



# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B25\_1.4MHz\_EIRP

### 1.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1850.7	1	0	23.15	-0.33	22.82	<=33.01	Pass		
			2	23.23	-0.33	22.90	<=33.01	Pass		
			5	23.24	-0.33	22.91	<=33.01	Pass		
		3	0	23.21	-0.33	22.88	<=33.01	Pass		
			2	23.13	-0.33	22.80	<=33.01	Pass		
			3	23.08	-0.33	22.75	<=33.01	Pass		
		6	0	22.11	-0.33	21.78	<=33.01	Pass		
		1882.5	1	0	22.88	-0.33	22.55	<=33.01	Pass	
				2	22.93	-0.33	22.60	<=33.01	Pass	
	5			22.92	-0.33	22.59	<=33.01	Pass		
	3		0	22.97	-0.33	22.64	<=33.01	Pass		
			2	22.94	-0.33	22.61	<=33.01	Pass		
			3	23.00	-0.33	22.67	<=33.01	Pass		
	6		0	21.92	-0.33	21.59	<=33.01	Pass		
	1914.3		1	0	22.96	-0.33	22.63	<=33.01	Pass	
				2	22.90	-0.33	22.57	<=33.01	Pass	
		5		22.91	-0.33	22.58	<=33.01	Pass		
		3	0	23.02	-0.33	22.69	<=33.01	Pass		
			2	22.92	-0.33	22.59	<=33.01	Pass		
			3	22.61	-0.33	22.28	<=33.01	Pass		
		6	0	21.88	-0.33	21.55	<=33.01	Pass		
		16QAM	1850.7	1	0	22.25	-0.33	21.92	<=33.01	Pass
					2	22.21	-0.33	21.88	<=33.01	Pass
	5				22.26	-0.33	21.93	<=33.01	Pass	
	3			0	22.05	-0.33	21.72	<=33.01	Pass	
				2	22.08	-0.33	21.75	<=33.01	Pass	
				3	22.02	-0.33	21.69	<=33.01	Pass	
6	0			21.20	-0.33	20.87	<=33.01	Pass		
1882.5	1			0	22.81	-0.33	22.48	<=33.01	Pass	
				2	22.84	-0.33	22.51	<=33.01	Pass	
			5	22.79	-0.33	22.46	<=33.01	Pass		
	3		0	22.12	-0.33	21.79	<=33.01	Pass		
			2	22.09	-0.33	21.76	<=33.01	Pass		
			3	22.16	-0.33	21.83	<=33.01	Pass		
	6		0	20.98	-0.33	20.65	<=33.01	Pass		
	1914.3		1	0	22.58	-0.33	22.25	<=33.01	Pass	
				2	22.52	-0.33	22.19	<=33.01	Pass	
5				22.20	-0.33	21.87	<=33.01	Pass		
3			0	21.98	-0.33	21.65	<=33.01	Pass		
			2	21.96	-0.33	21.63	<=33.01	Pass		
			3	21.94	-0.33	21.61	<=33.01	Pass		
6			0	21.03	-0.33	20.70	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain



1.2 B25\_3MHz\_EIRP

1.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1851.5	1	0	23.21	-0.33	22.88	<=33.01	Pass		
			7	22.21	-0.33	21.88	<=33.01	Pass		
			14	22.16	-0.33	21.83	<=33.01	Pass		
		8	0	22.25	-0.33	21.92	<=33.01	Pass		
			4	22.33	-0.33	22.00	<=33.01	Pass		
			7	22.29	-0.33	21.96	<=33.01	Pass		
		15	0	22.26	-0.33	21.93	<=33.01	Pass		
		1882.5	1	0	21.99	-0.33	21.66	<=33.01	Pass	
				7	21.96	-0.33	21.63	<=33.01	Pass	
	14			22.02	-0.33	21.69	<=33.01	Pass		
	8		0	22.01	-0.33	21.68	<=33.01	Pass		
			4	22.00	-0.33	21.67	<=33.01	Pass		
			7	21.99	-0.33	21.66	<=33.01	Pass		
	15		0	21.98	-0.33	21.65	<=33.01	Pass		
	1913.5		1	0	22.13	-0.33	21.80	<=33.01	Pass	
				7	22.05	-0.33	21.72	<=33.01	Pass	
		14		22.01	-0.33	21.68	<=33.01	Pass		
		8	0	22.16	-0.33	21.83	<=33.01	Pass		
			4	22.16	-0.33	21.83	<=33.01	Pass		
			7	22.14	-0.33	21.81	<=33.01	Pass		
		15	0	22.13	-0.33	21.80	<=33.01	Pass		
		16QAM	1851.5	1	0	22.24	-0.33	21.91	<=33.01	Pass
					7	22.22	-0.33	21.89	<=33.01	Pass
	14				22.21	-0.33	21.88	<=33.01	Pass	
8	0			22.19	-0.33	21.86	<=33.01	Pass		
	4			22.18	-0.33	21.85	<=33.01	Pass		
	7			22.18	-0.33	21.85	<=33.01	Pass		
15	0			22.17	-0.33	21.84	<=33.01	Pass		
1882.5	1			0	21.98	-0.33	21.65	<=33.01	Pass	
				7	21.97	-0.33	21.64	<=33.01	Pass	
			14	22.09	-0.33	21.76	<=33.01	Pass		
	8		0	22.03	-0.33	21.70	<=33.01	Pass		
			4	22.00	-0.33	21.67	<=33.01	Pass		
			7	21.99	-0.33	21.66	<=33.01	Pass		
	15		0	21.98	-0.33	21.65	<=33.01	Pass		
	1913.5		1	0	22.18	-0.33	21.85	<=33.01	Pass	
				7	22.11	-0.33	21.78	<=33.01	Pass	
14				22.09	-0.33	21.76	<=33.01	Pass		
8			0	22.09	-0.33	21.76	<=33.01	Pass		
			4	22.07	-0.33	21.74	<=33.01	Pass		
			7	22.07	-0.33	21.74	<=33.01	Pass		
15			0	22.06	-0.33	21.73	<=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	23.23	-0.33	22.90	<=33.01	Pass		
			13	23.17	-0.33	22.84	<=33.01	Pass		
			24	23.14	-0.33	22.81	<=33.01	Pass		
		12	0	22.16	-0.33	21.83	<=33.01	Pass		
			6	22.29	-0.33	21.96	<=33.01	Pass		
			13	22.30	-0.33	21.97	<=33.01	Pass		
		25	0	22.21	-0.33	21.88	<=33.01	Pass		
		1882.5	1	0	23.11	-0.33	22.78	<=33.01	Pass	
				13	22.90	-0.33	22.57	<=33.01	Pass	
	24			22.85	-0.33	22.52	<=33.01	Pass		
	12		0	21.97	-0.33	21.64	<=33.01	Pass		
			6	22.00	-0.33	21.67	<=33.01	Pass		
			13	21.97	-0.33	21.64	<=33.01	Pass		
	25		0	22.09	-0.33	21.76	<=33.01	Pass		
	1912.5		1	0	23.19	-0.33	22.86	<=33.01	Pass	
				13	23.29	-0.33	22.96	<=33.01	Pass	
		24		22.16	-0.33	21.83	<=33.01	Pass		
		12	0	22.15	-0.33	21.82	<=33.01	Pass		
			6	22.18	-0.33	21.85	<=33.01	Pass		
			13	22.16	-0.33	21.83	<=33.01	Pass		
		25	0	22.07	-0.33	21.74	<=33.01	Pass		
		16QAM	1852.5	1	0	21.92	-0.33	21.59	<=33.01	Pass
					13	21.90	-0.33	21.57	<=33.01	Pass
	24				21.92	-0.33	21.59	<=33.01	Pass	
12	0			21.27	-0.33	20.94	<=33.01	Pass		
	6			21.25	-0.33	20.92	<=33.01	Pass		
	13			21.20	-0.33	20.87	<=33.01	Pass		
25	0			21.31	-0.33	20.98	<=33.01	Pass		
1882.5	1			0	22.63	-0.33	22.30	<=33.01	Pass	
				13	22.67	-0.33	22.34	<=33.01	Pass	
			24	22.68	-0.33	22.35	<=33.01	Pass		
	12		0	21.05	-0.33	20.72	<=33.01	Pass		
			6	21.02	-0.33	20.69	<=33.01	Pass		
			13	21.02	-0.33	20.69	<=33.01	Pass		
	25		0	21.10	-0.33	20.77	<=33.01	Pass		
	1912.5		1	0	22.61	-0.33	22.28	<=33.01	Pass	
				13	22.65	-0.33	22.32	<=33.01	Pass	
24				22.05	-0.33	21.72	<=33.01	Pass		
12			0	21.17	-0.33	20.84	<=33.01	Pass		
			6	21.13	-0.33	20.80	<=33.01	Pass		
			13	21.13	-0.33	20.80	<=33.01	Pass		
25			0	21.10	-0.33	20.77	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B25\_10MHz\_EIRP

1.4.1 Test Result



Band: 25 / Bandwidth: 10MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1855	1	0	23.13	-0.33	22.80	<=33.01	Pass		
			25	23.13	-0.33	22.80	<=33.01	Pass		
			49	23.08	-0.33	22.75	<=33.01	Pass		
		25	0	22.23	-0.33	21.90	<=33.01	Pass		
			13	22.05	-0.33	21.72	<=33.01	Pass		
			25	22.18	-0.33	21.85	<=33.01	Pass		
		50	0	22.13	-0.33	21.80	<=33.01	Pass		
		1882.5	1	0	23.06	-0.33	22.73	<=33.01	Pass	
				25	23.05	-0.33	22.72	<=33.01	Pass	
	49			23.09	-0.33	22.76	<=33.01	Pass		
	25		0	22.03	-0.33	21.70	<=33.01	Pass		
			13	22.10	-0.33	21.77	<=33.01	Pass		
			25	22.08	-0.33	21.75	<=33.01	Pass		
	50		0	21.89	-0.33	21.56	<=33.01	Pass		
	1910		1	0	22.91	-0.33	22.58	<=33.01	Pass	
				25	23.02	-0.33	22.69	<=33.01	Pass	
		49		22.36	-0.33	22.03	<=33.01	Pass		
		25	0	22.08	-0.33	21.75	<=33.01	Pass		
			13	22.09	-0.33	21.76	<=33.01	Pass		
			25	22.12	-0.33	21.79	<=33.01	Pass		
		50	0	22.03	-0.33	21.70	<=33.01	Pass		
		16QAM	1855	1	0	23.03	-0.33	22.70	<=33.01	Pass
					25	22.96	-0.33	22.63	<=33.01	Pass
	49				22.92	-0.33	22.59	<=33.01	Pass	
25	0			21.21	-0.33	20.88	<=33.01	Pass		
	13			21.20	-0.33	20.87	<=33.01	Pass		
	25			21.20	-0.33	20.87	<=33.01	Pass		
50	0			21.19	-0.33	20.86	<=33.01	Pass		
1882.5	1			0	22.37	-0.33	22.04	<=33.01	Pass	
				25	22.37	-0.33	22.04	<=33.01	Pass	
			49	22.47	-0.33	22.14	<=33.01	Pass		
	25		0	21.21	-0.33	20.88	<=33.01	Pass		
			13	21.21	-0.33	20.88	<=33.01	Pass		
			25	21.27	-0.33	20.94	<=33.01	Pass		
	50		0	21.09	-0.33	20.76	<=33.01	Pass		
	1910		1	0	22.75	-0.33	22.42	<=33.01	Pass	
				25	22.78	-0.33	22.45	<=33.01	Pass	
49				22.33	-0.33	22.00	<=33.01	Pass		
25			0	21.21	-0.33	20.88	<=33.01	Pass		
			13	21.25	-0.33	20.92	<=33.01	Pass		
			25	21.29	-0.33	20.96	<=33.01	Pass		
50			0	21.21	-0.33	20.88	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.5 B25\_15MHz\_EIRP

### 1.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTV						
Modulation	Frequency	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit		
QPSK	1857.5	1	0	23.13	-0.33	22.80	<=33.01	Pass	
			38	23.03	-0.33	22.70	<=33.01	Pass	
			74	22.96	-0.33	22.63	<=33.01	Pass	
		36	0	22.15	-0.33	21.82	<=33.01	Pass	
			18	22.07	-0.33	21.74	<=33.01	Pass	
			39	22.00	-0.33	21.67	<=33.01	Pass	
		75	0	22.10	-0.33	21.77	<=33.01	Pass	
		1882.5	1	0	22.92	-0.33	22.59	<=33.01	Pass
				38	22.87	-0.33	22.54	<=33.01	Pass
	74			22.90	-0.33	22.57	<=33.01	Pass	
	36		0	22.06	-0.33	21.73	<=33.01	Pass	
			18	22.02	-0.33	21.69	<=33.01	Pass	
			39	22.04	-0.33	21.71	<=33.01	Pass	
	75		0	22.02	-0.33	21.69	<=33.01	Pass	
	1907.5		1	0	23.02	-0.33	22.69	<=33.01	Pass
				38	23.01	-0.33	22.68	<=33.01	Pass
		74		22.53	-0.33	22.20	<=33.01	Pass	
		36	0	22.04	-0.33	21.71	<=33.01	Pass	
			18	22.02	-0.33	21.69	<=33.01	Pass	
			39	22.11	-0.33	21.78	<=33.01	Pass	
		75	0	22.05	-0.33	21.72	<=33.01	Pass	
16QAM		1857.5	1	0	22.97	-0.33	22.64	<=33.01	Pass
				38	22.93	-0.33	22.60	<=33.01	Pass
	74			22.83	-0.33	22.50	<=33.01	Pass	
	36		0	21.24	-0.33	20.91	<=33.01	Pass	
			18	21.25	-0.33	20.92	<=33.01	Pass	
			39	21.27	-0.33	20.94	<=33.01	Pass	
	75		0	21.12	-0.33	20.79	<=33.01	Pass	
	1882.5		1	0	22.74	-0.33	22.41	<=33.01	Pass
				38	22.75	-0.33	22.42	<=33.01	Pass
		74		22.73	-0.33	22.40	<=33.01	Pass	
		36	0	20.97	-0.33	20.64	<=33.01	Pass	
			18	21.04	-0.33	20.71	<=33.01	Pass	
			39	21.18	-0.33	20.85	<=33.01	Pass	
		75	0	20.94	-0.33	20.61	<=33.01	Pass	
		1907.5	1	0	23.32	-0.33	22.99	<=33.01	Pass
				38	22.84	-0.33	22.51	<=33.01	Pass
	74			22.49	-0.33	22.16	<=33.01	Pass	
	36		0	21.17	-0.33	20.84	<=33.01	Pass	
			18	21.26	-0.33	20.93	<=33.01	Pass	
			39	21.27	-0.33	20.94	<=33.01	Pass	
	75		0	21.21	-0.33	20.88	<=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	23.31	-0.33	22.98	<=33.01	Pass



		50	50	23.20	-0.33	22.87	<=33.01	Pass		
			99	23.25	-0.33	22.92	<=33.01	Pass		
			0	22.12	-0.33	21.79	<=33.01	Pass		
		50	25	22.17	-0.33	21.84	<=33.01	Pass		
			50	21.99	-0.33	21.66	<=33.01	Pass		
			100	0	22.13	-0.33	21.80	<=33.01	Pass	
		1882.5	1	0	23.06	-0.33	22.73	<=33.01	Pass	
				50	23.07	-0.33	22.74	<=33.01	Pass	
				99	23.08	-0.33	22.75	<=33.01	Pass	
	50		0	22.08	-0.33	21.75	<=33.01	Pass		
			25	22.04	-0.33	21.71	<=33.01	Pass		
			50	22.20	-0.33	21.87	<=33.01	Pass		
	100		0	22.13	-0.33	21.80	<=33.01	Pass		
	1905		1	0	23.24	-0.33	22.91	<=33.01	Pass	
				50	23.19	-0.33	22.86	<=33.01	Pass	
		99		23.12	-0.33	22.79	<=33.01	Pass		
		50	0	22.01	-0.33	21.68	<=33.01	Pass		
			25	21.96	-0.33	21.63	<=33.01	Pass		
			50	22.22	-0.33	21.89	<=33.01	Pass		
		100	0	22.15	-0.33	21.82	<=33.01	Pass		
		16QAM	1860	1	0	22.76	-0.33	22.43	<=33.01	Pass
					50	22.71	-0.33	22.38	<=33.01	Pass
	99				22.73	-0.33	22.40	<=33.01	Pass	
	50			0	21.30	-0.33	20.97	<=33.01	Pass	
				25	21.27	-0.33	20.94	<=33.01	Pass	
				50	21.19	-0.33	20.86	<=33.01	Pass	
	100			0	21.18	-0.33	20.85	<=33.01	Pass	
1882.5	1			0	23.28	-0.33	22.95	<=33.01	Pass	
				50	23.35	-0.33	23.02	<=33.01	Pass	
			99	23.26	-0.33	22.93	<=33.01	Pass		
	50		0	21.15	-0.33	20.82	<=33.01	Pass		
			25	21.11	-0.33	20.78	<=33.01	Pass		
			50	21.25	-0.33	20.92	<=33.01	Pass		
	100		0	21.13	-0.33	20.80	<=33.01	Pass		
	1905		1	0	22.85	-0.33	22.52	<=33.01	Pass	
				50	22.90	-0.33	22.57	<=33.01	Pass	
99				22.84	-0.33	22.51	<=33.01	Pass		
50			0	21.25	-0.33	20.92	<=33.01	Pass		
			25	21.19	-0.33	20.86	<=33.01	Pass		
			50	21.28	-0.33	20.95	<=33.01	Pass		
100			0	21.22	-0.33	20.89	<=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	-14.849	-0.0080	-2.5 to 2.5	Pass



Test Report Number: BTF240419R00204

					3.85	13.947	0.0075	-2.5 to 2.5	Pass	
					4.43	28.181	0.0152	-2.5 to 2.5	Pass	
				-30	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass	
				-20	3.85	35.791	0.0193	-2.5 to 2.5	Pass	
				-10	3.85	14.091	0.0076	-2.5 to 2.5	Pass	
				0	3.85	45.962	0.0248	-2.5 to 2.5	Pass	
				10	3.85	21.257	0.0115	-2.5 to 2.5	Pass	
				30	3.85	18.368	0.0099	-2.5 to 2.5	Pass	
				40	3.85	36.707	0.0198	-2.5 to 2.5	Pass	
				50	3.85	35.462	0.0192	-2.5 to 2.5	Pass	
	1882.5	6	0	20		3.27	-35.291	-0.0187	-2.5 to 2.5	Pass
						3.85	12.703	0.0067	-2.5 to 2.5	Pass
						4.43	15.264	0.0081	-2.5 to 2.5	Pass
				-30	3.85	9.198	0.0049	-2.5 to 2.5	Pass	
				-20	3.85	29.082	0.0154	-2.5 to 2.5	Pass	
				-10	3.85	46.806	0.0249	-2.5 to 2.5	Pass	
				0	3.85	42.887	0.0228	-2.5 to 2.5	Pass	
				10	3.85	41.528	0.0221	-2.5 to 2.5	Pass	
				30	3.85	43.402	0.0231	-2.5 to 2.5	Pass	
				40	3.85	26.064	0.0138	-2.5 to 2.5	Pass	
	50	3.85	11.086	0.0059	-2.5 to 2.5	Pass				
	1914.3	6	0	20		3.27	-33.875	-0.0177	-2.5 to 2.5	Pass
						3.85	42.729	0.0223	-2.5 to 2.5	Pass
						4.43	26.250	0.0137	-2.5 to 2.5	Pass
				-30	3.85	-42.229	-0.0221	-2.5 to 2.5	Pass	
				-20	3.85	26.879	0.0140	-2.5 to 2.5	Pass	
				-10	3.85	44.775	0.0234	-2.5 to 2.5	Pass	
				0	3.85	29.140	0.0152	-2.5 to 2.5	Pass	
				10	3.85	20.428	0.0107	-2.5 to 2.5	Pass	
				30	3.85	42.686	0.0223	-2.5 to 2.5	Pass	
40				3.85	33.345	0.0174	-2.5 to 2.5	Pass		
50	3.85	35.591	0.0186	-2.5 to 2.5	Pass					
16QAM	1850.7	6	0	20		3.27	26.836	0.0145	-2.5 to 2.5	Pass
						3.85	10.386	0.0056	-2.5 to 2.5	Pass
						4.43	-22.216	-0.0120	-2.5 to 2.5	Pass
				-30	3.85	-4.835	-0.0026	-2.5 to 2.5	Pass	
				-20	3.85	-35.892	-0.0194	-2.5 to 2.5	Pass	
				-10	3.85	-10.185	-0.0055	-2.5 to 2.5	Pass	
				0	3.85	-30.985	-0.0167	-2.5 to 2.5	Pass	
				10	3.85	-12.031	-0.0065	-2.5 to 2.5	Pass	
				30	3.85	-25.663	-0.0139	-2.5 to 2.5	Pass	
				40	3.85	-29.640	-0.0160	-2.5 to 2.5	Pass	
	50	3.85	-40.612	-0.0219	-2.5 to 2.5	Pass				
	1882.5	6	0	20		3.27	51.298	0.0272	-2.5 to 2.5	Pass
						3.85	31.271	0.0166	-2.5 to 2.5	Pass
						4.43	-22.602	-0.0120	-2.5 to 2.5	Pass
				-30	3.85	-36.693	-0.0195	-2.5 to 2.5	Pass	
				-20	3.85	-24.190	-0.0128	-2.5 to 2.5	Pass	
				-10	3.85	-24.920	-0.0132	-2.5 to 2.5	Pass	
				0	3.85	3.719	0.0020	-2.5 to 2.5	Pass	
				10	3.85	-28.524	-0.0152	-2.5 to 2.5	Pass	
				30	3.85	-22.216	-0.0118	-2.5 to 2.5	Pass	
				40	3.85	-44.017	-0.0234	-2.5 to 2.5	Pass	
	50	3.85	-20.056	-0.0107	-2.5 to 2.5	Pass				
	1914.3	6	0	20		3.27	13.747	0.0072	-2.5 to 2.5	Pass



					3.85	3.991	0.0021	-2.5 to 2.5	Pass
					4.43	35.291	0.0184	-2.5 to 2.5	Pass
				-30	3.85	31.886	0.0167	-2.5 to 2.5	Pass
				-20	3.85	17.180	0.0090	-2.5 to 2.5	Pass
				-10	3.85	37.665	0.0197	-2.5 to 2.5	Pass
				0	3.85	38.524	0.0201	-2.5 to 2.5	Pass
				10	3.85	15.135	0.0079	-2.5 to 2.5	Pass
				30	3.85	33.932	0.0177	-2.5 to 2.5	Pass
				40	3.85	24.304	0.0127	-2.5 to 2.5	Pass
				50	3.85	6.781	0.0035	-2.5 to 2.5	Pass

## 2.2 B25\_3MHz

### 2.2.1 Test Result

Band: 25 / Bandwidth: 3MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1851.5	15	0	20	3.27	6.495	0.0035	-2.5 to 2.5	Pass	
					3.85	41.013	0.0222	-2.5 to 2.5	Pass	
					4.43	24.319	0.0131	-2.5 to 2.5	Pass	
				-30	3.85	47.092	0.0254	-2.5 to 2.5	Pass	
					-20	3.85	26.364	0.0142	-2.5 to 2.5	Pass
						-10	3.85	28.796	0.0156	-2.5 to 2.5
				0	3.85	14.777	0.0080	-2.5 to 2.5	Pass	
					10	3.85	16.179	0.0087	-2.5 to 2.5	Pass
				30	3.85	22.030	0.0119	-2.5 to 2.5	Pass	
	40	3.85	37.622	0.0203	-2.5 to 2.5	Pass				
	50	3.85	31.815	0.0172	-2.5 to 2.5	Pass				
	1882.5	15	0	20	3.27	-10.500	-0.0056	-2.5 to 2.5	Pass	
					3.85	39.110	0.0208	-2.5 to 2.5	Pass	
					4.43	30.499	0.0162	-2.5 to 2.5	Pass	
				-30	3.85	30.942	0.0164	-2.5 to 2.5	Pass	
					-20	3.85	30.470	0.0162	-2.5 to 2.5	Pass
						-10	3.85	8.154	0.0043	-2.5 to 2.5
				0	3.85	21.615	0.0115	-2.5 to 2.5	Pass	
					10	3.85	23.489	0.0125	-2.5 to 2.5	Pass
				30	3.85	19.369	0.0103	-2.5 to 2.5	Pass	
	40	3.85	22.817	0.0121	-2.5 to 2.5	Pass				
	50	3.85	44.675	0.0237	-2.5 to 2.5	Pass				
	1913.5	15	0	20	3.27	-30.384	-0.0159	-2.5 to 2.5	Pass	
					3.85	19.512	0.0102	-2.5 to 2.5	Pass	
					4.43	45.362	0.0237	-2.5 to 2.5	Pass	
				-30	3.85	44.274	0.0231	-2.5 to 2.5	Pass	
					-20	3.85	44.103	0.0230	-2.5 to 2.5	Pass
-10						3.85	35.591	0.0186	-2.5 to 2.5	Pass
0				3.85	29.826	0.0156	-2.5 to 2.5	Pass		
				10	3.85	14.319	0.0075	-2.5 to 2.5	Pass	
30				3.85	25.234	0.0132	-2.5 to 2.5	Pass		
40	3.85	42.758	0.0223	-2.5 to 2.5	Pass					
50	3.85	24.805	0.0130	-2.5 to 2.5	Pass					
16QAM	1851.5	15	0	20	3.27	-4.907	-0.0027	-2.5 to 2.5	Pass	
					3.85	17.309	0.0093	-2.5 to 2.5	Pass	





					4.43	11.716	0.0063	-2.5 to 2.5	Pass
				-30	3.85	29.254	0.0158	-2.5 to 2.5	Pass
				-20	3.85	17.252	0.0093	-2.5 to 2.5	Pass
				-10	3.85	46.048	0.0249	-2.5 to 2.5	Pass
				0	3.85	30.756	0.0166	-2.5 to 2.5	Pass
				10	3.85	18.539	0.0100	-2.5 to 2.5	Pass
				30	3.85	45.748	0.0247	-2.5 to 2.5	Pass
				40	3.85	16.794	0.0091	-2.5 to 2.5	Pass
				50	3.85	-10.371	-0.0056	-2.5 to 2.5	Pass
				1882.5	15	0	20	3.27	3.448
	3.85	20.742	0.0110					-2.5 to 2.5	Pass
	4.43	19.484	0.0104					-2.5 to 2.5	Pass
	-30	3.85	21.071				0.0112	-2.5 to 2.5	Pass
	-20	3.85	16.108				0.0086	-2.5 to 2.5	Pass
	-10	3.85	22.330				0.0119	-2.5 to 2.5	Pass
	0	3.85	33.045				0.0176	-2.5 to 2.5	Pass
	10	3.85	29.511				0.0157	-2.5 to 2.5	Pass
	30	3.85	31.471				0.0167	-2.5 to 2.5	Pass
	40	3.85	31.257				0.0166	-2.5 to 2.5	Pass
	50	3.85	44.560	0.0237	-2.5 to 2.5	Pass			
	1913.5	15	0	20	3.27	19.569	0.0102	-2.5 to 2.5	Pass
					3.85	9.670	0.0051	-2.5 to 2.5	Pass
					4.43	26.407	0.0138	-2.5 to 2.5	Pass
				-30	3.85	19.841	0.0104	-2.5 to 2.5	Pass
				-20	3.85	22.058	0.0115	-2.5 to 2.5	Pass
				-10	3.85	46.062	0.0241	-2.5 to 2.5	Pass
				0	3.85	46.248	0.0242	-2.5 to 2.5	Pass
				10	3.85	48.437	0.0253	-2.5 to 2.5	Pass
				30	3.85	47.178	0.0247	-2.5 to 2.5	Pass
				40	3.85	38.996	0.0204	-2.5 to 2.5	Pass
50	3.85	52.700	0.0275	-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	-35.591	-0.0192	-2.5 to 2.5	Pass			
					3.85	-49.438	-0.0267	-2.5 to 2.5	Pass			
					4.43	-28.481	-0.0154	-2.5 to 2.5	Pass			
				-30	3.85	-29.426	-0.0159	-2.5 to 2.5	Pass			
				-20	3.85	-28.224	-0.0152	-2.5 to 2.5	Pass			
				-10	3.85	-5.422	-0.0029	-2.5 to 2.5	Pass			
				0	3.85	3.505	0.0019	-2.5 to 2.5	Pass			
				10	3.85	-33.417	-0.0180	-2.5 to 2.5	Pass			
				30	3.85	-33.717	-0.0182	-2.5 to 2.5	Pass			
				40	3.85	-12.445	-0.0067	-2.5 to 2.5	Pass			
				50	3.85	-9.856	-0.0053	-2.5 to 2.5	Pass			
				1882.5	25	0	20	3.27	-35.105	-0.0186	-2.5 to 2.5	Pass
								3.85	-24.333	-0.0129	-2.5 to 2.5	Pass
								4.43	33.116	0.0176	-2.5 to 2.5	Pass

				-30	3.85	2.947	0.0016	-2.5 to 2.5	Pass			
				-20	3.85	26.765	0.0142	-2.5 to 2.5	Pass			
				-10	3.85	30.971	0.0165	-2.5 to 2.5	Pass			
				0	3.85	34.275	0.0182	-2.5 to 2.5	Pass			
				10	3.85	21.100	0.0112	-2.5 to 2.5	Pass			
				30	3.85	46.549	0.0247	-2.5 to 2.5	Pass			
				40	3.85	17.238	0.0092	-2.5 to 2.5	Pass			
	50	3.85	32.215	0.0171	-2.5 to 2.5	Pass						
	1912.5	25	0	20	3.27	-23.904	-0.0125	-2.5 to 2.5	Pass			
					3.85	14.133	0.0074	-2.5 to 2.5	Pass			
					4.43	23.103	0.0121	-2.5 to 2.5	Pass			
				-30	3.85	34.189	0.0179	-2.5 to 2.5	Pass			
				-20	3.85	11.158	0.0058	-2.5 to 2.5	Pass			
				-10	3.85	24.247	0.0127	-2.5 to 2.5	Pass			
				0	3.85	15.278	0.0080	-2.5 to 2.5	Pass			
				10	3.85	20.199	0.0106	-2.5 to 2.5	Pass			
				30	3.85	18.368	0.0096	-2.5 to 2.5	Pass			
				40	3.85	22.302	0.0117	-2.5 to 2.5	Pass			
				50	3.85	14.892	0.0078	-2.5 to 2.5	Pass			
16QAM				1852.5	25	0	20	3.27	-29.182	-0.0158	-2.5 to 2.5	Pass
	3.85	-8.426	-0.0045					-2.5 to 2.5	Pass			
	4.43	-39.582	-0.0214					-2.5 to 2.5	Pass			
	-30	3.85	-21.901				-0.0118	-2.5 to 2.5	Pass			
	-20	3.85	2.661				0.0014	-2.5 to 2.5	Pass			
	-10	3.85	-50.540				-0.0273	-2.5 to 2.5	Pass			
	0	3.85	-28.982				-0.0156	-2.5 to 2.5	Pass			
	10	3.85	-37.551				-0.0203	-2.5 to 2.5	Pass			
	30	3.85	-12.617				-0.0068	-2.5 to 2.5	Pass			
	40	3.85	-13.261				-0.0072	-2.5 to 2.5	Pass			
	50	3.85	-36.235				-0.0196	-2.5 to 2.5	Pass			
	1882.5	25	0				20	3.27	-2.074	-0.0011	-2.5 to 2.5	Pass
				3.85	-7.796	-0.0041		-2.5 to 2.5	Pass			
				4.43	-37.050	-0.0197		-2.5 to 2.5	Pass			
				-30	3.85	-24.033	-0.0128	-2.5 to 2.5	Pass			
				-20	3.85	-27.165	-0.0144	-2.5 to 2.5	Pass			
				-10	3.85	-42.901	-0.0228	-2.5 to 2.5	Pass			
				0	3.85	-36.964	-0.0196	-2.5 to 2.5	Pass			
				10	3.85	-33.002	-0.0175	-2.5 to 2.5	Pass			
				30	3.85	-18.682	-0.0099	-2.5 to 2.5	Pass			
				40	3.85	-21.672	-0.0115	-2.5 to 2.5	Pass			
				50	3.85	-1.001	-0.0005	-2.5 to 2.5	Pass			
				1912.5	25	0	20	3.27	-8.540	-0.0045	-2.5 to 2.5	Pass
								3.85	12.832	0.0067	-2.5 to 2.5	Pass
								4.43	0.029	0.0000	-2.5 to 2.5	Pass
							-30	3.85	-12.646	-0.0066	-2.5 to 2.5	Pass
	-20	3.85	-26.593				-0.0139	-2.5 to 2.5	Pass			
-10	3.85	-30.513	-0.0160				-2.5 to 2.5	Pass				
0	3.85	-33.889	-0.0177				-2.5 to 2.5	Pass				
10	3.85	-29.340	-0.0153				-2.5 to 2.5	Pass				
30	3.85	-22.144	-0.0116				-2.5 to 2.5	Pass				
40	3.85	-13.347	-0.0070	-2.5 to 2.5	Pass							
50	3.85	0.772	0.0004	-2.5 to 2.5	Pass							



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	-35.520	-0.0191	-2.5 to 2.5	Pass
					3.85	26.064	0.0141	-2.5 to 2.5	Pass
					4.43	29.883	0.0161	-2.5 to 2.5	Pass
				-30	3.85	12.689	0.0068	-2.5 to 2.5	Pass
				-20	3.85	38.095	0.0205	-2.5 to 2.5	Pass
				-10	3.85	3.304	0.0018	-2.5 to 2.5	Pass
				0	3.85	34.690	0.0187	-2.5 to 2.5	Pass
				10	3.85	43.073	0.0232	-2.5 to 2.5	Pass
				30	3.85	15.879	0.0086	-2.5 to 2.5	Pass
				40	3.85	28.253	0.0152	-2.5 to 2.5	Pass
	50	3.85	42.329	0.0228	-2.5 to 2.5	Pass			
	1882.5	50	0	20	3.27	-22.316	-0.0119	-2.5 to 2.5	Pass
					3.85	38.710	0.0206	-2.5 to 2.5	Pass
					4.43	29.011	0.0154	-2.5 to 2.5	Pass
				-30	3.85	27.208	0.0145	-2.5 to 2.5	Pass
				-20	3.85	15.593	0.0083	-2.5 to 2.5	Pass
				-10	3.85	15.421	0.0082	-2.5 to 2.5	Pass
				0	3.85	10.514	0.0056	-2.5 to 2.5	Pass
				10	3.85	25.377	0.0135	-2.5 to 2.5	Pass
				30	3.85	33.646	0.0179	-2.5 to 2.5	Pass
				40	3.85	9.542	0.0051	-2.5 to 2.5	Pass
	50	3.85	33.832	0.0180	-2.5 to 2.5	Pass			
	1910	50	0	20	3.27	-27.866	-0.0146	-2.5 to 2.5	Pass
					3.85	25.077	0.0131	-2.5 to 2.5	Pass
					4.43	27.308	0.0143	-2.5 to 2.5	Pass
				-30	3.85	37.022	0.0194	-2.5 to 2.5	Pass
				-20	3.85	8.755	0.0046	-2.5 to 2.5	Pass
				-10	3.85	14.520	0.0076	-2.5 to 2.5	Pass
				0	3.85	36.664	0.0192	-2.5 to 2.5	Pass
				10	3.85	13.604	0.0071	-2.5 to 2.5	Pass
30				3.85	23.890	0.0125	-2.5 to 2.5	Pass	
40				3.85	28.467	0.0149	-2.5 to 2.5	Pass	
50	3.85	18.539	0.0097	-2.5 to 2.5	Pass				
16QAM	1855	50	0	20	3.27	-6.852	-0.0037	-2.5 to 2.5	Pass
					3.85	-20.113	-0.0108	-2.5 to 2.5	Pass
					4.43	4.721	0.0025	-2.5 to 2.5	Pass
				-30	3.85	-4.649	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-44.589	-0.0240	-2.5 to 2.5	Pass
				-10	3.85	-25.892	-0.0140	-2.5 to 2.5	Pass
				0	3.85	-12.646	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-29.011	-0.0156	-2.5 to 2.5	Pass
				30	3.85	-17.567	-0.0095	-2.5 to 2.5	Pass
				40	3.85	-30.813	-0.0166	-2.5 to 2.5	Pass
	50	3.85	-45.748	-0.0247	-2.5 to 2.5	Pass			
	1882.5	50	0	20	3.27	0.830	0.0004	-2.5 to 2.5	Pass
					3.85	-20.871	-0.0111	-2.5 to 2.5	Pass
					4.43	-29.740	-0.0158	-2.5 to 2.5	Pass
				-30	3.85	-14.577	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-10.614	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-17.023	-0.0090	-2.5 to 2.5	Pass



				0	3.85	-14.477	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-34.175	-0.0182	-2.5 to 2.5	Pass
				30	3.85	-32.473	-0.0172	-2.5 to 2.5	Pass
				40	3.85	-16.766	-0.0089	-2.5 to 2.5	Pass
				50	3.85	-4.234	-0.0022	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	13.075	0.0068	-2.5 to 2.5	Pass
					3.85	-31.328	-0.0164	-2.5 to 2.5	Pass
					4.43	-37.465	-0.0196	-2.5 to 2.5	Pass
				-30	3.85	-34.347	-0.0180	-2.5 to 2.5	Pass
				-20	3.85	-31.228	-0.0163	-2.5 to 2.5	Pass
				-10	3.85	-16.322	-0.0085	-2.5 to 2.5	Pass
				0	3.85	2.146	0.0011	-2.5 to 2.5	Pass
				10	3.85	-21.157	-0.0111	-2.5 to 2.5	Pass
				30	3.85	-37.837	-0.0198	-2.5 to 2.5	Pass
				40	3.85	-5.865	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-14.577	-0.0076	-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	25.992	0.0140	-2.5 to 2.5	Pass			
					3.85	25.921	0.0140	-2.5 to 2.5	Pass			
					4.43	16.394	0.0088	-2.5 to 2.5	Pass			
				-30	3.85	29.268	0.0158	-2.5 to 2.5	Pass			
				-20	3.85	29.325	0.0158	-2.5 to 2.5	Pass			
				-10	3.85	22.902	0.0123	-2.5 to 2.5	Pass			
				0	3.85	22.931	0.0123	-2.5 to 2.5	Pass			
				10	3.85	31.772	0.0171	-2.5 to 2.5	Pass			
				30	3.85	28.396	0.0153	-2.5 to 2.5	Pass			
				40	3.85	39.825	0.0214	-2.5 to 2.5	Pass			
				50	3.85	37.851	0.0204	-2.5 to 2.5	Pass			
				1882.5	75	0	20	3.27	-26.279	-0.0140	-2.5 to 2.5	Pass
								3.85	25.177	0.0134	-2.5 to 2.5	Pass
								4.43	39.425	0.0209	-2.5 to 2.5	Pass
							-30	3.85	32.029	0.0170	-2.5 to 2.5	Pass
	-20	3.85	21.830				0.0116	-2.5 to 2.5	Pass			
	-10	3.85	32.787				0.0174	-2.5 to 2.5	Pass			
	0	3.85	41.914				0.0223	-2.5 to 2.5	Pass			
	10	3.85	16.952				0.0090	-2.5 to 2.5	Pass			
	30	3.85	20.742				0.0110	-2.5 to 2.5	Pass			
	1907.5	75	0	20	3.27	-30.613	-0.0160	-2.5 to 2.5	Pass			
					3.85	12.102	0.0063	-2.5 to 2.5	Pass			
					4.43	21.772	0.0114	-2.5 to 2.5	Pass			
				-30	3.85	25.735	0.0135	-2.5 to 2.5	Pass			
				-20	3.85	37.909	0.0199	-2.5 to 2.5	Pass			
				-10	3.85	37.565	0.0197	-2.5 to 2.5	Pass			
				0	3.85	24.319	0.0127	-2.5 to 2.5	Pass			

				10	3.85	30.270	0.0159	-2.5 to 2.5	Pass	
				30	3.85	28.739	0.0151	-2.5 to 2.5	Pass	
				40	3.85	24.347	0.0128	-2.5 to 2.5	Pass	
				50	3.85	20.871	0.0109	-2.5 to 2.5	Pass	
16QAM	1857.5	75	0	20	3.27	-1.473	-0.0008	-2.5 to 2.5	Pass	
					3.85	13.390	0.0072	-2.5 to 2.5	Pass	
					4.43	16.465	0.0089	-2.5 to 2.5	Pass	
				-30	3.85	31.657	0.0170	-2.5 to 2.5	Pass	
					-20	3.85	29.397	0.0158	-2.5 to 2.5	Pass
						3.85	6.666	0.0036	-2.5 to 2.5	Pass
				-10	3.85	25.434	0.0137	-2.5 to 2.5	Pass	
					0	3.85	-12.302	-0.0066	-2.5 to 2.5	Pass
				10	3.85	5.779	0.0031	-2.5 to 2.5	Pass	
					3.85	25.878	0.0139	-2.5 to 2.5	Pass	
					3.85	39.096	0.0210	-2.5 to 2.5	Pass	
					20	3.27	44.689	0.0237	-2.5 to 2.5	Pass
	3.85	28.725	0.0153			-2.5 to 2.5	Pass			
	4.43	41.585	0.0221			-2.5 to 2.5	Pass			
	-30	3.85	2.618	0.0014	-2.5 to 2.5	Pass				
		-20	3.85	17.896	0.0095	-2.5 to 2.5	Pass			
			3.85	39.711	0.0211	-2.5 to 2.5	Pass			
	-10	3.85	14.863	0.0079	-2.5 to 2.5	Pass				
		0	3.85	22.545	0.0120	-2.5 to 2.5	Pass			
	10	3.85	28.710	0.0153	-2.5 to 2.5	Pass				
		3.85	30.556	0.0162	-2.5 to 2.5	Pass				
		3.85	36.807	0.0196	-2.5 to 2.5	Pass				
		20	3.27	32.301	0.0169	-2.5 to 2.5	Pass			
			3.85	44.661	0.0234	-2.5 to 2.5	Pass			
			4.43	24.447	0.0128	-2.5 to 2.5	Pass			
	-30	3.85	40.197	0.0211	-2.5 to 2.5	Pass				
		-20	3.85	7.854	0.0041	-2.5 to 2.5	Pass			
			3.85	9.642	0.0051	-2.5 to 2.5	Pass			
	-10	3.85	30.398	0.0159	-2.5 to 2.5	Pass				
		0	3.85	24.276	0.0127	-2.5 to 2.5	Pass			
10	3.85	39.182	0.0205	-2.5 to 2.5	Pass					
	3.85	7.625	0.0040	-2.5 to 2.5	Pass					
	3.85	38.652	0.0203	-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	-39.926	-0.0215	-2.5 to 2.5	Pass	
					3.85	-40.712	-0.0219	-2.5 to 2.5	Pass	
					4.43	-25.420	-0.0137	-2.5 to 2.5	Pass	
				-30	3.85	8.569	0.0046	-2.5 to 2.5	Pass	
					-20	3.85	-21.358	-0.0115	-2.5 to 2.5	Pass
						3.85	-16.437	-0.0088	-2.5 to 2.5	Pass
				-10	3.85	-42.744	-0.0230	-2.5 to 2.5	Pass	
					0	3.85	-15.521	-0.0083	-2.5 to 2.5	Pass

	1882.5	100	0	30	3.85	-35.391	-0.0190	-2.5 to 2.5	Pass	
				40	3.85	-14.963	-0.0080	-2.5 to 2.5	Pass	
				50	3.85	-46.177	-0.0248	-2.5 to 2.5	Pass	
				20	3.27	-23.503	-0.0125	-2.5 to 2.5	Pass	
					3.85	21.029	0.0112	-2.5 to 2.5	Pass	
					4.43	35.892	0.0191	-2.5 to 2.5	Pass	
				-30	3.85	23.947	0.0127	-2.5 to 2.5	Pass	
				-20	3.85	-29.025	-0.0154	-2.5 to 2.5	Pass	
				-10	3.85	-20.142	-0.0107	-2.5 to 2.5	Pass	
	0	3.85	-18.525	-0.0098	-2.5 to 2.5	Pass				
	10	3.85	-27.165	-0.0144	-2.5 to 2.5	Pass				
	30	3.85	24.462	0.0130	-2.5 to 2.5	Pass				
	40	3.85	16.880	0.0090	-2.5 to 2.5	Pass				
	50	3.85	23.417	0.0124	-2.5 to 2.5	Pass				
	1905	100	0	20	3.27	-19.569	-0.0103	-2.5 to 2.5	Pass	
					3.85	25.806	0.0135	-2.5 to 2.5	Pass	
					4.43	27.351	0.0144	-2.5 to 2.5	Pass	
				-30	3.85	29.311	0.0154	-2.5 to 2.5	Pass	
				-20	3.85	35.834	0.0188	-2.5 to 2.5	Pass	
				-10	3.85	32.344	0.0170	-2.5 to 2.5	Pass	
				0	3.85	27.308	0.0143	-2.5 to 2.5	Pass	
				10	3.85	22.016	0.0116	-2.5 to 2.5	Pass	
				30	3.85	29.926	0.0157	-2.5 to 2.5	Pass	
				40	3.85	27.738	0.0146	-2.5 to 2.5	Pass	
				50	3.85	27.709	0.0145	-2.5 to 2.5	Pass	
				16QAM	1860	100	0	20	3.27	-19.126
	3.85	-34.161	-0.0184						-2.5 to 2.5	Pass
4.43	-26.622	-0.0143	-2.5 to 2.5						Pass	
-30	3.85	-17.552	-0.0094					-2.5 to 2.5	Pass	
-20	3.85	-2.432	-0.0013					-2.5 to 2.5	Pass	
-10	3.85	-29.297	-0.0158					-2.5 to 2.5	Pass	
0	3.85	-27.237	-0.0146					-2.5 to 2.5	Pass	
10	3.85	-14.062	-0.0076					-2.5 to 2.5	Pass	
30	3.85	-22.545	-0.0121					-2.5 to 2.5	Pass	
40	3.85	-34.904	-0.0188					-2.5 to 2.5	Pass	
50	3.85	-18.954	-0.0102					-2.5 to 2.5	Pass	
1882.5	100	0	20					3.27	31.643	0.0168
					3.85	-1.402	-0.0007	-2.5 to 2.5	Pass	
					4.43	8.969	0.0048	-2.5 to 2.5	Pass	
			-30		3.85	19.569	0.0104	-2.5 to 2.5	Pass	
			-20		3.85	29.325	0.0156	-2.5 to 2.5	Pass	
			-10		3.85	39.182	0.0208	-2.5 to 2.5	Pass	
			0		3.85	8.841	0.0047	-2.5 to 2.5	Pass	
			10		3.85	15.306	0.0081	-2.5 to 2.5	Pass	
			30		3.85	12.231	0.0065	-2.5 to 2.5	Pass	
			40		3.85	18.797	0.0100	-2.5 to 2.5	Pass	
			50		3.85	21.014	0.0112	-2.5 to 2.5	Pass	
			1905		100	0	20	3.27	23.088	0.0121
3.85	-26.178	-0.0137						-2.5 to 2.5	Pass	
4.43	-28.396	-0.0149						-2.5 to 2.5	Pass	
-30	3.85	-15.349					-0.0081	-2.5 to 2.5	Pass	
-20	3.85	-20.270					-0.0106	-2.5 to 2.5	Pass	
-10	3.85	-15.807		-0.0083			-2.5 to 2.5	Pass		
0	3.85	25.005		0.0131			-2.5 to 2.5	Pass		
10	3.85	25.563		0.0134			-2.5 to 2.5	Pass		



				30	3.85	29.626	0.0156	-2.5 to 2.5	Pass
				40	3.85	16.093	0.0084	-2.5 to 2.5	Pass
				50	3.85	3.805	0.0020	-2.5 to 2.5	Pass

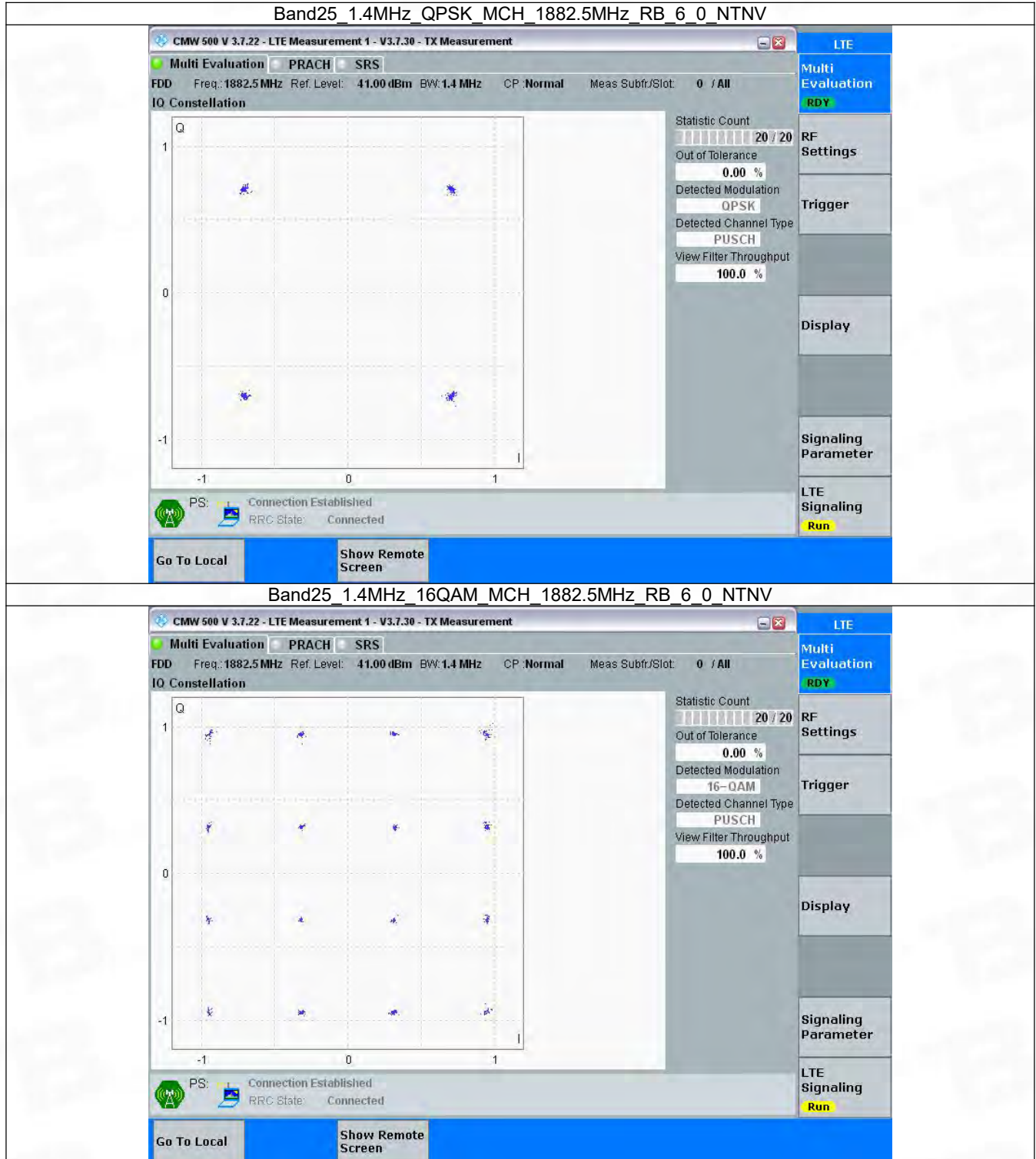
### 3. Modulation Characteristics

#### 3.1 B25\_1.4MHz

##### 3.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTN						
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



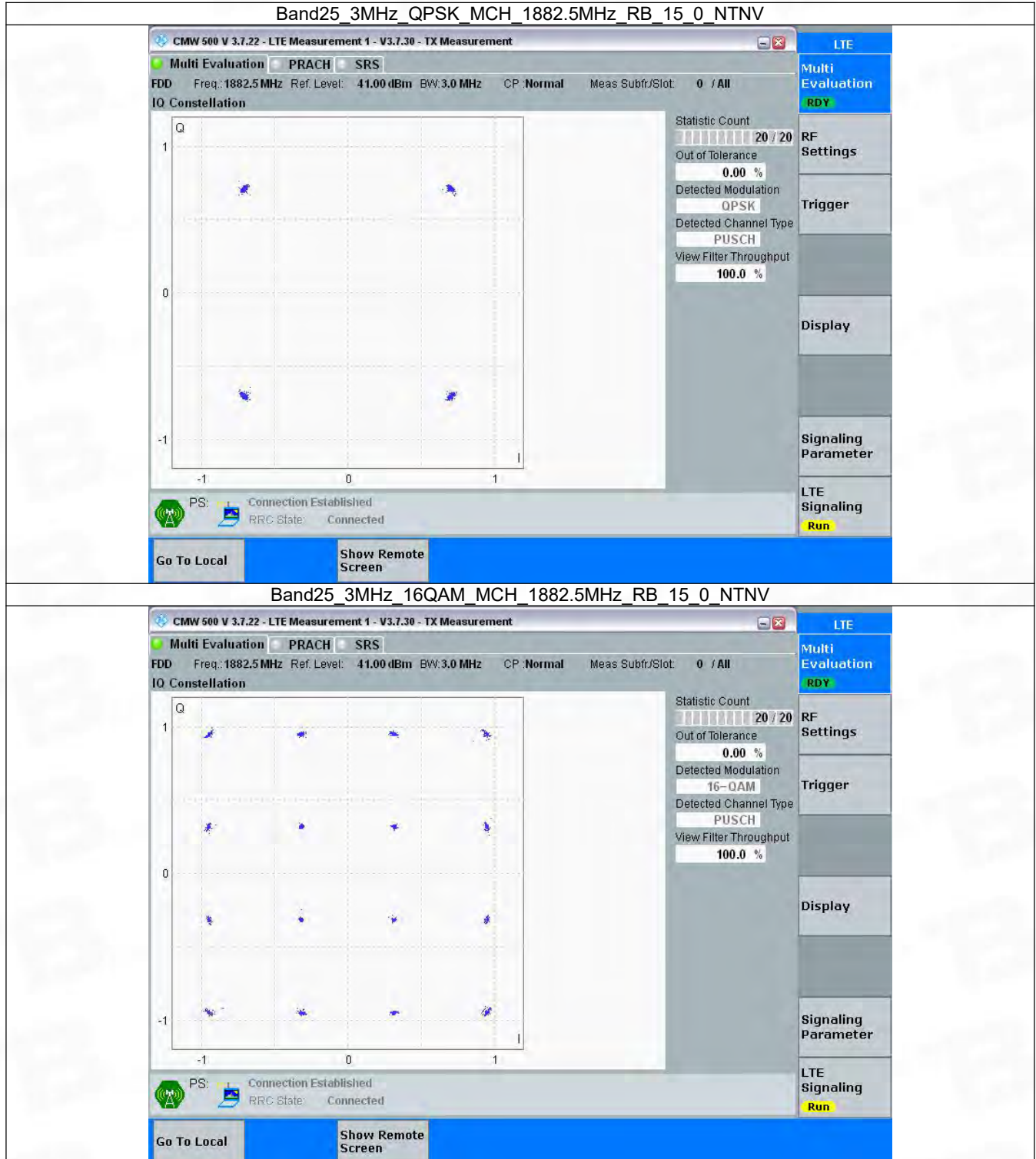


### 3.2 B25\_3MHz

#### 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

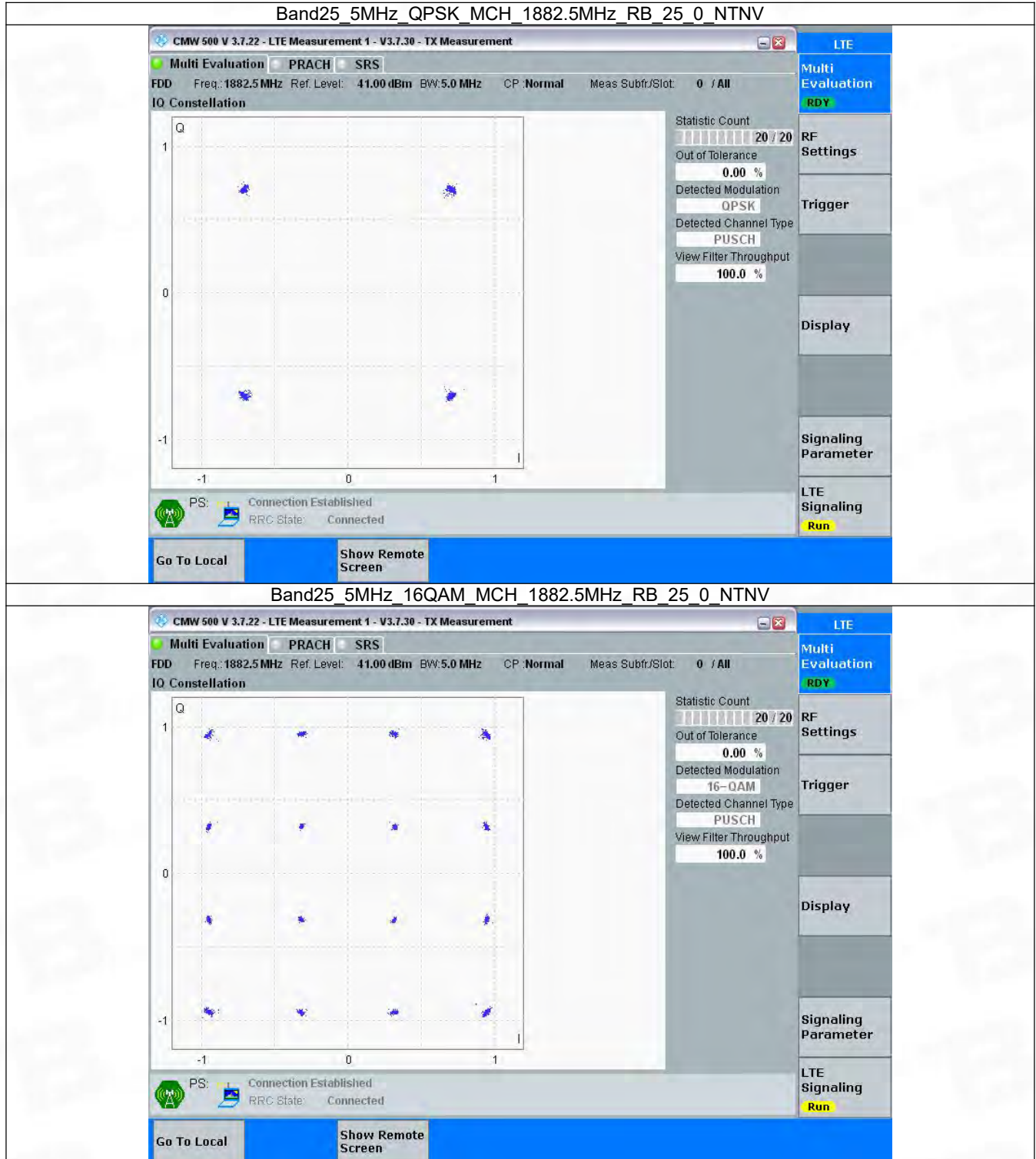


### 3.3 B25\_5MHz

#### 3.3.1 Test Result

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

### 3.3.2 Test Graph

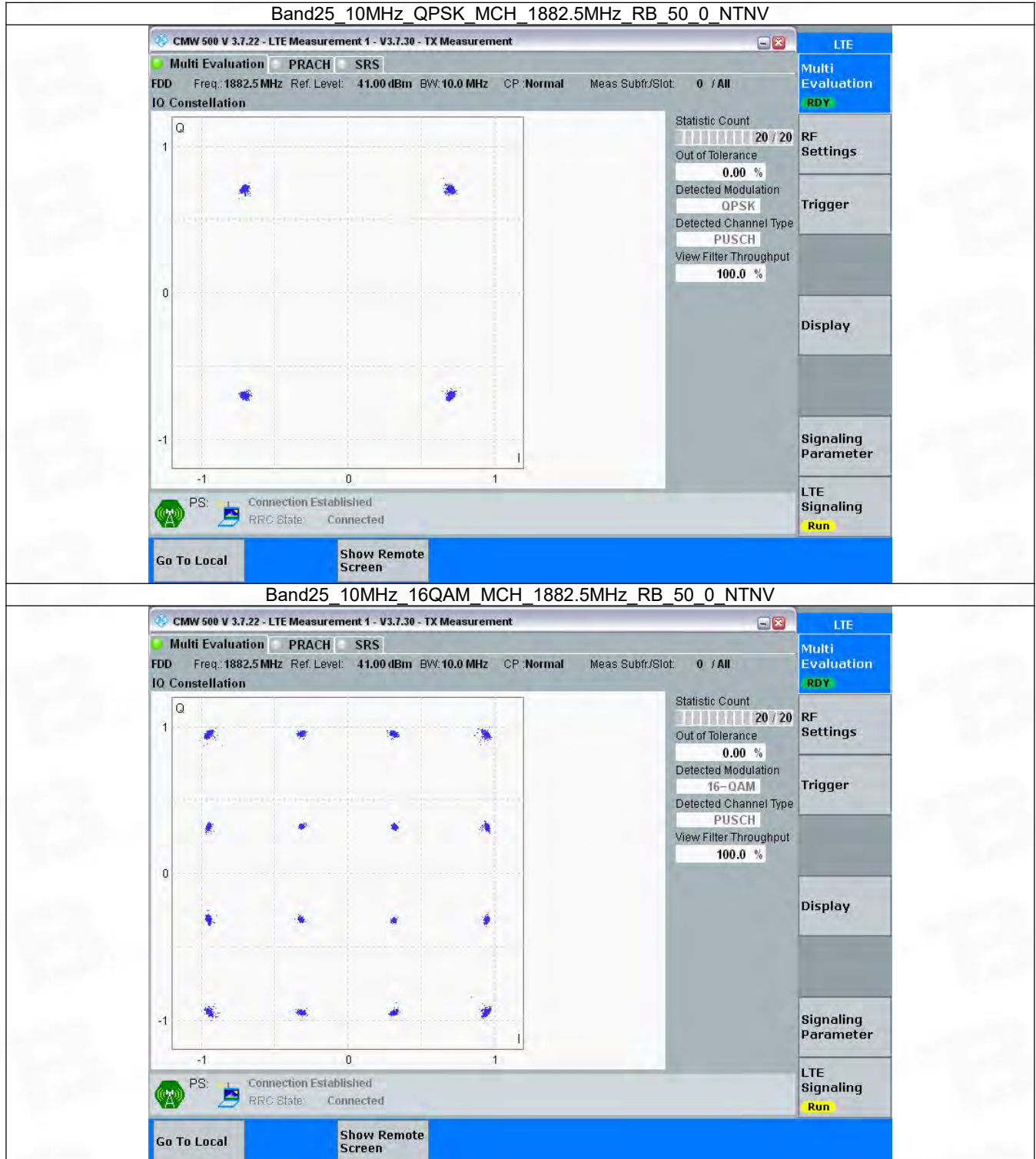


### 3.4 B25\_10MHz

#### 3.4.1 Test Result

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

### 3.4.2 Test Graph



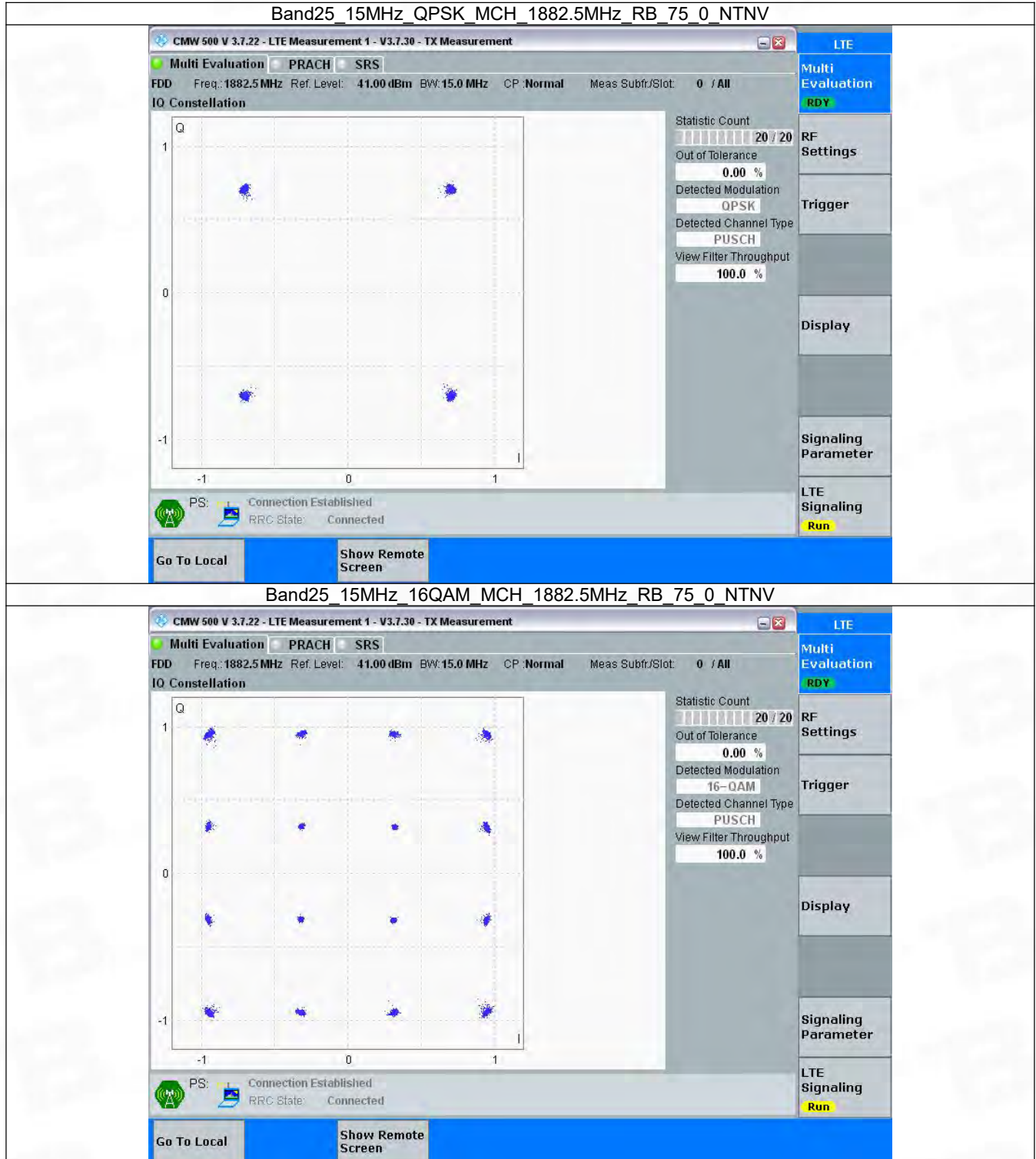


### 3.5 B25\_15MHz

#### 3.5.1 Test Result

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

### 3.5.2 Test Graph



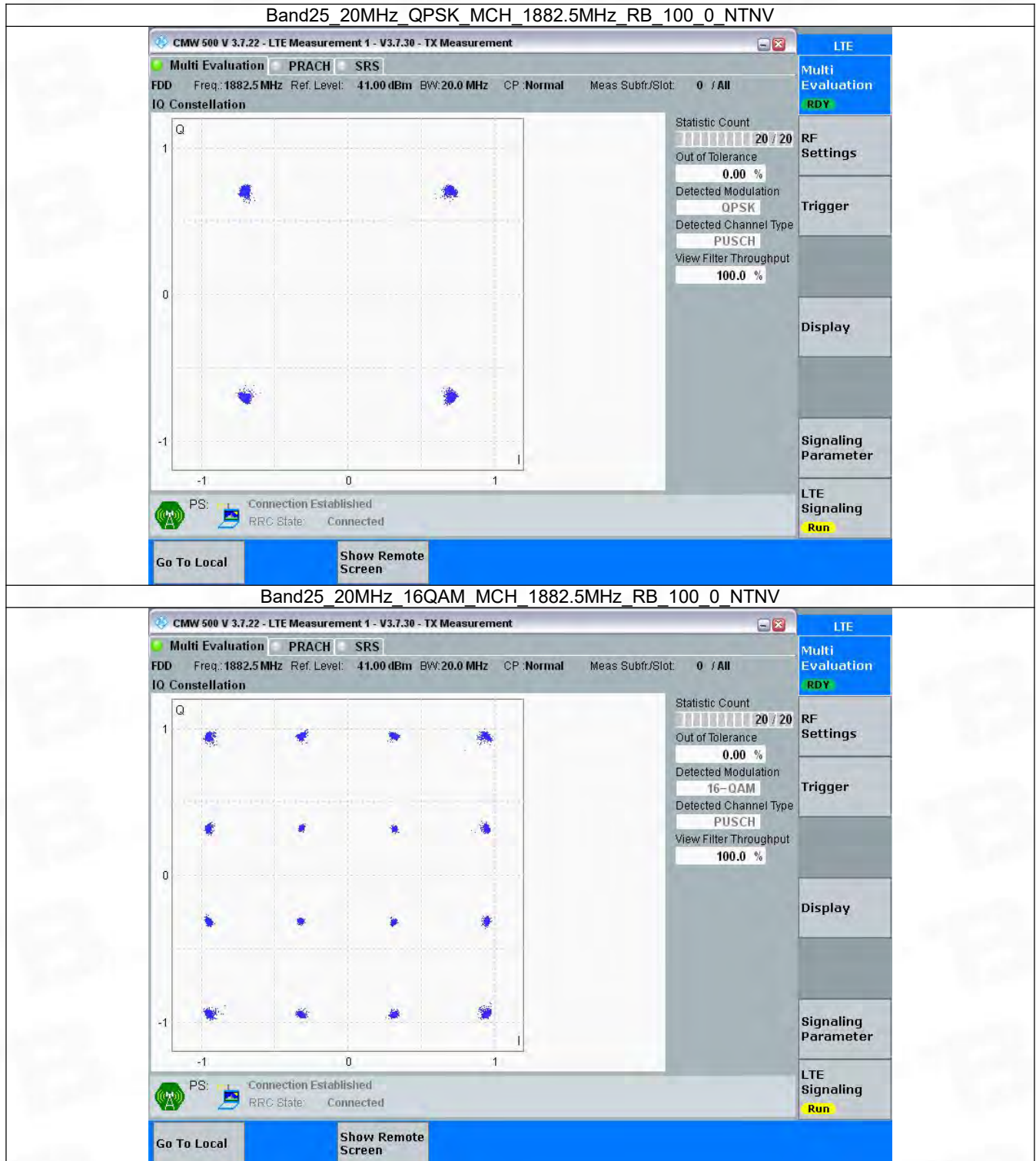


### 3.6 B25\_20MHz

#### 3.6.1 Test Result

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

### 3.6.2 Test Graph



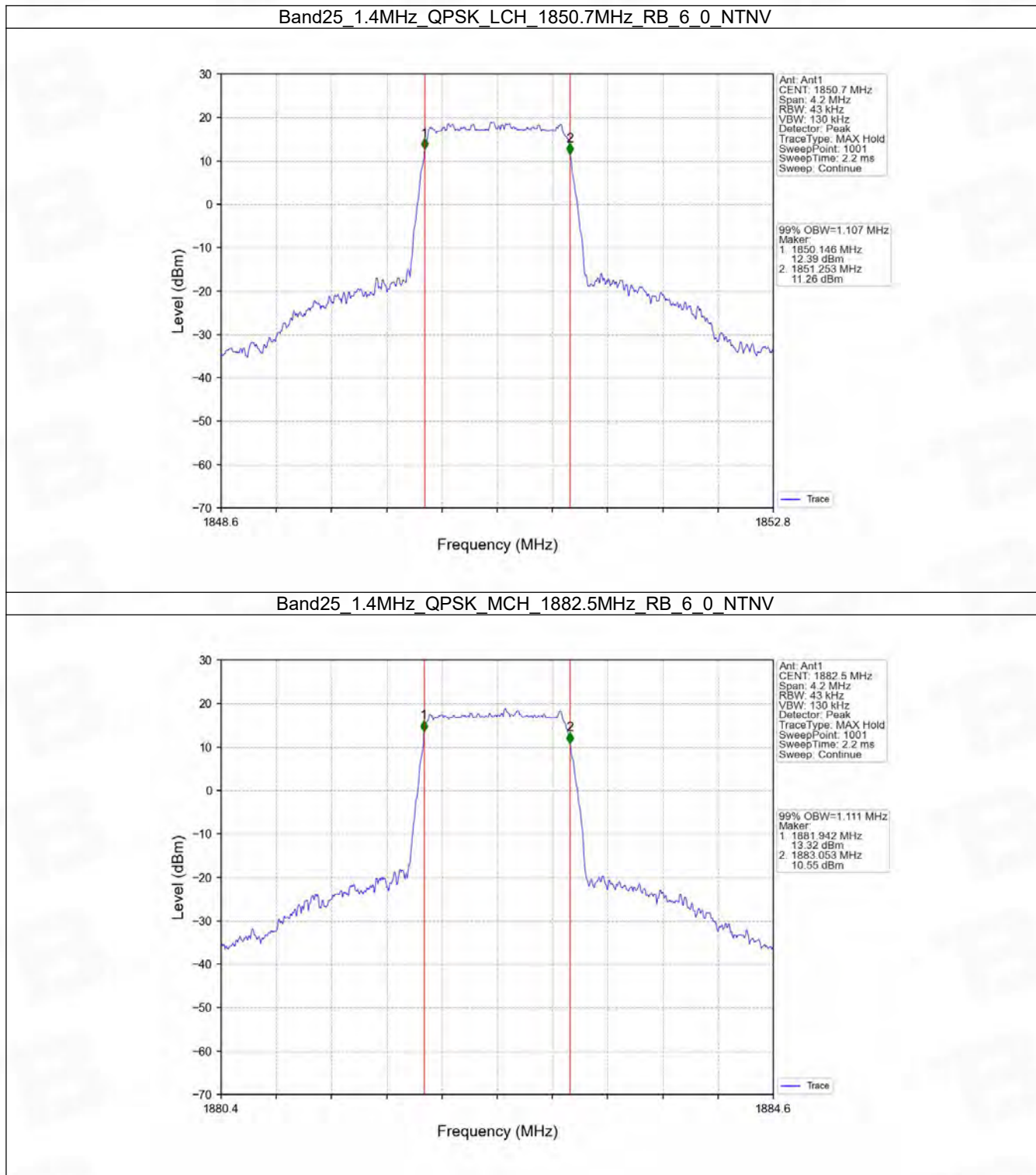
#### 4. 99% & 26dB Bandwidth

##### 4.1 Band25\_OBW

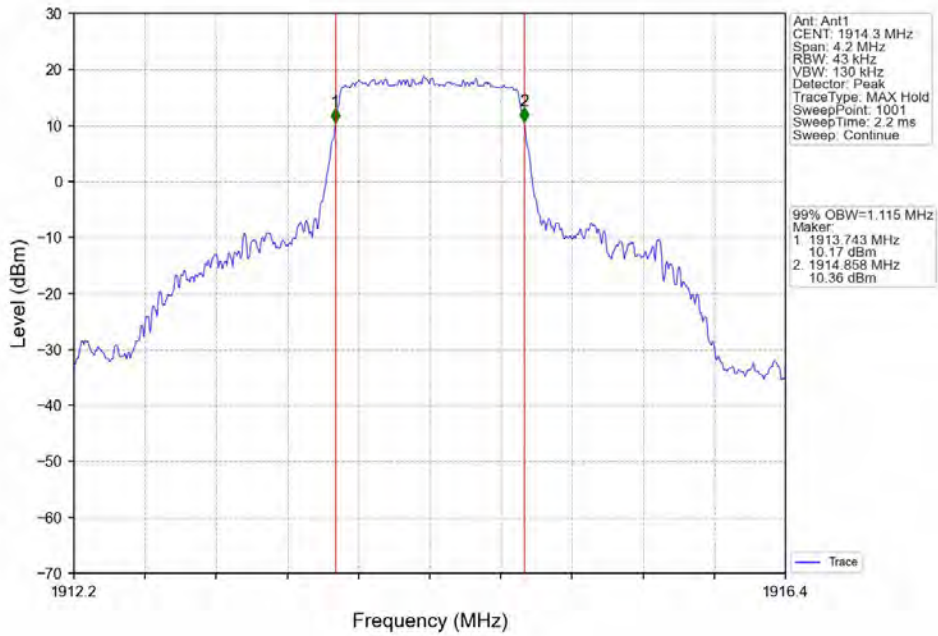
##### 4.1.1 Test Result

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.107	/	Pass
		1882.5	6	0	1.111	/	Pass
		1914.3	6	0	1.115	/	Pass
	16QAM	1850.7	6	0	1.111	/	Pass
		1882.5	6	0	1.117	/	Pass
		1914.3	6	0	1.118	/	Pass
3	QPSK	1851.5	15	0	2.757	/	Pass
		1882.5	15	0	2.760	/	Pass
		1913.5	15	0	2.779	/	Pass
	16QAM	1851.5	15	0	2.764	/	Pass
		1882.5	15	0	2.747	/	Pass
		1913.5	15	0	2.784	/	Pass
5	QPSK	1852.5	25	0	4.547	/	Pass
		1882.5	25	0	4.551	/	Pass
		1912.5	25	0	4.575	/	Pass
	16QAM	1852.5	25	0	4.550	/	Pass
		1882.5	25	0	4.587	/	Pass
		1912.5	25	0	4.568	/	Pass
10	QPSK	1855	50	0	9.067	/	Pass
		1882.5	50	0	9.036	/	Pass
		1910	50	0	9.086	/	Pass
	16QAM	1855	50	0	9.062	/	Pass
		1882.5	50	0	9.071	/	Pass
		1910	50	0	9.078	/	Pass
15	QPSK	1857.5	75	0	13.610	/	Pass
		1882.5	75	0	13.590	/	Pass
		1907.5	75	0	13.567	/	Pass
	16QAM	1857.5	75	0	13.619	/	Pass
		1882.5	75	0	13.615	/	Pass
		1907.5	75	0	13.571	/	Pass
20	QPSK	1860	100	0	18.172	/	Pass
		1882.5	100	0	18.129	/	Pass
		1905	100	0	18.118	/	Pass
	16QAM	1860	100	0	18.163	/	Pass
		1882.5	100	0	18.207	/	Pass
		1905	100	0	18.209	/	Pass

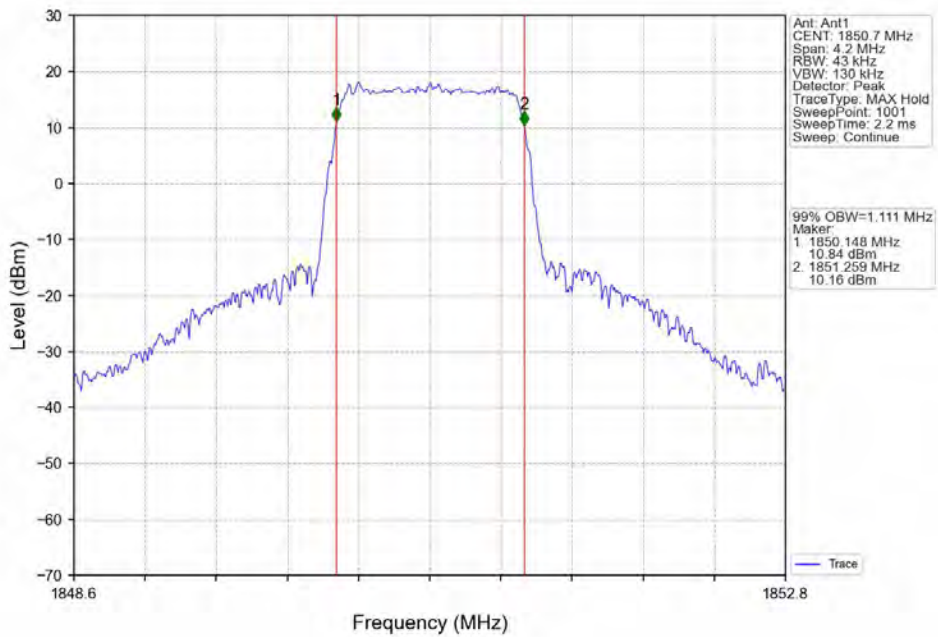
4.1.2 Test Graph



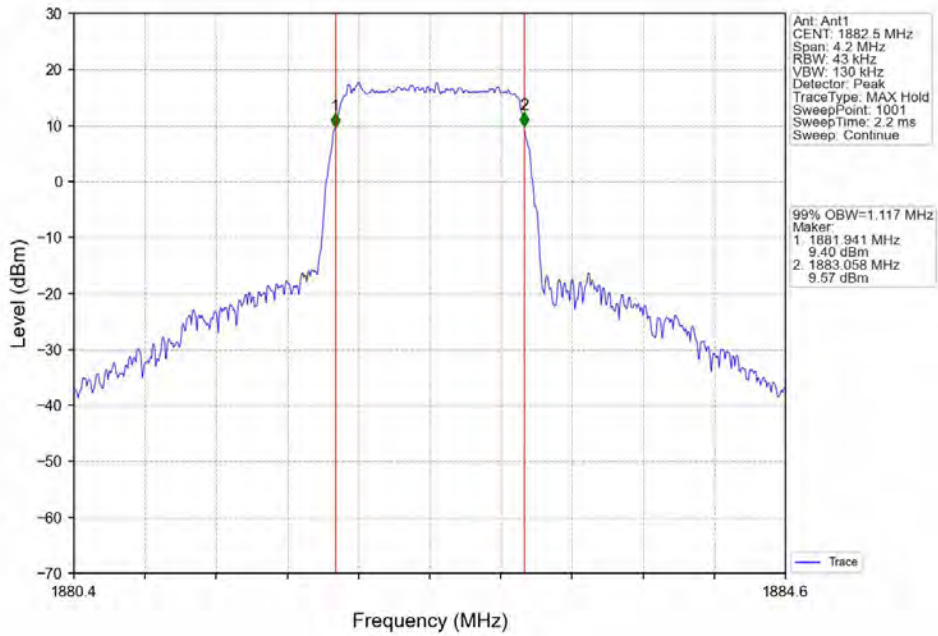
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



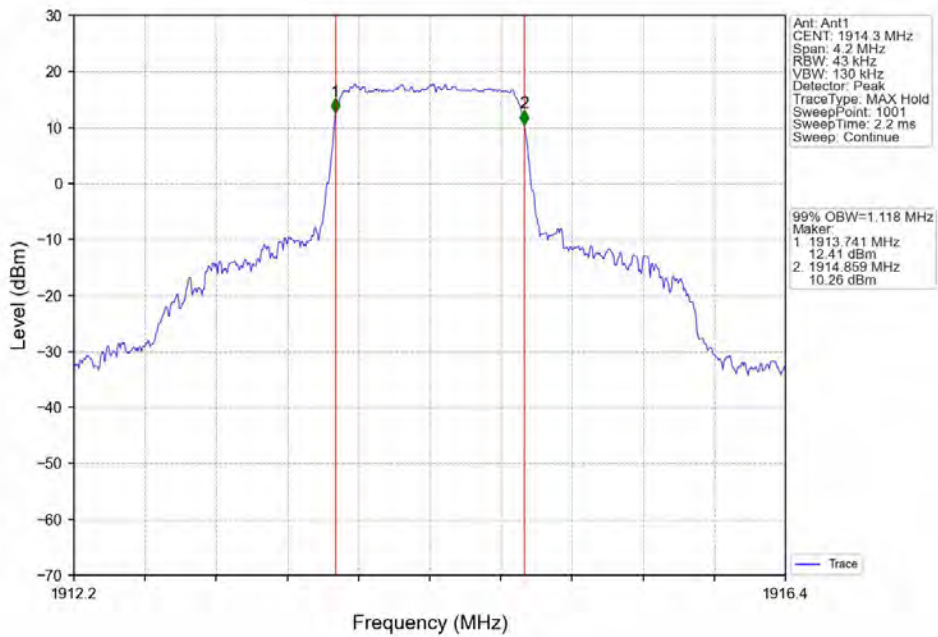
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



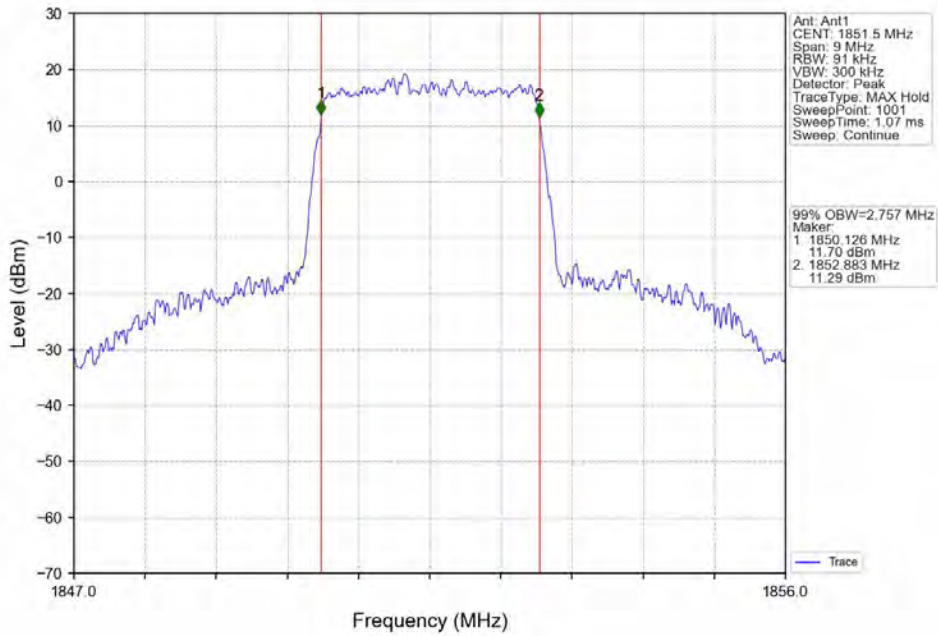
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_6\_0\_NTNV



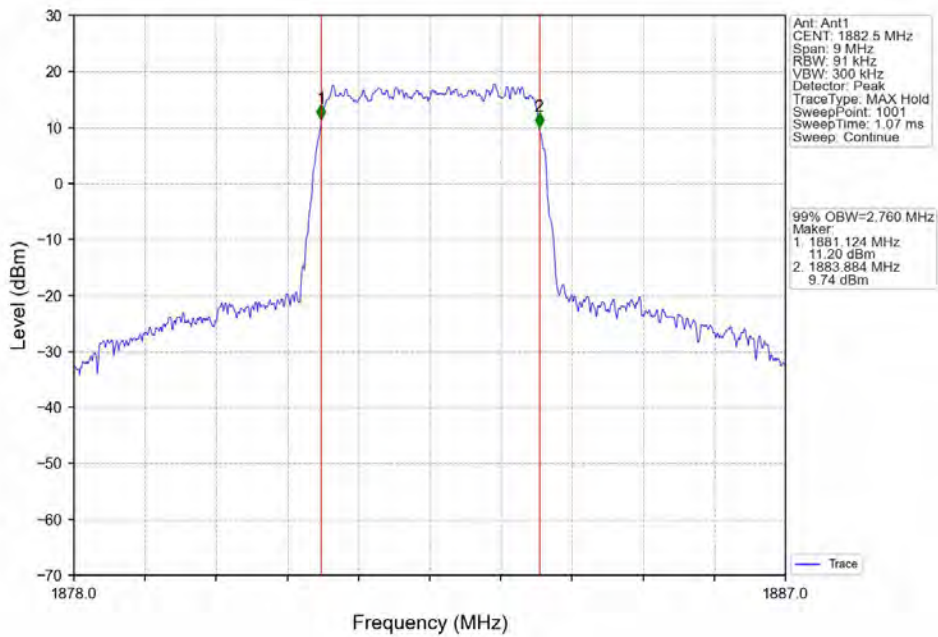
Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



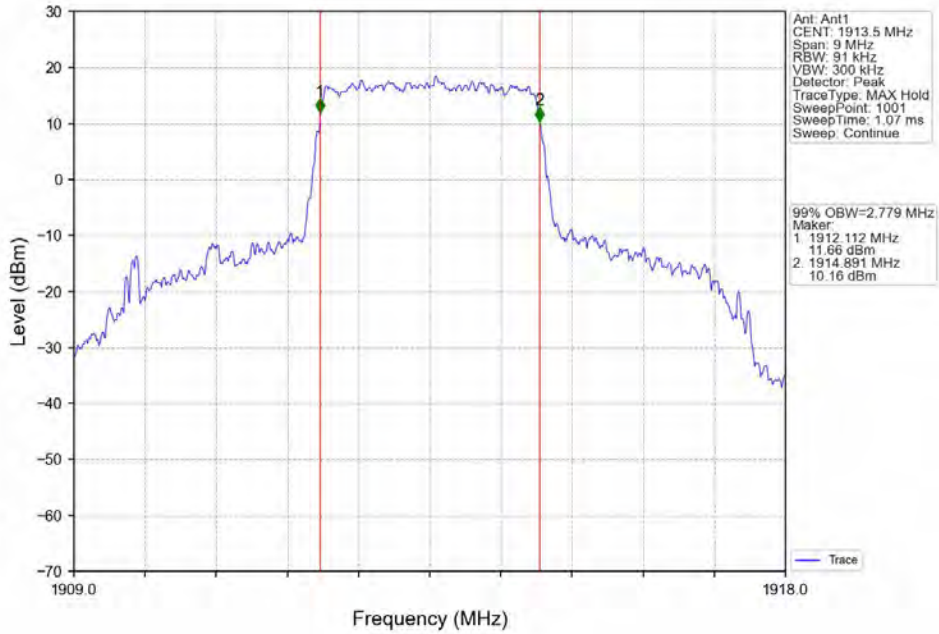
Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



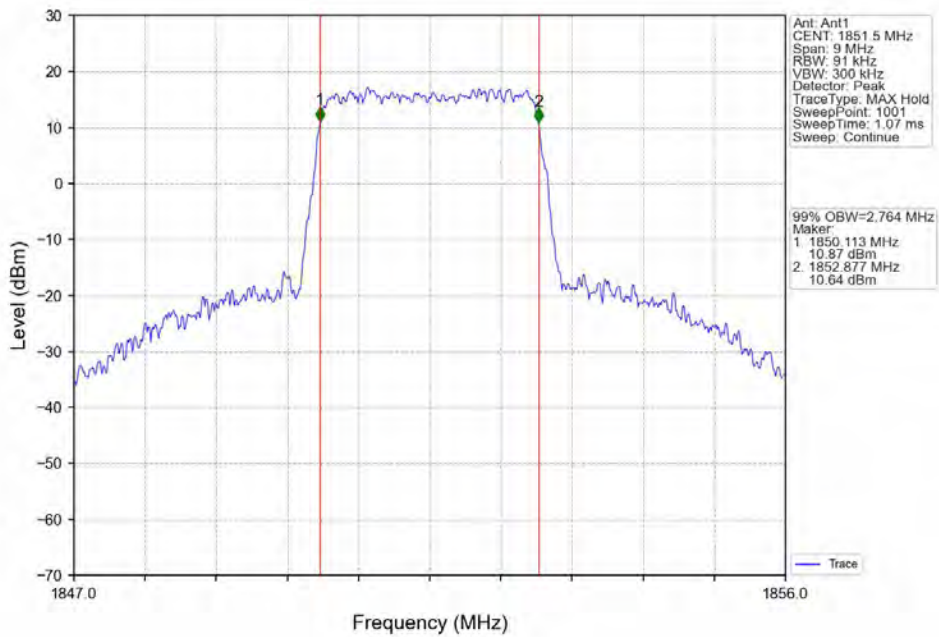
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



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

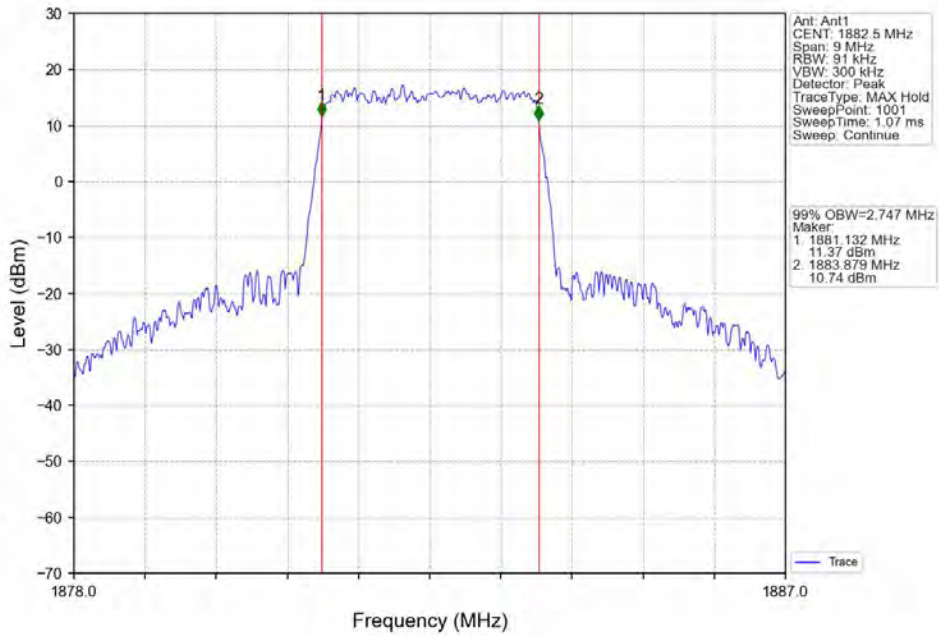


Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

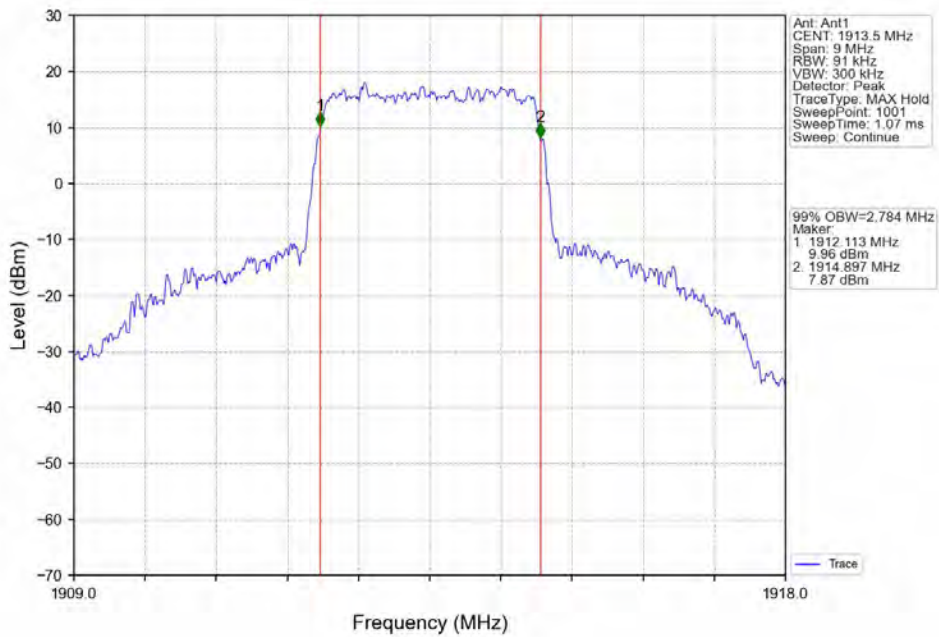




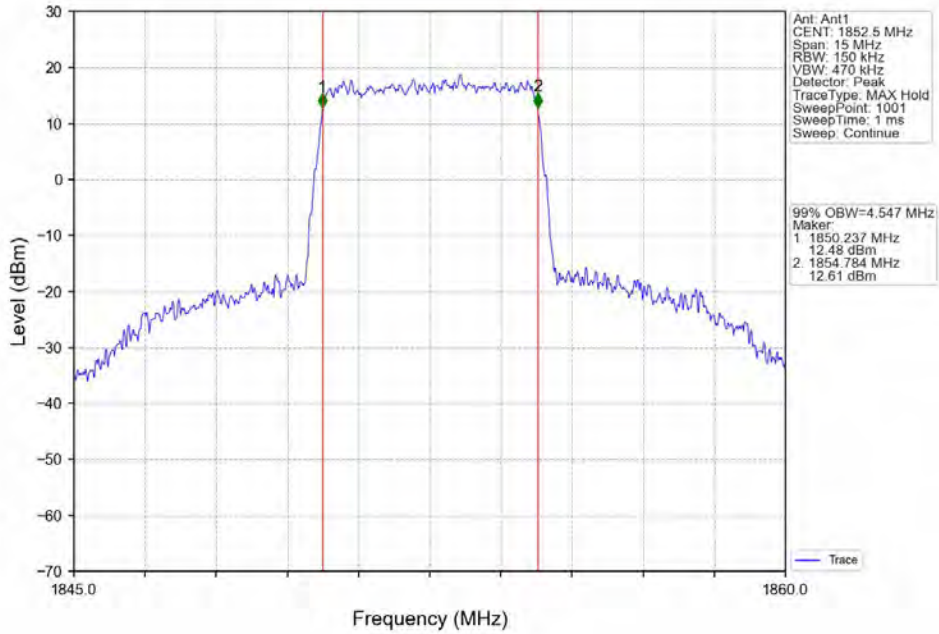
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



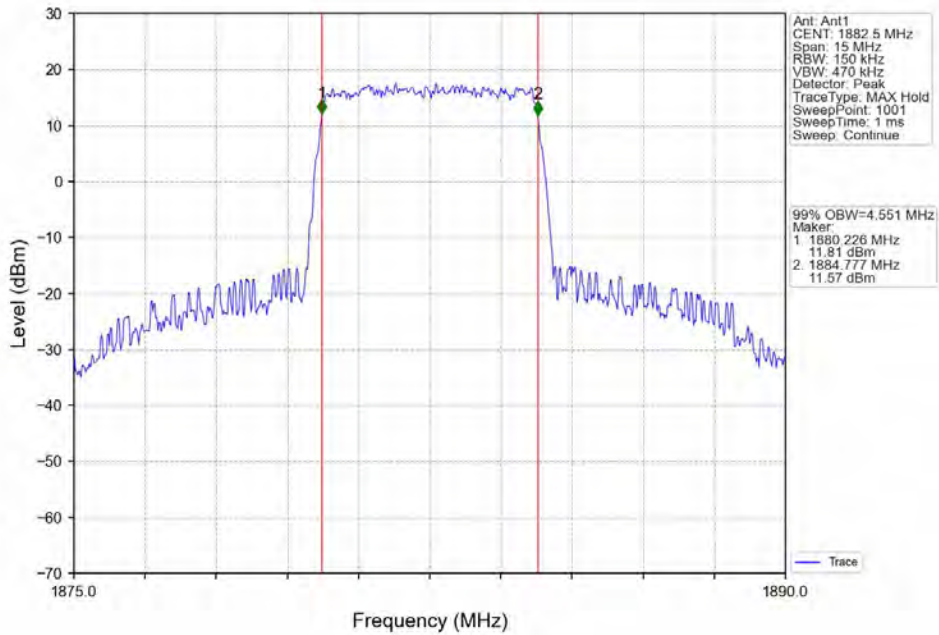
Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



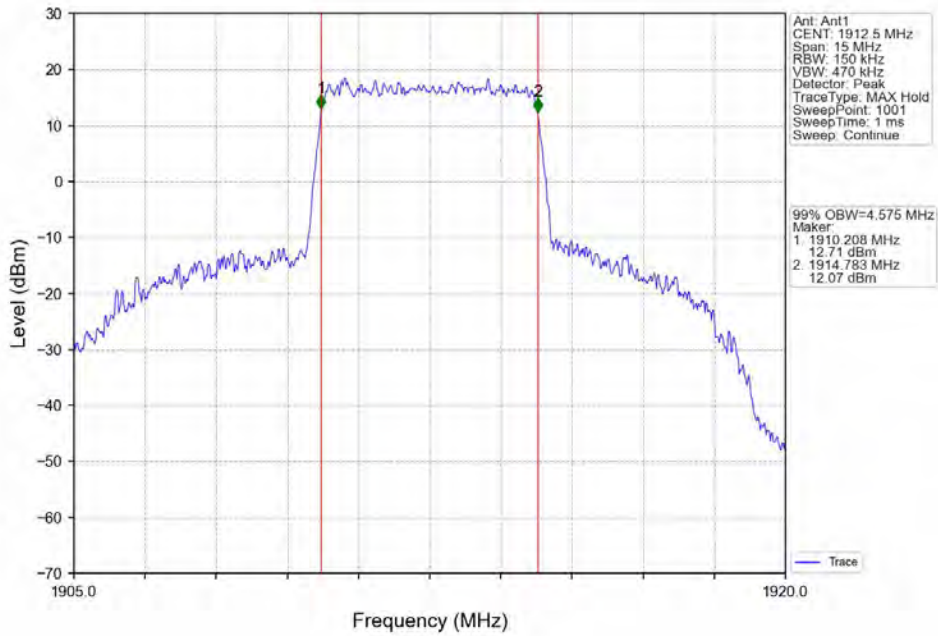
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



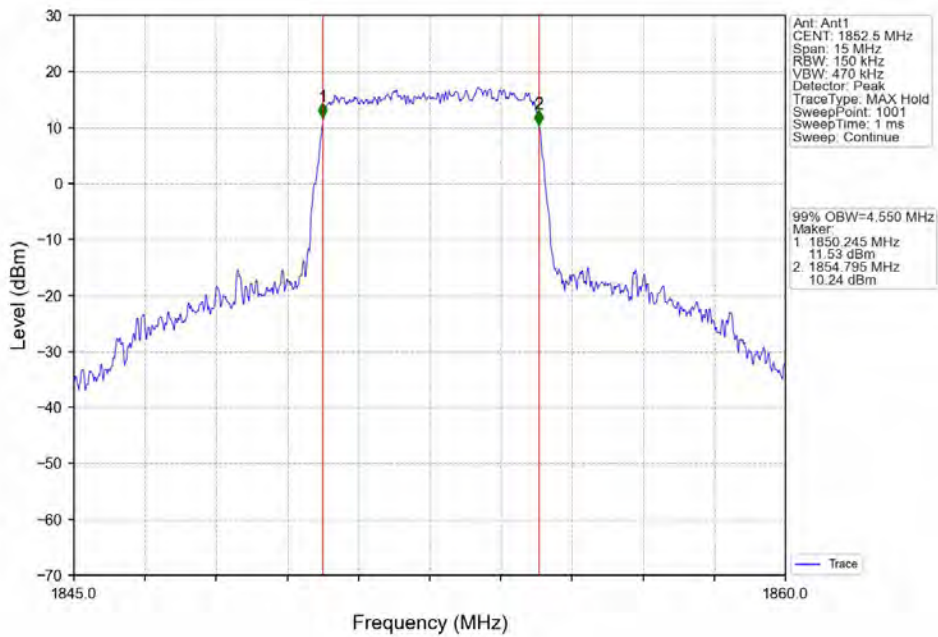
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



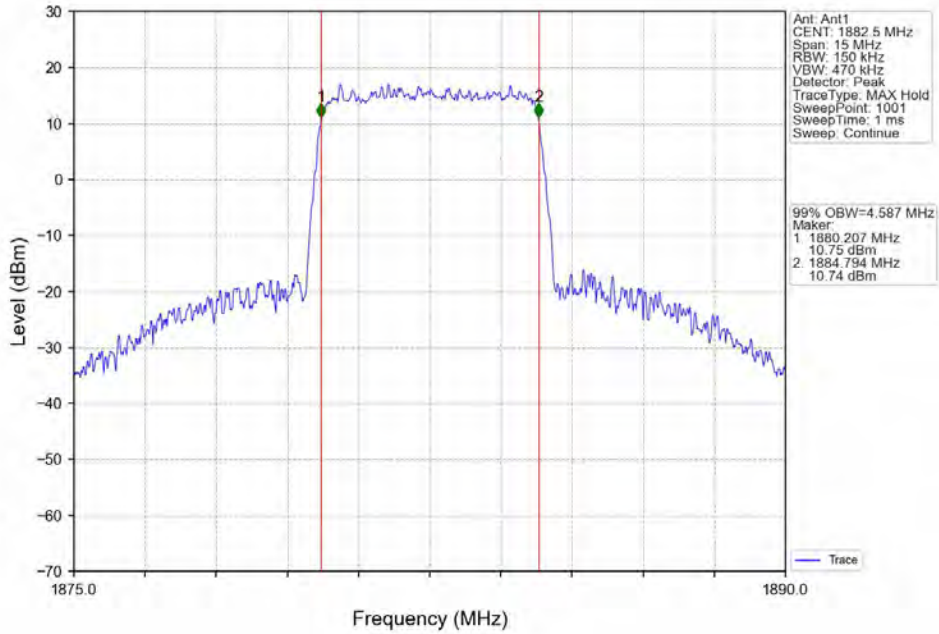
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTN



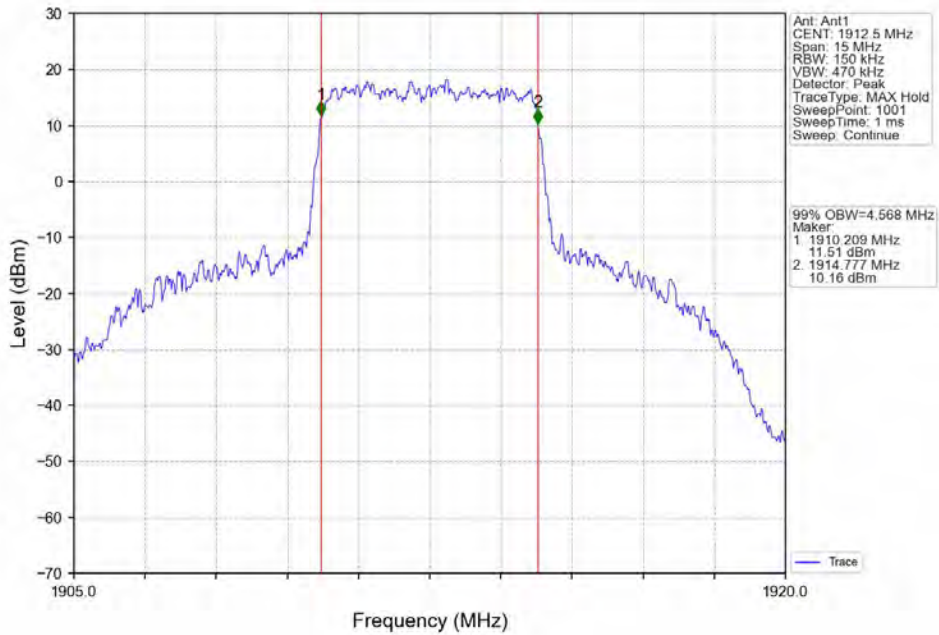
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTN



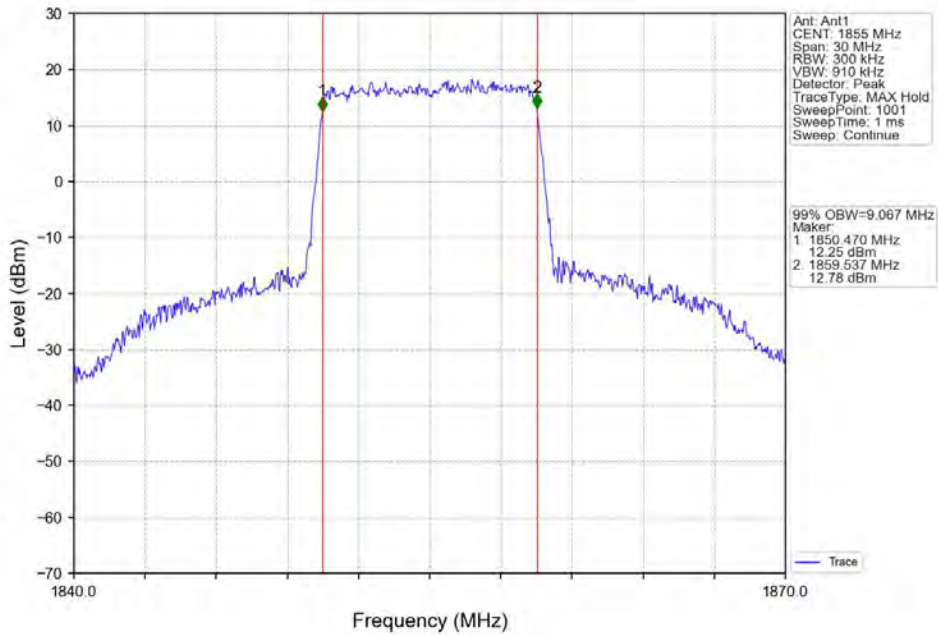
Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



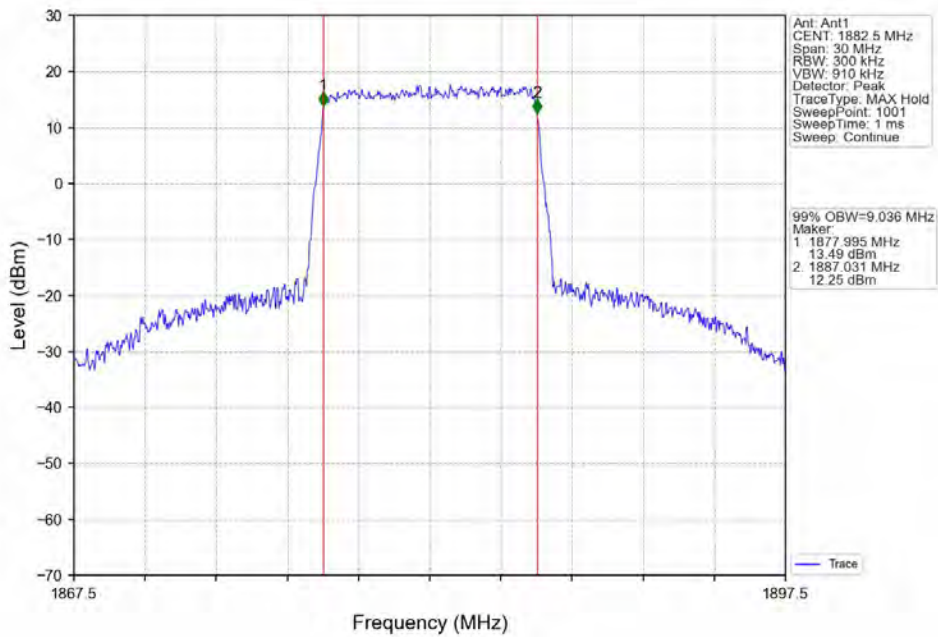
Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



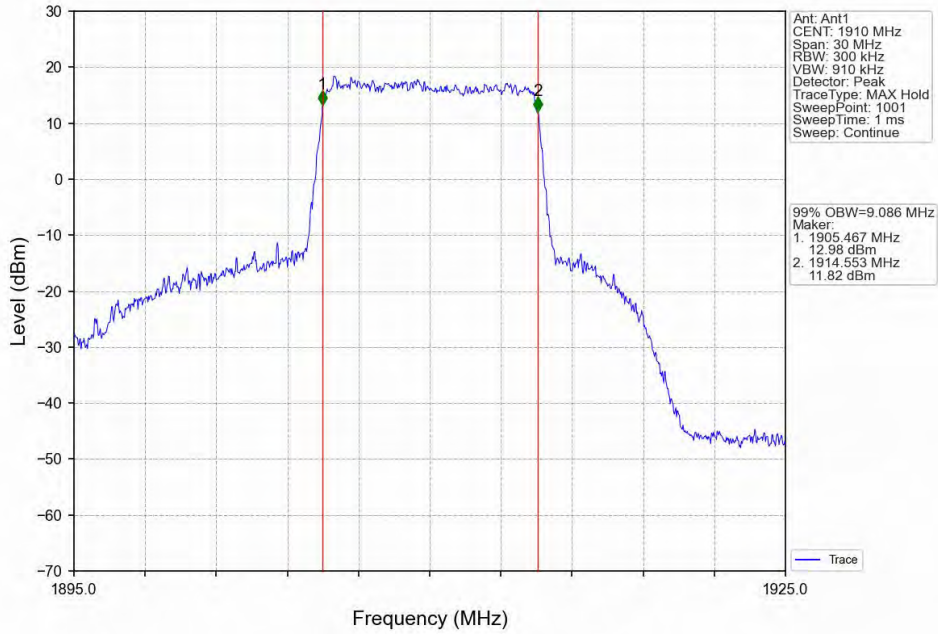
Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



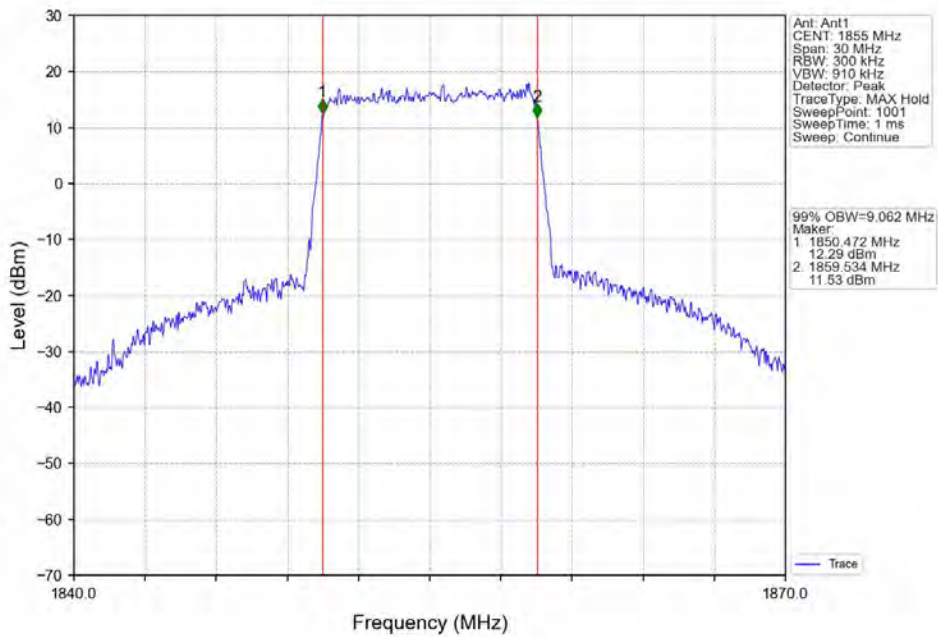
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



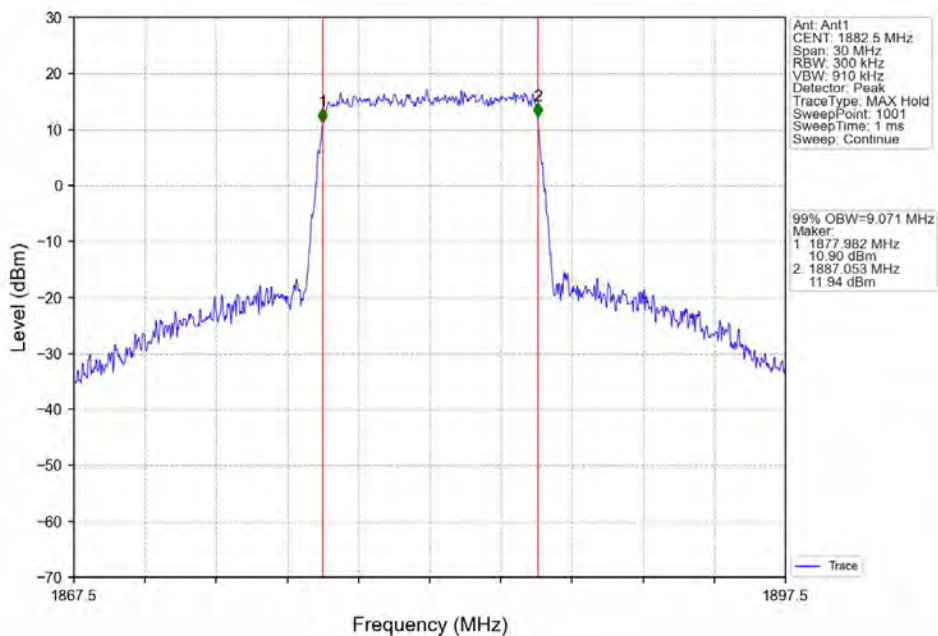
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTNV



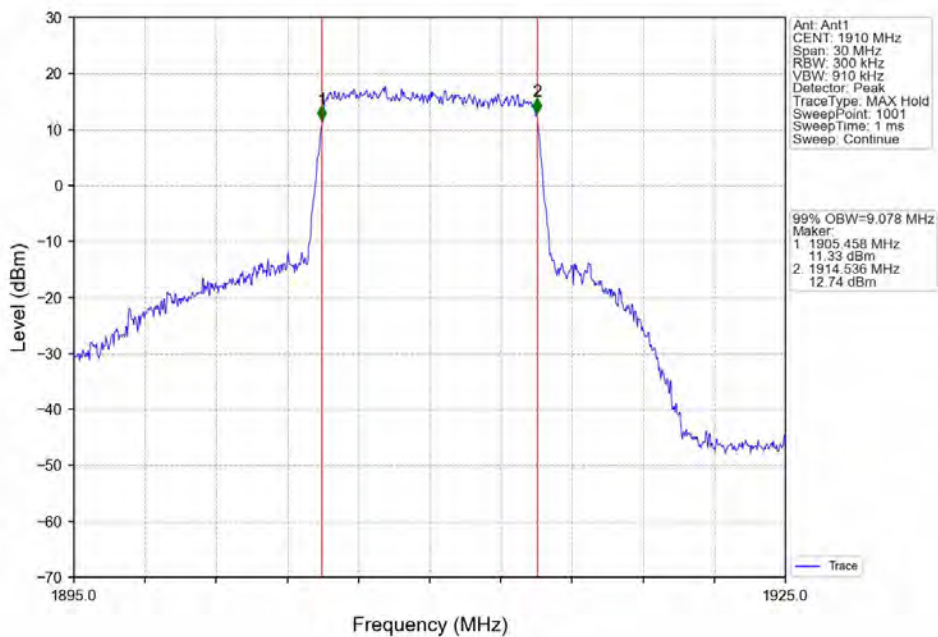
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



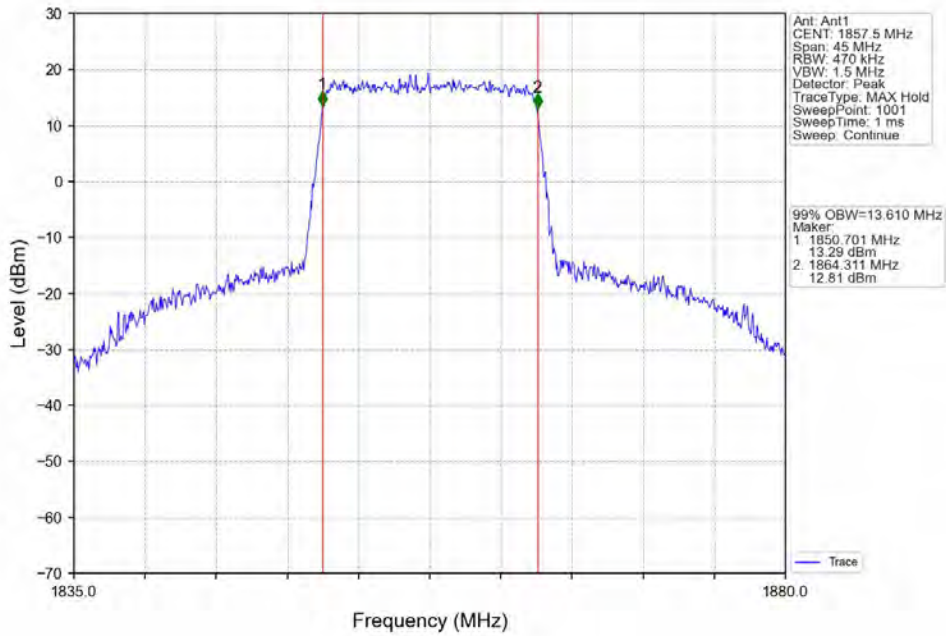
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



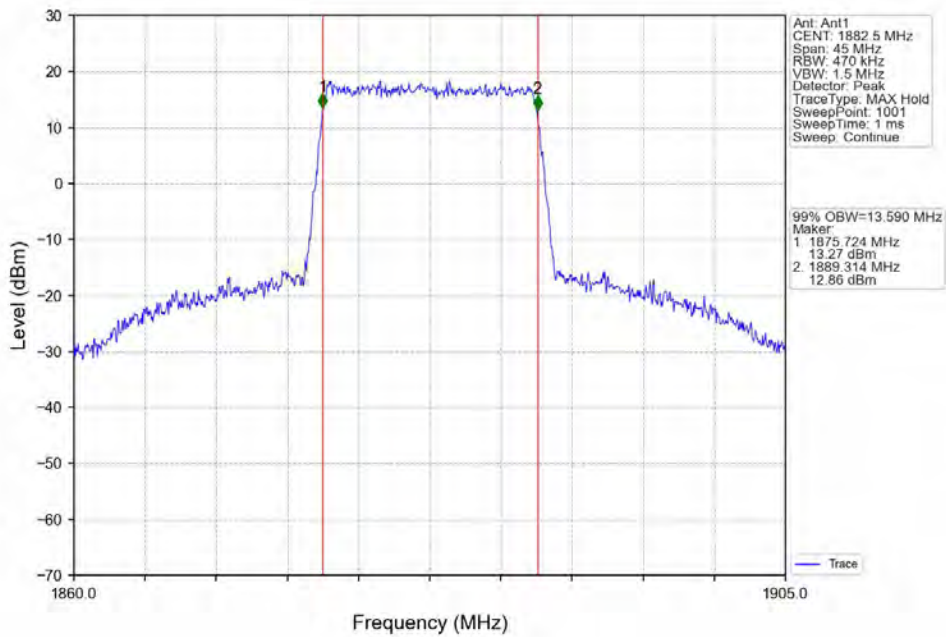
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_50\_0\_NTNV



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

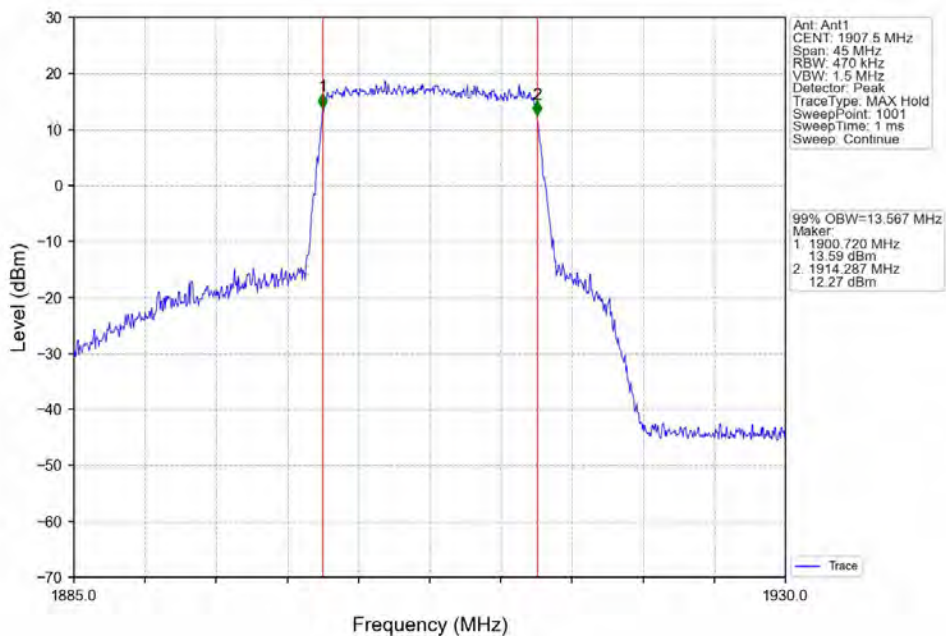


Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV

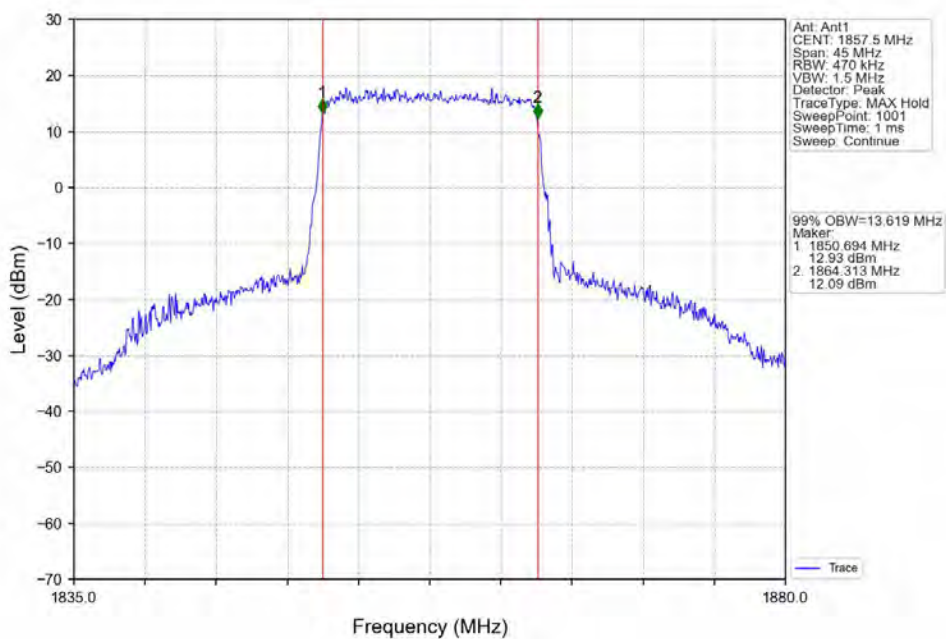




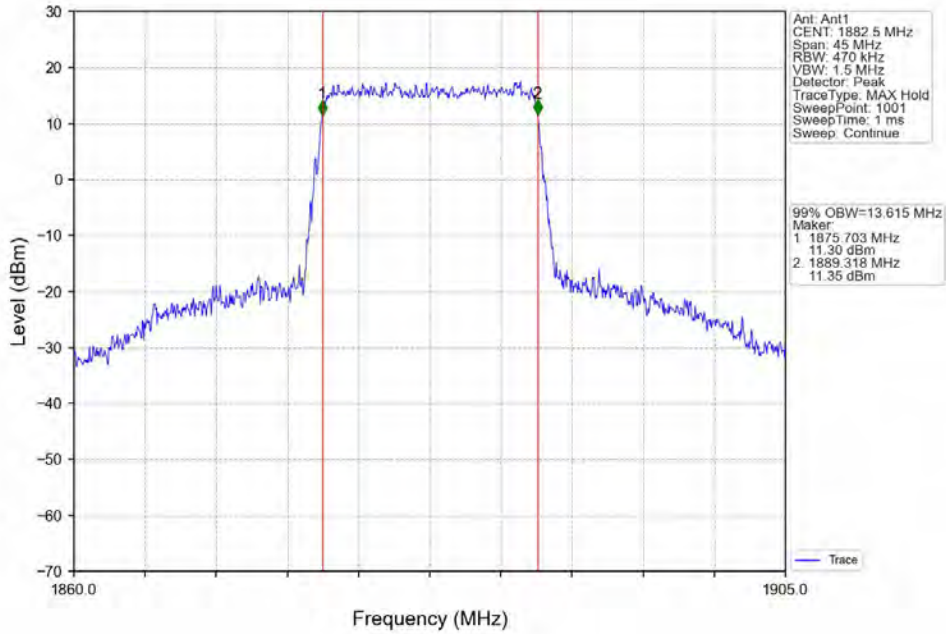
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



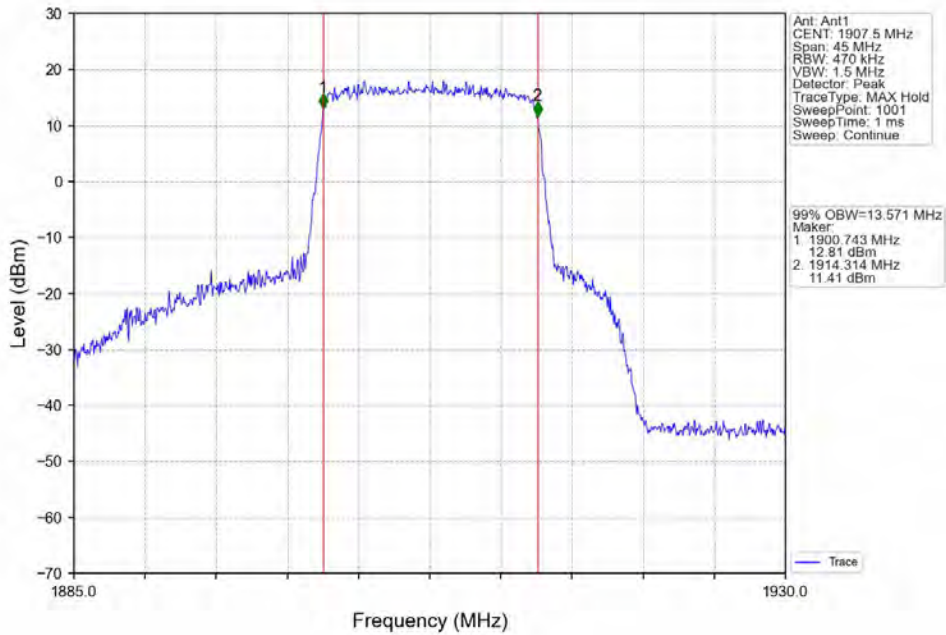
Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



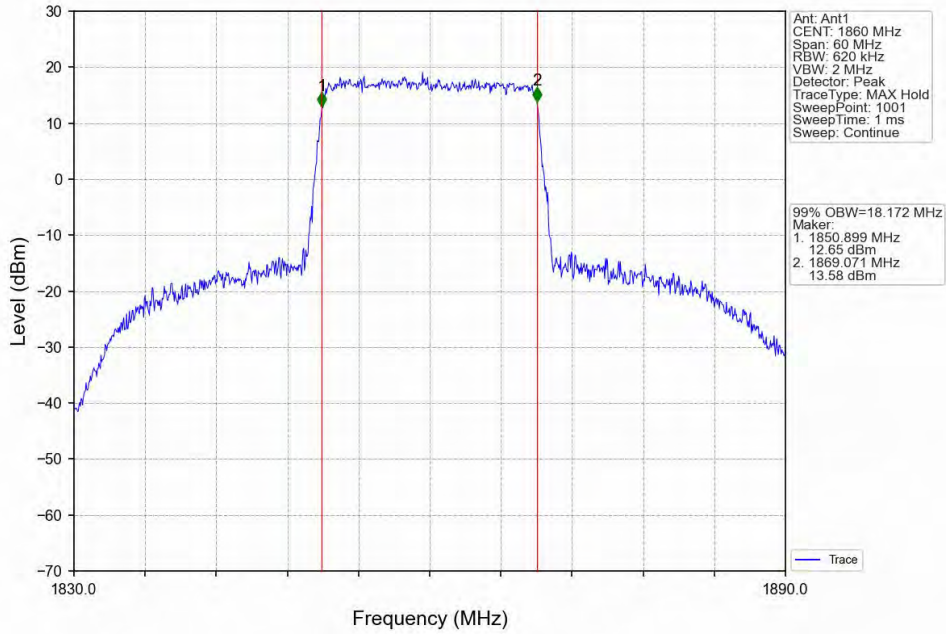
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



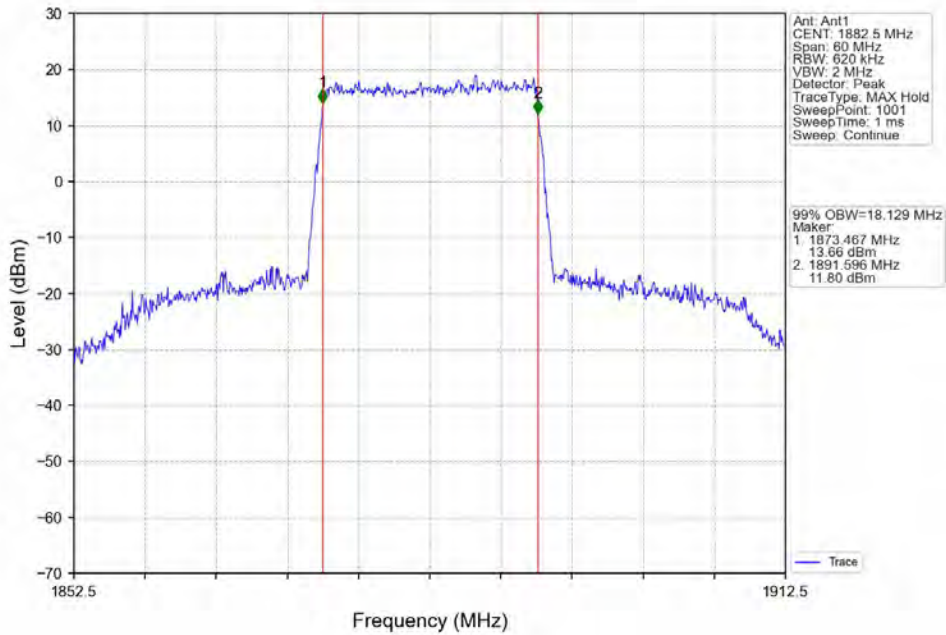
Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



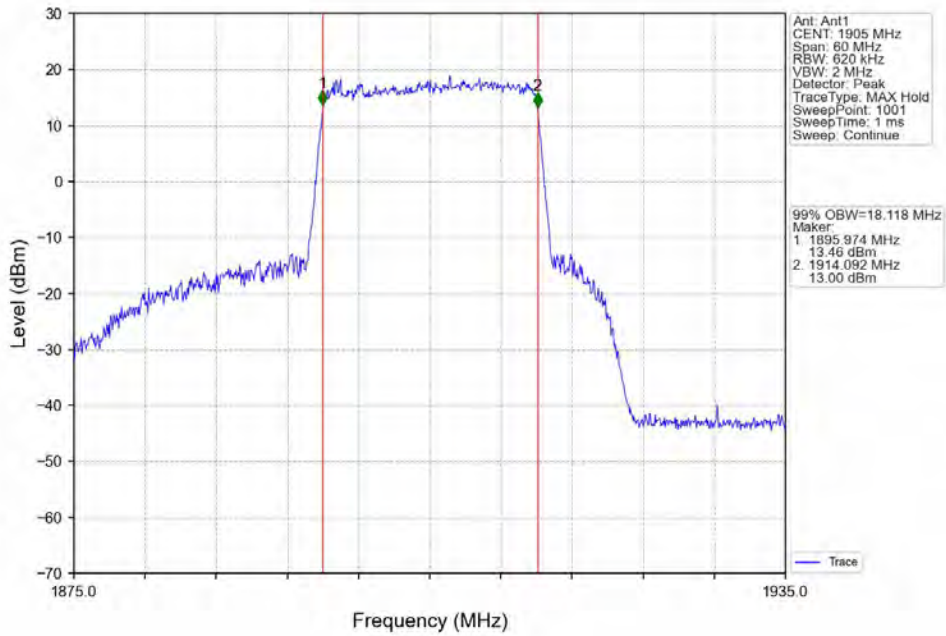
Band25\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



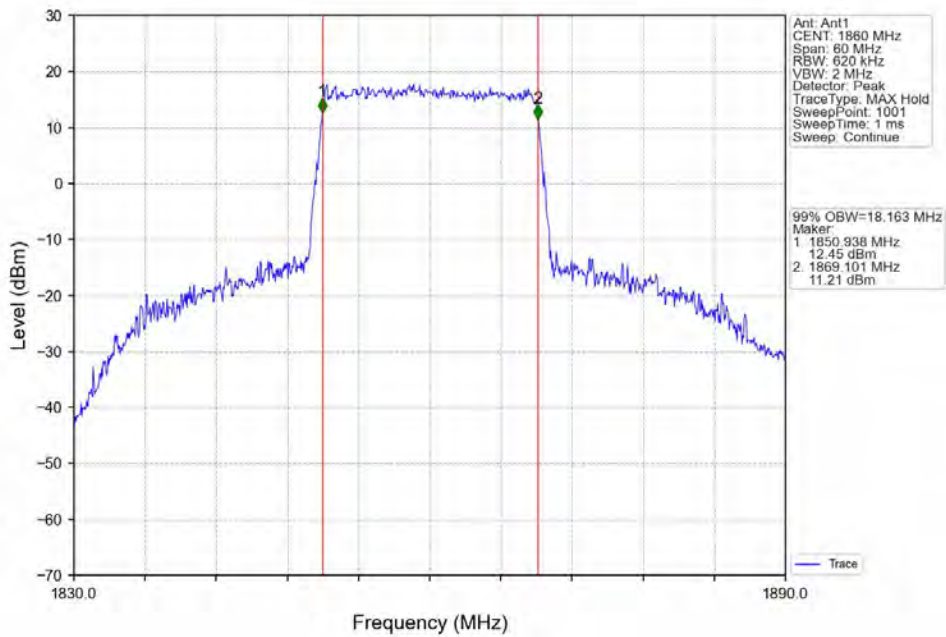
Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV



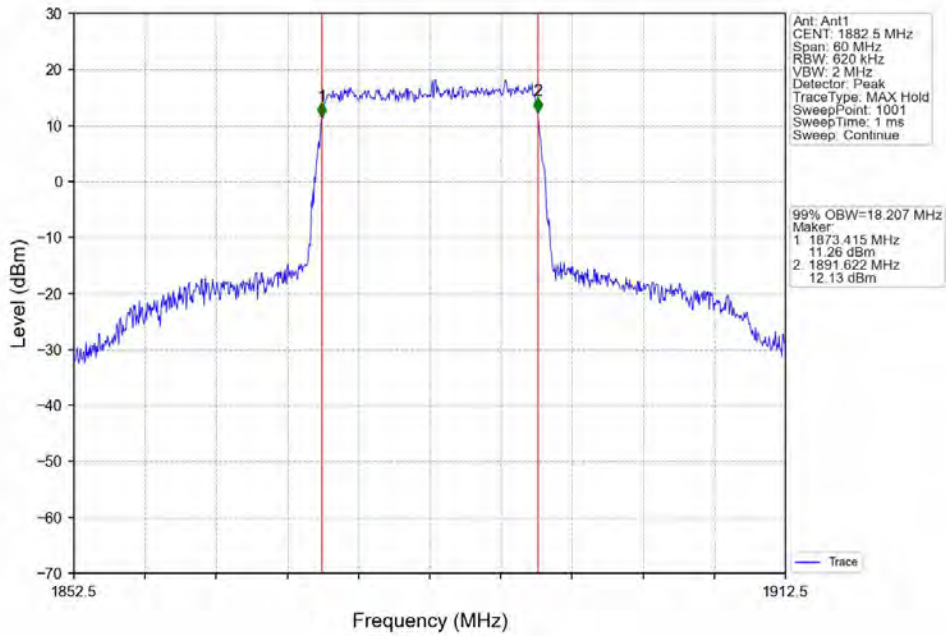
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV



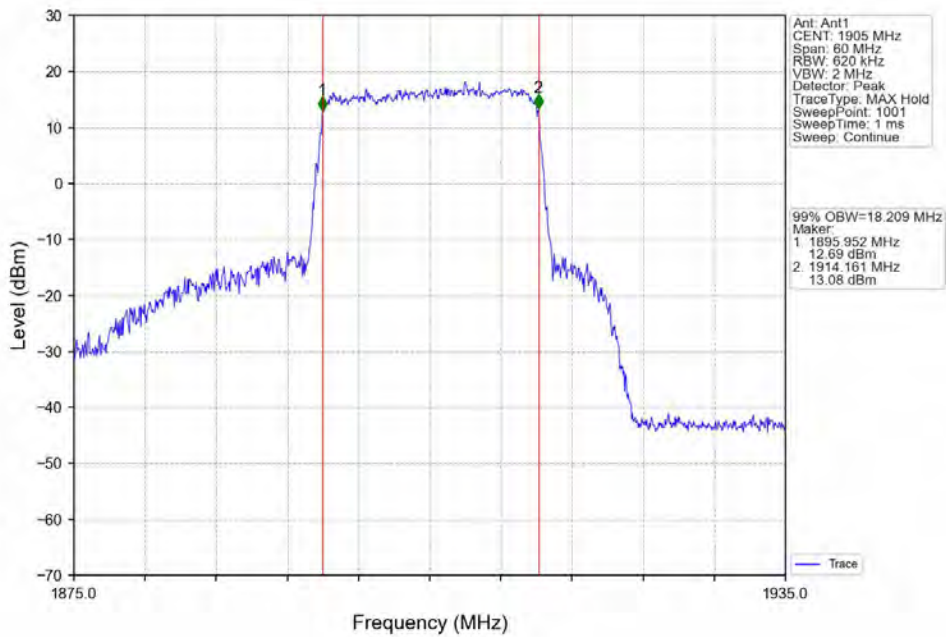
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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

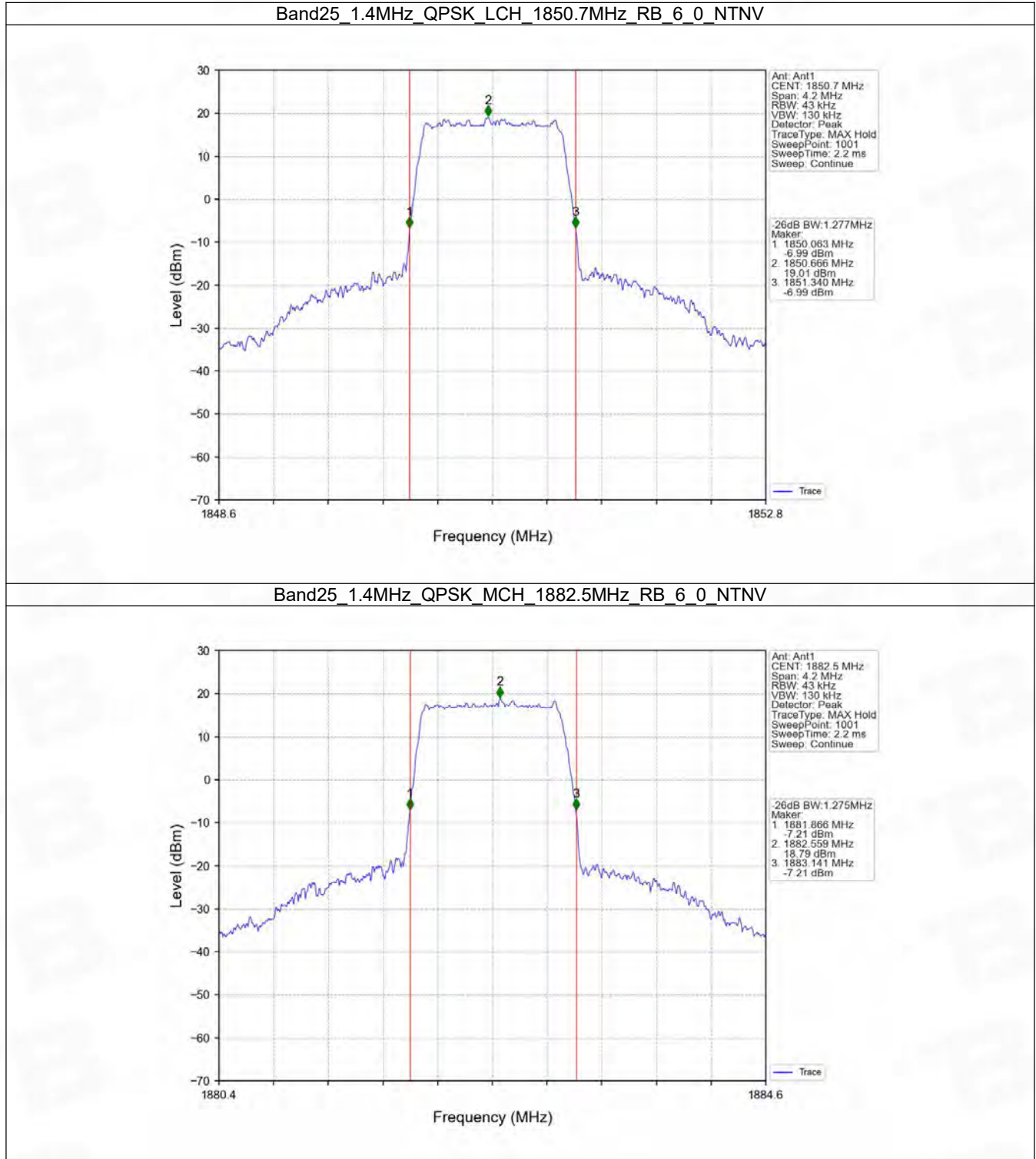


## 4.2 Band25\_XDB

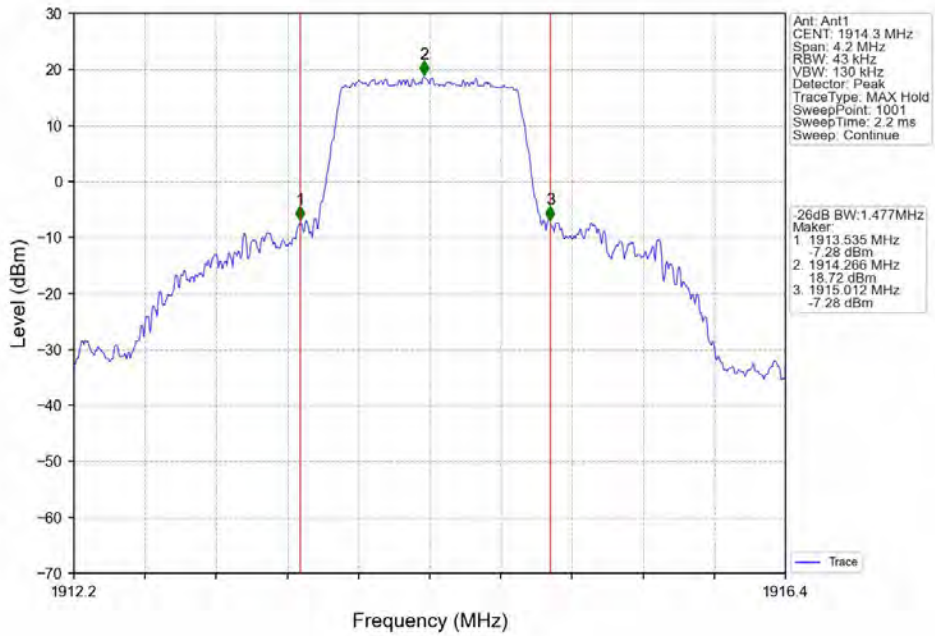
### 4.2.1 Test Result

Band: 25 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.277	/	Pass
		1882.5	6	0	1.275	/	Pass
		1914.3	6	0	1.477	/	Pass
	16QAM	1850.7	6	0	1.273	/	Pass
		1882.5	6	0	1.273	/	Pass
		1914.3	6	0	1.460	/	Pass
3	QPSK	1851.5	15	0	3.089	/	Pass
		1882.5	15	0	3.091	/	Pass
		1913.5	15	0	3.127	/	Pass
	16QAM	1851.5	15	0	3.116	/	Pass
		1882.5	15	0	3.103	/	Pass
		1913.5	15	0	3.102	/	Pass
5	QPSK	1852.5	25	0	5.061	/	Pass
		1882.5	25	0	5.071	/	Pass
		1912.5	25	0	5.057	/	Pass
	16QAM	1852.5	25	0	5.057	/	Pass
		1882.5	25	0	5.080	/	Pass
		1912.5	25	0	5.088	/	Pass
10	QPSK	1855	50	0	10.063	/	Pass
		1882.5	50	0	10.030	/	Pass
		1910	50	0	10.097	/	Pass
	16QAM	1855	50	0	10.040	/	Pass
		1882.5	50	0	10.059	/	Pass
		1910	50	0	10.023	/	Pass
15	QPSK	1857.5	75	0	15.105	/	Pass
		1882.5	75	0	15.108	/	Pass
		1907.5	75	0	15.152	/	Pass
	16QAM	1857.5	75	0	15.214	/	Pass
		1882.5	75	0	15.209	/	Pass
		1907.5	75	0	15.121	/	Pass
20	QPSK	1860	100	0	20.027	/	Pass
		1882.5	100	0	19.963	/	Pass
		1905	100	0	19.913	/	Pass
	16QAM	1860	100	0	20.120	/	Pass
		1882.5	100	0	20.123	/	Pass
		1905	100	0	19.914	/	Pass

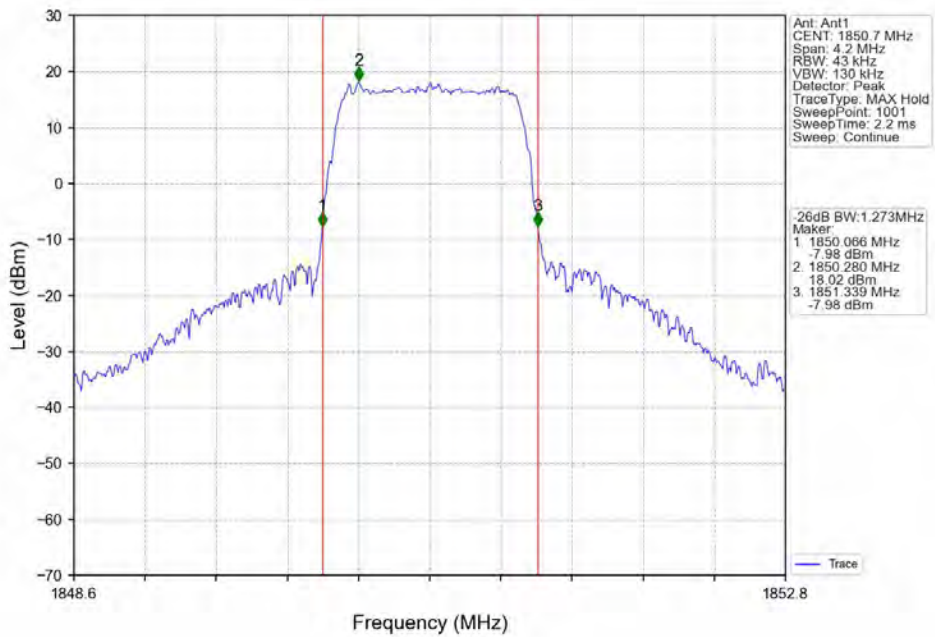
4.2.2 Test Graph



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

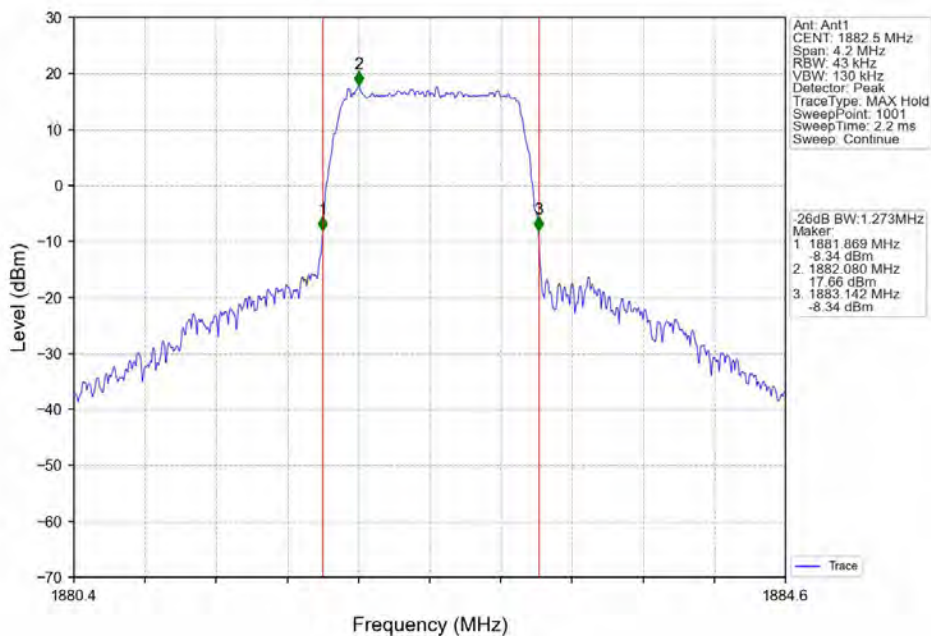


Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

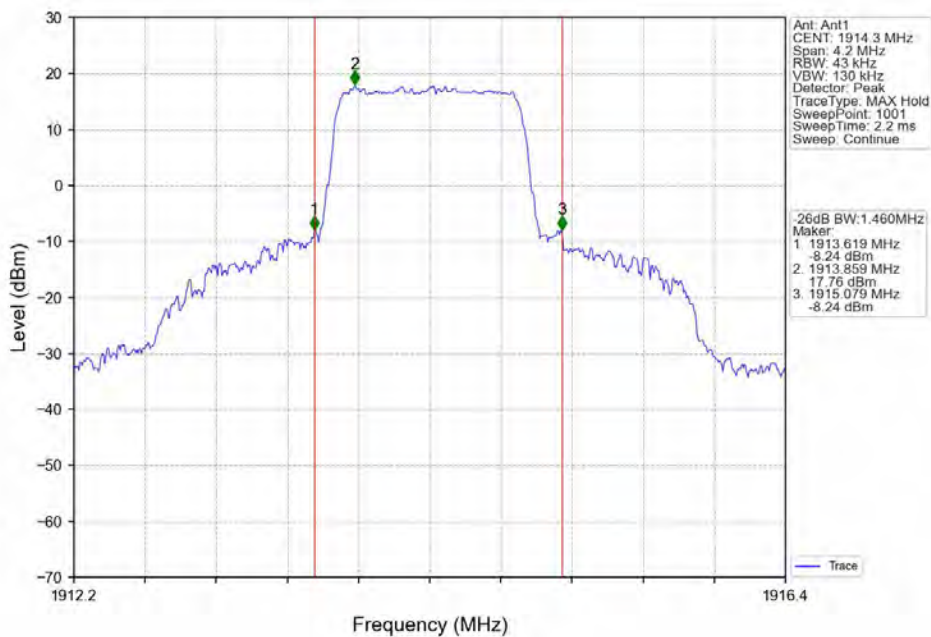




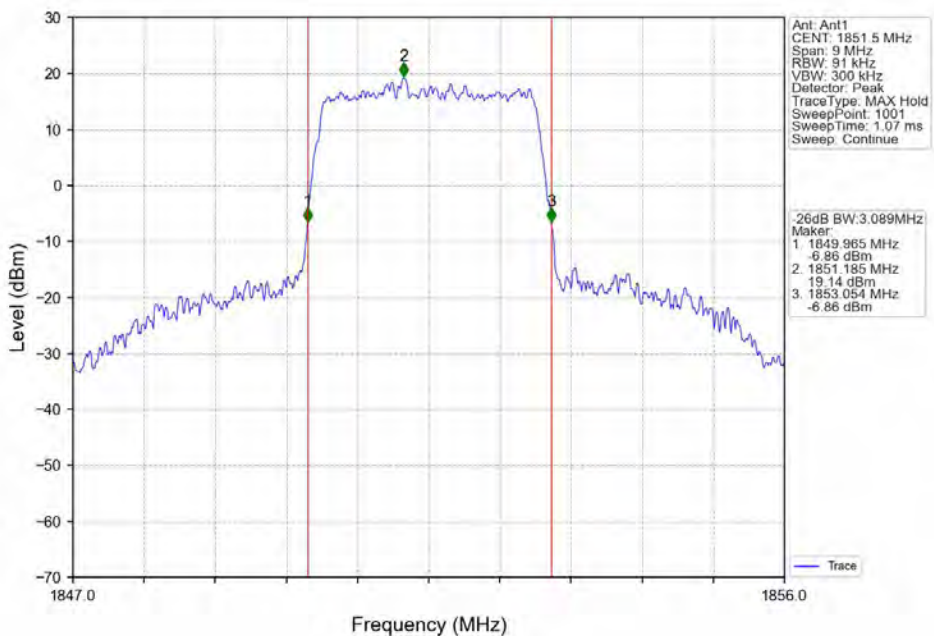
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_6\_0\_NTNV



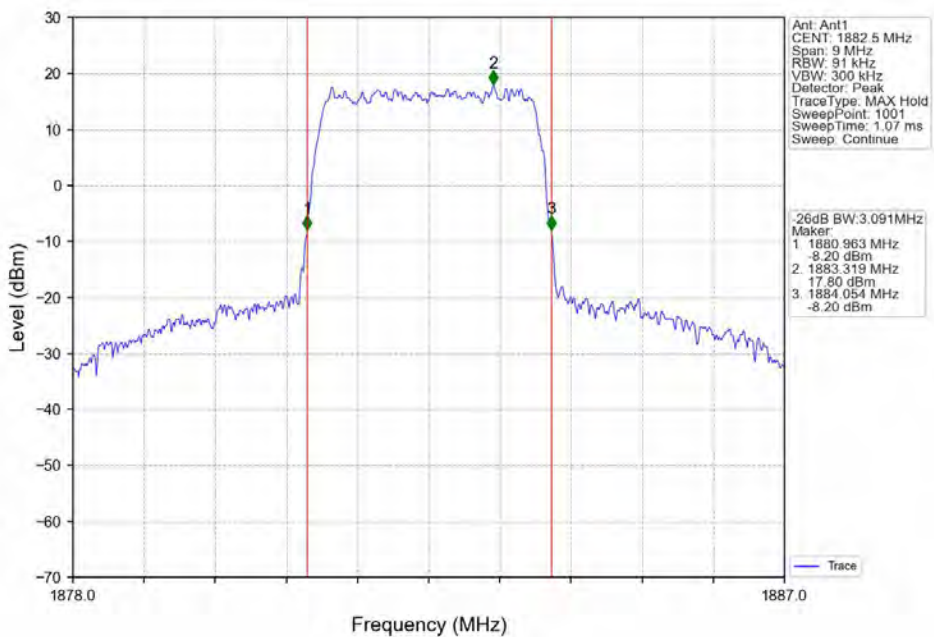
Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



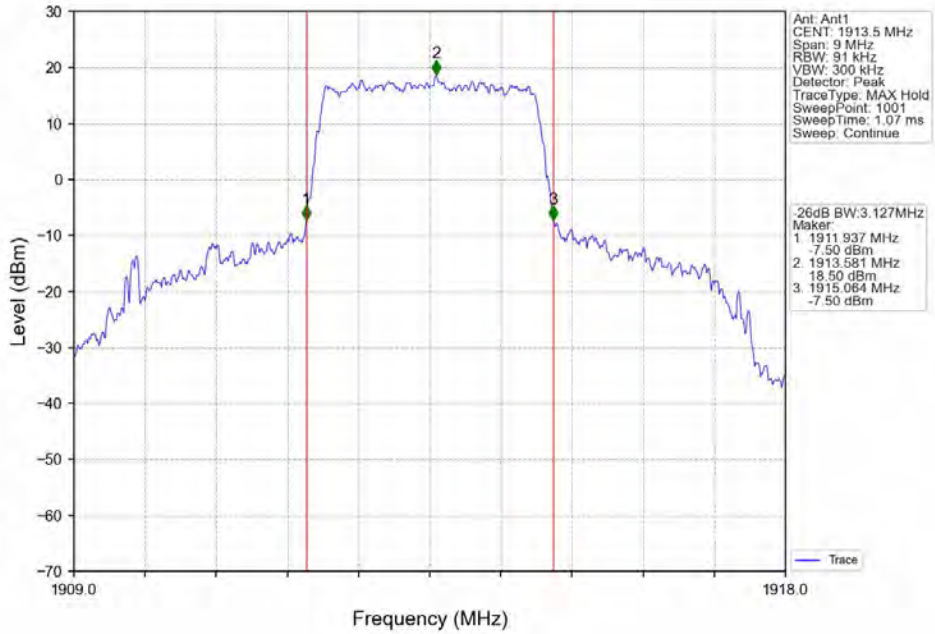
Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



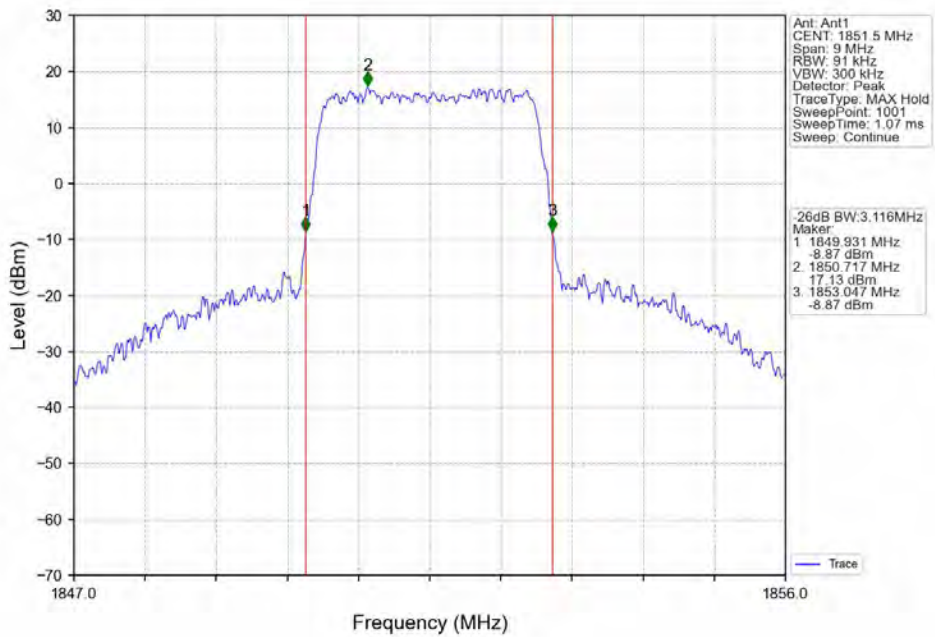
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



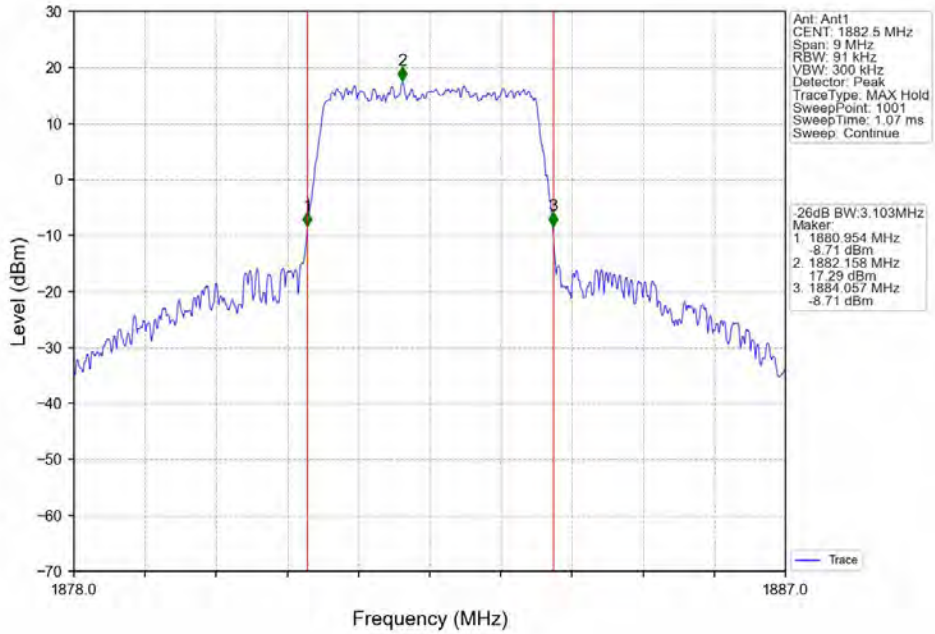
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



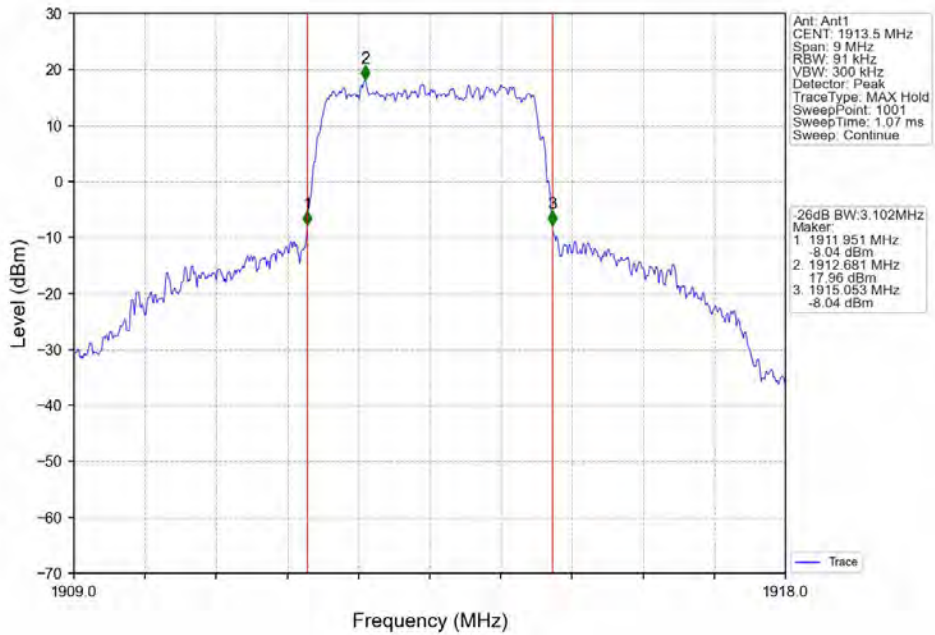
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



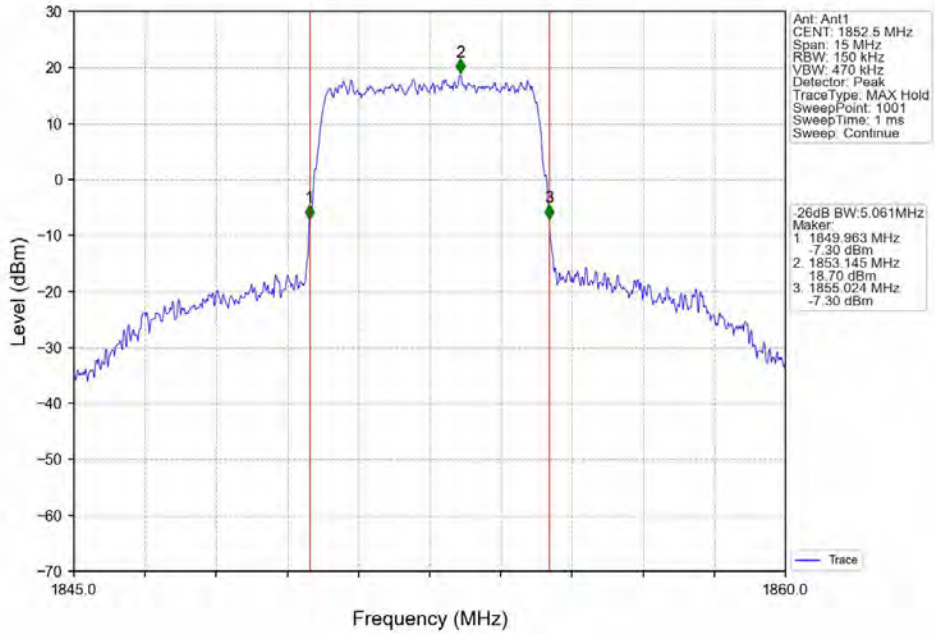
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



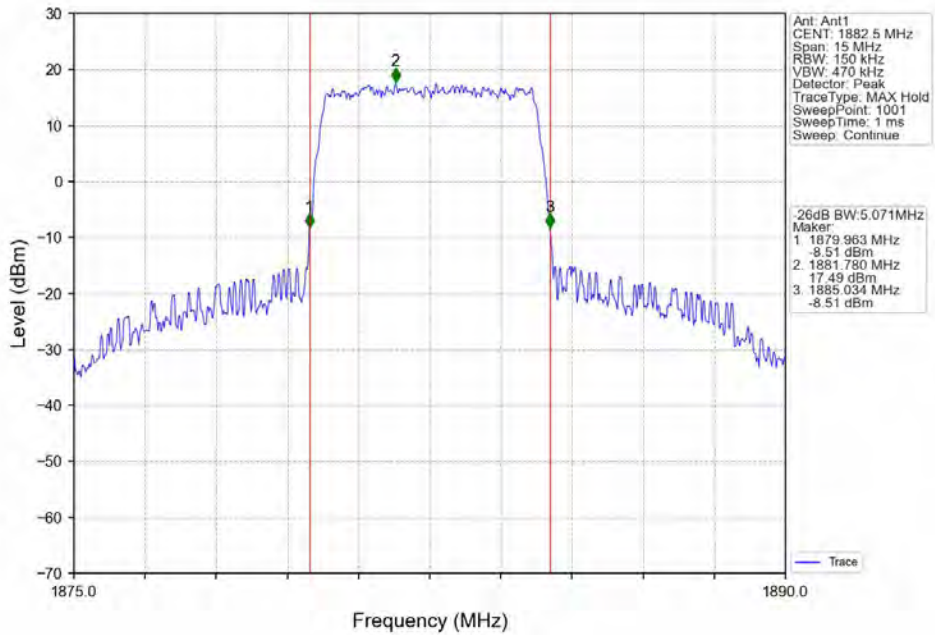
Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



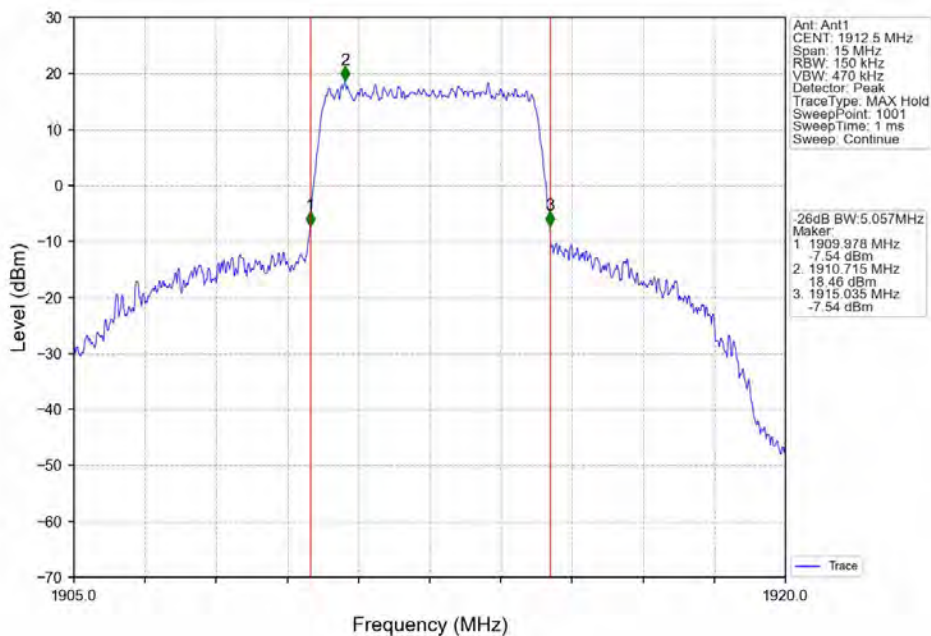
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



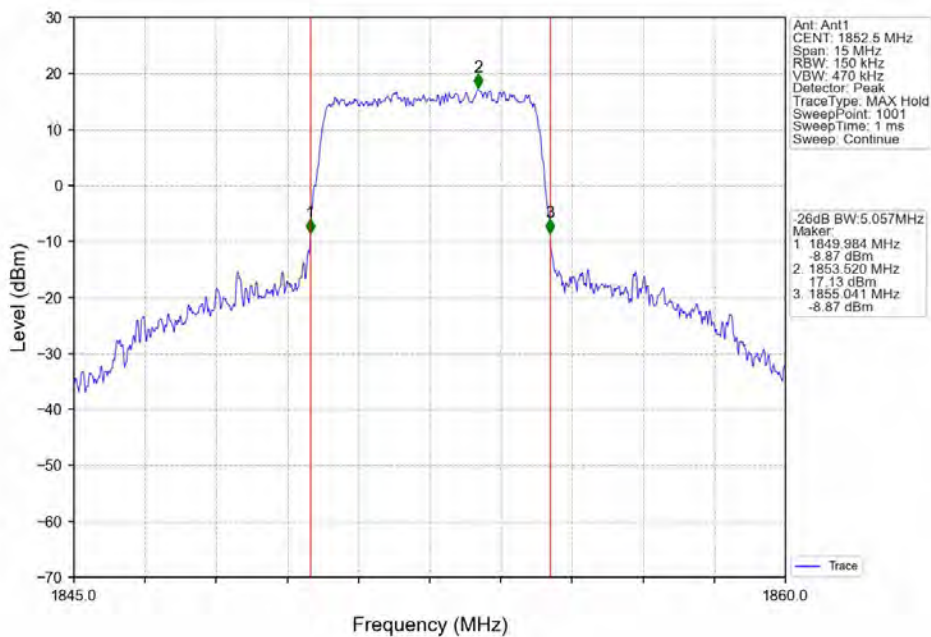
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



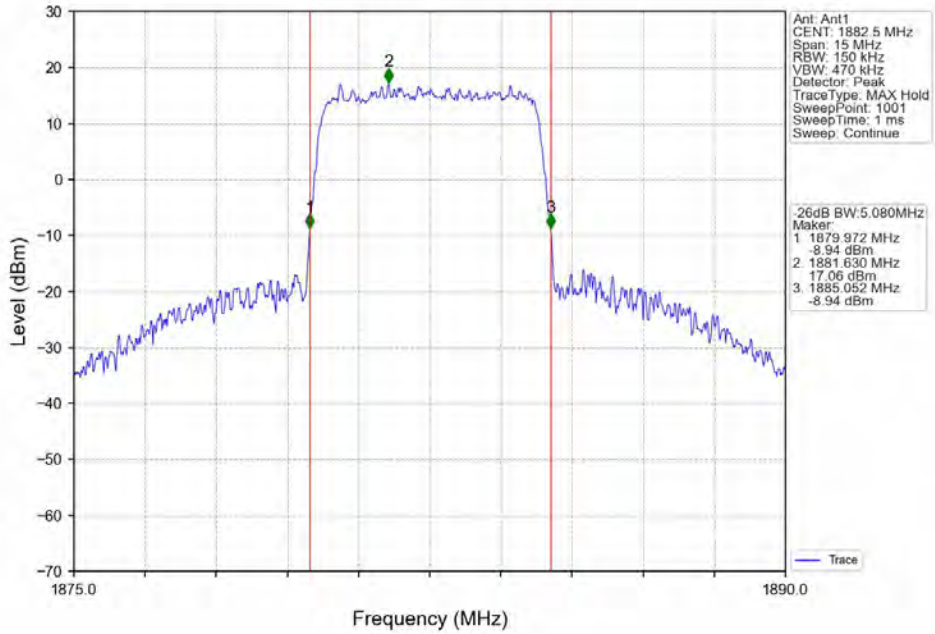
Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



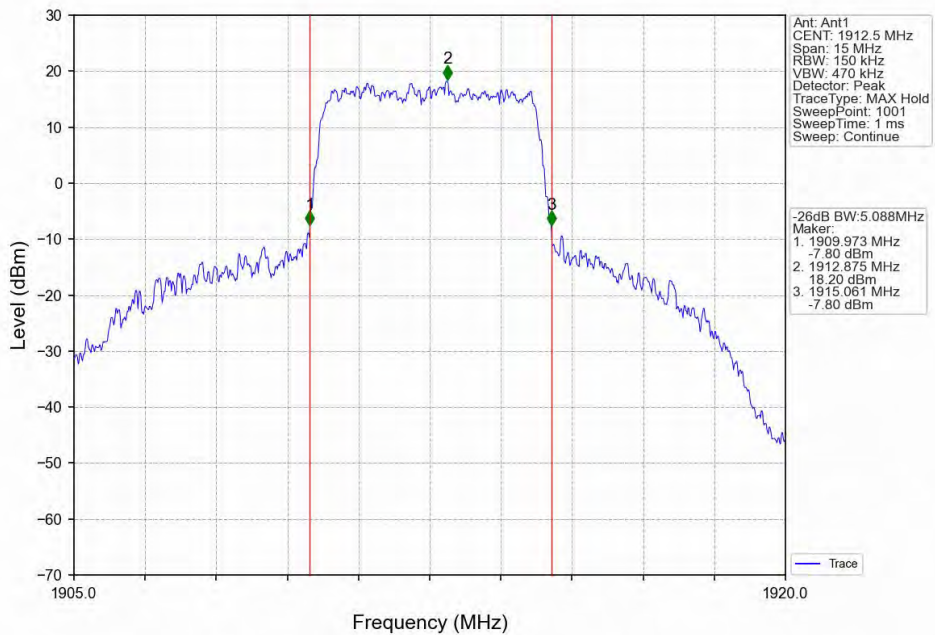
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



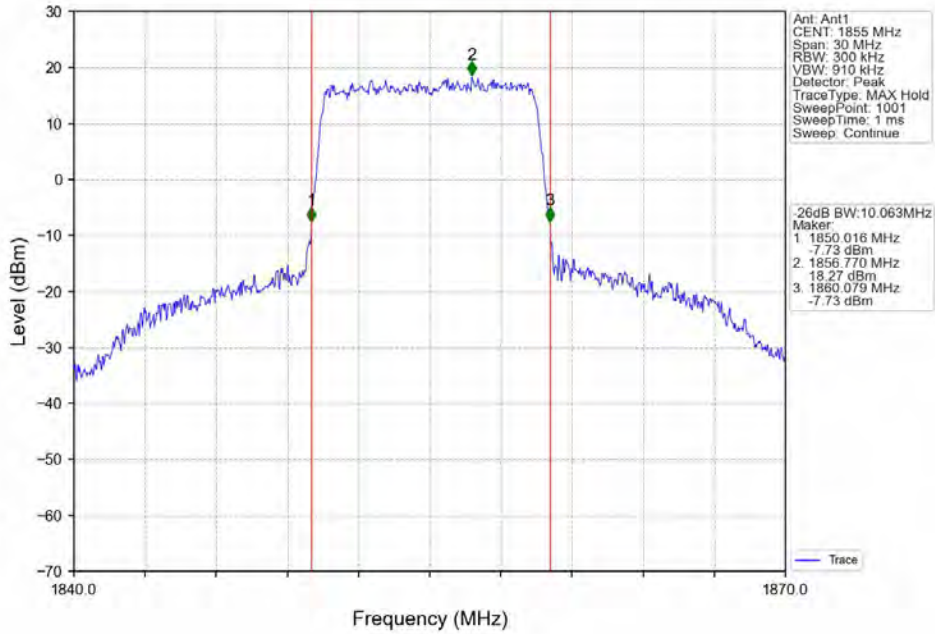
Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



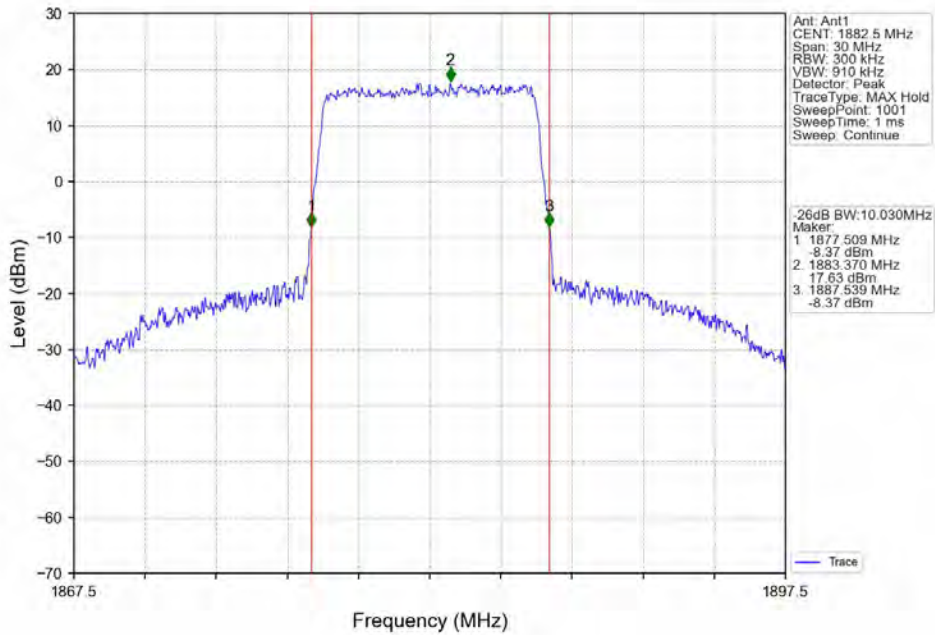
Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



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

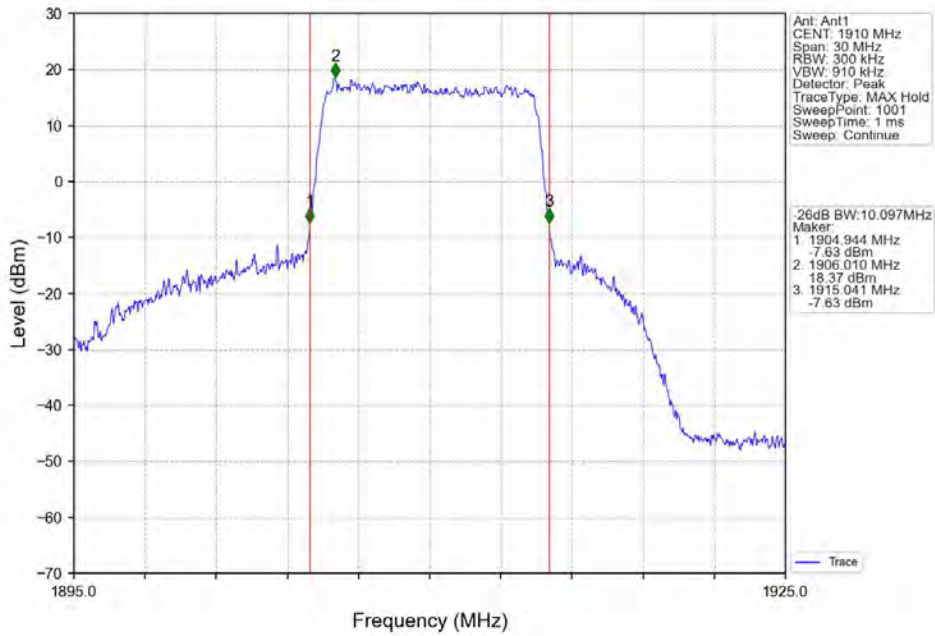


Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV

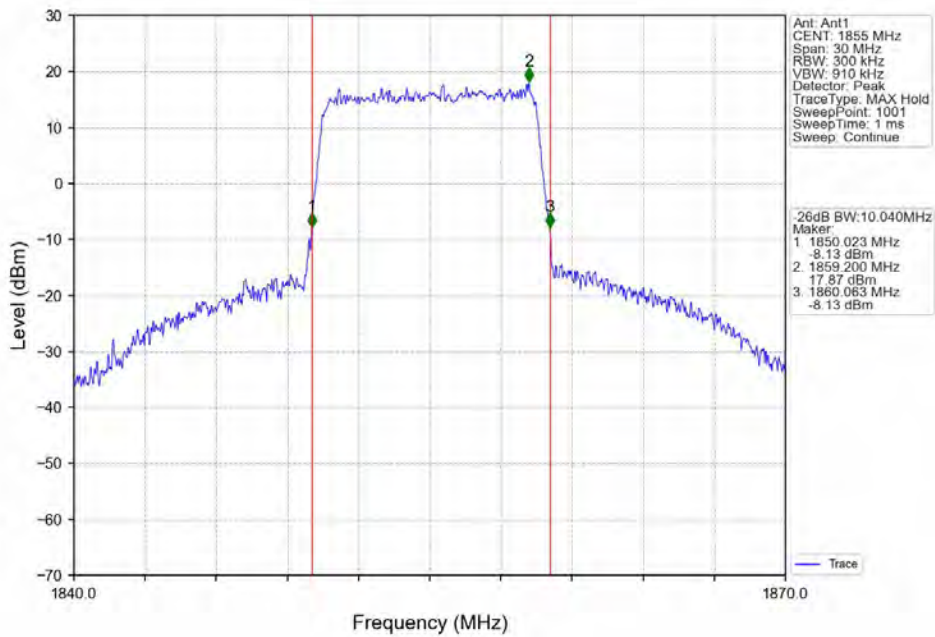




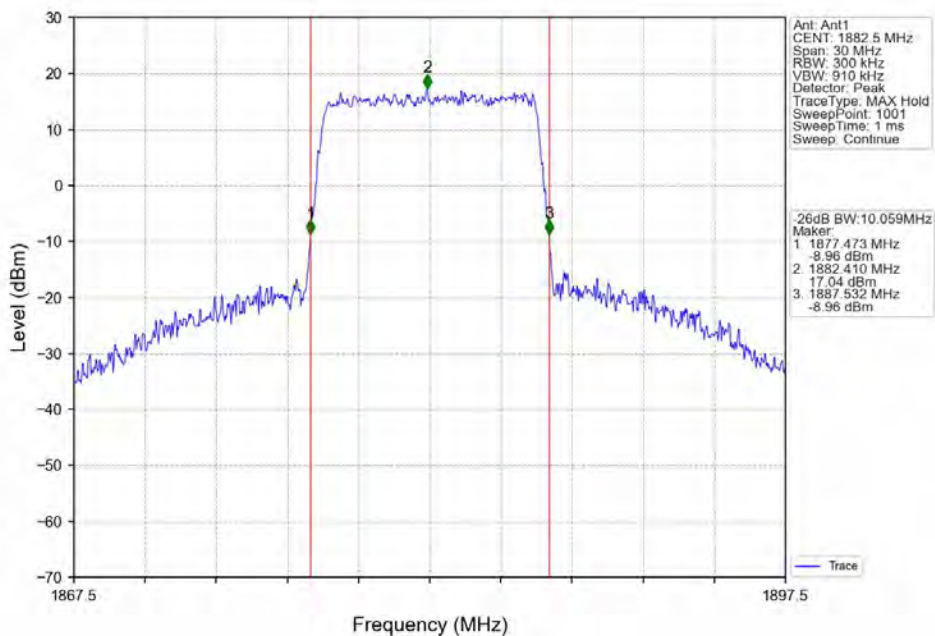
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTNV



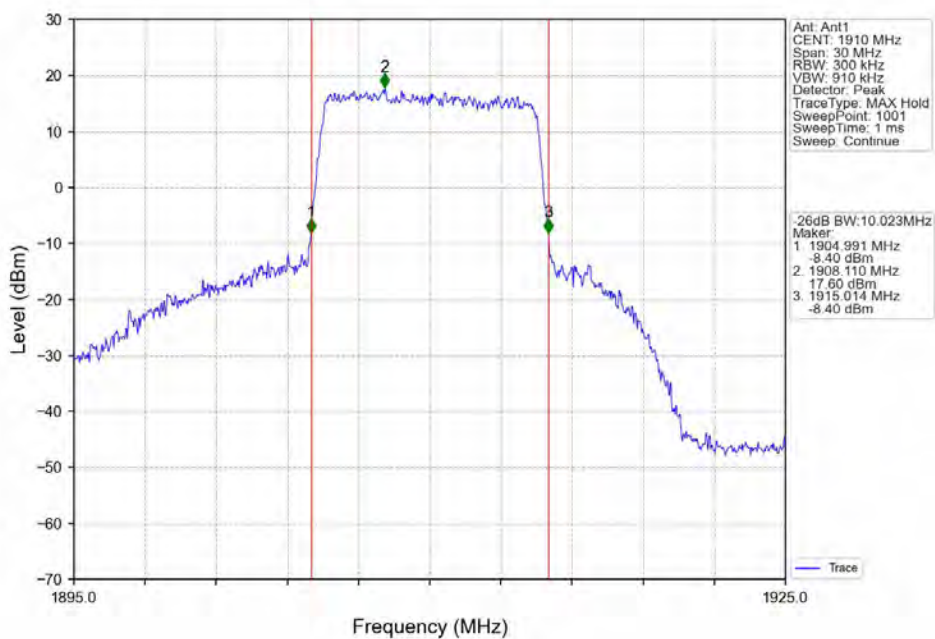
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



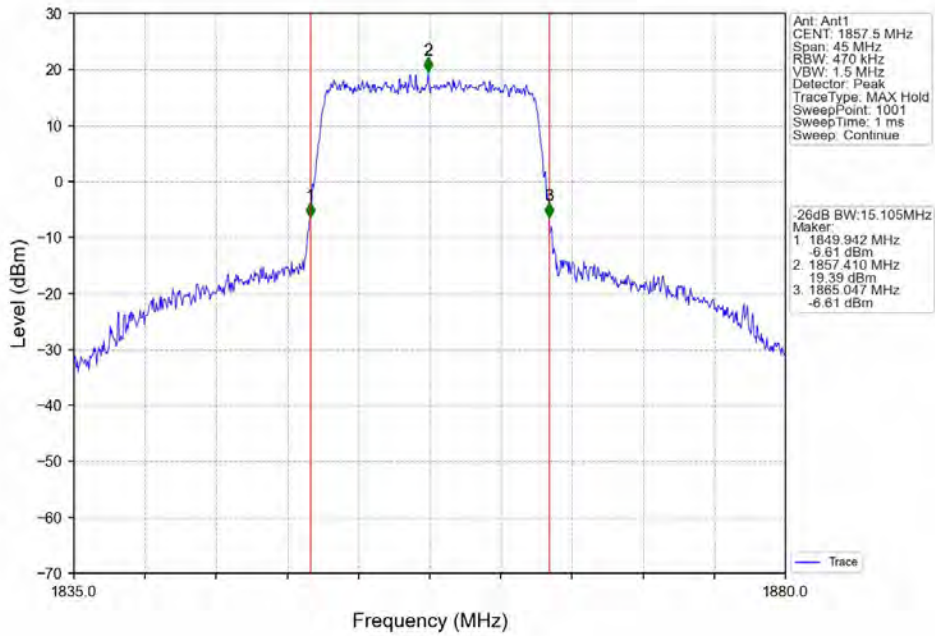
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



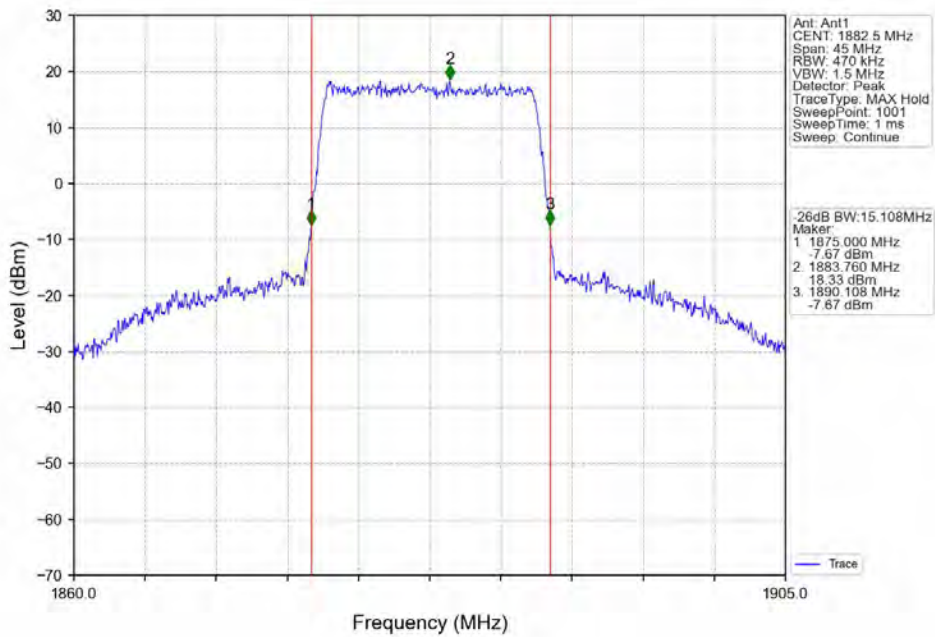
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_50\_0\_NTNV



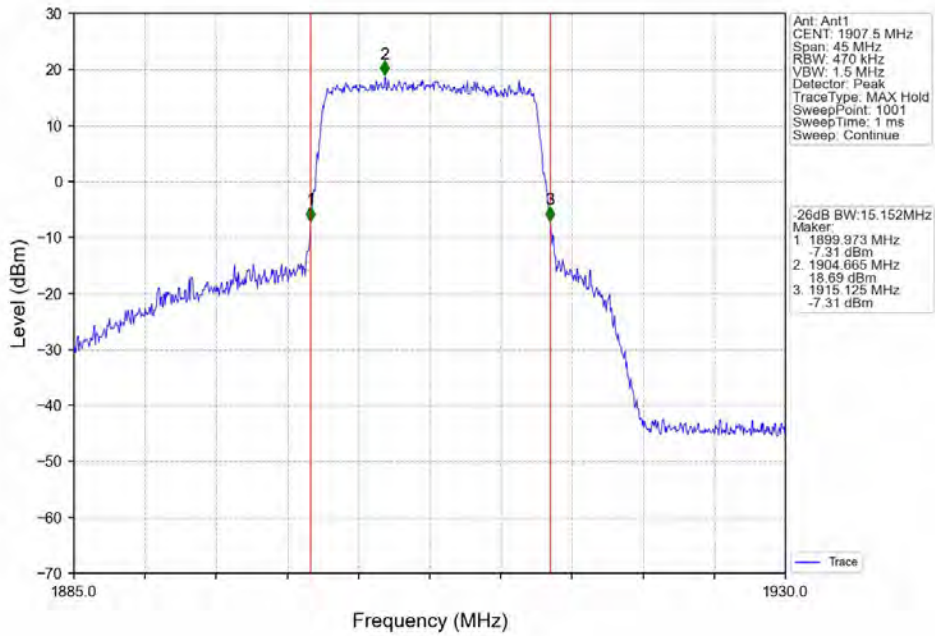
Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



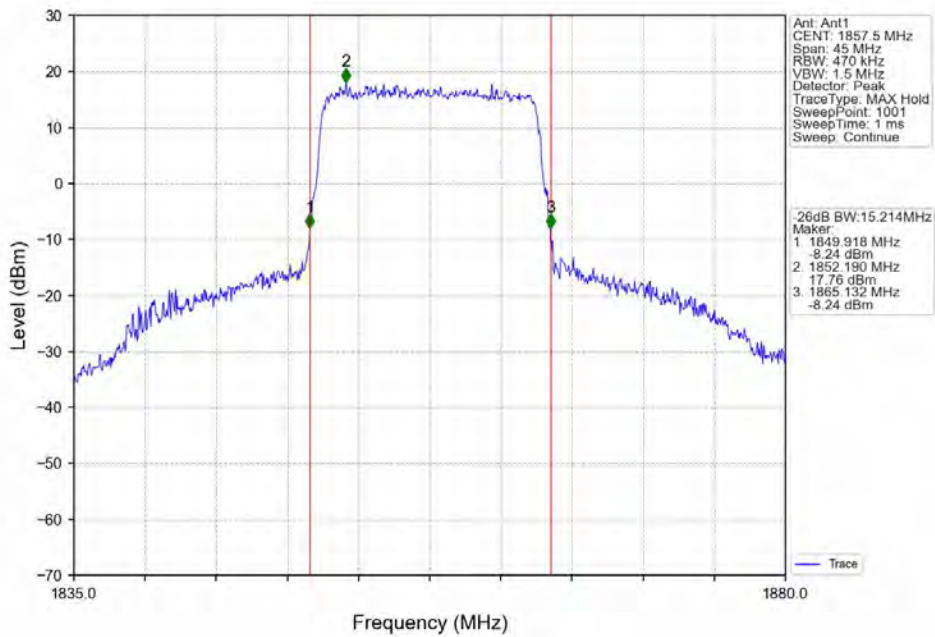
Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



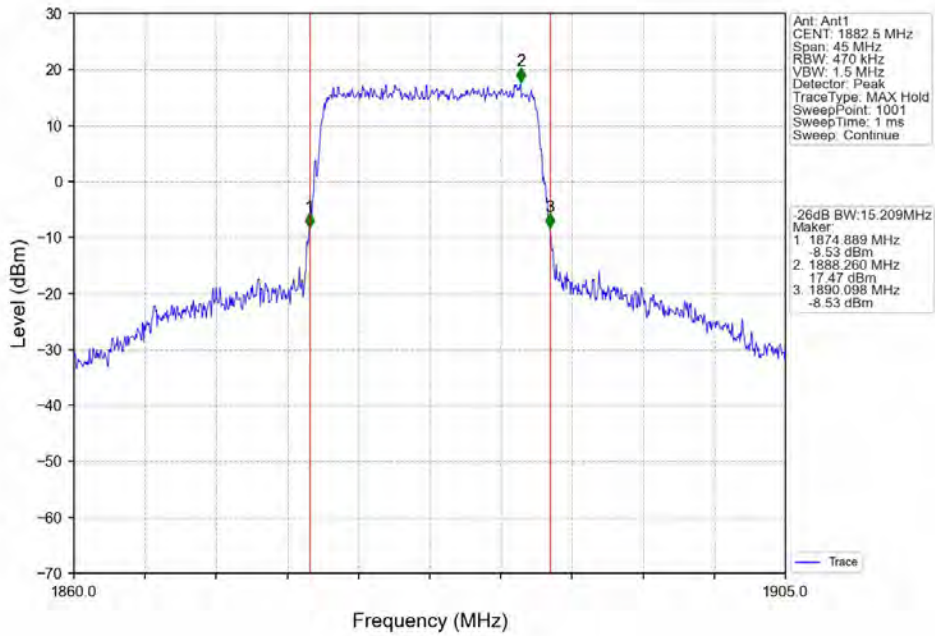
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



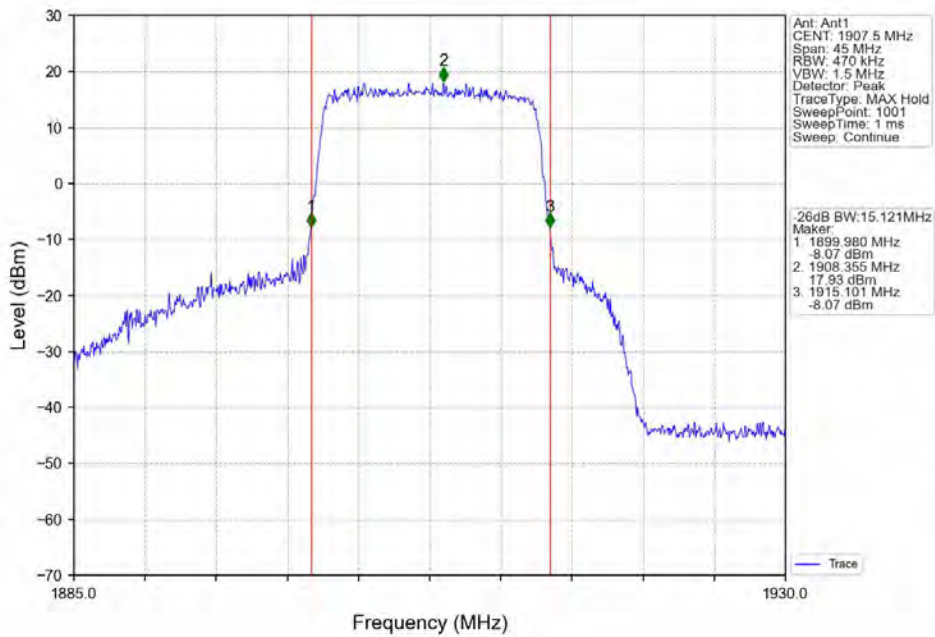
Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



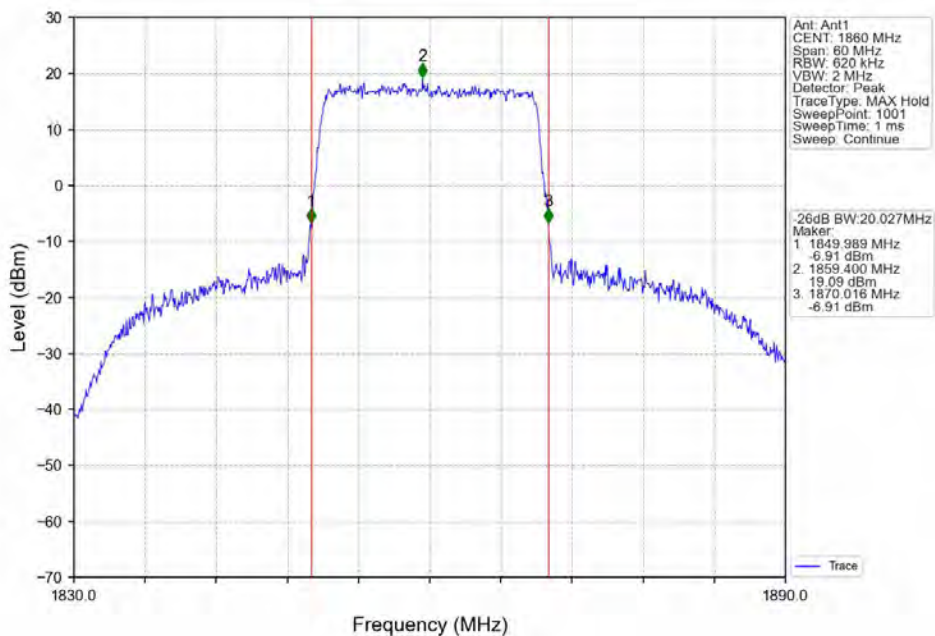
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



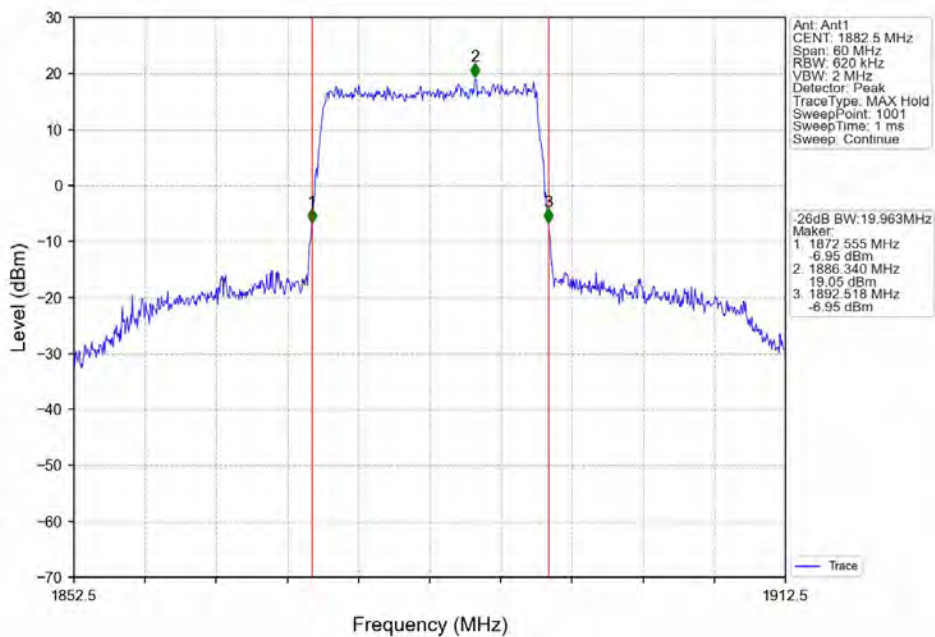
Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



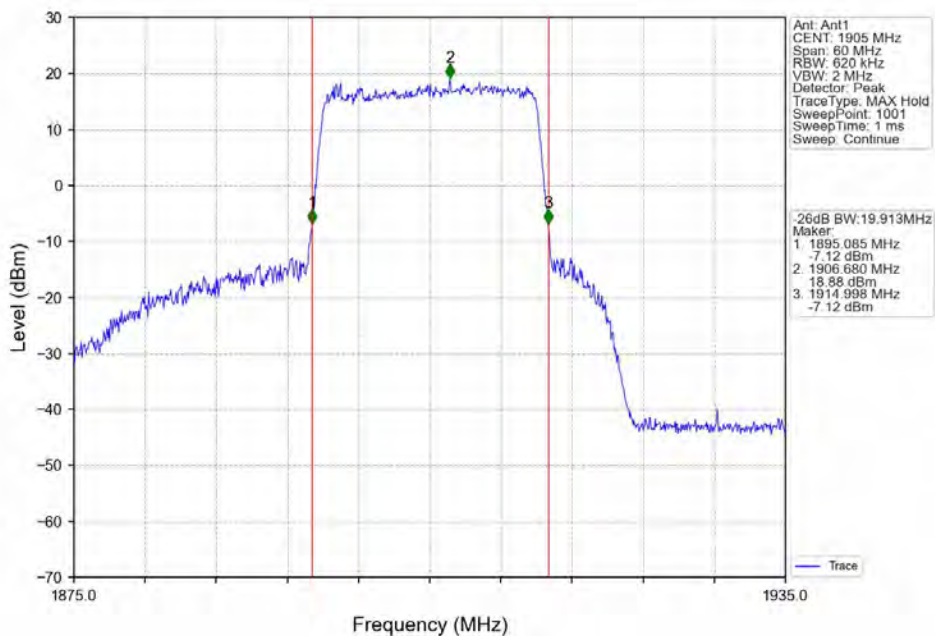
Band25\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



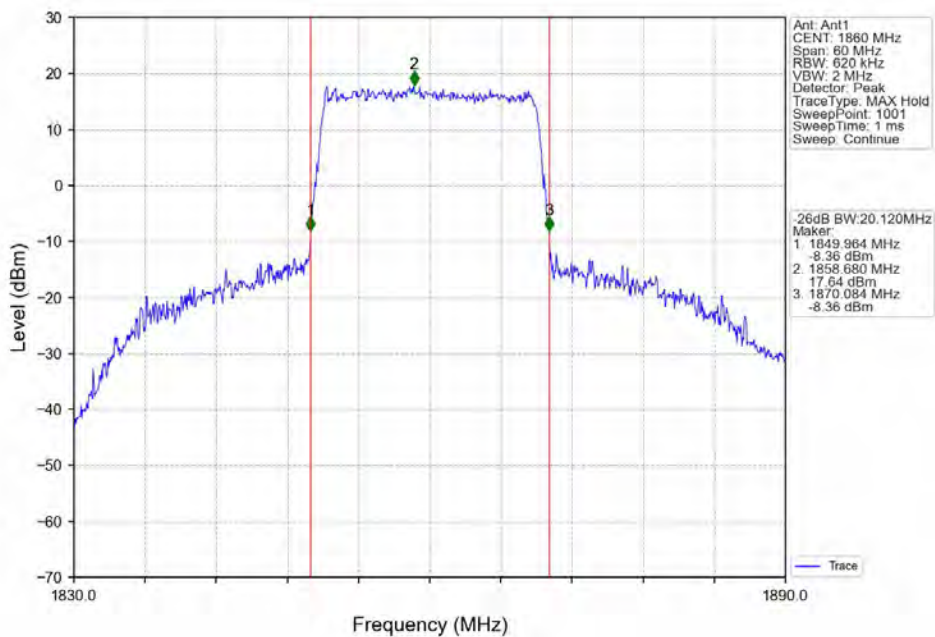
Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV



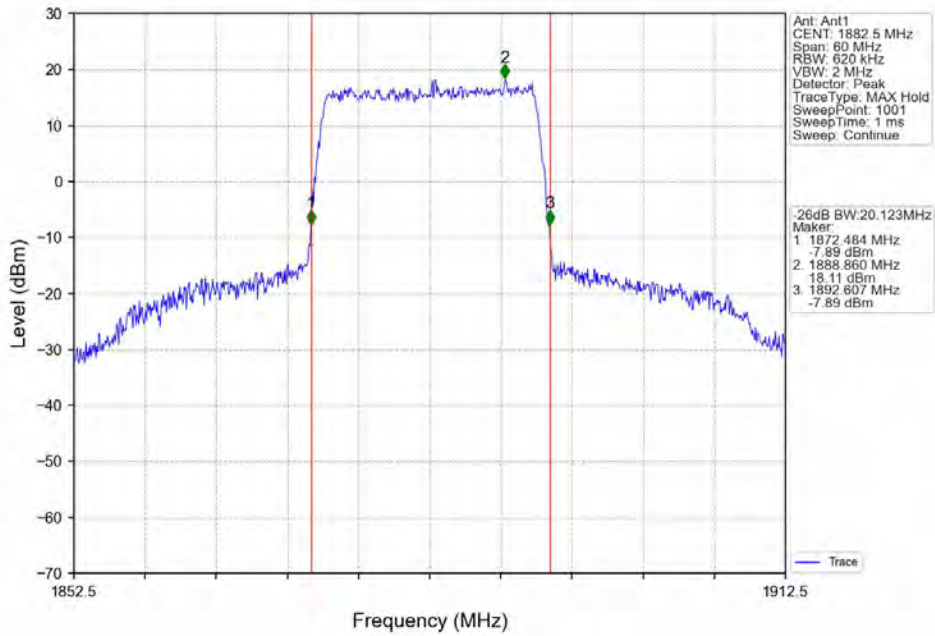
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV



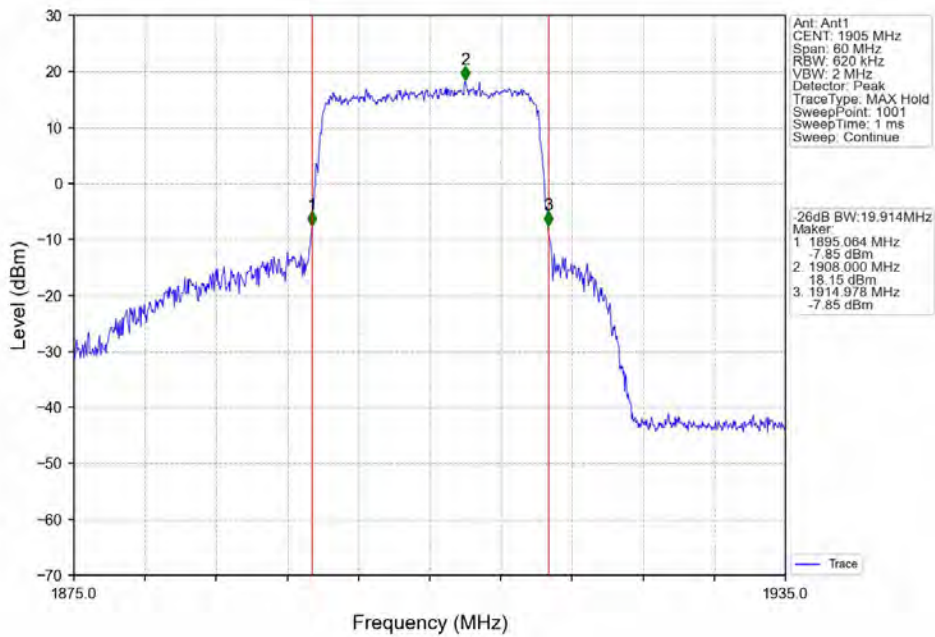
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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







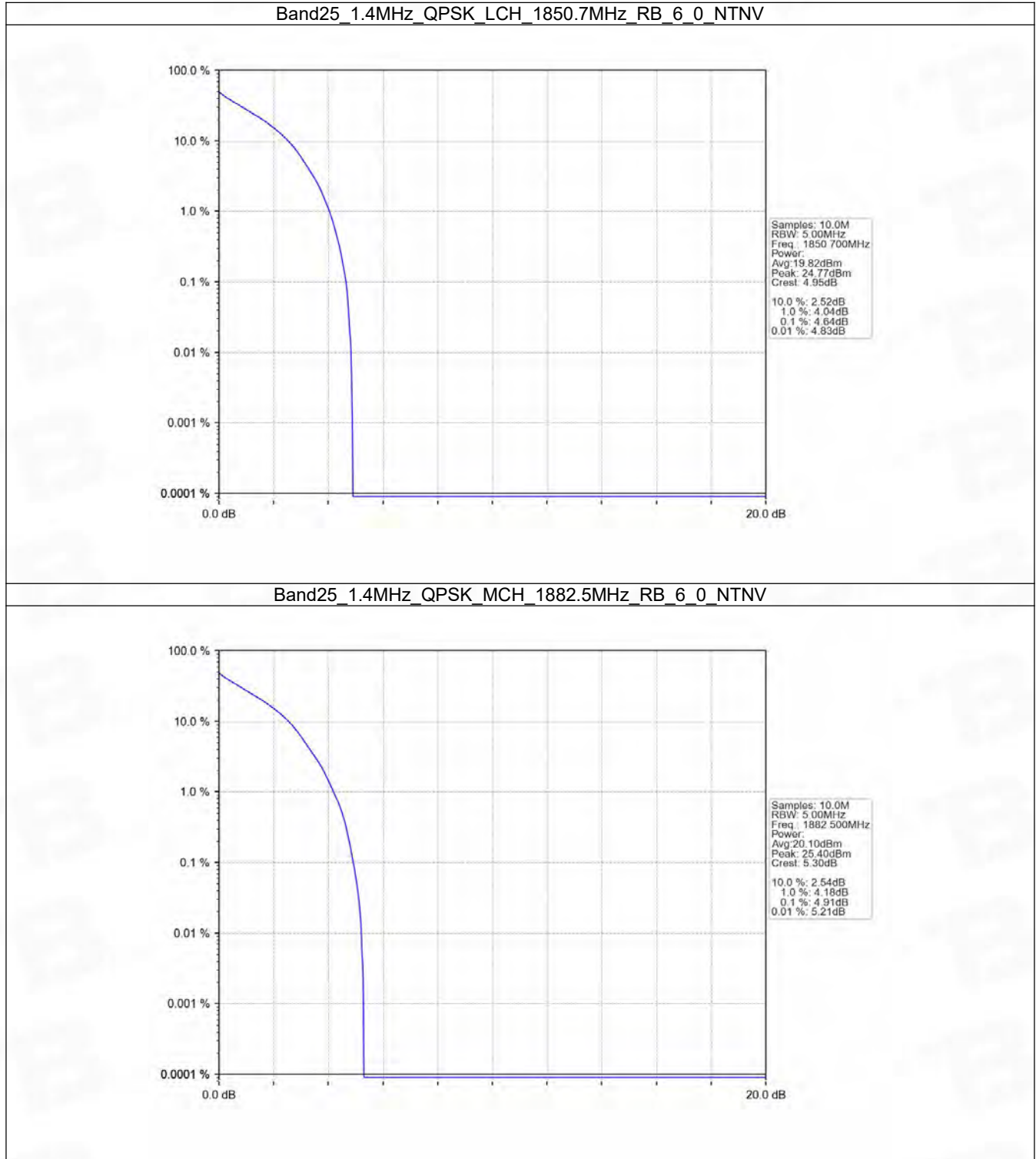
## 5. Peak-Average Ratio

### 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	4.64	<=13	Pass
	1882.5	6	0	4.91	<=13	Pass
	1914.3	6	0	1.69	<=13	Pass
16QAM	1850.7	6	0	5.38	<=13	Pass
	1882.5	6	0	5.76	<=13	Pass
	1914.3	6	0	1.67	<=13	Pass

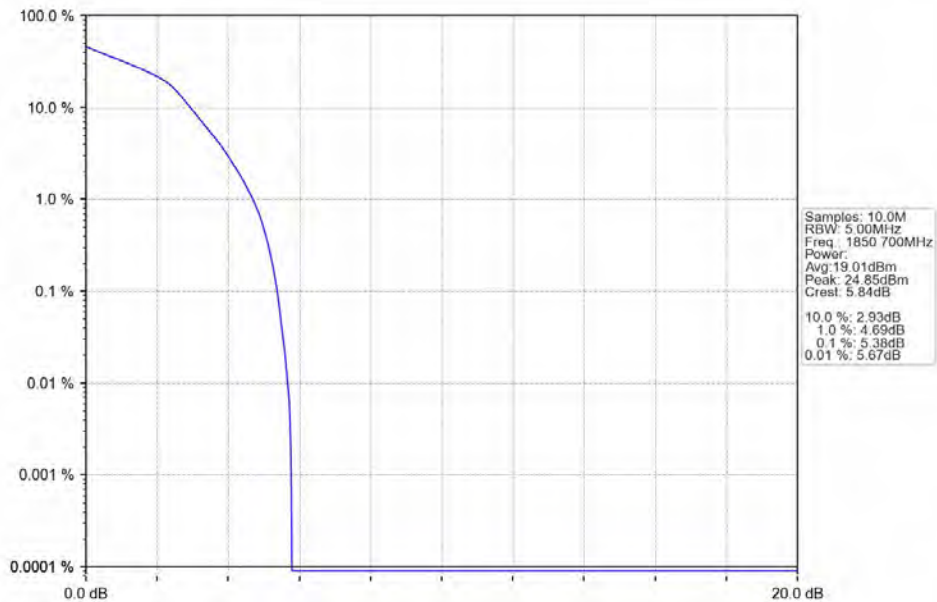
### 5.1.2 Test Graph



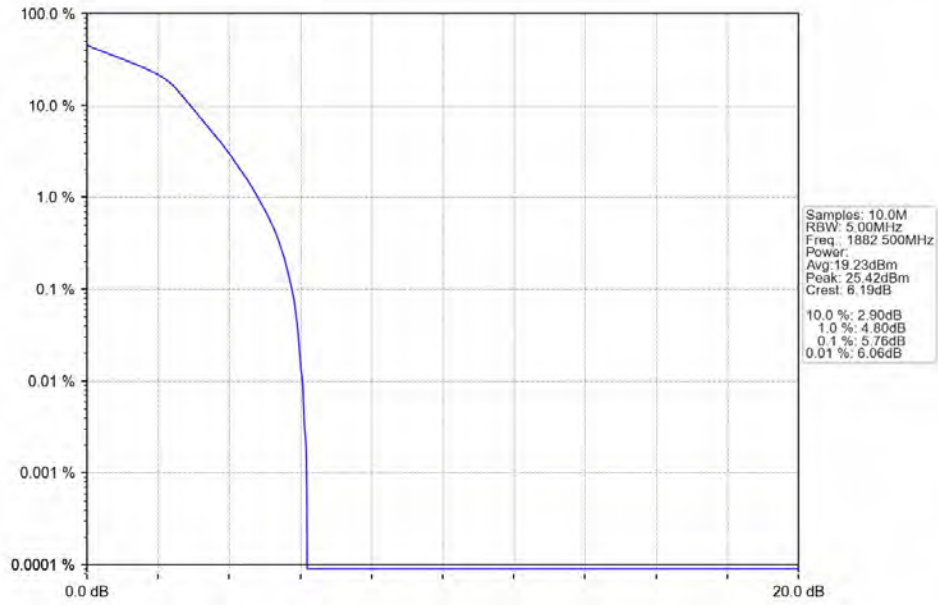
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



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

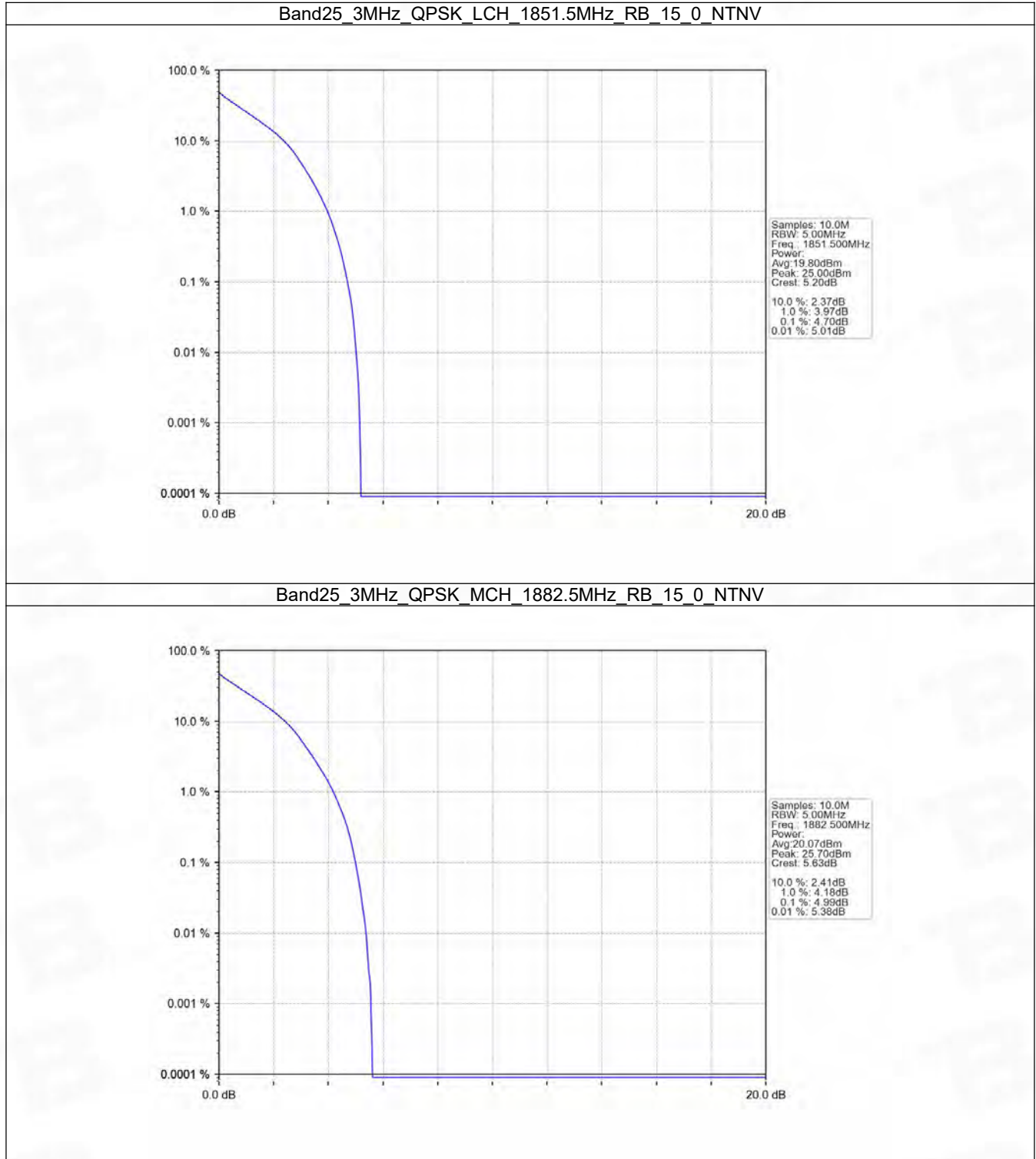


## 5.2 B25\_3MHz

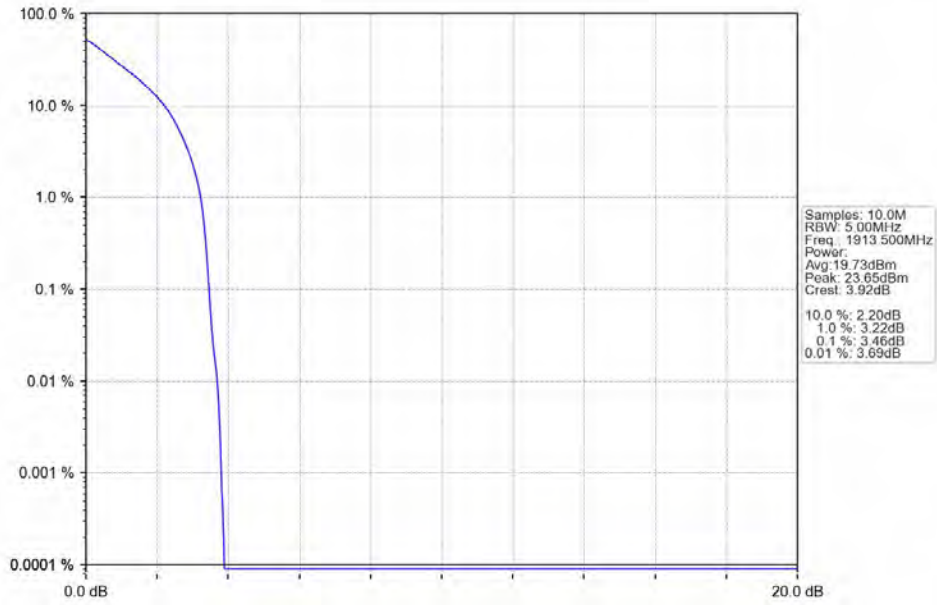
### 5.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	4.70	<=13	Pass
	1882.5	15	0	4.99	<=13	Pass
	1913.5	15	0	3.46	<=13	Pass
16QAM	1851.5	15	0	5.51	<=13	Pass
	1882.5	15	0	5.85	<=13	Pass
	1913.5	15	0	4.72	<=13	Pass

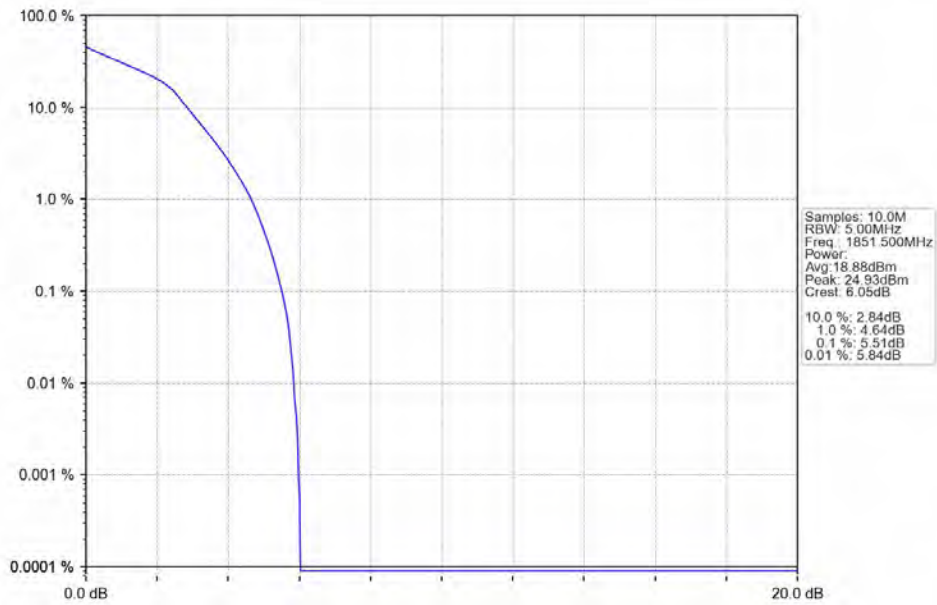
5.2.2 Test Graph



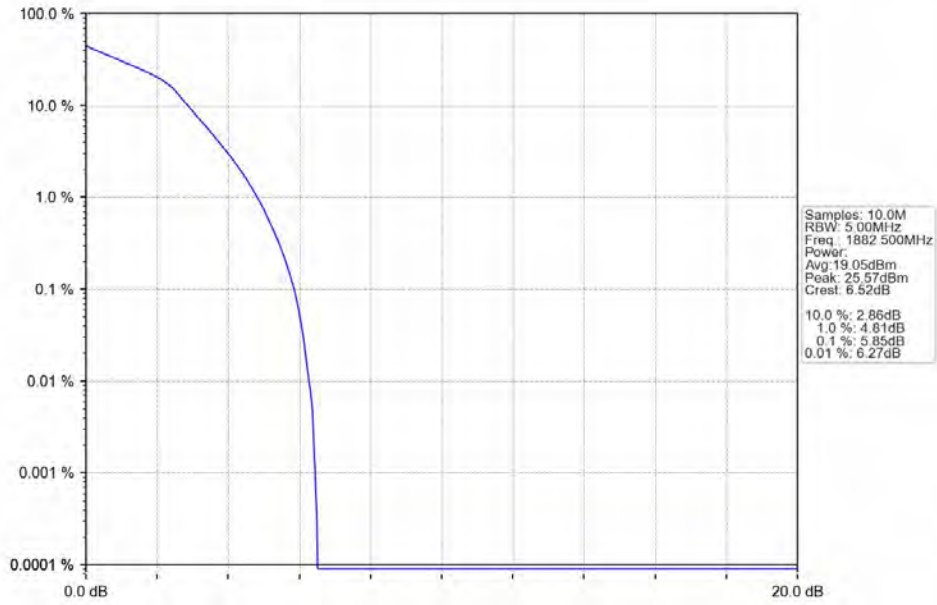
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



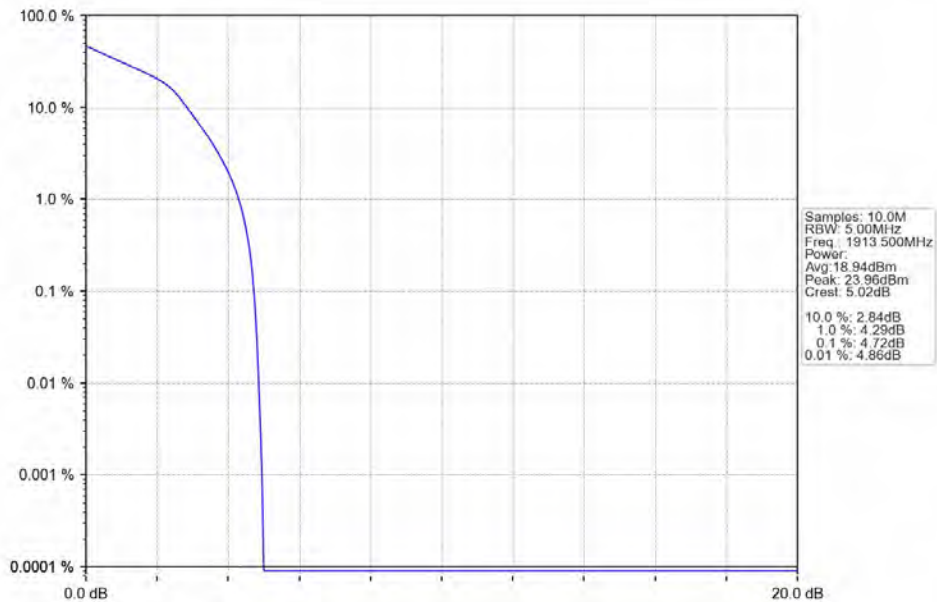
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



Band25 3MHz 16QAM MCH 1882.5MHz RB 15 0 NTN



Band25 3MHz 16QAM HCH 1913.5MHz RB 15 0 NTN





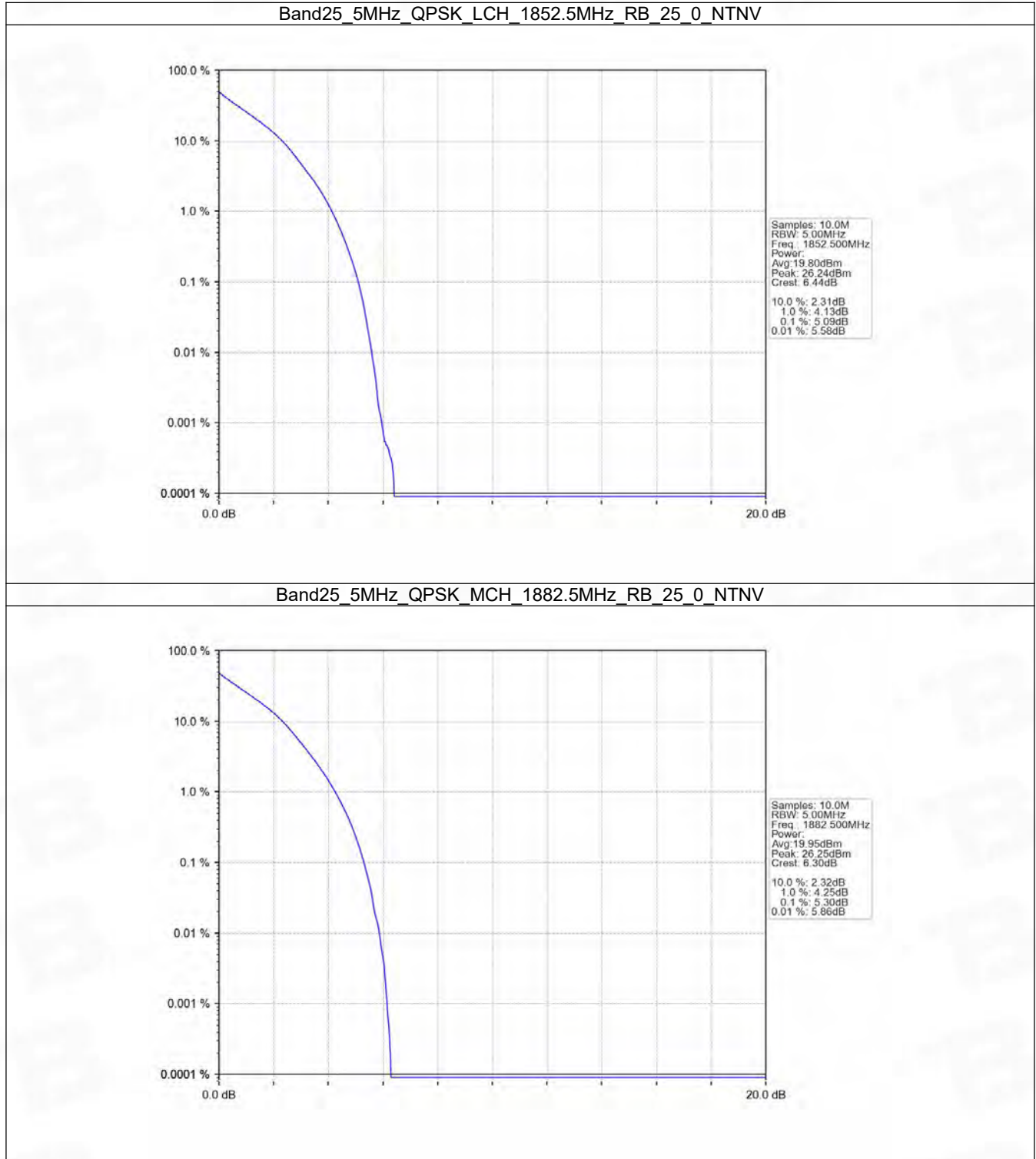


### 5.3 B25\_5MHz

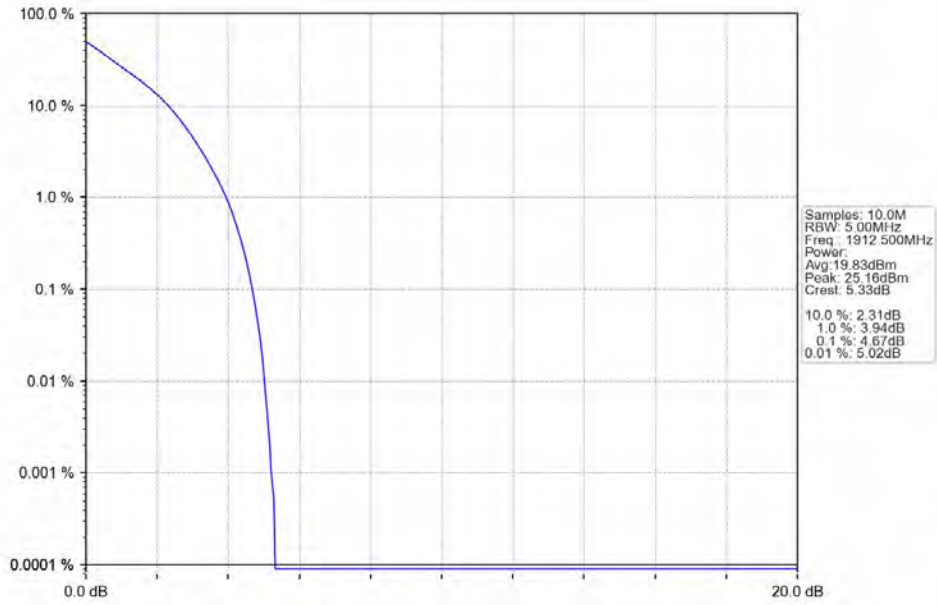
#### 5.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.09	<=13	Pass
	1882.5	25	0	5.30	<=13	Pass
	1912.5	25	0	4.67	<=13	Pass
16QAM	1852.5	25	0	5.79	<=13	Pass
	1882.5	25	0	5.98	<=13	Pass
	1912.5	25	0	5.36	<=13	Pass

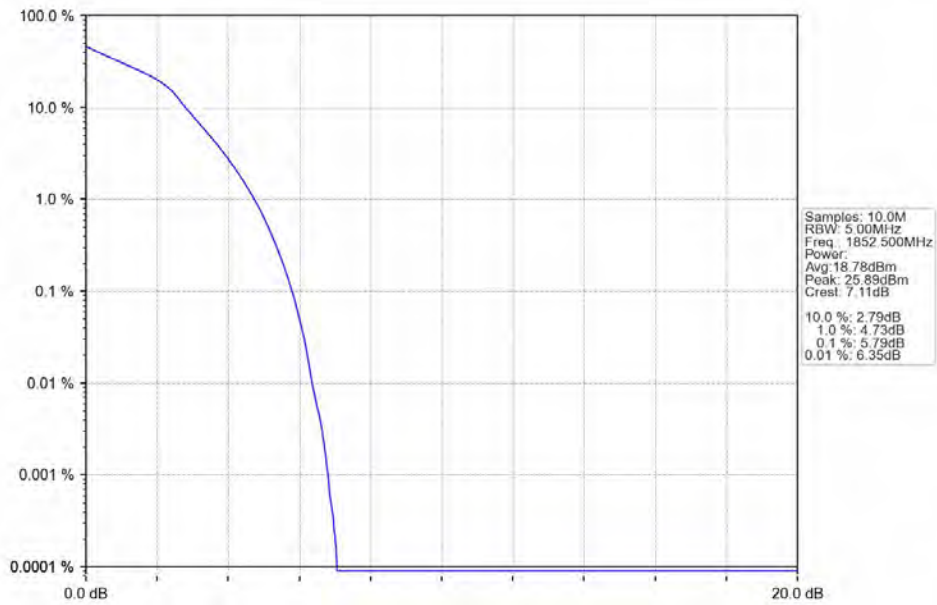
5.3.2 Test Graph



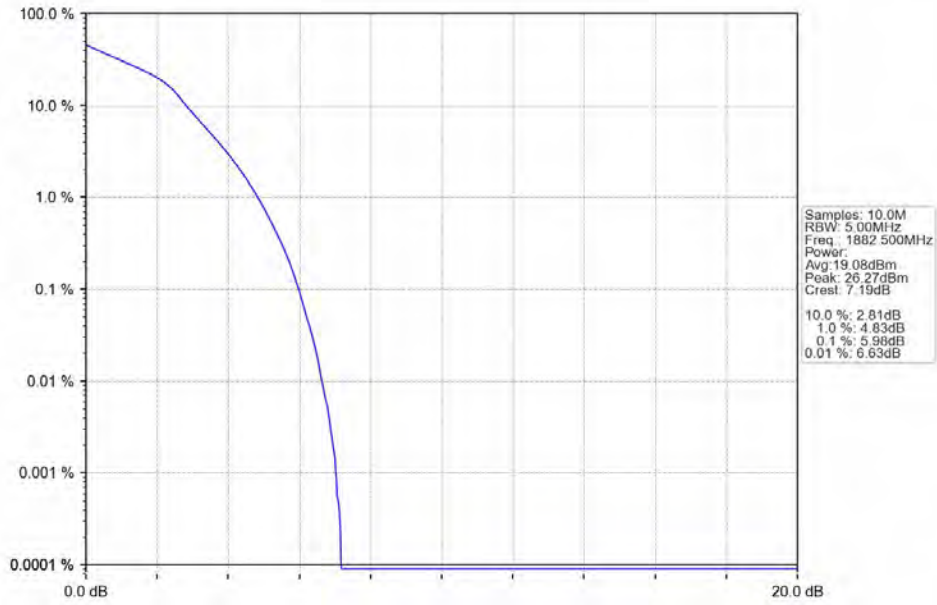
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTNV



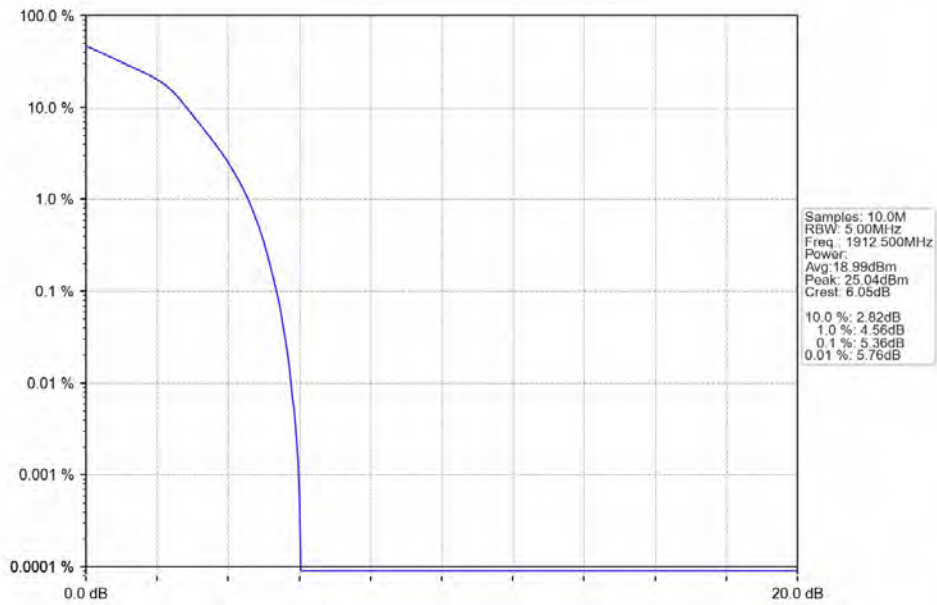
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



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



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



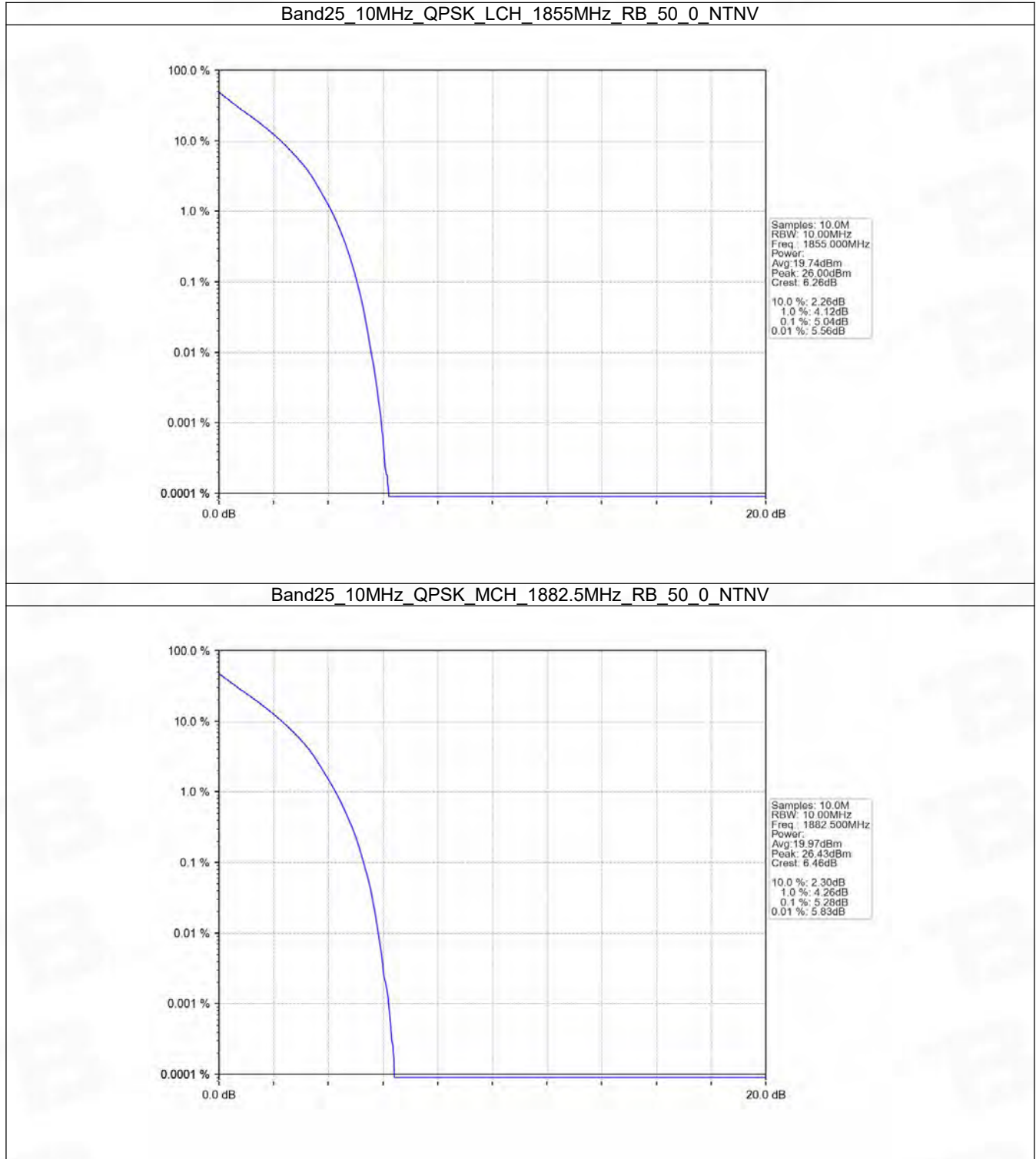


### 5.4 B25\_10MHz

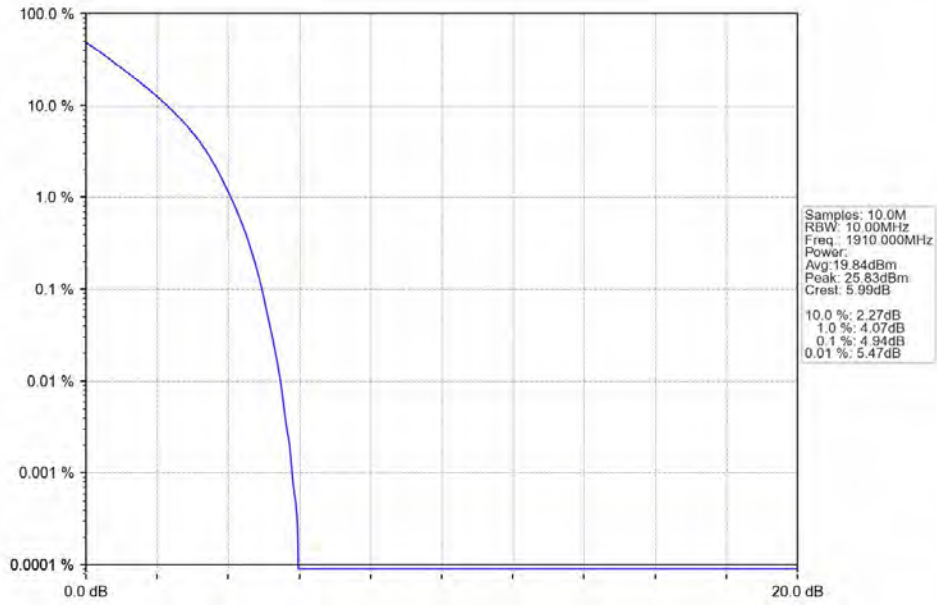
#### 5.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.04	<=13	Pass
	1882.5	50	0	5.28	<=13	Pass
	1910	50	0	4.94	<=13	Pass
16QAM	1855	50	0	5.03	<=13	Pass
	1882.5	50	0	5.27	<=13	Pass
	1910	50	0	4.88	<=13	Pass

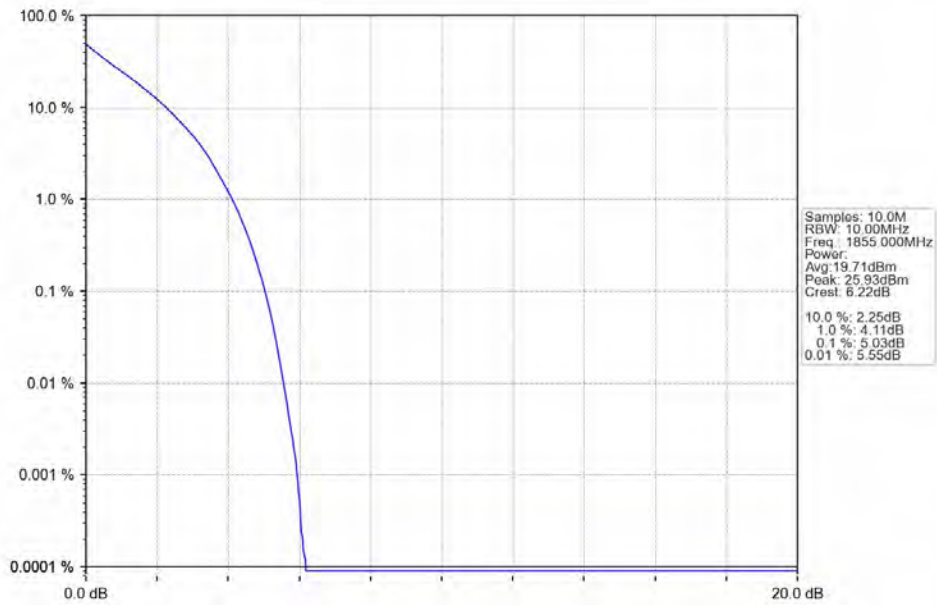
5.4.2 Test Graph



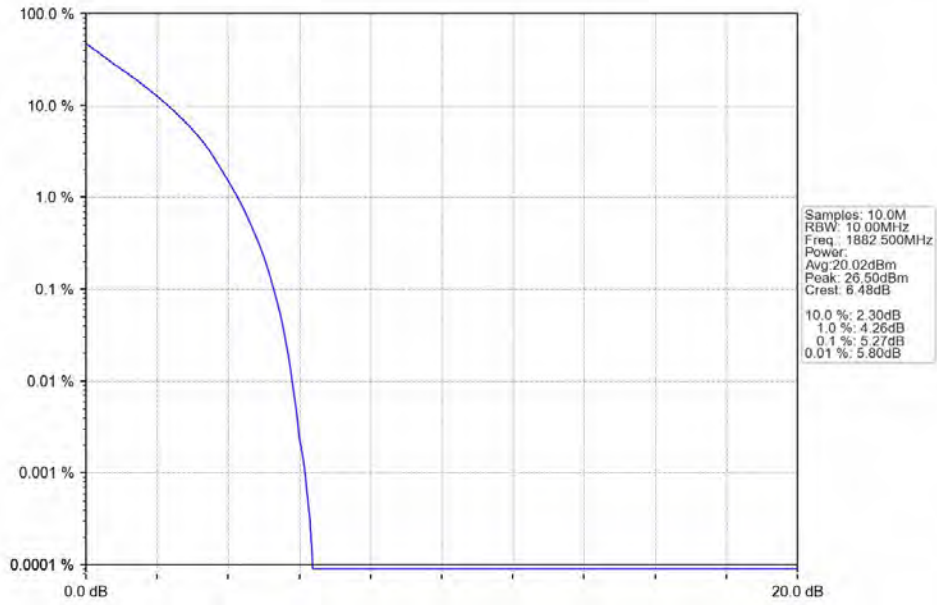
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTNV



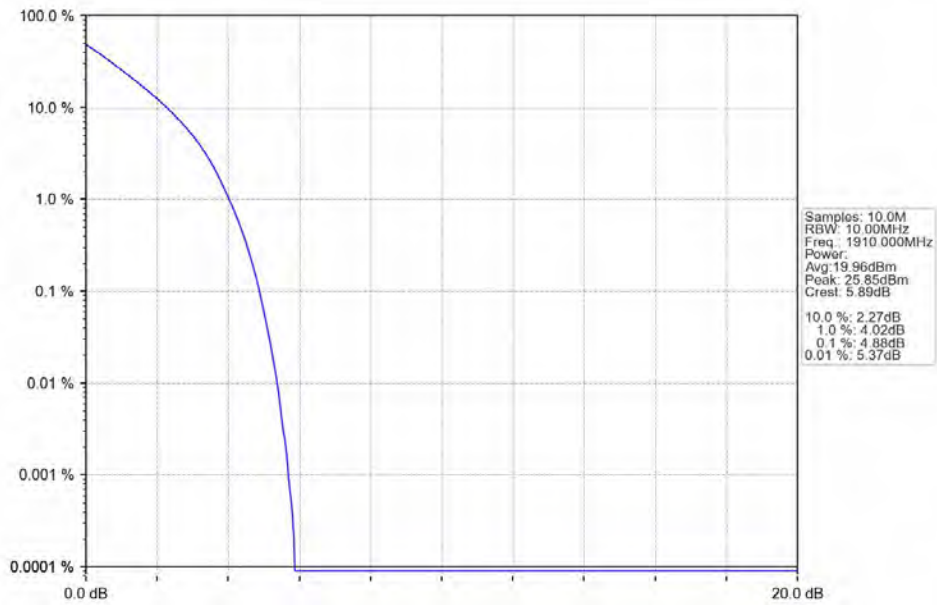
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



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



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





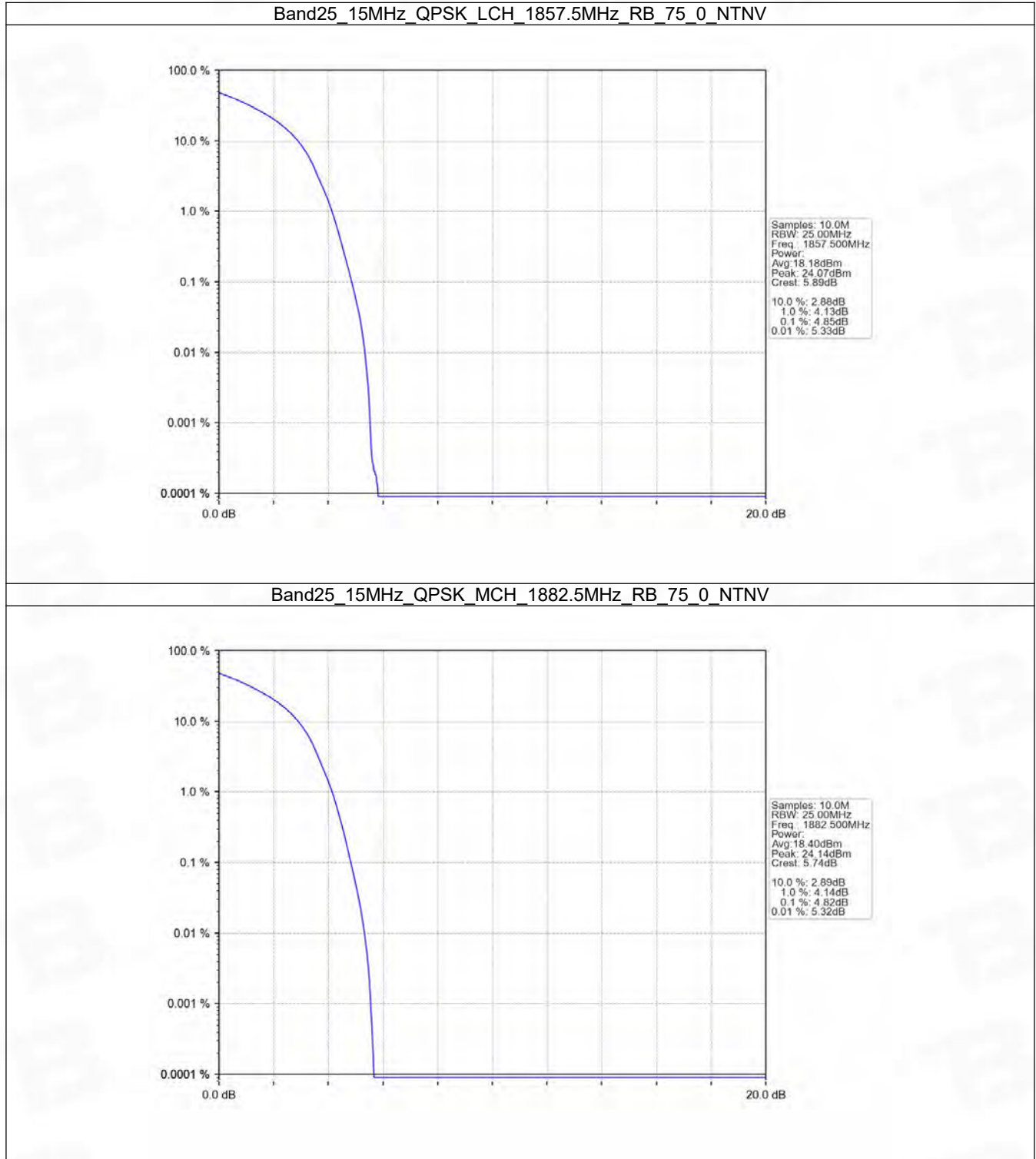


### 5.5 B25\_15MHz

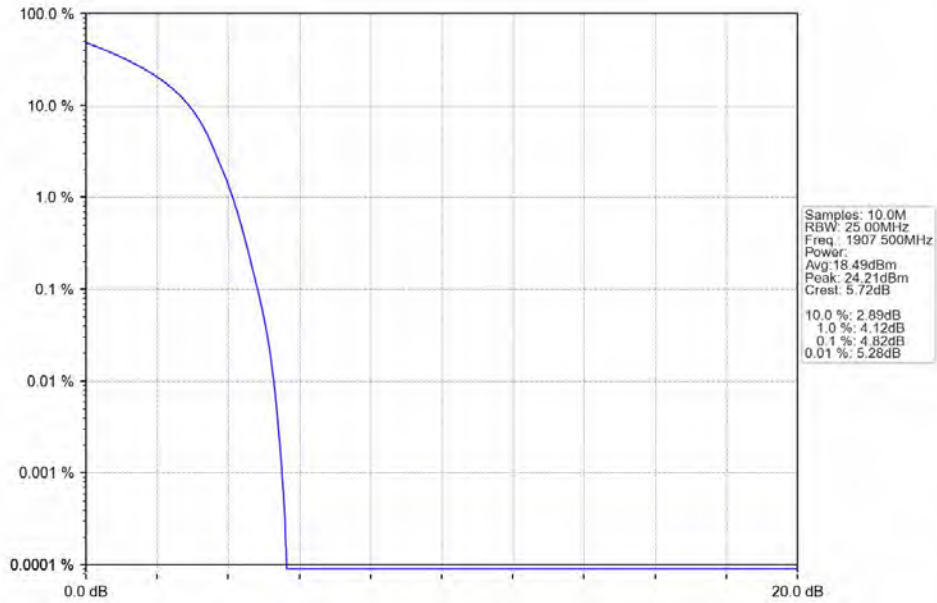
#### 5.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	4.85	<=13	Pass
	1882.5	75	0	4.82	<=13	Pass
	1907.5	75	0	4.82	<=13	Pass
16QAM	1857.5	75	0	6.01	<=13	Pass
	1882.5	75	0	6.13	<=13	Pass
	1907.5	75	0	6.00	<=13	Pass

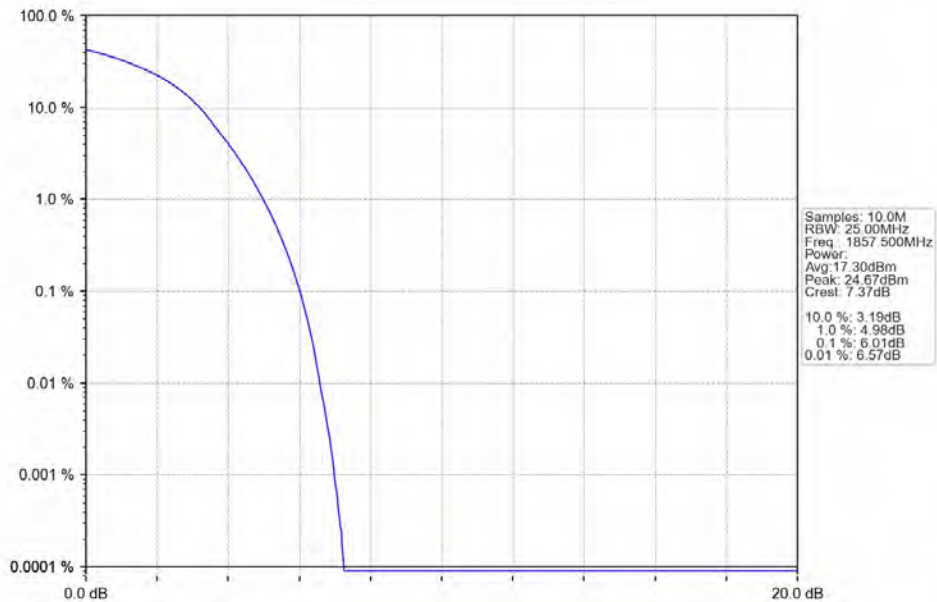
5.5.2 Test Graph



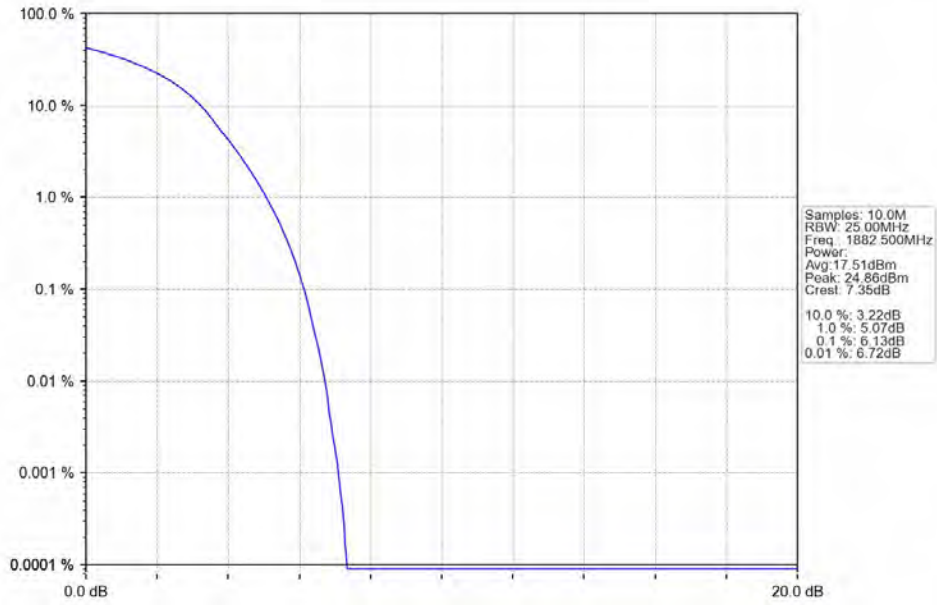
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



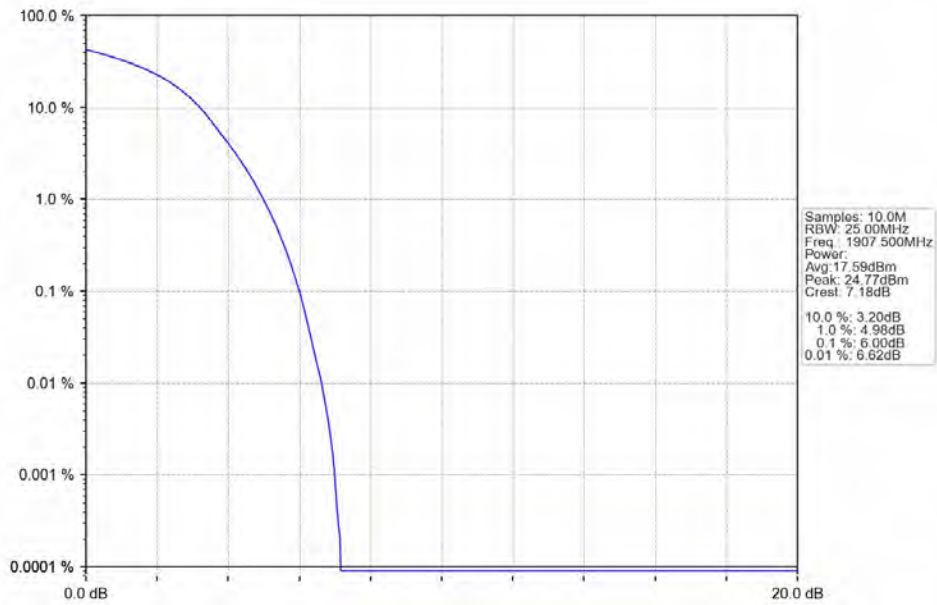
Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



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



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



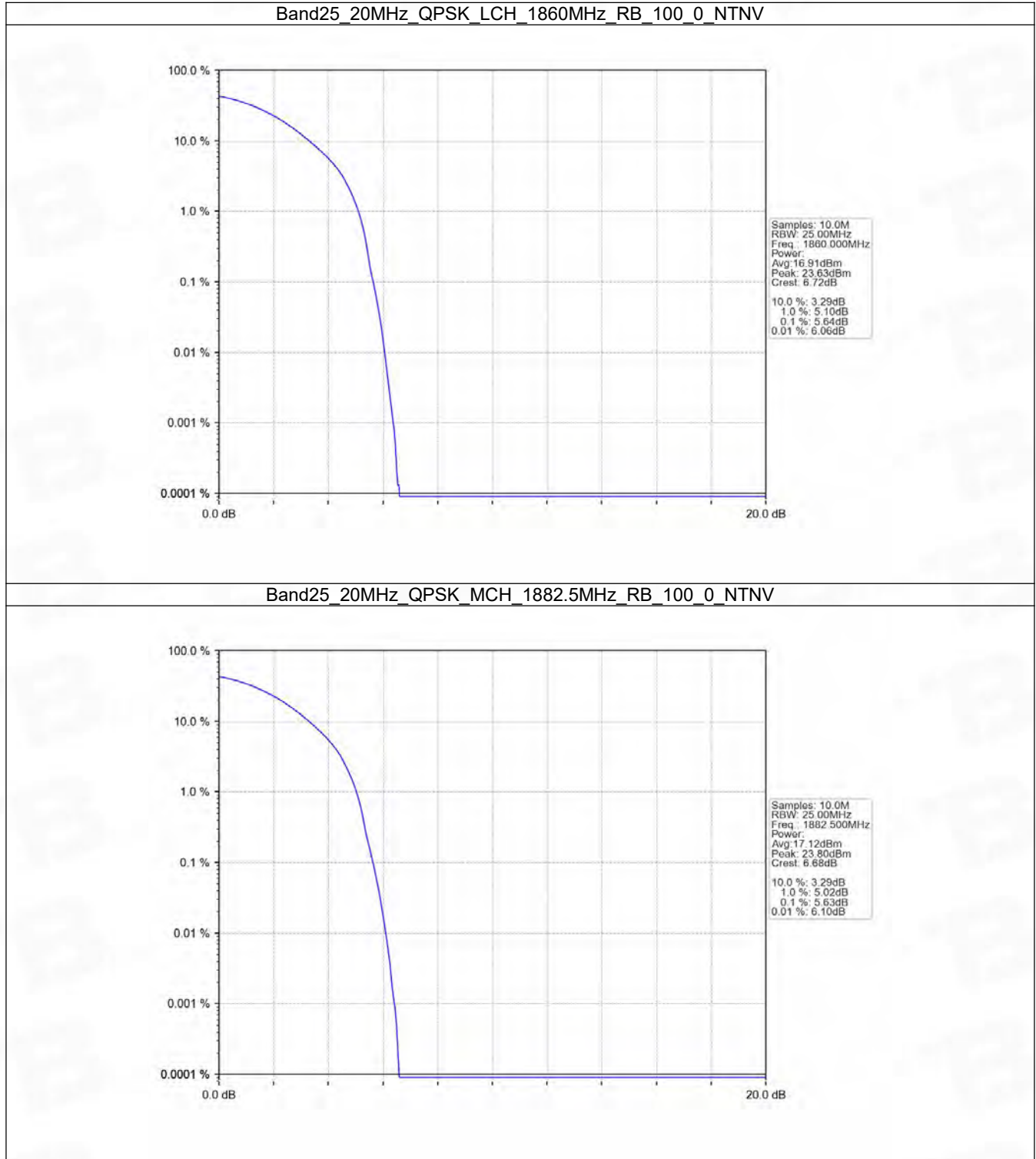


### 5.6 B25\_20MHz

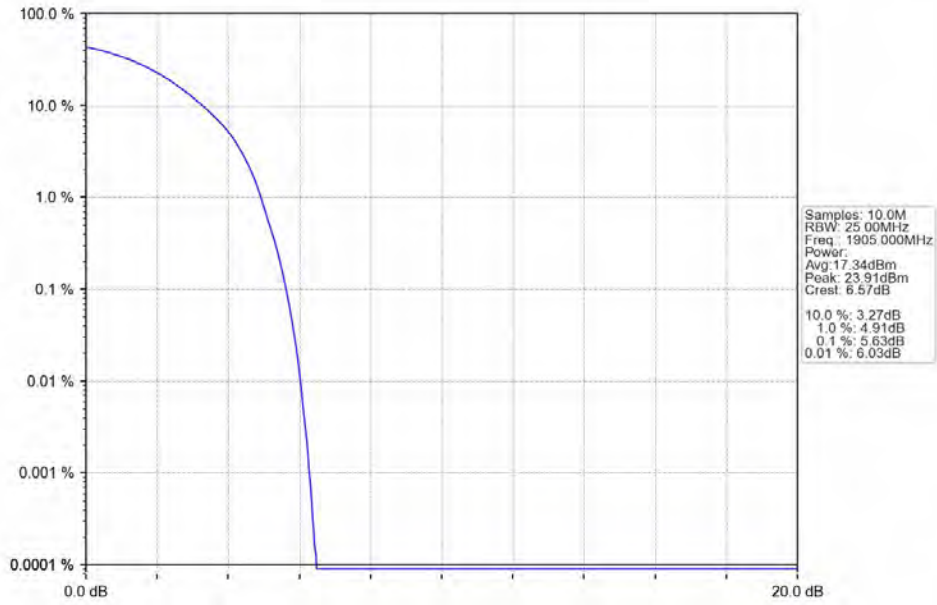
#### 5.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTV						
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	5.63	<=13	Pass
	1905	100	0	5.63	<=13	Pass
16QAM	1860	100	0	5.65	<=13	Pass
	1882.5	100	0	5.63	<=13	Pass
	1905	100	0	5.63	<=13	Pass

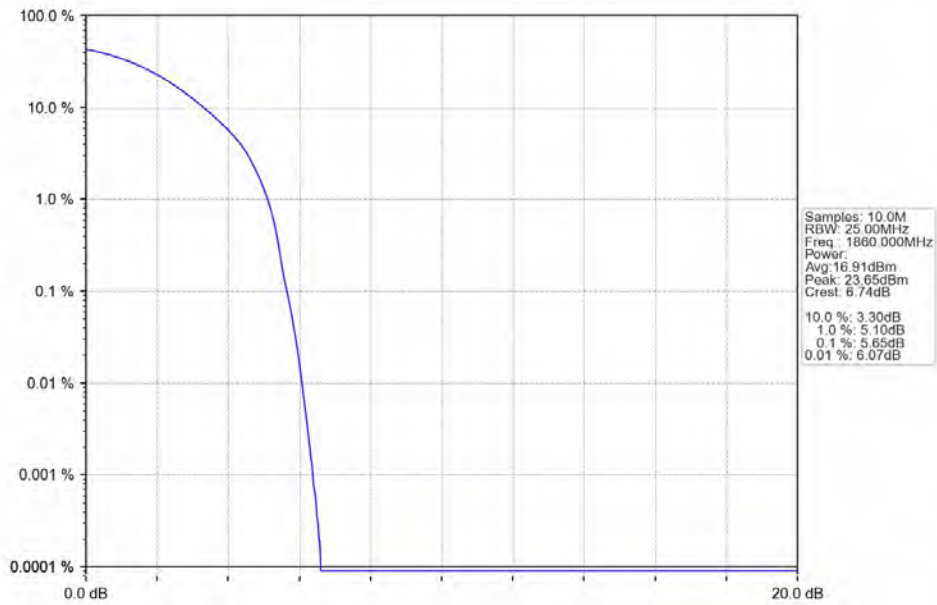
5.6.2 Test Graph



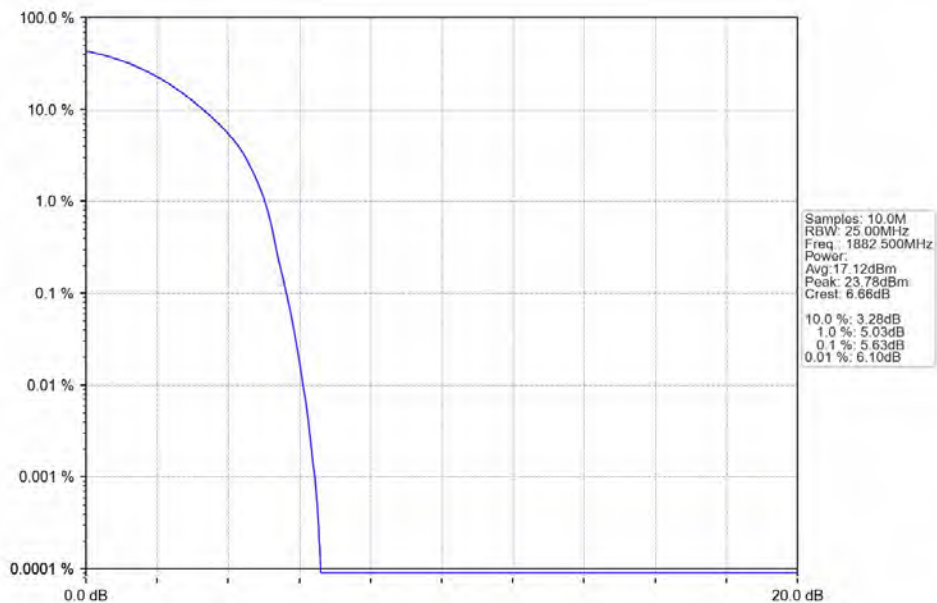
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV



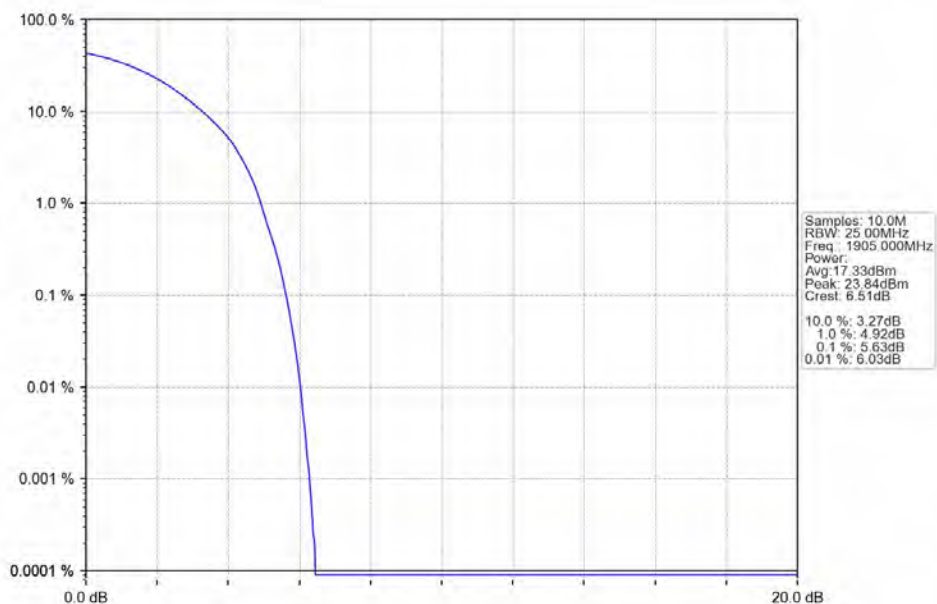
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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





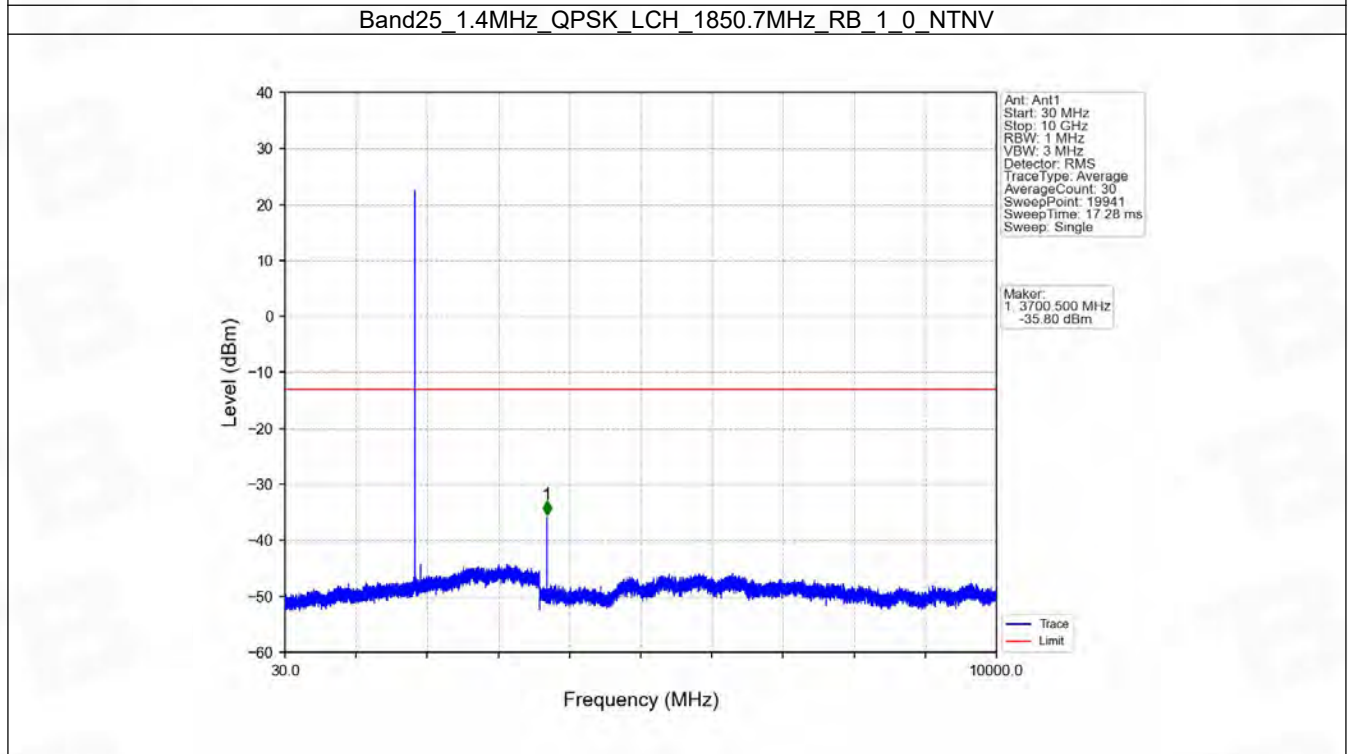
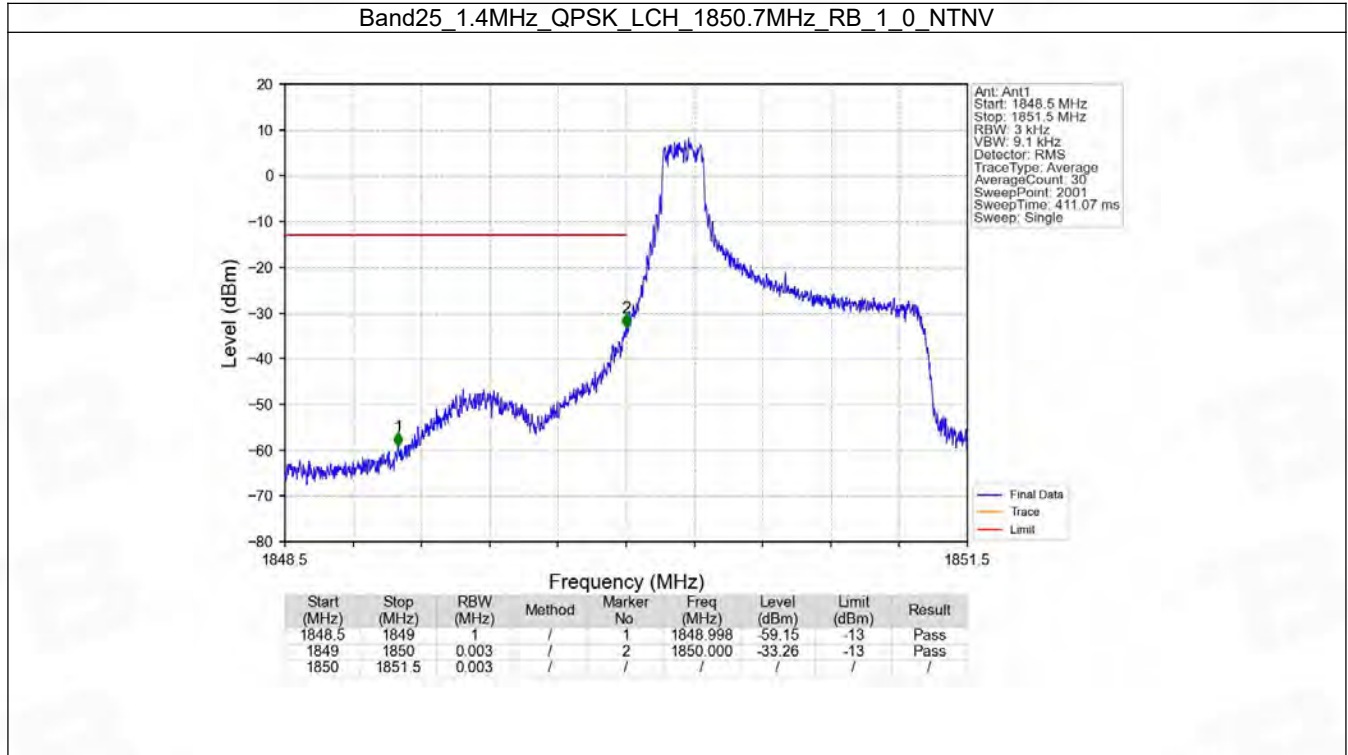
## 6. Spurious Emission

### 6.1 B25\_1.4MHz

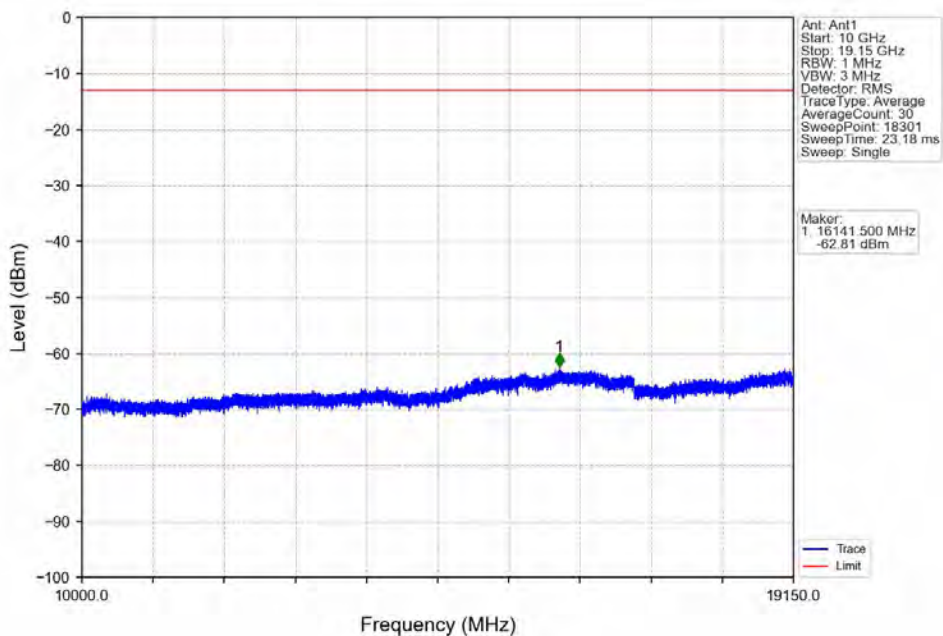
#### 6.1.1 Test Result

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

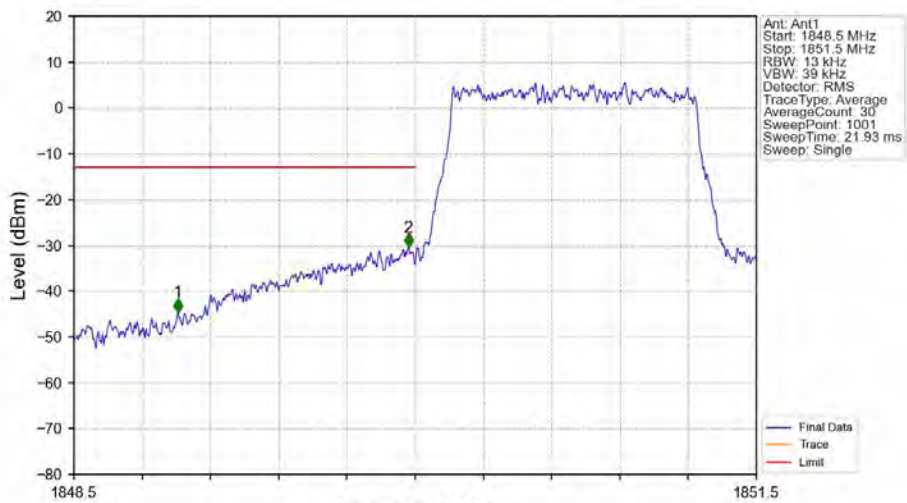
6.1.2 Test Graph



Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTN

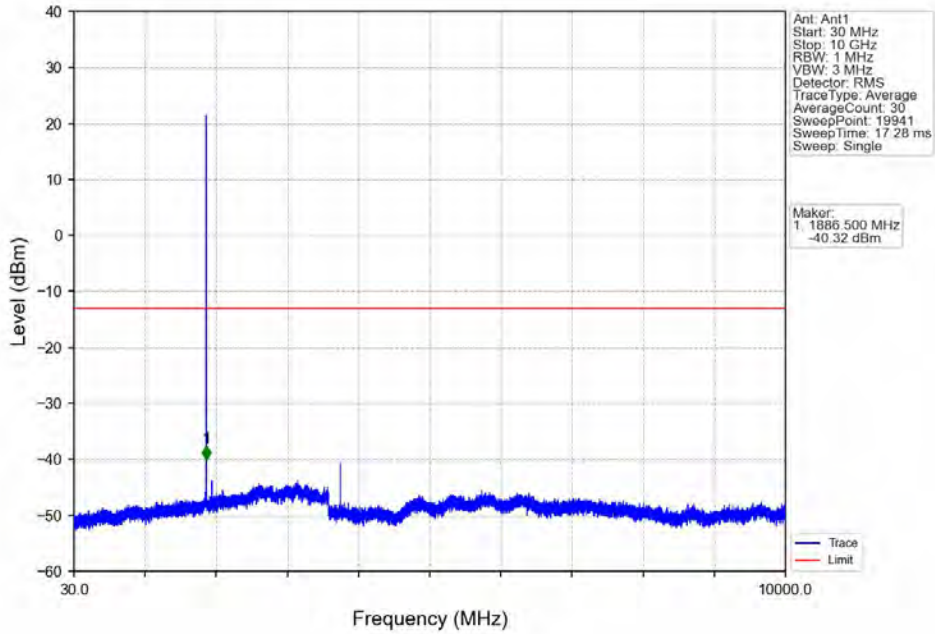


Band25 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTN

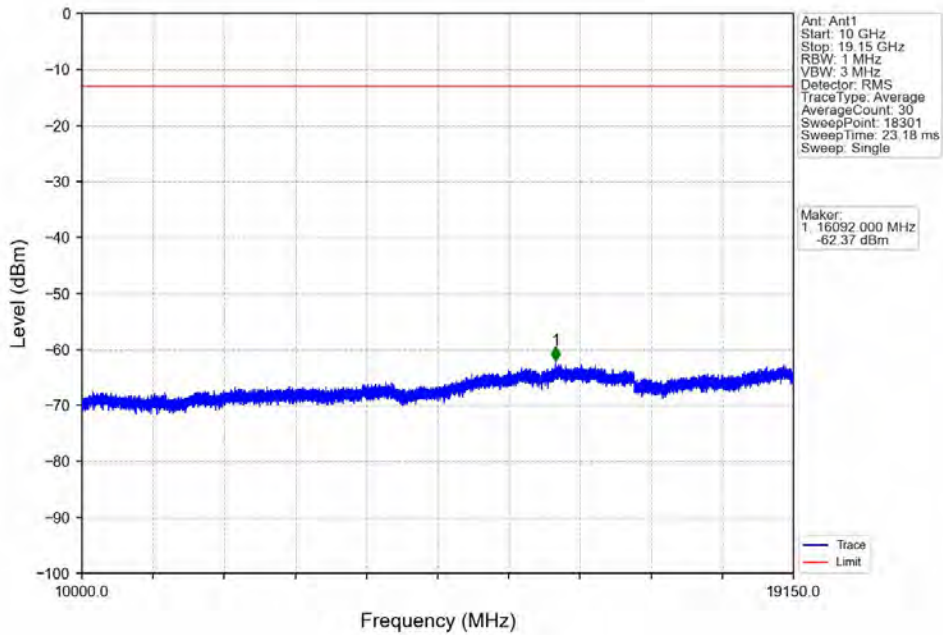


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.956	-44.63	-13	Pass
1849	1850	0.013	/	2	1849.970	-30.40	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

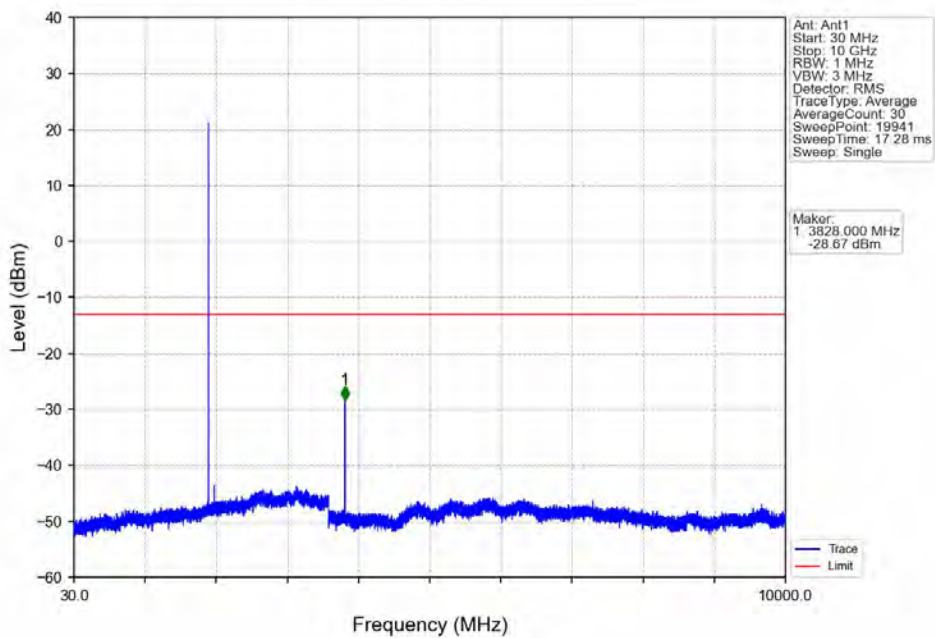
Band25\_1.4MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



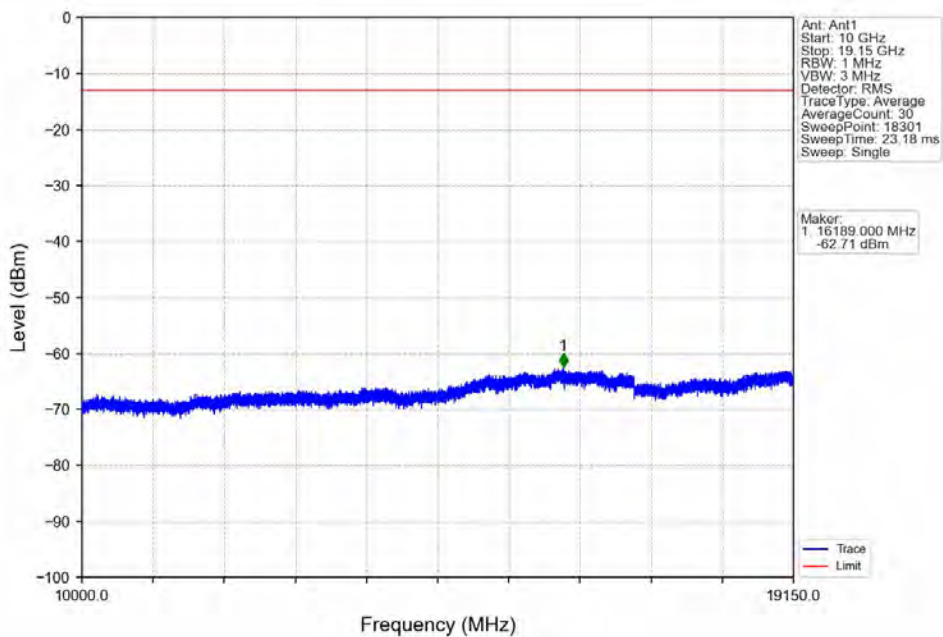
Band25\_1.4MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



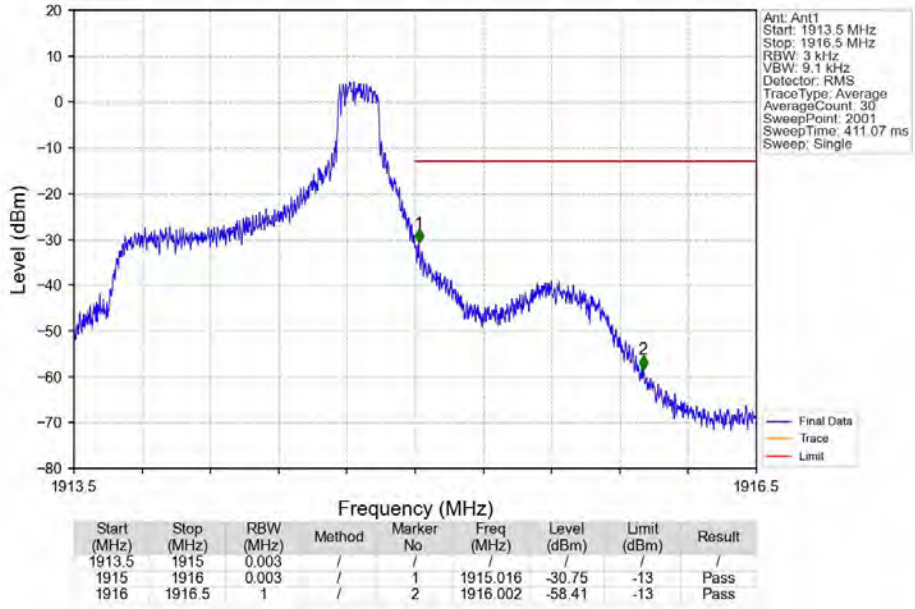
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV



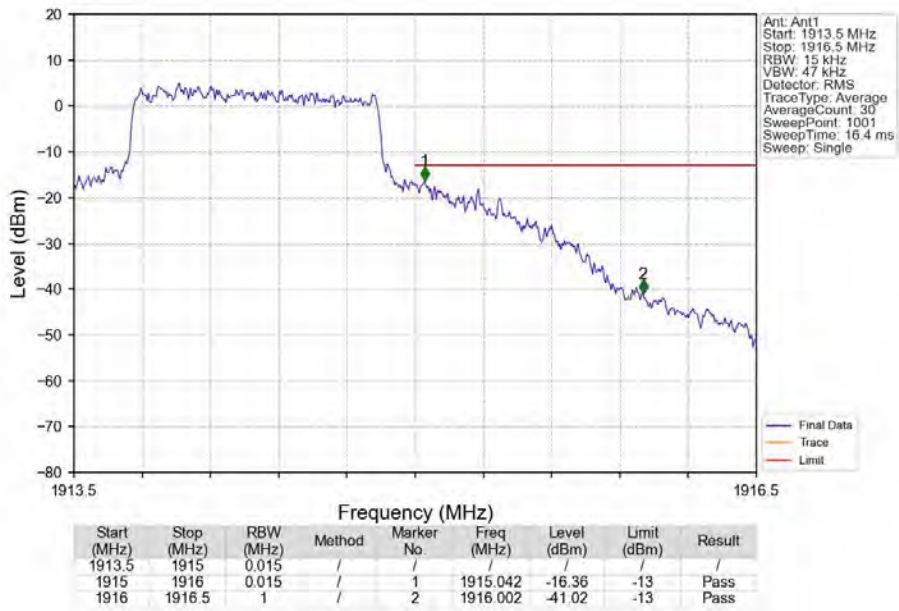
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV



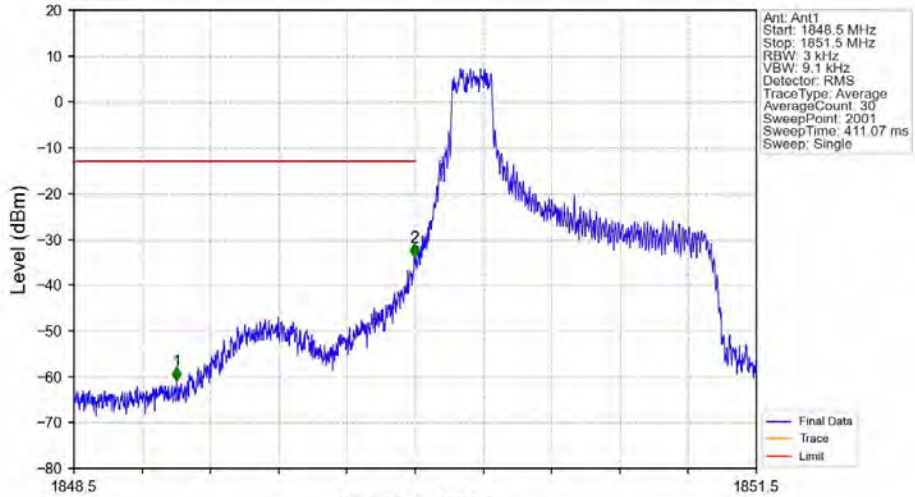
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 5 NTN



Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTN

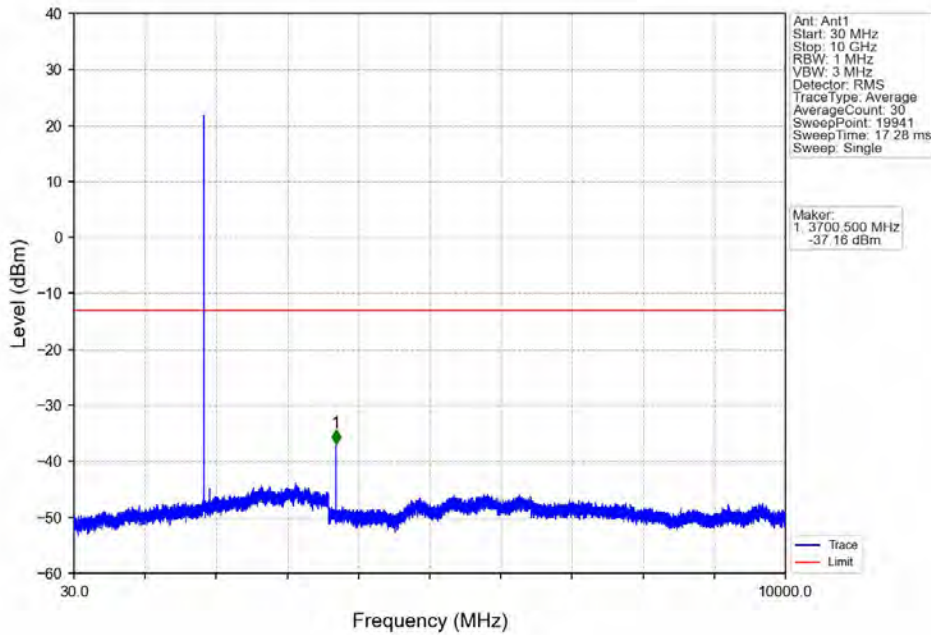


Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTVN

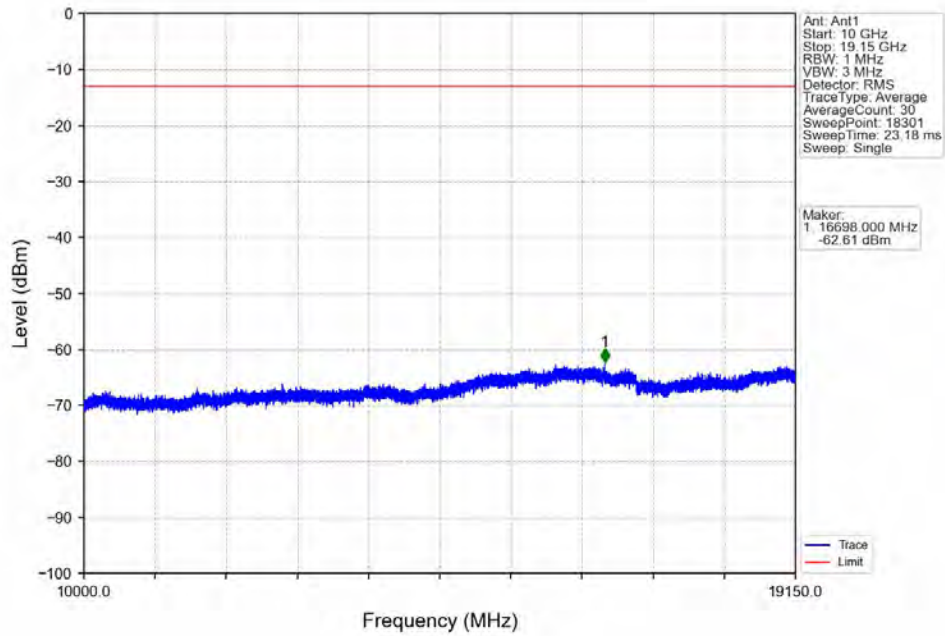


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.951	-61.01	-13	Pass
1849	1850	0.003	/	2	1849.997	-34.02	-13	Pass
1850	1851.5	0.003	/	/	/	/	/	/

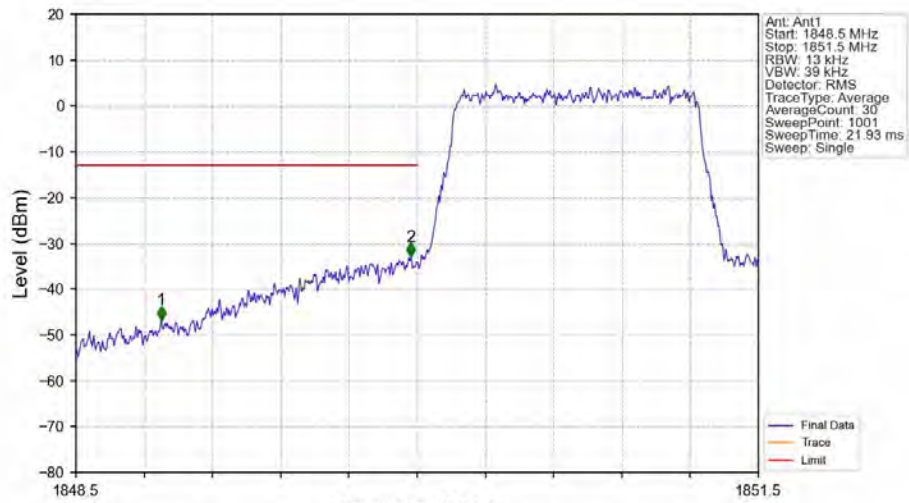
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTVN



Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTVN



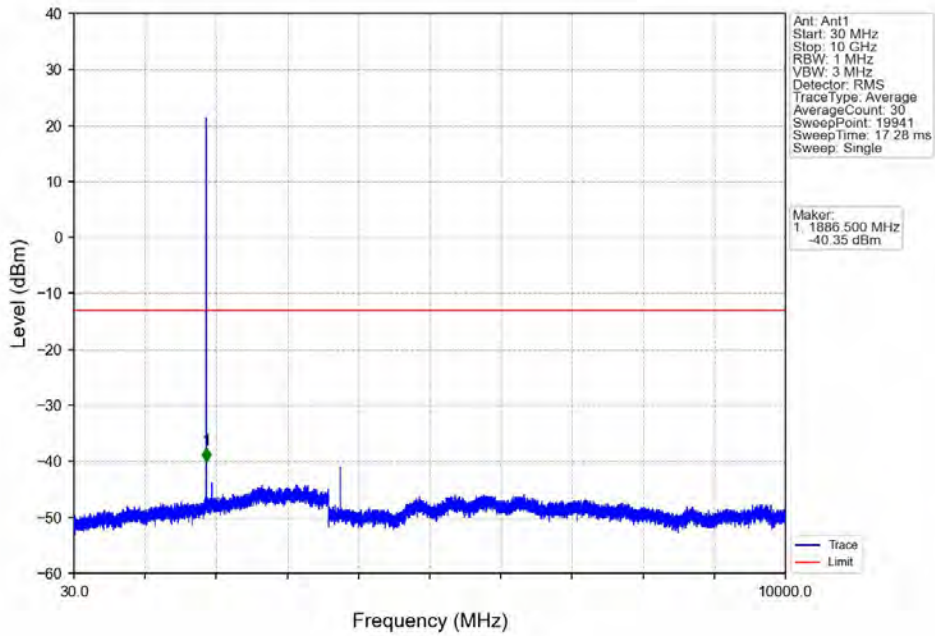
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTVN



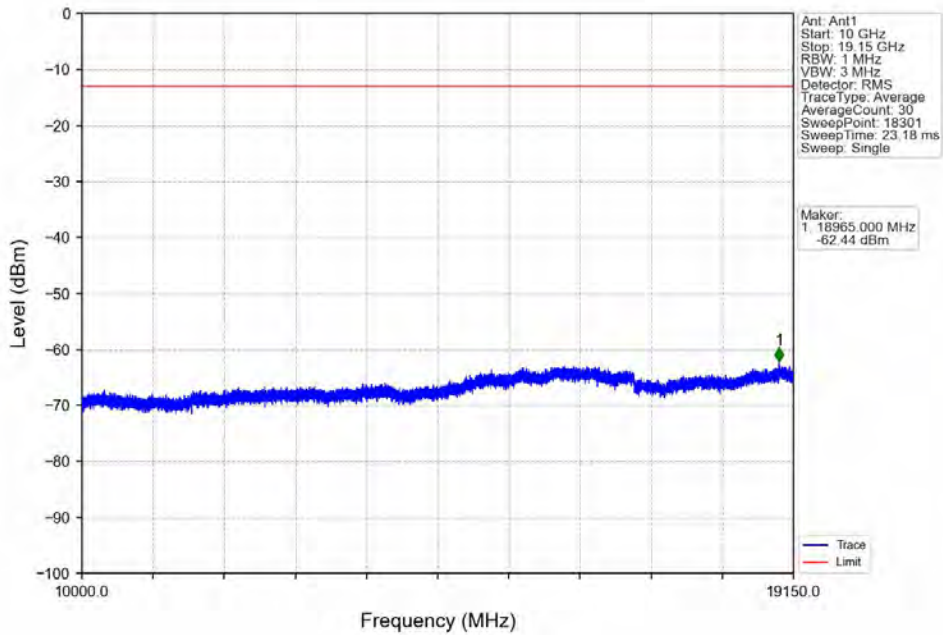
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.875	-46.78	-13	Pass
1849	1850	0.013	/	2	1849.973	-32.90	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/



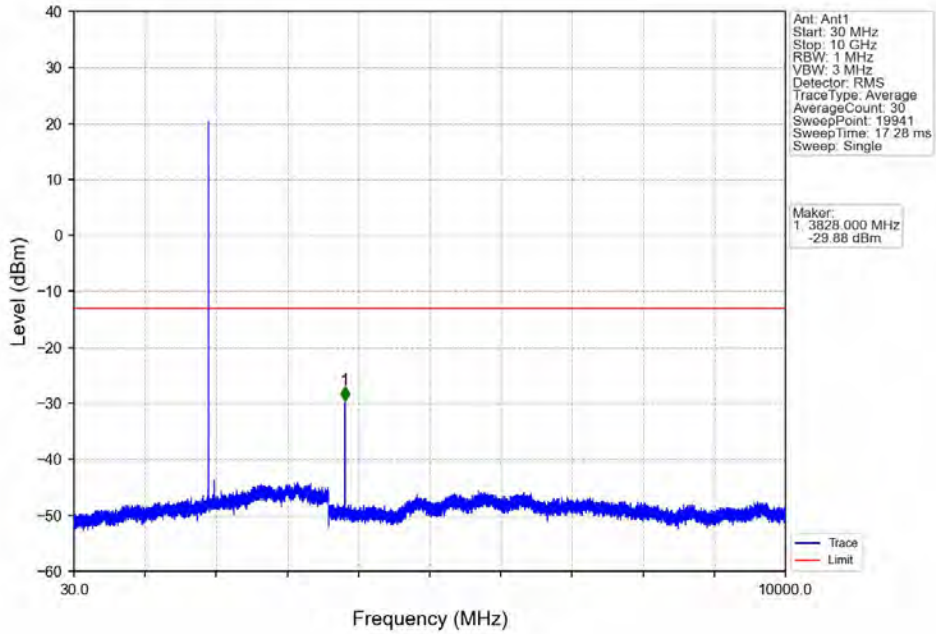
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



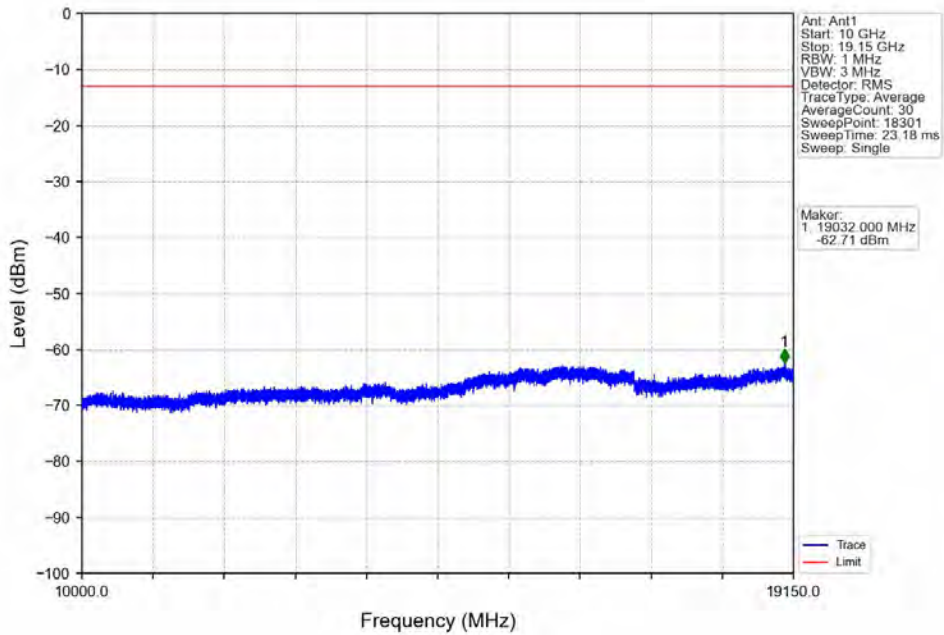
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



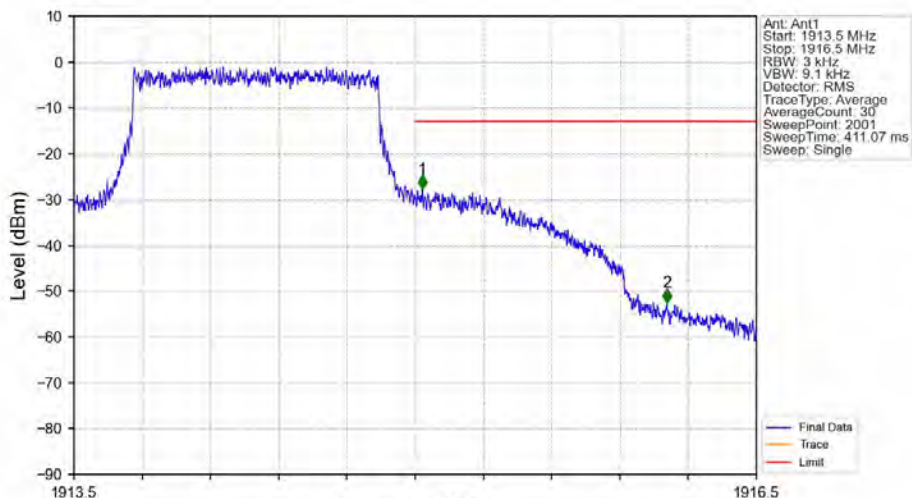
Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV



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

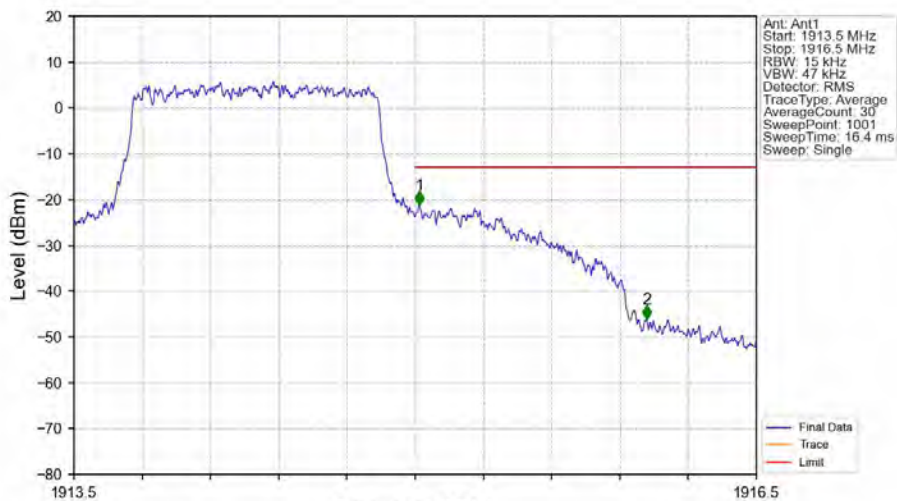


Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_1\_5\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1913.5	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.032	-27.76	-13	Pass
1916	1916.5	1	/	2	1916.107	-52.53	-13	Pass

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



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1913.5	1915	0.015	/	/	/	/	/	/
1915	1916	0.015	/	1	1915.018	-21.35	-13	Pass
1916	1916.5	1	/	2	1916.017	-46.10	-13	Pass

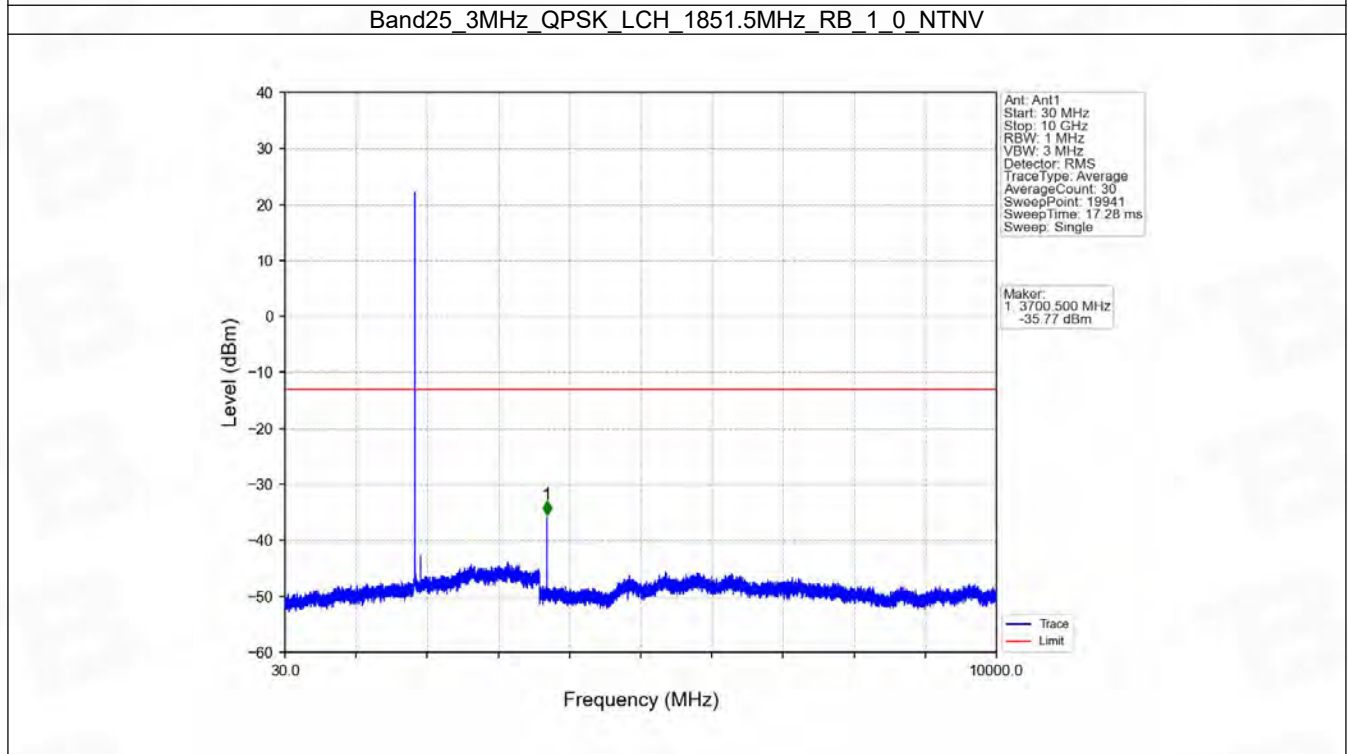
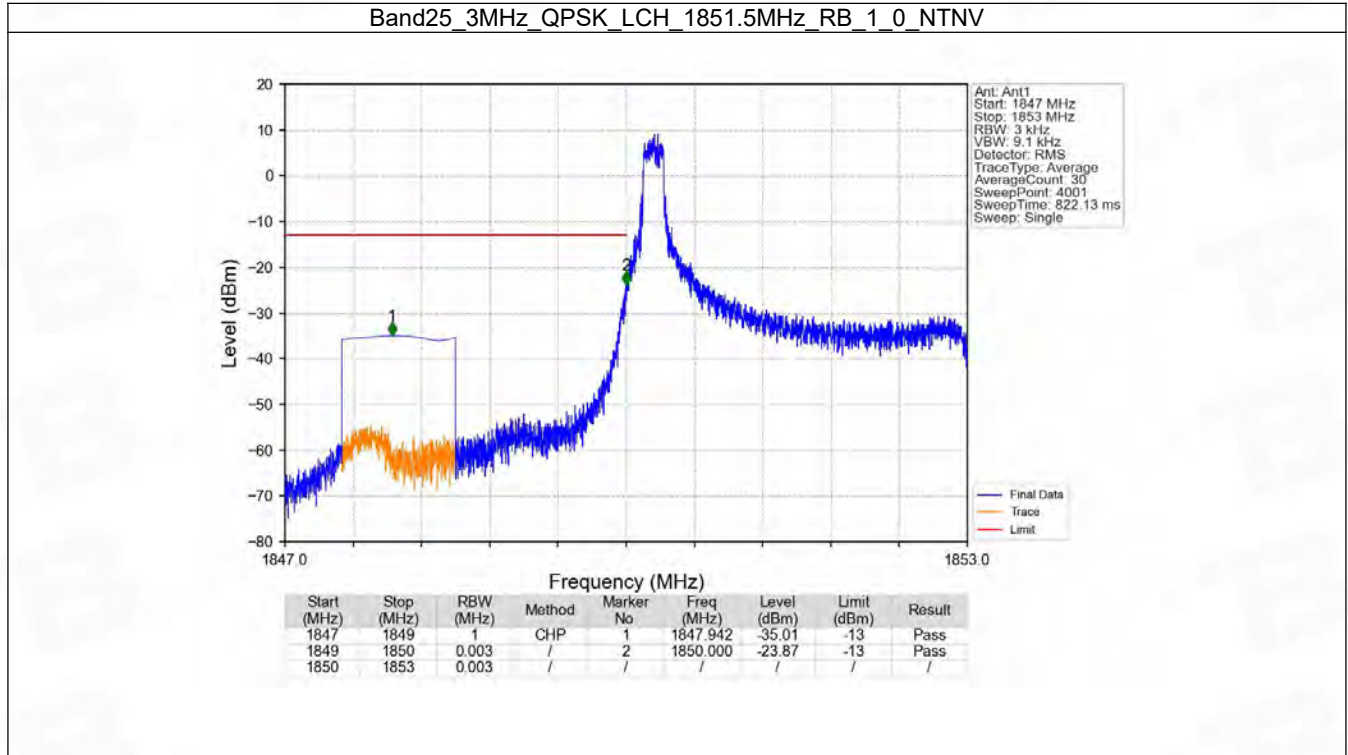


6.2 B25\_3MHz

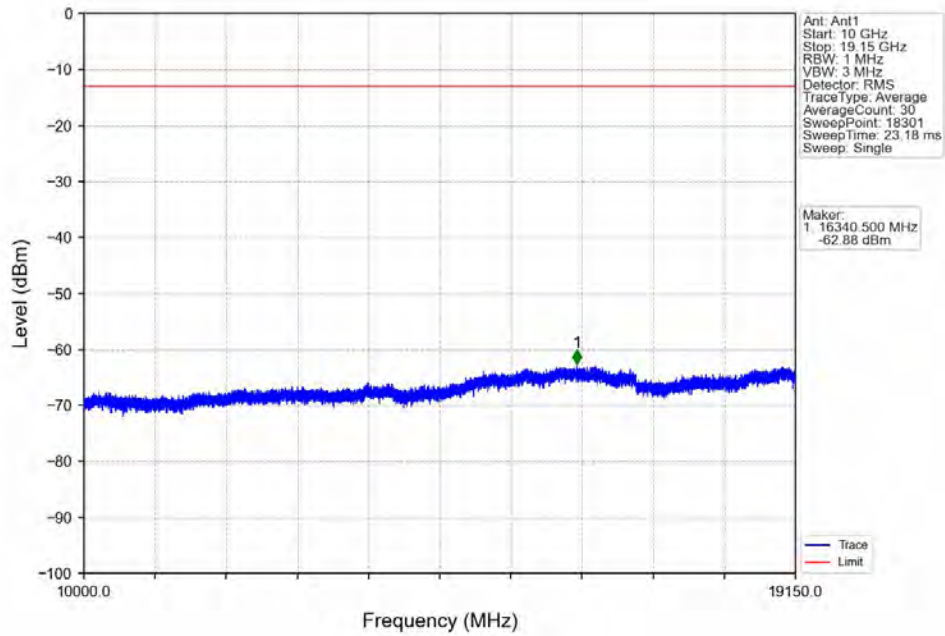
6.2.1 Test Result

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
	1882.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			14	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
	1882.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	14		Refer To Test Graph		Pass	
		15	0	Refer To Test Graph		Pass

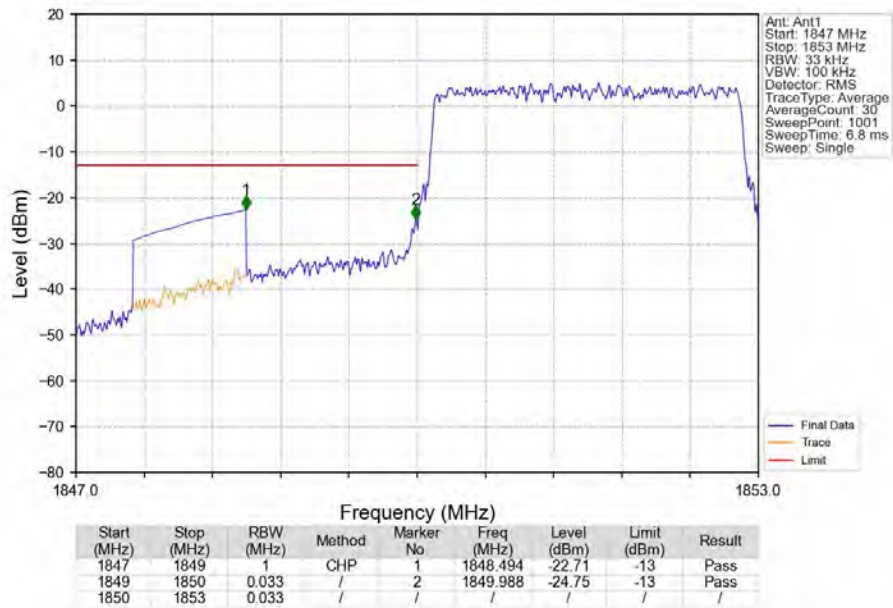
6.2.2 Test Graph



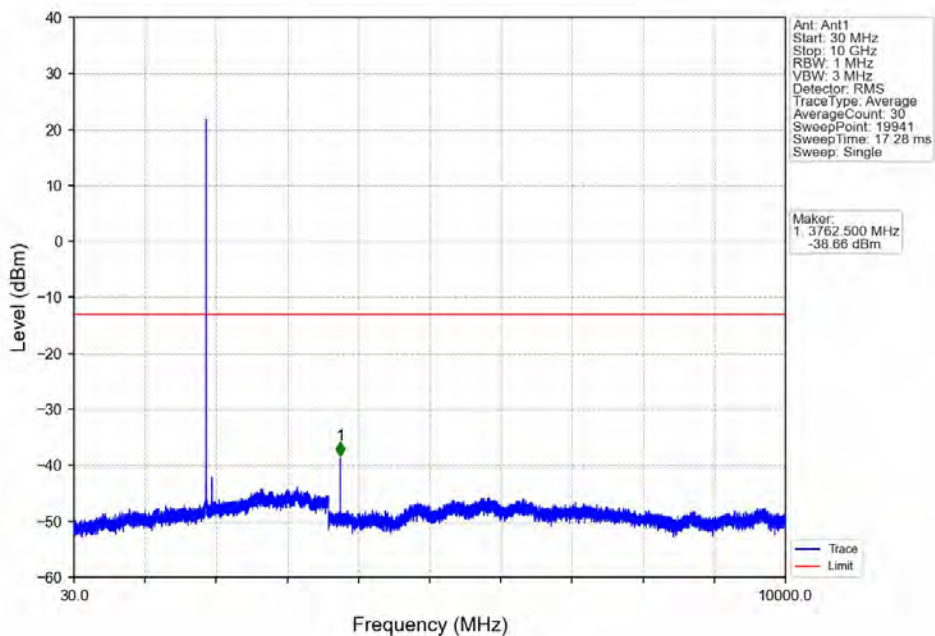
Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



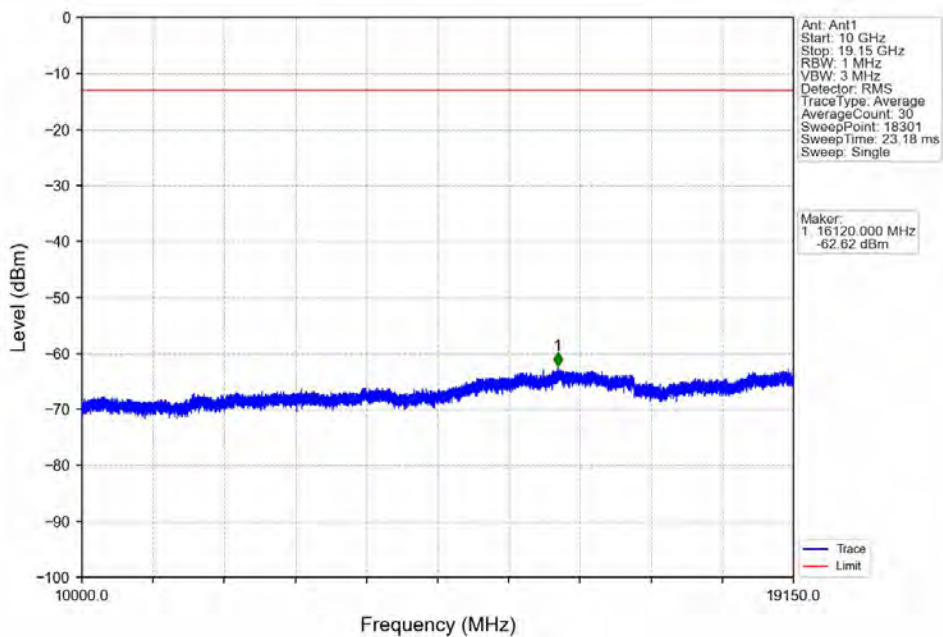
Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



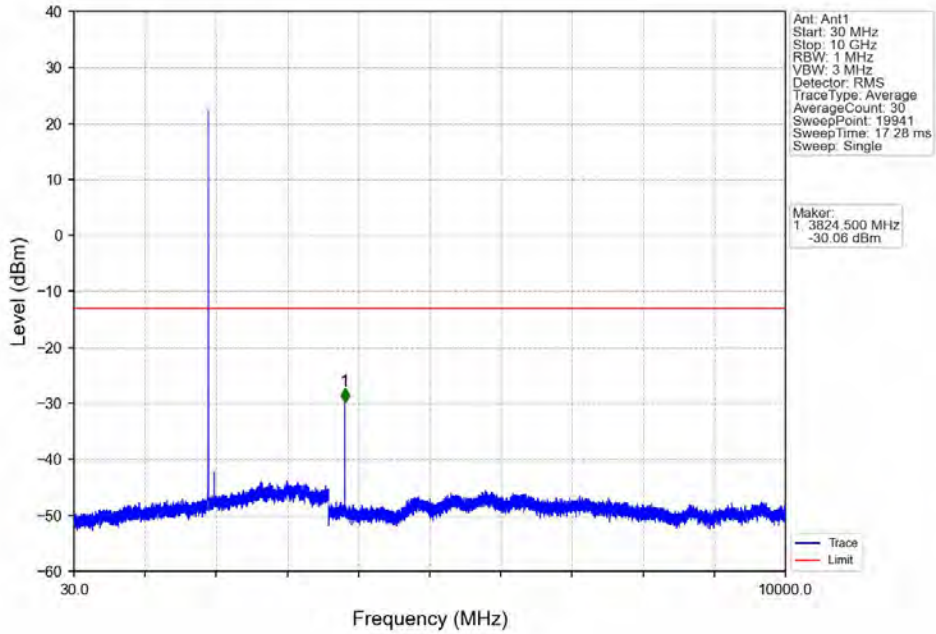
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



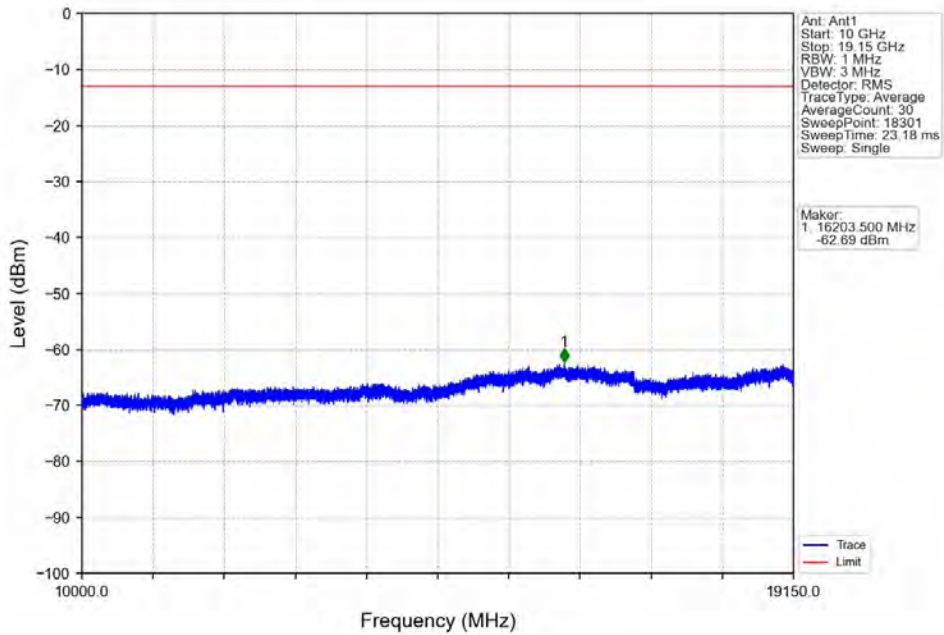
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



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

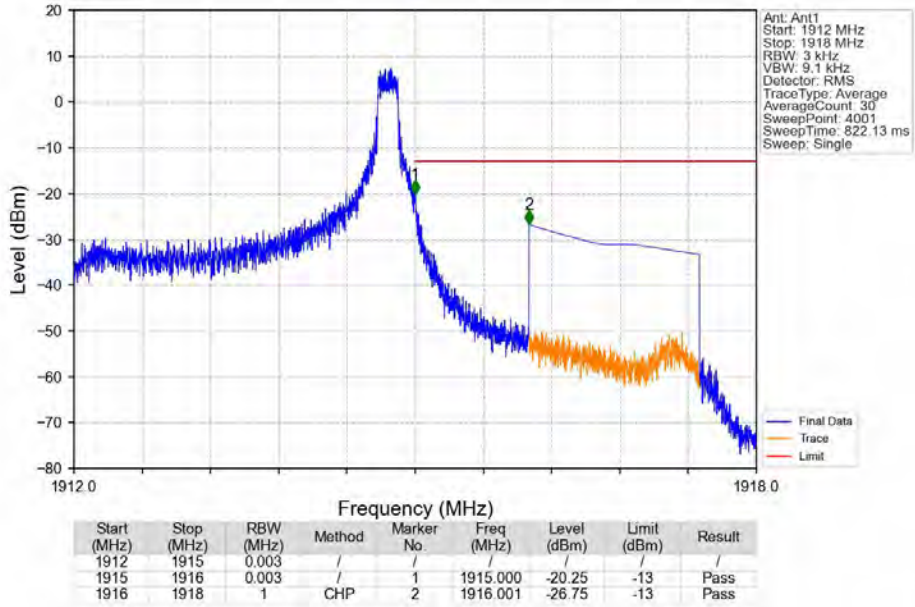


Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_1\_0\_NTNV

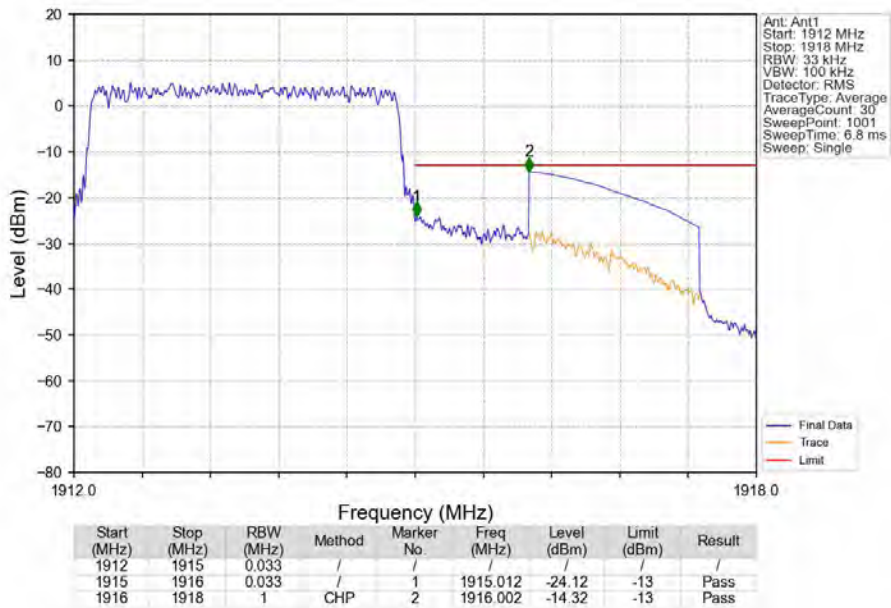




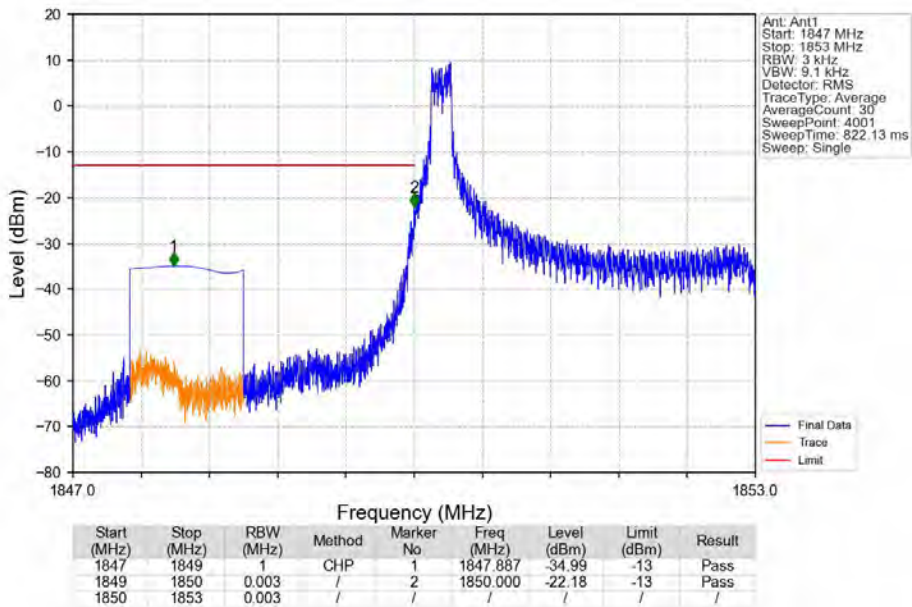
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_1\_14\_NTNV



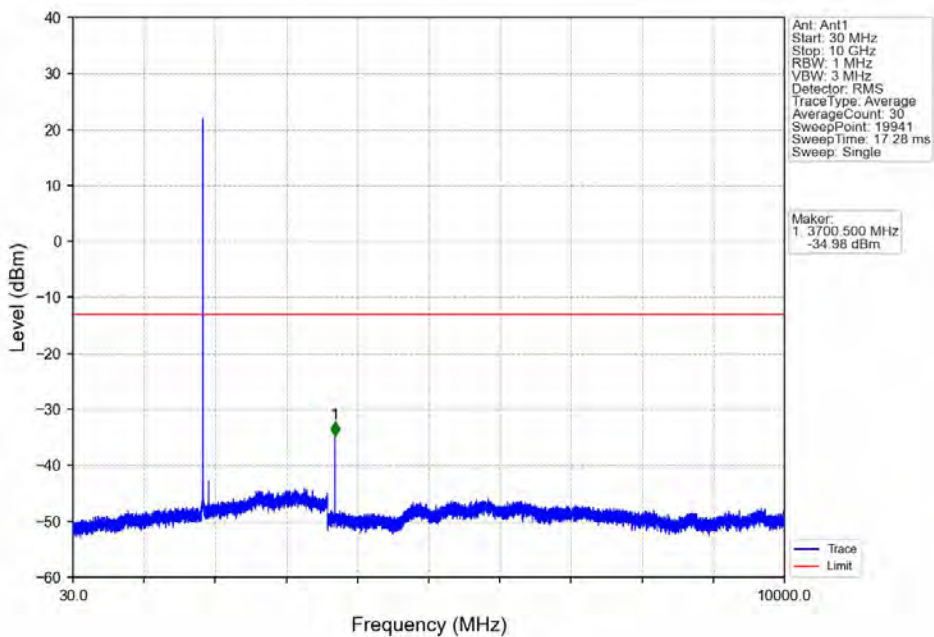
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



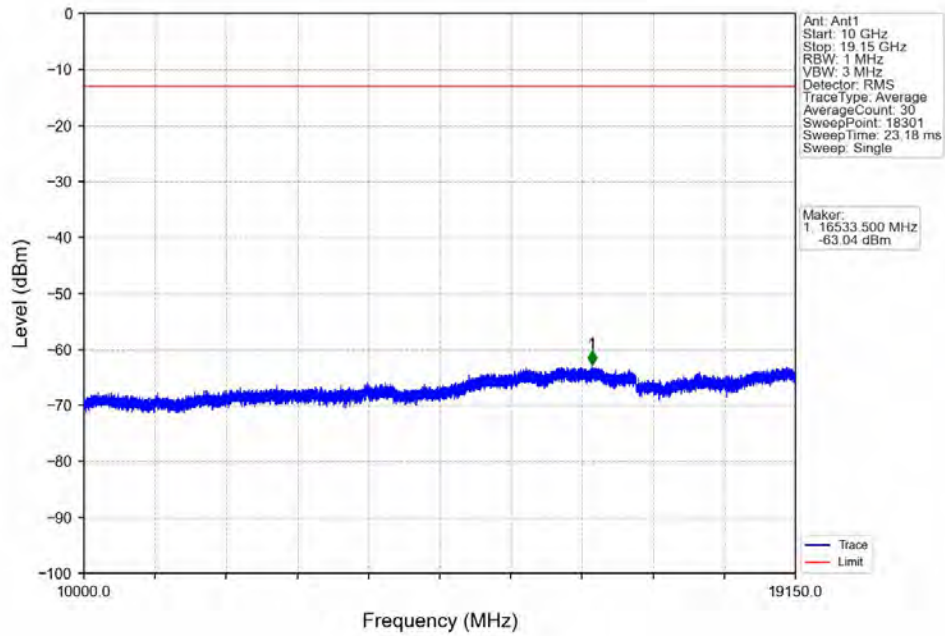
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



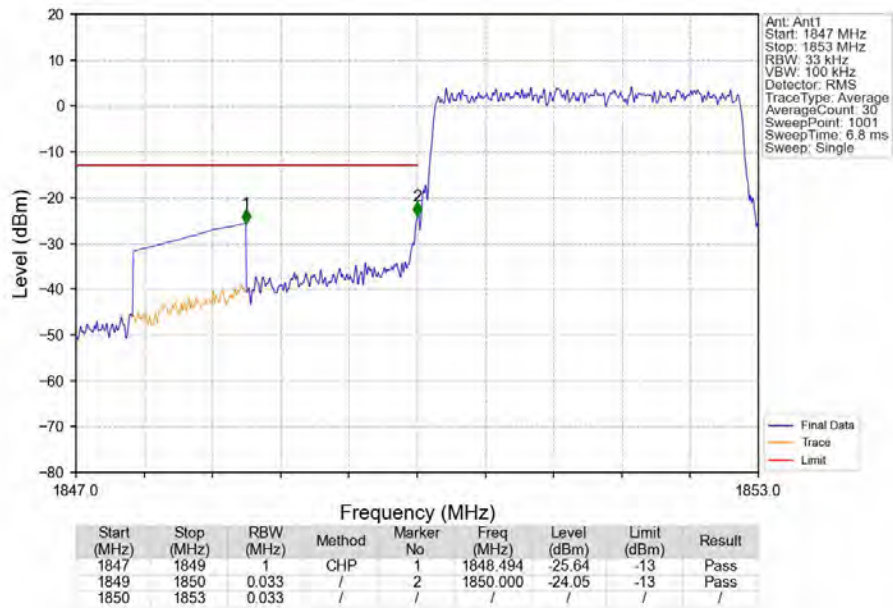
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



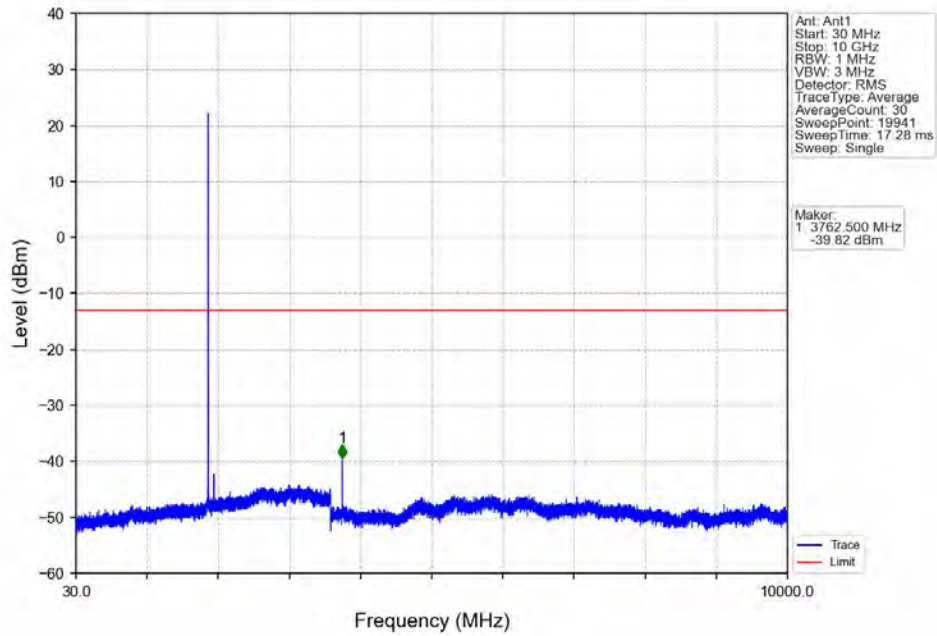
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



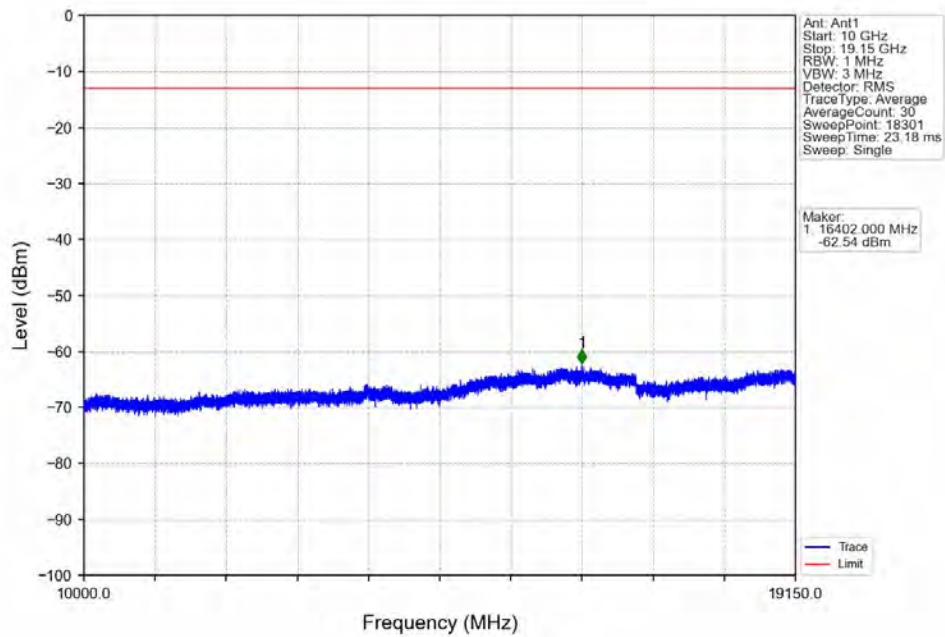
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



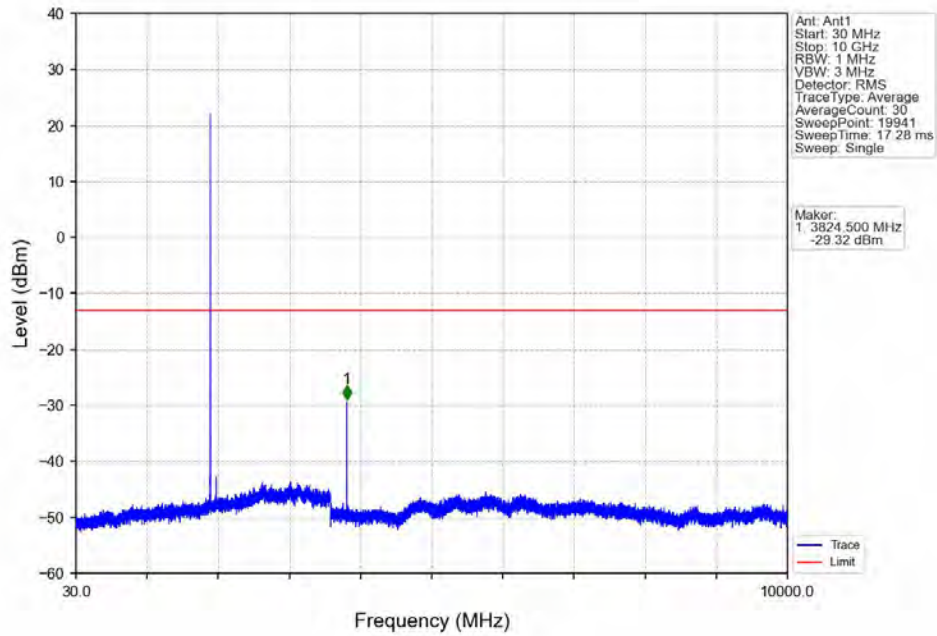
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



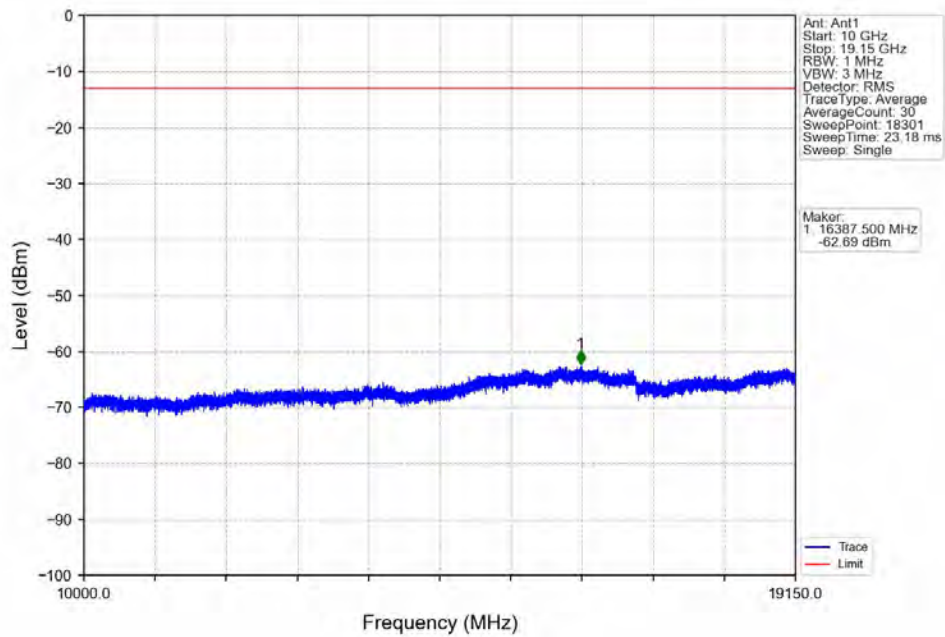
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



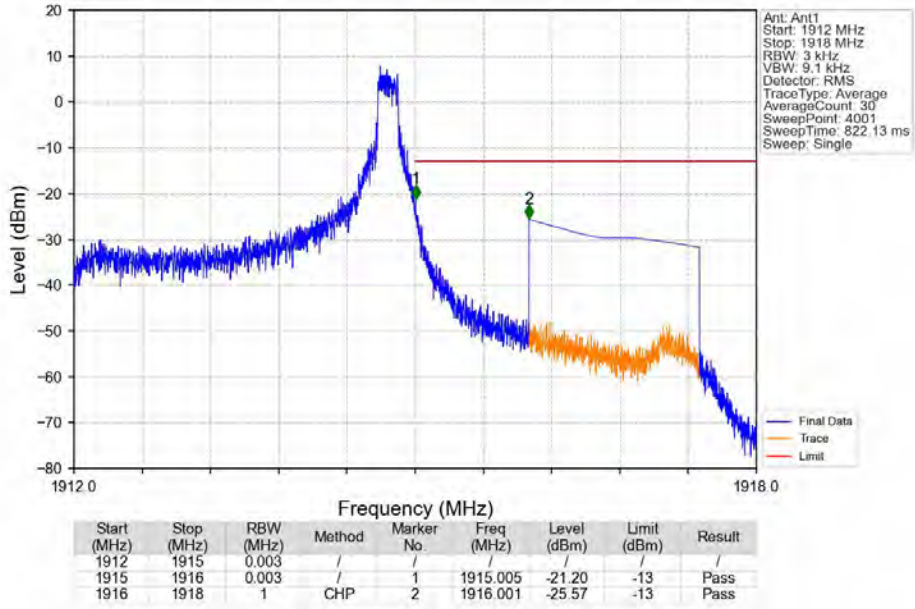
Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_1\_0\_NTNV



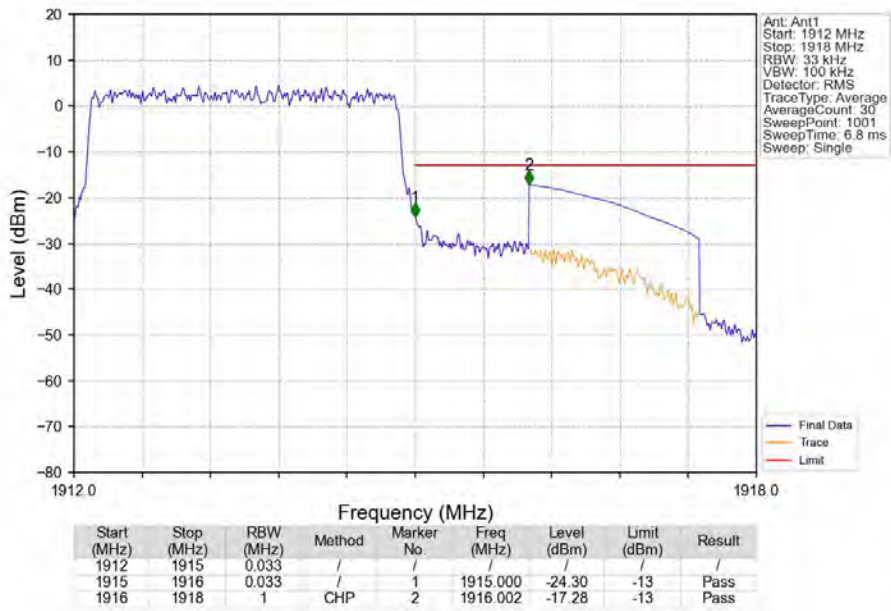
Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_1\_0\_NTNV



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



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



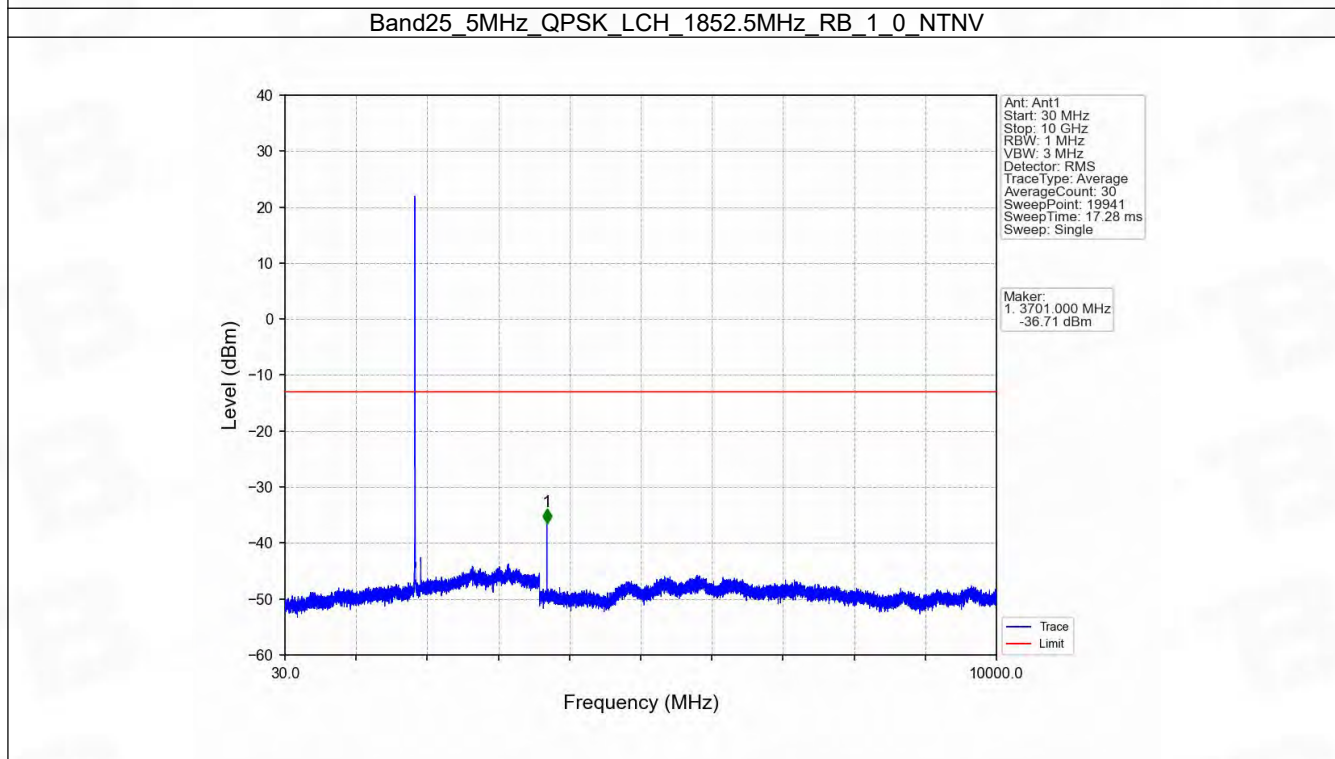
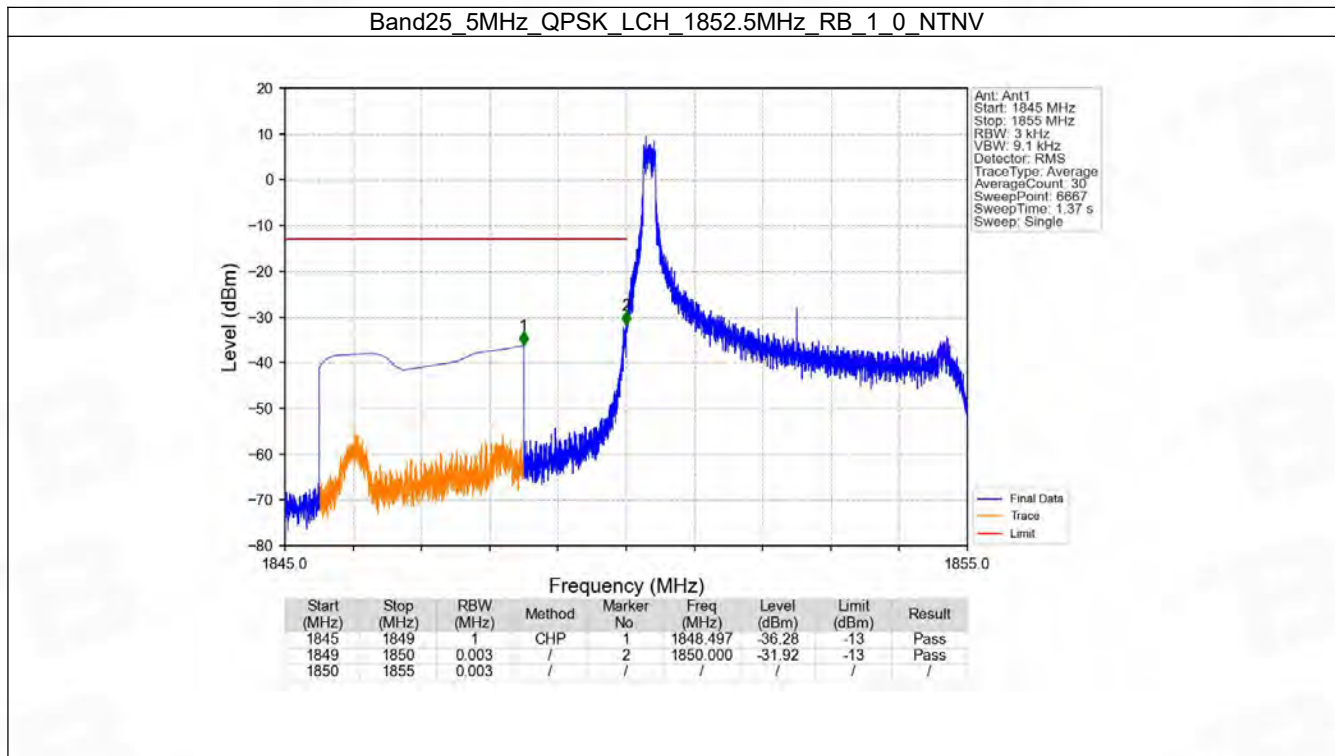


### 6.3 B25\_5MHz

#### 6.3.1 Test Result

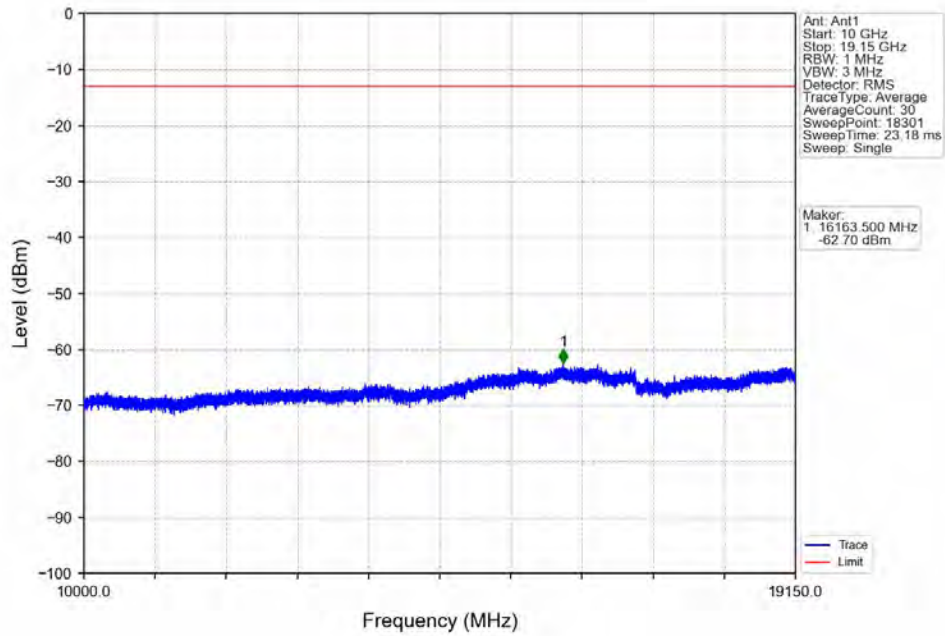
Band: 25 / Bandwidth: 5MHz / NTV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1852.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1912.5	1	0	Refer To Test Graph		Pass
				24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass	
16QAM	1852.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	1882.5	1	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	

6.3.2 Test Graph

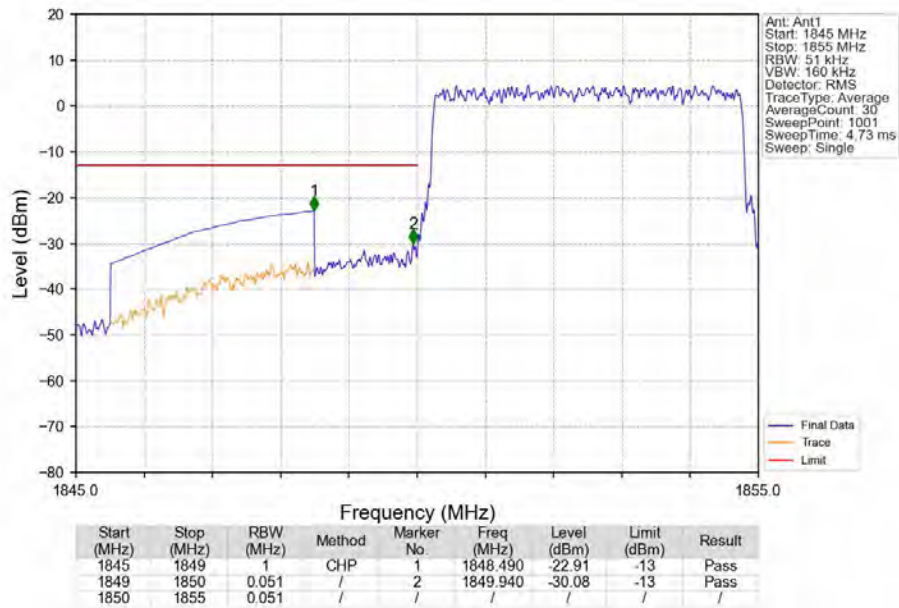




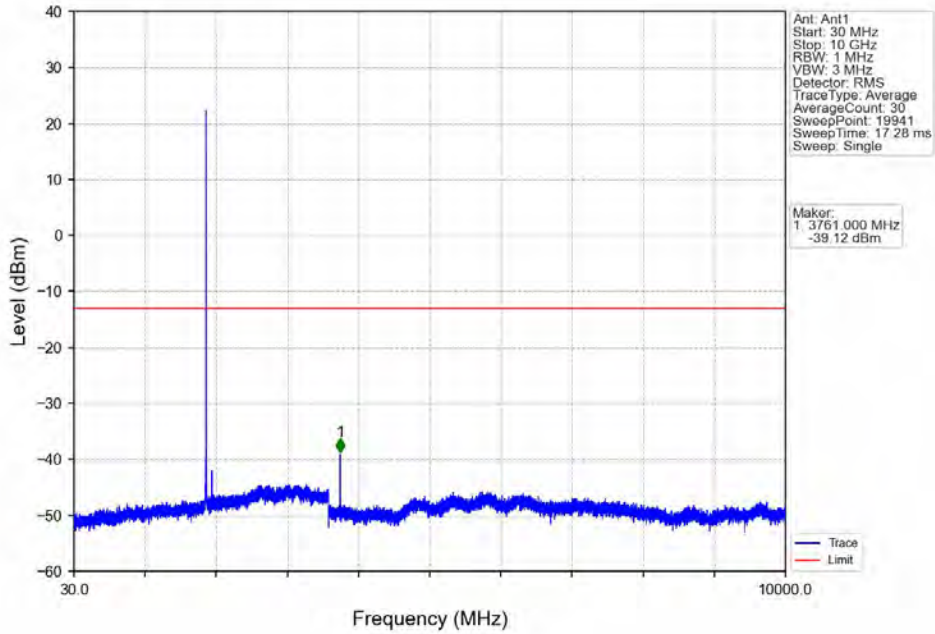
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



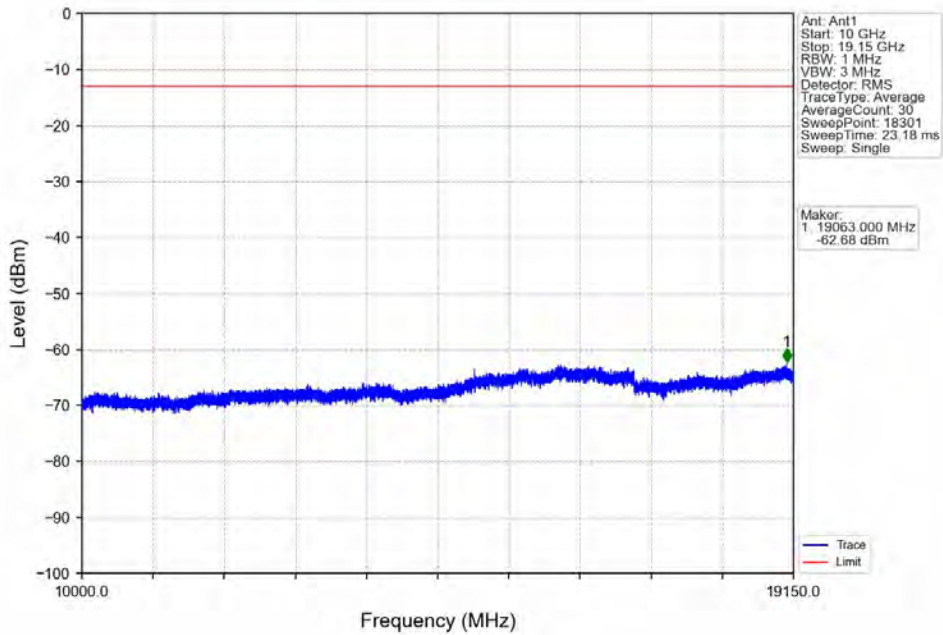
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



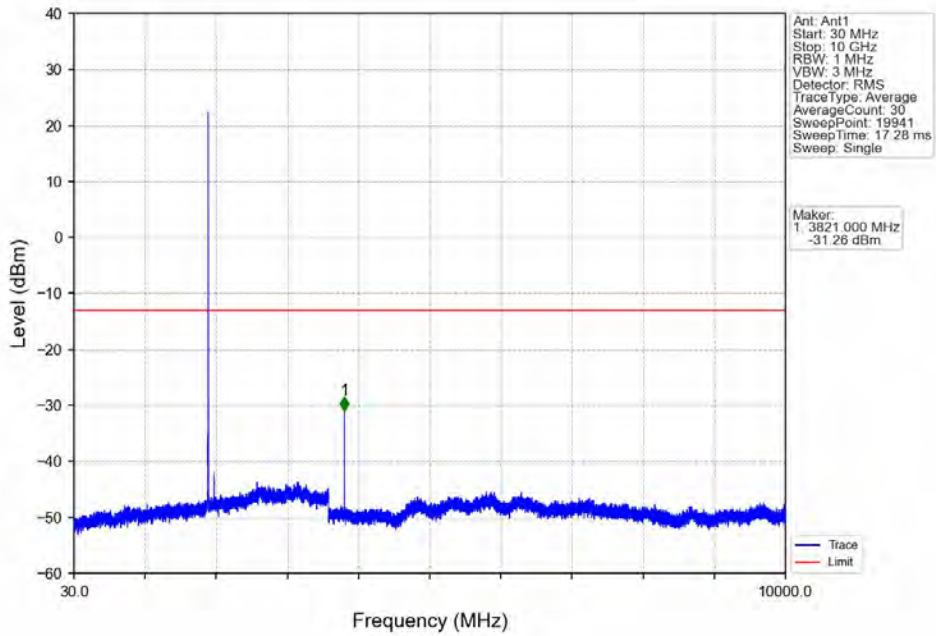
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



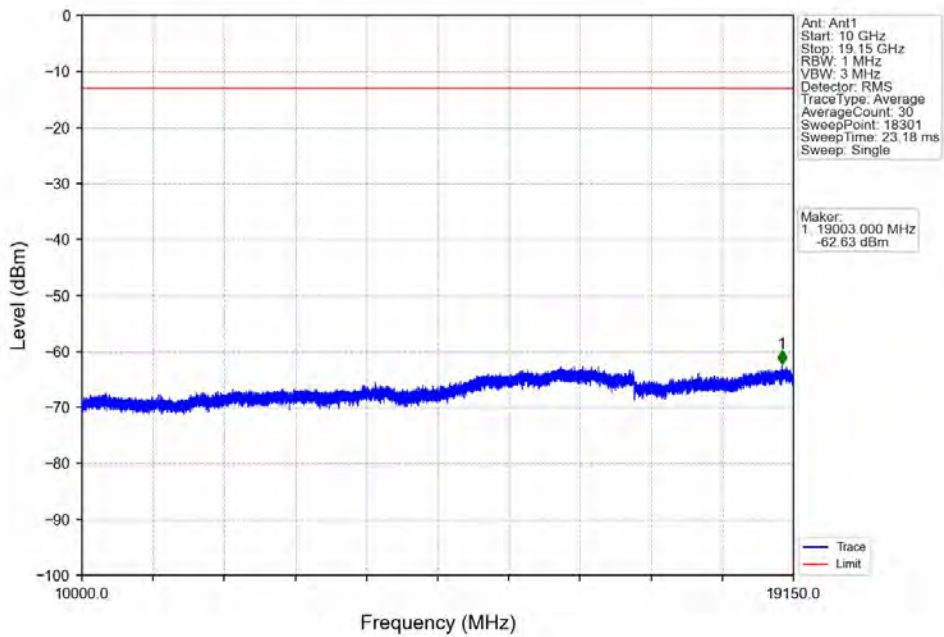
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



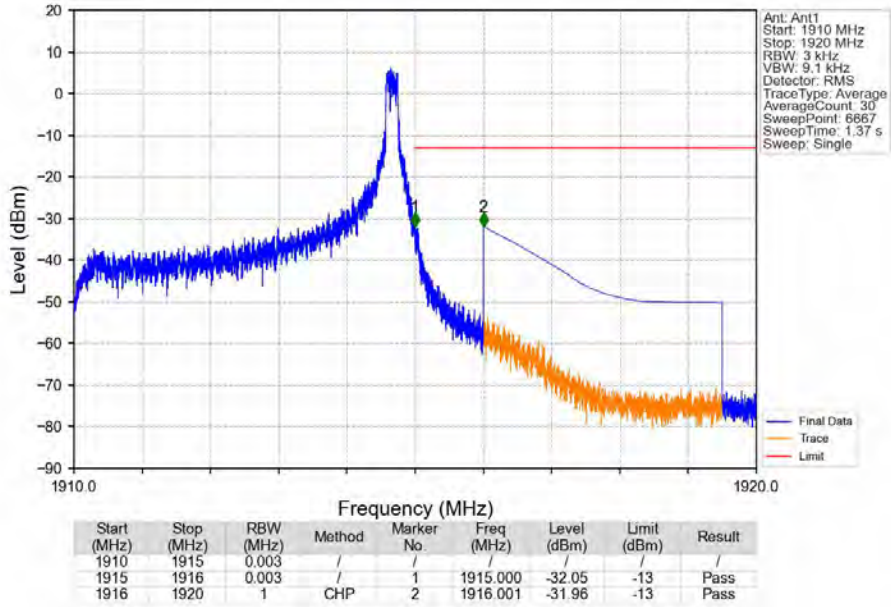
Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_1\_0\_NTNV



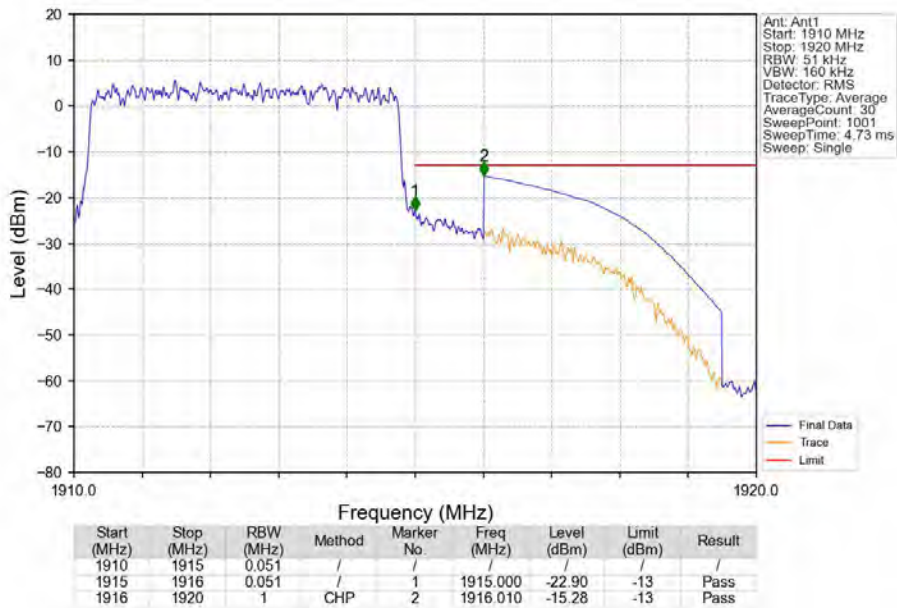
Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_1\_0\_NTNV



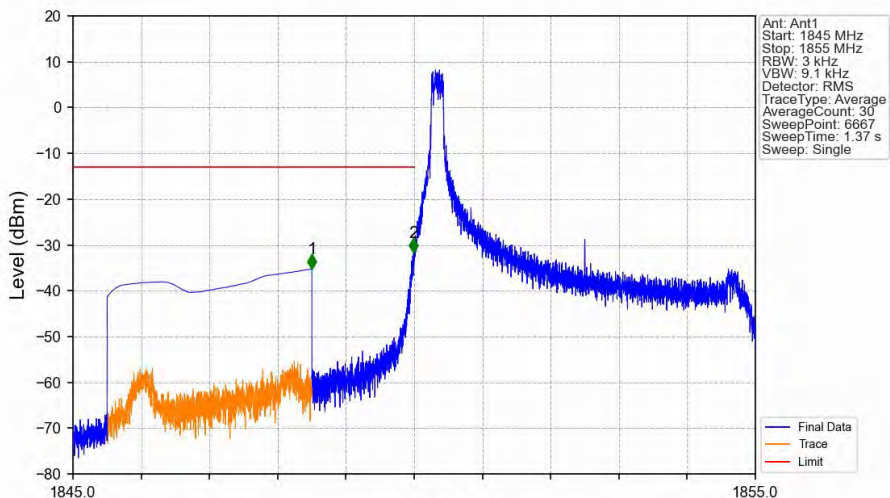
Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_1\_24\_NTNV



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

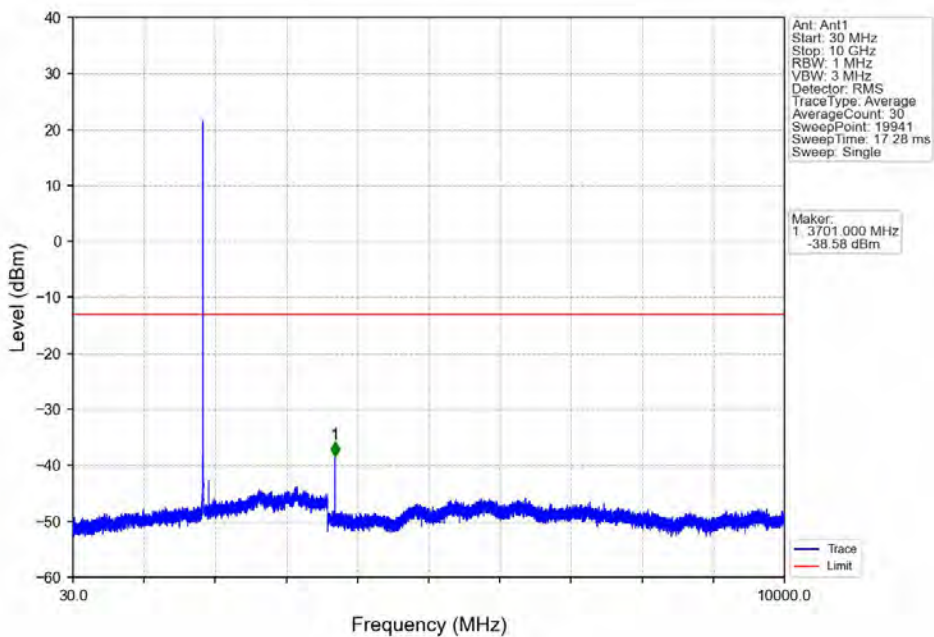


Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV

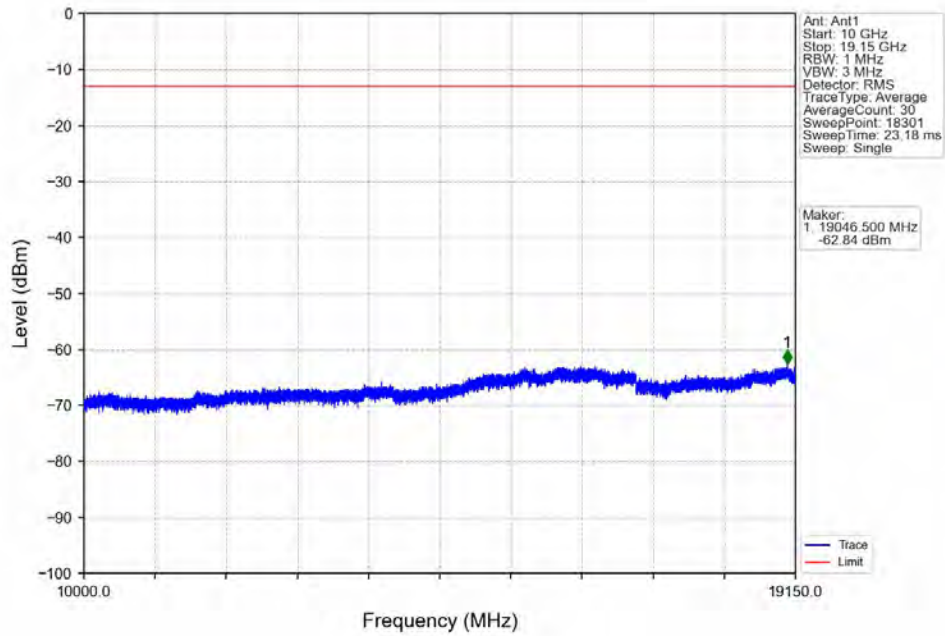


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-35.24	-13	Pass
1849	1850	0.003	/	2	1849.991	-31.67	-13	Pass
1850	1855	0.003	/	/	/	/	/	/

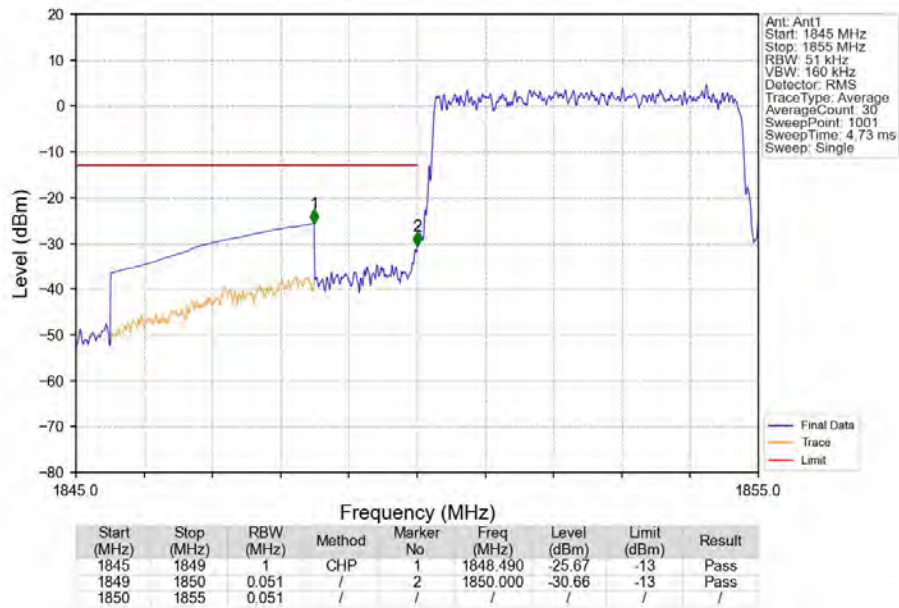
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV

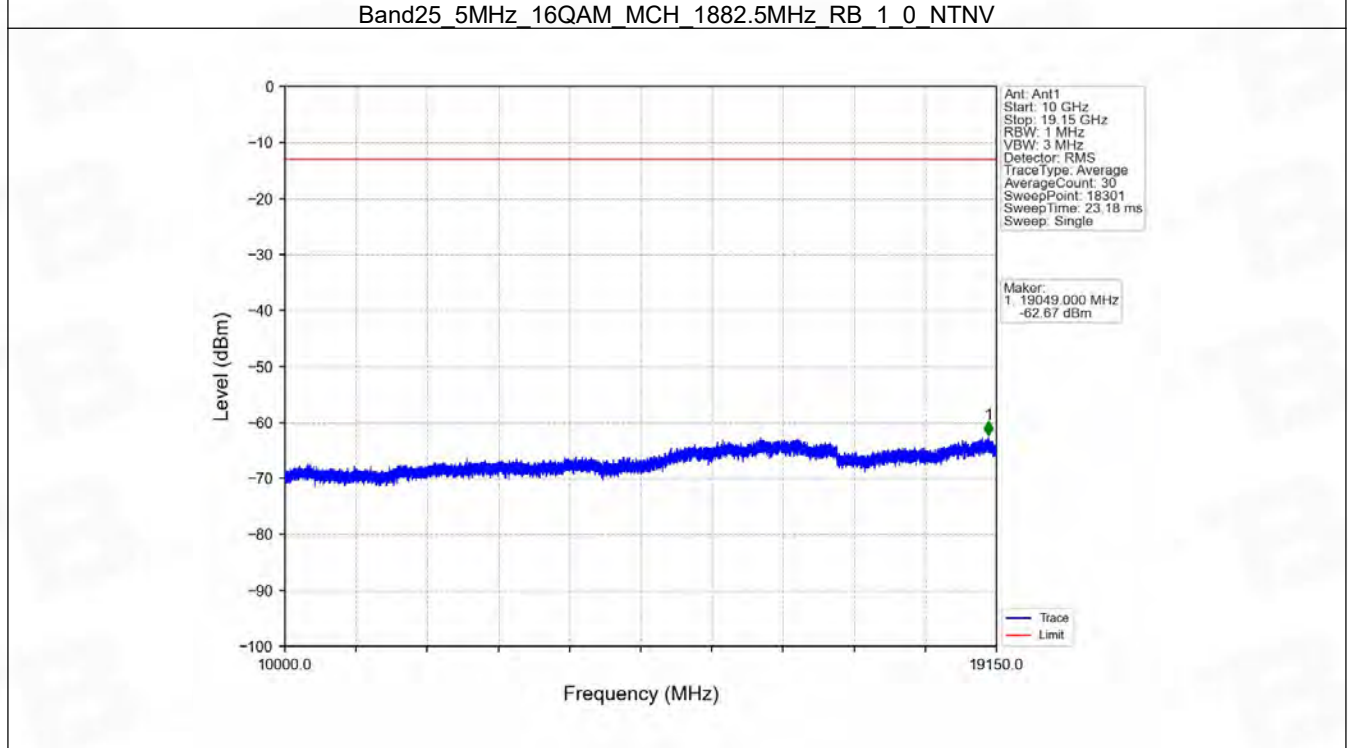
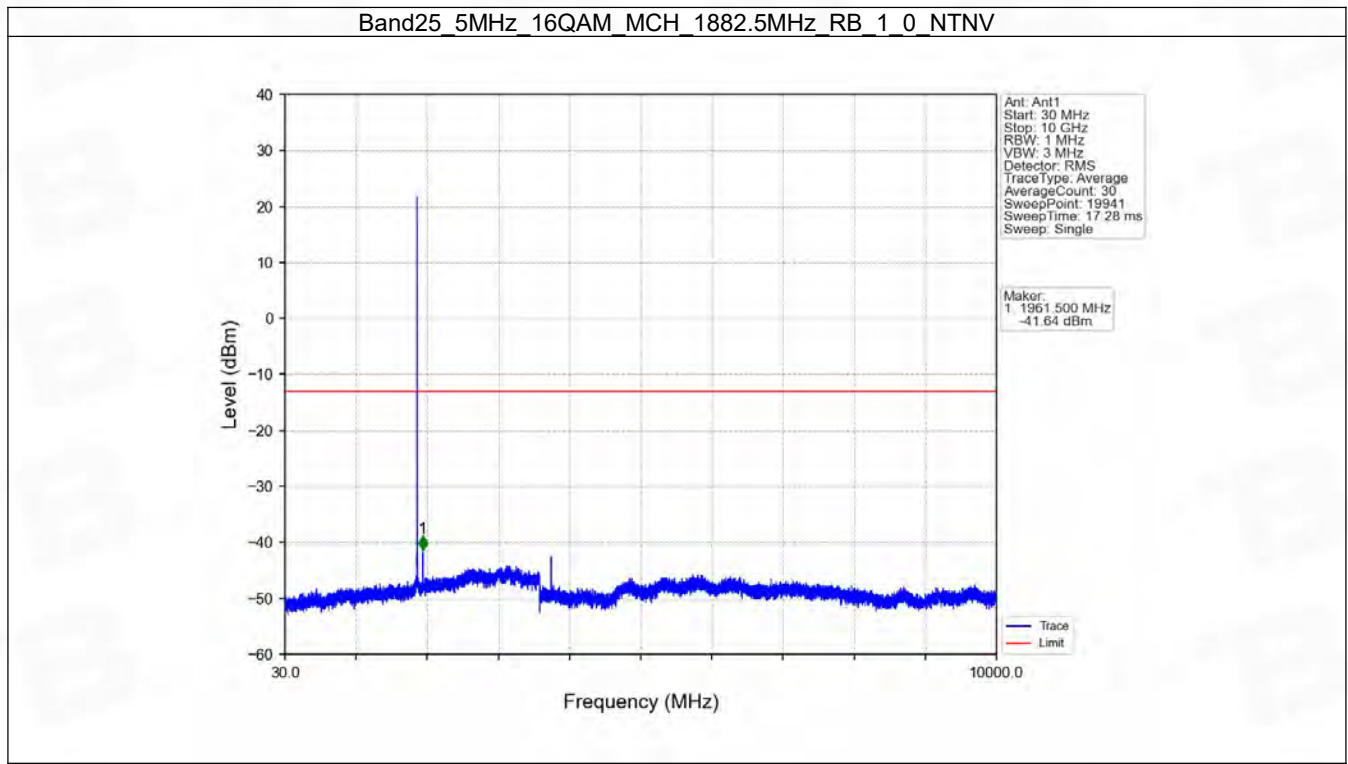


Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV

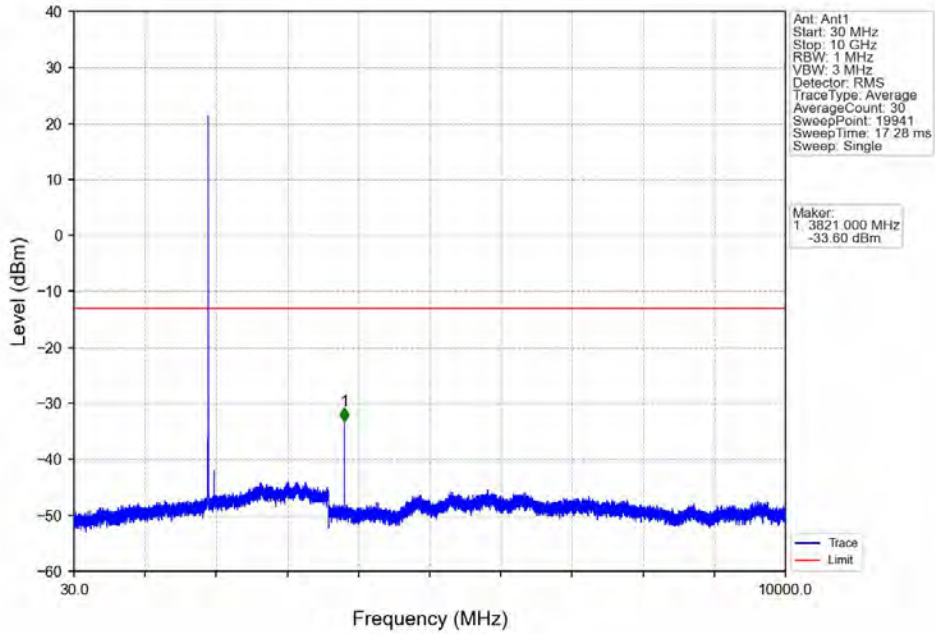


Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

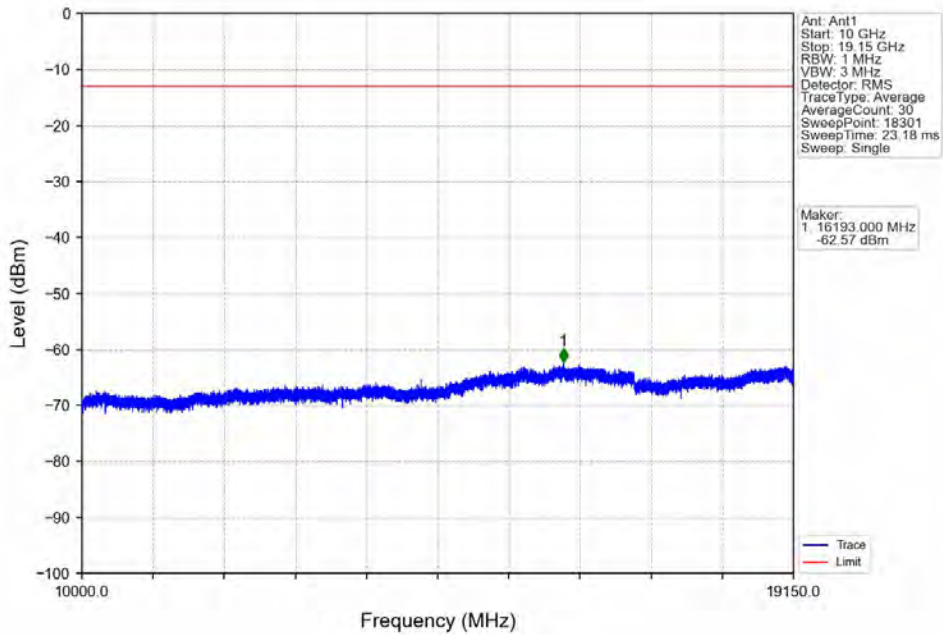




Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_1\_0\_NTNV

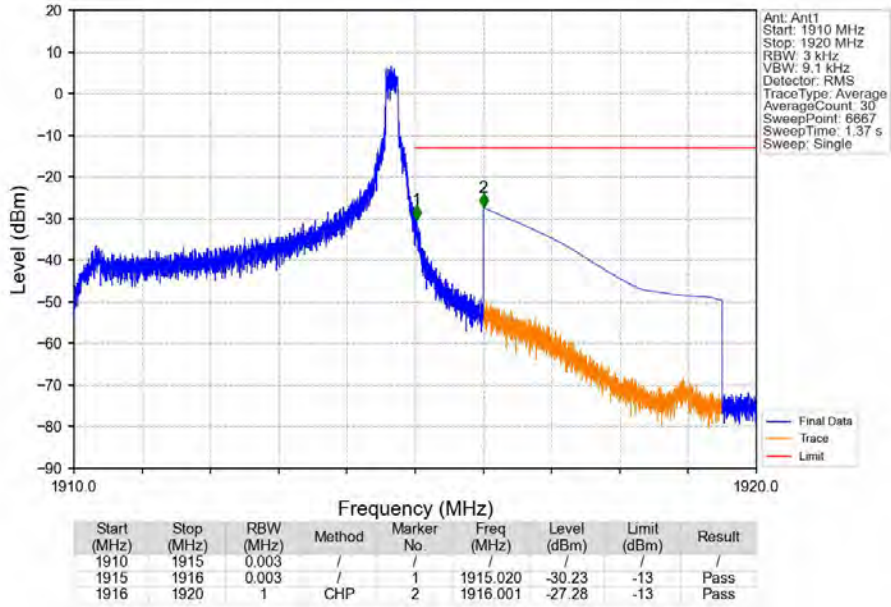


Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_1\_0\_NTNV

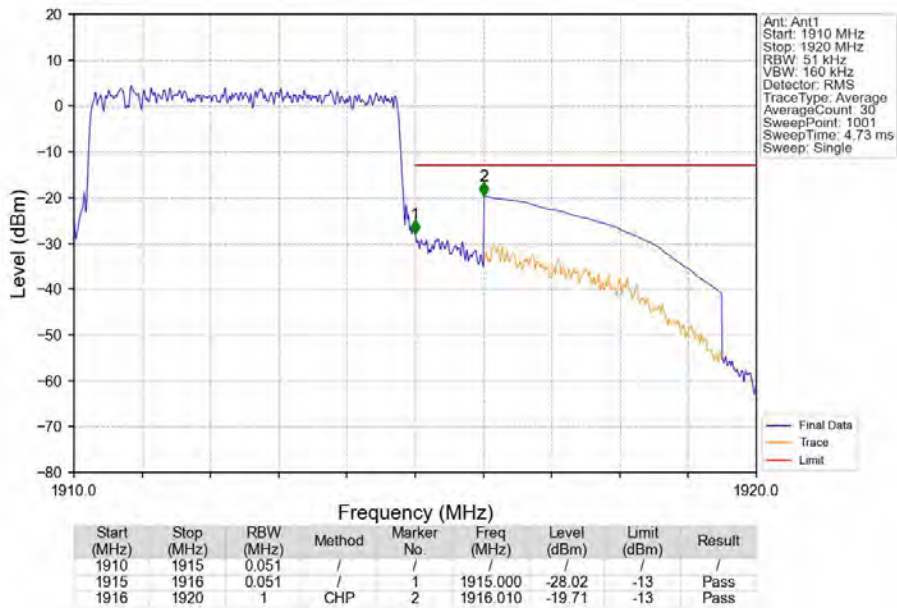




Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_1\_24\_NTNV



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

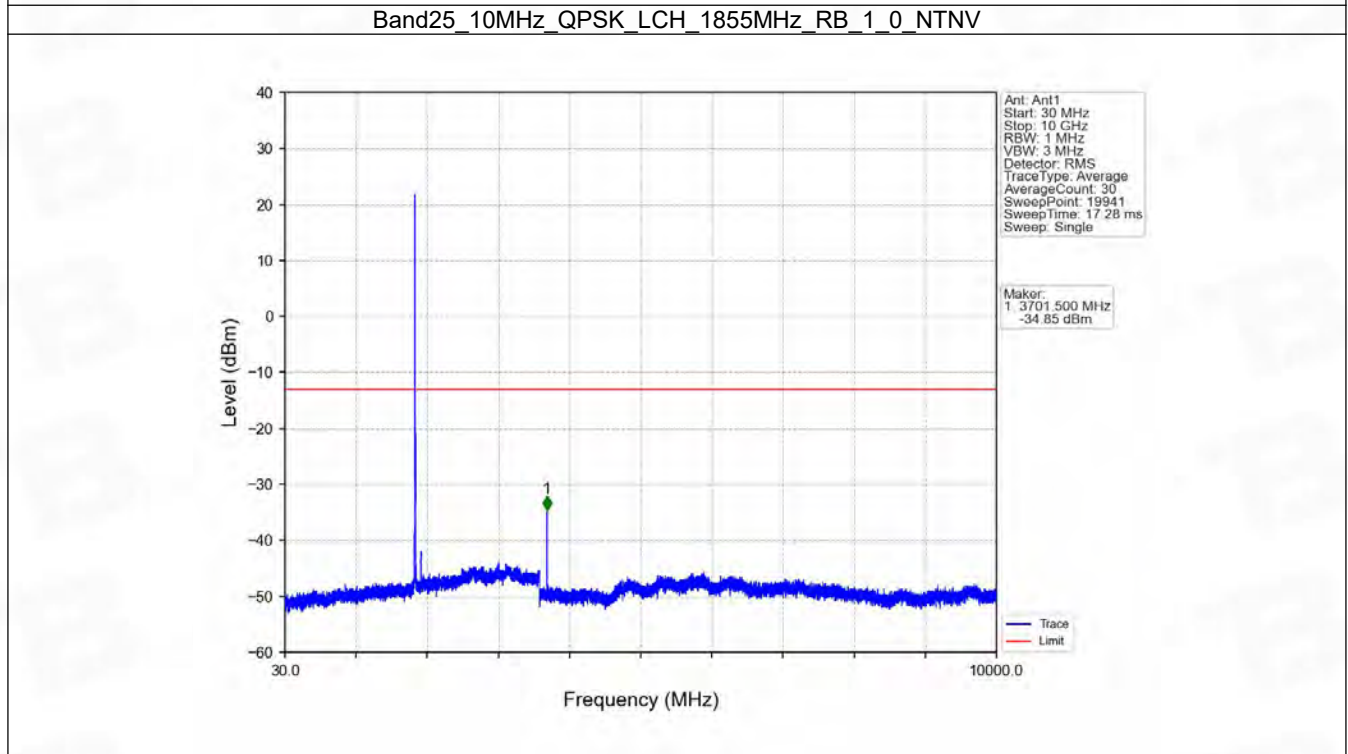
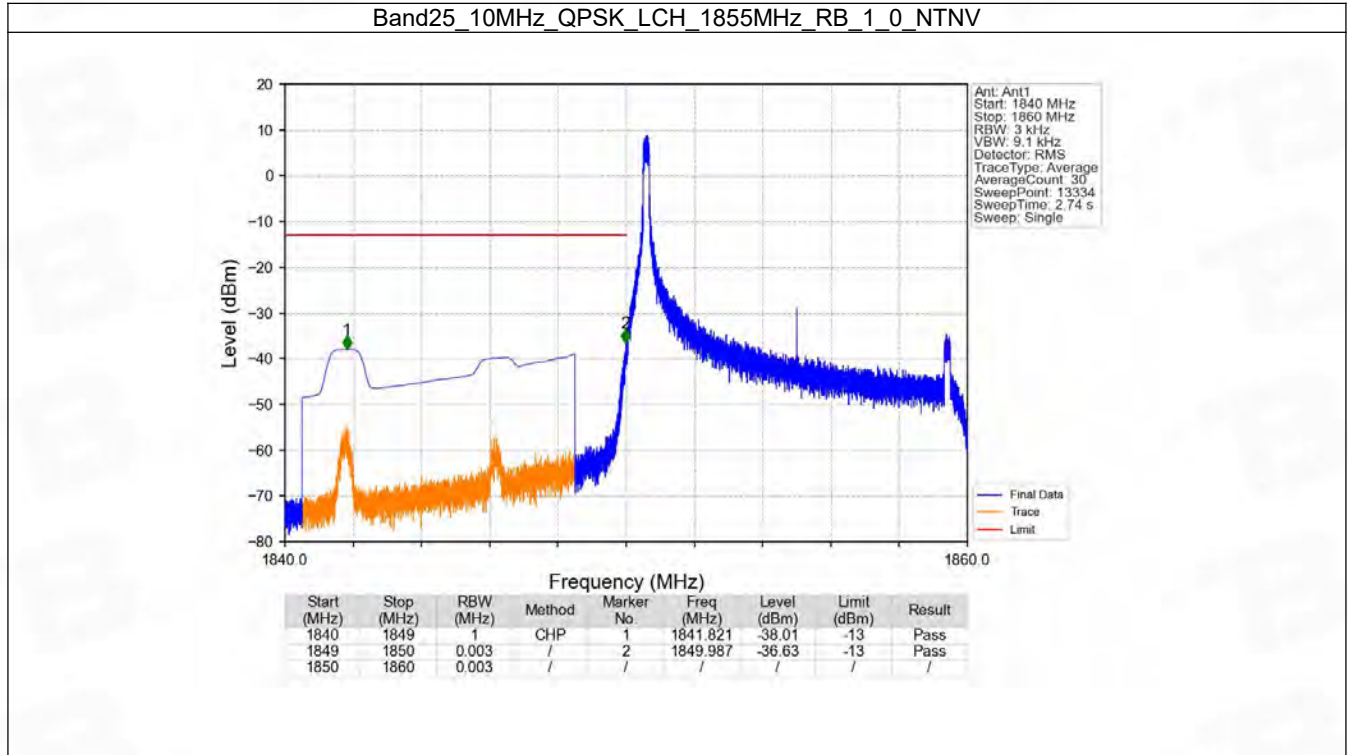


## 6.4 B25\_10MHz

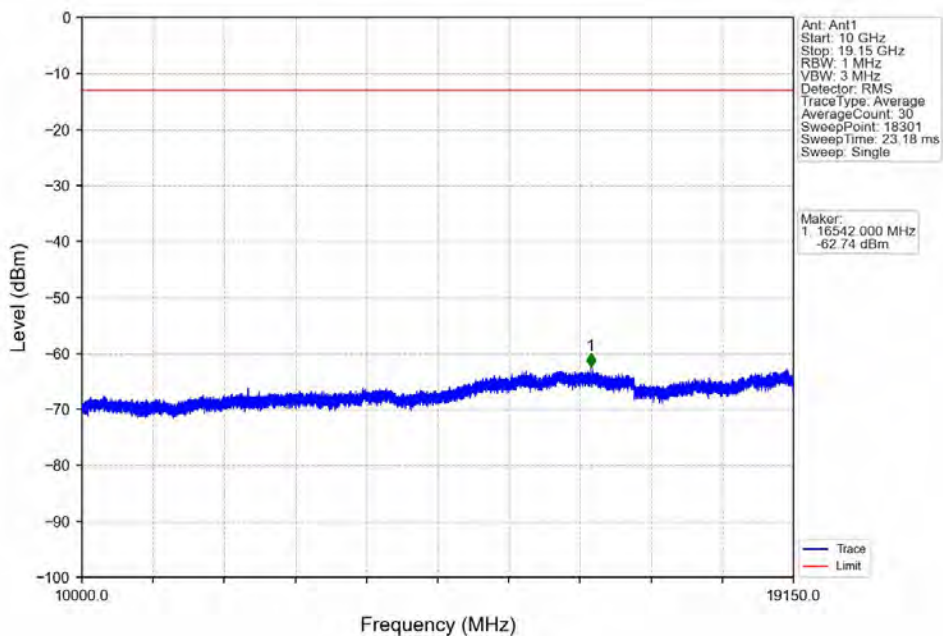
### 6.4.1 Test Result

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	

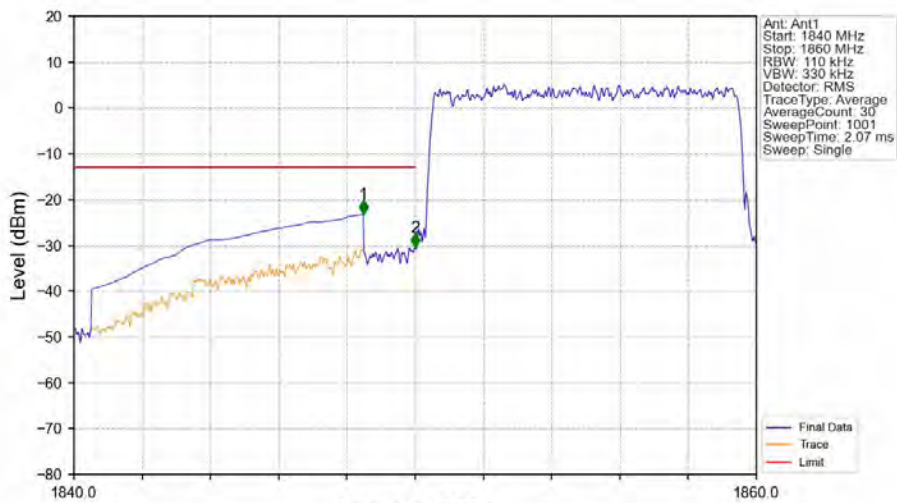
6.4.2 Test Graph



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

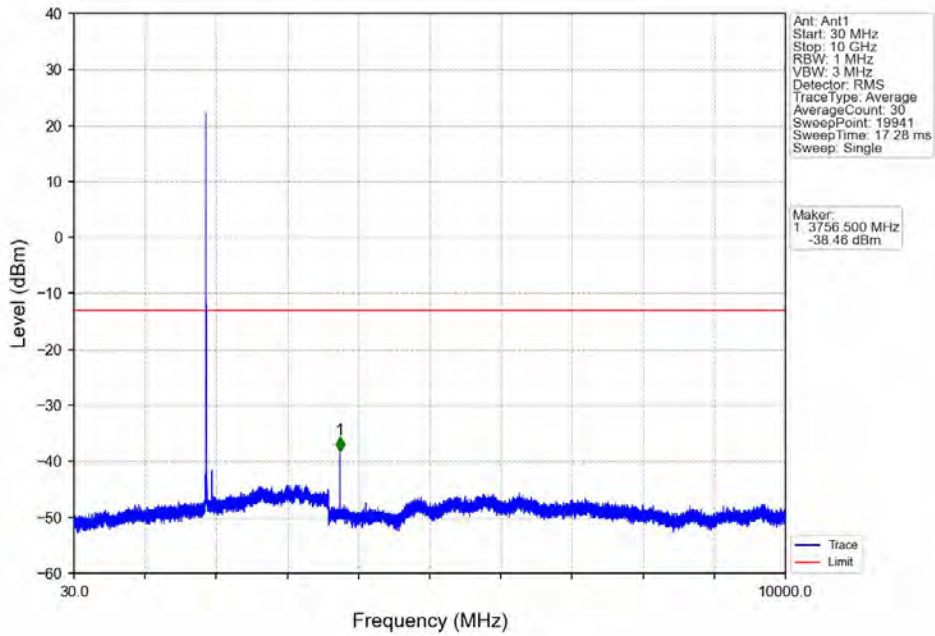


Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV

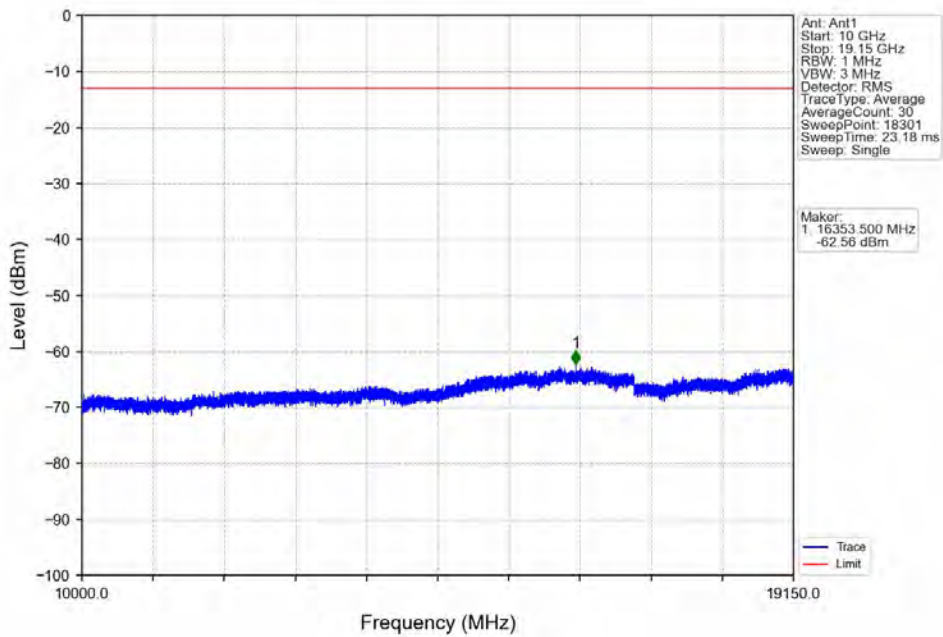


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.480	-23.19	-13	Pass
1849	1850	0.11	/	2	1850.000	-30.41	-13	Pass
1850	1860	0.11	/	/	/	/	/	/

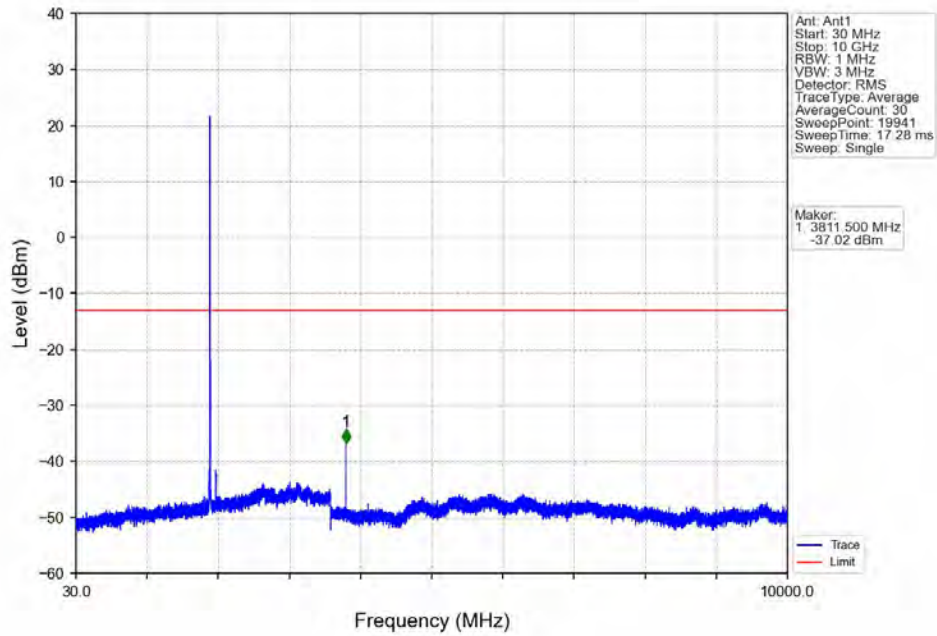
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



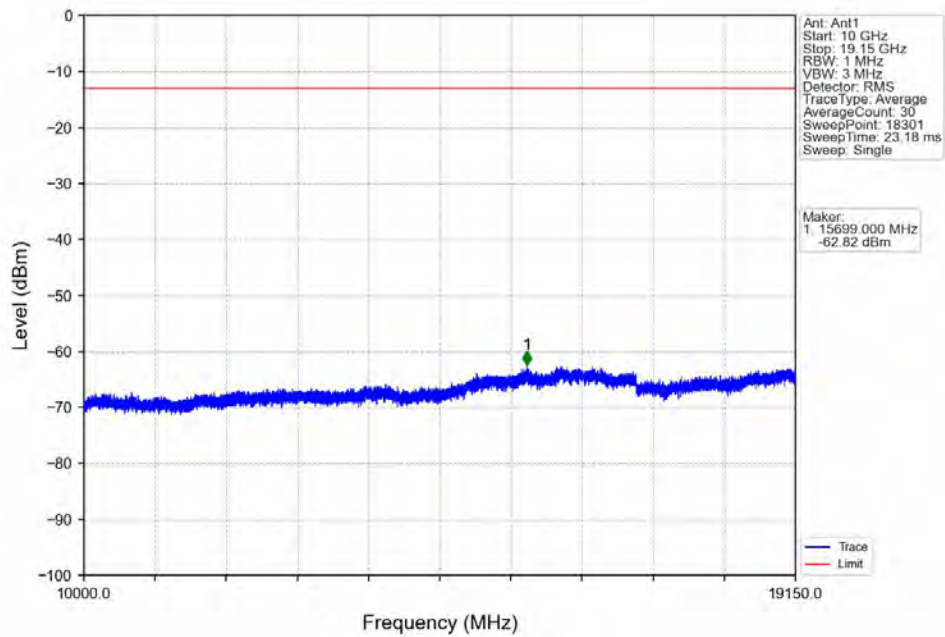
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



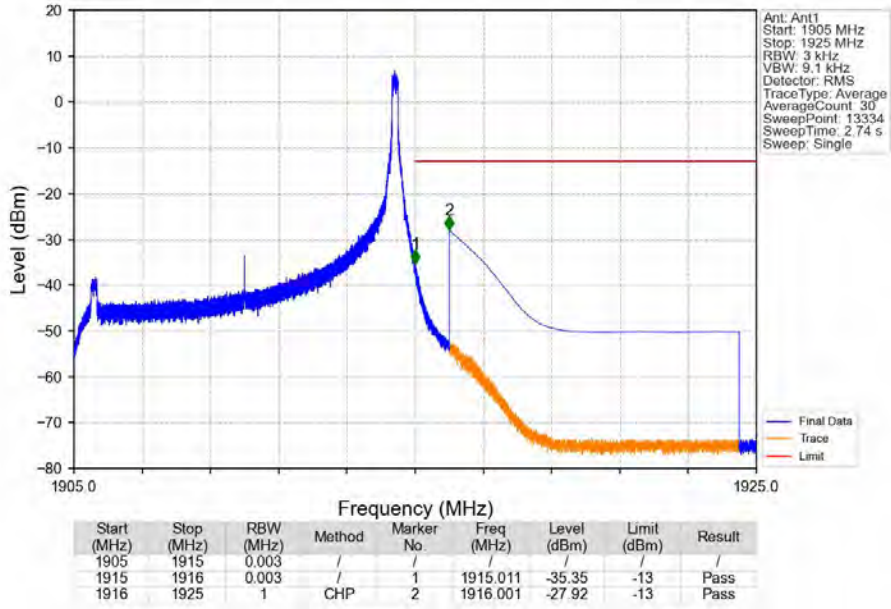
Band25 10MHz QPSK HCH 1910MHz RB 1 0 NTV



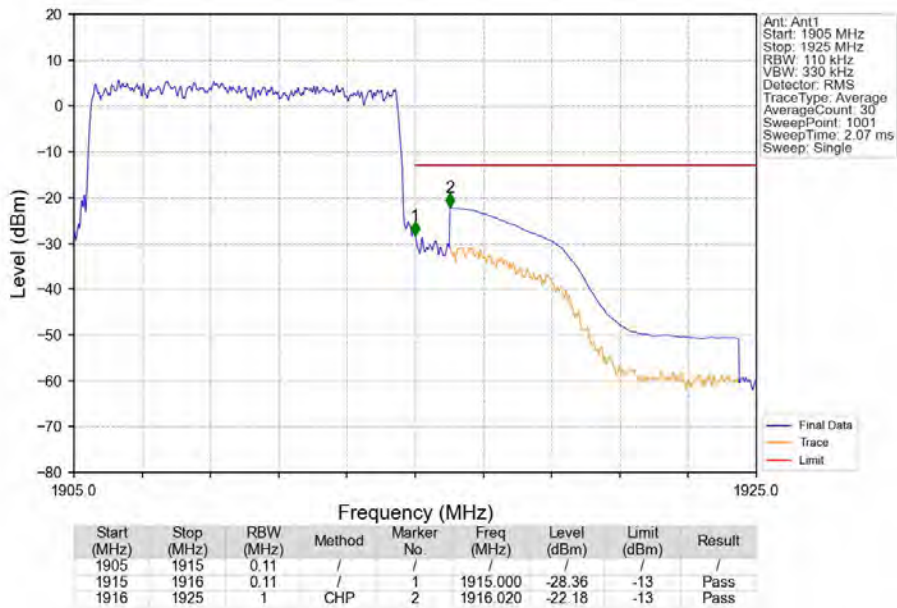
Band25 10MHz QPSK HCH 1910MHz RB 1 0 NTV



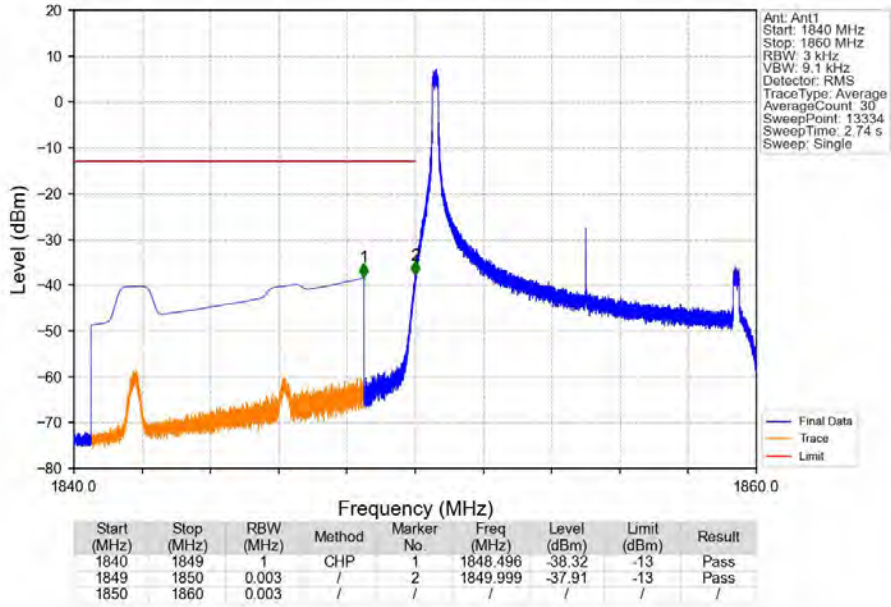
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_1\_49\_NTV



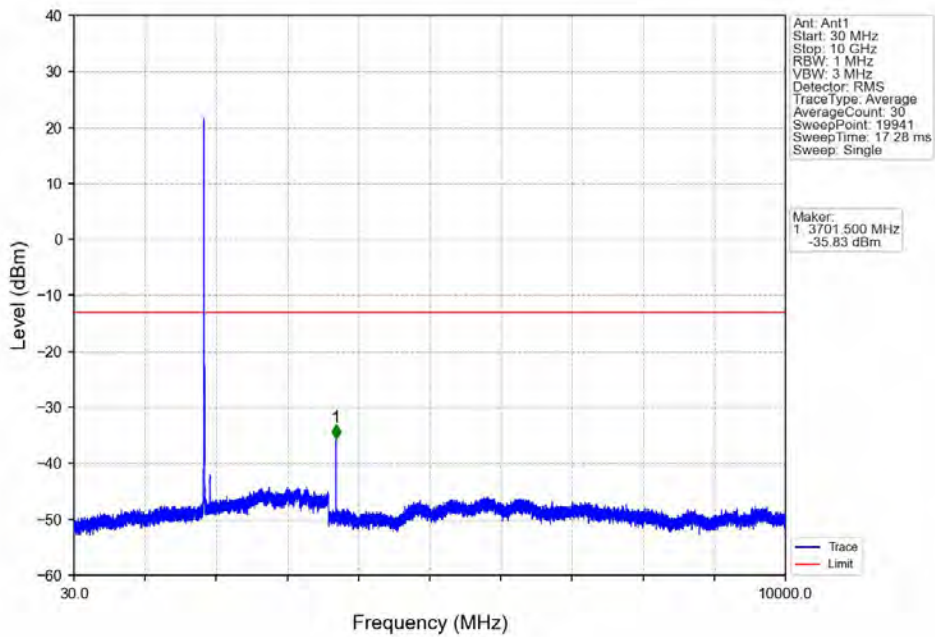
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTV



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

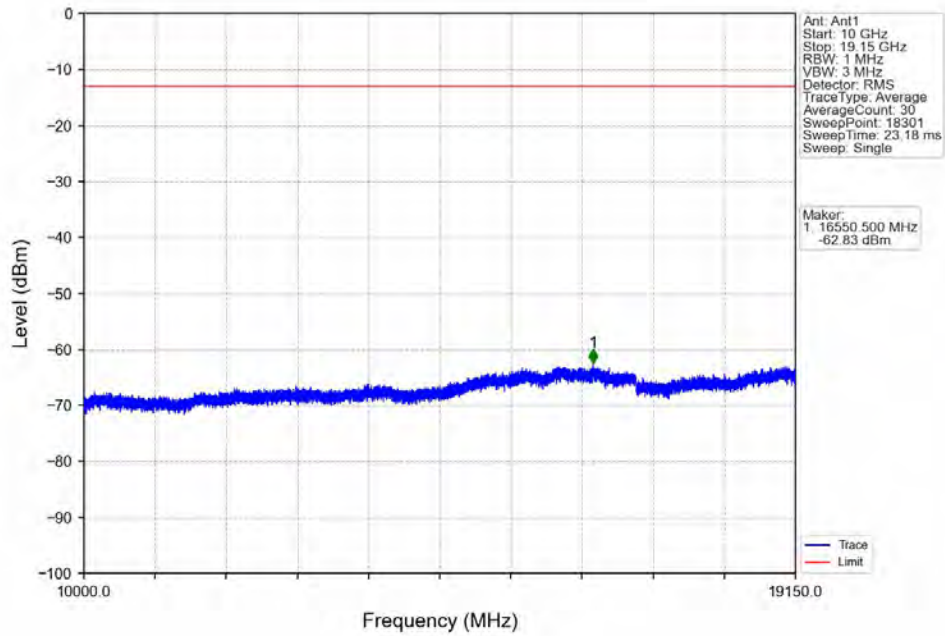


Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV

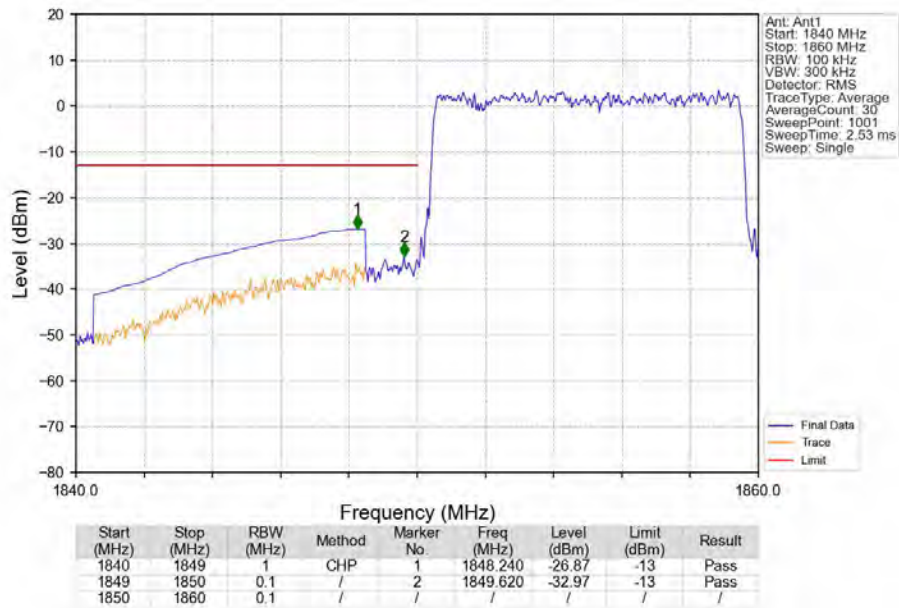




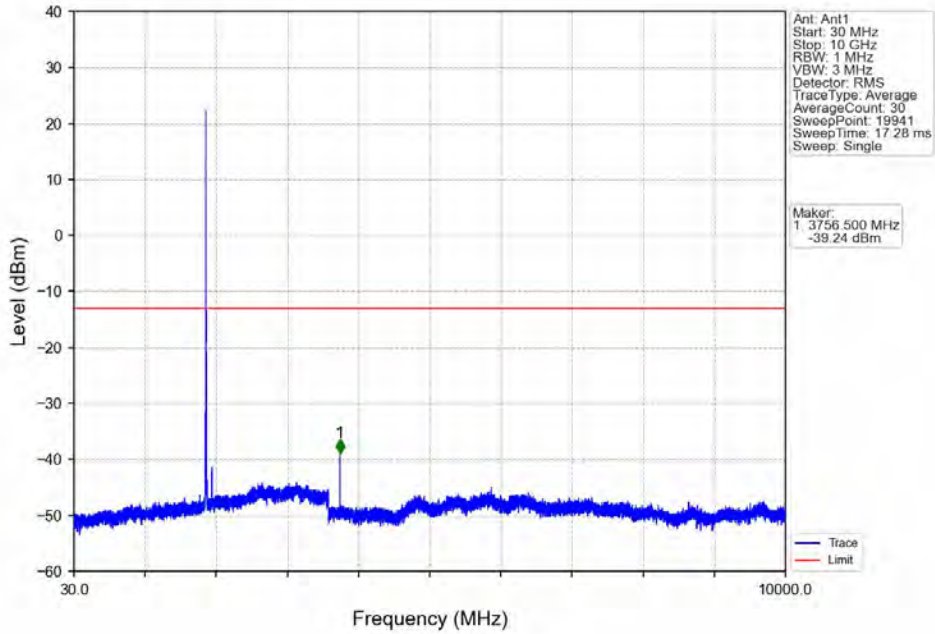
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV



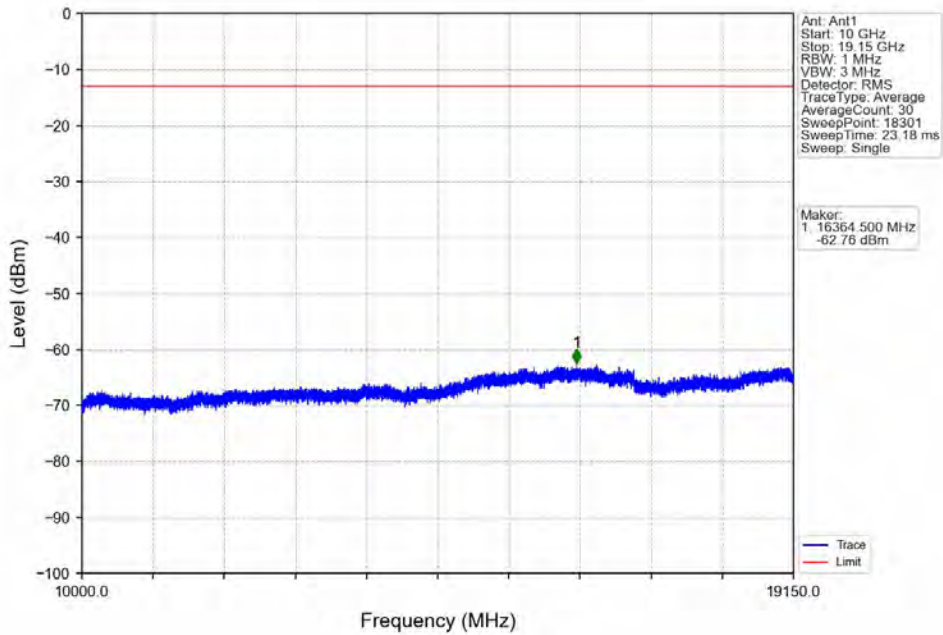
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



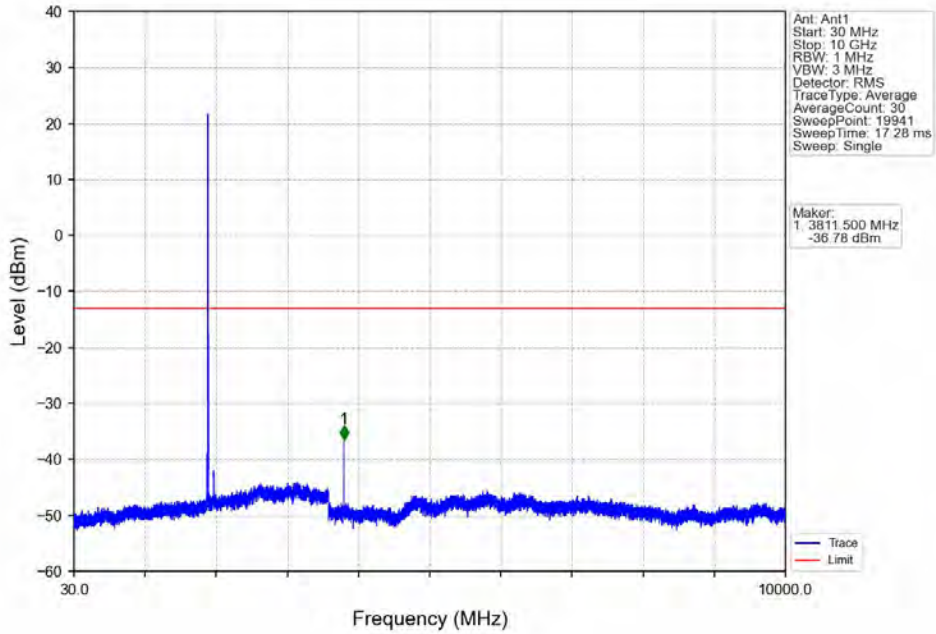
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



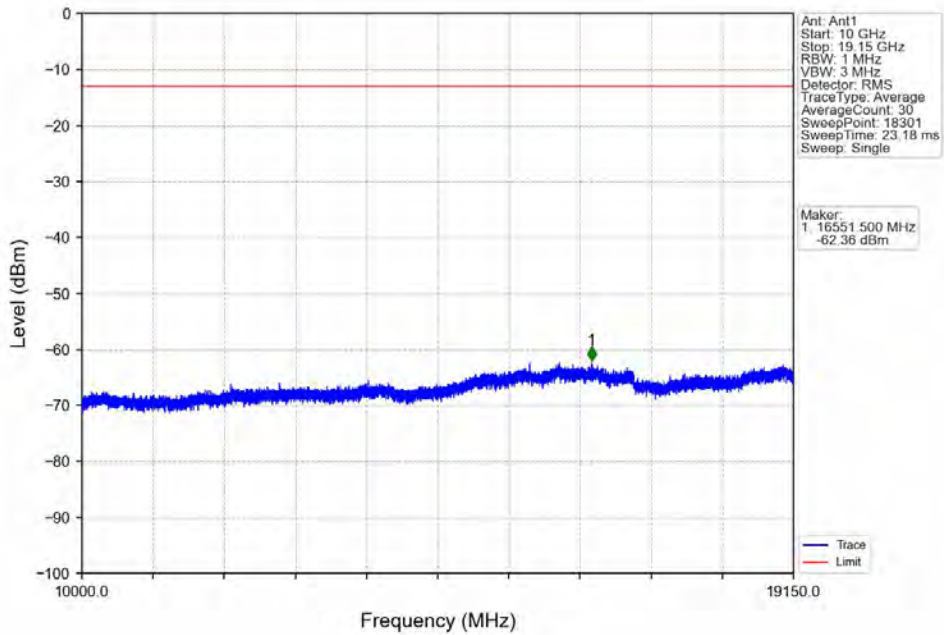
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



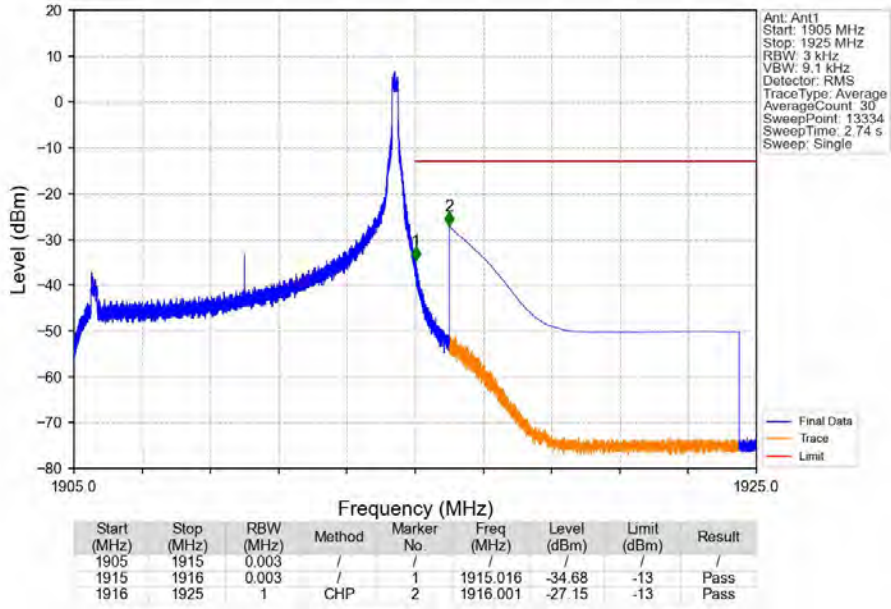
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_1\_0\_NTNV



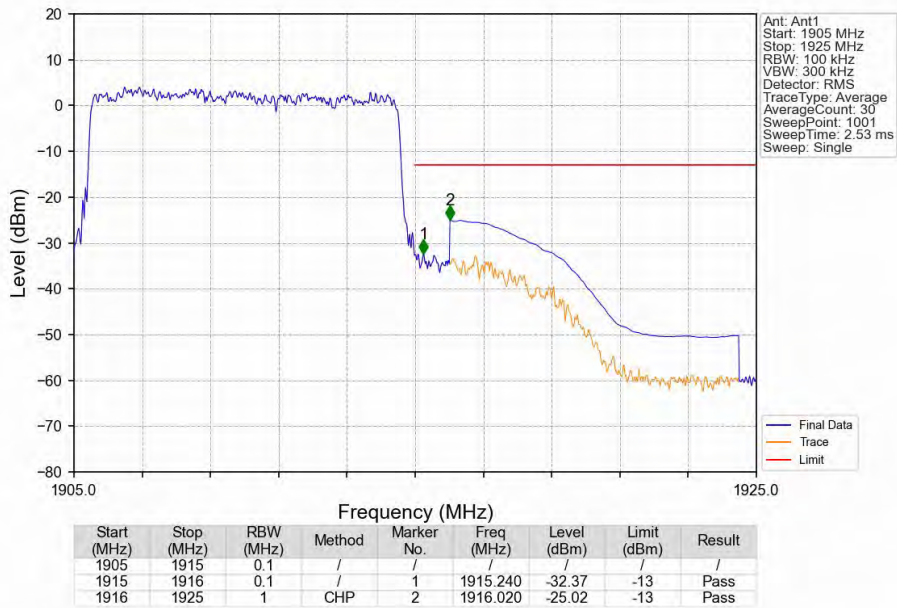
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_1\_0\_NTNV



Band25 10MHz 16QAM HCH 1910MHz RB 1 49 NTN



Band25 10MHz 16QAM HCH 1910MHz RB 50 0 NTN



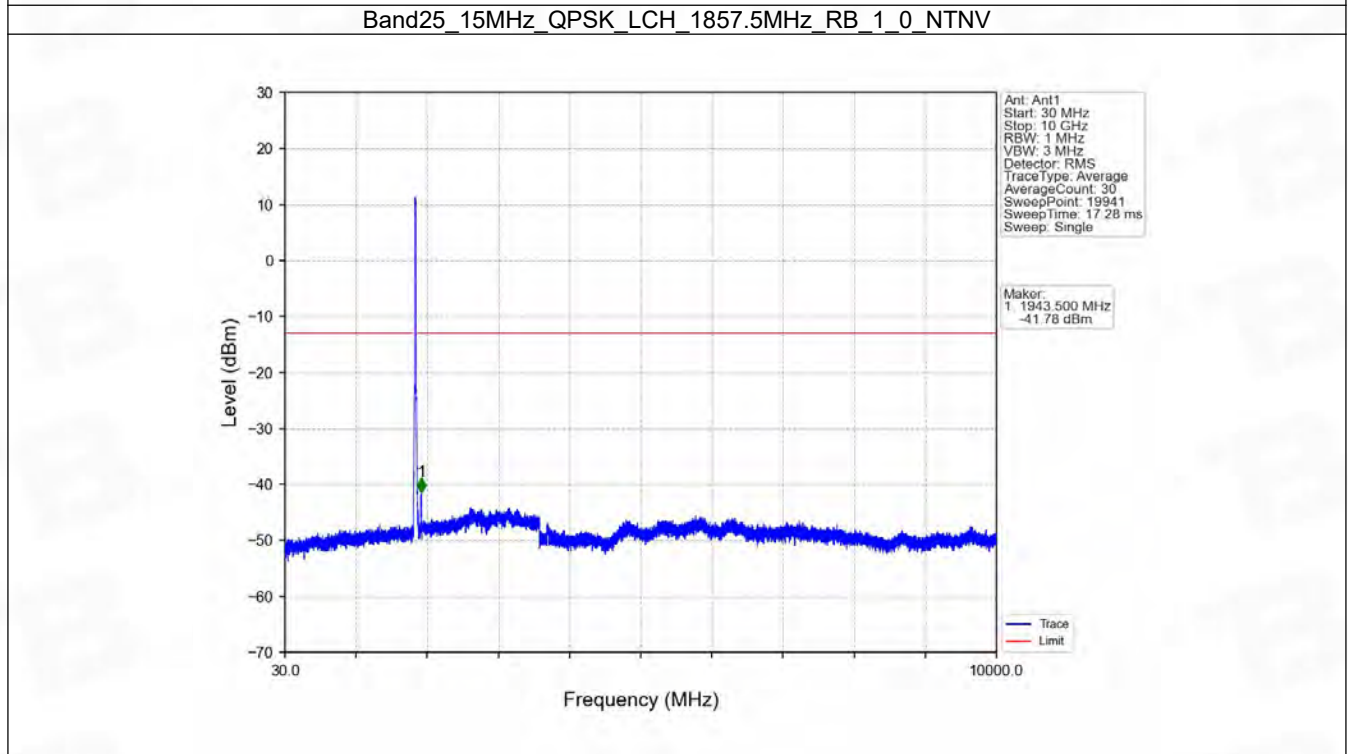
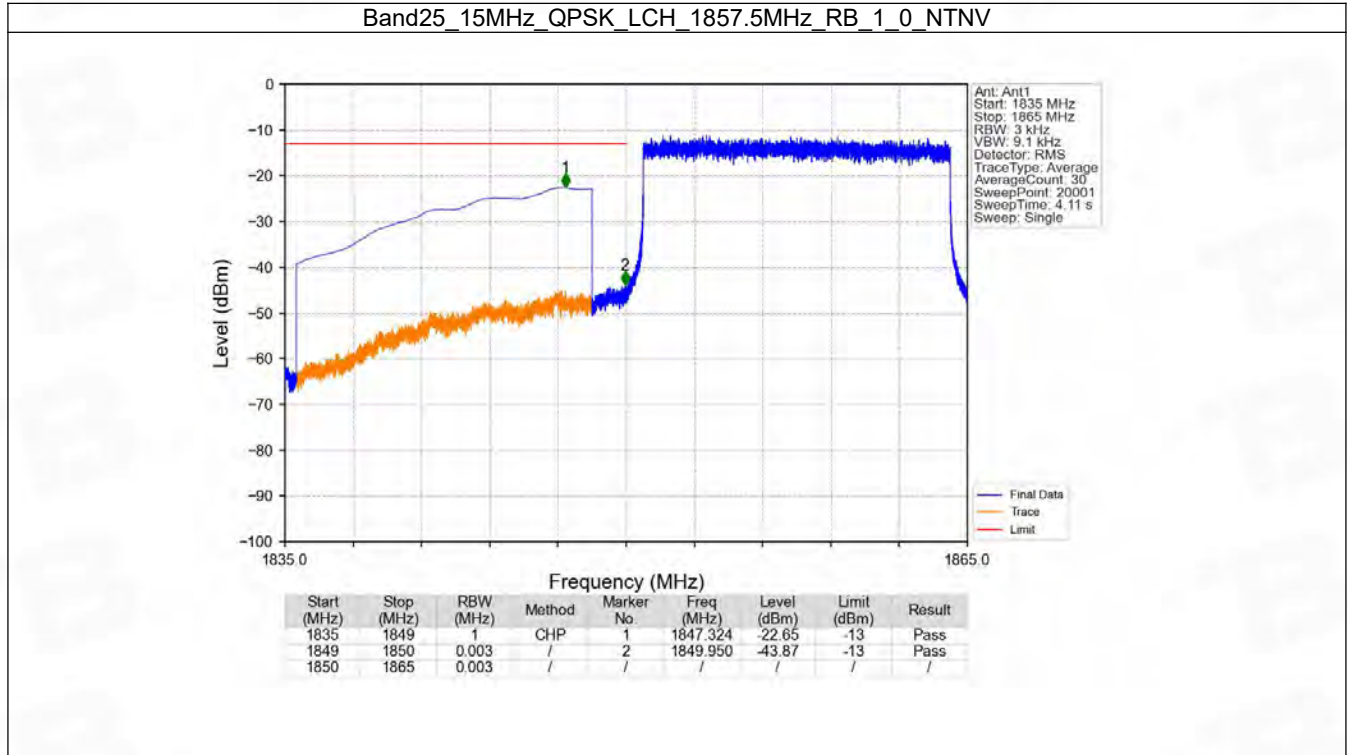


6.5 B25\_15MHz

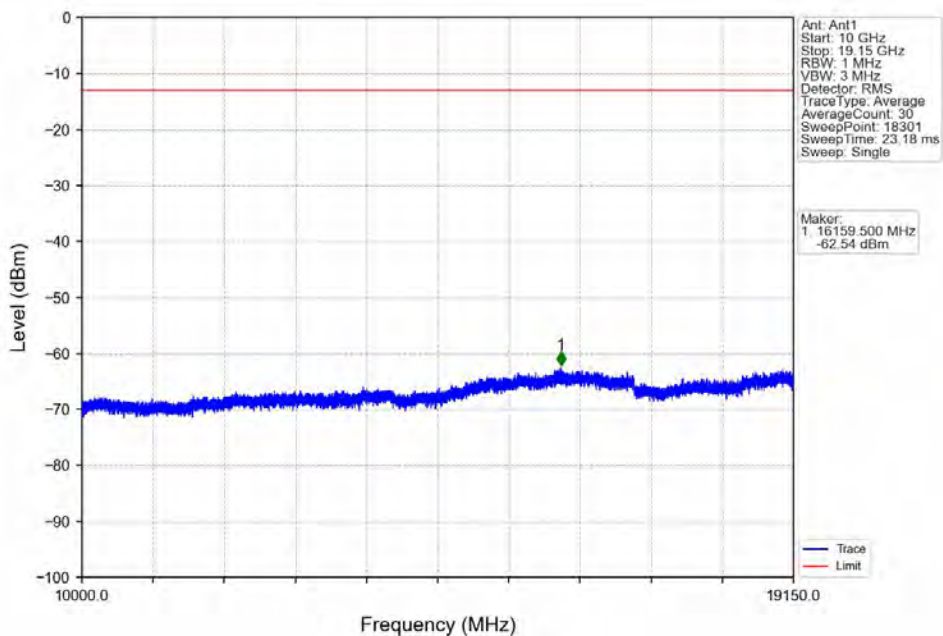
6.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1857.5	1	0	Refer To Test Graph		Pass	
		75	0	Refer To Test Graph		Pass	
	1907.5	1882.5	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	1882.5	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

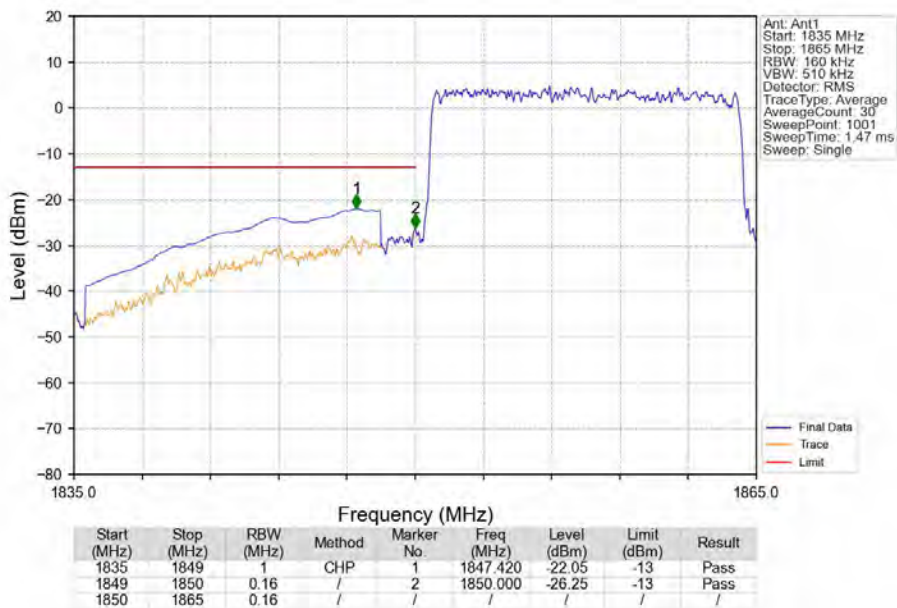
6.5.2 Test Graph



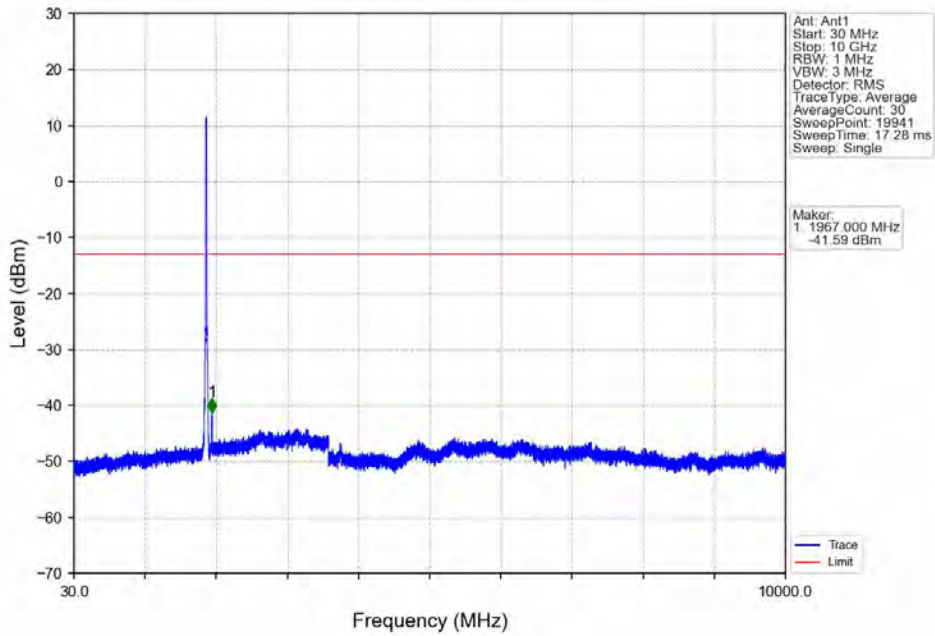
Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV



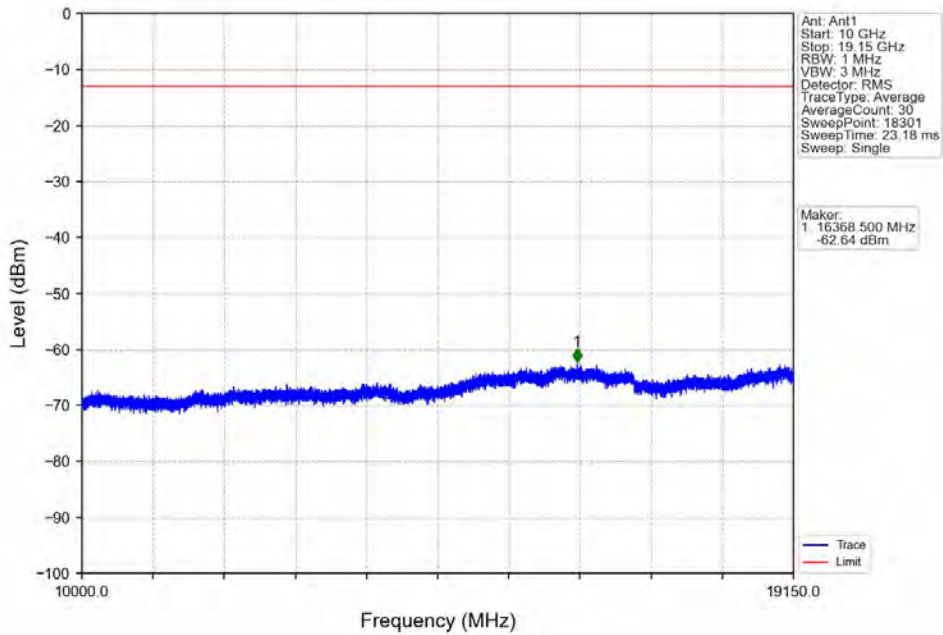
Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



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

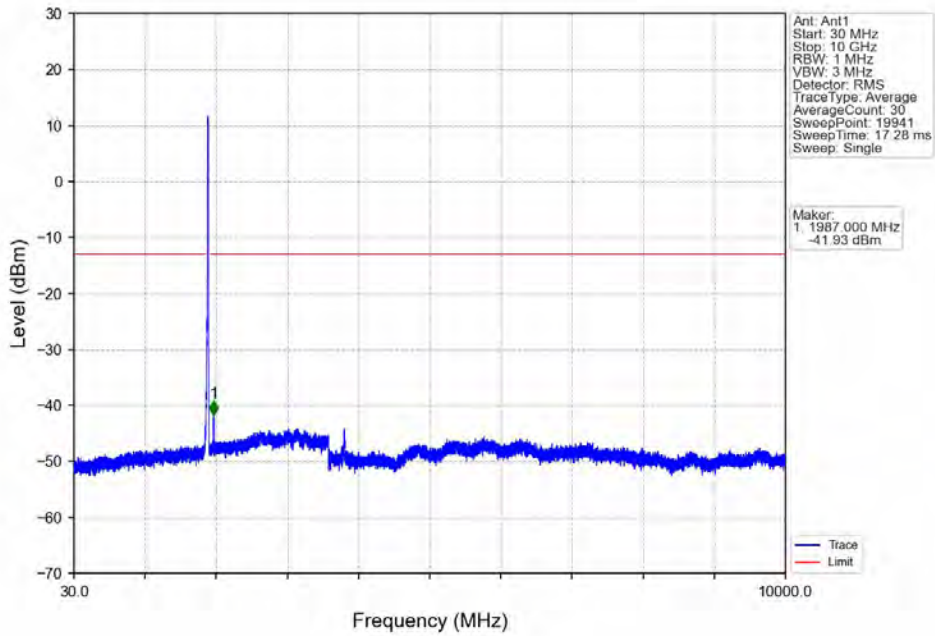


Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV

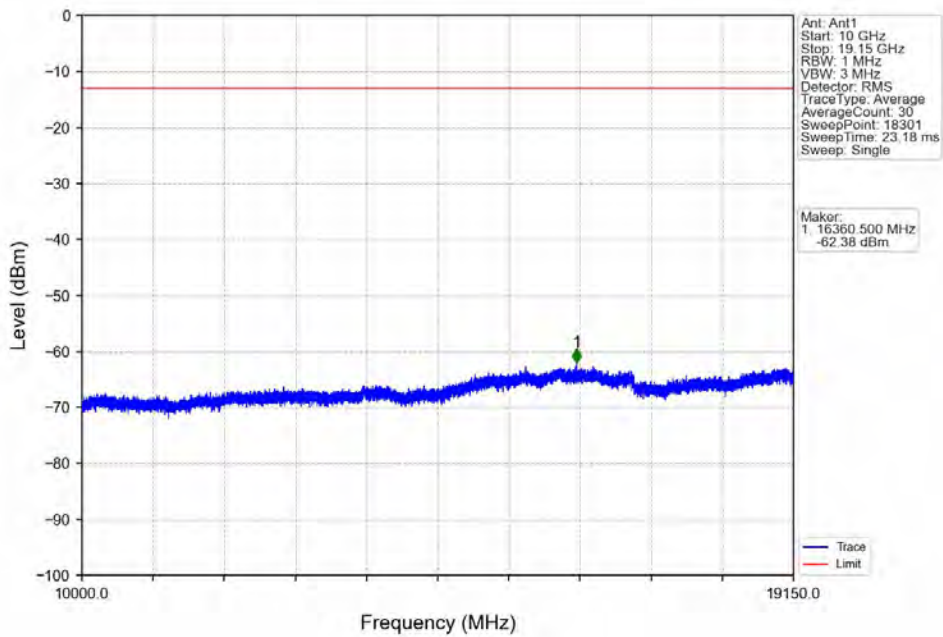




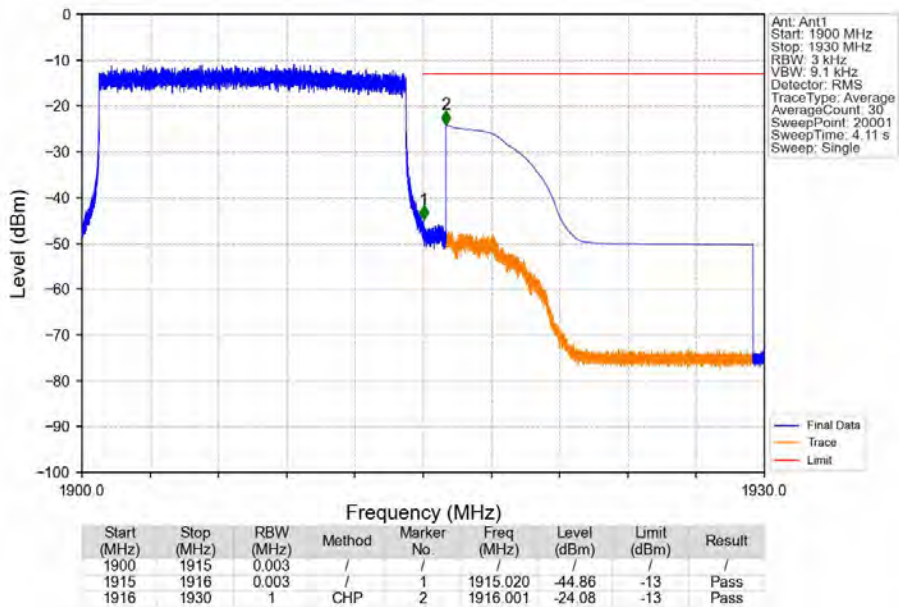
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



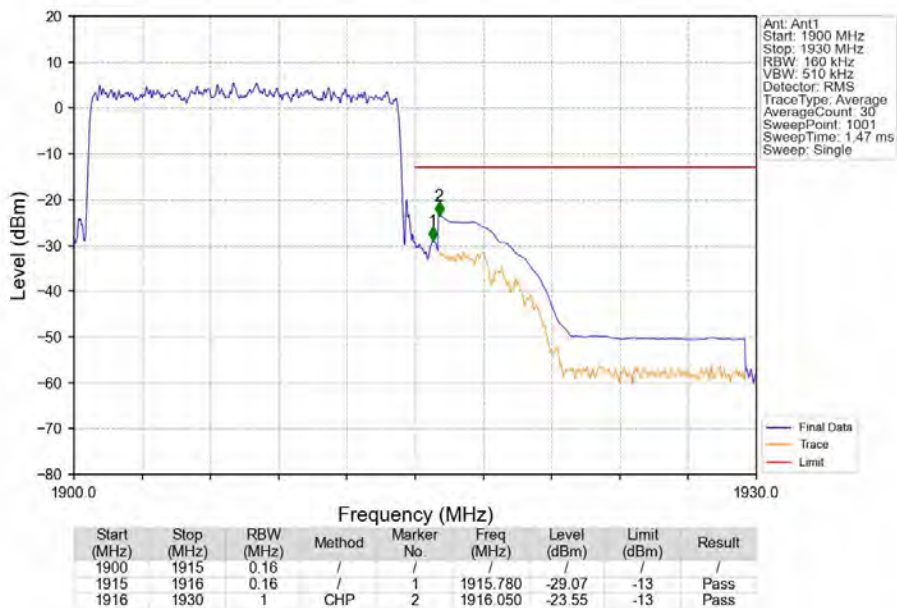
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



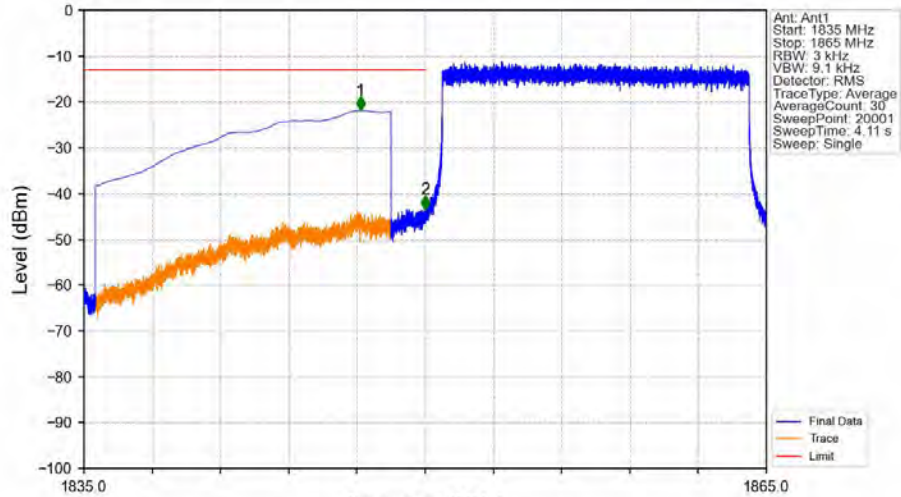
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_74\_NTNV



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

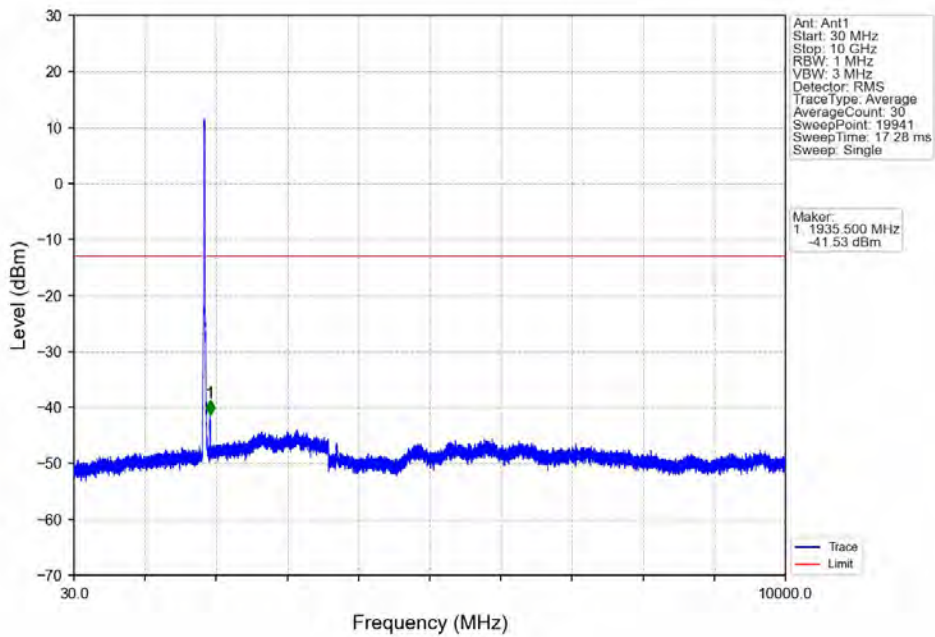


Band25 15MHz 16QAM LCH 1857.5MHz RB 1 0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1847.155	-21.88	-13	Pass
1849	1850	0.003	/	2	1849.995	-43.49	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

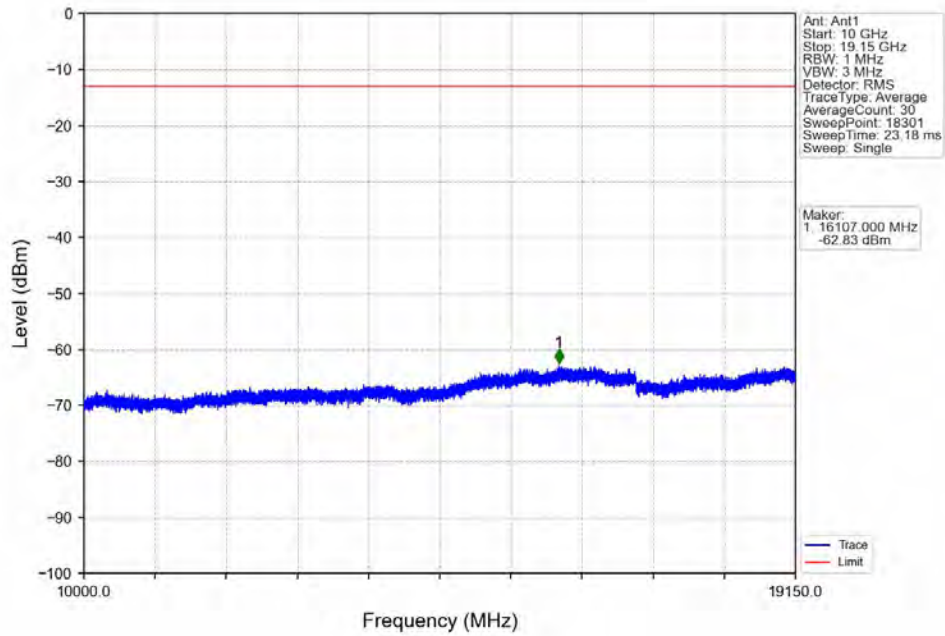
Band25 15MHz 16QAM LCH 1857.5MHz RB 1 0 NTN



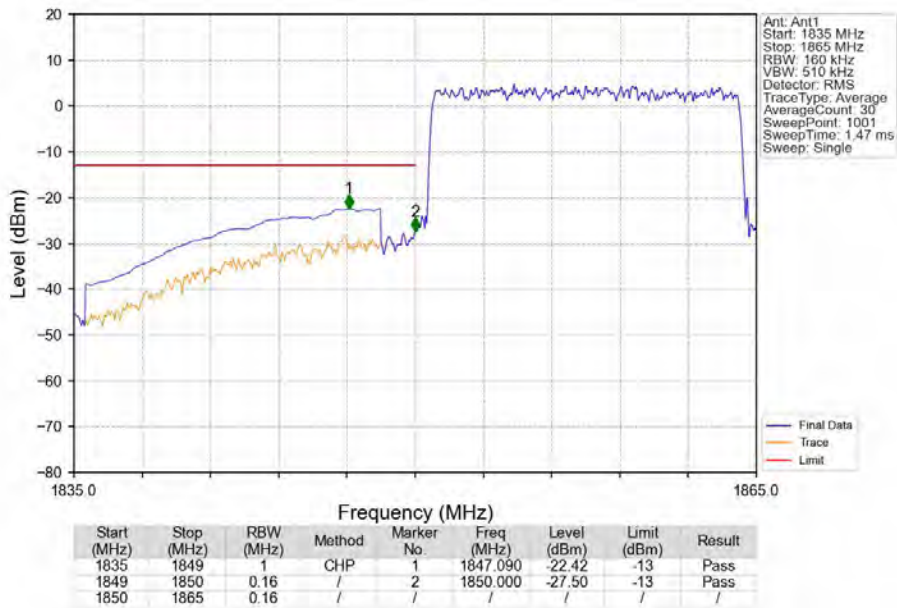
Ant: Ant1  
 Start: 30 MHz  
 Stop: 10 GHz  
 RBW: 1 MHz  
 VBW: 3 MHz  
 Detector: RMS  
 TraceType: Average  
 AverageCount: 30  
 SweepPoint: 19941  
 SweepTime: 17.28 ms  
 Sweep: Single

Marker:  
 1 1935.500 MHz  
 -41.53 dBm

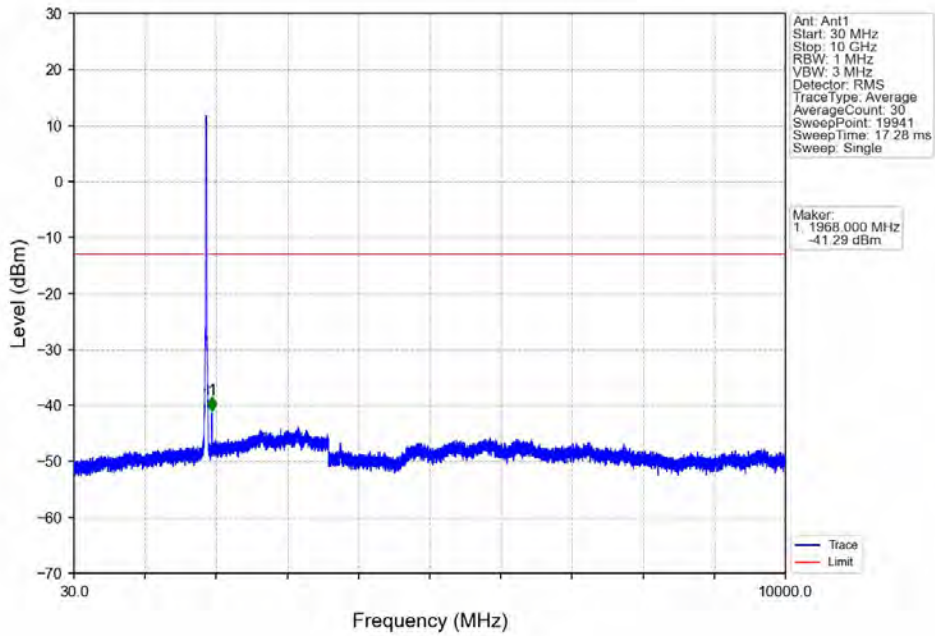
Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV



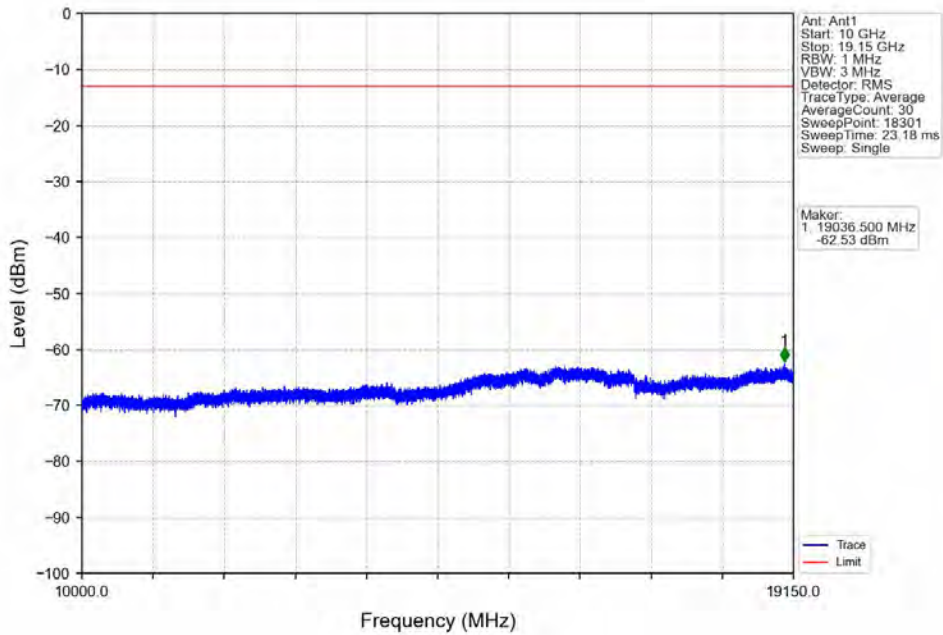
Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



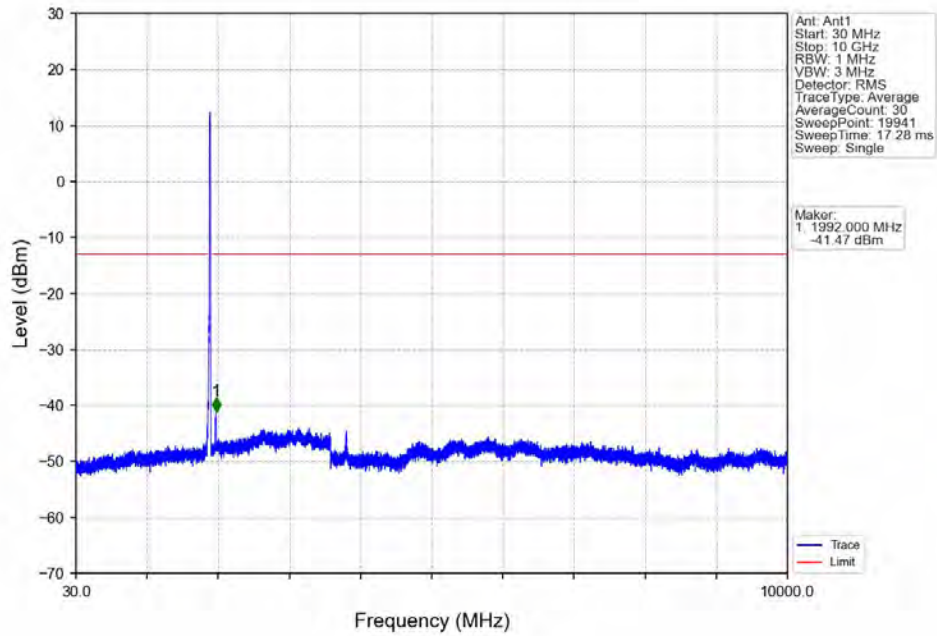
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



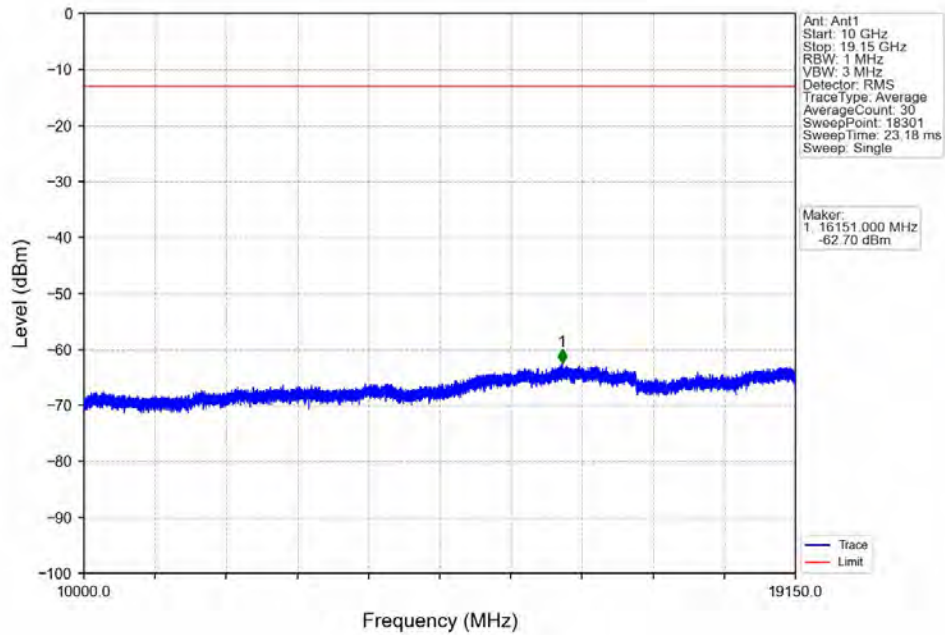
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



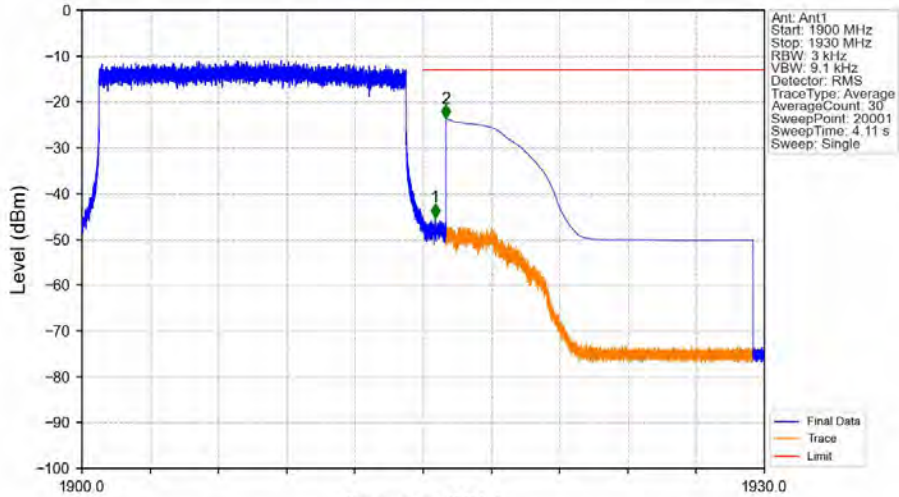
Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



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

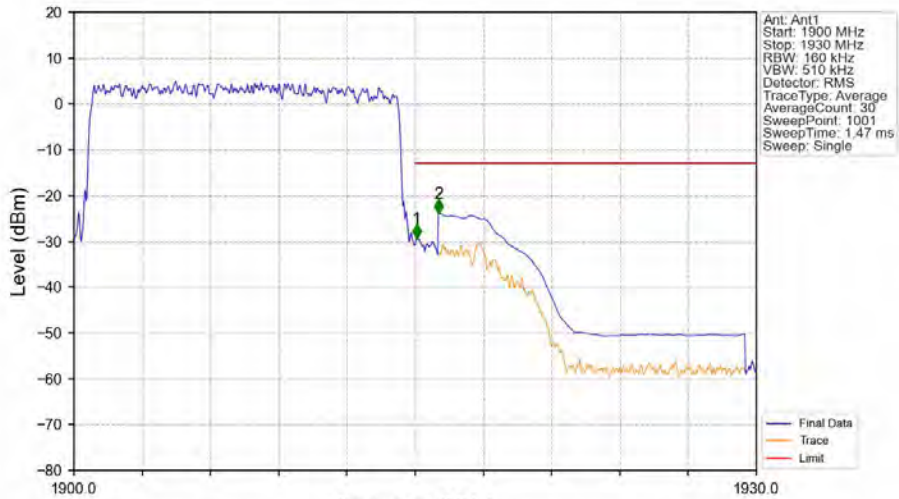


Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_74\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.003	/	1	1915.519	-45.26	-13	Pass
1915	1916	0.003	/	1	1915.519	-45.26	-13	Pass
1916	1930	1	CHP	2	1916.001	-23.64	-13	Pass

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



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.16	/	1	1915.060	-29.36	-13	Pass
1915	1916	0.16	/	1	1915.060	-29.36	-13	Pass
1916	1930	1	CHP	2	1916.020	-23.93	-13	Pass

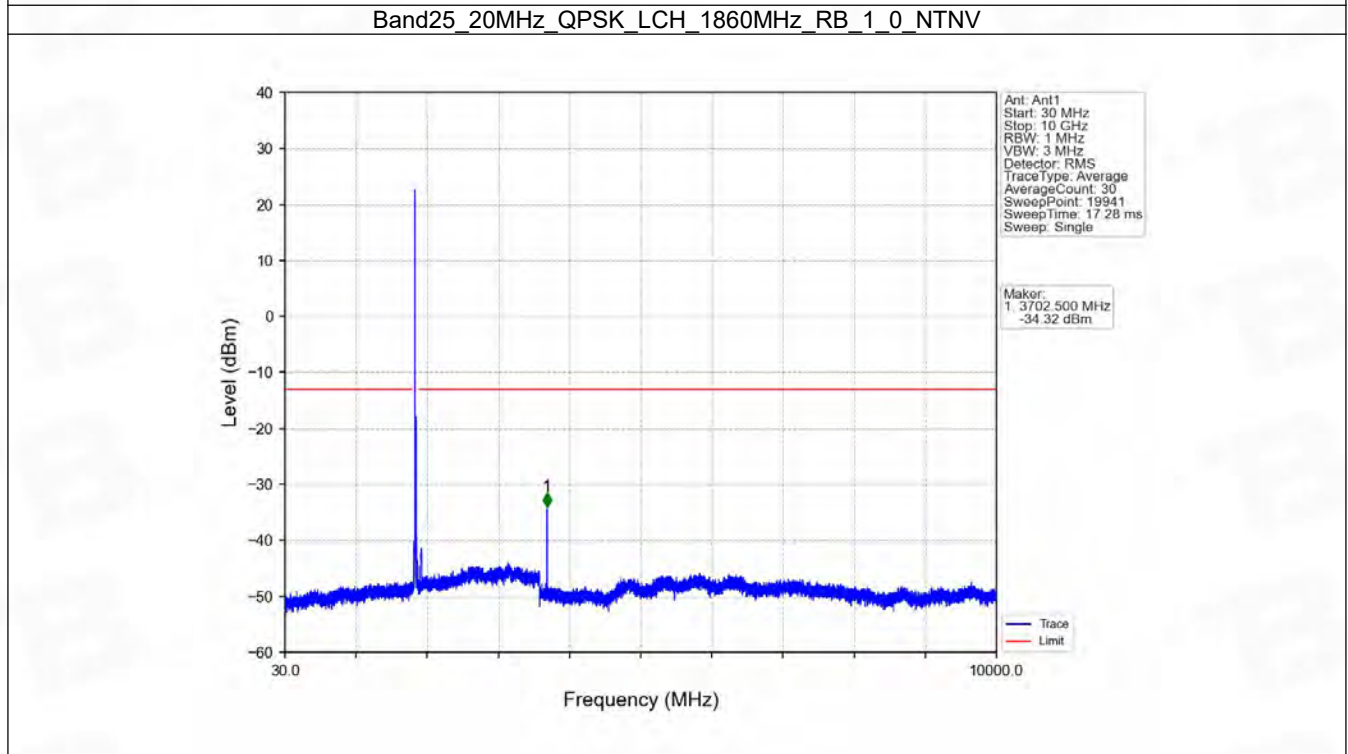
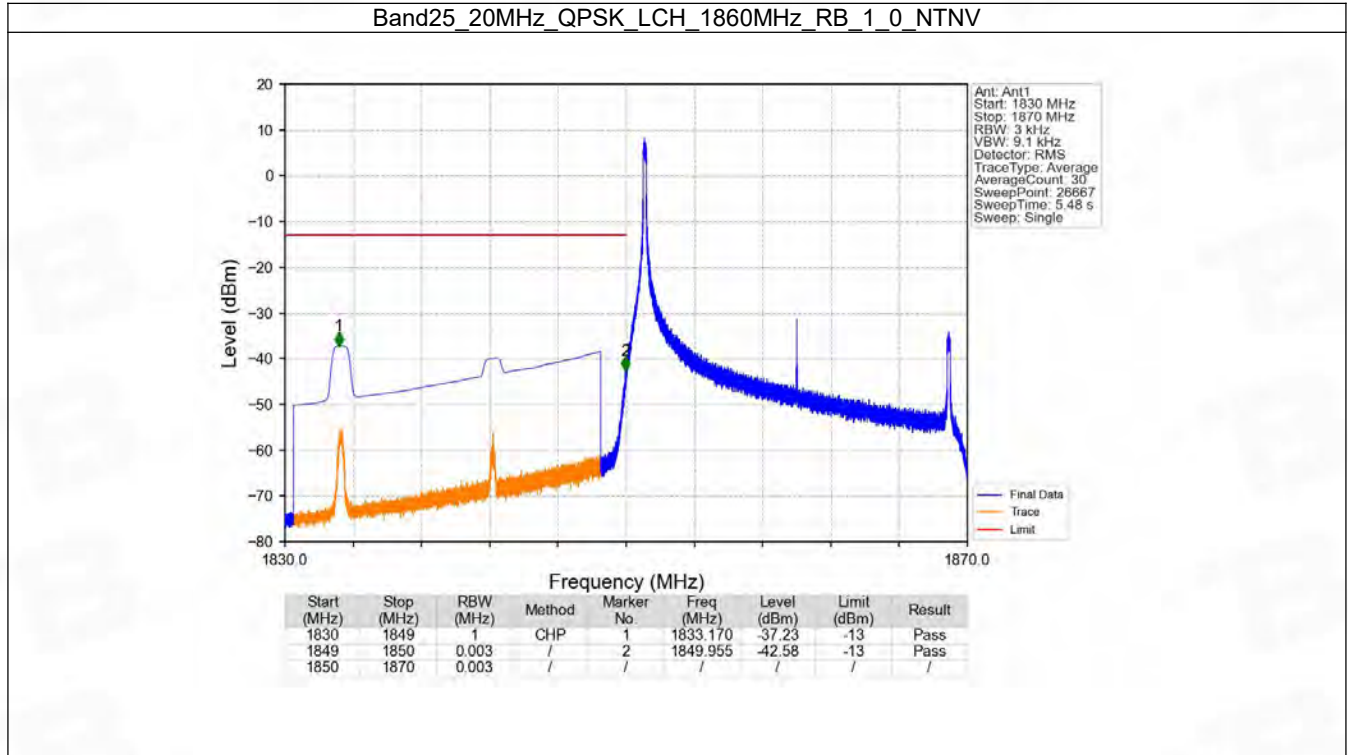
## 6.6 B25\_20MHz

### 6.6.1 Test Result

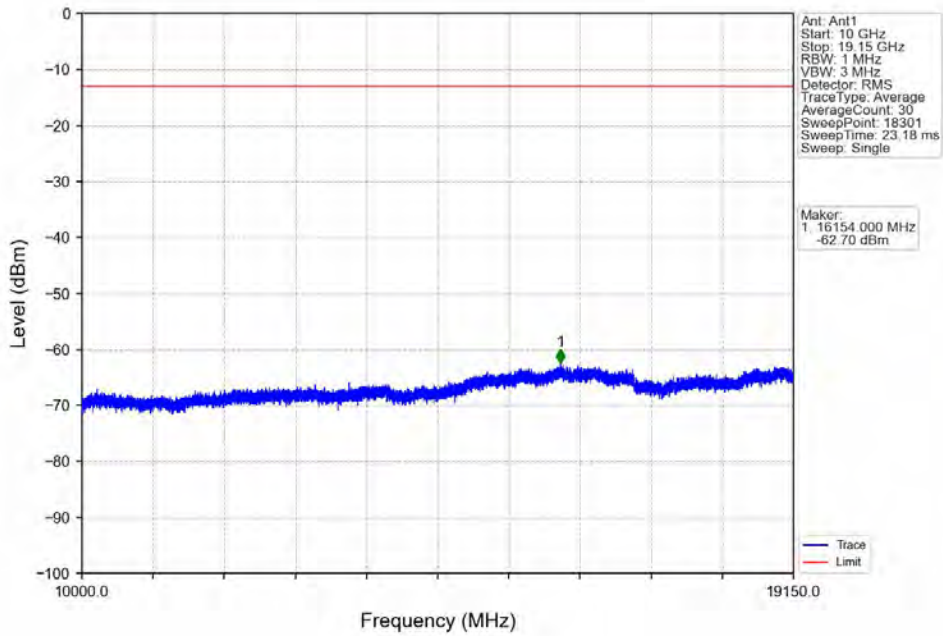
Band: 25 / Bandwidth: 20MHz / NTV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1860	1	0	Refer To Test Graph		Pass	
		100	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1905	1	0	Refer To Test Graph		Pass
				99	Refer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



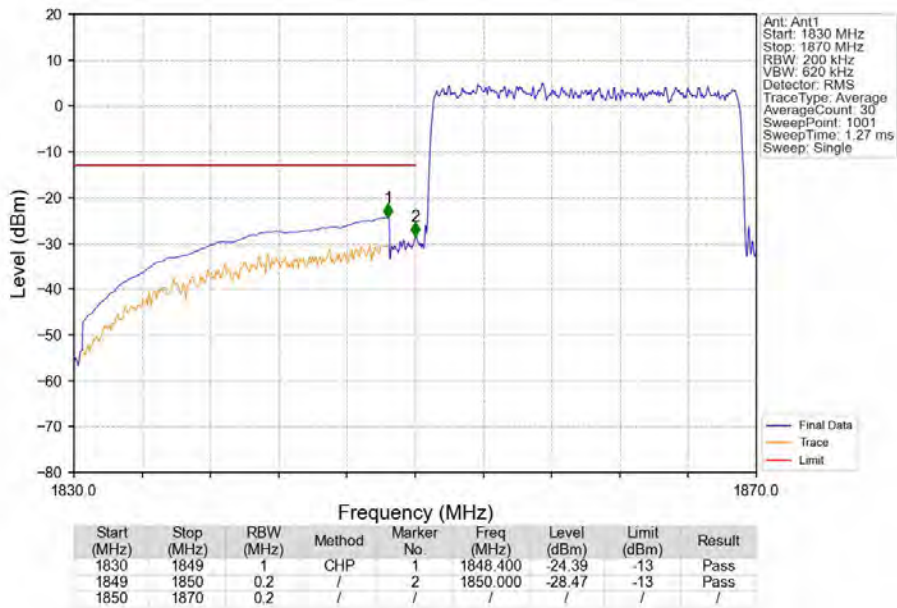
6.6.2 Test Graph



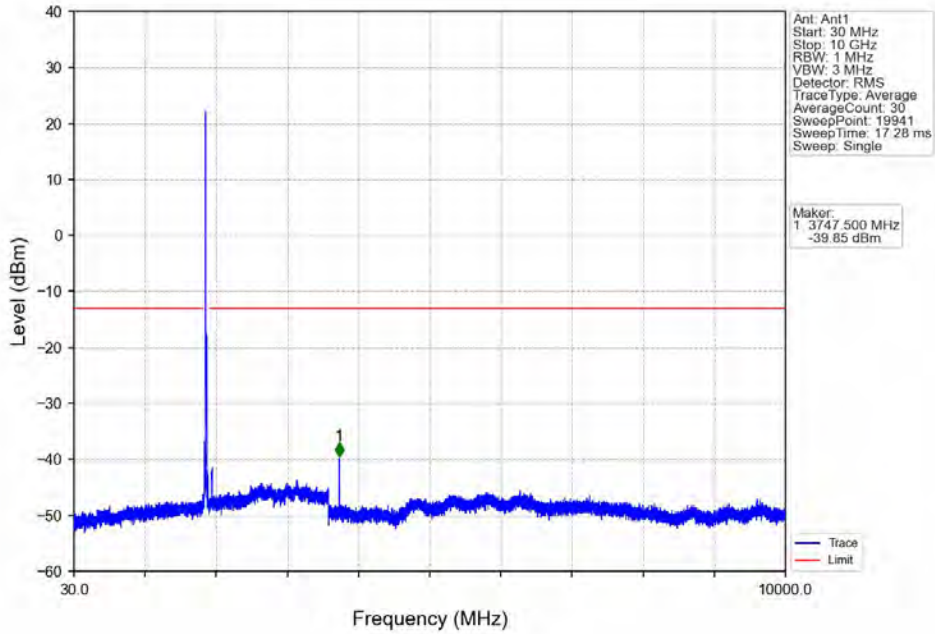
Band25 20MHz QPSK LCH 1860MHz RB 1 0 NTV



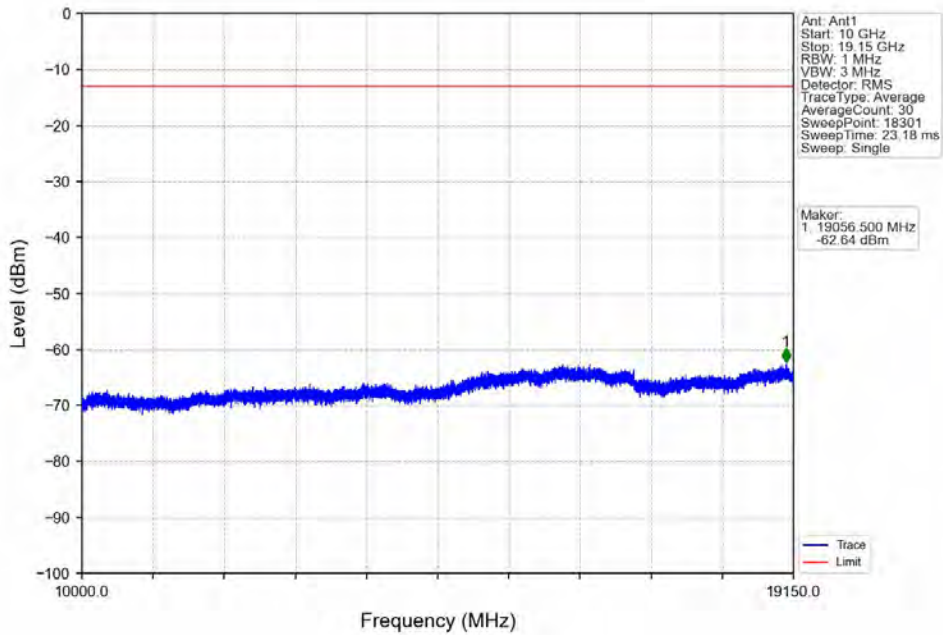
Band25 20MHz QPSK LCH 1860MHz RB 100 0 NTV



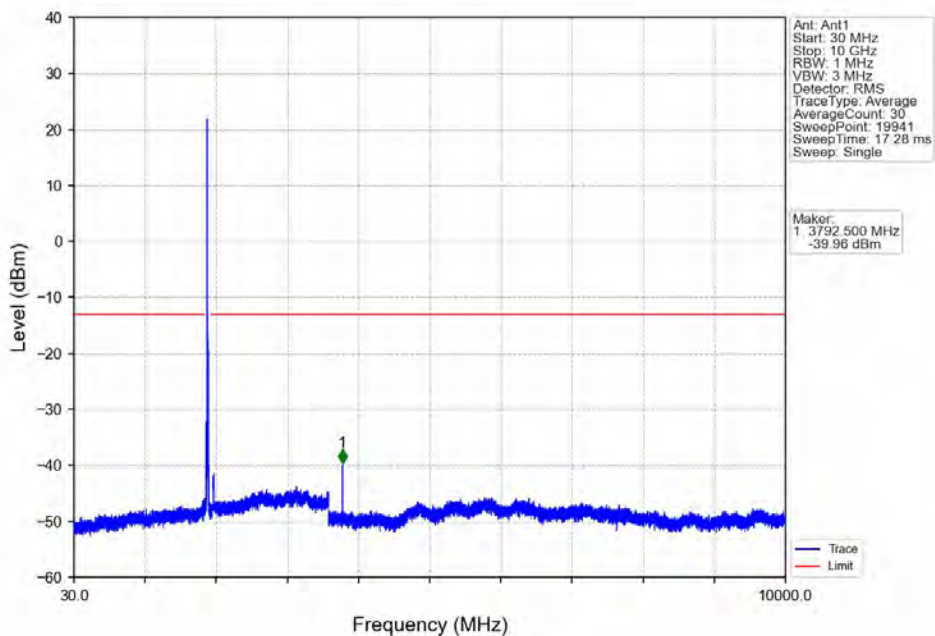
Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



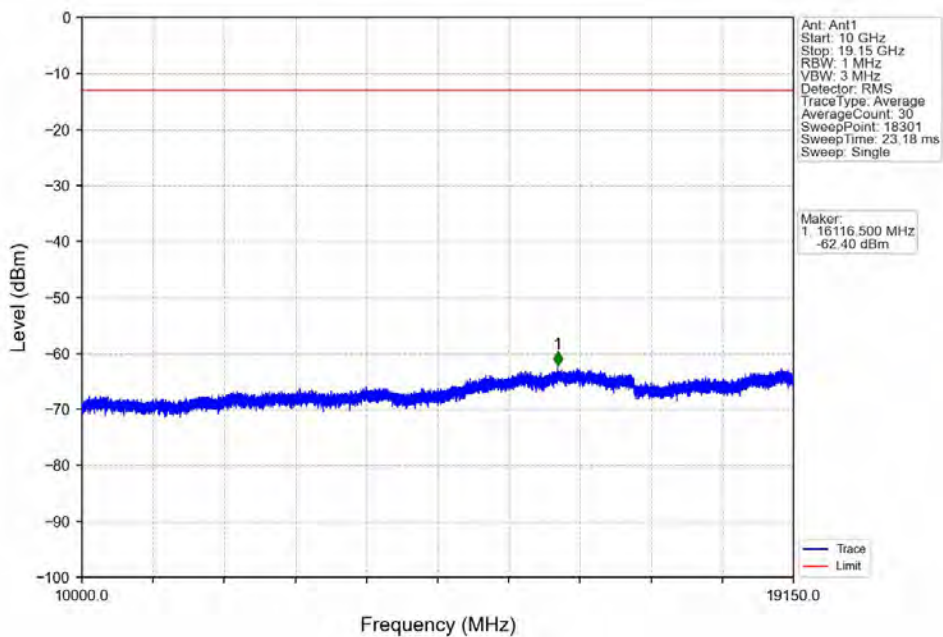
Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



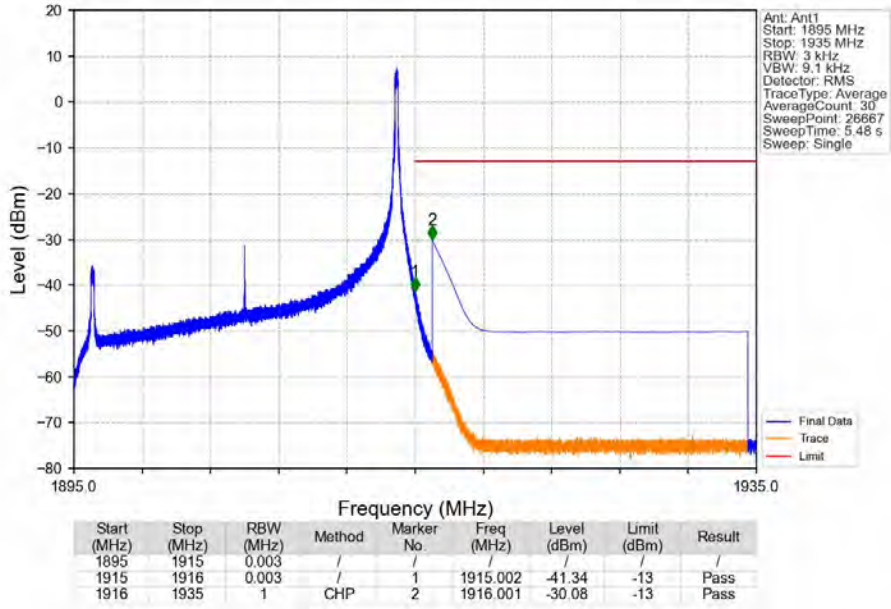
Band25 20MHz QPSK HCH 1905MHz RB 1 0 NTN



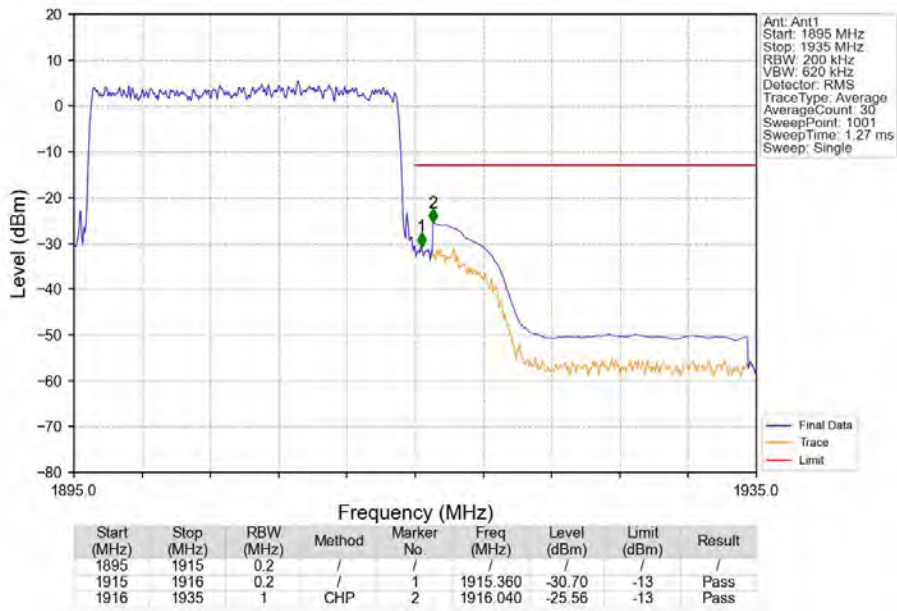
Band25 20MHz QPSK HCH 1905MHz RB 1 0 NTN



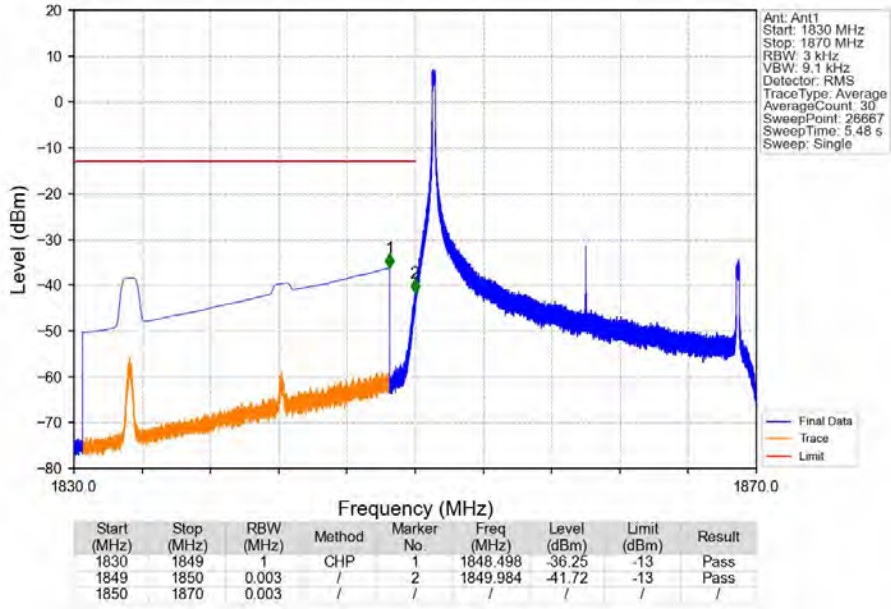
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_99\_NTNV



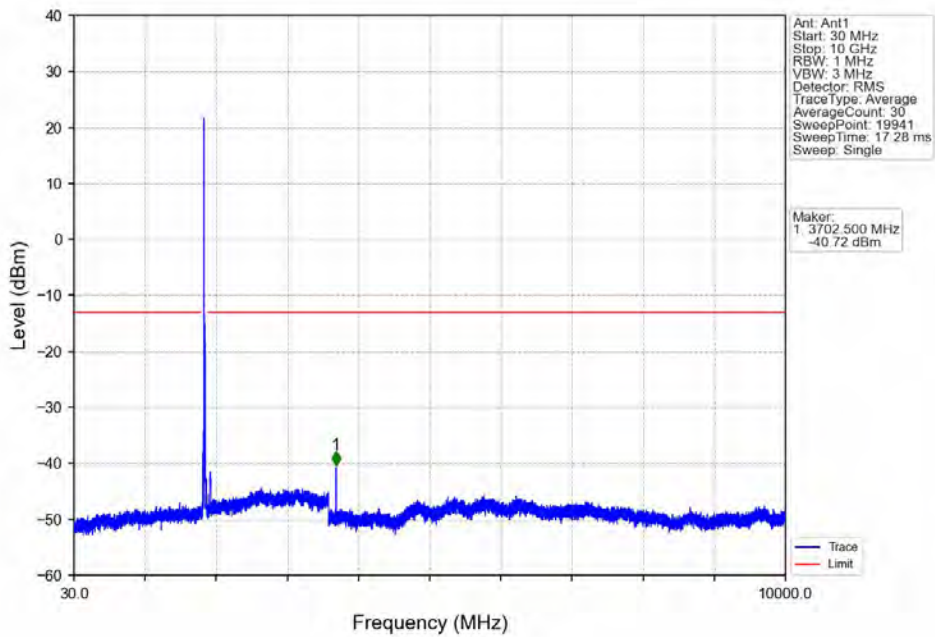
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV



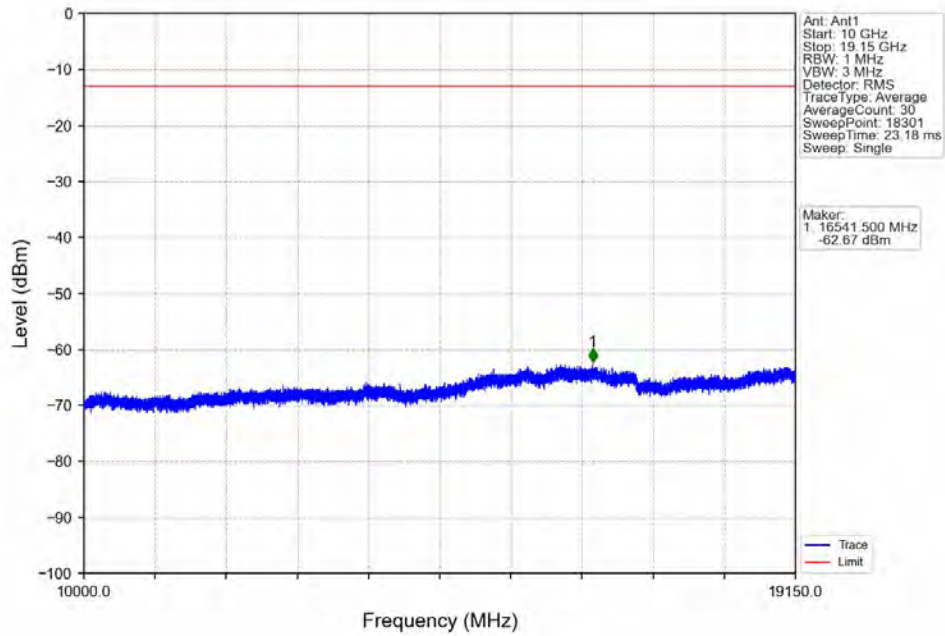
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



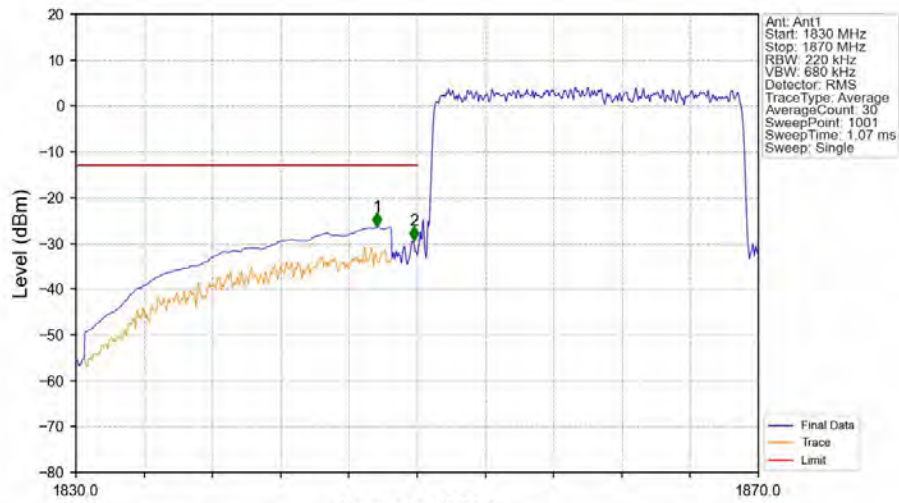
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



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

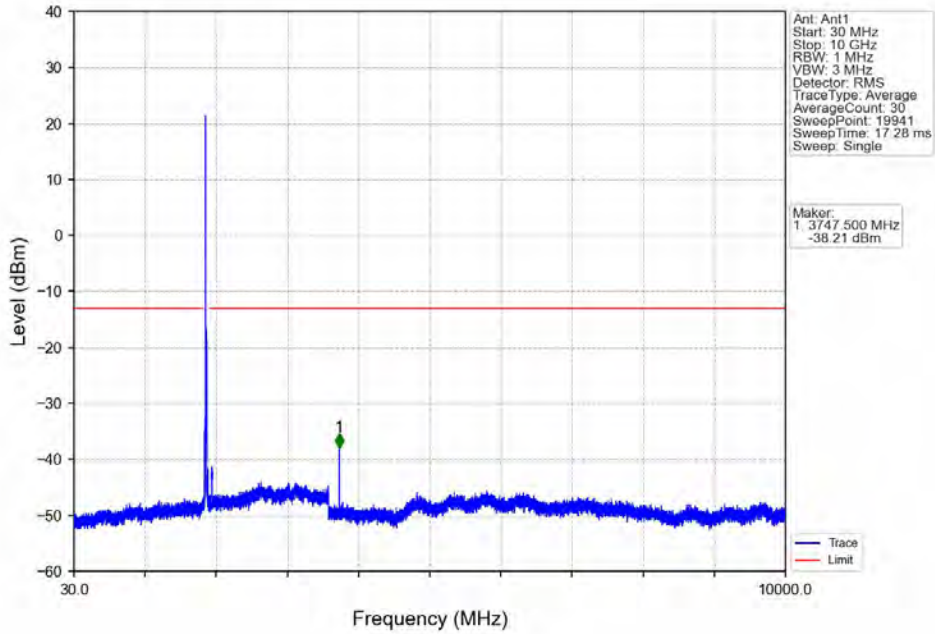


Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV

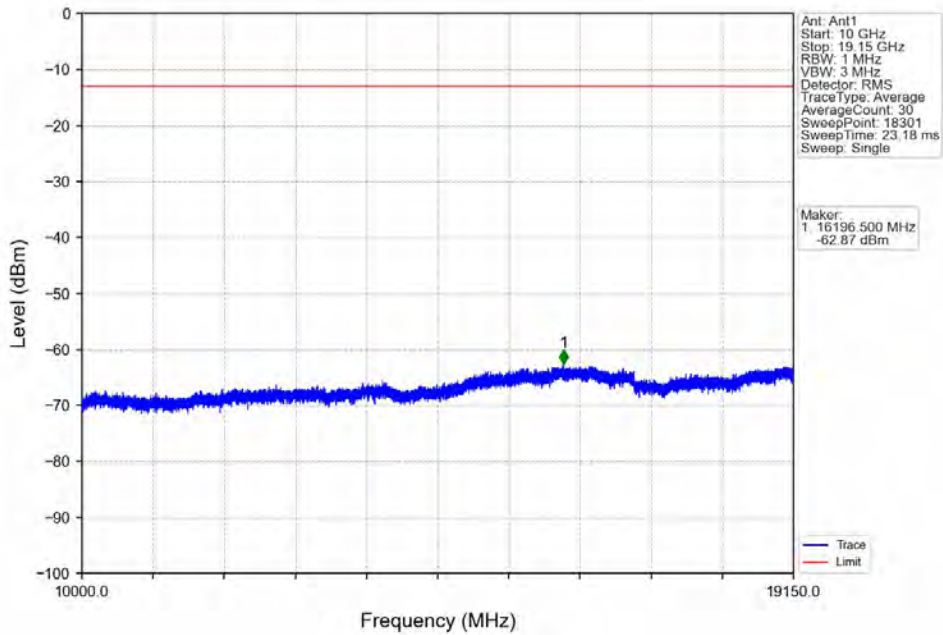


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1847.640	-26.46	-13	Pass
1849	1850	0.22	/	2	1849.800	-29.44	-13	Pass
1850	1870	0.22	/	/	/	/	/	/

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

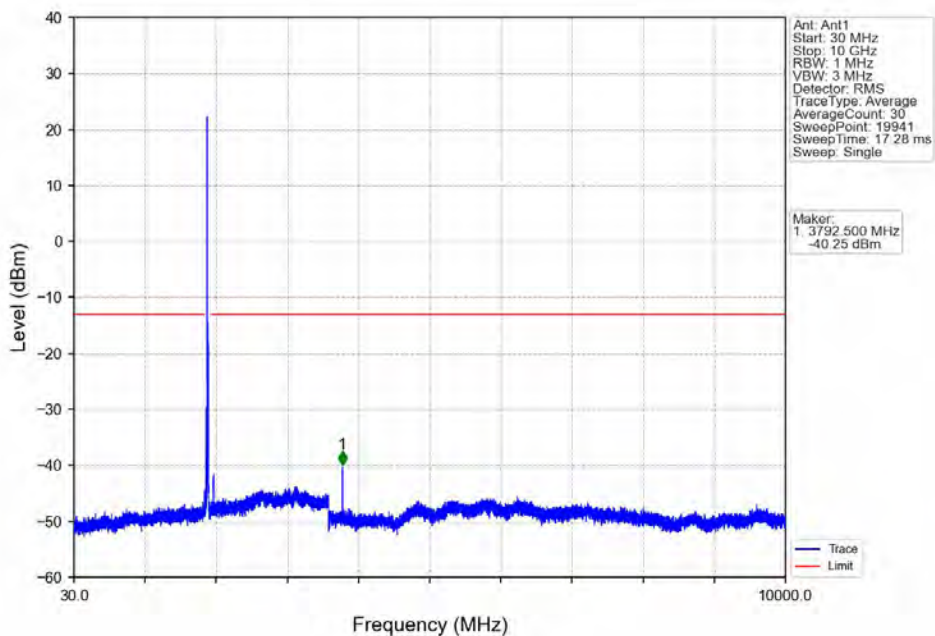


Band25\_20MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV

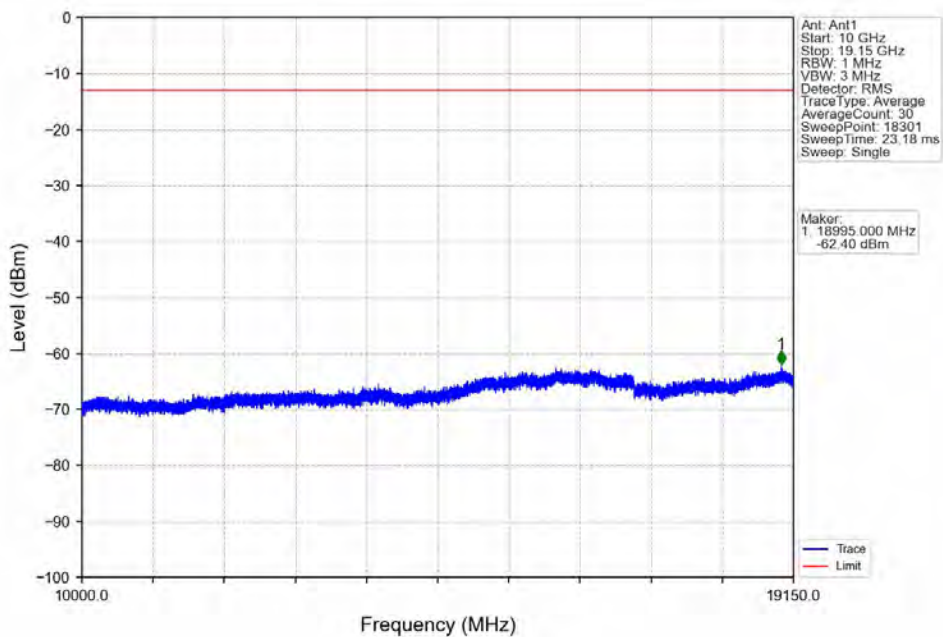




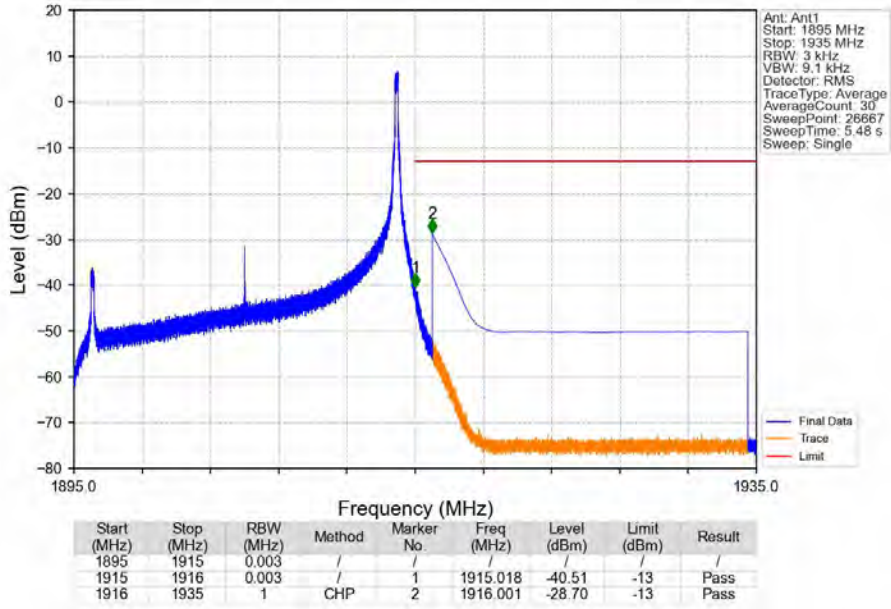
Band25\_20MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_0\_NTNV



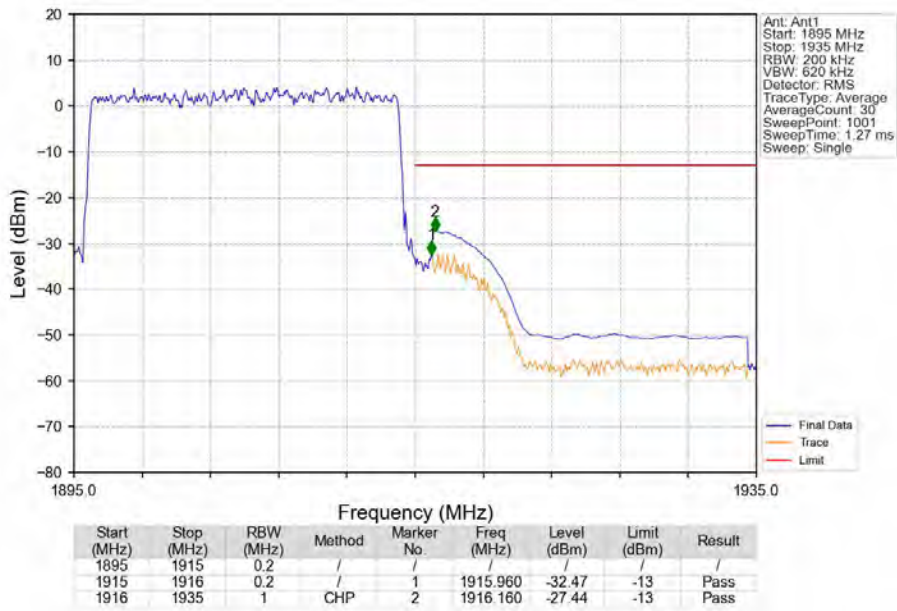
Band25\_20MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_0\_NTNV



Band25 20MHz 16QAM HCH 1905MHz RB 1 99 NTN



Band25 20MHz 16QAM HCH 1905MHz RB 100 0 NTN





## 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	0.2109	0.0249	ppm	1M11G7D	24E	23.24
25	1.4	1850.7	1914.3	0.1923	0.0272	ppm	1M12W7D	24E	22.84
25	3	1851.5	1913.5	0.2094	0.0254	ppm	2M78G7D	24E	23.21
25	3	1851.5	1913.5	0.1675	0.0275	ppm	2M78W7D	24E	22.24
25	5	1852.5	1912.5	0.2133	0.0267	ppm	4M58G7D	24E	23.29
25	5	1852.5	1912.5	0.1854	0.0273	ppm	4M59W7D	24E	22.68
25	10	1855	1910	0.2056	0.0232	ppm	9M09G7D	24E	23.13
25	10	1855	1910	0.2009	0.0247	ppm	9M08W7D	24E	23.03
25	15	1857.5	1907.5	0.2056	0.0223	ppm	13M6G7D	24E	23.13
25	15	1857.5	1907.5	0.2148	0.0237	ppm	13M6W7D	24E	23.32
25	20	1860	1905	0.2143	0.0248	ppm	18M2G7D	24E	23.31
25	20	1860	1905	0.2163	0.0208	ppm	18M2W7D	24E	23.35

### 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	0.1954	0.0249	ppm	1M11G7D	24E	22.91
25	1.4	1850.7	1914.3	0.1782	0.0272	ppm	1M12W7D	24E	22.51
25	3	1851.5	1913.5	0.1941	0.0254	ppm	2M78G7D	24E	22.88
25	3	1851.5	1913.5	0.1552	0.0275	ppm	2M78W7D	24E	21.91
25	5	1852.5	1912.5	0.1977	0.0267	ppm	4M58G7D	24E	22.96
25	5	1852.5	1912.5	0.1718	0.0273	ppm	4M59W7D	24E	22.35
25	10	1855	1910	0.1905	0.0232	ppm	9M09G7D	24E	22.80
25	10	1855	1910	0.1862	0.0247	ppm	9M08W7D	24E	22.70
25	15	1857.5	1907.5	0.1905	0.0223	ppm	13M6G7D	24E	22.80
25	15	1857.5	1907.5	0.1991	0.0237	ppm	13M6W7D	24E	22.99
25	20	1860	1905	0.1986	0.0248	ppm	18M2G7D	24E	22.98
25	20	1860	1905	0.2004	0.0208	ppm	18M2W7D	24E	23.02