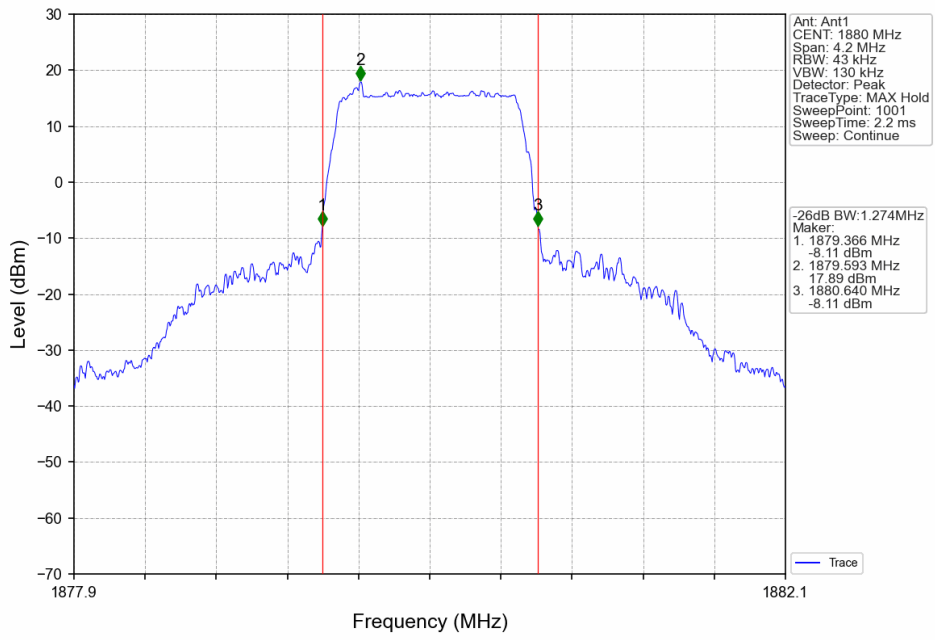
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



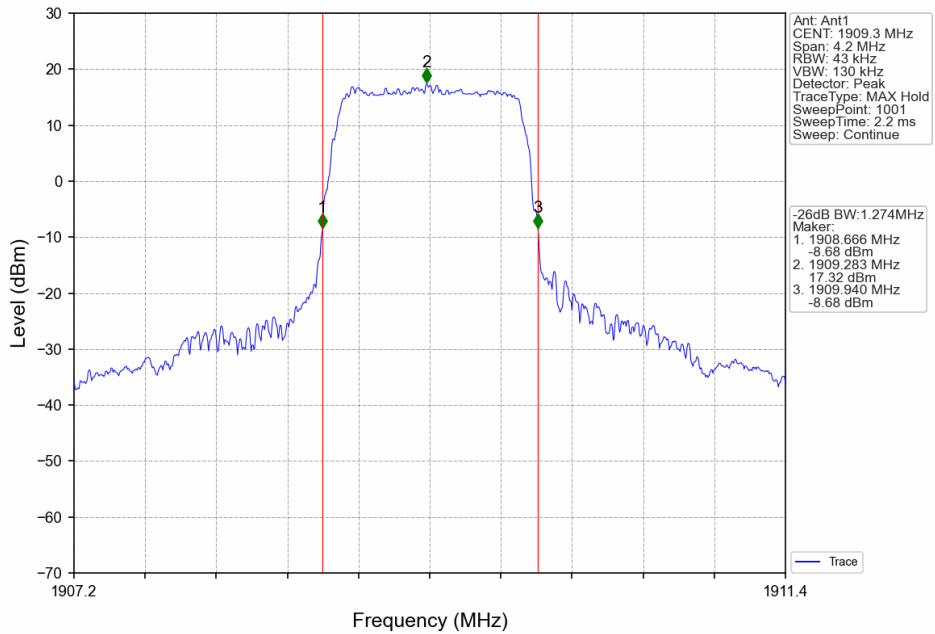
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



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

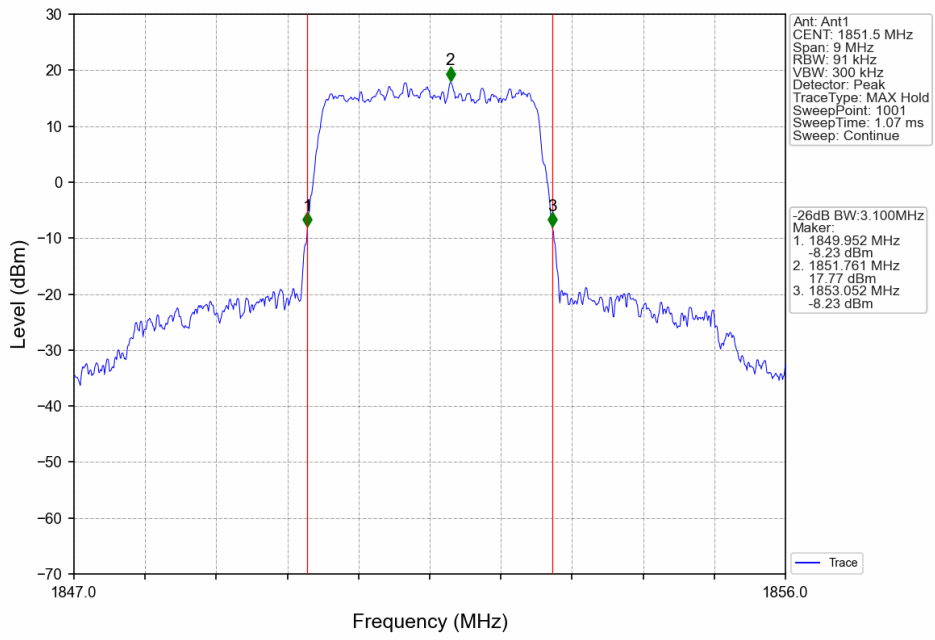


Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV

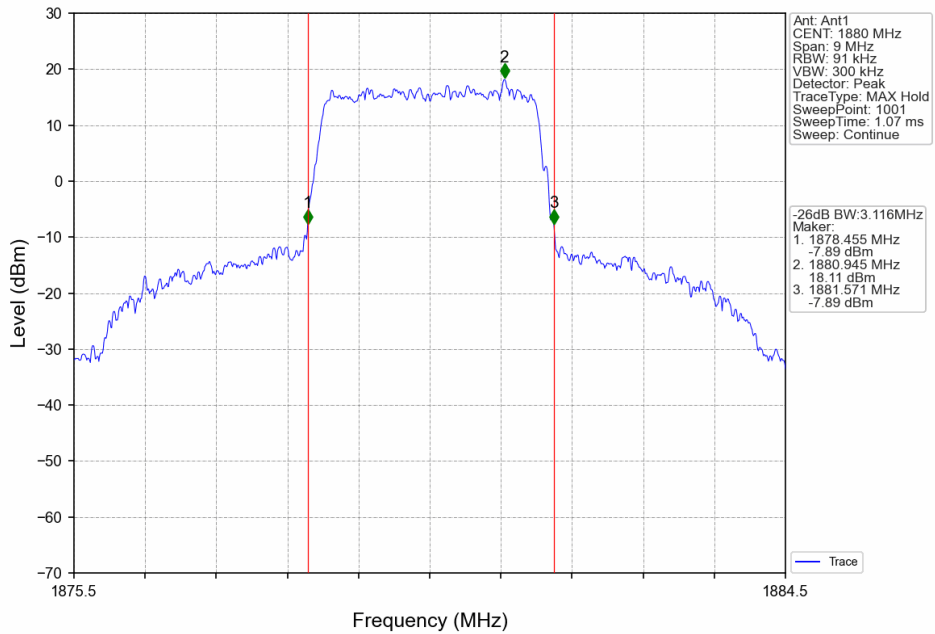




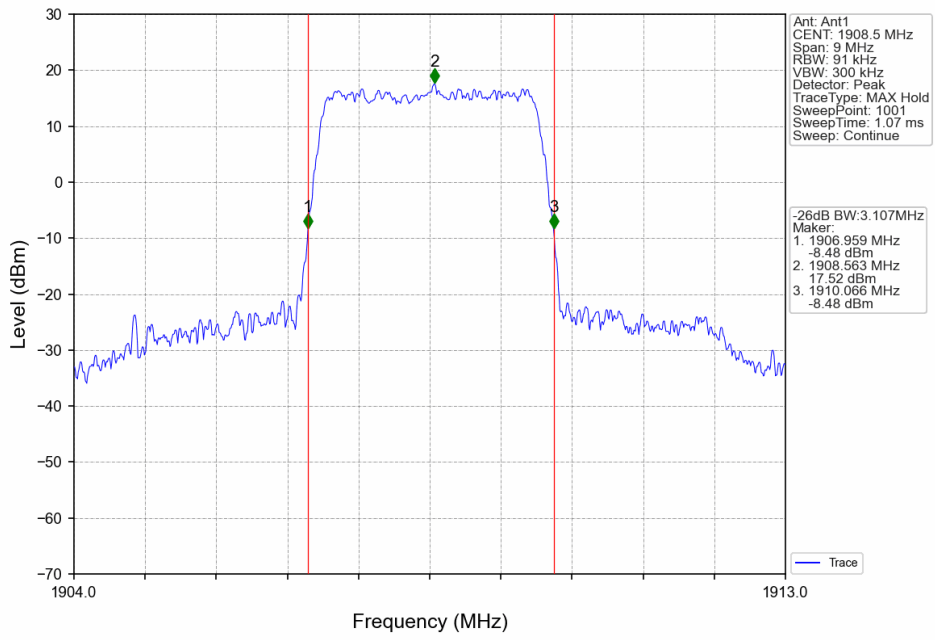
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



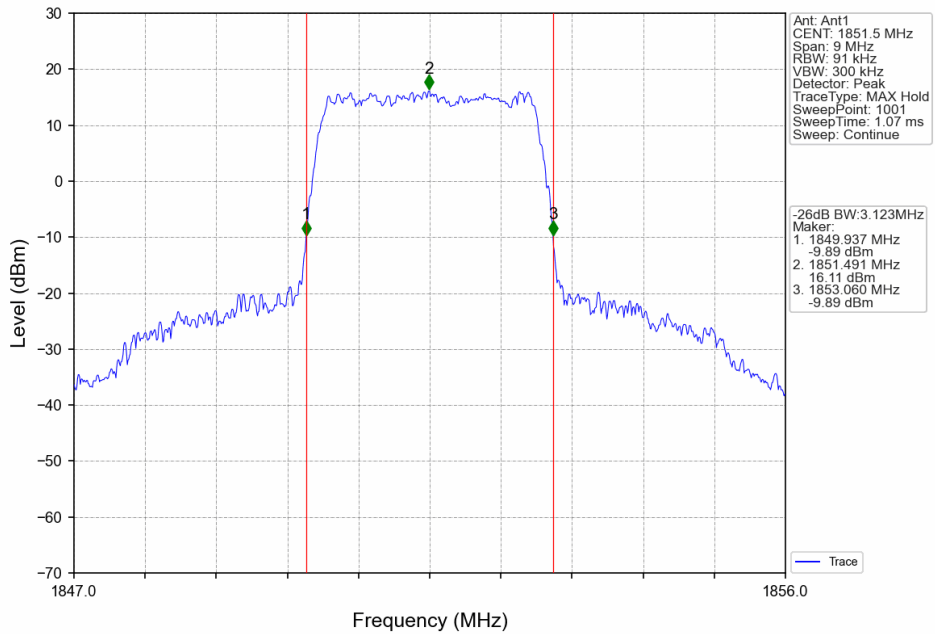
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



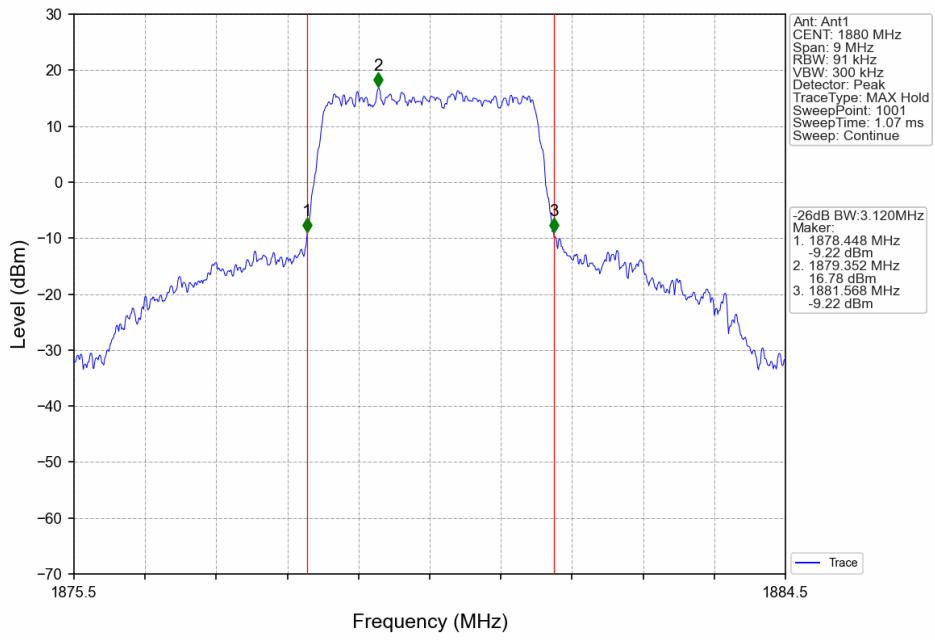
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



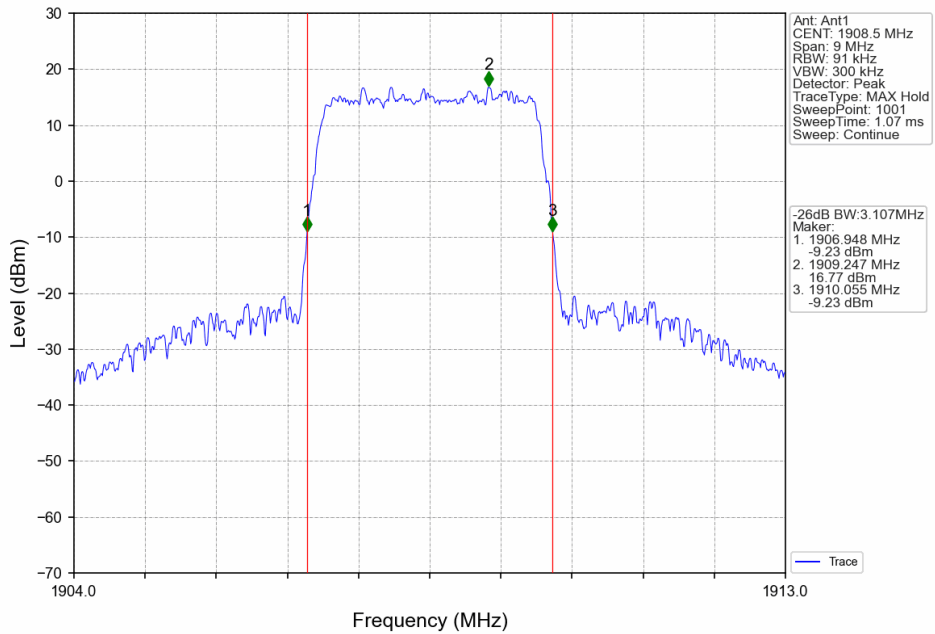
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



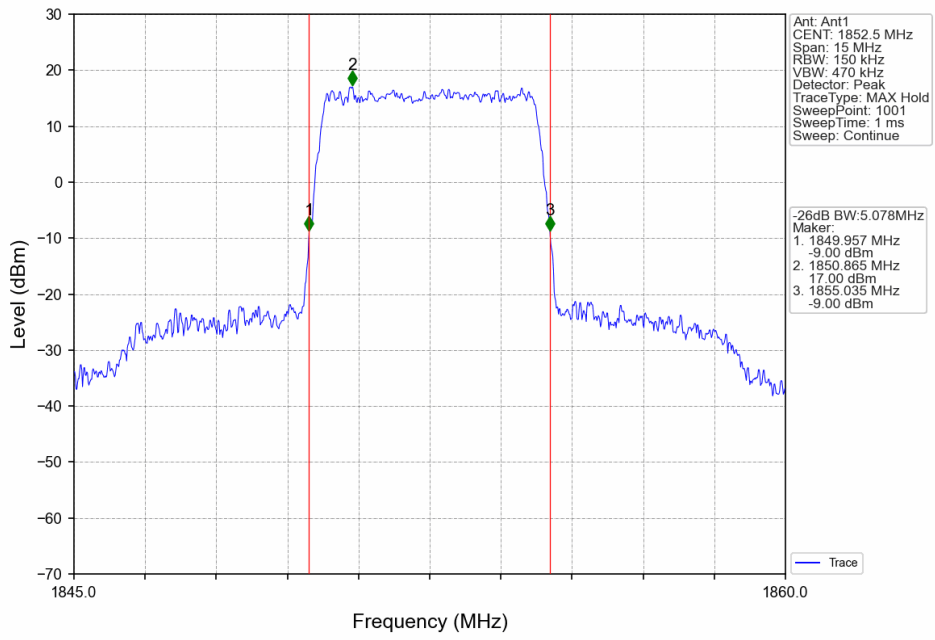
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



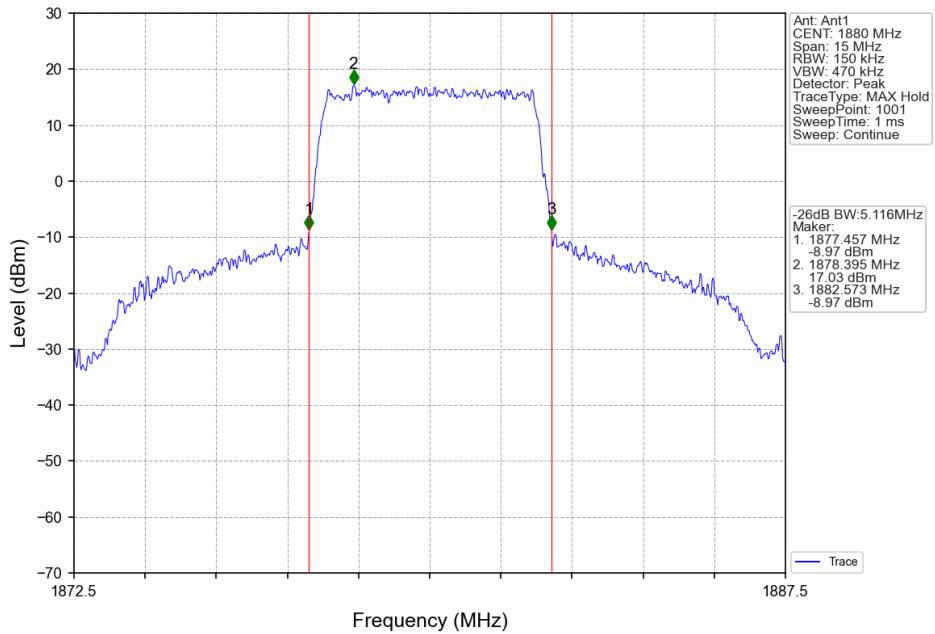
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



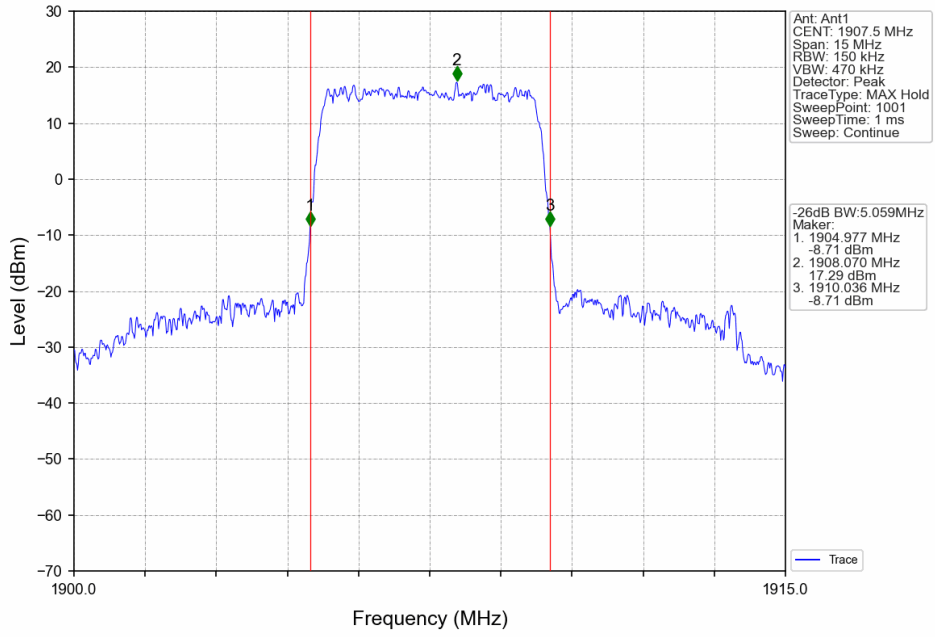
Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



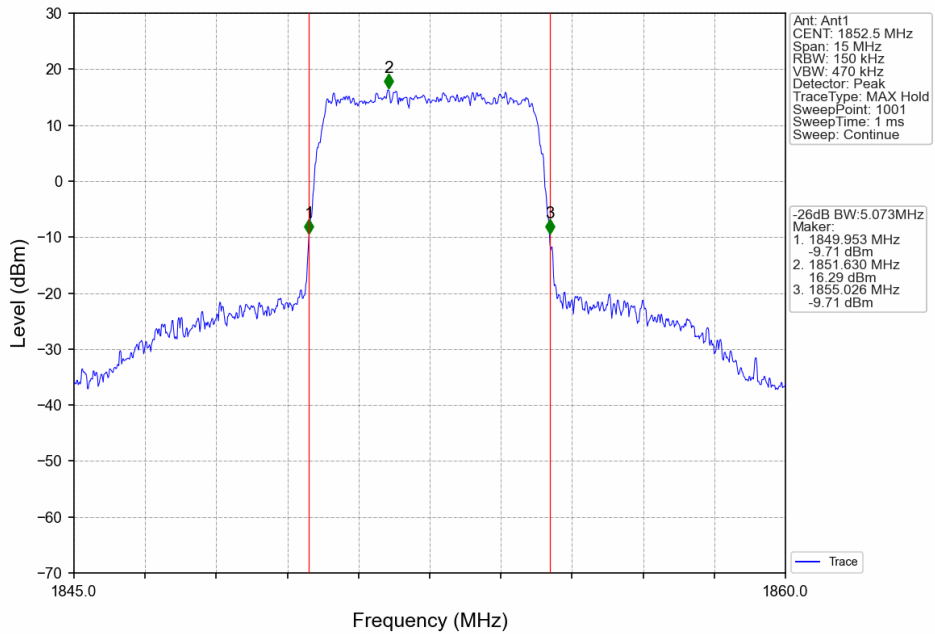
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



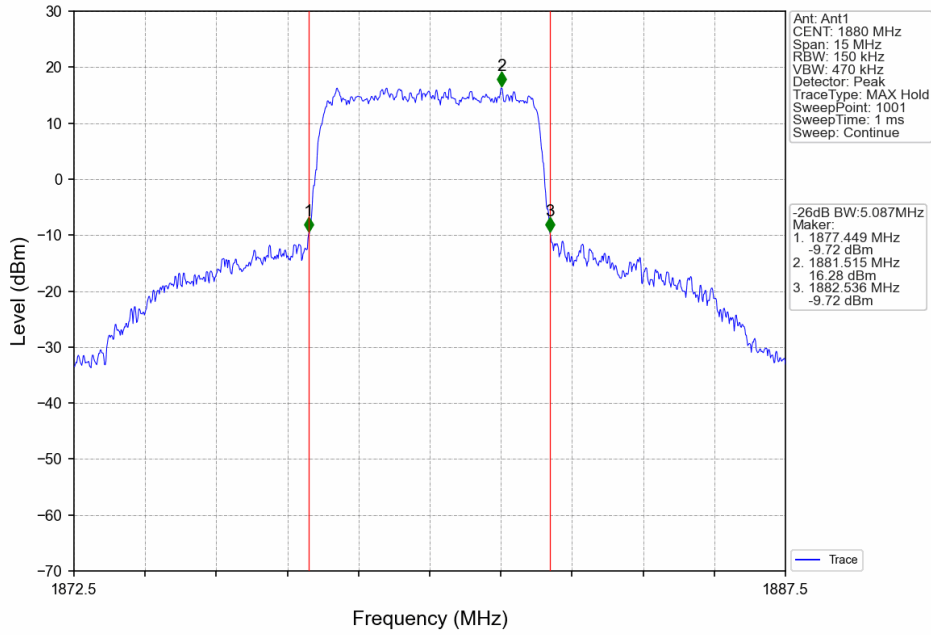
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



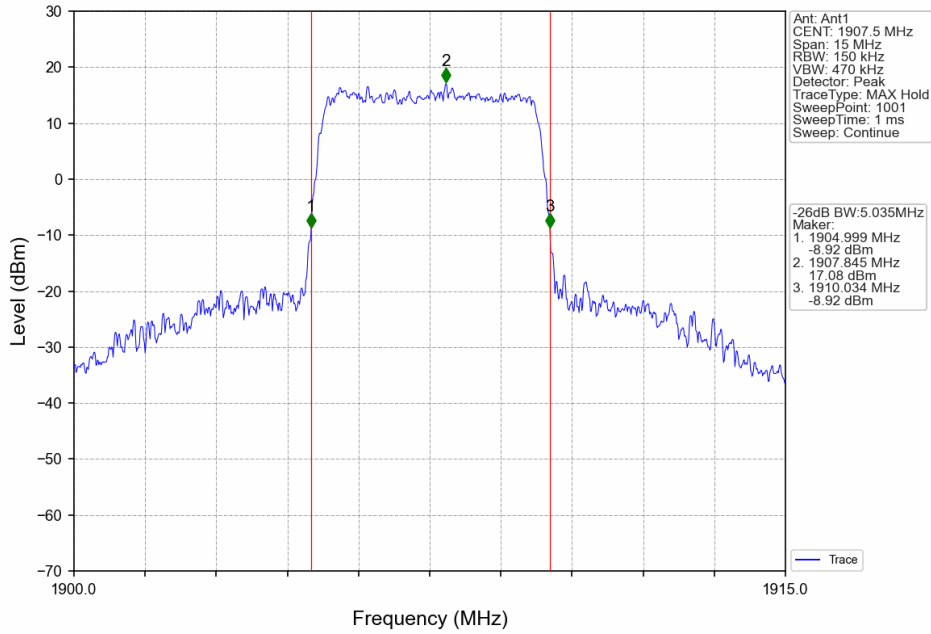
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



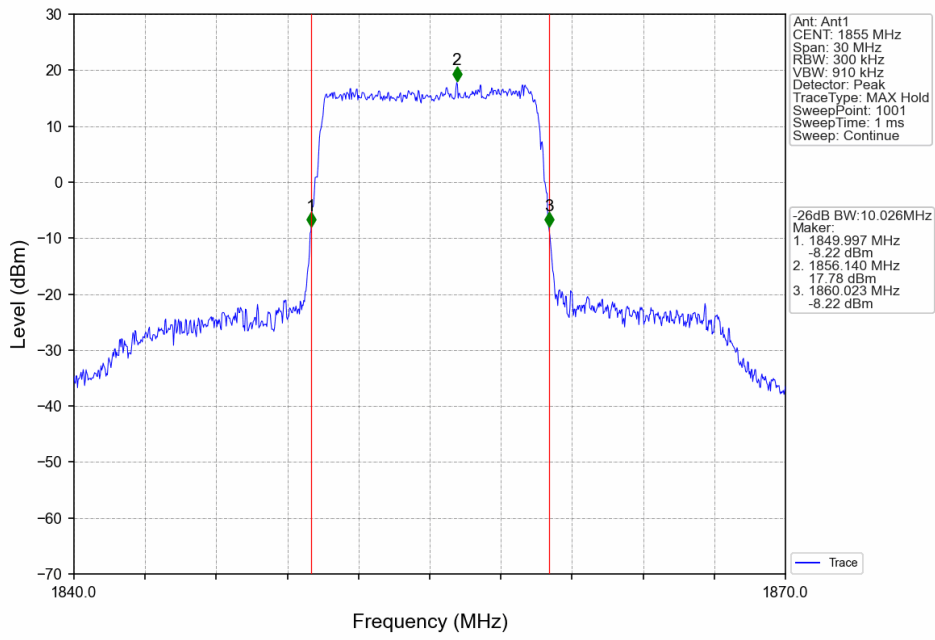
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



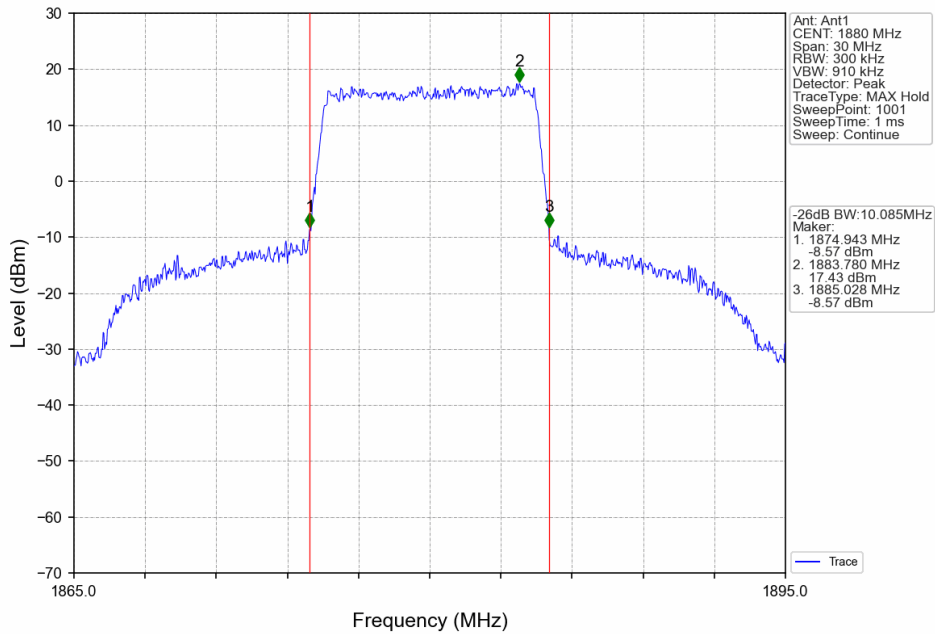
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



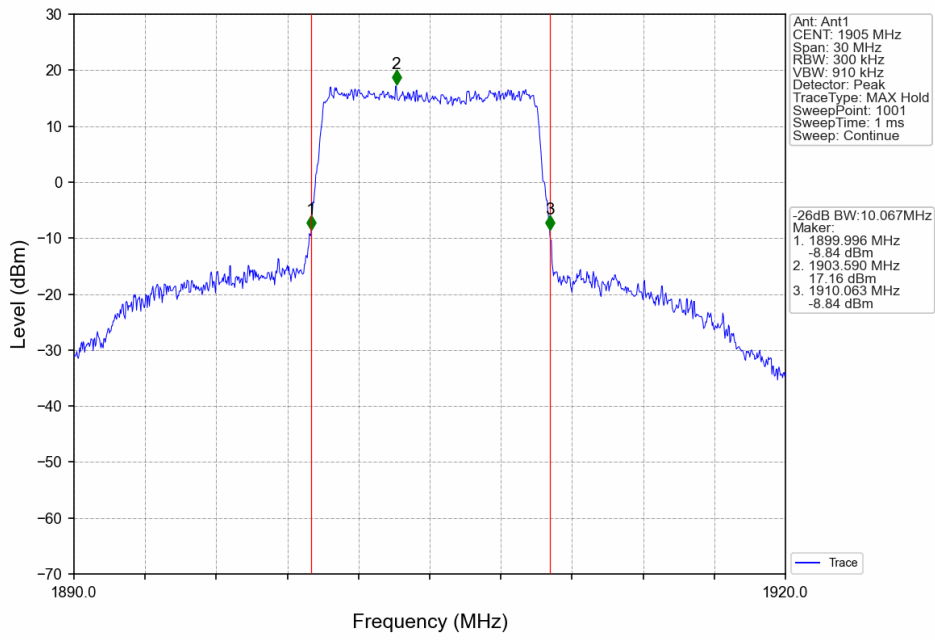
Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



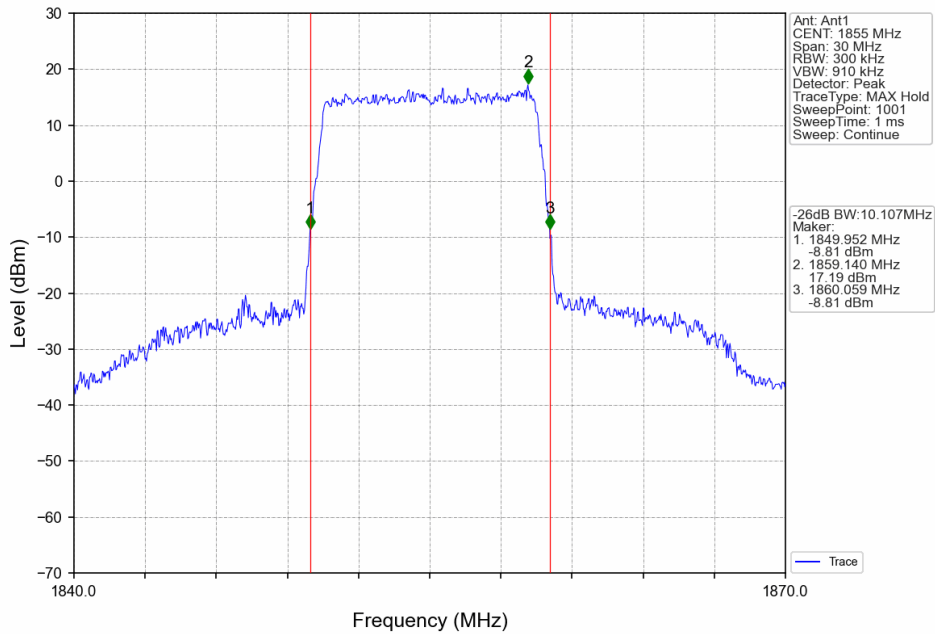
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



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

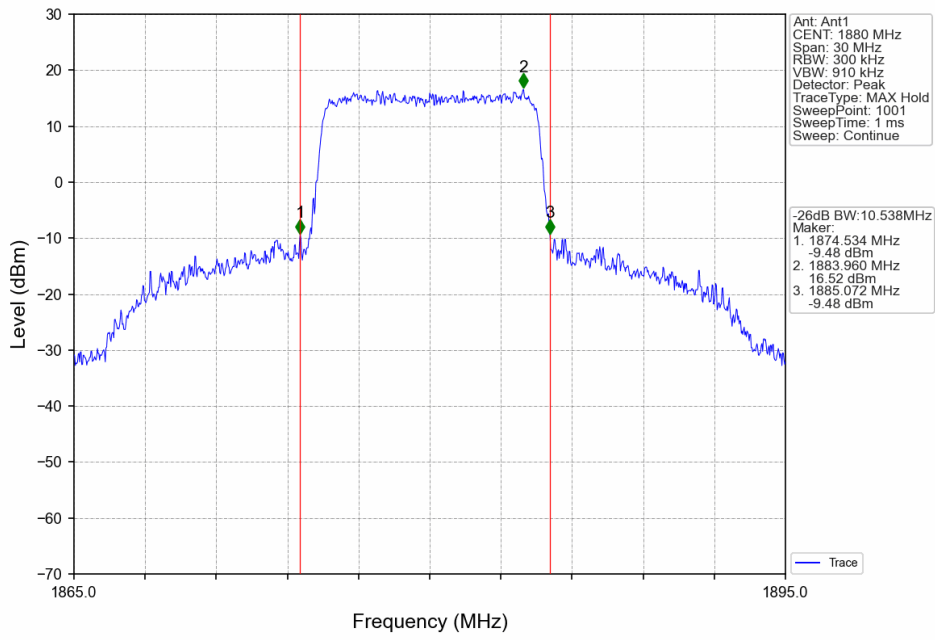


Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV

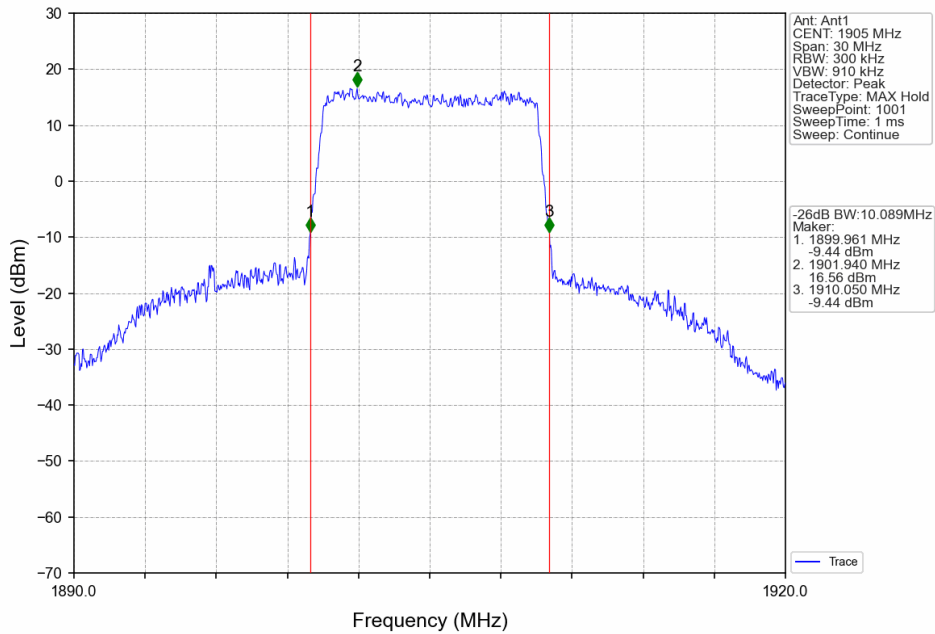




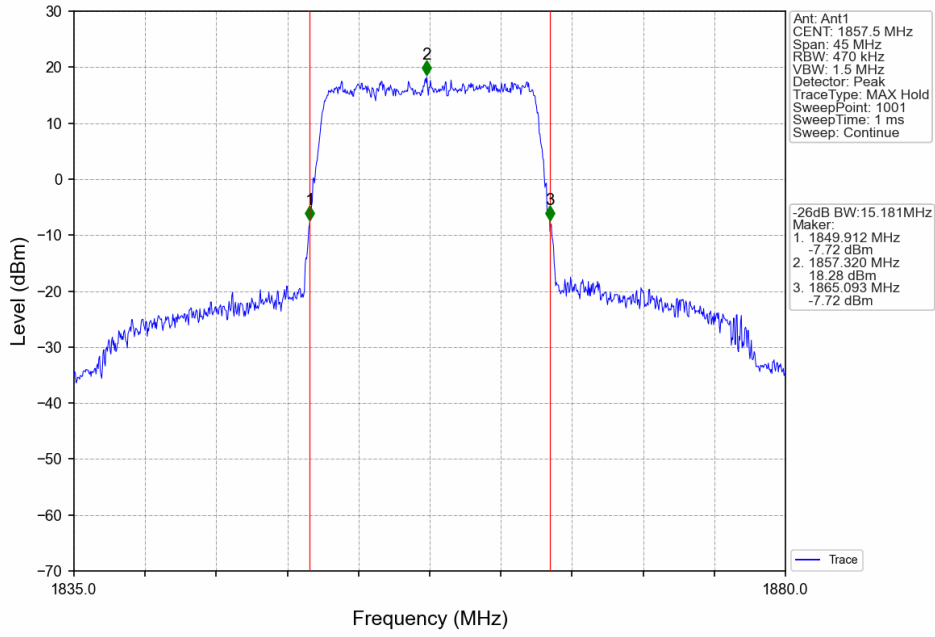
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



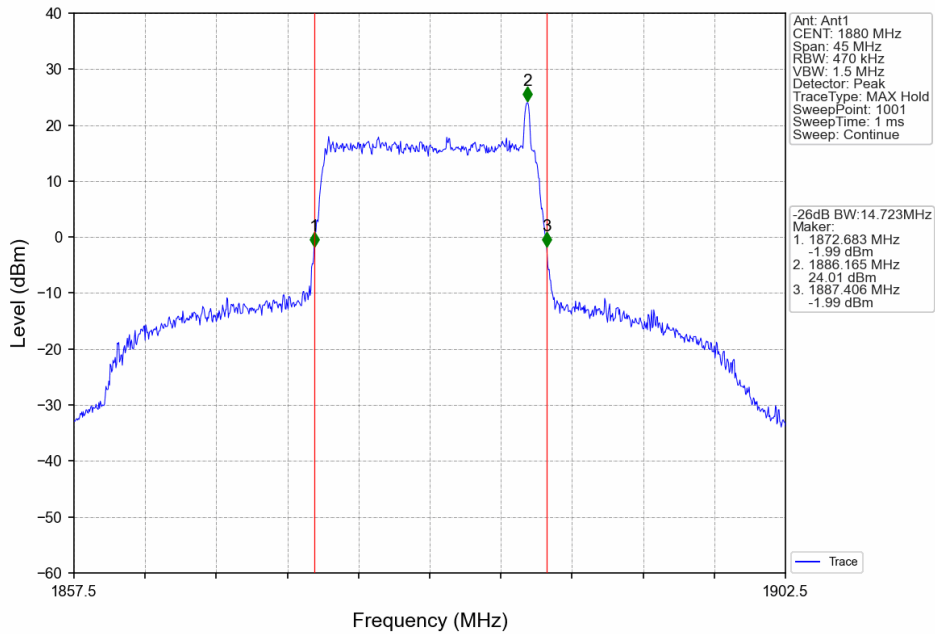
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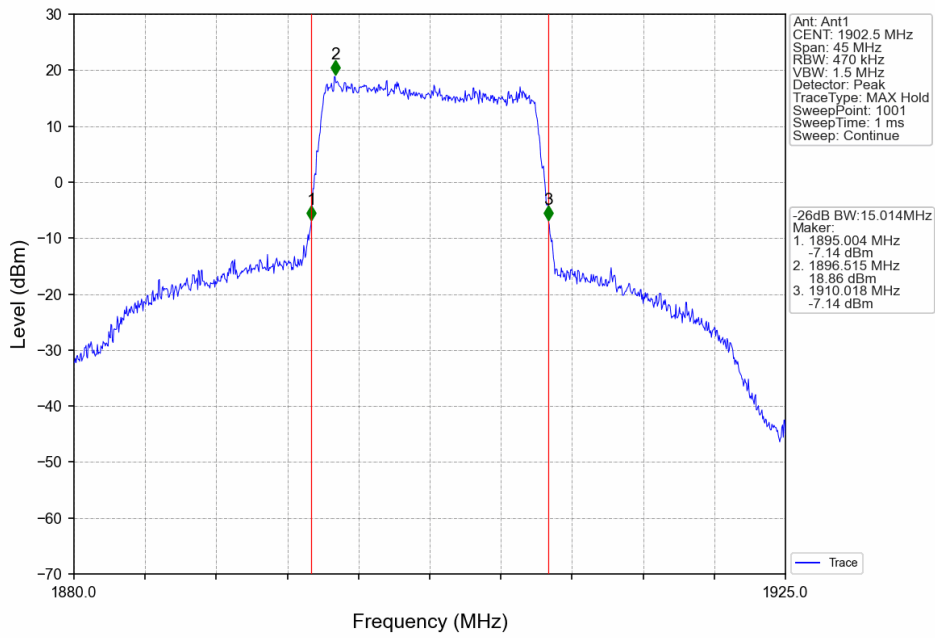
Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



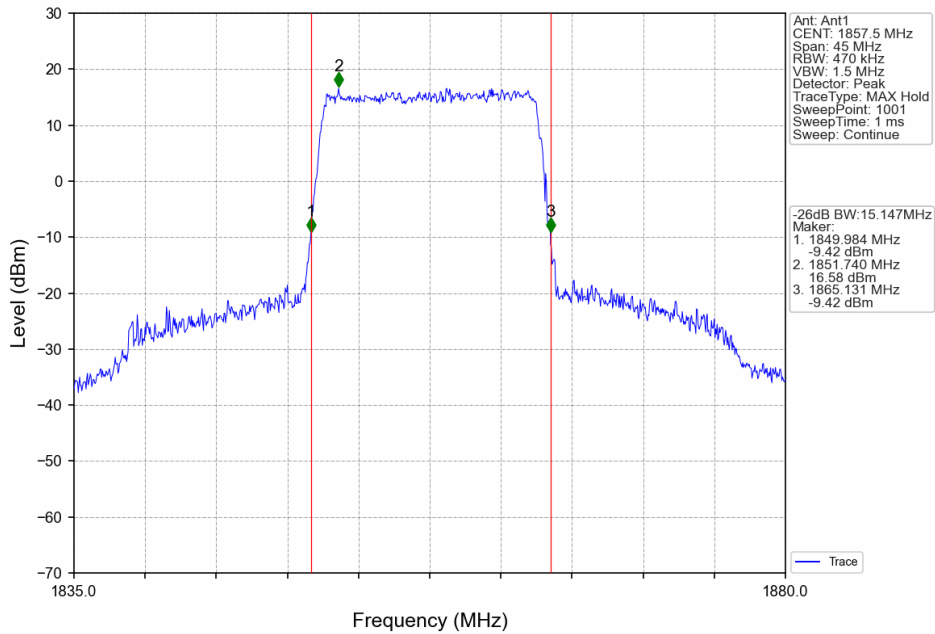
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



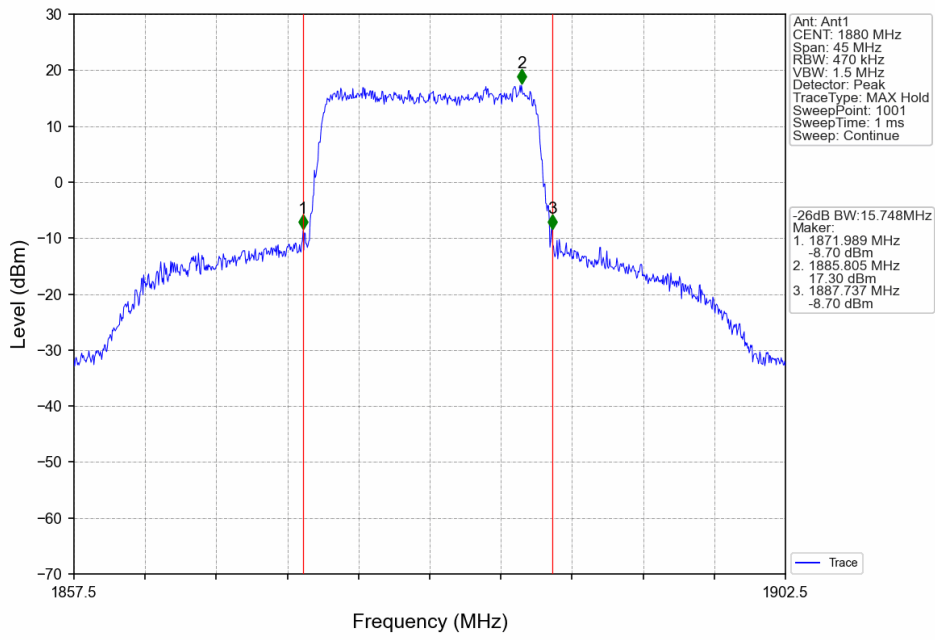
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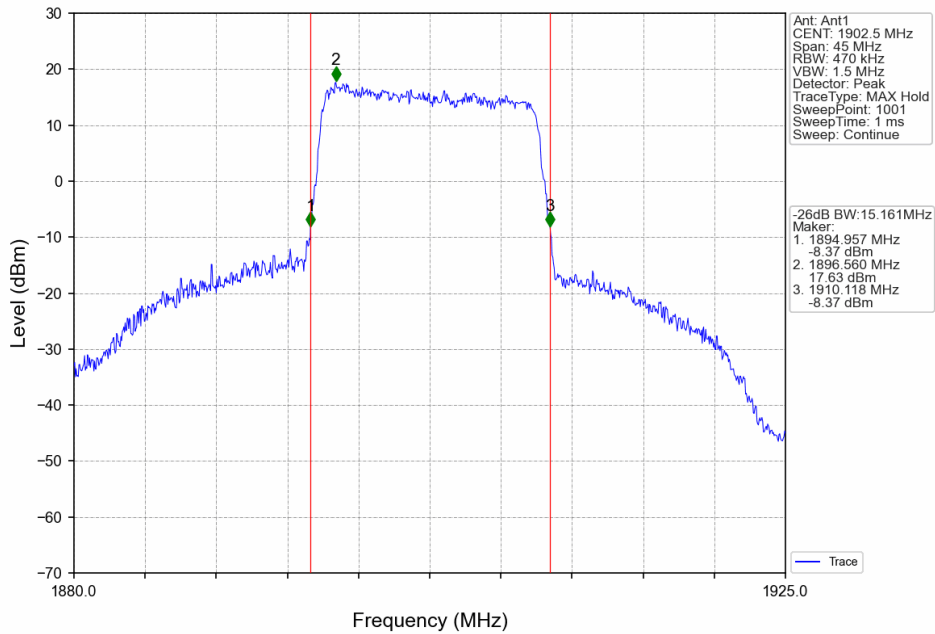
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



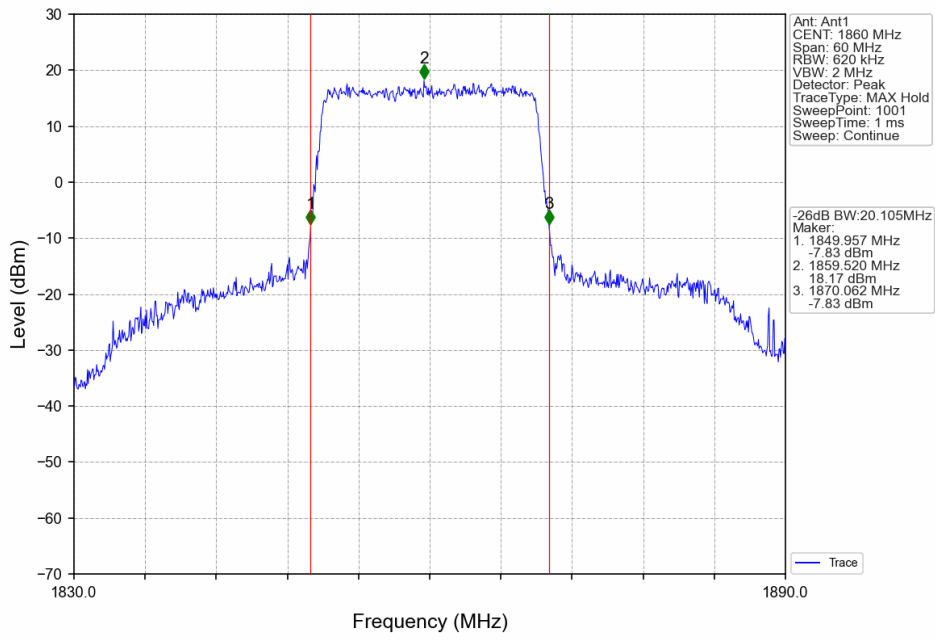
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



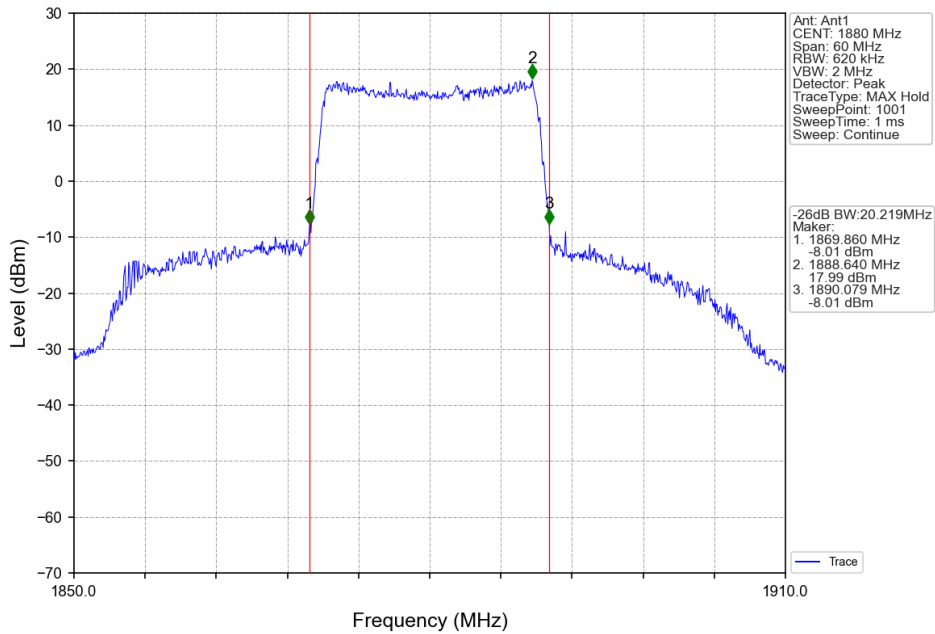
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



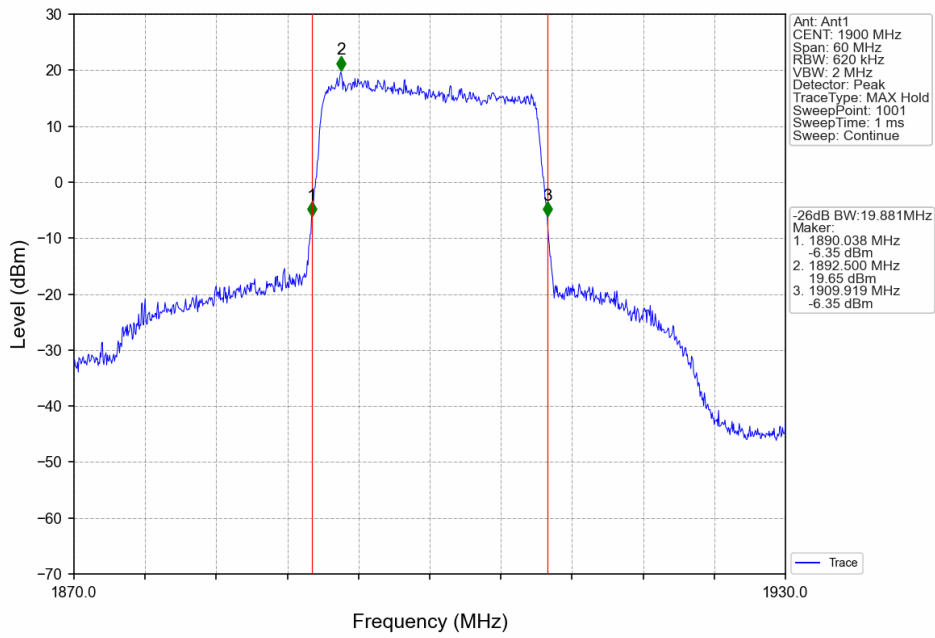
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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



Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV

