

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B25\_1.4MHz\_EIRP

### 1.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1850.7	1	0	21.37	0.54	21.91	<=33.01	Pass		
			2	21.46	0.54	22.00	<=33.01	Pass		
			5	21.36	0.54	21.90	<=33.01	Pass		
		3	0	21.48	0.54	22.02	<=33.01	Pass		
			2	21.49	0.54	22.03	<=33.01	Pass		
			3	21.46	0.54	22.00	<=33.01	Pass		
		6	0	20.43	0.54	20.97	<=33.01	Pass		
		1882.5	1	0	21.33	0.54	21.87	<=33.01	Pass	
				2	21.46	0.54	22.00	<=33.01	Pass	
	5			21.35	0.54	21.89	<=33.01	Pass		
	3		0	21.38	0.54	21.92	<=33.01	Pass		
			2	21.43	0.54	21.97	<=33.01	Pass		
			3	21.42	0.54	21.96	<=33.01	Pass		
	6		0	20.37	0.54	20.91	<=33.01	Pass		
	1914.3		1	0	21.25	0.54	21.79	<=33.01	Pass	
				2	21.40	0.54	21.94	<=33.01	Pass	
		5		21.29	0.54	21.83	<=33.01	Pass		
		3	0	21.23	0.54	21.77	<=33.01	Pass		
			2	21.30	0.54	21.84	<=33.01	Pass		
			3	21.24	0.54	21.78	<=33.01	Pass		
		6	0	20.37	0.54	20.91	<=33.01	Pass		
		16QAM	1850.7	1	0	20.37	0.54	20.91	<=33.01	Pass
					2	20.44	0.54	20.98	<=33.01	Pass
	5				20.34	0.54	20.88	<=33.01	Pass	
3	0			20.64	0.54	21.18	<=33.01	Pass		
	2			20.67	0.54	21.21	<=33.01	Pass		
	3			20.66	0.54	21.20	<=33.01	Pass		
6	0			19.51	0.54	20.05	<=33.01	Pass		
1882.5	1			0	20.29	0.54	20.83	<=33.01	Pass	
				2	20.43	0.54	20.97	<=33.01	Pass	
			5	20.33	0.54	20.87	<=33.01	Pass		
	3		0	20.47	0.54	21.01	<=33.01	Pass		
			2	20.46	0.54	21.00	<=33.01	Pass		
			3	20.45	0.54	20.99	<=33.01	Pass		
	6		0	19.37	0.54	19.91	<=33.01	Pass		
	1914.3		1	0	20.29	0.54	20.83	<=33.01	Pass	
				2	20.42	0.54	20.96	<=33.01	Pass	
5				20.30	0.54	20.84	<=33.01	Pass		
3			0	20.13	0.54	20.67	<=33.01	Pass		
			2	20.16	0.54	20.70	<=33.01	Pass		
			3	20.14	0.54	20.68	<=33.01	Pass		
6			0	19.33	0.54	19.87	<=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	20.84	0.54	21.38	<=33.01	Pass		
			7	20.92	0.54	21.46	<=33.01	Pass		
			14	20.78	0.54	21.32	<=33.01	Pass		
		8	0	19.77	0.54	20.31	<=33.01	Pass		
			4	19.75	0.54	20.29	<=33.01	Pass		
			7	19.71	0.54	20.25	<=33.01	Pass		
		15	0	19.72	0.54	20.26	<=33.01	Pass		
		1882.5	1	0	21.01	0.54	21.55	<=33.01	Pass	
				7	21.14	0.54	21.68	<=33.01	Pass	
	14			20.99	0.54	21.53	<=33.01	Pass		
	8		0	19.98	0.54	20.52	<=33.01	Pass		
			4	20.02	0.54	20.56	<=33.01	Pass		
			7	19.96	0.54	20.50	<=33.01	Pass		
	15	0	19.98	0.54	20.52	<=33.01	Pass			
	1913.5	1	0	21.29	0.54	21.83	<=33.01	Pass		
			7	21.49	0.54	22.03	<=33.01	Pass		
			14	21.46	0.54	22.00	<=33.01	Pass		
		8	0	20.29	0.54	20.83	<=33.01	Pass		
			4	20.40	0.54	20.94	<=33.01	Pass		
			7	20.40	0.54	20.94	<=33.01	Pass		
		15	0	20.30	0.54	20.84	<=33.01	Pass		
		16QAM	1851.5	1	0	19.83	0.54	20.37	<=33.01	Pass
					7	19.92	0.54	20.46	<=33.01	Pass
	14				19.74	0.54	20.28	<=33.01	Pass	
8	0			18.88	0.54	19.42	<=33.01	Pass		
	4			18.91	0.54	19.45	<=33.01	Pass		
	7			18.82	0.54	19.36	<=33.01	Pass		
15	0			18.83	0.54	19.37	<=33.01	Pass		
1882.5	1			0	20.12	0.54	20.66	<=33.01	Pass	
				7	20.28	0.54	20.82	<=33.01	Pass	
			14	20.15	0.54	20.69	<=33.01	Pass		
	8		0	19.05	0.54	19.59	<=33.01	Pass		
			4	19.08	0.54	19.62	<=33.01	Pass		
			7	19.02	0.54	19.56	<=33.01	Pass		
15	0		19.03	0.54	19.57	<=33.01	Pass			
1913.5	1		0	20.72	0.54	21.26	<=33.01	Pass		
			7	20.81	0.54	21.35	<=33.01	Pass		
			14	20.70	0.54	21.24	<=33.01	Pass		
	8		0	19.45	0.54	19.99	<=33.01	Pass		
			4	19.54	0.54	20.08	<=33.01	Pass		
			7	19.52	0.54	20.06	<=33.01	Pass		
	15		0	19.39	0.54	19.93	<=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	20.63	0.54	21.17	<=33.01	Pass		
			13	20.72	0.54	21.26	<=33.01	Pass		
			24	20.55	0.54	21.09	<=33.01	Pass		
		12	0	19.63	0.54	20.17	<=33.01	Pass		
			6	19.62	0.54	20.16	<=33.01	Pass		
			13	19.53	0.54	20.07	<=33.01	Pass		
		25	0	19.60	0.54	20.14	<=33.01	Pass		
		1882.5	1	0	20.84	0.54	21.38	<=33.01	Pass	
				13	20.92	0.54	21.46	<=33.01	Pass	
	24			20.84	0.54	21.38	<=33.01	Pass		
	12		0	19.86	0.54	20.40	<=33.01	Pass		
			6	19.91	0.54	20.45	<=33.01	Pass		
			13	19.81	0.54	20.35	<=33.01	Pass		
	25		0	19.88	0.54	20.42	<=33.01	Pass		
	1912.5		1	0	21.02	0.54	21.56	<=33.01	Pass	
				13	21.24	0.54	21.78	<=33.01	Pass	
		24		21.25	0.54	21.79	<=33.01	Pass		
		12	0	20.12	0.54	20.66	<=33.01	Pass		
			6	20.18	0.54	20.72	<=33.01	Pass		
			13	20.18	0.54	20.72	<=33.01	Pass		
		25	0	20.16	0.54	20.70	<=33.01	Pass		
		16QAM	1852.5	1	0	19.68	0.54	20.22	<=33.01	Pass
					13	19.77	0.54	20.31	<=33.01	Pass
	24				19.60	0.54	20.14	<=33.01	Pass	
12	0			18.73	0.54	19.27	<=33.01	Pass		
	6			18.71	0.54	19.25	<=33.01	Pass		
	13			18.65	0.54	19.19	<=33.01	Pass		
25	0			18.70	0.54	19.24	<=33.01	Pass		
1882.5	1			0	20.07	0.54	20.61	<=33.01	Pass	
				13	20.19	0.54	20.73	<=33.01	Pass	
			24	20.06	0.54	20.60	<=33.01	Pass		
	12		0	19.02	0.54	19.56	<=33.01	Pass		
			6	19.05	0.54	19.59	<=33.01	Pass		
			13	18.97	0.54	19.51	<=33.01	Pass		
	25		0	18.94	0.54	19.48	<=33.01	Pass		
	1912.5		1	0	19.85	0.54	20.39	<=33.01	Pass	
				13	20.00	0.54	20.54	<=33.01	Pass	
24				19.98	0.54	20.52	<=33.01	Pass		
12			0	19.19	0.54	19.73	<=33.01	Pass		
			6	19.26	0.54	19.80	<=33.01	Pass		
			13	19.26	0.54	19.80	<=33.01	Pass		
25			0	19.24	0.54	19.78	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

## 1.4 B25\_10MHz\_EIRP

### 1.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	20.67	0.54	21.21	<=33.01	Pass
			25	20.82	0.54	21.36	<=33.01	Pass
			49	20.55	0.54	21.09	<=33.01	Pass
		25	0	19.76	0.54	20.30	<=33.01	Pass
			13	19.65	0.54	20.19	<=33.01	Pass
			25	19.58	0.54	20.12	<=33.01	Pass
		50	0	19.70	0.54	20.24	<=33.01	Pass

	1882.5	1	0	20.84	0.54	21.38	<=33.01	Pass		
			25	21.09	0.54	21.63	<=33.01	Pass		
			49	20.79	0.54	21.33	<=33.01	Pass		
		25	0	20.01	0.54	20.55	<=33.01	Pass		
			13	19.98	0.54	20.52	<=33.01	Pass		
			25	19.92	0.54	20.46	<=33.01	Pass		
		50	0	19.97	0.54	20.51	<=33.01	Pass		
		1910	1	0	20.85	0.54	21.39	<=33.01	Pass	
				25	21.21	0.54	21.75	<=33.01	Pass	
	49			21.32	0.54	21.86	<=33.01	Pass		
	25		0	20.17	0.54	20.71	<=33.01	Pass		
			13	20.17	0.54	20.71	<=33.01	Pass		
			25	20.23	0.54	20.77	<=33.01	Pass		
	50		0	20.18	0.54	20.72	<=33.01	Pass		
	16QAM		1855	1	0	19.65	0.54	20.19	<=33.01	Pass
					25	19.79	0.54	20.33	<=33.01	Pass
		49			19.48	0.54	20.02	<=33.01	Pass	
		25		0	18.94	0.54	19.48	<=33.01	Pass	
13				18.79	0.54	19.33	<=33.01	Pass		
25				18.76	0.54	19.30	<=33.01	Pass		
50		0		18.79	0.54	19.33	<=33.01	Pass		
1882.5		1		0	19.98	0.54	20.52	<=33.01	Pass	
				25	20.24	0.54	20.78	<=33.01	Pass	
			49	19.94	0.54	20.48	<=33.01	Pass		
		25	0	19.09	0.54	19.63	<=33.01	Pass		
			13	19.06	0.54	19.60	<=33.01	Pass		
			25	19.01	0.54	19.55	<=33.01	Pass		
		50	0	19.07	0.54	19.61	<=33.01	Pass		
		1910	1	0	20.36	0.54	20.90	<=33.01	Pass	
				25	20.81	0.54	21.35	<=33.01	Pass	
49				20.60	0.54	21.14	<=33.01	Pass		
25			0	19.28	0.54	19.82	<=33.01	Pass		
	13		19.27	0.54	19.81	<=33.01	Pass			
	25		19.36	0.54	19.90	<=33.01	Pass			
50	0		19.29	0.54	19.83	<=33.01	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

## 1.5 B25\_15MHz\_EIRP

### 1.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTN									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1857.5	1	0	20.45	0.54	20.99	<=33.01	Pass	
			38	20.56	0.54	21.10	<=33.01	Pass	
			74	20.40	0.54	20.94	<=33.01	Pass	
		36	0	19.63	0.54	20.17	<=33.01	Pass	
			18	19.55	0.54	20.09	<=33.01	Pass	
			39	19.58	0.54	20.12	<=33.01	Pass	
		75	0	19.64	0.54	20.18	<=33.01	Pass	
		1882.5	1	0	20.68	0.54	21.22	<=33.01	Pass
				38	20.90	0.54	21.44	<=33.01	Pass
	74			20.61	0.54	21.15	<=33.01	Pass	
	36		0	19.97	0.54	20.51	<=33.01	Pass	
			18	19.92	0.54	20.46	<=33.01	Pass	
			39	19.83	0.54	20.37	<=33.01	Pass	
	75		0	19.95	0.54	20.49	<=33.01	Pass	

	1907.5	1	0	20.63	0.54	21.17	<=33.01	Pass		
			38	21.00	0.54	21.54	<=33.01	Pass		
			74	21.13	0.54	21.67	<=33.01	Pass		
		36	0	19.95	0.54	20.49	<=33.01	Pass		
			18	19.99	0.54	20.53	<=33.01	Pass		
			39	20.12	0.54	20.66	<=33.01	Pass		
		75	0	20.07	0.54	20.61	<=33.01	Pass		
		16QAM	1857.5	1	0	19.86	0.54	20.40	<=33.01	Pass
					38	19.88	0.54	20.42	<=33.01	Pass
74	19.57				0.54	20.11	<=33.01	Pass		
36	0			18.61	0.54	19.15	<=33.01	Pass		
	18			18.61	0.54	19.15	<=33.01	Pass		
	39			18.62	0.54	19.16	<=33.01	Pass		
75	0			18.65	0.54	19.19	<=33.01	Pass		
1882.5	1			0	19.78	0.54	20.32	<=33.01	Pass	
				38	20.07	0.54	20.61	<=33.01	Pass	
			74	19.76	0.54	20.30	<=33.01	Pass		
	36		0	19.03	0.54	19.57	<=33.01	Pass		
			18	19.01	0.54	19.55	<=33.01	Pass		
			39	18.91	0.54	19.45	<=33.01	Pass		
	75		0	18.99	0.54	19.53	<=33.01	Pass		
	1907.5		1	0	19.92	0.54	20.46	<=33.01	Pass	
				38	20.53	0.54	21.07	<=33.01	Pass	
74				20.42	0.54	20.96	<=33.01	Pass		
36			0	18.99	0.54	19.53	<=33.01	Pass		
			18	19.11	0.54	19.65	<=33.01	Pass		
			39	19.21	0.54	19.75	<=33.01	Pass		
75			0	19.09	0.54	19.63	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

## 1.6 B25\_20MHz\_EIRP

### 1.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1860	1	0	20.29	0.54	20.83	<=33.01	Pass	
			50	20.65	0.54	21.19	<=33.01	Pass	
			99	20.29	0.54	20.83	<=33.01	Pass	
		50	0	19.64	0.54	20.18	<=33.01	Pass	
			25	19.52	0.54	20.06	<=33.01	Pass	
			50	19.66	0.54	20.20	<=33.01	Pass	
		100	0	19.63	0.54	20.17	<=33.01	Pass	
		1882.5	1	0	20.46	0.54	21.00	<=33.01	Pass
				50	21.11	0.54	21.65	<=33.01	Pass
	99			20.47	0.54	21.01	<=33.01	Pass	
	50		0	19.96	0.54	20.50	<=33.01	Pass	
			25	19.87	0.54	20.41	<=33.01	Pass	
			50	19.78	0.54	20.32	<=33.01	Pass	
	100		0	19.91	0.54	20.45	<=33.01	Pass	
	1905		1	0	20.41	0.54	20.95	<=33.01	Pass
				50	20.99	0.54	21.53	<=33.01	Pass
		99		20.97	0.54	21.51	<=33.01	Pass	
		50	0	19.74	0.54	20.28	<=33.01	Pass	
			25	19.87	0.54	20.41	<=33.01	Pass	
			50	19.99	0.54	20.53	<=33.01	Pass	
		100	0	19.91	0.54	20.45	<=33.01	Pass	

16QAM	1860	1	0	19.83	0.54	20.37	<=33.01	Pass		
			50	20.08	0.54	20.62	<=33.01	Pass		
			99	19.67	0.54	20.21	<=33.01	Pass		
		50	0	18.74	0.54	19.28	<=33.01	Pass		
			25	18.54	0.54	19.08	<=33.01	Pass		
			50	18.66	0.54	19.20	<=33.01	Pass		
		100	0	18.72	0.54	19.26	<=33.01	Pass		
		1882.5	1	0	19.55	0.54	20.09	<=33.01	Pass	
				50	20.26	0.54	20.80	<=33.01	Pass	
	99			19.57	0.54	20.11	<=33.01	Pass		
	50		0	19.06	0.54	19.60	<=33.01	Pass		
			25	18.97	0.54	19.51	<=33.01	Pass		
			50	18.87	0.54	19.41	<=33.01	Pass		
	100		0	18.99	0.54	19.53	<=33.01	Pass		
	1905		1	0	19.47	0.54	20.01	<=33.01	Pass	
				50	20.27	0.54	20.81	<=33.01	Pass	
		99		20.09	0.54	20.63	<=33.01	Pass		
		50	0	18.78	0.54	19.32	<=33.01	Pass		
			25	18.91	0.54	19.45	<=33.01	Pass		
			50	19.04	0.54	19.58	<=33.01	Pass		
		100	0	18.98	0.54	19.52	<=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	-34.218	-0.0185	-2.5 to 2.5	Pass			
					3.85	-3.848	-0.0021	-2.5 to 2.5	Pass			
					4.43	-5.493	-0.0030	-2.5 to 2.5	Pass			
				-30	3.85	-5.994	-0.0032	-2.5 to 2.5	Pass			
					-20	3.85	-3.362	-0.0018	-2.5 to 2.5	Pass		
						3.85	-5.264	-0.0028	-2.5 to 2.5	Pass		
				0	3.85	-5.679	-0.0031	-2.5 to 2.5	Pass			
					10	3.85	-2.604	-0.0014	-2.5 to 2.5	Pass		
				30	3.85	-3.676	-0.0020	-2.5 to 2.5	Pass			
				40	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass			
				50	3.85	-8.211	-0.0044	-2.5 to 2.5	Pass			
				1882.5	6	0	20	3.27	-7.696	-0.0041	-2.5 to 2.5	Pass
								3.85	-5.522	-0.0029	-2.5 to 2.5	Pass
								4.43	-7.324	-0.0039	-2.5 to 2.5	Pass
							-30	3.85	-3.333	-0.0018	-2.5 to 2.5	Pass
	-20	3.85	-6.380					-0.0034	-2.5 to 2.5	Pass		
		3.85	-5.951					-0.0032	-2.5 to 2.5	Pass		
	0	3.85	-9.356				-0.0050	-2.5 to 2.5	Pass			
		10	3.85				-5.021	-0.0027	-2.5 to 2.5	Pass		
	30	3.85	-5.937				-0.0032	-2.5 to 2.5	Pass			
	40	3.85	-8.883	-0.0047	-2.5 to 2.5	Pass						
	50	3.85	-9.227	-0.0049	-2.5 to 2.5	Pass						
	1914.3	6	0	20	3.27	-2.818	-0.0015	-2.5 to 2.5	Pass			
					3.85	-2.460	-0.0013	-2.5 to 2.5	Pass			

					4.43	-3.219	-0.0017	-2.5 to 2.5	Pass	
				-30	3.85	-8.883	-0.0046	-2.5 to 2.5	Pass	
				-20	3.85	2.689	0.0014	-2.5 to 2.5	Pass	
				-10	3.85	-5.050	-0.0026	-2.5 to 2.5	Pass	
				0	3.85	4.334	0.0023	-2.5 to 2.5	Pass	
				10	3.85	-7.324	-0.0038	-2.5 to 2.5	Pass	
				30	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass	
				40	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass	
				50	3.85	-9.041	-0.0047	-2.5 to 2.5	Pass	
16QAM	1850.7	6	0	20	3.27	-8.698	-0.0047	-2.5 to 2.5	Pass	
					3.85	-9.284	-0.0050	-2.5 to 2.5	Pass	
					4.43	-7.467	-0.0040	-2.5 to 2.5	Pass	
				-30	3.85	-9.441	-0.0051	-2.5 to 2.5	Pass	
					-20	3.85	-10.114	-0.0055	-2.5 to 2.5	Pass
						3.85	-8.240	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-11.272	-0.0061	-2.5 to 2.5	Pass	
					10	3.85	-10.200	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-11.501	-0.0062	-2.5 to 2.5	Pass	
	40	3.85	-9.513	-0.0051	-2.5 to 2.5	Pass				
	50	3.85	-2.089	-0.0011	-2.5 to 2.5	Pass				
	1882.5	6	0	20	3.27	-6.008	-0.0032	-2.5 to 2.5	Pass	
					3.85	-3.333	-0.0018	-2.5 to 2.5	Pass	
					4.43	-6.995	-0.0037	-2.5 to 2.5	Pass	
				-30	3.85	-7.181	-0.0038	-2.5 to 2.5	Pass	
					-20	3.85	-8.454	-0.0045	-2.5 to 2.5	Pass
						3.85	-4.392	-0.0023	-2.5 to 2.5	Pass
				0	3.85	0.386	0.0002	-2.5 to 2.5	Pass	
					10	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.615	0.0003	-2.5 to 2.5	Pass	
	40	3.85	-2.933	-0.0016	-2.5 to 2.5	Pass				
	50	3.85	-6.695	-0.0036	-2.5 to 2.5	Pass				
	1914.3	6	0	20	3.27	-8.540	-0.0045	-2.5 to 2.5	Pass	
					3.85	-5.164	-0.0027	-2.5 to 2.5	Pass	
					4.43	-8.712	-0.0046	-2.5 to 2.5	Pass	
				-30	3.85	-5.922	-0.0031	-2.5 to 2.5	Pass	
					-20	3.85	-4.048	-0.0021	-2.5 to 2.5	Pass
3.85						-8.340	-0.0044	-2.5 to 2.5	Pass	
0				3.85	-10.571	-0.0055	-2.5 to 2.5	Pass		
				10	3.85	-6.995	-0.0037	-2.5 to 2.5	Pass	
30				3.85	-6.881	-0.0036	-2.5 to 2.5	Pass		
40	3.85	0.401	0.0002	-2.5 to 2.5	Pass					
50	3.85	3.090	0.0016	-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	-8.969	-0.0048	-2.5 to 2.5	Pass	
					3.85	-5.651	-0.0031	-2.5 to 2.5	Pass	
					4.43	-6.208	-0.0034	-2.5 to 2.5	Pass	
				-30	3.85	-6.294	-0.0034	-2.5 to 2.5	Pass	
					-20	3.85	-10.958	-0.0059	-2.5 to 2.5	Pass
						3.85	-7.753	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-4.206	-0.0023	-2.5 to 2.5	Pass	
					10	3.85	-8.326	-0.0045	-2.5 to 2.5	Pass

	1882.5	15	0	30	3.85	-3.505	-0.0019	-2.5 to 2.5	Pass	
				40	3.85	-4.191	-0.0023	-2.5 to 2.5	Pass	
				50	3.85	-3.519	-0.0019	-2.5 to 2.5	Pass	
				20	3.27	-10.972	-0.0058	-2.5 to 2.5	Pass	
					3.85	-6.495	-0.0035	-2.5 to 2.5	Pass	
					4.43	-7.281	-0.0039	-2.5 to 2.5	Pass	
				-30	3.85	-4.921	-0.0026	-2.5 to 2.5	Pass	
				-20	3.85	-8.912	-0.0047	-2.5 to 2.5	Pass	
				-10	3.85	-8.883	-0.0047	-2.5 to 2.5	Pass	
				0	3.85	-3.777	-0.0020	-2.5 to 2.5	Pass	
				10	3.85	-7.782	-0.0041	-2.5 to 2.5	Pass	
				30	3.85	-7.524	-0.0040	-2.5 to 2.5	Pass	
	40	3.85	-12.059	-0.0064	-2.5 to 2.5	Pass				
	50	3.85	-16.823	-0.0089	-2.5 to 2.5	Pass				
	1913.5	15	0	20	3.27	-10.257	-0.0054	-2.5 to 2.5	Pass	
					3.85	-4.220	-0.0022	-2.5 to 2.5	Pass	
					4.43	-4.120	-0.0022	-2.5 to 2.5	Pass	
				-30	3.85	-6.523	-0.0034	-2.5 to 2.5	Pass	
				-20	3.85	0.587	0.0003	-2.5 to 2.5	Pass	
				-10	3.85	-1.931	-0.0010	-2.5 to 2.5	Pass	
				0	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass	
				10	3.85	-1.402	-0.0007	-2.5 to 2.5	Pass	
				30	3.85	-5.150	-0.0027	-2.5 to 2.5	Pass	
				40	3.85	-5.822	-0.0030	-2.5 to 2.5	Pass	
				50	3.85	-4.621	-0.0024	-2.5 to 2.5	Pass	
				16QAM	1851.5	15	0	20	3.27	-5.107
	3.85	-8.154	-0.0044						-2.5 to 2.5	Pass
	4.43	-1.531	-0.0008						-2.5 to 2.5	Pass
-30	3.85	-4.377	-0.0024					-2.5 to 2.5	Pass	
-20	3.85	-7.038	-0.0038					-2.5 to 2.5	Pass	
-10	3.85	-3.562	-0.0019					-2.5 to 2.5	Pass	
0	3.85	-7.610	-0.0041					-2.5 to 2.5	Pass	
10	3.85	-4.649	-0.0025					-2.5 to 2.5	Pass	
30	3.85	-9.141	-0.0049					-2.5 to 2.5	Pass	
40	3.85	-8.426	-0.0046					-2.5 to 2.5	Pass	
50	3.85	-10.300	-0.0056					-2.5 to 2.5	Pass	
1882.5	15	0	20					3.27	-6.266	-0.0033
					3.85	-5.236	-0.0028	-2.5 to 2.5	Pass	
					4.43	-9.284	-0.0049	-2.5 to 2.5	Pass	
			-30		3.85	-6.809	-0.0036	-2.5 to 2.5	Pass	
			-20		3.85	-7.095	-0.0038	-2.5 to 2.5	Pass	
			-10		3.85	-11.015	-0.0059	-2.5 to 2.5	Pass	
			0		3.85	-6.294	-0.0033	-2.5 to 2.5	Pass	
			10		3.85	-6.909	-0.0037	-2.5 to 2.5	Pass	
			30		3.85	-5.965	-0.0032	-2.5 to 2.5	Pass	
			40		3.85	-9.685	-0.0051	-2.5 to 2.5	Pass	
			50		3.85	-11.172	-0.0059	-2.5 to 2.5	Pass	
			1913.5		15	0	20	3.27	-3.161	-0.0017
3.85	-6.366	-0.0033						-2.5 to 2.5	Pass	
4.43	-6.495	-0.0034						-2.5 to 2.5	Pass	
-30	3.85	-3.991					-0.0021	-2.5 to 2.5	Pass	
-20	3.85	-0.658					-0.0003	-2.5 to 2.5	Pass	
-10	3.85	-4.921					-0.0026	-2.5 to 2.5	Pass	
0	3.85	-5.236		-0.0027			-2.5 to 2.5	Pass		
10	3.85	-7.925		-0.0041			-2.5 to 2.5	Pass		
30	3.85	-6.824		-0.0036			-2.5 to 2.5	Pass		
40	3.85	-6.237		-0.0033			-2.5 to 2.5	Pass		
50	3.85	-9.856		-0.0052			-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	-1.574	-0.0008	-2.5 to 2.5	Pass
					3.85	-8.469	-0.0046	-2.5 to 2.5	Pass
					4.43	-6.309	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-9.527	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-9.127	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-8.554	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-7.138	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-9.084	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-7.439	-0.0040	-2.5 to 2.5	Pass
	50	3.85	-5.193	-0.0028	-2.5 to 2.5	Pass			
	1882.5	25	0	20	3.27	-8.082	-0.0043	-2.5 to 2.5	Pass
					3.85	-6.237	-0.0033	-2.5 to 2.5	Pass
					4.43	-9.041	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-3.505	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-4.892	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-7.982	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-5.178	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-8.512	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-8.054	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-8.354	-0.0044	-2.5 to 2.5	Pass
	50	3.85	-9.742	-0.0052	-2.5 to 2.5	Pass			
	1912.5	25	0	20	3.27	-12.603	-0.0066	-2.5 to 2.5	Pass
					3.85	-5.293	-0.0028	-2.5 to 2.5	Pass
					4.43	-4.964	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-7.439	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-6.366	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-10.386	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-3.977	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-5.822	-0.0030	-2.5 to 2.5	Pass
30				3.85	-10.114	-0.0053	-2.5 to 2.5	Pass	
40				3.85	-6.008	-0.0031	-2.5 to 2.5	Pass	
50	3.85	-6.065	-0.0032	-2.5 to 2.5	Pass				
16QAM	1852.5	25	0	20	3.27	-6.723	-0.0036	-2.5 to 2.5	Pass
					3.85	-6.251	-0.0034	-2.5 to 2.5	Pass
					4.43	-8.926	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-7.896	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-6.466	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-6.080	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-6.108	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-6.580	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-5.178	-0.0028	-2.5 to 2.5	Pass
	40	3.85	-10.586	-0.0057	-2.5 to 2.5	Pass			
	50	3.85	-10.729	-0.0058	-2.5 to 2.5	Pass			
	1882.5	25	0	20	3.27	-11.530	-0.0061	-2.5 to 2.5	Pass
					3.85	-11.358	-0.0060	-2.5 to 2.5	Pass
					4.43	-10.529	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-10.672	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-11.730	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-4.950	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-3.705	-0.0020	-2.5 to 2.5	Pass
10				3.85	-4.764	-0.0025	-2.5 to 2.5	Pass	

	1912.5	25	0	30	3.85	-5.622	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-4.063	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-7.610	-0.0040	-2.5 to 2.5	Pass
				20	3.27	-6.852	-0.0036	-2.5 to 2.5	Pass
					3.85	-7.811	-0.0041	-2.5 to 2.5	Pass
					4.43	-4.964	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-7.696	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-4.263	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-5.207	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-5.178	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-5.050	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-7.110	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-4.678	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-8.898	-0.0047	-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	-10.586	-0.0057	-2.5 to 2.5	Pass			
					3.85	-6.280	-0.0034	-2.5 to 2.5	Pass			
					4.43	-5.035	-0.0027	-2.5 to 2.5	Pass			
				-30	3.85	-5.178	-0.0028	-2.5 to 2.5	Pass			
				-20	3.85	-6.166	-0.0033	-2.5 to 2.5	Pass			
				-10	3.85	-7.539	-0.0041	-2.5 to 2.5	Pass			
				0	3.85	-7.324	-0.0039	-2.5 to 2.5	Pass			
				10	3.85	-3.762	-0.0020	-2.5 to 2.5	Pass			
				30	3.85	-5.507	-0.0030	-2.5 to 2.5	Pass			
				40	3.85	-6.609	-0.0036	-2.5 to 2.5	Pass			
				50	3.85	-9.112	-0.0049	-2.5 to 2.5	Pass			
				1882.5	50	0	20	3.27	-3.161	-0.0017	-2.5 to 2.5	Pass
								3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
								4.43	-0.887	-0.0005	-2.5 to 2.5	Pass
							-30	3.85	-5.207	-0.0028	-2.5 to 2.5	Pass
	-20	3.85	-2.890				-0.0015	-2.5 to 2.5	Pass			
	-10	3.85	-0.916				-0.0005	-2.5 to 2.5	Pass			
	0	3.85	-0.443				-0.0002	-2.5 to 2.5	Pass			
	10	3.85	-7.668				-0.0041	-2.5 to 2.5	Pass			
	30	3.85	-10.457				-0.0056	-2.5 to 2.5	Pass			
	1910	50	0	20	3.27	-16.723	-0.0088	-2.5 to 2.5	Pass			
					3.85	-8.626	-0.0045	-2.5 to 2.5	Pass			
					4.43	-13.118	-0.0069	-2.5 to 2.5	Pass			
				-30	3.85	-13.161	-0.0069	-2.5 to 2.5	Pass			
				-20	3.85	-7.567	-0.0040	-2.5 to 2.5	Pass			
				-10	3.85	-10.743	-0.0056	-2.5 to 2.5	Pass			
				0	3.85	-11.029	-0.0058	-2.5 to 2.5	Pass			
				10	3.85	-11.330	-0.0059	-2.5 to 2.5	Pass			
				30	3.85	-11.244	-0.0059	-2.5 to 2.5	Pass			
	16QAM	1855	50	0	20	3.27	-1.359	-0.0007	-2.5 to 2.5	Pass		
3.85						-3.362	-0.0018	-2.5 to 2.5	Pass			
4.43						-9.670	-0.0052	-2.5 to 2.5	Pass			

				-30	3.85	-5.221	-0.0028	-2.5 to 2.5	Pass	
				-20	3.85	-4.749	-0.0026	-2.5 to 2.5	Pass	
				-10	3.85	-6.294	-0.0034	-2.5 to 2.5	Pass	
				0	3.85	-3.462	-0.0019	-2.5 to 2.5	Pass	
				10	3.85	-6.967	-0.0038	-2.5 to 2.5	Pass	
				30	3.85	-5.465	-0.0029	-2.5 to 2.5	Pass	
				40	3.85	-6.437	-0.0035	-2.5 to 2.5	Pass	
				50	3.85	-8.612	-0.0046	-2.5 to 2.5	Pass	
				20	3.27	-6.065	-0.0032	-2.5 to 2.5	Pass	
					3.85	-2.346	-0.0012	-2.5 to 2.5	Pass	
	4.43	-1.945	-0.0010		-2.5 to 2.5	Pass				
		1882.5	50	0	-30	3.85	-8.011	-0.0043	-2.5 to 2.5	Pass
					-20	3.85	-9.799	-0.0052	-2.5 to 2.5	Pass
					-10	3.85	-6.709	-0.0036	-2.5 to 2.5	Pass
					0	3.85	-9.913	-0.0053	-2.5 to 2.5	Pass
					10	3.85	-6.852	-0.0036	-2.5 to 2.5	Pass
					30	3.85	-7.811	-0.0041	-2.5 to 2.5	Pass
					40	3.85	-3.819	-0.0020	-2.5 to 2.5	Pass
					50	3.85	-7.067	-0.0038	-2.5 to 2.5	Pass
					20	3.27	-11.330	-0.0059	-2.5 to 2.5	Pass
						3.85	-14.277	-0.0075	-2.5 to 2.5	Pass
	4.43	-8.054	-0.0042	-2.5 to 2.5		Pass				
		1910	50	0	-30	3.85	-11.172	-0.0058	-2.5 to 2.5	Pass
					-20	3.85	-7.596	-0.0040	-2.5 to 2.5	Pass
					-10	3.85	-14.663	-0.0077	-2.5 to 2.5	Pass
					0	3.85	-14.663	-0.0077	-2.5 to 2.5	Pass
					10	3.85	-12.317	-0.0064	-2.5 to 2.5	Pass
					30	3.85	-13.862	-0.0073	-2.5 to 2.5	Pass
					40	3.85	-11.816	-0.0062	-2.5 to 2.5	Pass
					50	3.85	-6.781	-0.0036	-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	0.072	0.0000	-2.5 to 2.5	Pass
					3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
					4.43	-7.381	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-5.651	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-3.462	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-2.832	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-8.669	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-3.076	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-5.207	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-6.495	-0.0035	-2.5 to 2.5	Pass
	50	3.85	-7.138	-0.0038	-2.5 to 2.5	Pass			
	1882.5	75	0	20	3.27	-9.799	-0.0052	-2.5 to 2.5	Pass
					3.85	-5.050	-0.0027	-2.5 to 2.5	Pass
					4.43	-5.307	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-6.366	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-5.751	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-5.407	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-6.995	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-4.563	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-6.981	-0.0037	-2.5 to 2.5	Pass

				40	3.85	-10.271	-0.0055	-2.5 to 2.5	Pass				
				50	3.85	-14.706	-0.0078	-2.5 to 2.5	Pass				
				20	3.27	-8.855	-0.0046	-2.5 to 2.5	Pass				
					3.85	-6.094	-0.0032	-2.5 to 2.5	Pass				
					4.43	-7.010	-0.0037	-2.5 to 2.5	Pass				
				-30	3.85	-4.435	-0.0023	-2.5 to 2.5	Pass				
				-20	3.85	-7.782	-0.0041	-2.5 to 2.5	Pass				
				-10	3.85	-8.440	-0.0044	-2.5 to 2.5	Pass				
				0	3.85	-4.792	-0.0025	-2.5 to 2.5	Pass				
				10	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass				
				30	3.85	-3.548	-0.0019	-2.5 to 2.5	Pass				
				40	3.85	-6.237	-0.0033	-2.5 to 2.5	Pass				
				50	3.85	-4.292	-0.0023	-2.5 to 2.5	Pass				
				16QAM	1907.5	75	0	20	3.27	-3.219	-0.0017	-2.5 to 2.5	Pass
									3.85	-6.166	-0.0033	-2.5 to 2.5	Pass
									4.43	-6.251	-0.0034	-2.5 to 2.5	Pass
								-30	3.85	-3.877	-0.0021	-2.5 to 2.5	Pass
								-20	3.85	-7.925	-0.0043	-2.5 to 2.5	Pass
								-10	3.85	-7.825	-0.0042	-2.5 to 2.5	Pass
0	3.85	-3.147	-0.0017					-2.5 to 2.5	Pass				
10	3.85	-8.512	-0.0046					-2.5 to 2.5	Pass				
30	3.85	-7.052	-0.0038					-2.5 to 2.5	Pass				
40	3.85	-1.788	-0.0010					-2.5 to 2.5	Pass				
50	3.85	-5.608	-0.0030					-2.5 to 2.5	Pass				
1882.5	75	0	20					3.27	-14.033	-0.0075	-2.5 to 2.5	Pass	
								3.85	-13.518	-0.0072	-2.5 to 2.5	Pass	
								4.43	-14.148	-0.0075	-2.5 to 2.5	Pass	
			-30					3.85	-7.124	-0.0038	-2.5 to 2.5	Pass	
			-20					3.85	-3.476	-0.0018	-2.5 to 2.5	Pass	
			-10					3.85	-5.236	-0.0028	-2.5 to 2.5	Pass	
			0					3.85	-10.729	-0.0057	-2.5 to 2.5	Pass	
			10					3.85	-13.189	-0.0070	-2.5 to 2.5	Pass	
			30	3.85	-12.460	-0.0066	-2.5 to 2.5	Pass					
			40	3.85	-9.942	-0.0053	-2.5 to 2.5	Pass					
50	3.85	-8.354	-0.0044	-2.5 to 2.5	Pass								
1907.5	75	0	20	3.27	-4.177	-0.0022	-2.5 to 2.5	Pass					
				3.85	-3.977	-0.0021	-2.5 to 2.5	Pass					
				4.43	-4.120	-0.0022	-2.5 to 2.5	Pass					
			-30	3.85	-11.015	-0.0058	-2.5 to 2.5	Pass					
			-20	3.85	-4.163	-0.0022	-2.5 to 2.5	Pass					
			-10	3.85	-4.606	-0.0024	-2.5 to 2.5	Pass					
			0	3.85	-5.751	-0.0030	-2.5 to 2.5	Pass					
			10	3.85	-4.635	-0.0024	-2.5 to 2.5	Pass					
			30	3.85	-4.864	-0.0025	-2.5 to 2.5	Pass					
			40	3.85	-4.878	-0.0026	-2.5 to 2.5	Pass					
50	3.85	-3.834	-0.0020	-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	-1.116	-0.0006	-2.5 to 2.5	Pass				
									3.85	-4.563	-0.0025	-2.5 to 2.5	Pass
									4.43	-5.636	-0.0030	-2.5 to 2.5	Pass
									-30	3.85	-3.448	-0.0019	-2.5 to 2.5

				-20	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-2.446	-0.0013	-2.5 to 2.5	Pass
				10	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				30	3.85	-4.148	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-6.638	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-2.575	-0.0014	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-13.347	-0.0071	-2.5 to 2.5	Pass
					3.85	-4.034	-0.0021	-2.5 to 2.5	Pass
					4.43	-2.990	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-5.765	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-2.646	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-3.920	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-3.676	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-4.663	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-4.449	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-3.390	-0.0018	-2.5 to 2.5	Pass
	50	3.85	-2.031	-0.0011	-2.5 to 2.5	Pass			
	1905	100	0	20	3.27	-4.535	-0.0024	-2.5 to 2.5	Pass
					3.85	-6.180	-0.0032	-2.5 to 2.5	Pass
					4.43	-6.008	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-3.791	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-3.705	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-0.815	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-4.735	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-6.309	-0.0033	-2.5 to 2.5	Pass
40				3.85	-4.420	-0.0023	-2.5 to 2.5	Pass	
50	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass				
16QAM	1860	100	0	20	3.27	-4.835	-0.0026	-2.5 to 2.5	Pass
					3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
					4.43	-4.878	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-3.133	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-8.941	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-3.777	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-4.764	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-4.506	-0.0024	-2.5 to 2.5	Pass
	50	3.85	-7.367	-0.0040	-2.5 to 2.5	Pass			
	1882.5	100	0	20	3.27	-1.888	-0.0010	-2.5 to 2.5	Pass
					3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
					4.43	-3.190	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-3.662	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-3.548	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-9.313	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-4.392	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-1.502	-0.0008	-2.5 to 2.5	Pass
	50	3.85	-2.518	-0.0013	-2.5 to 2.5	Pass			
	1905	100	0	20	3.27	-5.608	-0.0029	-2.5 to 2.5	Pass
					3.85	-6.380	-0.0033	-2.5 to 2.5	Pass
					4.43	-6.909	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-7.939	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-5.994	-0.0031	-2.5 to 2.5	Pass
-10				3.85	-3.290	-0.0017	-2.5 to 2.5	Pass	
0				3.85	-6.351	-0.0033	-2.5 to 2.5	Pass	
10	3.85	-5.307	-0.0028	-2.5 to 2.5	Pass				

				30	3.85	-4.835	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-4.463	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-2.174	-0.0011	-2.5 to 2.5	Pass

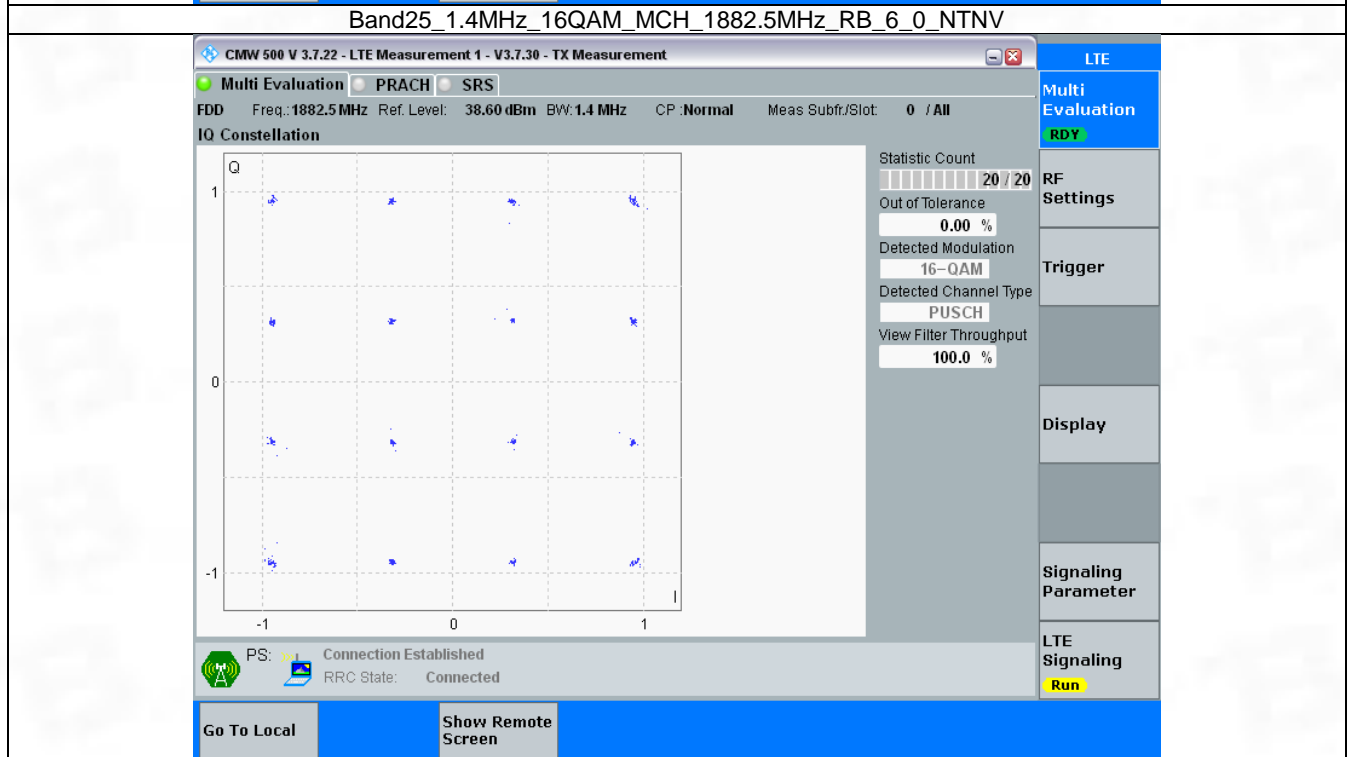
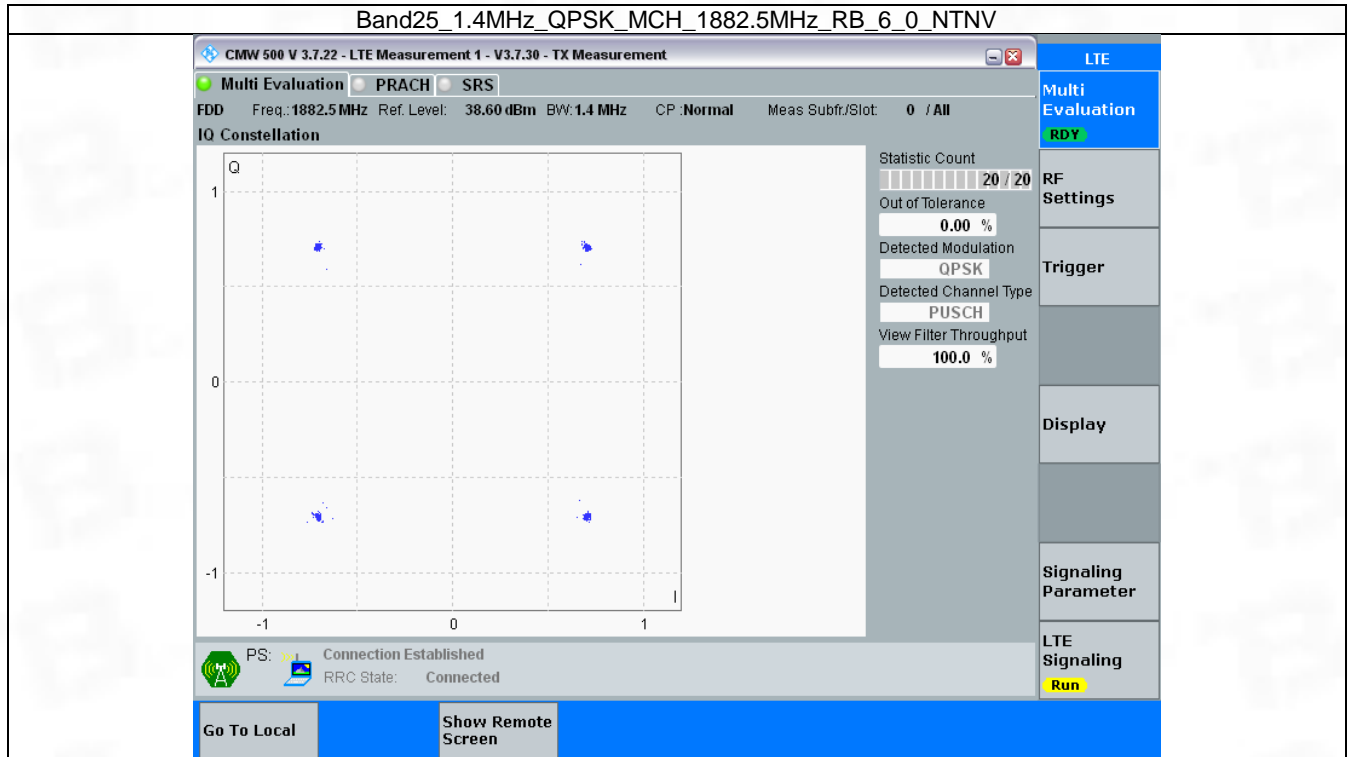
### 3. Modulation Characteristics

#### 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



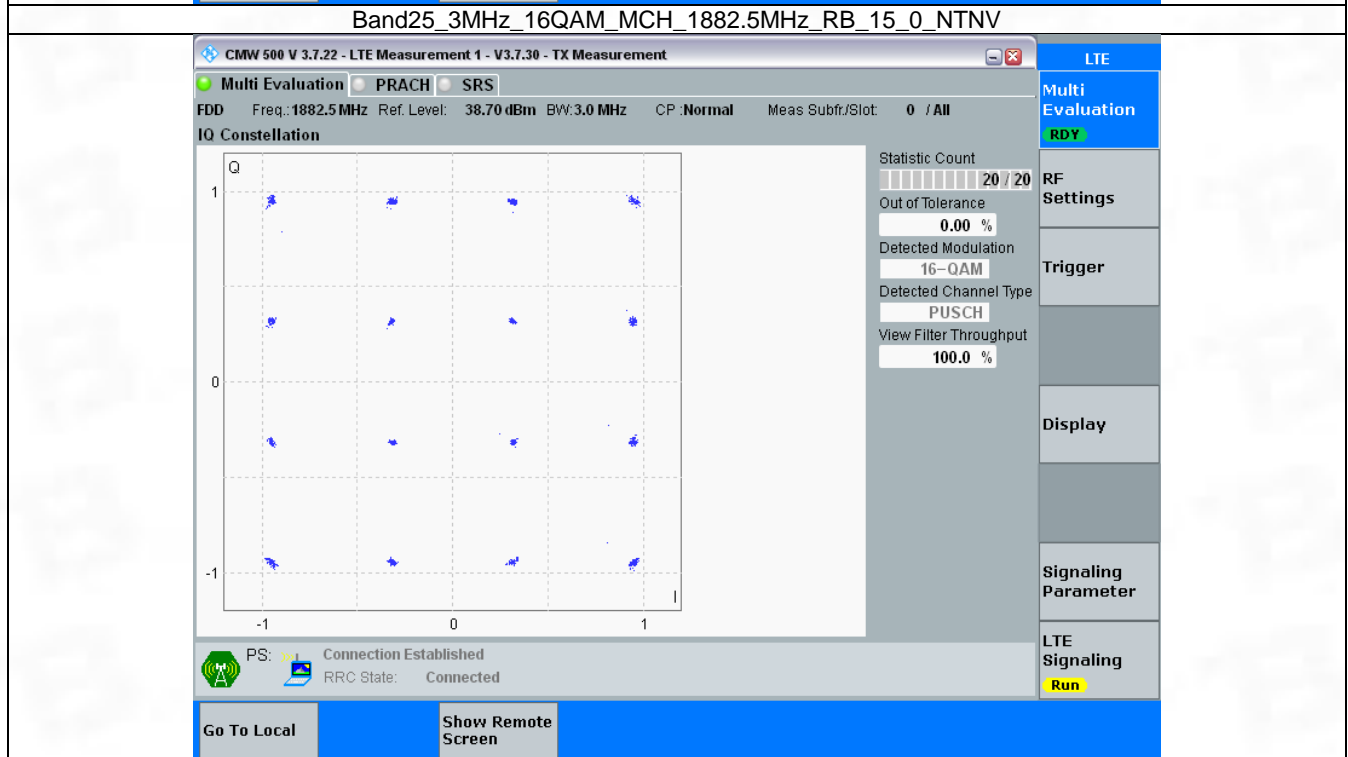
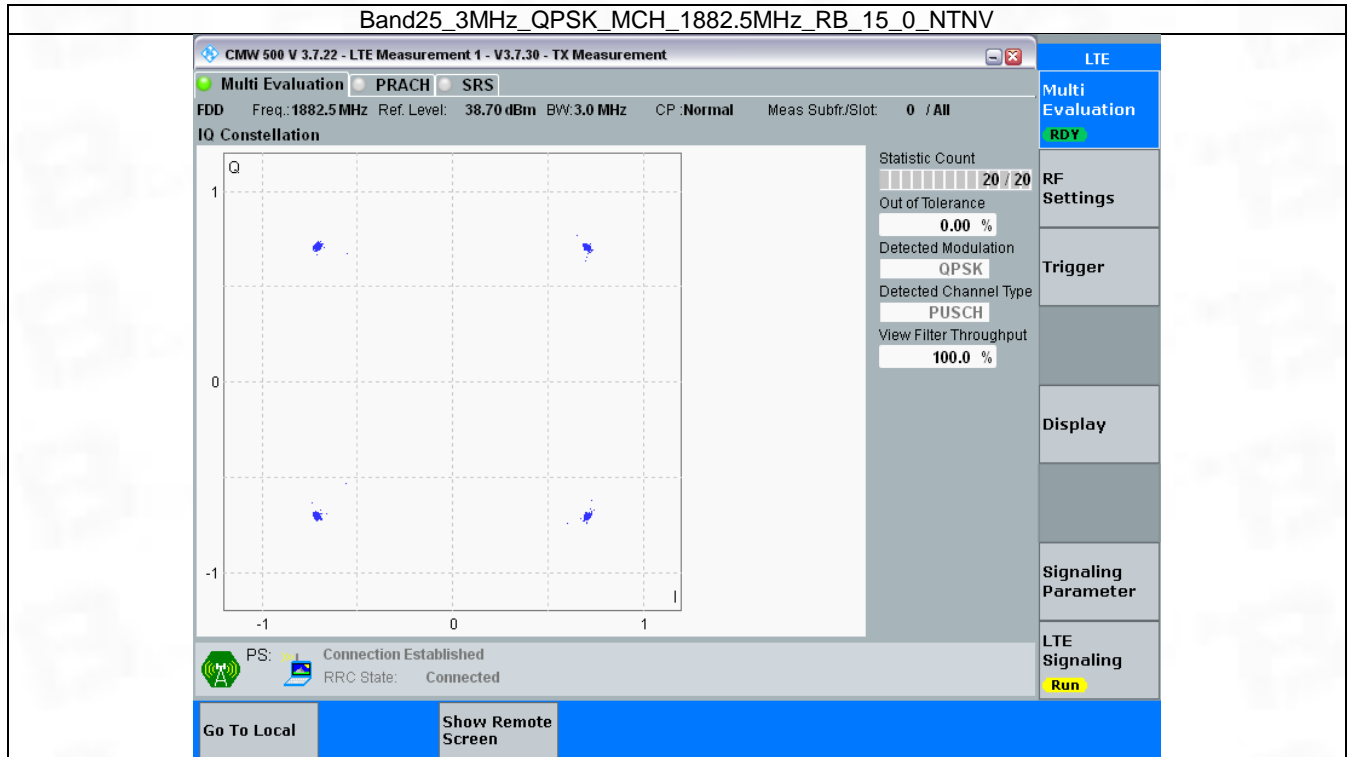
### 3.2 B25\_3MHz

#### 3.2.1 Test Result

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



### 3.2.2 Test Graph

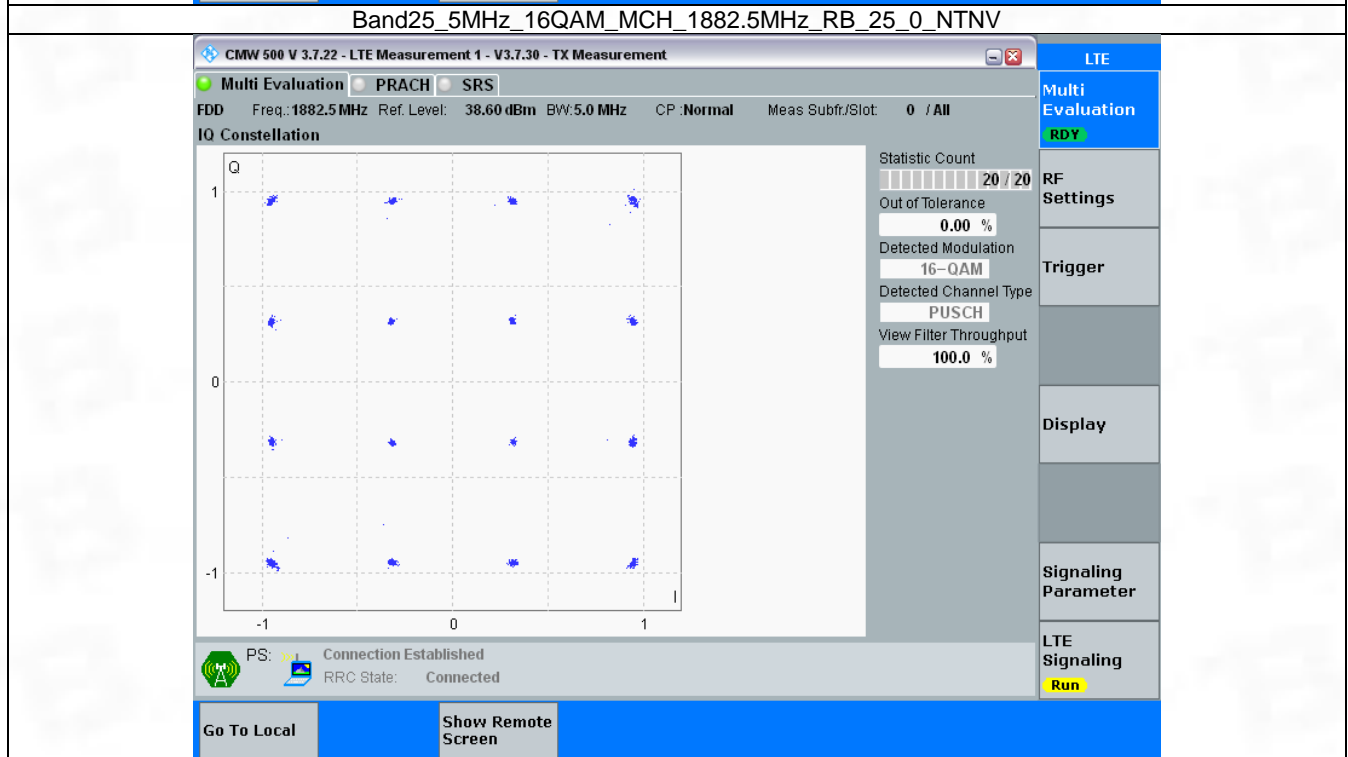
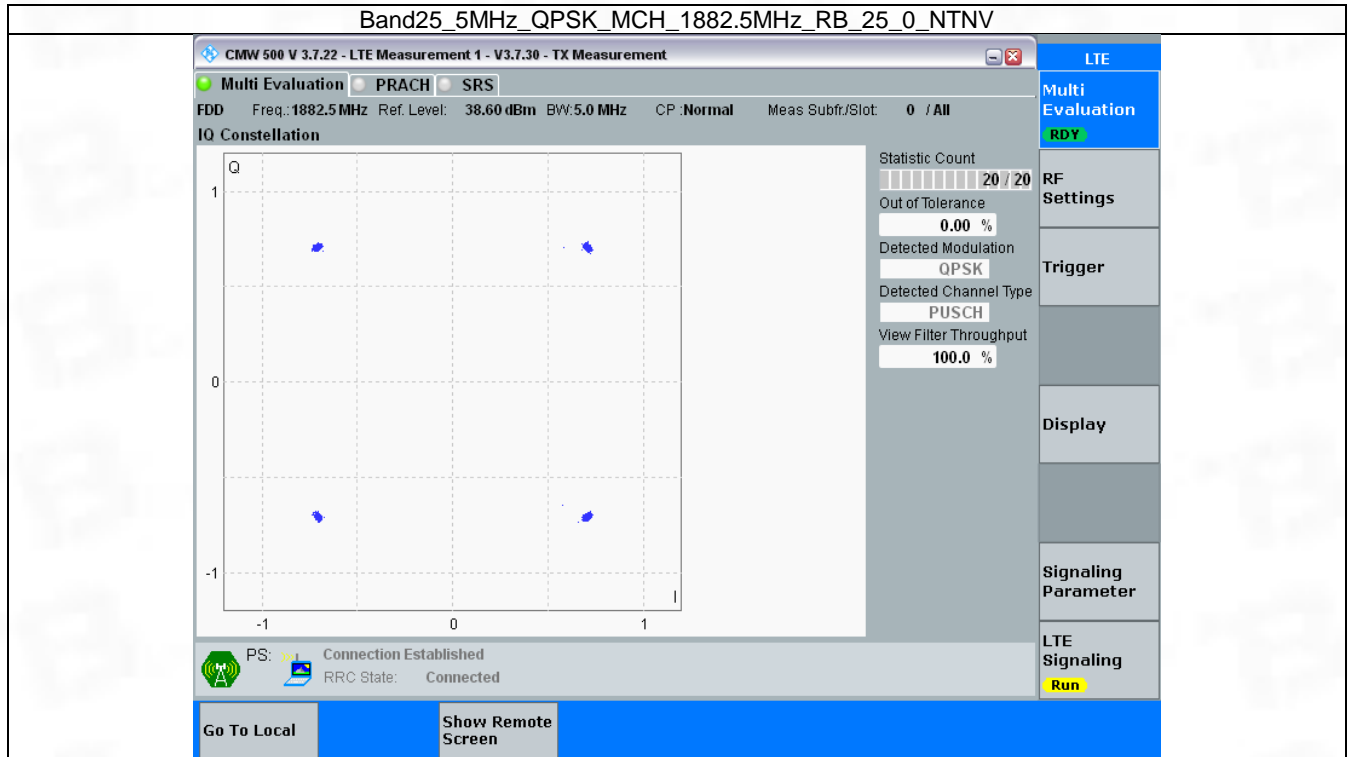


### 3.3 B25\_5MHz

#### 3.3.1 Test Result

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

### 3.3.2 Test Graph

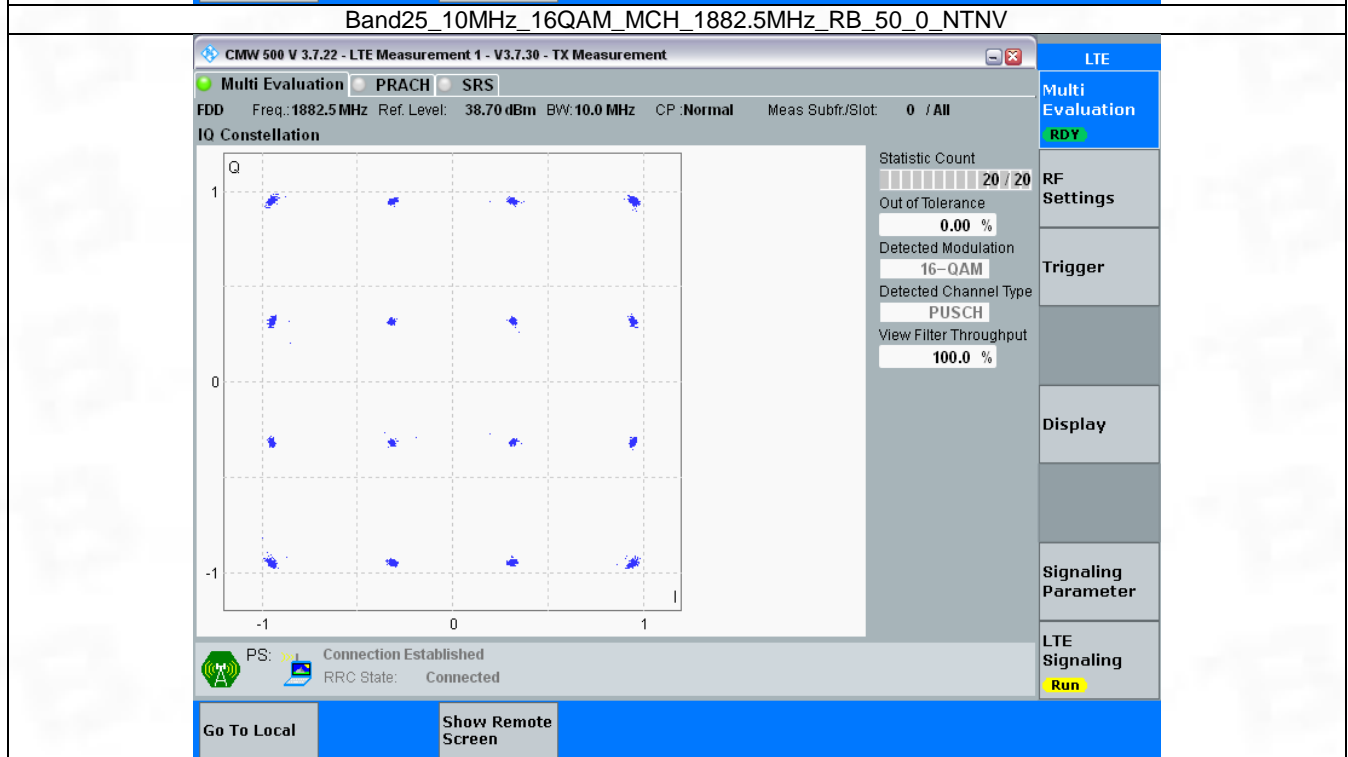
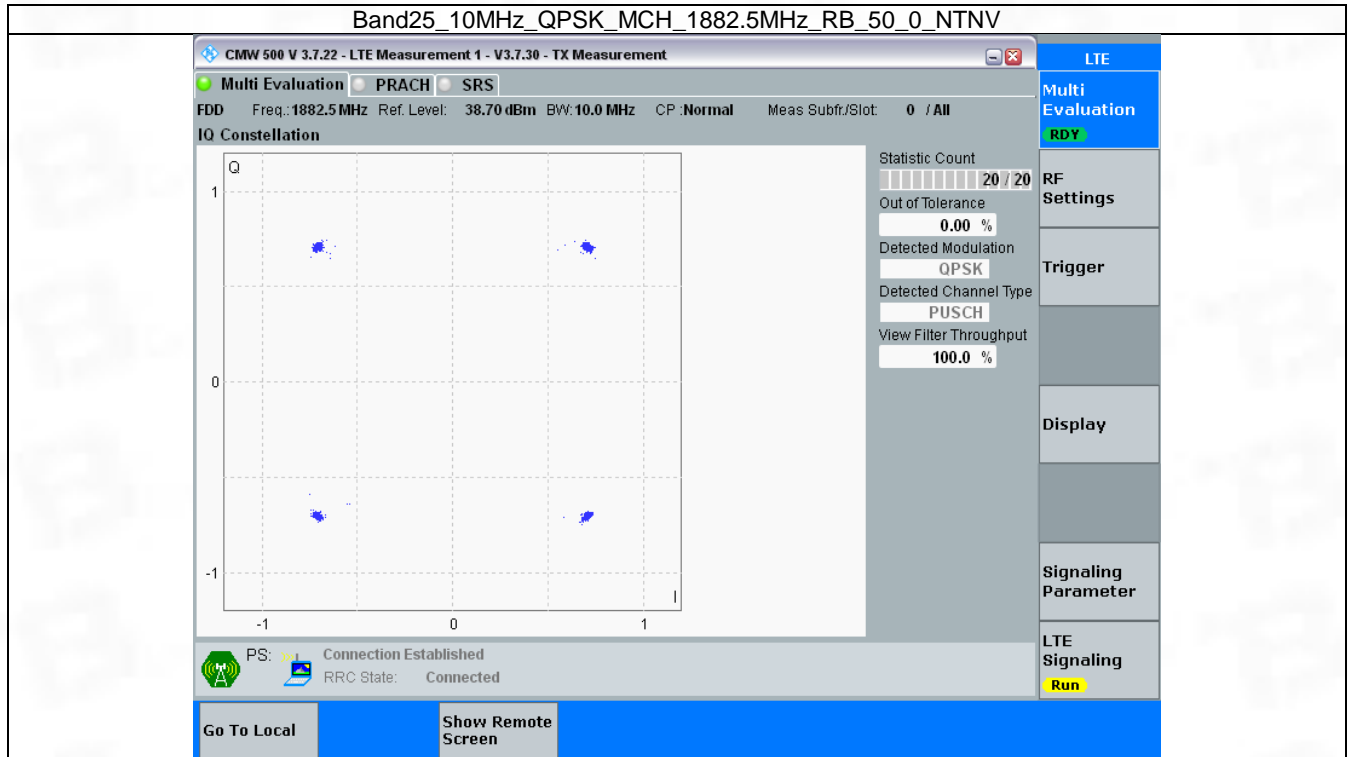


### 3.4 B25\_10MHz

#### 3.4.1 Test Result

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

### 3.4.2 Test Graph

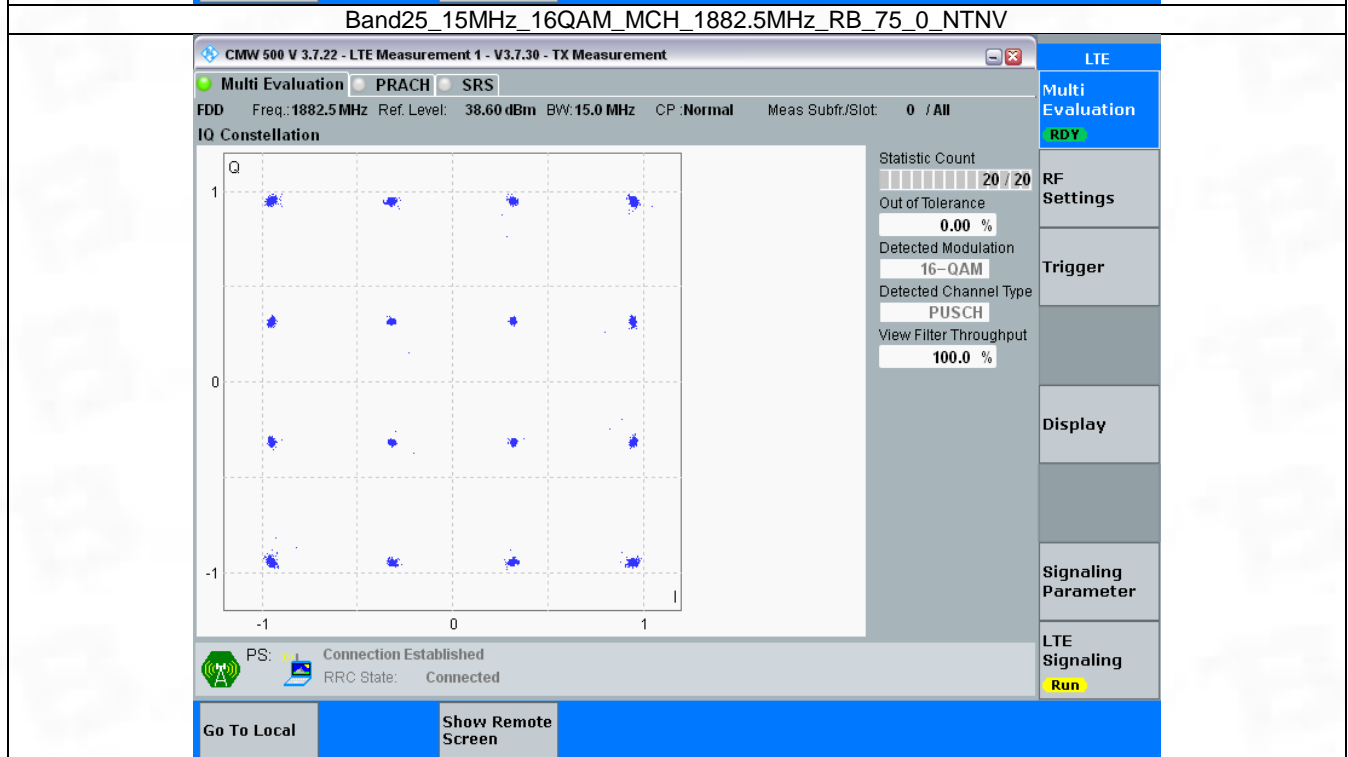
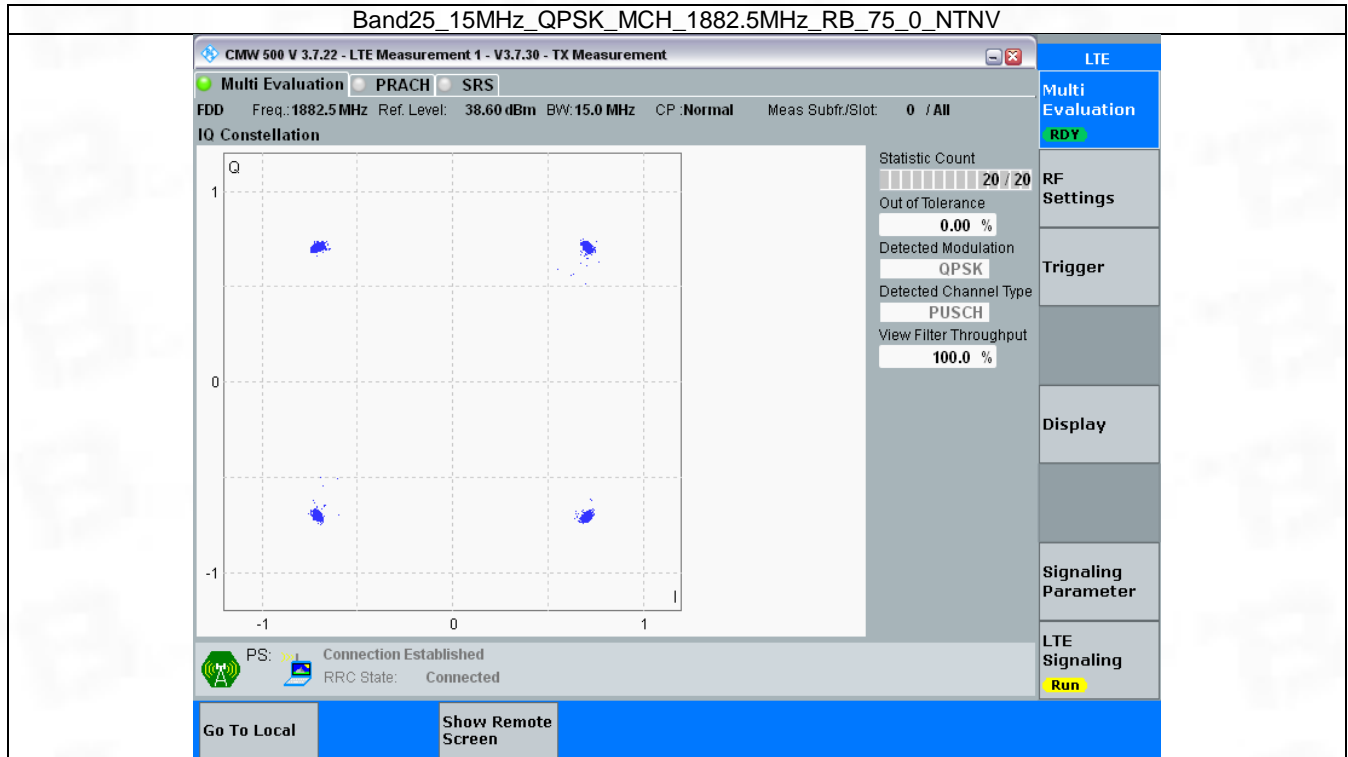


### 3.5 B25\_15MHz

#### 3.5.1 Test Result

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

### 3.5.2 Test Graph



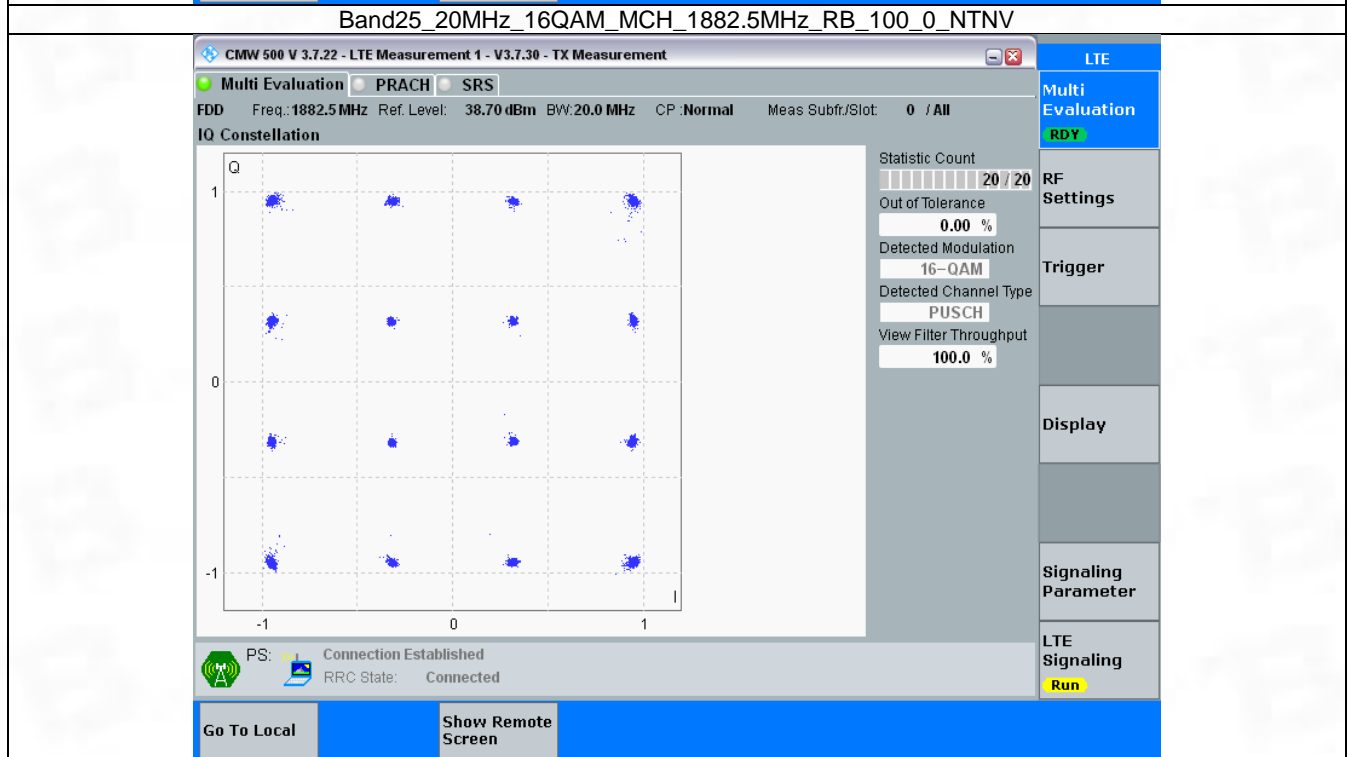
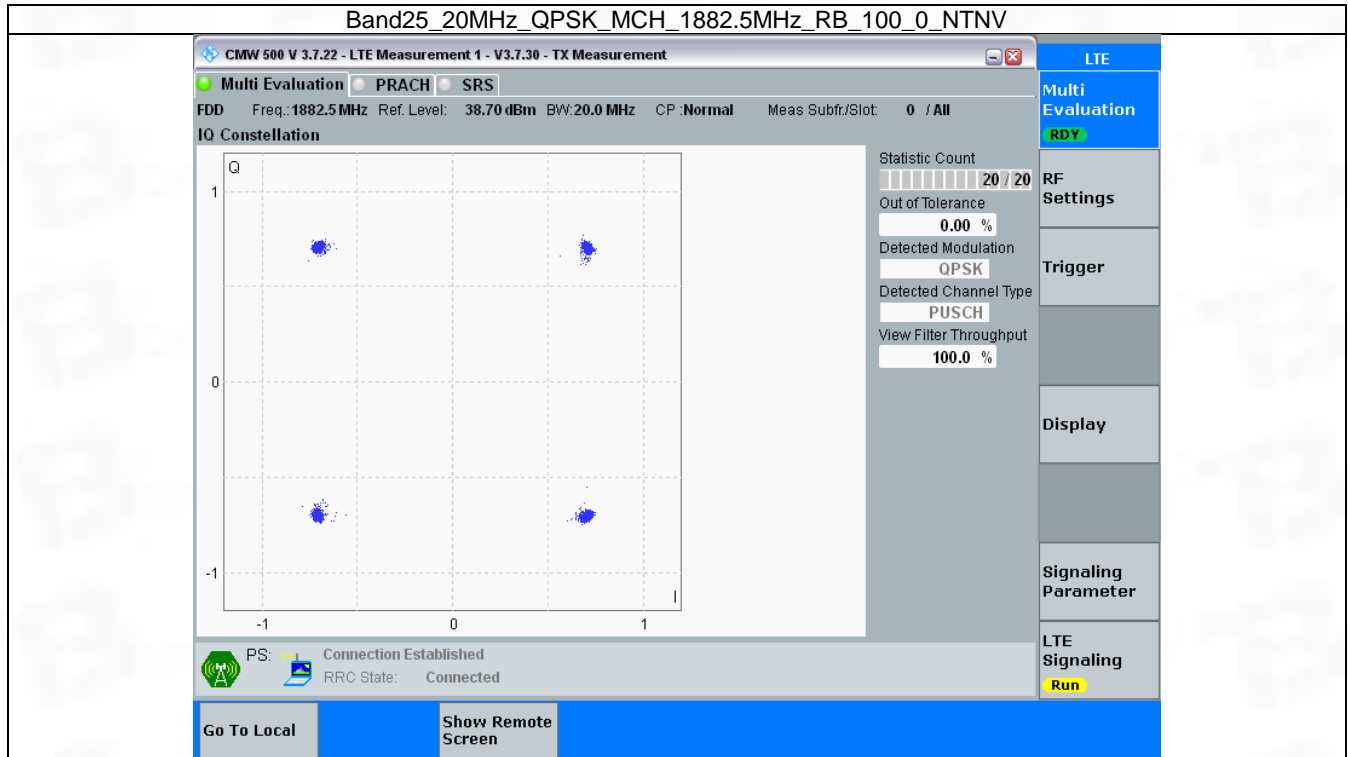
### 3.6 B25\_20MHz

#### 3.6.1 Test Result

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



### 3.6.2 Test Graph



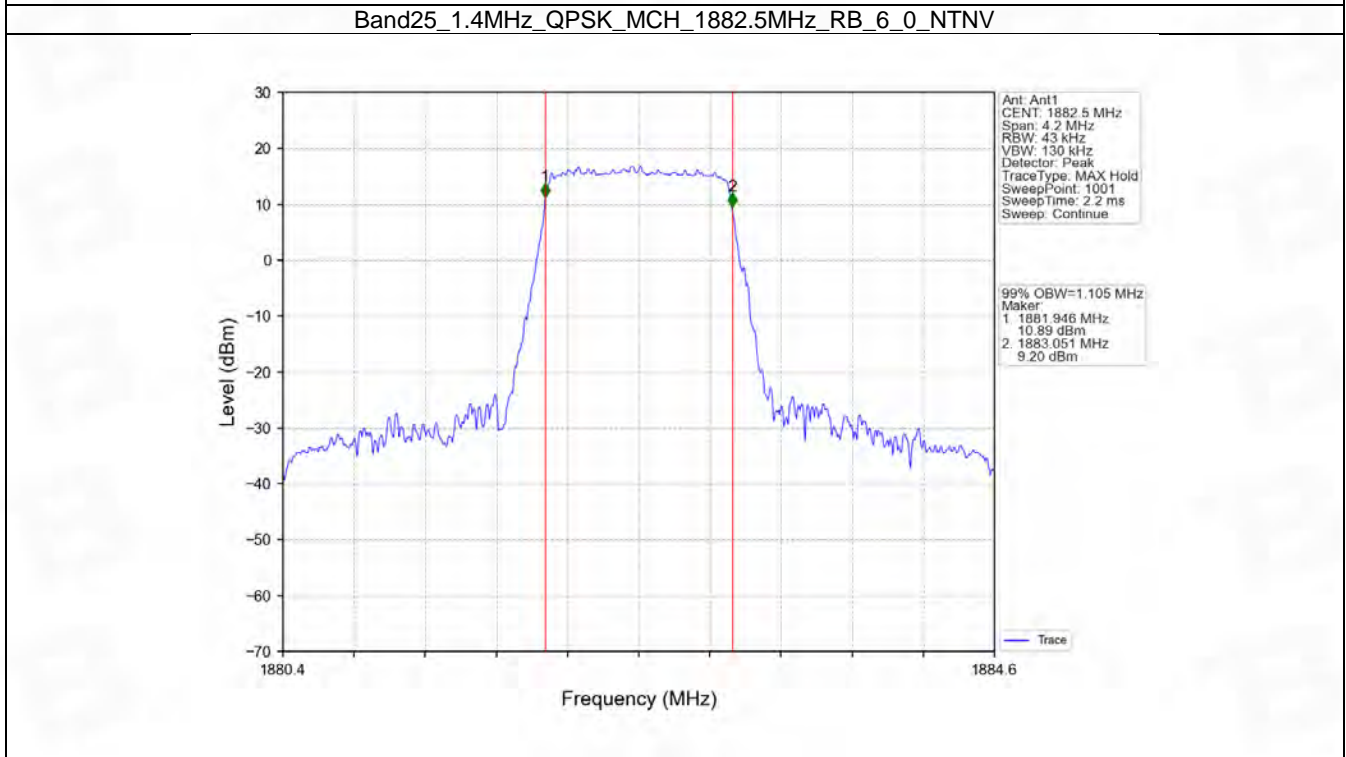
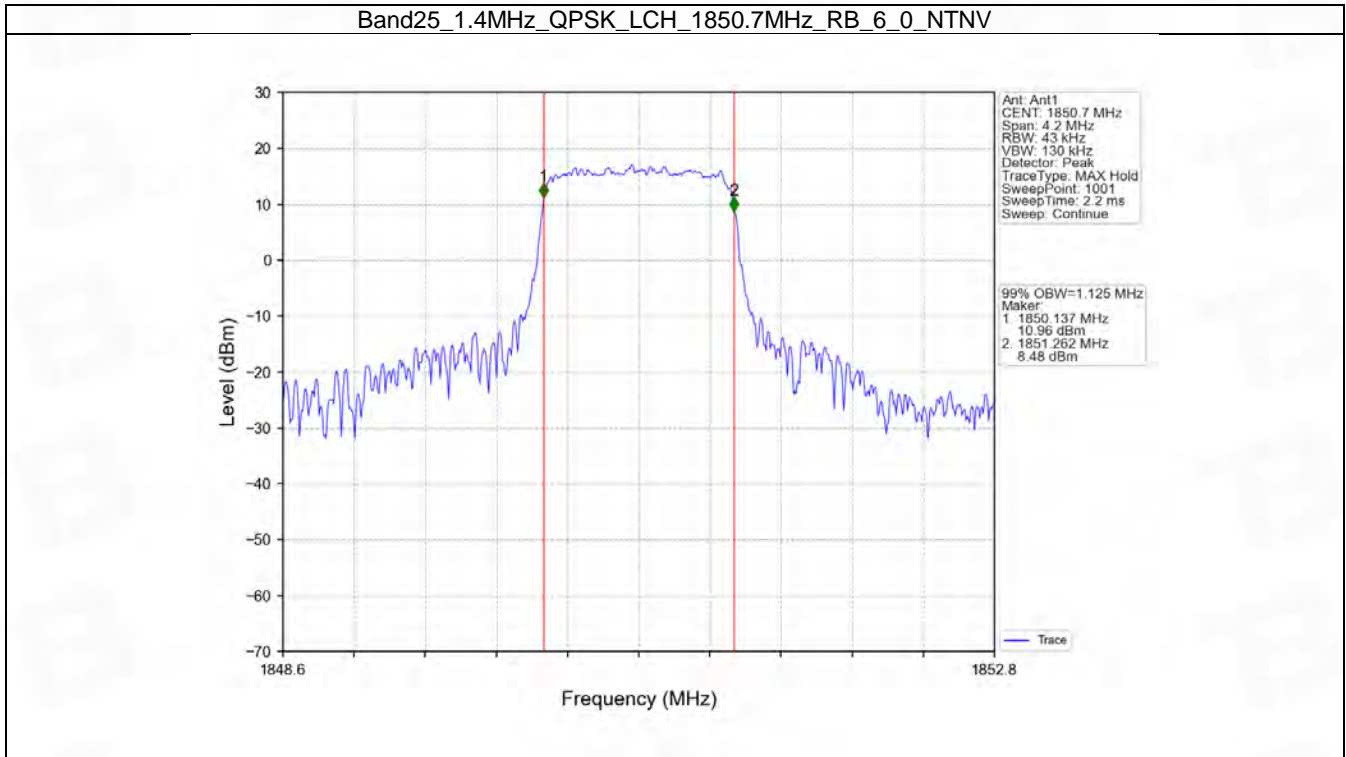
## 4. 99% & 26dB Bandwidth

### 4.1 Band25\_OBW

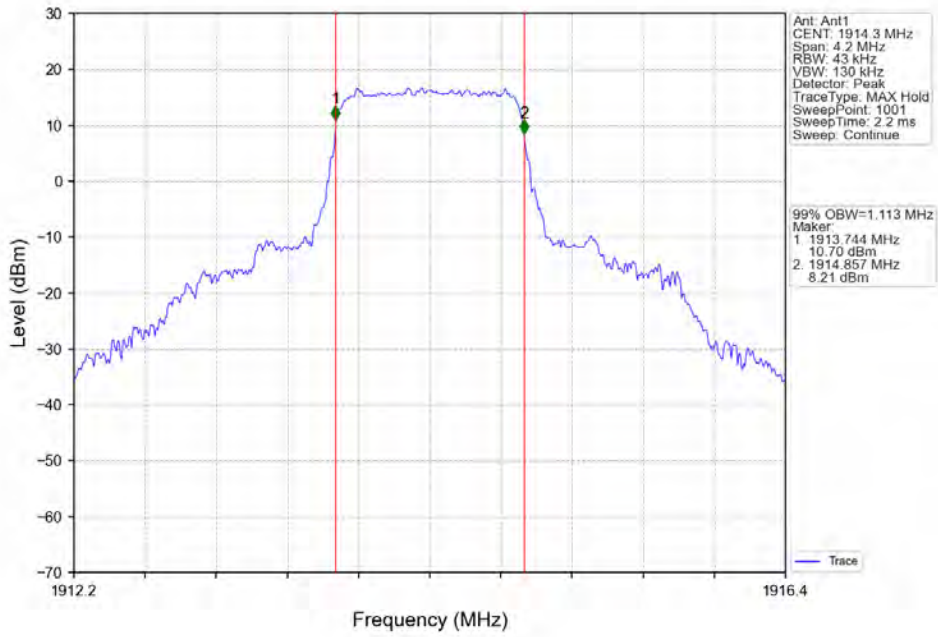
#### 4.1.1 Test Result

Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.125	Pass
		1882.5	6	0	1.105	Pass
		1914.3	6	0	1.113	Pass
	16QAM	1850.7	6	0	1.106	Pass
		1882.5	6	0	1.107	Pass
		1914.3	6	0	1.118	Pass
3	QPSK	1851.5	15	0	2.735	Pass
		1882.5	15	0	2.714	Pass
		1913.5	15	0	2.730	Pass
	16QAM	1851.5	15	0	2.719	Pass
		1882.5	15	0	2.725	Pass
		1913.5	15	0	2.729	Pass
5	QPSK	1852.5	25	0	4.568	Pass
		1882.5	25	0	4.570	Pass
		1912.5	25	0	4.597	Pass
	16QAM	1852.5	25	0	4.576	Pass
		1882.5	25	0	4.575	Pass
		1912.5	25	0	4.592	Pass
10	QPSK	1855	50	0	9.107	Pass
		1882.5	50	0	9.062	Pass
		1910	50	0	9.140	Pass
	16QAM	1855	50	0	9.084	Pass
		1882.5	50	0	9.083	Pass
		1910	50	0	9.118	Pass
15	QPSK	1857.5	75	0	13.668	Pass
		1882.5	75	0	13.609	Pass
		1907.5	75	0	13.672	Pass
	16QAM	1857.5	75	0	13.681	Pass
		1882.5	75	0	13.617	Pass
		1907.5	75	0	13.655	Pass
20	QPSK	1860	100	0	18.255	Pass
		1882.5	100	0	18.238	Pass
		1905	100	0	18.197	Pass
	16QAM	1860	100	0	18.272	Pass
		1882.5	100	0	18.187	Pass
		1905	100	0	18.179	Pass

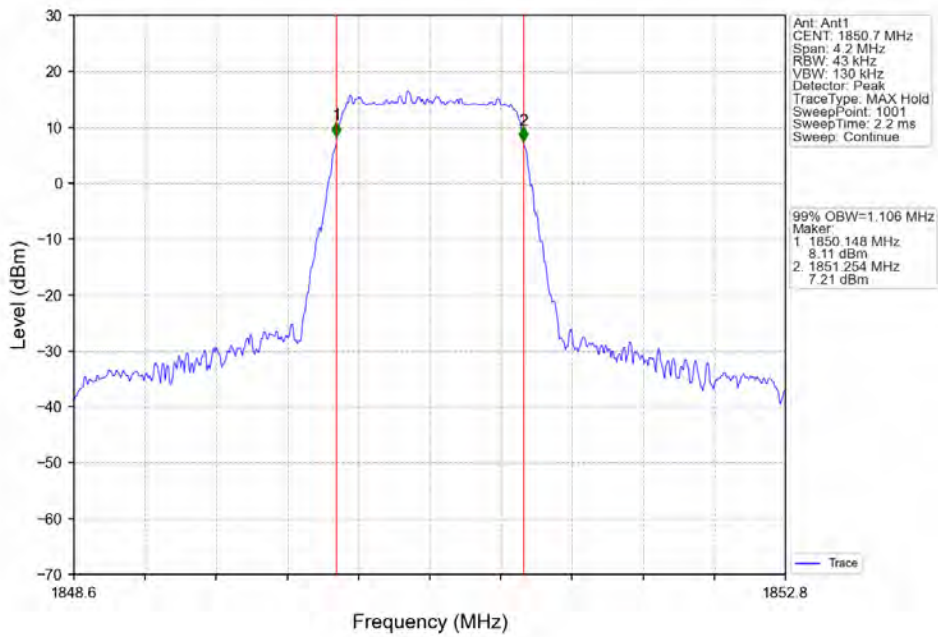
### 4.1.2 Test Graph



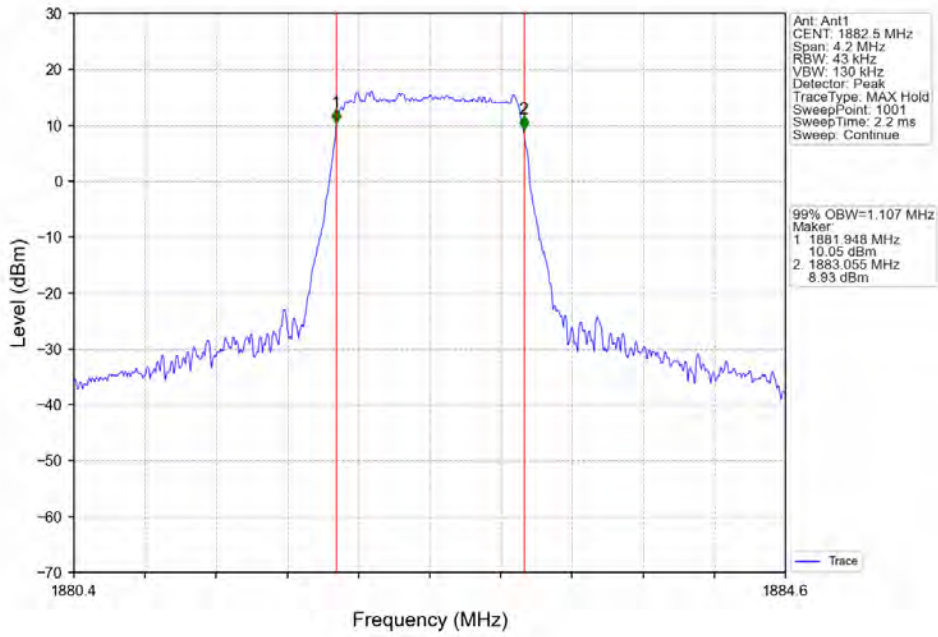
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



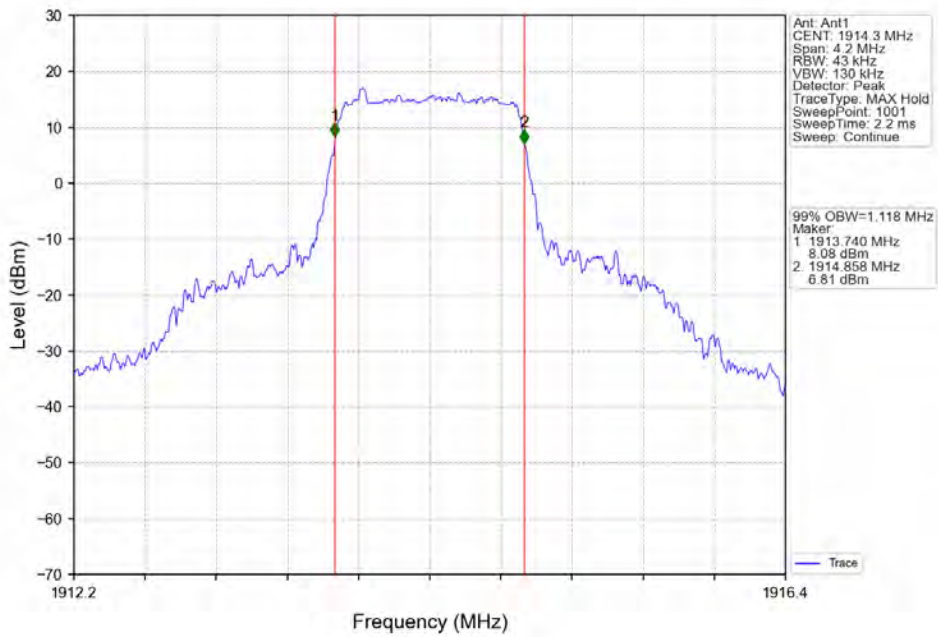
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



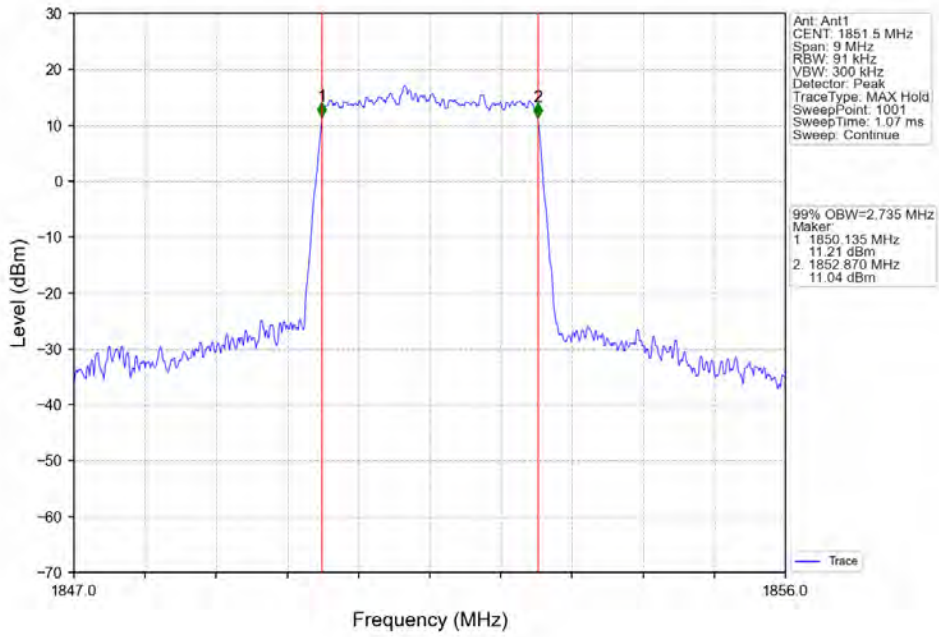
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_6\_0\_NTNV



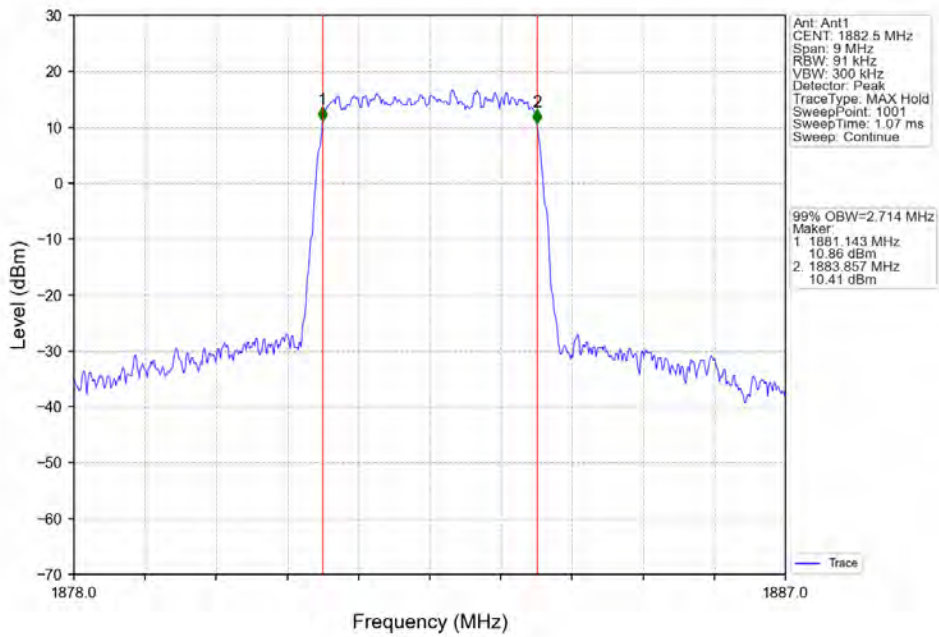
Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



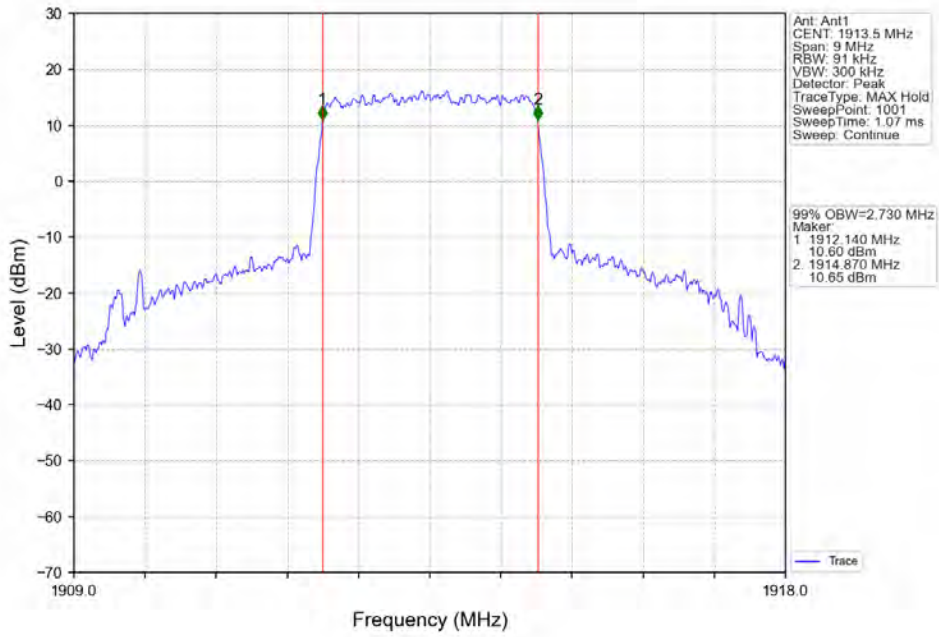
Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



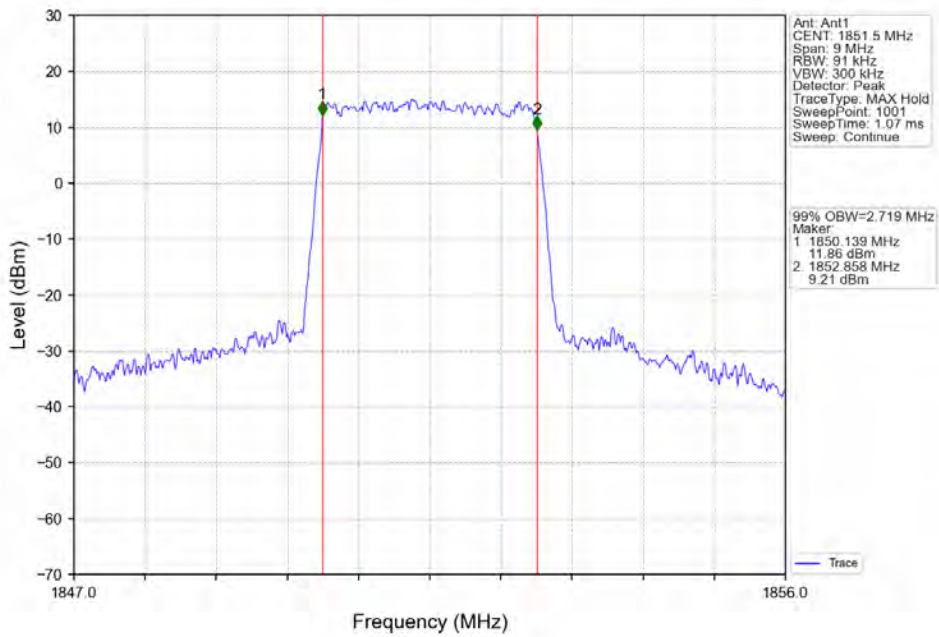
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



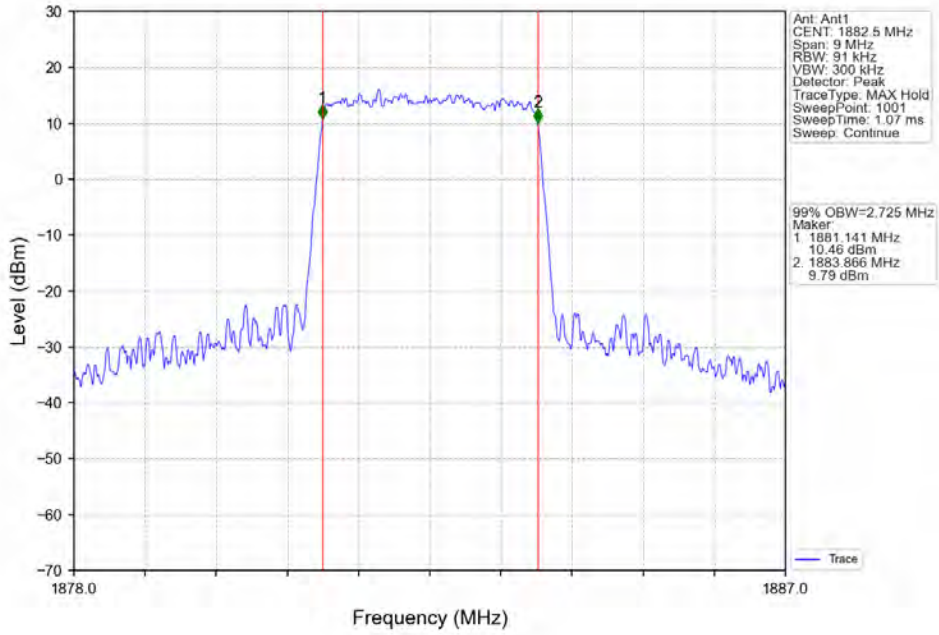
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



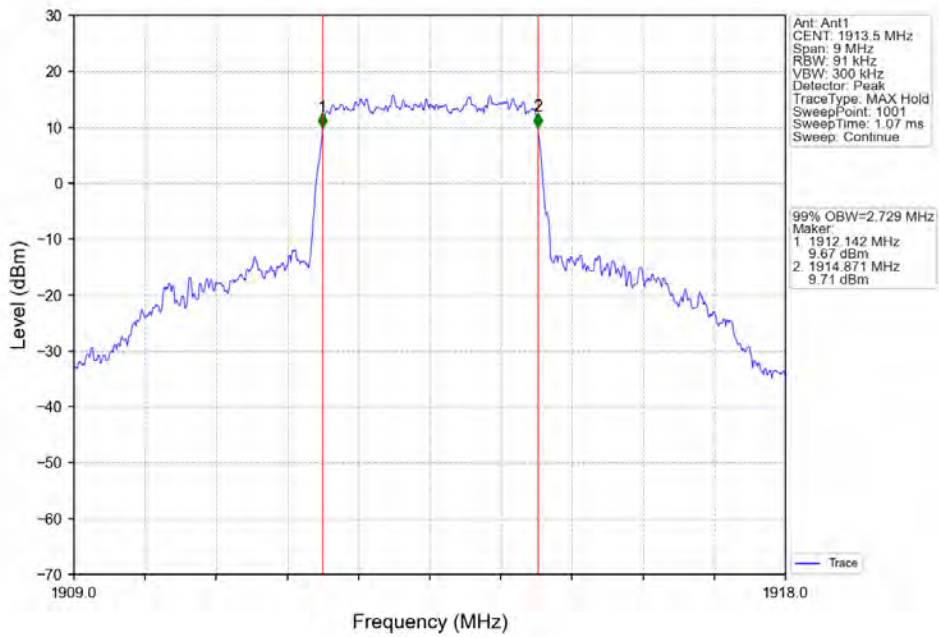
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



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

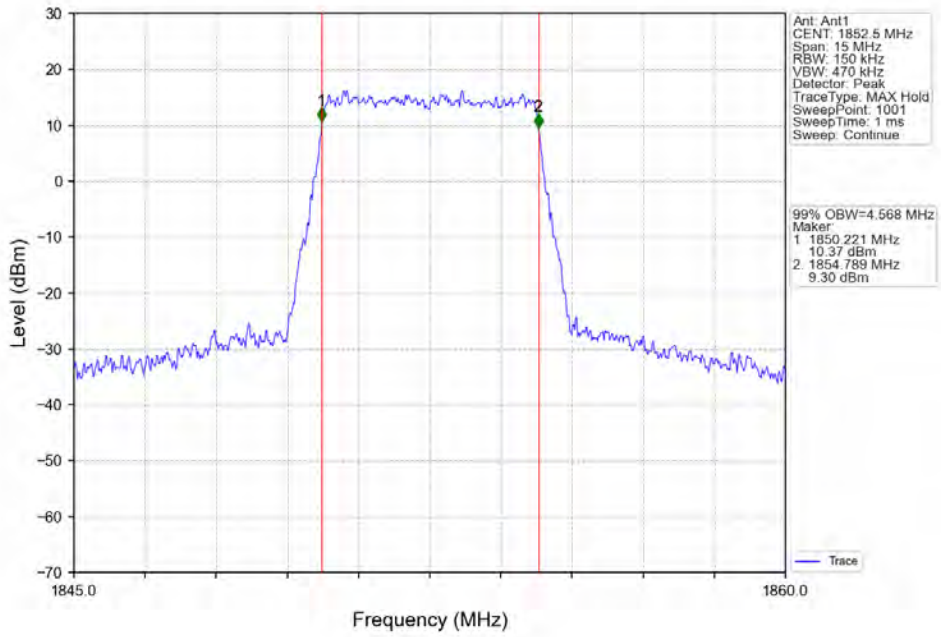


Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV

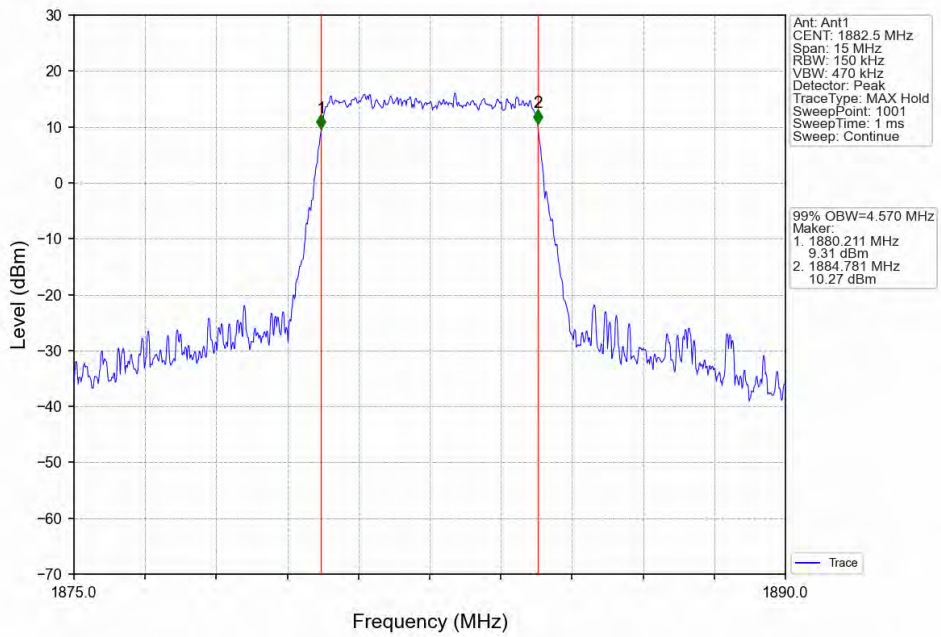




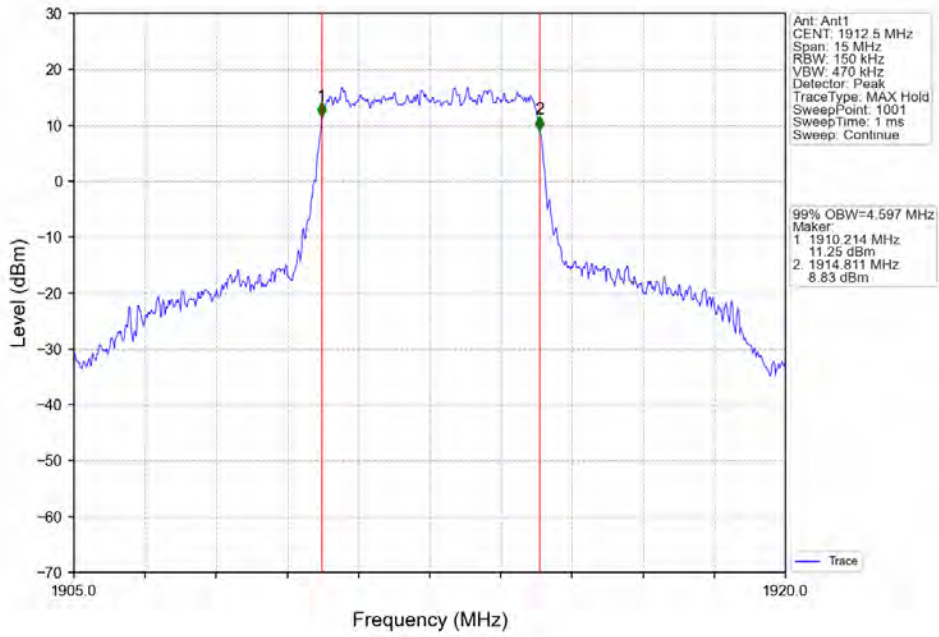
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



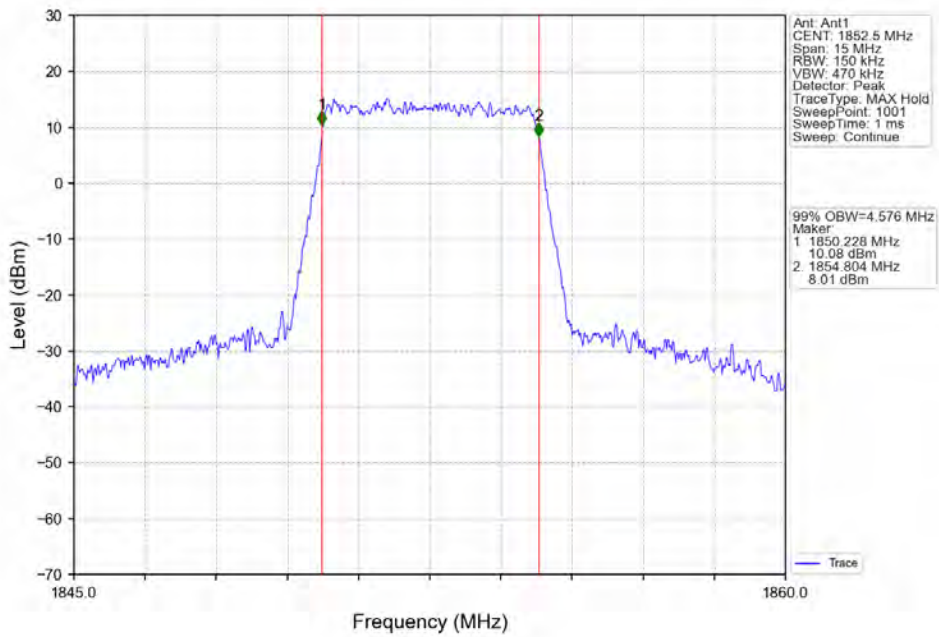
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



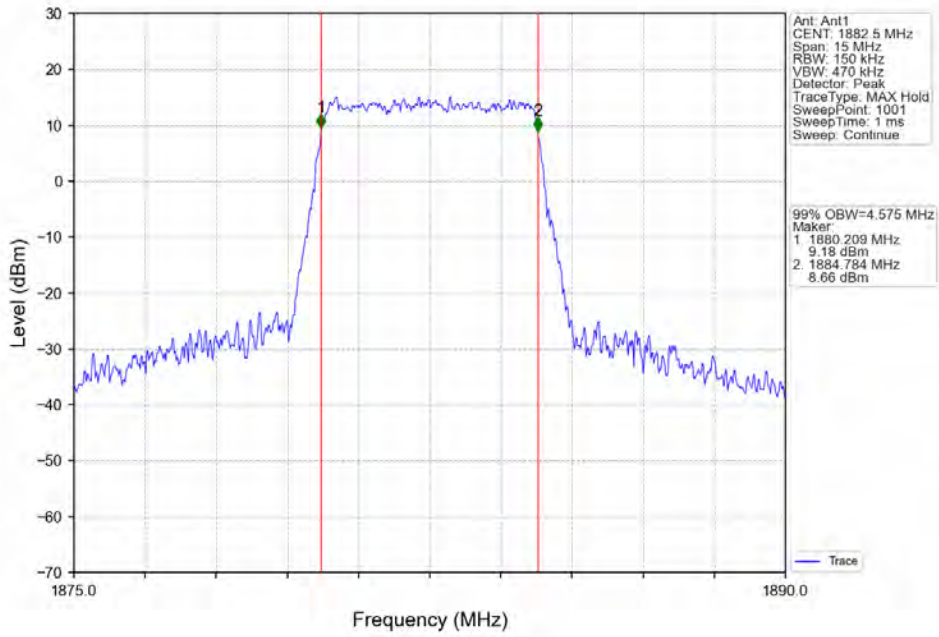
Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



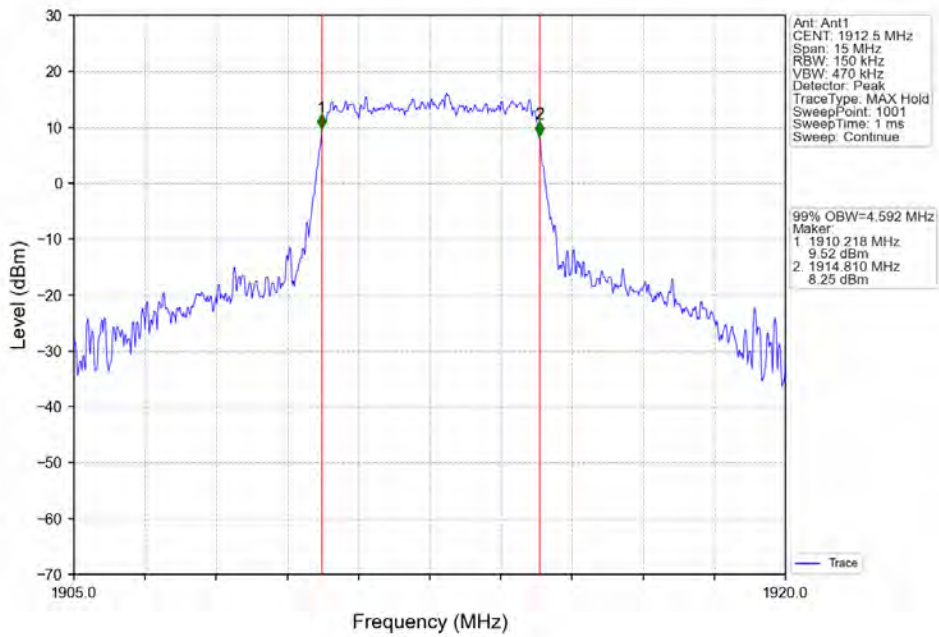
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



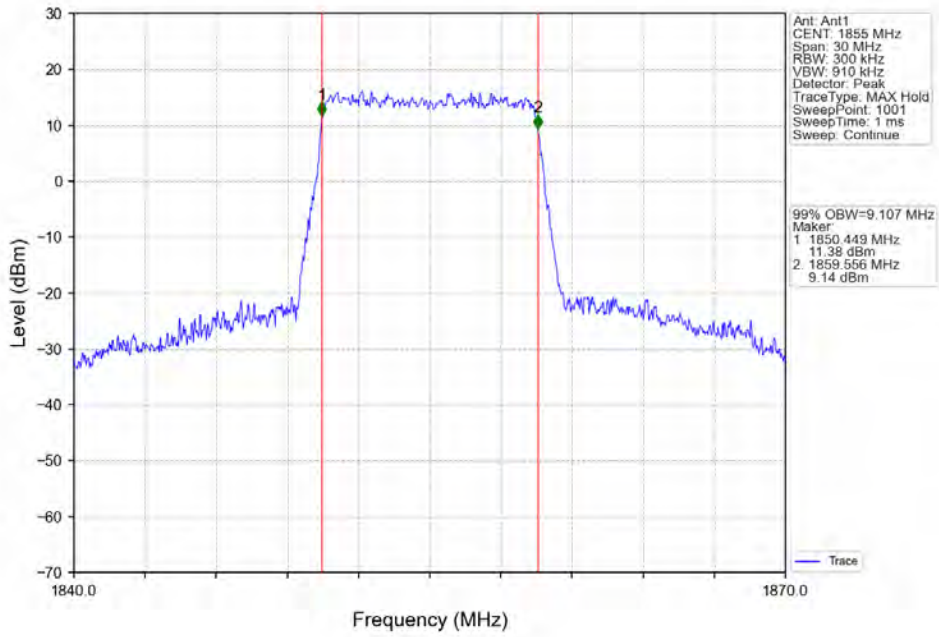
Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



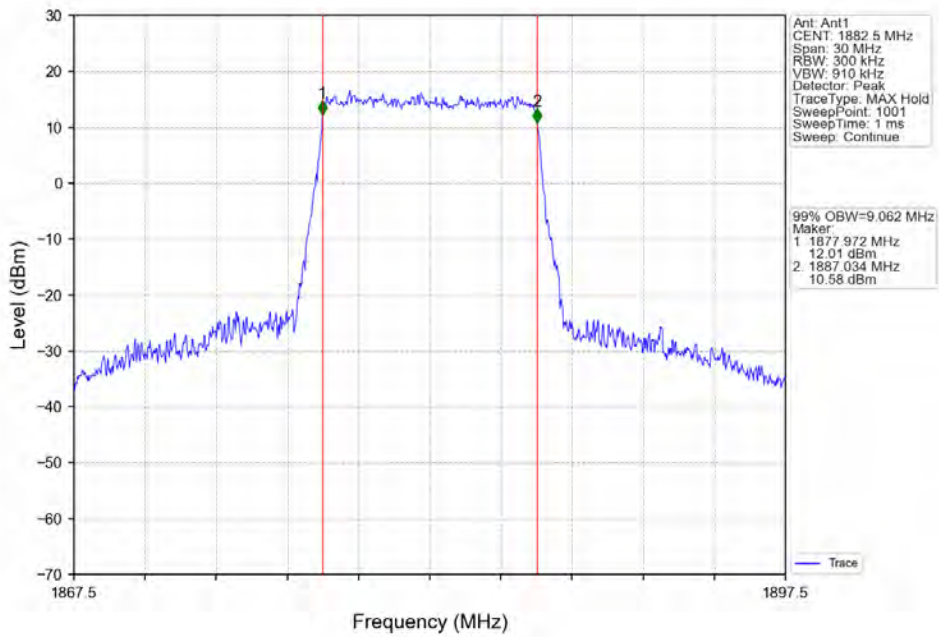
Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



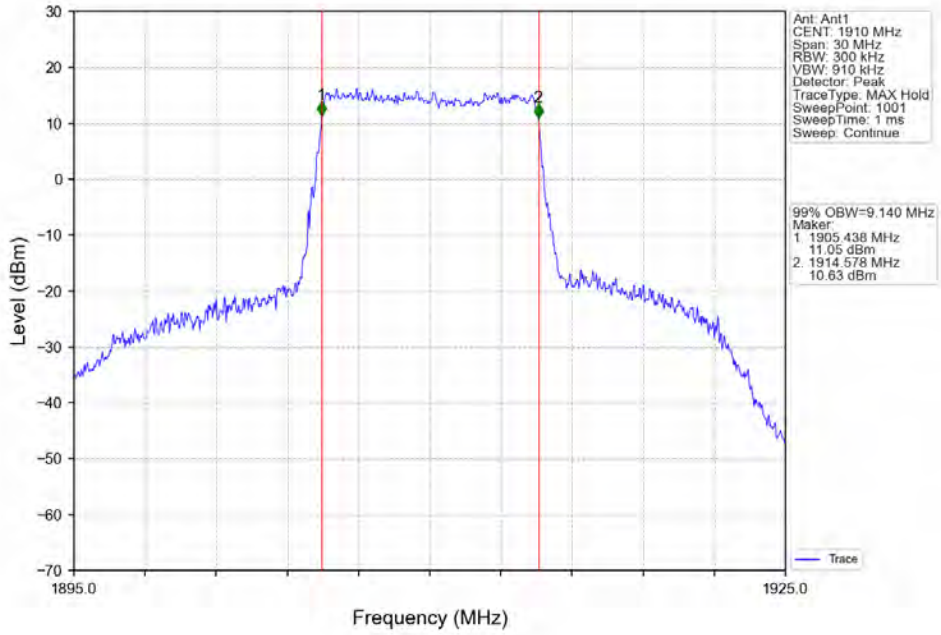
Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



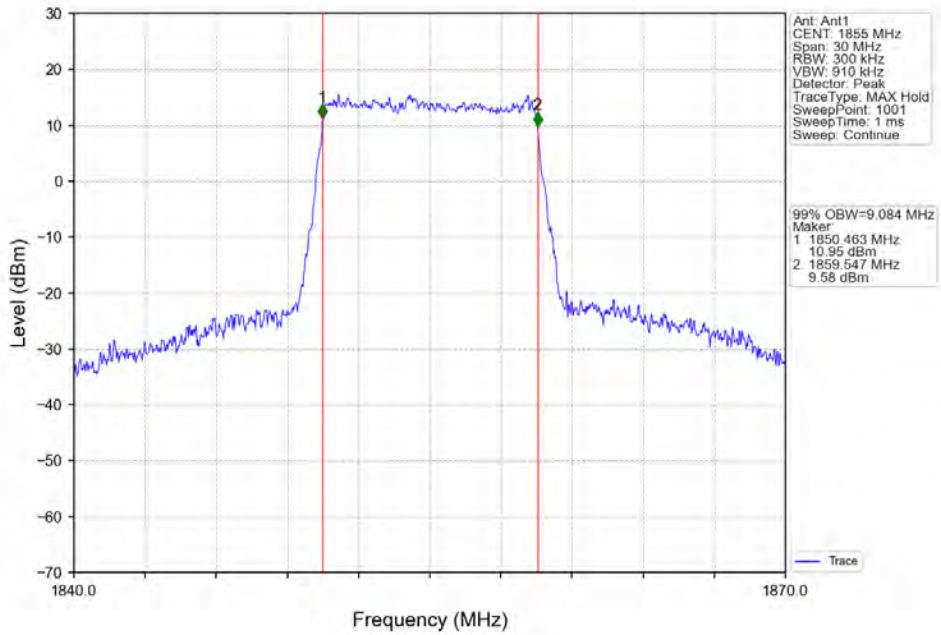
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



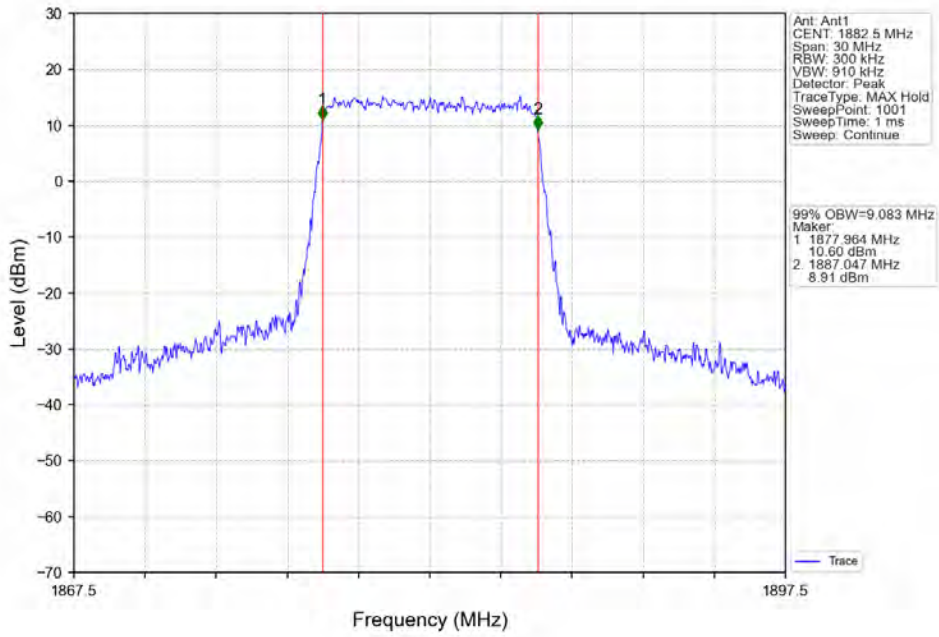
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTNV



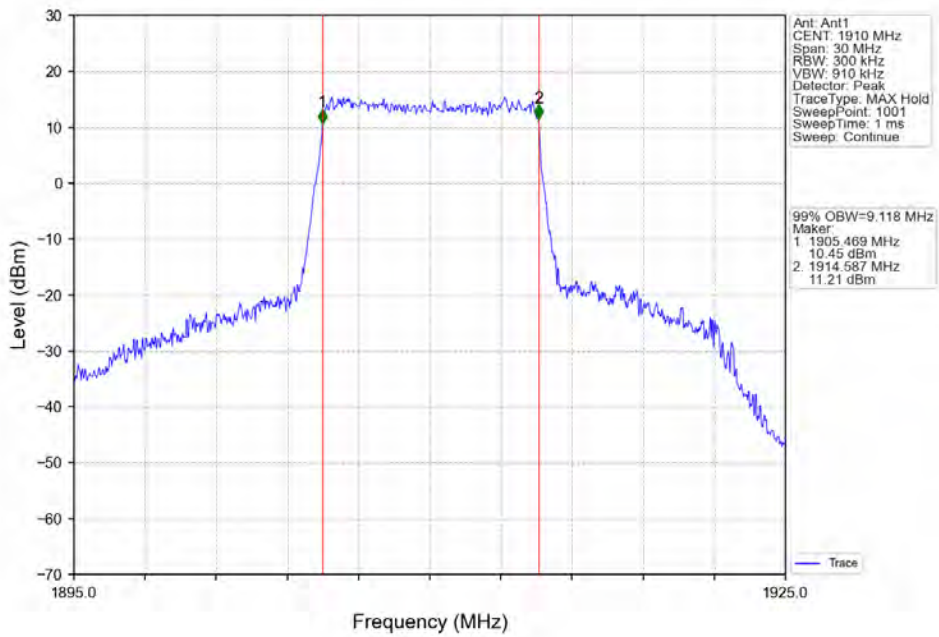
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



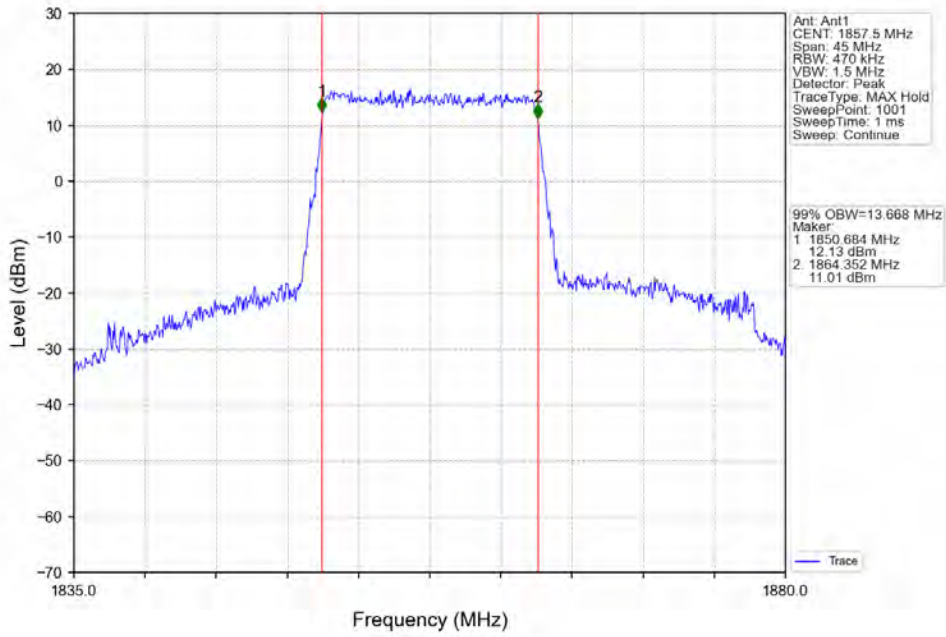
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



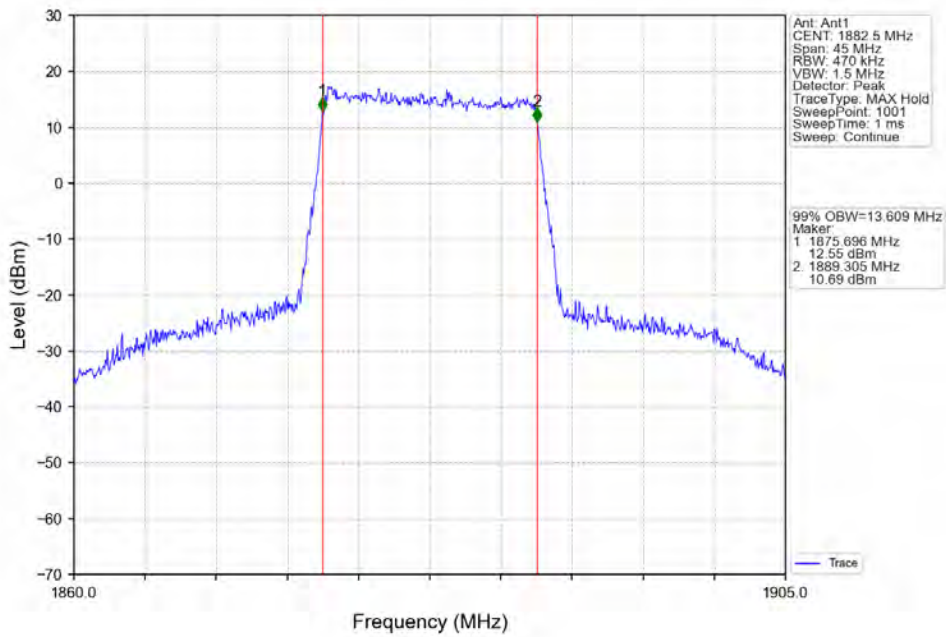
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_50\_0\_NTNV



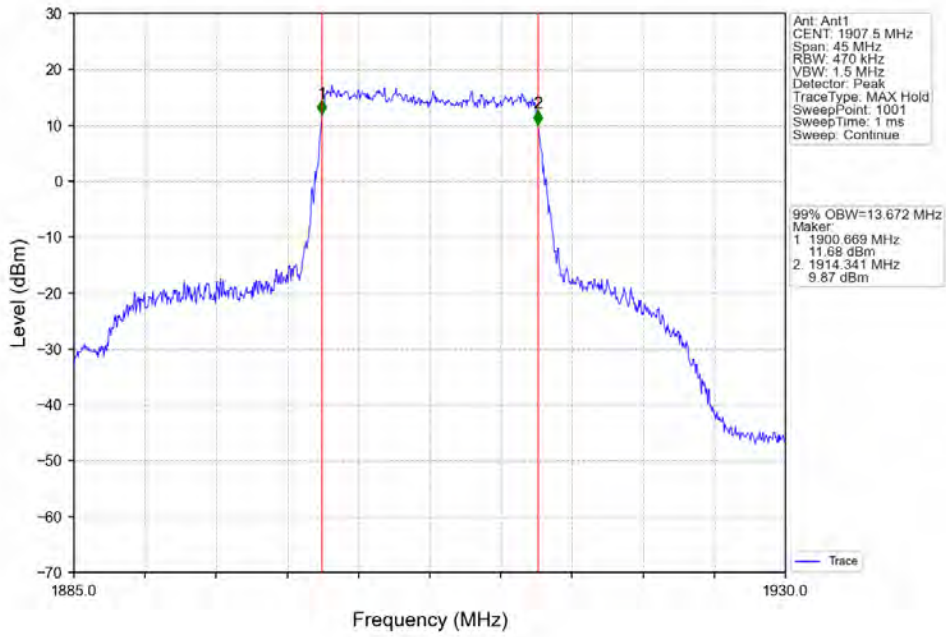
Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



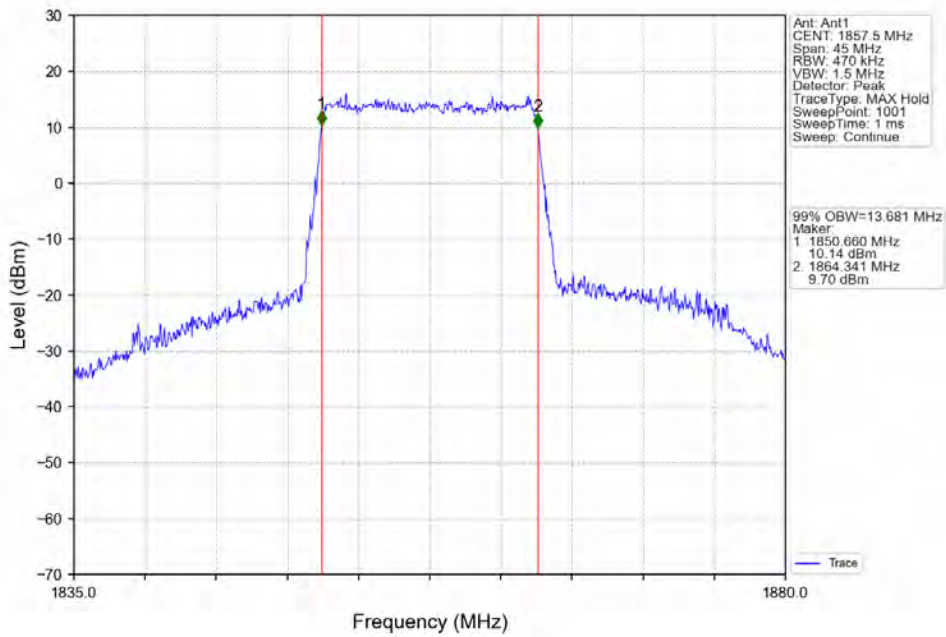
Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



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

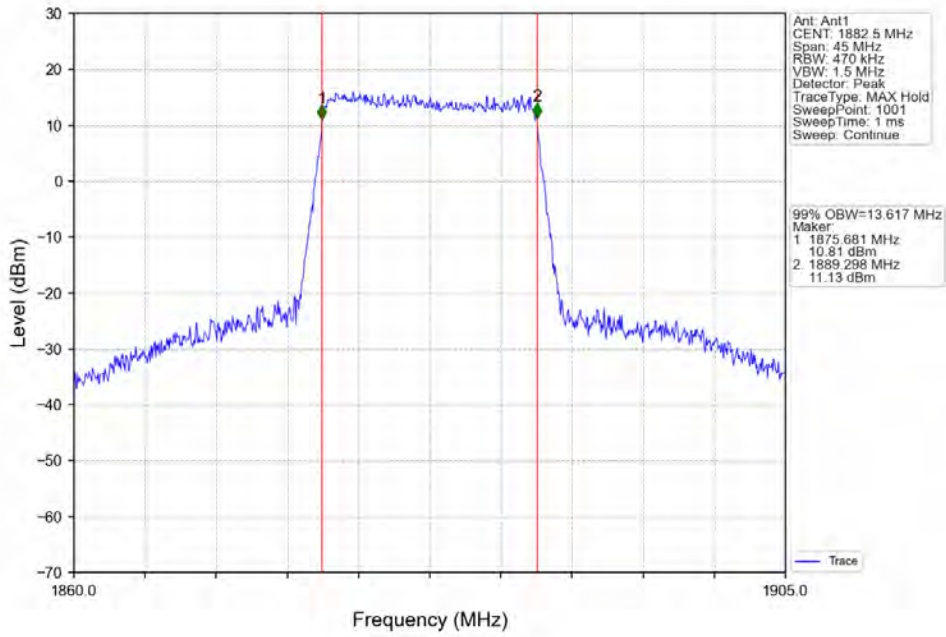


Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

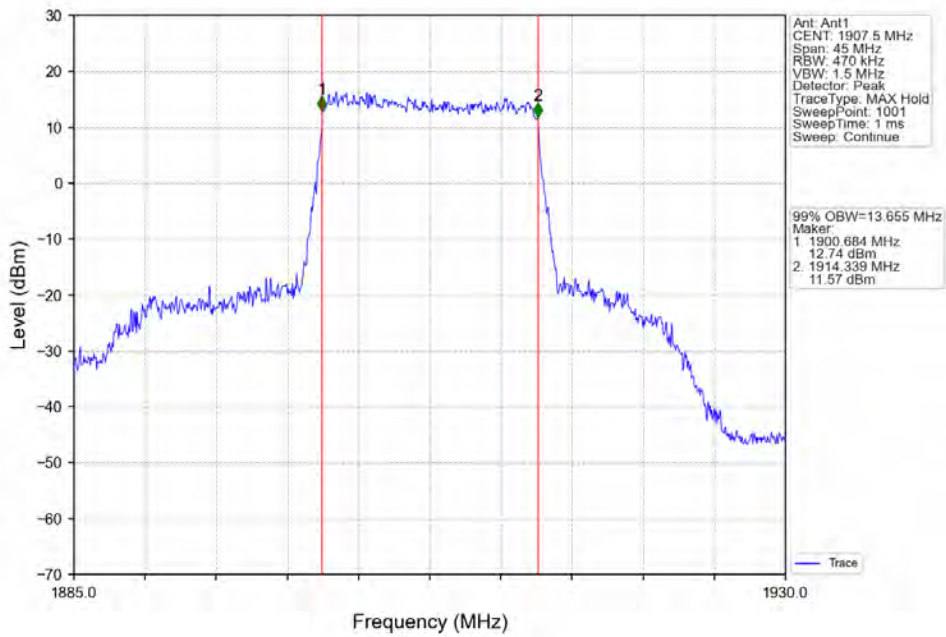




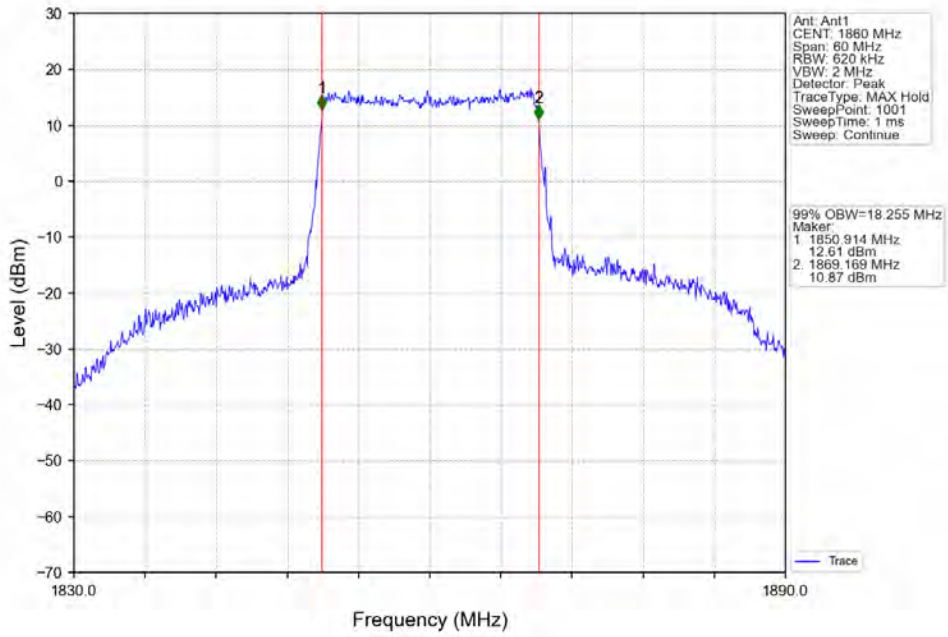
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



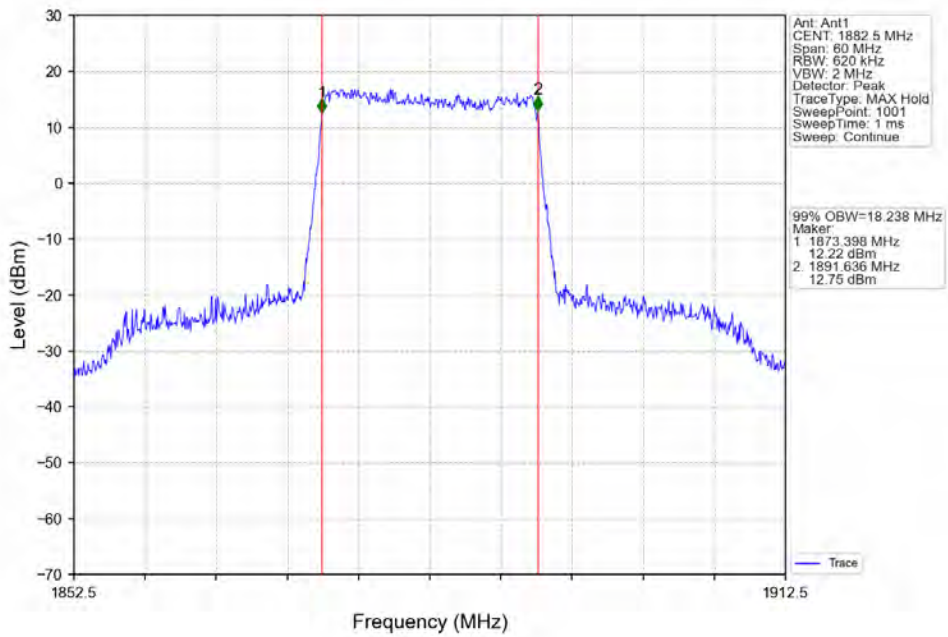
Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



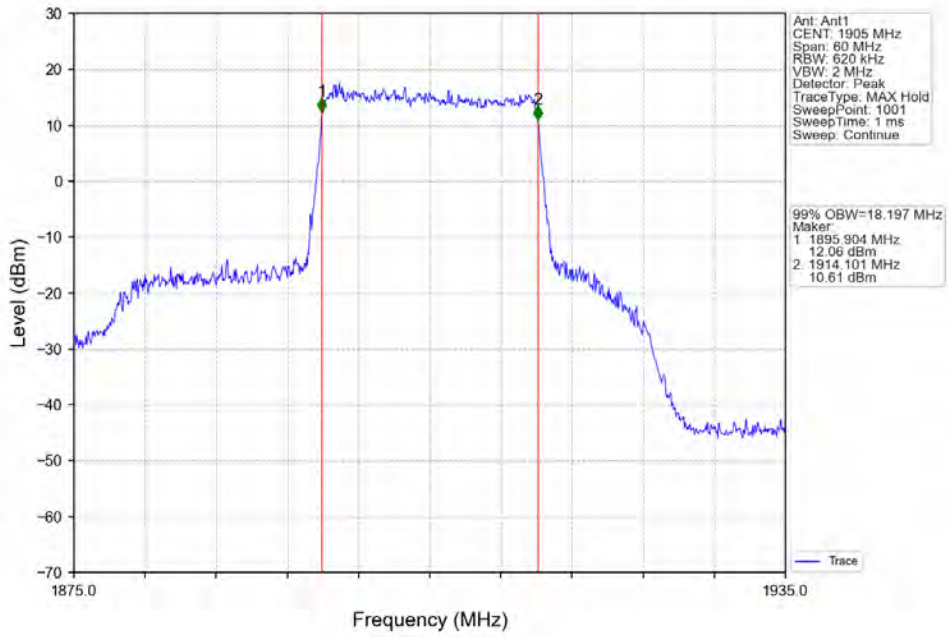
Band25\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



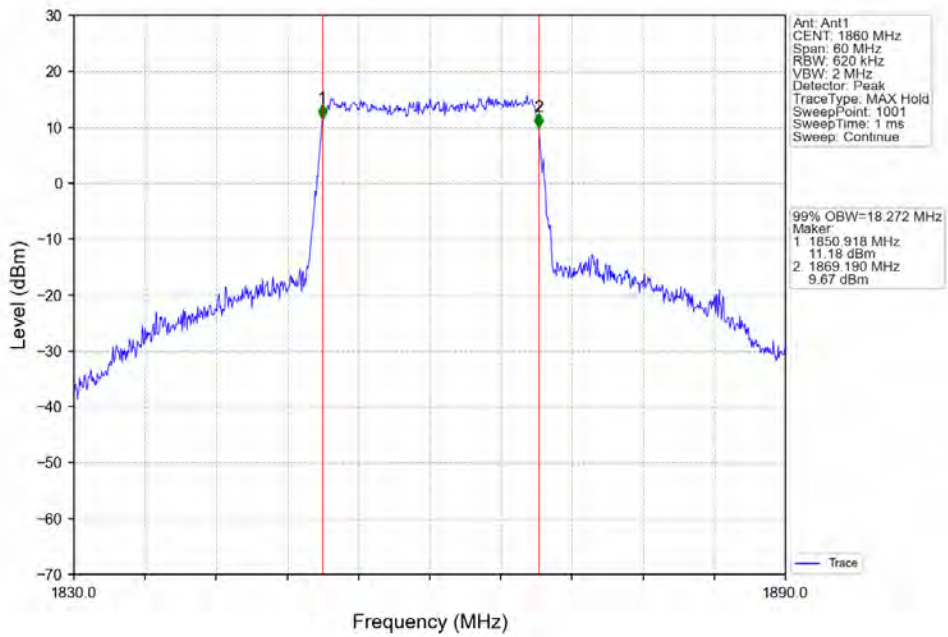
Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV



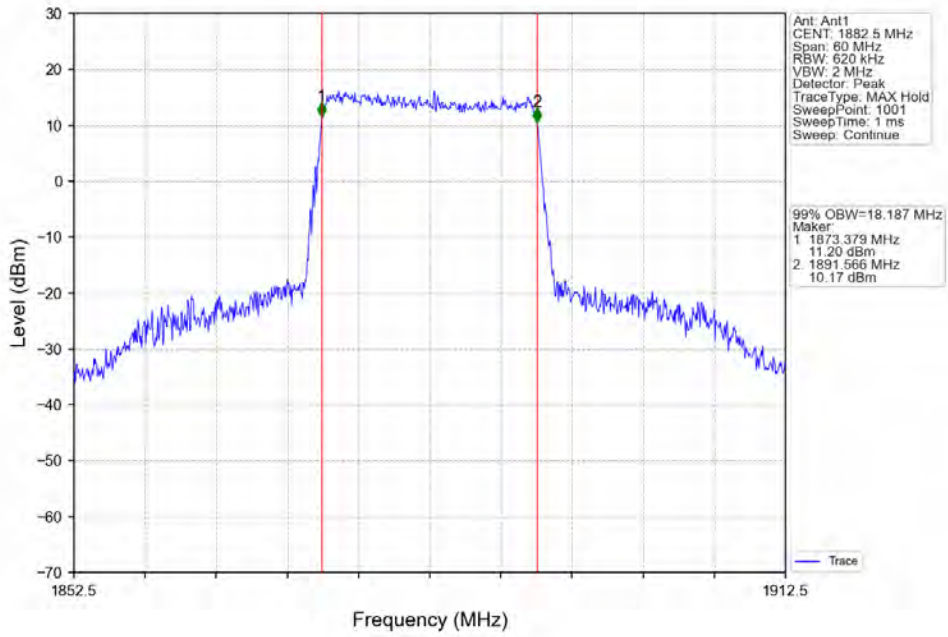
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV



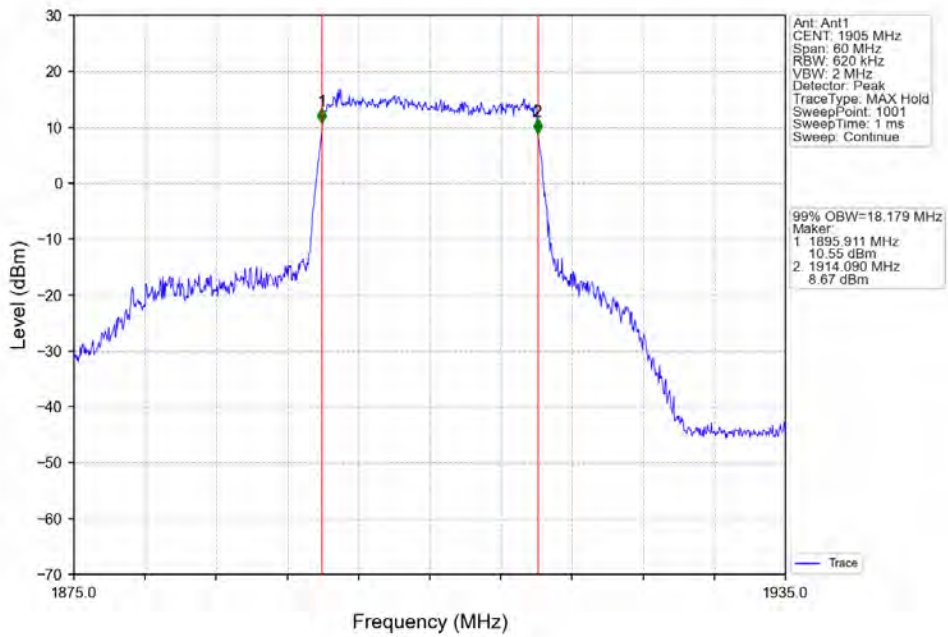
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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

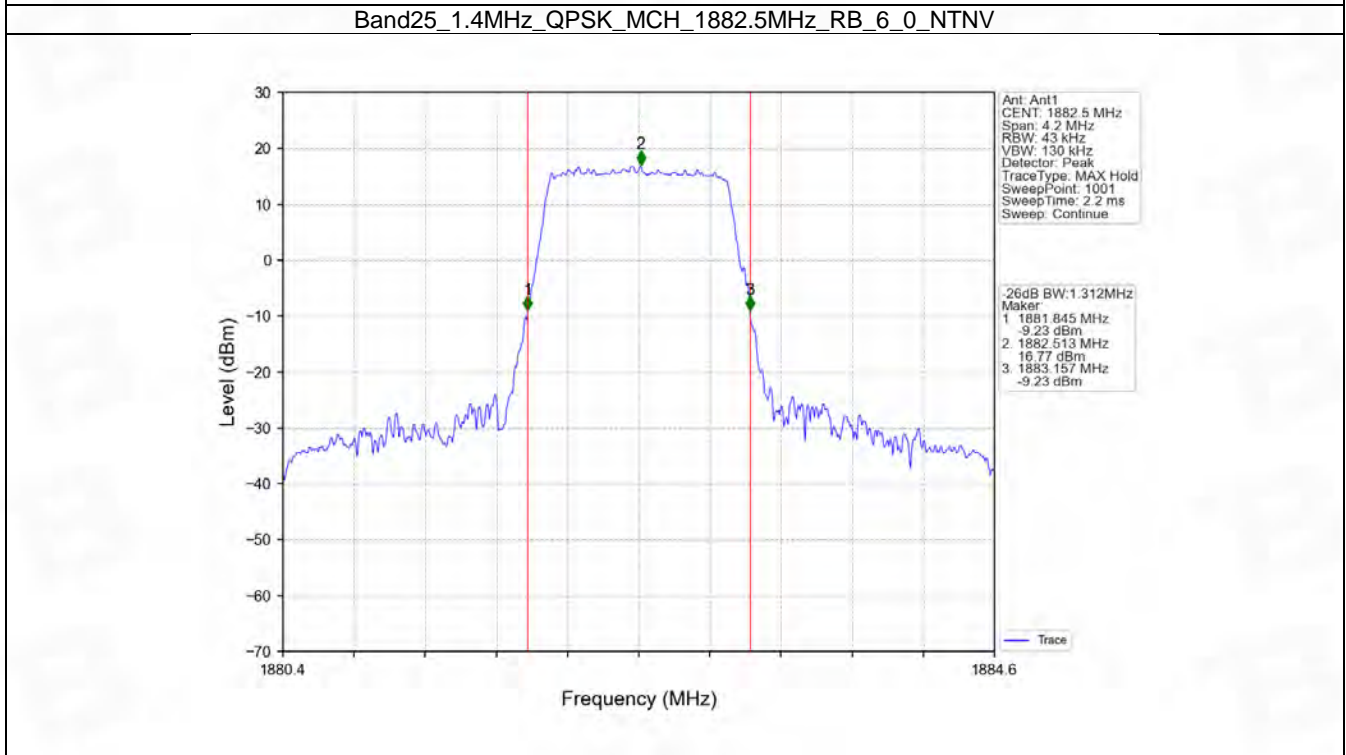
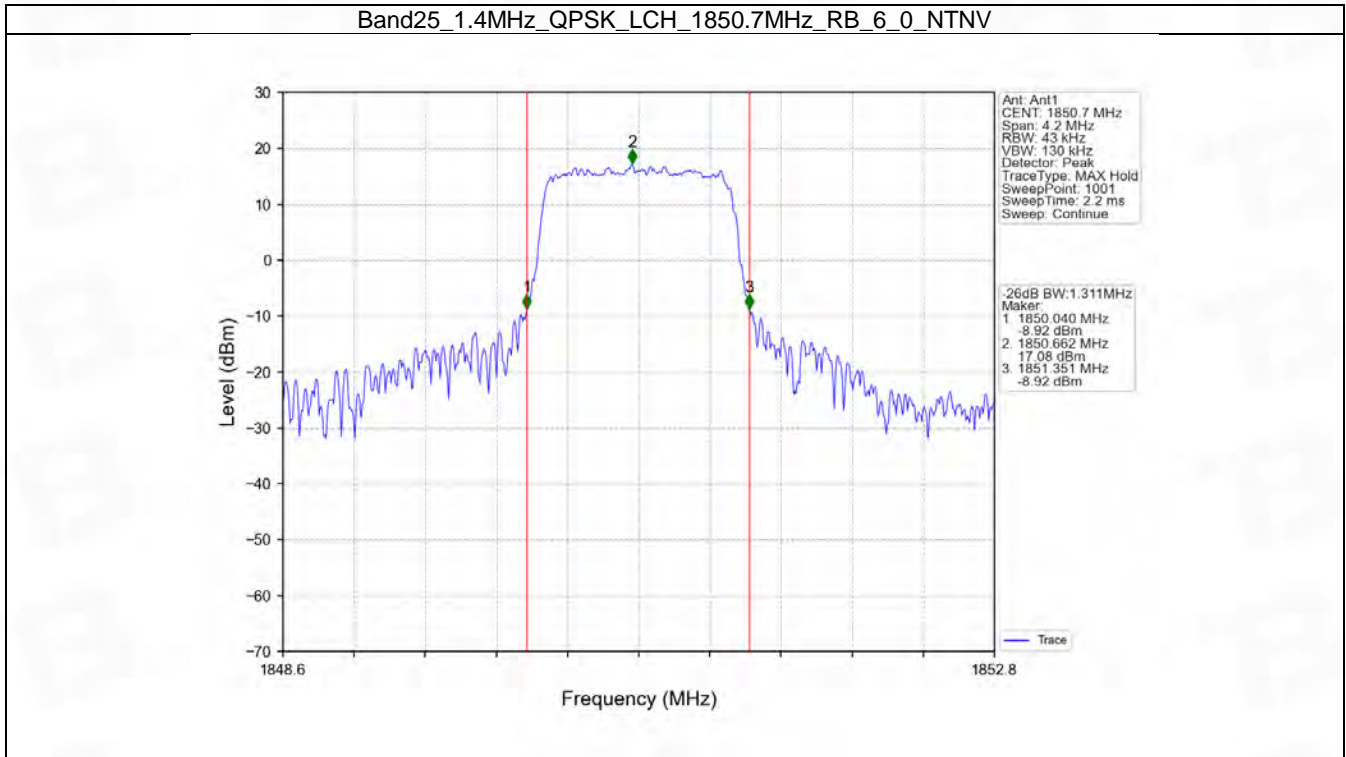


## 4.2 Band25\_XDB

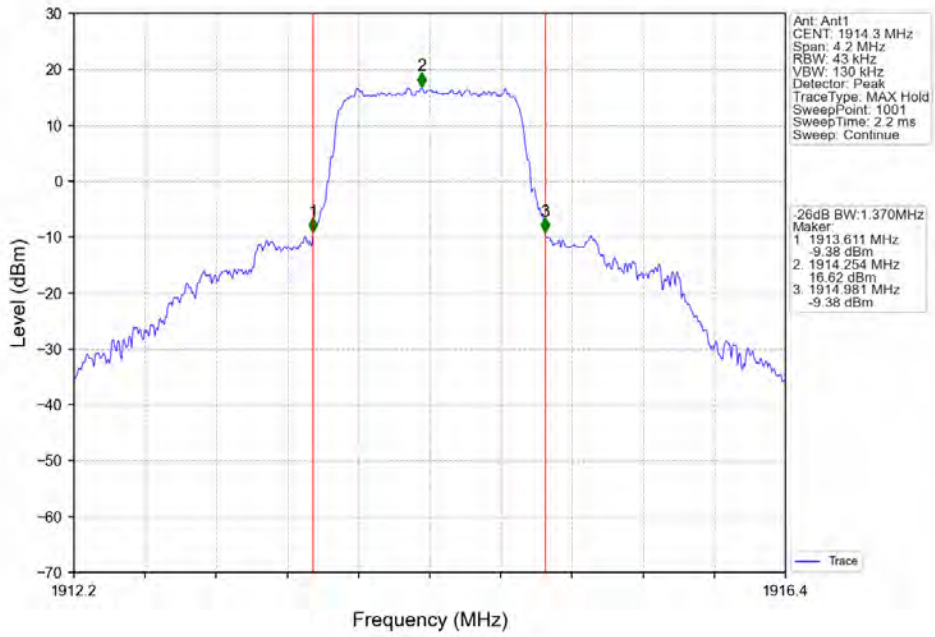
### 4.2.1 Test Result

Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.311	Pass
		1882.5	6	0	1.312	Pass
		1914.3	6	0	1.370	Pass
	16QAM	1850.7	6	0	1.308	Pass
		1882.5	6	0	1.293	Pass
		1914.3	6	0	1.332	Pass
3	QPSK	1851.5	15	0	2.991	Pass
		1882.5	15	0	2.988	Pass
		1913.5	15	0	3.024	Pass
	16QAM	1851.5	15	0	2.995	Pass
		1882.5	15	0	2.990	Pass
		1913.5	15	0	3.014	Pass
5	QPSK	1852.5	25	0	5.207	Pass
		1882.5	25	0	5.250	Pass
		1912.5	25	0	5.365	Pass
	16QAM	1852.5	25	0	5.288	Pass
		1882.5	25	0	5.305	Pass
		1912.5	25	0	5.287	Pass
10	QPSK	1855	50	0	10.320	Pass
		1882.5	50	0	10.198	Pass
		1910	50	0	10.351	Pass
	16QAM	1855	50	0	10.314	Pass
		1882.5	50	0	10.203	Pass
		1910	50	0	10.288	Pass
15	QPSK	1857.5	75	0	15.554	Pass
		1882.5	75	0	15.418	Pass
		1907.5	75	0	15.390	Pass
	16QAM	1857.5	75	0	15.347	Pass
		1882.5	75	0	15.381	Pass
		1907.5	75	0	15.367	Pass
20	QPSK	1860	100	0	20.420	Pass
		1882.5	100	0	20.243	Pass
		1905	100	0	20.198	Pass
	16QAM	1860	100	0	20.248	Pass
		1882.5	100	0	20.166	Pass
		1905	100	0	20.097	Pass

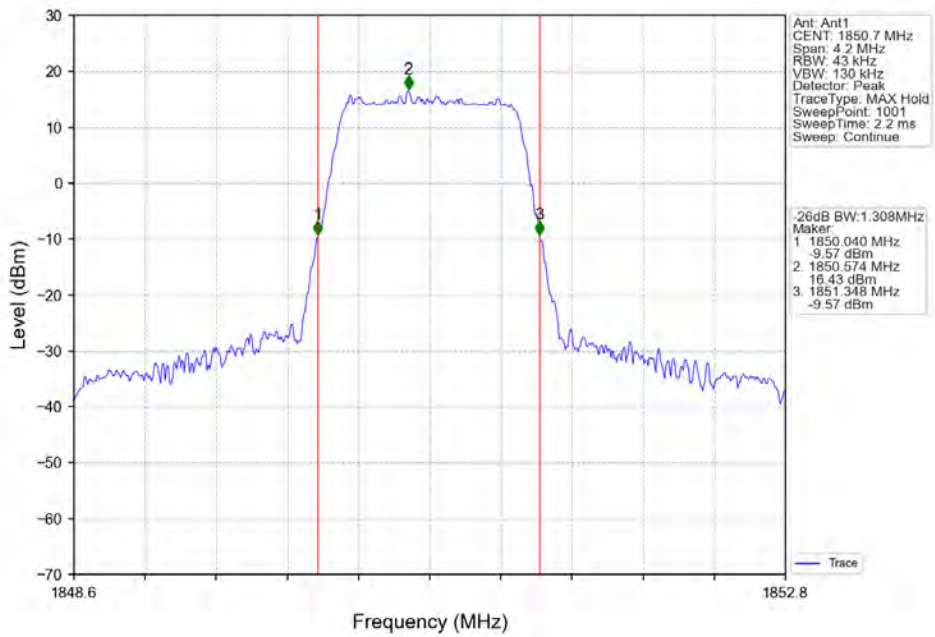
## 4.2.2 Test Graph



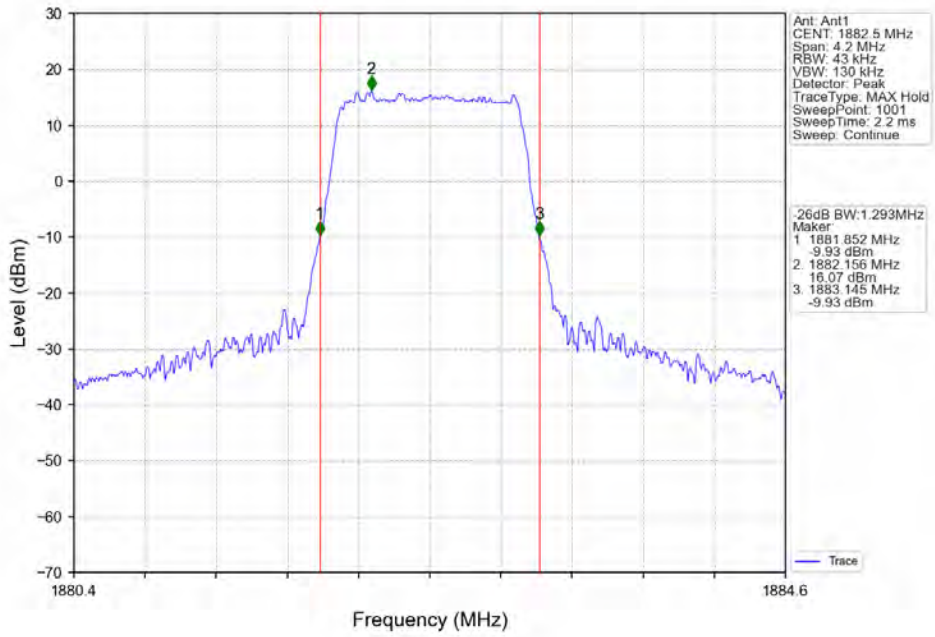
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



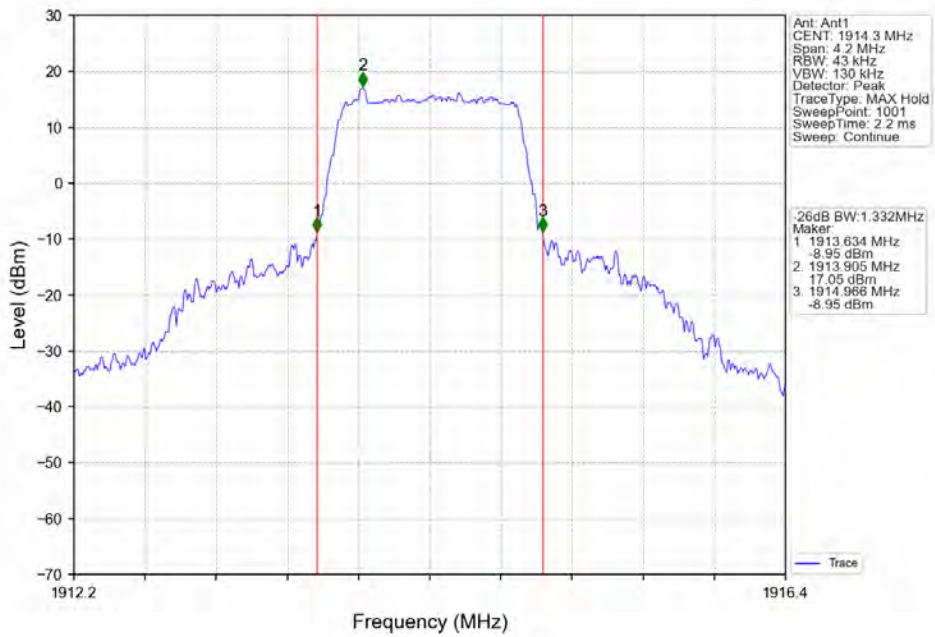
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



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

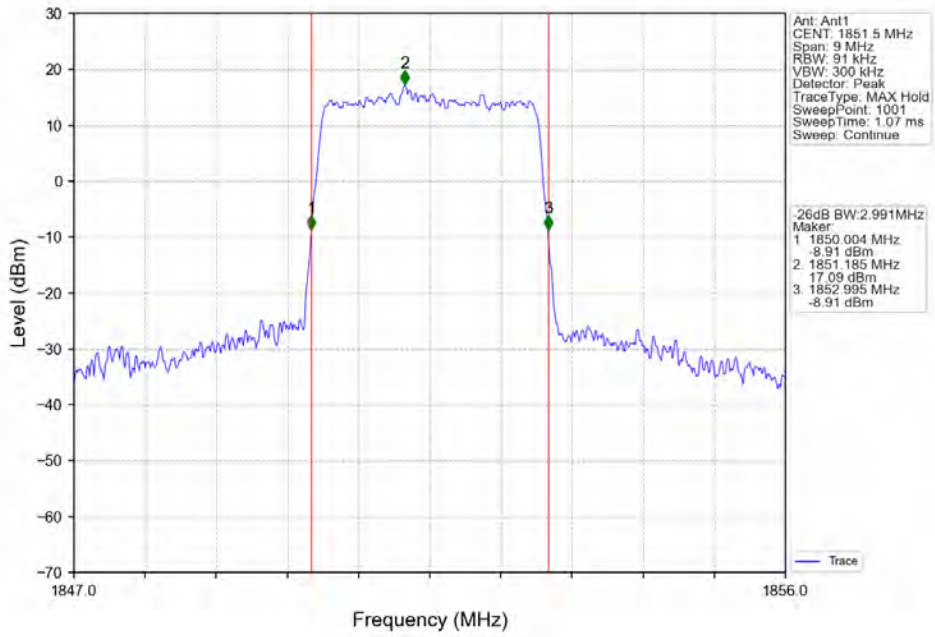


Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV

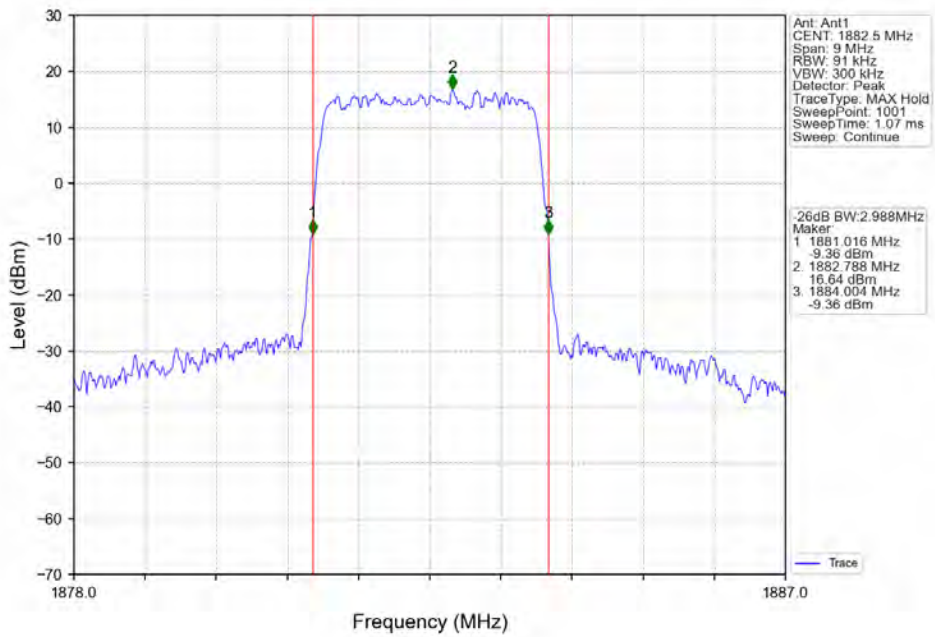




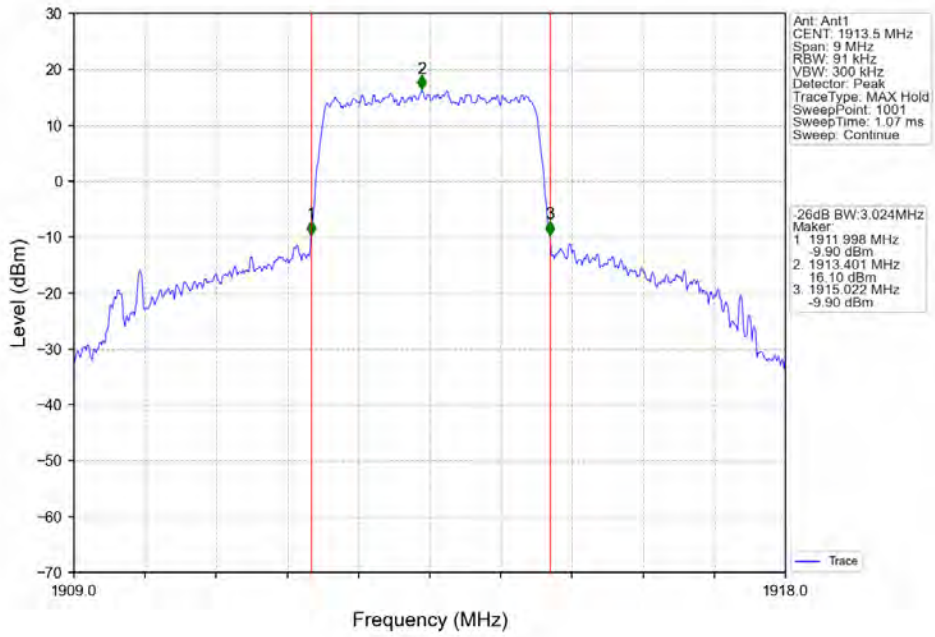
Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



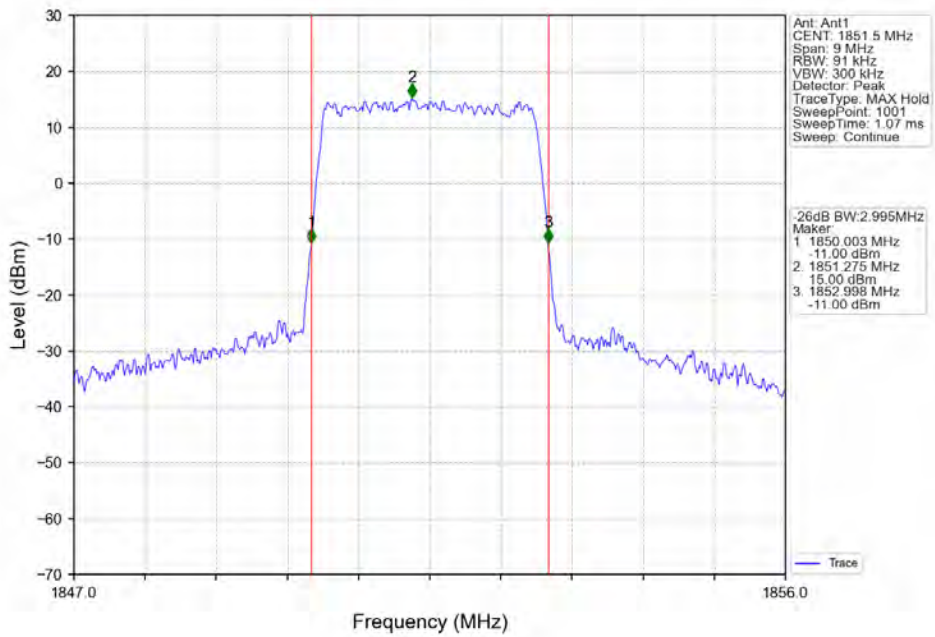
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



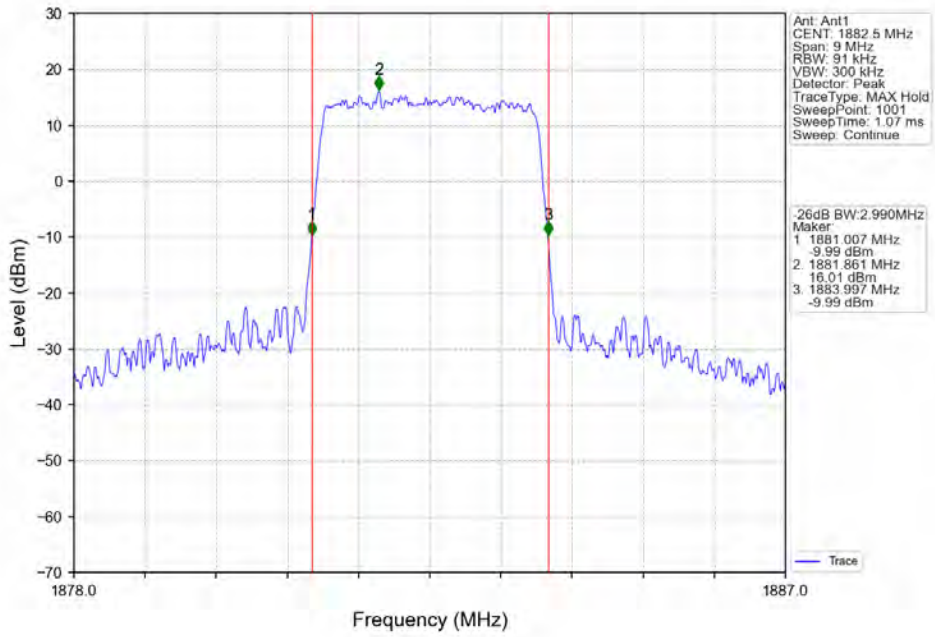
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



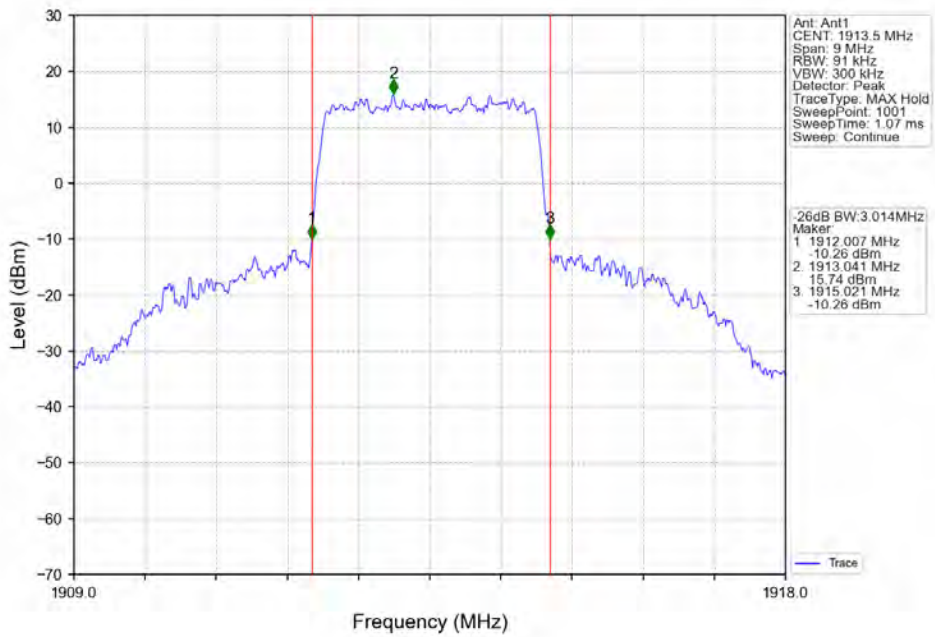
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



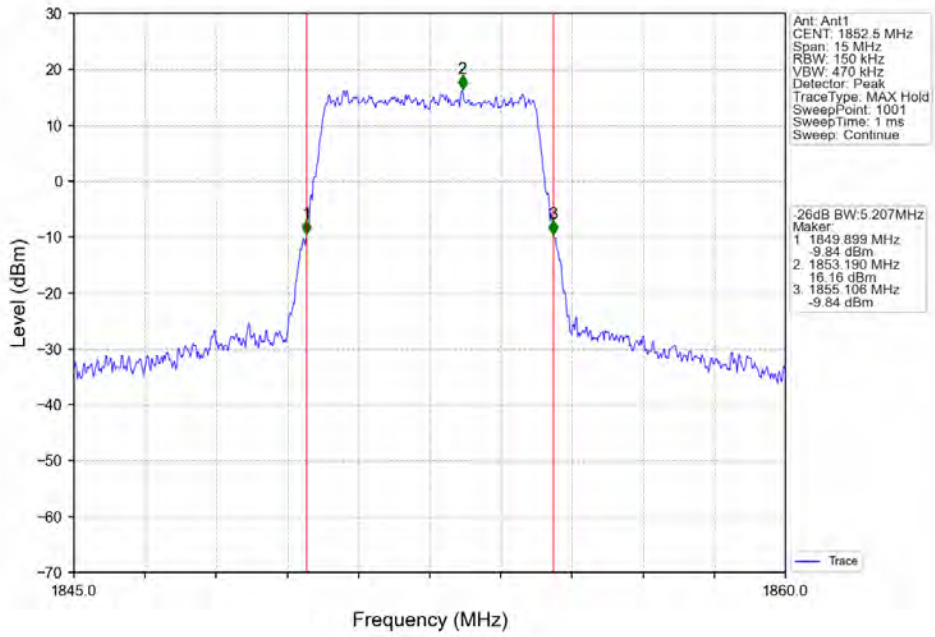
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



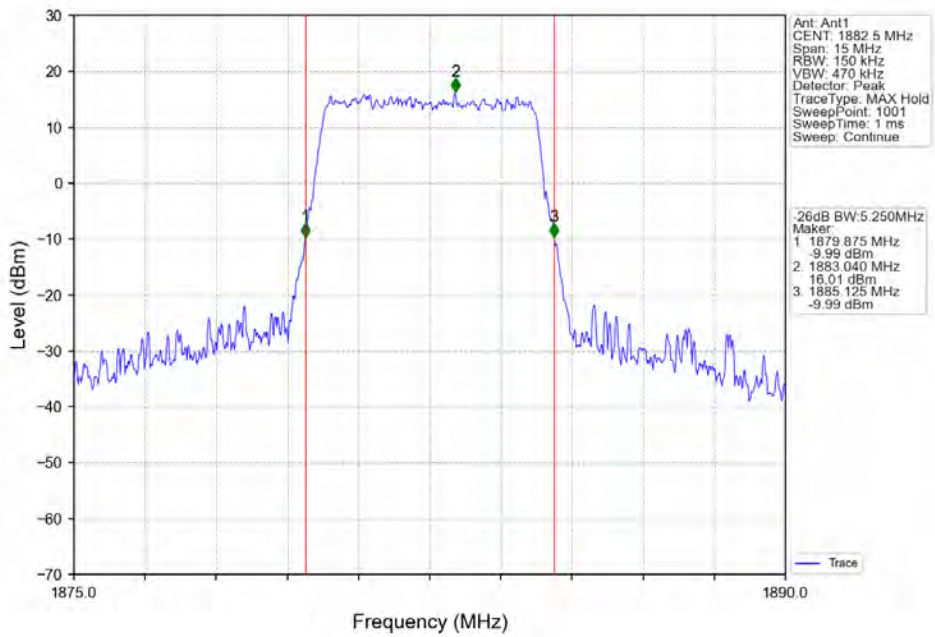
Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



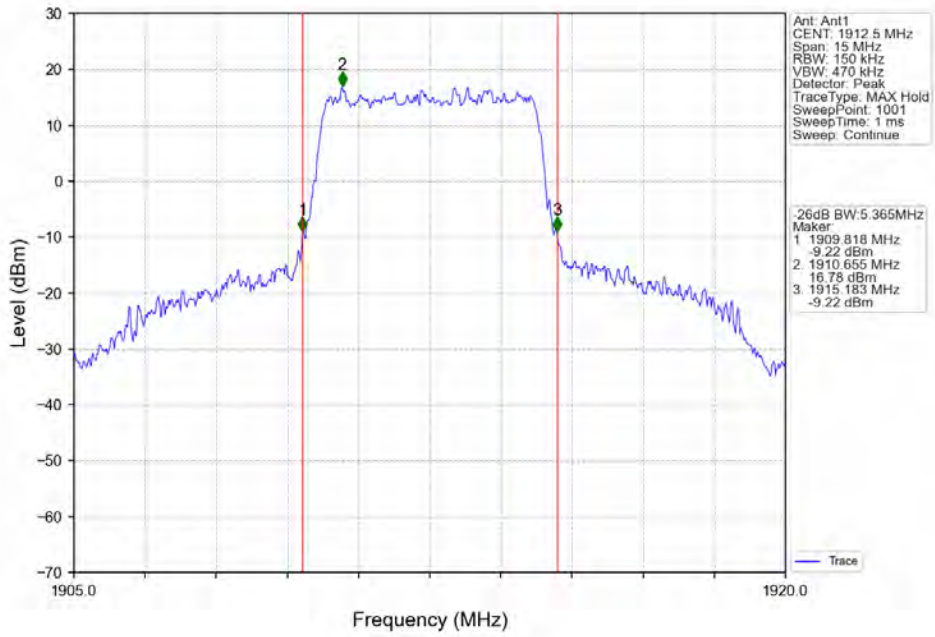
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



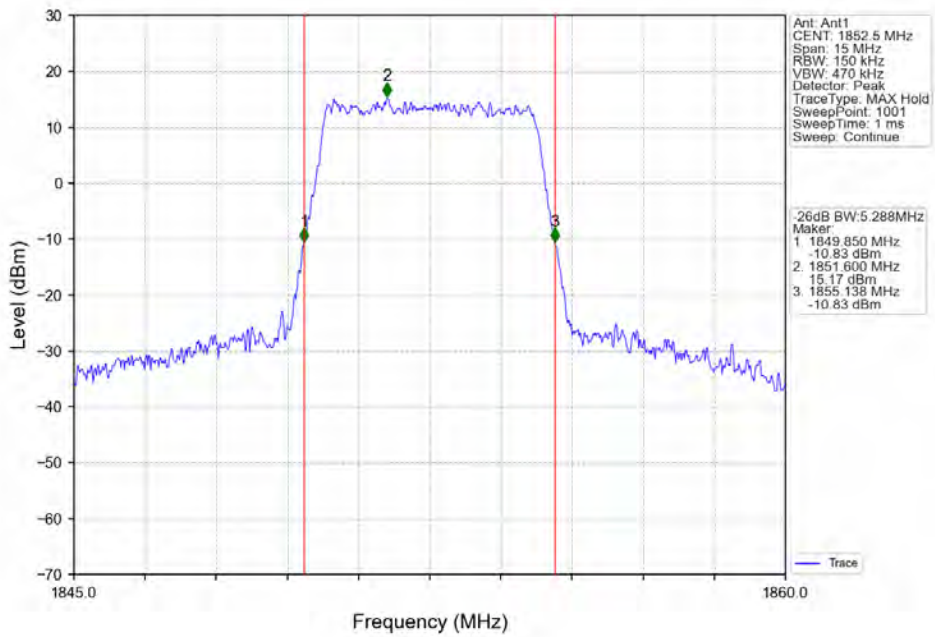
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



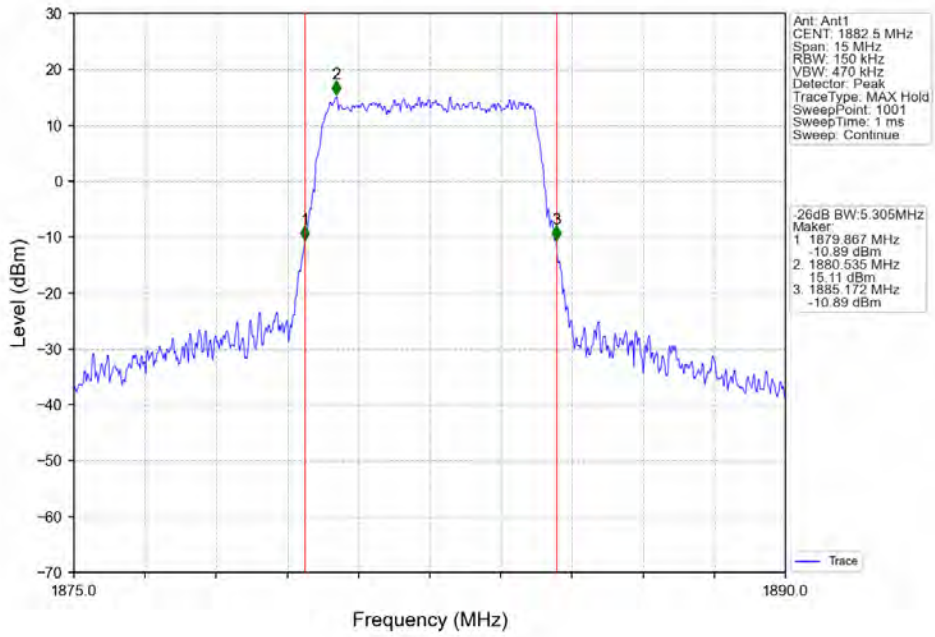
Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



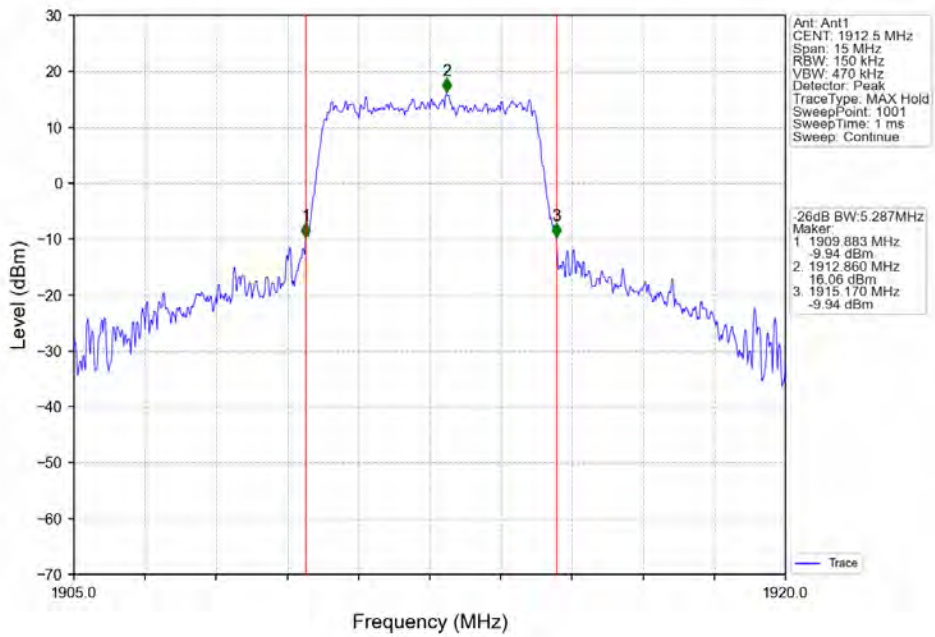
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



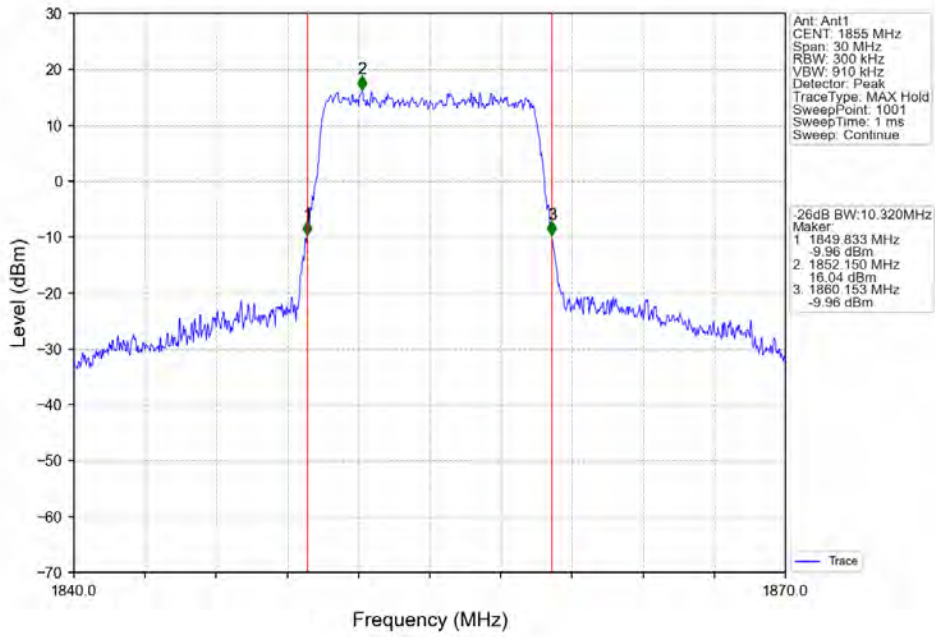
Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



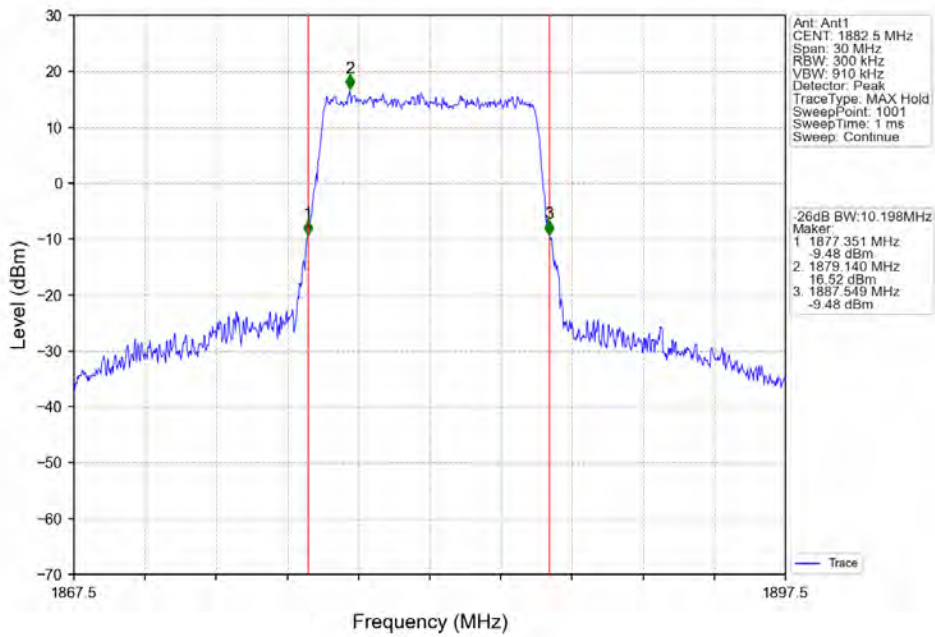
Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



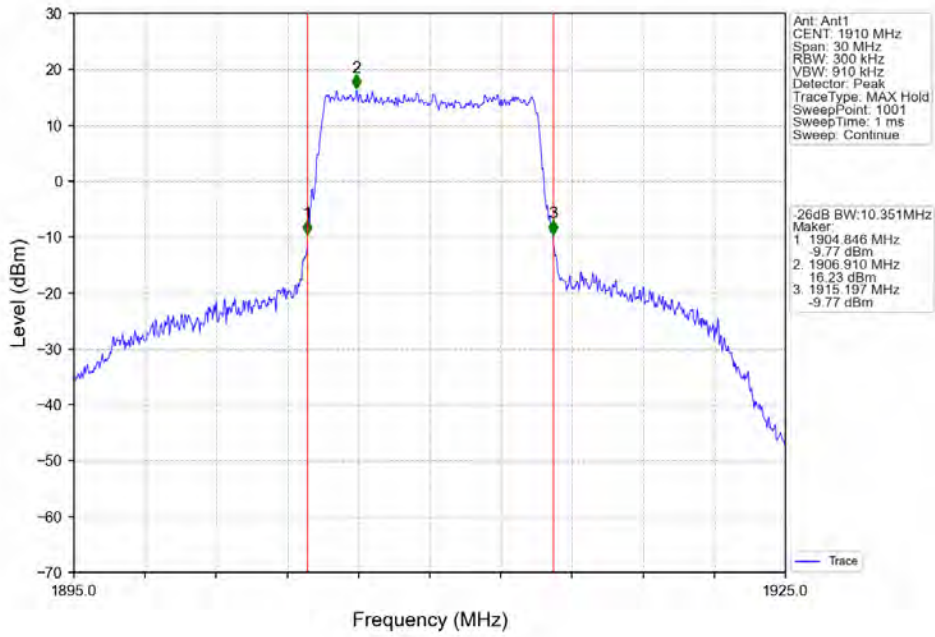
Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



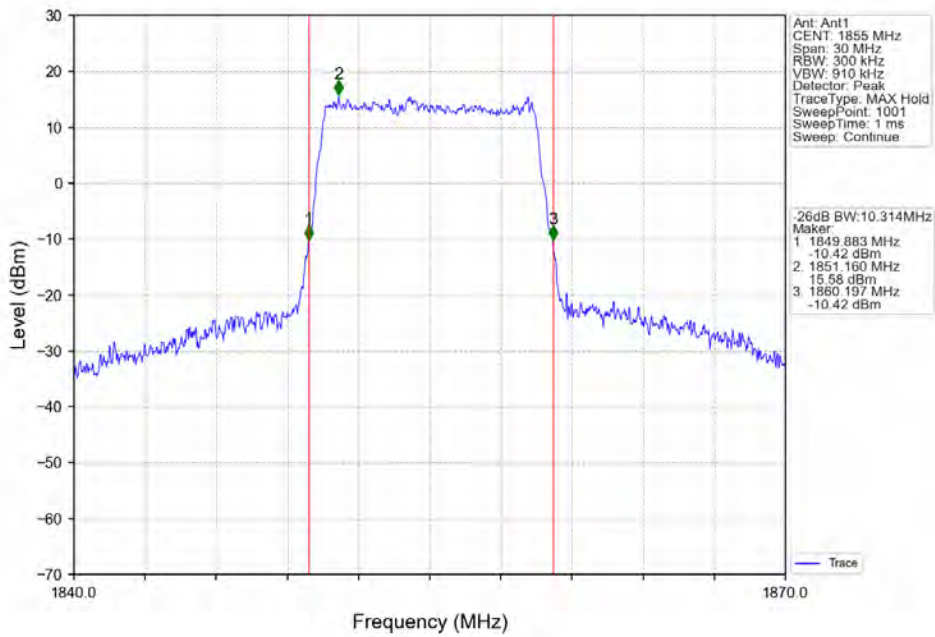
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



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

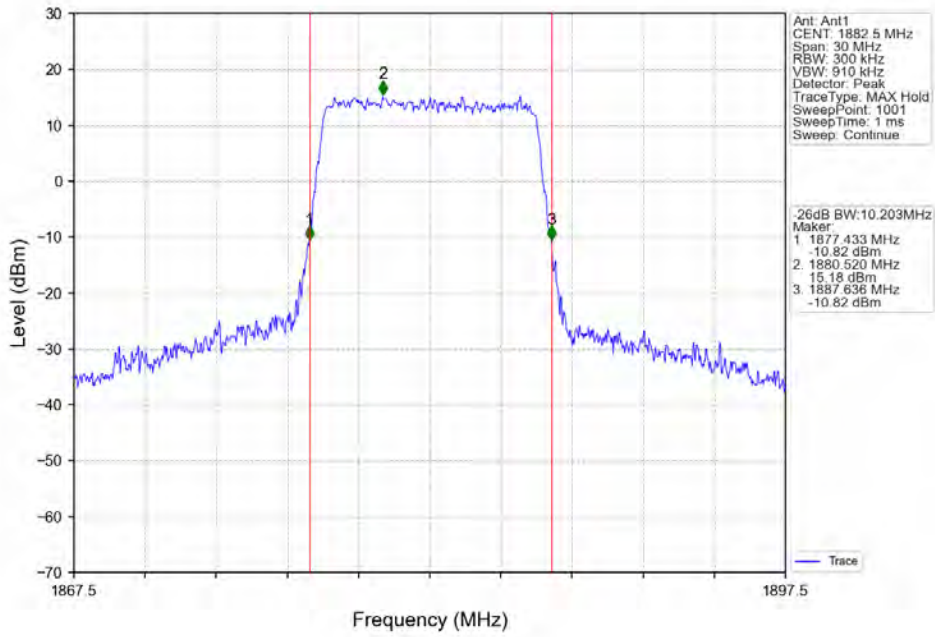


Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV

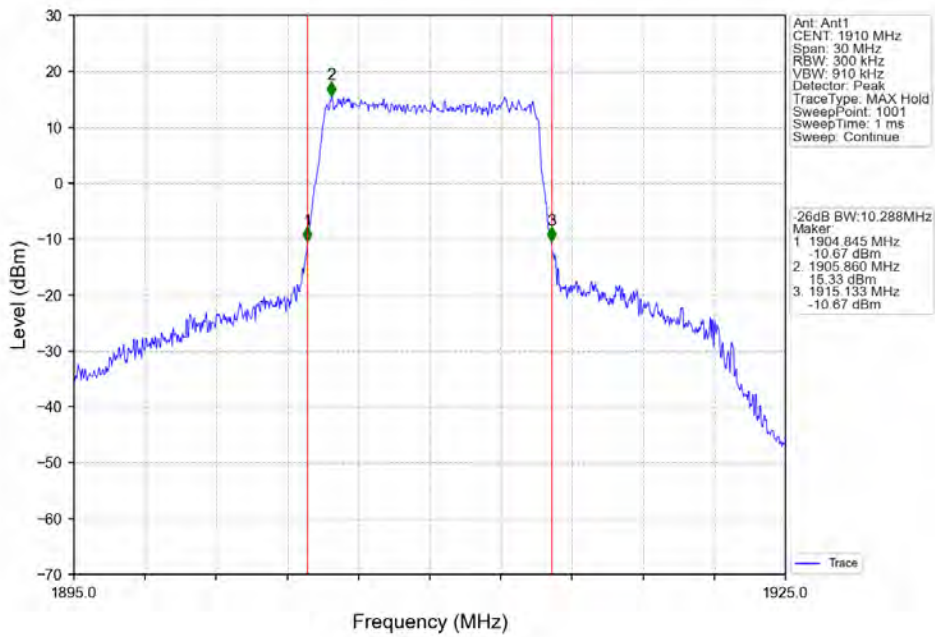




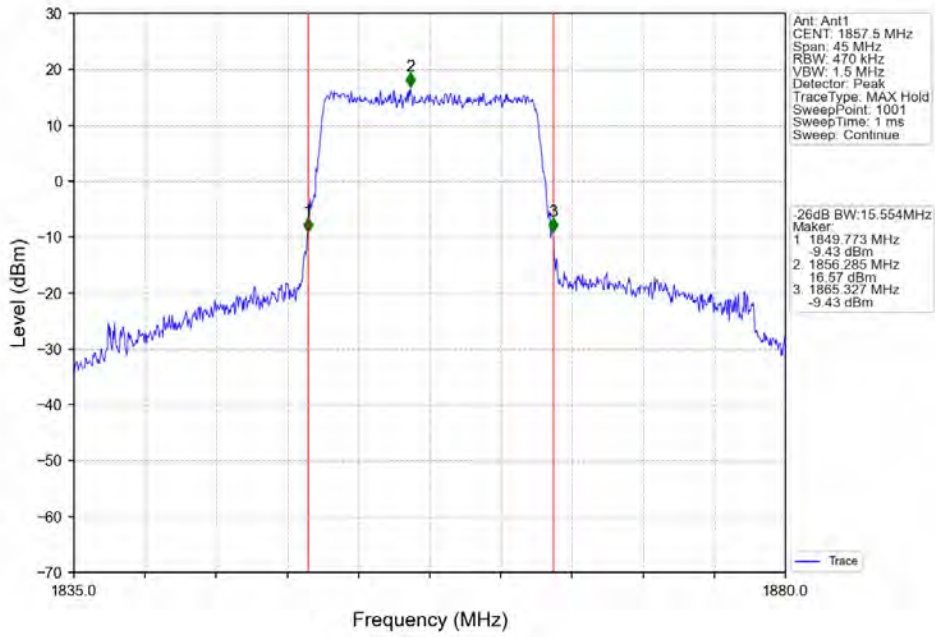
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



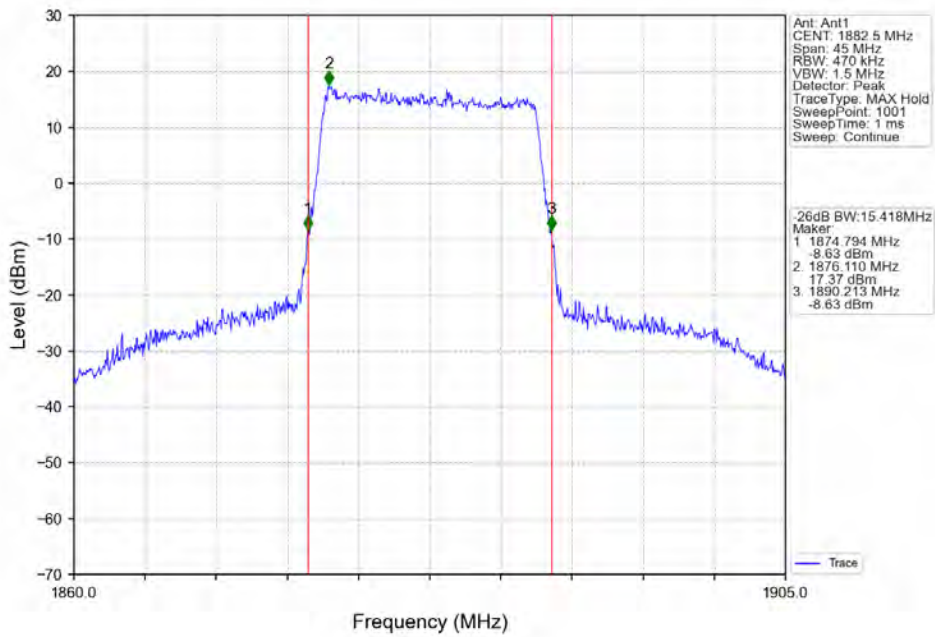
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_50\_0\_NTNV



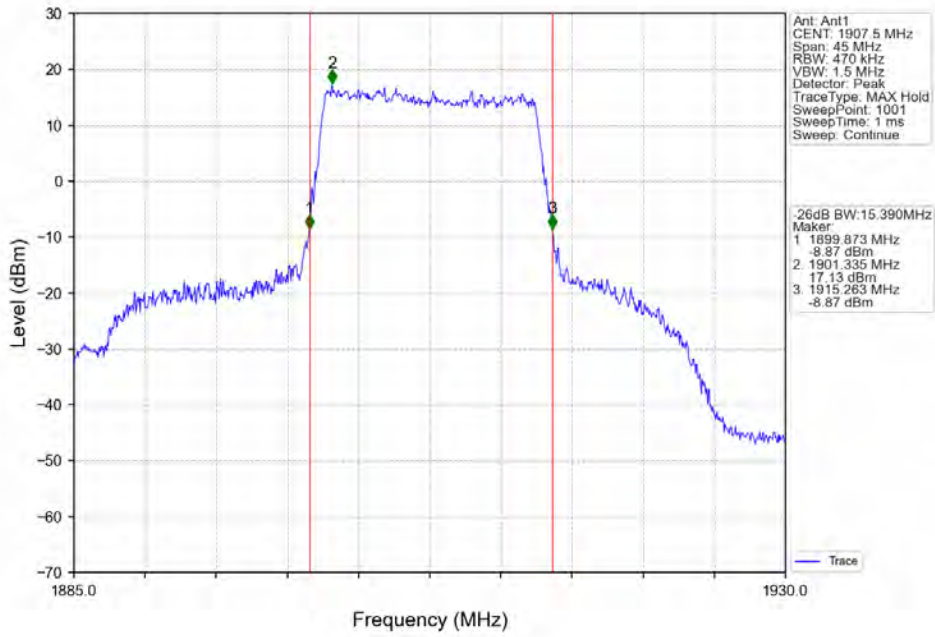
Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



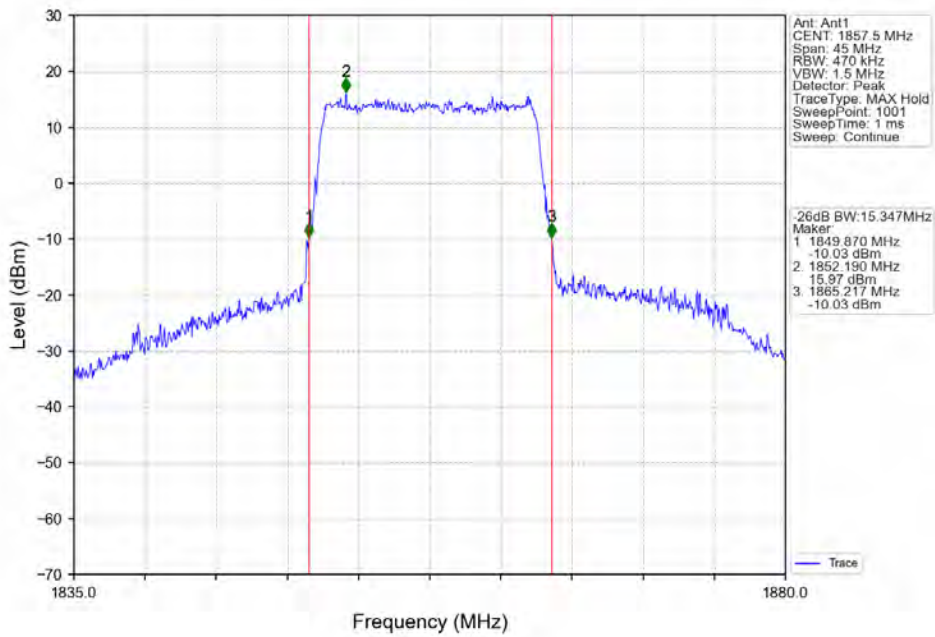
Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



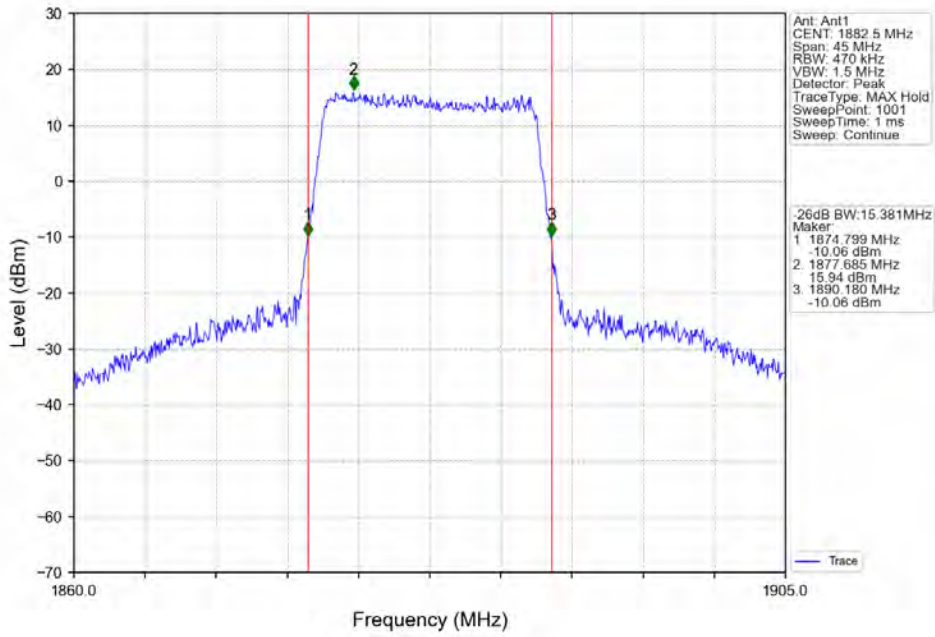
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



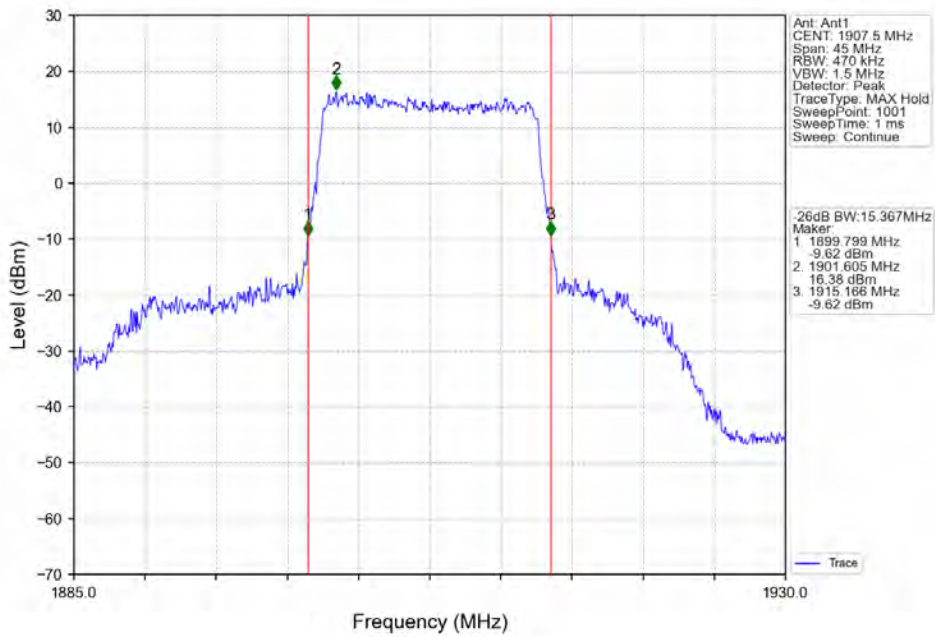
Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



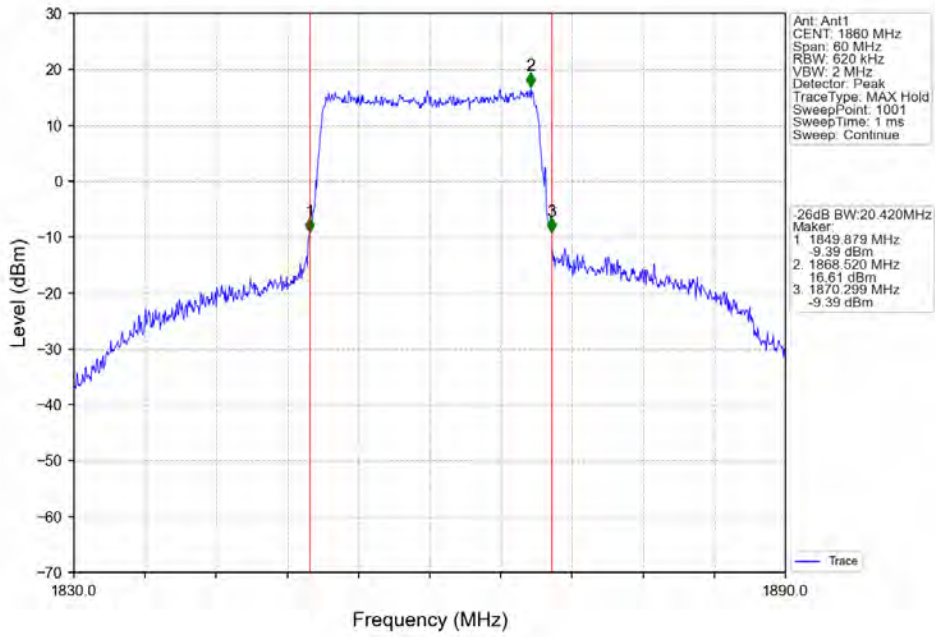
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



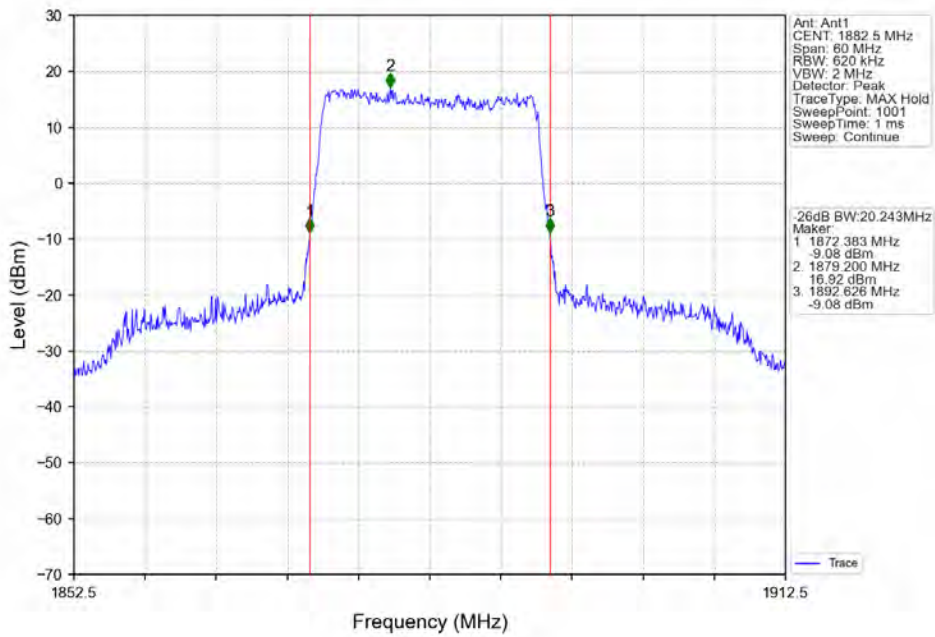
Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



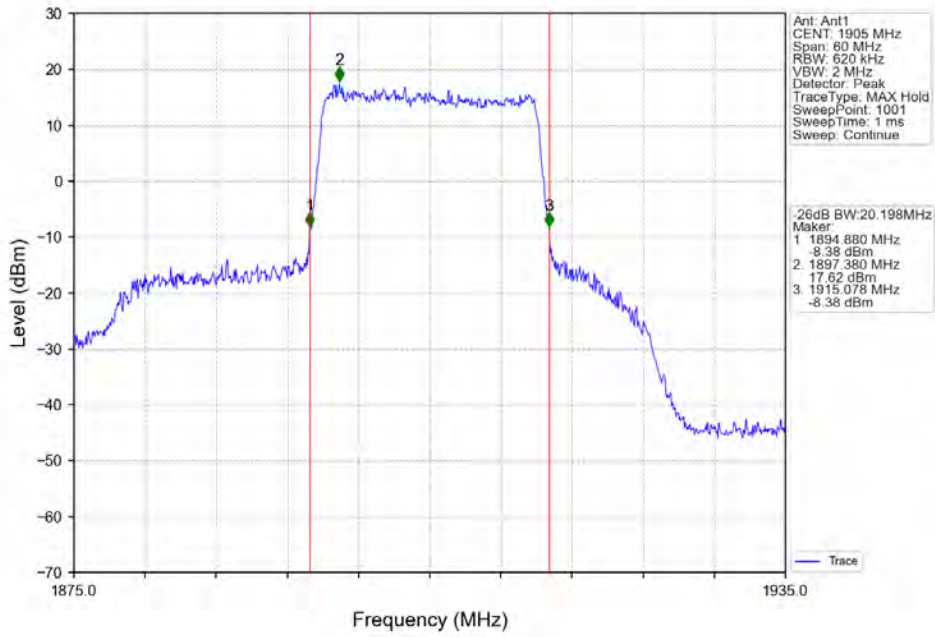
Band25\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



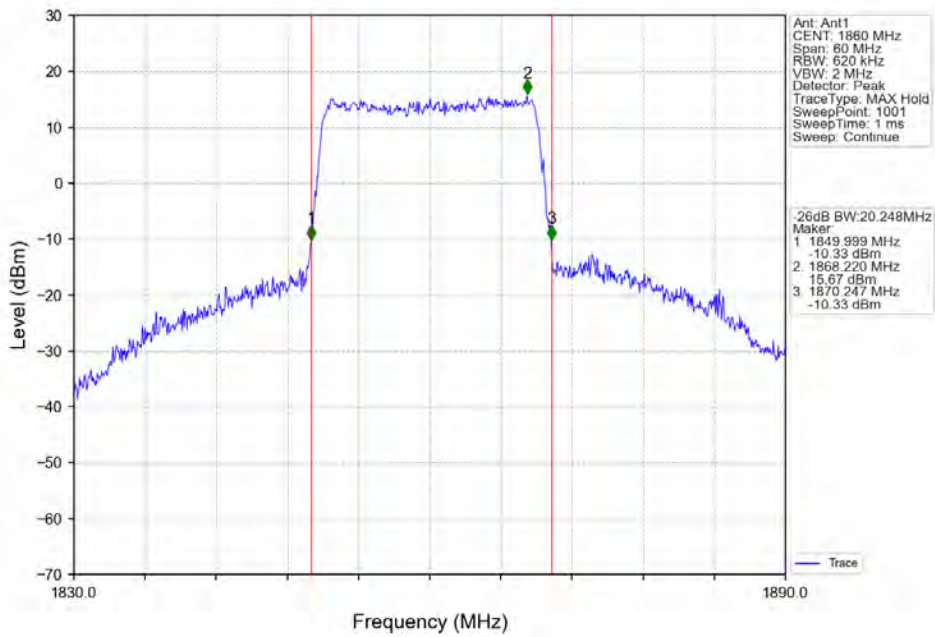
Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV



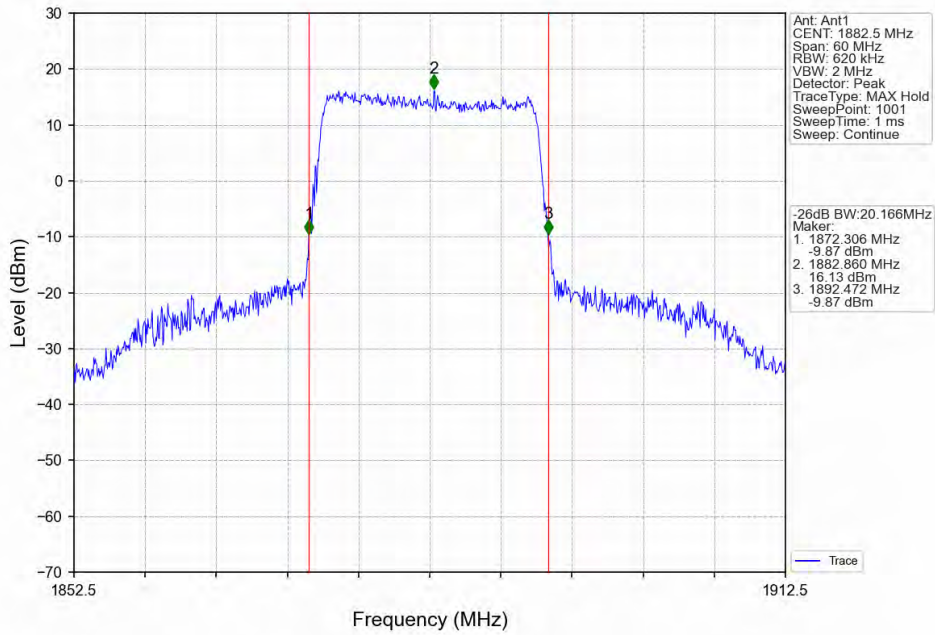
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV



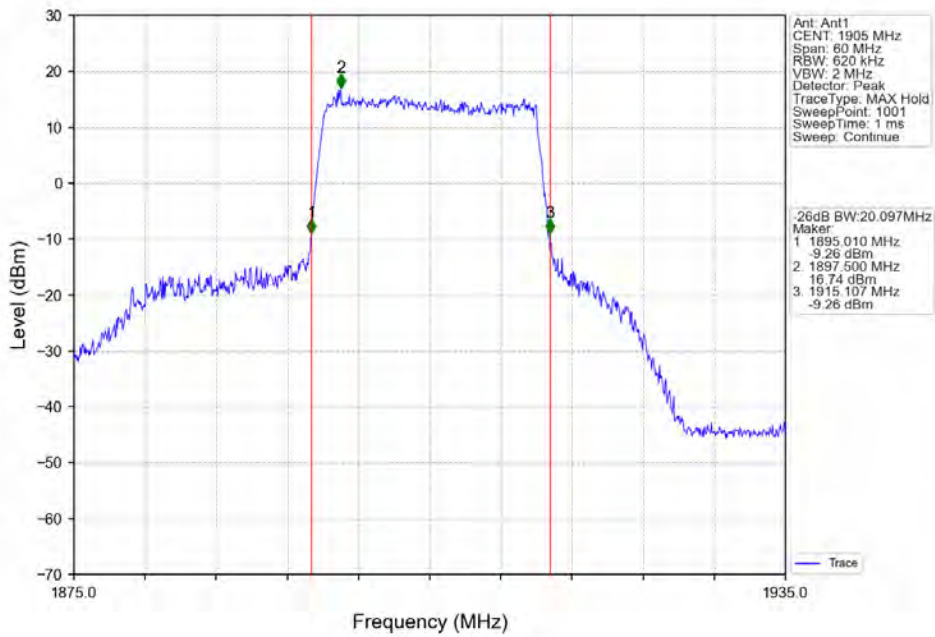
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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



## 5. Peak-Average Ratio

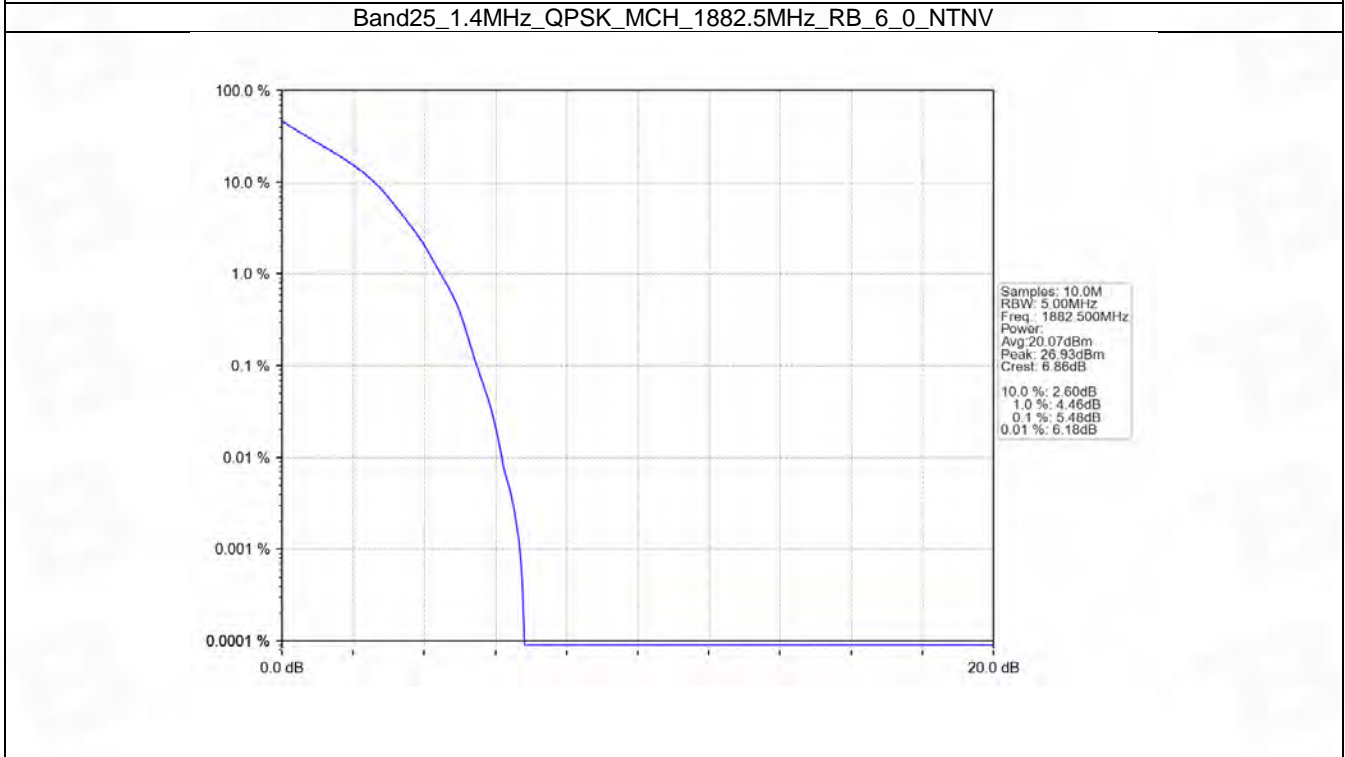
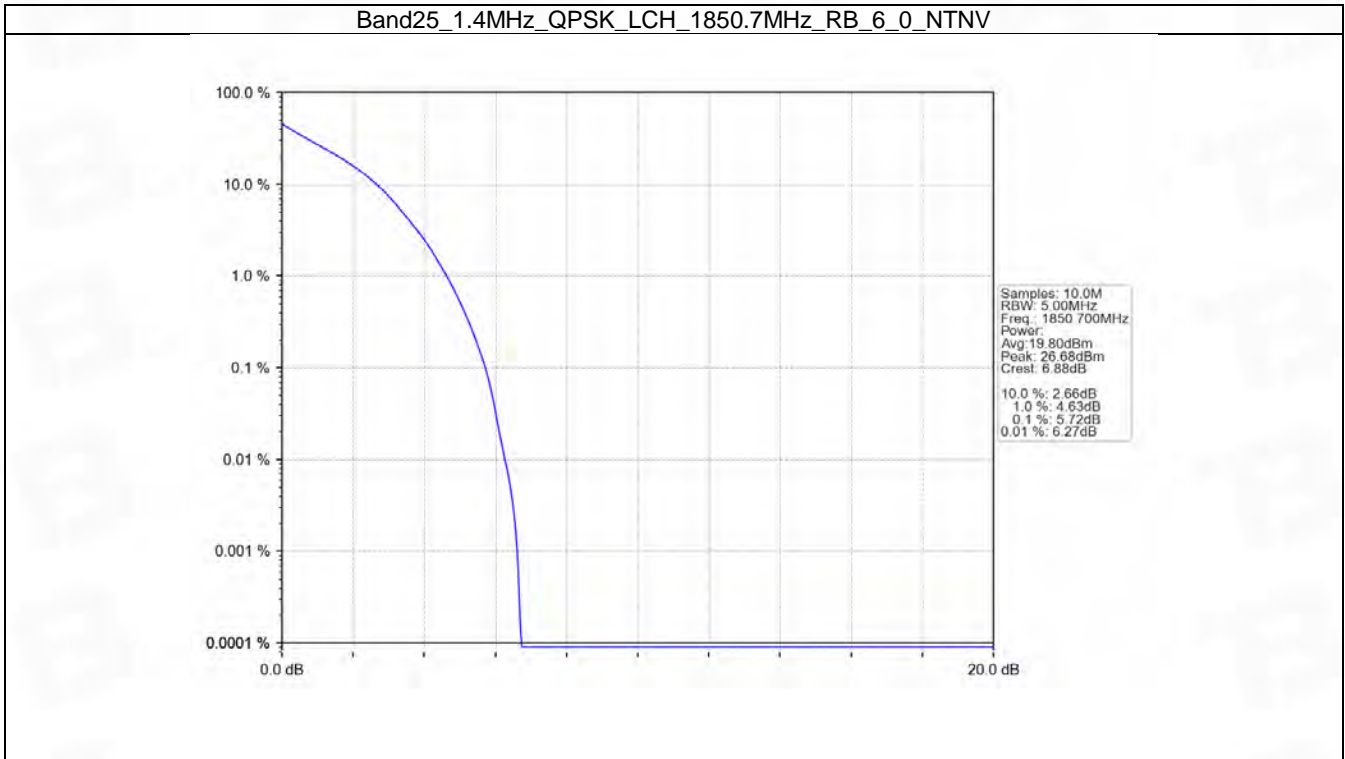
### 5.1 B25\_1.4MHz

#### 5.1.1 Test Result

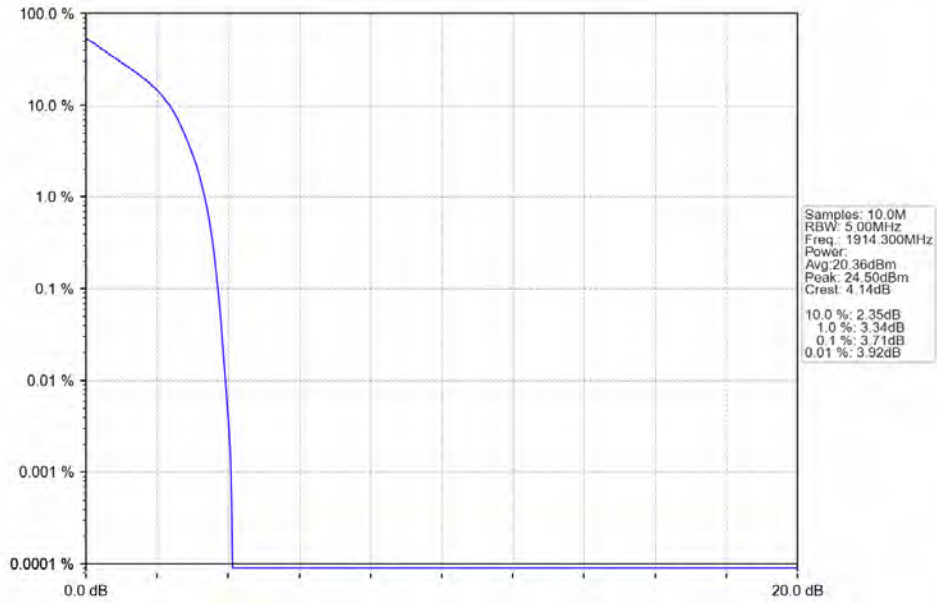
Band: 25 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.72	<=13	Pass
	1882.5	6	0	5.48	<=13	Pass
	1914.3	6	0	3.71	<=13	Pass
16QAM	1850.7	6	0	6.48	<=13	Pass
	1882.5	6	0	6.34	<=13	Pass
	1914.3	6	0	4.61	<=13	Pass



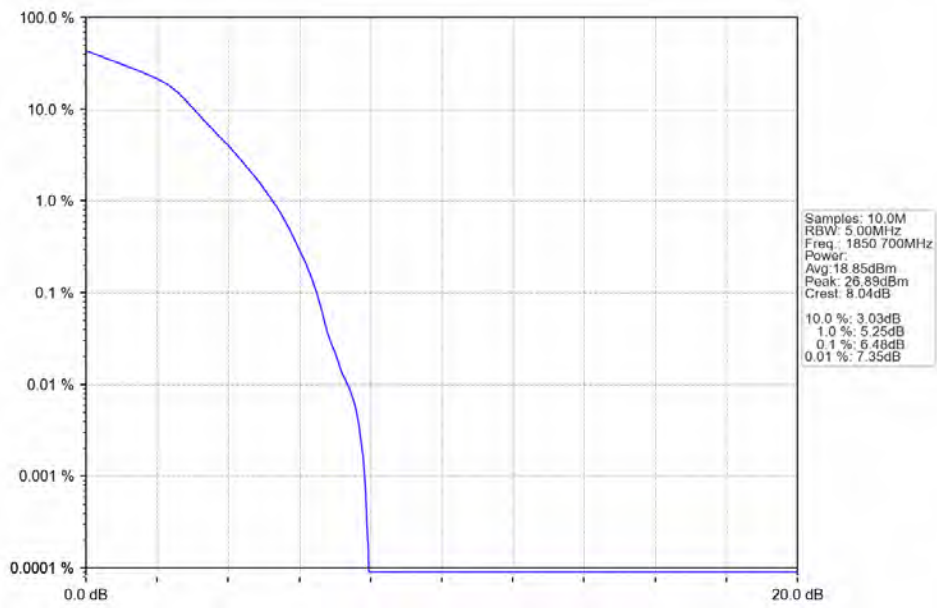
### 5.1.2 Test Graph



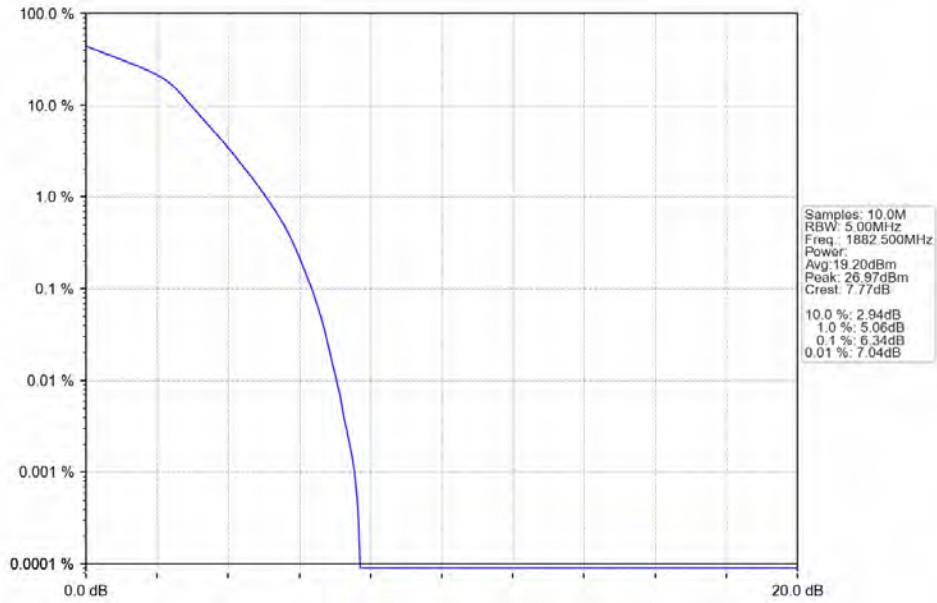
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



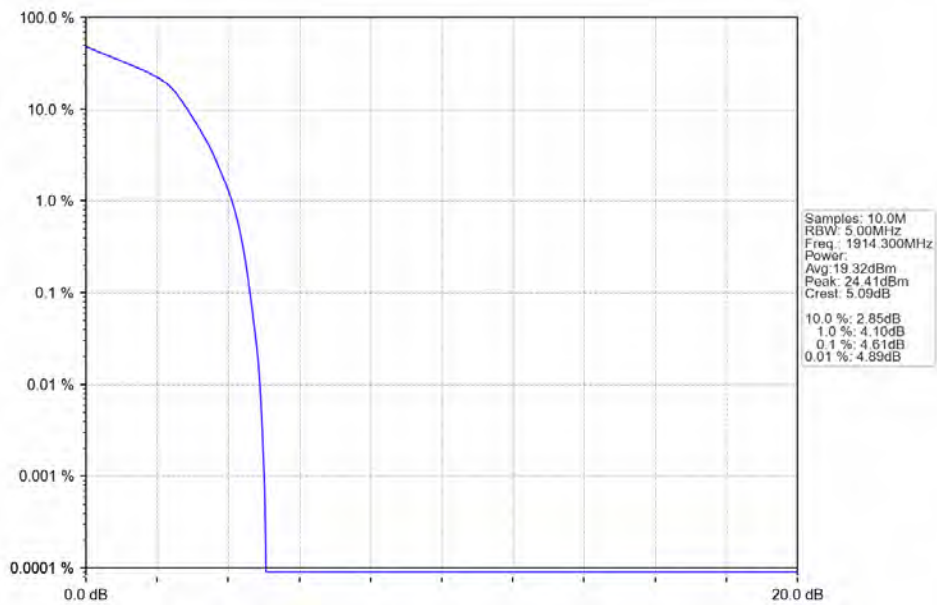
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



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



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

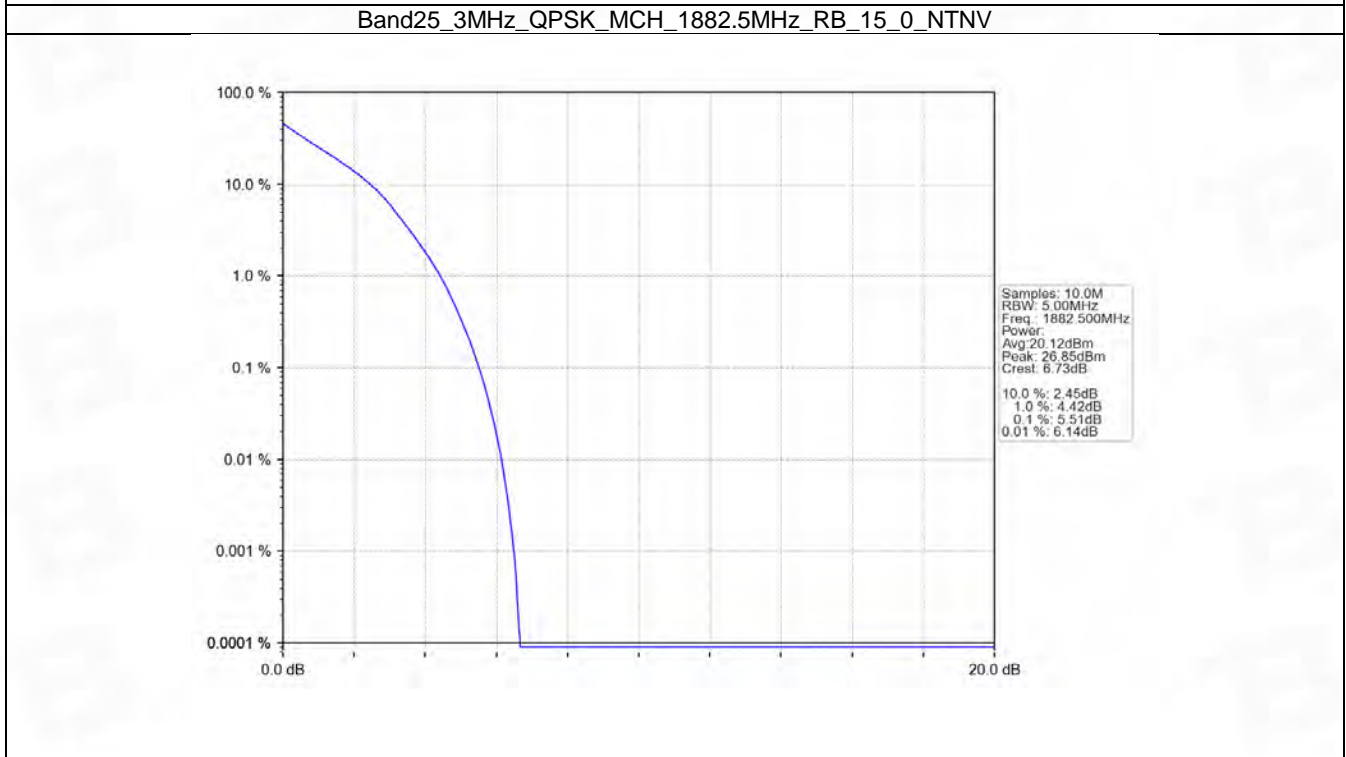
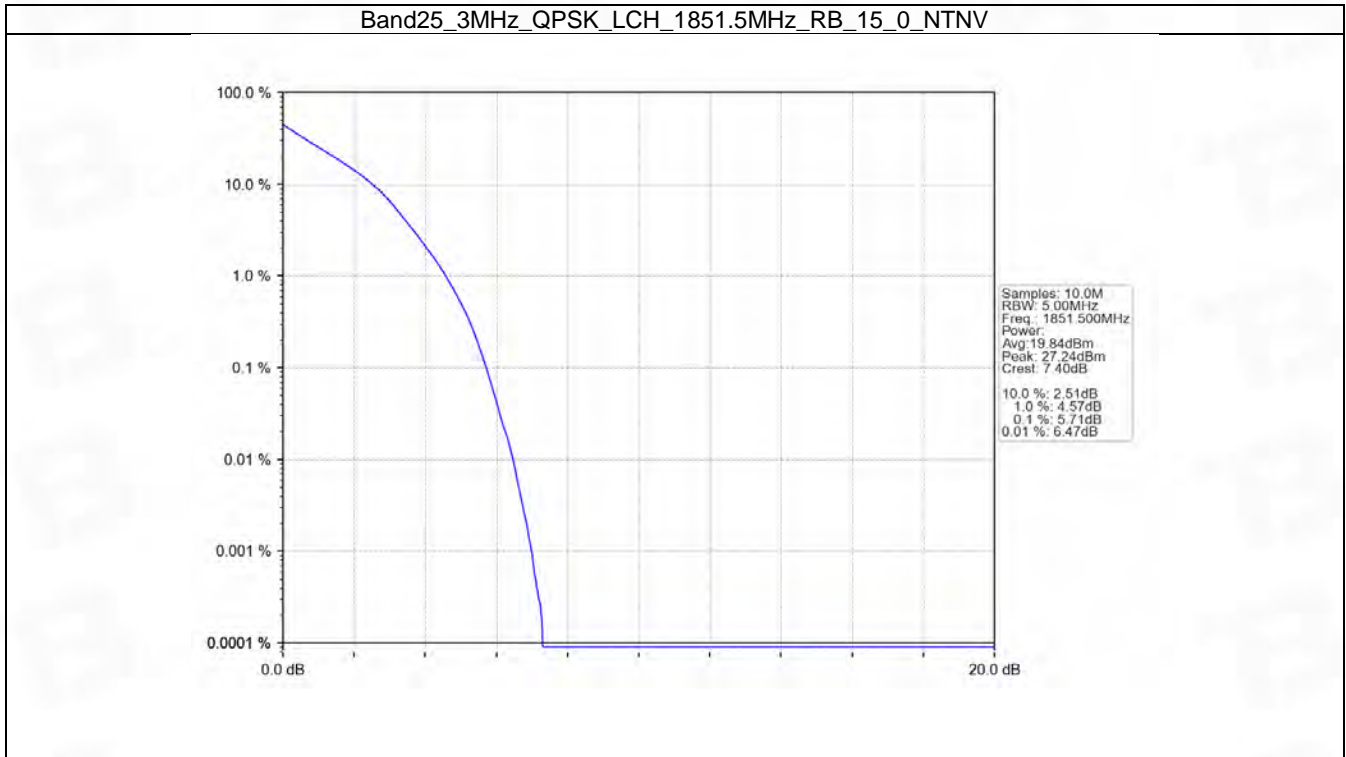


## 5.2 B25\_3MHz

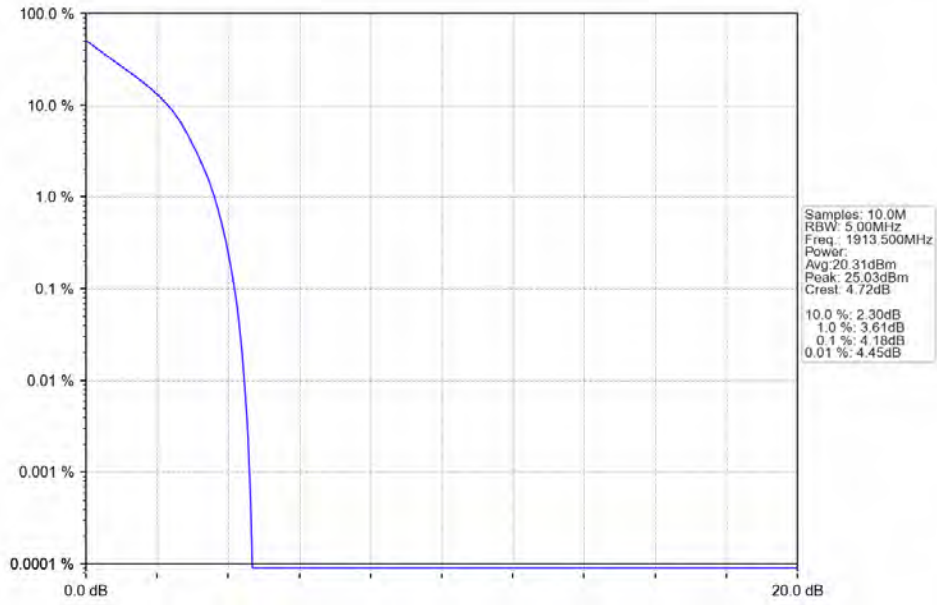
### 5.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.71	<=13	Pass
	1882.5	15	0	5.51	<=13	Pass
	1913.5	15	0	4.18	<=13	Pass
16QAM	1851.5	15	0	6.49	<=13	Pass
	1882.5	15	0	6.33	<=13	Pass
	1913.5	15	0	5.02	<=13	Pass

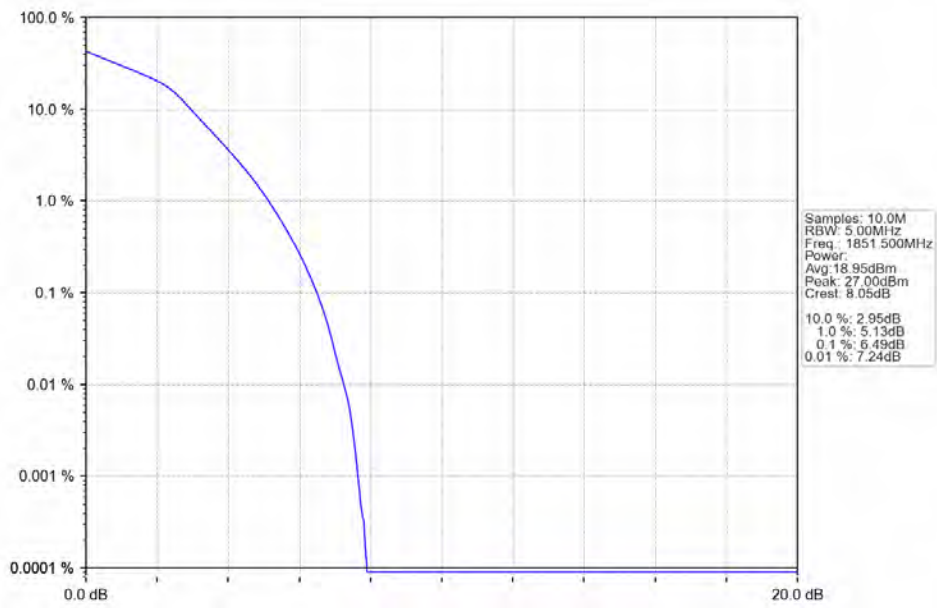
## 5.2.2 Test Graph



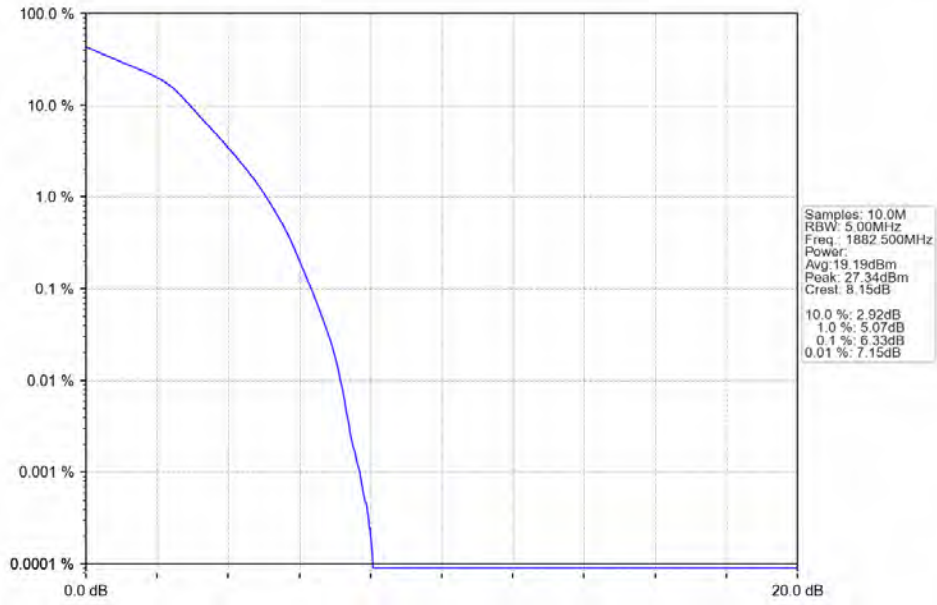
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



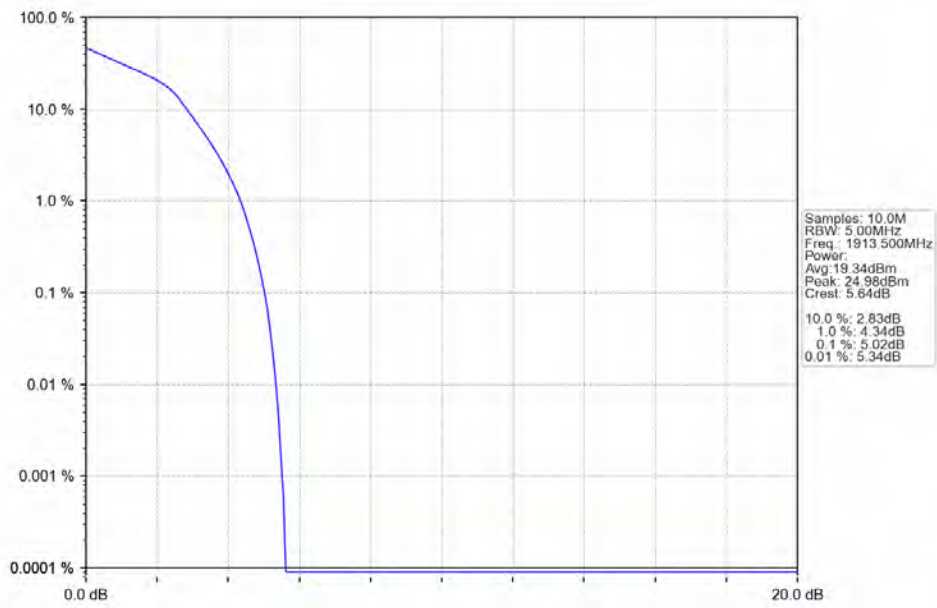
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



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



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



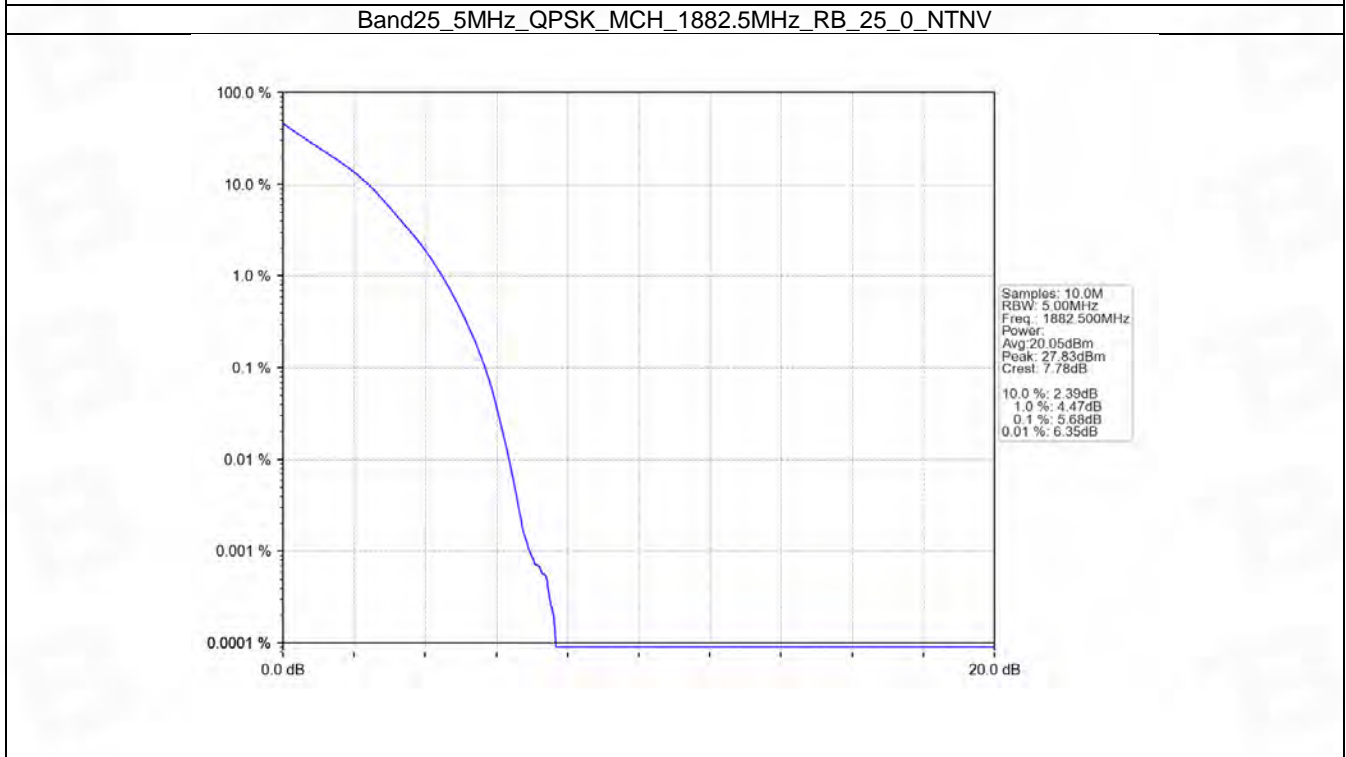
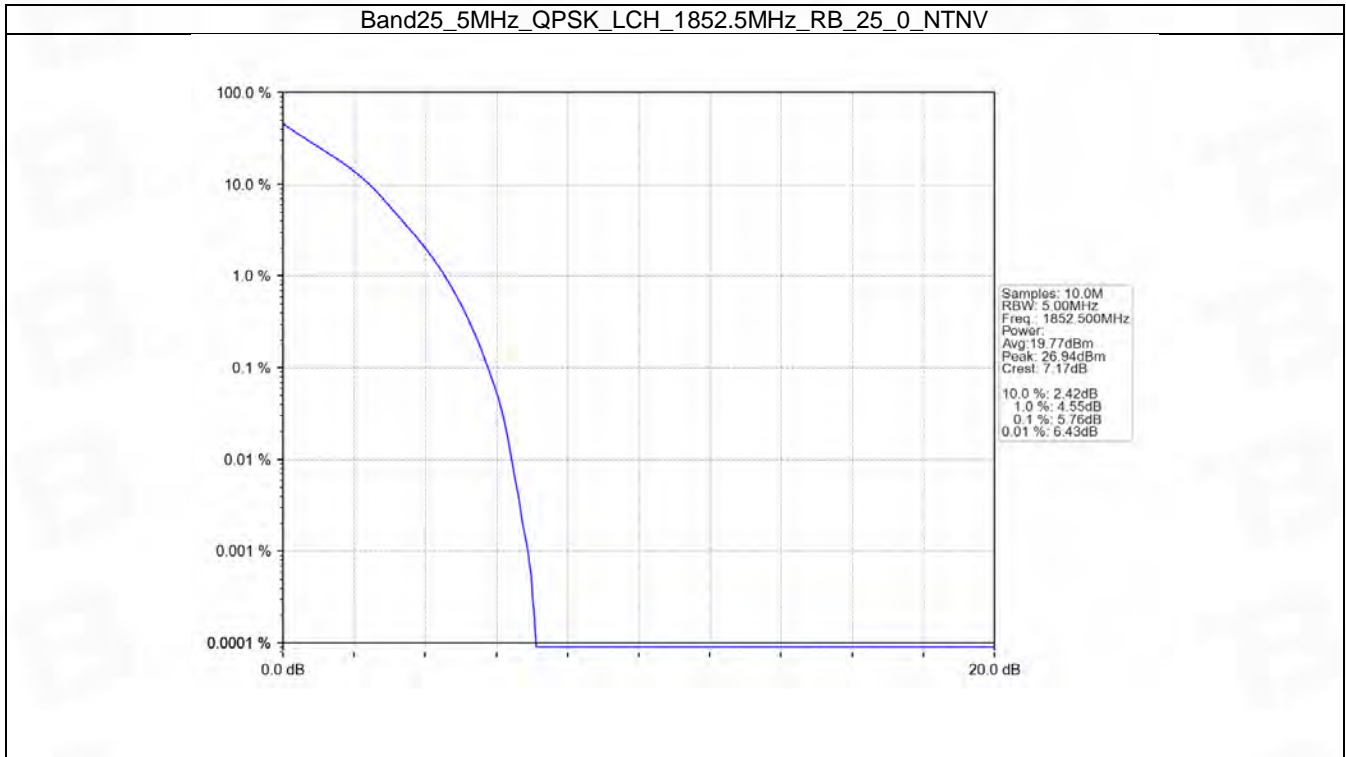
## 5.3 B25\_5MHz

### 5.3.1 Test Result

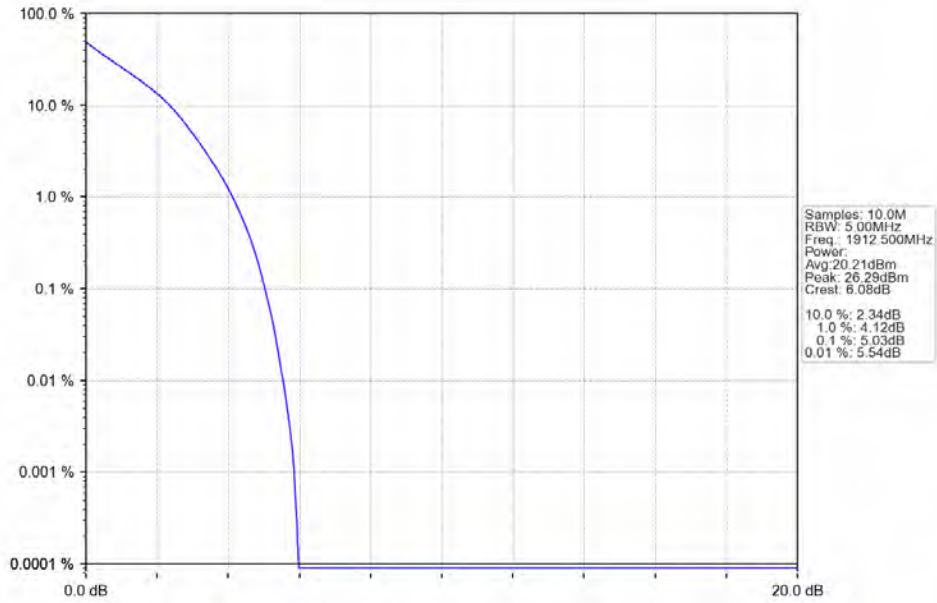
Band: 25 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.76	<=13	Pass
	1882.5	25	0	5.68	<=13	Pass
	1912.5	25	0	5.03	<=13	Pass
16QAM	1852.5	25	0	6.48	<=13	Pass
	1882.5	25	0	6.35	<=13	Pass
	1912.5	25	0	5.74	<=13	Pass



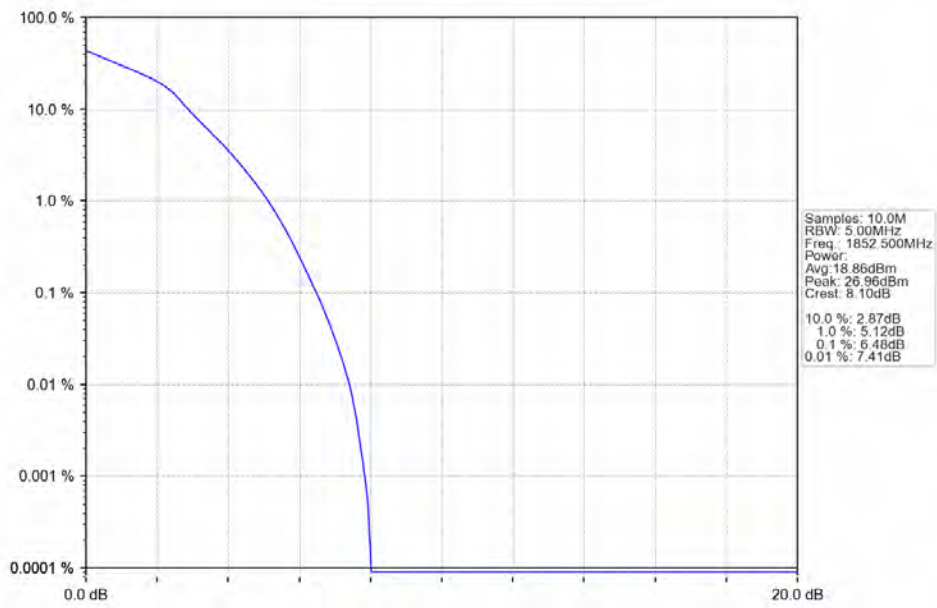
### 5.3.2 Test Graph



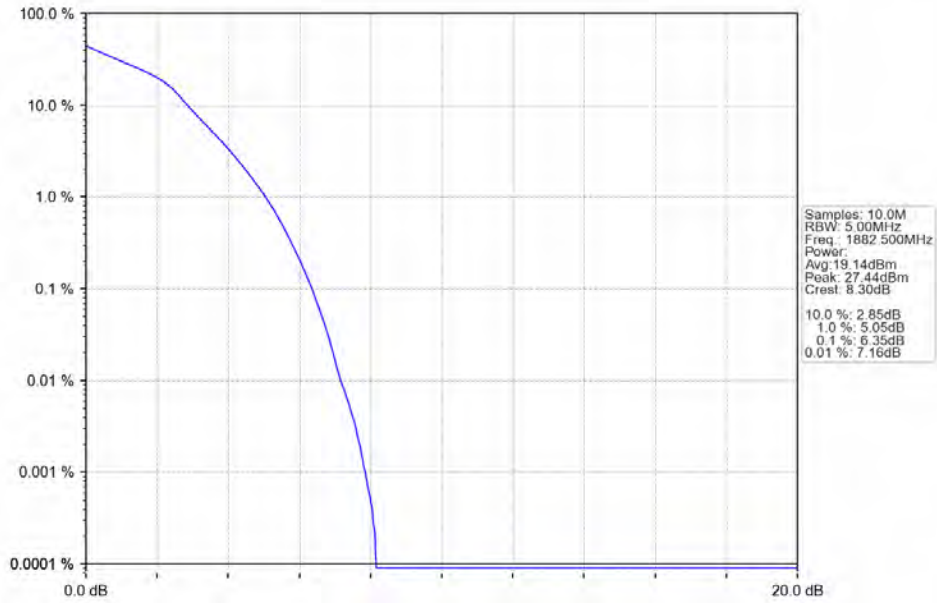
Band25\_5MHz\_QPSK\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



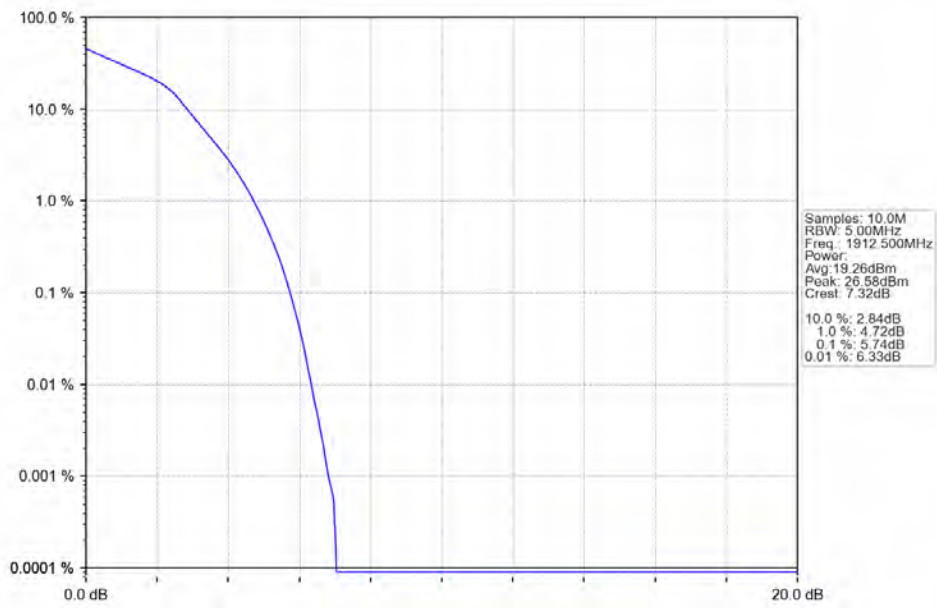
Band25\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



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



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

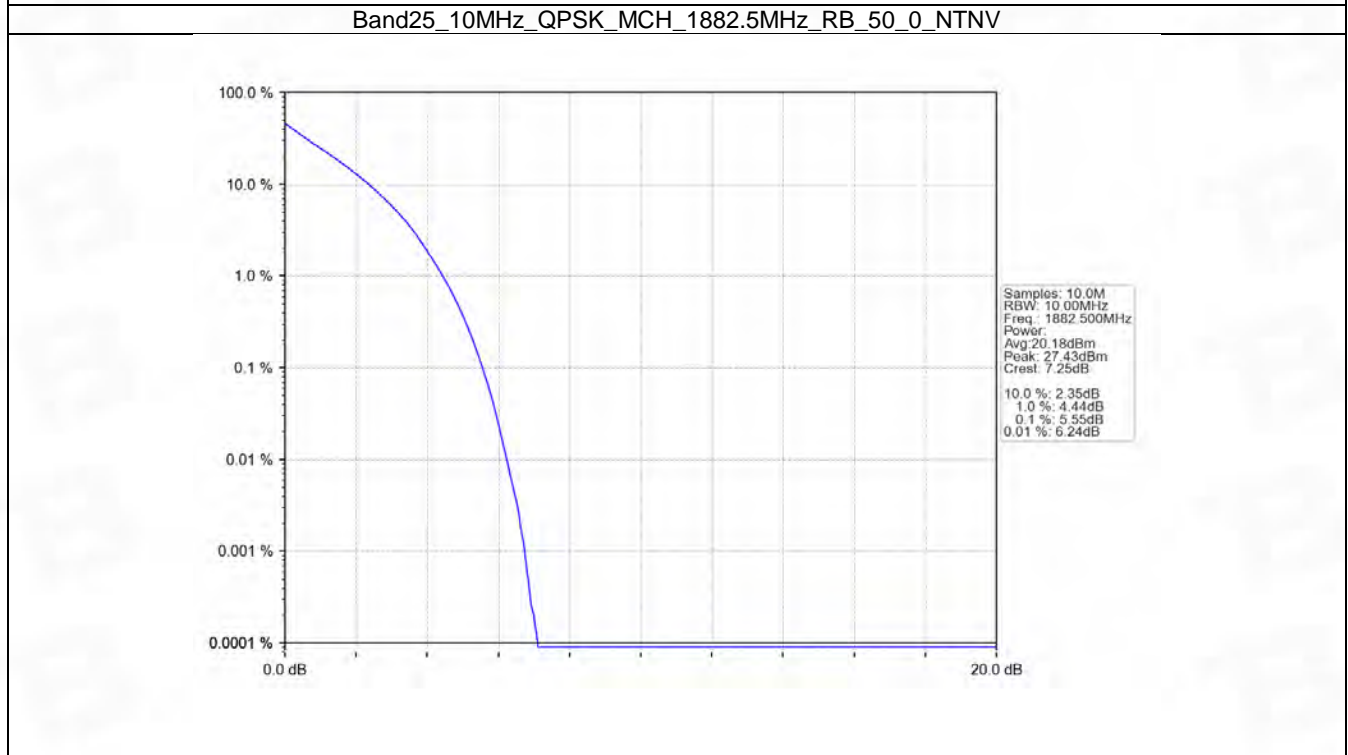
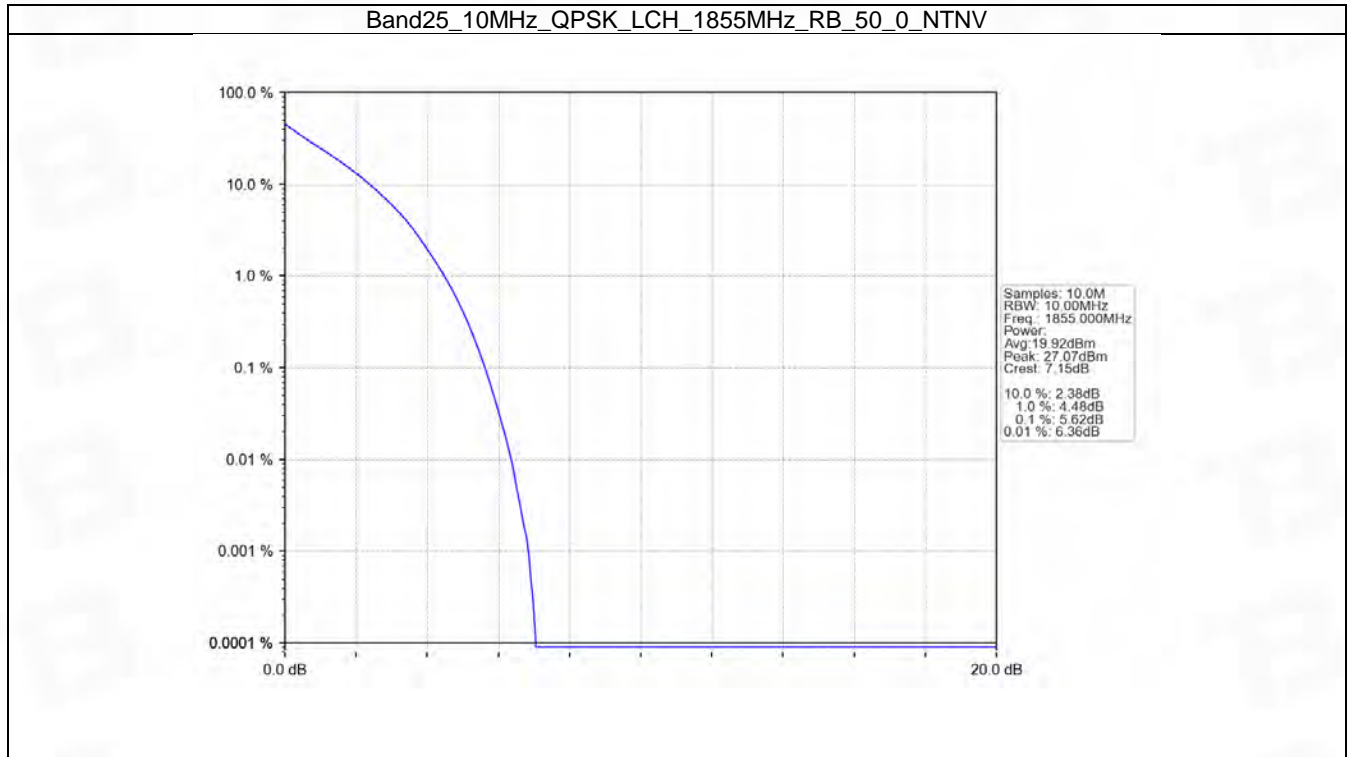


## 5.4 B25\_10MHz

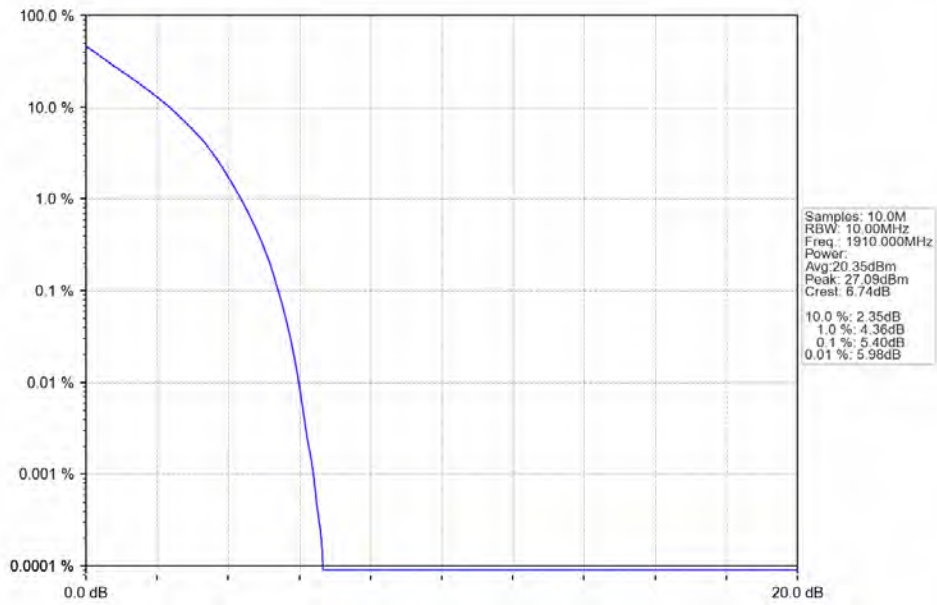
### 5.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.62	<=13	Pass
	1882.5	50	0	5.55	<=13	Pass
	1910	50	0	5.40	<=13	Pass
16QAM	1855	50	0	6.33	<=13	Pass
	1882.5	50	0	6.29	<=13	Pass
	1910	50	0	6.18	<=13	Pass

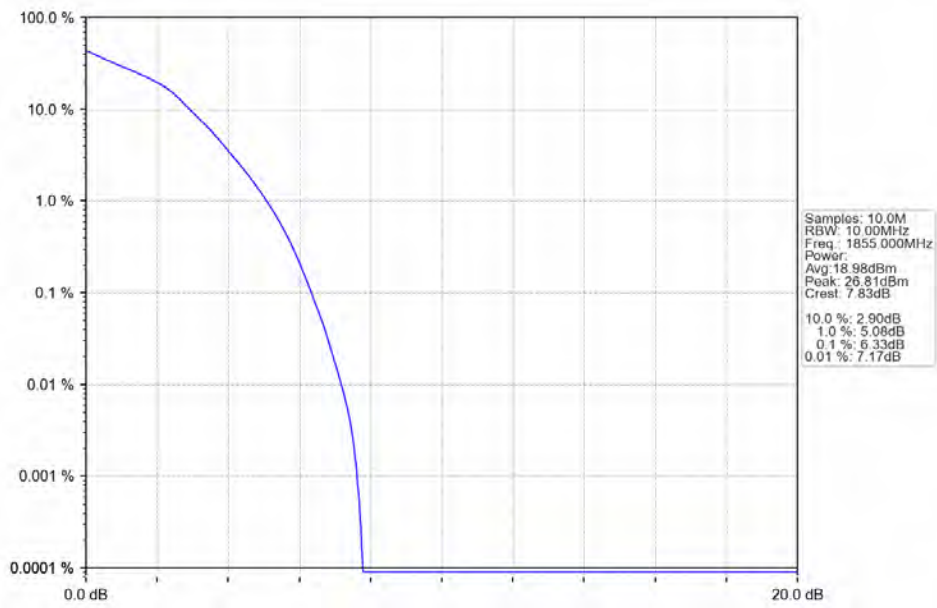
## 5.4.2 Test Graph



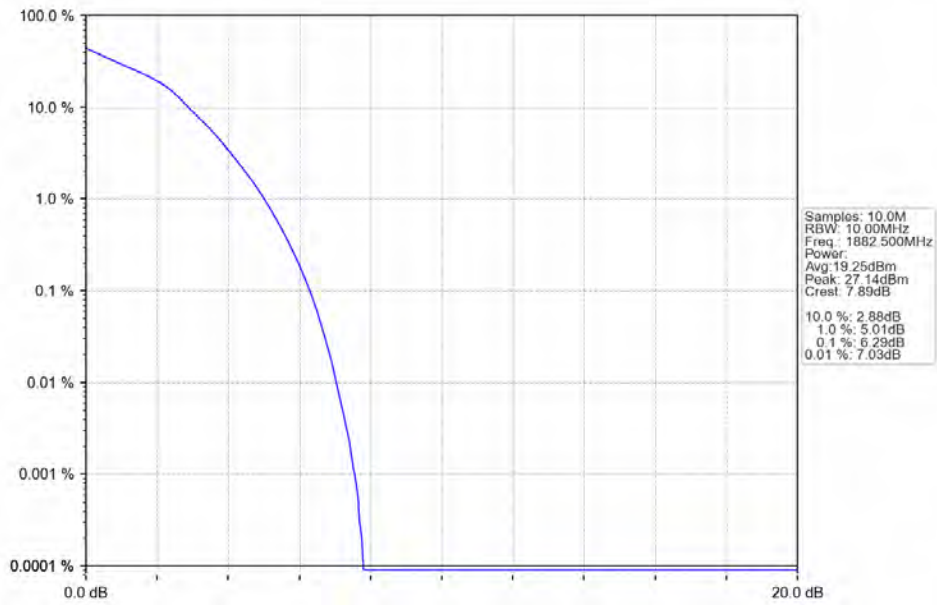
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTNV



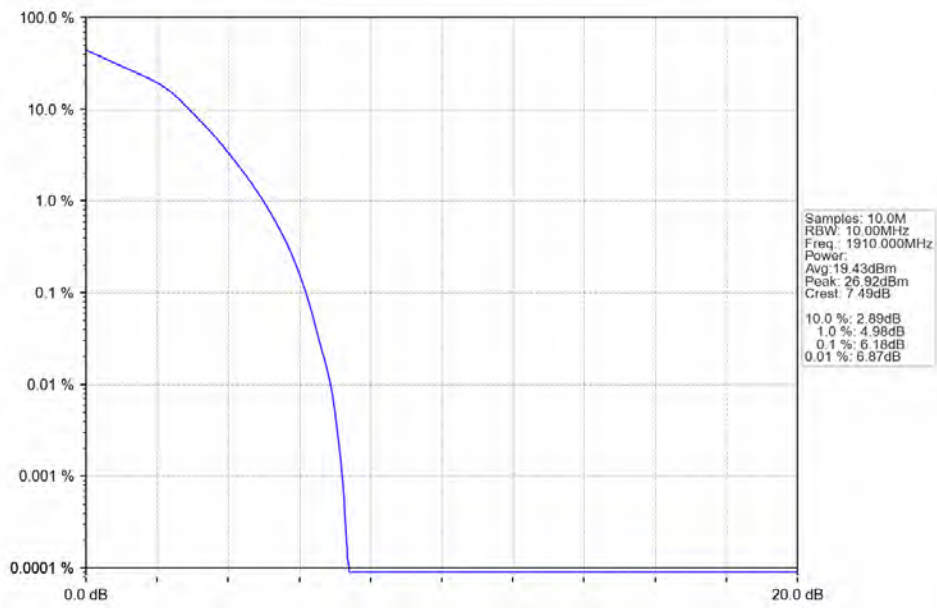
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



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



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



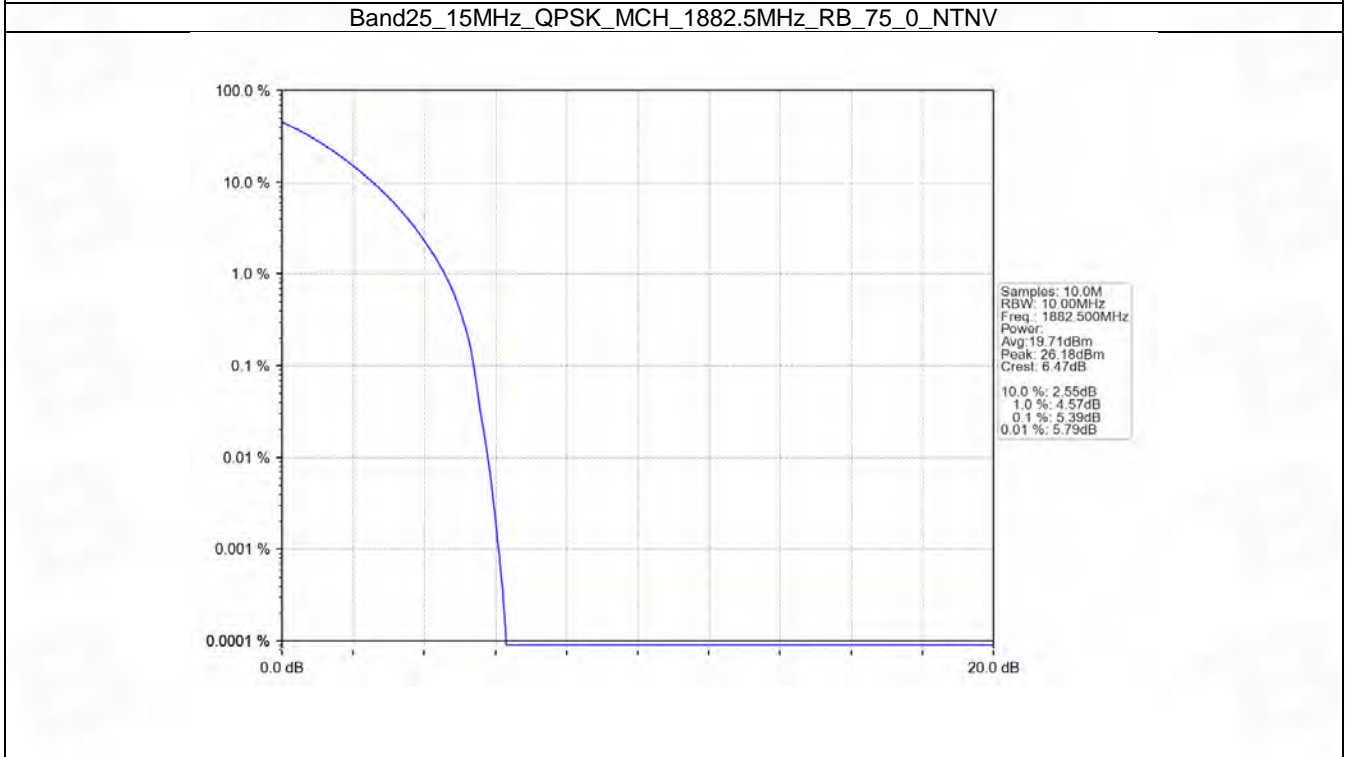
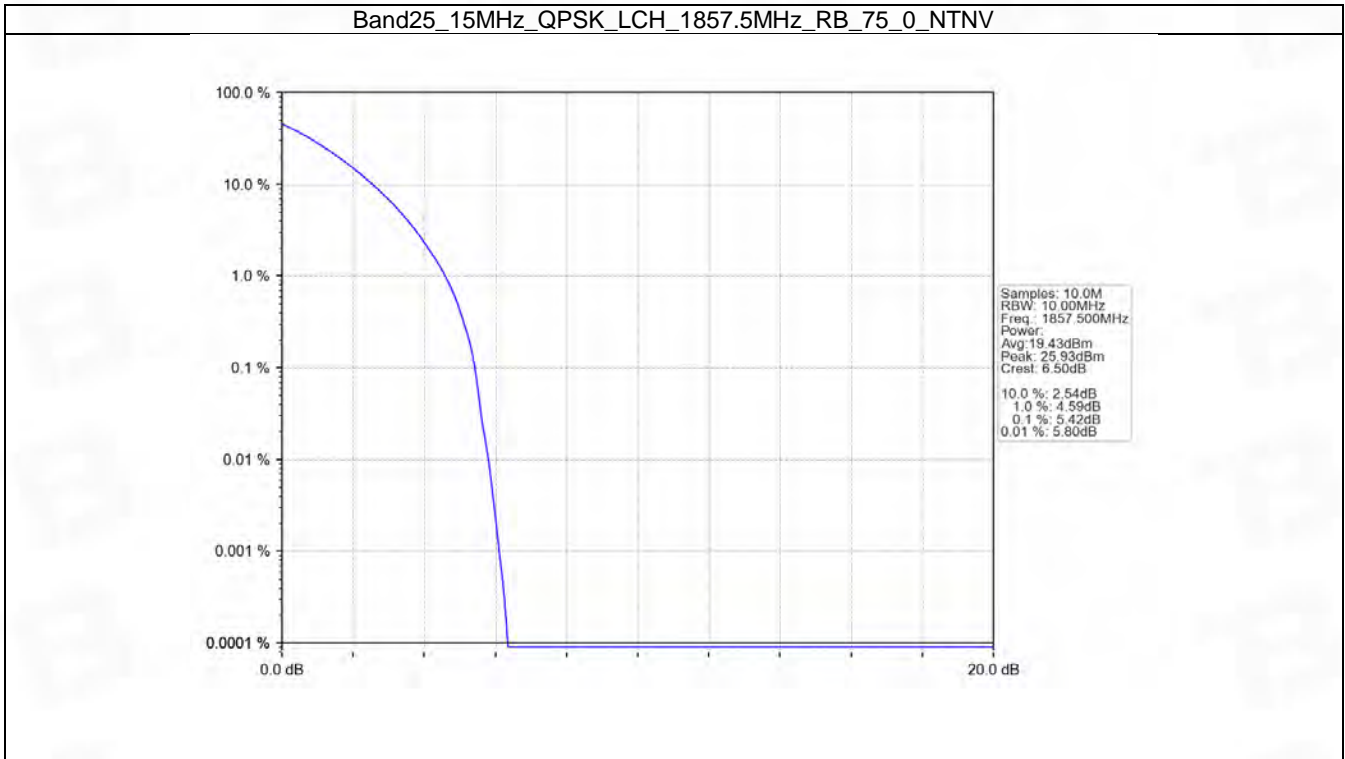
## 5.5 B25\_15MHz

### 5.5.1 Test Result

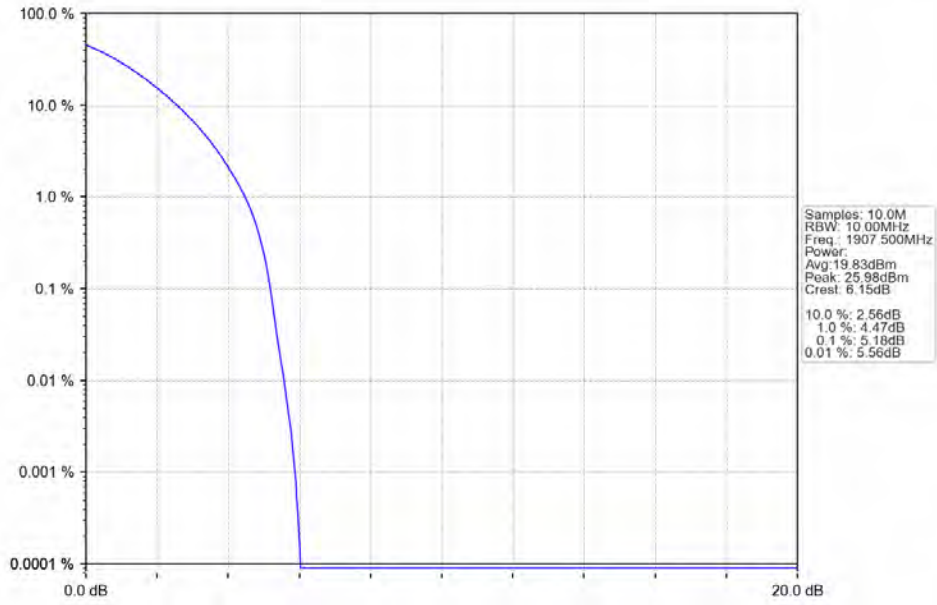
Band: 25 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.42	<=13	Pass
	1882.5	75	0	5.39	<=13	Pass
	1907.5	75	0	5.18	<=13	Pass
16QAM	1857.5	75	0	6.14	<=13	Pass
	1882.5	75	0	6.15	<=13	Pass
	1907.5	75	0	5.98	<=13	Pass



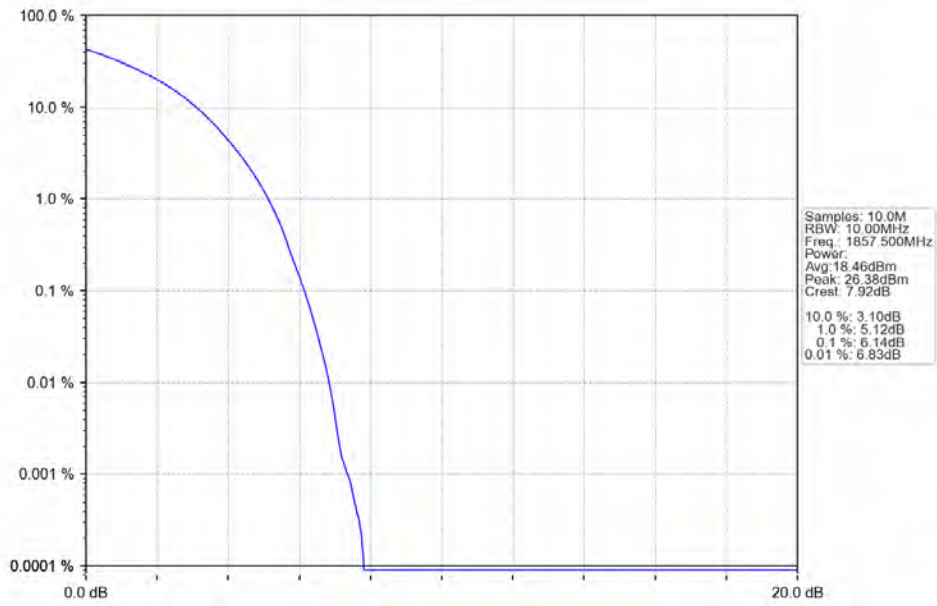
### 5.5.2 Test Graph



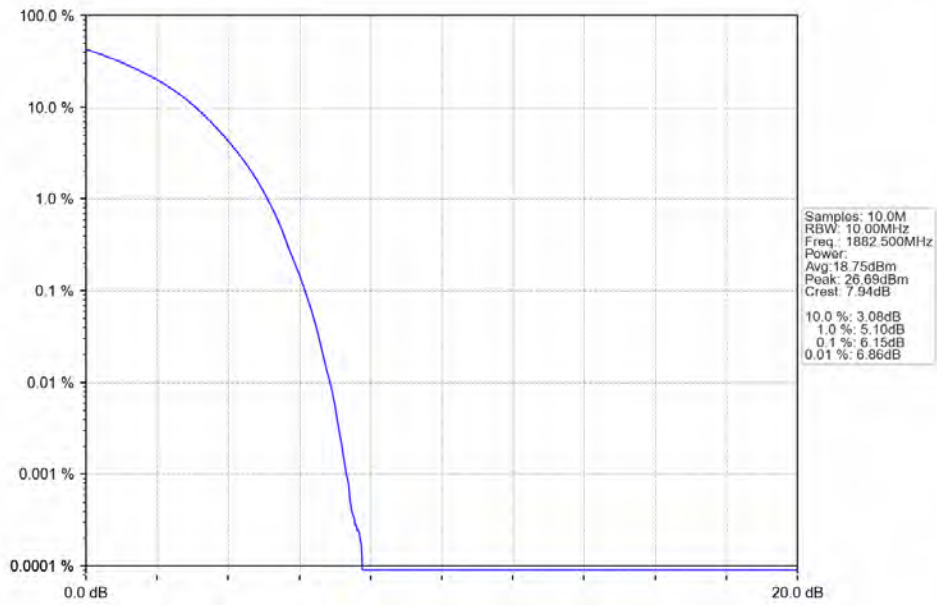
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



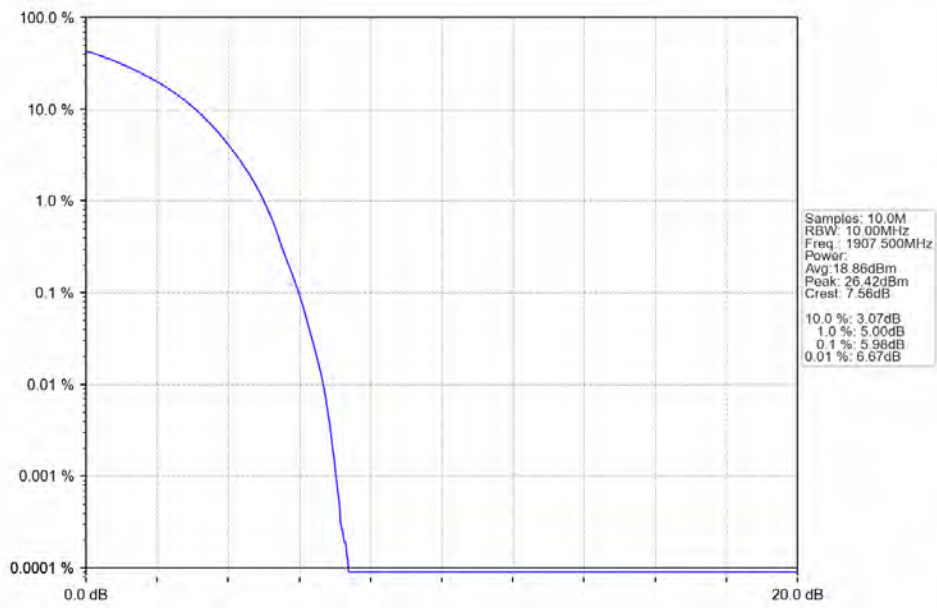
Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



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



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

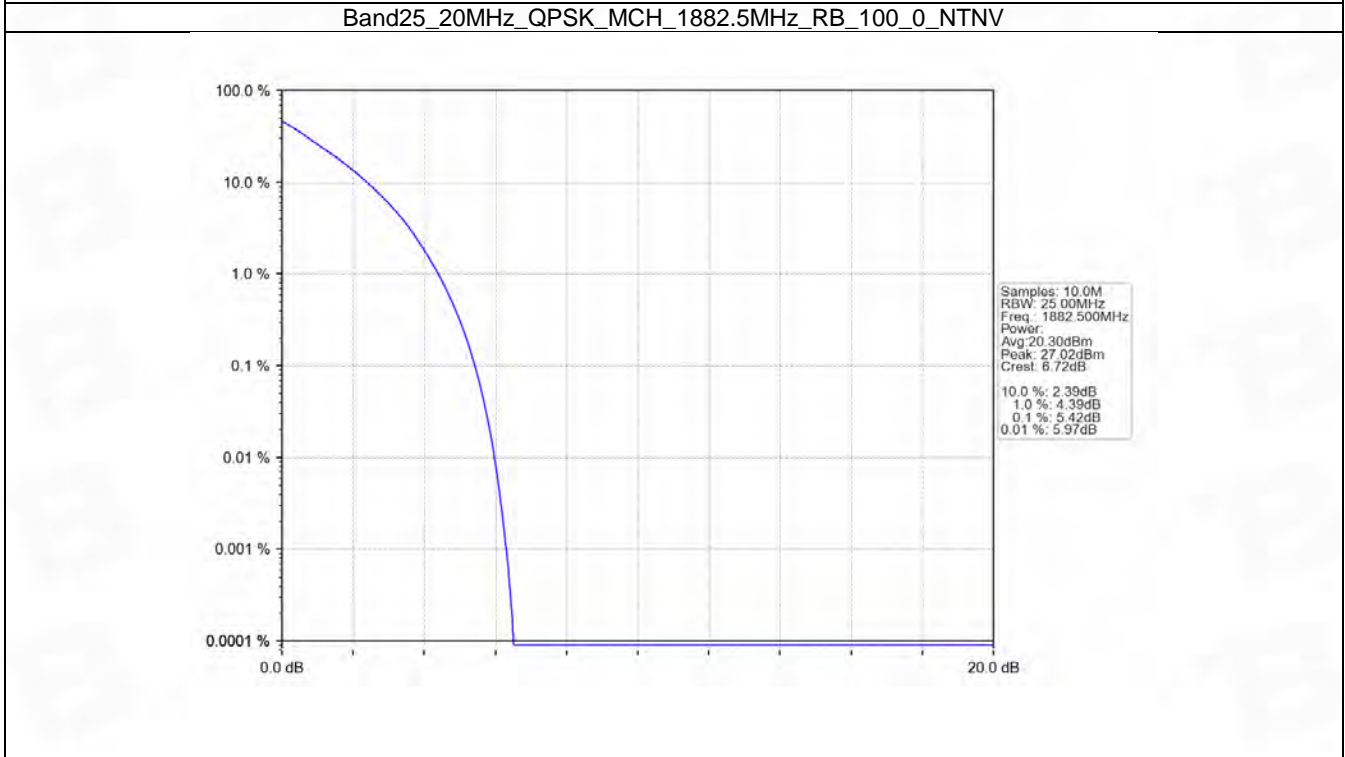
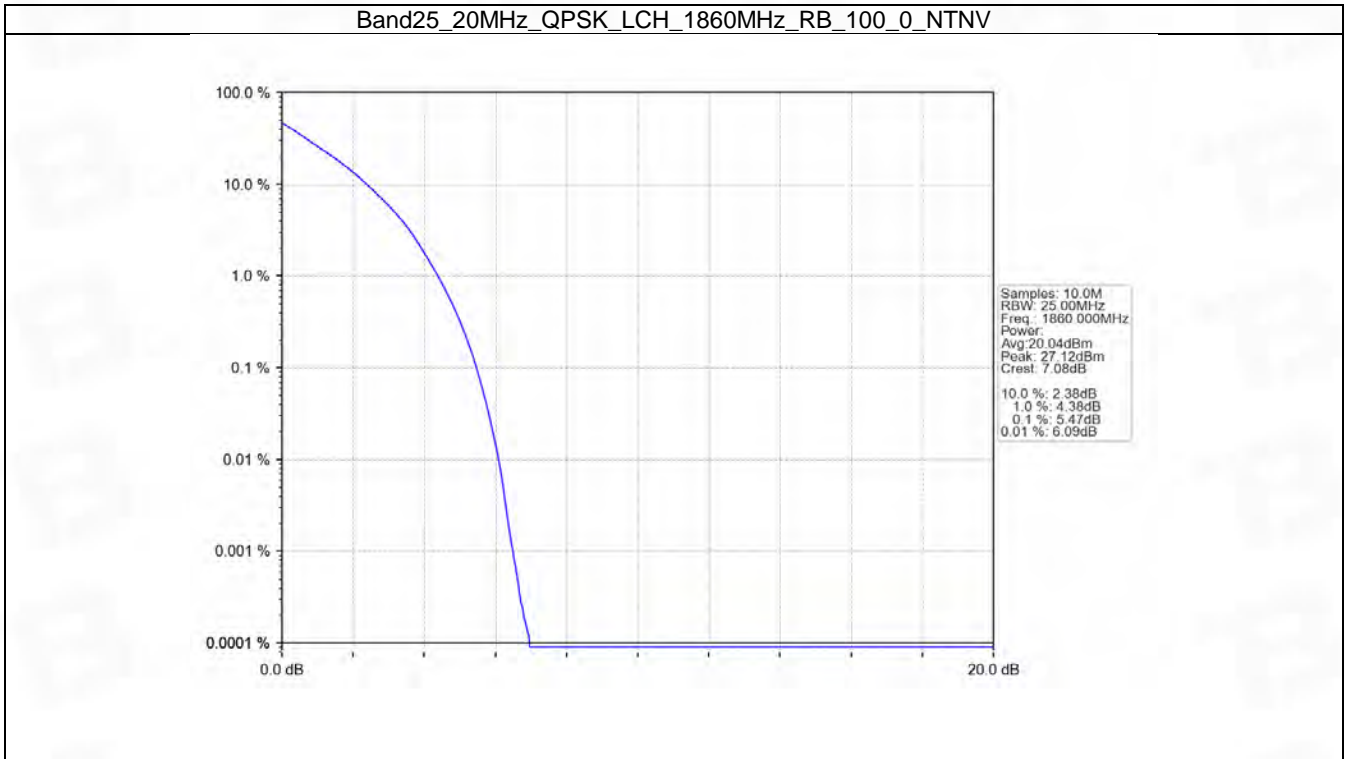


## 5.6 B25\_20MHz

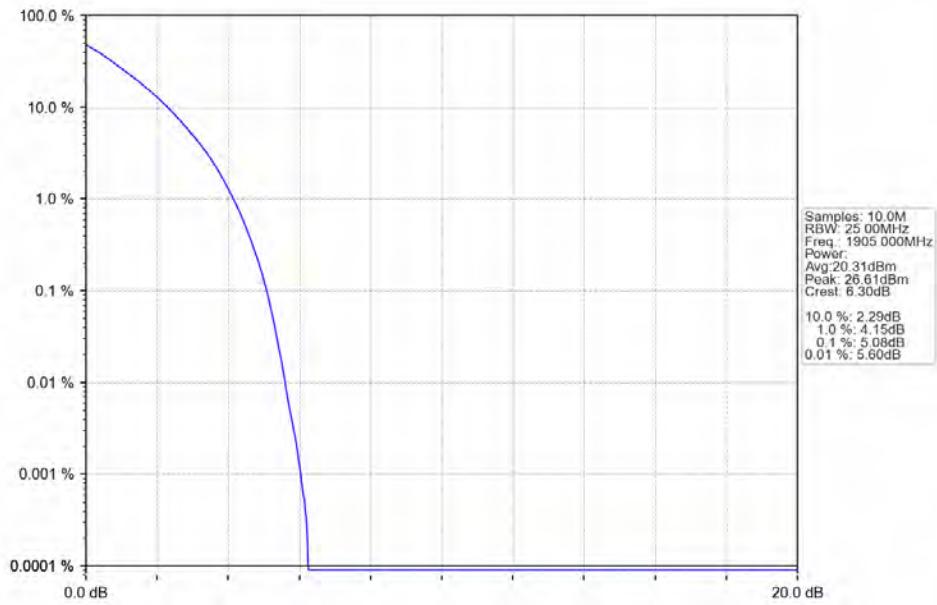
### 5.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.47	<=13	Pass
	1882.5	100	0	5.42	<=13	Pass
	1905	100	0	5.08	<=13	Pass
16QAM	1860	100	0	6.09	<=13	Pass
	1882.5	100	0	6.17	<=13	Pass
	1905	100	0	5.83	<=13	Pass

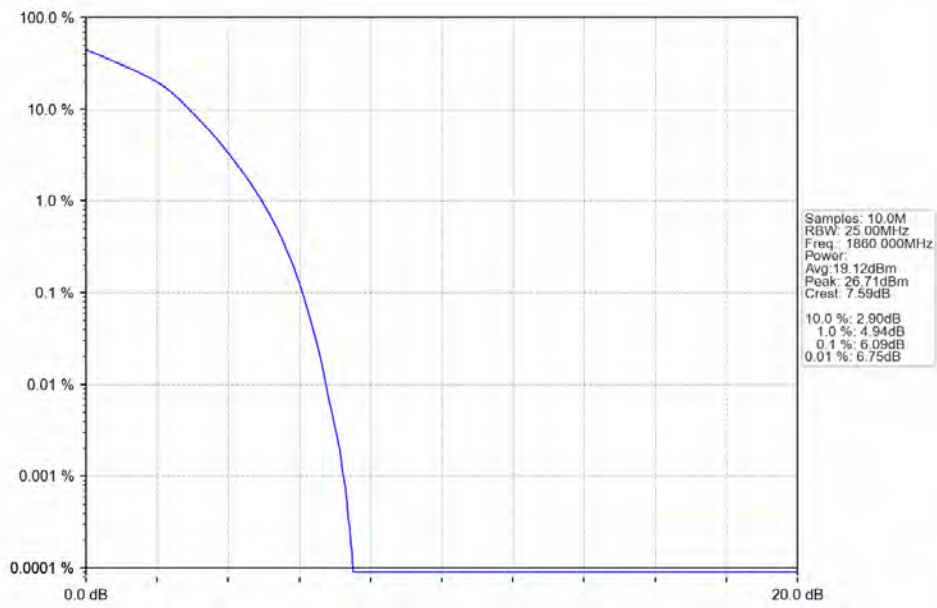
### 5.6.2 Test Graph



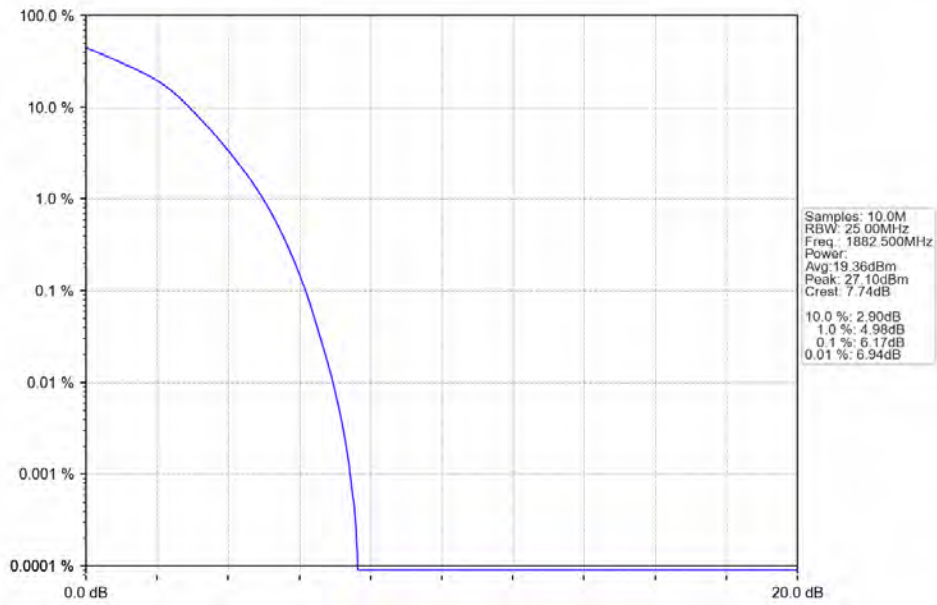
Band25\_20MHz\_QPSK\_HCH\_1905MHz\_RB\_100\_0\_NTNV



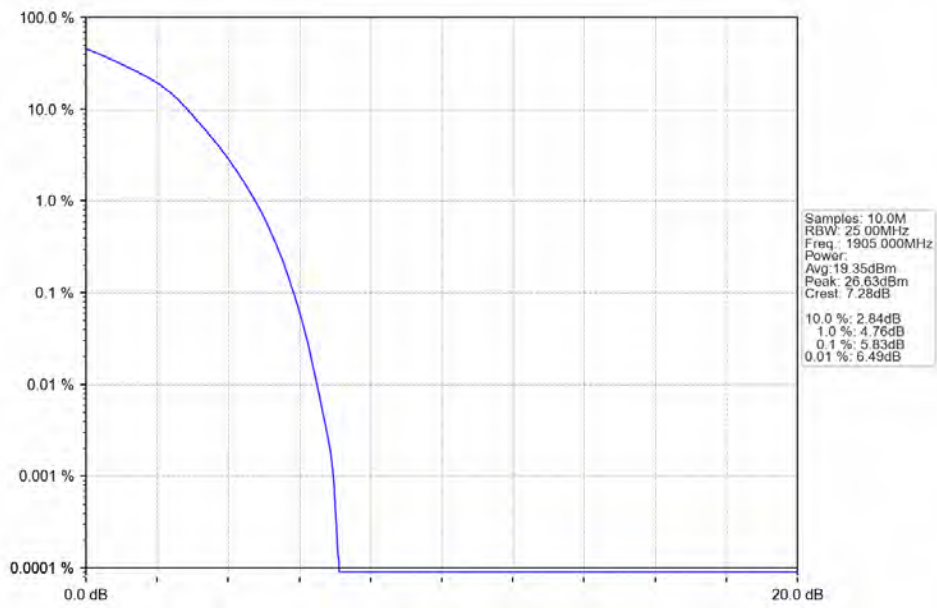
Band25\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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



## 6. Spurious Emission

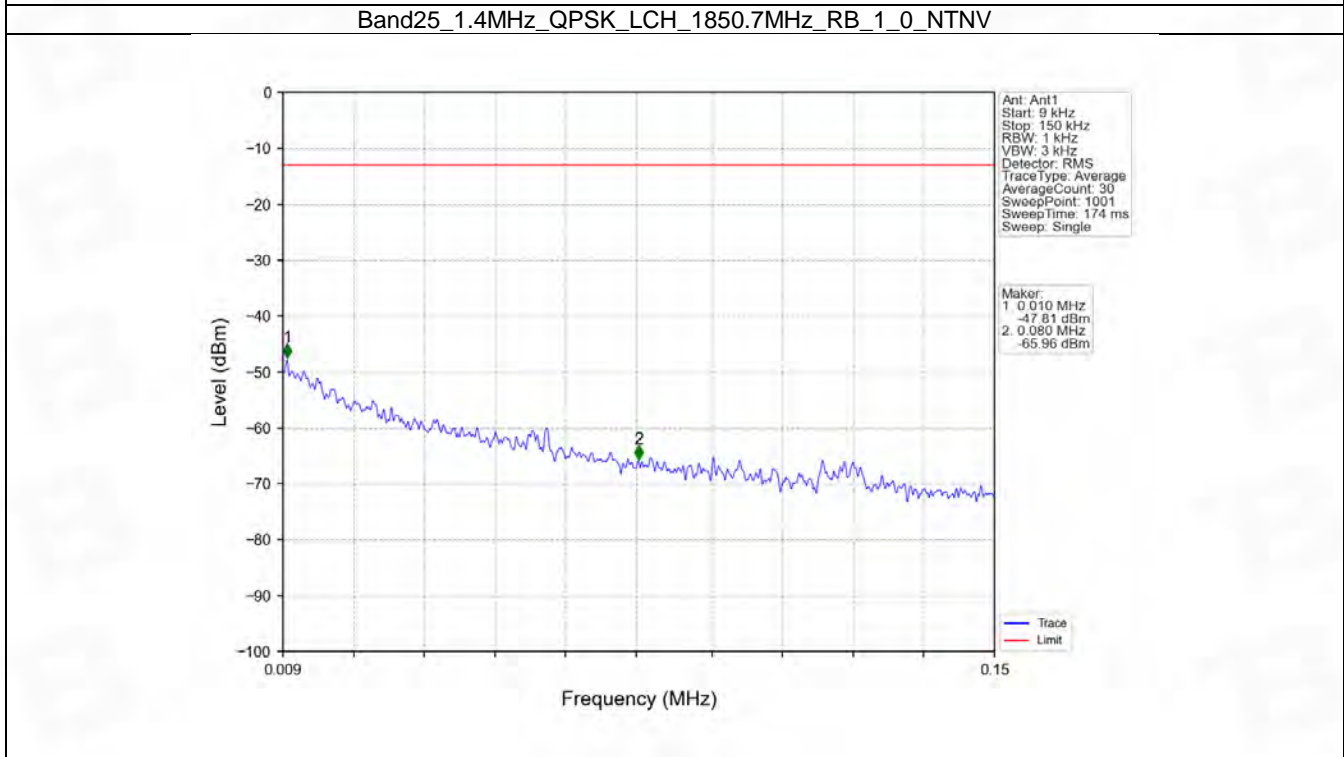
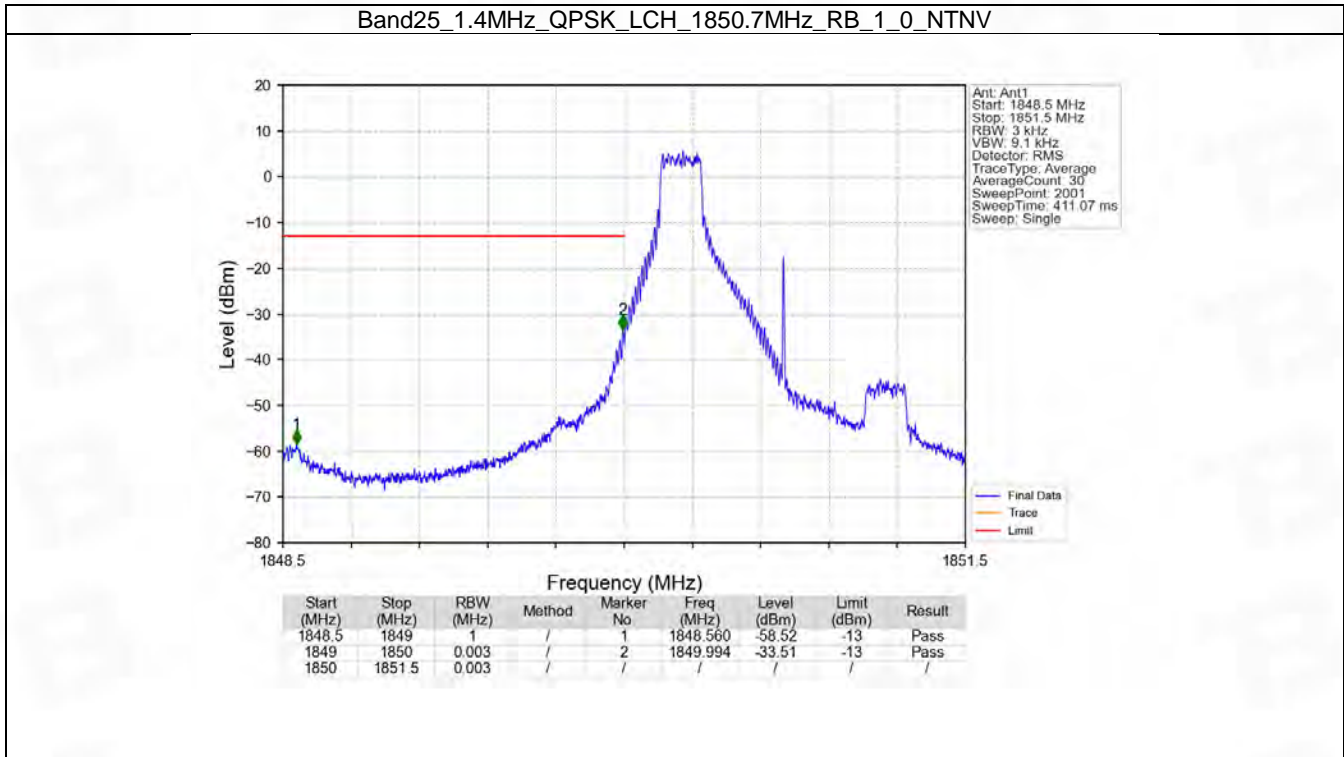
### 6.1 B25\_1.4MHz

#### 6.1.1 Test Result

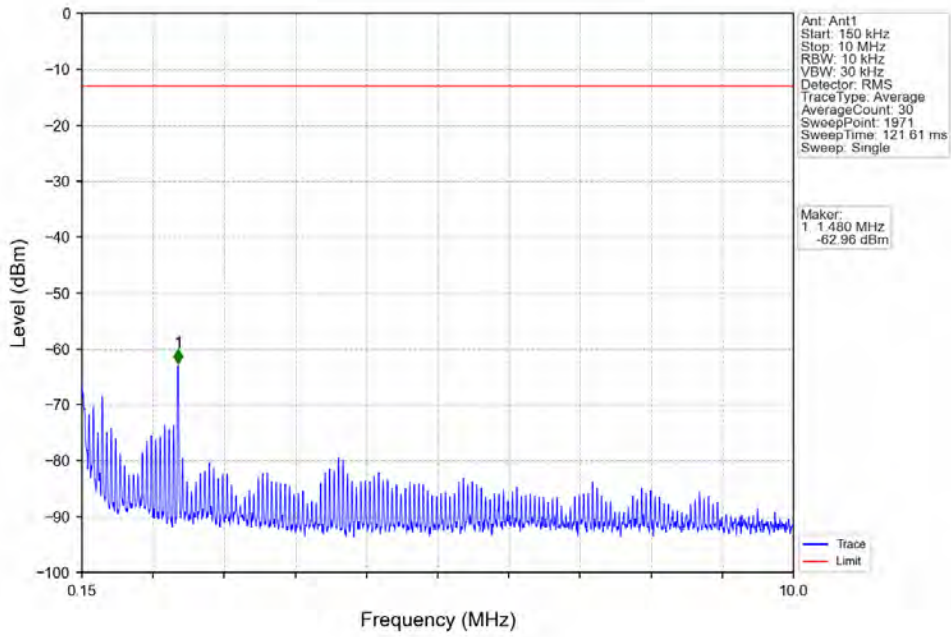
Band: 25 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1914.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1914.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass



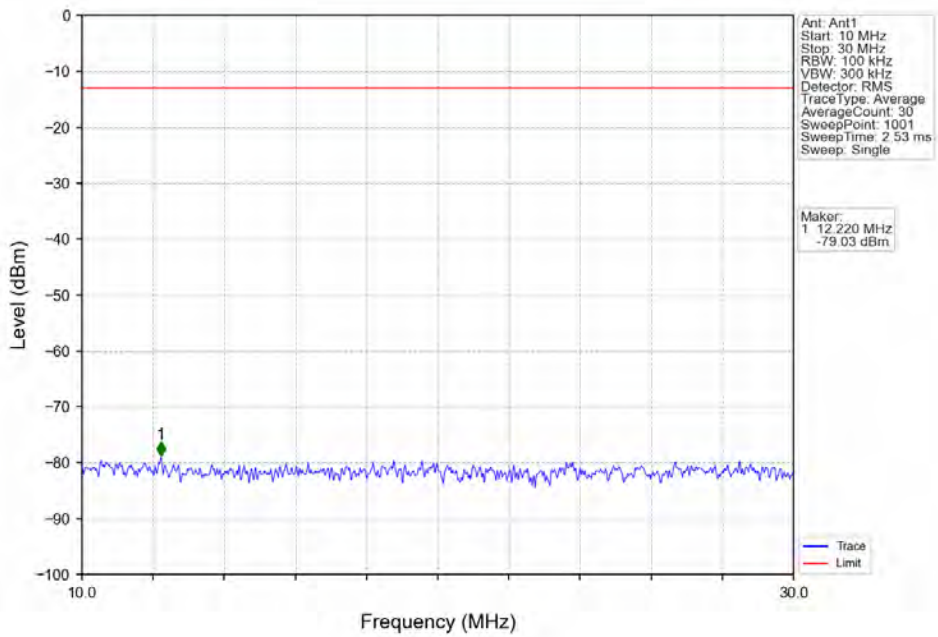
### 6.1.2 Test Graph



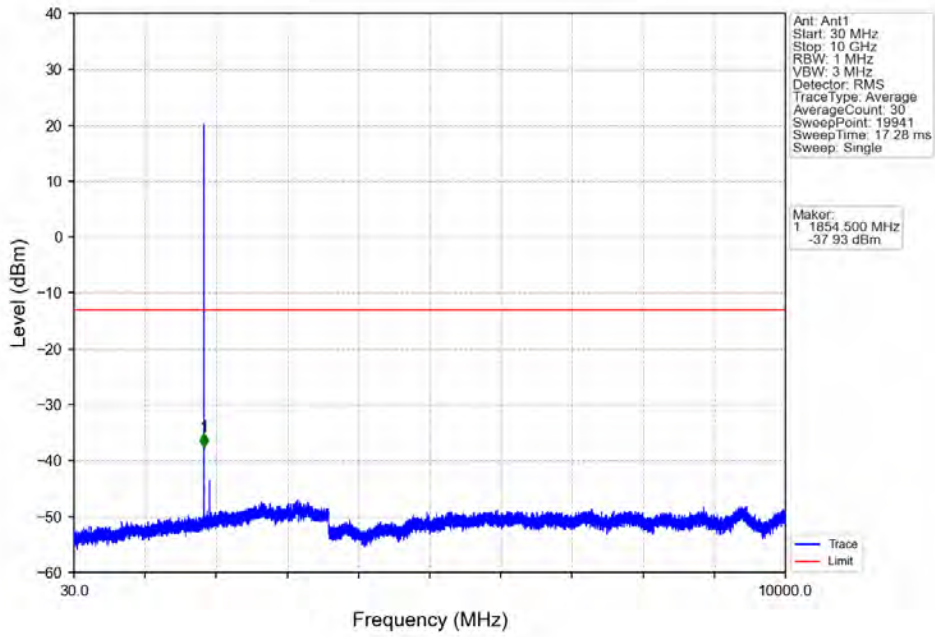
Band25\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



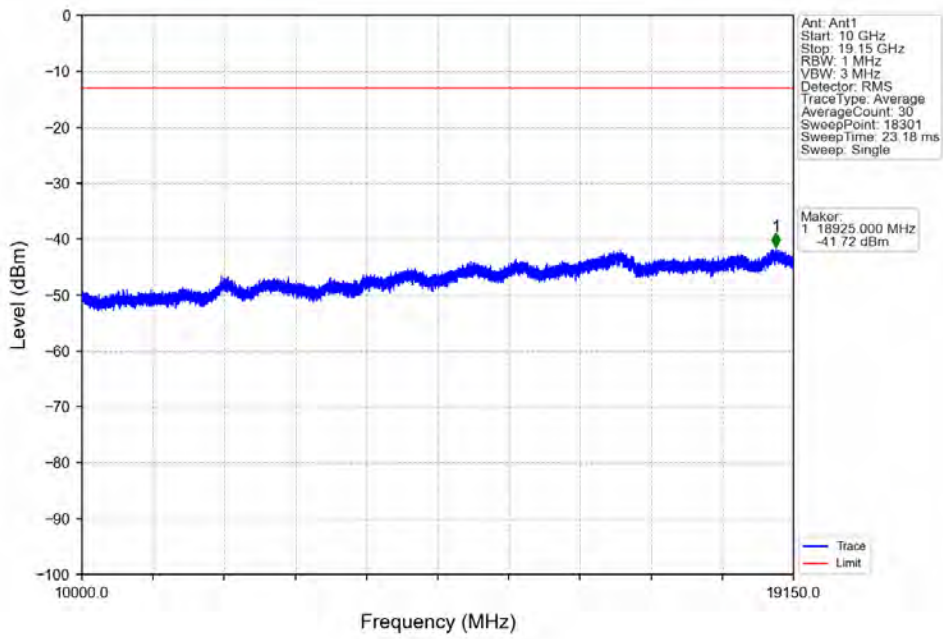
Band25\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



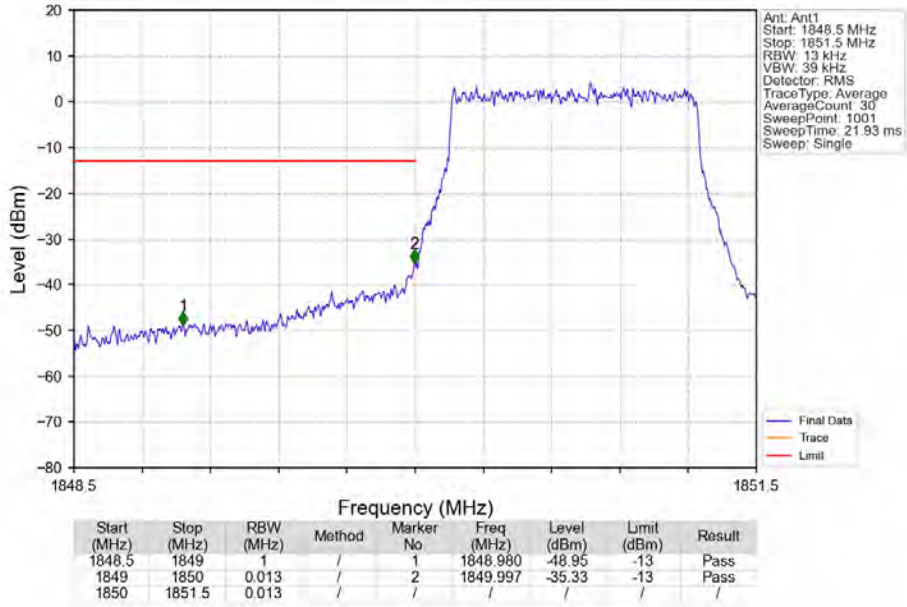
Band25\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



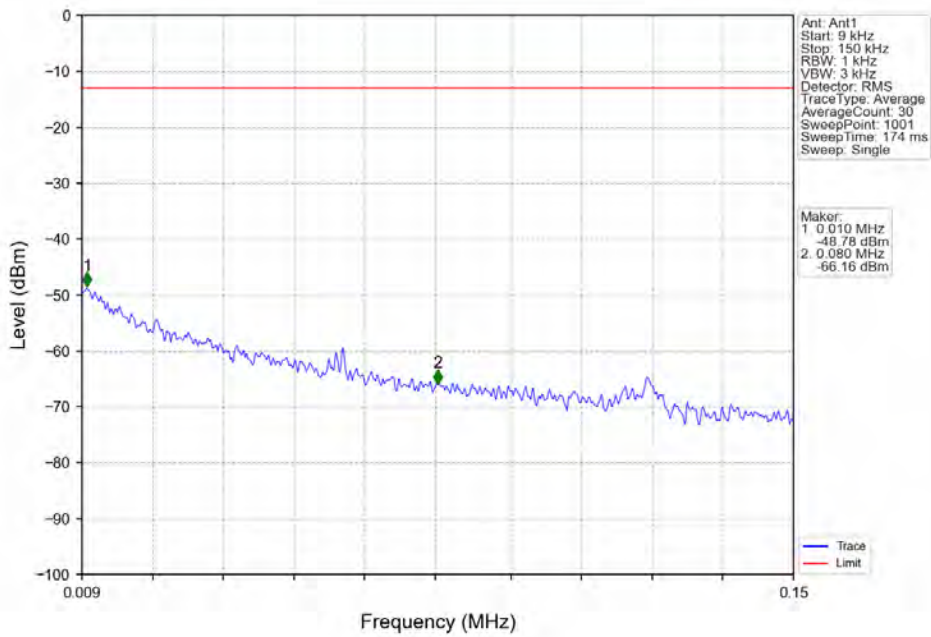
Band25\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



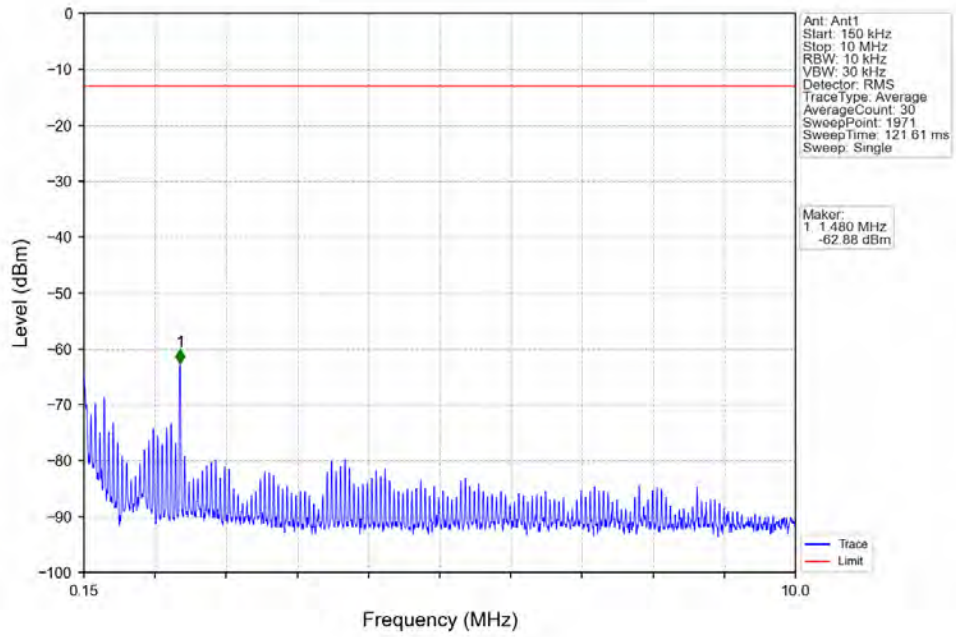
Band25\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



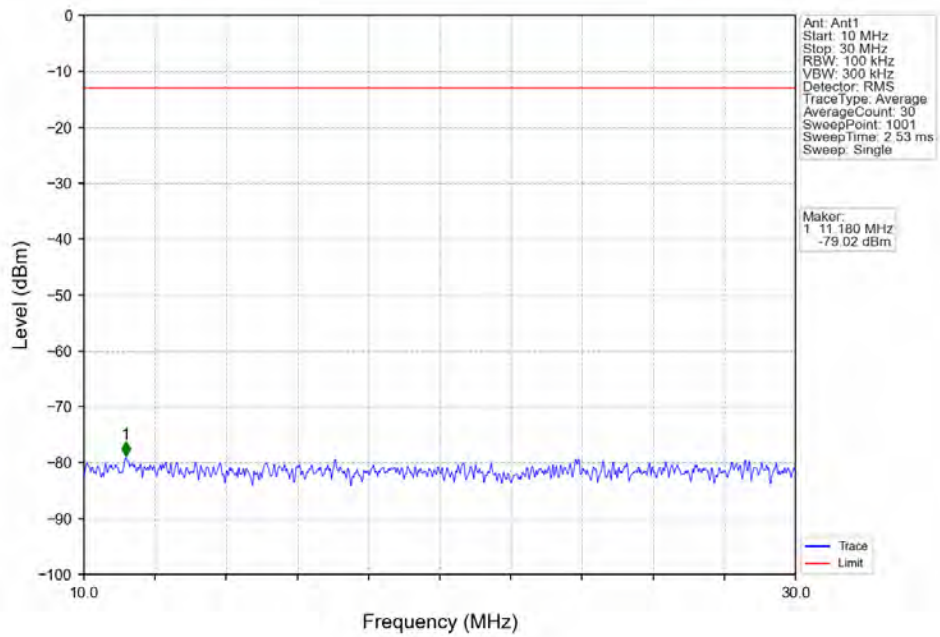
Band25\_1.4MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



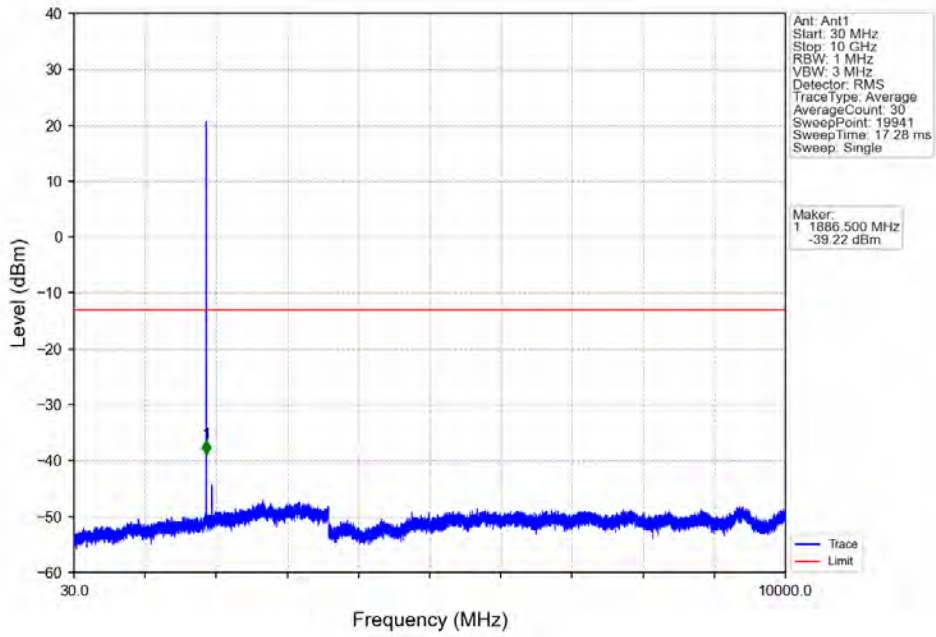
Band25\_1.4MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



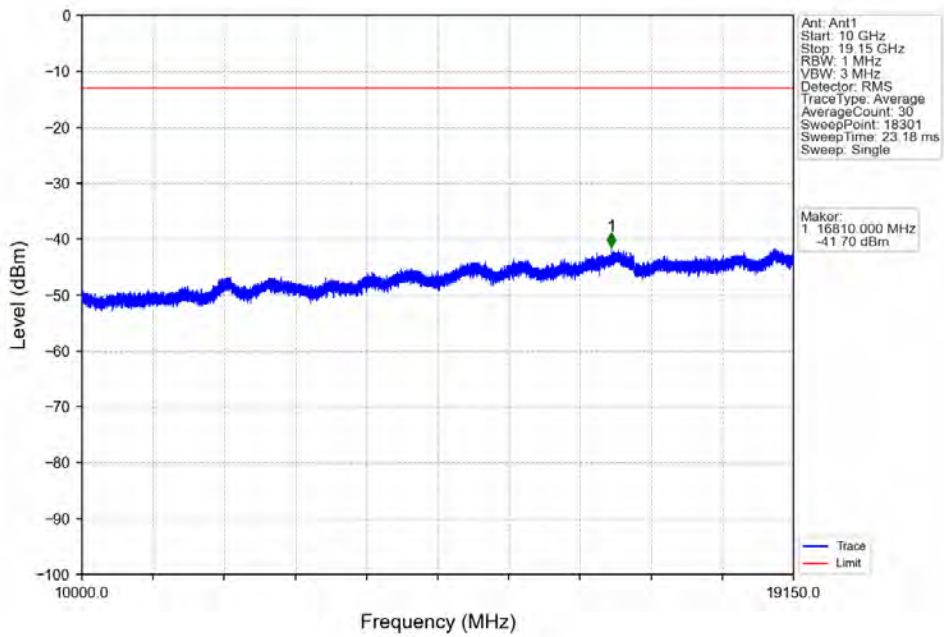
Band25\_1.4MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



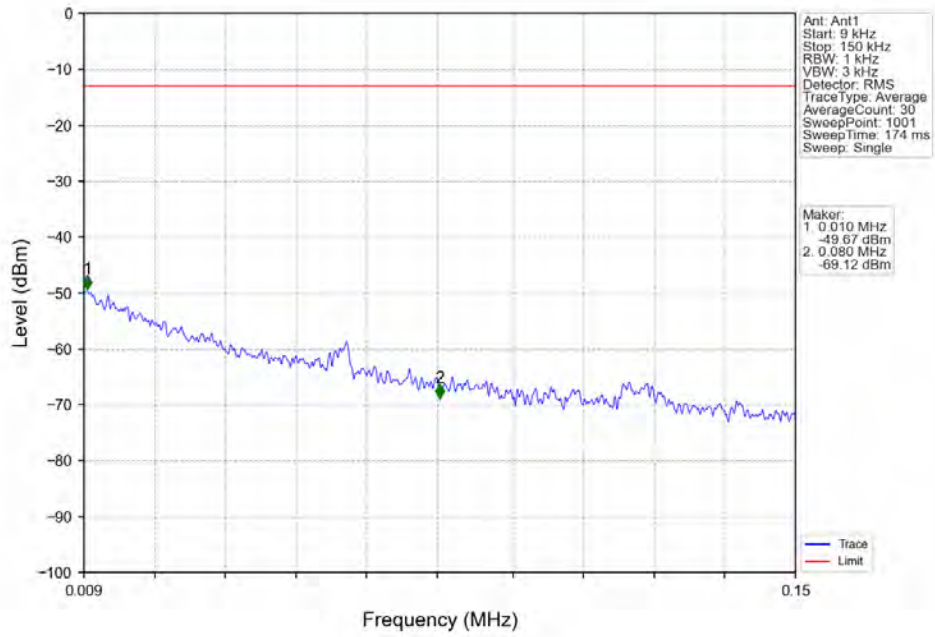
Band25\_1.4MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



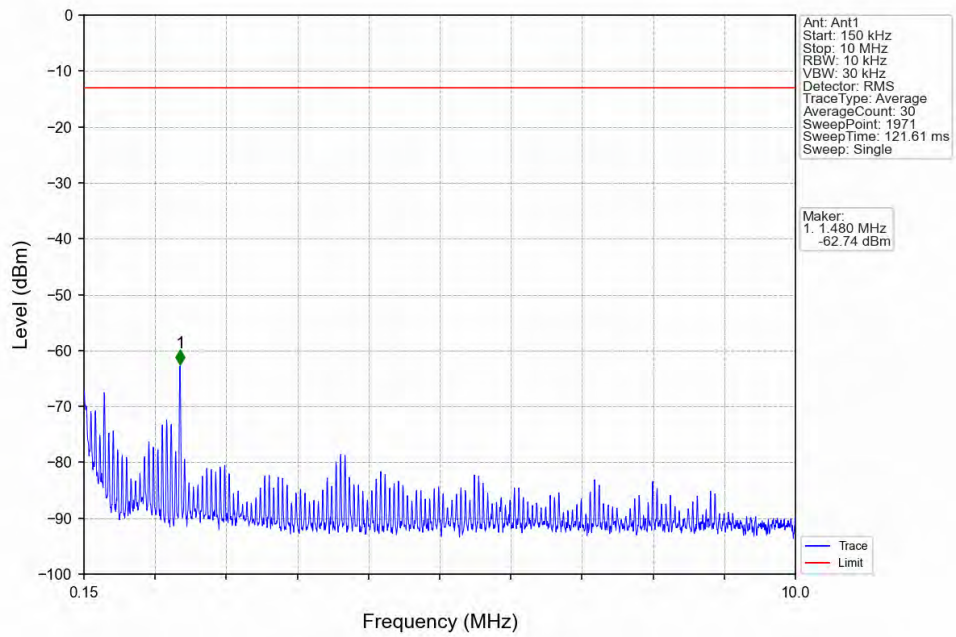
Band25\_1.4MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



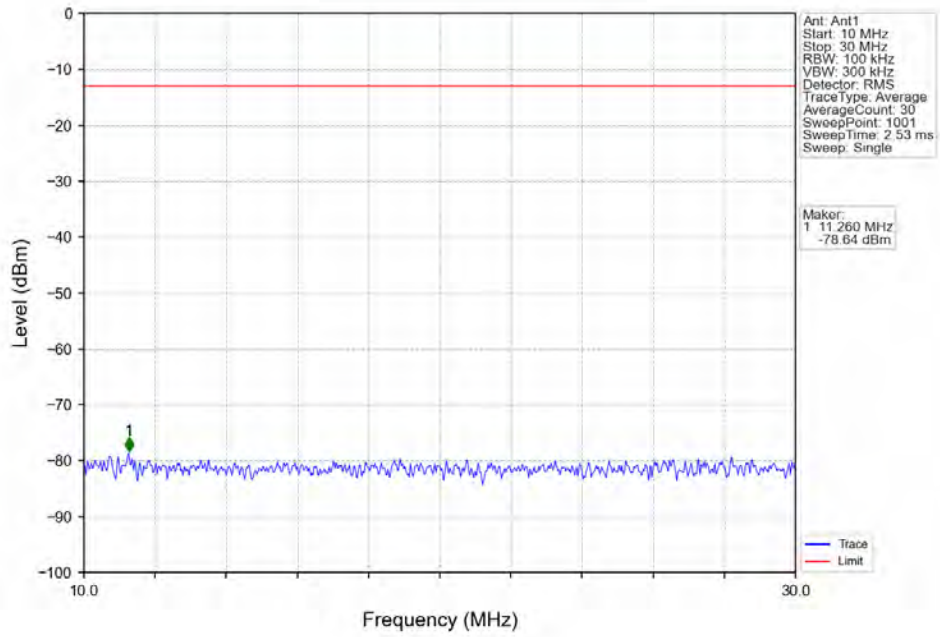
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV



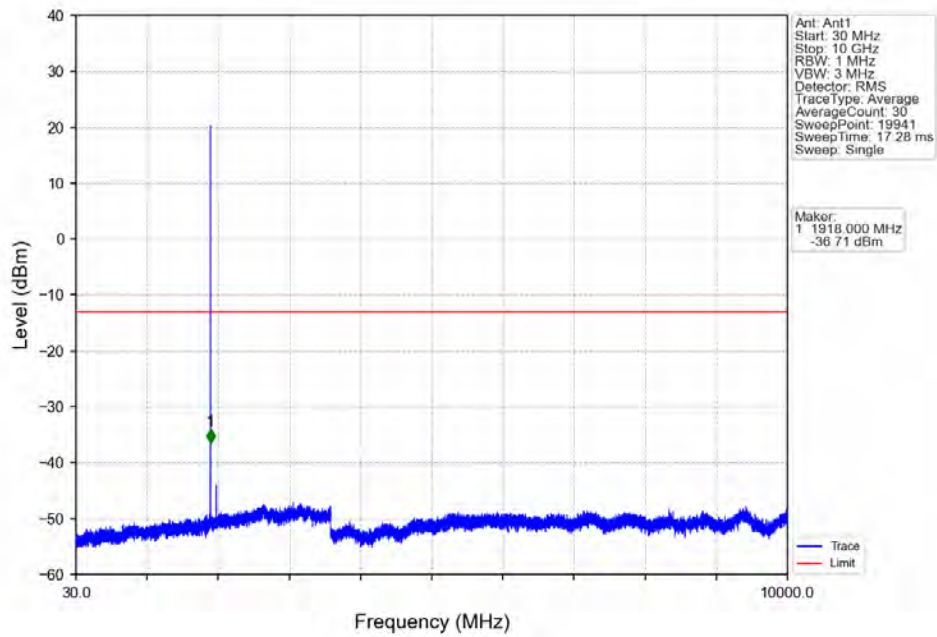
Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV



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

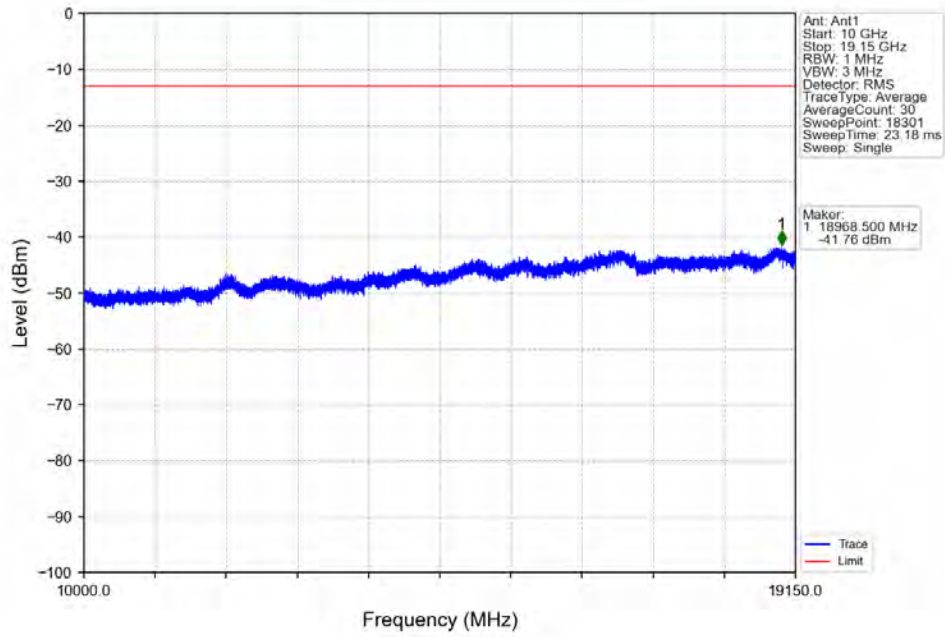


Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV

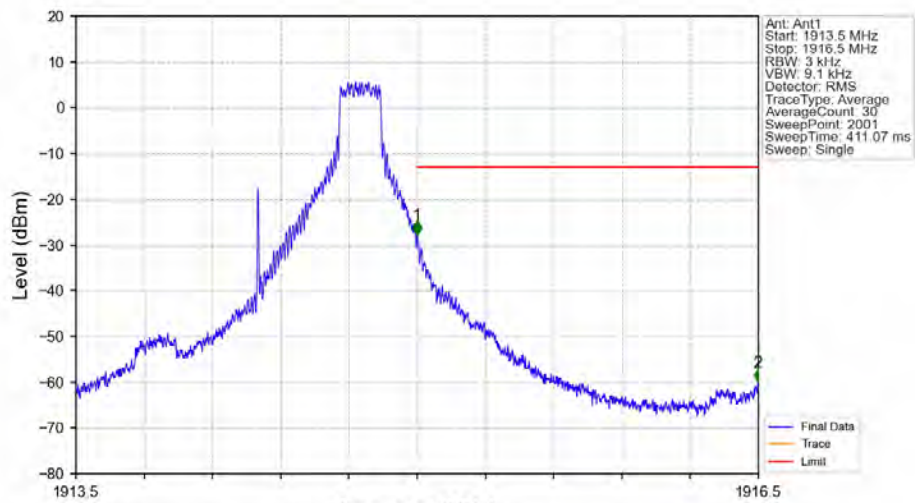




Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV

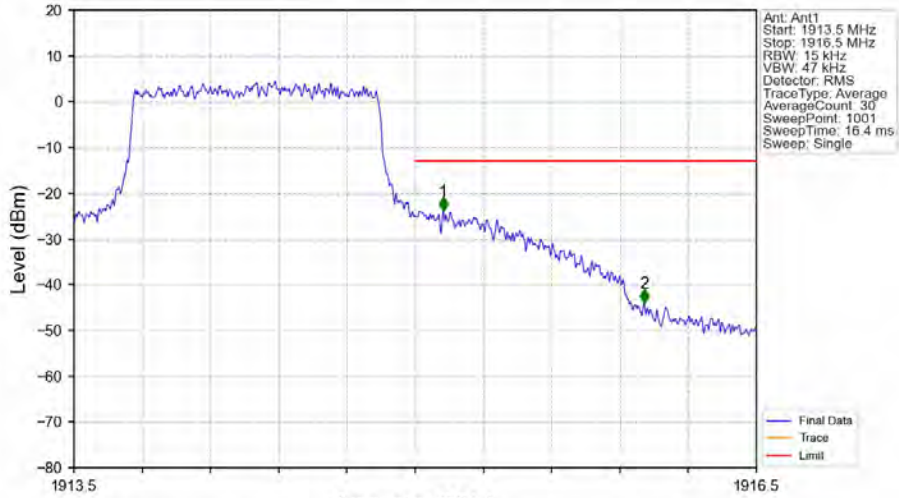


Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_1\_5\_NTNV



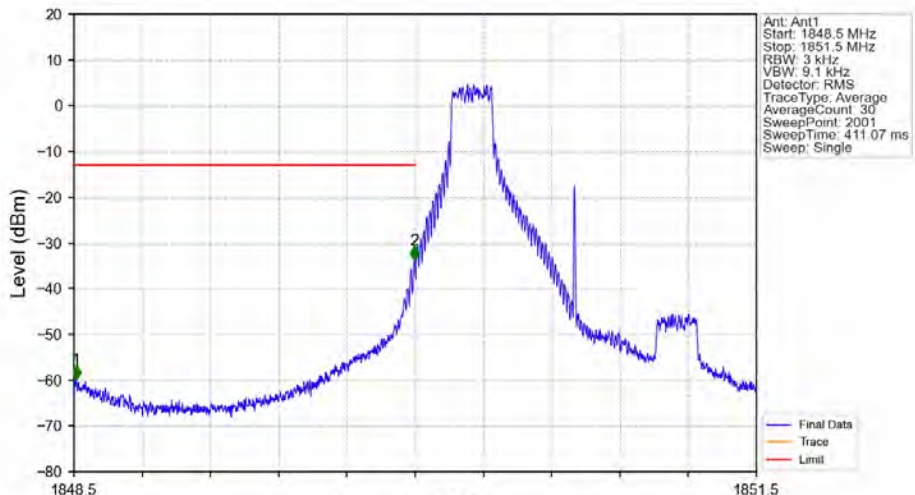
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1913.5	1915	0.003	/	1	1915.000	-27.85	-13	Pass
1915	1916	0.003	/	2	1916.498	-60.08	-13	Pass

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



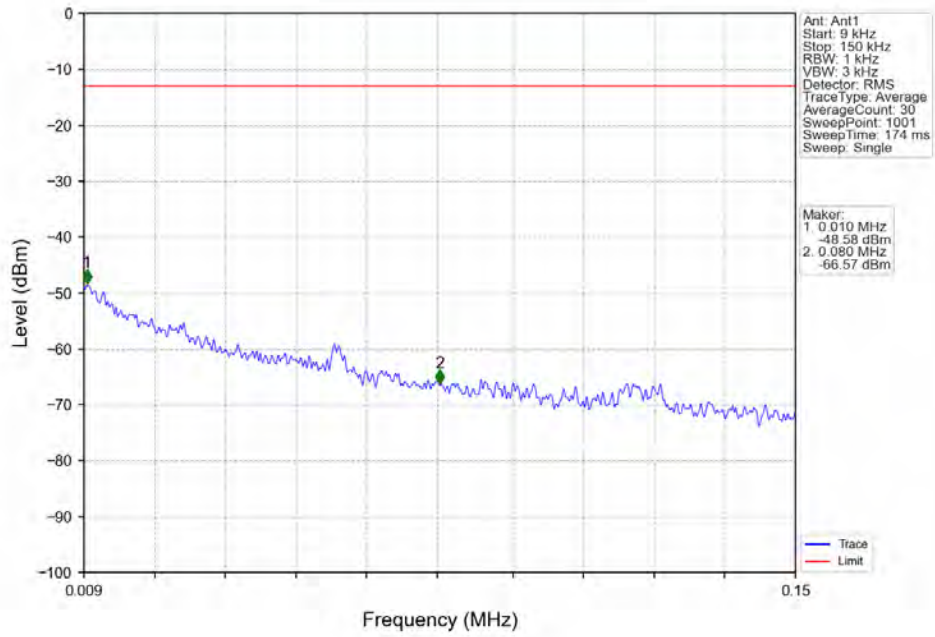
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1913.5	1915	0.015	/	/	/	/	/	/
1915	1916	0.015	/	1	1915.123	-23.91	-13	Pass
1916	1916.5	1	/	2	1916.008	-44.05	-13	Pass

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

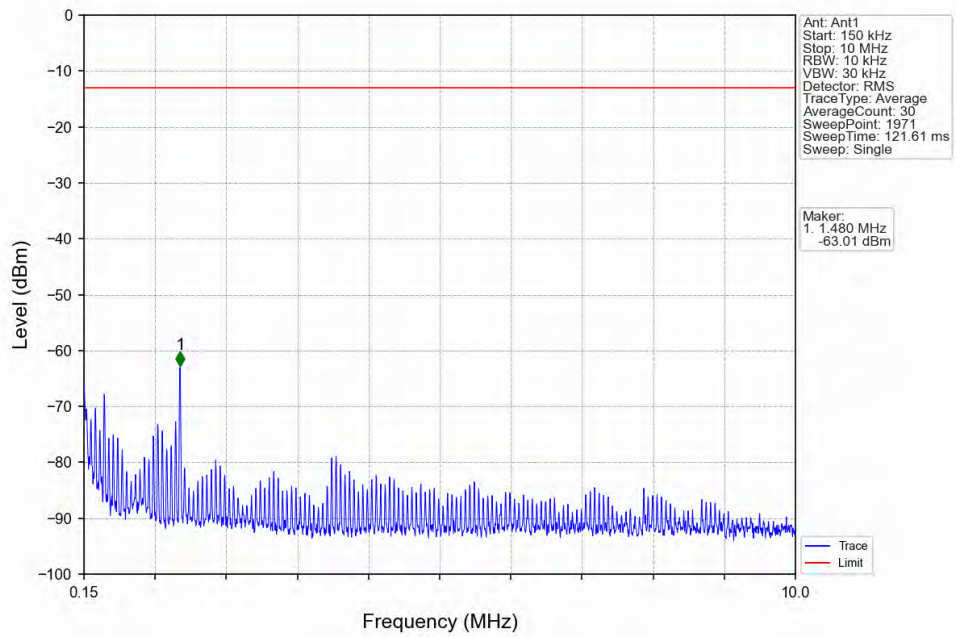


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.511	-59.92	-13	Pass
1849	1850	0.003	/	2	1849.995	-33.82	-13	Pass
1850	1851.5	0.003	/	/	/	/	/	/

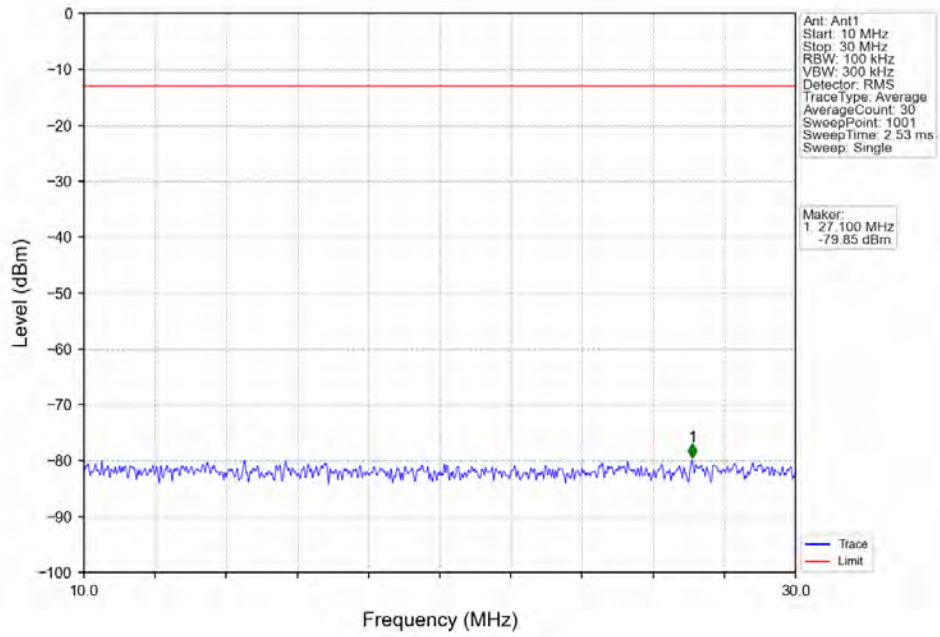
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



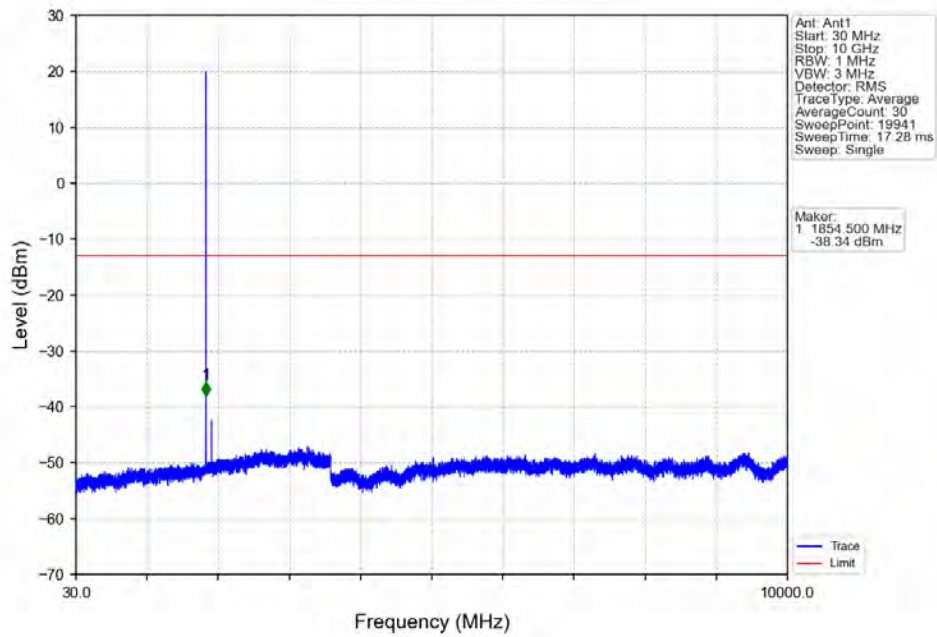
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



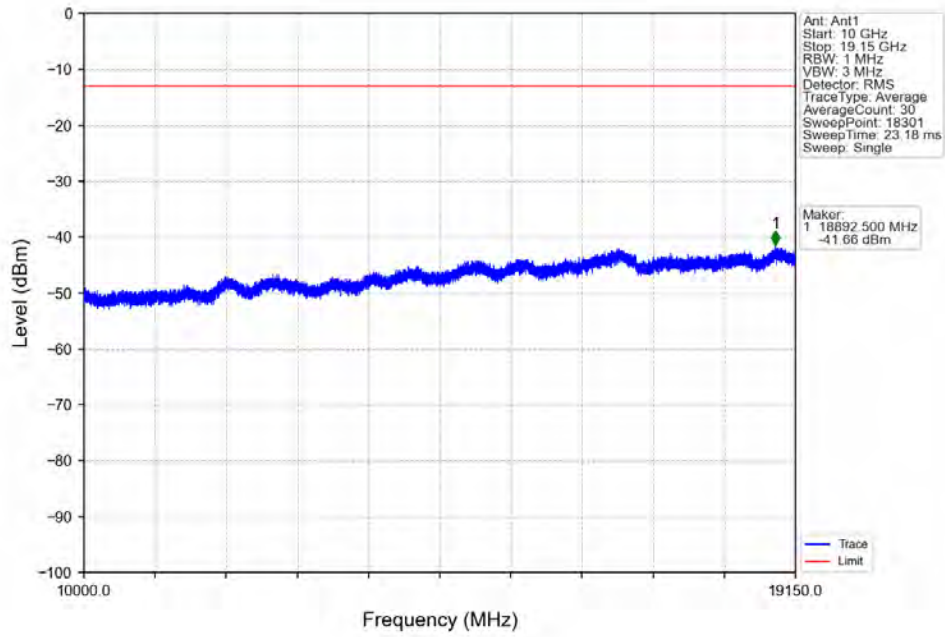
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



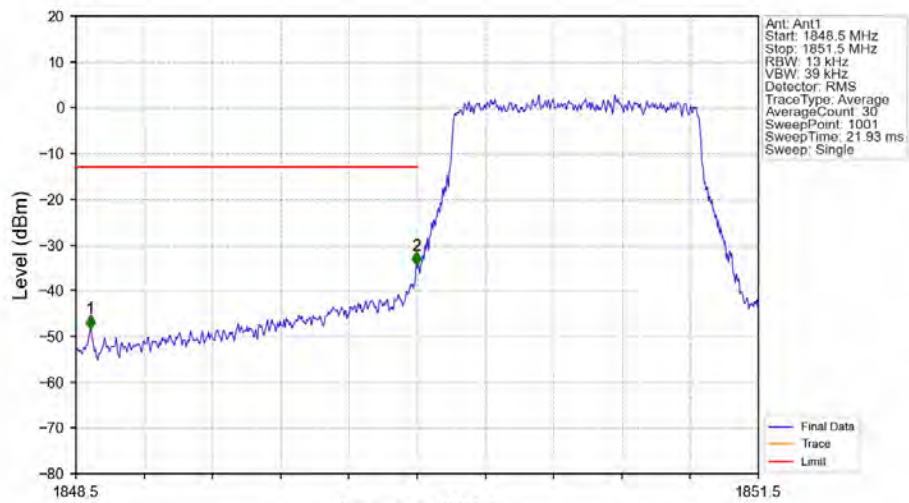
Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



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

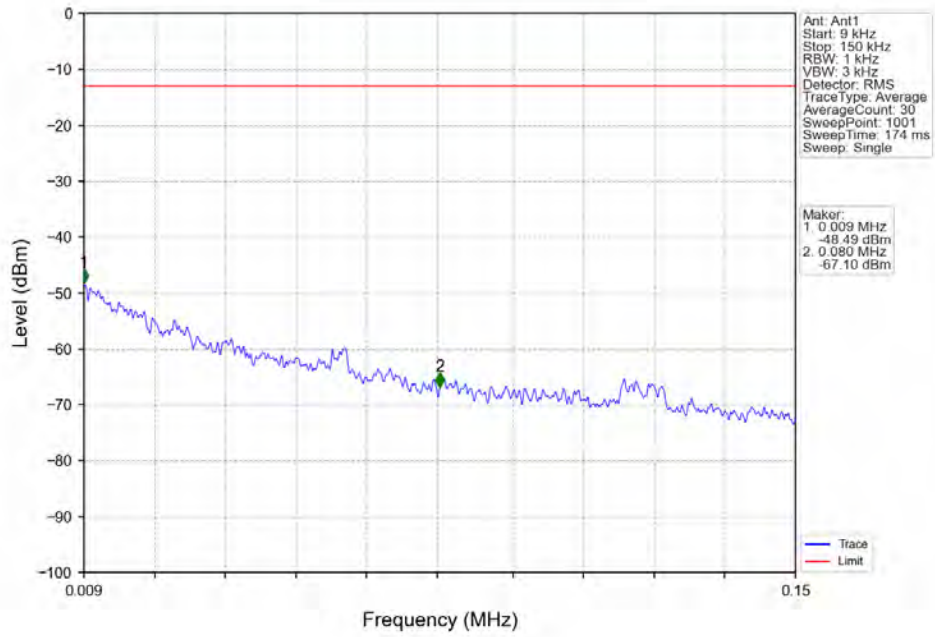


Band25\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

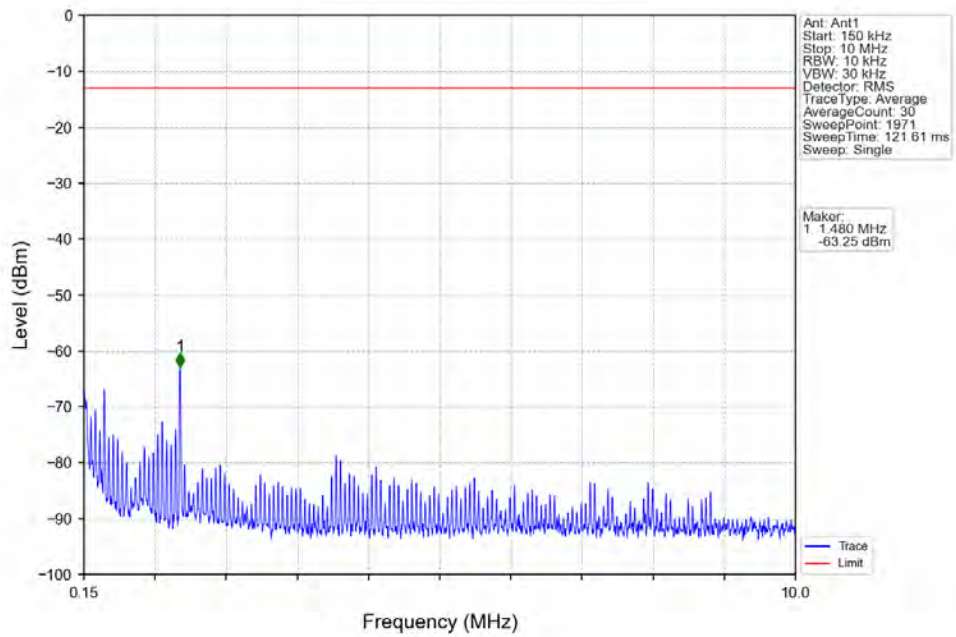


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.563	-48.36	-13	Pass
1849	1850	0.013	/	2	1849.997	-34.52	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

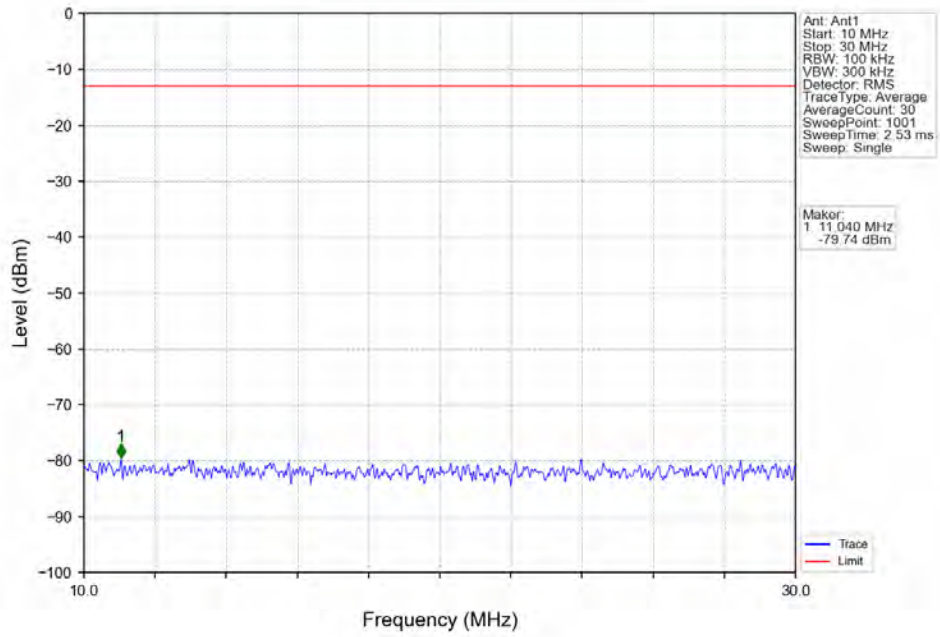
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



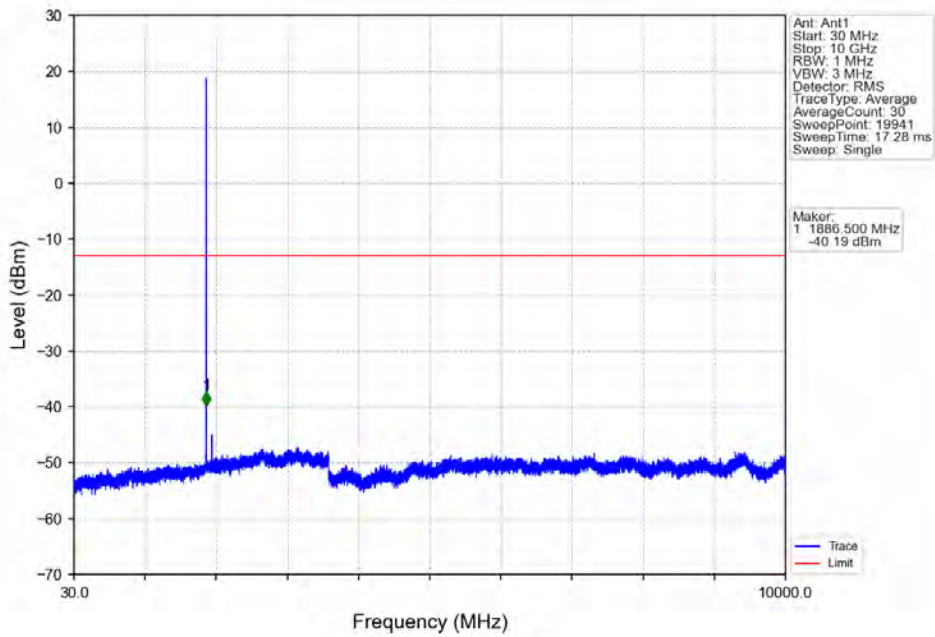
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



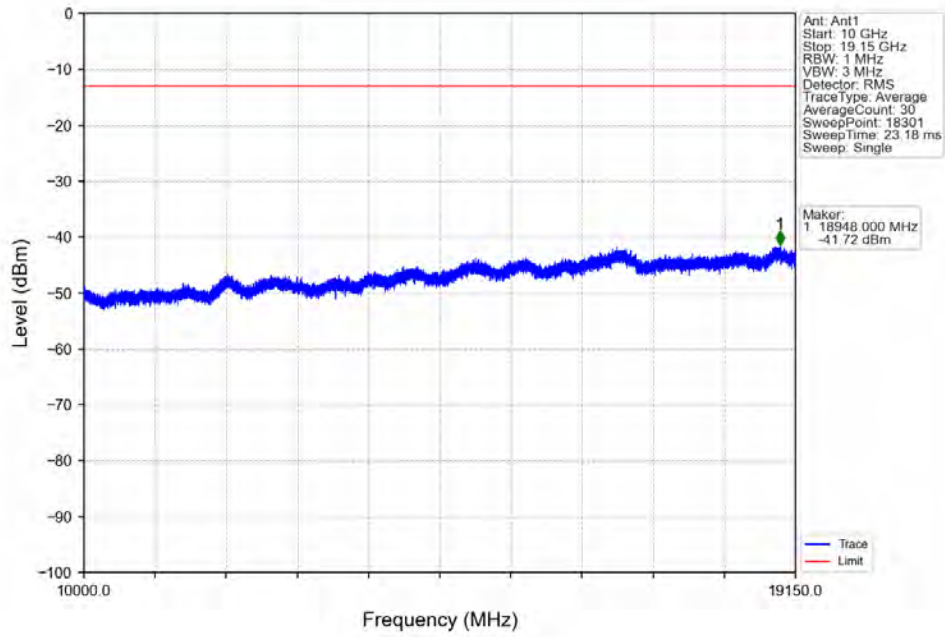
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



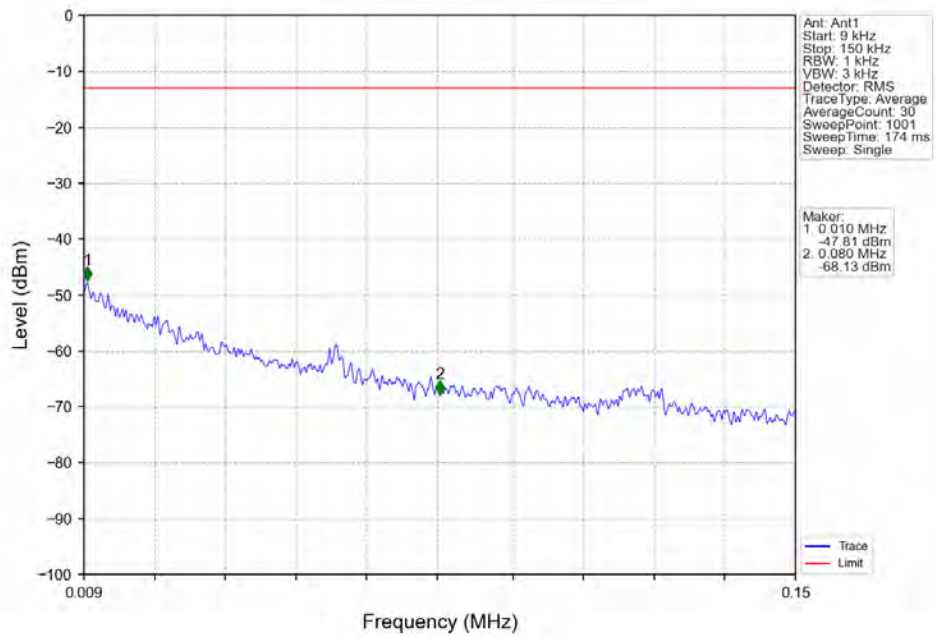
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



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

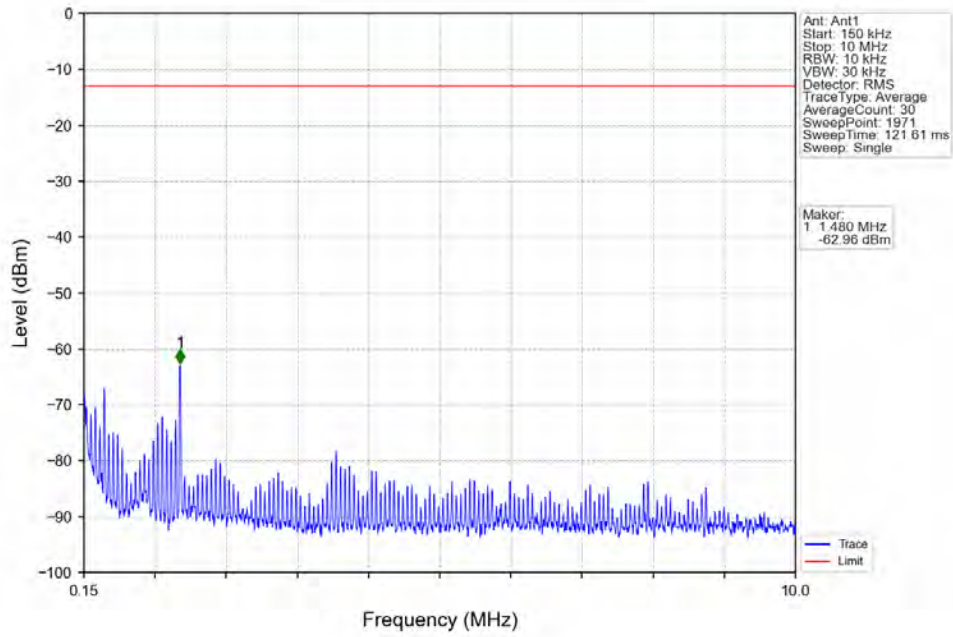


Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV

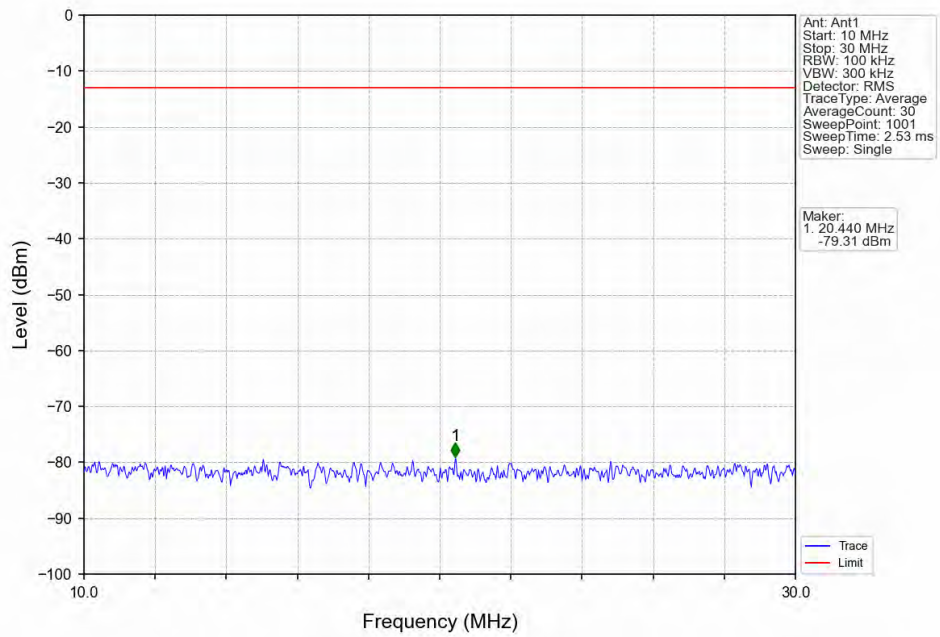




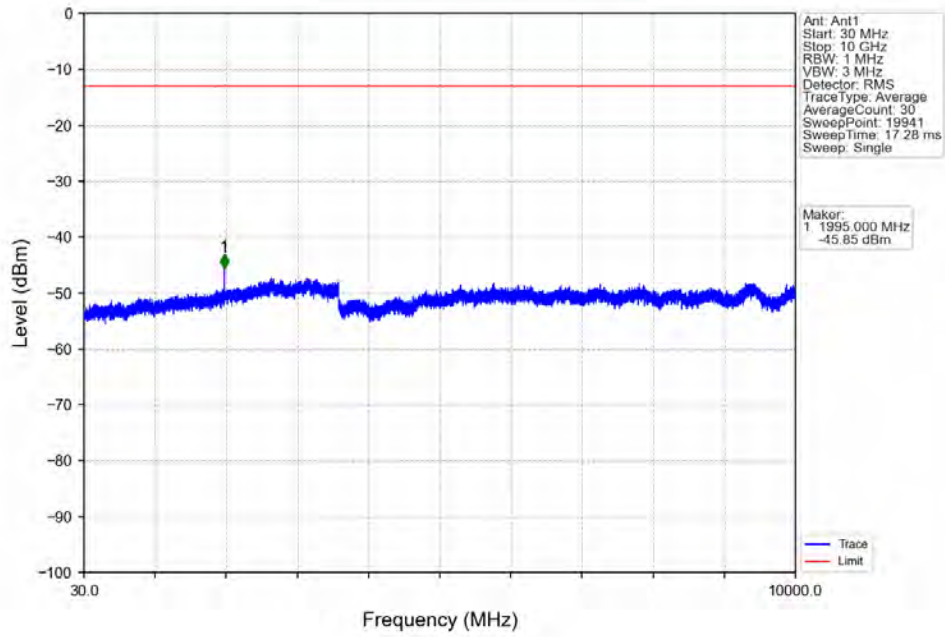
Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV



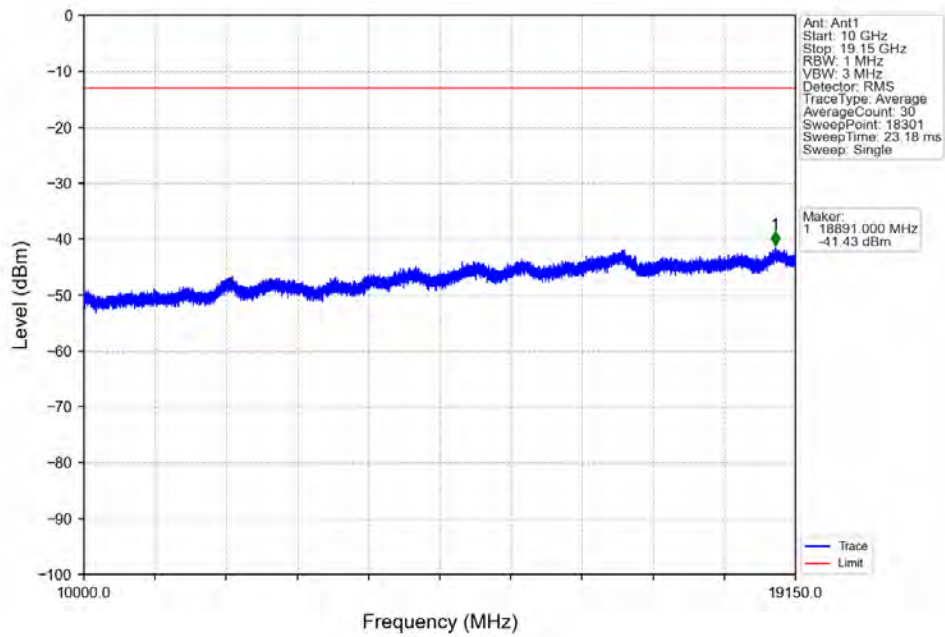
Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV



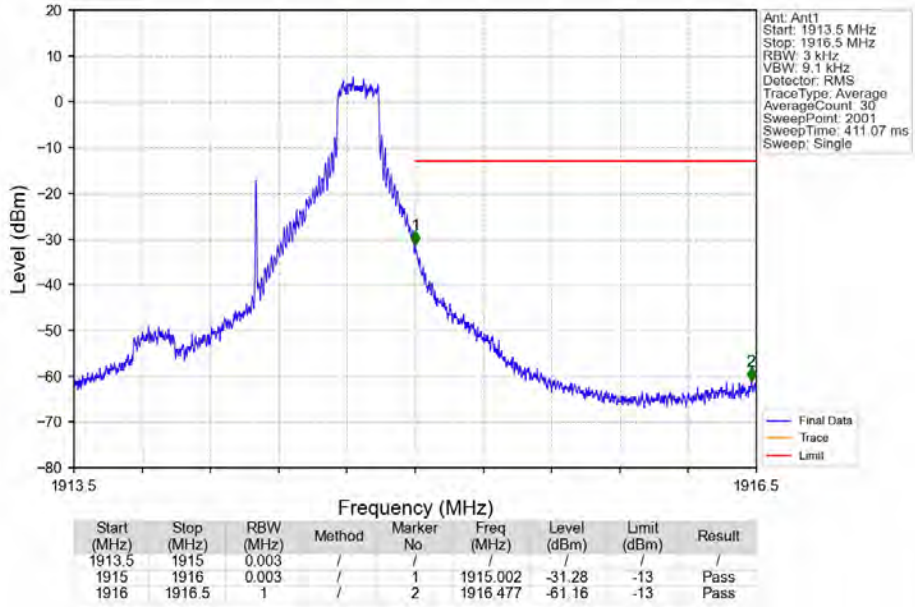
Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV



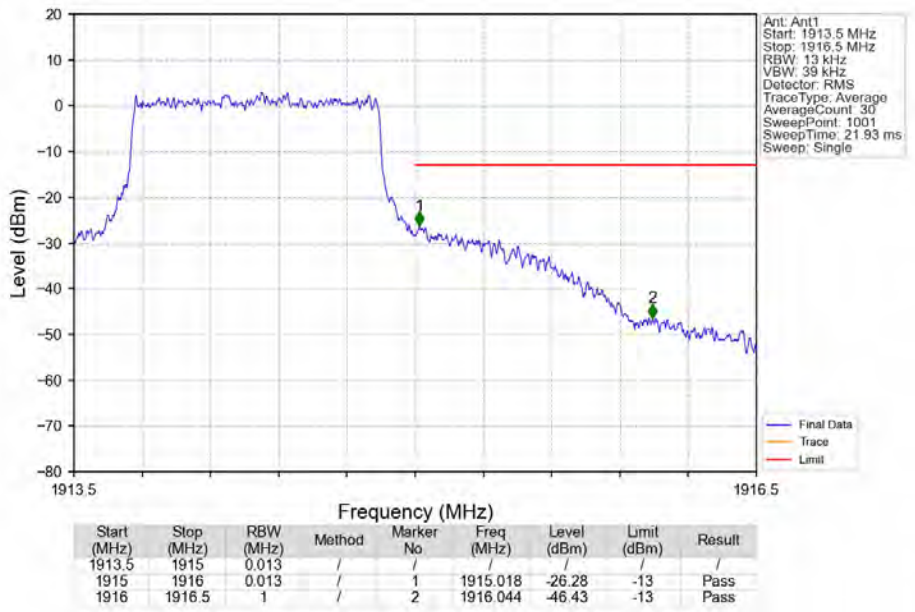
Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_1\_0\_NTNV



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



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

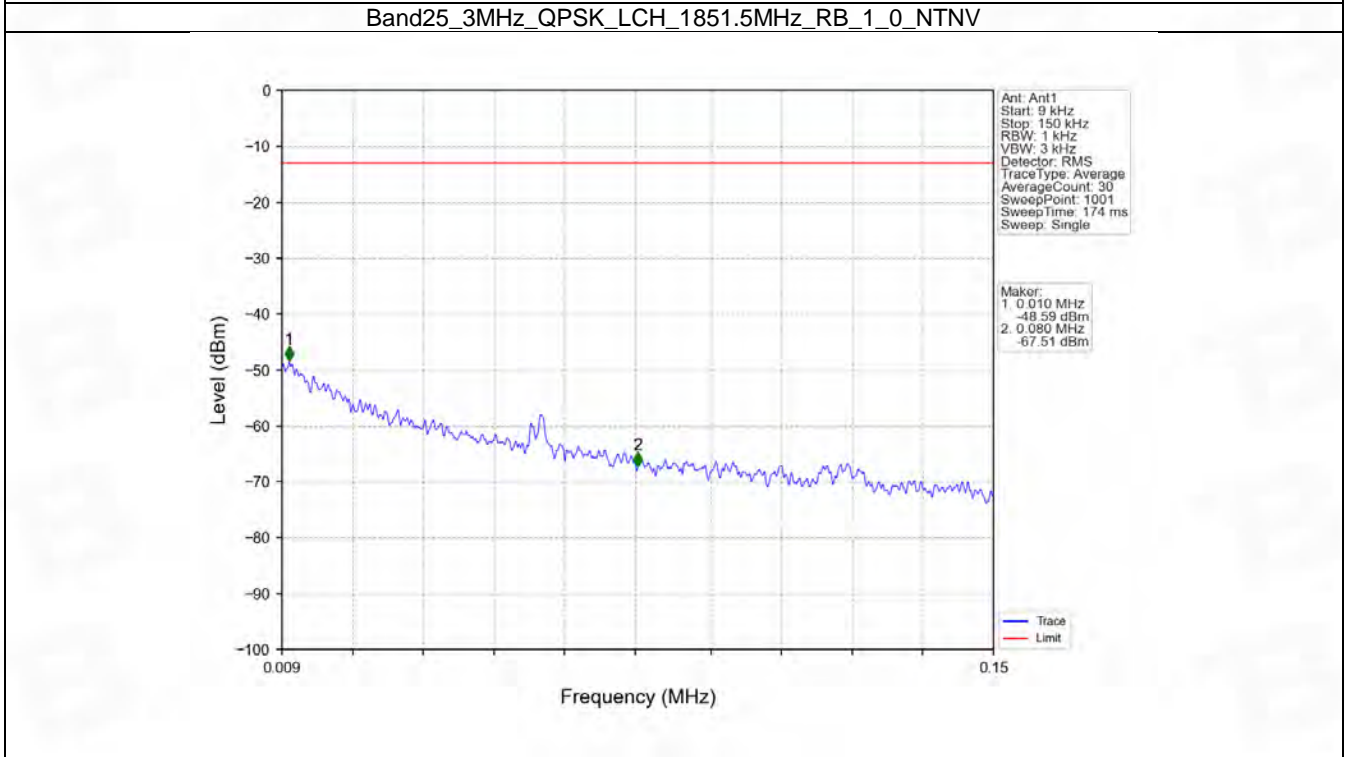
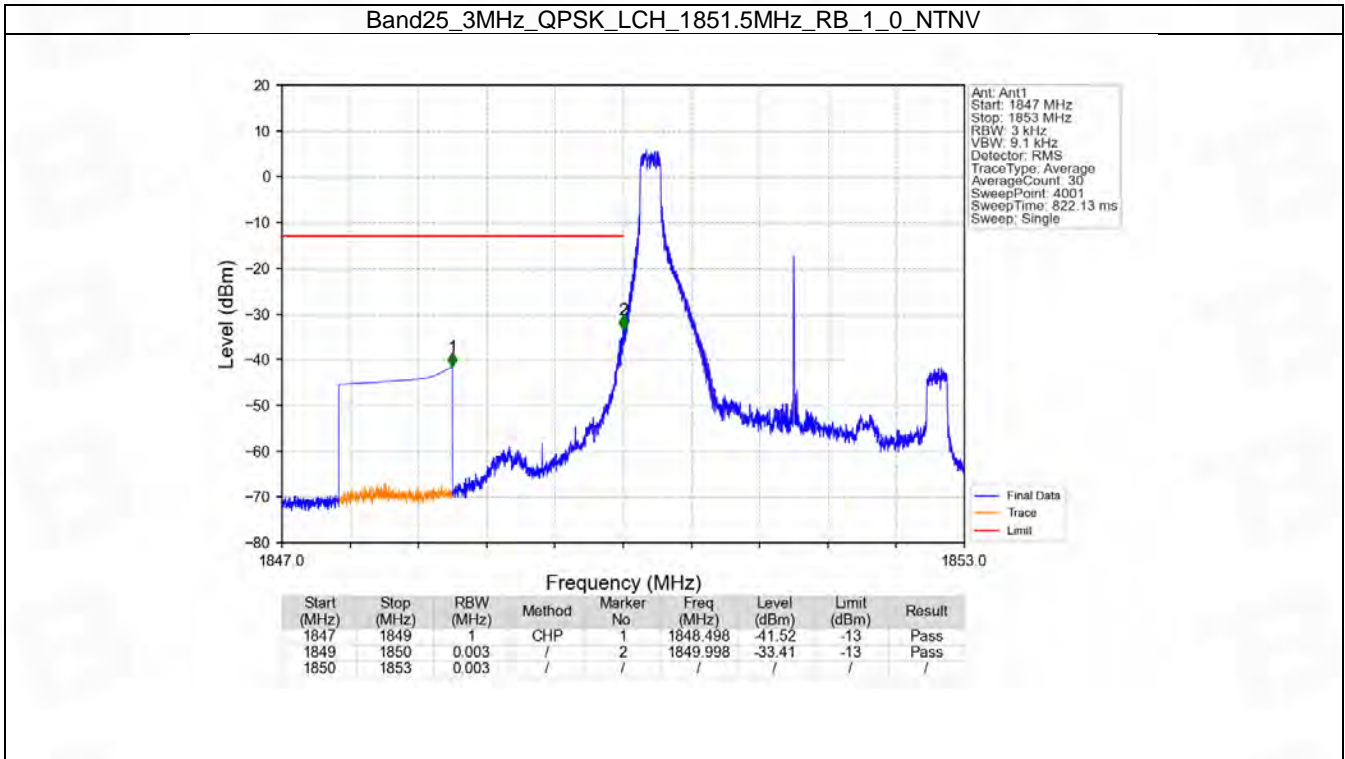


## 6.2 B25\_3MHz

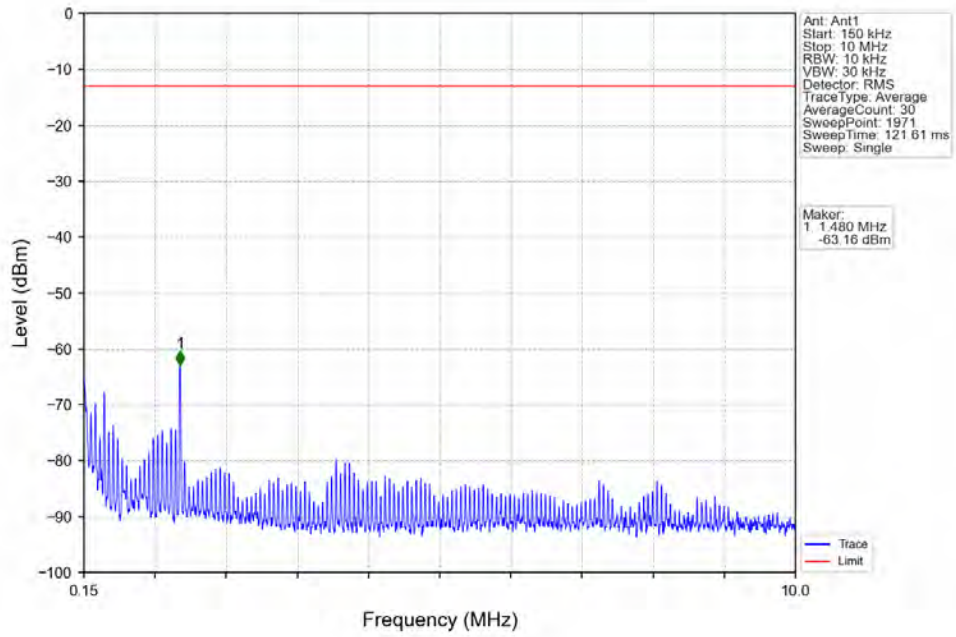
### 6.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1882.5	1	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
	1882.5	1	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

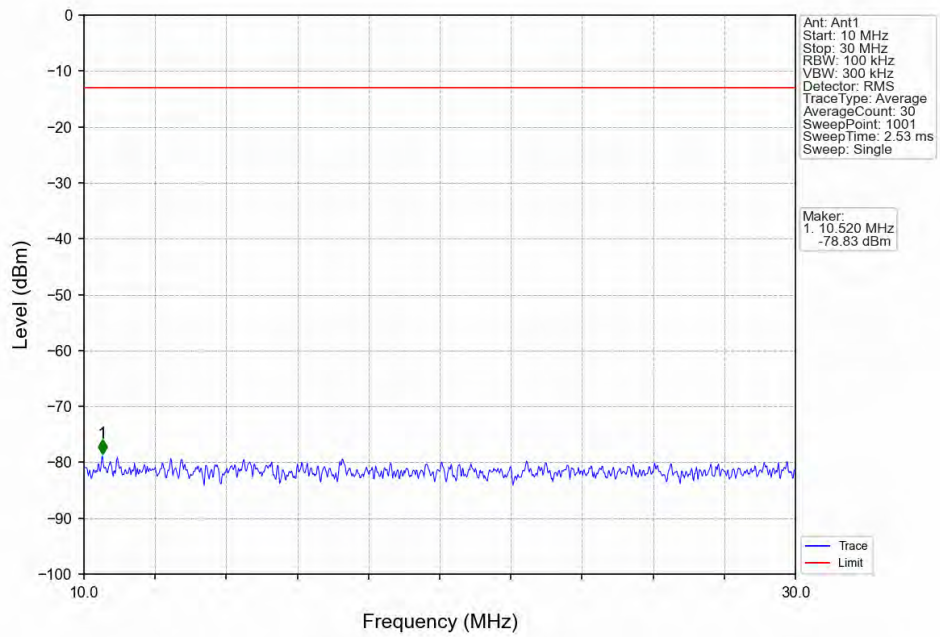
### 6.2.2 Test Graph



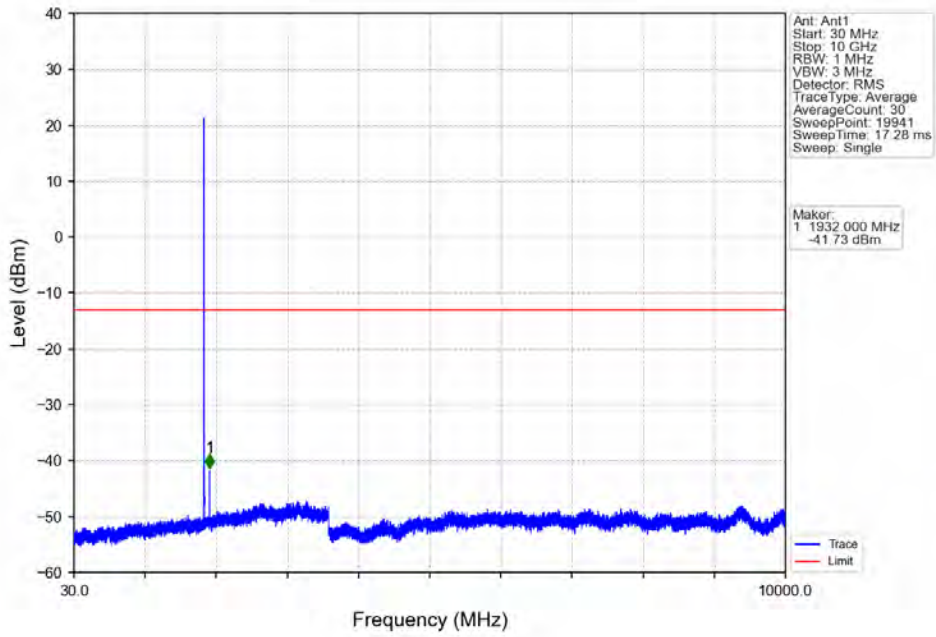
Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



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\_1\_0\_NTNV

