

# 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	22.13	0.18	22.31	<=33.01	Pass		
			2	22.23	0.18	22.41	<=33.01	Pass		
			5	22.11	0.18	22.29	<=33.01	Pass		
		3	0	22.30	0.18	22.48	<=33.01	Pass		
			2	22.28	0.18	22.46	<=33.01	Pass		
			3	22.28	0.18	22.46	<=33.01	Pass		
		6	0	21.19	0.18	21.37	<=33.01	Pass		
		1882.5	1	0	21.21	0.18	21.39	<=33.01	Pass	
				2	21.32	0.18	21.50	<=33.01	Pass	
	5			21.22	0.18	21.40	<=33.01	Pass		
	3		0	21.33	0.18	21.51	<=33.01	Pass		
			2	21.35	0.18	21.53	<=33.01	Pass		
			3	21.31	0.18	21.49	<=33.01	Pass		
	6		0	20.33	0.18	20.51	<=33.01	Pass		
	1914.3		1	0	21.81	0.18	21.99	<=33.01	Pass	
				2	21.92	0.18	22.10	<=33.01	Pass	
		5		21.83	0.18	22.01	<=33.01	Pass		
		3	0	21.95	0.18	22.13	<=33.01	Pass		
			2	21.96	0.18	22.14	<=33.01	Pass		
			3	21.94	0.18	22.12	<=33.01	Pass		
		6	0	20.92	0.18	21.10	<=33.01	Pass		
		16QAM	1850.7	1	0	21.16	0.18	21.34	<=33.01	Pass
					2	21.28	0.18	21.46	<=33.01	Pass
	5				21.20	0.18	21.38	<=33.01	Pass	
3	0			21.37	0.18	21.55	<=33.01	Pass		
	2			21.35	0.18	21.53	<=33.01	Pass		
	3			21.31	0.18	21.49	<=33.01	Pass		
6	0			20.18	0.18	20.36	<=33.01	Pass		
1882.5	1			0	20.42	0.18	20.60	<=33.01	Pass	
				2	20.54	0.18	20.72	<=33.01	Pass	
			5	20.45	0.18	20.63	<=33.01	Pass		
	3		0	20.39	0.18	20.57	<=33.01	Pass		
			2	20.39	0.18	20.57	<=33.01	Pass		
			3	20.39	0.18	20.57	<=33.01	Pass		
	6		0	19.36	0.18	19.54	<=33.01	Pass		
	1914.3		1	0	20.80	0.18	20.98	<=33.01	Pass	
				2	20.88	0.18	21.06	<=33.01	Pass	
5				20.82	0.18	21.00	<=33.01	Pass		
3			0	21.10	0.18	21.28	<=33.01	Pass		
			2	21.16	0.18	21.34	<=33.01	Pass		
			3	21.11	0.18	21.29	<=33.01	Pass		
6			0	19.93	0.18	20.11	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.2 B25\_3MHz\_EIRP

### 1.2.1 Test Result

Band: 25 / 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	22.30	0.18	22.48	<=33.01	Pass		
			7	22.38	0.18	22.56	<=33.01	Pass		
			14	22.19	0.18	22.37	<=33.01	Pass		
		8	0	21.28	0.18	21.46	<=33.01	Pass		
			4	21.27	0.18	21.45	<=33.01	Pass		
			7	21.22	0.18	21.40	<=33.01	Pass		
		15	0	21.24	0.18	21.42	<=33.01	Pass		
		1882.5	1	0	21.35	0.18	21.53	<=33.01	Pass	
				7	21.56	0.18	21.74	<=33.01	Pass	
	14			21.32	0.18	21.50	<=33.01	Pass		
	8		0	20.43	0.18	20.61	<=33.01	Pass		
			4	20.44	0.18	20.62	<=33.01	Pass		
			7	20.40	0.18	20.58	<=33.01	Pass		
	15		0	20.42	0.18	20.60	<=33.01	Pass		
	1913.5		1	0	21.47	0.18	21.65	<=33.01	Pass	
				7	21.66	0.18	21.84	<=33.01	Pass	
		14		21.53	0.18	21.71	<=33.01	Pass		
		8	0	20.51	0.18	20.69	<=33.01	Pass		
			4	20.57	0.18	20.75	<=33.01	Pass		
			7	20.59	0.18	20.77	<=33.01	Pass		
		15	0	20.55	0.18	20.73	<=33.01	Pass		
		16QAM	1851.5	1	0	21.30	0.18	21.48	<=33.01	Pass
					7	21.43	0.18	21.61	<=33.01	Pass
	14				21.20	0.18	21.38	<=33.01	Pass	
	8			0	20.37	0.18	20.55	<=33.01	Pass	
				4	20.38	0.18	20.56	<=33.01	Pass	
				7	20.33	0.18	20.51	<=33.01	Pass	
15	0			20.34	0.18	20.52	<=33.01	Pass		
1882.5	1			0	20.53	0.18	20.71	<=33.01	Pass	
				7	20.60	0.18	20.78	<=33.01	Pass	
			14	20.12	0.18	20.30	<=33.01	Pass		
	8		0	18.91	0.18	19.09	<=33.01	Pass		
			4	18.93	0.18	19.11	<=33.01	Pass		
			7	18.87	0.18	19.05	<=33.01	Pass		
	15		0	18.90	0.18	19.08	<=33.01	Pass		
	1913.5		1	0	21.05	0.18	21.23	<=33.01	Pass	
				7	21.20	0.18	21.38	<=33.01	Pass	
14				21.01	0.18	21.19	<=33.01	Pass		
8			0	19.69	0.18	19.87	<=33.01	Pass		
			4	19.75	0.18	19.93	<=33.01	Pass		
			7	19.73	0.18	19.91	<=33.01	Pass		
15			0	19.64	0.18	19.82	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

### 1.3 B25\_5MHz\_EIRP

#### 1.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTN
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1852.5	1	0	21.69	0.18	21.87	<=33.01	Pass		
			13	21.80	0.18	21.98	<=33.01	Pass		
			24	21.55	0.18	21.73	<=33.01	Pass		
		12	0	20.78	0.18	20.96	<=33.01	Pass		
			6	20.80	0.18	20.98	<=33.01	Pass		
			13	20.65	0.18	20.83	<=33.01	Pass		
		25	0	20.76	0.18	20.94	<=33.01	Pass		
		1882.5	1	0	20.81	0.18	20.99	<=33.01	Pass	
				13	20.93	0.18	21.11	<=33.01	Pass	
	24			20.87	0.18	21.05	<=33.01	Pass		
	12		0	19.89	0.18	20.07	<=33.01	Pass		
			6	19.95	0.18	20.13	<=33.01	Pass		
			13	19.90	0.18	20.08	<=33.01	Pass		
	25		0	19.93	0.18	20.11	<=33.01	Pass		
	1912.5		1	0	21.34	0.18	21.52	<=33.01	Pass	
				13	21.53	0.18	21.71	<=33.01	Pass	
		24		21.46	0.18	21.64	<=33.01	Pass		
		12	0	20.47	0.18	20.65	<=33.01	Pass		
			6	20.56	0.18	20.74	<=33.01	Pass		
			13	20.55	0.18	20.73	<=33.01	Pass		
		25	0	20.52	0.18	20.70	<=33.01	Pass		
		16QAM	1852.5	1	0	20.85	0.18	21.03	<=33.01	Pass
					13	20.91	0.18	21.09	<=33.01	Pass
	24				20.68	0.18	20.86	<=33.01	Pass	
12	0			19.83	0.18	20.01	<=33.01	Pass		
	6			19.82	0.18	20.00	<=33.01	Pass		
	13			19.67	0.18	19.85	<=33.01	Pass		
25	0			19.81	0.18	19.99	<=33.01	Pass		
1882.5	1			0	20.09	0.18	20.27	<=33.01	Pass	
				13	20.28	0.18	20.46	<=33.01	Pass	
			24	20.13	0.18	20.31	<=33.01	Pass		
	12		0	18.94	0.18	19.12	<=33.01	Pass		
			6	19.04	0.18	19.22	<=33.01	Pass		
			13	18.94	0.18	19.12	<=33.01	Pass		
	25		0	18.89	0.18	19.07	<=33.01	Pass		
	1912.5		1	0	20.25	0.18	20.43	<=33.01	Pass	
				13	20.40	0.18	20.58	<=33.01	Pass	
24				20.28	0.18	20.46	<=33.01	Pass		
12			0	19.54	0.18	19.72	<=33.01	Pass		
			6	19.59	0.18	19.77	<=33.01	Pass		
			13	19.56	0.18	19.74	<=33.01	Pass		
25			0	19.55	0.18	19.73	<=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	21.77	0.18	21.95	<=33.01	Pass
			25	21.76	0.18	21.94	<=33.01	Pass

		25	49	21.47	0.18	21.65	<=33.01	Pass	
			0	20.81	0.18	20.99	<=33.01	Pass	
			13	20.70	0.18	20.88	<=33.01	Pass	
			25	20.59	0.18	20.77	<=33.01	Pass	
		50	0	20.74	0.18	20.92	<=33.01	Pass	
			1	0	20.88	0.18	21.06	<=33.01	Pass
				25	21.03	0.18	21.21	<=33.01	Pass
		49		20.90	0.18	21.08	<=33.01	Pass	
		1882.5	25	0	19.93	0.18	20.11	<=33.01	Pass
	13			19.95	0.18	20.13	<=33.01	Pass	
	25			19.88	0.18	20.06	<=33.01	Pass	
	50		0	19.95	0.18	20.13	<=33.01	Pass	
			1	0	21.22	0.18	21.40	<=33.01	Pass
				25	21.54	0.18	21.72	<=33.01	Pass
	49	21.52		0.18	21.70	<=33.01	Pass		
	1910	25	0	20.52	0.18	20.70	<=33.01	Pass	
			13	20.50	0.18	20.68	<=33.01	Pass	
			25	20.52	0.18	20.70	<=33.01	Pass	
		50	0	20.53	0.18	20.71	<=33.01	Pass	
			1	0	20.80	0.18	20.98	<=33.01	Pass
				25	20.79	0.18	20.97	<=33.01	Pass
	49	20.53		0.18	20.71	<=33.01	Pass		
	16QAM	1855	25	0	19.89	0.18	20.07	<=33.01	Pass
				13	19.78	0.18	19.96	<=33.01	Pass
				25	19.72	0.18	19.90	<=33.01	Pass
			50	0	19.78	0.18	19.96	<=33.01	Pass
				1	0	20.08	0.18	20.26	<=33.01
25					20.24	0.18	20.42	<=33.01	Pass
49			20.08		0.18	20.26	<=33.01	Pass	
1882.5			25	0	18.93	0.18	19.11	<=33.01	Pass
				13	18.97	0.18	19.15	<=33.01	Pass
		25		18.92	0.18	19.10	<=33.01	Pass	
		50	0	18.92	0.18	19.10	<=33.01	Pass	
			1	0	20.83	0.18	21.01	<=33.01	Pass
				25	21.15	0.18	21.33	<=33.01	Pass
49		21.08		0.18	21.26	<=33.01	Pass		
1910		25	0	19.55	0.18	19.73	<=33.01	Pass	
			13	19.56	0.18	19.74	<=33.01	Pass	
			25	19.60	0.18	19.78	<=33.01	Pass	
		50	0	19.59	0.18	19.77	<=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	21.68	0.18	21.86	<=33.01	Pass
			38	21.55	0.18	21.73	<=33.01	Pass
			74	21.17	0.18	21.35	<=33.01	Pass
		36	0	20.75	0.18	20.93	<=33.01	Pass
			18	20.62	0.18	20.80	<=33.01	Pass
			39	20.50	0.18	20.68	<=33.01	Pass

	1882.5	75	0	20.64	0.18	20.82	<=33.01	Pass		
			1	0	20.87	0.18	21.05	<=33.01	Pass	
				38	20.94	0.18	21.12	<=33.01	Pass	
		74		20.81	0.18	20.99	<=33.01	Pass		
		36	0	19.98	0.18	20.16	<=33.01	Pass		
			18	19.98	0.18	20.16	<=33.01	Pass		
			39	19.95	0.18	20.13	<=33.01	Pass		
		75	0	19.99	0.18	20.17	<=33.01	Pass		
		1907.5	1	0	21.05	0.18	21.23	<=33.01	Pass	
	38			21.32	0.18	21.50	<=33.01	Pass		
	74			21.43	0.18	21.61	<=33.01	Pass		
	36		0	20.31	0.18	20.49	<=33.01	Pass		
			18	20.46	0.18	20.64	<=33.01	Pass		
			39	20.50	0.18	20.68	<=33.01	Pass		
	75		0	20.46	0.18	20.64	<=33.01	Pass		
	16QAM		1857.5	1	0	21.07	0.18	21.25	<=33.01	Pass
					38	20.99	0.18	21.17	<=33.01	Pass
		74			20.64	0.18	20.82	<=33.01	Pass	
36		0		19.75	0.18	19.93	<=33.01	Pass		
		18		19.64	0.18	19.82	<=33.01	Pass		
		39		19.52	0.18	19.70	<=33.01	Pass		
75		0		19.62	0.18	19.80	<=33.01	Pass		
1882.5		1		0	20.04	0.18	20.22	<=33.01	Pass	
				38	20.15	0.18	20.33	<=33.01	Pass	
			74	20.06	0.18	20.24	<=33.01	Pass		
		36	0	18.99	0.18	19.17	<=33.01	Pass		
			18	19.00	0.18	19.18	<=33.01	Pass		
			39	18.94	0.18	19.12	<=33.01	Pass		
		75	0	18.95	0.18	19.13	<=33.01	Pass		
		1907.5	1	0	20.54	0.18	20.72	<=33.01	Pass	
				38	20.94	0.18	21.12	<=33.01	Pass	
74				20.99	0.18	21.17	<=33.01	Pass		
36			0	19.34	0.18	19.52	<=33.01	Pass		
	18		19.49	0.18	19.67	<=33.01	Pass			
	39		19.57	0.18	19.75	<=33.01	Pass			
75	0		19.47	0.18	19.65	<=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 (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	21.49	0.18	21.67	<=33.01	Pass
			50	21.59	0.18	21.77	<=33.01	Pass
			99	20.87	0.18	21.05	<=33.01	Pass
		50	0	20.81	0.18	20.99	<=33.01	Pass
			25	20.58	0.18	20.76	<=33.01	Pass
			50	20.41	0.18	20.59	<=33.01	Pass
	100	0	20.59	0.18	20.77	<=33.01	Pass	
	1882.5	1	0	20.75	0.18	20.93	<=33.01	Pass
			50	21.09	0.18	21.27	<=33.01	Pass
			99	20.73	0.18	20.91	<=33.01	Pass

	1905	50	0	19.95	0.18	20.13	<=33.01	Pass		
			25	19.98	0.18	20.16	<=33.01	Pass		
			50	19.91	0.18	20.09	<=33.01	Pass		
		100	0	19.93	0.18	20.11	<=33.01	Pass		
			1	0	20.77	0.18	20.95	<=33.01	Pass	
				50	21.43	0.18	21.61	<=33.01	Pass	
	99	21.32		0.18	21.50	<=33.01	Pass			
	1905	50	0	20.13	0.18	20.31	<=33.01	Pass		
			25	20.33	0.18	20.51	<=33.01	Pass		
			50	20.38	0.18	20.56	<=33.01	Pass		
		100	0	20.28	0.18	20.46	<=33.01	Pass		
			1860	1	0	21.12	0.18	21.30	<=33.01	Pass
					50	21.16	0.18	21.34	<=33.01	Pass
	99	20.44			0.18	20.62	<=33.01	Pass		
	16QAM	1860	50	0	19.79	0.18	19.97	<=33.01	Pass	
25				19.56	0.18	19.74	<=33.01	Pass		
50				19.42	0.18	19.60	<=33.01	Pass		
100			0	19.61	0.18	19.79	<=33.01	Pass		
			1882.5	1	0	19.99	0.18	20.17	<=33.01	Pass
					50	20.31	0.18	20.49	<=33.01	Pass
99		20.00			0.18	20.18	<=33.01	Pass		
1882.5		50	0	18.96	0.18	19.14	<=33.01	Pass		
			25	18.98	0.18	19.16	<=33.01	Pass		
			50	18.91	0.18	19.09	<=33.01	Pass		
		100	0	18.97	0.18	19.15	<=33.01	Pass		
			1905	1	0	20.05	0.18	20.23	<=33.01	Pass
					50	20.73	0.18	20.91	<=33.01	Pass
99		20.61			0.18	20.79	<=33.01	Pass		
50		0		19.12	0.18	19.30	<=33.01	Pass		
	25	19.33		0.18	19.51	<=33.01	Pass			
	50	19.39		0.18	19.57	<=33.01	Pass			
100	0	19.29	0.18	19.47	<=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										
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	3.276	0.0018	-2.5 to 2.5	Pass	
					3.85	-13.947	-0.0075	-2.5 to 2.5	Pass	
					4.43	-14.648	-0.0079	-2.5 to 2.5	Pass	
				-30	3.85	-2.446	-0.0013	-2.5 to 2.5	Pass	
					-20	3.85	0.830	0.0004	-2.5 to 2.5	Pass
						3.85	-9.527	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-12.259	-0.0066	-2.5 to 2.5	Pass	
					10	3.85	0.987	0.0005	-2.5 to 2.5	Pass
						3.85	-12.360	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-7.210	-0.0039	-2.5 to 2.5	Pass	
					50	3.85	-10.643	-0.0058	-2.5 to 2.5	Pass

	1882.5	6	0	20	3.27	-0.758	-0.0004	-2.5 to 2.5	Pass			
					3.85	-11.401	-0.0061	-2.5 to 2.5	Pass			
					4.43	-15.993	-0.0085	-2.5 to 2.5	Pass			
				-30	3.85	-12.975	-0.0069	-2.5 to 2.5	Pass			
				-20	3.85	-6.437	-0.0034	-2.5 to 2.5	Pass			
				-10	3.85	-2.317	-0.0012	-2.5 to 2.5	Pass			
				0	3.85	-7.968	-0.0042	-2.5 to 2.5	Pass			
				10	3.85	-9.198	-0.0049	-2.5 to 2.5	Pass			
				30	3.85	7.296	0.0039	-2.5 to 2.5	Pass			
	40	3.85	-6.781	-0.0036	-2.5 to 2.5	Pass						
	50	3.85	-19.369	-0.0103	-2.5 to 2.5	Pass						
	1914.3	6	0	20	3.27	-17.209	-0.0090	-2.5 to 2.5	Pass			
					3.85	-6.666	-0.0035	-2.5 to 2.5	Pass			
					4.43	-10.858	-0.0057	-2.5 to 2.5	Pass			
				-30	3.85	-13.247	-0.0069	-2.5 to 2.5	Pass			
				-20	3.85	5.994	0.0031	-2.5 to 2.5	Pass			
				-10	3.85	-12.703	-0.0066	-2.5 to 2.5	Pass			
				0	3.85	-3.433	-0.0018	-2.5 to 2.5	Pass			
10				3.85	-7.782	-0.0041	-2.5 to 2.5	Pass				
30				3.85	-6.638	-0.0035	-2.5 to 2.5	Pass				
40	3.85	7.854	0.0041	-2.5 to 2.5	Pass							
50	3.85	-2.561	-0.0013	-2.5 to 2.5	Pass							
16QAM	1850.7	6	0	20	3.27	-16.122	-0.0087	-2.5 to 2.5	Pass			
					3.85	-10.514	-0.0057	-2.5 to 2.5	Pass			
					4.43	-10.314	-0.0056	-2.5 to 2.5	Pass			
				-30	3.85	-8.183	-0.0044	-2.5 to 2.5	Pass			
				-20	3.85	-12.760	-0.0069	-2.5 to 2.5	Pass			
				-10	3.85	-13.919	-0.0075	-2.5 to 2.5	Pass			
				0	3.85	-12.474	-0.0067	-2.5 to 2.5	Pass			
				10	3.85	-12.918	-0.0070	-2.5 to 2.5	Pass			
				30	3.85	-3.304	-0.0018	-2.5 to 2.5	Pass			
				40	3.85	-6.180	-0.0033	-2.5 to 2.5	Pass			
				50	3.85	-3.104	-0.0017	-2.5 to 2.5	Pass			
				1882.5	6	0	20	3.27	-17.295	-0.0092	-2.5 to 2.5	Pass
								3.85	-9.370	-0.0050	-2.5 to 2.5	Pass
								4.43	-17.753	-0.0094	-2.5 to 2.5	Pass
							-30	3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
							-20	3.85	-13.905	-0.0074	-2.5 to 2.5	Pass
							-10	3.85	1.602	0.0009	-2.5 to 2.5	Pass
							0	3.85	-3.033	-0.0016	-2.5 to 2.5	Pass
	10	3.85	0.601				0.0003	-2.5 to 2.5	Pass			
	30	3.85	-5.879				-0.0031	-2.5 to 2.5	Pass			
	40	3.85	0.615	0.0003	-2.5 to 2.5	Pass						
	50	3.85	-11.730	-0.0062	-2.5 to 2.5	Pass						
	1914.3	6	0	20	3.27	1.960	0.0010	-2.5 to 2.5	Pass			
					3.85	4.578	0.0024	-2.5 to 2.5	Pass			
					4.43	-9.885	-0.0052	-2.5 to 2.5	Pass			
				-30	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass			
				-20	3.85	6.294	0.0033	-2.5 to 2.5	Pass			
				-10	3.85	-14.462	-0.0076	-2.5 to 2.5	Pass			
				0	3.85	3.734	0.0020	-2.5 to 2.5	Pass			
				10	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass			
				30	3.85	-11.244	-0.0059	-2.5 to 2.5	Pass			
	40	3.85	-1.373	-0.0007	-2.5 to 2.5	Pass						
	50	3.85	2.961	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	-13.461	-0.0073	-2.5 to 2.5	Pass
					3.85	-14.820	-0.0080	-2.5 to 2.5	Pass
					4.43	-11.072	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-13.218	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-7.539	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-10.486	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-8.912	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-15.821	-0.0085	-2.5 to 2.5	Pass
				40	3.85	-16.065	-0.0087	-2.5 to 2.5	Pass
	50	3.85	-13.304	-0.0072	-2.5 to 2.5	Pass			
	1882.5	15	0	20	3.27	-13.161	-0.0070	-2.5 to 2.5	Pass
					3.85	-5.279	-0.0028	-2.5 to 2.5	Pass
					4.43	2.933	0.0016	-2.5 to 2.5	Pass
				-30	3.85	-5.794	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	2.174	0.0012	-2.5 to 2.5	Pass
				-10	3.85	-16.065	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-10.571	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-12.846	-0.0068	-2.5 to 2.5	Pass
				30	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				40	3.85	-3.090	-0.0016	-2.5 to 2.5	Pass
	50	3.85	-11.630	-0.0062	-2.5 to 2.5	Pass			
	1913.5	15	0	20	3.27	7.210	0.0038	-2.5 to 2.5	Pass
					3.85	4.649	0.0024	-2.5 to 2.5	Pass
					4.43	3.147	0.0016	-2.5 to 2.5	Pass
				-30	3.85	-8.755	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-4.792	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-8.955	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-1.588	-0.0008	-2.5 to 2.5	Pass
30				3.85	-7.825	-0.0041	-2.5 to 2.5	Pass	
40				3.85	1.030	0.0005	-2.5 to 2.5	Pass	
50	3.85	4.120	0.0022	-2.5 to 2.5	Pass				
16QAM	1851.5	15	0	20	3.27	-13.719	-0.0074	-2.5 to 2.5	Pass
					3.85	-5.794	-0.0031	-2.5 to 2.5	Pass
					4.43	1.502	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-3.891	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-15.750	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-14.405	-0.0078	-2.5 to 2.5	Pass
				0	3.85	6.037	0.0033	-2.5 to 2.5	Pass
				10	3.85	-17.309	-0.0093	-2.5 to 2.5	Pass
				30	3.85	3.004	0.0016	-2.5 to 2.5	Pass
				40	3.85	-4.921	-0.0027	-2.5 to 2.5	Pass
	50	3.85	-5.693	-0.0031	-2.5 to 2.5	Pass			
	1882.5	15	0	20	3.27	-11.129	-0.0059	-2.5 to 2.5	Pass
					3.85	-4.349	-0.0023	-2.5 to 2.5	Pass
					4.43	-1.431	-0.0008	-2.5 to 2.5	Pass
-30				3.85	-5.651	-0.0030	-2.5 to 2.5	Pass	
			-20	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass	



				-10	3.85	-8.841	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-19.240	-0.0102	-2.5 to 2.5	Pass
				10	3.85	-3.161	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-8.626	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-11.101	-0.0059	-2.5 to 2.5	Pass
				50	3.85	0.057	0.0000	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	4.334	0.0023	-2.5 to 2.5	Pass
					3.85	-5.822	-0.0030	-2.5 to 2.5	Pass
					4.43	4.377	0.0023	-2.5 to 2.5	Pass
				-30	3.85	-12.188	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	6.423	0.0034	-2.5 to 2.5	Pass
				-10	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				0	3.85	5.221	0.0027	-2.5 to 2.5	Pass
				10	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				30	3.85	-10.972	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-5.994	-0.0031	-2.5 to 2.5	Pass
				50	3.85	2.546	0.0013	-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	-11.044	-0.0060	-2.5 to 2.5	Pass
					3.85	-15.478	-0.0084	-2.5 to 2.5	Pass
					4.43	-7.682	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-6.151	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-3.548	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-7.610	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-4.907	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-5.636	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-13.404	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-13.647	-0.0074	-2.5 to 2.5	Pass
				50	3.85	-9.298	-0.0050	-2.5 to 2.5	Pass
				1882.5	25	0	20	3.27	-9.727
	3.85	-10.514	-0.0056					-2.5 to 2.5	Pass
	4.43	-16.751	-0.0089					-2.5 to 2.5	Pass
	-30	3.85	-9.341				-0.0050	-2.5 to 2.5	Pass
	-20	3.85	0.243				0.0001	-2.5 to 2.5	Pass
	-10	3.85	-7.997				-0.0042	-2.5 to 2.5	Pass
	0	3.85	2.804				0.0015	-2.5 to 2.5	Pass
	10	3.85	-2.761				-0.0015	-2.5 to 2.5	Pass
	30	3.85	4.292				0.0023	-2.5 to 2.5	Pass
	40	3.85	-10.643				-0.0057	-2.5 to 2.5	Pass
	50	3.85	-14.062				-0.0075	-2.5 to 2.5	Pass
	1912.5	25	0				20	3.27	-3.576
				3.85	-1.774	-0.0009		-2.5 to 2.5	Pass
				4.43	-16.437	-0.0086		-2.5 to 2.5	Pass
				-30	3.85	2.446	0.0013	-2.5 to 2.5	Pass
				-20	3.85	-8.497	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-21.286	-0.0111	-2.5 to 2.5	Pass
				0	3.85	-23.031	-0.0120	-2.5 to 2.5	Pass
				10	3.85	-14.548	-0.0076	-2.5 to 2.5	Pass

				30	3.85	-14.234	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-4.449	-0.0023	-2.5 to 2.5	Pass
				50	3.85	2.446	0.0013	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-12.860	-0.0069	-2.5 to 2.5	Pass
					3.85	-11.001	-0.0059	-2.5 to 2.5	Pass
					4.43	-12.417	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-11.415	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-11.144	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-1.502	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-9.770	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-12.403	-0.0067	-2.5 to 2.5	Pass
				30	3.85	5.136	0.0028	-2.5 to 2.5	Pass
				40	3.85	-8.712	-0.0047	-2.5 to 2.5	Pass
	50	3.85	0.029	0.0000	-2.5 to 2.5	Pass			
	1882.5	25	0	20	3.27	-8.683	-0.0046	-2.5 to 2.5	Pass
					3.85	-15.178	-0.0081	-2.5 to 2.5	Pass
					4.43	-15.678	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-8.626	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-9.899	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-4.635	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				10	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				30	3.85	7.682	0.0041	-2.5 to 2.5	Pass
				40	3.85	-3.176	-0.0017	-2.5 to 2.5	Pass
	50	3.85	-10.557	-0.0056	-2.5 to 2.5	Pass			
	1912.5	25	0	20	3.27	-3.591	-0.0019	-2.5 to 2.5	Pass
					3.85	-16.866	-0.0088	-2.5 to 2.5	Pass
					4.43	-11.387	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-10.085	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-11.516	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-17.123	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-12.960	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-10.672	-0.0056	-2.5 to 2.5	Pass
30				3.85	-16.623	-0.0087	-2.5 to 2.5	Pass	
40				3.85	-12.717	-0.0066	-2.5 to 2.5	Pass	
50	3.85	-7.796	-0.0041	-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	-7.195	-0.0039	-2.5 to 2.5	Pass
					3.85	-20.585	-0.0111	-2.5 to 2.5	Pass
					4.43	-4.992	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-8.111	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-5.908	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-6.480	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-8.454	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-11.816	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-3.920	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-8.798	-0.0047	-2.5 to 2.5	Pass
50	3.85	-5.593	-0.0030	-2.5 to 2.5	Pass				

	1882.5	50	0	20	3.27	-2.360	-0.0013	-2.5 to 2.5	Pass
					3.85	-5.722	-0.0030	-2.5 to 2.5	Pass
					4.43	-6.495	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-6.208	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-16.079	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-11.086	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-15.178	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-13.561	-0.0072	-2.5 to 2.5	Pass
	40	3.85	-9.813	-0.0052	-2.5 to 2.5	Pass			
	50	3.85	-3.333	-0.0018	-2.5 to 2.5	Pass			
	1910	50	0	20	3.27	-7.610	-0.0040	-2.5 to 2.5	Pass
					3.85	-5.722	-0.0030	-2.5 to 2.5	Pass
					4.43	-10.929	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-14.191	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-8.512	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-13.061	-0.0068	-2.5 to 2.5	Pass
				0	3.85	-9.255	-0.0048	-2.5 to 2.5	Pass
10				3.85	-6.824	-0.0036	-2.5 to 2.5	Pass	
30				3.85	-11.301	-0.0059	-2.5 to 2.5	Pass	
40	3.85	-13.161	-0.0069	-2.5 to 2.5	Pass				
50	3.85	-6.323	-0.0033	-2.5 to 2.5	Pass				
16QAM	1855	50	0	20	3.27	-9.255	-0.0050	-2.5 to 2.5	Pass
					3.85	-6.094	-0.0033	-2.5 to 2.5	Pass
					4.43	-2.360	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-5.279	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-10.157	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-6.065	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-10.371	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-6.895	-0.0037	-2.5 to 2.5	Pass
				30	3.85	1.817	0.0010	-2.5 to 2.5	Pass
	40	3.85	-8.855	-0.0048	-2.5 to 2.5	Pass			
	50	3.85	-6.680	-0.0036	-2.5 to 2.5	Pass			
	1882.5	50	0	20	3.27	-7.081	-0.0038	-2.5 to 2.5	Pass
					3.85	-14.019	-0.0074	-2.5 to 2.5	Pass
					4.43	-12.116	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-3.176	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-8.898	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-3.319	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-12.918	-0.0069	-2.5 to 2.5	Pass
				10	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
	40	3.85	-5.980	-0.0032	-2.5 to 2.5	Pass			
	50	3.85	-3.018	-0.0016	-2.5 to 2.5	Pass			
	1910	50	0	20	3.27	-8.297	-0.0043	-2.5 to 2.5	Pass
					3.85	-14.148	-0.0074	-2.5 to 2.5	Pass
					4.43	-10.414	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-7.997	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	12.560	0.0066	-2.5 to 2.5	Pass
-10				3.85	-9.499	-0.0050	-2.5 to 2.5	Pass	
0				3.85	2.618	0.0014	-2.5 to 2.5	Pass	
10				3.85	-5.879	-0.0031	-2.5 to 2.5	Pass	
30				3.85	-10.314	-0.0054	-2.5 to 2.5	Pass	
40	3.85	-12.517	-0.0066	-2.5 to 2.5	Pass				
50	3.85	-12.317	-0.0064	-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	-8.669	-0.0047	-2.5 to 2.5	Pass
					3.85	-4.649	-0.0025	-2.5 to 2.5	Pass
					4.43	-3.362	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-9.470	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-13.976	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-6.552	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-8.626	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-14.248	-0.0077	-2.5 to 2.5	Pass
				40	3.85	-3.548	-0.0019	-2.5 to 2.5	Pass
	50	3.85	-4.320	-0.0023	-2.5 to 2.5	Pass			
	1882.5	75	0	20	3.27	-4.864	-0.0026	-2.5 to 2.5	Pass
					3.85	-10.772	-0.0057	-2.5 to 2.5	Pass
					4.43	-7.381	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-1.202	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-10.843	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-8.268	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-3.290	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-11.187	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-11.816	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-3.462	-0.0018	-2.5 to 2.5	Pass
	50	3.85	-7.410	-0.0039	-2.5 to 2.5	Pass			
	1907.5	75	0	20	3.27	-7.339	-0.0038	-2.5 to 2.5	Pass
					3.85	-14.791	-0.0078	-2.5 to 2.5	Pass
					4.43	-19.898	-0.0104	-2.5 to 2.5	Pass
				-30	3.85	-7.353	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-8.111	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-6.180	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-5.908	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-9.241	-0.0048	-2.5 to 2.5	Pass
30				3.85	-5.150	-0.0027	-2.5 to 2.5	Pass	
40				3.85	-7.052	-0.0037	-2.5 to 2.5	Pass	
50	3.85	-7.167	-0.0038	-2.5 to 2.5	Pass				
16QAM	1857.5	75	0	20	3.27	-5.407	-0.0029	-2.5 to 2.5	Pass
					3.85	-7.410	-0.0040	-2.5 to 2.5	Pass
					4.43	-4.835	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-6.738	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-12.202	-0.0066	-2.5 to 2.5	Pass
				-10	3.85	-9.227	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-5.622	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
				30	3.85	3.004	0.0016	-2.5 to 2.5	Pass
				40	3.85	-8.240	-0.0044	-2.5 to 2.5	Pass
	50	3.85	-6.881	-0.0037	-2.5 to 2.5	Pass			
	1882.5	75	0	20	3.27	-15.306	-0.0081	-2.5 to 2.5	Pass
					3.85	-4.249	-0.0023	-2.5 to 2.5	Pass
					4.43	-6.895	-0.0037	-2.5 to 2.5	Pass
-30				3.85	-7.625	-0.0041	-2.5 to 2.5	Pass	
-20	3.85	-4.363	-0.0023	-2.5 to 2.5	Pass				

				-10	3.85	-11.802	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-13.390	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-9.656	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-4.120	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-9.813	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-7.038	-0.0037	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	-9.556	-0.0050	-2.5 to 2.5	Pass
					3.85	-6.752	-0.0035	-2.5 to 2.5	Pass
					4.43	-7.281	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-8.469	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-7.310	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-6.537	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-8.540	-0.0045	-2.5 to 2.5	Pass
				10	3.85	1.001	0.0005	-2.5 to 2.5	Pass
				30	3.85	2.503	0.0013	-2.5 to 2.5	Pass
				40	3.85	-11.716	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-12.031	-0.0063	-2.5 to 2.5	Pass

## 2.6 B25\_20MHz

### 2.6.1 Test Result

Band: 25 / 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	-9.370	-0.0050	-2.5 to 2.5	Pass
					3.85	-7.310	-0.0039	-2.5 to 2.5	Pass
					4.43	-0.958	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-4.148	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-9.098	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-13.261	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-5.436	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-4.678	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-8.483	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
				1882.5	100	0	20	3.27	-7.567
	3.85	-7.195	-0.0038					-2.5 to 2.5	Pass
	4.43	-8.583	-0.0046					-2.5 to 2.5	Pass
	-30	3.85	-1.101				-0.0006	-2.5 to 2.5	Pass
	-20	3.85	-5.894				-0.0031	-2.5 to 2.5	Pass
	-10	3.85	-7.625				-0.0041	-2.5 to 2.5	Pass
	0	3.85	0.887				0.0005	-2.5 to 2.5	Pass
	10	3.85	-5.636				-0.0030	-2.5 to 2.5	Pass
	30	3.85	-3.934				-0.0021	-2.5 to 2.5	Pass
	40	3.85	0.315				0.0002	-2.5 to 2.5	Pass
	50	3.85	-11.902				-0.0063	-2.5 to 2.5	Pass
	1905	100	0				20	3.27	-12.560
				3.85	-8.955	-0.0047		-2.5 to 2.5	Pass
				4.43	-4.678	-0.0025		-2.5 to 2.5	Pass
				-30	3.85	2.017	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-5.479	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-5.808	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-9.756	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-3.819	-0.0020	-2.5 to 2.5	Pass

				30	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-7.367	-0.0039	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-5.550	-0.0030	-2.5 to 2.5	Pass
					3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
					4.43	0.057	0.0000	-2.5 to 2.5	Pass
				-30	3.85	13.075	0.0070	-2.5 to 2.5	Pass
				-20	3.85	-4.892	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-9.012	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-5.808	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-7.138	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-5.393	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-8.297	-0.0045	-2.5 to 2.5	Pass
	50	3.85	-11.630	-0.0063	-2.5 to 2.5	Pass			
	1882.5	100	0	20	3.27	-15.607	-0.0083	-2.5 to 2.5	Pass
					3.85	-10.142	-0.0054	-2.5 to 2.5	Pass
					4.43	-4.992	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-5.965	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-9.384	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-3.119	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-5.894	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-4.692	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-6.666	-0.0035	-2.5 to 2.5	Pass
	50	3.85	-8.969	-0.0048	-2.5 to 2.5	Pass			
	1905	100	0	20	3.27	-10.428	-0.0055	-2.5 to 2.5	Pass
					3.85	-9.127	-0.0048	-2.5 to 2.5	Pass
					4.43	-4.263	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-6.666	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-5.822	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-10.986	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-7.768	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-10.715	-0.0056	-2.5 to 2.5	Pass
30				3.85	-7.210	-0.0038	-2.5 to 2.5	Pass	
40				3.85	-3.562	-0.0019	-2.5 to 2.5	Pass	
50	3.85	-14.091	-0.0074	-2.5 to 2.5	Pass				

### 3. Modulation Characteristics

#### 3.1 B25\_1.4MHz

##### 3.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTV						
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

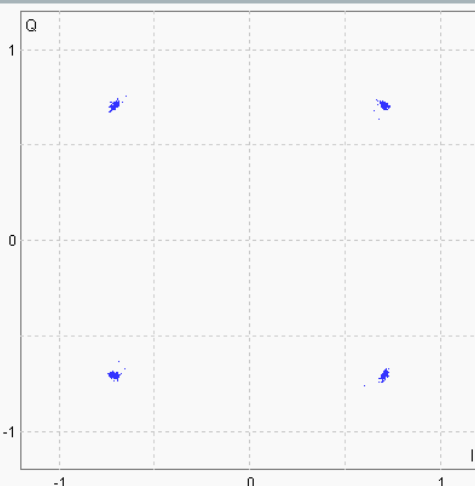
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTV
---

CMW 500 V 3.7.22 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1882.5 MHz Ref. Level: 38.50 dBm BW: 1.4 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation



Statistic Count: 20 / 20  
 Out of Tolerance: 0.00 %  
 Detected Modulation: QPSK  
 Detected Channel Type: PUSCH  
 View Filter Throughput: 100.0 %

PS: Connection Established  
 RRC State: Connected

Go To Local Show Remote Screen

LTE Multi Evaluation RDY RF Settings Trigger Display Signaling Parameter LTE Signaling ON

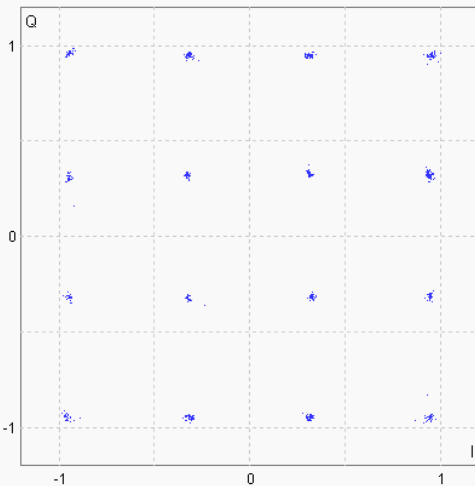
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_6\_0\_NTNV

CMW 500 V 3.7.22 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1882.5 MHz Ref. Level: 38.50 dBm BW: 1.4 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation



Statistic Count: 20 / 20  
 Out of Tolerance: 0.00 %  
 Detected Modulation: 16-QAM  
 Detected Channel Type: PUSCH  
 View Filter Throughput: 100.0 %

PS: Connection Established  
 RRC State: Connected

Go To Local Show Remote Screen

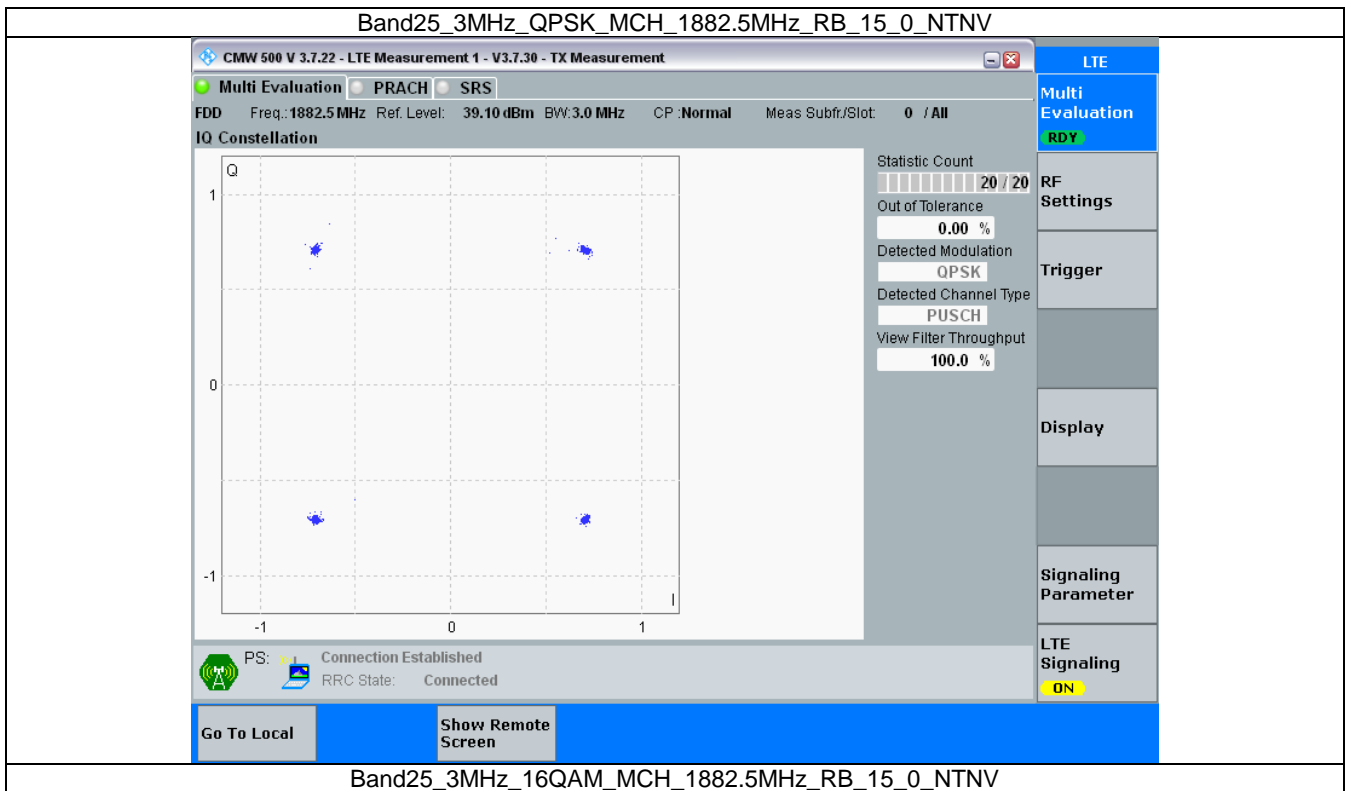
LTE Multi Evaluation RDY RF Settings Trigger Display Signaling Parameter LTE Signaling ON

3.2 B25\_3MHz

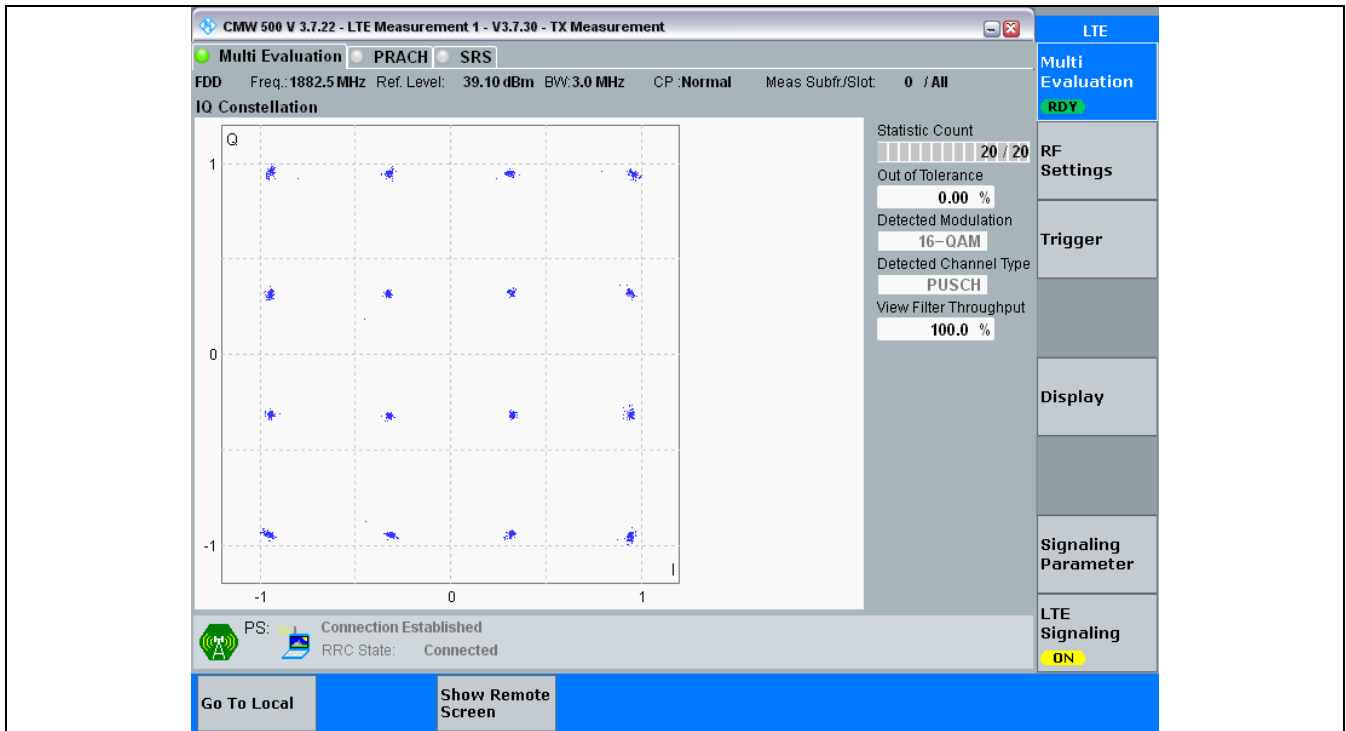
### 3.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTN						
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







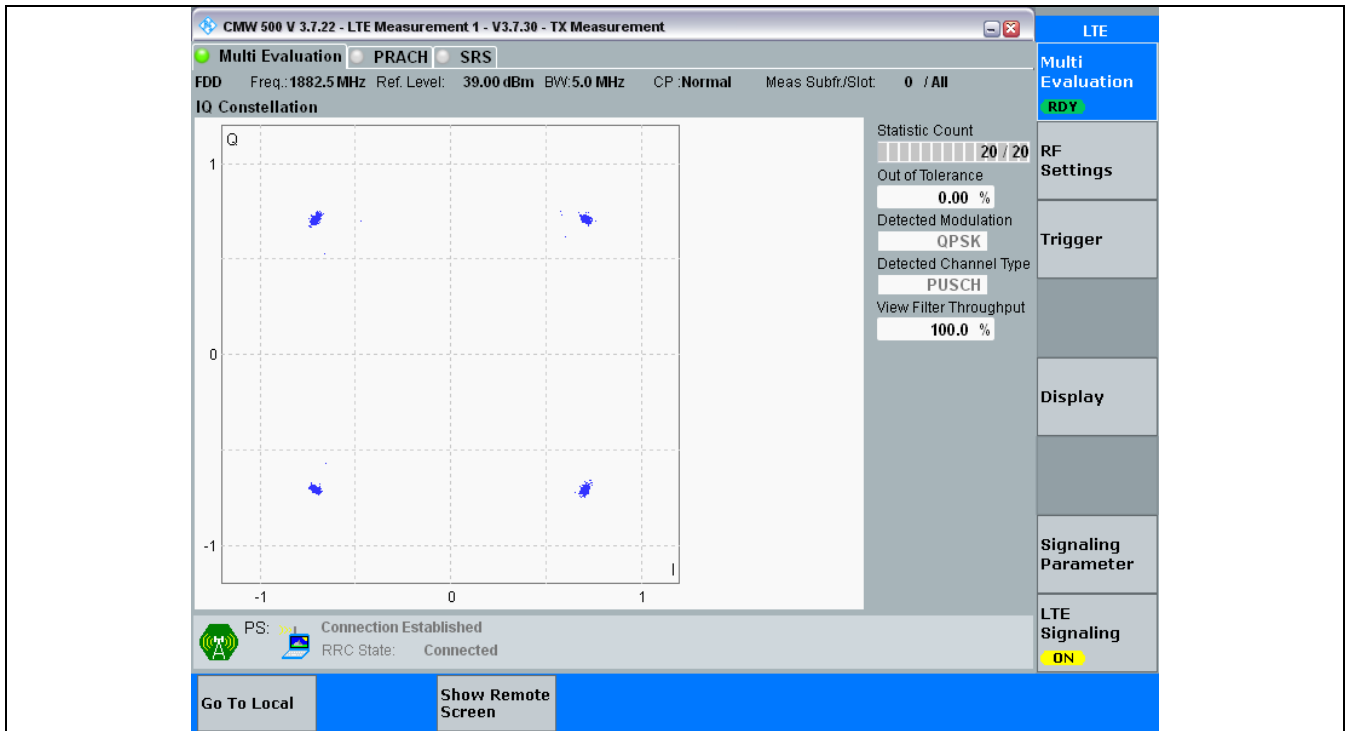
### 3.3 B25\_5MHz

#### 3.3.1 Test Result

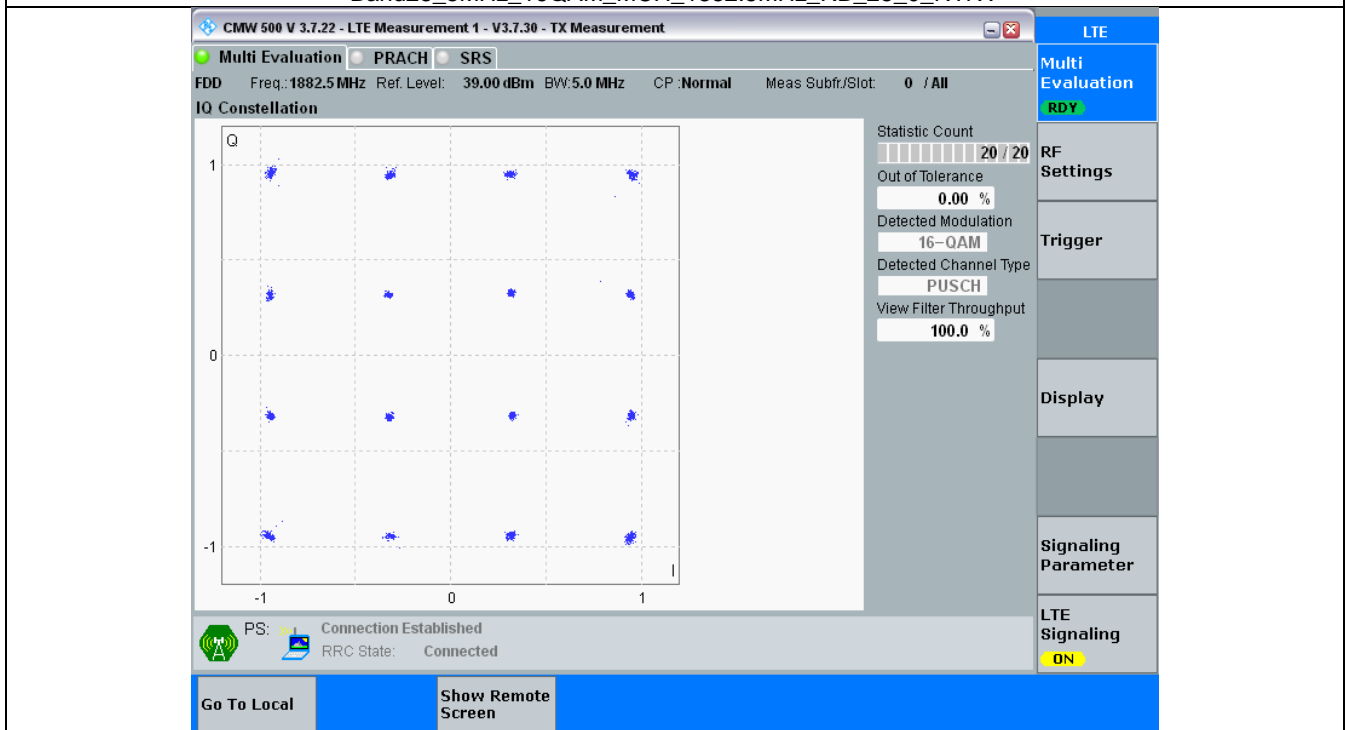
Band: 25 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	25	0	Refer To Test Graph		Pass
16QAM	1882.5	25	0	Refer To Test Graph		Pass

#### 3.3.2 Test Graph

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



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

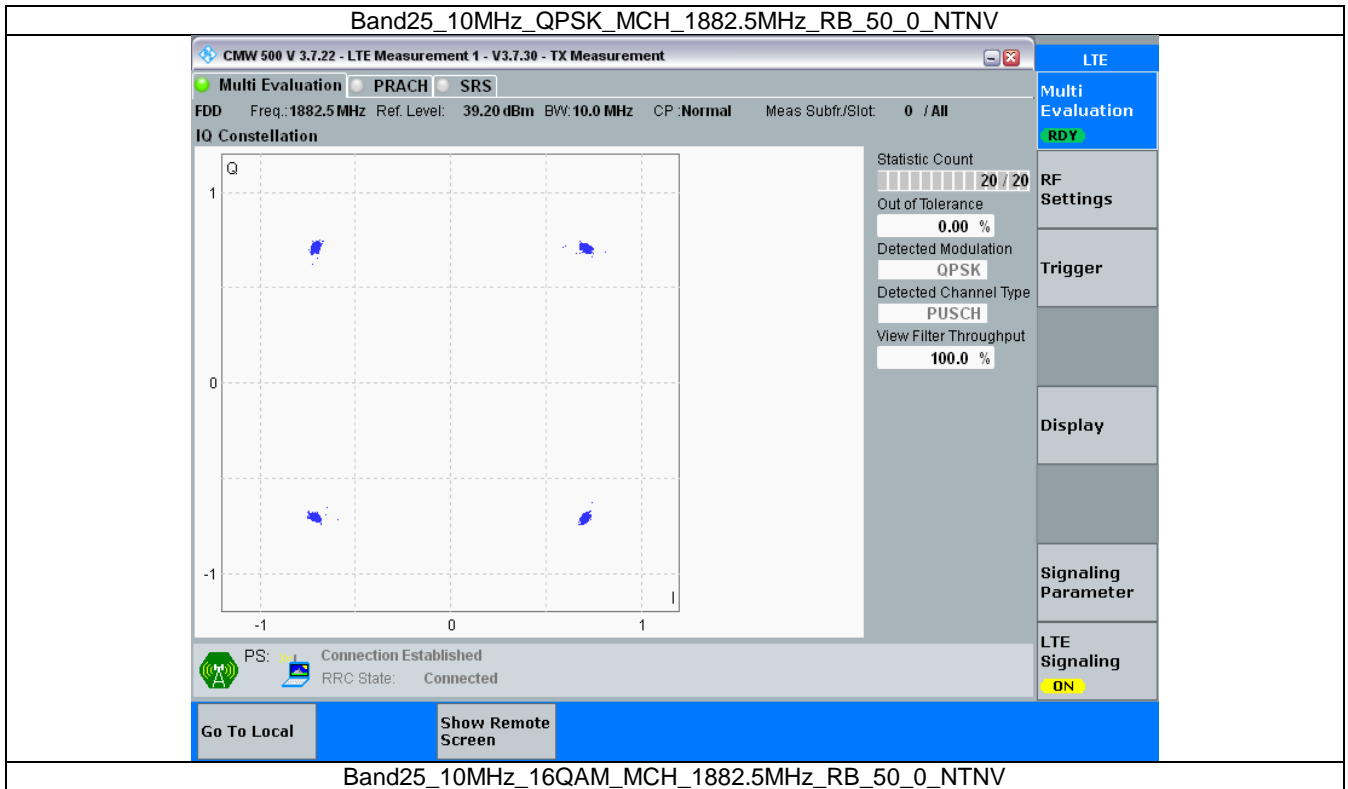


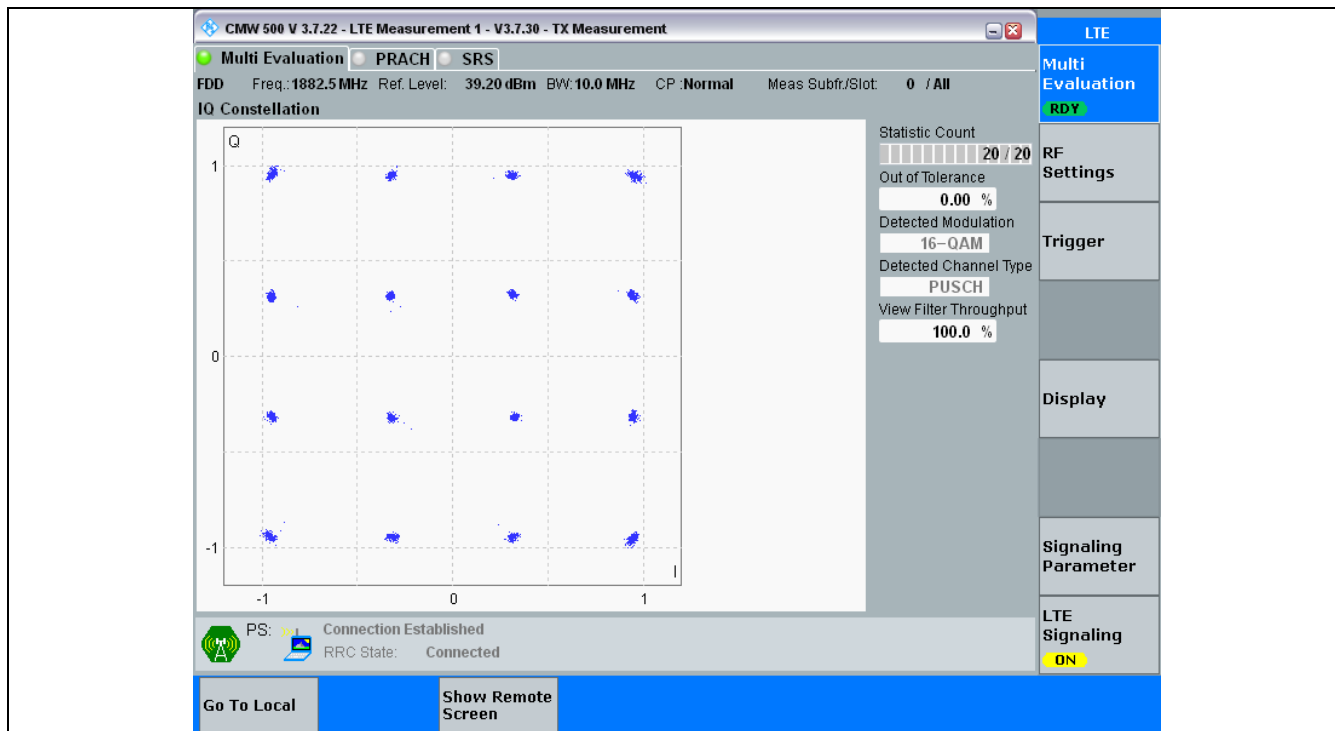
3.4 B25\_10MHz

### 3.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTV						
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





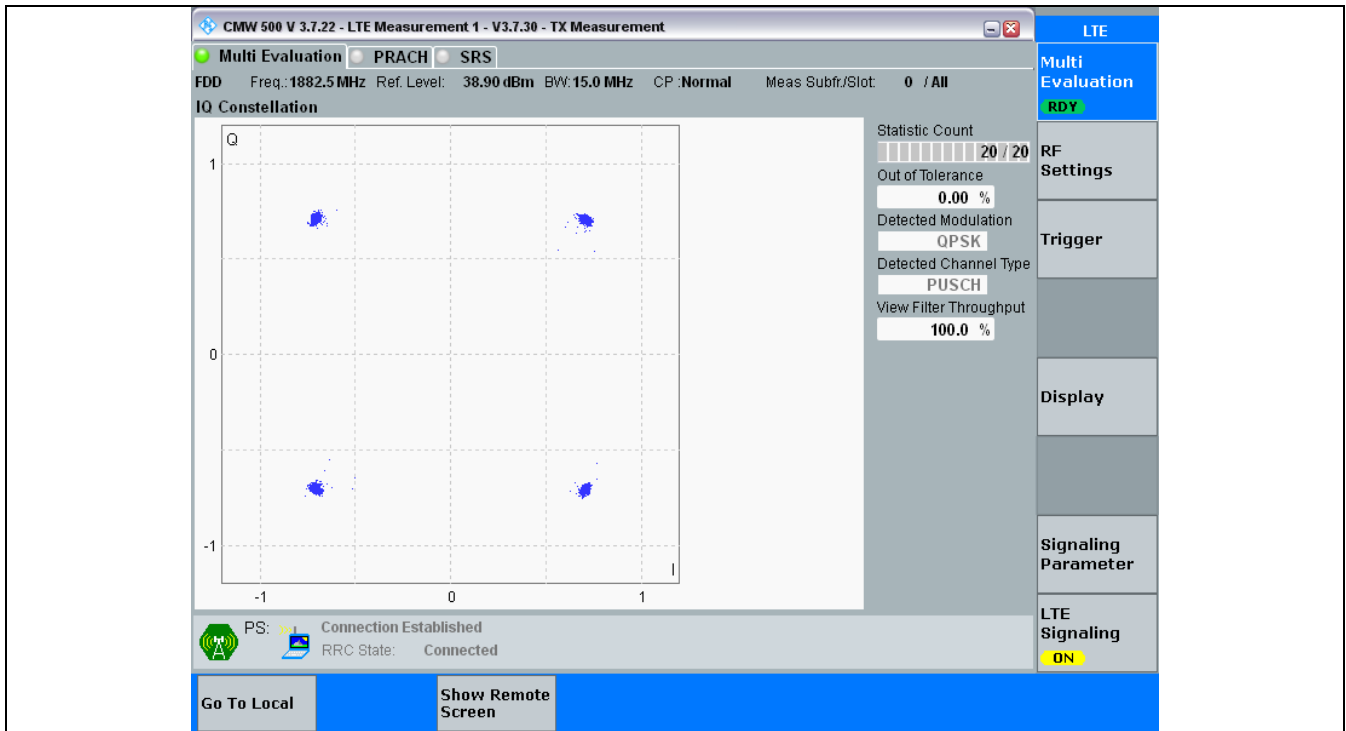
### 3.5 B25\_15MHz

#### 3.5.1 Test Result

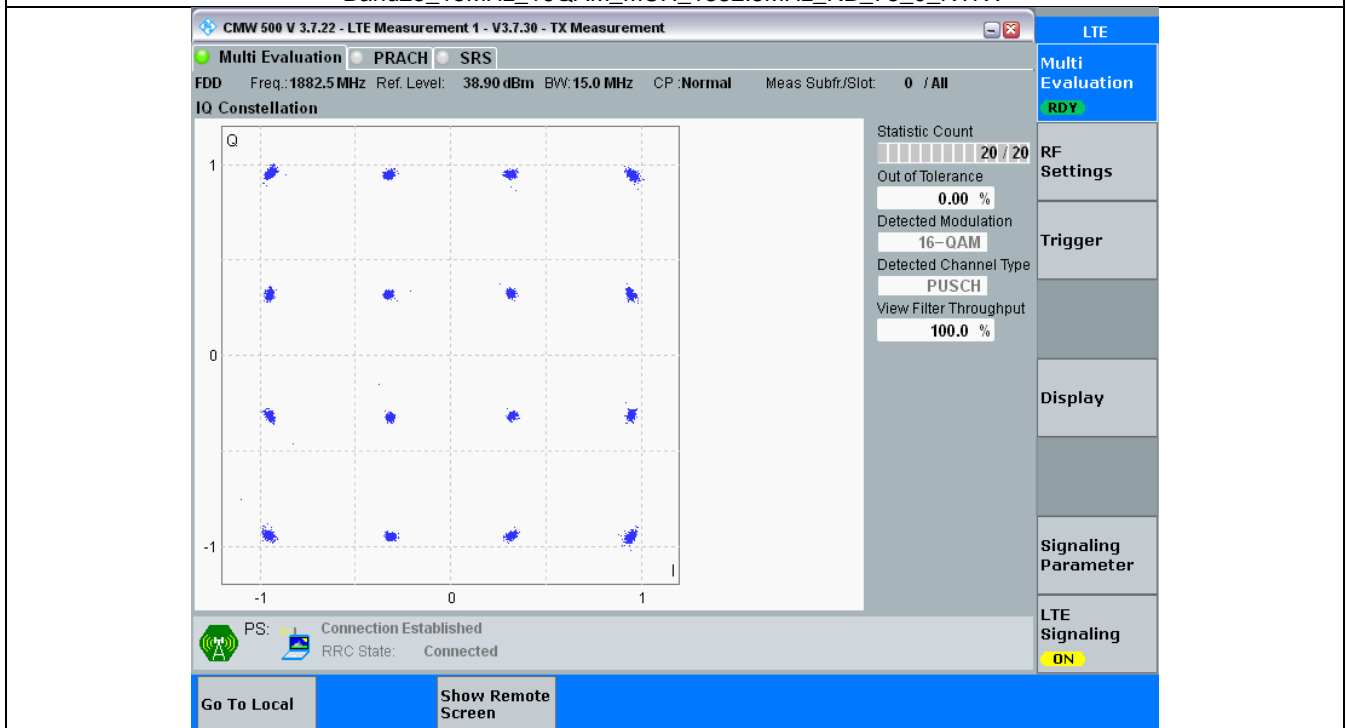
Band: 25 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	75	0	Refer To Test Graph		Pass

#### 3.5.2 Test Graph

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



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

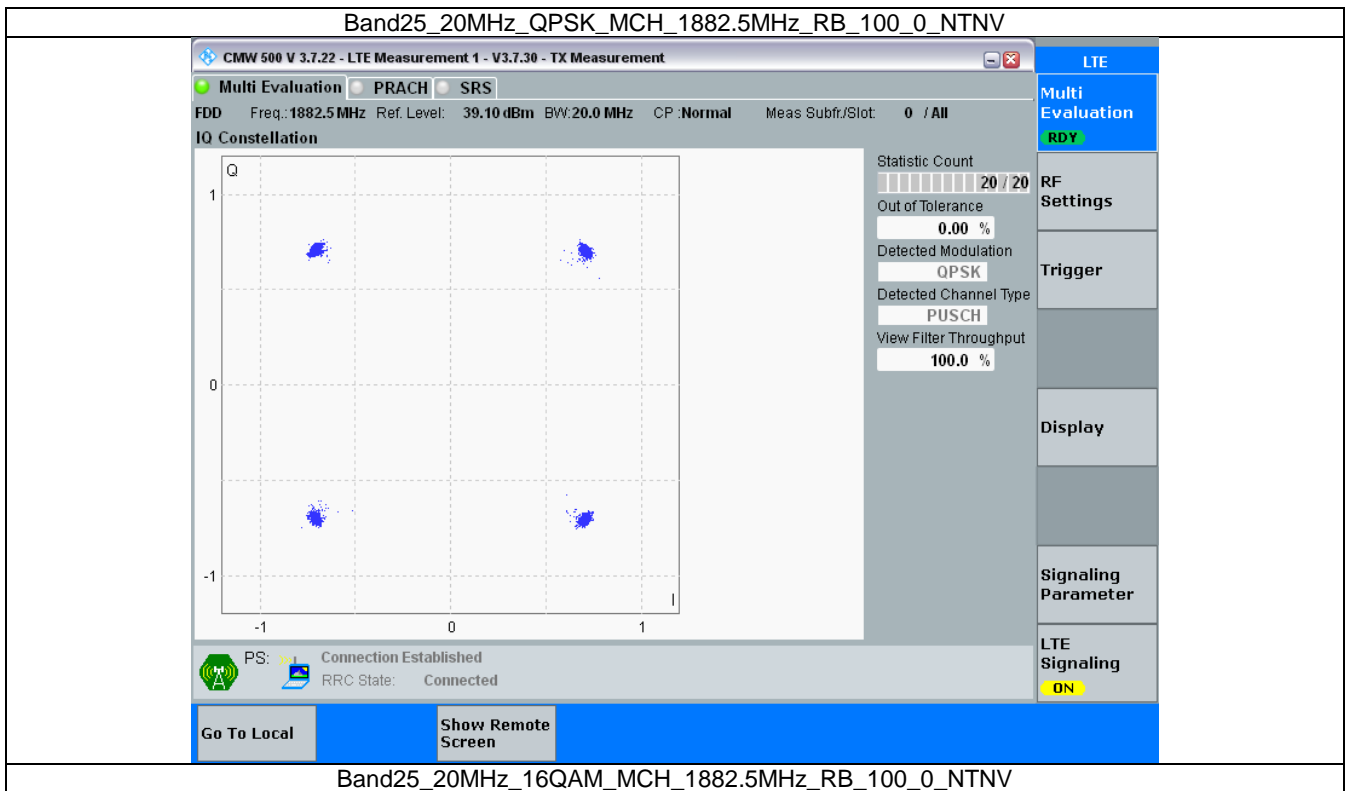


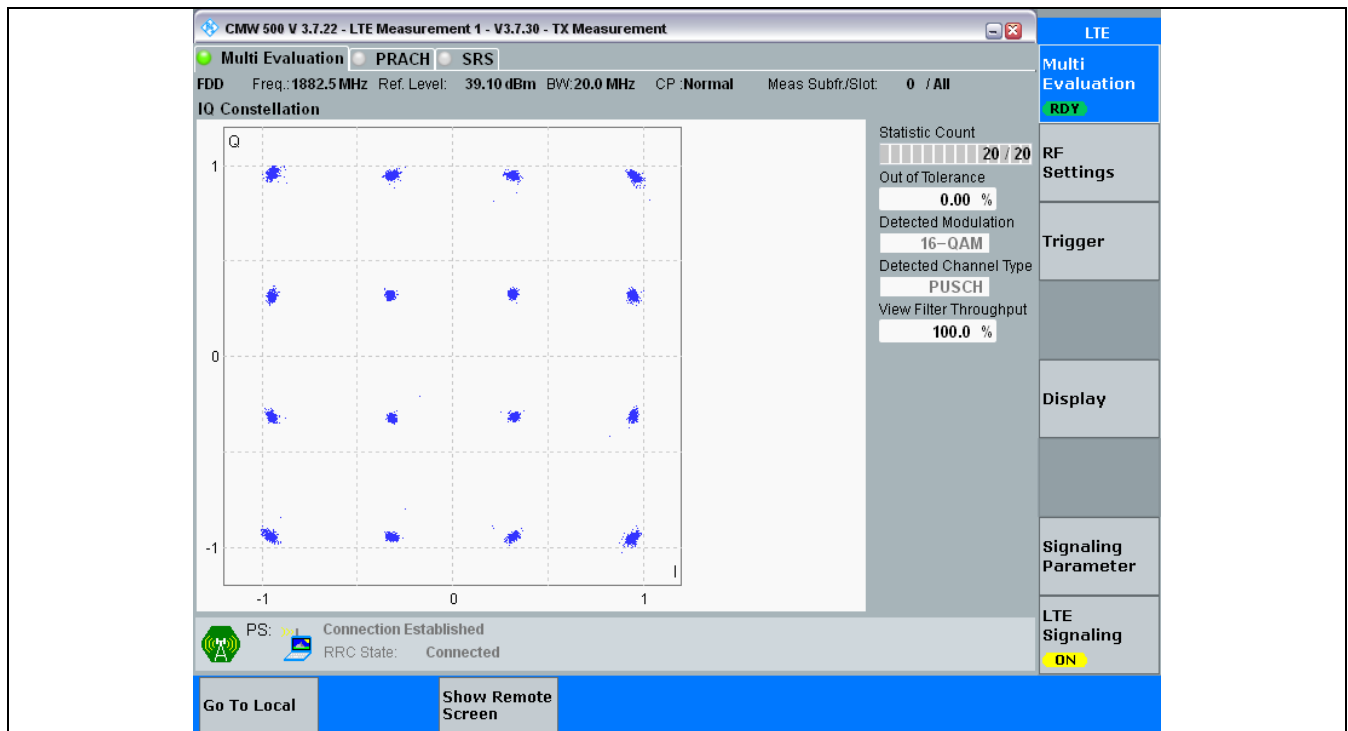
3.6 B25\_20MHz

### 3.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTV						
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

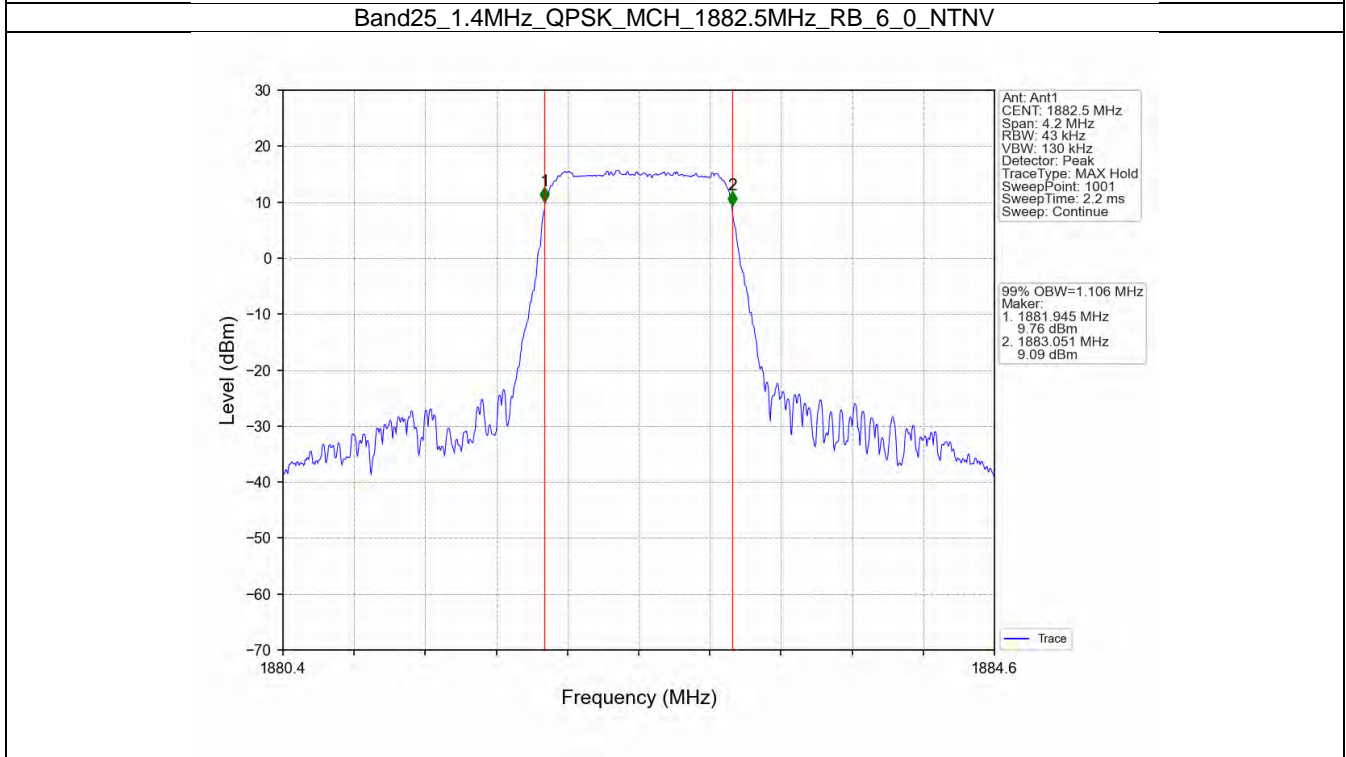
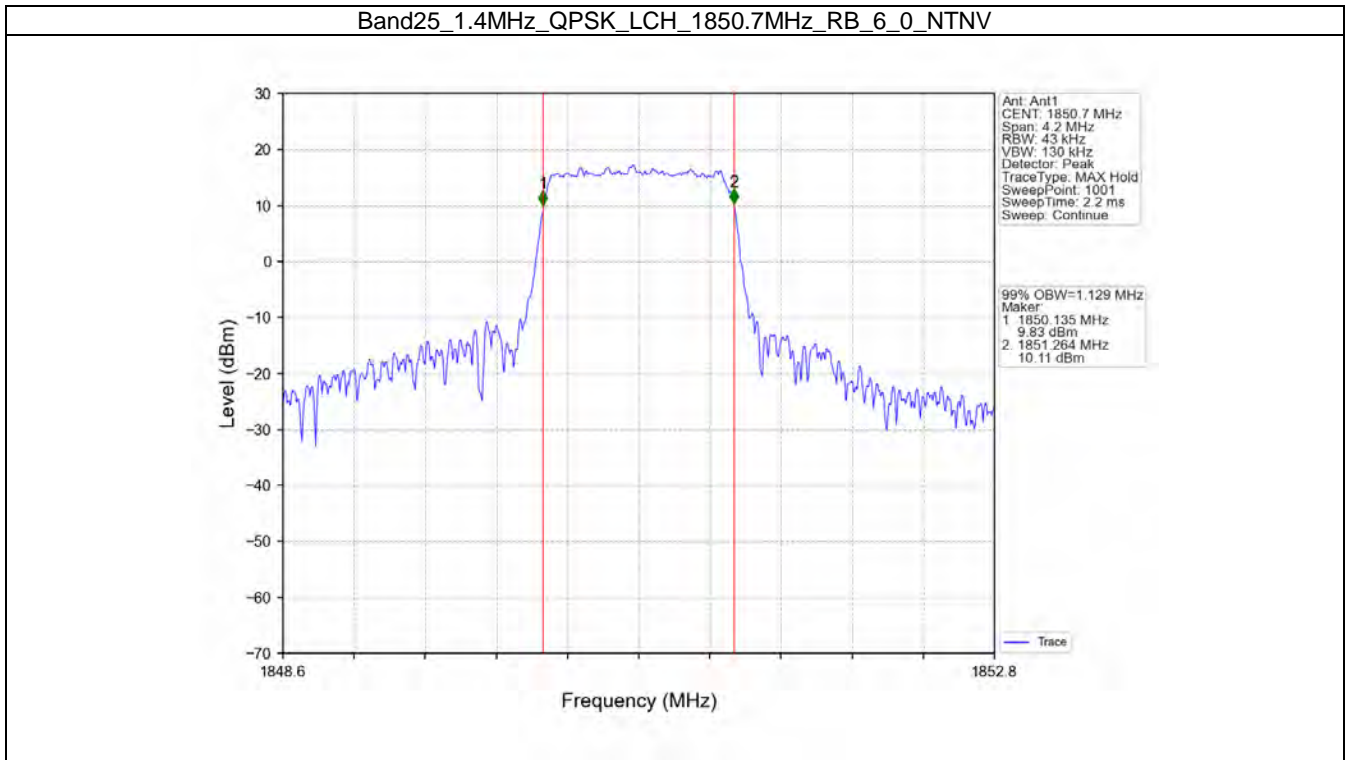
#### 4.1.1 Test Result

Band: 25 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.129	/	Pass
		1882.5	6	0	1.106	/	Pass
		1914.3	6	0	1.102	/	Pass
	16QAM	1850.7	6	0	1.113	/	Pass
		1882.5	6	0	1.112	/	Pass
		1914.3	6	0	1.108	/	Pass
3	QPSK	1851.5	15	0	2.729	/	Pass
		1882.5	15	0	2.731	/	Pass
		1913.5	15	0	2.724	/	Pass
	16QAM	1851.5	15	0	2.725	/	Pass
		1882.5	15	0	2.725	/	Pass
		1913.5	15	0	2.725	/	Pass
5	QPSK	1852.5	25	0	4.567	/	Pass
		1882.5	25	0	4.553	/	Pass
		1912.5	25	0	4.568	/	Pass
	16QAM	1852.5	25	0	4.572	/	Pass
		1882.5	25	0	4.552	/	Pass

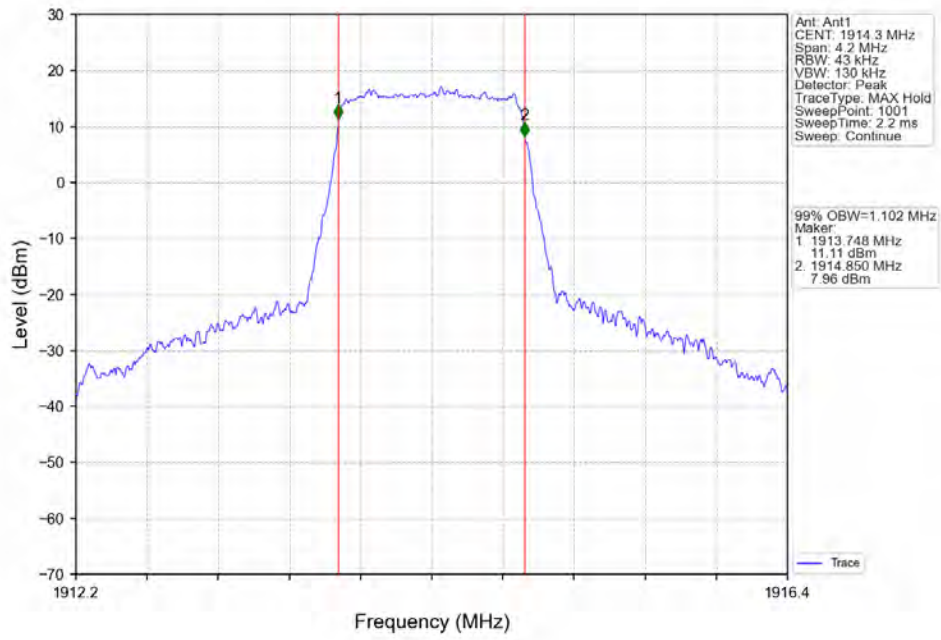
		1912.5	25	0	4.556	/	Pass
10	QPSK	1855	50	0	9.083	/	Pass
		1882.5	50	0	9.049	/	Pass
		1910	50	0	9.103	/	Pass
	16QAM	1855	50	0	9.065	/	Pass
		1882.5	50	0	9.049	/	Pass
		1910	50	0	9.101	/	Pass
15	QPSK	1857.5	75	0	13.629	/	Pass
		1882.5	75	0	13.558	/	Pass
		1907.5	75	0	13.622	/	Pass
	16QAM	1857.5	75	0	13.640	/	Pass
		1882.5	75	0	13.602	/	Pass
		1907.5	75	0	13.616	/	Pass
20	QPSK	1860	100	0	18.174	/	Pass
		1882.5	100	0	18.110	/	Pass
		1905	100	0	18.131	/	Pass
	16QAM	1860	100	0	18.163	/	Pass
		1882.5	100	0	18.083	/	Pass
		1905	100	0	18.153	/	Pass



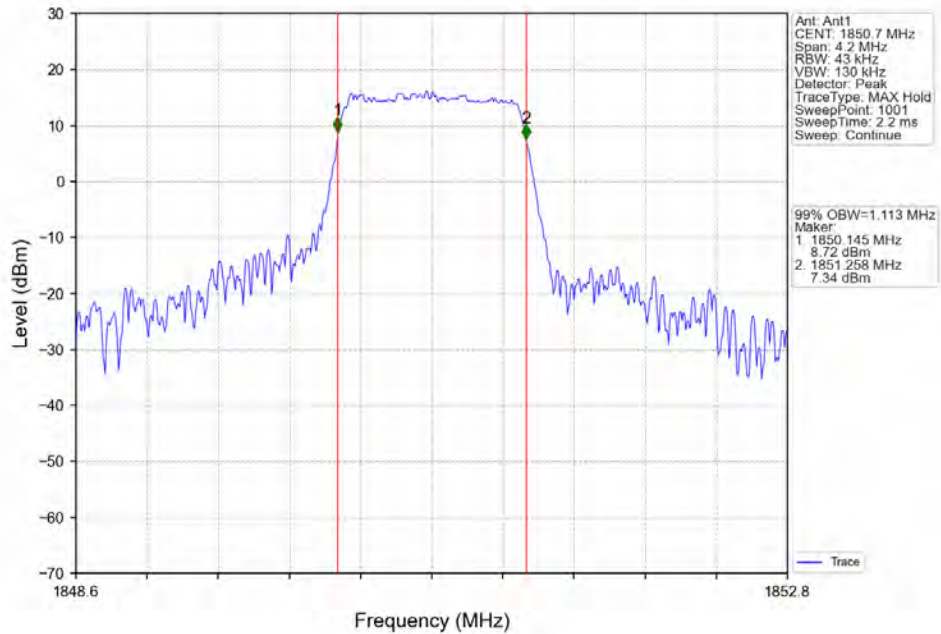
### 4.1.2 Test Graph



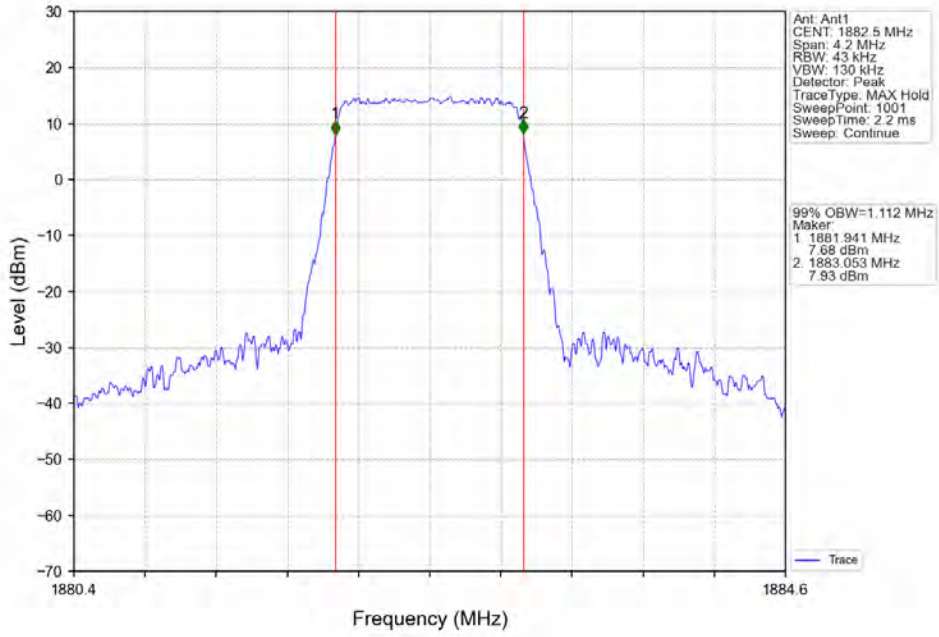
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



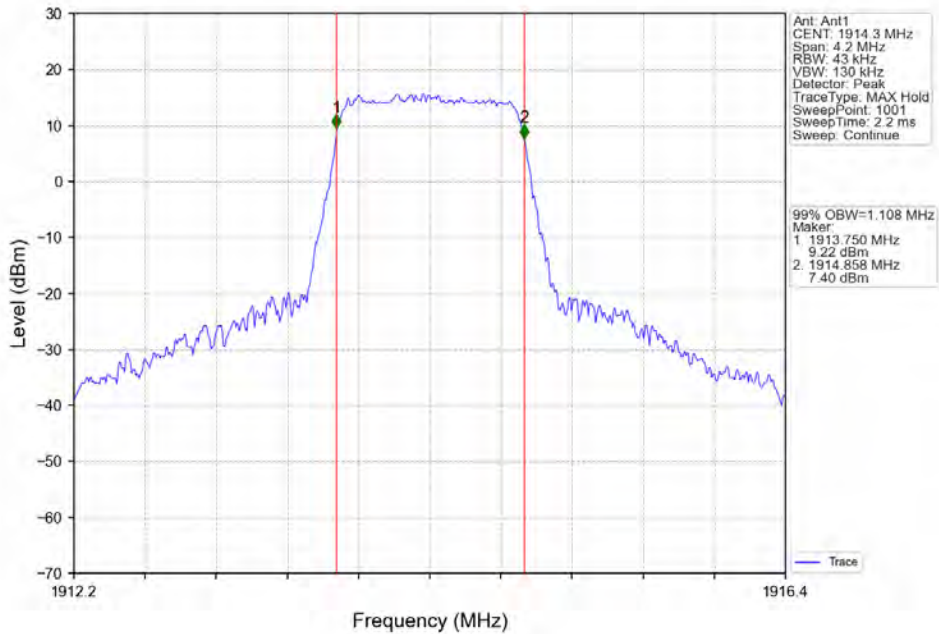
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



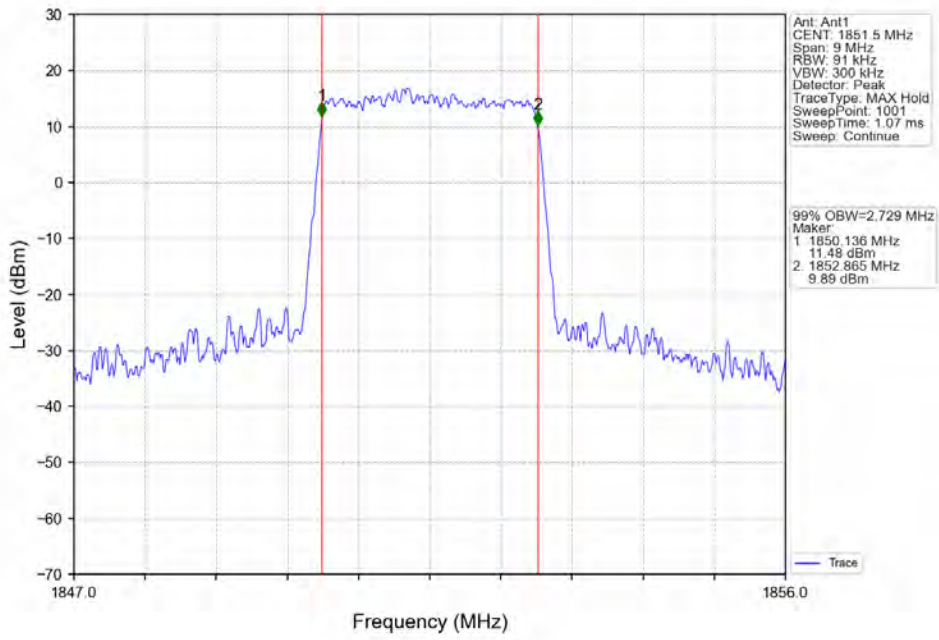
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_6\_0\_NTNV



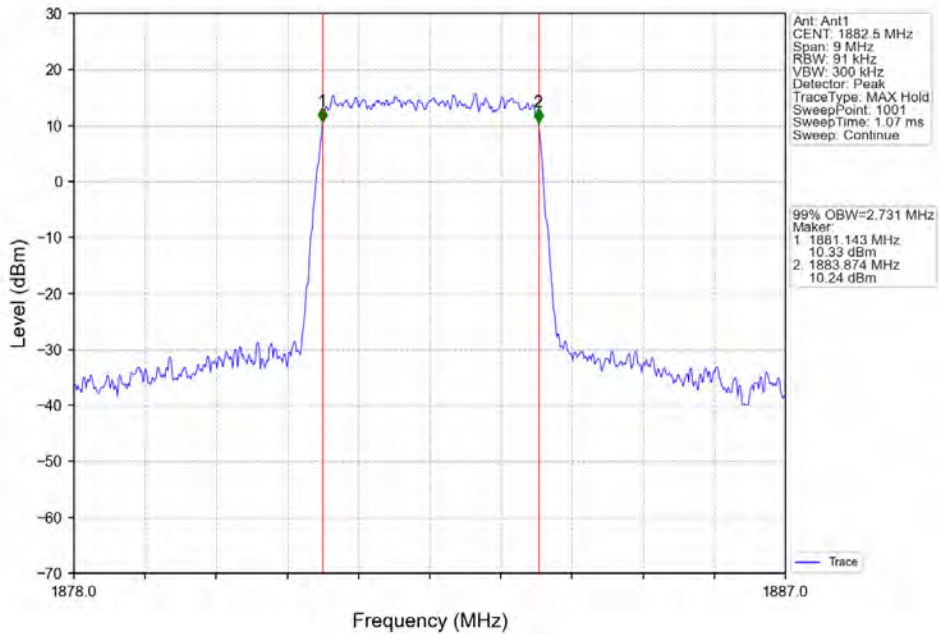
Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



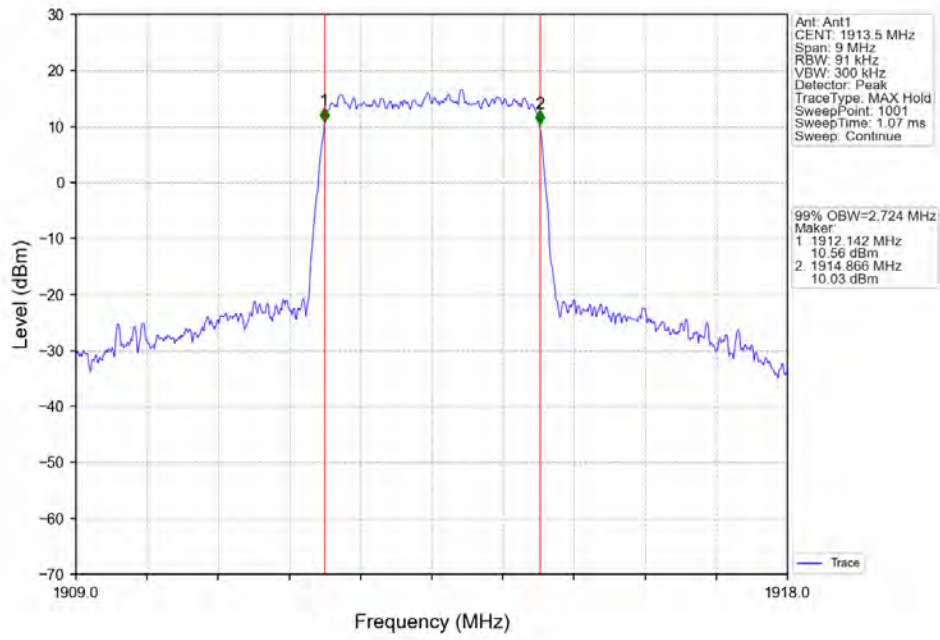
Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



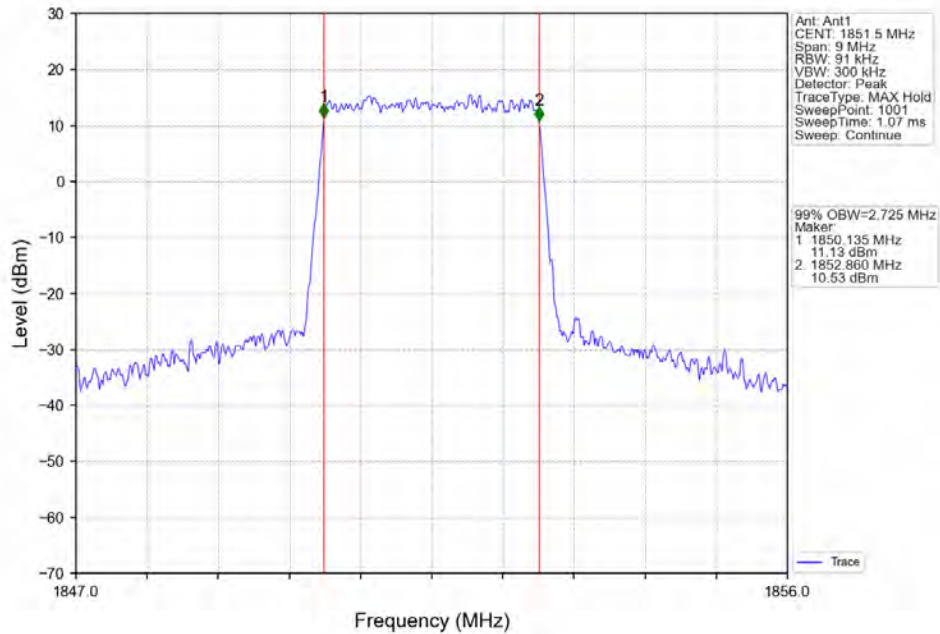
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



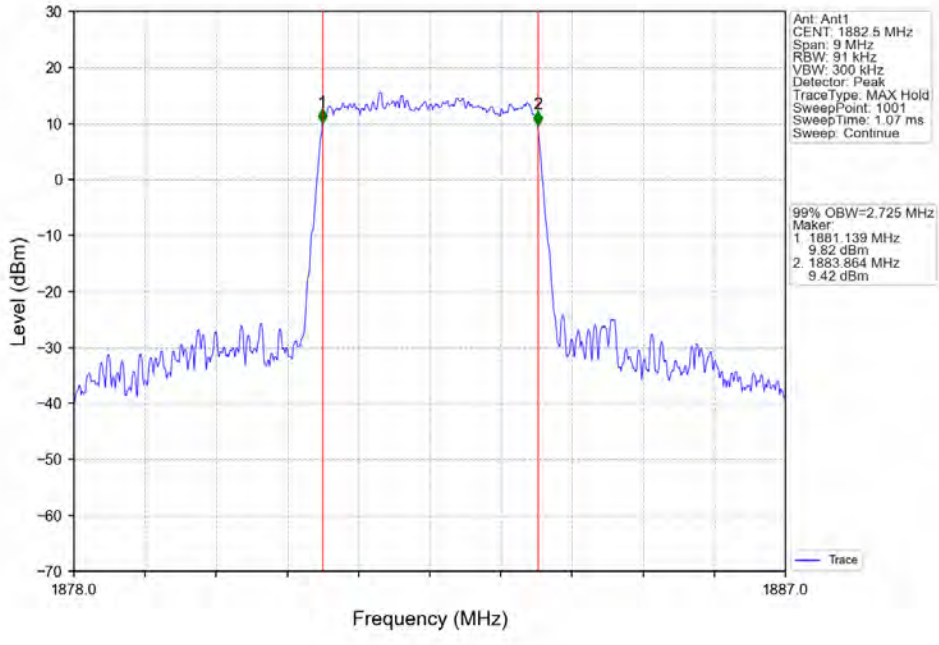
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



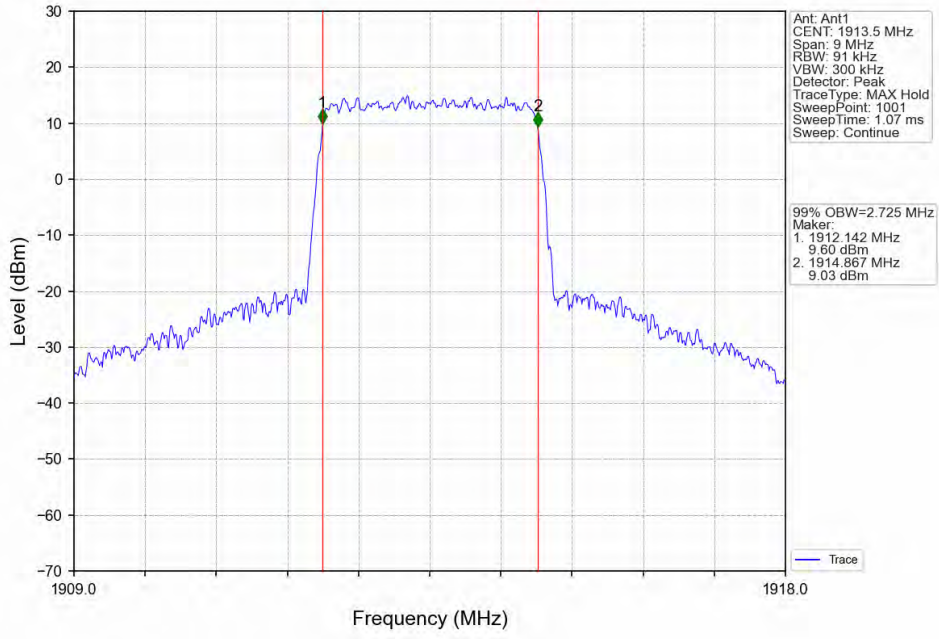
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



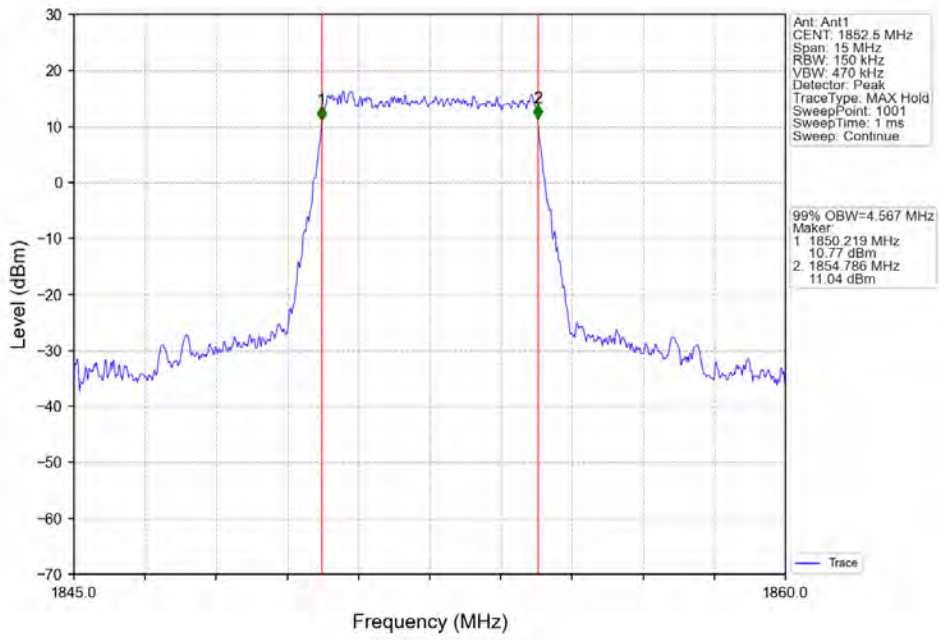
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



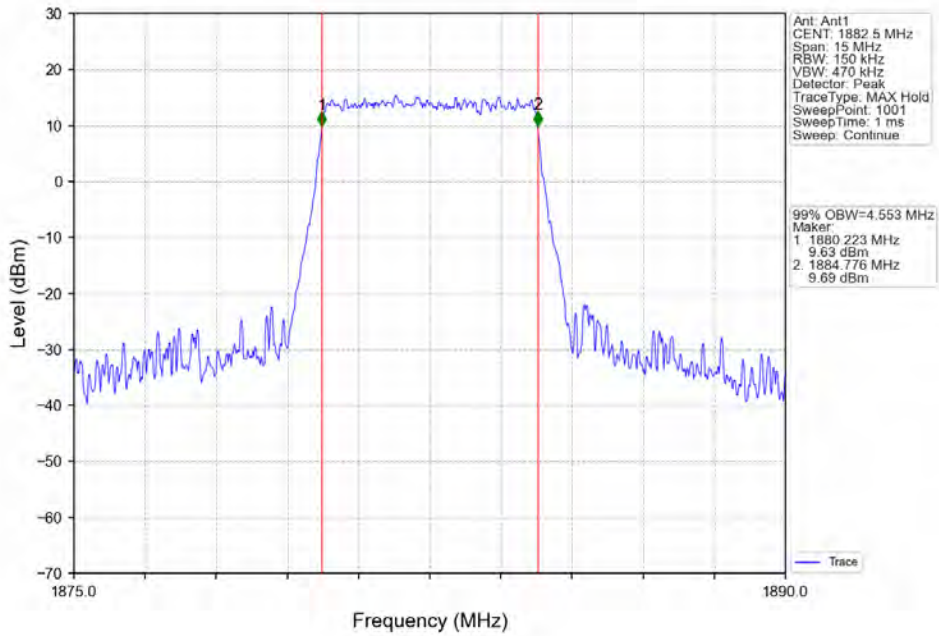
Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



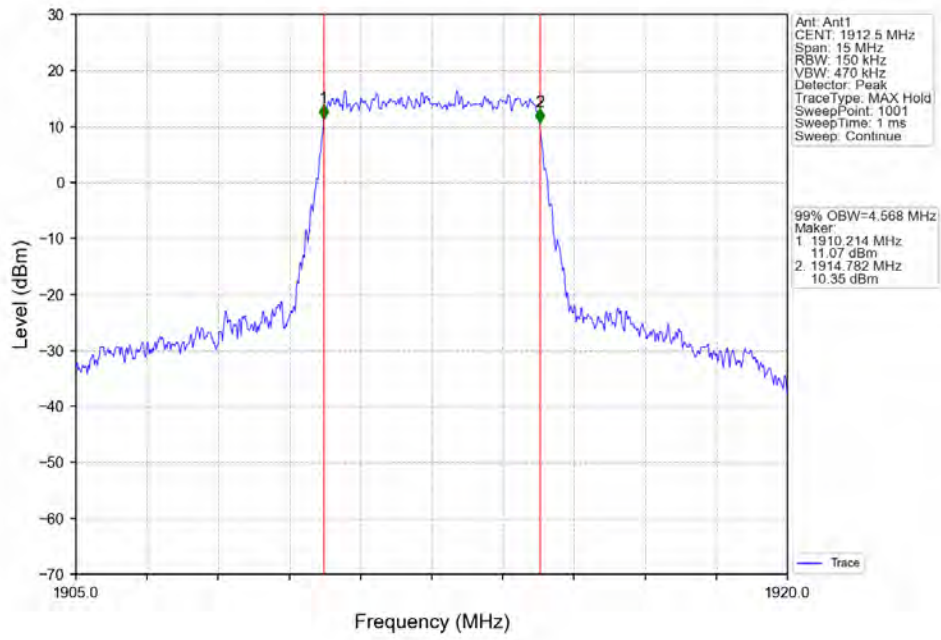
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



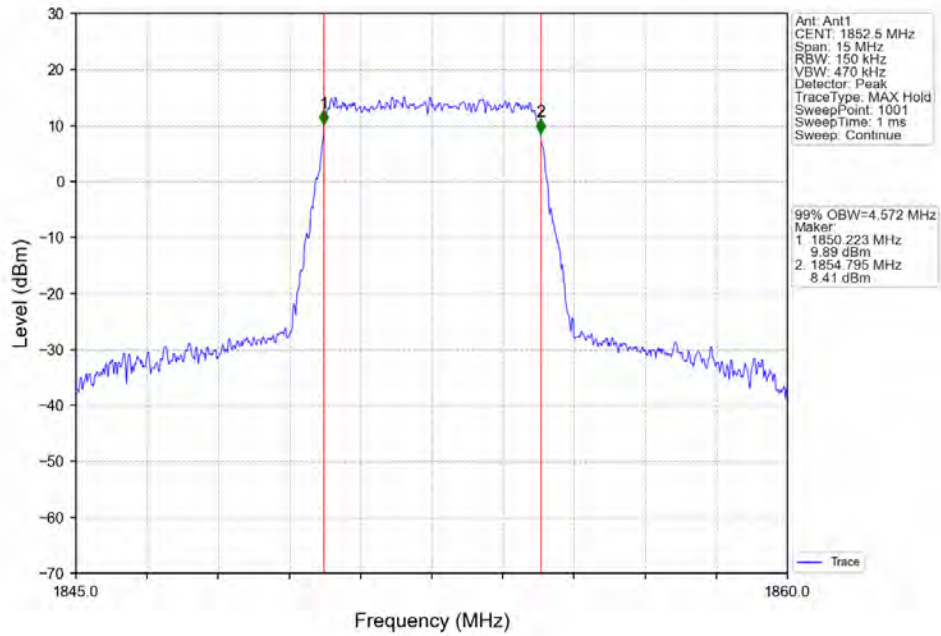
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



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

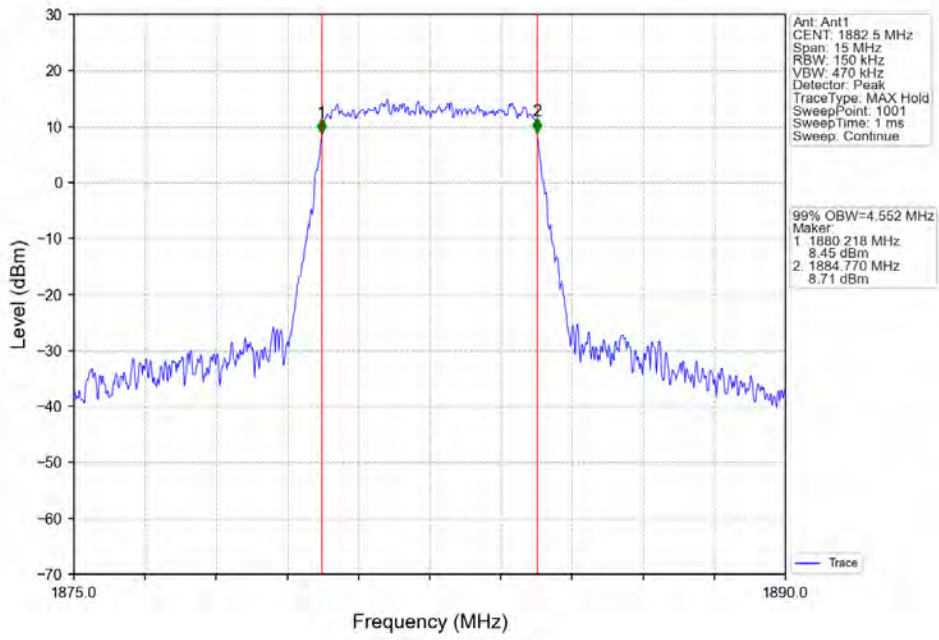


Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

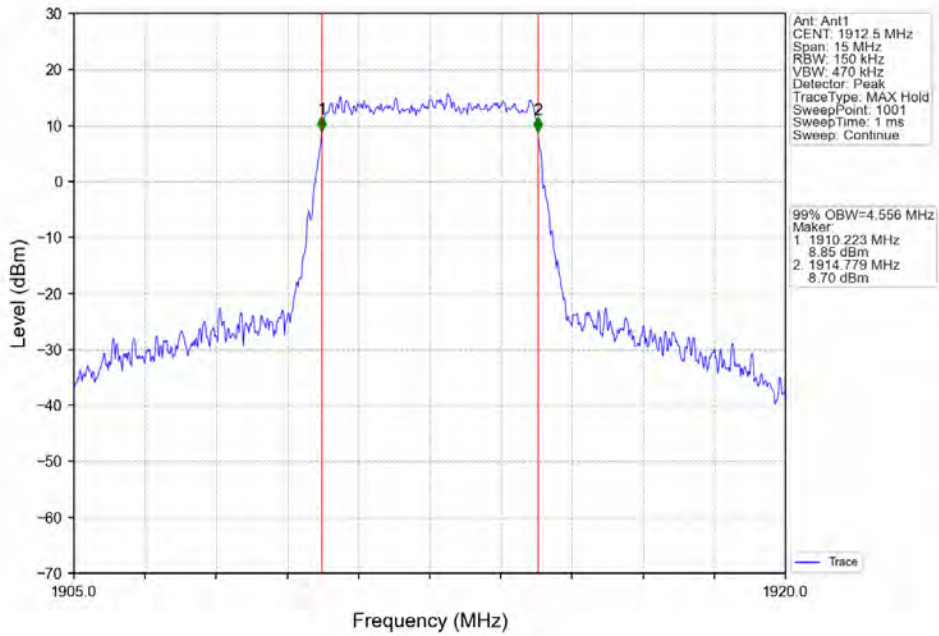




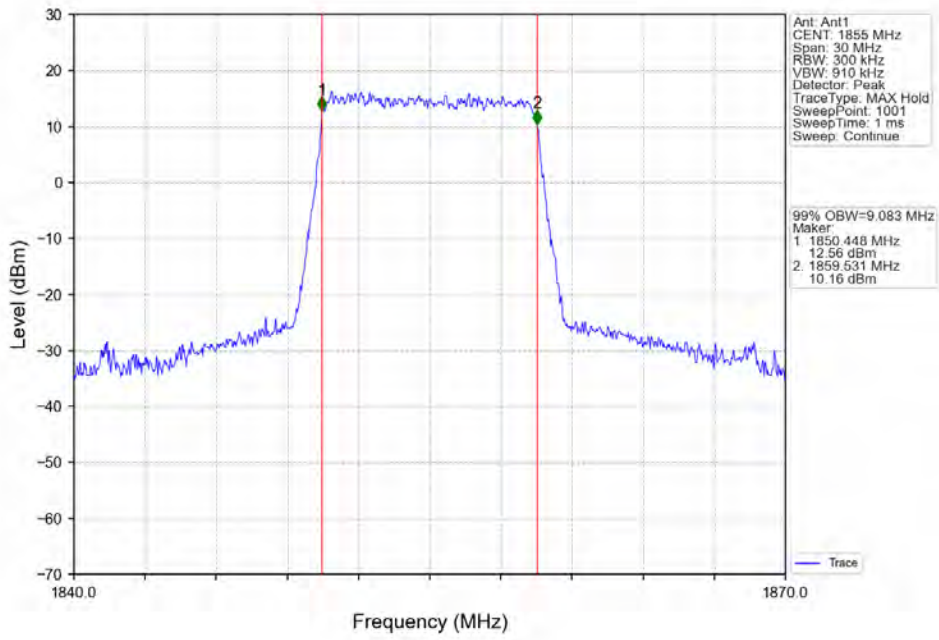
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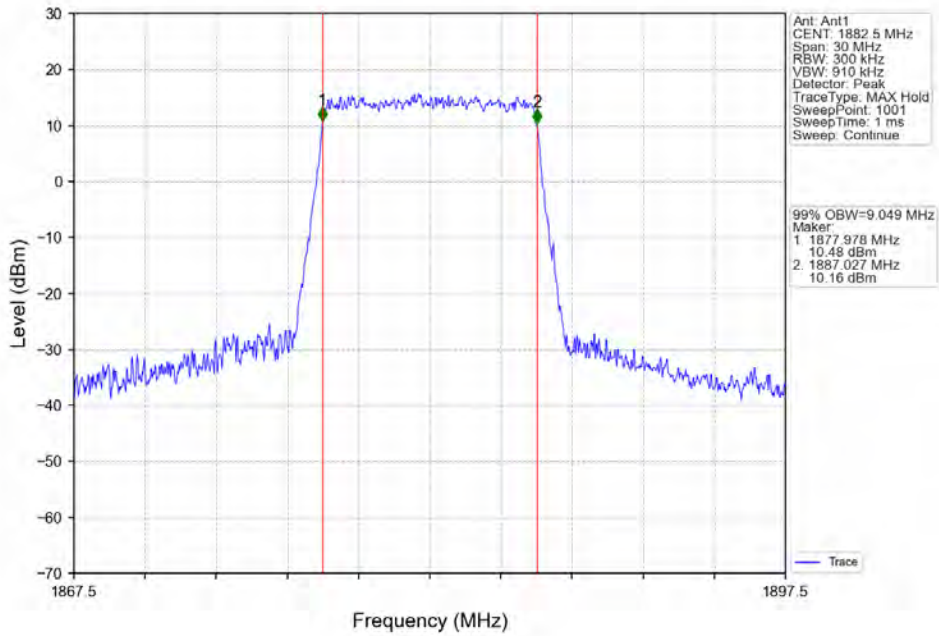
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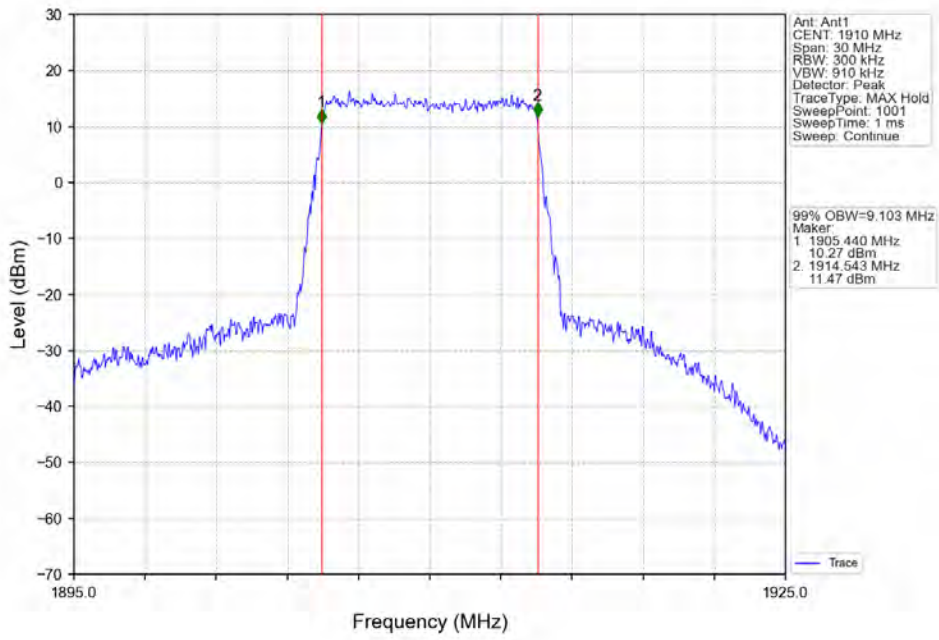
Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



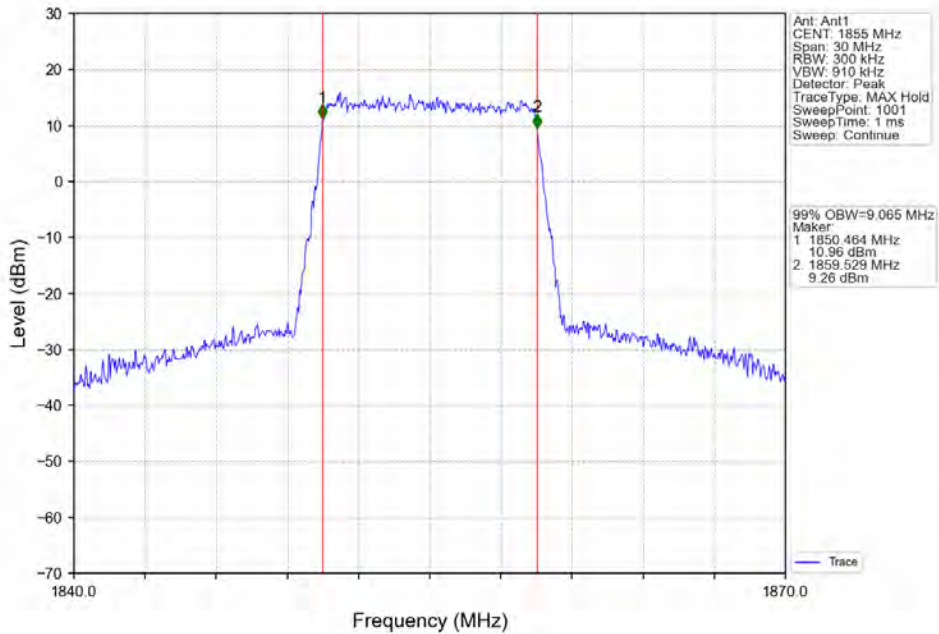
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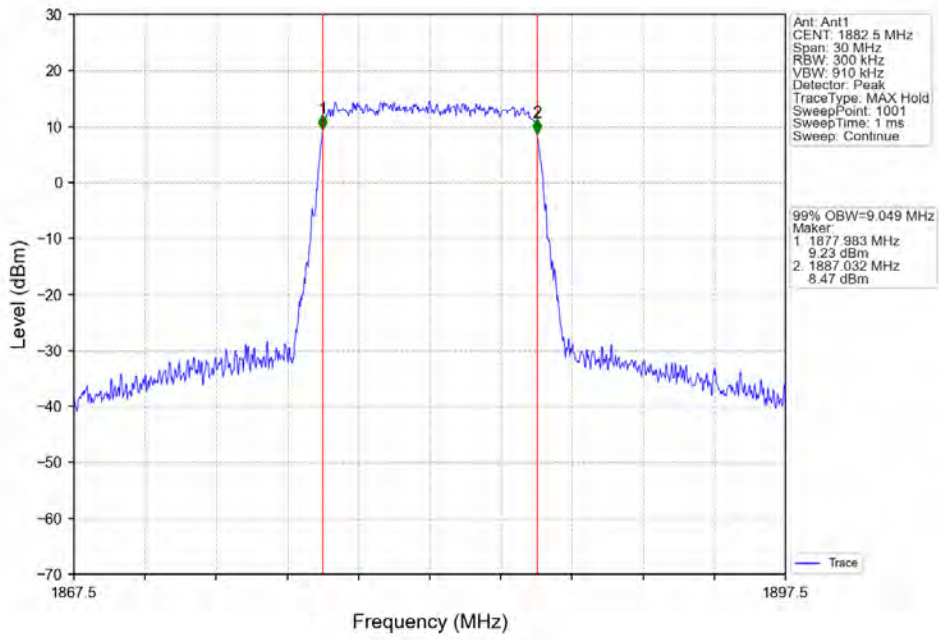
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTNV



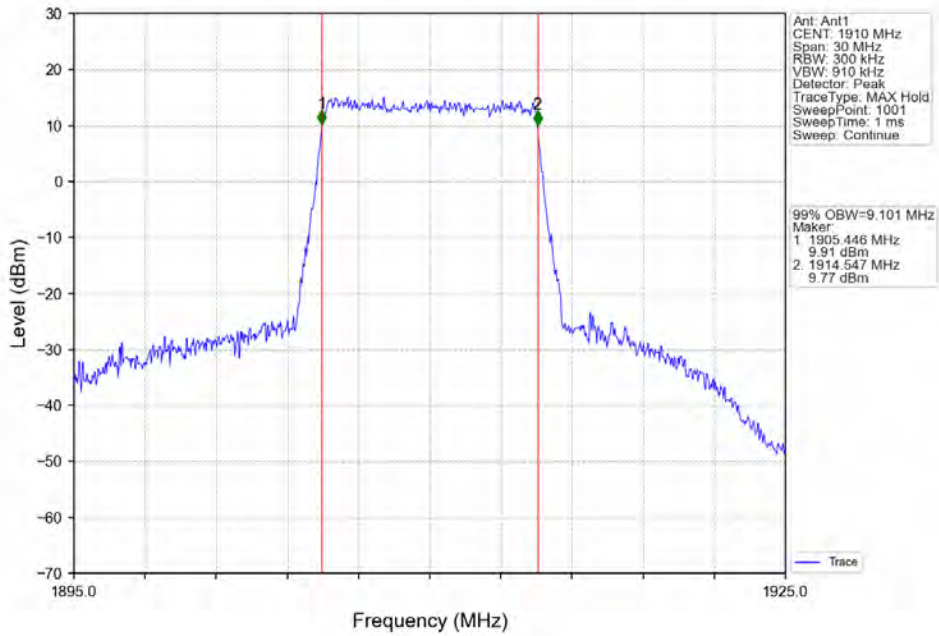
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



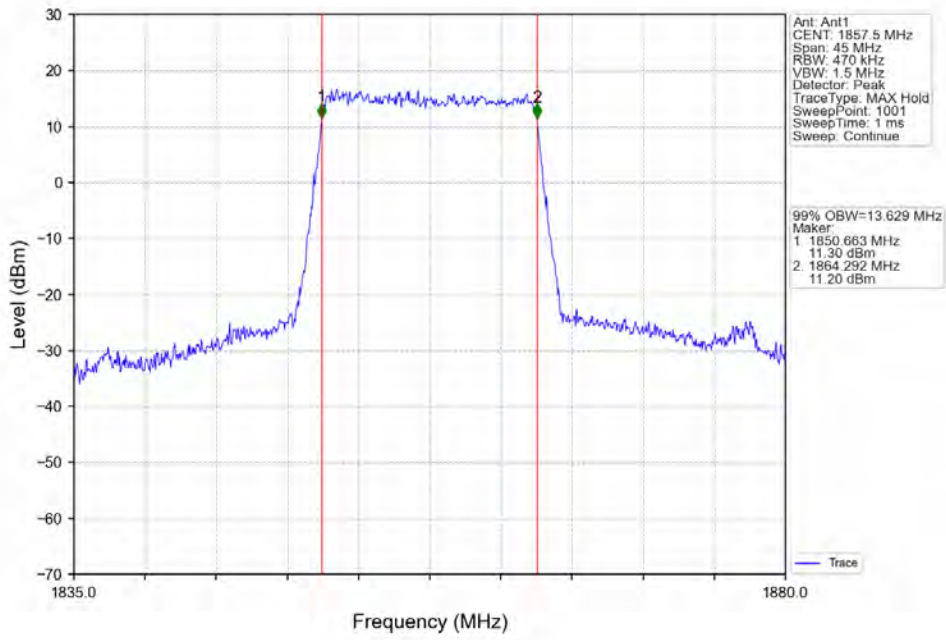
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



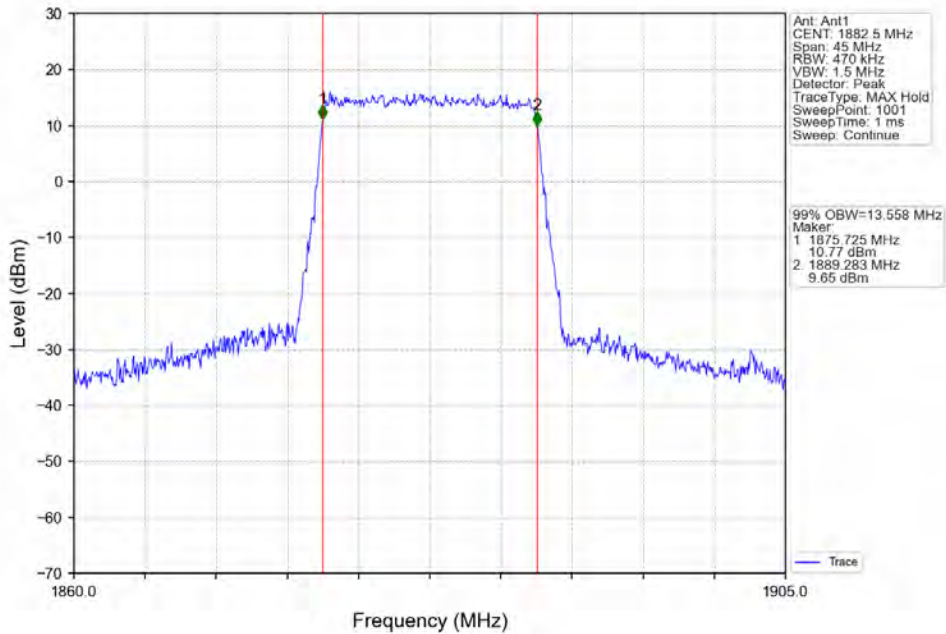
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_50\_0\_NTNV



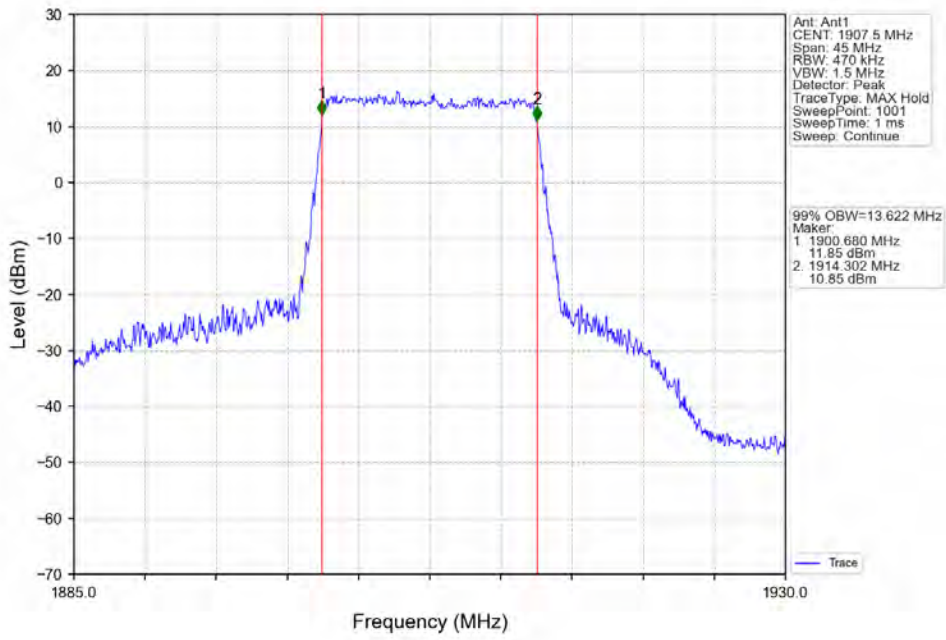
Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



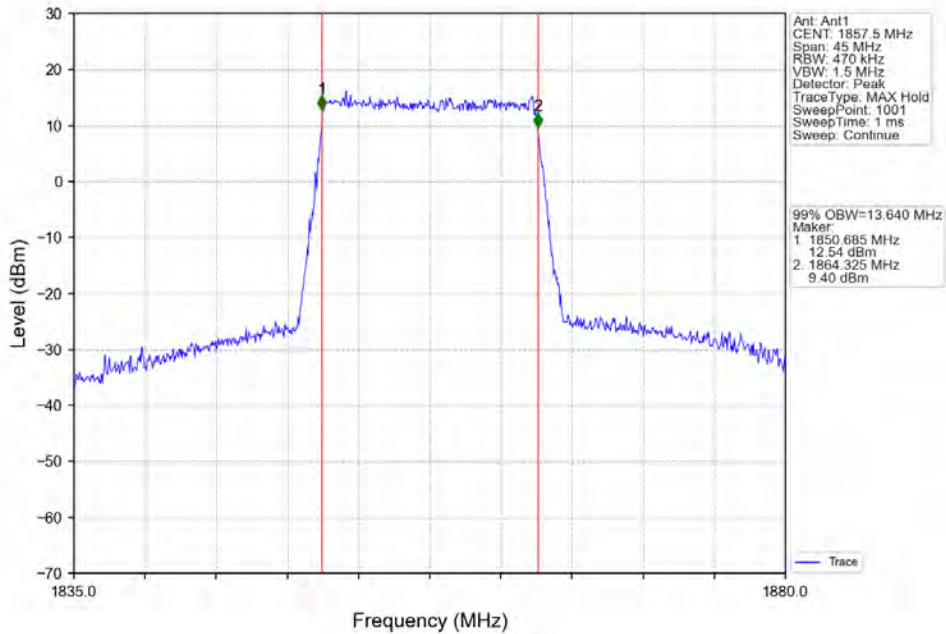
Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



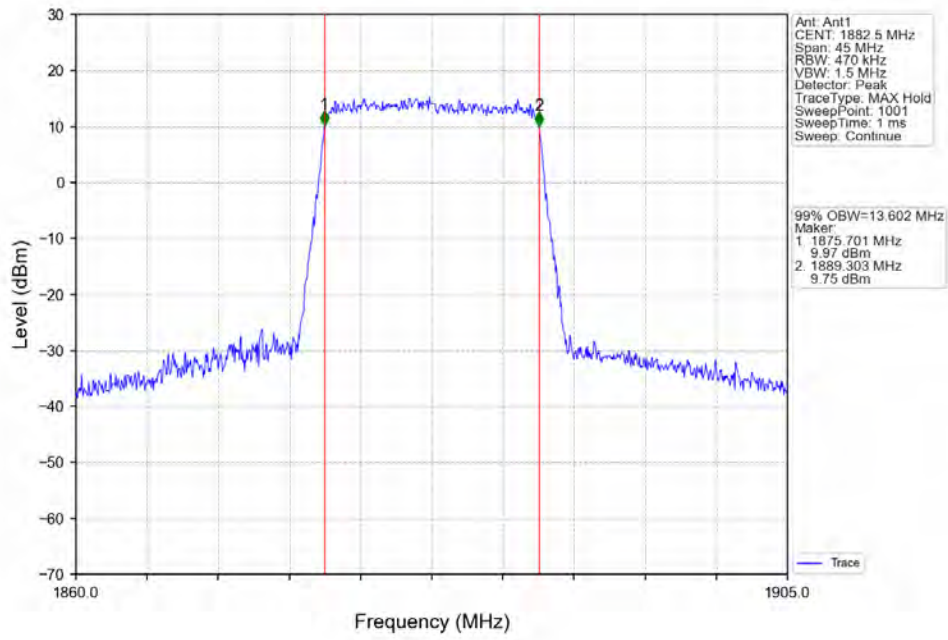
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



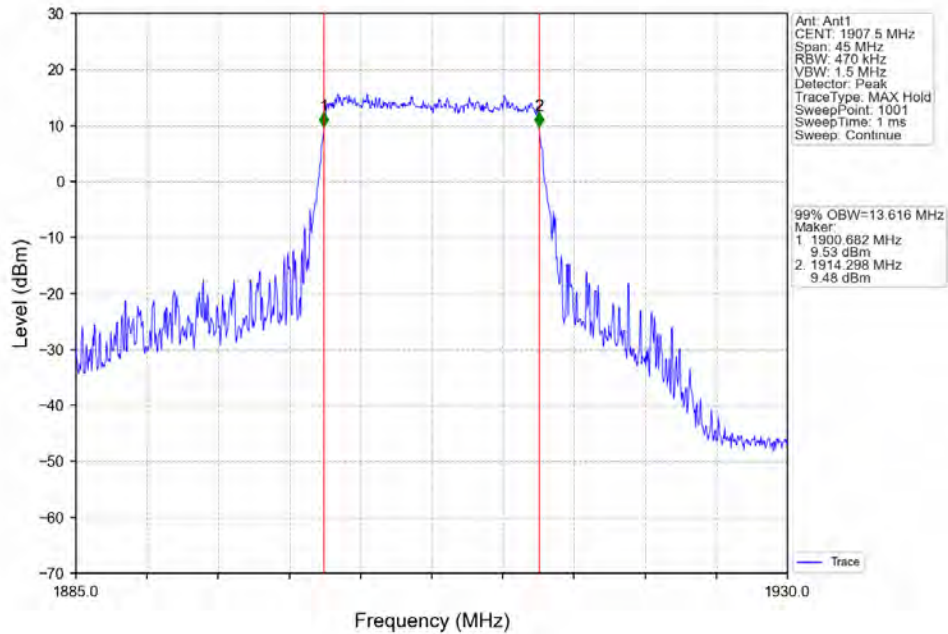
Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



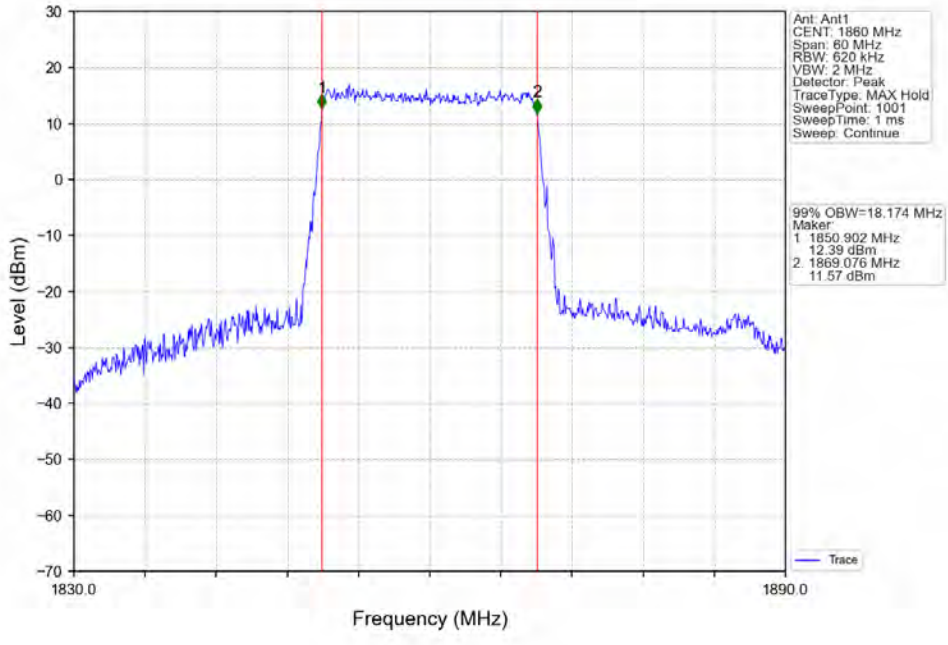
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



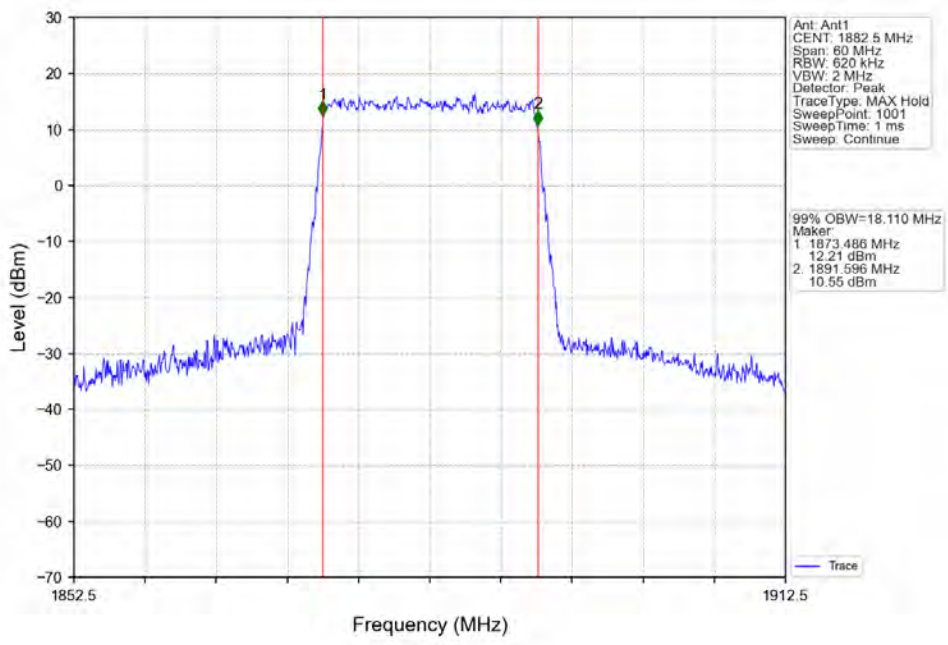
Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



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

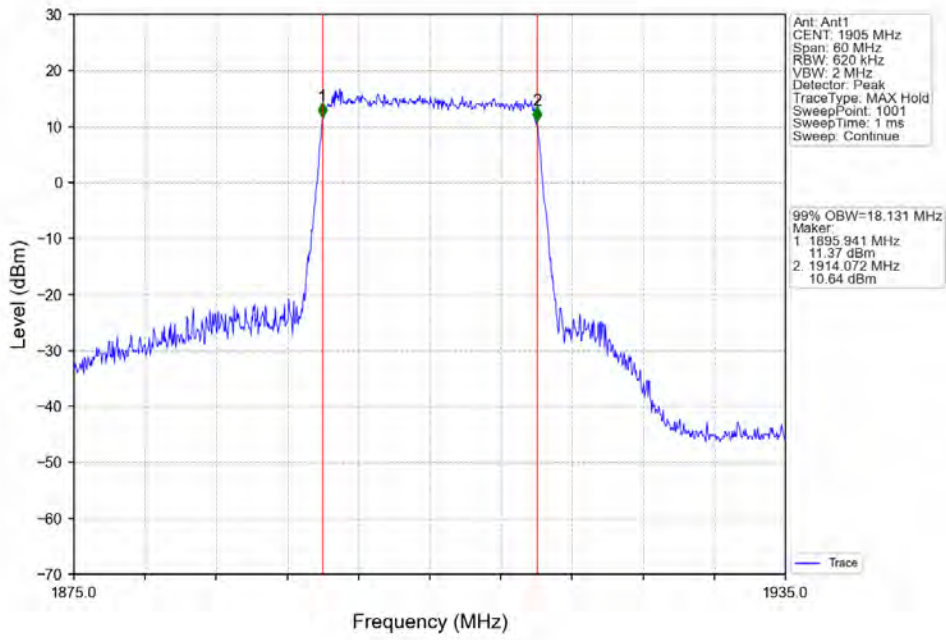


Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV

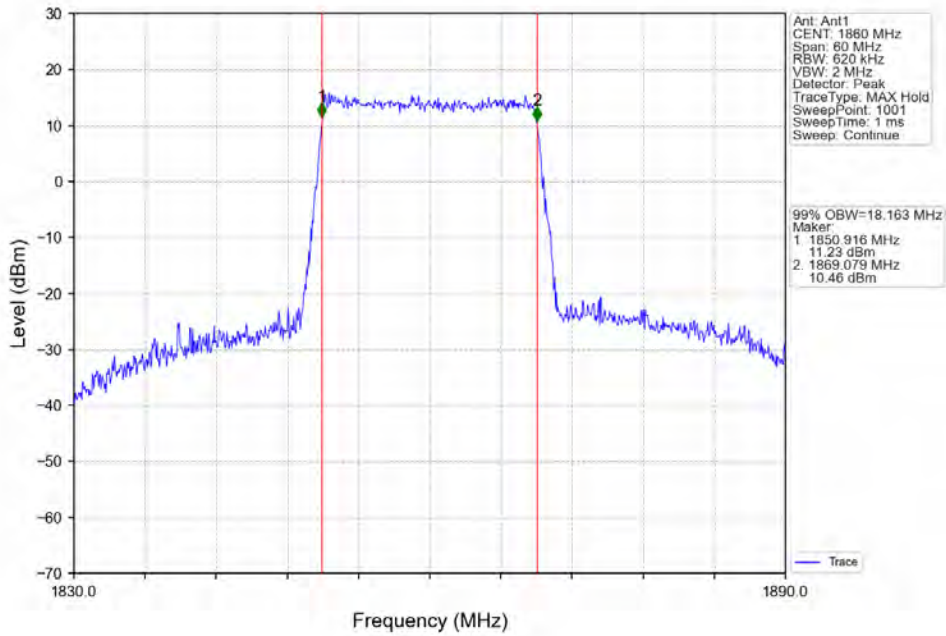




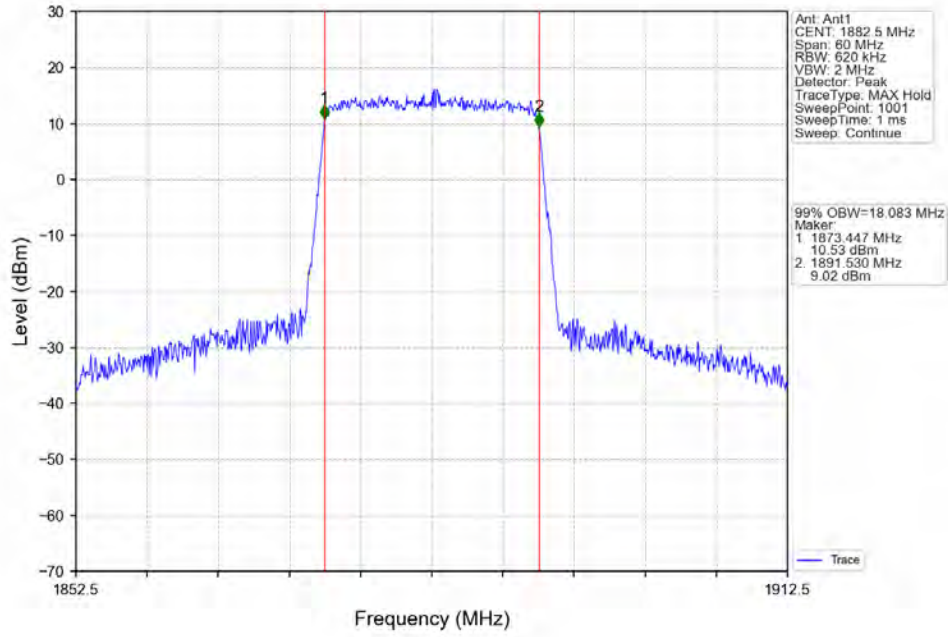
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV



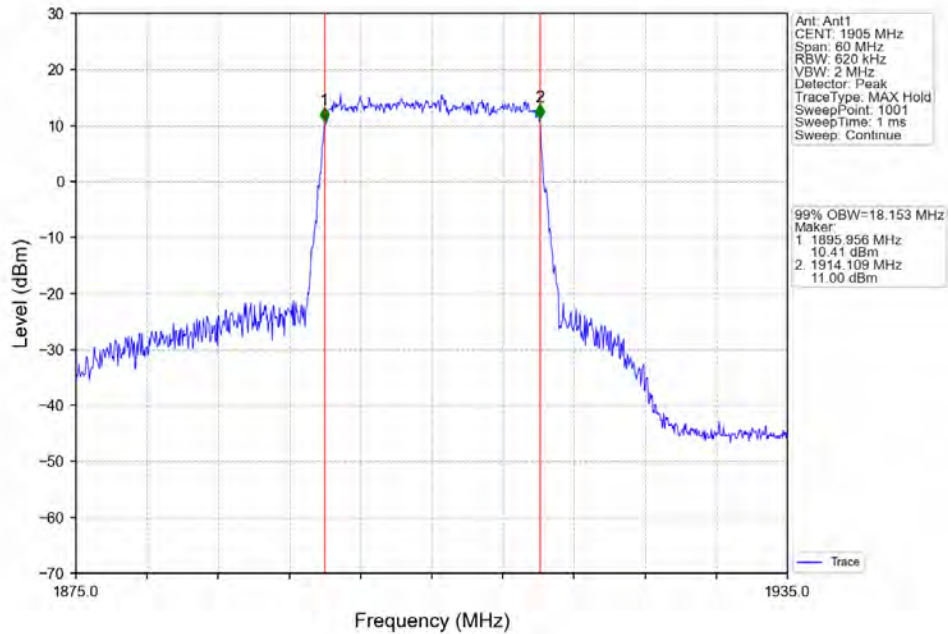
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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

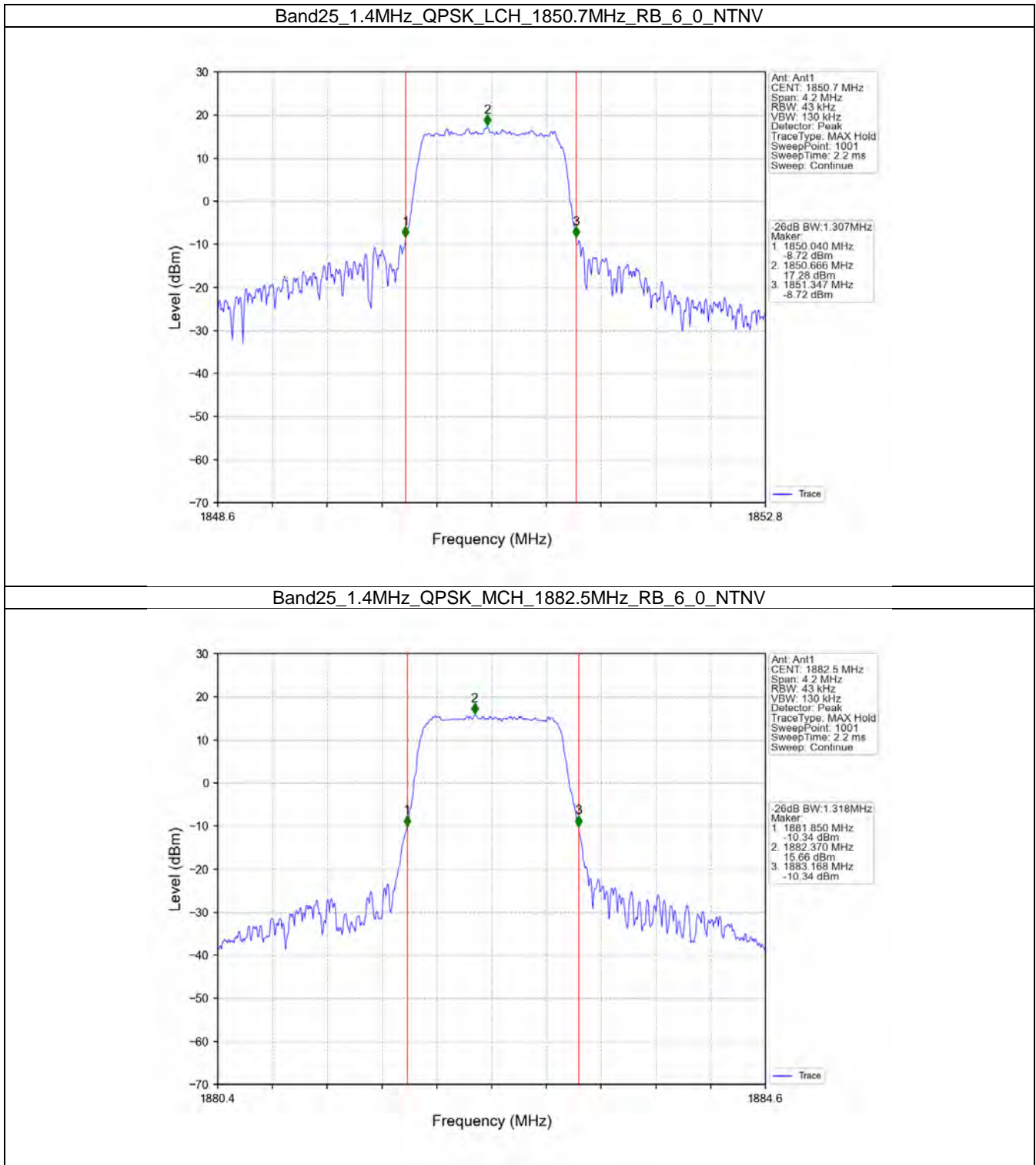


## 4.2 Band25\_XDB

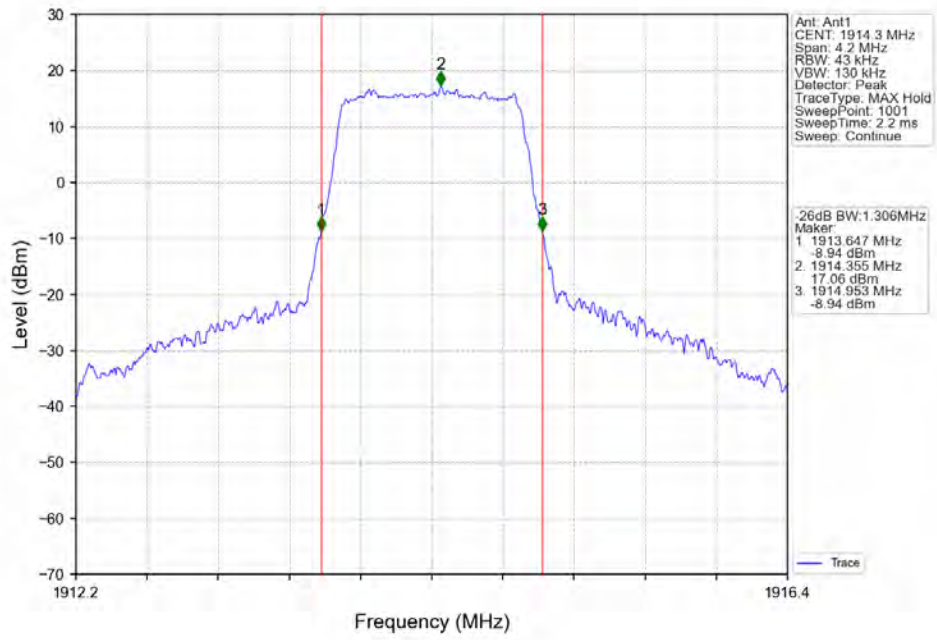
### 4.2.1 Test Result

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.307	/	Pass
		1882.5	6	0	1.318	/	Pass
		1914.3	6	0	1.306	/	Pass
	16QAM	1850.7	6	0	1.516	/	Pass
		1882.5	6	0	1.314	/	Pass
		1914.3	6	0	1.327	/	Pass
3	QPSK	1851.5	15	0	3.002	/	Pass
		1882.5	15	0	3.014	/	Pass
		1913.5	15	0	2.988	/	Pass
	16QAM	1851.5	15	0	2.981	/	Pass
		1882.5	15	0	2.990	/	Pass
		1913.5	15	0	2.995	/	Pass
5	QPSK	1852.5	25	0	5.324	/	Pass
		1882.5	25	0	5.203	/	Pass
		1912.5	25	0	5.246	/	Pass
	16QAM	1852.5	25	0	5.339	/	Pass
		1882.5	25	0	5.233	/	Pass
		1912.5	25	0	5.205	/	Pass
10	QPSK	1855	50	0	10.254	/	Pass
		1882.5	50	0	10.184	/	Pass
		1910	50	0	10.281	/	Pass
	16QAM	1855	50	0	10.243	/	Pass
		1882.5	50	0	10.143	/	Pass
		1910	50	0	10.324	/	Pass
15	QPSK	1857.5	75	0	15.349	/	Pass
		1882.5	75	0	15.199	/	Pass
		1907.5	75	0	15.288	/	Pass
	16QAM	1857.5	75	0	15.241	/	Pass
		1882.5	75	0	15.307	/	Pass
		1907.5	75	0	15.937	/	Pass
20	QPSK	1860	100	0	20.118	/	Pass
		1882.5	100	0	20.011	/	Pass
		1905	100	0	19.990	/	Pass
	16QAM	1860	100	0	20.282	/	Pass
		1882.5	100	0	19.982	/	Pass
		1905	100	0	20.003	/	Pass

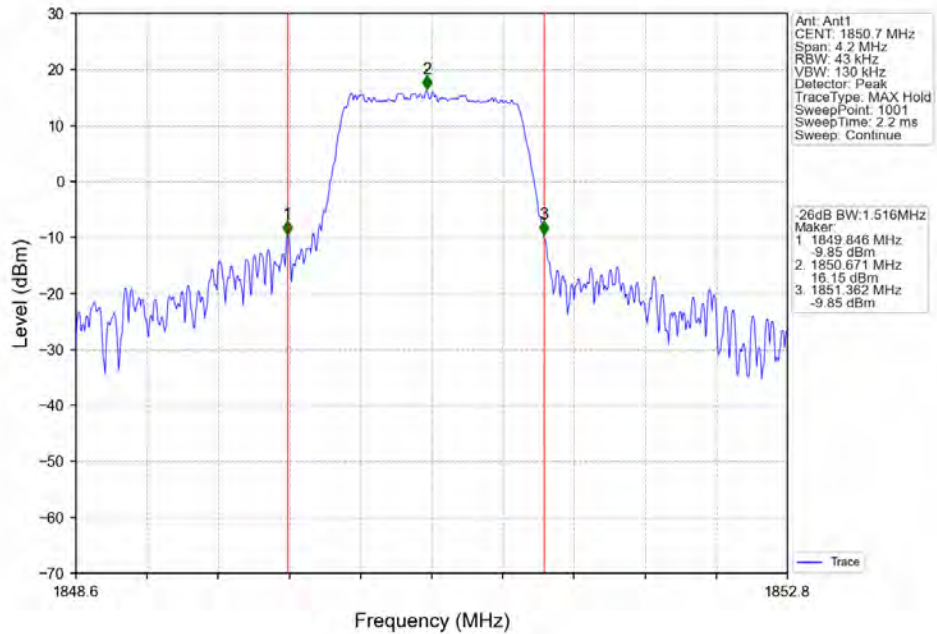
## 4.2.2 Test Graph



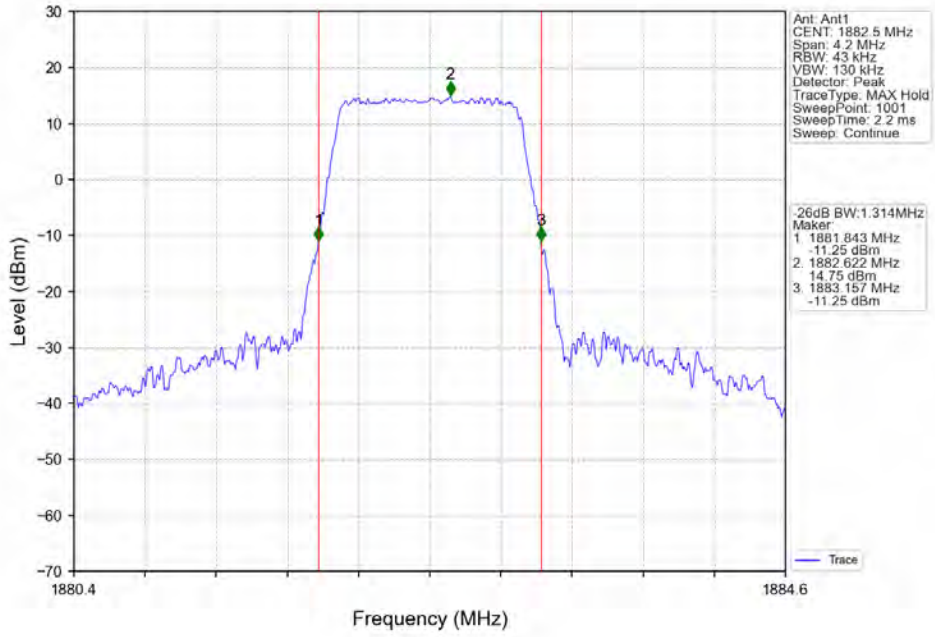
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



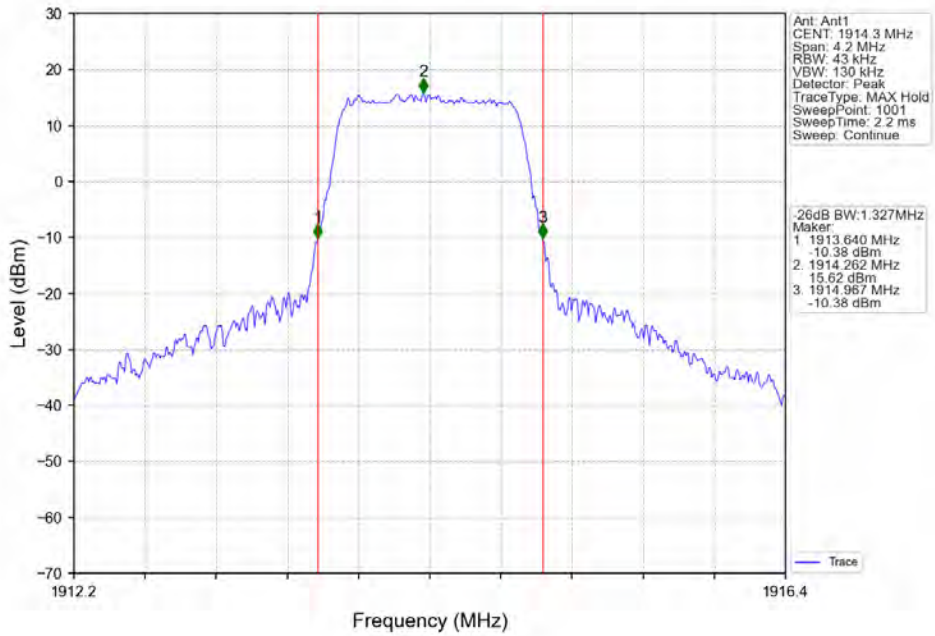
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



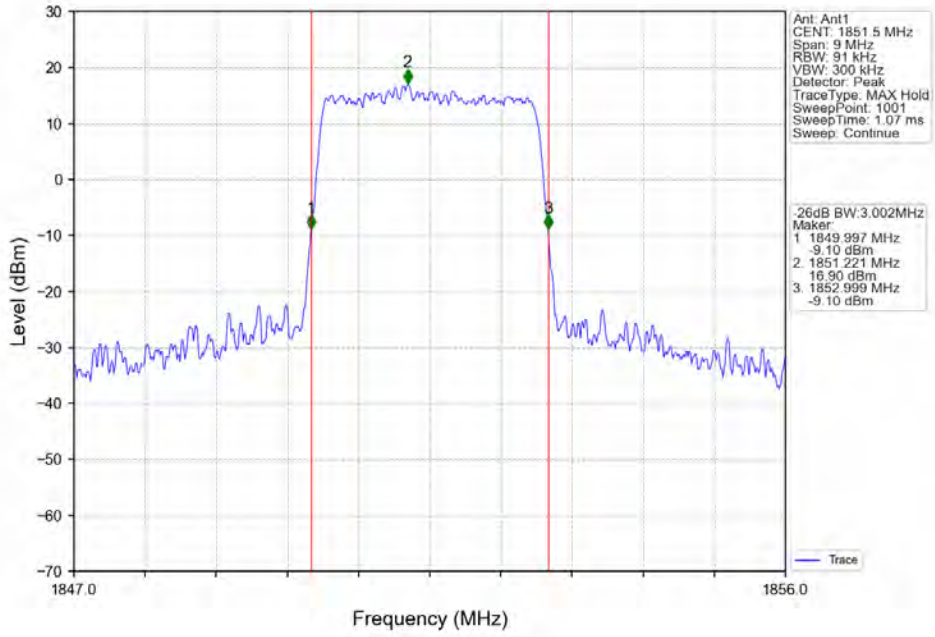
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_6\_0\_NTNV



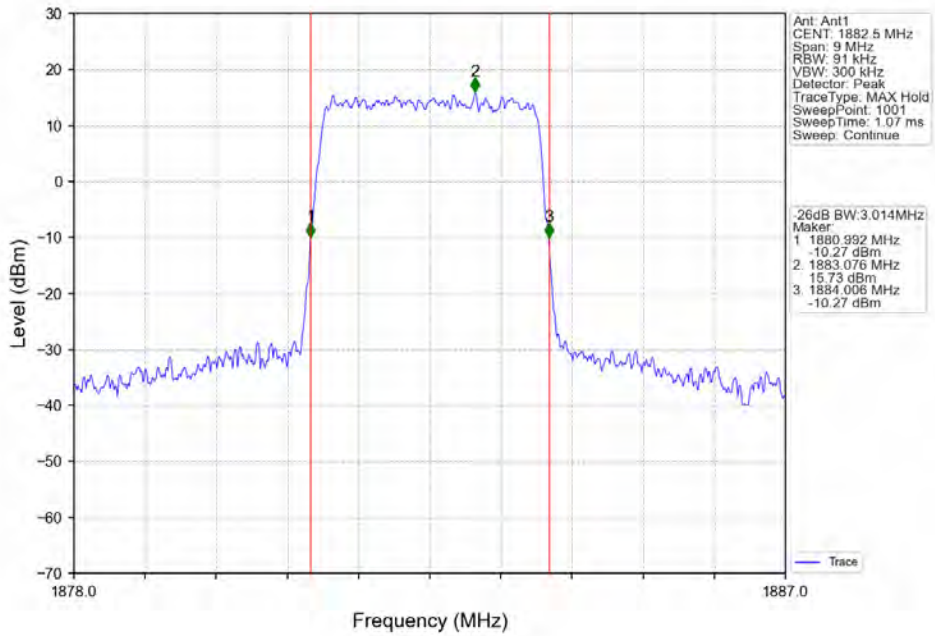
Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



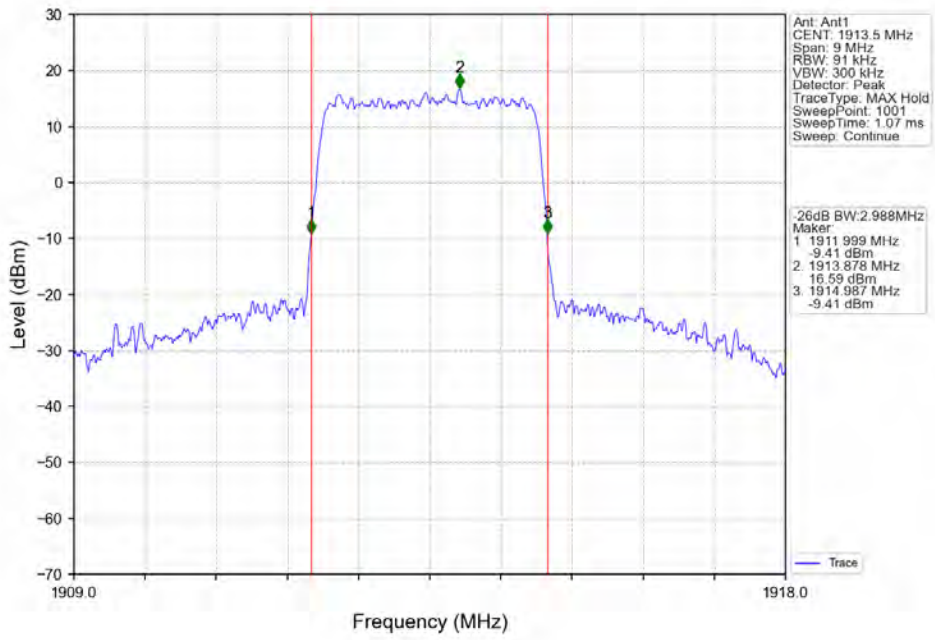
Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



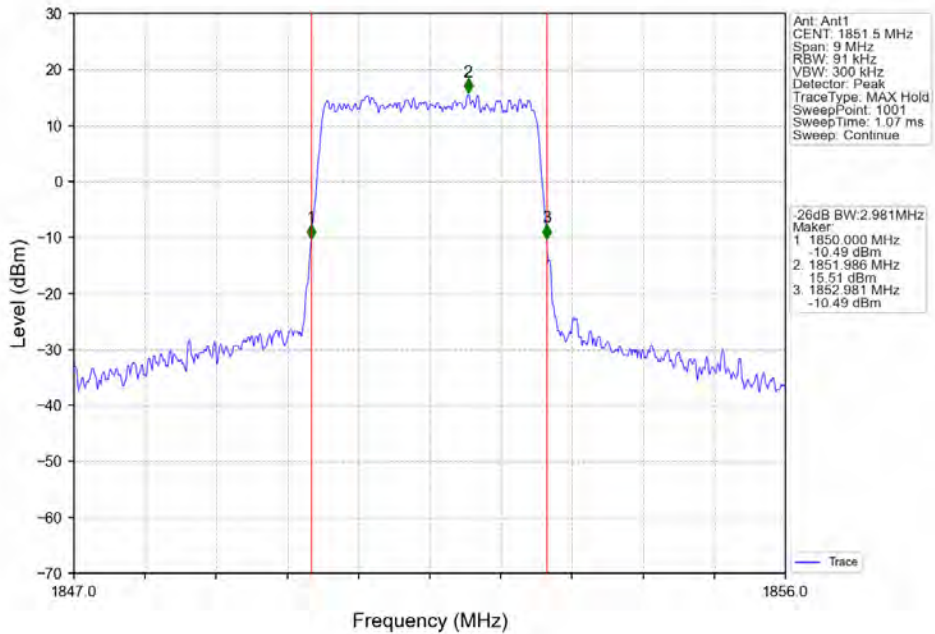
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



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

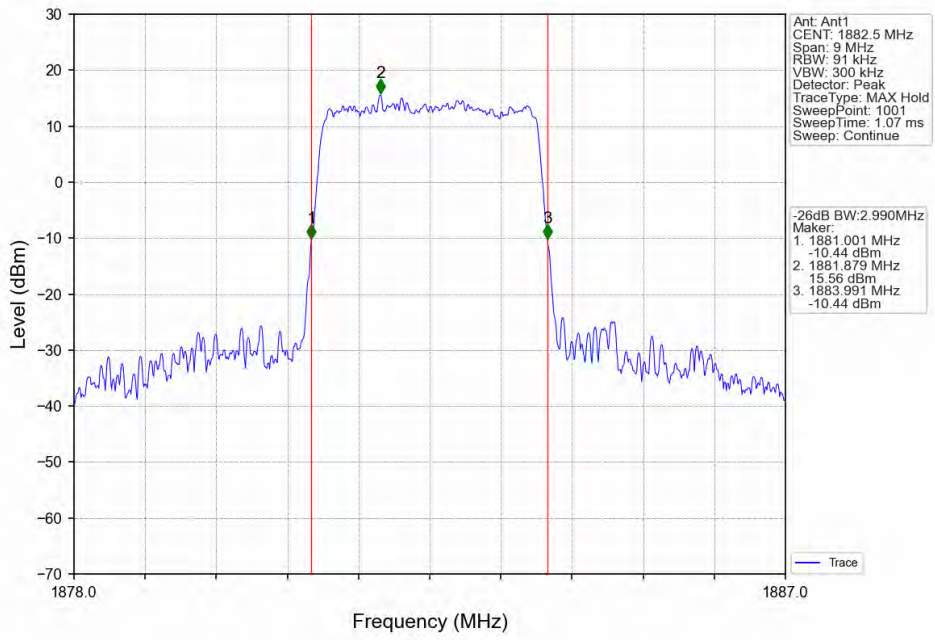


Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

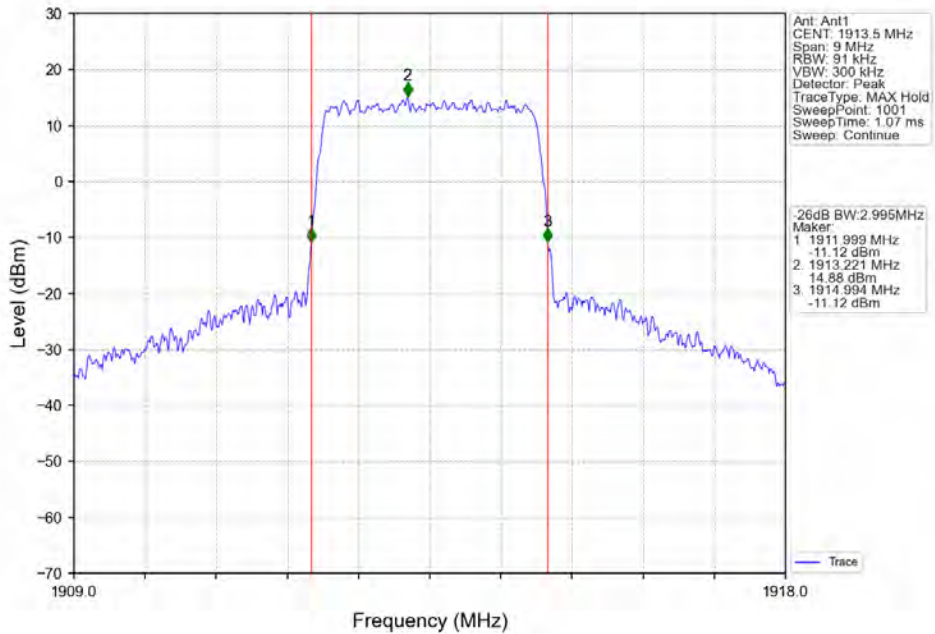




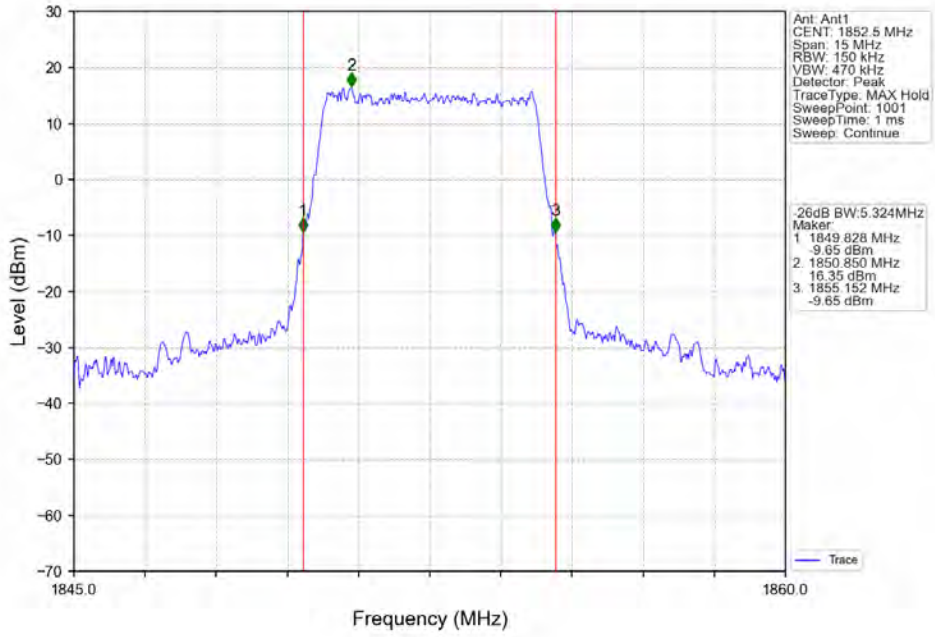
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



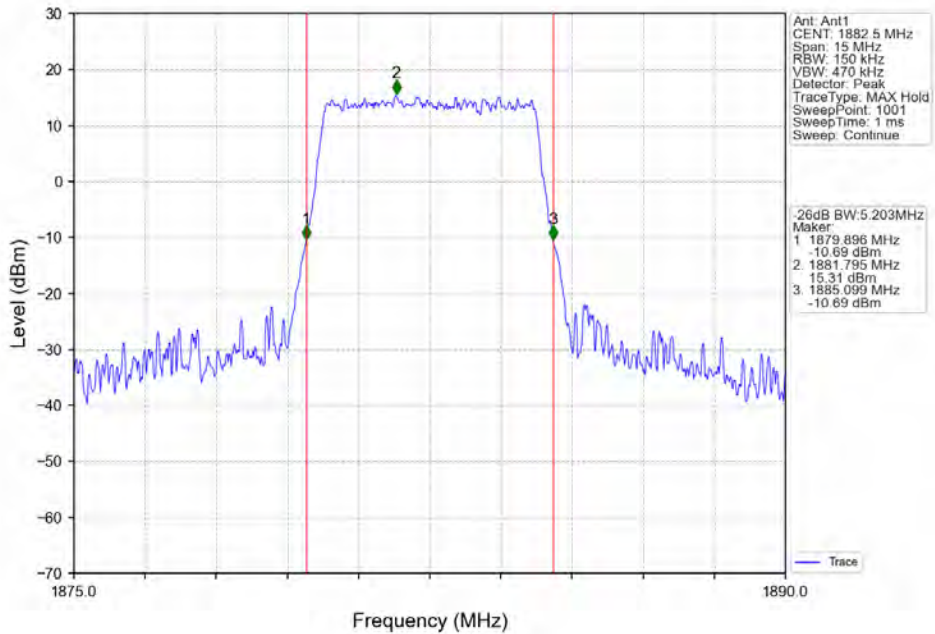
Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



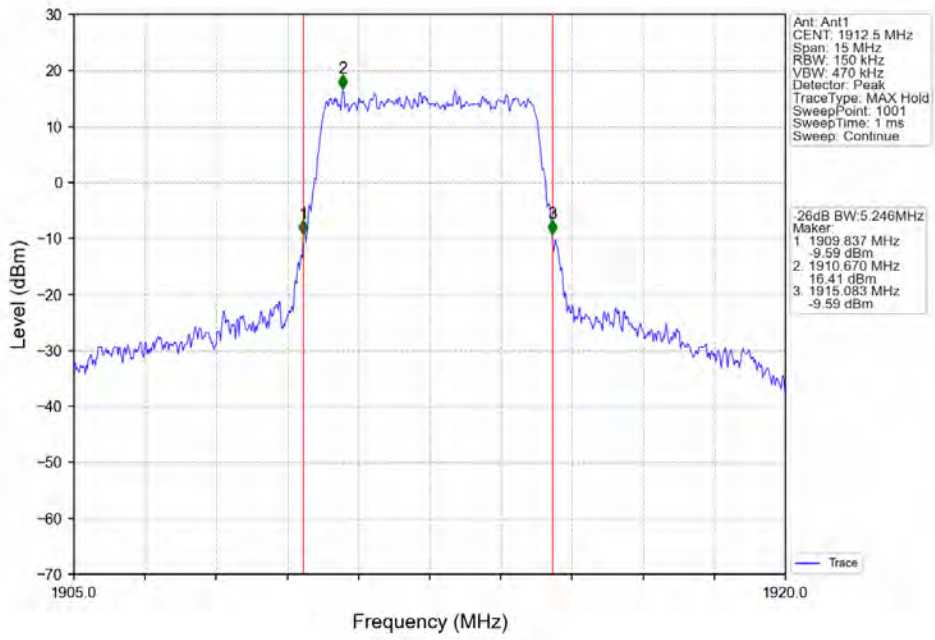
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



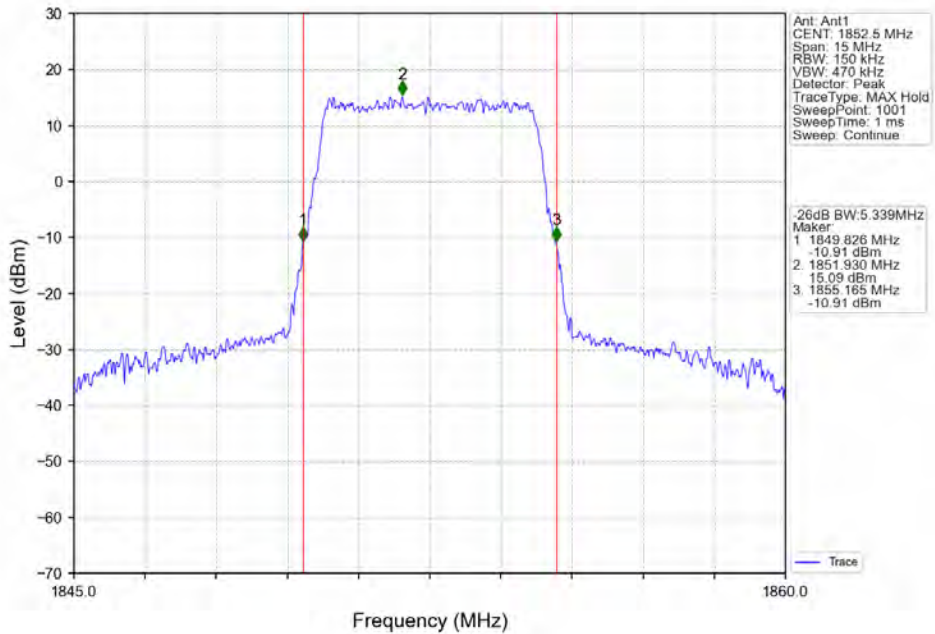
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



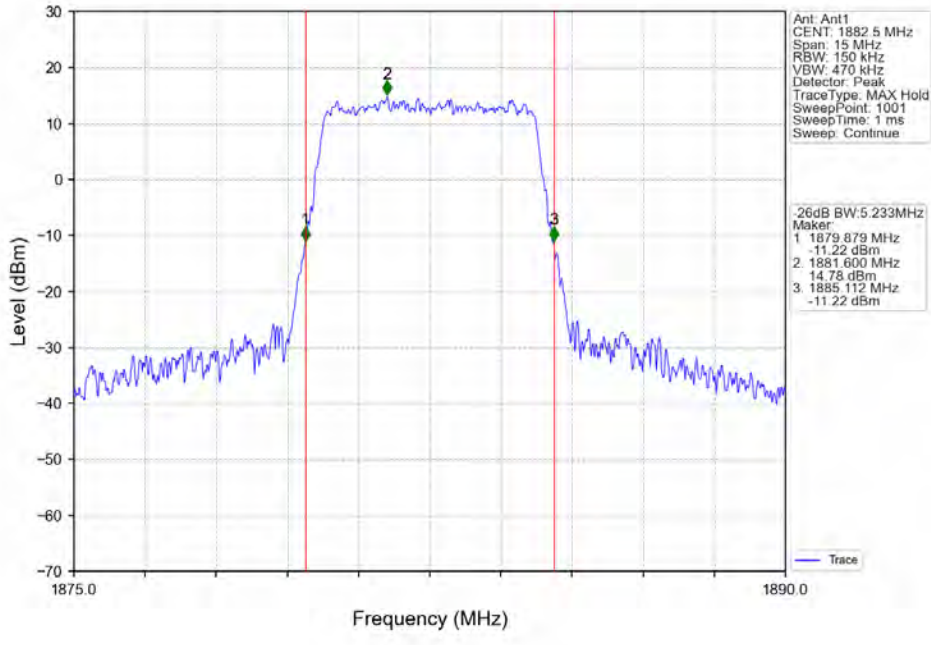
Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



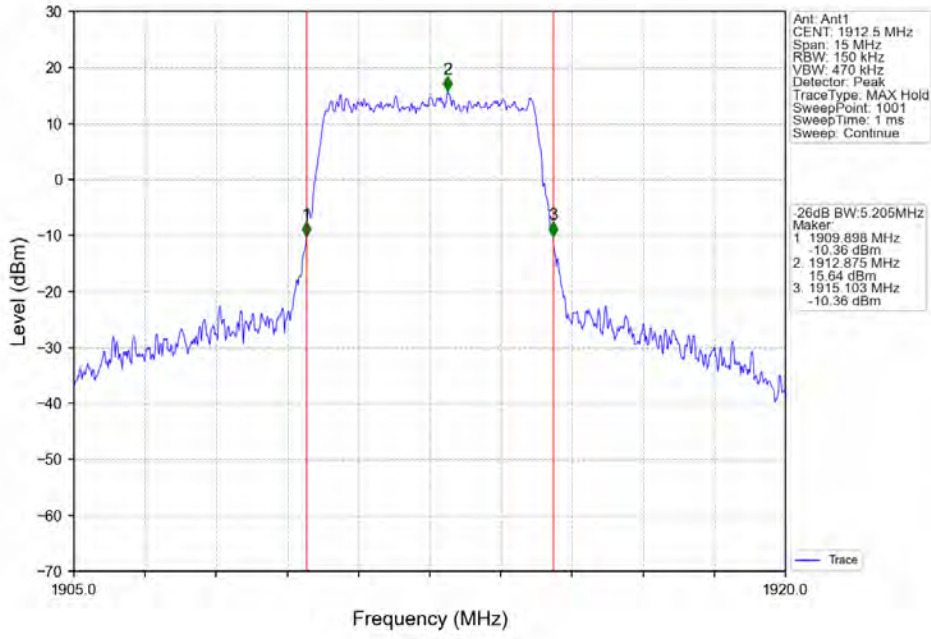
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



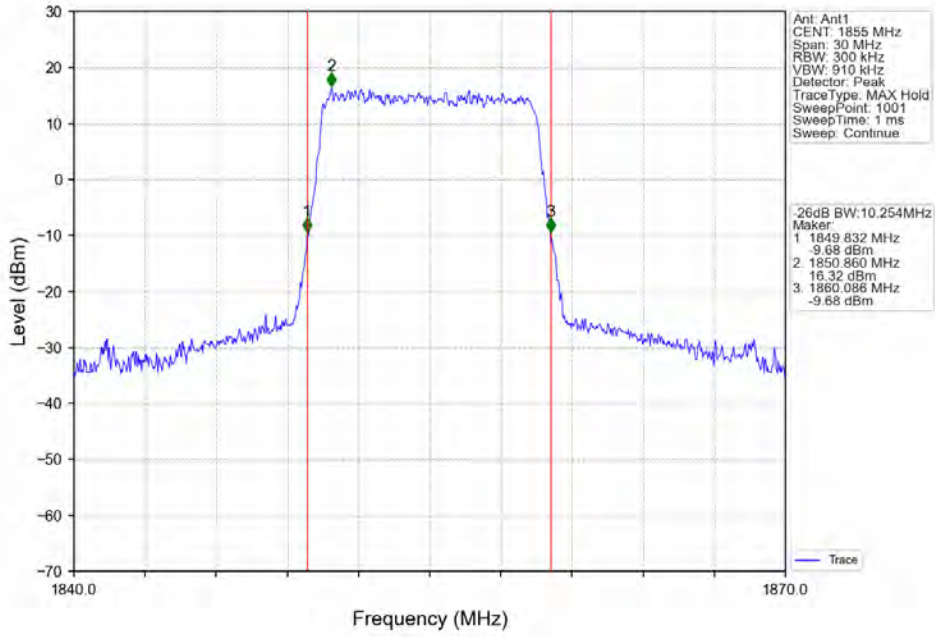
Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



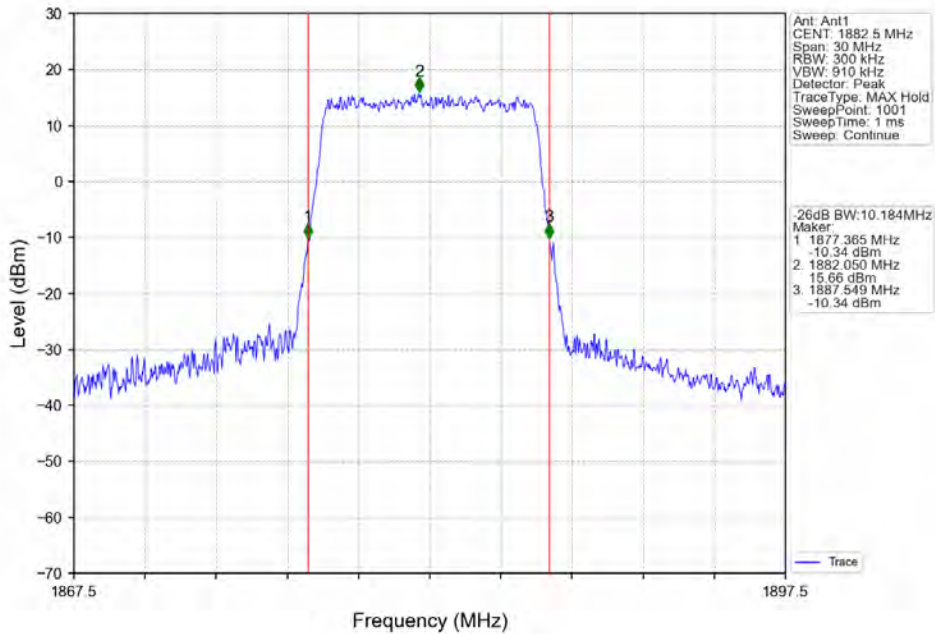
Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



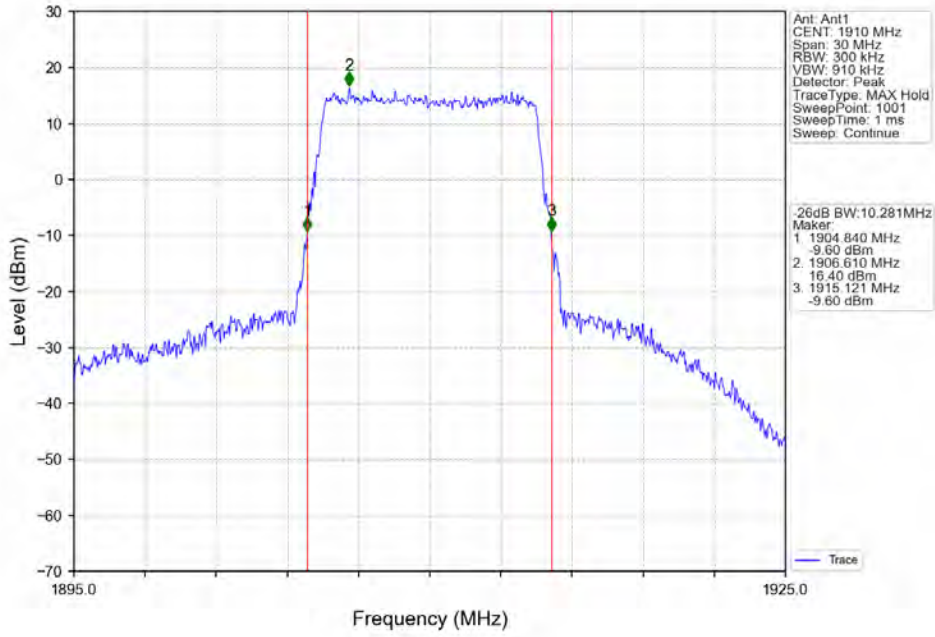
Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



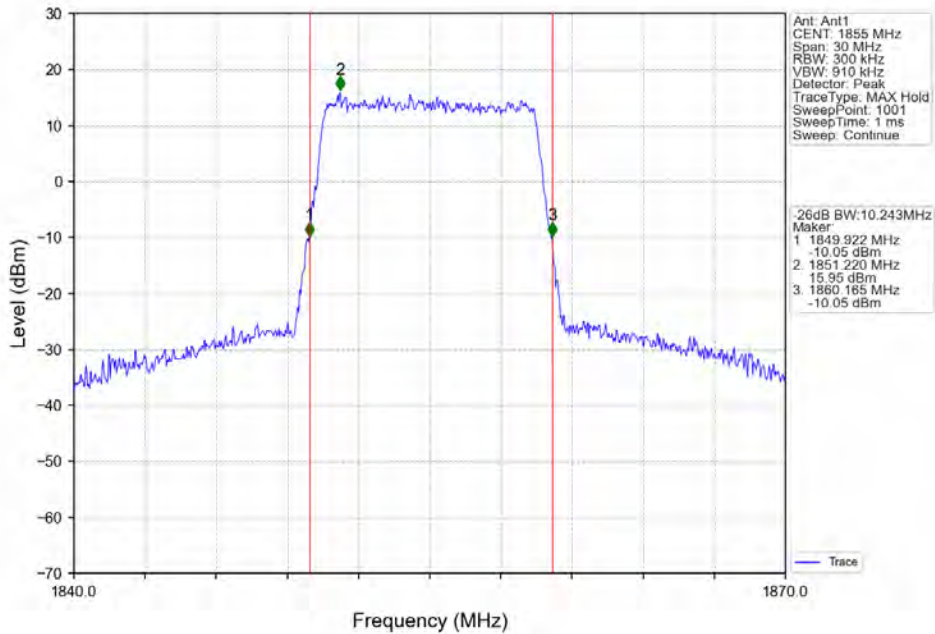
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



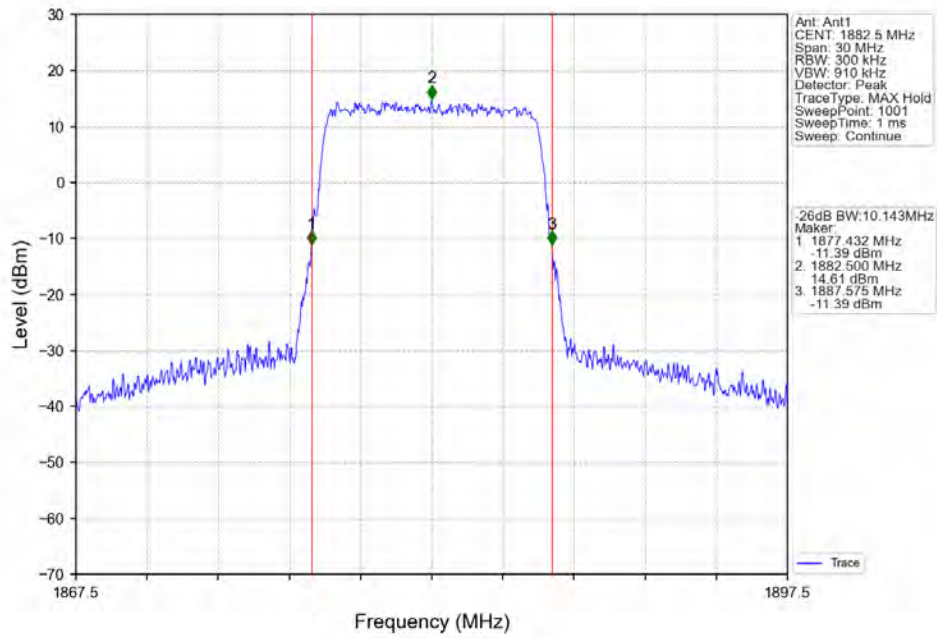
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTNV



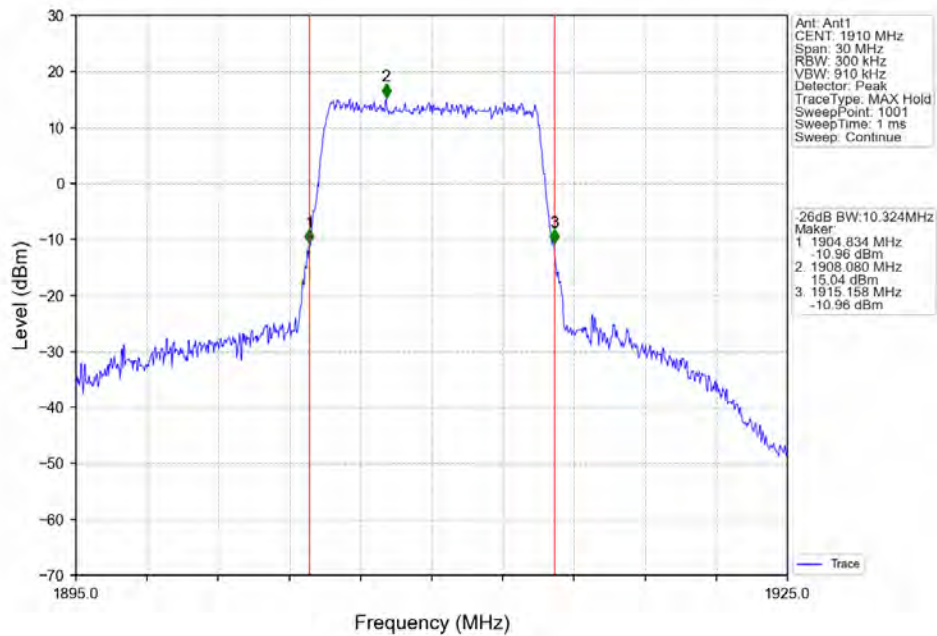
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



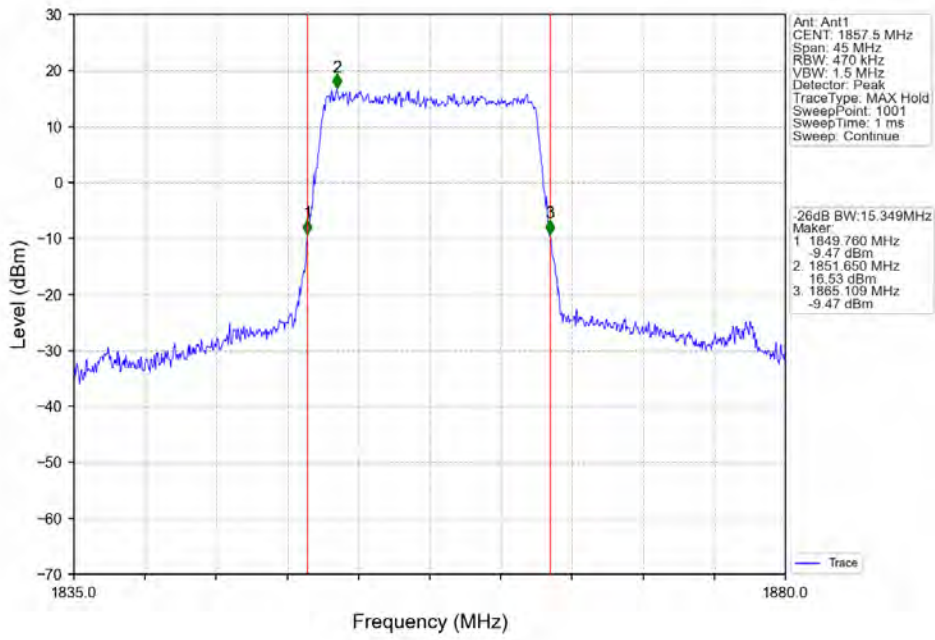
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



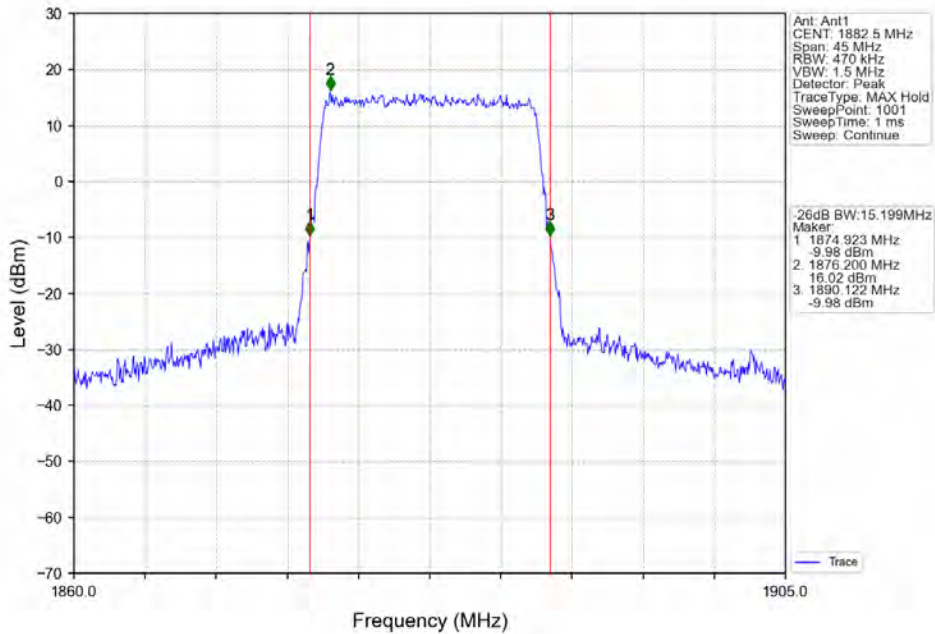
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_50\_0\_NTNV



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

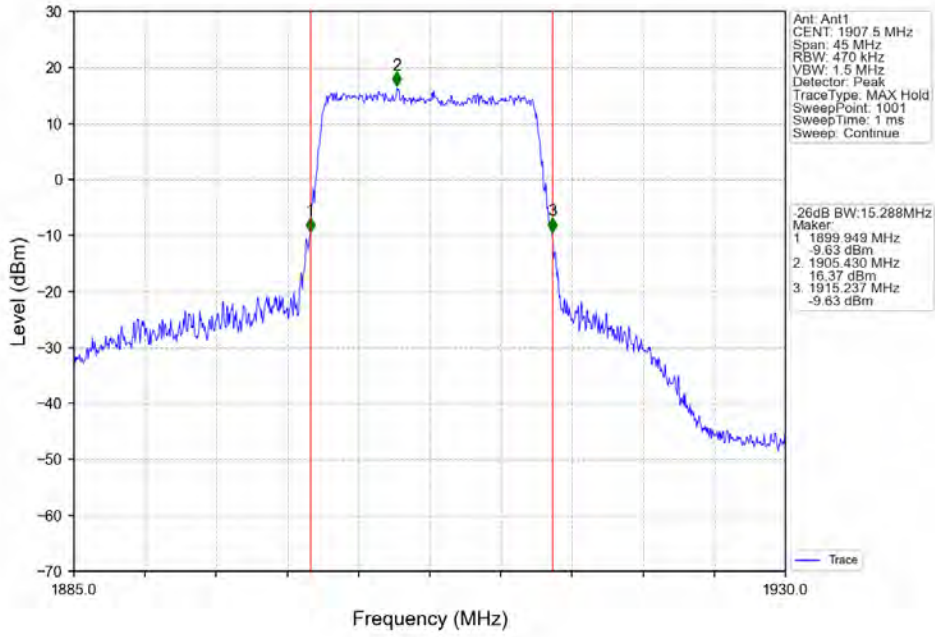


Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV

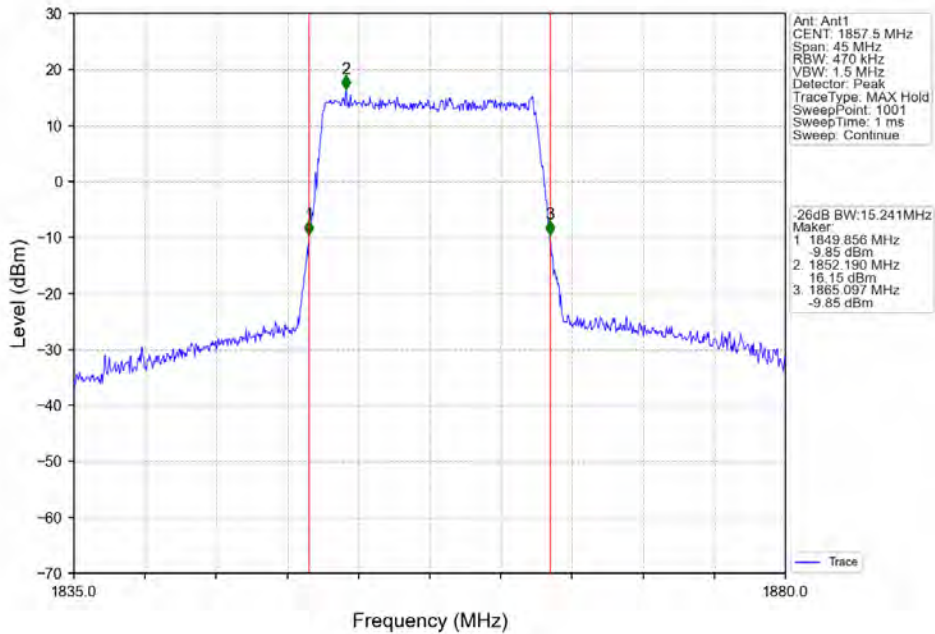




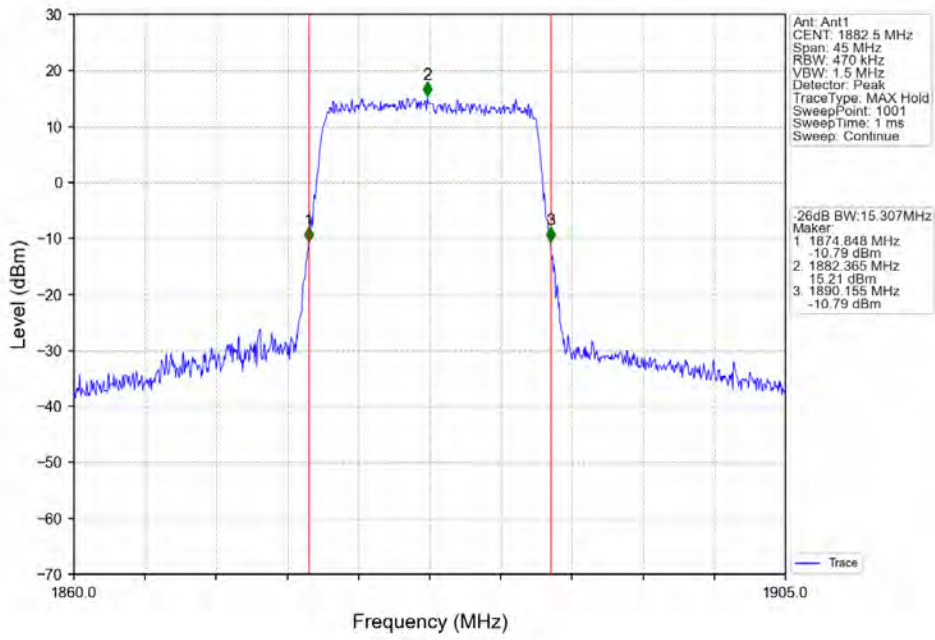
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



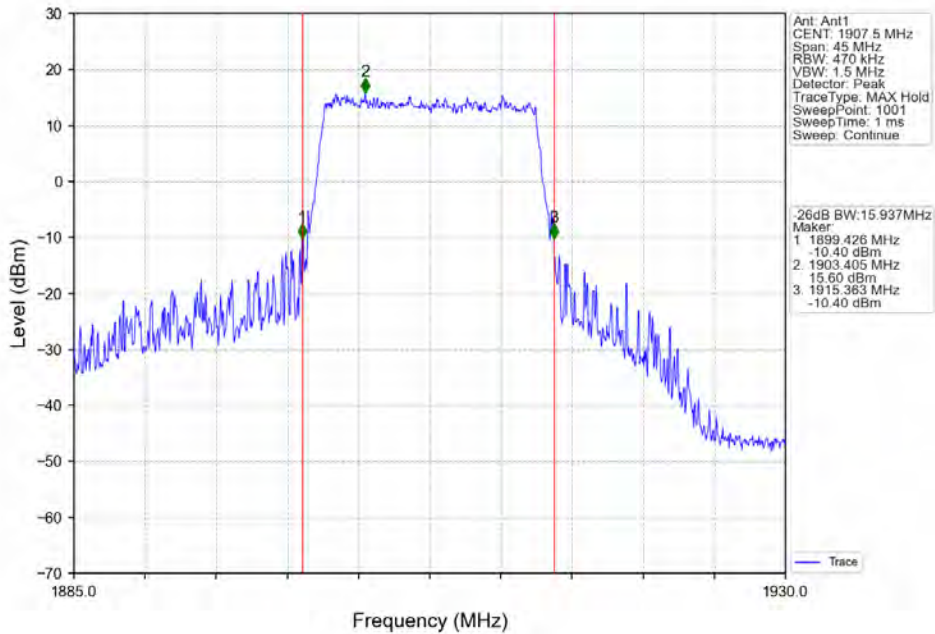
Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



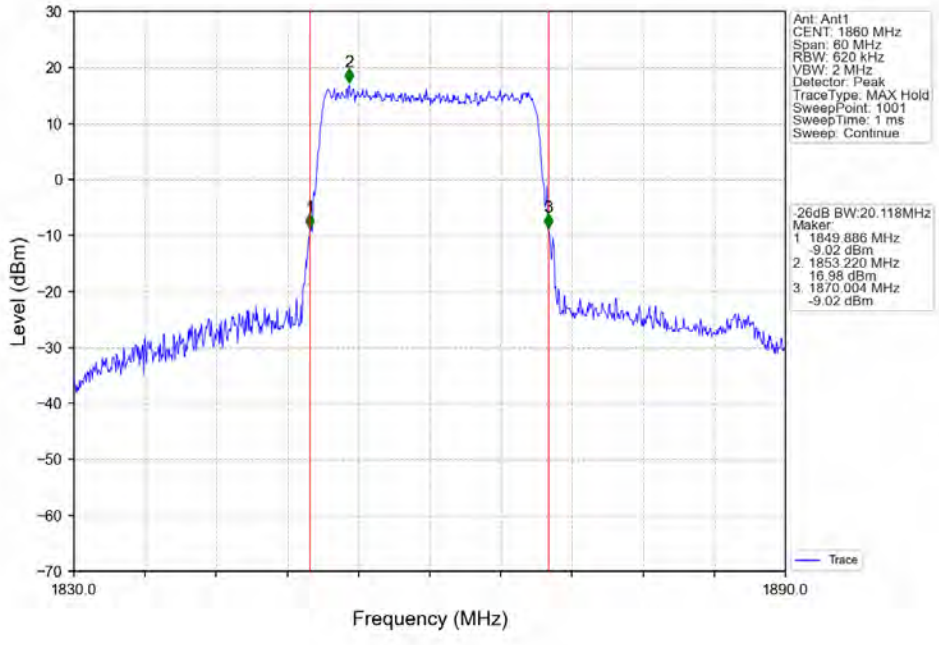
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



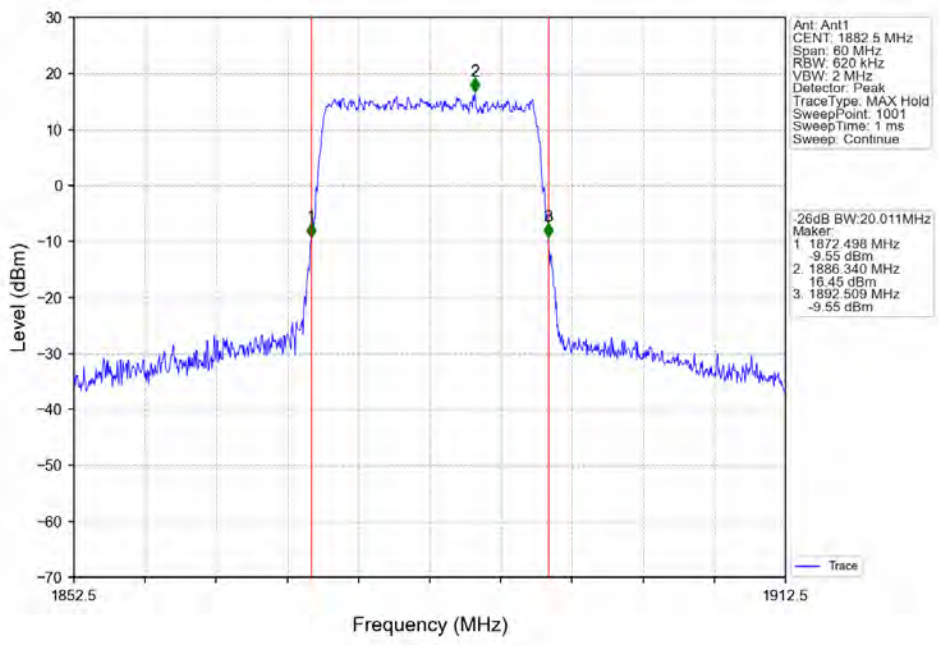
Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



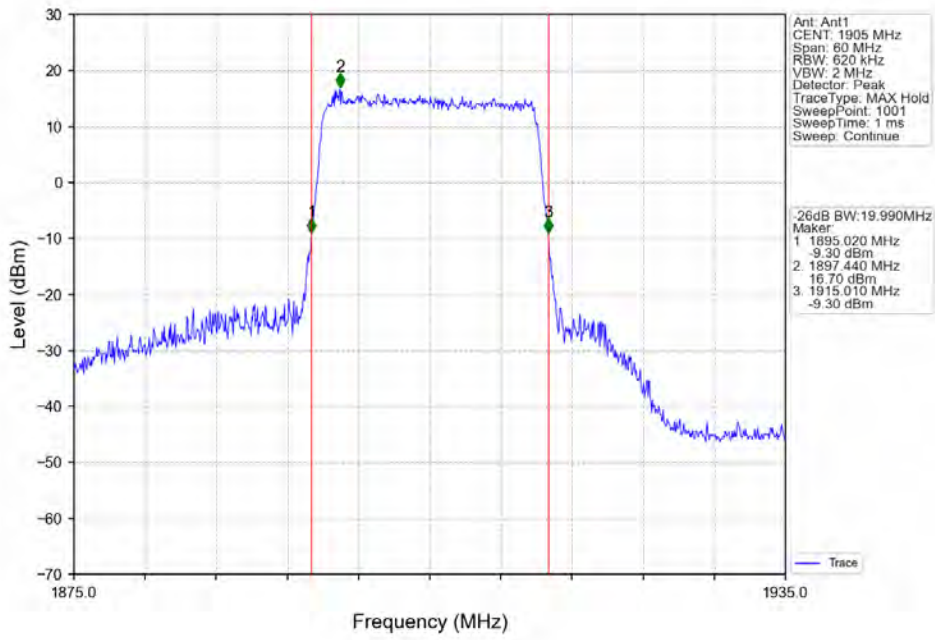
Band25\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



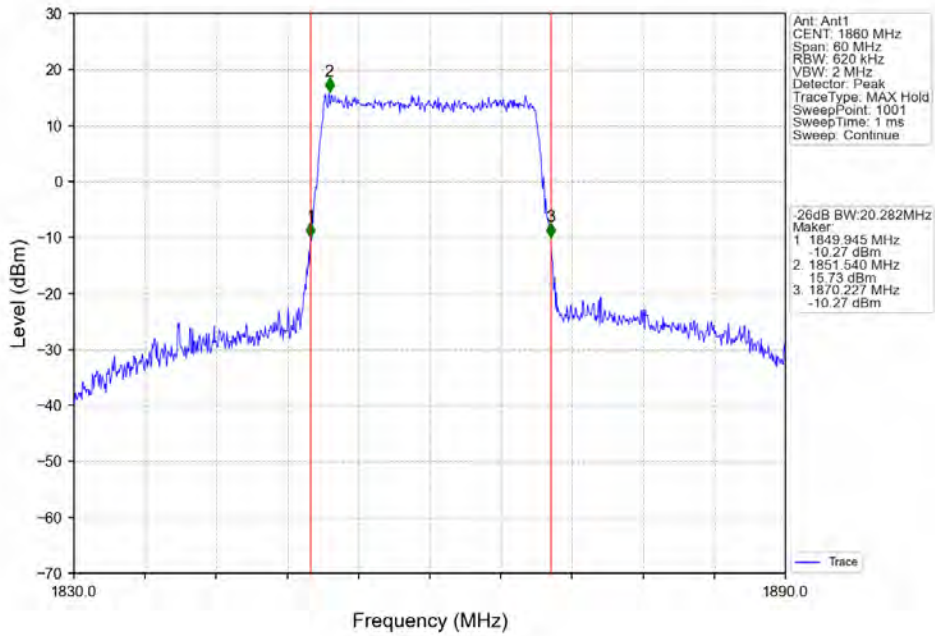
Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV



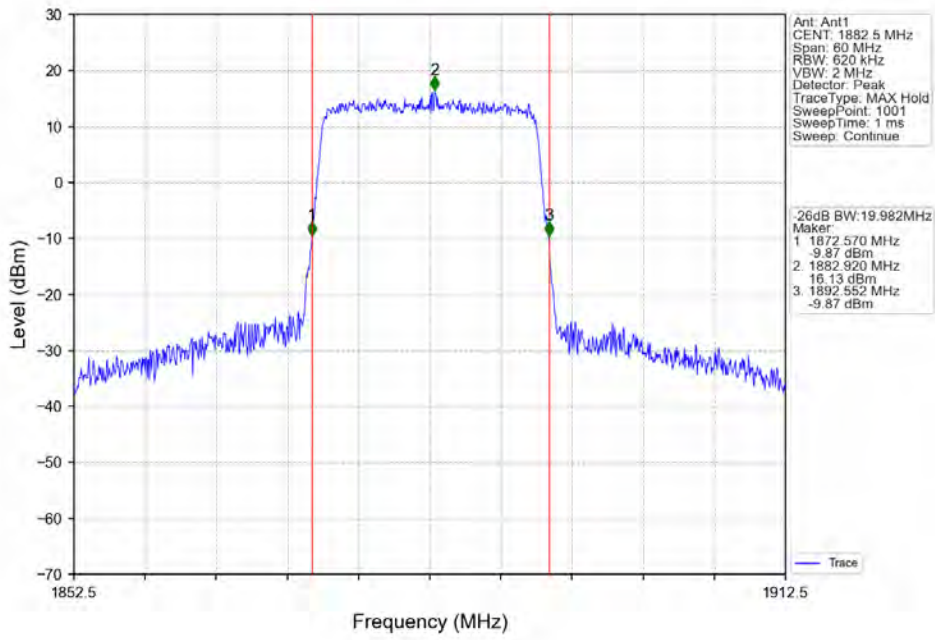
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV



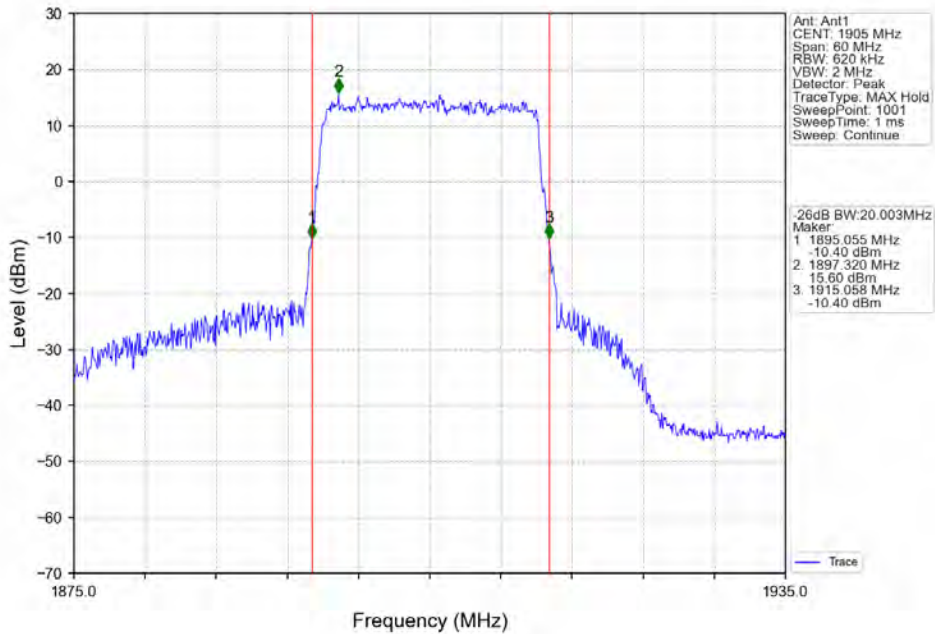
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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



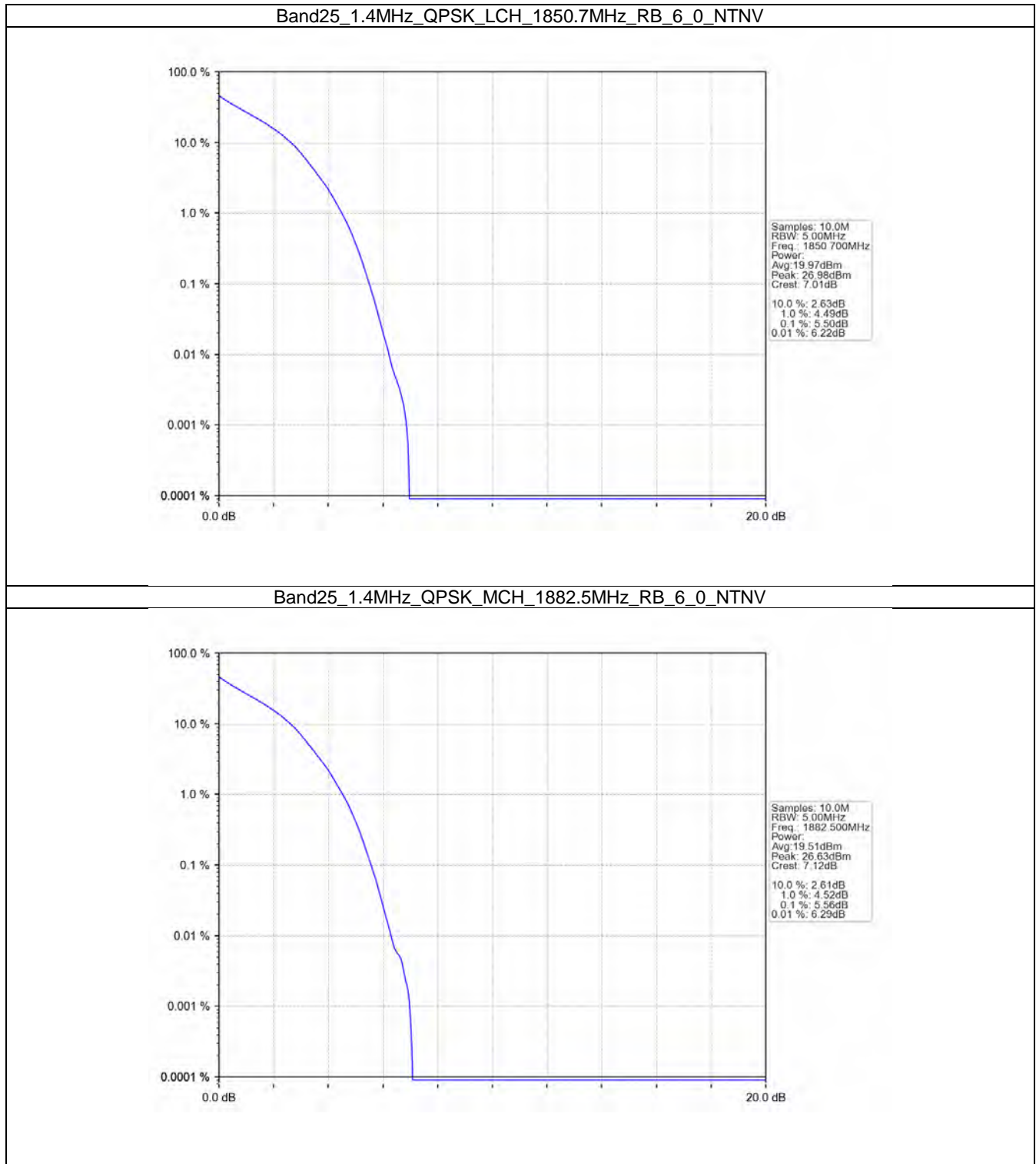
## 5. Peak-Average Ratio

### 5.1 B25\_1.4MHz

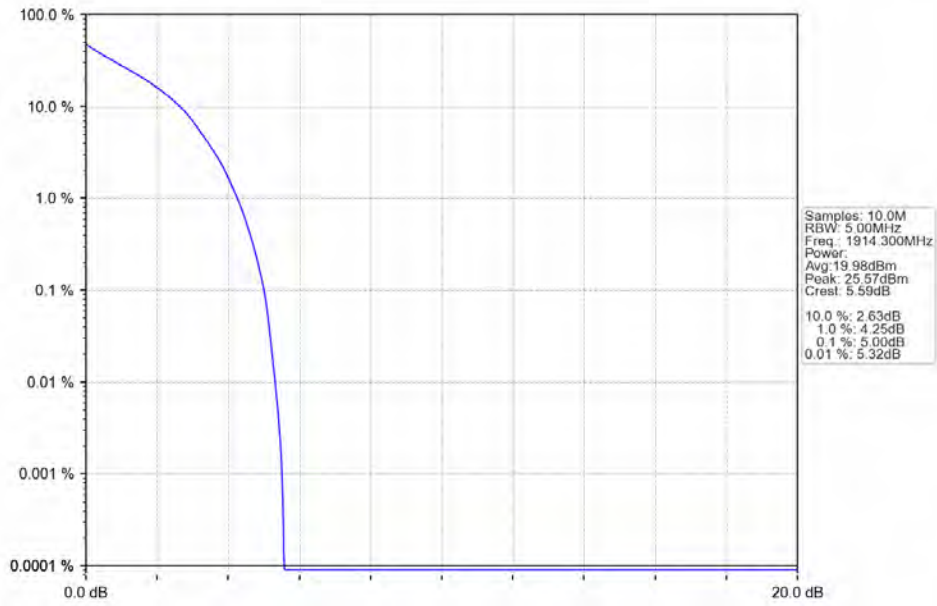
#### 5.1.1 Test Result

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	5.50	<=13	Pass
	1882.5	6	0	5.56	<=13	Pass
	1914.3	6	0	5.00	<=13	Pass
16QAM	1850.7	6	0	6.26	<=13	Pass
	1882.5	6	0	6.30	<=13	Pass
	1914.3	6	0	5.85	<=13	Pass

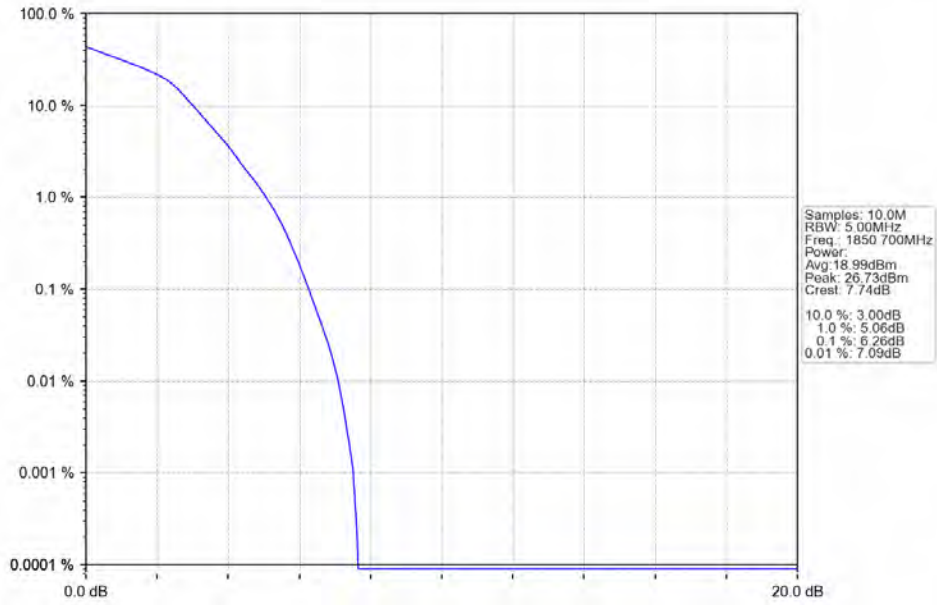
### 5.1.2 Test Graph



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

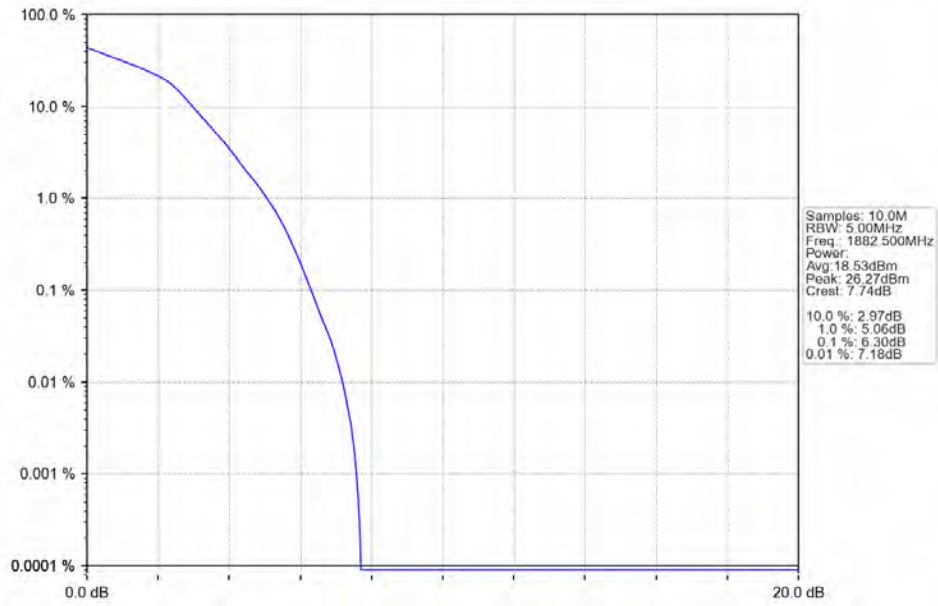


Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

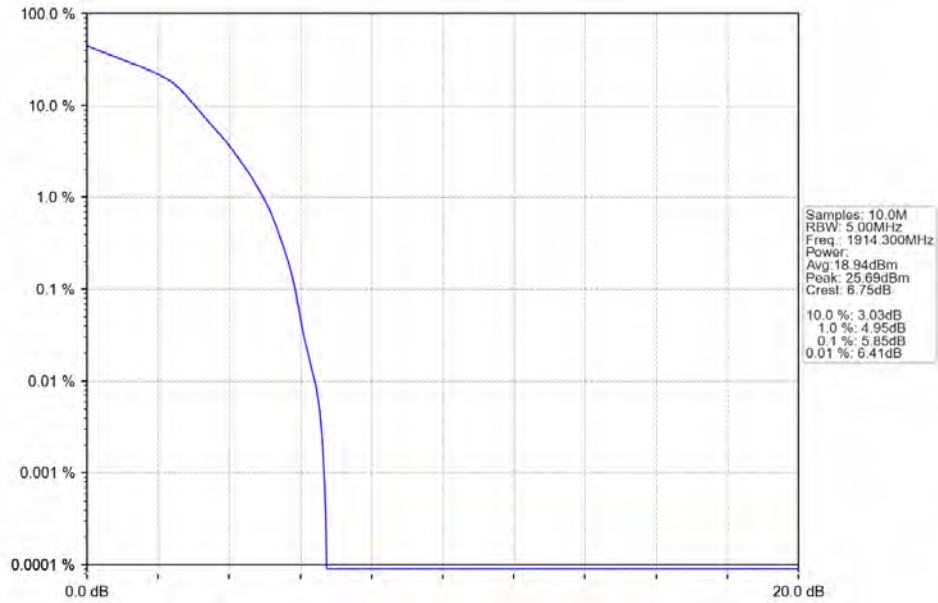




Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_6\_0\_NTNV



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

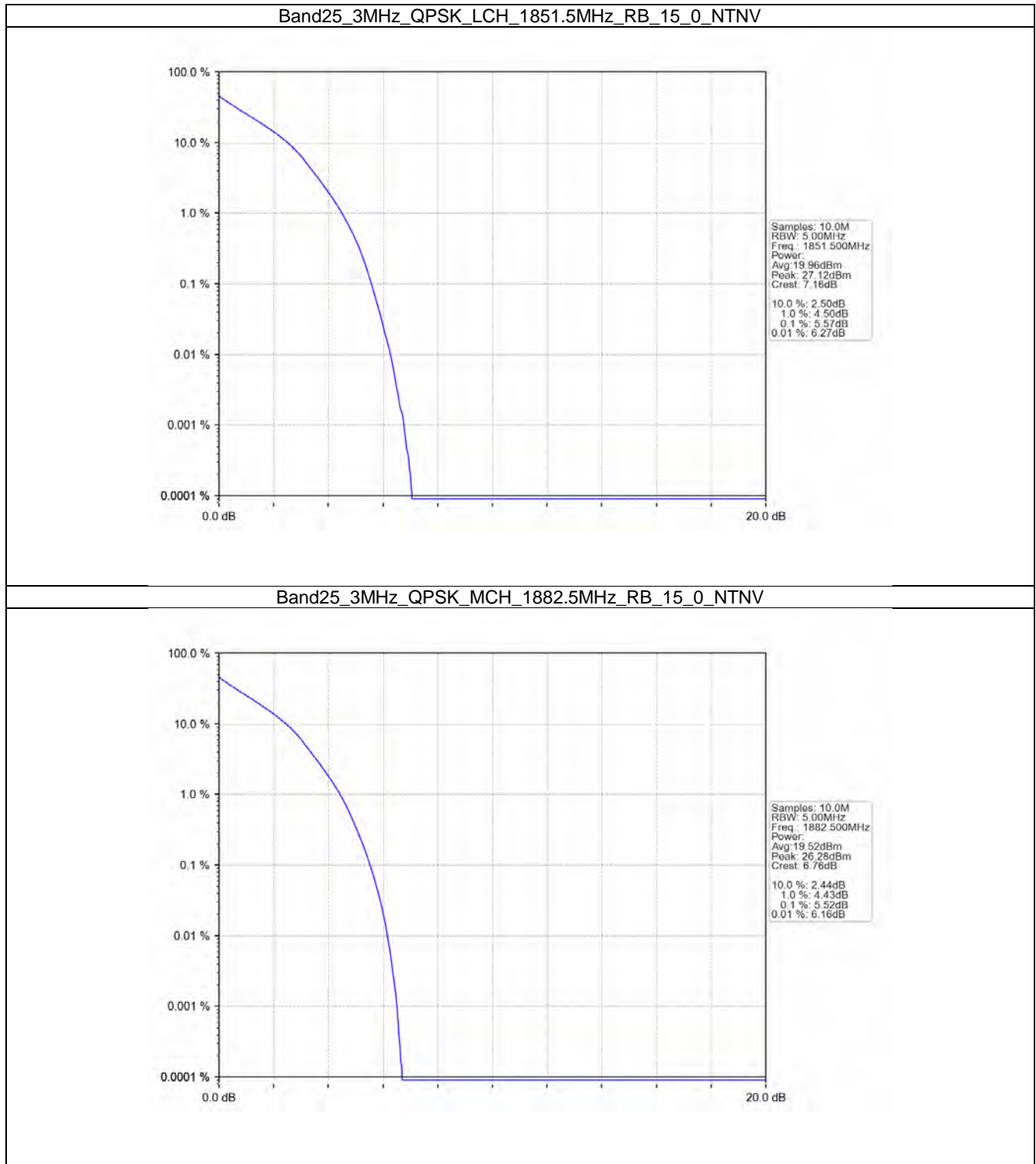


## 5.2 B25\_3MHz

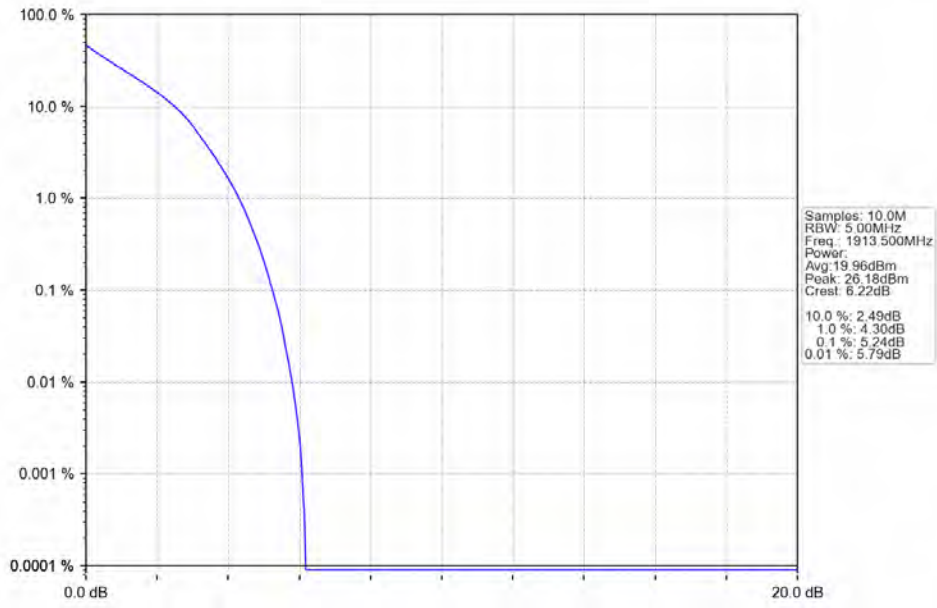
### 5.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.57	<=13	Pass
	1882.5	15	0	5.52	<=13	Pass
	1913.5	15	0	5.24	<=13	Pass
16QAM	1851.5	15	0	6.34	<=13	Pass
	1882.5	15	0	6.38	<=13	Pass
	1913.5	15	0	6.06	<=13	Pass

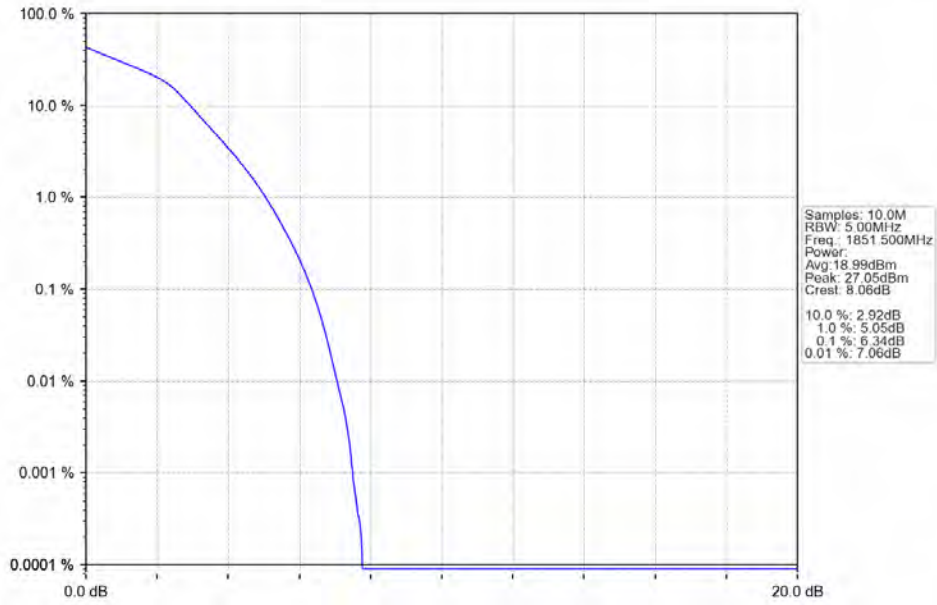
## 5.2.2 Test Graph



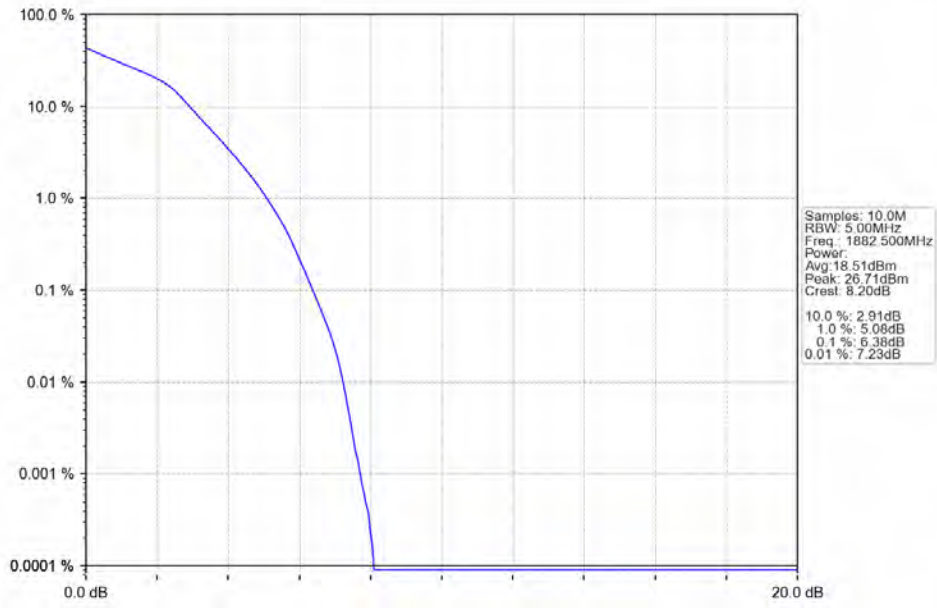
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



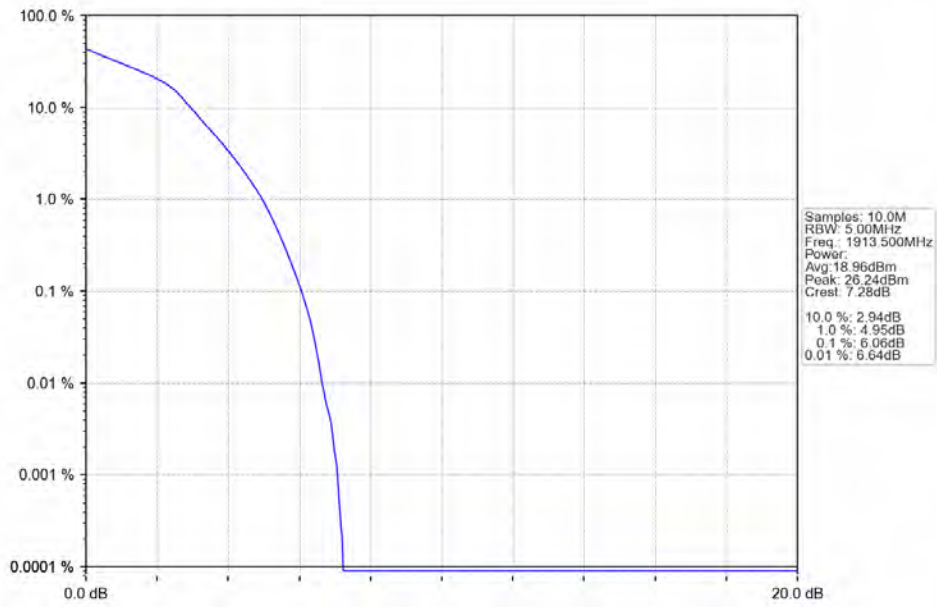
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



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



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

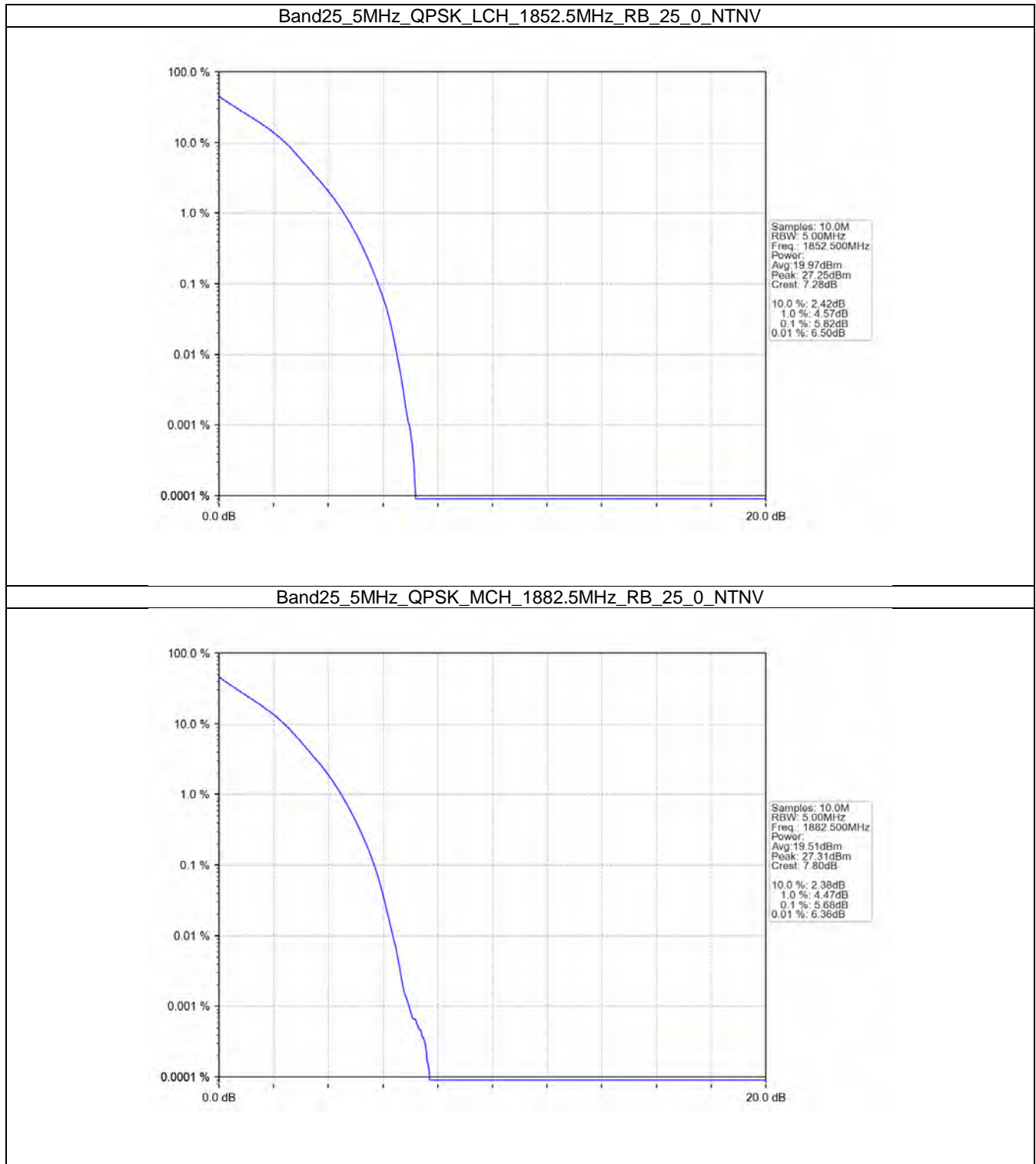


## 5.3 B25\_5MHz

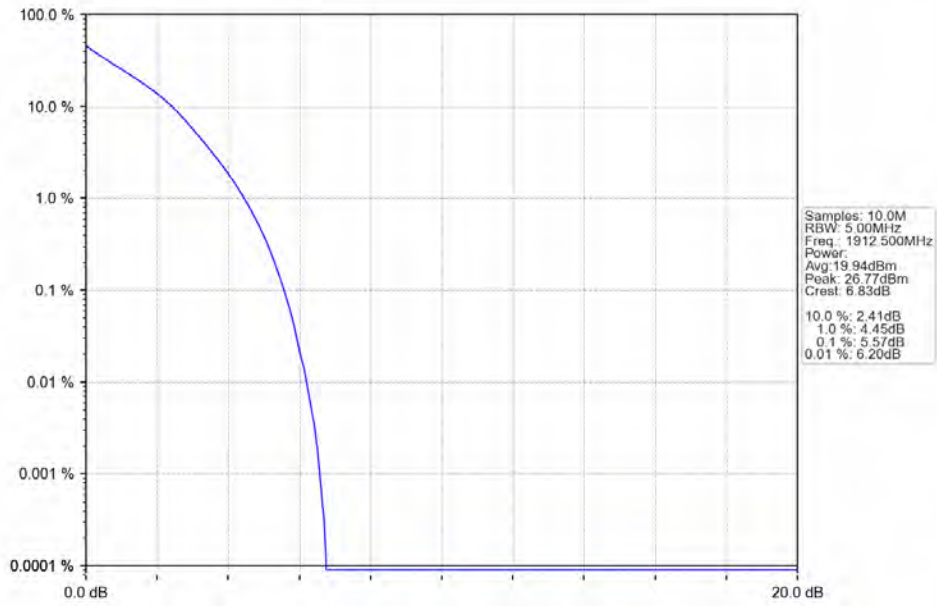
### 5.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.82	<=13	Pass
	1882.5	25	0	5.68	<=13	Pass
	1912.5	25	0	5.57	<=13	Pass
16QAM	1852.5	25	0	6.54	<=13	Pass
	1882.5	25	0	6.36	<=13	Pass
	1912.5	25	0	6.25	<=13	Pass

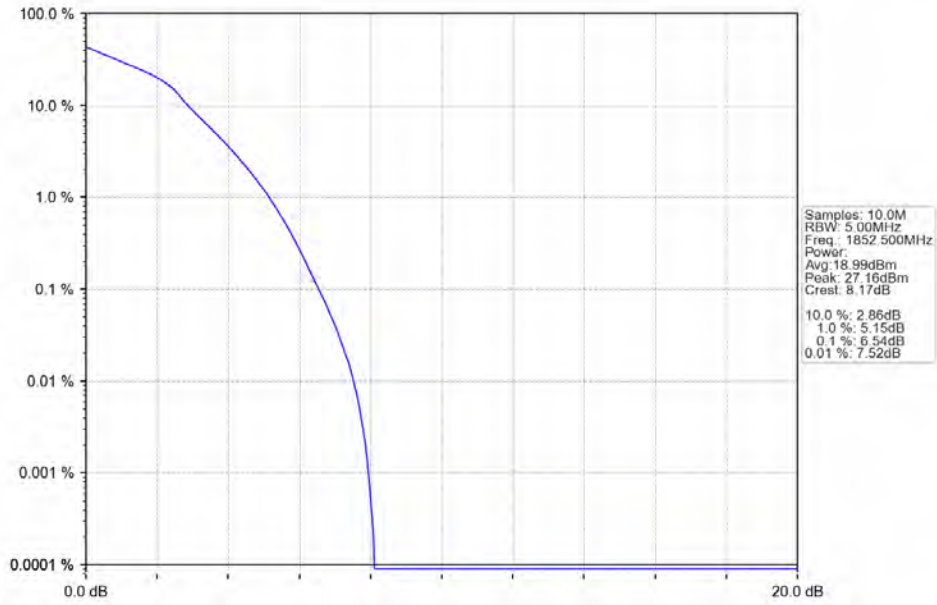
### 5.3.2 Test Graph



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

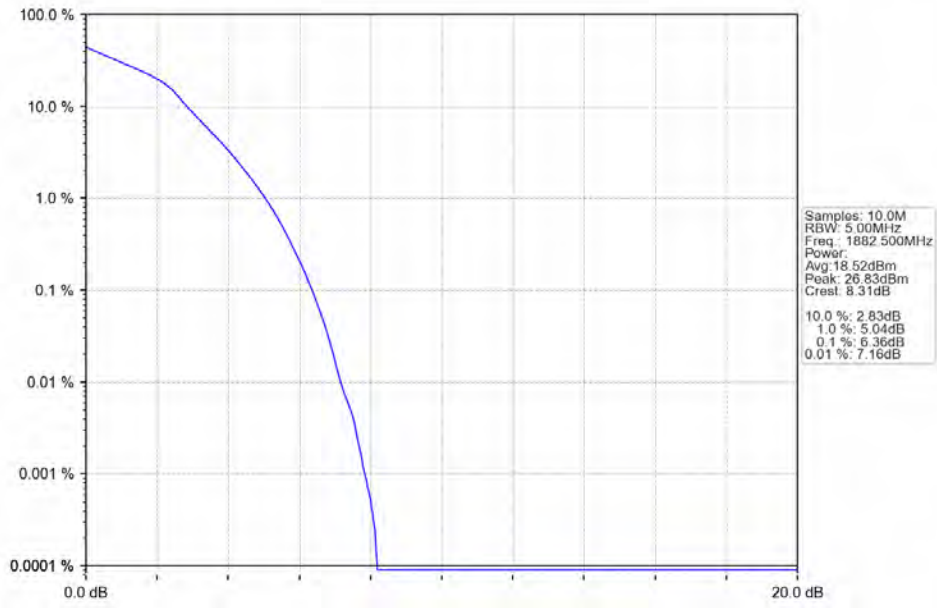


Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

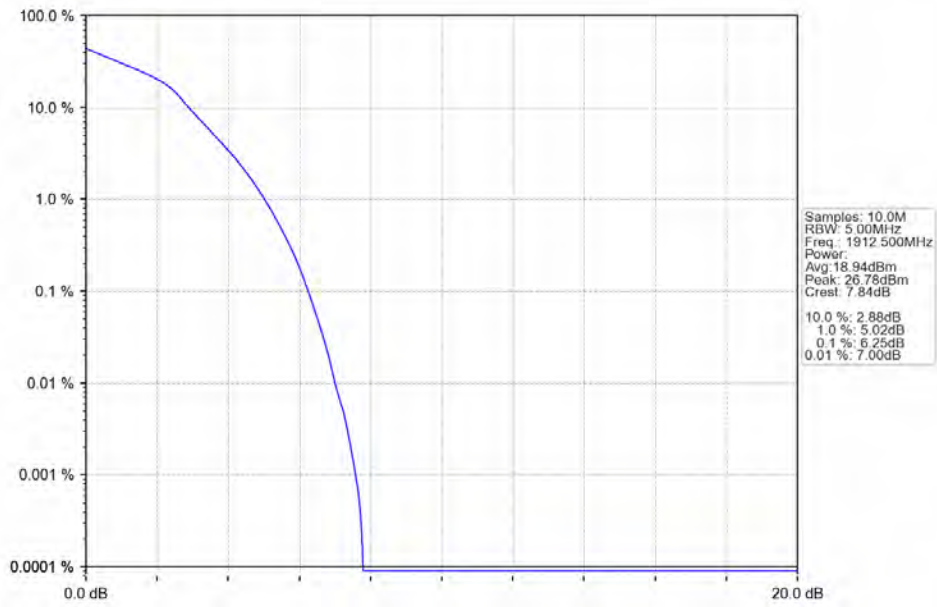




Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



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

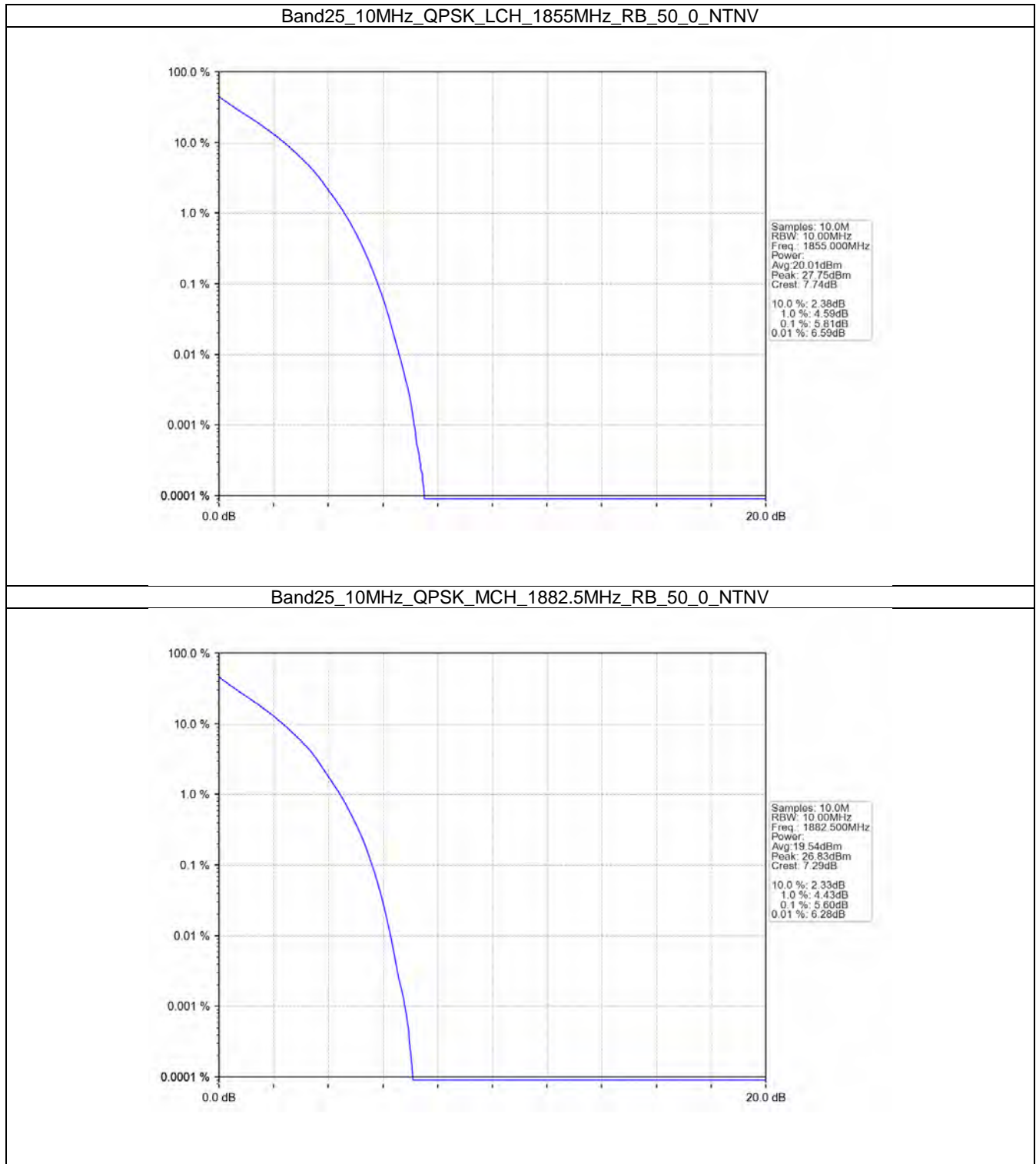


## 5.4 B25\_10MHz

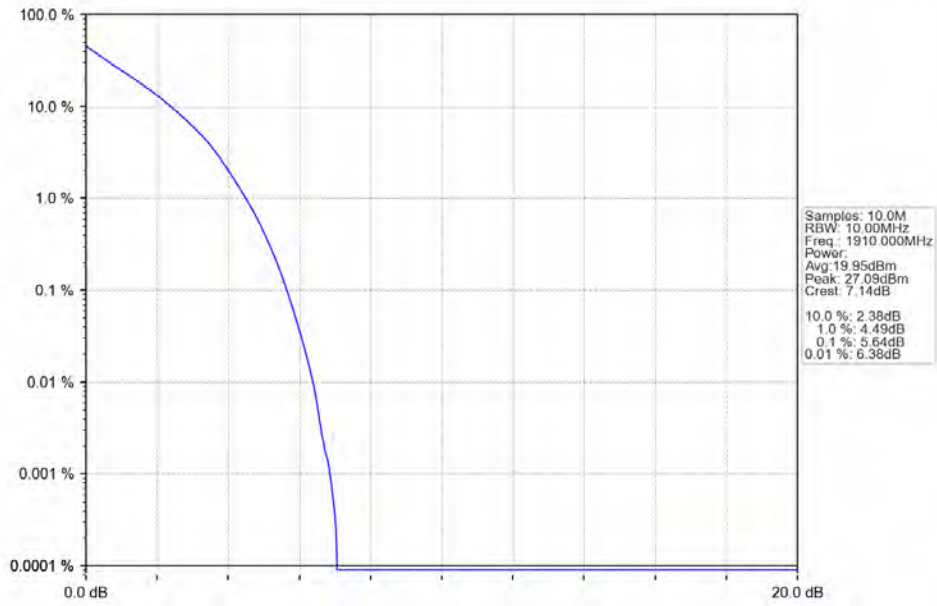
### 5.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.81	<=13	Pass
	1882.5	50	0	5.60	<=13	Pass
	1910	50	0	5.64	<=13	Pass
16QAM	1855	50	0	6.55	<=13	Pass
	1882.5	50	0	6.37	<=13	Pass
	1910	50	0	6.36	<=13	Pass

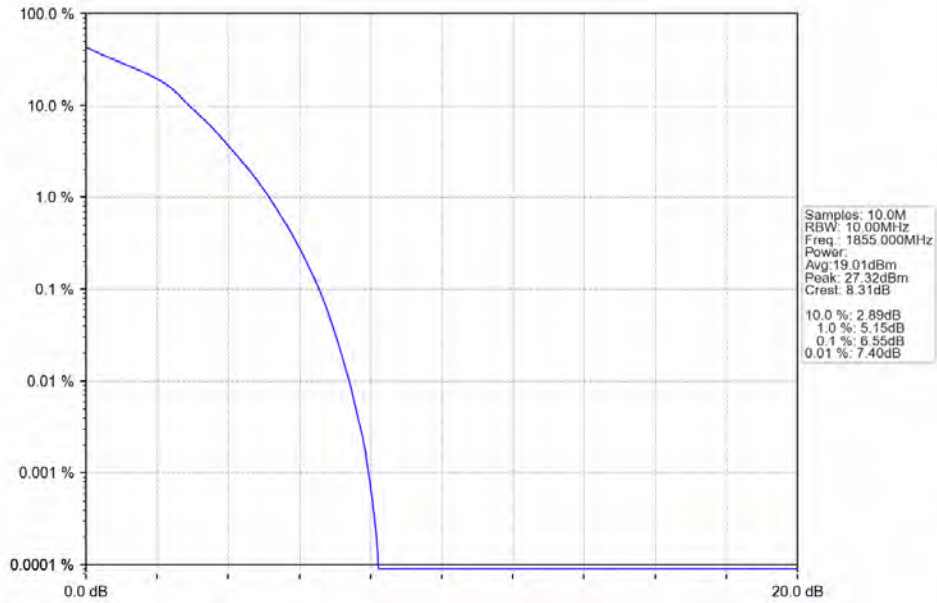
### 5.4.2 Test Graph



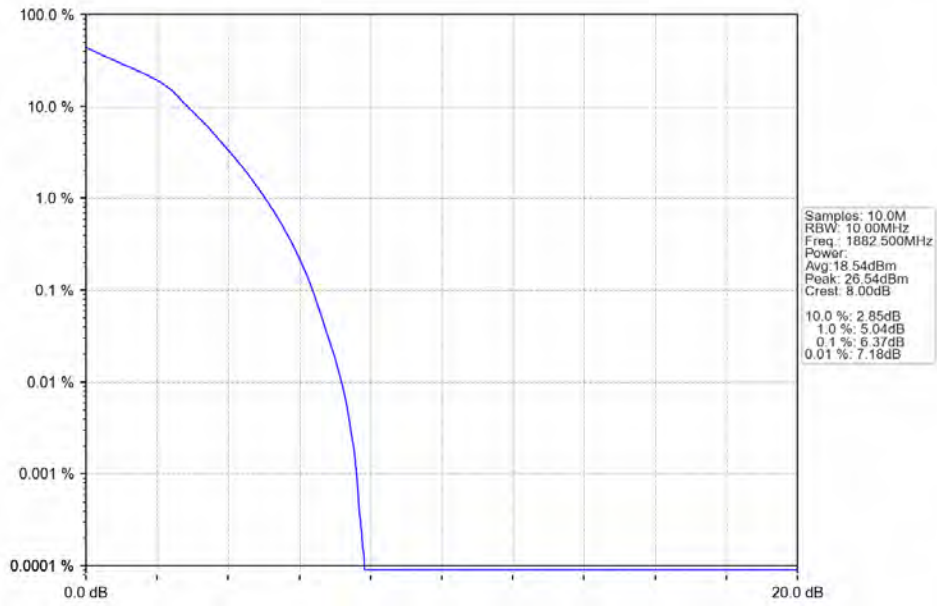
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTNV



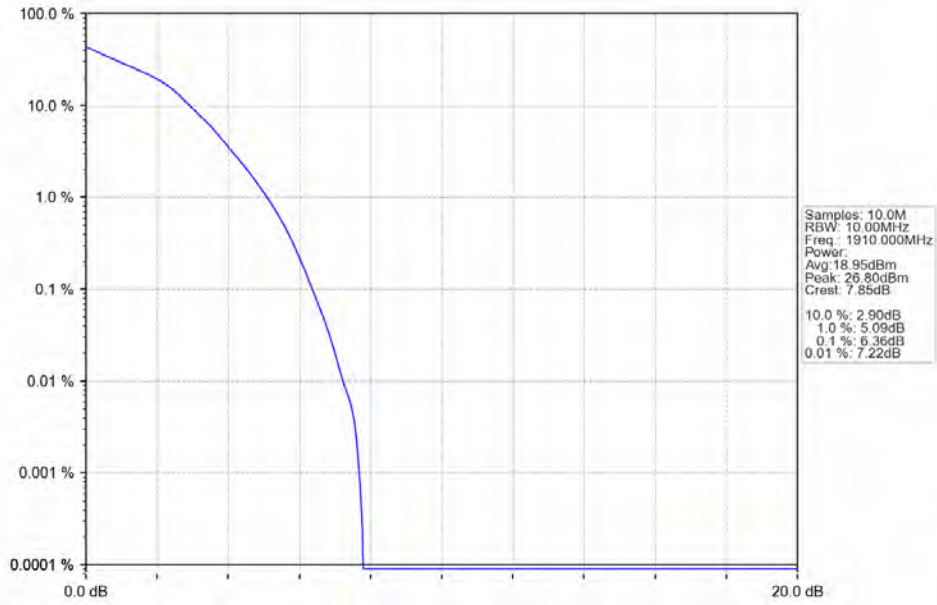
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



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



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

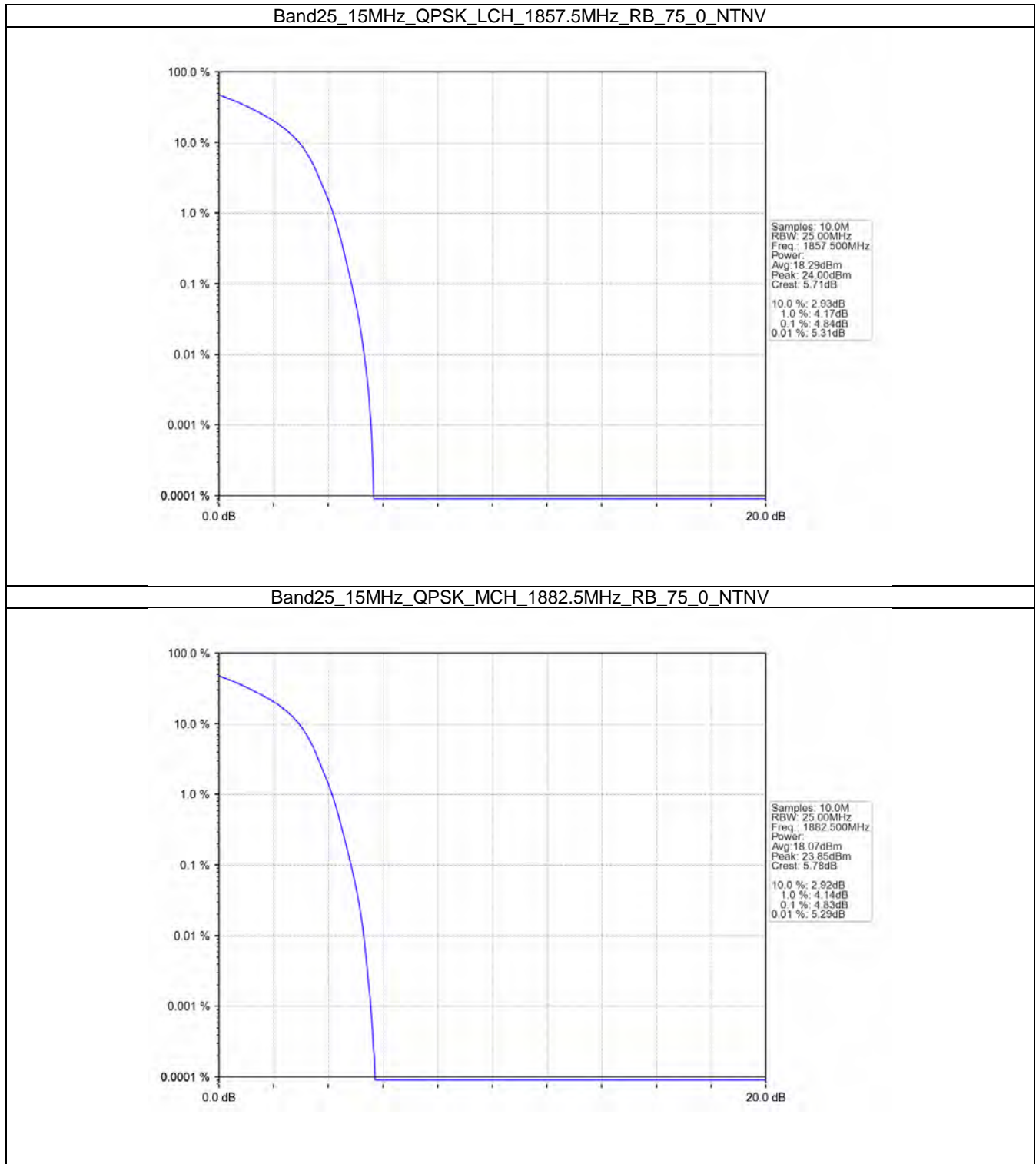


## 5.5 B25\_15MHz

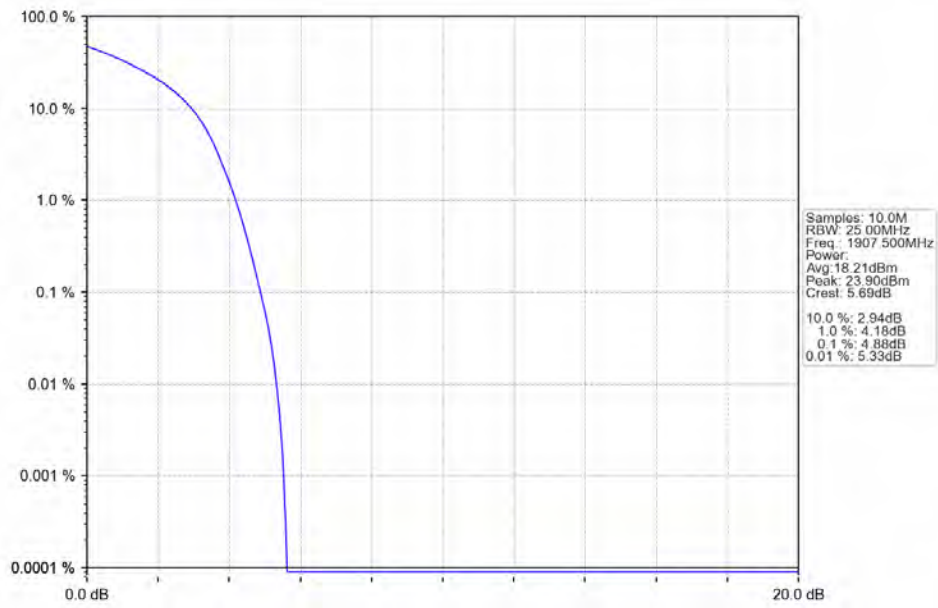
### 5.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	4.84	<=13	Pass
	1882.5	75	0	4.83	<=13	Pass
	1907.5	75	0	4.88	<=13	Pass
16QAM	1857.5	75	0	6.29	<=13	Pass
	1882.5	75	0	6.13	<=13	Pass
	1907.5	75	0	6.20	<=13	Pass

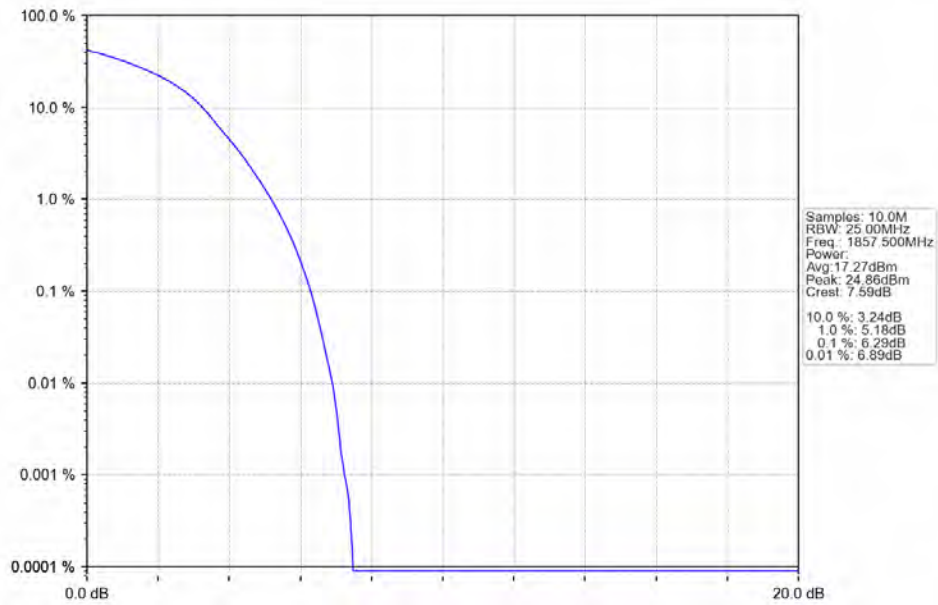
## 5.5.2 Test Graph



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

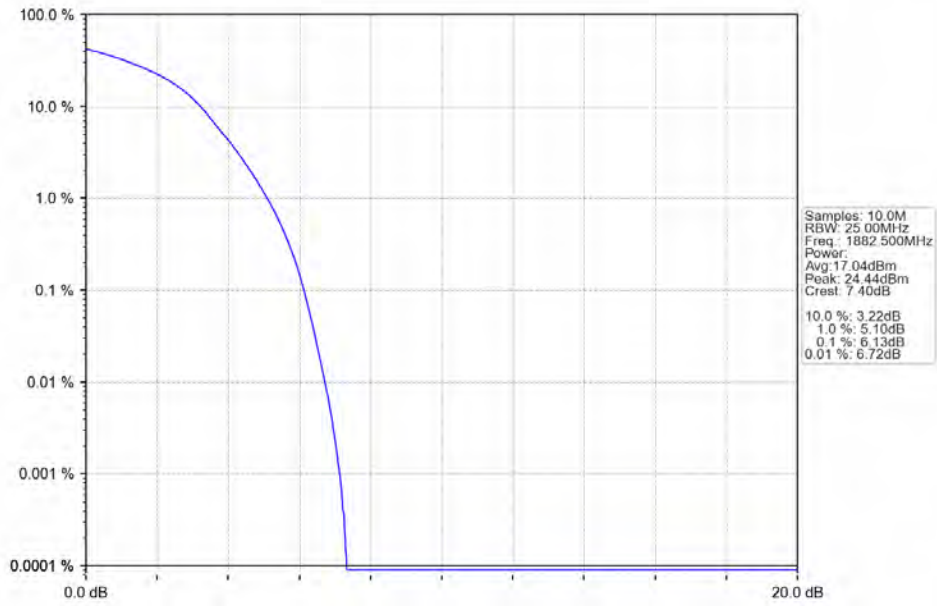


Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

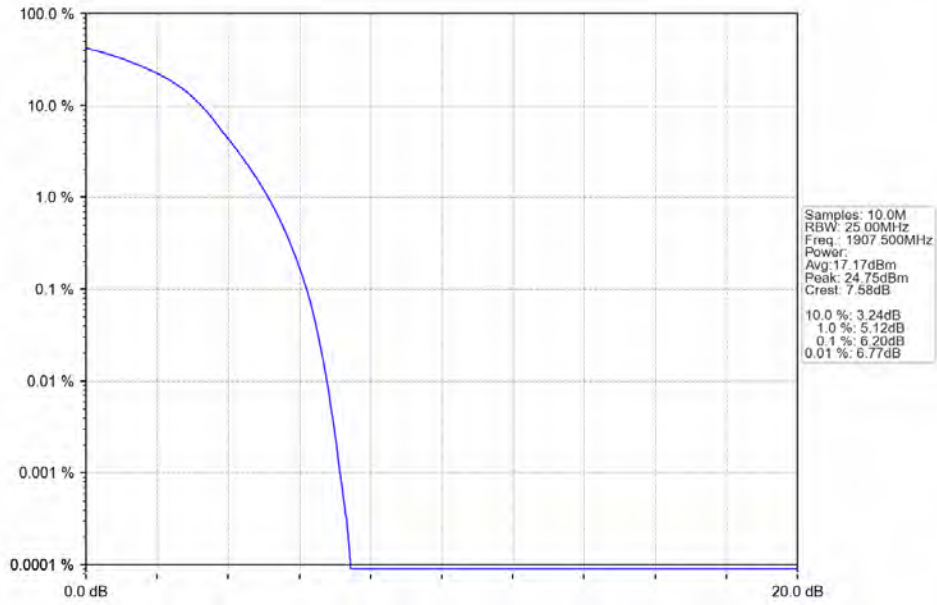




Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



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

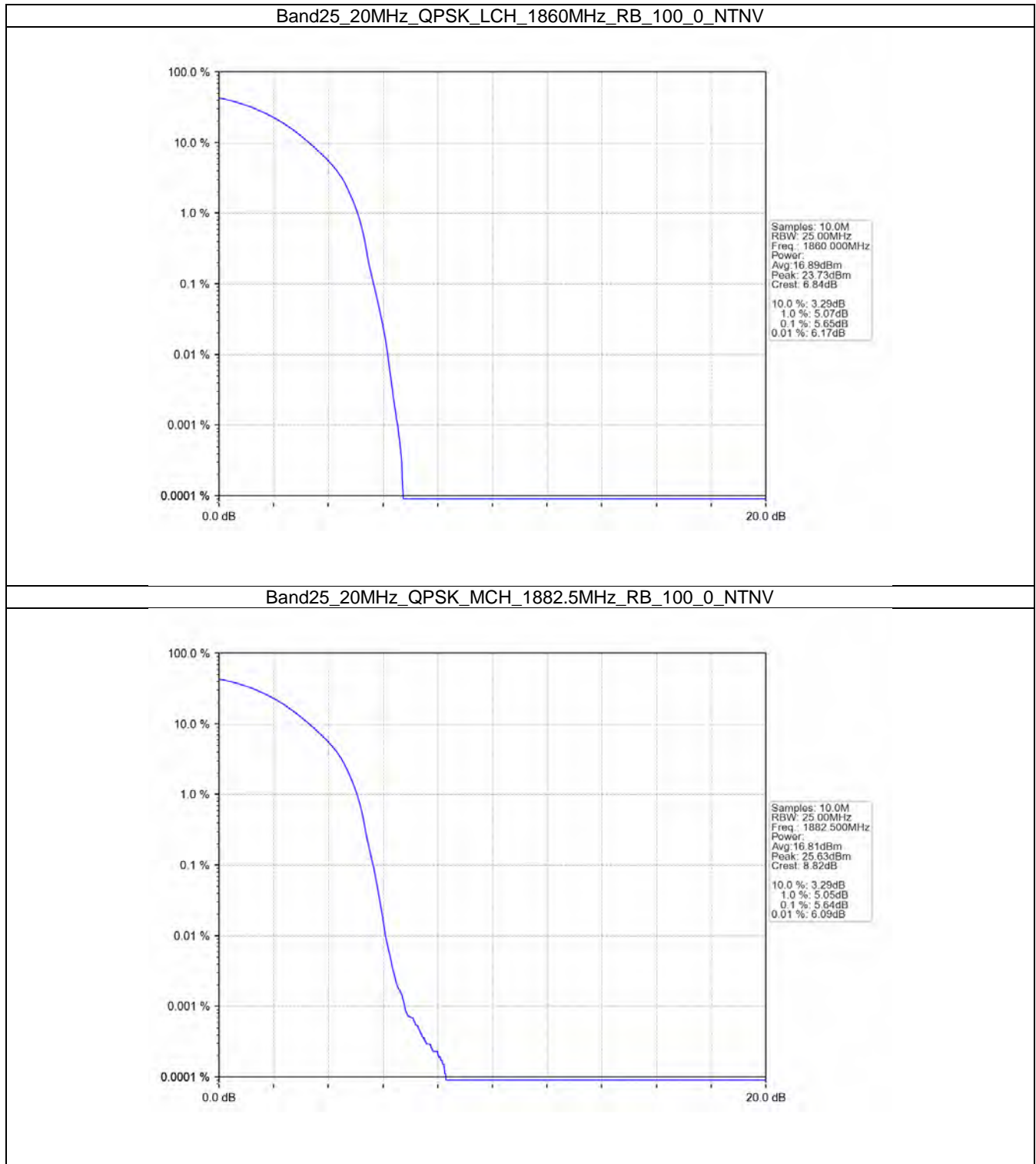


## 5.6 B25\_20MHz

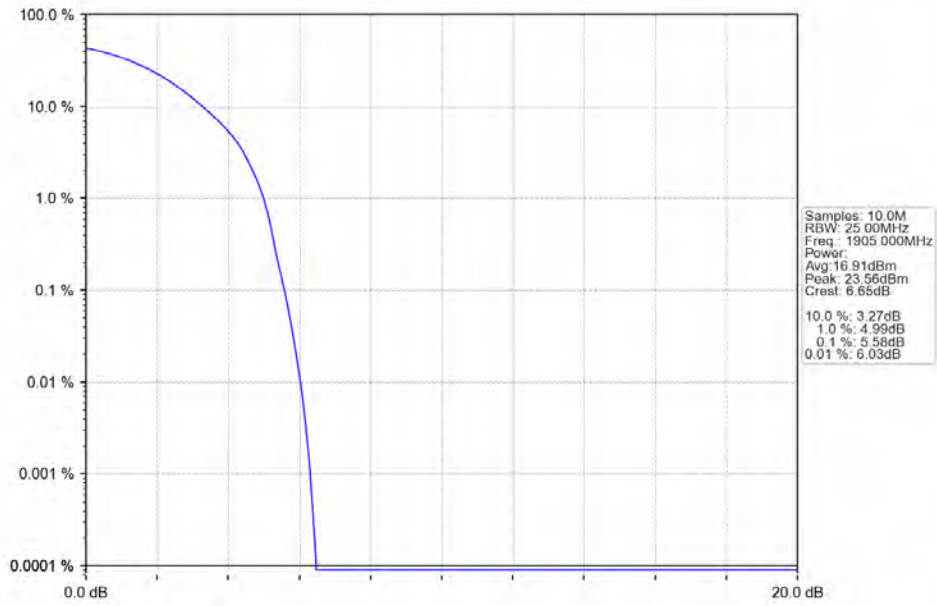
### 5.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.65	<=13	Pass
	1882.5	100	0	5.64	<=13	Pass
	1905	100	0	5.58	<=13	Pass
16QAM	1860	100	0	6.75	<=13	Pass
	1882.5	100	0	6.71	<=13	Pass
	1905	100	0	6.72	<=13	Pass

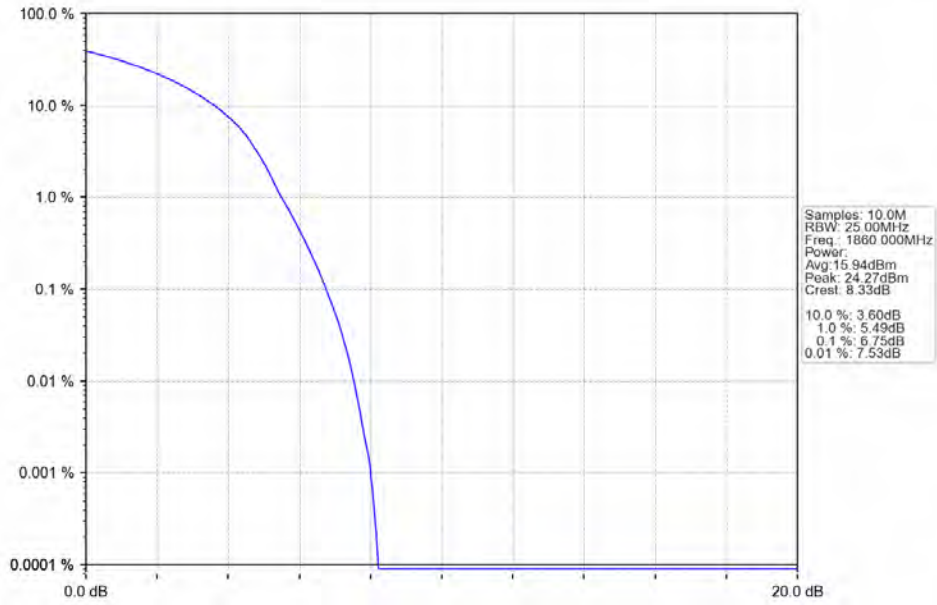
### 5.6.2 Test Graph



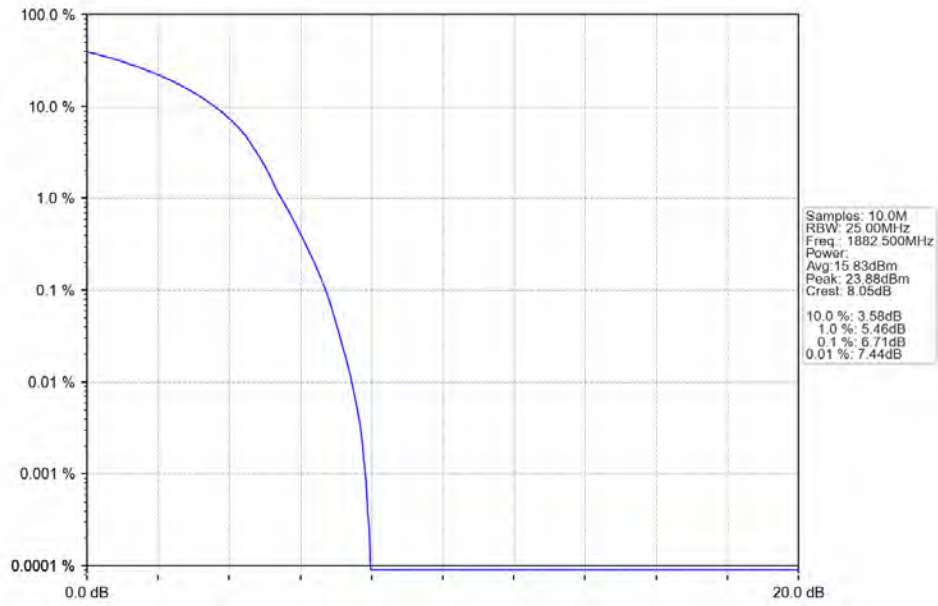
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV



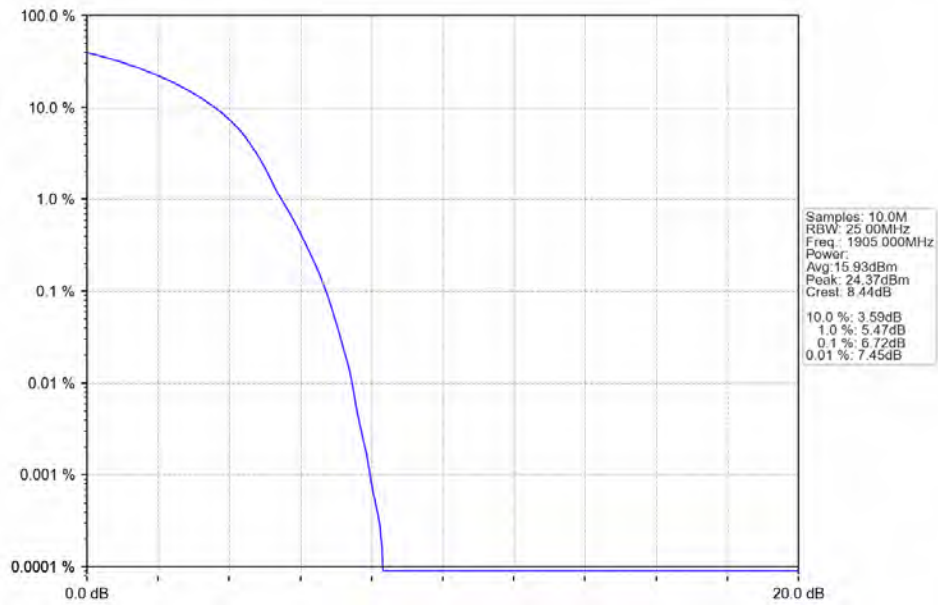
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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



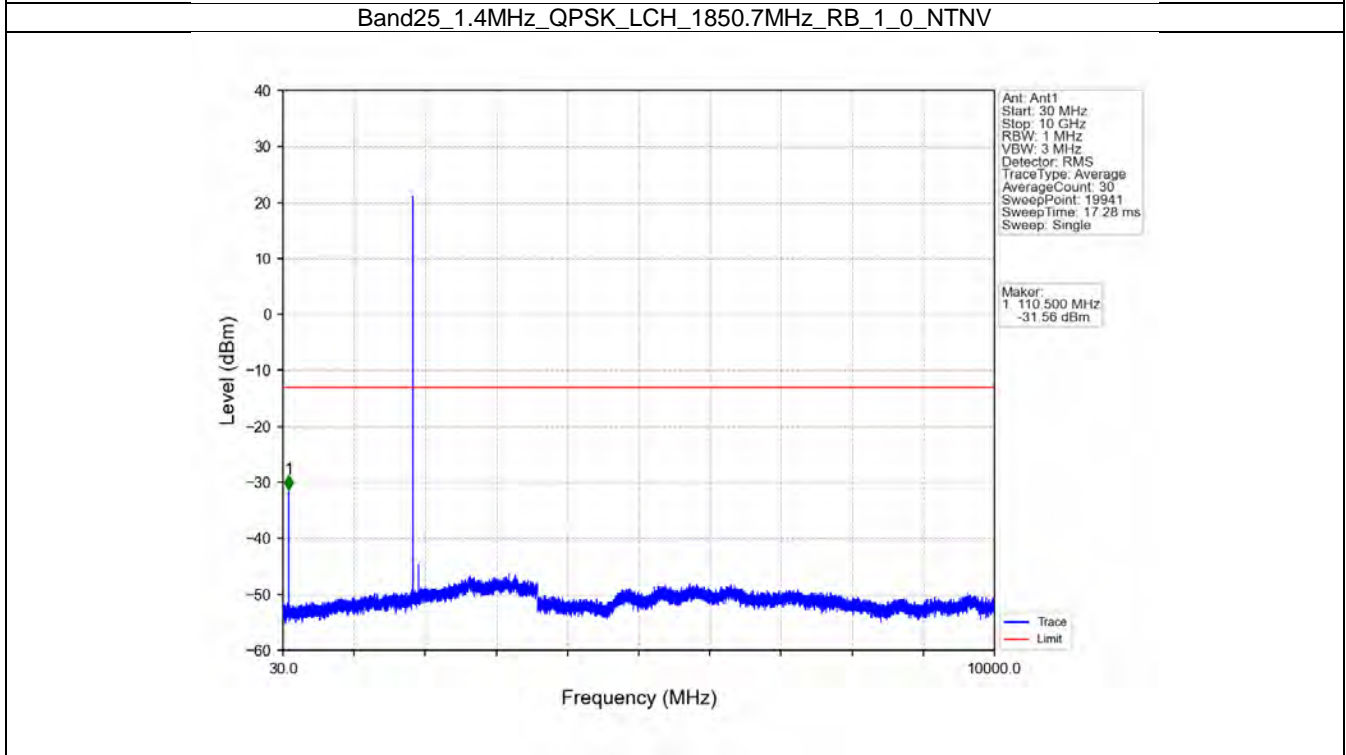
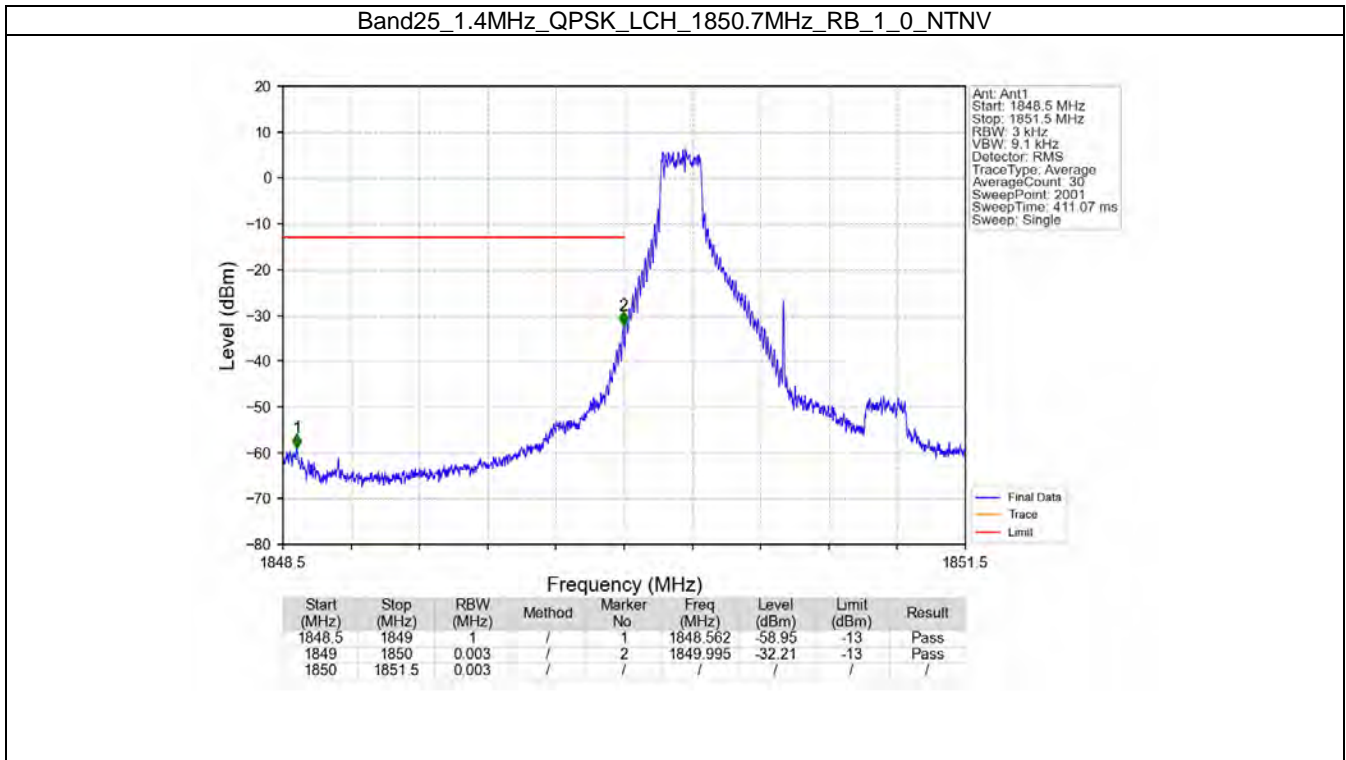
## 6. Spurious Emission

### 6.1 B25\_1.4MHz

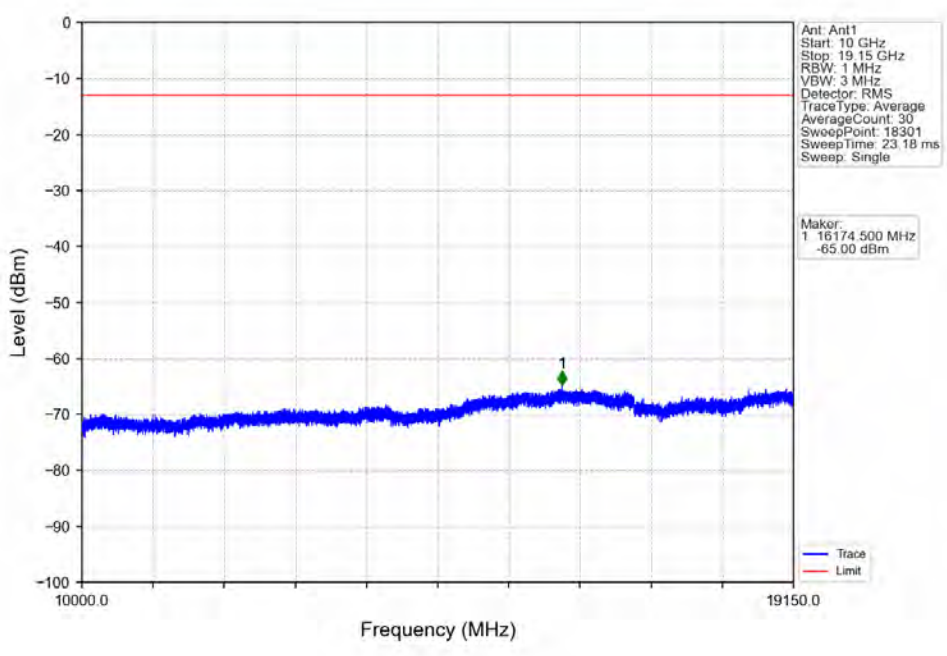
#### 6.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1914.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1914.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

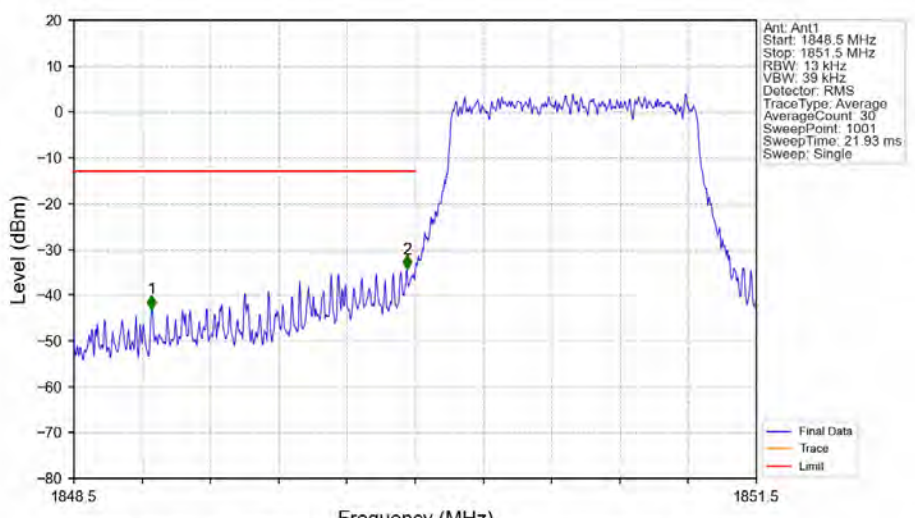
### 6.1.2 Test Graph



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



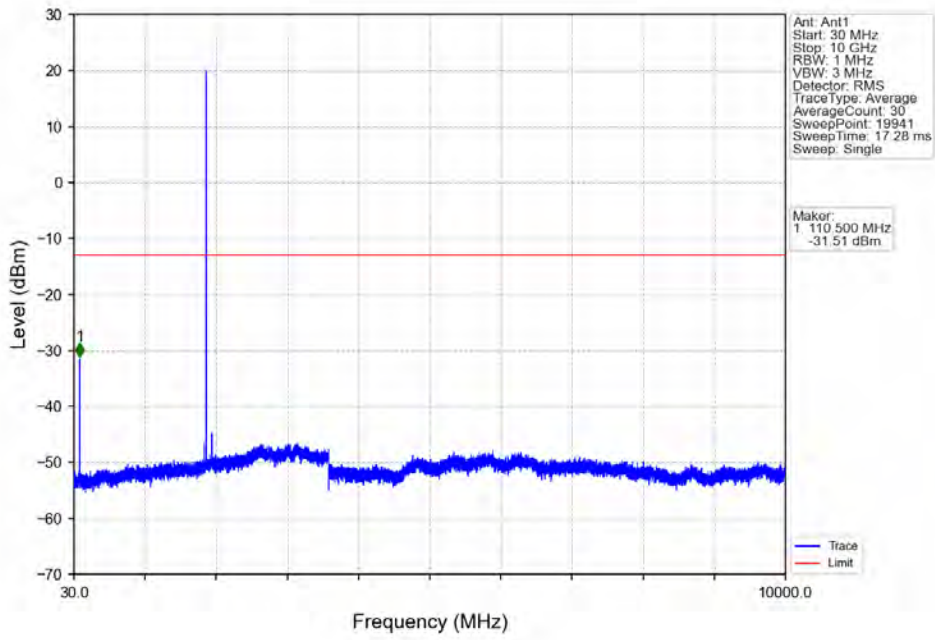
Band25\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



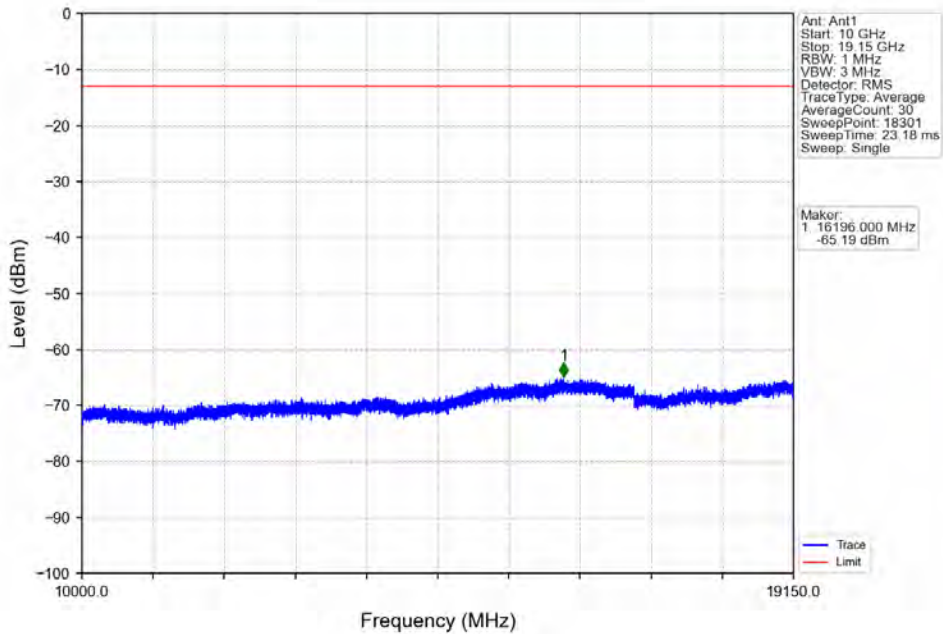
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.842	-43.06	-13	Pass
1849	1850	0.013	/	2	1849.964	-34.35	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/



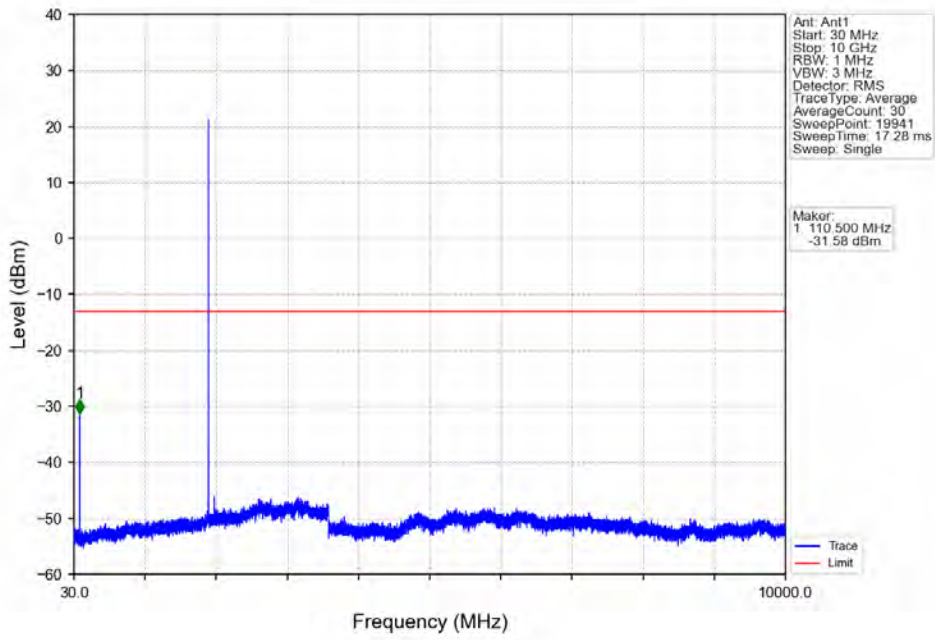
Band25\_1.4MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



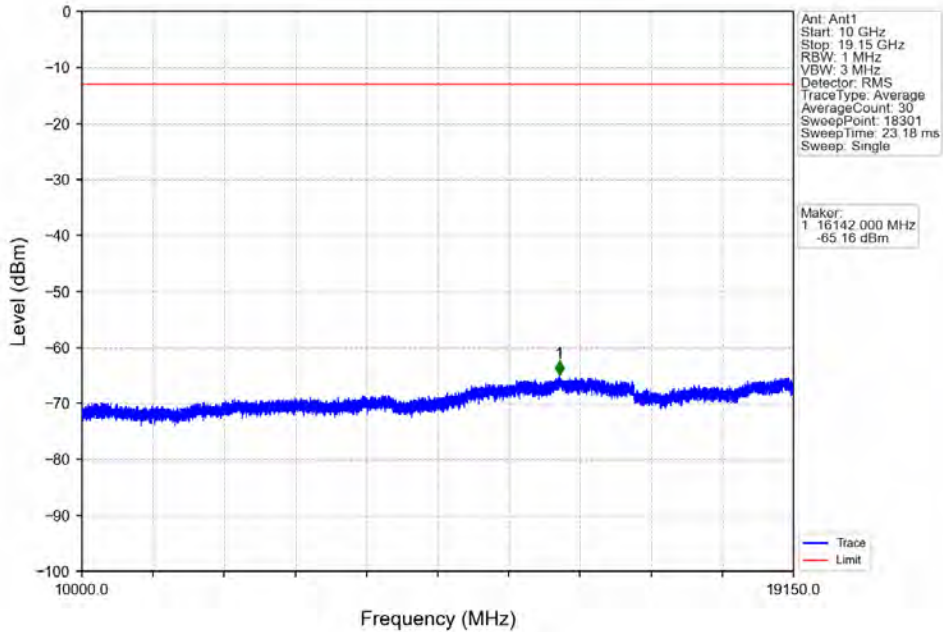
Band25\_1.4MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



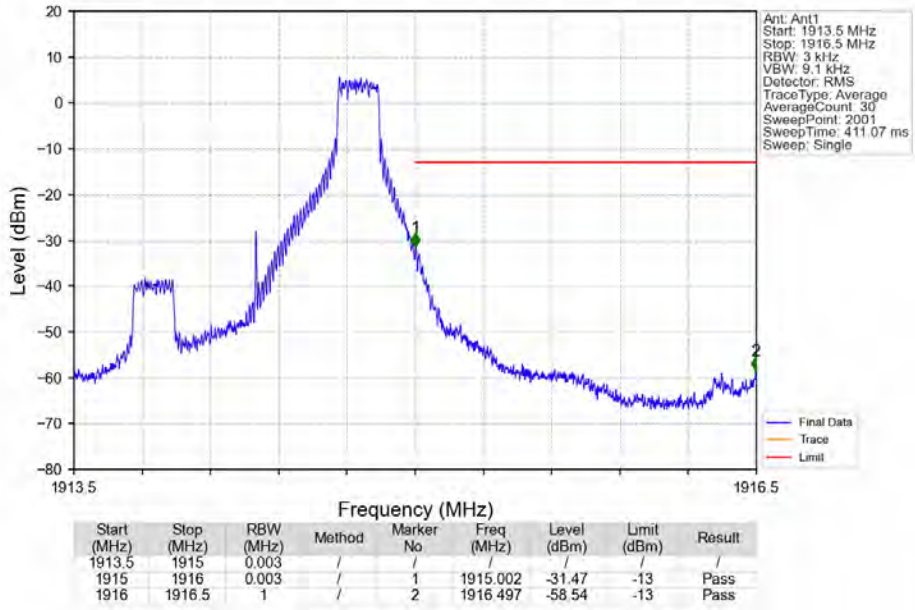
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV



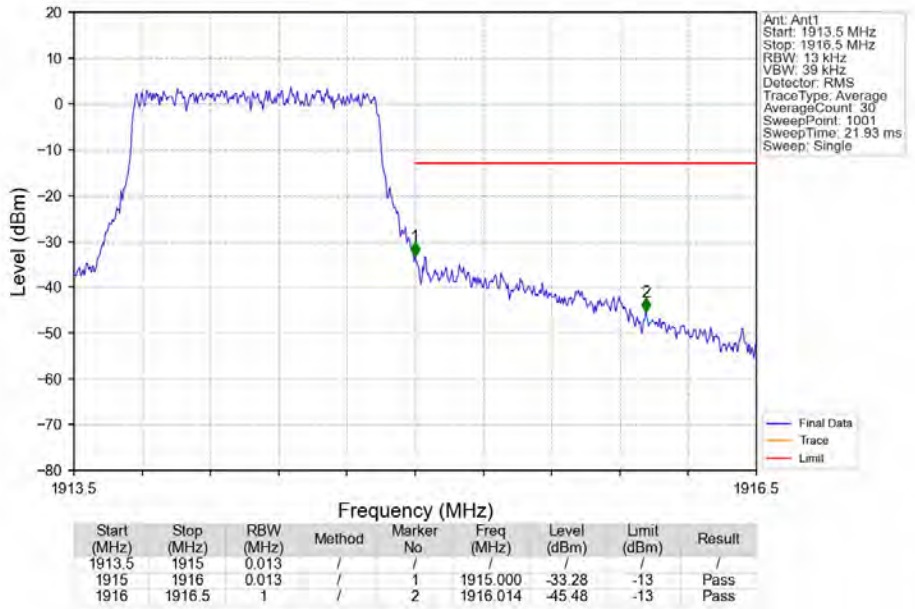
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV



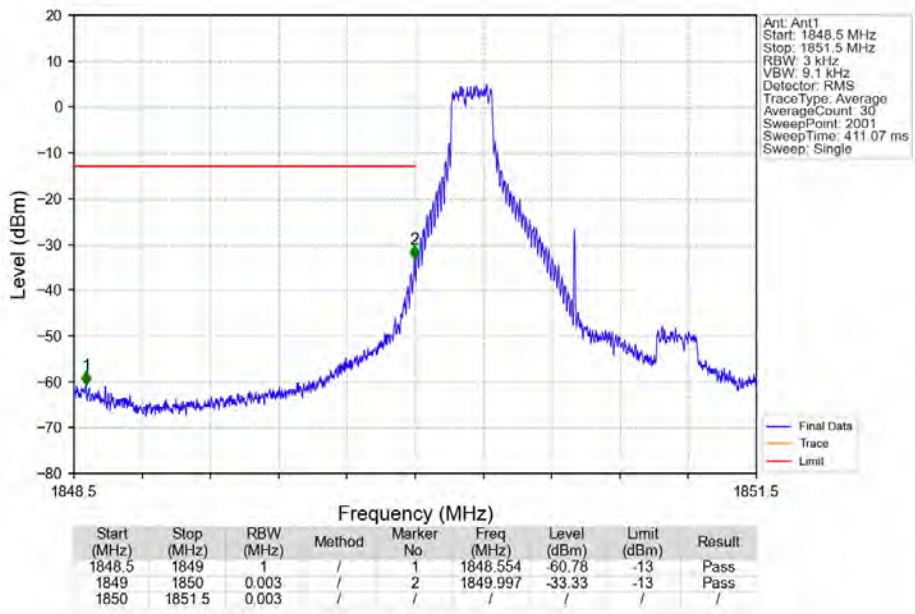
Band25 1.4MHz QPSK\_HCH\_1914.3MHz\_RB\_1\_5\_NTNV



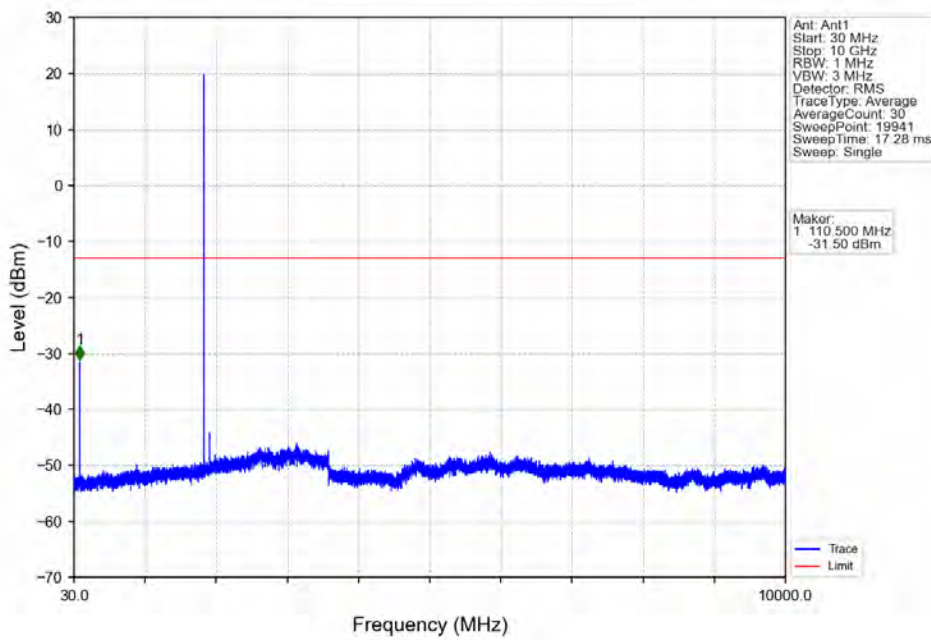
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



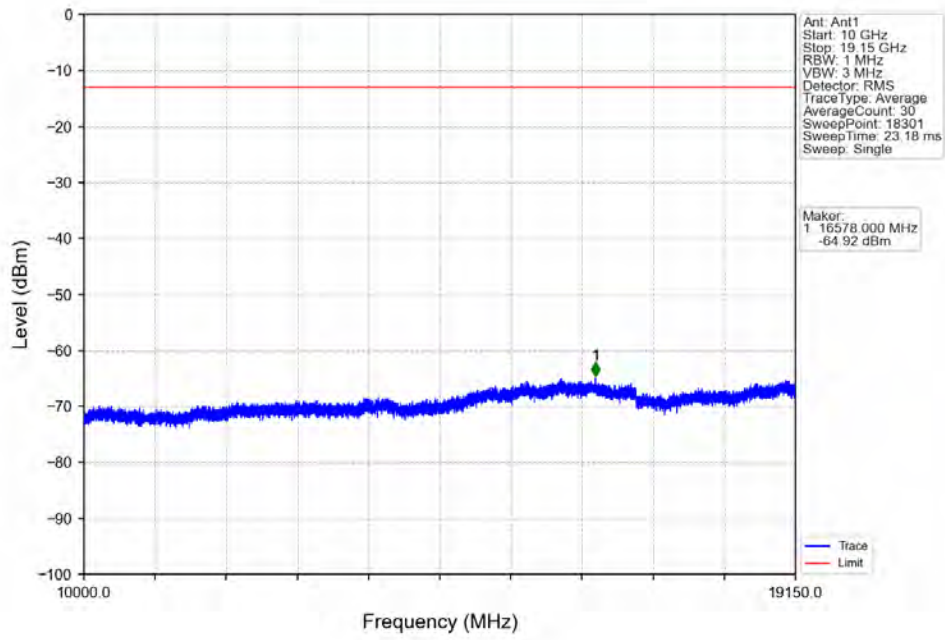
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



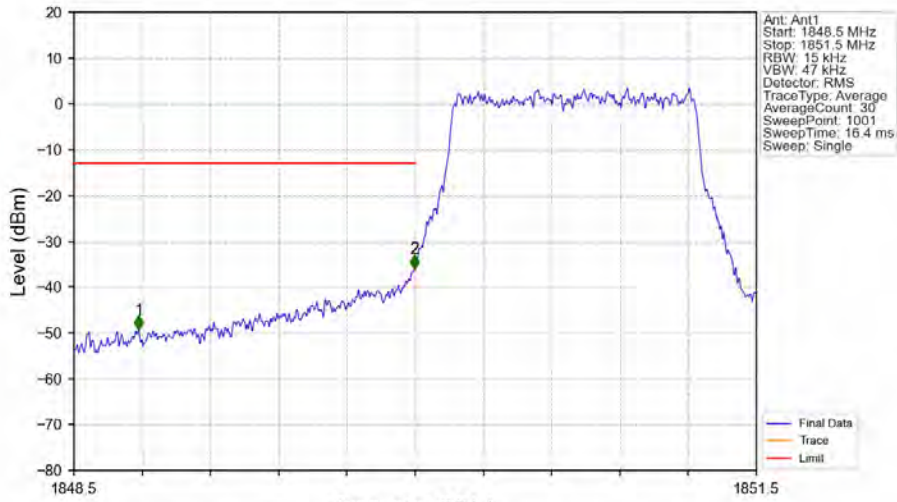
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



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

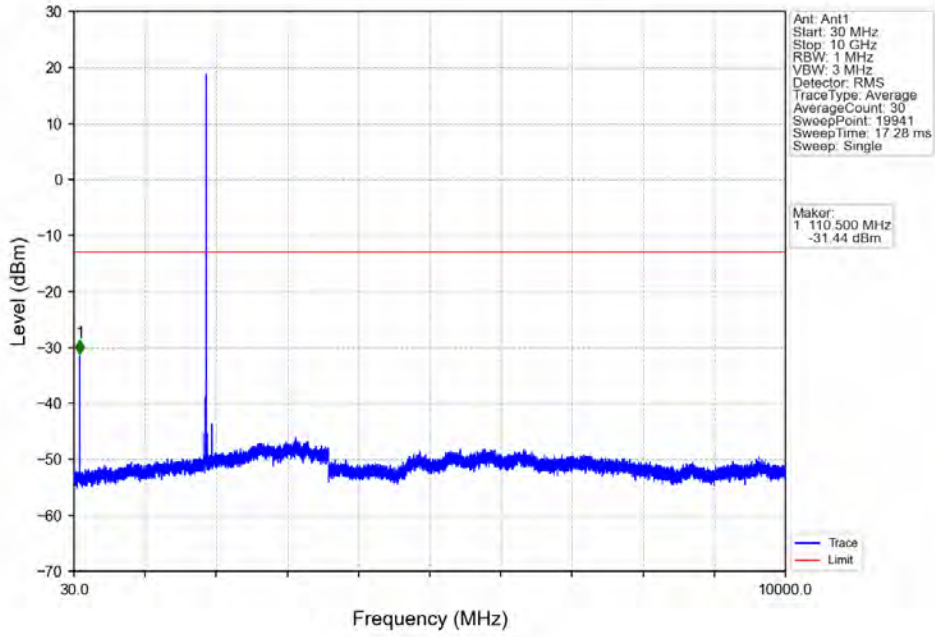


Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

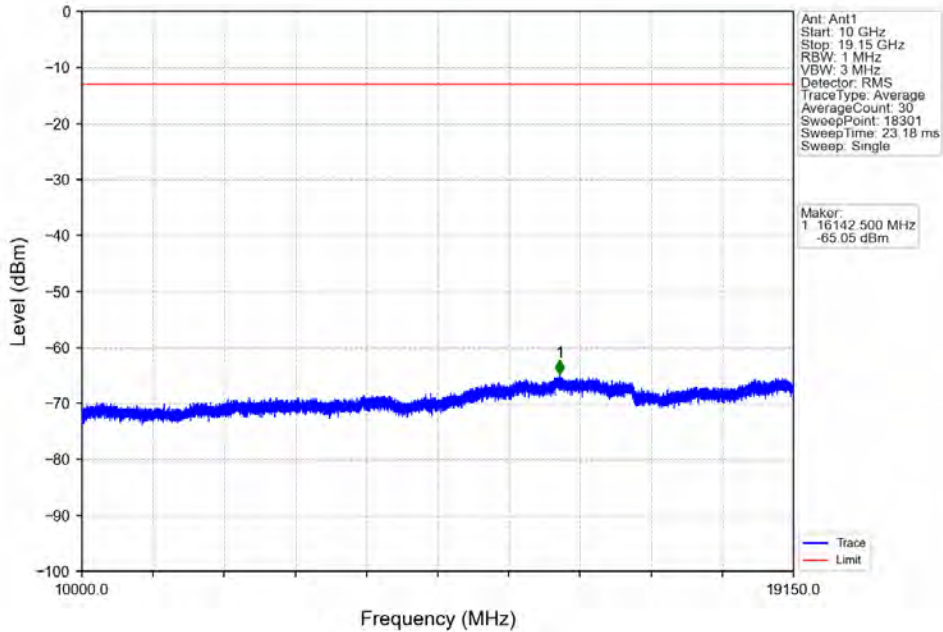


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.785	-49.28	-13	Pass
1849	1850	0.015	/	2	1849.997	-36.03	-13	Pass
1850	1851.5	0.015	/	/	/	/	/	/

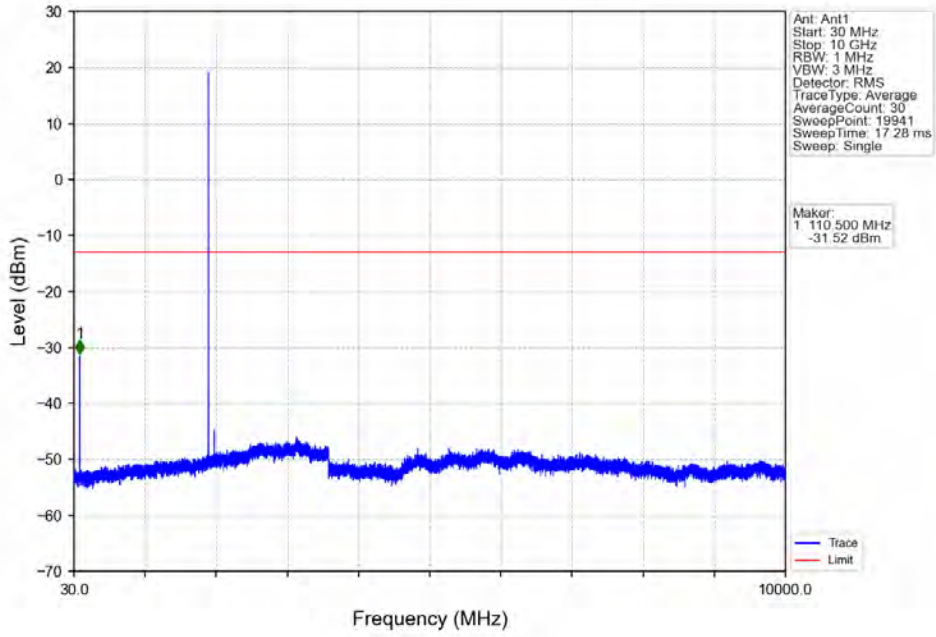
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



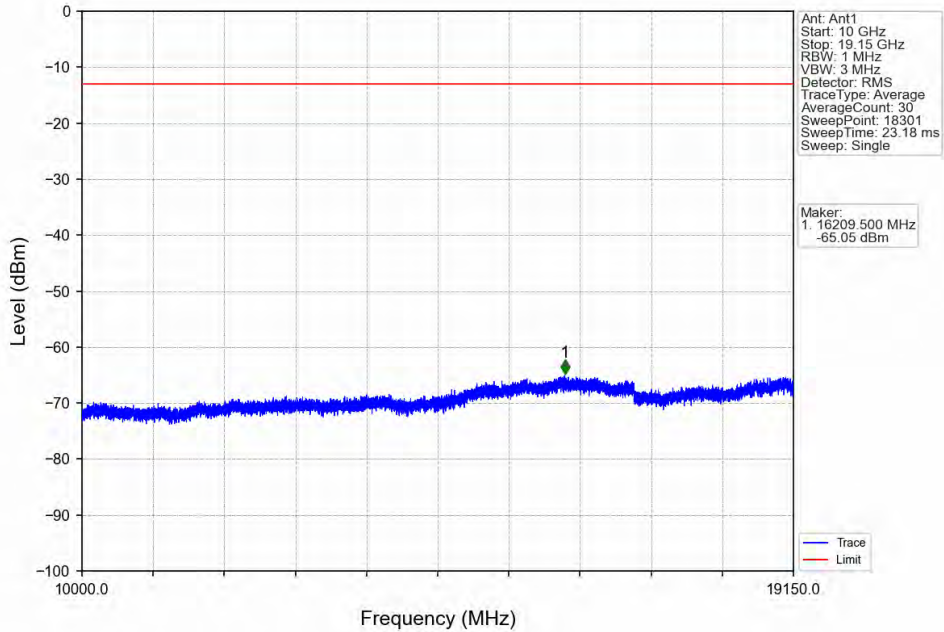
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



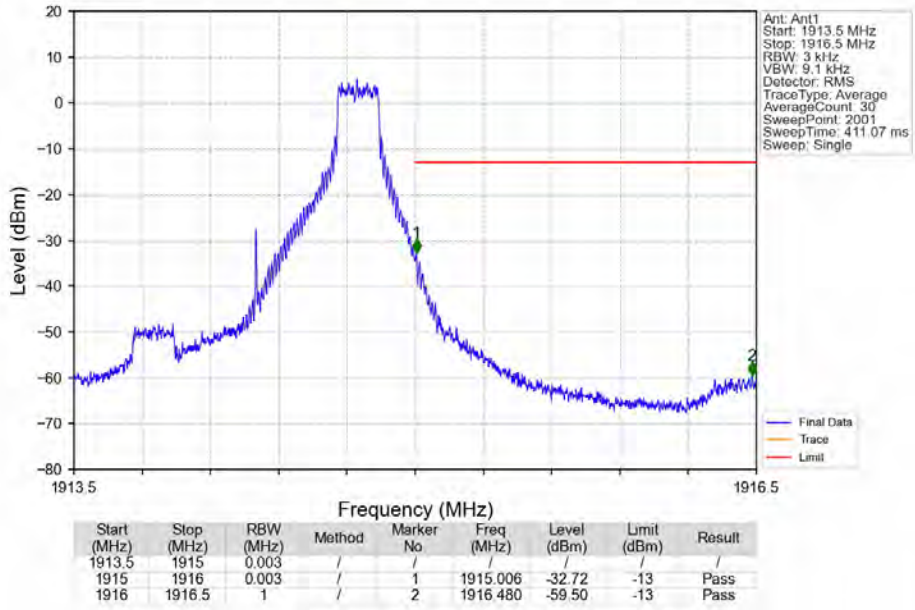
Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV



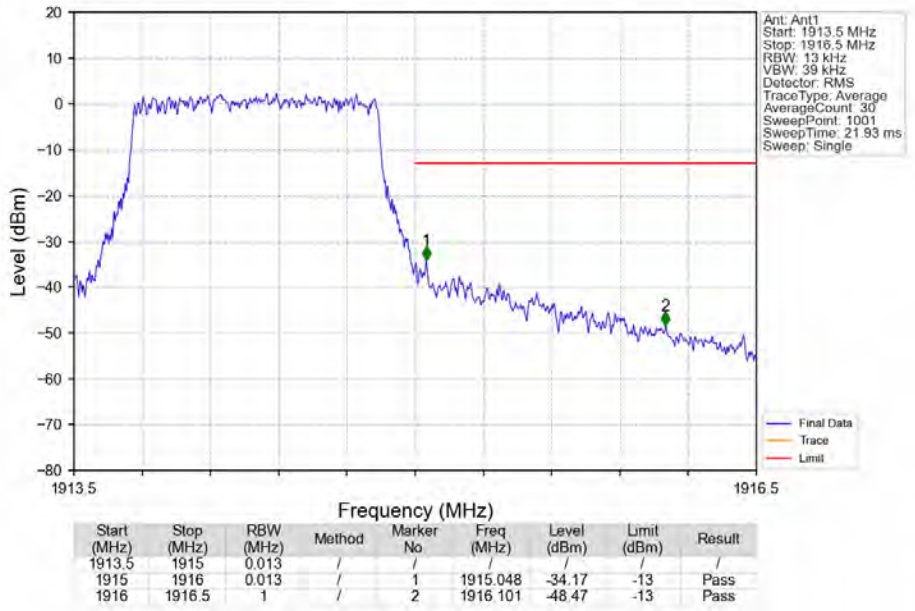
Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV



Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_1\_5\_NTNV



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



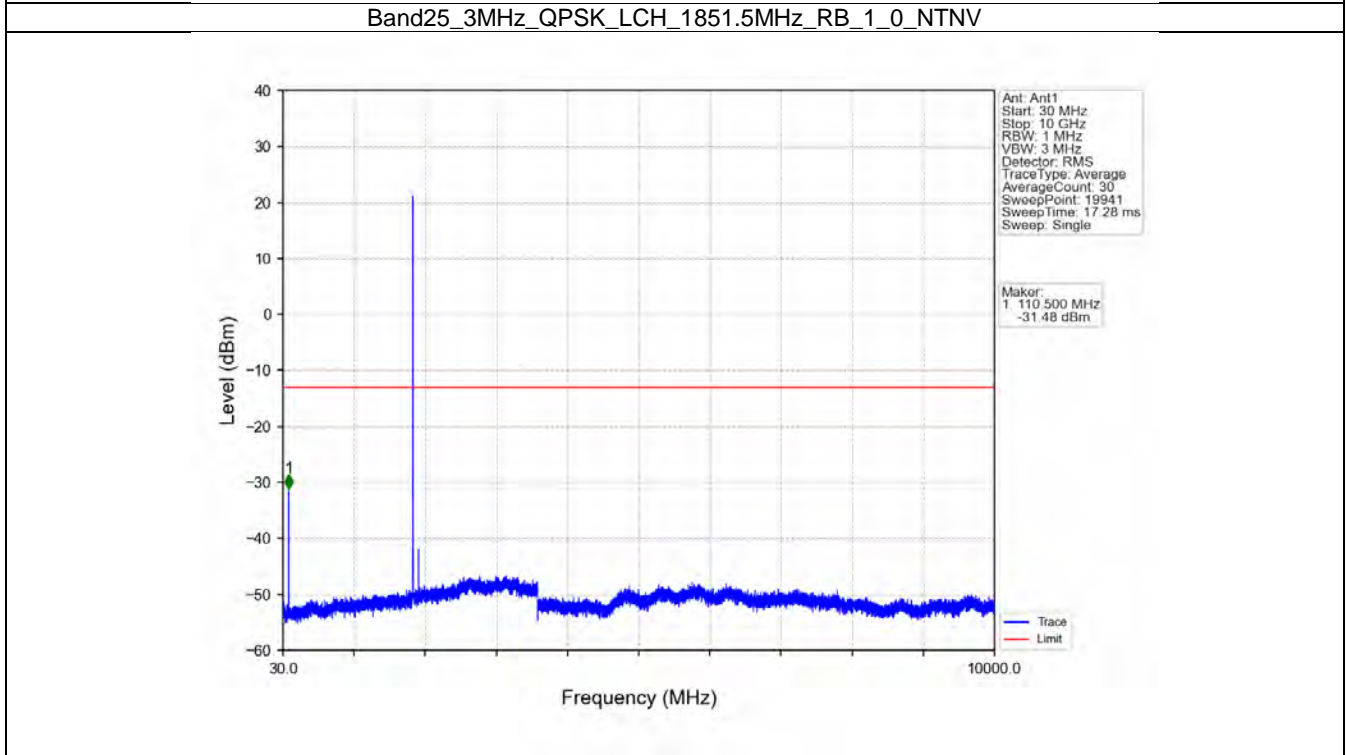
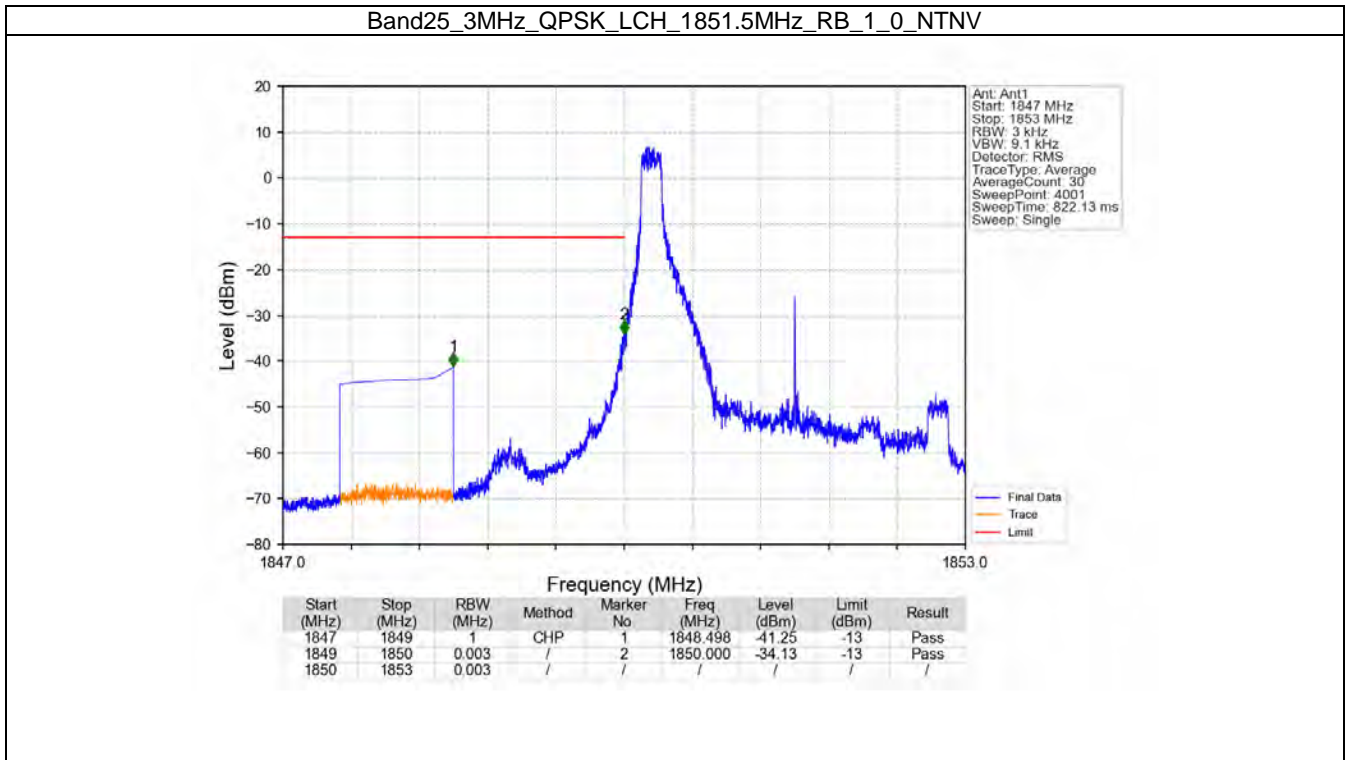


## 6.2 B25\_3MHz

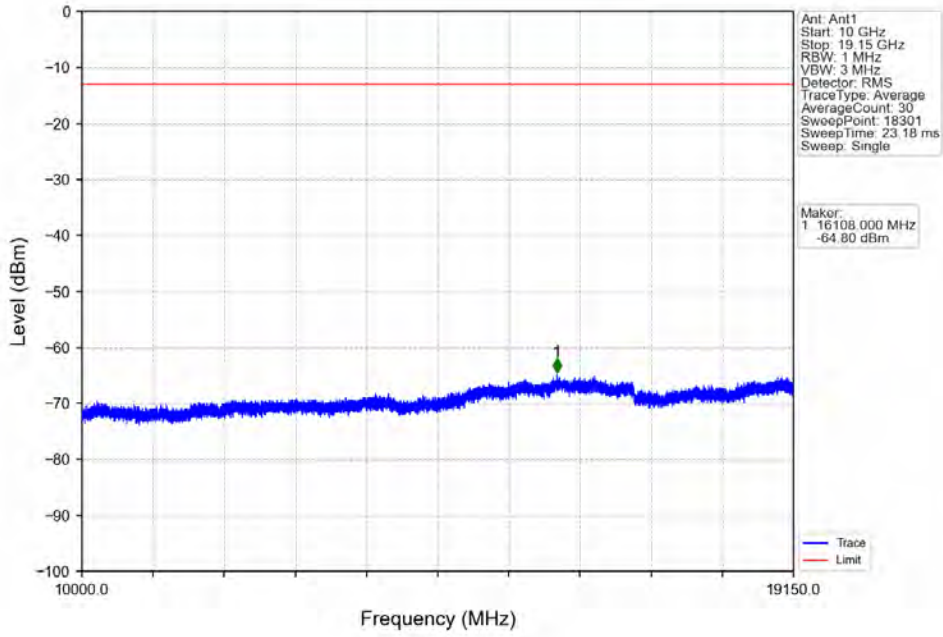
### 6.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1913.5	1	0	Refer To Test Graph		Pass
		1	14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1913.5	1	0	Refer To Test Graph		Pass
		1	14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

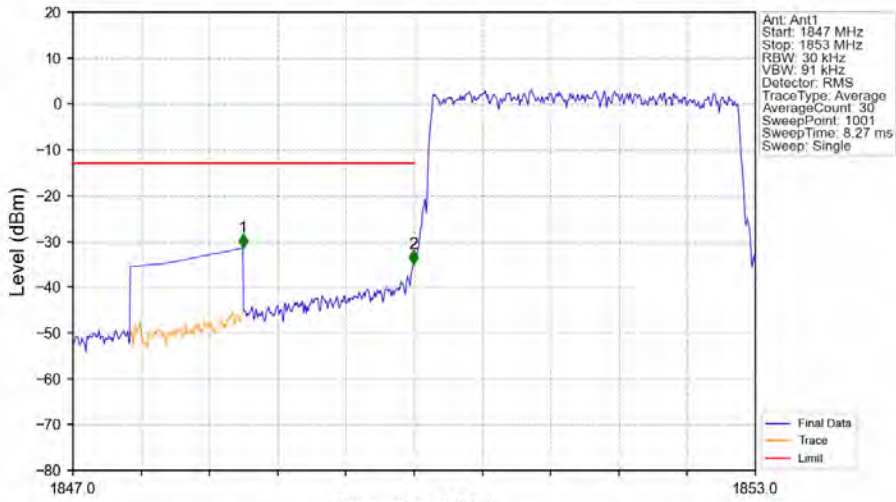
### 6.2.2 Test Graph



Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV

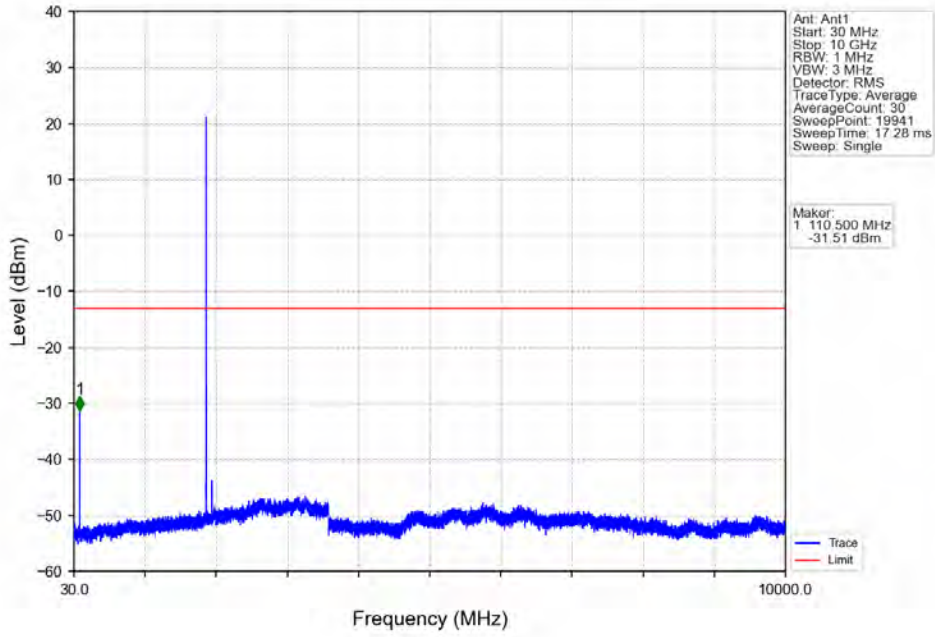


Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

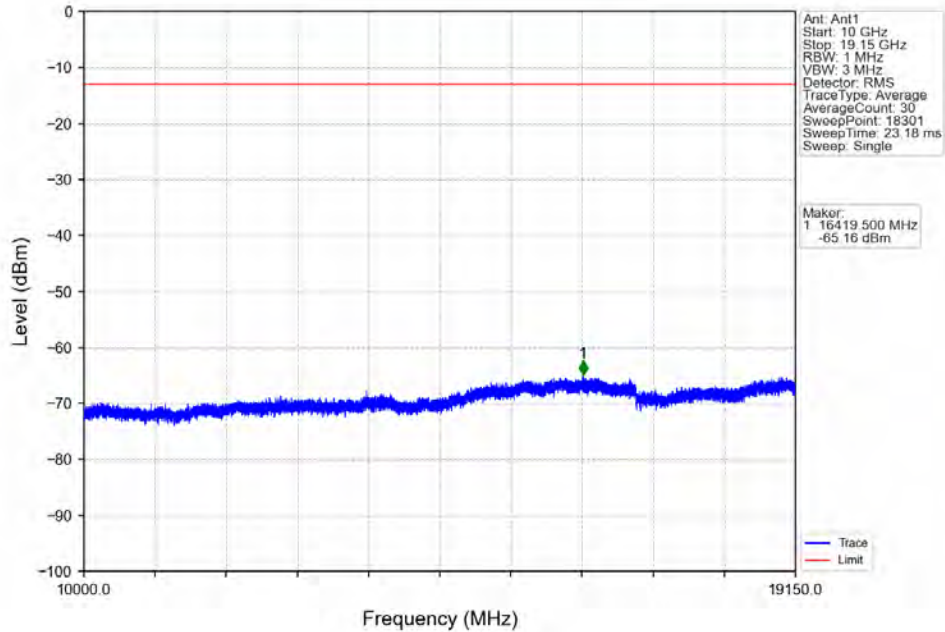


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-31.41	-13	Pass
1849	1850	0.03	/	2	1849.994	-34.95	-13	Pass
1850	1853	0.03	/	/	/	/	/	/

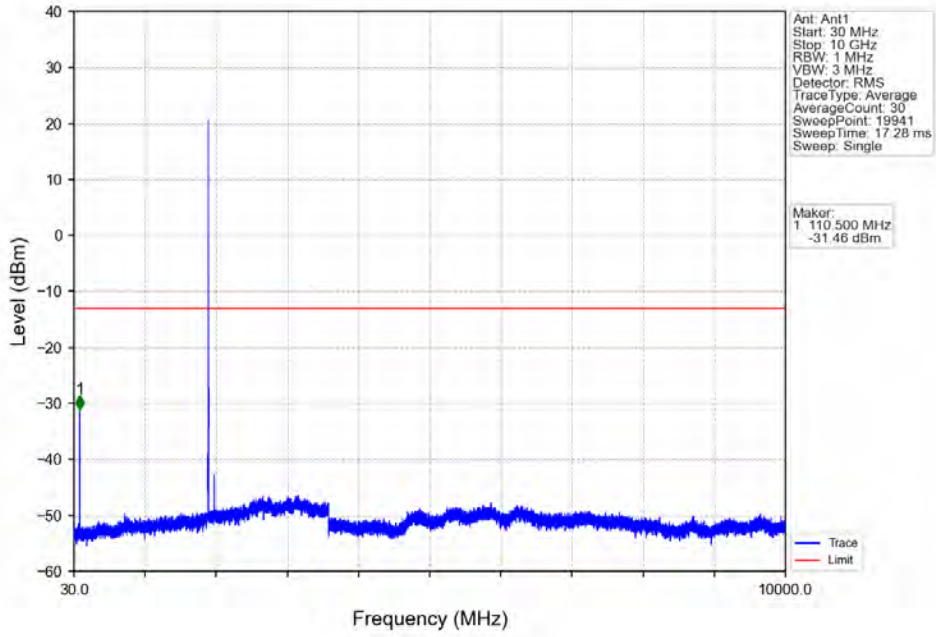
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



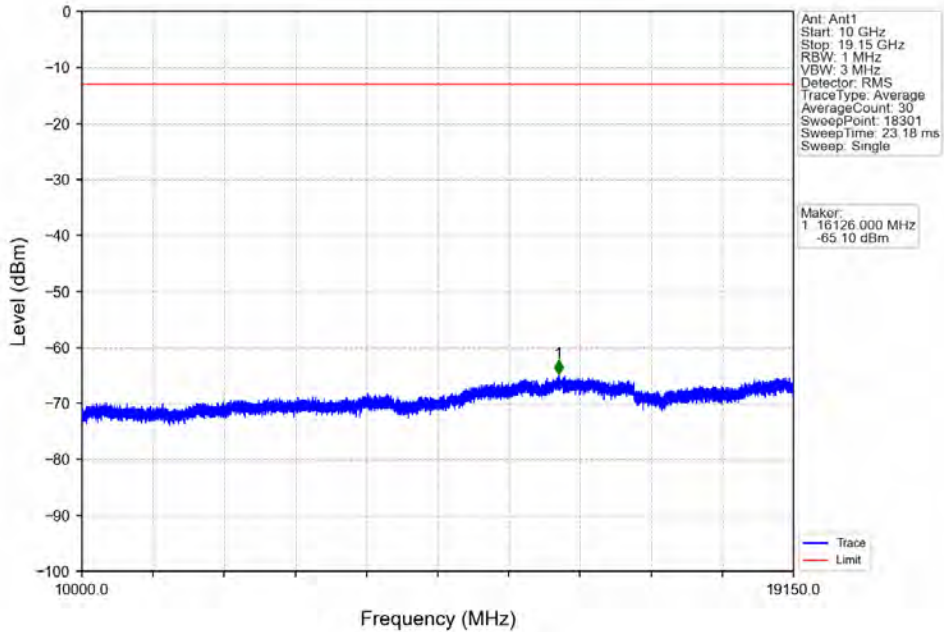
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



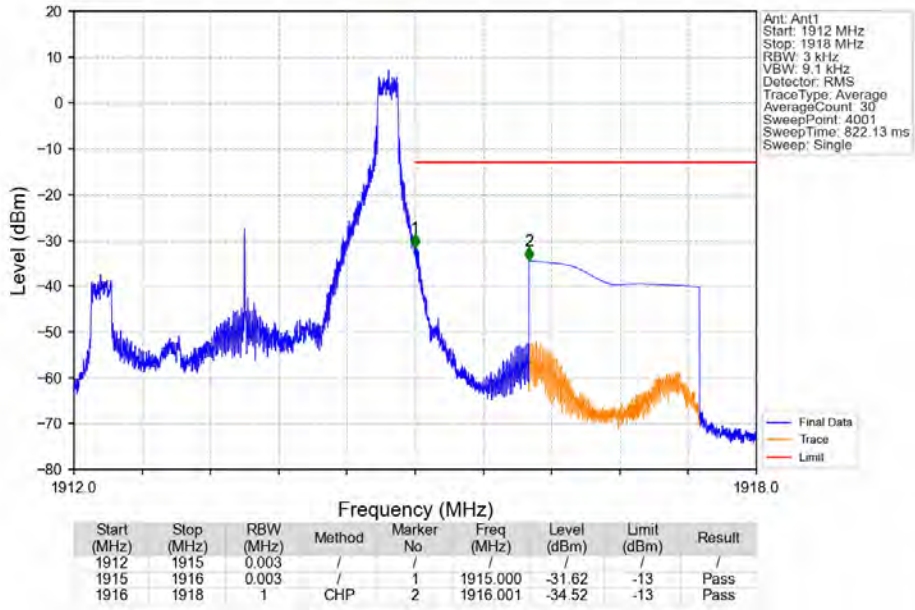
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_1\_0\_NTNV



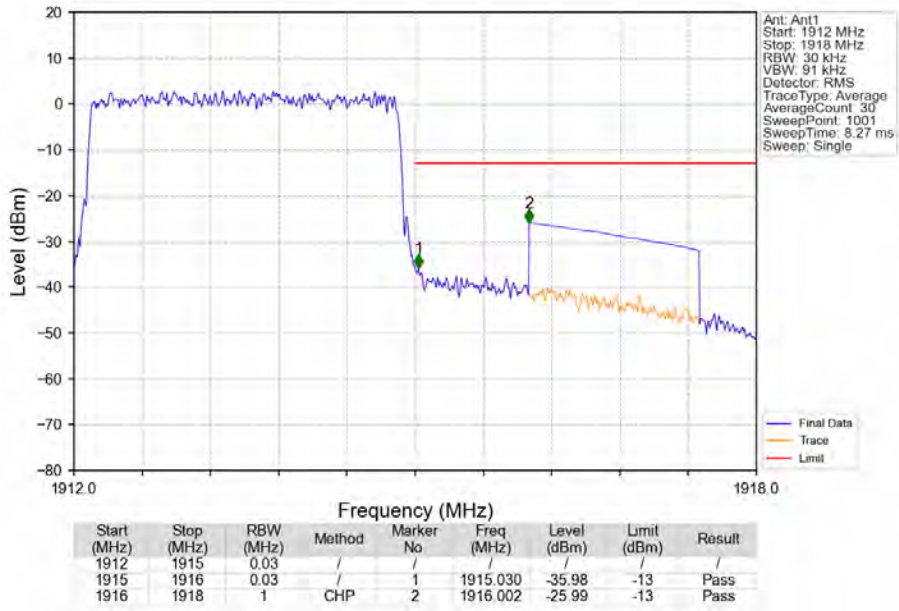
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_1\_0\_NTNV



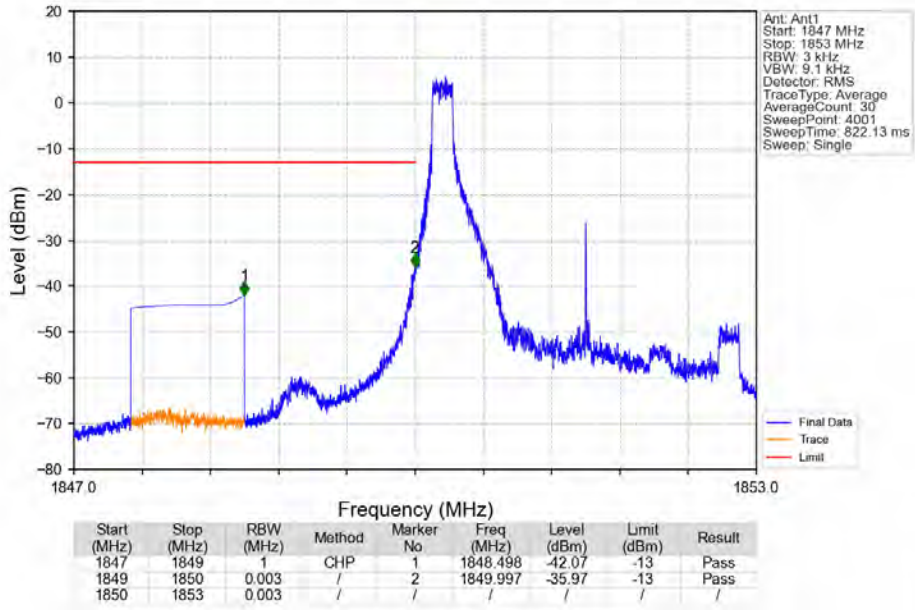
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_1\_14\_NTV



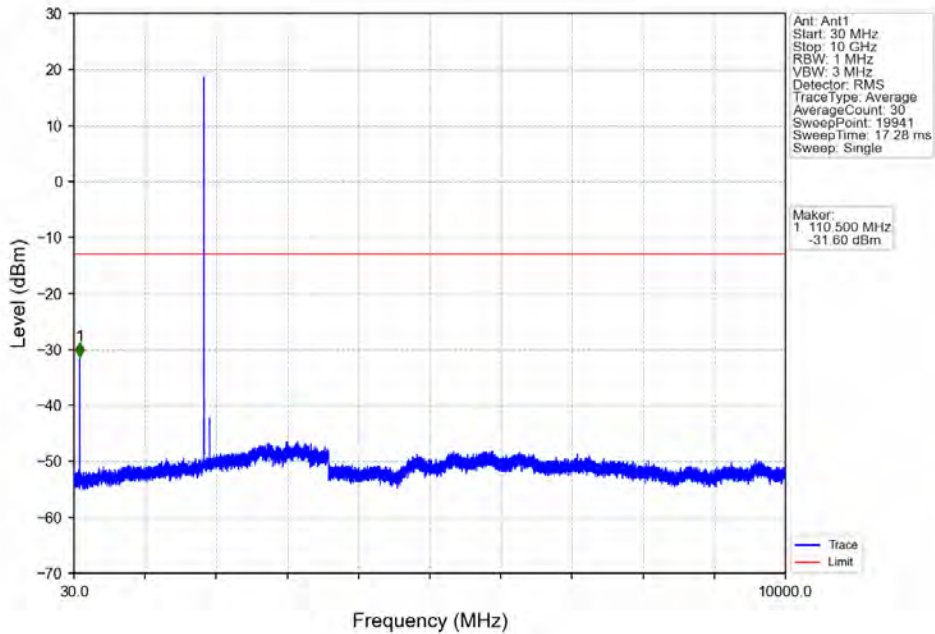
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTV



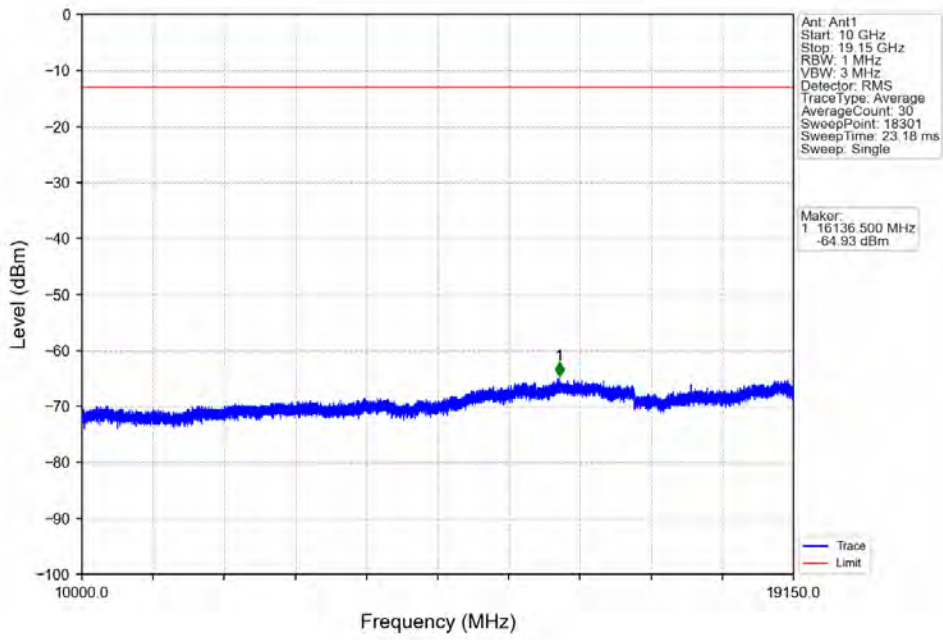
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



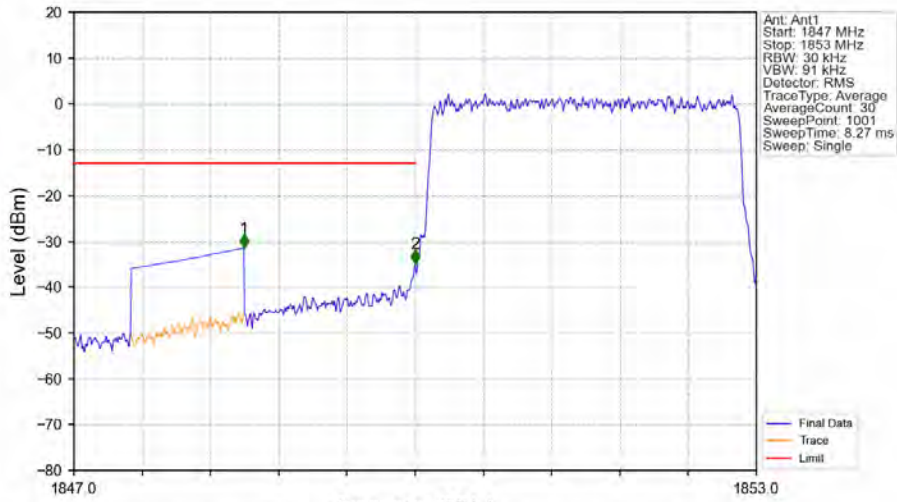
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



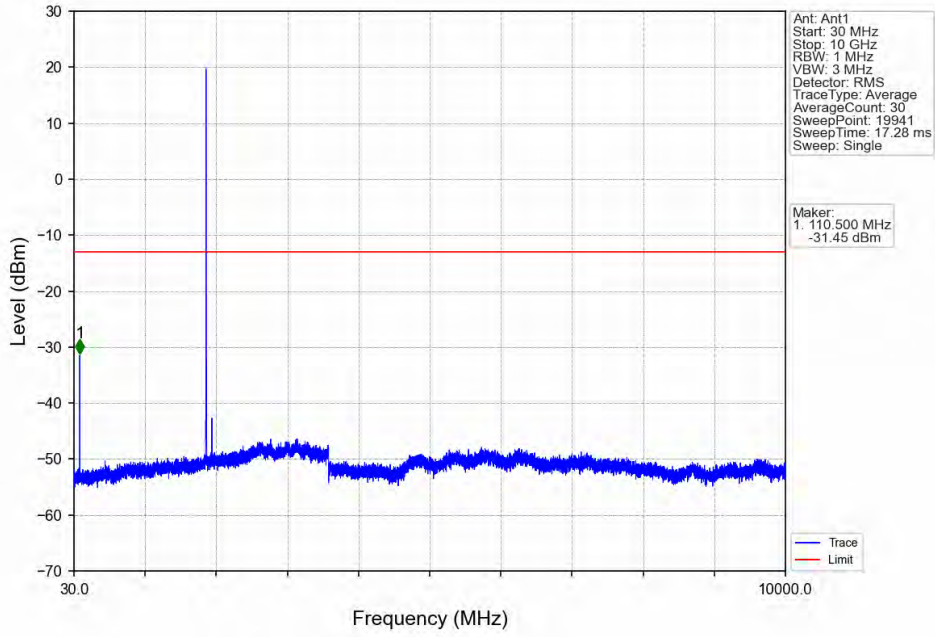
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



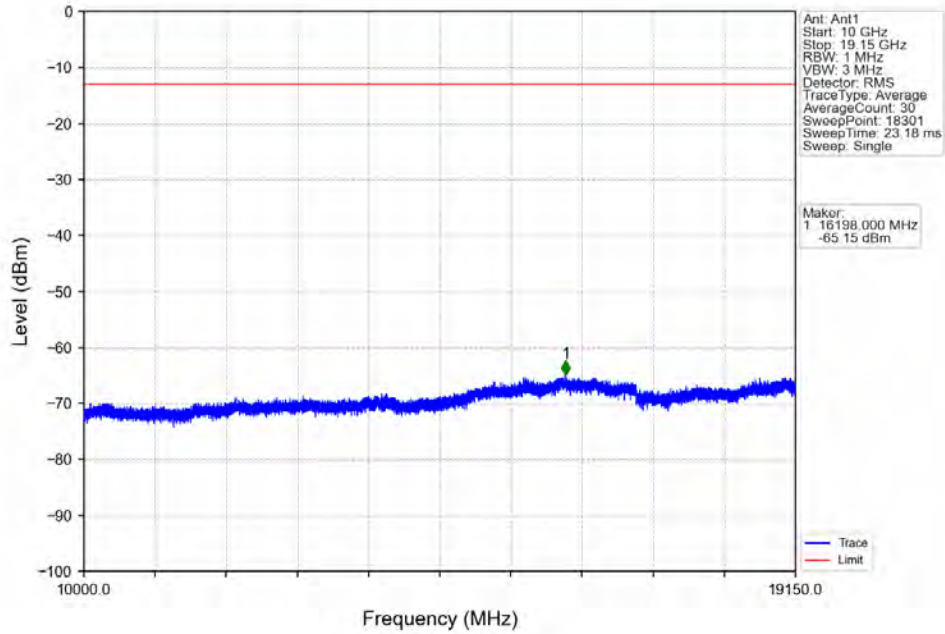
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-31.53	-13	Pass
1849	1850	0.03	/	2	1850.000	-34.89	-13	Pass
1850	1853	0.03	/	/	/	/	/	/



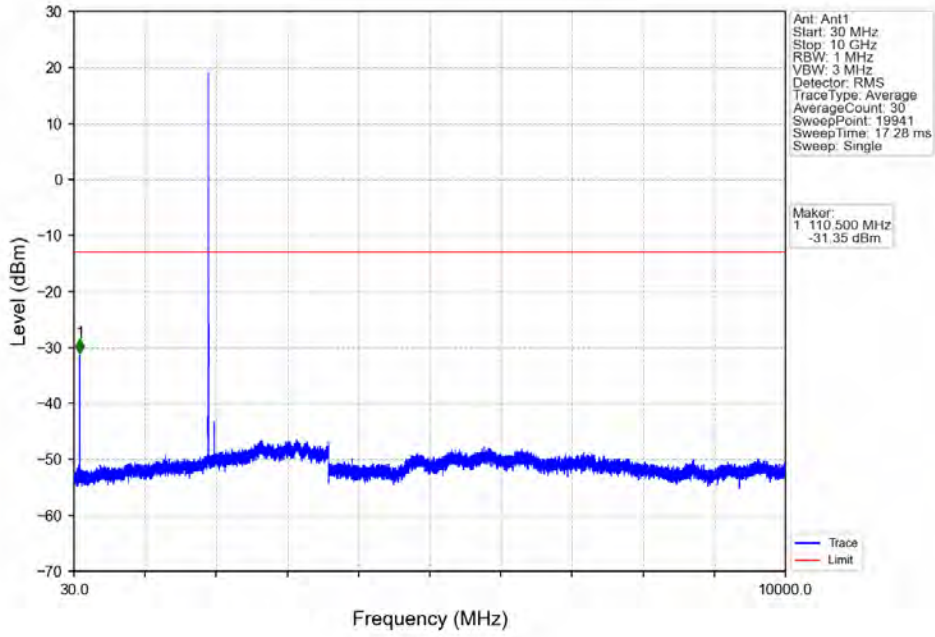
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



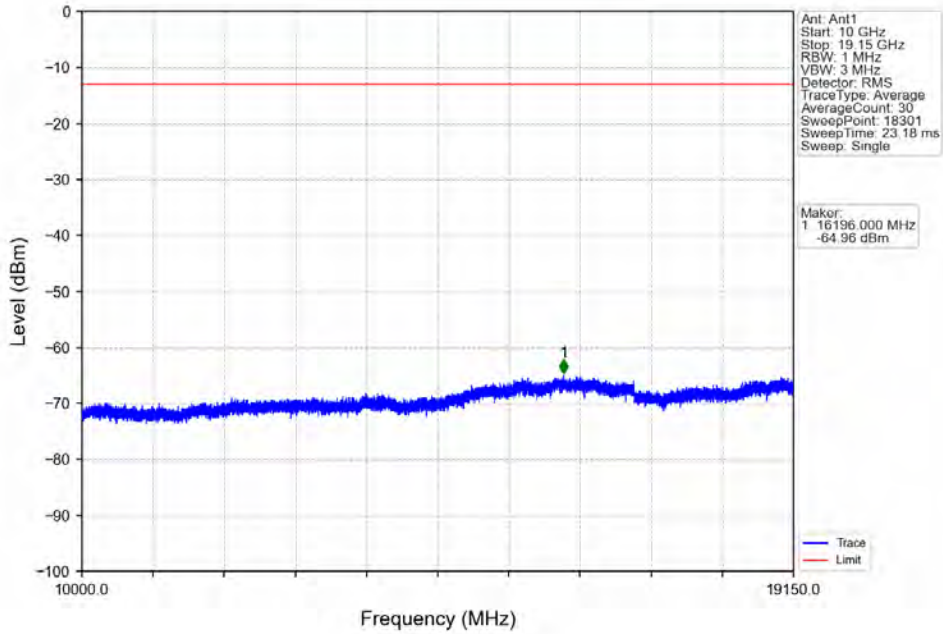
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



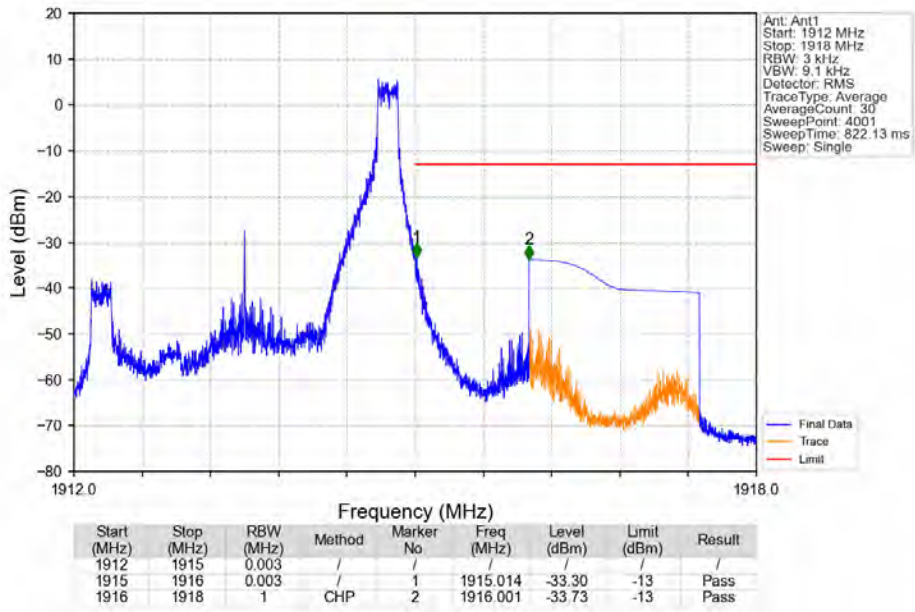
Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_1\_0\_NTNV



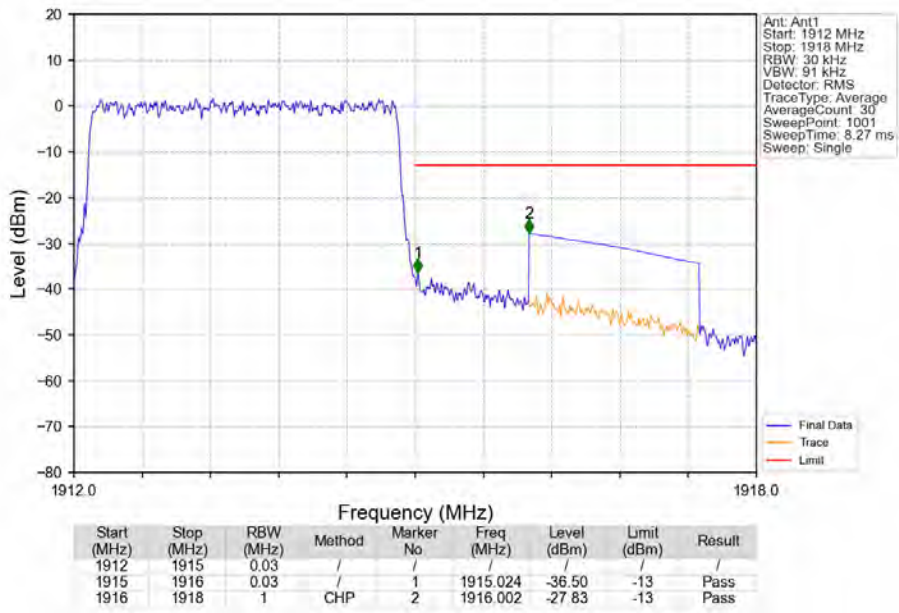
Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_1\_0\_NTNV



Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_1\_14\_NTNV



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

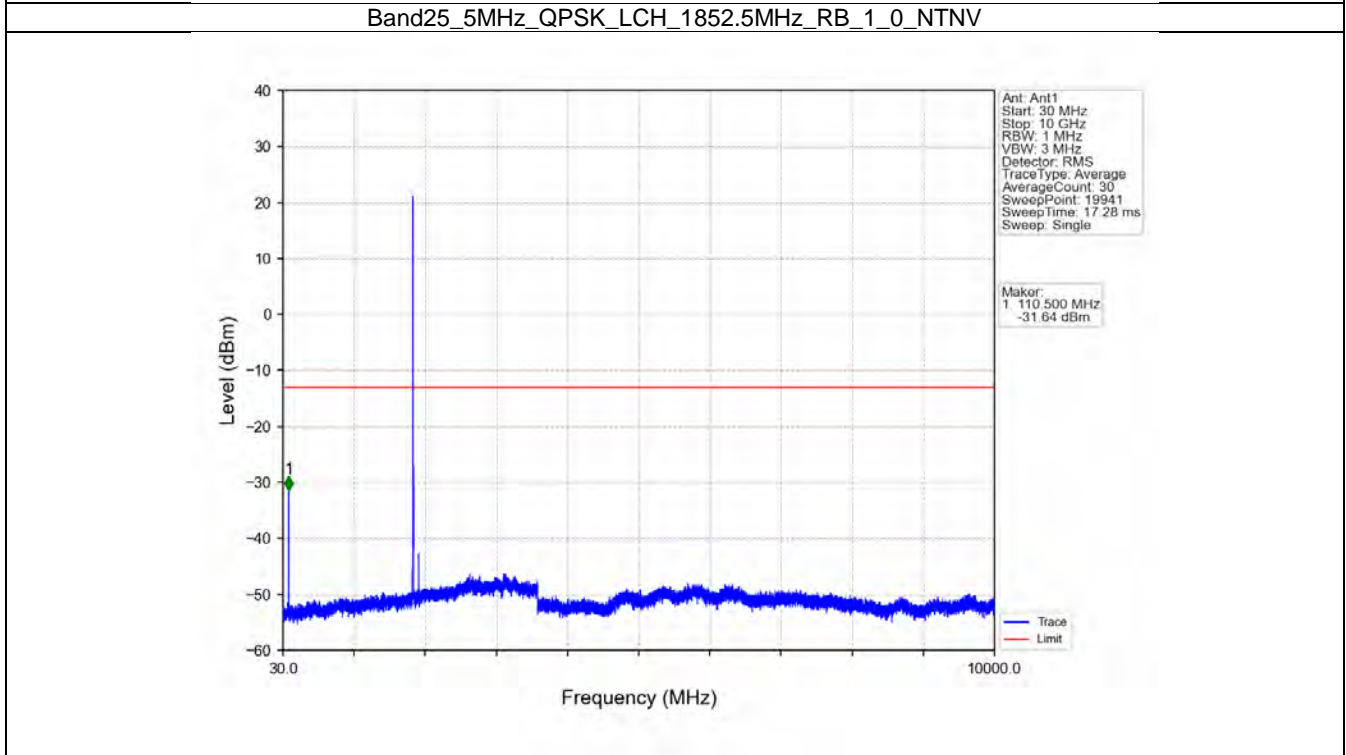
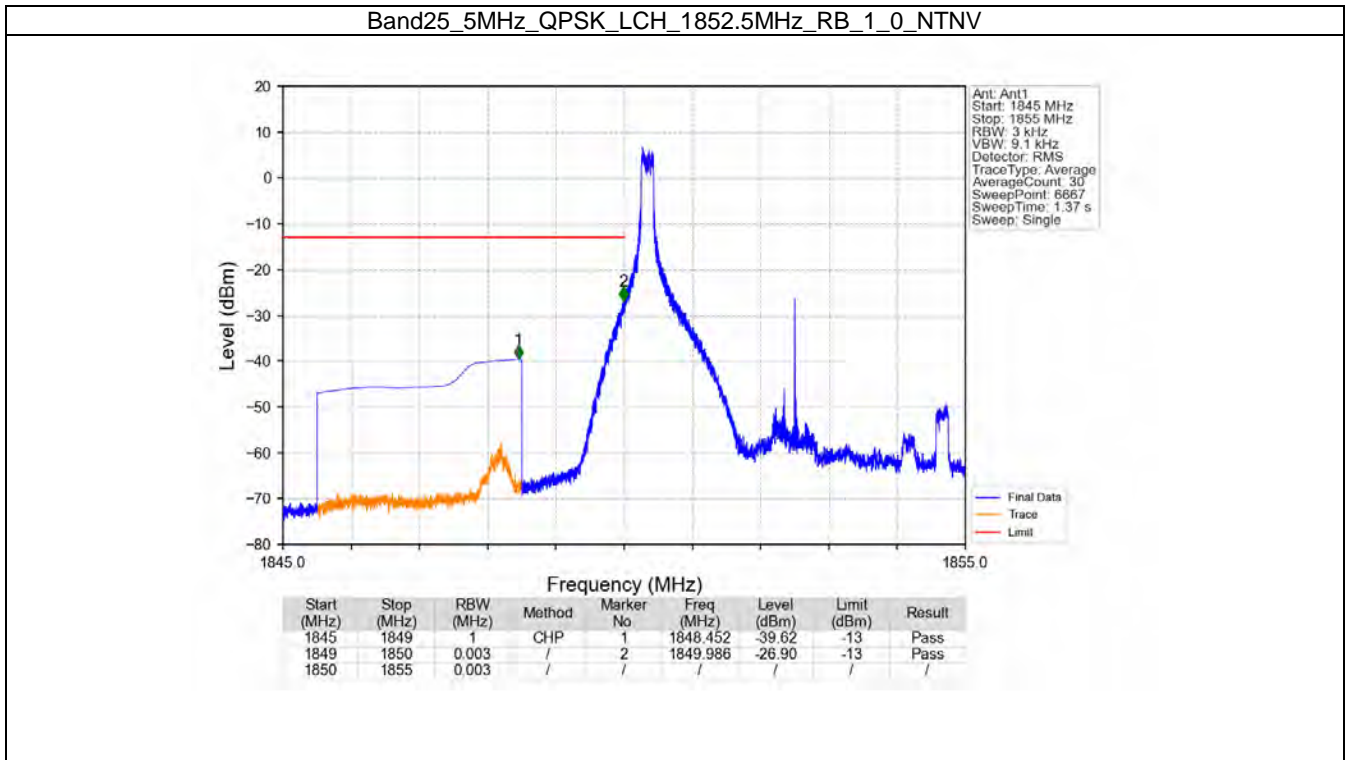


## 6.3 B25\_5MHz

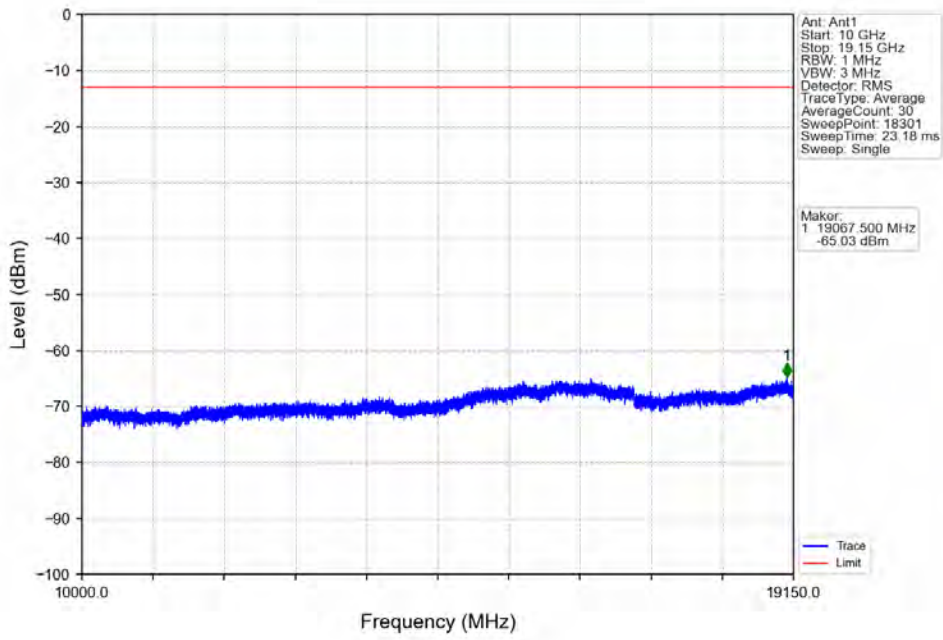
### 6.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1912.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1912.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

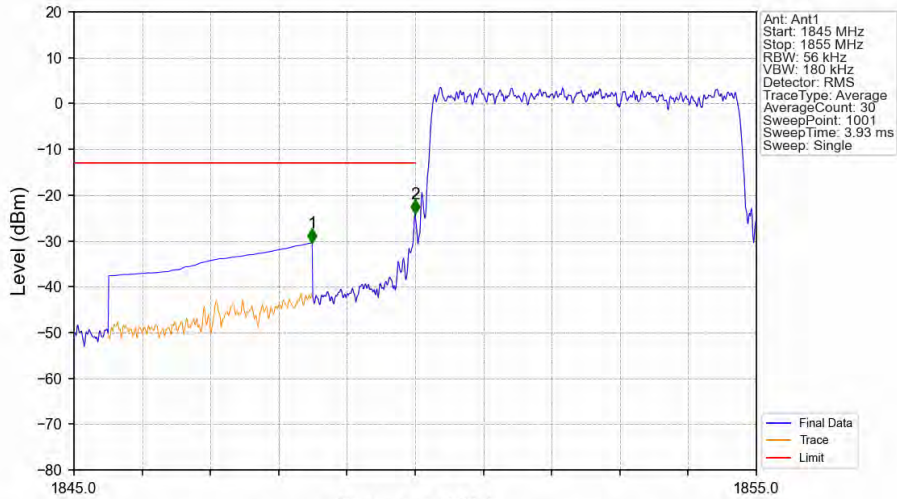
### 6.3.2 Test Graph



Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV

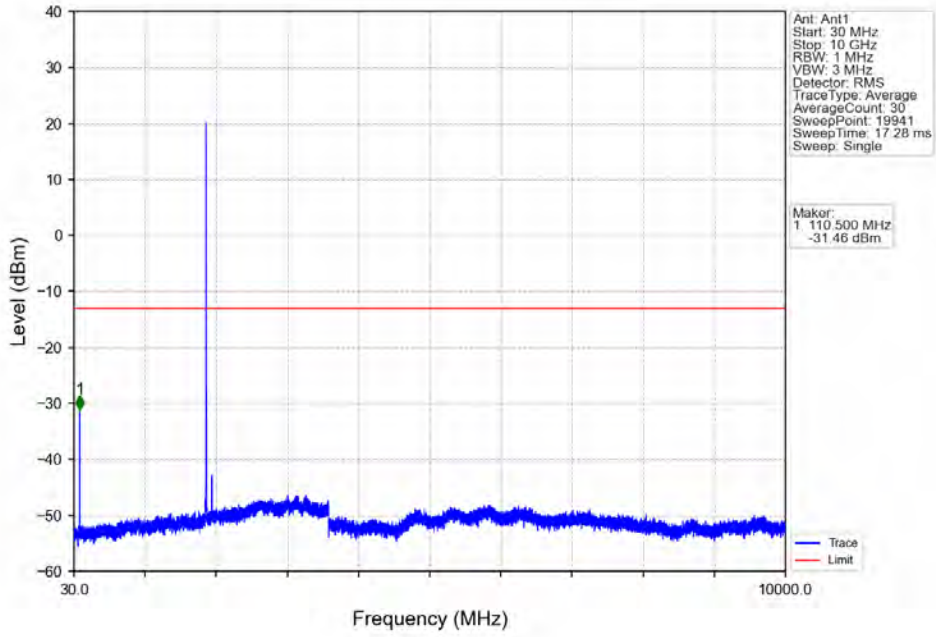


Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

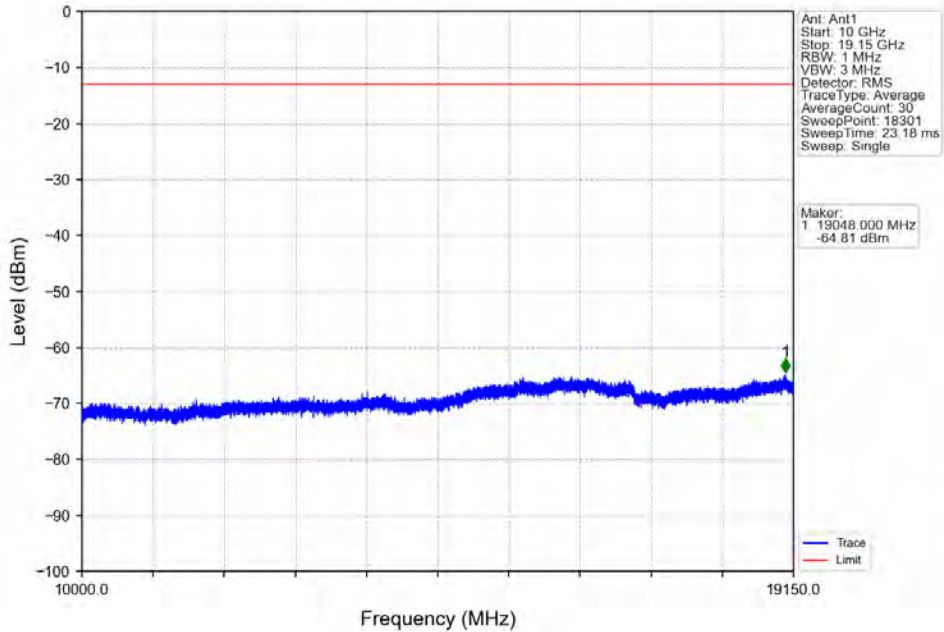


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-30.43	-13	Pass
1849	1850	0.056	/	2	1850.000	-24.06	-13	Pass
1850	1855	0.056	/	/	/	/	/	/

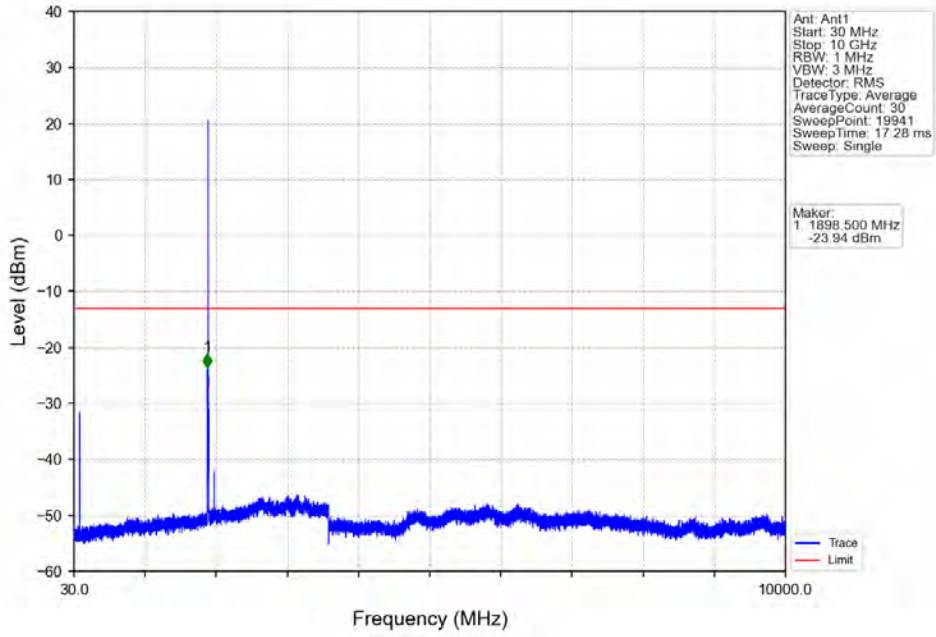
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



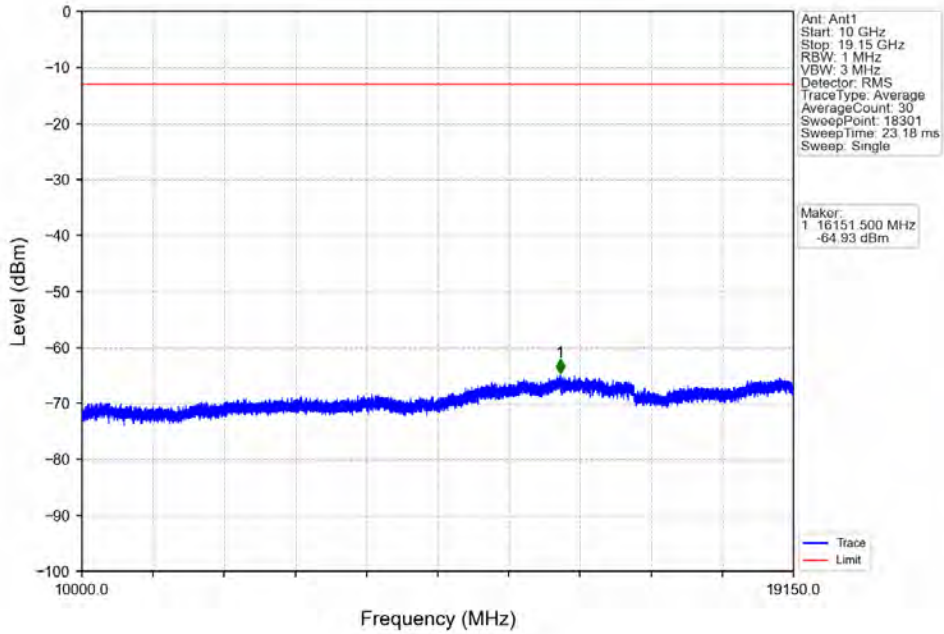
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_1\_0\_NTNV

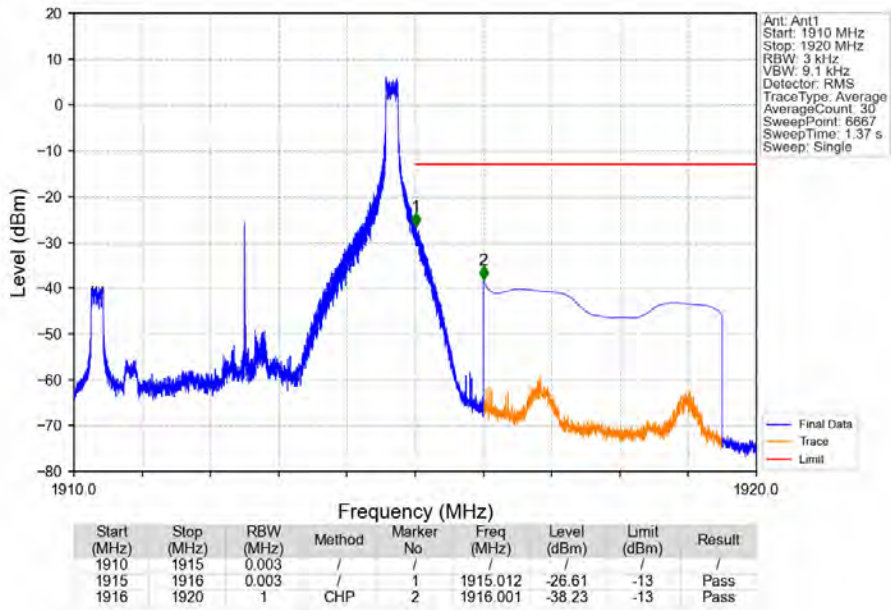


Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_1\_0\_NTNV

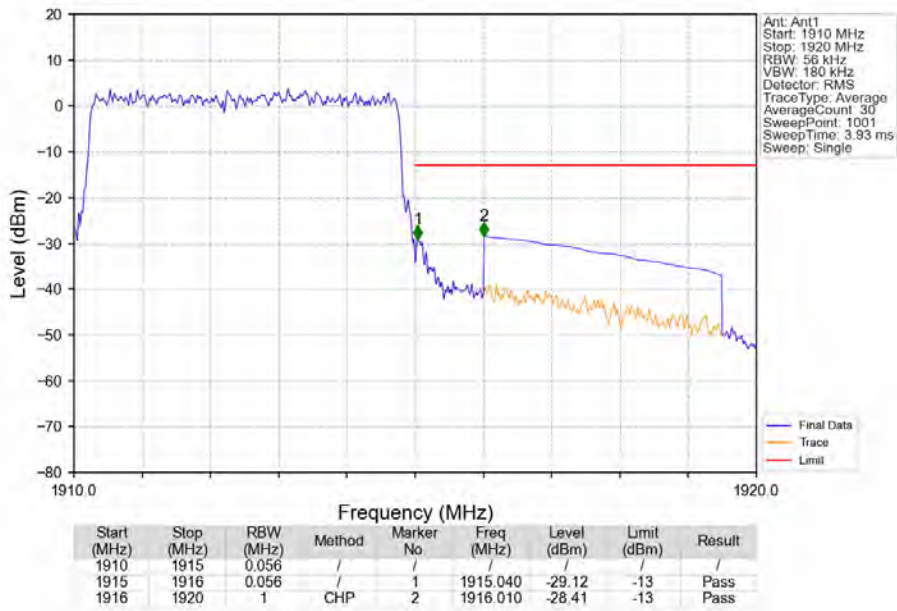




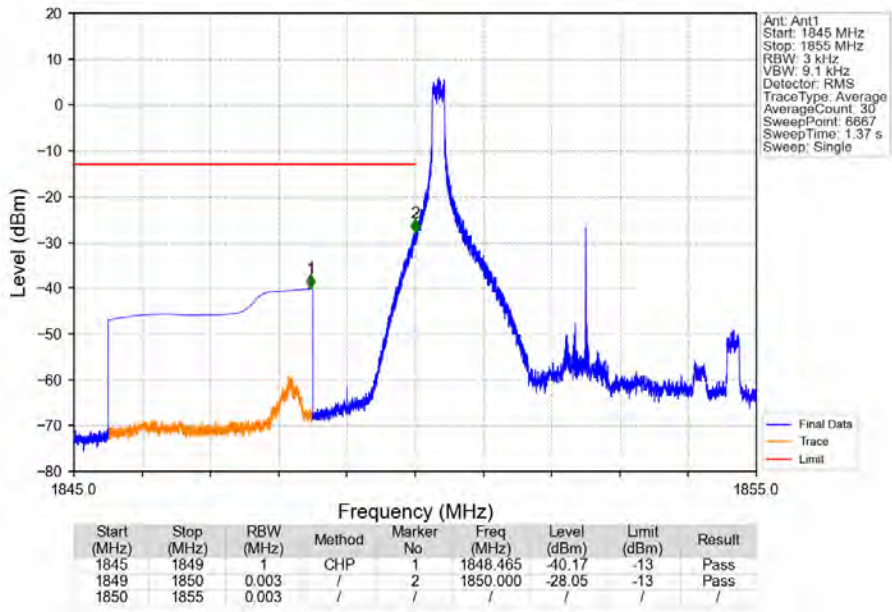
Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_1\_24\_NTNV



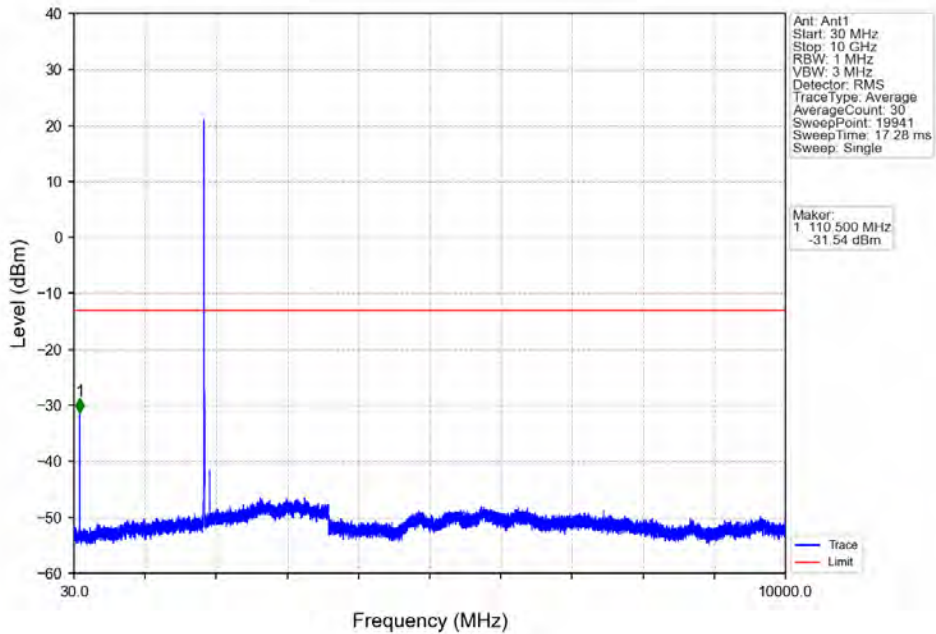
Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



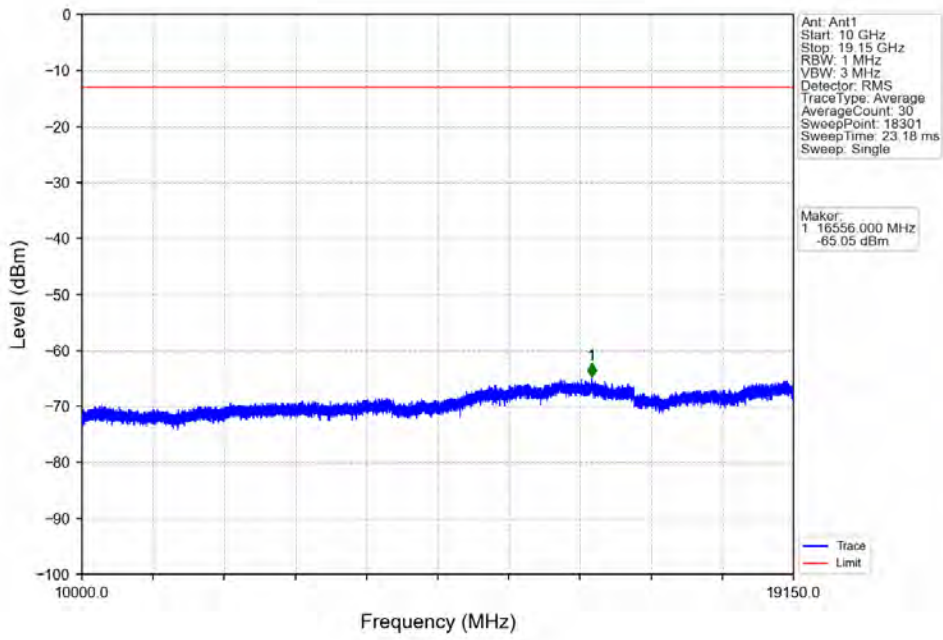
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



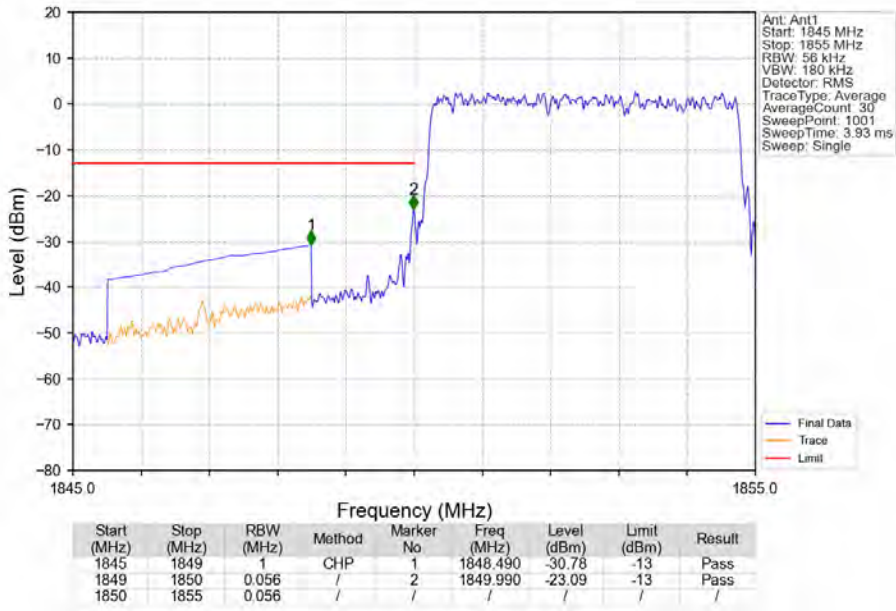
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



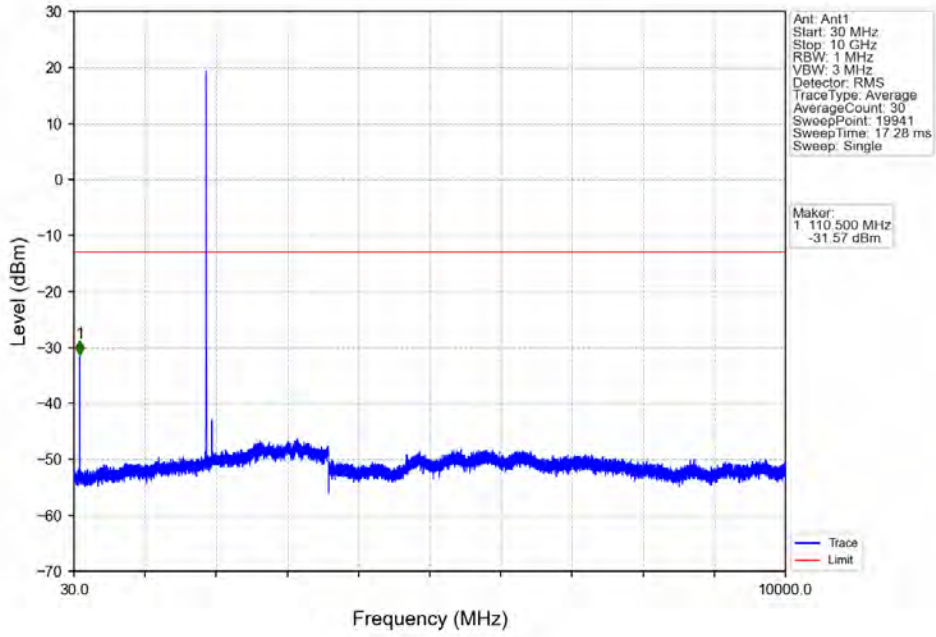
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



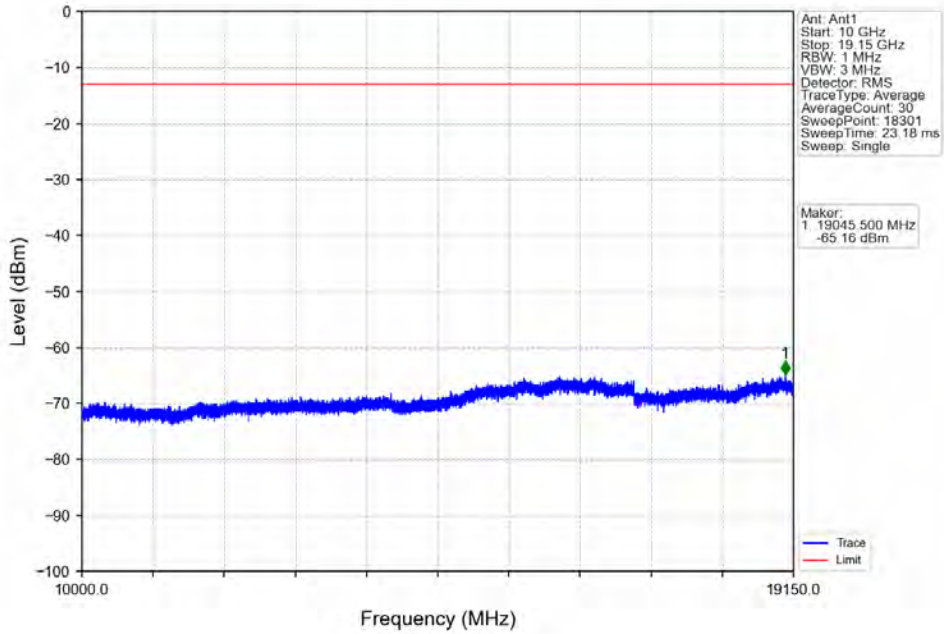
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



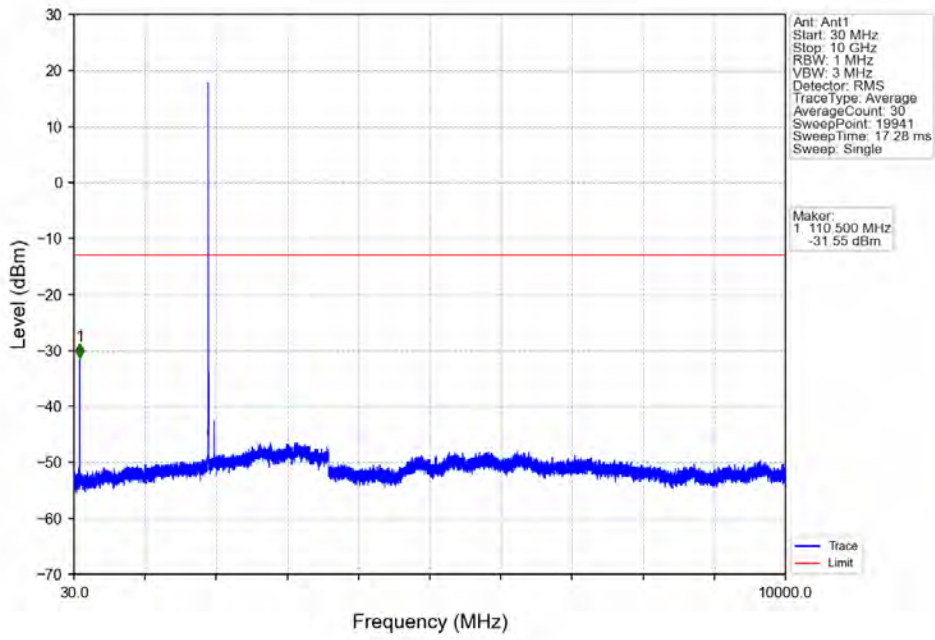
Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



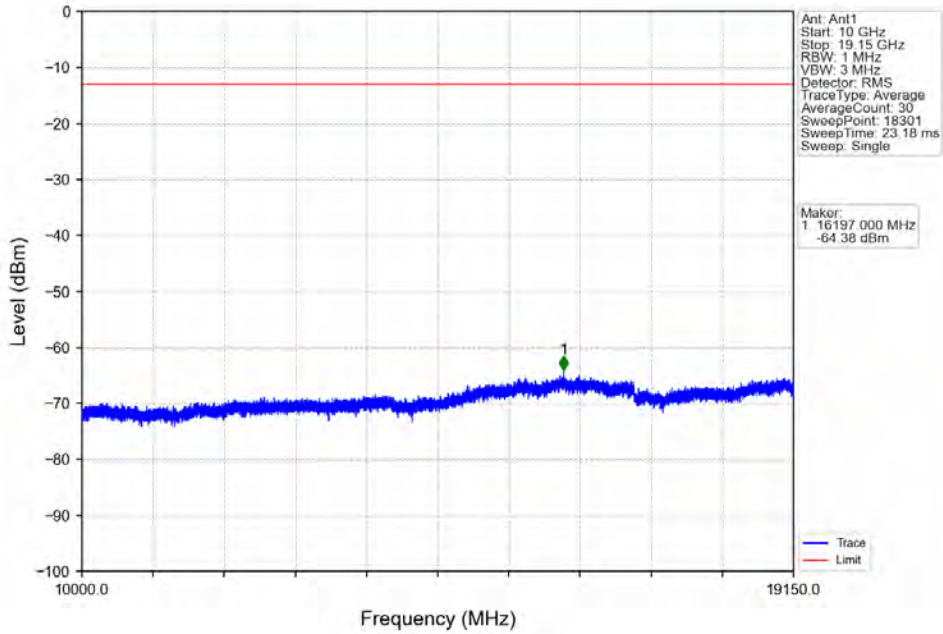
Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



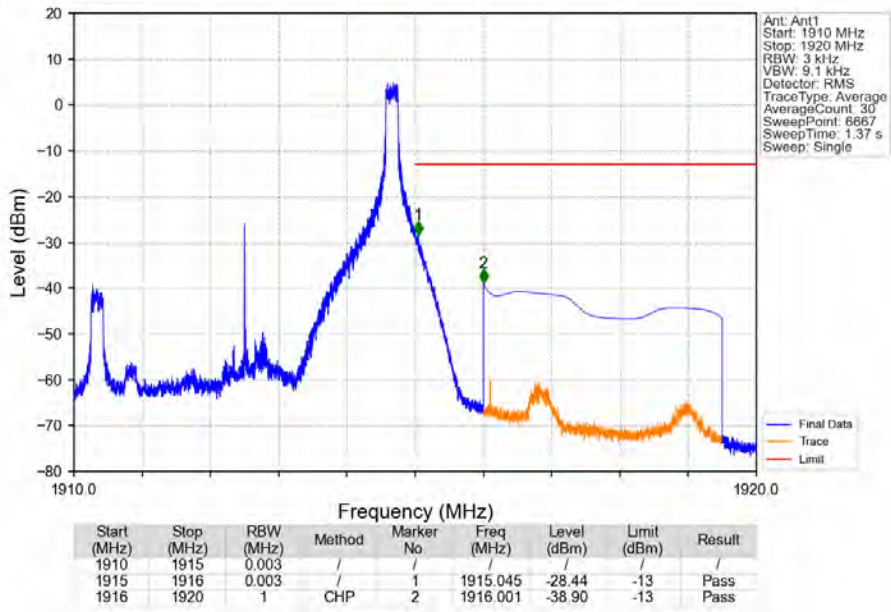
Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_1\_0\_NTNV



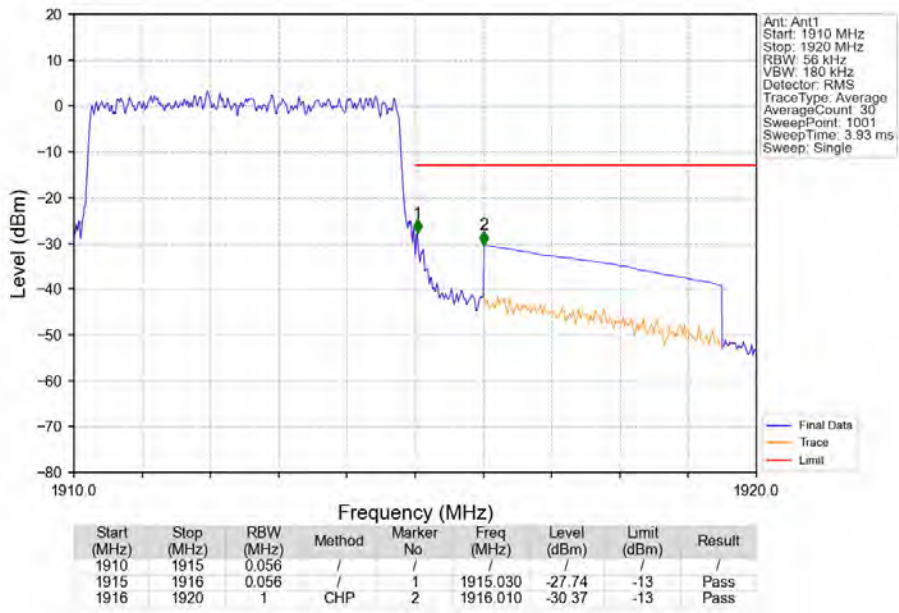
Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_1\_0\_NTNV



Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_1\_24\_NTNV



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

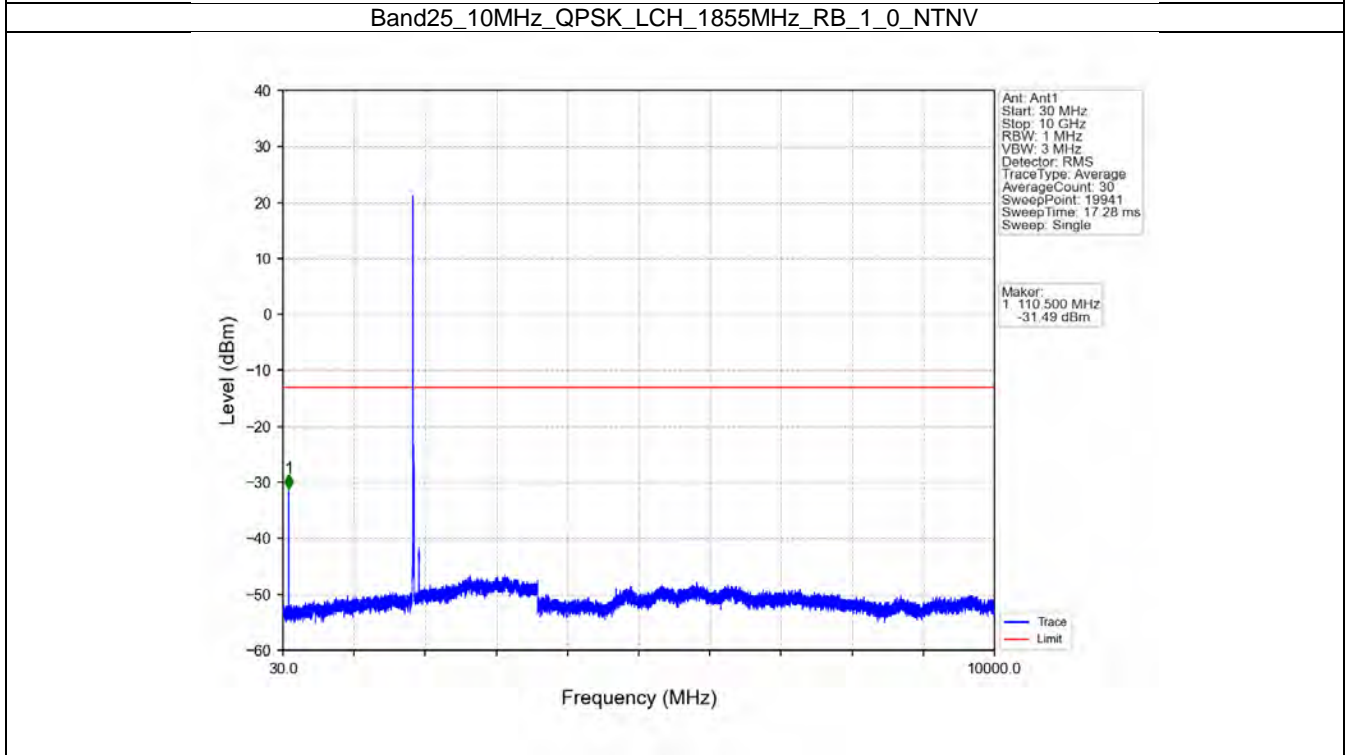
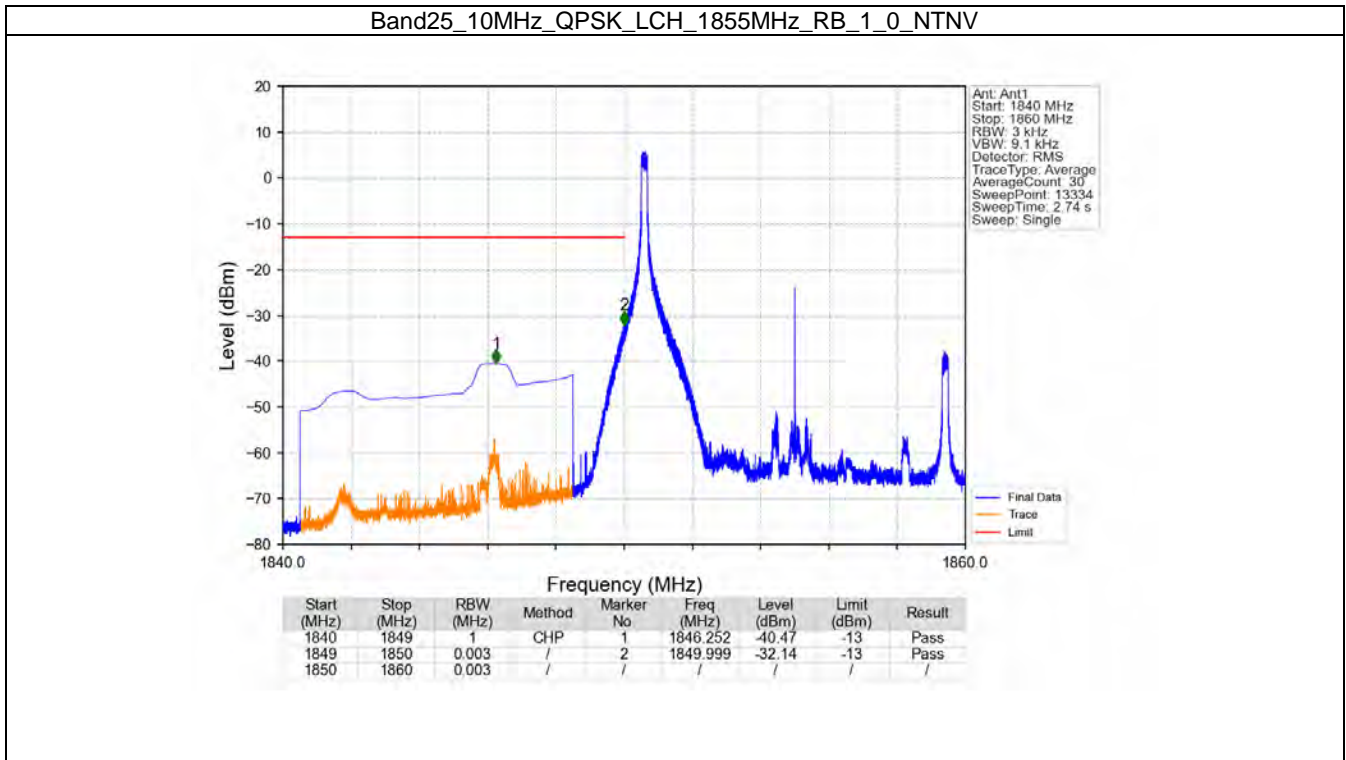


## 6.4 B25\_10MHz

### 6.4.1 Test Result

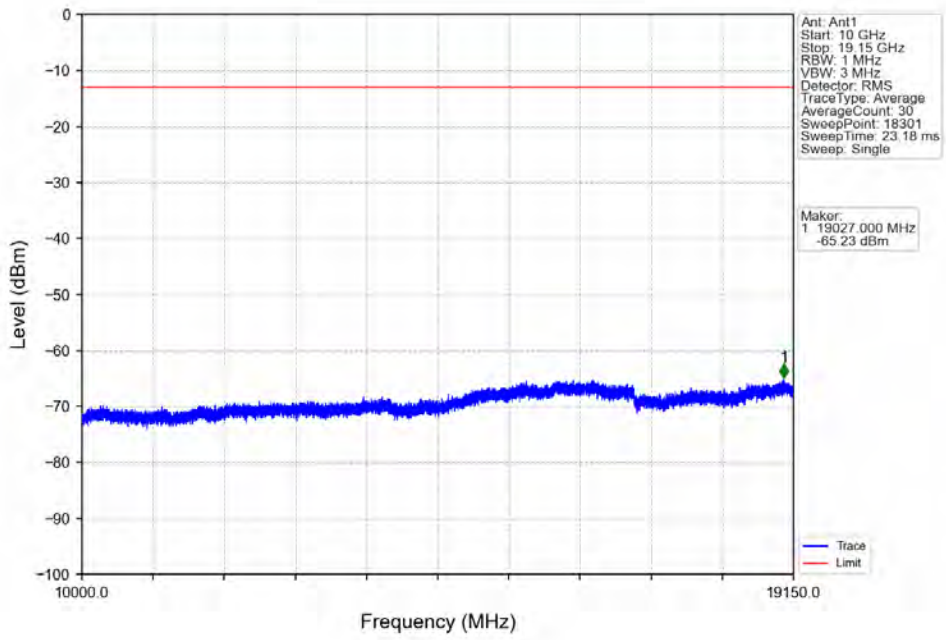
Band: 25 / Bandwidth: 10MHz / NTNV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1855	1	0	Refer To Test Graph		Pass	
		50	0	Refer To Test Graph		Pass	
	1910	1882.5	1	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
		50	49	Refer To Test Graph		Pass	
			0	Refer To Test Graph		Pass	
16QAM	1855	1	0	Refer To Test Graph		Pass	
		50	0	Refer To Test Graph		Pass	
	1910	1882.5	1	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
		50	49	Refer To Test Graph		Pass	
			0	Refer To Test Graph		Pass	

### 6.4.2 Test Graph

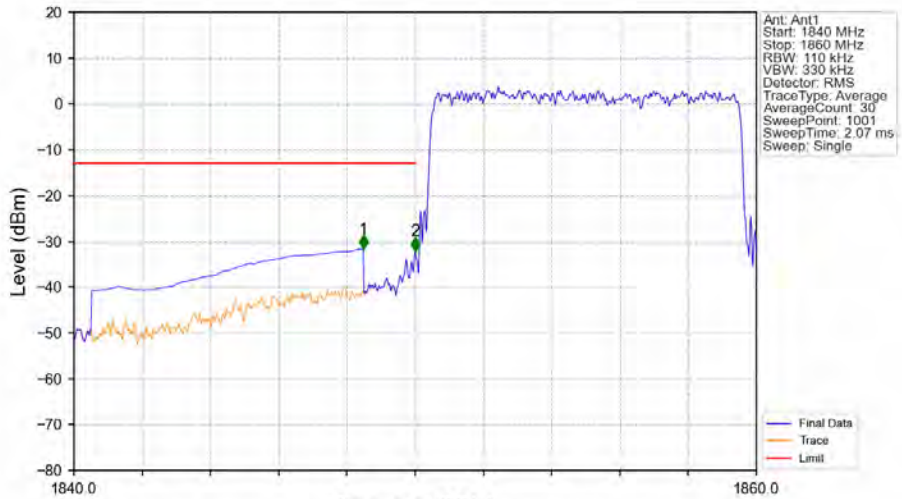




Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_1\_0\_NTNV

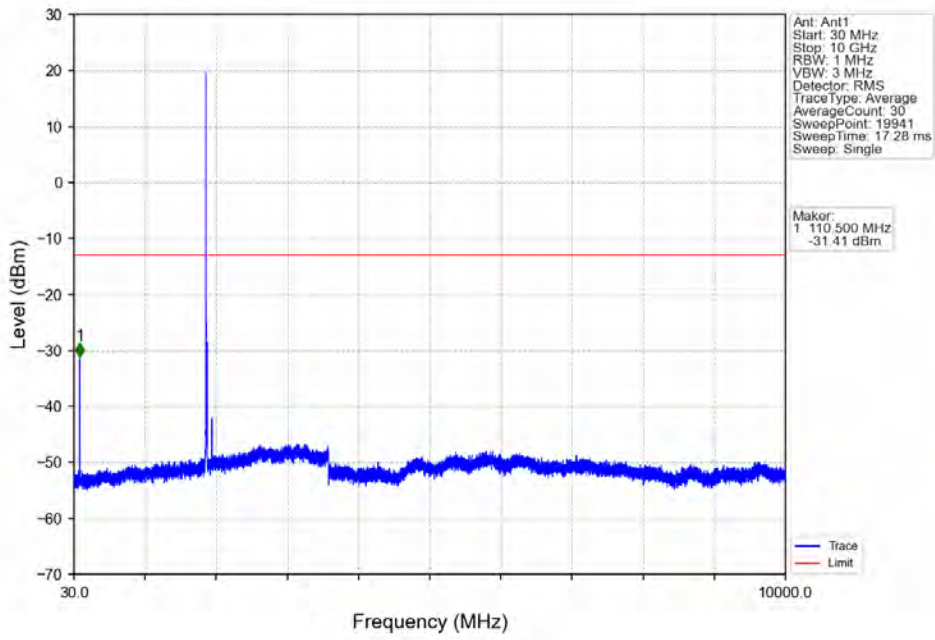


Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV

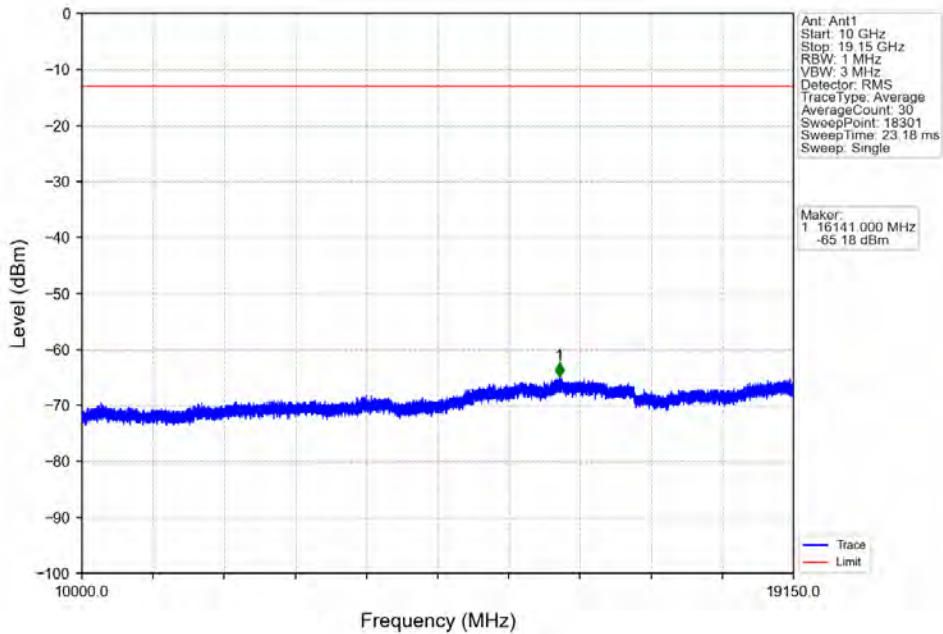


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.480	-31.69	-13	Pass
1849	1850	0.11	/	2	1850.000	-32.12	-13	Pass
1850	1860	0.11	/	/	/	/	/	/

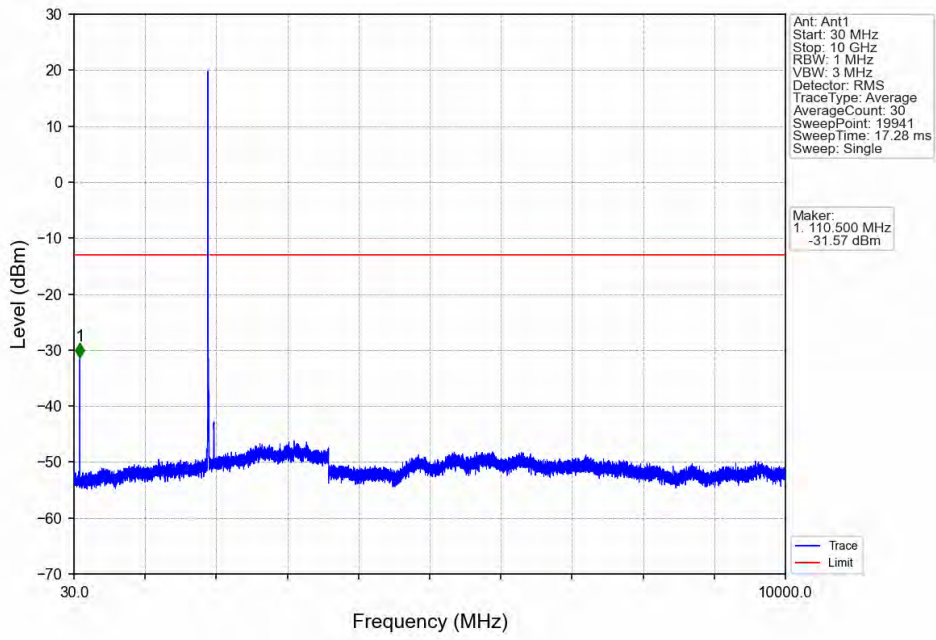
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



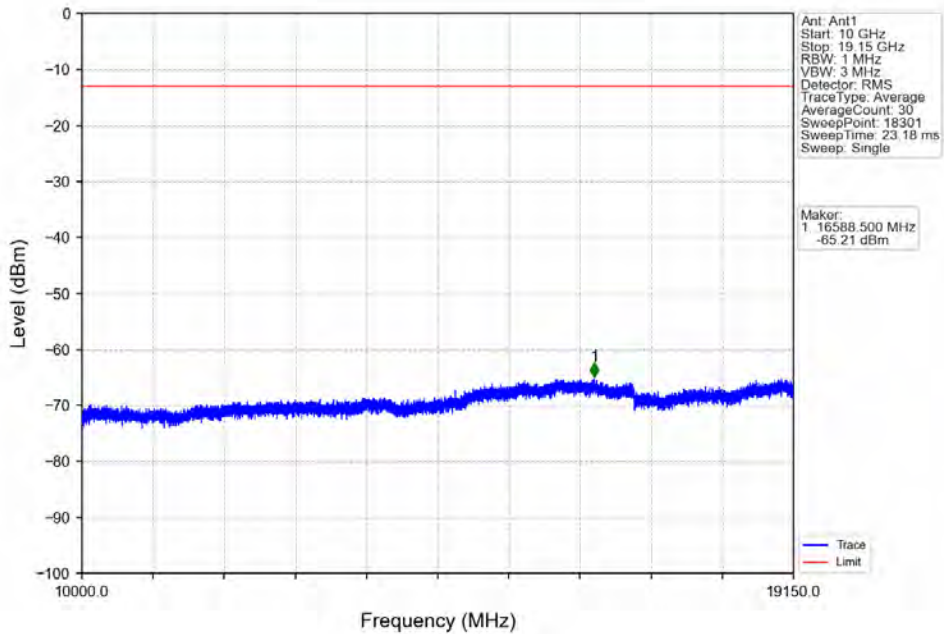
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



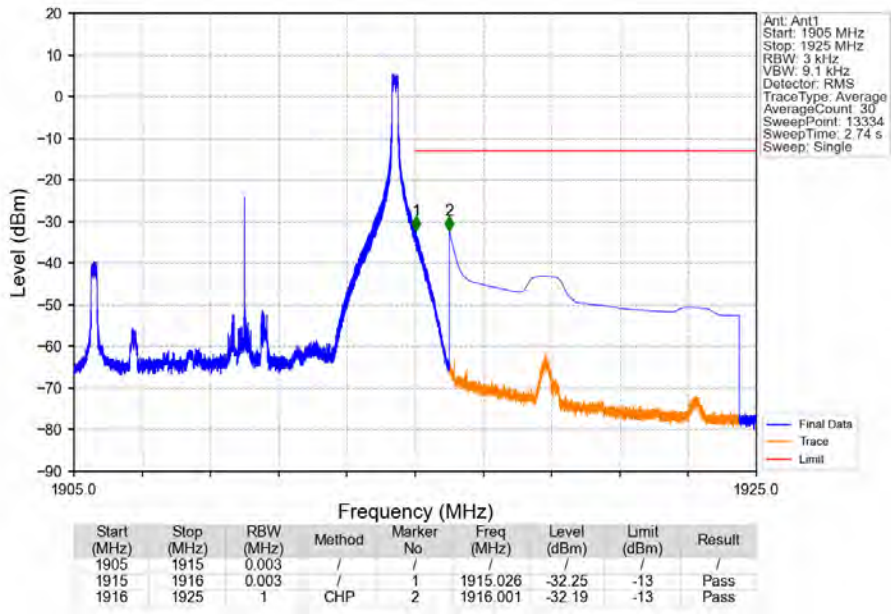
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_1\_0\_NTNV



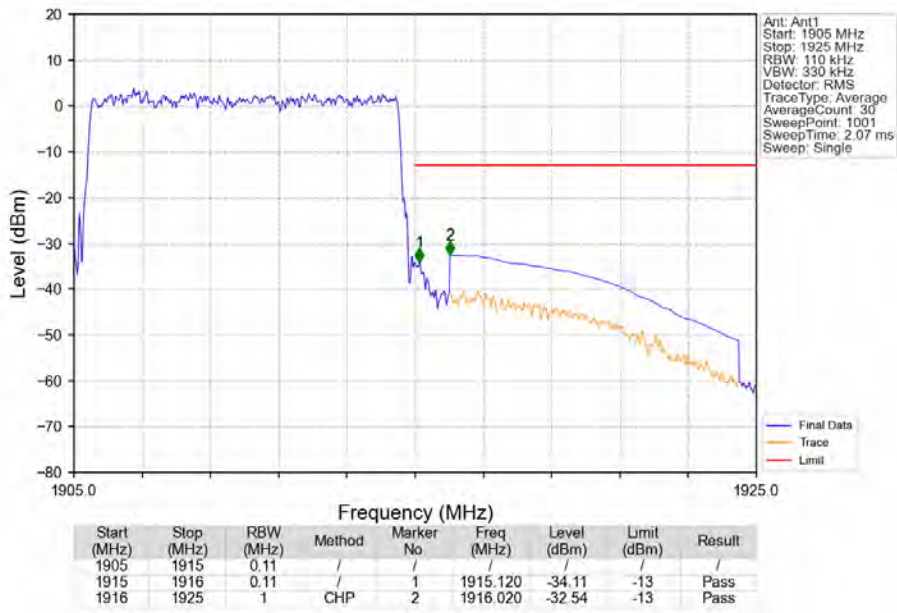
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_1\_0\_NTNV



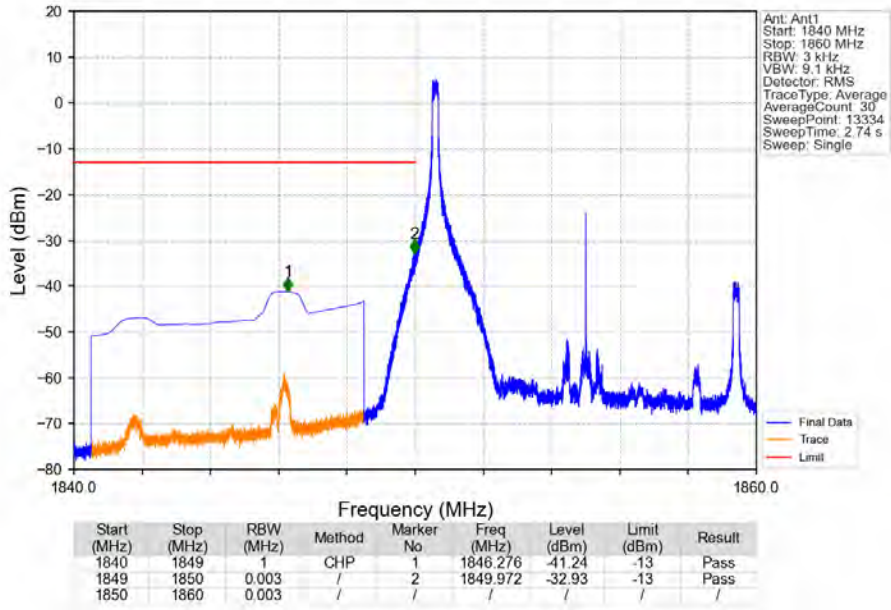
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_1\_49\_NTNV



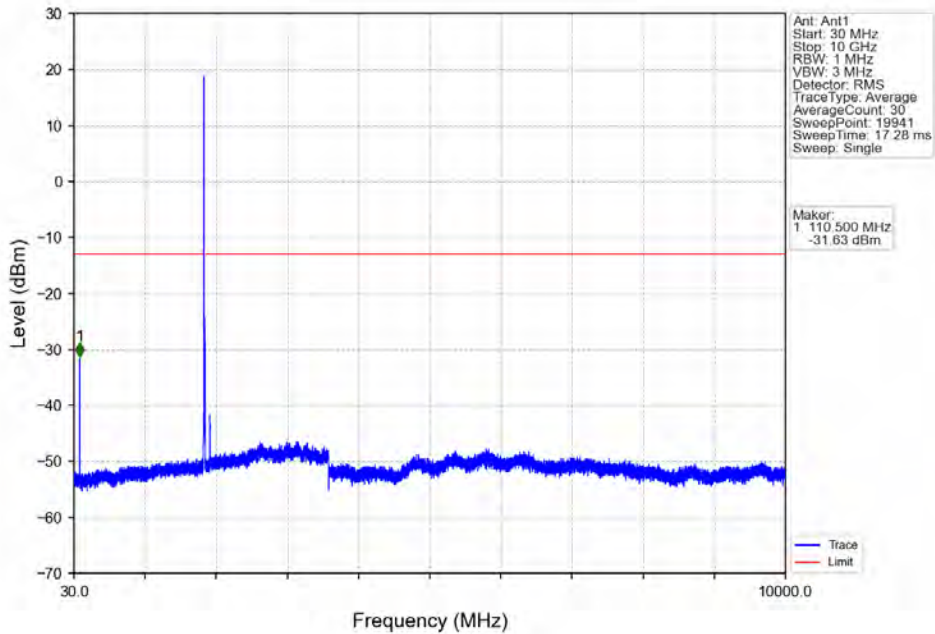
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTNV



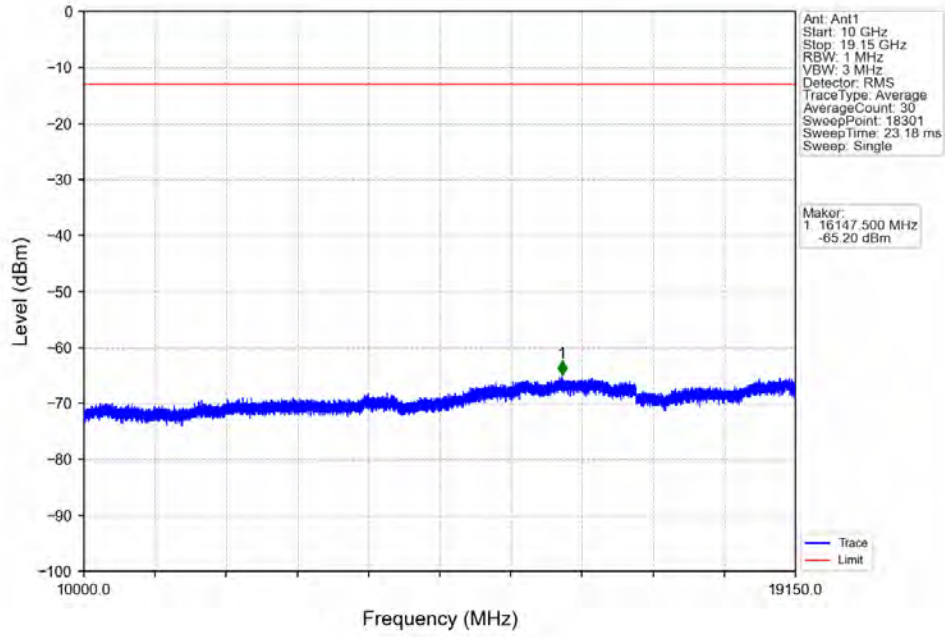
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV



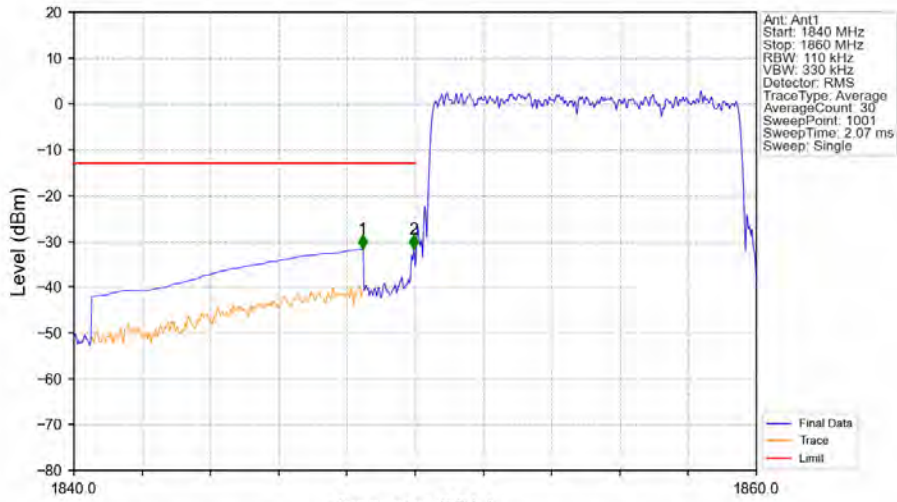
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV



Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV

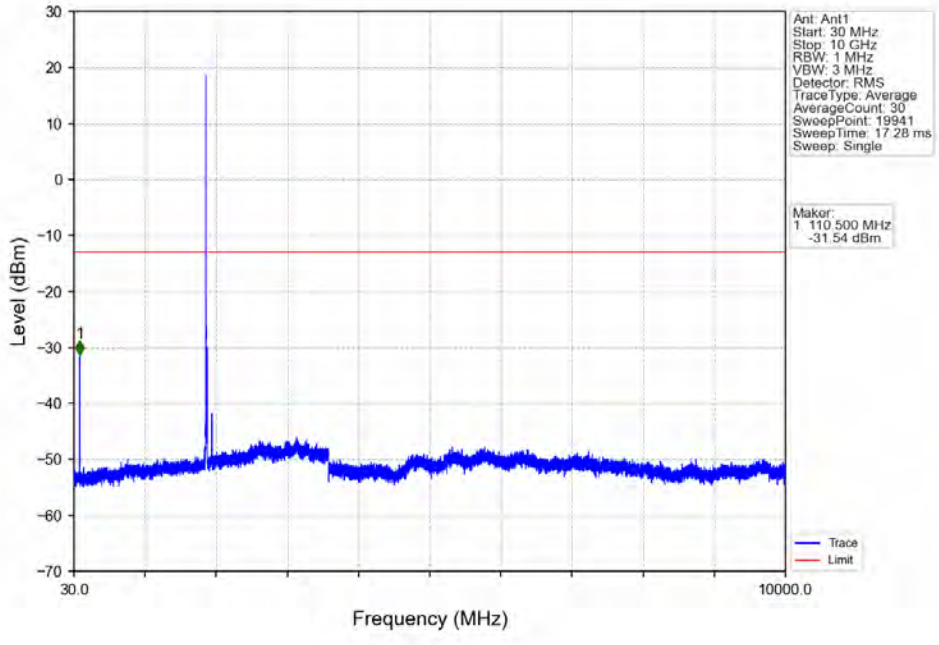


Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV

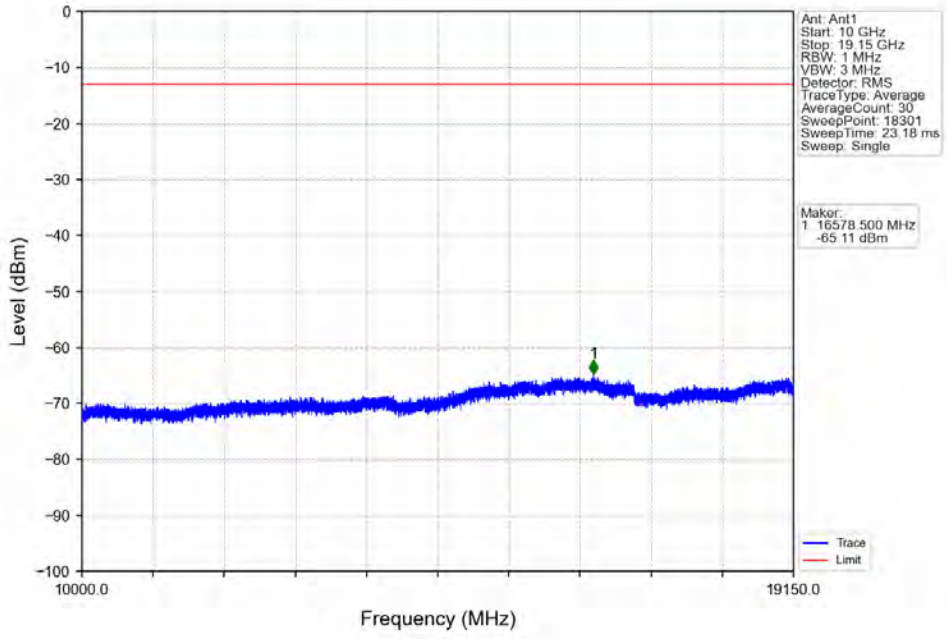


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.460	-31.75	-13	Pass
1849	1850	0.11	/	2	1849.960	-31.70	-13	Pass
1850	1860	0.11	/	/	/	/	/	/

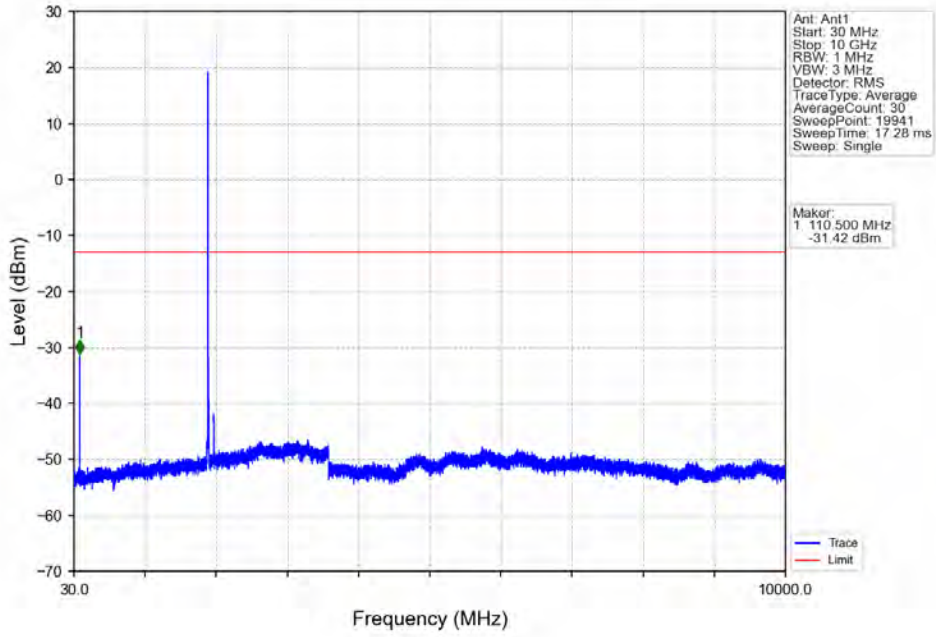
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



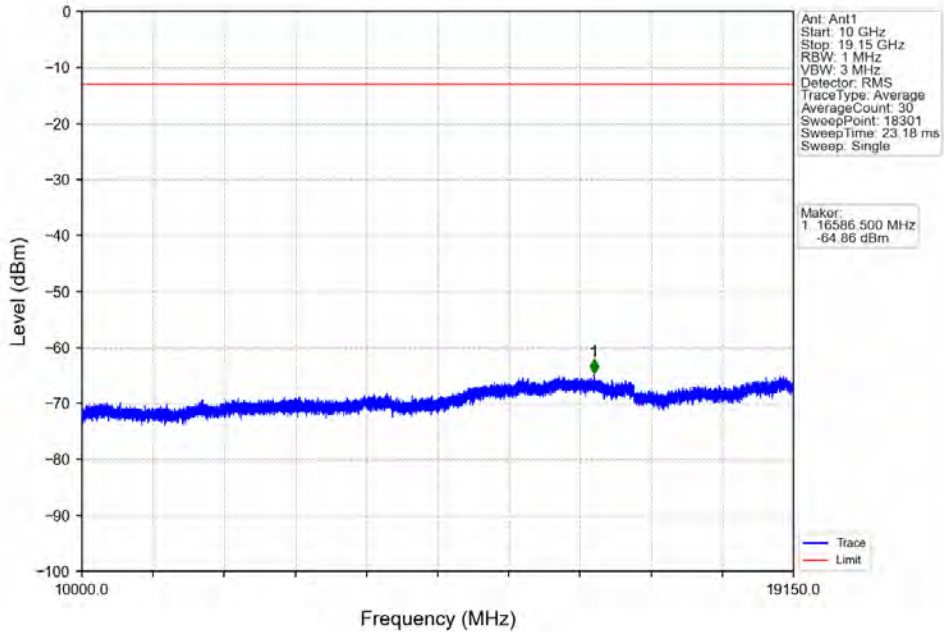
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_1\_0\_NTNV

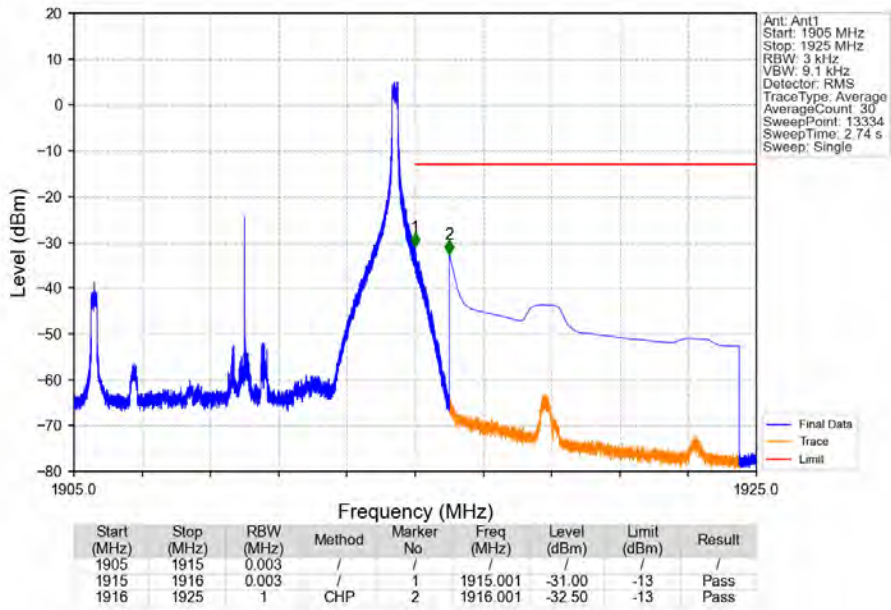


Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_1\_0\_NTNV

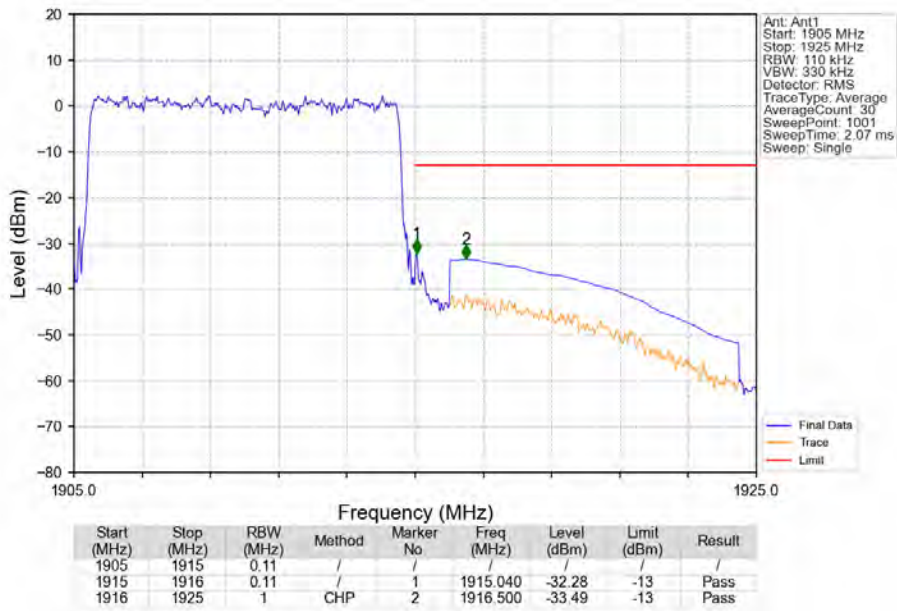




Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_1\_49\_NTNV



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

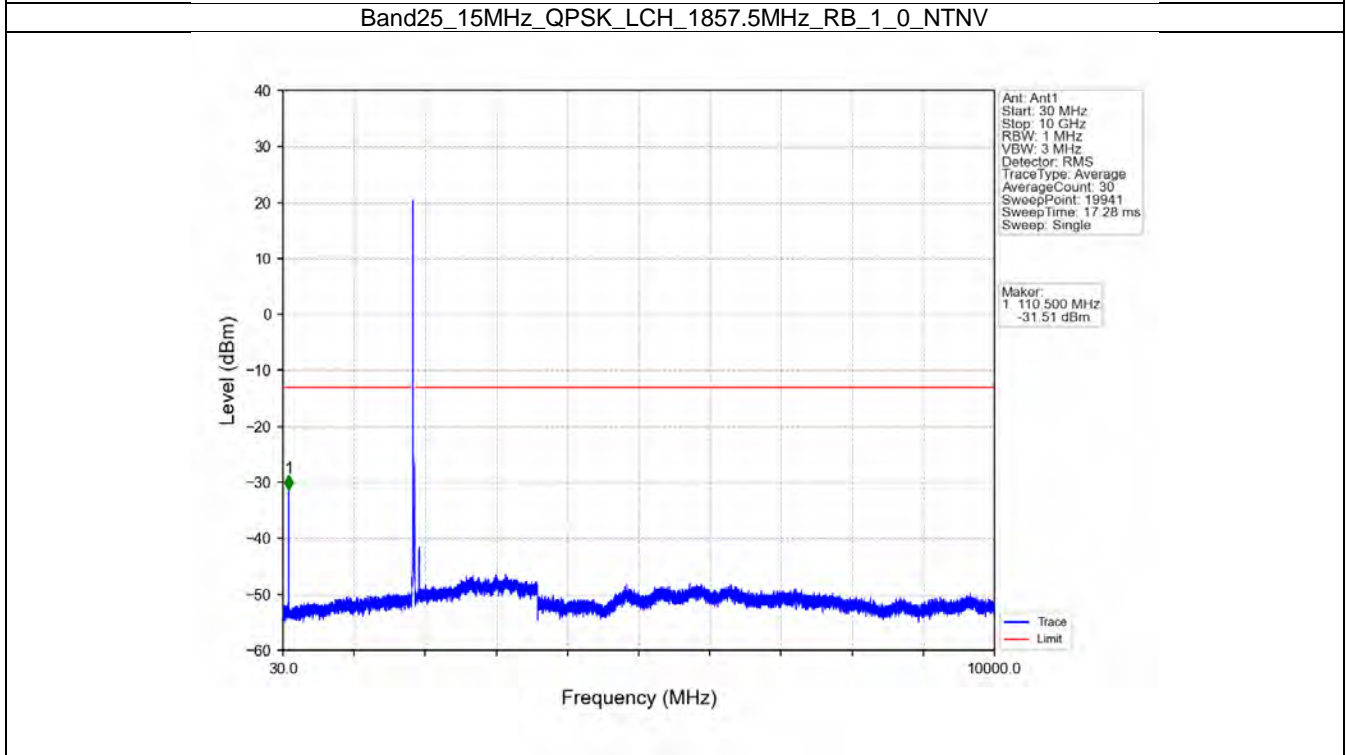
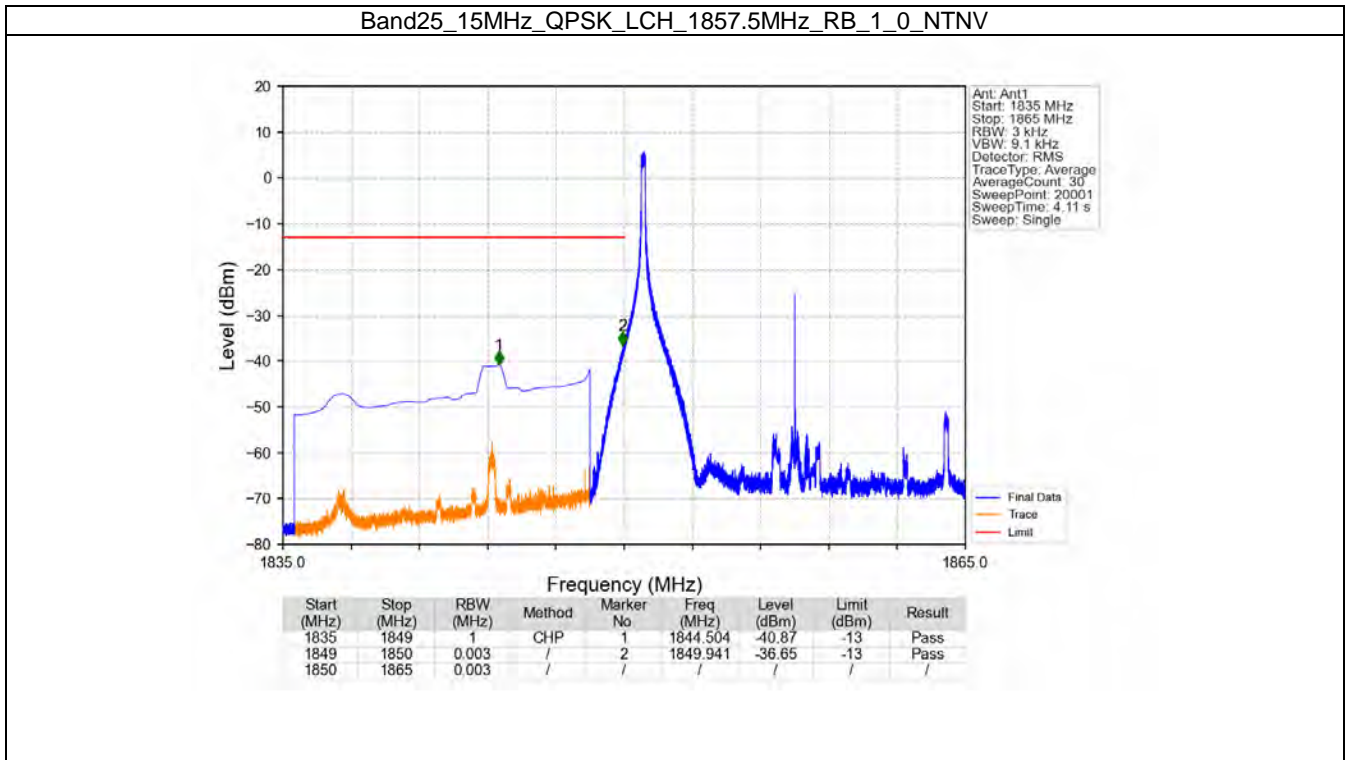


## 6.5 B25\_15MHz

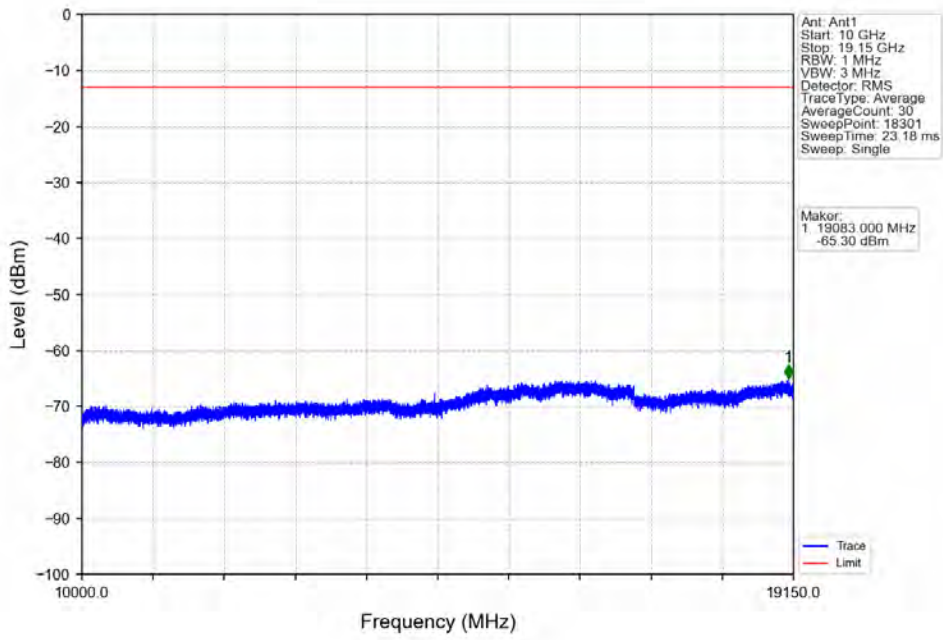
### 6.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
		1	74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
		1	74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

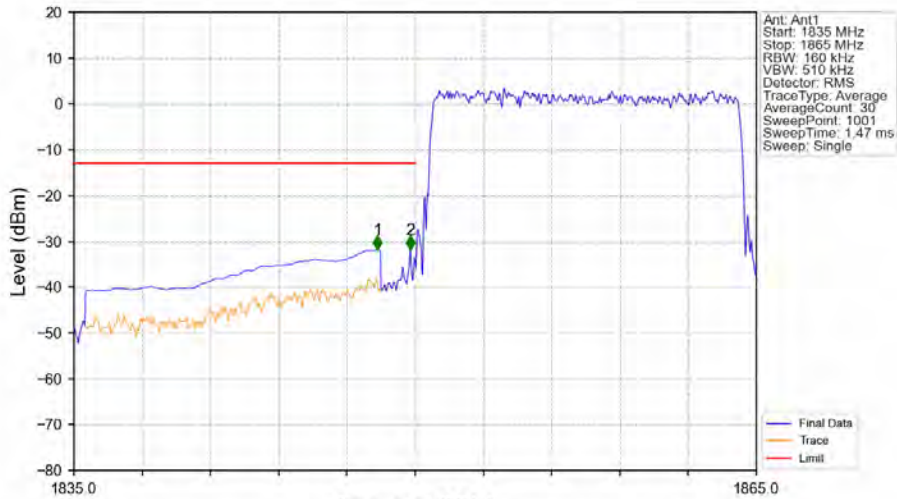
### 6.5.2 Test Graph



Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV

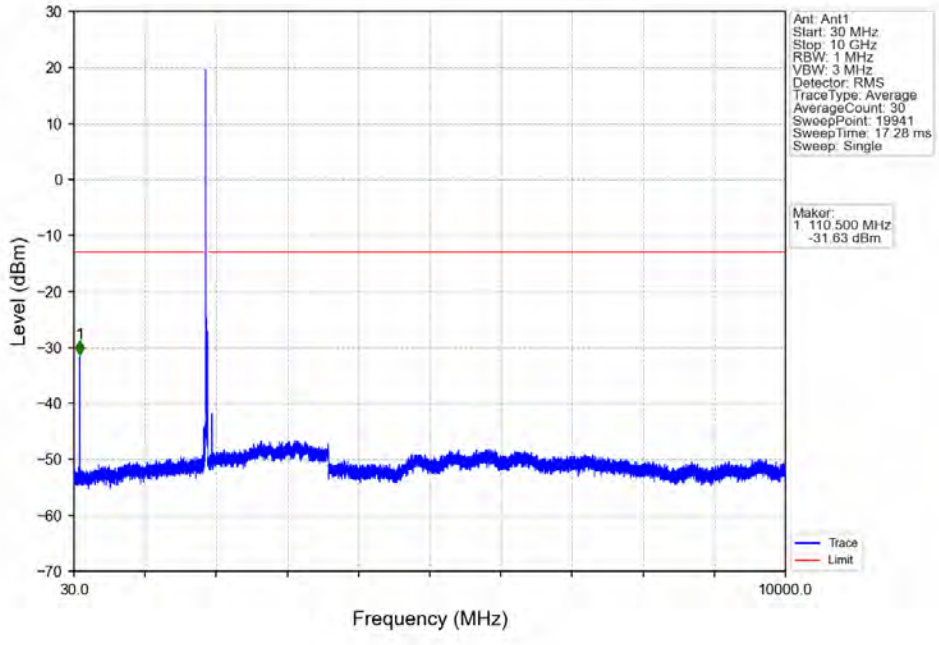


Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

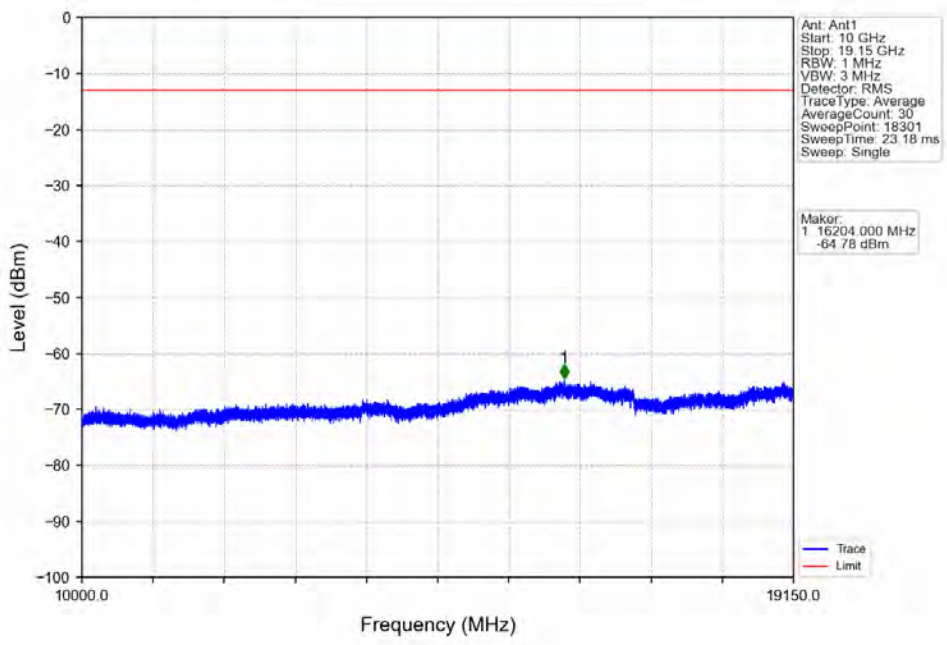


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.350	-31.90	-13	Pass
1849	1850	0.16	/	2	1849.790	-31.91	-13	Pass
1850	1865	0.16	/	/	/	/	/	/

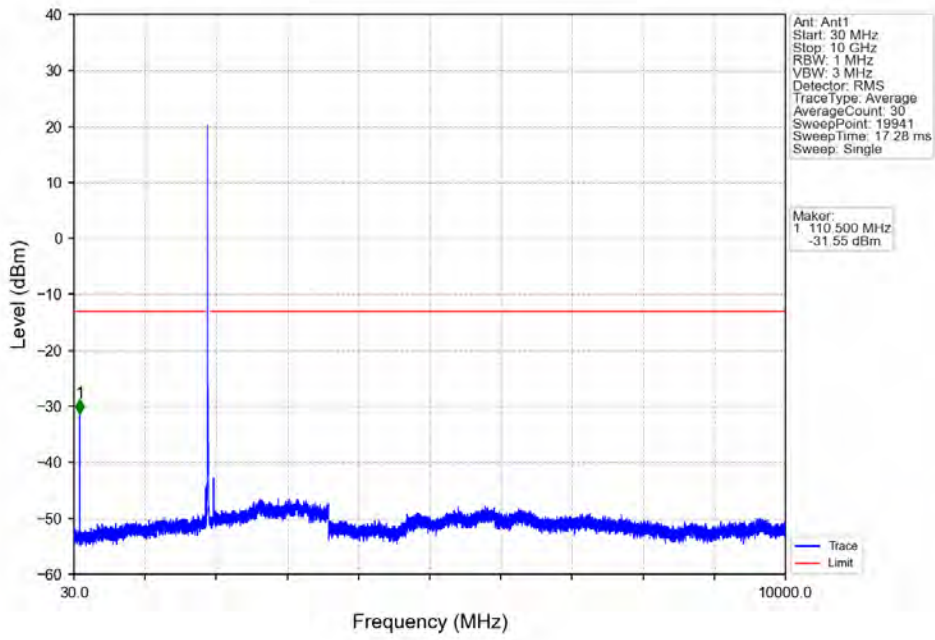
Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



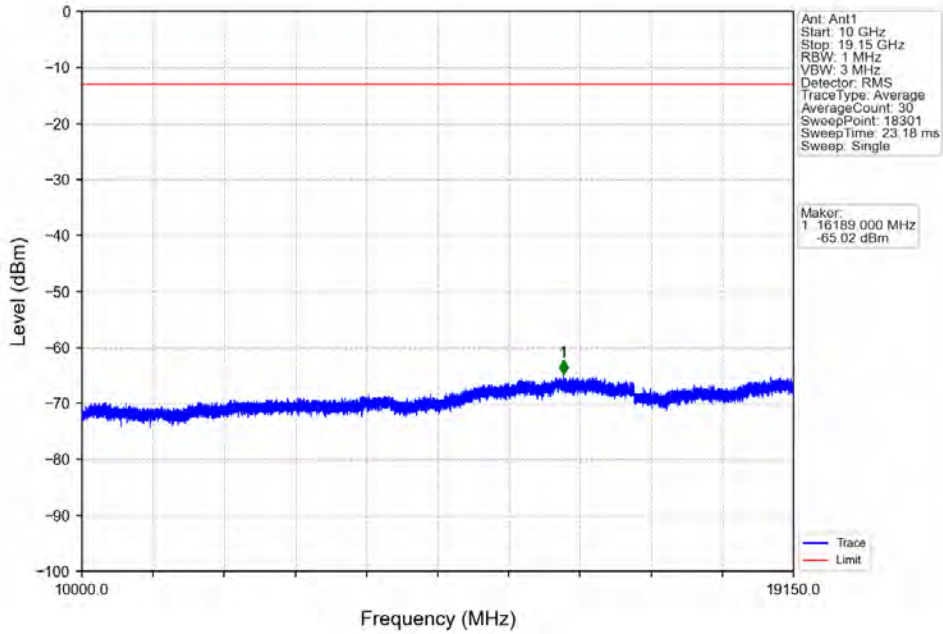
Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



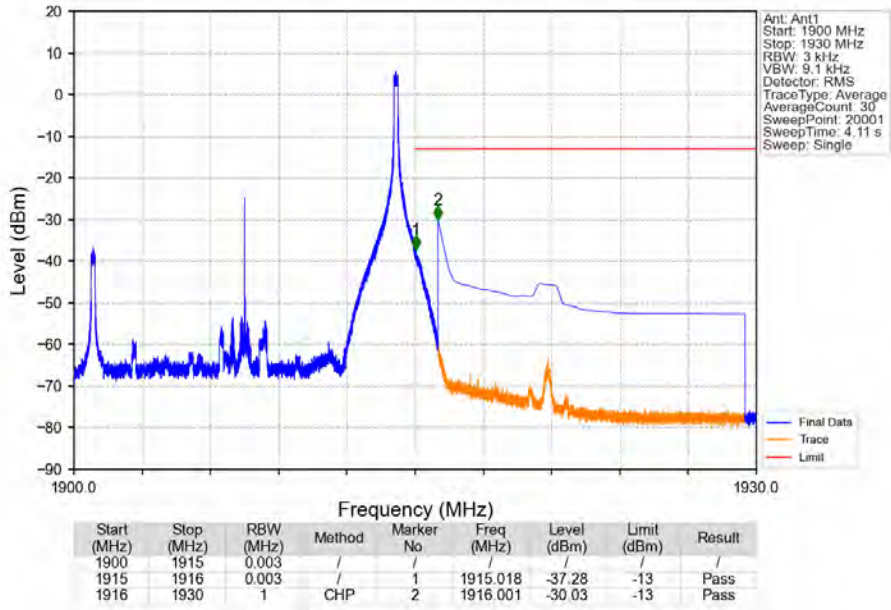
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



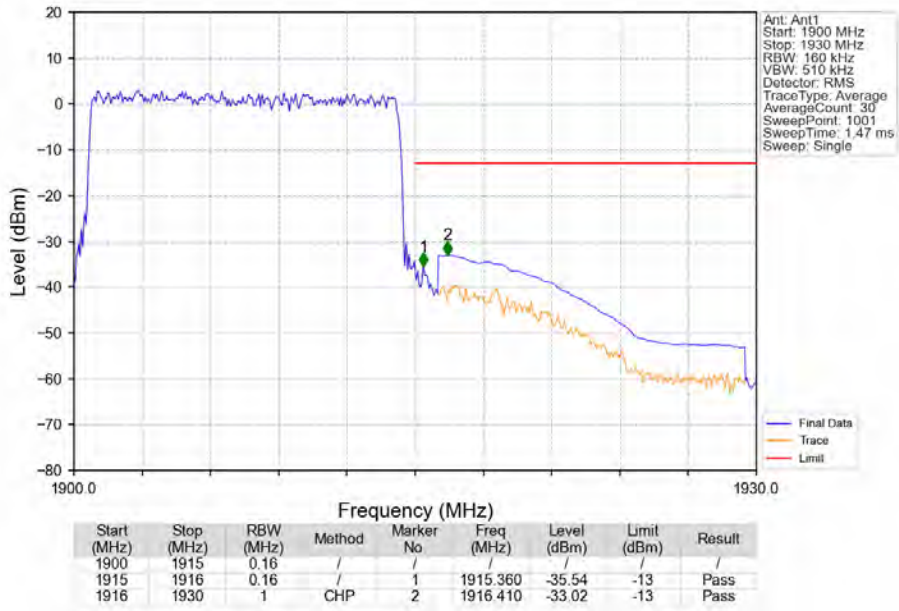
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



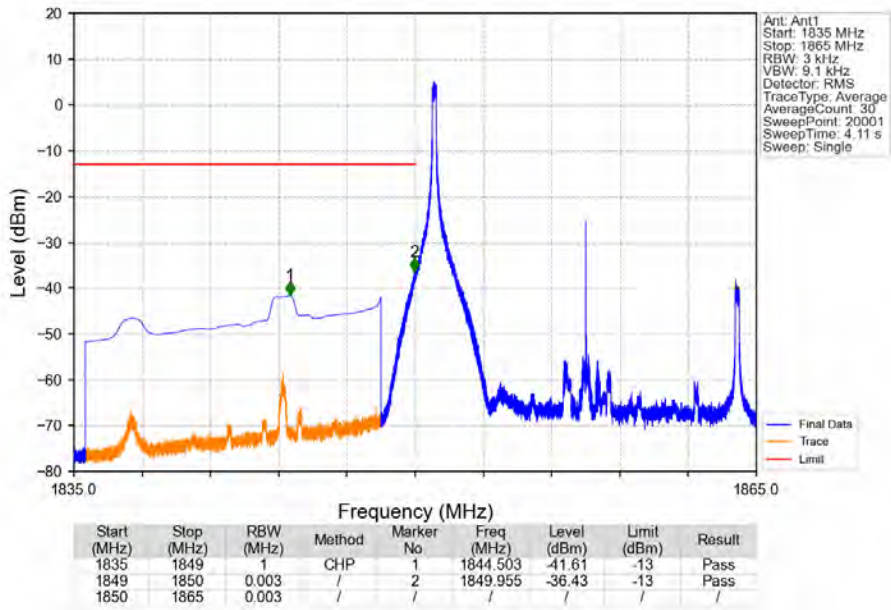
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_74\_NTNV



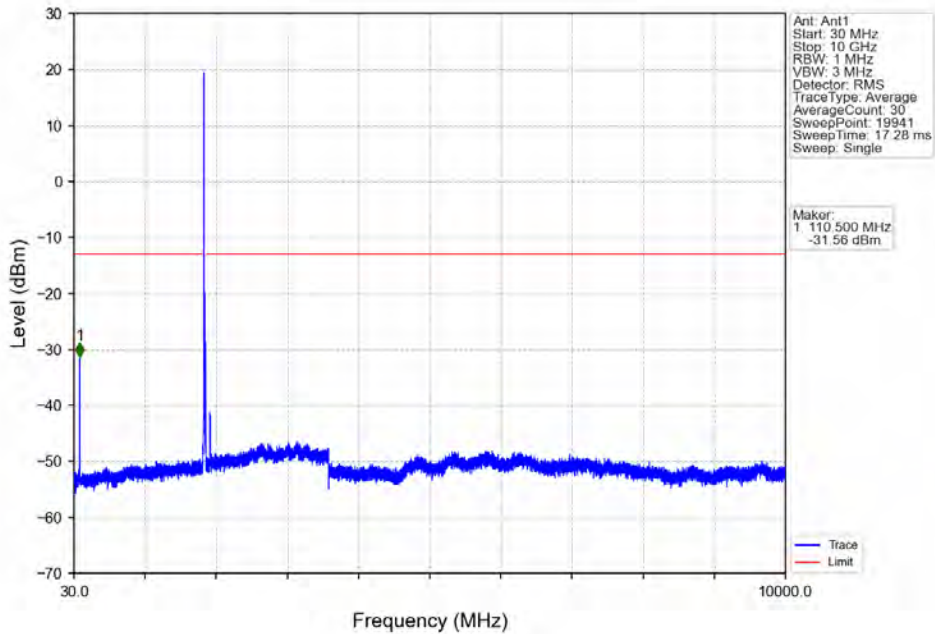
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV

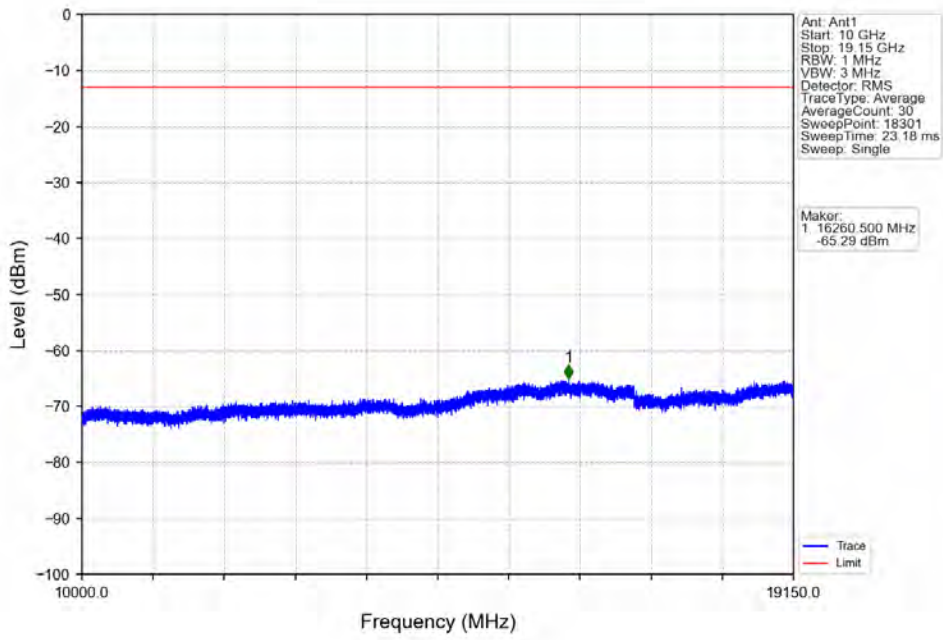


Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV

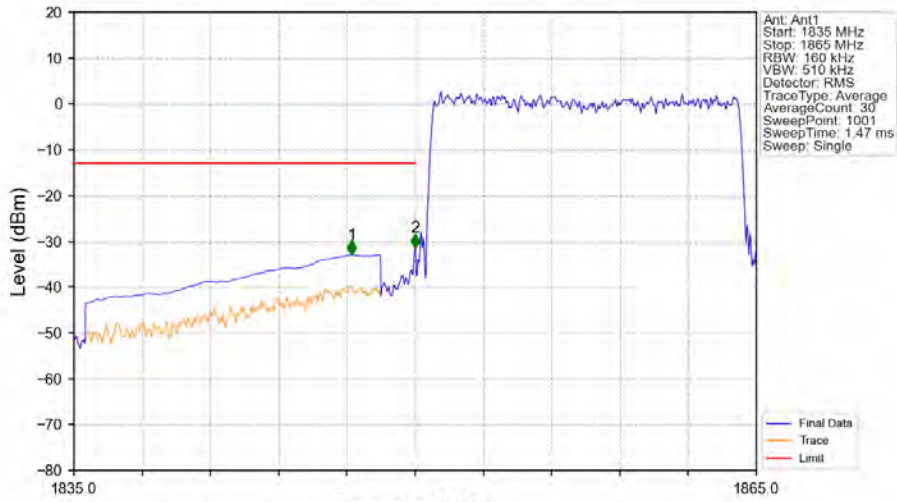




Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV

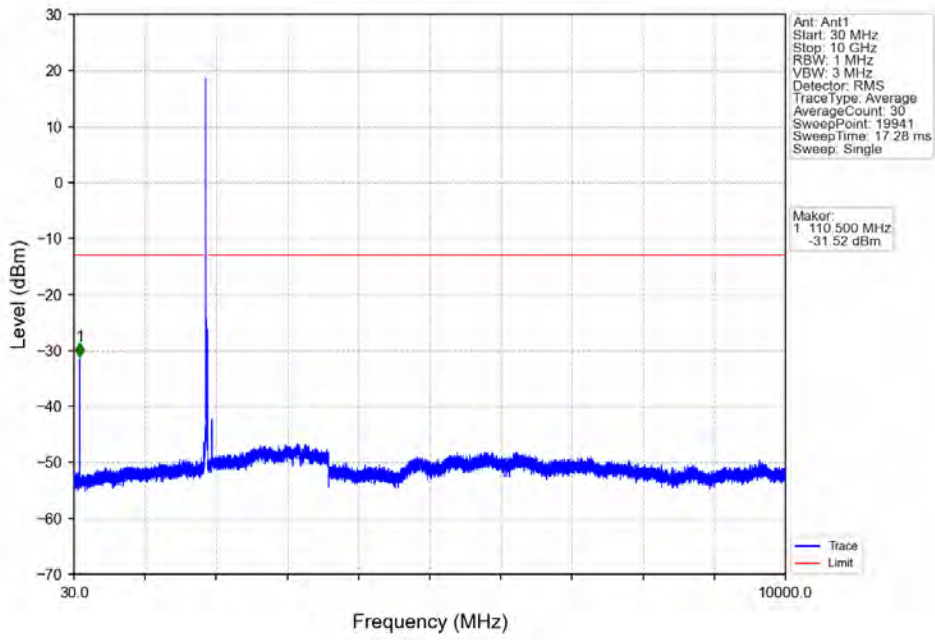


Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

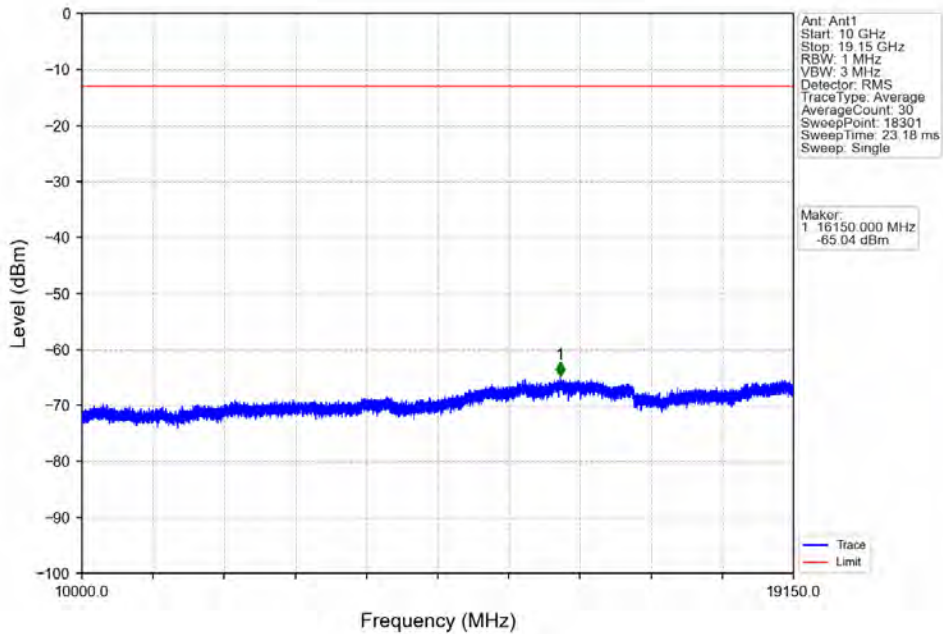


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1847.210	-32.99	-13	Pass
1849	1850	0.16	/	2	1850.000	-31.44	-13	Pass
1850	1865	0.16	/	/	/	/	/	/

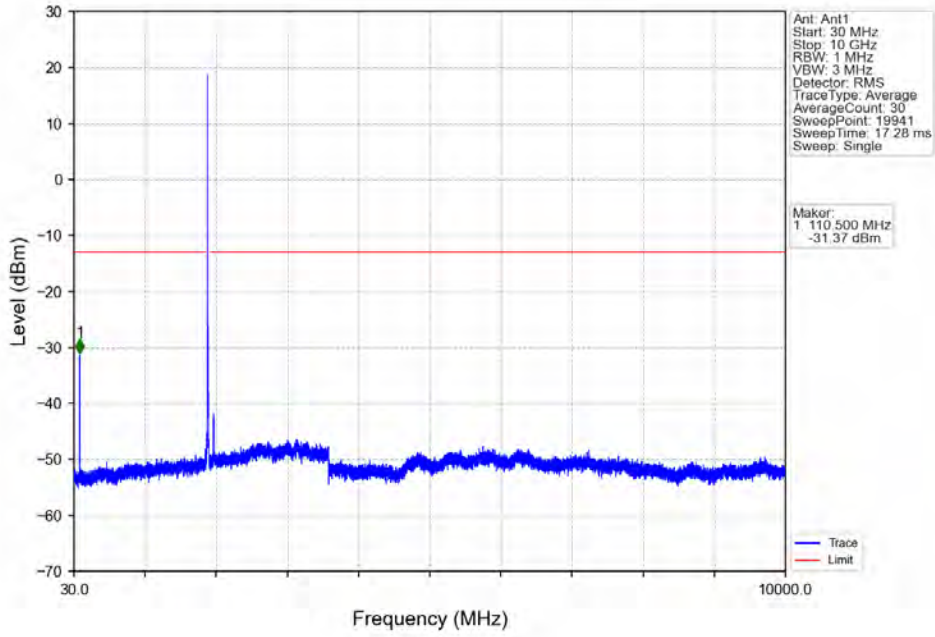
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



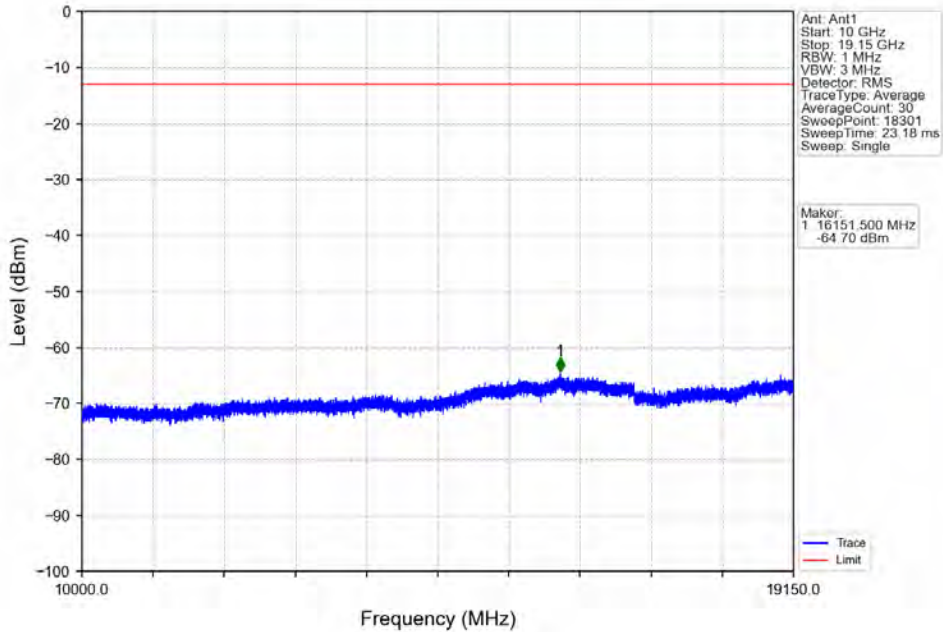
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



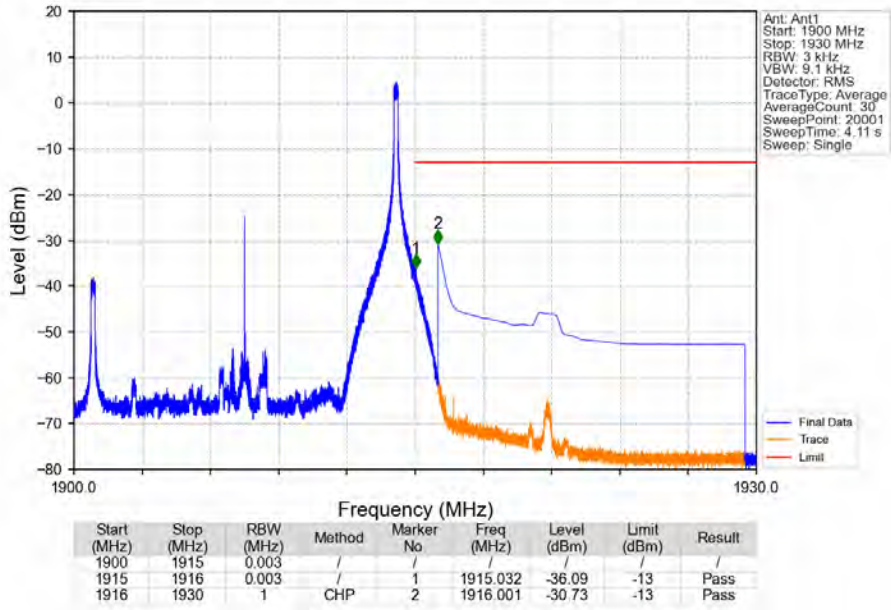
Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



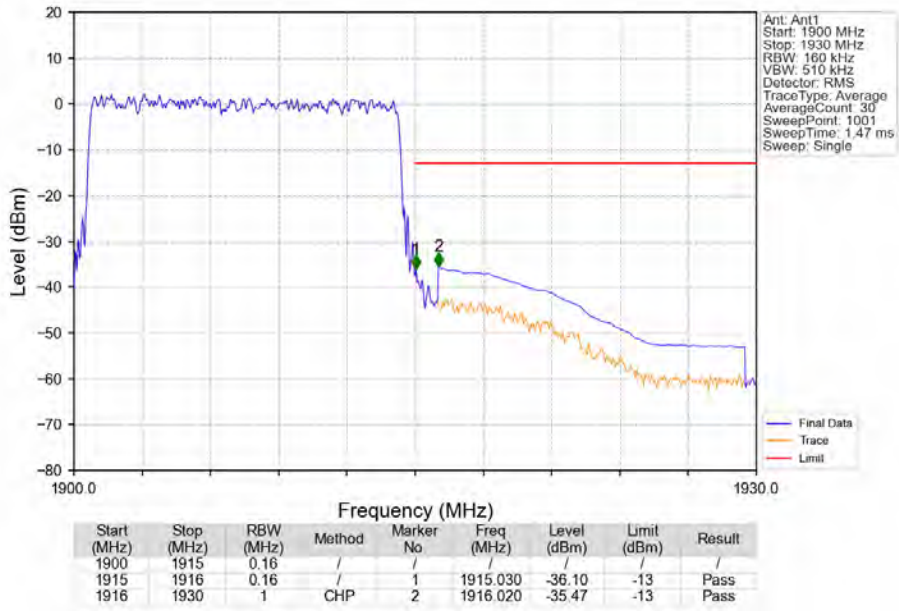
Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_74\_NTNV



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

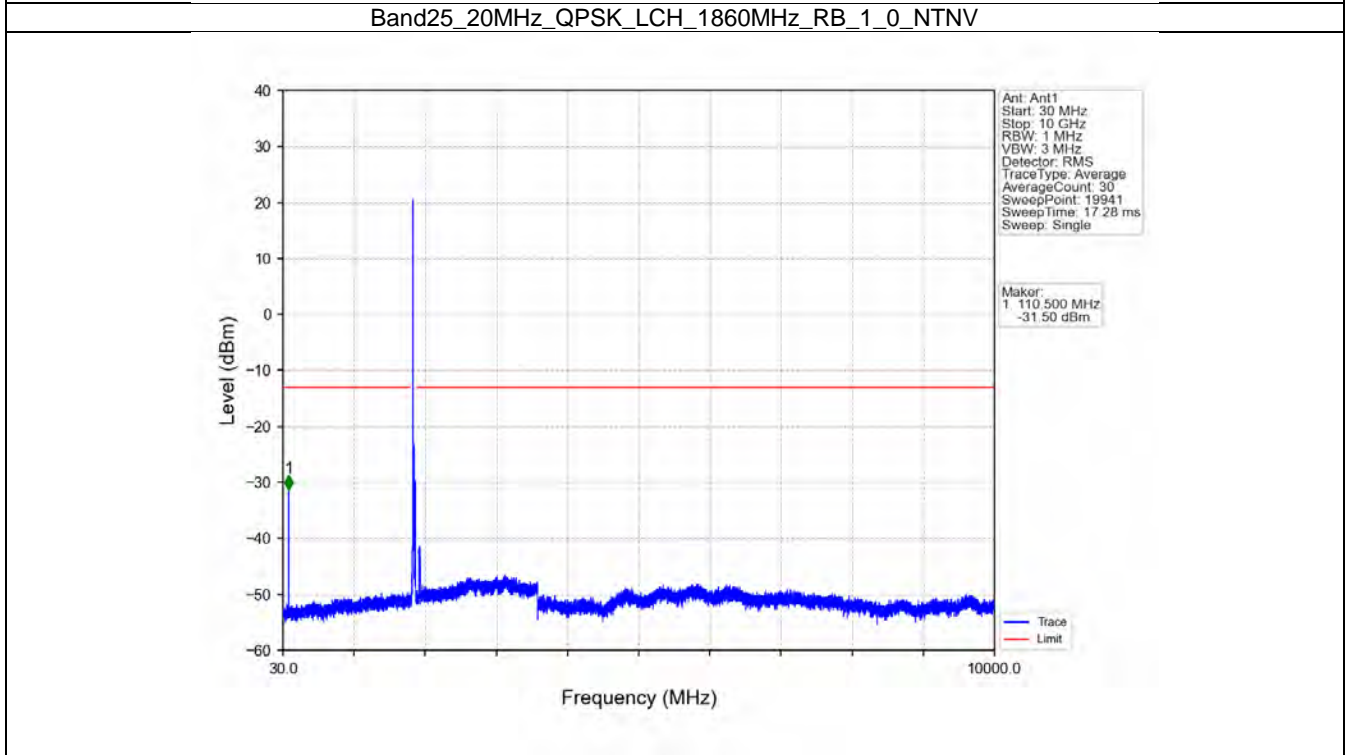
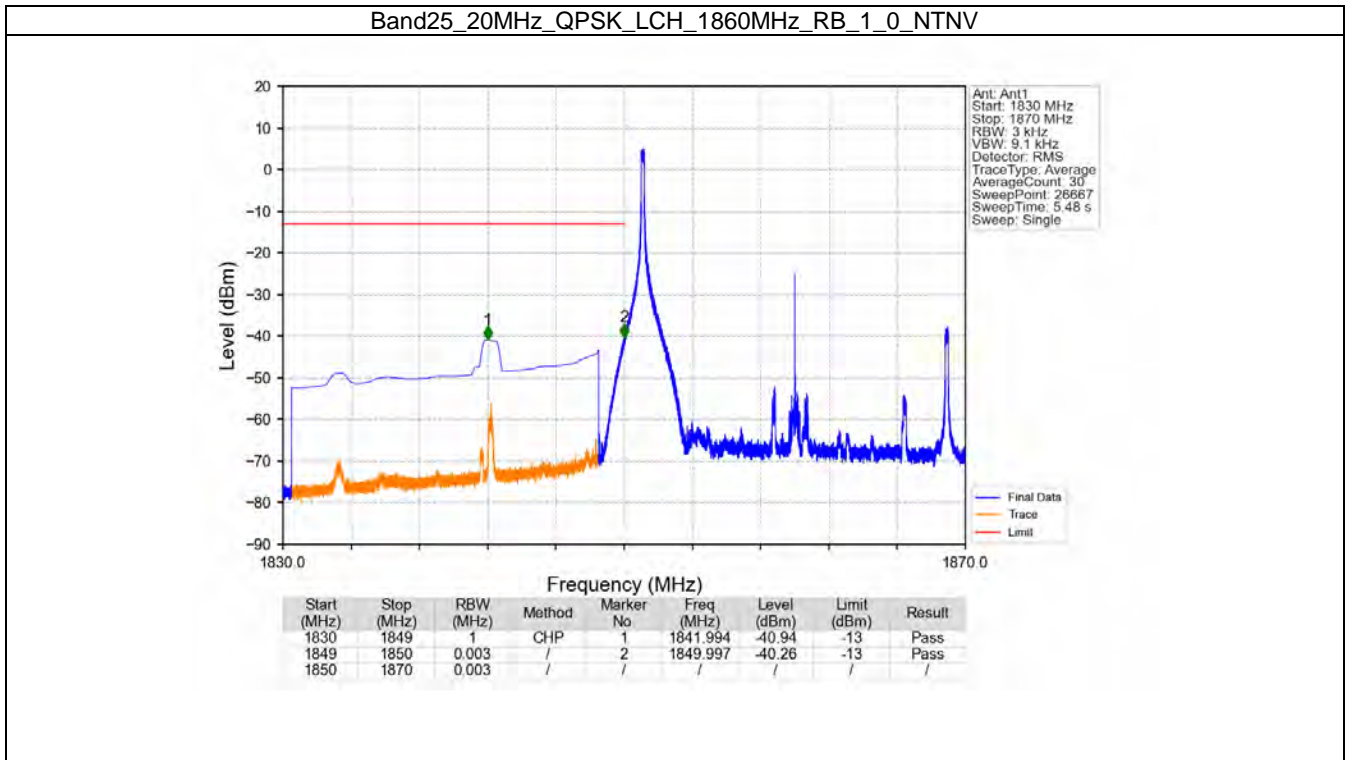


## 6.6 B25\_20MHz

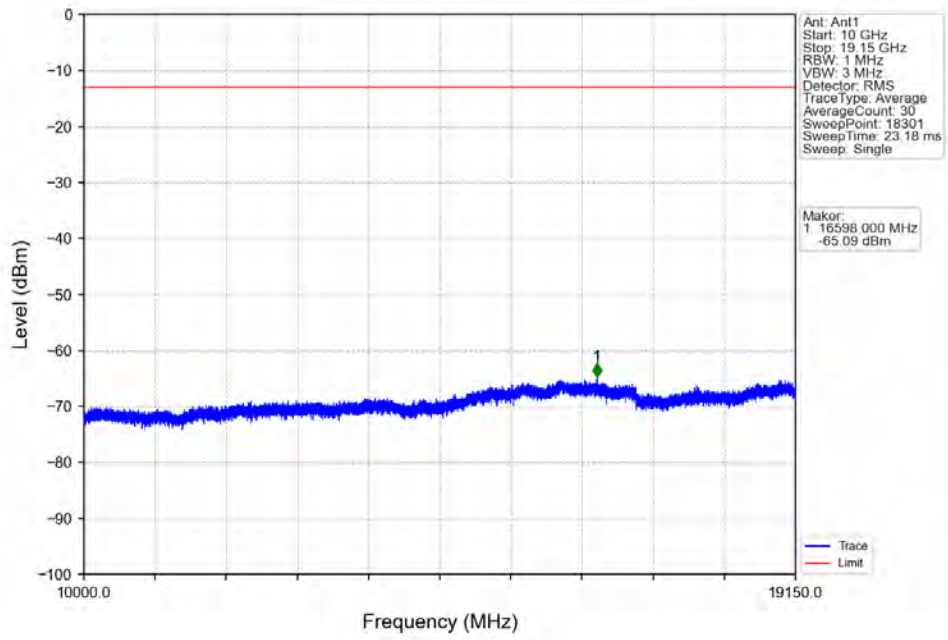
### 6.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTNV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1860	1	0	Refer To Test Graph		Pass	
		100	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1905	1	0	Refer To Test Graph		Pass
				99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass	
16QAM	1860	1	0	Refer To Test Graph		Pass	
		100	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1905	1	0	Refer To Test Graph		Pass
				99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass	

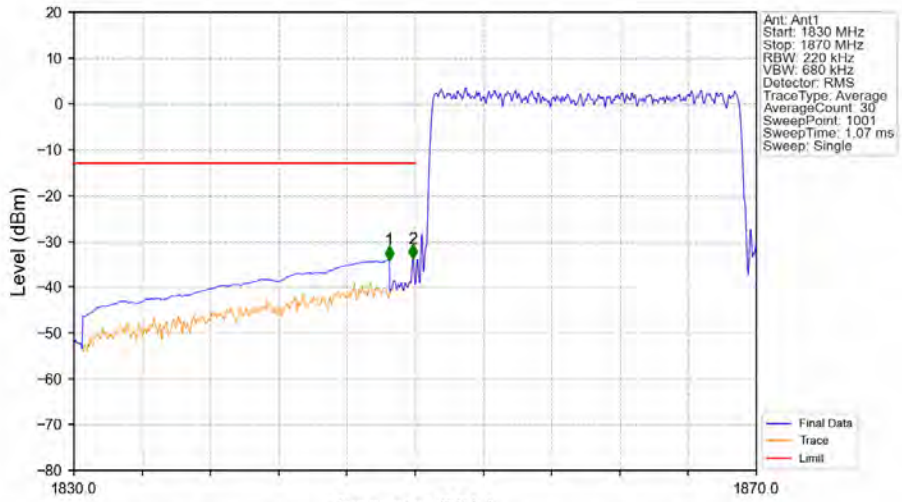
### 6.6.2 Test Graph



Band25\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_1\_0\_NTNV

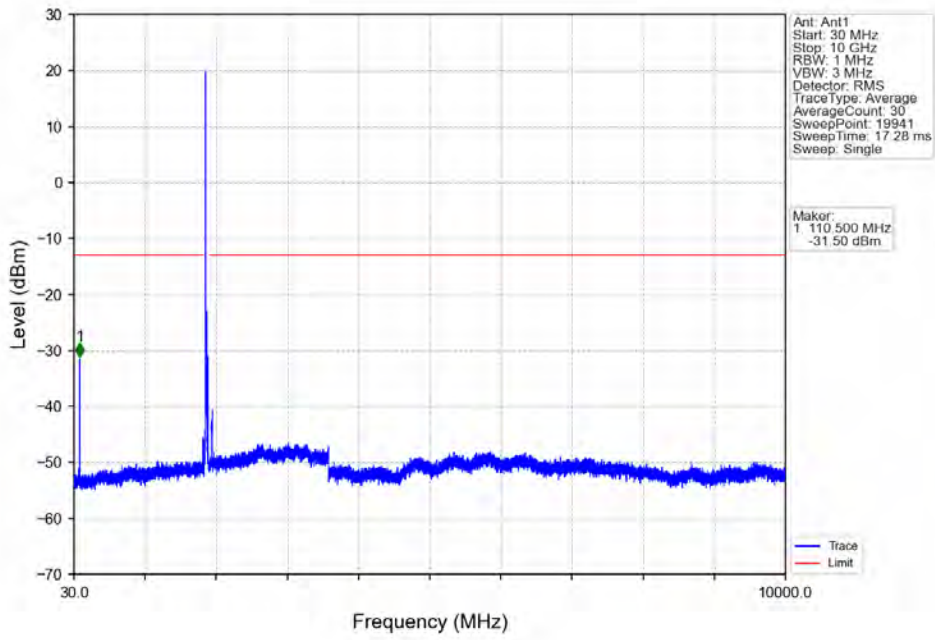


Band25\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV

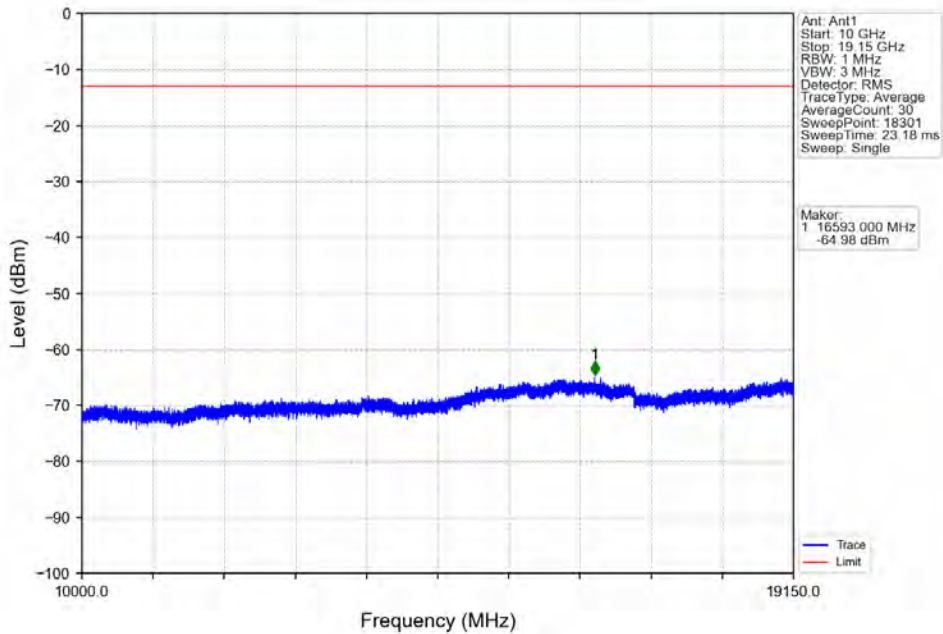


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-34.06	-13	Pass
1849	1850	0.22	/	2	1849.880	-33.74	-13	Pass
1850	1870	0.22	/	/	/	/	/	/

Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV

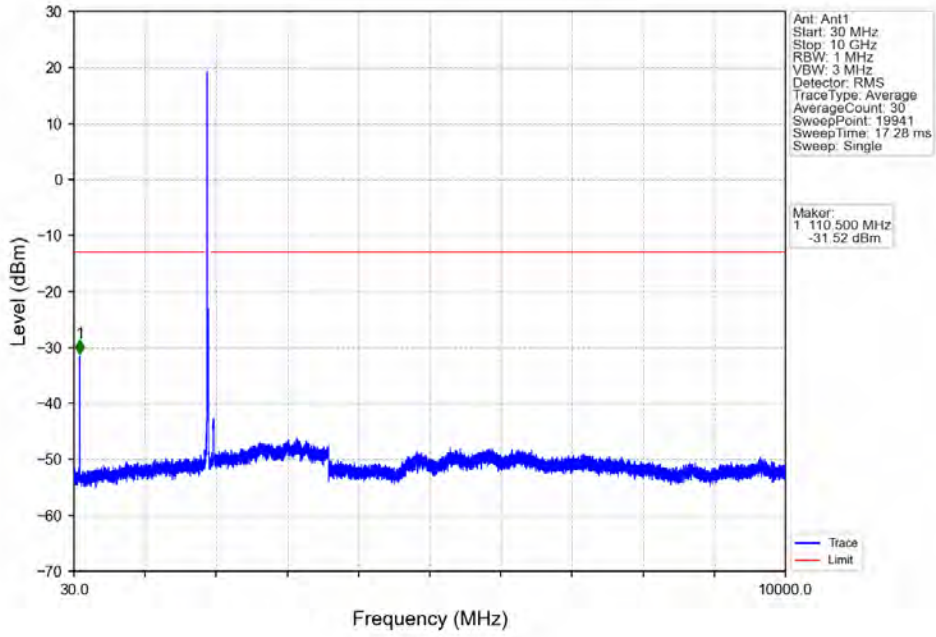


Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV

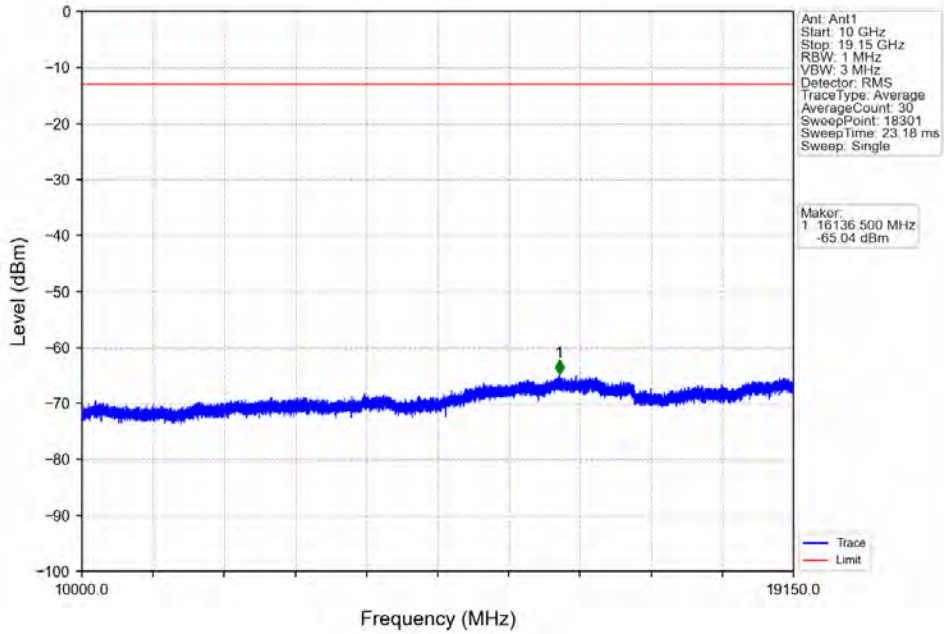




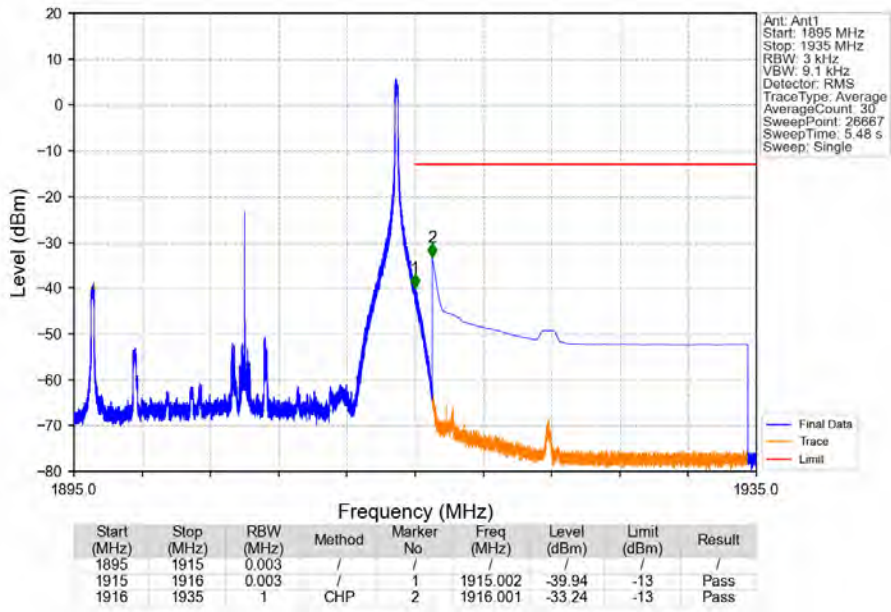
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_0\_NTNV



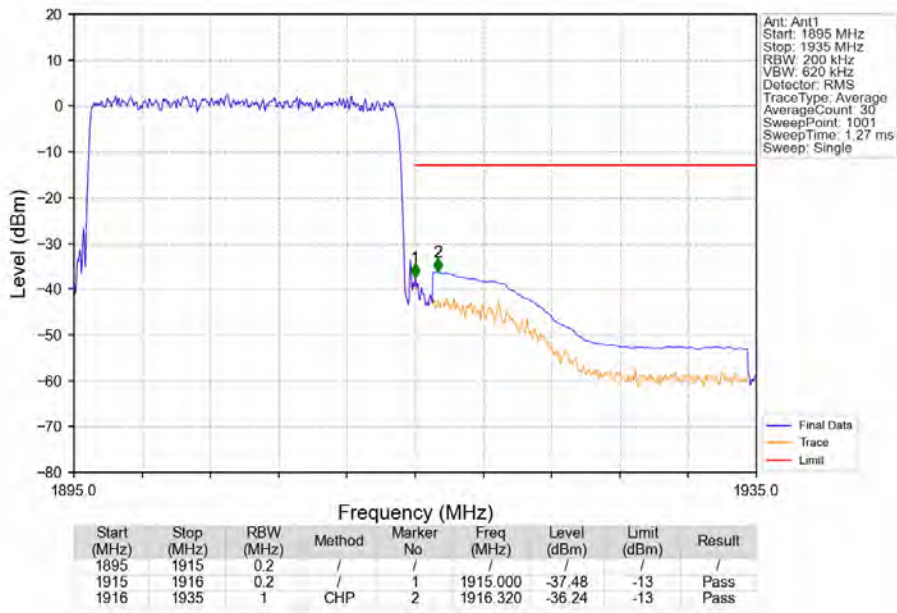
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_0\_NTNV



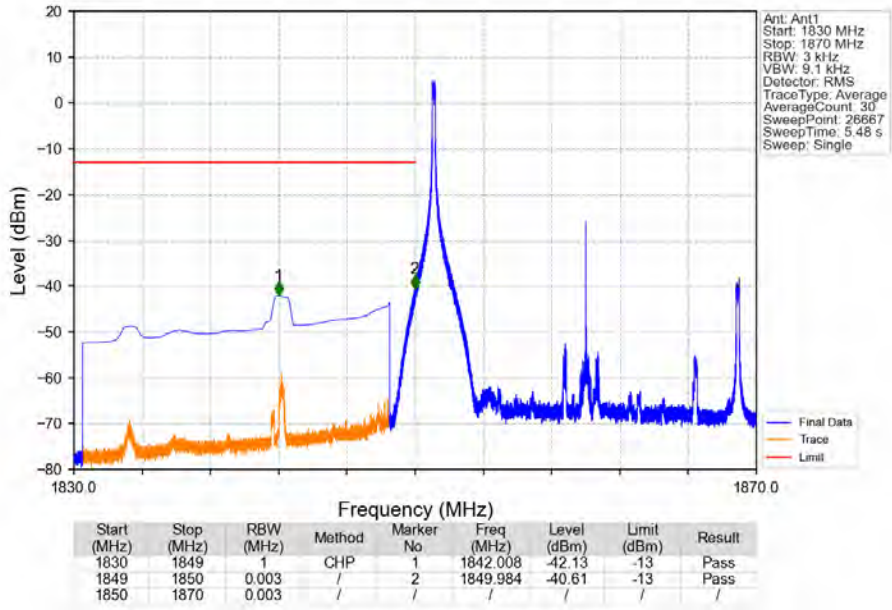
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_99\_NTNV



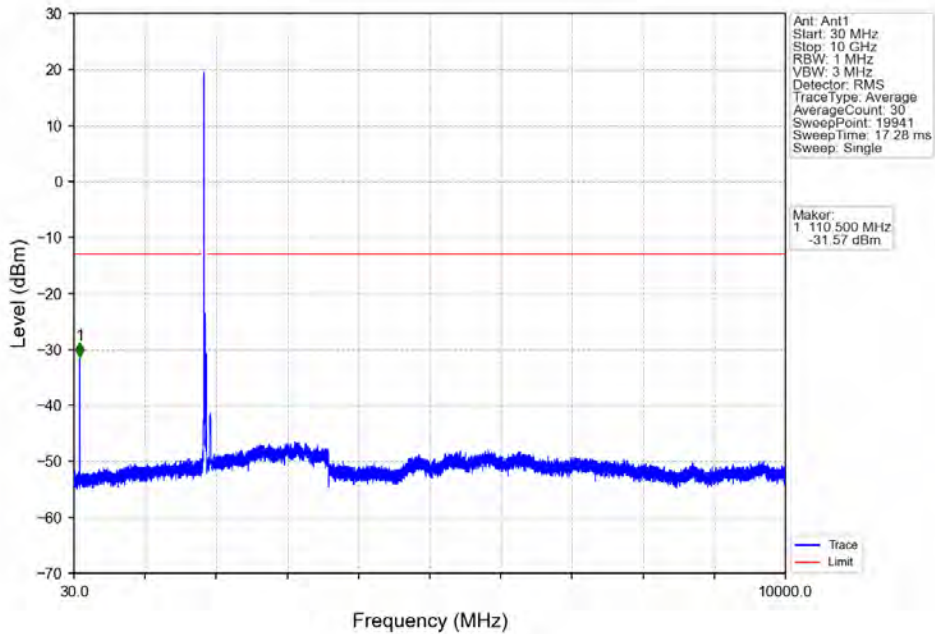
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV



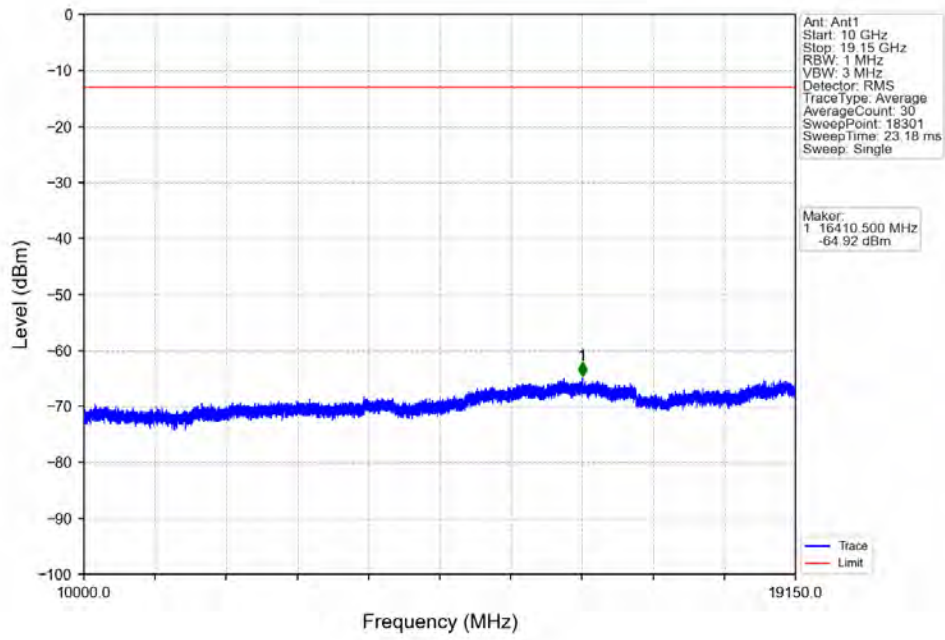
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



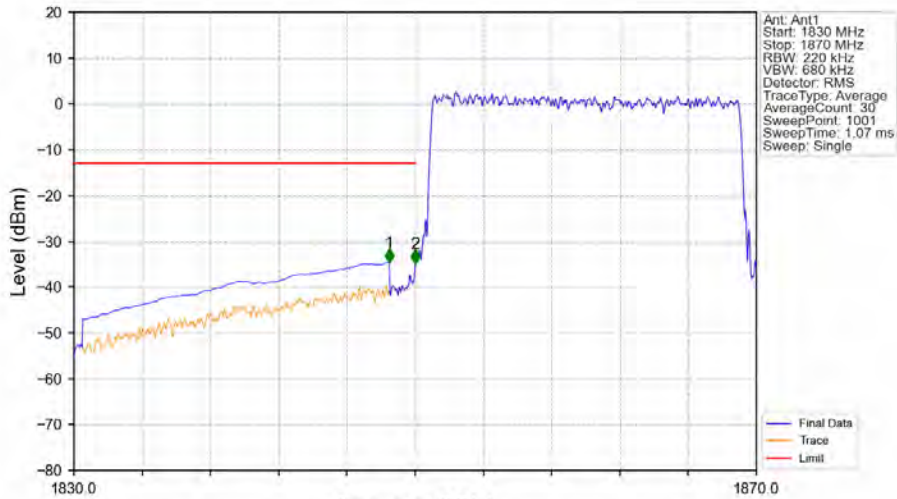
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV

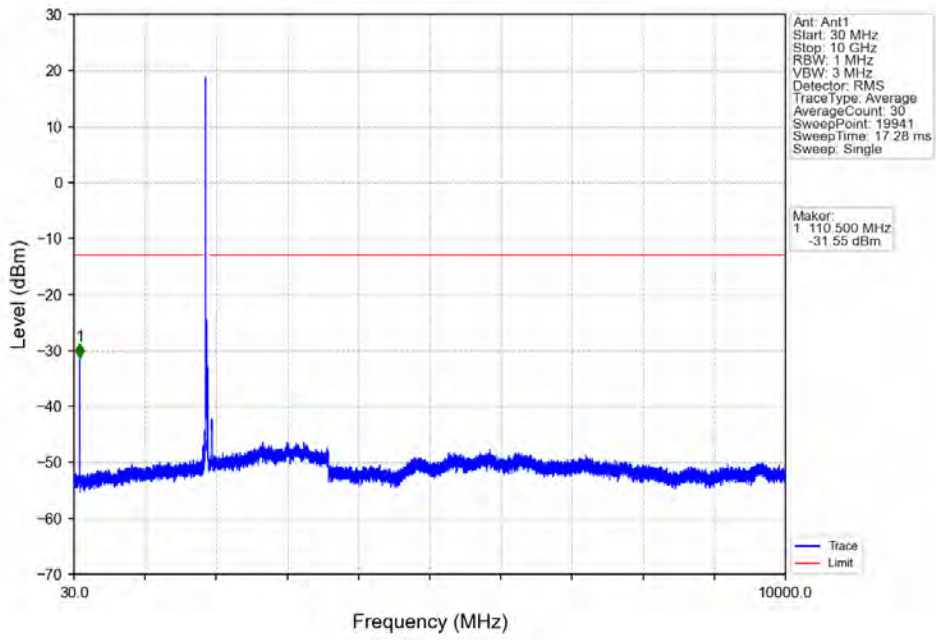


Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV

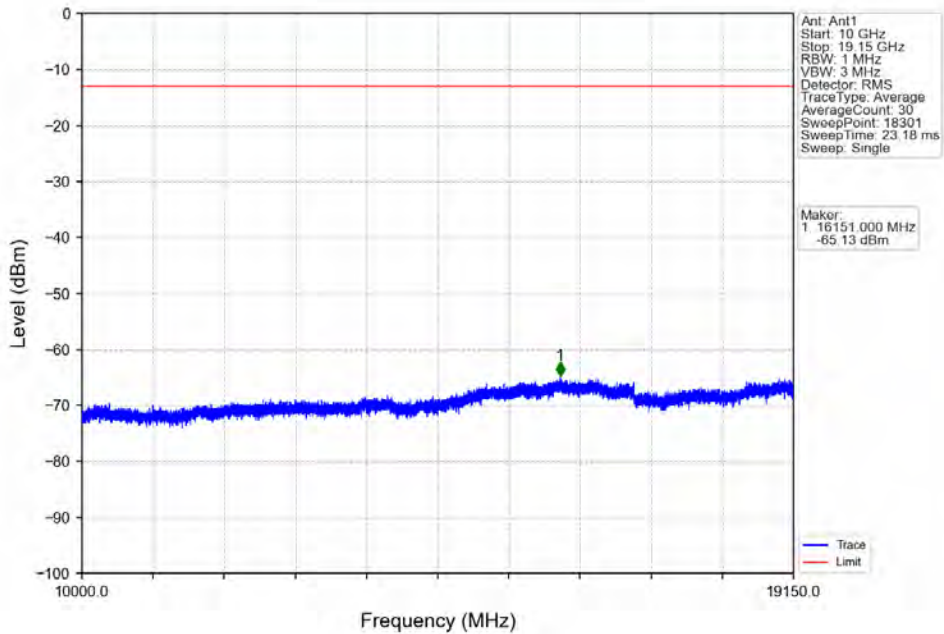


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-34.62	-13	Pass
1849	1850	0.22	/	2	1850.000	-34.90	-13	Pass
1850	1870	0.22	/	/	/	/	/	/

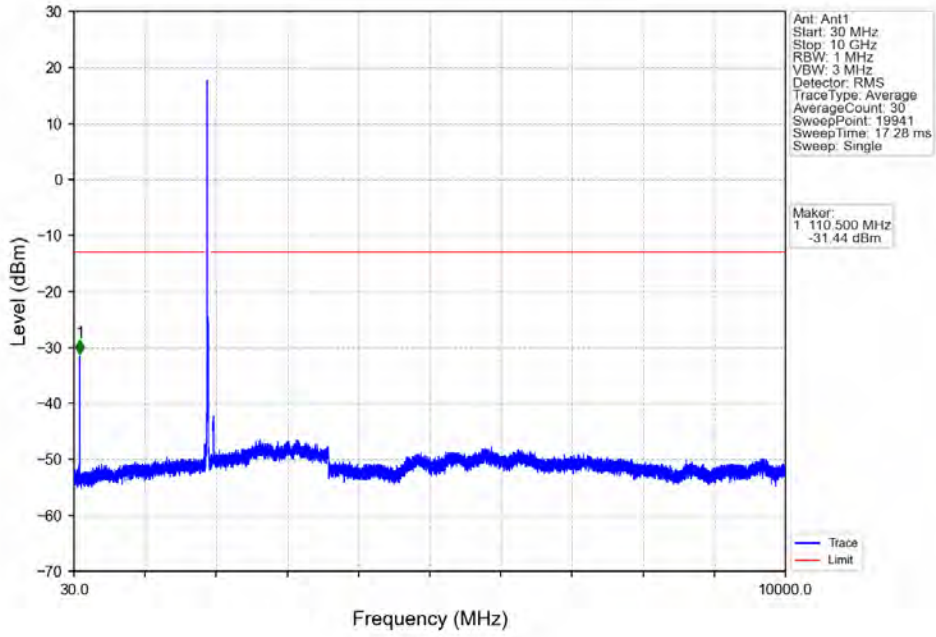
Band25\_20MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



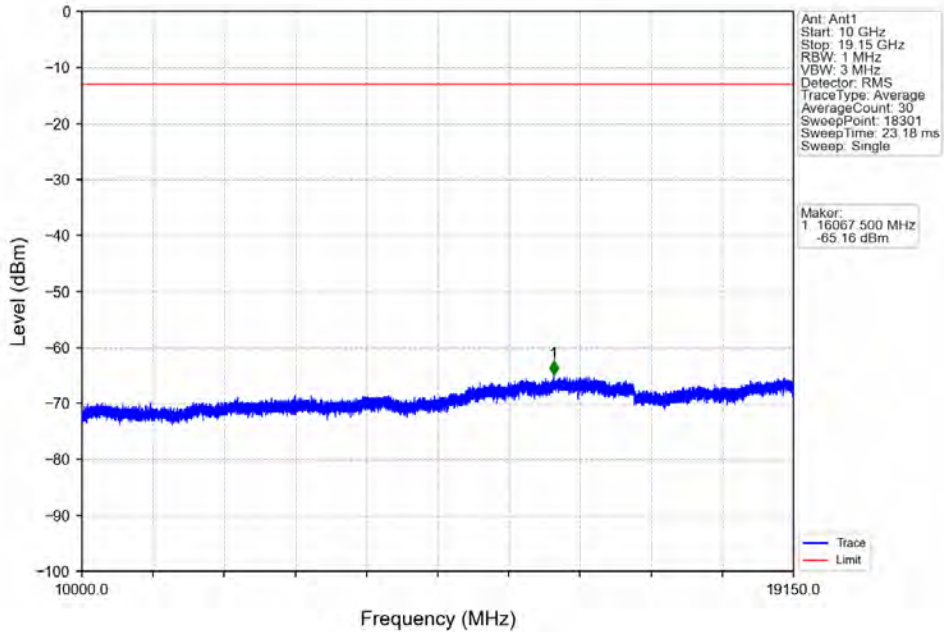
Band25\_20MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



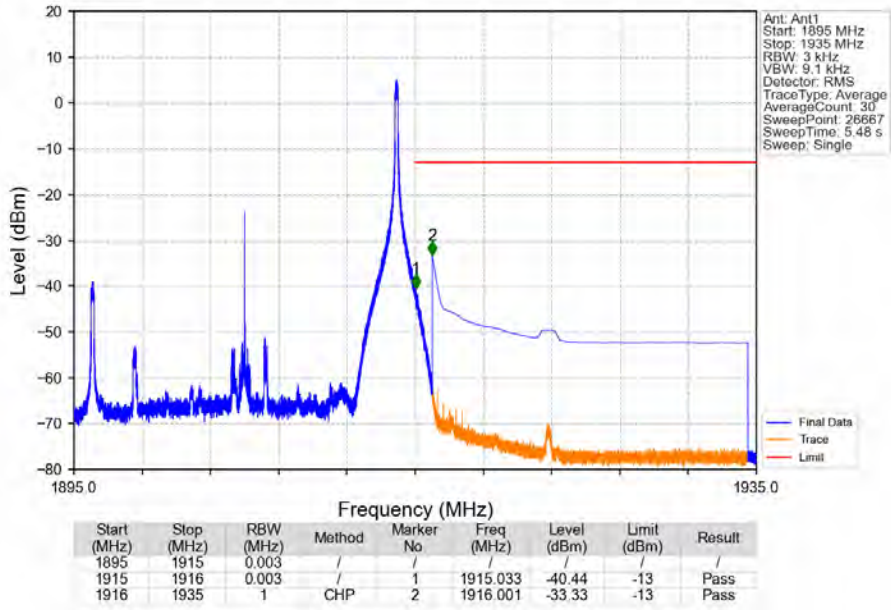
Band25\_20MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_0\_NTNV



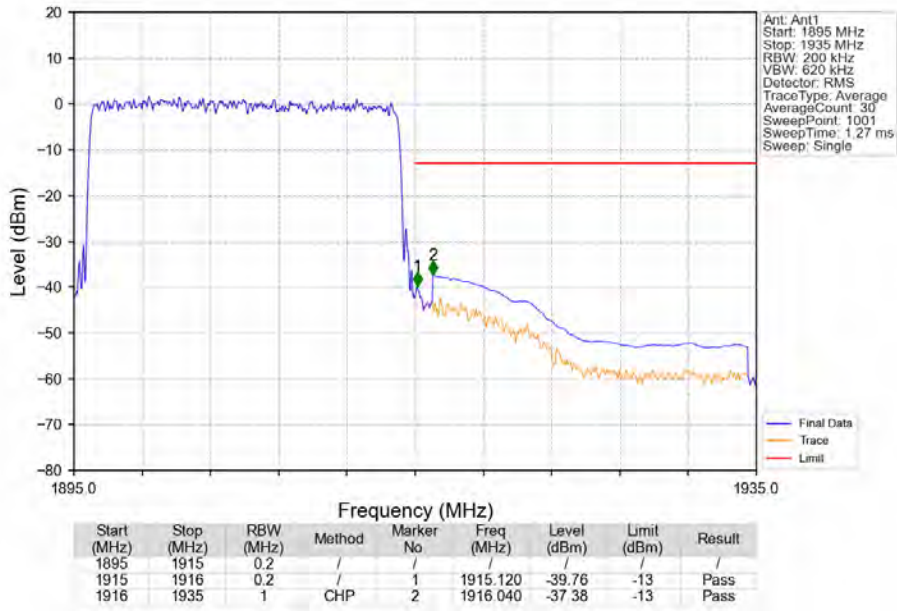
Band25\_20MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_0\_NTNV



Band25\_20MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_99\_NTNV



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



## 7. Form731

### 7.1 Form731\_Power

#### 7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
25	1.4	1850.7	1914.3	0.1698	0.0103	ppm	1M13G7D	24E	22.30
25	1.4	1850.7	1914.3	0.1371	0.0094	ppm	1M11W7D	24E	21.37
25	3	1851.5	1913.5	0.1730	0.0087	ppm	2M73G7D	24E	22.38
25	3	1851.5	1913.5	0.1390	0.0102	ppm	2M73W7D	24E	21.43
25	5	1852.5	1912.5	0.1514	0.0120	ppm	4M57G7D	24E	21.80
25	5	1852.5	1912.5	0.1233	0.0090	ppm	4M57W7D	24E	20.91
25	10	1855	1910	0.1503	0.0111	ppm	9M10G7D	24E	21.77
25	10	1855	1910	0.1303	0.0074	ppm	9M10W7D	24E	21.15
25	15	1857.5	1907.5	0.1472	0.0104	ppm	13M6G7D	24E	21.68
25	15	1857.5	1907.5	0.1279	0.0081	ppm	13M6W7D	24E	21.07
25	20	1860	1905	0.1442	0.0071	ppm	18M2G7D	24E	21.59
25	20	1860	1905	0.1306	0.0083	ppm	18M2W7D	24E	21.16

## 7.2 Form731\_EIRP

### 7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
25	1.4	1850.7	1914.3	0.1770	0.0103	ppm	1M13G7D	24E	22.48
25	1.4	1850.7	1914.3	0.1429	0.0094	ppm	1M11W7D	24E	21.55
25	3	1851.5	1913.5	0.1803	0.0087	ppm	2M73G7D	24E	22.56
25	3	1851.5	1913.5	0.1449	0.0102	ppm	2M73W7D	24E	21.61
25	5	1852.5	1912.5	0.1578	0.0120	ppm	4M57G7D	24E	21.98
25	5	1852.5	1912.5	0.1285	0.0090	ppm	4M57W7D	24E	21.09
25	10	1855	1910	0.1567	0.0111	ppm	9M10G7D	24E	21.95
25	10	1855	1910	0.1358	0.0074	ppm	9M10W7D	24E	21.33
25	15	1857.5	1907.5	0.1535	0.0104	ppm	13M6G7D	24E	21.86
25	15	1857.5	1907.5	0.1334	0.0081	ppm	13M6W7D	24E	21.25
25	20	1860	1905	0.1503	0.0071	ppm	18M2G7D	24E	21.77
25	20	1860	1905	0.1361	0.0083	ppm	18M2W7D	24E	21.34