

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B25\_1.4MHz\_EIRP

### 1.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1850.7	1	0	22.12	0.49	22.61	<=33.01	Pass		
			2	22.19	0.49	22.68	<=33.01	Pass		
			5	22.21	0.49	22.70	<=33.01	Pass		
		3	0	22.22	0.49	22.71	<=33.01	Pass		
			2	22.28	0.49	22.77	<=33.01	Pass		
			3	22.21	0.49	22.70	<=33.01	Pass		
		6	0	21.13	0.49	21.62	<=33.01	Pass		
		1882.5	1	0	21.95	0.49	22.44	<=33.01	Pass	
				2	21.97	0.49	22.46	<=33.01	Pass	
	5			21.96	0.49	22.45	<=33.01	Pass		
	3		0	22.00	0.49	22.49	<=33.01	Pass		
			2	22.07	0.49	22.56	<=33.01	Pass		
			3	22.00	0.49	22.49	<=33.01	Pass		
	6		0	20.98	0.49	21.47	<=33.01	Pass		
	1914.3		1	0	22.00	0.49	22.49	<=33.01	Pass	
				2	22.08	0.49	22.57	<=33.01	Pass	
		5		22.11	0.49	22.60	<=33.01	Pass		
		3	0	22.21	0.49	22.70	<=33.01	Pass		
			2	22.12	0.49	22.61	<=33.01	Pass		
			3	22.21	0.49	22.70	<=33.01	Pass		
		6	0	21.03	0.49	21.52	<=33.01	Pass		
		16QAM	1850.7	1	0	20.64	0.49	21.13	<=33.01	Pass
					2	20.71	0.49	21.20	<=33.01	Pass
	5				20.66	0.49	21.15	<=33.01	Pass	
3	0			20.99	0.49	21.48	<=33.01	Pass		
	2			20.96	0.49	21.45	<=33.01	Pass		
	3			21.03	0.49	21.52	<=33.01	Pass		
6	0			20.14	0.49	20.63	<=33.01	Pass		
1882.5	1			0	21.16	0.49	21.65	<=33.01	Pass	
				2	21.26	0.49	21.75	<=33.01	Pass	
			5	21.21	0.49	21.70	<=33.01	Pass		
	3		0	21.09	0.49	21.58	<=33.01	Pass		
			2	21.17	0.49	21.66	<=33.01	Pass		
			3	21.13	0.49	21.62	<=33.01	Pass		
	6		0	20.10	0.49	20.59	<=33.01	Pass		
	1914.3		1	0	21.22	0.49	21.71	<=33.01	Pass	
				2	21.24	0.49	21.73	<=33.01	Pass	
5				21.28	0.49	21.77	<=33.01	Pass		
3			0	20.94	0.49	21.43	<=33.01	Pass		
			2	20.94	0.49	21.43	<=33.01	Pass		
			3	20.96	0.49	21.45	<=33.01	Pass		
6			0	20.07	0.49	20.56	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.2 B25\_3MHz\_EIRP

### 1.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1851.5	1	0	21.18	0.49	21.67	<=33.01	Pass		
			7	21.10	0.49	21.59	<=33.01	Pass		
			14	21.19	0.49	21.68	<=33.01	Pass		
		8	0	21.16	0.49	21.65	<=33.01	Pass		
			4	21.13	0.49	21.62	<=33.01	Pass		
			7	21.12	0.49	21.61	<=33.01	Pass		
		15	0	21.10	0.49	21.59	<=33.01	Pass		
		1882.5	1	0	20.98	0.49	21.47	<=33.01	Pass	
				7	20.95	0.49	21.44	<=33.01	Pass	
	14			20.94	0.49	21.43	<=33.01	Pass		
	8		0	20.93	0.49	21.42	<=33.01	Pass		
			4	21.00	0.49	21.49	<=33.01	Pass		
			7	21.04	0.49	21.53	<=33.01	Pass		
	15		0	21.04	0.49	21.53	<=33.01	Pass		
	1913.5		1	0	21.05	0.49	21.54	<=33.01	Pass	
				7	21.07	0.49	21.56	<=33.01	Pass	
		14		21.04	0.49	21.53	<=33.01	Pass		
		8	0	21.13	0.49	21.62	<=33.01	Pass		
			4	21.12	0.49	21.61	<=33.01	Pass		
			7	21.11	0.49	21.60	<=33.01	Pass		
		15	0	21.10	0.49	21.59	<=33.01	Pass		
		16QAM	1851.5	1	0	21.09	0.49	21.58	<=33.01	Pass
					7	21.24	0.49	21.73	<=33.01	Pass
	14				21.22	0.49	21.71	<=33.01	Pass	
8	0			21.21	0.49	21.70	<=33.01	Pass		
	4			21.20	0.49	21.69	<=33.01	Pass		
	7			21.19	0.49	21.68	<=33.01	Pass		
15	0			21.19	0.49	21.68	<=33.01	Pass		
1882.5	1			0	21.03	0.49	21.52	<=33.01	Pass	
				7	21.03	0.49	21.52	<=33.01	Pass	
			14	21.02	0.49	21.51	<=33.01	Pass		
	8		0	21.01	0.49	21.50	<=33.01	Pass		
			4	21.01	0.49	21.50	<=33.01	Pass		
			7	21.01	0.49	21.50	<=33.01	Pass		
	15		0	21.01	0.49	21.50	<=33.01	Pass		
	1913.5		1	0	21.09	0.49	21.58	<=33.01	Pass	
				7	21.08	0.49	21.57	<=33.01	Pass	
14				21.07	0.49	21.56	<=33.01	Pass		
8			0	21.07	0.49	21.56	<=33.01	Pass		
			4	21.06	0.49	21.55	<=33.01	Pass		
			7	21.06	0.49	21.55	<=33.01	Pass		
15			0	21.06	0.49	21.55	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

### 1.3 B25\_5MHz\_EIRP

#### 1.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTV
----------------------------------

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1852.5	1	0	22.25	0.49	22.74	<=33.01	Pass		
			13	22.23	0.49	22.72	<=33.01	Pass		
			24	22.34	0.49	22.83	<=33.01	Pass		
		12	0	21.34	0.49	21.83	<=33.01	Pass		
			6	21.21	0.49	21.70	<=33.01	Pass		
			13	21.28	0.49	21.77	<=33.01	Pass		
		25	0	21.21	0.49	21.70	<=33.01	Pass		
		1882.5	1	0	21.93	0.49	22.42	<=33.01	Pass	
				13	21.91	0.49	22.40	<=33.01	Pass	
	24			21.95	0.49	22.44	<=33.01	Pass		
	12		0	21.09	0.49	21.58	<=33.01	Pass		
			6	21.08	0.49	21.57	<=33.01	Pass		
			13	21.01	0.49	21.50	<=33.01	Pass		
	25		0	20.97	0.49	21.46	<=33.01	Pass		
	1912.5		1	0	22.09	0.49	22.58	<=33.01	Pass	
				13	22.09	0.49	22.58	<=33.01	Pass	
		24		22.16	0.49	22.65	<=33.01	Pass		
		12	0	21.07	0.49	21.56	<=33.01	Pass		
			6	21.11	0.49	21.60	<=33.01	Pass		
			13	21.10	0.49	21.59	<=33.01	Pass		
		25	0	21.04	0.49	21.53	<=33.01	Pass		
		16QAM	1852.5	1	0	20.44	0.49	20.93	<=33.01	Pass
					13	20.40	0.49	20.89	<=33.01	Pass
	24				20.42	0.49	20.91	<=33.01	Pass	
12	0			20.38	0.49	20.87	<=33.01	Pass		
	6			20.34	0.49	20.83	<=33.01	Pass		
	13			20.34	0.49	20.83	<=33.01	Pass		
25	0			20.38	0.49	20.87	<=33.01	Pass		
1882.5	1			0	21.11	0.49	21.60	<=33.01	Pass	
				13	21.03	0.49	21.52	<=33.01	Pass	
			24	21.23	0.49	21.72	<=33.01	Pass		
	12		0	20.17	0.49	20.66	<=33.01	Pass		
			6	20.20	0.49	20.69	<=33.01	Pass		
			13	20.16	0.49	20.65	<=33.01	Pass		
	25		0	20.28	0.49	20.77	<=33.01	Pass		
	1912.5		1	0	21.20	0.49	21.69	<=33.01	Pass	
				13	21.31	0.49	21.80	<=33.01	Pass	
24				21.28	0.49	21.77	<=33.01	Pass		
12			0	20.16	0.49	20.65	<=33.01	Pass		
			6	20.19	0.49	20.68	<=33.01	Pass		
			13	20.26	0.49	20.75	<=33.01	Pass		
25			0	20.21	0.49	20.70	<=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	21.18	0.49	21.67	<=33.01	Pass
			25	21.20	0.49	21.69	<=33.01	Pass

		25	49	21.16	0.49	21.65	<=33.01	Pass	
			0	21.13	0.49	21.62	<=33.01	Pass	
			13	21.24	0.49	21.73	<=33.01	Pass	
			25	21.22	0.49	21.71	<=33.01	Pass	
		50	0	21.21	0.49	21.70	<=33.01	Pass	
			1	0	20.99	0.49	21.48	<=33.01	Pass
				25	20.95	0.49	21.44	<=33.01	Pass
		49		21.17	0.49	21.66	<=33.01	Pass	
		25	0	21.13	0.49	21.62	<=33.01	Pass	
			13	21.12	0.49	21.61	<=33.01	Pass	
	25		21.12	0.49	21.61	<=33.01	Pass		
	50	0	21.11	0.49	21.60	<=33.01	Pass		
	1882.5	1	0	21.16	0.49	21.65	<=33.01	Pass	
			25	21.11	0.49	21.60	<=33.01	Pass	
			49	21.09	0.49	21.58	<=33.01	Pass	
		25	0	21.08	0.49	21.57	<=33.01	Pass	
			13	21.07	0.49	21.56	<=33.01	Pass	
			25	21.07	0.49	21.56	<=33.01	Pass	
		50	0	21.06	0.49	21.55	<=33.01	Pass	
			1	0	21.19	0.49	21.68	<=33.01	Pass
				25	21.19	0.49	21.68	<=33.01	Pass
				49	21.18	0.49	21.67	<=33.01	Pass
	1855	25	0	21.16	0.49	21.65	<=33.01	Pass	
			13	21.16	0.49	21.65	<=33.01	Pass	
			25	21.16	0.49	21.65	<=33.01	Pass	
		50	0	21.15	0.49	21.64	<=33.01	Pass	
			1	0	21.11	0.49	21.60	<=33.01	Pass
25	21.10	0.49		21.59	<=33.01	Pass			
49	21.09	0.49		21.58	<=33.01	Pass			
1882.5	25	0	21.09	0.49	21.58	<=33.01	Pass		
		13	21.08	0.49	21.57	<=33.01	Pass		
		25	21.08	0.49	21.57	<=33.01	Pass		
	50	0	21.08	0.49	21.57	<=33.01	Pass		
		1	0	21.05	0.49	21.54	<=33.01	Pass	
25	21.05		0.49	21.54	<=33.01	Pass			
49	21.05		0.49	21.54	<=33.01	Pass			
1910	25	0	21.04	0.49	21.53	<=33.01	Pass		
		13	21.04	0.49	21.53	<=33.01	Pass		
		25	21.03	0.49	21.52	<=33.01	Pass		
	50	0	21.03	0.49	21.52	<=33.01	Pass		
		0	21.03	0.49	21.52	<=33.01	Pass		
16QAM		1	0	21.19	0.49	21.68	<=33.01	Pass	
			25	21.19	0.49	21.68	<=33.01	Pass	
			49	21.18	0.49	21.67	<=33.01	Pass	
		25	0	21.16	0.49	21.65	<=33.01	Pass	
			13	21.16	0.49	21.65	<=33.01	Pass	
			25	21.16	0.49	21.65	<=33.01	Pass	
		50	0	21.15	0.49	21.64	<=33.01	Pass	
			1	0	21.11	0.49	21.60	<=33.01	Pass
				25	21.10	0.49	21.59	<=33.01	Pass
				49	21.09	0.49	21.58	<=33.01	Pass
	1882.5	25	0	21.09	0.49	21.58	<=33.01	Pass	
			13	21.08	0.49	21.57	<=33.01	Pass	
			25	21.08	0.49	21.57	<=33.01	Pass	
		50	0	21.08	0.49	21.57	<=33.01	Pass	
			1	0	21.05	0.49	21.54	<=33.01	Pass
	25	21.05		0.49	21.54	<=33.01	Pass		
	49	21.05		0.49	21.54	<=33.01	Pass		
	1910	25	0	21.04	0.49	21.53	<=33.01	Pass	
			13	21.04	0.49	21.53	<=33.01	Pass	
			25	21.03	0.49	21.52	<=33.01	Pass	
		50	0	21.03	0.49	21.52	<=33.01	Pass	
			0	21.03	0.49	21.52	<=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	22.20	0.49	22.69	<=33.01	Pass
			38	22.17	0.49	22.66	<=33.01	Pass
			74	22.15	0.49	22.64	<=33.01	Pass
		36	0	21.24	0.49	21.73	<=33.01	Pass
			18	21.33	0.49	21.82	<=33.01	Pass
			39	21.14	0.49	21.63	<=33.01	Pass

	1882.5	75	0	21.10	0.49	21.59	<=33.01	Pass		
			1	0	22.07	0.49	22.56	<=33.01	Pass	
				38	22.01	0.49	22.50	<=33.01	Pass	
		74		22.09	0.49	22.58	<=33.01	Pass		
		36	0	21.14	0.49	21.63	<=33.01	Pass		
			18	21.08	0.49	21.57	<=33.01	Pass		
			39	21.20	0.49	21.69	<=33.01	Pass		
		75	0	21.08	0.49	21.57	<=33.01	Pass		
		1907.5	1	0	22.20	0.49	22.69	<=33.01	Pass	
	38			22.15	0.49	22.64	<=33.01	Pass		
	74			22.24	0.49	22.73	<=33.01	Pass		
	36		0	21.07	0.49	21.56	<=33.01	Pass		
			18	21.07	0.49	21.56	<=33.01	Pass		
			39	21.14	0.49	21.63	<=33.01	Pass		
	75		0	21.17	0.49	21.66	<=33.01	Pass		
	16QAM		1857.5	1	0	21.41	0.49	21.90	<=33.01	Pass
					38	21.43	0.49	21.92	<=33.01	Pass
		74			21.46	0.49	21.95	<=33.01	Pass	
36		0		20.49	0.49	20.98	<=33.01	Pass		
		18		20.38	0.49	20.87	<=33.01	Pass		
		39		20.37	0.49	20.86	<=33.01	Pass		
75		0		20.38	0.49	20.87	<=33.01	Pass		
1882.5		1		0	21.39	0.49	21.88	<=33.01	Pass	
				38	21.40	0.49	21.89	<=33.01	Pass	
			74	21.40	0.49	21.89	<=33.01	Pass		
		36	0	20.11	0.49	20.60	<=33.01	Pass		
			18	20.19	0.49	20.68	<=33.01	Pass		
			39	20.24	0.49	20.73	<=33.01	Pass		
		75	0	20.12	0.49	20.61	<=33.01	Pass		
		1907.5	1	0	21.35	0.49	21.84	<=33.01	Pass	
				38	21.32	0.49	21.81	<=33.01	Pass	
74				21.37	0.49	21.86	<=33.01	Pass		
36			0	20.26	0.49	20.75	<=33.01	Pass		
	18		20.26	0.49	20.75	<=33.01	Pass			
	39		20.33	0.49	20.82	<=33.01	Pass			
75	0		20.26	0.49	20.75	<=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	22.22	0.49	22.71	<=33.01	Pass
			50	22.22	0.49	22.71	<=33.01	Pass
			99	22.11	0.49	22.60	<=33.01	Pass
		50	0	21.19	0.49	21.68	<=33.01	Pass
			25	21.22	0.49	21.71	<=33.01	Pass
			50	21.28	0.49	21.77	<=33.01	Pass
	100	0	21.12	0.49	21.61	<=33.01	Pass	
	1882.5	1	0	22.09	0.49	22.58	<=33.01	Pass
			50	22.06	0.49	22.55	<=33.01	Pass
			99	22.15	0.49	22.64	<=33.01	Pass

		50	0	21.14	0.49	21.63	<=33.01	Pass		
			25	21.06	0.49	21.55	<=33.01	Pass		
			50	21.07	0.49	21.56	<=33.01	Pass		
		100	0	21.00	0.49	21.49	<=33.01	Pass		
			1	0	22.29	0.49	22.78	<=33.01	Pass	
				50	22.17	0.49	22.66	<=33.01	Pass	
	99	22.24		0.49	22.73	<=33.01	Pass			
	1905	50	0	21.03	0.49	21.52	<=33.01	Pass		
			25	21.16	0.49	21.65	<=33.01	Pass		
			50	21.06	0.49	21.55	<=33.01	Pass		
		100	0	21.19	0.49	21.68	<=33.01	Pass		
			1860	1	0	21.98	0.49	22.47	<=33.01	Pass
50					21.86	0.49	22.35	<=33.01	Pass	
99	21.89	0.49			22.38	<=33.01	Pass			
16QAM	1860	50	0	20.38	0.49	20.87	<=33.01	Pass		
			25	20.34	0.49	20.83	<=33.01	Pass		
			50	20.30	0.49	20.79	<=33.01	Pass		
		100	0	20.37	0.49	20.86	<=33.01	Pass		
			1882.5	1	0	21.12	0.49	21.61	<=33.01	Pass
					50	21.05	0.49	21.54	<=33.01	Pass
	99	21.17			0.49	21.66	<=33.01	Pass		
	1905	50	0	20.18	0.49	20.67	<=33.01	Pass		
			25	20.20	0.49	20.69	<=33.01	Pass		
			50	20.30	0.49	20.79	<=33.01	Pass		
		100	0	20.14	0.49	20.63	<=33.01	Pass		
			1	0	21.07	0.49	21.56	<=33.01	Pass	
50				21.02	0.49	21.51	<=33.01	Pass		
50	99	21.19		0.49	21.68	<=33.01	Pass			
	0	20.18	0.49	20.67	<=33.01	Pass				
	25	20.20	0.49	20.69	<=33.01	Pass				
100	50	20.32	0.49	20.81	<=33.01	Pass				
	0	20.28	0.49	20.77	<=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	-0.114	-0.0001	-2.5 to 2.5	Pass	
					3.85	1.445	0.0008	-2.5 to 2.5	Pass	
					4.43	-4.663	-0.0025	-2.5 to 2.5	Pass	
				-30	3.85	-10.901	-0.0059	-2.5 to 2.5	Pass	
					-20	3.85	-15.635	-0.0084	-2.5 to 2.5	Pass
						3.85	-23.131	-0.0125	-2.5 to 2.5	Pass
				0	3.85	-28.796	-0.0156	-2.5 to 2.5	Pass	
					10	3.85	-35.748	-0.0193	-2.5 to 2.5	Pass
					30	3.85	-38.810	-0.0210	-2.5 to 2.5	Pass
				40	3.85	-46.163	-0.0249	-2.5 to 2.5	Pass	
					50	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass

	1882.5	6	0	20	3.27	-34.776	-0.0185	-2.5 to 2.5	Pass
					3.85	-20.871	-0.0111	-2.5 to 2.5	Pass
					4.43	-31.528	-0.0167	-2.5 to 2.5	Pass
				-30	3.85	-12.474	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-19.226	-0.0102	-2.5 to 2.5	Pass
				-10	3.85	-38.624	-0.0205	-2.5 to 2.5	Pass
				0	3.85	-40.498	-0.0215	-2.5 to 2.5	Pass
				10	3.85	-30.513	-0.0162	-2.5 to 2.5	Pass
				30	3.85	-16.809	-0.0089	-2.5 to 2.5	Pass
	40	3.85	-45.147	-0.0240	-2.5 to 2.5	Pass			
	50	3.85	-17.338	-0.0092	-2.5 to 2.5	Pass			
	1914.3	6	0	20	3.27	-14.749	-0.0077	-2.5 to 2.5	Pass
					3.85	-36.693	-0.0192	-2.5 to 2.5	Pass
					4.43	-34.676	-0.0181	-2.5 to 2.5	Pass
				-30	3.85	-13.418	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-18.954	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	4.578	0.0024	-2.5 to 2.5	Pass
				0	3.85	-36.678	-0.0192	-2.5 to 2.5	Pass
10				3.85	-33.875	-0.0177	-2.5 to 2.5	Pass	
30				3.85	-17.037	-0.0089	-2.5 to 2.5	Pass	
40	3.85	-1.044	-0.0005	-2.5 to 2.5	Pass				
50	3.85	-29.526	-0.0154	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	-5.536	-0.0030	-2.5 to 2.5	Pass
					3.85	-12.631	-0.0068	-2.5 to 2.5	Pass
					4.43	-12.546	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-14.076	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-13.475	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-16.737	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-18.010	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-21.200	-0.0115	-2.5 to 2.5	Pass
				30	3.85	-21.086	-0.0114	-2.5 to 2.5	Pass
	40	3.85	-23.403	-0.0126	-2.5 to 2.5	Pass			
	50	3.85	-22.244	-0.0120	-2.5 to 2.5	Pass			
	1882.5	6	0	20	3.27	3.691	0.0020	-2.5 to 2.5	Pass
					3.85	-27.738	-0.0147	-2.5 to 2.5	Pass
					4.43	-16.952	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-33.960	-0.0180	-2.5 to 2.5	Pass
				-20	3.85	-27.180	-0.0144	-2.5 to 2.5	Pass
				-10	3.85	-35.820	-0.0190	-2.5 to 2.5	Pass
				0	3.85	-17.123	-0.0091	-2.5 to 2.5	Pass
10				3.85	-24.433	-0.0130	-2.5 to 2.5	Pass	
30				3.85	-1.073	-0.0006	-2.5 to 2.5	Pass	
40	3.85	-35.148	-0.0187	-2.5 to 2.5	Pass				
50	3.85	-27.237	-0.0145	-2.5 to 2.5	Pass				
1914.3	6	0	20	3.27	-11.373	-0.0059	-2.5 to 2.5	Pass	
				3.85	-30.613	-0.0160	-2.5 to 2.5	Pass	
				4.43	-46.778	-0.0244	-2.5 to 2.5	Pass	
			-30	3.85	-16.537	-0.0086	-2.5 to 2.5	Pass	
			-20	3.85	-30.613	-0.0160	-2.5 to 2.5	Pass	
			-10	3.85	-47.493	-0.0248	-2.5 to 2.5	Pass	
			0	3.85	-55.318	-0.0289	-2.5 to 2.5	Pass	
			10	3.85	-19.069	-0.0100	-2.5 to 2.5	Pass	
			30	3.85	-34.432	-0.0180	-2.5 to 2.5	Pass	
40	3.85	-45.075	-0.0235	-2.5 to 2.5	Pass				
50	3.85	-1.388	-0.0007	-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	-10.757	-0.0058	-2.5 to 2.5	Pass
					3.85	-39.697	-0.0214	-2.5 to 2.5	Pass
					4.43	-28.567	-0.0154	-2.5 to 2.5	Pass
				-30	3.85	-31.757	-0.0172	-2.5 to 2.5	Pass
				-20	3.85	-7.682	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-20.714	-0.0112	-2.5 to 2.5	Pass
				0	3.85	3.161	0.0017	-2.5 to 2.5	Pass
				10	3.85	-32.673	-0.0176	-2.5 to 2.5	Pass
				30	3.85	-24.047	-0.0130	-2.5 to 2.5	Pass
				40	3.85	-31.128	-0.0168	-2.5 to 2.5	Pass
	50	3.85	-47.665	-0.0257	-2.5 to 2.5	Pass			
	1882.5	15	0	20	3.27	-9.112	-0.0048	-2.5 to 2.5	Pass
					3.85	-20.299	-0.0108	-2.5 to 2.5	Pass
					4.43	-36.249	-0.0193	-2.5 to 2.5	Pass
				-30	3.85	-24.147	-0.0128	-2.5 to 2.5	Pass
				-20	3.85	-39.926	-0.0212	-2.5 to 2.5	Pass
				-10	3.85	-55.118	-0.0293	-2.5 to 2.5	Pass
				0	3.85	-4.563	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-10.943	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-21.701	-0.0115	-2.5 to 2.5	Pass
				40	3.85	-31.700	-0.0168	-2.5 to 2.5	Pass
	50	3.85	-43.001	-0.0228	-2.5 to 2.5	Pass			
	1913.5	15	0	20	3.27	3.805	0.0020	-2.5 to 2.5	Pass
					3.85	-14.119	-0.0074	-2.5 to 2.5	Pass
					4.43	-21.129	-0.0110	-2.5 to 2.5	Pass
				-30	3.85	-24.848	-0.0130	-2.5 to 2.5	Pass
				-20	3.85	-30.713	-0.0161	-2.5 to 2.5	Pass
				-10	3.85	-33.317	-0.0174	-2.5 to 2.5	Pass
				0	3.85	-37.708	-0.0197	-2.5 to 2.5	Pass
				10	3.85	-44.603	-0.0233	-2.5 to 2.5	Pass
30				3.85	-0.343	-0.0002	-2.5 to 2.5	Pass	
40				3.85	-6.723	-0.0035	-2.5 to 2.5	Pass	
50	3.85	-12.231	-0.0064	-2.5 to 2.5	Pass				
16QAM	1851.5	15	0	20	3.27	-9.770	-0.0053	-2.5 to 2.5	Pass
					3.85	-24.877	-0.0134	-2.5 to 2.5	Pass
					4.43	-45.762	-0.0247	-2.5 to 2.5	Pass
				-30	3.85	-22.788	-0.0123	-2.5 to 2.5	Pass
				-20	3.85	-38.996	-0.0211	-2.5 to 2.5	Pass
				-10	3.85	9.856	0.0053	-2.5 to 2.5	Pass
				0	3.85	-5.751	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-19.612	-0.0106	-2.5 to 2.5	Pass
				30	3.85	-32.458	-0.0175	-2.5 to 2.5	Pass
				40	3.85	-46.735	-0.0252	-2.5 to 2.5	Pass
	50	3.85	-16.565	-0.0089	-2.5 to 2.5	Pass			
	1882.5	15	0	20	3.27	-41.957	-0.0223	-2.5 to 2.5	Pass
					3.85	-20.843	-0.0111	-2.5 to 2.5	Pass
					4.43	-28.481	-0.0151	-2.5 to 2.5	Pass
-30				3.85	-35.377	-0.0188	-2.5 to 2.5	Pass	
-20	3.85	-37.665	-0.0200	-2.5 to 2.5	Pass				



				-10	3.85	-39.639	-0.0211	-2.5 to 2.5	Pass
				0	3.85	-48.037	-0.0255	-2.5 to 2.5	Pass
				10	3.85	8.969	0.0048	-2.5 to 2.5	Pass
				30	3.85	3.691	0.0020	-2.5 to 2.5	Pass
				40	3.85	-2.332	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-7.381	-0.0039	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	-15.163	-0.0079	-2.5 to 2.5	Pass
					3.85	-18.597	-0.0097	-2.5 to 2.5	Pass
					4.43	-20.900	-0.0109	-2.5 to 2.5	Pass
				-30	3.85	-21.558	-0.0113	-2.5 to 2.5	Pass
				-20	3.85	-24.104	-0.0126	-2.5 to 2.5	Pass
				-10	3.85	-29.383	-0.0154	-2.5 to 2.5	Pass
				0	3.85	-33.360	-0.0174	-2.5 to 2.5	Pass
				10	3.85	-33.717	-0.0176	-2.5 to 2.5	Pass
				30	3.85	-36.521	-0.0191	-2.5 to 2.5	Pass
				40	3.85	-37.293	-0.0195	-2.5 to 2.5	Pass
				50	3.85	-43.588	-0.0228	-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	-38.939	-0.0210	-2.5 to 2.5	Pass
					3.85	-33.102	-0.0179	-2.5 to 2.5	Pass
					4.43	-22.774	-0.0123	-2.5 to 2.5	Pass
				-30	3.85	4.635	0.0025	-2.5 to 2.5	Pass
				-20	3.85	-22.159	-0.0120	-2.5 to 2.5	Pass
				-10	3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-48.766	-0.0263	-2.5 to 2.5	Pass
				10	3.85	-29.111	-0.0157	-2.5 to 2.5	Pass
				30	3.85	-30.370	-0.0164	-2.5 to 2.5	Pass
				40	3.85	-41.628	-0.0225	-2.5 to 2.5	Pass
				50	3.85	-2.789	-0.0015	-2.5 to 2.5	Pass
				1882.5	25	0	20	3.27	-1.745
	3.85	-8.397	-0.0045					-2.5 to 2.5	Pass
	4.43	-15.707	-0.0083					-2.5 to 2.5	Pass
	-30	3.85	-23.789				-0.0126	-2.5 to 2.5	Pass
	-20	3.85	-31.343				-0.0166	-2.5 to 2.5	Pass
	-10	3.85	-40.097				-0.0213	-2.5 to 2.5	Pass
	0	3.85	-47.879				-0.0254	-2.5 to 2.5	Pass
	10	3.85	-53.730				-0.0285	-2.5 to 2.5	Pass
	30	3.85	2.747				0.0015	-2.5 to 2.5	Pass
	40	3.85	-1.245				-0.0007	-2.5 to 2.5	Pass
	50	3.85	-8.712				-0.0046	-2.5 to 2.5	Pass
	1912.5	25	0				20	3.27	5.522
				3.85	-4.449	-0.0023		-2.5 to 2.5	Pass
				4.43	-12.474	-0.0065		-2.5 to 2.5	Pass
				-30	3.85	-17.066	-0.0089	-2.5 to 2.5	Pass
				-20	3.85	-18.897	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-22.044	-0.0115	-2.5 to 2.5	Pass
				0	3.85	-23.260	-0.0122	-2.5 to 2.5	Pass
				10	3.85	-28.467	-0.0149	-2.5 to 2.5	Pass

				30	3.85	-29.240	-0.0153	-2.5 to 2.5	Pass
				40	3.85	-32.673	-0.0171	-2.5 to 2.5	Pass
				50	3.85	-35.248	-0.0184	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-21.257	-0.0115	-2.5 to 2.5	Pass
					3.85	-31.142	-0.0168	-2.5 to 2.5	Pass
					4.43	-41.585	-0.0224	-2.5 to 2.5	Pass
				-30	3.85	-15.507	-0.0084	-2.5 to 2.5	Pass
				-20	3.85	-22.645	-0.0122	-2.5 to 2.5	Pass
				-10	3.85	-36.464	-0.0197	-2.5 to 2.5	Pass
				0	3.85	-44.131	-0.0238	-2.5 to 2.5	Pass
				10	3.85	-55.075	-0.0297	-2.5 to 2.5	Pass
				30	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-11.616	-0.0063	-2.5 to 2.5	Pass
	50	3.85	-19.441	-0.0105	-2.5 to 2.5	Pass			
	1882.5	25	0	20	3.27	-14.048	-0.0075	-2.5 to 2.5	Pass
					3.85	-17.366	-0.0092	-2.5 to 2.5	Pass
					4.43	-23.818	-0.0127	-2.5 to 2.5	Pass
				-30	3.85	-27.852	-0.0148	-2.5 to 2.5	Pass
				-20	3.85	-32.344	-0.0172	-2.5 to 2.5	Pass
				-10	3.85	-33.102	-0.0176	-2.5 to 2.5	Pass
				0	3.85	-36.936	-0.0196	-2.5 to 2.5	Pass
				10	3.85	-41.742	-0.0222	-2.5 to 2.5	Pass
				30	3.85	-44.203	-0.0235	-2.5 to 2.5	Pass
				40	3.85	-49.925	-0.0265	-2.5 to 2.5	Pass
	50	3.85	-17.023	-0.0090	-2.5 to 2.5	Pass			
	1912.5	25	0	20	3.27	-37.737	-0.0197	-2.5 to 2.5	Pass
					3.85	-43.602	-0.0228	-2.5 to 2.5	Pass
					4.43	-27.294	-0.0143	-2.5 to 2.5	Pass
				-30	3.85	-22.745	-0.0119	-2.5 to 2.5	Pass
				-20	3.85	-23.675	-0.0124	-2.5 to 2.5	Pass
				-10	3.85	-20.170	-0.0105	-2.5 to 2.5	Pass
				0	3.85	-22.602	-0.0118	-2.5 to 2.5	Pass
				10	3.85	-20.757	-0.0109	-2.5 to 2.5	Pass
30				3.85	-21.071	-0.0110	-2.5 to 2.5	Pass	
40				3.85	-23.189	-0.0121	-2.5 to 2.5	Pass	
50	3.85	-23.947	-0.0125	-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	-14.334	-0.0077	-2.5 to 2.5	Pass
					3.85	-38.266	-0.0206	-2.5 to 2.5	Pass
					4.43	-42.686	-0.0230	-2.5 to 2.5	Pass
				-30	3.85	-38.738	-0.0209	-2.5 to 2.5	Pass
				-20	3.85	-36.507	-0.0197	-2.5 to 2.5	Pass
				-10	3.85	-36.664	-0.0198	-2.5 to 2.5	Pass
				0	3.85	-38.266	-0.0206	-2.5 to 2.5	Pass
				10	3.85	-37.422	-0.0202	-2.5 to 2.5	Pass
				30	3.85	8.039	0.0043	-2.5 to 2.5	Pass
				40	3.85	25.878	0.0140	-2.5 to 2.5	Pass
50	3.85	41.056	0.0221	-2.5 to 2.5	Pass				

	1882.5	50	0	20	3.27	-8.011	-0.0043	-2.5 to 2.5	Pass
					3.85	-5.593	-0.0030	-2.5 to 2.5	Pass
					4.43	-7.210	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-4.950	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-5.722	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-6.466	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-9.313	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-11.430	-0.0061	-2.5 to 2.5	Pass
				30	3.85	-9.856	-0.0052	-2.5 to 2.5	Pass
	40	3.85	-38.195	-0.0203	-2.5 to 2.5	Pass			
	50	3.85	-12.088	-0.0064	-2.5 to 2.5	Pass			
	1910	50	0	20	3.27	4.191	0.0022	-2.5 to 2.5	Pass
					3.85	-7.739	-0.0041	-2.5 to 2.5	Pass
					4.43	-13.547	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-17.195	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-20.928	-0.0110	-2.5 to 2.5	Pass
				-10	3.85	-23.890	-0.0125	-2.5 to 2.5	Pass
				0	3.85	-26.407	-0.0138	-2.5 to 2.5	Pass
10				3.85	-28.353	-0.0148	-2.5 to 2.5	Pass	
30				3.85	-34.003	-0.0178	-2.5 to 2.5	Pass	
40	3.85	-35.477	-0.0186	-2.5 to 2.5	Pass				
50	3.85	-37.937	-0.0199	-2.5 to 2.5	Pass				
16QAM	1855	50	0	20	3.27	5.364	0.0029	-2.5 to 2.5	Pass
					3.85	20.156	0.0109	-2.5 to 2.5	Pass
					4.43	31.600	0.0170	-2.5 to 2.5	Pass
				-30	3.85	26.422	0.0142	-2.5 to 2.5	Pass
				-20	3.85	2.275	0.0012	-2.5 to 2.5	Pass
				-10	3.85	11.759	0.0063	-2.5 to 2.5	Pass
				0	3.85	19.269	0.0104	-2.5 to 2.5	Pass
				10	3.85	30.327	0.0163	-2.5 to 2.5	Pass
				30	3.85	36.049	0.0194	-2.5 to 2.5	Pass
	40	3.85	45.447	0.0245	-2.5 to 2.5	Pass			
	50	3.85	16.394	0.0088	-2.5 to 2.5	Pass			
	1882.5	50	0	20	3.27	-21.987	-0.0117	-2.5 to 2.5	Pass
					3.85	-22.516	-0.0120	-2.5 to 2.5	Pass
					4.43	-26.236	-0.0139	-2.5 to 2.5	Pass
				-30	3.85	-29.469	-0.0157	-2.5 to 2.5	Pass
				-20	3.85	-40.927	-0.0217	-2.5 to 2.5	Pass
				-10	3.85	-34.575	-0.0184	-2.5 to 2.5	Pass
				0	3.85	-36.979	-0.0196	-2.5 to 2.5	Pass
				10	3.85	-37.980	-0.0202	-2.5 to 2.5	Pass
				30	3.85	-38.667	-0.0205	-2.5 to 2.5	Pass
	40	3.85	-42.300	-0.0225	-2.5 to 2.5	Pass			
	50	3.85	-43.459	-0.0231	-2.5 to 2.5	Pass			
	1910	50	0	20	3.27	9.813	0.0051	-2.5 to 2.5	Pass
					3.85	11.587	0.0061	-2.5 to 2.5	Pass
					4.43	10.300	0.0054	-2.5 to 2.5	Pass
				-30	3.85	10.557	0.0055	-2.5 to 2.5	Pass
				-20	3.85	8.039	0.0042	-2.5 to 2.5	Pass
-10				3.85	8.254	0.0043	-2.5 to 2.5	Pass	
0				3.85	6.852	0.0036	-2.5 to 2.5	Pass	
10				3.85	6.380	0.0033	-2.5 to 2.5	Pass	
30				3.85	3.591	0.0019	-2.5 to 2.5	Pass	
40	3.85	8.268	0.0043	-2.5 to 2.5	Pass				
50	3.85	9.155	0.0048	-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	-7.753	-0.0042	-2.5 to 2.5	Pass	
					3.85	-19.412	-0.0105	-2.5 to 2.5	Pass	
					4.43	-43.058	-0.0232	-2.5 to 2.5	Pass	
				-30	3.85	-17.581	-0.0095	-2.5 to 2.5	Pass	
				-20	3.85	-12.903	-0.0069	-2.5 to 2.5	Pass	
				-10	3.85	-40.226	-0.0217	-2.5 to 2.5	Pass	
				0	3.85	-9.627	-0.0052	-2.5 to 2.5	Pass	
				10	3.85	-27.022	-0.0145	-2.5 to 2.5	Pass	
				30	3.85	-7.882	-0.0042	-2.5 to 2.5	Pass	
				40	3.85	-20.785	-0.0112	-2.5 to 2.5	Pass	
				50	3.85	-32.673	-0.0176	-2.5 to 2.5	Pass	
				1882.5	75	0	20	3.27	10.228	0.0054
	3.85	0.701	0.0004					-2.5 to 2.5	Pass	
	4.43	-9.284	-0.0049					-2.5 to 2.5	Pass	
	-30	3.85	-17.610				-0.0094	-2.5 to 2.5	Pass	
	-20	3.85	-24.605				-0.0131	-2.5 to 2.5	Pass	
	-10	3.85	-29.912				-0.0159	-2.5 to 2.5	Pass	
	0	3.85	-34.375				-0.0183	-2.5 to 2.5	Pass	
	10	3.85	-39.139				-0.0208	-2.5 to 2.5	Pass	
	30	3.85	-12.746				-0.0068	-2.5 to 2.5	Pass	
	40	3.85	-18.468				-0.0098	-2.5 to 2.5	Pass	
	50	3.85	-21.558				-0.0115	-2.5 to 2.5	Pass	
	1907.5	75	0				20	3.27	-7.496	-0.0039
				3.85	-19.212	-0.0101		-2.5 to 2.5	Pass	
				4.43	-29.140	-0.0153		-2.5 to 2.5	Pass	
				-30	3.85	-35.348	-0.0185	-2.5 to 2.5	Pass	
				-20	3.85	-35.706	-0.0187	-2.5 to 2.5	Pass	
				-10	3.85	-38.996	-0.0204	-2.5 to 2.5	Pass	
				0	3.85	-42.157	-0.0221	-2.5 to 2.5	Pass	
				10	3.85	-47.836	-0.0251	-2.5 to 2.5	Pass	
				30	3.85	-52.300	-0.0274	-2.5 to 2.5	Pass	
				40	3.85	-7.854	-0.0041	-2.5 to 2.5	Pass	
				50	3.85	5.593	0.0029	-2.5 to 2.5	Pass	
				16QAM	1857.5	75	0	20	3.27	-43.917
	3.85	-1.216	-0.0007						-2.5 to 2.5	Pass
	4.43	-8.397	-0.0045						-2.5 to 2.5	Pass
-30	3.85	-15.121	-0.0081					-2.5 to 2.5	Pass	
-20	3.85	-21.887	-0.0118					-2.5 to 2.5	Pass	
-10	3.85	-24.490	-0.0132					-2.5 to 2.5	Pass	
0	3.85	-28.367	-0.0153					-2.5 to 2.5	Pass	
10	3.85	-33.131	-0.0178					-2.5 to 2.5	Pass	
30	3.85	-36.006	-0.0194					-2.5 to 2.5	Pass	
40	3.85	-40.870	-0.0220					-2.5 to 2.5	Pass	
50	3.85	-45.719	-0.0246					-2.5 to 2.5	Pass	
1882.5	75	0	20					3.27	-26.164	-0.0139
					3.85	-27.008	-0.0143	-2.5 to 2.5	Pass	
					4.43	-29.883	-0.0159	-2.5 to 2.5	Pass	
			-30		3.85	-30.355	-0.0161	-2.5 to 2.5	Pass	
			-20		3.85	-32.144	-0.0171	-2.5 to 2.5	Pass	

				-10	3.85	-33.588	-0.0178	-2.5 to 2.5	Pass
				0	3.85	-35.505	-0.0189	-2.5 to 2.5	Pass
				10	3.85	-38.795	-0.0206	-2.5 to 2.5	Pass
				30	3.85	-37.436	-0.0199	-2.5 to 2.5	Pass
				40	3.85	-38.037	-0.0202	-2.5 to 2.5	Pass
				50	3.85	-40.255	-0.0214	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	5.236	0.0027	-2.5 to 2.5	Pass
					3.85	4.892	0.0026	-2.5 to 2.5	Pass
					4.43	6.051	0.0032	-2.5 to 2.5	Pass
				-30	3.85	2.861	0.0015	-2.5 to 2.5	Pass
				-20	3.85	4.134	0.0022	-2.5 to 2.5	Pass
				-10	3.85	0.987	0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				10	3.85	1.016	0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-2.232	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-0.815	-0.0004	-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	2.131	0.0011	-2.5 to 2.5	Pass
					3.85	-34.475	-0.0185	-2.5 to 2.5	Pass
					4.43	-1.988	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-26.736	-0.0144	-2.5 to 2.5	Pass
				-20	3.85	-31.543	-0.0170	-2.5 to 2.5	Pass
				-10	3.85	-13.947	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-39.067	-0.0210	-2.5 to 2.5	Pass
				10	3.85	-23.160	-0.0125	-2.5 to 2.5	Pass
				30	3.85	-3.433	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-7.482	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-17.409	-0.0094	-2.5 to 2.5	Pass
				1882.5	100	0	20	3.27	10.185
	3.85	-2.303	-0.0012					-2.5 to 2.5	Pass
	4.43	-15.407	-0.0082					-2.5 to 2.5	Pass
	-30	3.85	-24.991				-0.0133	-2.5 to 2.5	Pass
	-20	3.85	-33.817				-0.0180	-2.5 to 2.5	Pass
	-10	3.85	-41.642				-0.0221	-2.5 to 2.5	Pass
	0	3.85	-11.258				-0.0060	-2.5 to 2.5	Pass
	10	3.85	-18.525				-0.0098	-2.5 to 2.5	Pass
	30	3.85	-24.590				-0.0131	-2.5 to 2.5	Pass
	40	3.85	-29.140				-0.0155	-2.5 to 2.5	Pass
	50	3.85	-34.261				-0.0182	-2.5 to 2.5	Pass
	1905	100	0				20	3.27	5.994
				3.85	-2.832	-0.0015		-2.5 to 2.5	Pass
				4.43	-9.027	-0.0047		-2.5 to 2.5	Pass
				-30	3.85	-13.003	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-16.823	-0.0088	-2.5 to 2.5	Pass
				-10	3.85	-17.838	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-20.499	-0.0108	-2.5 to 2.5	Pass
				10	3.85	-24.934	-0.0131	-2.5 to 2.5	Pass

				30	3.85	-28.310	-0.0149	-2.5 to 2.5	Pass
				40	3.85	-31.600	-0.0166	-2.5 to 2.5	Pass
				50	3.85	-34.647	-0.0182	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-29.025	-0.0156	-2.5 to 2.5	Pass
					3.85	-34.146	-0.0184	-2.5 to 2.5	Pass
					4.43	-41.943	-0.0225	-2.5 to 2.5	Pass
				-30	3.85	-46.091	-0.0248	-2.5 to 2.5	Pass
				-20	3.85	-13.289	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-17.509	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-22.559	-0.0121	-2.5 to 2.5	Pass
				10	3.85	-28.367	-0.0153	-2.5 to 2.5	Pass
				30	3.85	-30.499	-0.0164	-2.5 to 2.5	Pass
				40	3.85	-32.773	-0.0176	-2.5 to 2.5	Pass
	50	3.85	-36.979	-0.0199	-2.5 to 2.5	Pass			
	1882.5	100	0	20	3.27	-39.110	-0.0208	-2.5 to 2.5	Pass
					3.85	-37.909	-0.0201	-2.5 to 2.5	Pass
					4.43	-36.020	-0.0191	-2.5 to 2.5	Pass
				-30	3.85	-40.298	-0.0214	-2.5 to 2.5	Pass
				-20	3.85	-40.941	-0.0217	-2.5 to 2.5	Pass
				-10	3.85	-20.156	-0.0107	-2.5 to 2.5	Pass
				0	3.85	5.307	0.0028	-2.5 to 2.5	Pass
				10	3.85	5.908	0.0031	-2.5 to 2.5	Pass
				30	3.85	3.805	0.0020	-2.5 to 2.5	Pass
				40	3.85	-13.218	-0.0070	-2.5 to 2.5	Pass
	50	3.85	-5.536	-0.0029	-2.5 to 2.5	Pass			
	1905	100	0	20	3.27	-35.119	-0.0184	-2.5 to 2.5	Pass
					3.85	-33.789	-0.0177	-2.5 to 2.5	Pass
					4.43	-35.977	-0.0189	-2.5 to 2.5	Pass
				-30	3.85	-37.622	-0.0197	-2.5 to 2.5	Pass
				-20	3.85	-36.335	-0.0191	-2.5 to 2.5	Pass
				-10	3.85	-35.377	-0.0186	-2.5 to 2.5	Pass
				0	3.85	-37.336	-0.0196	-2.5 to 2.5	Pass
				10	3.85	-36.893	-0.0194	-2.5 to 2.5	Pass
30				3.85	-38.209	-0.0201	-2.5 to 2.5	Pass	
40				3.85	-37.823	-0.0199	-2.5 to 2.5	Pass	
50	3.85	-36.850	-0.0193	-2.5 to 2.5	Pass				

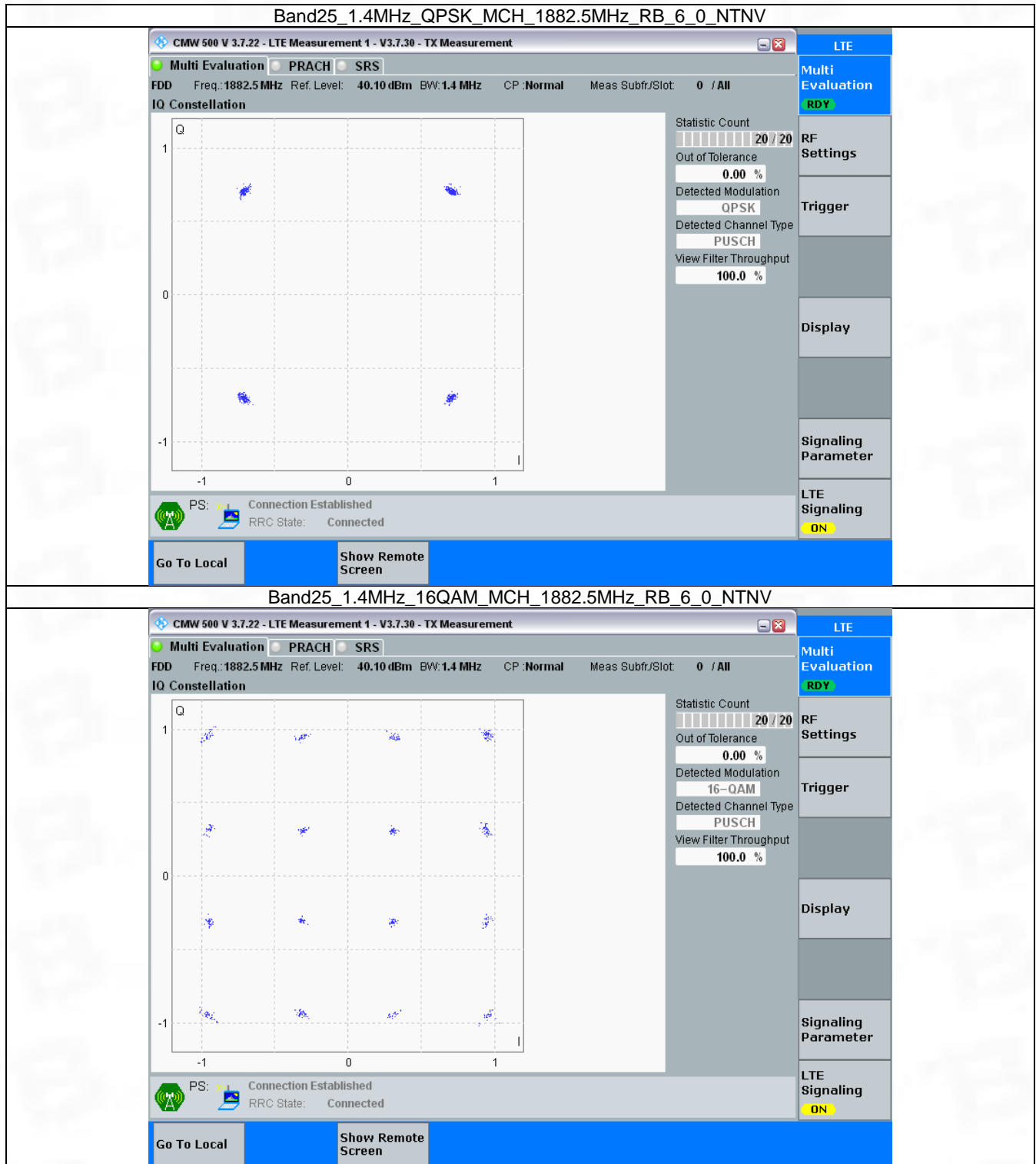
### 3. Modulation Characteristics

#### 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



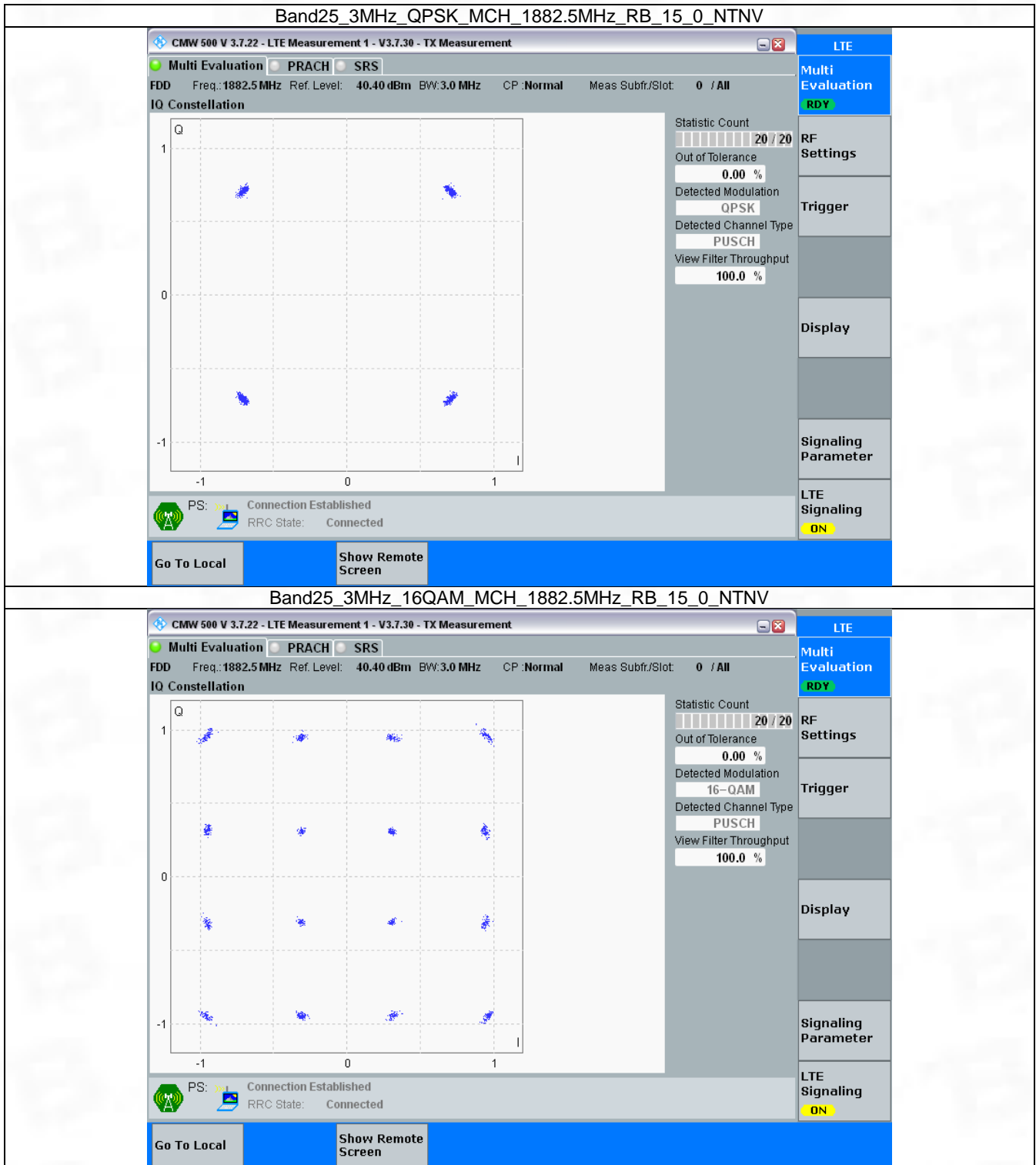
## 3.2 B25\_3MHz

### 3.2.1 Test Result

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



### 3.2.2 Test Graph

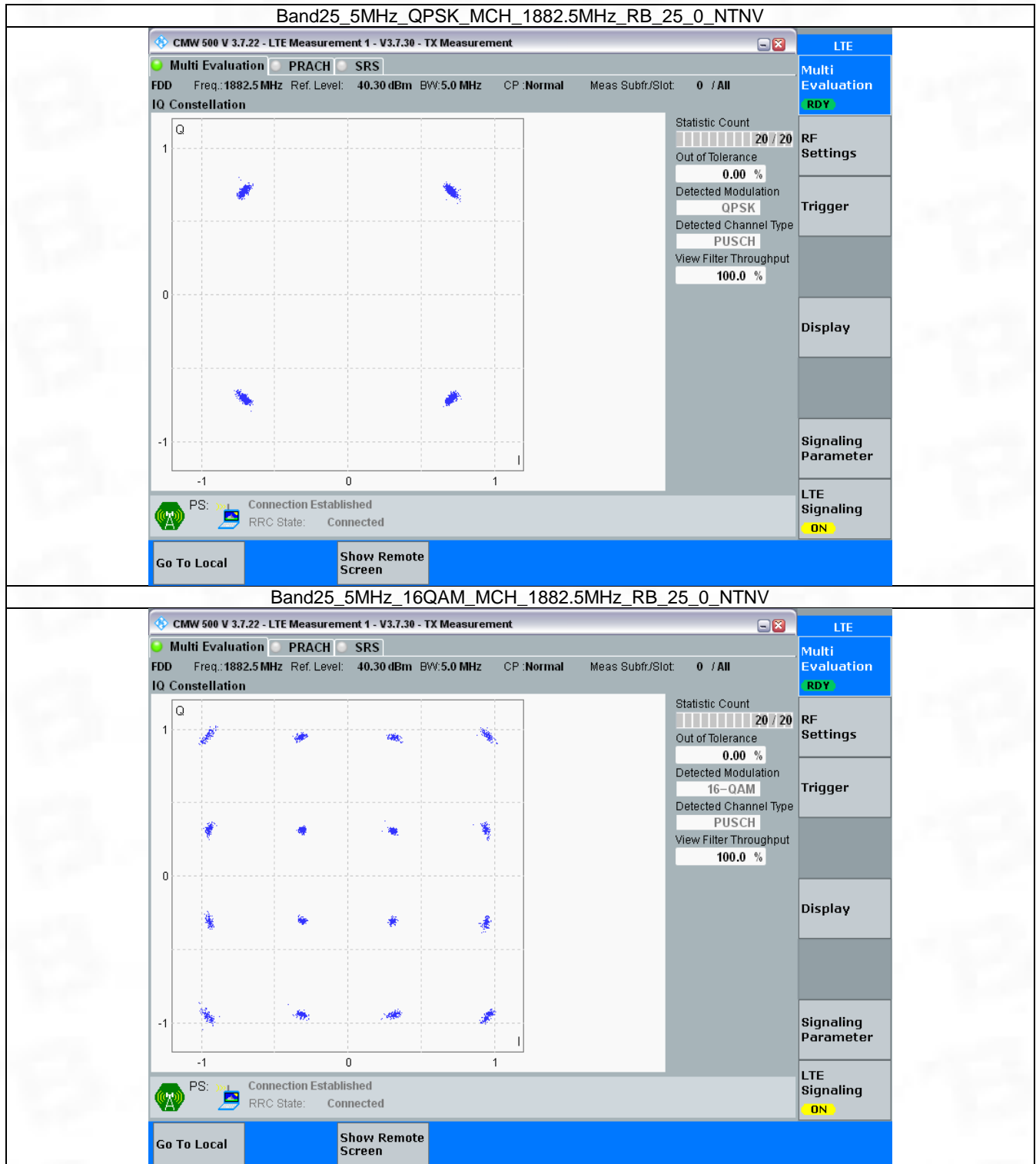


### 3.3 B25\_5MHz

#### 3.3.1 Test Result

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

### 3.3.2 Test Graph

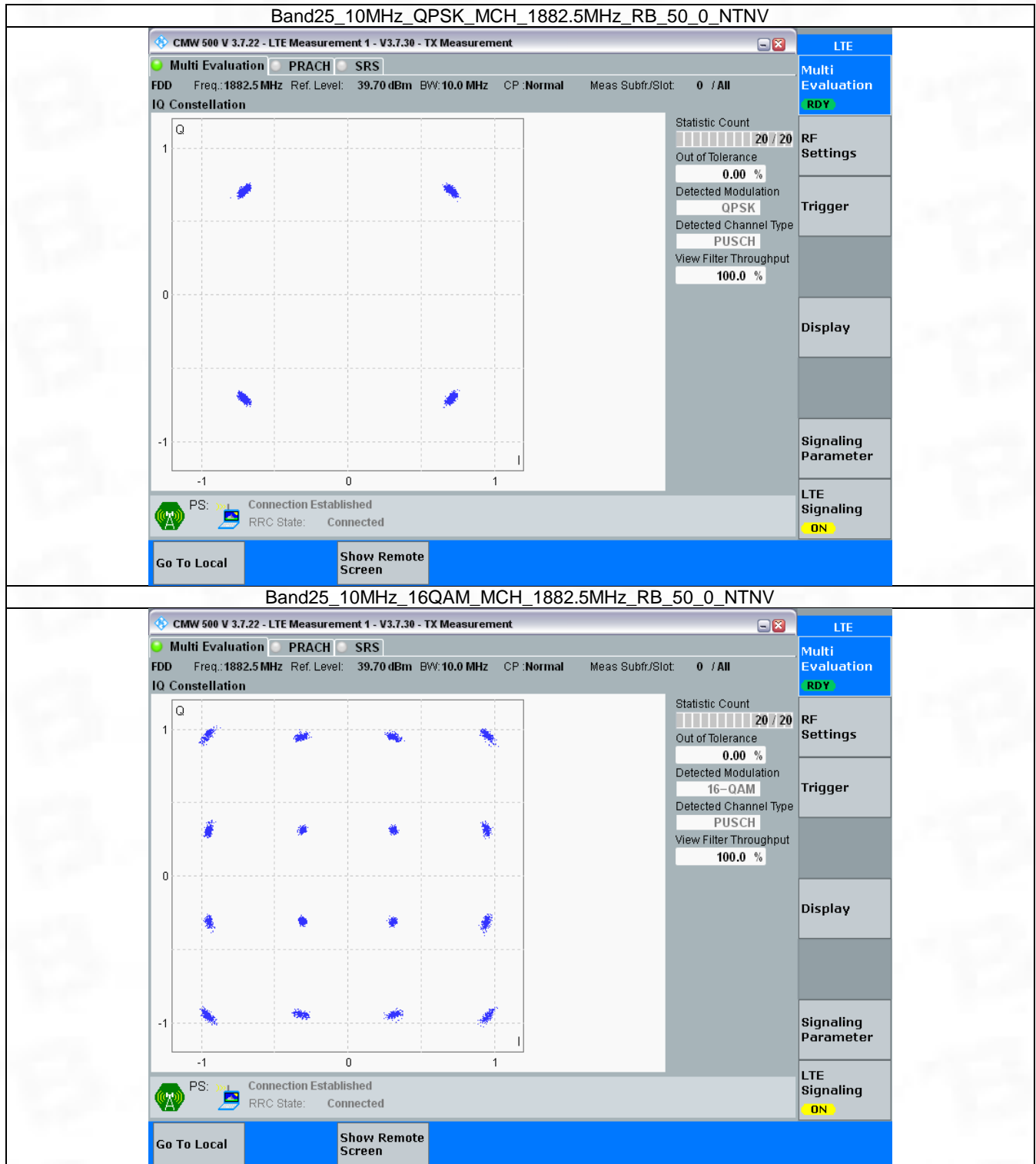


### 3.4 B25\_10MHz

#### 3.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / 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

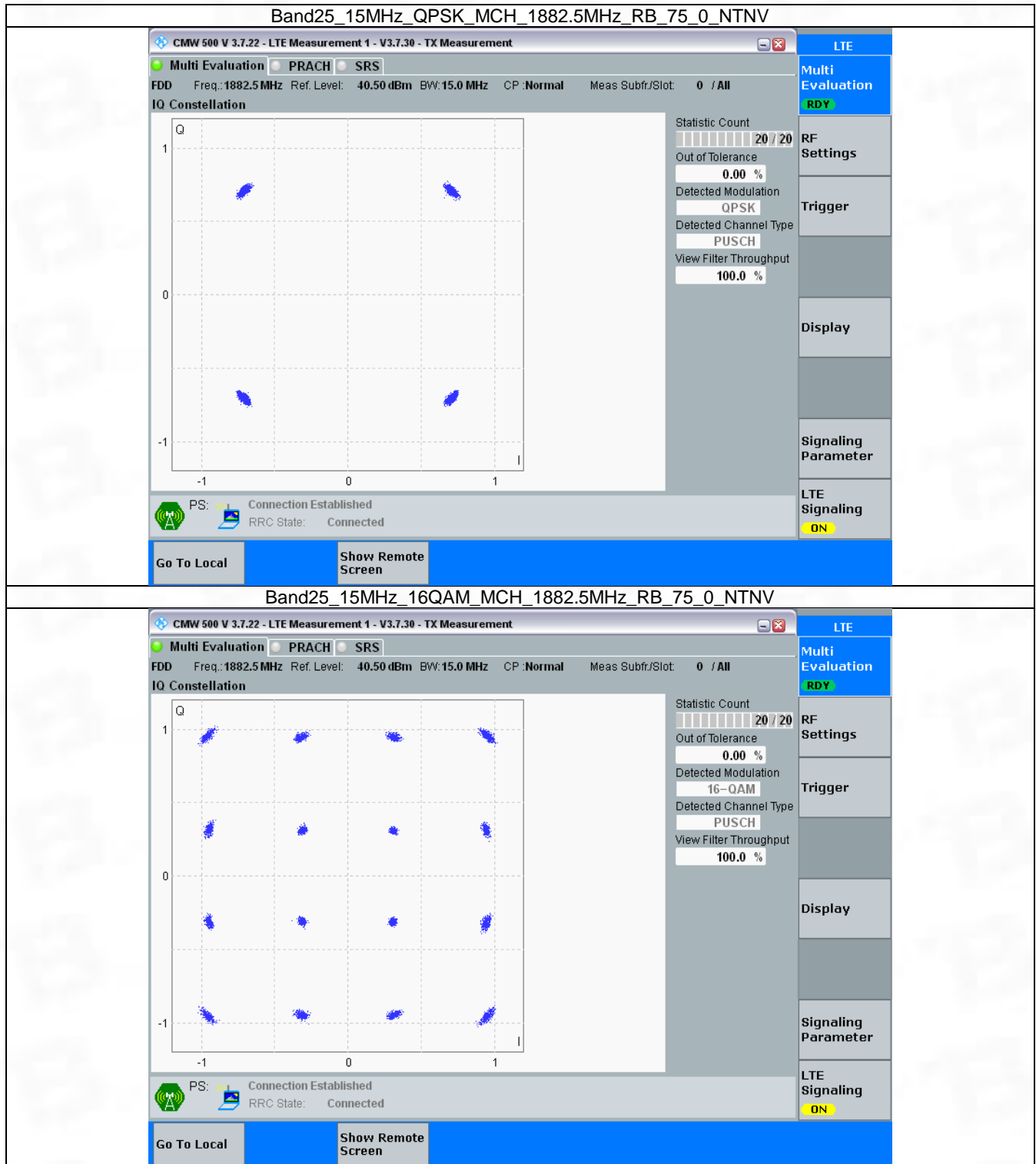


### 3.5 B25\_15MHz

#### 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



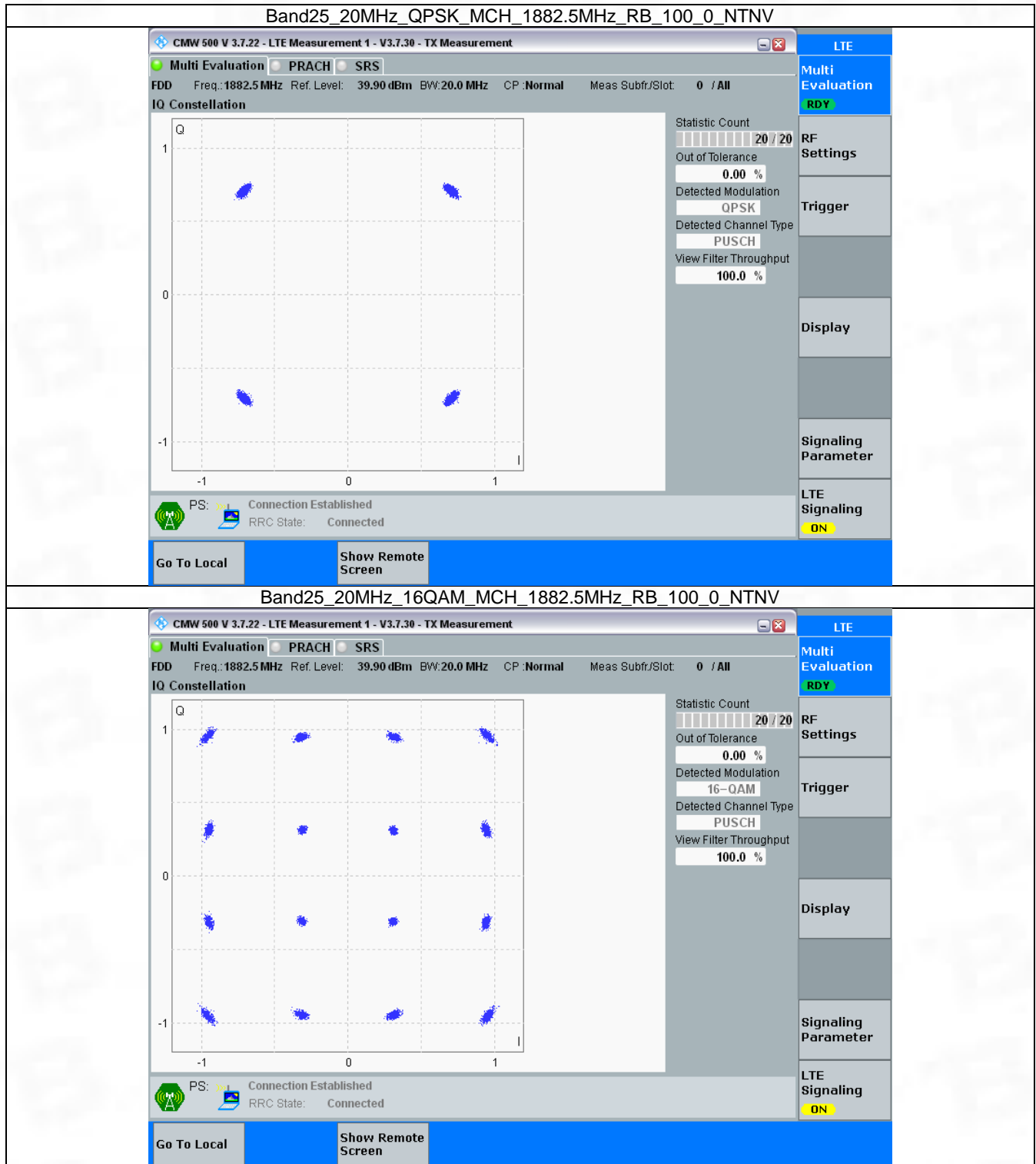
### 3.6 B25\_20MHz

#### 3.6.1 Test Result

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



### 3.6.2 Test Graph



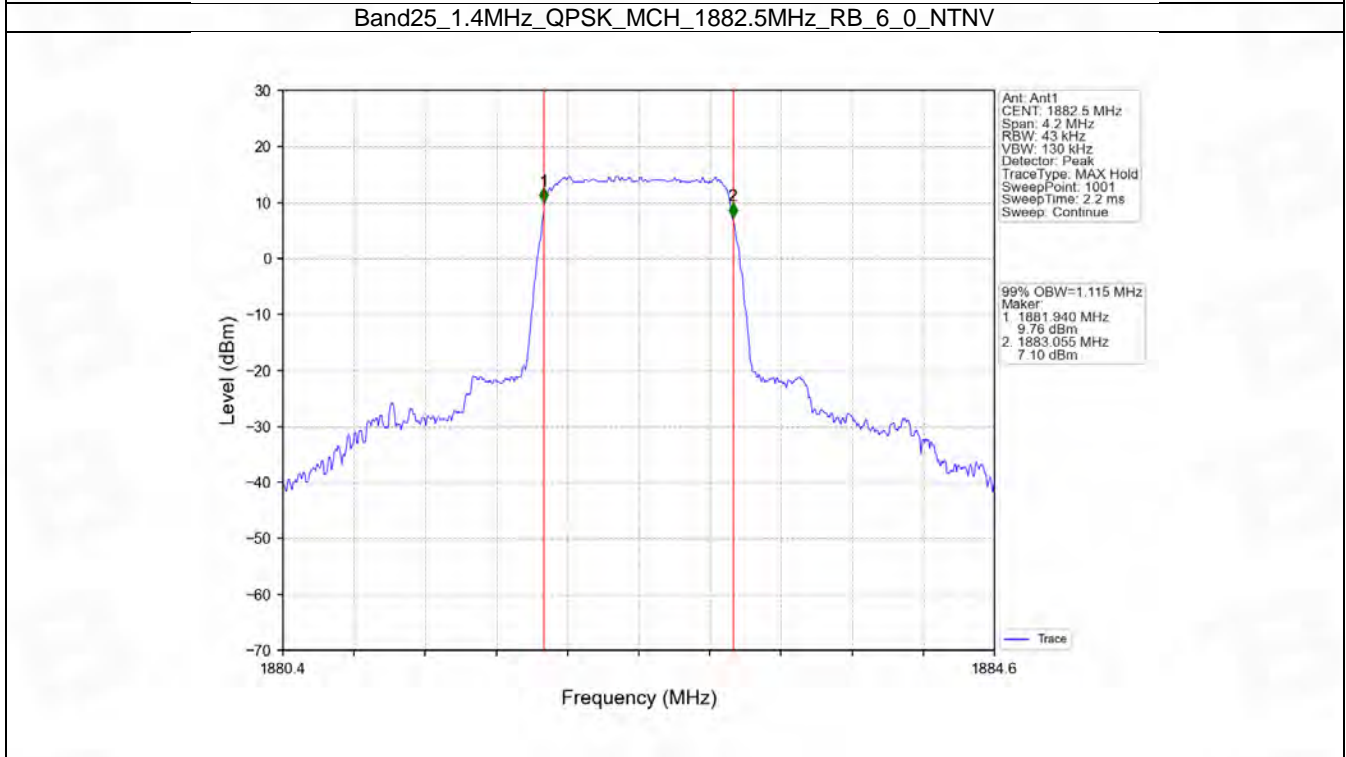
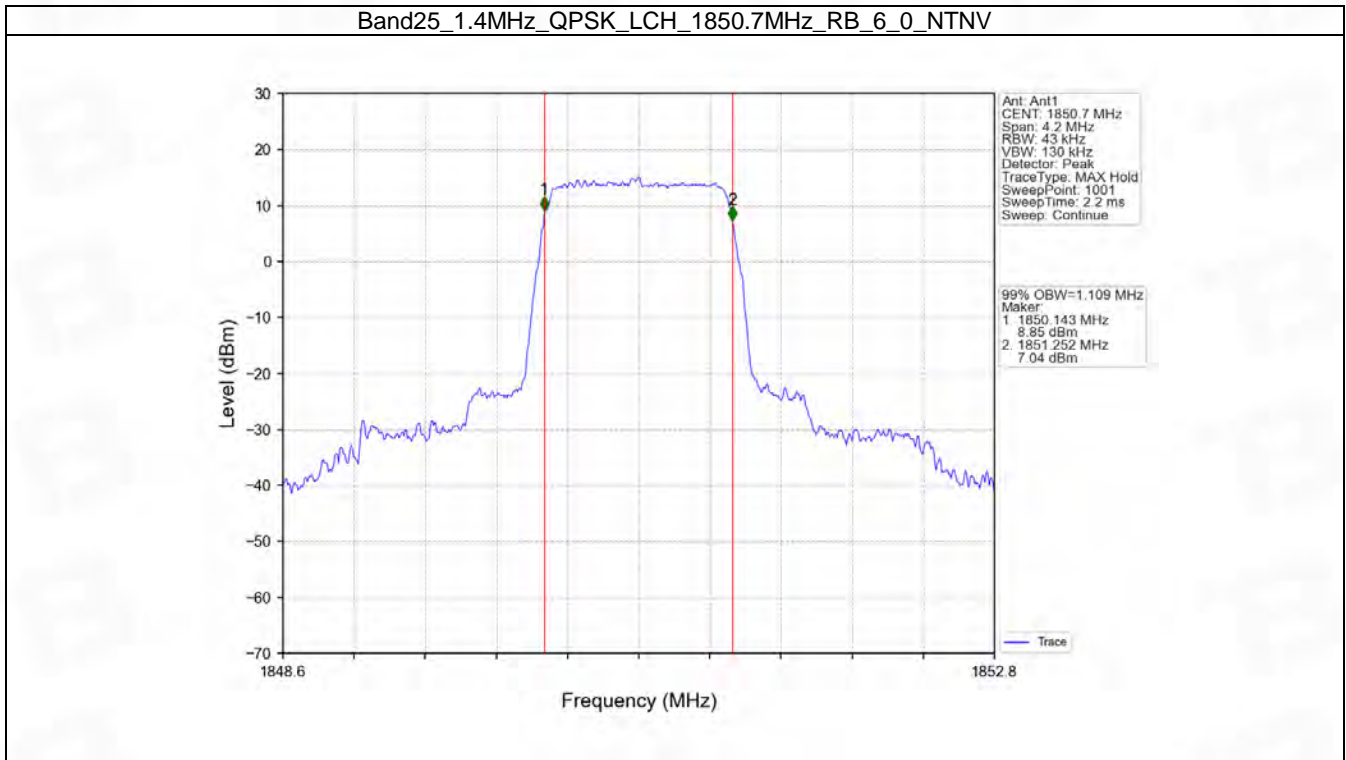
## 4. 99% & 26dB Bandwidth

### 4.1 Band25\_OBW

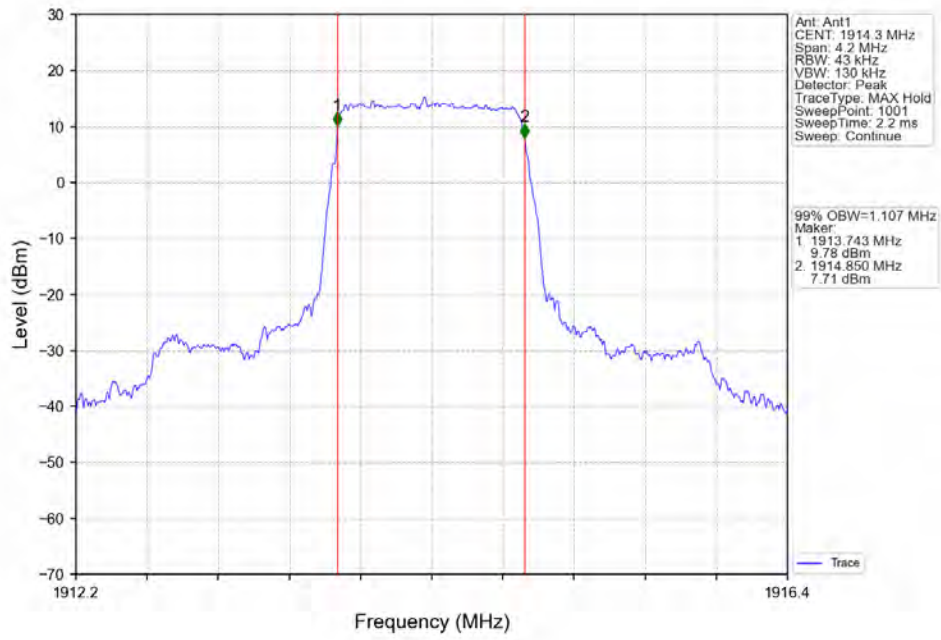
#### 4.1.1 Test Result

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.109	/	Pass
		1882.5	6	0	1.115	/	Pass
		1914.3	6	0	1.107	/	Pass
	16QAM	1850.7	6	0	1.109	/	Pass
		1882.5	6	0	1.118	/	Pass
		1914.3	6	0	1.111	/	Pass
3	QPSK	1851.5	15	0	2.755	/	Pass
		1882.5	15	0	2.762	/	Pass
		1913.5	15	0	2.759	/	Pass
	16QAM	1851.5	15	0	2.762	/	Pass
		1882.5	15	0	2.766	/	Pass
		1913.5	15	0	2.752	/	Pass
5	QPSK	1852.5	25	0	4.564	/	Pass
		1882.5	25	0	4.551	/	Pass
		1912.5	25	0	4.554	/	Pass
	16QAM	1852.5	25	0	4.557	/	Pass
		1882.5	25	0	4.554	/	Pass
		1912.5	25	0	4.575	/	Pass
10	QPSK	1855	50	0	9.079	/	Pass
		1882.5	50	0	9.046	/	Pass
		1910	50	0	9.046	/	Pass
	16QAM	1855	50	0	9.084	/	Pass
		1882.5	50	0	9.056	/	Pass
		1910	50	0	9.056	/	Pass
15	QPSK	1857.5	75	0	13.600	/	Pass
		1882.5	75	0	13.656	/	Pass
		1907.5	75	0	13.565	/	Pass
	16QAM	1857.5	75	0	13.570	/	Pass
		1882.5	75	0	13.654	/	Pass
		1907.5	75	0	13.629	/	Pass
20	QPSK	1860	100	0	18.114	/	Pass
		1882.5	100	0	18.257	/	Pass
		1905	100	0	18.150	/	Pass
	16QAM	1860	100	0	18.150	/	Pass
		1882.5	100	0	18.224	/	Pass
		1905	100	0	18.115	/	Pass

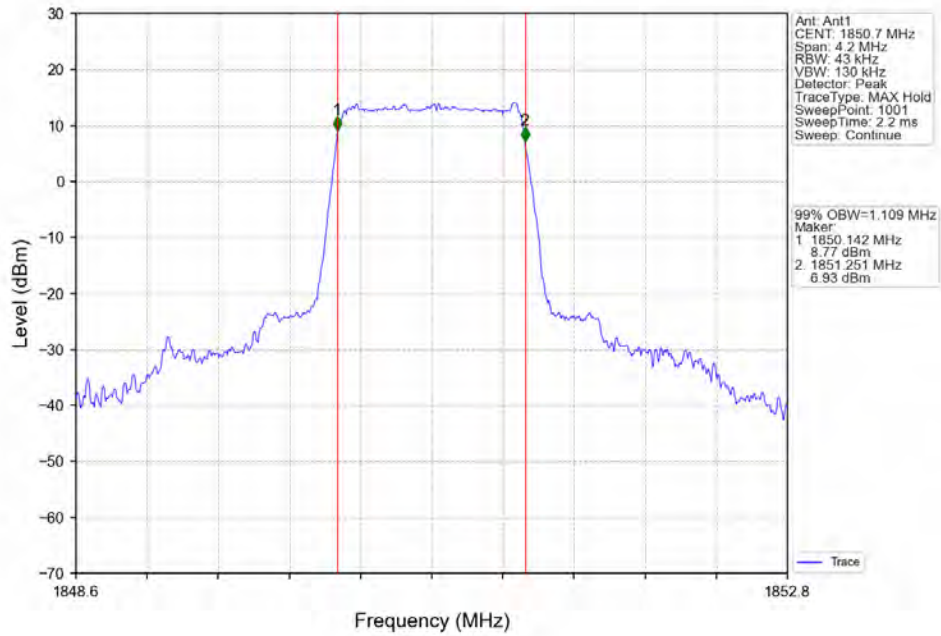
### 4.1.2 Test Graph



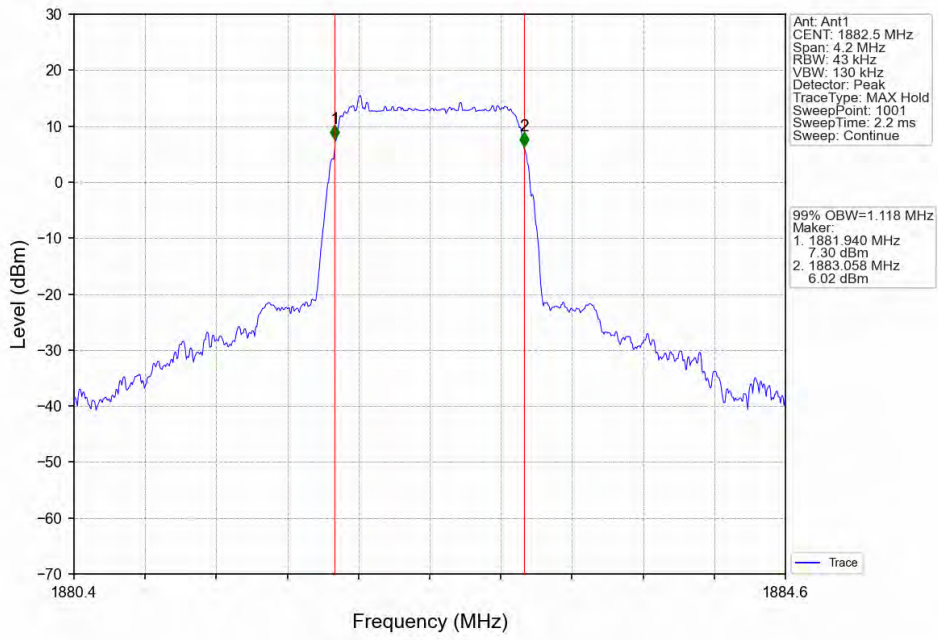
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



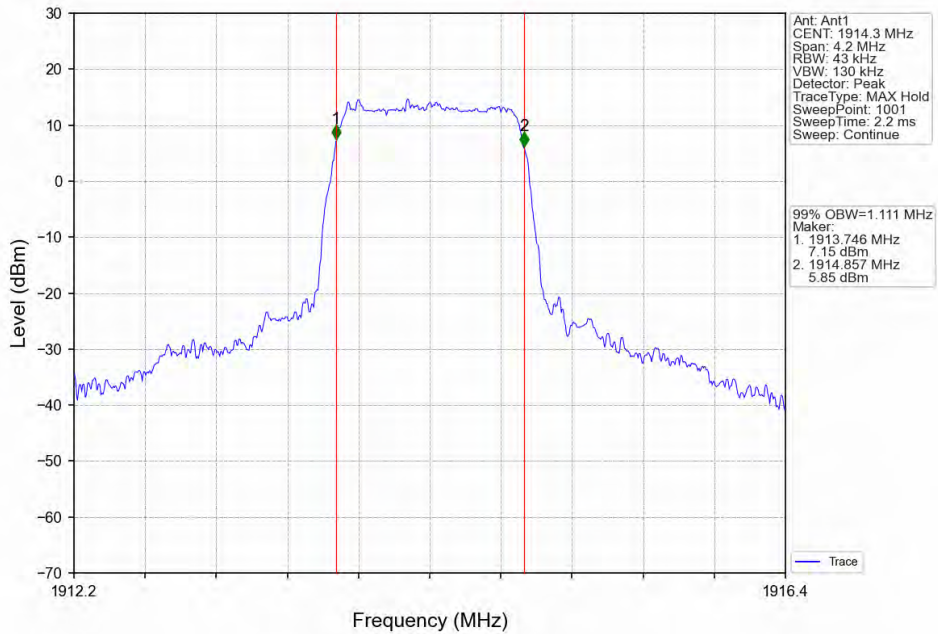
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



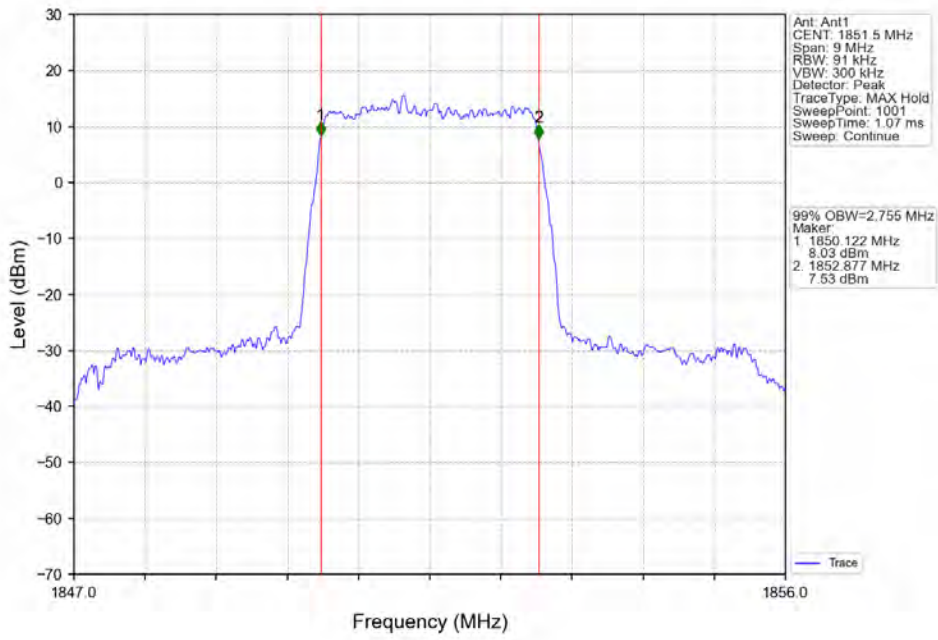
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_6\_0\_NTNV



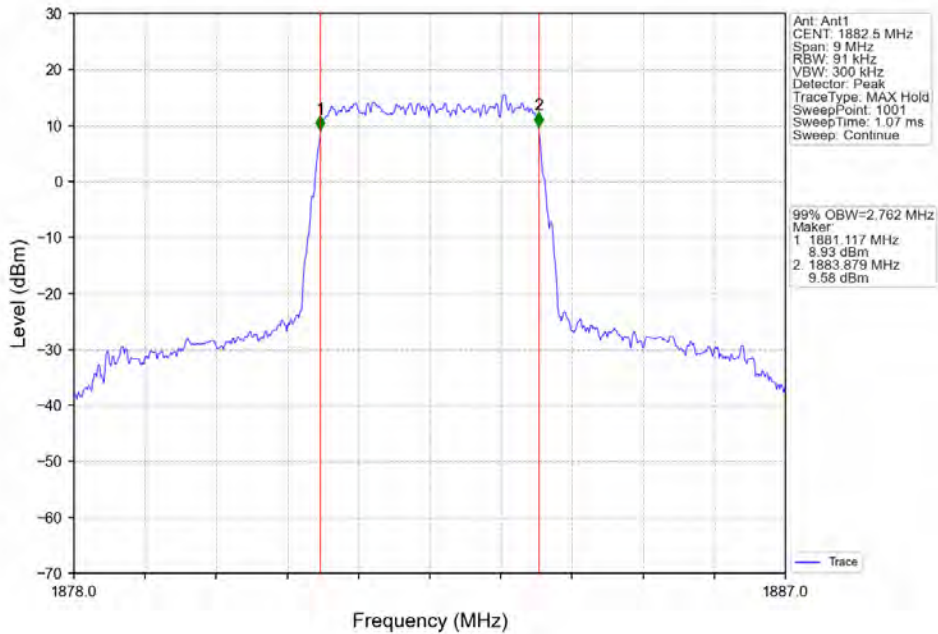
Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



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

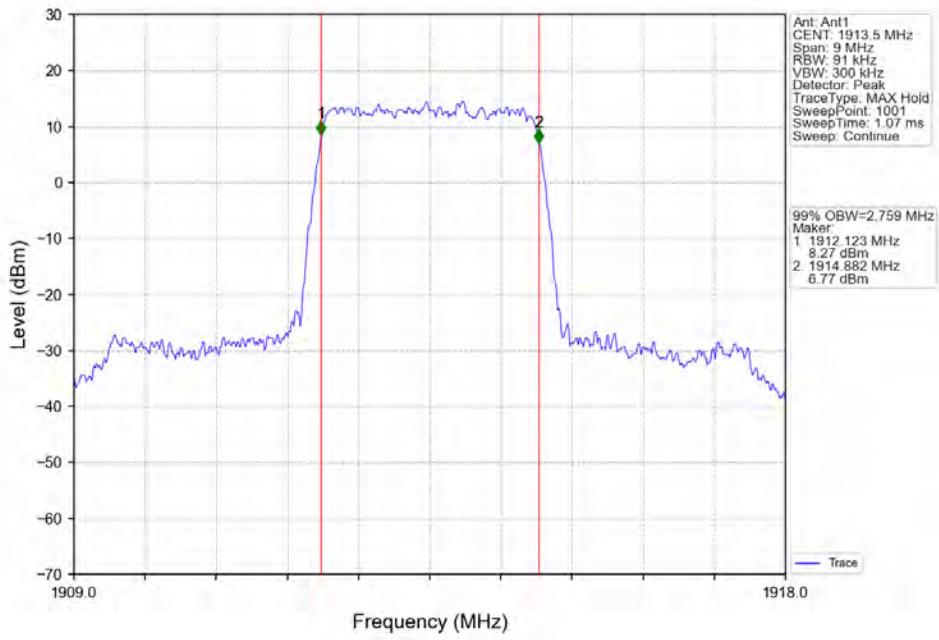


Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV

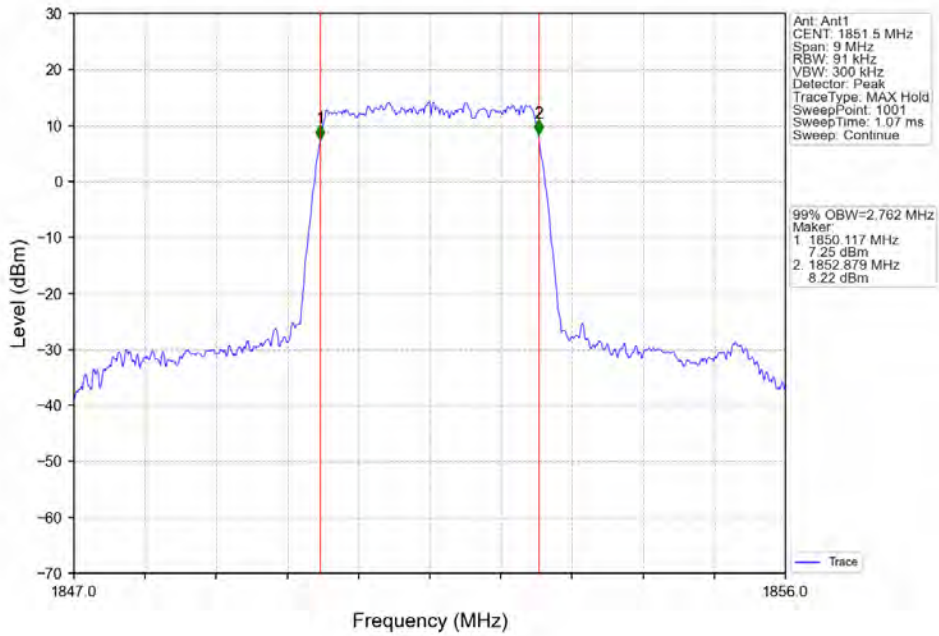




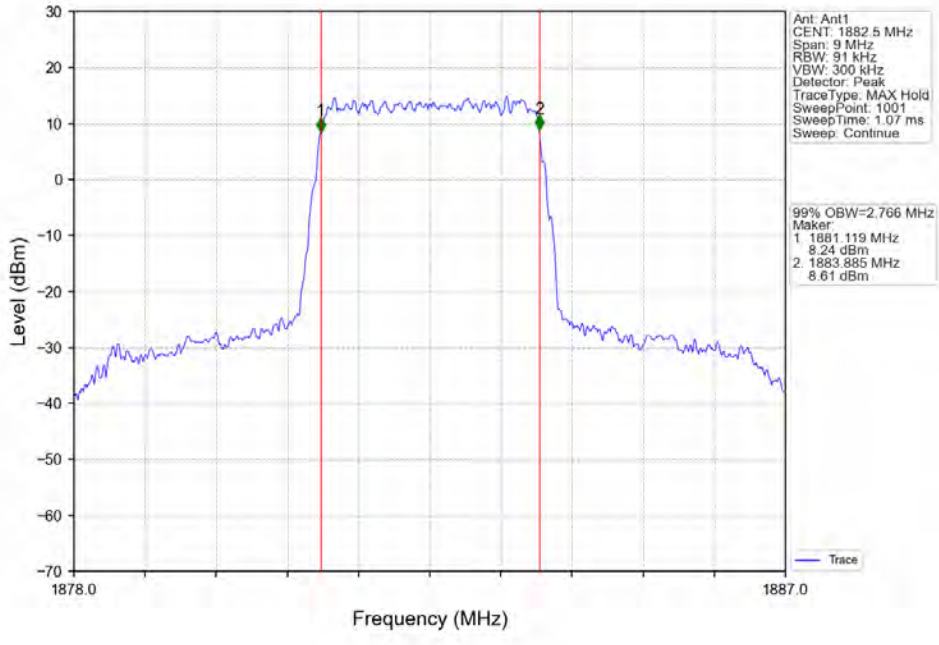
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



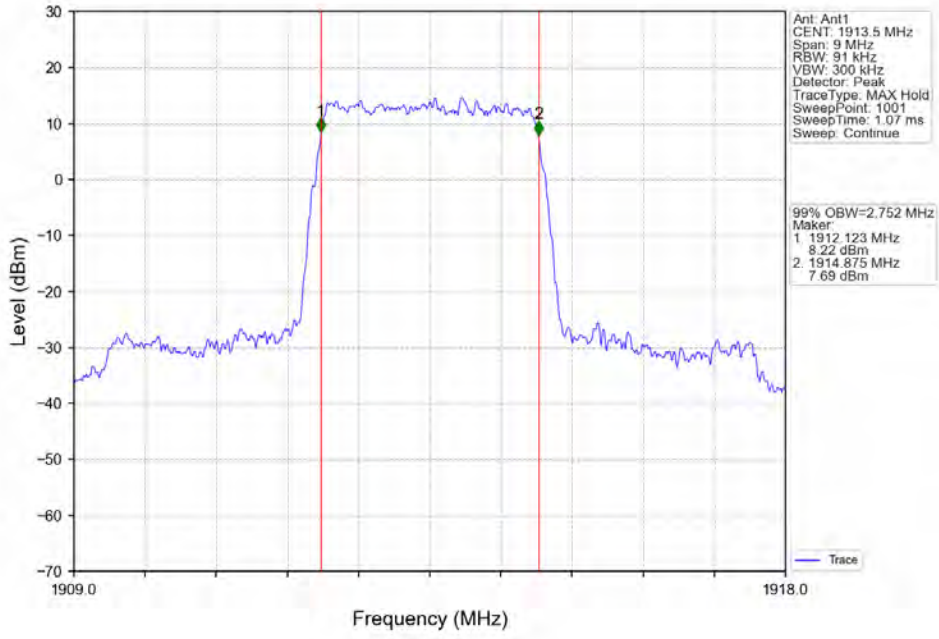
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



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

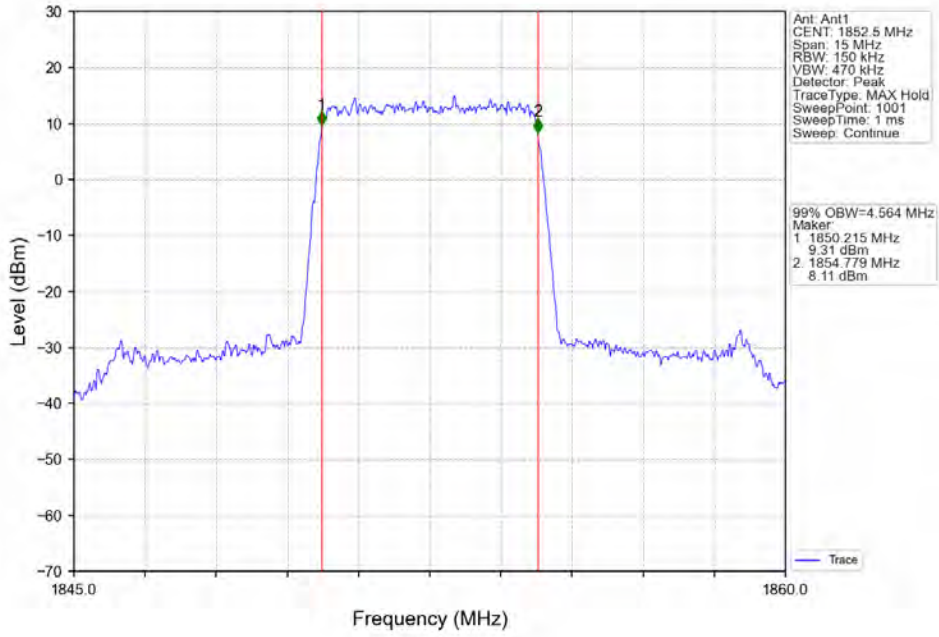


Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV

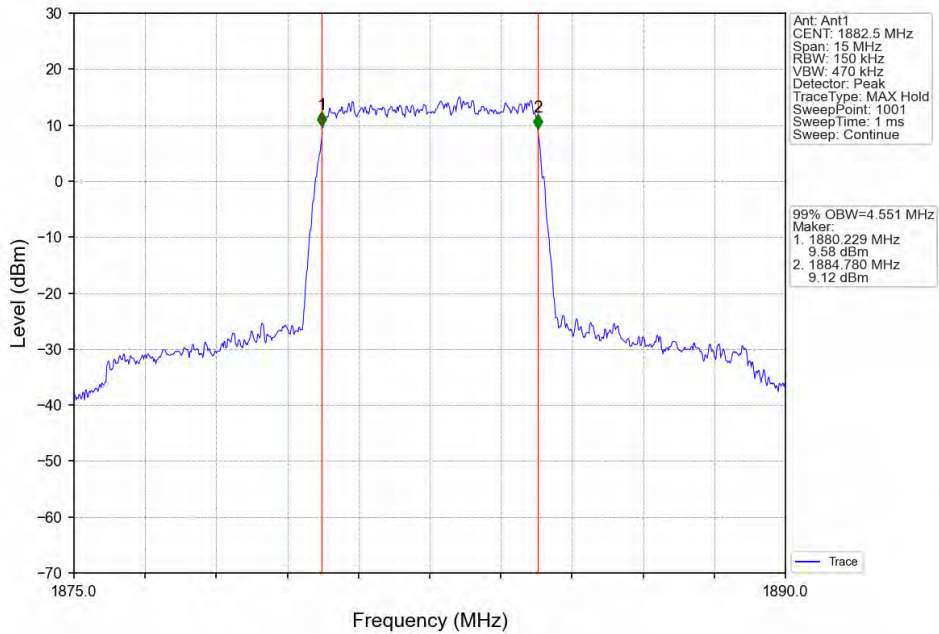




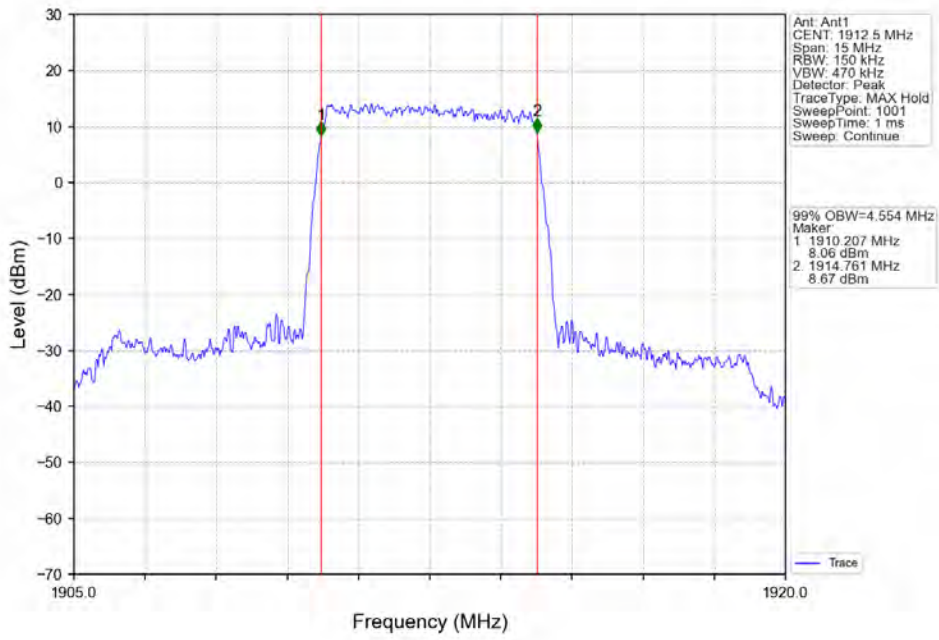
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



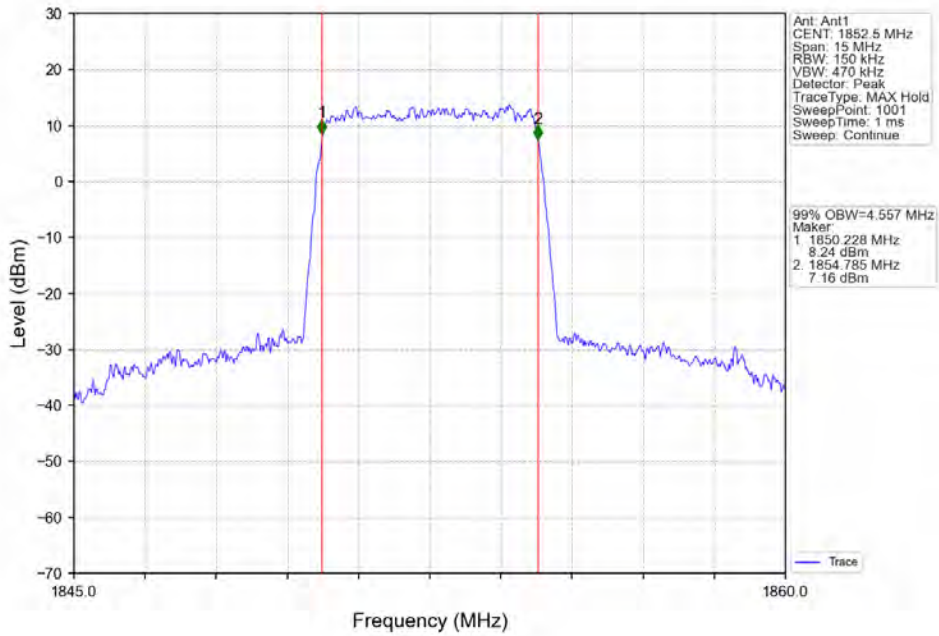
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



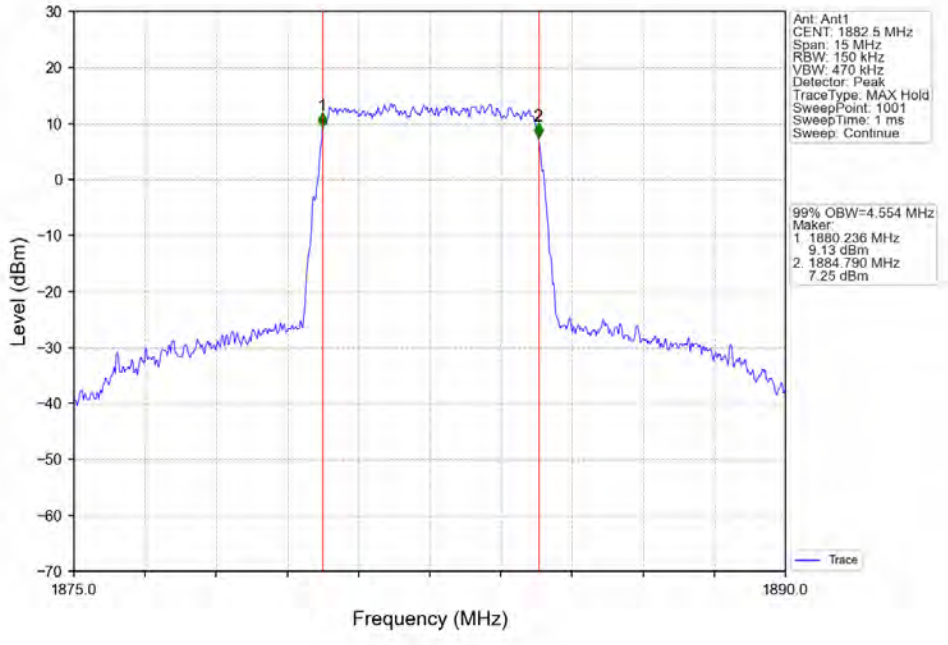
Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



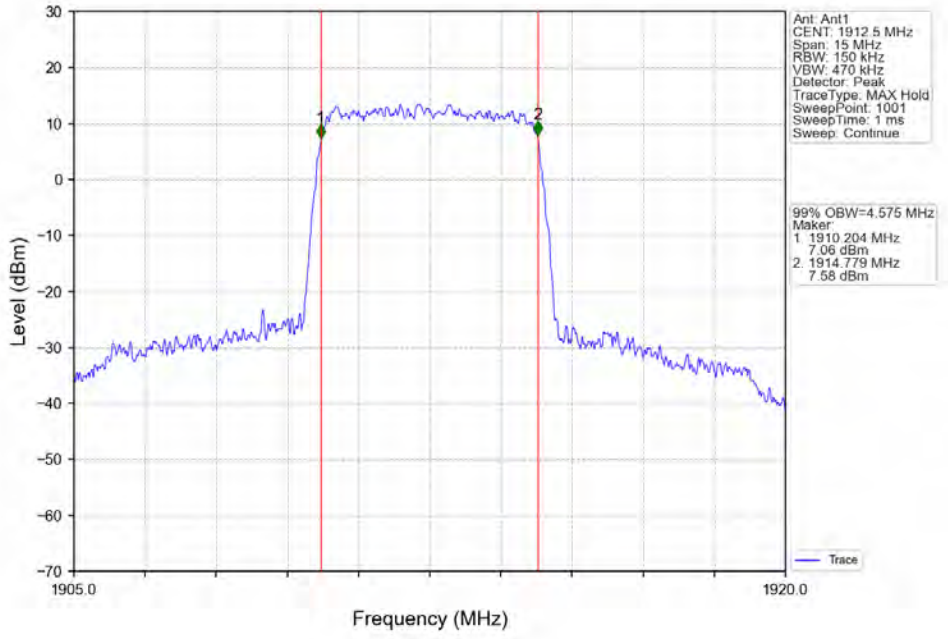
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



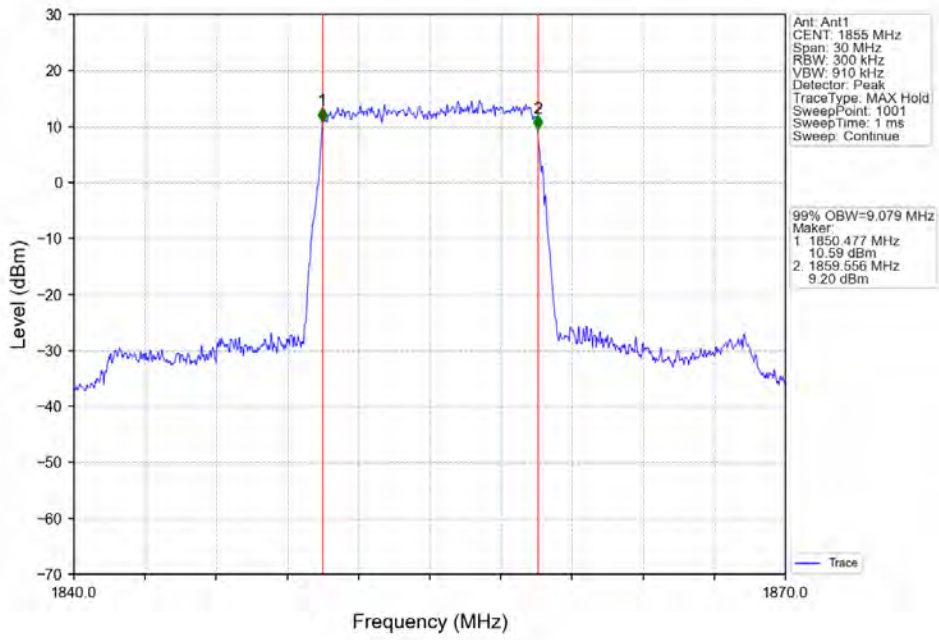
Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



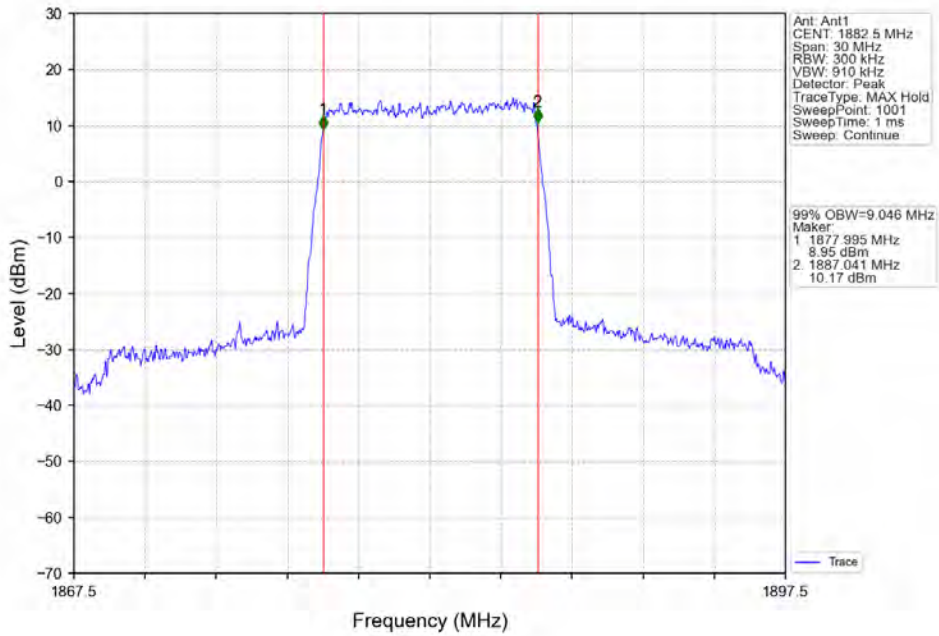
Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



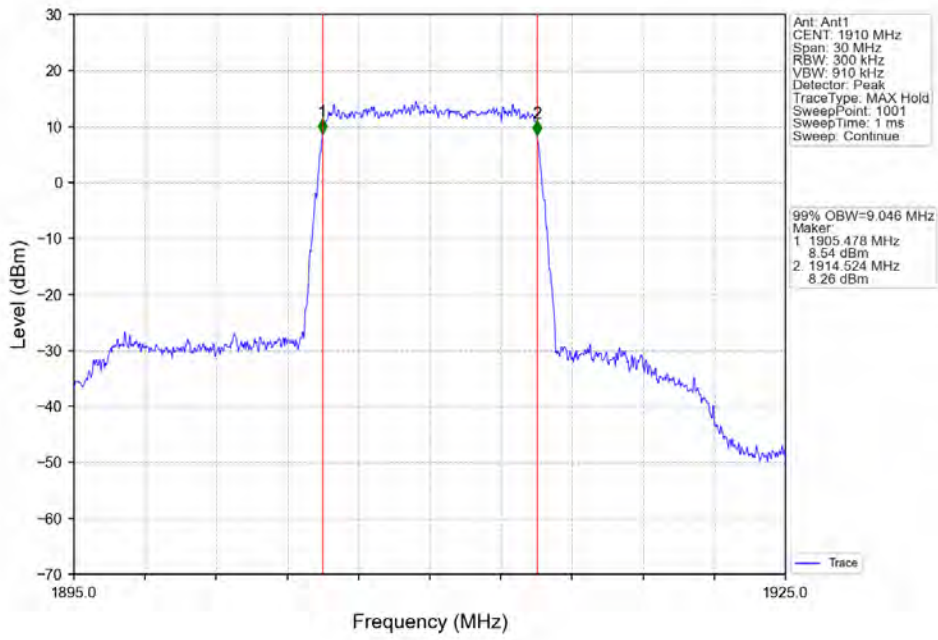
Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



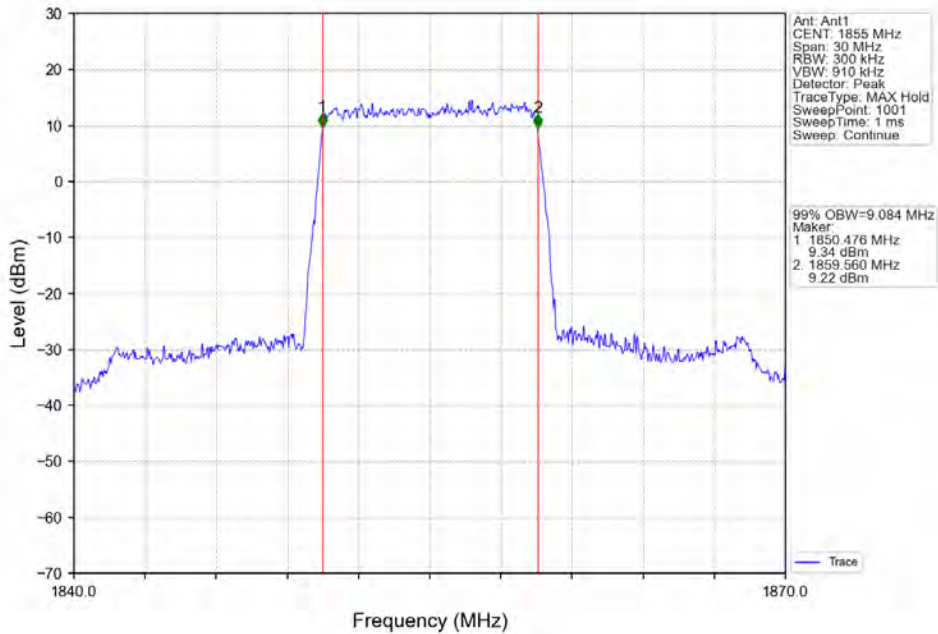
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



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

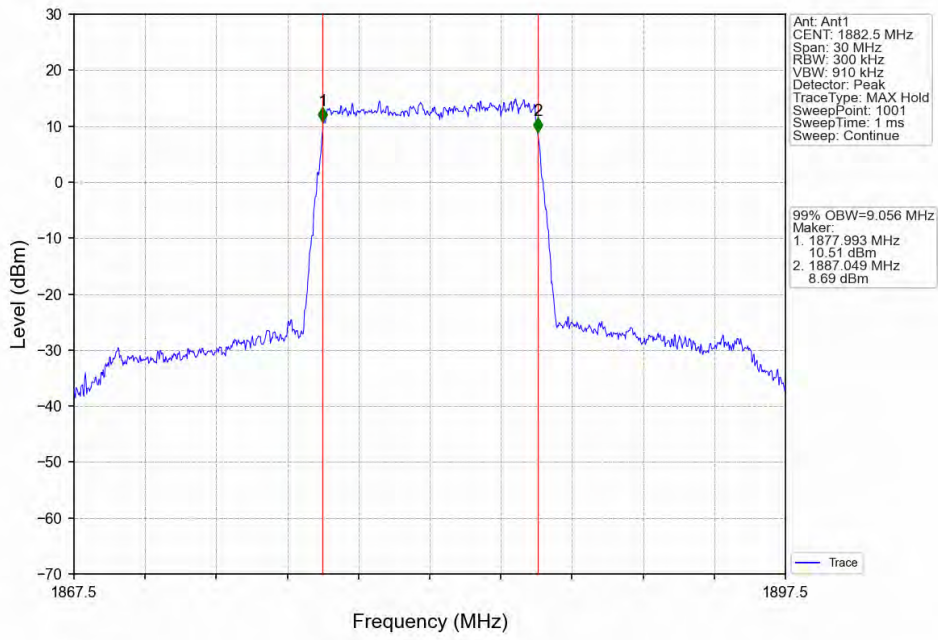


Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV

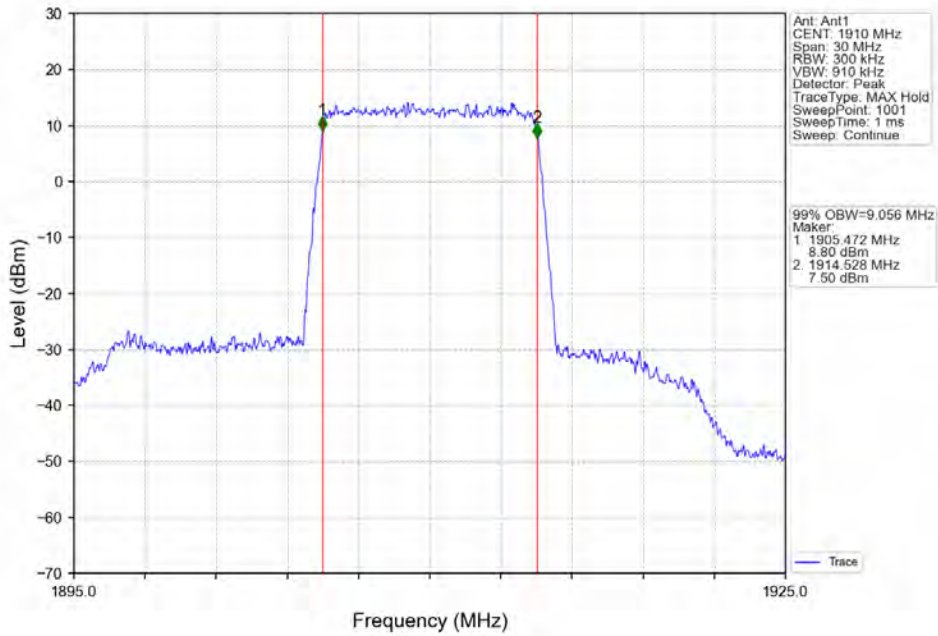




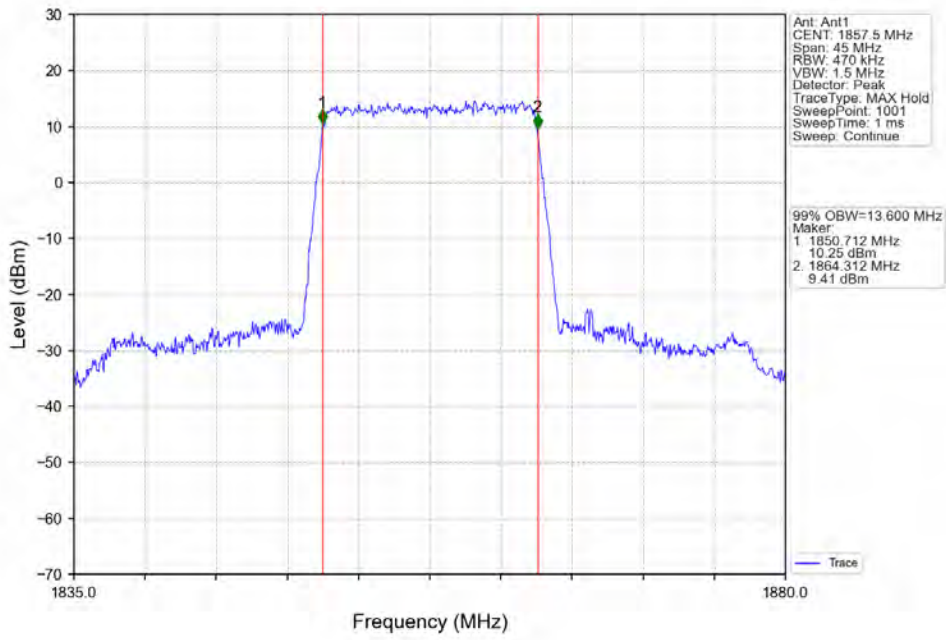
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



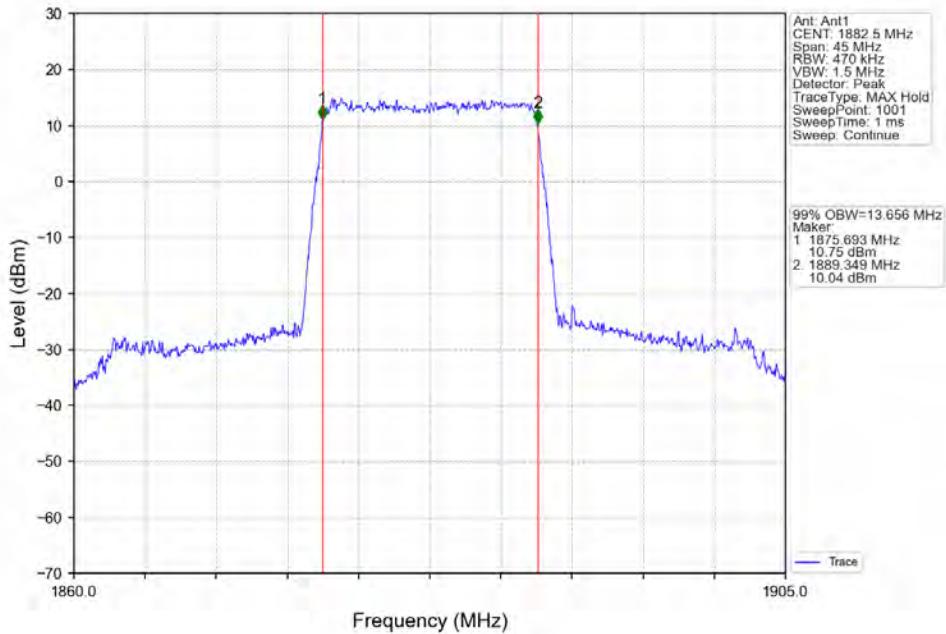
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_50\_0\_NTNV



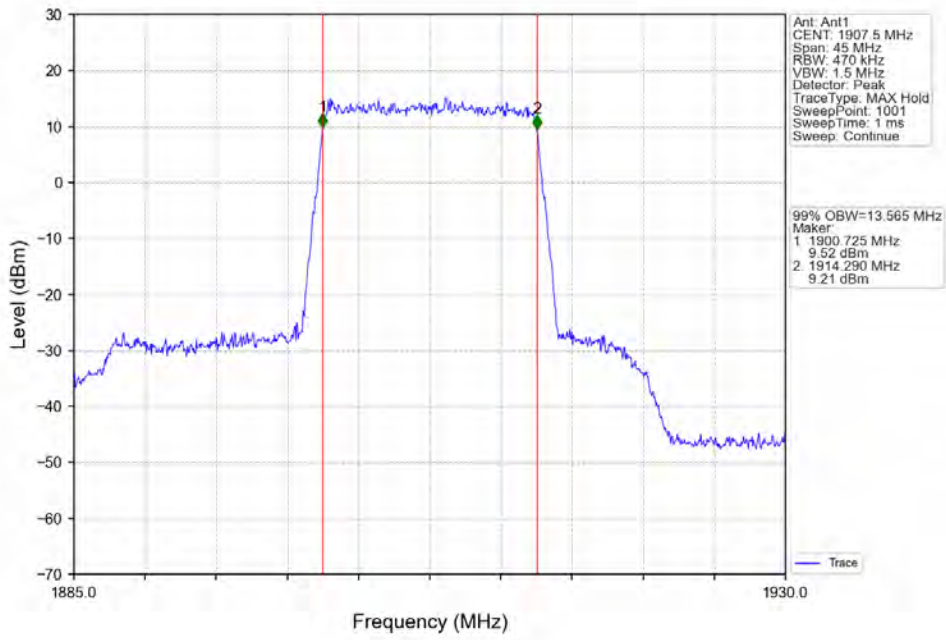
Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



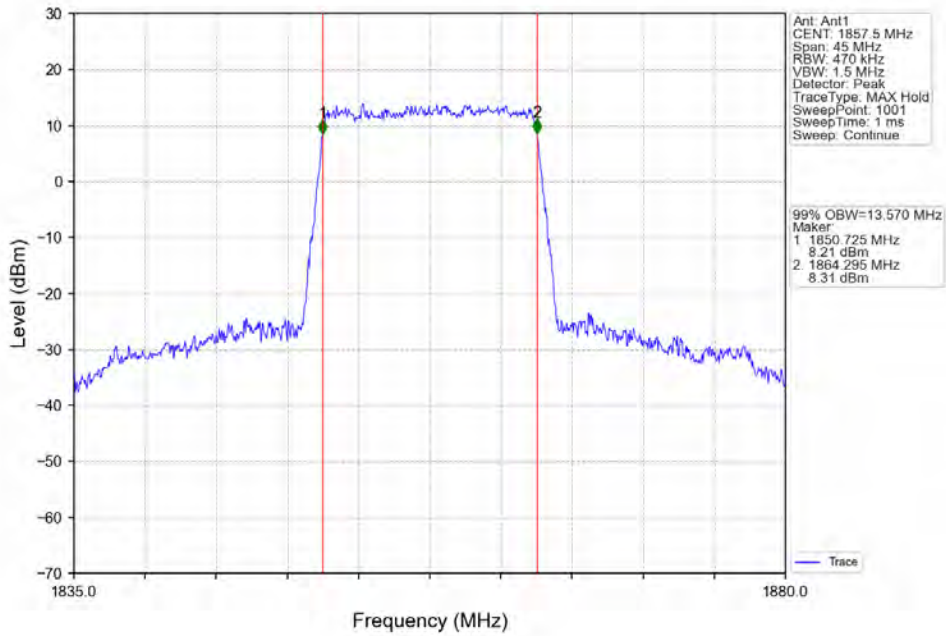
Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



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

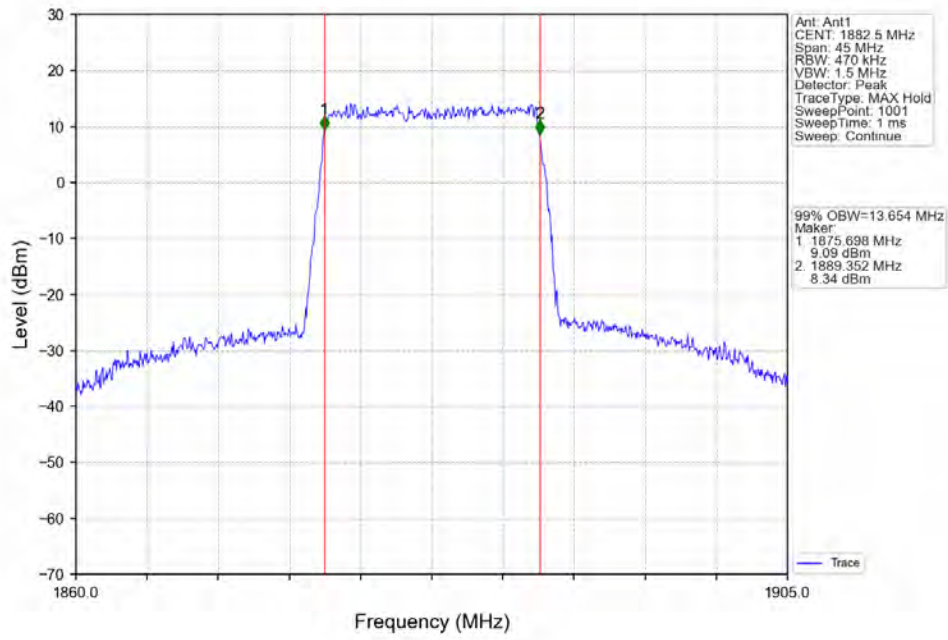


Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

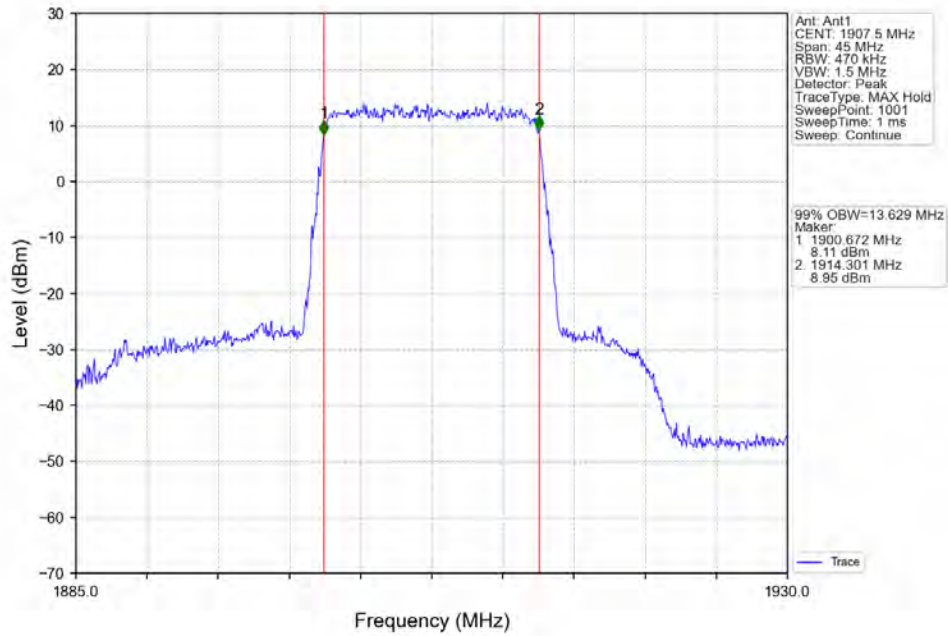




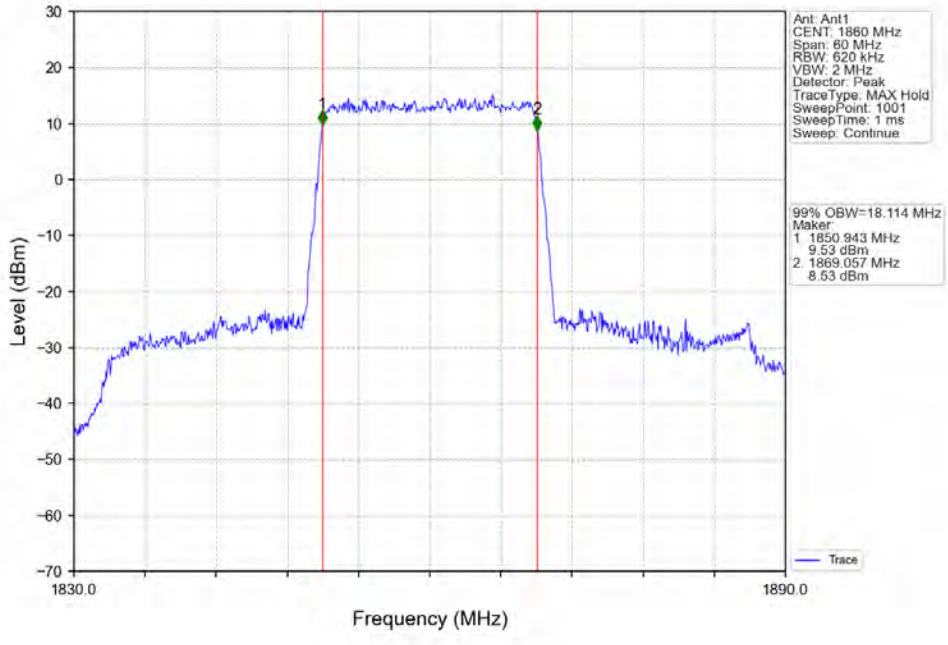
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



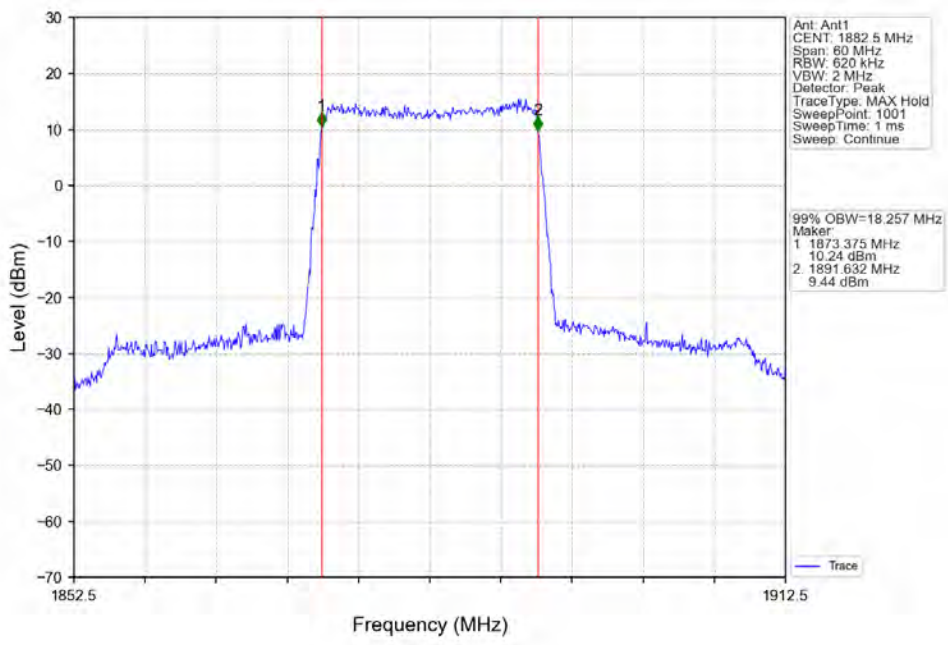
Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



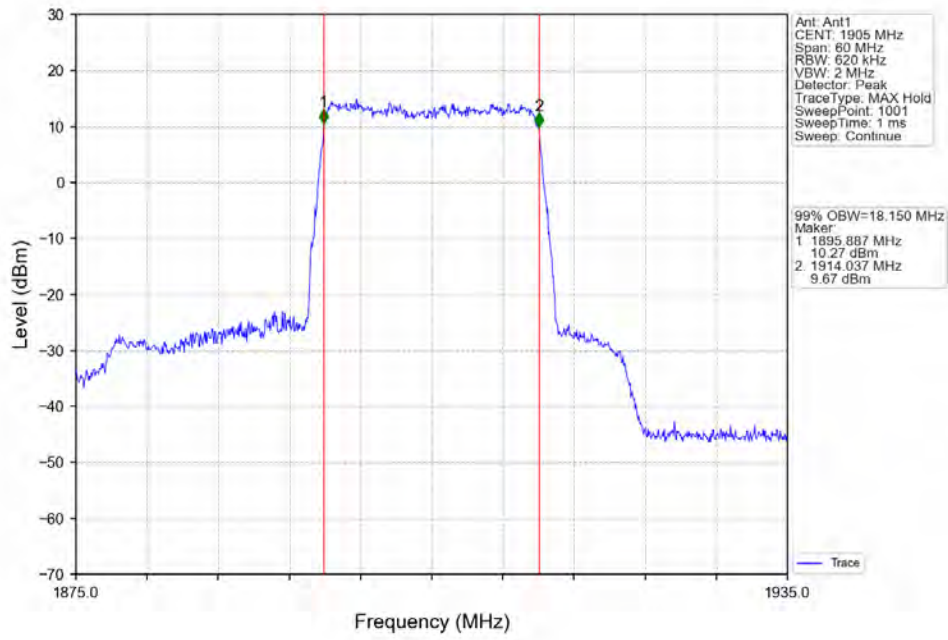
Band25\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



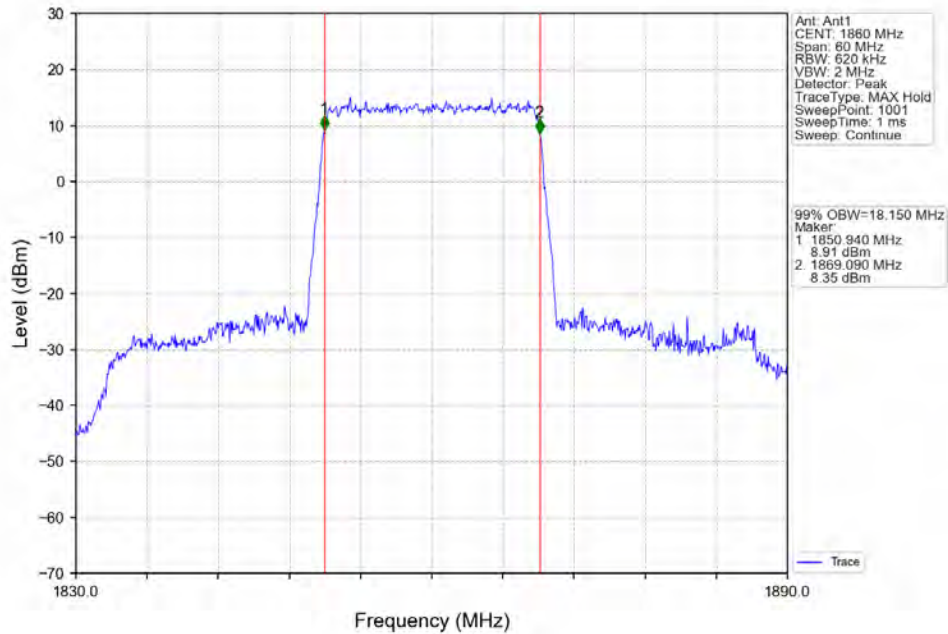
Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV



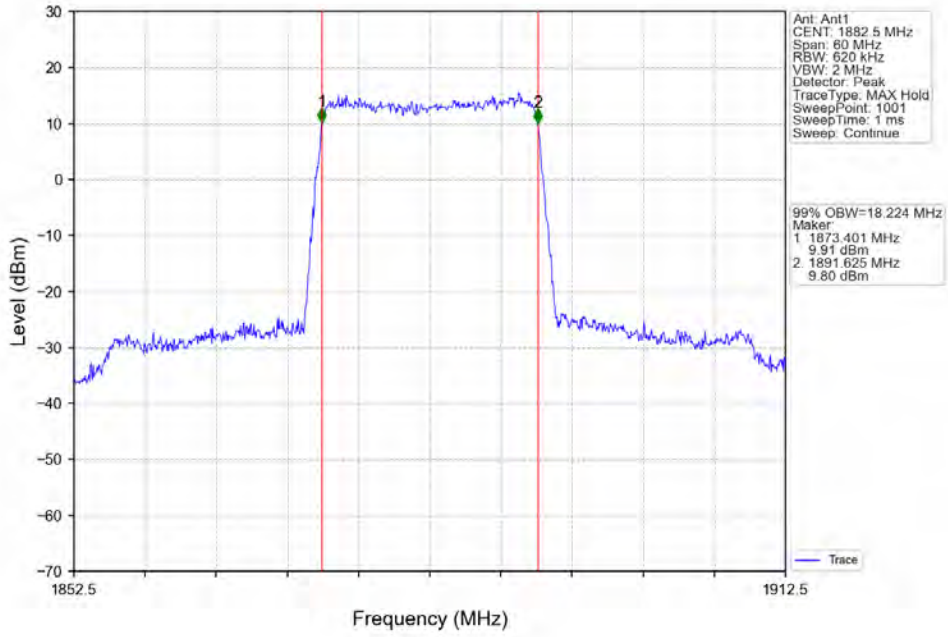
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV



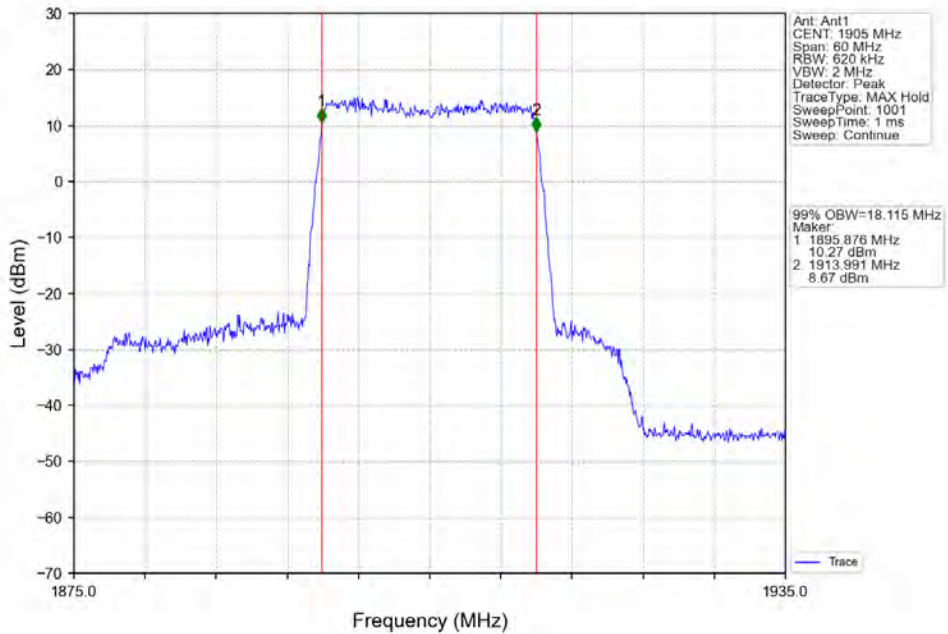
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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

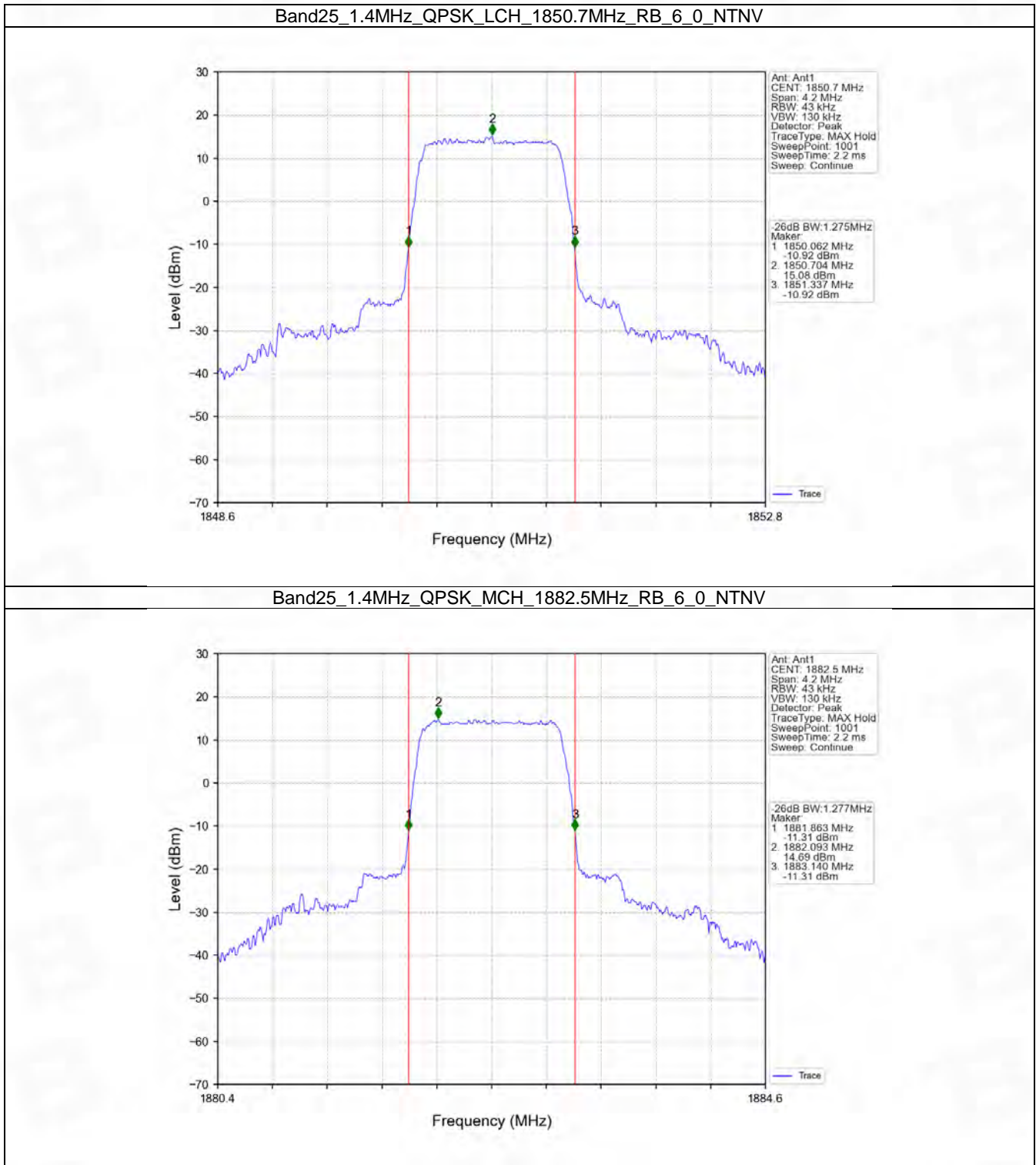


## 4.2 Band25\_XDB

### 4.2.1 Test Result

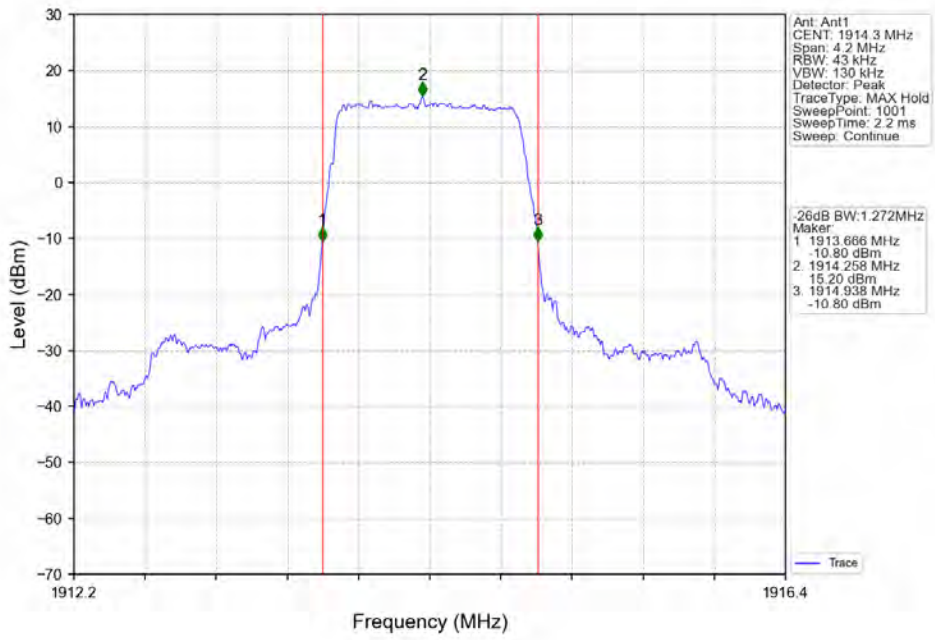
Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.275	/	Pass
		1882.5	6	0	1.277	/	Pass
		1914.3	6	0	1.272	/	Pass
	16QAM	1850.7	6	0	1.272	/	Pass
		1882.5	6	0	1.277	/	Pass
		1914.3	6	0	1.277	/	Pass
3	QPSK	1851.5	15	0	3.097	/	Pass
		1882.5	15	0	3.110	/	Pass
		1913.5	15	0	3.107	/	Pass
	16QAM	1851.5	15	0	3.099	/	Pass
		1882.5	15	0	3.111	/	Pass
		1913.5	15	0	3.103	/	Pass
5	QPSK	1852.5	25	0	5.053	/	Pass
		1882.5	25	0	5.068	/	Pass
		1912.5	25	0	5.061	/	Pass
	16QAM	1852.5	25	0	5.047	/	Pass
		1882.5	25	0	5.052	/	Pass
		1912.5	25	0	5.077	/	Pass
10	QPSK	1855	50	0	10.049	/	Pass
		1882.5	50	0	10.017	/	Pass
		1910	50	0	9.988	/	Pass
	16QAM	1855	50	0	10.053	/	Pass
		1882.5	50	0	10.041	/	Pass
		1910	50	0	10.004	/	Pass
15	QPSK	1857.5	75	0	15.219	/	Pass
		1882.5	75	0	15.213	/	Pass
		1907.5	75	0	15.079	/	Pass
	16QAM	1857.5	75	0	15.183	/	Pass
		1882.5	75	0	15.208	/	Pass
		1907.5	75	0	15.216	/	Pass
20	QPSK	1860	100	0	19.903	/	Pass
		1882.5	100	0	20.055	/	Pass
		1905	100	0	20.148	/	Pass
	16QAM	1860	100	0	19.965	/	Pass
		1882.5	100	0	20.131	/	Pass
		1905	100	0	20.090	/	Pass

## 4.2.2 Test Graph

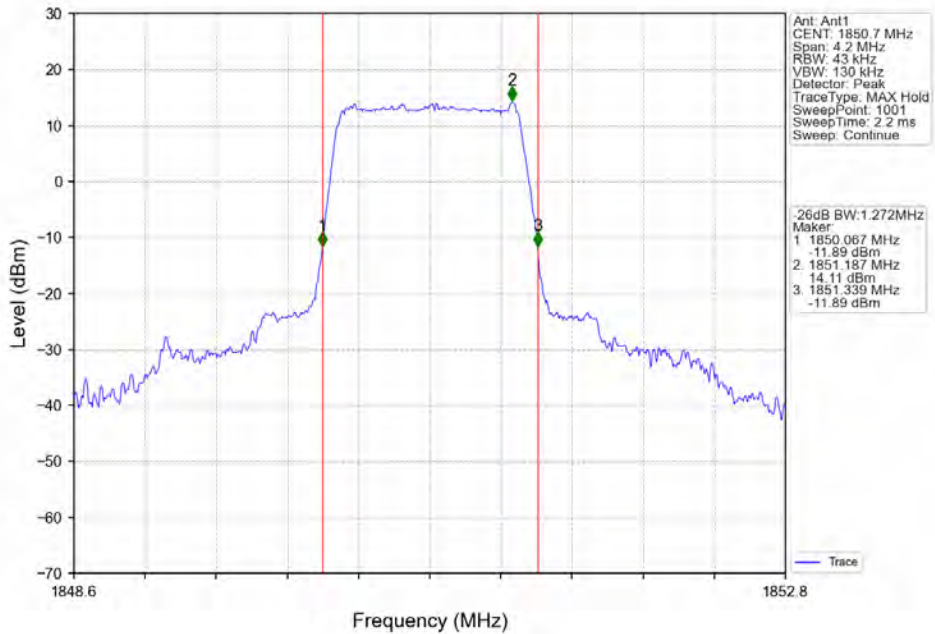




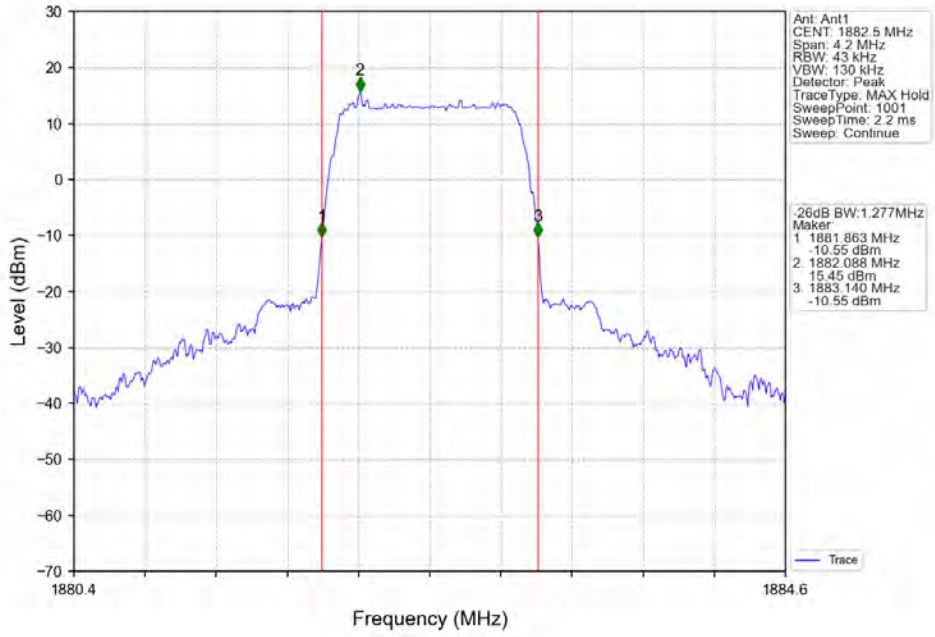
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



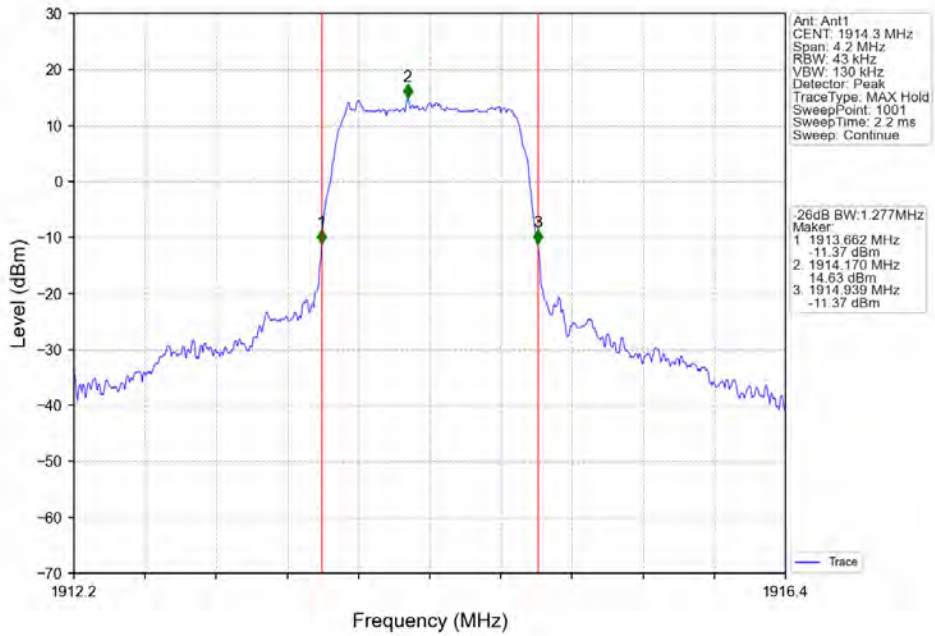
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



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

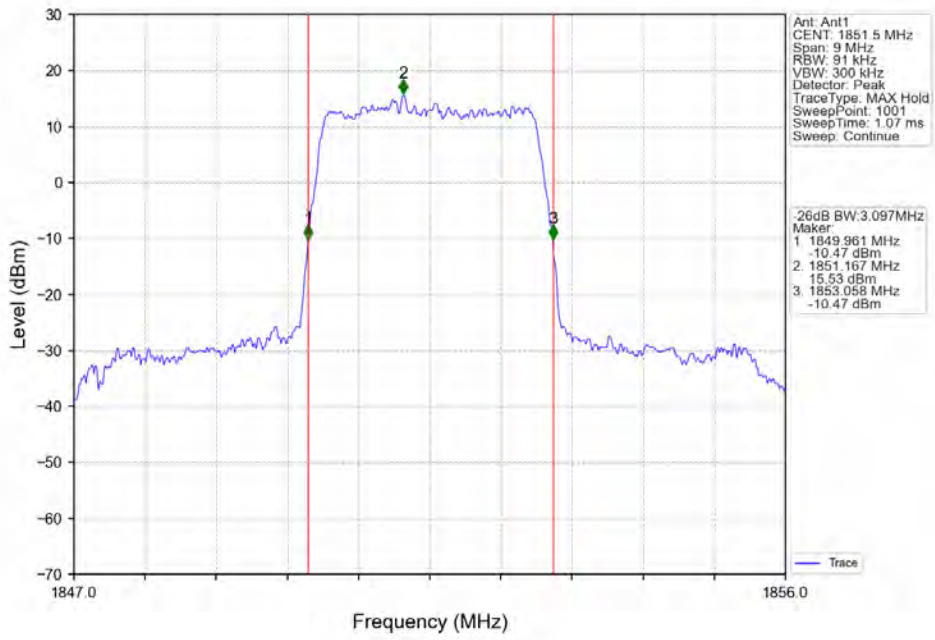


Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV

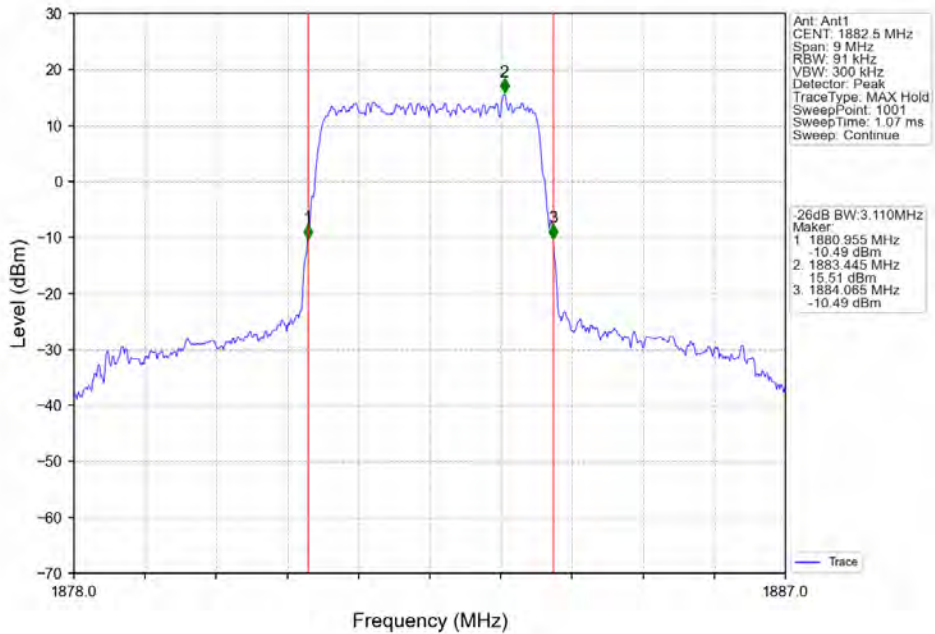




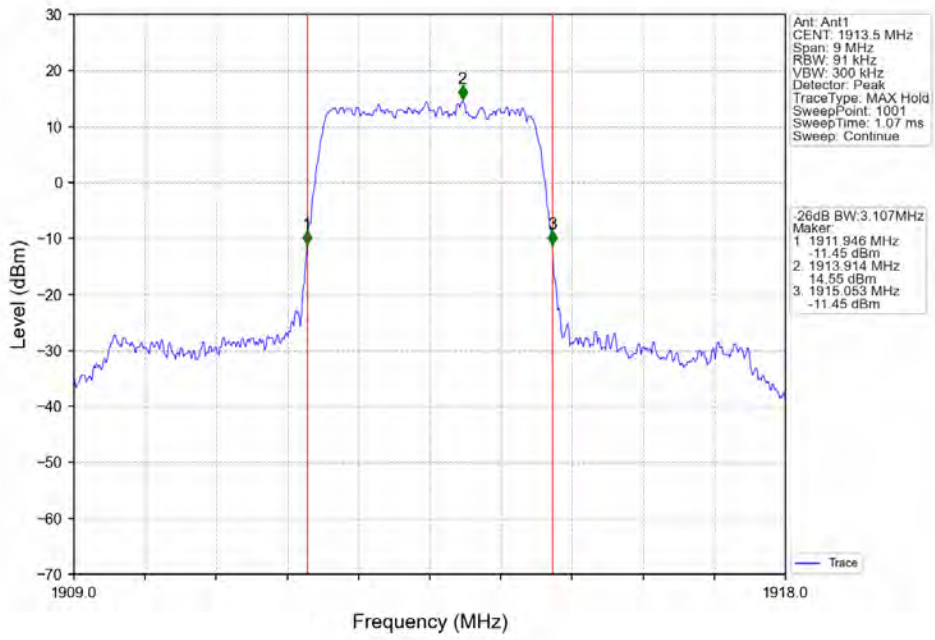
Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



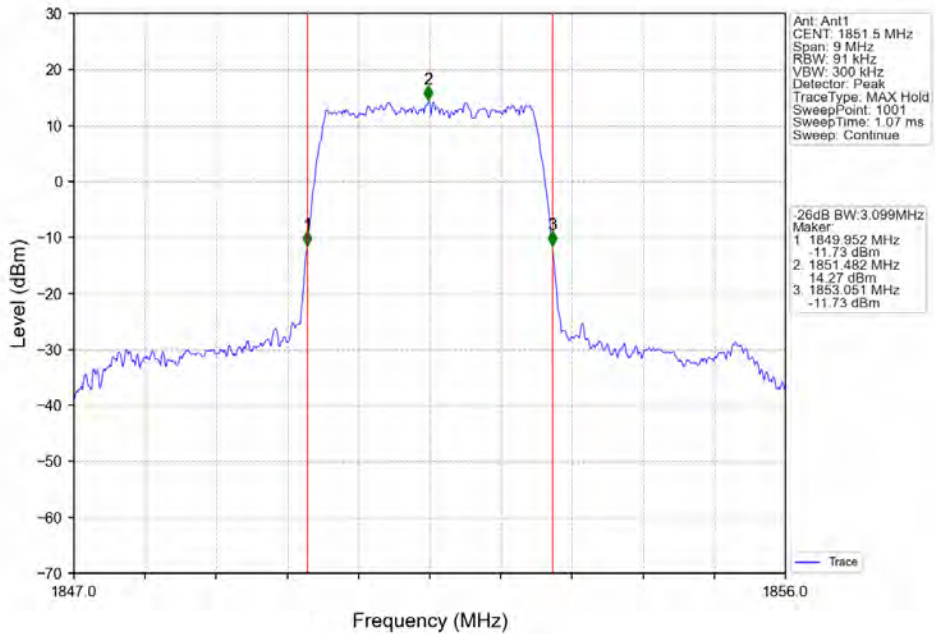
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



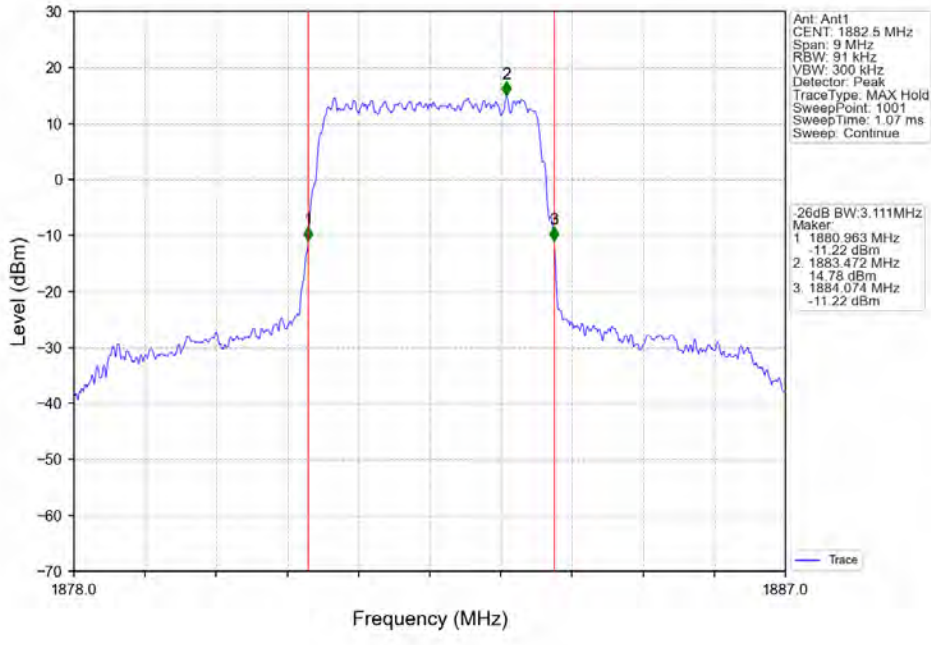
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



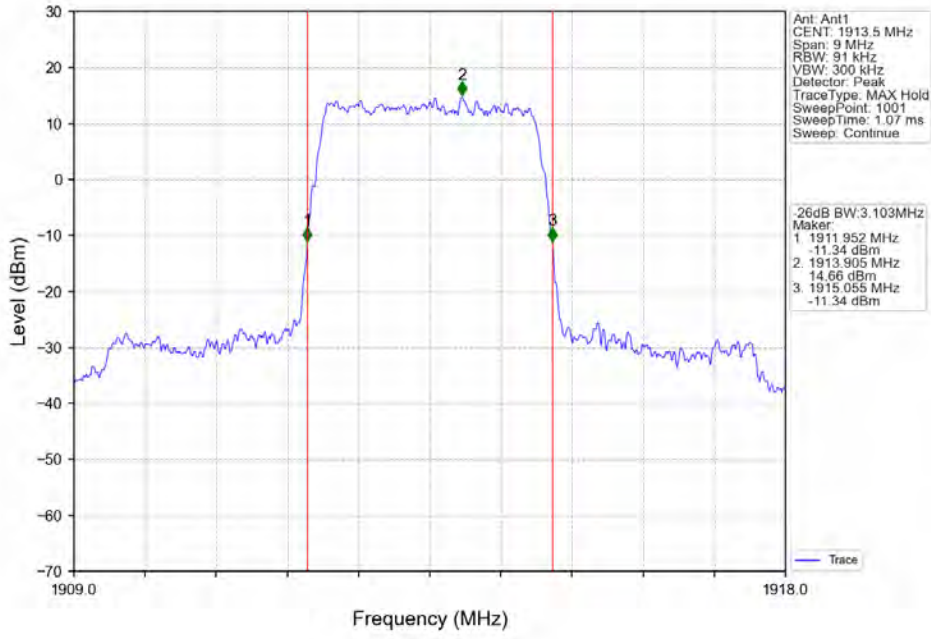
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



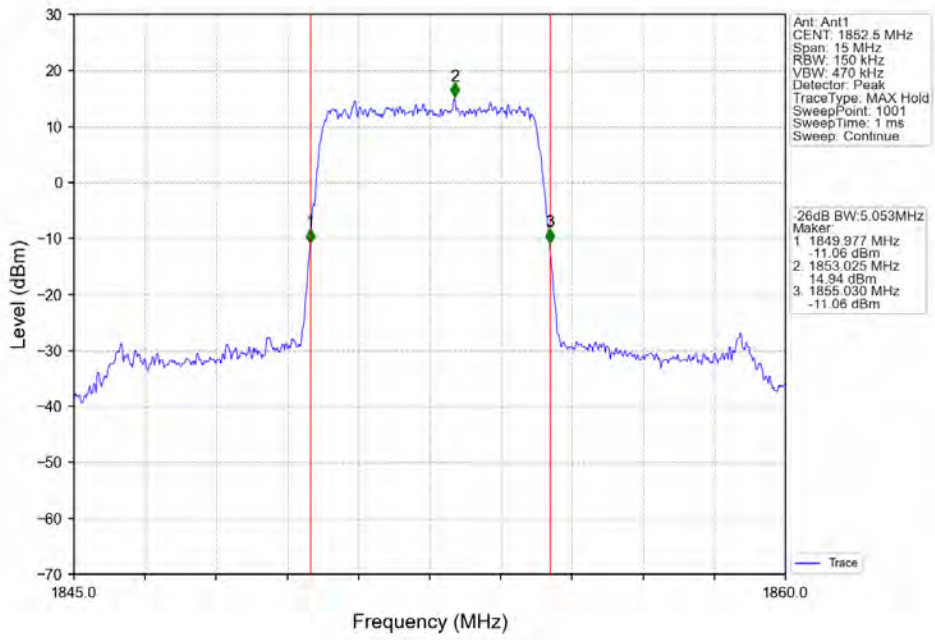
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



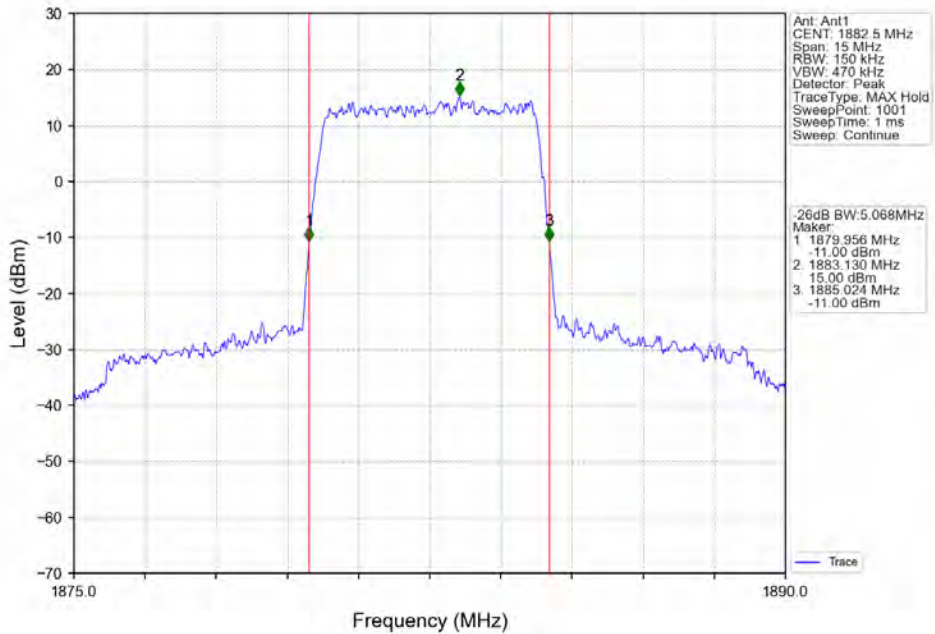
Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



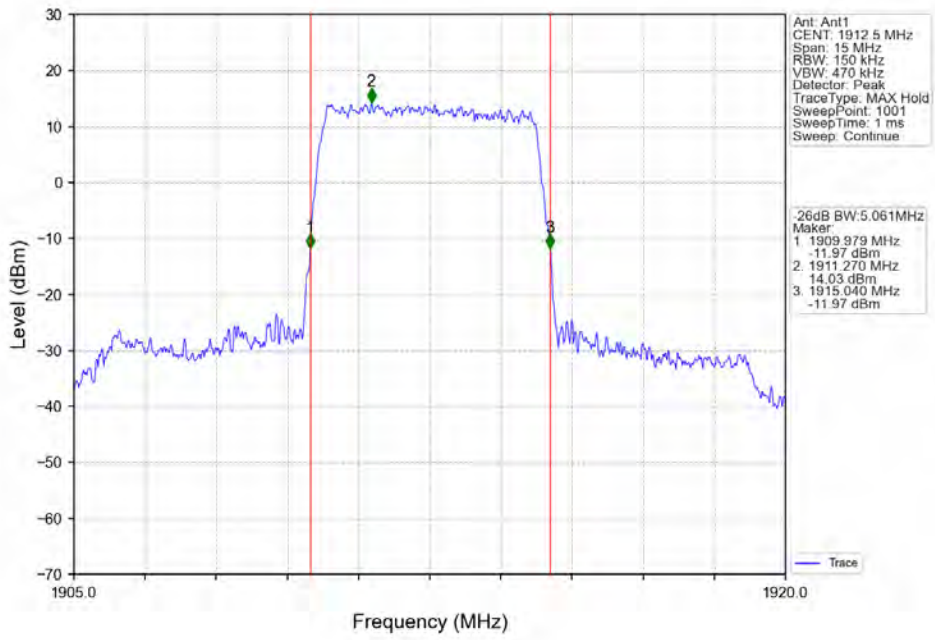
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



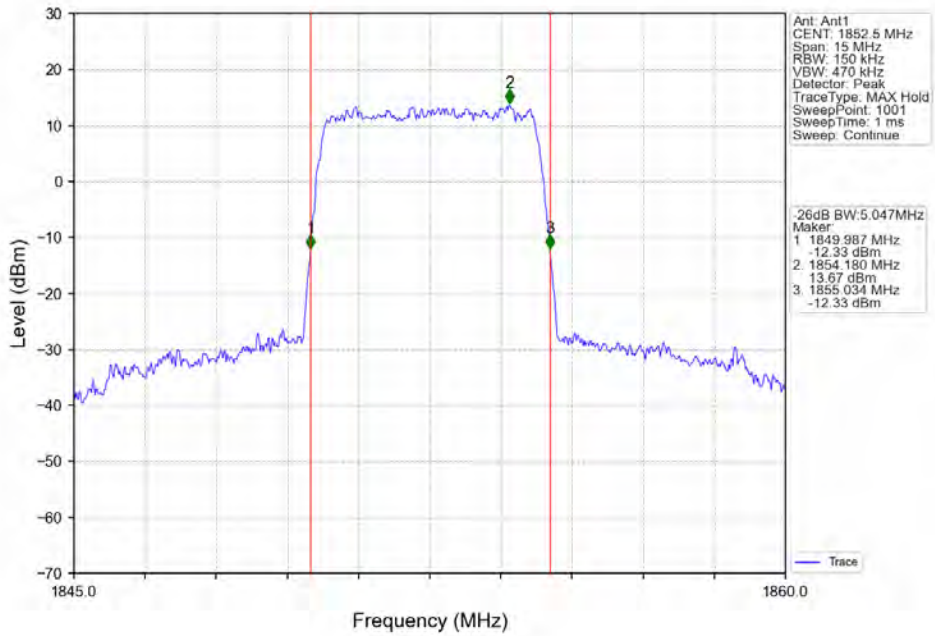
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



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

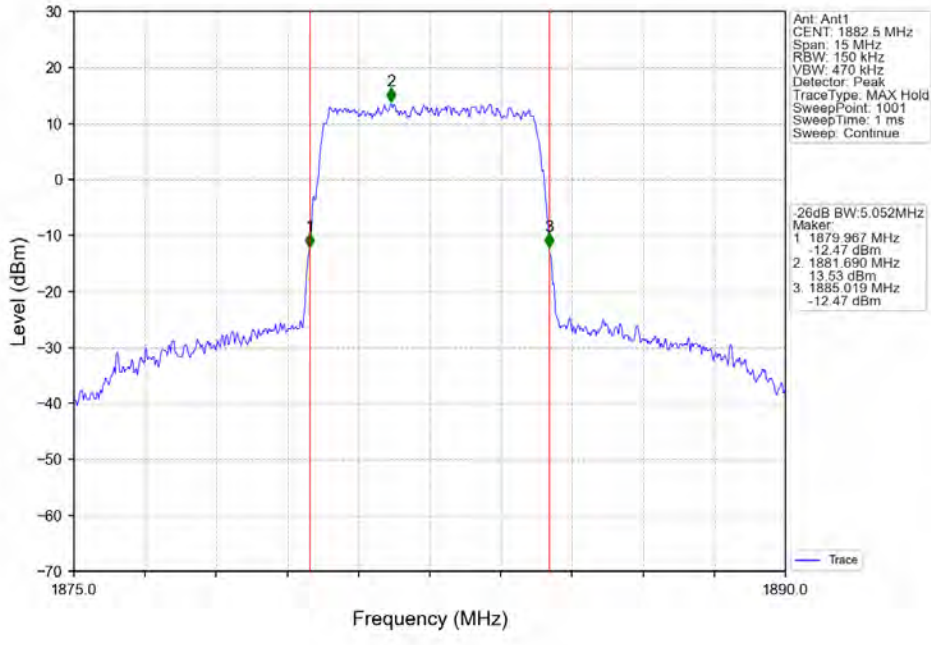


Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

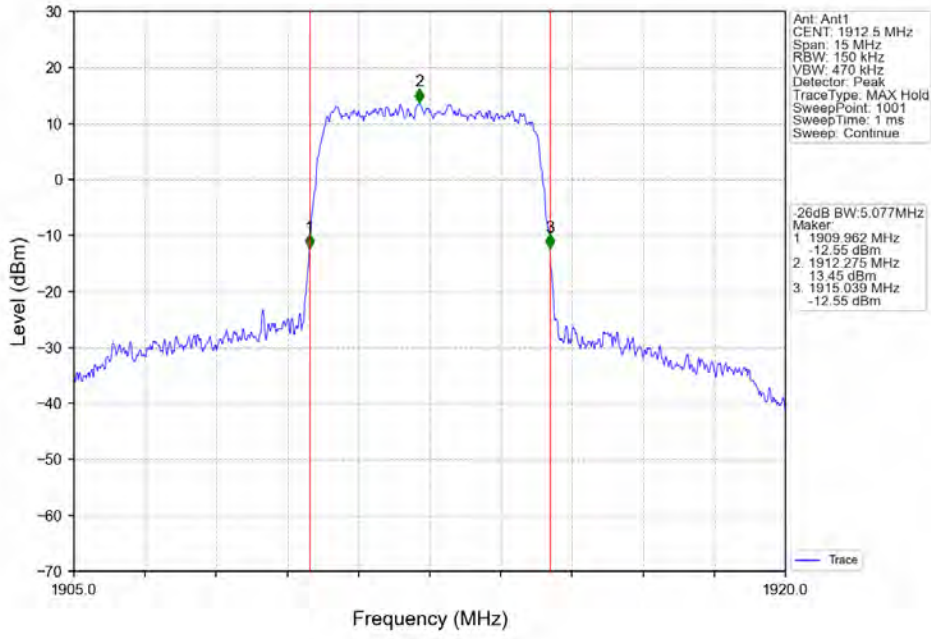




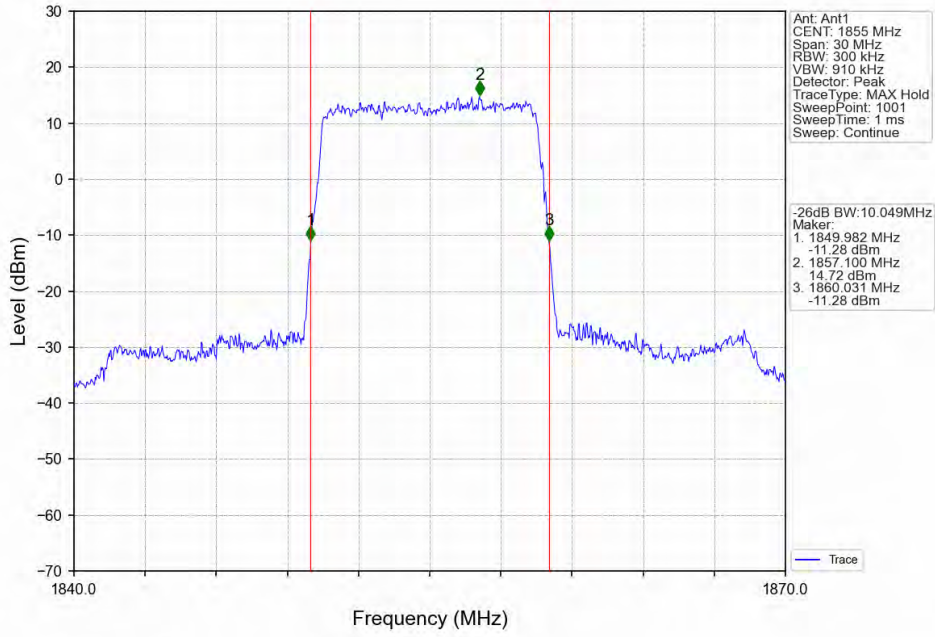
Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



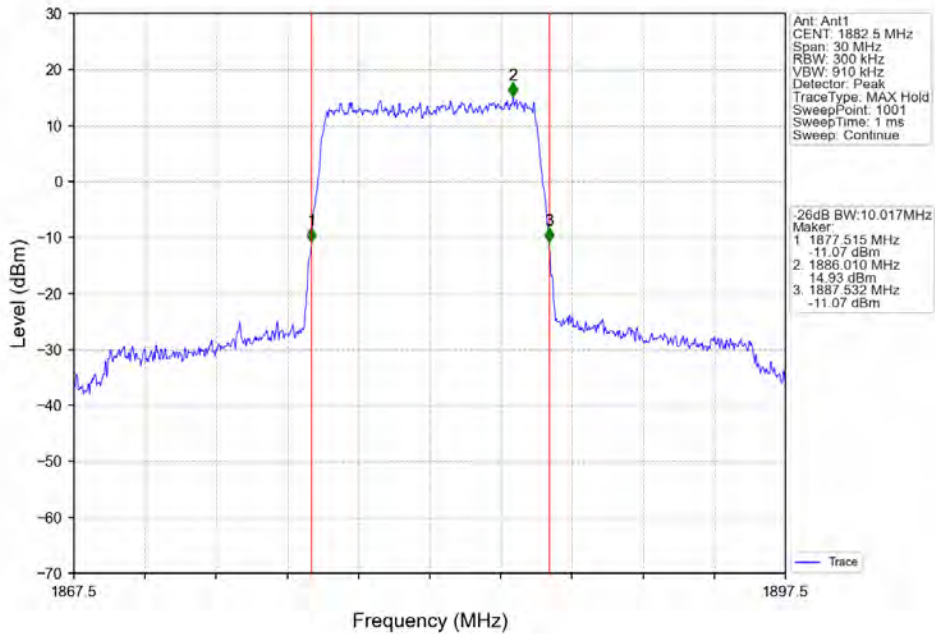
Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



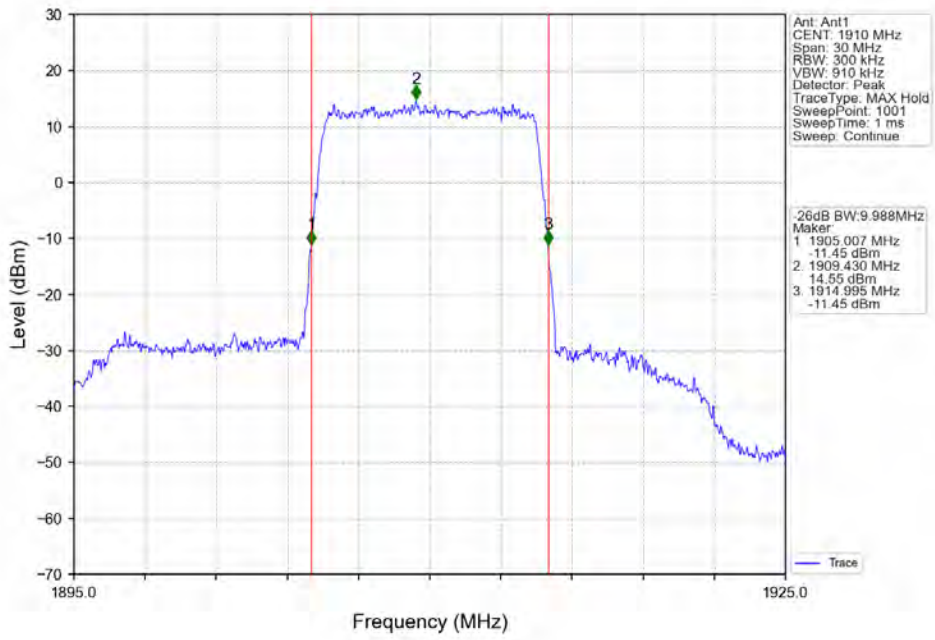
Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



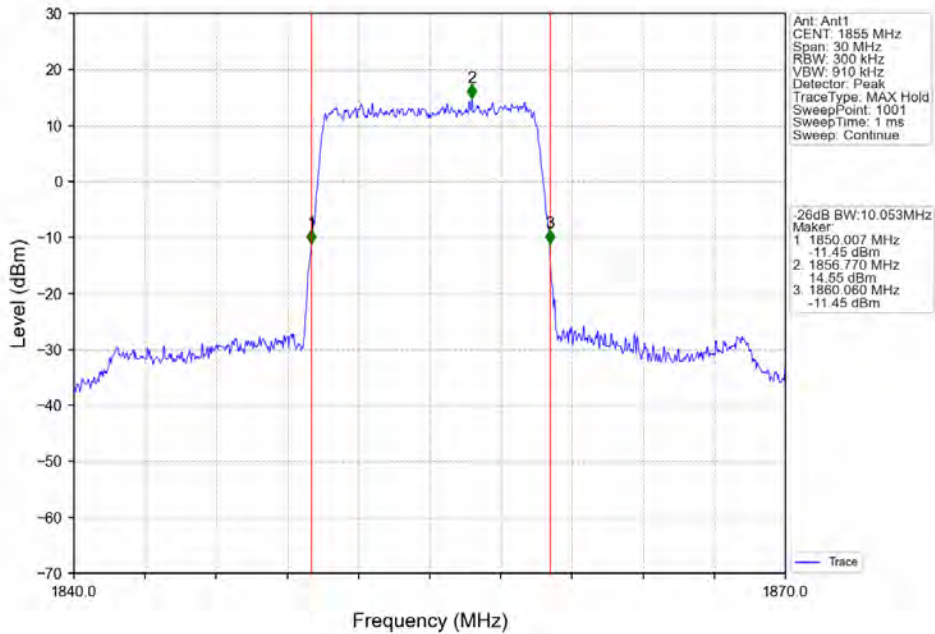
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



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

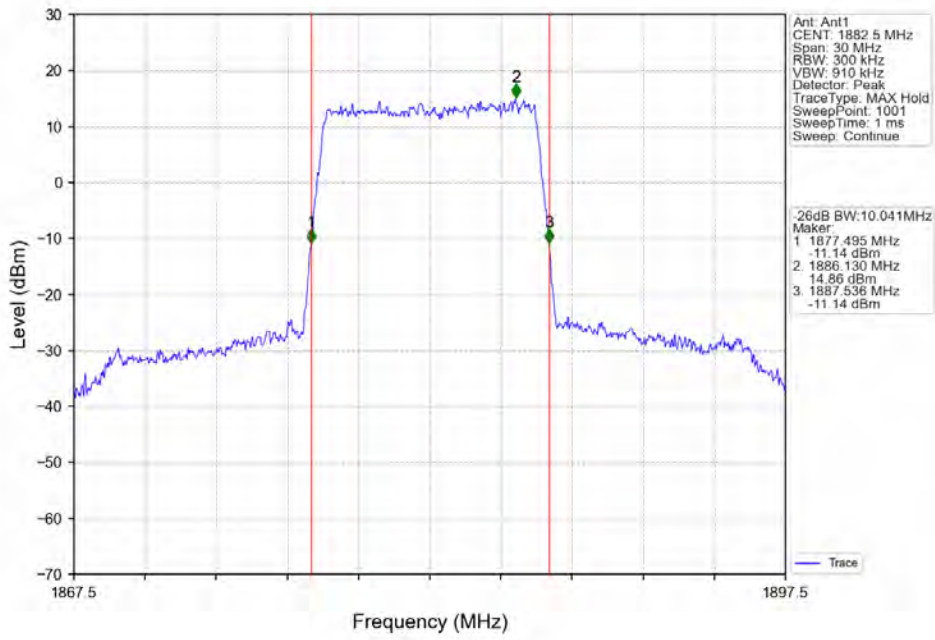


Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV

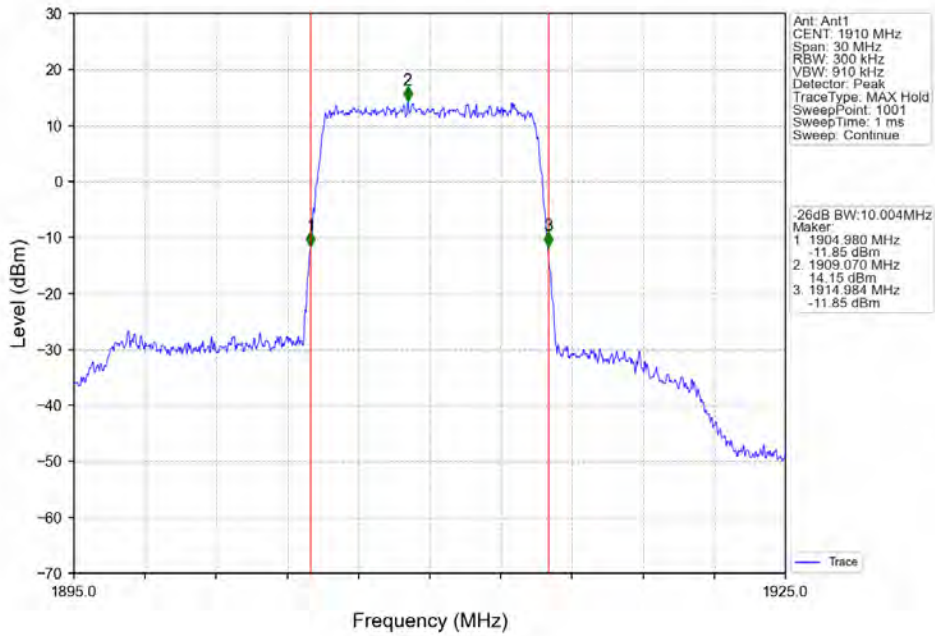




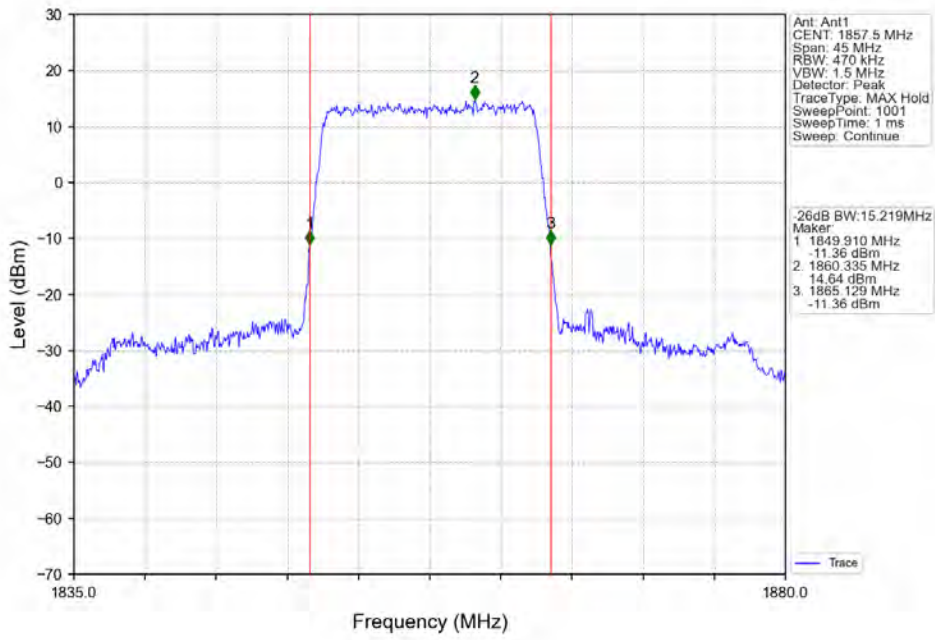
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



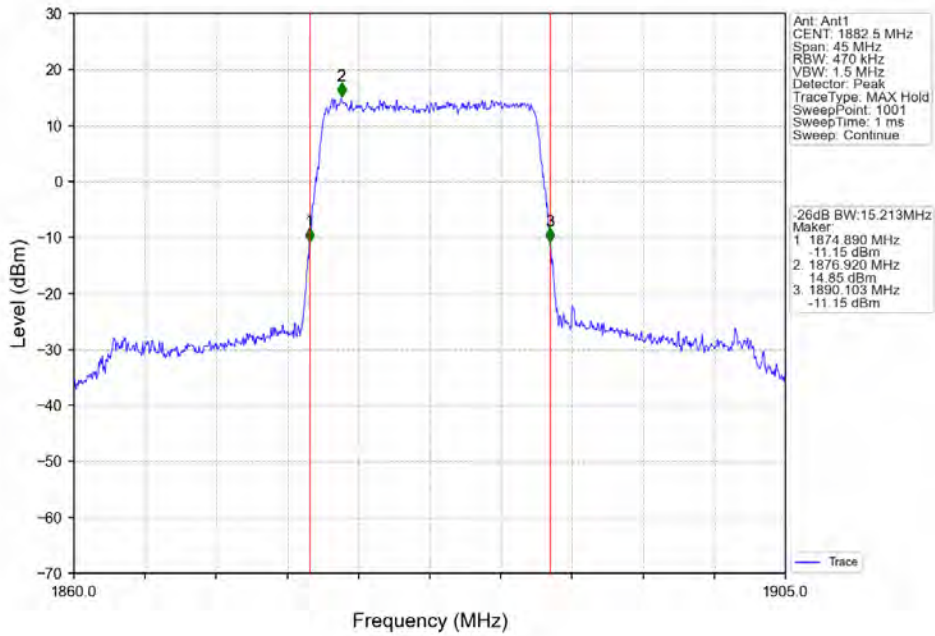
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_50\_0\_NTNV



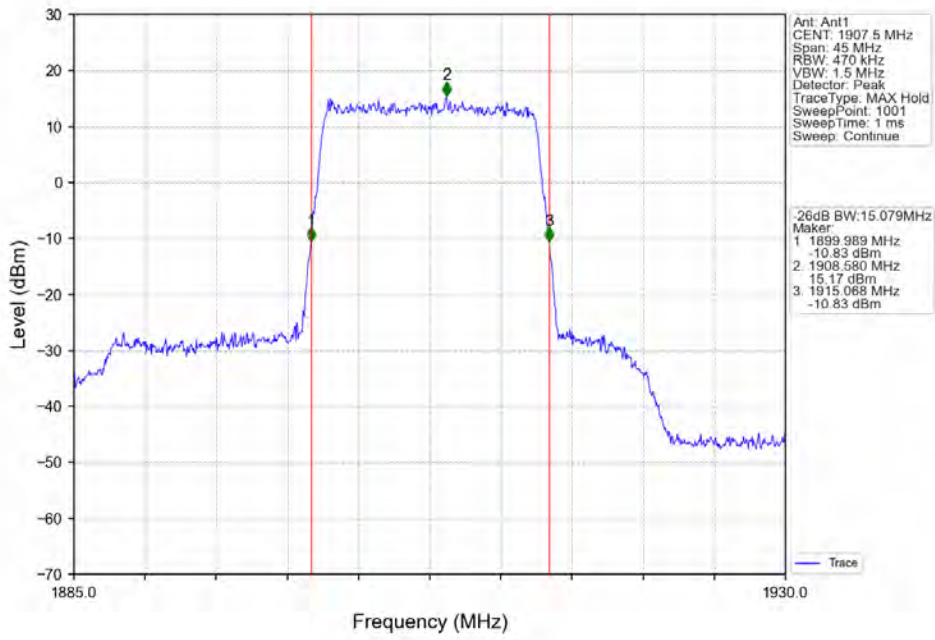
Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



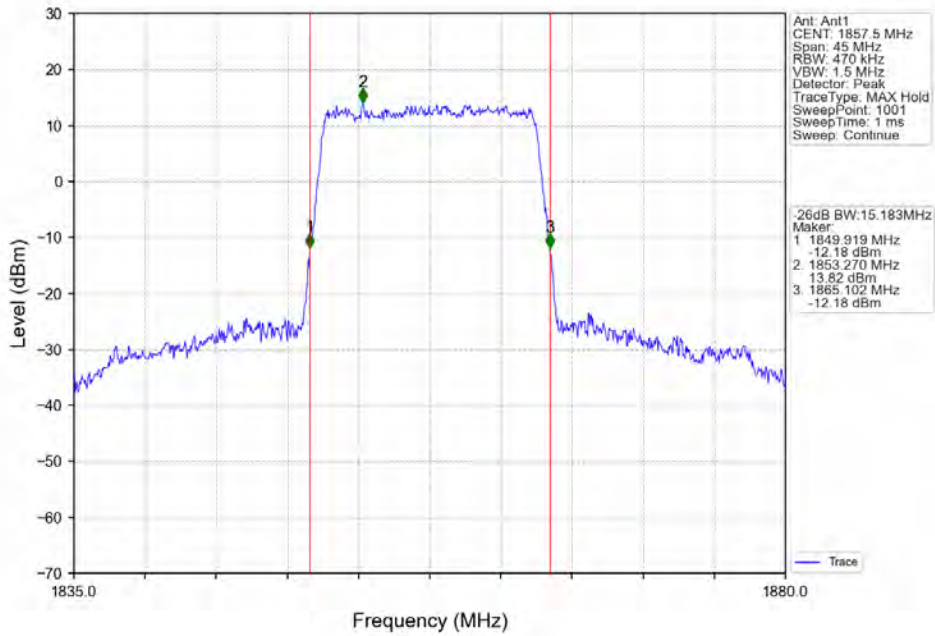
Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



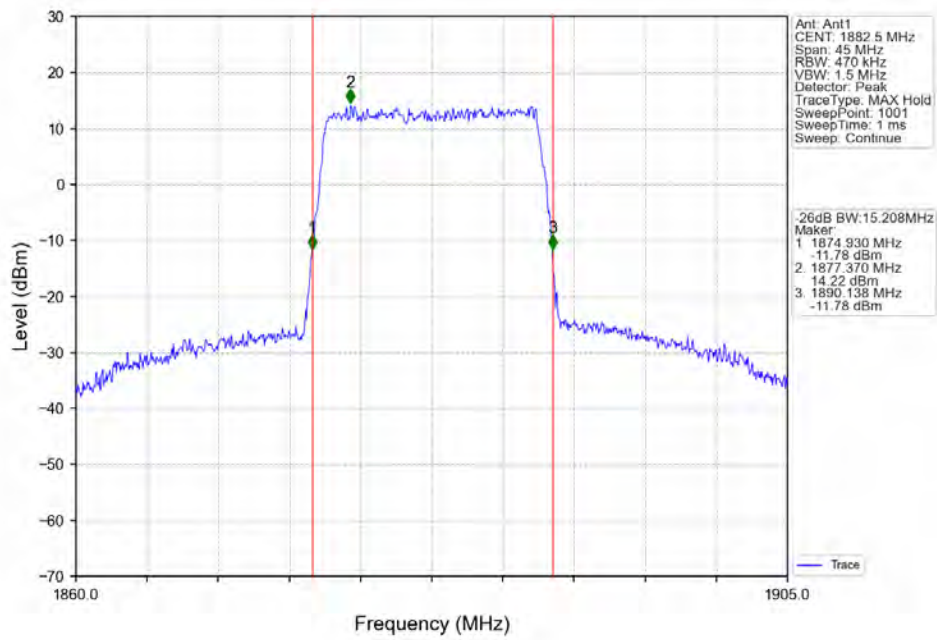
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



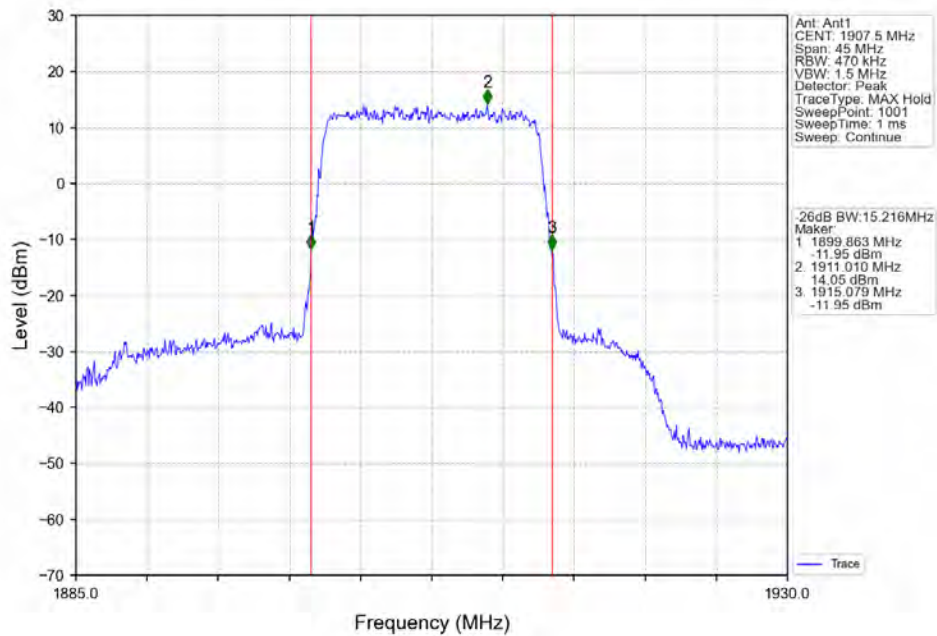
Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



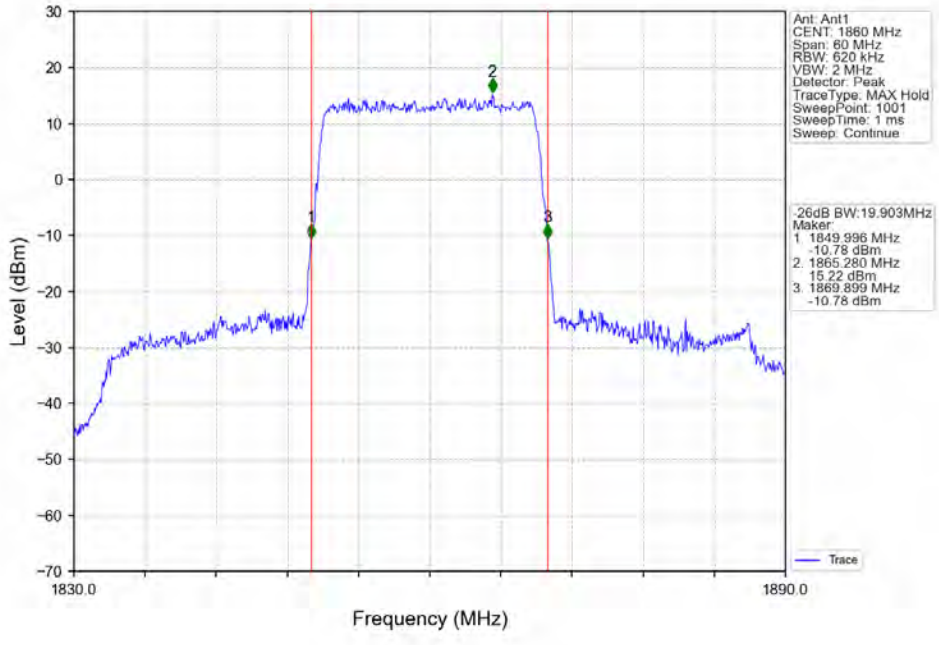
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



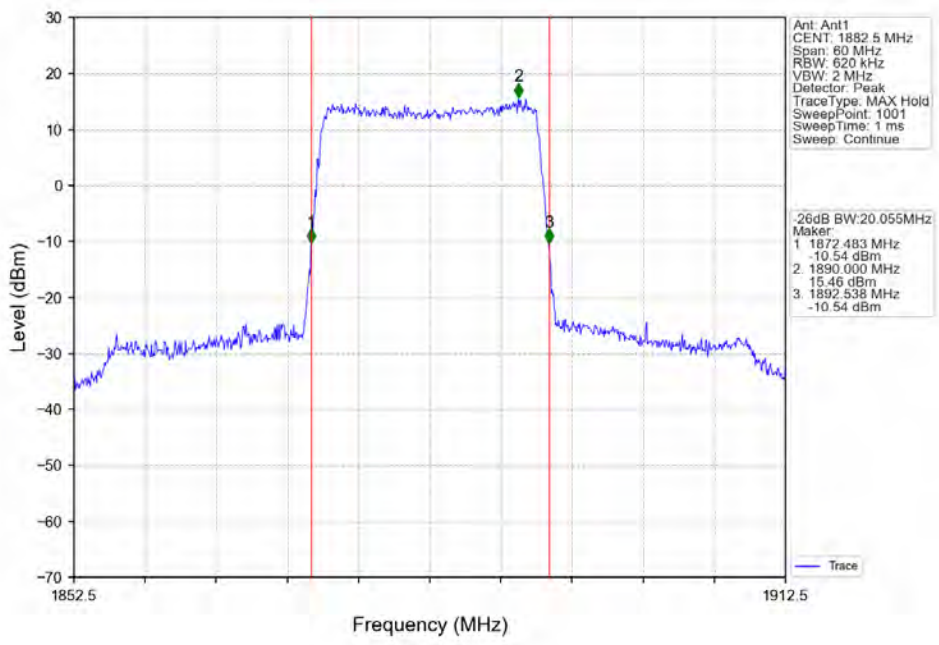
Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



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

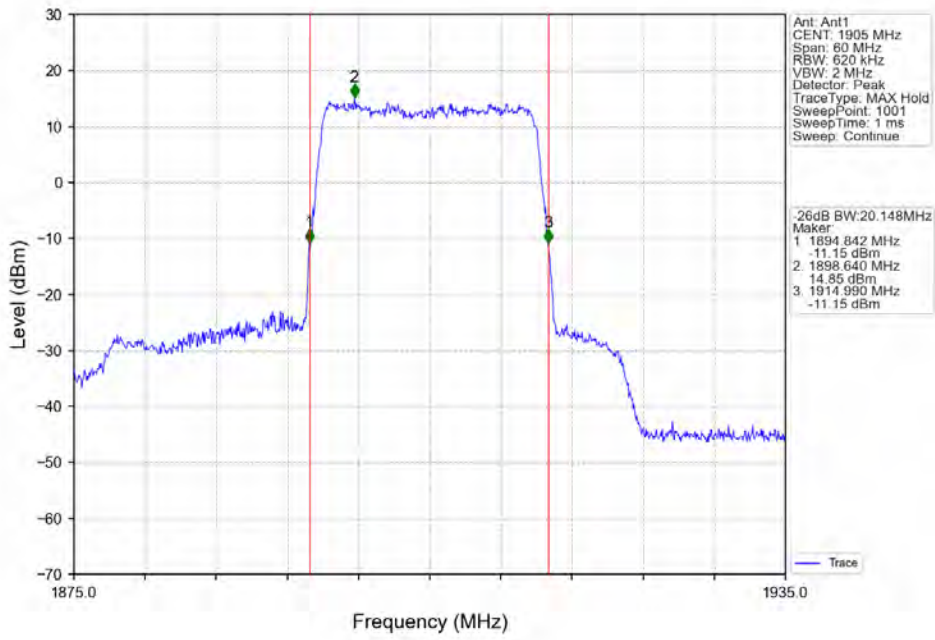


Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV

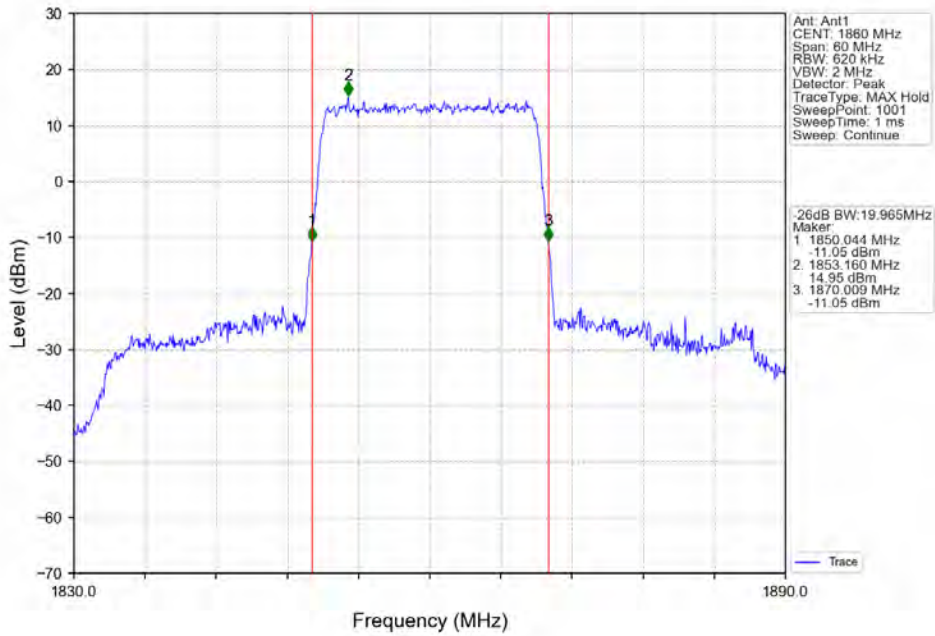




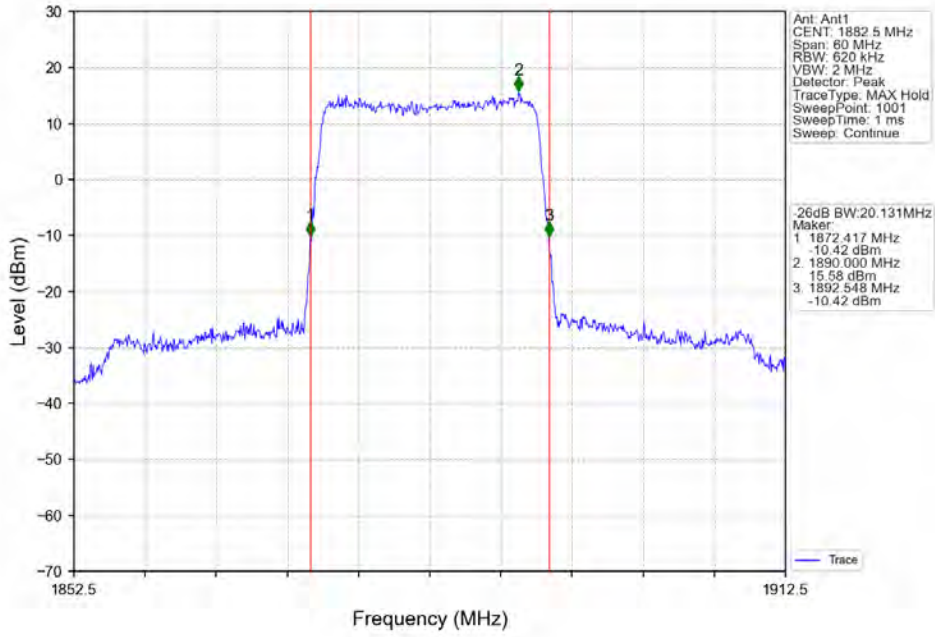
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV



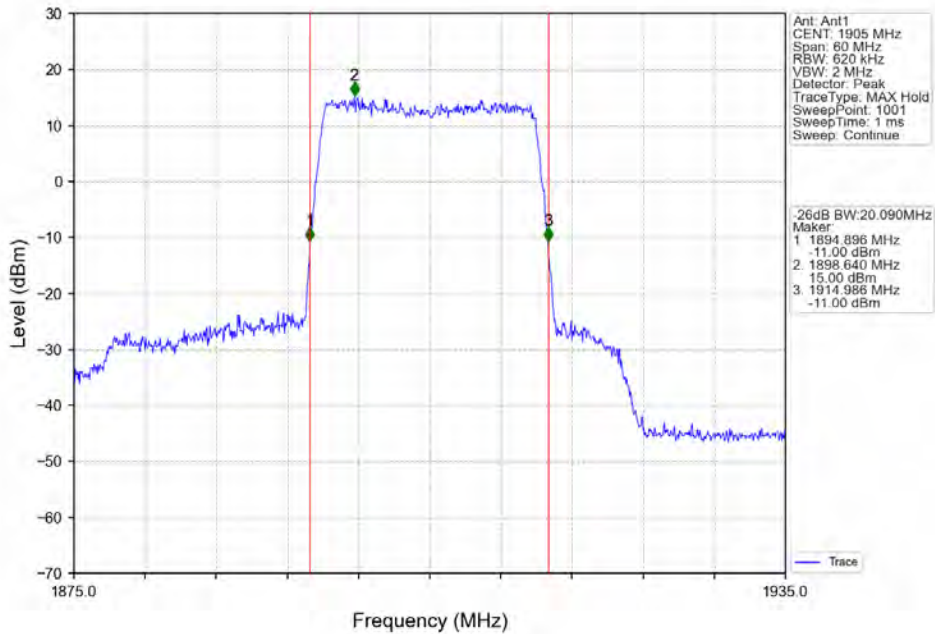
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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



## 5. Peak-Average Ratio

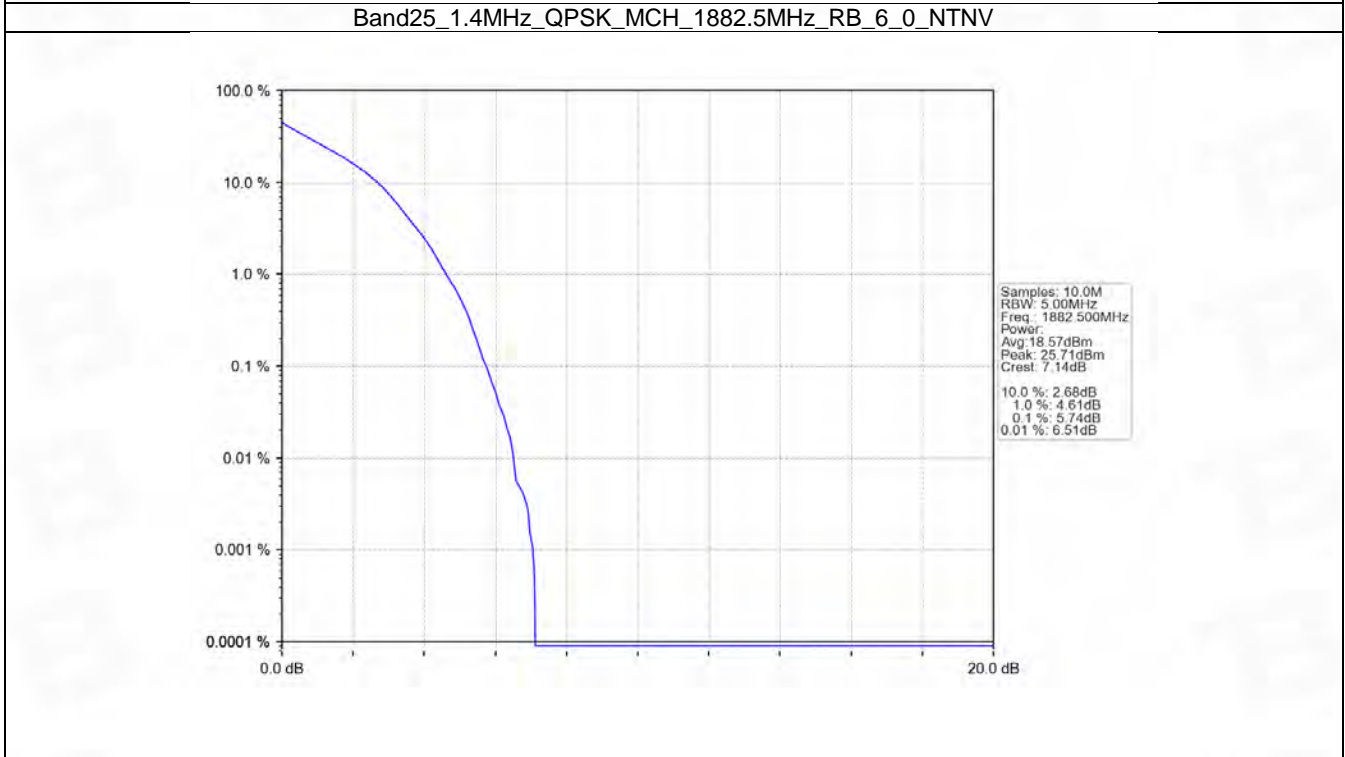
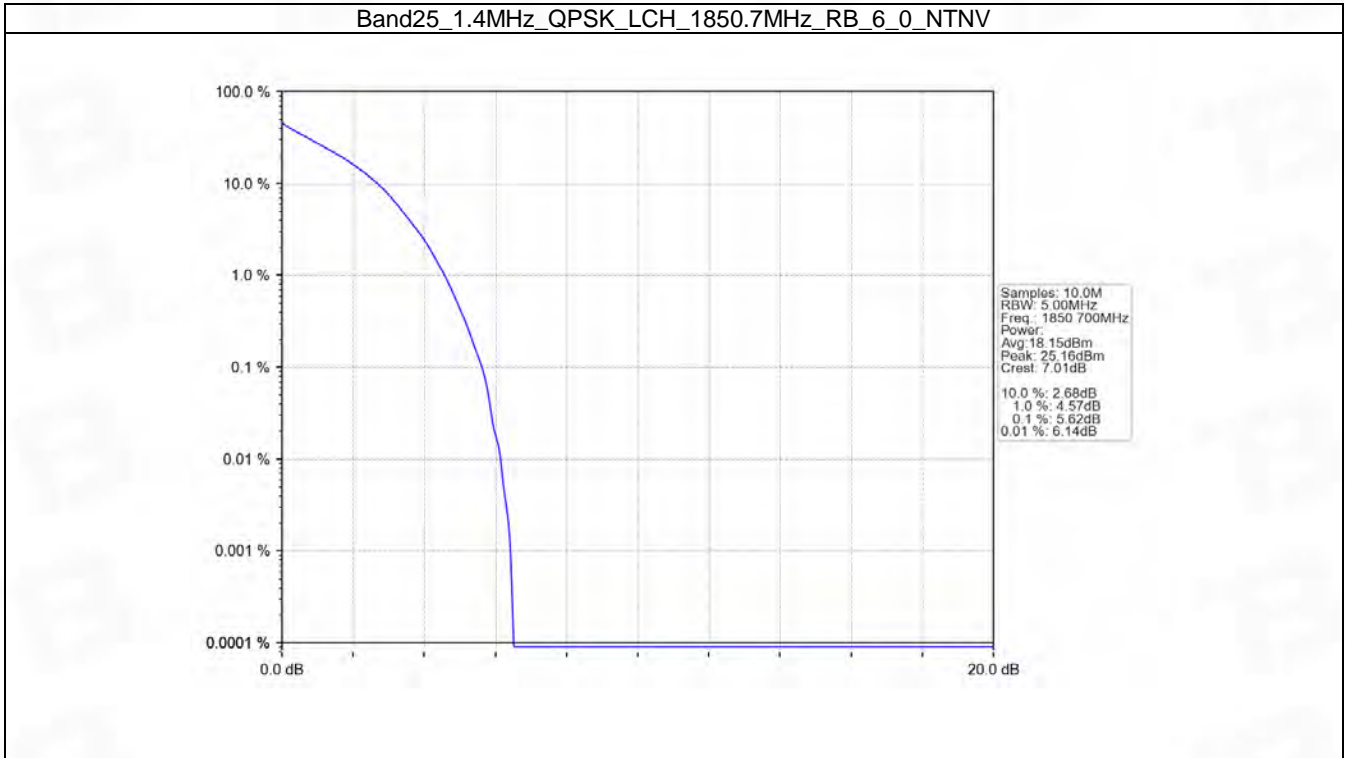
### 5.1 B25\_1.4MHz

#### 5.1.1 Test Result

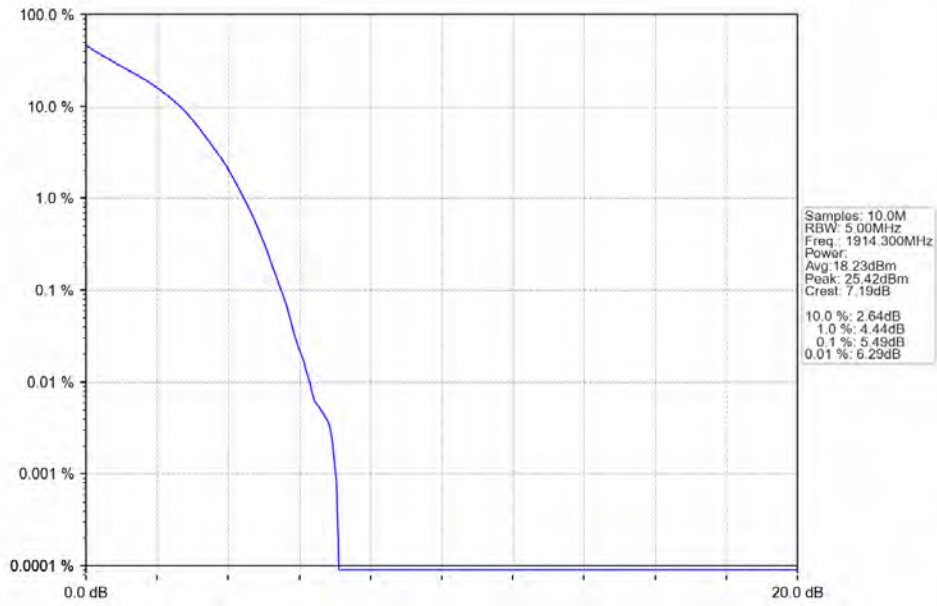
Band: 25 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.62	<=13	Pass
	1882.5	6	0	5.74	<=13	Pass
	1914.3	6	0	5.49	<=13	Pass
16QAM	1850.7	6	0	6.31	<=13	Pass
	1882.5	6	0	6.53	<=13	Pass
	1914.3	6	0	6.16	<=13	Pass



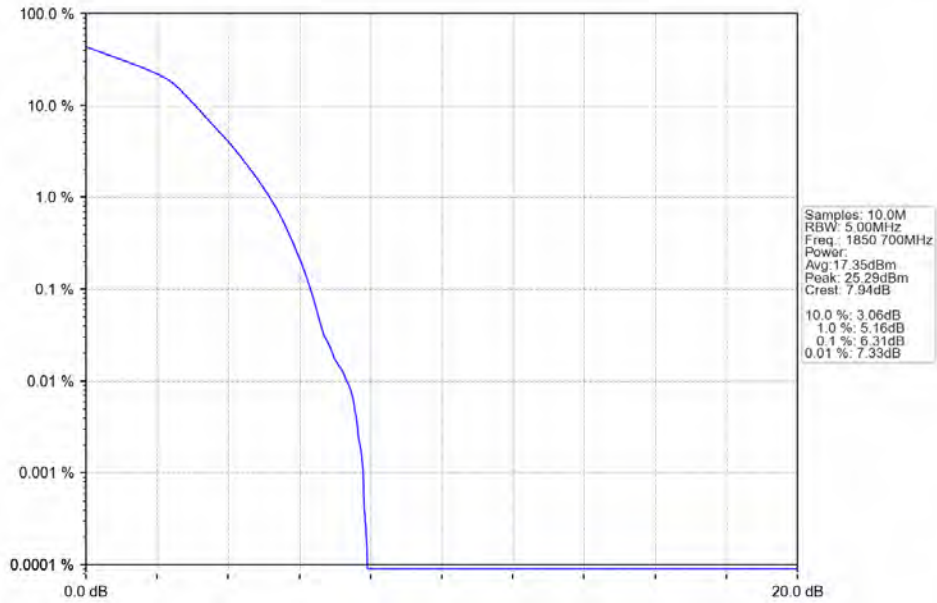
### 5.1.2 Test Graph



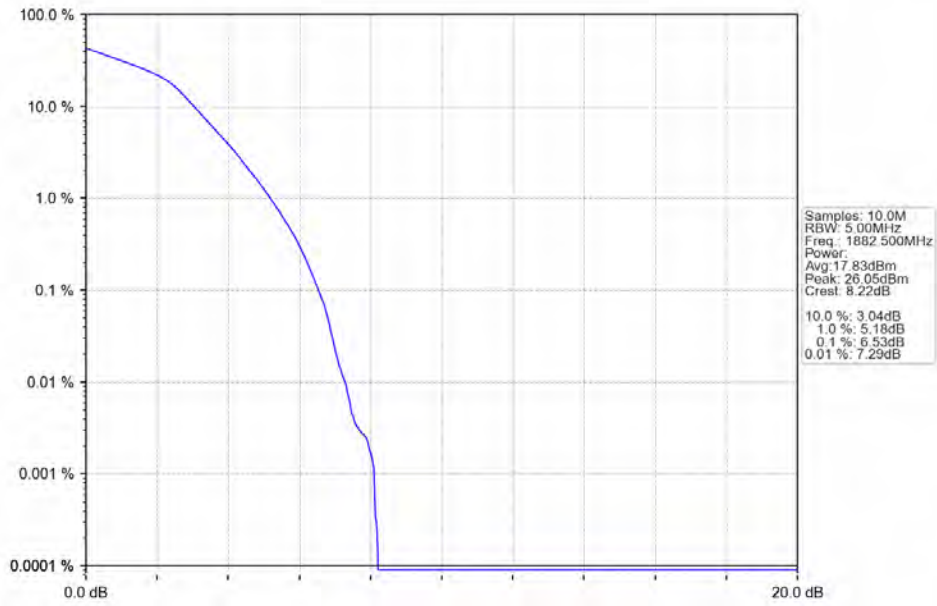
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



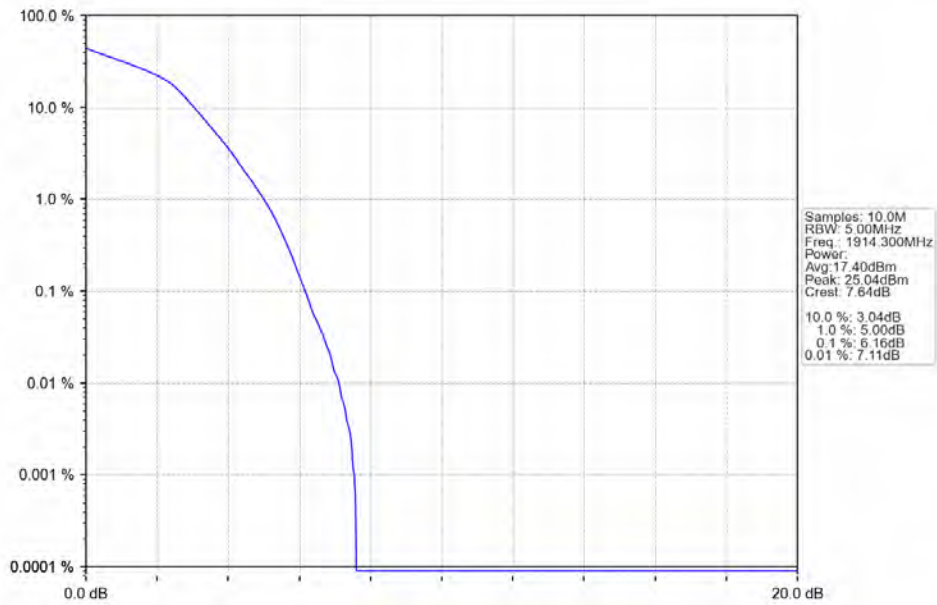
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



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



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

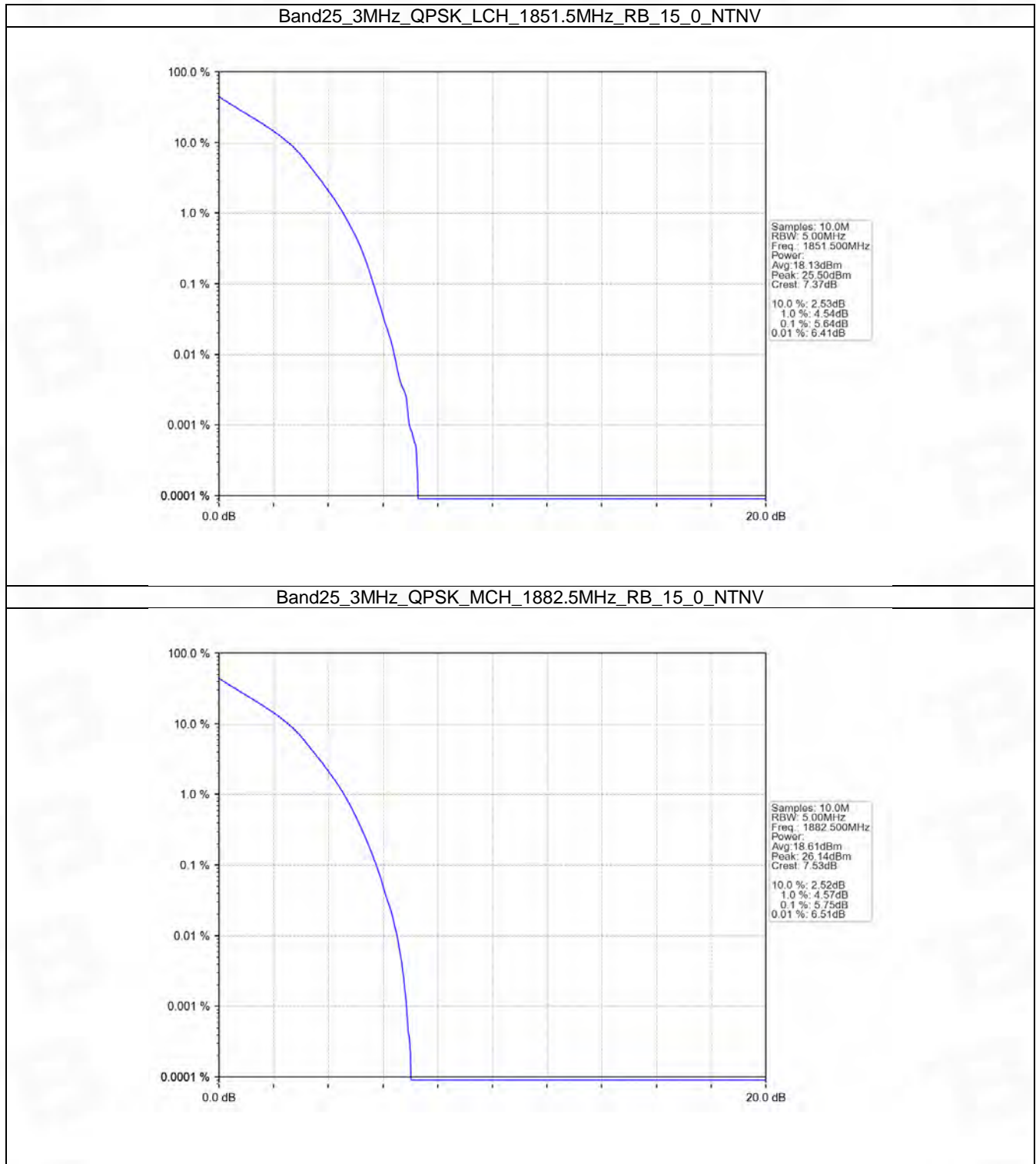


## 5.2 B25\_3MHz

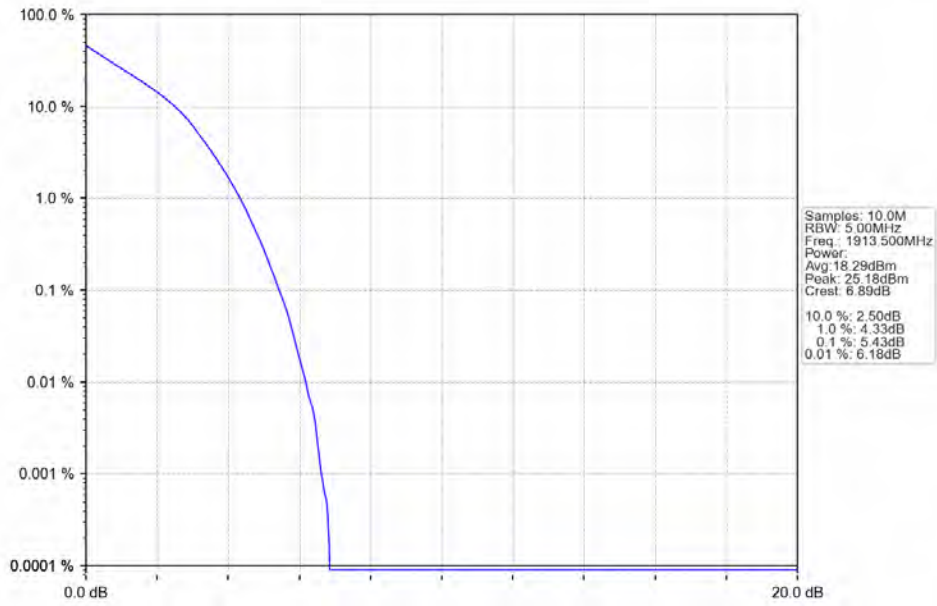
### 5.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.64	<=13	Pass
	1882.5	15	0	5.75	<=13	Pass
	1913.5	15	0	5.43	<=13	Pass
16QAM	1851.5	15	0	6.39	<=13	Pass
	1882.5	15	0	6.60	<=13	Pass
	1913.5	15	0	6.19	<=13	Pass

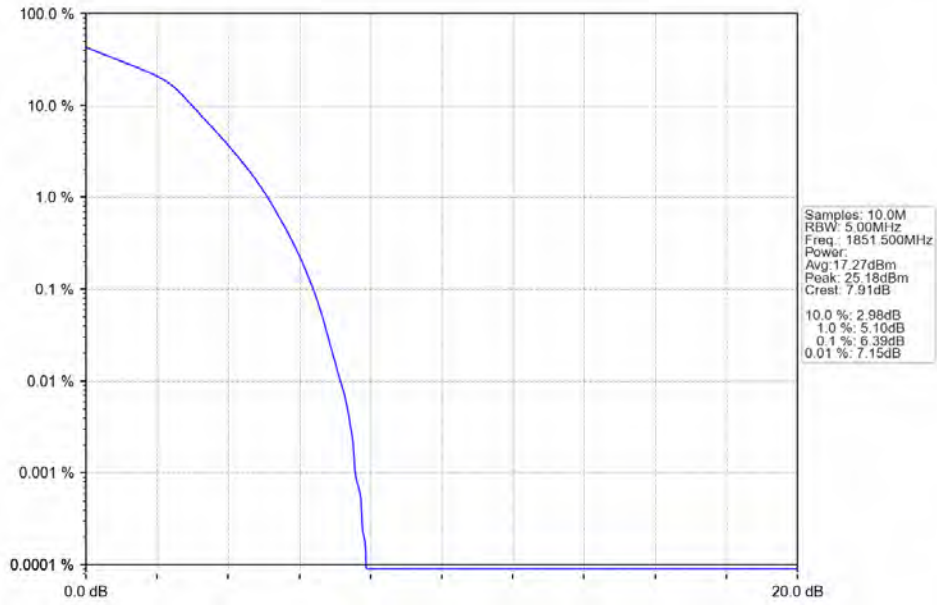
## 5.2.2 Test Graph



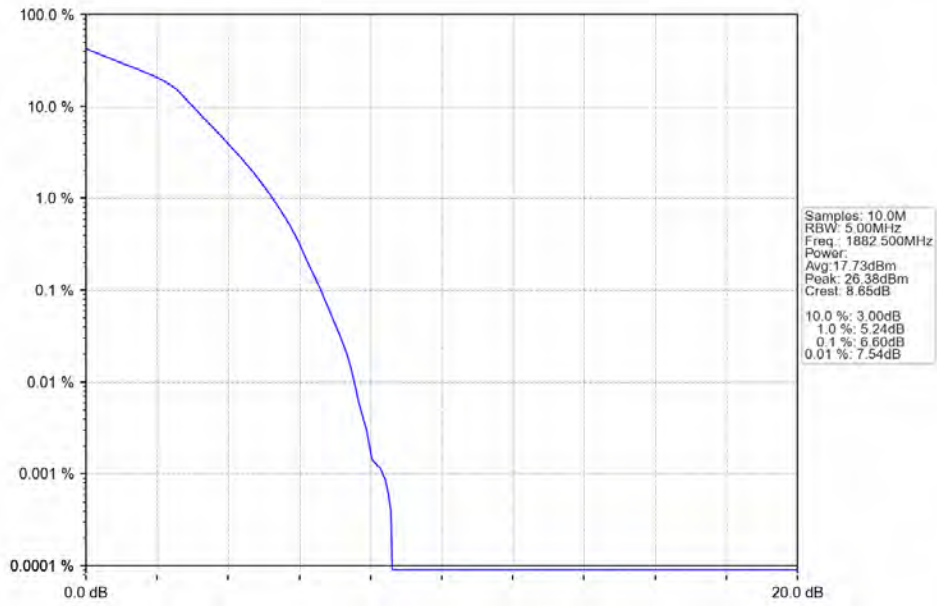
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



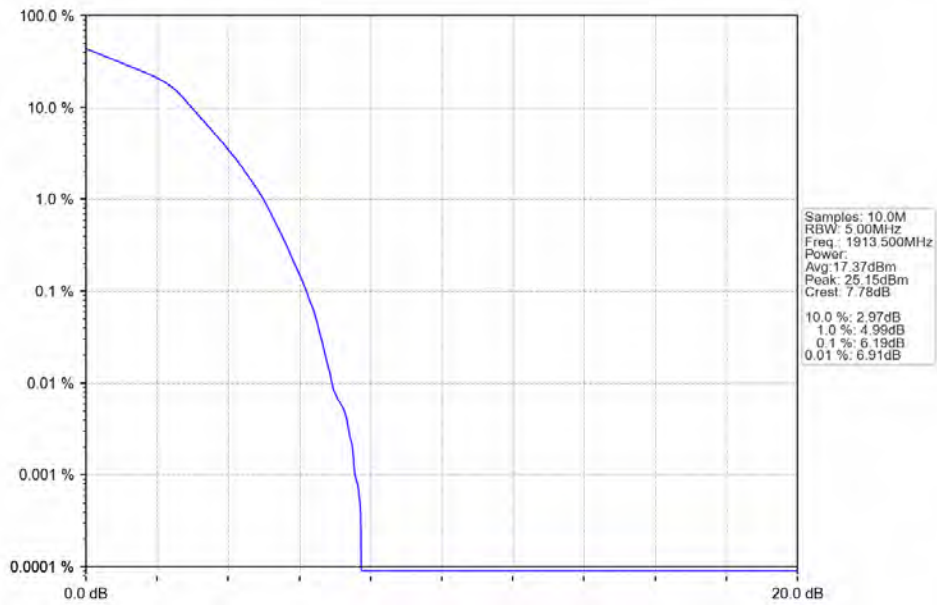
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



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



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



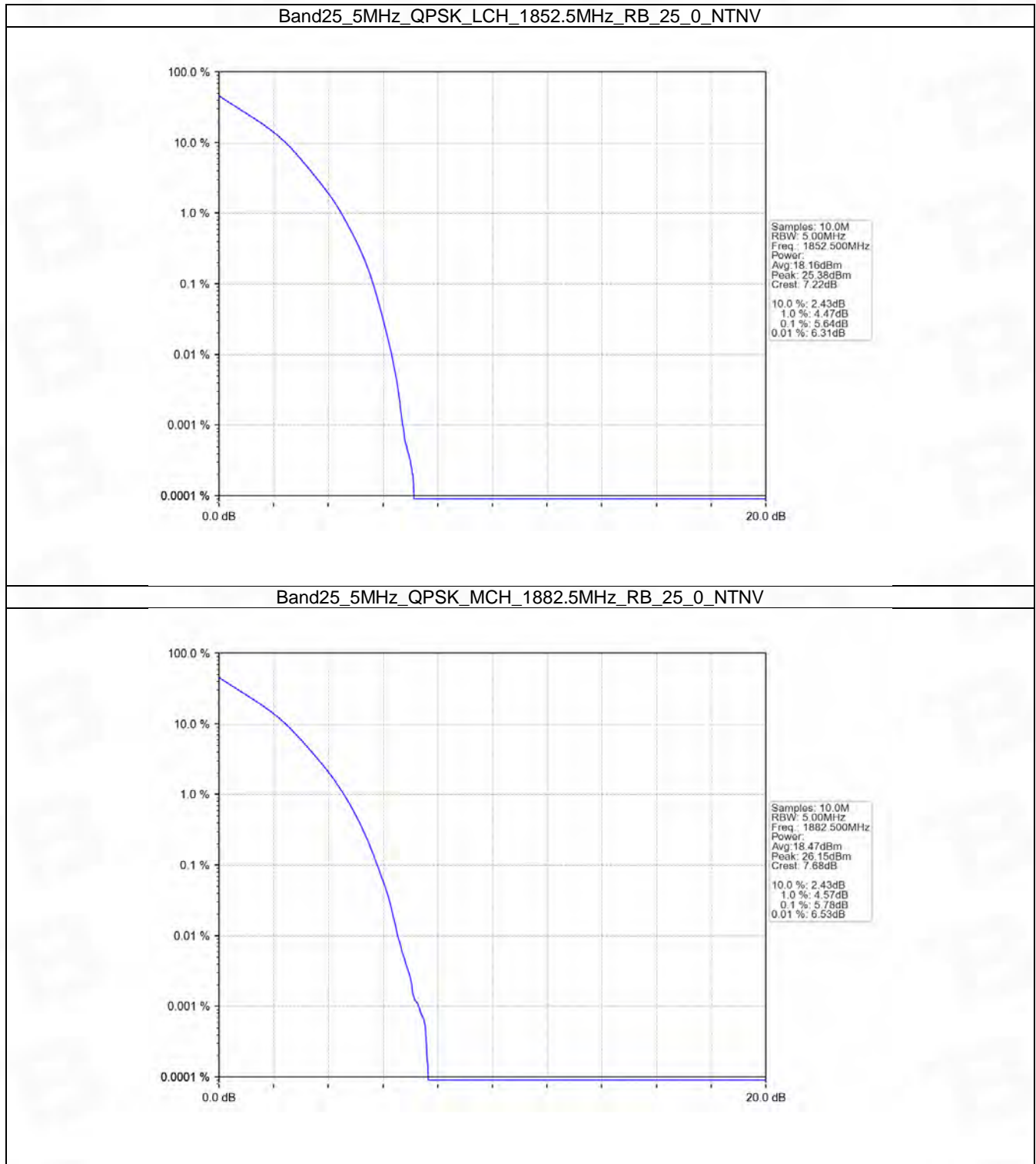


## 5.3 B25\_5MHz

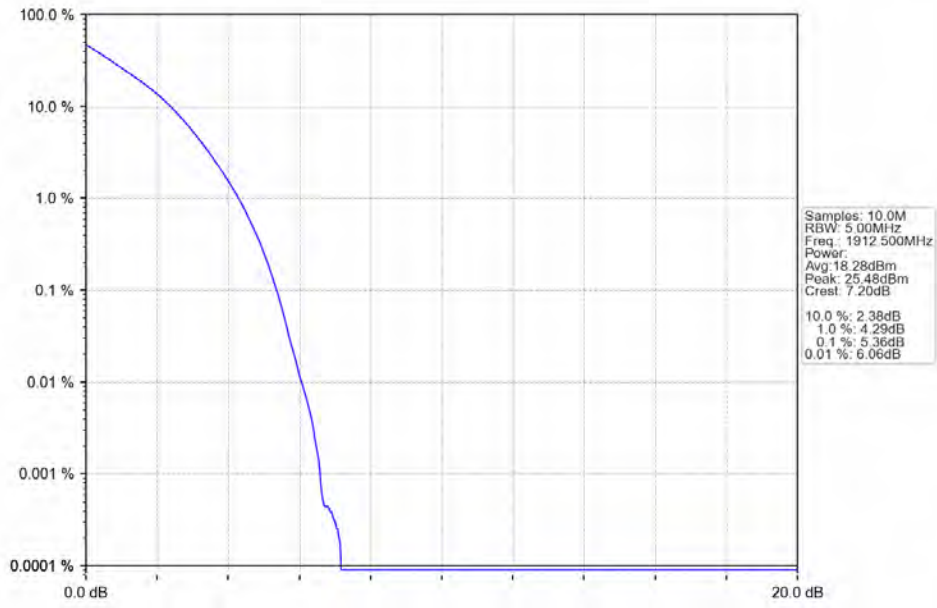
### 5.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.64	<=13	Pass
	1882.5	25	0	5.78	<=13	Pass
	1912.5	25	0	5.36	<=13	Pass
16QAM	1852.5	25	0	5.61	<=13	Pass
	1882.5	25	0	5.77	<=13	Pass
	1912.5	25	0	5.37	<=13	Pass

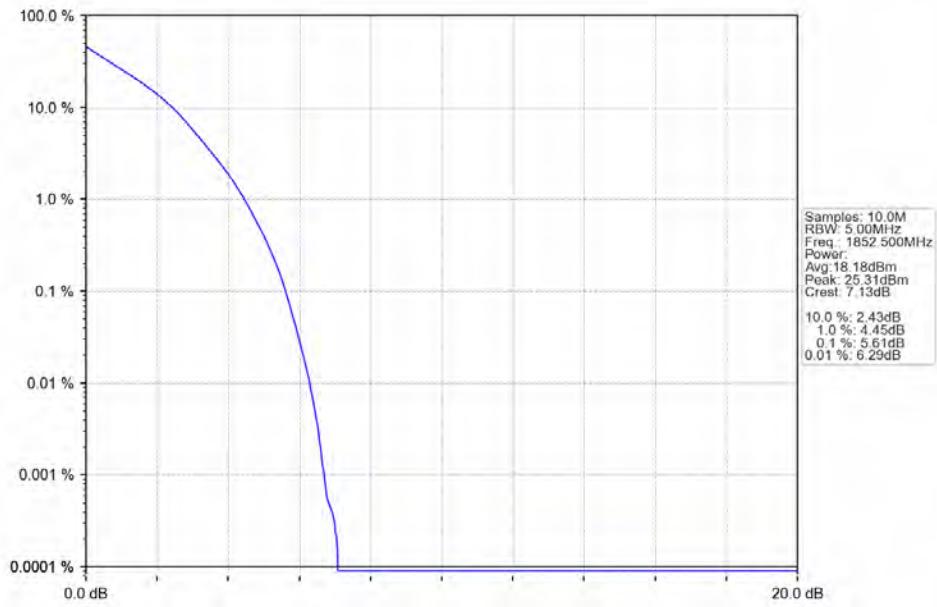
### 5.3.2 Test Graph



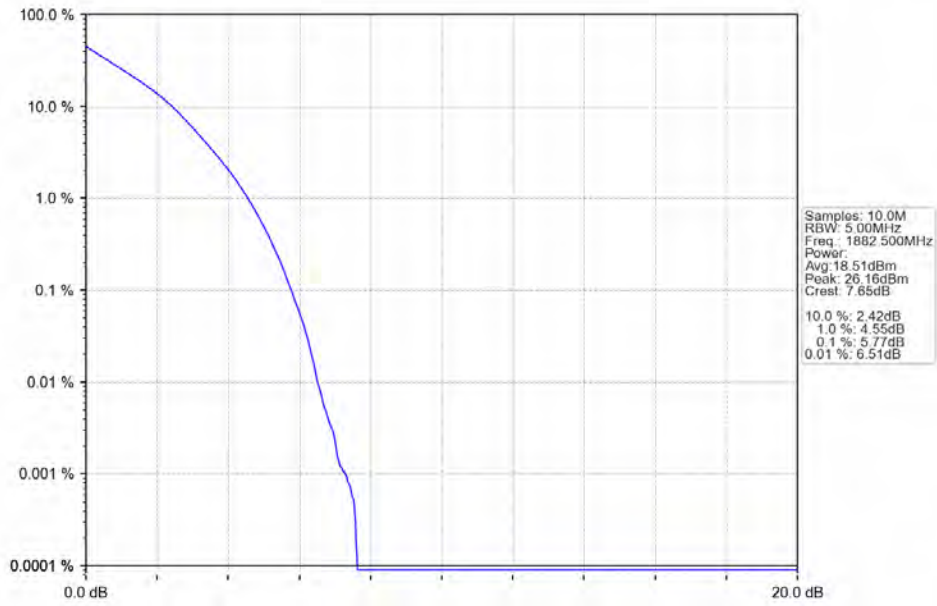
Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



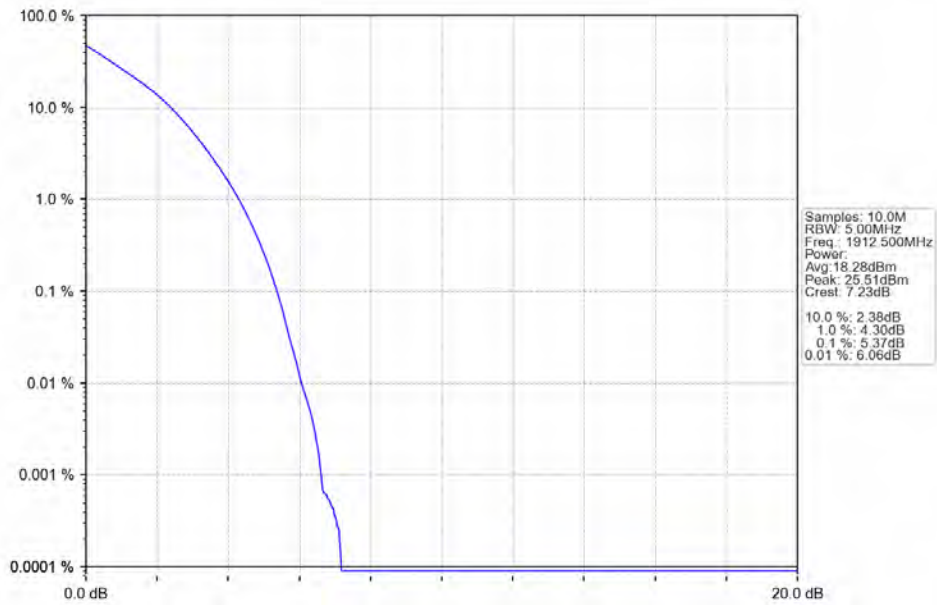
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



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



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

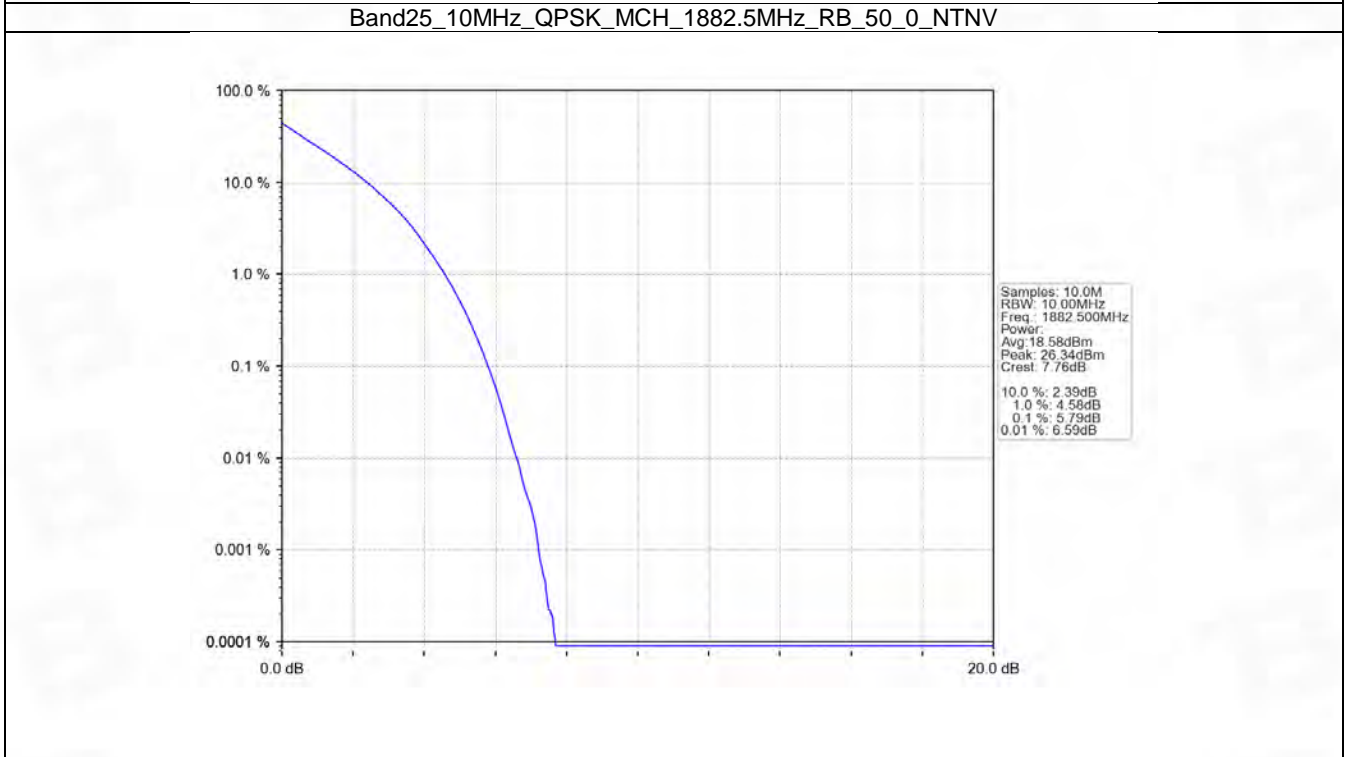
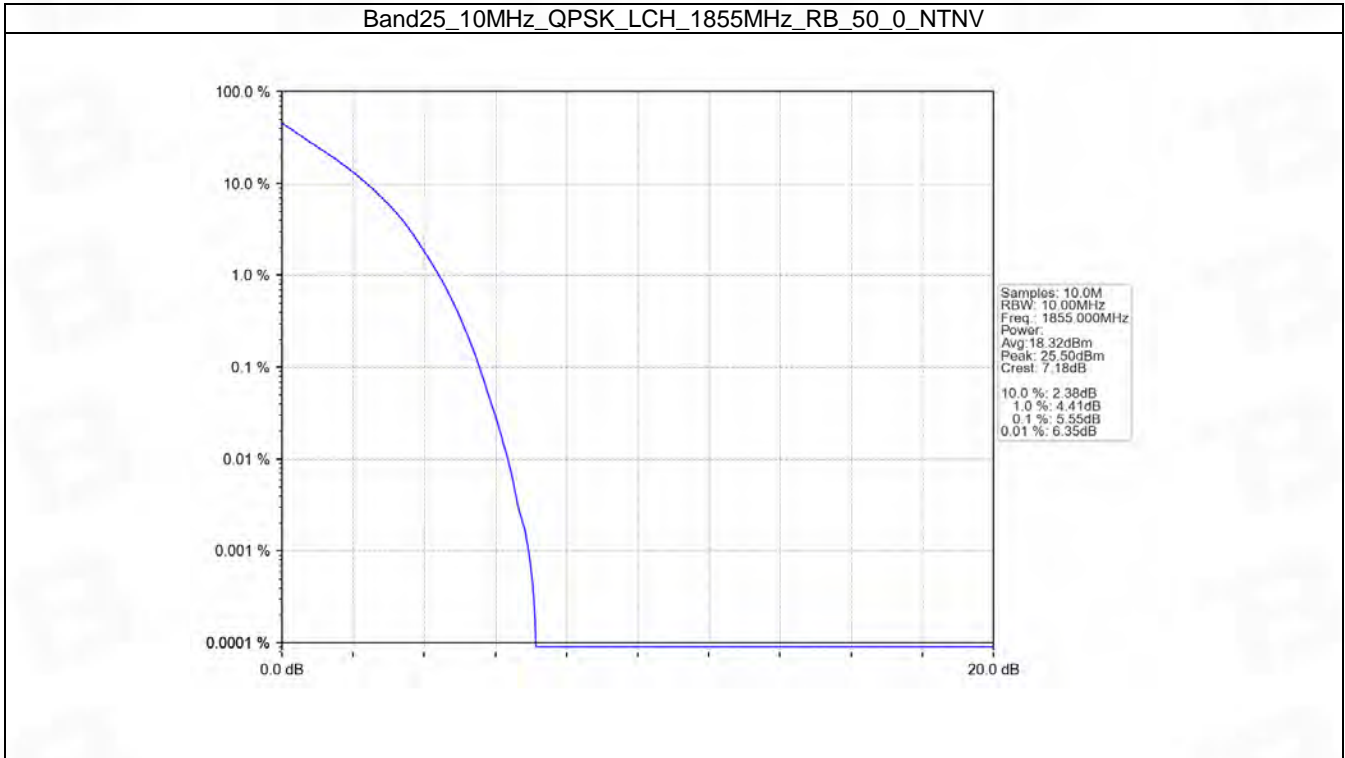


## 5.4 B25\_10MHz

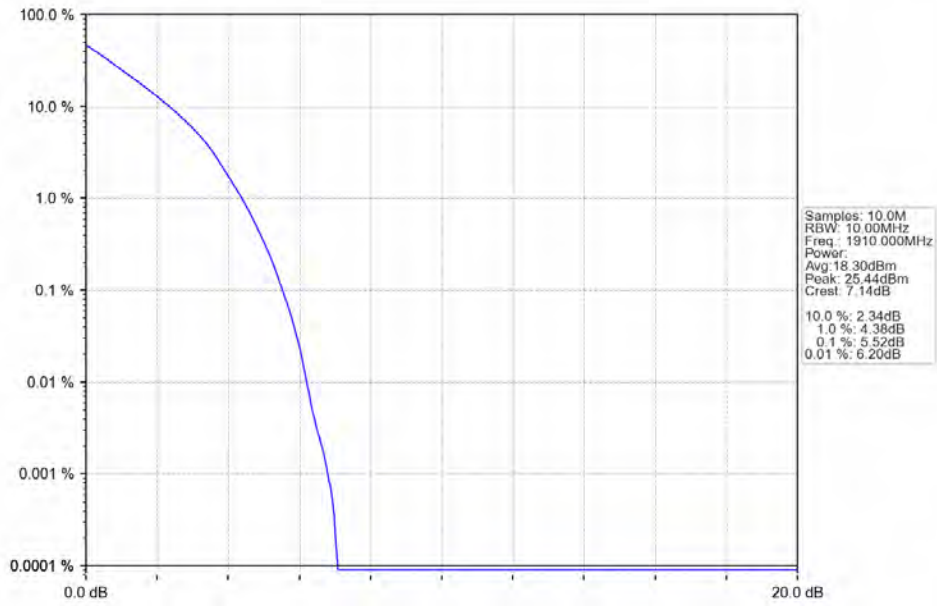
### 5.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.55	<=13	Pass
	1882.5	50	0	5.79	<=13	Pass
	1910	50	0	5.52	<=13	Pass
16QAM	1855	50	0	6.24	<=13	Pass
	1882.5	50	0	6.54	<=13	Pass
	1910	50	0	6.31	<=13	Pass

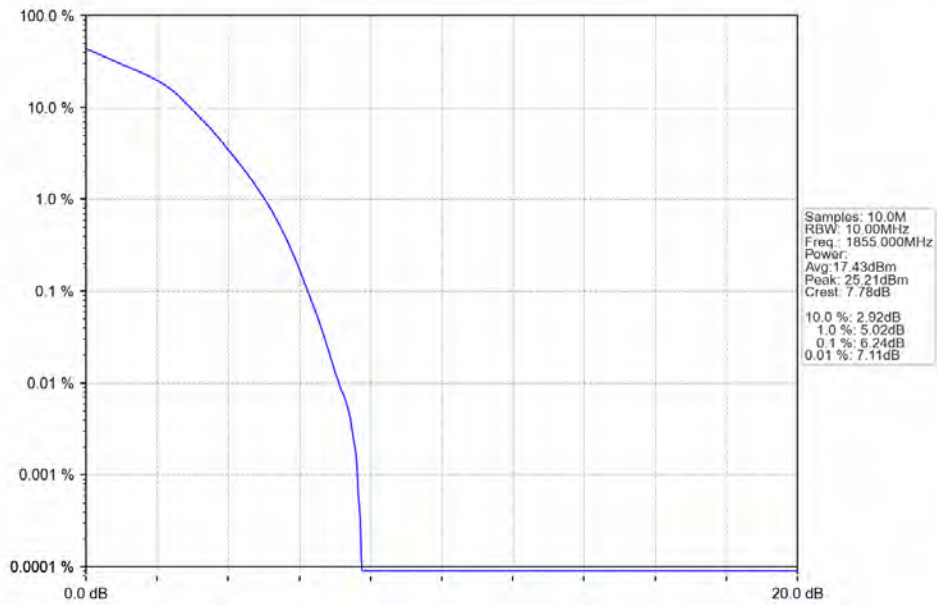
### 5.4.2 Test Graph



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

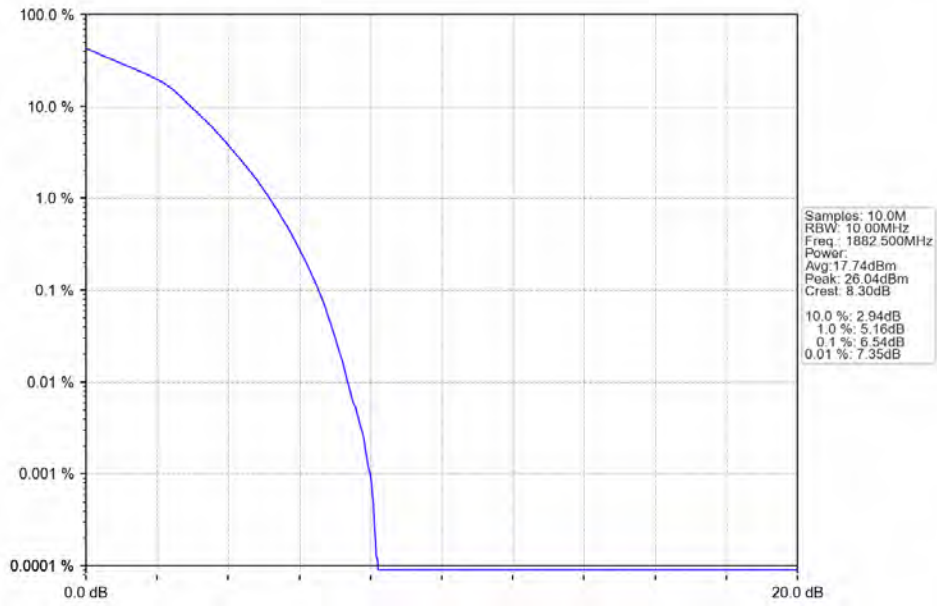


Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV

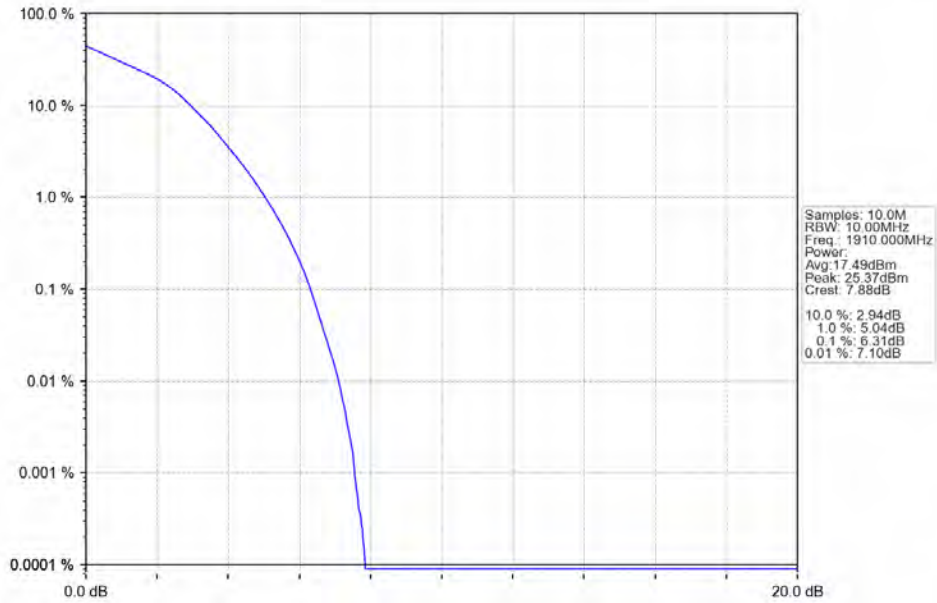




Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



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

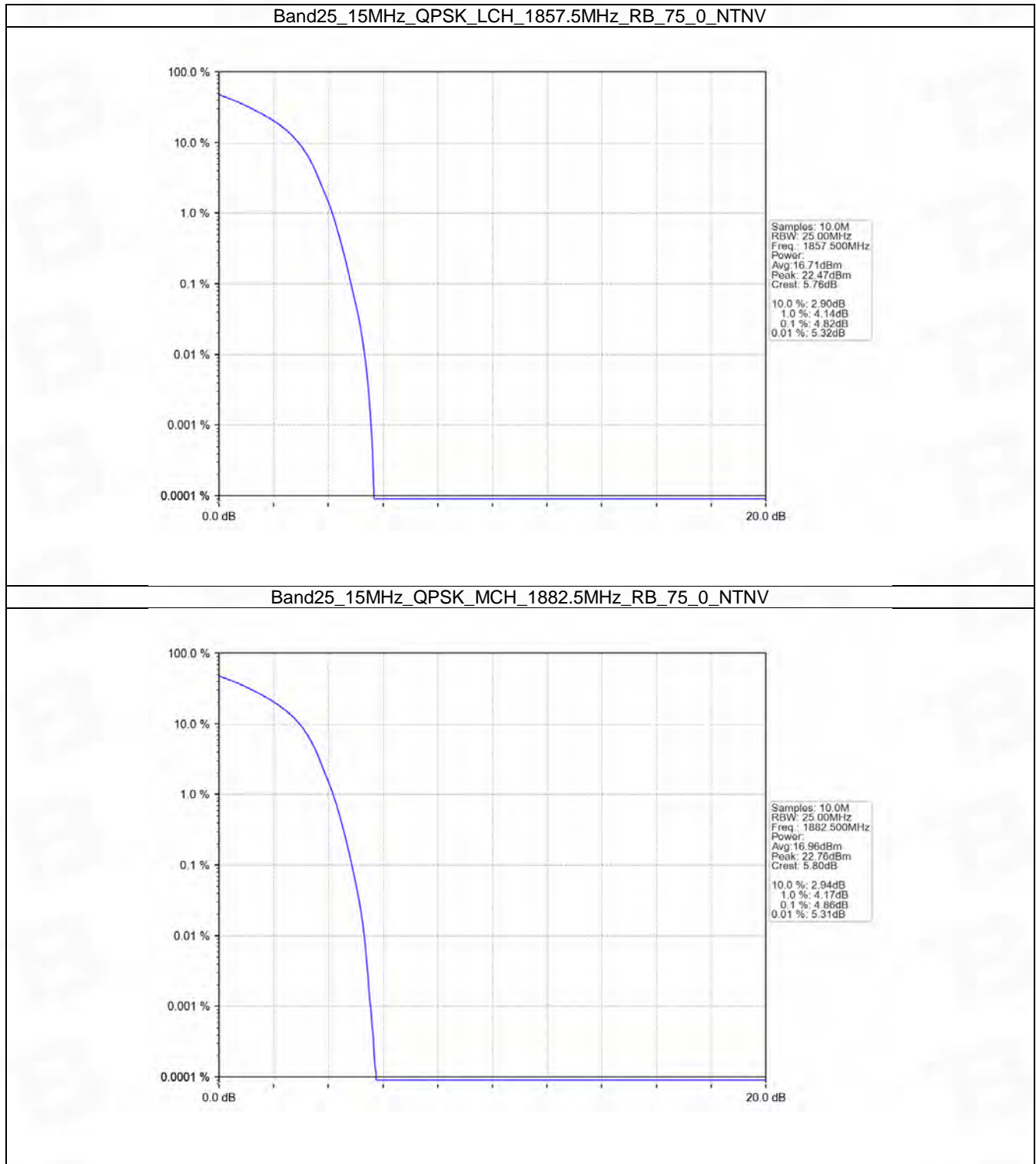


## 5.5 B25\_15MHz

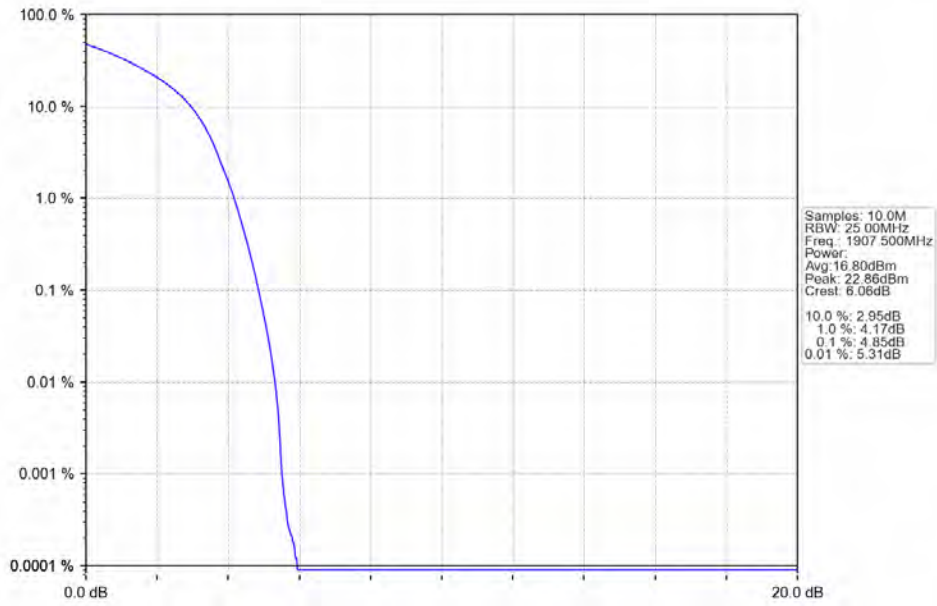
### 5.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	4.82	<=13	Pass
	1882.5	75	0	4.86	<=13	Pass
	1907.5	75	0	4.85	<=13	Pass
16QAM	1857.5	75	0	6.20	<=13	Pass
	1882.5	75	0	6.22	<=13	Pass
	1907.5	75	0	6.23	<=13	Pass

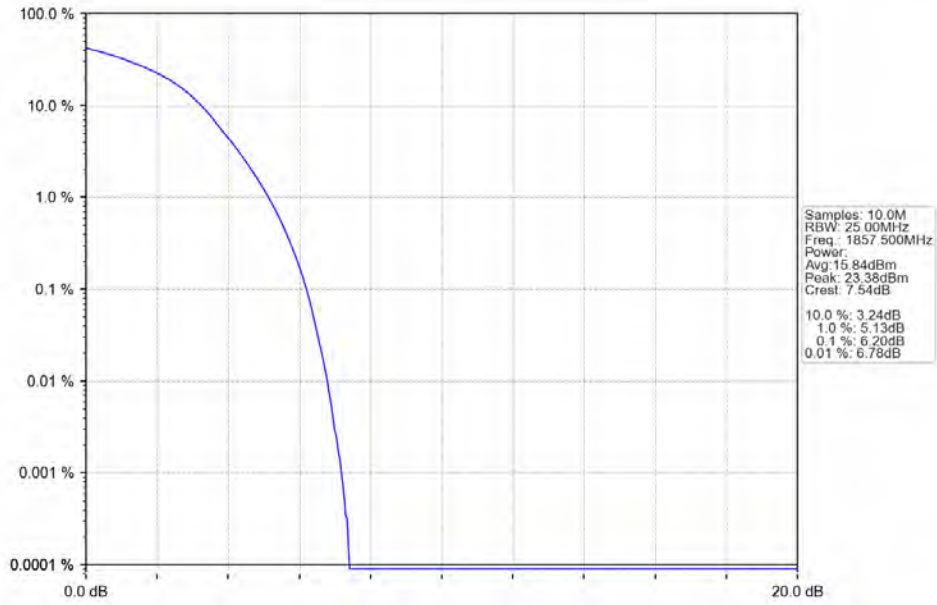
## 5.5.2 Test Graph



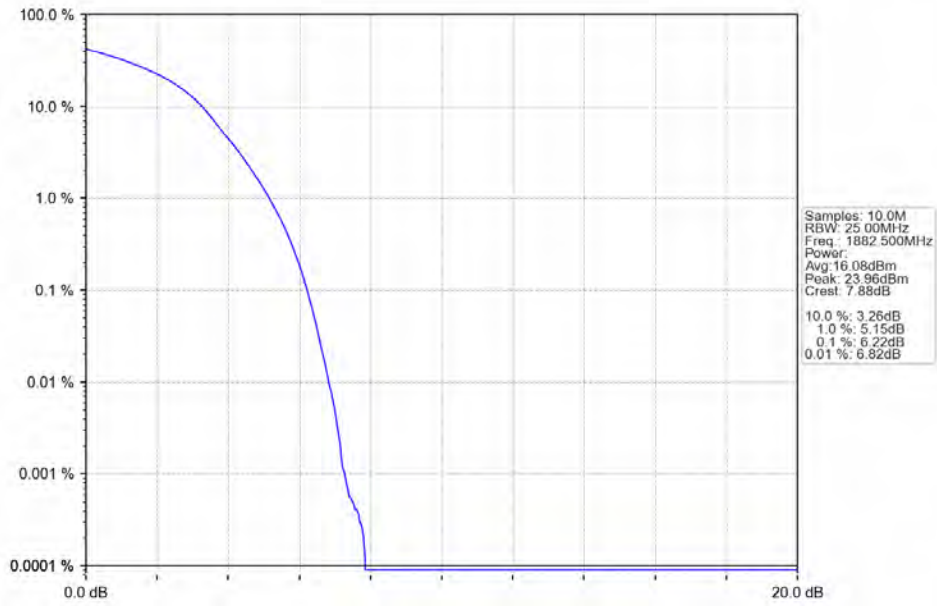
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



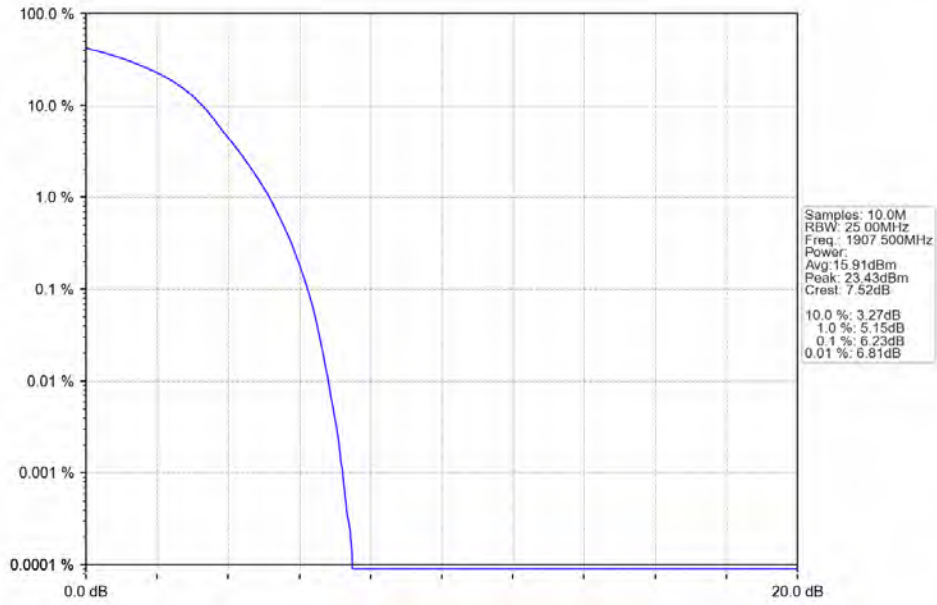
Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



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



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

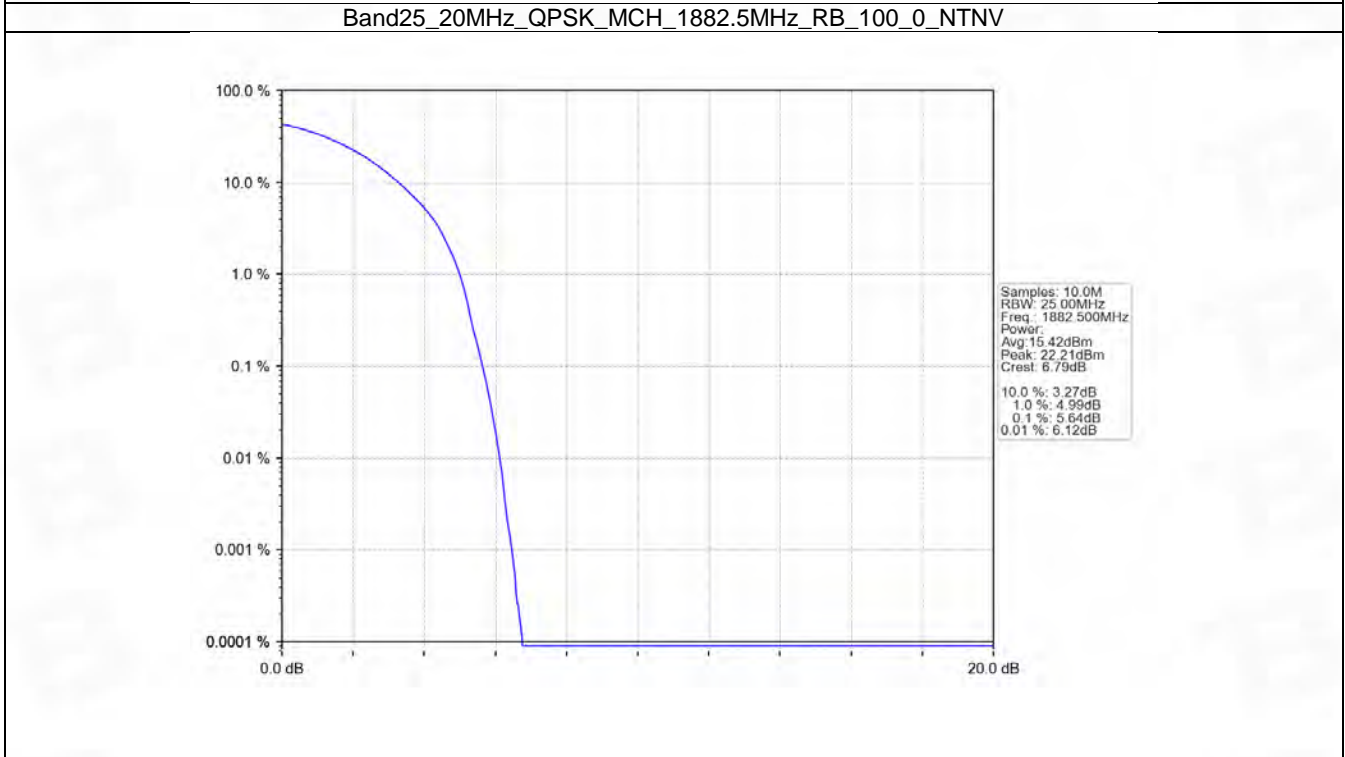
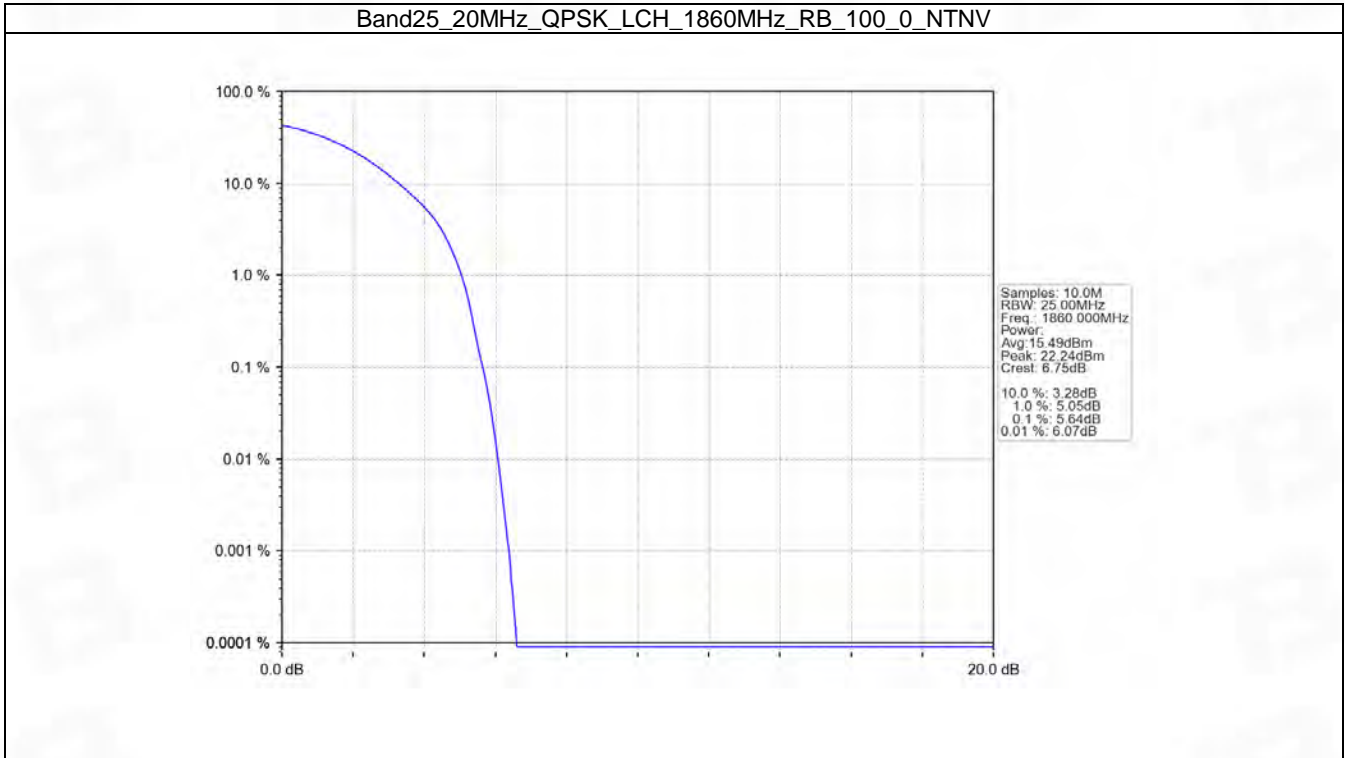


## 5.6 B25\_20MHz

### 5.6.1 Test Result

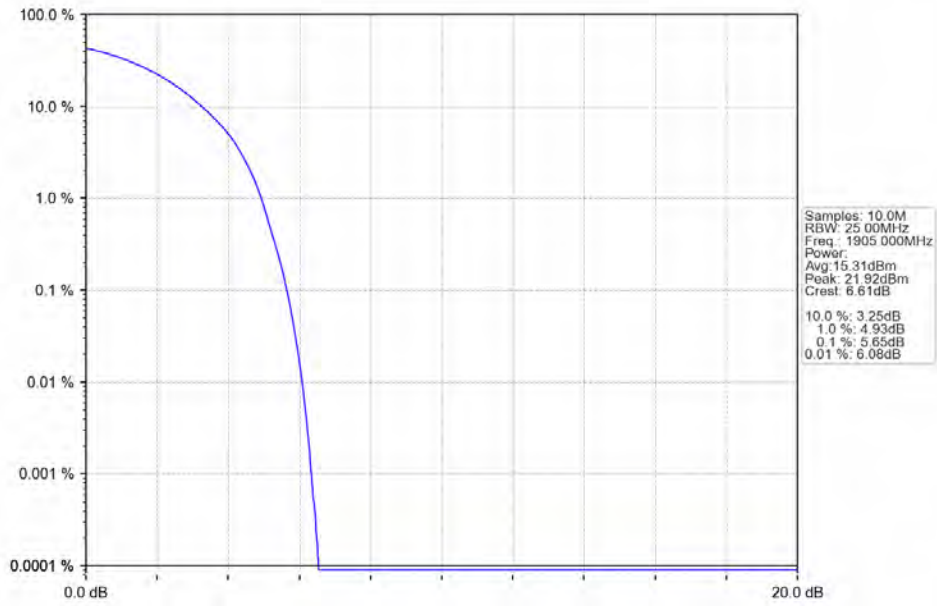
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.64	<=13	Pass
	1882.5	100	0	5.64	<=13	Pass
	1905	100	0	5.65	<=13	Pass
16QAM	1860	100	0	5.64	<=13	Pass
	1882.5	100	0	5.65	<=13	Pass
	1905	100	0	5.63	<=13	Pass

### 5.6.2 Test Graph

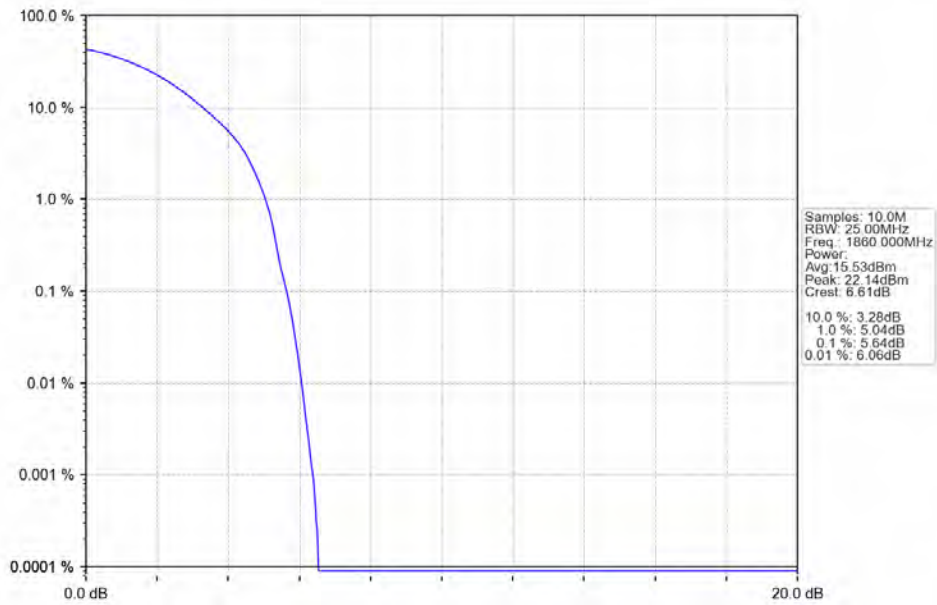




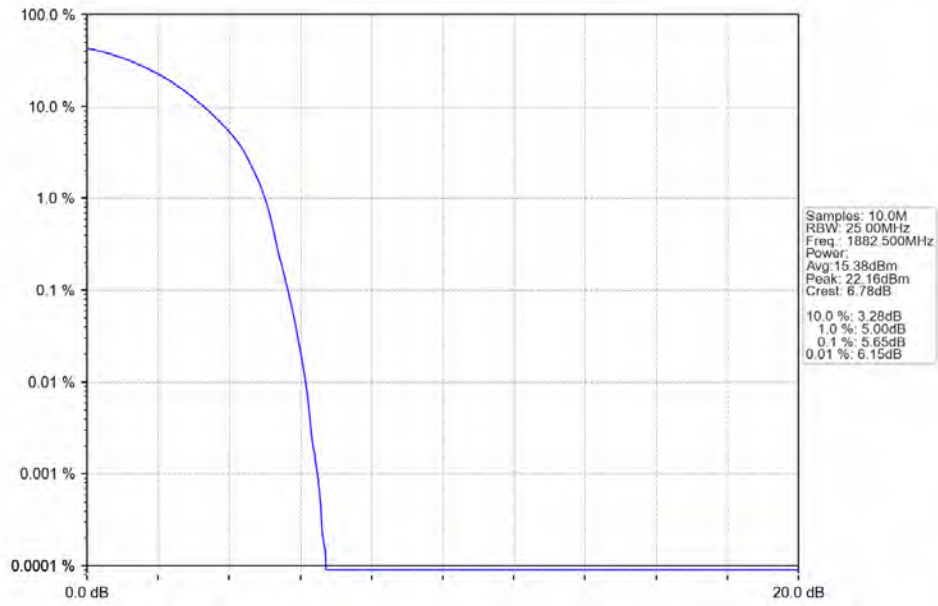
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV



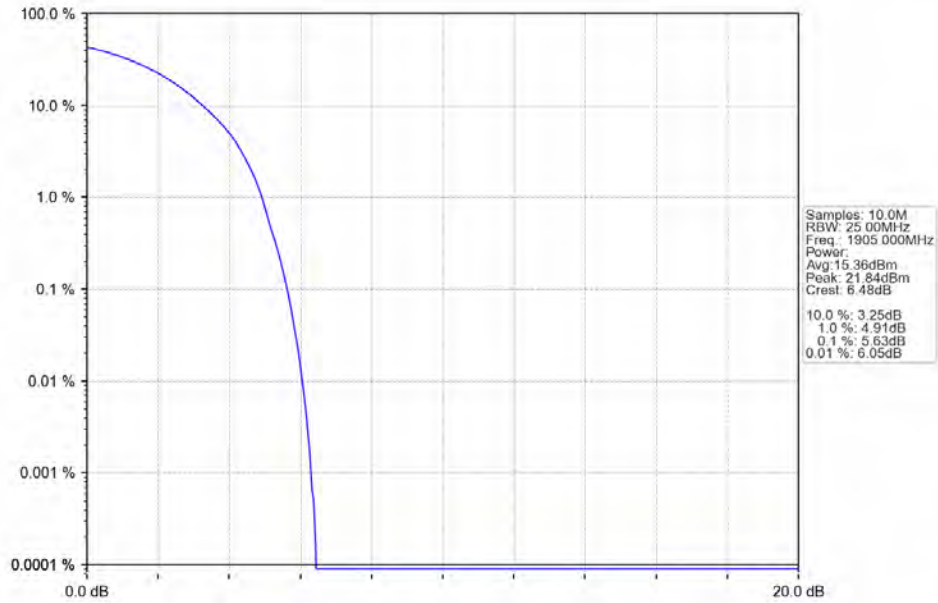
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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



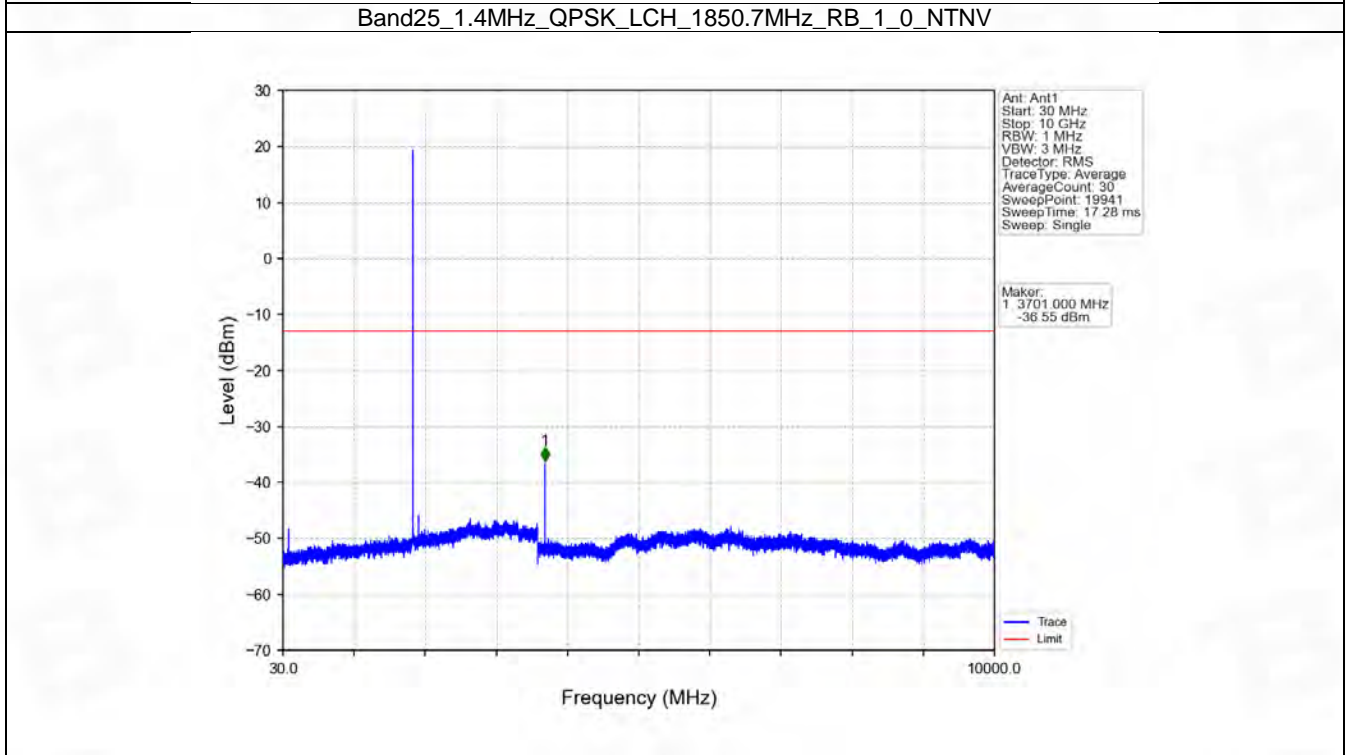
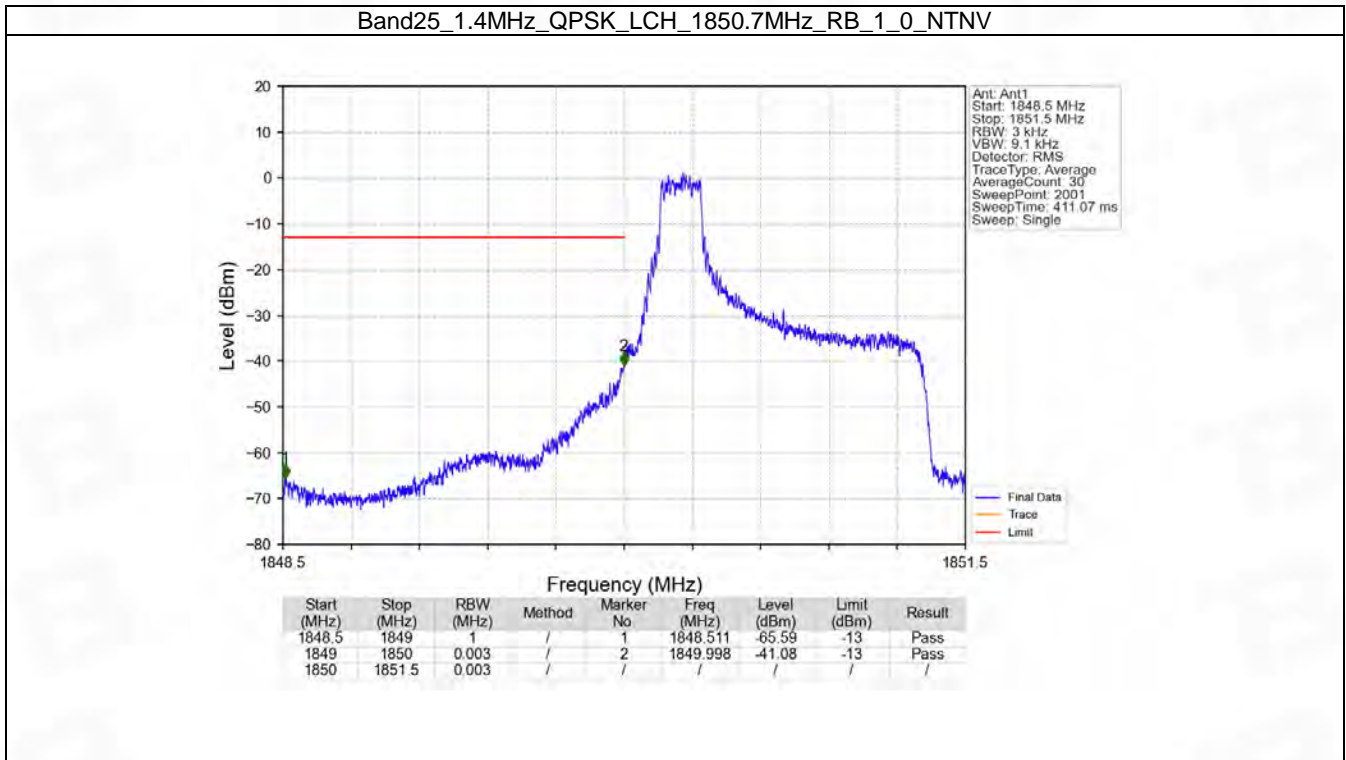
## 6. Spurious Emission

### 6.1 B25\_1.4MHz

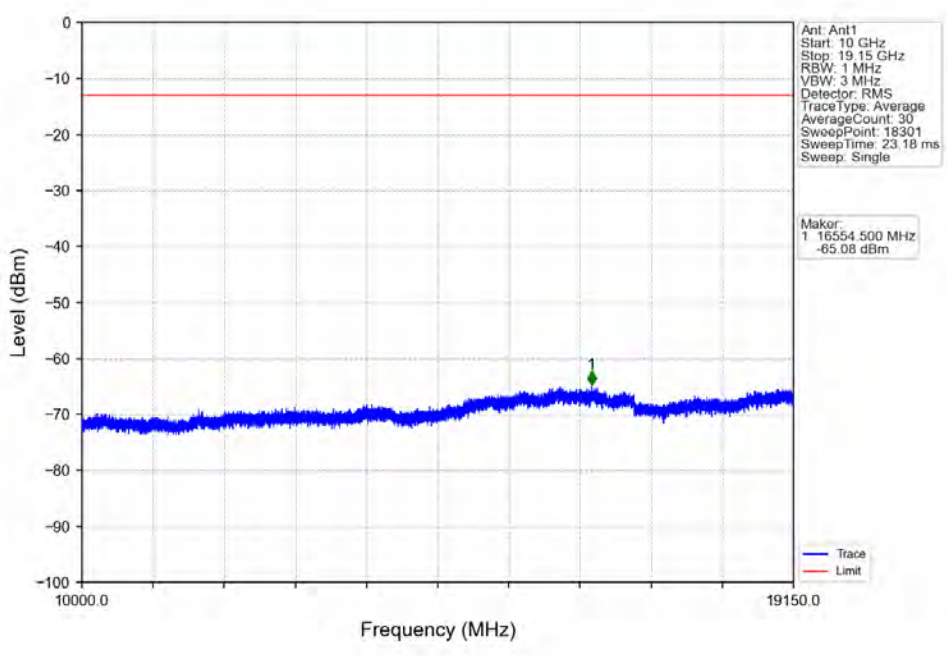
#### 6.1.1 Test Result

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
	1882.5	1	0	Refer To Test Graph		Pass
		1914.3	1	0	Refer To Test Graph	
				5	Refer To Test Graph	
			6	0	Refer To Test Graph	
16QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
		1914.3	1	0	Refer To Test Graph	
				5	Refer To Test Graph	
			6	0	Refer To Test Graph	

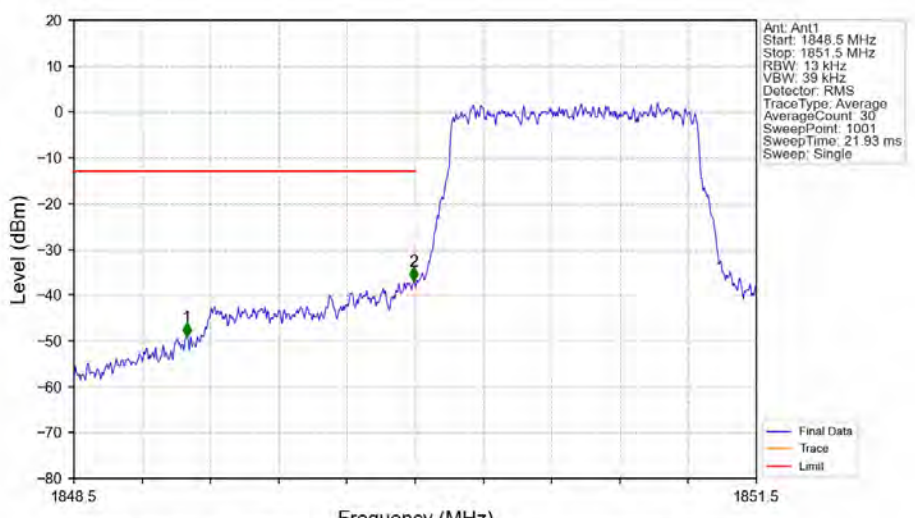
### 6.1.2 Test Graph



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

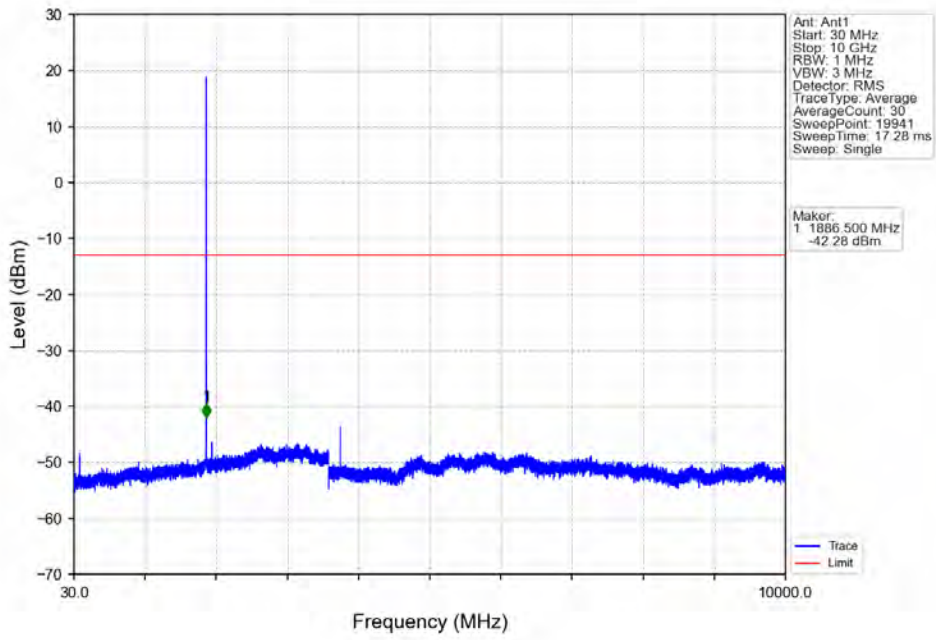


Band25\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

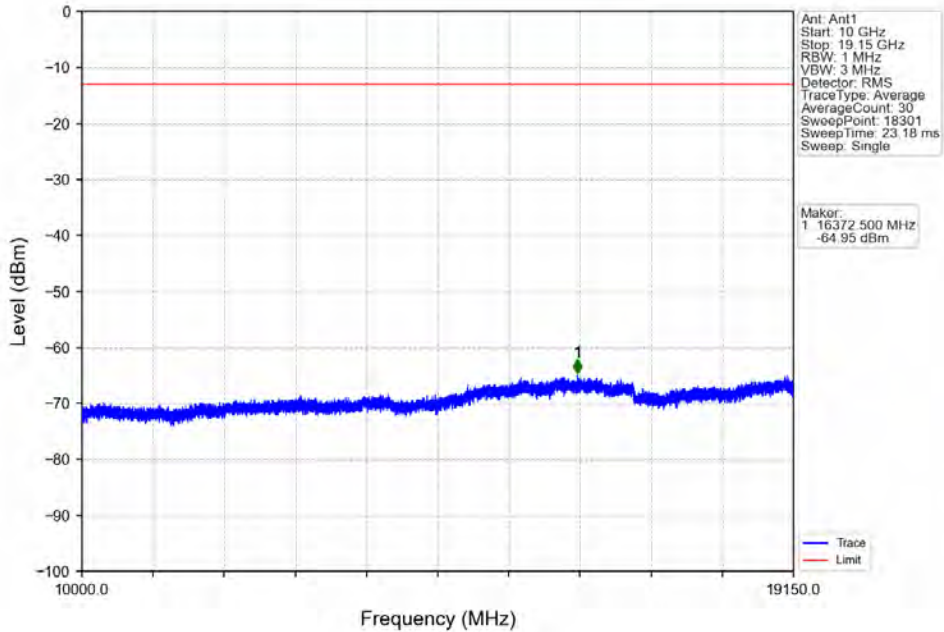


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.995	-49.19	-13	Pass
1849	1850	0.013	/	2	1849.994	-36.95	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

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

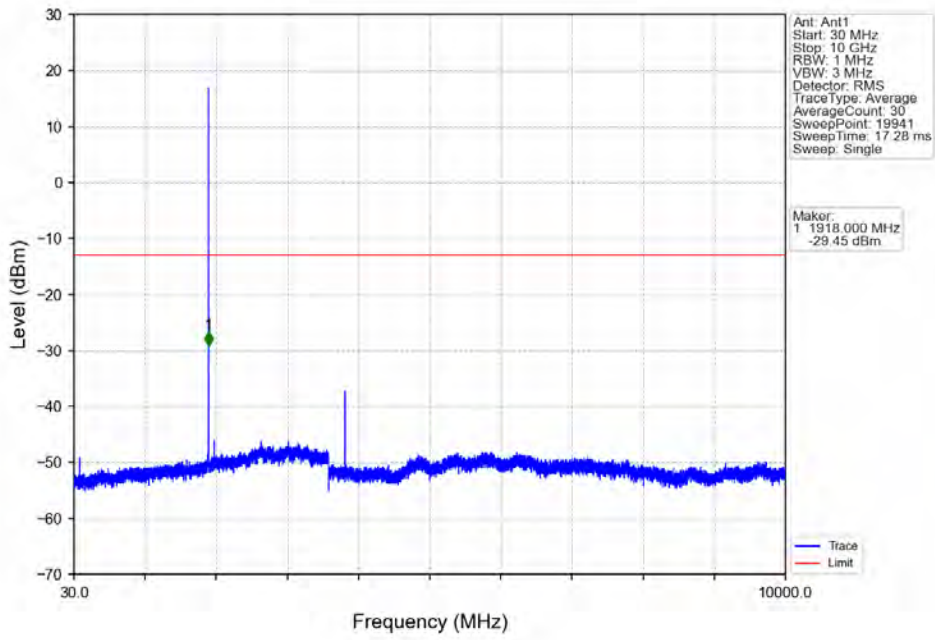


Band25\_1.4MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV

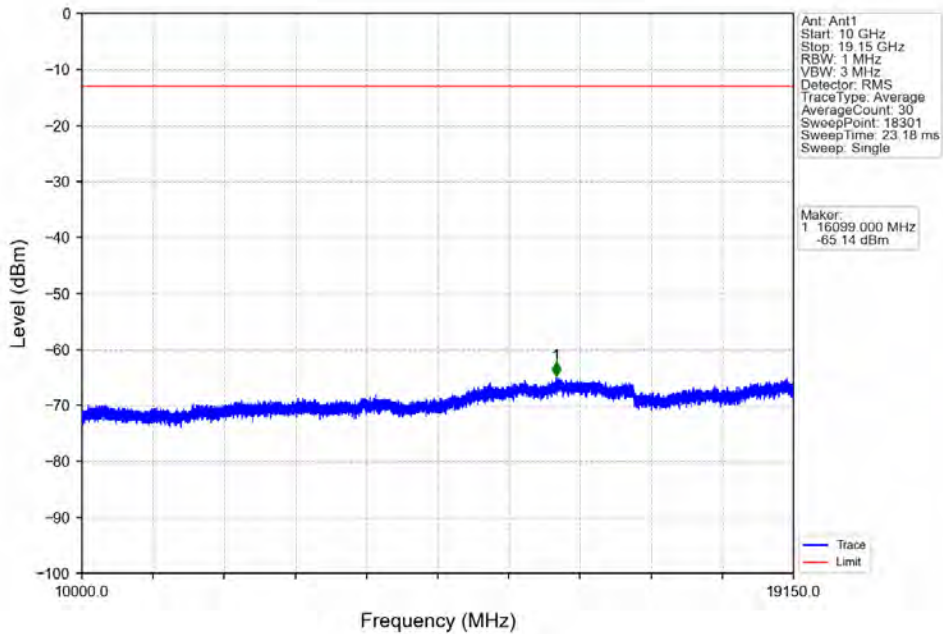




Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV

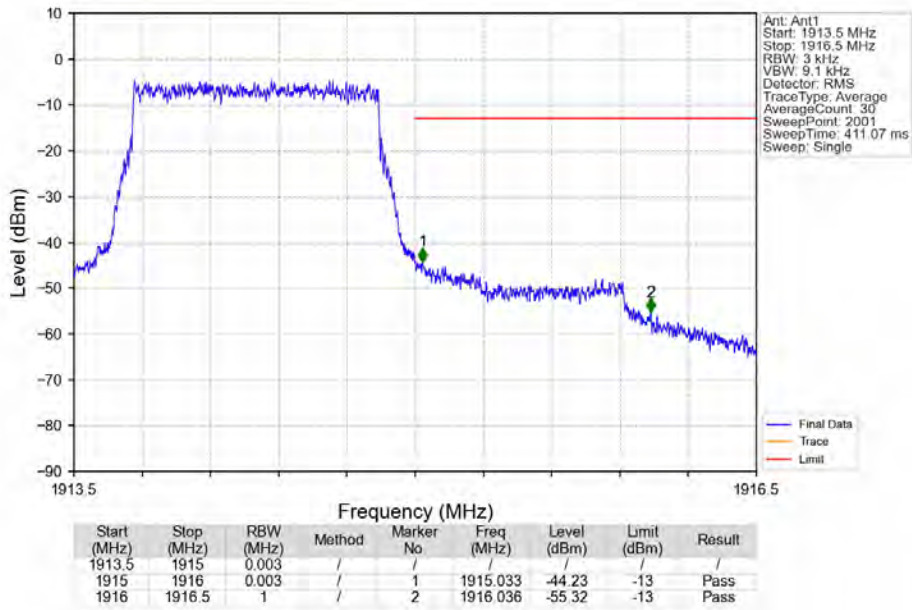


Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV

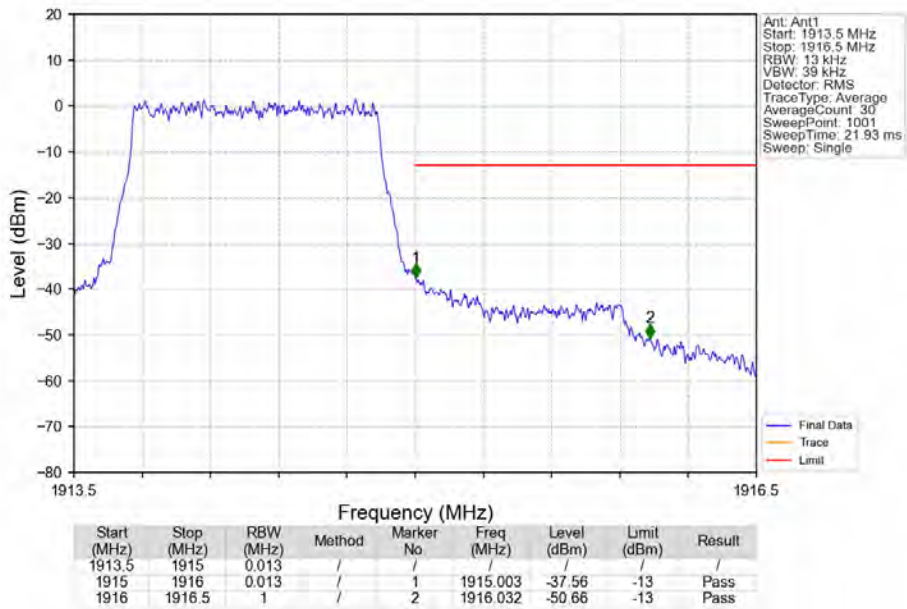




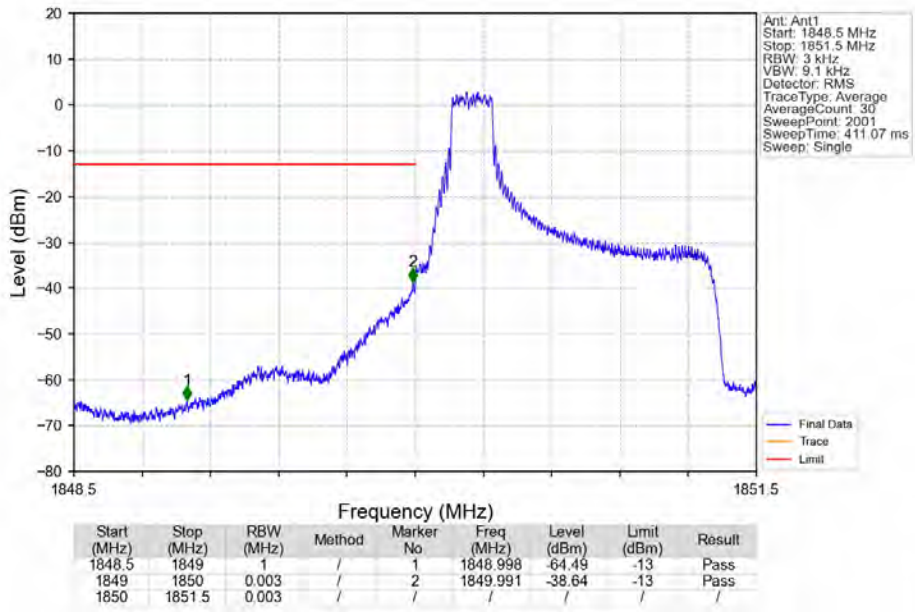
Band25 1.4MHz QPSK\_HCH\_1914.3MHz\_RB\_1\_5\_NTNV



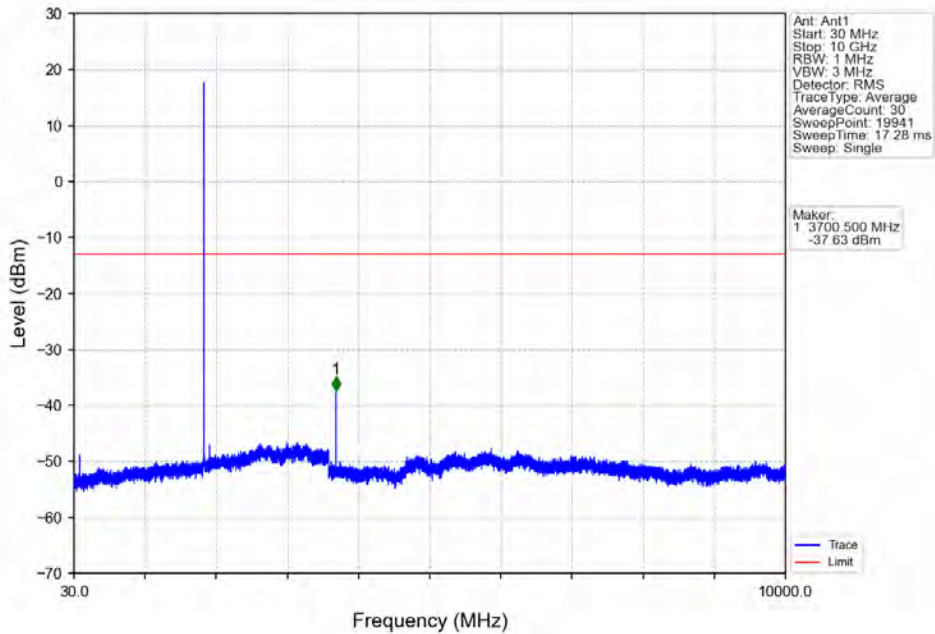
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



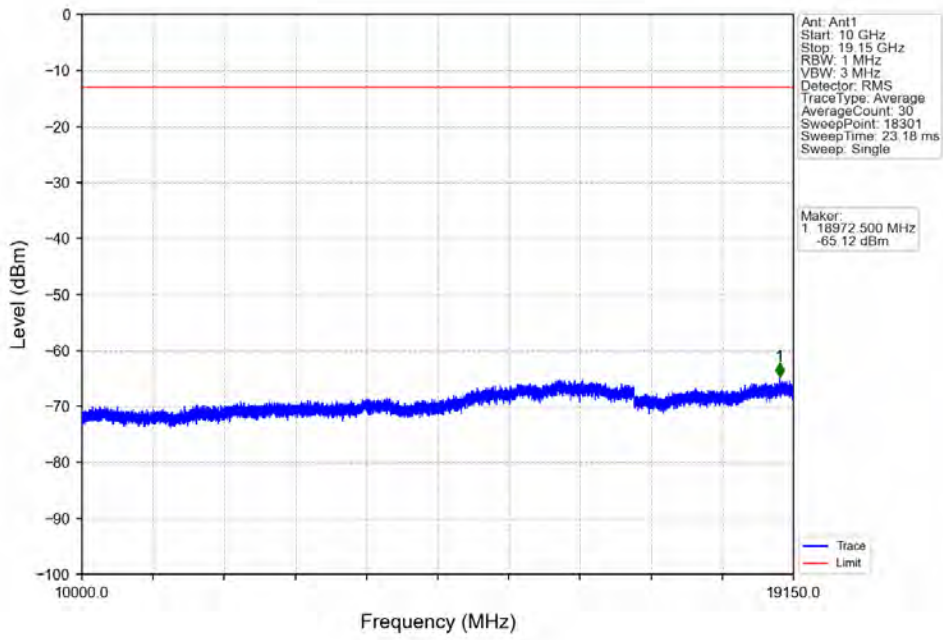
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



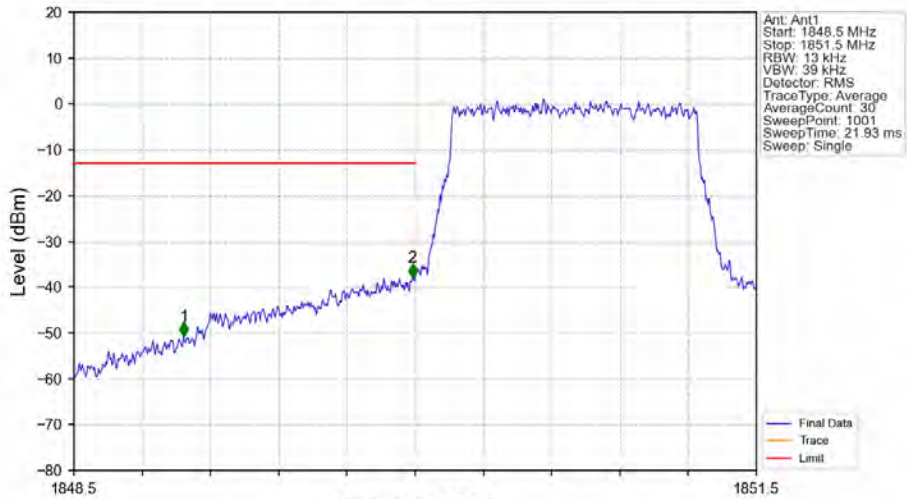
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



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

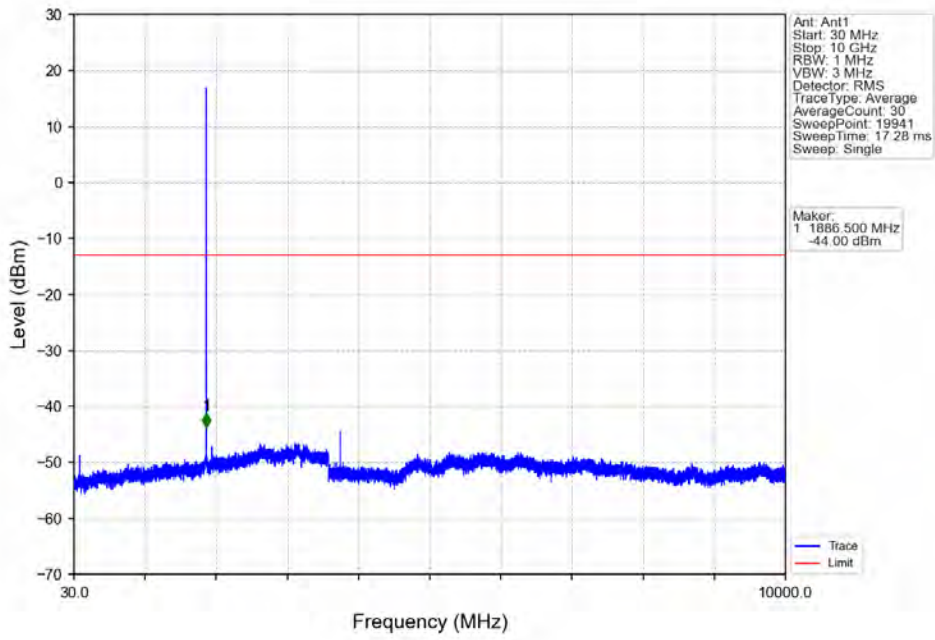


Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

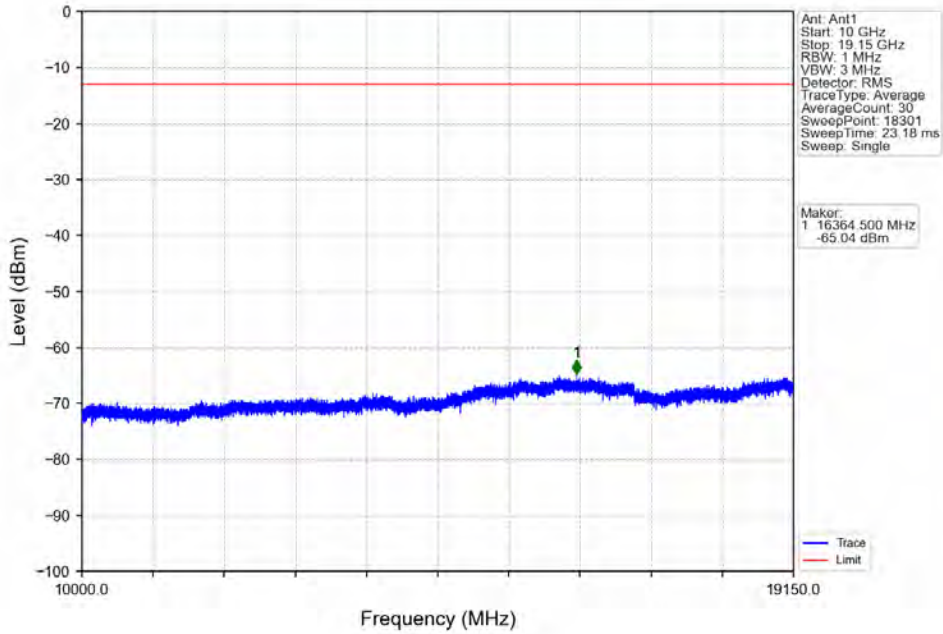


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.983	-50.76	-13	Pass
1849	1850	0.013	/	2	1849.988	-37.93	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

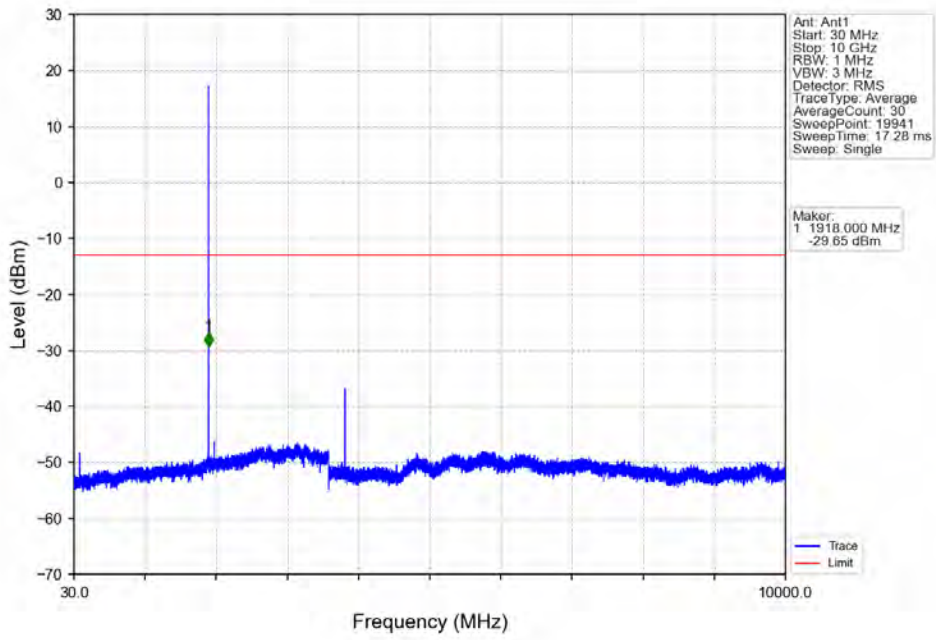
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



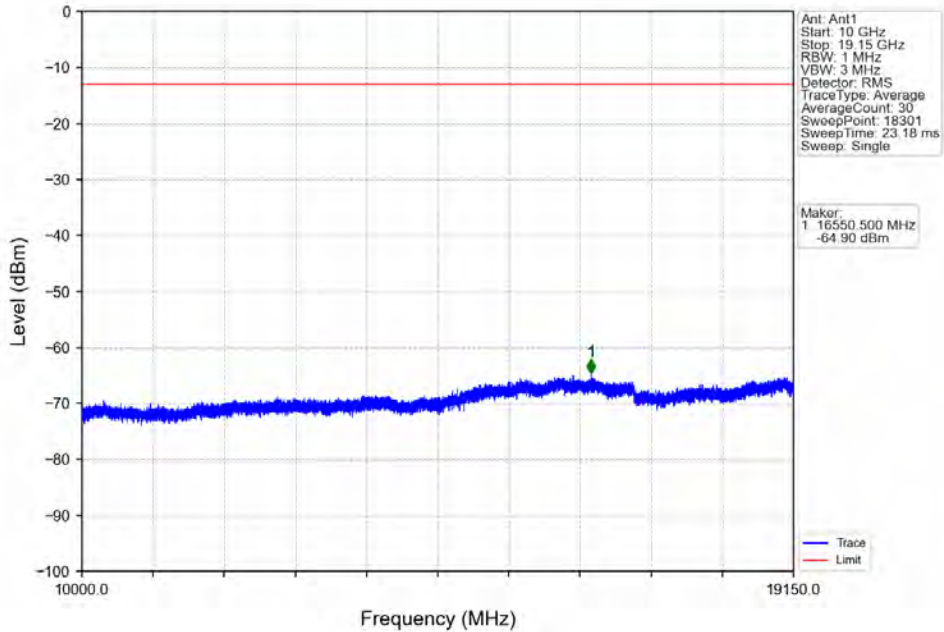
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



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

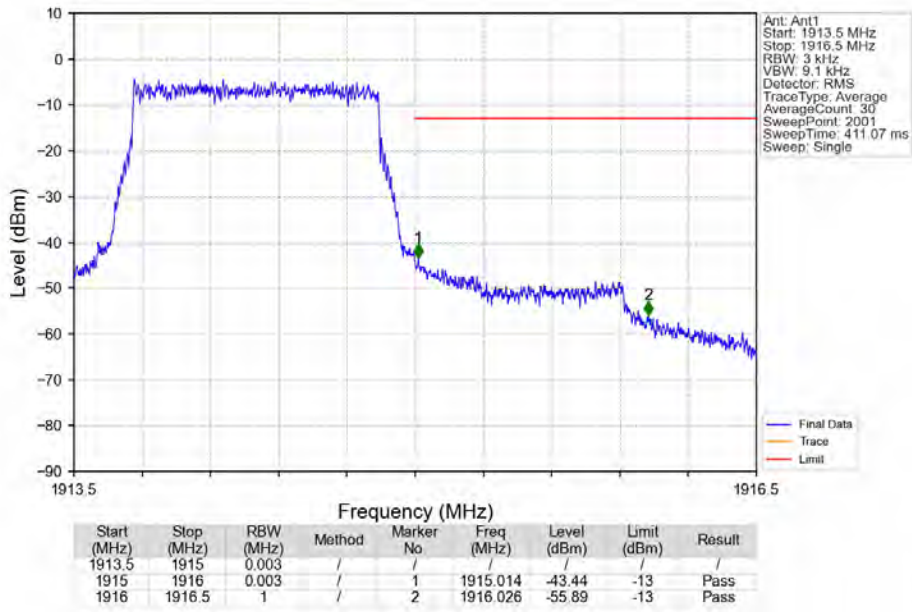


Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV

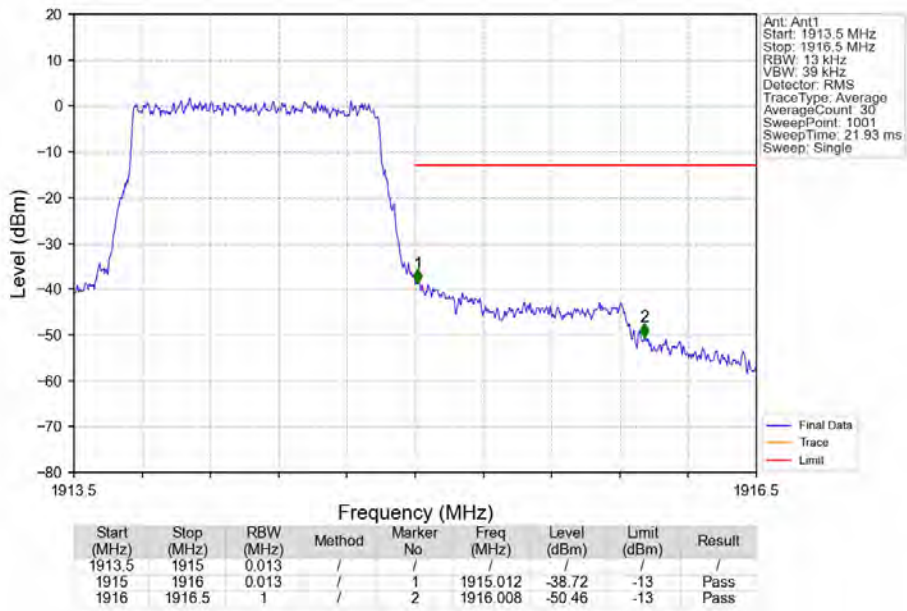




Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_1\_5\_NTNV



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

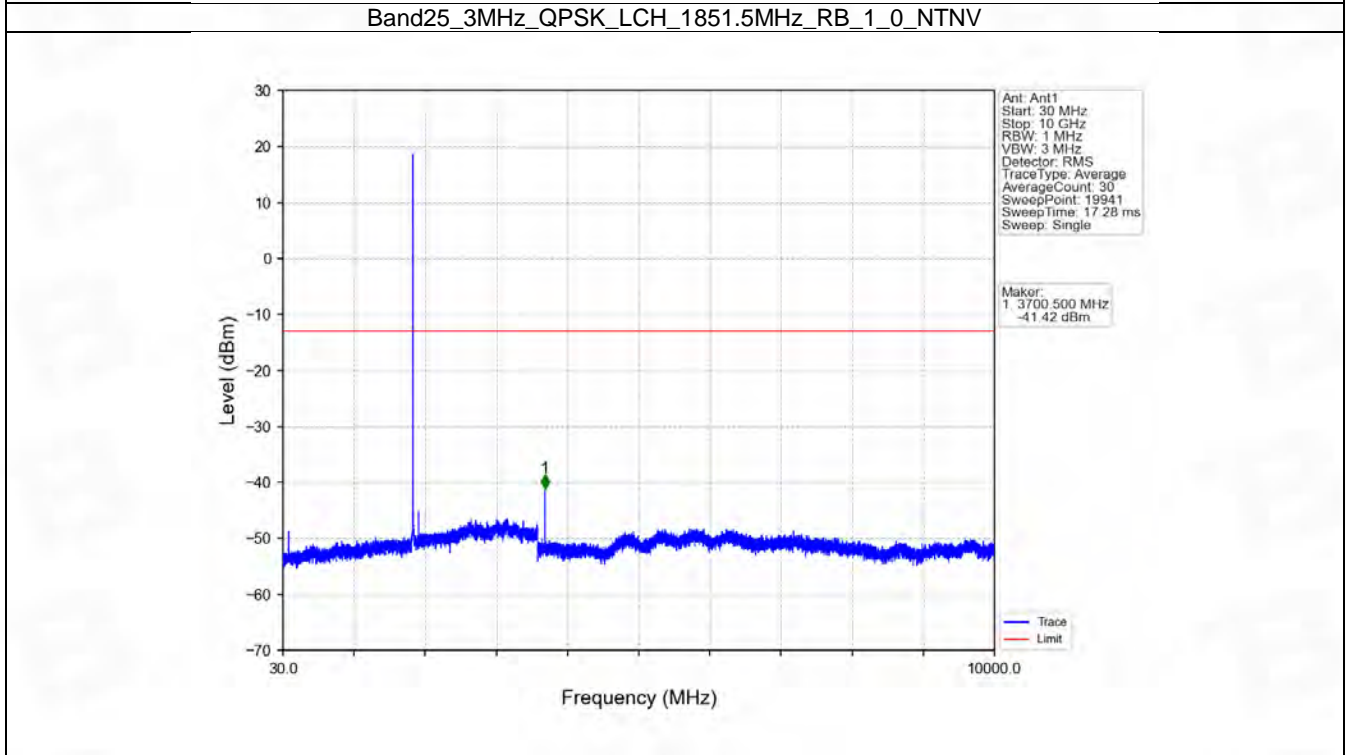
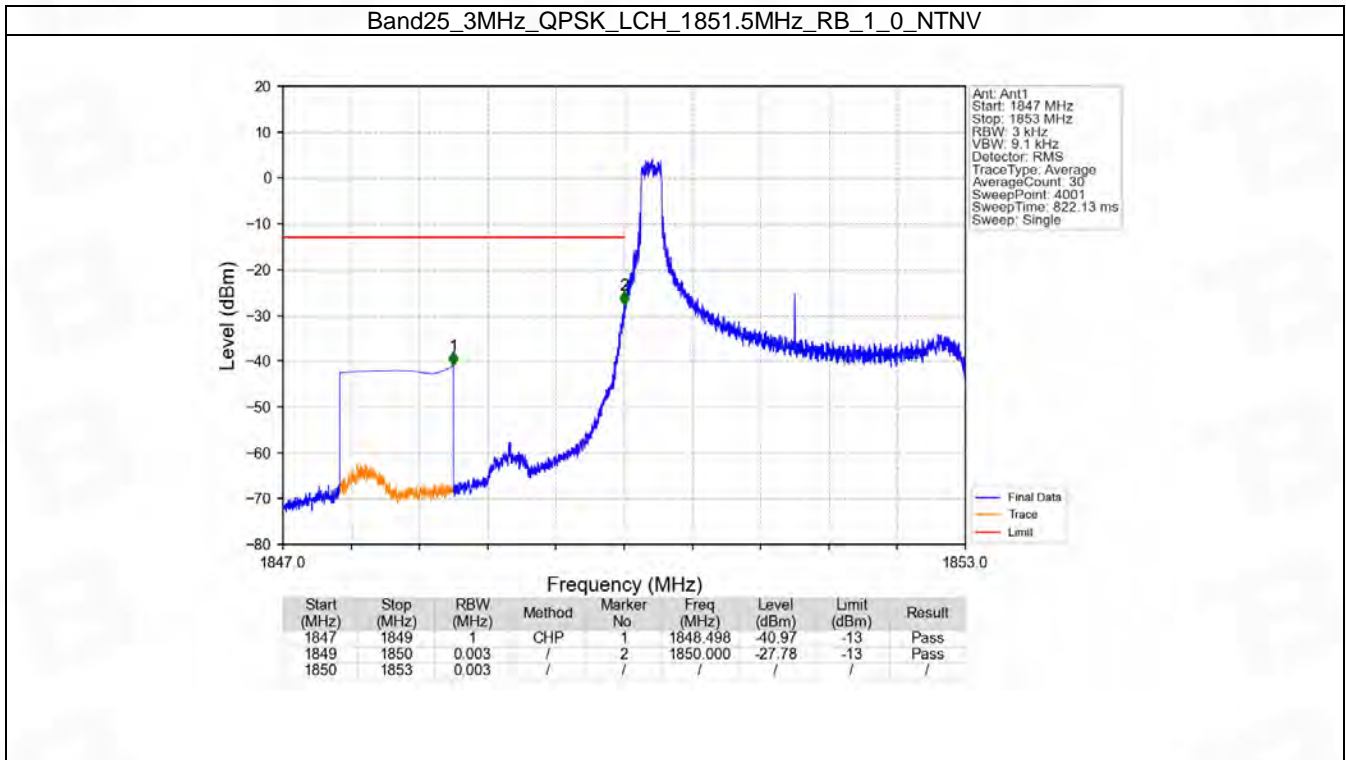


## 6.2 B25\_3MHz

### 6.2.1 Test Result

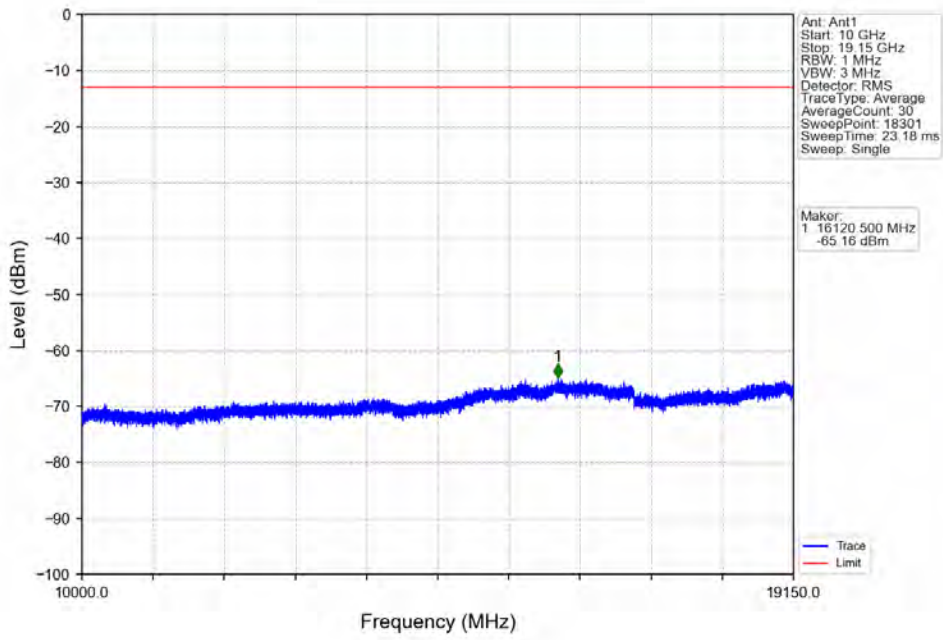
Band: 25 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1913.5	1	0	Refer To Test Graph		Pass
		1	14	Refer To Test Graph		Pass
		15	0	Refer To Test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

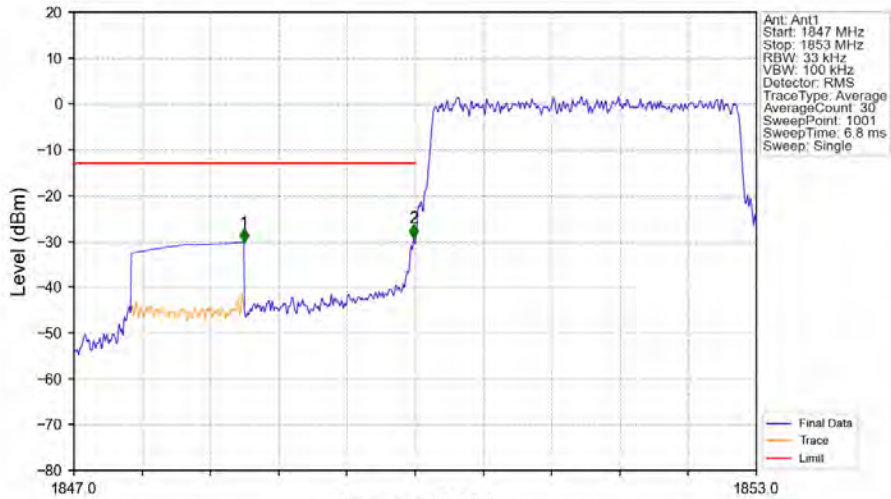




Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV

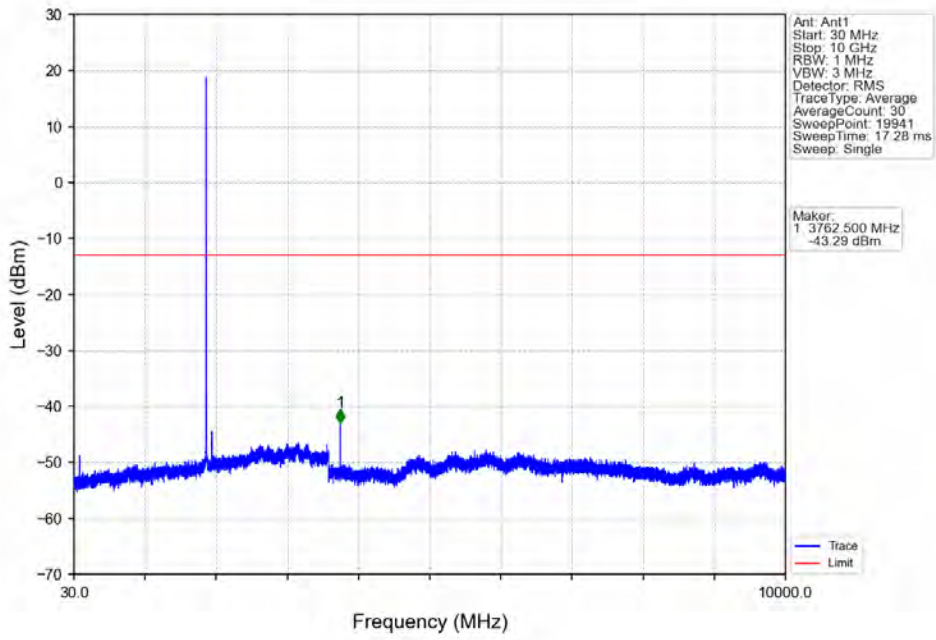


Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

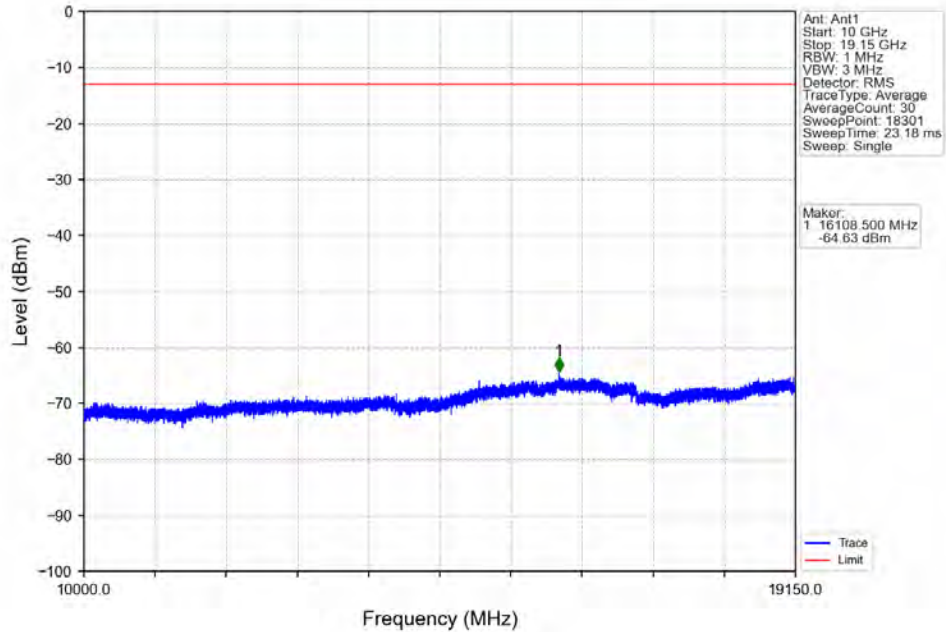


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-30.21	-13	Pass
1849	1850	0.033	/	2	1849.988	-29.31	-13	Pass
1850	1853	0.033	/	/	/	/	/	/

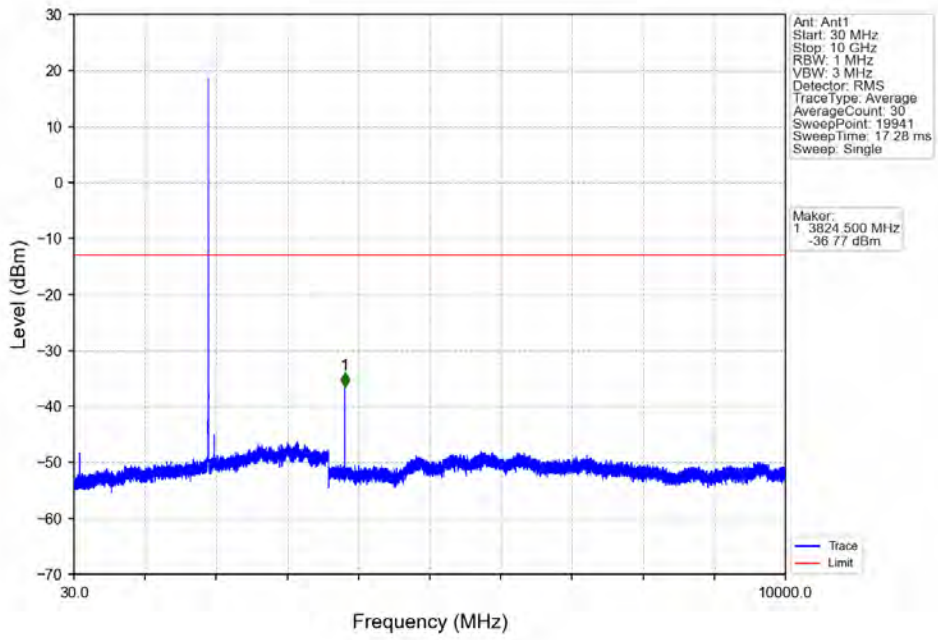
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



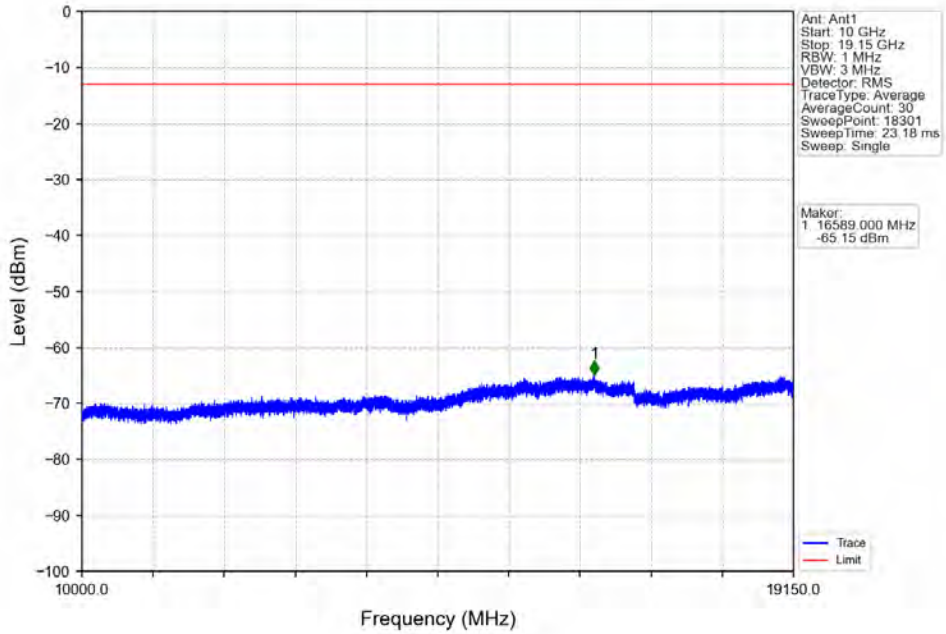
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



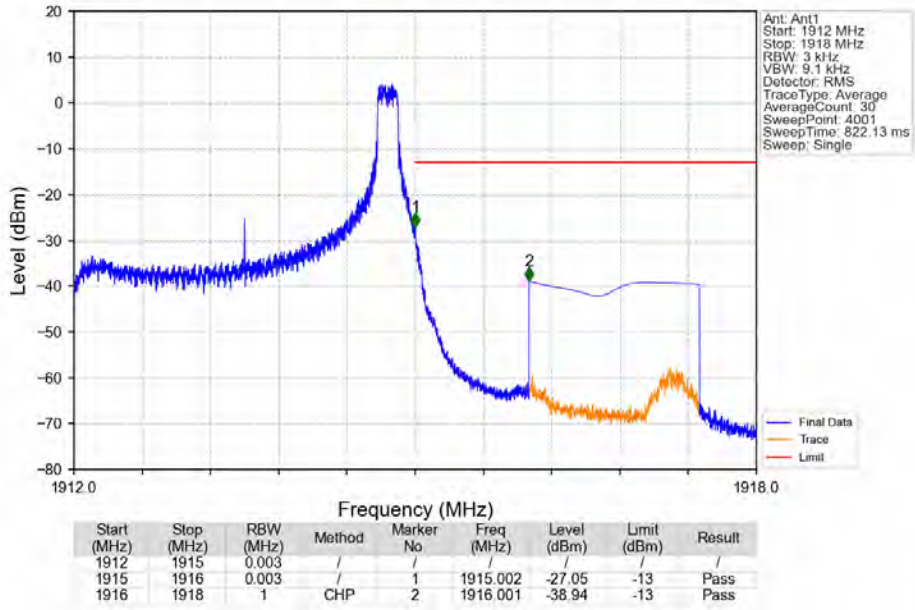
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_1\_0\_NTNV



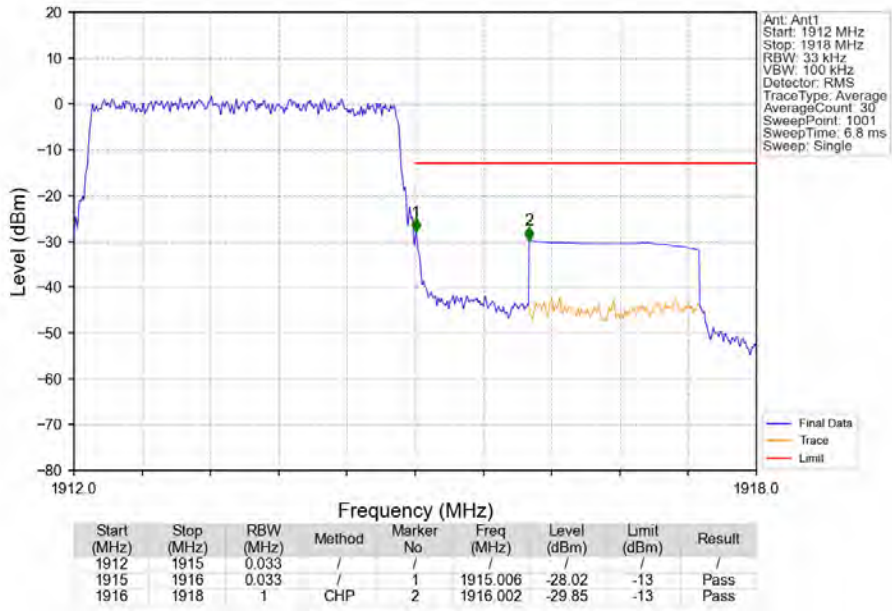
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_1\_0\_NTNV



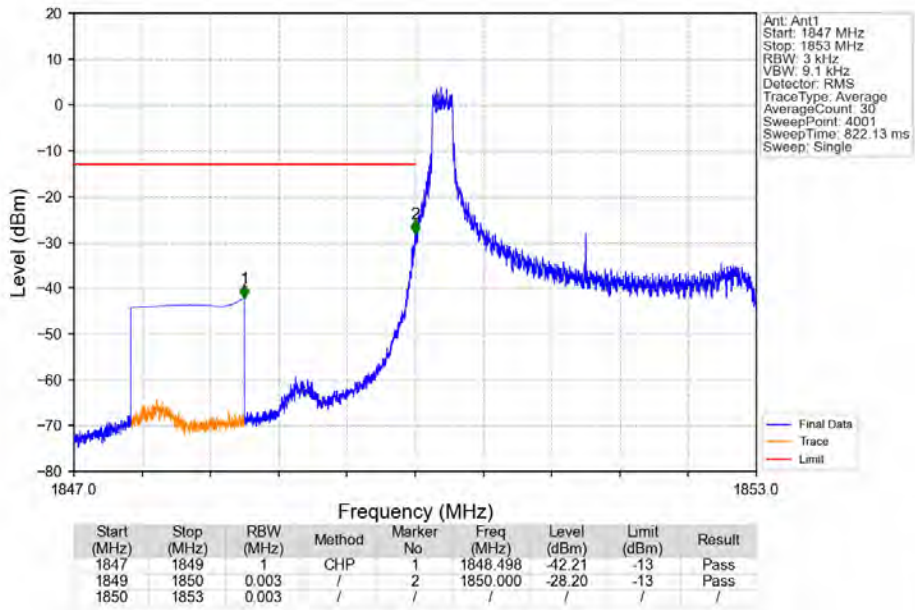
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_1\_14\_NTNV



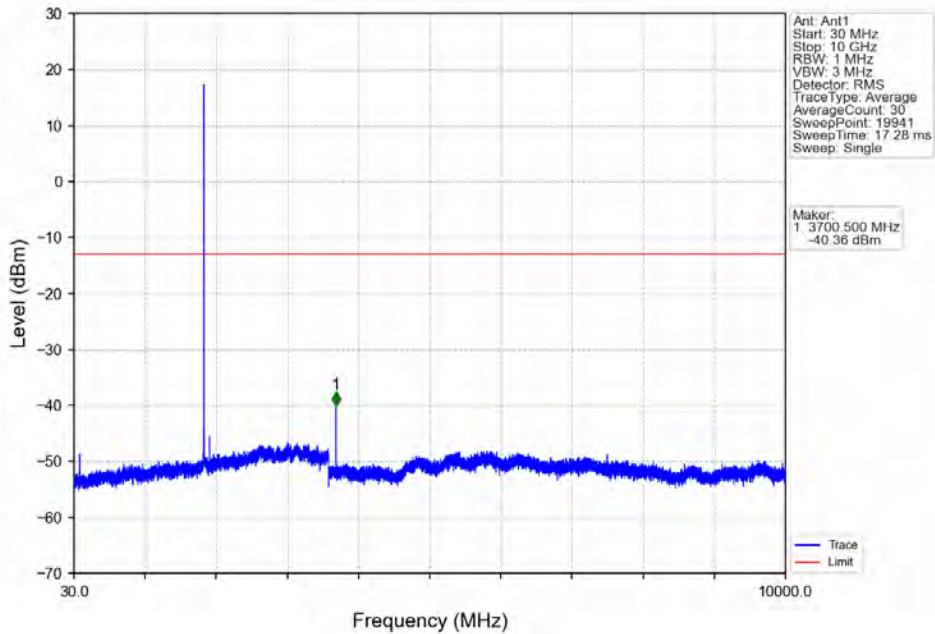
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



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

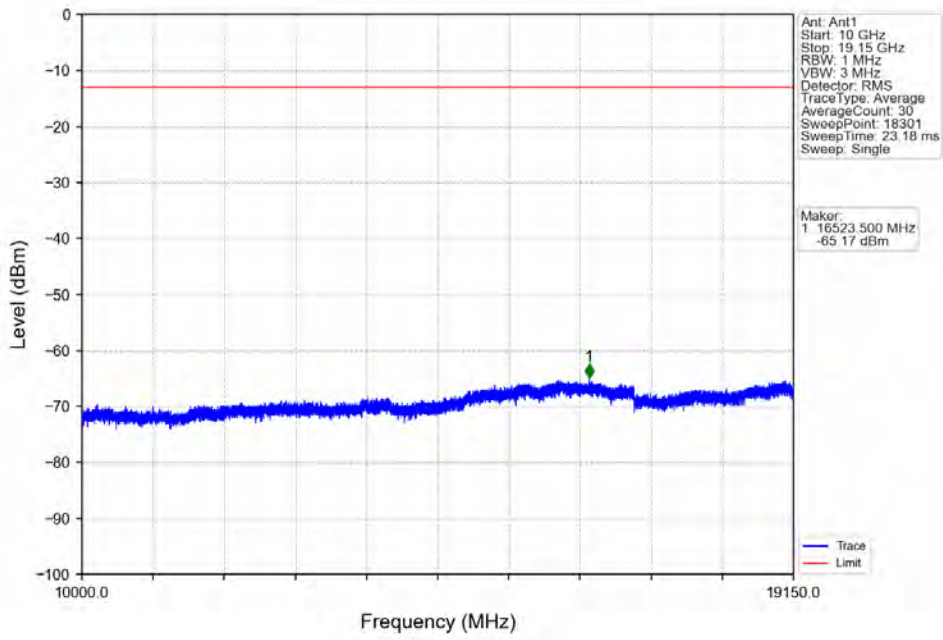


Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV

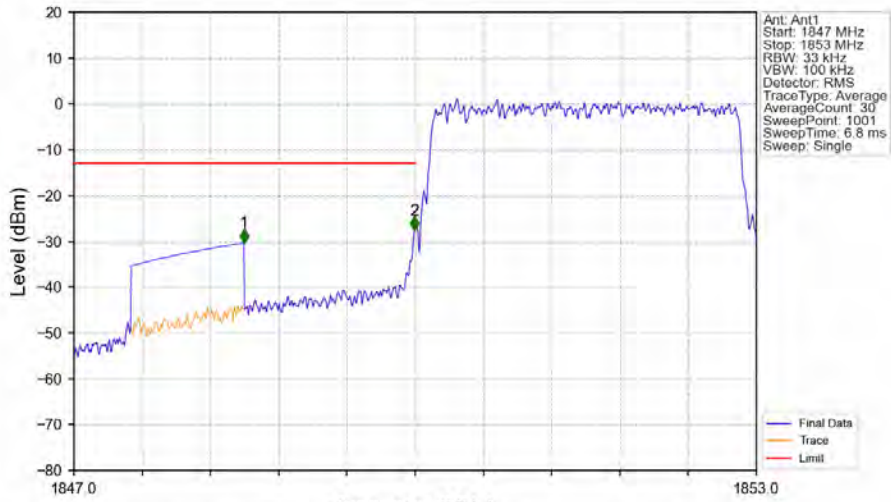




Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV

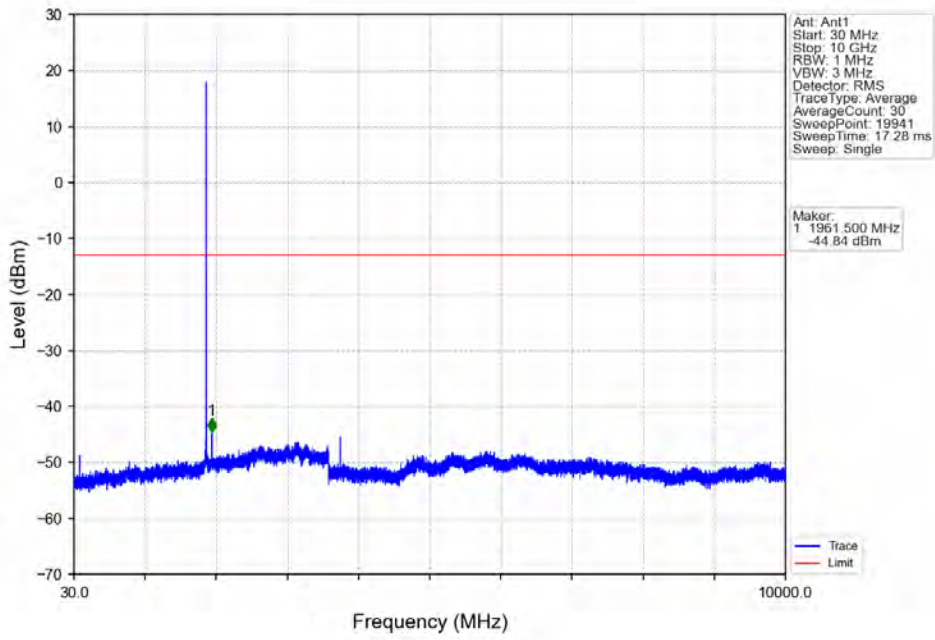


Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

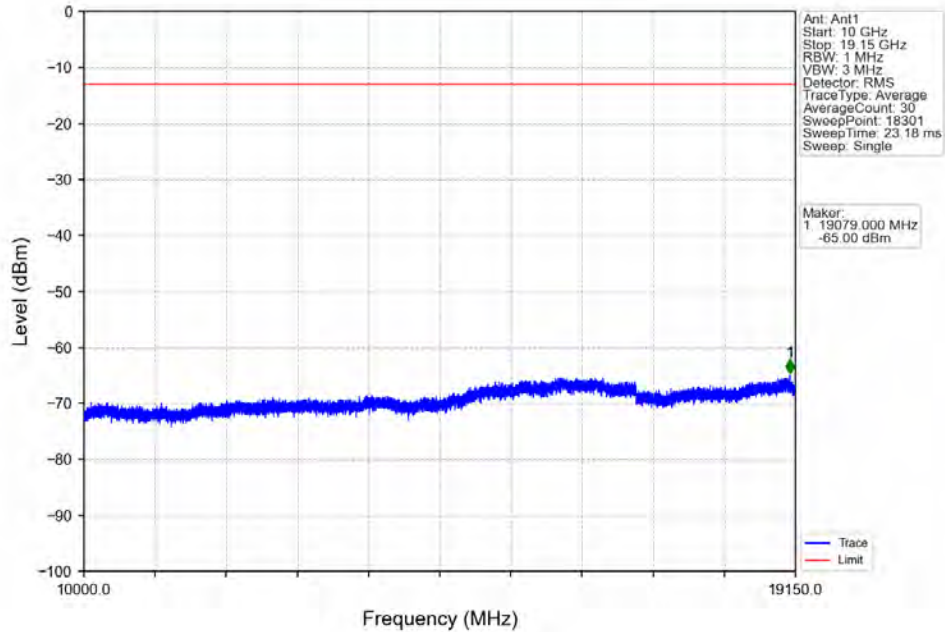


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-30.36	-13	Pass
1849	1850	0.033	/	2	1849.994	-27.63	-13	Pass
1850	1853	0.033	/	/	/	/	/	/

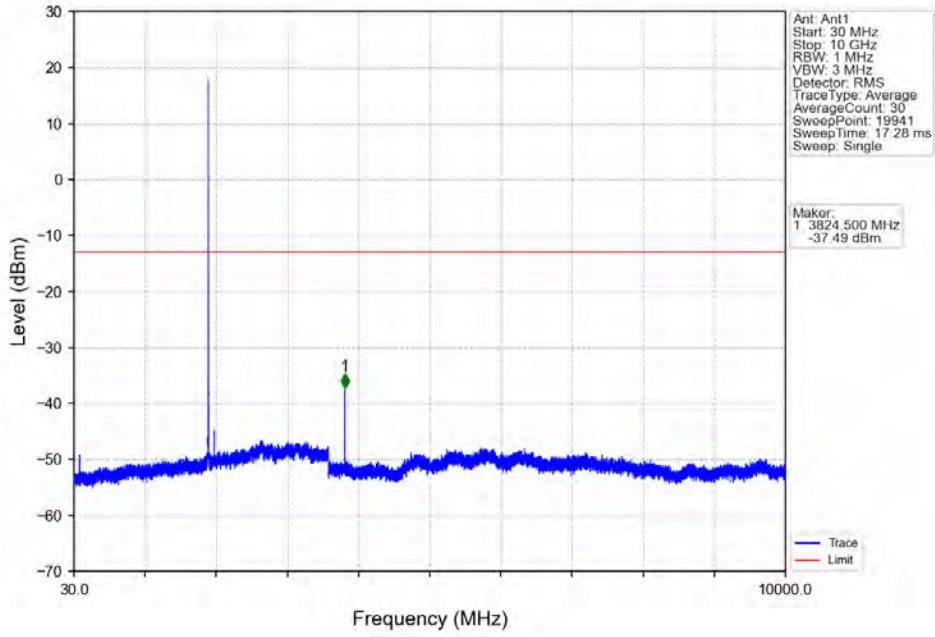
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



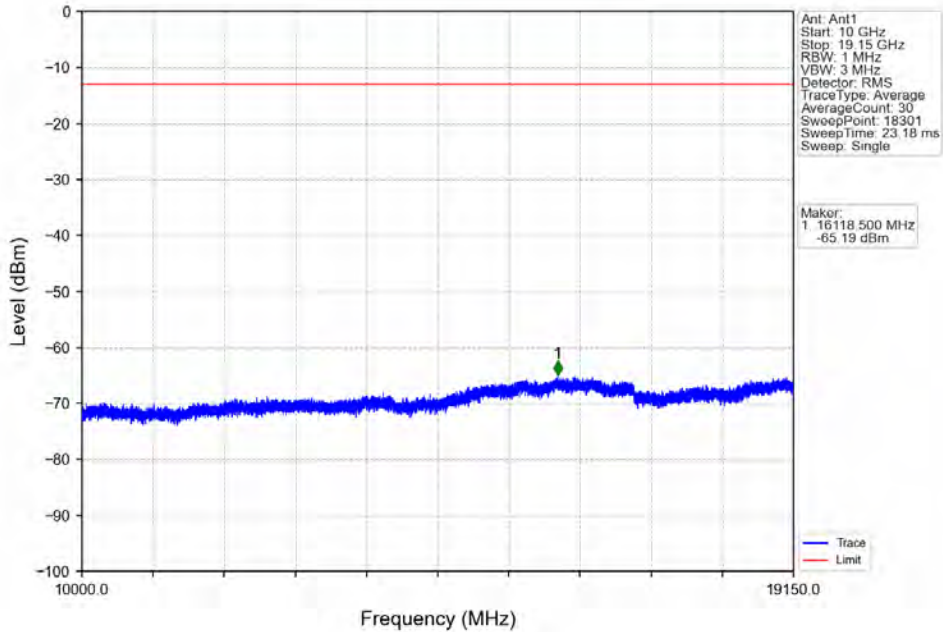
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



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

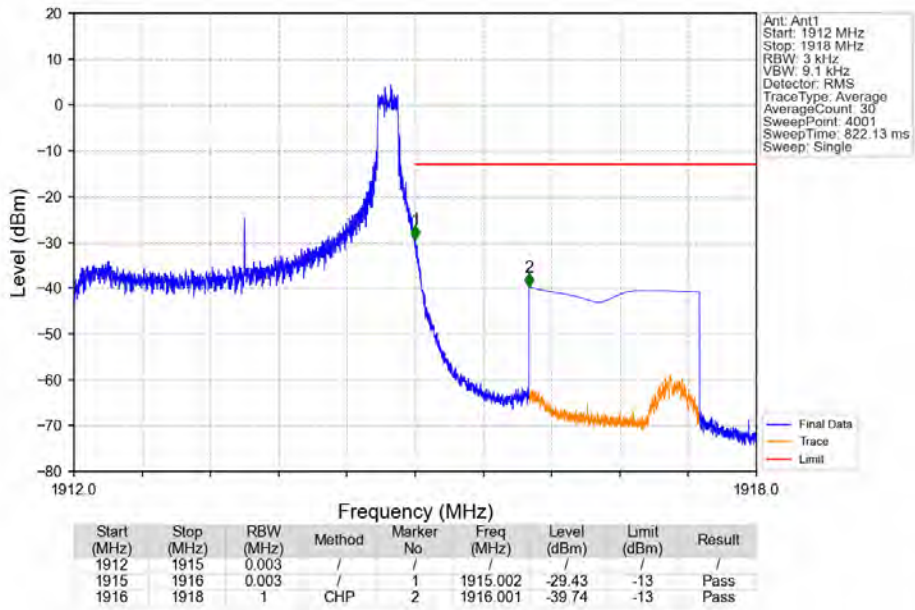


Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_1\_0\_NTNV

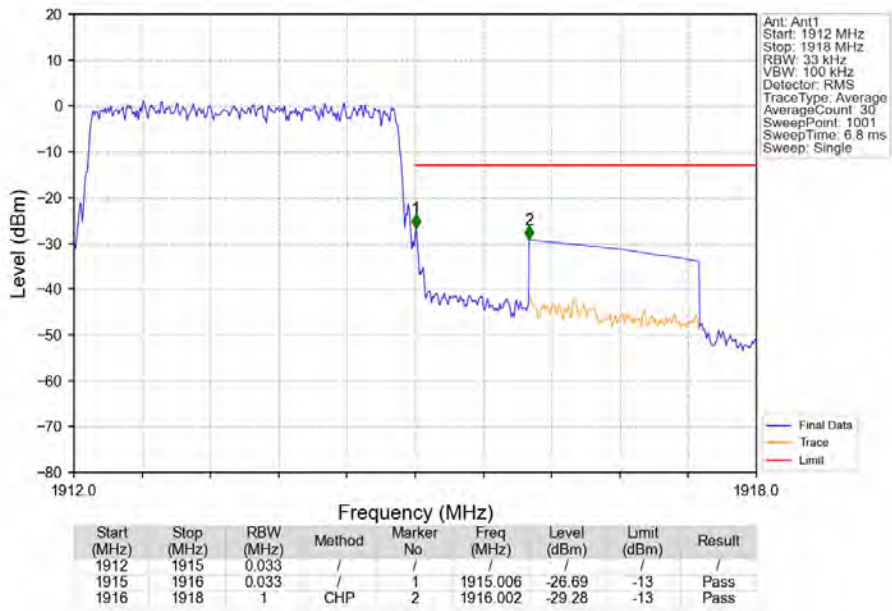




Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_1\_14\_NTNV



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

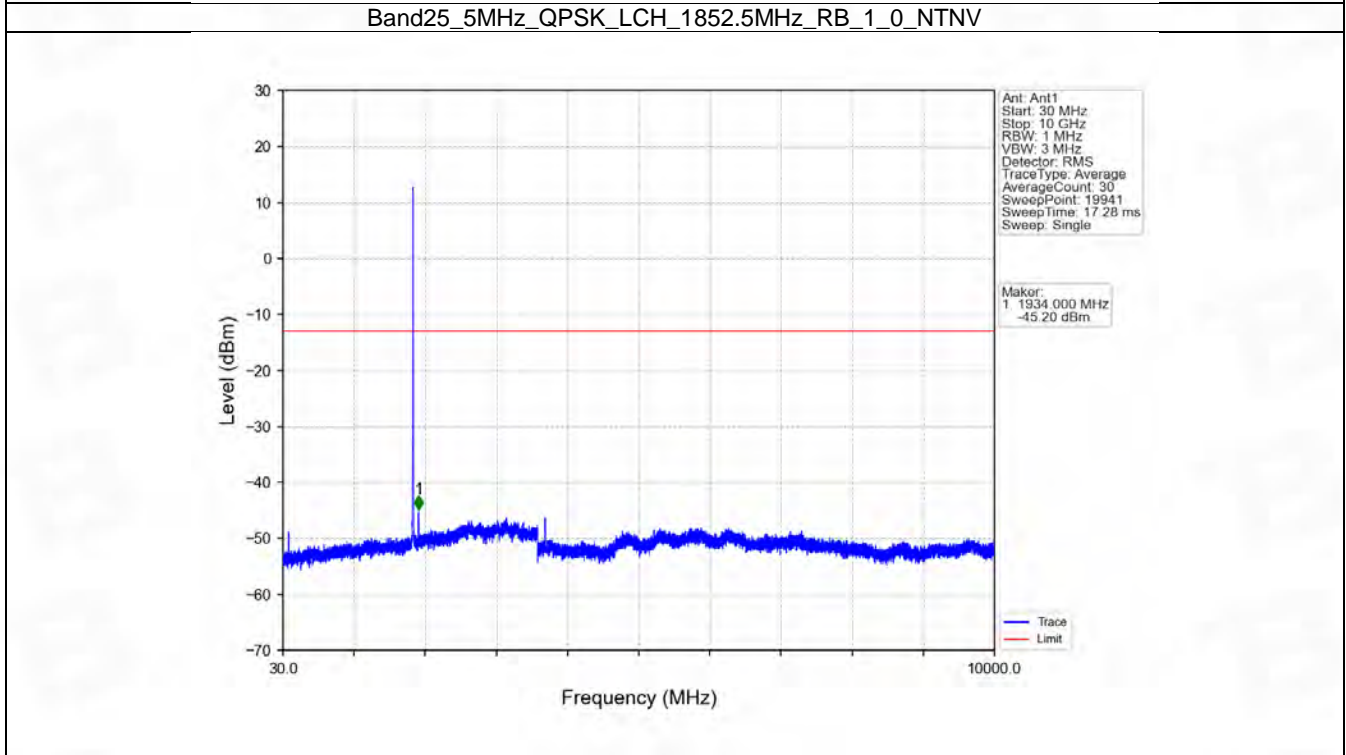
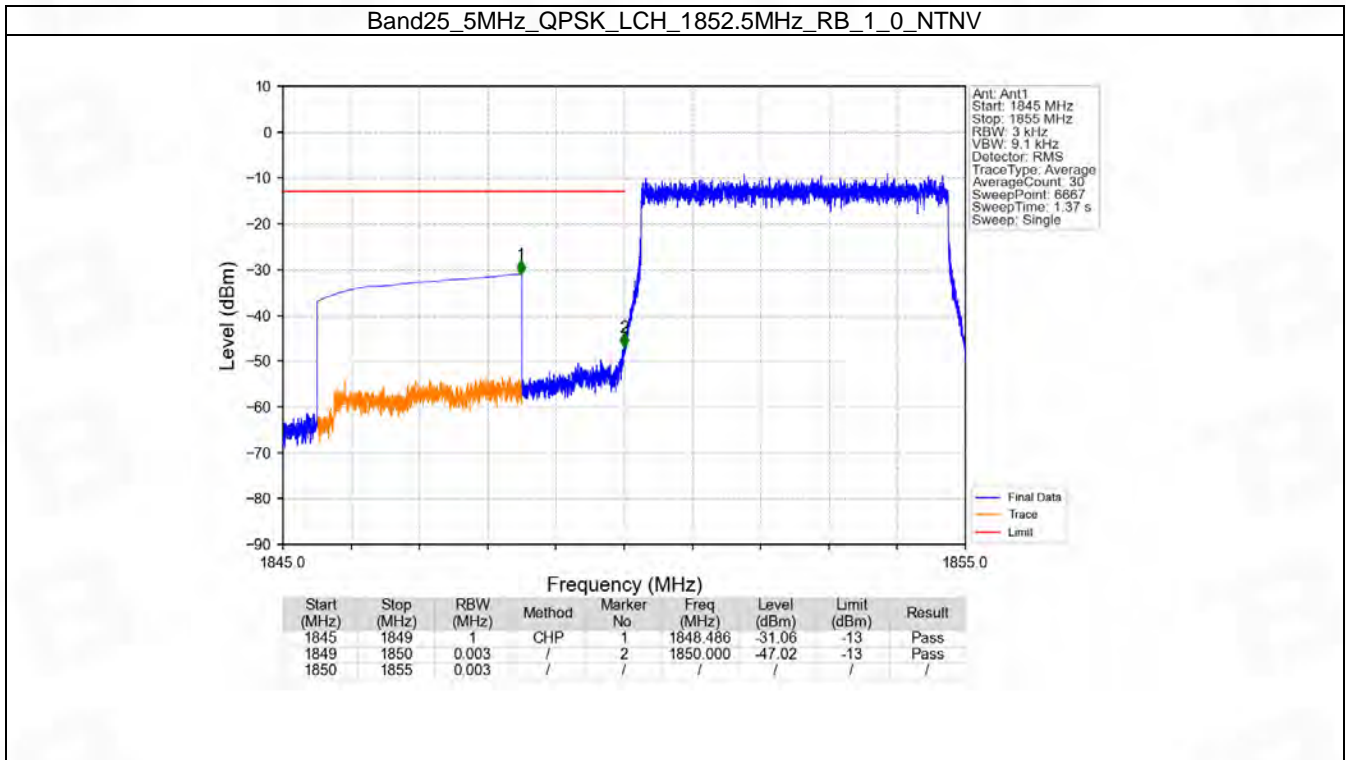


## 6.3 B25\_5MHz

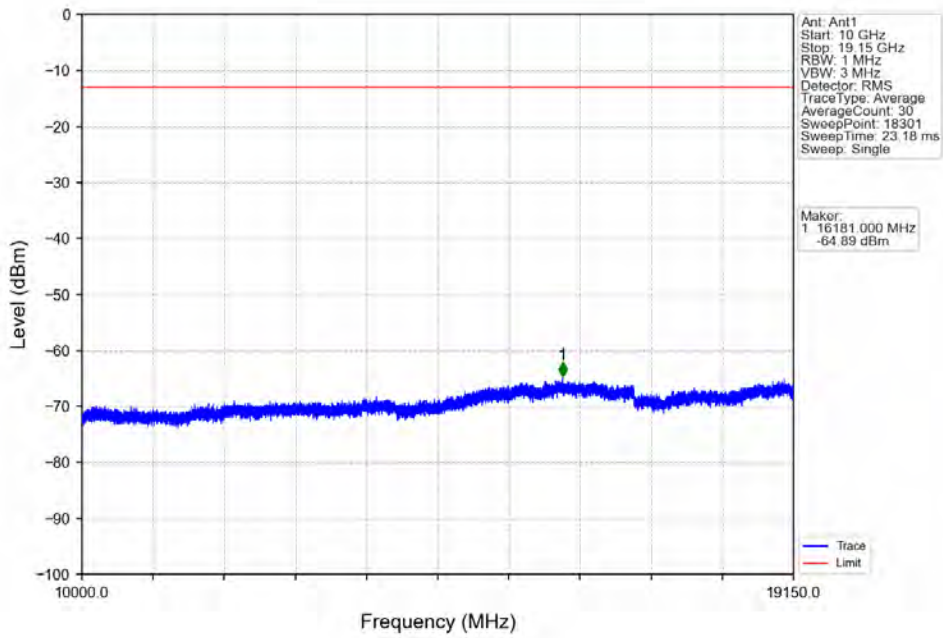
### 6.3.1 Test Result

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

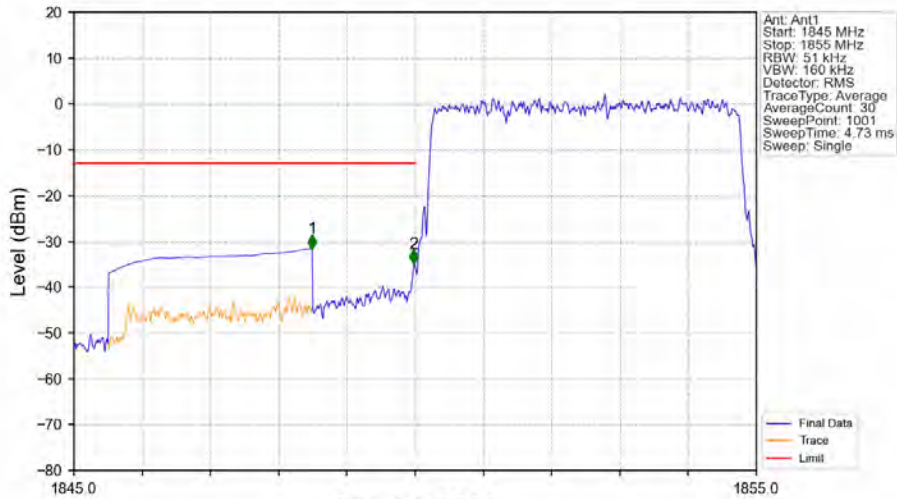
### 6.3.2 Test Graph



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

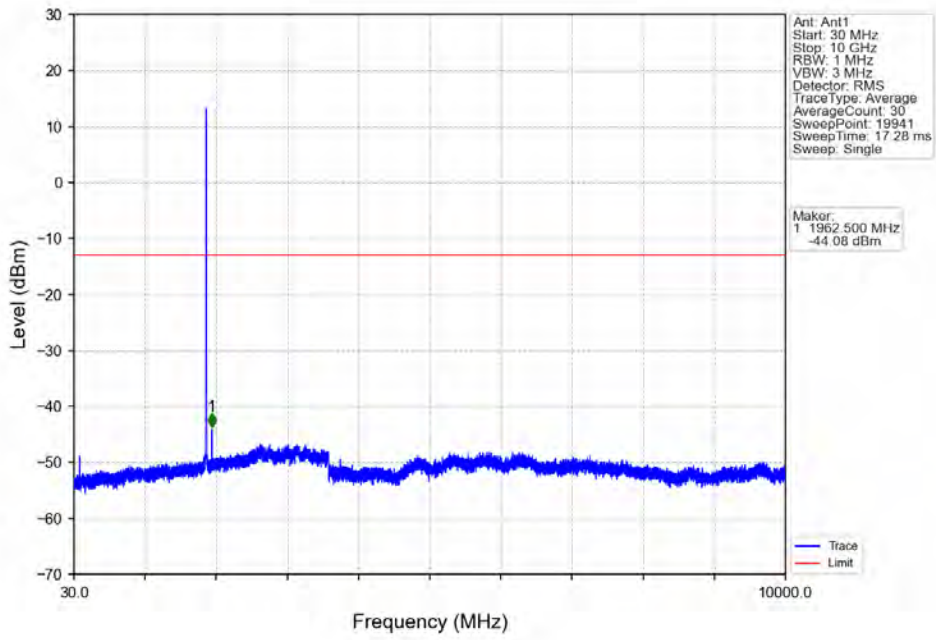


Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

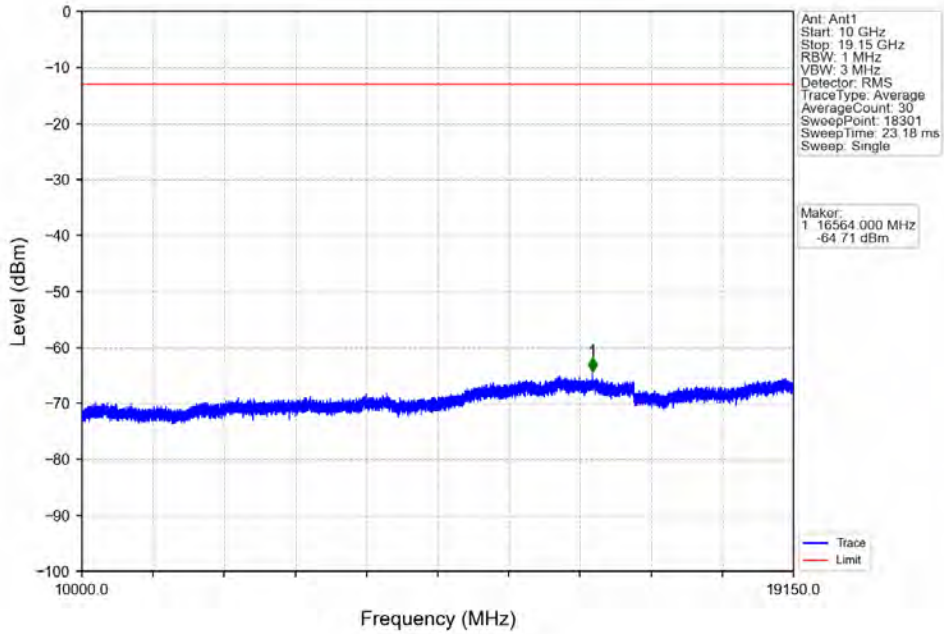


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-31.59	-13	Pass
1849	1850	0.051	/	2	1849.980	-34.90	-13	Pass
1850	1855	0.051	/	/	/	/	/	/

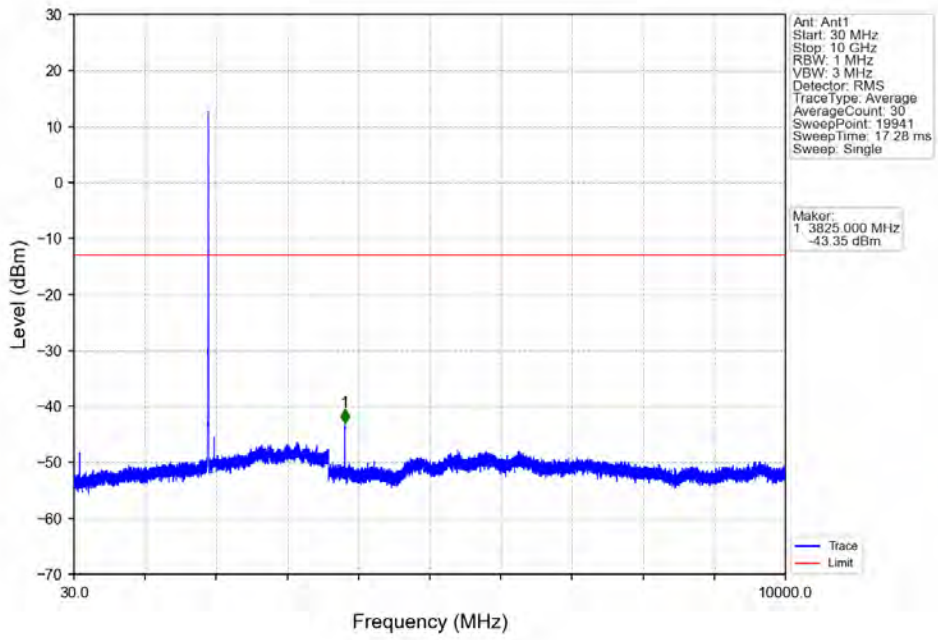
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



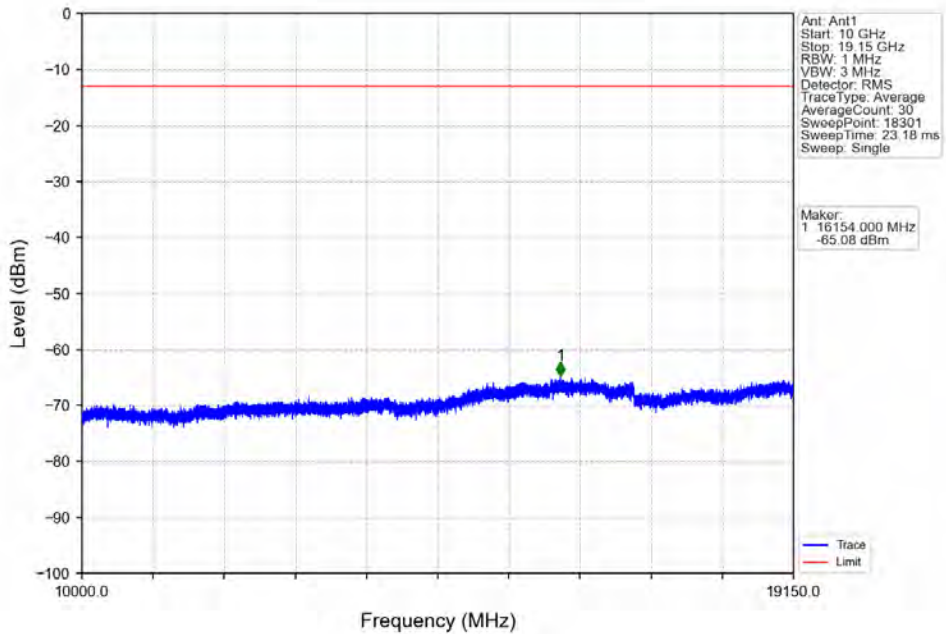
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



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

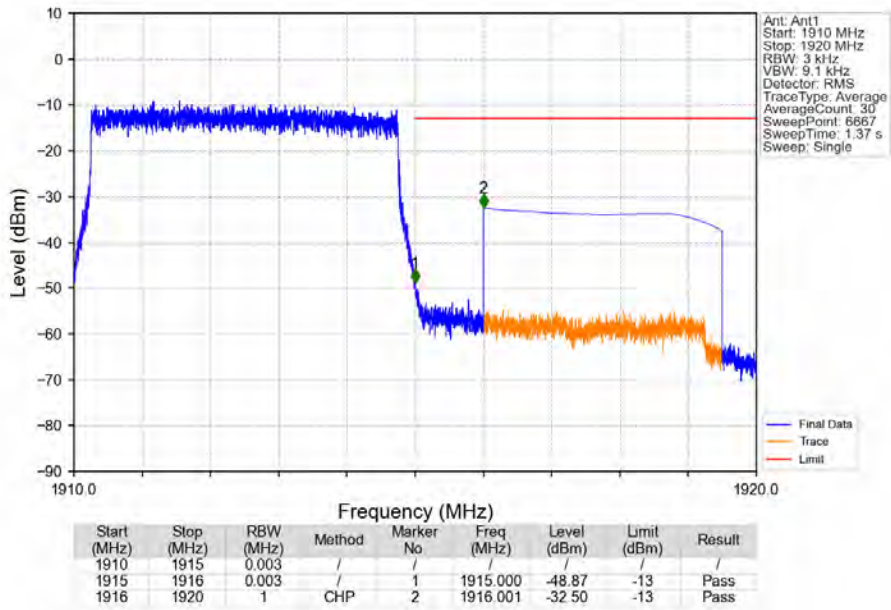


Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_1\_0\_NTNV

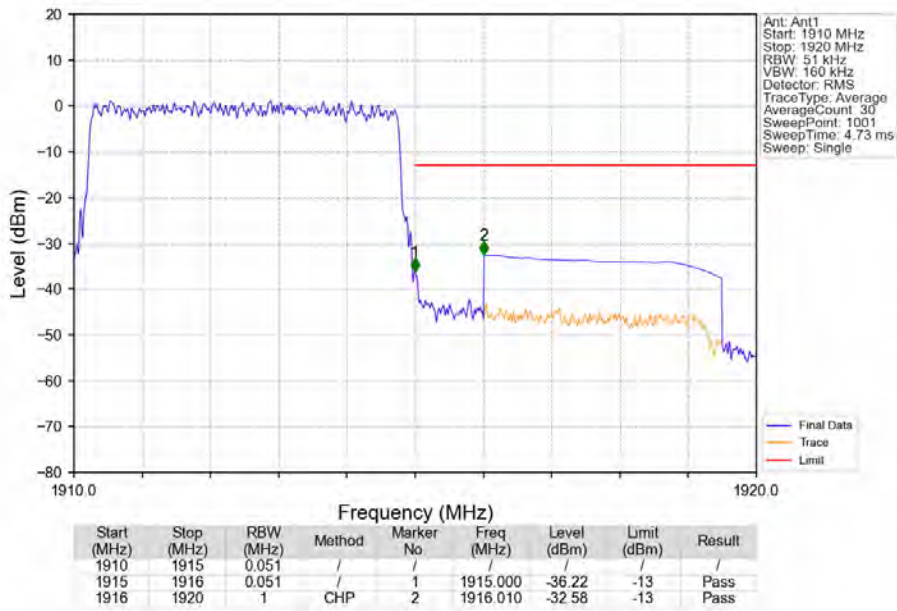




Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_1\_24\_NTNV

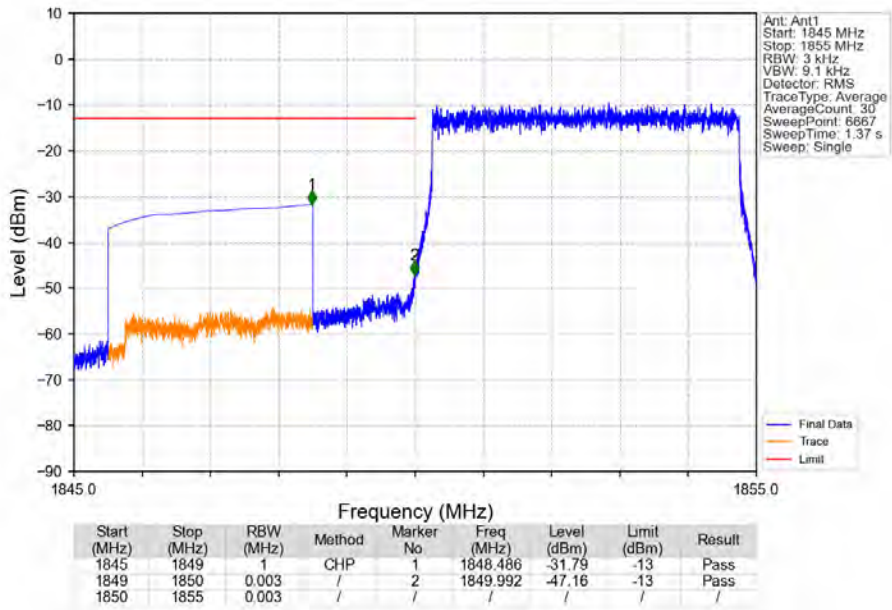


Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV

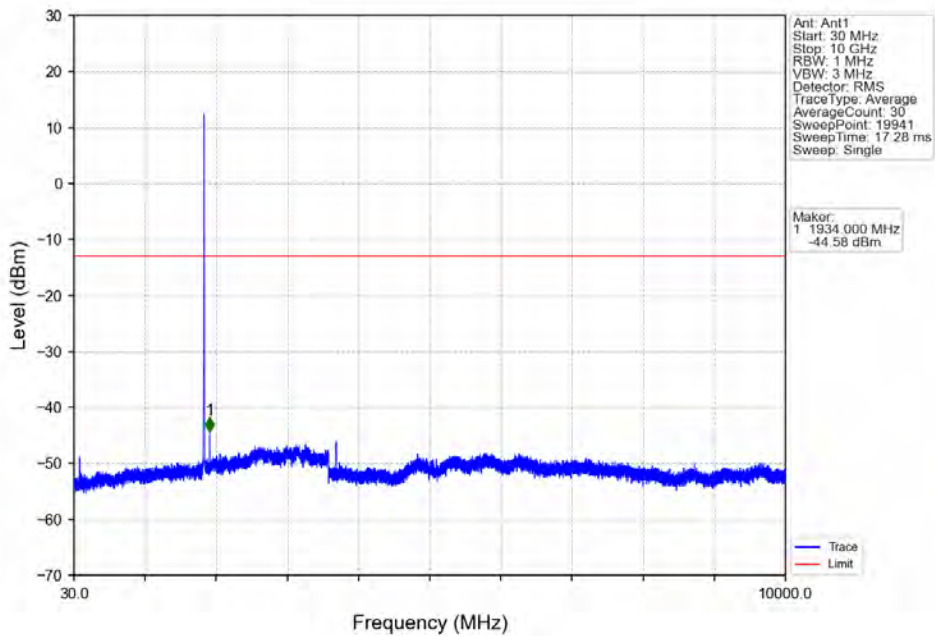




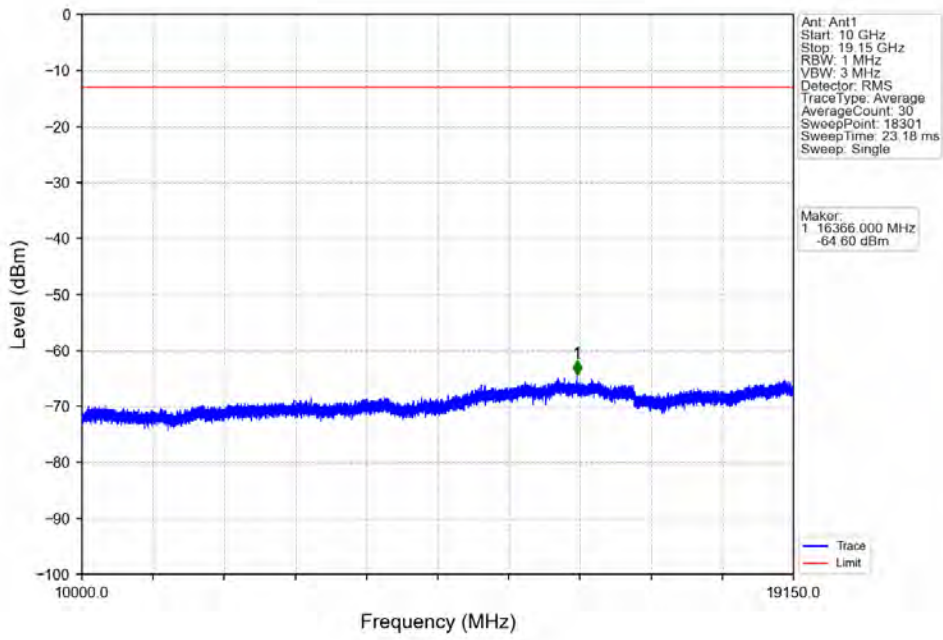
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



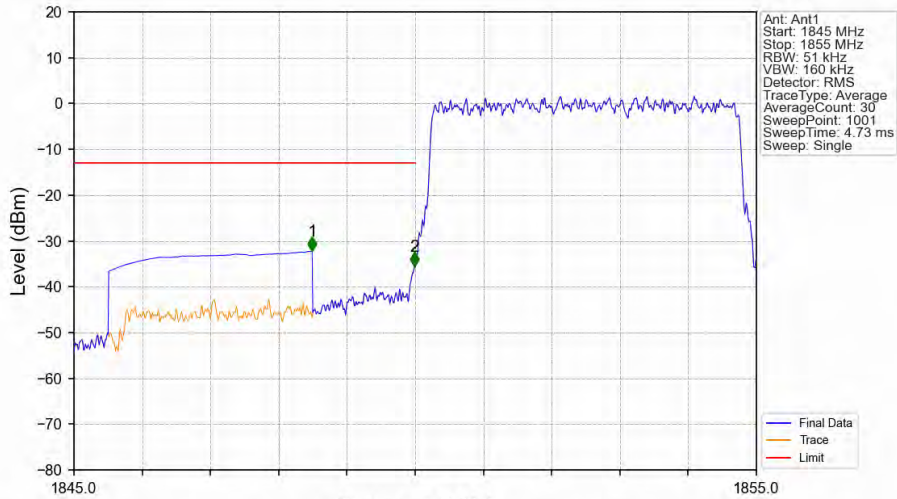
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



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

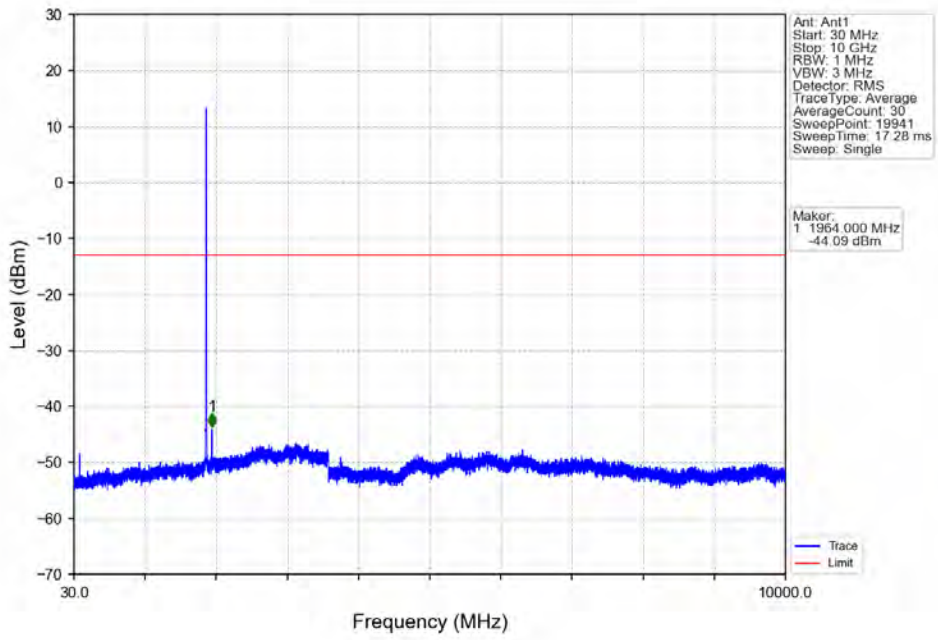


Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

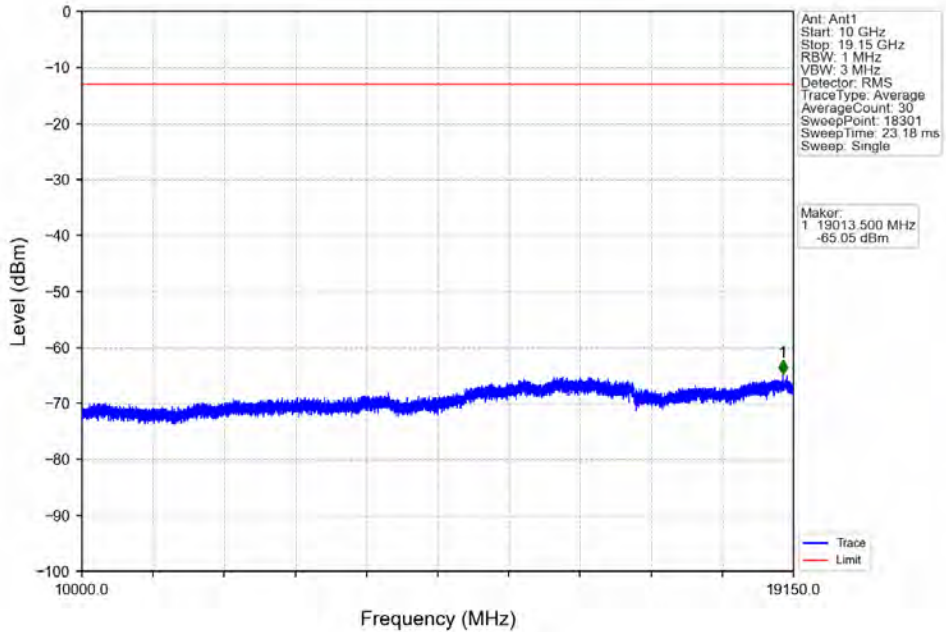


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-32.28	-13	Pass
1849	1850	0.051	/	2	1849.990	-35.54	-13	Pass
1850	1855	0.051	/	/	/	/	/	/

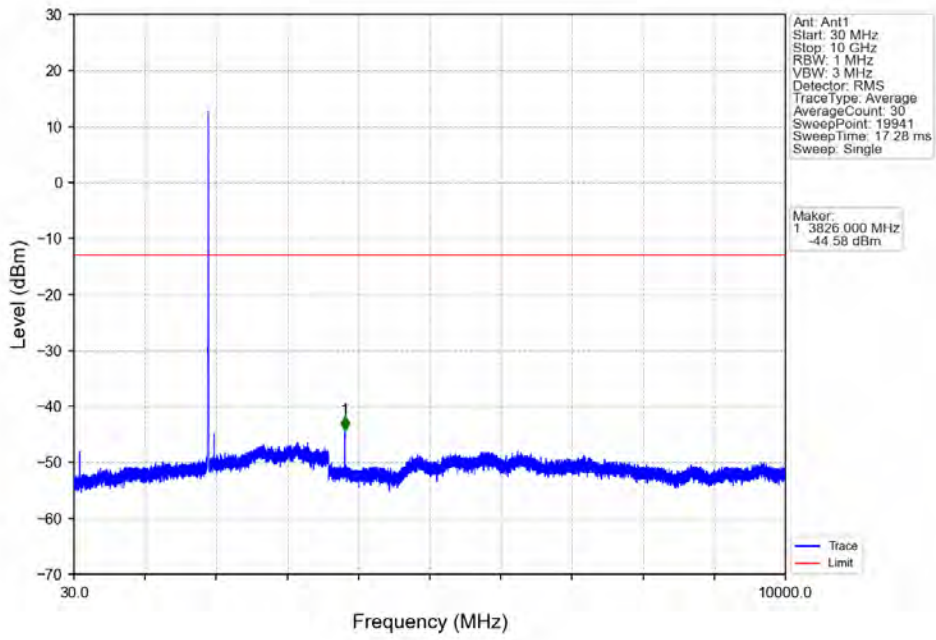
Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



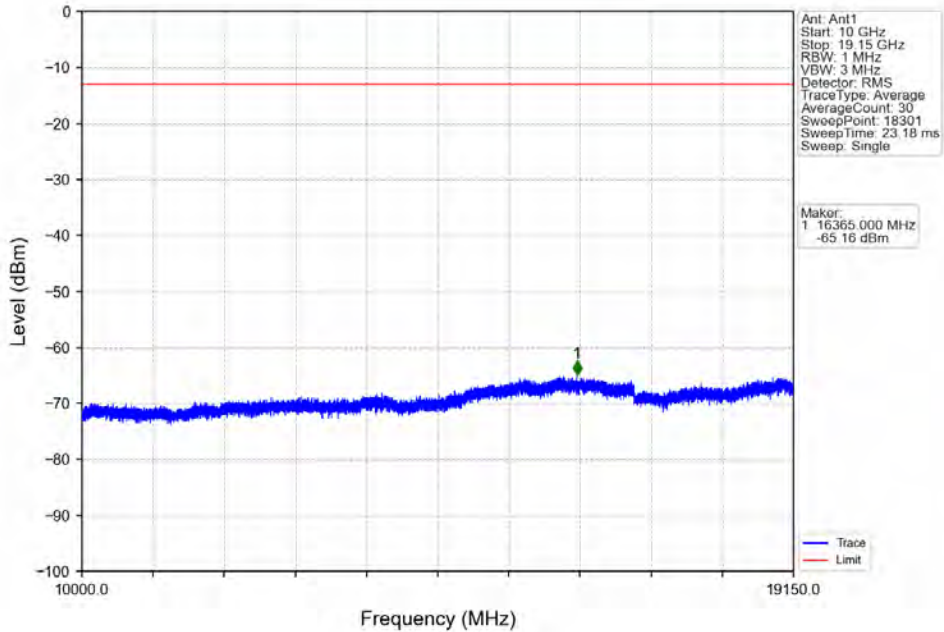
Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



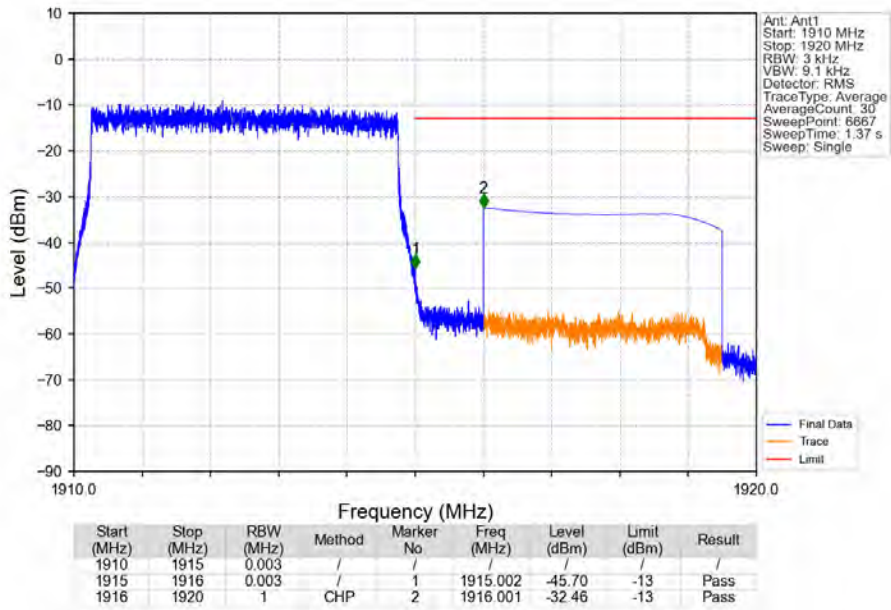
Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_1\_0\_NTNV



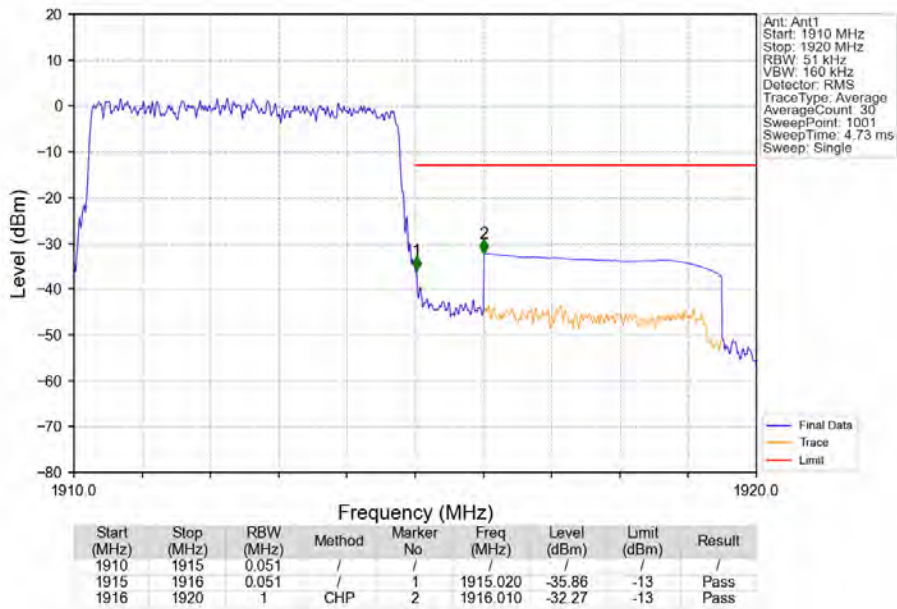
Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_1\_0\_NTNV



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



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



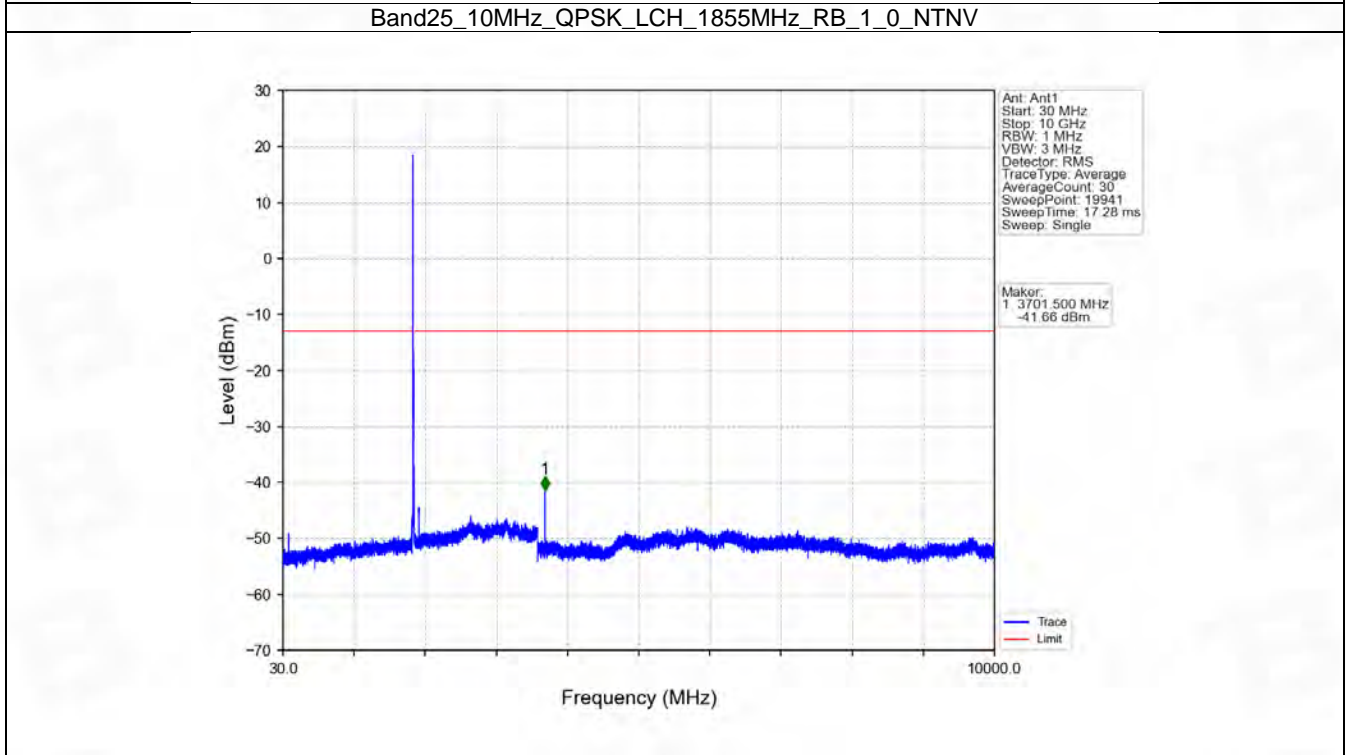
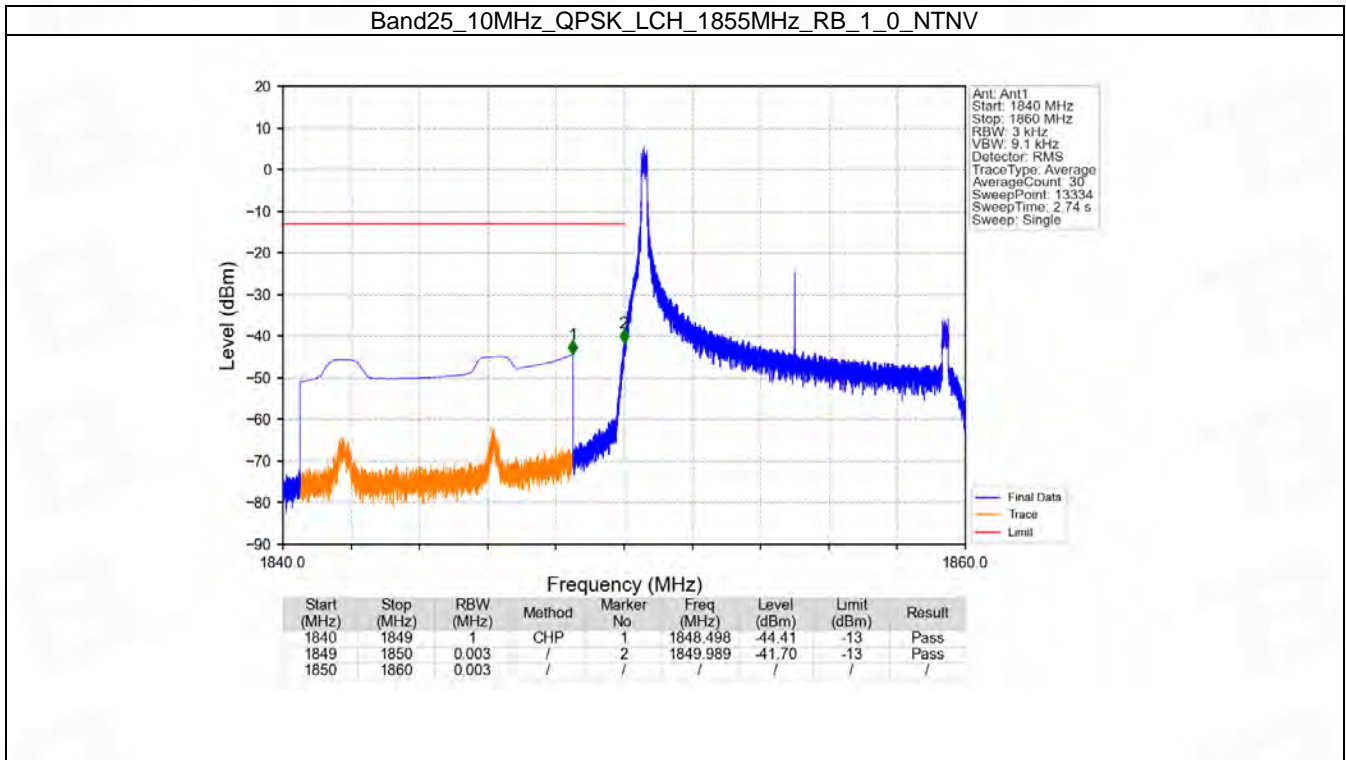


## 6.4 B25\_10MHz

### 6.4.1 Test Result

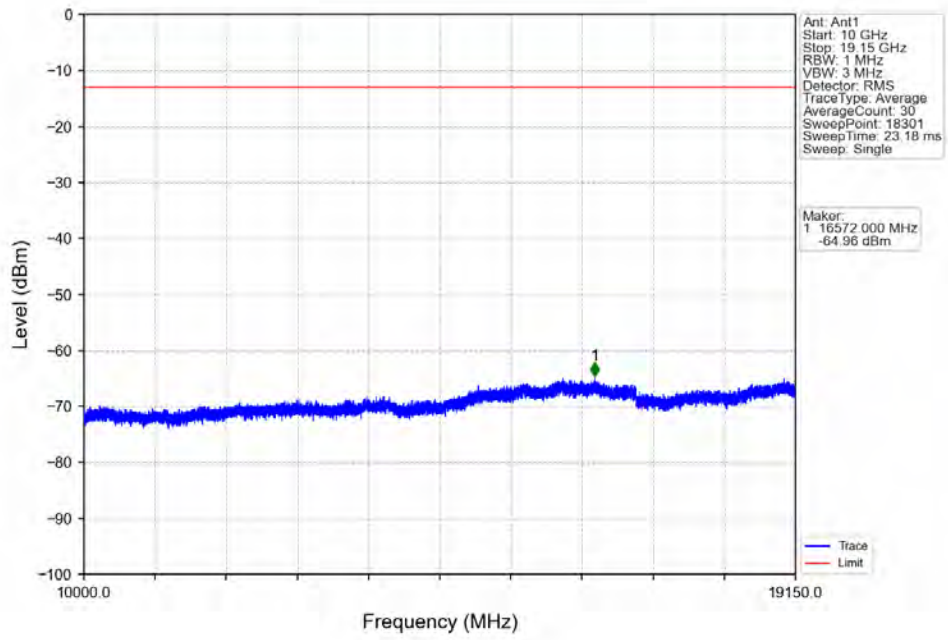
Band: 25 / Bandwidth: 10MHz / NTV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1855	1	0	Refer To Test Graph		Pass	
		50	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1910	1	0	Refer To Test Graph		Pass
				49	Refer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

### 6.4.2 Test Graph

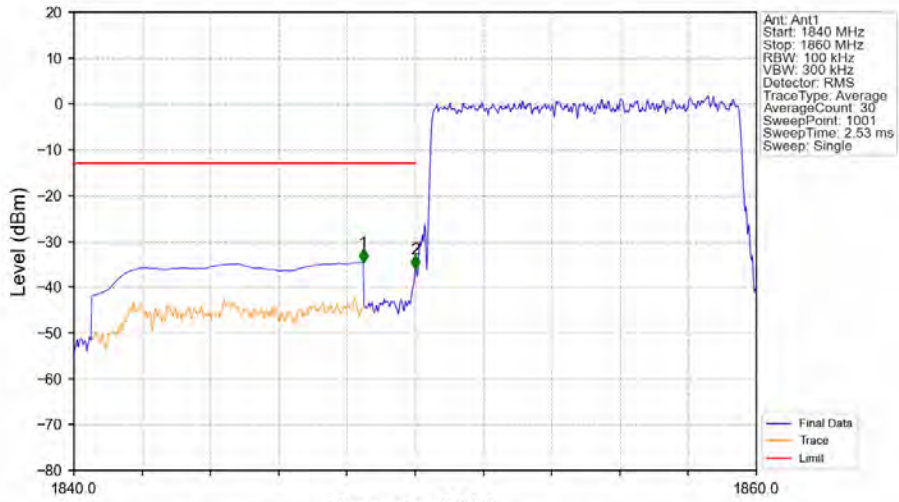




Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_1\_0\_NTNV

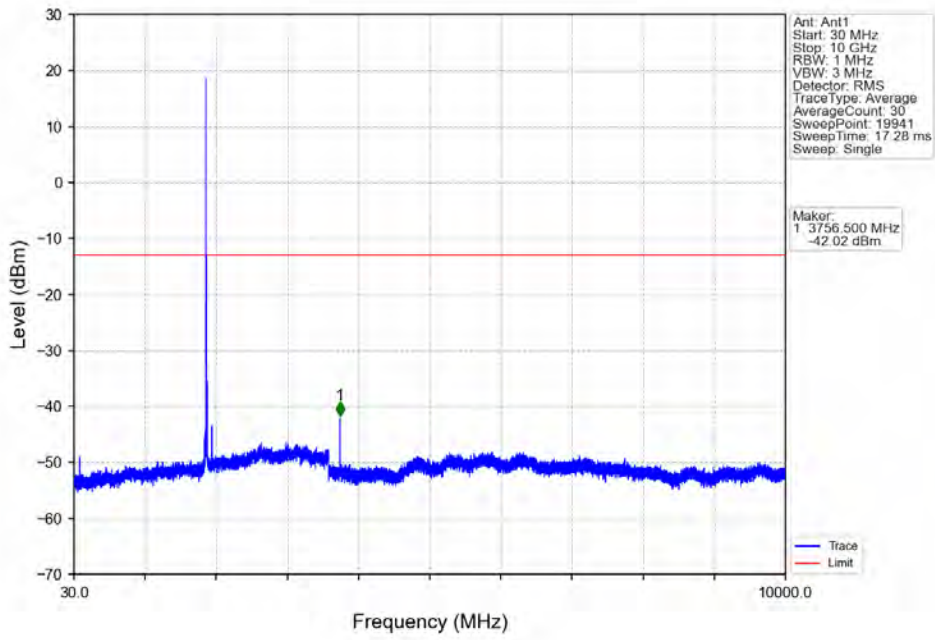


Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV

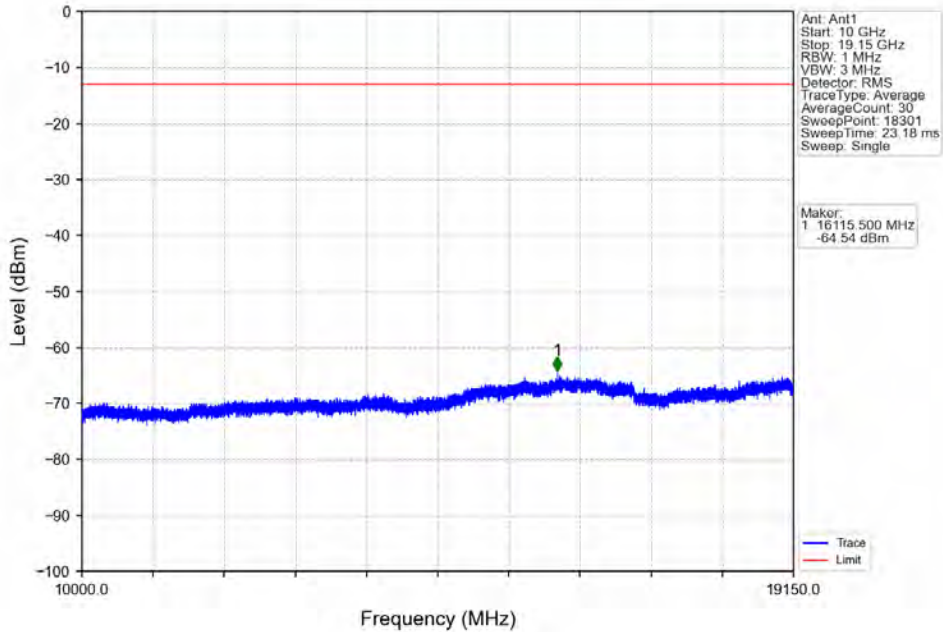


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.480	-34.66	-13	Pass
1849	1850	0.1	/	2	1850.000	-36.13	-13	Pass
1850	1860	0.1	/	/	/	/	/	/

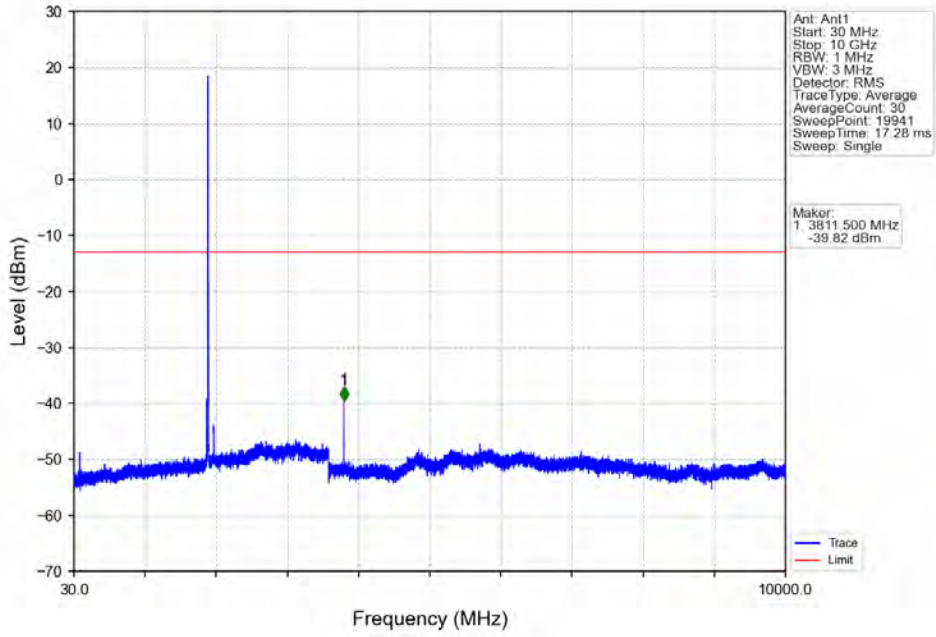
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



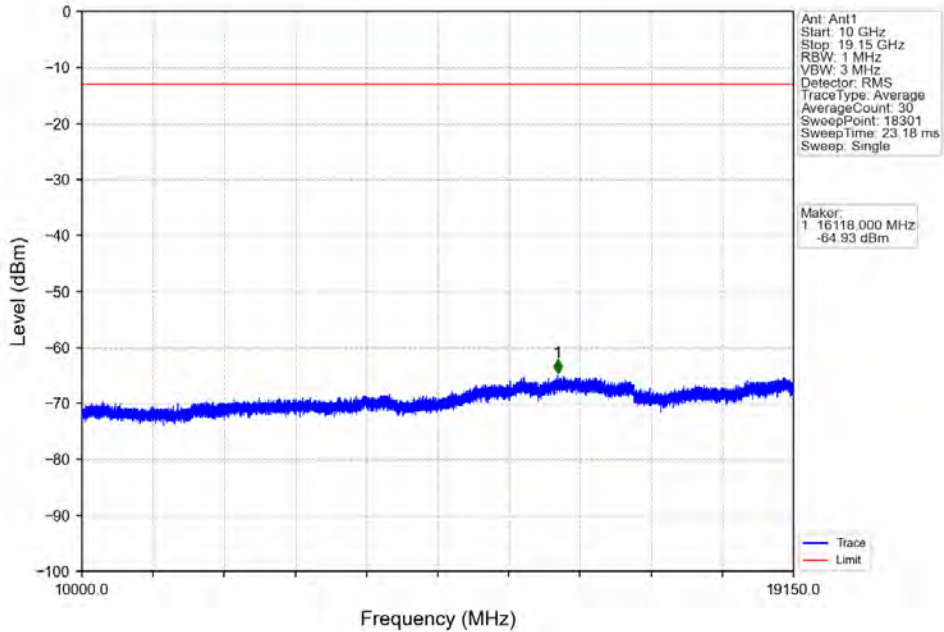
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



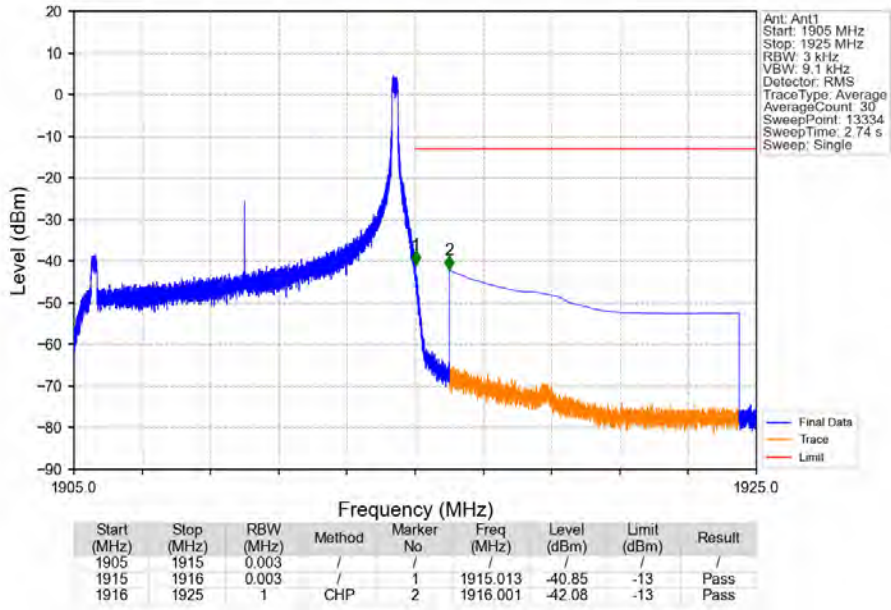
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_1\_0\_NTNV



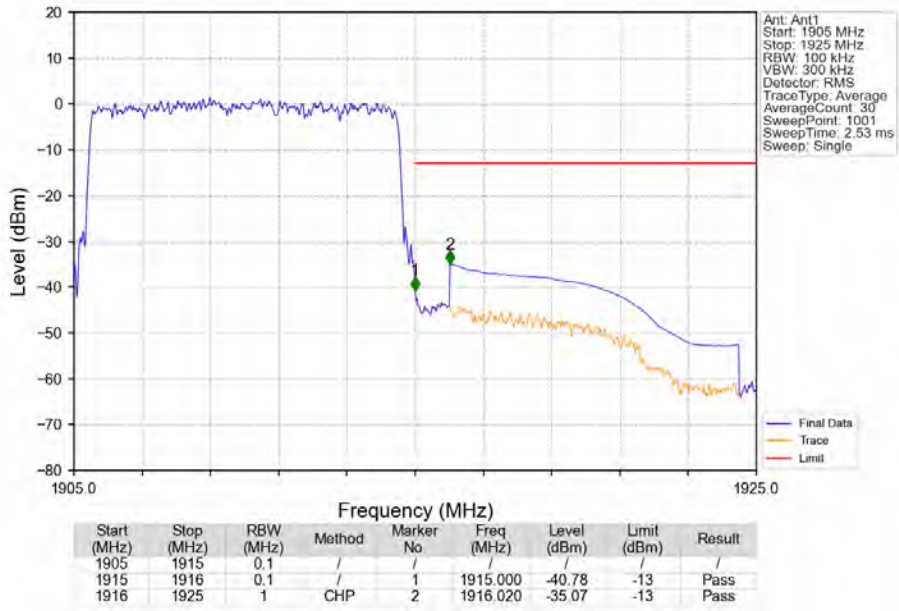
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_1\_0\_NTNV



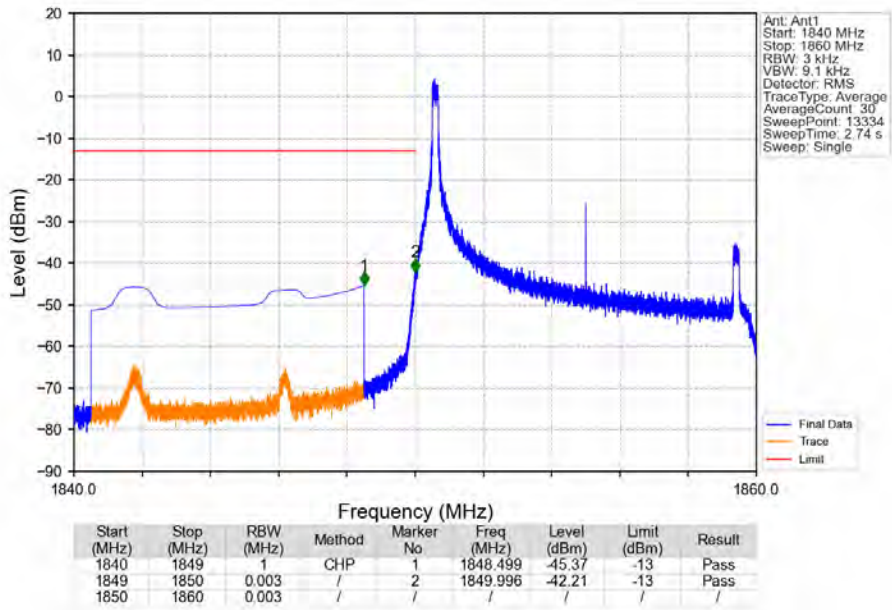
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_1\_49\_NTNV



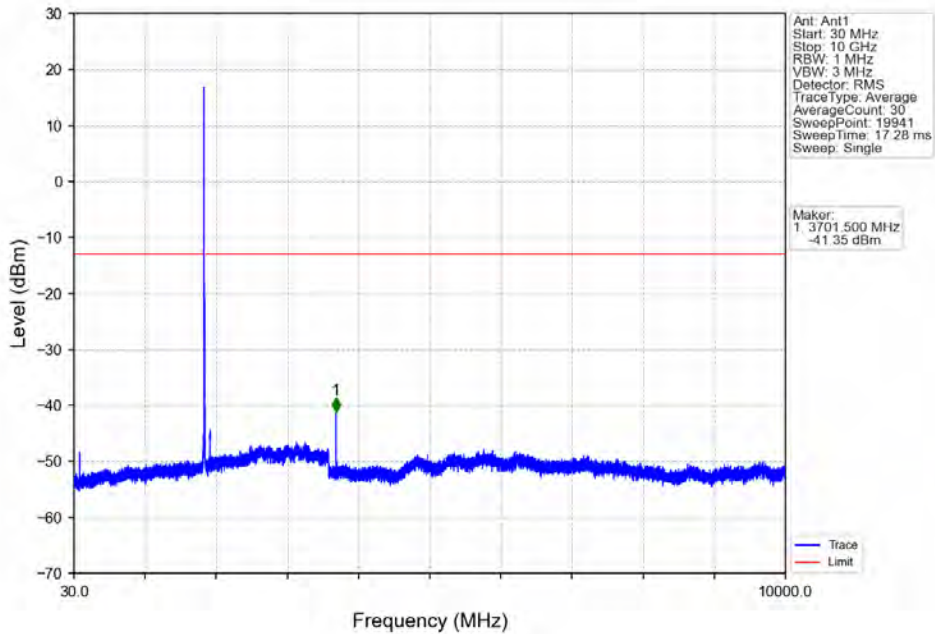
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTNV



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

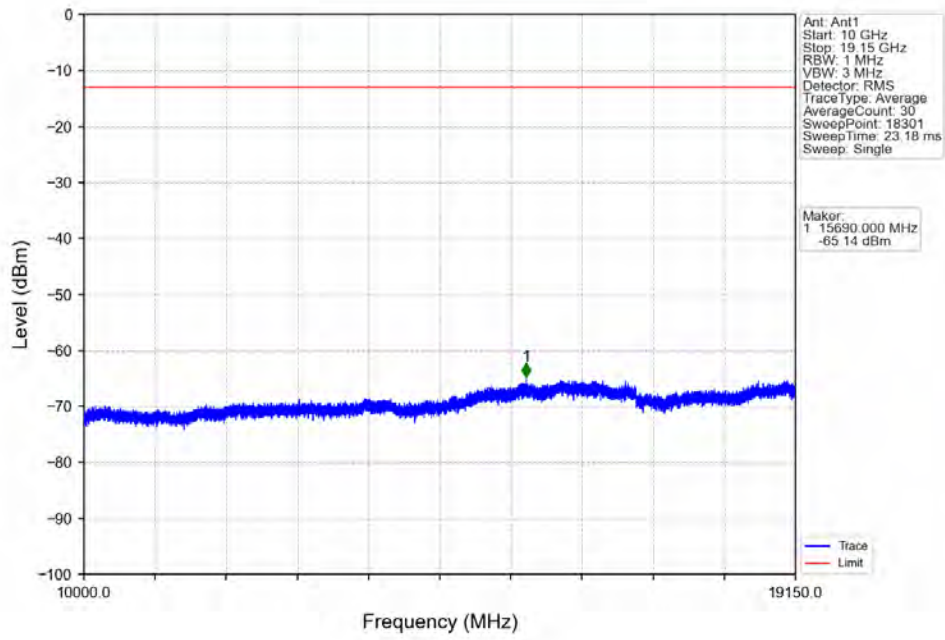


Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV

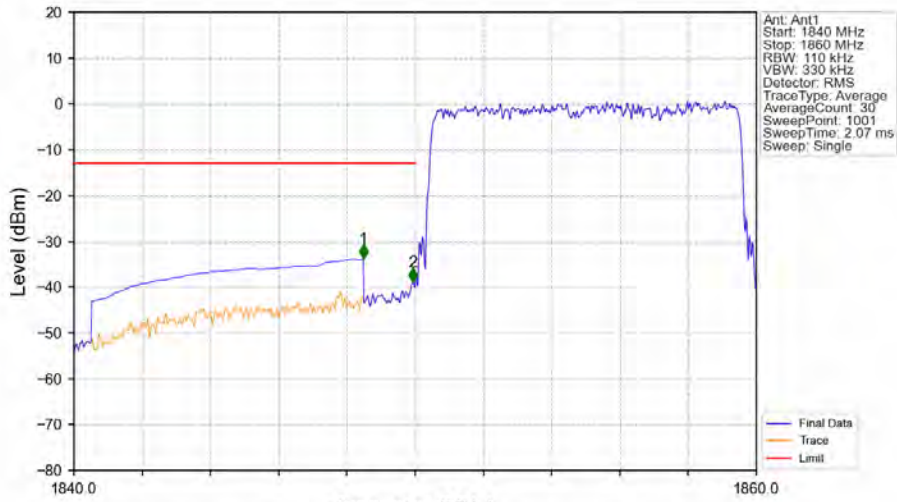




Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV

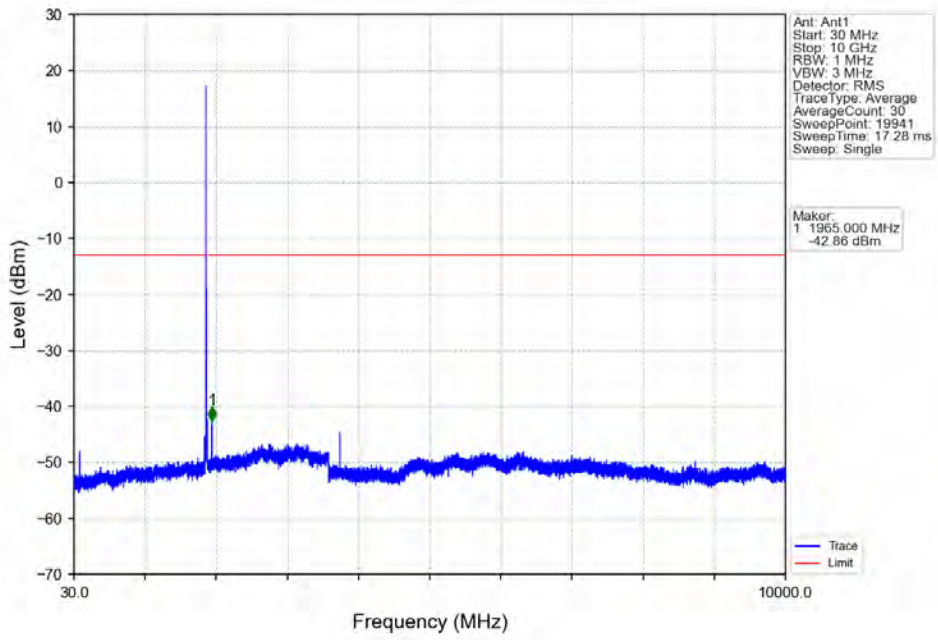


Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV

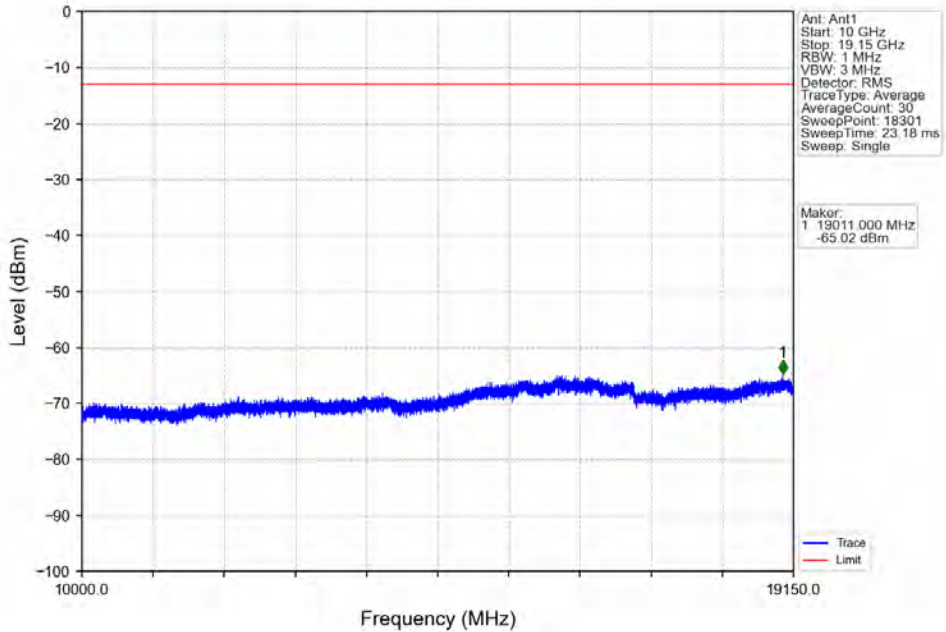


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.480	-33.86	-13	Pass
1849	1850	0.11	/	2	1849.940	-38.90	-13	Pass
1850	1860	0.11	/	/	/	/	/	/

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

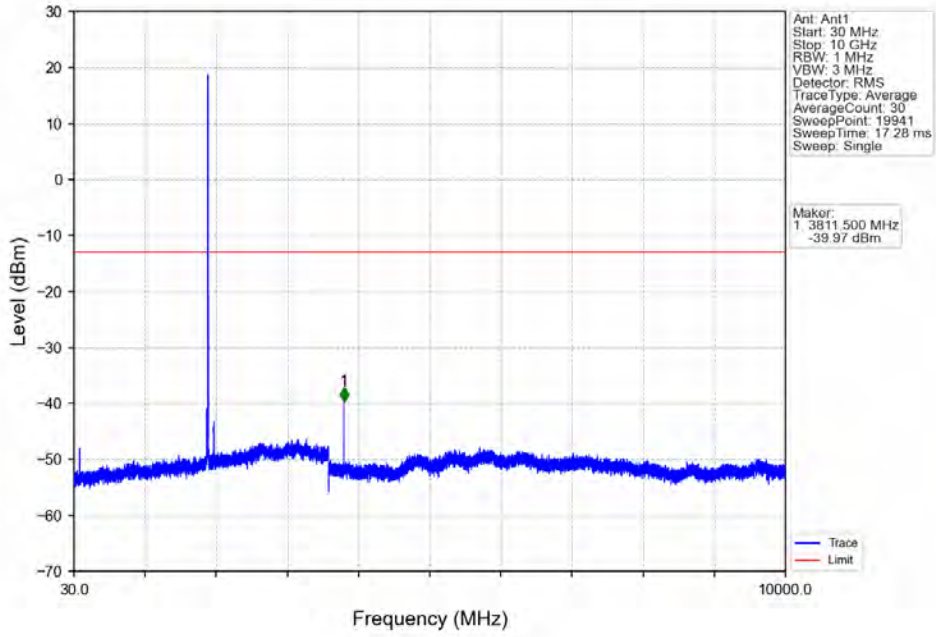


Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV

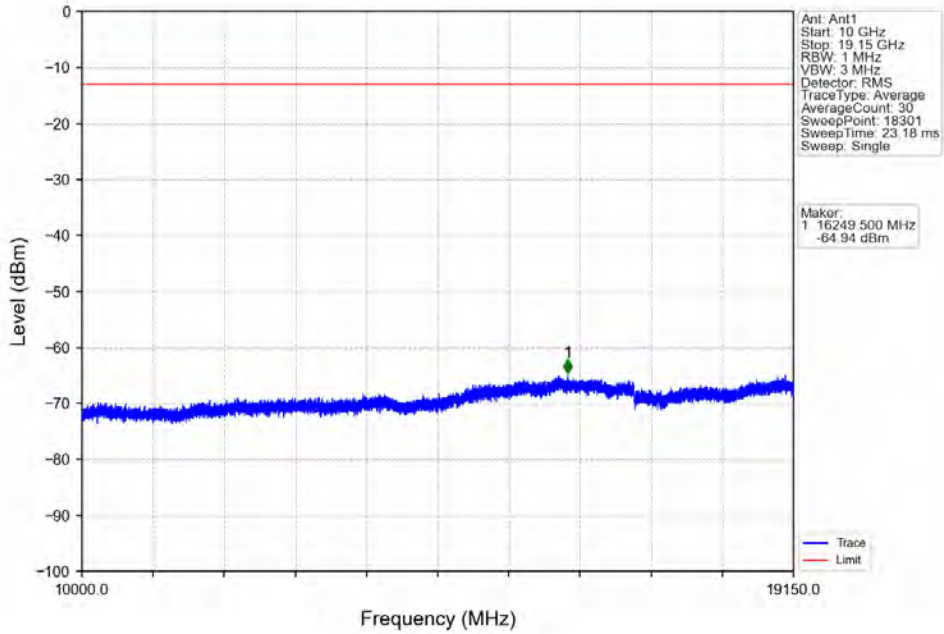




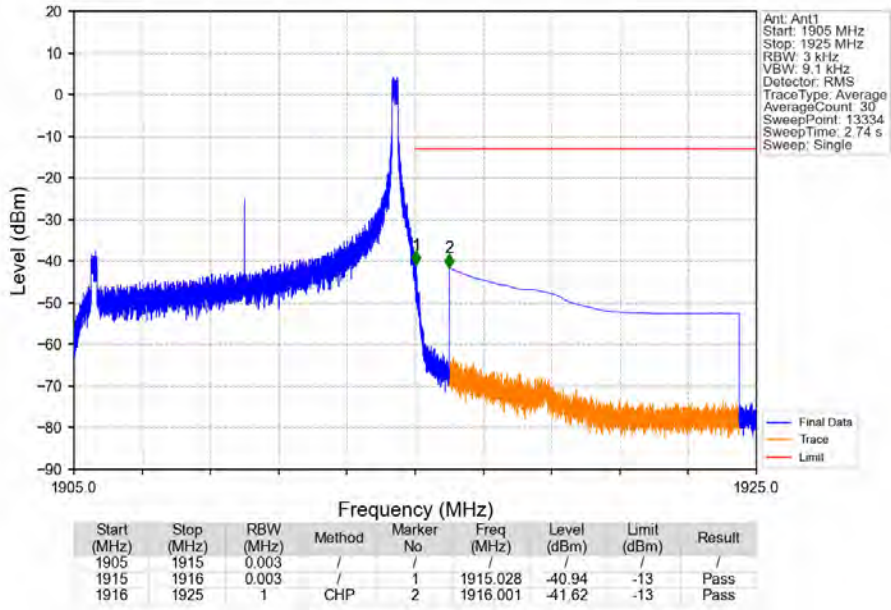
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_1\_0\_NTNV



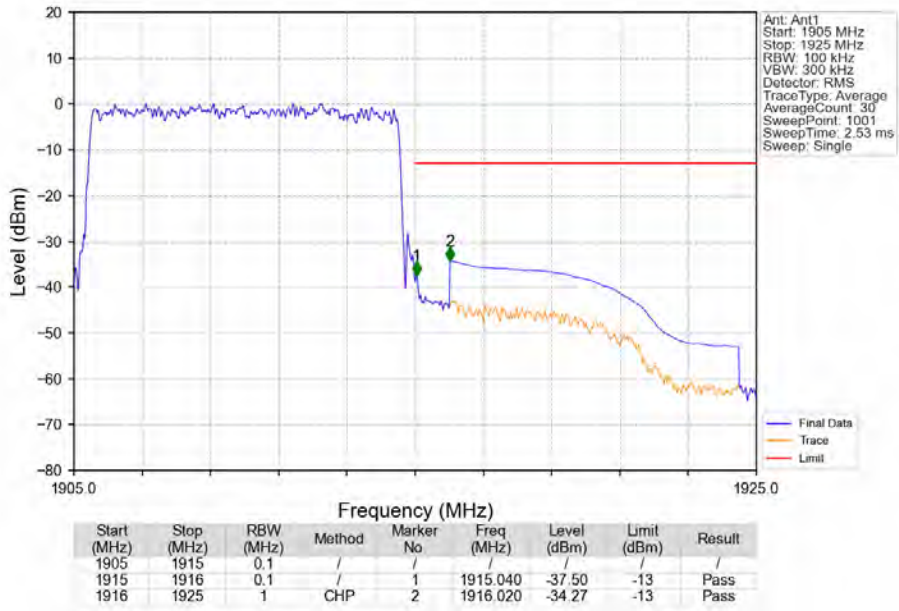
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_1\_0\_NTNV



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



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

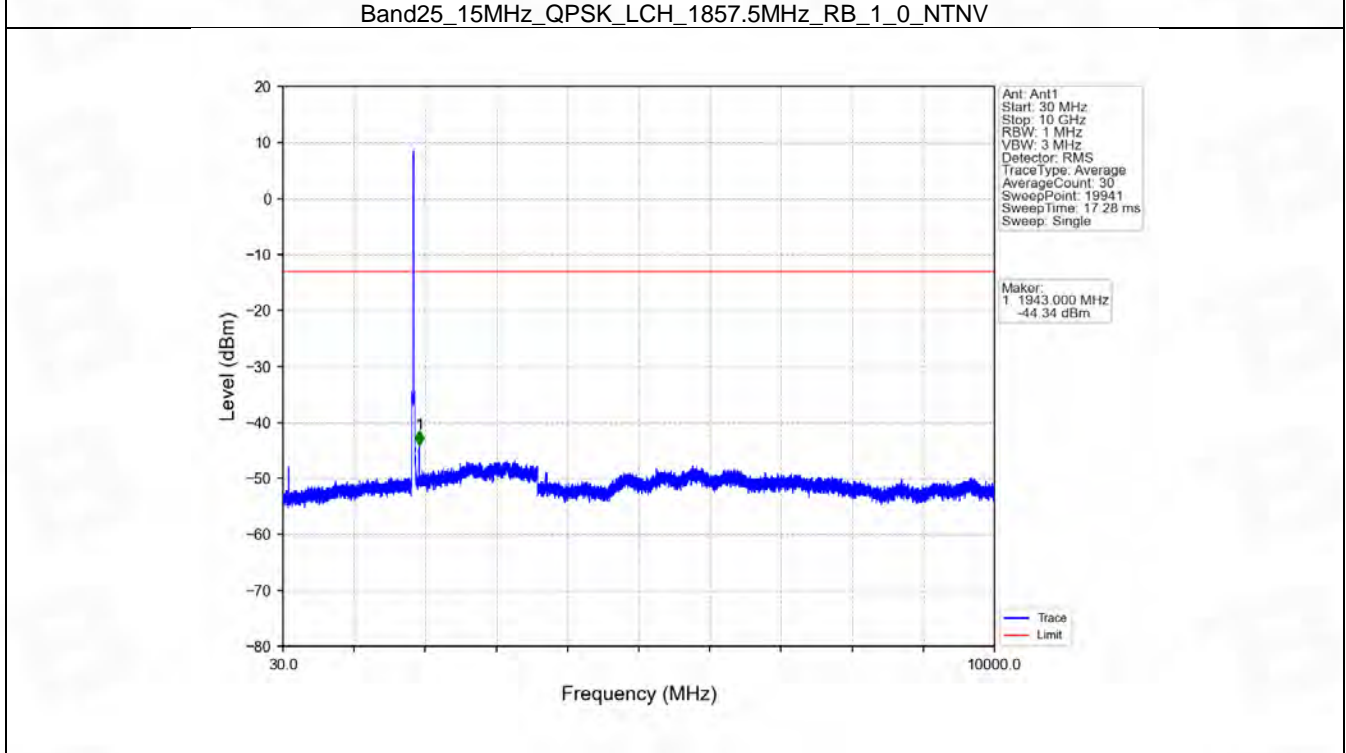
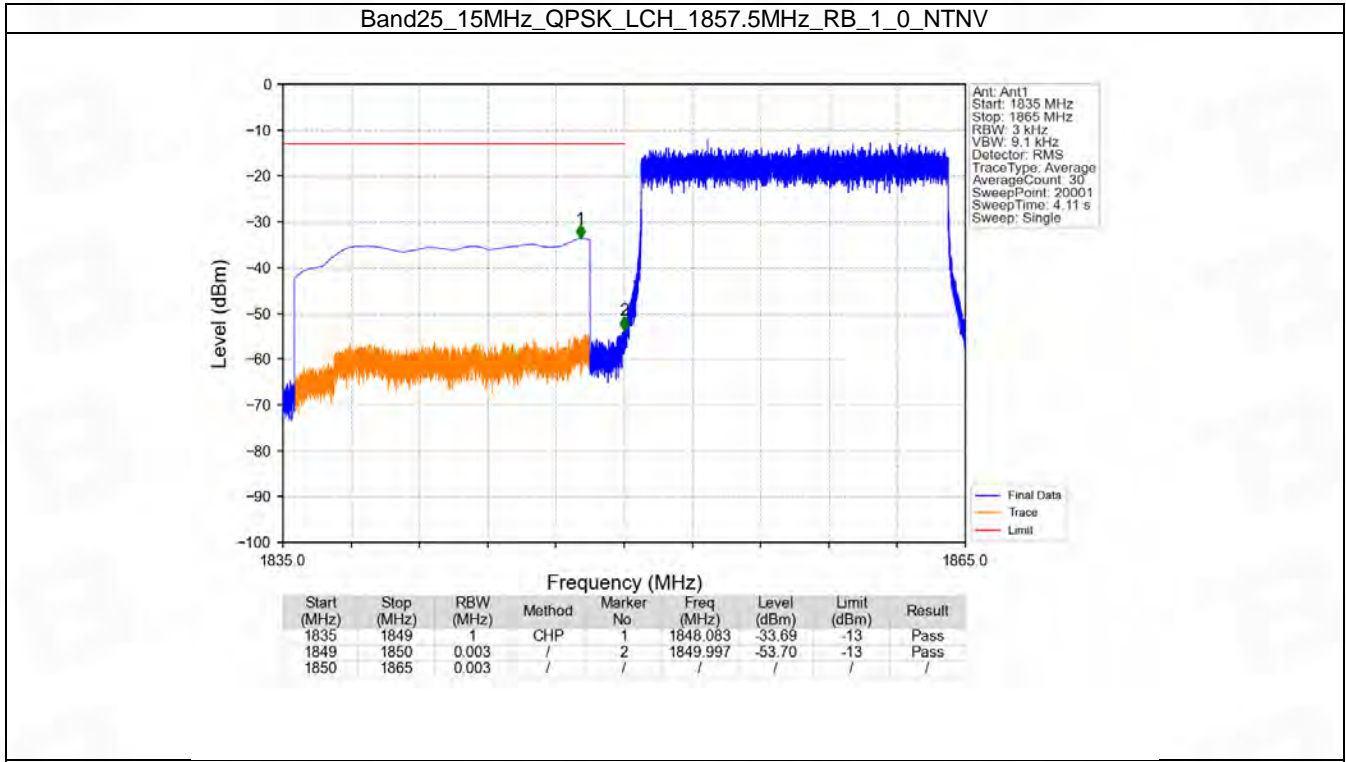


## 6.5 B25\_15MHz

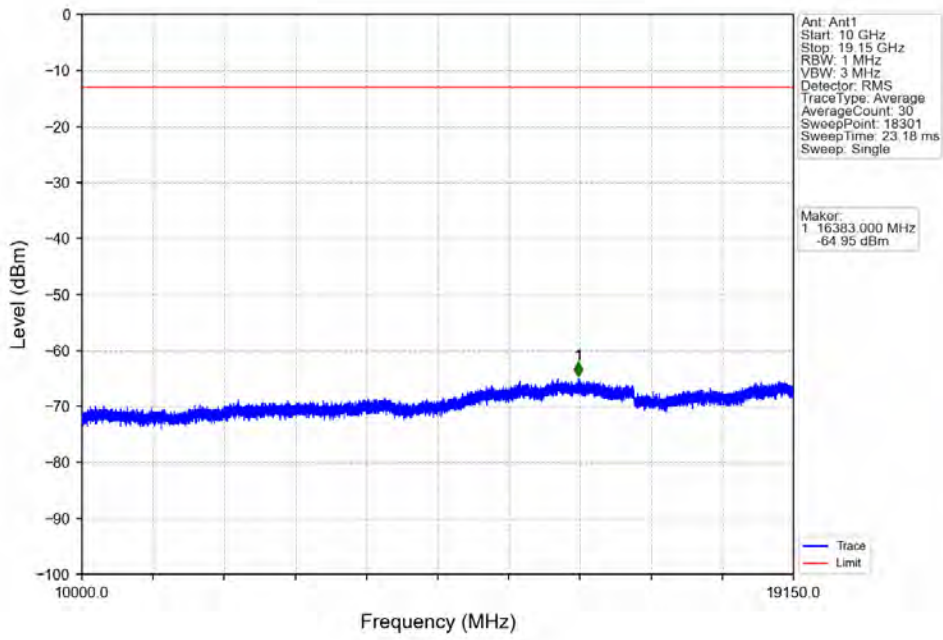
### 6.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTNV						
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	0	Refer To Test Graph		Pass
			74	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	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

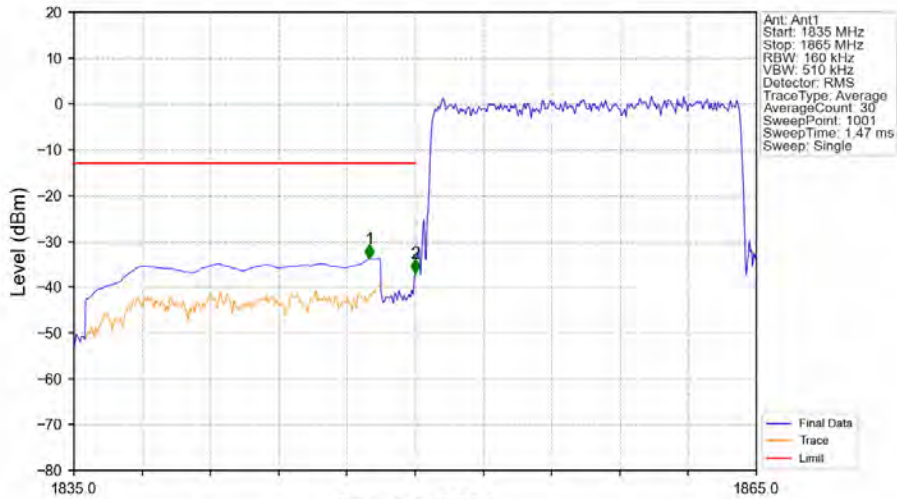
### 6.5.2 Test Graph



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



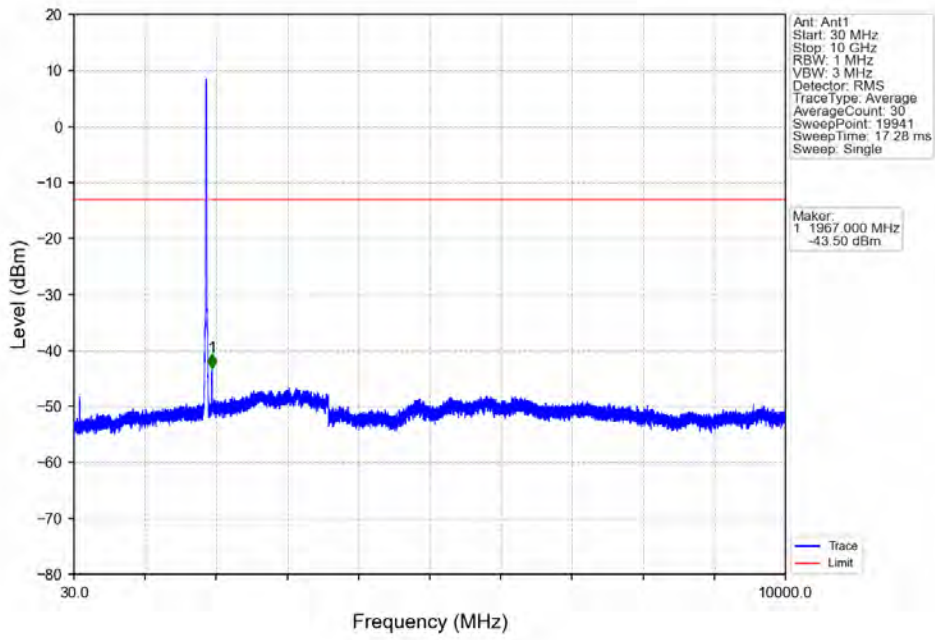
Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



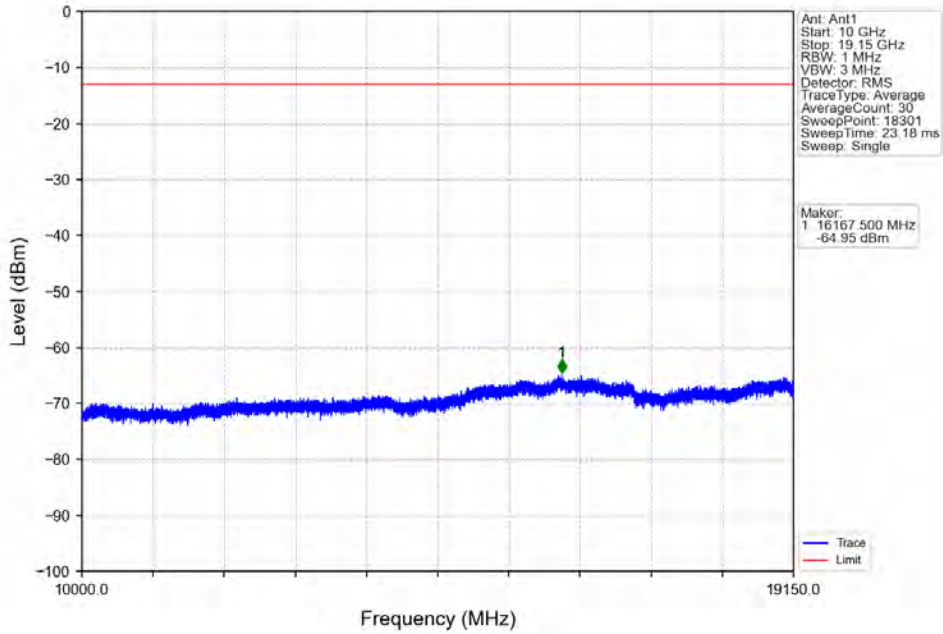
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1847.990	-33.76	-13	Pass
1849	1850	0.16	/	2	1850.000	-37.04	-13	Pass
1850	1865	0.16	/	/	/	/	/	/



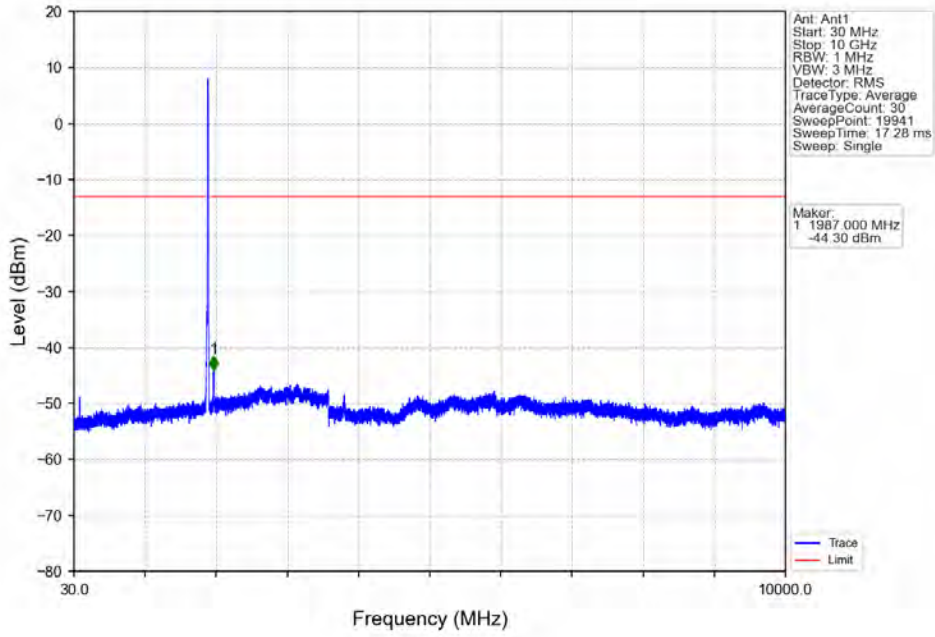
Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



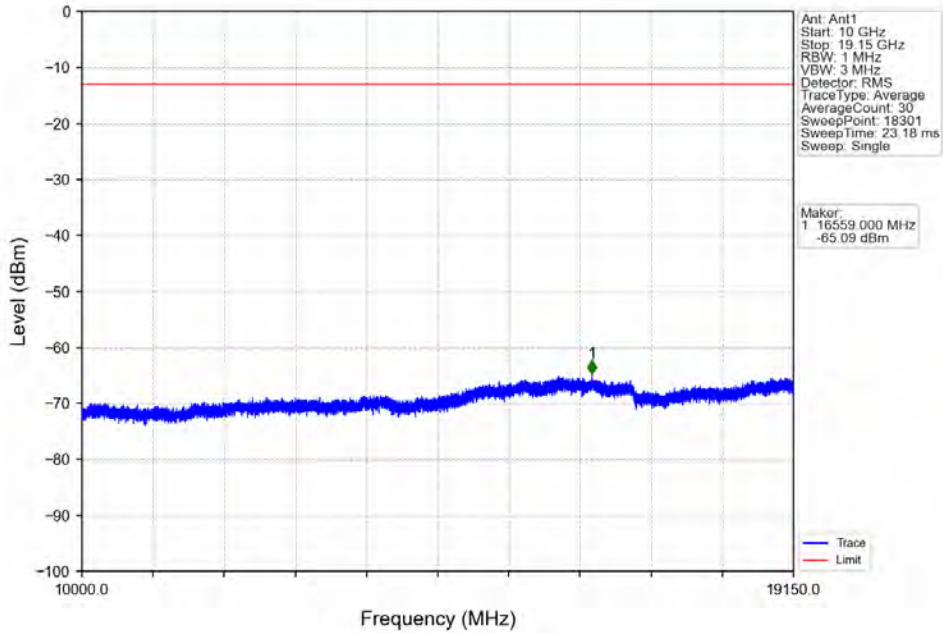
Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



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

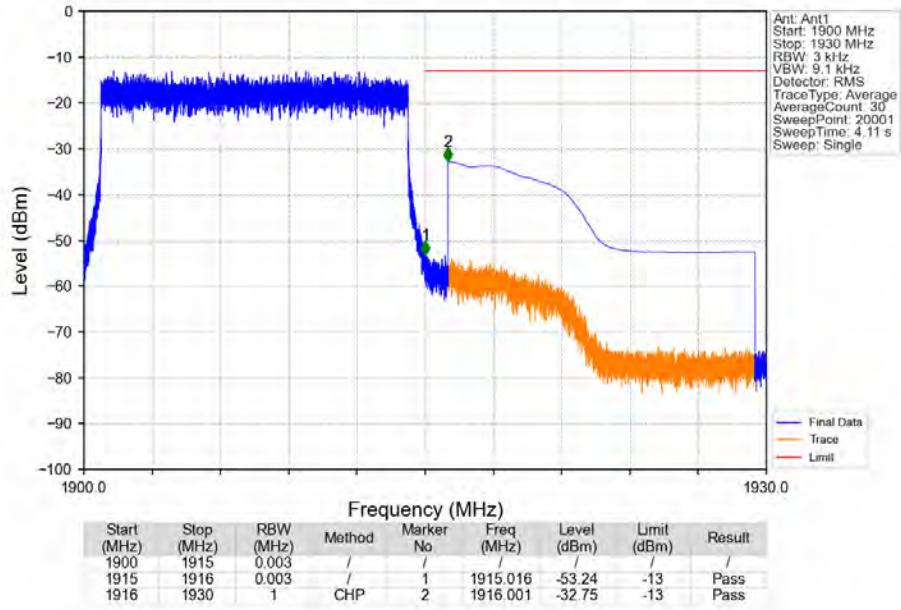


Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV

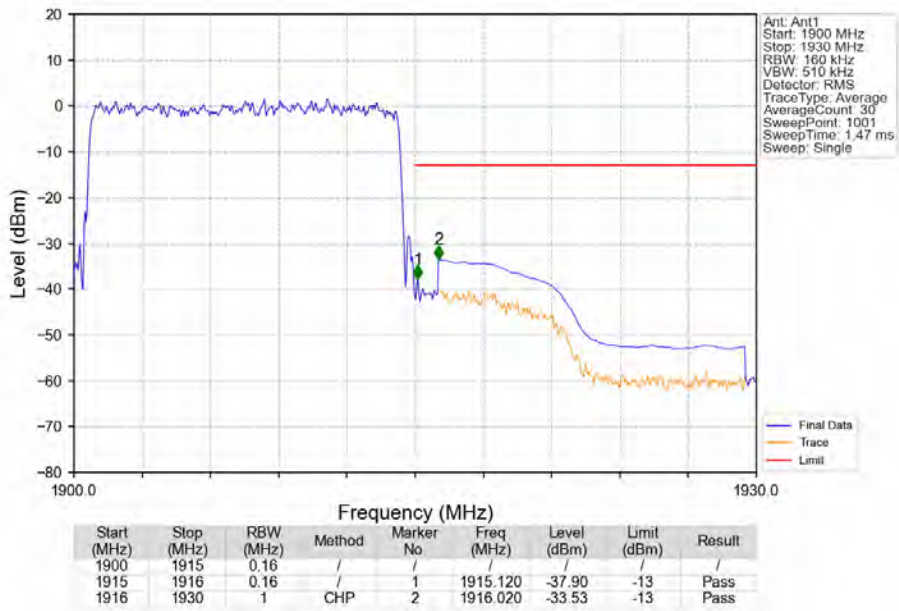




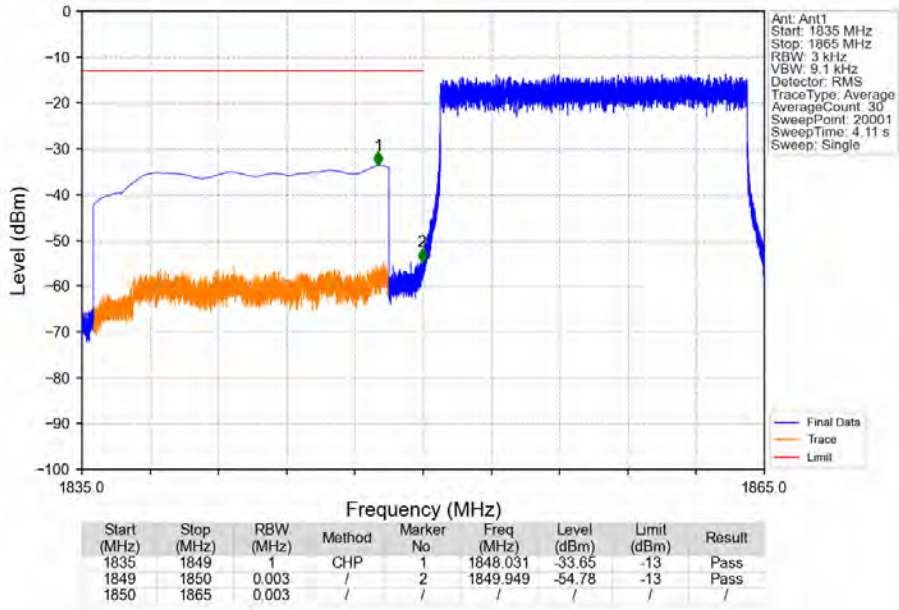
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_74\_NTNV



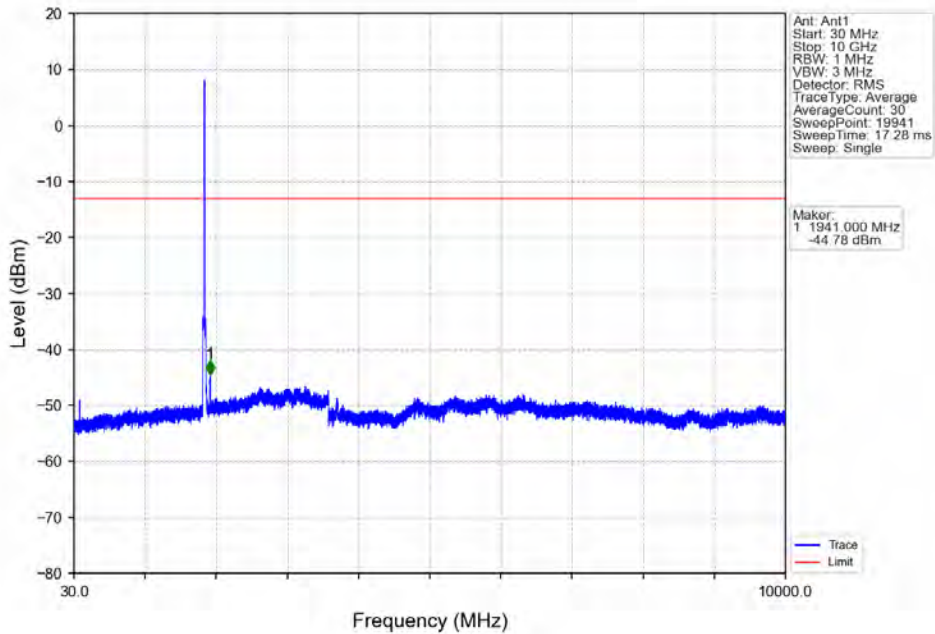
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



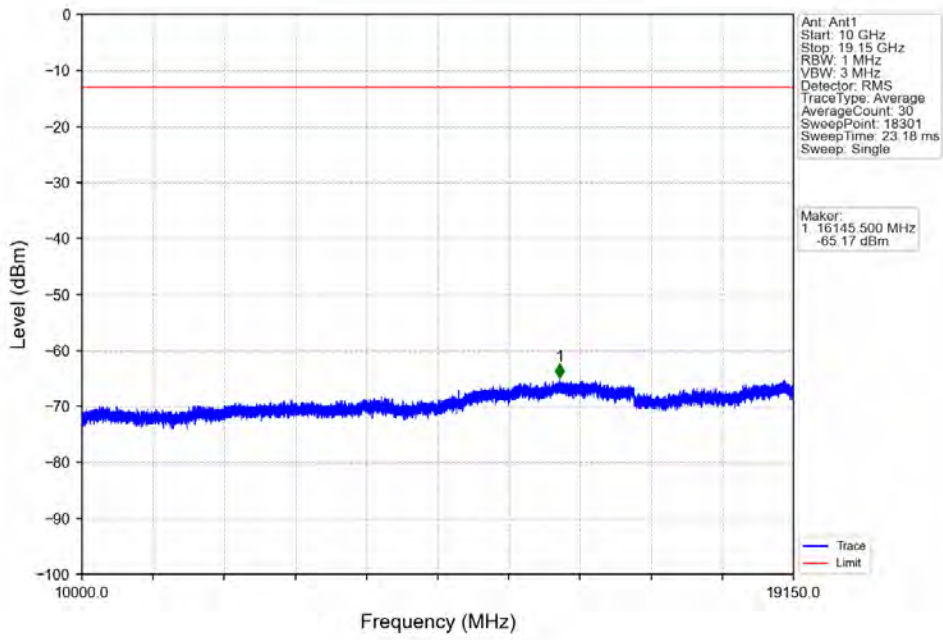
Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV



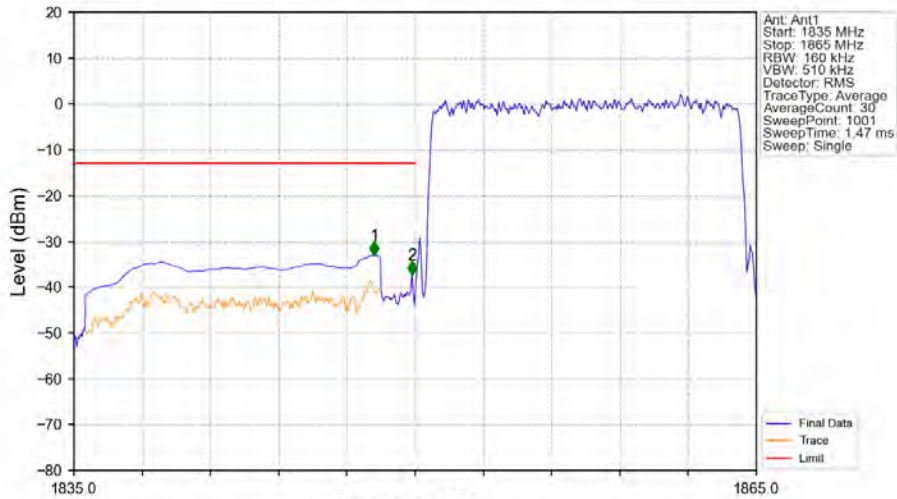
Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV



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

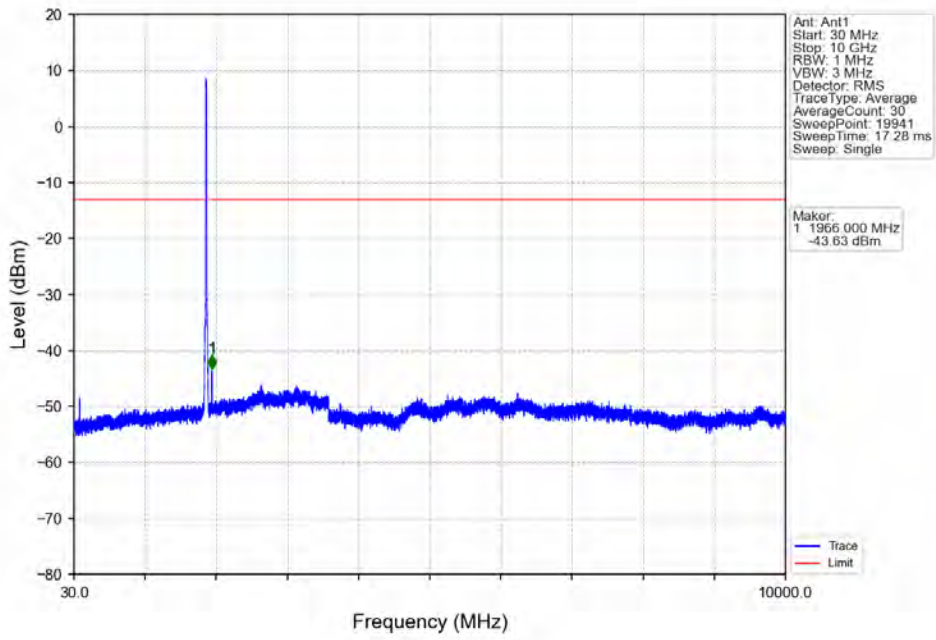


Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

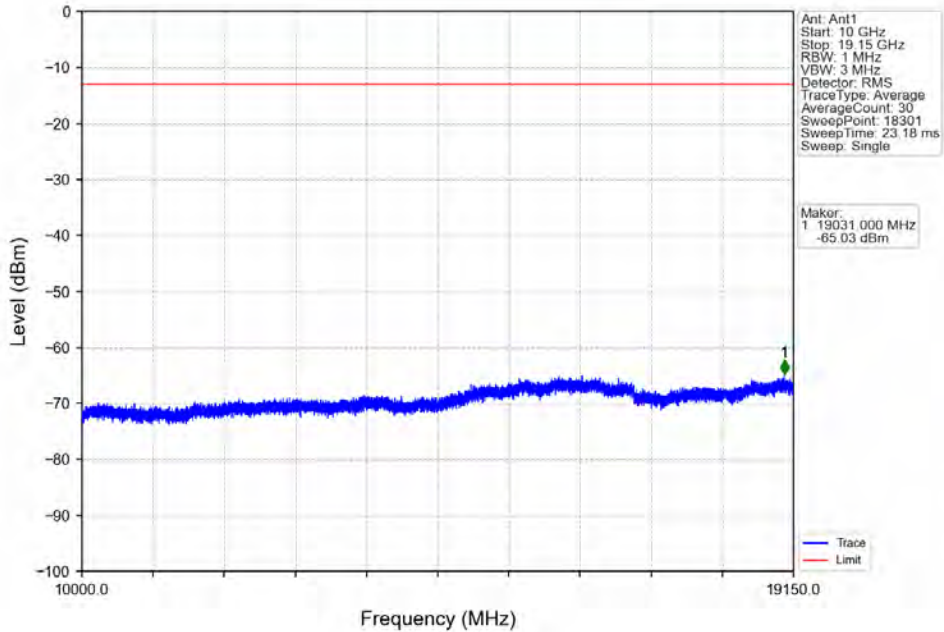


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.200	-33.06	-13	Pass
1849	1850	0.16	/	2	1849.850	-37.32	-13	Pass
1850	1865	0.16	/	/	/	/	/	/

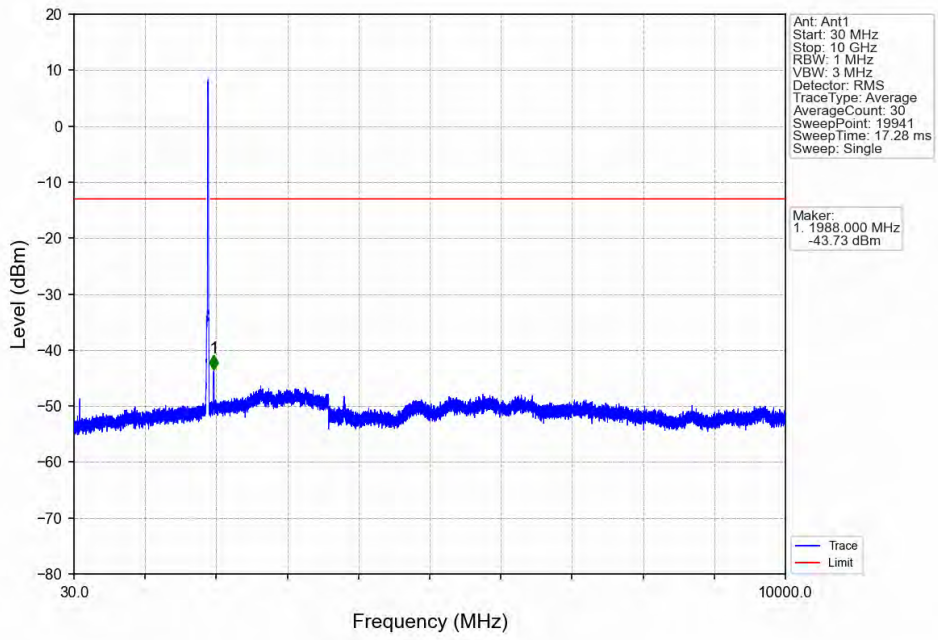
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



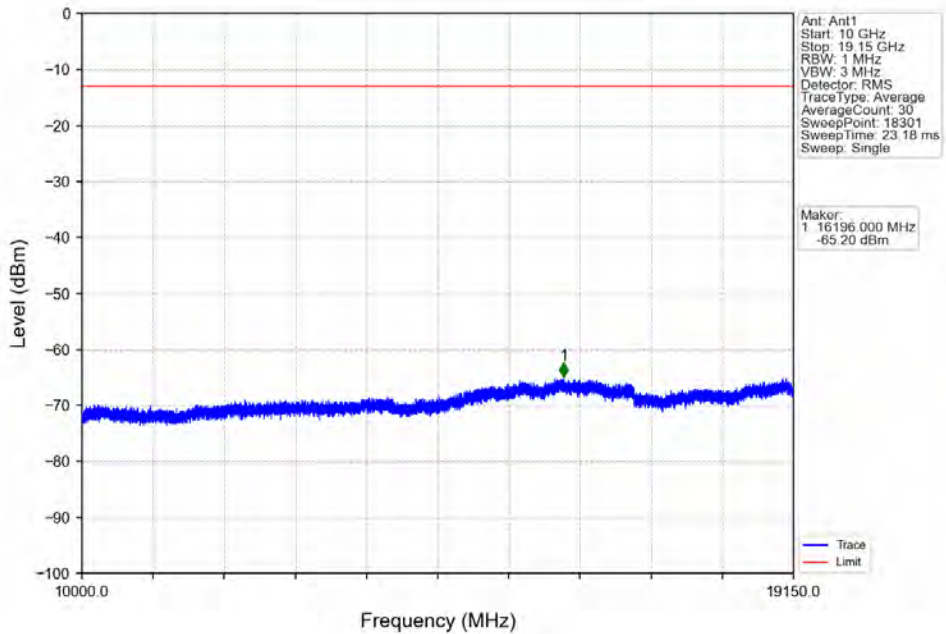
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



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

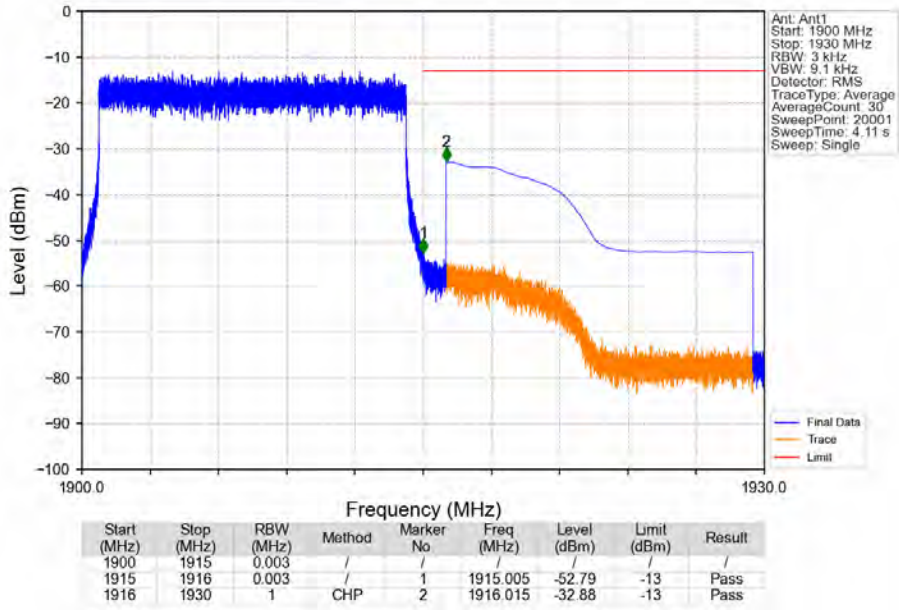


Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV

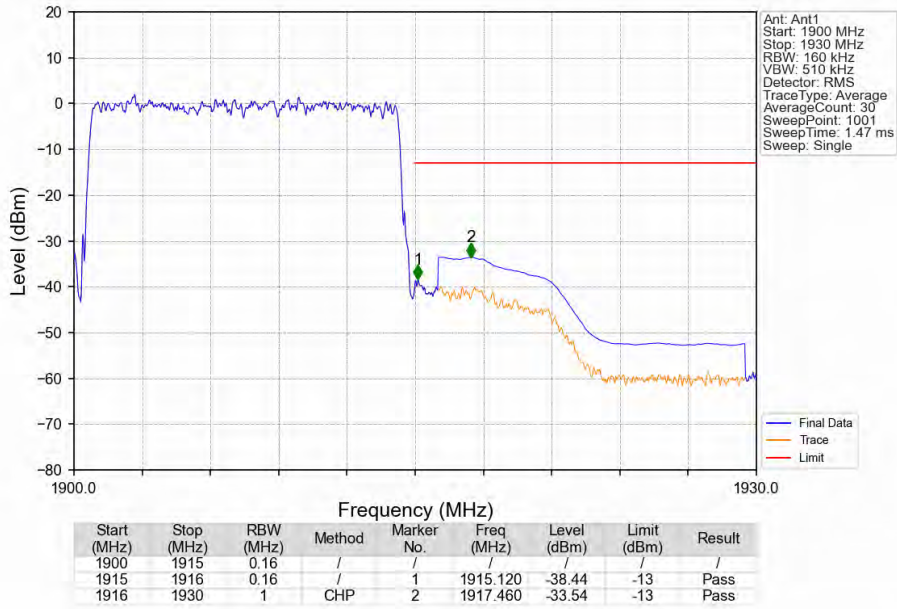




Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_74\_NTNV



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



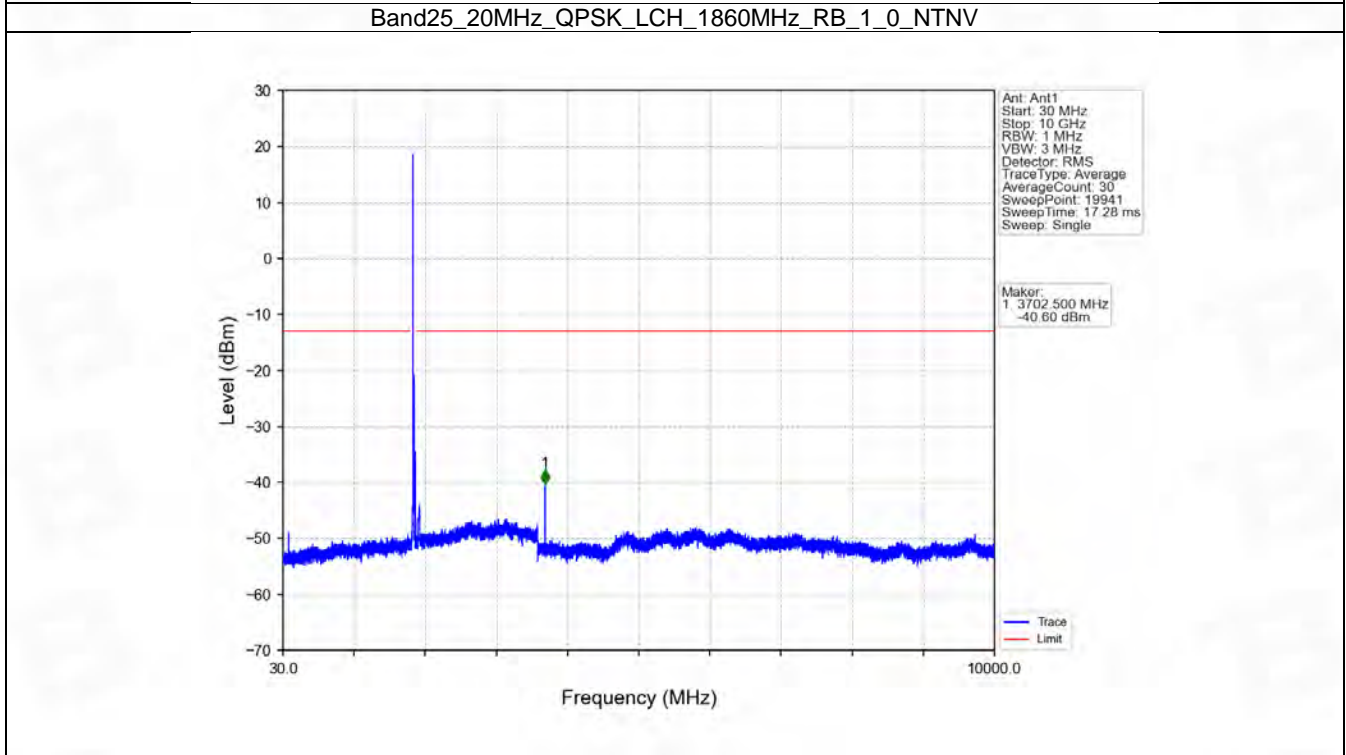
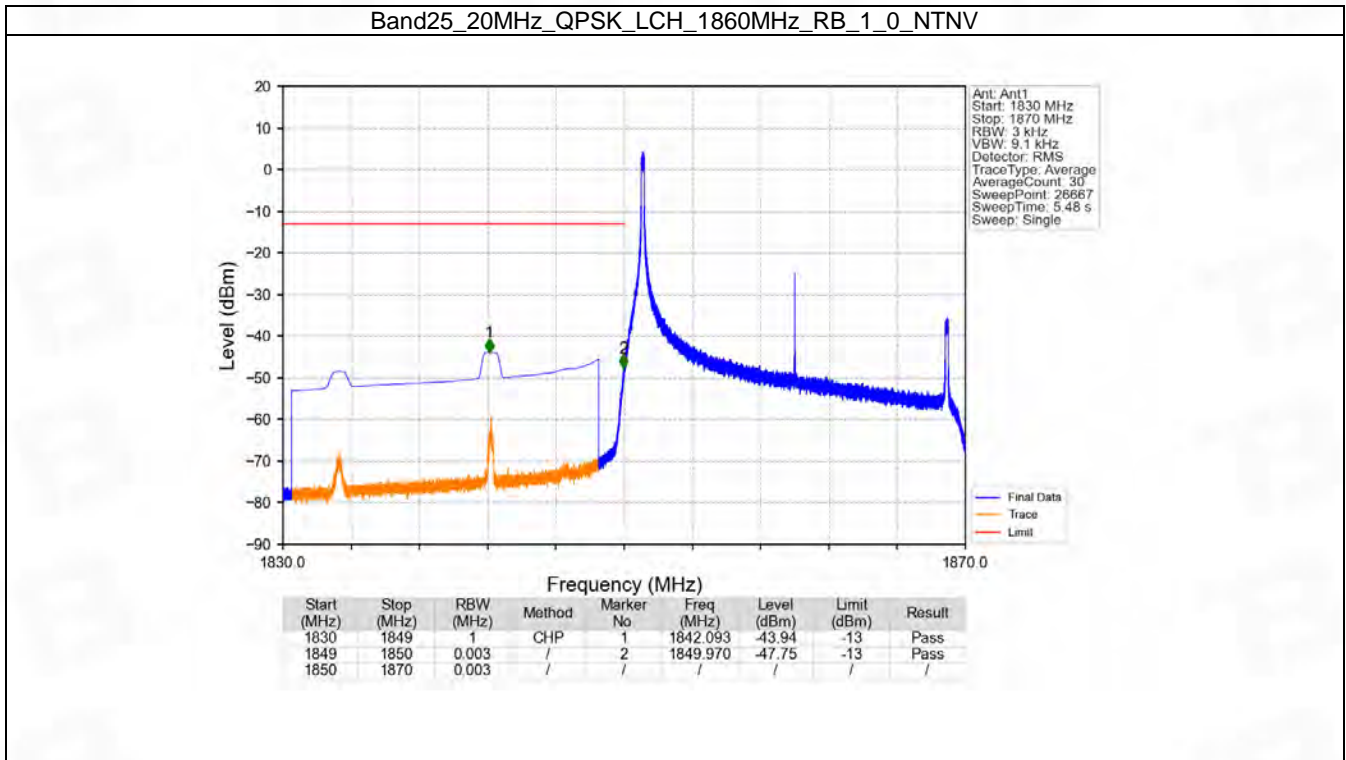


## 6.6 B25\_20MHz

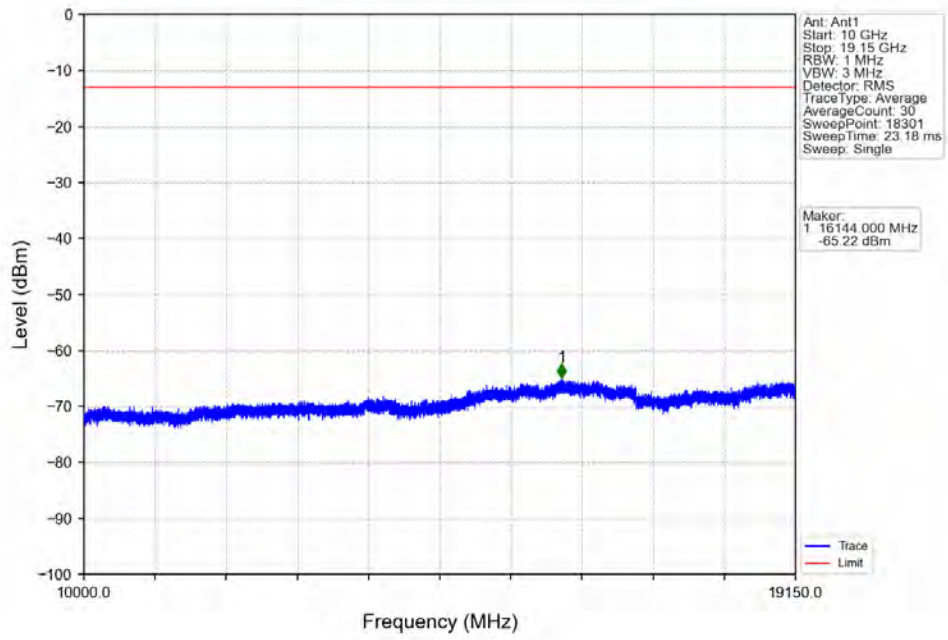
### 6.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTV							
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	

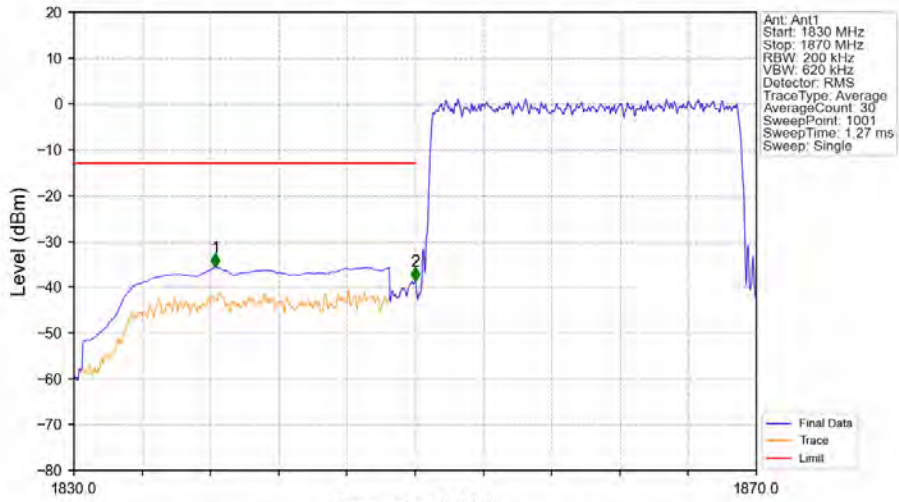
### 6.6.2 Test Graph



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

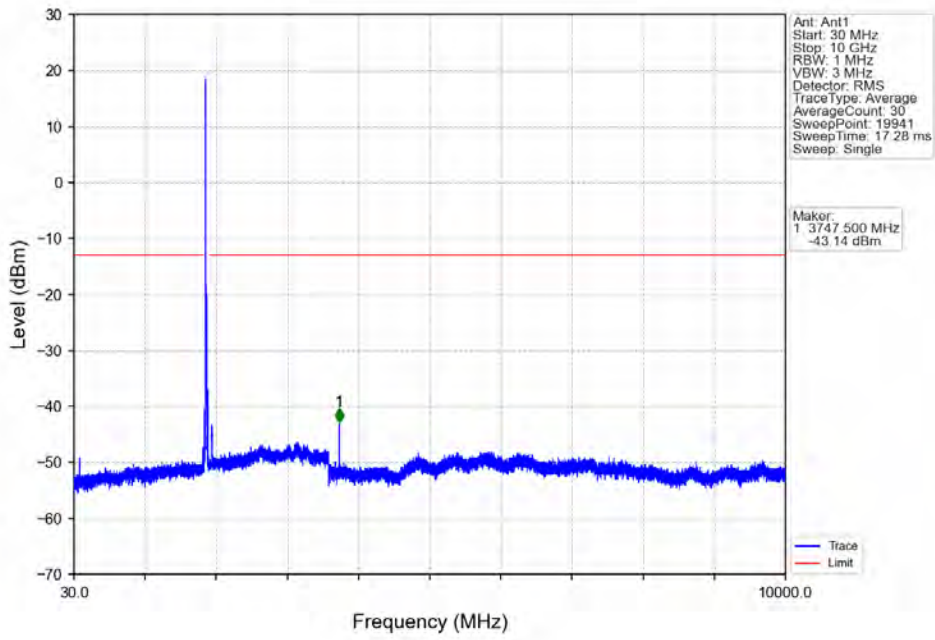


Band25\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV

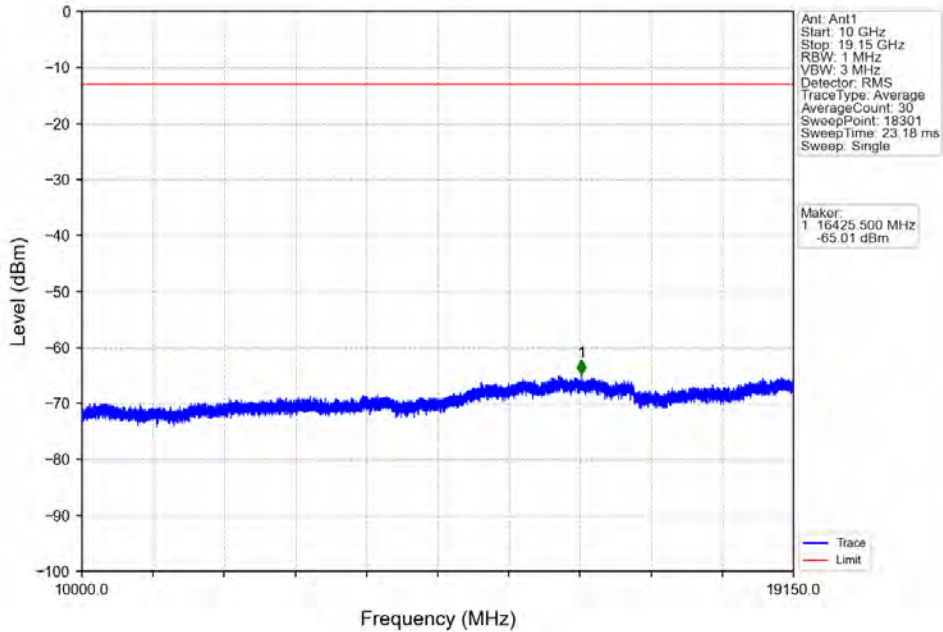


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1838.280	-35.71	-13	Pass
1849	1850	0.2	/	2	1850.000	-38.69	-13	Pass
1850	1870	0.2	/	/	/	/	/	/

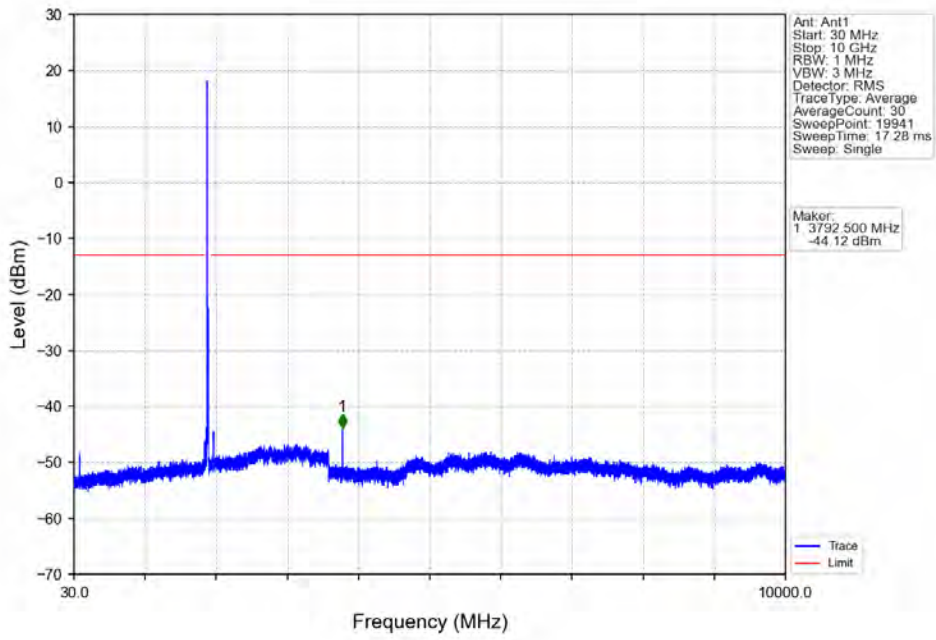
Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



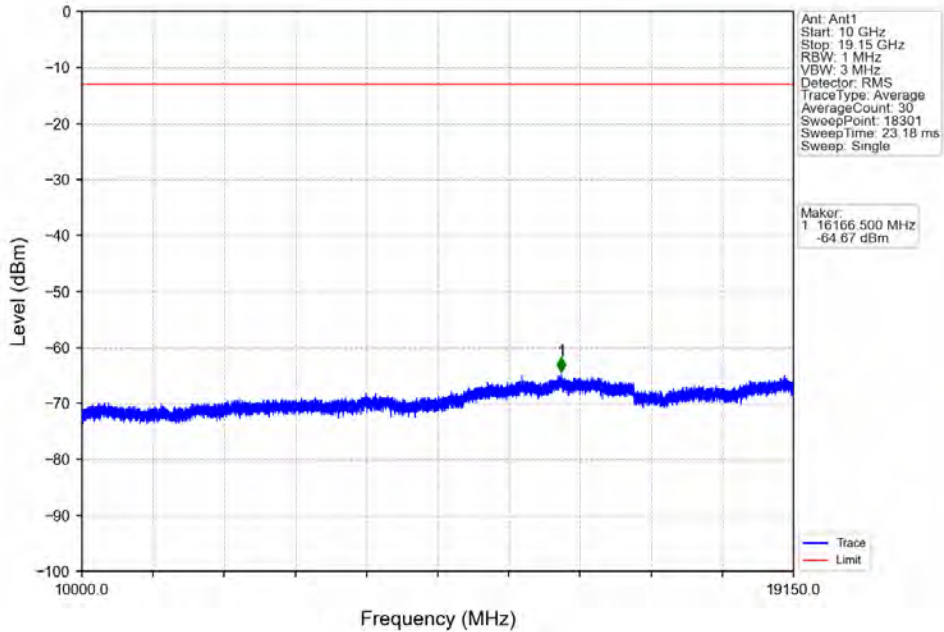
Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



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

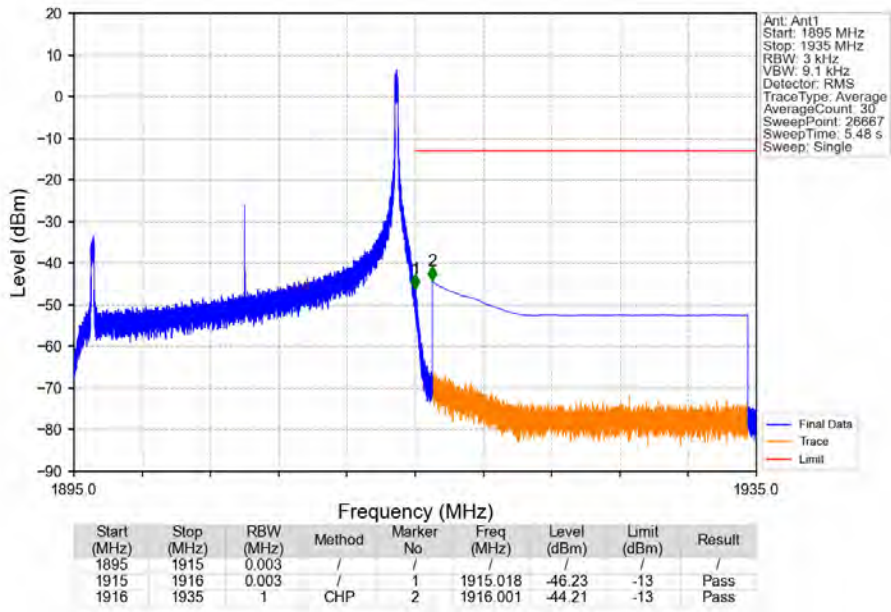


Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_0\_NTNV

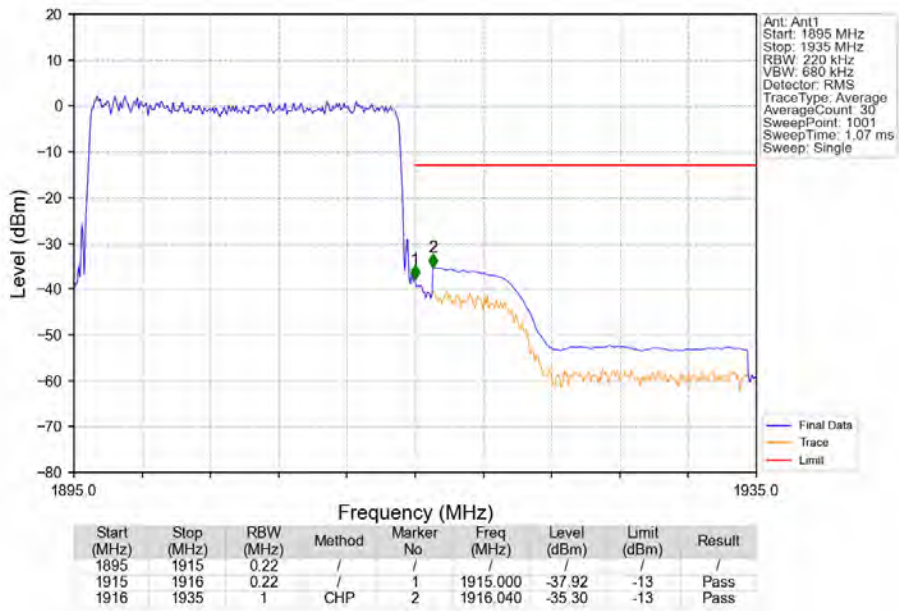




Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_99\_NTNV

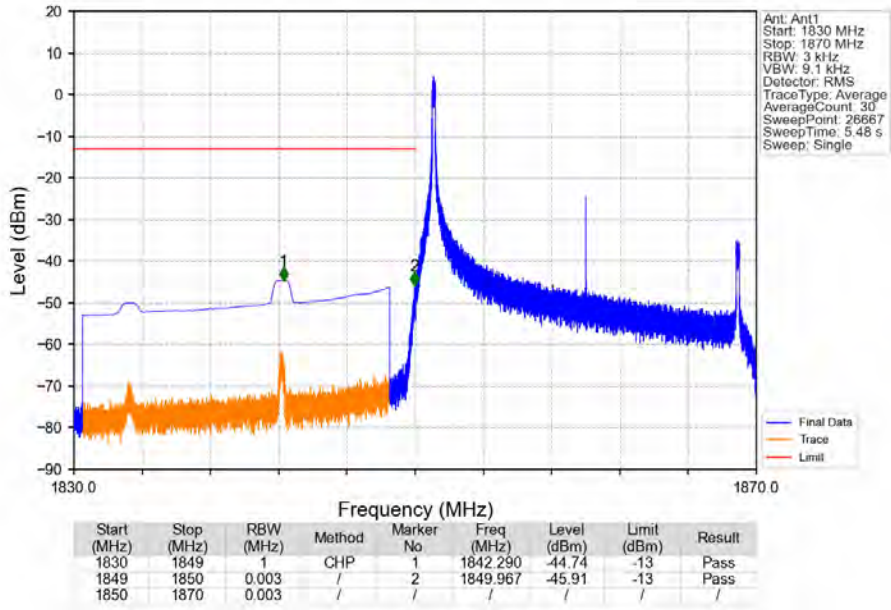


Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV

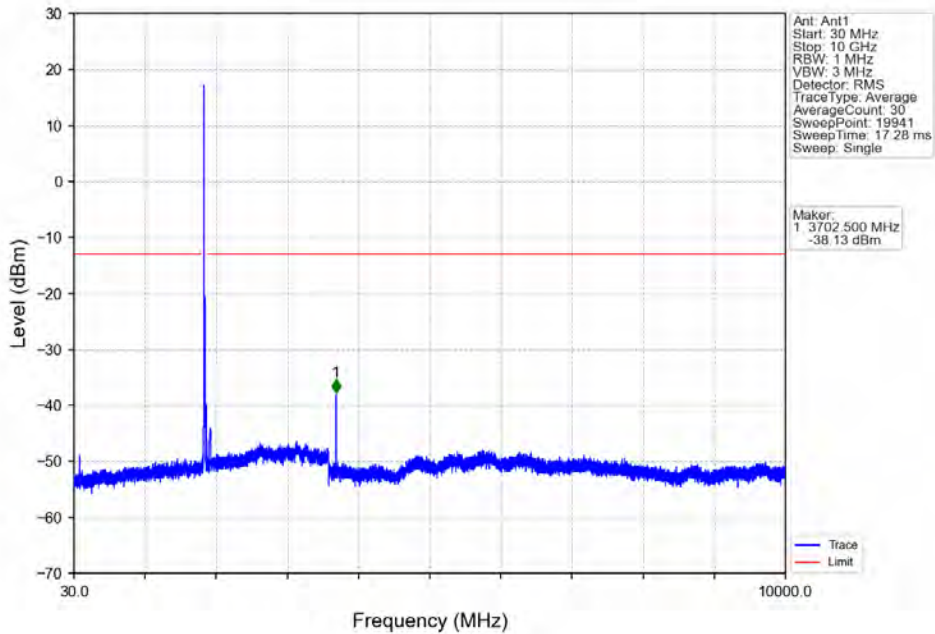




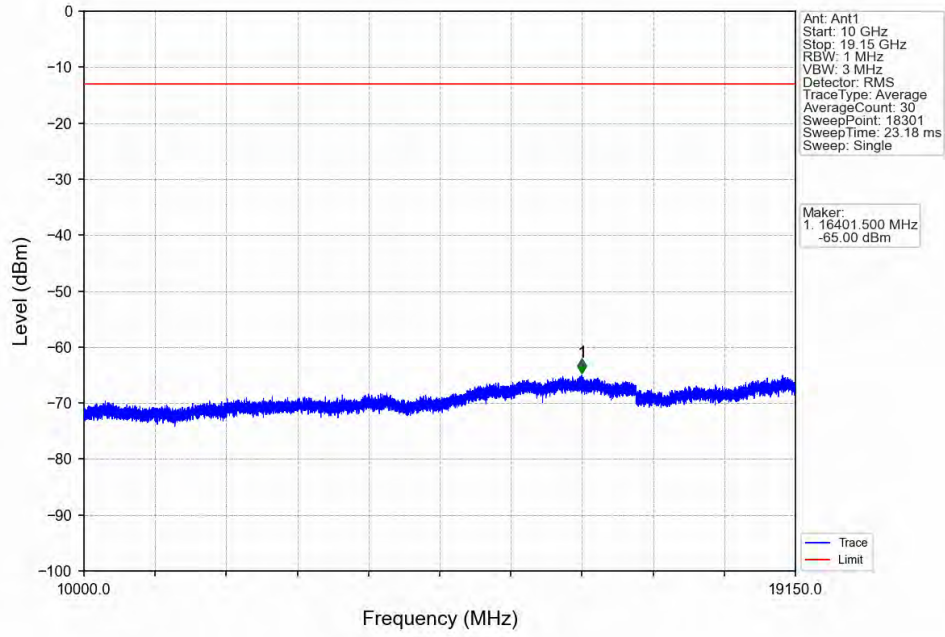
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



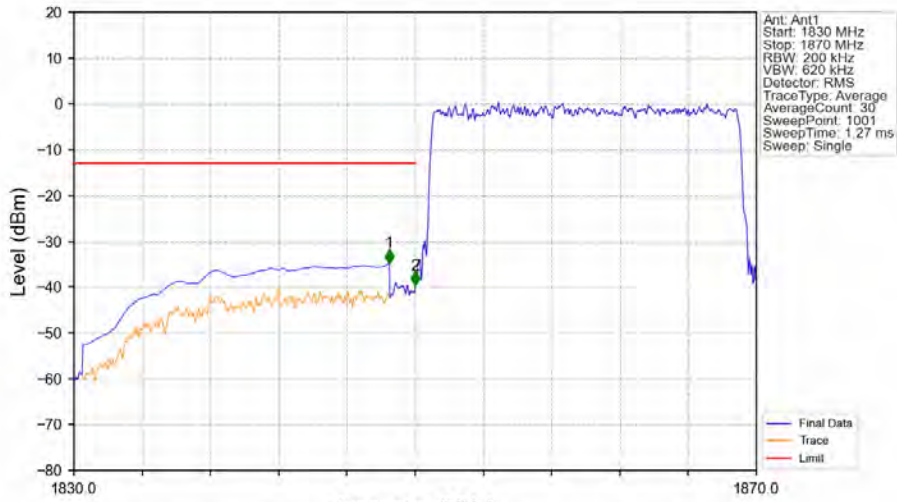
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



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

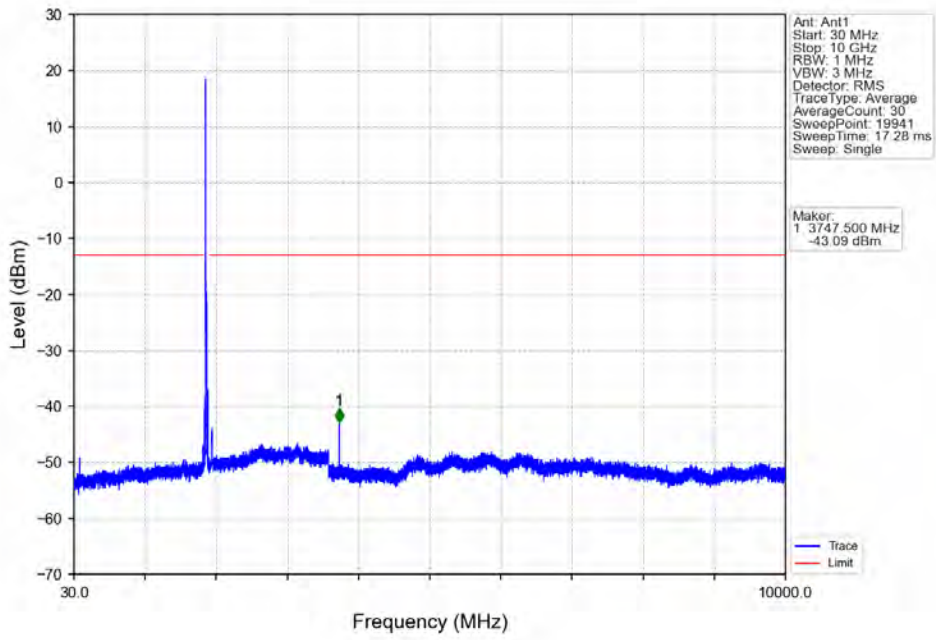


Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV

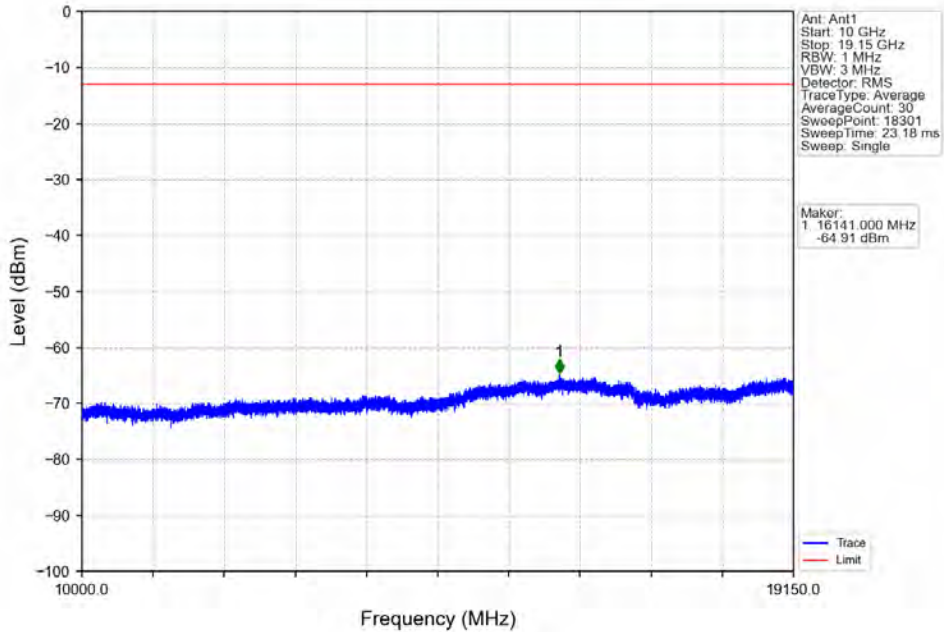


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-34.77	-13	Pass
1849	1850	0.2	/	2	1850.000	-39.62	-13	Pass
1850	1870	0.2	/	/	/	/	/	/

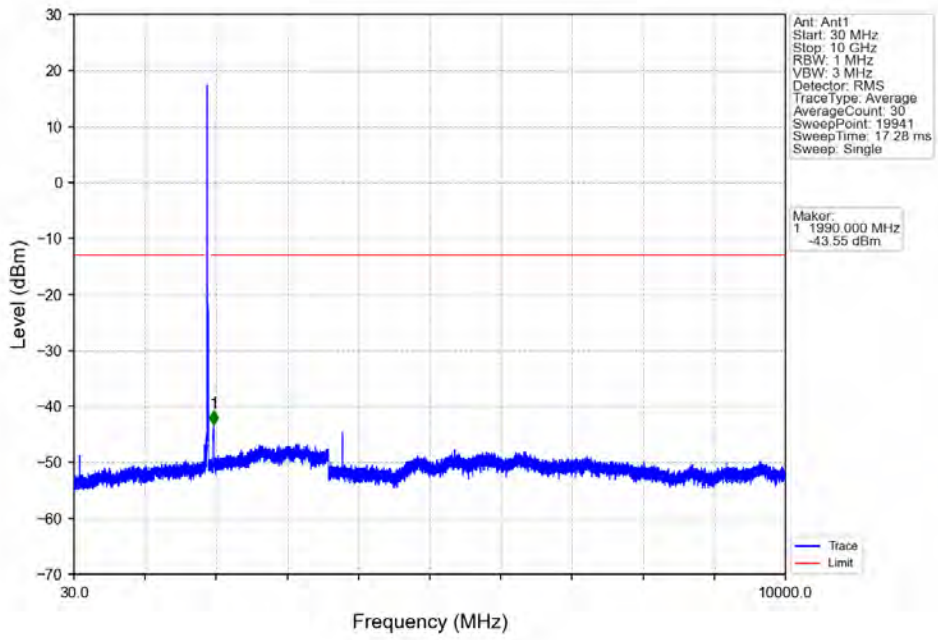
Band25\_20MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



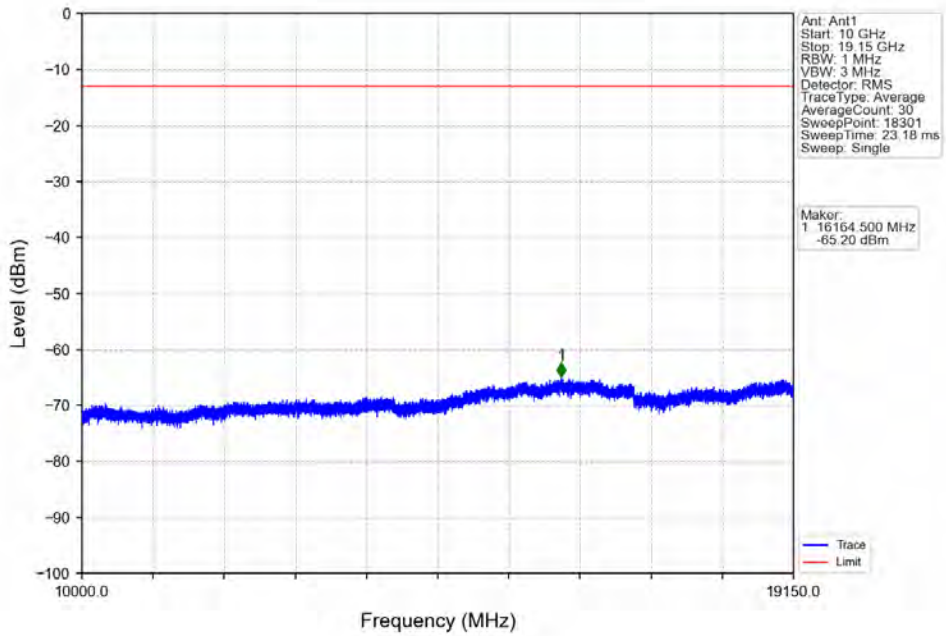
Band25\_20MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



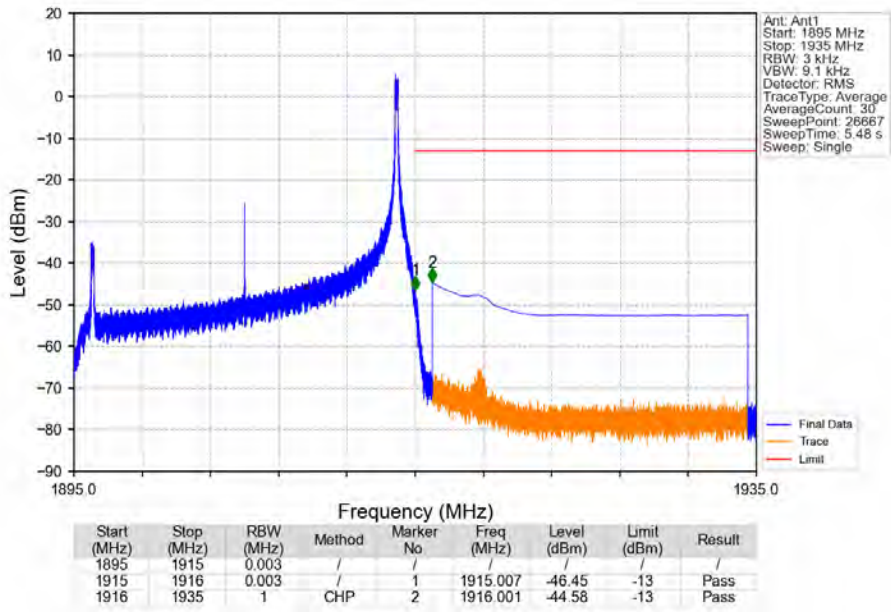
Band25\_20MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_0\_NTNV



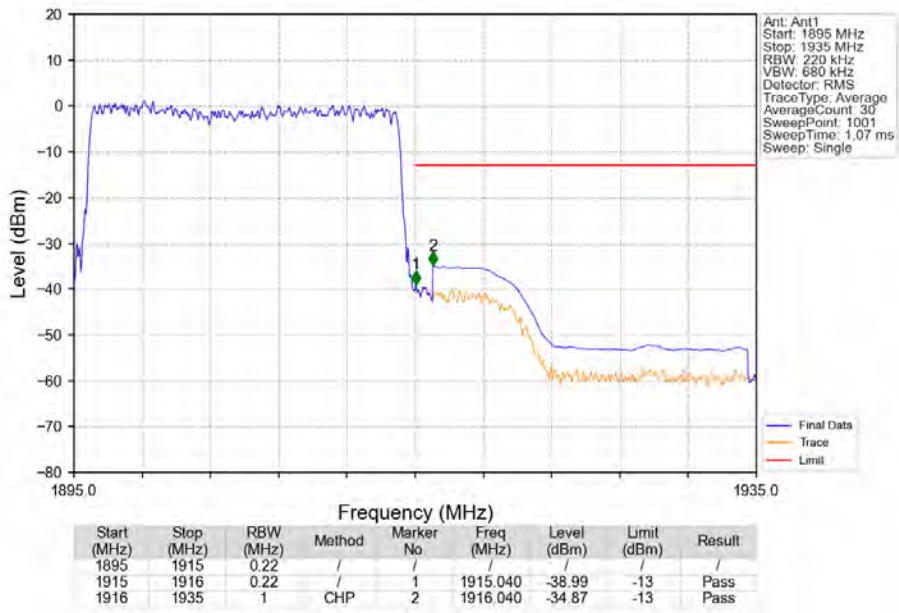
Band25\_20MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_0\_NTNV



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	0.1690	0.0249	ppm	1M11G7D	24E	22.28
25	1.4	1850.7	1914.3	0.1343	0.0289	ppm	1M12W7D	24E	21.28
25	3	1851.5	1913.5	0.1315	0.0293	ppm	2M76G7D	24E	21.19
25	3	1851.5	1913.5	0.1330	0.0255	ppm	2M77W7D	24E	21.24
25	5	1852.5	1912.5	0.1714	0.0285	ppm	4M56G7D	24E	22.34
25	5	1852.5	1912.5	0.1352	0.0297	ppm	4M58W7D	24E	21.31
25	10	1855	1910	0.1330	0.0230	ppm	9M08G7D	24E	21.24
25	10	1855	1910	0.1315	0.0245	ppm	9M08W7D	24E	21.19
25	15	1857.5	1907.5	0.1675	0.0274	ppm	13M7G7D	24E	22.24
25	15	1857.5	1907.5	0.1400	0.0246	ppm	13M7W7D	24E	21.46
25	20	1860	1905	0.1694	0.0221	ppm	18M3G7D	24E	22.29
25	20	1860	1905	0.1578	0.0248	ppm	18M2W7D	24E	21.98

## 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	0.1892	0.0249	ppm	1M11G7D	24E	22.77
25	1.4	1850.7	1914.3	0.1503	0.0289	ppm	1M12W7D	24E	21.77
25	3	1851.5	1913.5	0.1472	0.0293	ppm	2M76G7D	24E	21.68
25	3	1851.5	1913.5	0.1489	0.0255	ppm	2M77W7D	24E	21.73
25	5	1852.5	1912.5	0.1919	0.0285	ppm	4M56G7D	24E	22.83
25	5	1852.5	1912.5	0.1514	0.0297	ppm	4M58W7D	24E	21.80
25	10	1855	1910	0.1489	0.0230	ppm	9M08G7D	24E	21.73
25	10	1855	1910	0.1472	0.0245	ppm	9M08W7D	24E	21.68
25	15	1857.5	1907.5	0.1875	0.0274	ppm	13M7G7D	24E	22.73
25	15	1857.5	1907.5	0.1567	0.0246	ppm	13M7W7D	24E	21.95
25	20	1860	1905	0.1897	0.0221	ppm	18M3G7D	24E	22.78
25	20	1860	1905	0.1766	0.0248	ppm	18M2W7D	24E	22.47