

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B26b\_1.4MHz\_ERP

### 1.1.1 Test Result

Band: 26b / Bandwidth: 1.4MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	824.7	1	0	23.63	0.4	21.88	<=38.45	Pass		
			2	23.62	0.4	21.87	<=38.45	Pass		
			5	23.66	0.4	21.91	<=38.45	Pass		
		3	0	23.76	0.4	22.01	<=38.45	Pass		
			2	23.81	0.4	22.06	<=38.45	Pass		
			3	23.83	0.4	22.08	<=38.45	Pass		
		6	0	22.80	0.4	21.05	<=38.45	Pass		
		836.5	1	0	23.50	0.4	21.75	<=38.45	Pass	
				2	23.49	0.4	21.74	<=38.45	Pass	
	5			23.56	0.4	21.81	<=38.45	Pass		
	3		0	23.65	0.4	21.9	<=38.45	Pass		
			2	23.70	0.4	21.95	<=38.45	Pass		
			3	23.69	0.4	21.94	<=38.45	Pass		
	6		0	22.69	0.4	20.94	<=38.45	Pass		
	848.3		1	0	23.50	0.4	21.75	<=38.45	Pass	
				2	23.44	0.4	21.69	<=38.45	Pass	
		5		23.44	0.4	21.69	<=38.45	Pass		
		3	0	23.64	0.4	21.89	<=38.45	Pass		
			2	23.61	0.4	21.86	<=38.45	Pass		
			3	23.61	0.4	21.86	<=38.45	Pass		
		6	0	22.65	0.4	20.9	<=38.45	Pass		
		16QAM	824.7	1	0	22.85	0.4	21.1	<=38.45	Pass
					2	22.80	0.4	21.05	<=38.45	Pass
	5				22.97	0.4	21.22	<=38.45	Pass	
3	0			22.75	0.4	21	<=38.45	Pass		
	2			22.68	0.4	20.93	<=38.45	Pass		
	3			22.97	0.4	21.22	<=38.45	Pass		
6	0			21.69	0.4	19.94	<=38.45	Pass		
836.5	1			0	22.71	0.4	20.96	<=38.45	Pass	
				2	22.66	0.4	20.91	<=38.45	Pass	
			5	22.81	0.4	21.06	<=38.45	Pass		
	3		0	22.80	0.4	21.05	<=38.45	Pass		
			2	22.64	0.4	20.89	<=38.45	Pass		
			3	22.57	0.4	20.82	<=38.45	Pass		
	6		0	21.63	0.4	19.88	<=38.45	Pass		
	848.3		1	0	22.78	0.4	21.03	<=38.45	Pass	
				2	22.60	0.4	21.88	<=38.45	Pass	
5				22.64	0.4	21.87	<=38.45	Pass		
3			0	22.52	0.4	21.91	<=38.45	Pass		
			2	22.77	0.4	22.01	<=38.45	Pass		
			3	22.61	0.4	22.06	<=38.45	Pass		
6			0	21.65	0.4	22.08	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

## 1.2 B26b\_3MHz\_ERP

### 1.2.1 Test Result

Band: 26b / Bandwidth: 3MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	825.5	1	0	23.71	0.15	21.71	<=38.45	Pass		
			7	23.87	0.15	21.87	<=38.45	Pass		
			14	23.75	0.15	21.75	<=38.45	Pass		
		8	0	22.85	0.15	20.85	<=38.45	Pass		
			4	22.76	0.15	20.76	<=38.45	Pass		
			7	22.79	0.15	20.79	<=38.45	Pass		
		15	0	22.79	0.15	20.79	<=38.45	Pass		
		836.5	1	0	23.62	0.15	21.62	<=38.45	Pass	
				7	23.58	0.15	21.58	<=38.45	Pass	
	14			23.71	0.15	21.71	<=38.45	Pass		
	8		0	22.64	0.15	20.64	<=38.45	Pass		
			4	22.67	0.15	20.67	<=38.45	Pass		
			7	22.62	0.15	20.62	<=38.45	Pass		
	15		0	22.69	0.15	20.69	<=38.45	Pass		
	847.5		1	0	23.69	0.15	21.69	<=38.45	Pass	
				7	23.57	0.15	21.57	<=38.45	Pass	
		14		23.49	0.15	21.49	<=38.45	Pass		
		8	0	22.59	0.15	20.59	<=38.45	Pass		
			4	22.60	0.15	20.60	<=38.45	Pass		
			7	22.51	0.15	20.51	<=38.45	Pass		
		15	0	22.60	0.15	20.60	<=38.45	Pass		
		16QAM	825.5	1	0	23.27	0.15	21.27	<=38.45	Pass
					7	22.86	0.15	20.86	<=38.45	Pass
	14				22.94	0.15	20.94	<=38.45	Pass	
8	0			22.06	0.15	20.06	<=38.45	Pass		
	4			21.89	0.15	19.89	<=38.45	Pass		
	7			21.78	0.15	19.78	<=38.45	Pass		
15	0			21.83	0.15	19.83	<=38.45	Pass		
836.5	1			0	22.88	0.15	20.88	<=38.45	Pass	
				7	23.10	0.15	21.10	<=38.45	Pass	
			14	22.70	0.15	20.70	<=38.45	Pass		
	8		0	21.64	0.15	19.64	<=38.45	Pass		
			4	21.85	0.15	19.85	<=38.45	Pass		
			7	21.76	0.15	19.76	<=38.45	Pass		
	15		0	21.68	0.15	19.68	<=38.45	Pass		
	847.5		1	0	22.69	0.15	20.69	<=38.45	Pass	
				7	22.82	0.15	20.82	<=38.45	Pass	
14				23.02	0.15	21.02	<=38.45	Pass		
8			0	21.75	0.15	19.75	<=38.45	Pass		
			4	21.61	0.15	19.61	<=38.45	Pass		
			7	21.79	0.15	19.79	<=38.45	Pass		
15			0	21.68	0.15	19.68	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

## 1.3 B26b\_5MHz\_ERP

### 1.3.1 Test Result

Band: 26b / Bandwidth: 5MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	826.5	1	0	23.74	0.4	21.99	<=38.45	Pass		
			13	24.02	0.4	22.27	<=38.45	Pass		
			24	23.85	0.4	22.1	<=38.45	Pass		
		12	0	22.87	0.4	21.12	<=38.45	Pass		
			6	22.75	0.4	21	<=38.45	Pass		
			13	22.81	0.4	21.06	<=38.45	Pass		
		25	0	22.83	0.4	21.08	<=38.45	Pass		
		836.5	1	0	23.78	0.4	22.03	<=38.45	Pass	
				13	23.57	0.4	21.82	<=38.45	Pass	
	24			23.88	0.4	22.13	<=38.45	Pass		
	12		0	22.70	0.4	20.95	<=38.45	Pass		
			6	22.68	0.4	20.93	<=38.45	Pass		
			13	22.63	0.4	20.88	<=38.45	Pass		
	25		0	22.70	0.4	20.95	<=38.45	Pass		
	846.5		1	0	23.85	0.4	22.1	<=38.45	Pass	
				13	23.69	0.4	21.94	<=38.45	Pass	
		24		23.59	0.4	21.84	<=38.45	Pass		
		12	0	22.62	0.4	20.87	<=38.45	Pass		
			6	22.64	0.4	20.89	<=38.45	Pass		
			13	22.59	0.4	20.84	<=38.45	Pass		
		25	0	22.61	0.4	20.86	<=38.45	Pass		
		16QAM	826.5	1	0	22.64	0.4	20.89	<=38.45	Pass
					13	22.88	0.4	21.13	<=38.45	Pass
	24				23.03	0.4	21.28	<=38.45	Pass	
12	0			21.91	0.4	20.16	<=38.45	Pass		
	6			21.81	0.4	20.06	<=38.45	Pass		
	13			21.83	0.4	20.08	<=38.45	Pass		
25	0			21.89	0.4	20.14	<=38.45	Pass		
836.5	1			0	22.93	0.4	21.18	<=38.45	Pass	
				13	22.56	0.4	20.81	<=38.45	Pass	
			24	22.77	0.4	21.02	<=38.45	Pass		
	12		0	21.76	0.4	20.01	<=38.45	Pass		
			6	21.72	0.4	19.97	<=38.45	Pass		
			13	21.67	0.4	19.92	<=38.45	Pass		
	25		0	21.73	0.4	19.98	<=38.45	Pass		
	846.5		1	0	22.75	0.4	21	<=38.45	Pass	
				13	22.83	0.4	21.08	<=38.45	Pass	
24				22.54	0.4	20.79	<=38.45	Pass		
12			0	21.68	0.4	19.93	<=38.45	Pass		
			6	21.67	0.4	19.92	<=38.45	Pass		
			13	21.55	0.4	19.8	<=38.45	Pass		
25			0	21.65	0.4	19.9	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

### 1.4 B26b\_10MHz\_ERP

#### 1.4.1 Test Result

Band: 26b / Bandwidth: 10MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	829	1	0	23.98	0.4	22.23	<=38.45	Pass		
			25	23.90	0.4	22.15	<=38.45	Pass		
			49	23.80	0.4	22.05	<=38.45	Pass		
		25	0	22.83	0.4	21.08	<=38.45	Pass		
			13	22.82	0.4	21.07	<=38.45	Pass		
			25	22.81	0.4	21.06	<=38.45	Pass		
		50	0	22.82	0.4	21.07	<=38.45	Pass		
		836.5	1	0	23.71	0.4	21.96	<=38.45	Pass	
				25	23.63	0.4	21.88	<=38.45	Pass	
	49			23.73	0.4	21.98	<=38.45	Pass		
	25		0	22.74	0.4	20.99	<=38.45	Pass		
			13	22.71	0.4	20.96	<=38.45	Pass		
			25	22.64	0.4	20.89	<=38.45	Pass		
	50		0	22.70	0.4	20.95	<=38.45	Pass		
	844		1	0	23.60	0.4	21.85	<=38.45	Pass	
				25	23.63	0.4	21.88	<=38.45	Pass	
		49		23.61	0.4	21.86	<=38.45	Pass		
		25	0	22.73	0.4	20.98	<=38.45	Pass		
			13	22.66	0.4	20.91	<=38.45	Pass		
			25	22.58	0.4	20.83	<=38.45	Pass		
		50	0	22.66	0.4	20.91	<=38.45	Pass		
		16QAM	829	1	0	23.35	0.4	21.6	<=38.45	Pass
					25	23.38	0.4	21.63	<=38.45	Pass
	49				23.19	0.4	21.44	<=38.45	Pass	
25	0			21.89	0.4	20.14	<=38.45	Pass		
	13			21.88	0.4	20.13	<=38.45	Pass		
	25			21.89	0.4	20.14	<=38.45	Pass		
50	0			21.83	0.4	20.08	<=38.45	Pass		
836.5	1			0	22.91	0.4	21.16	<=38.45	Pass	
				25	23.14	0.4	21.39	<=38.45	Pass	
			49	22.68	0.4	20.93	<=38.45	Pass		
	25		0	21.79	0.4	20.04	<=38.45	Pass		
			13	21.77	0.4	20.02	<=38.45	Pass		
			25	21.73	0.4	19.98	<=38.45	Pass		
	50		0	21.69	0.4	19.94	<=38.45	Pass		
	844		1	0	22.66	0.4	20.91	<=38.45	Pass	
				25	22.69	0.4	20.94	<=38.45	Pass	
49				22.69	0.4	20.94	<=38.45	Pass		
25			0	21.82	0.4	20.07	<=38.45	Pass		
			13	21.75	0.4	20	<=38.45	Pass		
			25	21.69	0.4	19.94	<=38.45	Pass		
50			0	21.67	0.4	19.92	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

## 2. Frequency Stability

### 2.1 B26b\_1.4MHz

#### 2.1.1 Test Result

Band: 26b / 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	824.7	6	0	20	3.27	-6.909	-0.0084	-2.5 to 2.5	Pass
					3.85	-6.280	-0.0076	-2.5 to 2.5	Pass
					4.43	-6.609	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-6.838	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-4.864	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-4.420	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-5.693	-0.0069	-2.5 to 2.5	Pass
				10	3.85	-8.512	-0.0103	-2.5 to 2.5	Pass
				30	3.85	-2.832	-0.0034	-2.5 to 2.5	Pass
	40	3.85	-6.080	-0.0074	-2.5 to 2.5	Pass			
	50	3.85	-6.051	-0.0073	-2.5 to 2.5	Pass			
	836.5	6	0	20	3.27	-3.662	-0.0044	-2.5 to 2.5	Pass
					3.85	-7.267	-0.0087	-2.5 to 2.5	Pass
					4.43	-4.449	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-4.063	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-7.052	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-6.294	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-5.994	-0.0072	-2.5 to 2.5	Pass
				10	3.85	-5.178	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-6.995	-0.0084	-2.5 to 2.5	Pass
	40	3.85	-4.535	-0.0054	-2.5 to 2.5	Pass			
	50	3.85	-4.864	-0.0058	-2.5 to 2.5	Pass			
	848.3	6	0	20	3.27	-14.362	-0.0169	-2.5 to 2.5	Pass
					3.85	-4.377	-0.0052	-2.5 to 2.5	Pass
					4.43	-8.640	-0.0102	-2.5 to 2.5	Pass
				-30	3.85	-4.892	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-6.351	-0.0075	-2.5 to 2.5	Pass
-10				3.85	-4.563	-0.0054	-2.5 to 2.5	Pass	
0				3.85	-4.549	-0.0054	-2.5 to 2.5	Pass	
10				3.85	-1.473	-0.0017	-2.5 to 2.5	Pass	
30				3.85	-4.263	-0.0050	-2.5 to 2.5	Pass	
40	3.85	-9.899	-0.0117	-2.5 to 2.5	Pass				
50	3.85	-4.320	-0.0051	-2.5 to 2.5	Pass				
16QAM	824.7	6	0	20	3.27	-3.233	-0.0039	-2.5 to 2.5	Pass
					3.85	-4.764	-0.0058	-2.5 to 2.5	Pass
					4.43	-2.618	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-4.778	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-4.077	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-3.805	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-3.319	-0.0040	-2.5 to 2.5	Pass
				10	3.85	0.300	0.0004	-2.5 to 2.5	Pass
				30	3.85	-3.190	-0.0039	-2.5 to 2.5	Pass
40	3.85	-4.749	-0.0058	-2.5 to 2.5	Pass				
50	3.85	-5.765	-0.0070	-2.5 to 2.5	Pass				

	836.5	6	0	20	3.27	-15.607	-0.0187	-2.5 to 2.5	Pass	
					3.85	-2.446	-0.0029	-2.5 to 2.5	Pass	
					4.43	-4.778	-0.0057	-2.5 to 2.5	Pass	
				-30	3.85	-7.868	-0.0094	-2.5 to 2.5	Pass	
					-20	3.85	-4.778	-0.0057	-2.5 to 2.5	Pass
						-10	3.85	-5.908	-0.0071	-2.5 to 2.5
				0	3.85	-7.753	-0.0093	-2.5 to 2.5	Pass	
					10	3.85	-2.346	-0.0028	-2.5 to 2.5	Pass
					30	3.85	-4.692	-0.0056	-2.5 to 2.5	Pass
	40	3.85	-0.587		-0.0007	-2.5 to 2.5	Pass			
	50	3.85	-5.422		-0.0065	-2.5 to 2.5	Pass			
	848.3	6	0		20	3.27	-4.435	-0.0052	-2.5 to 2.5	Pass
				3.85		-4.148	-0.0049	-2.5 to 2.5	Pass	
				4.43		-9.713	-0.0114	-2.5 to 2.5	Pass	
				-30	3.85	-6.838	-0.0081	-2.5 to 2.5	Pass	
					-20	3.85	-8.240	-0.0097	-2.5 to 2.5	Pass
						-10	3.85	-9.041	-0.0107	-2.5 to 2.5
				0	3.85	-9.727	-0.0115	-2.5 to 2.5	Pass	
10					3.85	-8.011	-0.0094	-2.5 to 2.5	Pass	
30					3.85	-3.834	-0.0045	-2.5 to 2.5	Pass	
40	3.85	-5.193	-0.0061		-2.5 to 2.5	Pass				
50	3.85	-3.734	-0.0044		-2.5 to 2.5	Pass				

## 2.2 B26b\_3MHz

### 2.2.1 Test Result

Band: 26b / Bandwidth: 3MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	825.5	15	0	20	3.27	-1.745	-0.0021	-2.5 to 2.5	Pass	
					3.85	-5.136	-0.0062	-2.5 to 2.5	Pass	
					4.43	-6.237	-0.0076	-2.5 to 2.5	Pass	
				-30	3.85	-5.579	-0.0068	-2.5 to 2.5	Pass	
					-20	3.85	-8.154	-0.0099	-2.5 to 2.5	Pass
						-10	3.85	-6.294	-0.0076	-2.5 to 2.5
				0	3.85	-5.722	-0.0069	-2.5 to 2.5	Pass	
					10	3.85	-6.466	-0.0078	-2.5 to 2.5	Pass
					30	3.85	-6.781	-0.0082	-2.5 to 2.5	Pass
	40	3.85	-7.238		-0.0088	-2.5 to 2.5	Pass			
	50	3.85	-5.336		-0.0065	-2.5 to 2.5	Pass			
	836.5	15	0		20	3.27	-6.638	-0.0079	-2.5 to 2.5	Pass
				3.85		-6.409	-0.0077	-2.5 to 2.5	Pass	
				4.43		-4.778	-0.0057	-2.5 to 2.5	Pass	
				-30	3.85	-6.552	-0.0078	-2.5 to 2.5	Pass	
					-20	3.85	-9.484	-0.0113	-2.5 to 2.5	Pass
						-10	3.85	-4.935	-0.0059	-2.5 to 2.5
				0	3.85	-4.864	-0.0058	-2.5 to 2.5	Pass	
10					3.85	-11.544	-0.0138	-2.5 to 2.5	Pass	
30					3.85	-4.249	-0.0051	-2.5 to 2.5	Pass	
40	3.85	-6.652	-0.0080		-2.5 to 2.5	Pass				
50	3.85	-6.723	-0.0080		-2.5 to 2.5	Pass				

	847.5	15	0	20	3.27	-6.423	-0.0076	-2.5 to 2.5	Pass
					3.85	-6.108	-0.0072	-2.5 to 2.5	Pass
					4.43	-4.878	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-4.878	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-7.110	-0.0084	-2.5 to 2.5	Pass
				10	3.85	-6.680	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-7.267	-0.0086	-2.5 to 2.5	Pass
50	3.85	-5.450	-0.0064						
				16QAM	825.5	15	0	20	3.27
3.85	-5.193	-0.0063	-2.5 to 2.5						Pass
4.43	-4.721	-0.0057	-2.5 to 2.5						Pass
-30	3.85	-5.736	-0.0069					-2.5 to 2.5	Pass
-10	3.85	-5.794	-0.0070					-2.5 to 2.5	Pass
10	3.85	-5.507	-0.0067					-2.5 to 2.5	Pass
40	3.85	-7.095	-0.0086					-2.5 to 2.5	Pass
				50	3.85	-3.018	-0.0037		
836.5	15	0	20					3.27	-7.153
				3.85	-2.704	-0.0032	-2.5 to 2.5	Pass	
				4.43	-1.373	-0.0016	-2.5 to 2.5	Pass	
			-30	3.85	-4.878	-0.0058	-2.5 to 2.5	Pass	
									-20
			-10	3.85	-8.068	-0.0096	-2.5 to 2.5	Pass	
									0
			10	3.85	-1.788	-0.0021	-2.5 to 2.5	Pass	
									30
			40	3.85	-4.635	-0.0055	-2.5 to 2.5	Pass	
50	3.85	-2.818							-0.0034
			847.5	15	0	20	3.27	-0.300	
3.85	-4.721	-0.0056					-2.5 to 2.5	Pass	
4.43	-5.636	-0.0067					-2.5 to 2.5	Pass	
-30	3.85	-5.236				-0.0062	-2.5 to 2.5	Pass	
									-20
-10	3.85	-7.968				-0.0094	-2.5 to 2.5	Pass	
									0
10	3.85	-8.011				-0.0095	-2.5 to 2.5	Pass	
									30
40	3.85	1.903				0.0022	-2.5 to 2.5	Pass	
			50	3.85	-4.535				-0.0054

## 2.3 B26b\_5MHz

### 2.3.1 Test Result

Band: 26b / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	

QPSK	826.5	25	0	20	3.27	-4.578	-0.0055	-2.5 to 2.5	Pass	
					3.85	-4.120	-0.0050	-2.5 to 2.5	Pass	
					4.43	-5.336	-0.0065	-2.5 to 2.5	Pass	
				-30	3.85	-7.138	-0.0086	-2.5 to 2.5	Pass	
					-20	3.85	-6.065	-0.0073	-2.5 to 2.5	Pass
						-10	3.85	-7.010	-0.0085	-2.5 to 2.5
				0	3.85	-8.383	-0.0101	-2.5 to 2.5	Pass	
					10	3.85	-3.834	-0.0046	-2.5 to 2.5	Pass
					30	3.85	-6.008	-0.0073	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-8.640	-0.0103	-2.5 to 2.5	Pass	
					3.85	-6.180	-0.0074	-2.5 to 2.5	Pass	
					4.43	-7.839	-0.0094	-2.5 to 2.5	Pass	
				-30	3.85	-4.077	-0.0049	-2.5 to 2.5	Pass	
					-20	3.85	-3.777	-0.0045	-2.5 to 2.5	Pass
						-10	3.85	-8.569	-0.0102	-2.5 to 2.5
				0	3.85	-1.001	-0.0012	-2.5 to 2.5	Pass	
					10	3.85	-6.180	-0.0074	-2.5 to 2.5	Pass
					30	3.85	-3.934	-0.0047	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-8.554	-0.0101	-2.5 to 2.5	Pass	
					3.85	-5.879	-0.0069	-2.5 to 2.5	Pass	
					4.43	-9.098	-0.0107	-2.5 to 2.5	Pass	
				-30	3.85	-4.835	-0.0057	-2.5 to 2.5	Pass	
					-20	3.85	-6.866	-0.0081	-2.5 to 2.5	Pass
						-10	3.85	-5.708	-0.0067	-2.5 to 2.5
				0	3.85	-6.938	-0.0082	-2.5 to 2.5	Pass	
					10	3.85	-5.164	-0.0061	-2.5 to 2.5	Pass
					30	3.85	-6.666	-0.0079	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-6.437	-0.0078	-2.5 to 2.5	Pass	
					3.85	-5.908	-0.0071	-2.5 to 2.5	Pass	
					4.43	-9.313	-0.0113	-2.5 to 2.5	Pass	
				-30	3.85	-9.413	-0.0114	-2.5 to 2.5	Pass	
					-20	3.85	-6.294	-0.0076	-2.5 to 2.5	Pass
						-10	3.85	-8.326	-0.0101	-2.5 to 2.5
				0	3.85	-6.638	-0.0080	-2.5 to 2.5	Pass	
					10	3.85	-1.388	-0.0017	-2.5 to 2.5	Pass
					30	3.85	-8.726	-0.0106	-2.5 to 2.5	Pass
836.5	25	0	20	3.27	-7.167	-0.0086	-2.5 to 2.5	Pass		
				3.85	-1.960	-0.0023	-2.5 to 2.5	Pass		
				4.43	-2.174	-0.0026	-2.5 to 2.5	Pass		
			-30	3.85	-0.601	-0.0007	-2.5 to 2.5	Pass		
				-20	3.85	-7.381	-0.0088	-2.5 to 2.5	Pass	
					-10	3.85	-6.452	-0.0077	-2.5 to 2.5	Pass
			0	3.85	-8.054	-0.0096	-2.5 to 2.5	Pass		
				10	3.85	-7.424	-0.0089	-2.5 to 2.5	Pass	
				30	3.85	-3.133	-0.0037	-2.5 to 2.5	Pass	
40	3.85	-4.306	-0.0051	-2.5 to 2.5	Pass					
	50	3.85	-4.492	-0.0054	-2.5 to 2.5	Pass				
		3.85	-4.492	-0.0054	-2.5 to 2.5	Pass				



	846.5	25	0	20	3.27	-6.995	-0.0083	-2.5 to 2.5	Pass
					3.85	-8.655	-0.0102	-2.5 to 2.5	Pass
					4.43	-10.142	-0.0120	-2.5 to 2.5	Pass
				-30	3.85	-4.492	-0.0053	-2.5 to 2.5	Pass
					-20	3.85	-3.834	-0.0045	-2.5 to 2.5
				-10	3.85	-2.289	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-6.108	-0.0072	-2.5 to 2.5	Pass
				10	3.85	-10.486	-0.0124	-2.5 to 2.5	Pass
				30	3.85	-11.086	-0.0131	-2.5 to 2.5	Pass
				40	3.85	-3.519	-0.0042	-2.5 to 2.5	Pass
50	3.85	-6.123	-0.0072	-2.5 to 2.5	Pass				

## 2.4 B26b\_10MHz

### 2.4.1 Test Result

Band: 26b / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.27	-10.443	-0.0126	-2.5 to 2.5	Pass
					3.85	-2.632	-0.0032	-2.5 to 2.5	Pass
					4.43	-6.323	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-8.669	-0.0105	-2.5 to 2.5	Pass
					-20	3.85	-6.223	-0.0075	-2.5 to 2.5
				-10	3.85	-4.292	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-8.984	-0.0108	-2.5 to 2.5	Pass
				10	3.85	-3.648	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-6.466	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-5.879	-0.0071	-2.5 to 2.5	Pass
	50	3.85	-6.738	-0.0081	-2.5 to 2.5	Pass			
	836.5	50	0	20	3.27	-9.856	-0.0118	-2.5 to 2.5	Pass
					3.85	-5.751	-0.0069	-2.5 to 2.5	Pass
					4.43	-5.665	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-6.895	-0.0082	-2.5 to 2.5	Pass
					-20	3.85	-9.599	-0.0115	-2.5 to 2.5
				-10	3.85	-2.718	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-4.978	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-6.566	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-7.253	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-9.098	-0.0109	-2.5 to 2.5	Pass
	50	3.85	-1.888	-0.0023	-2.5 to 2.5	Pass			
	844	50	0	20	3.27	-9.999	-0.0118	-2.5 to 2.5	Pass
					3.85	-3.805	-0.0045	-2.5 to 2.5	Pass
					4.43	-3.333	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-4.706	-0.0056	-2.5 to 2.5	Pass
					-20	3.85	-8.683	-0.0103	-2.5 to 2.5
				-10	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-4.320	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-4.978	-0.0059	-2.5 to 2.5	Pass
30				3.85	-6.051	-0.0072	-2.5 to 2.5	Pass	
40				3.85	-8.240	-0.0098	-2.5 to 2.5	Pass	
50	3.85	-3.161	-0.0037	-2.5 to 2.5	Pass				

16QAM	829	50	0	20	3.27	-2.961	-0.0036	-2.5 to 2.5	Pass	
					3.85	-4.277	-0.0052	-2.5 to 2.5	Pass	
					4.43	-8.039	-0.0097	-2.5 to 2.5	Pass	
				-30	3.85	-7.424	-0.0090	-2.5 to 2.5	Pass	
					-20	3.85	-10.586	-0.0128	-2.5 to 2.5	Pass
						-10	3.85	-2.947	-0.0036	-2.5 to 2.5
				0	3.85	-3.691	-0.0045	-2.5 to 2.5	Pass	
					10	3.85	-5.550	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-5.221	-0.0063	-2.5 to 2.5	Pass	
	40	3.85	-9.828	-0.0119	-2.5 to 2.5	Pass				
	50	3.85	-8.240	-0.0099	-2.5 to 2.5	Pass				
	836.5	50	0	20	3.27	-6.580	-0.0079	-2.5 to 2.5	Pass	
					3.85	-6.881	-0.0082	-2.5 to 2.5	Pass	
					4.43	-7.038	-0.0084	-2.5 to 2.5	Pass	
				-30	3.85	-8.626	-0.0103	-2.5 to 2.5	Pass	
					-20	3.85	-9.756	-0.0117	-2.5 to 2.5	Pass
						-10	3.85	-8.883	-0.0106	-2.5 to 2.5
				0	3.85	-1.473	-0.0018	-2.5 to 2.5	Pass	
					10	3.85	-1.302	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.574	-0.0019	-2.5 to 2.5	Pass	
	40	3.85	-2.332	-0.0028	-2.5 to 2.5	Pass				
	50	3.85	-3.333	-0.0040	-2.5 to 2.5	Pass				
	844	50	0	20	3.27	-3.390	-0.0040	-2.5 to 2.5	Pass	
					3.85	-2.875	-0.0034	-2.5 to 2.5	Pass	
					4.43	-3.619	-0.0043	-2.5 to 2.5	Pass	
				-30	3.85	-6.194	-0.0073	-2.5 to 2.5	Pass	
					-20	3.85	-6.237	-0.0074	-2.5 to 2.5	Pass
-10						3.85	-7.668	-0.0091	-2.5 to 2.5	Pass
0				3.85	-5.651	-0.0067	-2.5 to 2.5	Pass		
				10	3.85	-5.693	-0.0067	-2.5 to 2.5	Pass	
30				3.85	-6.266	-0.0074	-2.5 to 2.5	Pass		
40	3.85	-5.207	-0.0062	-2.5 to 2.5	Pass					
50	3.85	-6.065	-0.0072	-2.5 to 2.5	Pass					

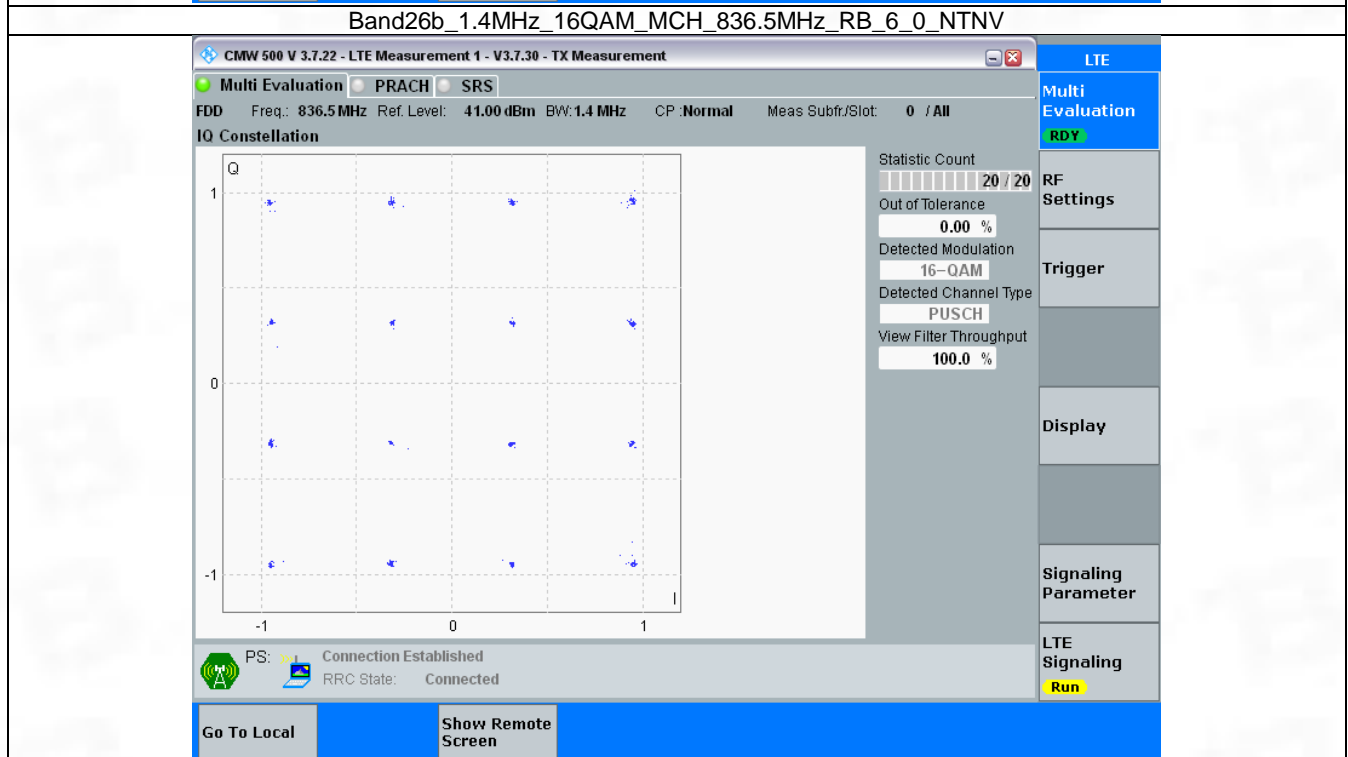
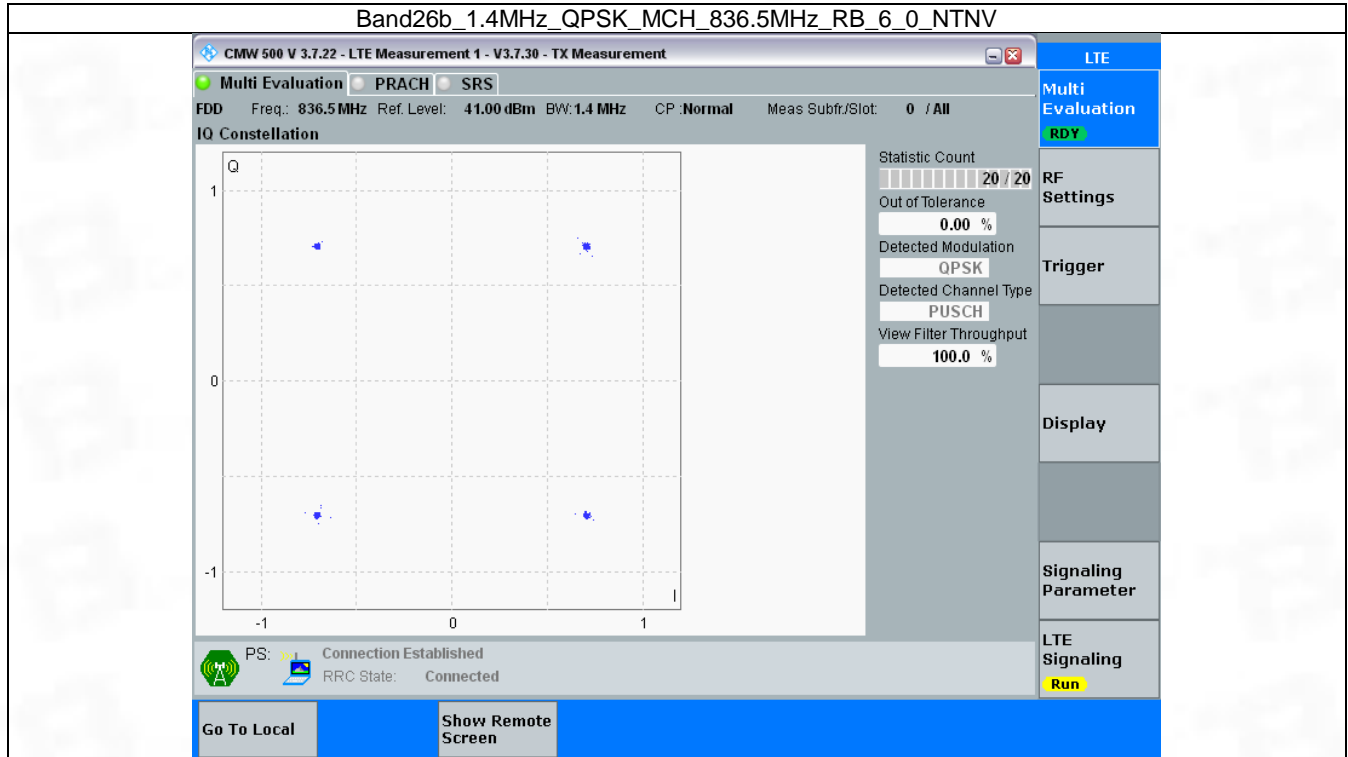
### 3. Modulation Characteristics

#### 3.1 B26b\_1.4MHz

##### 3.1.1 Test Result

Band: 26b / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	6	0	Refer To Test Graph		Pass
16QAM	836.5	6	0	Refer To Test Graph		Pass

### 3.1.2 Test Graph

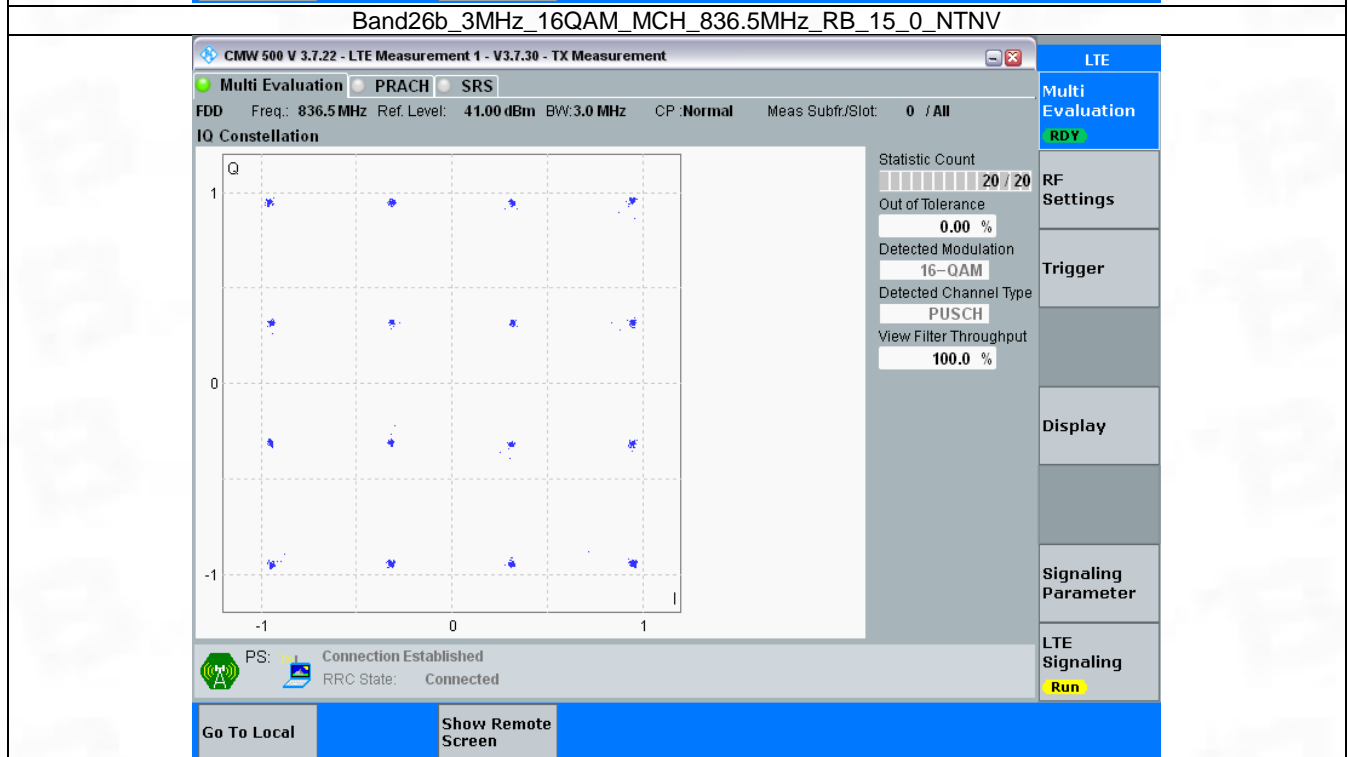
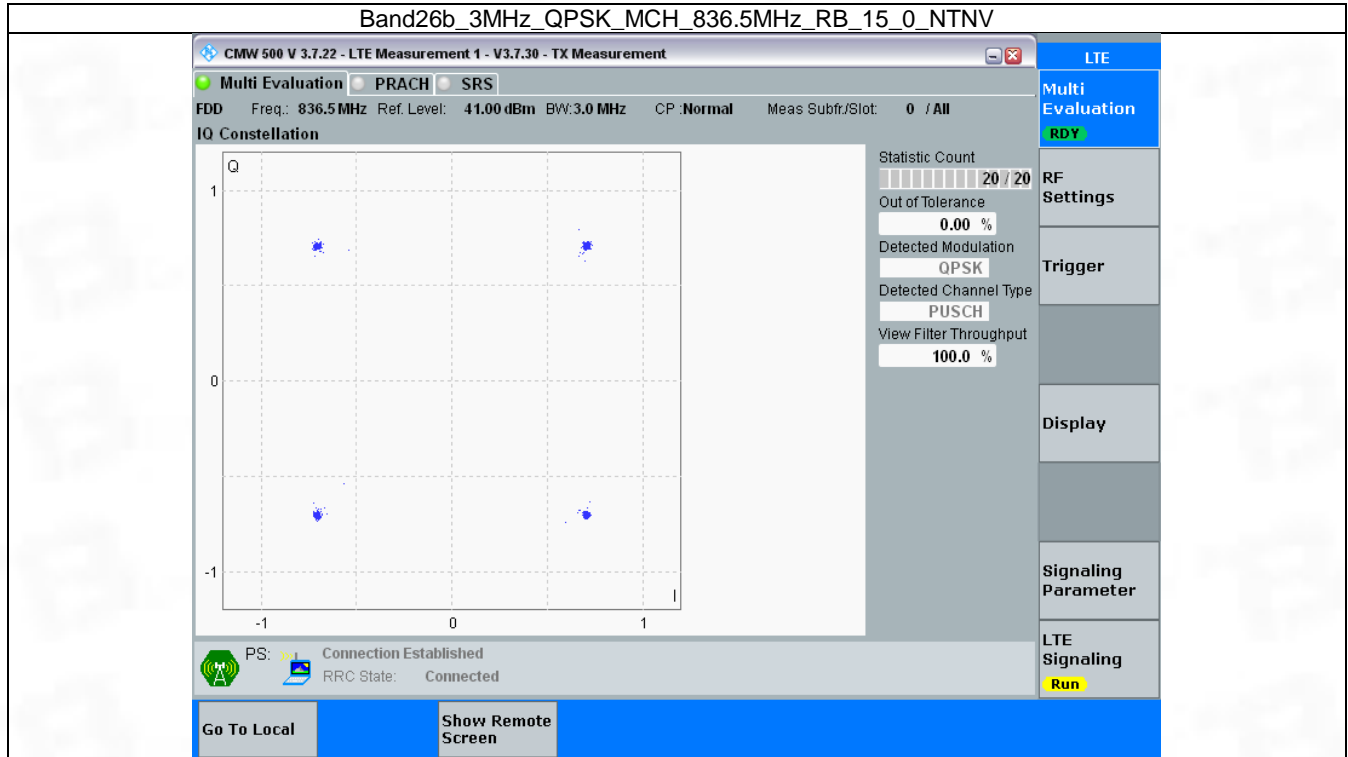


### 3.2 B26b\_3MHz

#### 3.2.1 Test Result

Band: 26b / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	15	0	Refer To Test Graph		Pass
16QAM	836.5	15	0	Refer To Test Graph		Pass

### 3.2.2 Test Graph

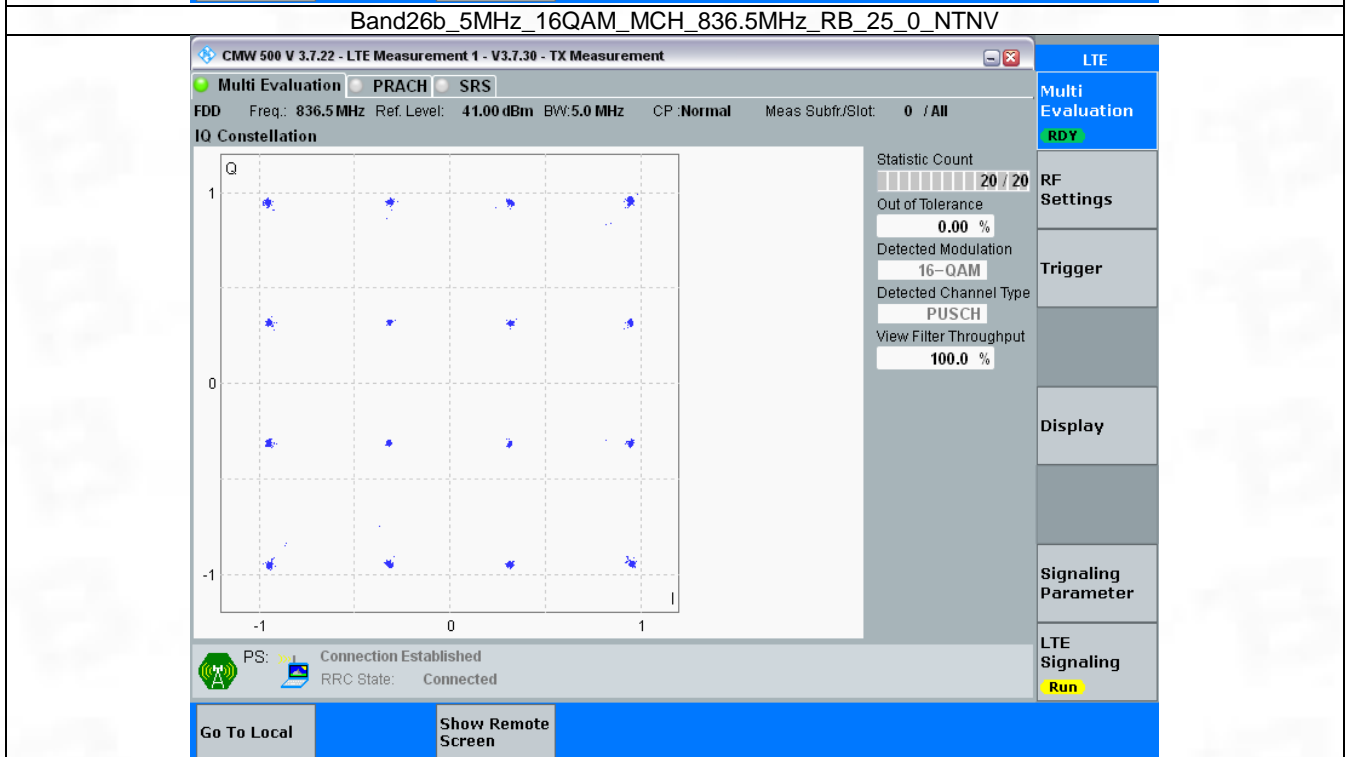
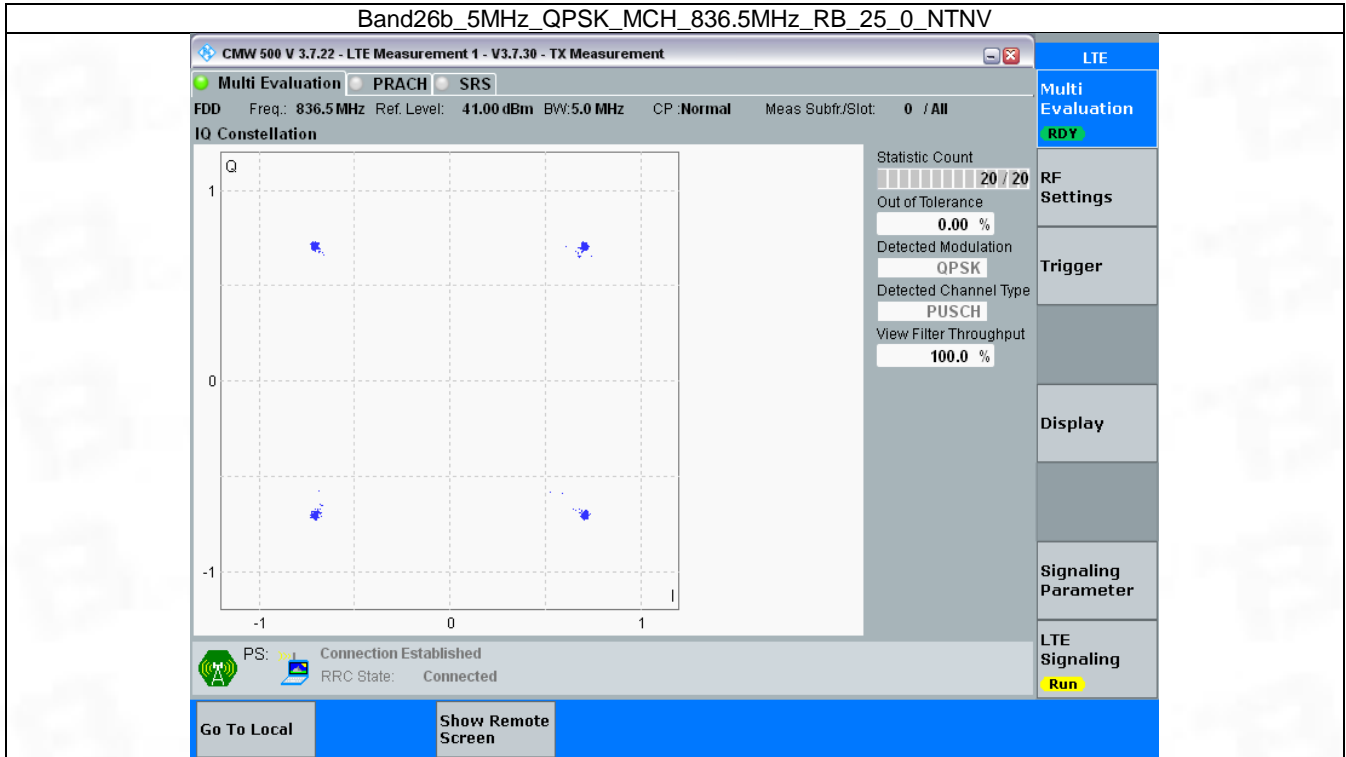


### 3.3 B26b\_5MHz

#### 3.3.1 Test Result

Band: 26b / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

### 3.3.2 Test Graph



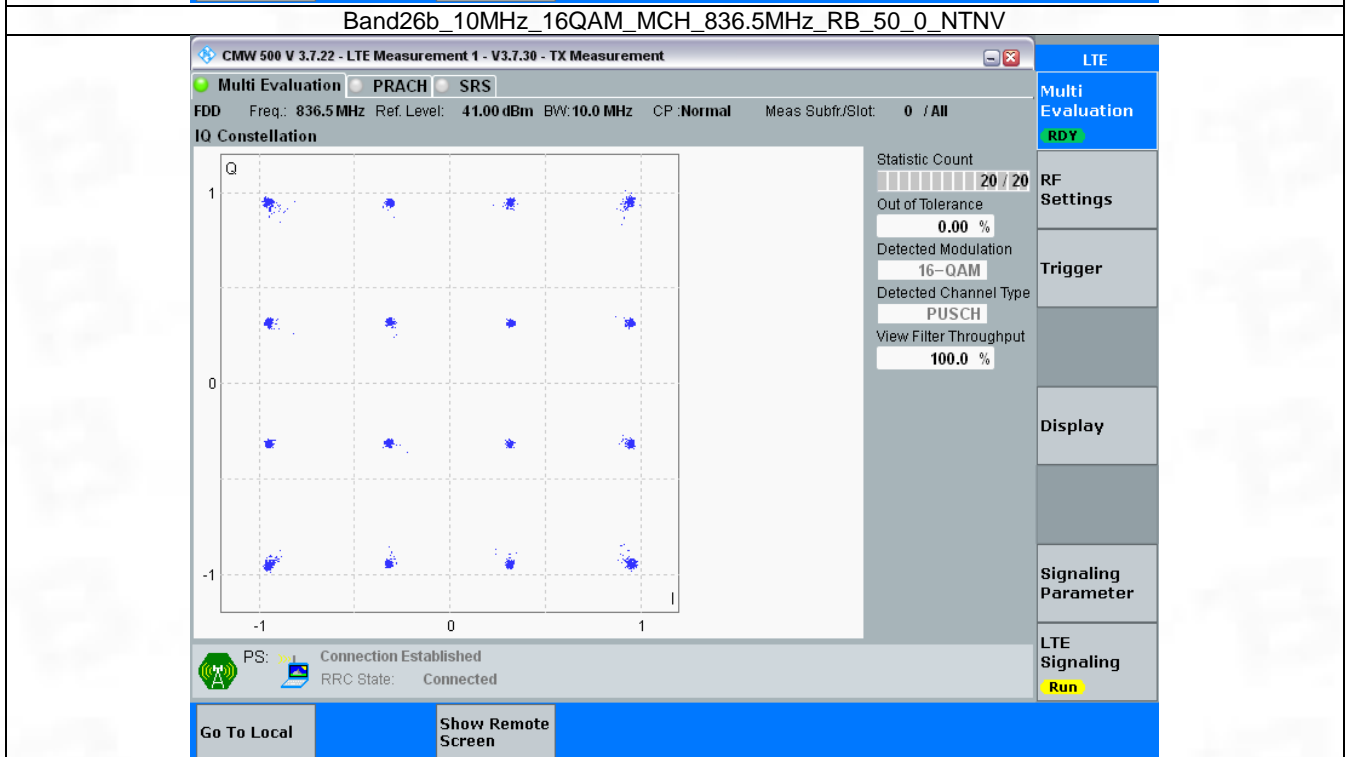
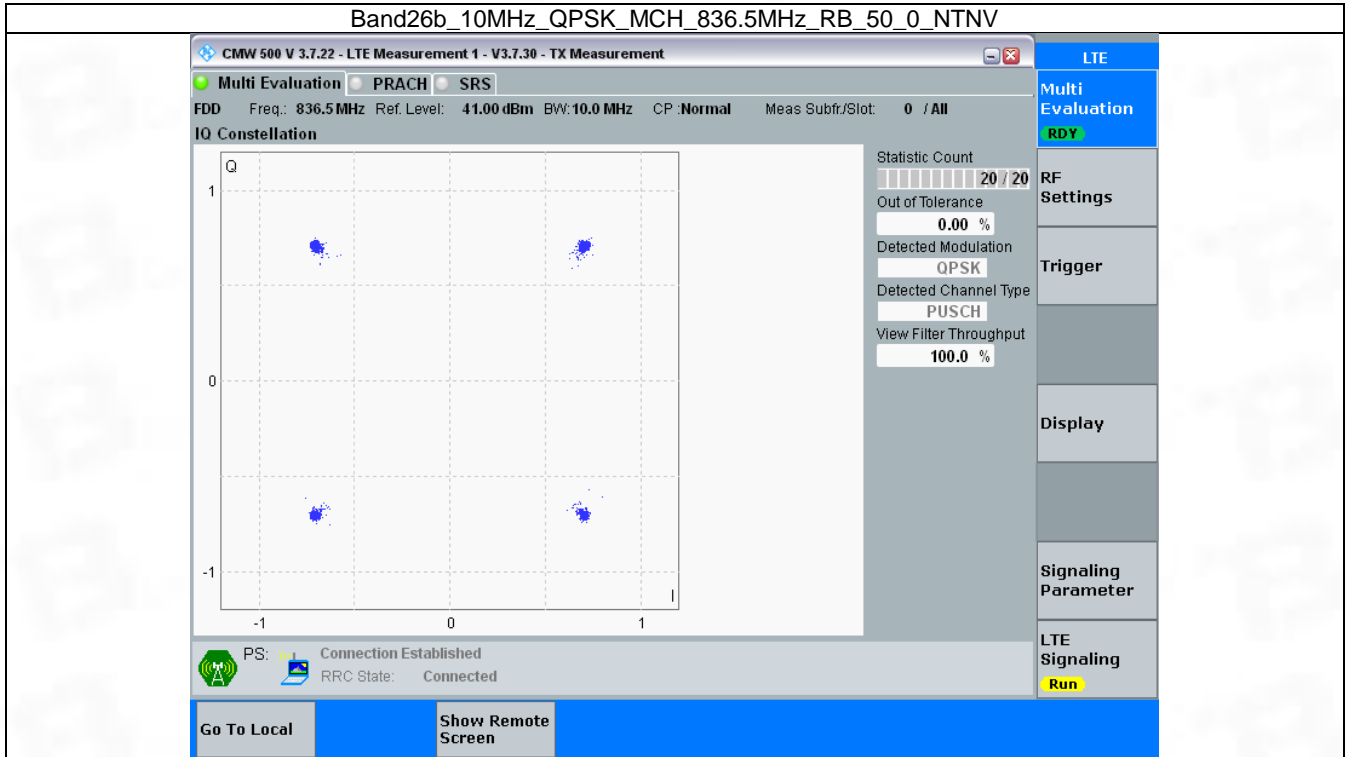
### 3.4 B26b\_10MHz

#### 3.4.1 Test Result

Band: 26b / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass



### 3.4.2 Test Graph



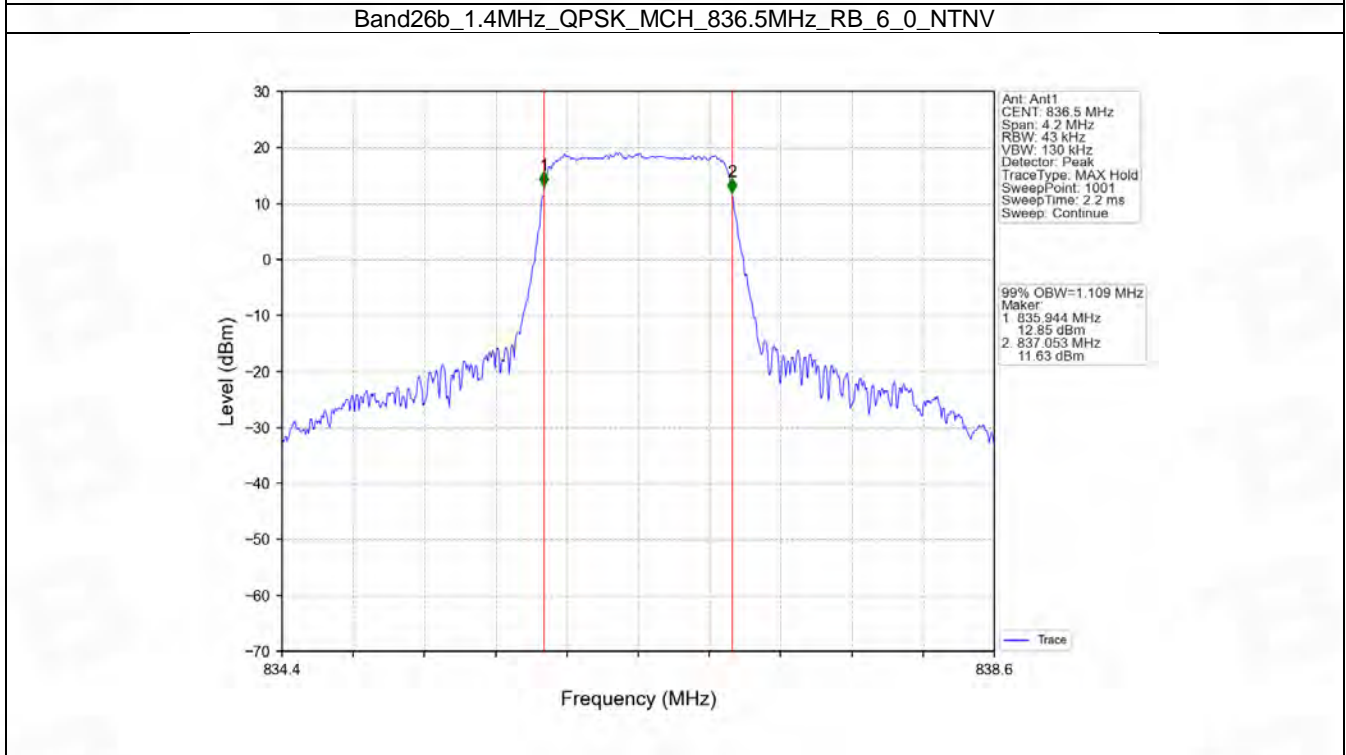
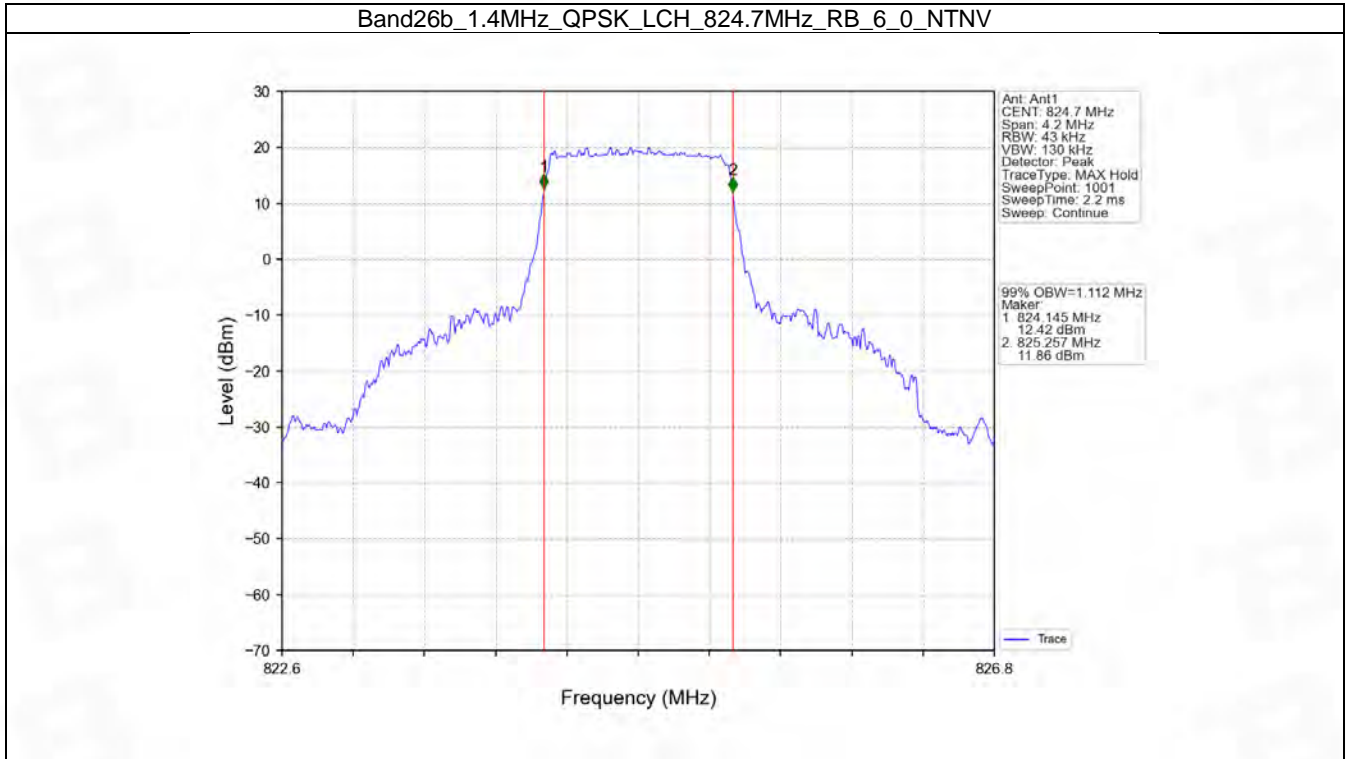
## 4. 99% & 26dB Bandwidth

### 4.1 Band26b\_OBW

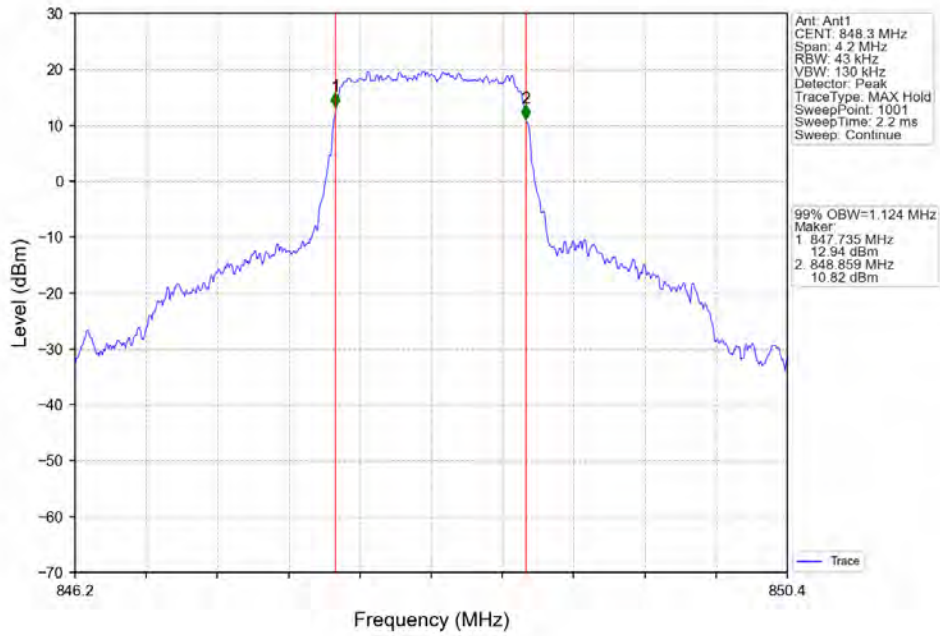
#### 4.1.1 Test Result

Band: 26b / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.112	Pass
		836.5	6	0	1.109	Pass
		848.3	6	0	1.124	Pass
	16QAM	824.7	6	0	1.113	Pass
		836.5	6	0	1.105	Pass
		848.3	6	0	1.103	Pass
3	QPSK	825.5	15	0	2.741	Pass
		836.5	15	0	2.727	Pass
		847.5	15	0	2.723	Pass
	16QAM	825.5	15	0	2.725	Pass
		836.5	15	0	2.719	Pass
		847.5	15	0	2.721	Pass
5	QPSK	826.5	25	0	4.567	Pass
		836.5	25	0	4.584	Pass
		846.5	25	0	4.566	Pass
	16QAM	826.5	25	0	4.599	Pass
		836.5	25	0	4.588	Pass
		846.5	25	0	4.566	Pass
10	QPSK	829	50	0	9.109	Pass
		836.5	50	0	9.097	Pass
		844	50	0	9.115	Pass
	16QAM	829	50	0	9.116	Pass
		836.5	50	0	9.066	Pass
		844	50	0	9.066	Pass

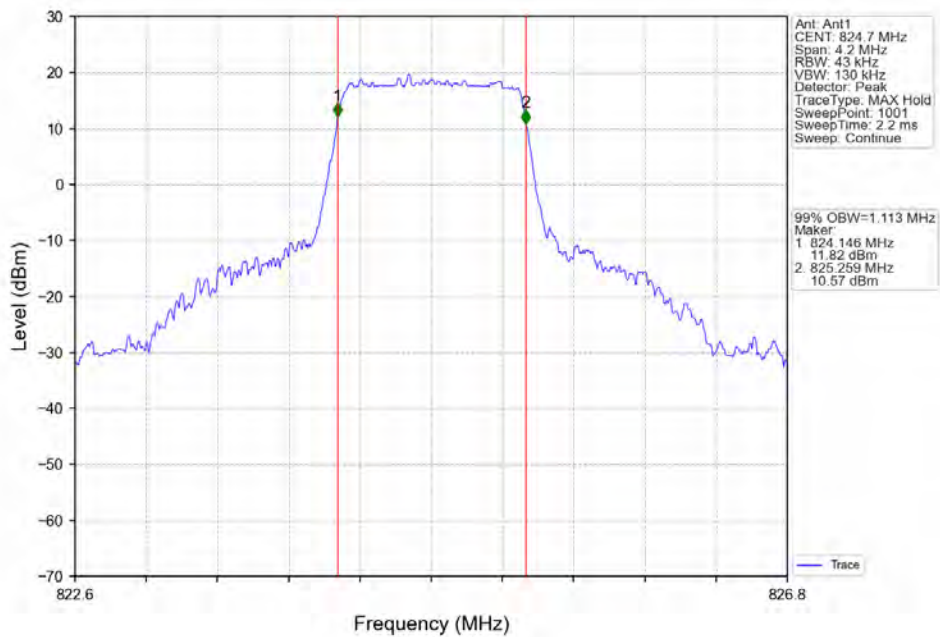
### 4.1.2 Test Graph



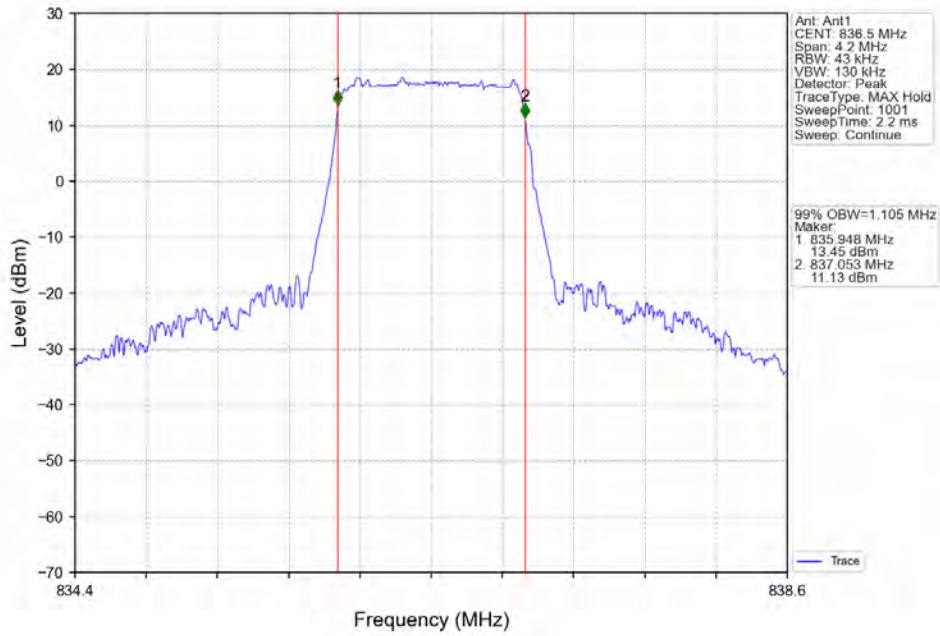
Band26b\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



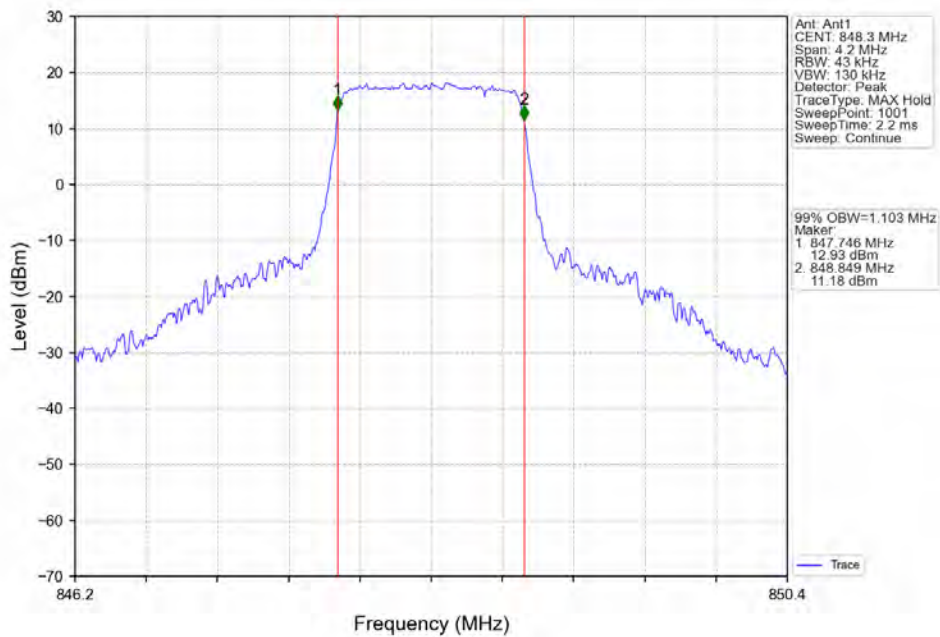
Band26b\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



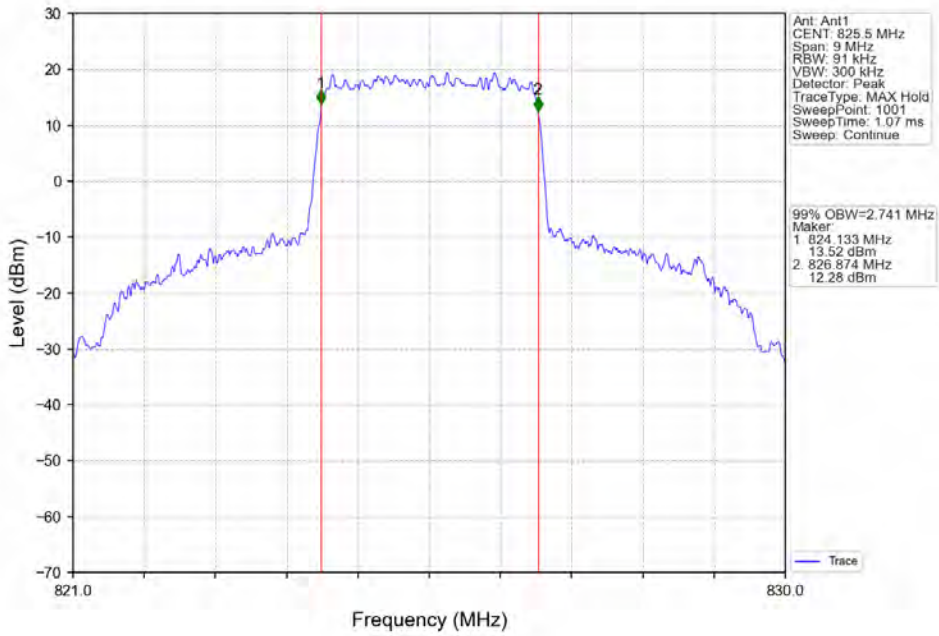
Band26b\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



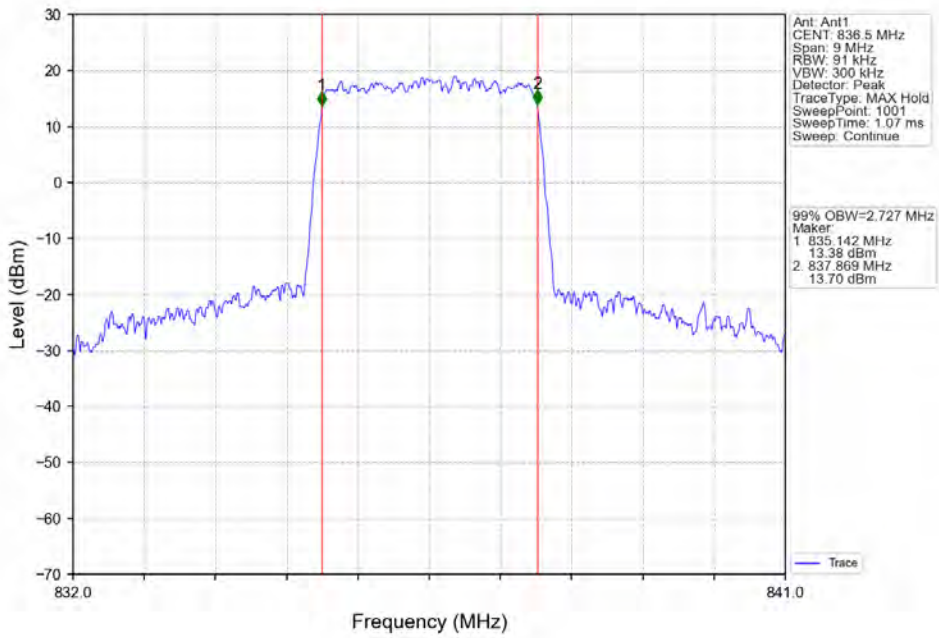
Band26b\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



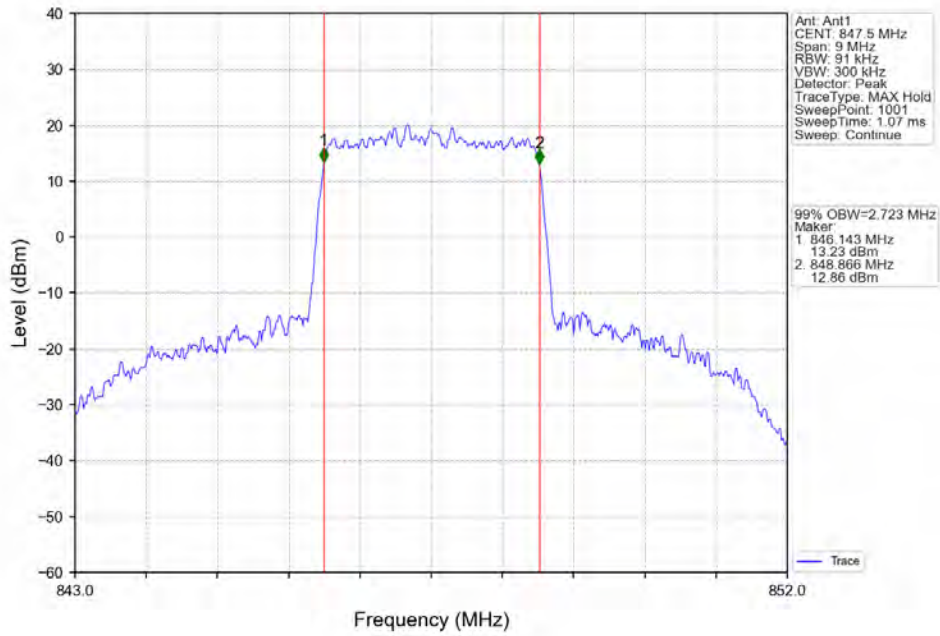
Band26b\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



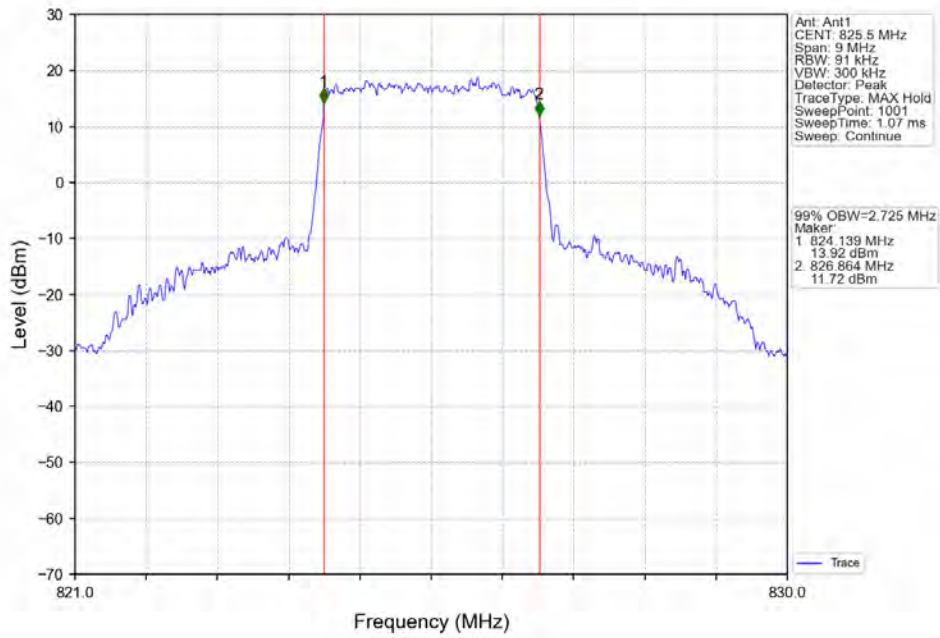
Band26b\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



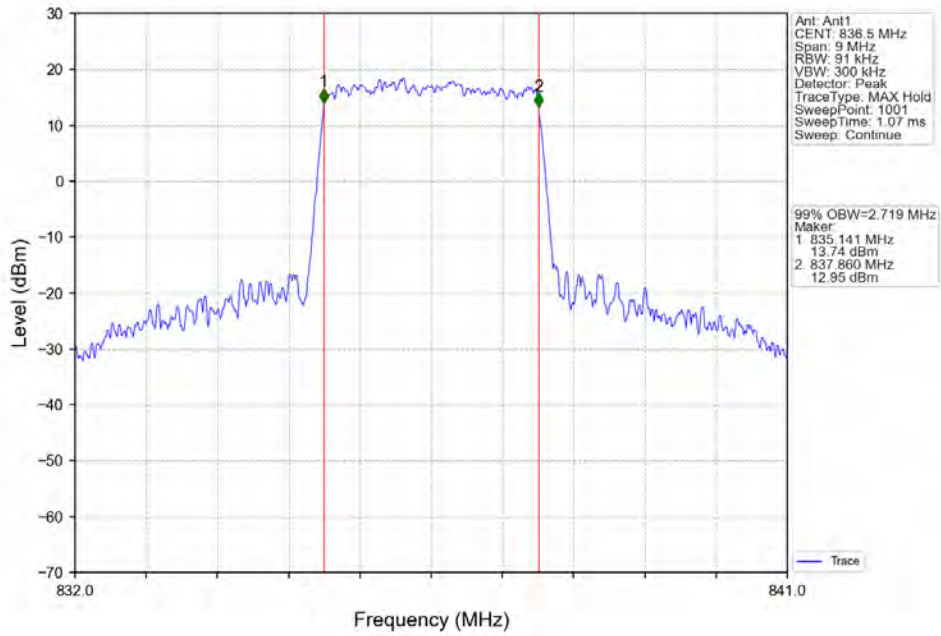
Band26b\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



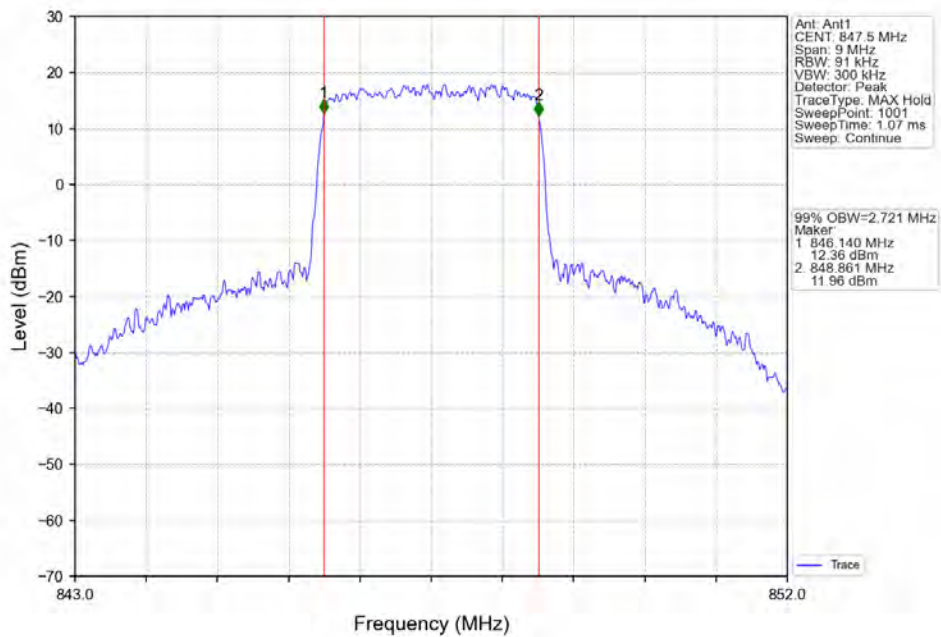
Band26b\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



Band26b\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV

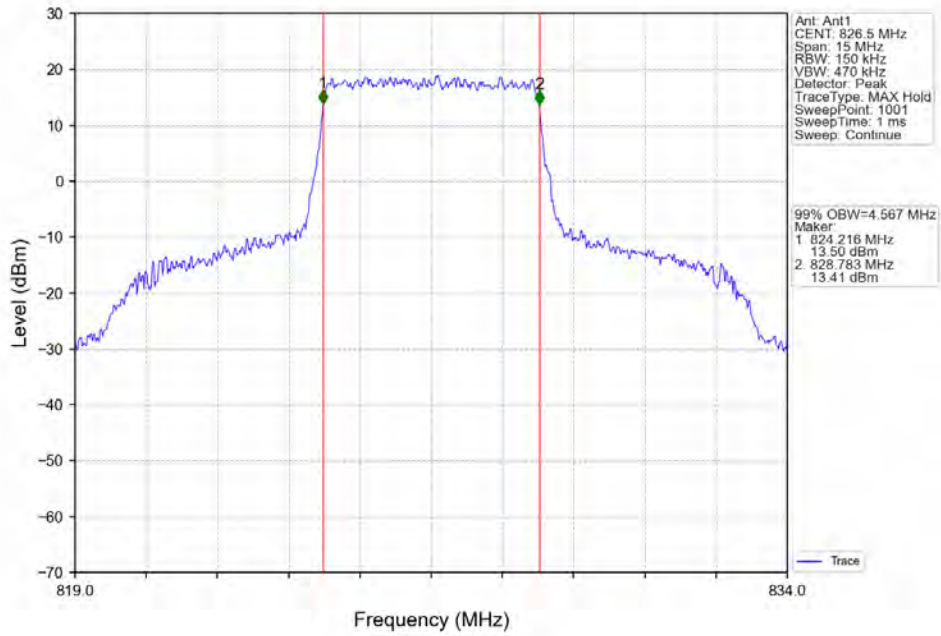


Band26b\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV

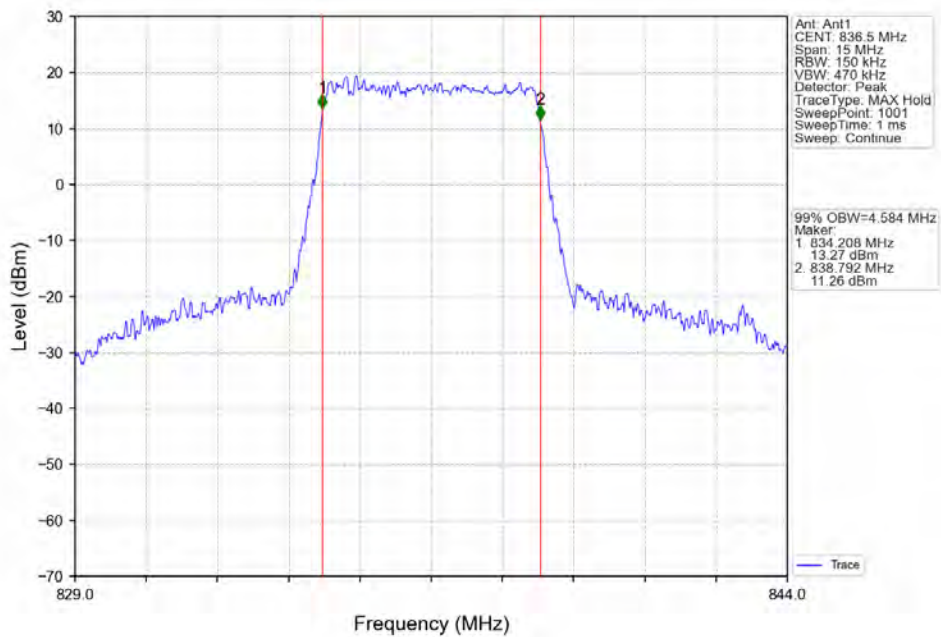




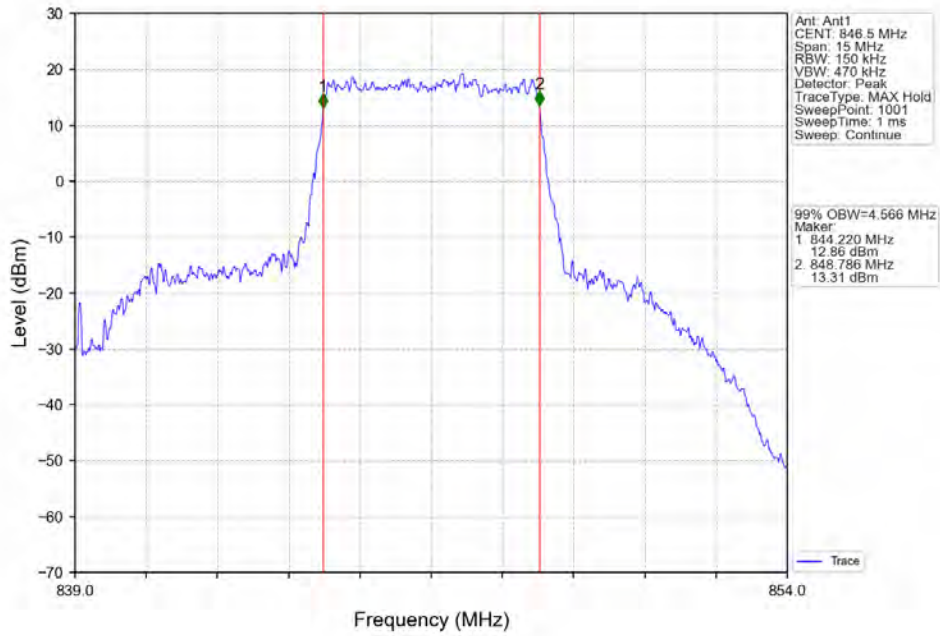
Band26b\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



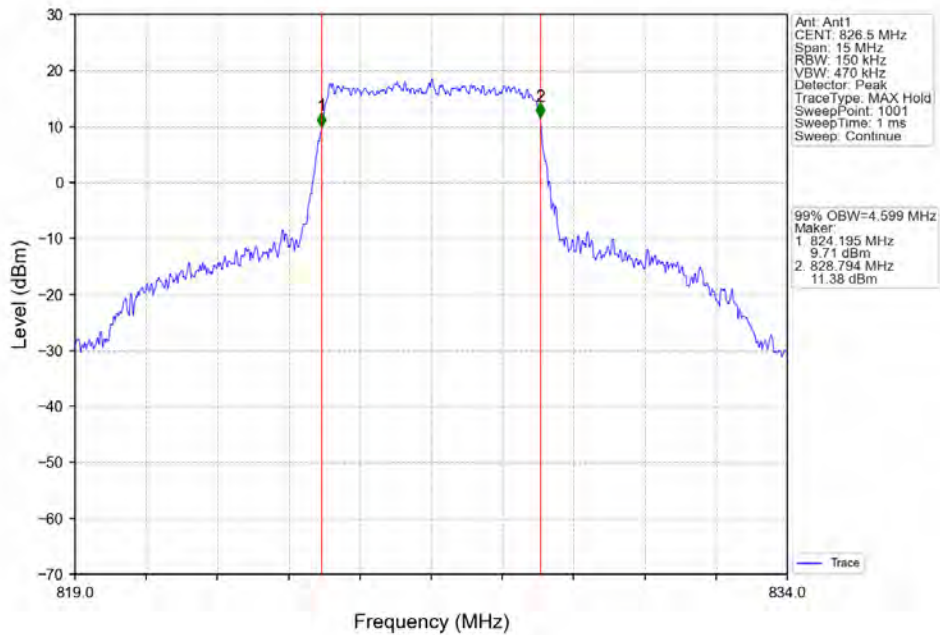
Band26b\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



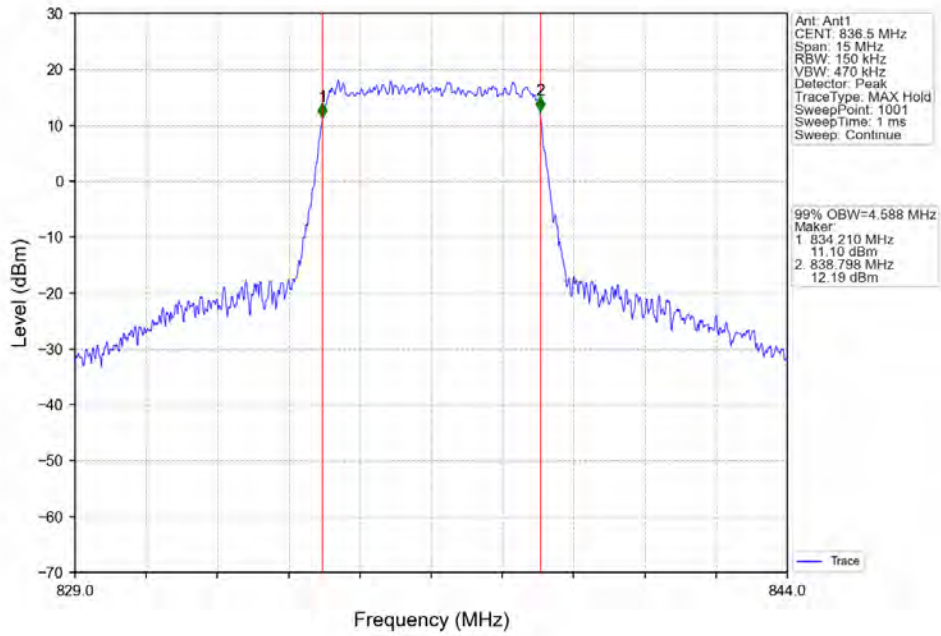
Band26b\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



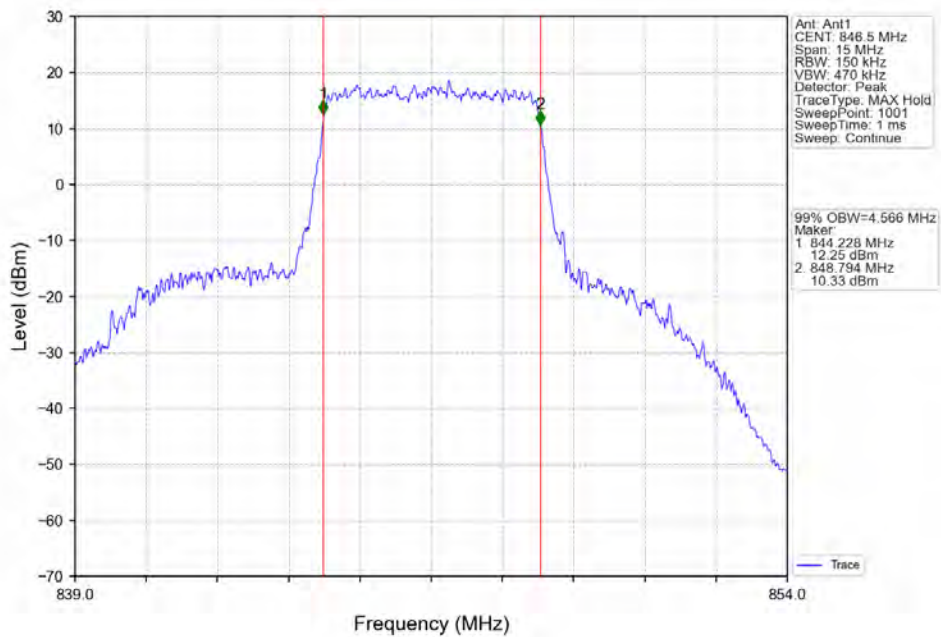
Band26b\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



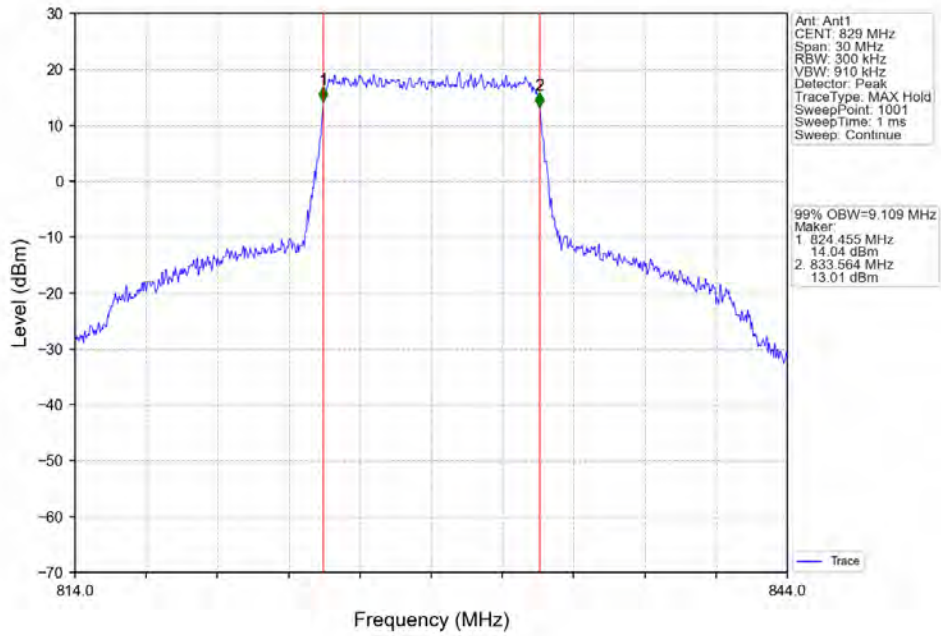
Band26b\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



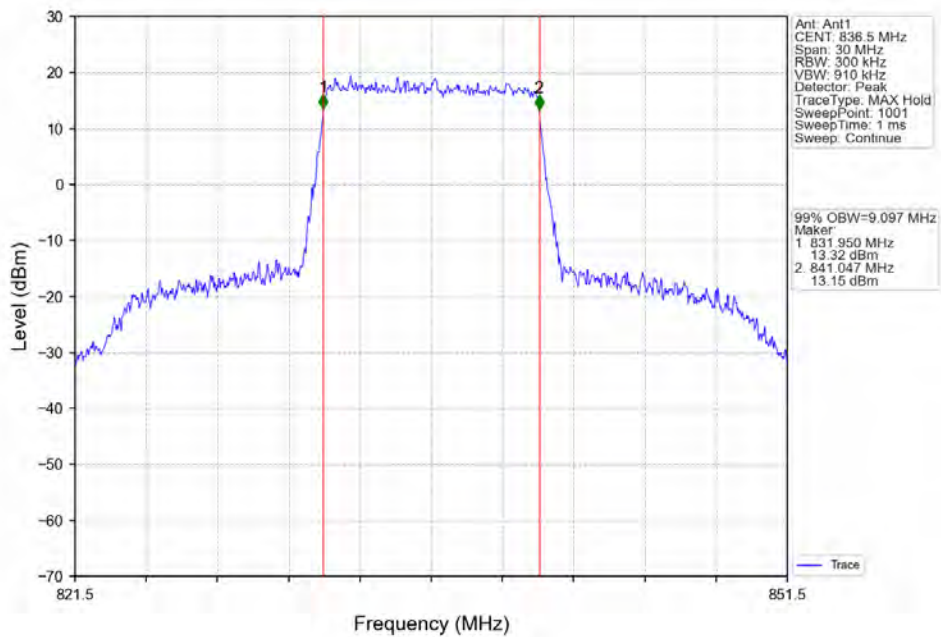
Band26b\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



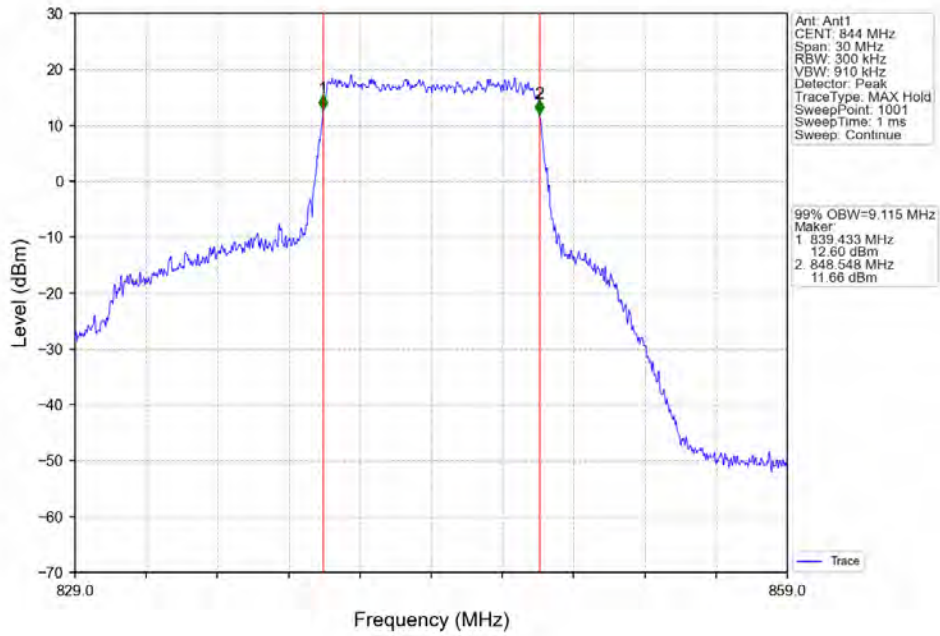
Band26b\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV



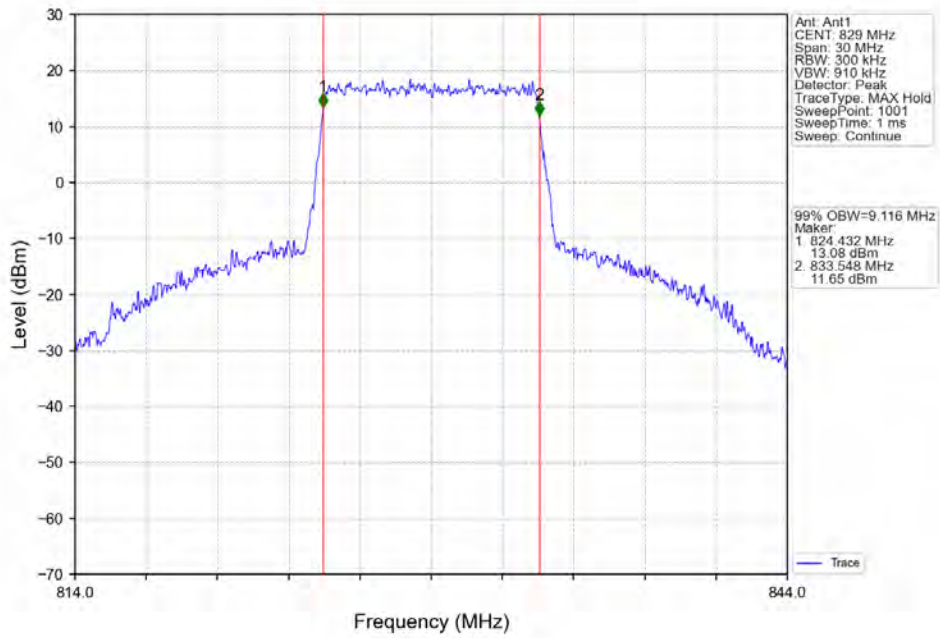
Band26b\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



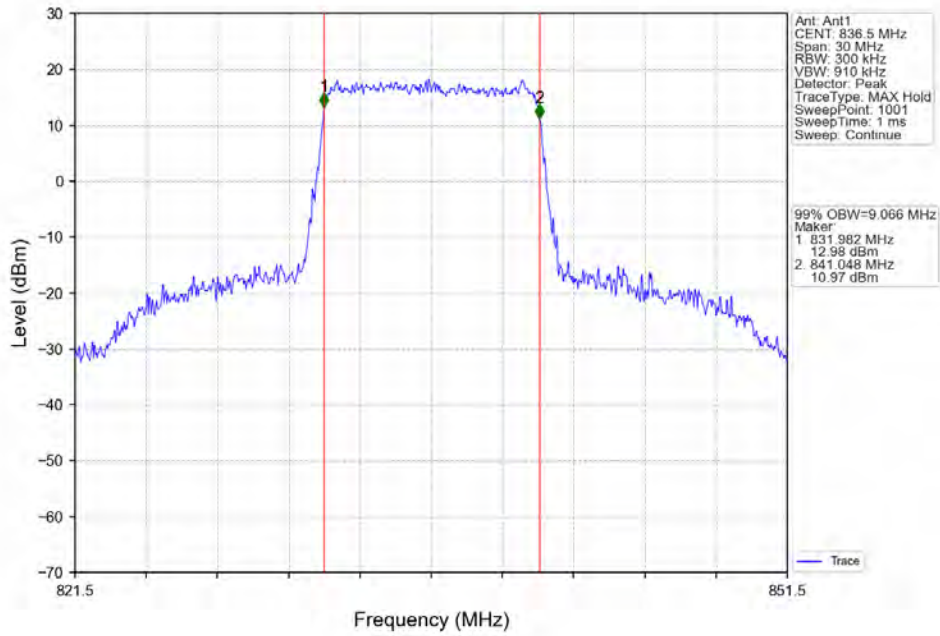
Band26b\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



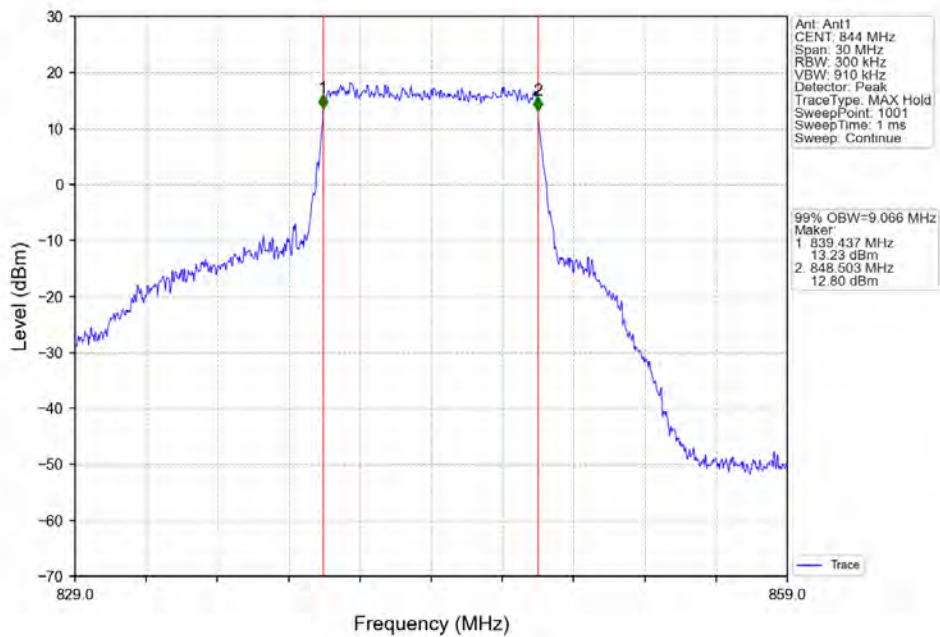
Band26b\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



Band26b\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



Band26b\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV



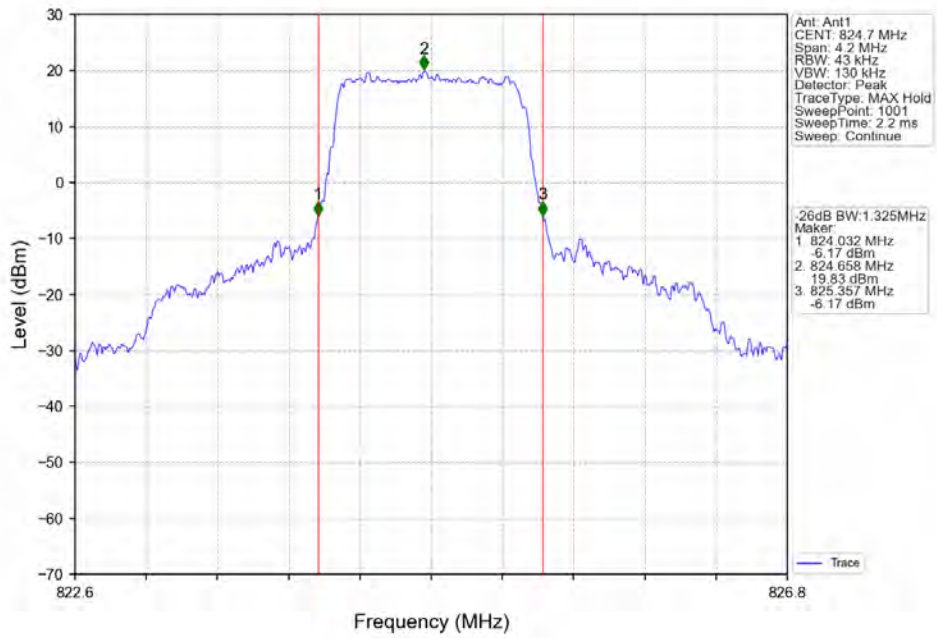
## 4.2 Band26b\_XDB

### 4.2.1 Test Result

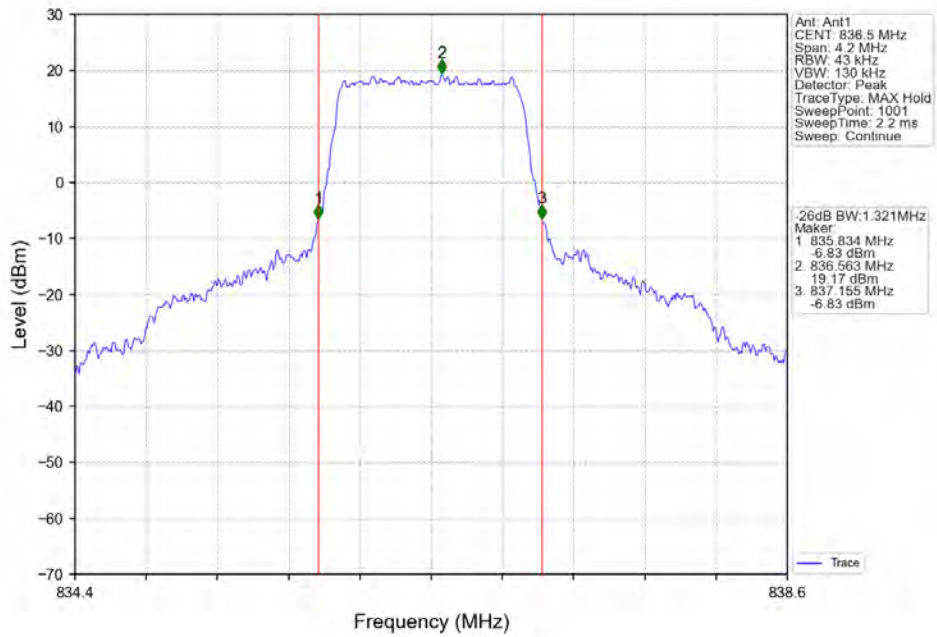
Band: 26b / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.325	Pass
		836.5	6	0	1.321	Pass
		848.3	6	0	1.335	Pass
	16QAM	824.7	6	0	1.336	Pass
		836.5	6	0	1.300	Pass
		848.3	6	0	1.322	Pass
3	QPSK	825.5	15	0	3.026	Pass
		836.5	15	0	3.013	Pass
		847.5	15	0	3.035	Pass
	16QAM	825.5	15	0	3.041	Pass
		836.5	15	0	3.002	Pass
		847.5	15	0	3.017	Pass
5	QPSK	826.5	25	0	5.046	Pass
		836.5	25	0	5.041	Pass
		846.5	25	0	5.060	Pass
	16QAM	826.5	25	0	5.049	Pass
		836.5	25	0	5.060	Pass
		846.5	25	0	5.069	Pass
10	QPSK	829	50	0	10.039	Pass
		836.5	50	0	9.950	Pass
		844	50	0	9.950	Pass
	16QAM	829	50	0	9.954	Pass
		836.5	50	0	9.923	Pass
		844	50	0	9.943	Pass

### 4.2.2 Test Graph

Band26b 1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTV
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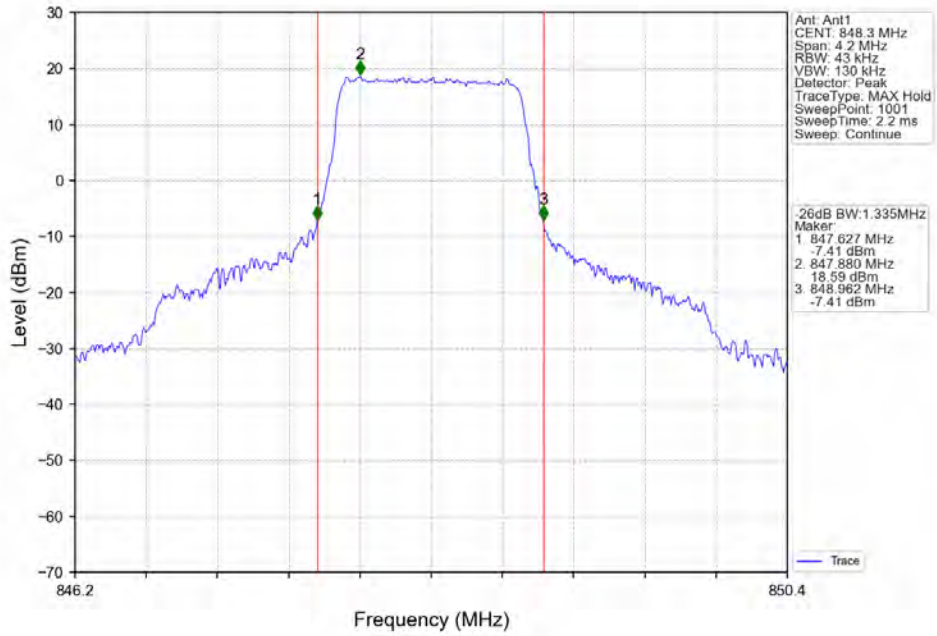


Band26b\_1.4MHz\_QPSK\_MCH\_836.5MHz\_RB\_6\_0\_NTNV

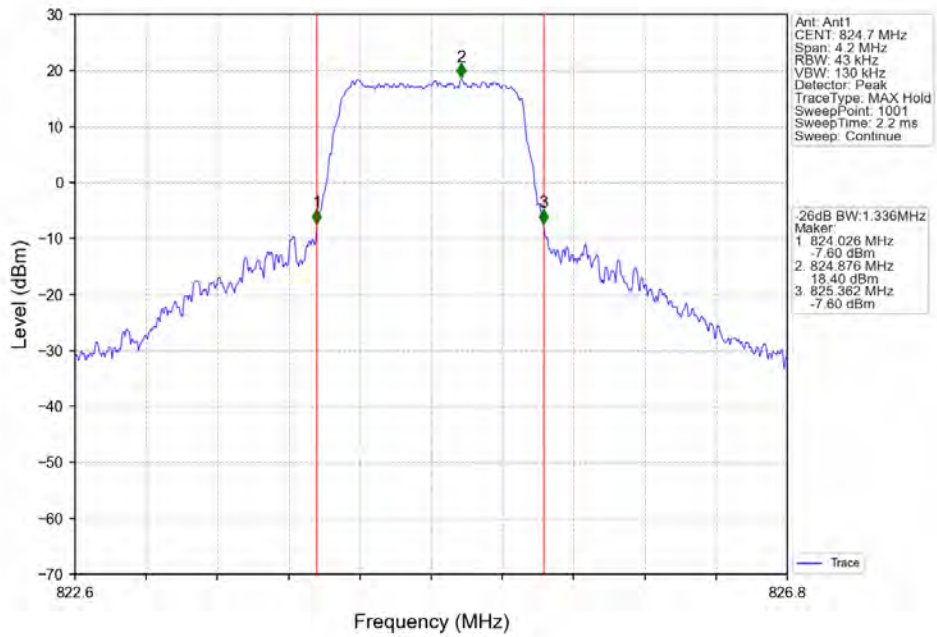


Band26b\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV

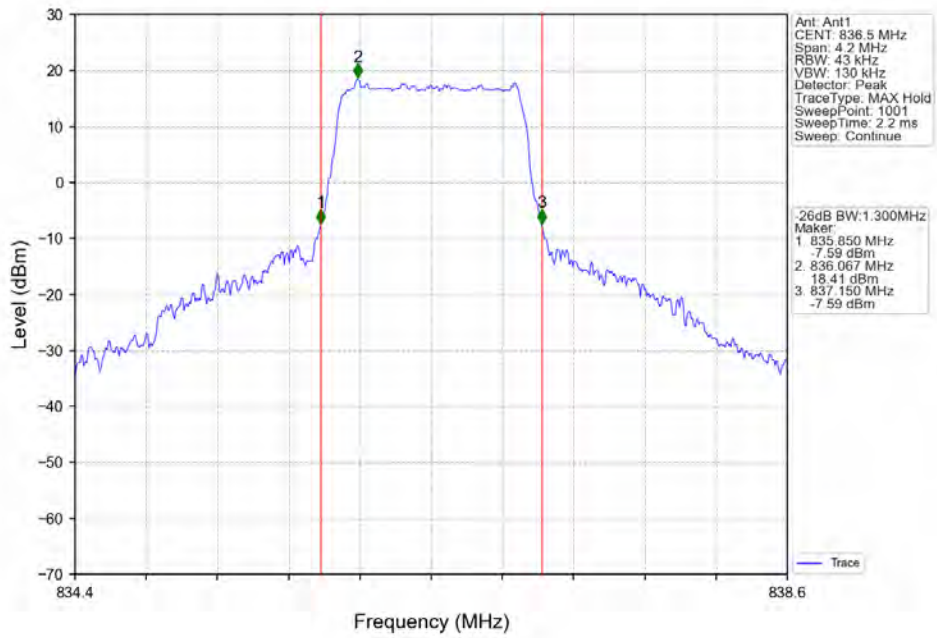




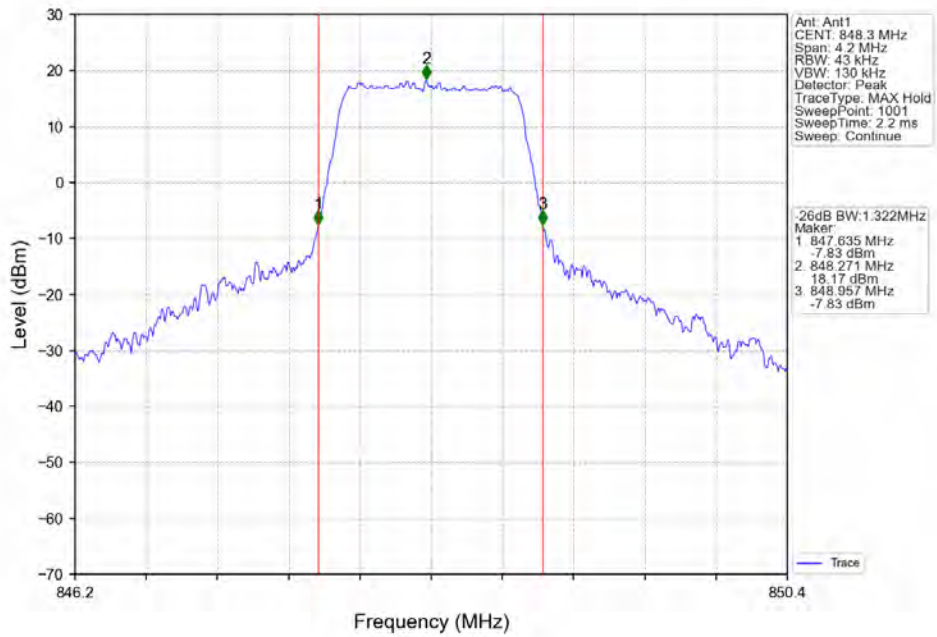
Band26b\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



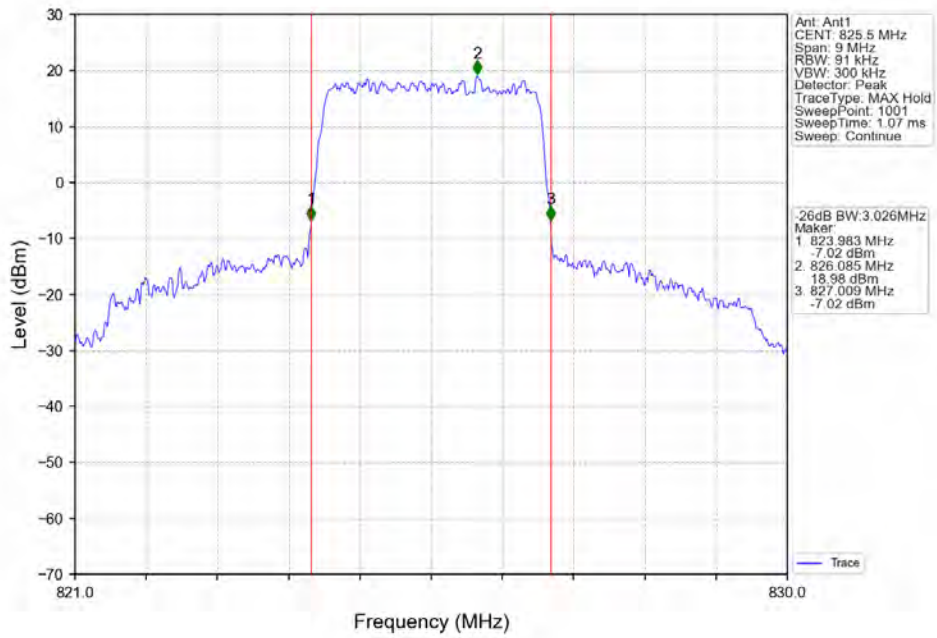
Band26b\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



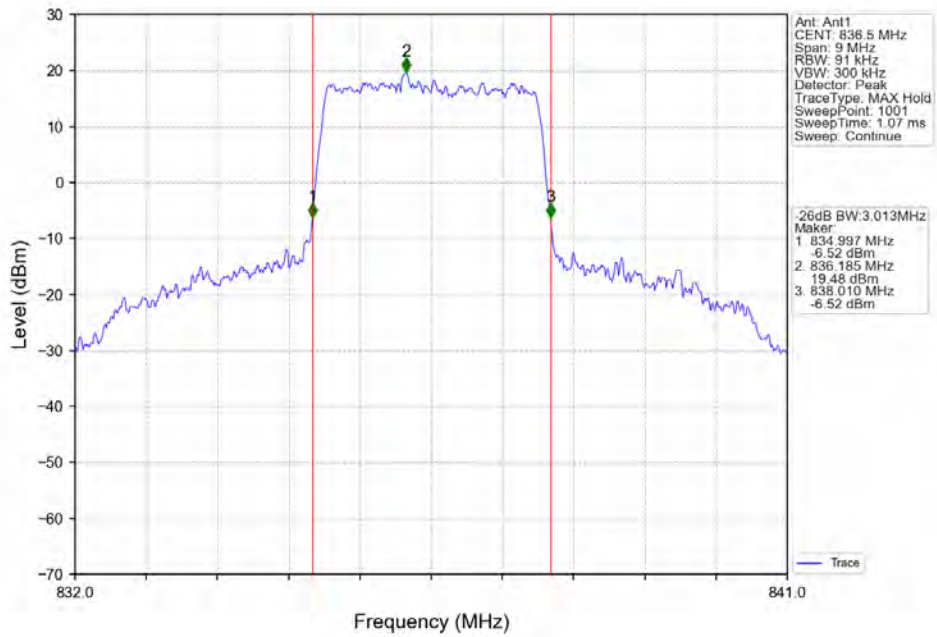
Band26b\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



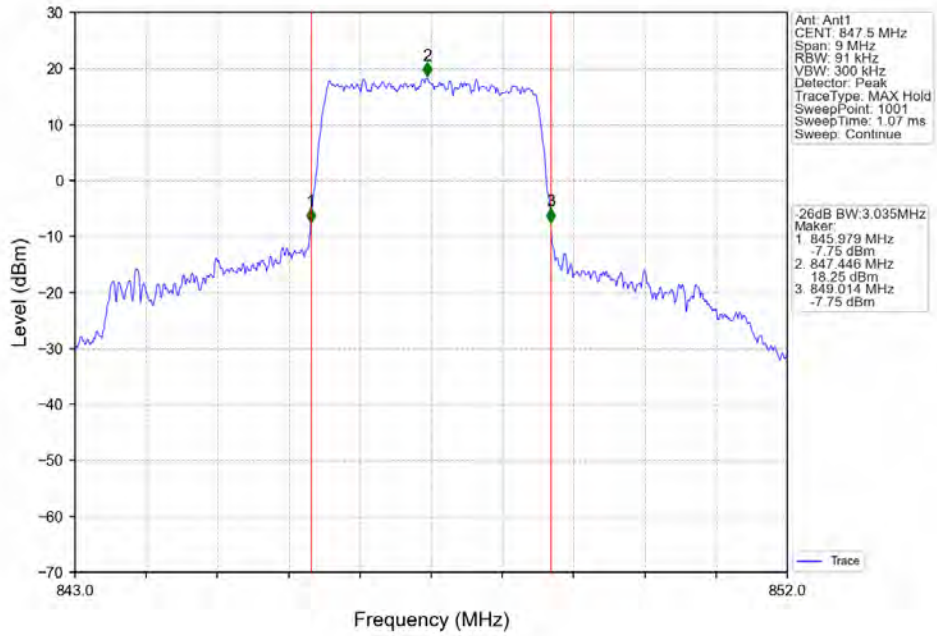
Band26b\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



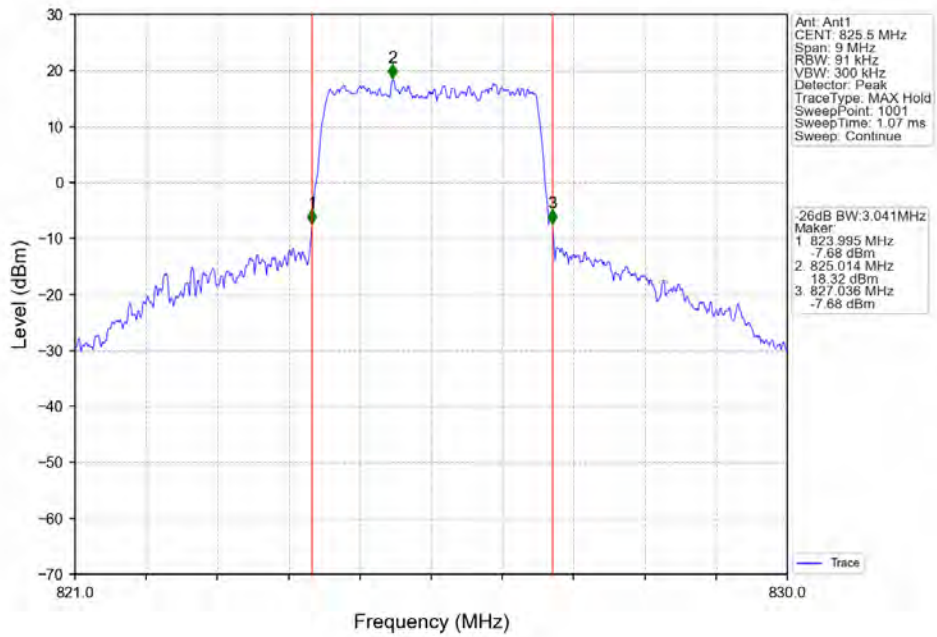
Band26b\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



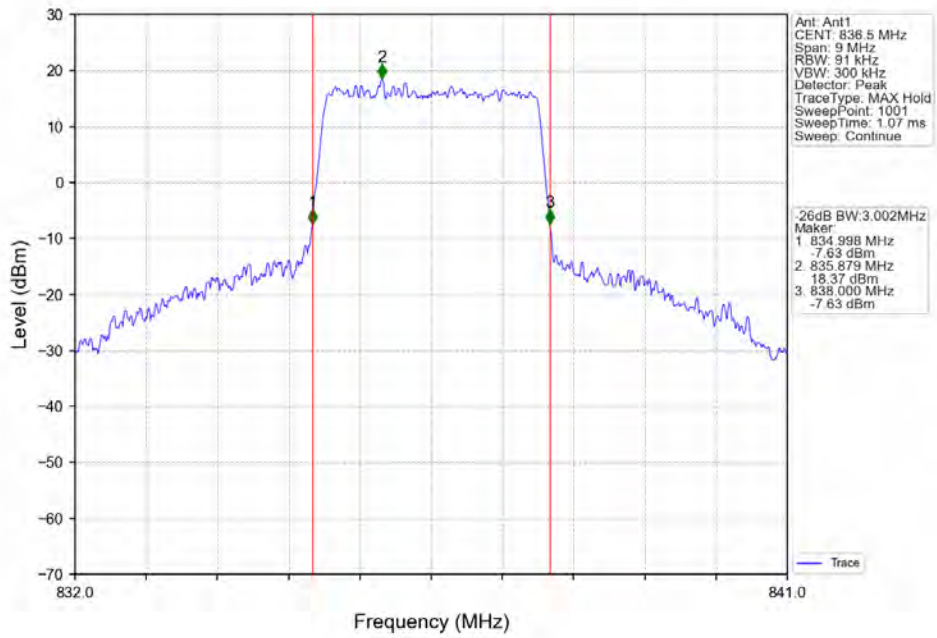
Band26b\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



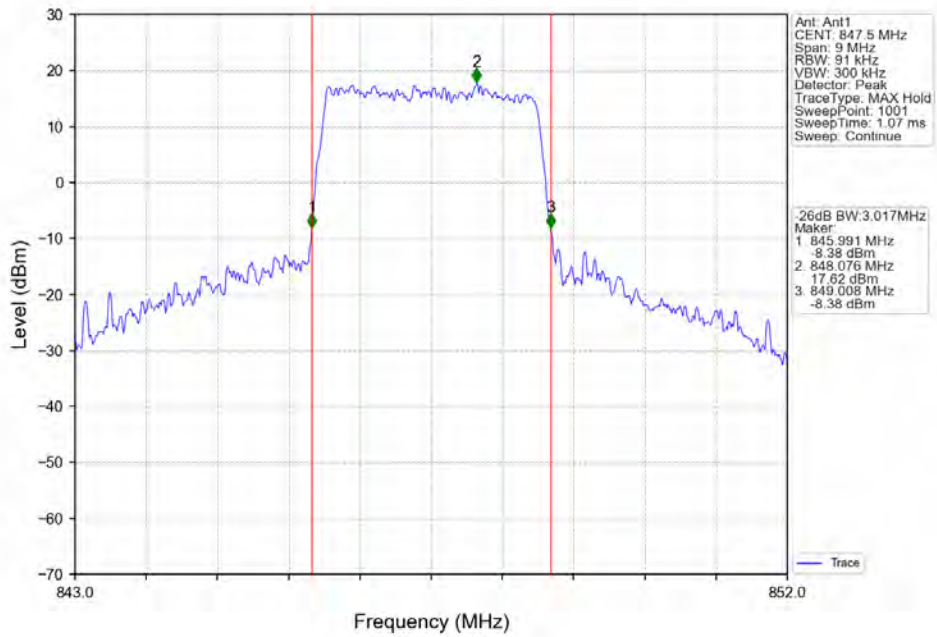
Band26b\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



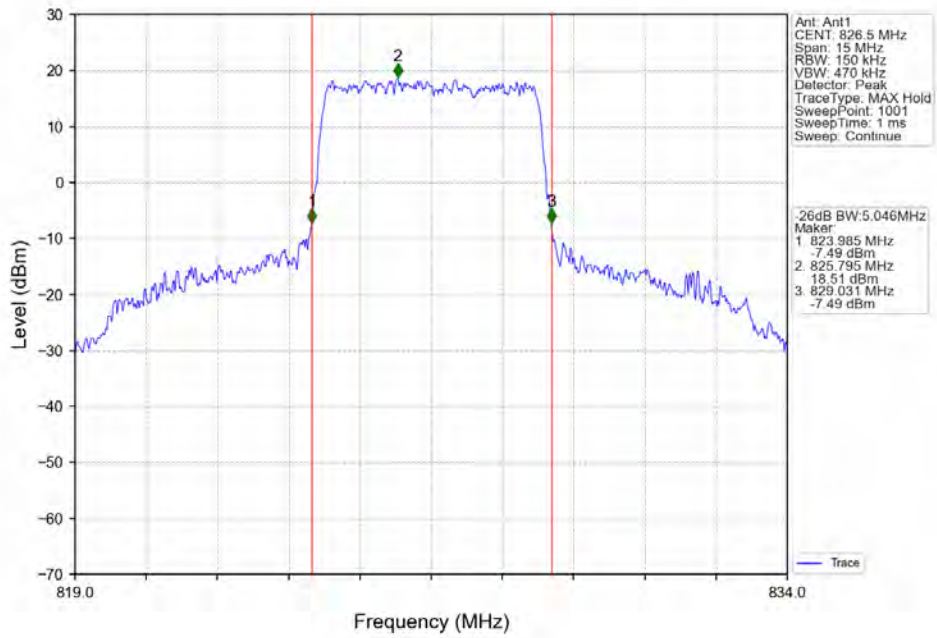
Band26b\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



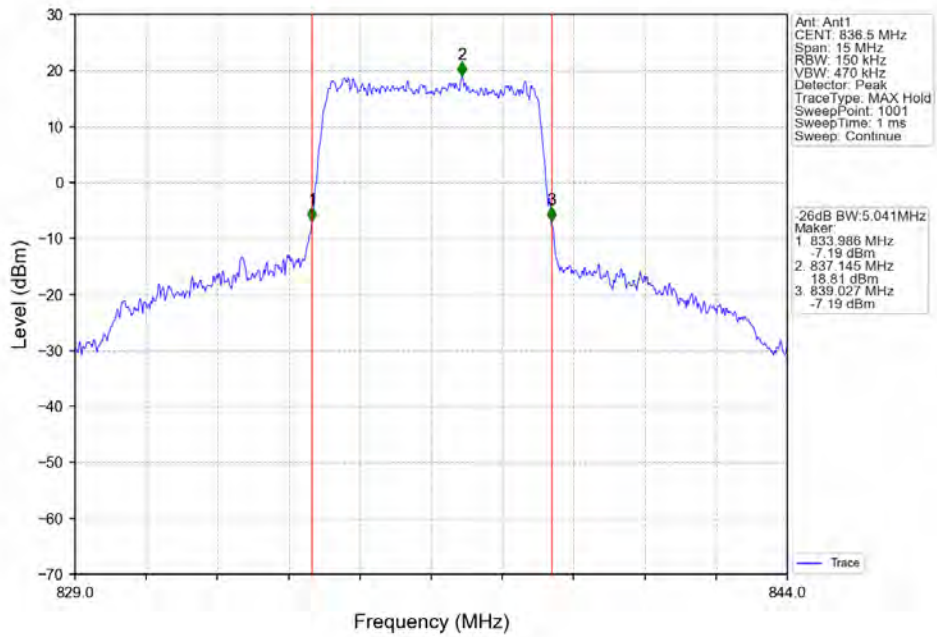
Band26b\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



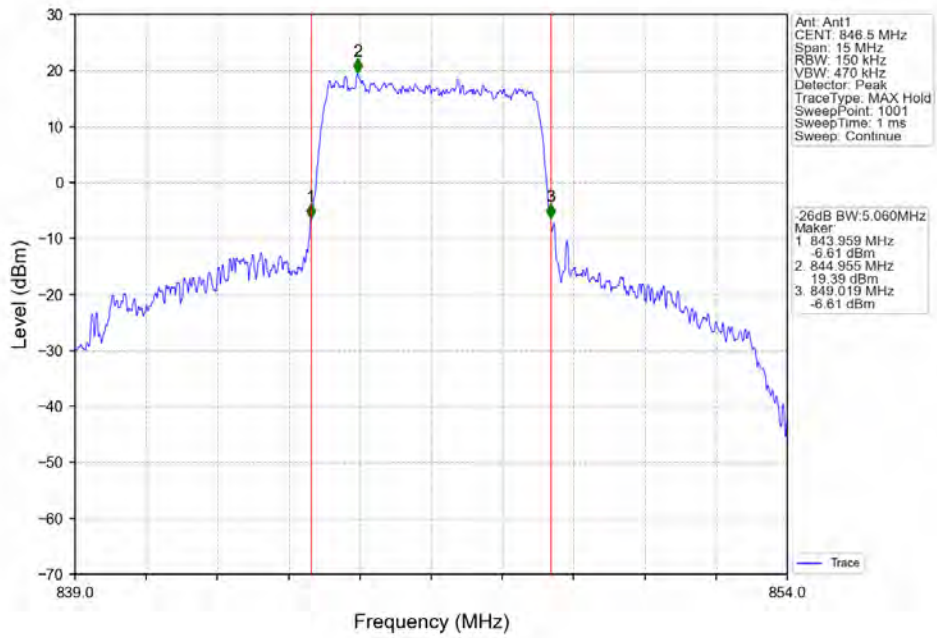
Band26b\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



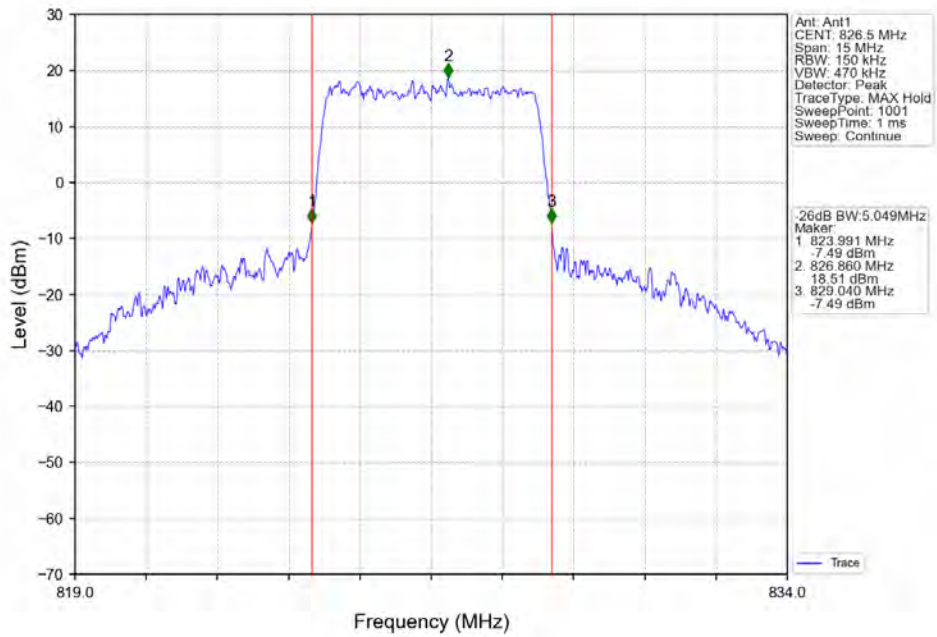
Band26b\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



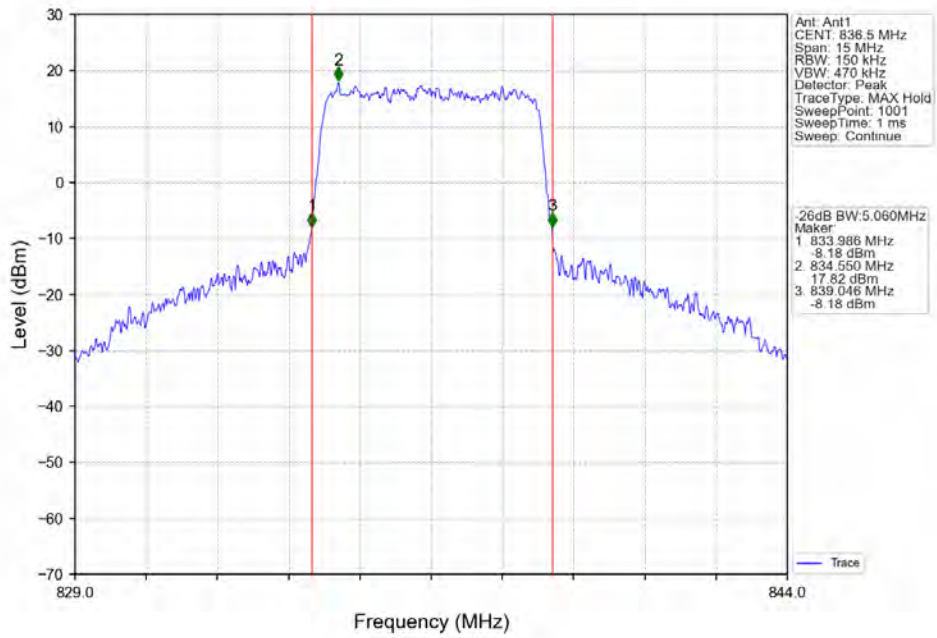
Band26b\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



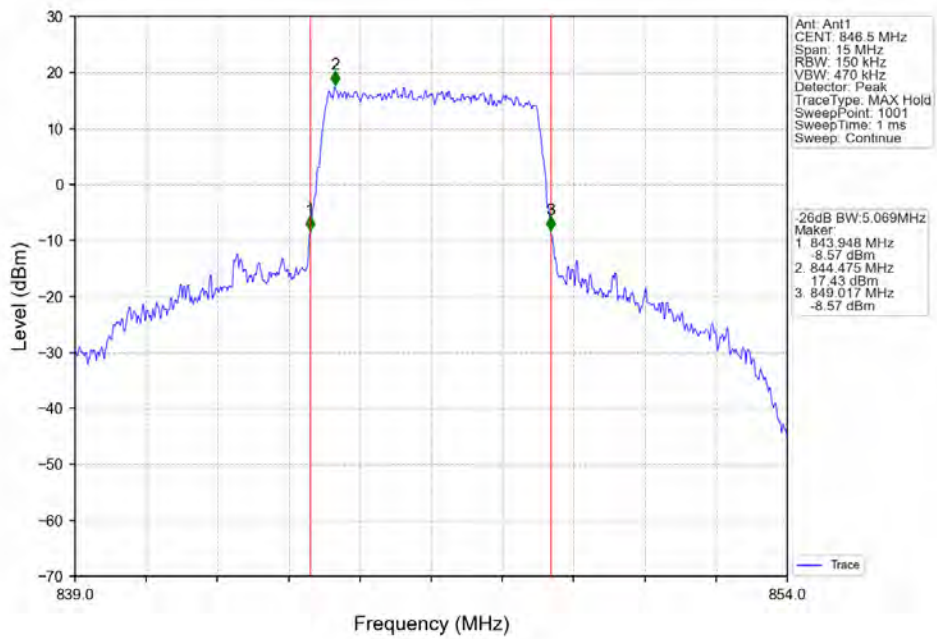
Band26b\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



Band26b\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV

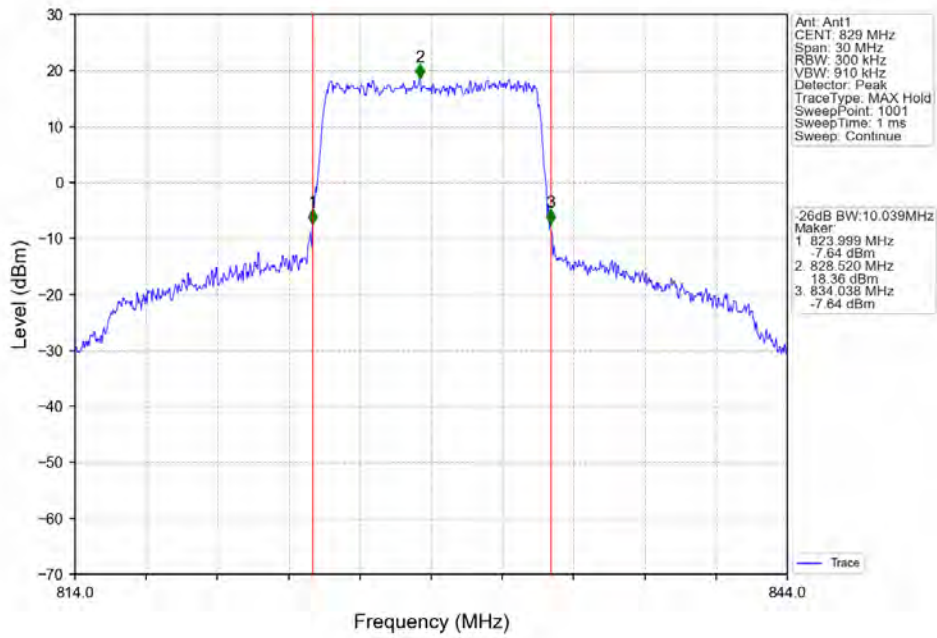


Band26b\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV

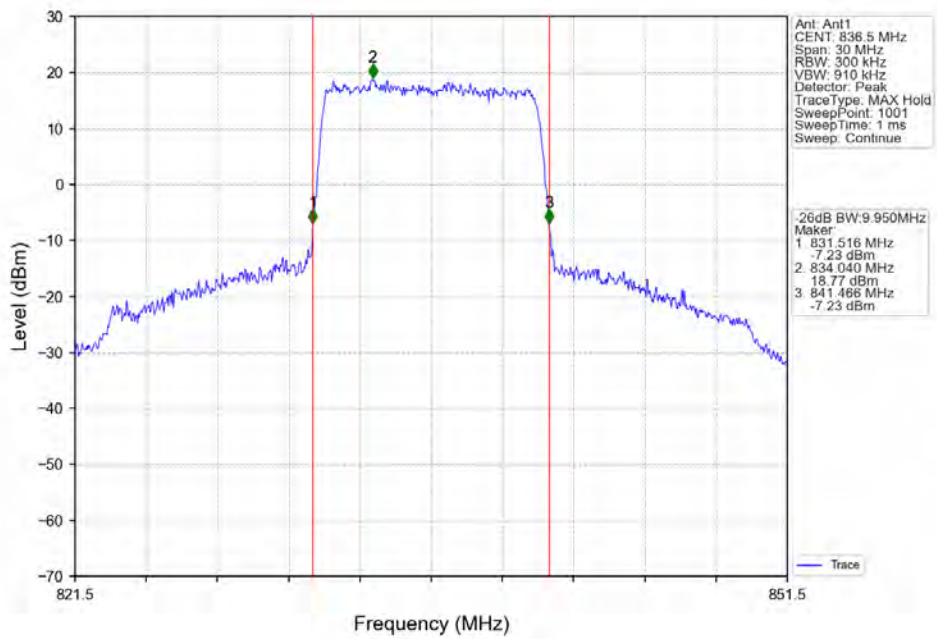


Band26b\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV

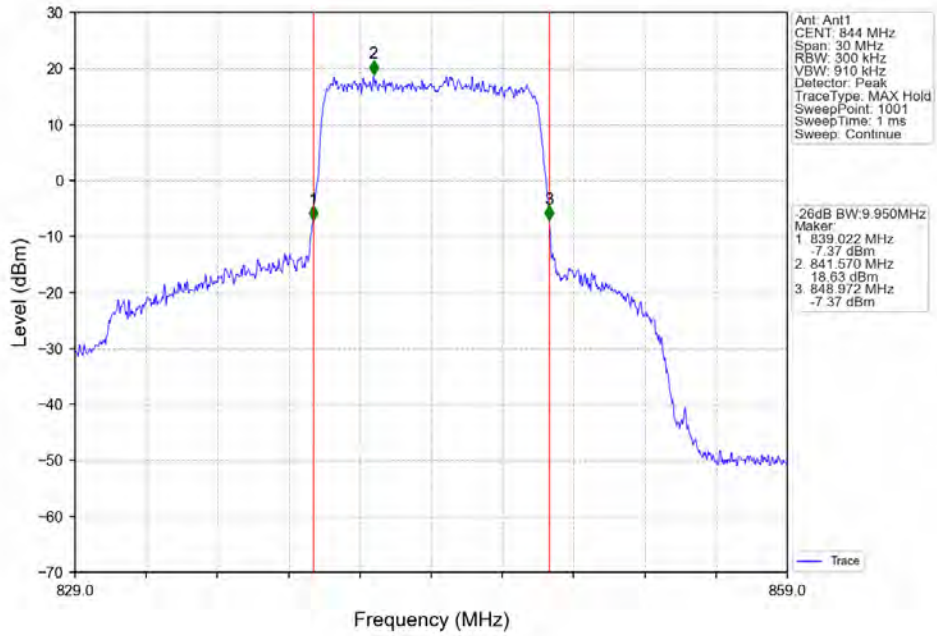




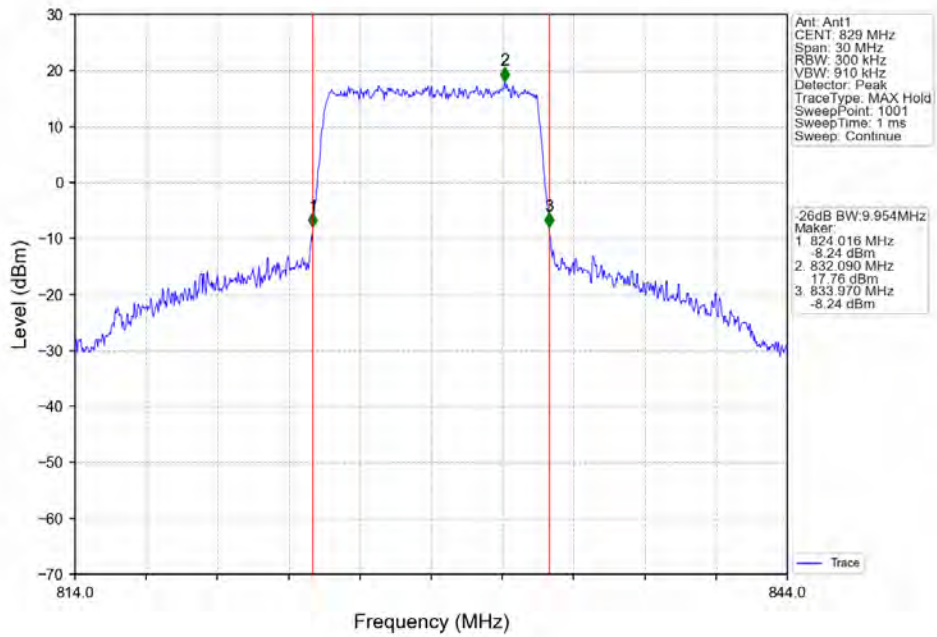
Band26b\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



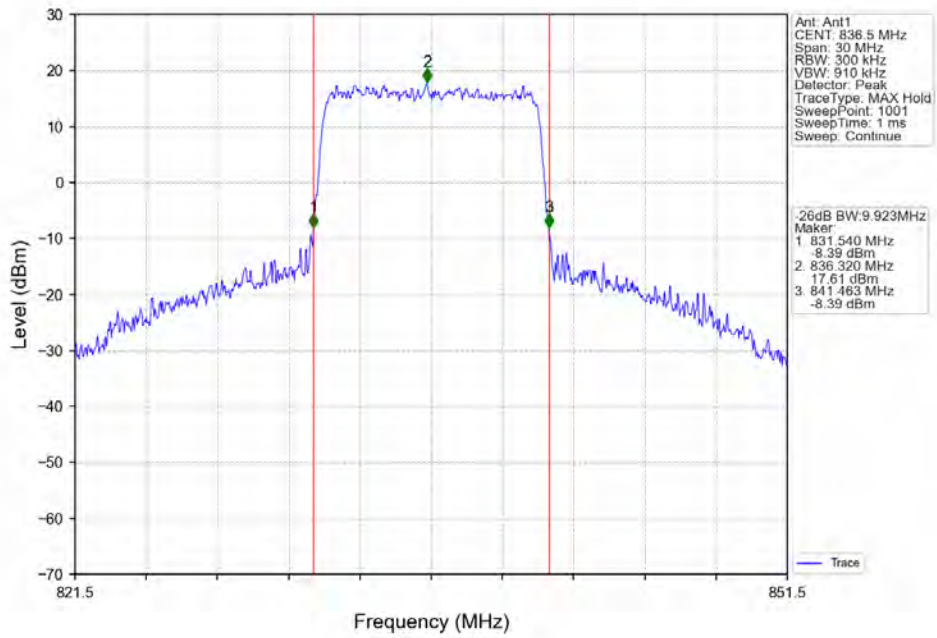
Band26b\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



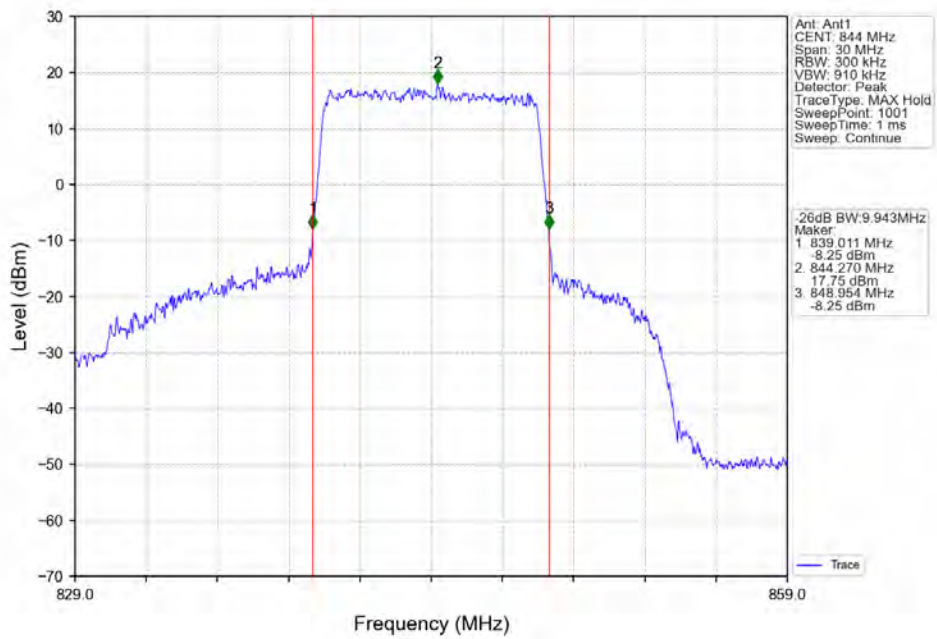
Band26b\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



Band26b\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



Band26b\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV



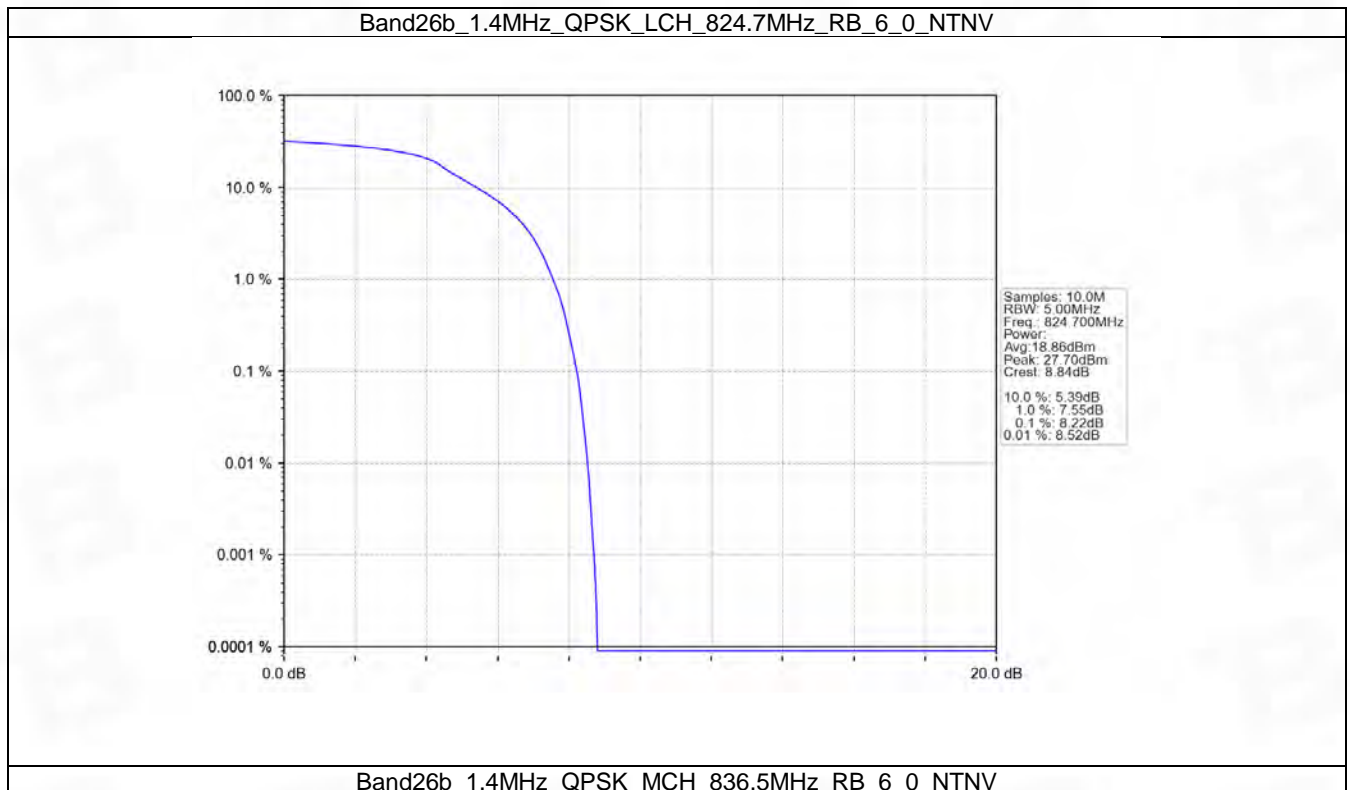
## 5. Peak-Average Ratio

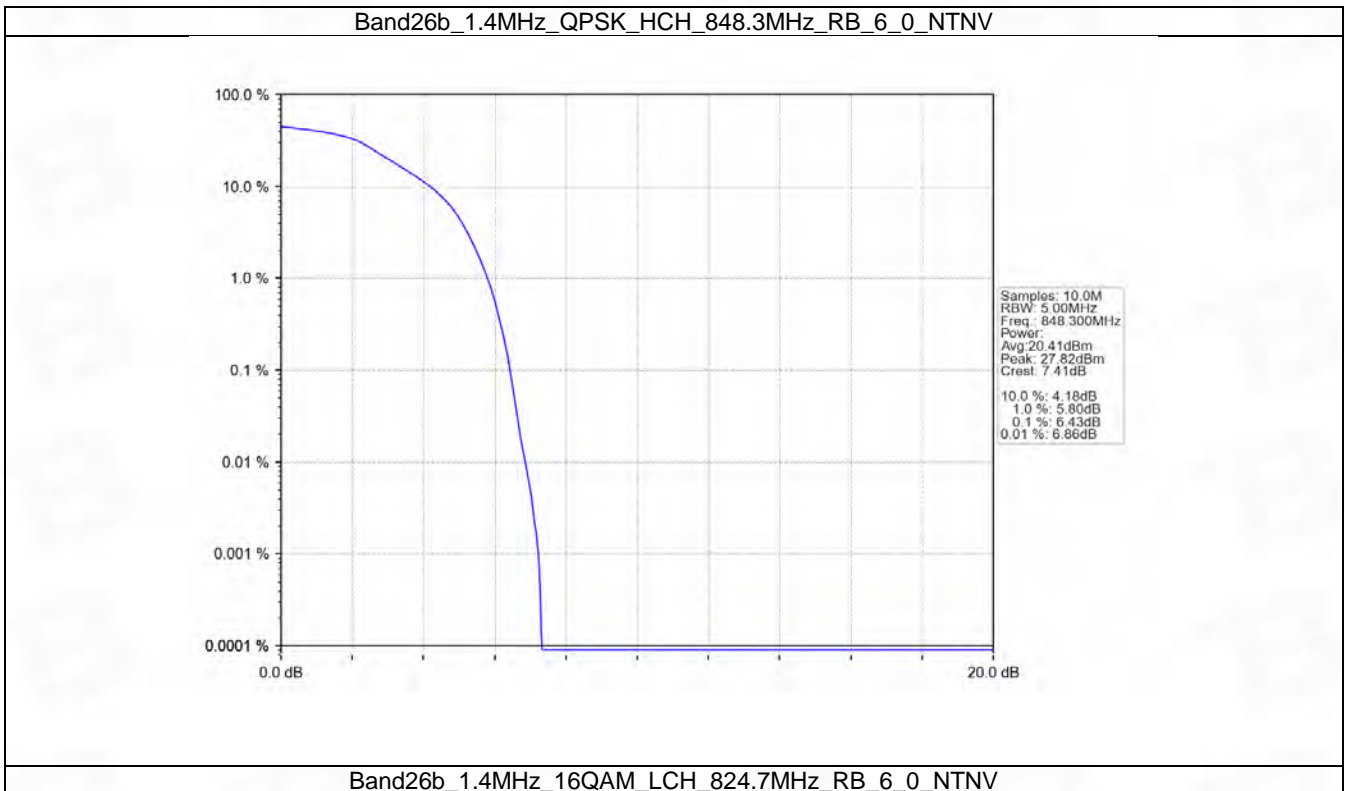
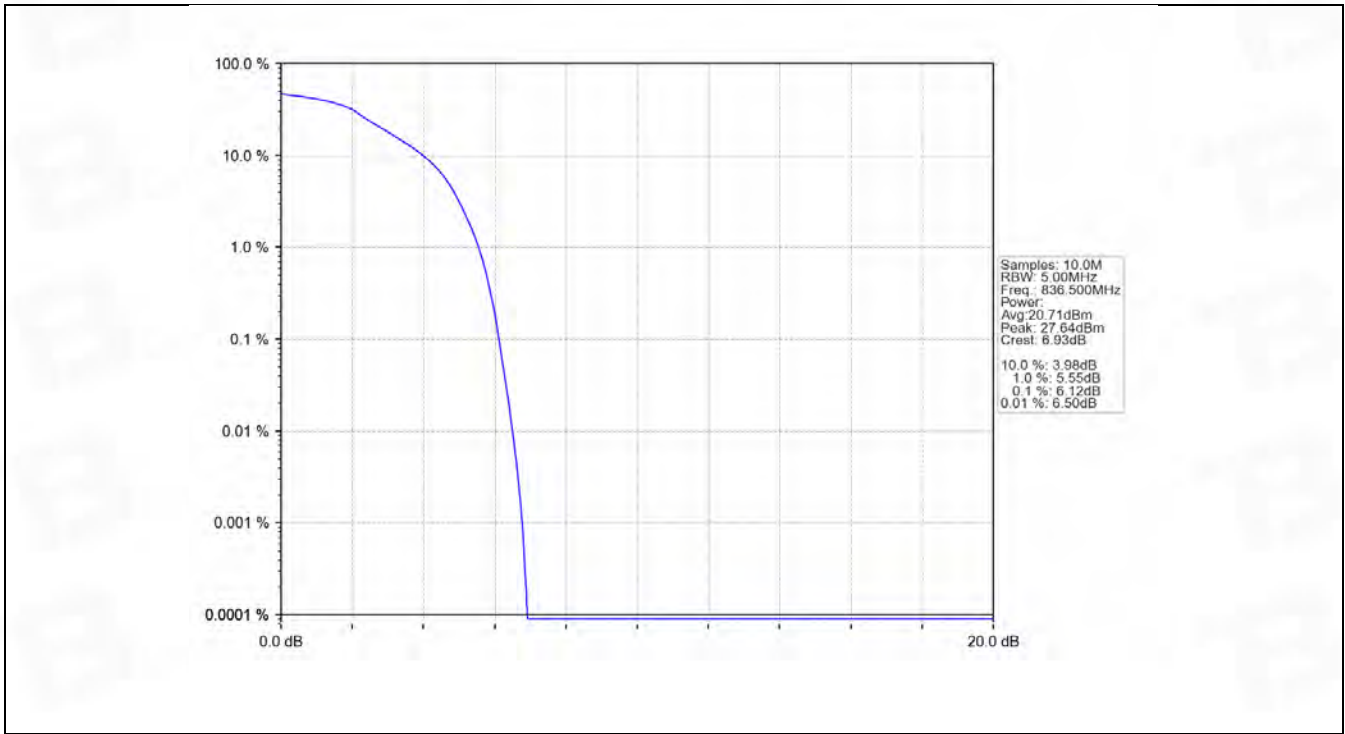
### 5.1 B26b\_1.4MHz

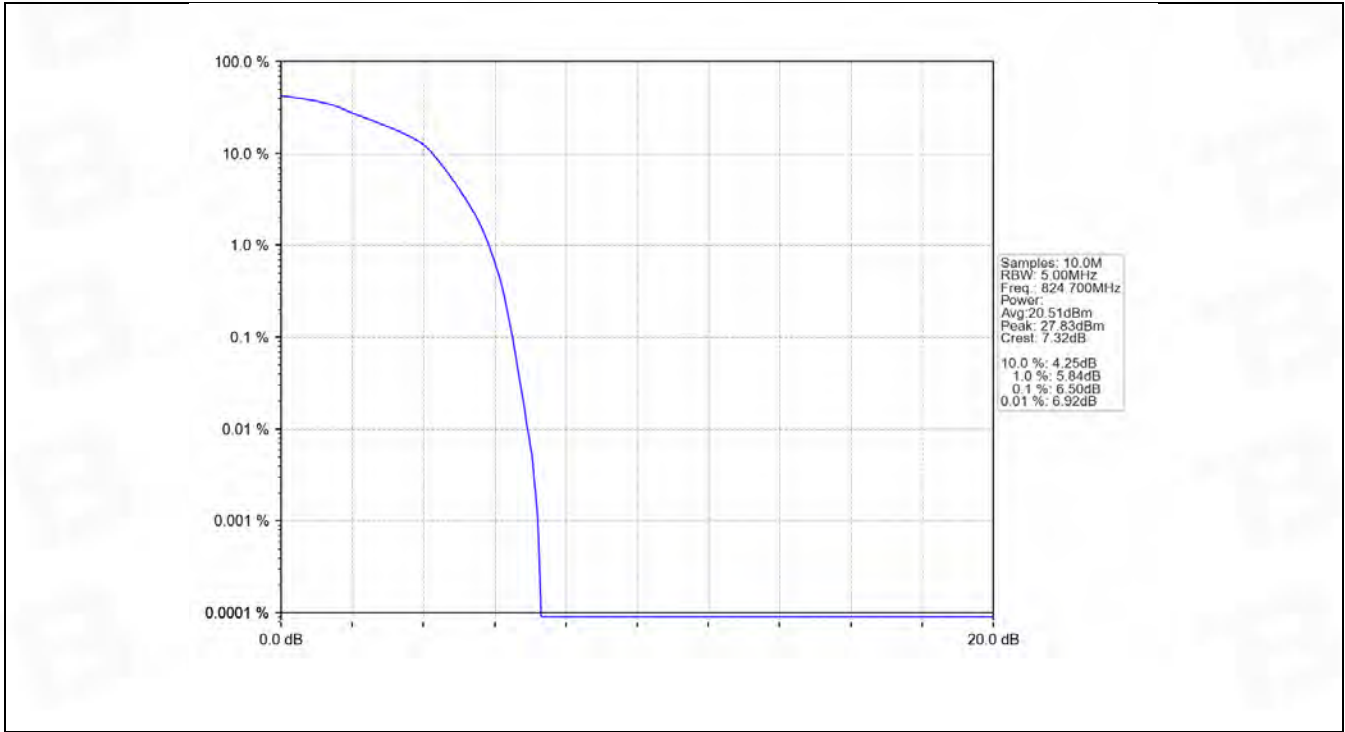
#### 5.1.1 Test Result

Band: 26b / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	8.22	<=13	Pass
	836.5	6	0	6.12	<=13	Pass
	848.3	6	0	6.43	<=13	Pass
16QAM	824.7	6	0	6.50	<=13	Pass
	836.5	6	0	6.17	<=13	Pass
	848.3	6	0	7.76	<=13	Pass

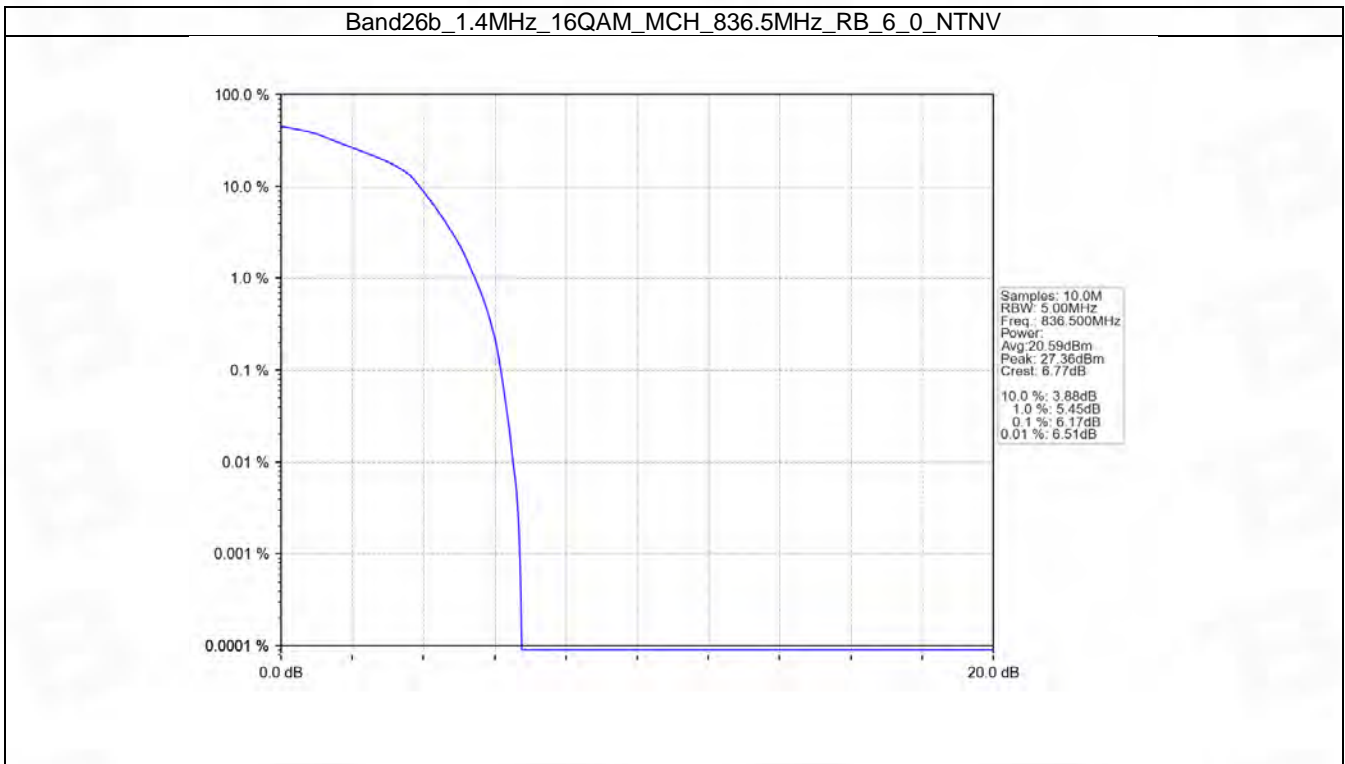
#### 5.1.2 Test Graph



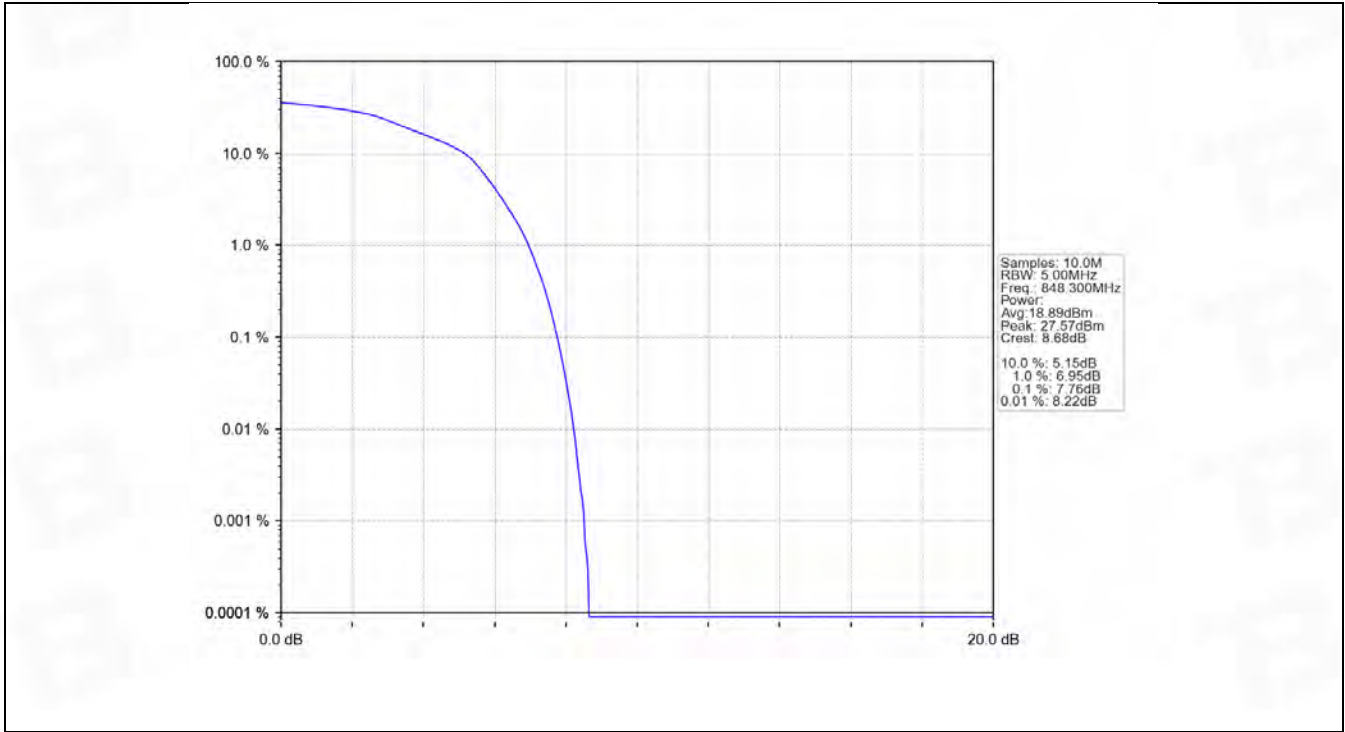




Band26b\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



Band26b\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



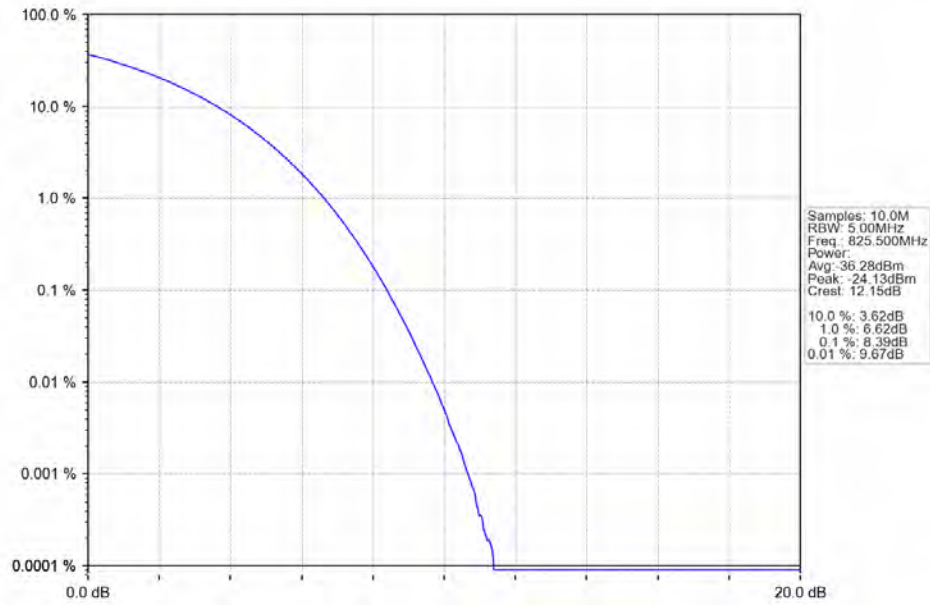
## 5.2 B26b\_3MHz

### 5.2.1 Test Result

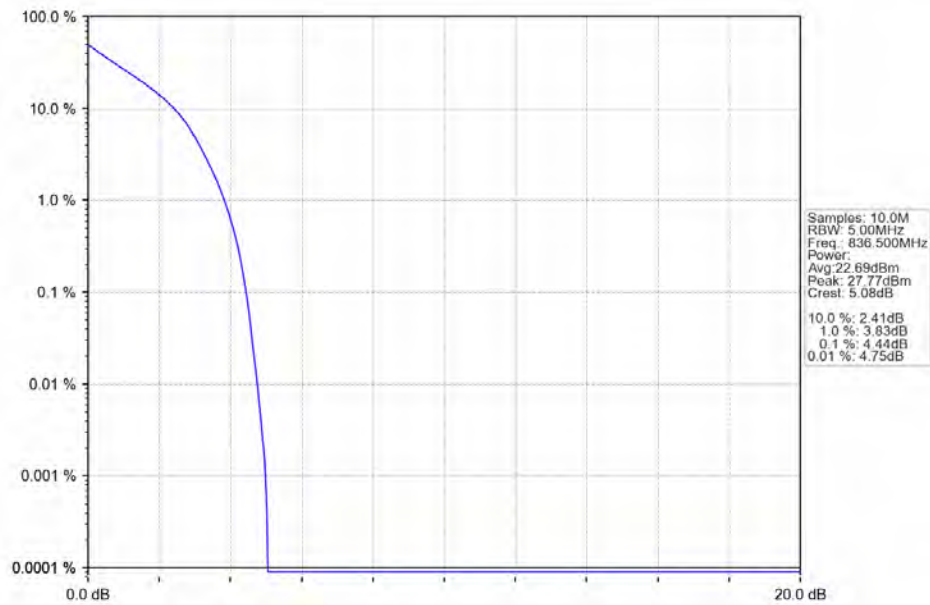
Band: 26b / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	8.39	<=13	Pass
	836.5	15	0	4.44	<=13	Pass
	847.5	15	0	4.45	<=13	Pass
16QAM	825.5	15	0	6.86	<=13	Pass
	836.5	15	0	5.27	<=13	Pass
	847.5	15	0	5.24	<=13	Pass

### 5.2.2 Test Graph

Band26b\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTV

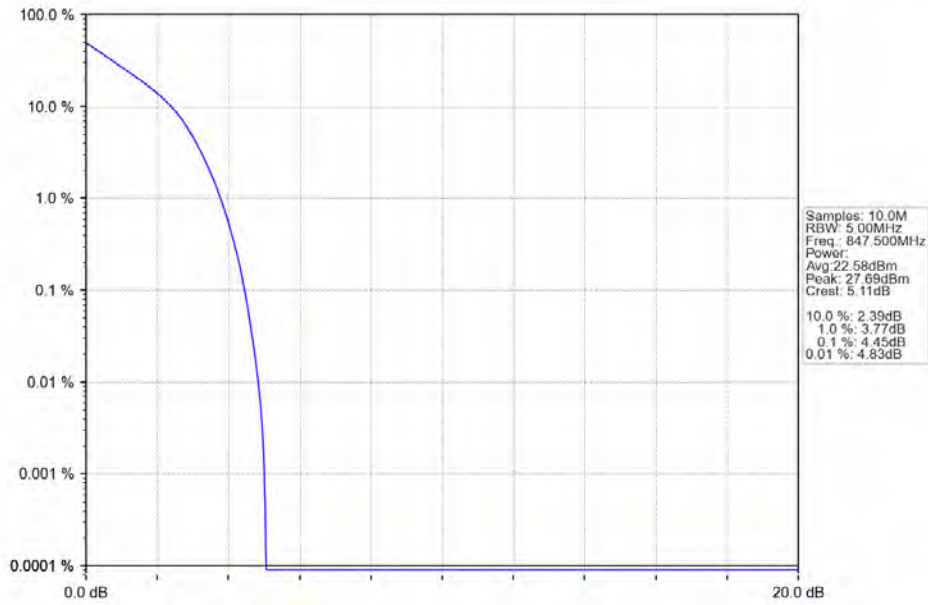


Band26b\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV

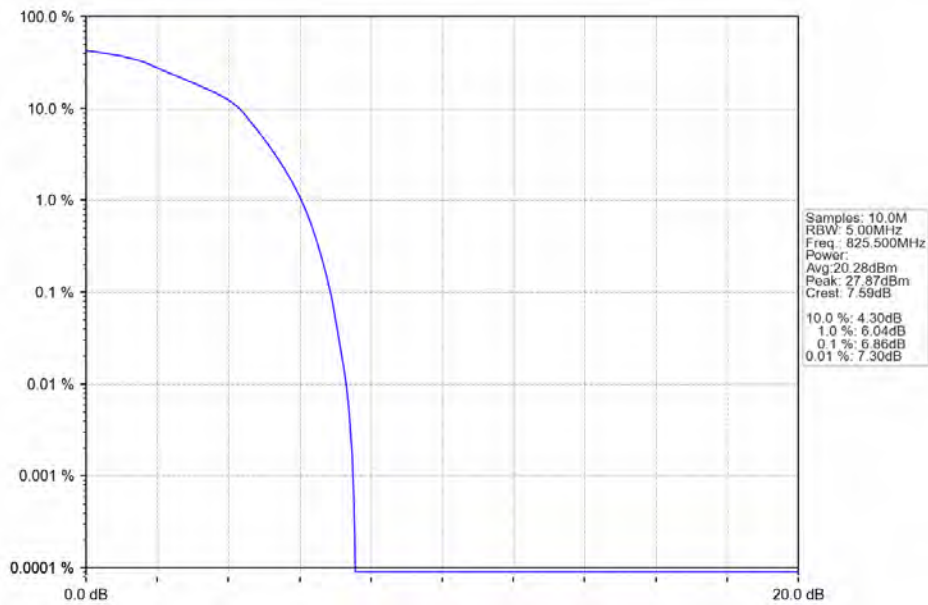


Band26b\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV

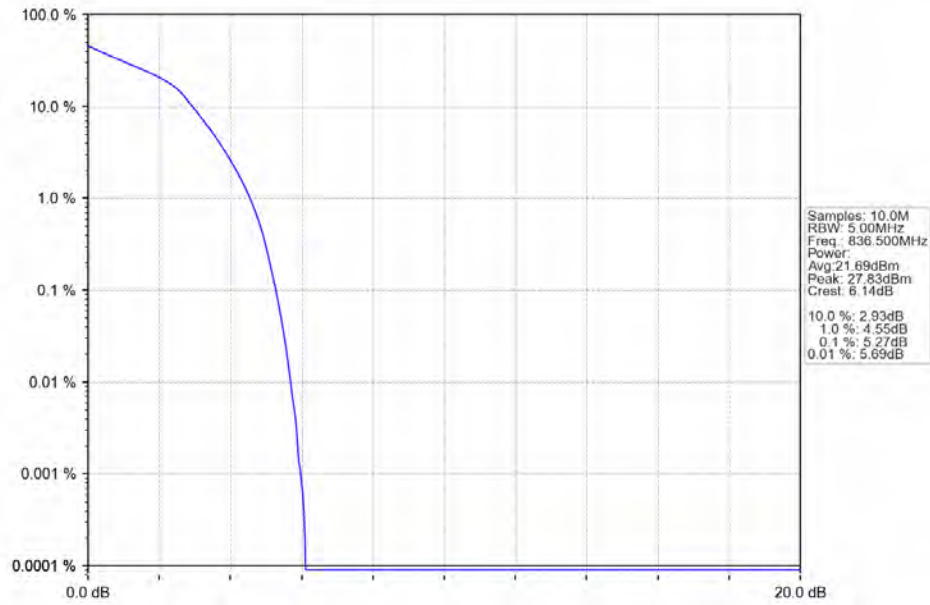




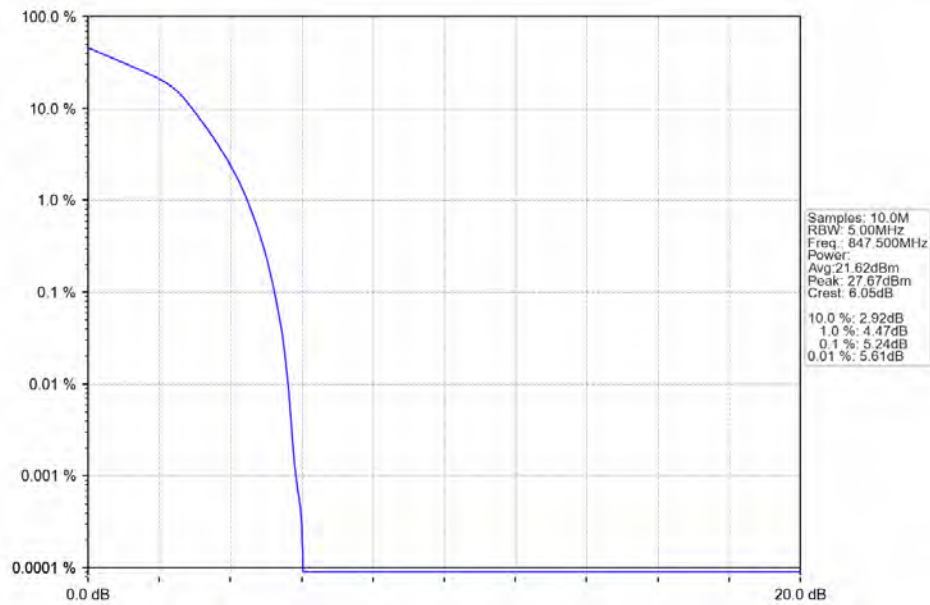
Band26b\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



Band26b\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



Band26b\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV

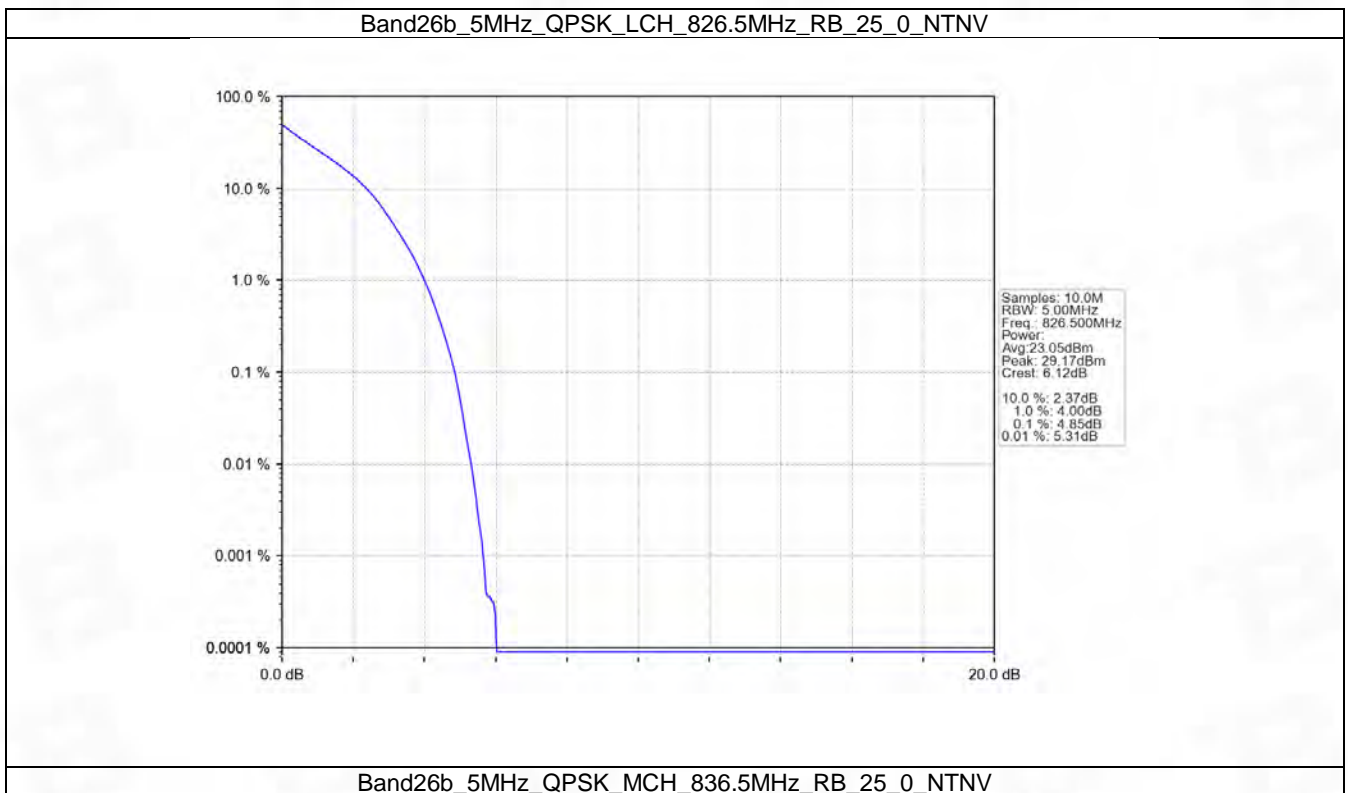


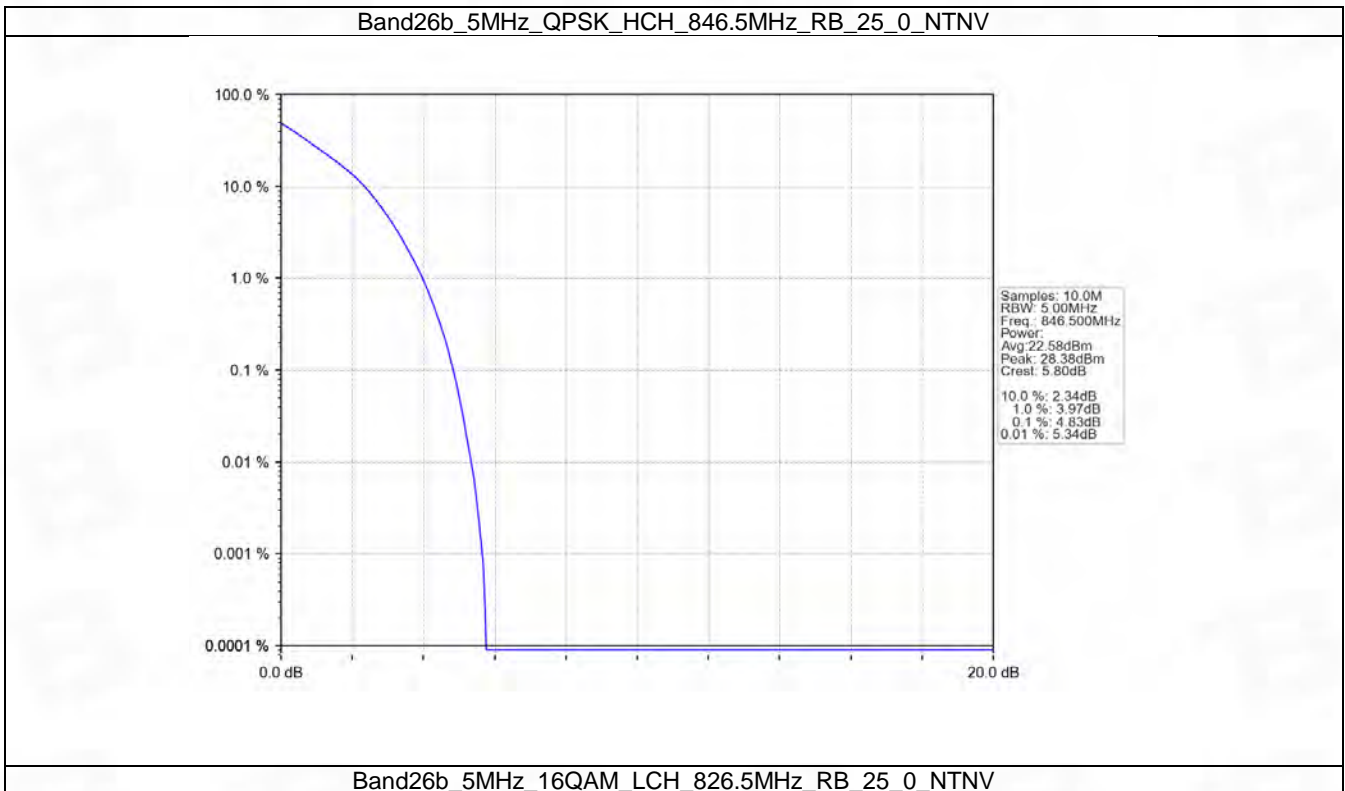
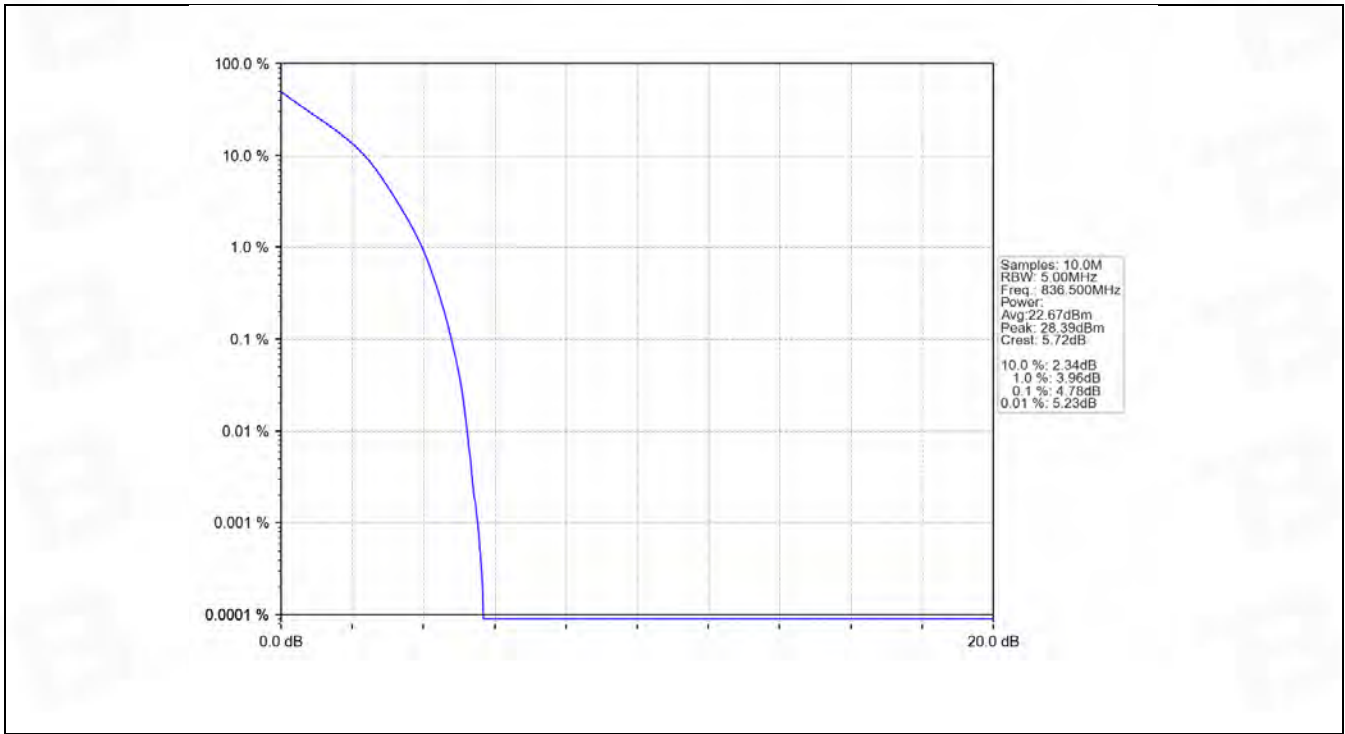
### 5.3 B26b\_5MHz

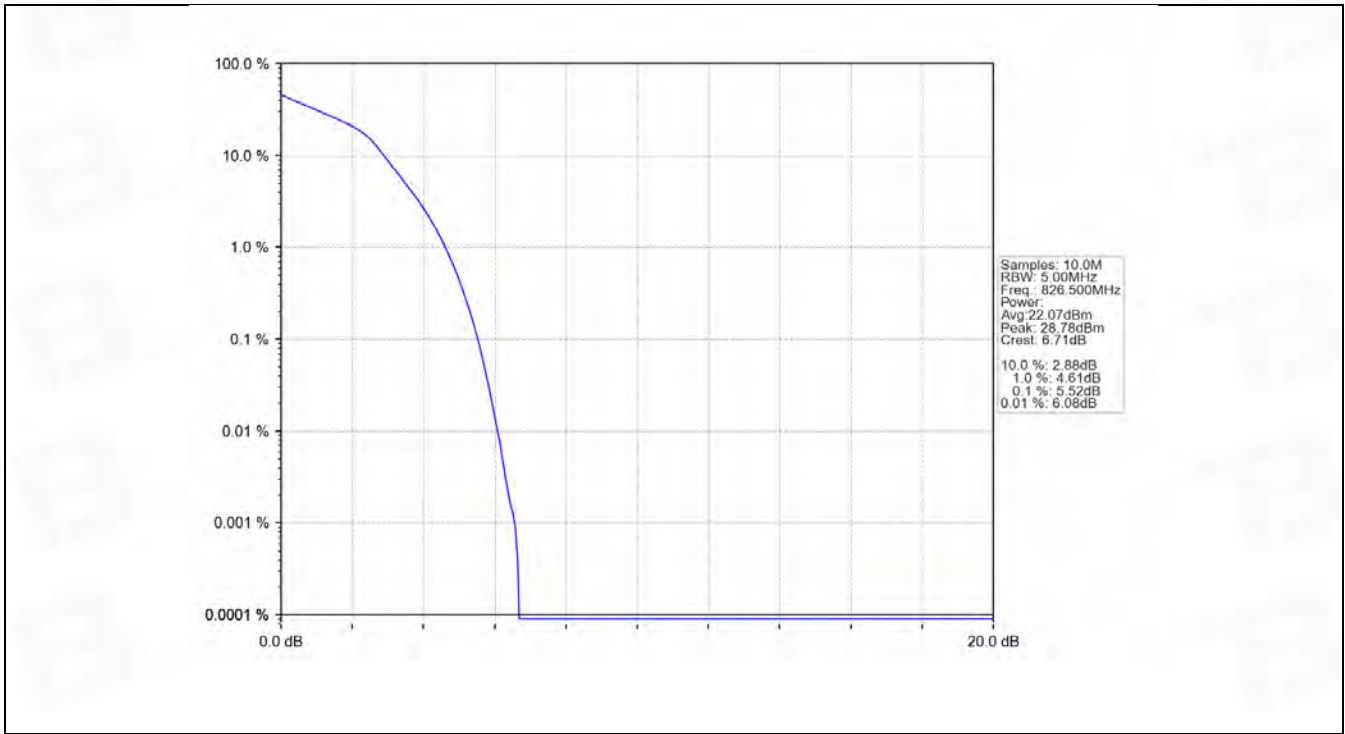
#### 5.3.1 Test Result

Band: 26b / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	4.85	<=13	Pass
	836.5	25	0	4.78	<=13	Pass
	846.5	25	0	4.83	<=13	Pass
16QAM	826.5	25	0	5.52	<=13	Pass
	836.5	25	0	5.51	<=13	Pass
	846.5	25	0	5.54	<=13	Pass

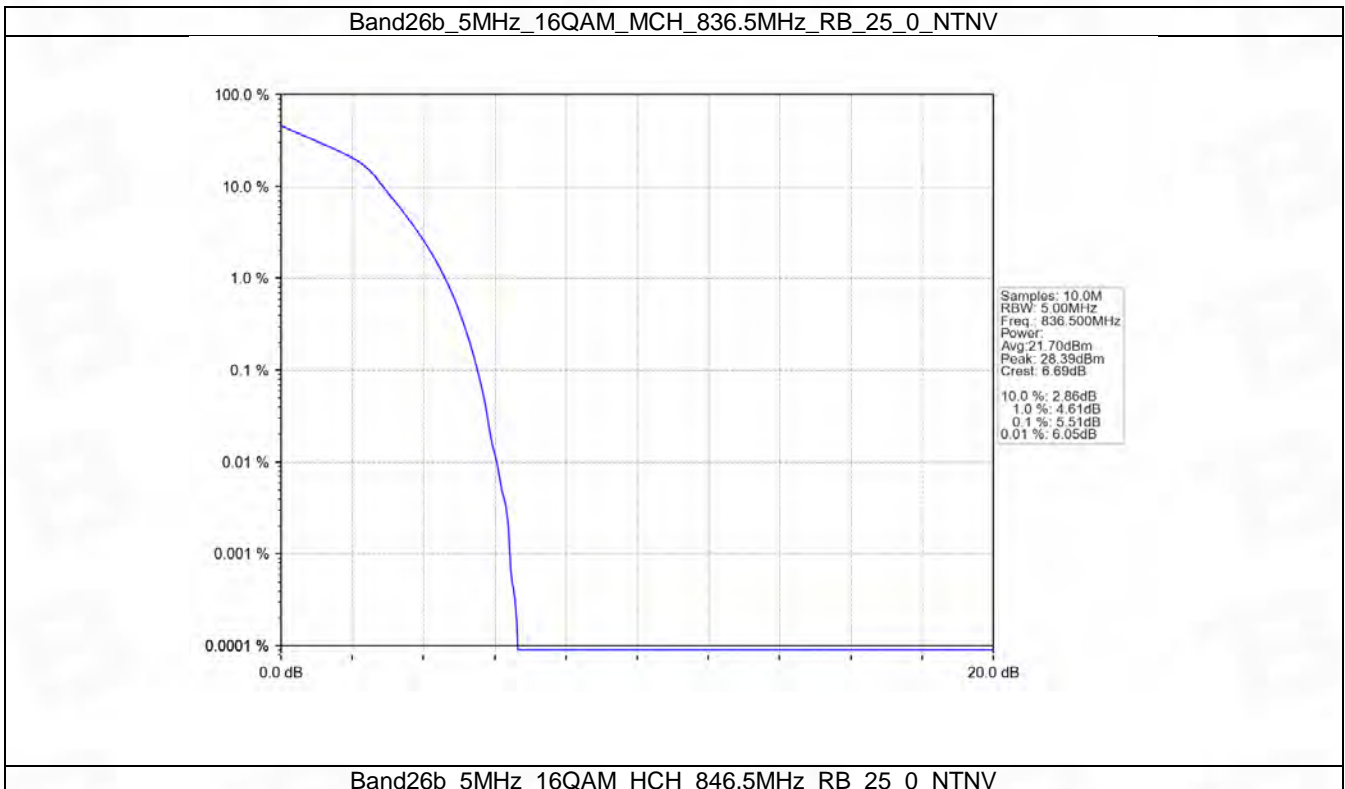
#### 5.3.2 Test Graph



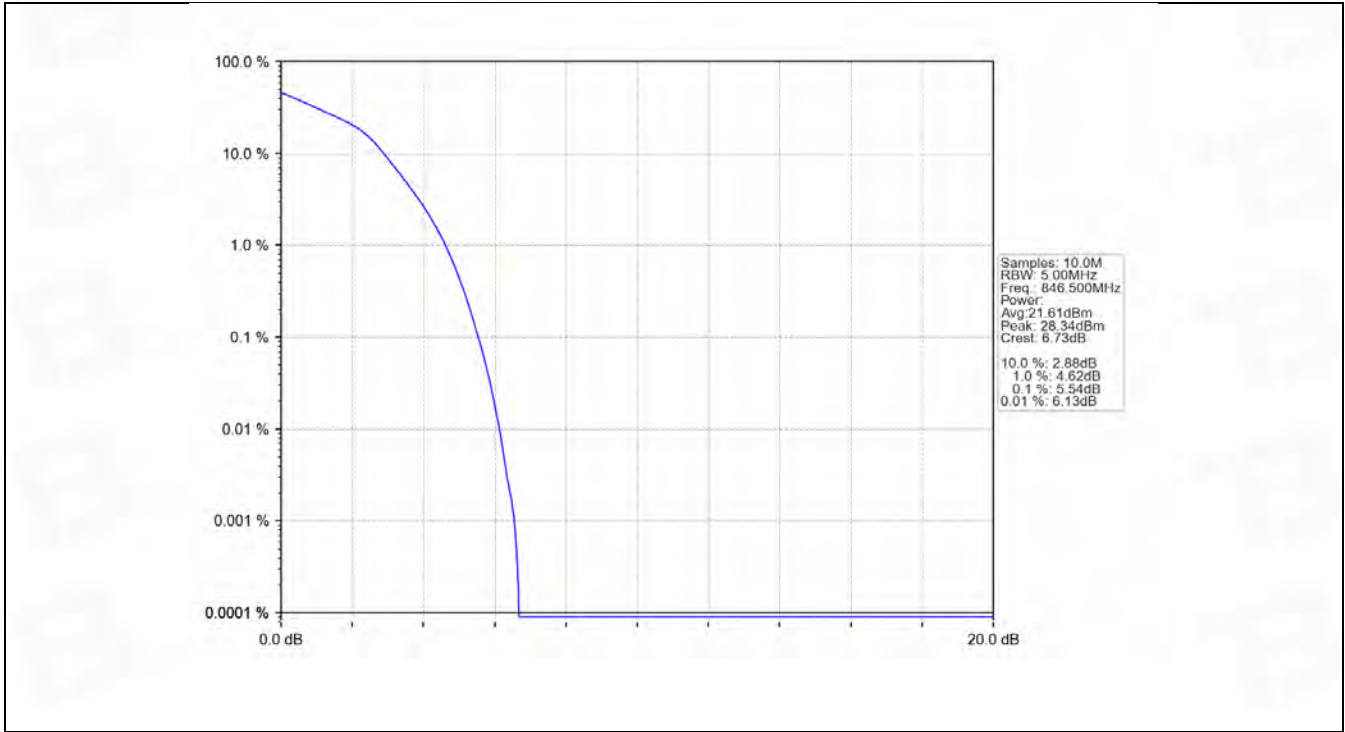




Band26b\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



Band26b\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



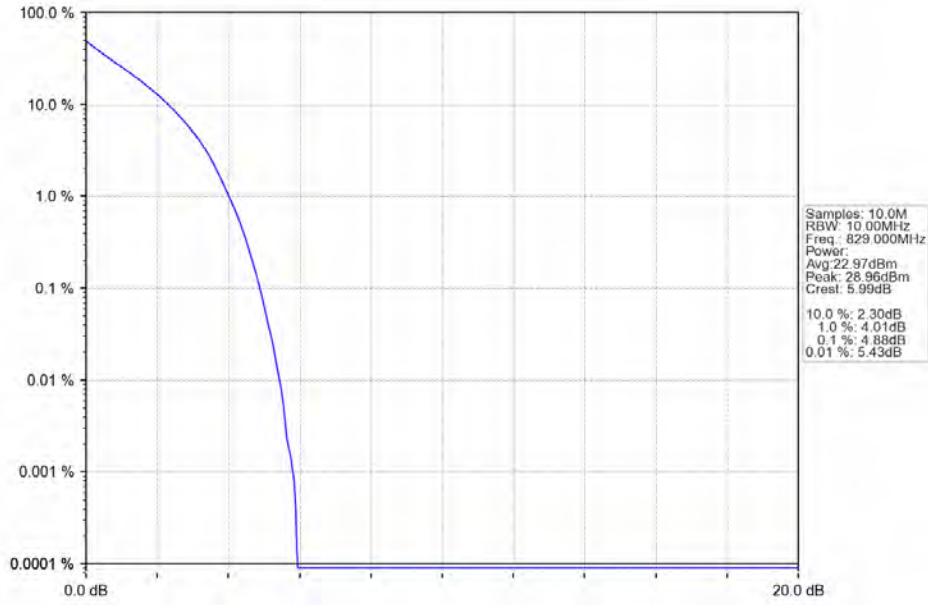
## 5.4 B26b\_10MHz

### 5.4.1 Test Result

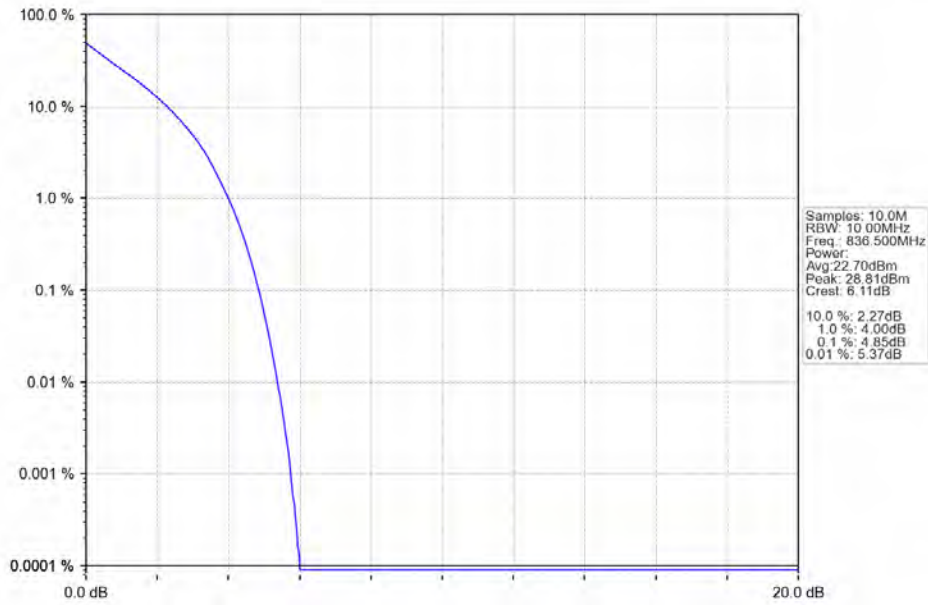
Band: 26b / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	4.88	<=13	Pass
	836.5	50	0	4.85	<=13	Pass
	844	50	0	4.89	<=13	Pass
16QAM	829	50	0	5.62	<=13	Pass
	836.5	50	0	5.63	<=13	Pass
	844	50	0	5.68	<=13	Pass

### 5.4.2 Test Graph

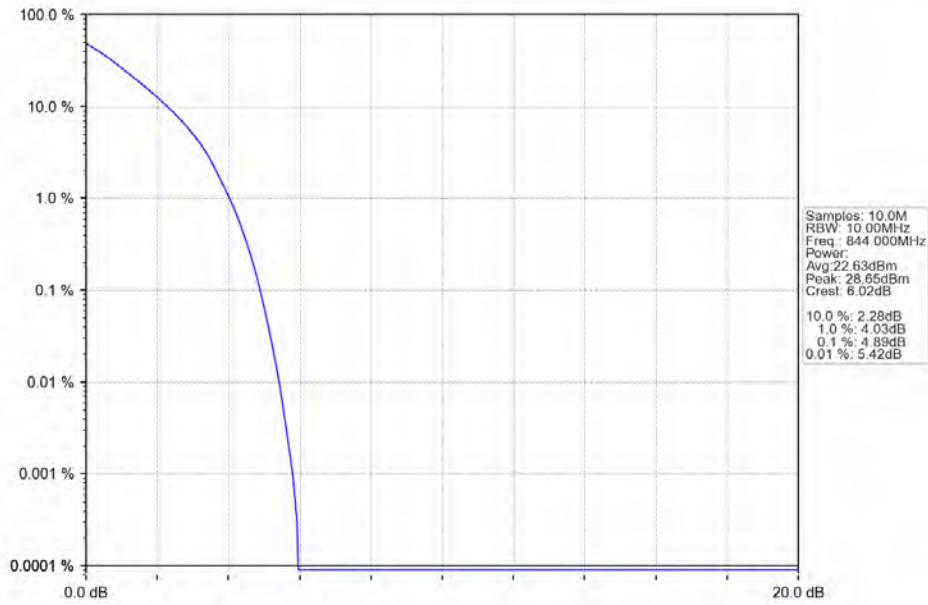
Band26b\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV



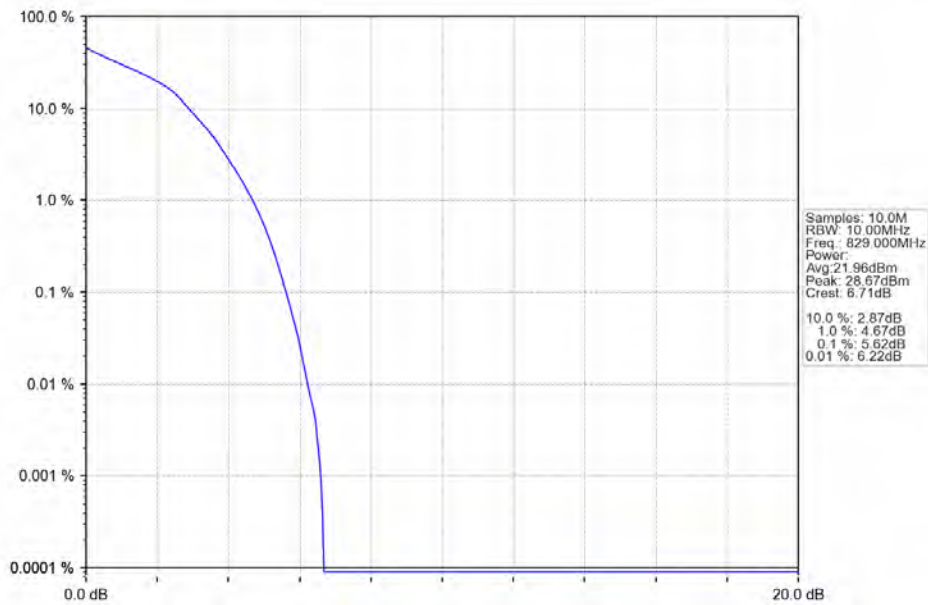
Band26b\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



Band26b\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV

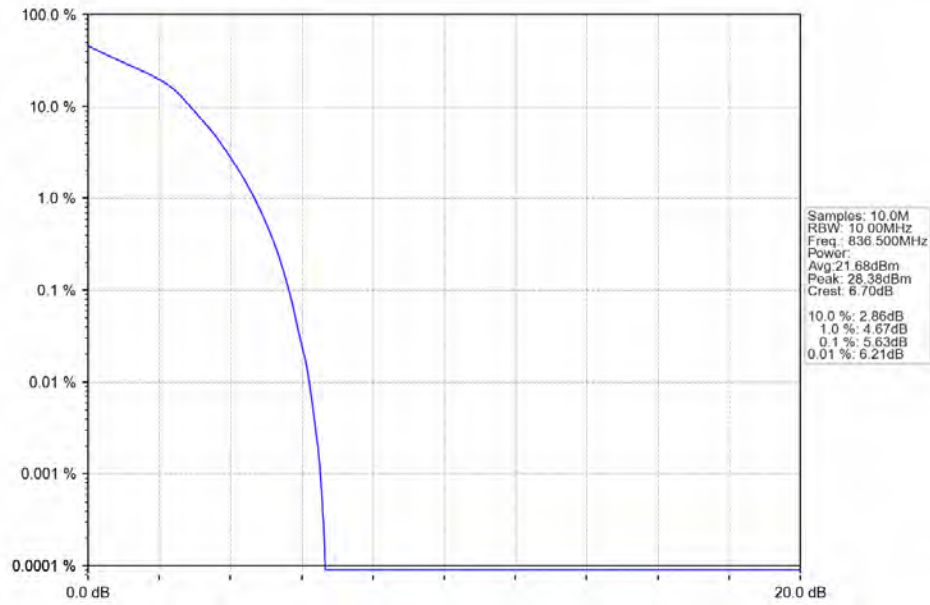


Band26b\_10MHz\_16QAM\_LCH\_844.000MHz\_RB\_50\_0\_NTNV

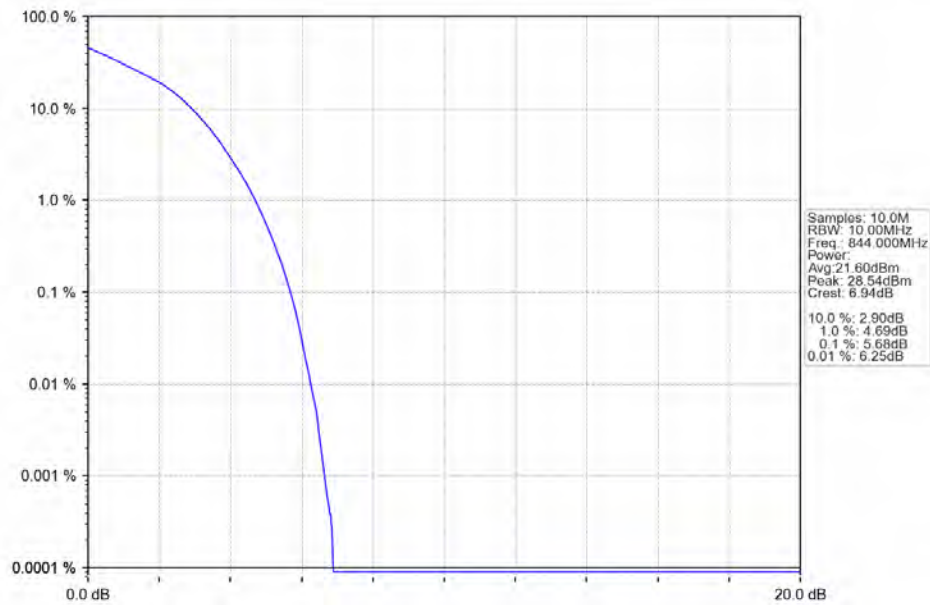


Band26b\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV





Band26b\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV



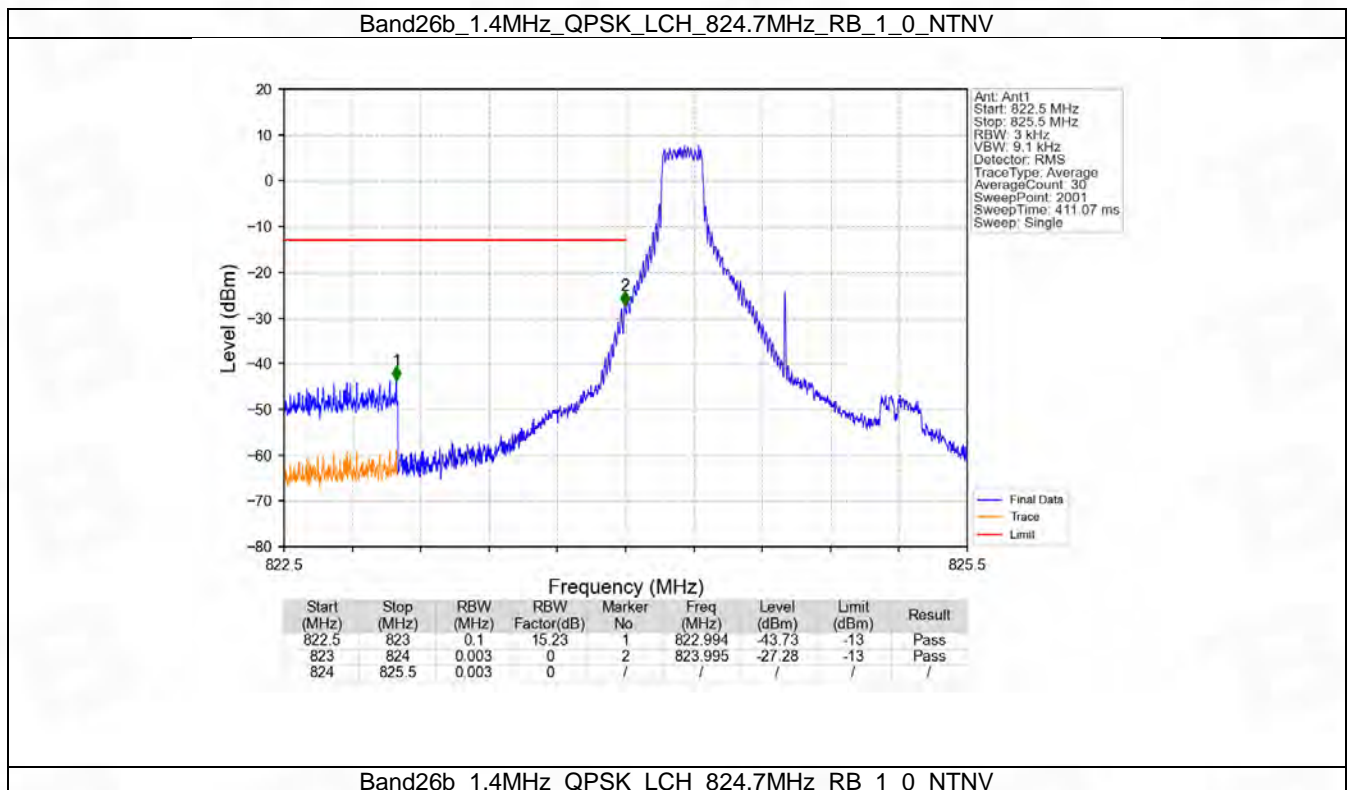
## 6. Spurious Emission

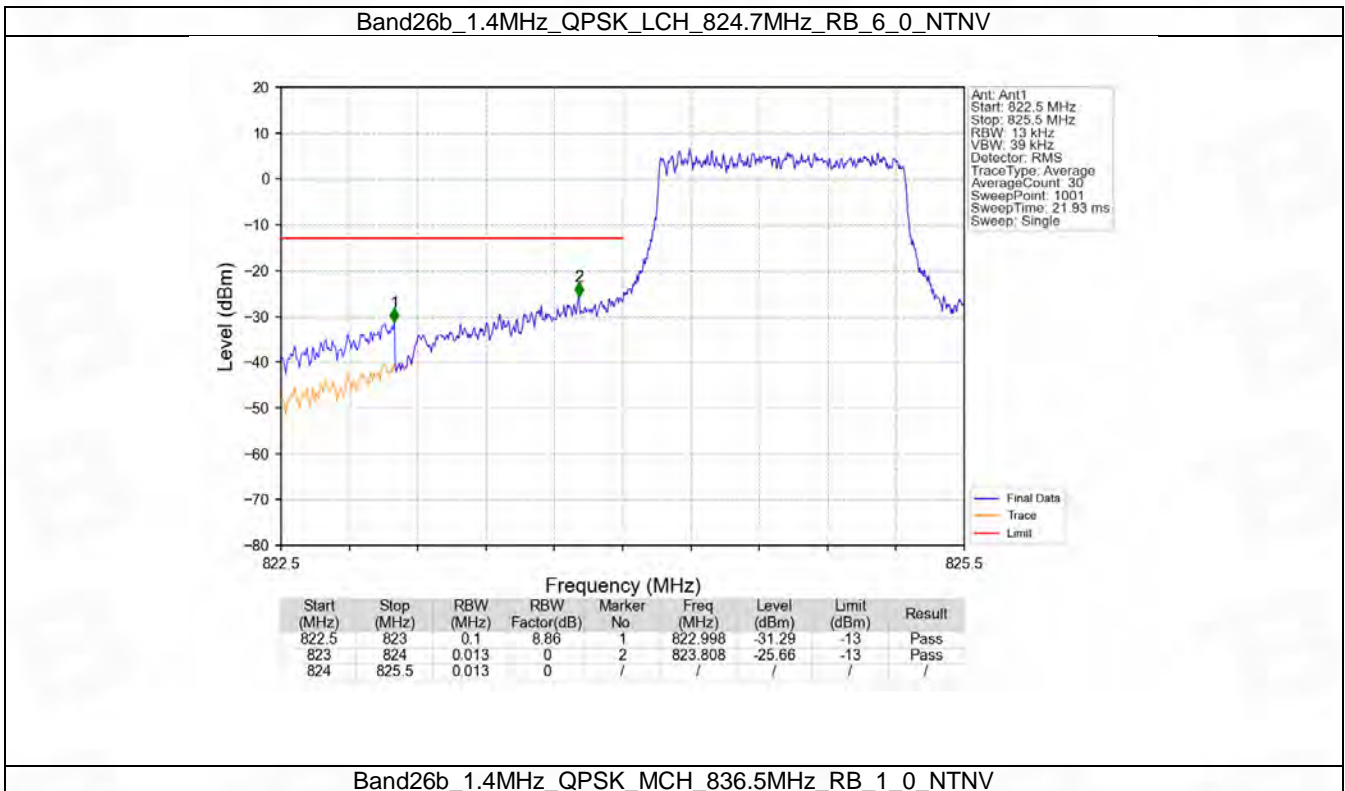
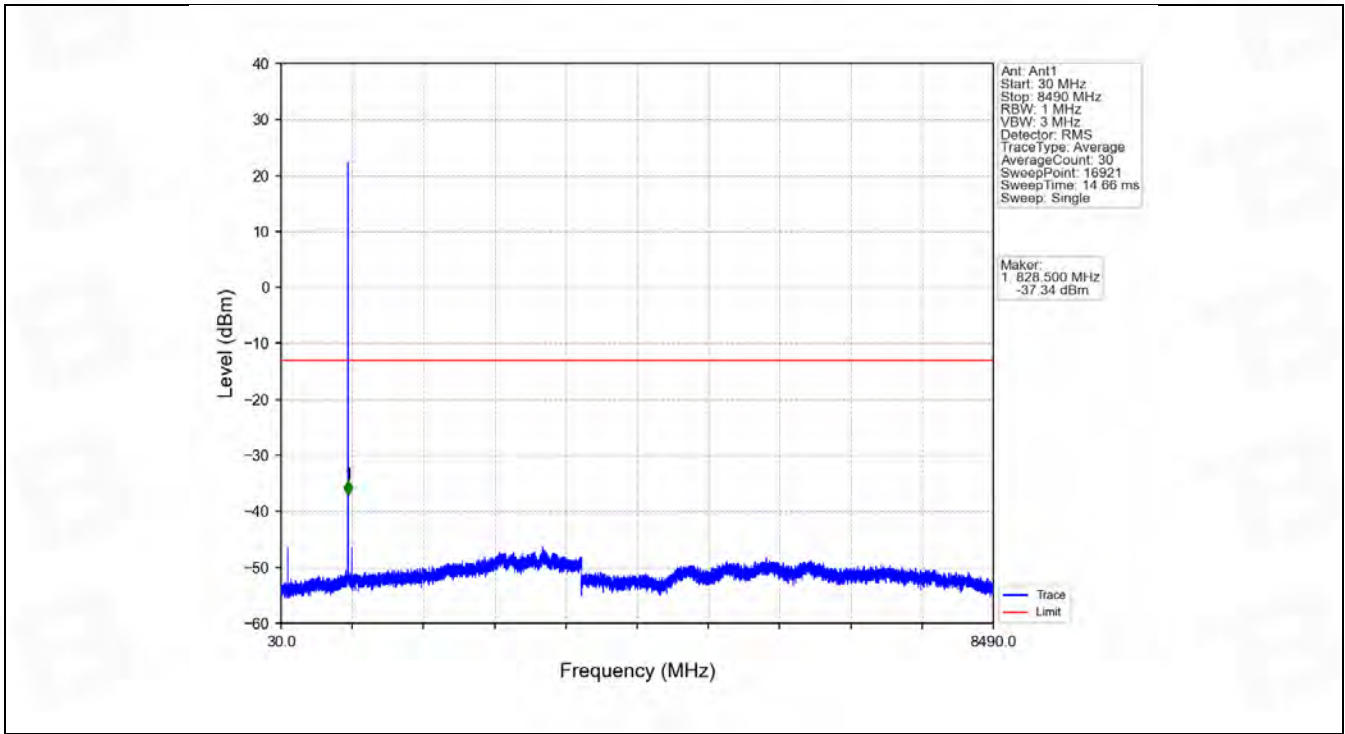
### 6.1 B26b\_1.4MHz

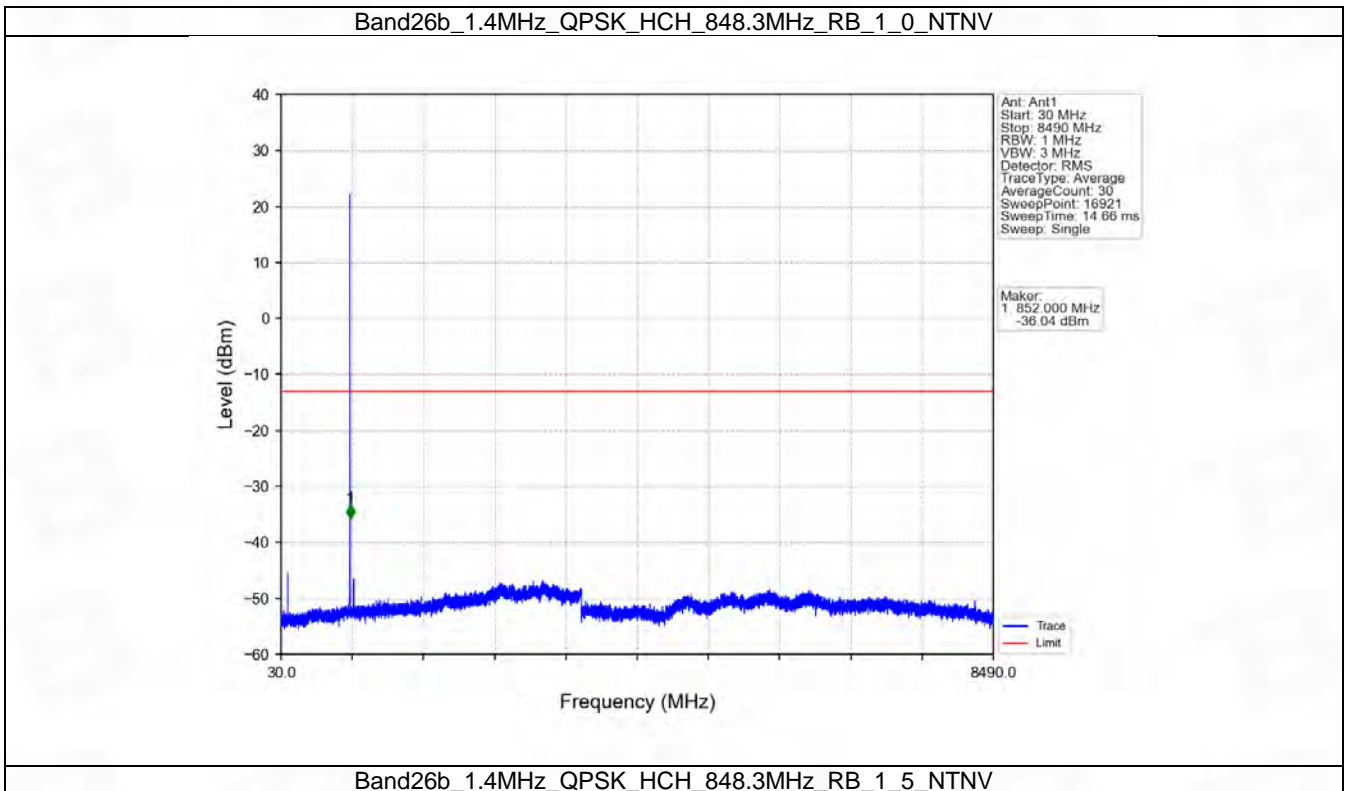
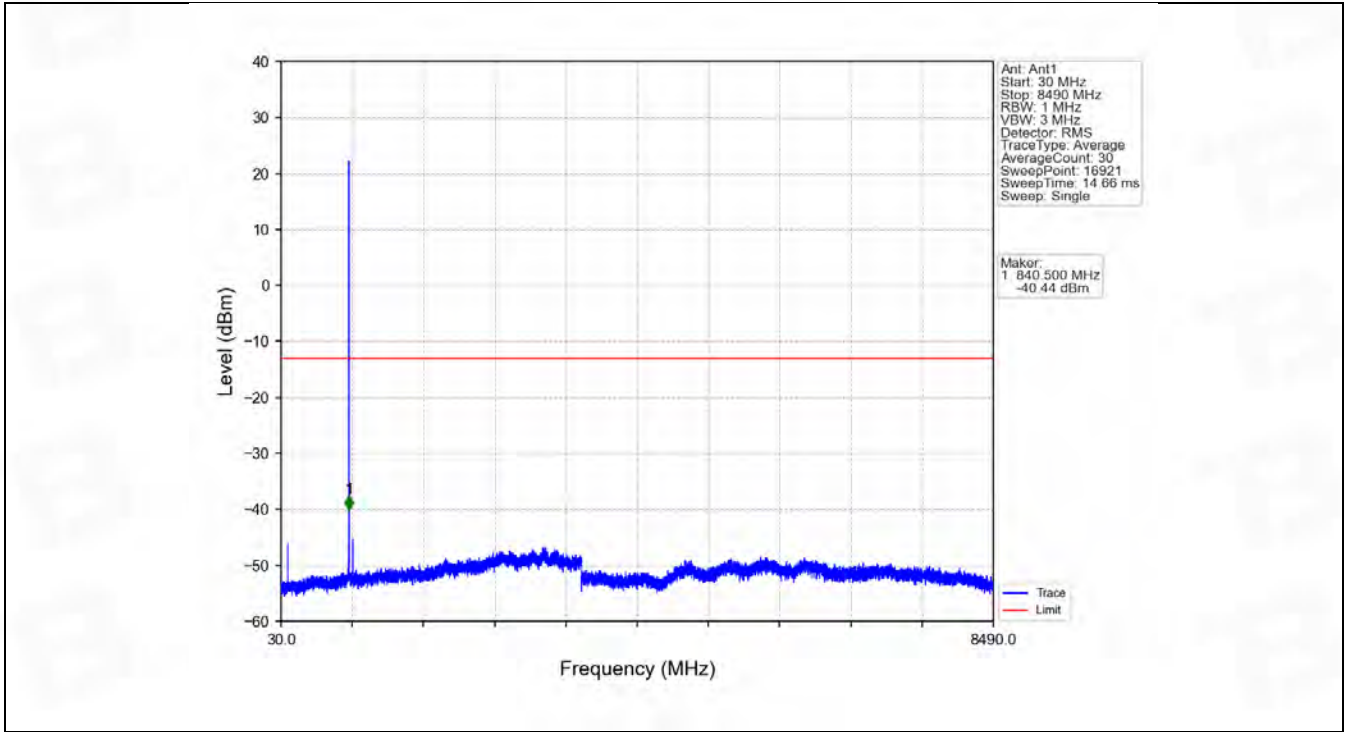
#### 6.1.1 Test Result

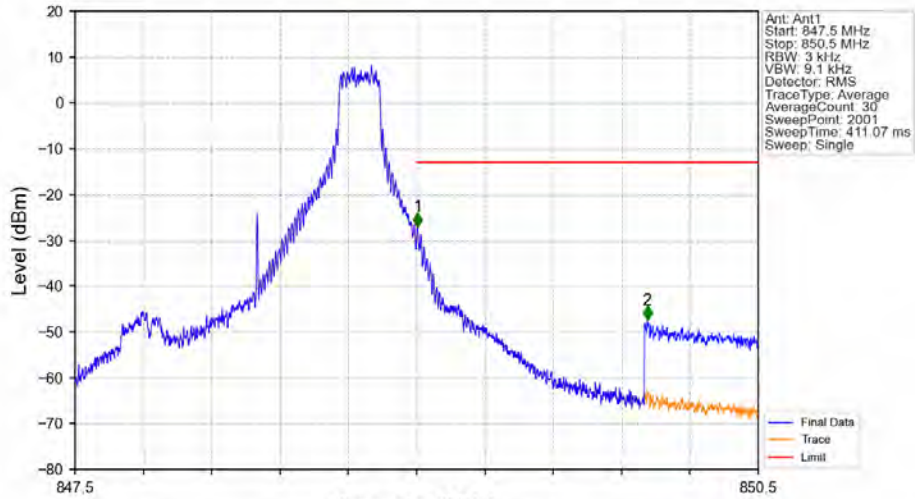
Band: 26b / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		848.3	1	0	Refer To Test Graph	
			6	0	Refer To Test Graph	
	16QAM	824.7	1	0	Refer To Test Graph	
6			0	Refer To Test Graph		Pass
836.5		1	0	Refer To Test Graph		Pass
		848.3	1	0	Refer To Test Graph	
			6	0	Refer To Test Graph	

#### 6.1.2 Test Graph



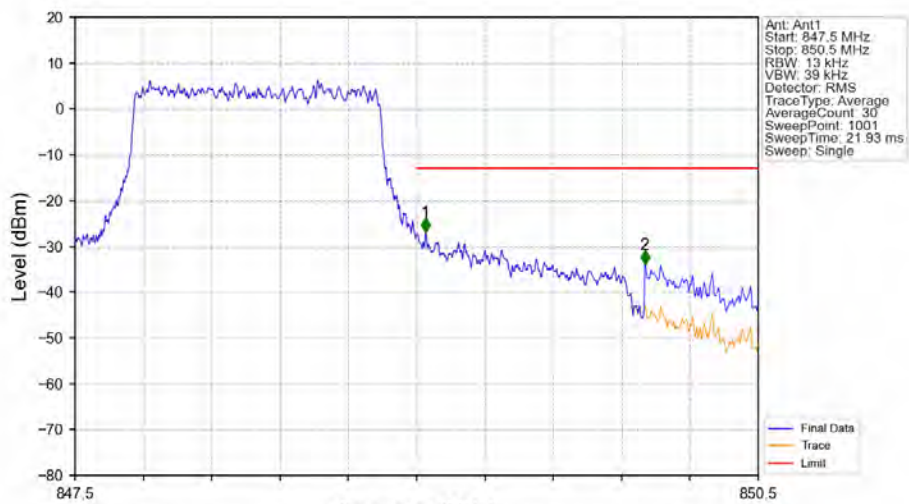






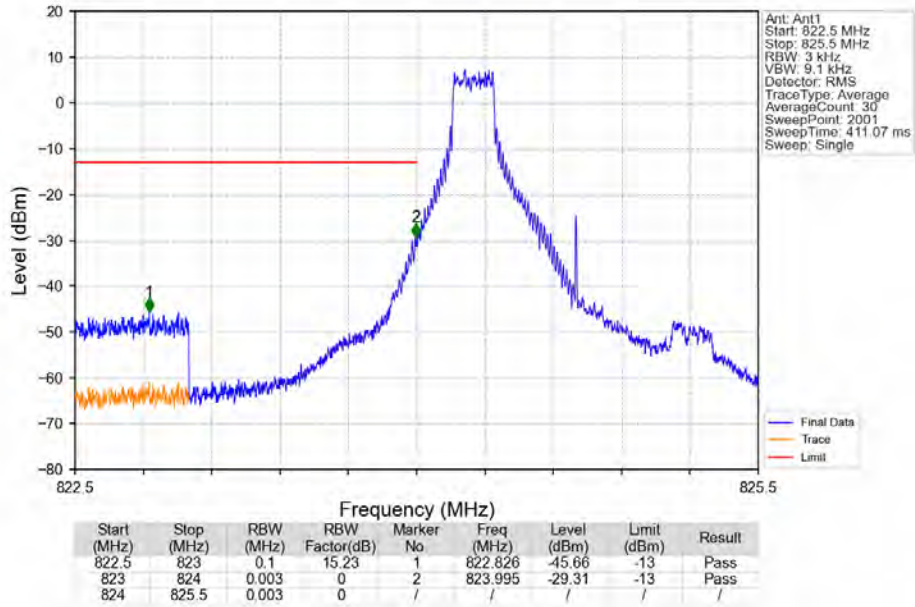
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	0	/	/	/	/	/
849	850	0.003	0	1	849.005	-27.02	-13	Pass
850	850.5	0.1	15.23	2	850.013	-47.42	-13	Pass

Band26b\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV

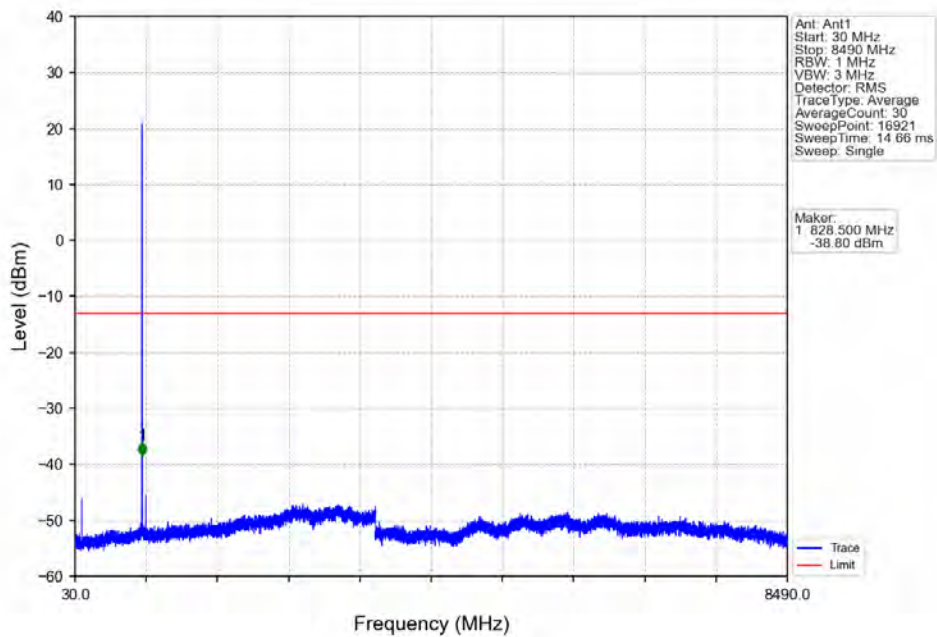


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	0	/	/	/	/	/
849	850	0.013	0	1	849.039	-26.96	-13	Pass
850	850.5	0.1	8.86	2	850.002	-34.03	-13	Pass

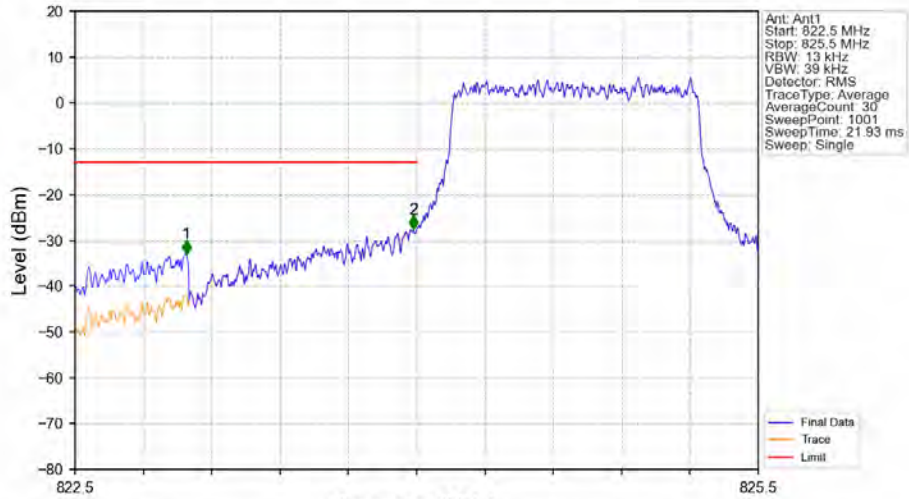
Band26b\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_1\_0\_NTNV



Band26b\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_1\_0\_NTNV



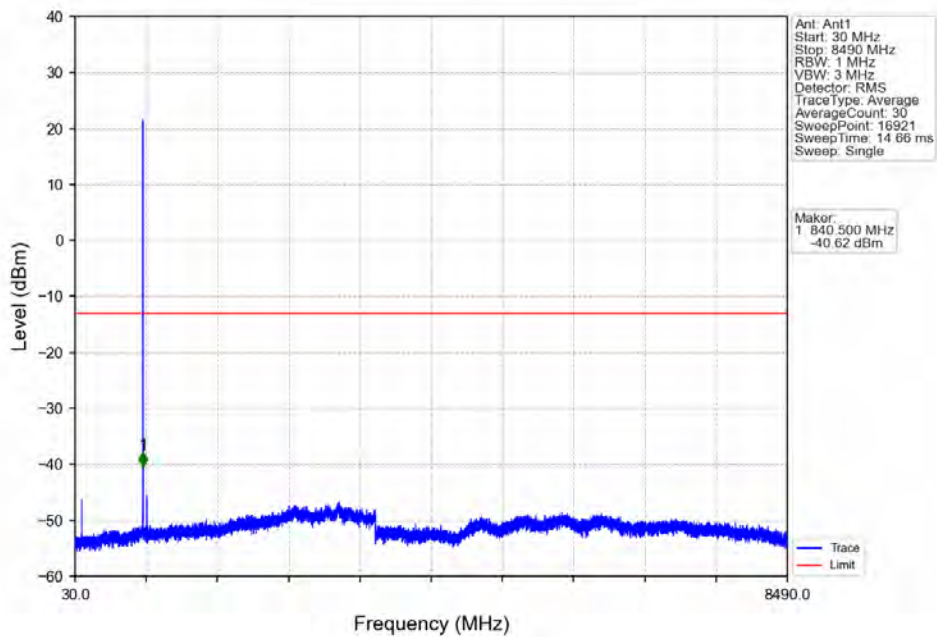
Band26b\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



Ant: Ant1  
 Start: 822.5 MHz  
 Stop: 825.5 MHz  
 RBW: 13 kHz  
 VBW: 39 kHz  
 Detector: RMS  
 Trace Type: Average  
 Average Count: 30  
 Sweep Point: 1001  
 Sweep Time: 21.93 ms  
 Sweep: Single

Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	8.86	1	822.989	-33.01	-13	Pass
823	824	0.013	0	2	823.985	-27.57	-13	Pass
824	825.5	0.013	0	/	/	/	/	/

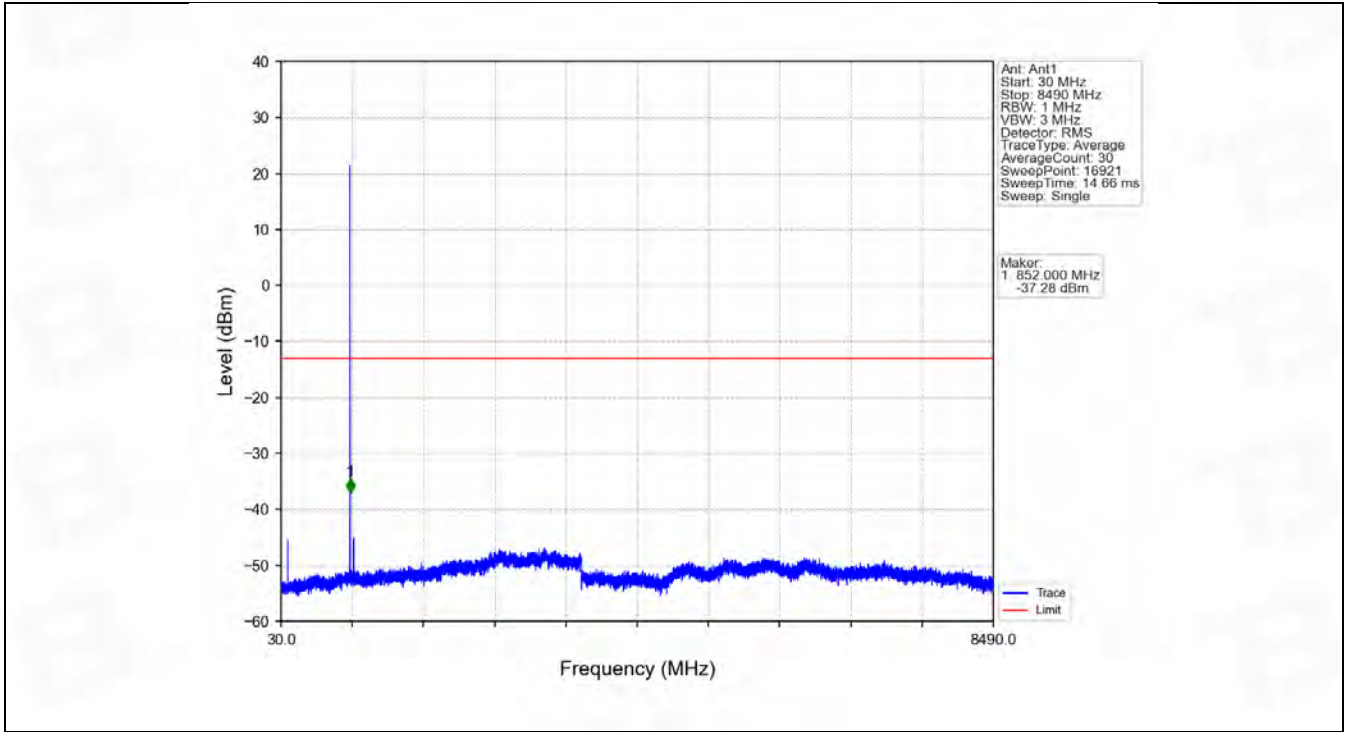
Band26b\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



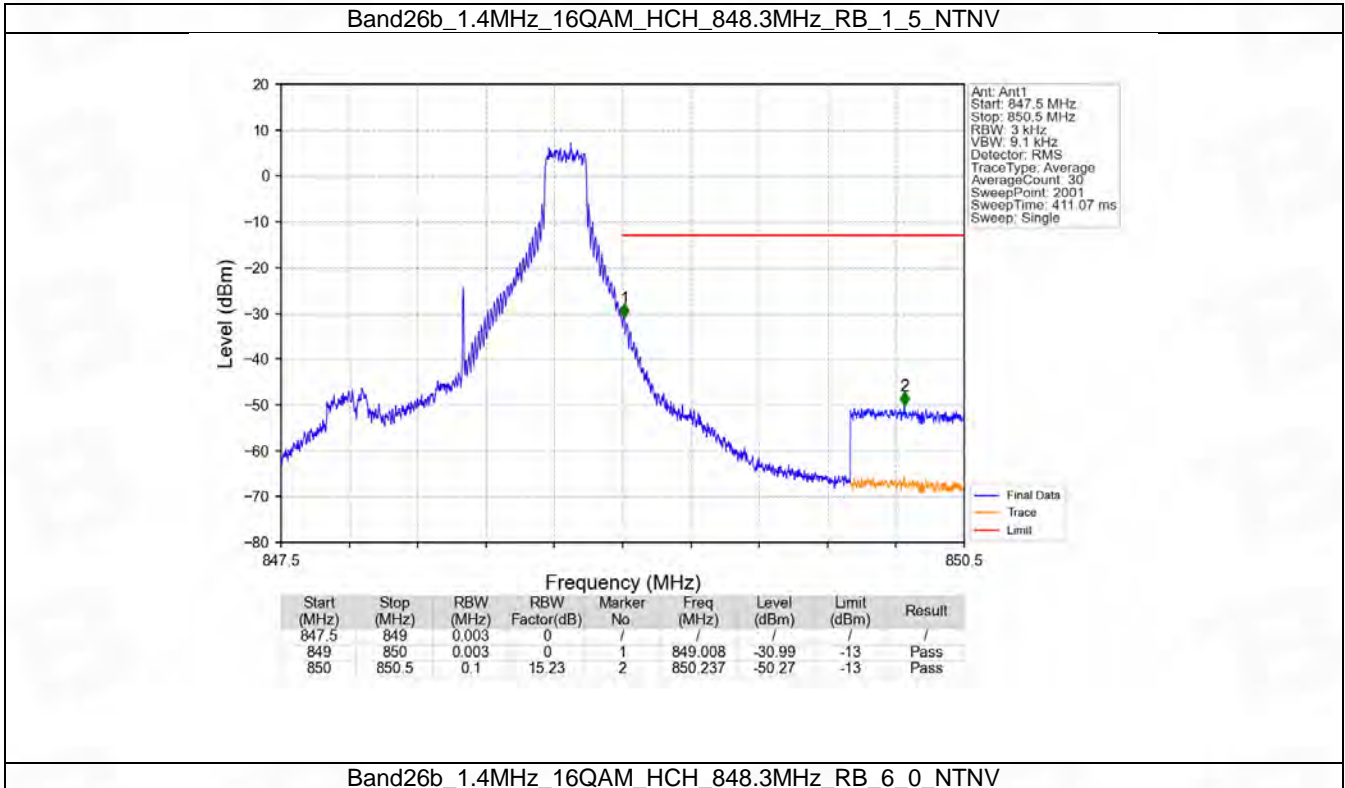
Ant: Ant1  
 Start: 30 MHz  
 Stop: 8490 MHz  
 RBW: 1 MHz  
 VBW: 3 MHz  
 Detector: RMS  
 Trace Type: Average  
 Average Count: 30  
 Sweep Point: 16921  
 Sweep Time: 14.66 ms  
 Sweep: Single

Marker:  
 1 840.500 MHz  
 -40.62 dBm

Band26b\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_1\_0\_NTNV

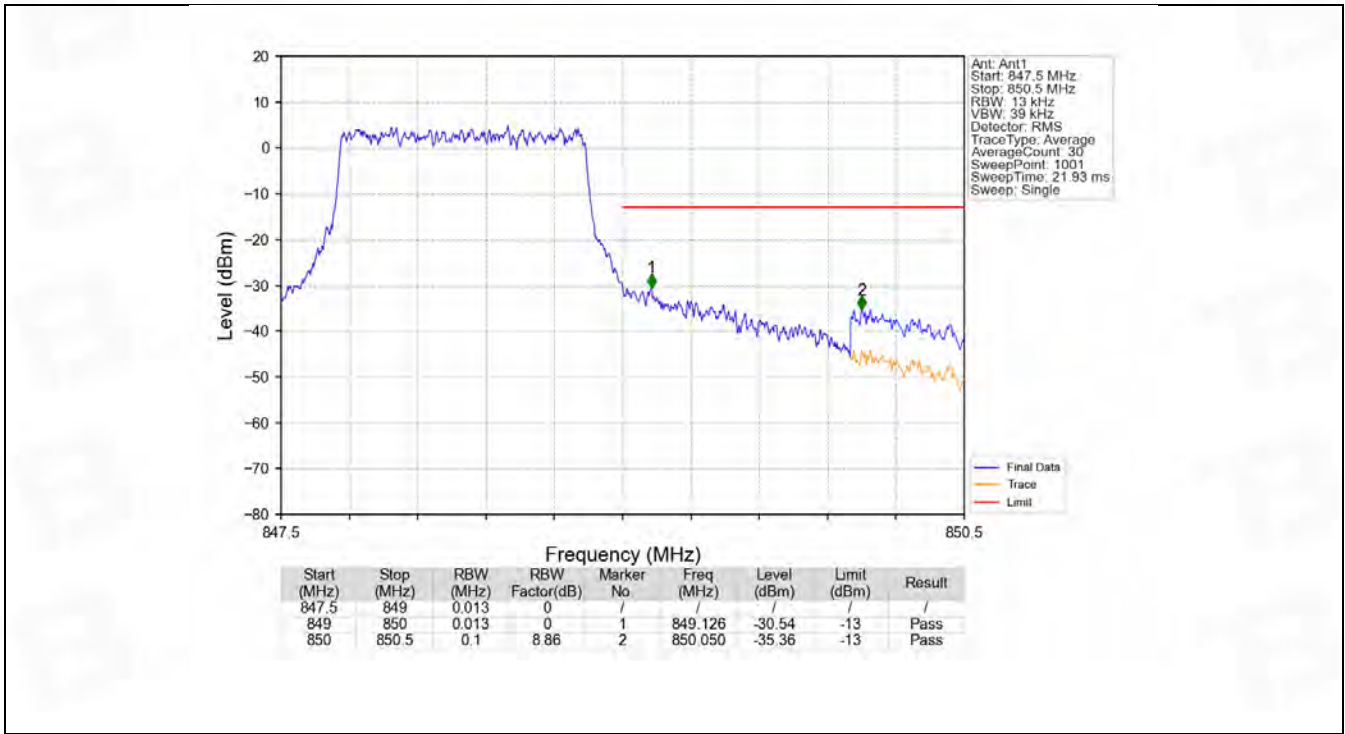


Band26b\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_1\_5\_NTNV



Band26b\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV





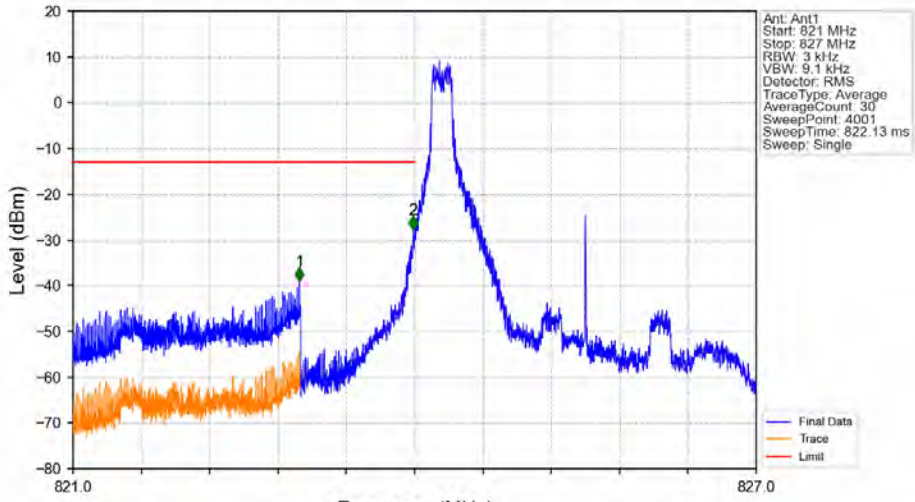
## 6.2 B26b\_3MHz

### 6.2.1 Test Result

Band: 26b / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

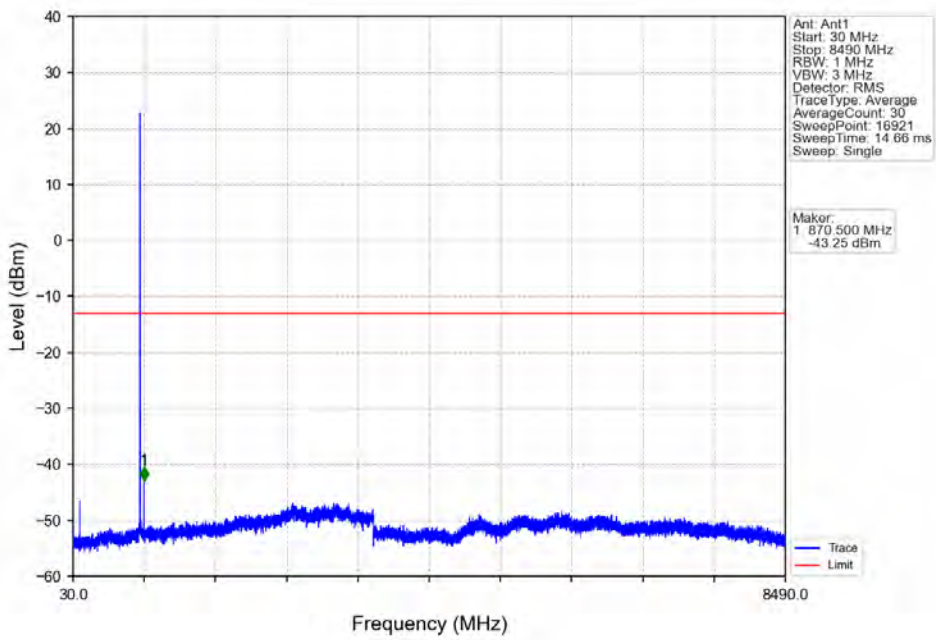
### 6.2.2 Test Graph

Band26b\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_1\_0\_NTNV

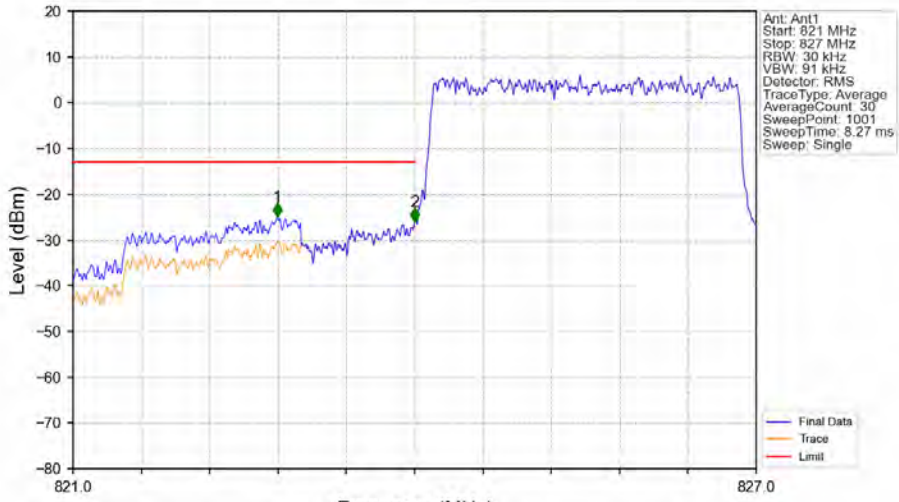


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	15.23	1	822.987	-39.13	-13	Pass
823	824	0.003	0	2	823.988	-27.76	-13	Pass
824	827	0.003	0	/	/	/	/	/

Band26b\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_1\_0\_NTNV

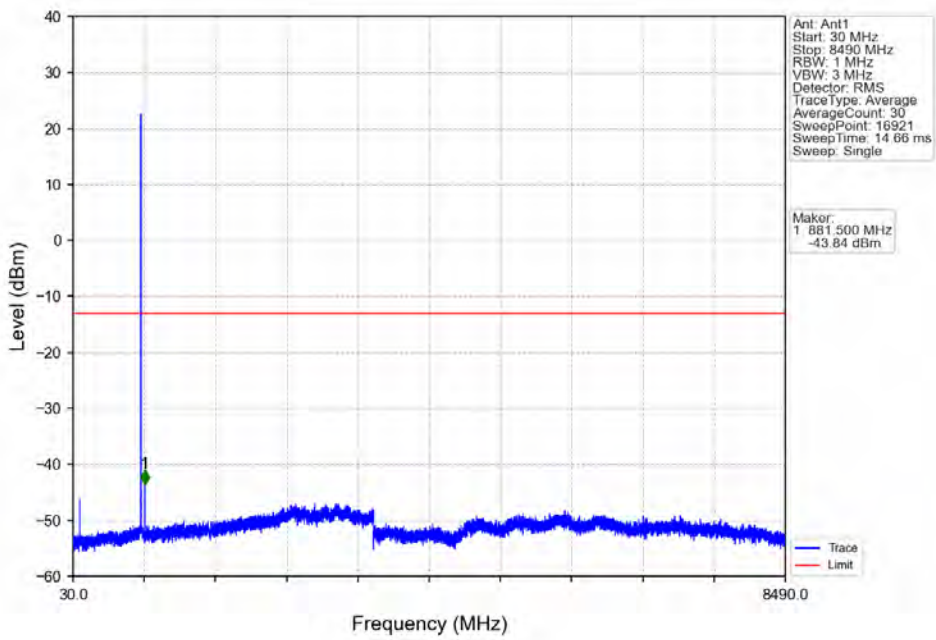


Band26b\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV

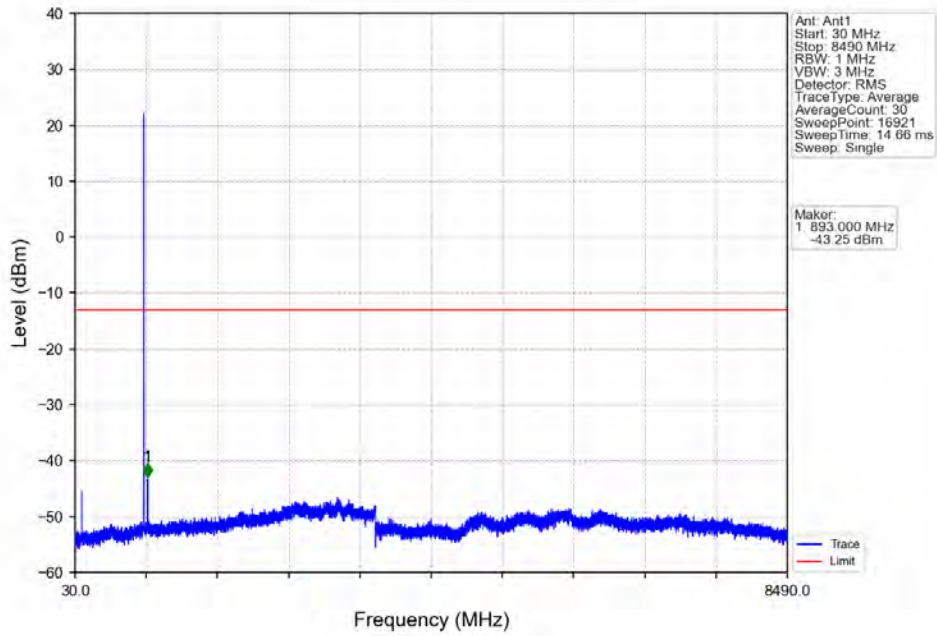


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	5.23	1	822.794	-25.05	-13	Pass
823	824	0.03	0	2	824.000	-26.10	-13	Pass
824	827	0.03	0	/	/	/	/	/

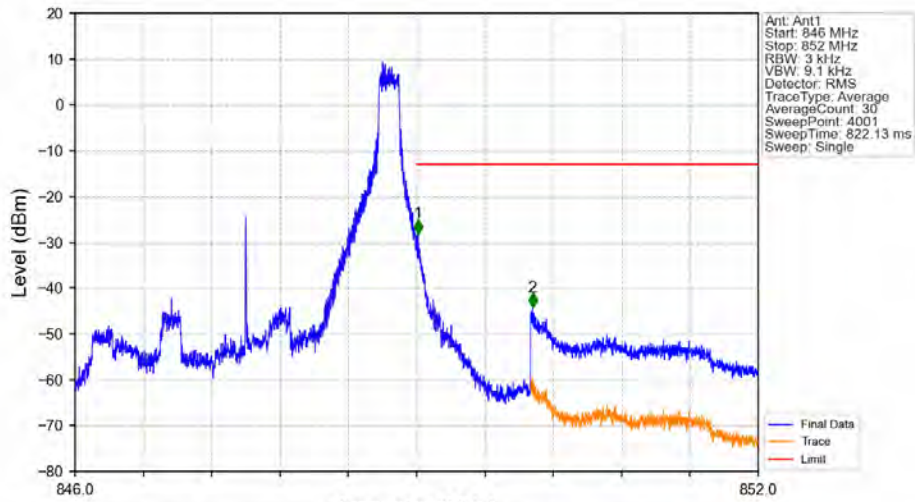
Band26b\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



Band26b\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_1\_0\_NTNV

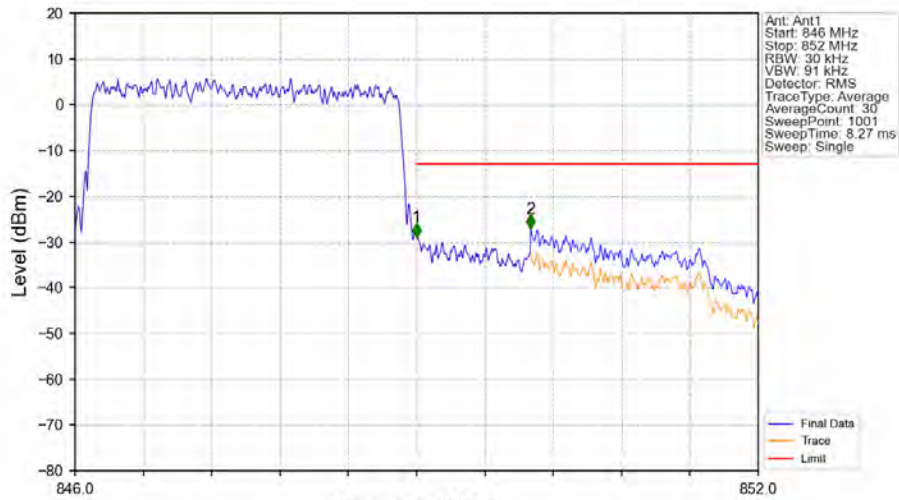


Band26b\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_1\_14\_NTNV



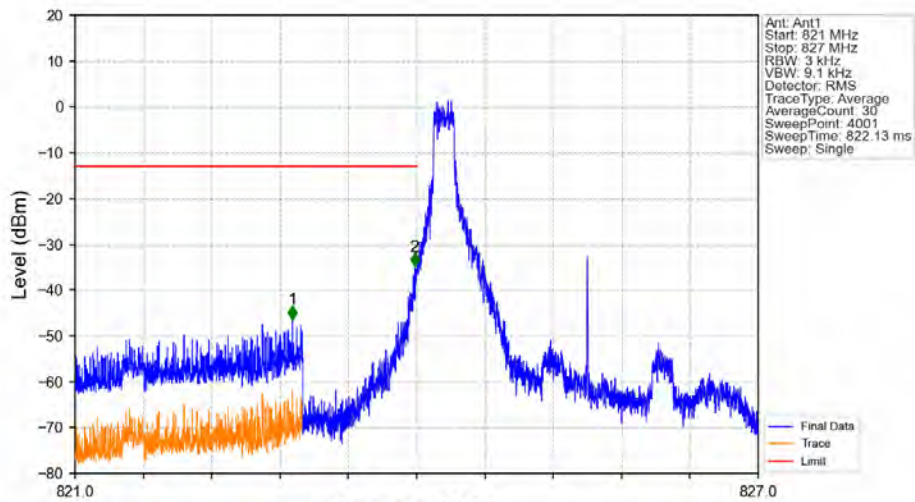
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	0	/	/	/	/	/
849	850	0.003	0	1	849.012	-28.08	-13	Pass
850	852	0.1	15.23	2	850.019	-44.15	-13	Pass

Band26b\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



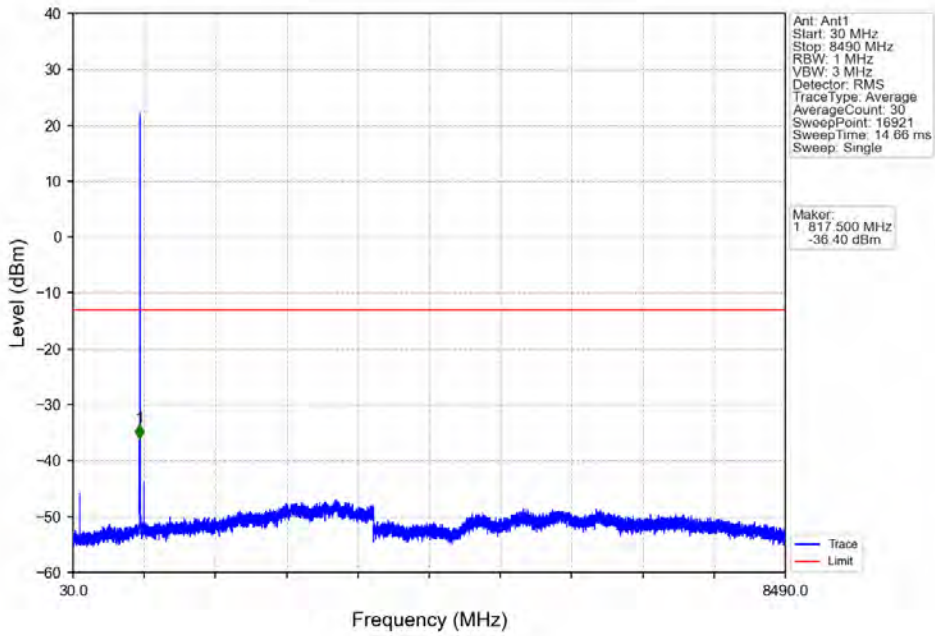
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	0	/	/	/	/	/
849	850	0.03	0	1	849.000	-28.93	-13	Pass
850	852	0.1	5.23	2	850.002	-27.10	-13	Pass

Band26b\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_1\_0\_NTNV

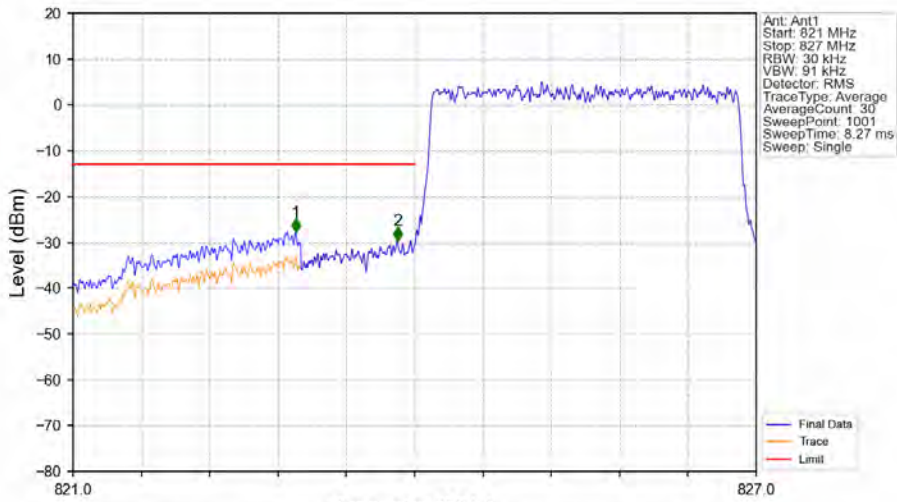


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	15.23	1	822.909	-46.41	-13	Pass
823	824	0.003	0	2	823.984	-34.86	-13	Pass
824	827	0.003	0	/	/	/	/	/

Band26b\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_1\_0\_NTNV

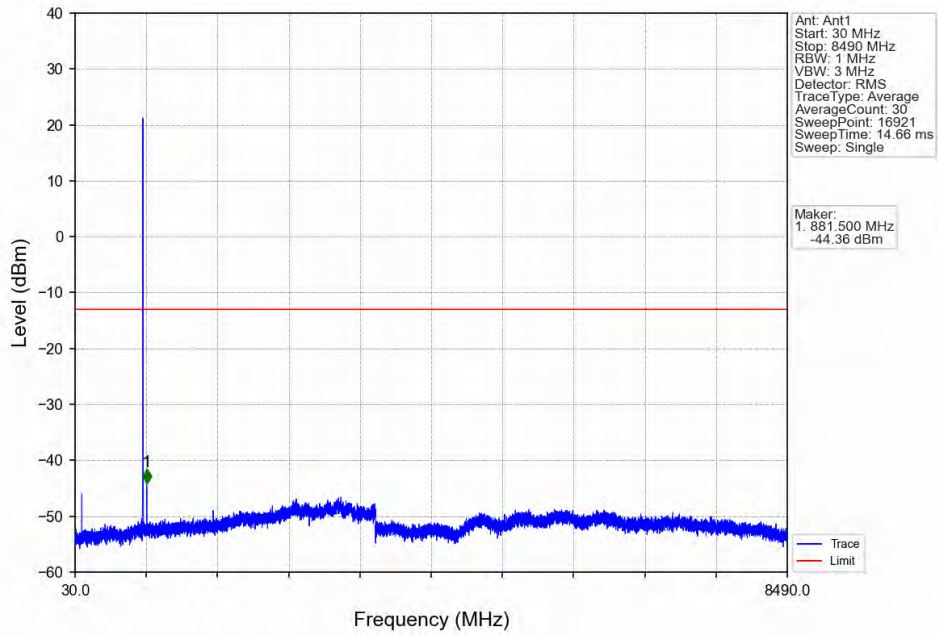


Band26b\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV

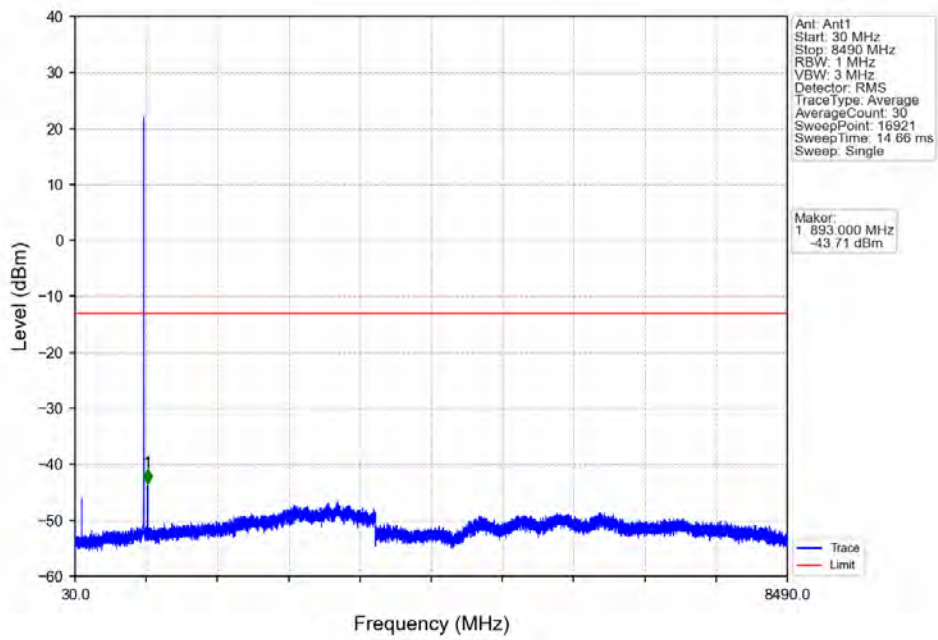


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	5.23	1	822.956	-27.76	-13	Pass
823	824	0.03	0	2	823.850	-29.67	-13	Pass
824	827	0.03	0	/	/	/	/	/

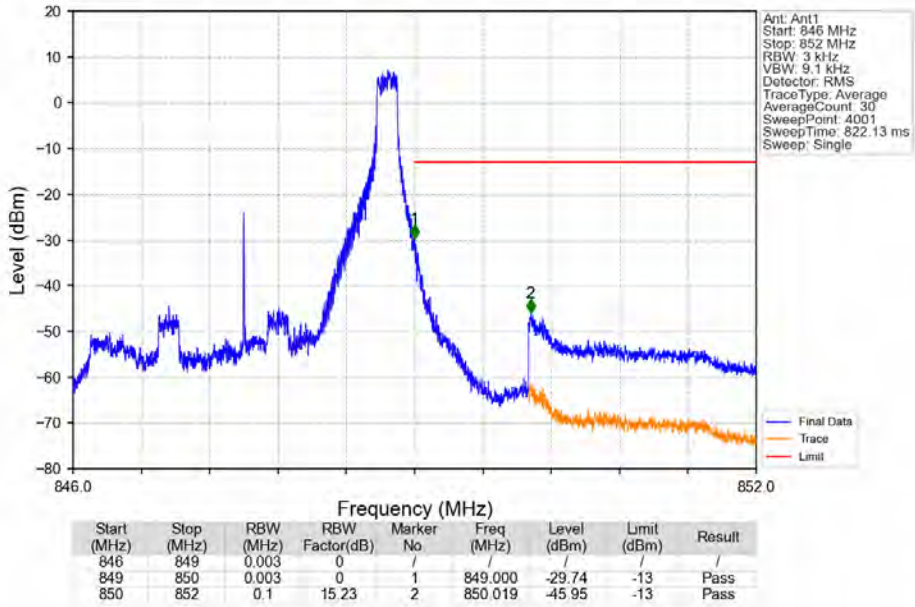
Band26b\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



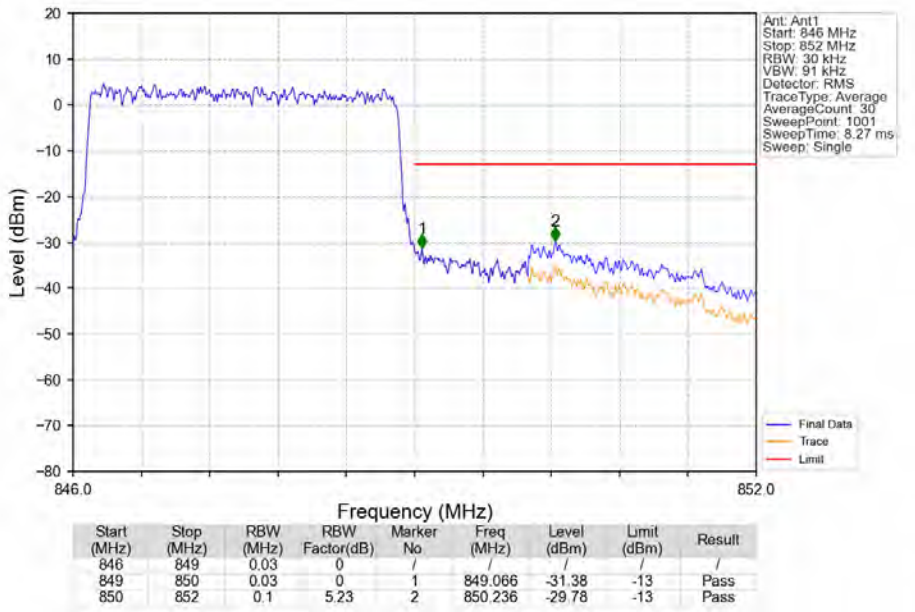
Band26b\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_1\_0\_NTNV



Band26b\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_1\_14\_NTNV



Band26b\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



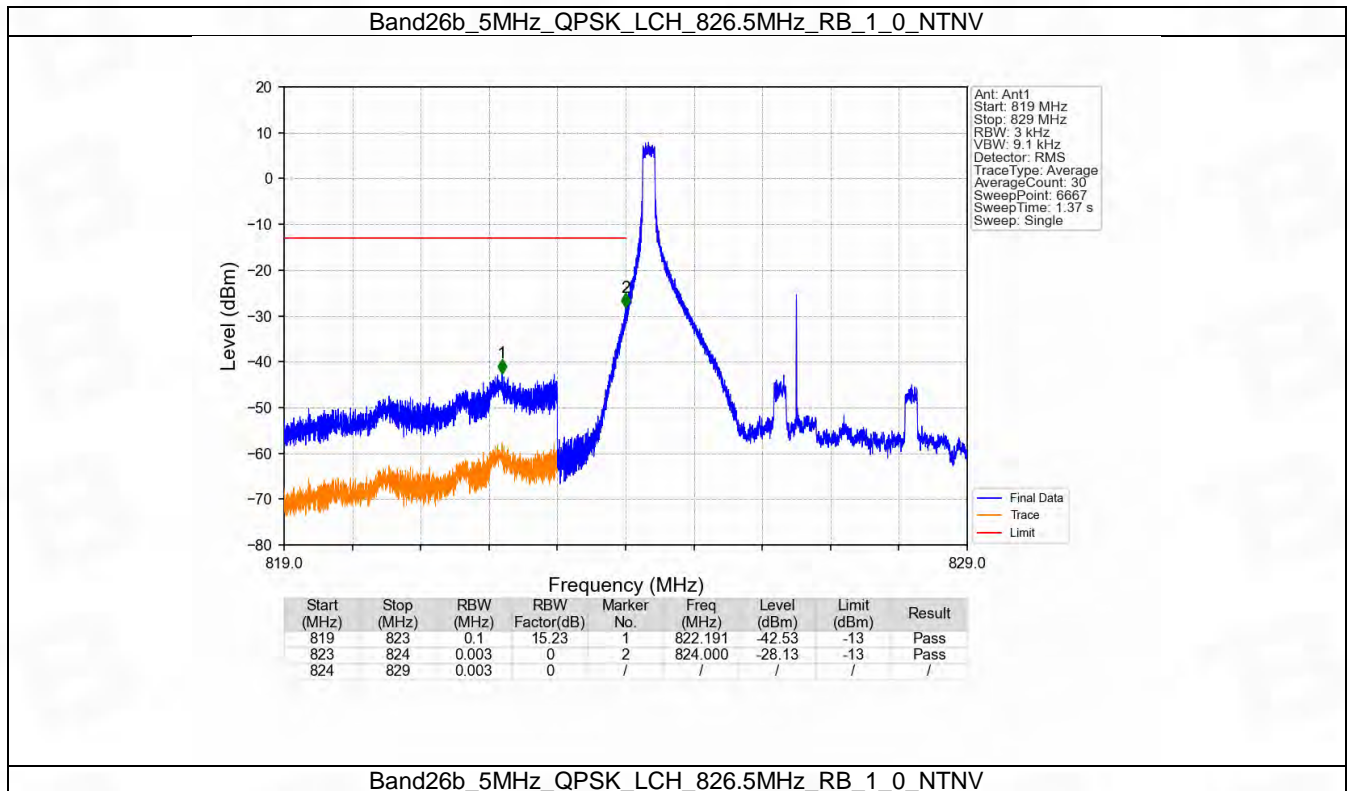


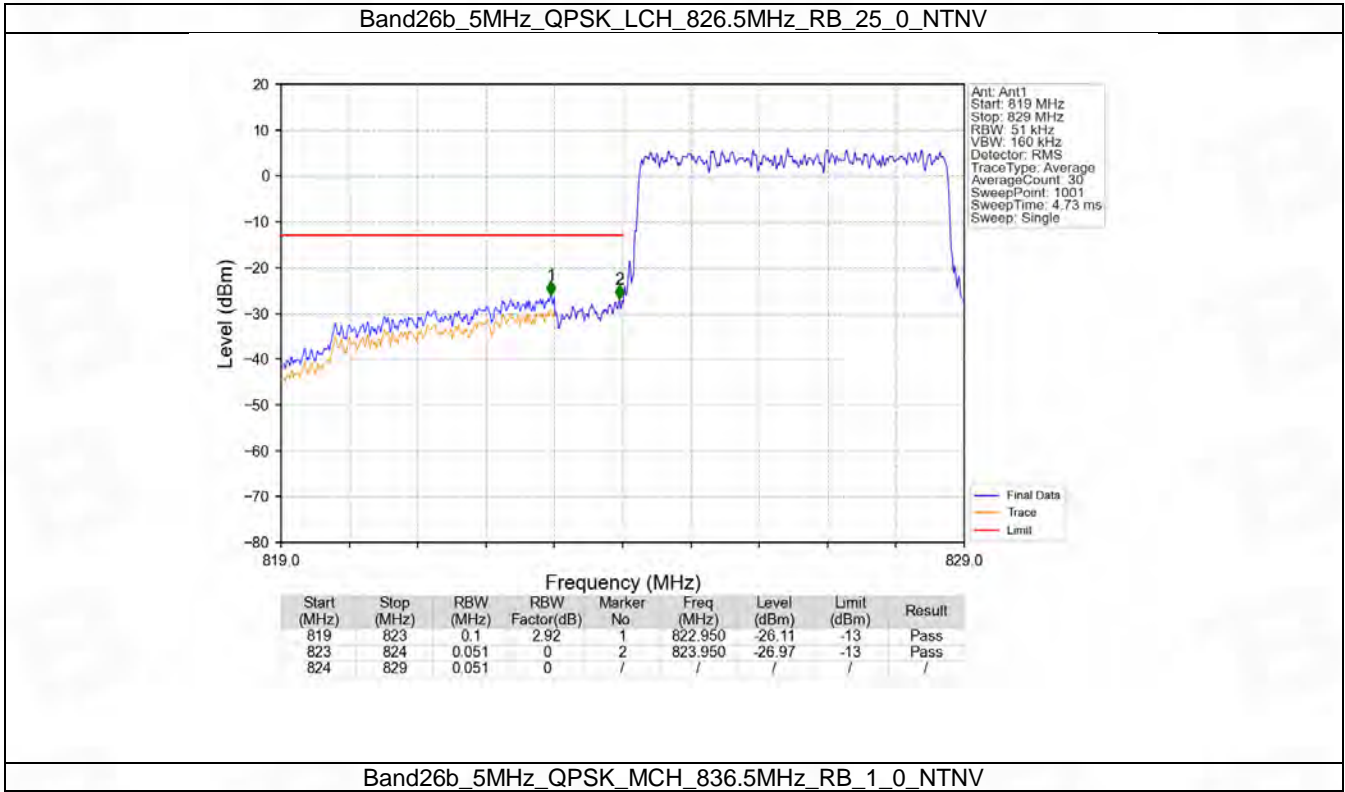
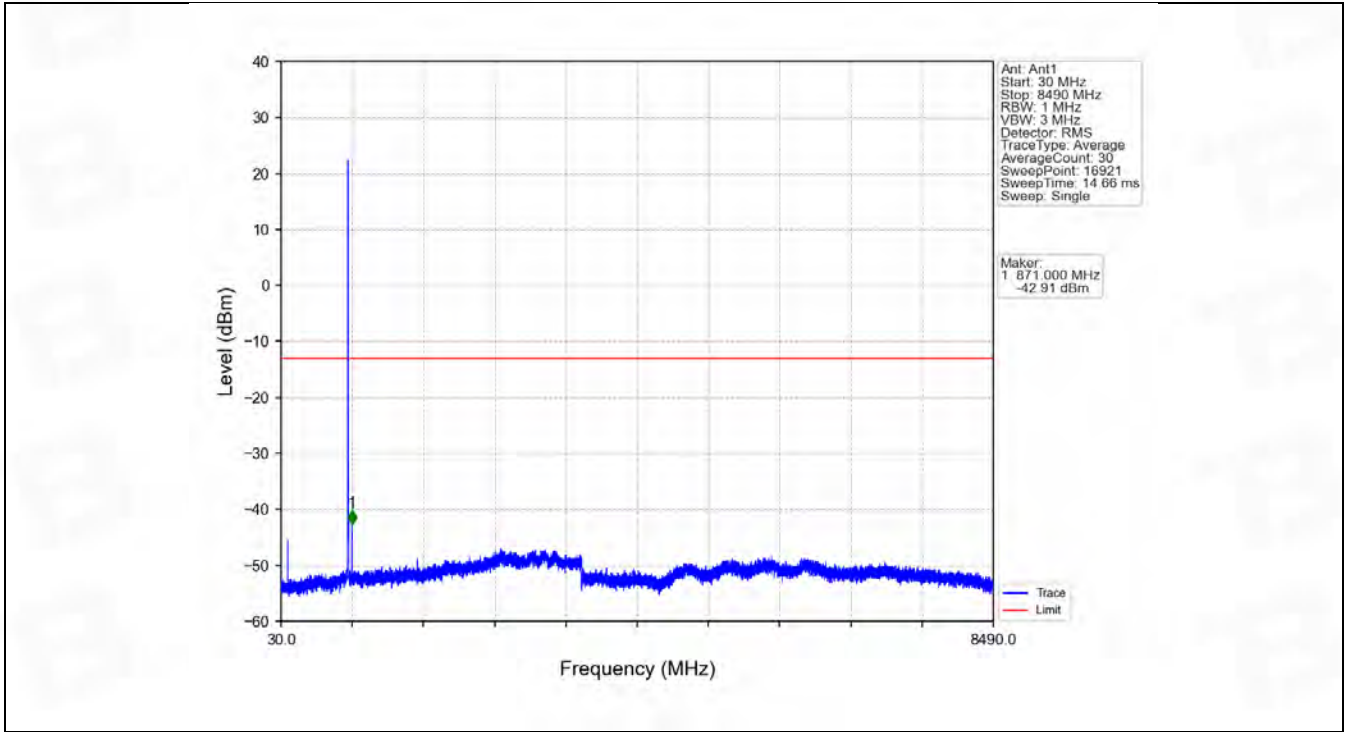
### 6.3 B26b\_5MHz

#### 6.3.1 Test Result

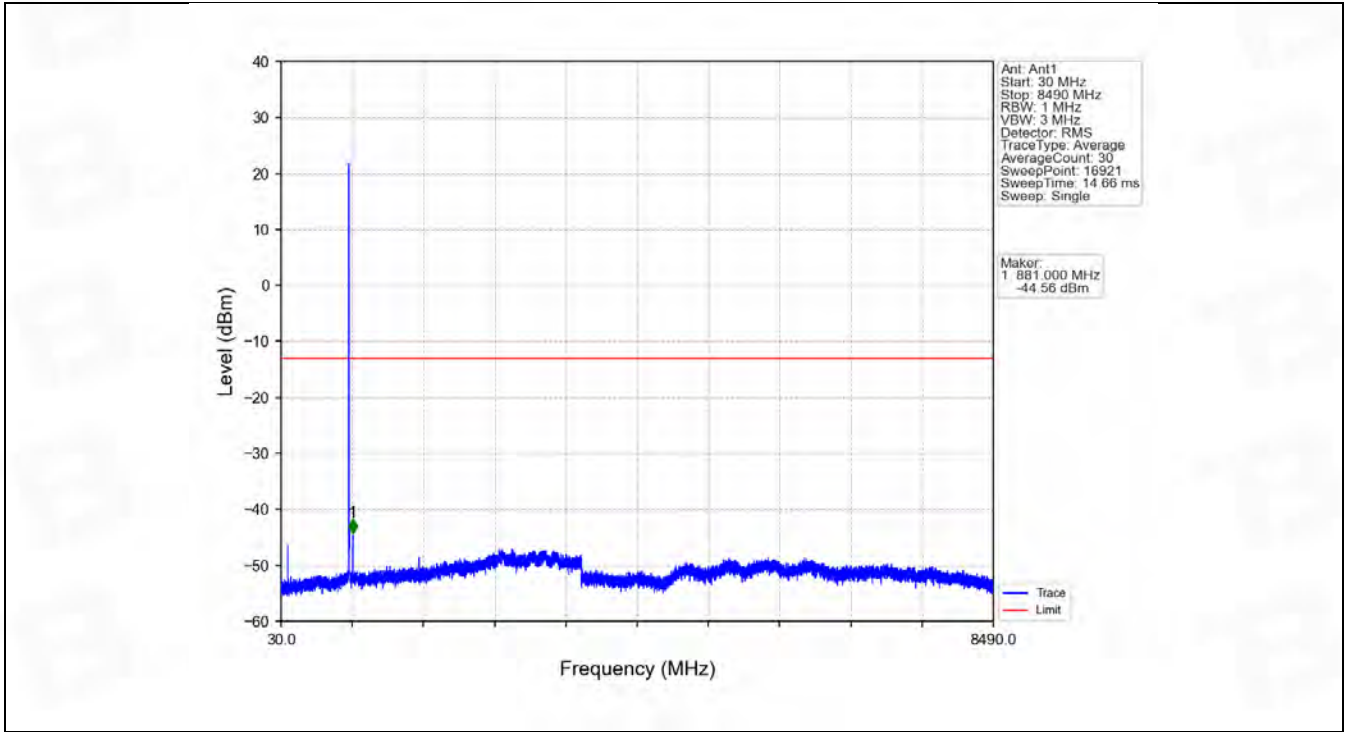
Band: 26b / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
16QAM	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
846.5	25	0	Refer To Test Graph		Pass	

#### 6.3.2 Test Graph

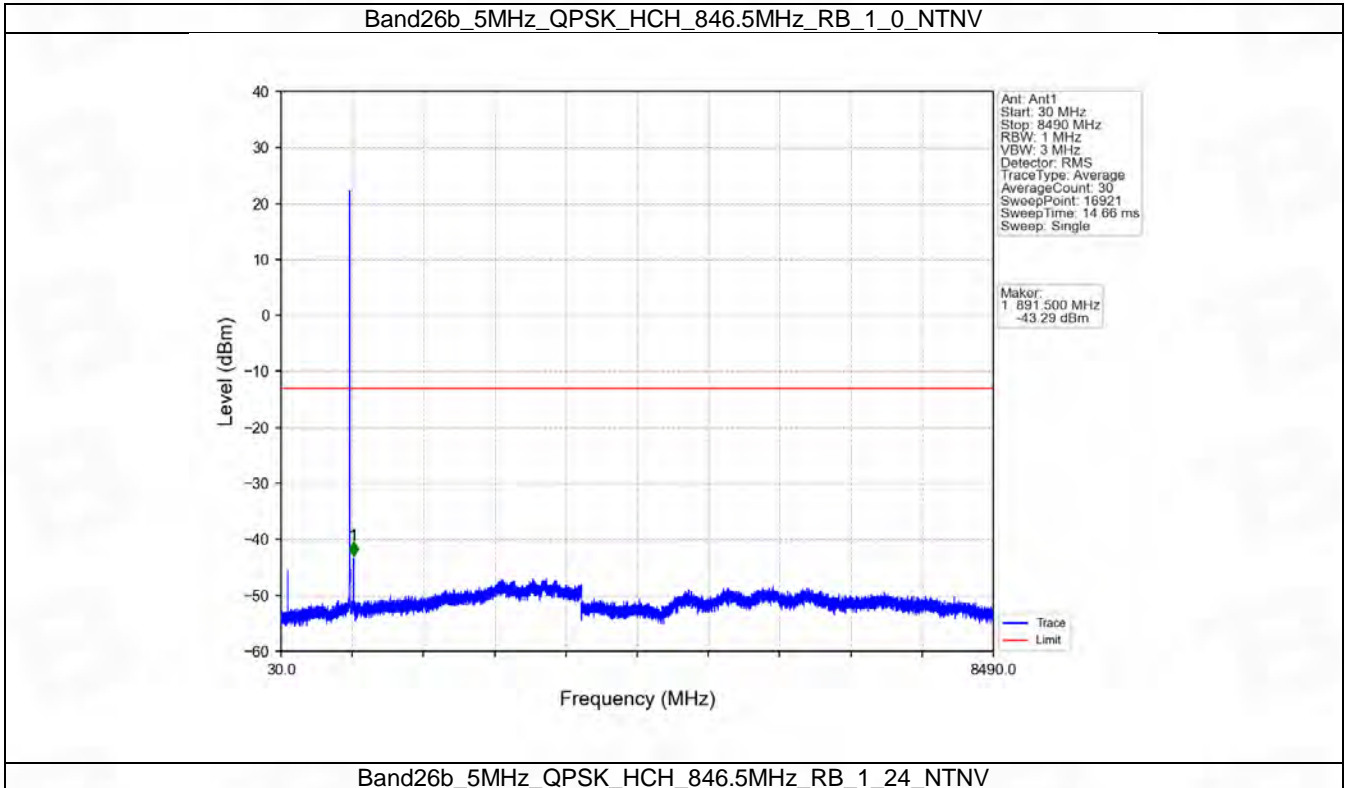




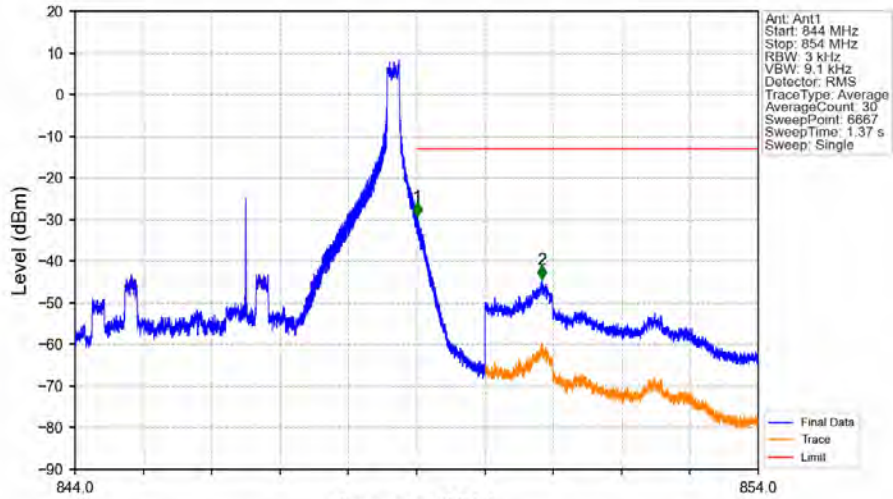
Band26b\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



Band26b\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_1\_0\_NTNV

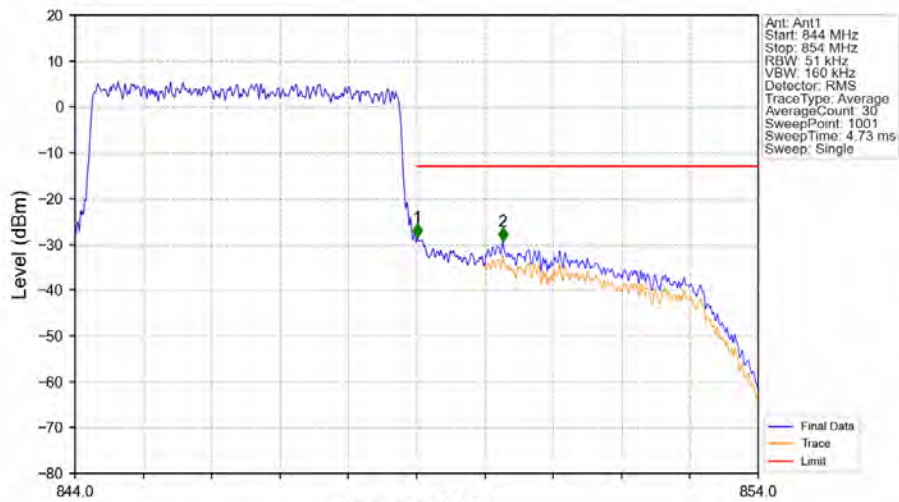


Band26b\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_1\_24\_NTNV



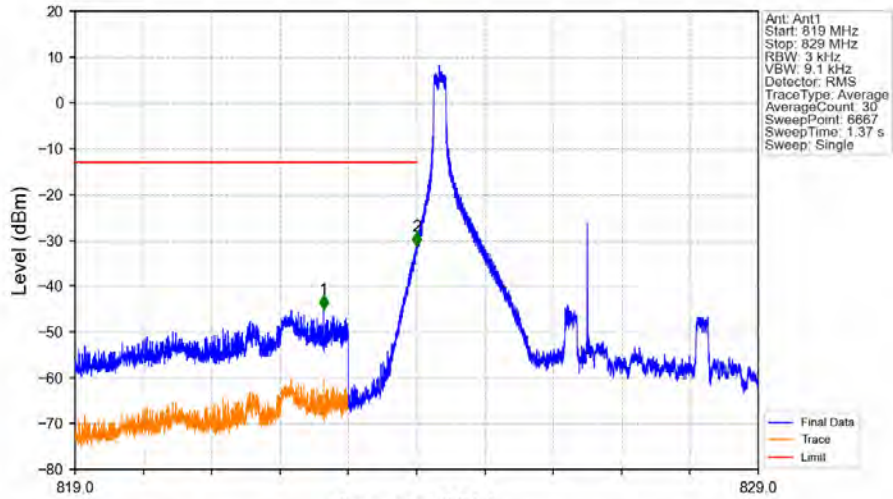
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	0	/	/	/	/	/
849	850	0.003	0	1	849.011	-29.34	-13	Pass
850	854	0.1	15.23	2	850.838	-44.41	-13	Pass

Band26b\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



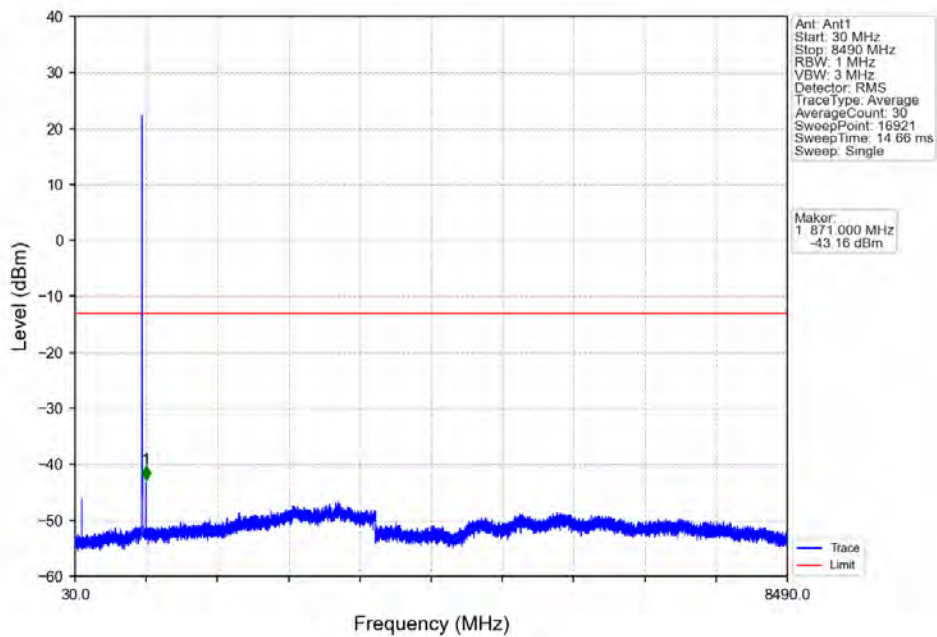
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	0	/	/	/	/	/
849	850	0.051	0	1	849.010	-28.56	-13	Pass
850	854	0.1	2.92	2	850.260	-29.37	-13	Pass

Band26b\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	15.23	1	822.636	-45.15	-13	Pass
823	824	0.003	0	2	824.000	-31.30	-13	Pass
824	829	0.003	0	/	/	/	/	/

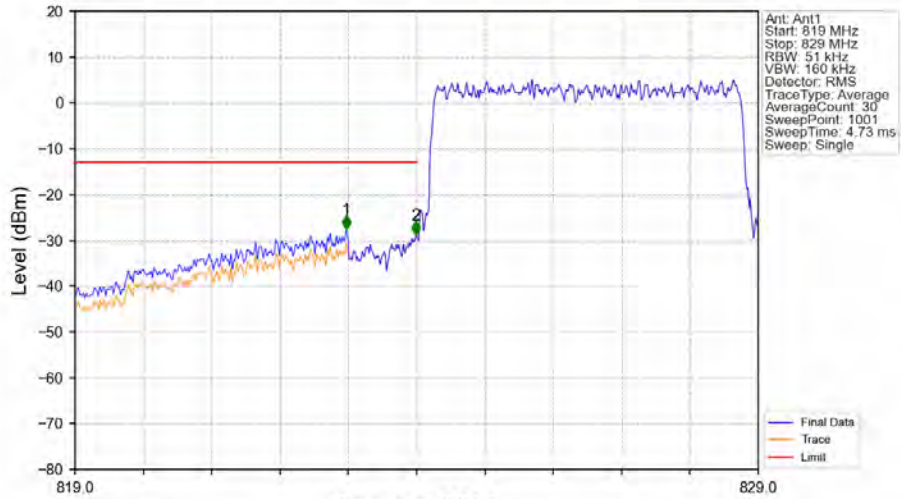
Band26b\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_1\_0\_NTNV



Ant: Ant1  
 Start: 819 MHz  
 Stop: 829 MHz  
 RBW: 3 kHz  
 VBW: 9.1 kHz  
 Detector: RMS  
 Trace Type: Average  
 AverageCount: 30  
 SweepPoint: 6667  
 SweepTime: 1.37 s  
 Sweep: Single

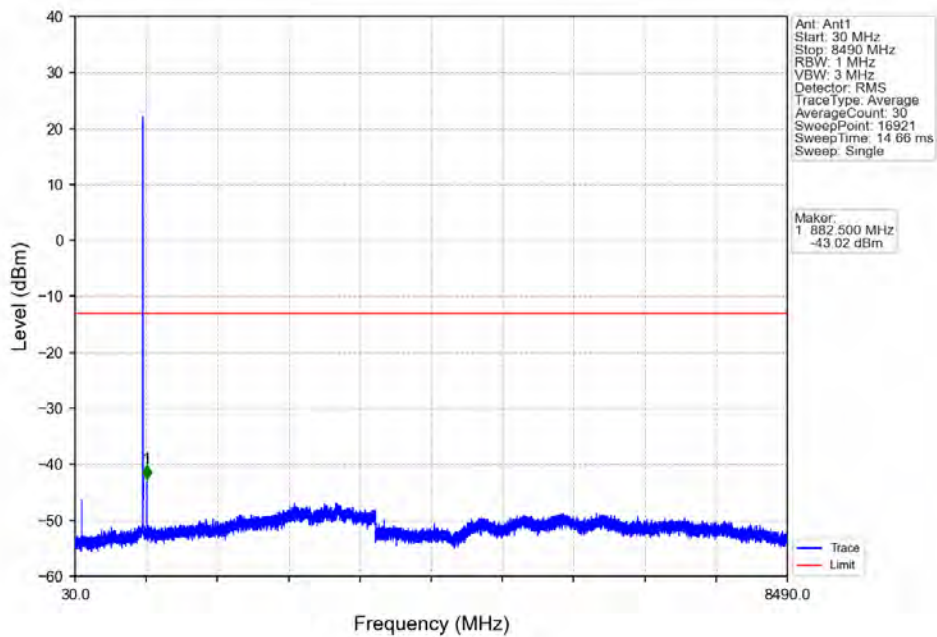
Marker:  
 1 871.000 MHz  
 -43.16 dBm

Band26b\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV

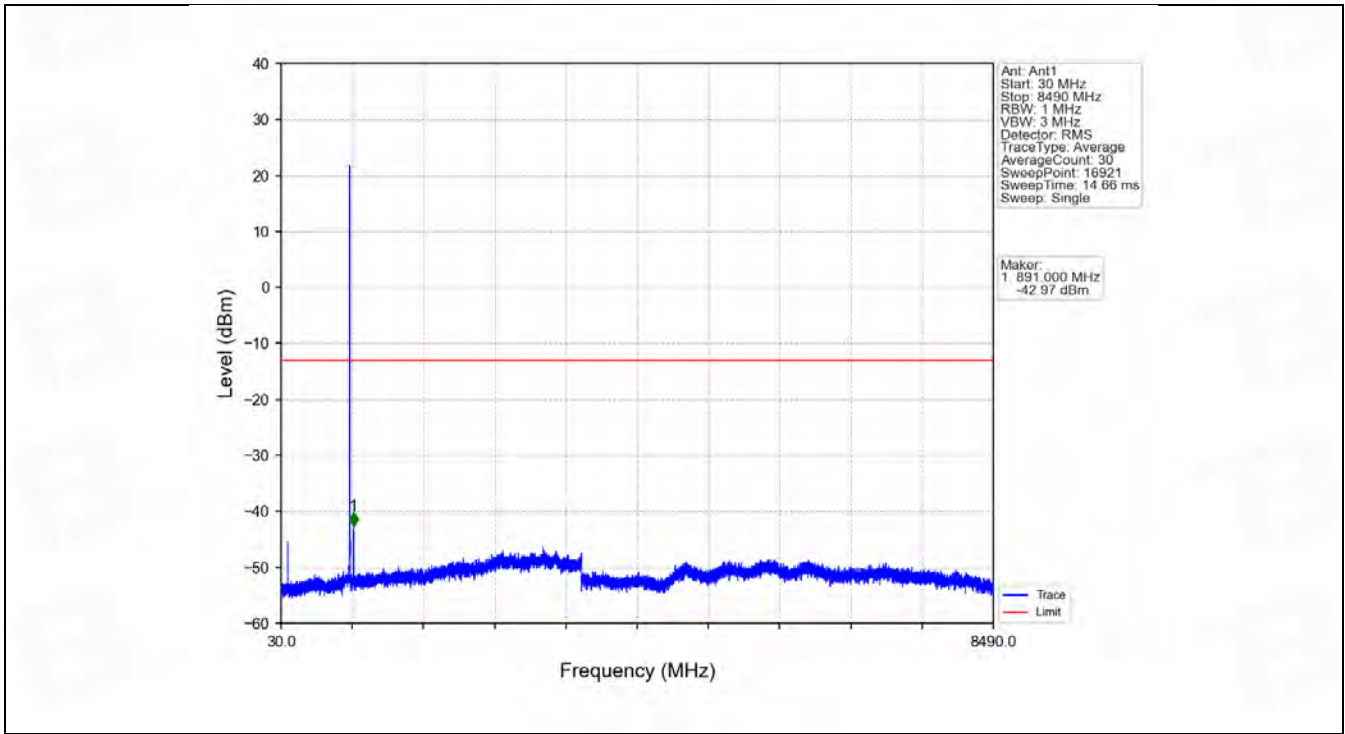


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	2.92	1	822.970	-27.64	-13	Pass
823	824	0.051	0	2	823.990	-28.91	-13	Pass
824	829	0.051	0	/	/	/	/	/

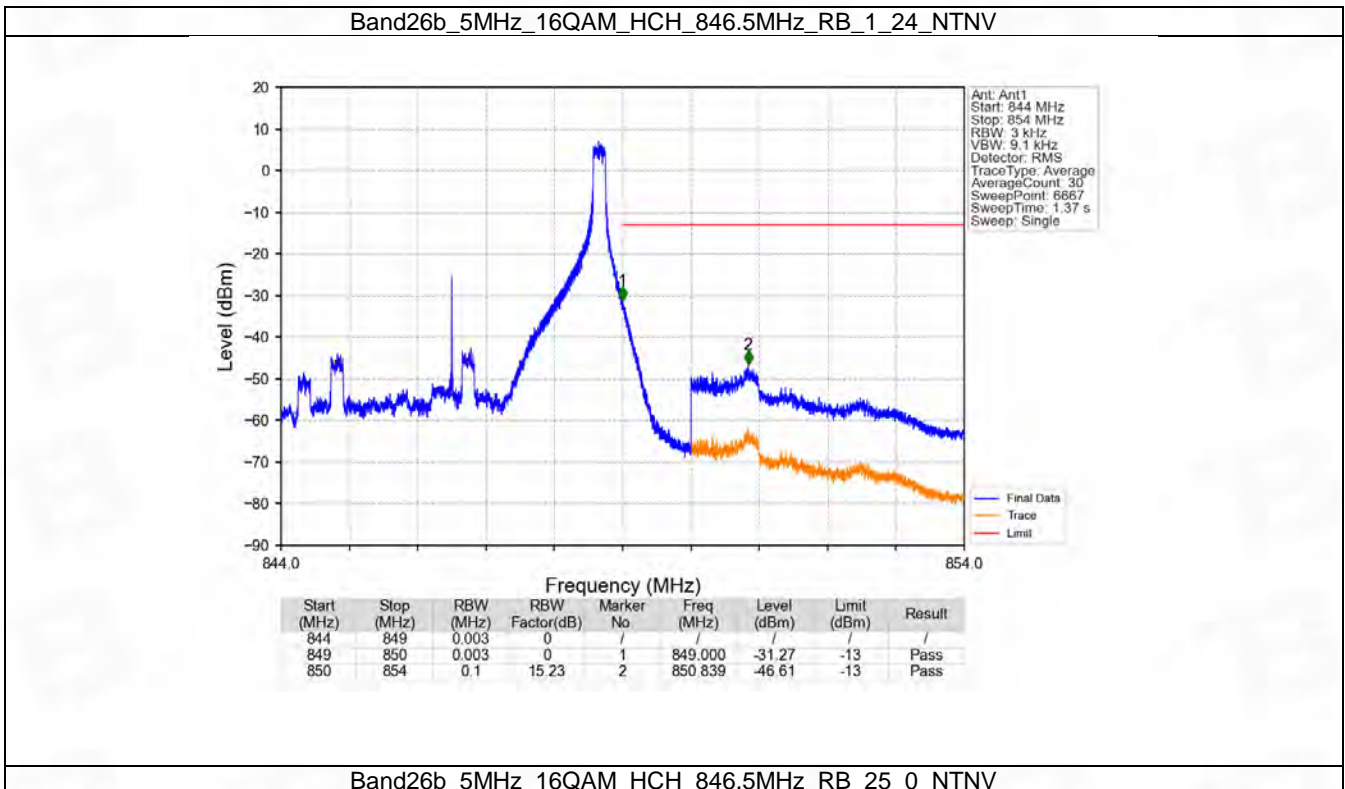
Band26b\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



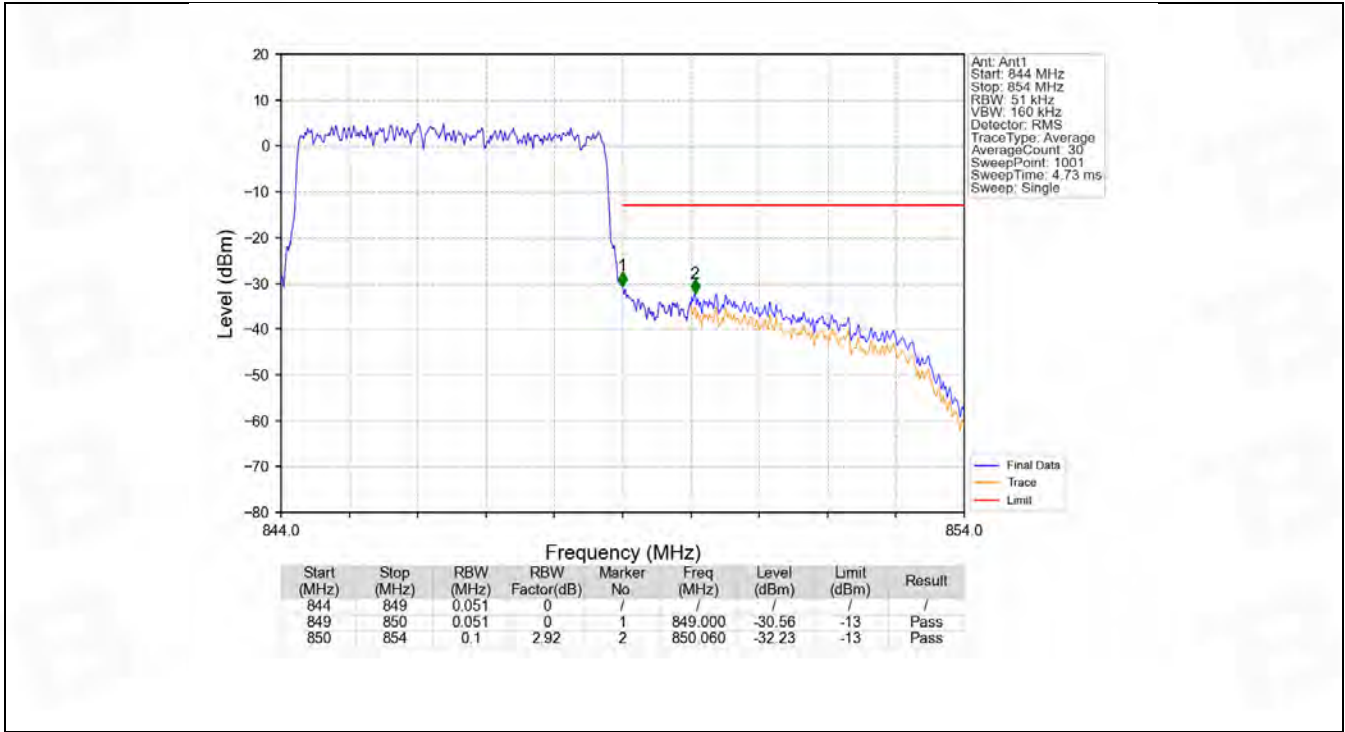
Band26b\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_1\_0\_NTNV



Band26b\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_1\_24\_NTNV



Band26b\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



## 6.4 B26b\_10MHz

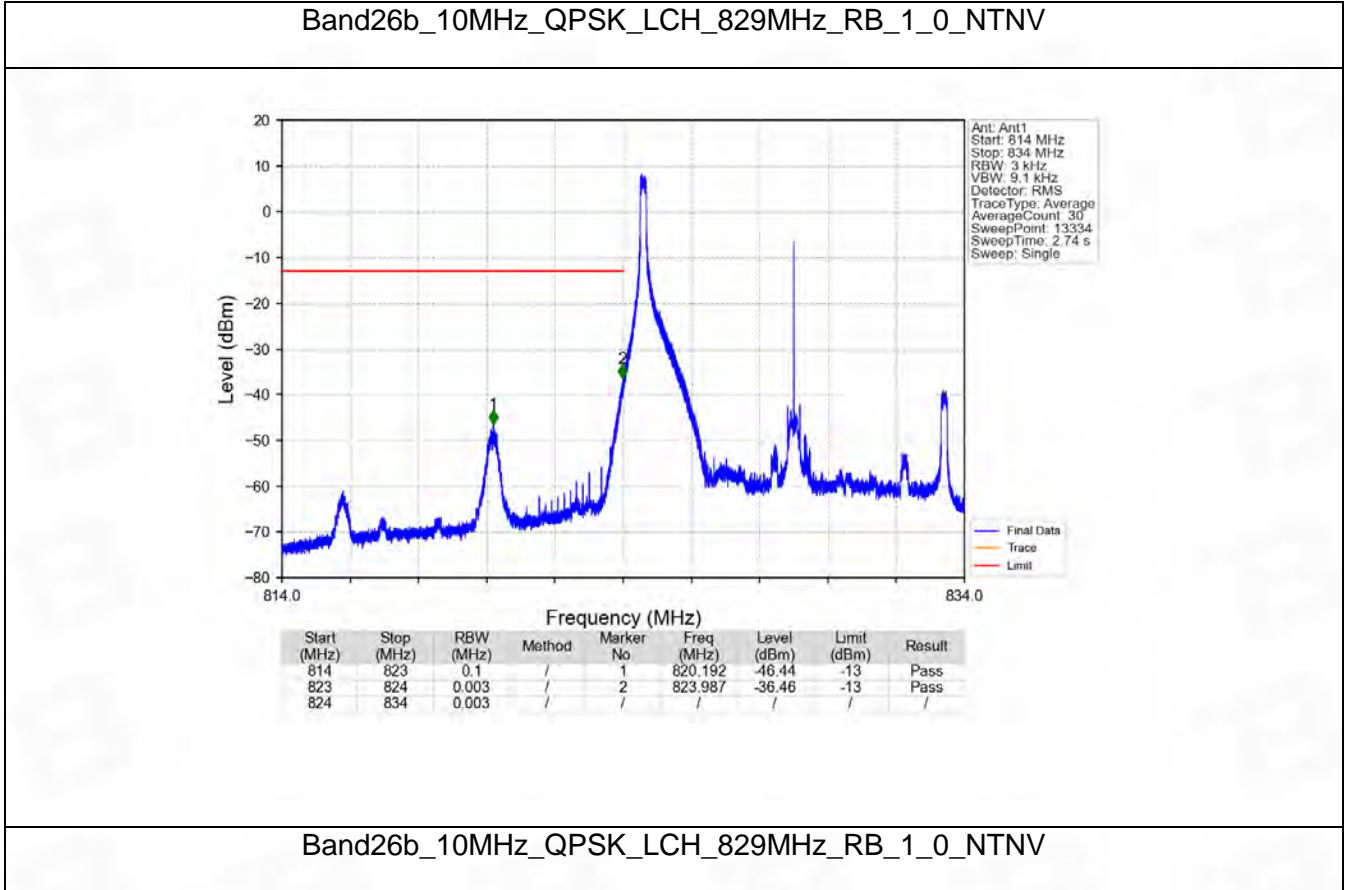
### 6.4.1 Test Result

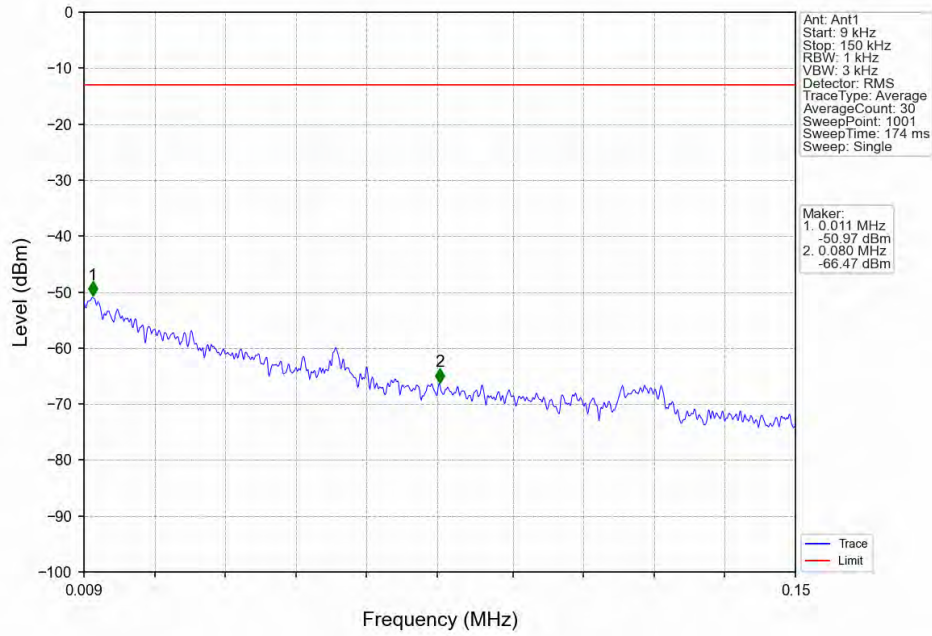
Band: 26b / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass



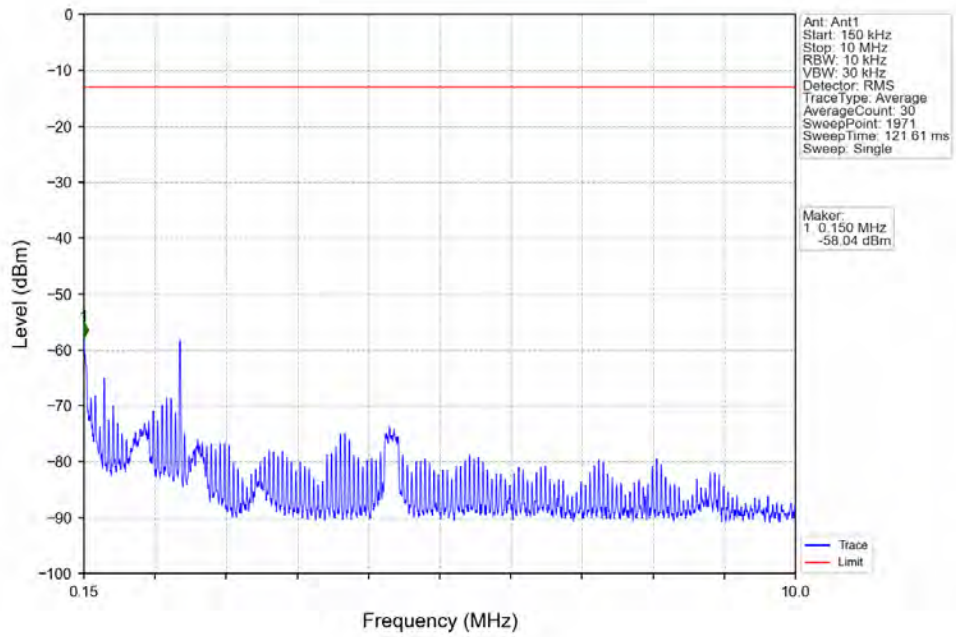
		50	0	Refer To Test Graph	Pass
16QAM	829	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	844	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass

### 6.4.2 Test Graph

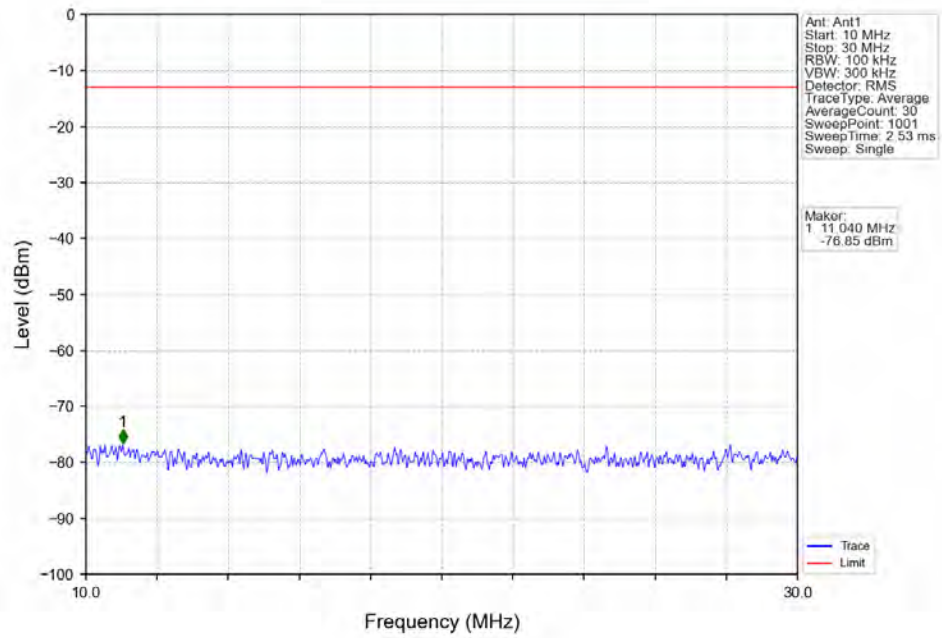




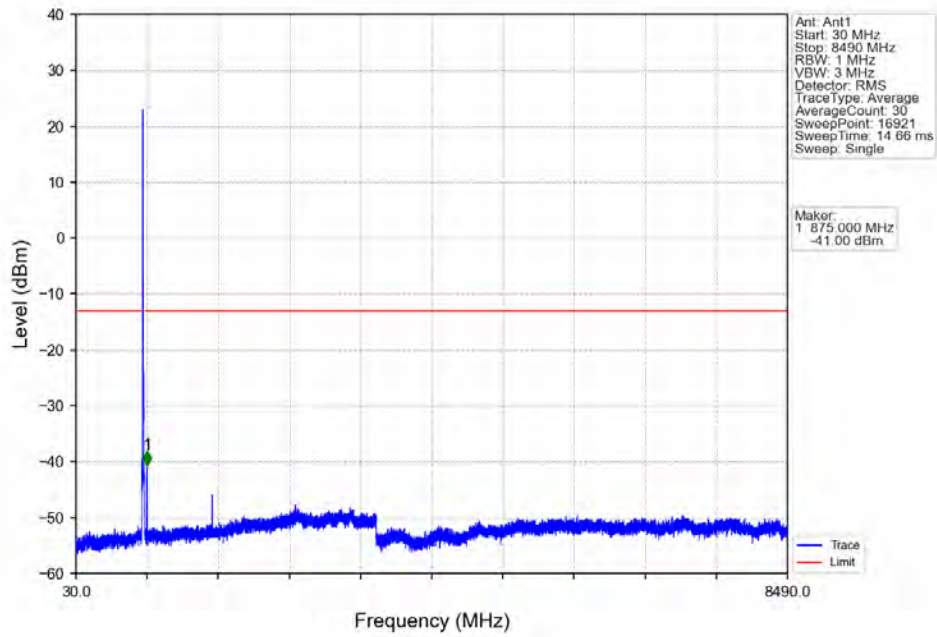
Band26b\_10MHz\_QPSK\_LCH\_829MHz\_RB\_1\_0\_NTNV



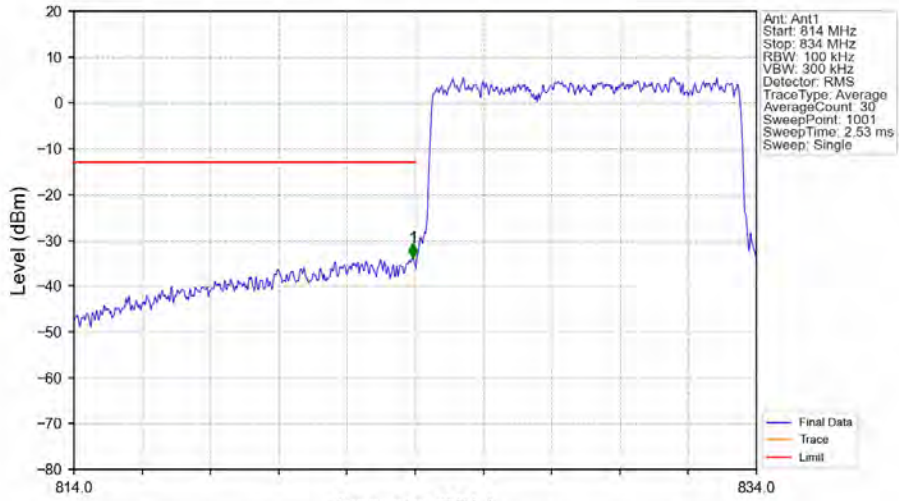
Band26b\_10MHz\_QPSK\_LCH\_829MHz\_RB\_1\_0\_NTNV



Band26b\_10MHz\_QPSK\_LCH\_829MHz\_RB\_1\_0\_NTNV

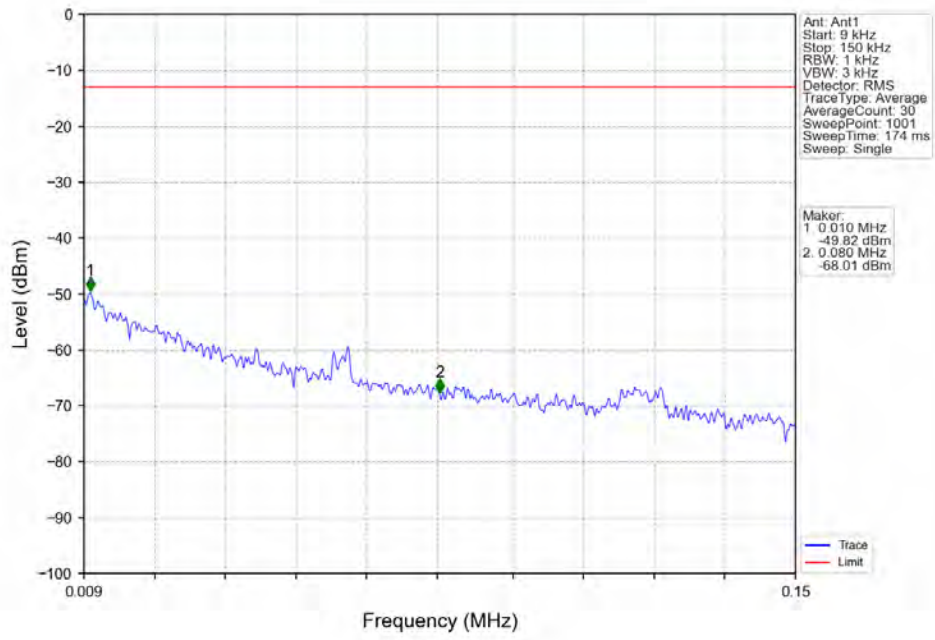


Band26b\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV



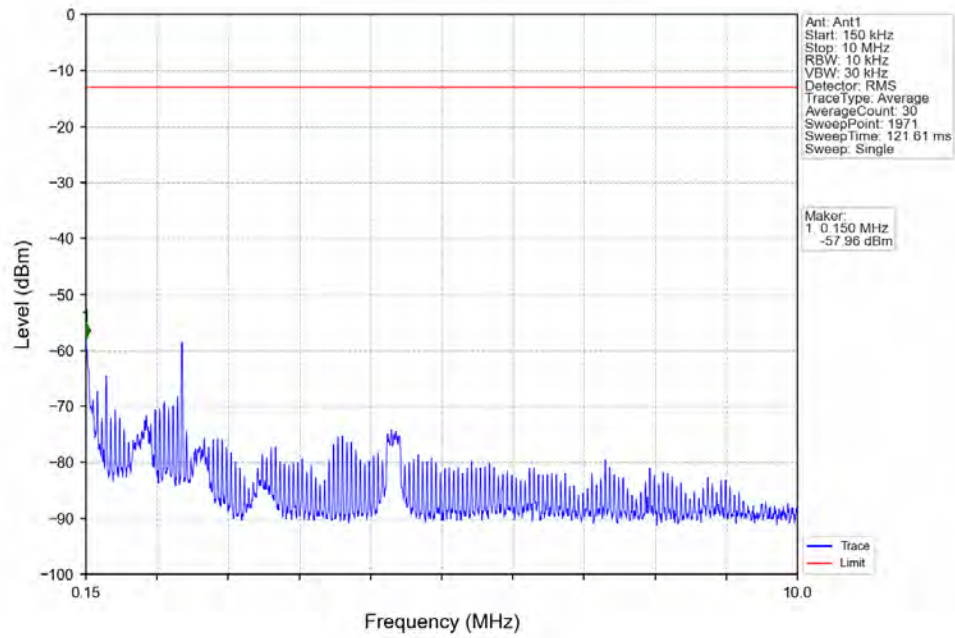
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	823.940	-33.85	-13	Pass
824	834	0.1	/	/	/	/	/	/

Band26b\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

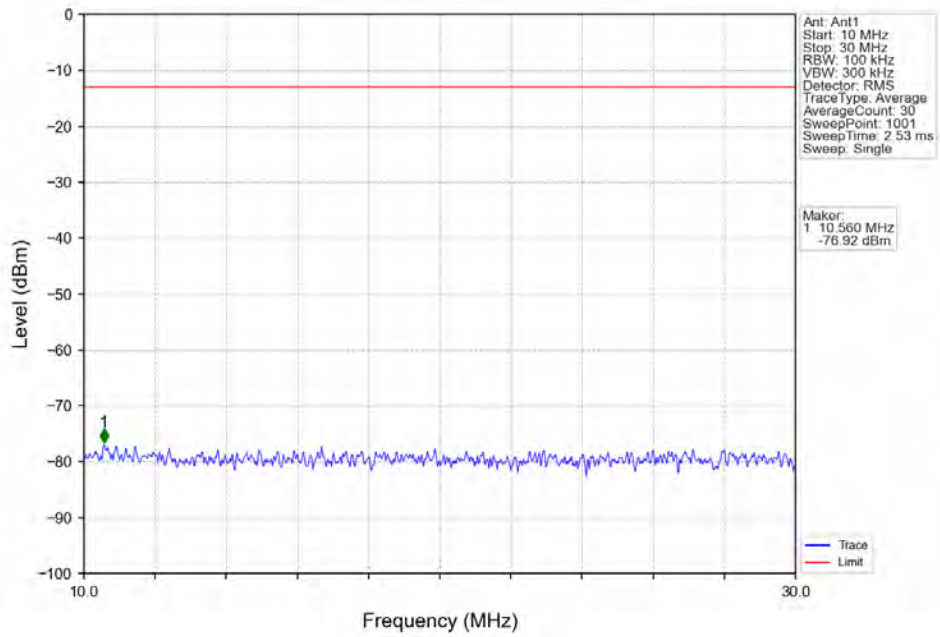


Band26b\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

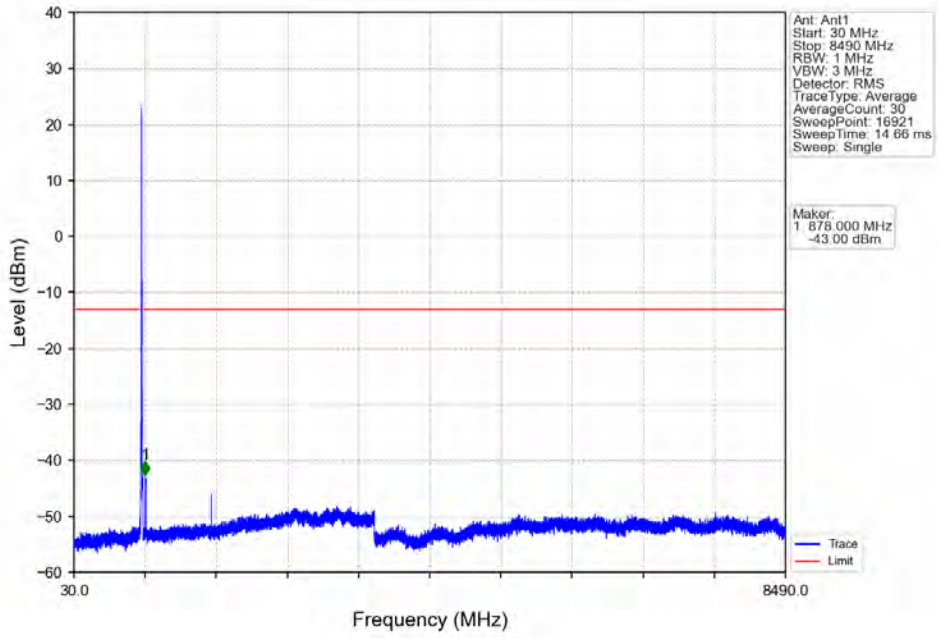




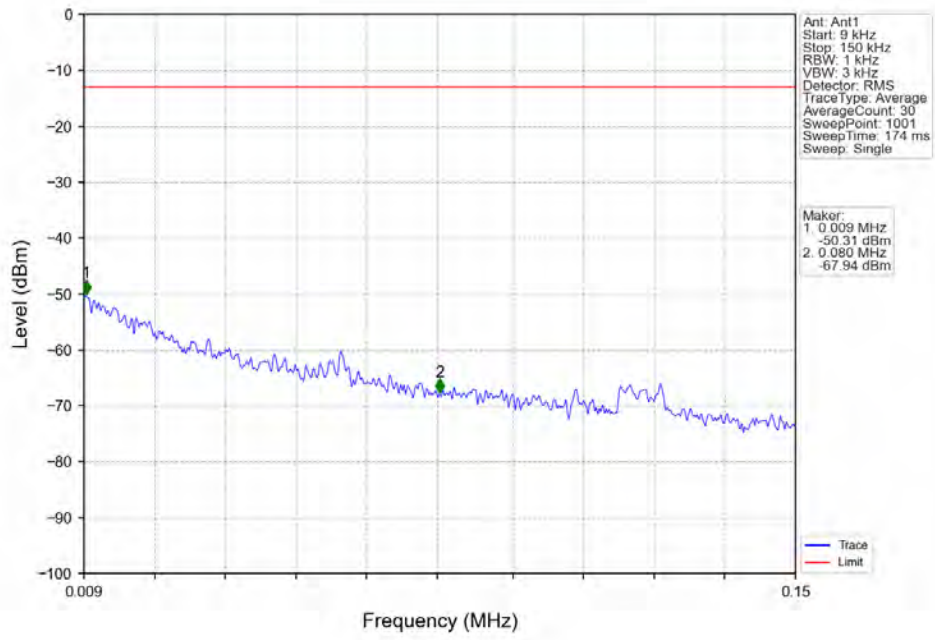
Band26b\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



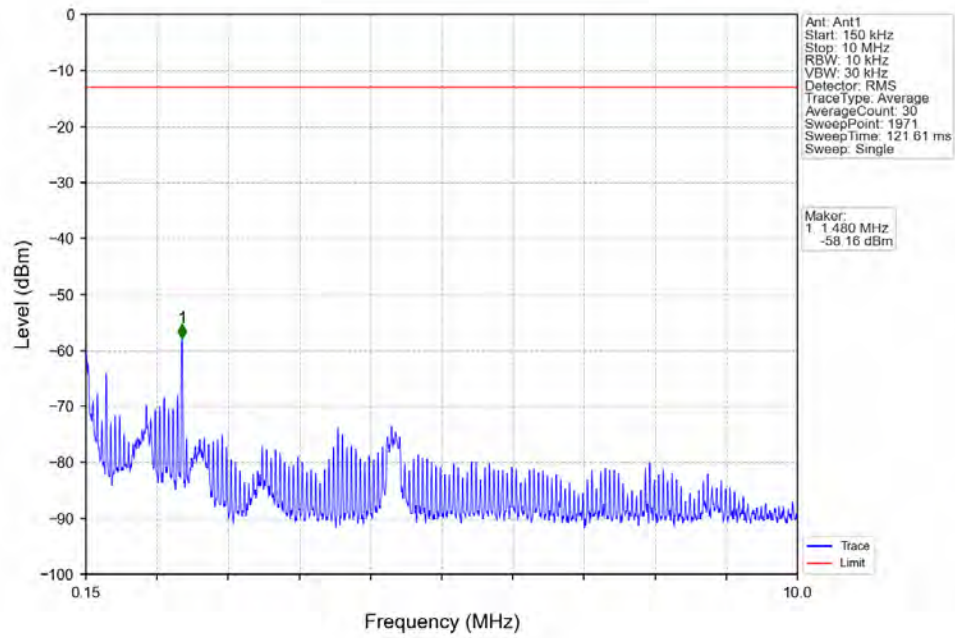
Band26b\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



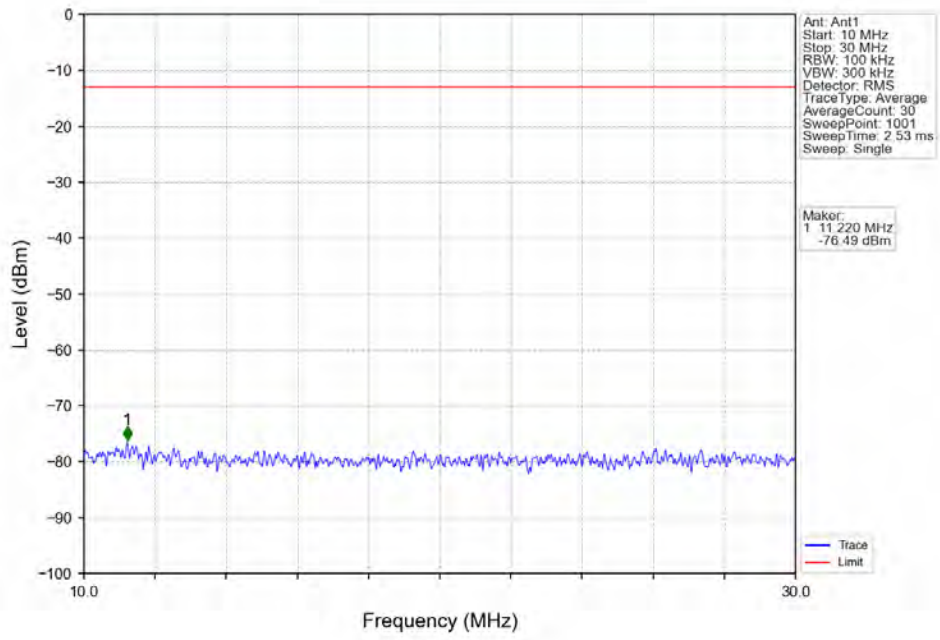
Band26b\_10MHz\_QPSK\_HCH\_844MHz\_RB\_1\_0\_NTNV



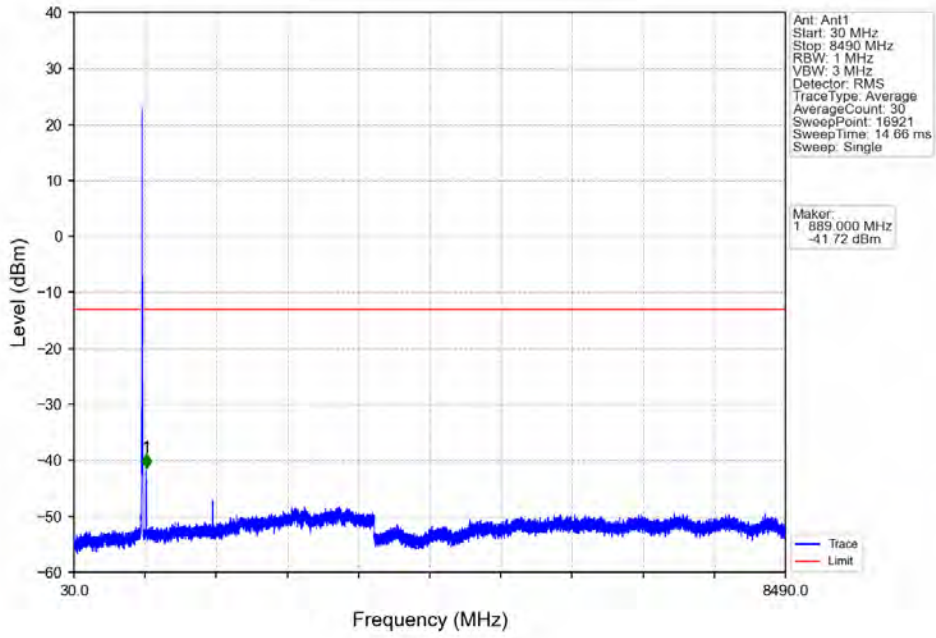
Band26b\_10MHz\_QPSK\_HCH\_844MHz\_RB\_1\_0\_NTNV



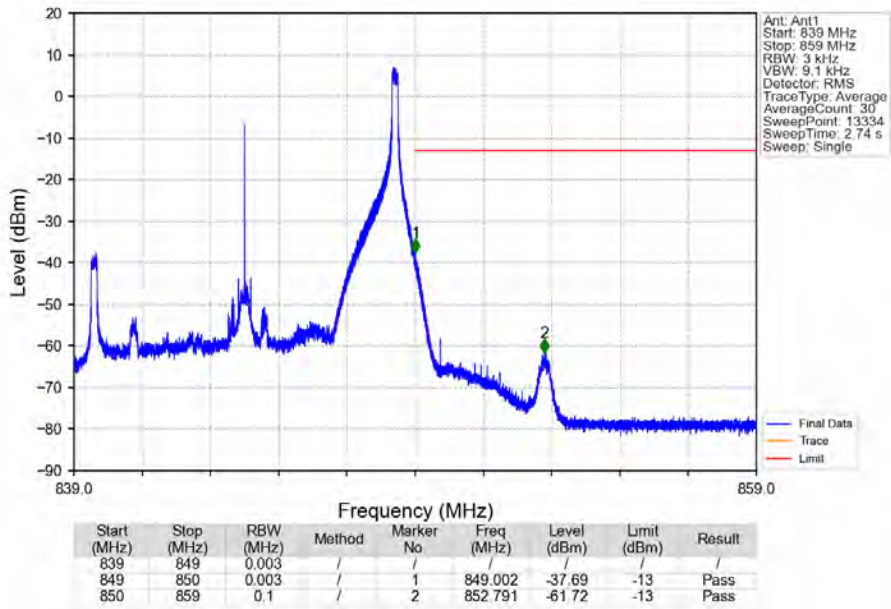
Band26b\_10MHz\_QPSK\_HCH\_844MHz\_RB\_1\_0\_NTNV



Band26b\_10MHz\_QPSK\_HCH\_844MHz\_RB\_1\_0\_NTNV

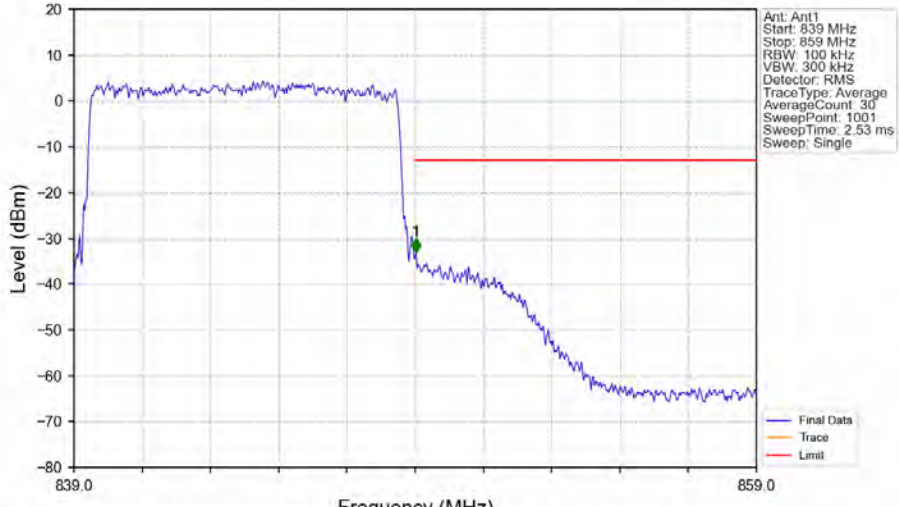


Band26b\_10MHz\_QPSK\_HCH\_844MHz\_RB\_1\_49\_NTNV



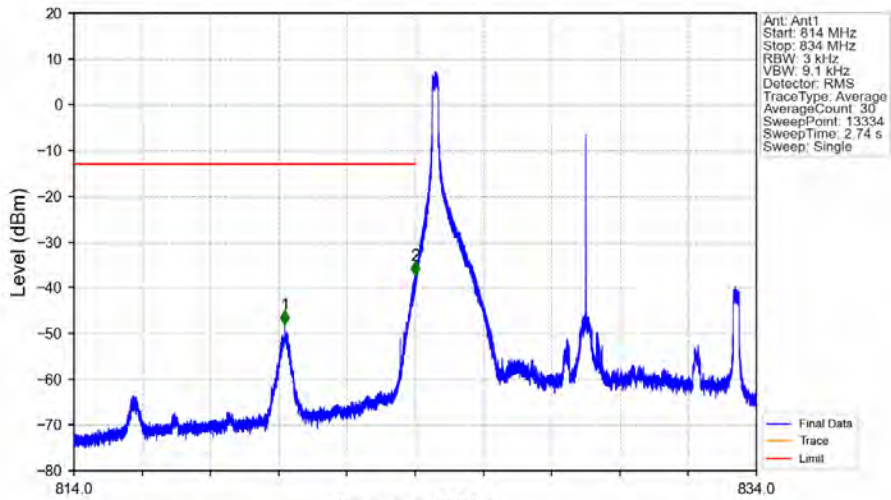
Band26b\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV





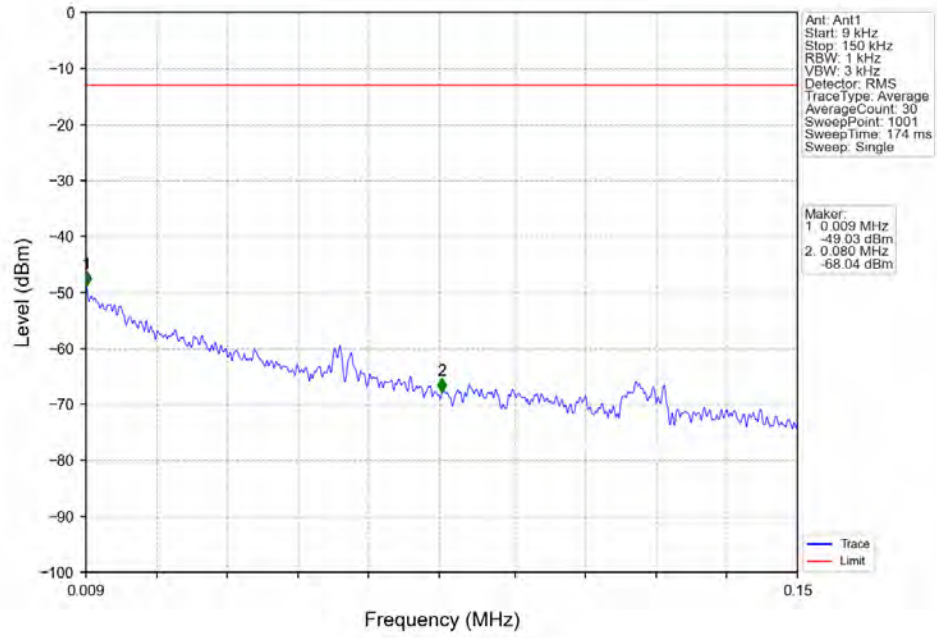
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.020	-33.02	-13	Pass

Band26b\_10MHz\_16QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV

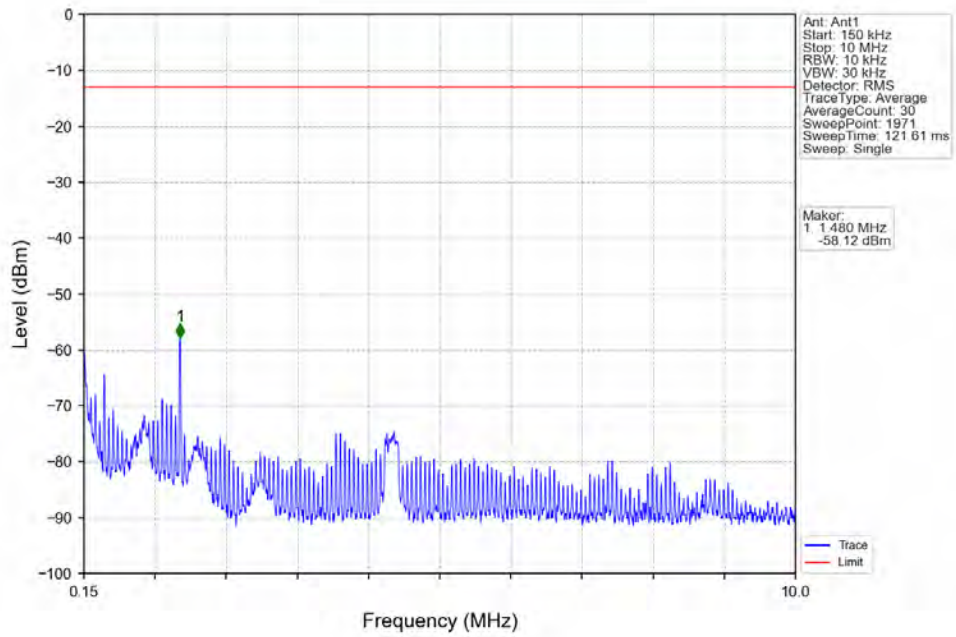


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	820.180	-48.07	-13	Pass
823	824	0.003	/	2	823.999	-37.32	-13	Pass
824	834	0.003	/	/	/	/	/	/

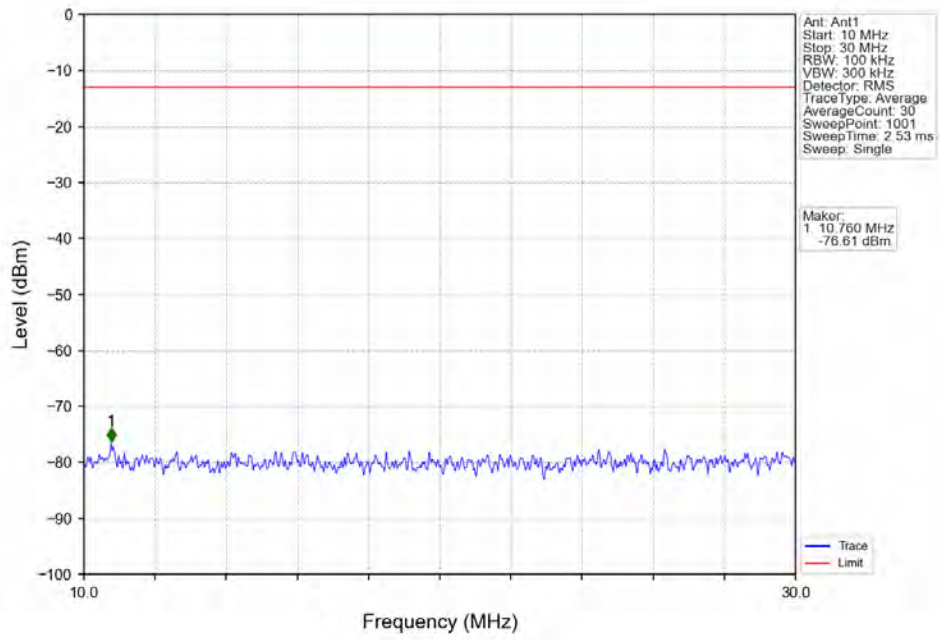
Band26b\_10MHz\_16QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV



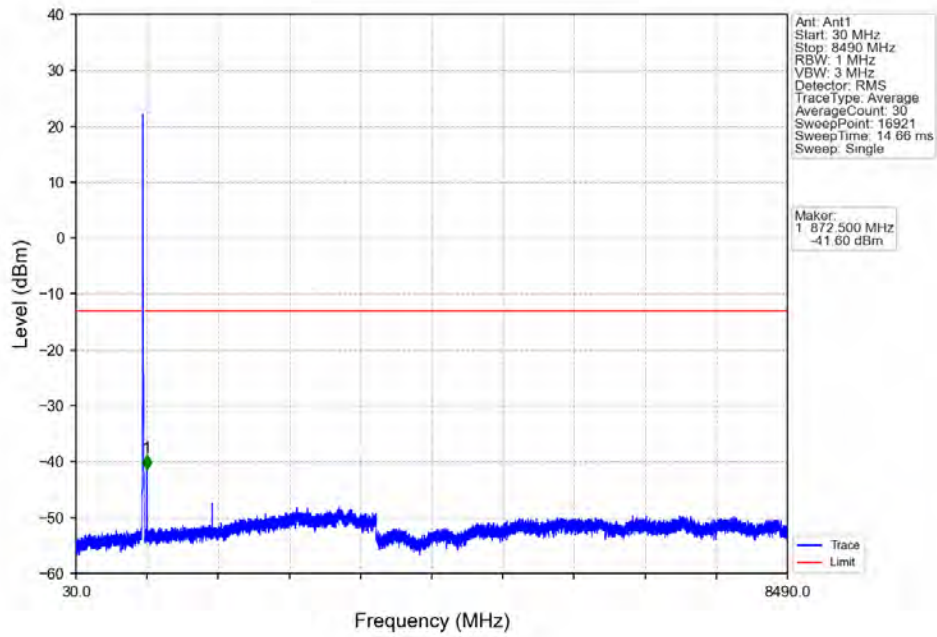
Band26b\_10MHz\_16QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV



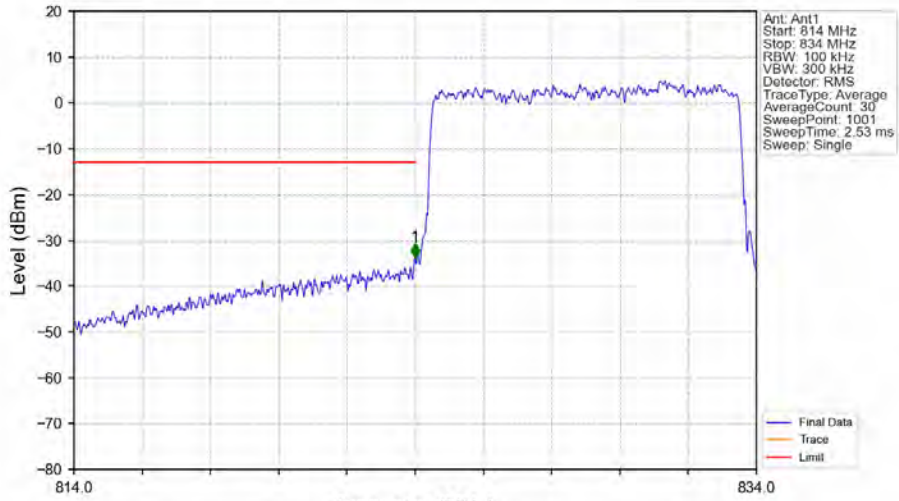
Band26b\_10MHz\_16QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV



Band26b\_10MHz\_16QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV

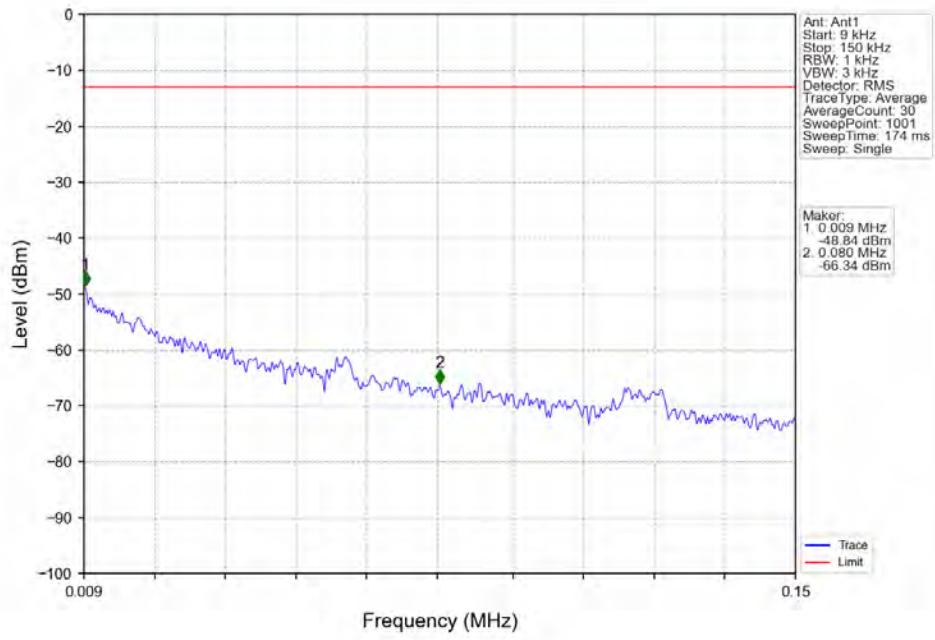


Band26b\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



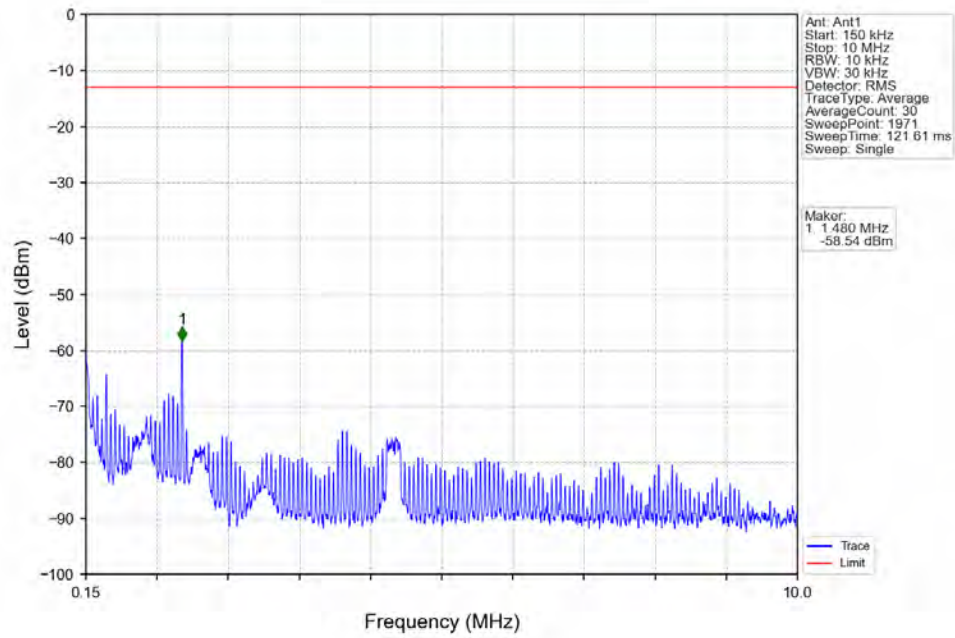
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	824.000	-33.71	-13	Pass
824	834	0.1	/	/	/	/	/	/

Band26b\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

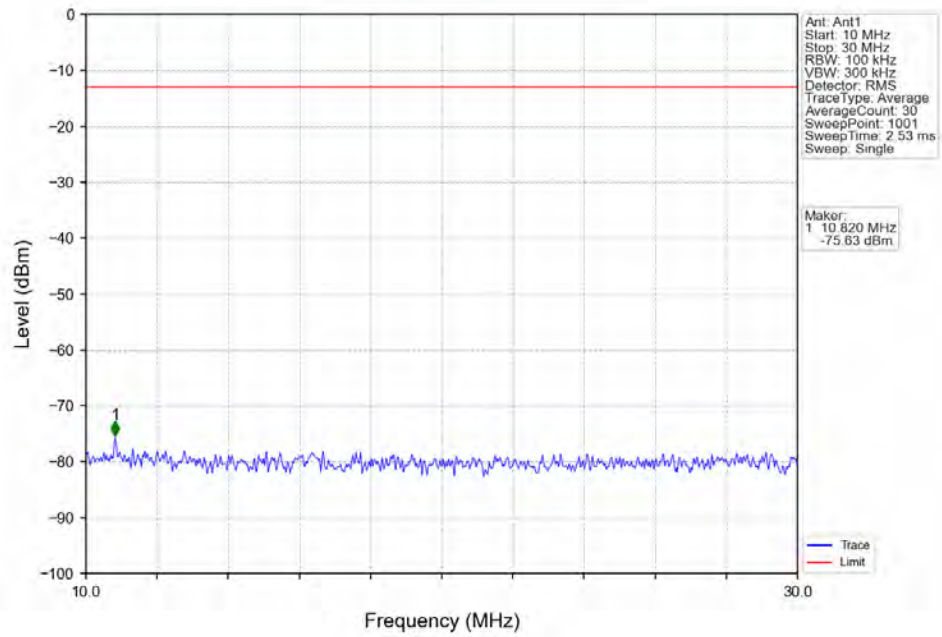


Band26b\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

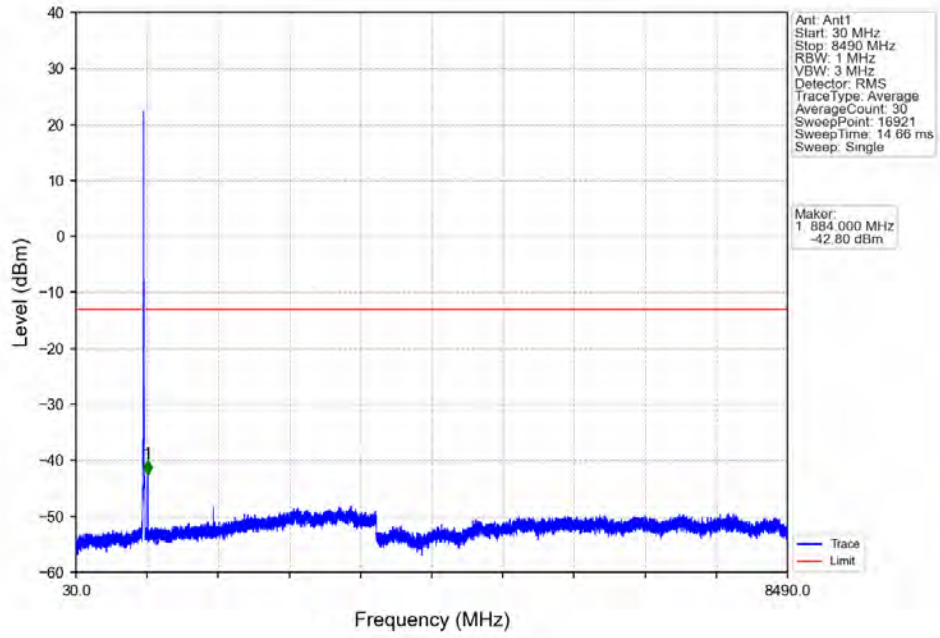




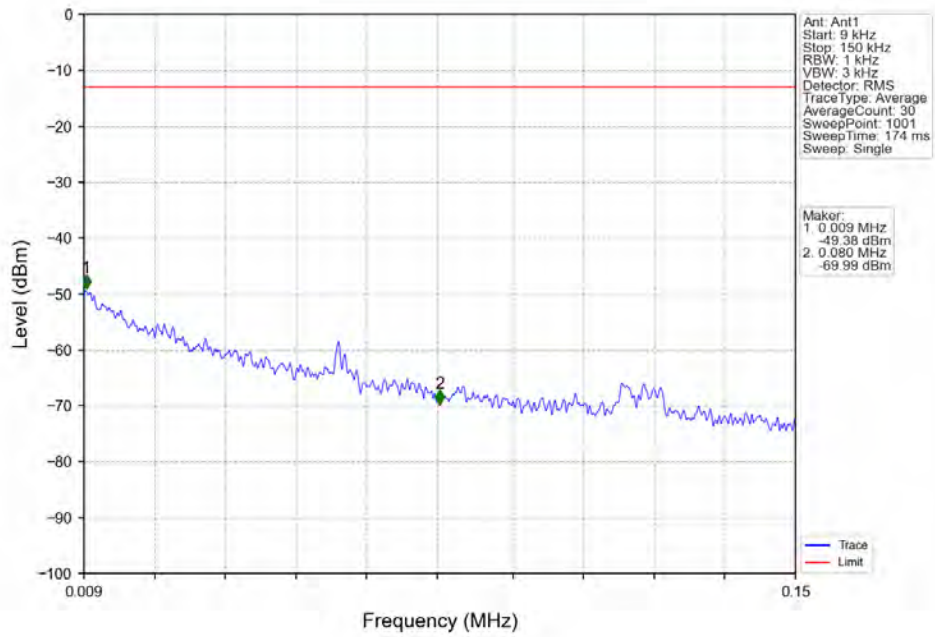
Band26b\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



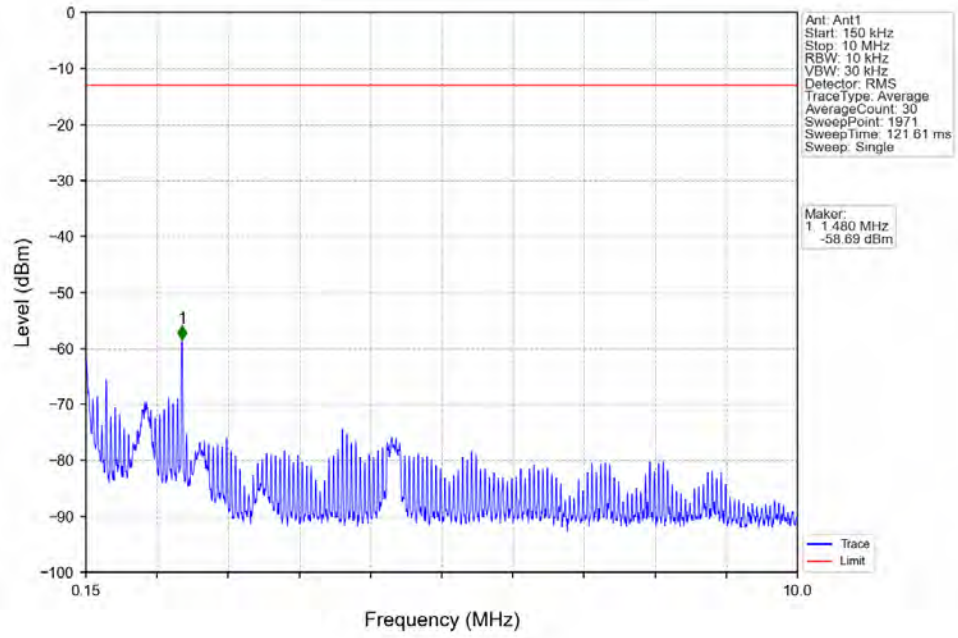
Band26b\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



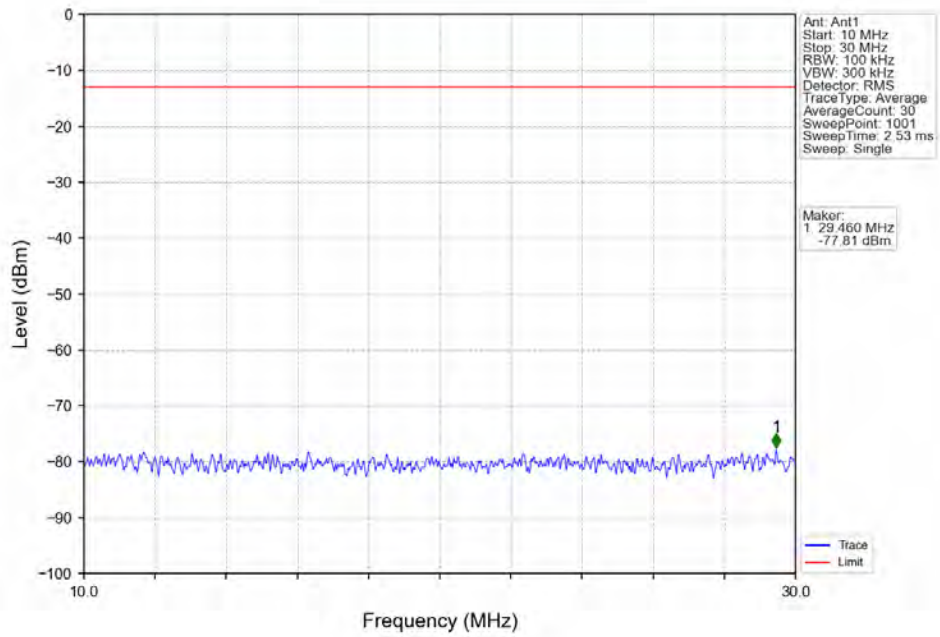
Band26b\_10MHz\_16QAM\_HCH\_844MHz\_RB\_1\_0\_NTNV



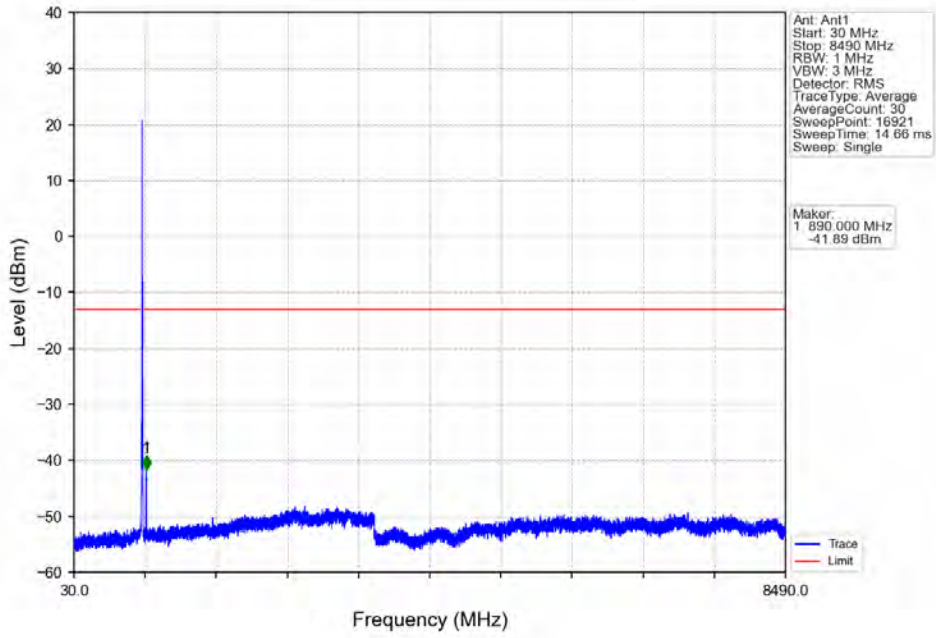
Band26b\_10MHz\_16QAM\_HCH\_844MHz\_RB\_1\_0\_NTNV



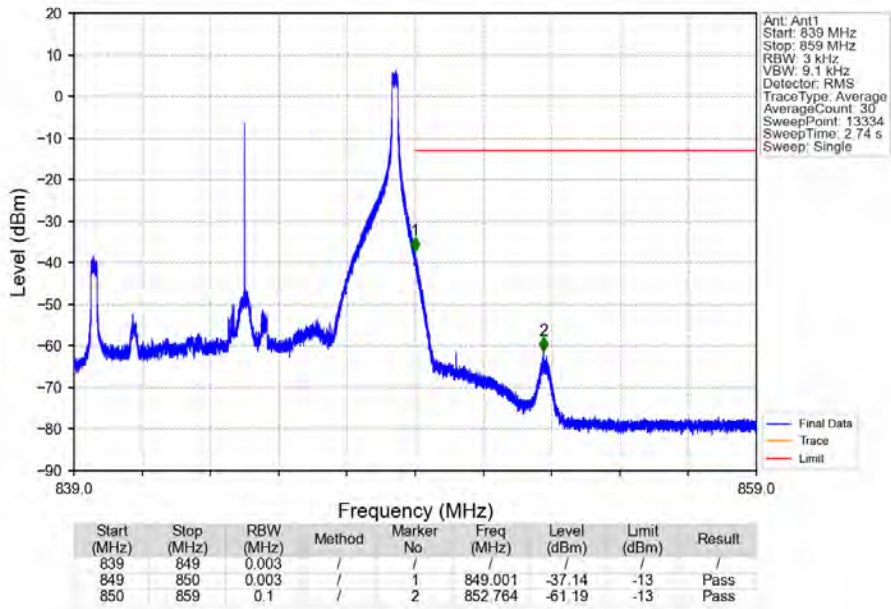
Band26b\_10MHz\_16QAM\_HCH\_844MHz\_RB\_1\_0\_NTNV



Band26b\_10MHz\_16QAM\_HCH\_844MHz\_RB\_1\_0\_NTNV

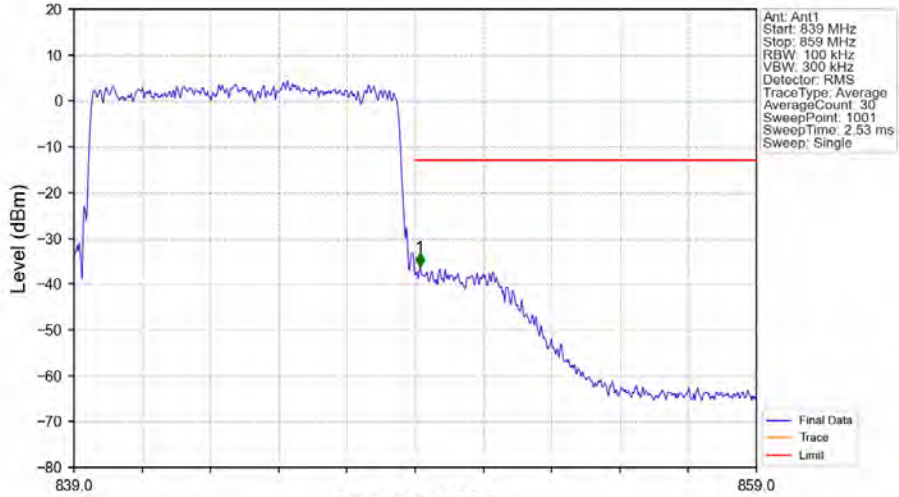


Band26b\_10MHz\_16QAM\_HCH\_844MHz\_RB\_1\_49\_NTNV



Band26b\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV





Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.140	-36.31	-13	Pass

## 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)
26b	1.4	824.7	848.3	0.2415	0.0045	ppm	1M12G7D	/	23.83
26b	1.4	824.7	848.3	0.1982	0.0072	ppm	1M12W7D	/	22.97
26b	3	825.5	847.5	0.2438	0.0046	ppm	2M75G7D	/	23.87
26b	3	825.5	847.5	0.2123	0.0084	ppm	2M73W7D	/	23.27
26b	5	826.5	846.5	0.2523	0.0164	ppm	4M56G7D	/	24.02
26b	5	826.5	846.5	0.2009	0.0058	ppm	4M57W7D	/	23.03
26b	10	829	844	0.2500	0.0056	ppm	9M08G7D	/	23.98
26b	10	829	844	0.2178	0.0060	ppm	9M05W7D	/	23.38

### 7.2 Form731\_ERP

#### 7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
26b	1.4	824.7	848.3	0.1524	0.0045	ppm	1M12G7D	/	21.83
26b	1.4	824.7	848.3	0.1250	0.0072	ppm	1M12W7D	/	20.97
26b	3	825.5	847.5	0.1538	0.0046	ppm	2M75G7D	/	21.87
26b	3	825.5	847.5	0.1340	0.0084	ppm	2M73W7D	/	21.27
26b	5	826.5	846.5	0.1592	0.0164	ppm	4M56G7D	/	22.02
26b	5	826.5	846.5	0.1268	0.0058	ppm	4M57W7D	/	21.03
26b	10	829	844	0.1578	0.0056	ppm	9M08G7D	/	21.98
26b	10	829	844	0.1374	0.0060	ppm	9M05W7D	/	21.38