

# 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	22.58	0.34	22.92	<=33.01	Pass	
			2	22.71	0.34	23.05	<=33.01	Pass	
			5	22.58	0.34	22.92	<=33.01	Pass	
		3	0	22.59	0.34	22.93	<=33.01	Pass	
			2	22.63	0.34	22.97	<=33.01	Pass	
			3	22.62	0.34	22.96	<=33.01	Pass	
	6	0	21.66	0.34	22	<=33.01	Pass		
	1882.5	1	0	22.34	0.34	22.68	<=33.01	Pass	
			2	22.47	0.34	22.81	<=33.01	Pass	
			5	22.32	0.34	22.66	<=33.01	Pass	
		3	0	22.17	0.34	22.51	<=33.01	Pass	
			2	22.20	0.34	22.54	<=33.01	Pass	
			3	22.16	0.34	22.5	<=33.01	Pass	
	6	0	21.45	0.34	21.79	<=33.01	Pass		
	1914.3	1	0	21.26	0.34	21.6	<=33.01	Pass	
			2	20.40	0.34	20.74	<=33.01	Pass	
			5	19.86	0.34	20.2	<=33.01	Pass	
		3	0	20.44	0.34	20.78	<=33.01	Pass	
			2	20.10	0.34	20.44	<=33.01	Pass	
			3	19.90	0.34	20.24	<=33.01	Pass	
	6	0	20.09	0.34	20.43	<=33.01	Pass		
	16QAM	1850.7	1	0	21.53	0.34	21.87	<=33.01	Pass
				2	21.66	0.34	22	<=33.01	Pass
				5	21.60	0.34	21.94	<=33.01	Pass
3			0	21.65	0.34	21.99	<=33.01	Pass	
			2	21.64	0.34	21.98	<=33.01	Pass	
			3	21.64	0.34	21.98	<=33.01	Pass	
6		0	20.54	0.34	20.88	<=33.01	Pass		
1882.5		1	0	21.27	0.34	21.61	<=33.01	Pass	
			2	21.36	0.34	21.7	<=33.01	Pass	
			5	21.27	0.34	21.61	<=33.01	Pass	
		3	0	20.91	0.34	21.25	<=33.01	Pass	
			2	21.03	0.34	21.37	<=33.01	Pass	
			3	20.84	0.34	21.18	<=33.01	Pass	
6		0	20.26	0.34	20.6	<=33.01	Pass		
1914.3		1	0	20.34	0.34	20.68	<=33.01	Pass	
			2	20.04	0.34	20.38	<=33.01	Pass	
			5	19.50	0.34	19.84	<=33.01	Pass	
		3	0	20.24	0.34	20.58	<=33.01	Pass	
			2	19.98	0.34	20.32	<=33.01	Pass	
			3	19.79	0.34	20.13	<=33.01	Pass	
6		0	19.89	0.34	20.23	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.2 B25\_3MHz\_EIRP

### 1.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1851.5	1	0	22.59	0.34	22.93	<=33.01	Pass		
			7	22.35	0.34	22.69	<=33.01	Pass		
			14	22.18	0.34	22.52	<=33.01	Pass		
		8	0	21.21	0.34	21.55	<=33.01	Pass		
			4	21.24	0.34	21.58	<=33.01	Pass		
			7	21.19	0.34	21.53	<=33.01	Pass		
		15	0	21.18	0.34	21.52	<=33.01	Pass		
		1882.5	1	0	22.00	0.34	22.34	<=33.01	Pass	
				7	22.03	0.34	22.37	<=33.01	Pass	
	14			21.88	0.34	22.22	<=33.01	Pass		
	8		0	20.99	0.34	21.33	<=33.01	Pass		
			4	20.98	0.34	21.32	<=33.01	Pass		
			7	20.95	0.34	21.29	<=33.01	Pass		
	15		0	20.85	0.34	21.19	<=33.01	Pass		
	1913.5		1	0	21.95	0.34	22.29	<=33.01	Pass	
				7	21.49	0.34	21.83	<=33.01	Pass	
		14		19.91	0.34	20.25	<=33.01	Pass		
		8	0	21.04	0.34	21.38	<=33.01	Pass		
			4	21.02	0.34	21.36	<=33.01	Pass		
			7	20.37	0.34	20.71	<=33.01	Pass		
		15	0	20.93	0.34	21.27	<=33.01	Pass		
		16QAM	1851.5	1	0	21.23	0.34	21.57	<=33.01	Pass
					7	21.35	0.34	21.69	<=33.01	Pass
	14				21.18	0.34	21.52	<=33.01	Pass	
8	0			20.25	0.34	20.59	<=33.01	Pass		
	4			20.26	0.34	20.6	<=33.01	Pass		
	7			20.19	0.34	20.53	<=33.01	Pass		
15	0			20.19	0.34	20.53	<=33.01	Pass		
1882.5	1			0	20.94	0.34	21.28	<=33.01	Pass	
				7	21.03	0.34	21.37	<=33.01	Pass	
			14	20.96	0.34	21.3	<=33.01	Pass		
	8		0	19.79	0.34	20.13	<=33.01	Pass		
			4	19.82	0.34	20.16	<=33.01	Pass		
			7	19.79	0.34	20.13	<=33.01	Pass		
	15		0	19.71	0.34	20.05	<=33.01	Pass		
	1913.5		1	0	21.11	0.34	21.45	<=33.01	Pass	
				7	21.03	0.34	21.37	<=33.01	Pass	
14				19.90	0.34	20.24	<=33.01	Pass		
8			0	19.84	0.34	20.18	<=33.01	Pass		
			4	19.90	0.34	20.24	<=33.01	Pass		
			7	19.82	0.34	20.16	<=33.01	Pass		
15			0	19.68	0.34	20.02	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.3 B25\_5MHz\_EIRP

### 1.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1852.5	1	0	22.30	0.34	22.64	<=33.01	Pass		
			13	22.13	0.34	22.47	<=33.01	Pass		
			24	22.00	0.34	22.34	<=33.01	Pass		
		12	0	21.16	0.34	21.5	<=33.01	Pass		
			6	21.13	0.34	21.47	<=33.01	Pass		
			13	20.99	0.34	21.33	<=33.01	Pass		
		25	0	21.10	0.34	21.44	<=33.01	Pass		
		1882.5	1	0	21.84	0.34	22.18	<=33.01	Pass	
				13	21.88	0.34	22.22	<=33.01	Pass	
	24			21.71	0.34	22.05	<=33.01	Pass		
	12		0	20.74	0.34	21.08	<=33.01	Pass		
			6	20.79	0.34	21.13	<=33.01	Pass		
			13	20.73	0.34	21.07	<=33.01	Pass		
	25		0	20.75	0.34	21.09	<=33.01	Pass		
	1912.5		1	0	21.66	0.34	22	<=33.01	Pass	
				13	21.95	0.34	22.29	<=33.01	Pass	
		24		20.30	0.34	20.64	<=33.01	Pass		
		12	0	20.67	0.34	21.01	<=33.01	Pass		
			6	20.76	0.34	21.1	<=33.01	Pass		
			13	20.60	0.34	20.94	<=33.01	Pass		
		25	0	20.68	0.34	21.02	<=33.01	Pass		
		16QAM	1852.5	1	0	21.10	0.34	21.44	<=33.01	Pass
					13	21.22	0.34	21.56	<=33.01	Pass
	24				21.12	0.34	21.46	<=33.01	Pass	
12	0			20.14	0.34	20.48	<=33.01	Pass		
	6			20.13	0.34	20.47	<=33.01	Pass		
	13			20.00	0.34	20.34	<=33.01	Pass		
25	0			20.10	0.34	20.44	<=33.01	Pass		
1882.5	1			0	20.81	0.34	21.15	<=33.01	Pass	
				13	20.93	0.34	21.27	<=33.01	Pass	
			24	20.93	0.34	21.27	<=33.01	Pass		
	12		0	19.64	0.34	19.98	<=33.01	Pass		
			6	19.73	0.34	20.07	<=33.01	Pass		
			13	19.73	0.34	20.07	<=33.01	Pass		
	25		0	19.65	0.34	19.99	<=33.01	Pass		
	1912.5		1	0	20.55	0.34	20.89	<=33.01	Pass	
				13	20.59	0.34	20.93	<=33.01	Pass	
24				20.26	0.34	20.6	<=33.01	Pass		
12			0	19.63	0.34	19.97	<=33.01	Pass		
			6	19.72	0.34	20.06	<=33.01	Pass		
			13	19.52	0.34	19.86	<=33.01	Pass		
25			0	19.68	0.34	20.02	<=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	22.08	0.34	22.42	<=33.01	Pass		
			25	22.27	0.34	22.61	<=33.01	Pass		
			49	21.99	0.34	22.33	<=33.01	Pass		
		25	0	21.33	0.34	21.67	<=33.01	Pass		
			13	21.15	0.34	21.49	<=33.01	Pass		
			25	20.99	0.34	21.33	<=33.01	Pass		
		50	0	21.20	0.34	21.54	<=33.01	Pass		
		1882.5	1	0	21.95	0.34	22.29	<=33.01	Pass	
				25	22.04	0.34	22.38	<=33.01	Pass	
	49			21.71	0.34	22.05	<=33.01	Pass		
	25		0	20.80	0.34	21.14	<=33.01	Pass		
			13	20.88	0.34	21.22	<=33.01	Pass		
			25	20.80	0.34	21.14	<=33.01	Pass		
	50		0	20.79	0.34	21.13	<=33.01	Pass		
	1910		1	0	21.82	0.34	22.16	<=33.01	Pass	
				25	21.88	0.34	22.22	<=33.01	Pass	
		49		20.78	0.34	21.12	<=33.01	Pass		
		25	0	21.03	0.34	21.37	<=33.01	Pass		
			13	20.82	0.34	21.16	<=33.01	Pass		
			25	20.81	0.34	21.15	<=33.01	Pass		
		50	0	20.90	0.34	21.24	<=33.01	Pass		
		16QAM	1855	1	0	21.06	0.34	21.4	<=33.01	Pass
					25	21.28	0.34	21.62	<=33.01	Pass
	49				21.00	0.34	21.34	<=33.01	Pass	
25	0			20.37	0.34	20.71	<=33.01	Pass		
	13			20.20	0.34	20.54	<=33.01	Pass		
	25			20.09	0.34	20.43	<=33.01	Pass		
50	0			20.20	0.34	20.54	<=33.01	Pass		
1882.5	1			0	20.85	0.34	21.19	<=33.01	Pass	
				25	21.05	0.34	21.39	<=33.01	Pass	
			49	20.88	0.34	21.22	<=33.01	Pass		
	25		0	19.66	0.34	20	<=33.01	Pass		
			13	19.78	0.34	20.12	<=33.01	Pass		
			25	19.74	0.34	20.08	<=33.01	Pass		
	50		0	19.70	0.34	20.04	<=33.01	Pass		
	1910		1	0	20.96	0.34	21.3	<=33.01	Pass	
				25	21.44	0.34	21.78	<=33.01	Pass	
49				20.83	0.34	21.17	<=33.01	Pass		
25			0	20.07	0.34	20.41	<=33.01	Pass		
			13	19.83	0.34	20.17	<=33.01	Pass		
			25	19.81	0.34	20.15	<=33.01	Pass		
50			0	19.89	0.34	20.23	<=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 (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1857.5	1	0	21.92	0.34	22.26	<=33.01	Pass	
			38	22.05	0.34	22.39	<=33.01	Pass	
			74	21.83	0.34	22.17	<=33.01	Pass	
		36	0	21.22	0.34	21.56	<=33.01	Pass	
			18	21.07	0.34	21.41	<=33.01	Pass	
			39	21.00	0.34	21.34	<=33.01	Pass	
		75	0	21.14	0.34	21.48	<=33.01	Pass	
		1882.5	1	0	22.76	0.34	23.1	<=33.01	Pass
				38	23.02	0.34	23.36	<=33.01	Pass
	74			22.80	0.34	23.14	<=33.01	Pass	
	36		0	21.95	0.34	22.29	<=33.01	Pass	
			18	22.03	0.34	22.37	<=33.01	Pass	
			39	22.01	0.34	22.35	<=33.01	Pass	
	75	0	22.03	0.34	22.37	<=33.01	Pass		
	1907.5	1	0	22.92	0.34	23.26	<=33.01	Pass	
			38	23.20	0.34	23.54	<=33.01	Pass	
			74	23.04	0.34	23.38	<=33.01	Pass	
		36	0	22.21	0.34	22.55	<=33.01	Pass	
18			22.31	0.34	22.65	<=33.01	Pass		
39			22.14	0.34	22.48	<=33.01	Pass		
75		0	22.15	0.34	22.49	<=33.01	Pass		
16QAM		1857.5	1	0	21.25	0.34	21.59	<=33.01	Pass
				38	21.48	0.34	21.82	<=33.01	Pass
	74			20.99	0.34	21.33	<=33.01	Pass	
	36		0	20.19	0.34	20.53	<=33.01	Pass	
			18	20.07	0.34	20.41	<=33.01	Pass	
			39	19.92	0.34	20.26	<=33.01	Pass	
	75		0	20.05	0.34	20.39	<=33.01	Pass	
	1882.5		1	0	21.84	0.34	22.18	<=33.01	Pass
				38	22.08	0.34	22.42	<=33.01	Pass
		74		22.11	0.34	22.45	<=33.01	Pass	
		36	0	20.86	0.34	21.2	<=33.01	Pass	
			18	20.95	0.34	21.29	<=33.01	Pass	
			39	20.94	0.34	21.28	<=33.01	Pass	
	75	0	20.92	0.34	21.26	<=33.01	Pass		
	1907.5	1	0	21.96	0.34	22.3	<=33.01	Pass	
			38	22.21	0.34	22.55	<=33.01	Pass	
			74	22.09	0.34	22.43	<=33.01	Pass	
		36	0	21.09	0.34	21.43	<=33.01	Pass	
18			21.23	0.34	21.57	<=33.01	Pass		
39			21.15	0.34	21.49	<=33.01	Pass		
75		0	21.11	0.34	21.45	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.6 B25\_20MHz\_EIRP

### 1.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1860	1	0	22.43	0.34	22.77	<=33.01	Pass		
			50	22.95	0.34	23.29	<=33.01	Pass		
			99	22.52	0.34	22.86	<=33.01	Pass		
		50	0	22.03	0.34	22.37	<=33.01	Pass		
			25	21.81	0.34	22.15	<=33.01	Pass		
			50	21.78	0.34	22.12	<=33.01	Pass		
		100	0	21.94	0.34	22.28	<=33.01	Pass		
		1882.5	1	0	22.54	0.34	22.88	<=33.01	Pass	
				50	23.12	0.34	23.46	<=33.01	Pass	
	99			22.71	0.34	23.05	<=33.01	Pass		
	50		0	21.81	0.34	22.15	<=33.01	Pass		
			25	21.92	0.34	22.26	<=33.01	Pass		
			50	21.91	0.34	22.25	<=33.01	Pass		
	100		0	21.88	0.34	22.22	<=33.01	Pass		
	1905		1	0	22.72	0.34	23.06	<=33.01	Pass	
				50	23.43	0.34	23.77	<=33.01	Pass	
		99		22.91	0.34	23.25	<=33.01	Pass		
		50	0	22.05	0.34	22.39	<=33.01	Pass		
			25	22.08	0.34	22.42	<=33.01	Pass		
			50	21.94	0.34	22.28	<=33.01	Pass		
		100	0	22.02	0.34	22.36	<=33.01	Pass		
		16QAM	1860	1	0	21.97	0.34	22.31	<=33.01	Pass
					50	22.49	0.34	22.83	<=33.01	Pass
	99				21.96	0.34	22.3	<=33.01	Pass	
50	0			21.06	0.34	21.4	<=33.01	Pass		
	25			20.84	0.34	21.18	<=33.01	Pass		
	50			20.81	0.34	21.15	<=33.01	Pass		
100	0			20.96	0.34	21.3	<=33.01	Pass		
1882.5	1			0	21.55	0.34	21.89	<=33.01	Pass	
				50	22.12	0.34	22.46	<=33.01	Pass	
			99	21.88	0.34	22.22	<=33.01	Pass		
	50		0	20.74	0.34	21.08	<=33.01	Pass		
			25	20.88	0.34	21.22	<=33.01	Pass		
			50	20.93	0.34	21.27	<=33.01	Pass		
	100		0	20.87	0.34	21.21	<=33.01	Pass		
	1905		1	0	21.97	0.34	22.31	<=33.01	Pass	
				50	22.42	0.34	22.76	<=33.01	Pass	
99				22.06	0.34	22.4	<=33.01	Pass		
50			0	21.05	0.34	21.39	<=33.01	Pass		
			25	21.02	0.34	21.36	<=33.01	Pass		
			50	20.93	0.34	21.27	<=33.01	Pass		
100			0	21.01	0.34	21.35	<=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	-6.495	-0.0035	-2.5 to 2.5	Pass
					3.85	1.101	0.0006	-2.5 to 2.5	Pass
					4.43	-3.247	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				-20	3.85	2.847	0.0015	-2.5 to 2.5	Pass
				-10	3.85	1.903	0.0010	-2.5 to 2.5	Pass
				0	3.85	7.210	0.0039	-2.5 to 2.5	Pass
				10	3.85	7.668	0.0041	-2.5 to 2.5	Pass
				30	3.85	10.915	0.0059	-2.5 to 2.5	Pass
				40	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
	50	3.85	7.010	0.0038	-2.5 to 2.5	Pass			
	1882.5	6	0	20	3.27	7.911	0.0042	-2.5 to 2.5	Pass
					3.85	3.991	0.0021	-2.5 to 2.5	Pass
					4.43	1.588	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	0.629	0.0003	-2.5 to 2.5	Pass
				-10	3.85	3.448	0.0018	-2.5 to 2.5	Pass
				0	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				10	3.85	3.004	0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.216	-0.0006	-2.5 to 2.5	Pass
				40	3.85	3.219	0.0017	-2.5 to 2.5	Pass
	50	3.85	-1.016	-0.0005	-2.5 to 2.5	Pass			
	1914.3	6	0	20	3.27	6.838	0.0036	-2.5 to 2.5	Pass
					3.85	6.924	0.0036	-2.5 to 2.5	Pass
					4.43	3.290	0.0017	-2.5 to 2.5	Pass
				-30	3.85	7.710	0.0040	-2.5 to 2.5	Pass
				-20	3.85	4.478	0.0023	-2.5 to 2.5	Pass
				-10	3.85	6.094	0.0032	-2.5 to 2.5	Pass
				0	3.85	8.769	0.0046	-2.5 to 2.5	Pass
				10	3.85	7.682	0.0040	-2.5 to 2.5	Pass
30				3.85	7.710	0.0040	-2.5 to 2.5	Pass	
40				3.85	8.154	0.0043	-2.5 to 2.5	Pass	
50	3.85	7.582	0.0040	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	1.330	0.0007	-2.5 to 2.5	Pass
					3.85	5.393	0.0029	-2.5 to 2.5	Pass
					4.43	1.402	0.0008	-2.5 to 2.5	Pass
				-30	3.85	2.418	0.0013	-2.5 to 2.5	Pass
				-20	3.85	6.208	0.0034	-2.5 to 2.5	Pass
				-10	3.85	4.420	0.0024	-2.5 to 2.5	Pass
				0	3.85	1.774	0.0010	-2.5 to 2.5	Pass
				10	3.85	2.675	0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
				40	3.85	7.882	0.0043	-2.5 to 2.5	Pass
	50	3.85	4.020	0.0022	-2.5 to 2.5	Pass			
	1882.5	6	0	20	3.27	3.233	0.0017	-2.5 to 2.5	Pass
					3.85	4.706	0.0025	-2.5 to 2.5	Pass
					4.43	-5.021	-0.0027	-2.5 to 2.5	Pass
-30				3.85	5.479	0.0029	-2.5 to 2.5	Pass	
-20	3.85	0.143	0.0001	-2.5 to 2.5	Pass				

	1914.3	6	0	-10	3.85	2.689	0.0014	-2.5 to 2.5	Pass	
				0	3.85	0.701	0.0004	-2.5 to 2.5	Pass	
				10	3.85	5.207	0.0028	-2.5 to 2.5	Pass	
				30	3.85	-3.233	-0.0017	-2.5 to 2.5	Pass	
				40	3.85	3.719	0.0020	-2.5 to 2.5	Pass	
				50	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass	
		1914.3	6	0	20	3.27	0.272	0.0001	-2.5 to 2.5	Pass
						3.85	9.227	0.0048	-2.5 to 2.5	Pass
						4.43	3.147	0.0016	-2.5 to 2.5	Pass
					-30	3.85	3.276	0.0017	-2.5 to 2.5	Pass
					-20	3.85	1.302	0.0007	-2.5 to 2.5	Pass
					-10	3.85	5.021	0.0026	-2.5 to 2.5	Pass
					0	3.85	5.522	0.0029	-2.5 to 2.5	Pass
					10	3.85	6.480	0.0034	-2.5 to 2.5	Pass
					30	3.85	2.661	0.0014	-2.5 to 2.5	Pass
					40	3.85	2.532	0.0013	-2.5 to 2.5	Pass
					50	3.85	2.847	0.0015	-2.5 to 2.5	Pass

## 2.2 B25\_3MHz

### 2.2.1 Test Result

Band: 25 / Bandwidth: 3MHz												
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict			
		Size	Offset				Result	Limit				
QPSK	1851.5	15	0	20	3.27	6.852	0.0037	-2.5 to 2.5	Pass			
					3.85	4.478	0.0024	-2.5 to 2.5	Pass			
					4.43	6.967	0.0038	-2.5 to 2.5	Pass			
				-30	3.85	6.795	0.0037	-2.5 to 2.5	Pass			
				-20	3.85	0.758	0.0004	-2.5 to 2.5	Pass			
				-10	3.85	8.626	0.0047	-2.5 to 2.5	Pass			
				0	3.85	8.125	0.0044	-2.5 to 2.5	Pass			
				10	3.85	10.457	0.0056	-2.5 to 2.5	Pass			
				30	3.85	2.947	0.0016	-2.5 to 2.5	Pass			
				40	3.85	6.752	0.0036	-2.5 to 2.5	Pass			
				50	3.85	7.553	0.0041	-2.5 to 2.5	Pass			
				1882.5	15	0	20	3.27	9.227	0.0049	-2.5 to 2.5	Pass
								3.85	1.459	0.0008	-2.5 to 2.5	Pass
								4.43	5.965	0.0032	-2.5 to 2.5	Pass
							-30	3.85	4.907	0.0026	-2.5 to 2.5	Pass
	-20	3.85	-1.817				-0.0010	-2.5 to 2.5	Pass			
	-10	3.85	4.792				0.0025	-2.5 to 2.5	Pass			
	0	3.85	3.476				0.0018	-2.5 to 2.5	Pass			
	10	3.85	7.610				0.0040	-2.5 to 2.5	Pass			
	30	3.85	0.830				0.0004	-2.5 to 2.5	Pass			
	40	3.85	-1.974				-0.0010	-2.5 to 2.5	Pass			
	50	3.85	2.618				0.0014	-2.5 to 2.5	Pass			
	1913.5	15	0				20	3.27	5.450	0.0028	-2.5 to 2.5	Pass
								3.85	3.805	0.0020	-2.5 to 2.5	Pass
								4.43	6.909	0.0036	-2.5 to 2.5	Pass
							-30	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	8.826	0.0046	-2.5 to 2.5	Pass			
				-10	3.85	1.760	0.0009	-2.5 to 2.5	Pass			
				0	3.85	1.731	0.0009	-2.5 to 2.5	Pass			
				10	3.85	6.924	0.0036	-2.5 to 2.5	Pass			
30				3.85	4.120	0.0022	-2.5 to 2.5	Pass				
40				3.85	7.167	0.0037	-2.5 to 2.5	Pass				



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

## 2.3 B25\_5MHz

### 2.3.1 Test Result

Band: 25 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.27	2.203	0.0012	-2.5 to 2.5	Pass
					3.85	6.895	0.0037	-2.5 to 2.5	Pass
					4.43	8.283	0.0045	-2.5 to 2.5	Pass
				-30	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.531	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.717	0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				10	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.730	0.0004	-2.5 to 2.5	Pass
	40	3.85	-3.419	-0.0018	-2.5 to 2.5	Pass			
	50	3.85	0.315	0.0002	-2.5 to 2.5	Pass			
	1882.5	25	0	20	3.27	0.515	0.0003	-2.5 to 2.5	Pass
					3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.604	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-3.347	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	2.718	0.0014	-2.5 to 2.5	Pass

				0	3.85	1.574	0.0008	-2.5 to 2.5	Pass				
				10	3.85	0.486	0.0003	-2.5 to 2.5	Pass				
				30	3.85	-3.476	-0.0018	-2.5 to 2.5	Pass				
				40	3.85	-4.363	-0.0023	-2.5 to 2.5	Pass				
				50	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass				
	1912.5	25	0	20	3.27	2.689	0.0014	-2.5 to 2.5	Pass				
					3.85	8.111	0.0042	-2.5 to 2.5	Pass				
					4.43	0.072	0.0000	-2.5 to 2.5	Pass				
				-30	3.85	1.688	0.0009	-2.5 to 2.5	Pass				
				-20	3.85	1.345	0.0007	-2.5 to 2.5	Pass				
				-10	3.85	3.204	0.0017	-2.5 to 2.5	Pass				
				0	3.85	2.418	0.0013	-2.5 to 2.5	Pass				
				10	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass				
				30	3.85	1.087	0.0006	-2.5 to 2.5	Pass				
				40	3.85	3.905	0.0020	-2.5 to 2.5	Pass				
				50	3.85	6.223	0.0033	-2.5 to 2.5	Pass				
				16QAM	1852.5	25	0	20	3.27	0.343	0.0002	-2.5 to 2.5	Pass
									3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
									4.43	-3.791	-0.0020	-2.5 to 2.5	Pass
-30	3.85	-2.718	-0.0015					-2.5 to 2.5	Pass				
-20	3.85	-3.061	-0.0017					-2.5 to 2.5	Pass				
-10	3.85	-6.323	-0.0034					-2.5 to 2.5	Pass				
0	3.85	-0.472	-0.0003					-2.5 to 2.5	Pass				
10	3.85	2.632	0.0014					-2.5 to 2.5	Pass				
30	3.85	3.061	0.0017					-2.5 to 2.5	Pass				
40	3.85	4.406	0.0024					-2.5 to 2.5	Pass				
50	3.85	0.844	0.0005					-2.5 to 2.5	Pass				
1882.5	25	0	20					3.27	-0.815	-0.0004	-2.5 to 2.5	Pass	
								3.85	-2.432	-0.0013	-2.5 to 2.5	Pass	
								4.43	-2.246	-0.0012	-2.5 to 2.5	Pass	
			-30					3.85	1.001	0.0005	-2.5 to 2.5	Pass	
			-20		3.85	2.890	0.0015	-2.5 to 2.5	Pass				
			-10		3.85	-4.864	-0.0026	-2.5 to 2.5	Pass				
			0		3.85	-2.589	-0.0014	-2.5 to 2.5	Pass				
			10		3.85	0.086	0.0000	-2.5 to 2.5	Pass				
			30		3.85	1.574	0.0008	-2.5 to 2.5	Pass				
			40		3.85	-0.973	-0.0005	-2.5 to 2.5	Pass				
			50		3.85	0.114	0.0001	-2.5 to 2.5	Pass				
			1912.5		25	0	20	3.27	3.448	0.0018	-2.5 to 2.5	Pass	
								3.85	2.317	0.0012	-2.5 to 2.5	Pass	
								4.43	-0.973	-0.0005	-2.5 to 2.5	Pass	
							-30	3.85	3.519	0.0018	-2.5 to 2.5	Pass	
-20	3.85	0.443					0.0002	-2.5 to 2.5	Pass				
-10	3.85	1.488					0.0008	-2.5 to 2.5	Pass				
0	3.85	-1.717					-0.0009	-2.5 to 2.5	Pass				
10	3.85	-2.160					-0.0011	-2.5 to 2.5	Pass				
30	3.85	0.057		0.0000			-2.5 to 2.5	Pass					
40	3.85	1.159		0.0006			-2.5 to 2.5	Pass					
50	3.85	-2.332		-0.0012			-2.5 to 2.5	Pass					

## 2.4 B25\_10MHz

### 2.4.1 Test Result

Band: 25 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	

QPSK	1855	50	0	20	3.27	1.588	0.0009	-2.5 to 2.5	Pass					
					3.85	-1.645	-0.0009	-2.5 to 2.5	Pass					
					4.43	-1.945	-0.0010	-2.5 to 2.5	Pass					
				-30	3.85	0.329	0.0002	-2.5 to 2.5	Pass					
					-20	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass				
						-10	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass			
				1882.5	50	0	20	3.85	-3.090	-0.0017	-2.5 to 2.5	Pass		
								10	3.85	-2.375	-0.0013	-2.5 to 2.5	Pass	
								30	3.85	-1.888	-0.0010	-2.5 to 2.5	Pass	
	-30	40	3.85				-1.259	-0.0007	-2.5 to 2.5	Pass				
		-20	50				3.85	-1.431	-0.0008	-2.5 to 2.5	Pass			
			-10				3.85	-0.501	-0.0003	-2.5 to 2.5	Pass			
	1910	50	0				20	3.85	-0.0013	-0.0013	-2.5 to 2.5	Pass		
								30	3.85	-2.460	-0.0013	-2.5 to 2.5	Pass	
				40	3.85	-0.916		-0.0005	-2.5 to 2.5	Pass				
				-30	50	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass				
					-20	3.85	1.988	0.0010	-2.5 to 2.5	Pass				
						-10	3.85	2.675	0.0014	-2.5 to 2.5	Pass			
				16QAM	1855	50	0	20	4.43	4.635	0.0024	-2.5 to 2.5	Pass	
									3.85	2.203	0.0012	-2.5 to 2.5	Pass	
	-20	3.85	3.834						0.0020	-2.5 to 2.5	Pass			
	-30	-10	3.85					5.622	0.0029	-2.5 to 2.5	Pass			
		-20	0					3.85	1.359	0.0007	-2.5 to 2.5	Pass		
			10					3.85	2.503	0.0013	-2.5 to 2.5	Pass		
	1882.5	50	0					20	30	3.85	3.691	0.0019	-2.5 to 2.5	Pass
									40	3.85	5.608	0.0029	-2.5 to 2.5	Pass
									50	3.85	3.190	0.0017	-2.5 to 2.5	Pass
1910	50	0	20		3.85	0.272	0.0001	-2.5 to 2.5	Pass					
					3.85	-1.745	-0.0009	-2.5 to 2.5	Pass					
					4.43	-0.744	-0.0004	-2.5 to 2.5	Pass					
			-30		-20	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass				
					-10	3.85	-3.419	-0.0018	-2.5 to 2.5	Pass				
						0	3.85	-1.001	-0.0005	-2.5 to 2.5	Pass			
1882.5	50	0	20	10	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass					
				30	3.85	1.373	0.0007	-2.5 to 2.5	Pass					
				40	3.85	-2.789	-0.0015	-2.5 to 2.5	Pass					
			-30	50	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass					
				-20	3.85	-2.074	-0.0011	-2.5 to 2.5	Pass					
					-10	3.85	-4.506	-0.0024	-2.5 to 2.5	Pass				
			1910	50	0	20	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass			
							30	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass		
							40	3.85	-2.947	-0.0016	-2.5 to 2.5	Pass		
-30	-10	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass								
	-20	0	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass							
		10	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass							
1910	50	0	20	30	3.85	-1.531	-0.0008	-2.5 to 2.5	Pass					
				40	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass					
				50	3.85	1.931	0.0010	-2.5 to 2.5	Pass					
-30	50	0	20	3.27	2.646	0.0014	-2.5 to 2.5	Pass						
				3.85	2.704	0.0014	-2.5 to 2.5	Pass						
				4.43	1.945	0.0010	-2.5 to 2.5	Pass						
					3.85	4.506	0.0024	-2.5 to 2.5	Pass					

				-20	3.85	1.559	0.0008	-2.5 to 2.5	Pass
				-10	3.85	3.548	0.0019	-2.5 to 2.5	Pass
				0	3.85	2.861	0.0015	-2.5 to 2.5	Pass
				10	3.85	3.963	0.0021	-2.5 to 2.5	Pass
				30	3.85	3.991	0.0021	-2.5 to 2.5	Pass
				40	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				50	3.85	3.619	0.0019	-2.5 to 2.5	Pass

## 2.5 B25\_15MHz

### 2.5.1 Test Result

Band: 25 / Bandwidth: 15MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1857.5	75	0	20	3.27	0.472	0.0003	-2.5 to 2.5	Pass	
					3.85	-2.732	-0.0015	-2.5 to 2.5	Pass	
					4.43	-0.486	-0.0003	-2.5 to 2.5	Pass	
				-30	3.85	0.401	0.0002	-2.5 to 2.5	Pass	
					-20	3.85	-3.719	-0.0020	-2.5 to 2.5	Pass
						3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass	
					10	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass	
	40	3.85	-3.920		-0.0021	-2.5 to 2.5	Pass			
	50	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass				
	1882.5	75	0	20	3.27	4.535	0.0024	-2.5 to 2.5	Pass	
					3.85	5.736	0.0030	-2.5 to 2.5	Pass	
					4.43	5.593	0.0030	-2.5 to 2.5	Pass	
				-30	3.85	5.608	0.0030	-2.5 to 2.5	Pass	
					-20	3.85	2.589	0.0014	-2.5 to 2.5	Pass
						3.85	4.635	0.0025	-2.5 to 2.5	Pass
				0	3.85	3.376	0.0018	-2.5 to 2.5	Pass	
					10	3.85	2.317	0.0012	-2.5 to 2.5	Pass
				30	3.85	4.549	0.0024	-2.5 to 2.5	Pass	
	40	3.85	2.918		0.0016	-2.5 to 2.5	Pass			
	50	3.85	4.334	0.0023	-2.5 to 2.5	Pass				
	1907.5	75	0	20	3.27	3.648	0.0019	-2.5 to 2.5	Pass	
					3.85	3.347	0.0018	-2.5 to 2.5	Pass	
					4.43	3.676	0.0019	-2.5 to 2.5	Pass	
				-30	3.85	1.659	0.0009	-2.5 to 2.5	Pass	
					-20	3.85	4.935	0.0026	-2.5 to 2.5	Pass
3.85						4.134	0.0022	-2.5 to 2.5	Pass	
0				3.85	2.732	0.0014	-2.5 to 2.5	Pass		
				10	3.85	2.847	0.0015	-2.5 to 2.5	Pass	
30				3.85	3.748	0.0020	-2.5 to 2.5	Pass		
	40	3.85	2.732	0.0014	-2.5 to 2.5	Pass				
50	3.85	1.316	0.0007	-2.5 to 2.5	Pass					
16QAM	1857.5	75	0	20	3.27	-2.460	-0.0013	-2.5 to 2.5	Pass	
					3.85	-1.416	-0.0008	-2.5 to 2.5	Pass	
					4.43	-0.429	-0.0002	-2.5 to 2.5	Pass	
				-30	3.85	-0.644	-0.0003	-2.5 to 2.5	Pass	
					-20	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass
						3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-2.546	-0.0014	-2.5 to 2.5	Pass	
10	3.85	-1.788	-0.0010		-2.5 to 2.5	Pass				
30	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass					

	1882.5	75	0	40	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				20	3.27	1.988	0.0011	-2.5 to 2.5	Pass
					3.85	5.407	0.0029	-2.5 to 2.5	Pass
				4.43	3.405	0.0018	-2.5 to 2.5	Pass	
				-30	3.85	4.392	0.0023	-2.5 to 2.5	Pass
				-20	3.85	2.217	0.0012	-2.5 to 2.5	Pass
				-10	3.85	3.633	0.0019	-2.5 to 2.5	Pass
				0	3.85	4.206	0.0022	-2.5 to 2.5	Pass
				10	3.85	4.992	0.0027	-2.5 to 2.5	Pass
	30	3.85	3.991	0.0021	-2.5 to 2.5	Pass			
	40	3.85	4.449	0.0024	-2.5 to 2.5	Pass			
	50	3.85	3.219	0.0017	-2.5 to 2.5	Pass			
	1907.5	75	0	20	3.27	2.375	0.0012	-2.5 to 2.5	Pass
					3.85	2.346	0.0012	-2.5 to 2.5	Pass
				4.43	1.860	0.0010	-2.5 to 2.5	Pass	
				-30	3.85	3.304	0.0017	-2.5 to 2.5	Pass
				-20	3.85	4.063	0.0021	-2.5 to 2.5	Pass
				-10	3.85	3.104	0.0016	-2.5 to 2.5	Pass
				0	3.85	2.618	0.0014	-2.5 to 2.5	Pass
10				3.85	2.189	0.0011	-2.5 to 2.5	Pass	
30				3.85	0.772	0.0004	-2.5 to 2.5	Pass	
40				3.85	2.103	0.0011	-2.5 to 2.5	Pass	
50	3.85	2.933	0.0015	-2.5 to 2.5	Pass				

## 2.6 B25\_20MHz

### 2.6.1 Test Result

Band: 25 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	1.702	0.0009	-2.5 to 2.5	Pass
					3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
					4.43	-1.144	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.516	0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				0	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				40	3.85	2.289	0.0012	-2.5 to 2.5	Pass
	50	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass			
	1882.5	100	0	20	3.27	1.988	0.0011	-2.5 to 2.5	Pass
					3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
					4.43	-2.060	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				10	3.85	-2.146	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass
	50	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass			
	1905	100	0	20	3.27	0.615	0.0003	-2.5 to 2.5	Pass
					3.85	3.090	0.0016	-2.5 to 2.5	Pass
					4.43	1.445	0.0008	-2.5 to 2.5	Pass

				-30	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.545	0.0008	-2.5 to 2.5	Pass
				0	3.85	2.747	0.0014	-2.5 to 2.5	Pass
				10	3.85	1.316	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.644	0.0003	-2.5 to 2.5	Pass
				40	3.85	2.804	0.0015	-2.5 to 2.5	Pass
				50	3.85	1.860	0.0010	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	1.330	0.0007	-2.5 to 2.5	Pass
					3.85	0.200	0.0001	-2.5 to 2.5	Pass
					4.43	0.629	0.0003	-2.5 to 2.5	Pass
				-30	3.85	1.001	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	1.931	0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				10	3.85	0.987	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.287	0.0007	-2.5 to 2.5	Pass
				50	3.85	2.203	0.0012	-2.5 to 2.5	Pass
				1882.5	100	0	20	3.27	-0.658
	3.85	-0.257	-0.0001					-2.5 to 2.5	Pass
	4.43	-2.646	-0.0014					-2.5 to 2.5	Pass
	-30	3.85	-1.059				-0.0006	-2.5 to 2.5	Pass
	-20	3.85	-0.930				-0.0005	-2.5 to 2.5	Pass
	-10	3.85	-1.245				-0.0007	-2.5 to 2.5	Pass
	0	3.85	-0.830				-0.0004	-2.5 to 2.5	Pass
	10	3.85	-0.544				-0.0003	-2.5 to 2.5	Pass
	30	3.85	-0.744				-0.0004	-2.5 to 2.5	Pass
	40	3.85	-0.801				-0.0004	-2.5 to 2.5	Pass
	50	3.85	-1.702				-0.0009	-2.5 to 2.5	Pass
	1905	100	0				20	3.27	-0.172
				3.85	2.589	0.0014		-2.5 to 2.5	Pass
				4.43	1.059	0.0006		-2.5 to 2.5	Pass
				-30	3.85	3.862	0.0020	-2.5 to 2.5	Pass
				-20	3.85	1.602	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.845	0.0010	-2.5 to 2.5	Pass
				0	3.85	2.818	0.0015	-2.5 to 2.5	Pass
				10	3.85	1.016	0.0005	-2.5 to 2.5	Pass
30				3.85	2.789	0.0015	-2.5 to 2.5	Pass	
40				3.85	3.190	0.0017	-2.5 to 2.5	Pass	
50				3.85	2.918	0.0015	-2.5 to 2.5	Pass	

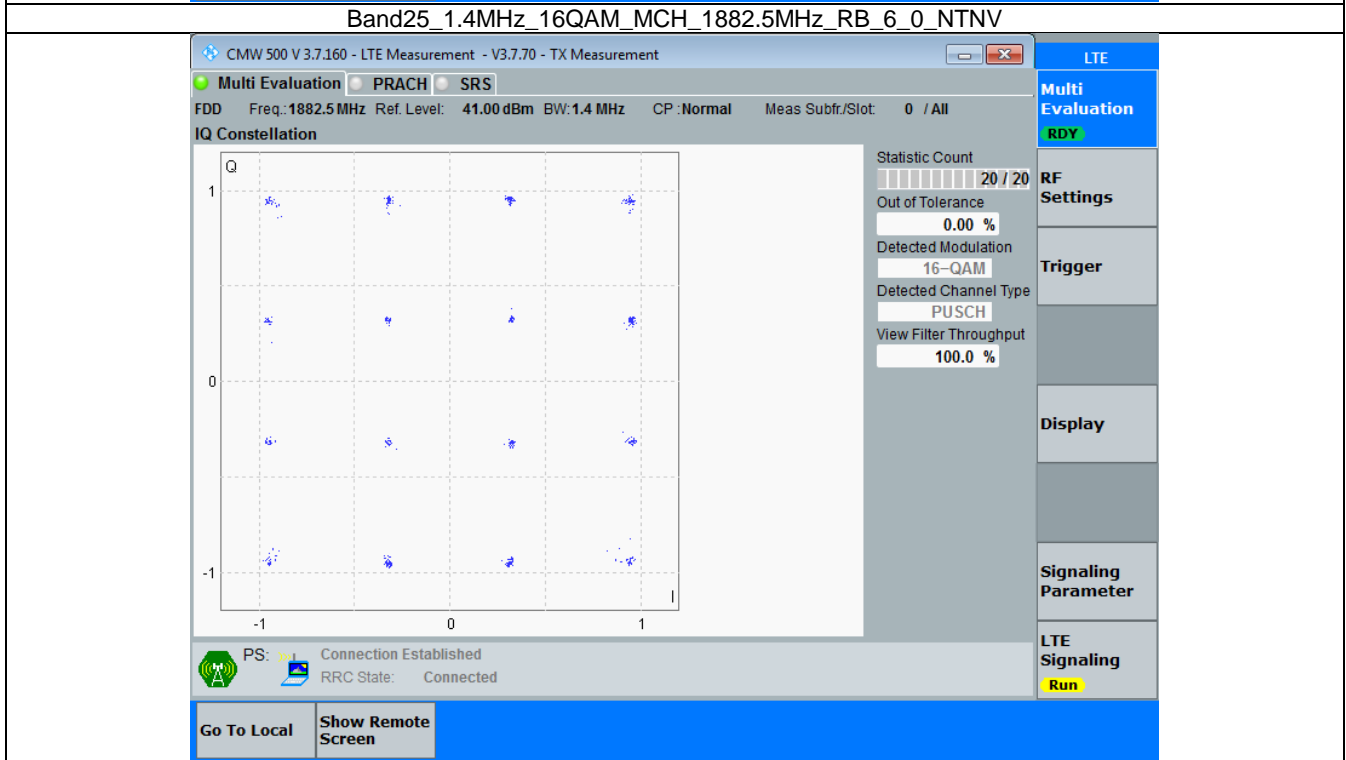
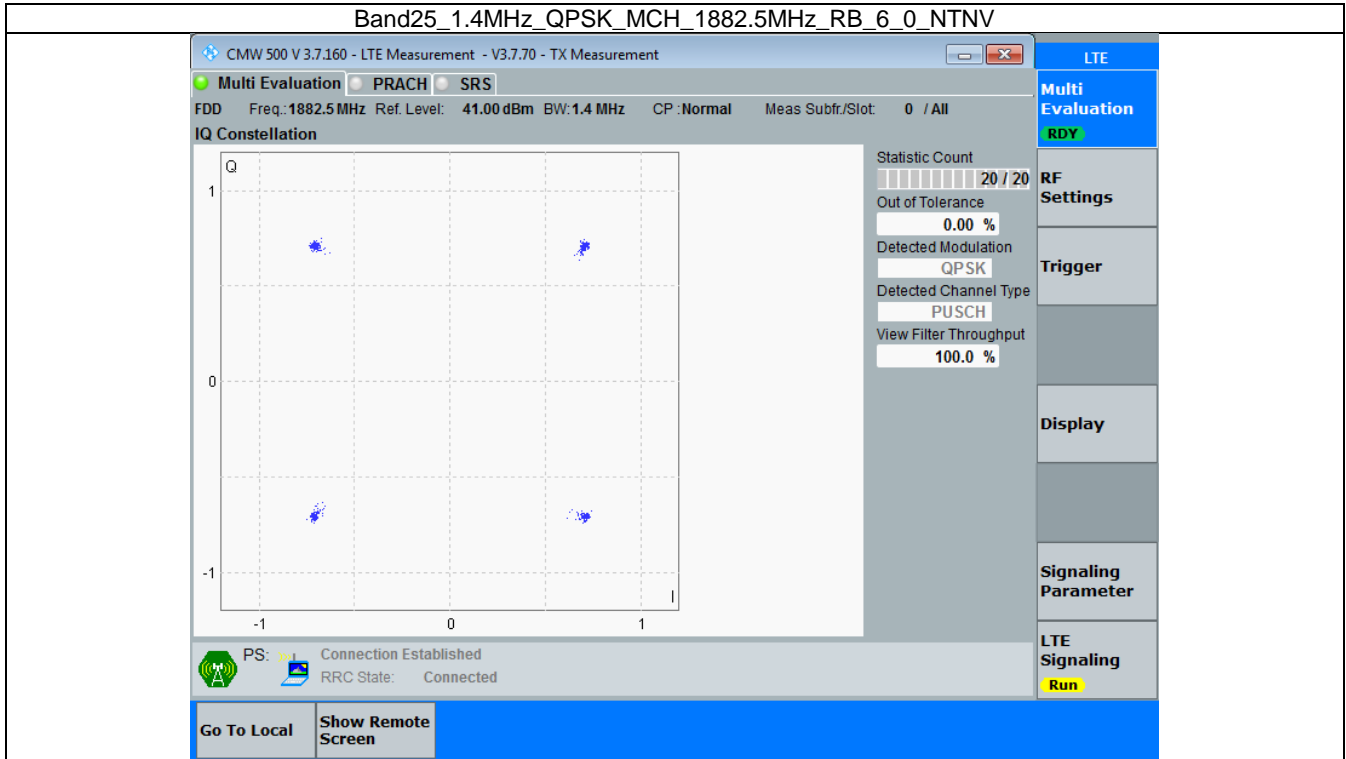
### 3. Modulation Characteristics

#### 3.1 B25\_1.4MHz

##### 3.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / 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



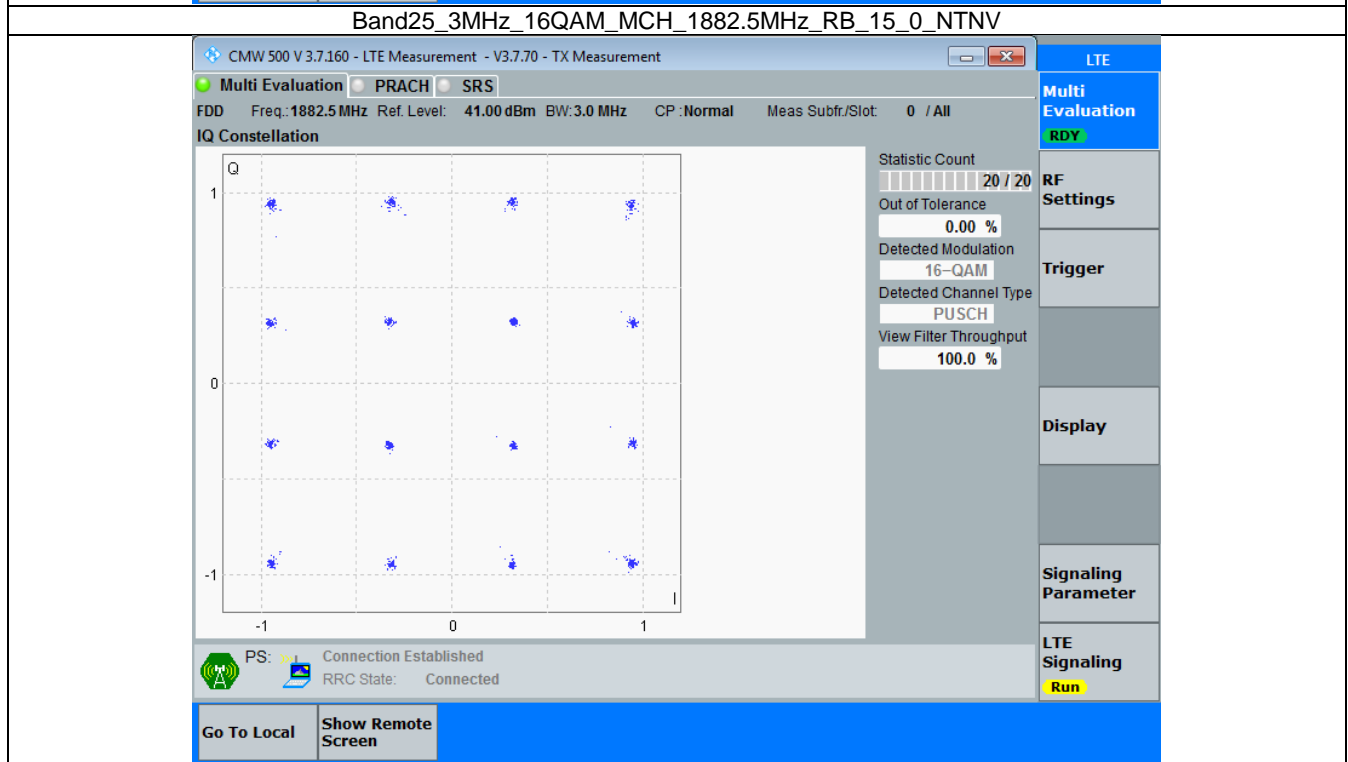
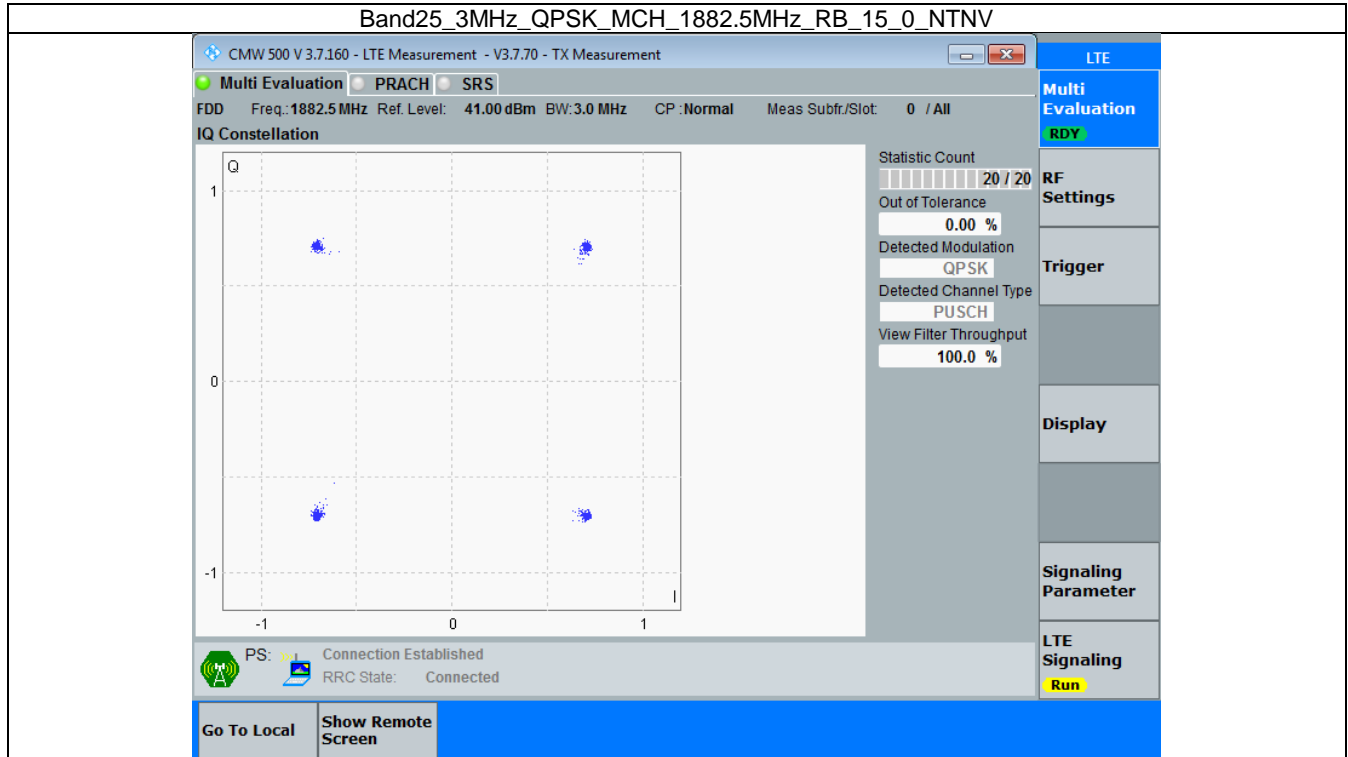
### 3.2 B25\_3MHz

#### 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

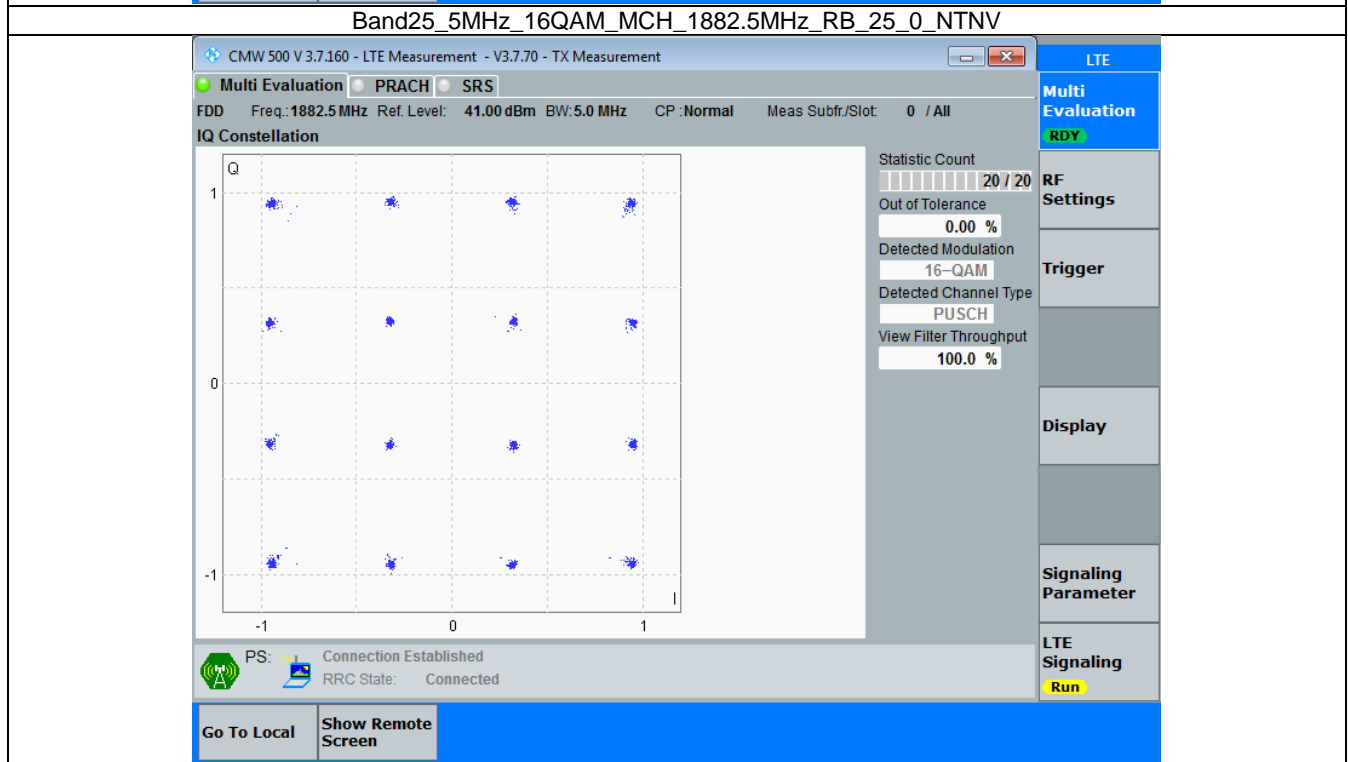
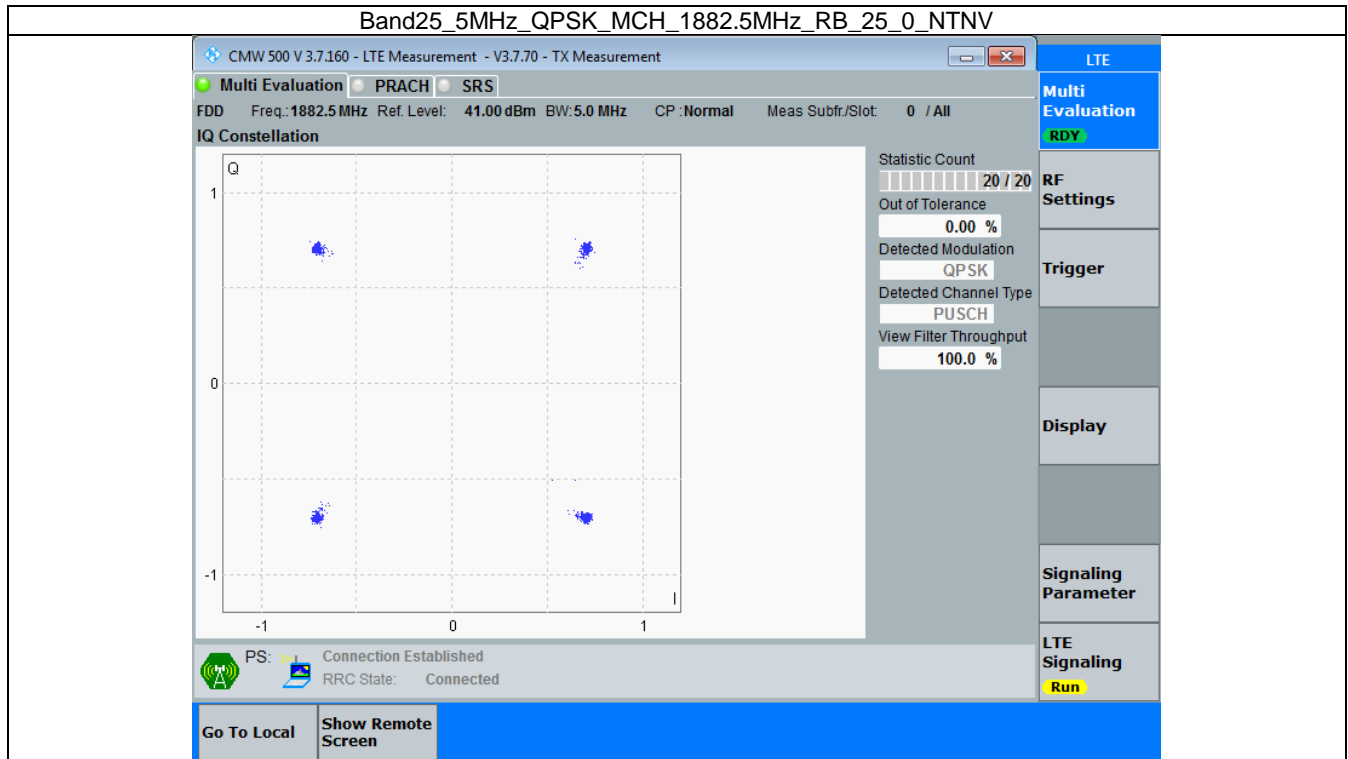


### 3.3 B25\_5MHz

#### 3.3.1 Test Result

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

### 3.3.2 Test Graph

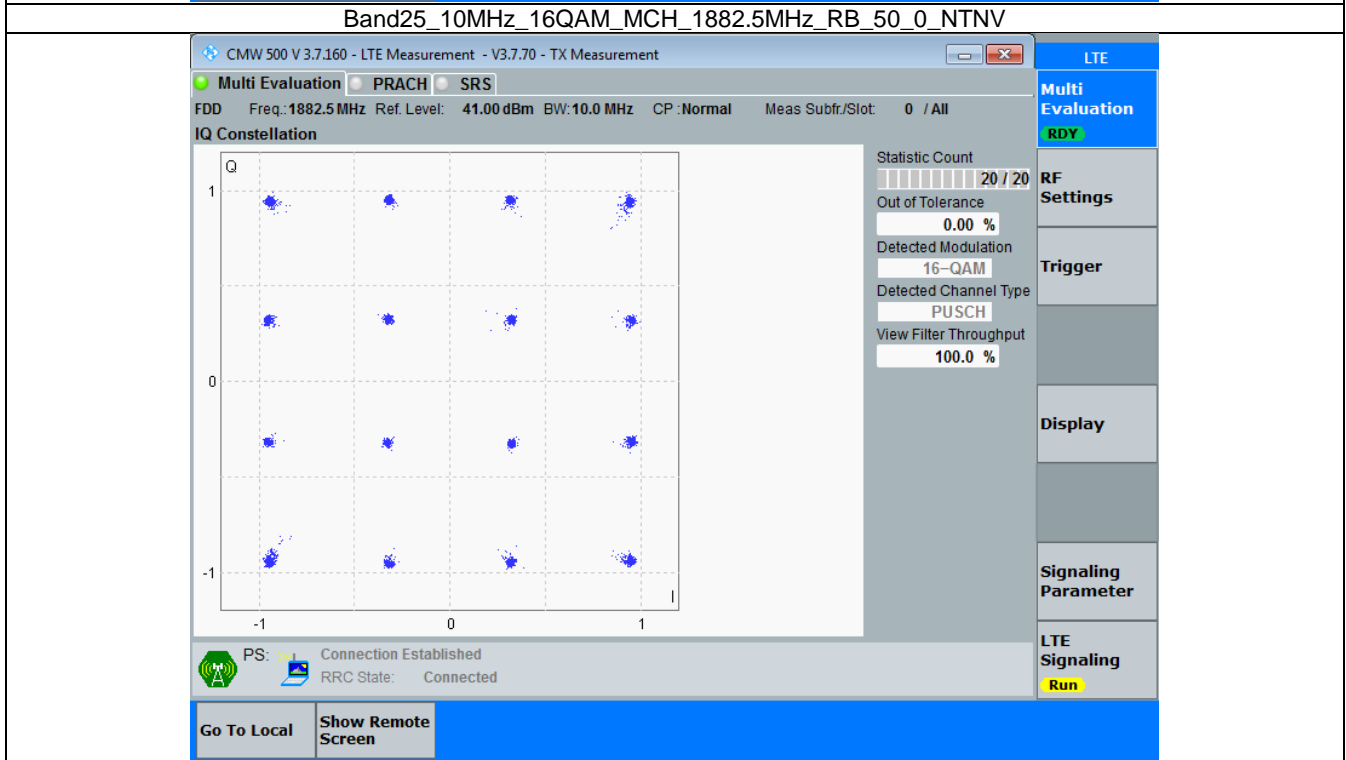
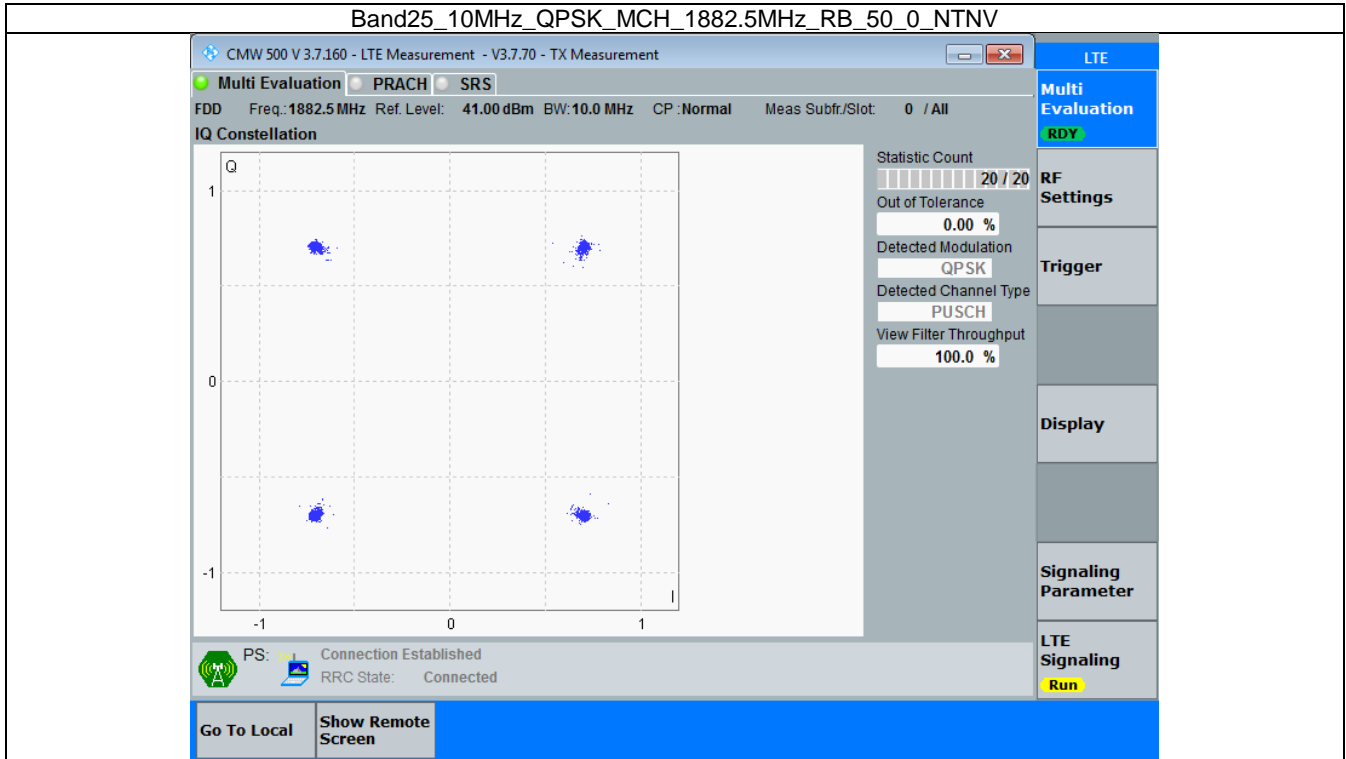


### 3.4 B25\_10MHz

#### 3.4.1 Test Result

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

### 3.4.2 Test Graph

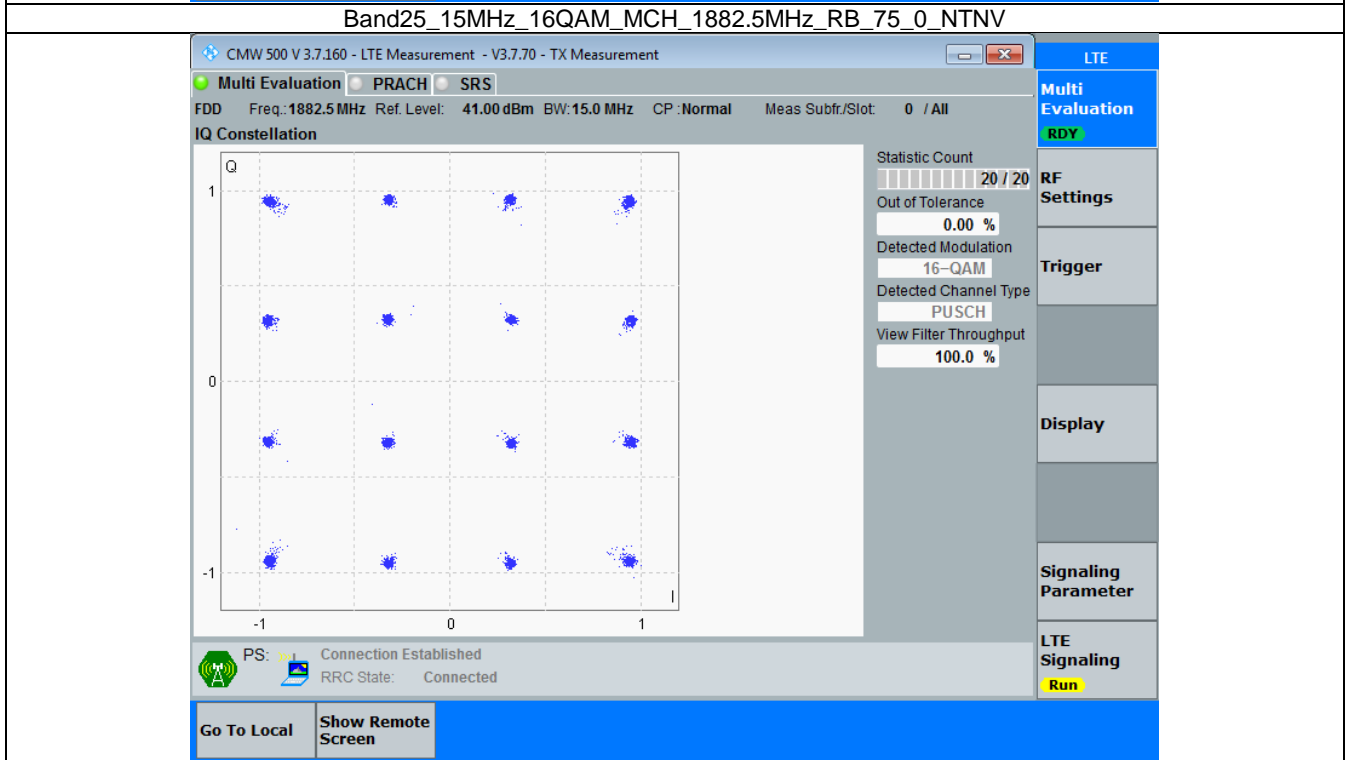
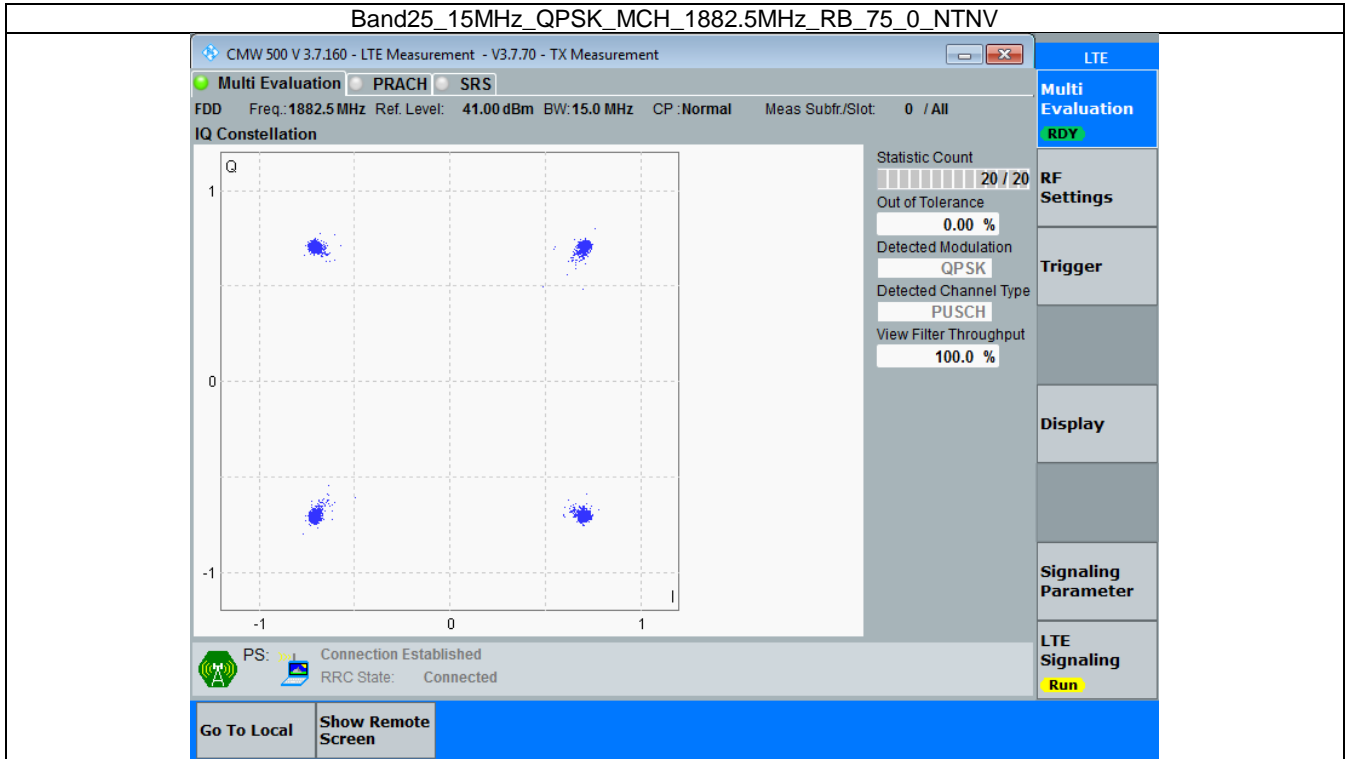


### 3.5 B25\_15MHz

#### 3.5.1 Test Result

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

### 3.5.2 Test Graph



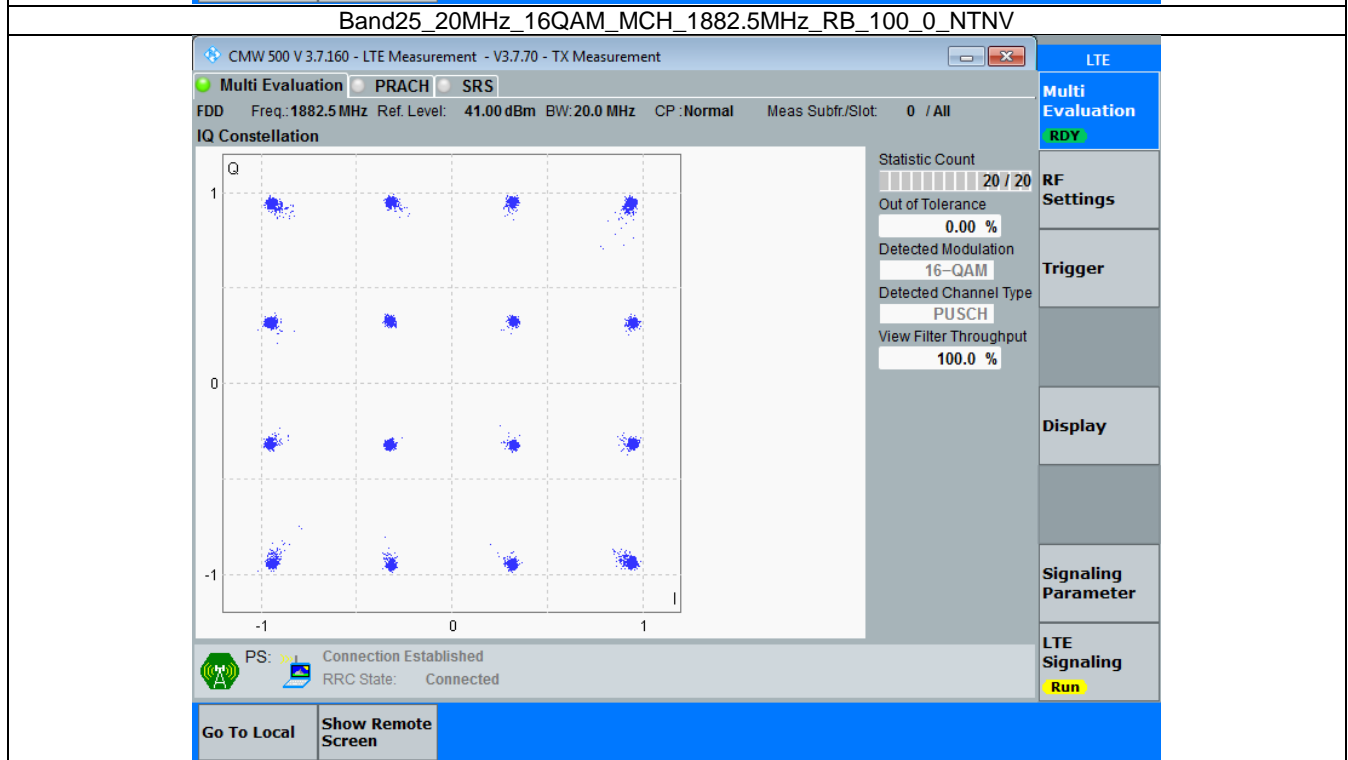
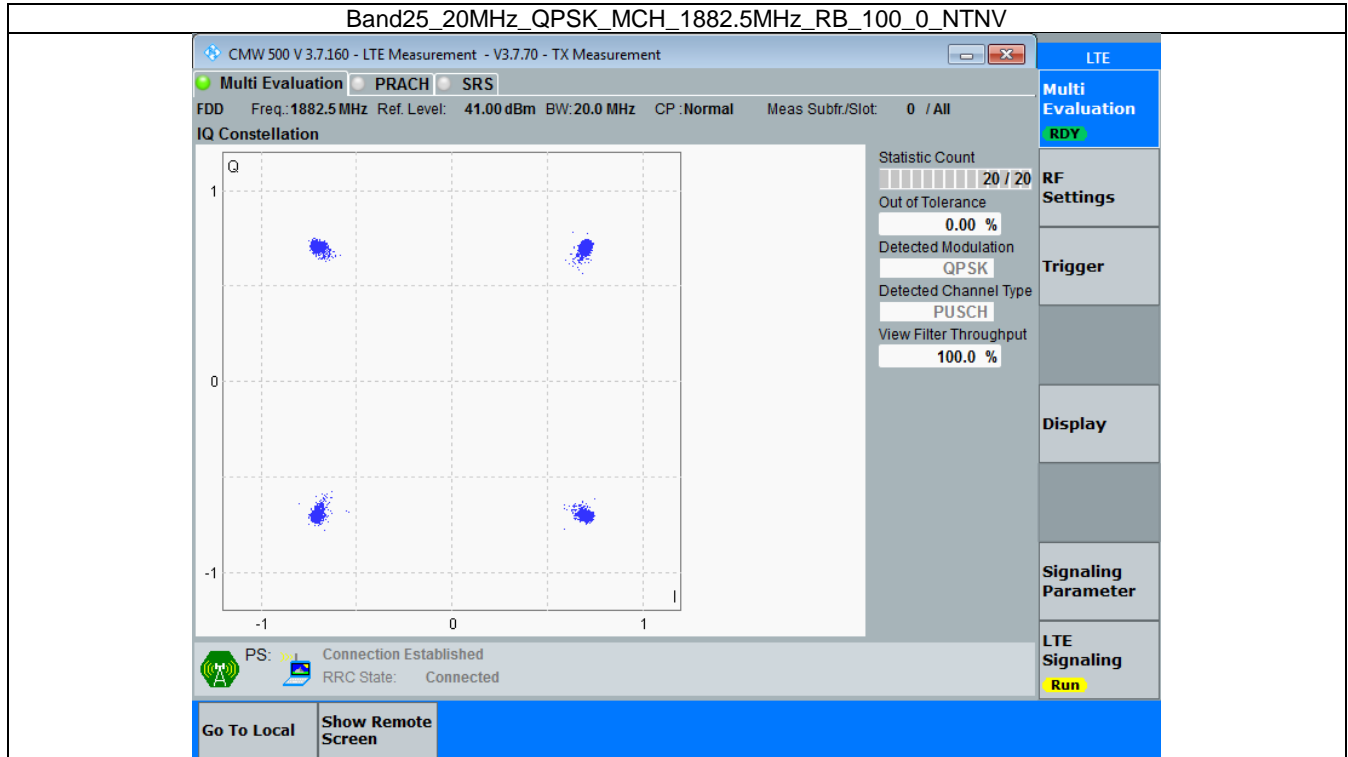
### 3.6 B25\_20MHz

#### 3.6.1 Test Result

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



### 3.6.2 Test Graph



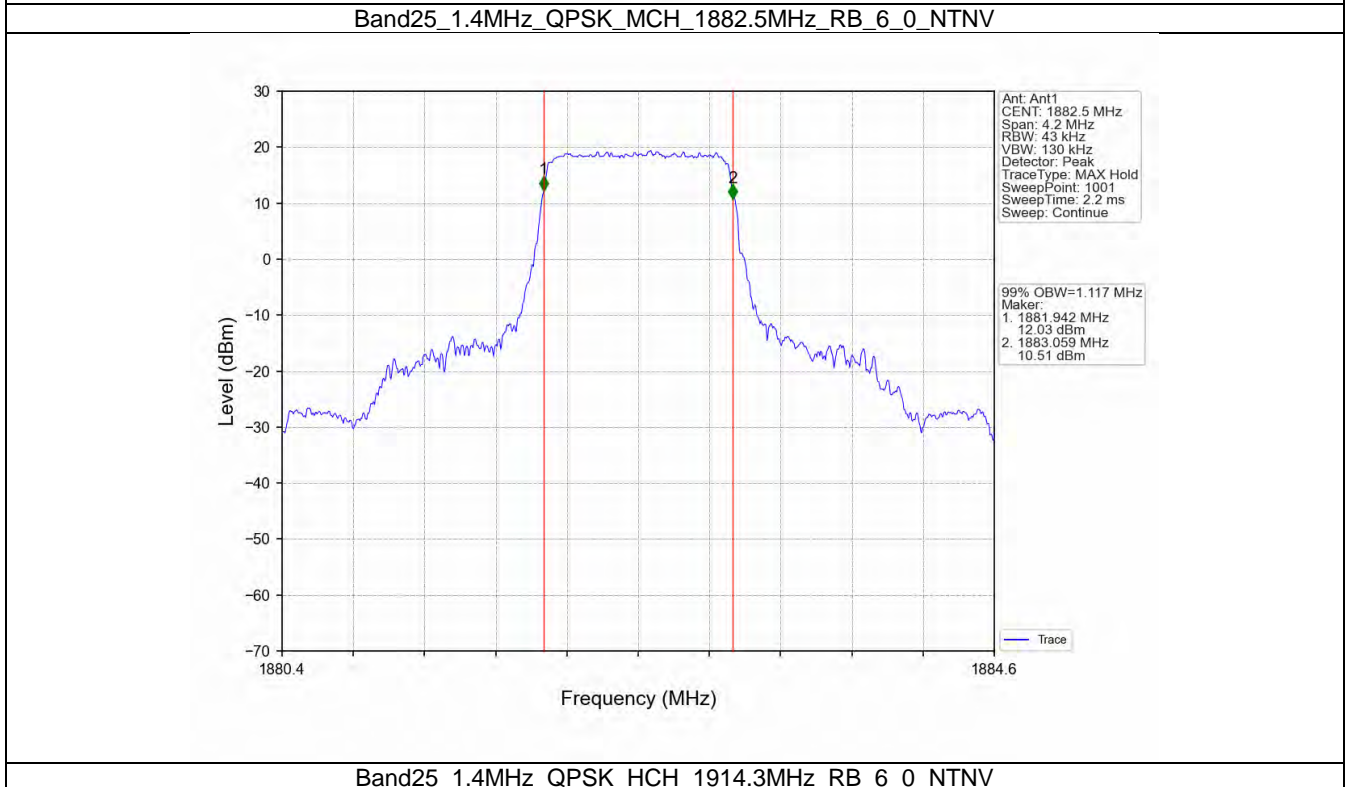
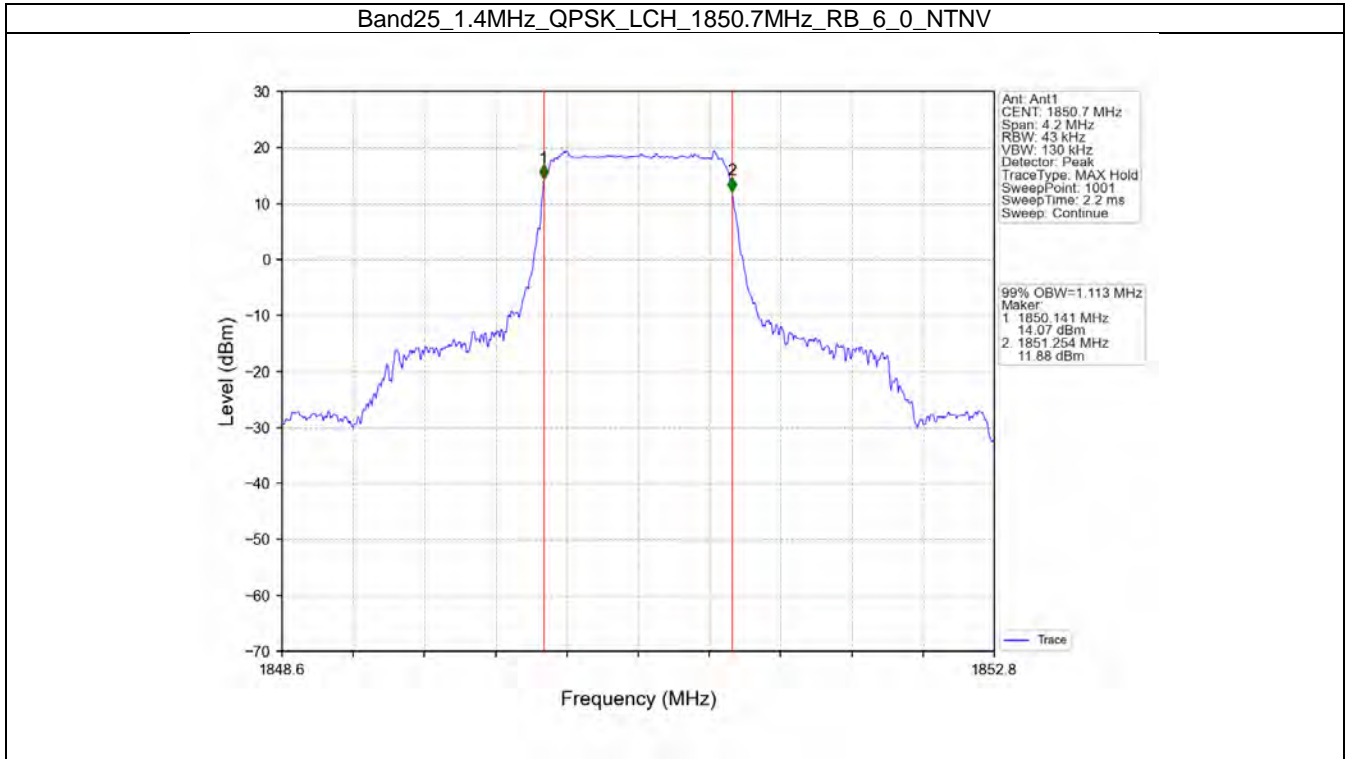
### 4. 99% & 26dB Bandwidth

#### 4.1 Band25\_OBW

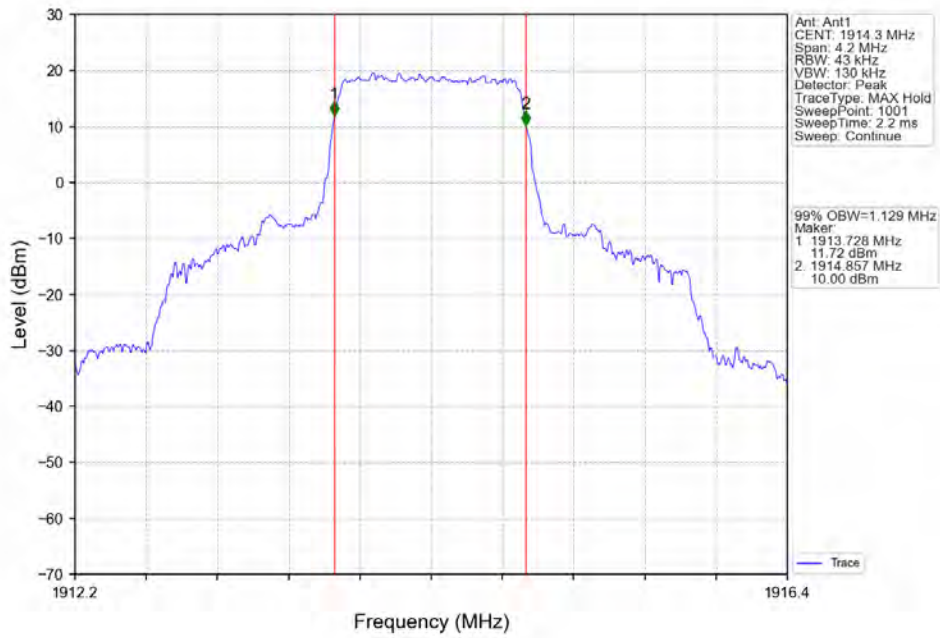
#### 4.1.1 Test Result

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

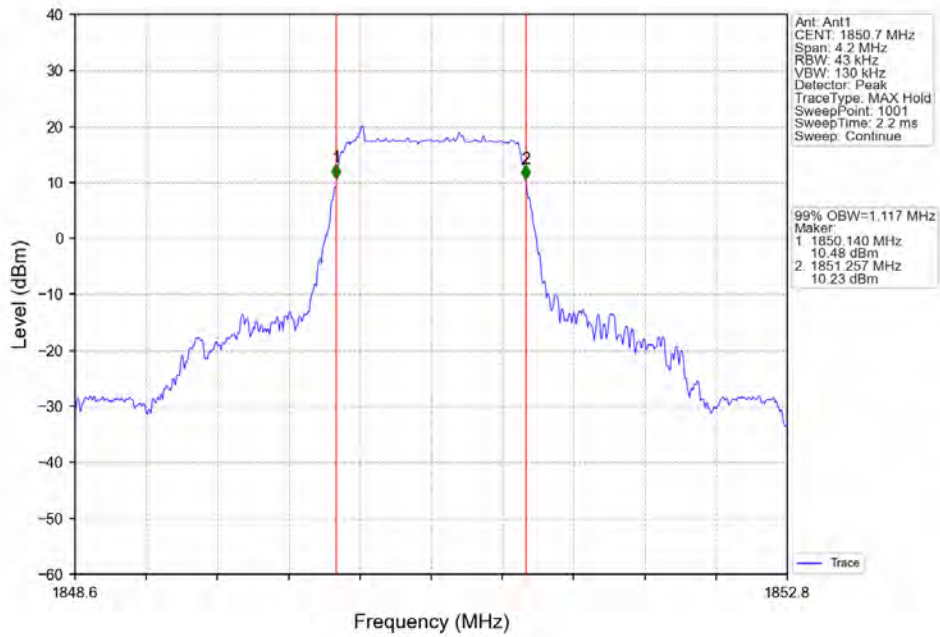
### 4.1.2 Test Graph



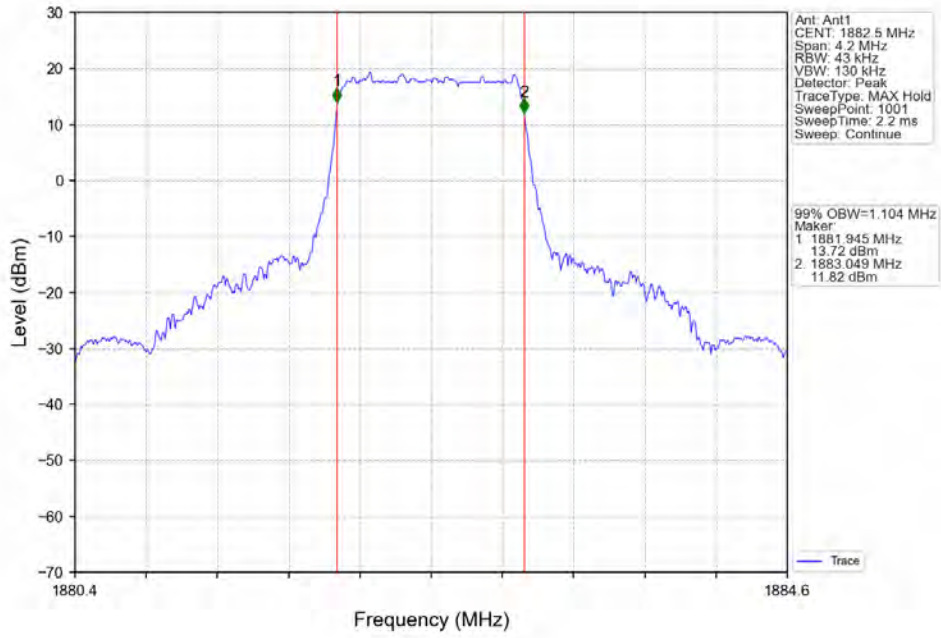
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



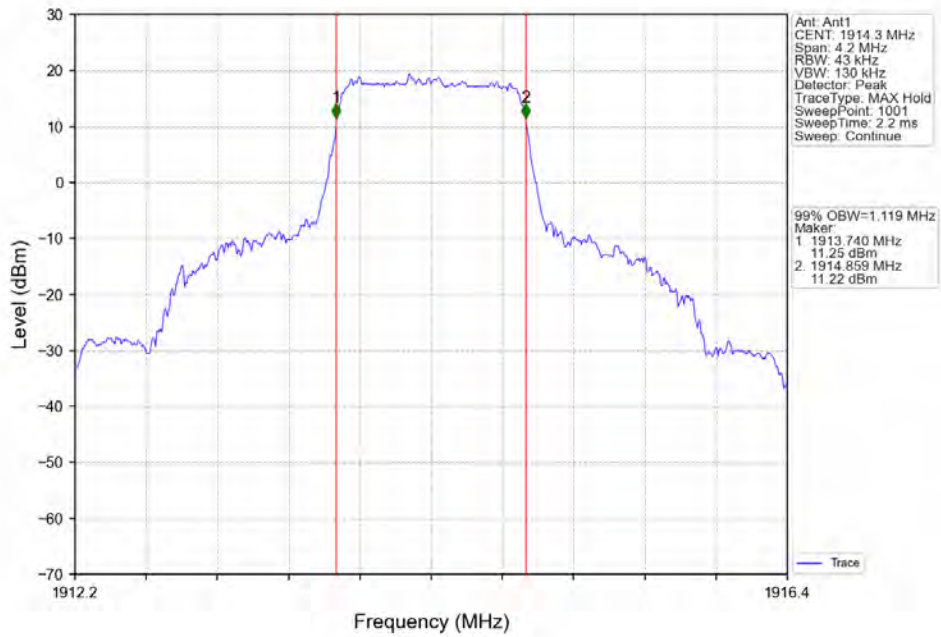
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



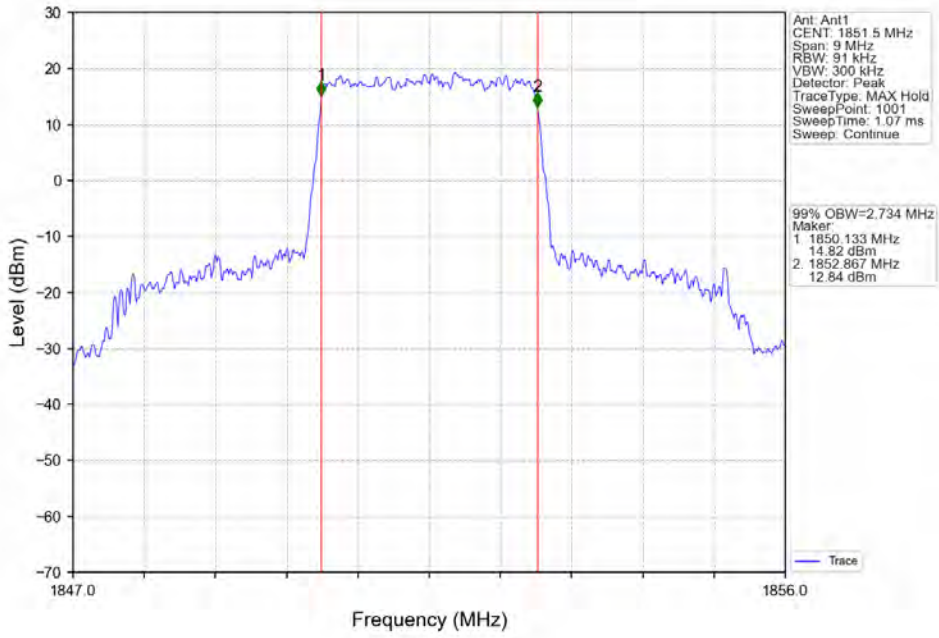
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_6\_0\_NTNV



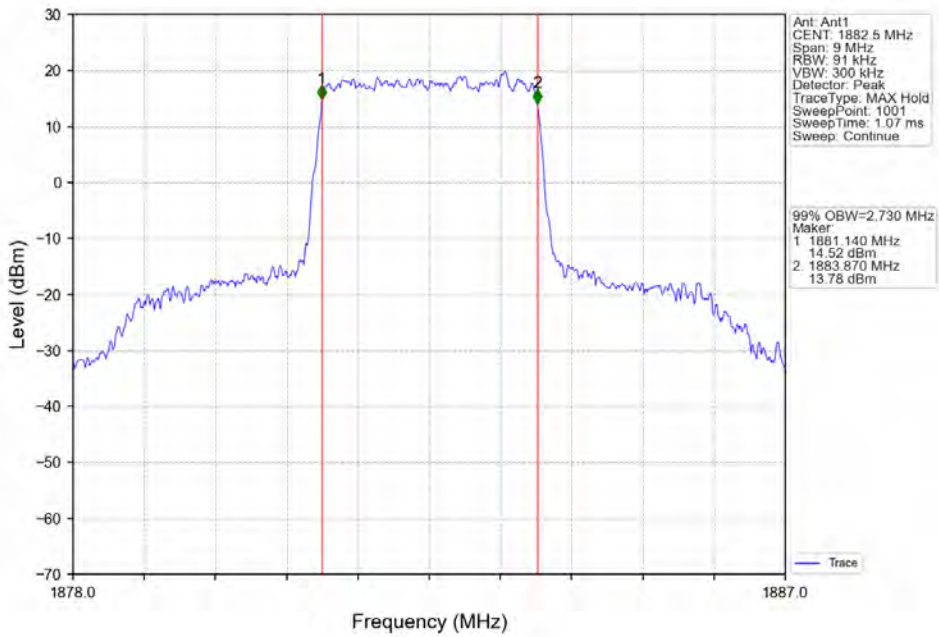
Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



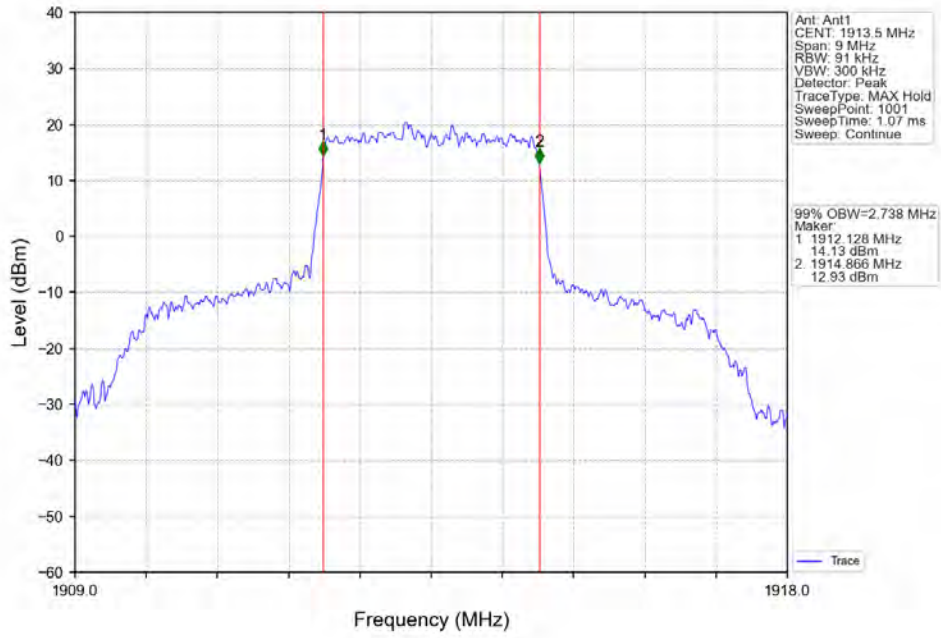
Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



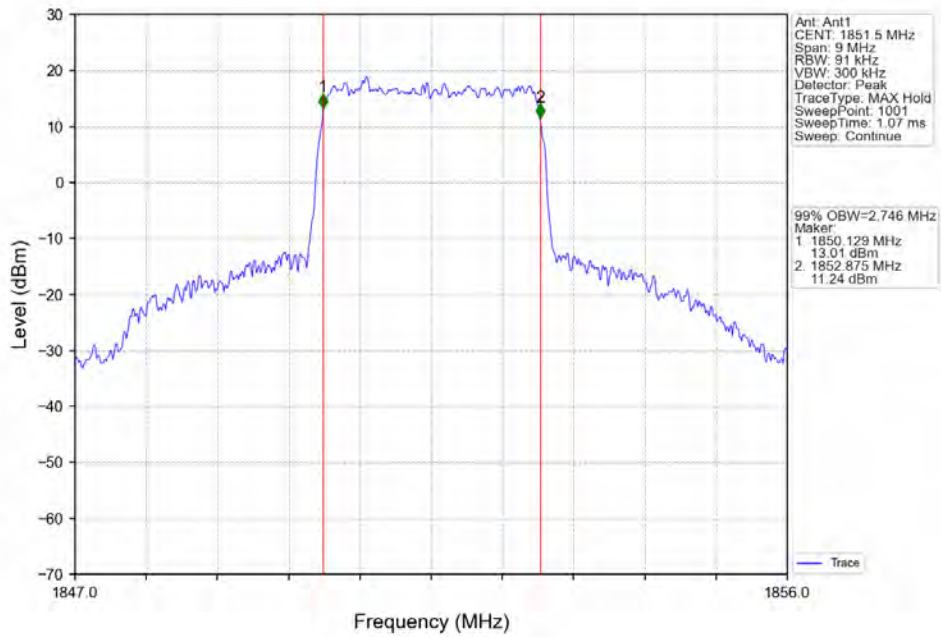
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



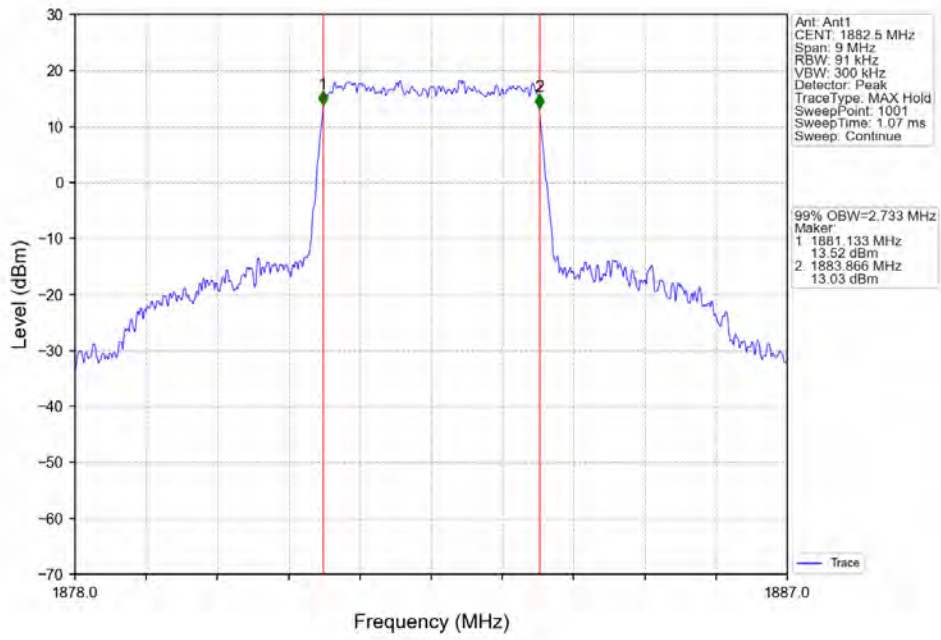
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



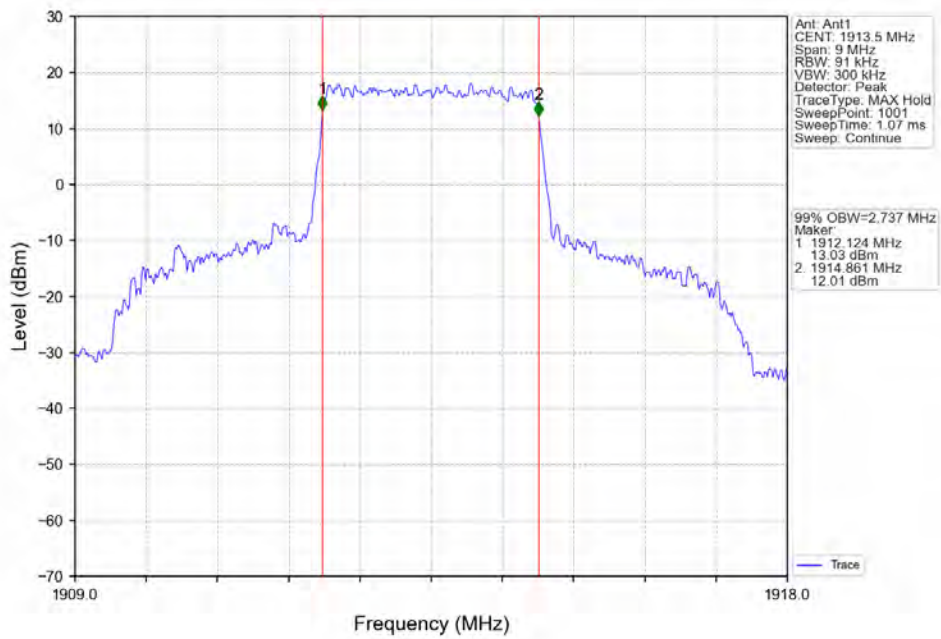
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



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

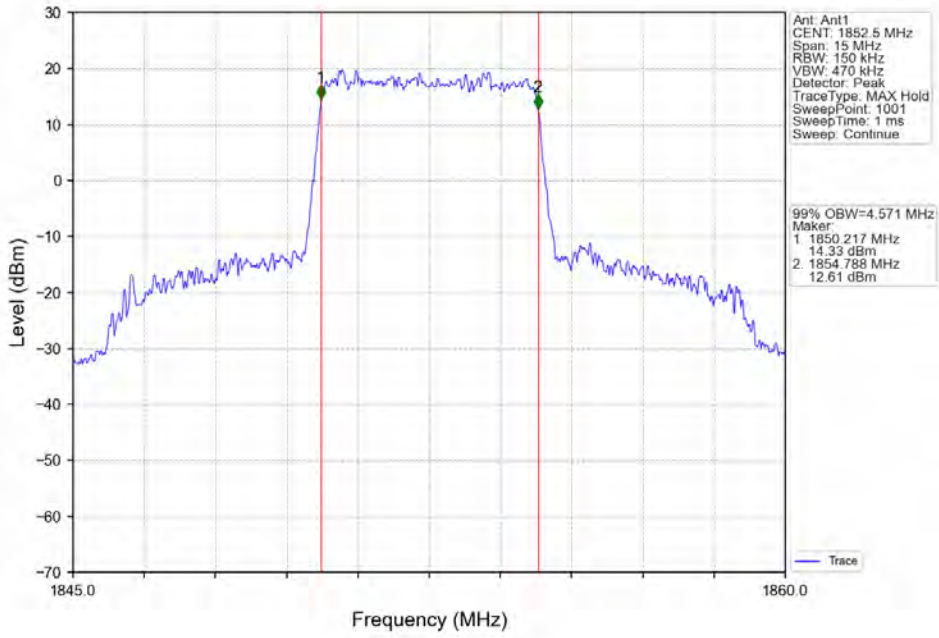


Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV

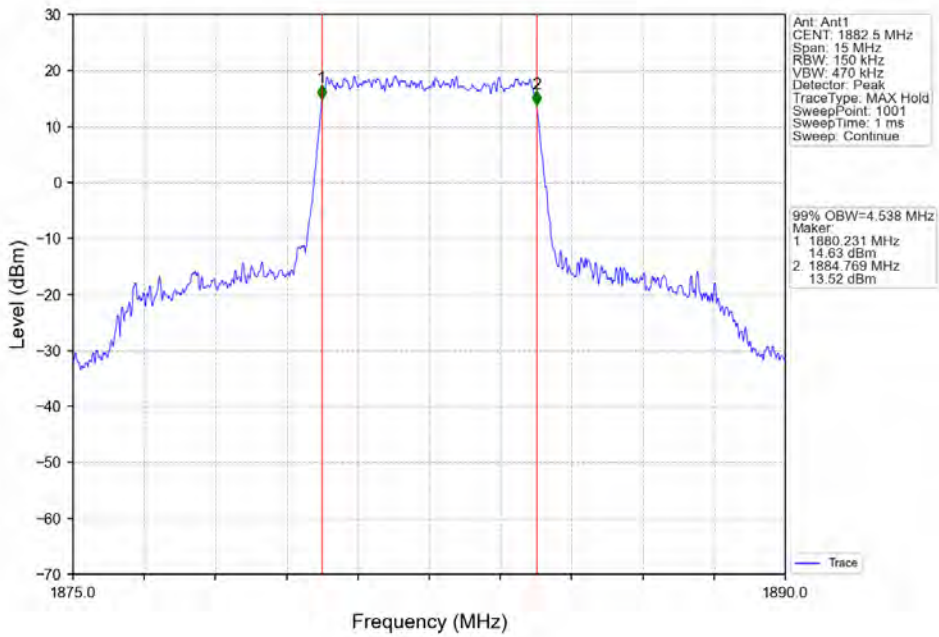




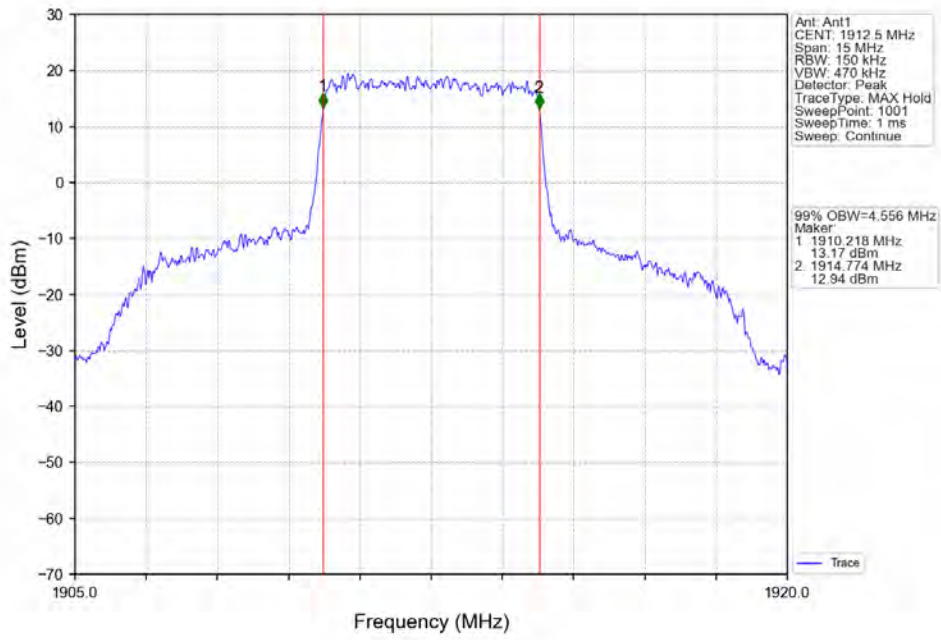
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



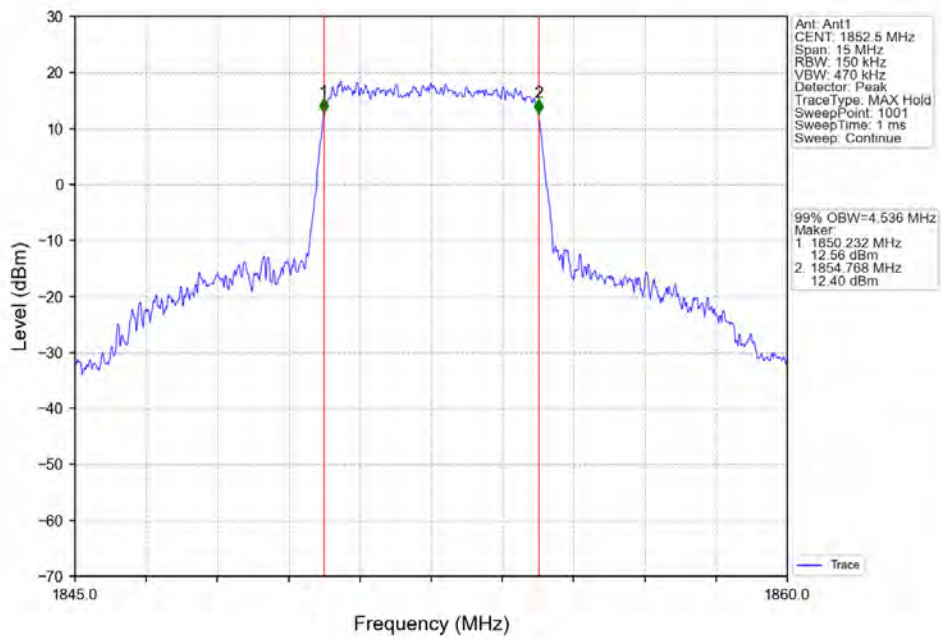
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



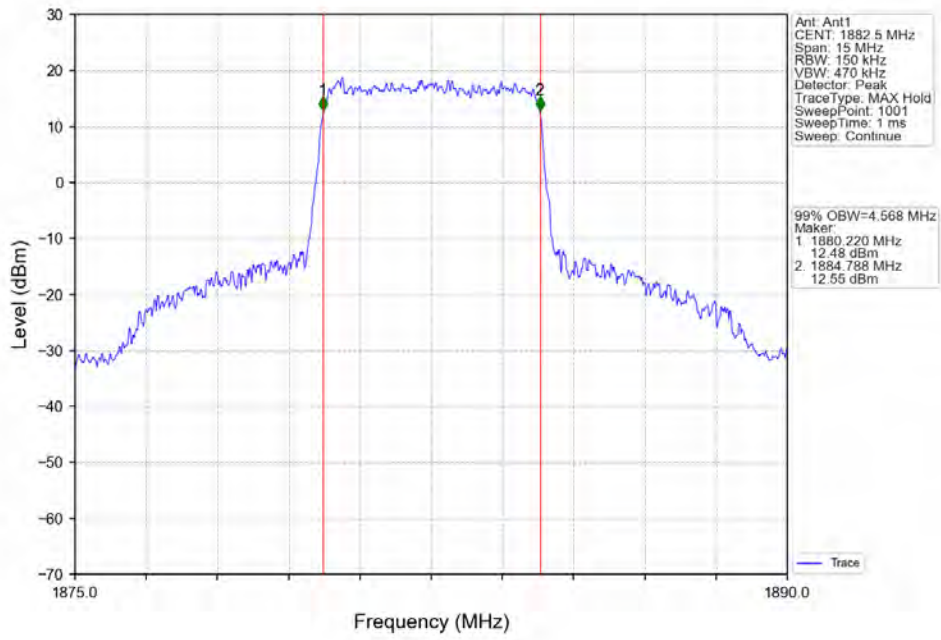
Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



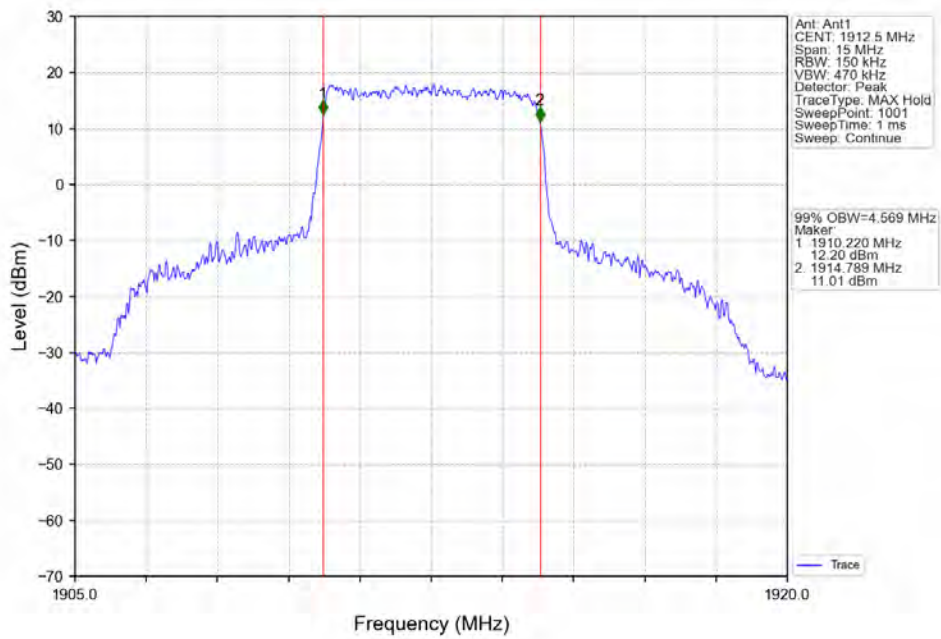
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



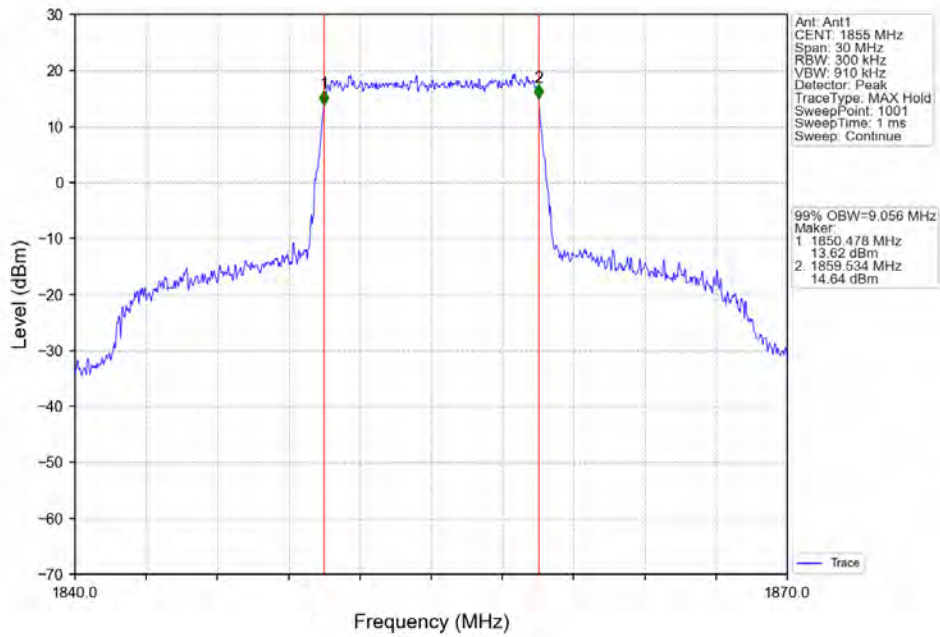
Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



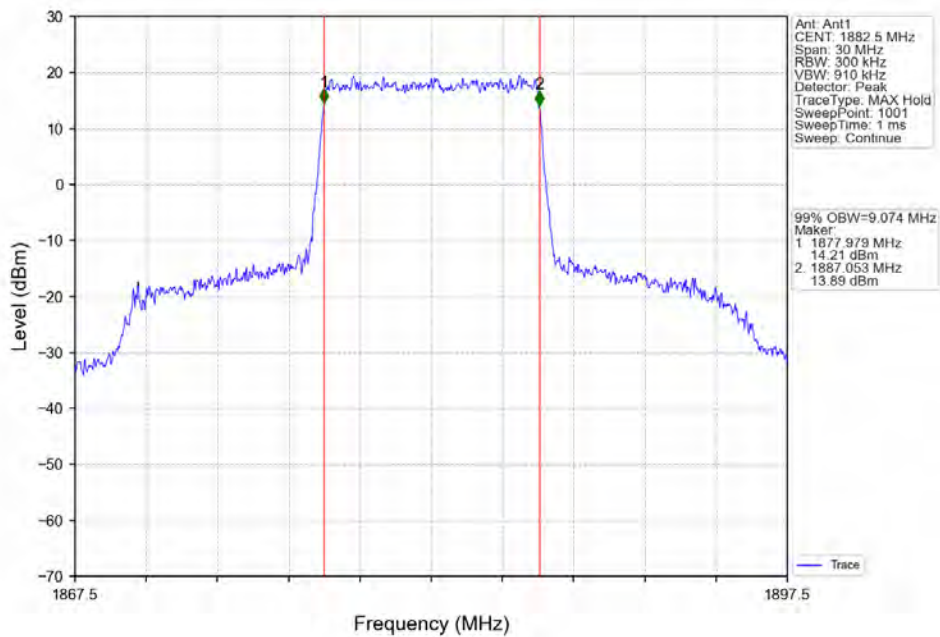
Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



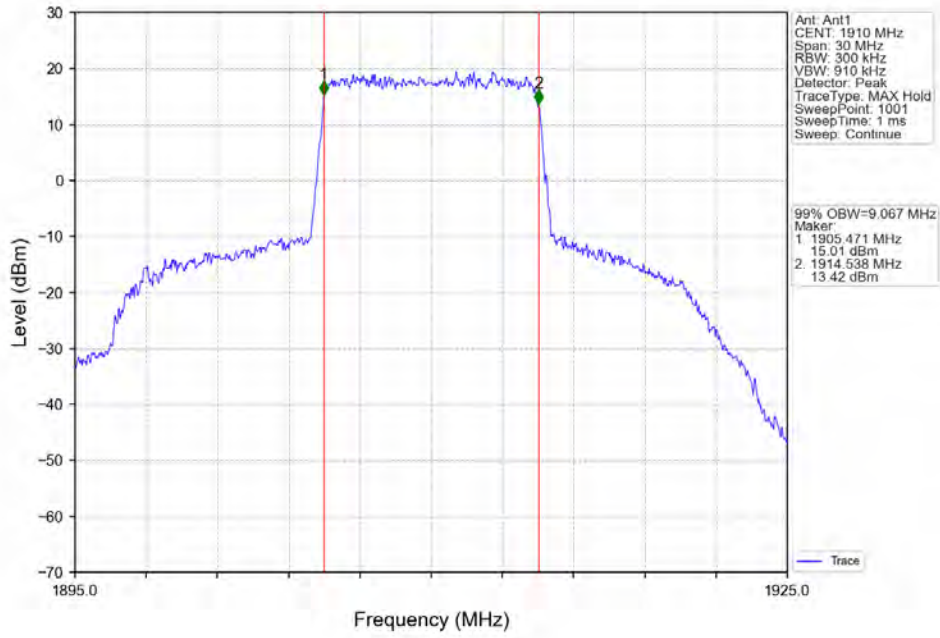
Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



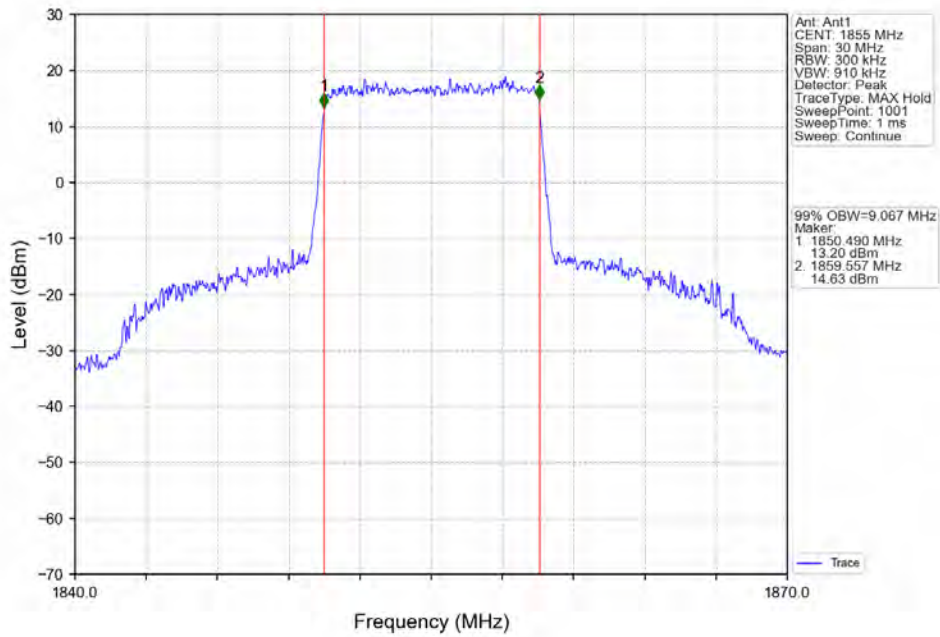
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



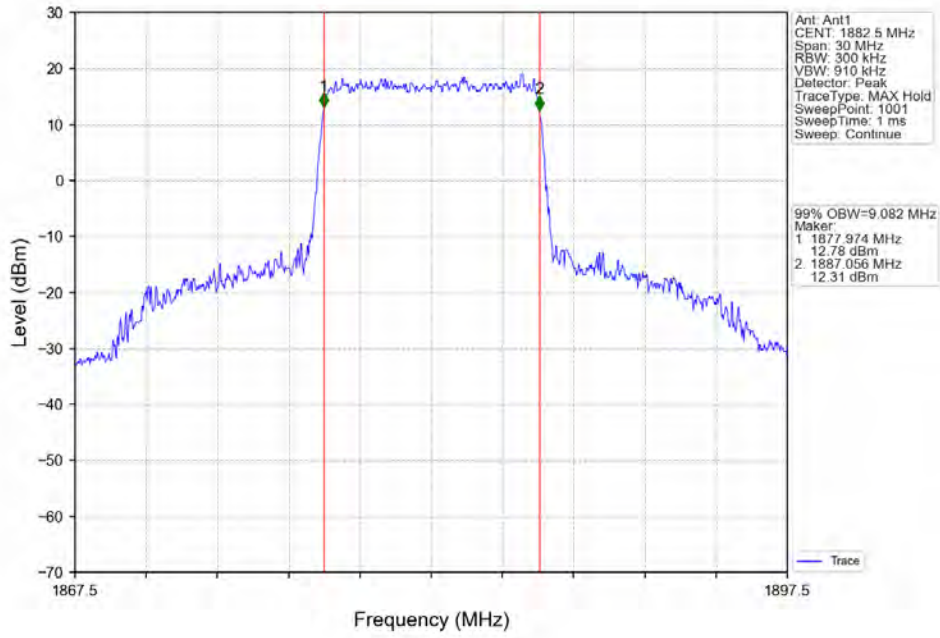
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTNV



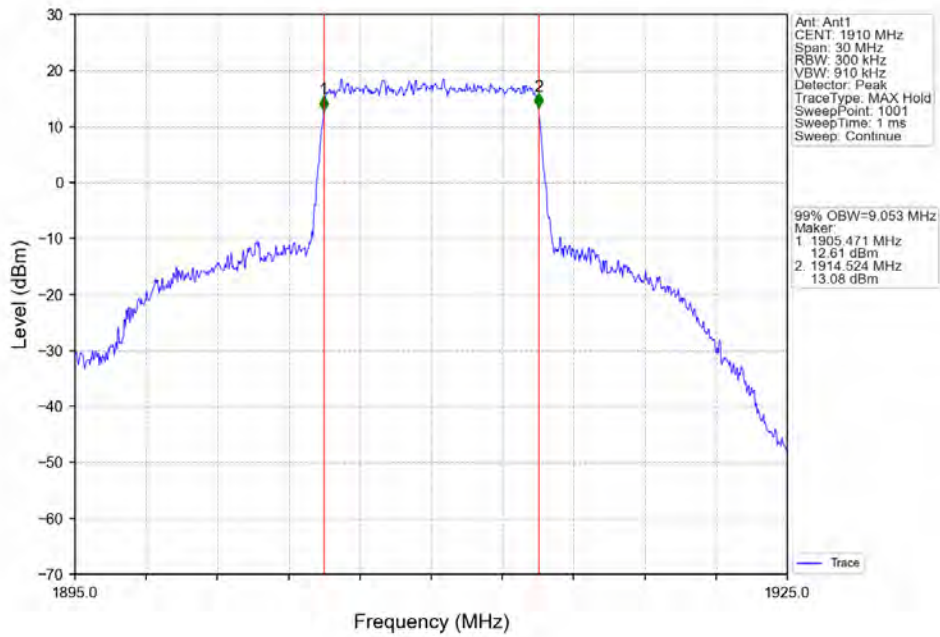
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



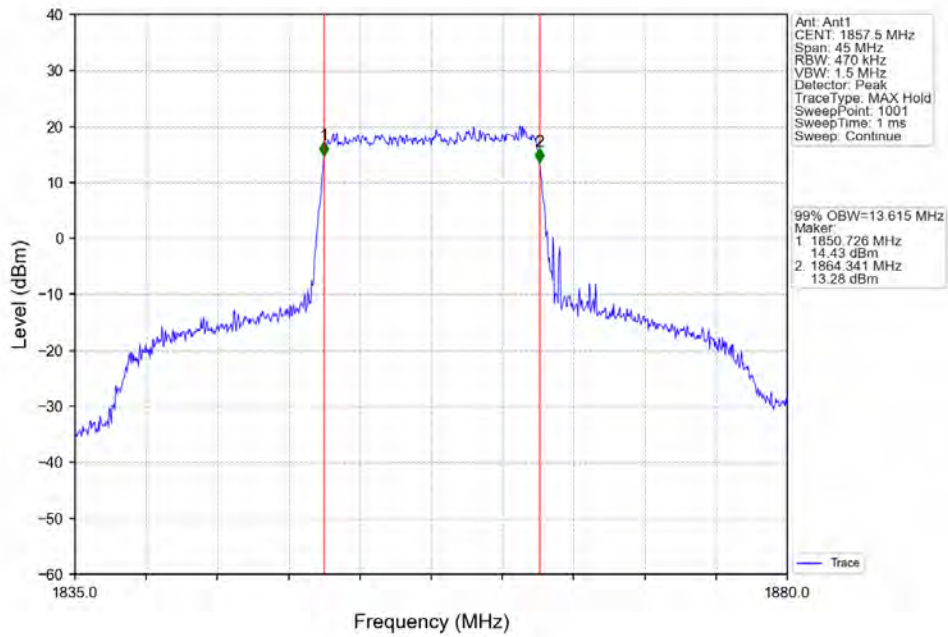
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



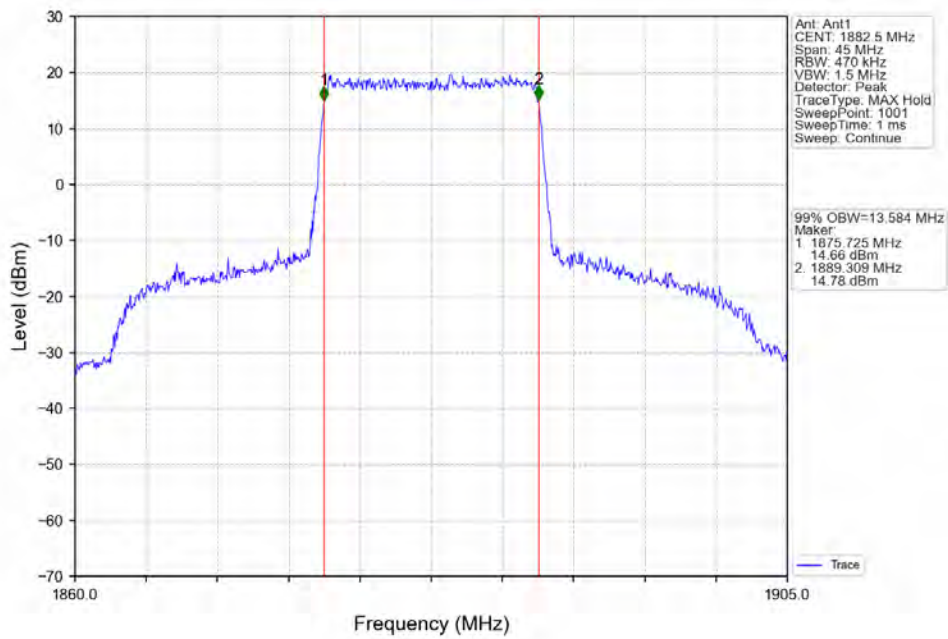
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_50\_0\_NTNV



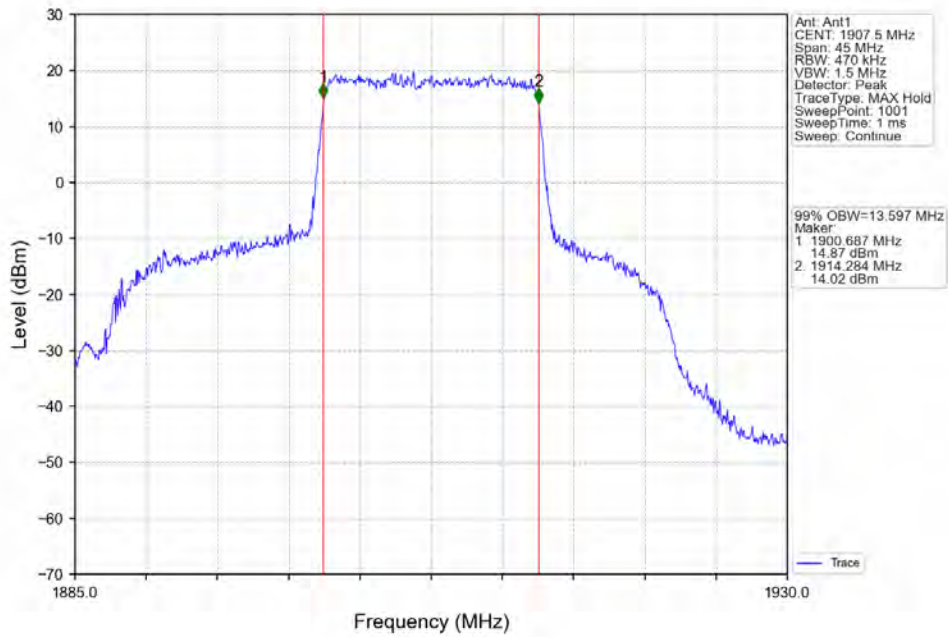
Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



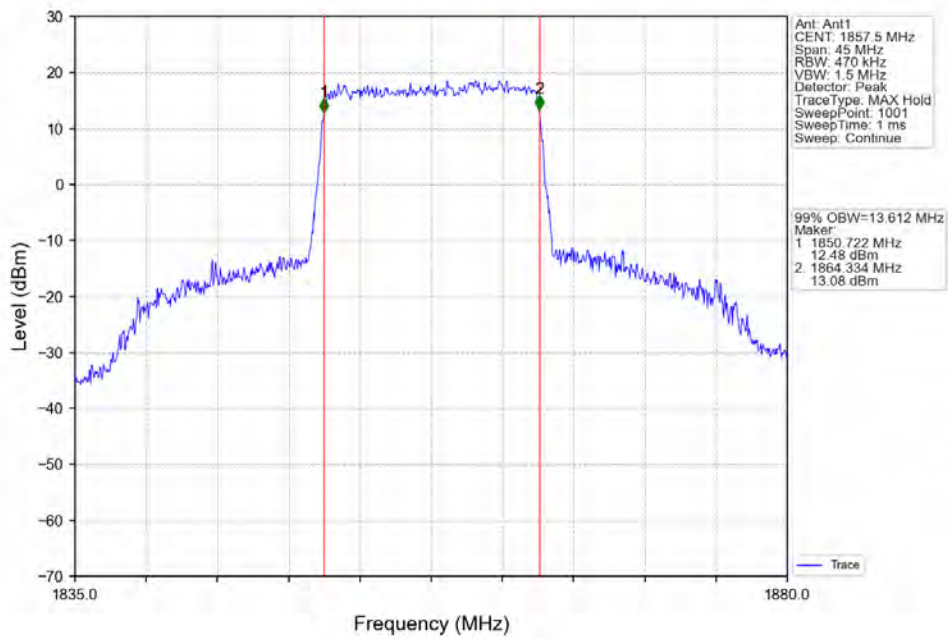
Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



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

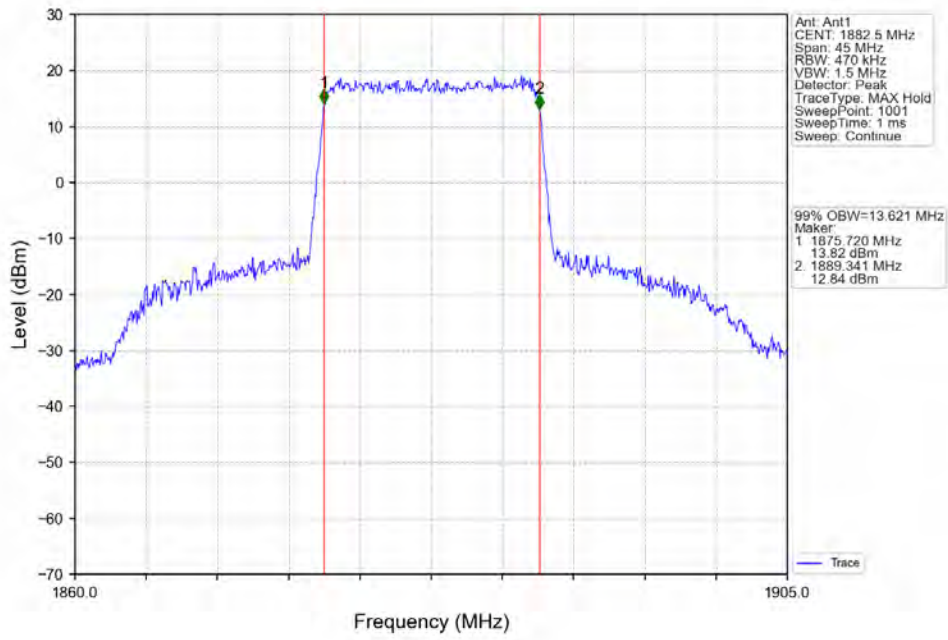


Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

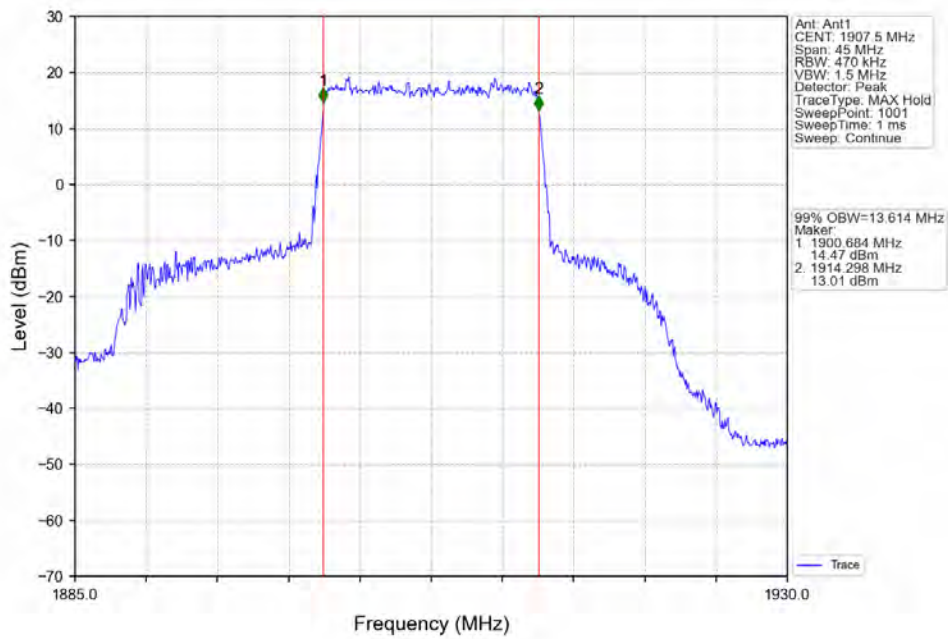




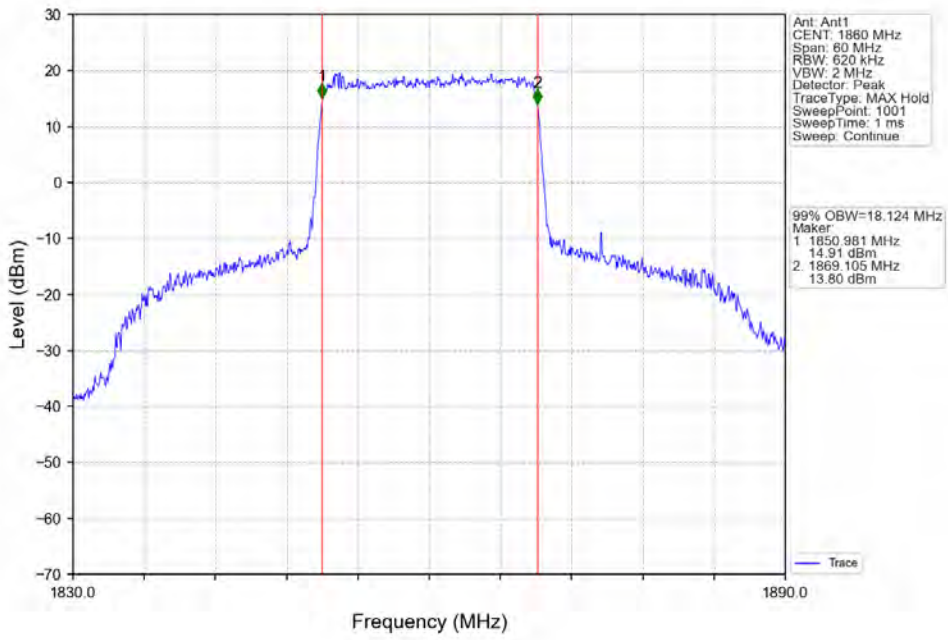
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



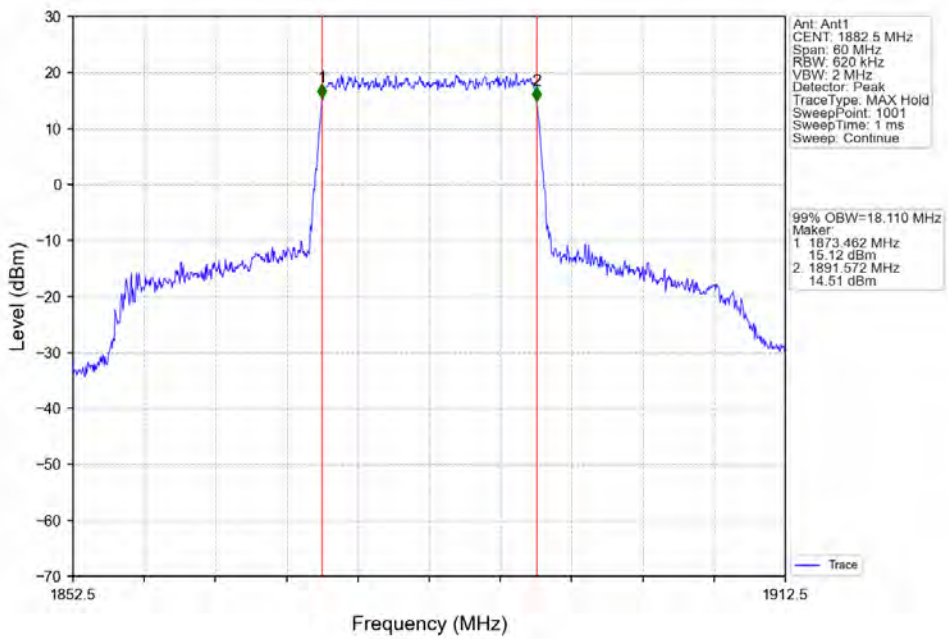
Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



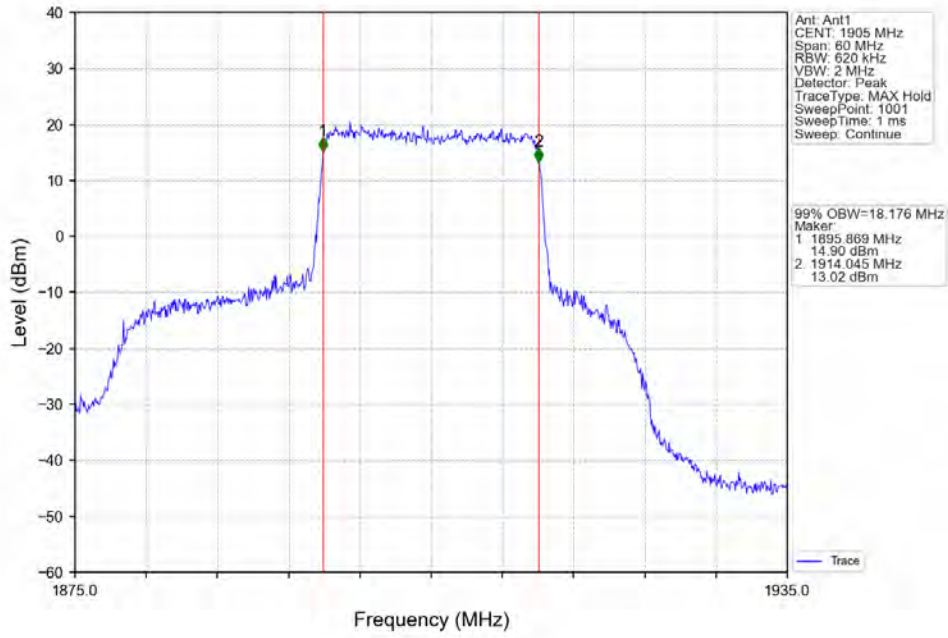
Band25\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



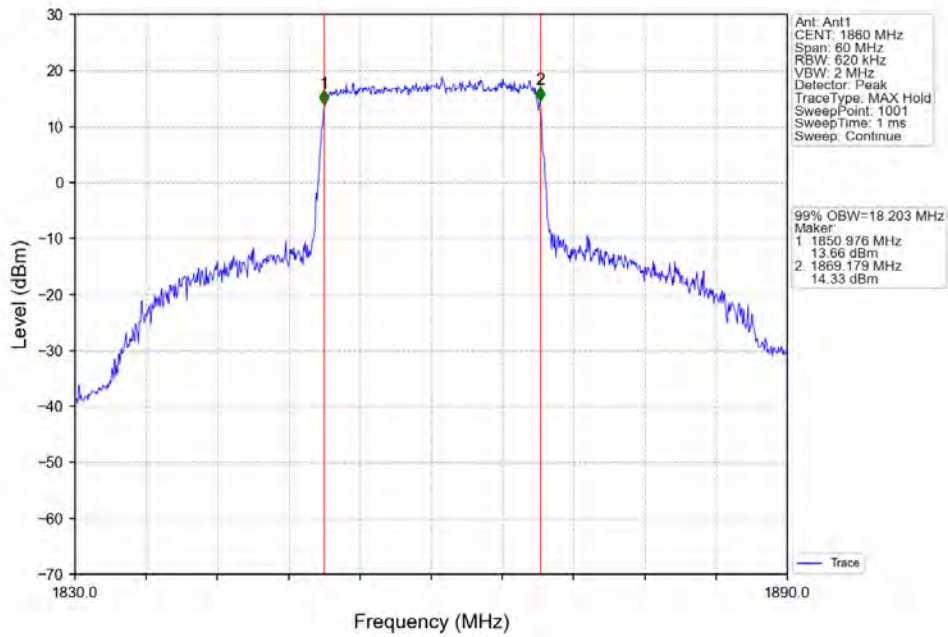
Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV



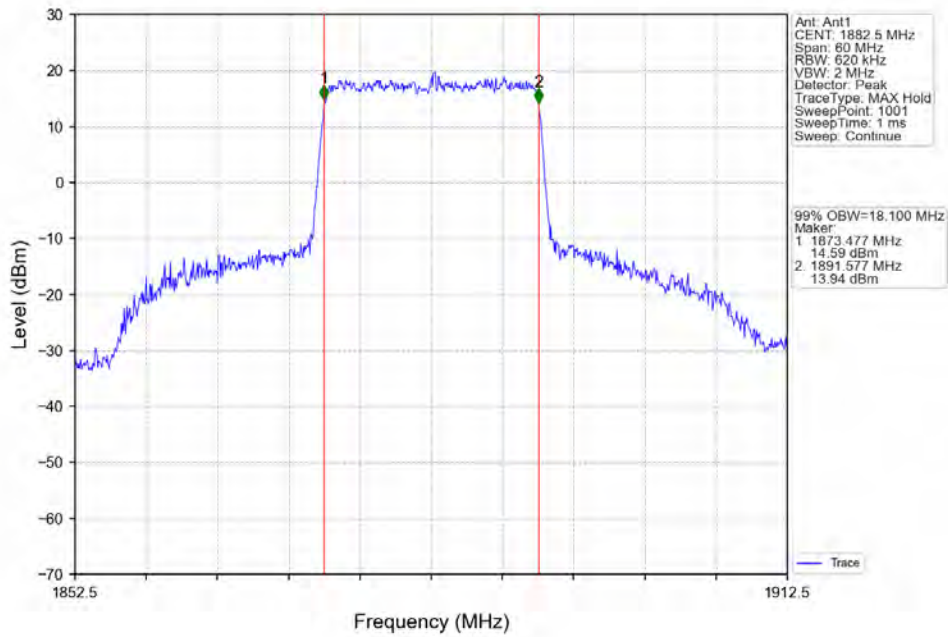
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV



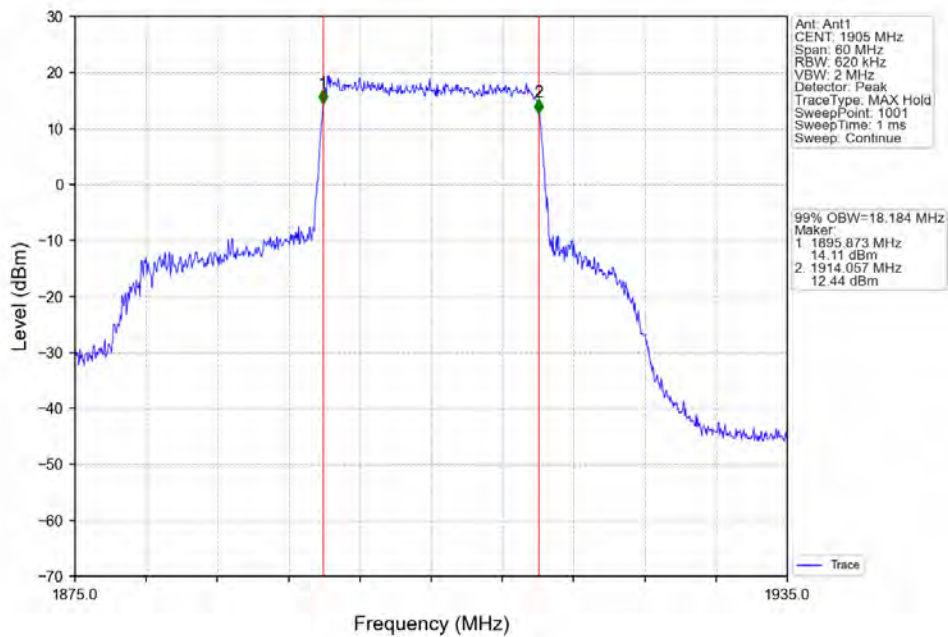
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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

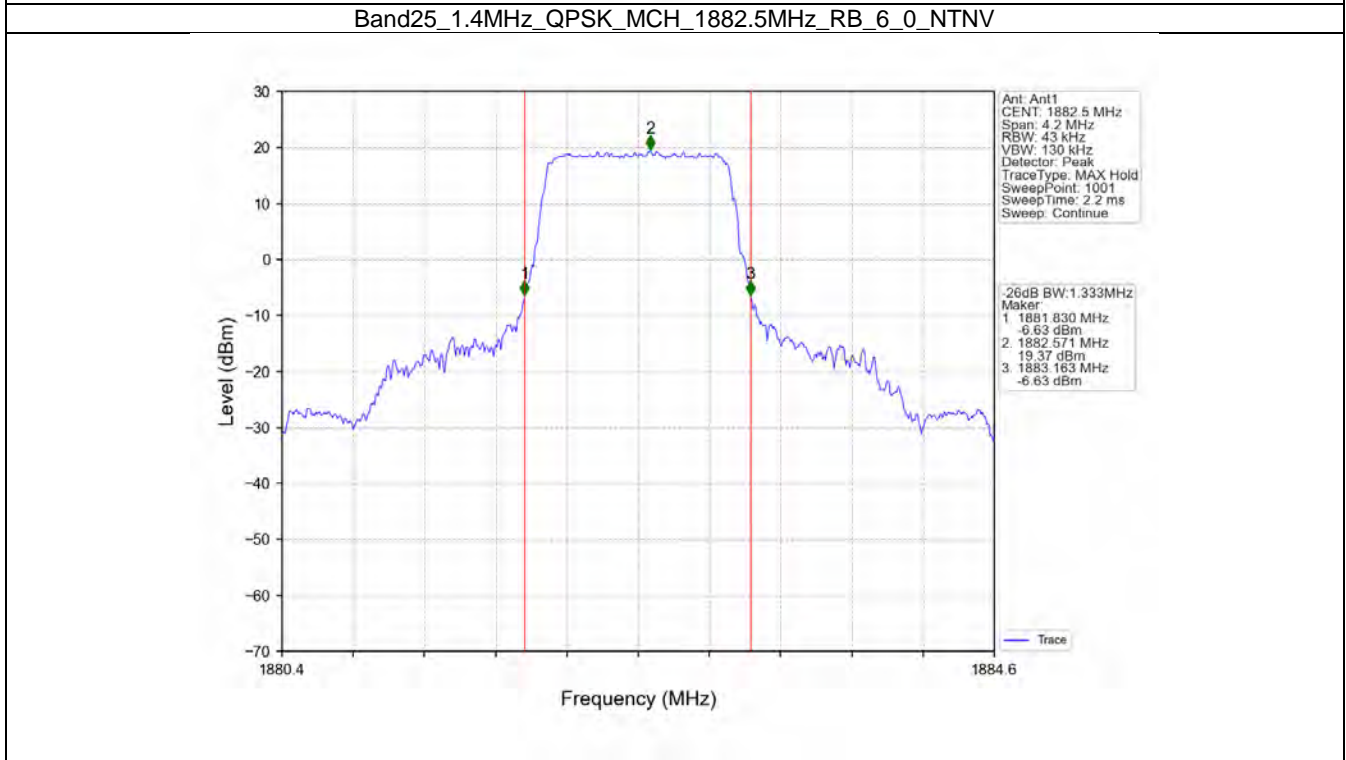
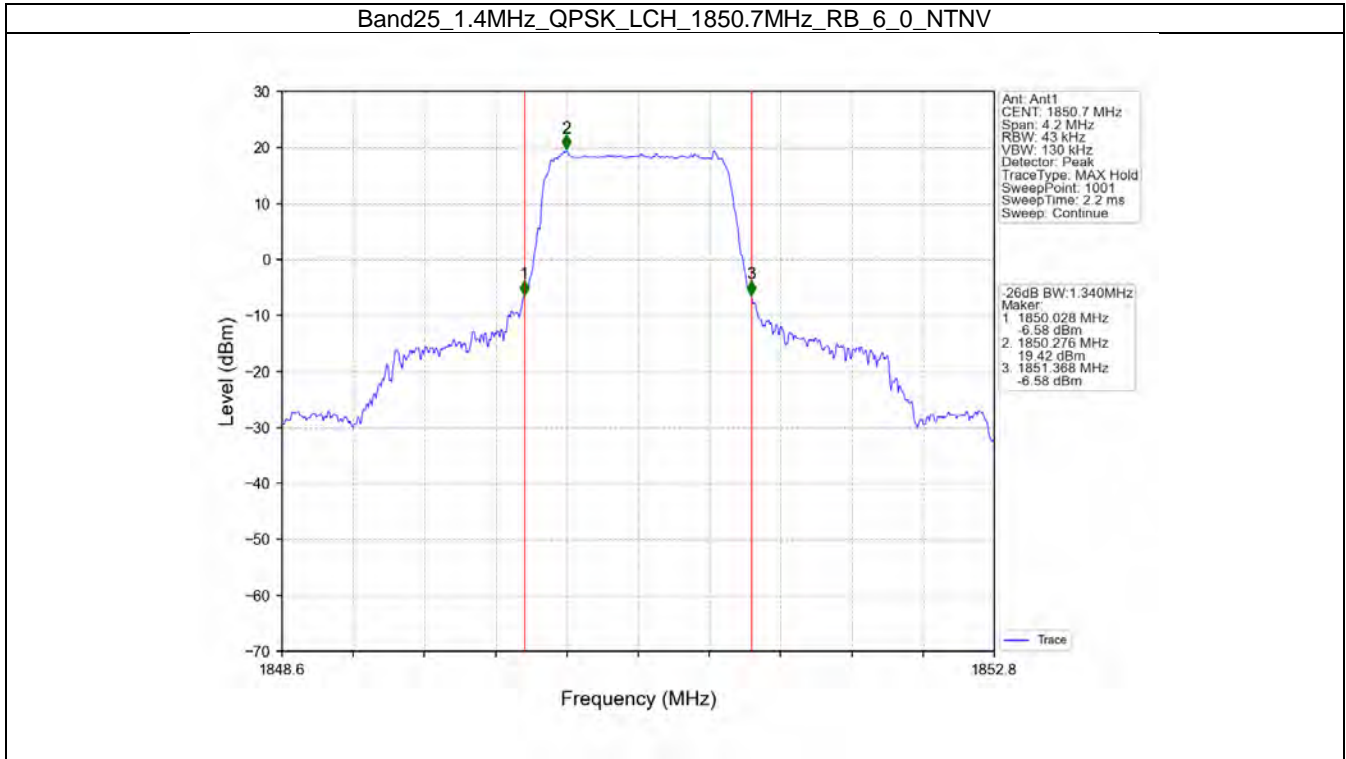


## 4.2 Band25\_XDB

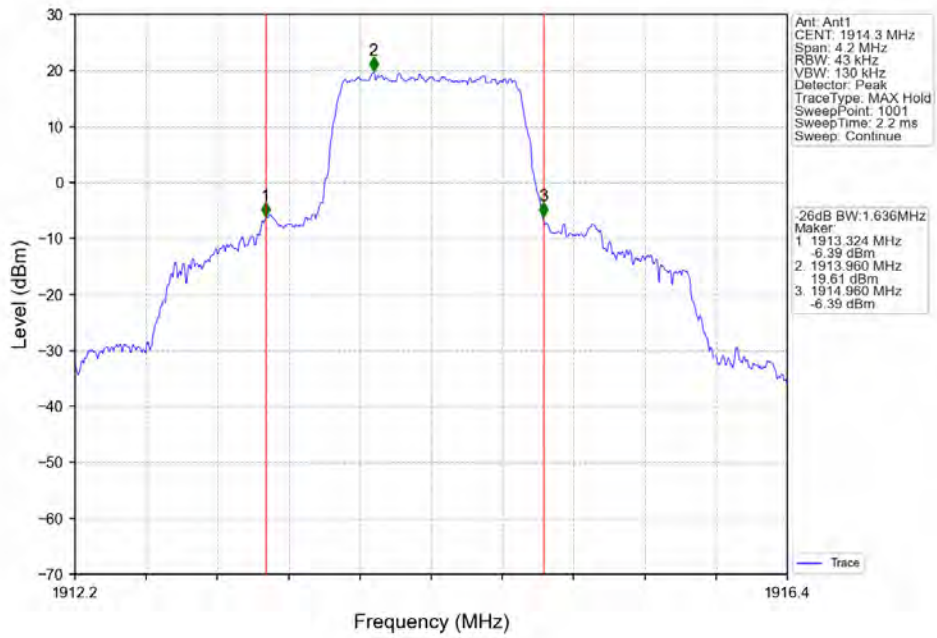
### 4.2.1 Test Result

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

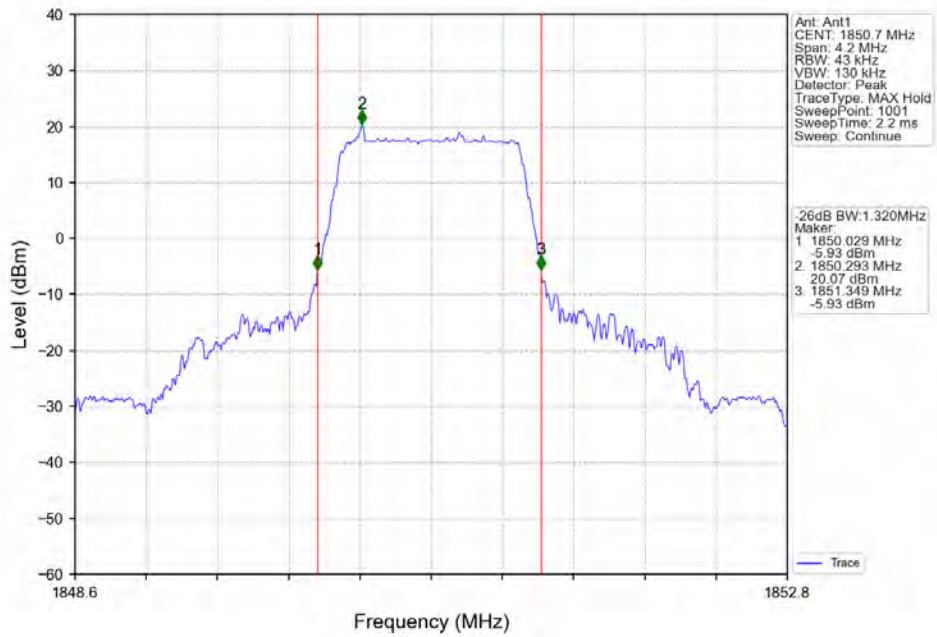
### 4.2.2 Test Graph



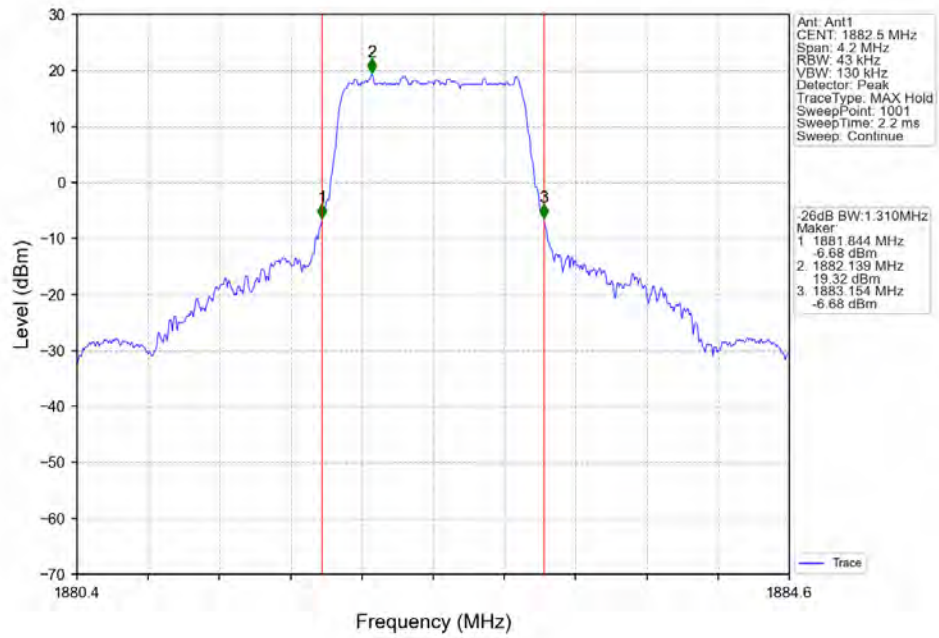
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



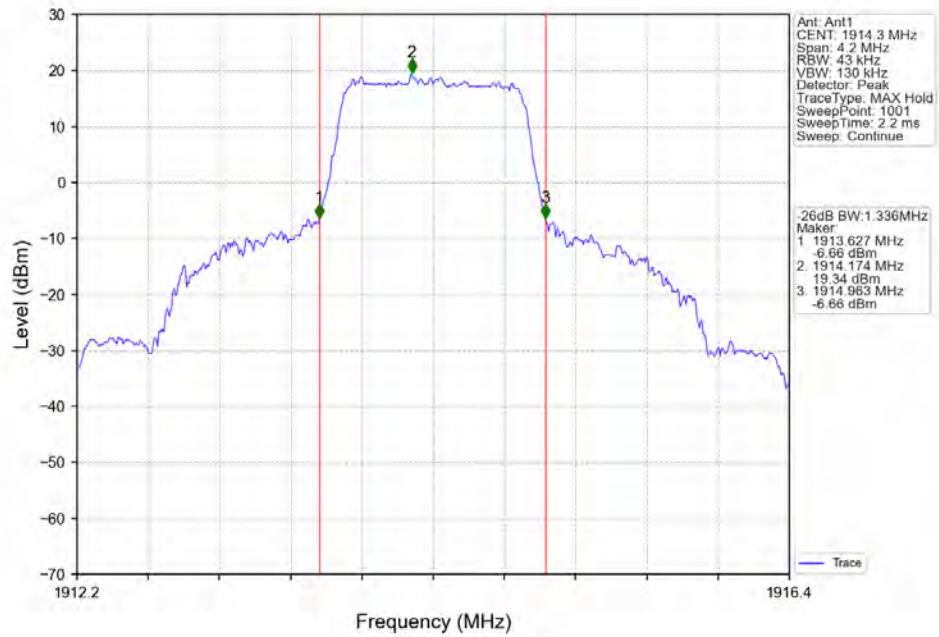
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



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

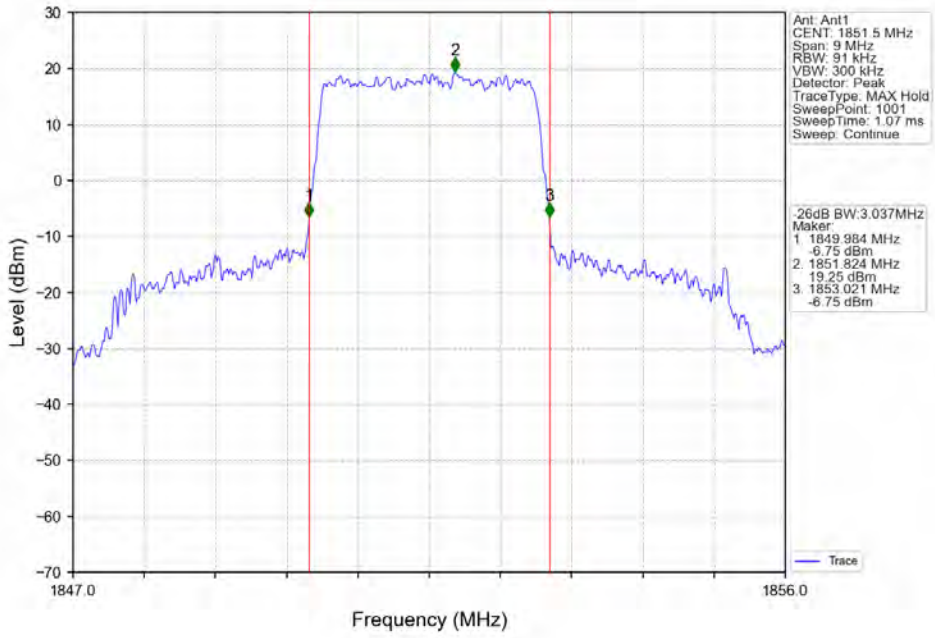


Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV

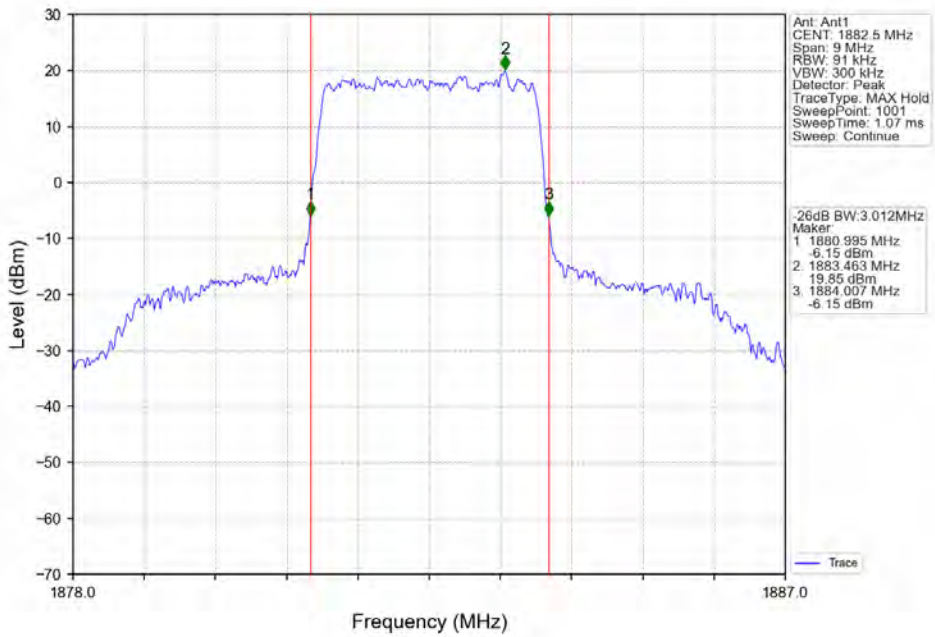




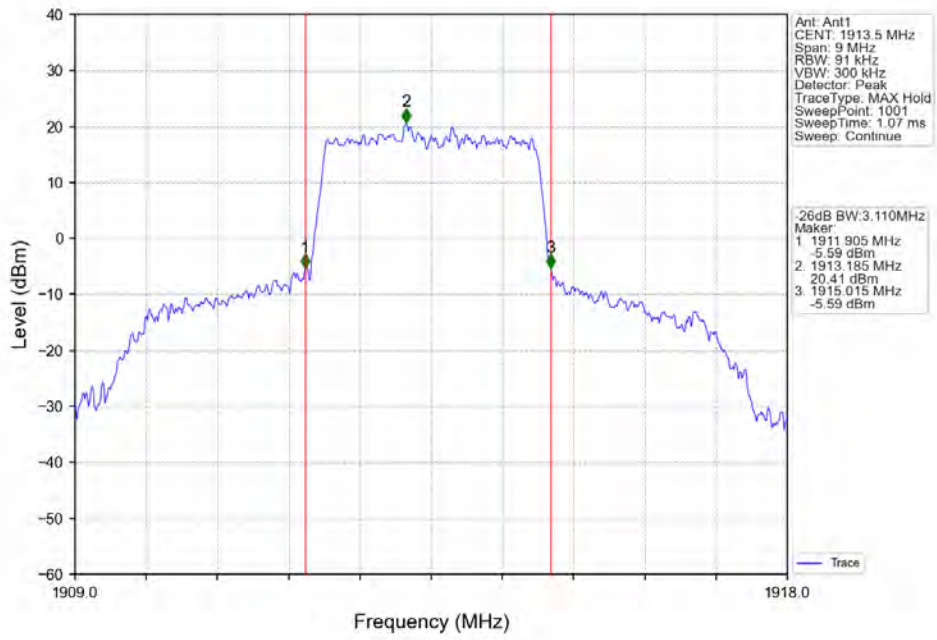
Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



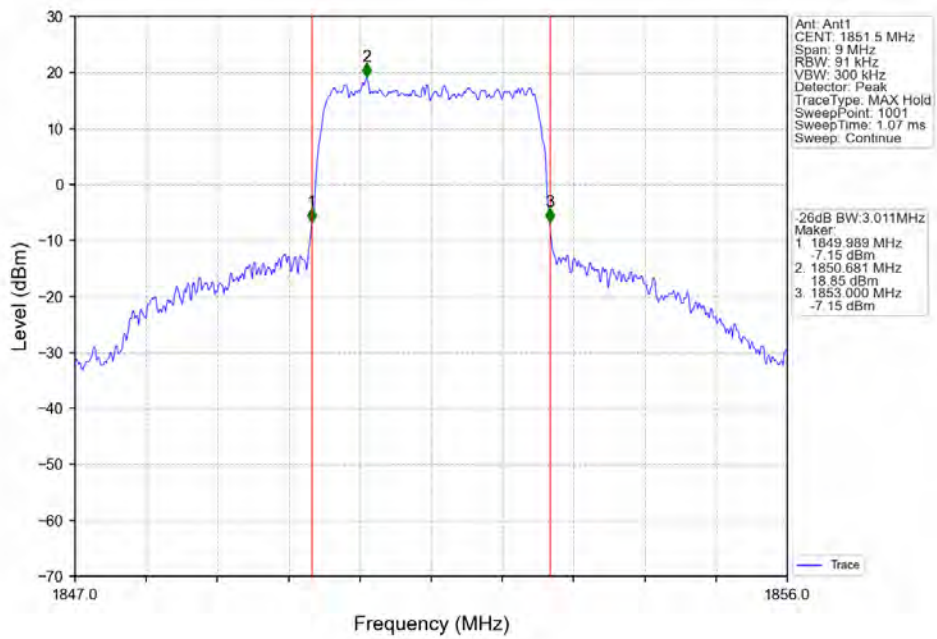
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



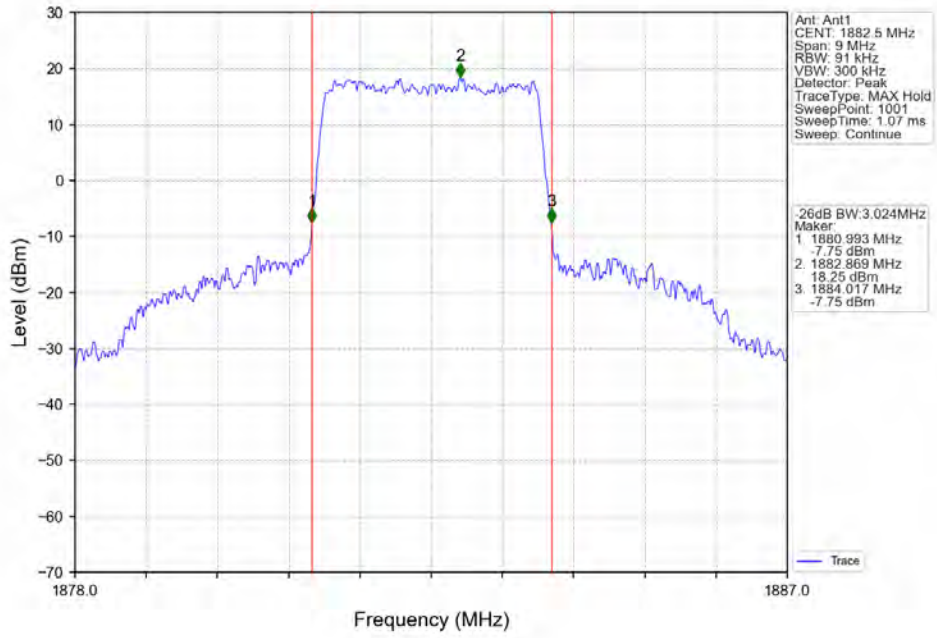
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



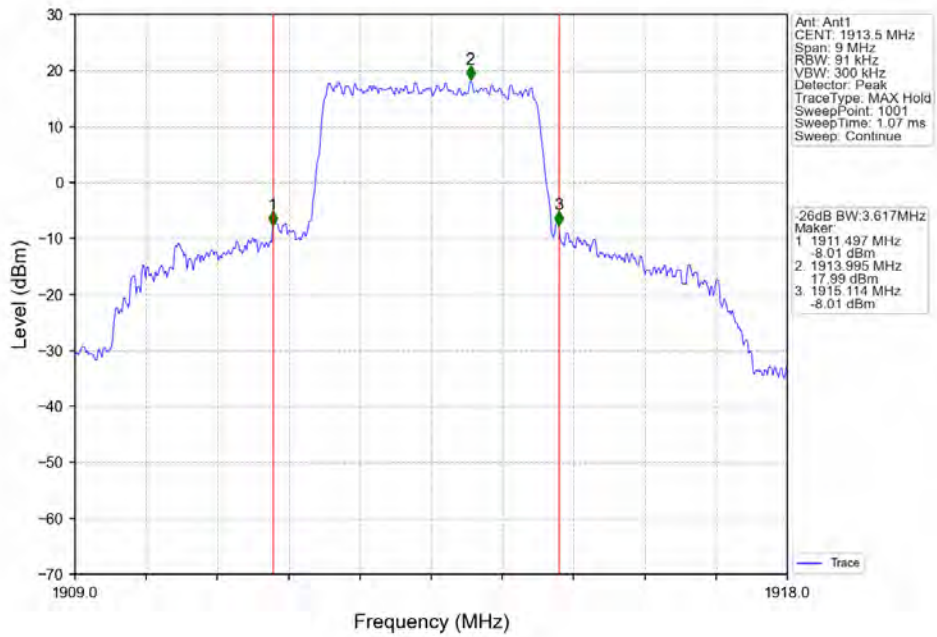
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



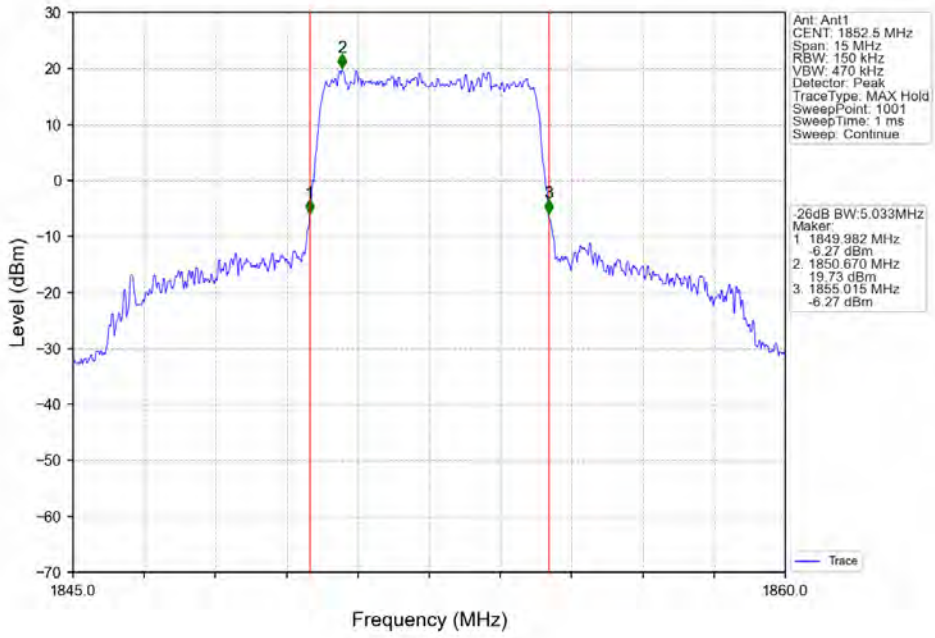
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



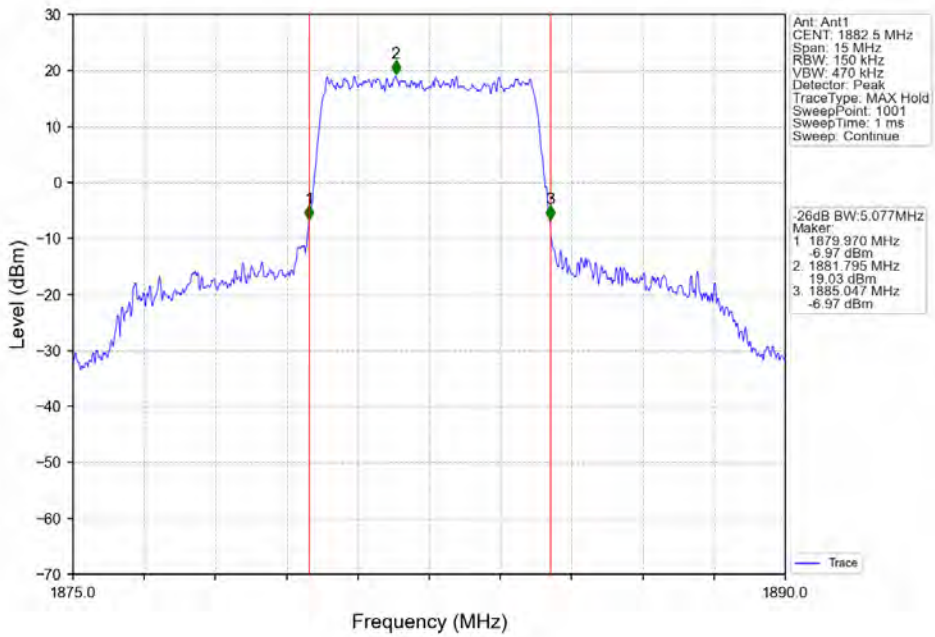
Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



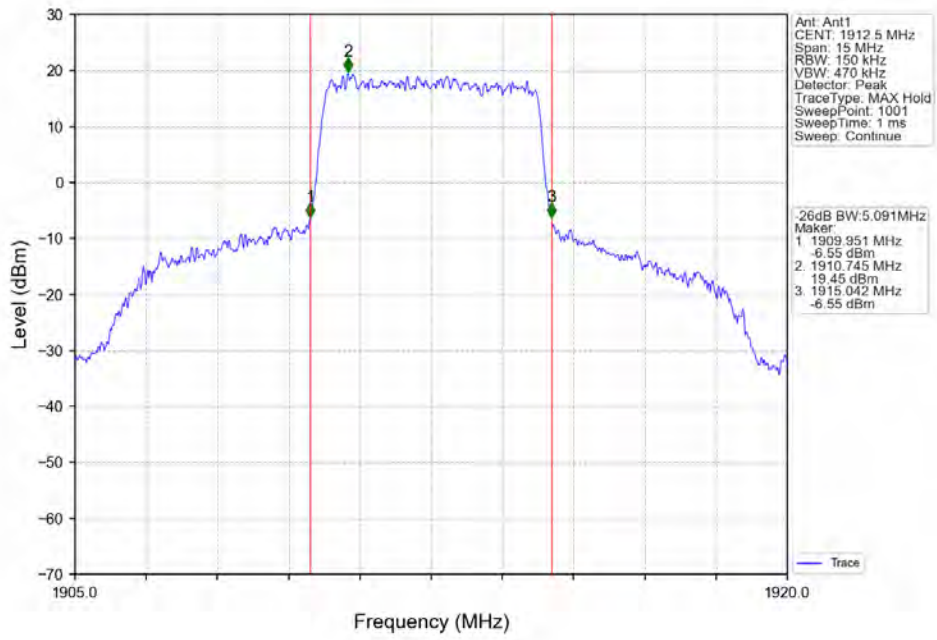
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



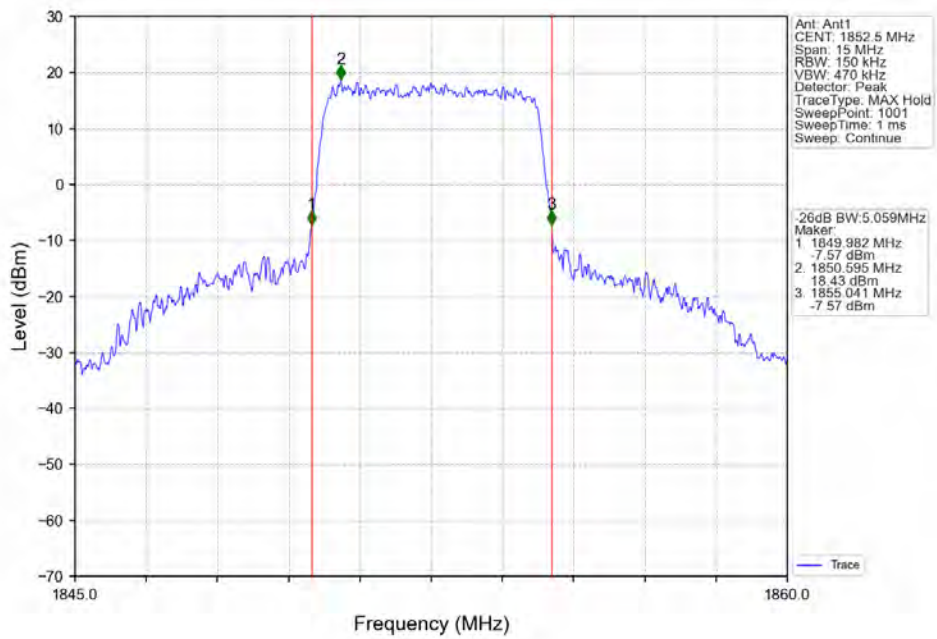
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



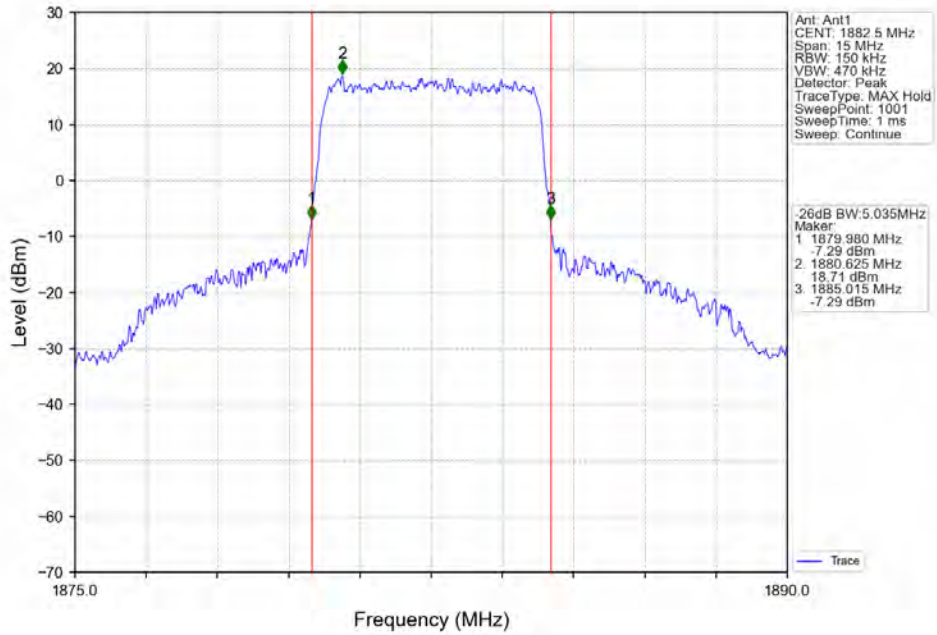
Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



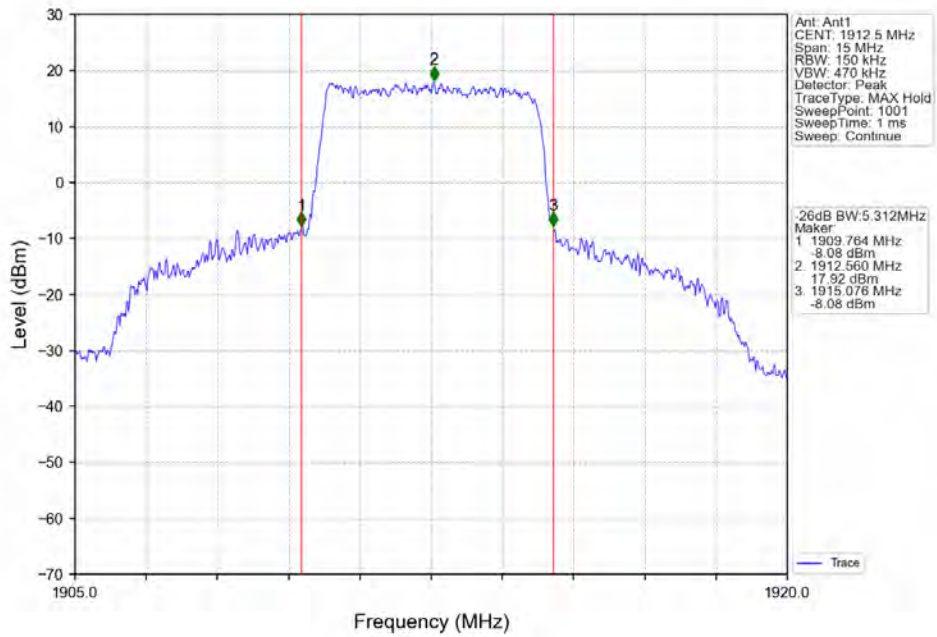
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



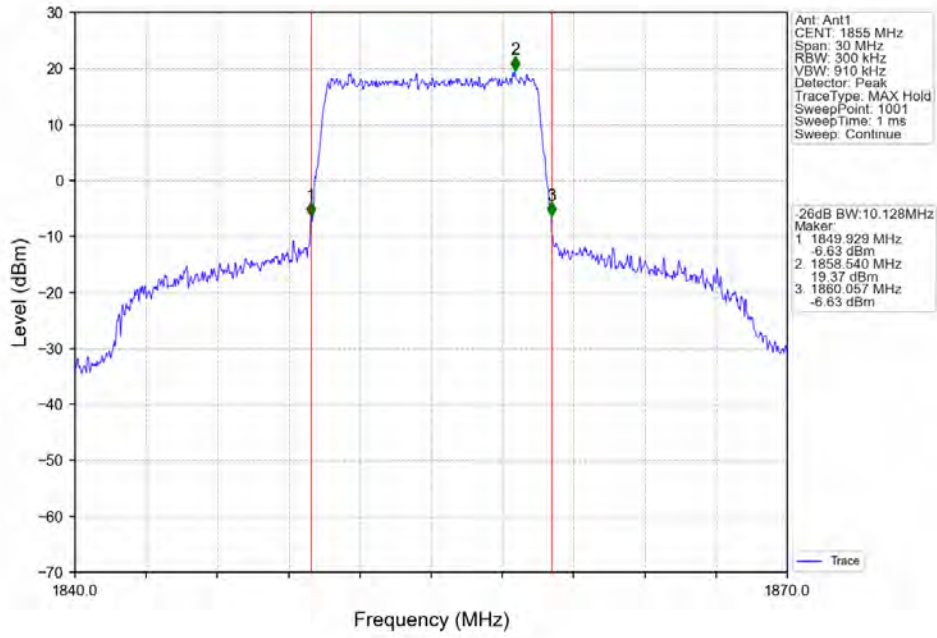
Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



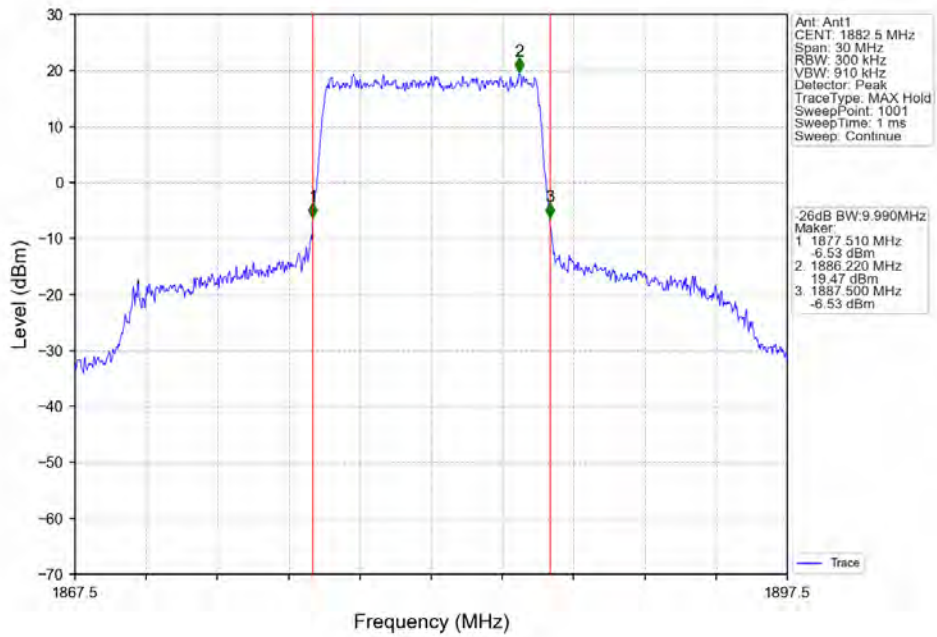
Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



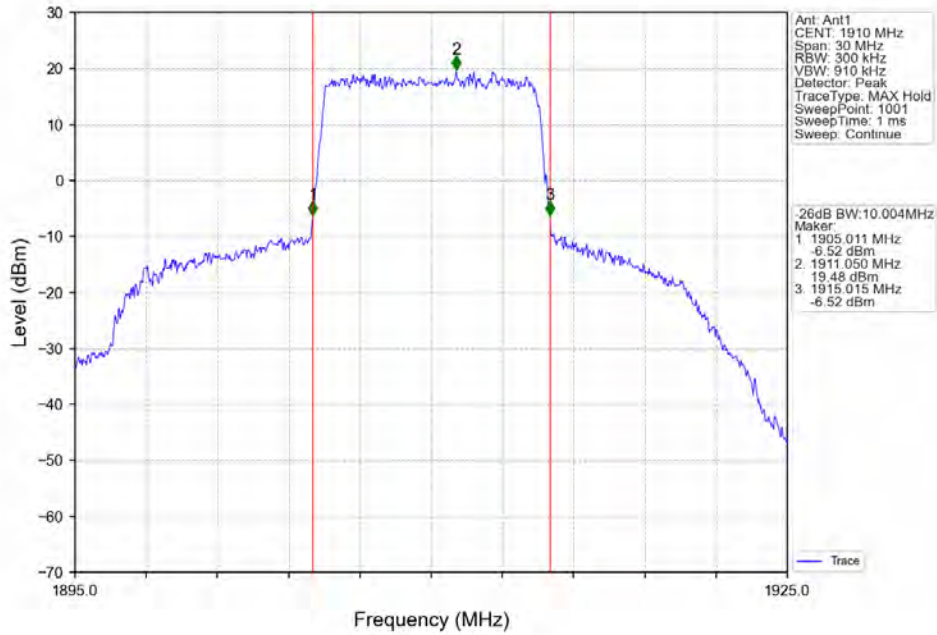
Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



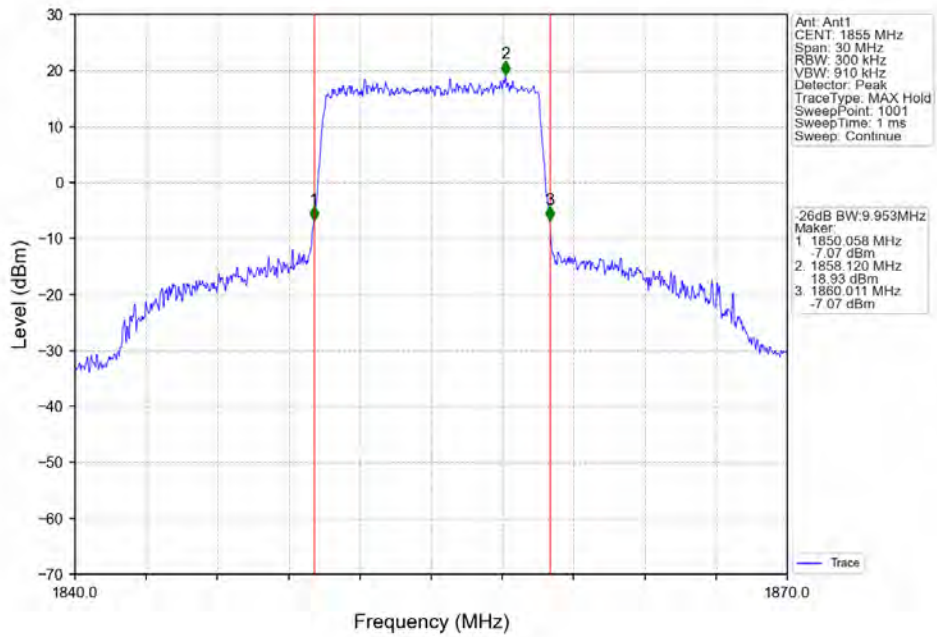
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



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

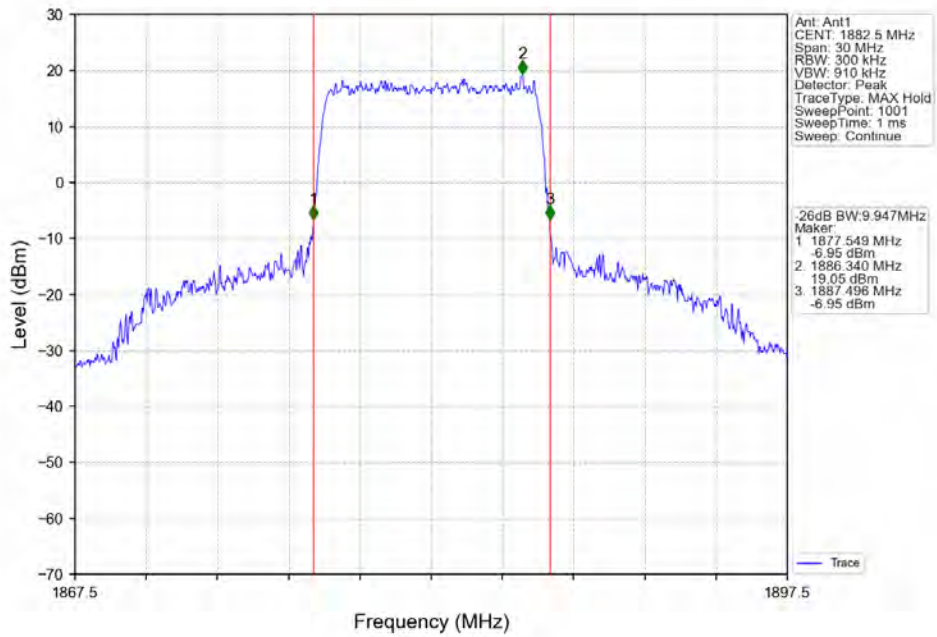


Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV

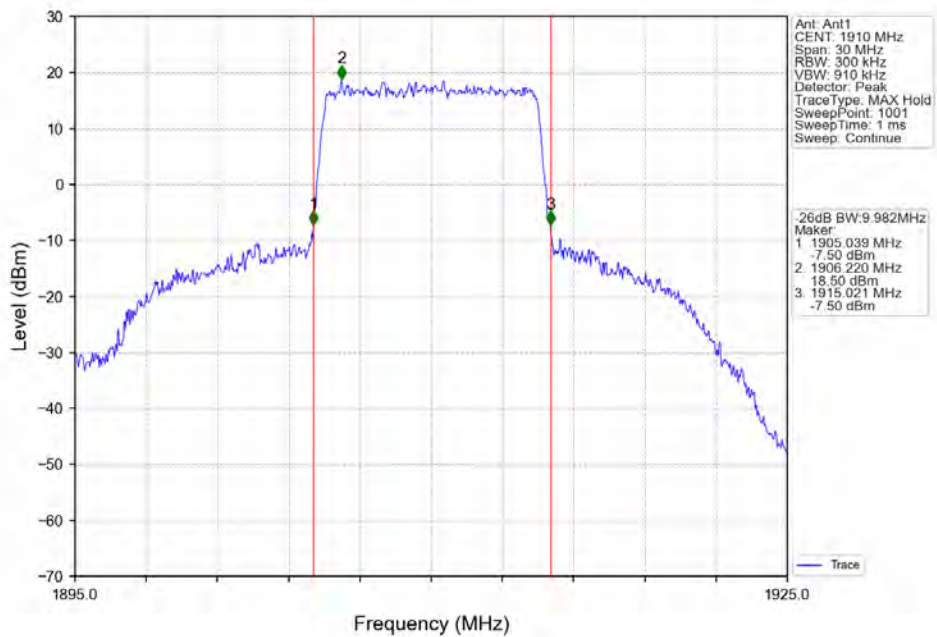




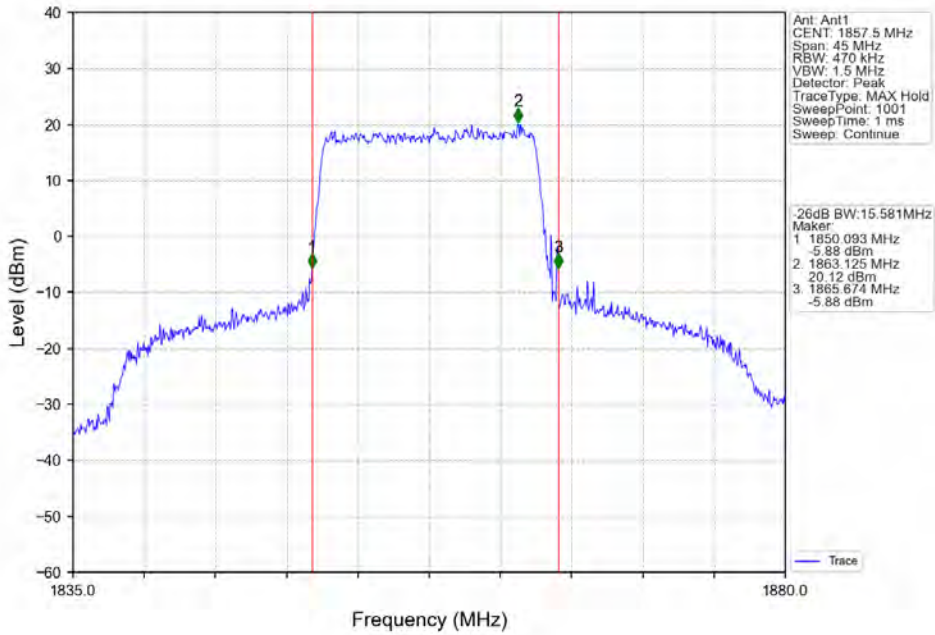
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



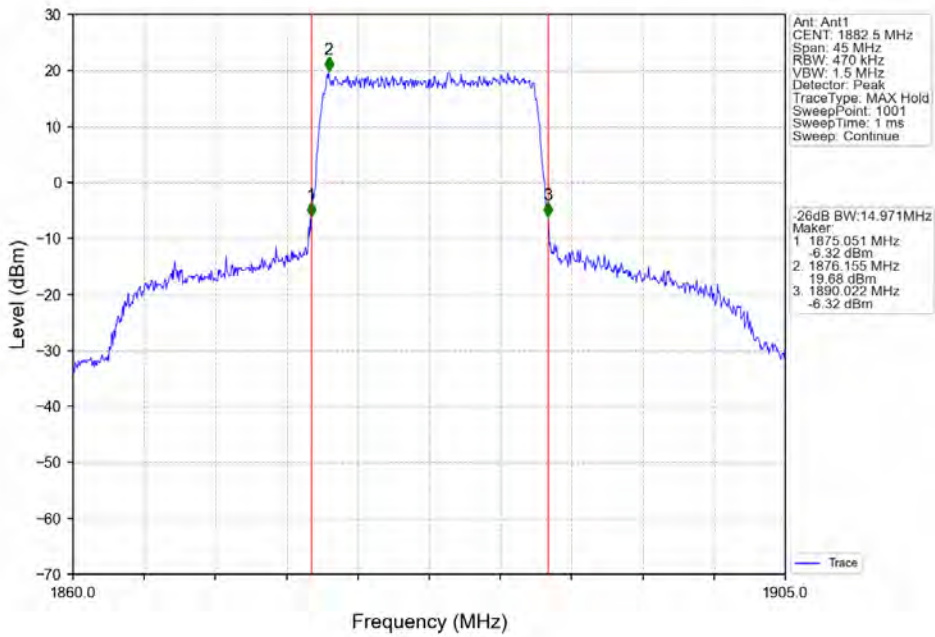
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_50\_0\_NTNV



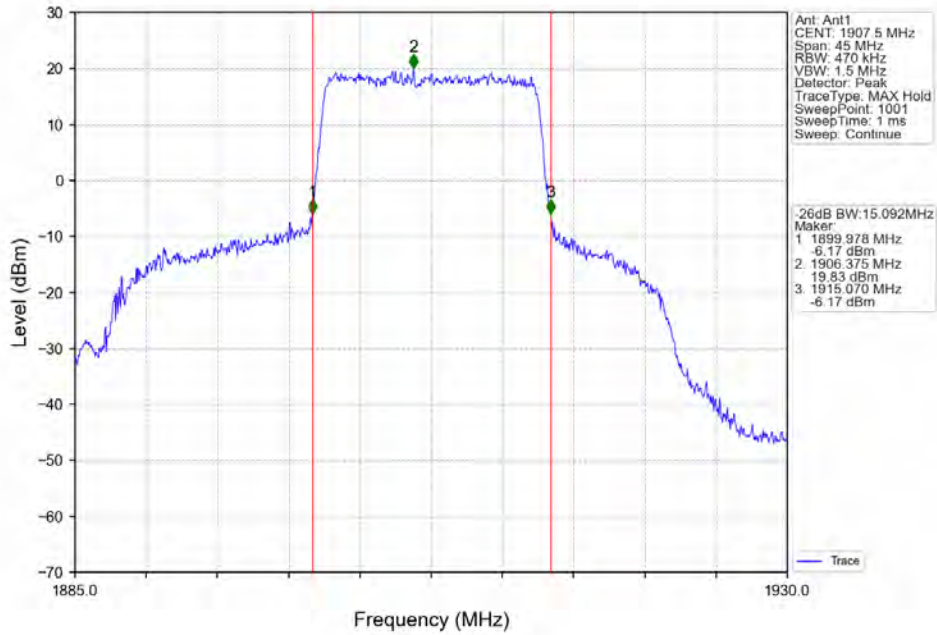
Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



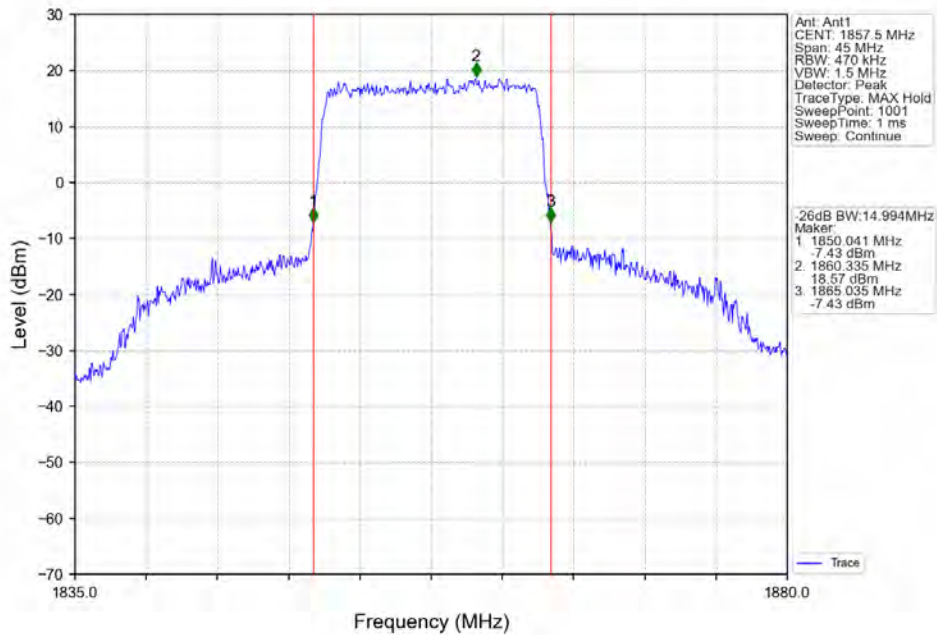
Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



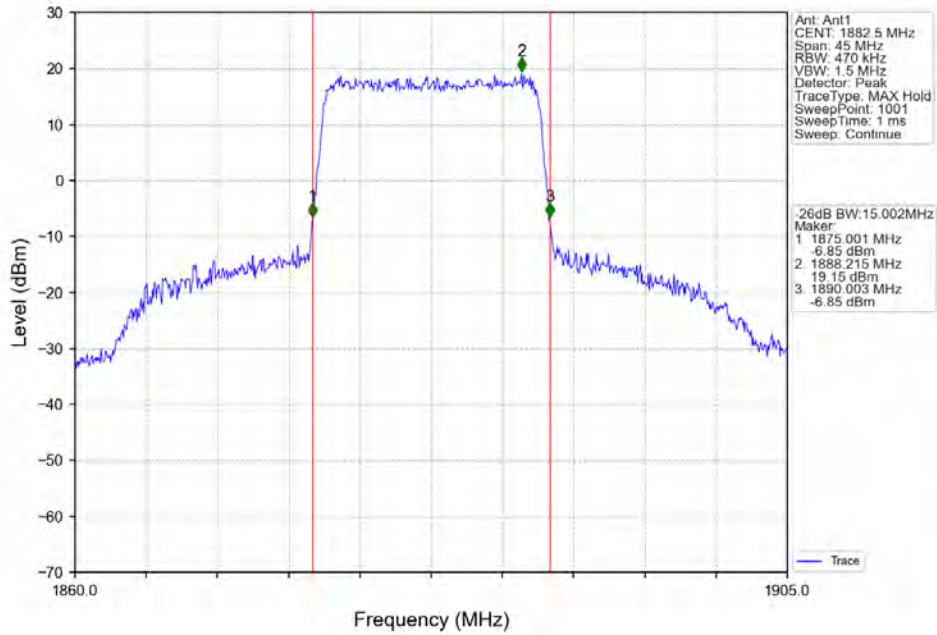
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



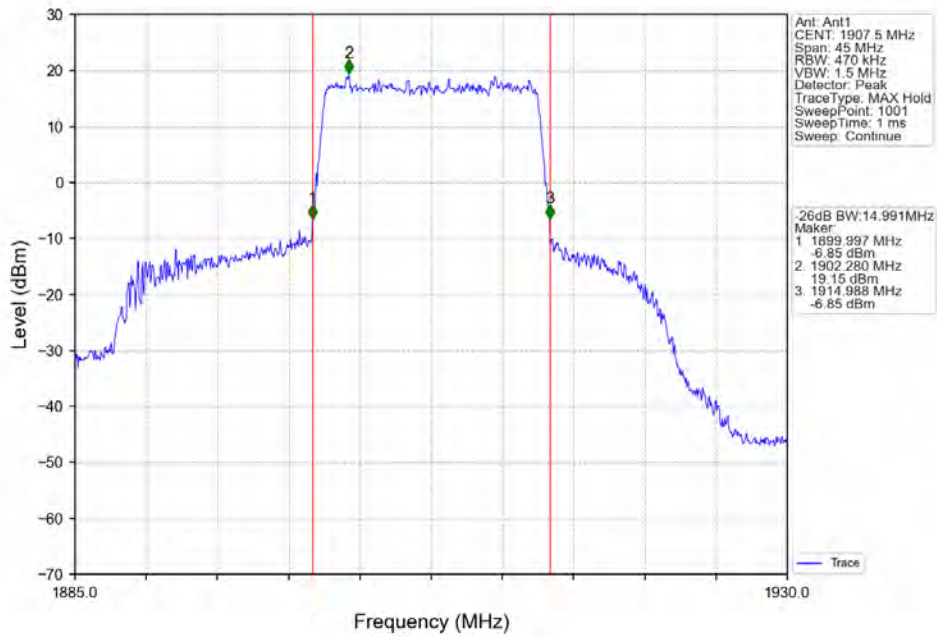
Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



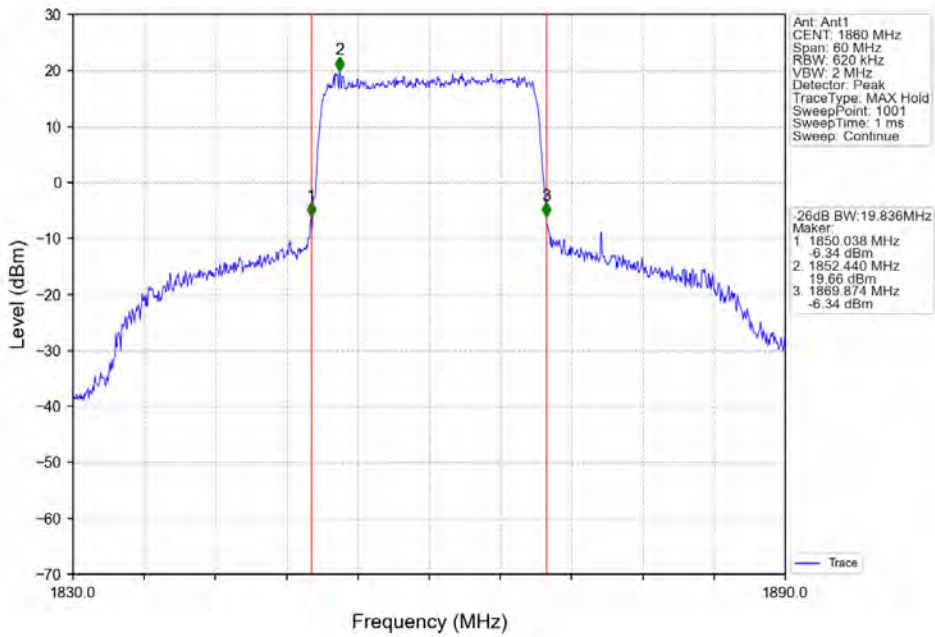
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



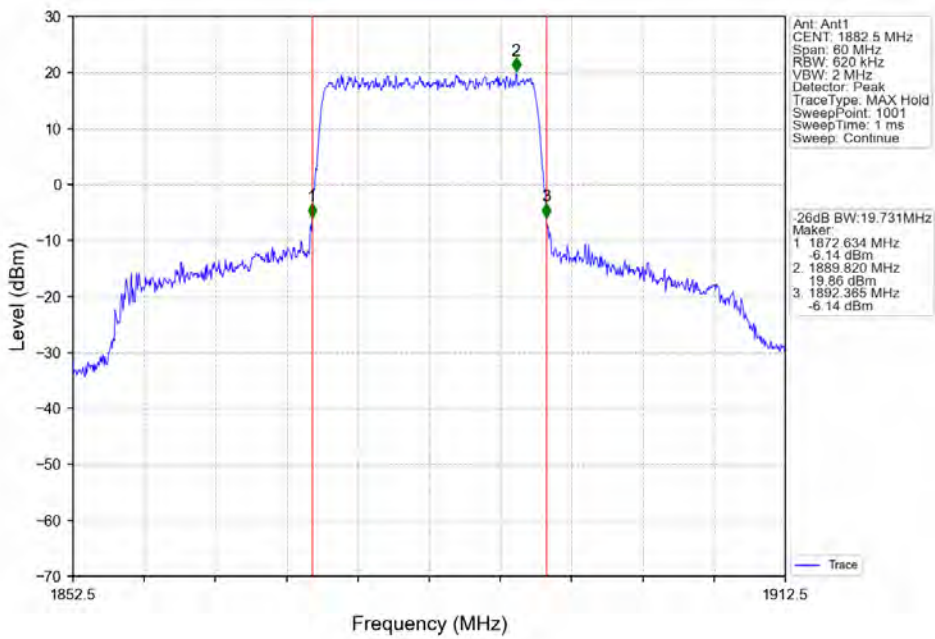
Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



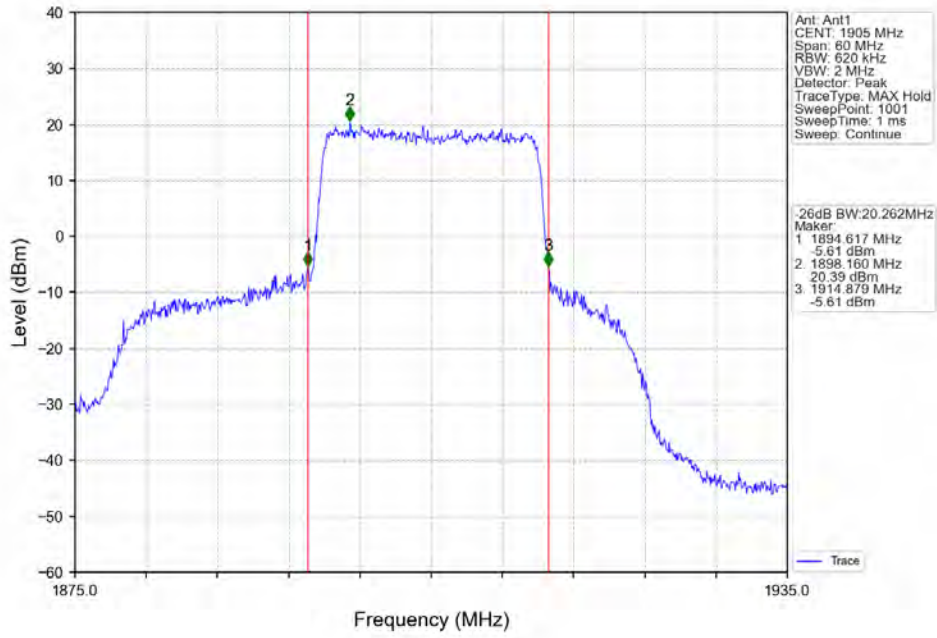
Band25\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



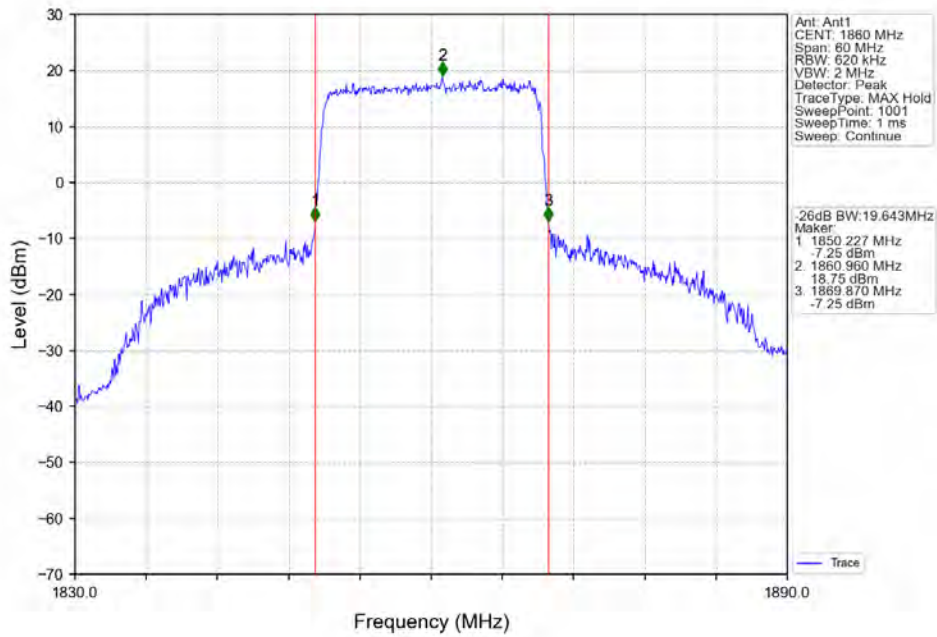
Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV



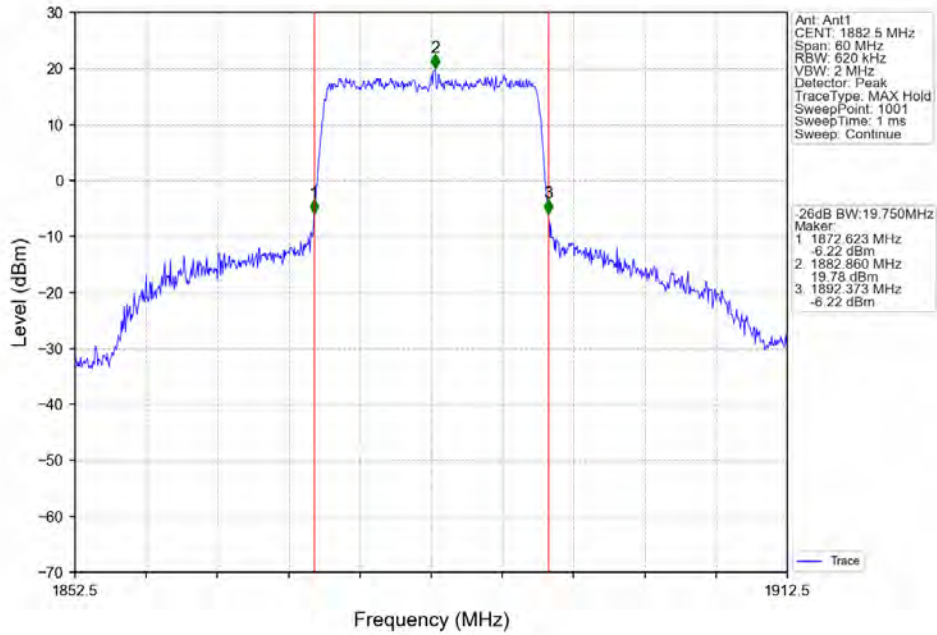
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV



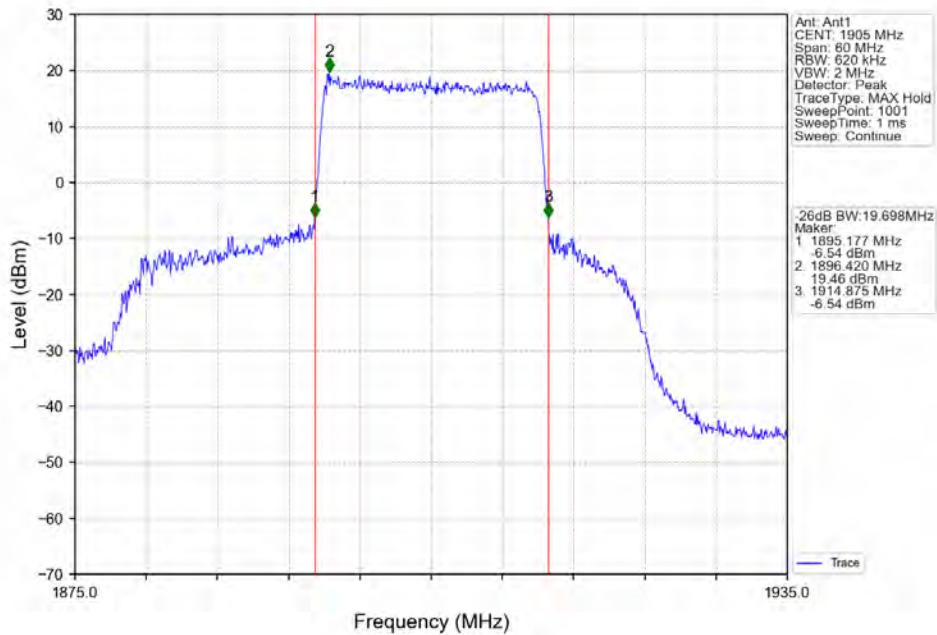
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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



## 5. Peak-Average Ratio

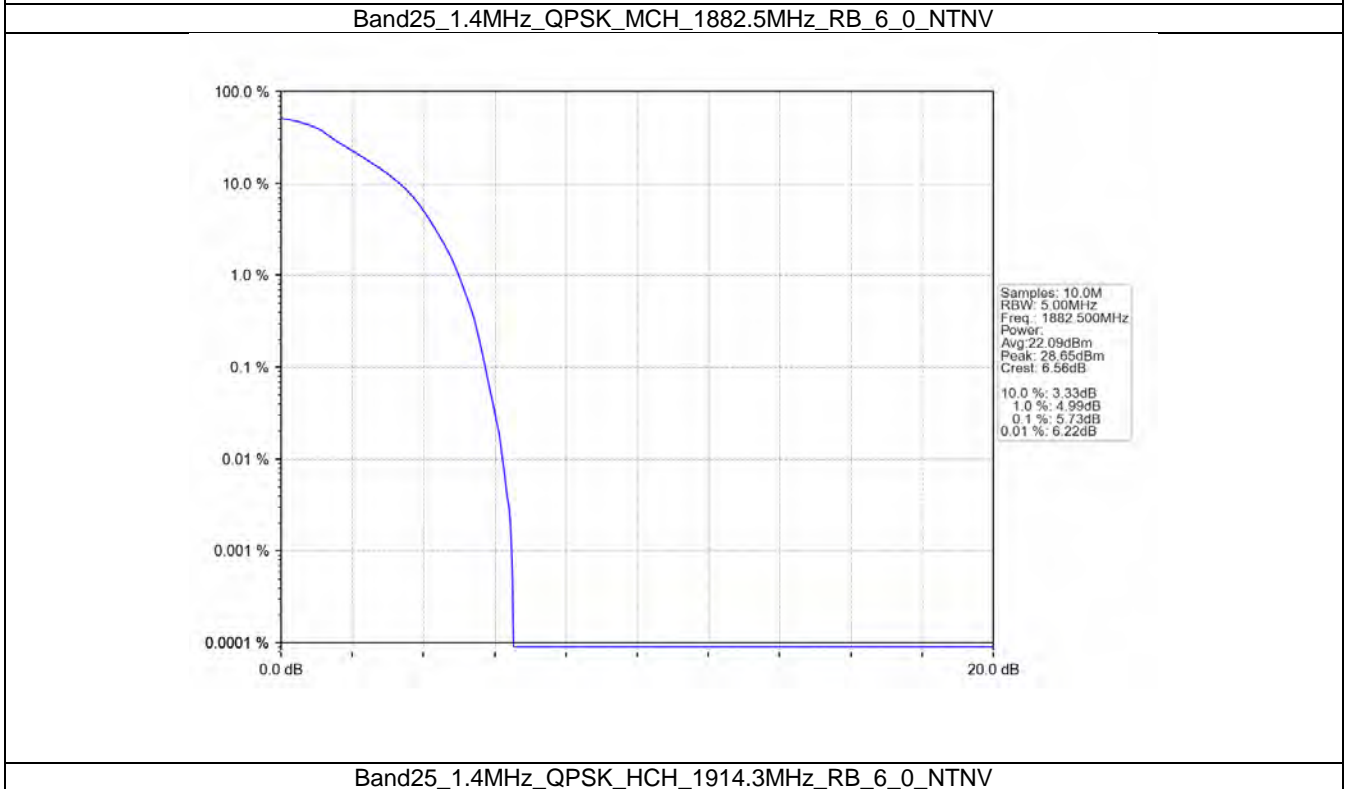
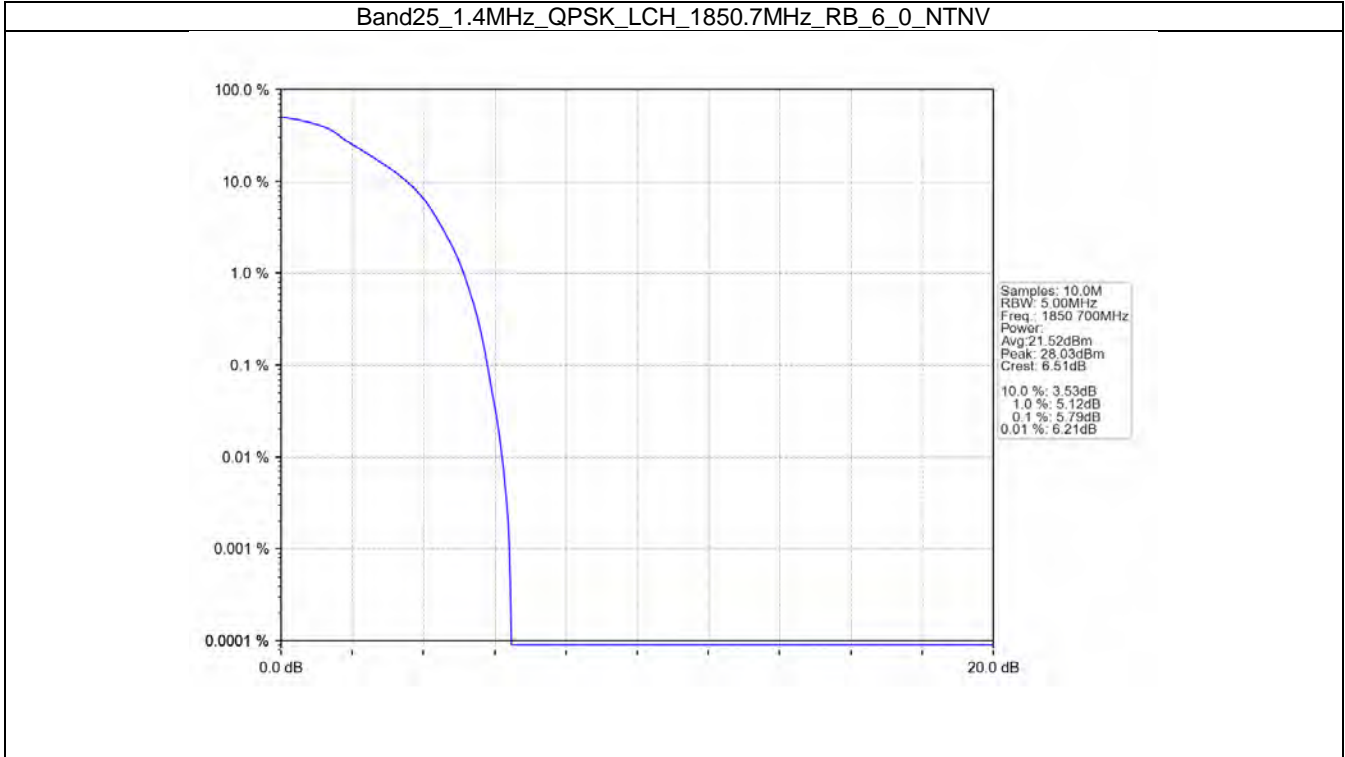
### 5.1 B25\_1.4MHz

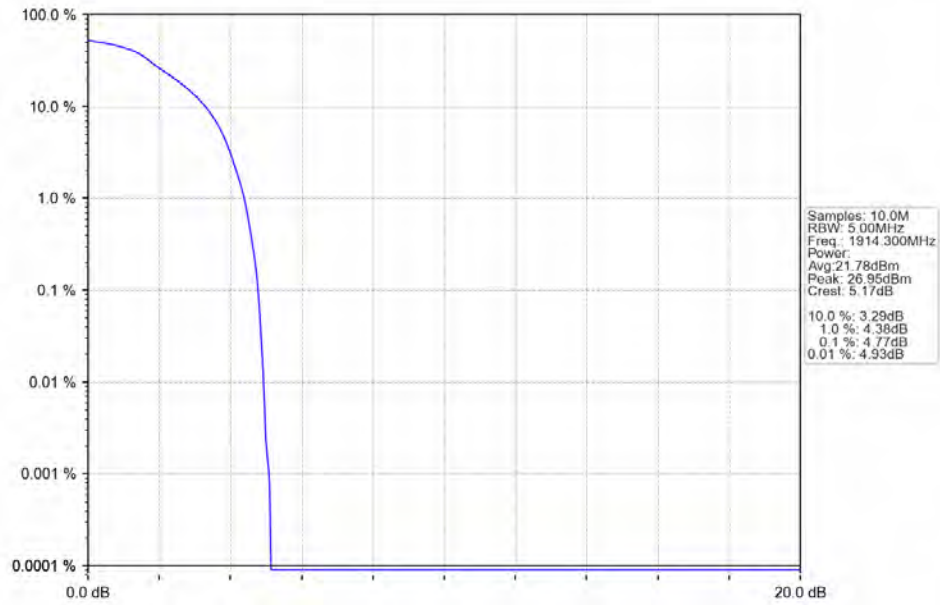
#### 5.1.1 Test Result

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

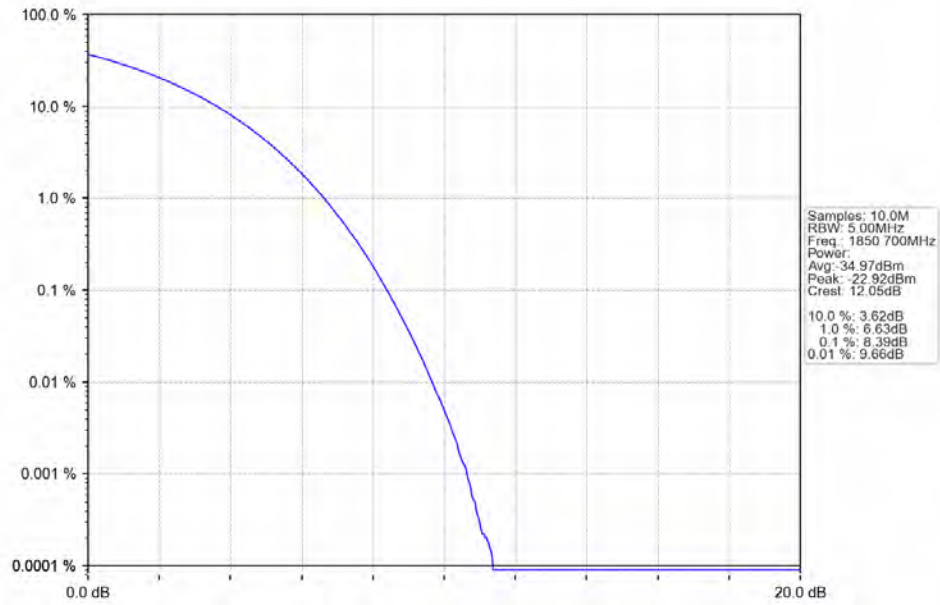


### 5.1.2 Test Graph

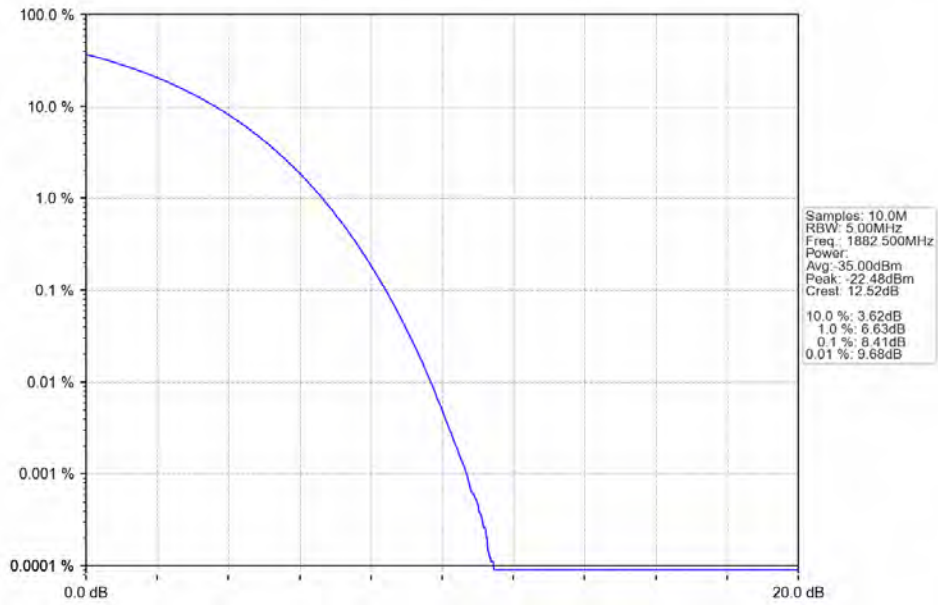




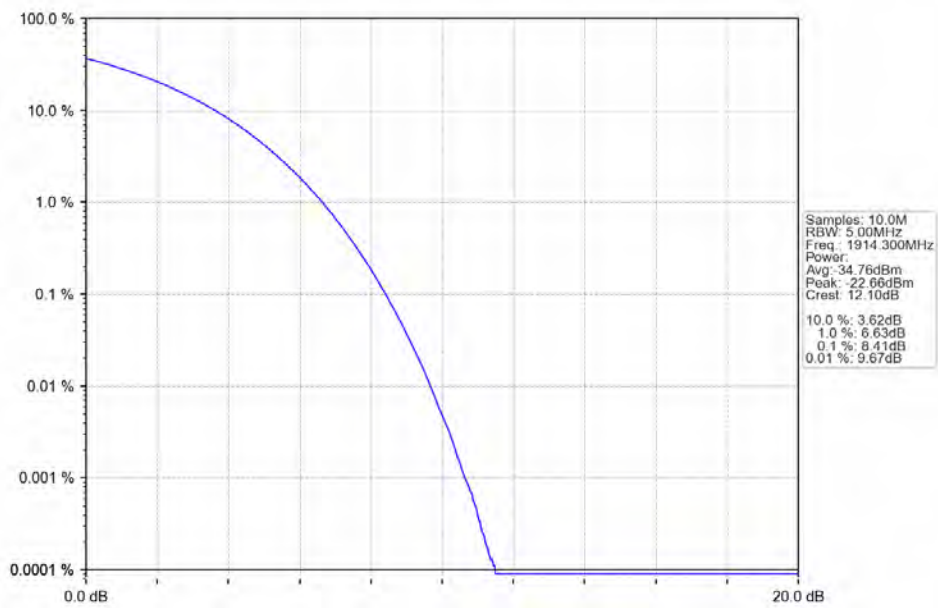
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



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



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

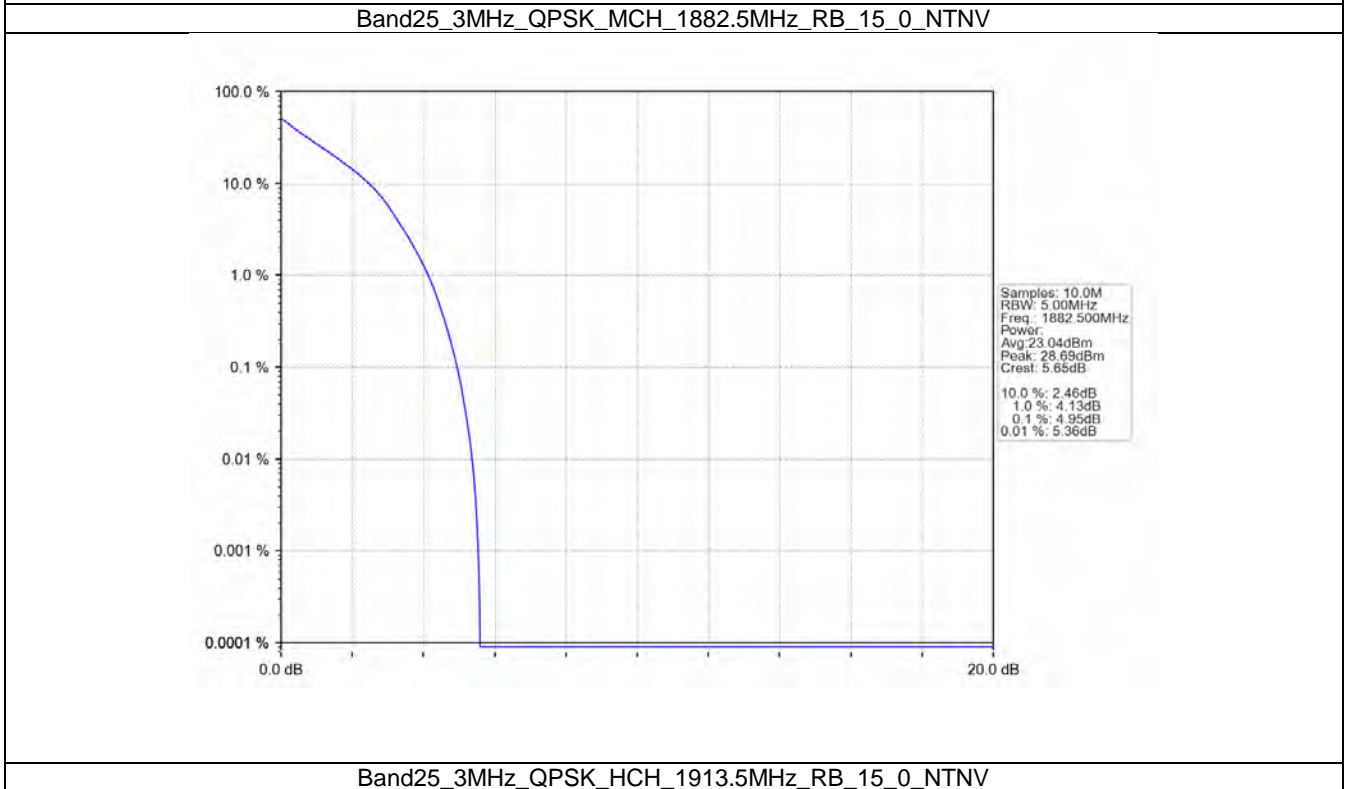
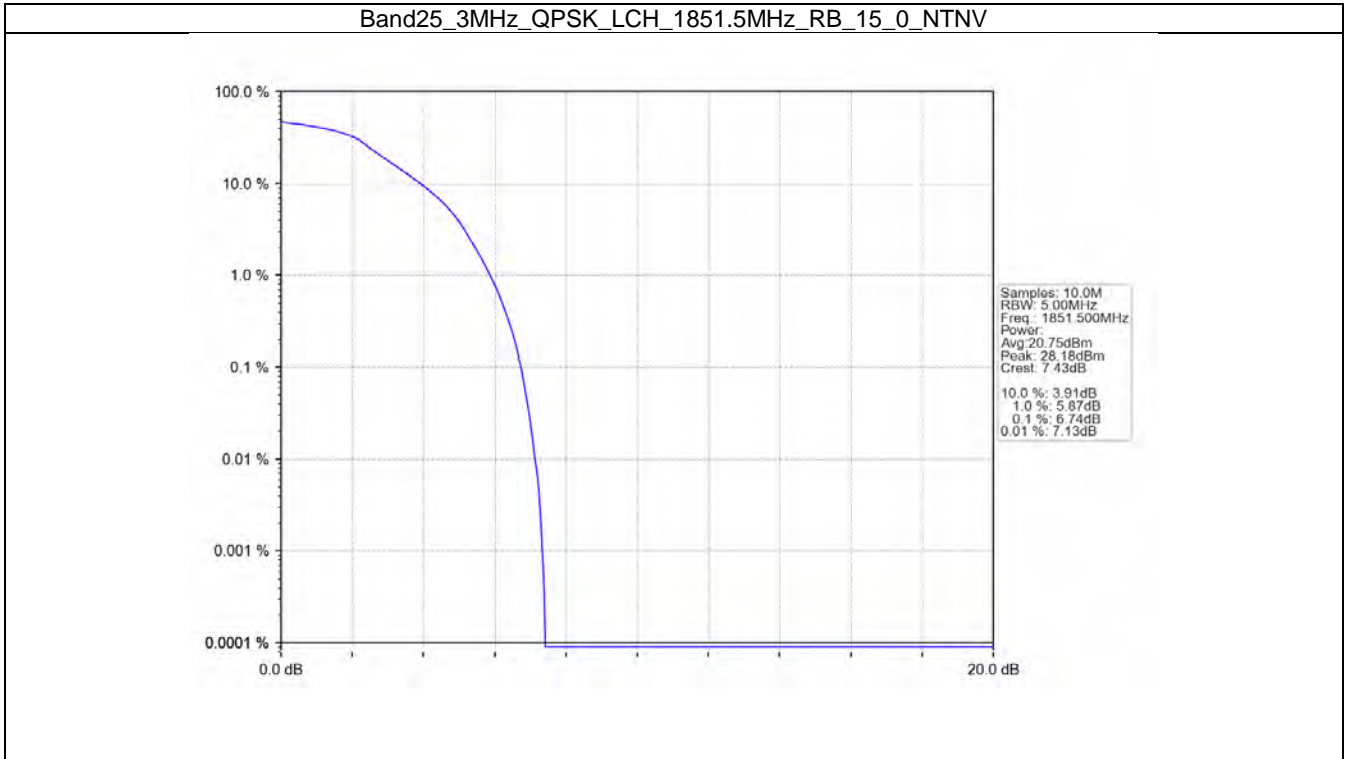


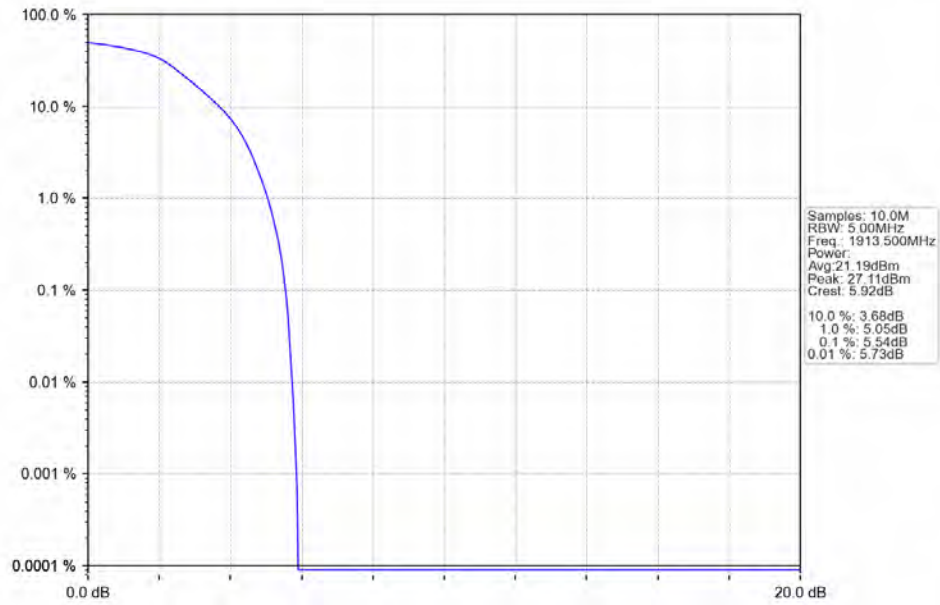
## 5.2 B25\_3MHz

### 5.2.1 Test Result

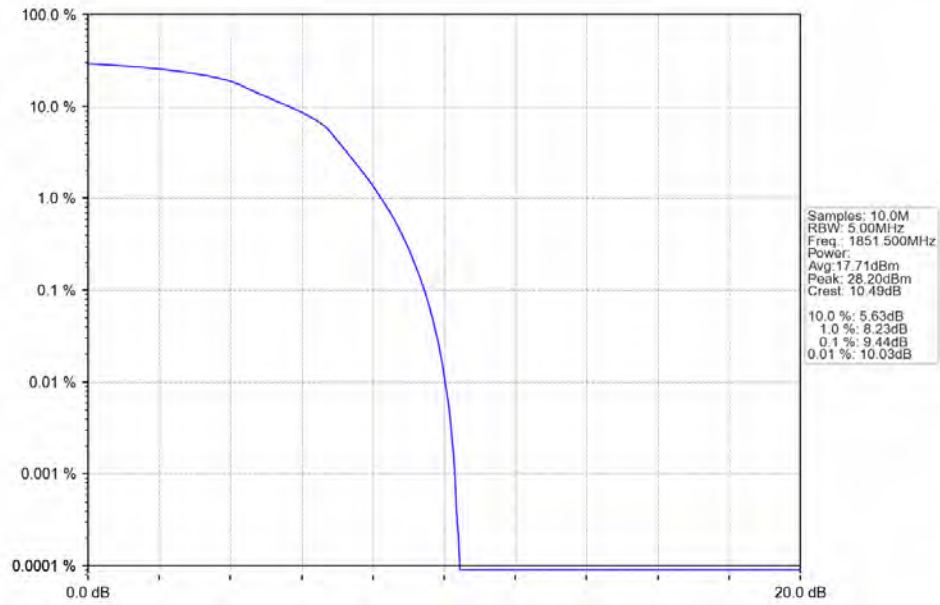
Band: 25 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	6.74	<=13	Pass
	1882.5	15	0	4.95	<=13	Pass
	1913.5	15	0	5.54	<=13	Pass
16QAM	1851.5	15	0	9.44	<=13	Pass
	1882.5	15	0	8.41	<=13	Pass
	1913.5	15	0	7.19	<=13	Pass

### 5.2.2 Test Graph

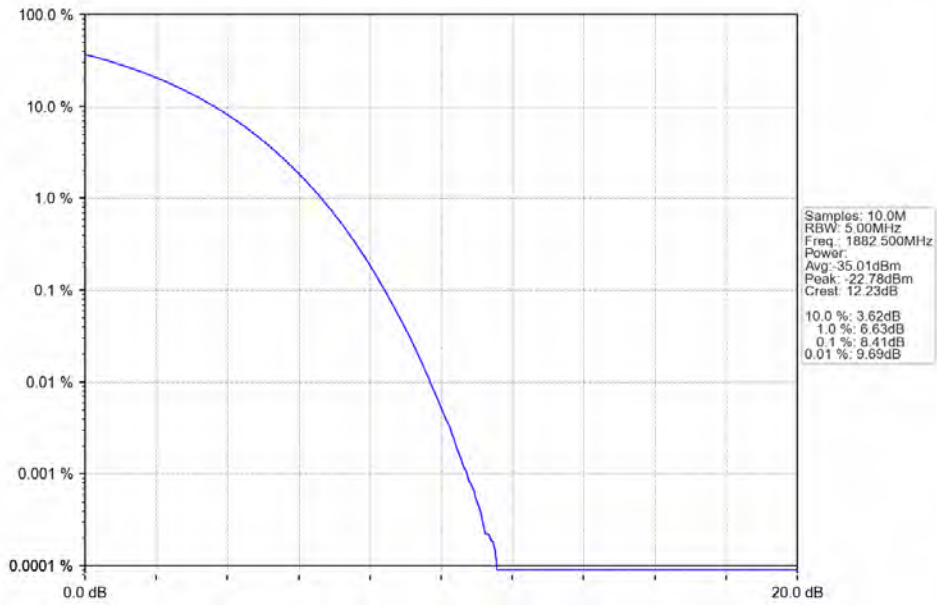




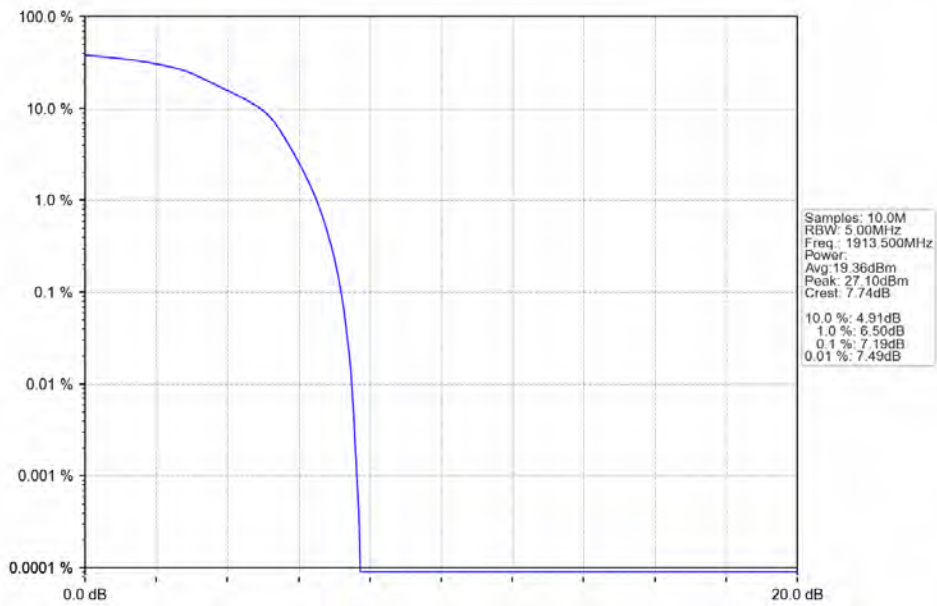
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



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



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



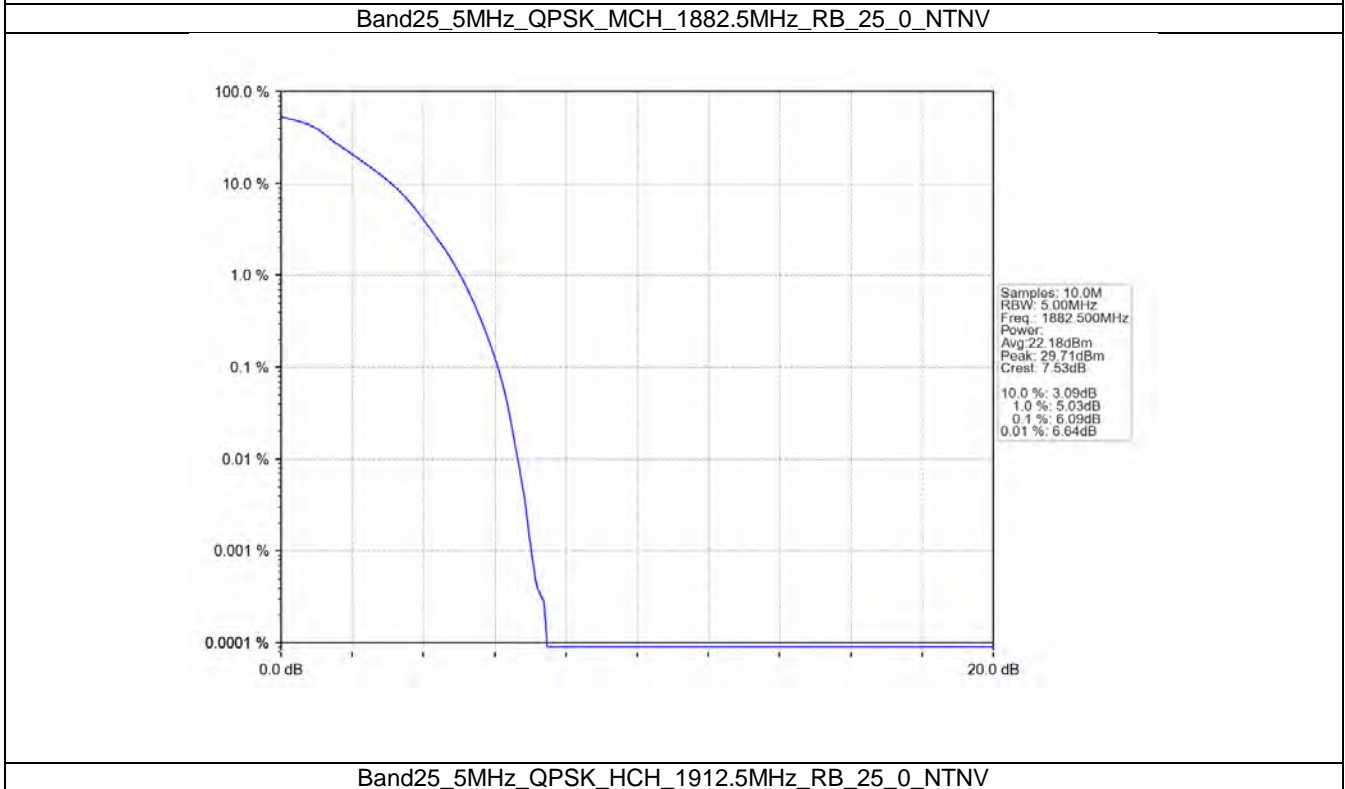
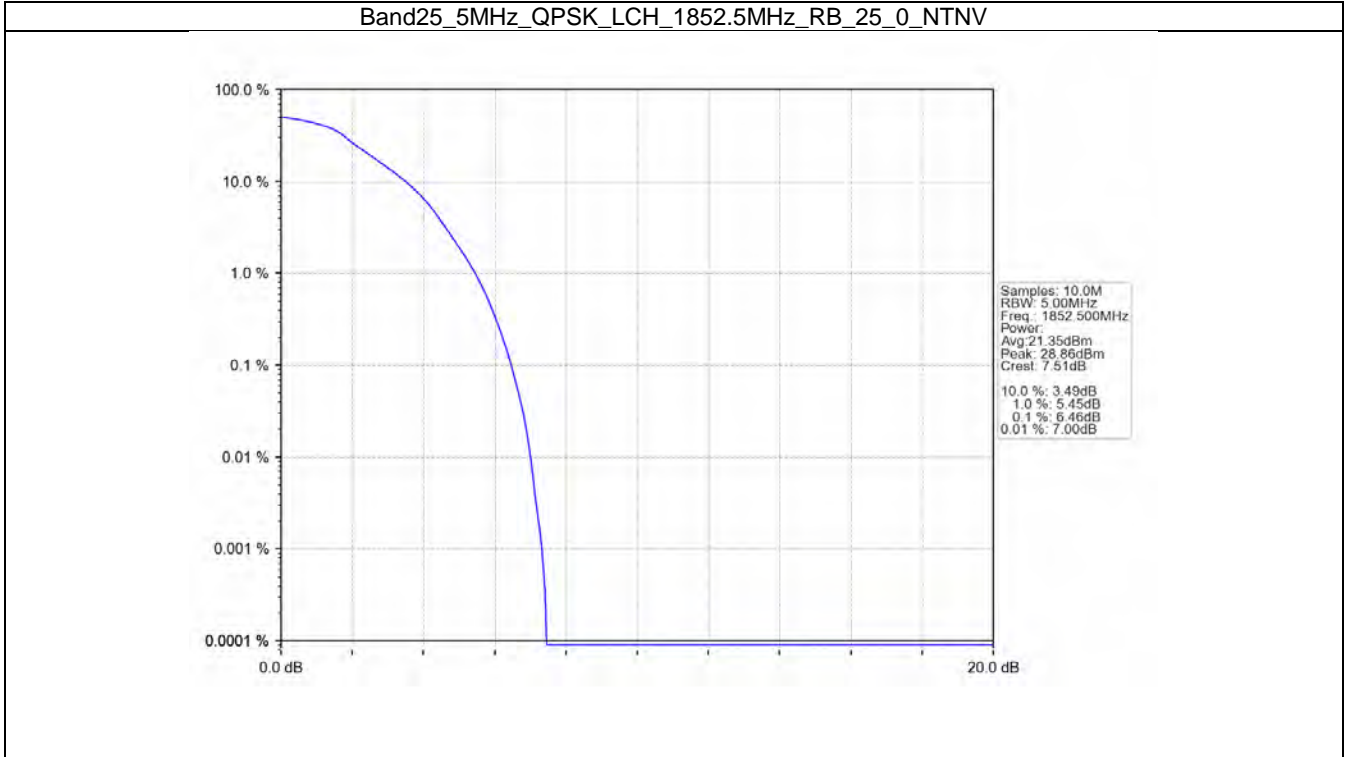
### 5.3 B25\_5MHz

#### 5.3.1 Test Result

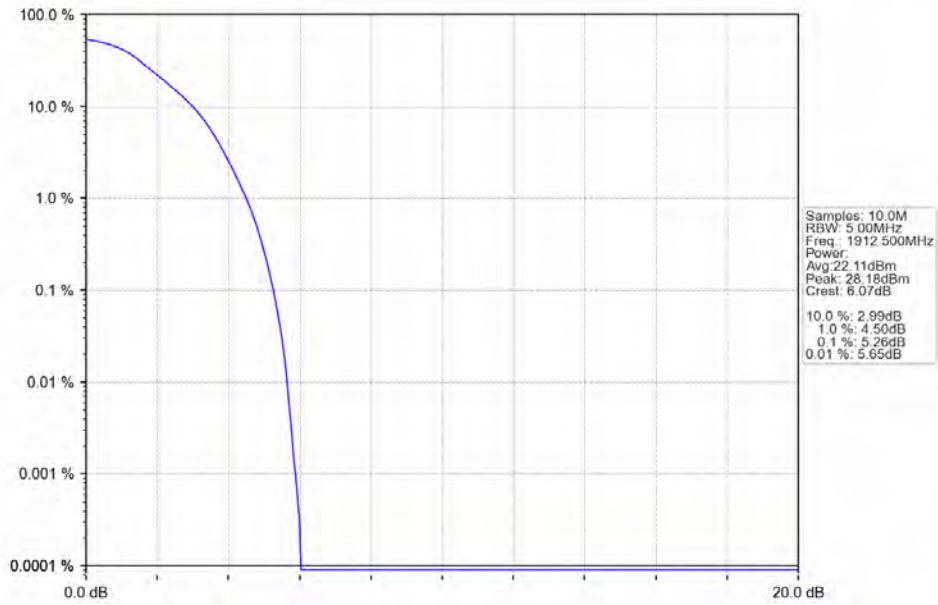
Band: 25 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	6.46	<=13	Pass
	1882.5	25	0	6.09	<=13	Pass
	1912.5	25	0	5.26	<=13	Pass
16QAM	1852.5	25	0	8.82	<=13	Pass
	1882.5	25	0	8.28	<=13	Pass
	1912.5	25	0	8.40	<=13	Pass



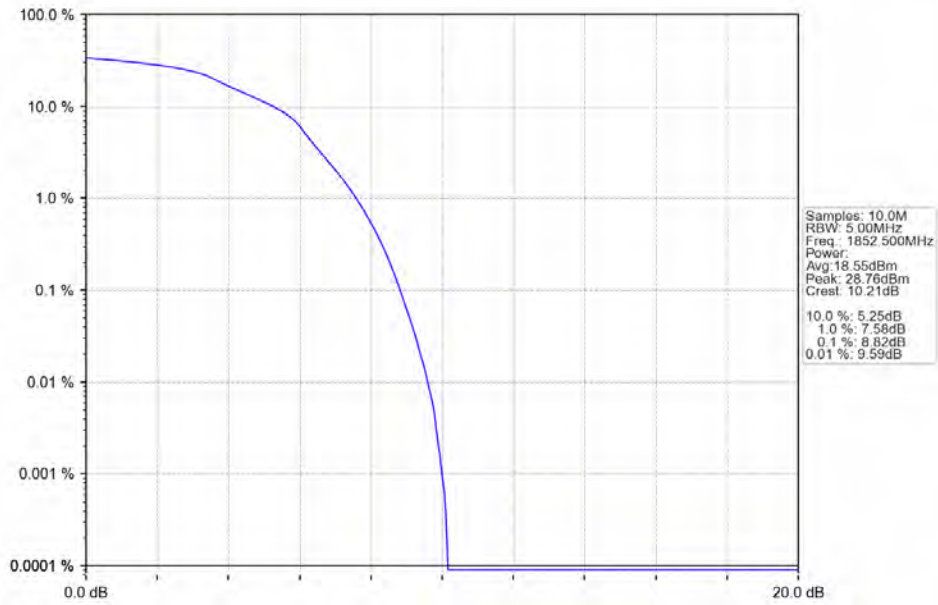
### 5.3.2 Test Graph



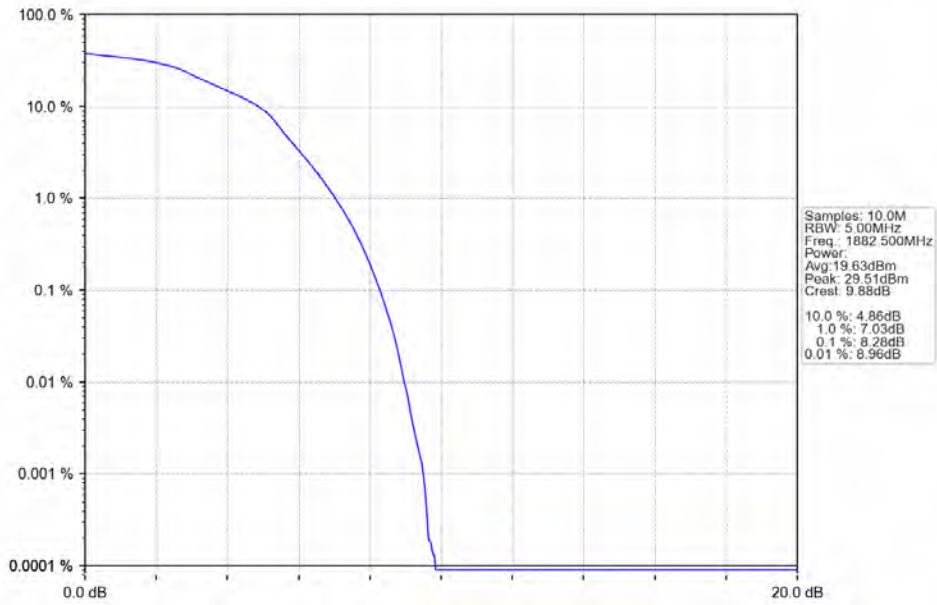
Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



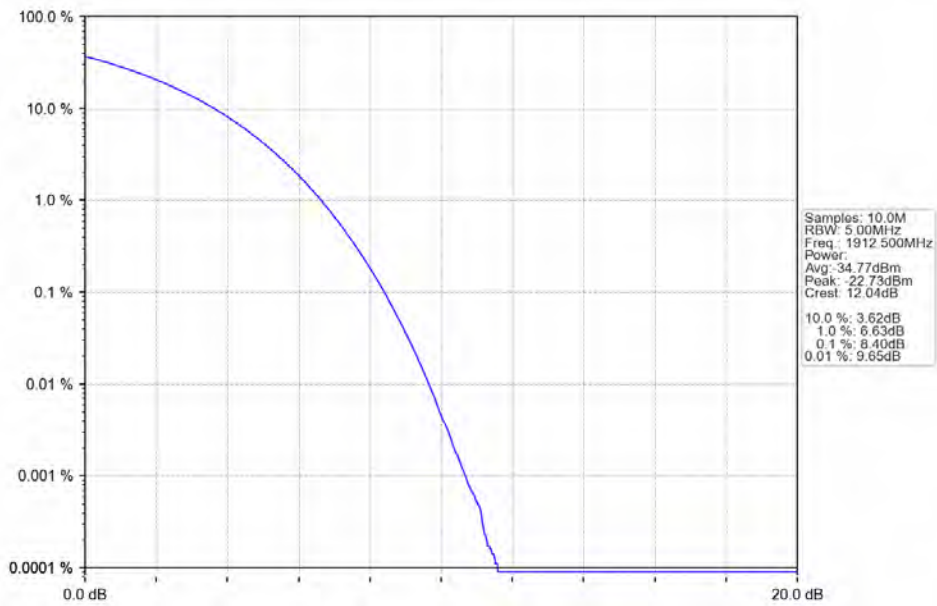
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



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



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

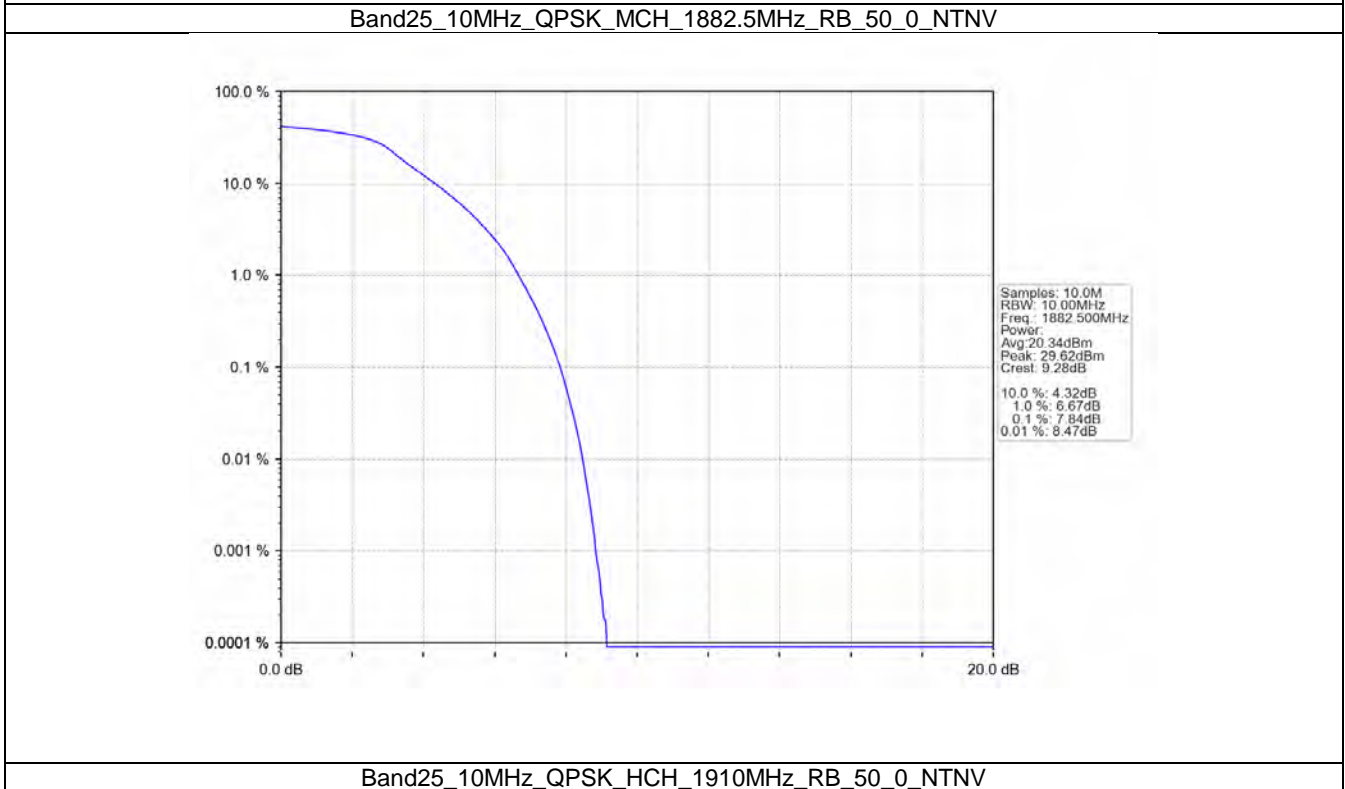
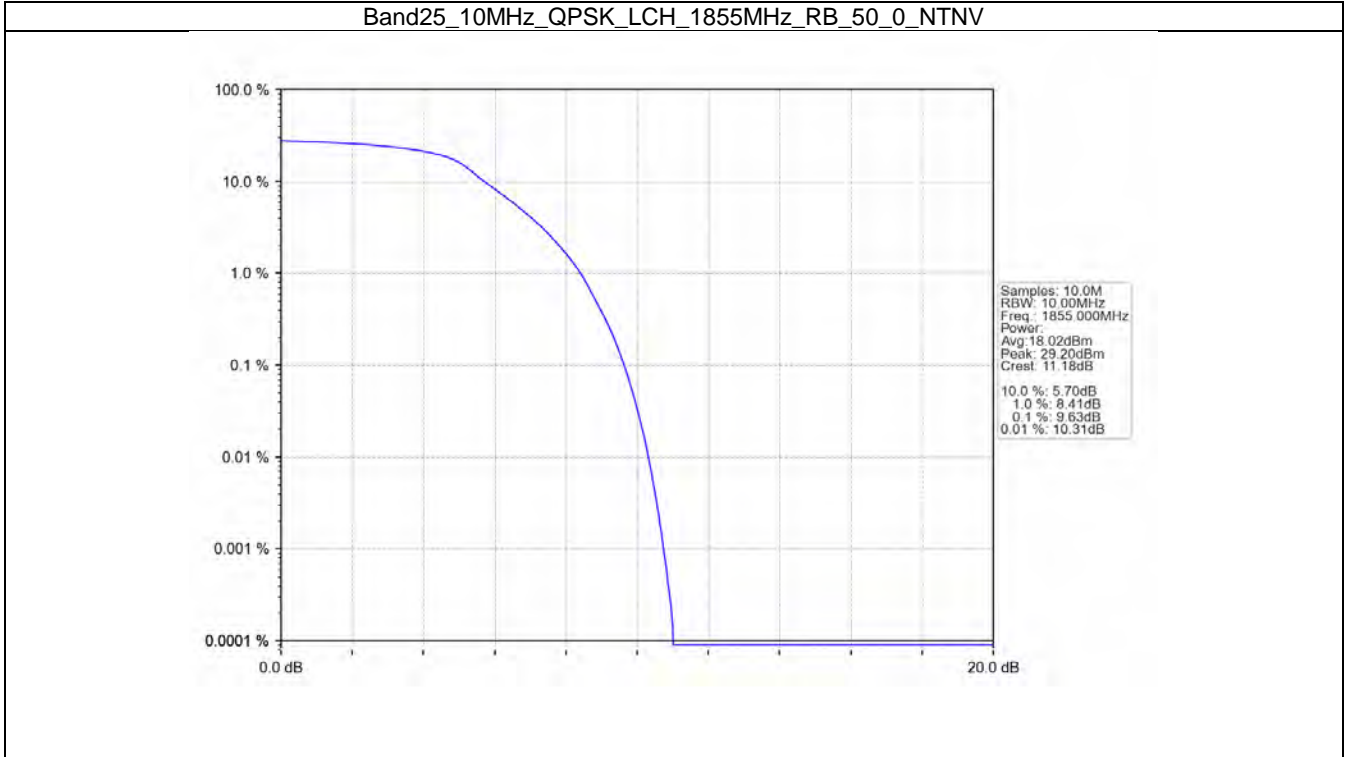


## 5.4 B25\_10MHz

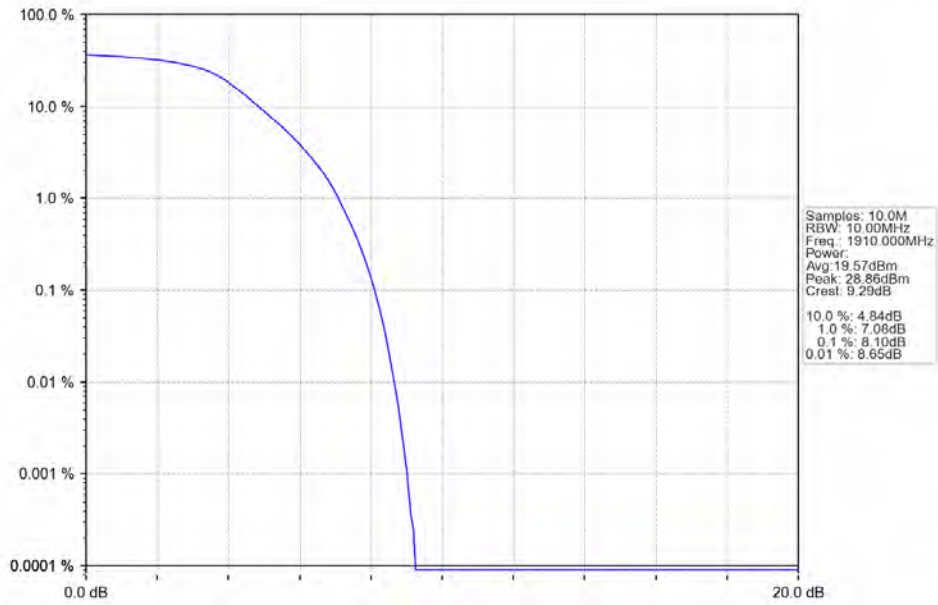
### 5.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	9.63	<=13	Pass
	1882.5	50	0	7.84	<=13	Pass
	1910	50	0	8.10	<=13	Pass
16QAM	1855	50	0	10.08	<=13	Pass
	1882.5	50	0	8.71	<=13	Pass
	1910	50	0	9.87	<=13	Pass

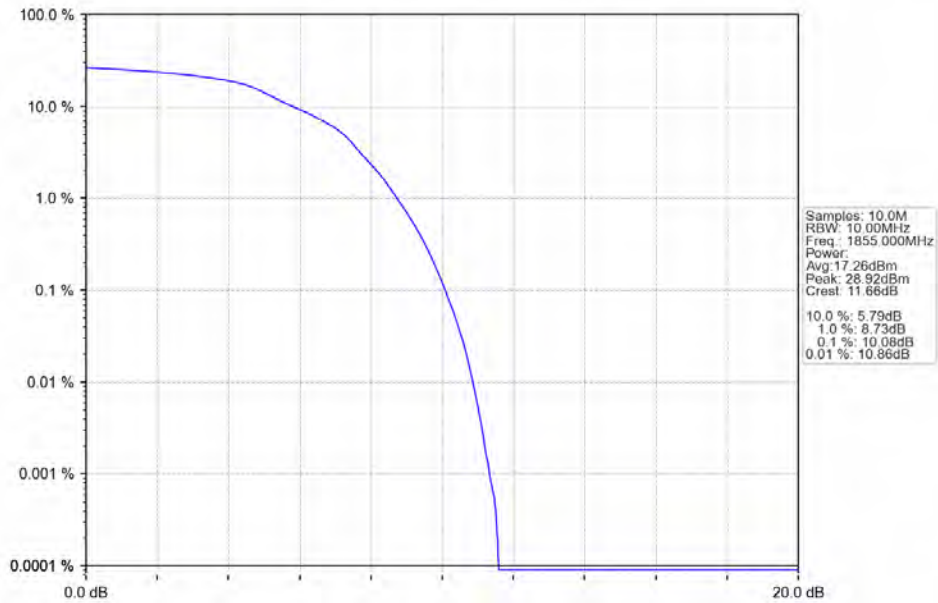
### 5.4.2 Test Graph



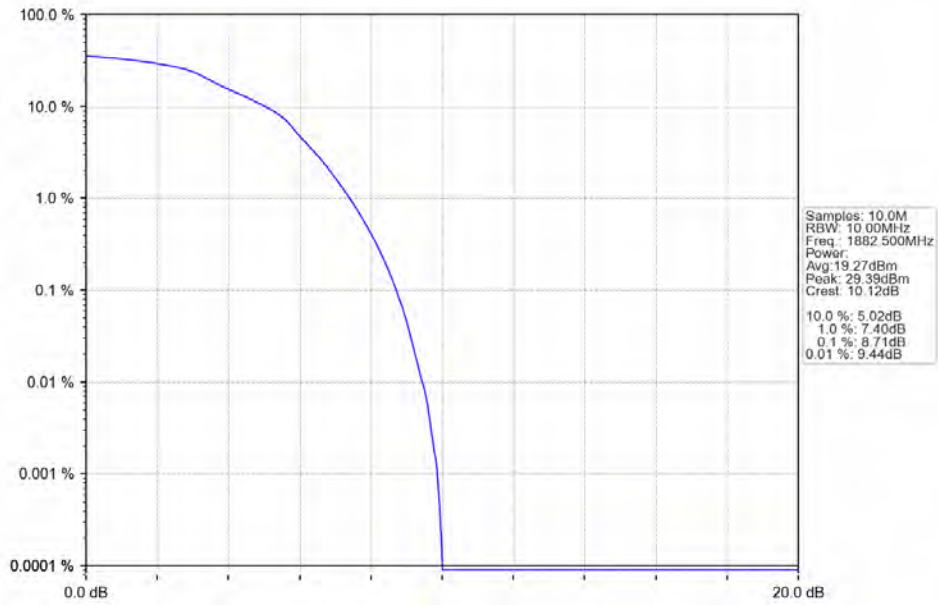
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTNV



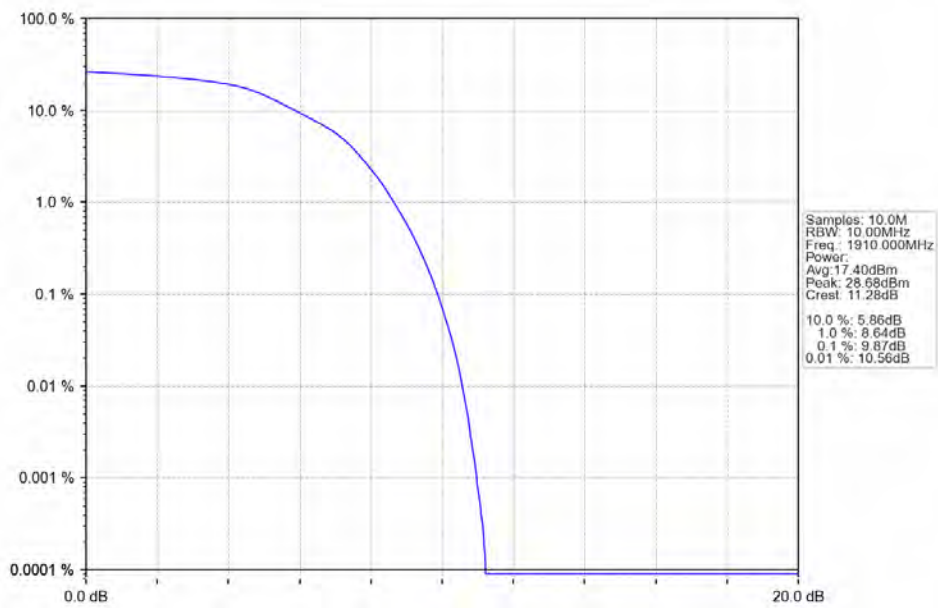
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



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



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



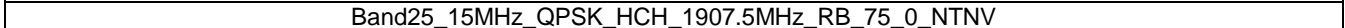
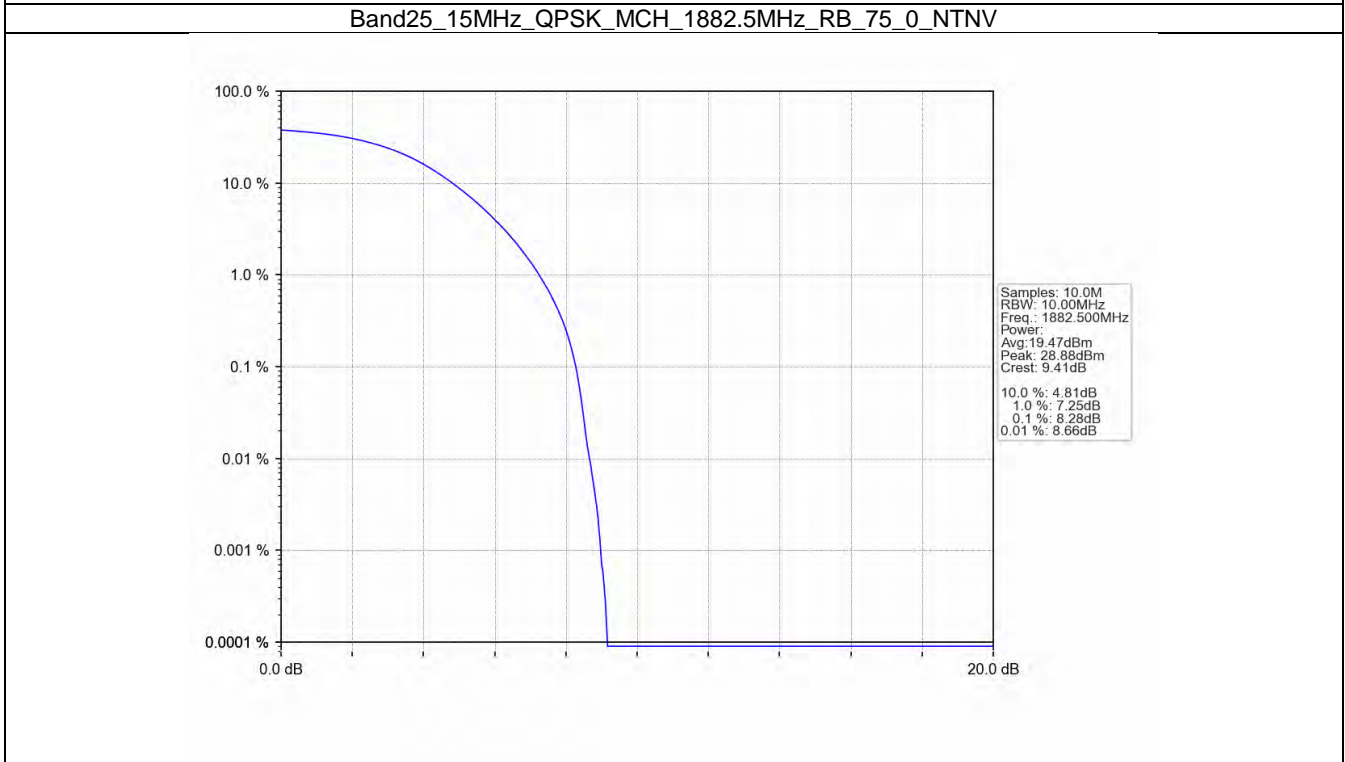
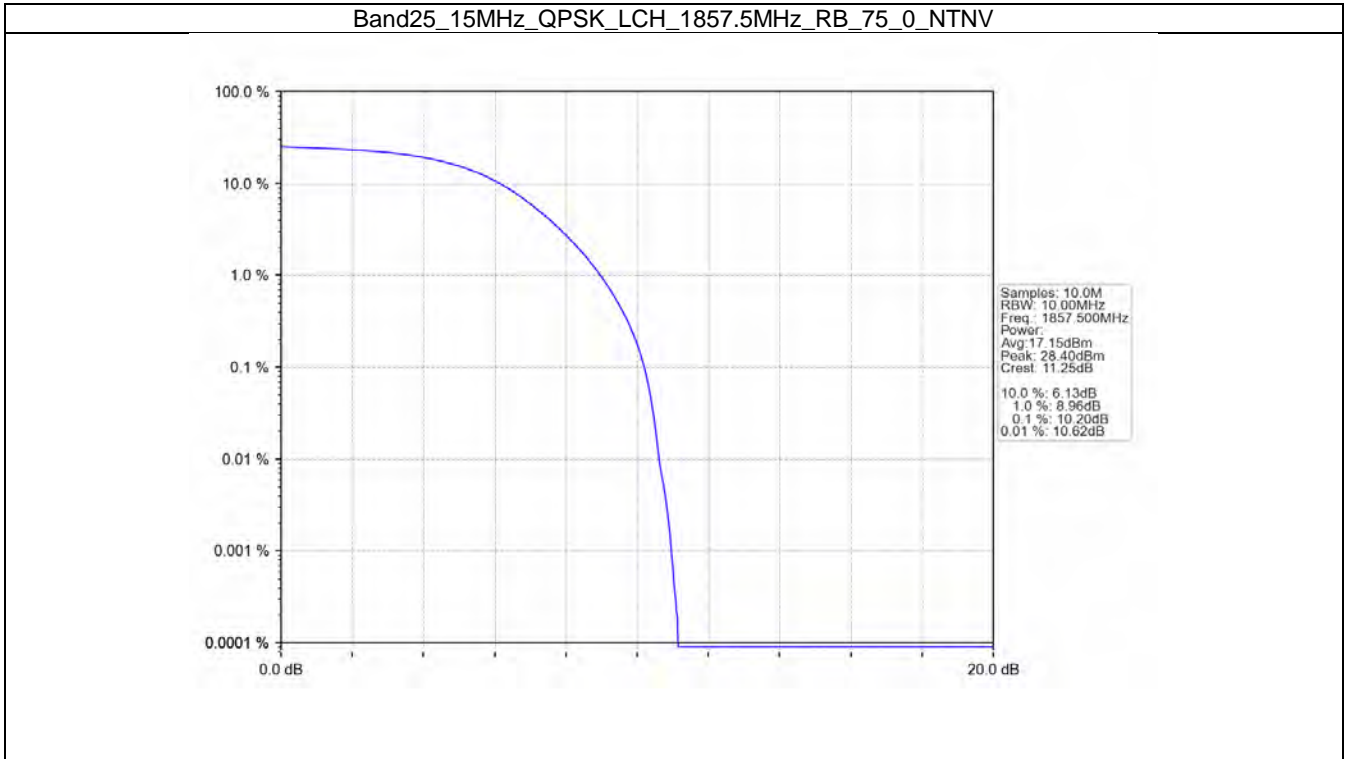
## 5.5 B25\_15MHz

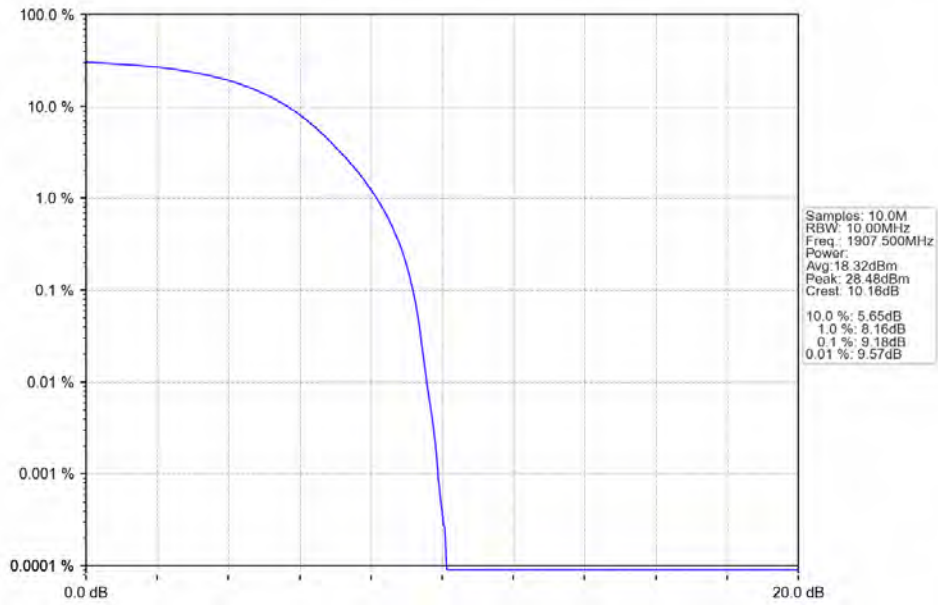
### 5.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	10.20	<=13	Pass
	1882.5	75	0	8.28	<=13	Pass
	1907.5	75	0	9.18	<=13	Pass
16QAM	1857.5	75	0	10.11	<=13	Pass
	1882.5	75	0	11.70	<=13	Pass
	1907.5	75	0	10.47	<=13	Pass

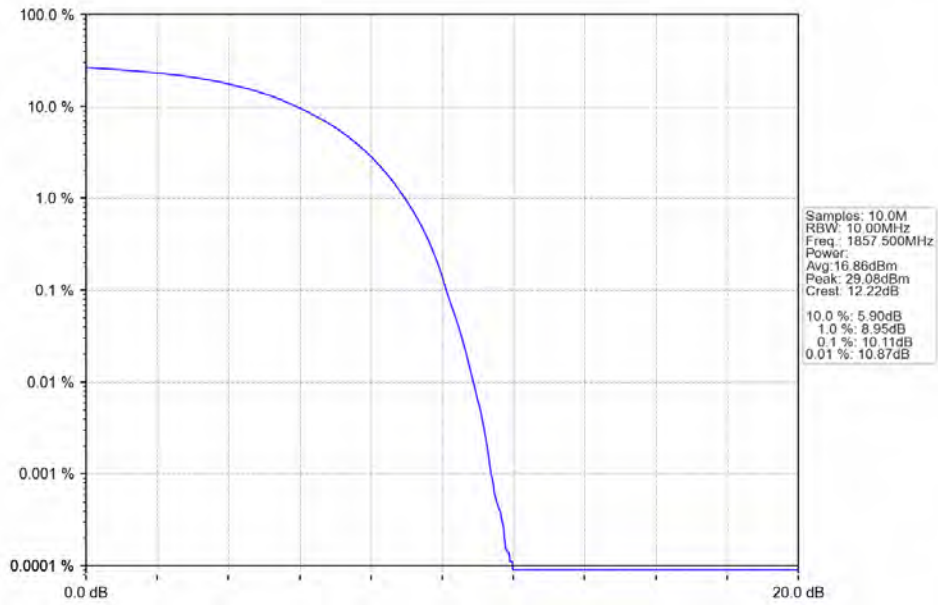


### 5.5.2 Test Graph

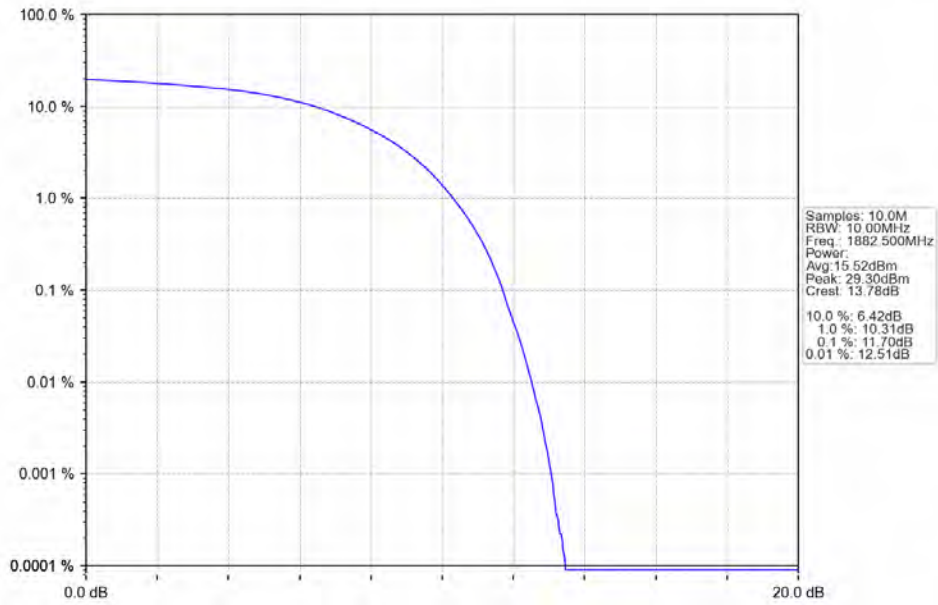




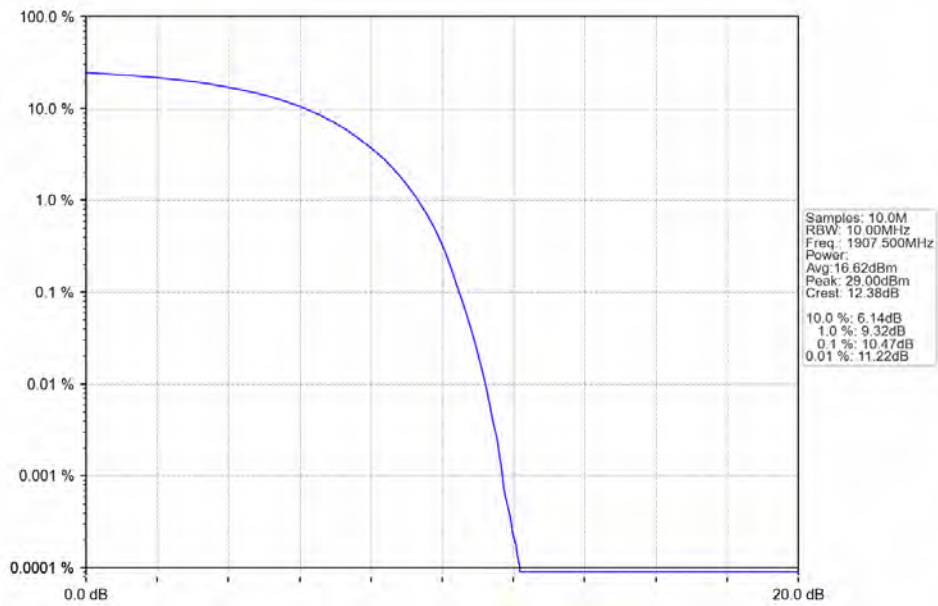
Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



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



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

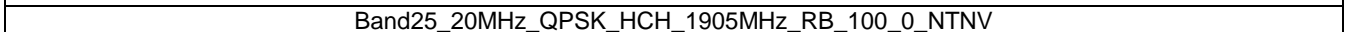
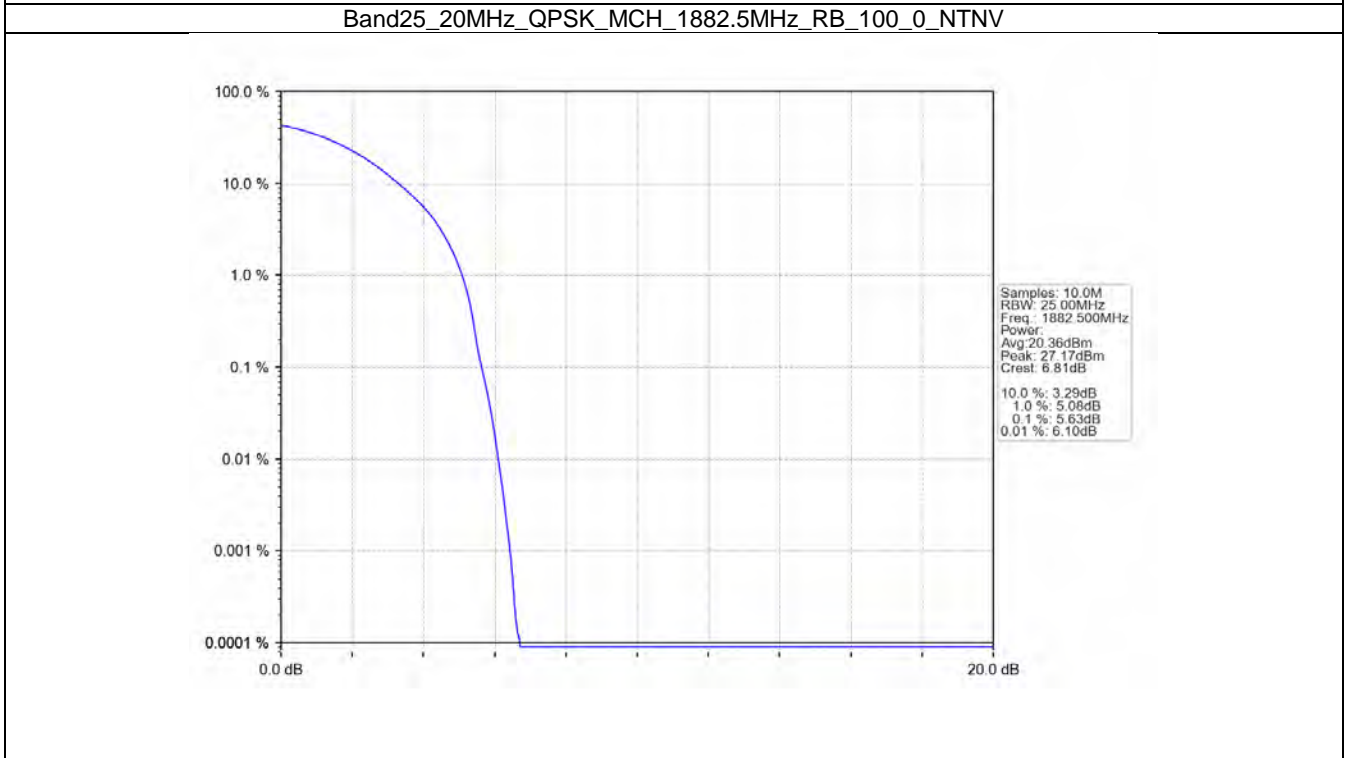
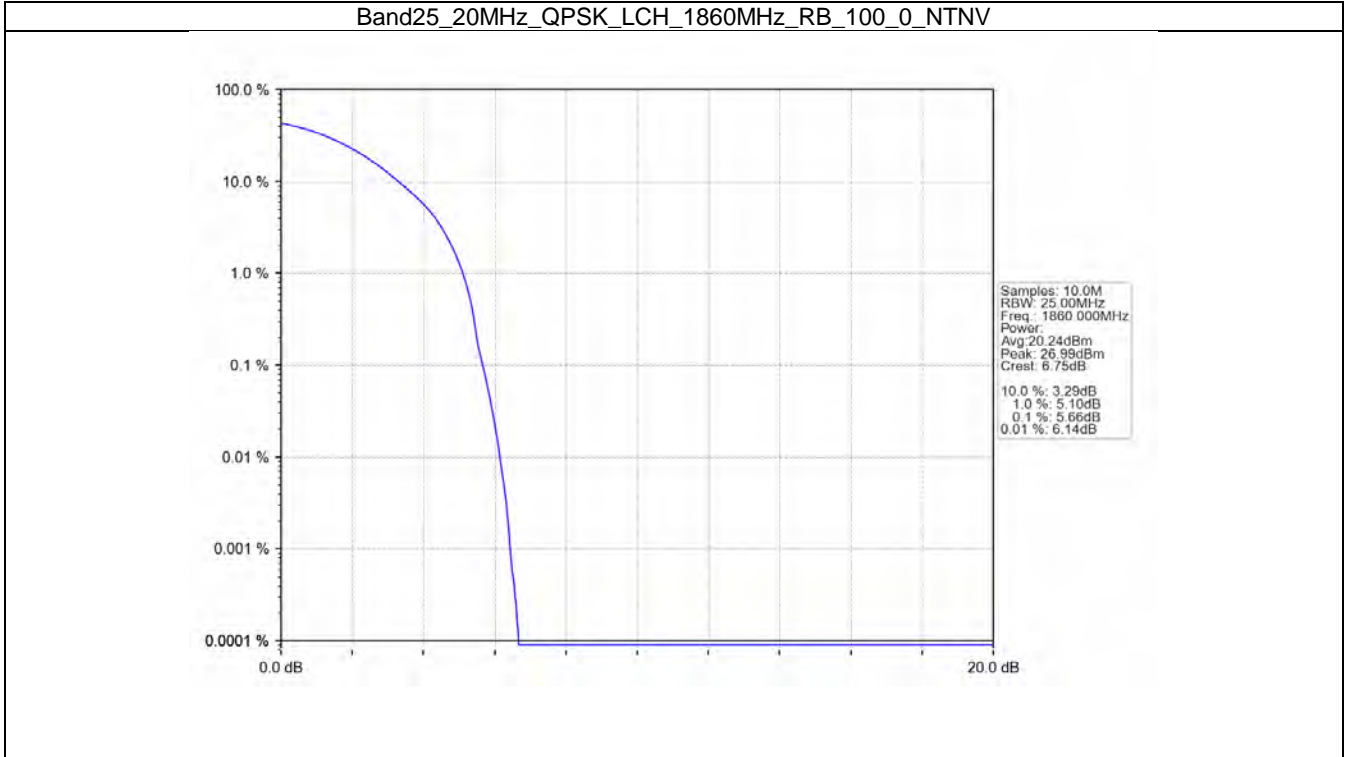


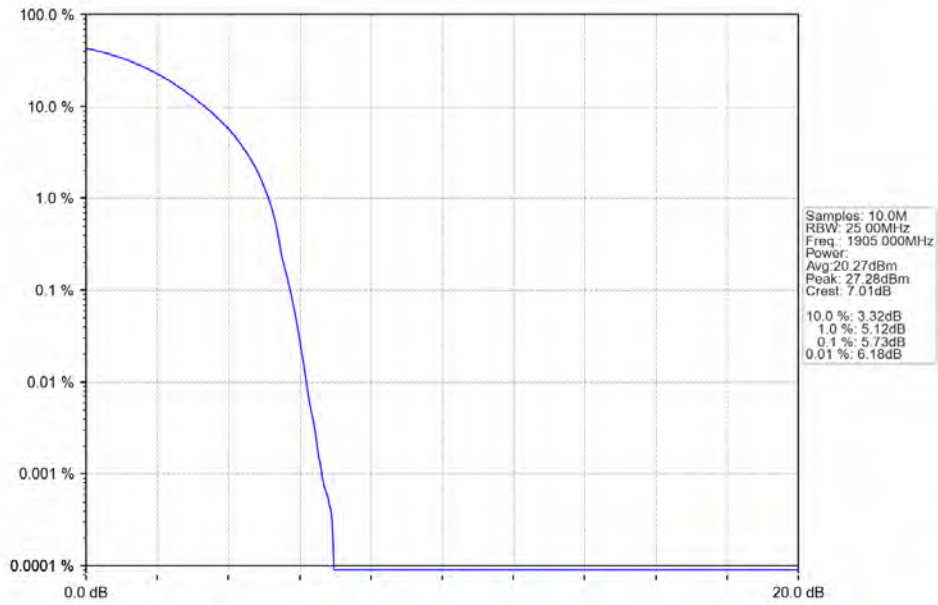
## 5.6 B25\_20MHz

### 5.6.1 Test Result

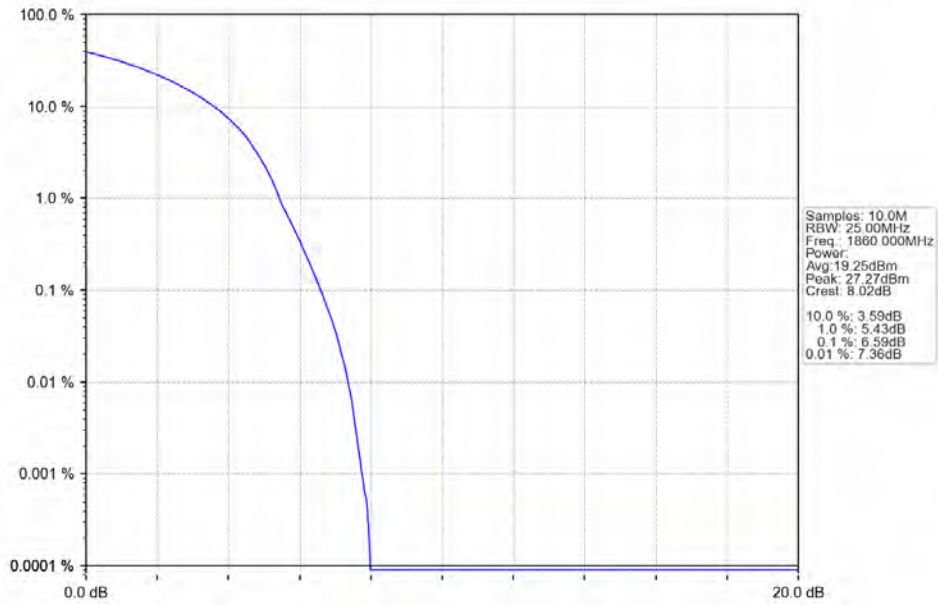
Band: 25 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.66	<=13	Pass
	1882.5	100	0	5.63	<=13	Pass
	1905	100	0	5.73	<=13	Pass
16QAM	1860	100	0	6.59	<=13	Pass
	1882.5	100	0	6.64	<=13	Pass
	1905	100	0	6.66	<=13	Pass

### 5.6.2 Test Graph

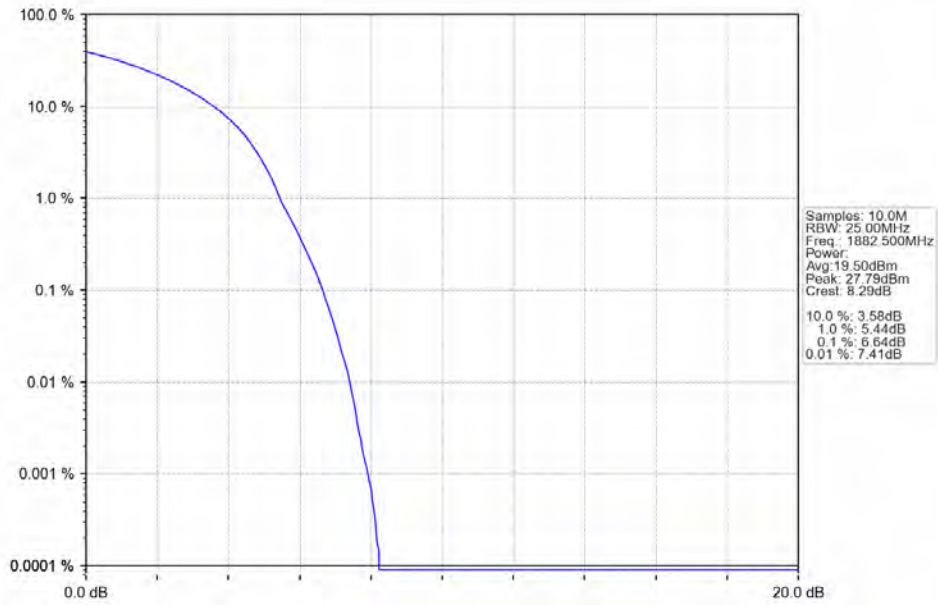




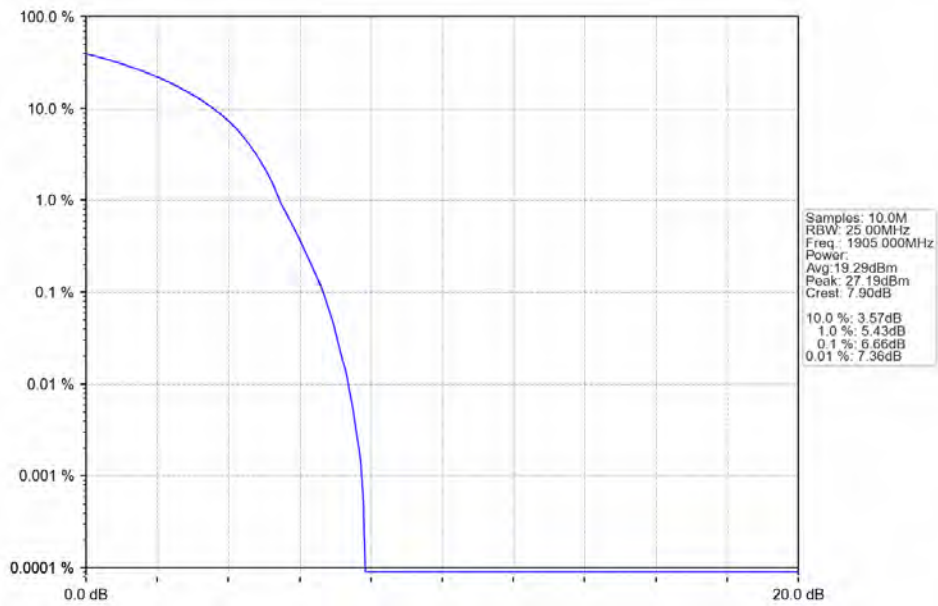
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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



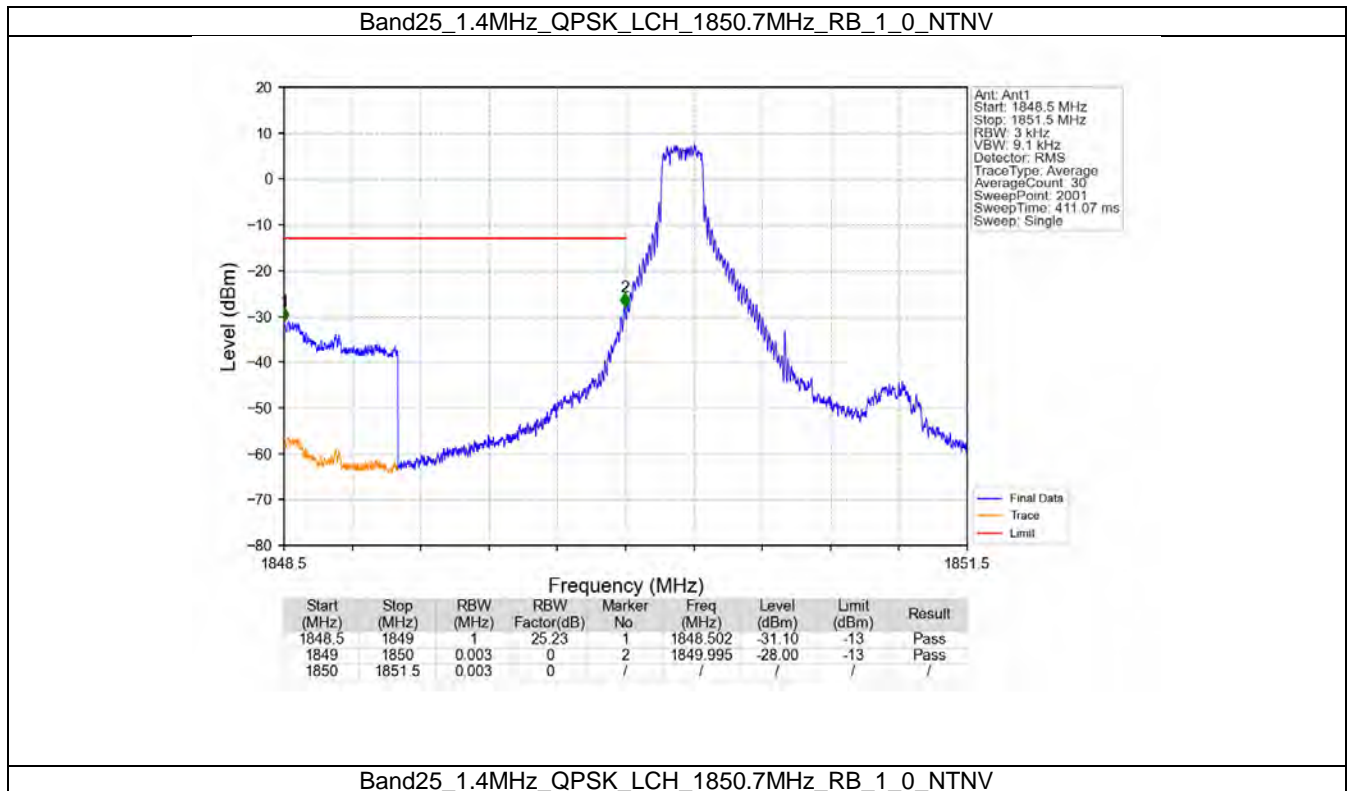
## 6. Spurious Emission

### 6.1 B25\_1.4MHz

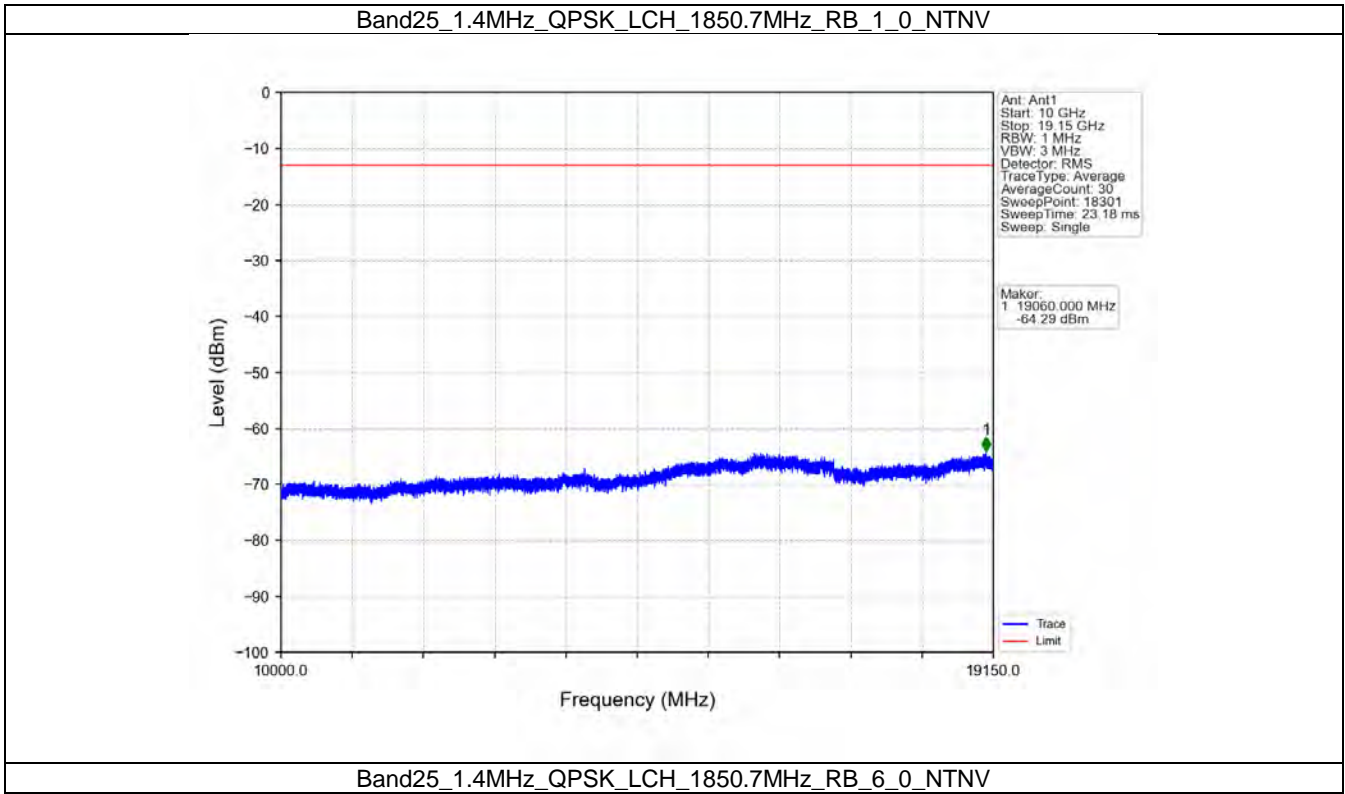
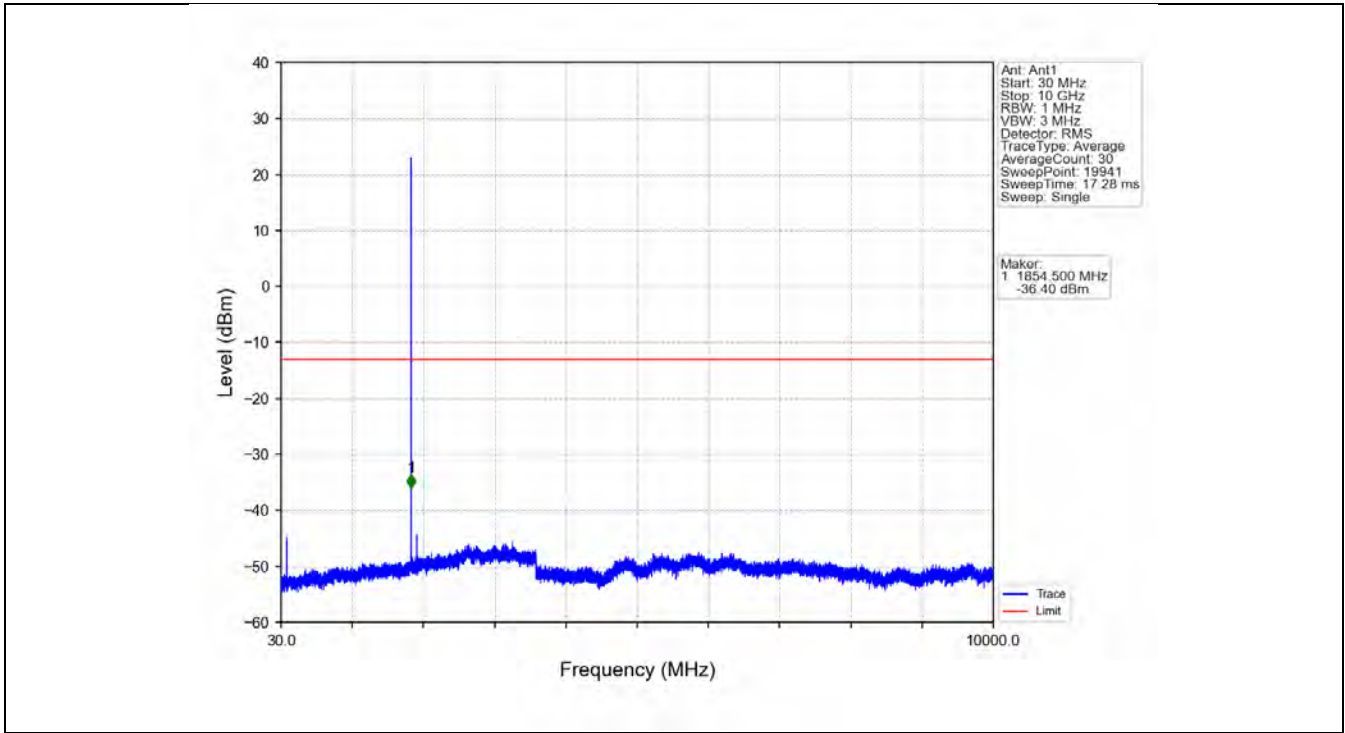
#### 6.1.1 Test Result

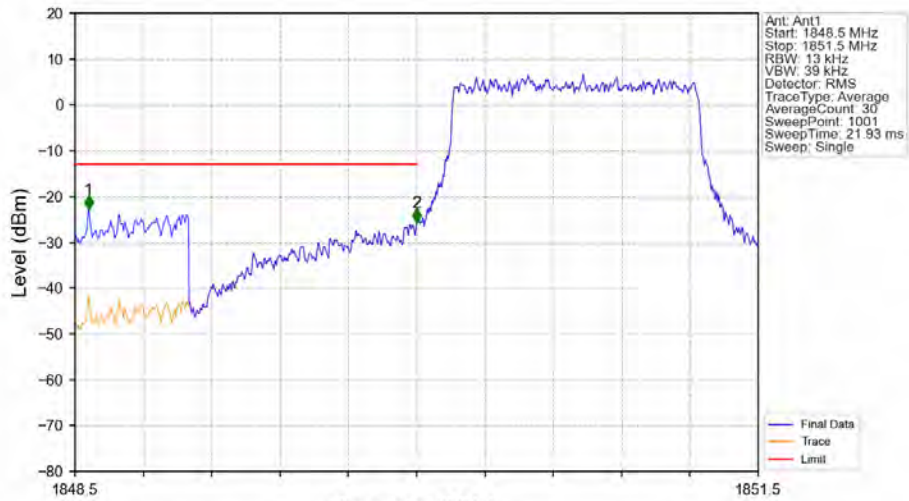
Band: 25 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1914.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test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

#### 6.1.2 Test Graph



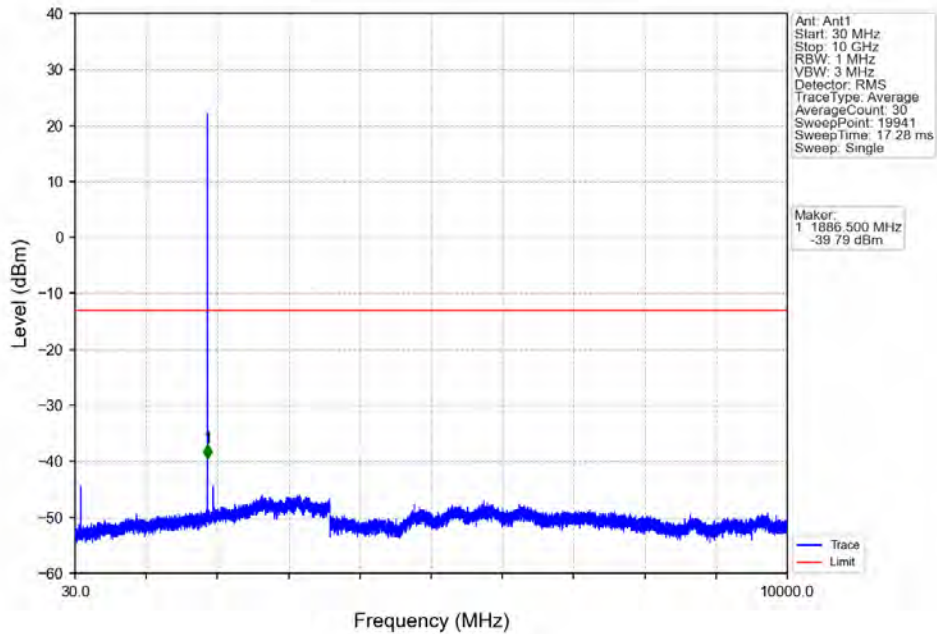




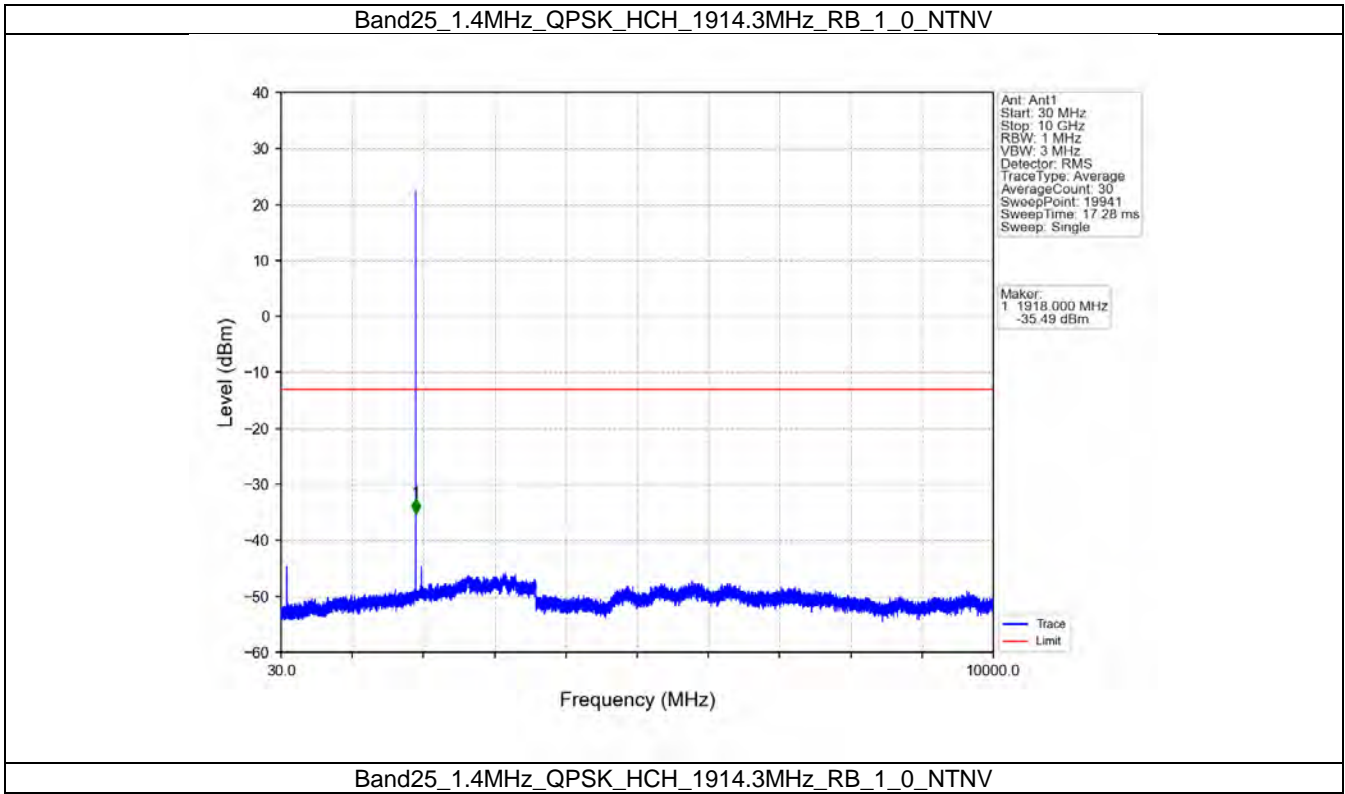
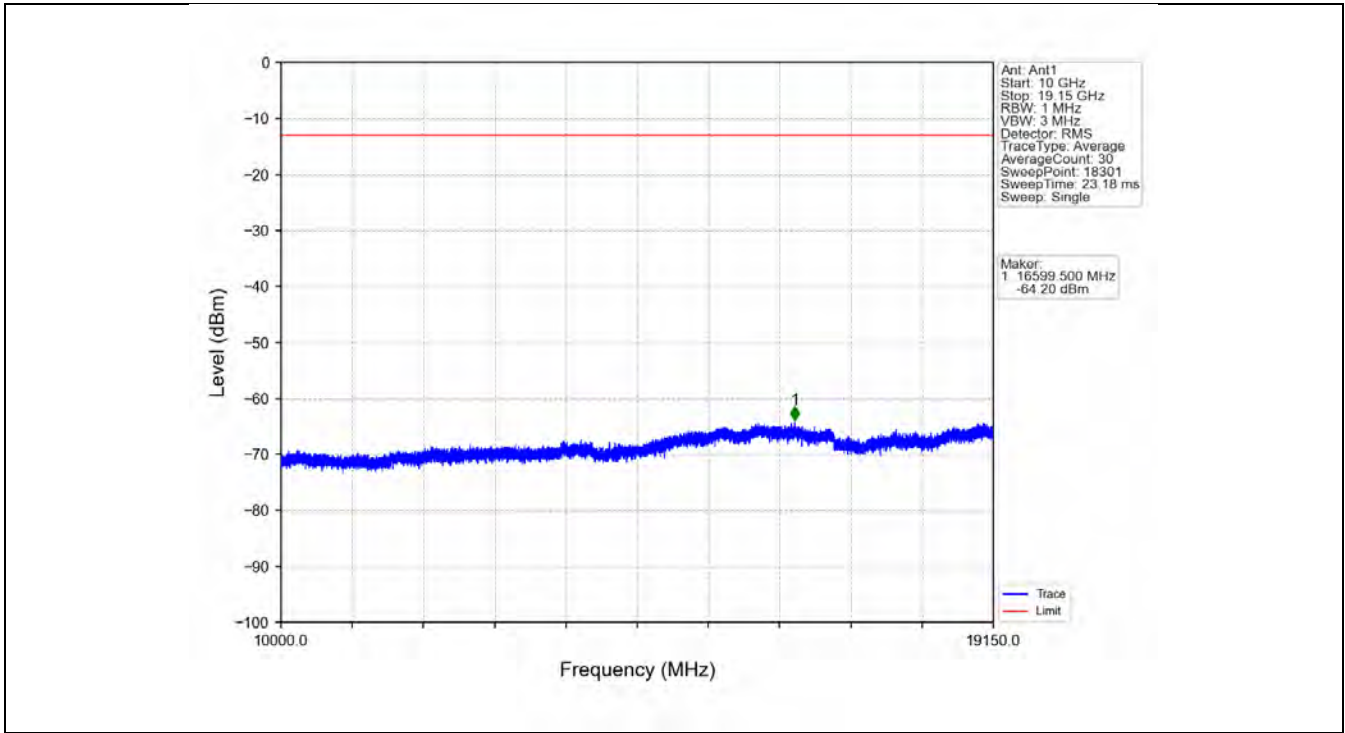


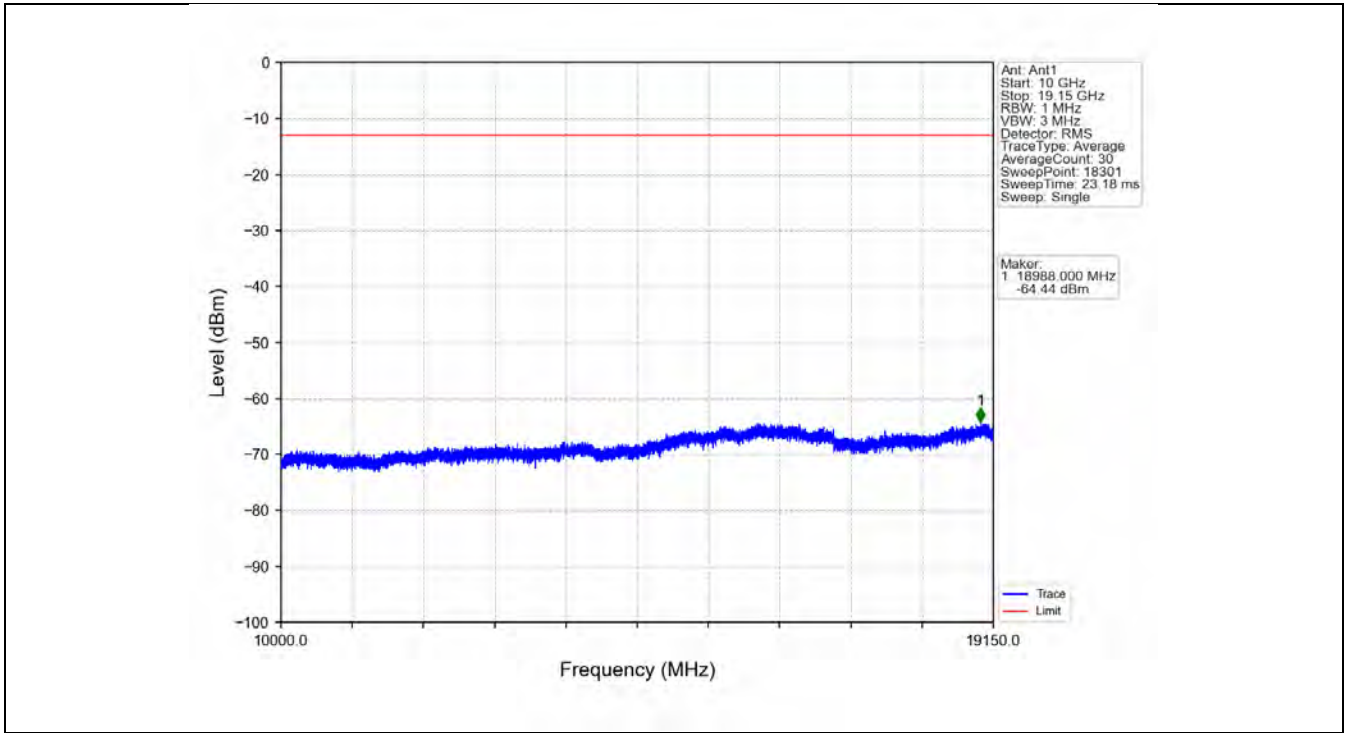
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	18.86	1	1848.560	-22.84	-13	Pass
1849	1850	0.013	0	2	1850.000	-25.66	-13	Pass
1850	1851.5	0.013	0	/	/	/	/	/

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

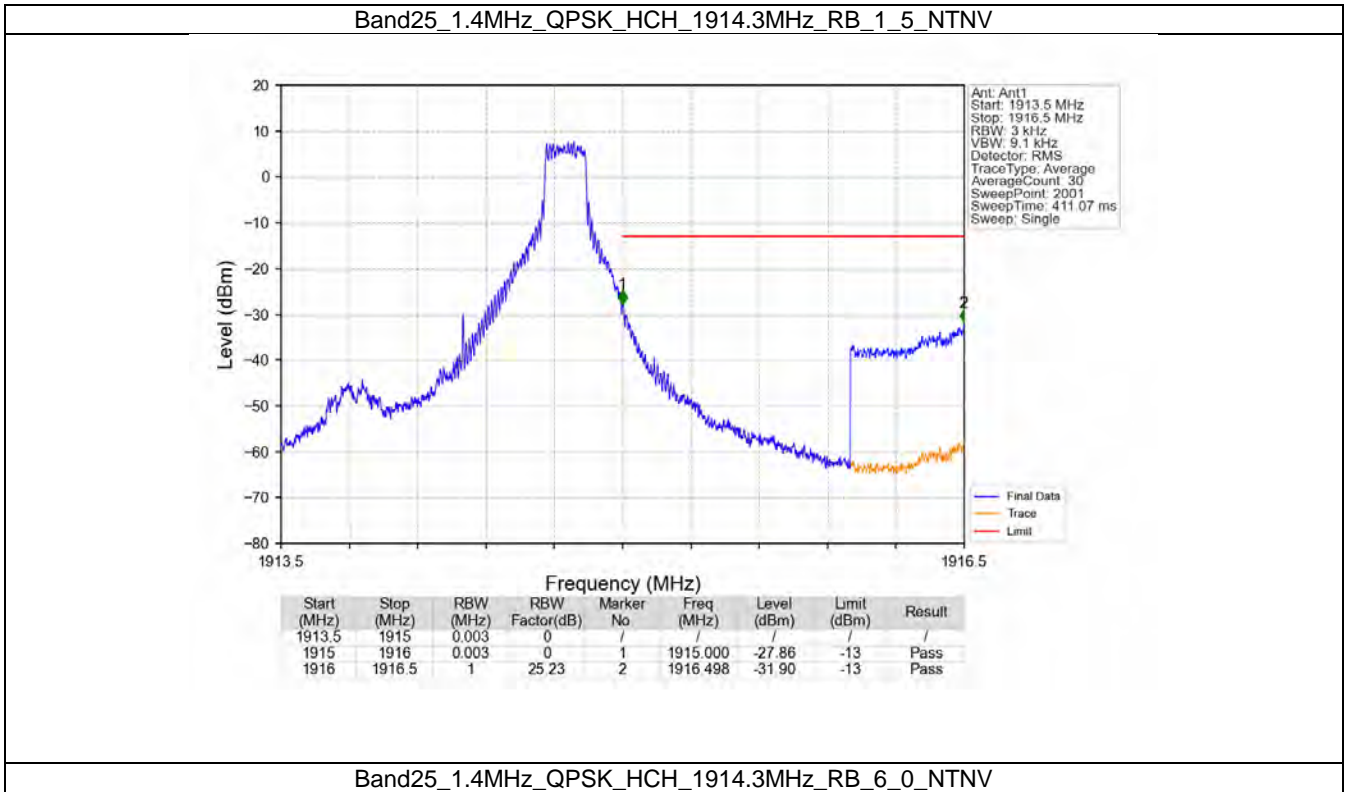


Band25\_1.4MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV

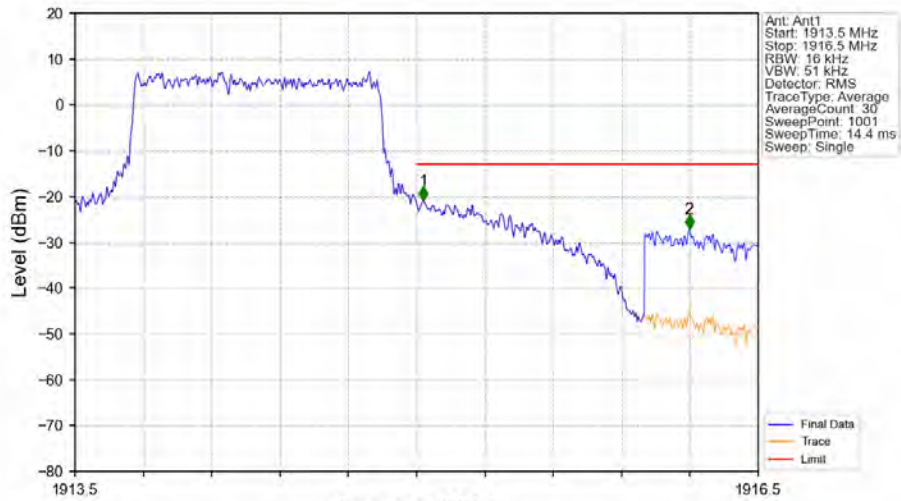




Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_1\_5\_NTNV

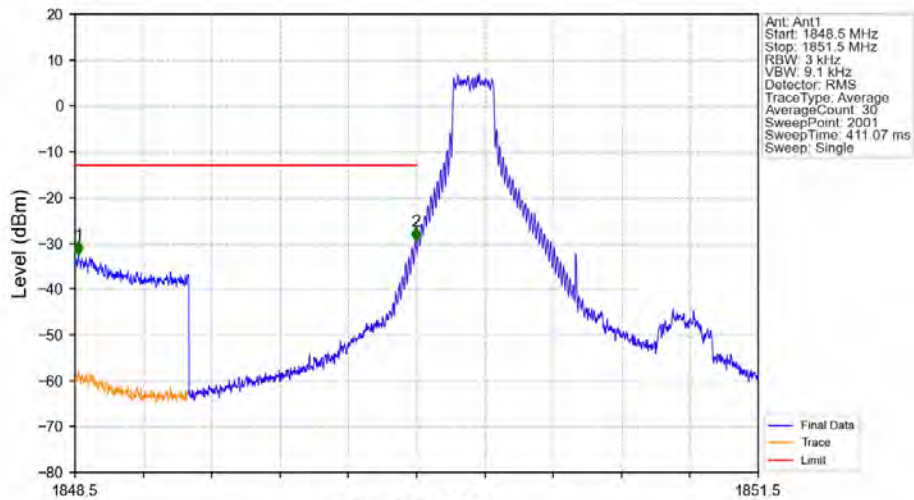


Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



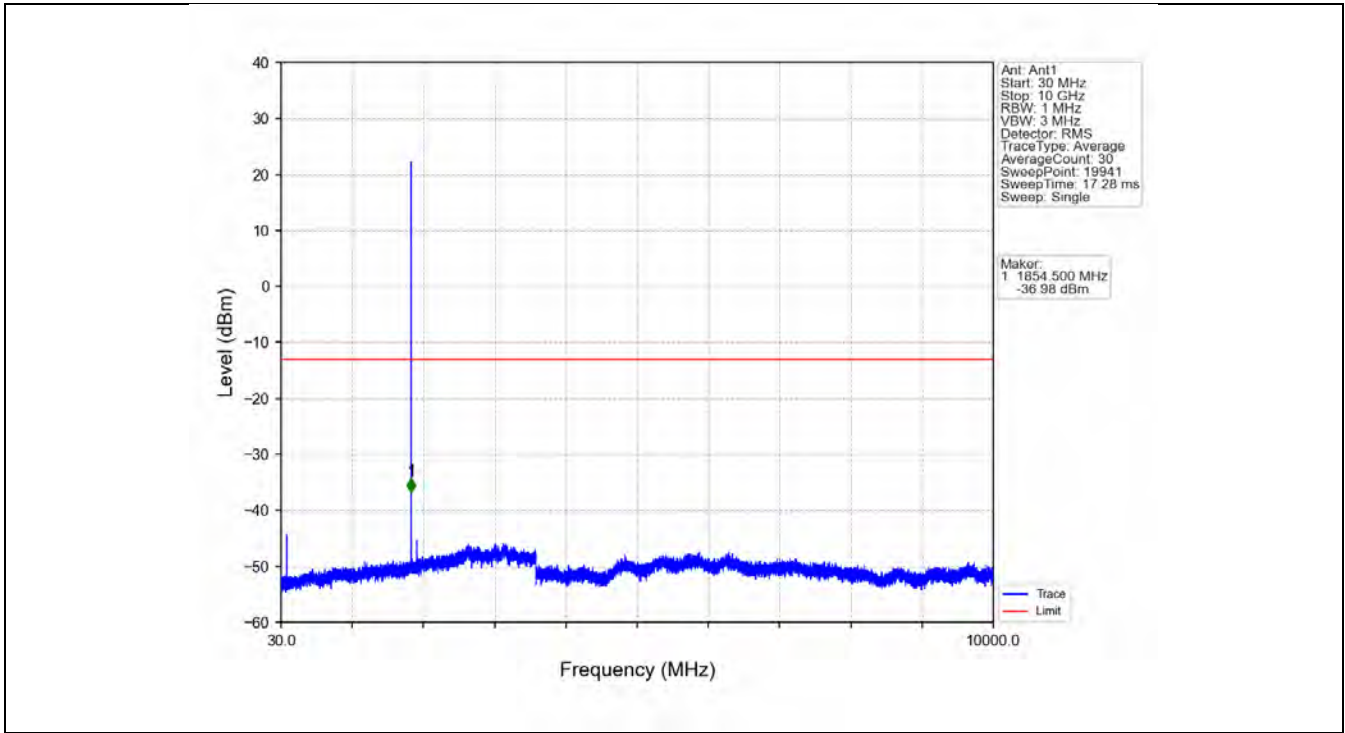
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1913.5	1915	0.016	0	/	/	/	/	/
1915	1916	0.016	0	1	1915.030	-20.88	-13	Pass
1916	1916.5	1	17.96	2	1916.197	-27.09	-13	Pass

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

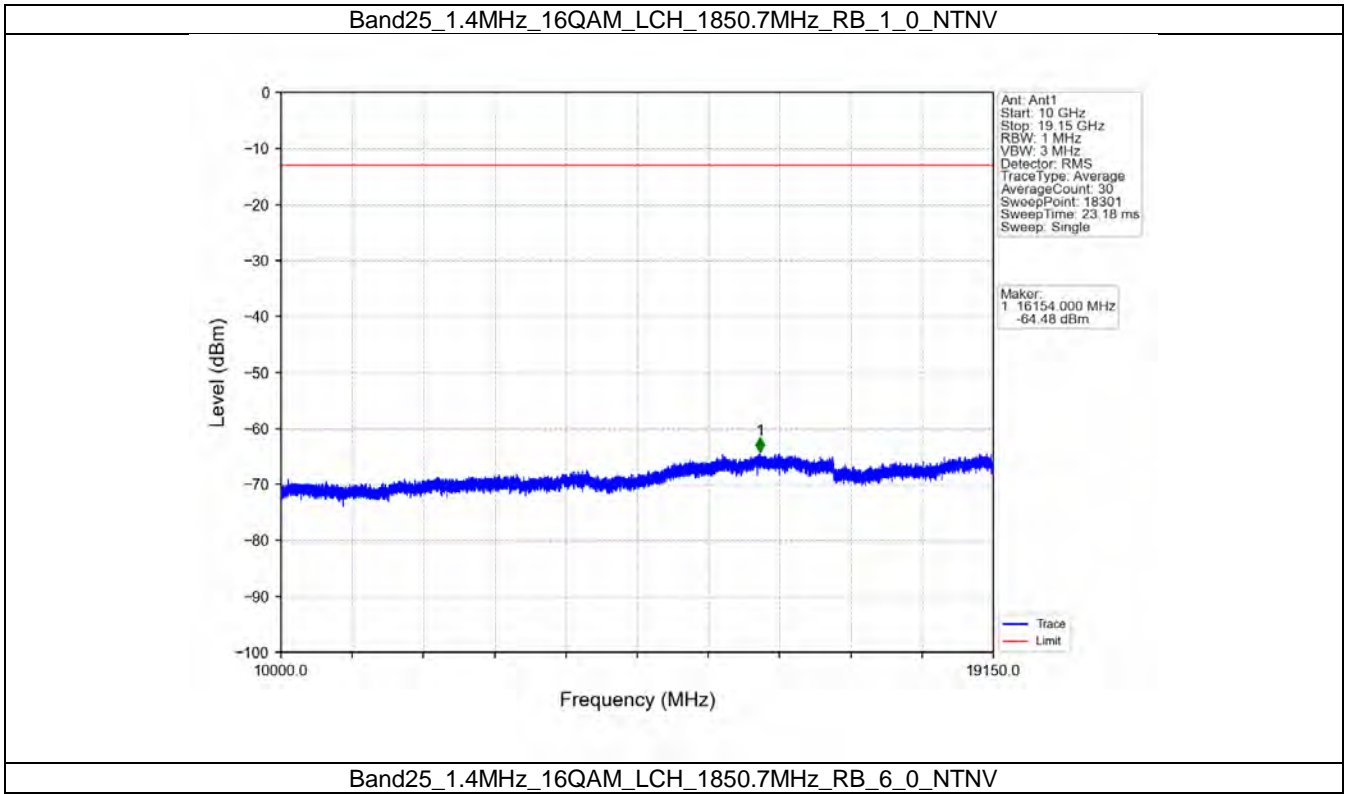


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	25.23	1	1848.515	-32.58	-13	Pass
1849	1850	0.003	0	2	1849.995	-29.59	-13	Pass
1850	1851.5	0.003	0	/	/	/	/	/

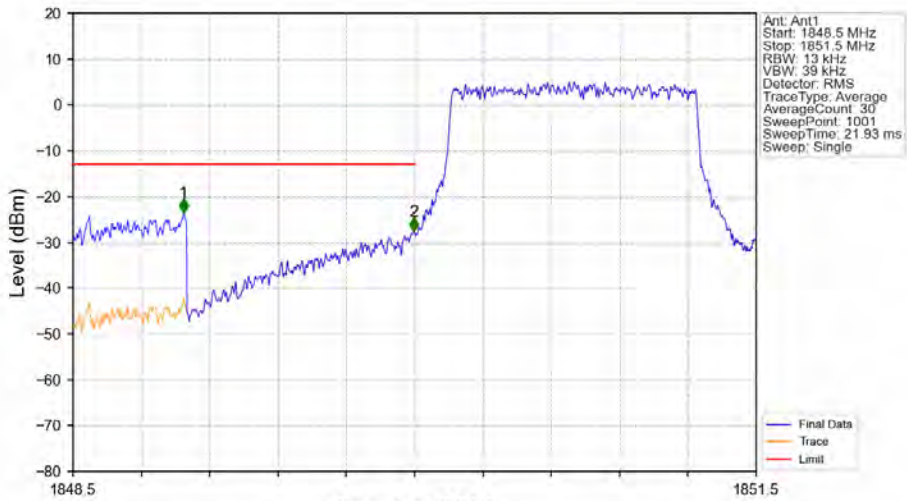
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



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

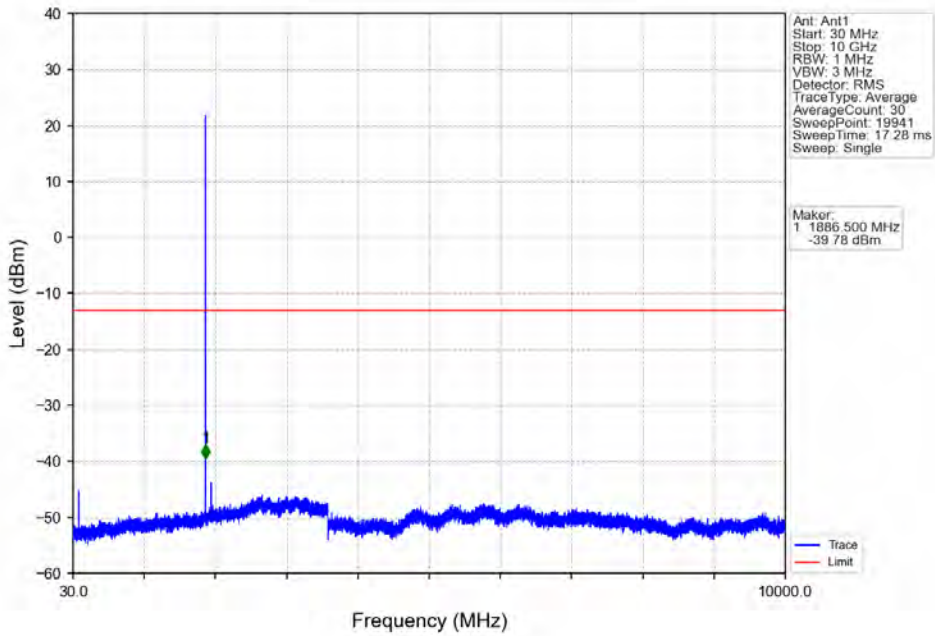


Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

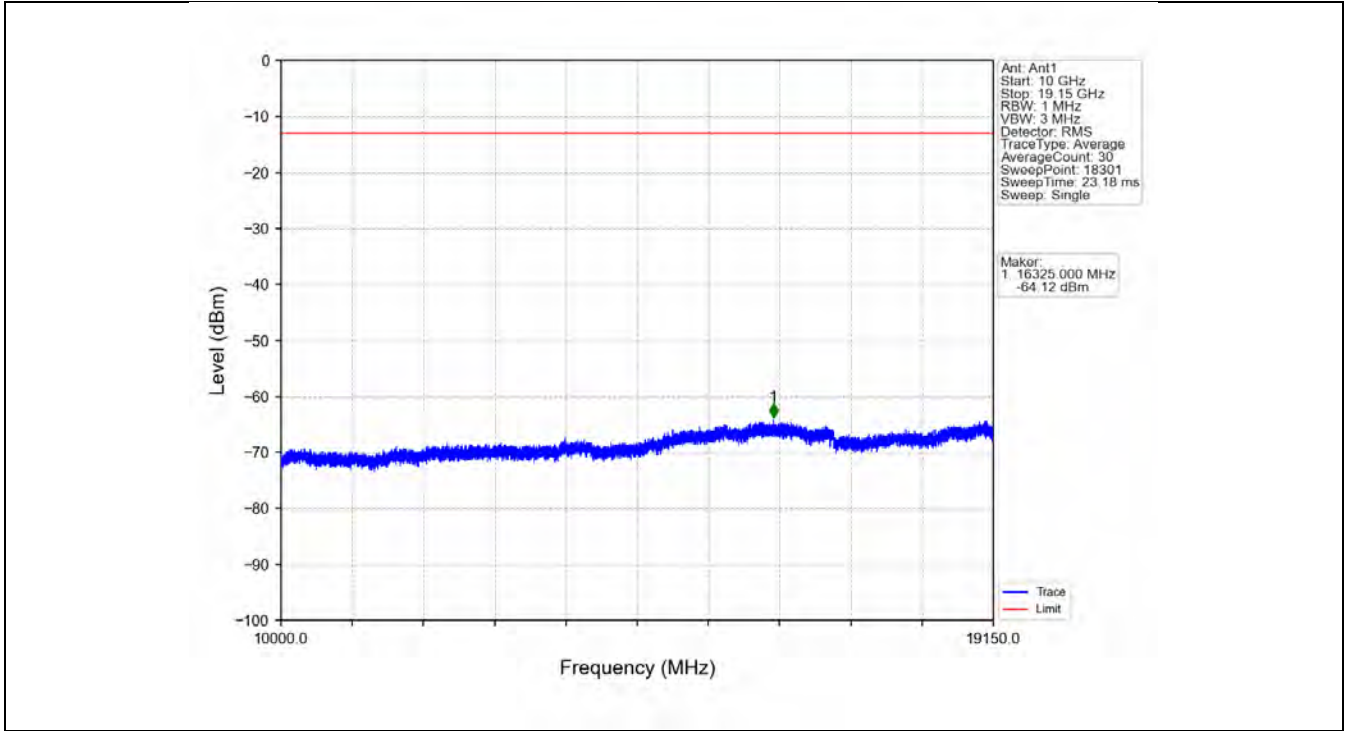


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	18.86	1	1848.986	-23.57	-13	Pass
1849	1850	0.013	0	2	1849.997	-27.60	-13	Pass
1850	1851.5	0.013	0	/	/	/	/	/

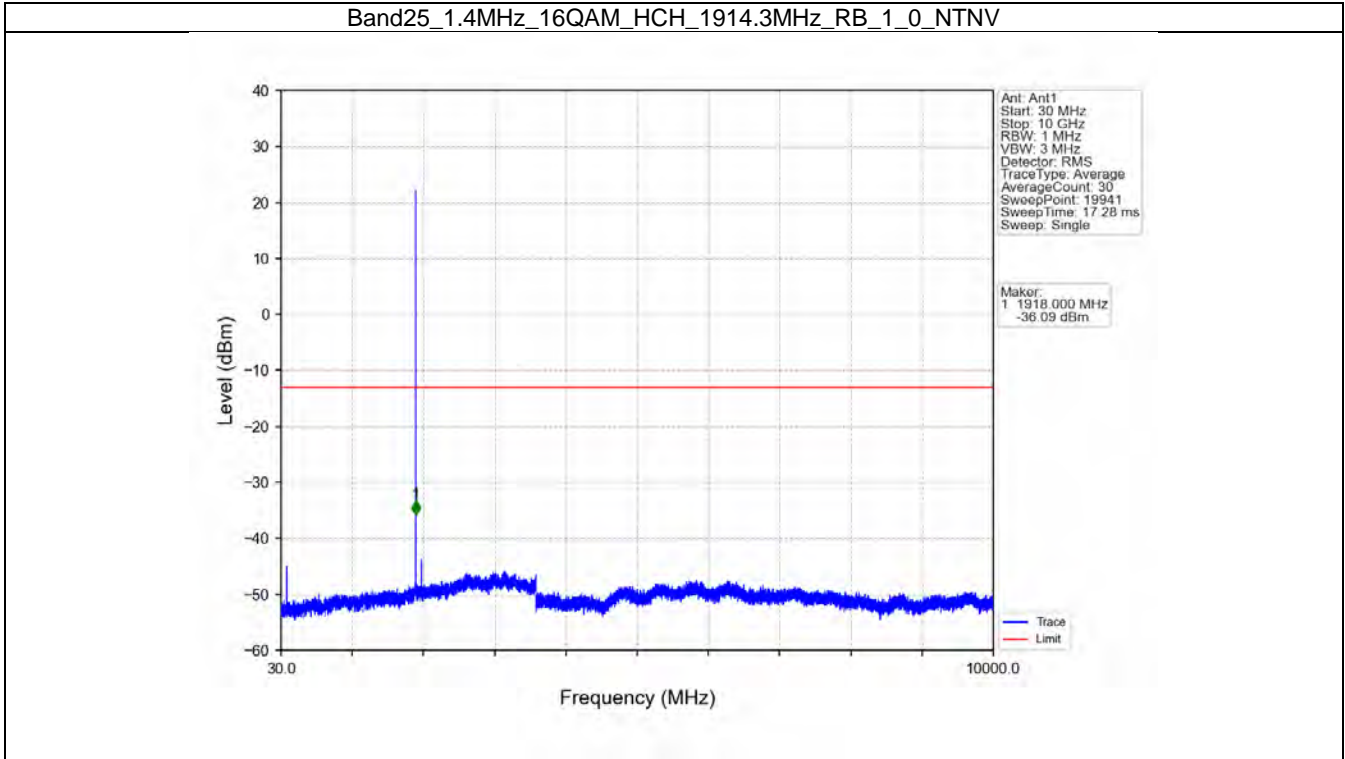
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



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

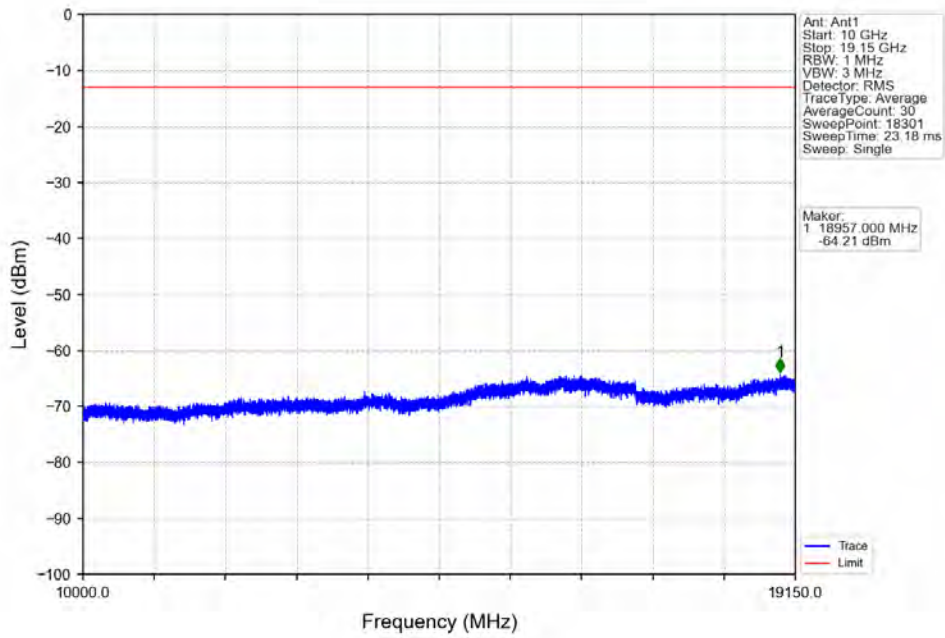


Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV

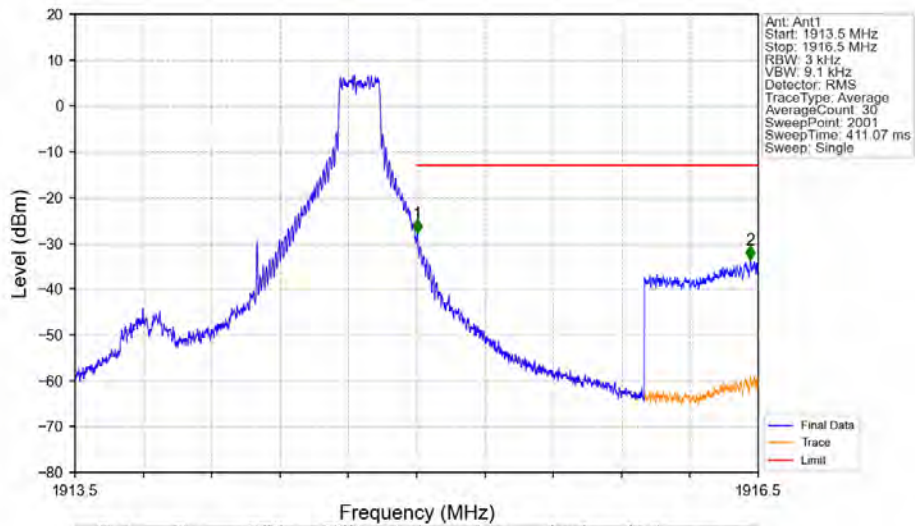


Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV

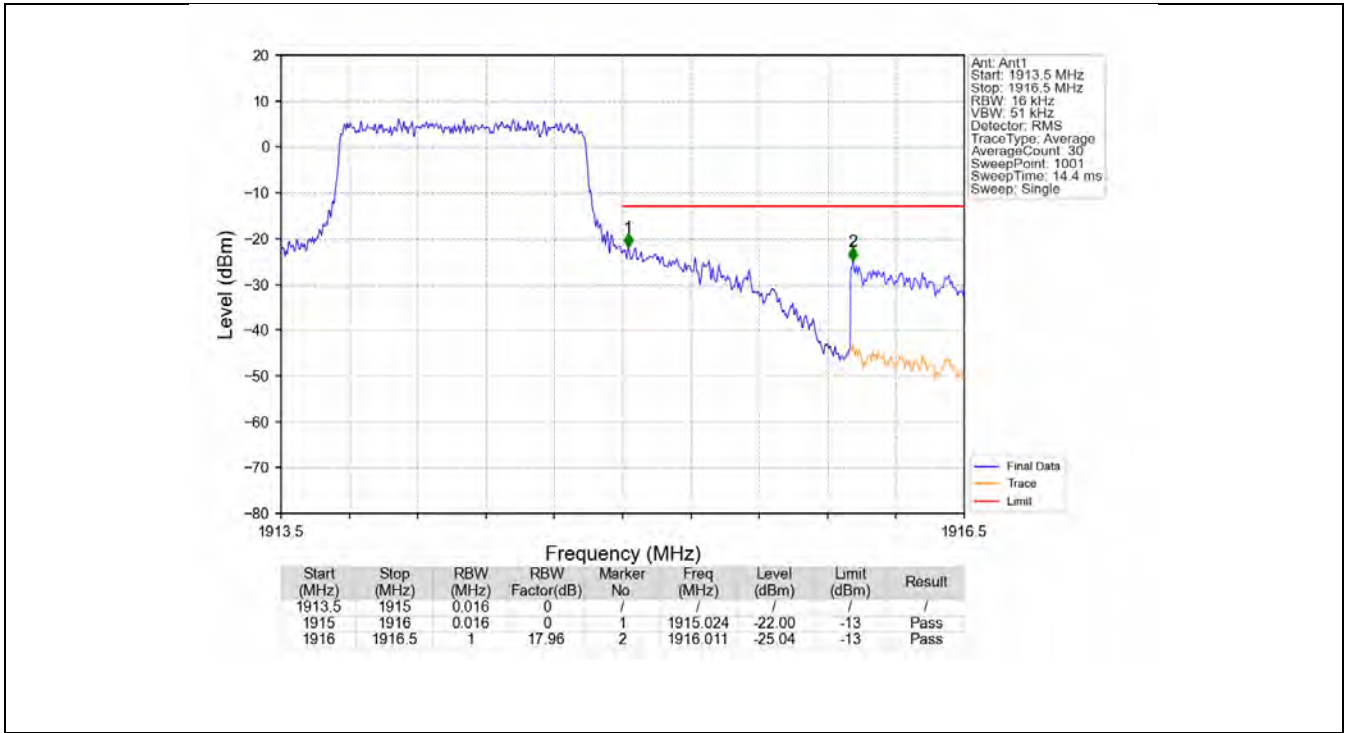




Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_1\_5\_NTNV



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



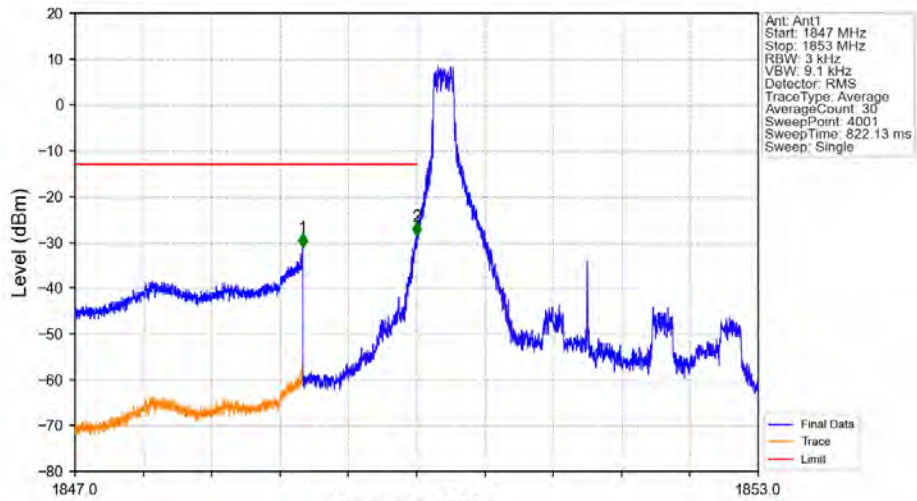
## 6.2 B25\_3MHz

### 6.2.1 Test Result

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

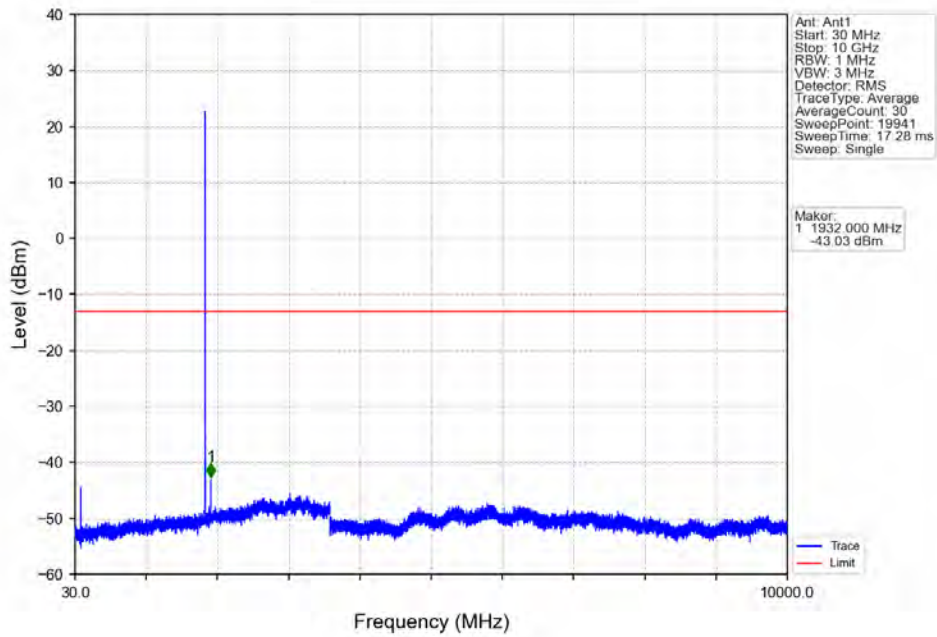
### 6.2.2 Test Graph

Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV
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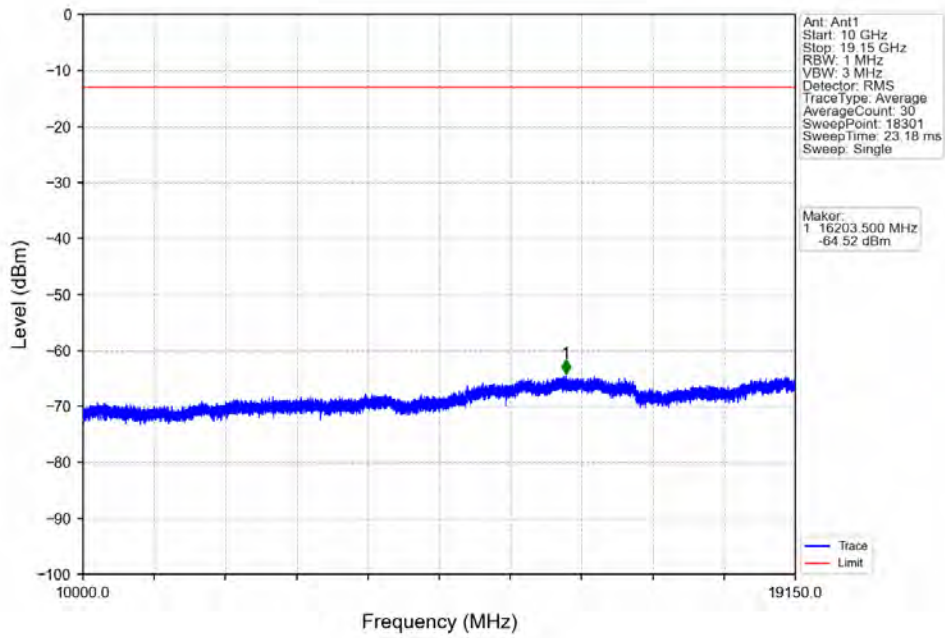


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	25.23	1	1848.998	-31.17	-13	Pass
1849	1850	0.003	0	2	1850.000	-28.64	-13	Pass
1850	1853	0.003	0	/	/	/	/	/

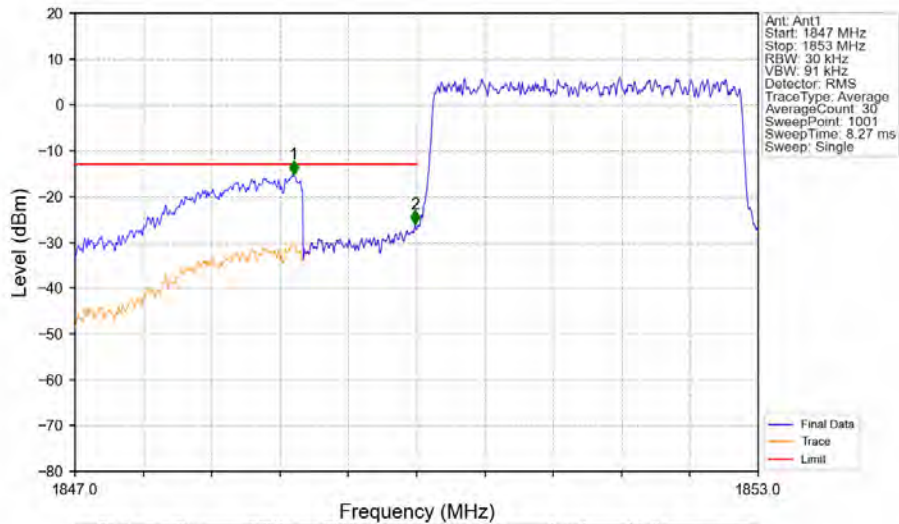
Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



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

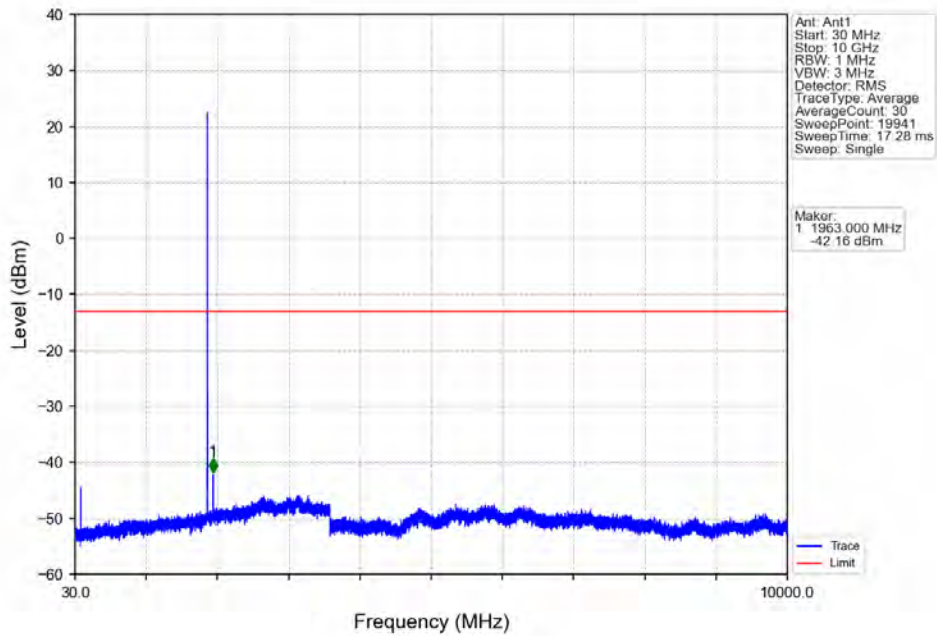


Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

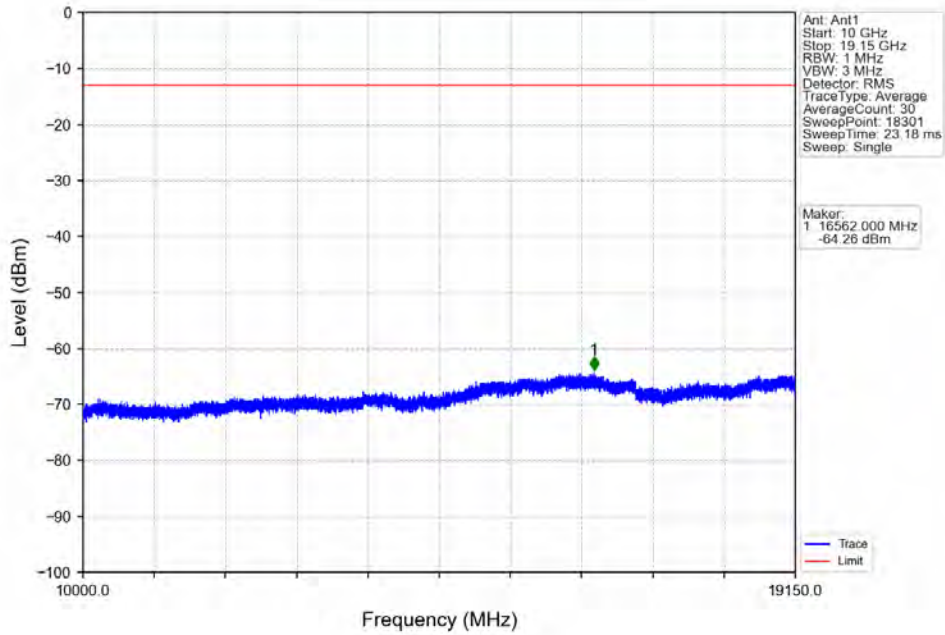


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	15.23	1	1848.920	-15.21	-13	Pass
1849	1850	0.03	0	2	1849.988	-26.09	-13	Pass
1850	1853	0.03	0	/	/	/	/	/

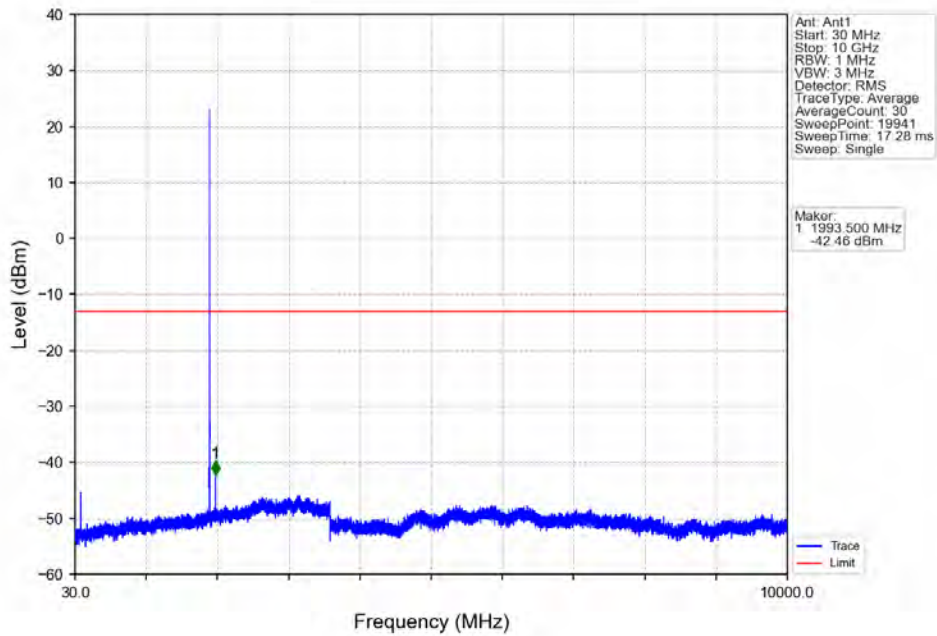
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



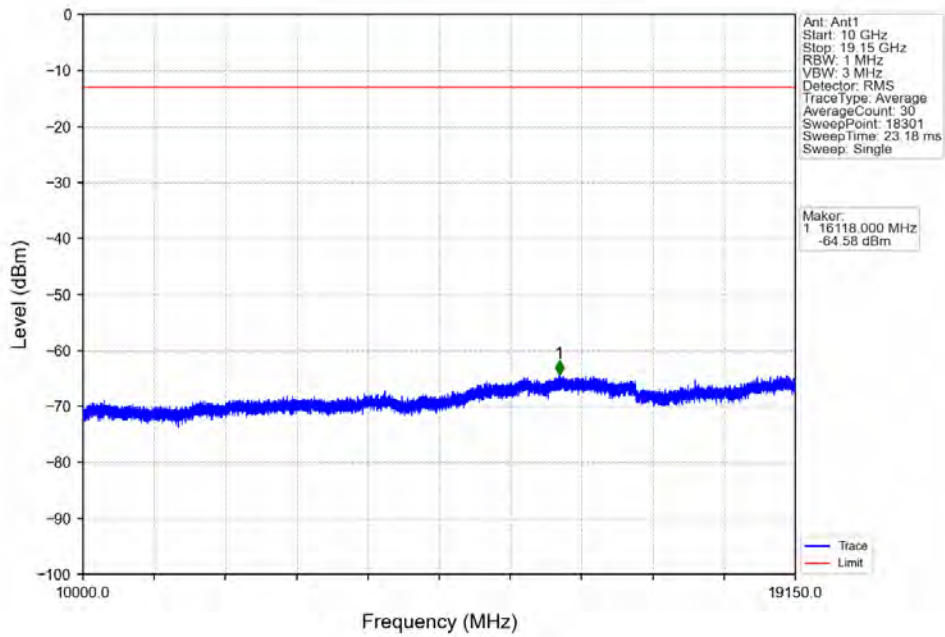
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



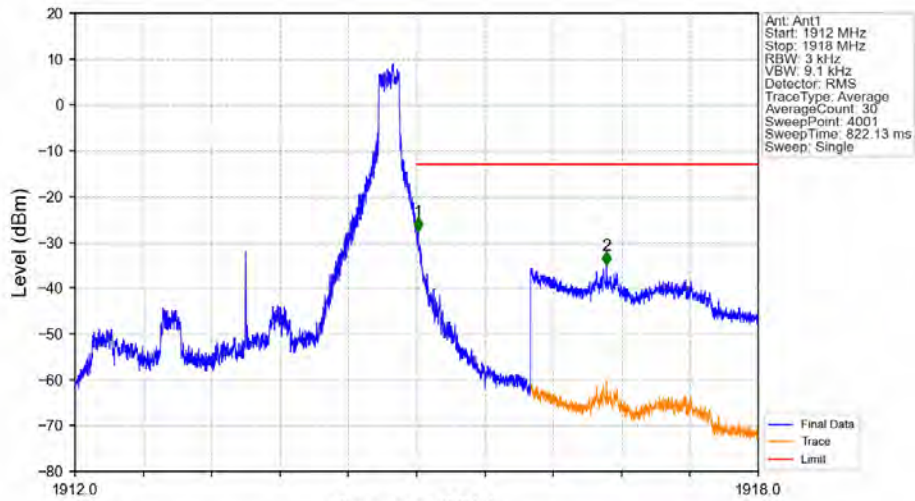
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_1\_0\_NTNV



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

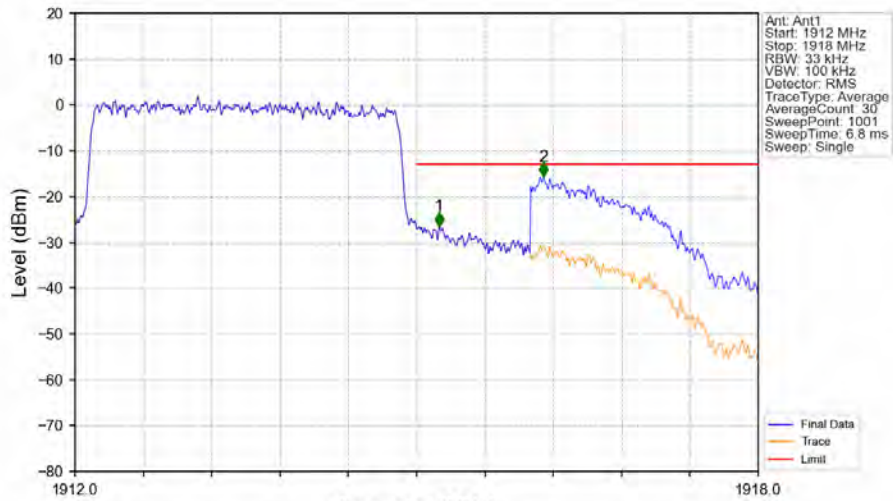


Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_1\_14\_NTNV



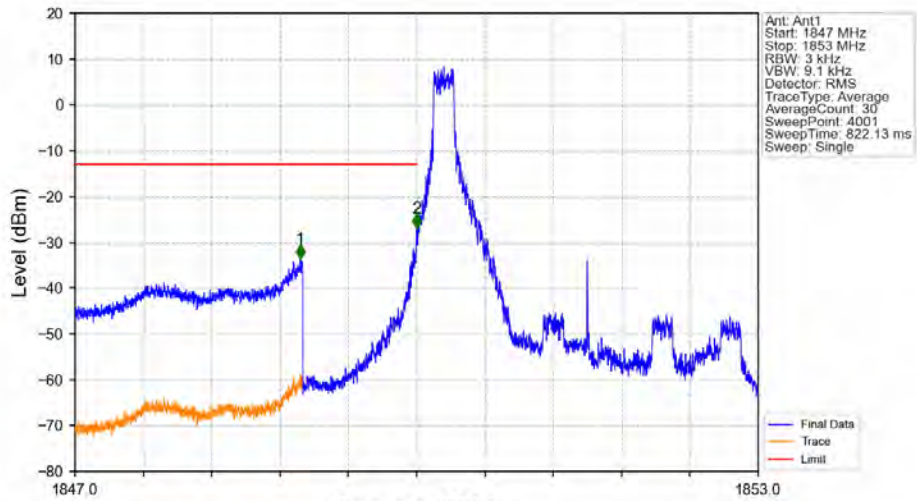
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	0	/	/	/	/	/
1915	1916	0.003	0	1	1915.014	-27.68	-13	Pass
1916	1918	1	25.23	2	1916.668	-35.10	-13	Pass

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



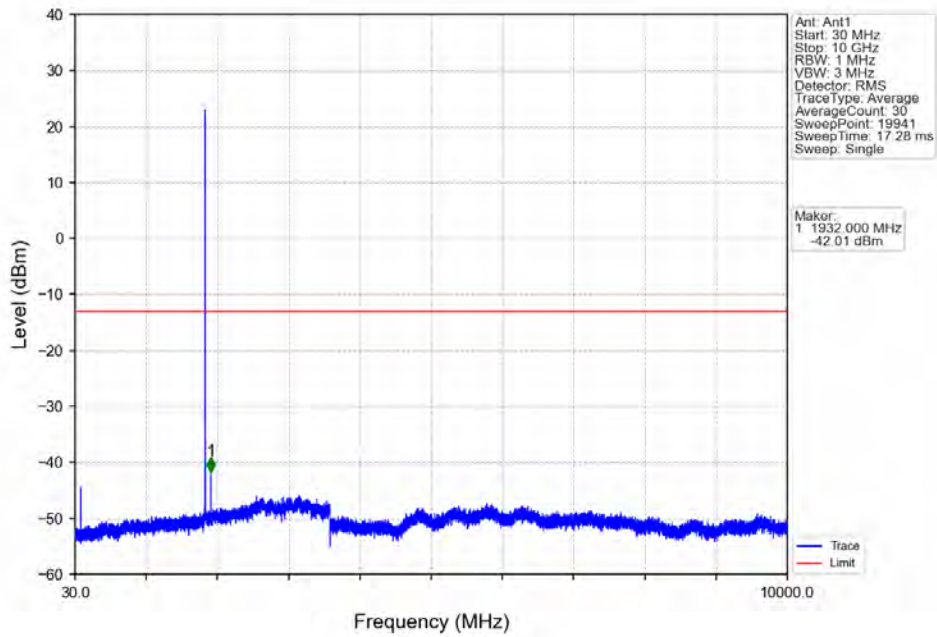
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.033	0	/	/	/	/	/
1915	1916	0.033	0	1	1915.198	-26.47	-13	Pass
1916	1918	1	14.81	2	1916.116	-15.70	-13	Pass

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



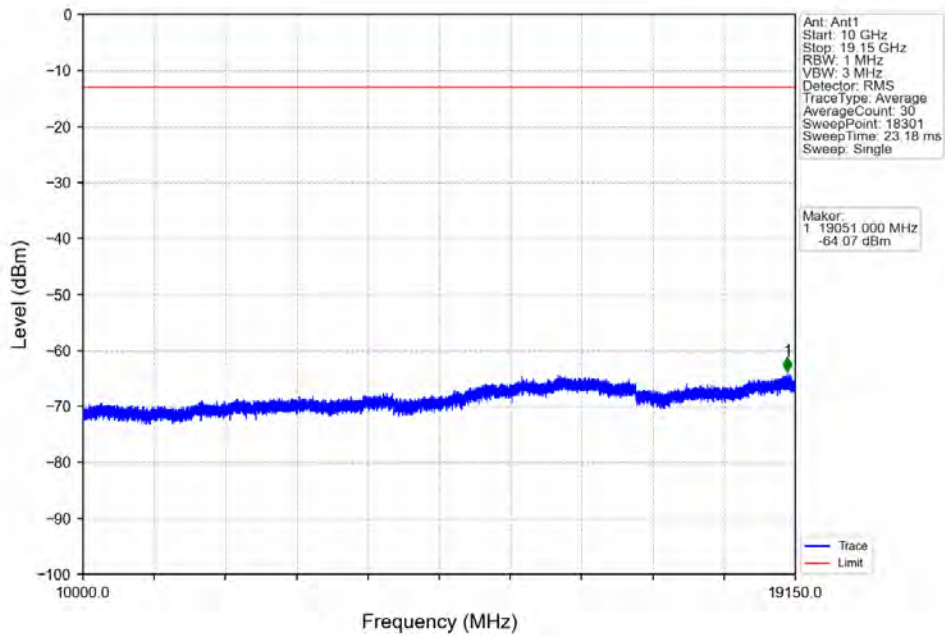
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	25.23	1	1848.978	-33.60	-13	Pass
1849	1850	0.003	0	2	1850.000	-26.95	-13	Pass
1850	1853	0.003	0	/	/	/	/	/

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

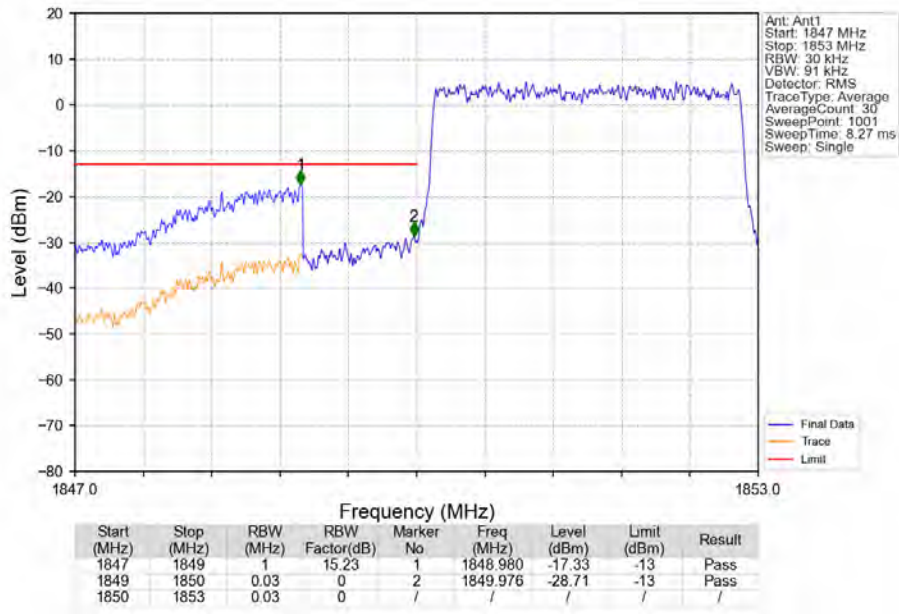


Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV

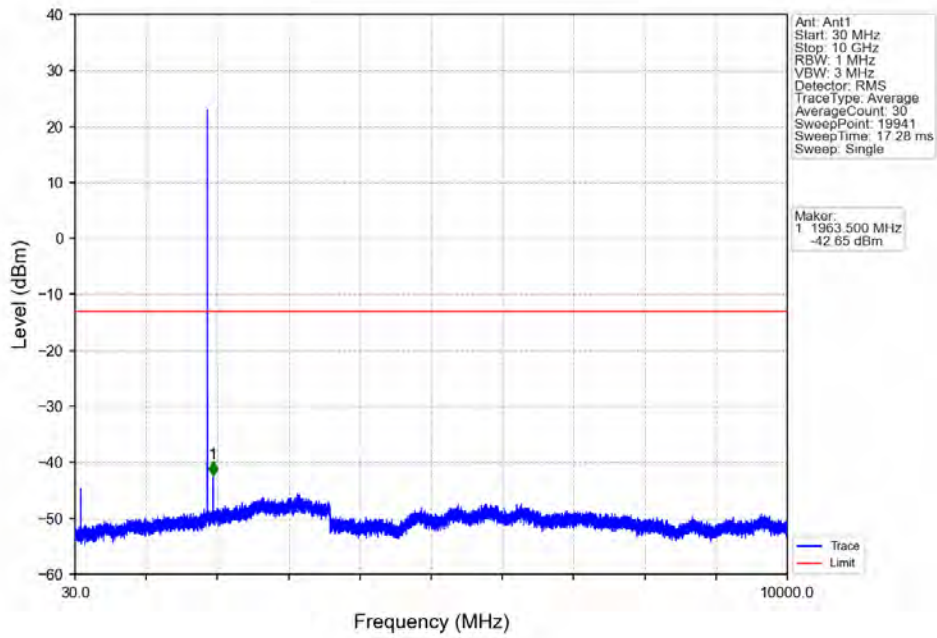




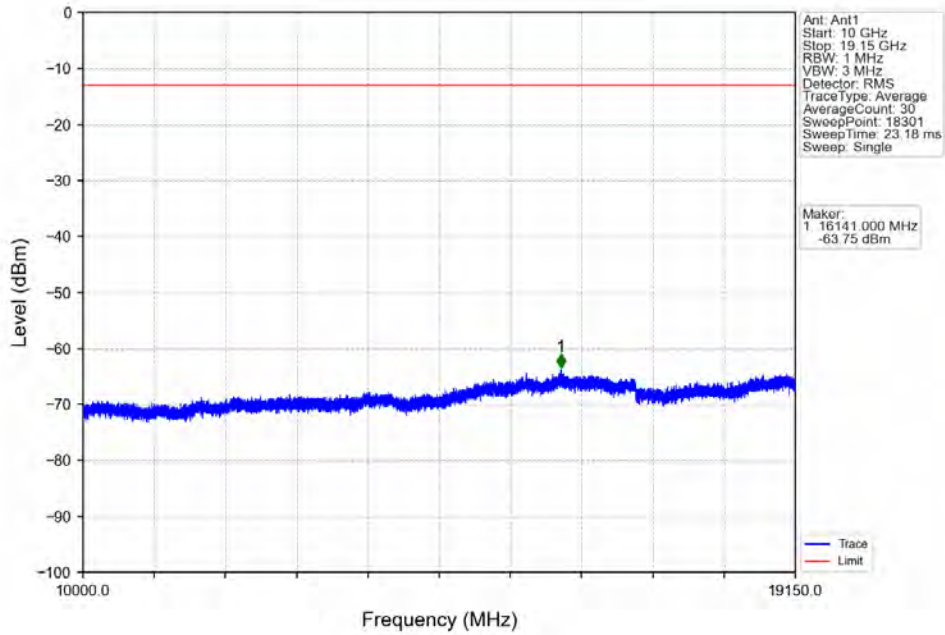
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



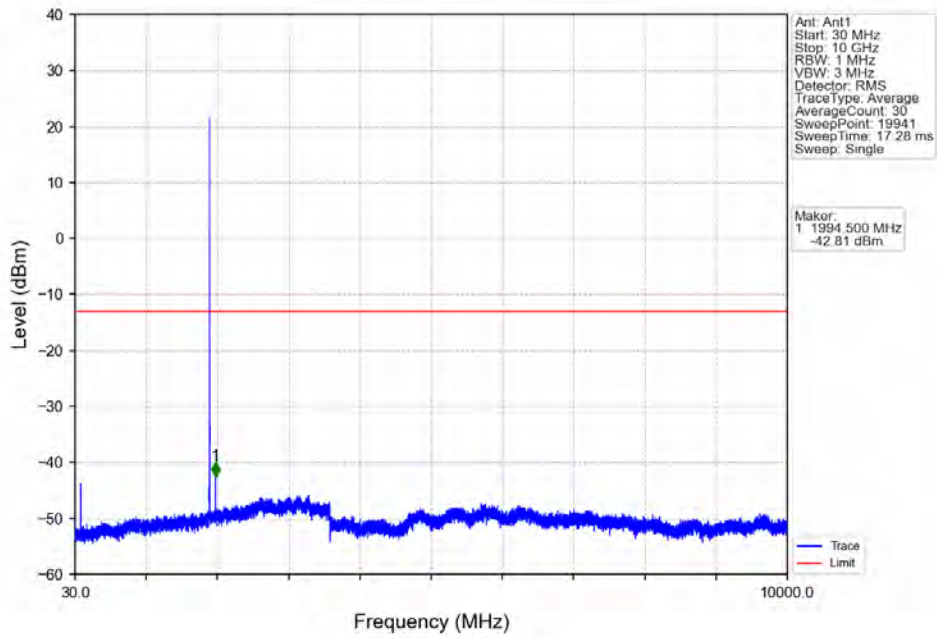
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



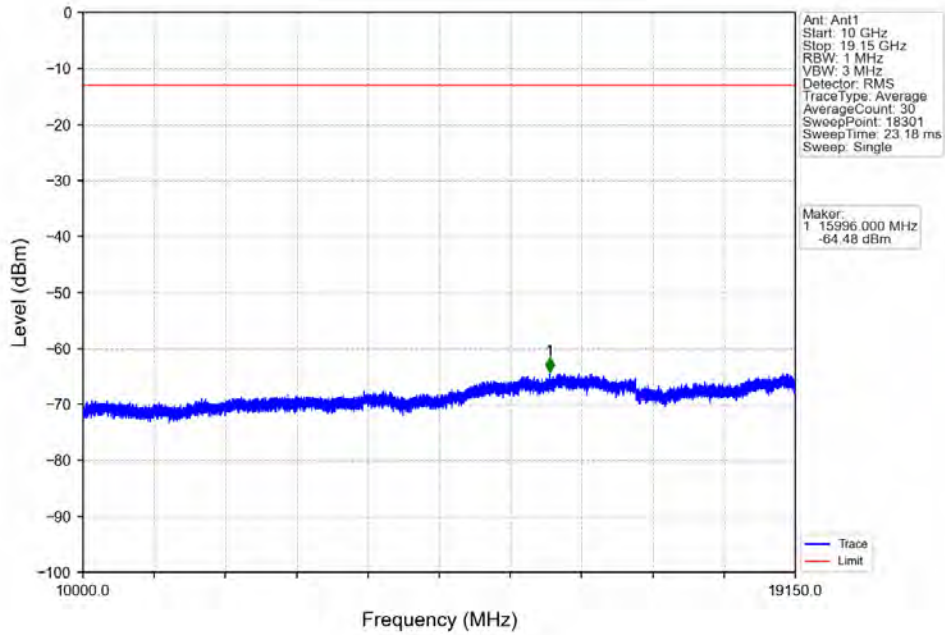
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



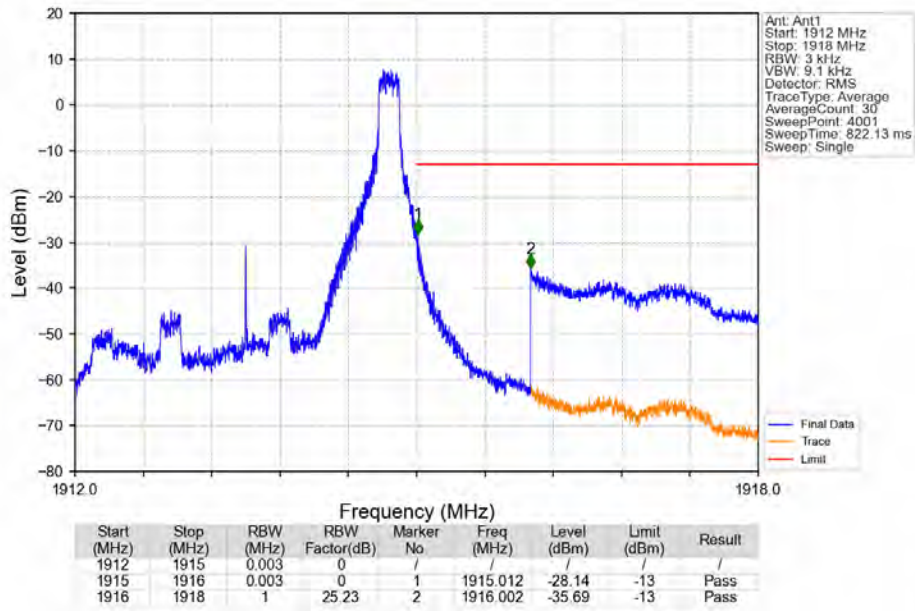
Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_1\_0\_NTNV



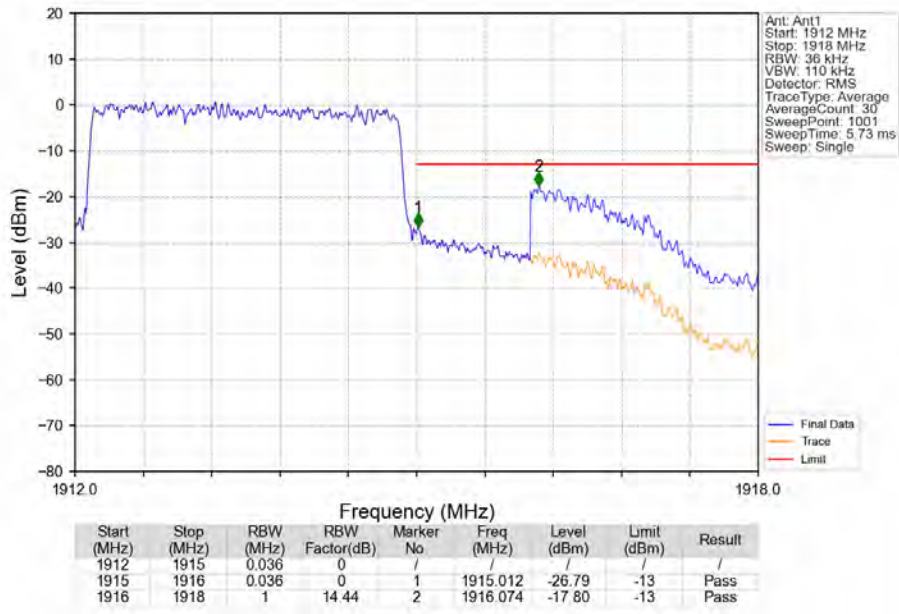
Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_1\_0\_NTNV



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



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

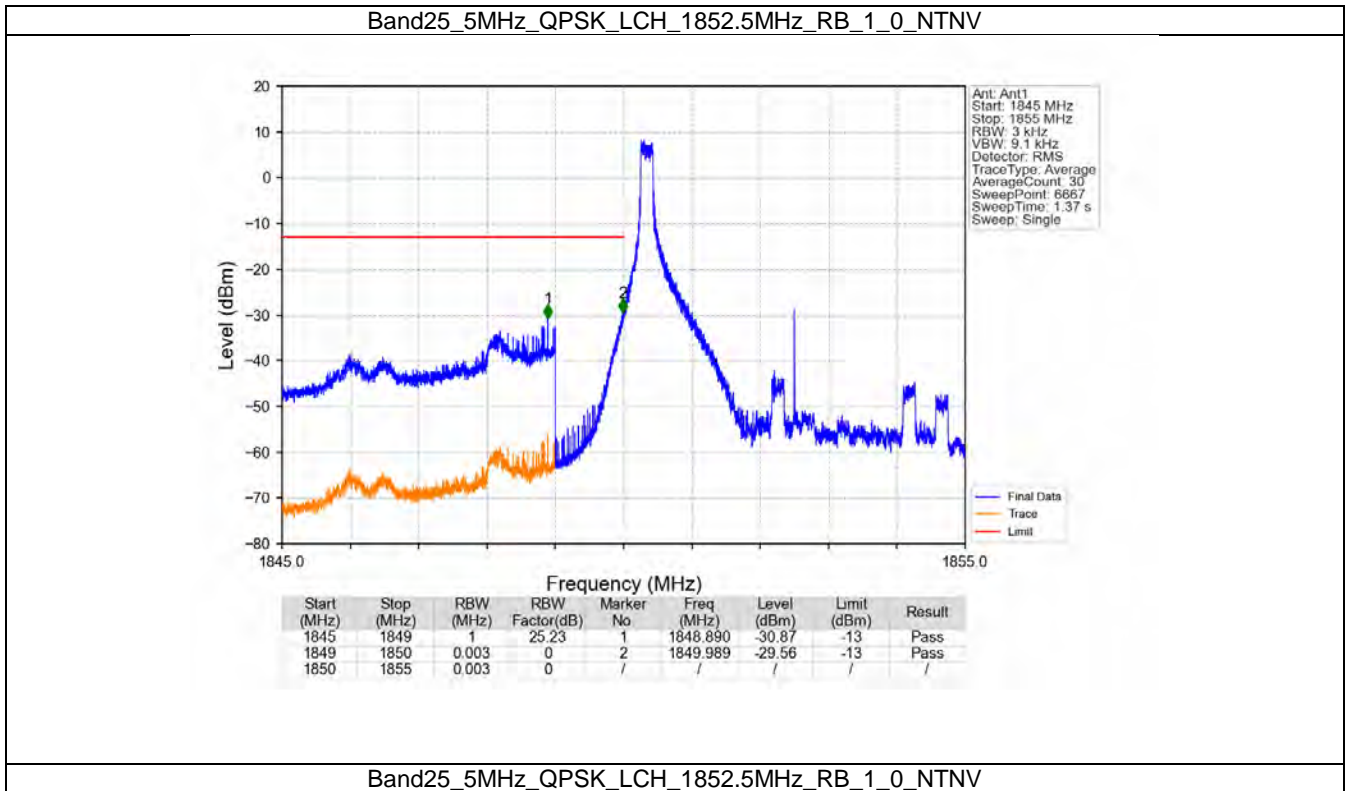


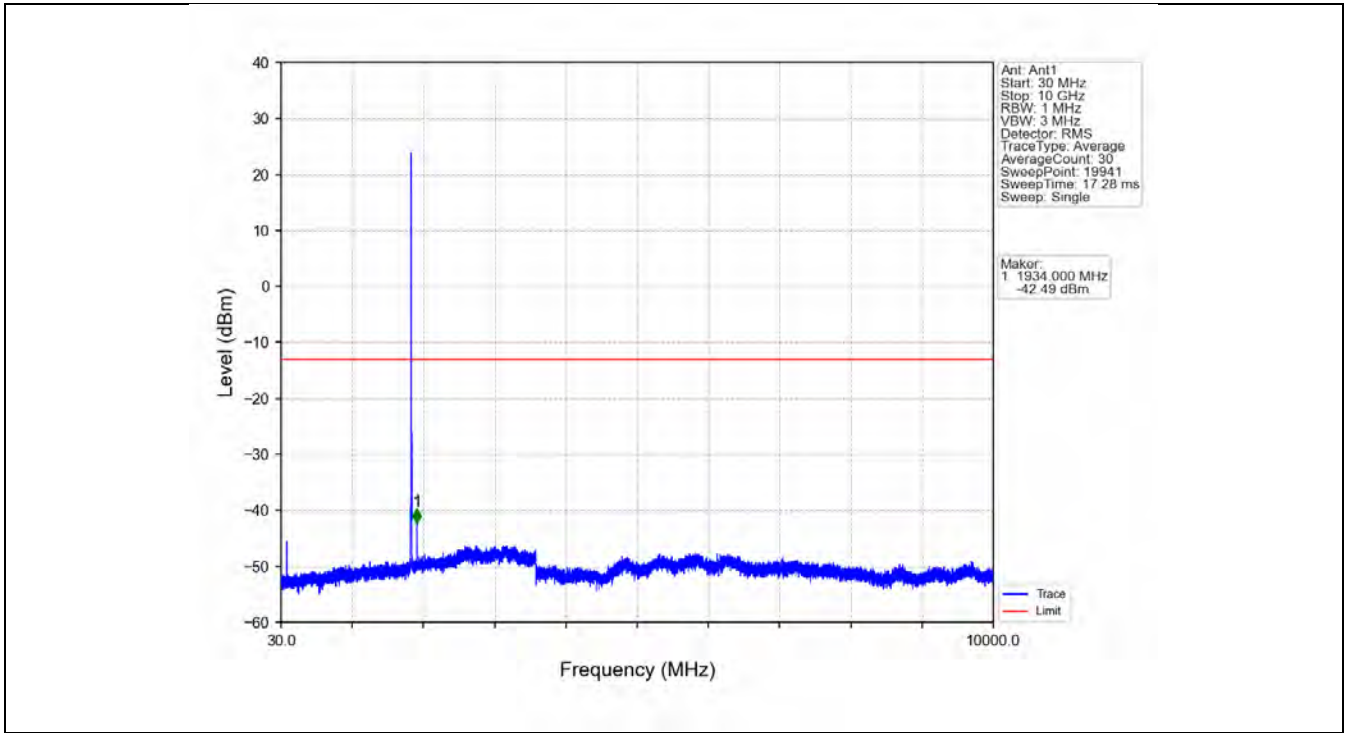
6.3 B25\_5MHz

### 6.3.1 Test Result

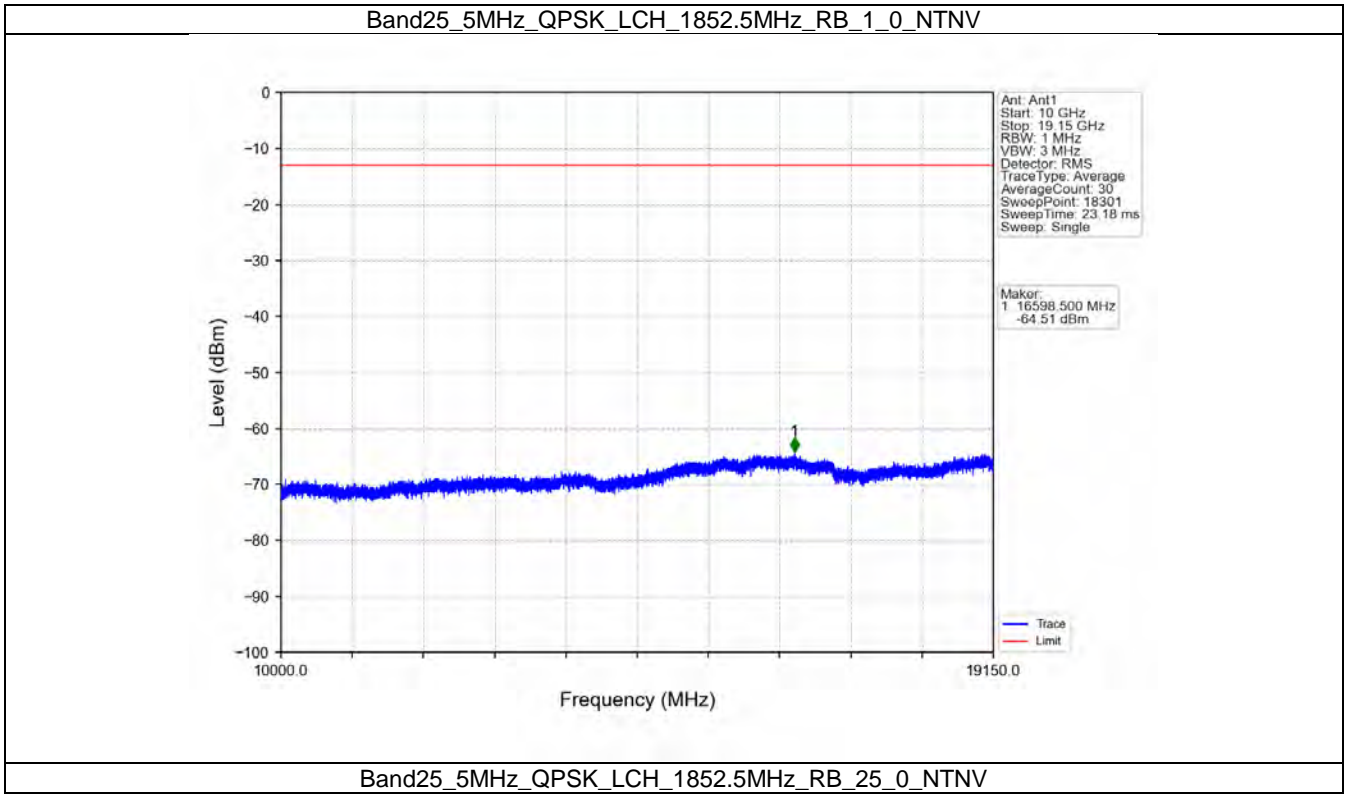
Band: 25 / Bandwidth: 5MHz / NTV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1852.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1912.5	1	0	Refer To Test Graph		Pass
			25	24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

### 6.3.2 Test Graph

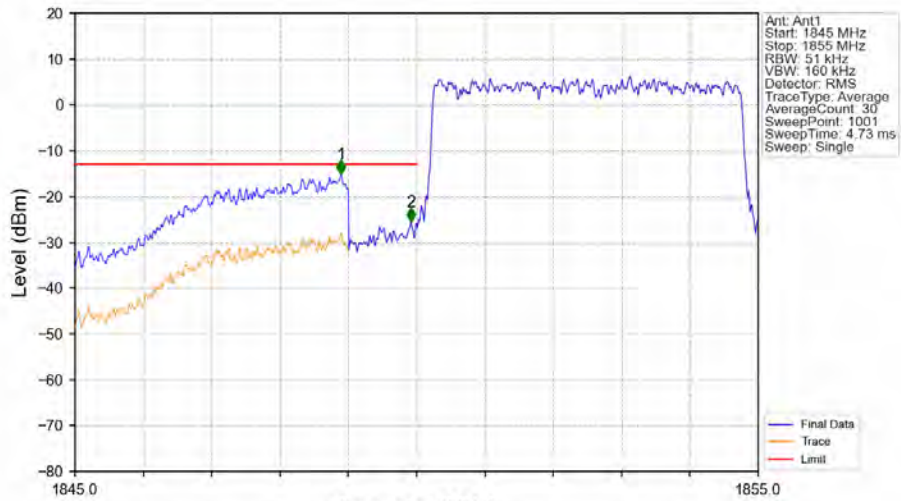




Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV

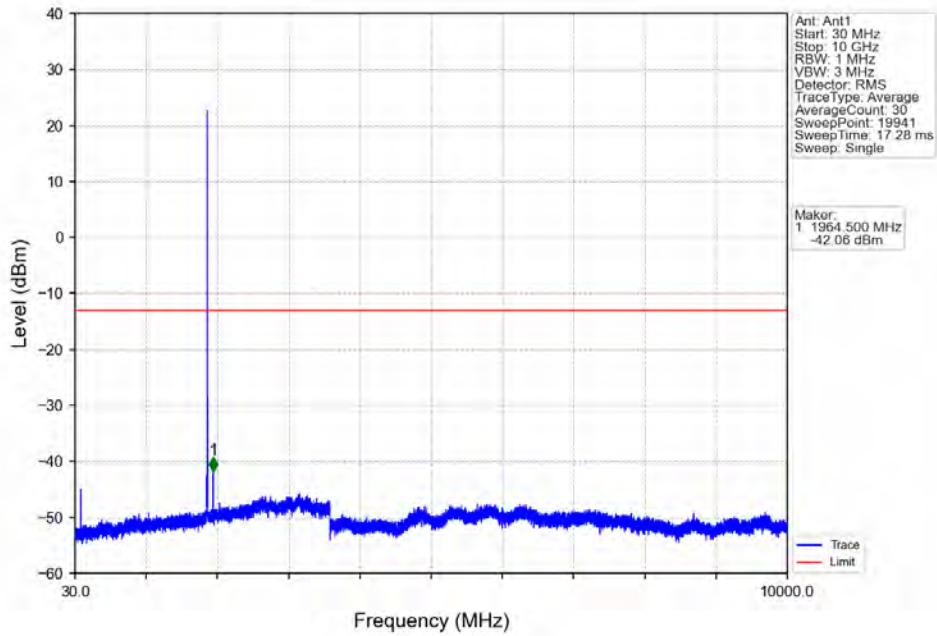


Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

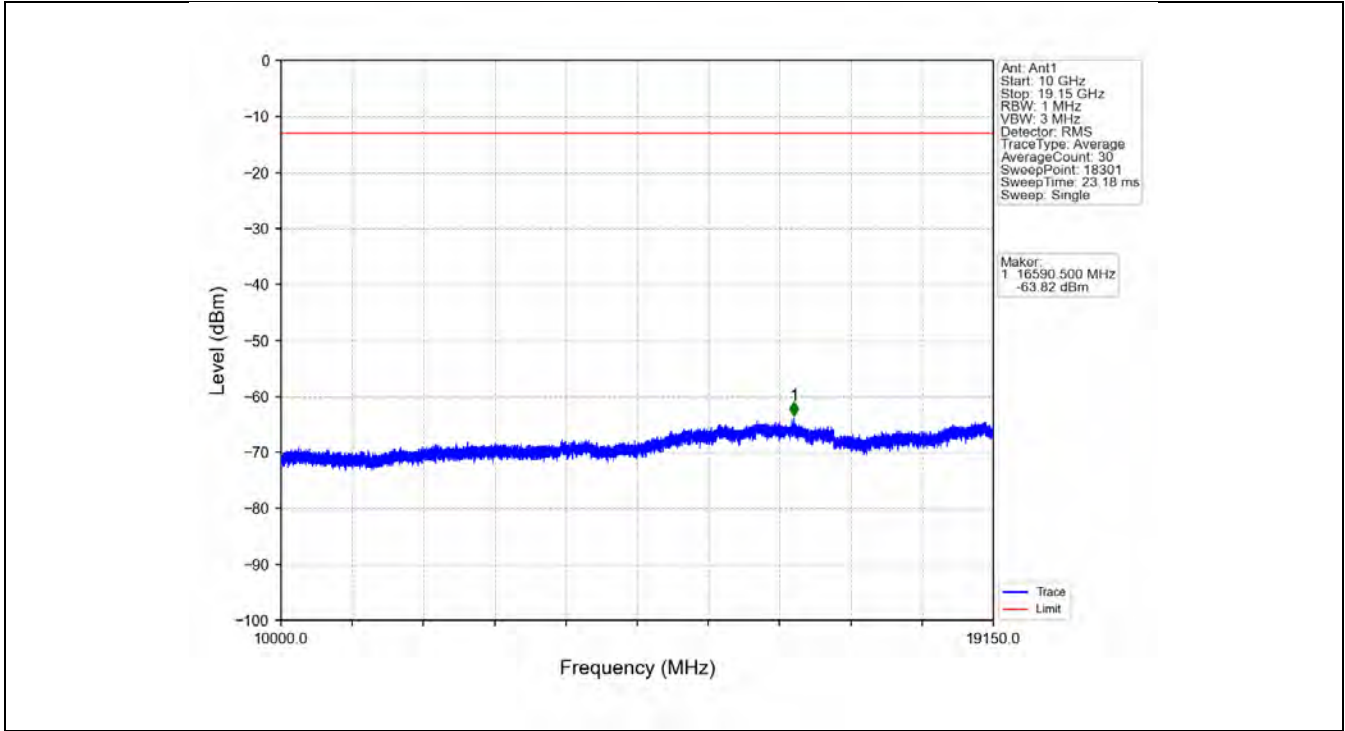


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	12.92	1	1848.890	-15.09	-13	Pass
1849	1850	0.051	0	2	1849.920	-25.45	-13	Pass
1850	1855	0.051	0	/	/	/	/	/

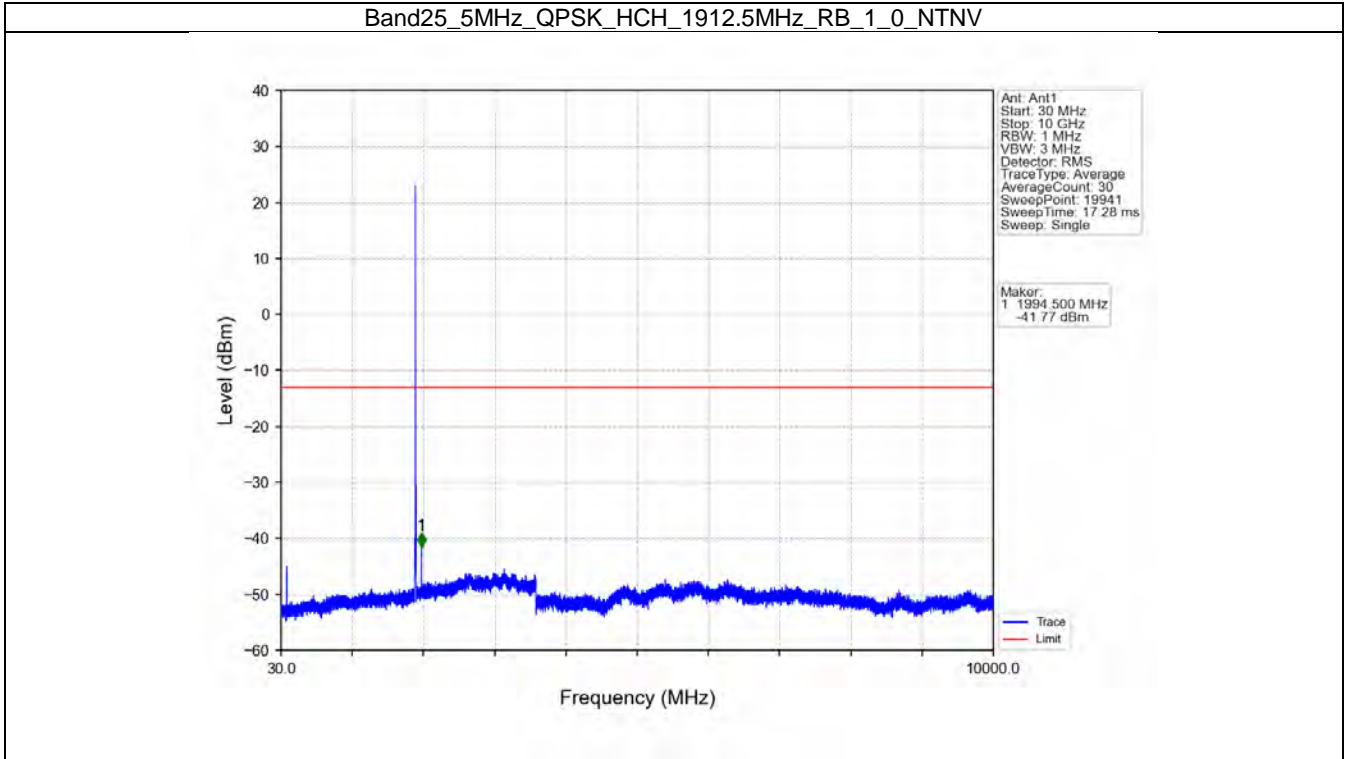
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



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

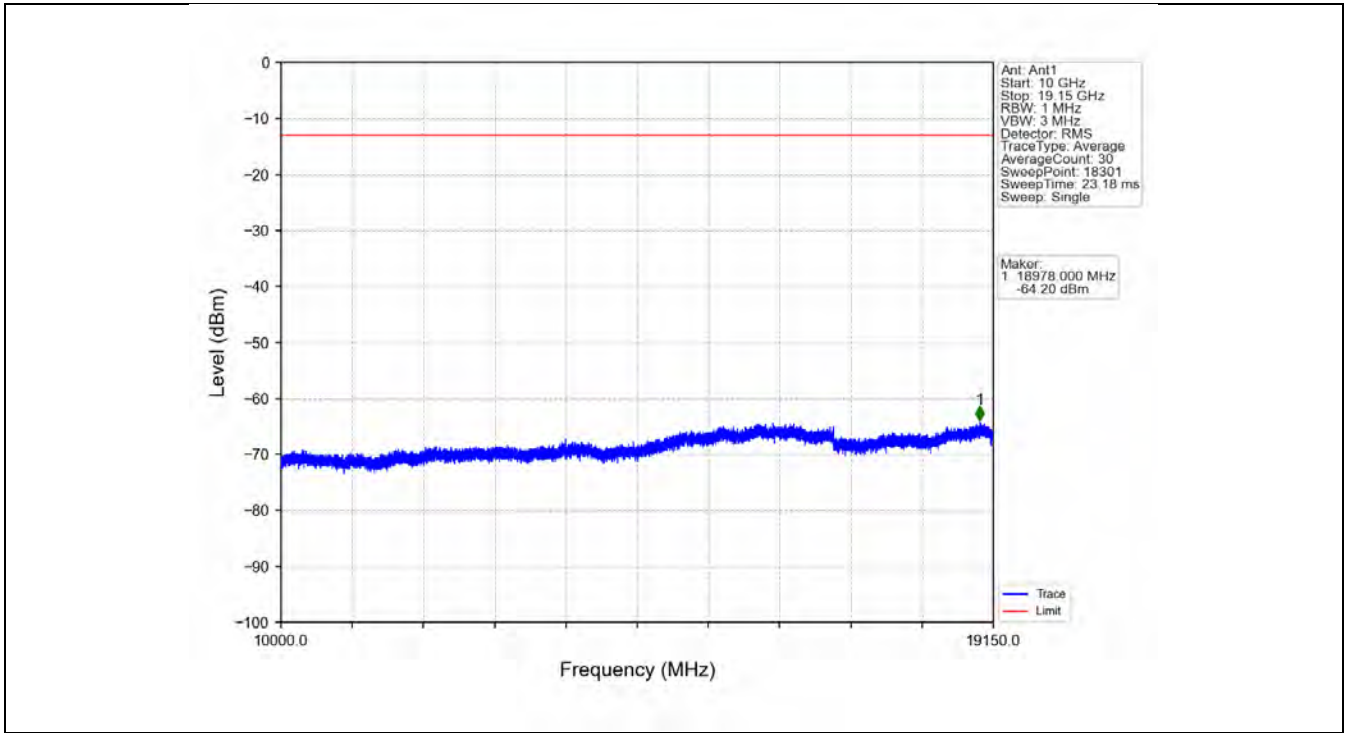


Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_1\_0\_NTNV

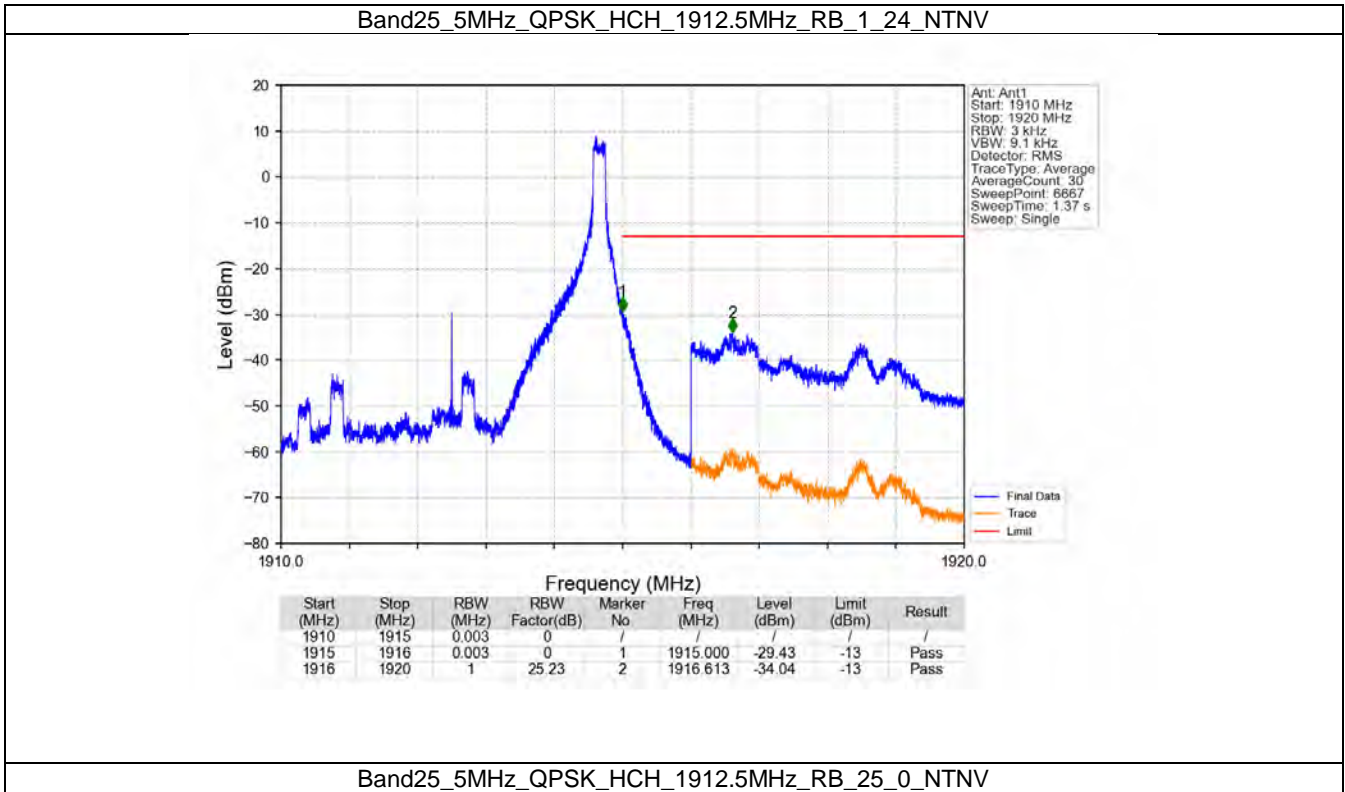


Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_1\_0\_NTNV

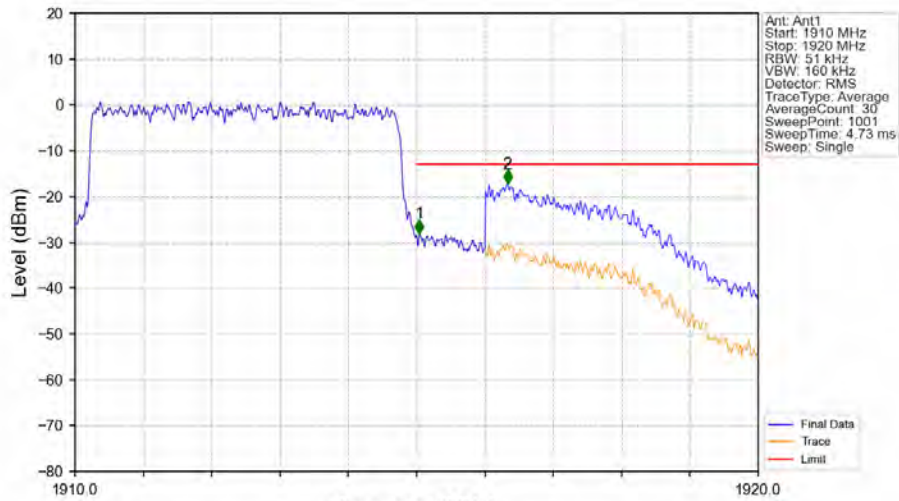




Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_1\_24\_NTNV

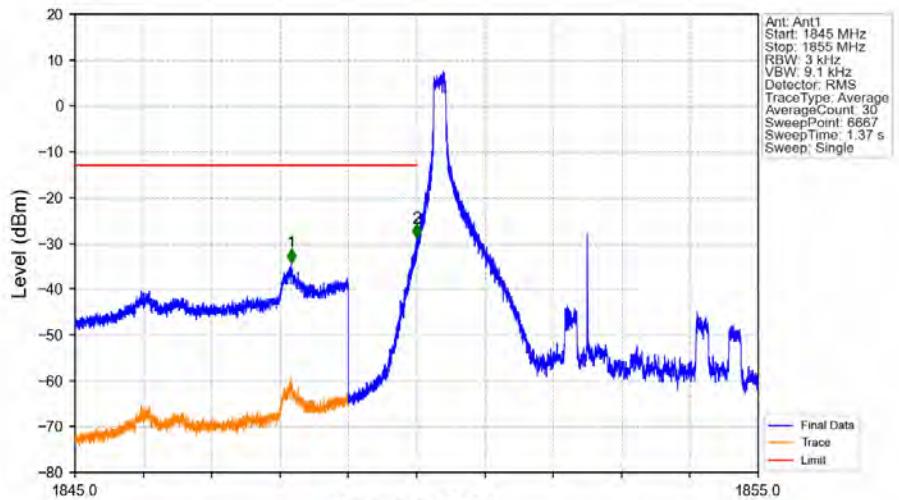


Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



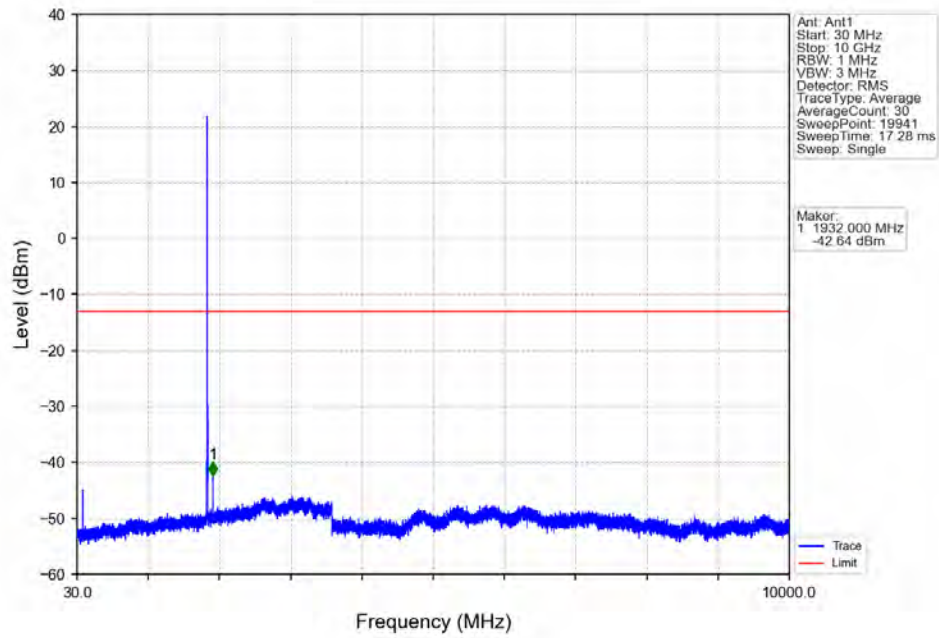
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.051	0	/	/	/	/	/
1915	1916	0.051	0	1	1915.040	-28.06	-13	Pass
1916	1920	1	12.92	2	1916.330	-17.20	-13	Pass

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

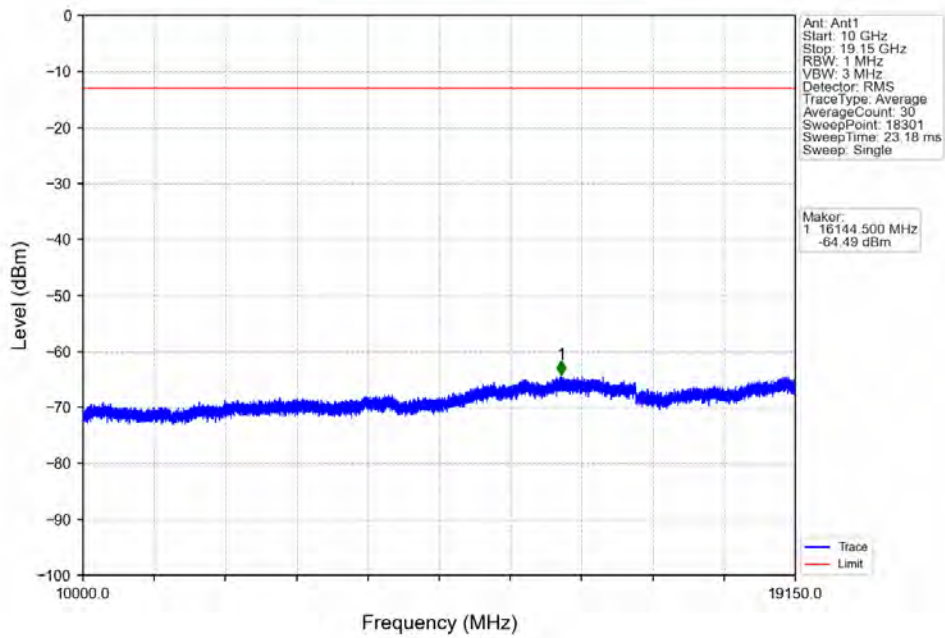


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	25.23	1	1848.164	-34.24	-13	Pass
1849	1850	0.003	0	2	1850.000	-28.93	-13	Pass
1850	1855	0.003	0	/	/	/	/	/

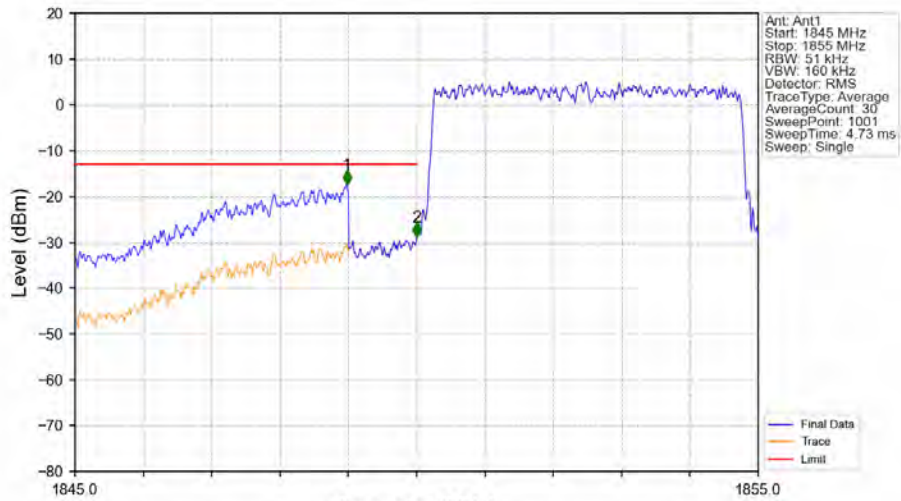
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



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

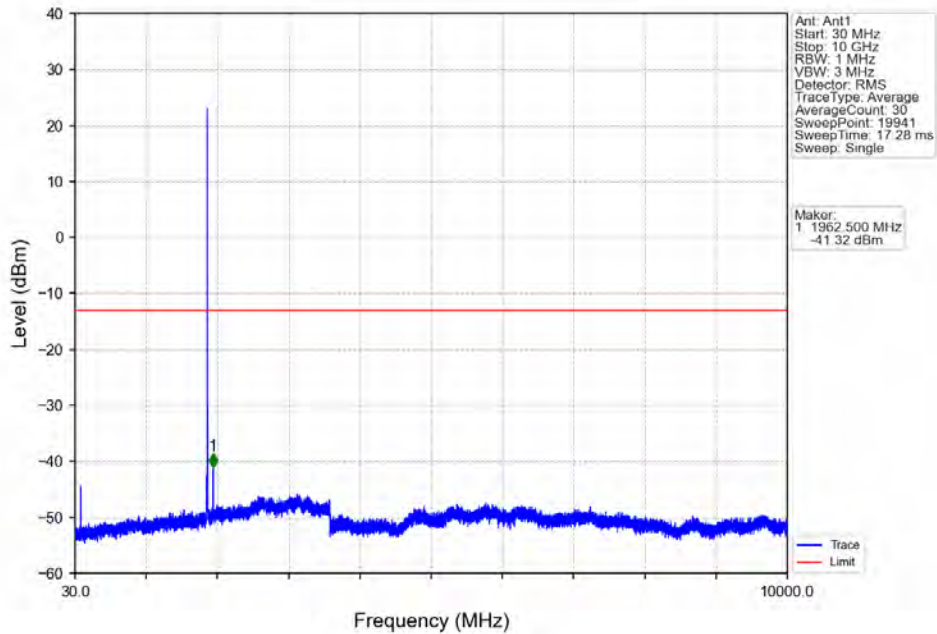


Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

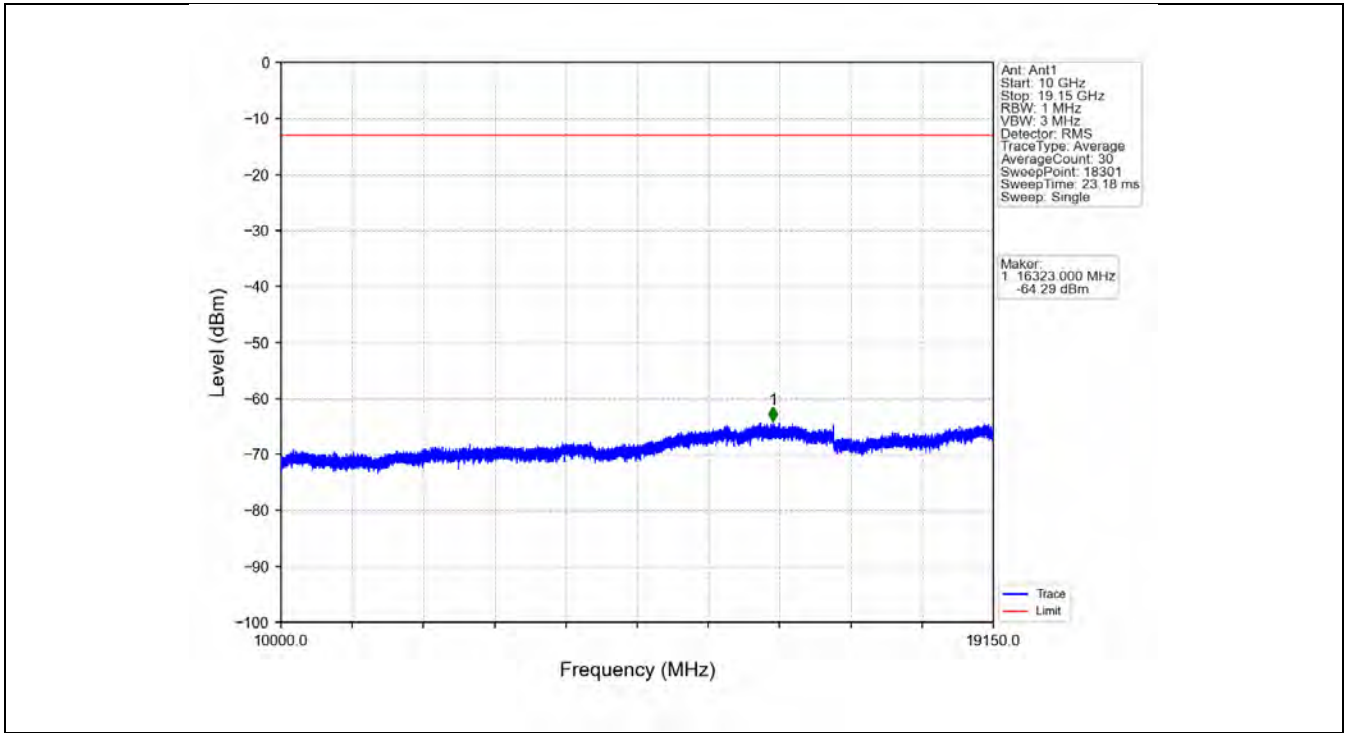


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	12.92	1	1848.980	-17.37	-13	Pass
1849	1850	0.051	0	2	1850.000	-28.91	-13	Pass
1850	1855	0.051	0	/	/	/	/	/

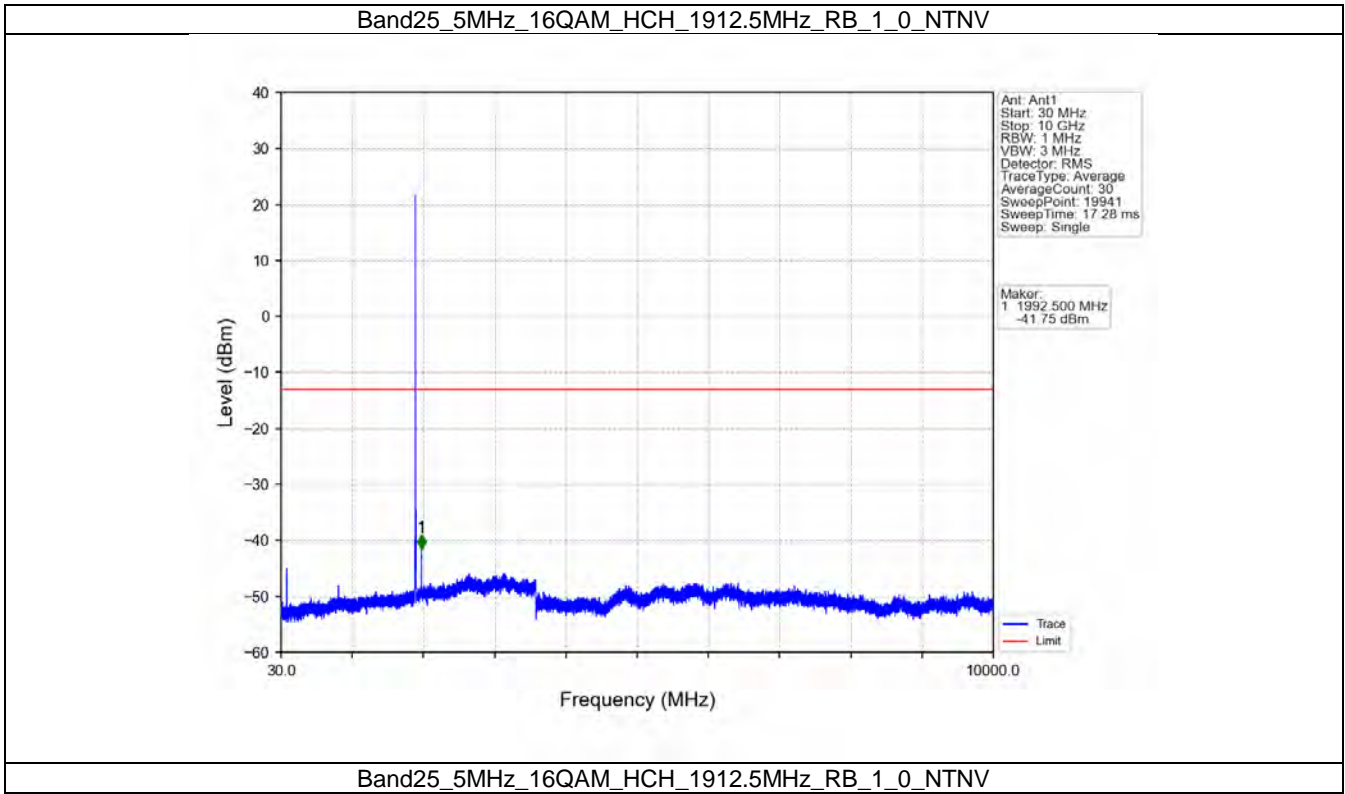
Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



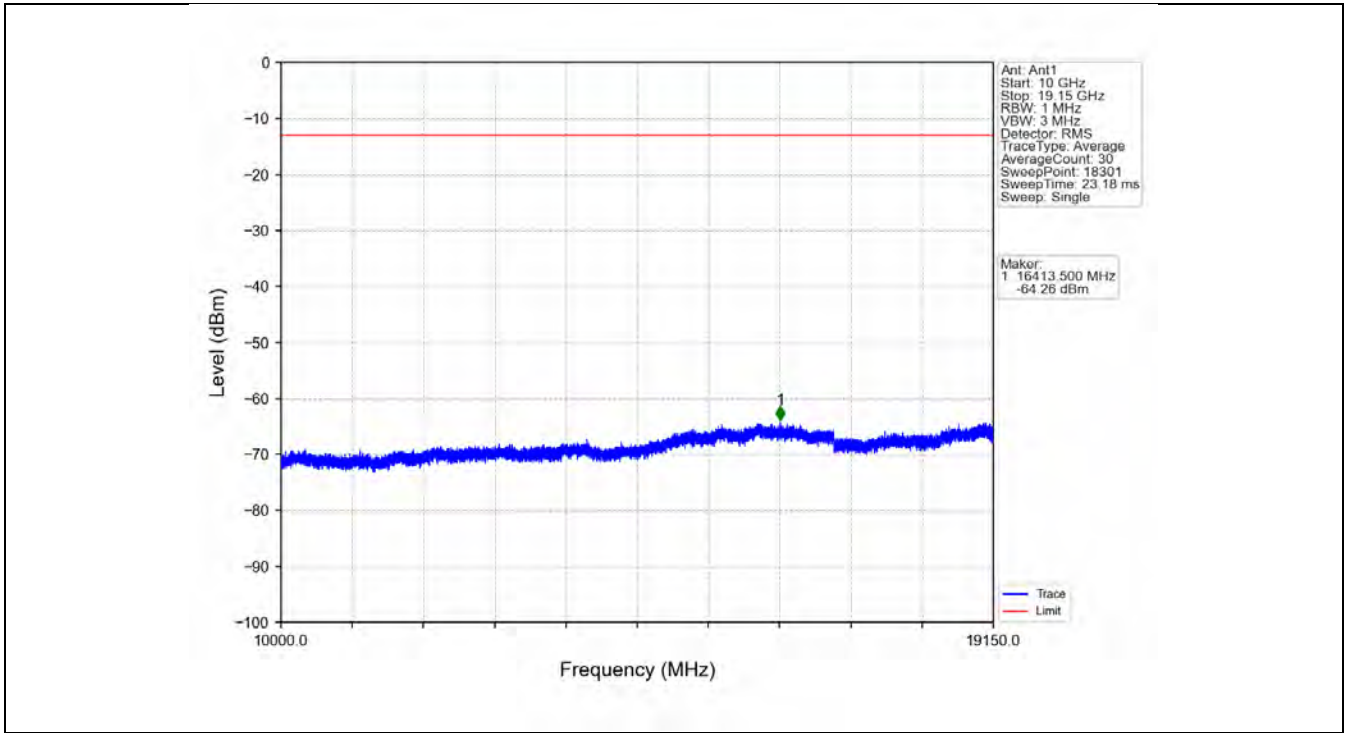
Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



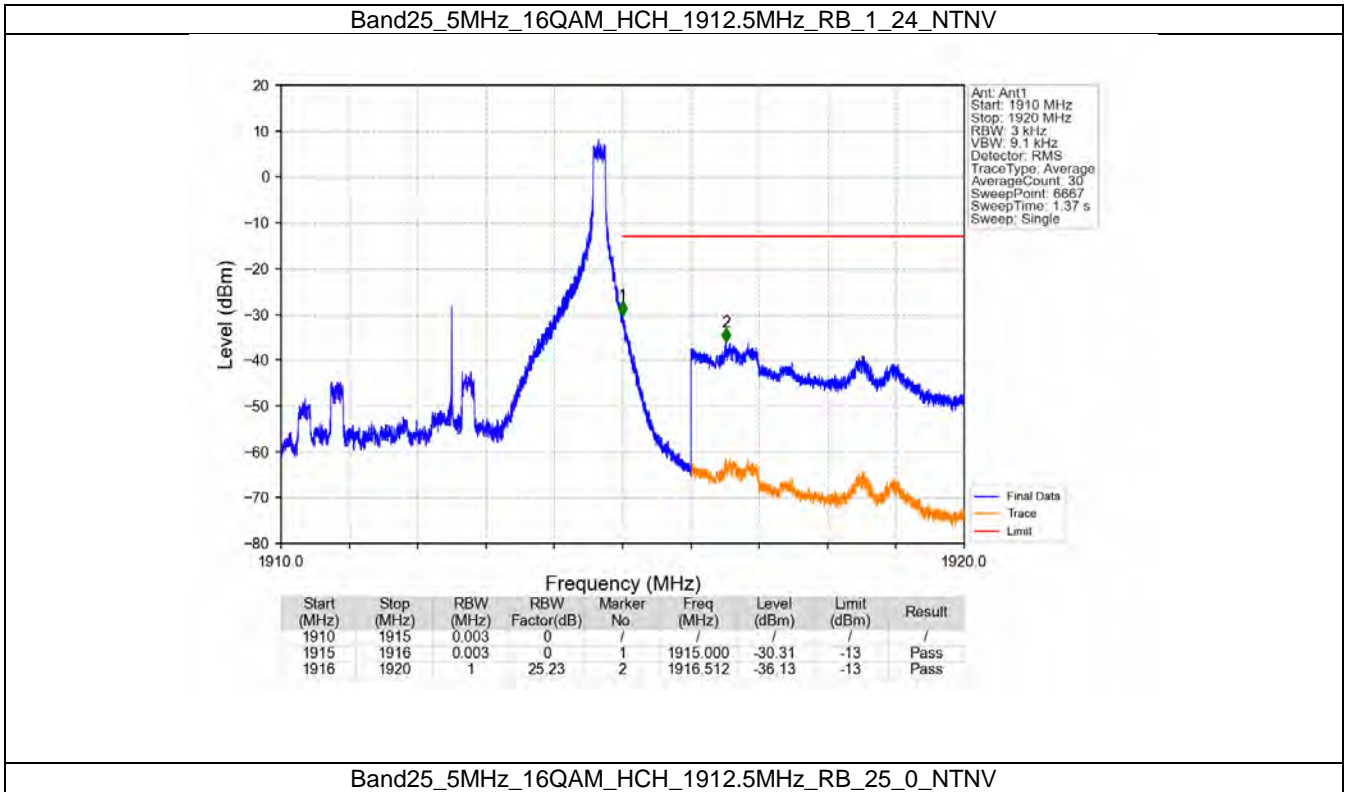
Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_1\_0\_NTNV



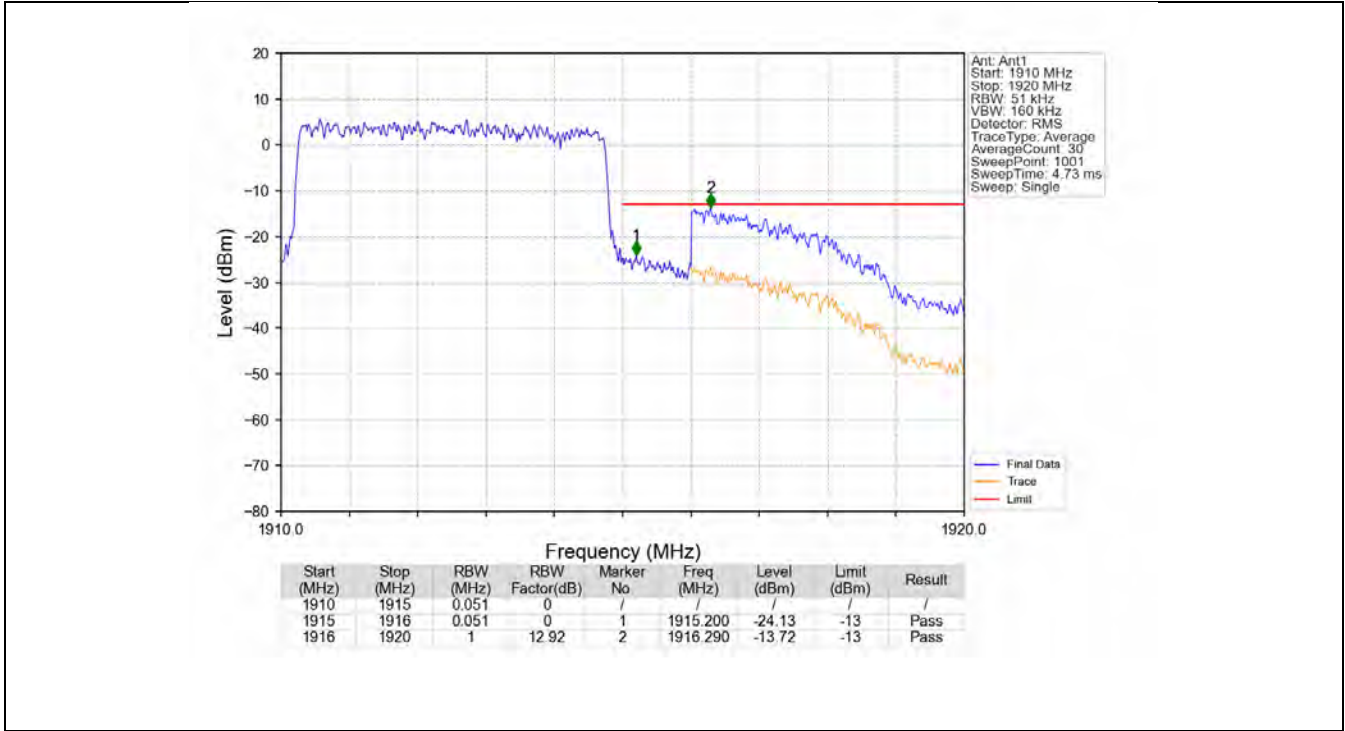
Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_1\_0\_NTNV



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



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



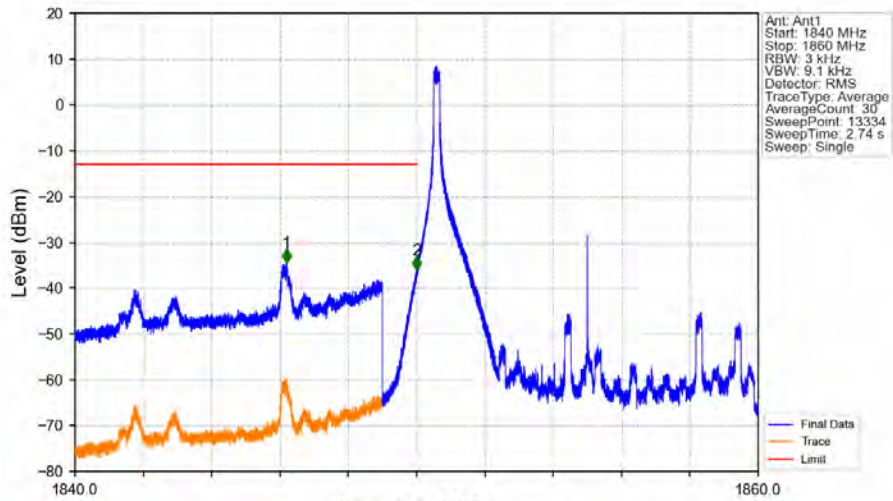
## 6.4 B25\_10MHz

### 6.4.1 Test Result

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

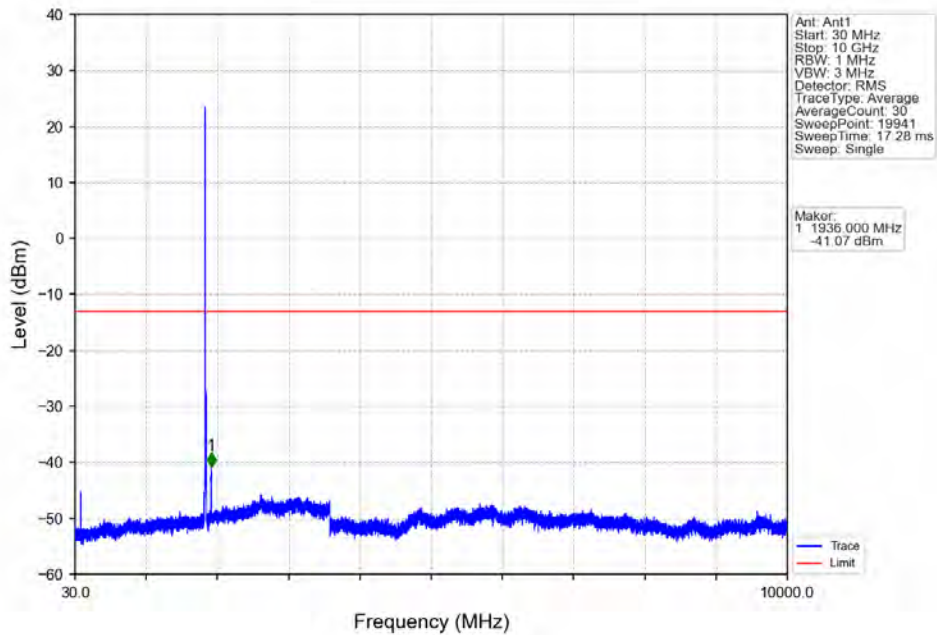
### 6.4.2 Test Graph

Band25_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTV
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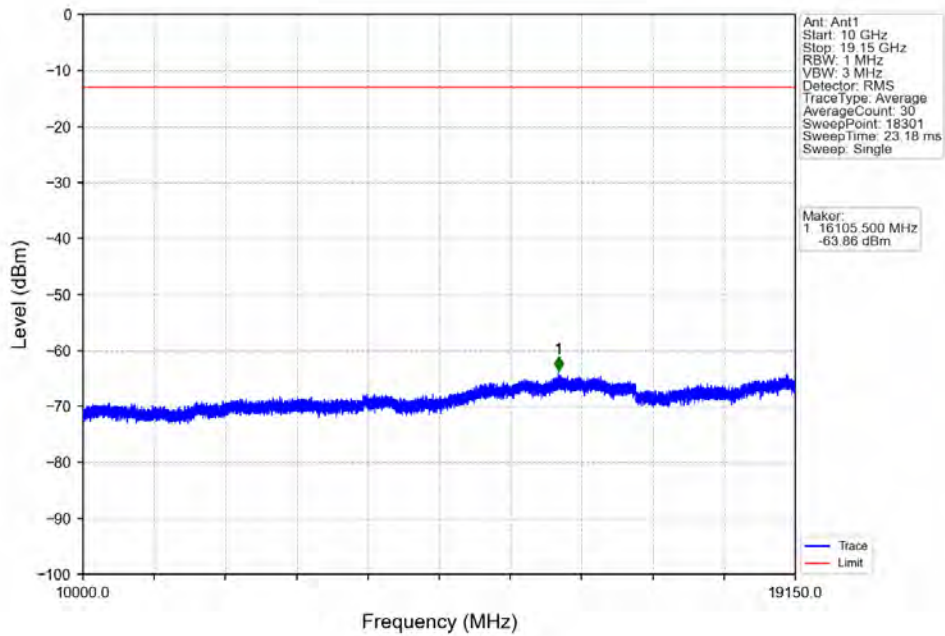
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	25.23	1	1846.191	-34.55	-13	Pass
1849	1850	0.003	0	2	1849.993	-36.16	-13	Pass
1850	1860	0.003	0	/	/	/	/	/

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

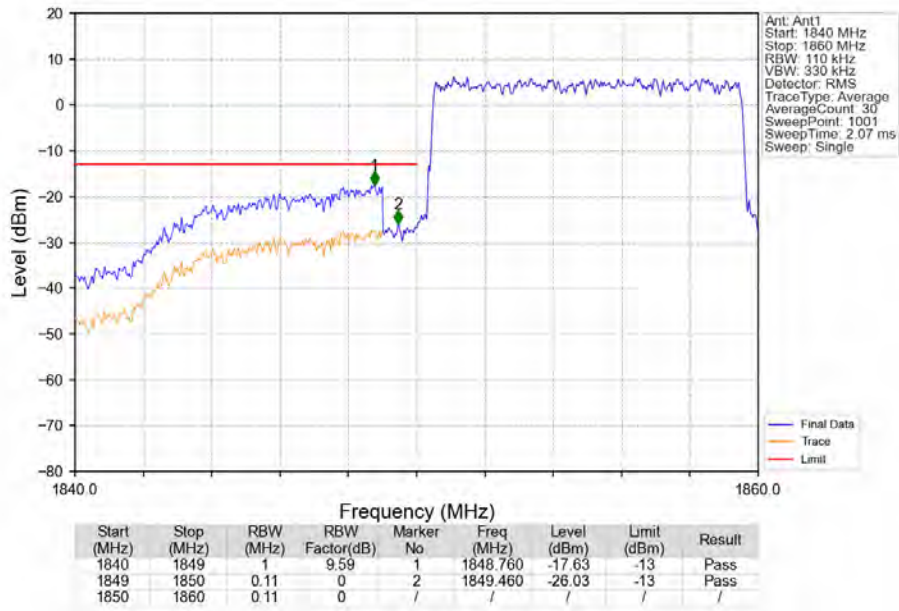


Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_1\_0\_NTNV

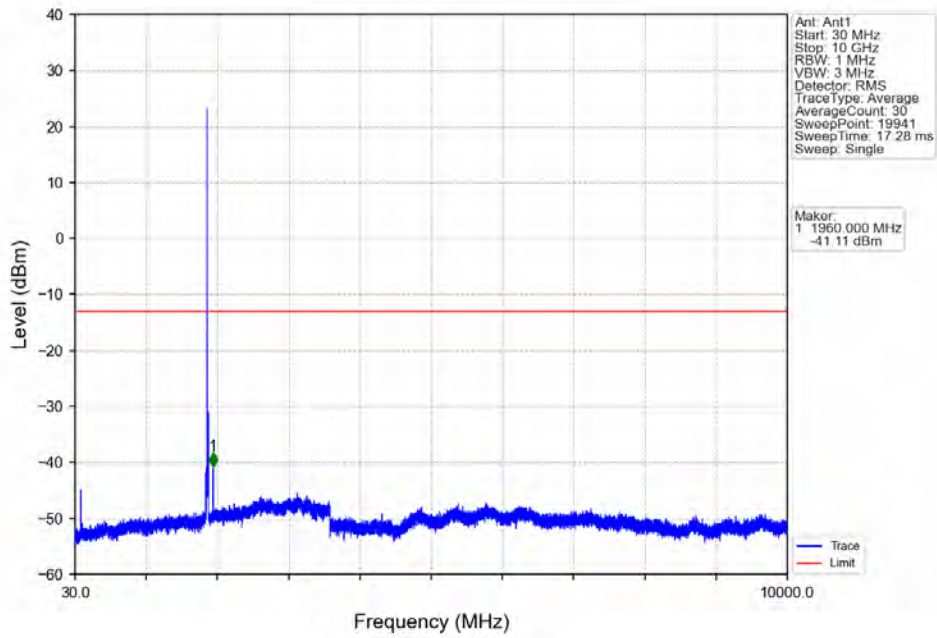




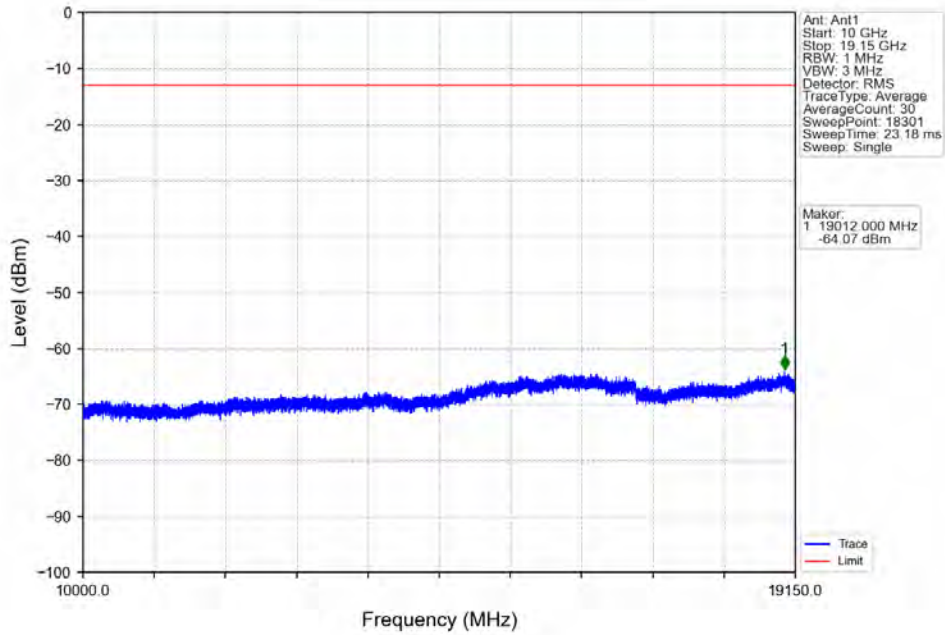
Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



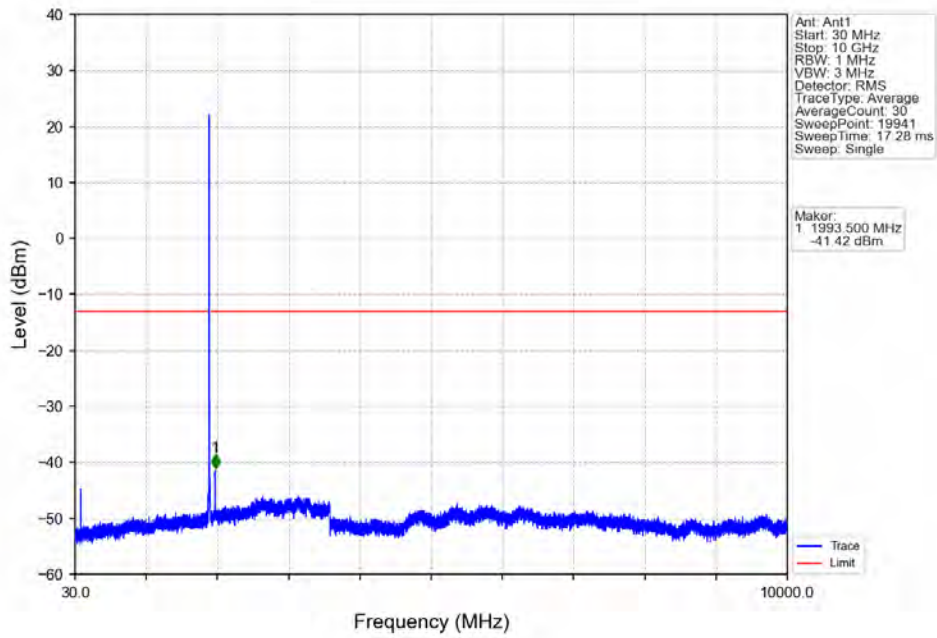
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



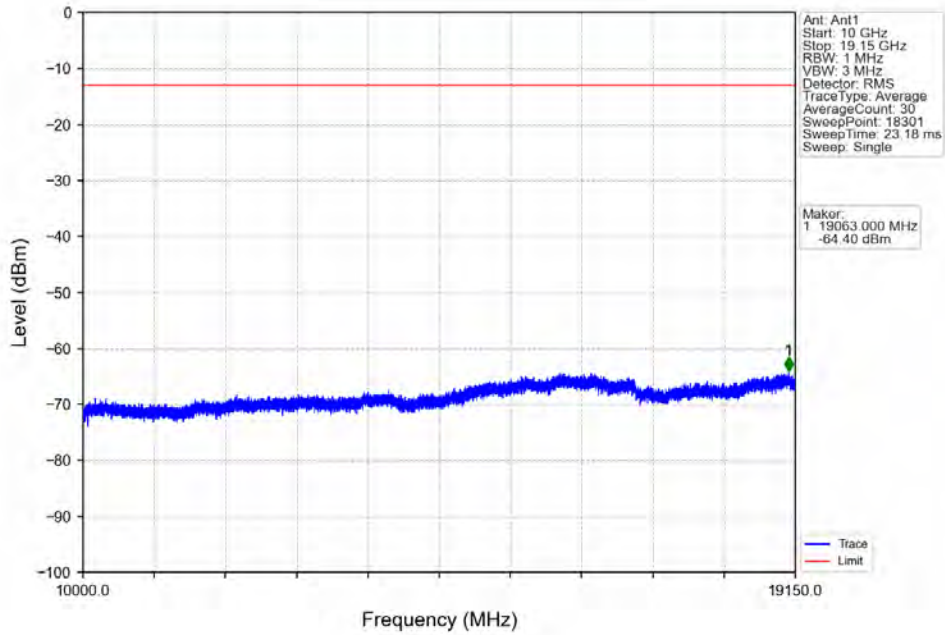
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



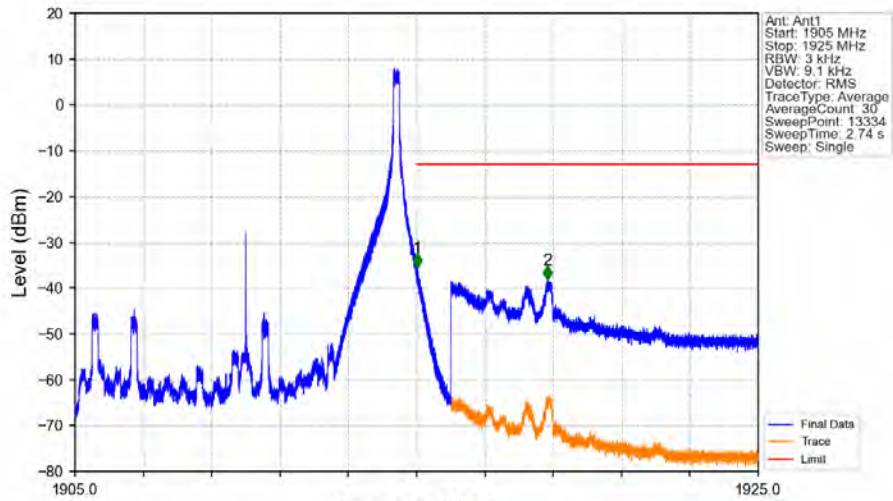
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_1\_0\_NTNV



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

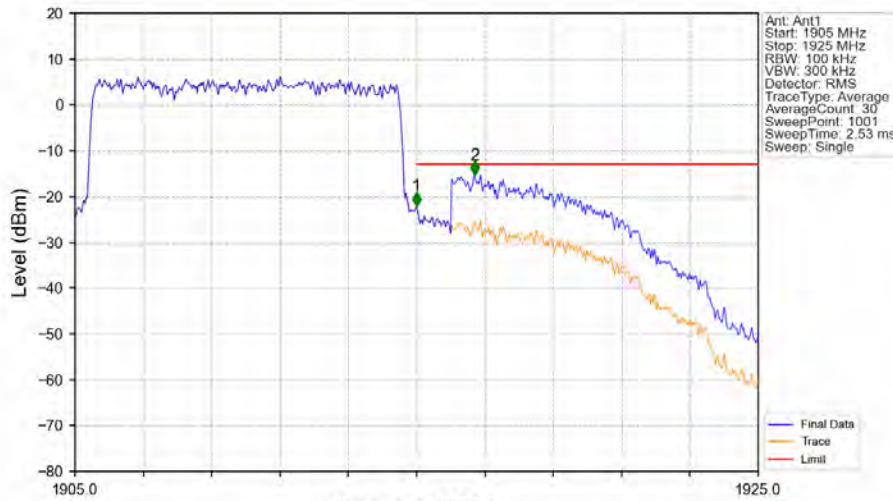


Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_1\_49\_NTNV



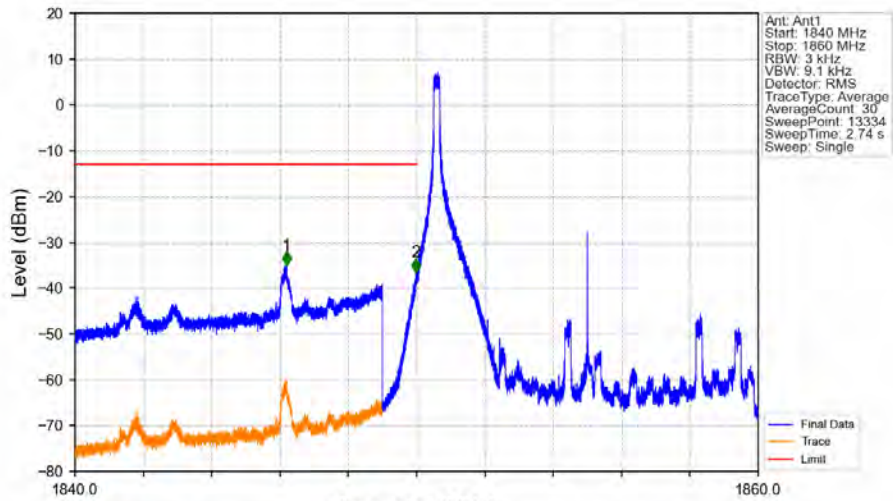
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1915	0.003	0	/	/	/	/	/
1915	1916	0.003	0	1	1915.025	-35.60	-13	Pass
1916	1925	1	25.23	2	1918.835	-38.20	-13	Pass

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



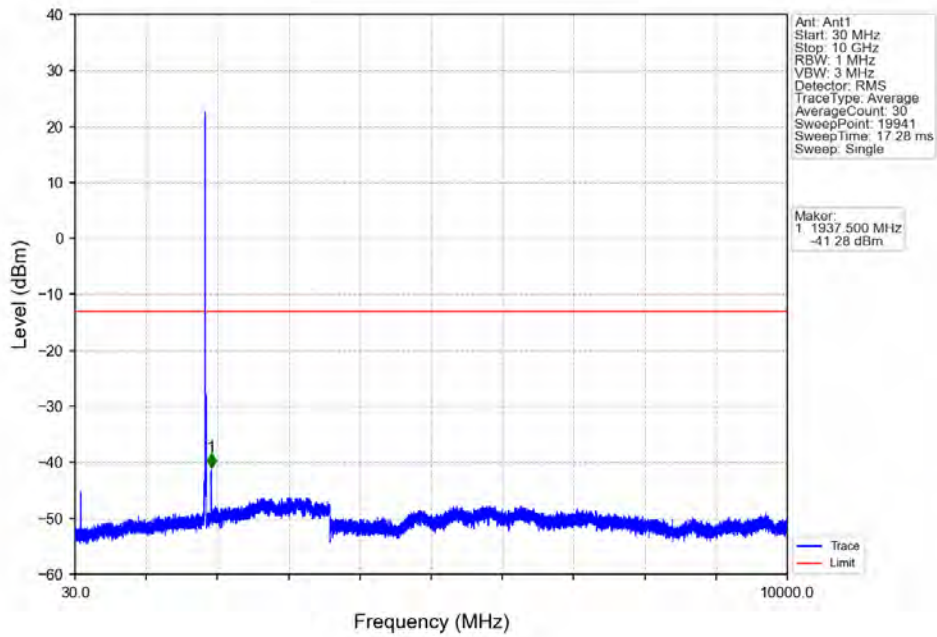
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1915	0.1	0	/	/	/	/	/
1915	1916	0.1	0	1	1915.000	-22.06	-13	Pass
1916	1925	1	10	2	1916.700	-15.26	-13	Pass

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

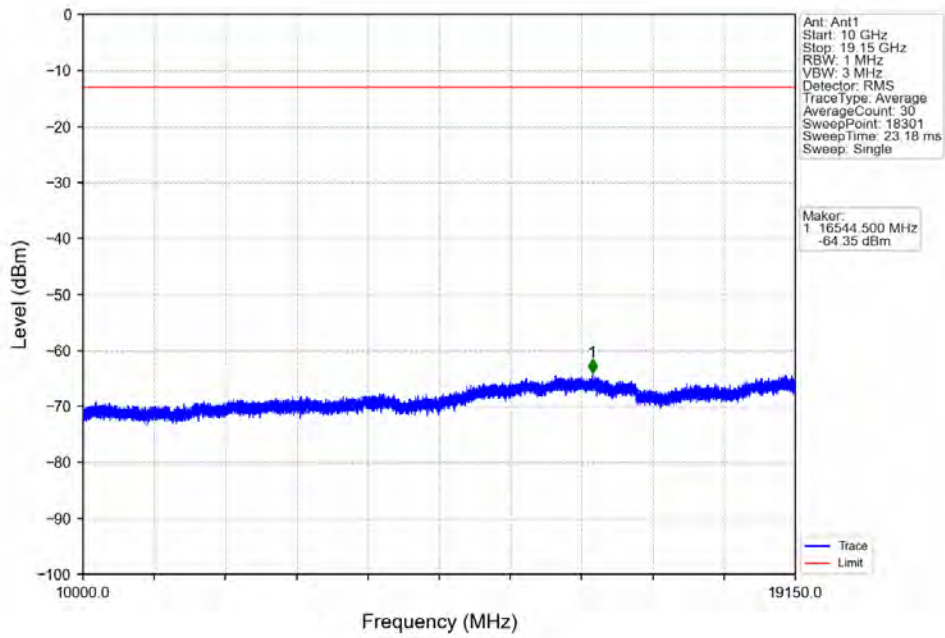


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	25.23	1	1846.194	-35.01	-13	Pass
1849	1850	0.003	0	2	1849.983	-36.53	-13	Pass
1850	1860	0.003	0	/	/	/	/	/

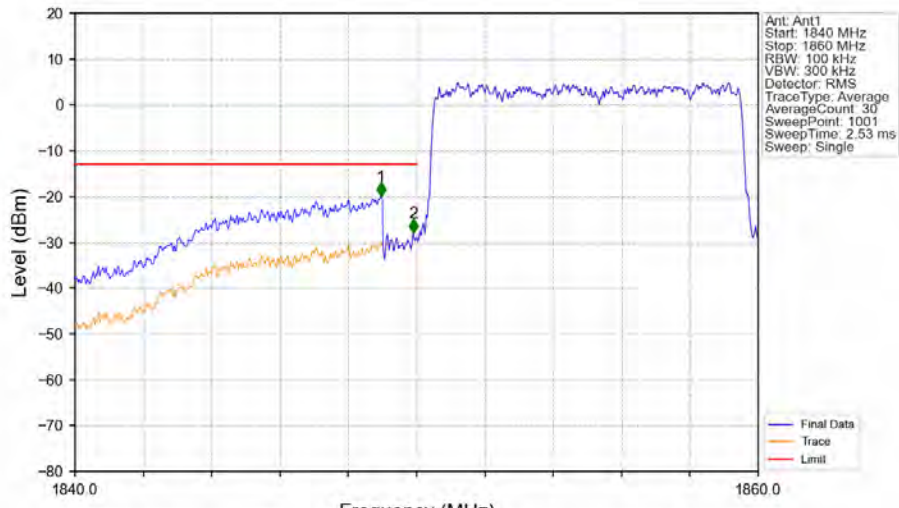
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV



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

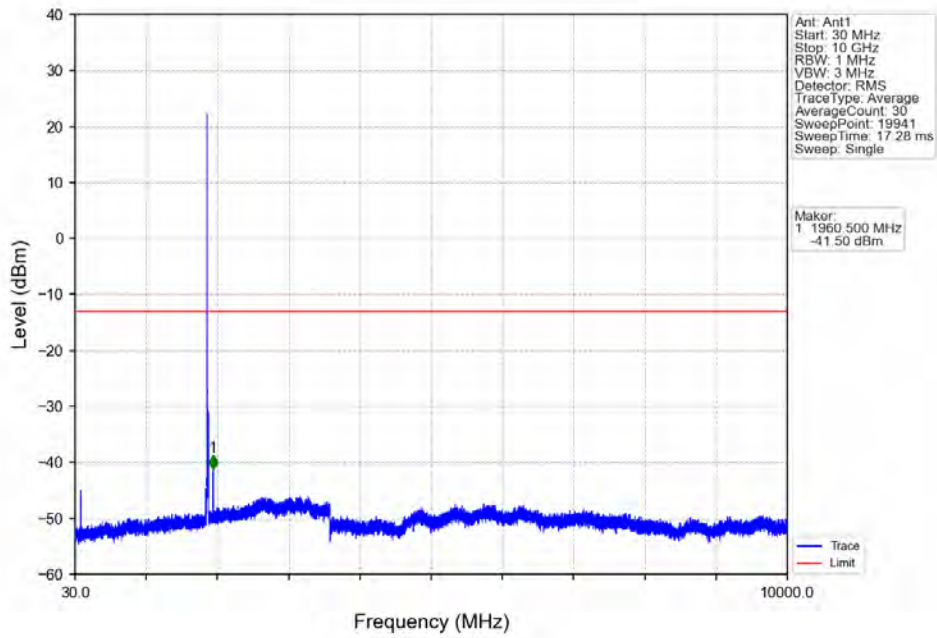


Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV

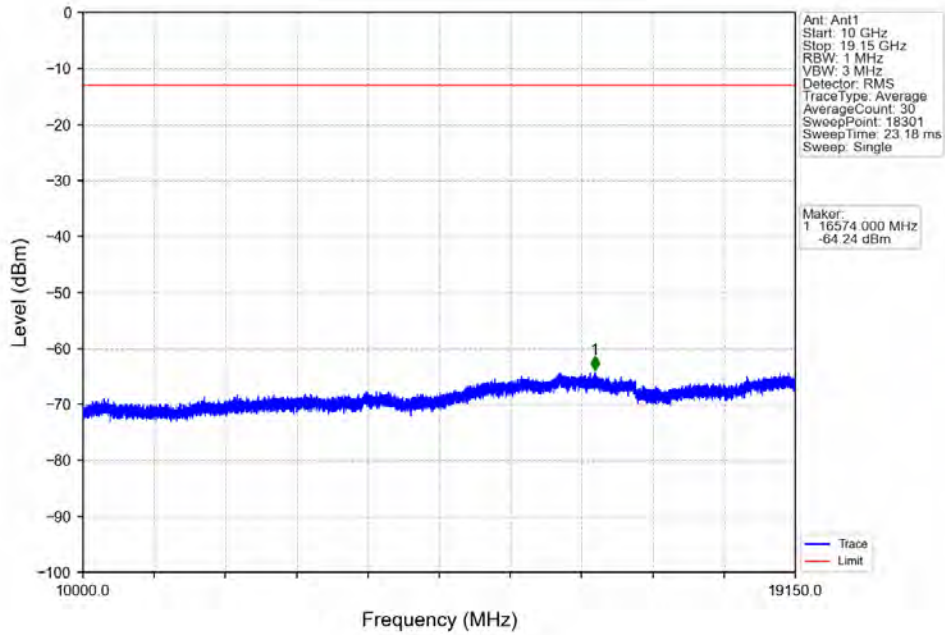


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	10	1	1848.960	-20.03	-13	Pass
1849	1850	0.1	0	2	1849.900	-28.05	-13	Pass
1850	1860	0.1	0	/	/	/	/	/

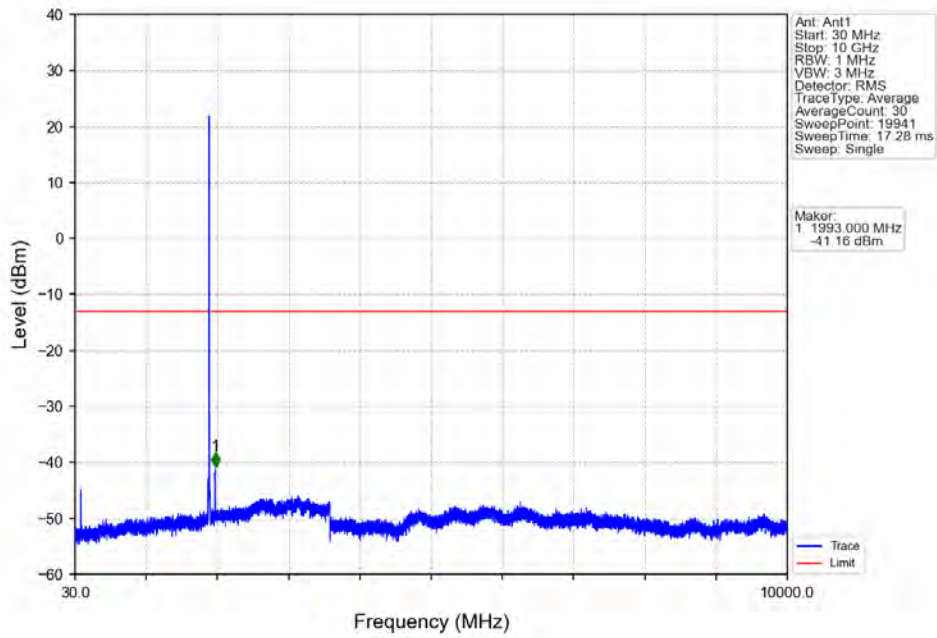
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



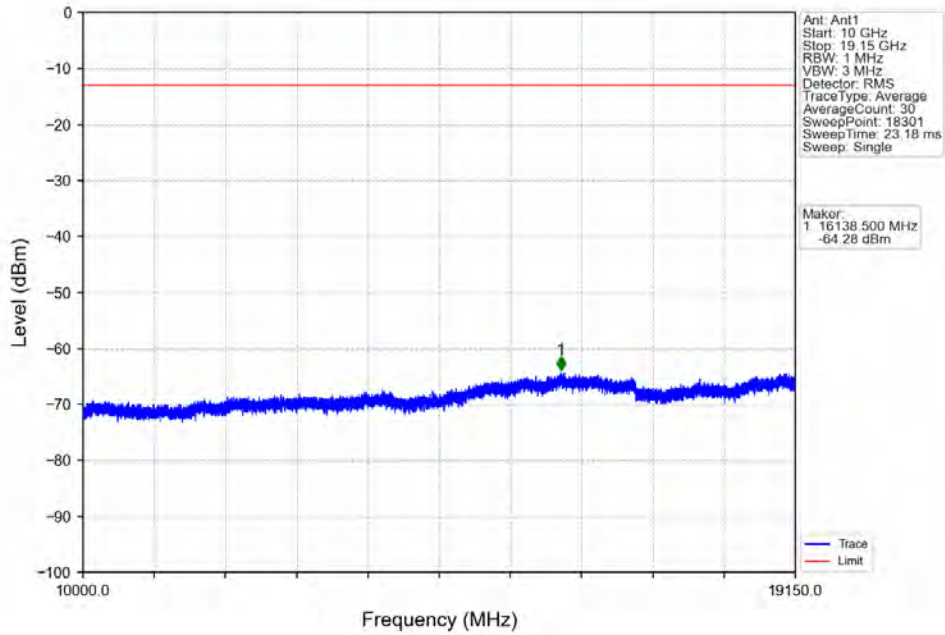
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



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

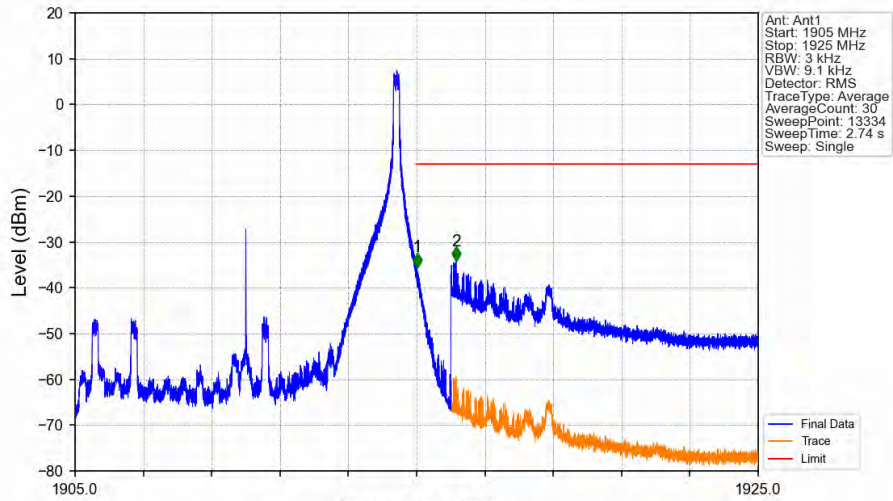


Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_1\_0\_NTNV



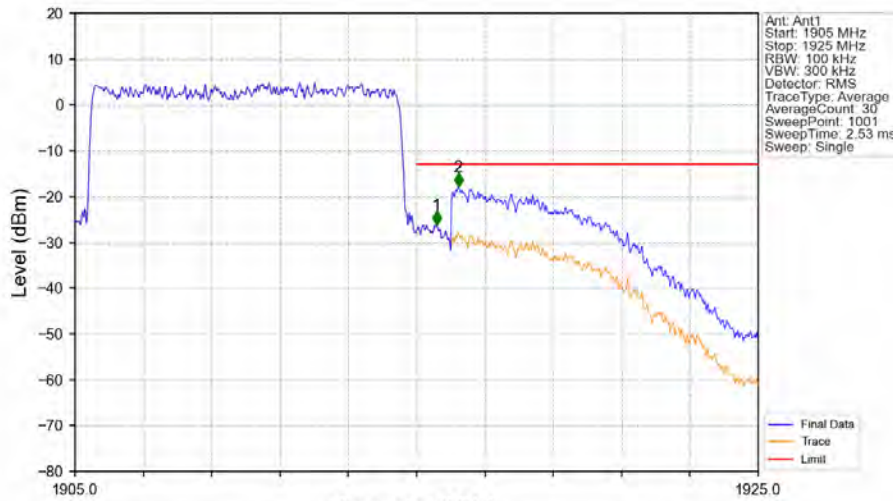
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_1\_49\_NTNV





Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1915	0.003	0	/	/	/	/	/
1915	1916	0.003	0	1	1915.014	-35.49	-13	Pass
1916	1925	1	25.23	2	1916.154	-34.22	-13	Pass

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



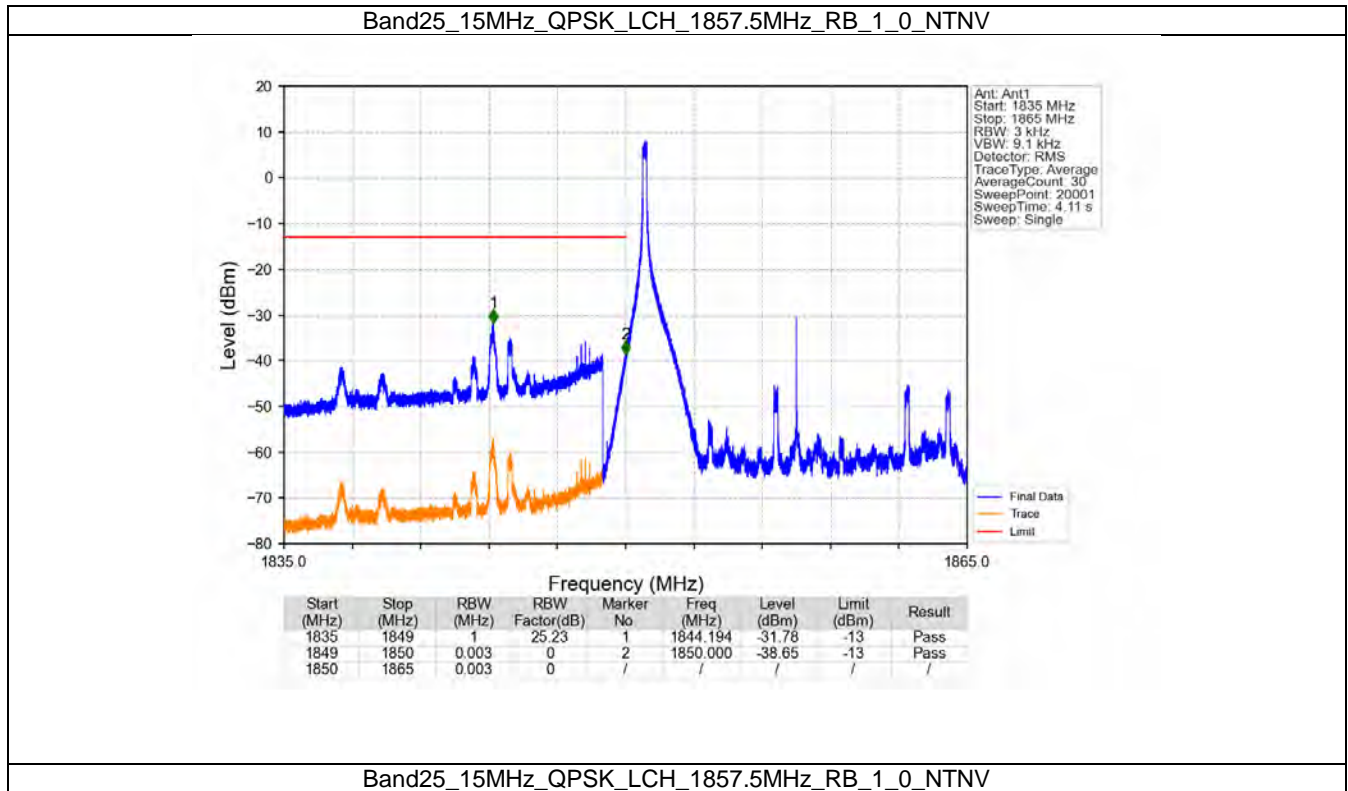
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1915	0.1	0	/	/	/	/	/
1915	1916	0.1	0	1	1915.580	-26.23	-13	Pass
1916	1925	1	10	2	1916.220	-17.86	-13	Pass

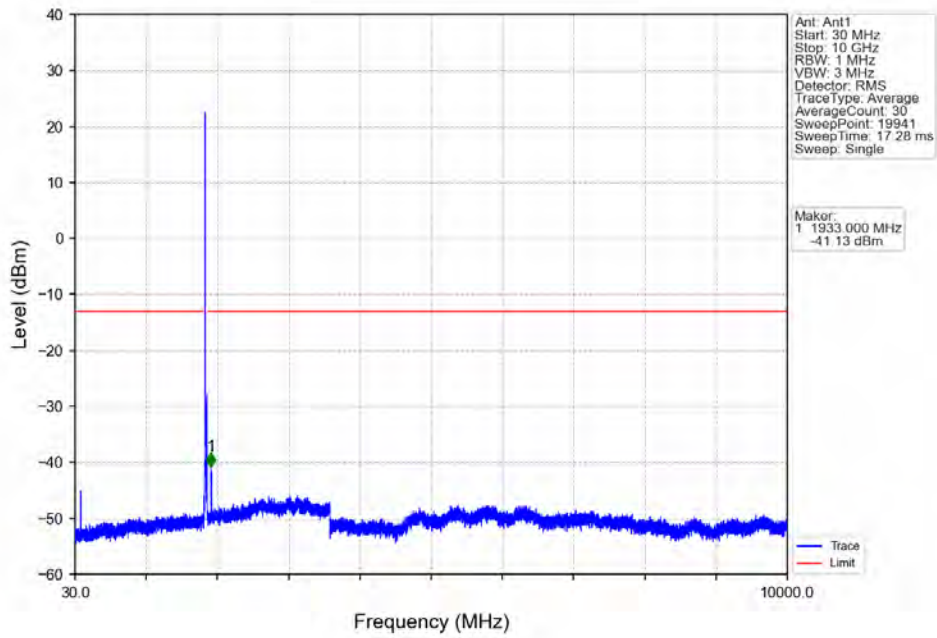
6.5 B25\_15MHz

### 6.5.1 Test Result

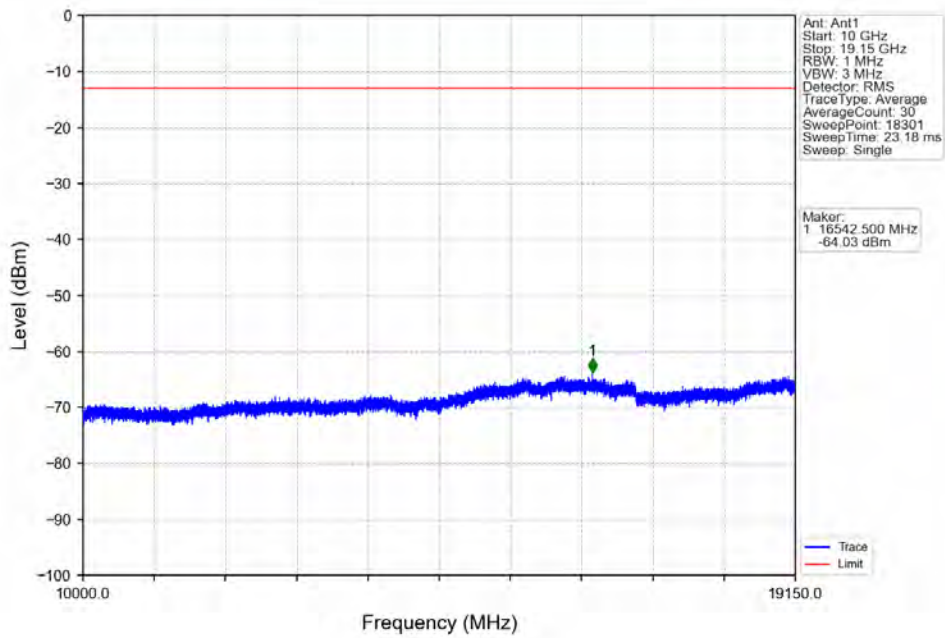
Band: 25 / Bandwidth: 15MHz / NTV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1857.5	1	0	Refer To Test Graph		Pass	
		75	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1907.5	1	0	Refer To Test Graph		Pass
			75	74	Refer To Test Graph		Pass
16QAM	1857.5	1	0	Refer To Test Graph		Pass	
		75	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1907.5	1	0	Refer To Test Graph		Pass
			75	74	Refer To Test Graph		Pass

### 6.5.2 Test Graph

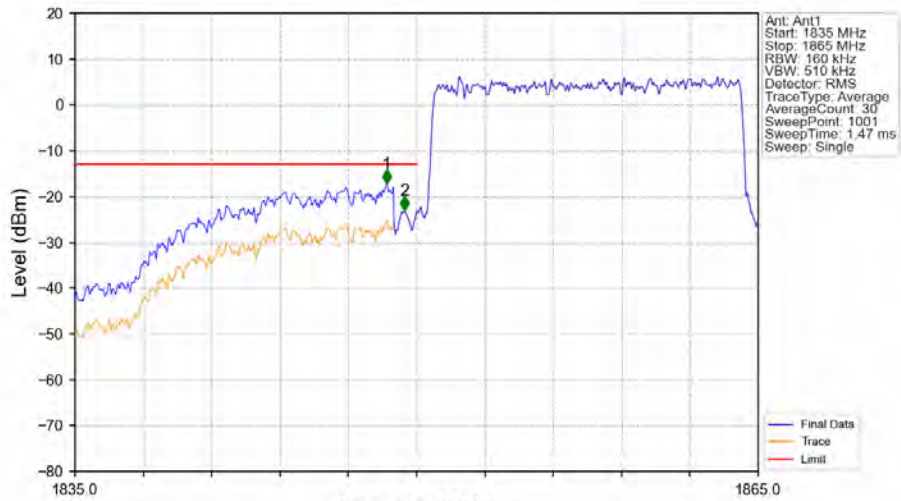




Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV

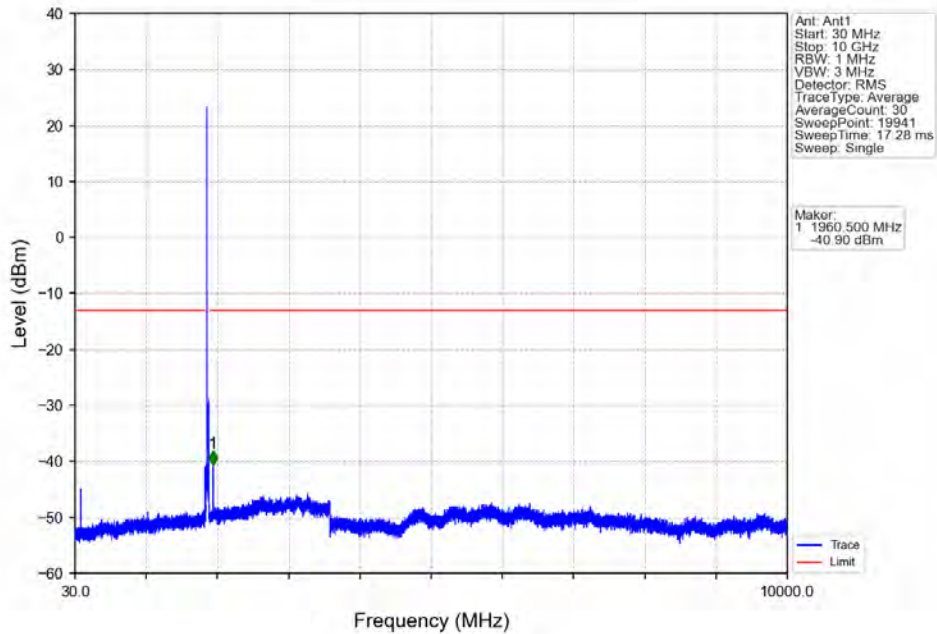


Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

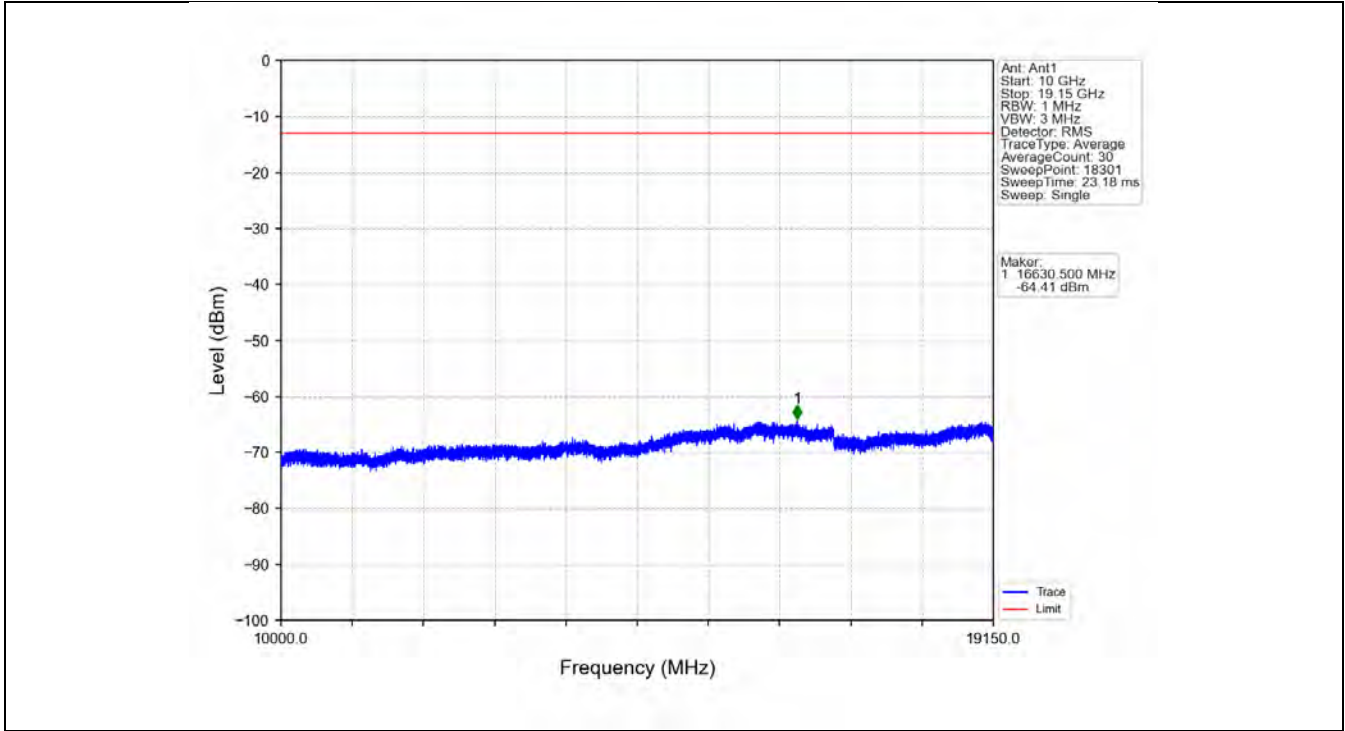


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	7.96	1	1848.680	-17.17	-13	Pass
1849	1850	0.16	0	2	1849.460	-23.05	-13	Pass
1850	1865	0.16	0	/	/	/	/	/

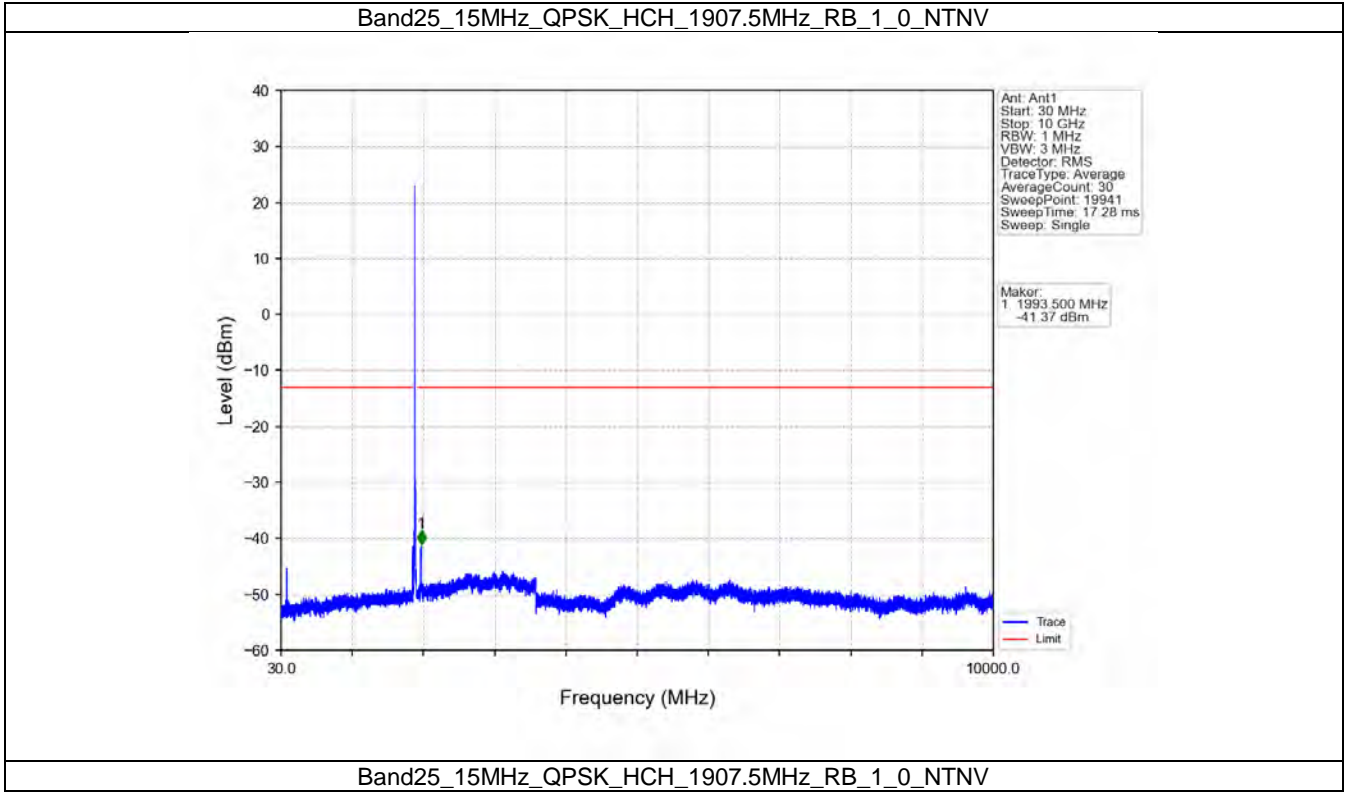
Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



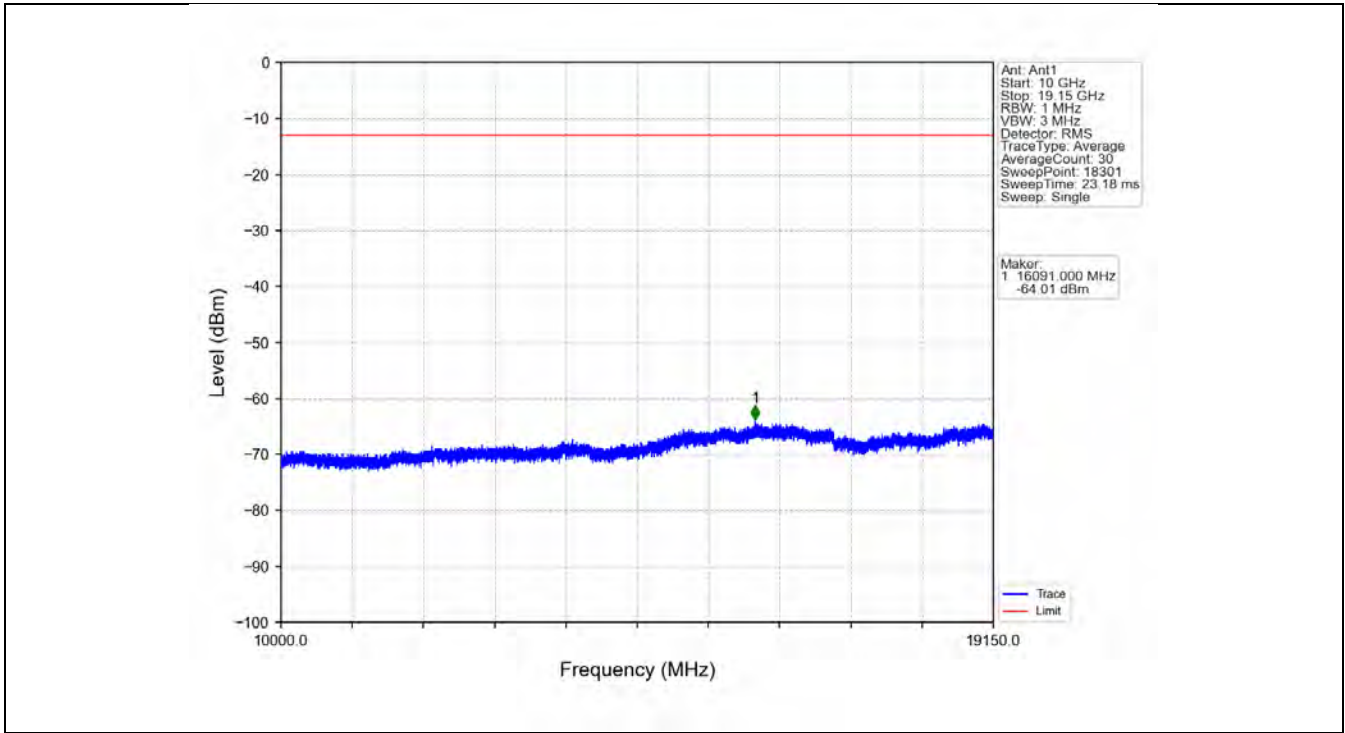
Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



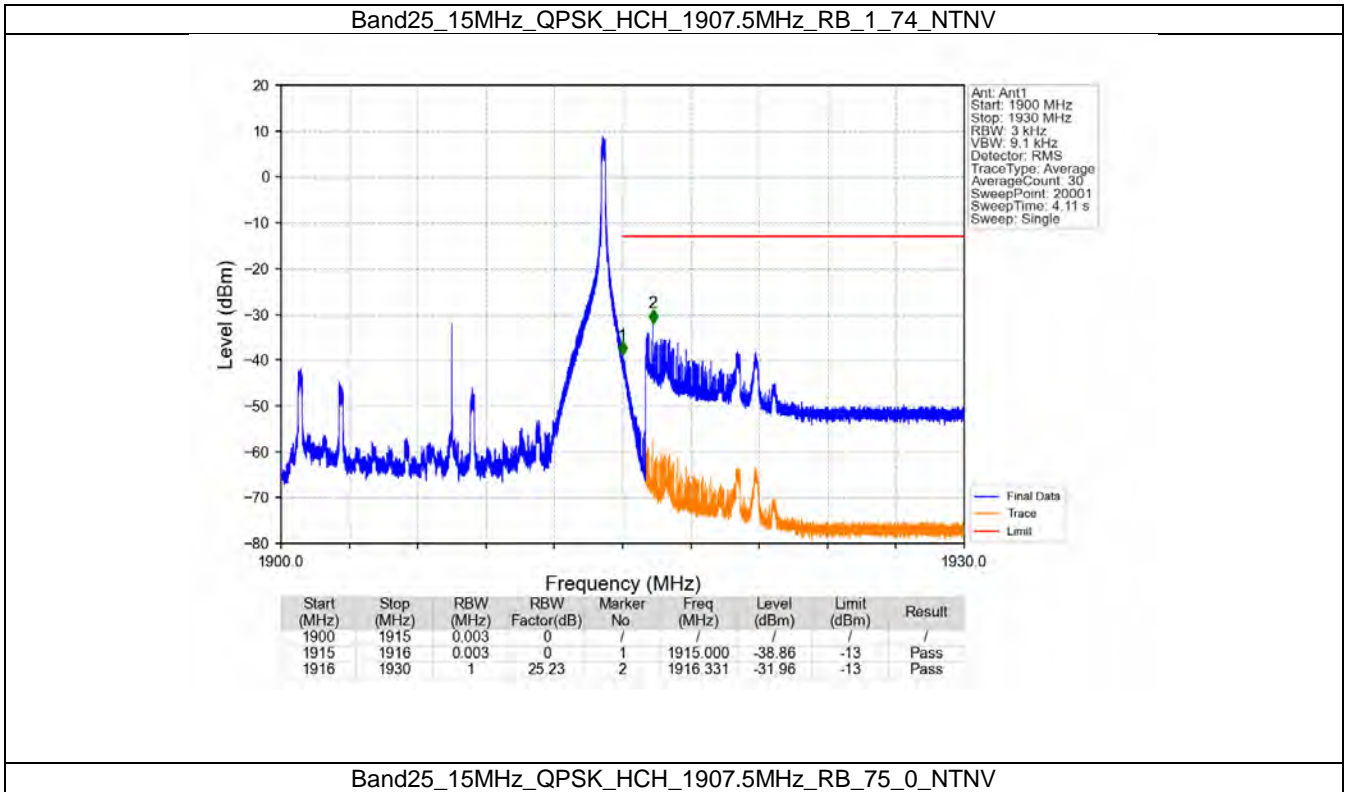
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



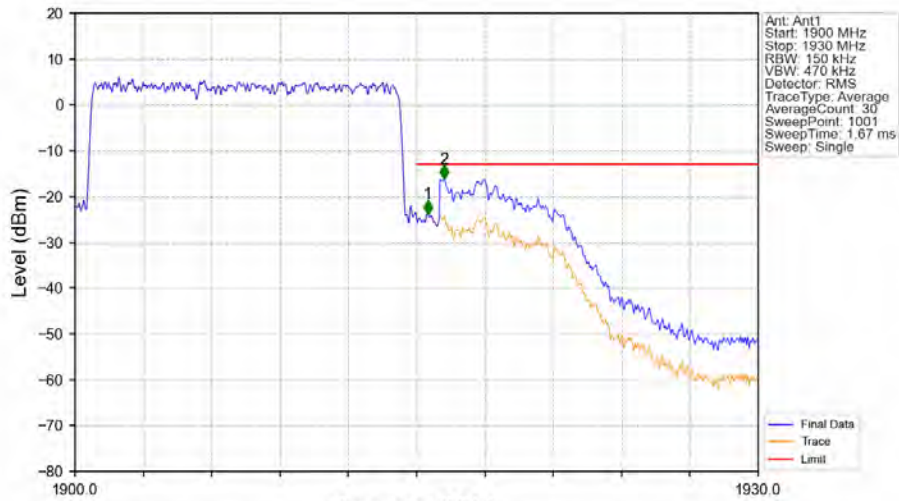
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



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

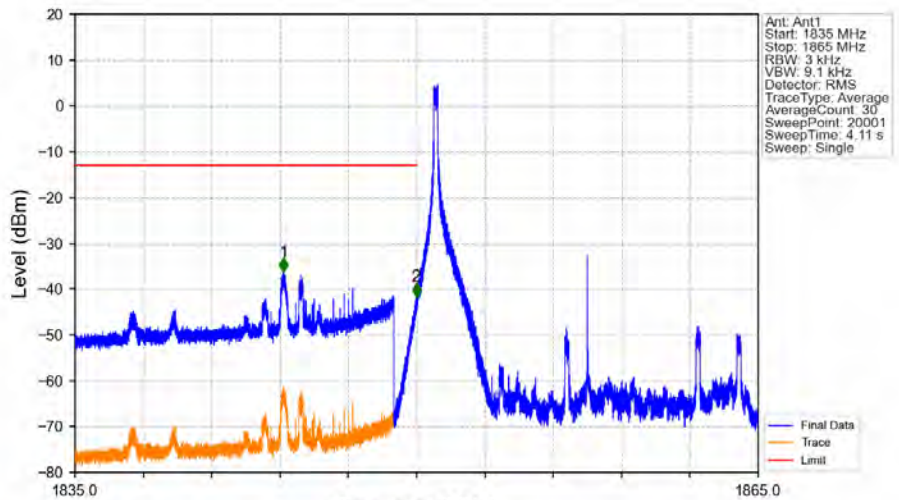


Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



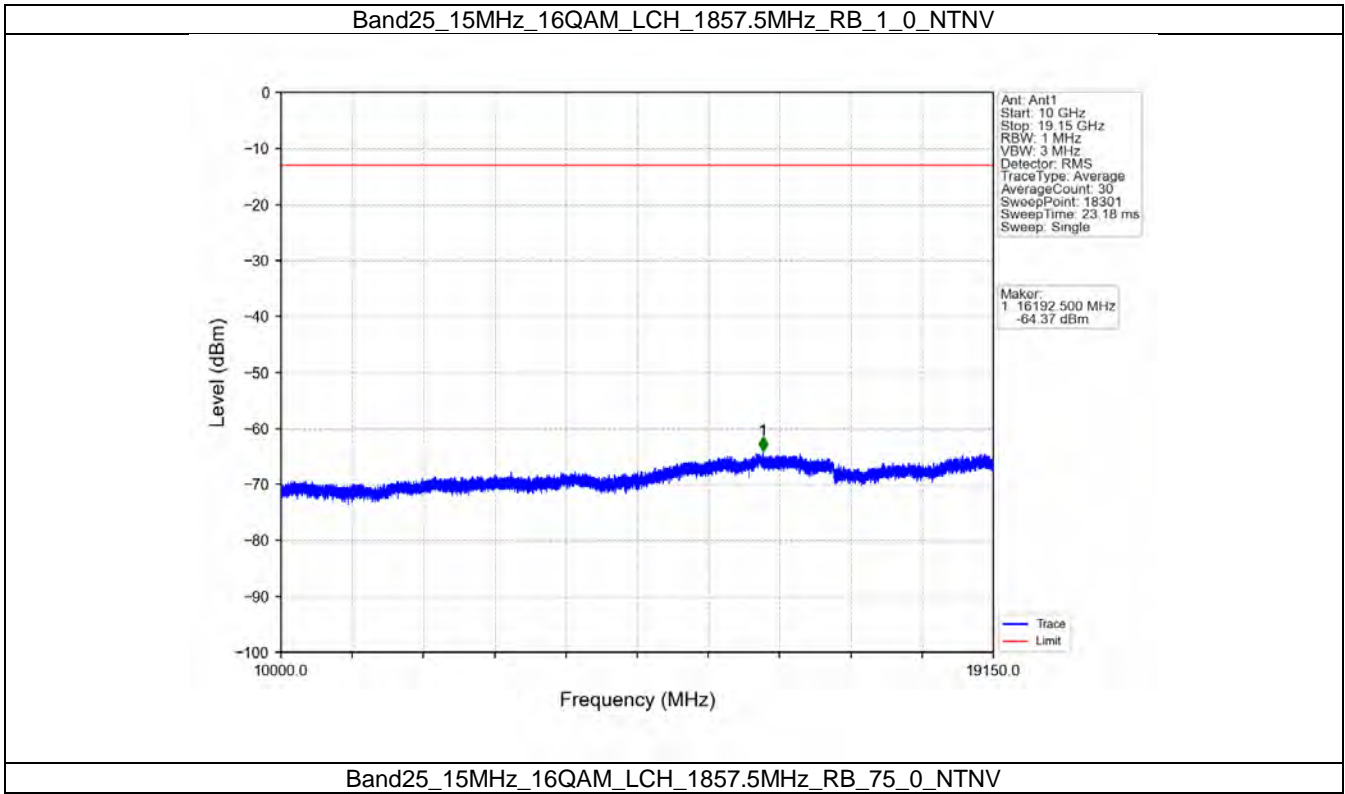
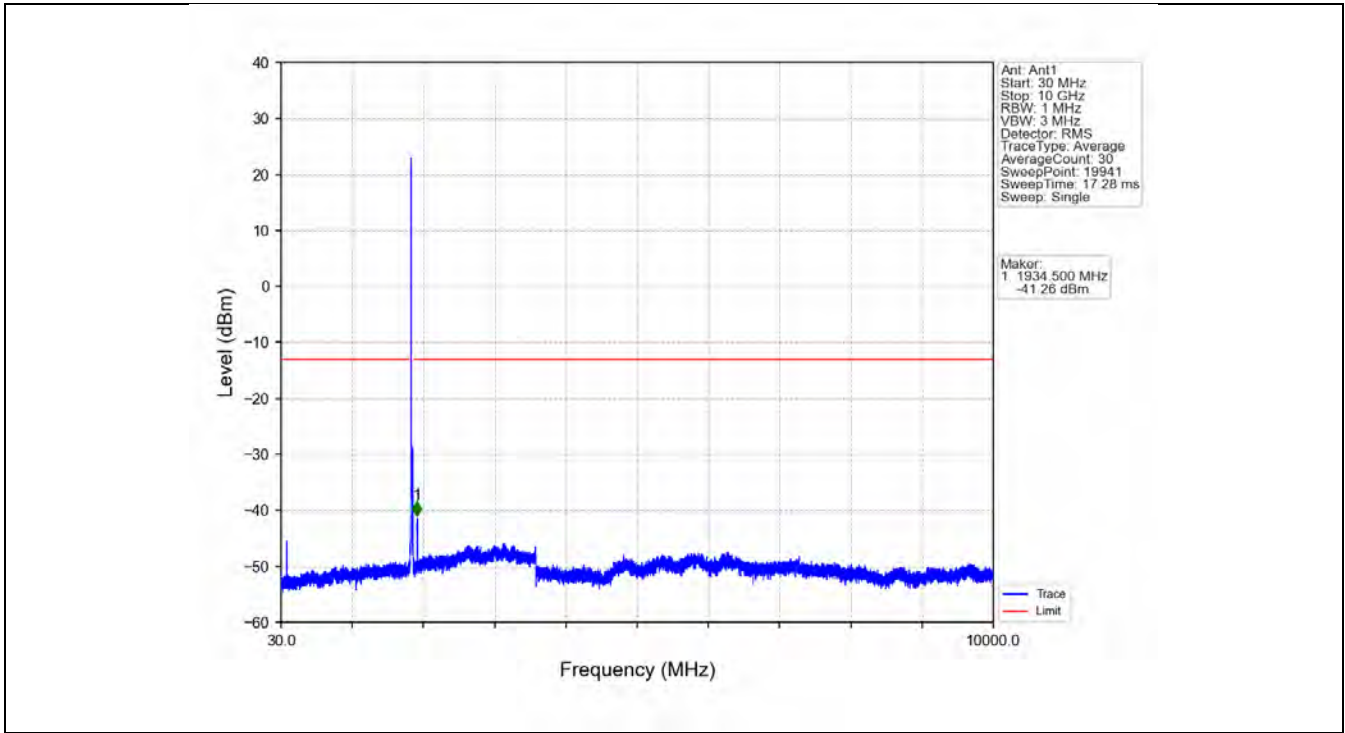
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.15	0	/	/	/	/	/
1915	1916	0.15	0	1	1915.480	-23.83	-13	Pass
1916	1930	1	8.24	2	1916.200	-16.12	-13	Pass

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

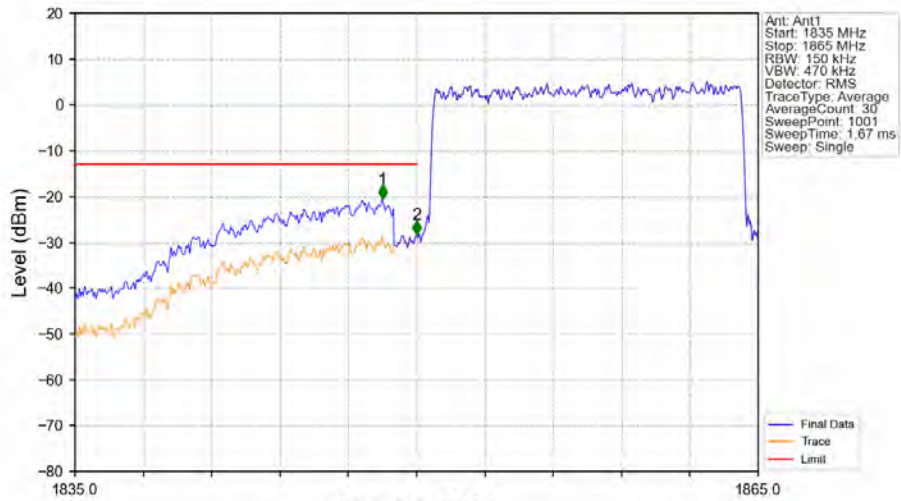


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	25.23	1	1844.151	-36.22	-13	Pass
1849	1850	0.003	0	2	1849.985	-41.66	-13	Pass
1850	1865	0.003	0	/	/	/	/	/

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

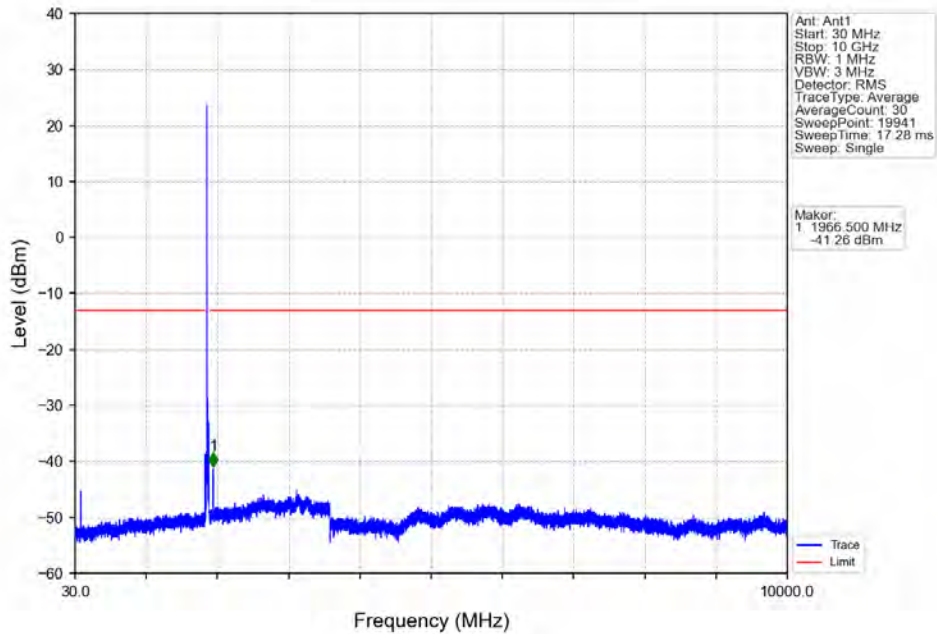




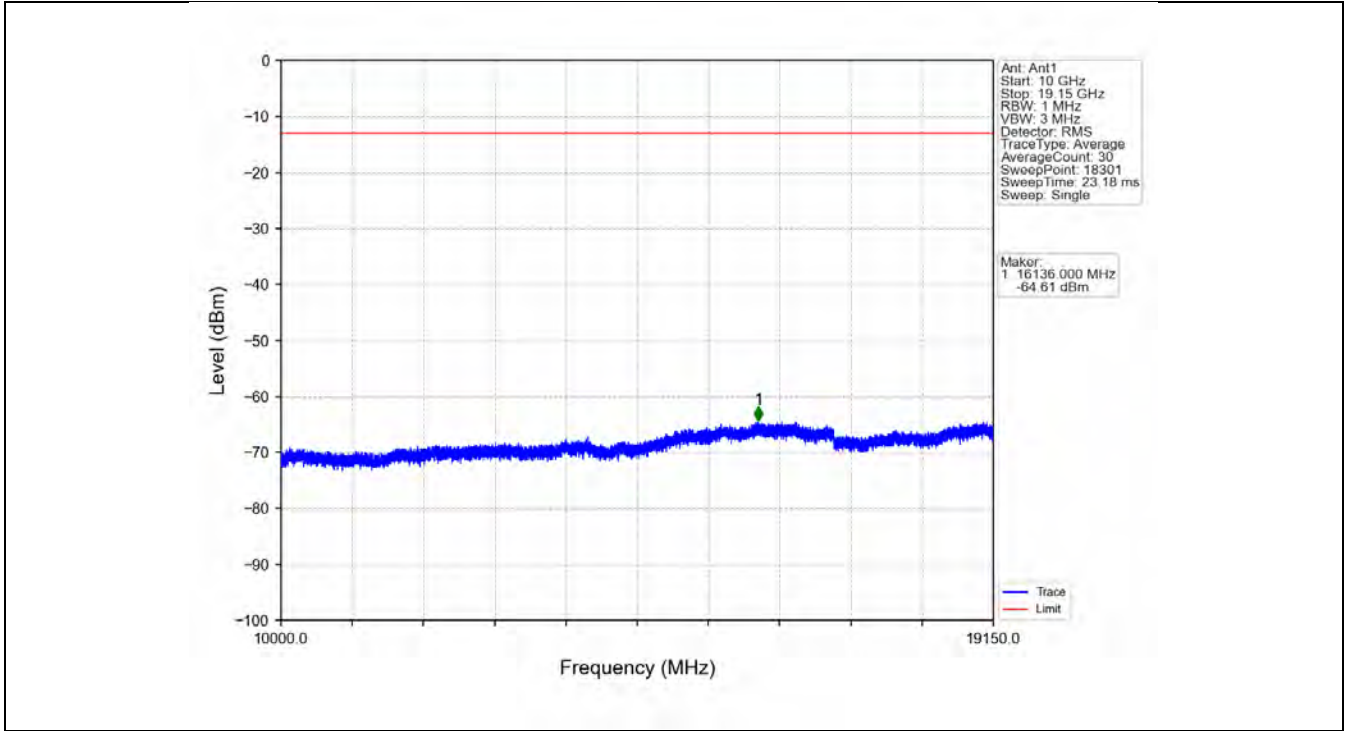


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	8.24	1	1848.500	-20.56	-13	Pass
1849	1850	0.15	0	2	1850.000	-28.36	-13	Pass
1850	1865	0.15	0	/	/	/	/	/

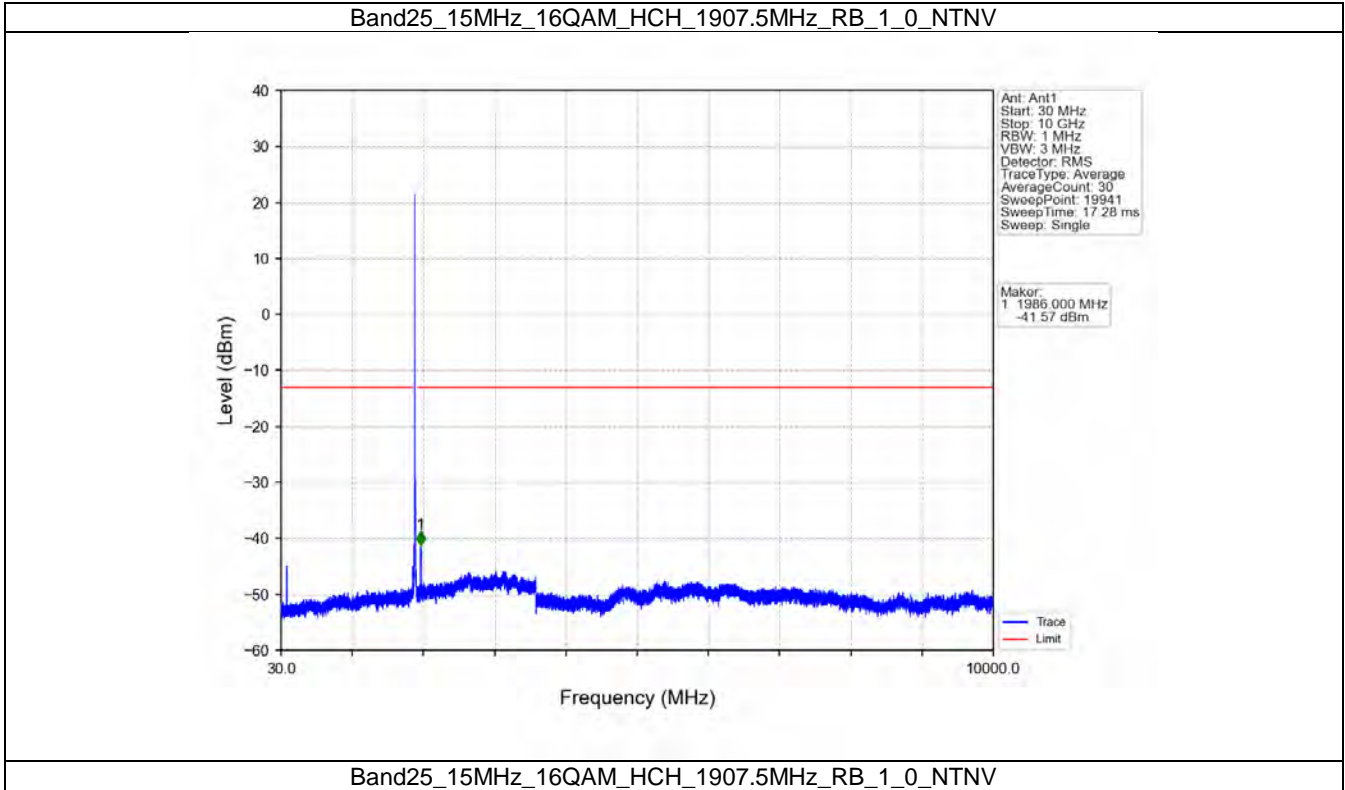
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



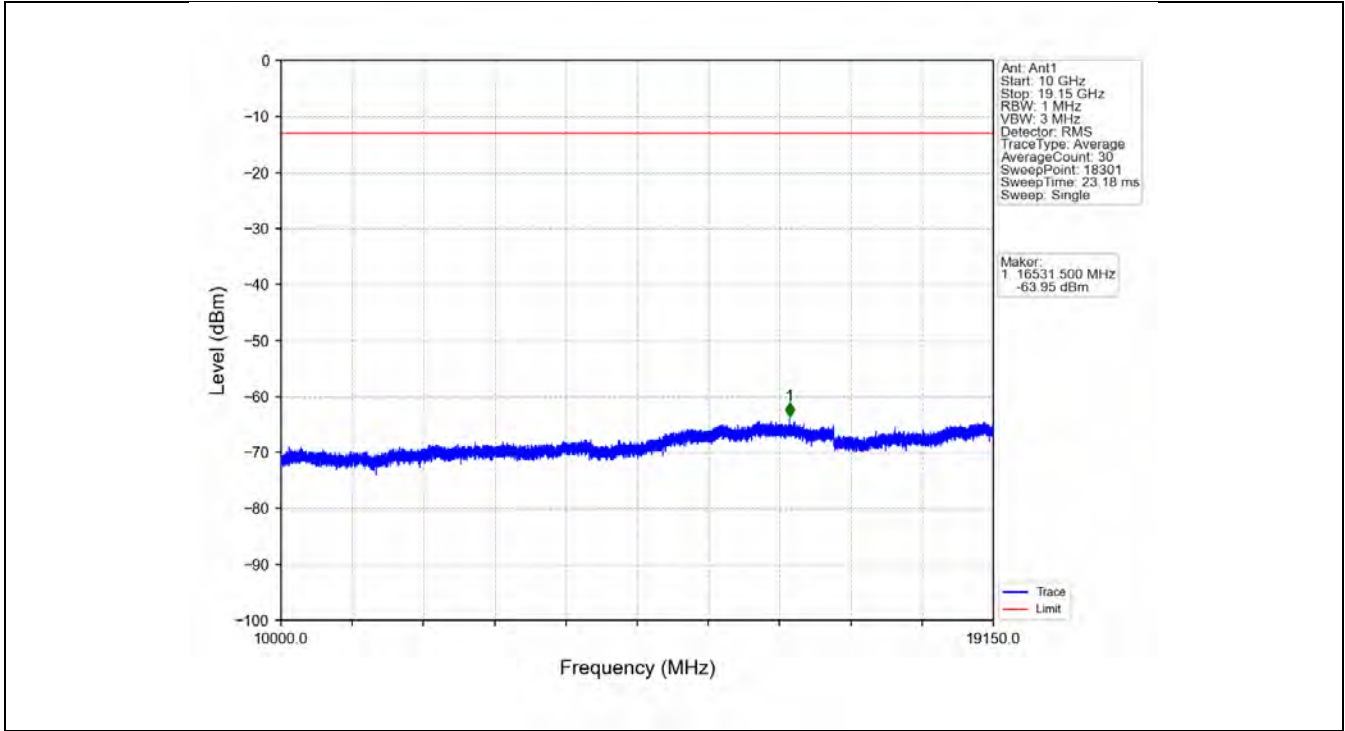
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



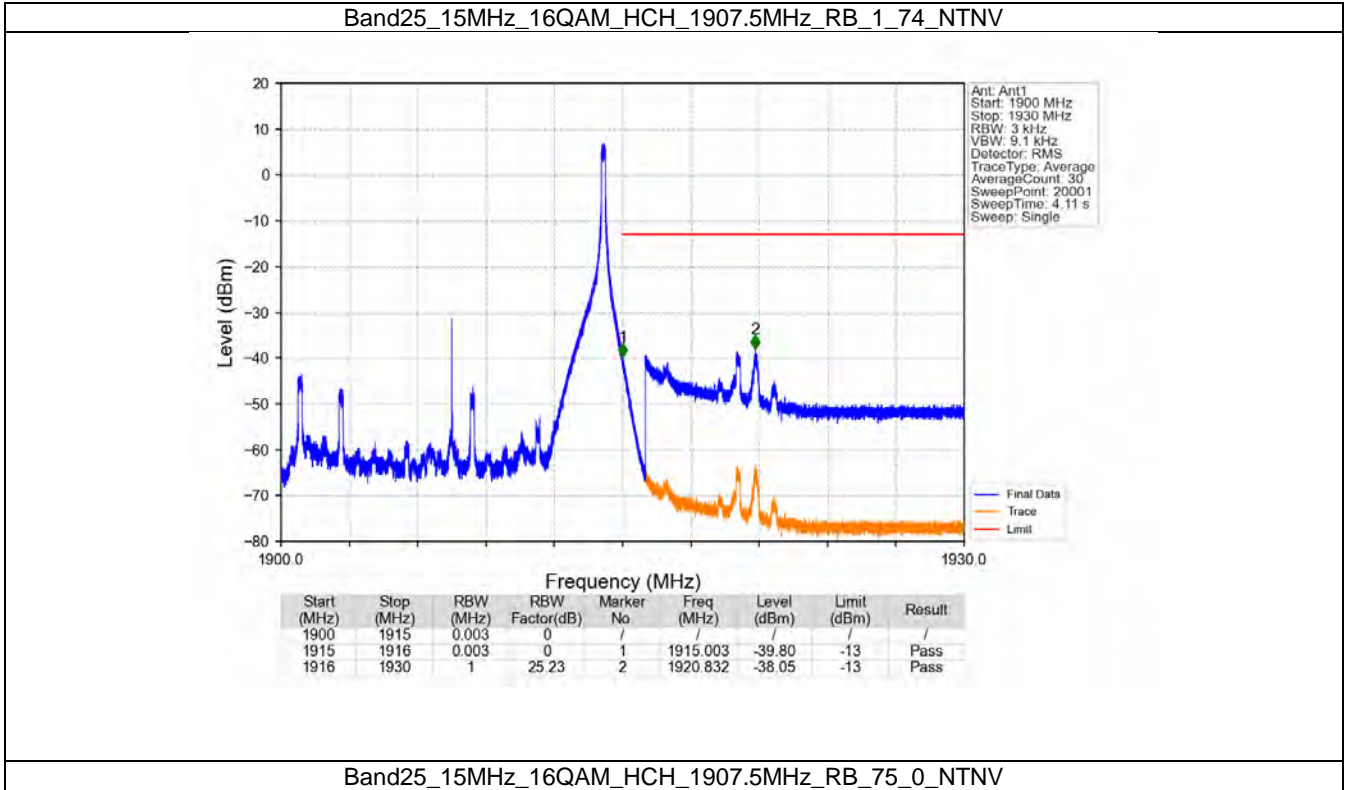
Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



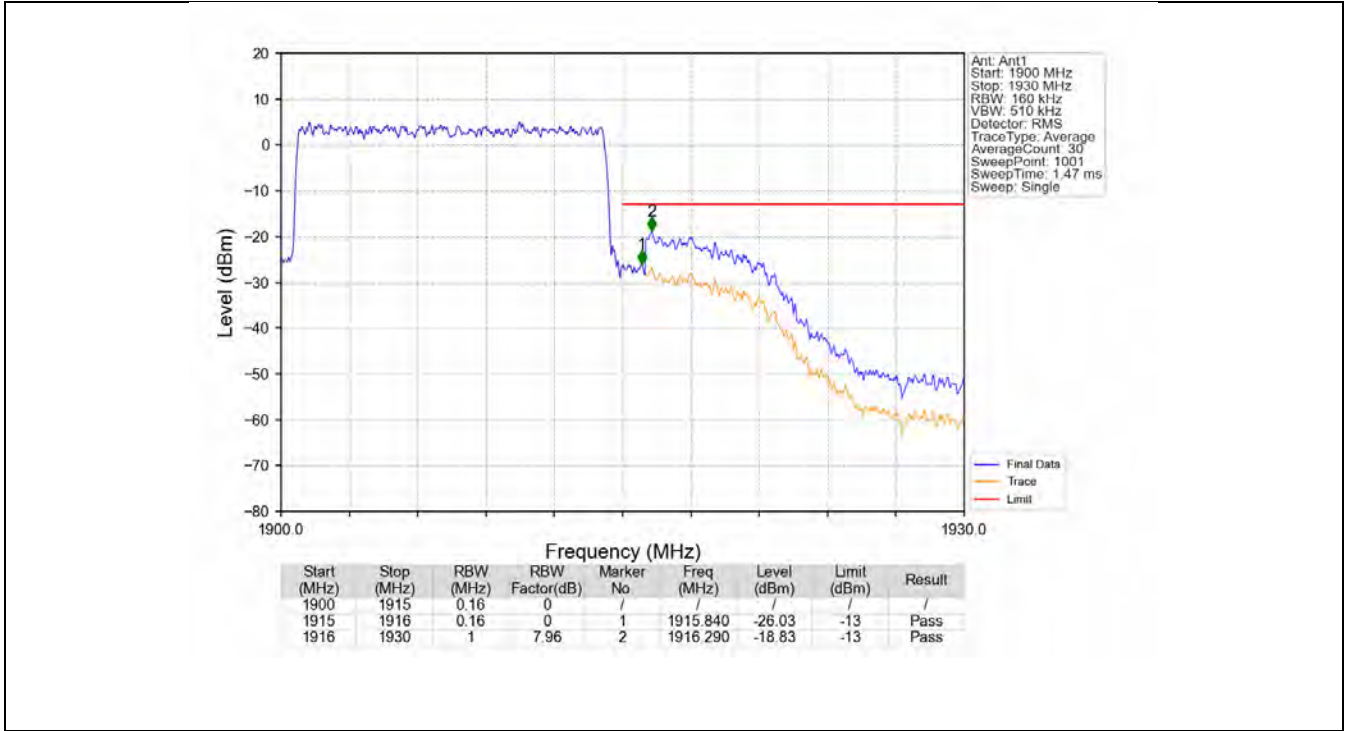
Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



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



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



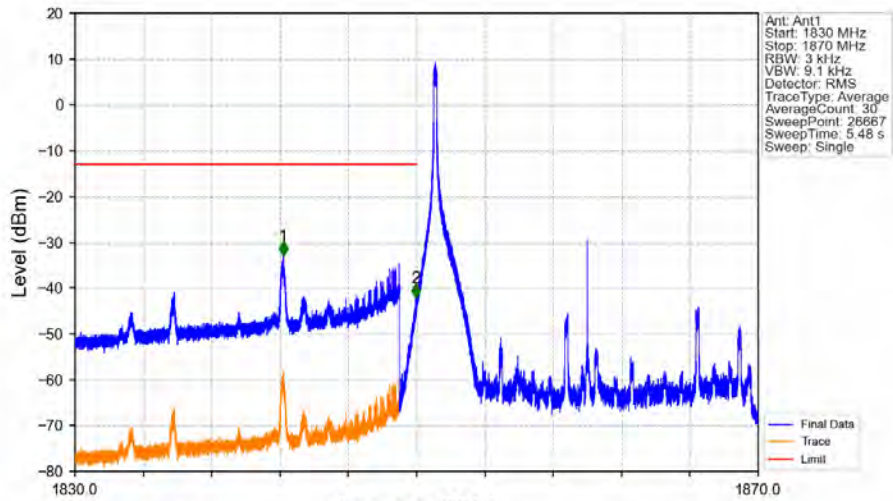
## 6.6 B25\_20MHz

### 6.6.1 Test Result

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

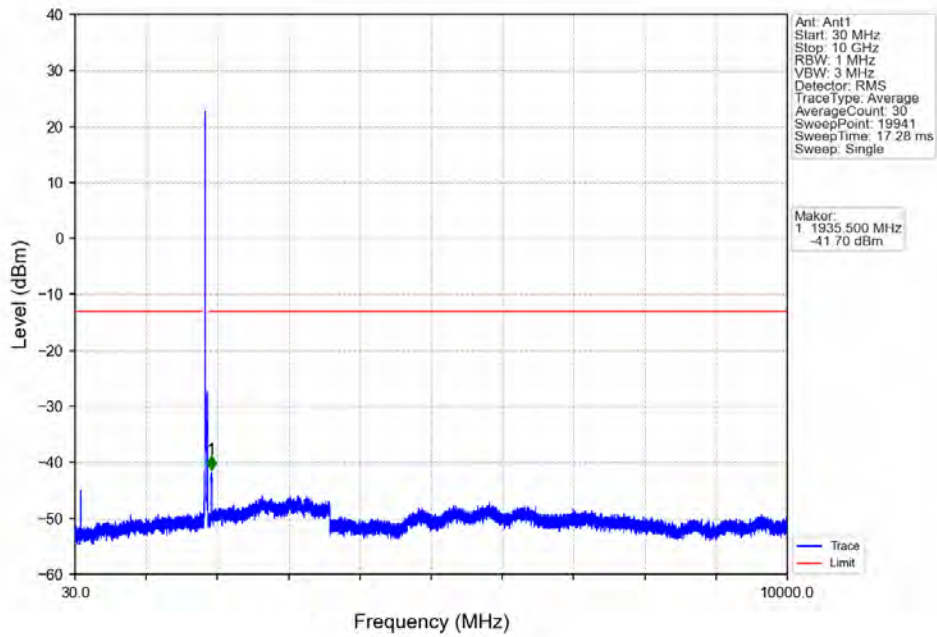
### 6.6.2 Test Graph

Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTV
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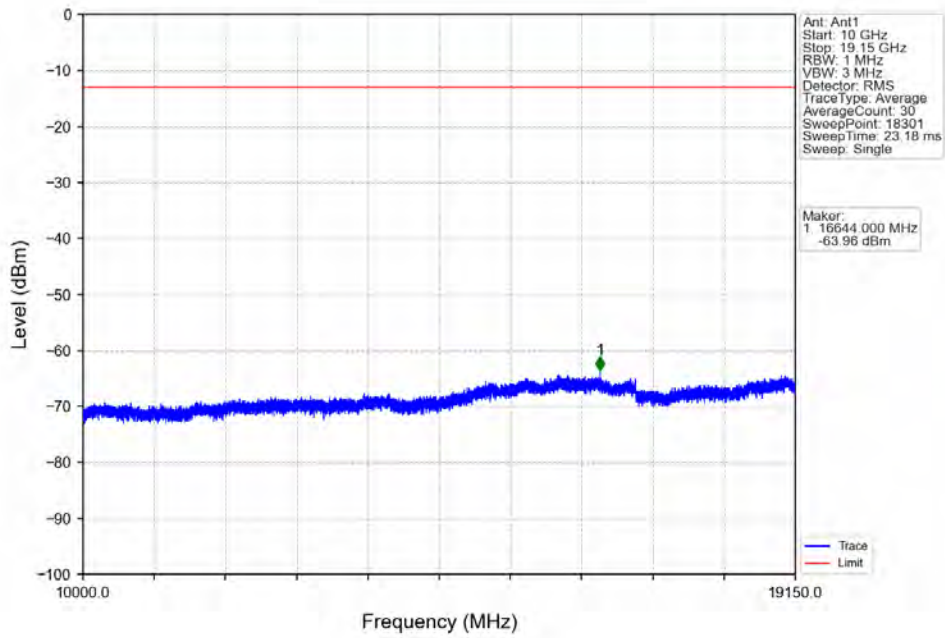


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	25.23	1	1842.194	-32.99	-13	Pass
1849	1850	0.003	0	2	1849.953	-42.11	-13	Pass
1850	1870	0.003	0	/	/	/	/	/

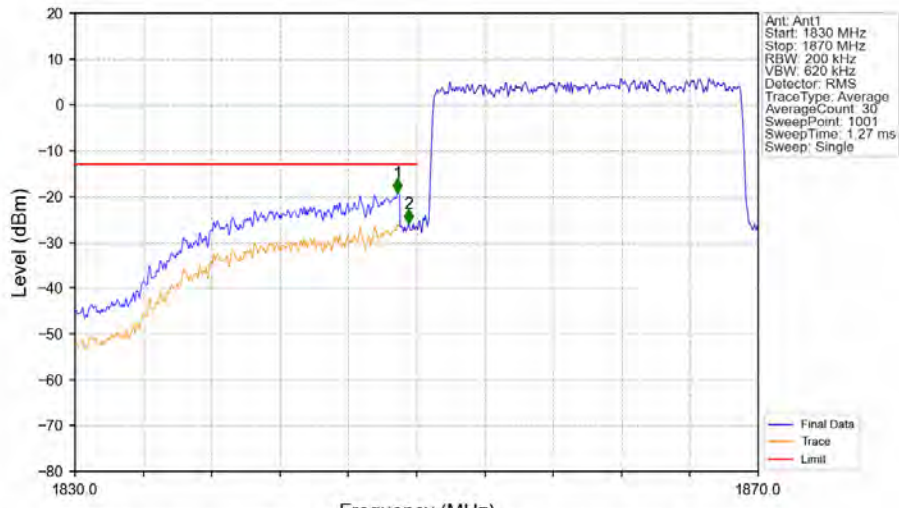
Band25\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_1\_0\_NTNV



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

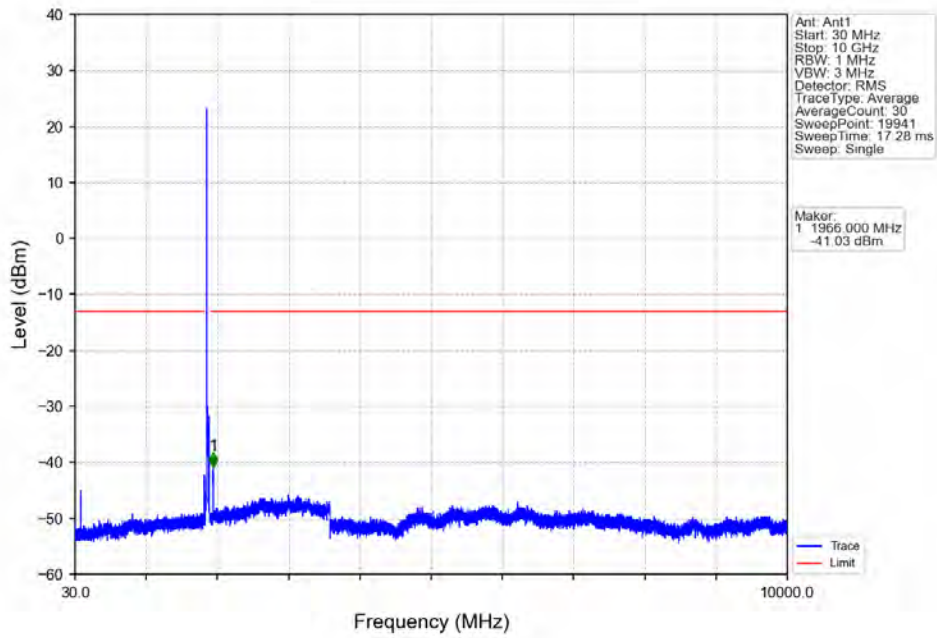


Band25\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV

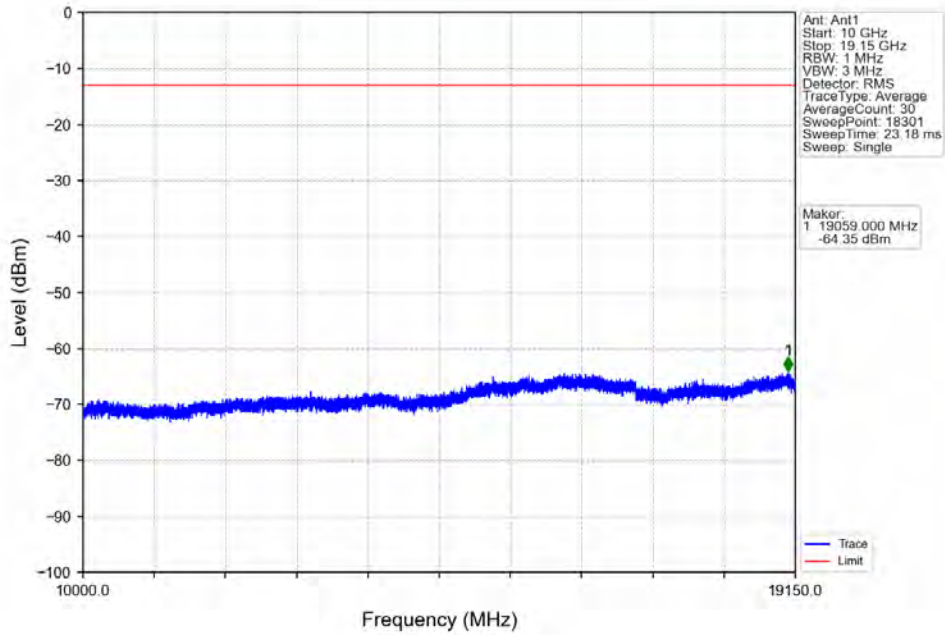


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	6.99	1	1848.880	-19.13	-13	Pass
1849	1850	0.2	0	2	1849.520	-25.87	-13	Pass
1850	1870	0.2	0	/	/	/	/	/

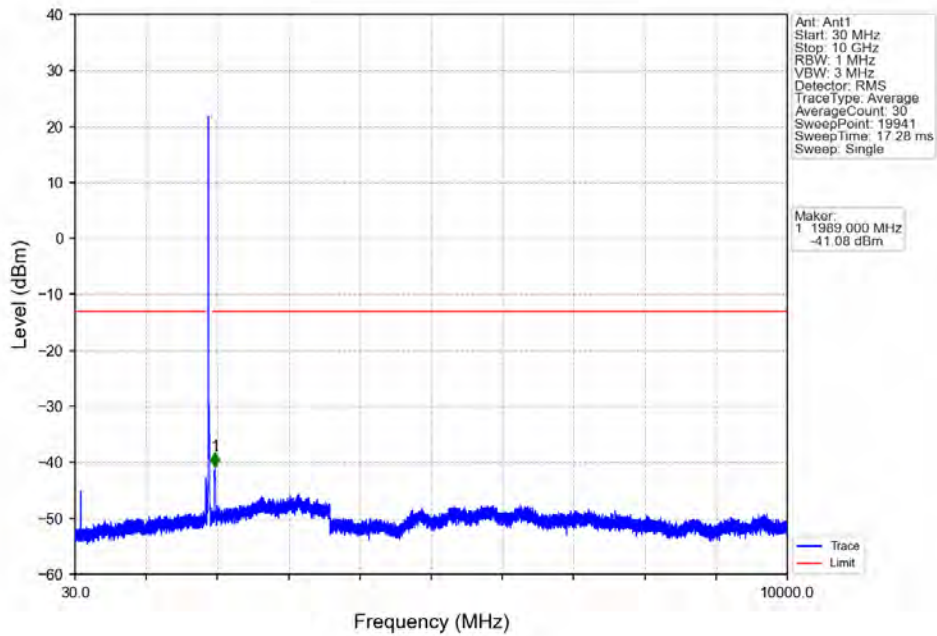
Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



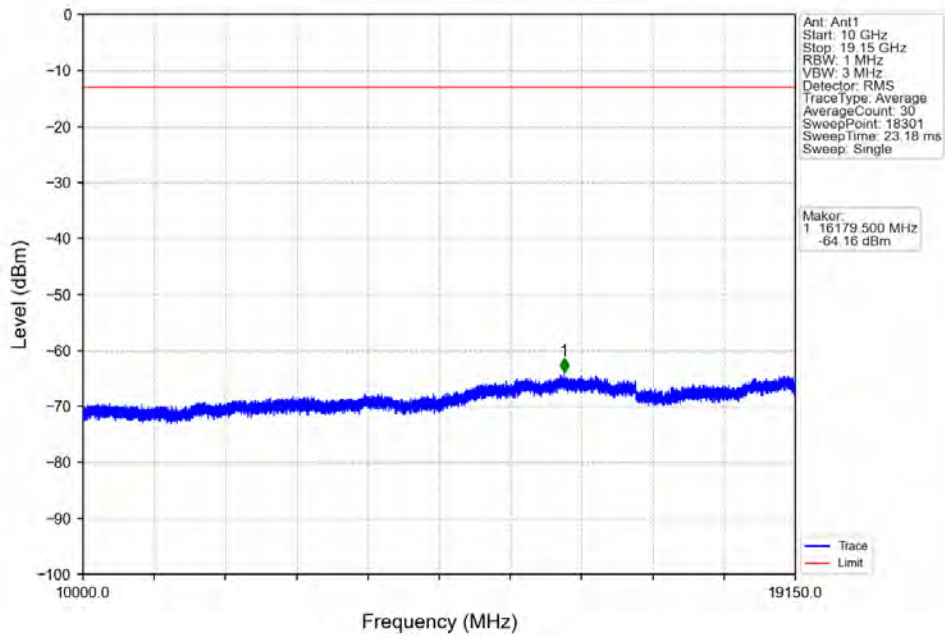
Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



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

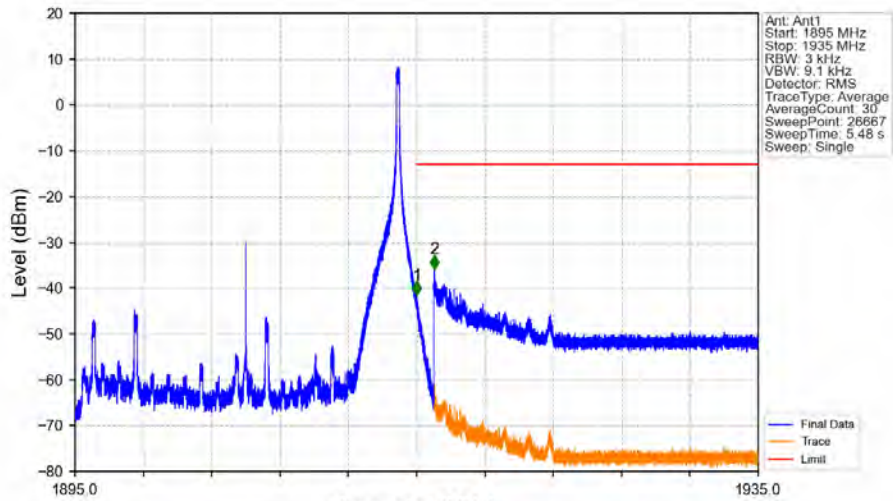


Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_0\_NTNV



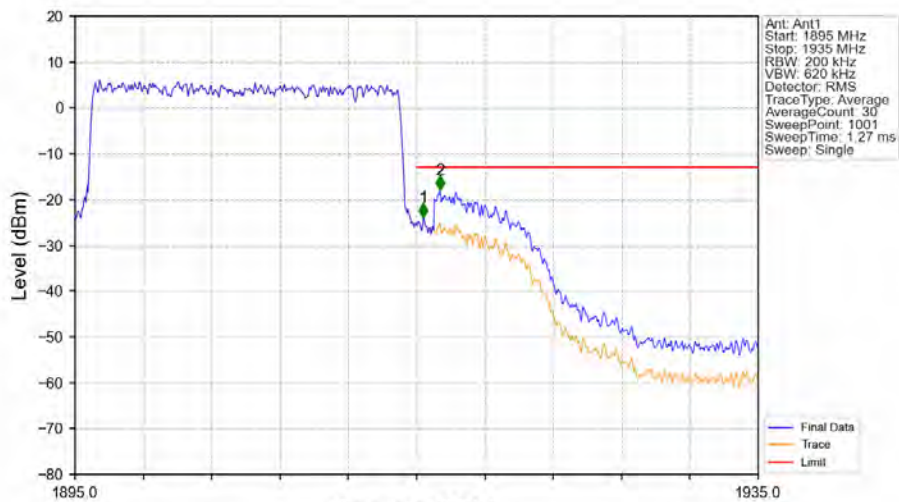
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_99\_NTNV





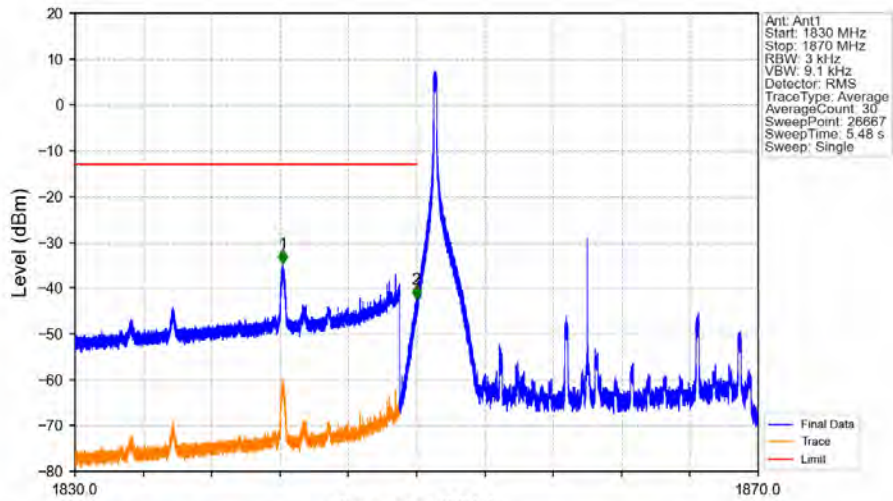
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.003	0	/	/	/	/	/
1915	1916	0.003	0	1	1915.015	-41.58	-13	Pass
1916	1935	1	25.23	2	1916.037	-35.82	-13	Pass

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



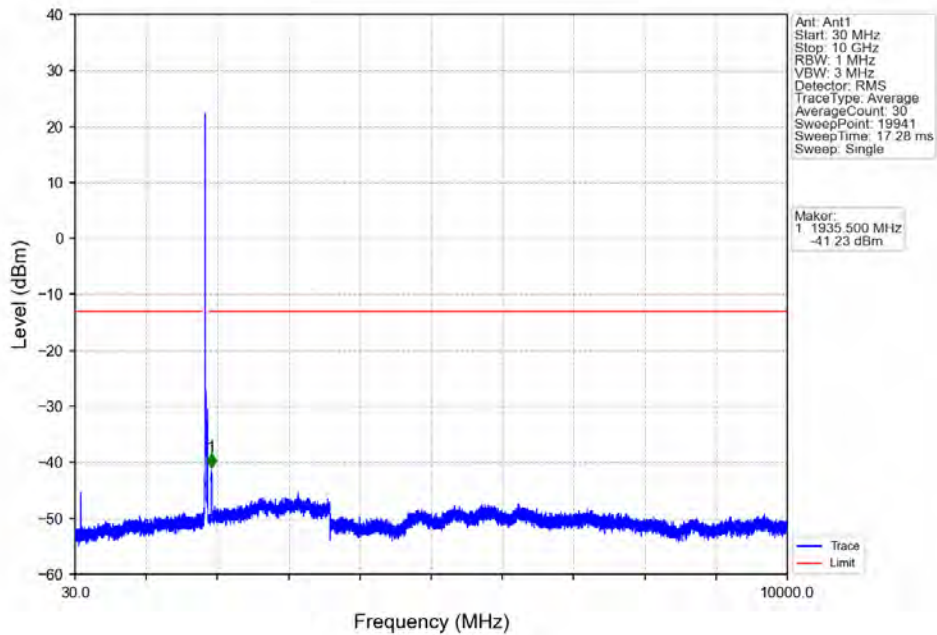
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.2	0	/	/	/	/	/
1915	1916	0.2	0	1	1915.400	-23.93	-13	Pass
1916	1935	1	6.99	2	1916.360	-17.99	-13	Pass

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

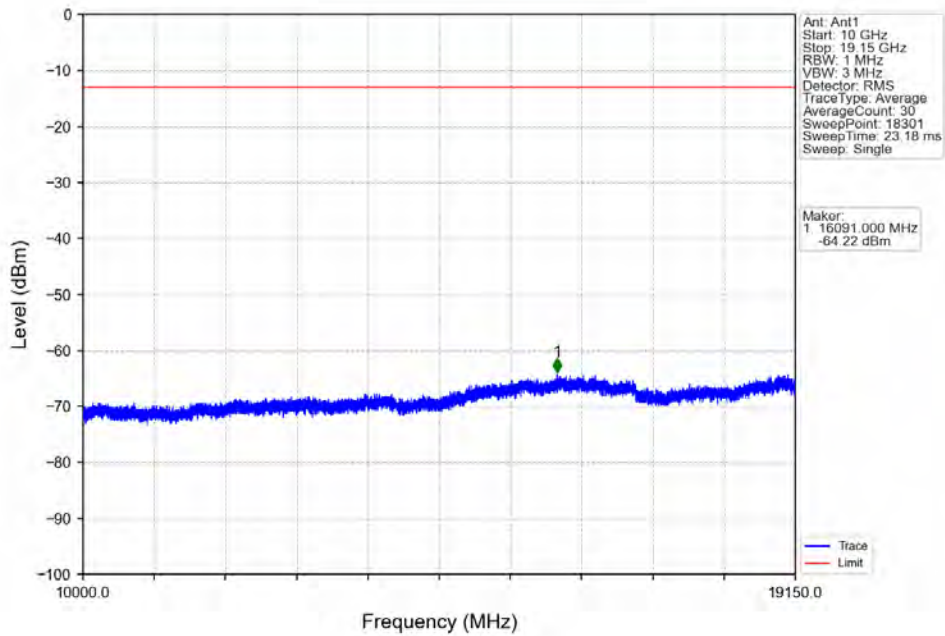


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	25.23	1	1842.167	-34.74	-13	Pass
1849	1850	0.003	0	2	1849.980	-42.50	-13	Pass
1850	1870	0.003	0	/	/	/	/	/

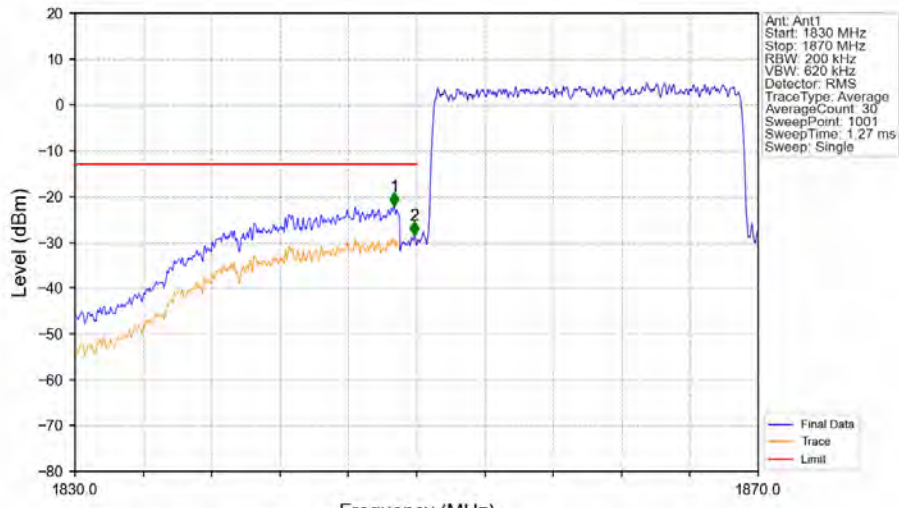
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



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

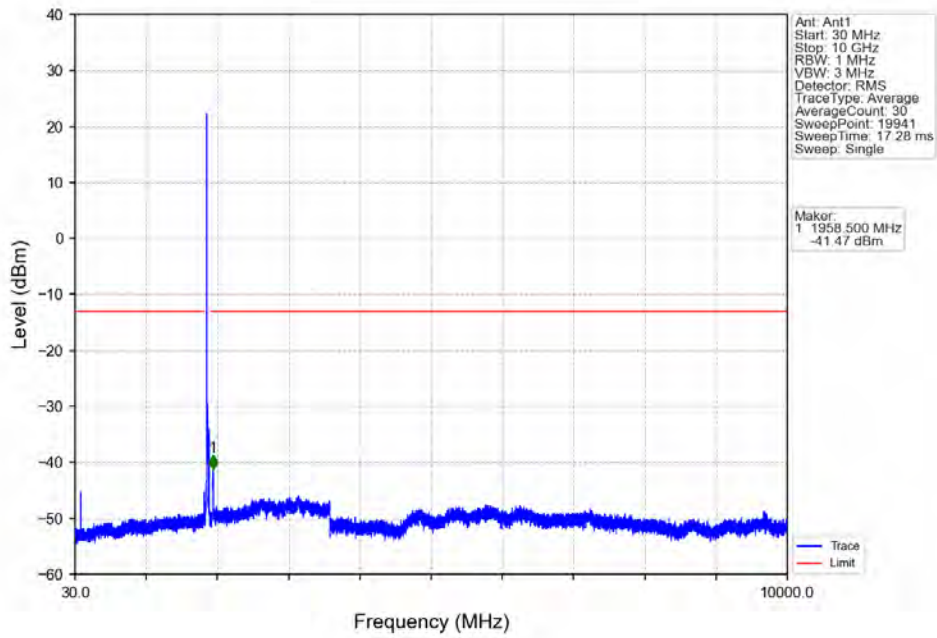


Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV

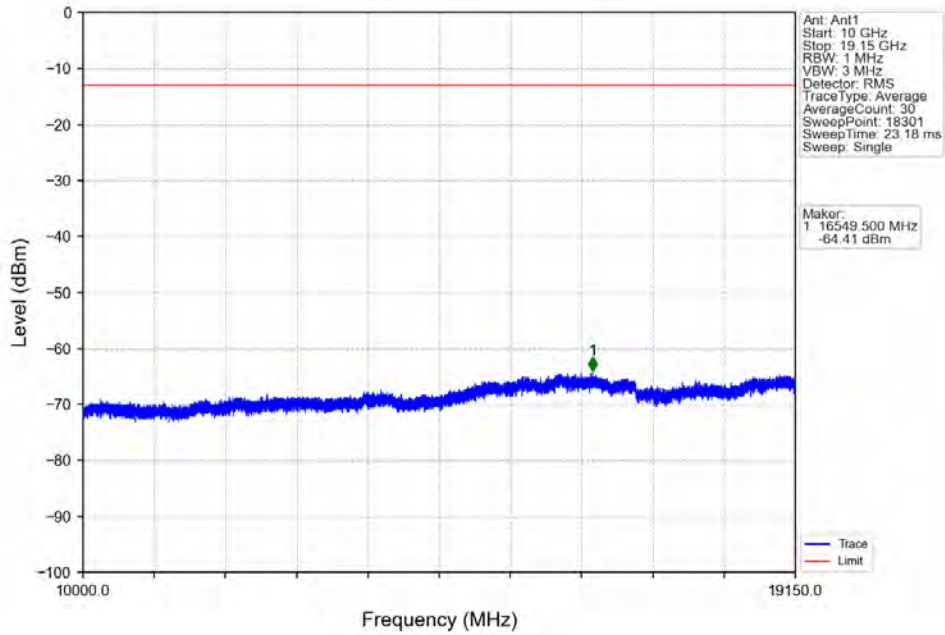


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	0.99	1	1848.680	-22.11	-13	Pass
1849	1850	0.2	0	2	1849.880	-28.46	-13	Pass
1850	1870	0.2	0	/	/	/	/	/

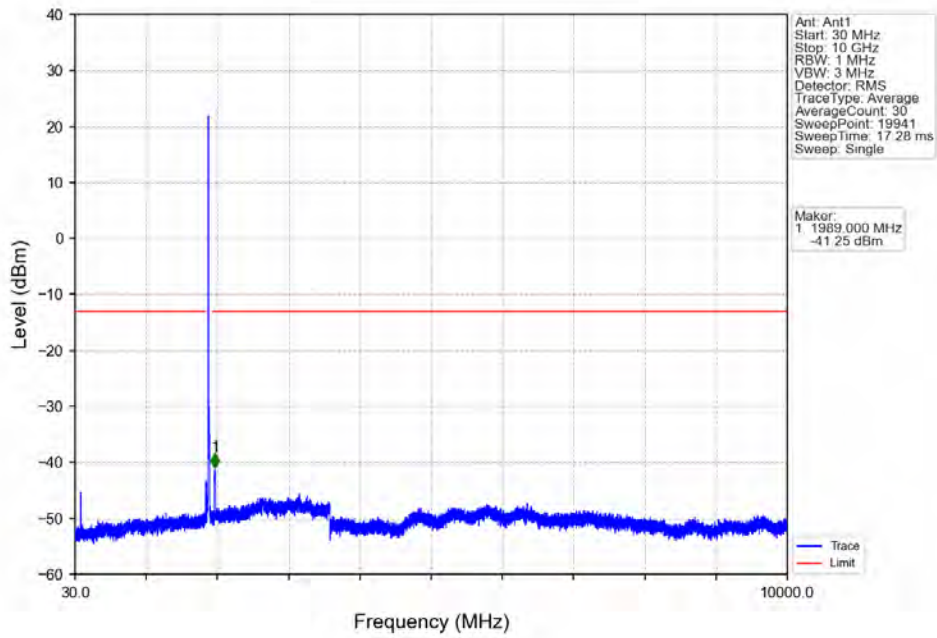
Band25\_20MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



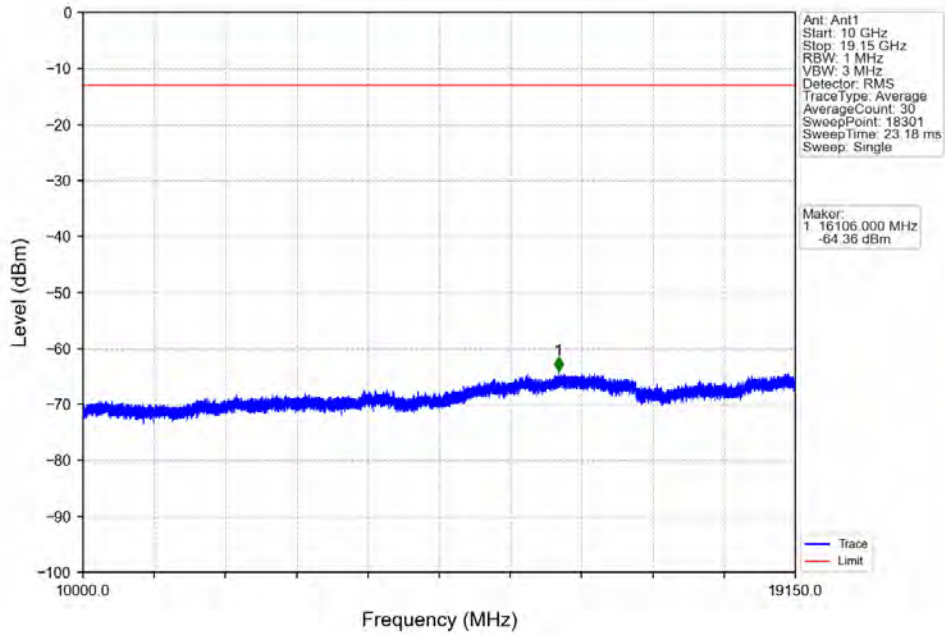
Band25\_20MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



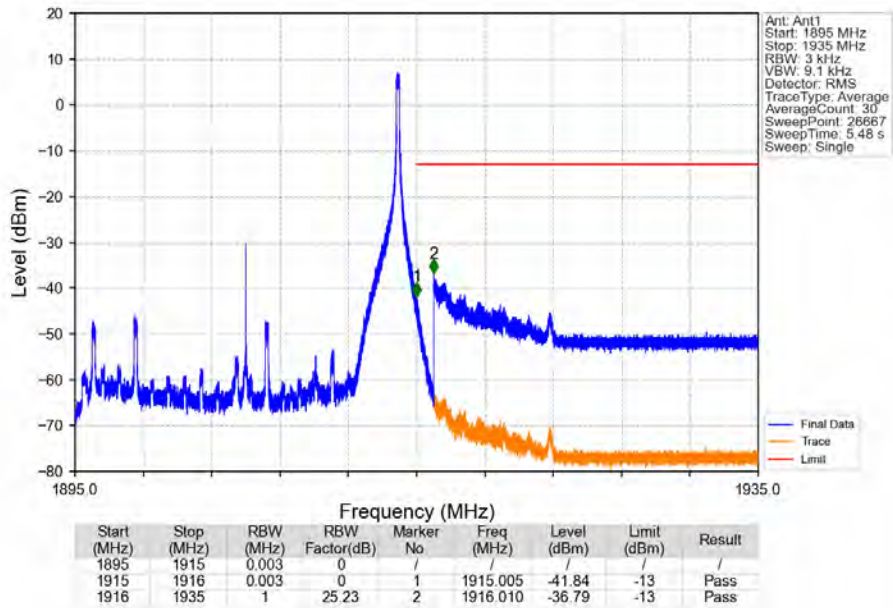
Band25\_20MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_0\_NTNV



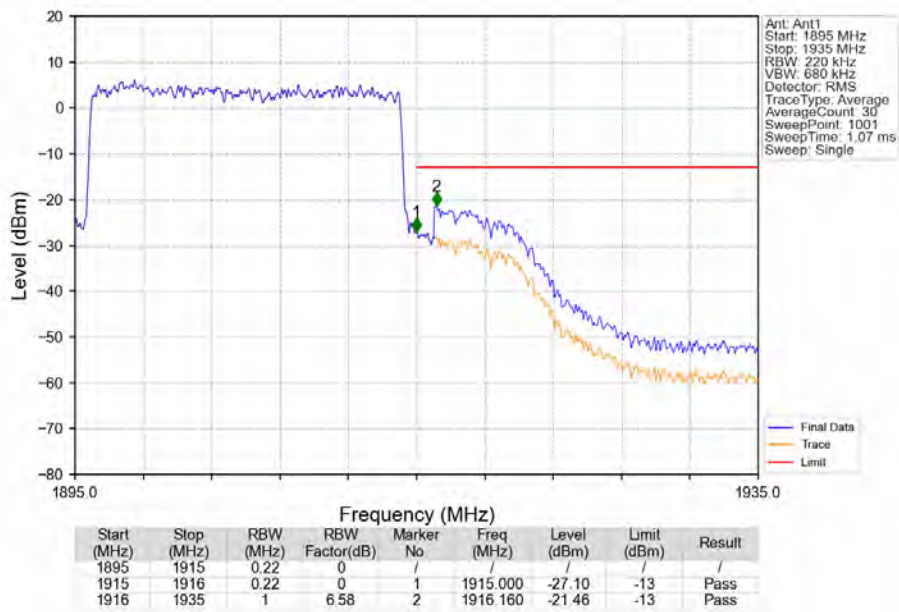
Band25\_20MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_0\_NTNV



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



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



## 7. Form731

### 7.1 Form731\_Power

### 7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
25	1.4	1850.7	1914.3	0.1866	0.0059	ppm	1M13G7D	24E	22.71
25	1.4	1850.7	1914.3	0.1466	0.0048	ppm	1M12W7D	24E	21.66
25	3	1851.5	1913.5	0.1816	0.0056	ppm	2M74G7D	24E	22.59
25	3	1851.5	1913.5	0.1365	0.0073	ppm	2M75W7D	24E	21.35
25	5	1852.5	1912.5	0.1698	0.0045	ppm	4M57G7D	24E	22.30
25	5	1852.5	1912.5	0.1324	0.0034	ppm	4M57W7D	24E	21.22
25	10	1855	1910	0.1687	0.0029	ppm	9M07G7D	24E	22.27
25	10	1855	1910	0.1393	0.0024	ppm	9M08W7D	24E	21.44
25	15	1857.5	1907.5	0.2089	0.0030	ppm	13M6G7D	24E	23.20
25	15	1857.5	1907.5	0.1663	0.0029	ppm	13M6W7D	24E	22.21
25	20	1860	1905	0.2203	0.0016	ppm	18M2G7D	24E	23.43
25	20	1860	1905	0.1774	0.0020	ppm	18M2W7D	24E	22.49

### 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	0.2018	0.0059	ppm	1M13G7D	24E	23.05
25	1.4	1850.7	1914.3	0.1584	0.0048	ppm	1M12W7D	24E	22
25	3	1851.5	1913.5	0.1963	0.0056	ppm	2M74G7D	24E	22.93
25	3	1851.5	1913.5	0.1475	0.0073	ppm	2M75W7D	24E	21.69
25	5	1852.5	1912.5	0.1836	0.0045	ppm	4M57G7D	24E	22.64
25	5	1852.5	1912.5	0.1432	0.0034	ppm	4M57W7D	24E	21.56
25	10	1855	1910	0.1823	0.0029	ppm	9M07G7D	24E	22.61
25	10	1855	1910	0.1506	0.0024	ppm	9M08W7D	24E	21.78
25	15	1857.5	1907.5	0.2259	0.0030	ppm	13M6G7D	24E	23.54
25	15	1857.5	1907.5	0.1798	0.0029	ppm	13M6W7D	24E	22.55
25	20	1860	1905	0.2382	0.0016	ppm	18M2G7D	24E	23.77
25	20	1860	1905	0.1918	0.0020	ppm	18M2W7D	24E	22.83