

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B2\_1.4MHz\_EIRP

### 1.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1850.7	1	0	20.85	0.56	21.41	<=33.01	Pass		
			2	20.93	0.56	21.49	<=33.01	Pass		
			5	20.81	0.56	21.37	<=33.01	Pass		
		3	0	20.92	0.56	21.48	<=33.01	Pass		
			2	20.95	0.56	21.51	<=33.01	Pass		
			3	20.89	0.56	21.45	<=33.01	Pass		
		6	0	19.87	0.56	20.43	<=33.01	Pass		
		1880	1	0	20.85	0.56	21.41	<=33.01	Pass	
				2	20.92	0.56	21.48	<=33.01	Pass	
	5			20.82	0.56	21.38	<=33.01	Pass		
	3		0	20.94	0.56	21.50	<=33.01	Pass		
			2	20.96	0.56	21.52	<=33.01	Pass		
			3	20.93	0.56	21.49	<=33.01	Pass		
	6	0	19.91	0.56	20.47	<=33.01	Pass			
	1909.3	1	0	21.06	0.56	21.62	<=33.01	Pass		
			2	21.23	0.56	21.79	<=33.01	Pass		
			5	21.11	0.56	21.67	<=33.01	Pass		
		3	0	21.17	0.56	21.73	<=33.01	Pass		
			2	21.17	0.56	21.73	<=33.01	Pass		
			3	21.12	0.56	21.68	<=33.01	Pass		
		6	0	20.13	0.56	20.69	<=33.01	Pass		
		16QAM	1850.7	1	0	19.97	0.56	20.53	<=33.01	Pass
					2	20.13	0.56	20.69	<=33.01	Pass
	5				19.96	0.56	20.52	<=33.01	Pass	
3	0			19.90	0.56	20.46	<=33.01	Pass		
	2			19.92	0.56	20.48	<=33.01	Pass		
	3			19.93	0.56	20.49	<=33.01	Pass		
6	0			18.96	0.56	19.52	<=33.01	Pass		
1880	1			0	19.84	0.56	20.40	<=33.01	Pass	
				2	20.00	0.56	20.56	<=33.01	Pass	
			5	19.84	0.56	20.40	<=33.01	Pass		
	3		0	20.11	0.56	20.67	<=33.01	Pass		
			2	20.14	0.56	20.70	<=33.01	Pass		
			3	20.12	0.56	20.68	<=33.01	Pass		
6	0		18.98	0.56	19.54	<=33.01	Pass			
1909.3	1		0	20.02	0.56	20.58	<=33.01	Pass		
			2	20.16	0.56	20.72	<=33.01	Pass		
			5	20.12	0.56	20.68	<=33.01	Pass		
	3		0	20.21	0.56	20.77	<=33.01	Pass		
			2	20.22	0.56	20.78	<=33.01	Pass		
			3	20.13	0.56	20.69	<=33.01	Pass		
	6		0	19.11	0.56	19.67	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.2 B2\_3MHz\_EIRP

### 1.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1851.5	1	0	21.01	0.56	21.57	<=33.01	Pass		
			7	21.09	0.56	21.65	<=33.01	Pass		
			14	20.93	0.56	21.49	<=33.01	Pass		
		8	0	19.95	0.56	20.51	<=33.01	Pass		
			4	19.92	0.56	20.48	<=33.01	Pass		
			7	19.89	0.56	20.45	<=33.01	Pass		
		15	0	19.89	0.56	20.45	<=33.01	Pass		
		1880	1	0	21.02	0.56	21.58	<=33.01	Pass	
				7	21.16	0.56	21.72	<=33.01	Pass	
	14			21.01	0.56	21.57	<=33.01	Pass		
	8		0	20.00	0.56	20.56	<=33.01	Pass		
			4	20.03	0.56	20.59	<=33.01	Pass		
			7	20.00	0.56	20.56	<=33.01	Pass		
	15		0	19.99	0.56	20.55	<=33.01	Pass		
	1908.5		1	0	21.12	0.56	21.68	<=33.01	Pass	
				7	21.32	0.56	21.88	<=33.01	Pass	
		14		21.21	0.56	21.77	<=33.01	Pass		
		8	0	20.16	0.56	20.72	<=33.01	Pass		
			4	20.24	0.56	20.80	<=33.01	Pass		
			7	20.22	0.56	20.78	<=33.01	Pass		
		15	0	20.16	0.56	20.72	<=33.01	Pass		
		16QAM	1851.5	1	0	19.96	0.56	20.52	<=33.01	Pass
					7	20.06	0.56	20.62	<=33.01	Pass
	14				19.87	0.56	20.43	<=33.01	Pass	
8	0			19.07	0.56	19.63	<=33.01	Pass		
	4			19.07	0.56	19.63	<=33.01	Pass		
	7			19.03	0.56	19.59	<=33.01	Pass		
15	0			19.03	0.56	19.59	<=33.01	Pass		
1880	1			0	20.12	0.56	20.68	<=33.01	Pass	
				7	20.29	0.56	20.85	<=33.01	Pass	
			14	20.16	0.56	20.72	<=33.01	Pass		
	8		0	19.03	0.56	19.59	<=33.01	Pass		
			4	19.08	0.56	19.64	<=33.01	Pass		
			7	19.04	0.56	19.60	<=33.01	Pass		
	15		0	19.02	0.56	19.58	<=33.01	Pass		
	1908.5		1	0	20.66	0.56	21.22	<=33.01	Pass	
				7	20.87	0.56	21.43	<=33.01	Pass	
14				20.73	0.56	21.29	<=33.01	Pass		
8			0	19.38	0.56	19.94	<=33.01	Pass		
			4	19.48	0.56	20.04	<=33.01	Pass		
			7	19.45	0.56	20.01	<=33.01	Pass		
15			0	19.32	0.56	19.88	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.3 B2\_5MHz\_EIRP

### 1.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1852.5	1	0	20.79	0.56	21.35	<=33.01	Pass		
			13	20.85	0.56	21.41	<=33.01	Pass		
			24	20.68	0.56	21.24	<=33.01	Pass		
		12	0	19.79	0.56	20.35	<=33.01	Pass		
			6	19.79	0.56	20.35	<=33.01	Pass		
			13	19.71	0.56	20.27	<=33.01	Pass		
		25	0	19.78	0.56	20.34	<=33.01	Pass		
		1880	1	0	20.80	0.56	21.36	<=33.01	Pass	
				13	20.94	0.56	21.50	<=33.01	Pass	
	24			20.85	0.56	21.41	<=33.01	Pass		
	12		0	19.87	0.56	20.43	<=33.01	Pass		
			6	19.92	0.56	20.48	<=33.01	Pass		
			13	19.85	0.56	20.41	<=33.01	Pass		
	25		0	19.89	0.56	20.45	<=33.01	Pass		
	1907.5		1	0	20.91	0.56	21.47	<=33.01	Pass	
				13	21.13	0.56	21.69	<=33.01	Pass	
		24		21.10	0.56	21.66	<=33.01	Pass		
		12	0	20.04	0.56	20.60	<=33.01	Pass		
			6	20.11	0.56	20.67	<=33.01	Pass		
			13	20.04	0.56	20.60	<=33.01	Pass		
		25	0	20.05	0.56	20.61	<=33.01	Pass		
		16QAM	1852.5	1	0	19.87	0.56	20.43	<=33.01	Pass
					13	19.90	0.56	20.46	<=33.01	Pass
	24				19.77	0.56	20.33	<=33.01	Pass	
12	0			18.88	0.56	19.44	<=33.01	Pass		
	6			18.91	0.56	19.47	<=33.01	Pass		
	13			18.80	0.56	19.36	<=33.01	Pass		
25	0			18.87	0.56	19.43	<=33.01	Pass		
1880	1			0	20.02	0.56	20.58	<=33.01	Pass	
				13	20.18	0.56	20.74	<=33.01	Pass	
			24	20.10	0.56	20.66	<=33.01	Pass		
	12		0	19.04	0.56	19.60	<=33.01	Pass		
			6	19.05	0.56	19.61	<=33.01	Pass		
			13	19.06	0.56	19.62	<=33.01	Pass		
	25		0	18.94	0.56	19.50	<=33.01	Pass		
	1907.5		1	0	19.72	0.56	20.28	<=33.01	Pass	
				13	19.99	0.56	20.55	<=33.01	Pass	
24				19.93	0.56	20.49	<=33.01	Pass		
12			0	19.17	0.56	19.73	<=33.01	Pass		
			6	19.20	0.56	19.76	<=33.01	Pass		
			13	19.17	0.56	19.73	<=33.01	Pass		
25			0	19.16	0.56	19.72	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

### 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	20.82	0.56	21.38	<=33.01	Pass		
			25	20.97	0.56	21.53	<=33.01	Pass		
			49	20.70	0.56	21.26	<=33.01	Pass		
		25	0	19.90	0.56	20.46	<=33.01	Pass		
			13	19.78	0.56	20.34	<=33.01	Pass		
			25	19.75	0.56	20.31	<=33.01	Pass		
		50	0	19.85	0.56	20.41	<=33.01	Pass		
		1880	1	0	20.84	0.56	21.40	<=33.01	Pass	
				25	21.13	0.56	21.69	<=33.01	Pass	
	49			20.87	0.56	21.43	<=33.01	Pass		
	25		0	20.00	0.56	20.56	<=33.01	Pass		
			13	19.98	0.56	20.54	<=33.01	Pass		
			25	19.92	0.56	20.48	<=33.01	Pass		
	50		0	19.98	0.56	20.54	<=33.01	Pass		
	1905		1	0	20.91	0.56	21.47	<=33.01	Pass	
				25	21.24	0.56	21.80	<=33.01	Pass	
		49		21.11	0.56	21.67	<=33.01	Pass		
		25	0	20.02	0.56	20.58	<=33.01	Pass		
			13	20.03	0.56	20.59	<=33.01	Pass		
			25	20.09	0.56	20.65	<=33.01	Pass		
		50	0	20.06	0.56	20.62	<=33.01	Pass		
		16QAM	1855	1	0	19.79	0.56	20.35	<=33.01	Pass
					25	19.93	0.56	20.49	<=33.01	Pass
	49				19.63	0.56	20.19	<=33.01	Pass	
25	0			19.08	0.56	19.64	<=33.01	Pass		
	13			18.95	0.56	19.51	<=33.01	Pass		
	25			18.91	0.56	19.47	<=33.01	Pass		
50	0			18.94	0.56	19.50	<=33.01	Pass		
1880	1			0	19.94	0.56	20.50	<=33.01	Pass	
				25	20.27	0.56	20.83	<=33.01	Pass	
			49	20.01	0.56	20.57	<=33.01	Pass		
	25		0	19.07	0.56	19.63	<=33.01	Pass		
			13	19.06	0.56	19.62	<=33.01	Pass		
			25	19.02	0.56	19.58	<=33.01	Pass		
	50		0	19.05	0.56	19.61	<=33.01	Pass		
	1905		1	0	20.20	0.56	20.76	<=33.01	Pass	
				25	20.69	0.56	21.25	<=33.01	Pass	
49				20.65	0.56	21.21	<=33.01	Pass		
25			0	19.09	0.56	19.65	<=33.01	Pass		
			13	19.13	0.56	19.69	<=33.01	Pass		
			25	19.18	0.56	19.74	<=33.01	Pass		
50			0	19.13	0.56	19.69	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.5 B2\_15MHz\_EIRP

### 1.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTN
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1857.5	1	0	20.64	0.56	21.20	<=33.01	Pass		
			38	20.78	0.56	21.34	<=33.01	Pass		
			74	20.55	0.56	21.11	<=33.01	Pass		
		36	0	19.79	0.56	20.35	<=33.01	Pass		
			18	19.75	0.56	20.31	<=33.01	Pass		
			39	19.77	0.56	20.33	<=33.01	Pass		
		75	0	19.79	0.56	20.35	<=33.01	Pass		
		1880	1	0	20.67	0.56	21.23	<=33.01	Pass	
				38	20.94	0.56	21.50	<=33.01	Pass	
	74			20.68	0.56	21.24	<=33.01	Pass		
	36		0	19.92	0.56	20.48	<=33.01	Pass		
			18	19.94	0.56	20.50	<=33.01	Pass		
			39	19.90	0.56	20.46	<=33.01	Pass		
	75		0	19.93	0.56	20.49	<=33.01	Pass		
	1902.5		1	0	20.75	0.56	21.31	<=33.01	Pass	
				38	20.95	0.56	21.51	<=33.01	Pass	
		74		20.97	0.56	21.53	<=33.01	Pass		
		36	0	19.96	0.56	20.52	<=33.01	Pass		
			18	20.04	0.56	20.60	<=33.01	Pass		
			39	19.99	0.56	20.55	<=33.01	Pass		
		75	0	19.97	0.56	20.53	<=33.01	Pass		
		16QAM	1857.5	1	0	20.05	0.56	20.61	<=33.01	Pass
					38	20.08	0.56	20.64	<=33.01	Pass
	74				19.71	0.56	20.27	<=33.01	Pass	
36	0			18.85	0.56	19.41	<=33.01	Pass		
	18			18.80	0.56	19.36	<=33.01	Pass		
	39			18.80	0.56	19.36	<=33.01	Pass		
75	0			18.80	0.56	19.36	<=33.01	Pass		
1880	1			0	19.74	0.56	20.30	<=33.01	Pass	
				38	20.05	0.56	20.61	<=33.01	Pass	
			74	19.82	0.56	20.38	<=33.01	Pass		
	36		0	18.99	0.56	19.55	<=33.01	Pass		
			18	19.02	0.56	19.58	<=33.01	Pass		
			39	18.99	0.56	19.55	<=33.01	Pass		
	75		0	18.98	0.56	19.54	<=33.01	Pass		
	1902.5		1	0	19.99	0.56	20.55	<=33.01	Pass	
				38	20.35	0.56	20.91	<=33.01	Pass	
74				20.52	0.56	21.08	<=33.01	Pass		
36			0	18.96	0.56	19.52	<=33.01	Pass		
			18	19.08	0.56	19.64	<=33.01	Pass		
			39	19.08	0.56	19.64	<=33.01	Pass		
75			0	18.97	0.56	19.53	<=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	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit			
QPSK	1860	1	0	20.48	0.56	21.04	<=33.01	Pass		
			50	20.84	0.56	21.40	<=33.01	Pass		
			99	20.44	0.56	21.00	<=33.01	Pass		
		50	0	19.81	0.56	20.37	<=33.01	Pass		
			25	19.68	0.56	20.24	<=33.01	Pass		
			50	19.80	0.56	20.36	<=33.01	Pass		
		100	0	19.77	0.56	20.33	<=33.01	Pass		
		1880	1	0	20.47	0.56	21.03	<=33.01	Pass	
				50	21.07	0.56	21.63	<=33.01	Pass	
	99			20.56	0.56	21.12	<=33.01	Pass		
	50		0	19.92	0.56	20.48	<=33.01	Pass		
			25	19.91	0.56	20.47	<=33.01	Pass		
			50	19.86	0.56	20.42	<=33.01	Pass		
	100		0	19.88	0.56	20.44	<=33.01	Pass		
	1900		1	0	20.48	0.56	21.04	<=33.01	Pass	
				50	21.10	0.56	21.66	<=33.01	Pass	
		99		20.80	0.56	21.36	<=33.01	Pass		
		50	0	19.74	0.56	20.30	<=33.01	Pass		
			25	19.84	0.56	20.40	<=33.01	Pass		
			50	19.89	0.56	20.45	<=33.01	Pass		
		100	0	19.85	0.56	20.41	<=33.01	Pass		
		16QAM	1860	1	0	20.00	0.56	20.56	<=33.01	Pass
					50	20.25	0.56	20.81	<=33.01	Pass
	99				19.80	0.56	20.36	<=33.01	Pass	
50	0			18.87	0.56	19.43	<=33.01	Pass		
	25			18.74	0.56	19.30	<=33.01	Pass		
	50			18.81	0.56	19.37	<=33.01	Pass		
100	0			18.87	0.56	19.43	<=33.01	Pass		
1880	1			0	19.54	0.56	20.10	<=33.01	Pass	
				50	20.26	0.56	20.82	<=33.01	Pass	
			99	19.70	0.56	20.26	<=33.01	Pass		
	50		0	18.94	0.56	19.50	<=33.01	Pass		
			25	18.97	0.56	19.53	<=33.01	Pass		
			50	18.92	0.56	19.48	<=33.01	Pass		
	100		0	18.94	0.56	19.50	<=33.01	Pass		
	1900		1	0	19.70	0.56	20.26	<=33.01	Pass	
				50	20.14	0.56	20.70	<=33.01	Pass	
99				20.04	0.56	20.60	<=33.01	Pass		
50			0	18.75	0.56	19.31	<=33.01	Pass		
			25	18.88	0.56	19.44	<=33.01	Pass		
			50	18.94	0.56	19.50	<=33.01	Pass		
100			0	18.90	0.56	19.46	<=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
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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	-4.950	-0.0027	-2.5 to 2.5	Pass
					3.85	-4.134	-0.0022	-2.5 to 2.5	Pass
					4.43	-10.257	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-5.021	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-5.865	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-6.652	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-5.965	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-4.091	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-9.713	-0.0052	-2.5 to 2.5	Pass
	40	3.85	-9.027	-0.0049	-2.5 to 2.5	Pass			
	50	3.85	-11.158	-0.0060	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	-6.480	-0.0034	-2.5 to 2.5	Pass
					3.85	-6.223	-0.0033	-2.5 to 2.5	Pass
					4.43	-6.380	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-2.317	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-5.922	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-4.878	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-11.358	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-7.153	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-7.167	-0.0038	-2.5 to 2.5	Pass
	40	3.85	-4.864	-0.0026	-2.5 to 2.5	Pass			
	50	3.85	-4.005	-0.0021	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	-14.691	-0.0077	-2.5 to 2.5	Pass
					3.85	-2.875	-0.0015	-2.5 to 2.5	Pass
					4.43	-3.333	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-7.524	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-7.539	-0.0039	-2.5 to 2.5	Pass
-10				3.85	-4.721	-0.0025	-2.5 to 2.5	Pass	
0				3.85	-7.739	-0.0041	-2.5 to 2.5	Pass	
10				3.85	-10.457	-0.0055	-2.5 to 2.5	Pass	
30				3.85	-9.642	-0.0051	-2.5 to 2.5	Pass	
40	3.85	-5.736	-0.0030	-2.5 to 2.5	Pass				
50	3.85	-8.926	-0.0047	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	-10.328	-0.0056	-2.5 to 2.5	Pass
					3.85	-11.444	-0.0062	-2.5 to 2.5	Pass
					4.43	-10.314	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-9.356	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-11.487	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-9.112	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-7.195	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-11.601	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-5.794	-0.0031	-2.5 to 2.5	Pass
	40	3.85	-10.829	-0.0059	-2.5 to 2.5	Pass			
	50	3.85	-9.041	-0.0049	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	-5.035	-0.0027	-2.5 to 2.5	Pass
					3.85	-6.895	-0.0037	-2.5 to 2.5	Pass
					4.43	-11.702	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-7.124	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-9.413	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-5.035	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-6.294	-0.0033	-2.5 to 2.5	Pass
10				3.85	-3.276	-0.0017	-2.5 to 2.5	Pass	
30				3.85	-6.495	-0.0035	-2.5 to 2.5	Pass	

	1909.3	6	0	40	3.85	-11.115	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-7.553	-0.0040	-2.5 to 2.5	Pass
				20	3.27	-11.215	-0.0059	-2.5 to 2.5	Pass
					3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
					4.43	-5.536	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-9.456	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-8.283	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-11.501	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-8.011	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-3.405	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-3.705	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-7.167	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-7.081	-0.0037	-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	-6.065	-0.0033	-2.5 to 2.5	Pass
					3.85	-5.021	-0.0027	-2.5 to 2.5	Pass
					4.43	-6.022	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-10.586	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-10.743	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-7.195	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-8.969	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-9.441	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-10.042	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-8.655	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-6.852	-0.0037	-2.5 to 2.5	Pass
				1880	15	0	20	3.27	-12.817
	3.85	-7.725	-0.0041					-2.5 to 2.5	Pass
	4.43	-7.625	-0.0041					-2.5 to 2.5	Pass
	-30	3.85	-7.110				-0.0038	-2.5 to 2.5	Pass
	-20	3.85	-12.116				-0.0064	-2.5 to 2.5	Pass
	-10	3.85	-9.427				-0.0050	-2.5 to 2.5	Pass
	0	3.85	-12.746				-0.0068	-2.5 to 2.5	Pass
	10	3.85	-4.964				-0.0026	-2.5 to 2.5	Pass
	30	3.85	-10.800				-0.0057	-2.5 to 2.5	Pass
	40	3.85	-7.710				-0.0041	-2.5 to 2.5	Pass
	50	3.85	-11.001				-0.0059	-2.5 to 2.5	Pass
	1908.5	15	0				20	3.27	-12.188
				3.85	-9.384	-0.0049		-2.5 to 2.5	Pass
				4.43	-10.071	-0.0053		-2.5 to 2.5	Pass
				-30	3.85	-1.802	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-9.971	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-14.377	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-7.582	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-10.343	-0.0054	-2.5 to 2.5	Pass
30				3.85	-9.699	-0.0051	-2.5 to 2.5	Pass	



				40	3.85	-9.284	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-2.546	-0.0013	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-12.031	-0.0065	-2.5 to 2.5	Pass
					3.85	-12.889	-0.0070	-2.5 to 2.5	Pass
				4.43	-11.230	-0.0061	-2.5 to 2.5	Pass	
				-30	3.85	-6.051	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-8.197	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-8.154	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-4.420	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-7.682	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-7.882	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-7.710	-0.0042	-2.5 to 2.5	Pass
	50	3.85	-7.410	-0.0040	-2.5 to 2.5	Pass			
	1880	15	0	20	3.27	-5.393	-0.0029	-2.5 to 2.5	Pass
					3.85	-9.785	-0.0052	-2.5 to 2.5	Pass
				4.43	-10.843	-0.0058	-2.5 to 2.5	Pass	
				-30	3.85	-8.941	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-16.208	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-8.855	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-9.670	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-7.124	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-12.145	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-9.942	-0.0053	-2.5 to 2.5	Pass
	50	3.85	-13.475	-0.0072	-2.5 to 2.5	Pass			
	1908.5	15	0	20	3.27	-7.081	-0.0037	-2.5 to 2.5	Pass
					3.85	-12.231	-0.0064	-2.5 to 2.5	Pass
				4.43	-11.029	-0.0058	-2.5 to 2.5	Pass	
				-30	3.85	-7.968	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-6.380	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-17.896	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-5.307	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-4.807	-0.0025	-2.5 to 2.5	Pass
30				3.85	-7.610	-0.0040	-2.5 to 2.5	Pass	
40				3.85	-7.682	-0.0040	-2.5 to 2.5	Pass	
50	3.85	-5.322	-0.0028	-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	-11.888	-0.0064	-2.5 to 2.5	Pass
					3.85	-6.022	-0.0033	-2.5 to 2.5	Pass
				4.43	-12.860	-0.0069	-2.5 to 2.5	Pass	
				-30	3.85	-5.064	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-7.095	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-5.836	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-9.742	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-13.933	-0.0075	-2.5 to 2.5	Pass
30	3.85	-13.990	-0.0076	-2.5 to 2.5	Pass				

	1880	25	0	40	3.85	-3.061	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-10.128	-0.0055	-2.5 to 2.5	Pass
				20	3.27	-13.118	-0.0070	-2.5 to 2.5	Pass
					3.85	-3.047	-0.0016	-2.5 to 2.5	Pass
					4.43	-13.161	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-5.565	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-8.140	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-6.909	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-6.738	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-6.008	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-5.093	-0.0027	-2.5 to 2.5	Pass
	40	3.85	-9.398	-0.0050	-2.5 to 2.5	Pass			
	50	3.85	-7.210	-0.0038	-2.5 to 2.5	Pass			
	1907.5	25	0	20	3.27	-14.277	-0.0075	-2.5 to 2.5	Pass
					3.85	-5.107	-0.0027	-2.5 to 2.5	Pass
					4.43	-9.155	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-10.858	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-9.570	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-11.973	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-13.976	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-4.363	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-6.366	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-11.916	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-11.086	-0.0058	-2.5 to 2.5	Pass
	16QAM	1852.5	25	0	20	3.27	-6.108	-0.0033	-2.5 to 2.5
3.85						-6.938	-0.0037	-2.5 to 2.5	Pass
					4.43	-11.244	-0.0061	-2.5 to 2.5	Pass
-30					3.85	-14.176	-0.0077	-2.5 to 2.5	Pass
-20					3.85	-5.465	-0.0030	-2.5 to 2.5	Pass
-10					3.85	-6.251	-0.0034	-2.5 to 2.5	Pass
0					3.85	-7.339	-0.0040	-2.5 to 2.5	Pass
10					3.85	-11.015	-0.0059	-2.5 to 2.5	Pass
30					3.85	-7.353	-0.0040	-2.5 to 2.5	Pass
40					3.85	-8.926	-0.0048	-2.5 to 2.5	Pass
50					3.85	-10.200	-0.0055	-2.5 to 2.5	Pass
1880		25	0	20	3.27	-2.074	-0.0011	-2.5 to 2.5	Pass
					3.85	-5.078	-0.0027	-2.5 to 2.5	Pass
					4.43	-8.354	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-8.240	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-5.980	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-12.732	-0.0068	-2.5 to 2.5	Pass
				0	3.85	-10.228	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-8.969	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-9.785	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-8.526	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-5.007	-0.0027	-2.5 to 2.5	Pass
1907.5		25	0	20	3.27	-9.928	-0.0052	-2.5 to 2.5	Pass
					3.85	-8.812	-0.0046	-2.5 to 2.5	Pass
					4.43	-13.332	-0.0070	-2.5 to 2.5	Pass
	-30			3.85	-5.493	-0.0029	-2.5 to 2.5	Pass	
	-20			3.85	-8.898	-0.0047	-2.5 to 2.5	Pass	
	-10			3.85	-10.686	-0.0056	-2.5 to 2.5	Pass	
	0			3.85	-4.864	-0.0025	-2.5 to 2.5	Pass	
	10			3.85	-7.110	-0.0037	-2.5 to 2.5	Pass	
30	3.85	-9.899	-0.0052	-2.5 to 2.5	Pass				

				40	3.85	-7.868	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-11.630	-0.0061	-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	-14.262	-0.0077	-2.5 to 2.5	Pass
					3.85	-1.931	-0.0010	-2.5 to 2.5	Pass
					4.43	-6.924	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-7.496	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-9.956	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-8.683	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-4.435	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-9.785	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-5.293	-0.0029	-2.5 to 2.5	Pass
	40	3.85	-3.362	-0.0018	-2.5 to 2.5	Pass			
	50	3.85	-5.851	-0.0032	-2.5 to 2.5	Pass			
	1880	50	0	20	3.27	-13.404	-0.0071	-2.5 to 2.5	Pass
					3.85	-6.680	-0.0036	-2.5 to 2.5	Pass
					4.43	-4.907	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-1.760	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-9.484	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-8.726	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-7.210	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-7.710	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-5.250	-0.0028	-2.5 to 2.5	Pass
	40	3.85	-2.646	-0.0014	-2.5 to 2.5	Pass			
	50	3.85	-6.323	-0.0034	-2.5 to 2.5	Pass			
	1905	50	0	20	3.27	-7.839	-0.0041	-2.5 to 2.5	Pass
					3.85	-6.666	-0.0035	-2.5 to 2.5	Pass
					4.43	-1.874	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.861	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-6.580	-0.0035	-2.5 to 2.5	Pass
-10				3.85	-9.756	-0.0051	-2.5 to 2.5	Pass	
0				3.85	-3.004	-0.0016	-2.5 to 2.5	Pass	
10				3.85	-3.490	-0.0018	-2.5 to 2.5	Pass	
30				3.85	-7.467	-0.0039	-2.5 to 2.5	Pass	
40	3.85	-5.078	-0.0027	-2.5 to 2.5	Pass				
50	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass				
16QAM	1855	50	0	20	3.27	-7.253	-0.0039	-2.5 to 2.5	Pass
					3.85	-3.920	-0.0021	-2.5 to 2.5	Pass
					4.43	-6.166	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-10.400	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-1.202	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-4.706	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-8.683	-0.0047	-2.5 to 2.5	Pass
10	3.85	-6.337	-0.0034	-2.5 to 2.5	Pass				
30	3.85	-7.110	-0.0038	-2.5 to 2.5	Pass				

	1880	50	0	40	3.85	-8.626	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-7.038	-0.0038	-2.5 to 2.5	Pass
				20	3.27	-5.107	-0.0027	-2.5 to 2.5	Pass
					3.85	-5.136	-0.0027	-2.5 to 2.5	Pass
					4.43	-5.507	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-3.762	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-2.875	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-5.093	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-9.627	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-8.426	-0.0045	-2.5 to 2.5	Pass
	30	3.85	-6.366	-0.0034	-2.5 to 2.5	Pass			
	40	3.85	-2.947	-0.0016	-2.5 to 2.5	Pass			
	50	3.85	-2.160	-0.0011	-2.5 to 2.5	Pass			
	1905	50	0	20	3.27	-4.077	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.376	-0.0018	-2.5 to 2.5	Pass
					4.43	-5.093	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-6.509	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-4.363	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-3.061	-0.0016	-2.5 to 2.5	Pass
10				3.85	-3.691	-0.0019	-2.5 to 2.5	Pass	
30				3.85	-4.892	-0.0026	-2.5 to 2.5	Pass	
40				3.85	-7.467	-0.0039	-2.5 to 2.5	Pass	
50	3.85	-1.531	-0.0008	-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	-3.648	-0.0020	-2.5 to 2.5	Pass
					3.85	-5.236	-0.0028	-2.5 to 2.5	Pass
					4.43	-4.363	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-2.217	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-8.068	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-9.098	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-4.492	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-5.050	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-4.320	-0.0023	-2.5 to 2.5	Pass
	50	3.85	-5.665	-0.0030	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	-11.458	-0.0061	-2.5 to 2.5	Pass
					3.85	-7.768	-0.0041	-2.5 to 2.5	Pass
					4.43	-9.313	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-11.601	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-3.033	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-7.882	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-8.569	-0.0046	-2.5 to 2.5	Pass
10				3.85	-8.411	-0.0045	-2.5 to 2.5	Pass	
30	3.85	-5.093	-0.0027	-2.5 to 2.5	Pass				

	1902.5	75	0	40	3.85	-6.323	-0.0034	-2.5 to 2.5	Pass			
				50	3.85	-1.216	-0.0006	-2.5 to 2.5	Pass			
				20	3.27	-13.933	-0.0073	-2.5 to 2.5	Pass			
					3.85	-5.164	-0.0027	-2.5 to 2.5	Pass			
					4.43	-5.064	-0.0027	-2.5 to 2.5	Pass			
				-30	3.85	-11.787	-0.0062	-2.5 to 2.5	Pass			
				-20	3.85	-6.752	-0.0035	-2.5 to 2.5	Pass			
				-10	3.85	-7.682	-0.0040	-2.5 to 2.5	Pass			
				0	3.85	-7.696	-0.0040	-2.5 to 2.5	Pass			
				10	3.85	-5.636	-0.0030	-2.5 to 2.5	Pass			
				30	3.85	-6.523	-0.0034	-2.5 to 2.5	Pass			
				40	3.85	-12.732	-0.0067	-2.5 to 2.5	Pass			
				50	3.85	-8.283	-0.0044	-2.5 to 2.5	Pass			
16QAM	1857.5	75	0	20	3.27	-7.167	-0.0039	-2.5 to 2.5	Pass			
					3.85	-7.854	-0.0042	-2.5 to 2.5	Pass			
					4.43	-5.021	-0.0027	-2.5 to 2.5	Pass			
				-30	3.85	-2.604	-0.0014	-2.5 to 2.5	Pass			
				-20	3.85	-5.937	-0.0032	-2.5 to 2.5	Pass			
				-10	3.85	-16.179	-0.0087	-2.5 to 2.5	Pass			
				0	3.85	-3.405	-0.0018	-2.5 to 2.5	Pass			
				10	3.85	-5.751	-0.0031	-2.5 to 2.5	Pass			
				30	3.85	-3.090	-0.0017	-2.5 to 2.5	Pass			
				40	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass			
				50	3.85	-3.662	-0.0020	-2.5 to 2.5	Pass			
				1880	75	0	20	3.27	-8.855	-0.0047	-2.5 to 2.5	Pass
								3.85	-4.935	-0.0026	-2.5 to 2.5	Pass
	4.43	-5.822	-0.0031					-2.5 to 2.5	Pass			
	-30	3.85	-3.047				-0.0016	-2.5 to 2.5	Pass			
	-20	3.85	-8.354				-0.0044	-2.5 to 2.5	Pass			
	-10	3.85	-8.998				-0.0048	-2.5 to 2.5	Pass			
	0	3.85	-8.769				-0.0047	-2.5 to 2.5	Pass			
	10	3.85	-8.826				-0.0047	-2.5 to 2.5	Pass			
	30	3.85	-10.057				-0.0053	-2.5 to 2.5	Pass			
	40	3.85	-3.262				-0.0017	-2.5 to 2.5	Pass			
	50	3.85	-5.064				-0.0027	-2.5 to 2.5	Pass			
	1902.5	75	0	20	3.27	-7.195	-0.0038	-2.5 to 2.5	Pass			
					3.85	-4.721	-0.0025	-2.5 to 2.5	Pass			
					4.43	-10.815	-0.0057	-2.5 to 2.5	Pass			
				-30	3.85	-2.789	-0.0015	-2.5 to 2.5	Pass			
				-20	3.85	-13.819	-0.0073	-2.5 to 2.5	Pass			
-10				3.85	-6.552	-0.0034	-2.5 to 2.5	Pass				
0				3.85	-7.939	-0.0042	-2.5 to 2.5	Pass				
10				3.85	-11.129	-0.0058	-2.5 to 2.5	Pass				
30				3.85	-7.925	-0.0042	-2.5 to 2.5	Pass				
40				3.85	-7.310	-0.0038	-2.5 to 2.5	Pass				
50				3.85	-9.627	-0.0051	-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	-3.462	-0.0019	-2.5 to 2.5	Pass
					3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
					4.43	-1.516	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-4.177	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-2.861	-0.0015	-2.5 to 2.5	Pass
				10	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				30	3.85	-4.320	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
	50	3.85	-7.353	-0.0040	-2.5 to 2.5	Pass			
	1880	100	0	20	3.27	-9.470	-0.0050	-2.5 to 2.5	Pass
					3.85	-10.958	-0.0058	-2.5 to 2.5	Pass
					4.43	-4.921	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-8.397	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-3.734	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-8.225	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-4.950	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-7.067	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-11.501	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-5.350	-0.0028	-2.5 to 2.5	Pass
	50	3.85	-5.980	-0.0032	-2.5 to 2.5	Pass			
	1900	100	0	20	3.27	-8.011	-0.0042	-2.5 to 2.5	Pass
					3.85	-8.411	-0.0044	-2.5 to 2.5	Pass
					4.43	-4.091	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.548	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-5.922	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-6.566	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-5.164	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-8.798	-0.0046	-2.5 to 2.5	Pass
30				3.85	-9.098	-0.0048	-2.5 to 2.5	Pass	
40				3.85	-9.656	-0.0051	-2.5 to 2.5	Pass	
50	3.85	-7.668	-0.0040	-2.5 to 2.5	Pass				
16QAM	1860	100	0	20	3.27	-6.509	-0.0035	-2.5 to 2.5	Pass
					3.85	-5.937	-0.0032	-2.5 to 2.5	Pass
					4.43	-7.610	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-6.208	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-5.865	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-8.426	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-4.849	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-4.463	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-2.518	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-6.166	-0.0033	-2.5 to 2.5	Pass
	50	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass			
	1880	100	0	20	3.27	-8.655	-0.0046	-2.5 to 2.5	Pass
					3.85	-9.198	-0.0049	-2.5 to 2.5	Pass
					4.43	-4.349	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-6.366	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-7.610	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-5.393	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-7.439	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-9.670	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-2.933	-0.0016	-2.5 to 2.5	Pass

	1900	100	0	40	3.85	-7.510	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-11.015	-0.0059	-2.5 to 2.5	Pass
				20	3.27	-6.251	-0.0033	-2.5 to 2.5	Pass
					3.85	-3.319	-0.0017	-2.5 to 2.5	Pass
					4.43	-6.094	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-8.097	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-9.856	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-4.377	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-1.531	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-6.351	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-7.768	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-9.871	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-3.920	-0.0021	-2.5 to 2.5	Pass

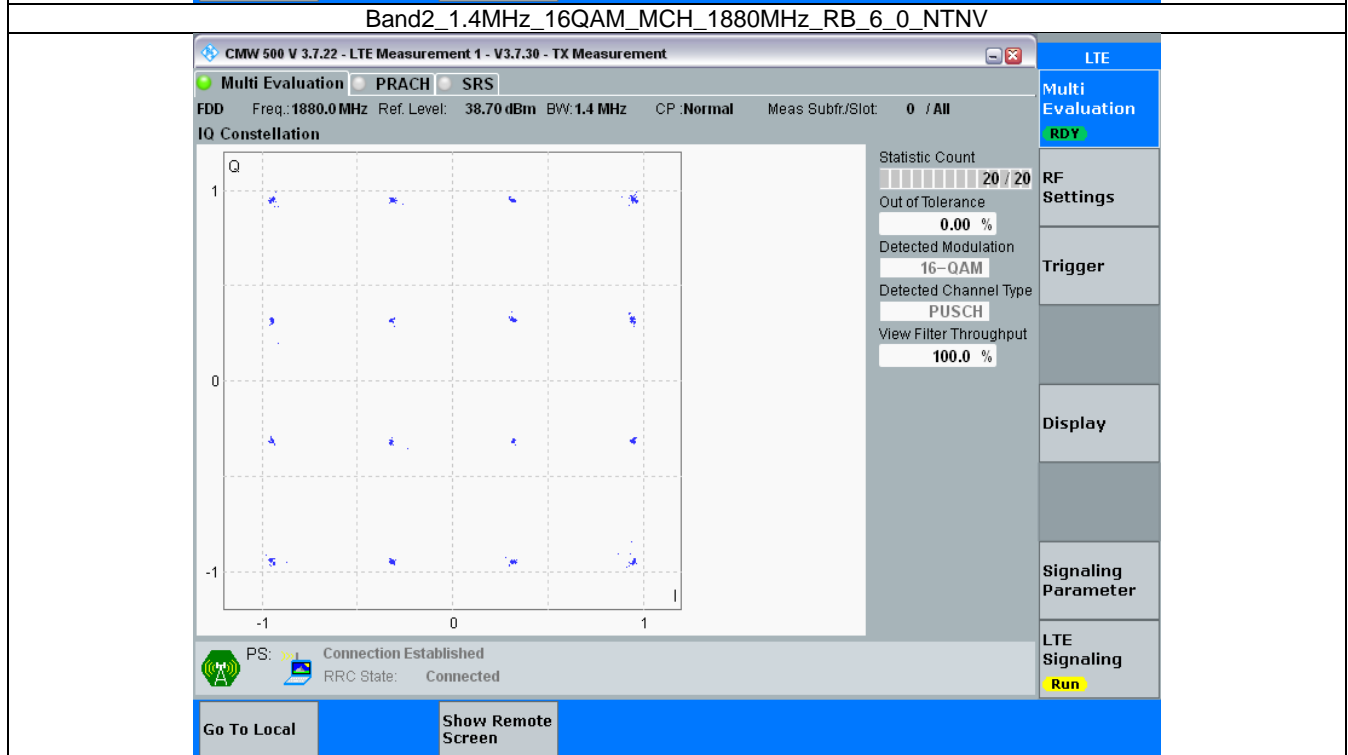
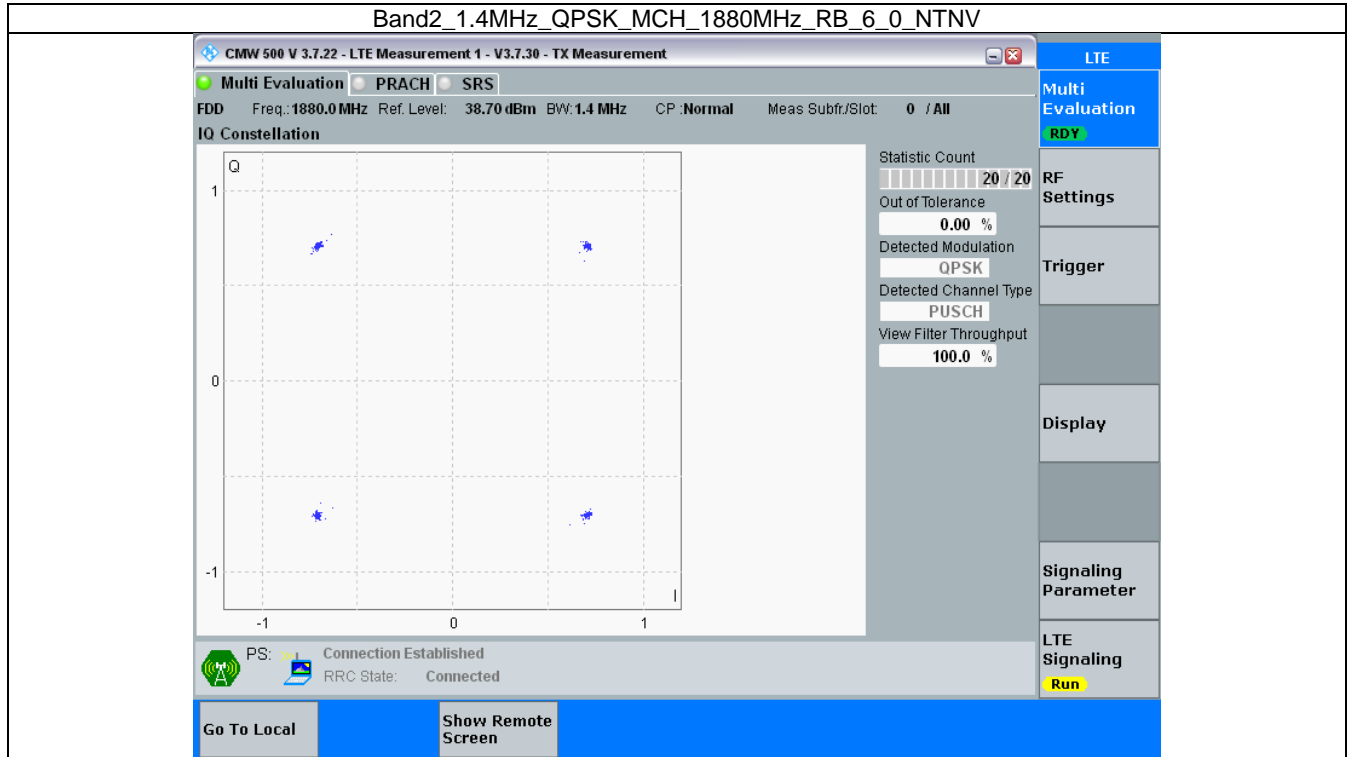
### 3. Modulation Characteristics

#### 3.1 B2\_1.4MHz

##### 3.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTN						
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



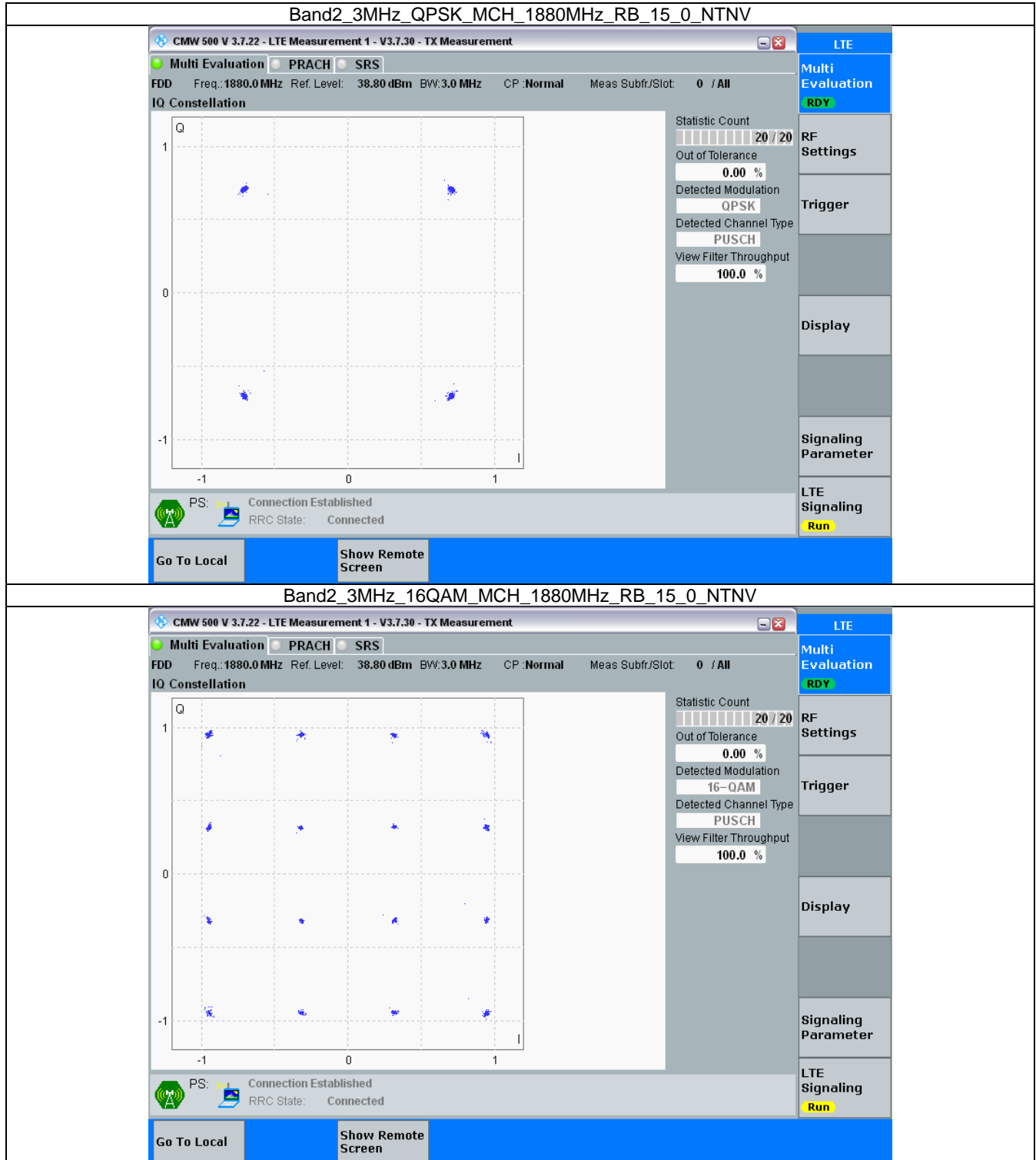


## 3.2 B2\_3MHz

### 3.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTN						
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

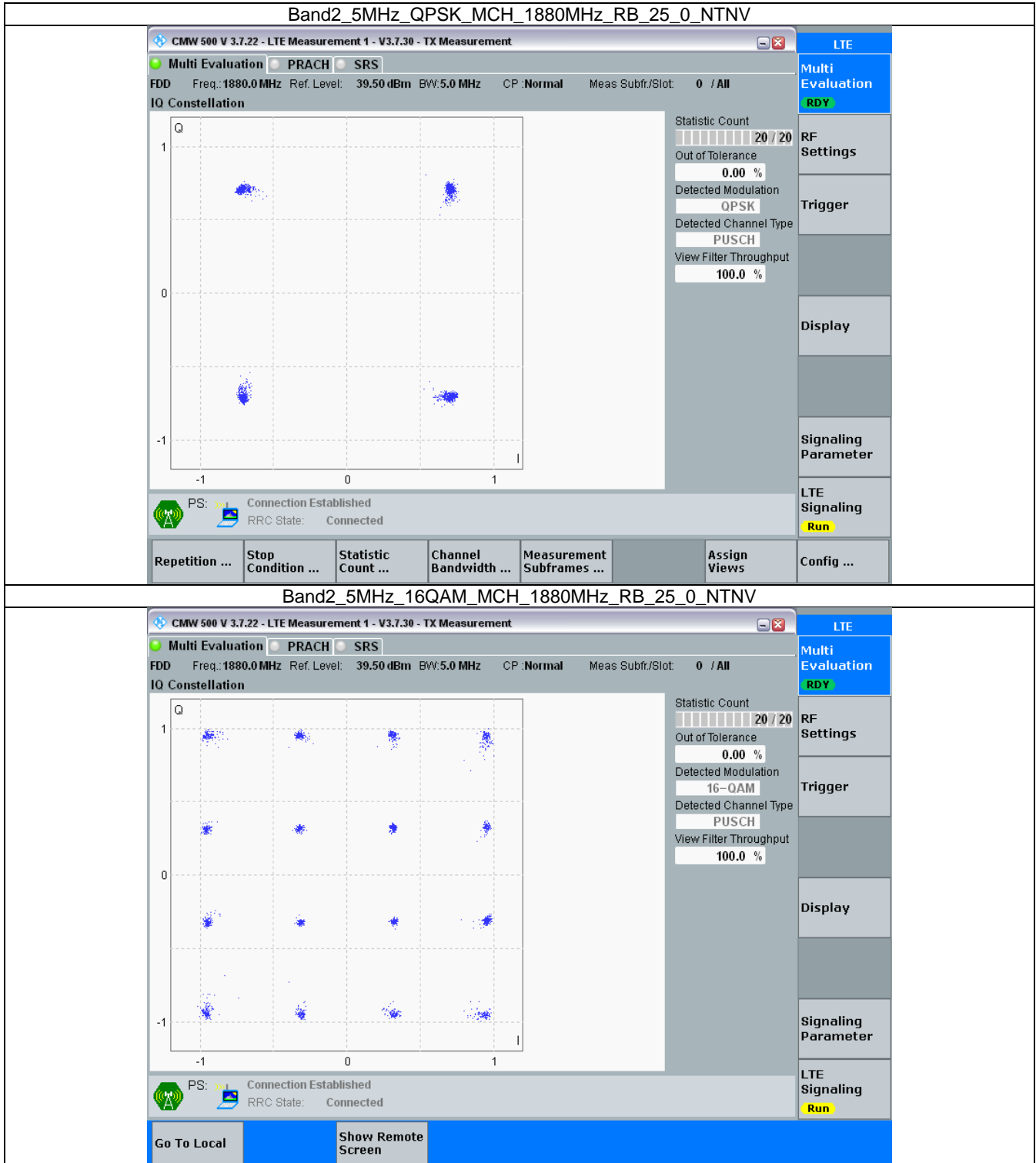


### 3.3 B2\_5MHz

#### 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

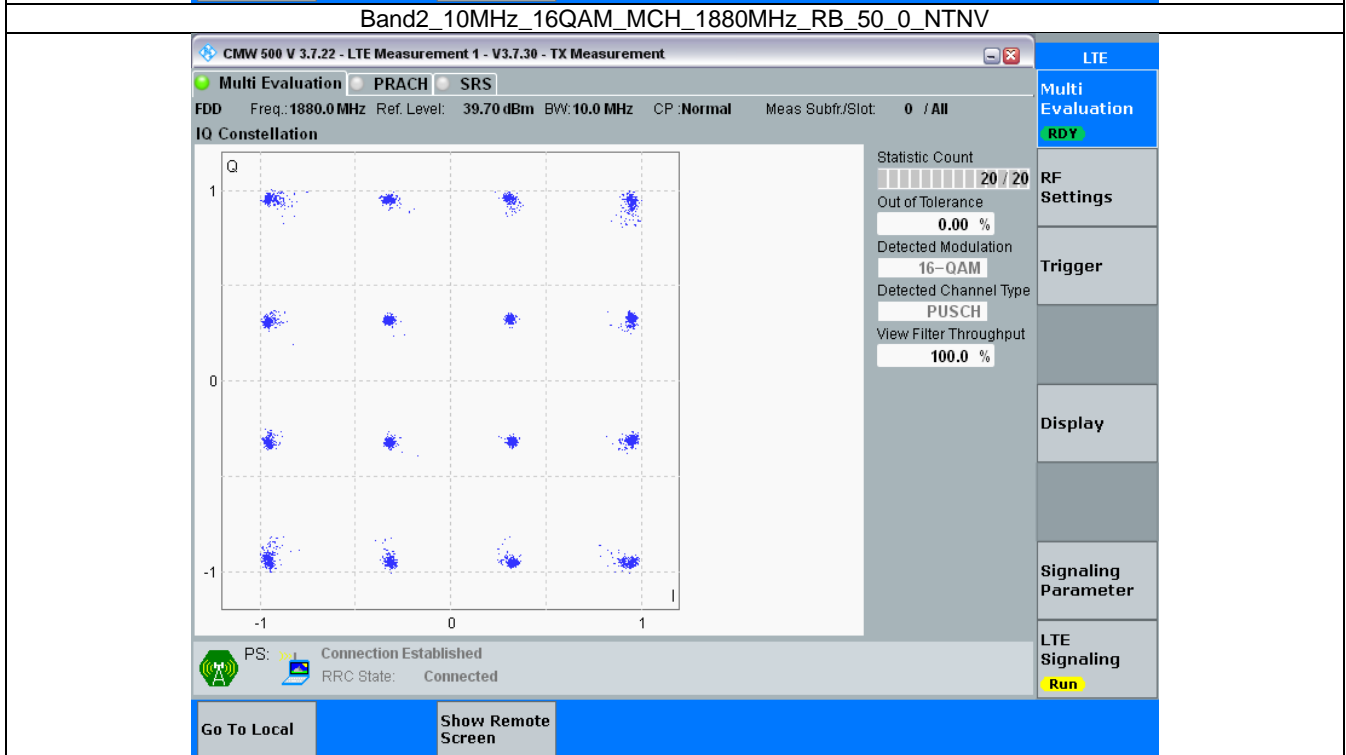
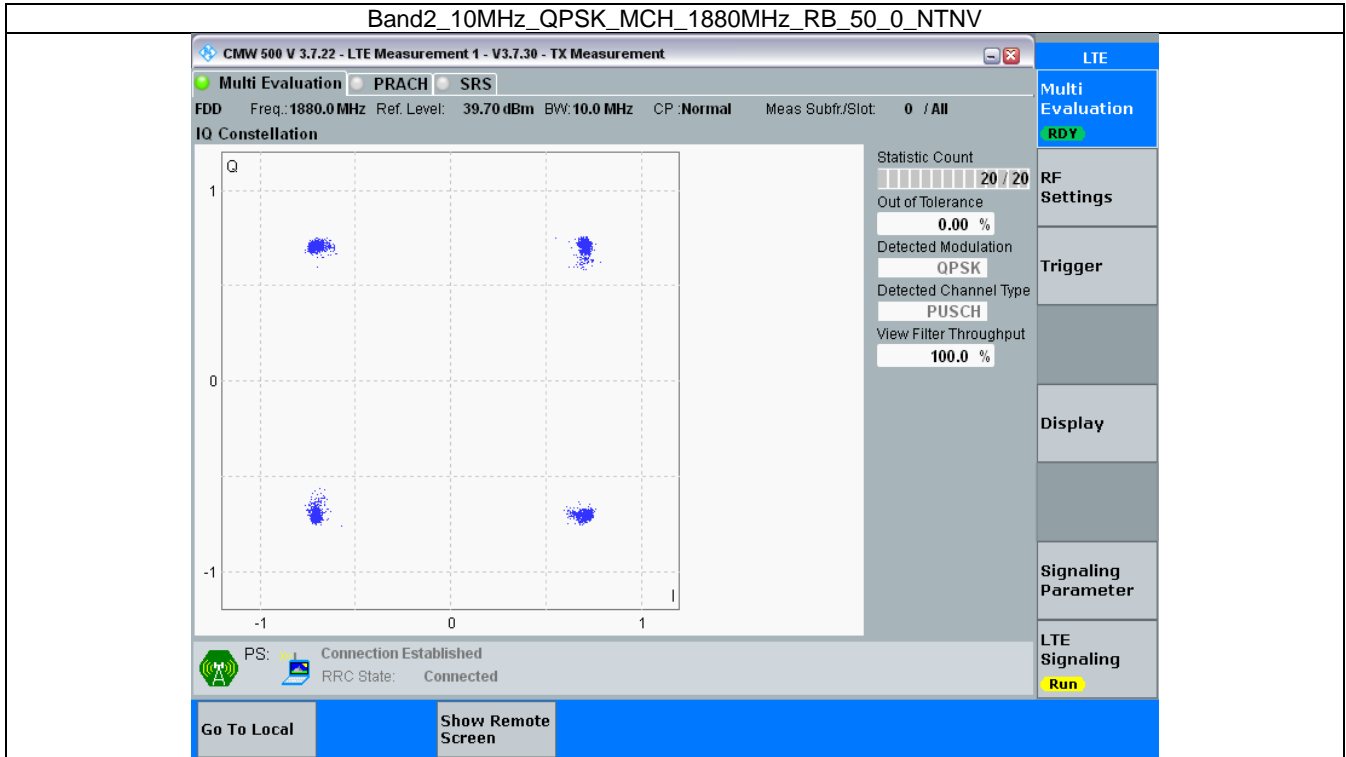


### 3.4 B2\_10MHz

#### 3.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTV						
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

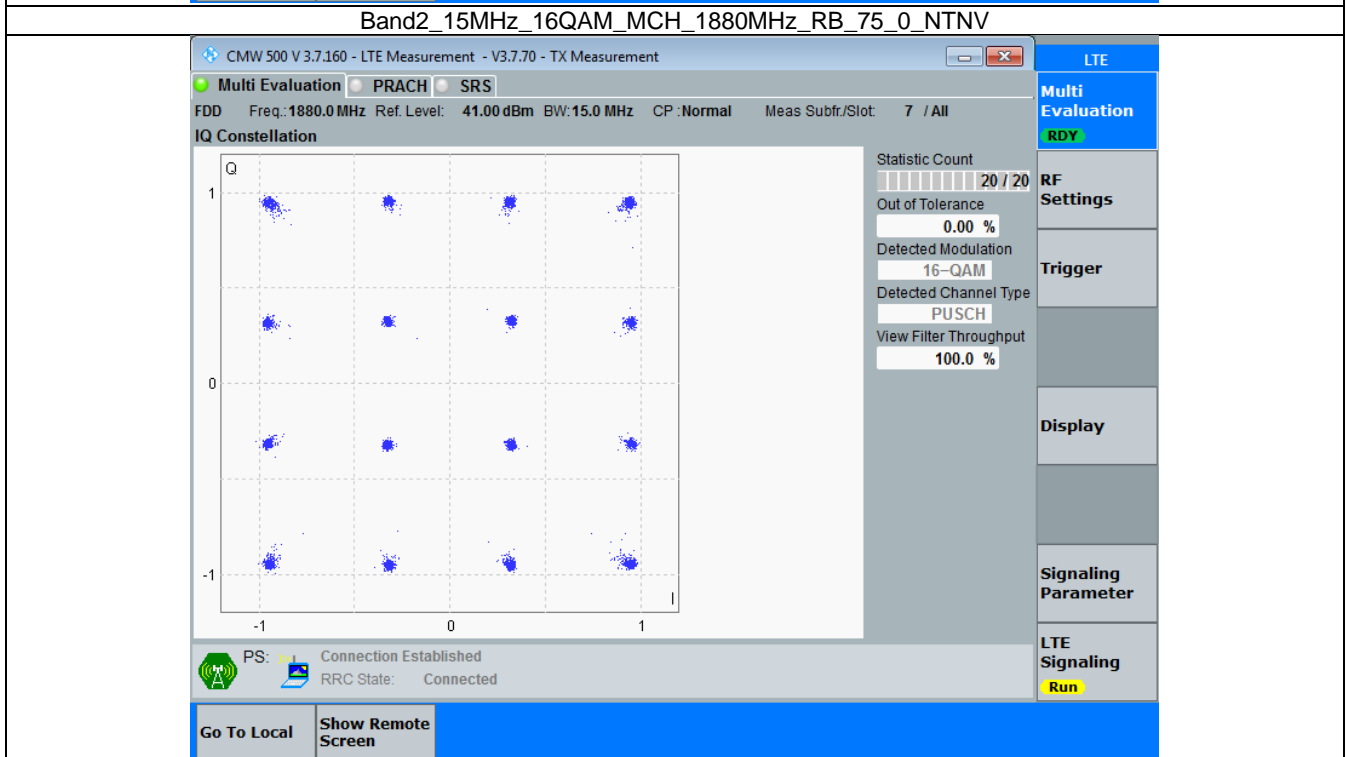
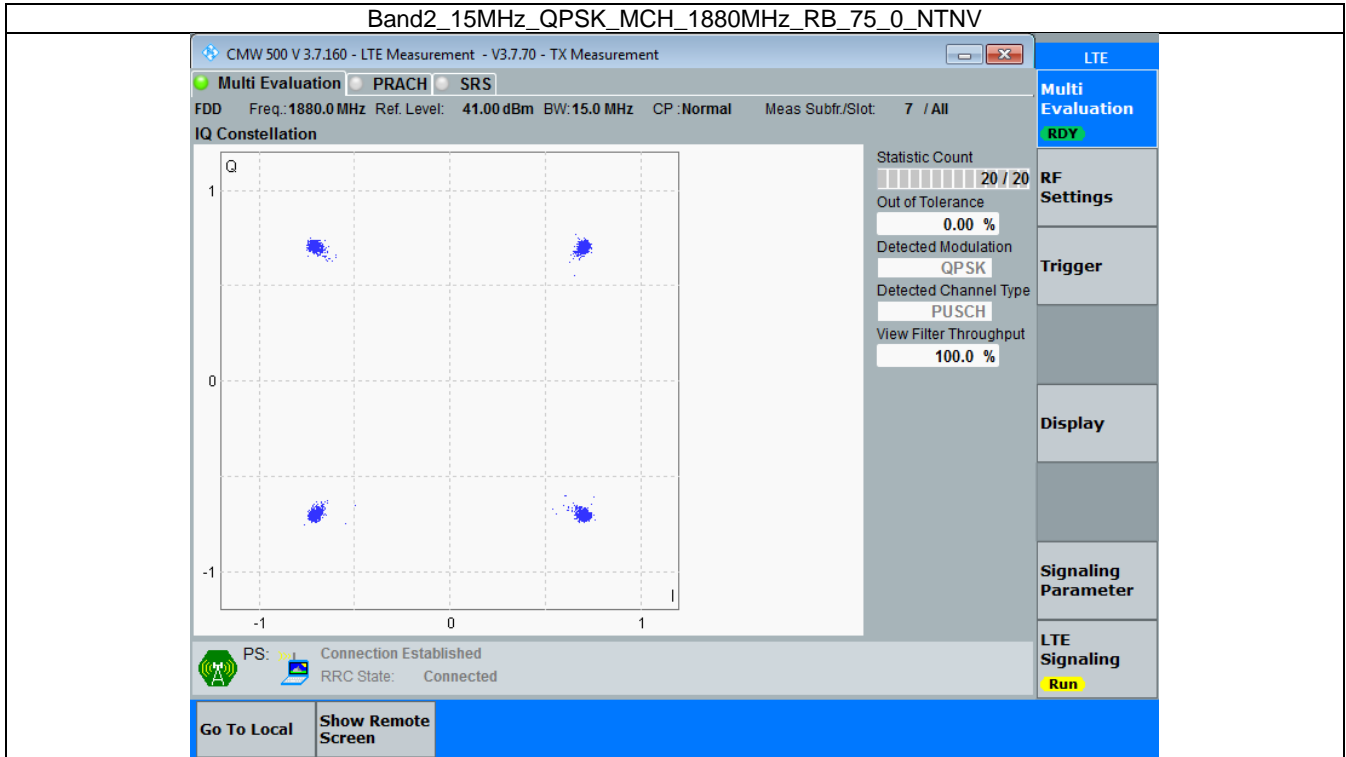


### 3.5 B2\_15MHz

#### 3.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTV						
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



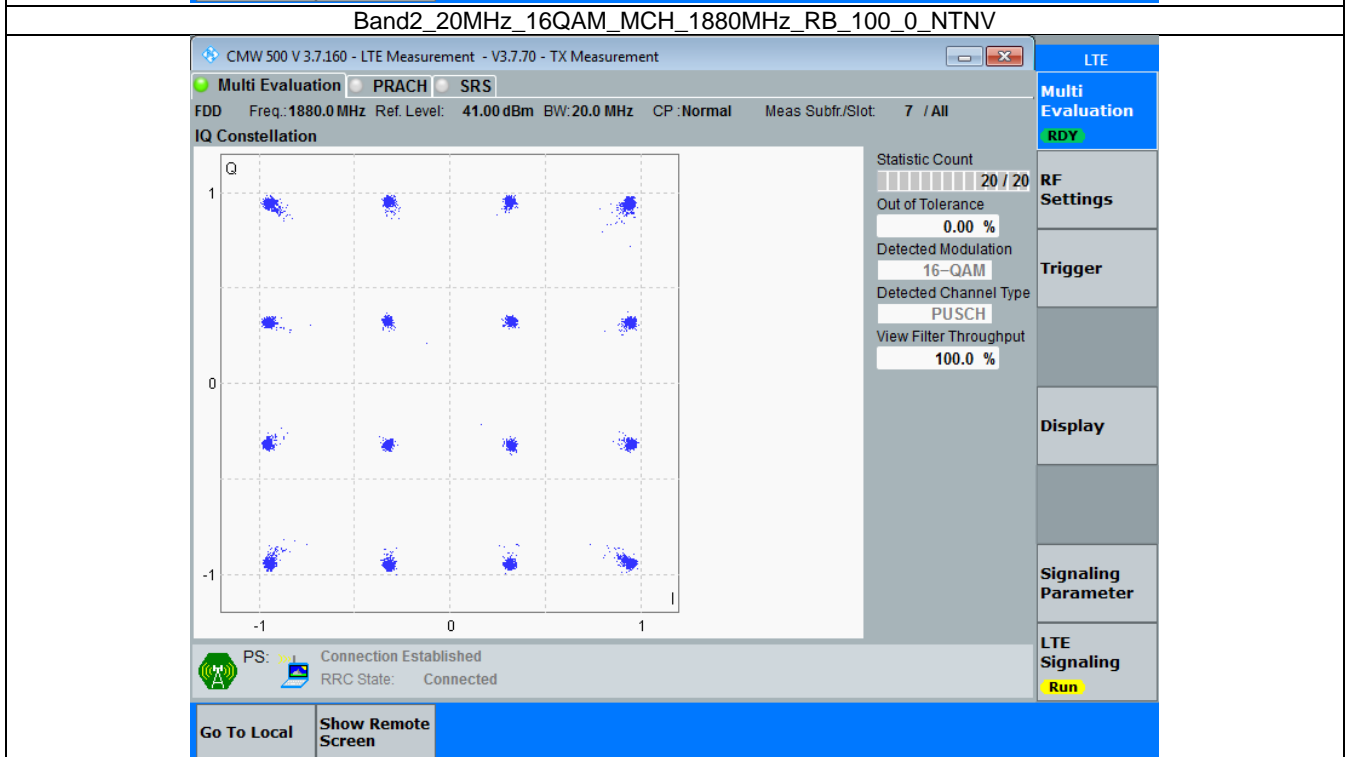
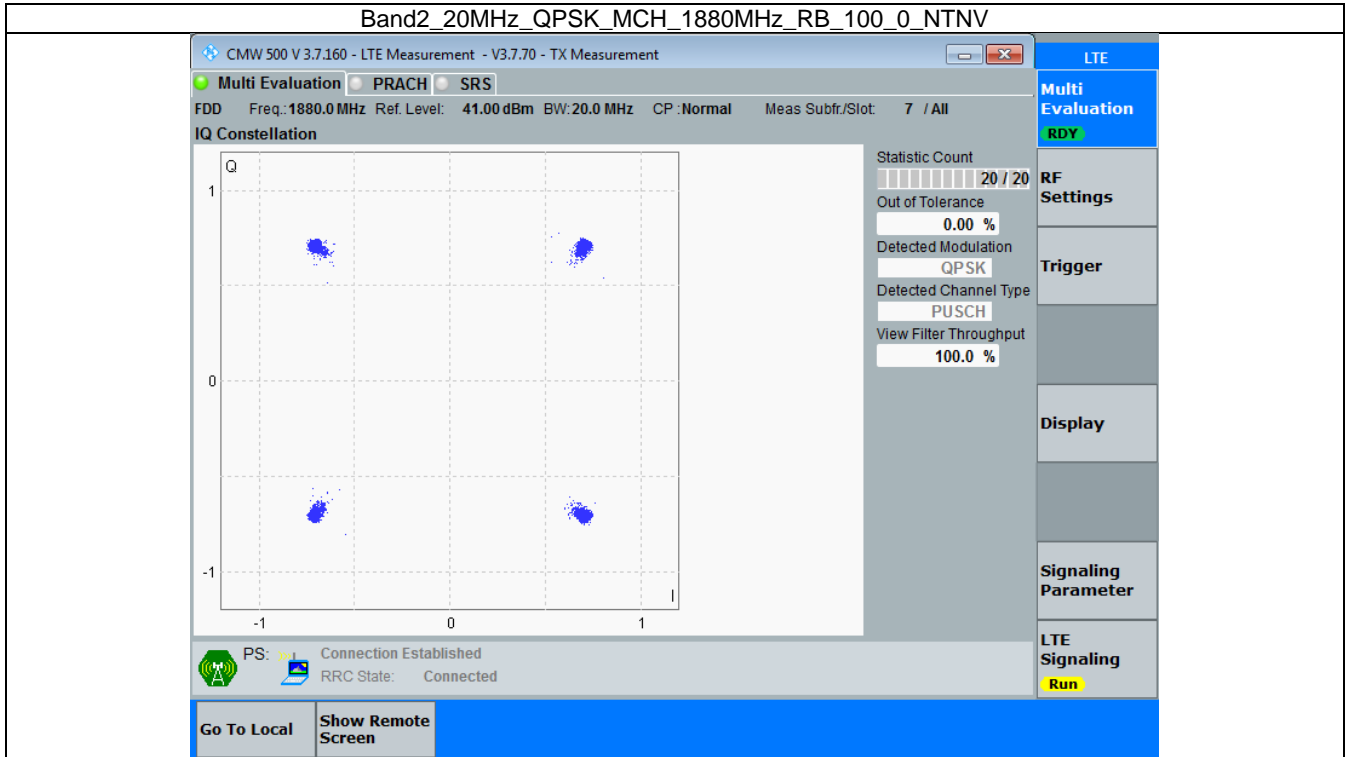


### 3.6 B2\_20MHz

#### 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



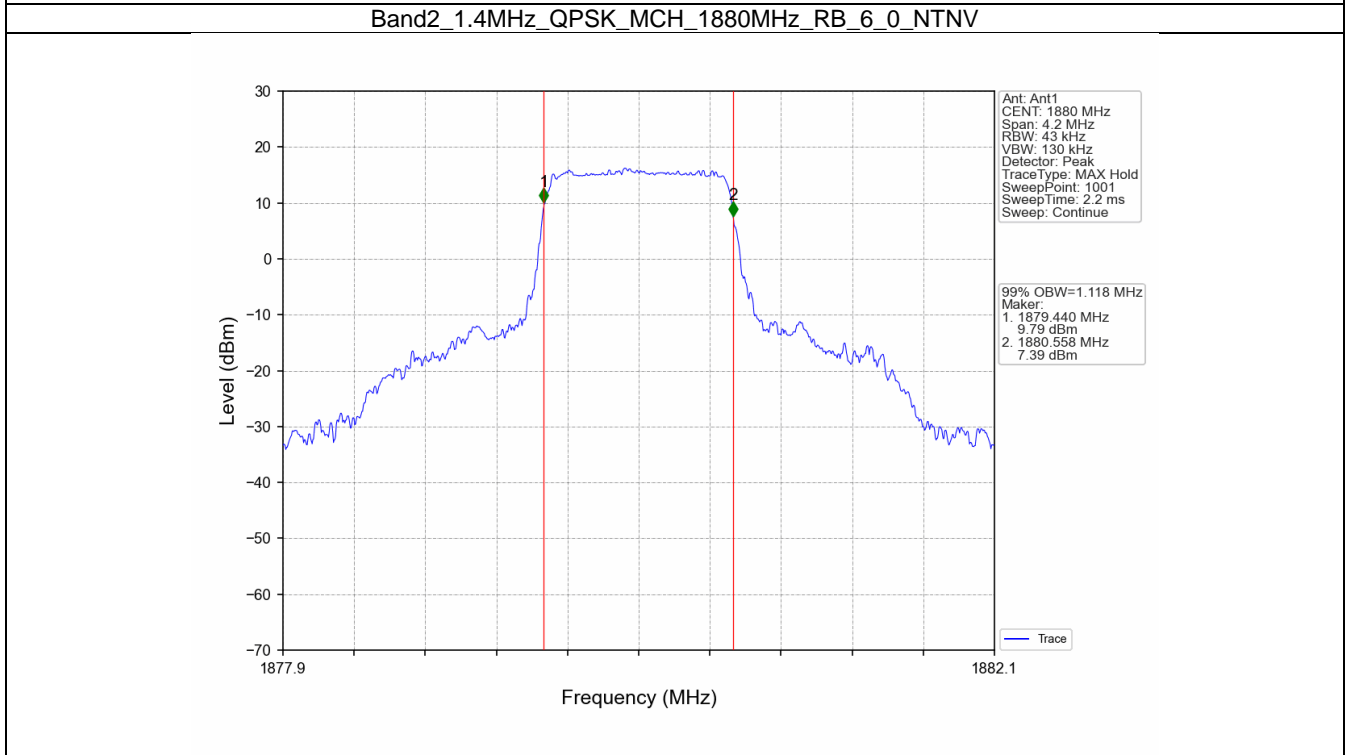
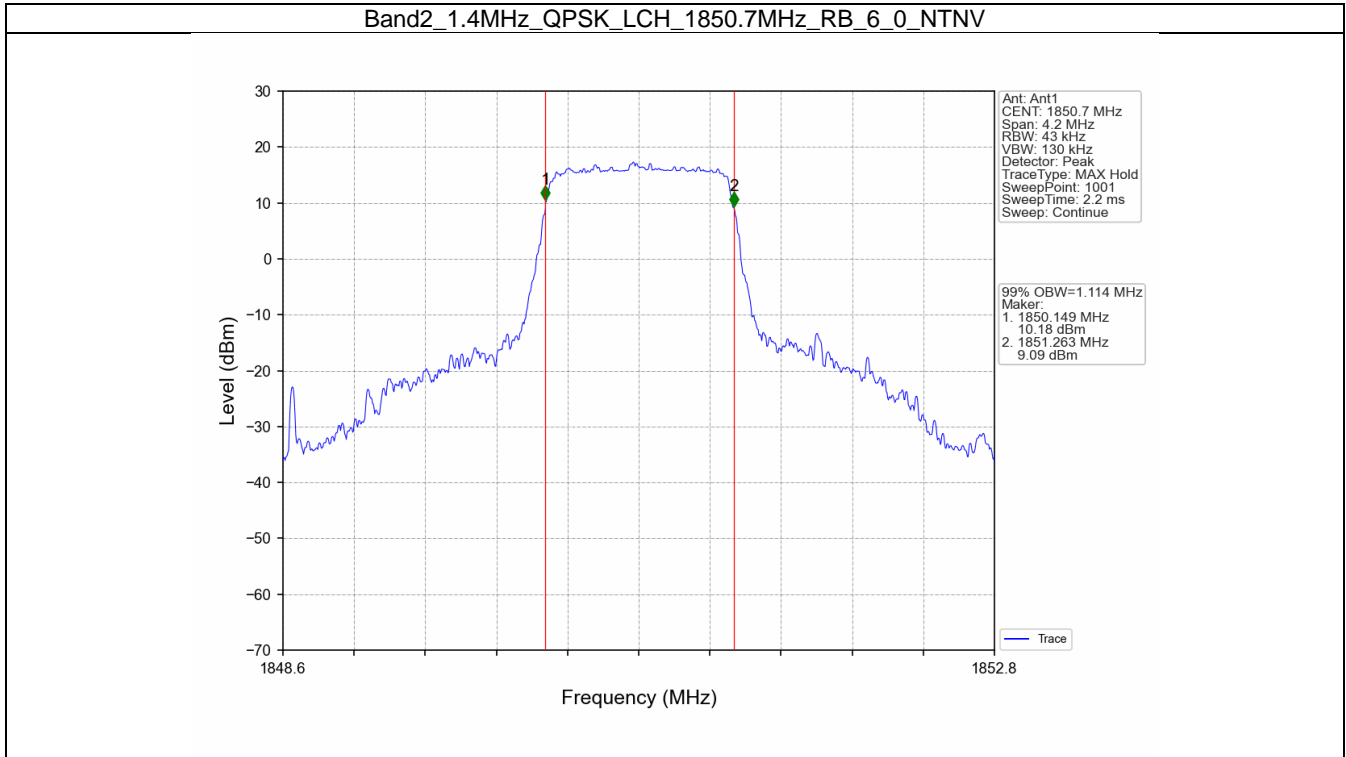
4. 99% & 26dB Bandwidth

4.1 Band2\_OBW

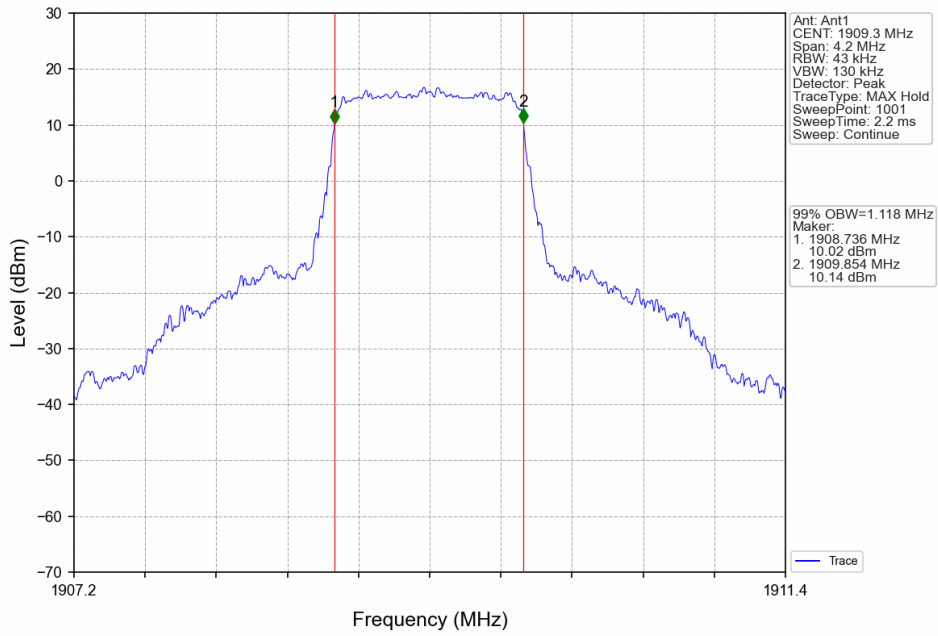
4.1.1 Test Result

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	1.114	Pass
		1880	6	0	1.118	Pass
		1909.3	6	0	1.118	Pass
	16QAM	1850.7	6	0	1.109	Pass
		1880	6	0	1.124	Pass
		1909.3	6	0	1.106	Pass
3	QPSK	1851.5	15	0	2.735	Pass
		1880	15	0	2.737	Pass
		1908.5	15	0	2.733	Pass
	16QAM	1851.5	15	0	2.730	Pass
		1880	15	0	2.740	Pass
		1908.5	15	0	2.722	Pass
5	QPSK	1852.5	25	0	4.547	Pass
		1880	25	0	4.552	Pass
		1907.5	25	0	4.562	Pass
	16QAM	1852.5	25	0	4.544	Pass
		1880	25	0	4.564	Pass
		1907.5	25	0	4.528	Pass
10	QPSK	1855	50	0	9.046	Pass
		1880	50	0	9.067	Pass
		1905	50	0	9.066	Pass
	16QAM	1855	50	0	9.016	Pass
		1880	50	0	9.073	Pass
		1905	50	0	9.055	Pass
15	QPSK	1857.5	75	0	13.511	Pass
		1880	75	0	13.593	Pass
		1902.5	75	0	13.656	Pass
	16QAM	1857.5	75	0	13.526	Pass
		1880	75	0	13.614	Pass
		1902.5	75	0	13.618	Pass
20	QPSK	1860	100	0	18.063	Pass
		1880	100	0	18.080	Pass
		1900	100	0	18.263	Pass
	16QAM	1860	100	0	18.082	Pass
		1880	100	0	18.148	Pass
		1900	100	0	18.255	Pass

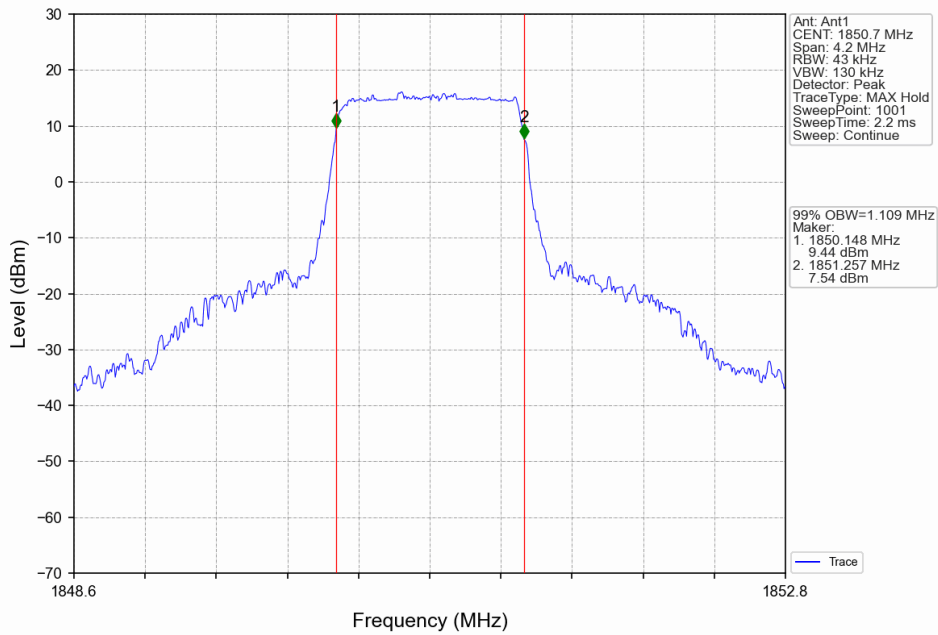
### 4.1.2 Test Graph



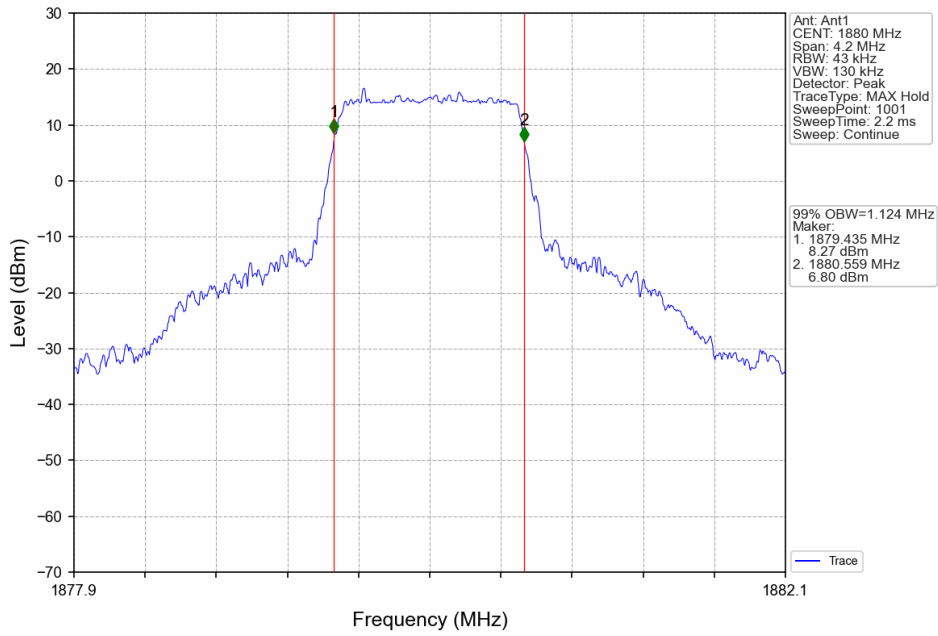
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



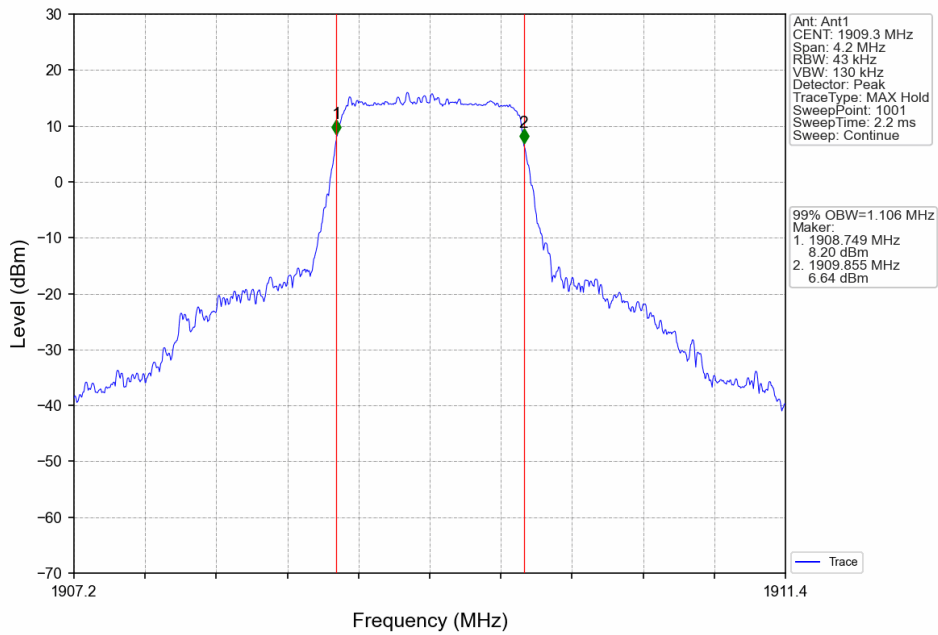
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



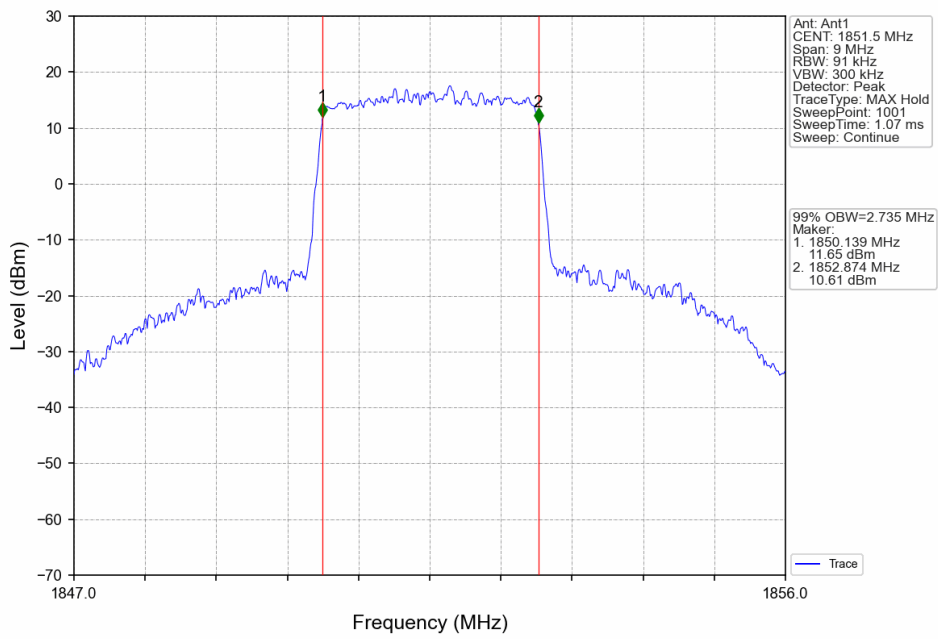
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



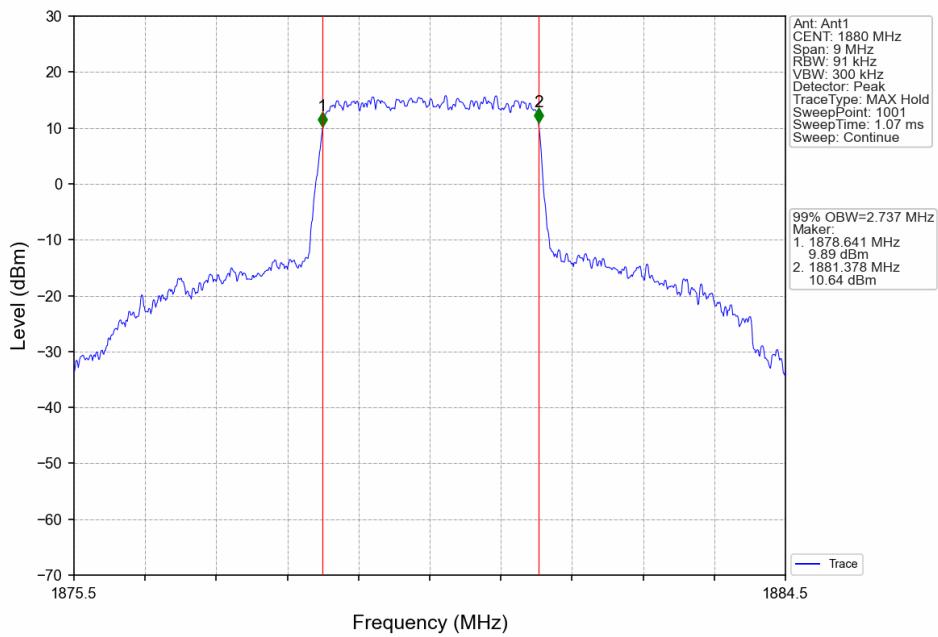
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



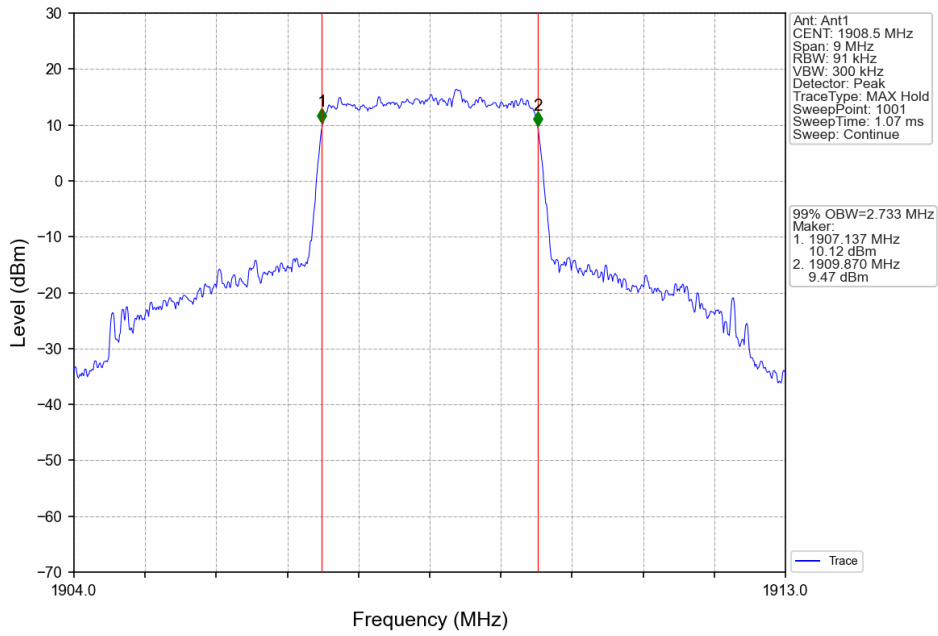
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



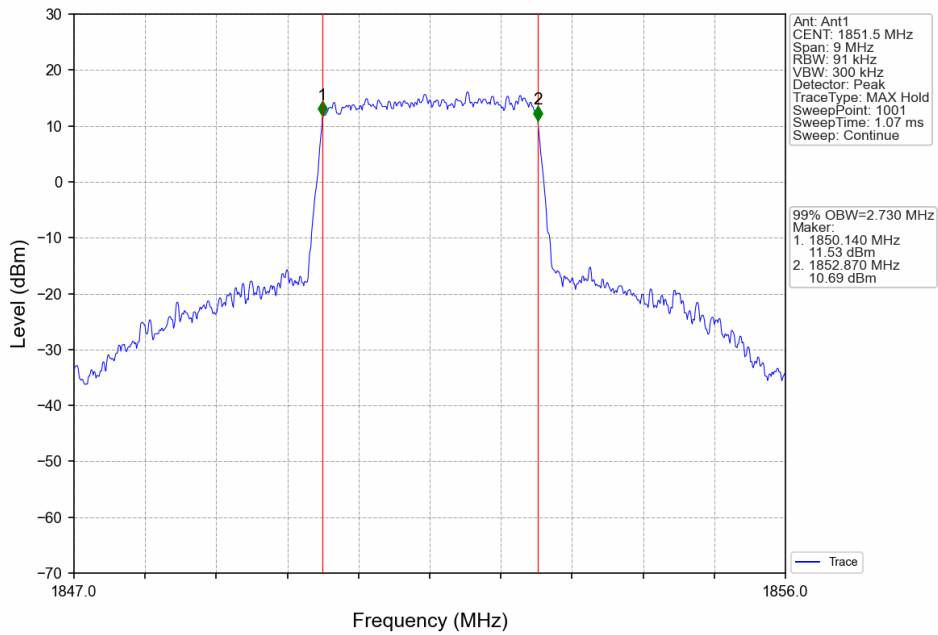
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



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

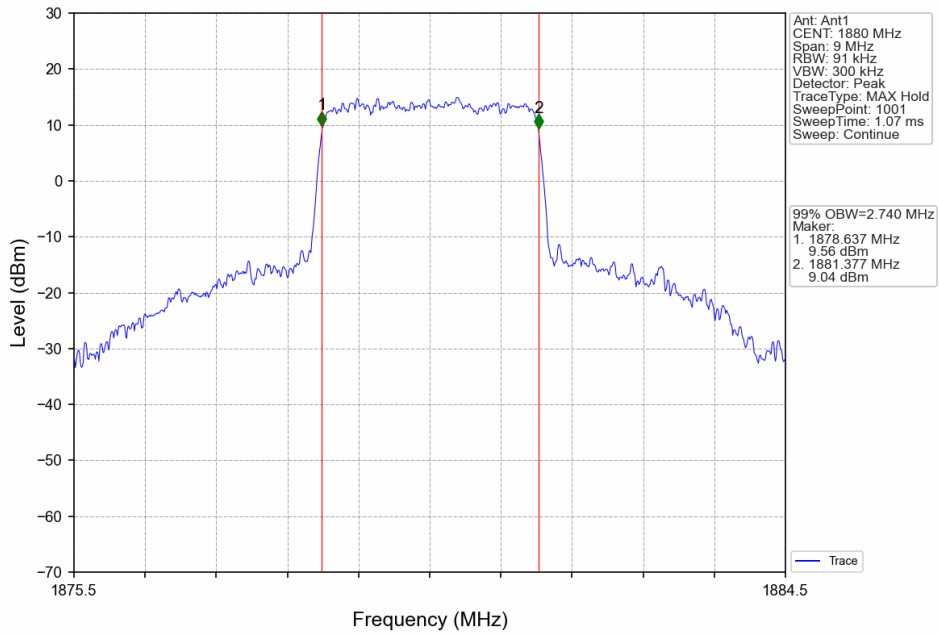


Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

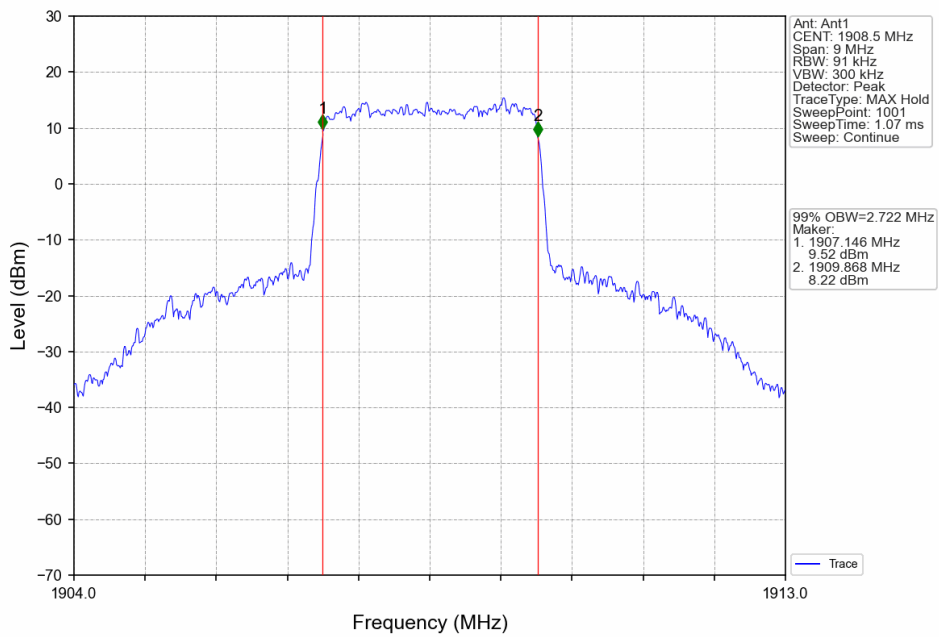




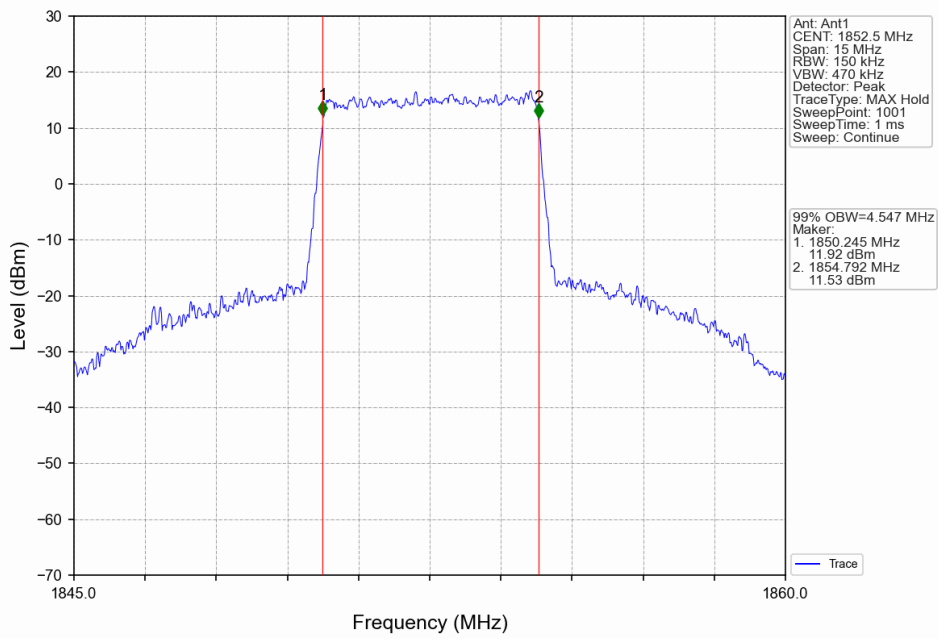
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



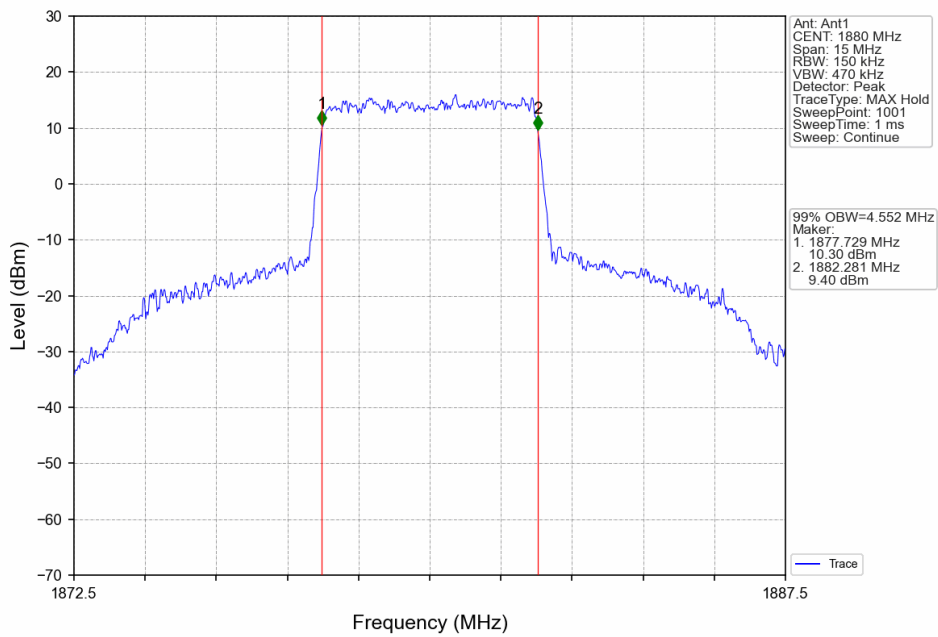
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



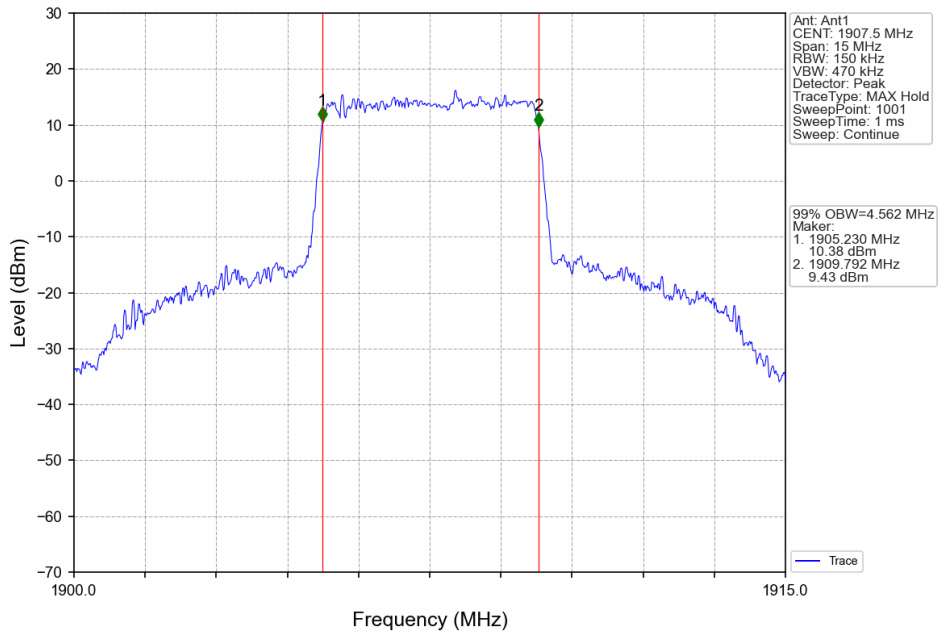
Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



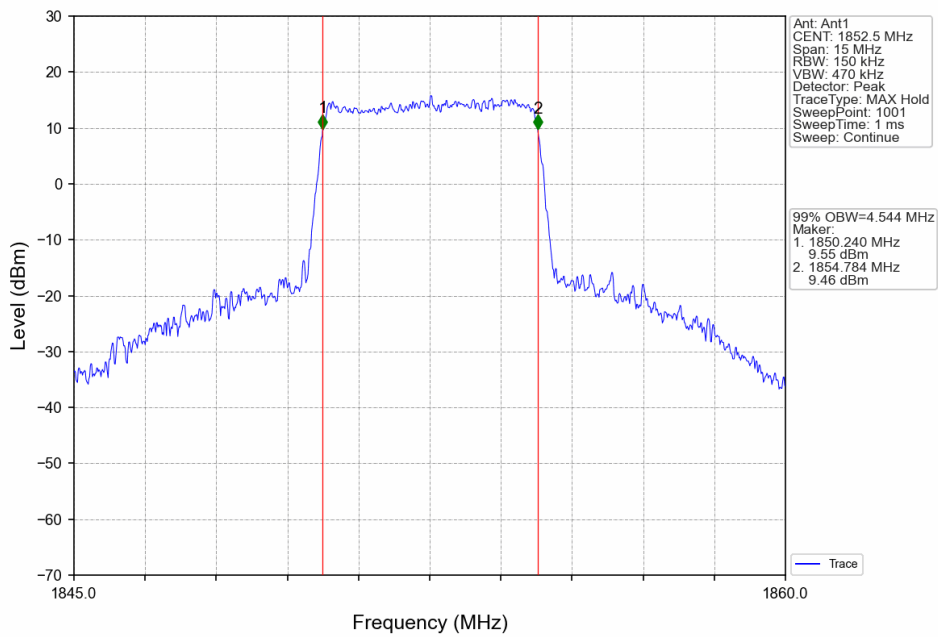
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



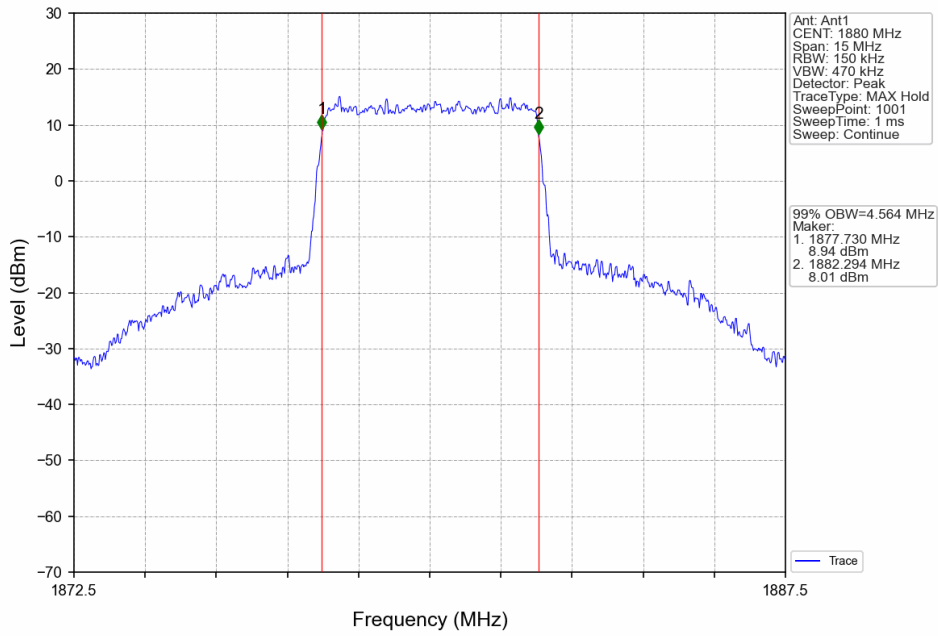
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



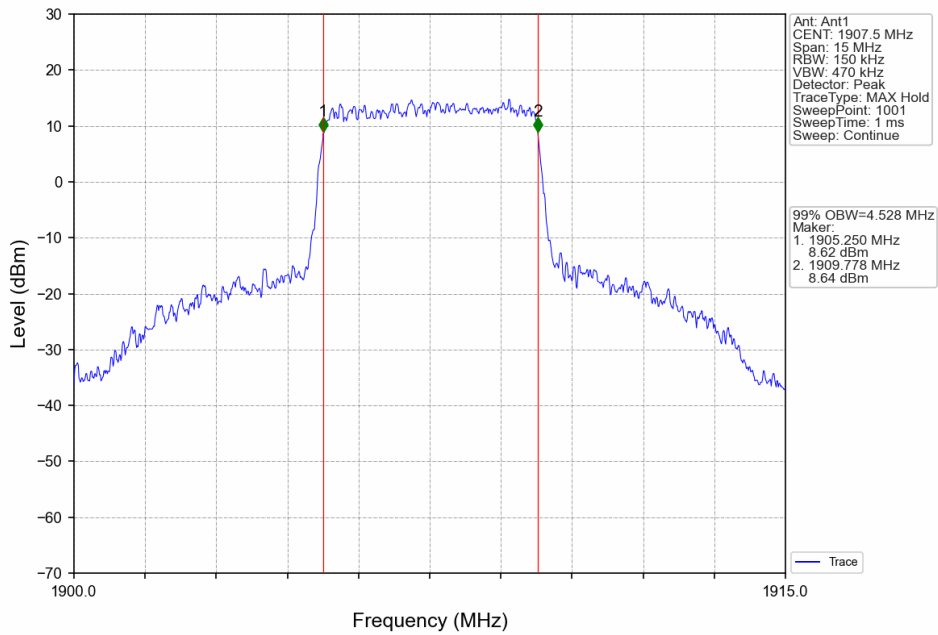
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



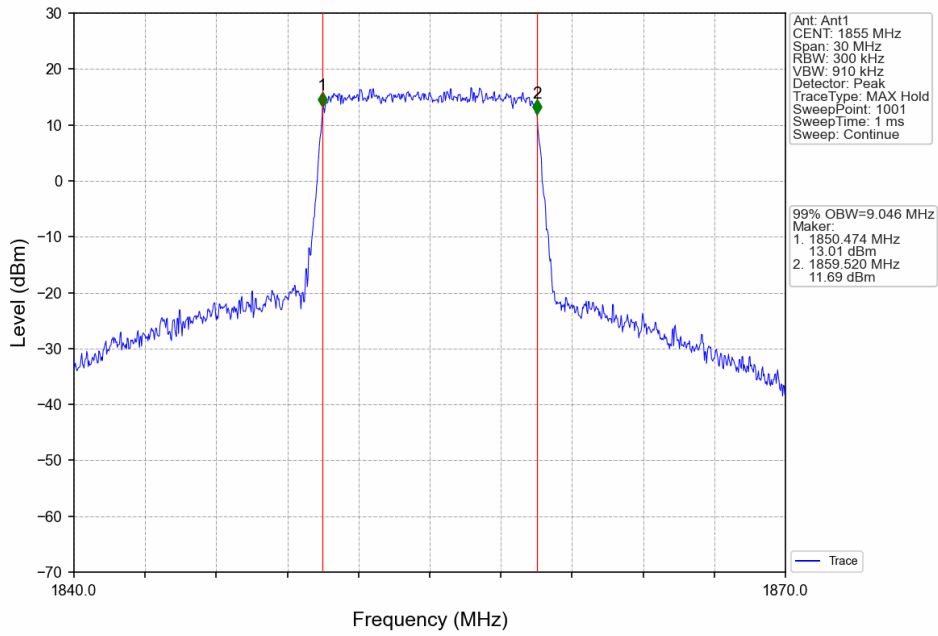
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



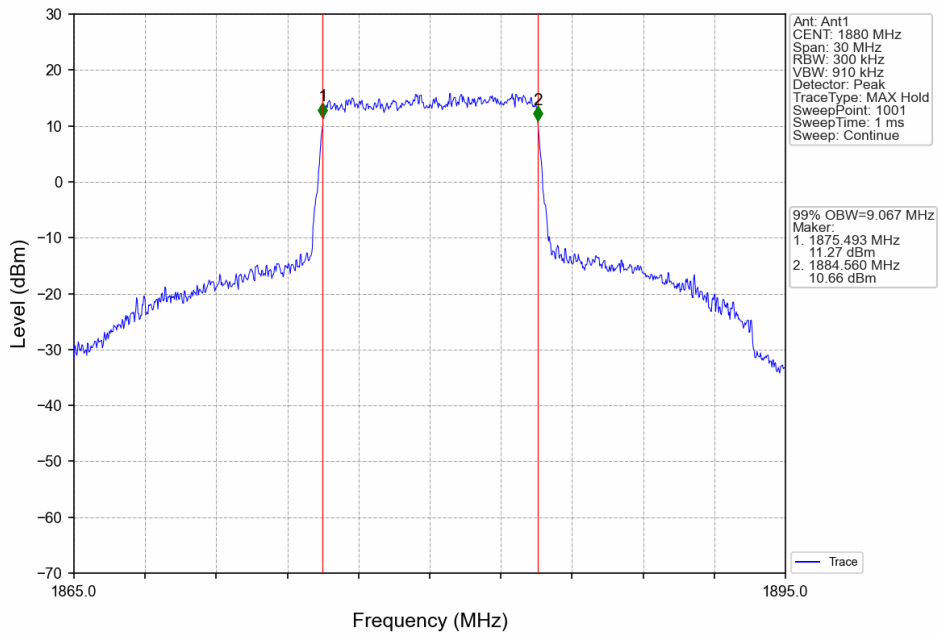
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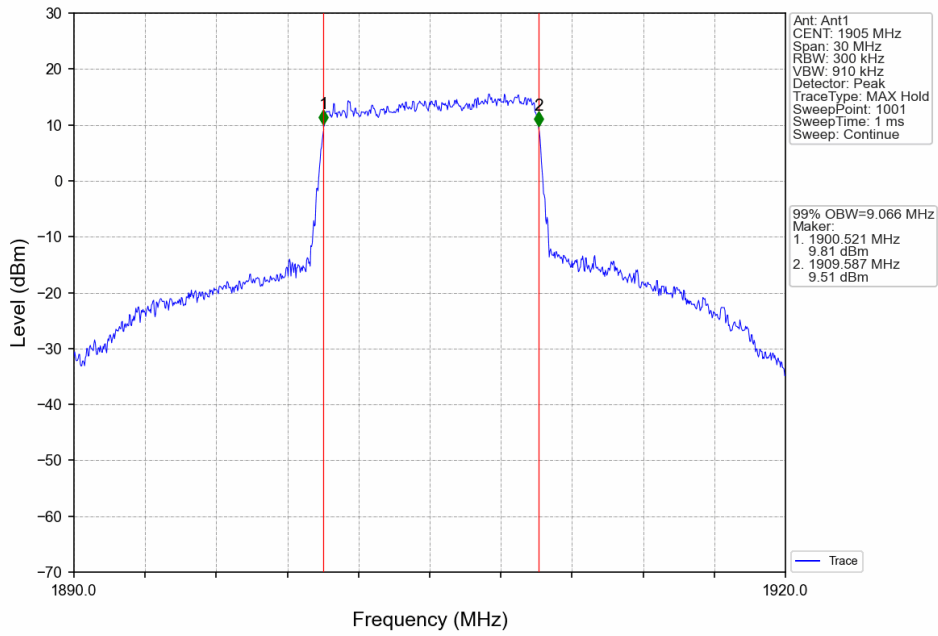
Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



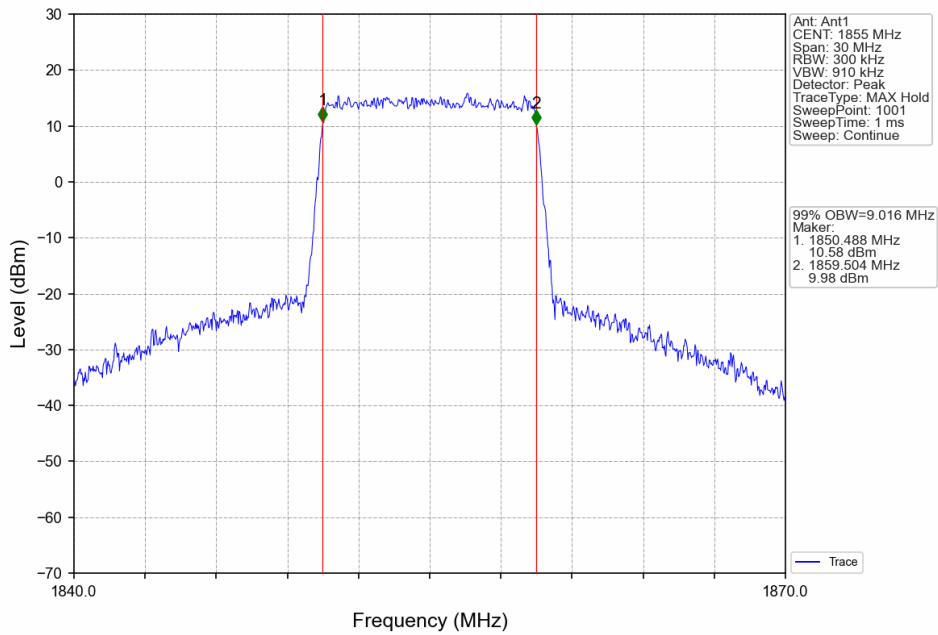
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



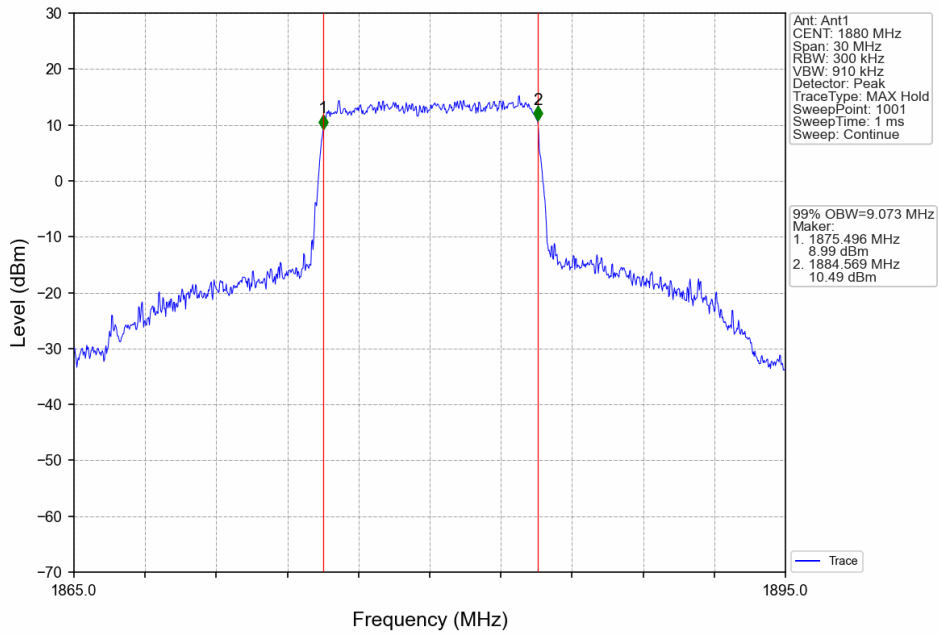
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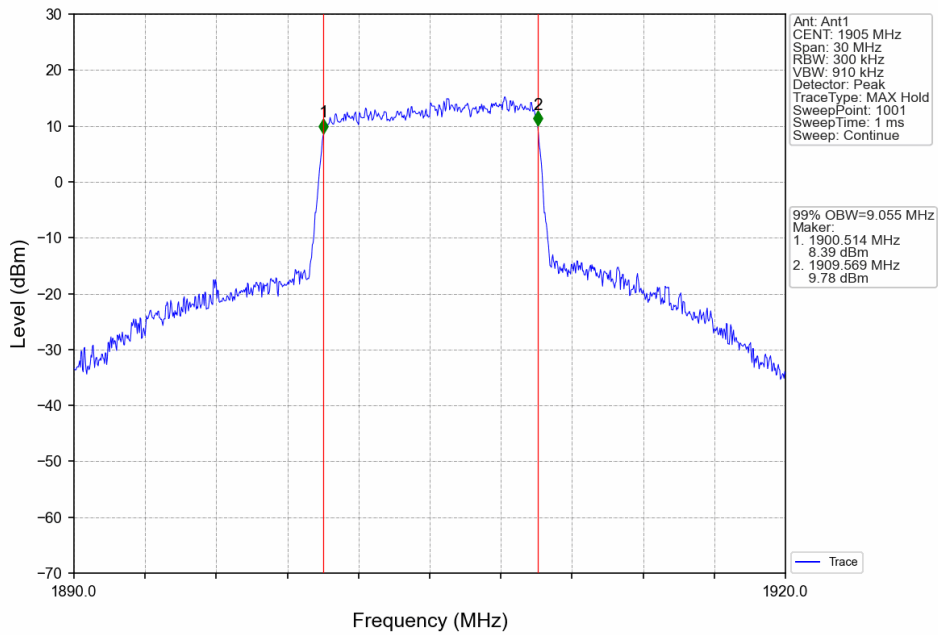
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



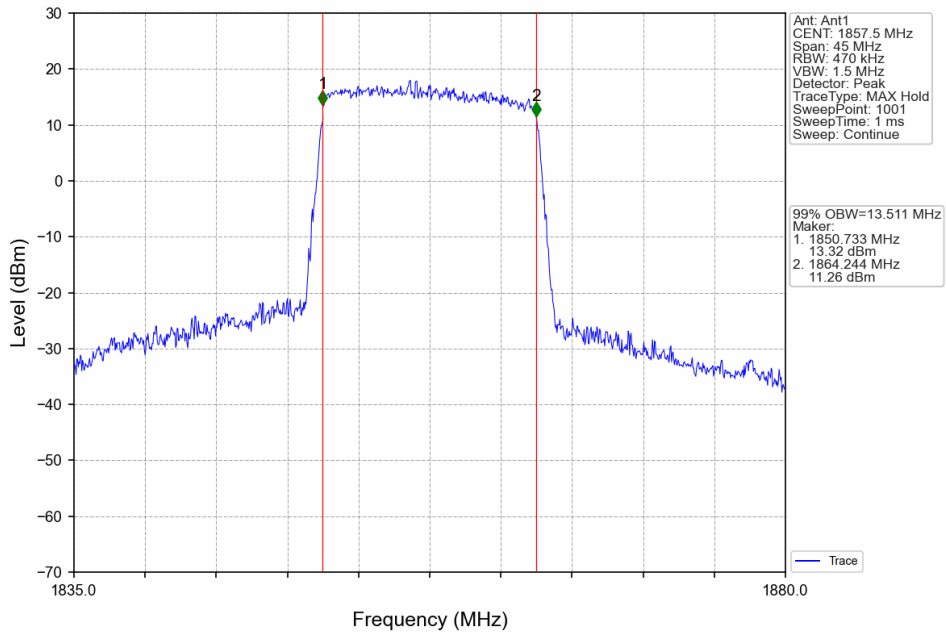
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



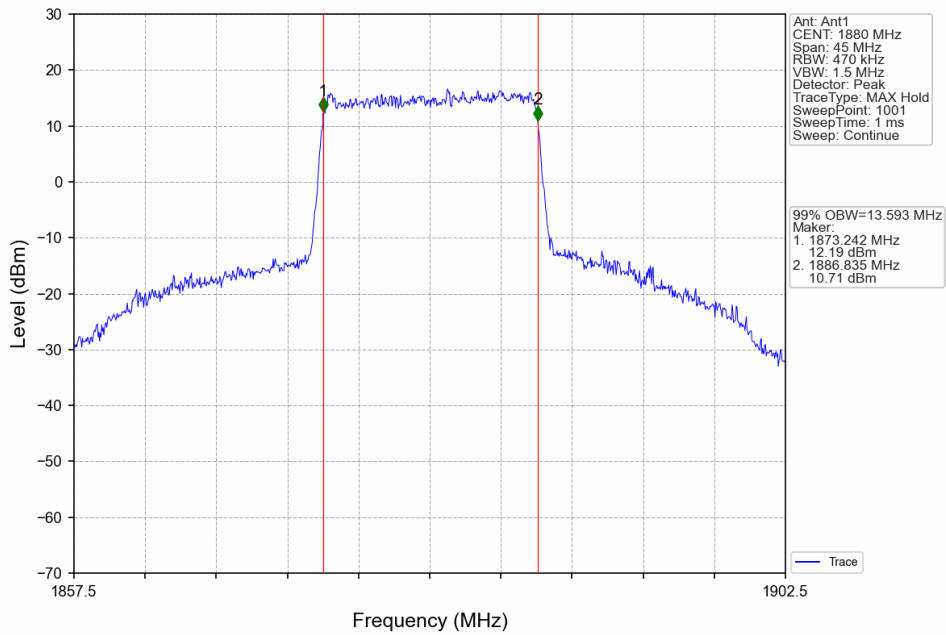
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



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

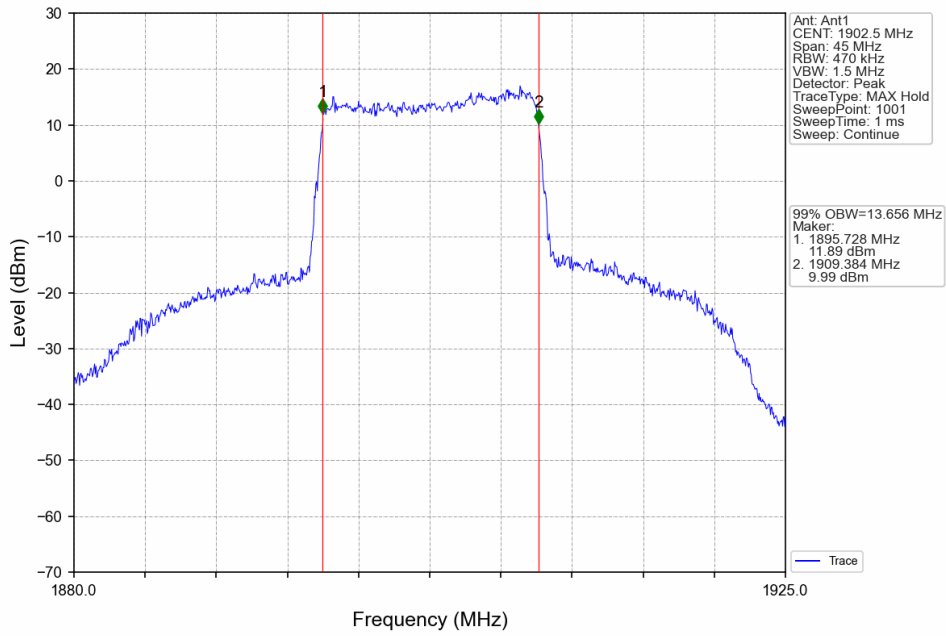


Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV

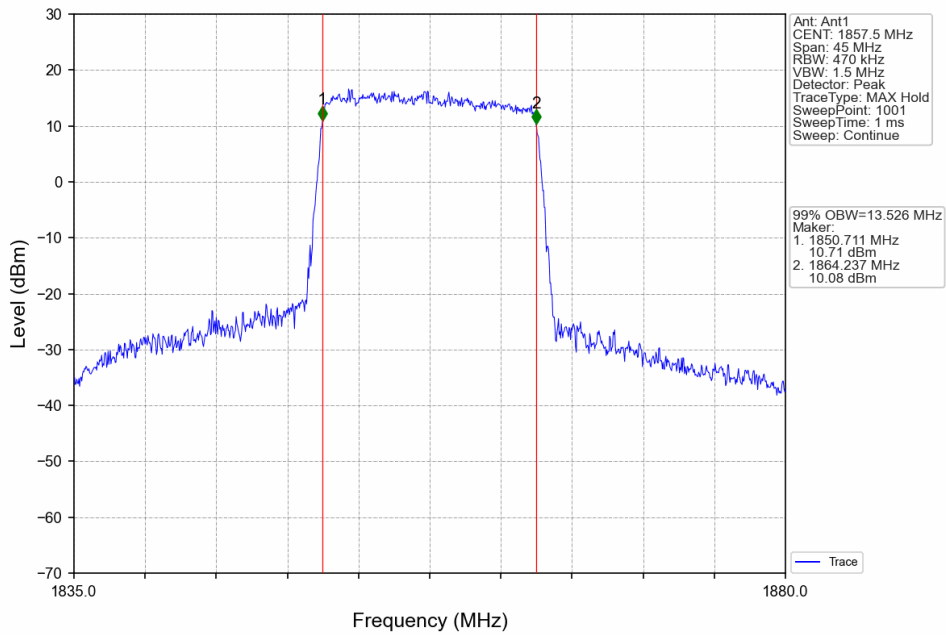




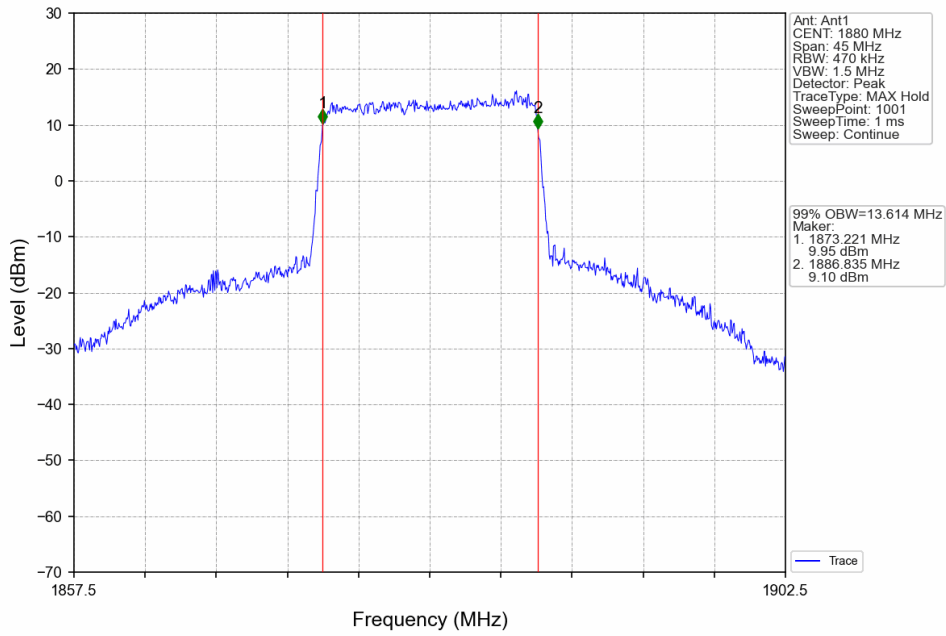
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



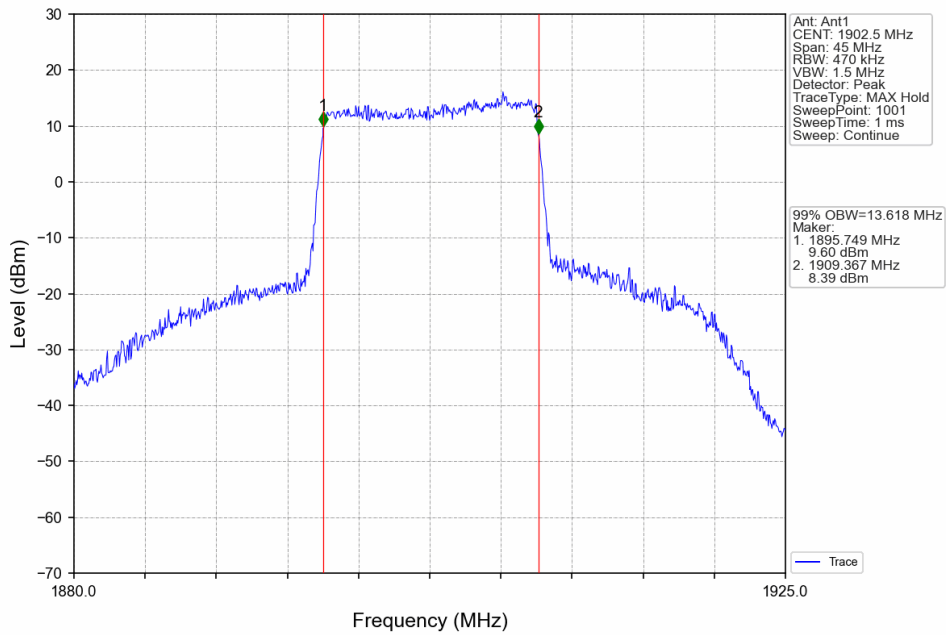
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



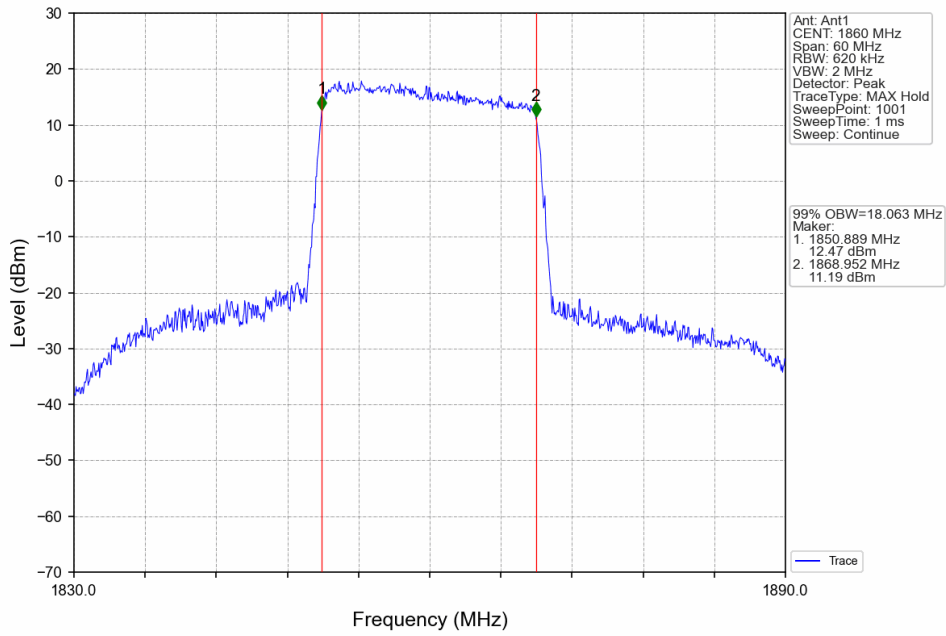
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



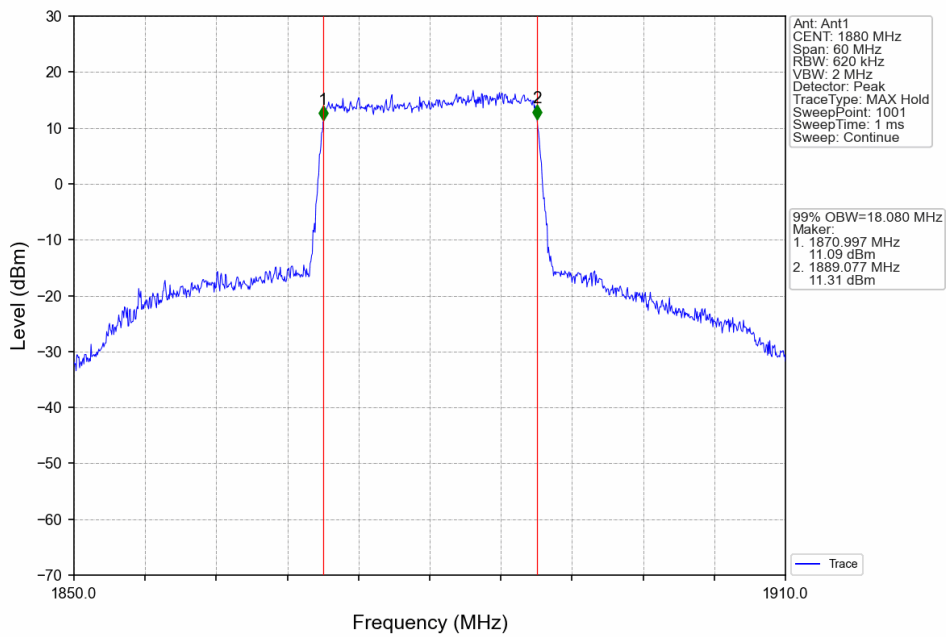
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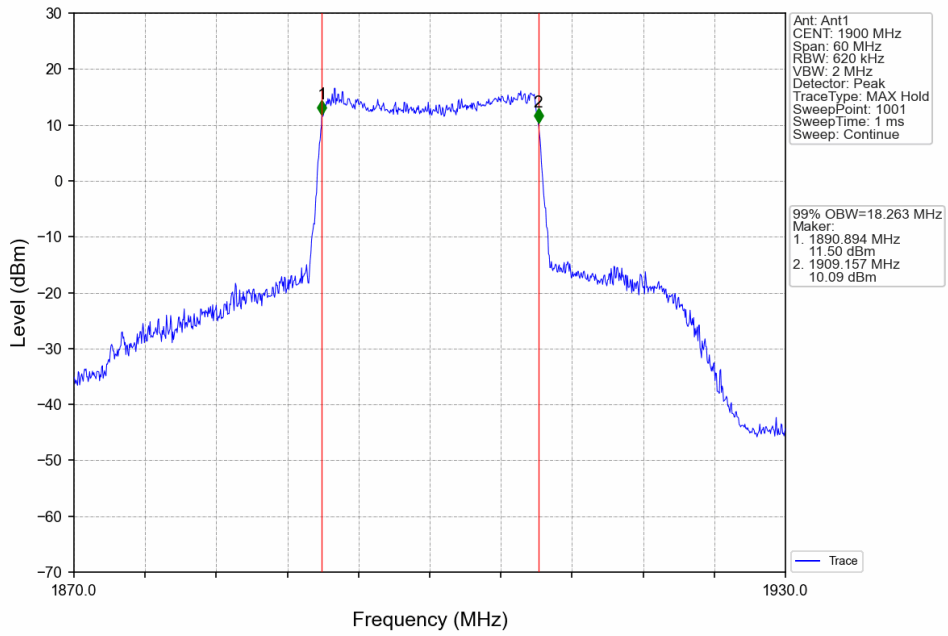
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



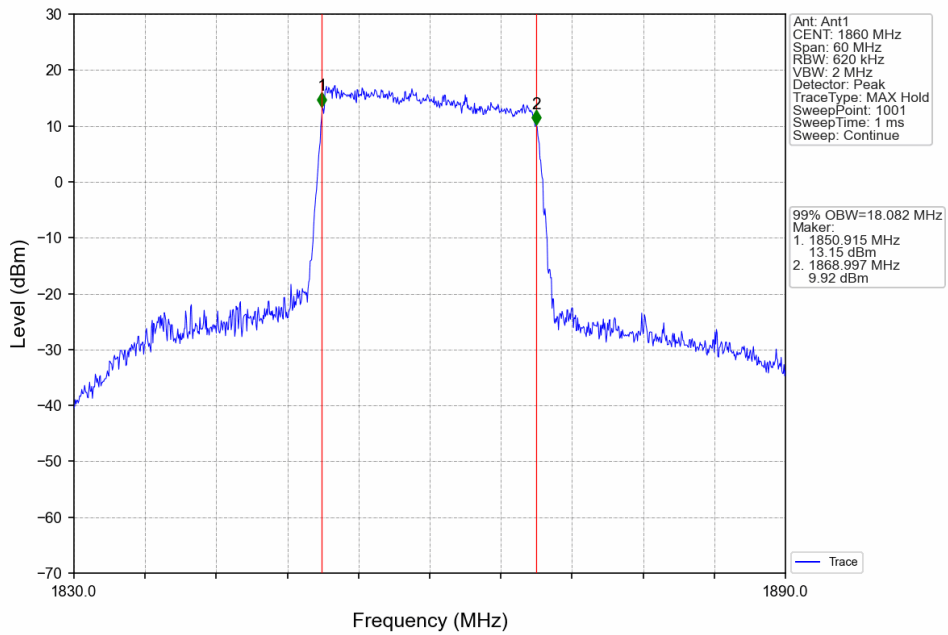
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV



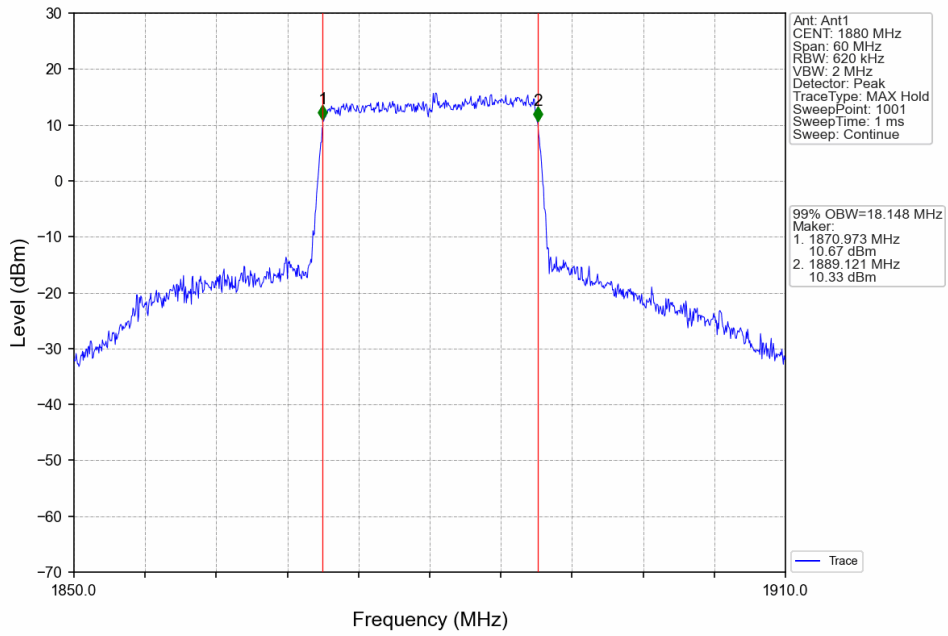
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



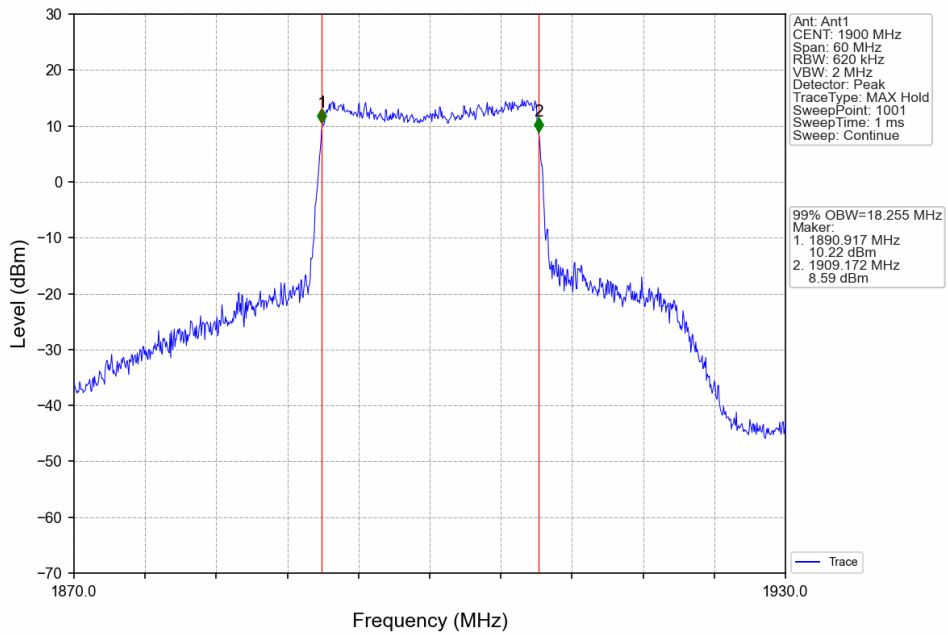
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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

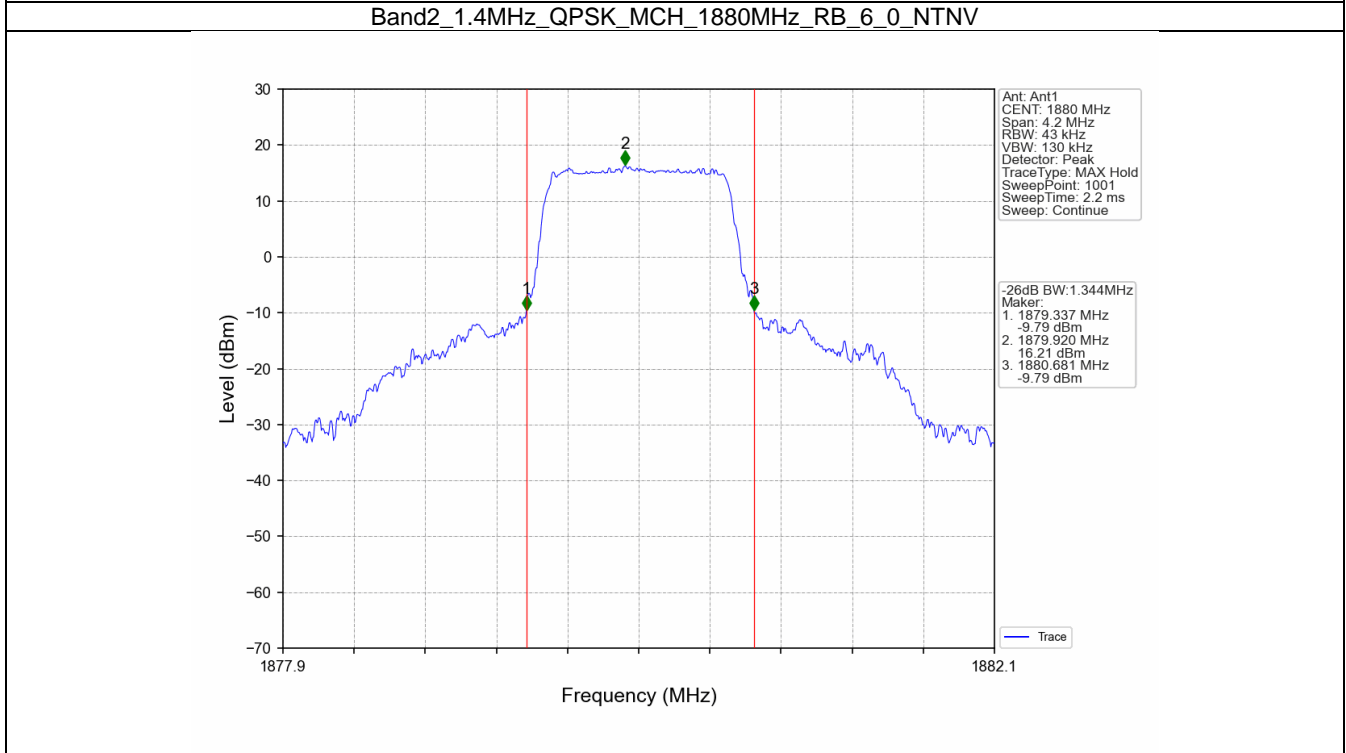
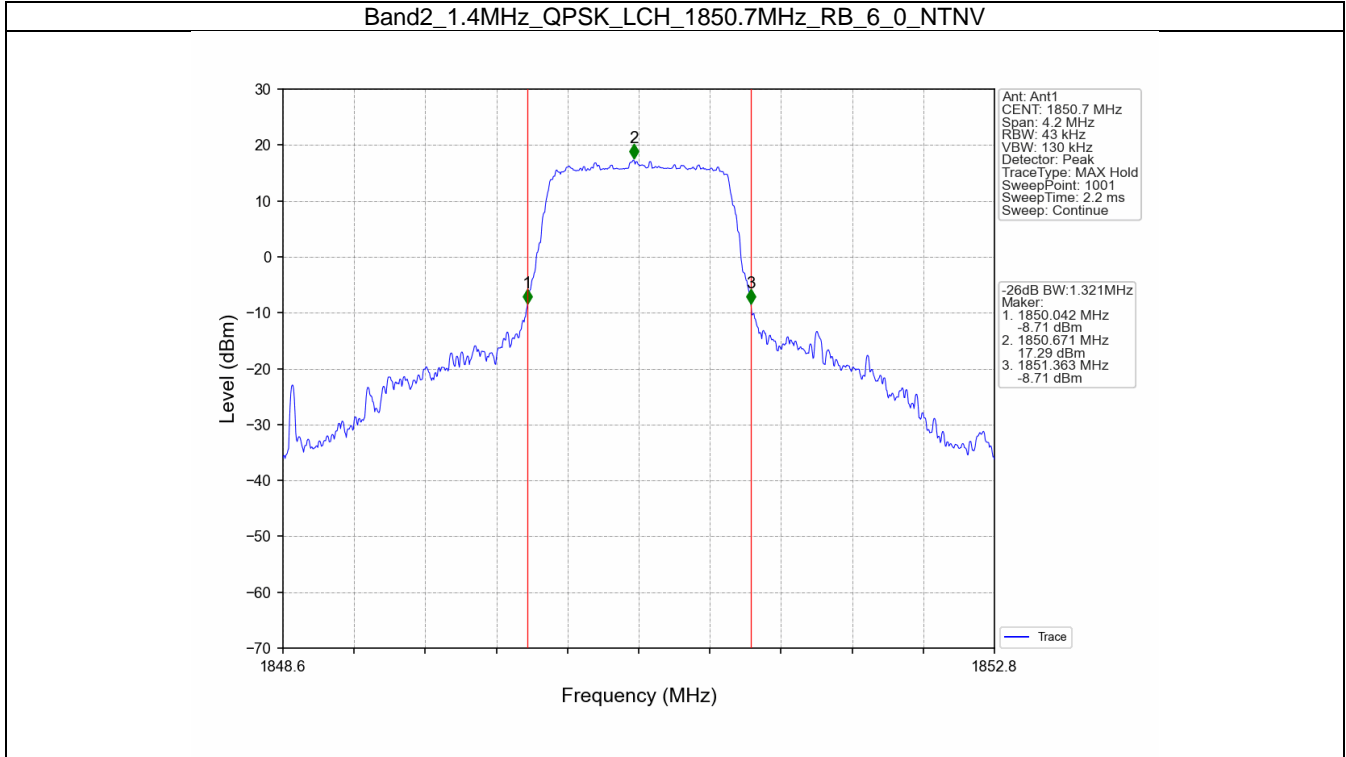


## 4.2 Band2\_XDB

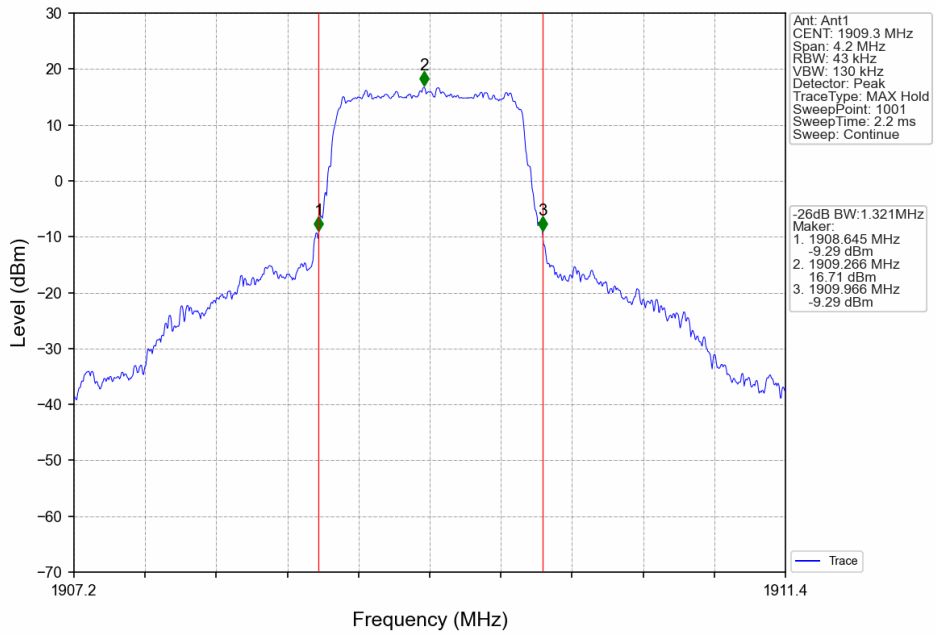
### 4.2.1 Test Result

Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.321	Pass
		1880	6	0	1.344	Pass
		1909.3	6	0	1.321	Pass
	16QAM	1850.7	6	0	1.307	Pass
		1880	6	0	1.322	Pass
		1909.3	6	0	1.323	Pass
3	QPSK	1851.5	15	0	2.987	Pass
		1880	15	0	3.026	Pass
		1908.5	15	0	3.002	Pass
	16QAM	1851.5	15	0	3.014	Pass
		1880	15	0	2.993	Pass
		1908.5	15	0	2.985	Pass
5	QPSK	1852.5	25	0	5.016	Pass
		1880	25	0	5.054	Pass
		1907.5	25	0	5.021	Pass
	16QAM	1852.5	25	0	5.037	Pass
		1880	25	0	5.041	Pass
		1907.5	25	0	5.059	Pass
10	QPSK	1855	50	0	9.931	Pass
		1880	50	0	9.993	Pass
		1905	50	0	9.954	Pass
	16QAM	1855	50	0	9.898	Pass
		1880	50	0	9.915	Pass
		1905	50	0	9.908	Pass
15	QPSK	1857.5	75	0	14.888	Pass
		1880	75	0	14.923	Pass
		1902.5	75	0	14.839	Pass
	16QAM	1857.5	75	0	14.750	Pass
		1880	75	0	14.895	Pass
		1902.5	75	0	14.929	Pass
20	QPSK	1860	100	0	19.700	Pass
		1880	100	0	19.793	Pass
		1900	100	0	19.865	Pass
	16QAM	1860	100	0	19.642	Pass
		1880	100	0	19.738	Pass
		1900	100	0	19.827	Pass

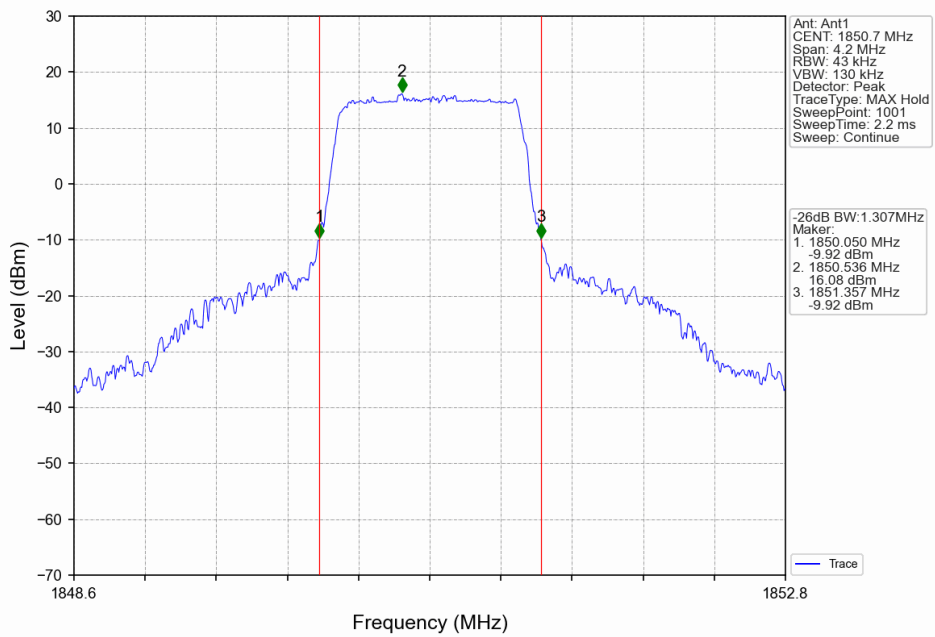
### 4.2.2 Test Graph



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

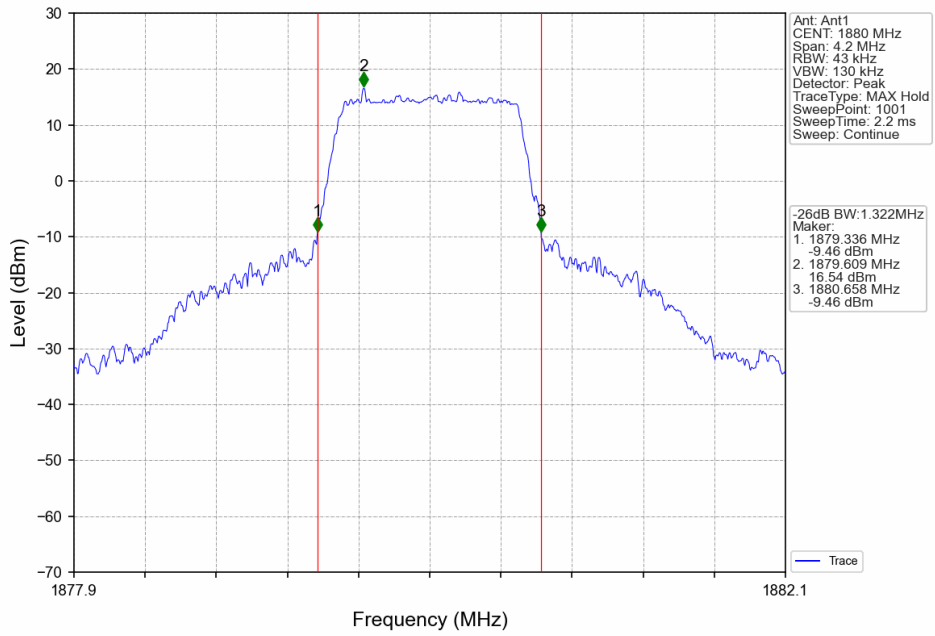


Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

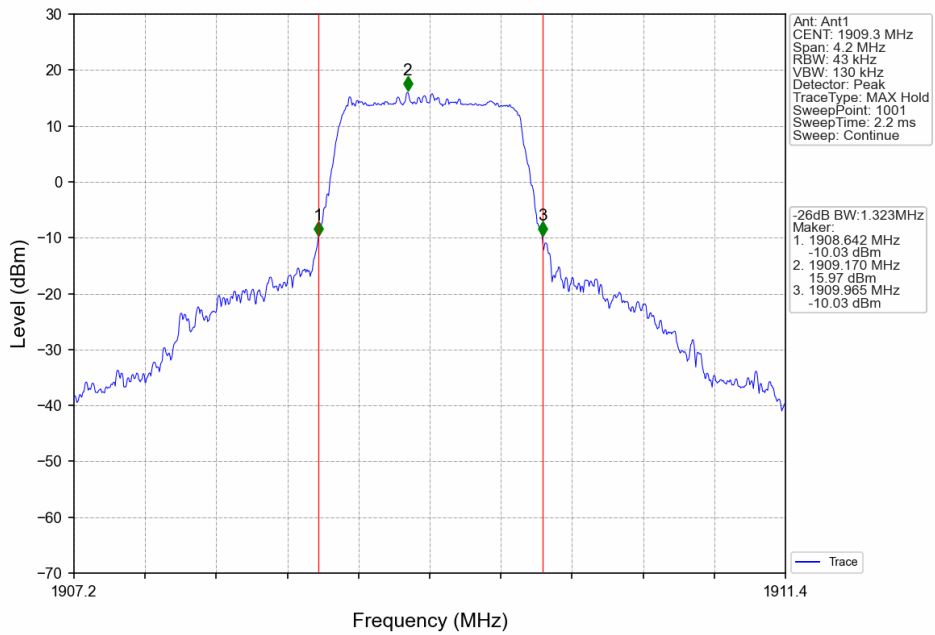




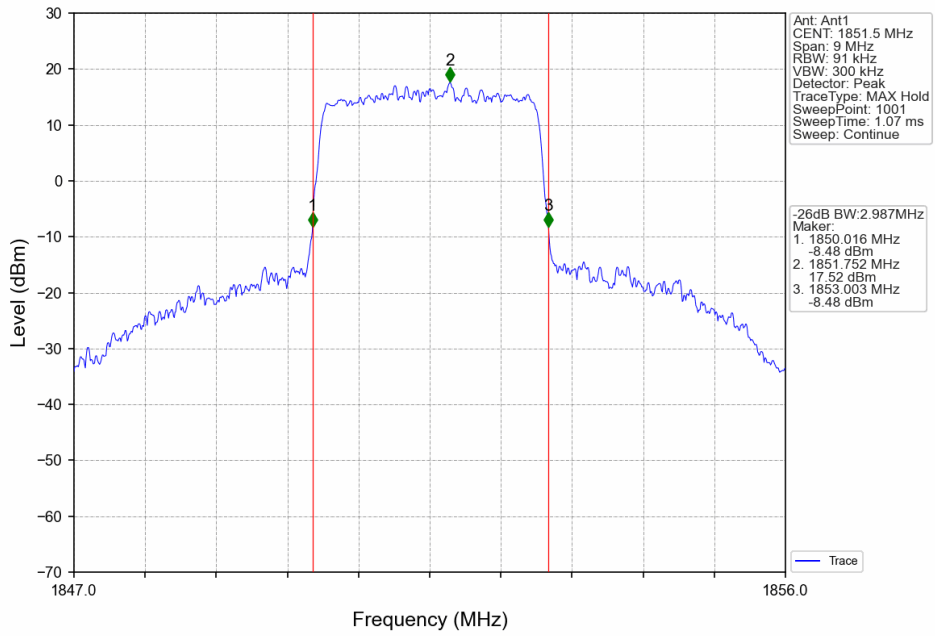
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



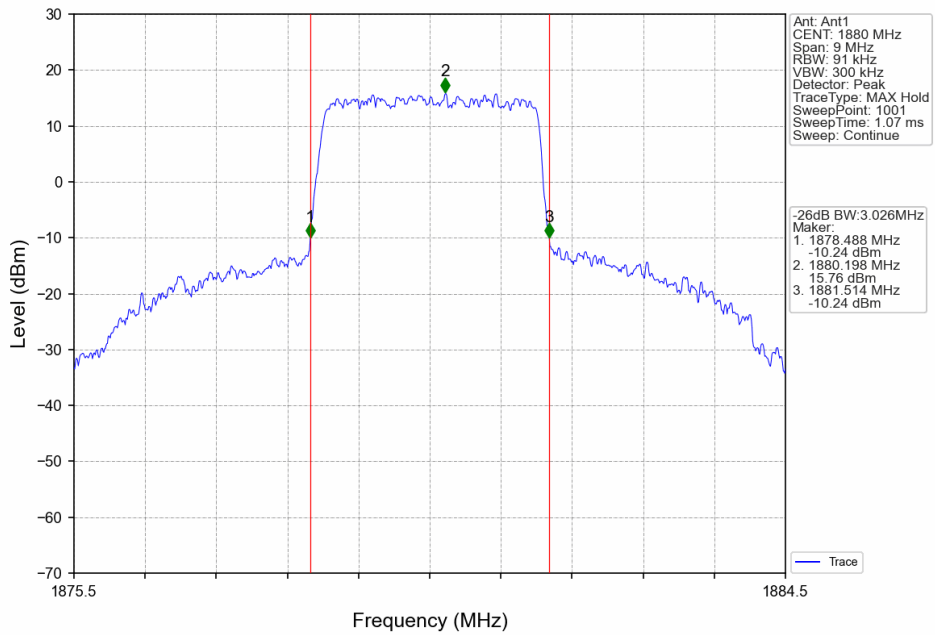
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



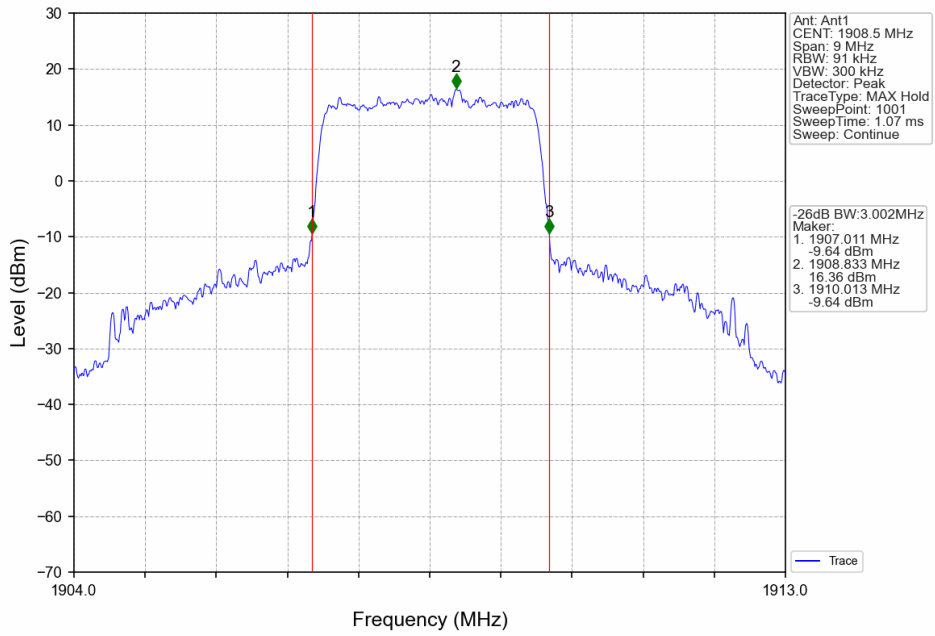
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



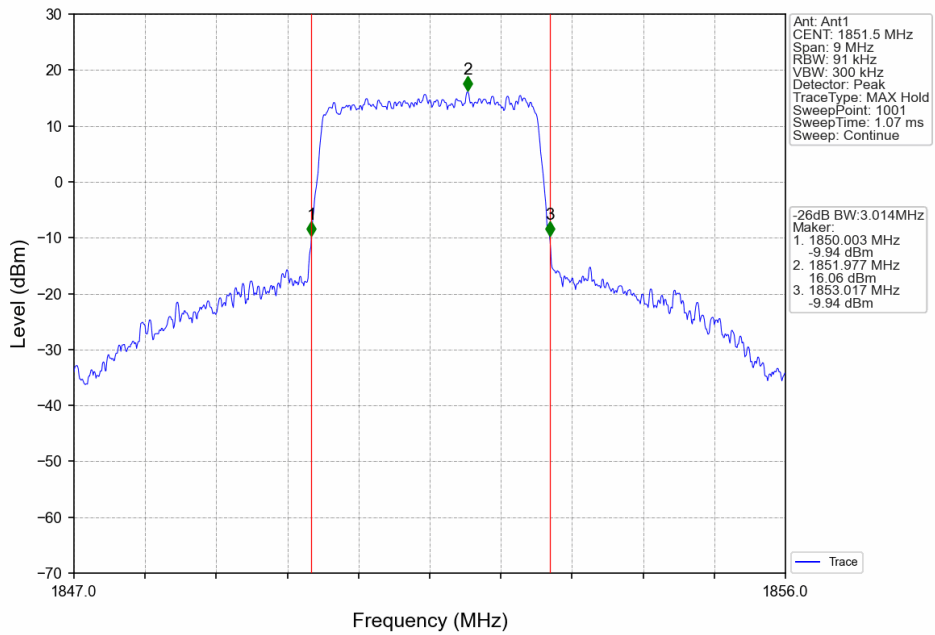
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



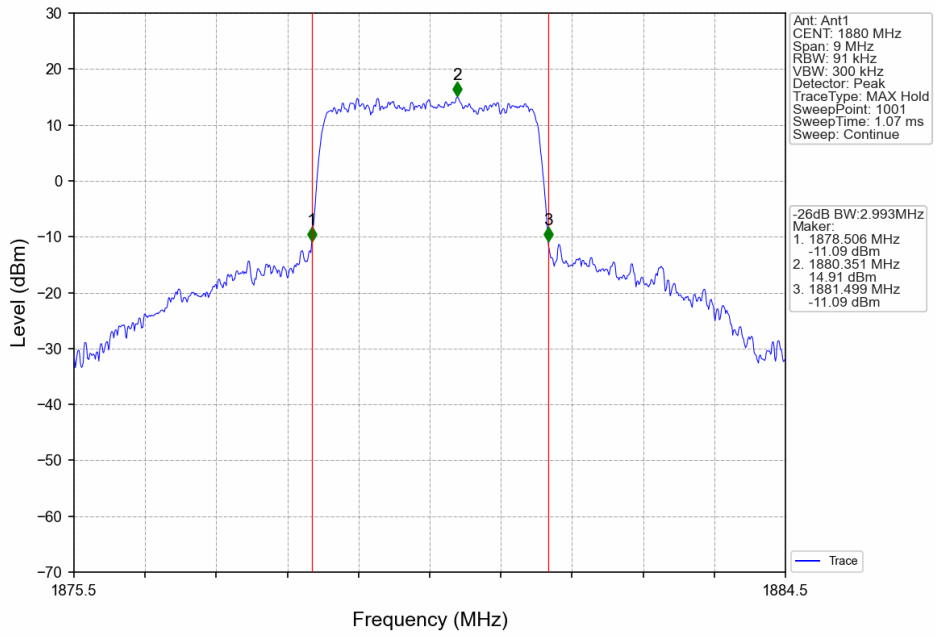
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



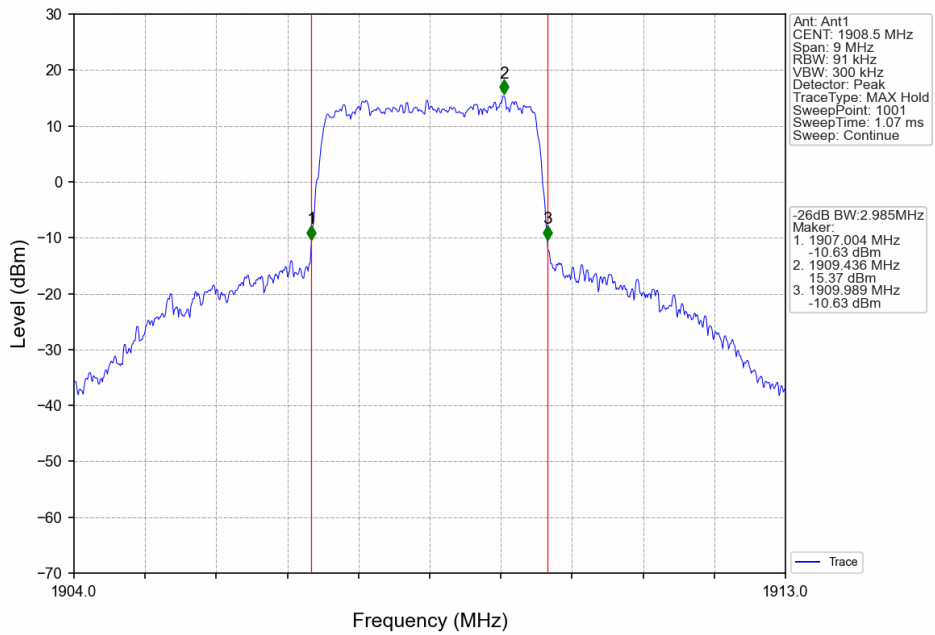
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



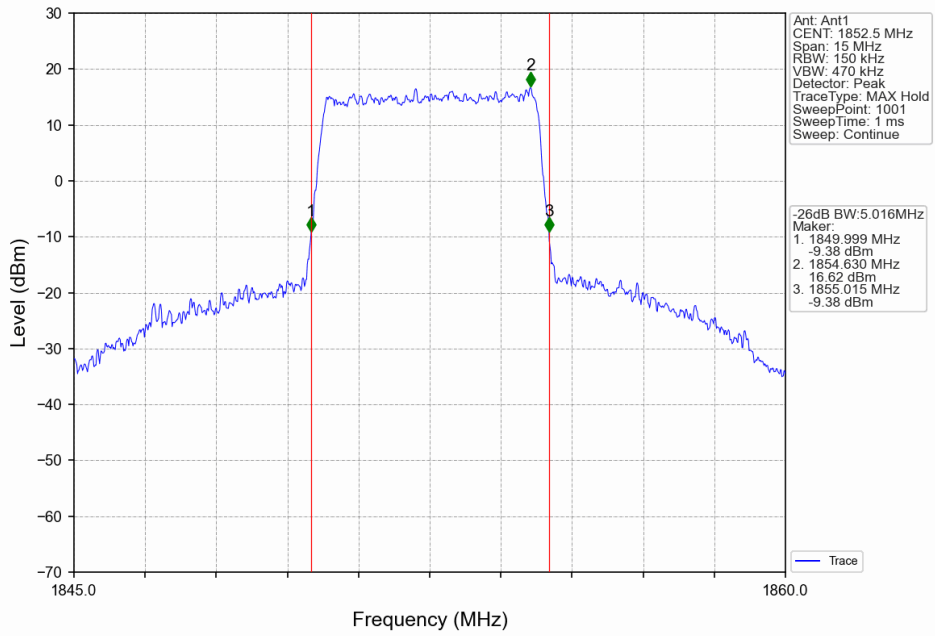
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



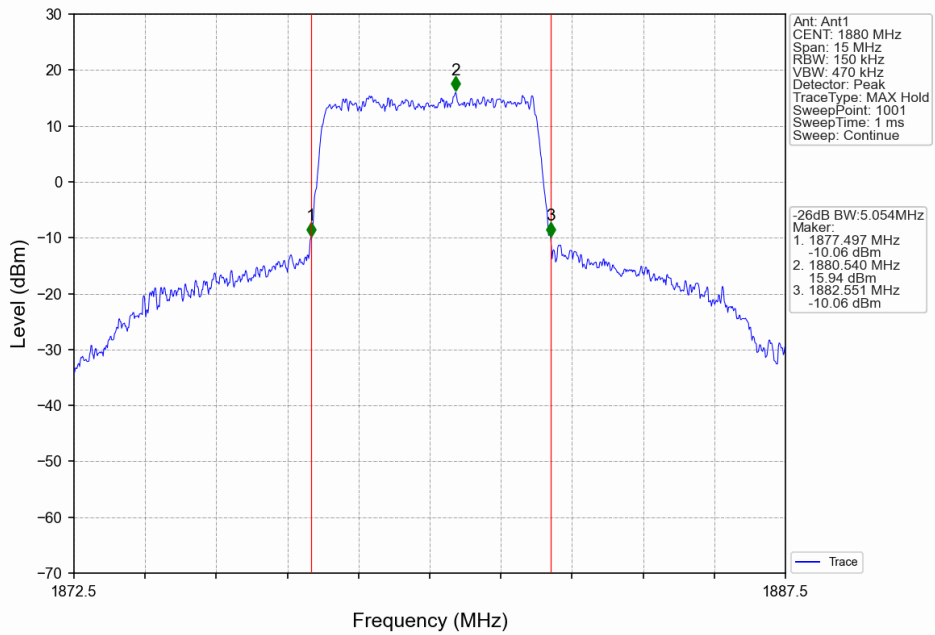
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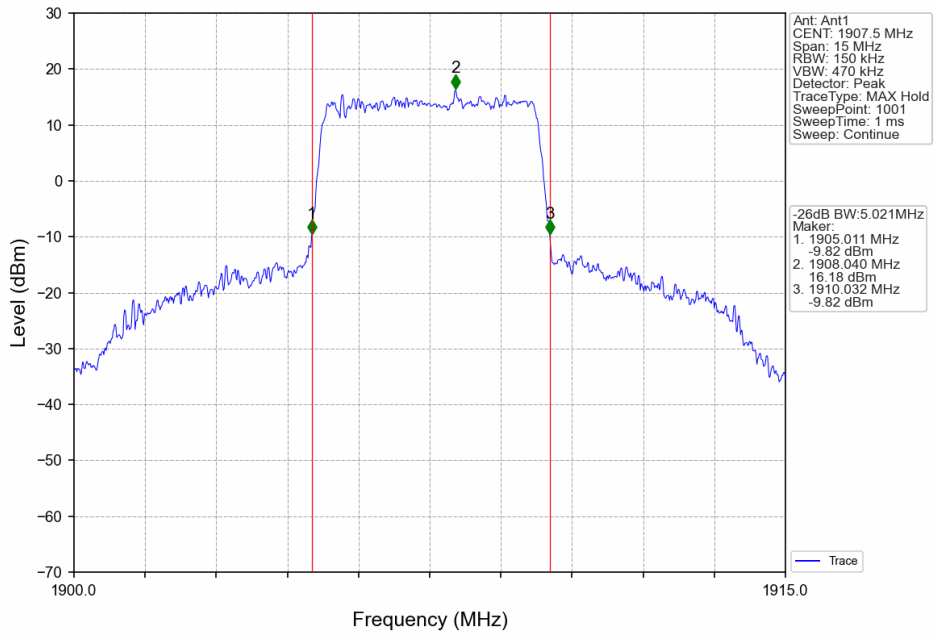
Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



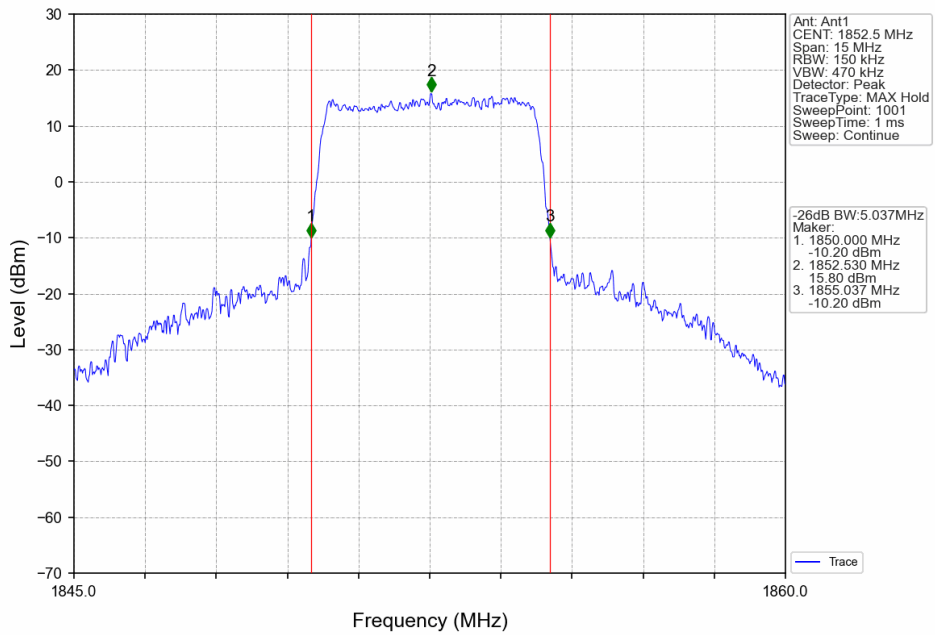
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



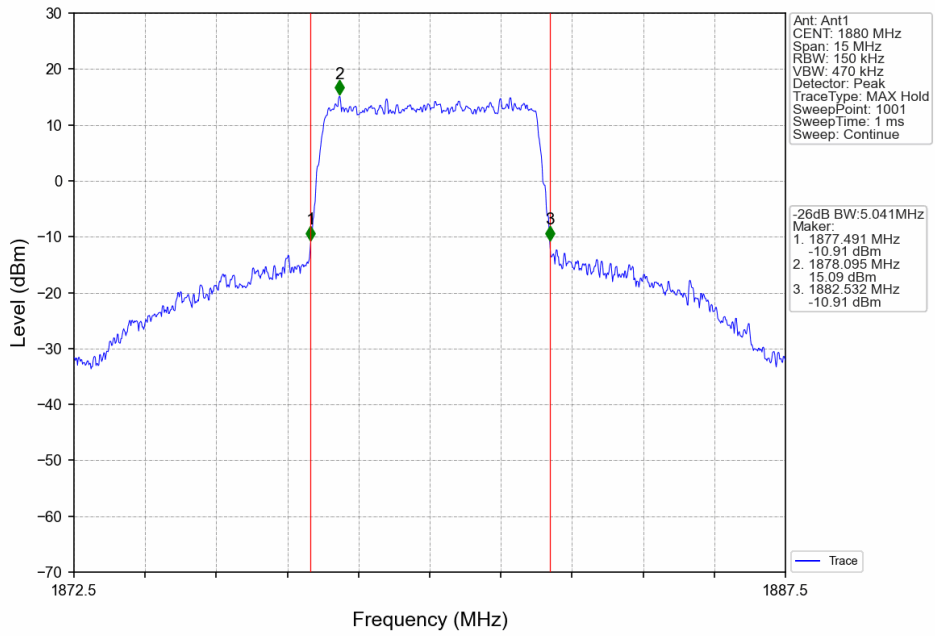
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



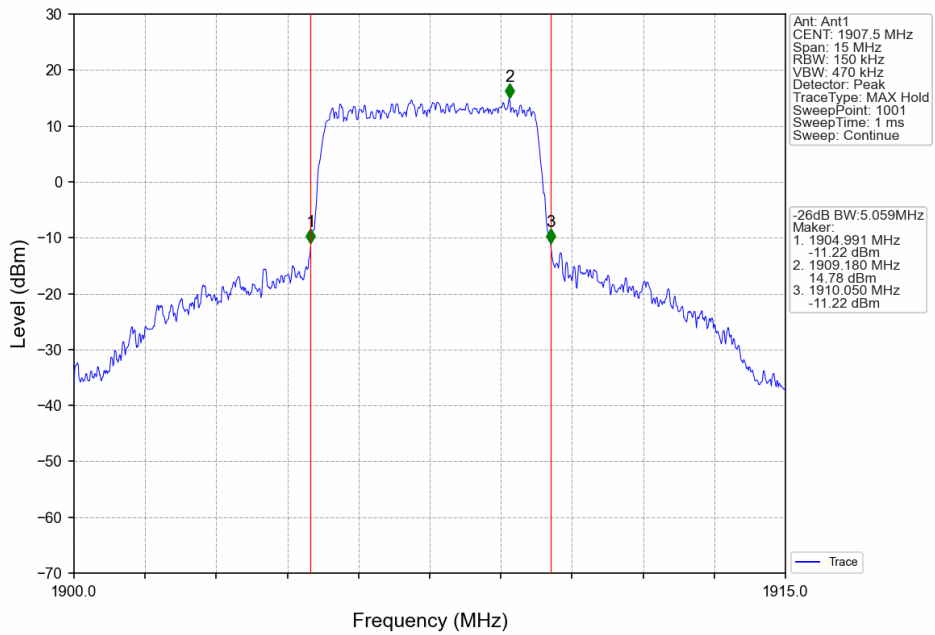
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



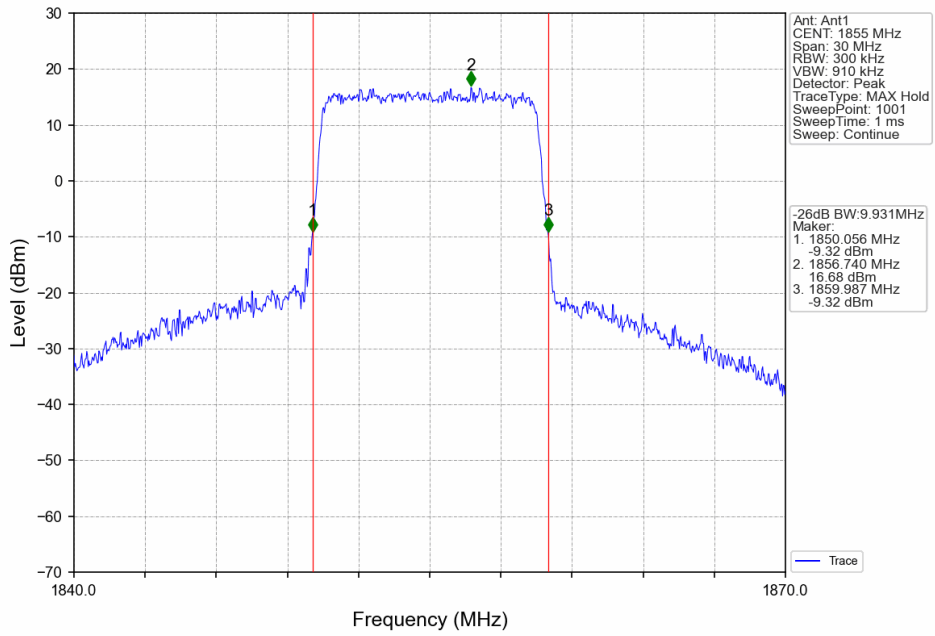
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



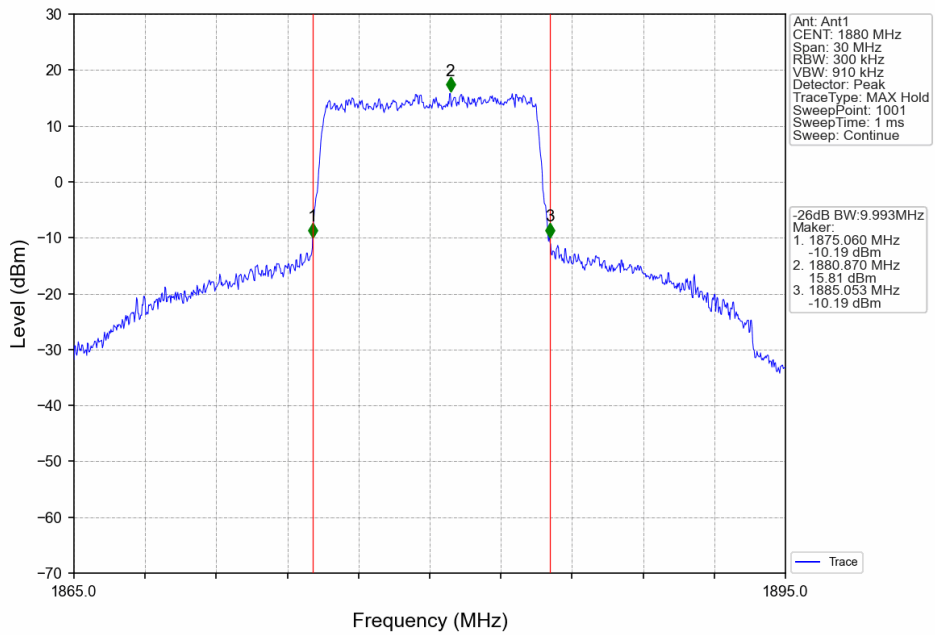
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



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

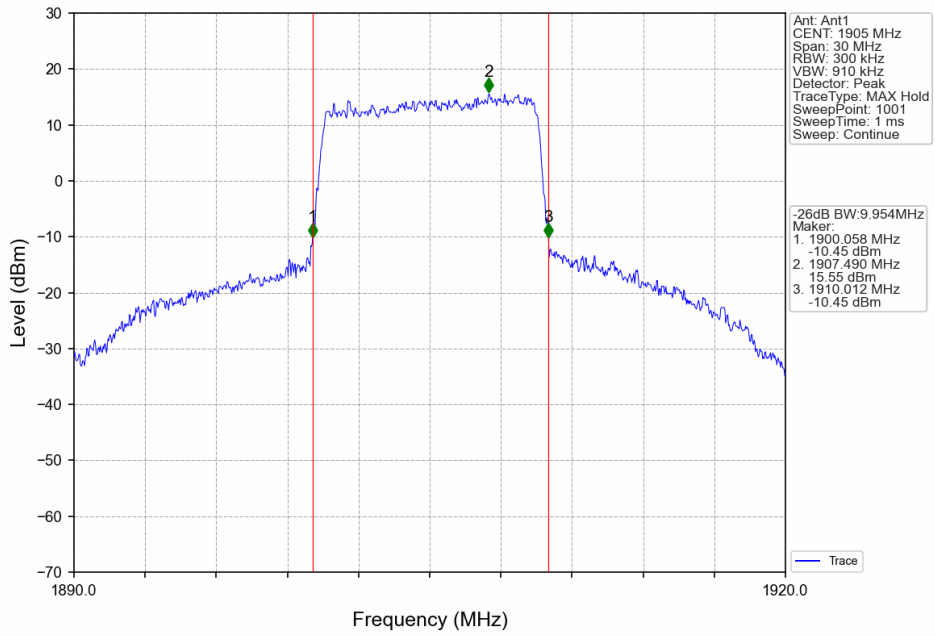


Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV

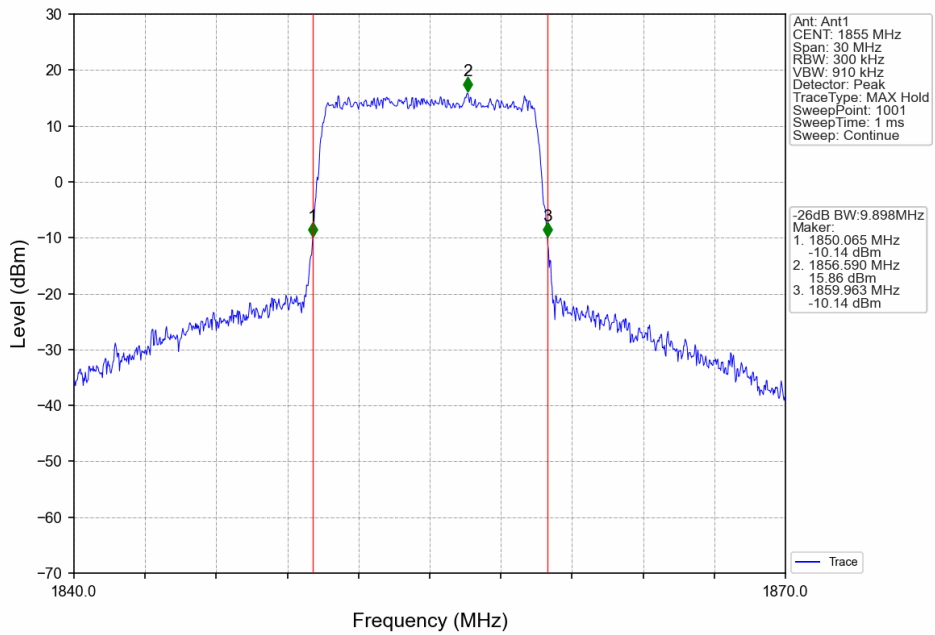




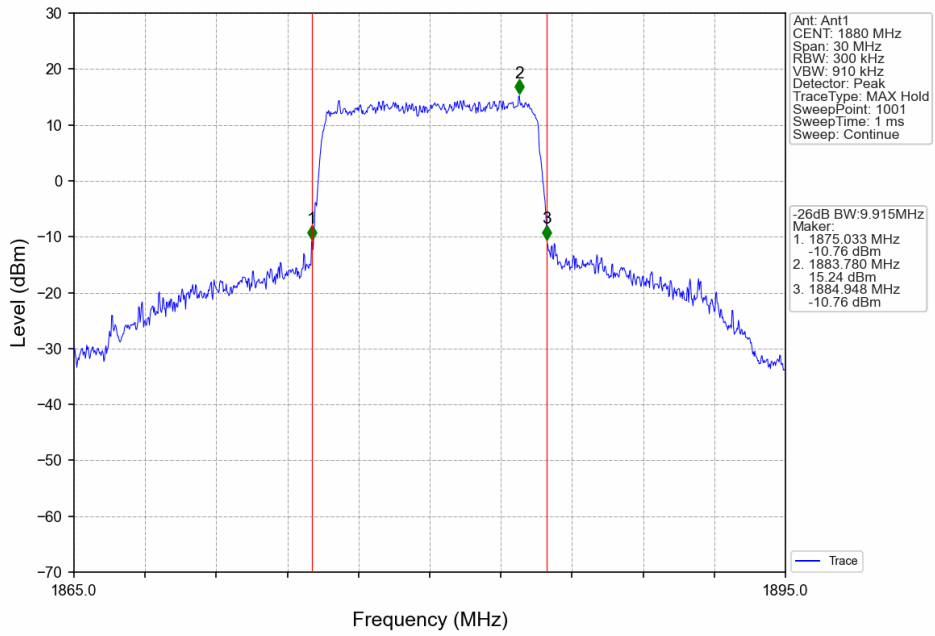
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



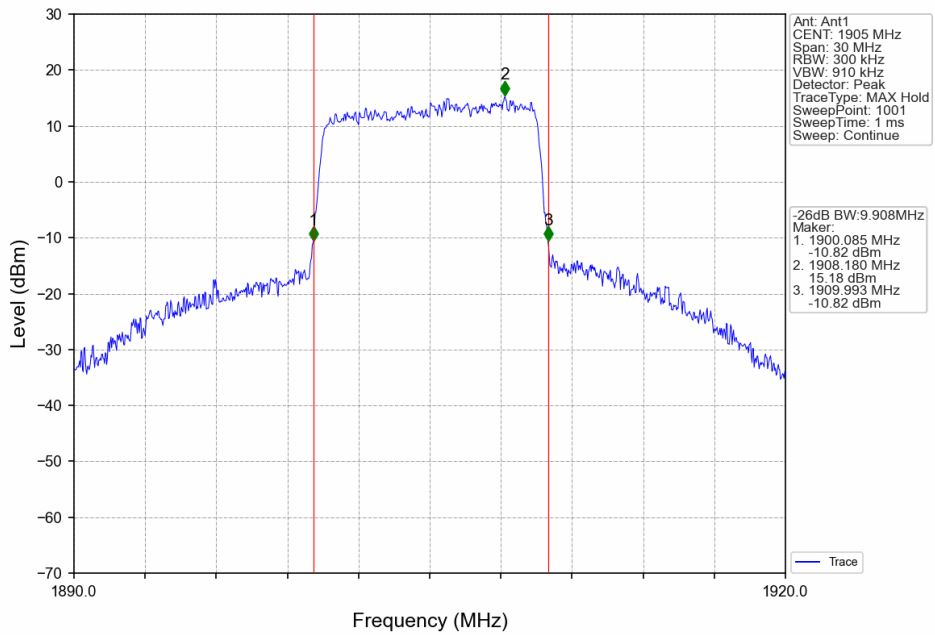
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



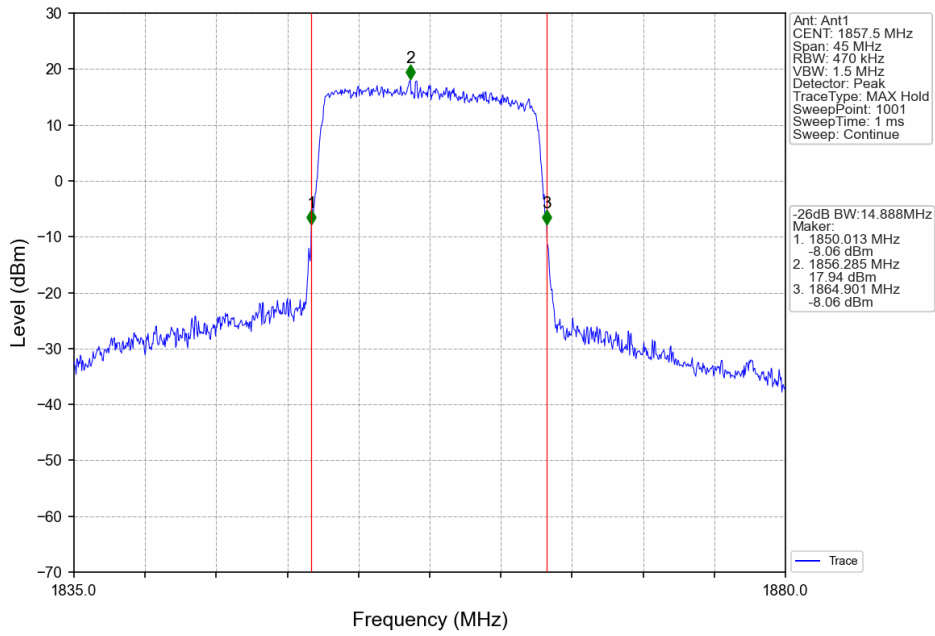
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



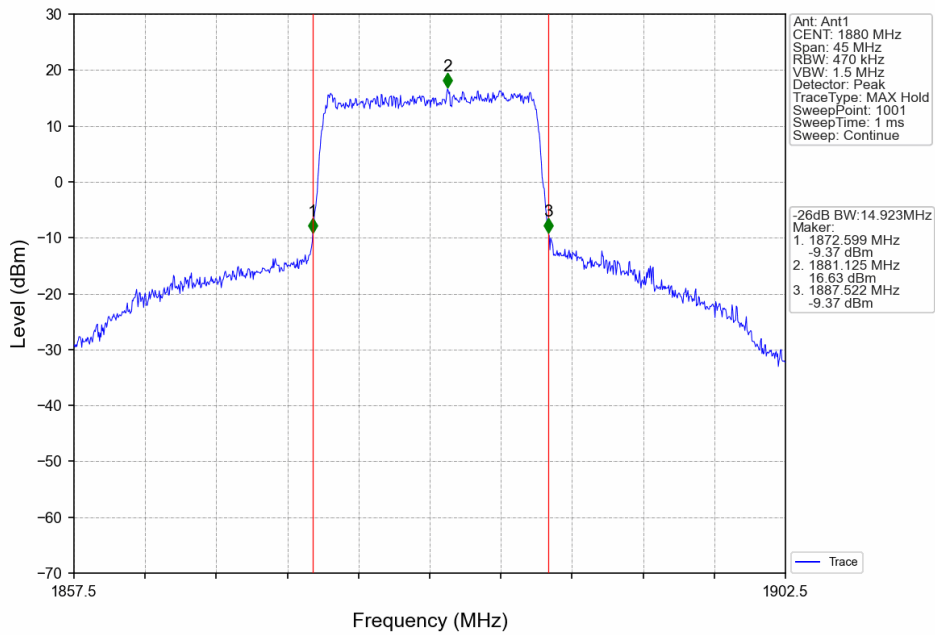
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



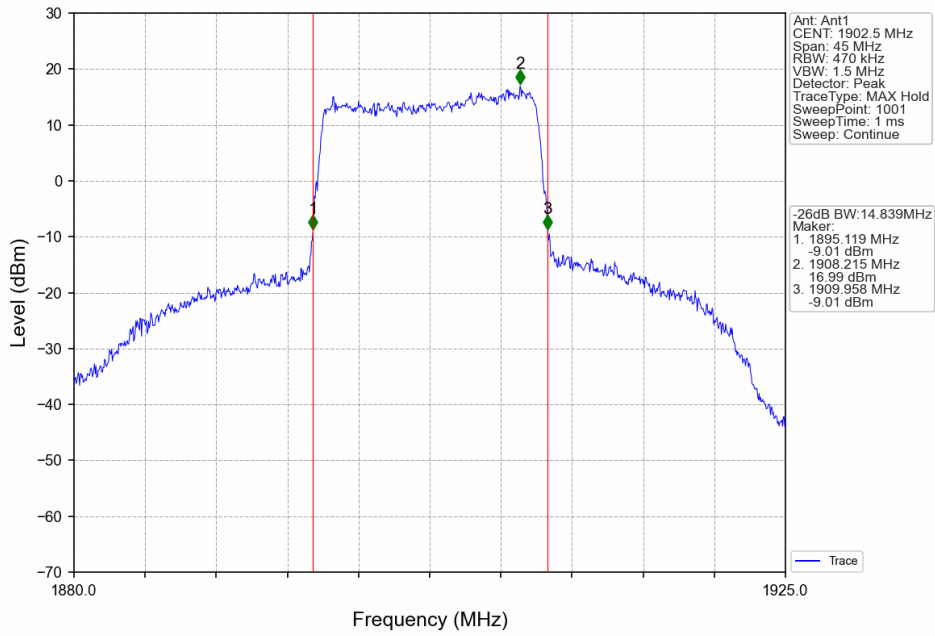
Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



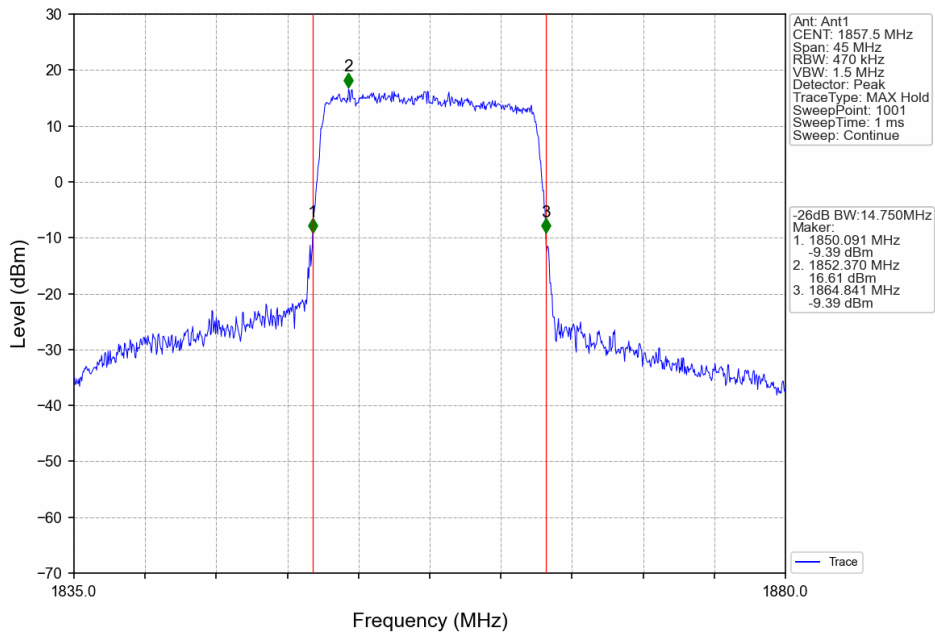
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



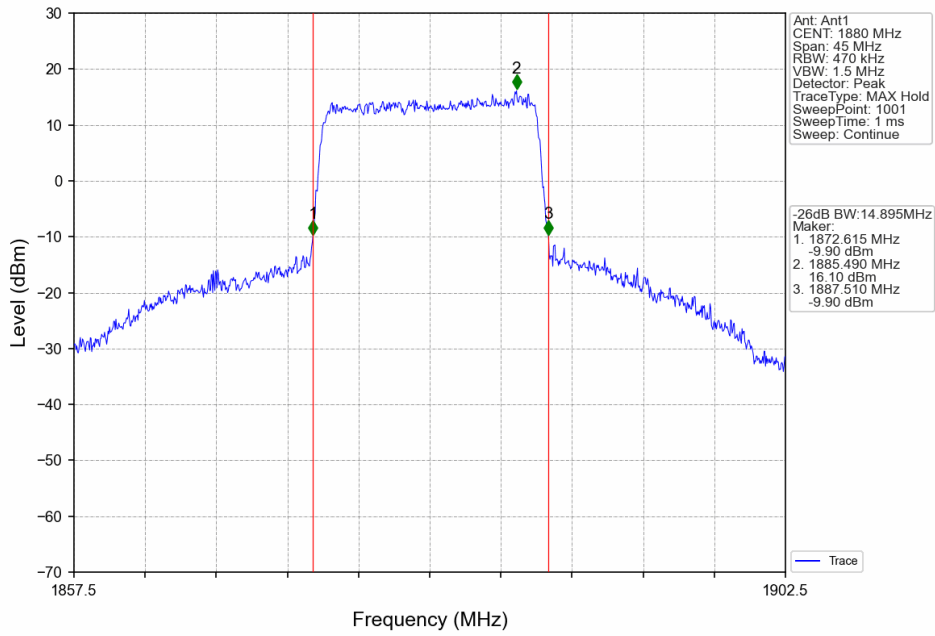
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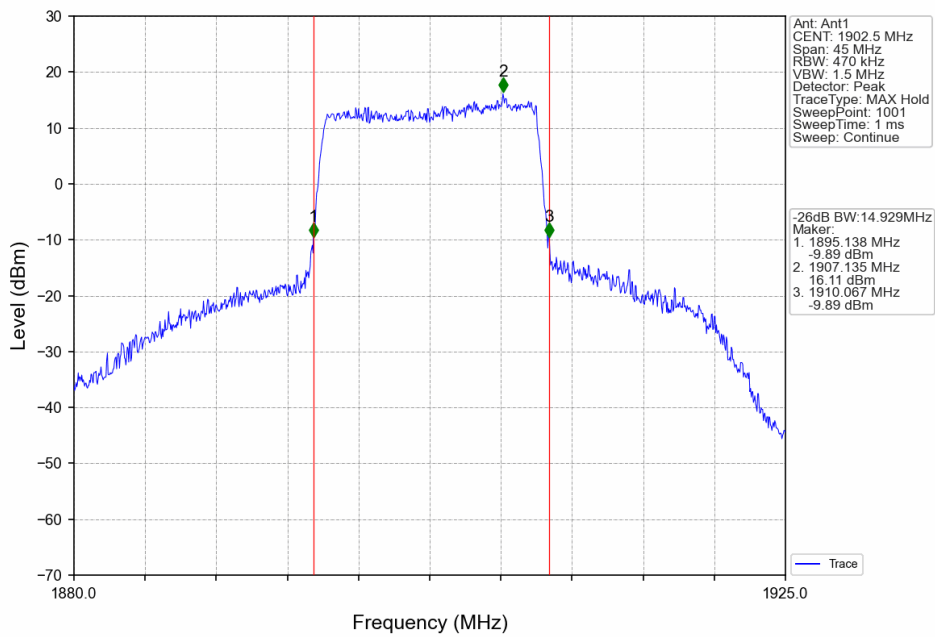
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



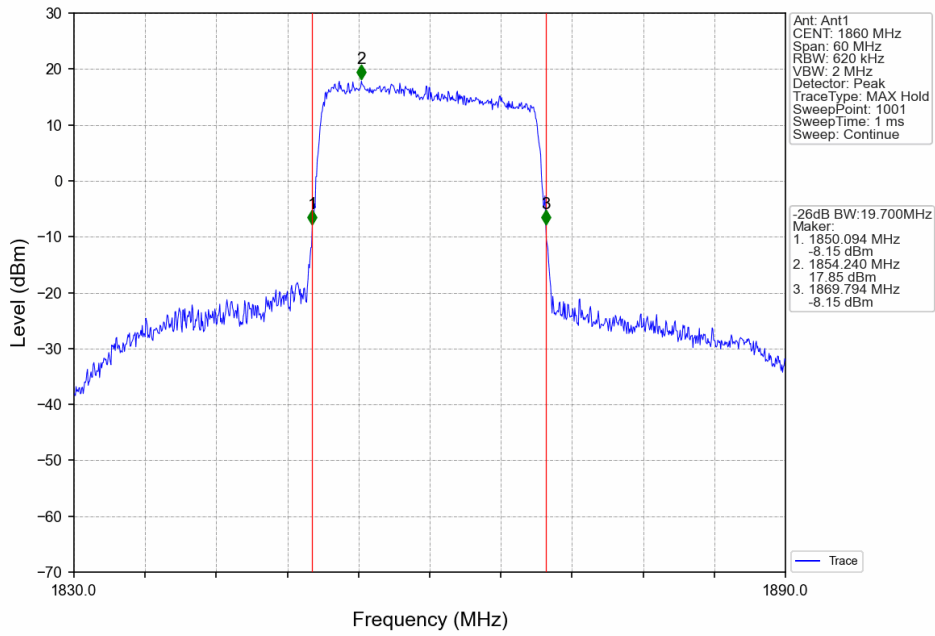
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



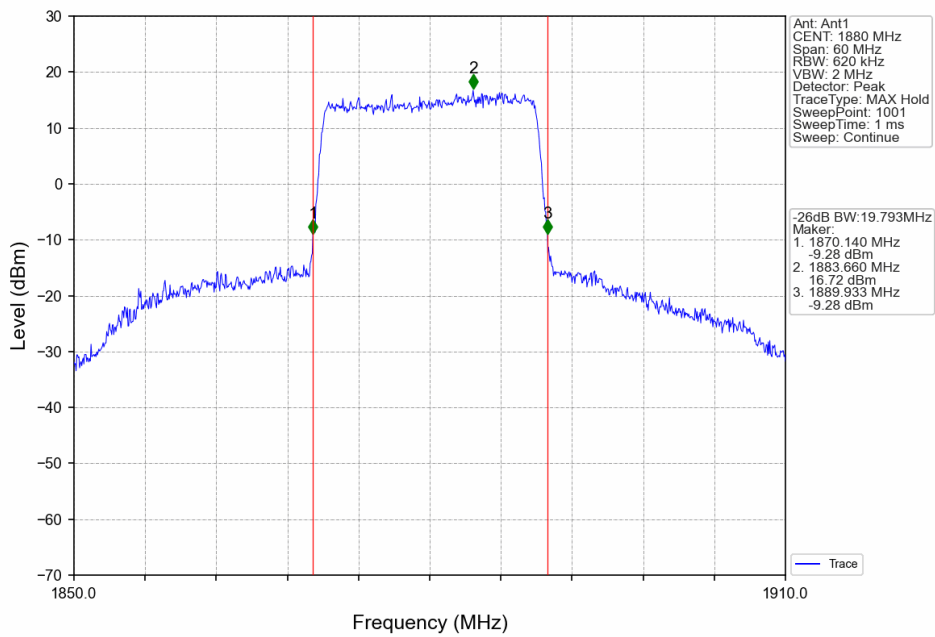
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



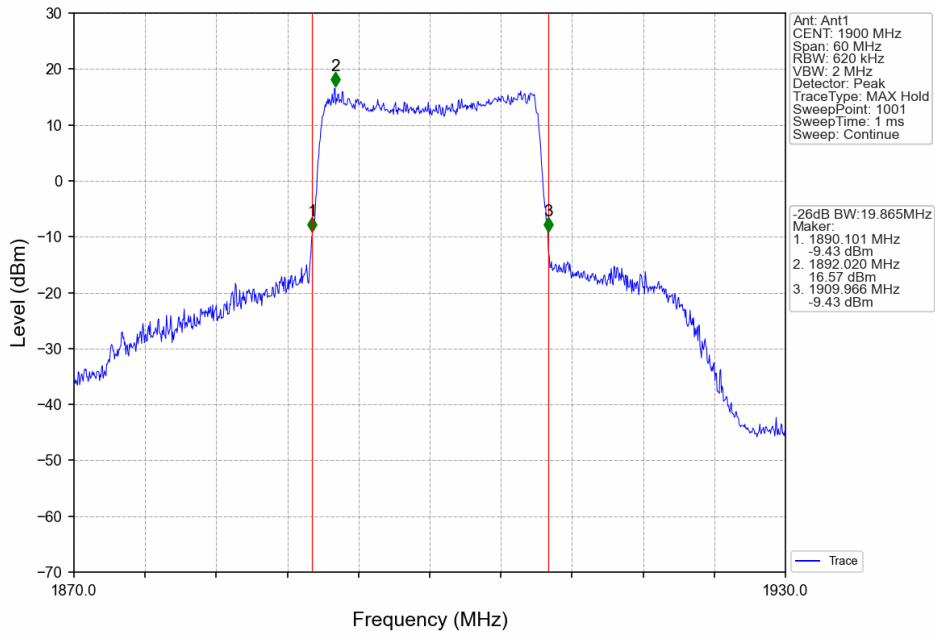
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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

