

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B25\_1.4MHz\_EIRP

### 1.1.1 Test Result

Band: 25 / 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	20.88	0.56	21.44	<=33.01	Pass		
			2	20.94	0.56	21.50	<=33.01	Pass		
			5	20.84	0.56	21.40	<=33.01	Pass		
		3	0	20.91	0.56	21.47	<=33.01	Pass		
			2	20.94	0.56	21.50	<=33.01	Pass		
			3	20.91	0.56	21.47	<=33.01	Pass		
		6	0	19.85	0.56	20.41	<=33.01	Pass		
		1882.5	1	0	20.89	0.56	21.45	<=33.01	Pass	
				2	20.99	0.56	21.55	<=33.01	Pass	
	5			20.87	0.56	21.43	<=33.01	Pass		
	3		0	20.99	0.56	21.55	<=33.01	Pass		
			2	21.02	0.56	21.58	<=33.01	Pass		
	3		3	20.99	0.56	21.55	<=33.01	Pass		
	6	0	19.98	0.56	20.54	<=33.01	Pass			
	1914.3	1	0	21.31	0.56	21.87	<=33.01	Pass		
			2	21.45	0.56	22.01	<=33.01	Pass		
			5	21.36	0.56	21.92	<=33.01	Pass		
		3	0	21.27	0.56	21.83	<=33.01	Pass		
			2	21.31	0.56	21.87	<=33.01	Pass		
			3	21.27	0.56	21.83	<=33.01	Pass		
		6	0	20.43	0.56	20.99	<=33.01	Pass		
		16QAM	1850.7	1	0	19.82	0.56	20.38	<=33.01	Pass
					2	19.93	0.56	20.49	<=33.01	Pass
	5				19.90	0.56	20.46	<=33.01	Pass	
3	0			19.99	0.56	20.55	<=33.01	Pass		
	2			20.00	0.56	20.56	<=33.01	Pass		
	3			19.97	0.56	20.53	<=33.01	Pass		
6	0			18.88	0.56	19.44	<=33.01	Pass		
1882.5	1			0	19.91	0.56	20.47	<=33.01	Pass	
				2	20.02	0.56	20.58	<=33.01	Pass	
			5	20.00	0.56	20.56	<=33.01	Pass		
	3		0	20.07	0.56	20.63	<=33.01	Pass		
			2	20.08	0.56	20.64	<=33.01	Pass		
	3		3	20.04	0.56	20.60	<=33.01	Pass		
6	0		18.96	0.56	19.52	<=33.01	Pass			
1914.3	1		0	20.29	0.56	20.85	<=33.01	Pass		
			2	20.42	0.56	20.98	<=33.01	Pass		
			5	20.33	0.56	20.89	<=33.01	Pass		
	3		0	20.11	0.56	20.67	<=33.01	Pass		
			2	20.11	0.56	20.67	<=33.01	Pass		
			3	20.18	0.56	20.74	<=33.01	Pass		
	6		0	19.37	0.56	19.93	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.2 B25\_3MHz\_EIRP

### 1.2.1 Test Result

Band: 25 / 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	21.01	0.56	21.57	<=33.01	Pass		
			7	21.12	0.56	21.68	<=33.01	Pass		
			14	20.96	0.56	21.52	<=33.01	Pass		
		8	0	19.97	0.56	20.53	<=33.01	Pass		
			4	19.94	0.56	20.50	<=33.01	Pass		
			7	19.89	0.56	20.45	<=33.01	Pass		
		15	0	19.91	0.56	20.47	<=33.01	Pass		
		1882.5	1	0	21.05	0.56	21.61	<=33.01	Pass	
				7	21.23	0.56	21.79	<=33.01	Pass	
	14			21.06	0.56	21.62	<=33.01	Pass		
	8		0	20.07	0.56	20.63	<=33.01	Pass		
			4	20.10	0.56	20.66	<=33.01	Pass		
			7	20.03	0.56	20.59	<=33.01	Pass		
	15		0	20.03	0.56	20.59	<=33.01	Pass		
	1913.5		1	0	21.37	0.56	21.93	<=33.01	Pass	
				7	21.53	0.56	22.09	<=33.01	Pass	
		14		21.52	0.56	22.08	<=33.01	Pass		
		8	0	20.36	0.56	20.92	<=33.01	Pass		
			4	20.47	0.56	21.03	<=33.01	Pass		
			7	20.46	0.56	21.02	<=33.01	Pass		
		15	0	20.37	0.56	20.93	<=33.01	Pass		
		16QAM	1851.5	1	0	20.01	0.56	20.57	<=33.01	Pass
					7	20.06	0.56	20.62	<=33.01	Pass
	14				19.94	0.56	20.50	<=33.01	Pass	
8	0			19.10	0.56	19.66	<=33.01	Pass		
	4			19.09	0.56	19.65	<=33.01	Pass		
	7			19.05	0.56	19.61	<=33.01	Pass		
15	0			19.06	0.56	19.62	<=33.01	Pass		
1882.5	1			0	20.19	0.56	20.75	<=33.01	Pass	
				7	20.35	0.56	20.91	<=33.01	Pass	
			14	20.19	0.56	20.75	<=33.01	Pass		
	8		0	19.12	0.56	19.68	<=33.01	Pass		
			4	19.15	0.56	19.71	<=33.01	Pass		
			7	19.08	0.56	19.64	<=33.01	Pass		
	15		0	19.09	0.56	19.65	<=33.01	Pass		
	1913.5		1	0	20.74	0.56	21.30	<=33.01	Pass	
				7	20.85	0.56	21.41	<=33.01	Pass	
14				20.73	0.56	21.29	<=33.01	Pass		
8			0	19.52	0.56	20.08	<=33.01	Pass		
			4	19.61	0.56	20.17	<=33.01	Pass		
			7	19.58	0.56	20.14	<=33.01	Pass		
15			0	19.45	0.56	20.01	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.3 B25\_5MHz\_EIRP

### 1.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1852.5	1	0	20.81	0.56	21.37	<=33.01	Pass		
			13	20.91	0.56	21.47	<=33.01	Pass		
			24	20.74	0.56	21.30	<=33.01	Pass		
		12	0	19.83	0.56	20.39	<=33.01	Pass		
			6	19.83	0.56	20.39	<=33.01	Pass		
			13	19.73	0.56	20.29	<=33.01	Pass		
		25	0	19.81	0.56	20.37	<=33.01	Pass		
		1882.5	1	0	20.89	0.56	21.45	<=33.01	Pass	
				13	21.04	0.56	21.60	<=33.01	Pass	
	24			20.89	0.56	21.45	<=33.01	Pass		
	12		0	19.94	0.56	20.50	<=33.01	Pass		
			6	19.98	0.56	20.54	<=33.01	Pass		
			13	19.89	0.56	20.45	<=33.01	Pass		
	25		0	19.95	0.56	20.51	<=33.01	Pass		
	1912.5		1	0	21.10	0.56	21.66	<=33.01	Pass	
				13	21.29	0.56	21.85	<=33.01	Pass	
		24		21.32	0.56	21.88	<=33.01	Pass		
		12	0	20.15	0.56	20.71	<=33.01	Pass		
			6	20.24	0.56	20.80	<=33.01	Pass		
			13	20.26	0.56	20.82	<=33.01	Pass		
		25	0	20.19	0.56	20.75	<=33.01	Pass		
		16QAM	1852.5	1	0	19.90	0.56	20.46	<=33.01	Pass
					13	19.96	0.56	20.52	<=33.01	Pass
	24				19.83	0.56	20.39	<=33.01	Pass	
12	0			18.94	0.56	19.50	<=33.01	Pass		
	6			18.92	0.56	19.48	<=33.01	Pass		
	13			18.83	0.56	19.39	<=33.01	Pass		
25	0			18.91	0.56	19.47	<=33.01	Pass		
1882.5	1			0	20.13	0.56	20.69	<=33.01	Pass	
				13	20.25	0.56	20.81	<=33.01	Pass	
			24	20.15	0.56	20.71	<=33.01	Pass		
	12		0	19.12	0.56	19.68	<=33.01	Pass		
			6	19.13	0.56	19.69	<=33.01	Pass		
			13	19.02	0.56	19.58	<=33.01	Pass		
	25		0	19.01	0.56	19.57	<=33.01	Pass		
	1912.5		1	0	19.93	0.56	20.49	<=33.01	Pass	
				13	20.06	0.56	20.62	<=33.01	Pass	
24				20.03	0.56	20.59	<=33.01	Pass		
12			0	19.23	0.56	19.79	<=33.01	Pass		
			6	19.31	0.56	19.87	<=33.01	Pass		
			13	19.31	0.56	19.87	<=33.01	Pass		
25			0	19.28	0.56	19.84	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

### 1.4 B25\_10MHz\_EIRP

#### 1.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1855	1	0	20.85	0.56	21.41	<=33.01	Pass		
			25	21.05	0.56	21.61	<=33.01	Pass		
			49	20.75	0.56	21.31	<=33.01	Pass		
		25	0	19.94	0.56	20.50	<=33.01	Pass		
			13	19.84	0.56	20.40	<=33.01	Pass		
			25	19.79	0.56	20.35	<=33.01	Pass		
		50	0	19.93	0.56	20.49	<=33.01	Pass		
		1882.5	1	0	20.90	0.56	21.46	<=33.01	Pass	
				25	21.26	0.56	21.82	<=33.01	Pass	
	49			20.88	0.56	21.44	<=33.01	Pass		
	25		0	20.07	0.56	20.63	<=33.01	Pass		
			13	20.04	0.56	20.60	<=33.01	Pass		
			25	19.98	0.56	20.54	<=33.01	Pass		
	50		0	20.07	0.56	20.63	<=33.01	Pass		
	1910		1	0	20.97	0.56	21.53	<=33.01	Pass	
				25	21.42	0.56	21.98	<=33.01	Pass	
		49		21.38	0.56	21.94	<=33.01	Pass		
		25	0	20.26	0.56	20.82	<=33.01	Pass		
			13	20.26	0.56	20.82	<=33.01	Pass		
			25	20.31	0.56	20.87	<=33.01	Pass		
		50	0	20.29	0.56	20.85	<=33.01	Pass		
		16QAM	1855	1	0	19.80	0.56	20.36	<=33.01	Pass
					25	19.99	0.56	20.55	<=33.01	Pass
	49				19.68	0.56	20.24	<=33.01	Pass	
25	0			19.10	0.56	19.66	<=33.01	Pass		
	13			19.00	0.56	19.56	<=33.01	Pass		
	25			18.94	0.56	19.50	<=33.01	Pass		
50	0			19.01	0.56	19.57	<=33.01	Pass		
1882.5	1			0	20.04	0.56	20.60	<=33.01	Pass	
				25	20.32	0.56	20.88	<=33.01	Pass	
			49	20.04	0.56	20.60	<=33.01	Pass		
	25		0	19.18	0.56	19.74	<=33.01	Pass		
			13	19.14	0.56	19.70	<=33.01	Pass		
			25	19.08	0.56	19.64	<=33.01	Pass		
	50		0	19.12	0.56	19.68	<=33.01	Pass		
	1910		1	0	20.49	0.56	21.05	<=33.01	Pass	
				25	20.79	0.56	21.35	<=33.01	Pass	
49				20.63	0.56	21.19	<=33.01	Pass		
25			0	19.40	0.56	19.96	<=33.01	Pass		
			13	19.36	0.56	19.92	<=33.01	Pass		
			25	19.42	0.56	19.98	<=33.01	Pass		
50			0	19.38	0.56	19.94	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.5 B25\_15MHz\_EIRP

### 1.5.1 Test Result

Band: 25 / 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	20.68	0.56	21.24	<=33.01	Pass	
			38	20.81	0.56	21.37	<=33.01	Pass	
			74	20.61	0.56	21.17	<=33.01	Pass	
		36	0	19.84	0.56	20.40	<=33.01	Pass	
			18	19.83	0.56	20.39	<=33.01	Pass	
			39	19.84	0.56	20.40	<=33.01	Pass	
		75	0	19.89	0.56	20.45	<=33.01	Pass	
		1882.5	1	0	20.76	0.56	21.32	<=33.01	Pass
				38	20.98	0.56	21.54	<=33.01	Pass
	74			20.76	0.56	21.32	<=33.01	Pass	
	36		0	20.03	0.56	20.59	<=33.01	Pass	
			18	20.00	0.56	20.56	<=33.01	Pass	
			39	19.92	0.56	20.48	<=33.01	Pass	
	75		0	20.04	0.56	20.60	<=33.01	Pass	
	1907.5		1	0	20.81	0.56	21.37	<=33.01	Pass
				38	21.10	0.56	21.66	<=33.01	Pass
		74		21.21	0.56	21.77	<=33.01	Pass	
		36	0	20.12	0.56	20.68	<=33.01	Pass	
			18	20.11	0.56	20.67	<=33.01	Pass	
			39	20.24	0.56	20.80	<=33.01	Pass	
	75	0	20.22	0.56	20.78	<=33.01	Pass		
	16QAM	1857.5	1	0	20.09	0.56	20.65	<=33.01	Pass
				38	20.14	0.56	20.70	<=33.01	Pass
				74	19.78	0.56	20.34	<=33.01	Pass
36			0	18.90	0.56	19.46	<=33.01	Pass	
			18	18.84	0.56	19.40	<=33.01	Pass	
			39	18.89	0.56	19.45	<=33.01	Pass	
75			0	18.85	0.56	19.41	<=33.01	Pass	
1882.5			1	0	19.85	0.56	20.41	<=33.01	Pass
				38	20.14	0.56	20.70	<=33.01	Pass
		74		19.90	0.56	20.46	<=33.01	Pass	
		36	0	19.11	0.56	19.67	<=33.01	Pass	
			18	19.09	0.56	19.65	<=33.01	Pass	
			39	19.01	0.56	19.57	<=33.01	Pass	
		75	0	19.06	0.56	19.62	<=33.01	Pass	
		1907.5	1	0	20.09	0.56	20.65	<=33.01	Pass
				38	20.66	0.56	21.22	<=33.01	Pass
74				20.50	0.56	21.06	<=33.01	Pass	
36			0	19.17	0.56	19.73	<=33.01	Pass	
			18	19.21	0.56	19.77	<=33.01	Pass	
			39	19.37	0.56	19.93	<=33.01	Pass	
75		0	19.23	0.56	19.79	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.6 B25\_20MHz\_EIRP

### 1.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit			
QPSK	1860	1	0	20.50	0.56	21.06	<=33.01	Pass		
			50	20.91	0.56	21.47	<=33.01	Pass		
			99	20.45	0.56	21.01	<=33.01	Pass		
		50	0	19.84	0.56	20.40	<=33.01	Pass		
			25	19.72	0.56	20.28	<=33.01	Pass		
			50	19.84	0.56	20.40	<=33.01	Pass		
		100	0	19.84	0.56	20.40	<=33.01	Pass		
		1882.5	1	0	20.55	0.56	21.11	<=33.01	Pass	
				50	21.14	0.56	21.70	<=33.01	Pass	
	99			20.61	0.56	21.17	<=33.01	Pass		
	50		0	20.06	0.56	20.62	<=33.01	Pass		
			25	19.97	0.56	20.53	<=33.01	Pass		
			50	19.91	0.56	20.47	<=33.01	Pass		
	100		0	20.02	0.56	20.58	<=33.01	Pass		
	1905		1	0	20.57	0.56	21.13	<=33.01	Pass	
				50	21.16	0.56	21.72	<=33.01	Pass	
		99		21.06	0.56	21.62	<=33.01	Pass		
		50	0	19.91	0.56	20.47	<=33.01	Pass		
			25	20.00	0.56	20.56	<=33.01	Pass		
			50	20.11	0.56	20.67	<=33.01	Pass		
		100	0	20.03	0.56	20.59	<=33.01	Pass		
		16QAM	1860	1	0	20.02	0.56	20.58	<=33.01	Pass
					50	20.32	0.56	20.88	<=33.01	Pass
	99				19.83	0.56	20.39	<=33.01	Pass	
50	0			18.97	0.56	19.53	<=33.01	Pass		
	25			18.80	0.56	19.36	<=33.01	Pass		
	50			18.88	0.56	19.44	<=33.01	Pass		
100	0			18.89	0.56	19.45	<=33.01	Pass		
1882.5	1			0	19.68	0.56	20.24	<=33.01	Pass	
				50	20.29	0.56	20.85	<=33.01	Pass	
			99	19.73	0.56	20.29	<=33.01	Pass		
	50		0	19.11	0.56	19.67	<=33.01	Pass		
			25	19.03	0.56	19.59	<=33.01	Pass		
			50	18.97	0.56	19.53	<=33.01	Pass		
	100		0	19.10	0.56	19.66	<=33.01	Pass		
	1905		1	0	19.65	0.56	20.21	<=33.01	Pass	
				50	20.44	0.56	21.00	<=33.01	Pass	
99				20.15	0.56	20.71	<=33.01	Pass		
50			0	18.95	0.56	19.51	<=33.01	Pass		
			25	19.08	0.56	19.64	<=33.01	Pass		
			50	19.16	0.56	19.72	<=33.01	Pass		
100			0	19.11	0.56	19.67	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

## 2. Frequency Stability

### 2.1 B25\_1.4MHz

#### 2.1.1 Test Result

Band: 25 / 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	-6.495	-0.0035	-2.5 to 2.5	Pass
					3.85	1.101	0.0006	-2.5 to 2.5	Pass
					4.43	-3.247	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				-20	3.85	2.847	0.0015	-2.5 to 2.5	Pass
				-10	3.85	1.903	0.0010	-2.5 to 2.5	Pass
				0	3.85	7.210	0.0039	-2.5 to 2.5	Pass
				10	3.85	7.668	0.0041	-2.5 to 2.5	Pass
				30	3.85	10.915	0.0059	-2.5 to 2.5	Pass
				40	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
	50	3.85	7.010	0.0038	-2.5 to 2.5	Pass			
	1882.5	6	0	20	3.27	7.911	0.0042	-2.5 to 2.5	Pass
					3.85	3.991	0.0021	-2.5 to 2.5	Pass
					4.43	1.588	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	0.629	0.0003	-2.5 to 2.5	Pass
				-10	3.85	3.448	0.0018	-2.5 to 2.5	Pass
				0	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				10	3.85	3.004	0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.216	-0.0006	-2.5 to 2.5	Pass
				40	3.85	3.219	0.0017	-2.5 to 2.5	Pass
	50	3.85	-1.016	-0.0005	-2.5 to 2.5	Pass			
	1914.3	6	0	20	3.27	6.838	0.0036	-2.5 to 2.5	Pass
					3.85	6.924	0.0036	-2.5 to 2.5	Pass
					4.43	3.290	0.0017	-2.5 to 2.5	Pass
				-30	3.85	7.710	0.0040	-2.5 to 2.5	Pass
				-20	3.85	4.478	0.0023	-2.5 to 2.5	Pass
				-10	3.85	6.094	0.0032	-2.5 to 2.5	Pass
				0	3.85	8.769	0.0046	-2.5 to 2.5	Pass
				10	3.85	7.682	0.0040	-2.5 to 2.5	Pass
30				3.85	7.710	0.0040	-2.5 to 2.5	Pass	
40				3.85	8.154	0.0043	-2.5 to 2.5	Pass	
50	3.85	7.582	0.0040	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	1.330	0.0007	-2.5 to 2.5	Pass
					3.85	5.393	0.0029	-2.5 to 2.5	Pass
					4.43	1.402	0.0008	-2.5 to 2.5	Pass
				-30	3.85	2.418	0.0013	-2.5 to 2.5	Pass
				-20	3.85	6.208	0.0034	-2.5 to 2.5	Pass
				-10	3.85	4.420	0.0024	-2.5 to 2.5	Pass
				0	3.85	1.774	0.0010	-2.5 to 2.5	Pass
				10	3.85	2.675	0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
				40	3.85	7.882	0.0043	-2.5 to 2.5	Pass
	50	3.85	4.020	0.0022	-2.5 to 2.5	Pass			
	1882.5	6	0	20	3.27	3.233	0.0017	-2.5 to 2.5	Pass
					3.85	4.706	0.0025	-2.5 to 2.5	Pass
					4.43	-5.021	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	5.479	0.0029	-2.5 to 2.5	Pass
				-20	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				-10	3.85	2.689	0.0014	-2.5 to 2.5	Pass
				0	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				10	3.85	5.207	0.0028	-2.5 to 2.5	Pass
				30	3.85	-3.233	-0.0017	-2.5 to 2.5	Pass

	1914.3	6	0	40	3.85	3.719	0.0020	-2.5 to 2.5	Pass
				50	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				20	3.27	0.272	0.0001	-2.5 to 2.5	Pass
					3.85	9.227	0.0048	-2.5 to 2.5	Pass
					4.43	3.147	0.0016	-2.5 to 2.5	Pass
				-30	3.85	3.276	0.0017	-2.5 to 2.5	Pass
				-20	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				-10	3.85	5.021	0.0026	-2.5 to 2.5	Pass
				0	3.85	5.522	0.0029	-2.5 to 2.5	Pass
				10	3.85	6.480	0.0034	-2.5 to 2.5	Pass
				30	3.85	2.661	0.0014	-2.5 to 2.5	Pass
				40	3.85	2.532	0.0013	-2.5 to 2.5	Pass
				50	3.85	2.847	0.0015	-2.5 to 2.5	Pass

## 2.2 B25\_3MHz

### 2.2.1 Test Result

Band: 25 / 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	6.852	0.0037	-2.5 to 2.5	Pass
					3.85	4.478	0.0024	-2.5 to 2.5	Pass
					4.43	6.967	0.0038	-2.5 to 2.5	Pass
				-30	3.85	6.795	0.0037	-2.5 to 2.5	Pass
				-20	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				-10	3.85	8.626	0.0047	-2.5 to 2.5	Pass
				0	3.85	8.125	0.0044	-2.5 to 2.5	Pass
				10	3.85	10.457	0.0056	-2.5 to 2.5	Pass
				30	3.85	2.947	0.0016	-2.5 to 2.5	Pass
				40	3.85	6.752	0.0036	-2.5 to 2.5	Pass
				50	3.85	7.553	0.0041	-2.5 to 2.5	Pass
				1882.5	15	0	20	3.27	9.227
	3.85	1.459	0.0008					-2.5 to 2.5	Pass
	4.43	5.965	0.0032					-2.5 to 2.5	Pass
	-30	3.85	4.907				0.0026	-2.5 to 2.5	Pass
	-20	3.85	-1.817				-0.0010	-2.5 to 2.5	Pass
	-10	3.85	4.792				0.0025	-2.5 to 2.5	Pass
	0	3.85	3.476				0.0018	-2.5 to 2.5	Pass
	10	3.85	7.610				0.0040	-2.5 to 2.5	Pass
	30	3.85	0.830				0.0004	-2.5 to 2.5	Pass
	40	3.85	-1.974				-0.0010	-2.5 to 2.5	Pass
	50	3.85	2.618				0.0014	-2.5 to 2.5	Pass
	1913.5	15	0				20	3.27	5.450
				3.85	3.805	0.0020		-2.5 to 2.5	Pass
				4.43	6.909	0.0036		-2.5 to 2.5	Pass
				-30	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	8.826	0.0046	-2.5 to 2.5	Pass
				-10	3.85	1.760	0.0009	-2.5 to 2.5	Pass
				0	3.85	1.731	0.0009	-2.5 to 2.5	Pass
				10	3.85	6.924	0.0036	-2.5 to 2.5	Pass
30				3.85	4.120	0.0022	-2.5 to 2.5	Pass	



				40	3.85	7.167	0.0037	-2.5 to 2.5	Pass
				50	3.85	3.233	0.0017	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	6.752	0.0036	-2.5 to 2.5	Pass
					3.85	6.781	0.0037	-2.5 to 2.5	Pass
				4.43	11.001	0.0059	-2.5 to 2.5	Pass	
				-30	3.85	7.124	0.0038	-2.5 to 2.5	Pass
				-20	3.85	8.397	0.0045	-2.5 to 2.5	Pass
				-10	3.85	4.864	0.0026	-2.5 to 2.5	Pass
				0	3.85	7.081	0.0038	-2.5 to 2.5	Pass
				10	3.85	2.933	0.0016	-2.5 to 2.5	Pass
				30	3.85	13.475	0.0073	-2.5 to 2.5	Pass
				40	3.85	4.706	0.0025	-2.5 to 2.5	Pass
	50	3.85	6.022	0.0033	-2.5 to 2.5	Pass			
	1882.5	15	0	20	3.27	3.891	0.0021	-2.5 to 2.5	Pass
					3.85	4.292	0.0023	-2.5 to 2.5	Pass
				4.43	11.373	0.0060	-2.5 to 2.5	Pass	
				-30	3.85	5.422	0.0029	-2.5 to 2.5	Pass
				-20	3.85	-2.131	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	1.602	0.0009	-2.5 to 2.5	Pass
				0	3.85	4.678	0.0025	-2.5 to 2.5	Pass
				10	3.85	3.605	0.0019	-2.5 to 2.5	Pass
				30	3.85	1.888	0.0010	-2.5 to 2.5	Pass
				40	3.85	4.177	0.0022	-2.5 to 2.5	Pass
	50	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass			
	1913.5	15	0	20	3.27	4.563	0.0024	-2.5 to 2.5	Pass
					3.85	2.060	0.0011	-2.5 to 2.5	Pass
				4.43	7.939	0.0041	-2.5 to 2.5	Pass	
				-30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	2.890	0.0015	-2.5 to 2.5	Pass
				-10	3.85	7.911	0.0041	-2.5 to 2.5	Pass
				0	3.85	2.131	0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.044	-0.0005	-2.5 to 2.5	Pass
30				3.85	7.167	0.0037	-2.5 to 2.5	Pass	
40				3.85	-0.143	-0.0001	-2.5 to 2.5	Pass	
50	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass				

## 2.3 B25\_5MHz

### 2.3.1 Test Result

Band: 25 / 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	2.203	0.0012	-2.5 to 2.5	Pass
					3.85	6.895	0.0037	-2.5 to 2.5	Pass
					4.43	8.283	0.0045	-2.5 to 2.5	Pass
				-30	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.531	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.717	0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				10	3.85	1.302	0.0007	-2.5 to 2.5	Pass
30	3.85	0.730	0.0004	-2.5 to 2.5	Pass				

	1882.5	25	0	40	3.85	-3.419	-0.0018	-2.5 to 2.5	Pass
				50	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				20	3.27	0.515	0.0003	-2.5 to 2.5	Pass
					3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.604	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-3.347	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	2.718	0.0014	-2.5 to 2.5	Pass
				0	3.85	1.574	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				30	3.85	-3.476	-0.0018	-2.5 to 2.5	Pass
	40	3.85	-4.363	-0.0023	-2.5 to 2.5	Pass			
	50	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass			
	1912.5	25	0	20	3.27	2.689	0.0014	-2.5 to 2.5	Pass
					3.85	8.111	0.0042	-2.5 to 2.5	Pass
					4.43	0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	1.688	0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.345	0.0007	-2.5 to 2.5	Pass
				-10	3.85	3.204	0.0017	-2.5 to 2.5	Pass
				0	3.85	2.418	0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				30	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				40	3.85	3.905	0.0020	-2.5 to 2.5	Pass
				50	3.85	6.223	0.0033	-2.5 to 2.5	Pass
	16QAM	1852.5	25	0	20	3.27	0.343	0.0002	-2.5 to 2.5
3.85						-3.004	-0.0016	-2.5 to 2.5	Pass
					4.43	-3.791	-0.0020	-2.5 to 2.5	Pass
-30					3.85	-2.718	-0.0015	-2.5 to 2.5	Pass
-20					3.85	-3.061	-0.0017	-2.5 to 2.5	Pass
-10					3.85	-6.323	-0.0034	-2.5 to 2.5	Pass
0					3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
10					3.85	2.632	0.0014	-2.5 to 2.5	Pass
30					3.85	3.061	0.0017	-2.5 to 2.5	Pass
40					3.85	4.406	0.0024	-2.5 to 2.5	Pass
50					3.85	0.844	0.0005	-2.5 to 2.5	Pass
1882.5		25	0	20	3.27	-0.815	-0.0004	-2.5 to 2.5	Pass
					3.85	-2.432	-0.0013	-2.5 to 2.5	Pass
					4.43	-2.246	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	1.001	0.0005	-2.5 to 2.5	Pass
				-20	3.85	2.890	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-4.864	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
				10	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				30	3.85	1.574	0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				50	3.85	0.114	0.0001	-2.5 to 2.5	Pass
1912.5		25	0	20	3.27	3.448	0.0018	-2.5 to 2.5	Pass
					3.85	2.317	0.0012	-2.5 to 2.5	Pass
					4.43	-0.973	-0.0005	-2.5 to 2.5	Pass
	-30			3.85	3.519	0.0018	-2.5 to 2.5	Pass	
	-20			3.85	0.443	0.0002	-2.5 to 2.5	Pass	
	-10			3.85	1.488	0.0008	-2.5 to 2.5	Pass	
	0			3.85	-1.717	-0.0009	-2.5 to 2.5	Pass	
	10			3.85	-2.160	-0.0011	-2.5 to 2.5	Pass	
30	3.85	0.057	0.0000	-2.5 to 2.5	Pass				

				40	3.85	1.159	0.0006	-2.5 to 2.5	Pass
				50	3.85	-2.332	-0.0012	-2.5 to 2.5	Pass

## 2.4 B25\_10MHz

### 2.4.1 Test Result

Band: 25 / 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	1.588	0.0009	-2.5 to 2.5	Pass
					3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
					4.43	-1.945	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-3.090	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-2.375	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-1.888	-0.0010	-2.5 to 2.5	Pass
	40	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass			
	50	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass			
	1882.5	50	0	20	3.27	1.216	0.0006	-2.5 to 2.5	Pass
					3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.787	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.402	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.745	-0.0009	-2.5 to 2.5	Pass
				10	3.85	0.443	0.0002	-2.5 to 2.5	Pass
				30	3.85	-2.460	-0.0013	-2.5 to 2.5	Pass
	40	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass			
	50	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass			
	1910	50	0	20	3.27	1.988	0.0010	-2.5 to 2.5	Pass
					3.85	2.675	0.0014	-2.5 to 2.5	Pass
					4.43	4.635	0.0024	-2.5 to 2.5	Pass
				-30	3.85	2.203	0.0012	-2.5 to 2.5	Pass
				-20	3.85	3.834	0.0020	-2.5 to 2.5	Pass
-10				3.85	5.622	0.0029	-2.5 to 2.5	Pass	
0				3.85	1.359	0.0007	-2.5 to 2.5	Pass	
10				3.85	2.503	0.0013	-2.5 to 2.5	Pass	
30				3.85	3.691	0.0019	-2.5 to 2.5	Pass	
40	3.85	5.608	0.0029	-2.5 to 2.5	Pass				
50	3.85	3.190	0.0017	-2.5 to 2.5	Pass				
16QAM	1855	50	0	20	3.27	0.272	0.0001	-2.5 to 2.5	Pass
					3.85	-1.745	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.744	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-3.419	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.001	-0.0005	-2.5 to 2.5	Pass
10	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass				
30	3.85	1.373	0.0007	-2.5 to 2.5	Pass				

	1882.5	50	0	40	3.85	-2.789	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				20	3.27	-2.074	-0.0011	-2.5 to 2.5	Pass
					3.85	-4.506	-0.0024	-2.5 to 2.5	Pass
					4.43	-2.689	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.947	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
	30	3.85	-1.531	-0.0008	-2.5 to 2.5	Pass			
	40	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass			
	50	3.85	1.931	0.0010	-2.5 to 2.5	Pass			
	1910	50	0	20	3.27	2.646	0.0014	-2.5 to 2.5	Pass
					3.85	2.704	0.0014	-2.5 to 2.5	Pass
					4.43	1.945	0.0010	-2.5 to 2.5	Pass
				-30	3.85	4.506	0.0024	-2.5 to 2.5	Pass
				-20	3.85	1.559	0.0008	-2.5 to 2.5	Pass
				-10	3.85	3.548	0.0019	-2.5 to 2.5	Pass
				0	3.85	2.861	0.0015	-2.5 to 2.5	Pass
10				3.85	3.963	0.0021	-2.5 to 2.5	Pass	
30				3.85	3.991	0.0021	-2.5 to 2.5	Pass	
40				3.85	0.515	0.0003	-2.5 to 2.5	Pass	
50	3.85	3.619	0.0019	-2.5 to 2.5	Pass				

## 2.5 B25\_15MHz

### 2.5.1 Test Result

Band: 25 / 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	0.472	0.0003	-2.5 to 2.5	Pass
					3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
					4.43	-0.486	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-3.719	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
	40	3.85	-3.920	-0.0021	-2.5 to 2.5	Pass			
	50	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass			
	1882.5	75	0	20	3.27	4.535	0.0024	-2.5 to 2.5	Pass
					3.85	5.736	0.0030	-2.5 to 2.5	Pass
					4.43	5.593	0.0030	-2.5 to 2.5	Pass
				-30	3.85	5.608	0.0030	-2.5 to 2.5	Pass
				-20	3.85	2.589	0.0014	-2.5 to 2.5	Pass
				-10	3.85	4.635	0.0025	-2.5 to 2.5	Pass
				0	3.85	3.376	0.0018	-2.5 to 2.5	Pass
10				3.85	2.317	0.0012	-2.5 to 2.5	Pass	
30				3.85	4.549	0.0024	-2.5 to 2.5	Pass	

	1907.5	75	0	40	3.85	2.918	0.0016	-2.5 to 2.5	Pass
				50	3.85	4.334	0.0023	-2.5 to 2.5	Pass
				20	3.27	3.648	0.0019	-2.5 to 2.5	Pass
					3.85	3.347	0.0018	-2.5 to 2.5	Pass
					4.43	3.676	0.0019	-2.5 to 2.5	Pass
				-30	3.85	1.659	0.0009	-2.5 to 2.5	Pass
				-20	3.85	4.935	0.0026	-2.5 to 2.5	Pass
				-10	3.85	4.134	0.0022	-2.5 to 2.5	Pass
				0	3.85	2.732	0.0014	-2.5 to 2.5	Pass
				10	3.85	2.847	0.0015	-2.5 to 2.5	Pass
				30	3.85	3.748	0.0020	-2.5 to 2.5	Pass
				40	3.85	2.732	0.0014	-2.5 to 2.5	Pass
				50	3.85	1.316	0.0007	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-2.460	-0.0013	-2.5 to 2.5	Pass
					3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
					4.43	-0.429	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.644	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-2.546	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				1882.5	75	0	20	3.27	1.988
	3.85	5.407	0.0029					-2.5 to 2.5	Pass
	4.43	3.405	0.0018					-2.5 to 2.5	Pass
	-30	3.85	4.392				0.0023	-2.5 to 2.5	Pass
	-20	3.85	2.217				0.0012	-2.5 to 2.5	Pass
	-10	3.85	3.633				0.0019	-2.5 to 2.5	Pass
	0	3.85	4.206				0.0022	-2.5 to 2.5	Pass
	10	3.85	4.992				0.0027	-2.5 to 2.5	Pass
	30	3.85	3.991				0.0021	-2.5 to 2.5	Pass
	40	3.85	4.449				0.0024	-2.5 to 2.5	Pass
	50	3.85	3.219				0.0017	-2.5 to 2.5	Pass
	1907.5	75	0				20	3.27	2.375
				3.85	2.346	0.0012		-2.5 to 2.5	Pass
				4.43	1.860	0.0010		-2.5 to 2.5	Pass
				-30	3.85	3.304	0.0017	-2.5 to 2.5	Pass
				-20	3.85	4.063	0.0021	-2.5 to 2.5	Pass
-10				3.85	3.104	0.0016	-2.5 to 2.5	Pass	
0				3.85	2.618	0.0014	-2.5 to 2.5	Pass	
10				3.85	2.189	0.0011	-2.5 to 2.5	Pass	
30				3.85	0.772	0.0004	-2.5 to 2.5	Pass	
40				3.85	2.103	0.0011	-2.5 to 2.5	Pass	
50				3.85	2.933	0.0015	-2.5 to 2.5	Pass	

## 2.6 B25\_20MHz

### 2.6.1 Test Result

Band: 25 / Bandwidth: 20MHz
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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	1860	100	0	20	3.27	1.702	0.0009	-2.5 to 2.5	Pass
					3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
					4.43	-1.144	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.516	0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				0	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
	40	3.85	2.289	0.0012	-2.5 to 2.5	Pass			
	50	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass			
	1882.5	100	0	20	3.27	1.988	0.0011	-2.5 to 2.5	Pass
					3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
					4.43	-2.060	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				10	3.85	-2.146	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
	40	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass			
	50	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass			
	1905	100	0	20	3.27	0.615	0.0003	-2.5 to 2.5	Pass
					3.85	3.090	0.0016	-2.5 to 2.5	Pass
					4.43	1.445	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.572	0.0003	-2.5 to 2.5	Pass
-10				3.85	1.545	0.0008	-2.5 to 2.5	Pass	
0				3.85	2.747	0.0014	-2.5 to 2.5	Pass	
10				3.85	1.316	0.0007	-2.5 to 2.5	Pass	
30				3.85	0.644	0.0003	-2.5 to 2.5	Pass	
40	3.85	2.804	0.0015	-2.5 to 2.5	Pass				
50	3.85	1.860	0.0010	-2.5 to 2.5	Pass				
16QAM	1860	100	0	20	3.27	1.330	0.0007	-2.5 to 2.5	Pass
					3.85	0.200	0.0001	-2.5 to 2.5	Pass
					4.43	0.629	0.0003	-2.5 to 2.5	Pass
				-30	3.85	1.001	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	1.931	0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				10	3.85	0.987	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.758	0.0004	-2.5 to 2.5	Pass
	40	3.85	1.287	0.0007	-2.5 to 2.5	Pass			
	50	3.85	2.203	0.0012	-2.5 to 2.5	Pass			
	1882.5	100	0	20	3.27	-0.658	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
					4.43	-2.646	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
10				3.85	-0.544	-0.0003	-2.5 to 2.5	Pass	
30				3.85	-0.744	-0.0004	-2.5 to 2.5	Pass	

	1905	100	0	40	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass
				20	3.27	-0.172	-0.0001	-2.5 to 2.5	Pass
					3.85	2.589	0.0014	-2.5 to 2.5	Pass
					4.43	1.059	0.0006	-2.5 to 2.5	Pass
				-30	3.85	3.862	0.0020	-2.5 to 2.5	Pass
				-20	3.85	1.602	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.845	0.0010	-2.5 to 2.5	Pass
				0	3.85	2.818	0.0015	-2.5 to 2.5	Pass
				10	3.85	1.016	0.0005	-2.5 to 2.5	Pass
				30	3.85	2.789	0.0015	-2.5 to 2.5	Pass
				40	3.85	3.190	0.0017	-2.5 to 2.5	Pass
				50	3.85	2.918	0.0015	-2.5 to 2.5	Pass

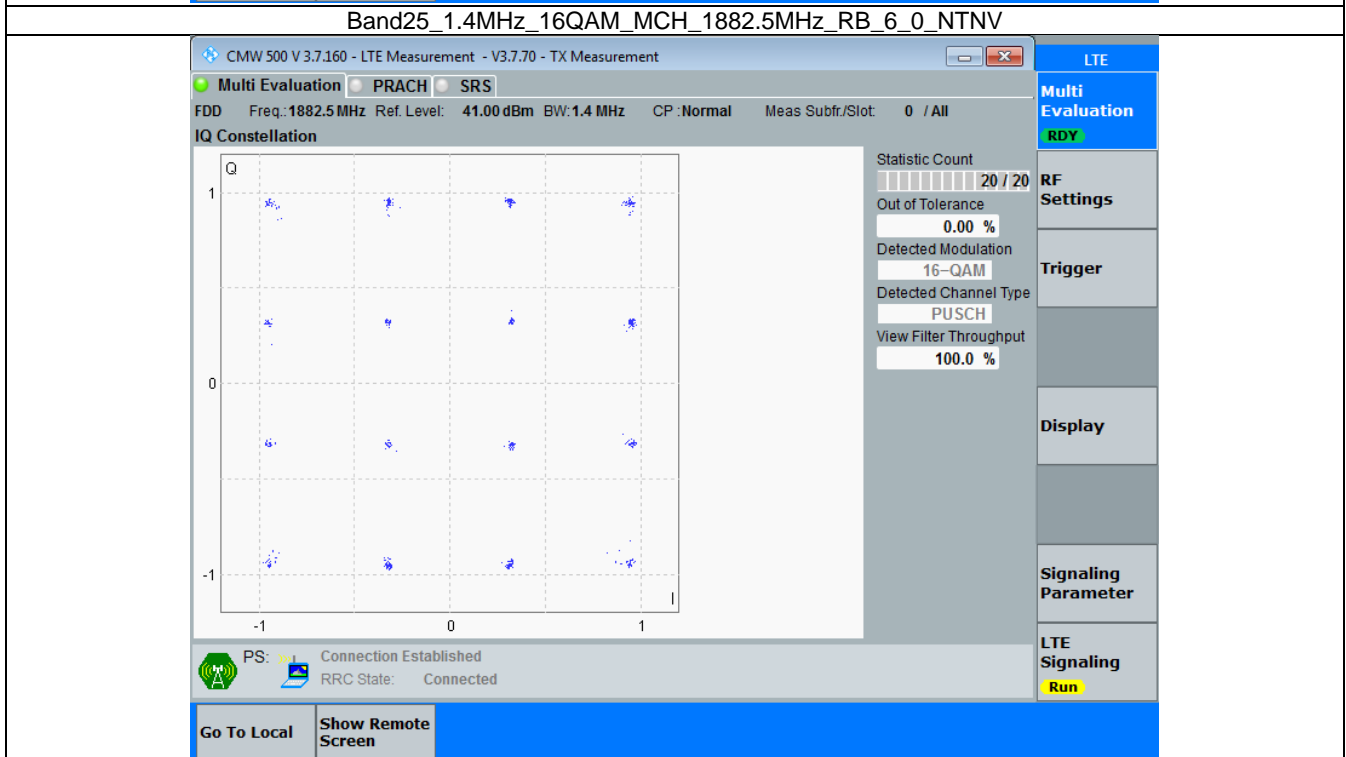
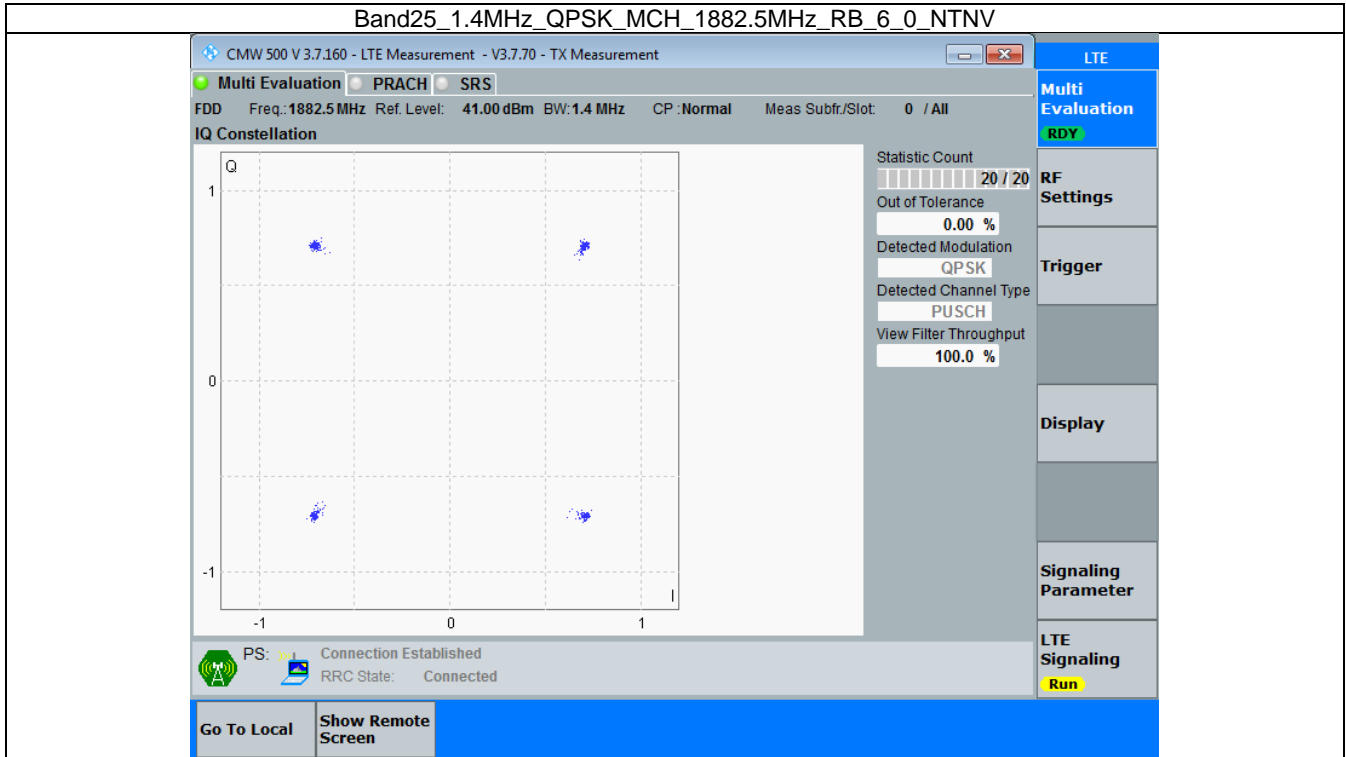
### 3. Modulation Characteristics

#### 3.1 B25\_1.4MHz

##### 3.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	6	0	Refer To Test Graph		Pass
16QAM	1882.5	6	0	Refer To Test Graph		Pass

### 3.1.2 Test Graph



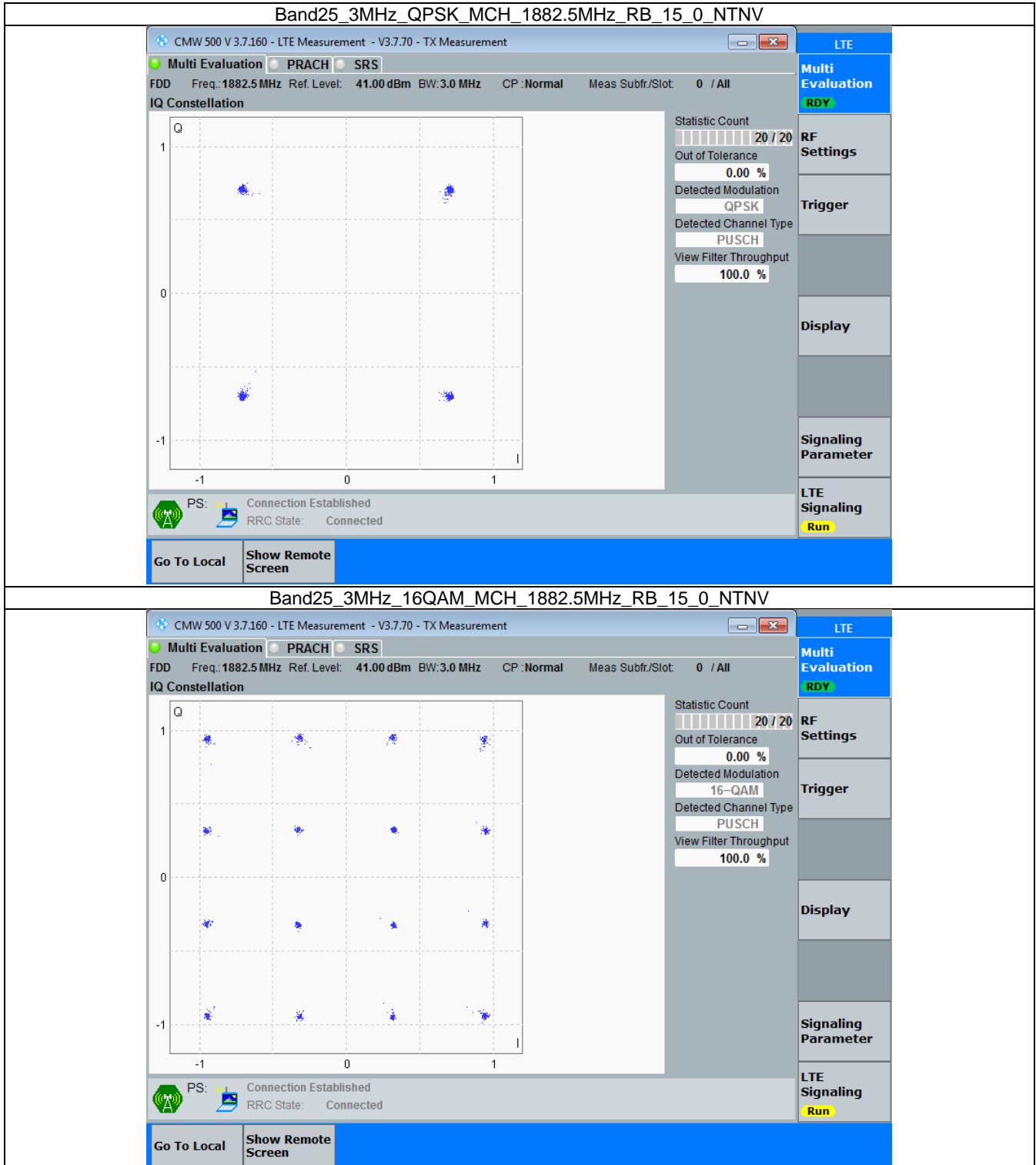


### 3.2 B25\_3MHz

#### 3.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	15	0	Refer To Test Graph		Pass
16QAM	1882.5	15	0	Refer To Test Graph		Pass

### 3.2.2 Test Graph

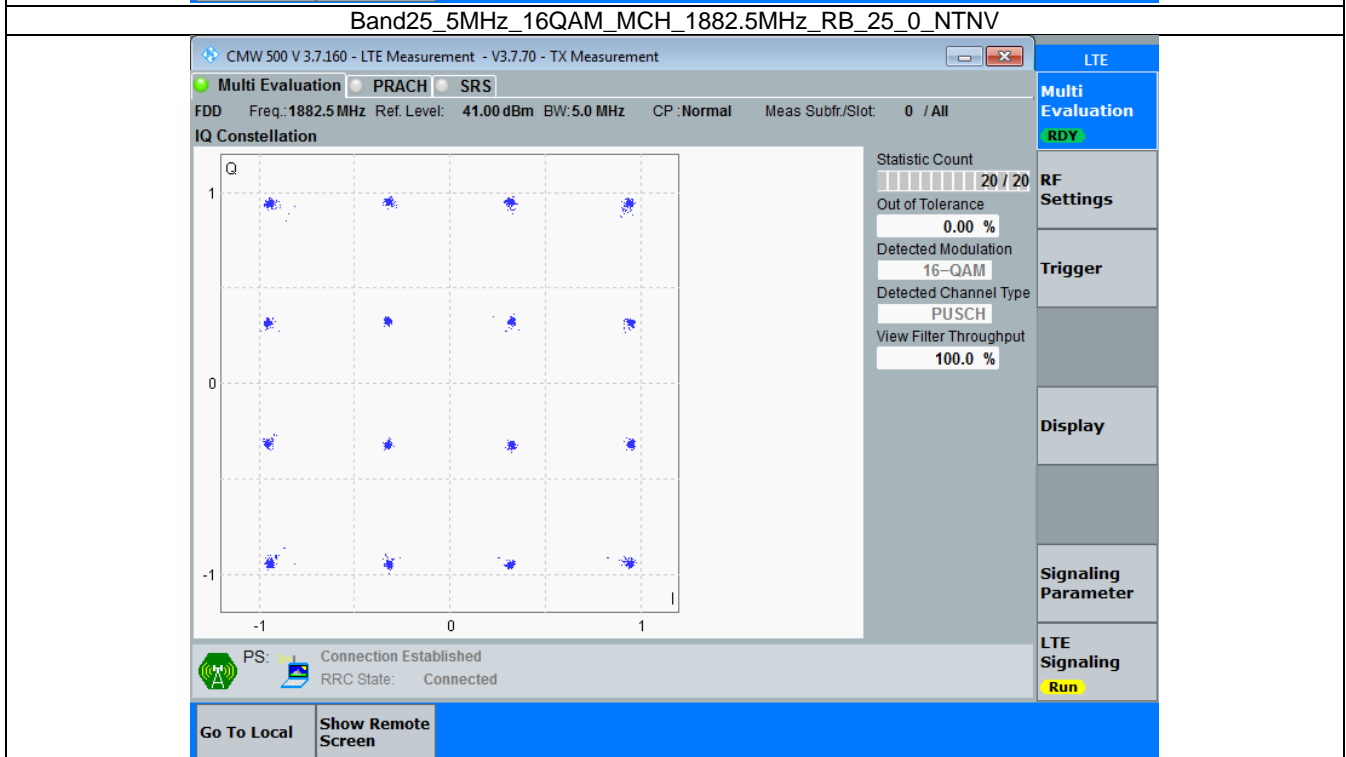
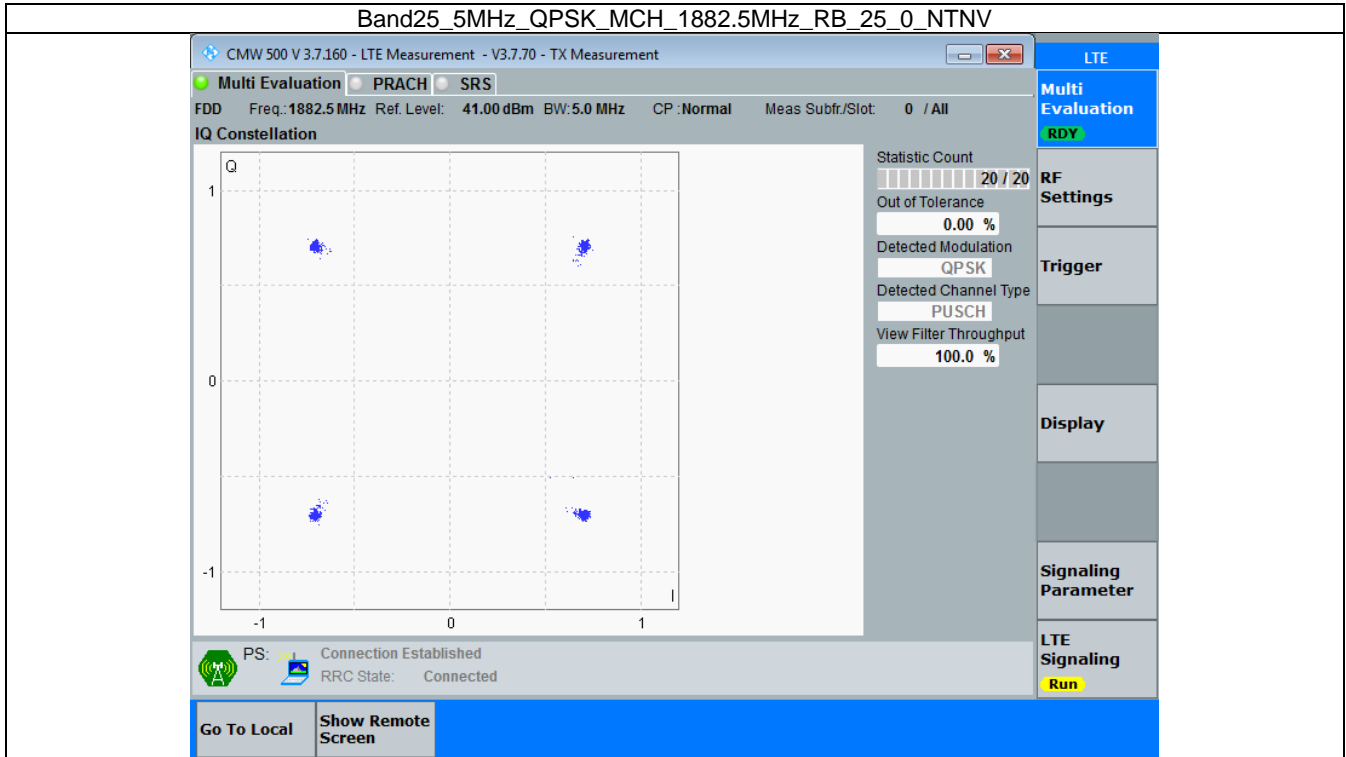


### 3.3 B25\_5MHz

#### 3.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	25	0	Refer To Test Graph		Pass
16QAM	1882.5	25	0	Refer To Test Graph		Pass

### 3.3.2 Test Graph

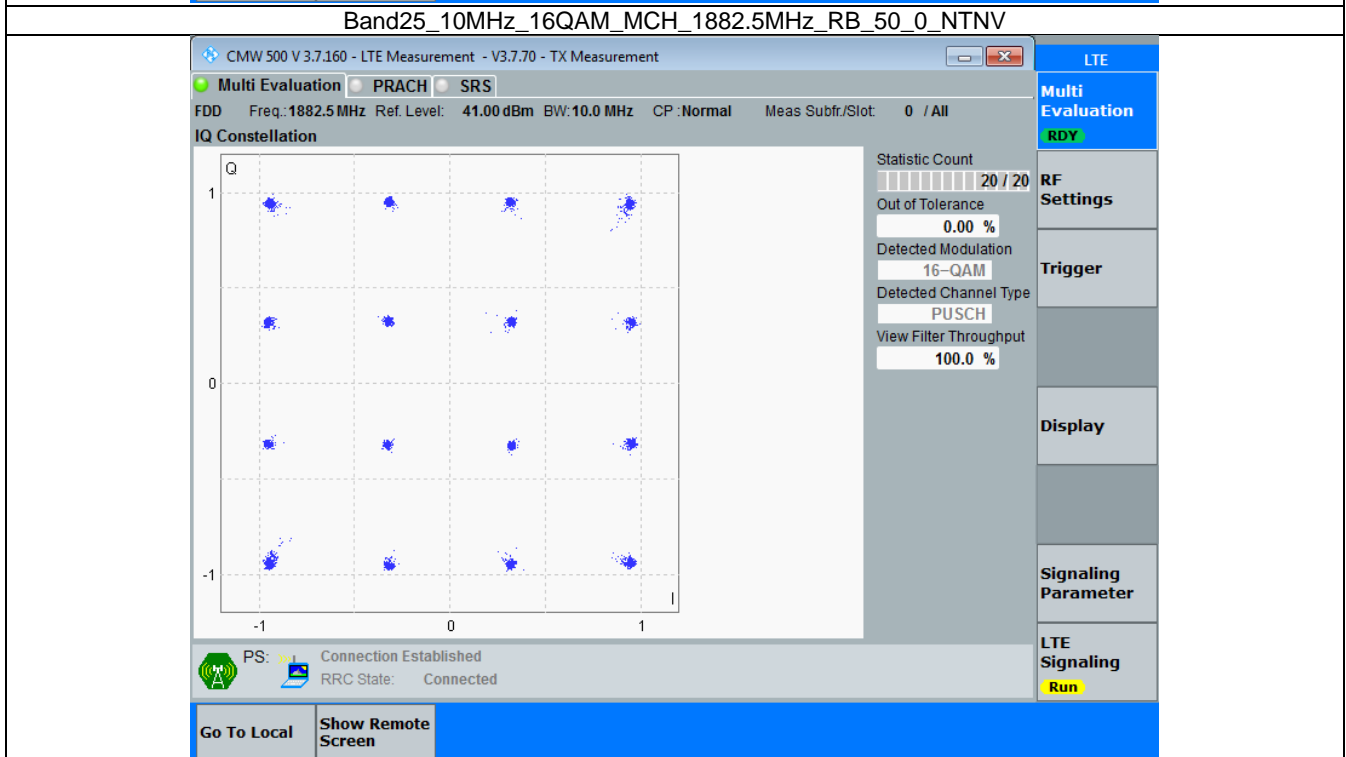
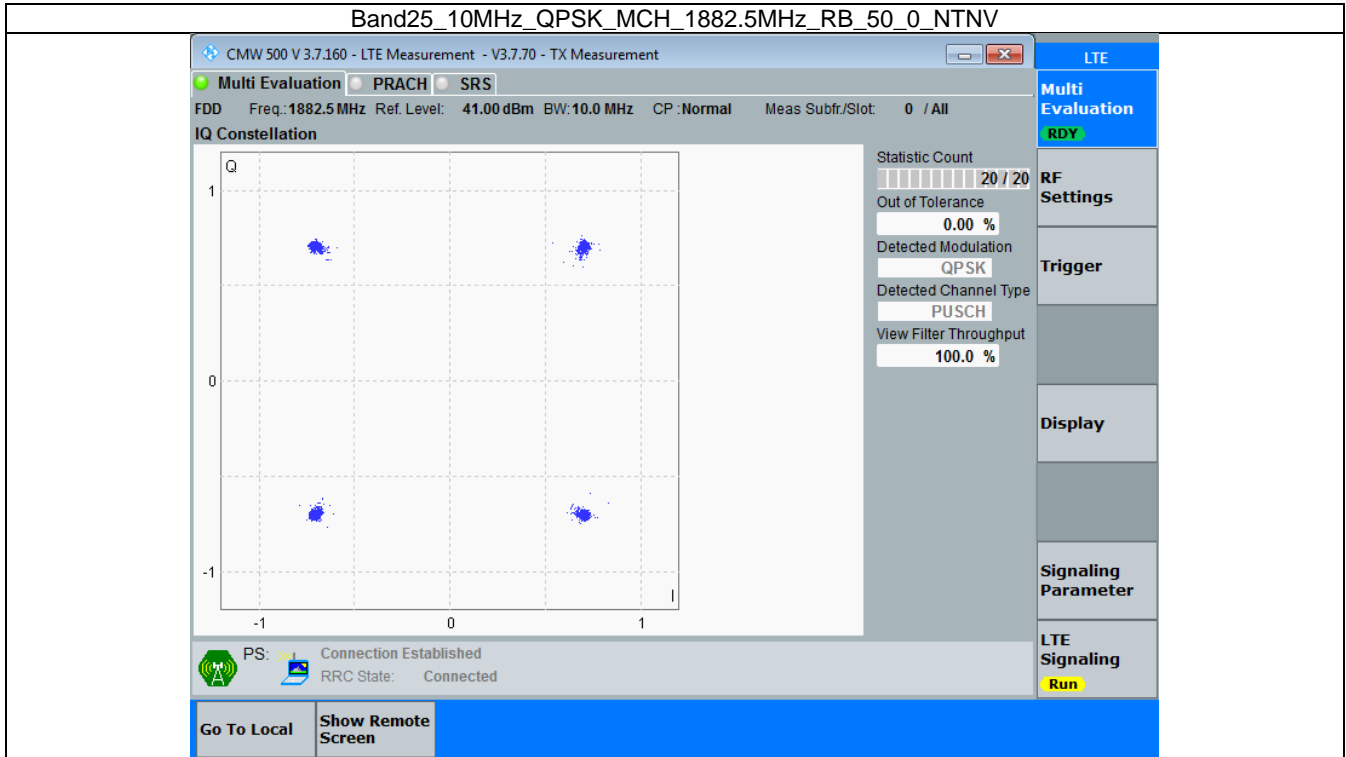


### 3.4 B25\_10MHz

#### 3.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	50	0	Refer To Test Graph		Pass
16QAM	1882.5	50	0	Refer To Test Graph		Pass

### 3.4.2 Test Graph

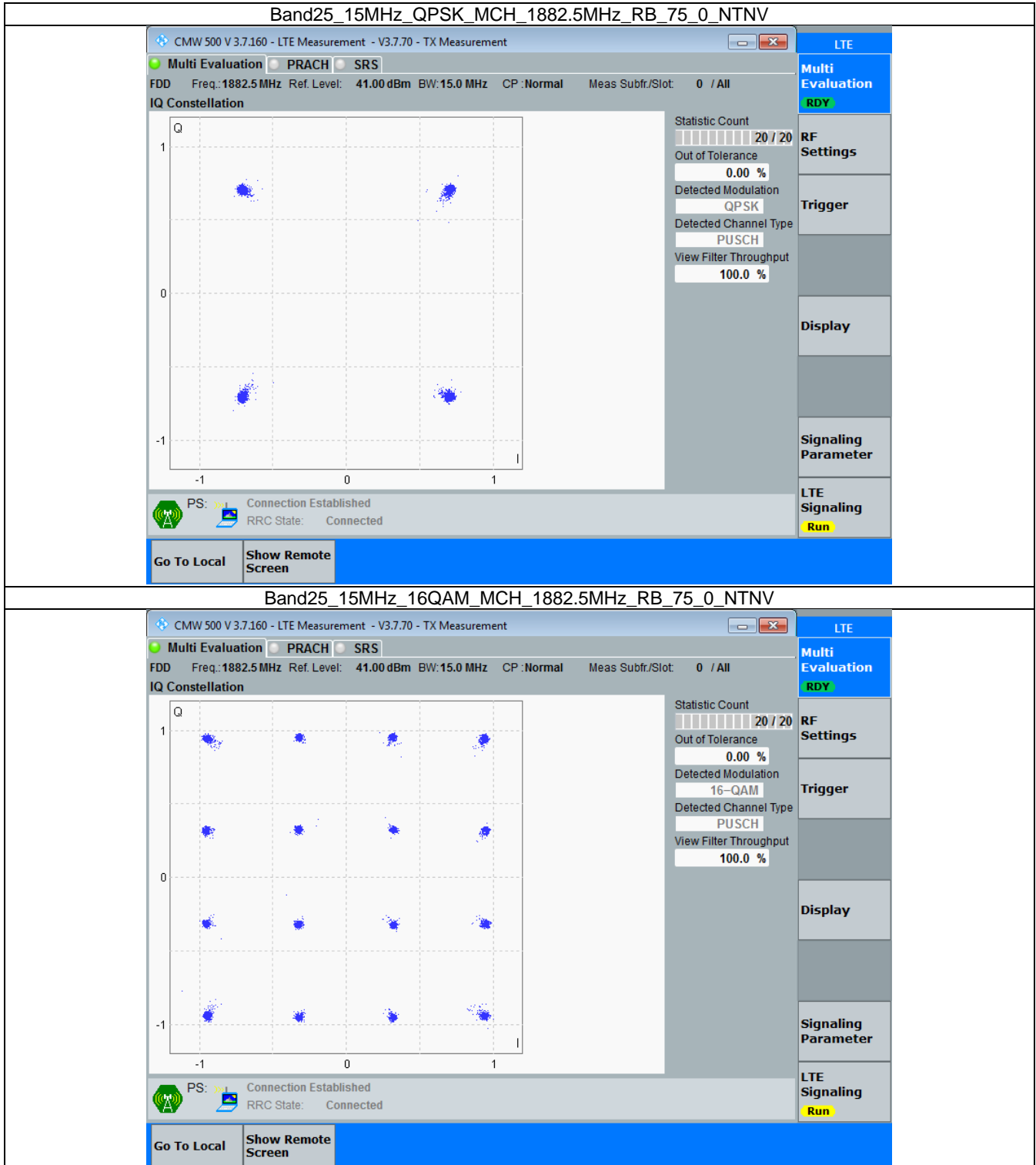


### 3.5 B25\_15MHz

#### 3.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	75	0	Refer To Test Graph		Pass

### 3.5.2 Test Graph



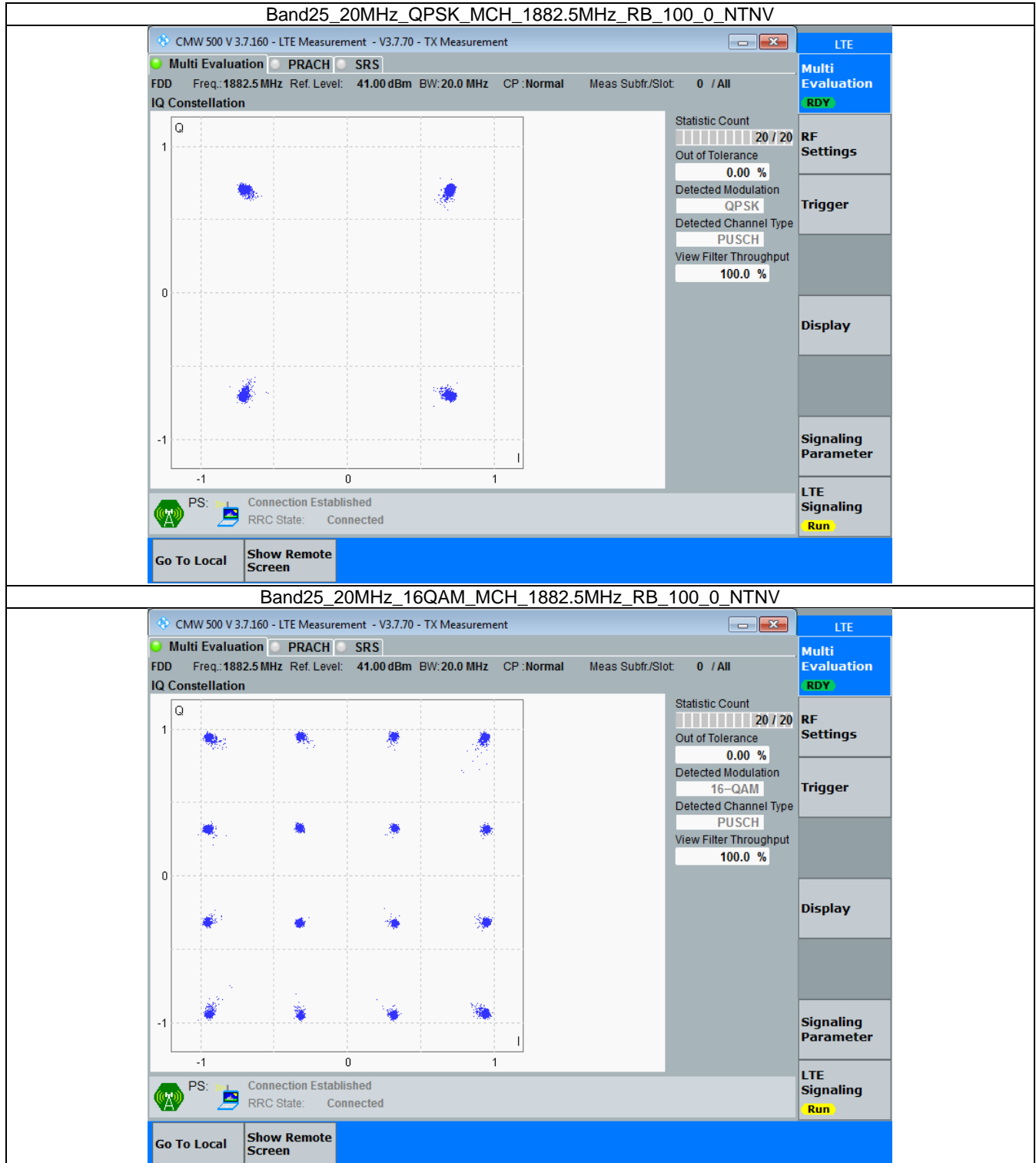


### 3.6 B25\_20MHz

#### 3.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	100	0	Refer To Test Graph		Pass
16QAM	1882.5	100	0	Refer To Test Graph		Pass

### 3.6.2 Test Graph



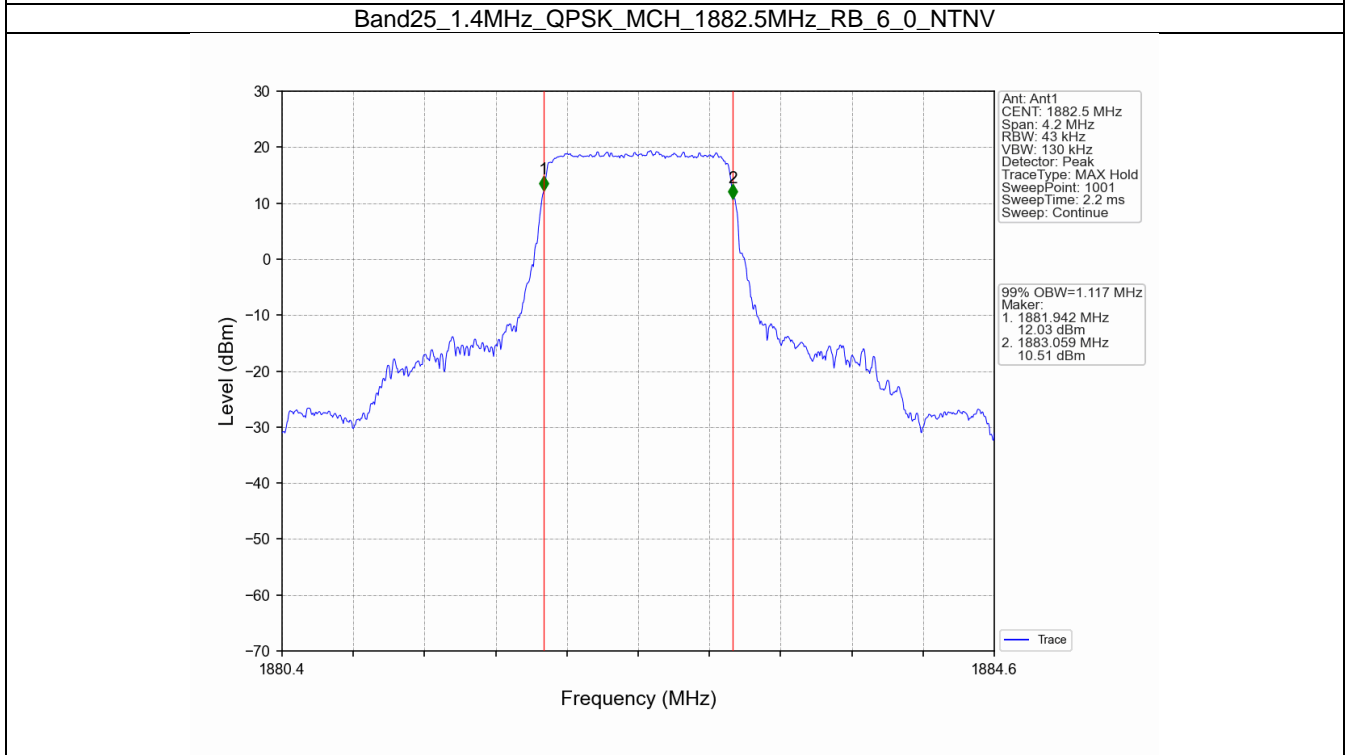
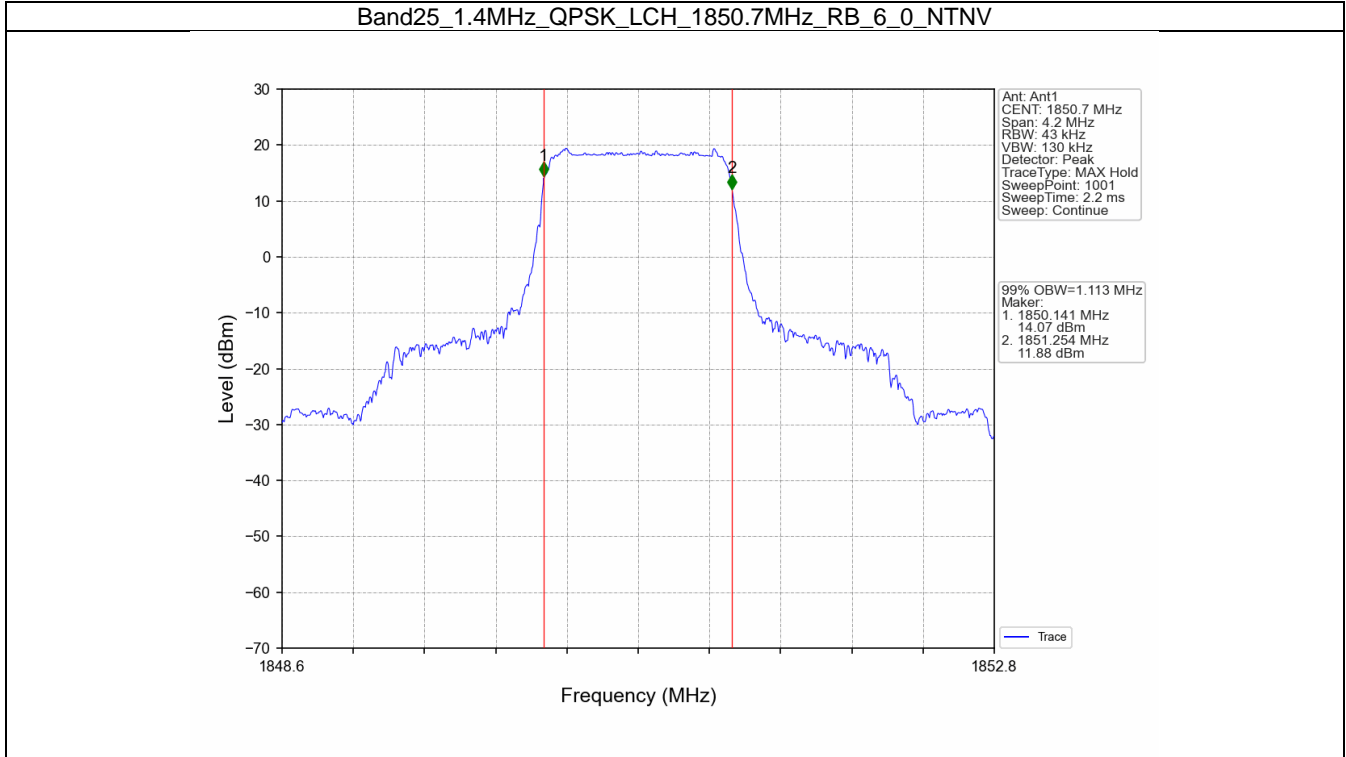
## 4. 99% & 26dB Bandwidth

### 4.1 Band25\_OBW

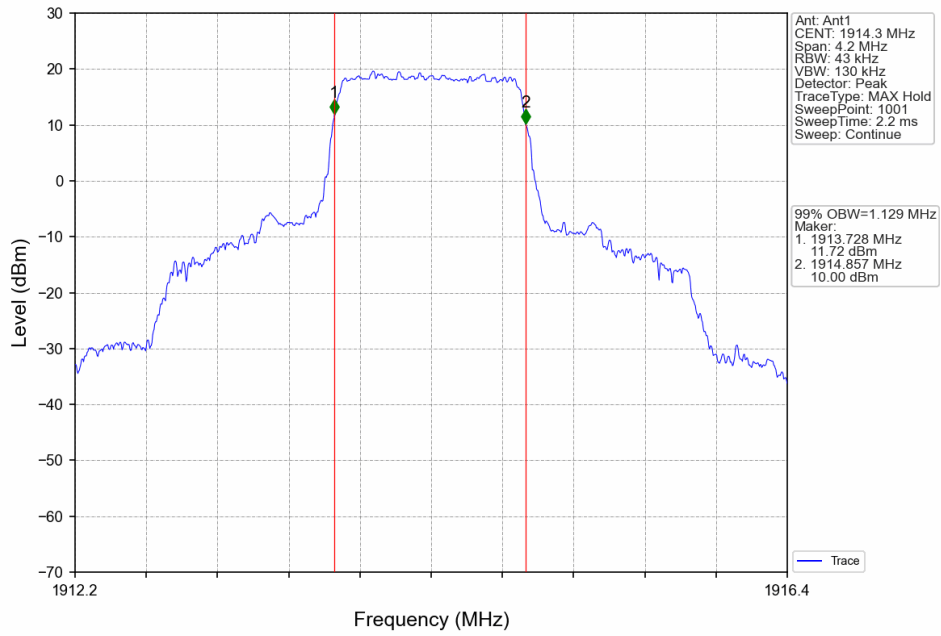
#### 4.1.1 Test Result

Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.113	Pass
		1882.5	6	0	1.117	Pass
		1914.3	6	0	1.129	Pass
	16QAM	1850.7	6	0	1.117	Pass
		1882.5	6	0	1.104	Pass
		1914.3	6	0	1.119	Pass
3	QPSK	1851.5	15	0	2.734	Pass
		1882.5	15	0	2.730	Pass
		1913.5	15	0	2.738	Pass
	16QAM	1851.5	15	0	2.746	Pass
		1882.5	15	0	2.733	Pass
		1913.5	15	0	2.737	Pass
5	QPSK	1852.5	25	0	4.571	Pass
		1882.5	25	0	4.538	Pass
		1912.5	25	0	4.556	Pass
	16QAM	1852.5	25	0	4.536	Pass
		1882.5	25	0	4.568	Pass
		1912.5	25	0	4.569	Pass
10	QPSK	1855	50	0	9.056	Pass
		1882.5	50	0	9.074	Pass
		1910	50	0	9.067	Pass
	16QAM	1855	50	0	9.067	Pass
		1882.5	50	0	9.082	Pass
		1910	50	0	9.053	Pass
15	QPSK	1857.5	75	0	13.615	Pass
		1882.5	75	0	13.584	Pass
		1907.5	75	0	13.597	Pass
	16QAM	1857.5	75	0	13.612	Pass
		1882.5	75	0	13.621	Pass
		1907.5	75	0	13.614	Pass
20	QPSK	1860	100	0	18.124	Pass
		1882.5	100	0	18.110	Pass
		1905	100	0	18.176	Pass
	16QAM	1860	100	0	18.203	Pass
		1882.5	100	0	18.100	Pass
		1905	100	0	18.184	Pass

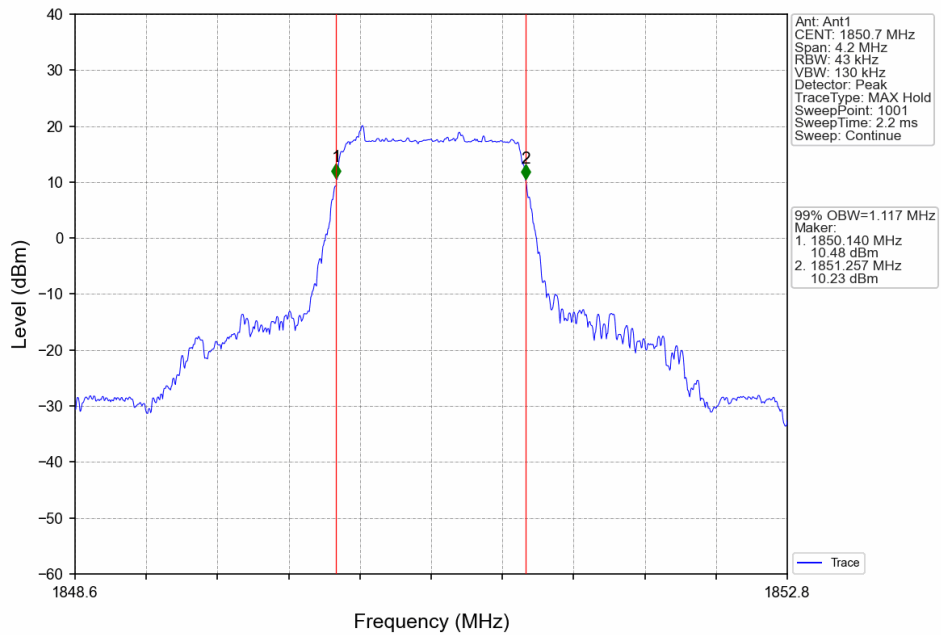
### 4.1.2 Test Graph



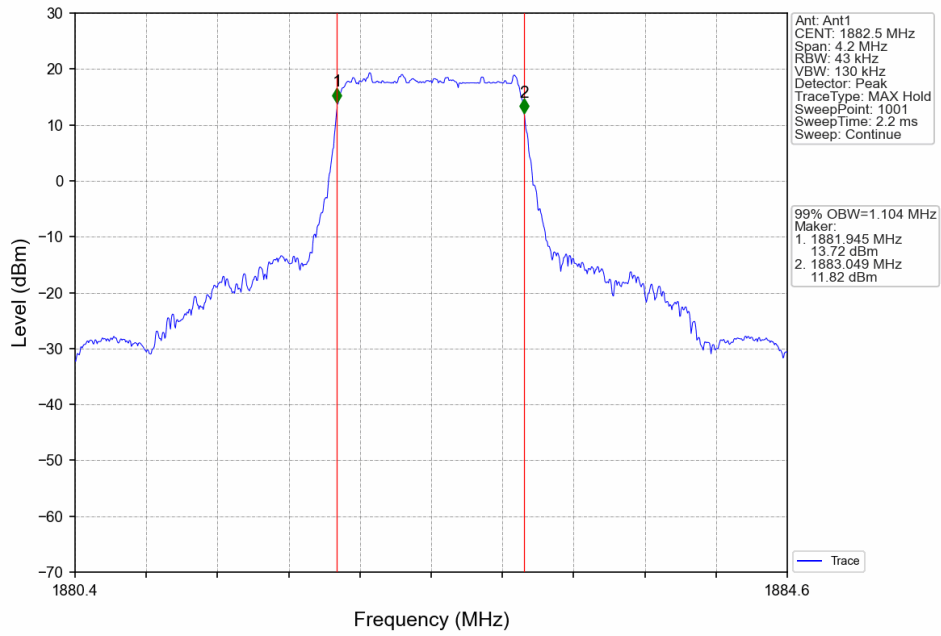
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



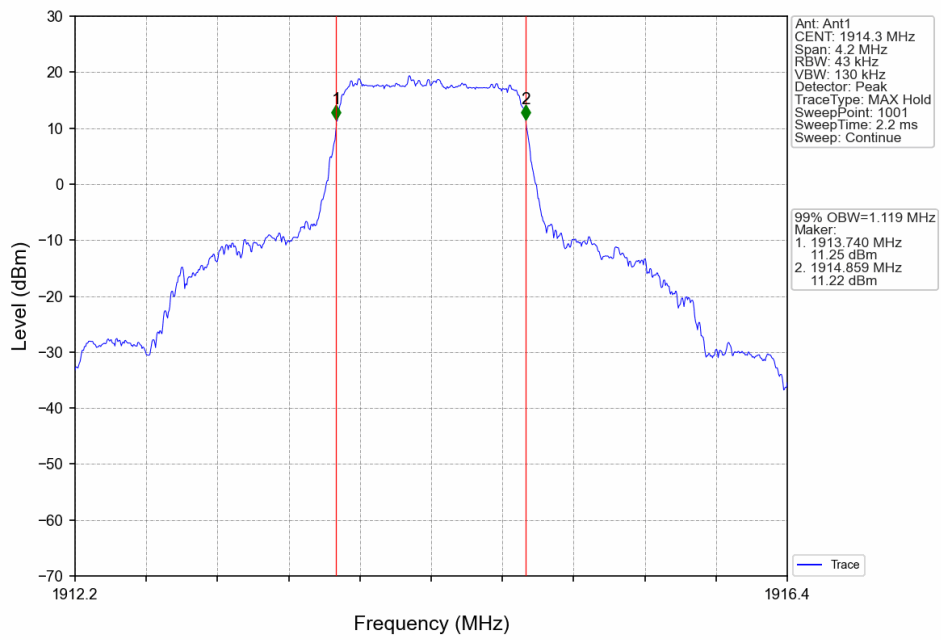
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



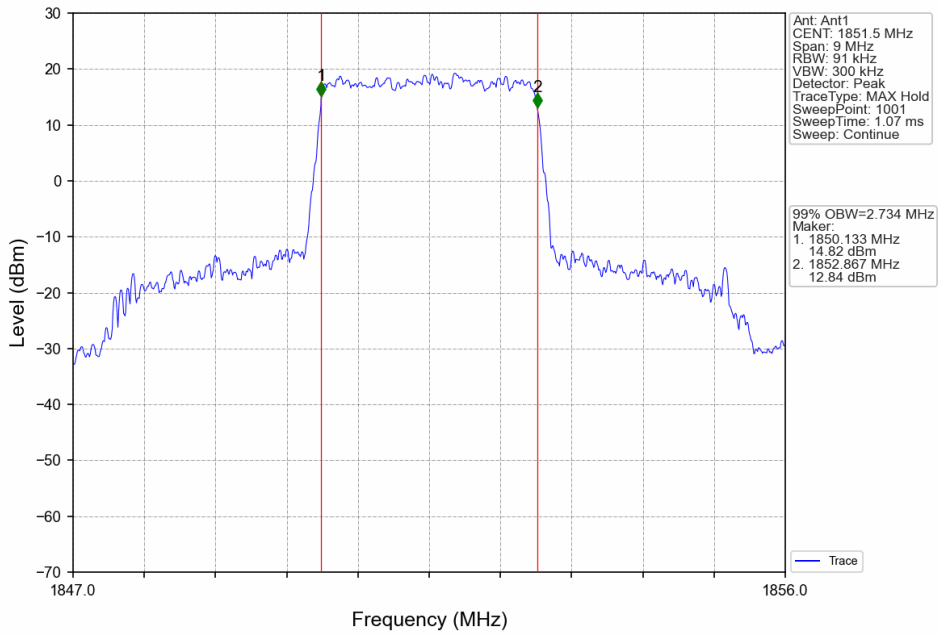
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_6\_0\_NTNV



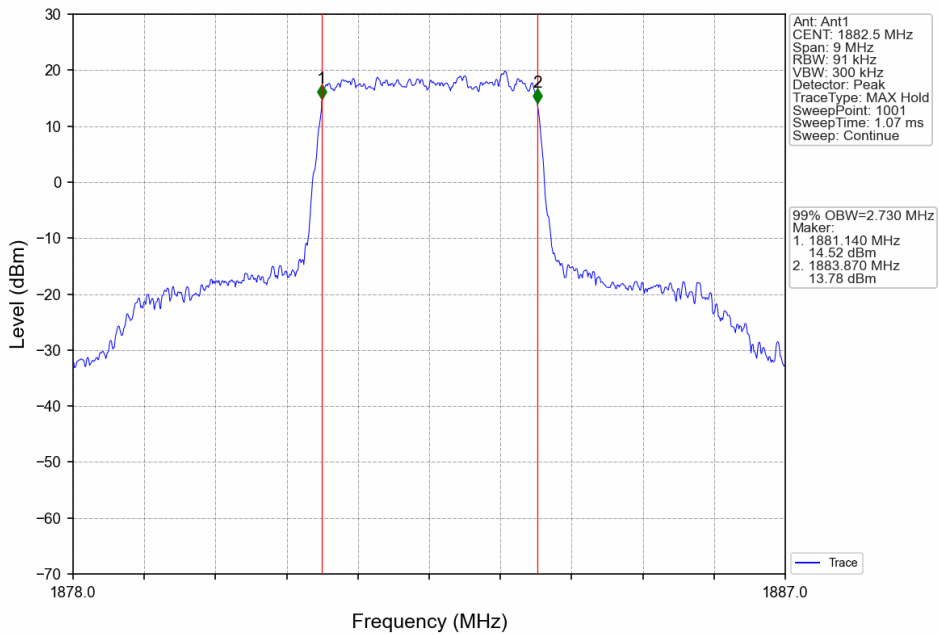
Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



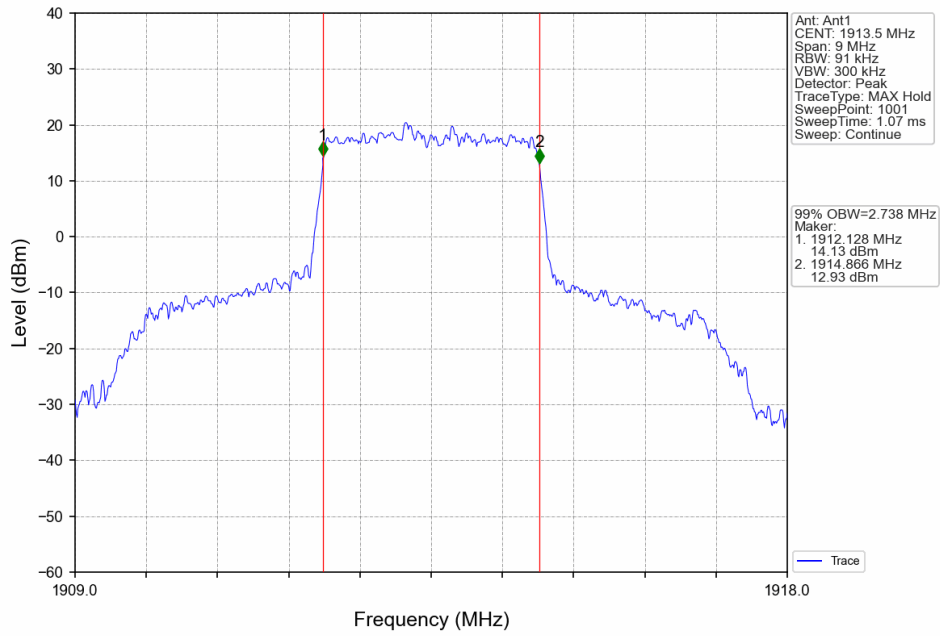
Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



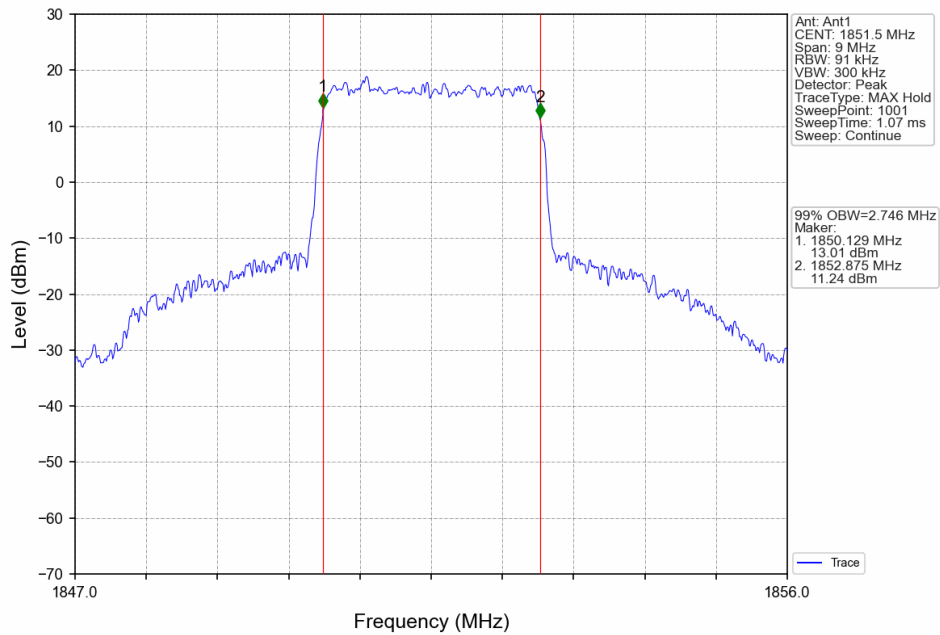
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV

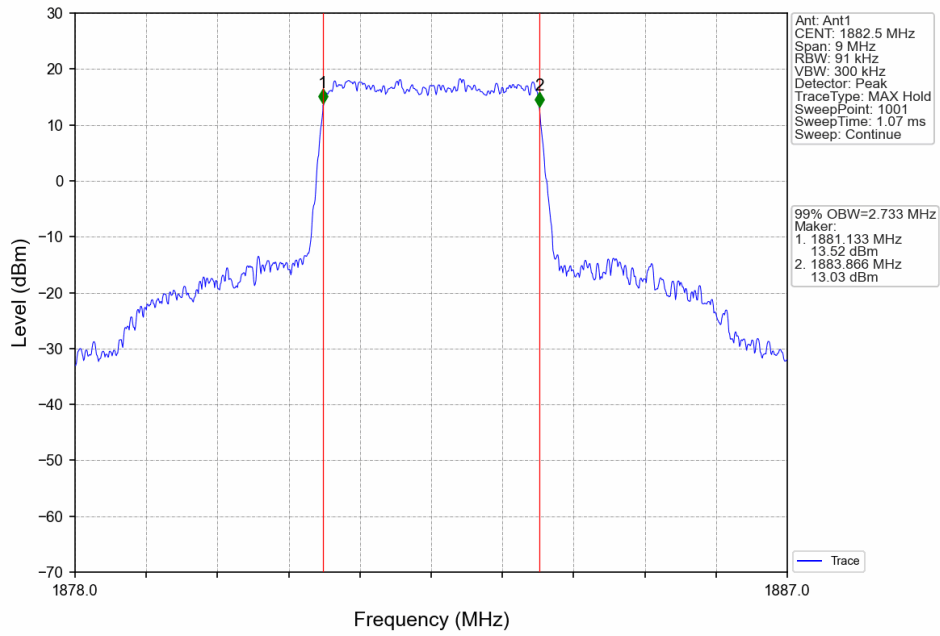


Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

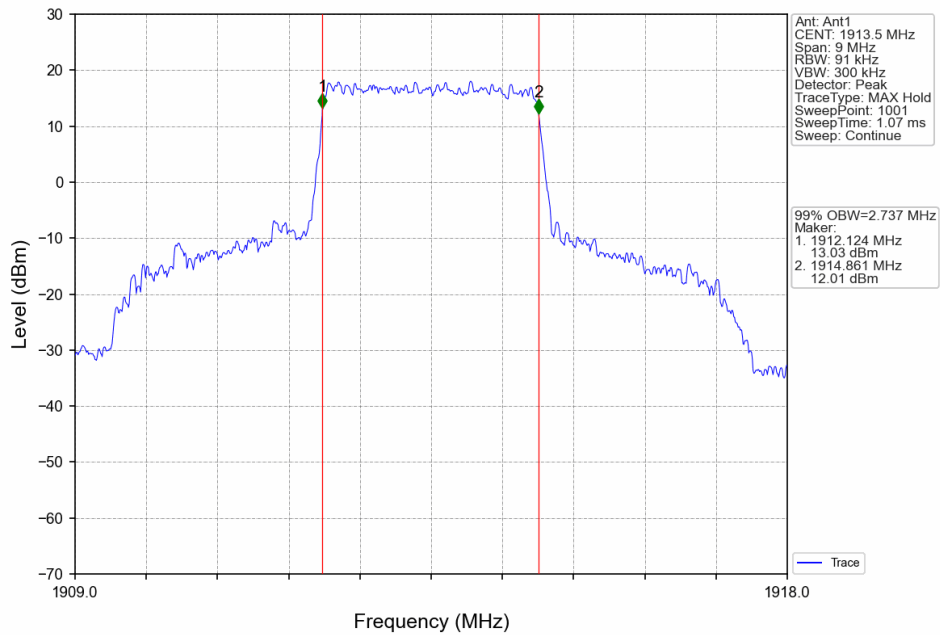




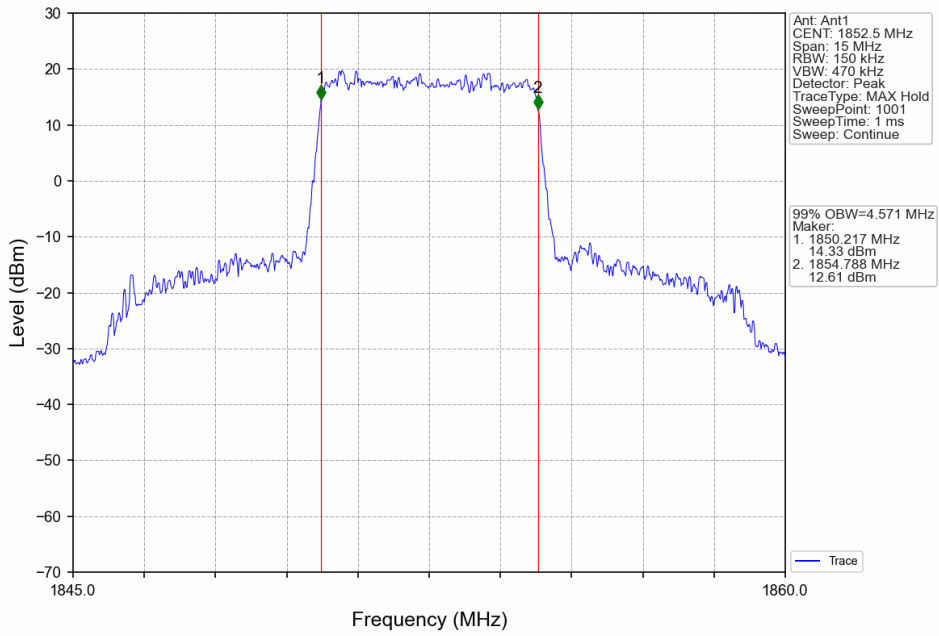
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



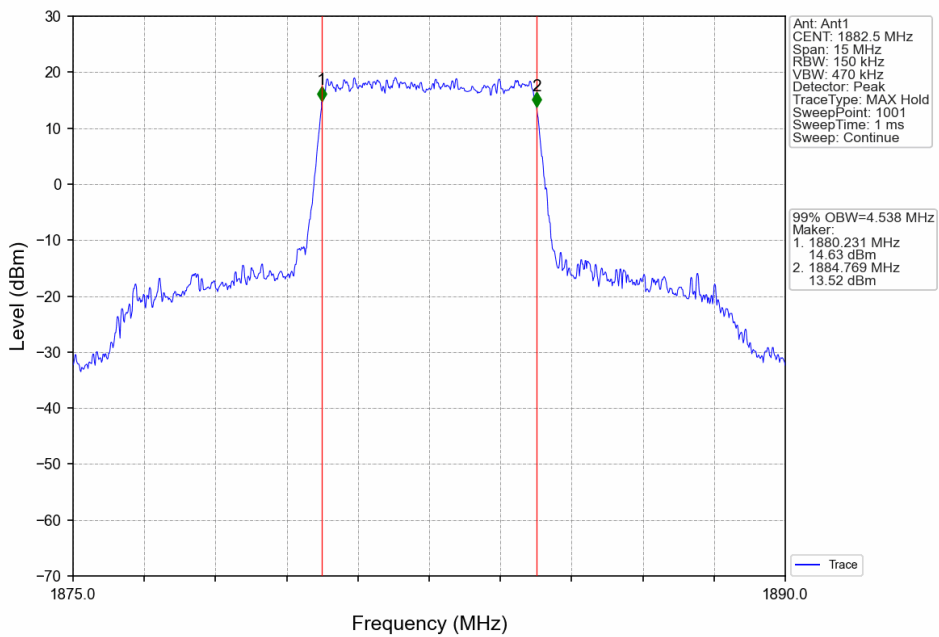
Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



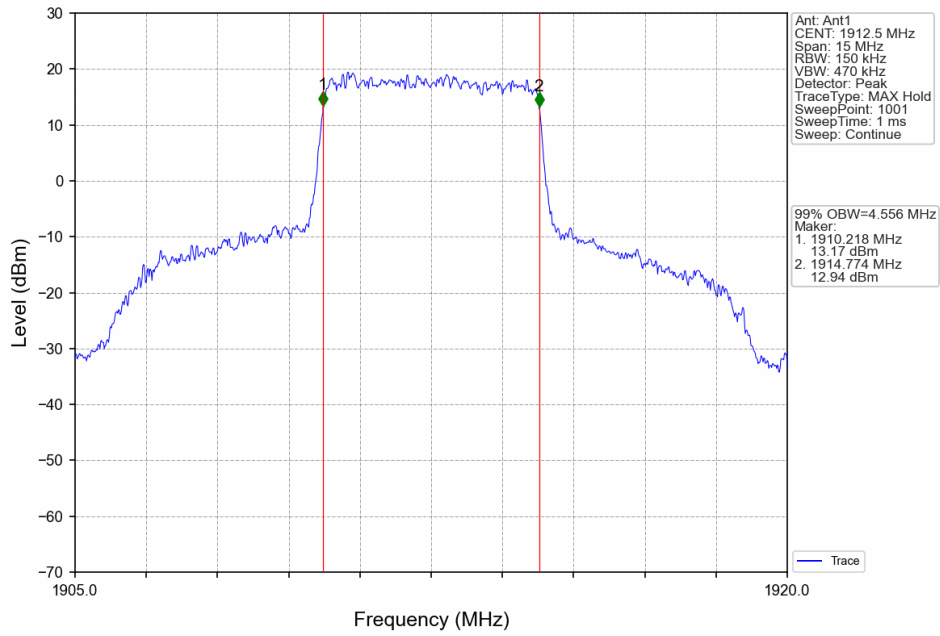
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



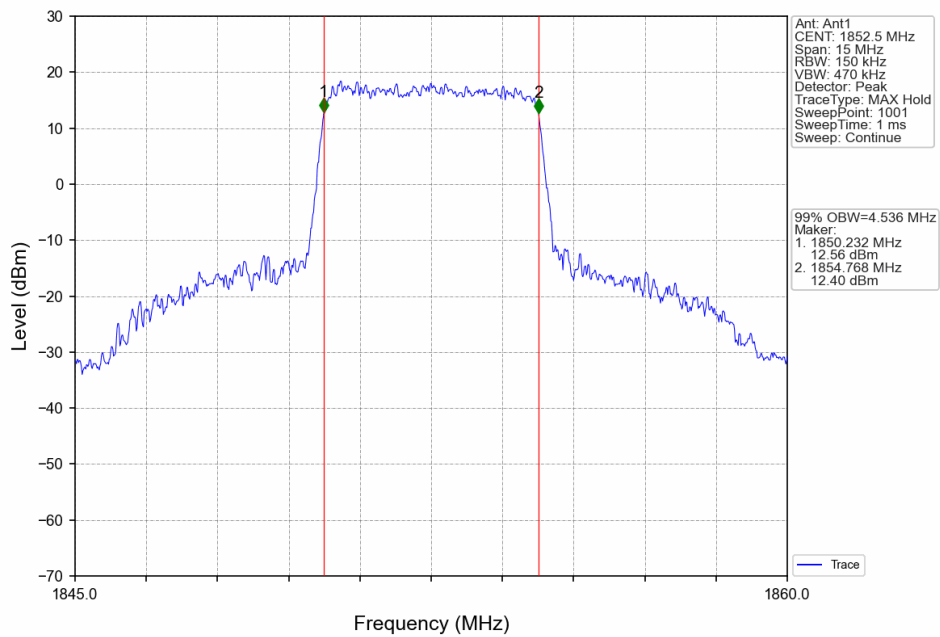
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



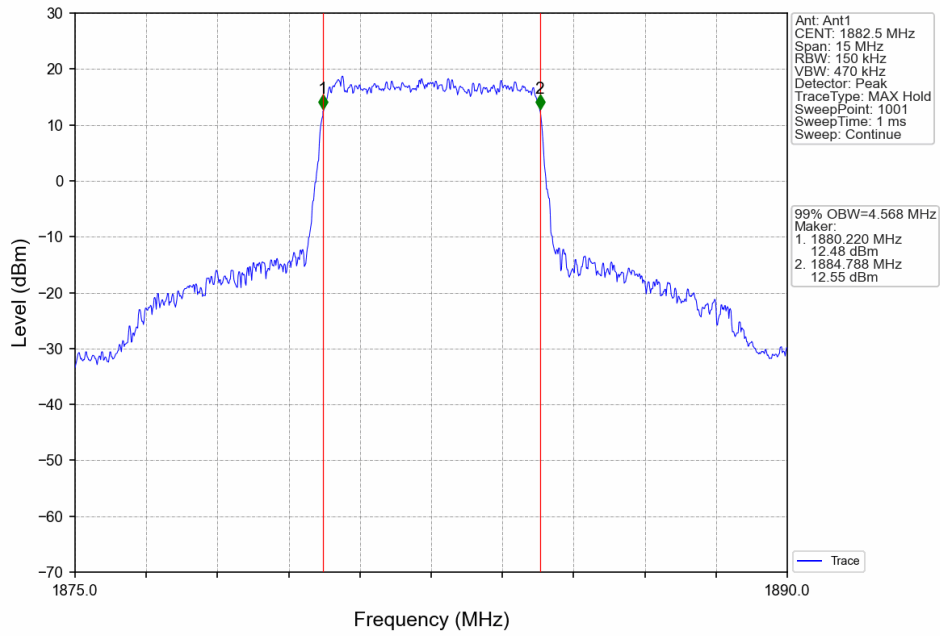
Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



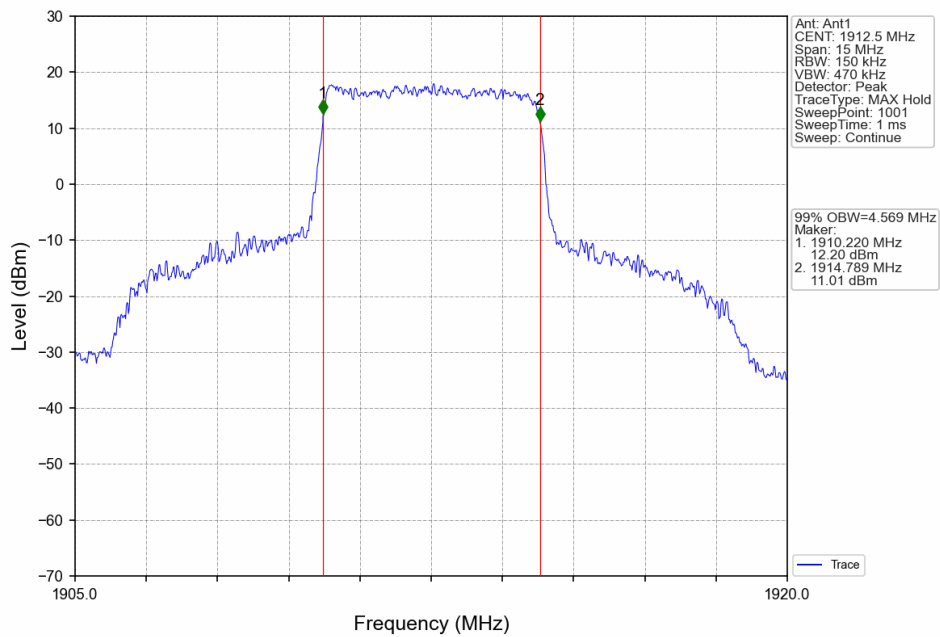
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



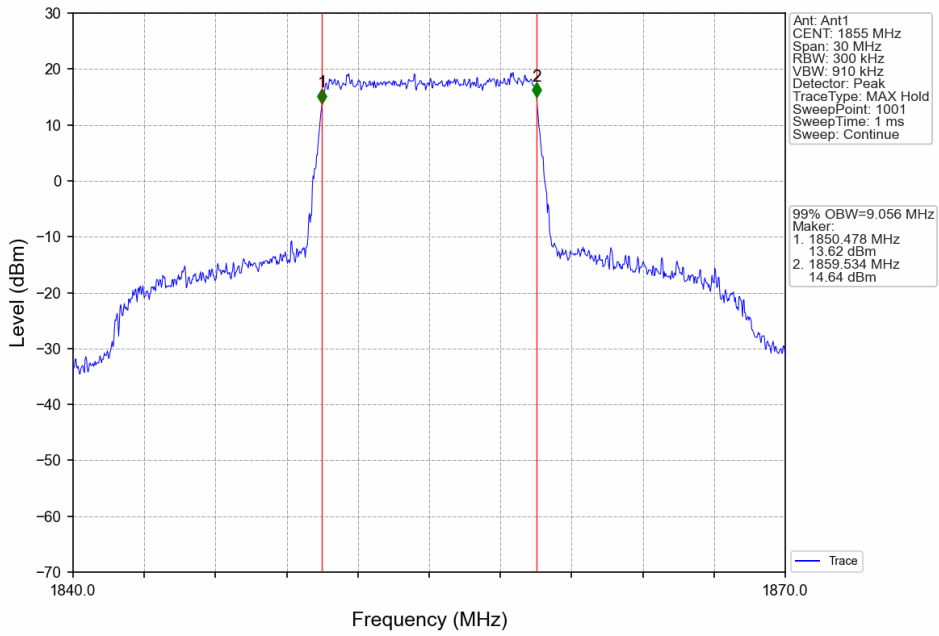
Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



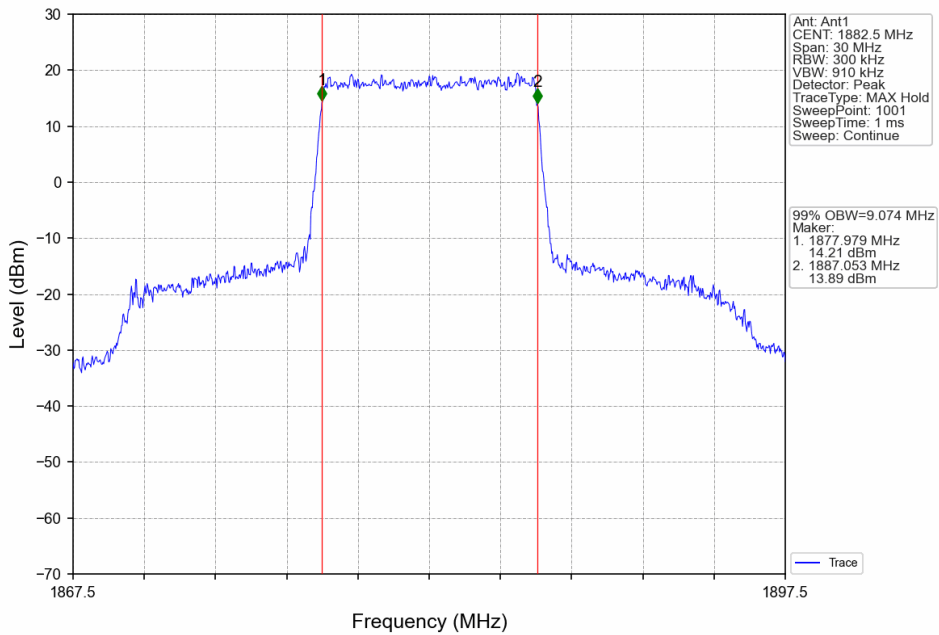
Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



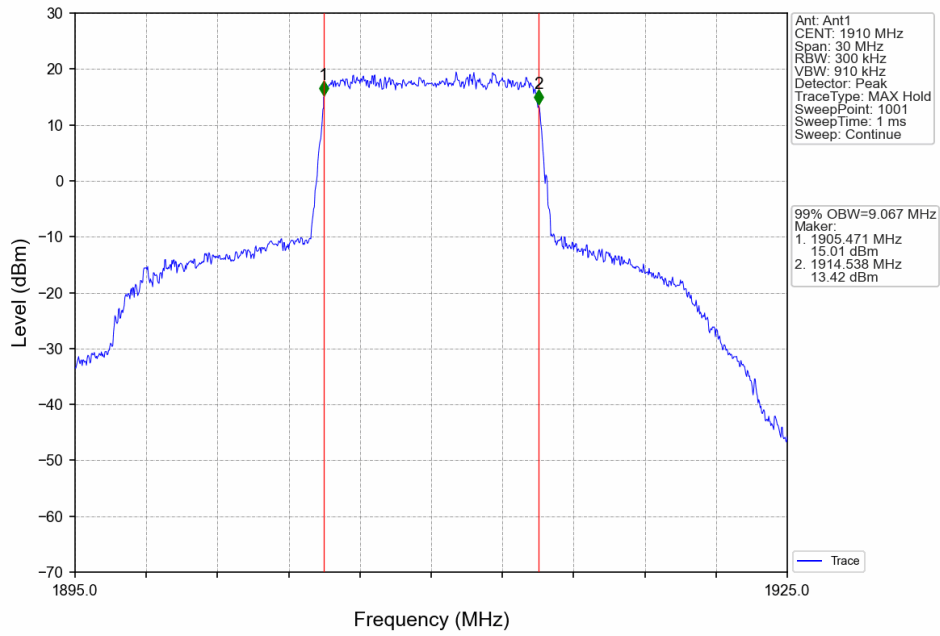
Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



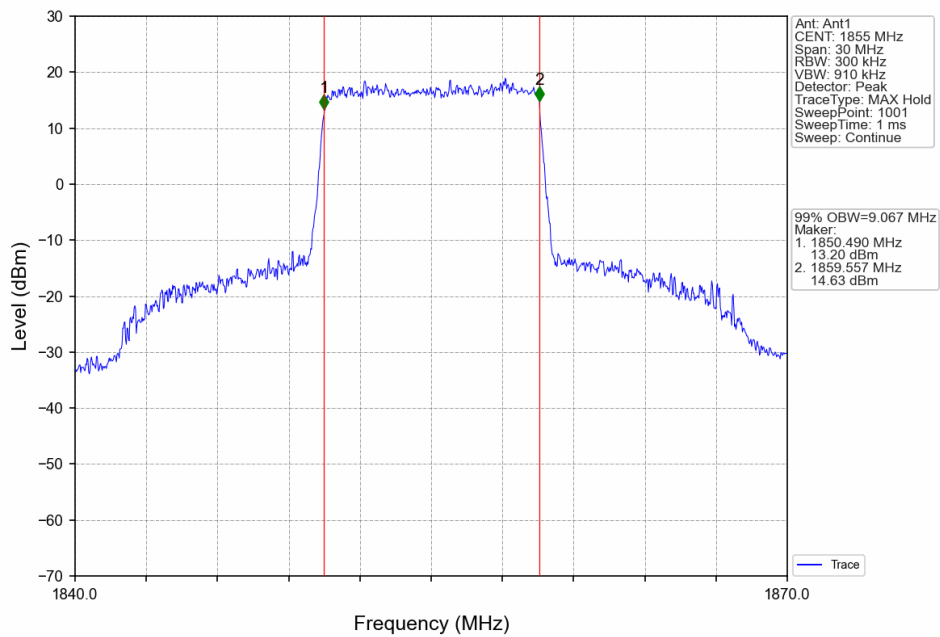
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



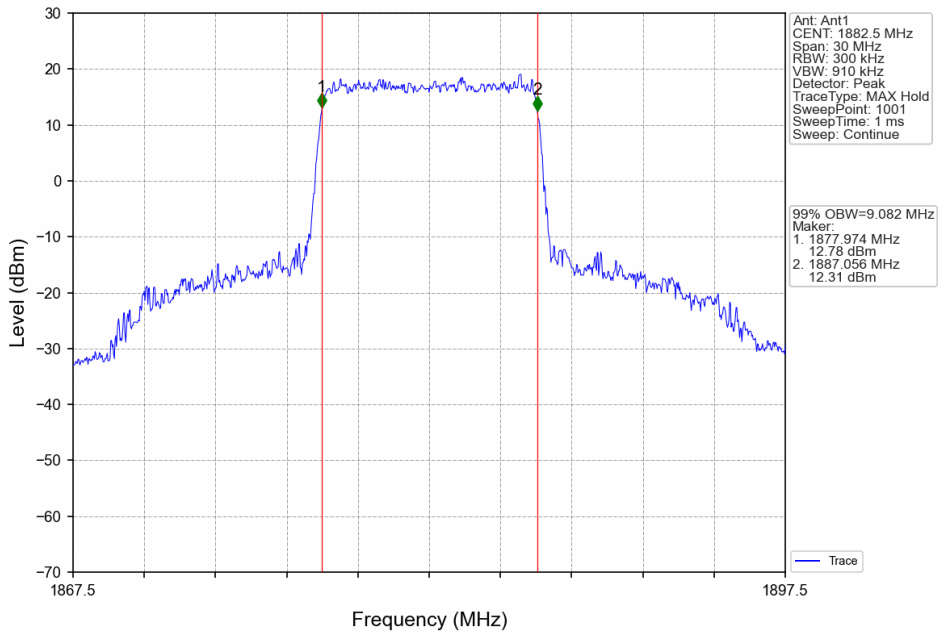
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTNV



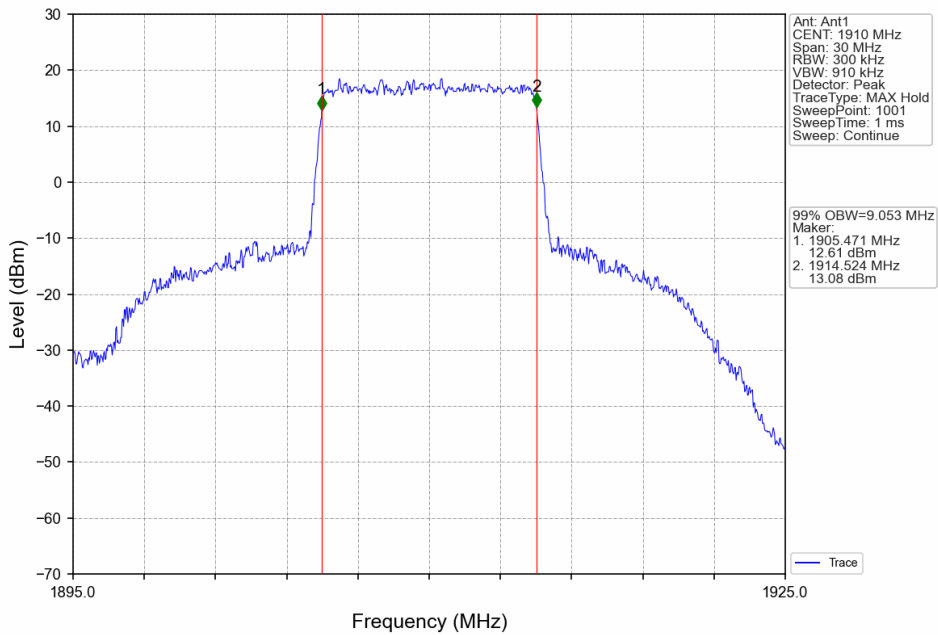
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



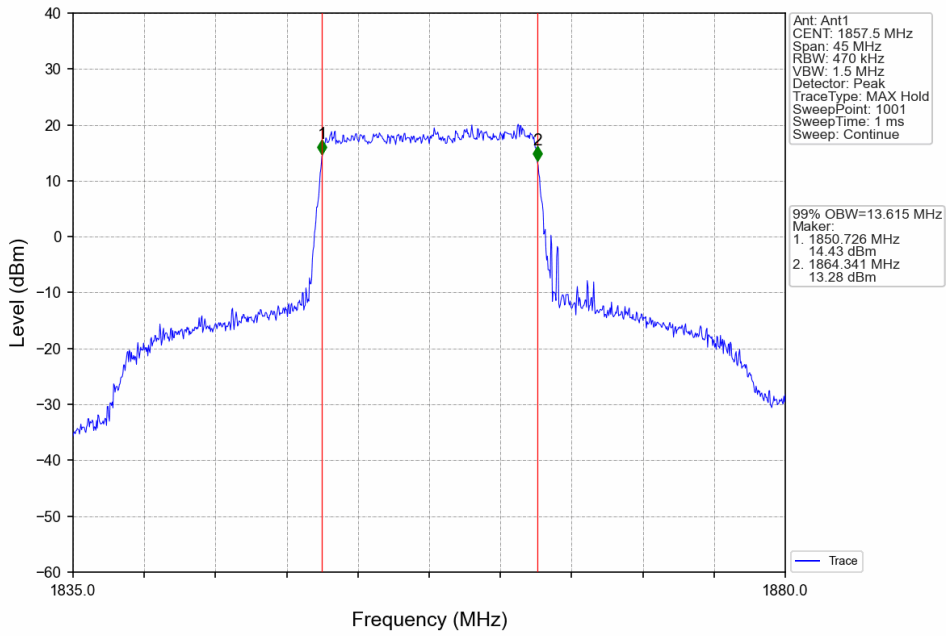
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



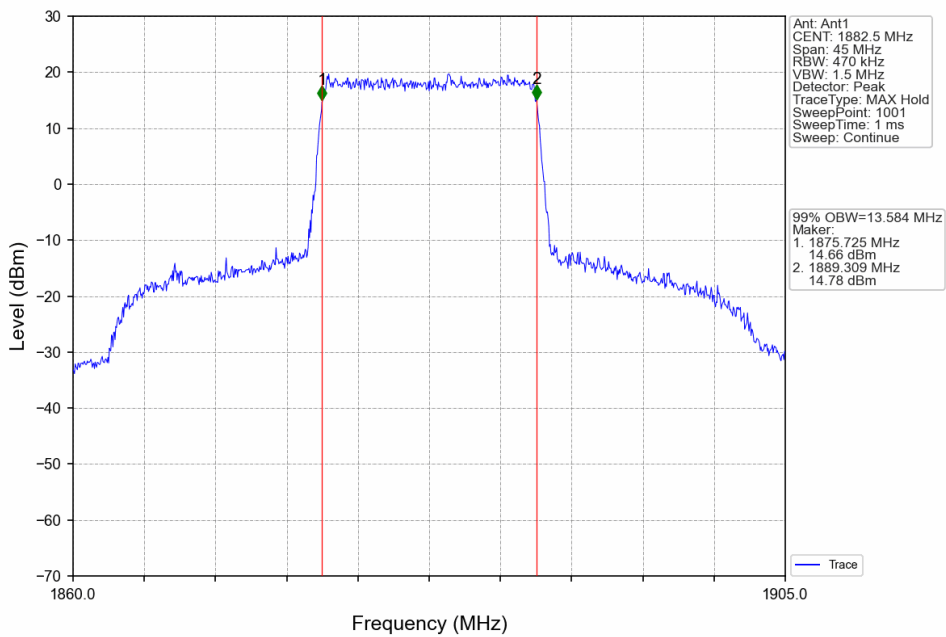
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_50\_0\_NTNV



Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

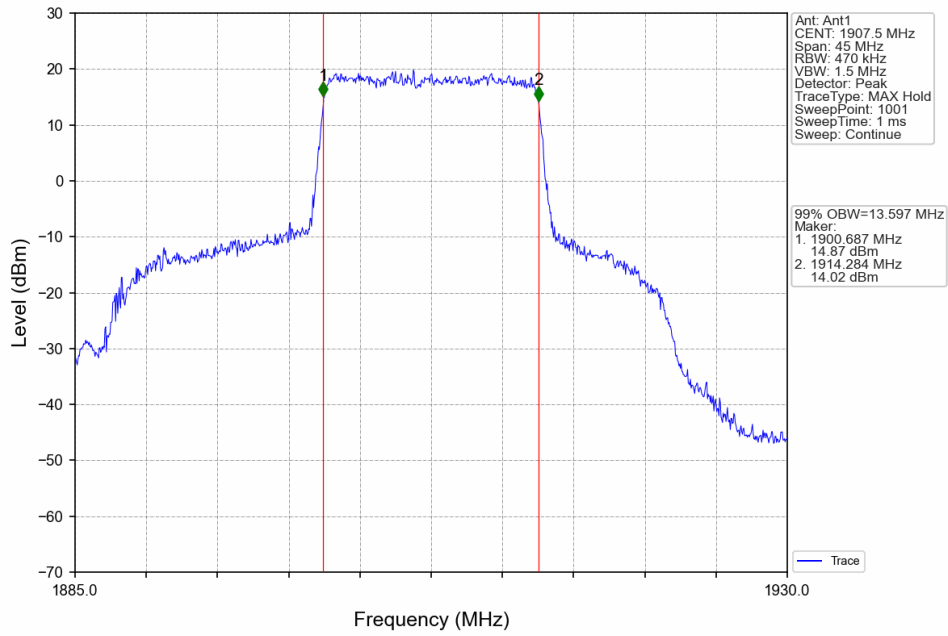


Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV

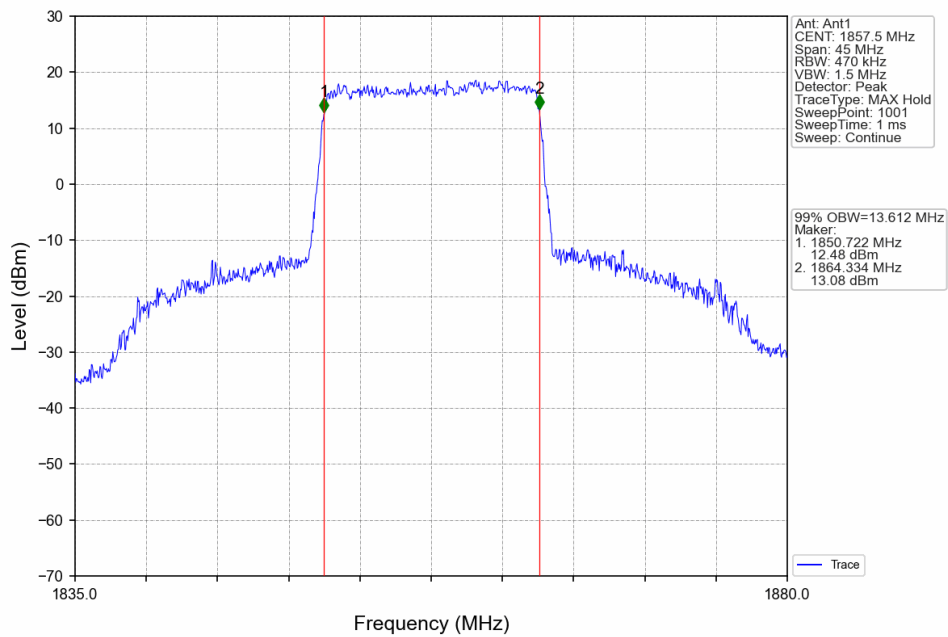




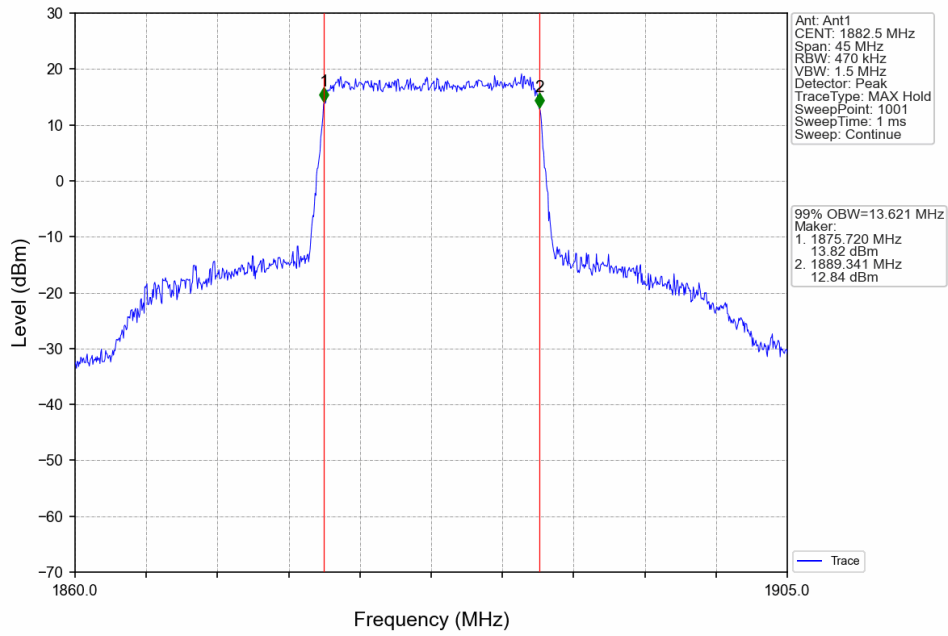
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



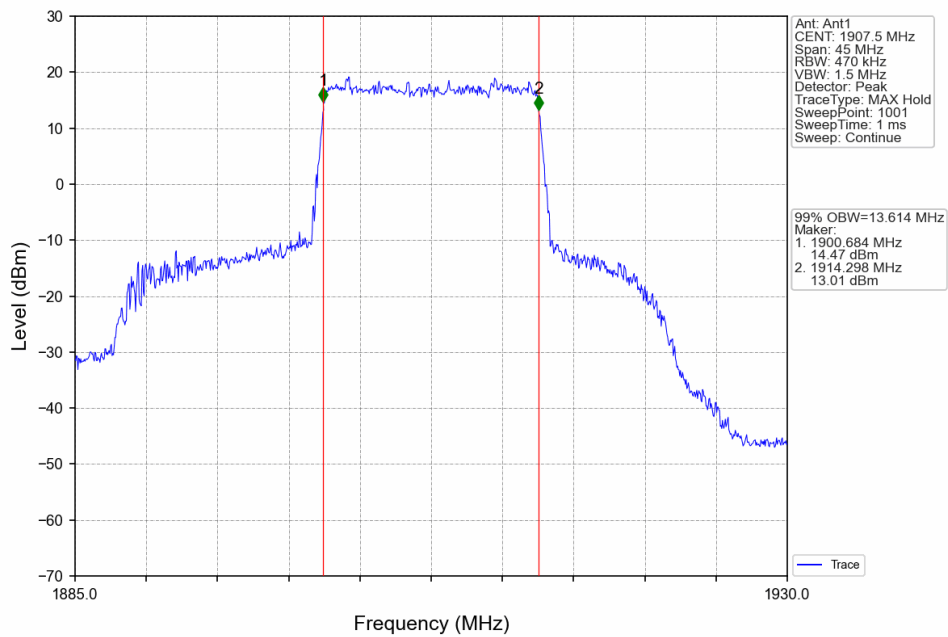
Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



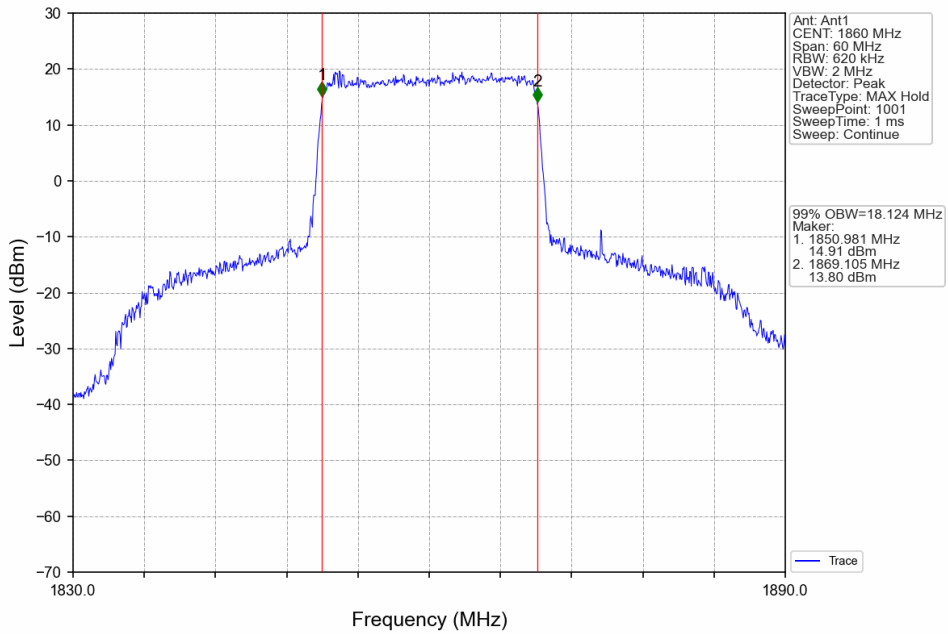
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



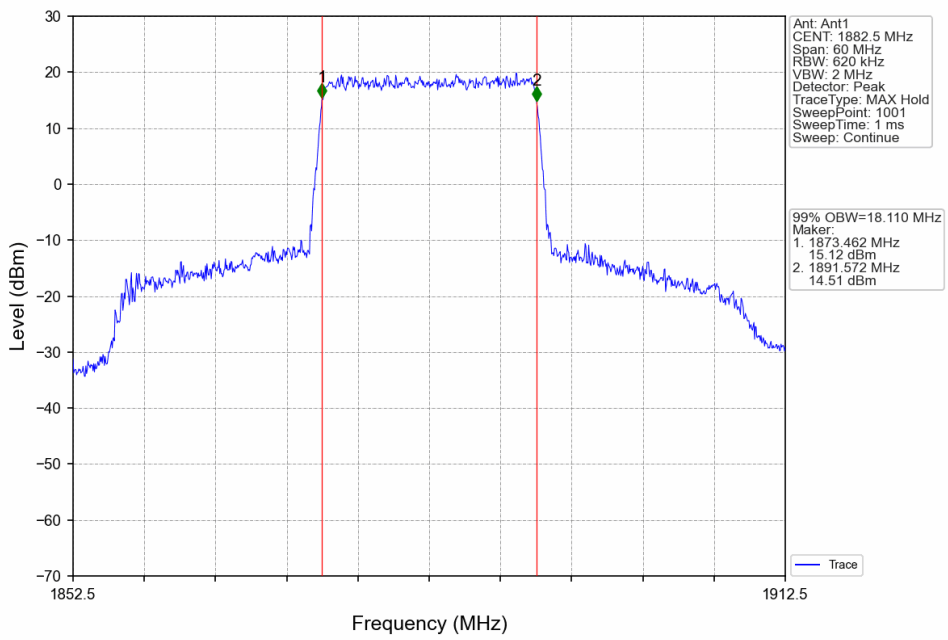
Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



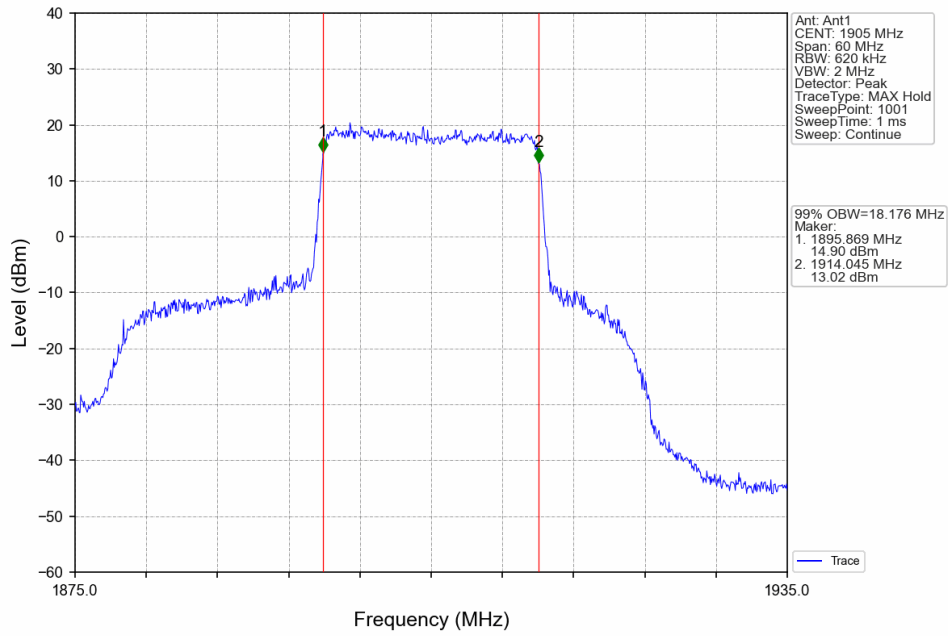
Band25\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



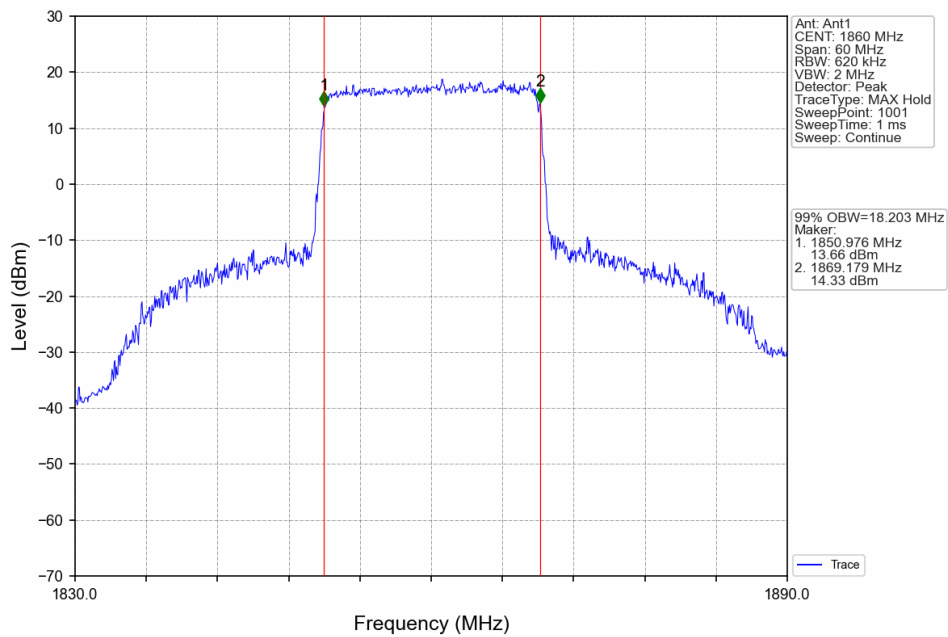
Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV



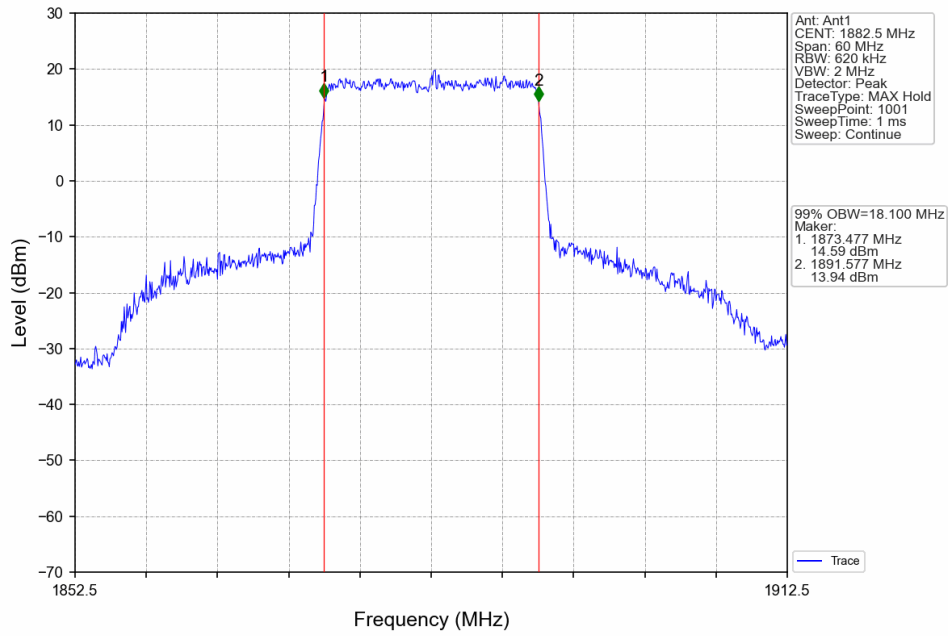
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV



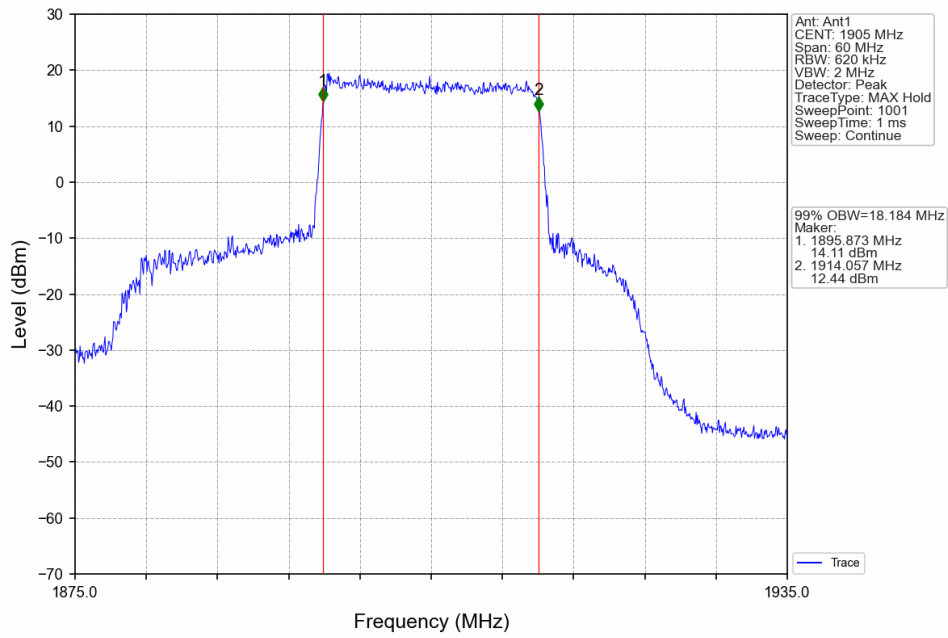
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



Band25\_20MHz\_16QAM\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV



Band25\_20MHz\_16QAM\_HCH\_1905MHz\_RB\_100\_0\_NTNV

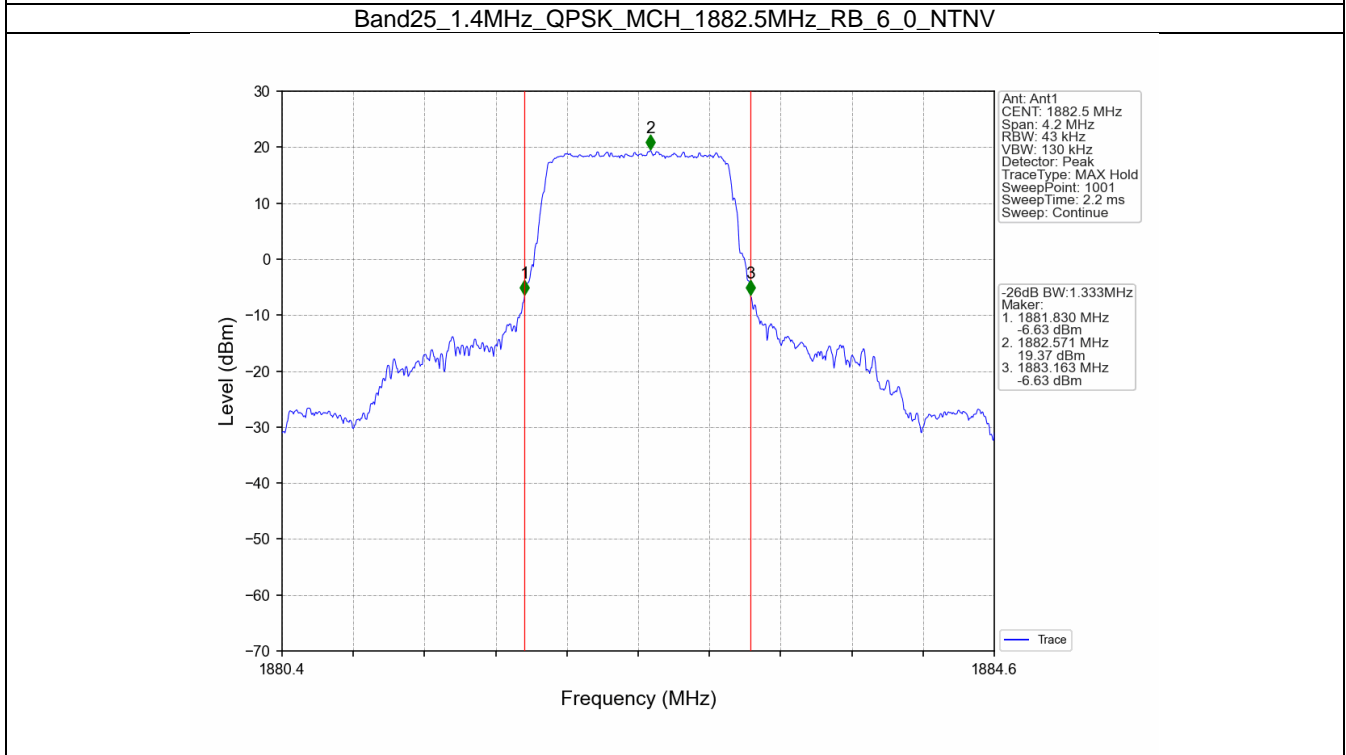
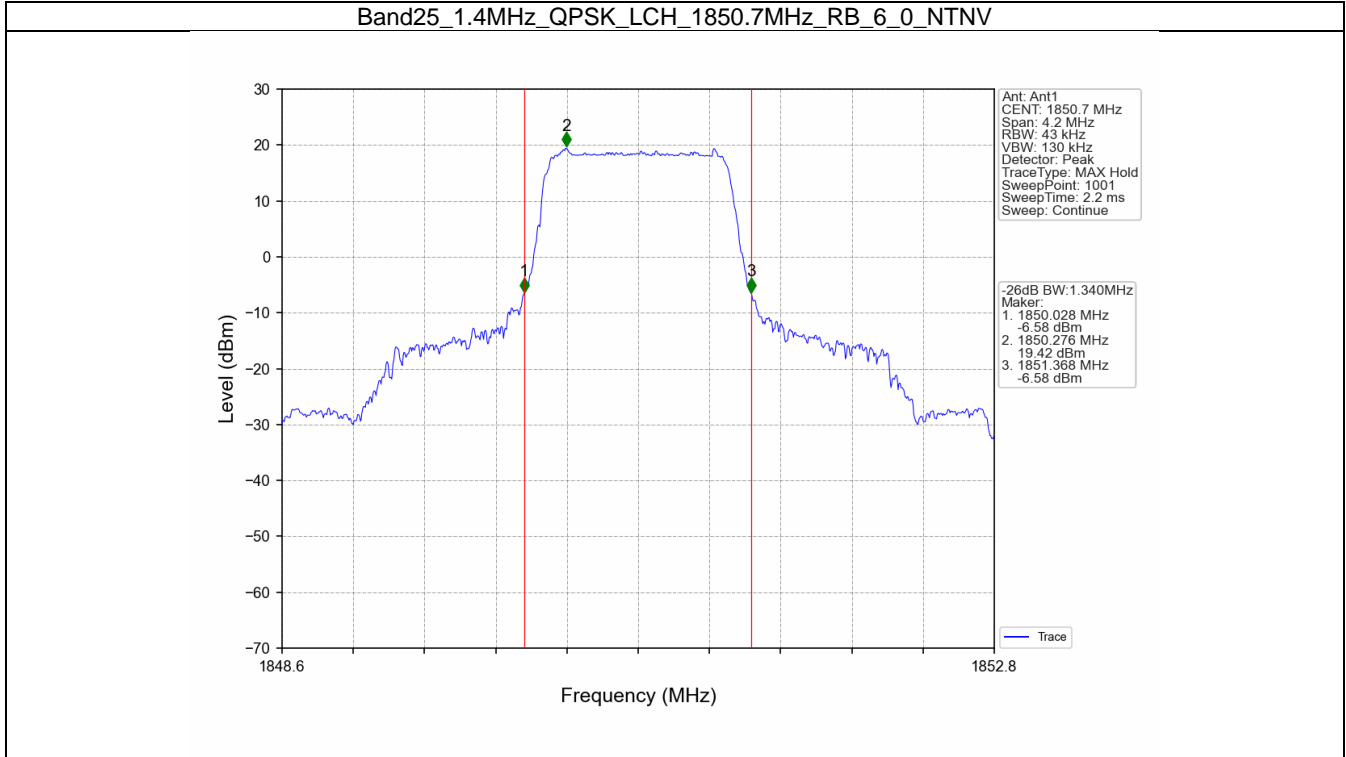


## 4.2 Band25\_XDB

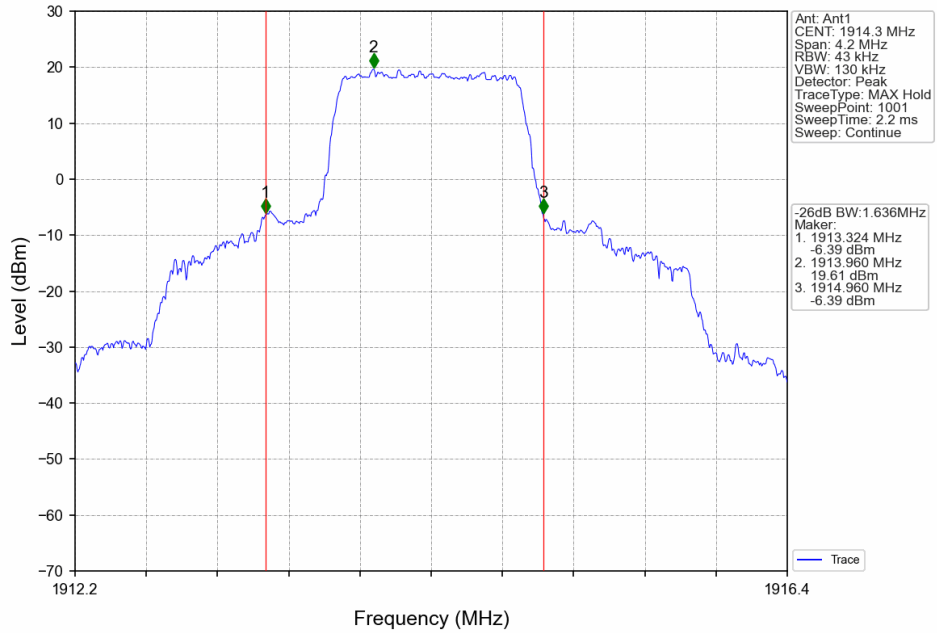
### 4.2.1 Test Result

Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.340	Pass
		1882.5	6	0	1.333	Pass
		1914.3	6	0	1.636	Pass
	16QAM	1850.7	6	0	1.320	Pass
		1882.5	6	0	1.310	Pass
		1914.3	6	0	1.336	Pass
3	QPSK	1851.5	15	0	3.037	Pass
		1882.5	15	0	3.012	Pass
		1913.5	15	0	3.110	Pass
	16QAM	1851.5	15	0	3.011	Pass
		1882.5	15	0	3.024	Pass
		1913.5	15	0	3.617	Pass
5	QPSK	1852.5	25	0	5.033	Pass
		1882.5	25	0	5.077	Pass
		1912.5	25	0	5.091	Pass
	16QAM	1852.5	25	0	5.059	Pass
		1882.5	25	0	5.035	Pass
		1912.5	25	0	5.312	Pass
10	QPSK	1855	50	0	10.128	Pass
		1882.5	50	0	9.990	Pass
		1910	50	0	10.004	Pass
	16QAM	1855	50	0	9.953	Pass
		1882.5	50	0	9.947	Pass
		1910	50	0	9.982	Pass
15	QPSK	1857.5	75	0	15.581	Pass
		1882.5	75	0	14.971	Pass
		1907.5	75	0	15.092	Pass
	16QAM	1857.5	75	0	14.994	Pass
		1882.5	75	0	15.002	Pass
		1907.5	75	0	14.991	Pass
20	QPSK	1860	100	0	19.836	Pass
		1882.5	100	0	19.731	Pass
		1905	100	0	20.262	Pass
	16QAM	1860	100	0	19.643	Pass
		1882.5	100	0	19.750	Pass
		1905	100	0	19.698	Pass

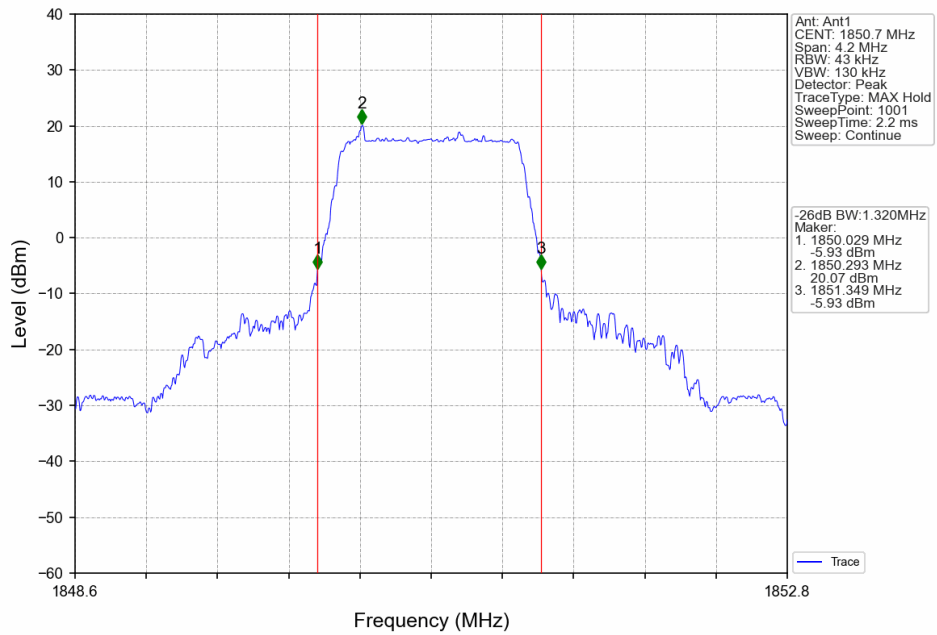
### 4.2.2 Test Graph



Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV

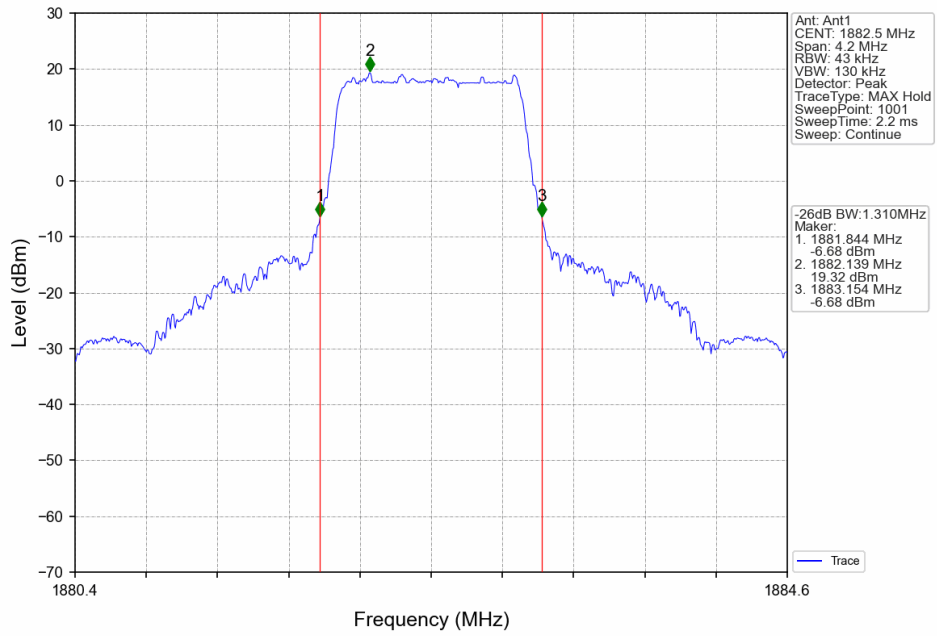


Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

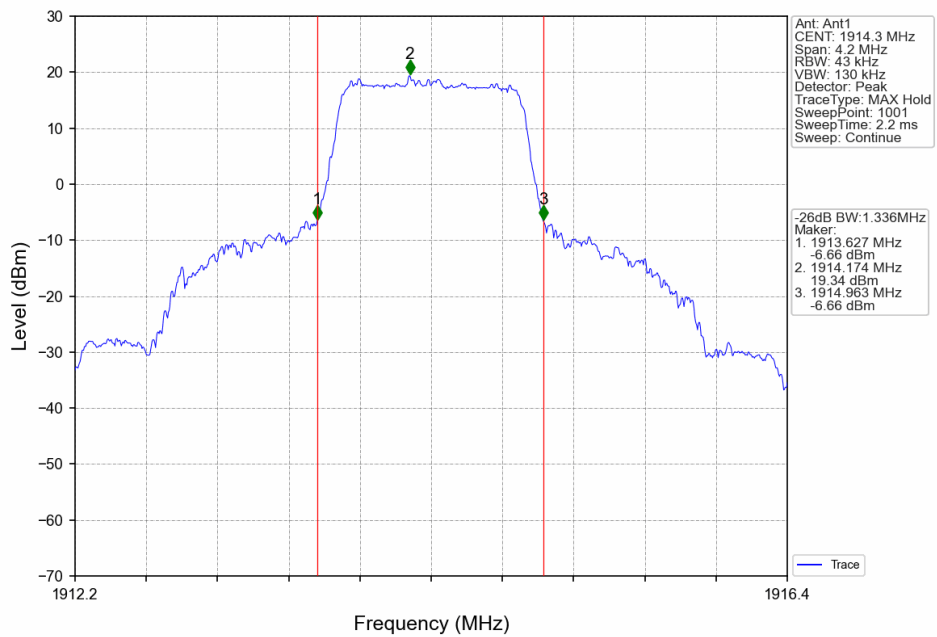




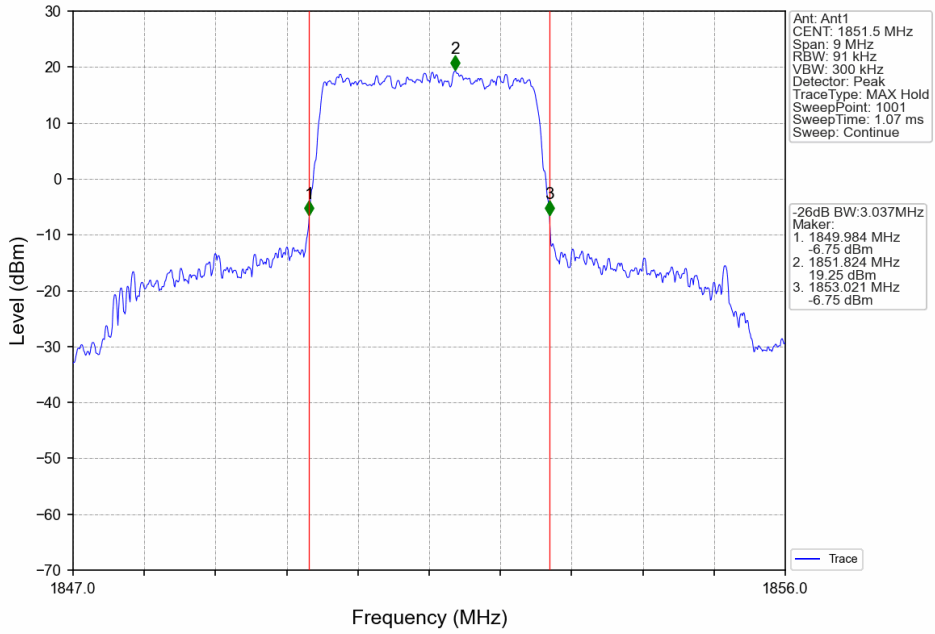
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_6\_0\_NTNV



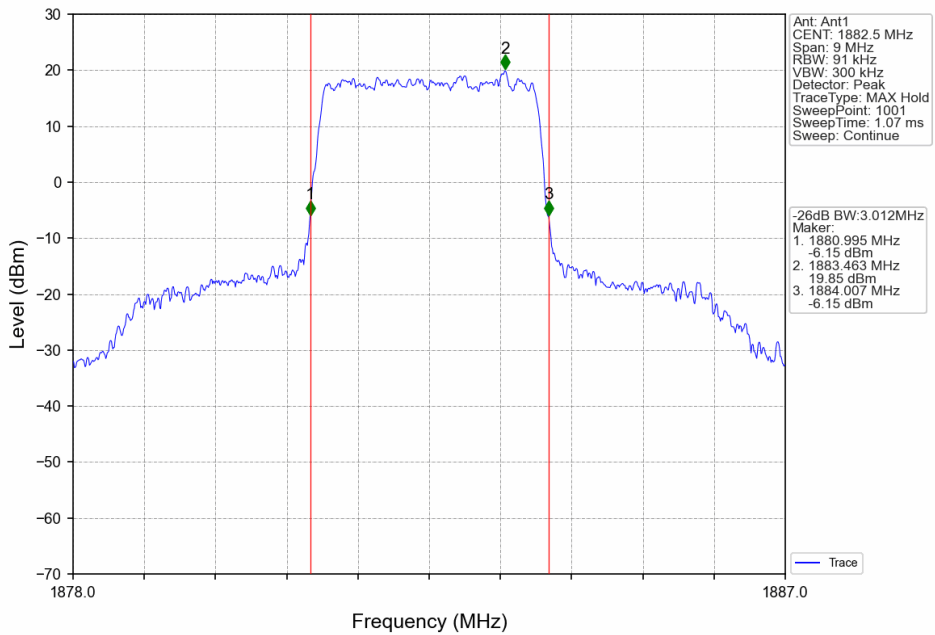
Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



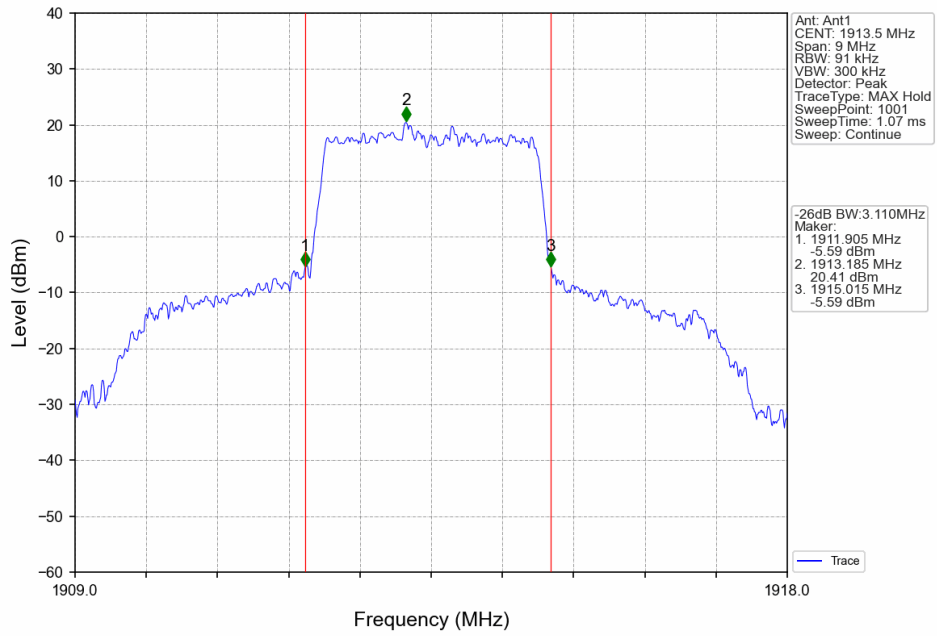
Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



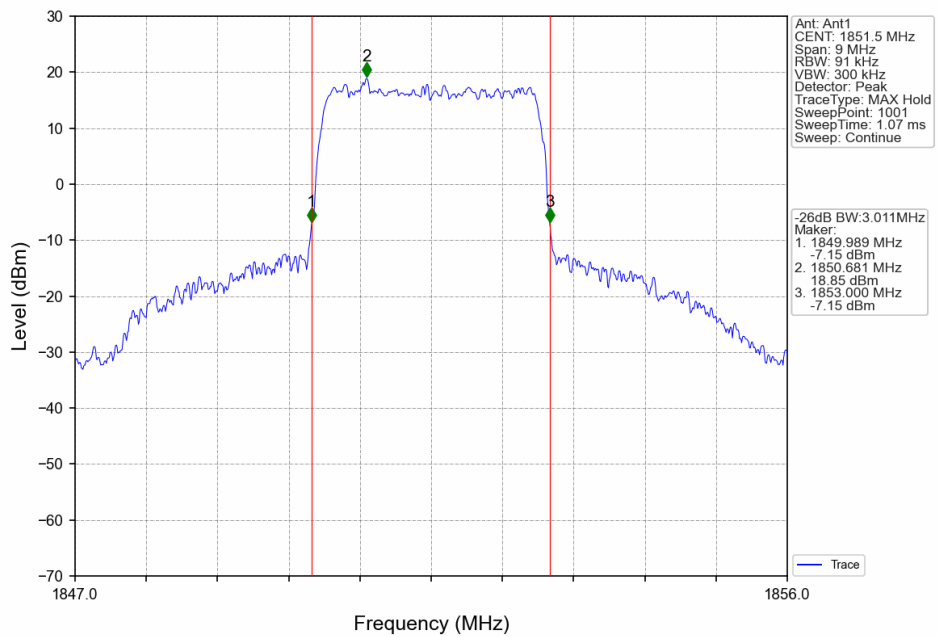
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



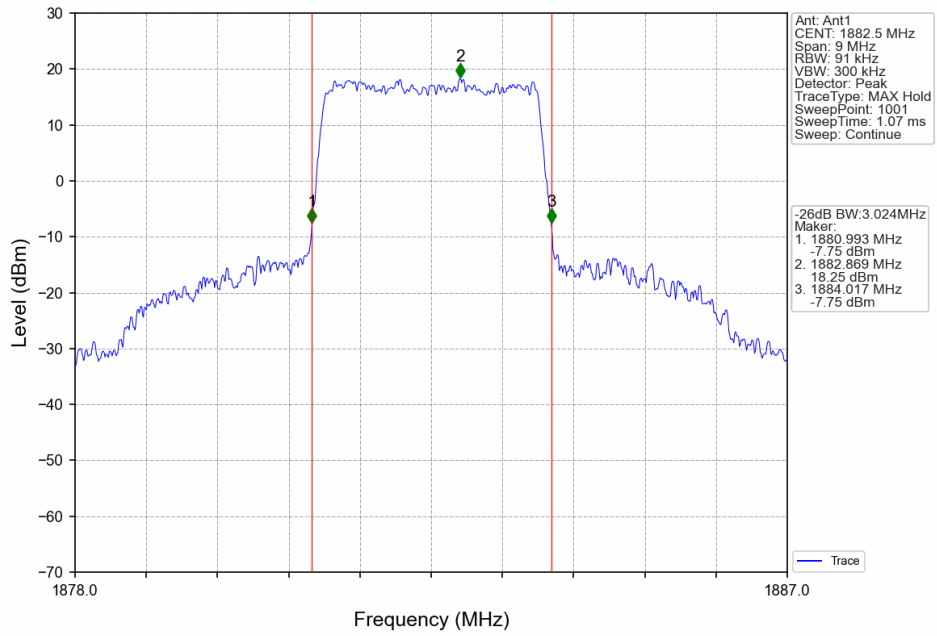
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



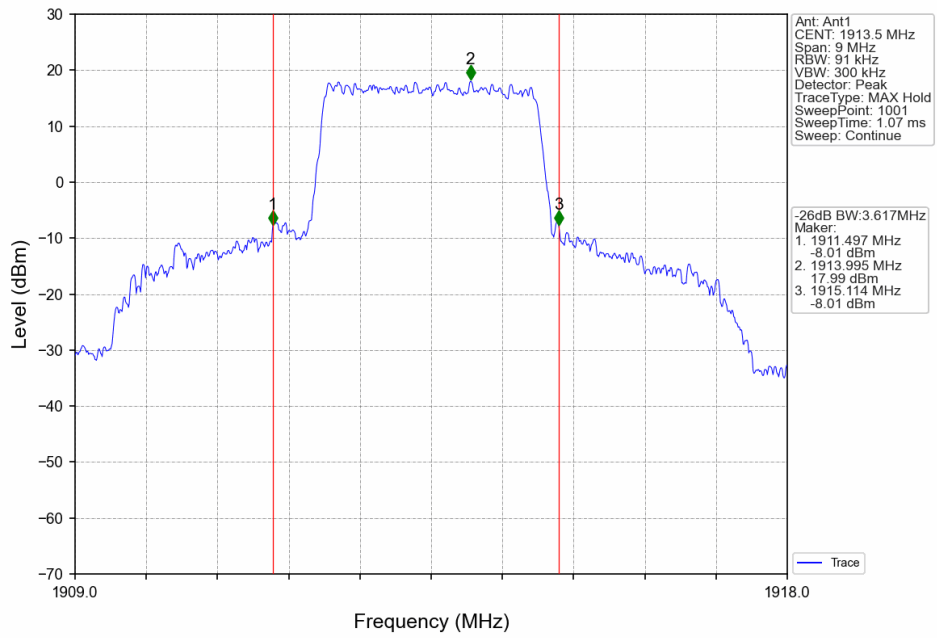
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



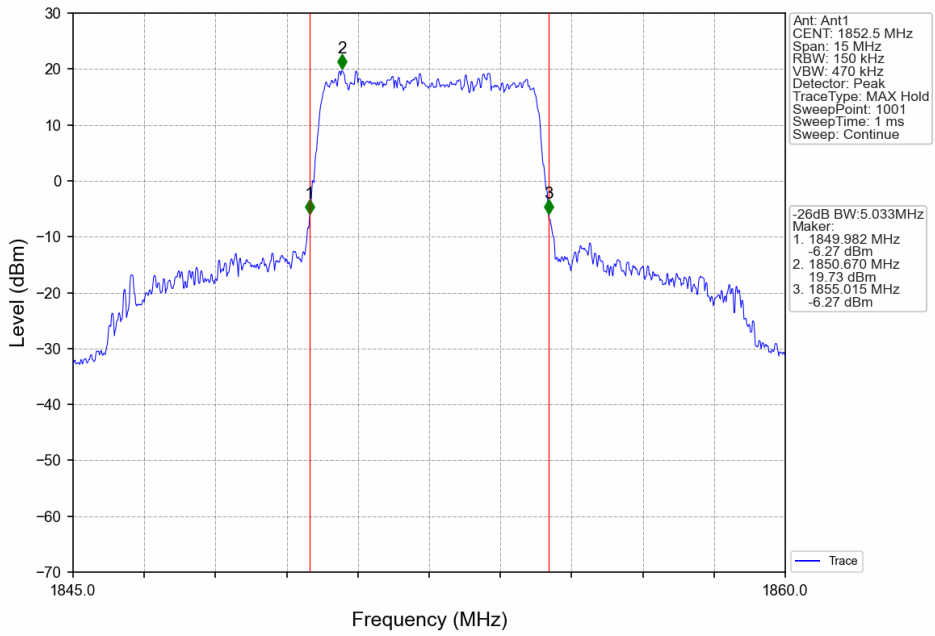
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



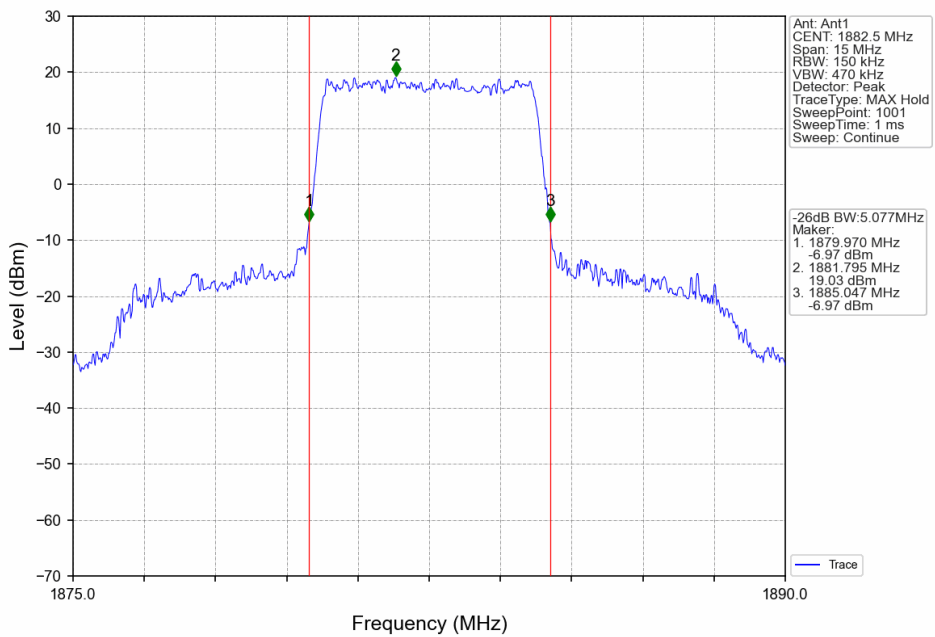
Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



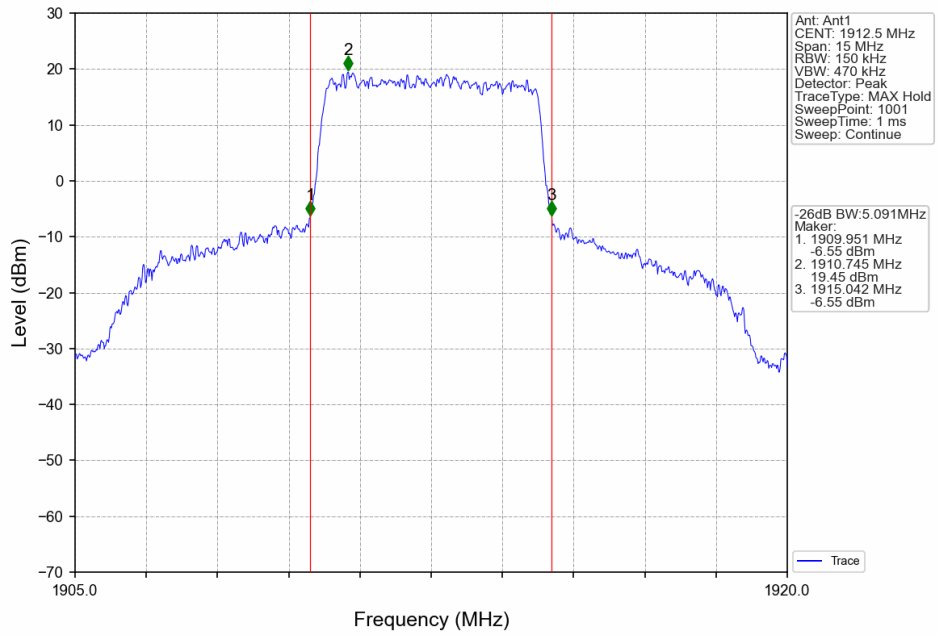
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



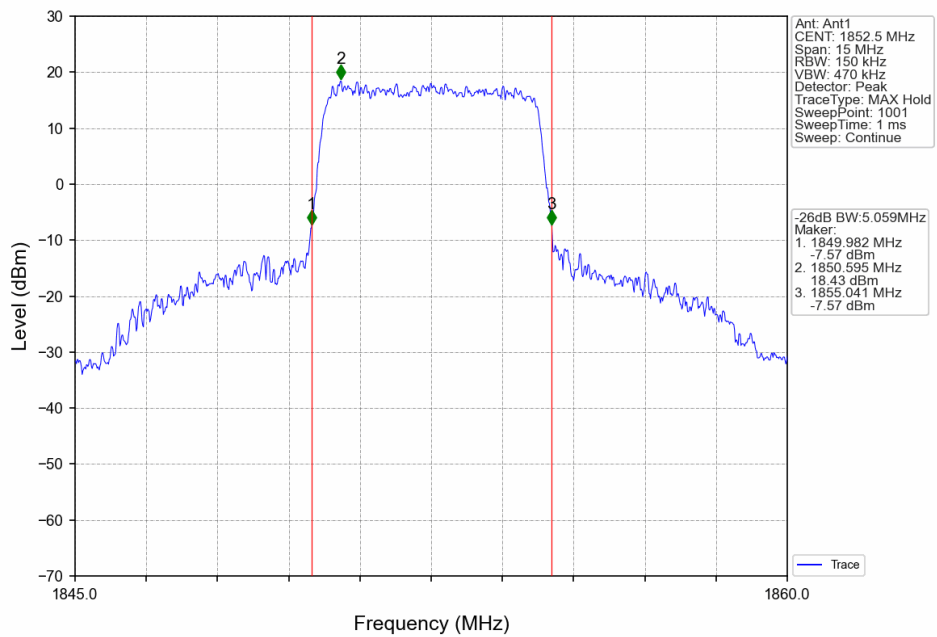
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



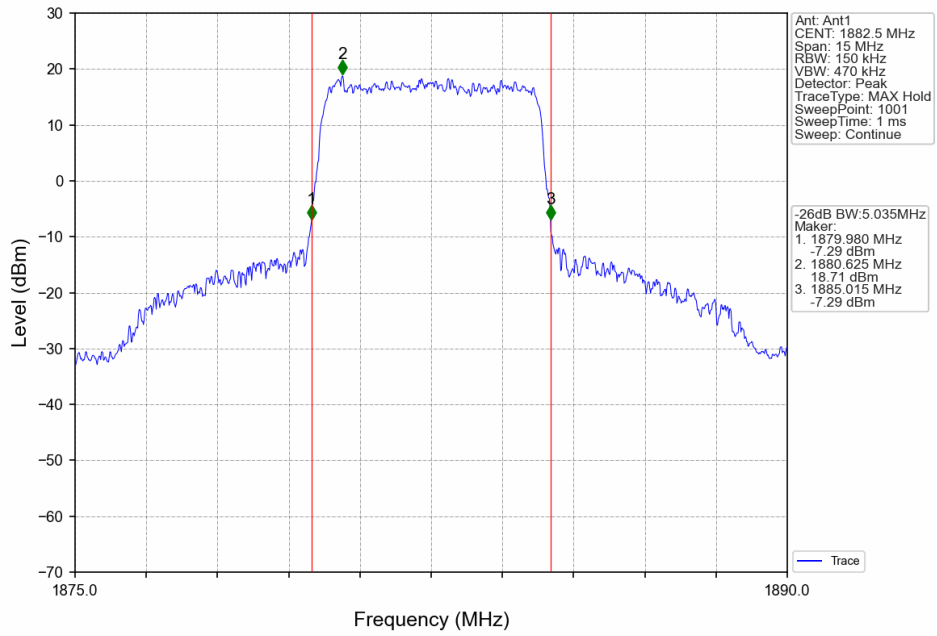
Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



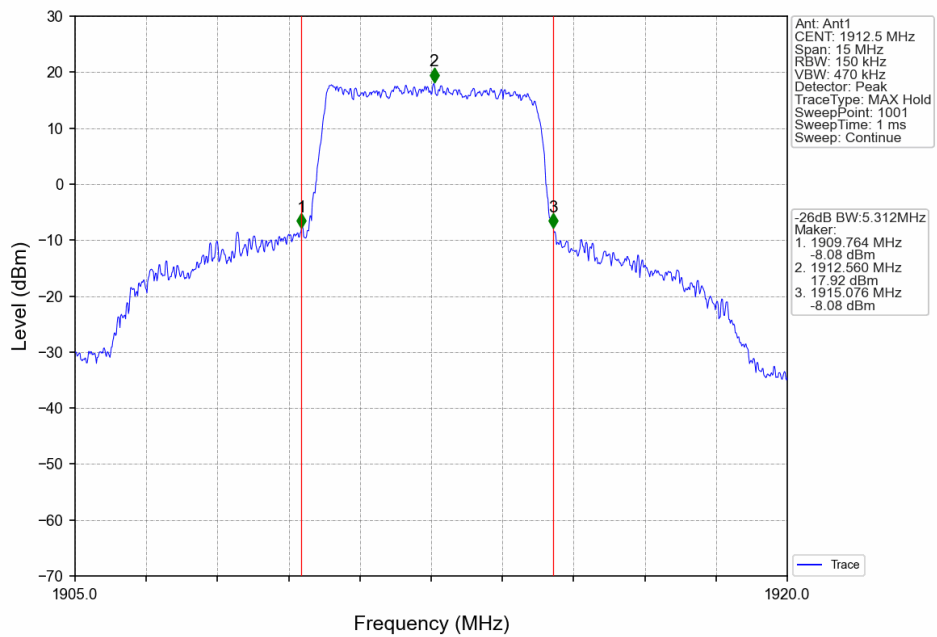
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



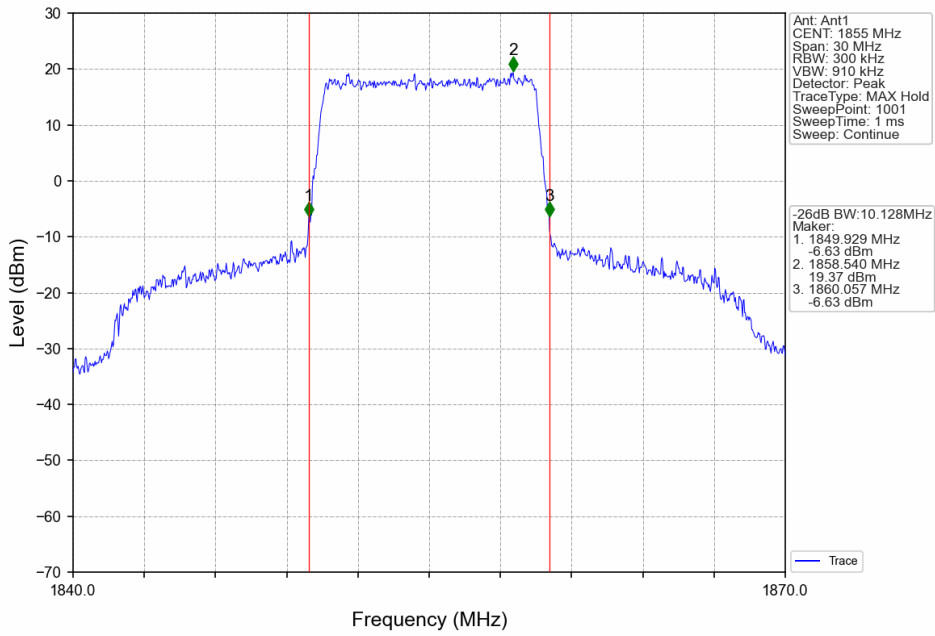
Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



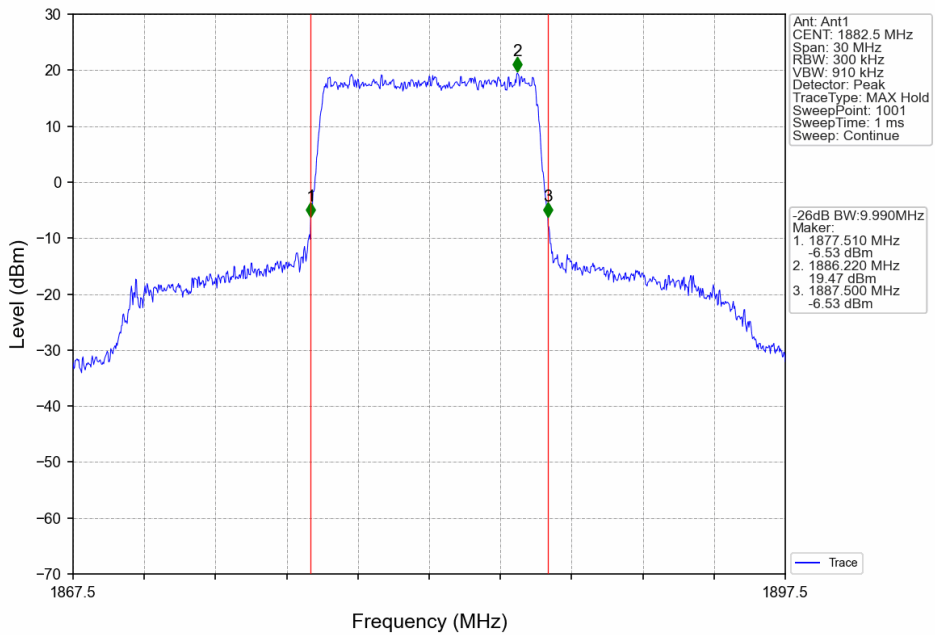
Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV

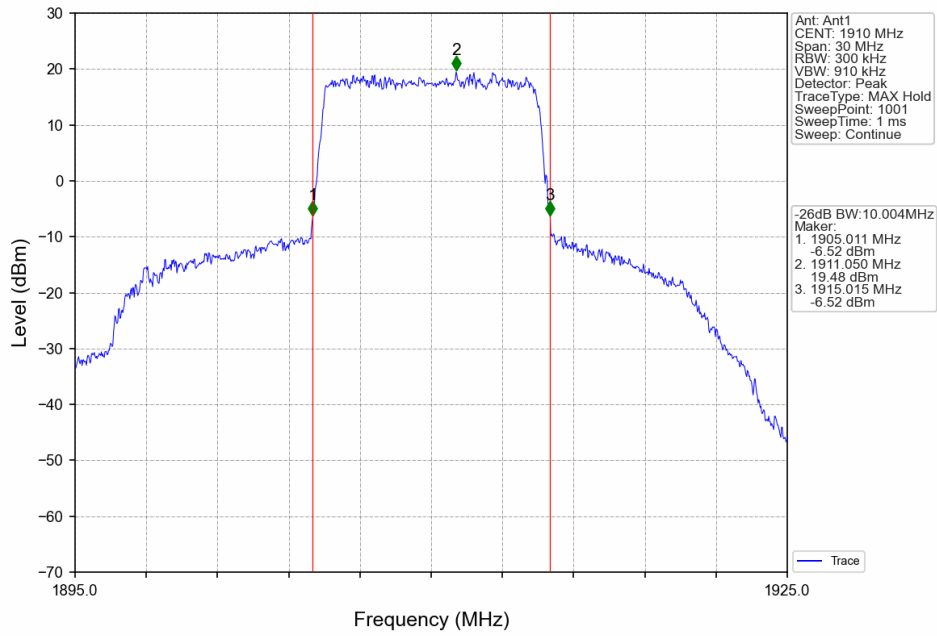


Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV

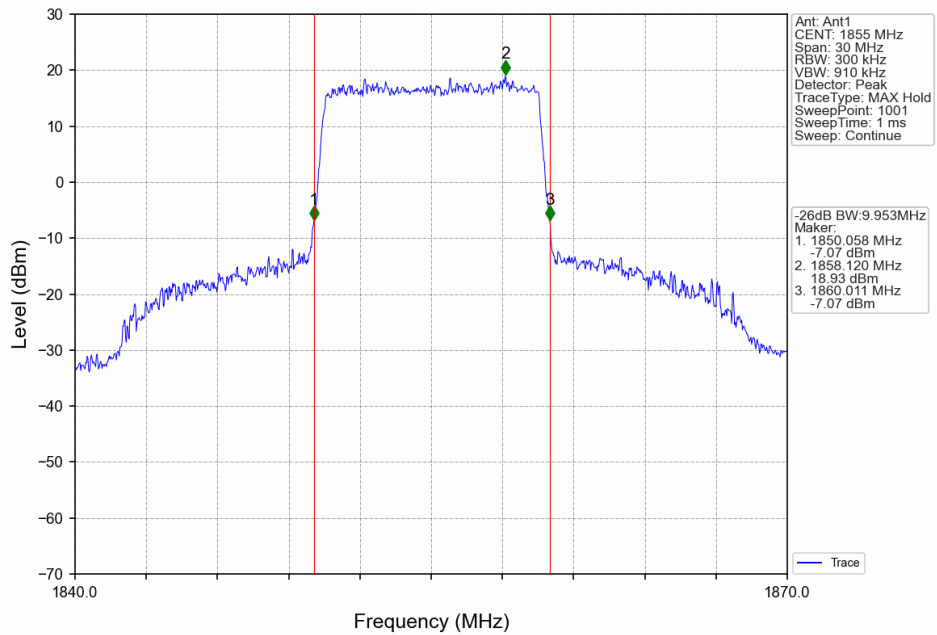




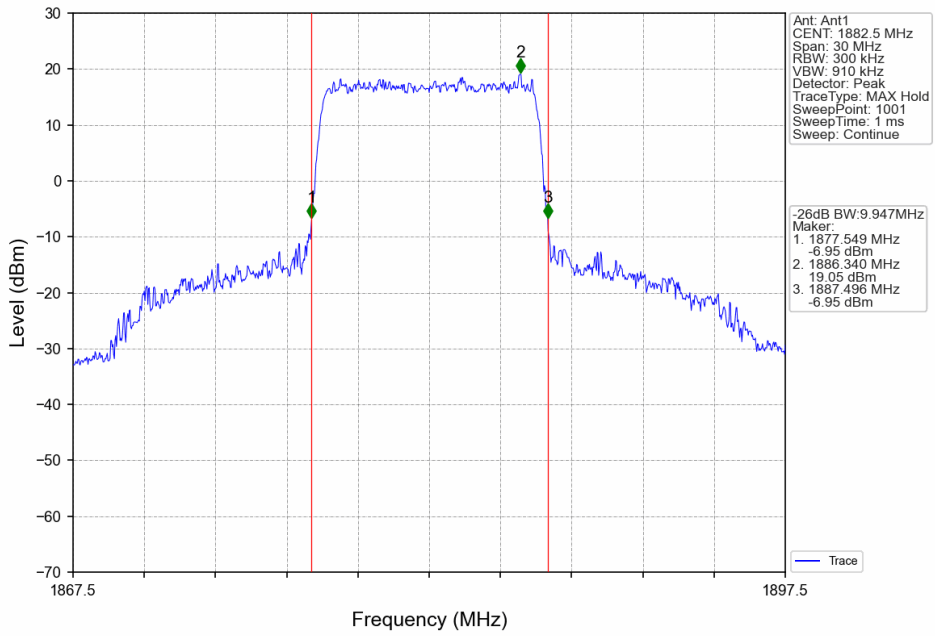
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTNV



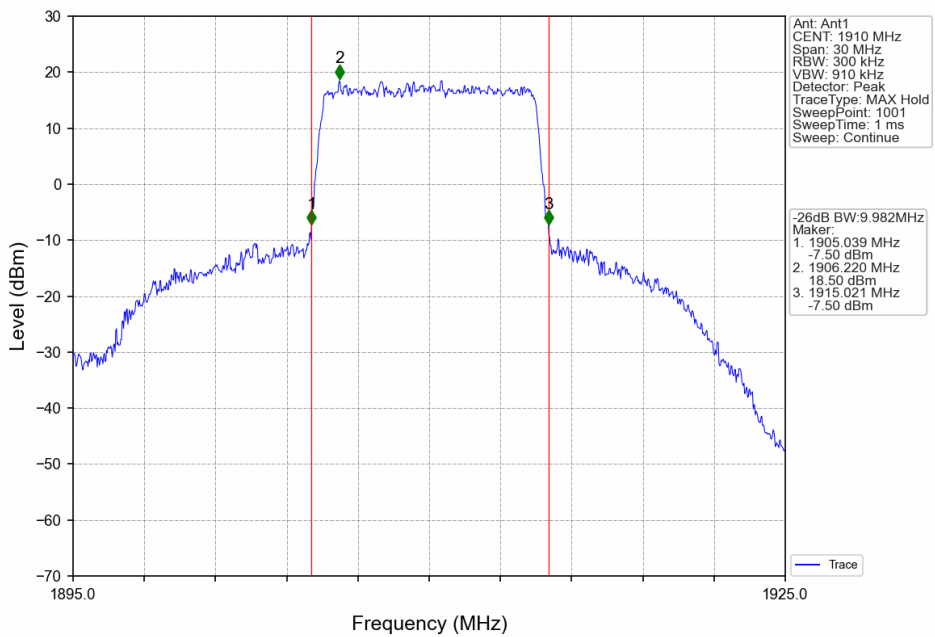
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



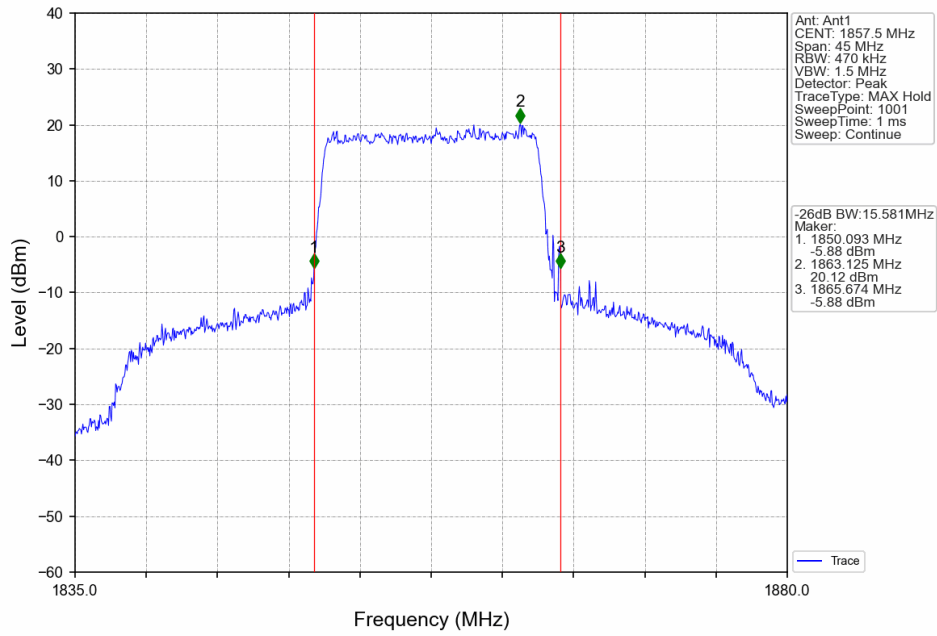
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



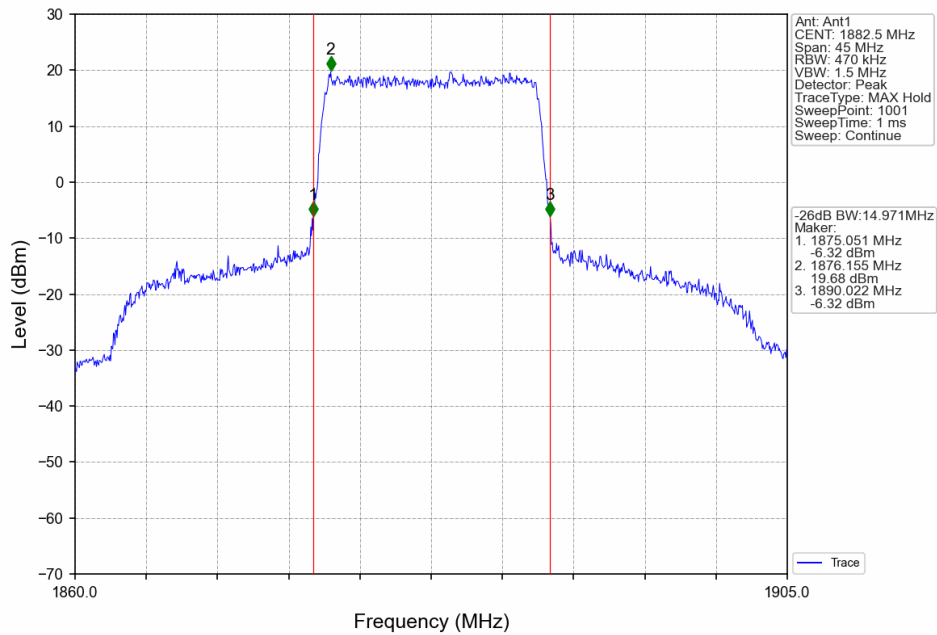
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_50\_0\_NTNV



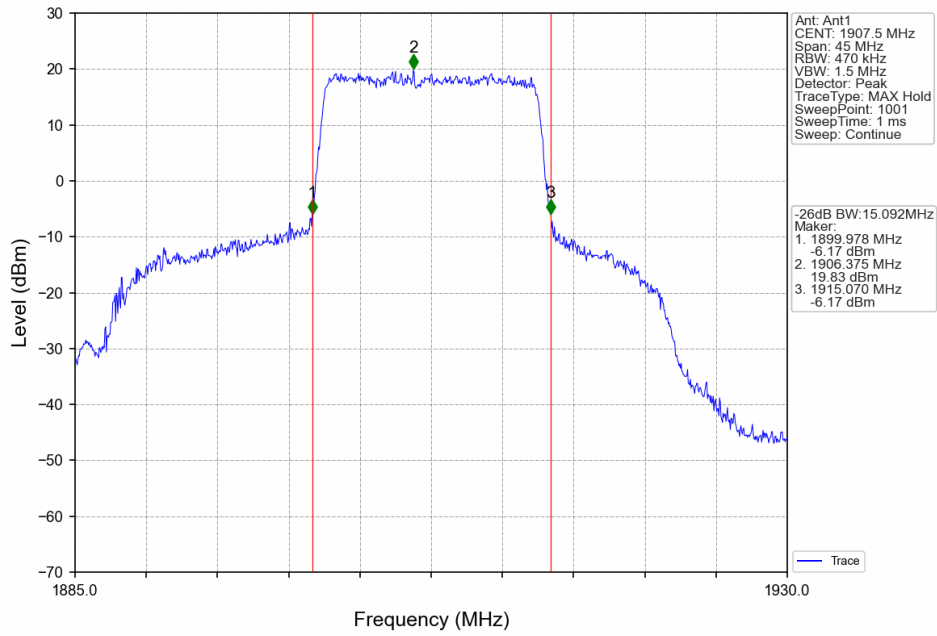
Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



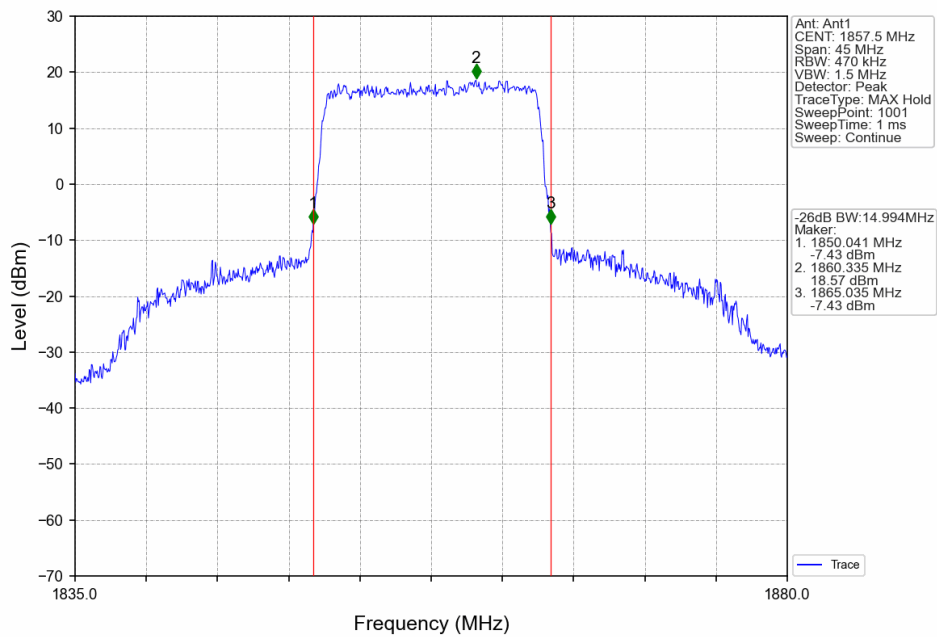
Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



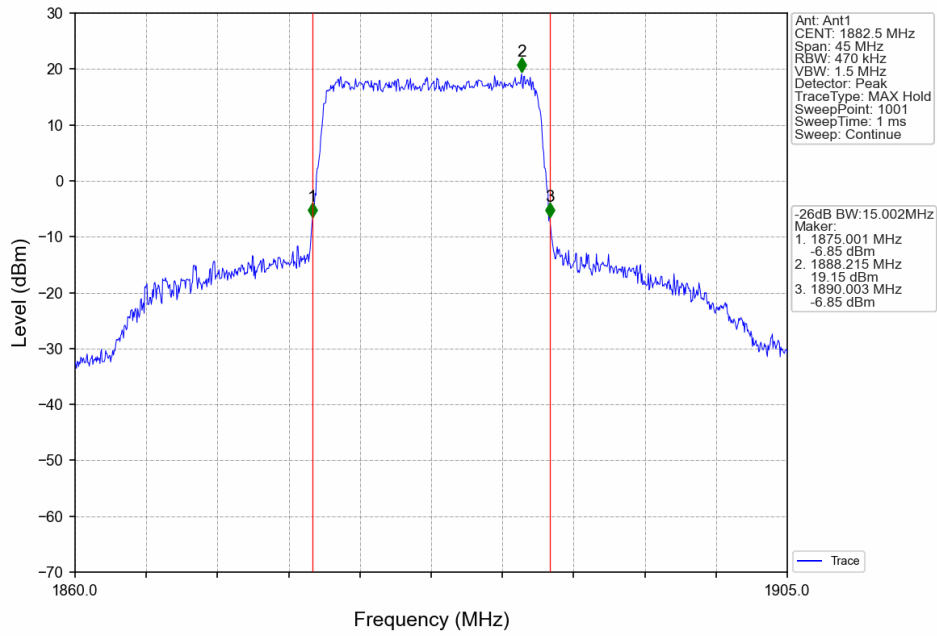
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



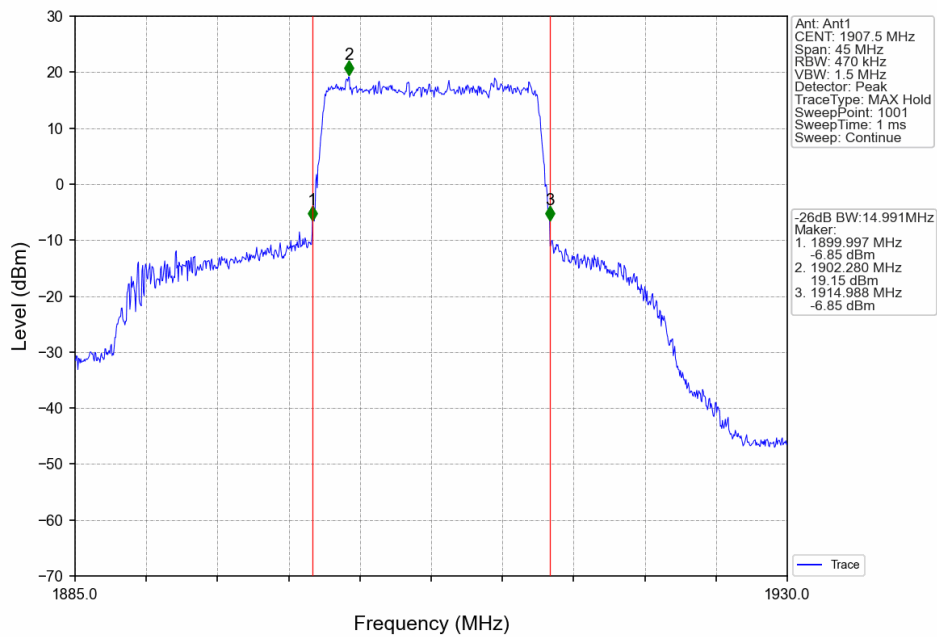
Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



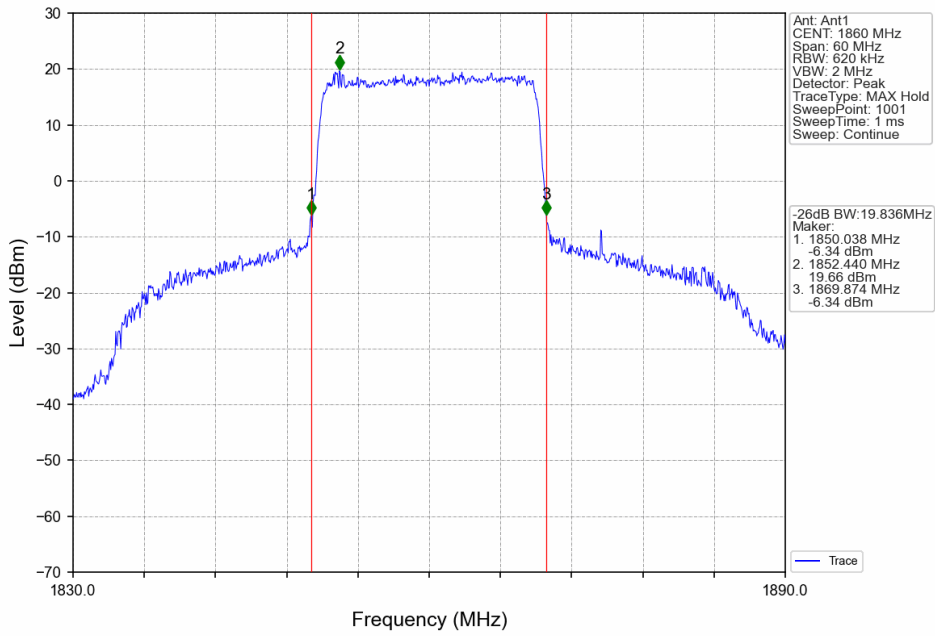
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



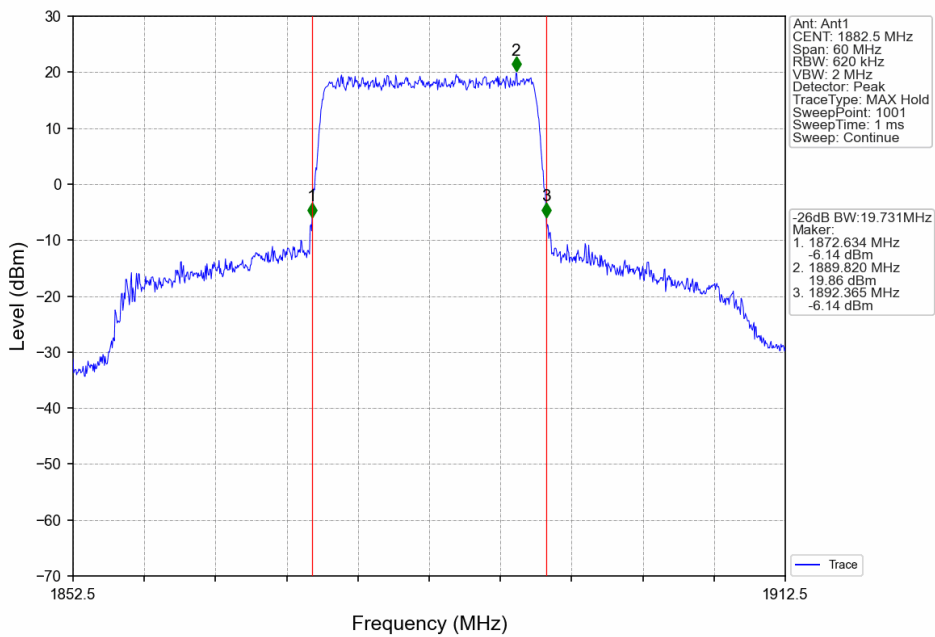
Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



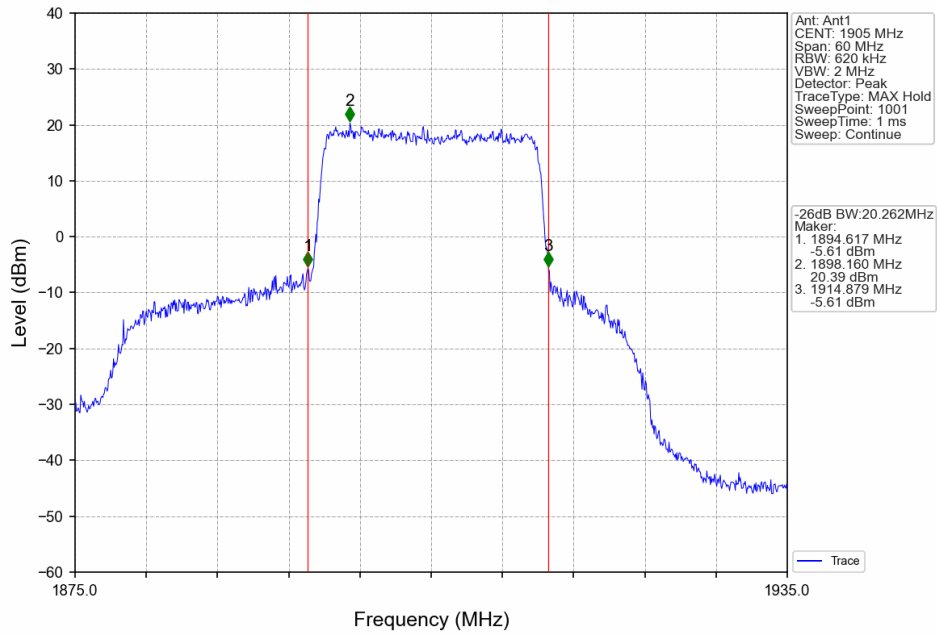
Band25\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



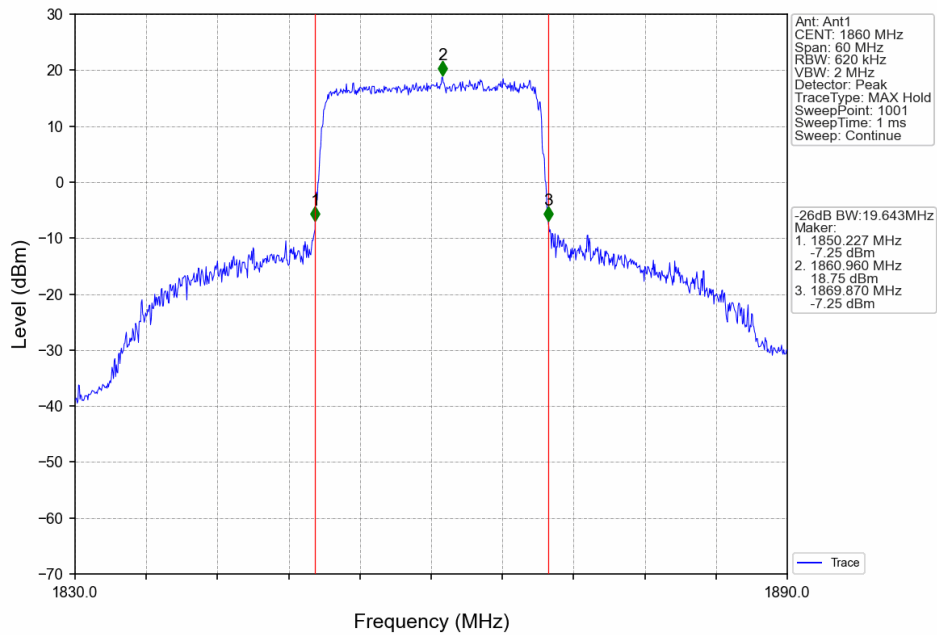
Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV



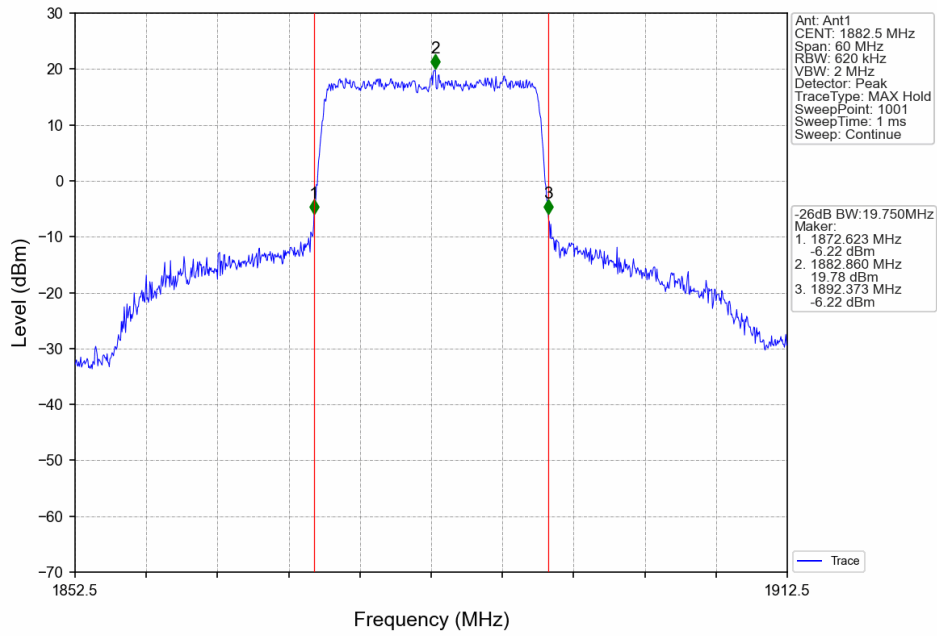
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV



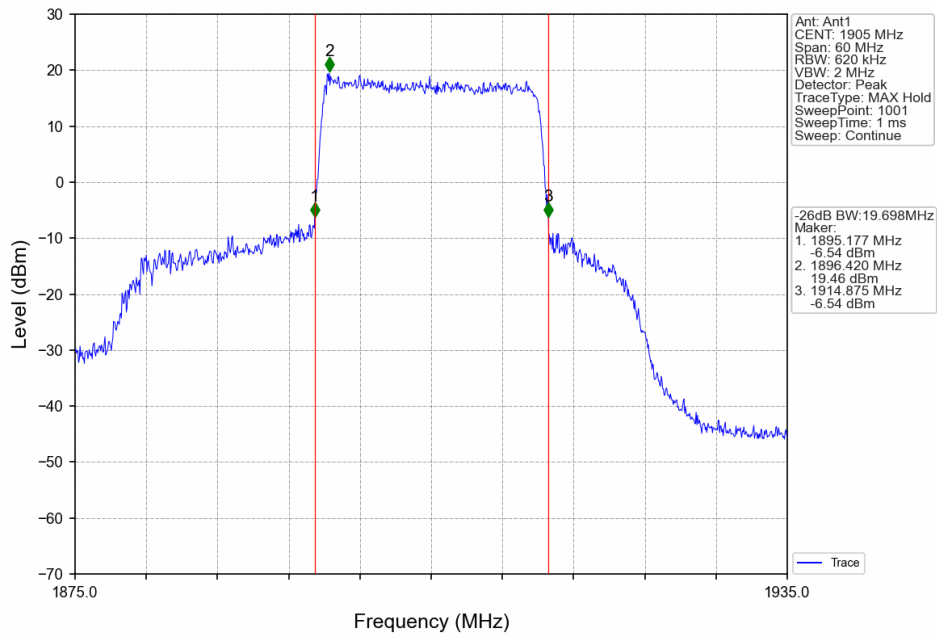
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



Band25\_20MHz\_16QAM\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV



Band25\_20MHz\_16QAM\_HCH\_1905MHz\_RB\_100\_0\_NTNV





## 5. Peak-Average Ratio

### 5.1 B25\_1.4MHz

#### 5.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.79	<=13	Pass
	1882.5	6	0	5.73	<=13	Pass
	1914.3	6	0	4.77	<=13	Pass
16QAM	1850.7	6	0	8.39	<=13	Pass
	1882.5	6	0	8.41	<=13	Pass
	1914.3	6	0	8.41	<=13	Pass