

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B5\_1.4MHz\_ERP

### 1.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	824.7	1	0	23.85	0.00	21.70	<=38.45	Pass		
			2	23.99	0.00	21.84	<=38.45	Pass		
			5	23.88	0.00	21.73	<=38.45	Pass		
		3	0	23.71	0.00	21.56	<=38.45	Pass		
			2	23.74	0.00	21.59	<=38.45	Pass		
			3	23.71	0.00	21.56	<=38.45	Pass		
		6	0	22.88	0.00	20.73	<=38.45	Pass		
		836.5	1	0	23.69	0.00	21.54	<=38.45	Pass	
				2	23.73	0.00	21.58	<=38.45	Pass	
	5			23.66	0.00	21.51	<=38.45	Pass		
	3		0	23.73	0.00	21.58	<=38.45	Pass		
			2	23.75	0.00	21.60	<=38.45	Pass		
			3	23.66	0.00	21.51	<=38.45	Pass		
	6		0	22.72	0.00	20.57	<=38.45	Pass		
	848.3		1	0	23.62	0.00	21.47	<=38.45	Pass	
				2	23.81	0.00	21.66	<=38.45	Pass	
		5		23.79	0.00	21.64	<=38.45	Pass		
		3	0	23.63	0.00	21.48	<=38.45	Pass		
			2	23.62	0.00	21.47	<=38.45	Pass		
			3	23.54	0.00	21.39	<=38.45	Pass		
		6	0	22.74	0.00	20.59	<=38.45	Pass		
		16QAM	824.7	1	0	22.63	0.00	20.48	<=38.45	Pass
					2	22.74	0.00	20.59	<=38.45	Pass
	5				22.69	0.00	20.54	<=38.45	Pass	
3	0			22.65	0.00	20.50	<=38.45	Pass		
	2			22.66	0.00	20.51	<=38.45	Pass		
	3			22.60	0.00	20.45	<=38.45	Pass		
6	0			21.73	0.00	19.58	<=38.45	Pass		
836.5	1			0	22.76	0.00	20.61	<=38.45	Pass	
				2	22.87	0.00	20.72	<=38.45	Pass	
			5	22.75	0.00	20.60	<=38.45	Pass		
	3		0	22.68	0.00	20.53	<=38.45	Pass		
			2	22.70	0.00	20.55	<=38.45	Pass		
			3	22.69	0.00	20.54	<=38.45	Pass		
	6		0	21.79	0.00	19.64	<=38.45	Pass		
	848.3		1	0	22.49	0.00	20.34	<=38.45	Pass	
				2	22.56	0.00	20.41	<=38.45	Pass	
5				22.44	0.00	20.29	<=38.45	Pass		
3			0	22.74	0.00	20.59	<=38.45	Pass		
			2	22.71	0.00	20.56	<=38.45	Pass		
			3	22.63	0.00	20.48	<=38.45	Pass		
6			0	21.68	0.00	19.53	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.2 B5\_3MHz\_ERP

1.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTNv										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	825.5	1	0	24.01	0.00	21.86	<=38.45	Pass		
			7	24.09	0.00	21.94	<=38.45	Pass		
			14	24.04	0.00	21.89	<=38.45	Pass		
		8	0	22.87	0.00	20.72	<=38.45	Pass		
			4	22.94	0.00	20.79	<=38.45	Pass		
			7	22.89	0.00	20.74	<=38.45	Pass		
		15	0	22.75	0.00	20.60	<=38.45	Pass		
		836.5	1	0	23.75	0.00	21.60	<=38.45	Pass	
				7	23.90	0.00	21.75	<=38.45	Pass	
	14			23.76	0.00	21.61	<=38.45	Pass		
	8		0	22.77	0.00	20.62	<=38.45	Pass		
			4	22.79	0.00	20.64	<=38.45	Pass		
			7	22.74	0.00	20.59	<=38.45	Pass		
	15		0	22.75	0.00	20.60	<=38.45	Pass		
	847.5		1	0	23.77	0.00	21.62	<=38.45	Pass	
				7	23.88	0.00	21.73	<=38.45	Pass	
		14		23.95	0.00	21.80	<=38.45	Pass		
		8	0	22.72	0.00	20.57	<=38.45	Pass		
			4	22.79	0.00	20.64	<=38.45	Pass		
			7	22.76	0.00	20.61	<=38.45	Pass		
		15	0	22.72	0.00	20.57	<=38.45	Pass		
		16QAM	825.5	1	0	22.78	0.00	20.63	<=38.45	Pass
					7	22.85	0.00	20.70	<=38.45	Pass
	14				22.73	0.00	20.58	<=38.45	Pass	
8	0			21.87	0.00	19.72	<=38.45	Pass		
	4			21.92	0.00	19.77	<=38.45	Pass		
	7			21.86	0.00	19.71	<=38.45	Pass		
15	0			21.79	0.00	19.64	<=38.45	Pass		
836.5	1			0	22.91	0.00	20.76	<=38.45	Pass	
				7	23.05	0.00	20.90	<=38.45	Pass	
			14	22.85	0.00	20.70	<=38.45	Pass		
	8		0	21.81	0.00	19.66	<=38.45	Pass		
			4	21.85	0.00	19.70	<=38.45	Pass		
			7	21.77	0.00	19.62	<=38.45	Pass		
	15		0	21.78	0.00	19.63	<=38.45	Pass		
	847.5		1	0	23.19	0.00	21.04	<=38.45	Pass	
				7	23.27	0.00	21.12	<=38.45	Pass	
14				22.97	0.00	20.82	<=38.45	Pass		
8			0	21.94	0.00	19.79	<=38.45	Pass		
			4	22.01	0.00	19.86	<=38.45	Pass		
			7	21.91	0.00	19.76	<=38.45	Pass		
15			0	21.84	0.00	19.69	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.3 B5\_5MHz\_ERP

1.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	826.5	1	0	23.70	0.00	21.55	<=38.45	Pass		
			13	23.87	0.00	21.72	<=38.45	Pass		
			24	23.74	0.00	21.59	<=38.45	Pass		
		12	0	22.64	0.00	20.49	<=38.45	Pass		
			6	22.69	0.00	20.54	<=38.45	Pass		
			13	22.61	0.00	20.46	<=38.45	Pass		
		25	0	22.64	0.00	20.49	<=38.45	Pass		
		836.5	1	0	23.58	0.00	21.43	<=38.45	Pass	
				13	23.66	0.00	21.51	<=38.45	Pass	
	24			23.58	0.00	21.43	<=38.45	Pass		
	12		0	22.66	0.00	20.51	<=38.45	Pass		
			6	22.68	0.00	20.53	<=38.45	Pass		
			13	22.56	0.00	20.41	<=38.45	Pass		
	25		0	22.60	0.00	20.45	<=38.45	Pass		
	846.5		1	0	23.60	0.00	21.45	<=38.45	Pass	
				13	23.64	0.00	21.49	<=38.45	Pass	
		24		23.66	0.00	21.51	<=38.45	Pass		
		12	0	22.55	0.00	20.40	<=38.45	Pass		
			6	22.63	0.00	20.48	<=38.45	Pass		
			13	22.51	0.00	20.36	<=38.45	Pass		
		25	0	22.56	0.00	20.41	<=38.45	Pass		
		16QAM	826.5	1	0	22.59	0.00	20.44	<=38.45	Pass
					13	22.71	0.00	20.56	<=38.45	Pass
	24				22.61	0.00	20.46	<=38.45	Pass	
12	0			21.64	0.00	19.49	<=38.45	Pass		
	6			21.70	0.00	19.55	<=38.45	Pass		
	13			21.60	0.00	19.45	<=38.45	Pass		
25	0			21.64	0.00	19.49	<=38.45	Pass		
836.5	1			0	22.80	0.00	20.65	<=38.45	Pass	
				13	22.87	0.00	20.72	<=38.45	Pass	
			24	22.69	0.00	20.54	<=38.45	Pass		
	12		0	21.77	0.00	19.62	<=38.45	Pass		
			6	21.81	0.00	19.66	<=38.45	Pass		
			13	21.69	0.00	19.54	<=38.45	Pass		
	25		0	21.67	0.00	19.52	<=38.45	Pass		
	846.5		1	0	22.25	0.00	20.10	<=38.45	Pass	
				13	22.44	0.00	20.29	<=38.45	Pass	
24				22.27	0.00	20.12	<=38.45	Pass		
12			0	21.60	0.00	19.45	<=38.45	Pass		
			6	21.70	0.00	19.55	<=38.45	Pass		
			13	21.62	0.00	19.47	<=38.45	Pass		
25			0	21.65	0.00	19.50	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.4 B5\_10MHz\_ERP

1.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	829	1	0	23.83	0.00	21.68	<=38.45	Pass		
			25	23.99	0.00	21.84	<=38.45	Pass		
			49	23.68	0.00	21.53	<=38.45	Pass		
		25	0	22.73	0.00	20.58	<=38.45	Pass		
			13	22.70	0.00	20.55	<=38.45	Pass		
			25	22.67	0.00	20.52	<=38.45	Pass		
		50	0	22.66	0.00	20.51	<=38.45	Pass		
		836.5	1	0	23.64	0.00	21.49	<=38.45	Pass	
				25	23.83	0.00	21.68	<=38.45	Pass	
	49			23.74	0.00	21.59	<=38.45	Pass		
	25		0	22.72	0.00	20.57	<=38.45	Pass		
			13	22.74	0.00	20.59	<=38.45	Pass		
			25	22.60	0.00	20.45	<=38.45	Pass		
	50		0	22.66	0.00	20.51	<=38.45	Pass		
	844		1	0	23.68	0.00	21.53	<=38.45	Pass	
				25	24.08	0.00	21.93	<=38.45	Pass	
		49		23.71	0.00	21.56	<=38.45	Pass		
		25	0	22.70	0.00	20.55	<=38.45	Pass		
			13	22.65	0.00	20.50	<=38.45	Pass		
			25	22.58	0.00	20.43	<=38.45	Pass		
		50	0	22.66	0.00	20.51	<=38.45	Pass		
		16QAM	829	1	0	22.59	0.00	20.44	<=38.45	Pass
					25	22.78	0.00	20.63	<=38.45	Pass
	49				22.64	0.00	20.49	<=38.45	Pass	
25	0			21.78	0.00	19.63	<=38.45	Pass		
	13			21.75	0.00	19.60	<=38.45	Pass		
	25			21.80	0.00	19.65	<=38.45	Pass		
50	0			21.72	0.00	19.57	<=38.45	Pass		
836.5	1			0	22.73	0.00	20.58	<=38.45	Pass	
				25	22.95	0.00	20.80	<=38.45	Pass	
			49	22.65	0.00	20.50	<=38.45	Pass		
	25		0	21.79	0.00	19.64	<=38.45	Pass		
			13	21.81	0.00	19.66	<=38.45	Pass		
			25	21.66	0.00	19.51	<=38.45	Pass		
	50		0	21.71	0.00	19.56	<=38.45	Pass		
	844		1	0	22.93	0.00	20.78	<=38.45	Pass	
				25	23.08	0.00	20.93	<=38.45	Pass	
49				22.89	0.00	20.74	<=38.45	Pass		
25			0	21.71	0.00	19.56	<=38.45	Pass		
			13	21.67	0.00	19.52	<=38.45	Pass		
			25	21.71	0.00	19.56	<=38.45	Pass		
50			0	21.72	0.00	19.57	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

## 2. Frequency Stability

### 2.1 B5\_1.4MHz

#### 2.1.1 Test Result

Band: 5 / 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	-2.003	-0.0024	-2.5 to 2.5	Pass
					3.85	-2.704	-0.0033	-2.5 to 2.5	Pass
					4.43	-1.874	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.760	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-2.532	-0.0031	-2.5 to 2.5	Pass
				0	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.85	-3.004	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-2.689	-0.0033	-2.5 to 2.5	Pass
	40	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass			
	50	3.85	0.157	0.0002	-2.5 to 2.5	Pass			
	836.5	6	0	20	3.27	-9.413	-0.0113	-2.5 to 2.5	Pass
					3.85	-9.413	-0.0113	-2.5 to 2.5	Pass
					4.43	-8.597	-0.0103	-2.5 to 2.5	Pass
				-30	3.85	-8.655	-0.0103	-2.5 to 2.5	Pass
				-20	3.85	-9.212	-0.0110	-2.5 to 2.5	Pass
				-10	3.85	-8.926	-0.0107	-2.5 to 2.5	Pass
				0	3.85	-9.069	-0.0108	-2.5 to 2.5	Pass
				10	3.85	-9.942	-0.0119	-2.5 to 2.5	Pass
				30	3.85	-9.313	-0.0111	-2.5 to 2.5	Pass
	40	3.85	-10.128	-0.0121	-2.5 to 2.5	Pass			
	50	3.85	-6.051	-0.0072	-2.5 to 2.5	Pass			
	848.3	6	0	20	3.27	-5.565	-0.0066	-2.5 to 2.5	Pass
					3.85	-8.569	-0.0101	-2.5 to 2.5	Pass
					4.43	-4.563	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-5.379	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-9.985	-0.0118	-2.5 to 2.5	Pass
-10				3.85	-6.166	-0.0073	-2.5 to 2.5	Pass	
0				3.85	-6.695	-0.0079	-2.5 to 2.5	Pass	
10				3.85	-2.232	-0.0026	-2.5 to 2.5	Pass	
30				3.85	-3.161	-0.0037	-2.5 to 2.5	Pass	
40	3.85	0.529	0.0006	-2.5 to 2.5	Pass				
50	3.85	-4.377	-0.0052	-2.5 to 2.5	Pass				
16QAM	824.7	6	0	20	3.27	-0.401	-0.0005	-2.5 to 2.5	Pass
					3.85	-2.389	-0.0029	-2.5 to 2.5	Pass
					4.43	-2.518	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-6.151	-0.0075	-2.5 to 2.5	Pass
				-20	3.85	-9.127	-0.0111	-2.5 to 2.5	Pass
				-10	3.85	-9.241	-0.0112	-2.5 to 2.5	Pass
				0	3.85	-9.055	-0.0110	-2.5 to 2.5	Pass
				10	3.85	-10.042	-0.0122	-2.5 to 2.5	Pass
				30	3.85	-9.956	-0.0121	-2.5 to 2.5	Pass
	40	3.85	-9.055	-0.0110	-2.5 to 2.5	Pass			
	50	3.85	-12.617	-0.0153	-2.5 to 2.5	Pass			
	836.5	6	0	20	3.27	-8.554	-0.0102	-2.5 to 2.5	Pass
					3.85	-4.964	-0.0059	-2.5 to 2.5	Pass
					4.43	-4.191	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-7.753	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-4.134	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-8.540	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-4.177	-0.0050	-2.5 to 2.5	Pass
10				3.85	-3.920	-0.0047	-2.5 to 2.5	Pass	

				30	3.85	-6.781	-0.0081	-2.5 to 2.5	Pass
				40	3.85	-7.367	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-3.362	-0.0040	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-1.674	-0.0020	-2.5 to 2.5	Pass
					3.85	-0.644	-0.0008	-2.5 to 2.5	Pass
					4.43	-4.578	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-8.225	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-7.653	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-8.755	-0.0103	-2.5 to 2.5	Pass
				0	3.85	-6.237	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-6.123	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-7.482	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-6.037	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-9.198	-0.0108	-2.5 to 2.5	Pass

## 2.2 B5\_3MHz

### 2.2.1 Test Result

Band: 5 / 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	-7.668	-0.0093	-2.5 to 2.5	Pass			
					3.85	-8.140	-0.0099	-2.5 to 2.5	Pass			
					4.43	-8.769	-0.0106	-2.5 to 2.5	Pass			
				-30	3.85	-5.751	-0.0070	-2.5 to 2.5	Pass			
				-20	3.85	-1.459	-0.0018	-2.5 to 2.5	Pass			
				-10	3.85	-2.317	-0.0028	-2.5 to 2.5	Pass			
				0	3.85	-6.266	-0.0076	-2.5 to 2.5	Pass			
				10	3.85	-10.357	-0.0125	-2.5 to 2.5	Pass			
				30	3.85	-5.722	-0.0069	-2.5 to 2.5	Pass			
				40	3.85	-8.469	-0.0103	-2.5 to 2.5	Pass			
				50	3.85	-6.509	-0.0079	-2.5 to 2.5	Pass			
				836.5	15	0	20	3.27	-5.178	-0.0062	-2.5 to 2.5	Pass
								3.85	-3.290	-0.0039	-2.5 to 2.5	Pass
								4.43	-7.167	-0.0086	-2.5 to 2.5	Pass
							-30	3.85	-3.819	-0.0046	-2.5 to 2.5	Pass
	-20	3.85	-5.107				-0.0061	-2.5 to 2.5	Pass			
	-10	3.85	-4.063				-0.0049	-2.5 to 2.5	Pass			
	0	3.85	-4.106				-0.0049	-2.5 to 2.5	Pass			
	10	3.85	-8.082				-0.0097	-2.5 to 2.5	Pass			
	30	3.85	-5.021				-0.0060	-2.5 to 2.5	Pass			
	40	3.85	-2.260				-0.0027	-2.5 to 2.5	Pass			
	50	3.85	-7.138				-0.0085	-2.5 to 2.5	Pass			
	847.5	15	0				20	3.27	-5.836	-0.0069	-2.5 to 2.5	Pass
								3.85	-3.033	-0.0036	-2.5 to 2.5	Pass
								4.43	-3.262	-0.0038	-2.5 to 2.5	Pass
							-30	3.85	-3.762	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-3.548	-0.0042	-2.5 to 2.5	Pass			
				-10	3.85	-2.704	-0.0032	-2.5 to 2.5	Pass			
				0	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass			
				10	3.85	-2.789	-0.0033	-2.5 to 2.5	Pass			

				30	3.85	0.501	0.0006	-2.5 to 2.5	Pass
				40	3.85	-3.633	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-0.215	-0.0003	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-6.824	-0.0083	-2.5 to 2.5	Pass
					3.85	-6.509	-0.0079	-2.5 to 2.5	Pass
					4.43	-6.452	-0.0078	-2.5 to 2.5	Pass
				-30	3.85	-6.809	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-6.523	-0.0079	-2.5 to 2.5	Pass
				-10	3.85	-6.609	-0.0080	-2.5 to 2.5	Pass
				0	3.85	-6.480	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-6.881	-0.0083	-2.5 to 2.5	Pass
				30	3.85	-5.879	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-6.051	-0.0073	-2.5 to 2.5	Pass
	50	3.85	-5.922	-0.0072	-2.5 to 2.5	Pass			
	836.5	15	0	20	3.27	-6.852	-0.0082	-2.5 to 2.5	Pass
					3.85	-5.021	-0.0060	-2.5 to 2.5	Pass
					4.43	-1.903	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-5.422	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-5.322	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-2.947	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-5.307	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-3.977	-0.0048	-2.5 to 2.5	Pass
				30	3.85	0.157	0.0002	-2.5 to 2.5	Pass
				40	3.85	-3.963	-0.0047	-2.5 to 2.5	Pass
	50	3.85	-2.332	-0.0028	-2.5 to 2.5	Pass			
	847.5	15	0	20	3.27	-2.747	-0.0032	-2.5 to 2.5	Pass
					3.85	-6.351	-0.0075	-2.5 to 2.5	Pass
					4.43	-6.795	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-8.011	-0.0095	-2.5 to 2.5	Pass
				-20	3.85	-3.819	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-4.663	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-7.668	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-9.227	-0.0109	-2.5 to 2.5	Pass
30				3.85	-4.964	-0.0059	-2.5 to 2.5	Pass	
40				3.85	-1.459	-0.0017	-2.5 to 2.5	Pass	
50	3.85	-5.465	-0.0064	-2.5 to 2.5	Pass				

## 2.3 B5\_5MHz

### 2.3.1 Test Result

Band: 5 / 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	-3.691	-0.0045	-2.5 to 2.5	Pass
					3.85	-3.161	-0.0038	-2.5 to 2.5	Pass
					4.43	-7.038	-0.0085	-2.5 to 2.5	Pass
				-30	3.85	-5.322	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-6.866	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-8.454	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-4.377	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-5.436	-0.0066	-2.5 to 2.5	Pass

	836.5	25	0	30	3.85	-4.334	-0.0052	-2.5 to 2.5	Pass			
				40	3.85	-2.103	-0.0025	-2.5 to 2.5	Pass			
				50	3.85	-3.090	-0.0037	-2.5 to 2.5	Pass			
				20	3.27	-8.168	-0.0098	-2.5 to 2.5	Pass			
					3.85	-3.033	-0.0036	-2.5 to 2.5	Pass			
					4.43	-4.234	-0.0051	-2.5 to 2.5	Pass			
				-30	3.85	-3.090	-0.0037	-2.5 to 2.5	Pass			
				-20	3.85	-4.091	-0.0049	-2.5 to 2.5	Pass			
				-10	3.85	-5.994	-0.0072	-2.5 to 2.5	Pass			
	0	3.85	-6.638	-0.0079	-2.5 to 2.5	Pass						
	10	3.85	-4.821	-0.0058	-2.5 to 2.5	Pass						
	30	3.85	-4.334	-0.0052	-2.5 to 2.5	Pass						
	40	3.85	-6.323	-0.0076	-2.5 to 2.5	Pass						
	50	3.85	-5.436	-0.0065	-2.5 to 2.5	Pass						
	846.5	25	0	20	3.27	-5.093	-0.0060	-2.5 to 2.5	Pass			
					3.85	-4.263	-0.0050	-2.5 to 2.5	Pass			
					4.43	-2.933	-0.0035	-2.5 to 2.5	Pass			
				-30	3.85	-3.691	-0.0044	-2.5 to 2.5	Pass			
				-20	3.85	-4.220	-0.0050	-2.5 to 2.5	Pass			
				-10	3.85	-4.749	-0.0056	-2.5 to 2.5	Pass			
				0	3.85	-1.616	-0.0019	-2.5 to 2.5	Pass			
				10	3.85	-3.390	-0.0040	-2.5 to 2.5	Pass			
				30	3.85	-2.475	-0.0029	-2.5 to 2.5	Pass			
				40	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass			
				50	3.85	-8.526	-0.0101	-2.5 to 2.5	Pass			
16QAM				826.5	25	0	20	3.27	-4.592	-0.0056	-2.5 to 2.5	Pass
								3.85	-4.163	-0.0050	-2.5 to 2.5	Pass
	4.43	-3.977	-0.0048					-2.5 to 2.5	Pass			
	-30	3.85	-2.689				-0.0033	-2.5 to 2.5	Pass			
	-20	3.85	-2.718				-0.0033	-2.5 to 2.5	Pass			
	-10	3.85	0.486				0.0006	-2.5 to 2.5	Pass			
	0	3.85	-2.747				-0.0033	-2.5 to 2.5	Pass			
	10	3.85	-2.561				-0.0031	-2.5 to 2.5	Pass			
	30	3.85	-2.847				-0.0034	-2.5 to 2.5	Pass			
	40	3.85	-2.975	-0.0036	-2.5 to 2.5	Pass						
	50	3.85	-2.303	-0.0028	-2.5 to 2.5	Pass						
	836.5	25	0	20	3.27	-2.775	-0.0033	-2.5 to 2.5	Pass			
					3.85	-2.017	-0.0024	-2.5 to 2.5	Pass			
					4.43	-1.774	-0.0021	-2.5 to 2.5	Pass			
				-30	3.85	-2.789	-0.0033	-2.5 to 2.5	Pass			
				-20	3.85	-1.531	-0.0018	-2.5 to 2.5	Pass			
				-10	3.85	-1.802	-0.0022	-2.5 to 2.5	Pass			
				0	3.85	-1.874	-0.0022	-2.5 to 2.5	Pass			
				10	3.85	-0.315	-0.0004	-2.5 to 2.5	Pass			
				30	3.85	-2.046	-0.0024	-2.5 to 2.5	Pass			
	40	3.85	-0.172	-0.0002	-2.5 to 2.5	Pass						
	50	3.85	-0.243	-0.0003	-2.5 to 2.5	Pass						
	846.5	25	0	20	3.27	-8.540	-0.0101	-2.5 to 2.5	Pass			
					3.85	-7.939	-0.0094	-2.5 to 2.5	Pass			
					4.43	-5.279	-0.0062	-2.5 to 2.5	Pass			
-30				3.85	-5.522	-0.0065	-2.5 to 2.5	Pass				
-20				3.85	-6.051	-0.0071	-2.5 to 2.5	Pass				
-10				3.85	-6.123	-0.0072	-2.5 to 2.5	Pass				
0				3.85	-5.465	-0.0065	-2.5 to 2.5	Pass				
10	3.85	-5.822	-0.0069	-2.5 to 2.5	Pass							



				30	3.85	-2.131	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-2.189	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-3.333	-0.0039	-2.5 to 2.5	Pass

2.4 B5\_10MHz

2.4.1 Test Result

Band: 5 / 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	-6.752	-0.0081	-2.5 to 2.5	Pass
					3.85	-7.553	-0.0091	-2.5 to 2.5	Pass
					4.43	-7.024	-0.0085	-2.5 to 2.5	Pass
				-30	3.85	-9.456	-0.0114	-2.5 to 2.5	Pass
				-20	3.85	-9.499	-0.0115	-2.5 to 2.5	Pass
				-10	3.85	-9.742	-0.0118	-2.5 to 2.5	Pass
				0	3.85	-7.353	-0.0089	-2.5 to 2.5	Pass
				10	3.85	-6.638	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-6.223	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-6.623	-0.0080	-2.5 to 2.5	Pass
	50	3.85	-5.078	-0.0061	-2.5 to 2.5	Pass			
	836.5	50	0	20	3.27	-2.403	-0.0029	-2.5 to 2.5	Pass
					3.85	-2.489	-0.0030	-2.5 to 2.5	Pass
					4.43	-3.433	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-2.990	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-3.562	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-4.148	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-4.606	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-4.864	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-2.704	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-2.575	-0.0031	-2.5 to 2.5	Pass
	50	3.85	0.472	0.0006	-2.5 to 2.5	Pass			
	844	50	0	20	3.27	-8.311	-0.0098	-2.5 to 2.5	Pass
					3.85	-2.289	-0.0027	-2.5 to 2.5	Pass
					4.43	-2.432	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-3.304	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-3.176	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-1.416	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-0.787	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-5.779	-0.0068	-2.5 to 2.5	Pass
30				3.85	-9.985	-0.0118	-2.5 to 2.5	Pass	
40				3.85	-6.909	-0.0082	-2.5 to 2.5	Pass	
50	3.85	-7.124	-0.0084	-2.5 to 2.5	Pass				
16QAM	829	50	0	20	3.27	-3.991	-0.0048	-2.5 to 2.5	Pass
					3.85	-6.123	-0.0074	-2.5 to 2.5	Pass
					4.43	-5.479	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-5.307	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-5.393	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-5.350	-0.0065	-2.5 to 2.5	Pass
0	3.85	-5.093	-0.0061	-2.5 to 2.5	Pass				
10	3.85	-5.522	-0.0067	-2.5 to 2.5	Pass				

	836.5	50	0	30	3.85	-4.663	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-1.359	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-3.161	-0.0038	-2.5 to 2.5	Pass
				20	3.27	-0.186	-0.0002	-2.5 to 2.5	Pass
					3.85	-10.772	-0.0129	-2.5 to 2.5	Pass
					4.43	-7.925	-0.0095	-2.5 to 2.5	Pass
				-30	3.85	-8.068	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-7.424	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-7.753	-0.0093	-2.5 to 2.5	Pass
				0	3.85	-7.553	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-8.612	-0.0103	-2.5 to 2.5	Pass
				30	3.85	-8.783	-0.0105	-2.5 to 2.5	Pass
				40	3.85	-8.326	-0.0100	-2.5 to 2.5	Pass
				50	3.85	-7.668	-0.0092	-2.5 to 2.5	Pass
				844	50	0	20	3.27	-5.951
	3.85	-4.849	-0.0057					-2.5 to 2.5	Pass
	4.43	-4.392	-0.0052					-2.5 to 2.5	Pass
	-30	3.85	-6.094				-0.0072	-2.5 to 2.5	Pass
	-20	3.85	-5.536				-0.0066	-2.5 to 2.5	Pass
	-10	3.85	-5.851				-0.0069	-2.5 to 2.5	Pass
	0	3.85	-5.450				-0.0065	-2.5 to 2.5	Pass
	10	3.85	-4.978				-0.0059	-2.5 to 2.5	Pass
	30	3.85	-5.579				-0.0066	-2.5 to 2.5	Pass
	40	3.85	-5.393				-0.0064	-2.5 to 2.5	Pass
50	3.85	-1.731	-0.0021				-2.5 to 2.5	Pass	

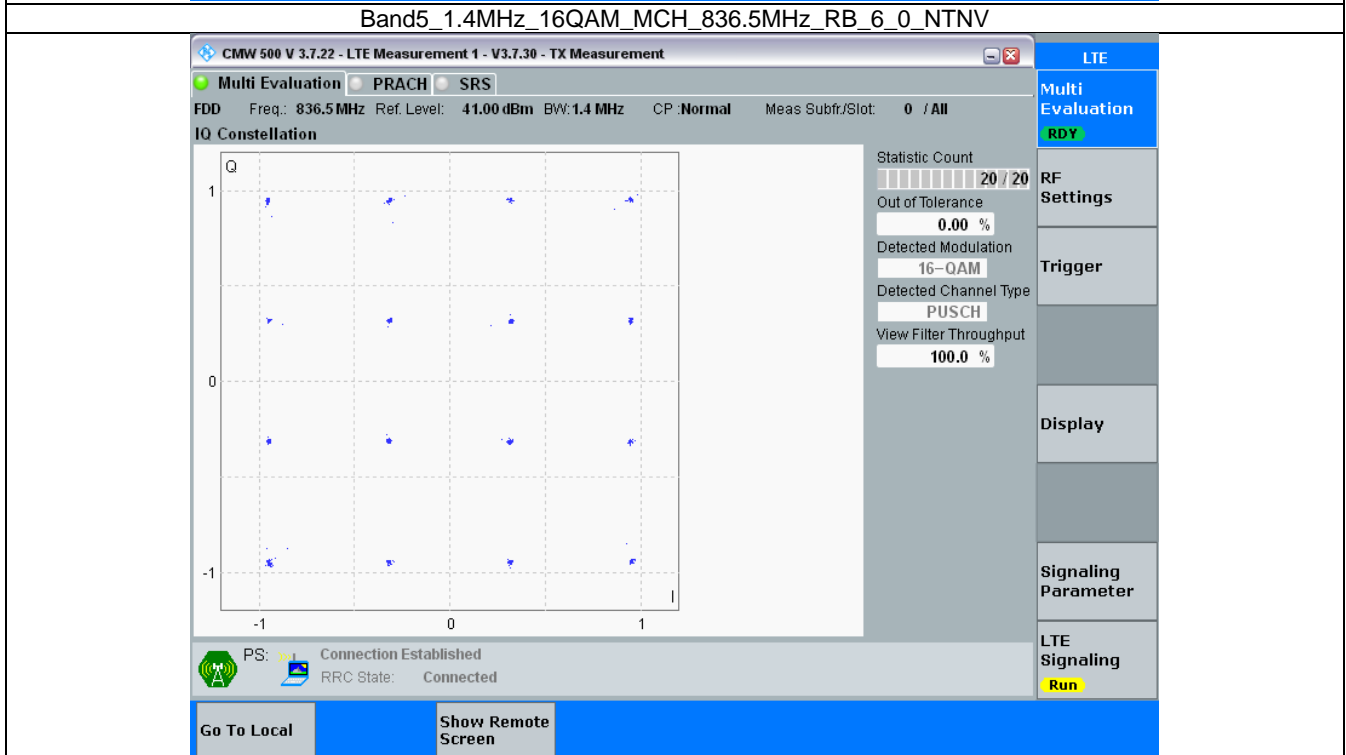
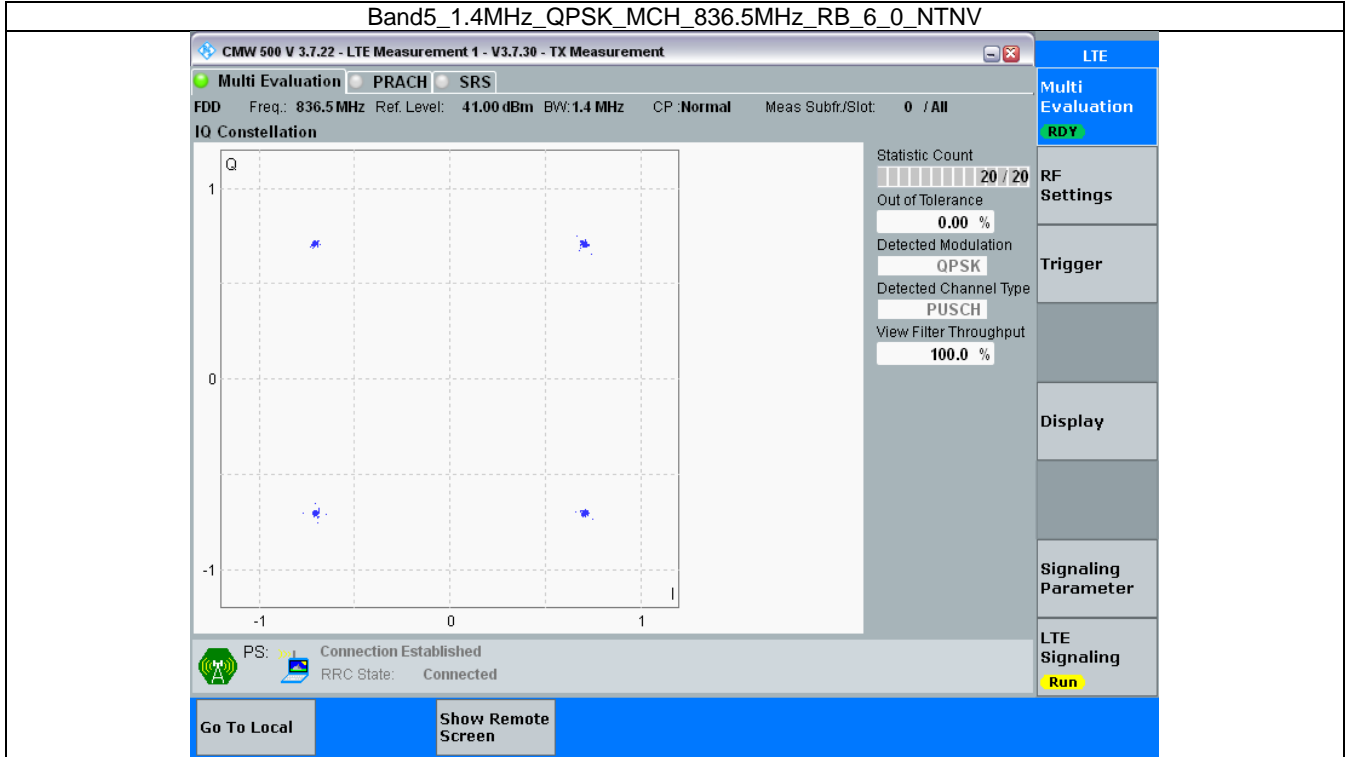
### 3. Modulation Characteristics

#### 3.1 B5\_1.4MHz

##### 3.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV						
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

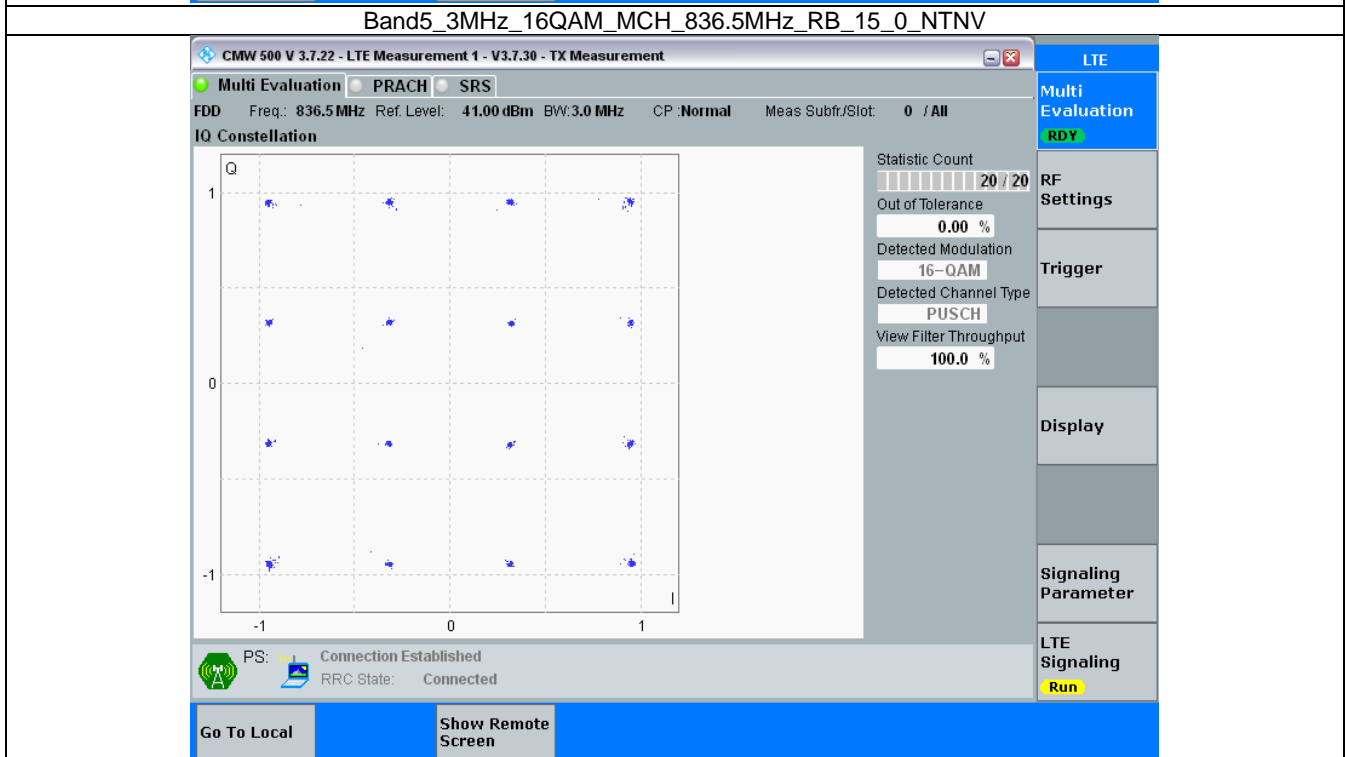
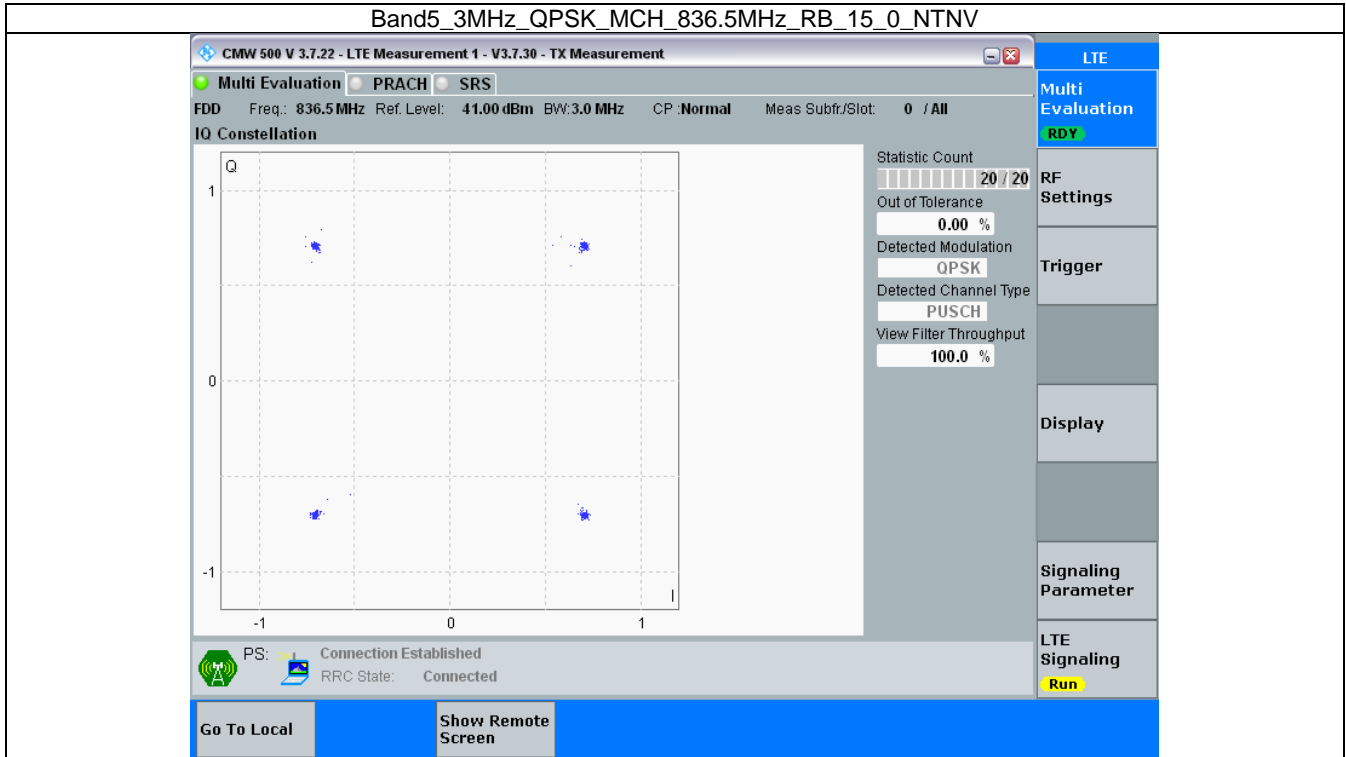


### 3.2 B5\_3MHz

#### 3.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTN						
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

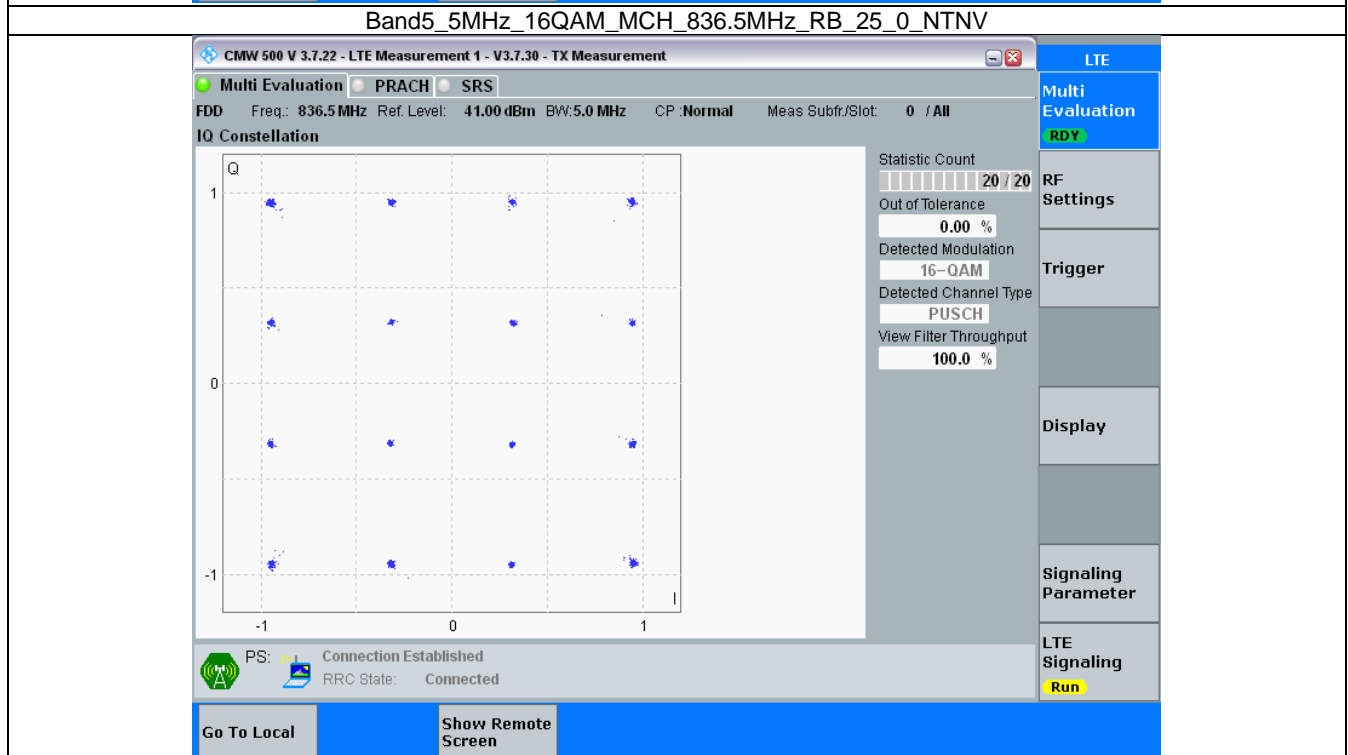
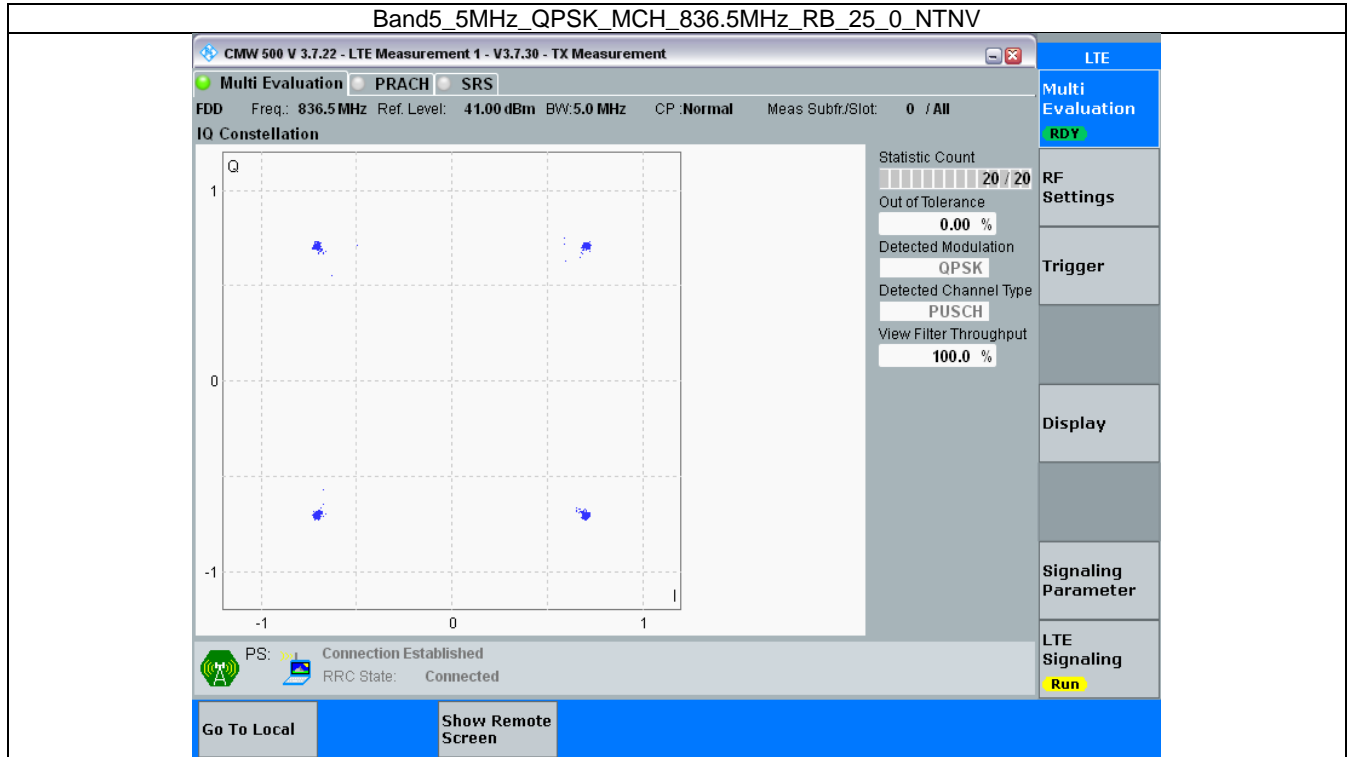


### 3.3 B5\_5MHz

#### 3.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTN						
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



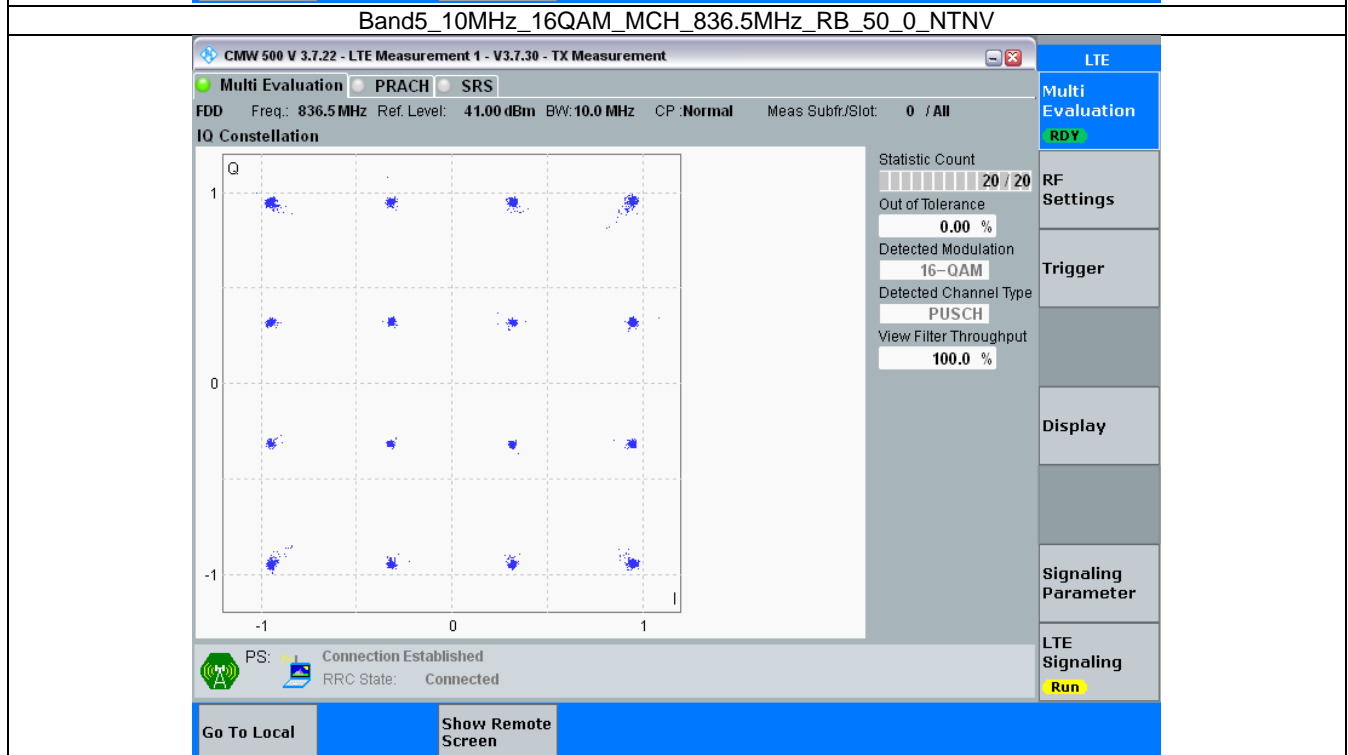
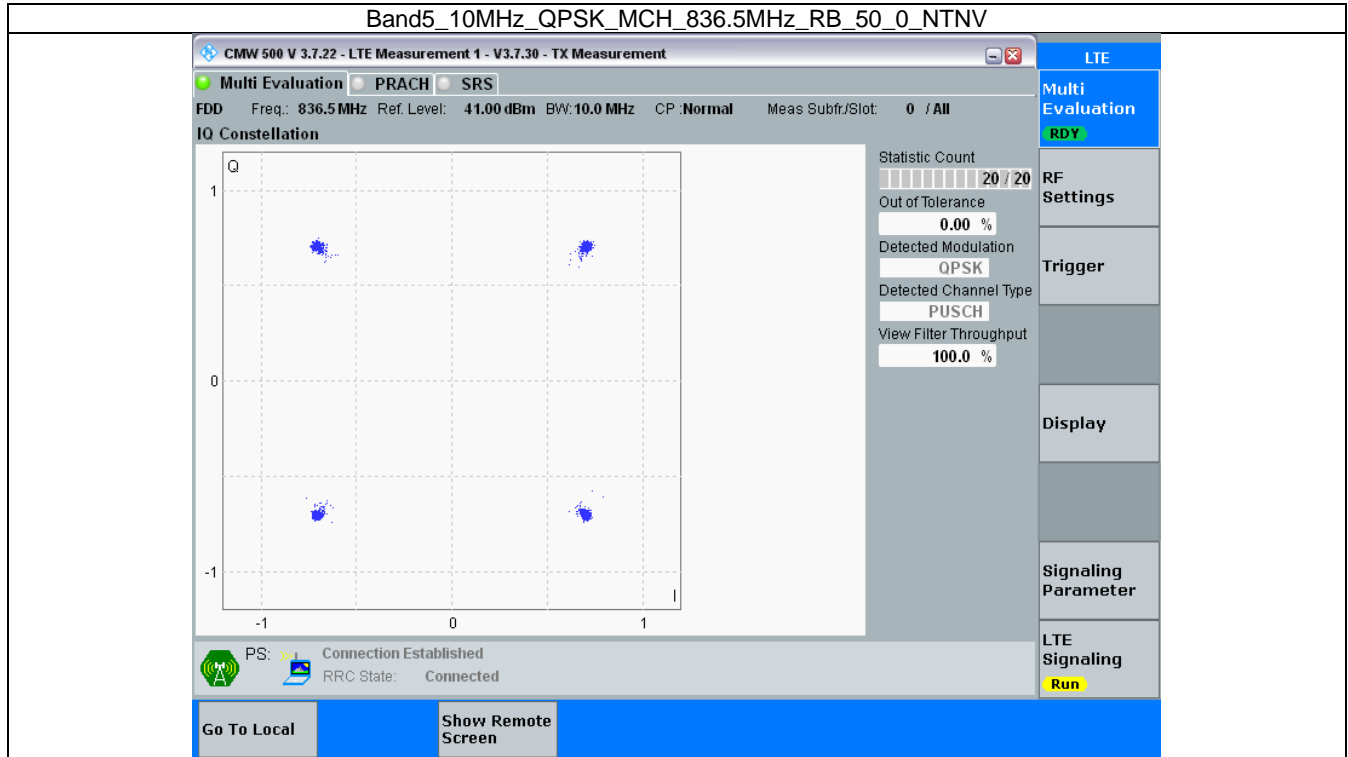
3.4 B5\_10MHz

3.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTV						
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



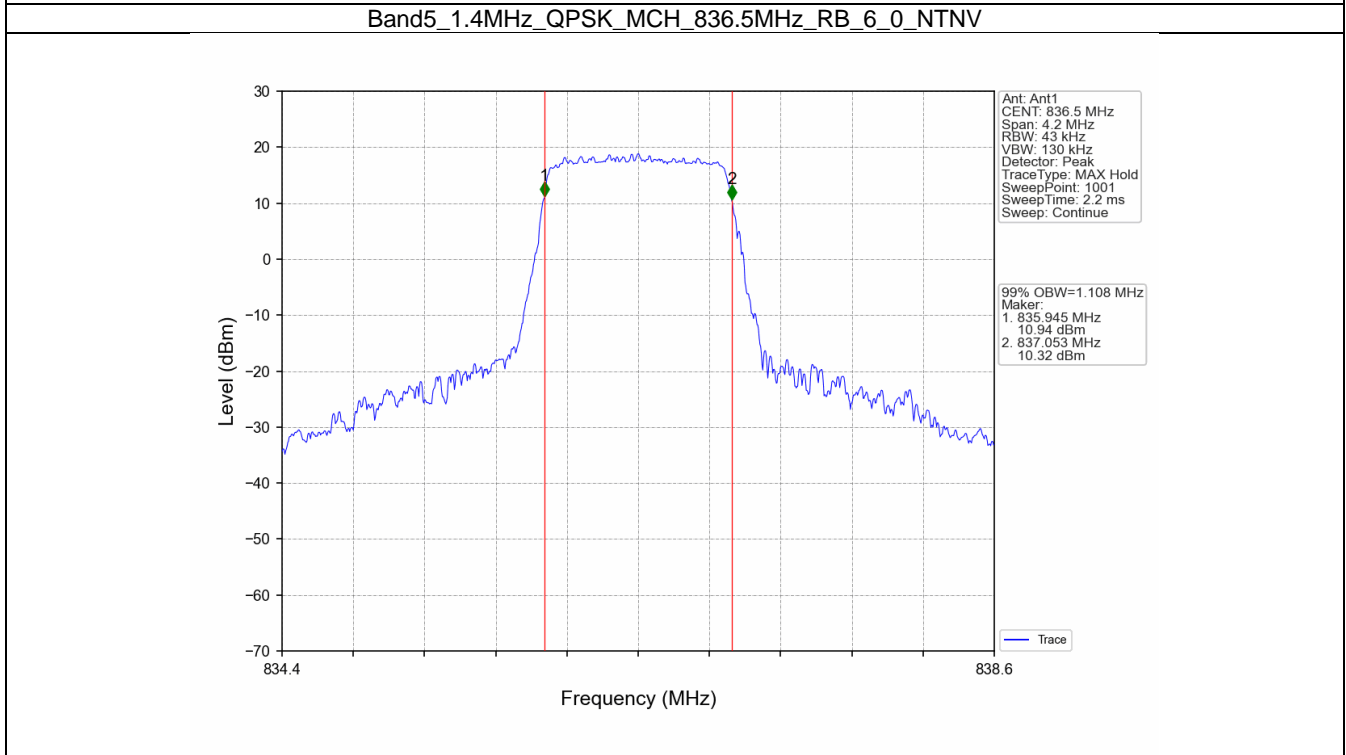
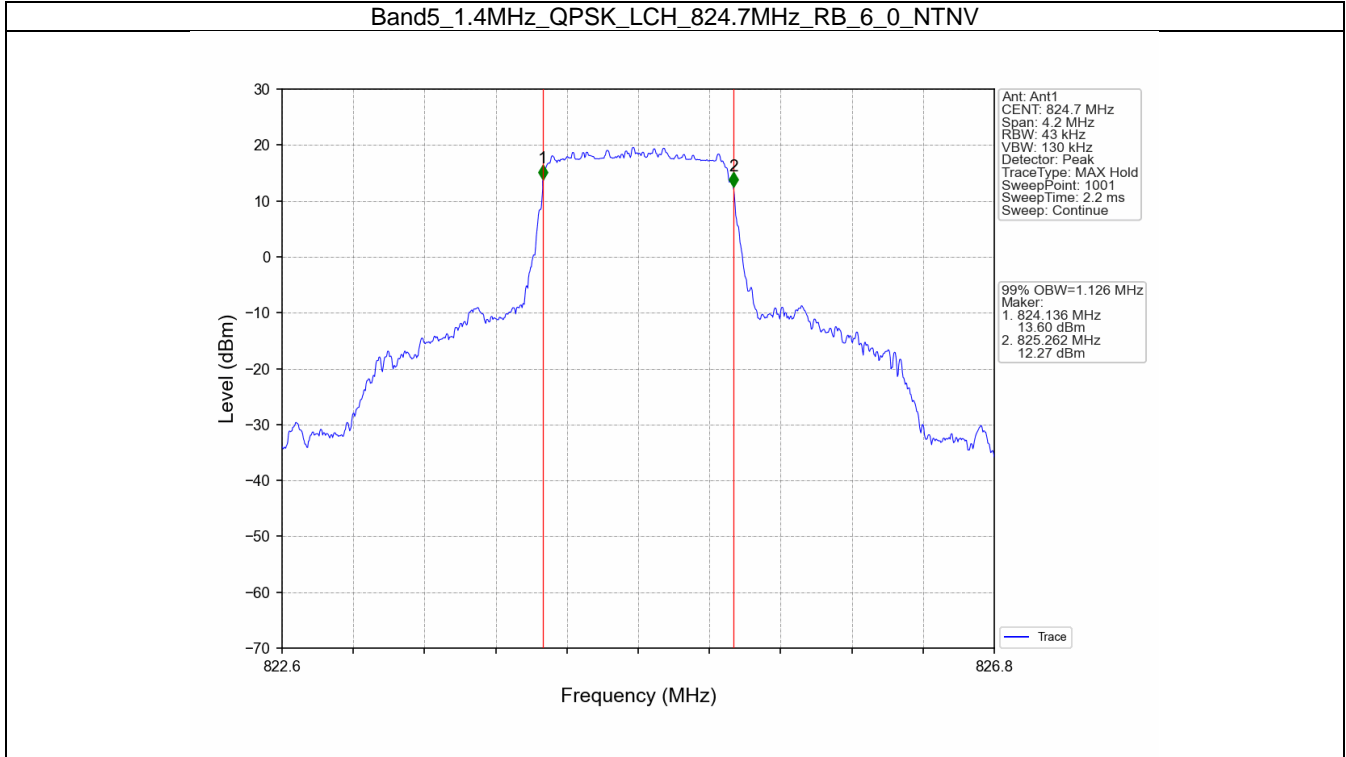
4. 99% & 26dB Bandwidth

4.1 Band5\_OBW

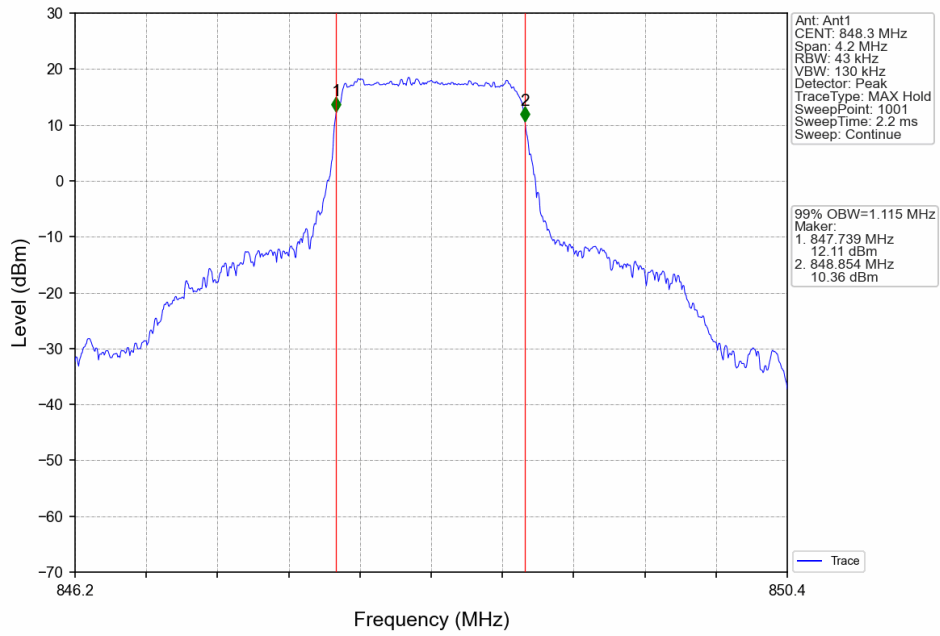
4.1.1 Test Result

Band: 5 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.126	Pass
		836.5	6	0	1.108	Pass
		848.3	6	0	1.115	Pass
	16QAM	824.7	6	0	1.112	Pass
		836.5	6	0	1.097	Pass
		848.3	6	0	1.110	Pass
3	QPSK	825.5	15	0	2.741	Pass
		836.5	15	0	2.720	Pass
		847.5	15	0	2.722	Pass
	16QAM	825.5	15	0	2.726	Pass
		836.5	15	0	2.730	Pass
		847.5	15	0	2.725	Pass
5	QPSK	826.5	25	0	4.586	Pass
		836.5	25	0	4.549	Pass
		846.5	25	0	4.584	Pass
	16QAM	826.5	25	0	4.604	Pass
		836.5	25	0	4.579	Pass
		846.5	25	0	4.557	Pass
10	QPSK	829	50	0	9.130	Pass
		836.5	50	0	9.057	Pass
		844	50	0	9.139	Pass
	16QAM	829	50	0	9.097	Pass
		836.5	50	0	9.062	Pass
		844	50	0	9.085	Pass

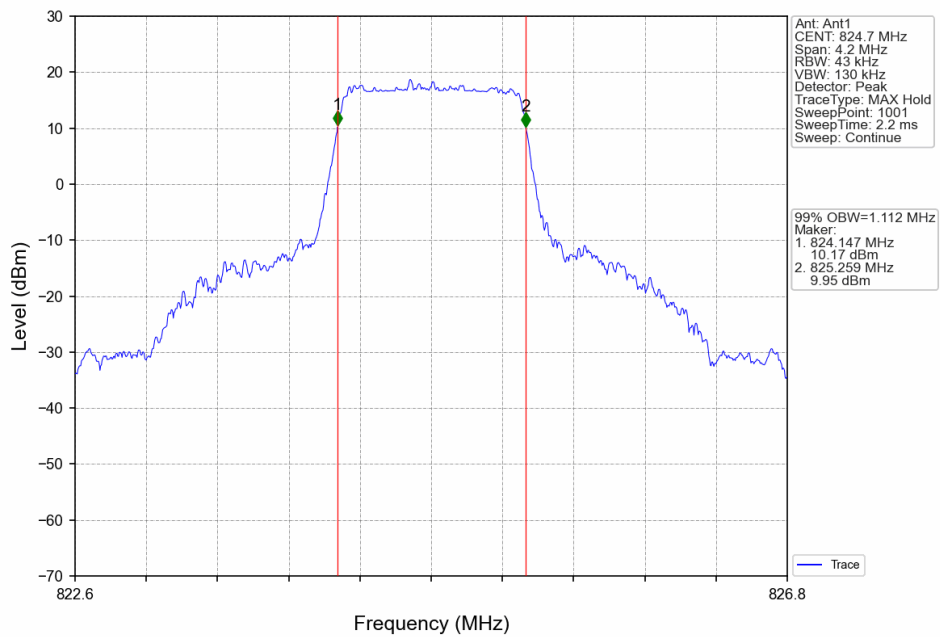
4.1.2 Test Graph



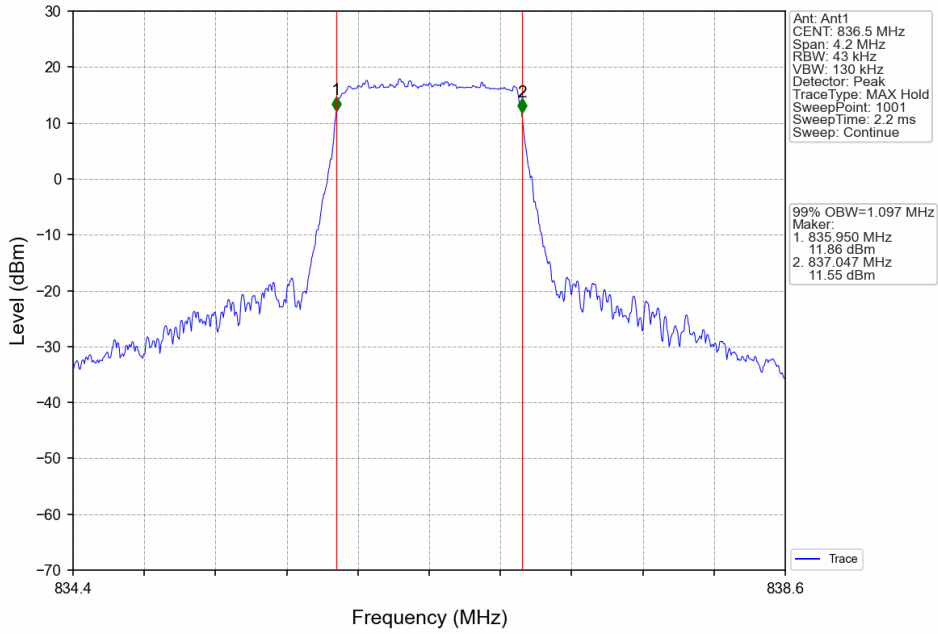
Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



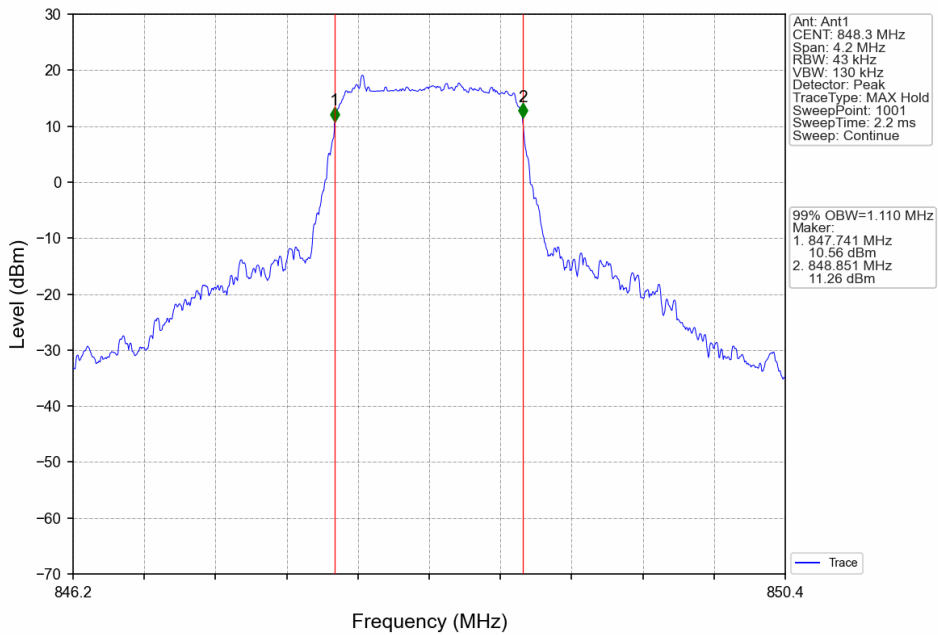
Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



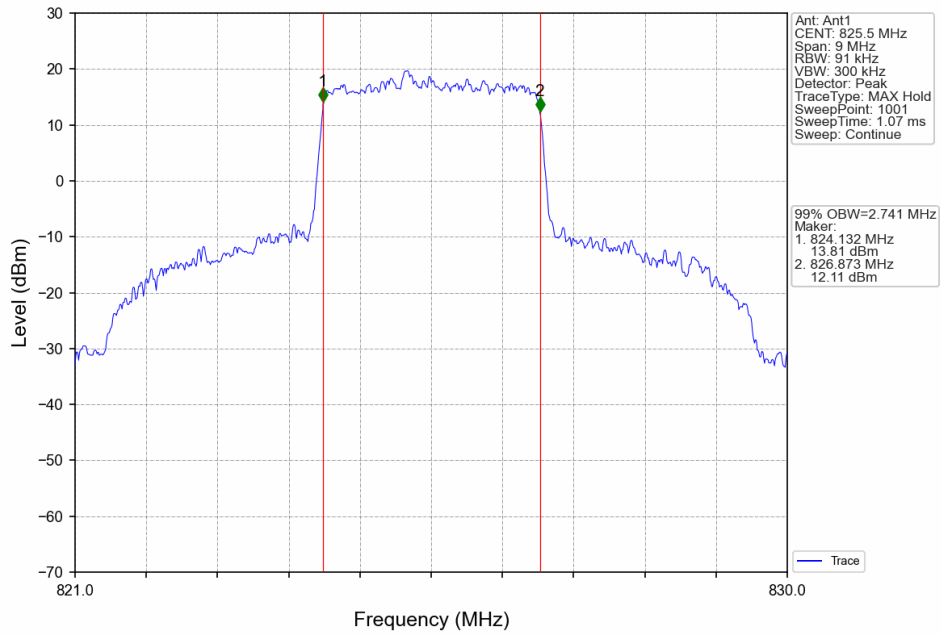
Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



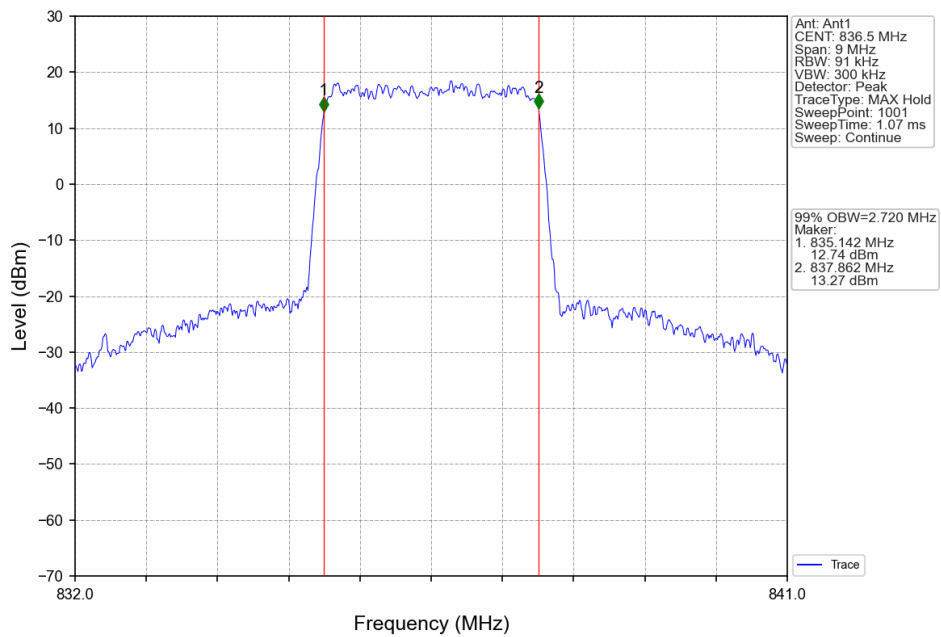
Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



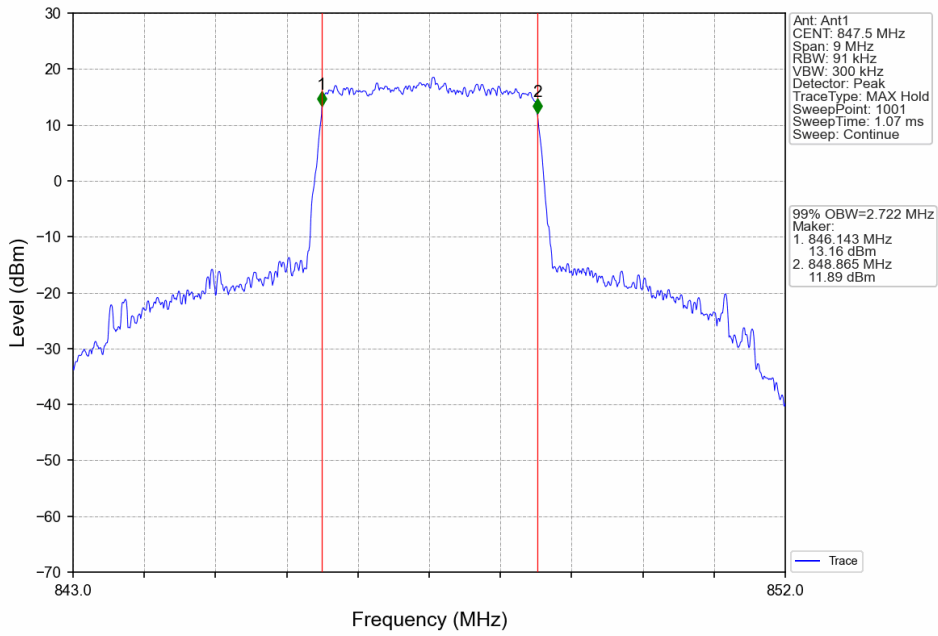
Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



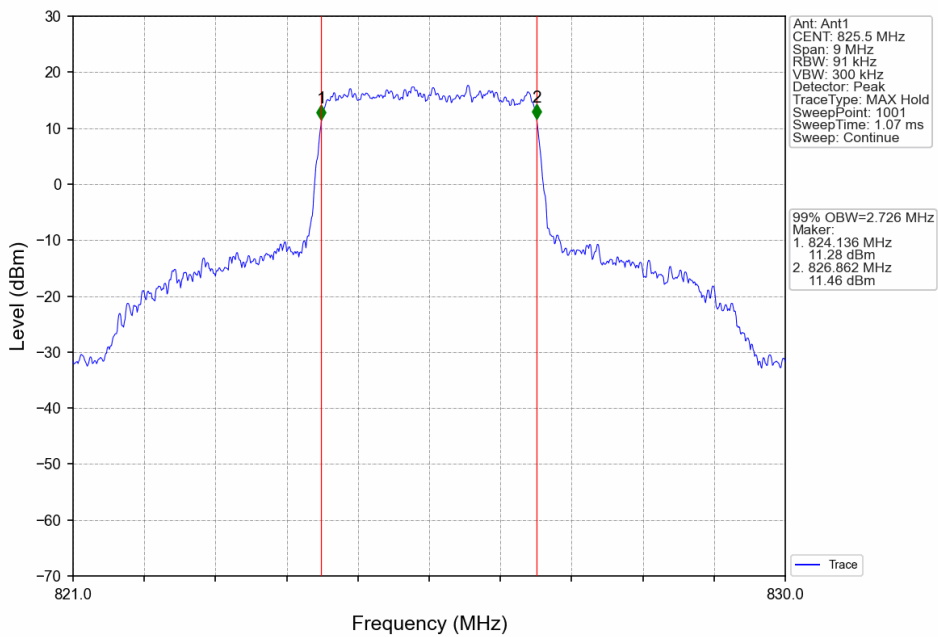
Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



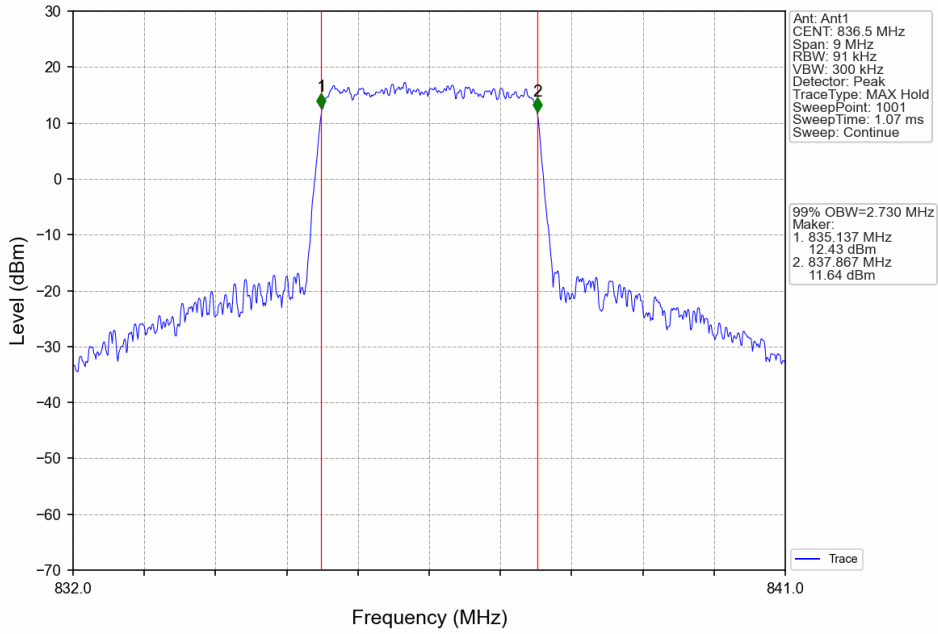
Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



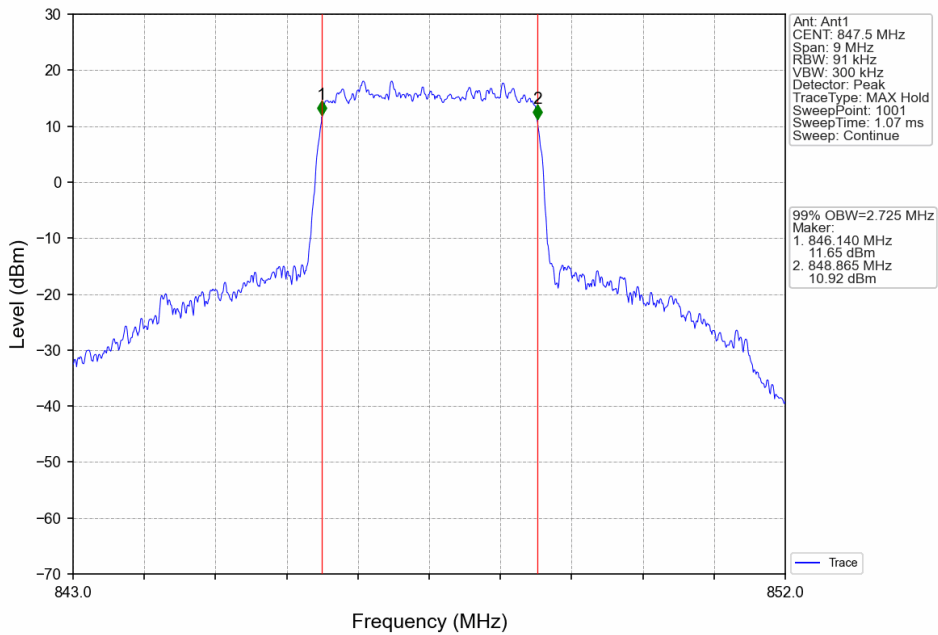
Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV

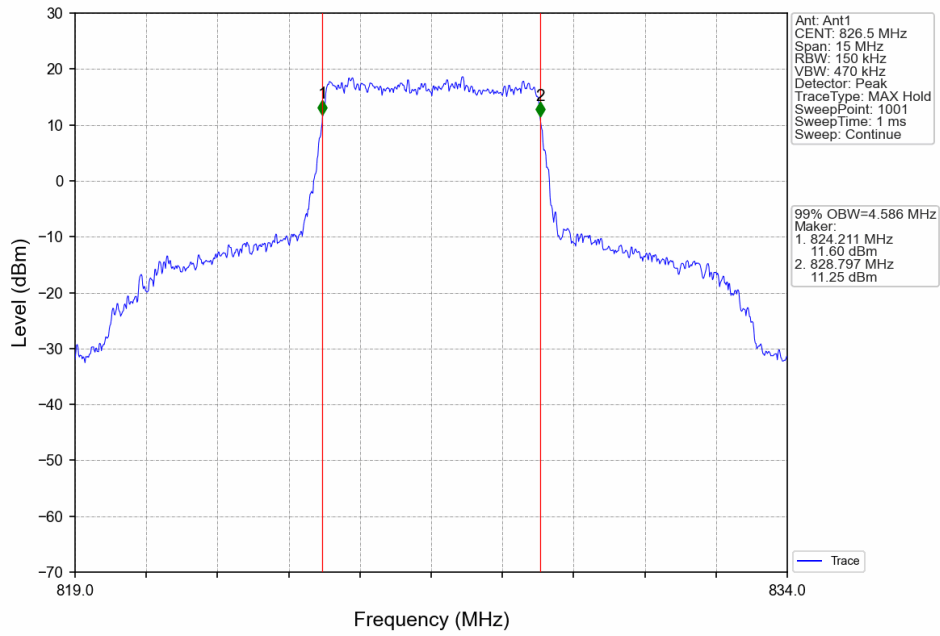


Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV

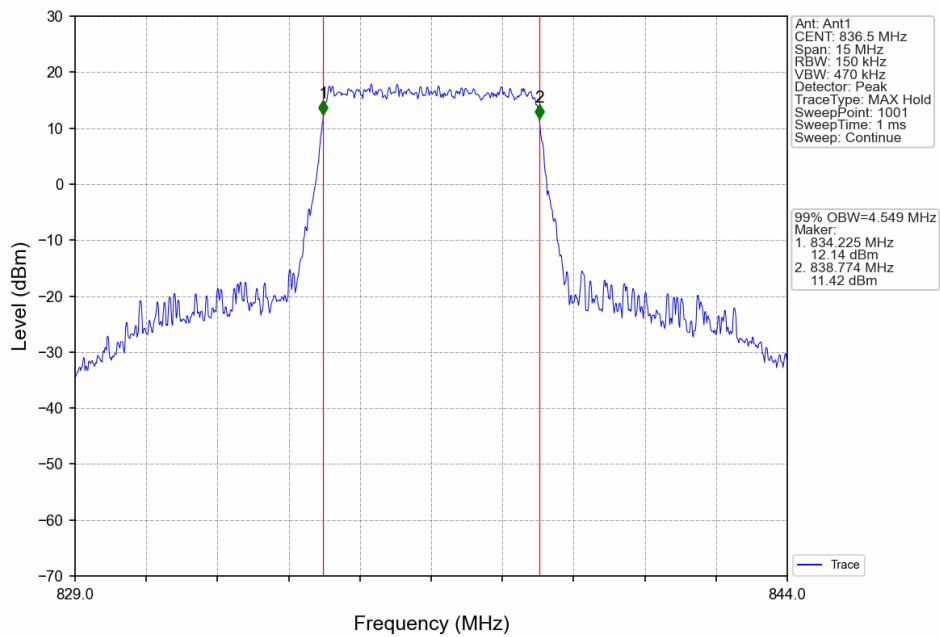




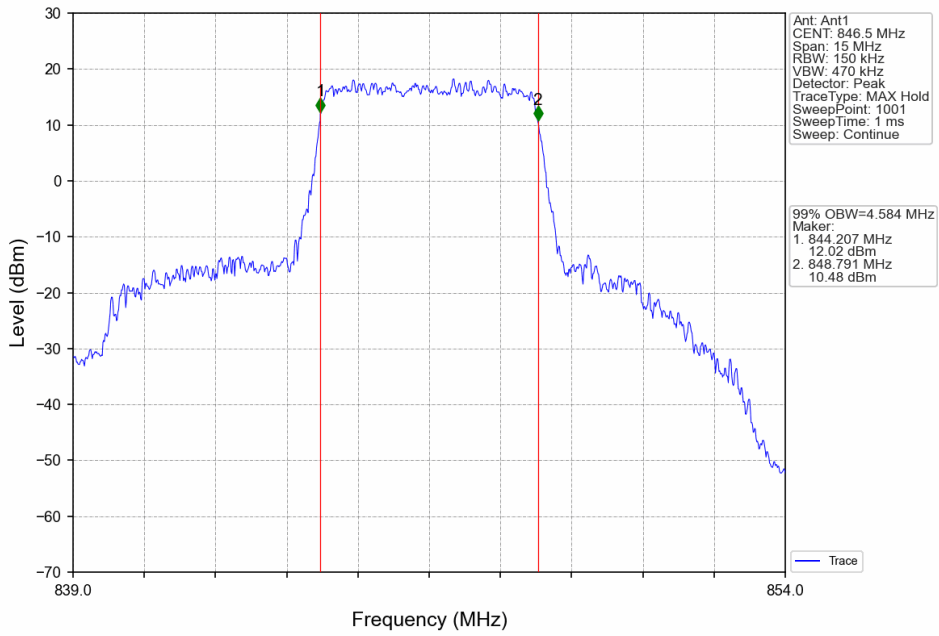
Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



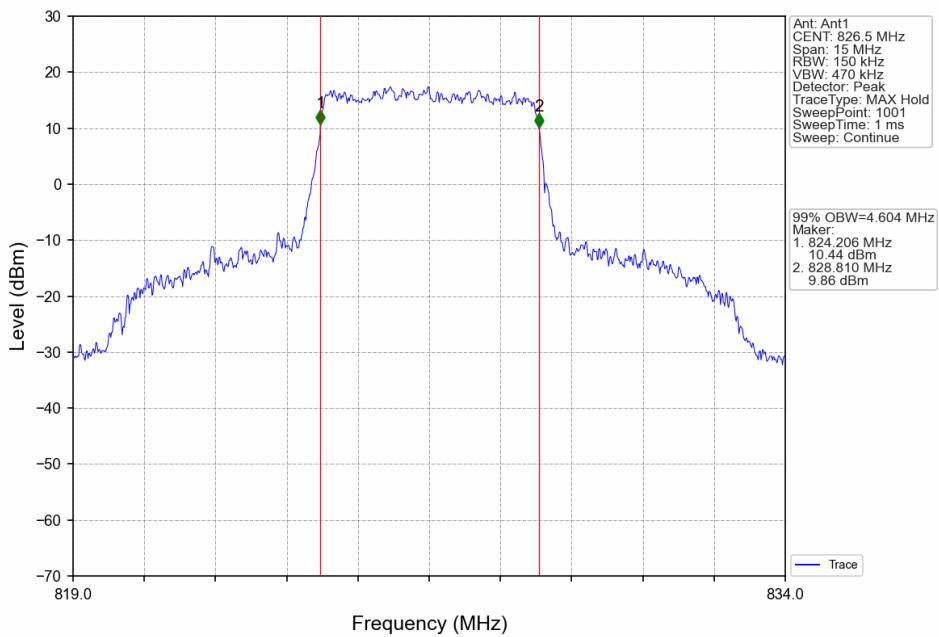
Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



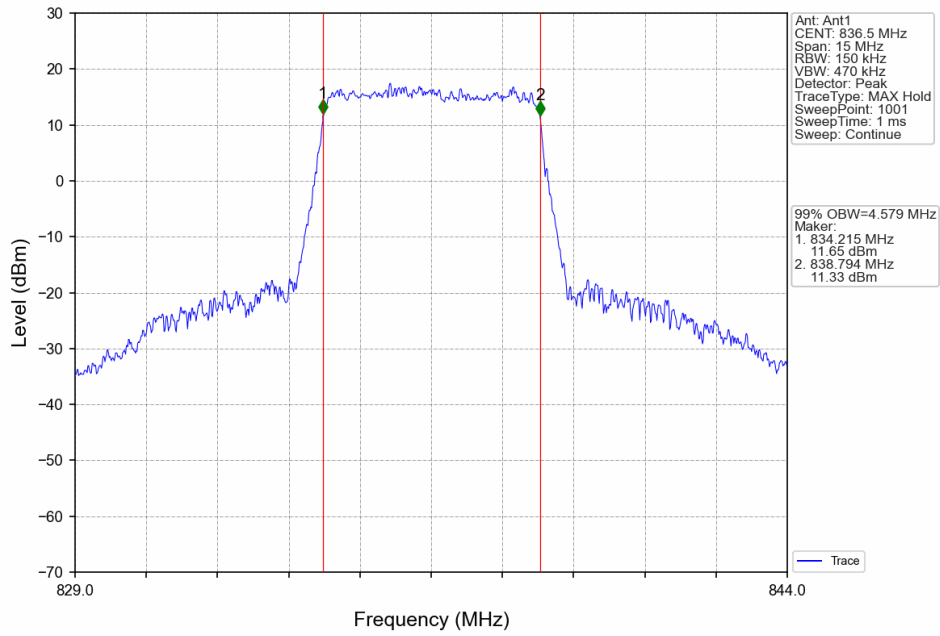
Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



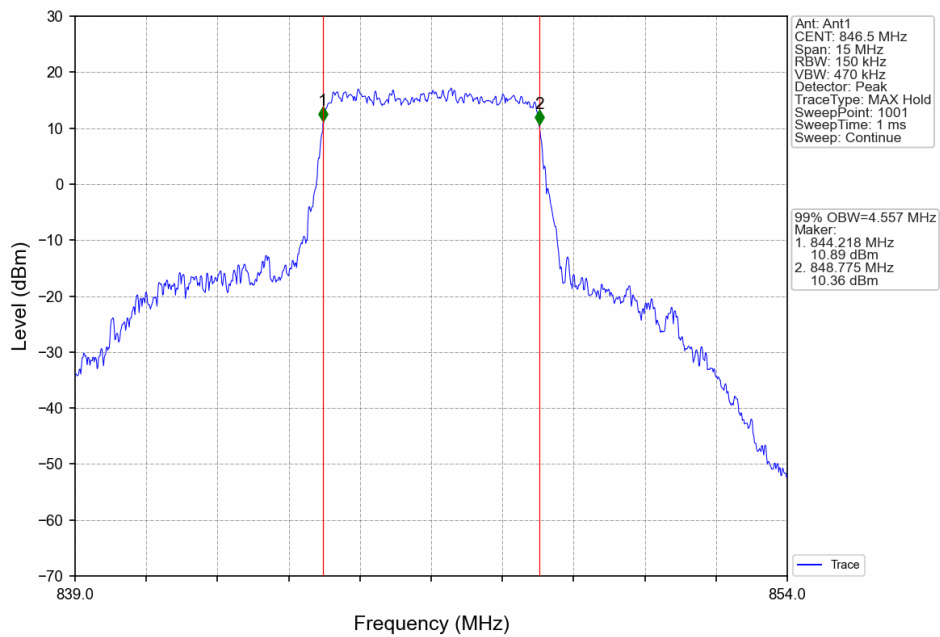
Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



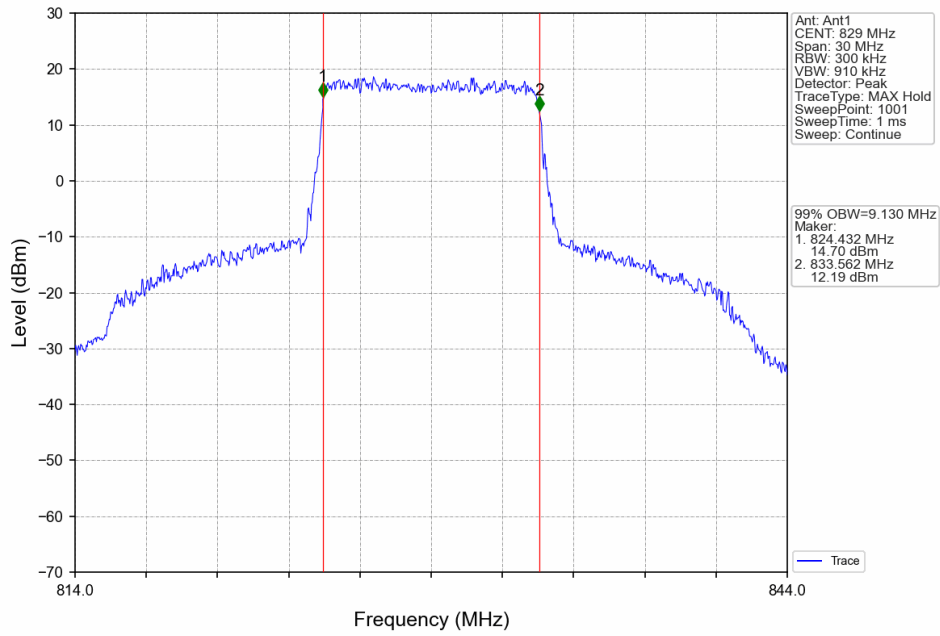
Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



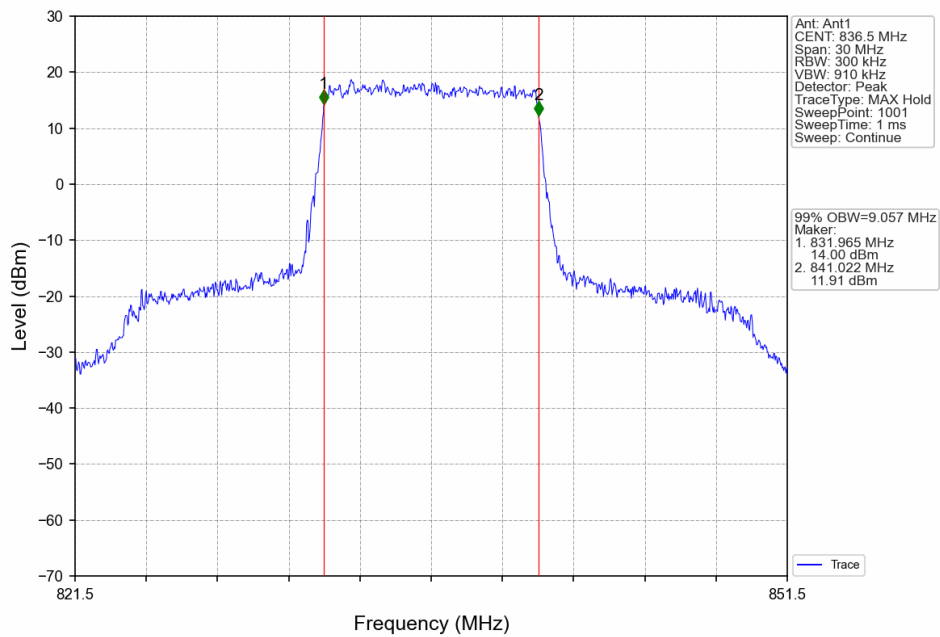
Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



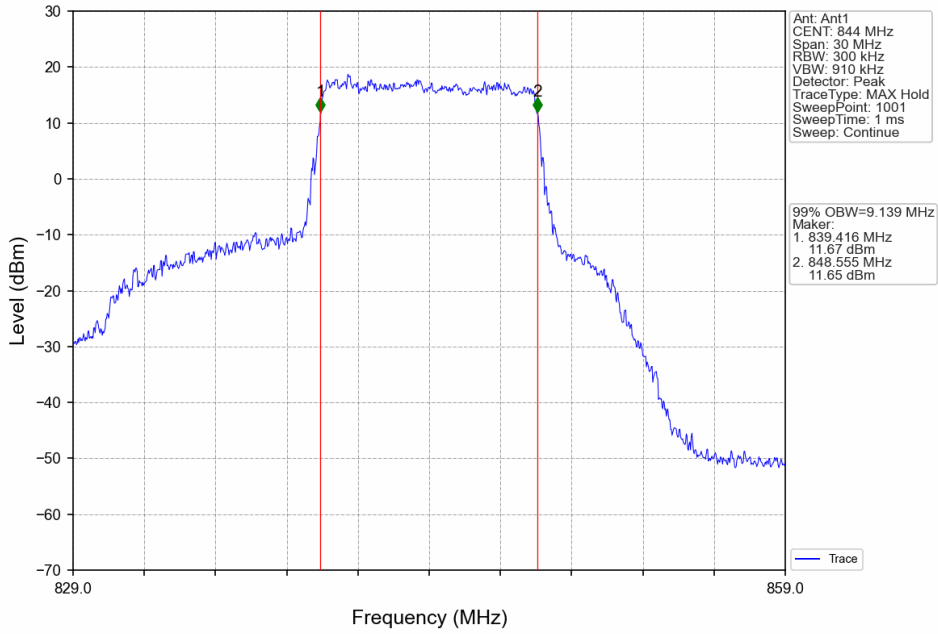
Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV



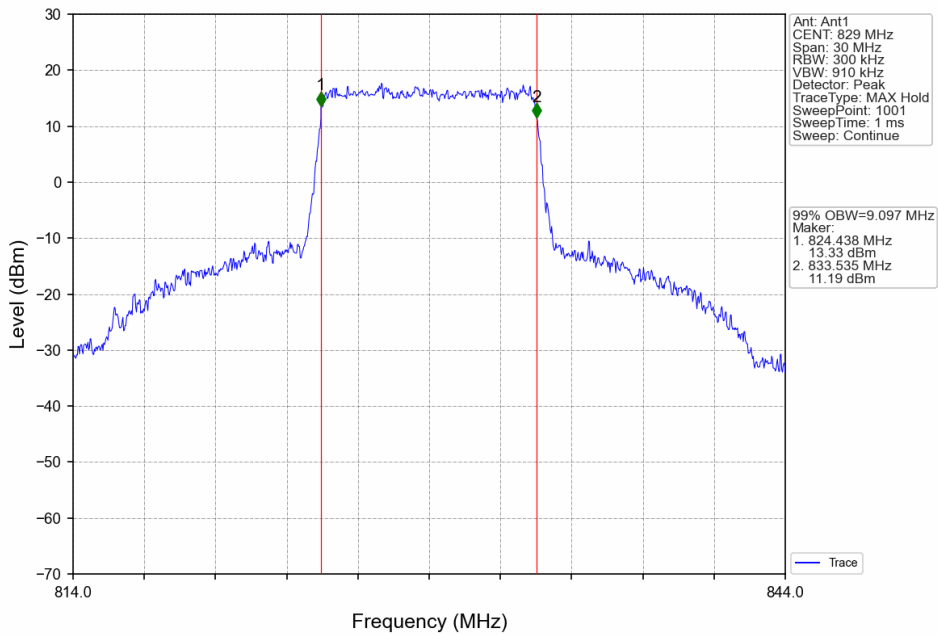
Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV

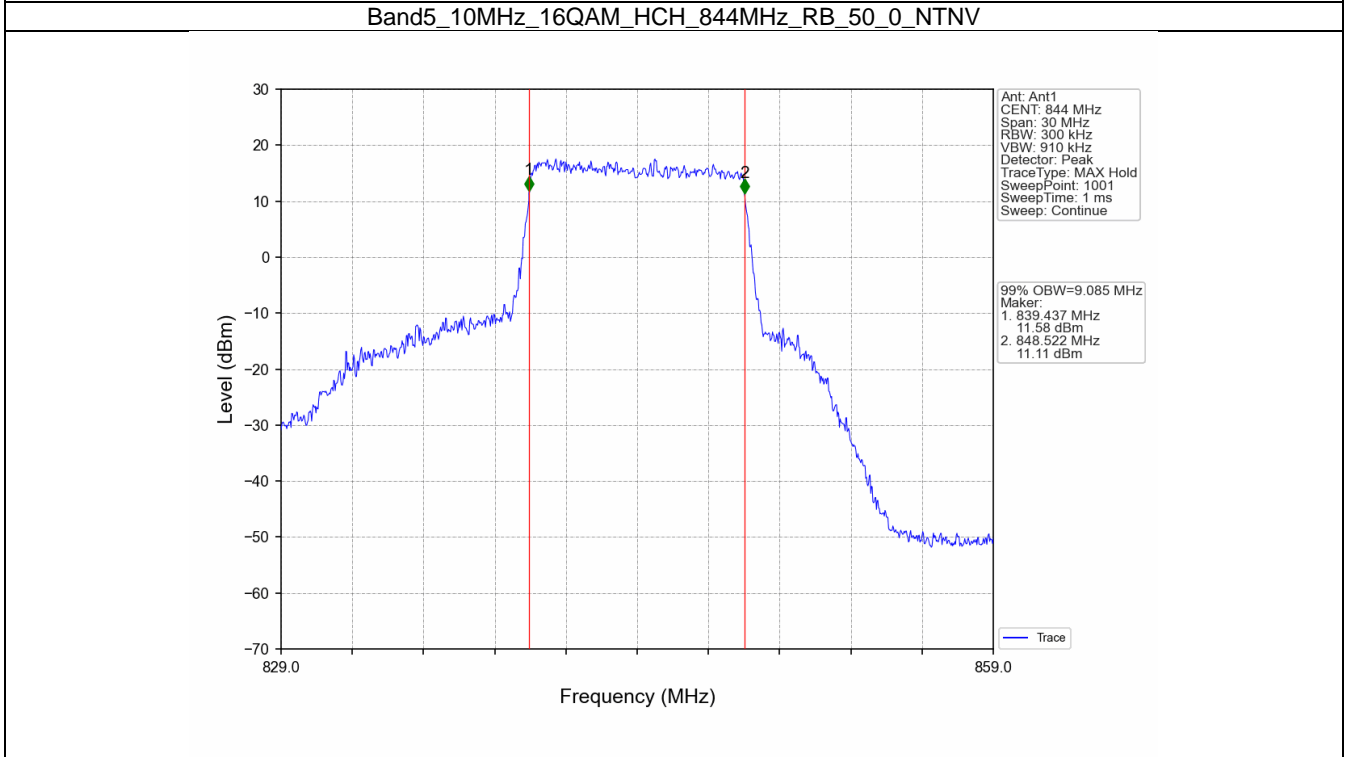
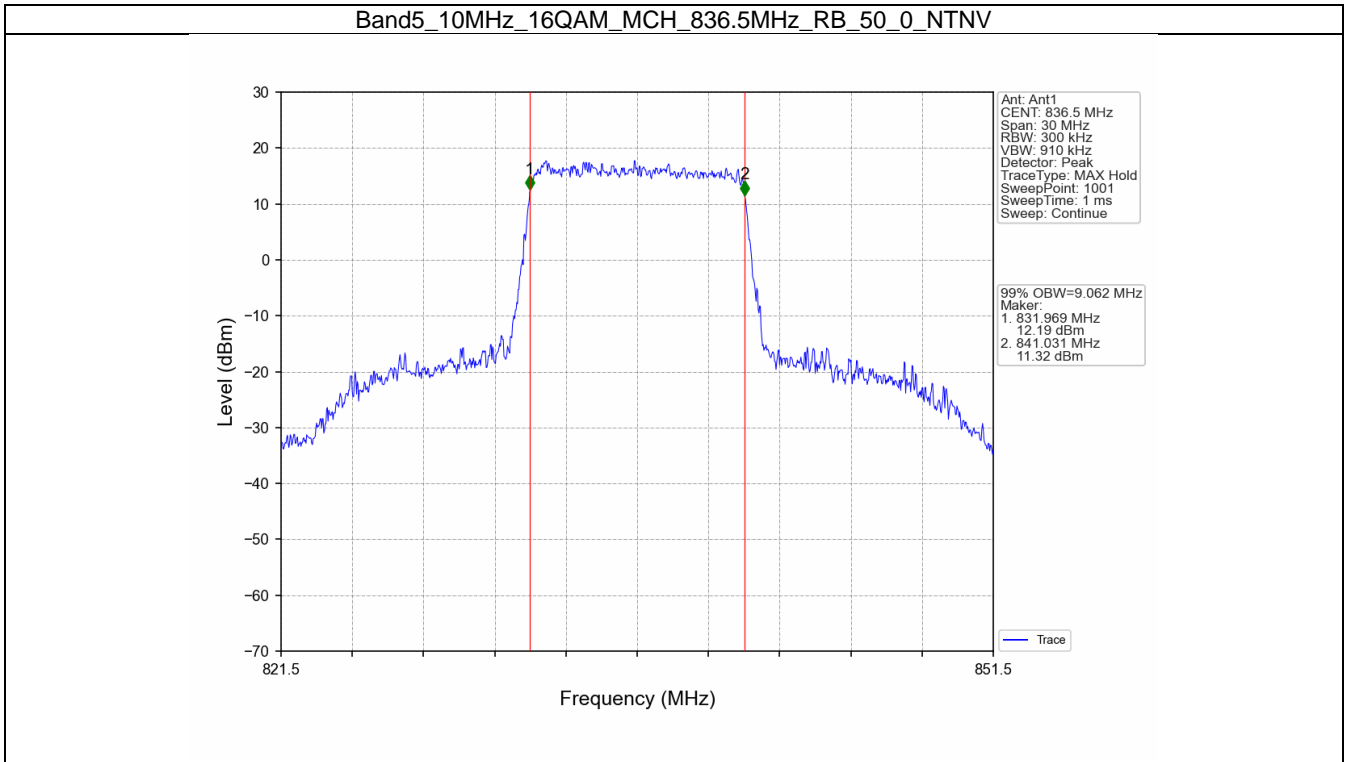


Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



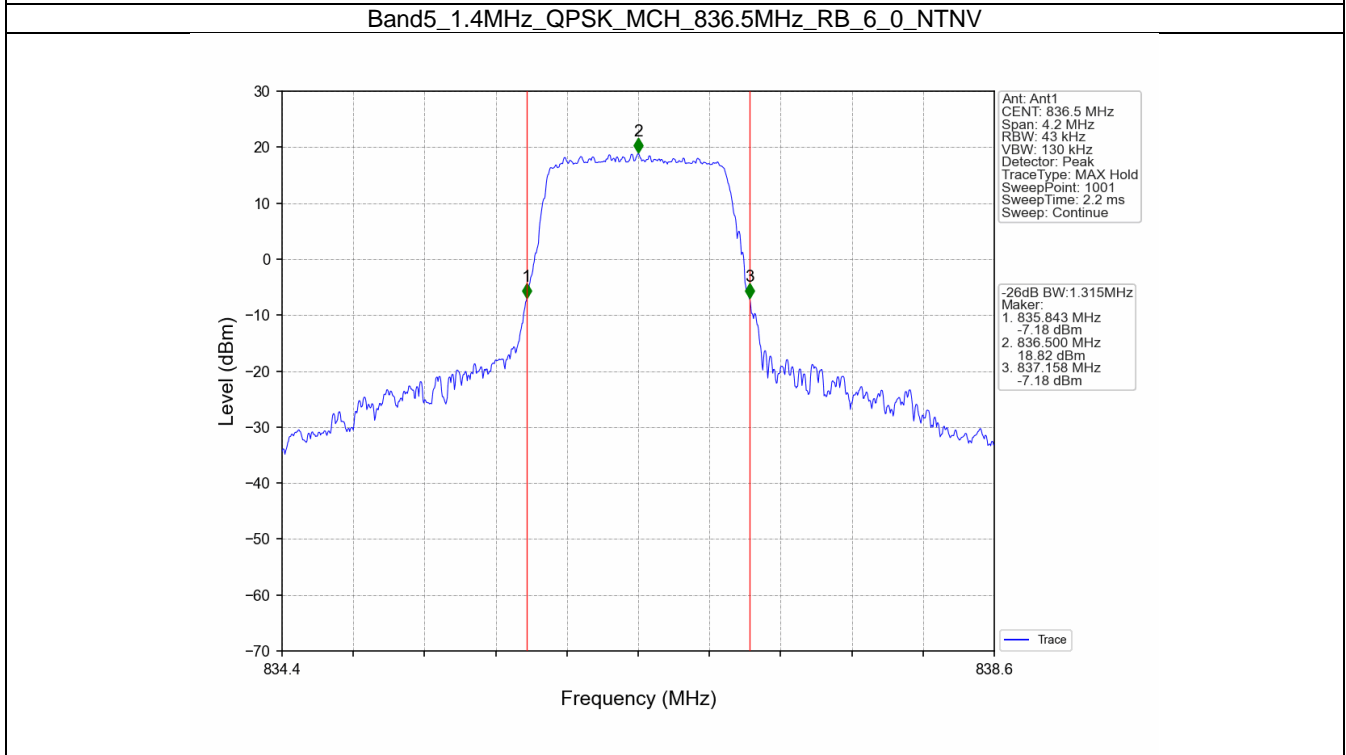
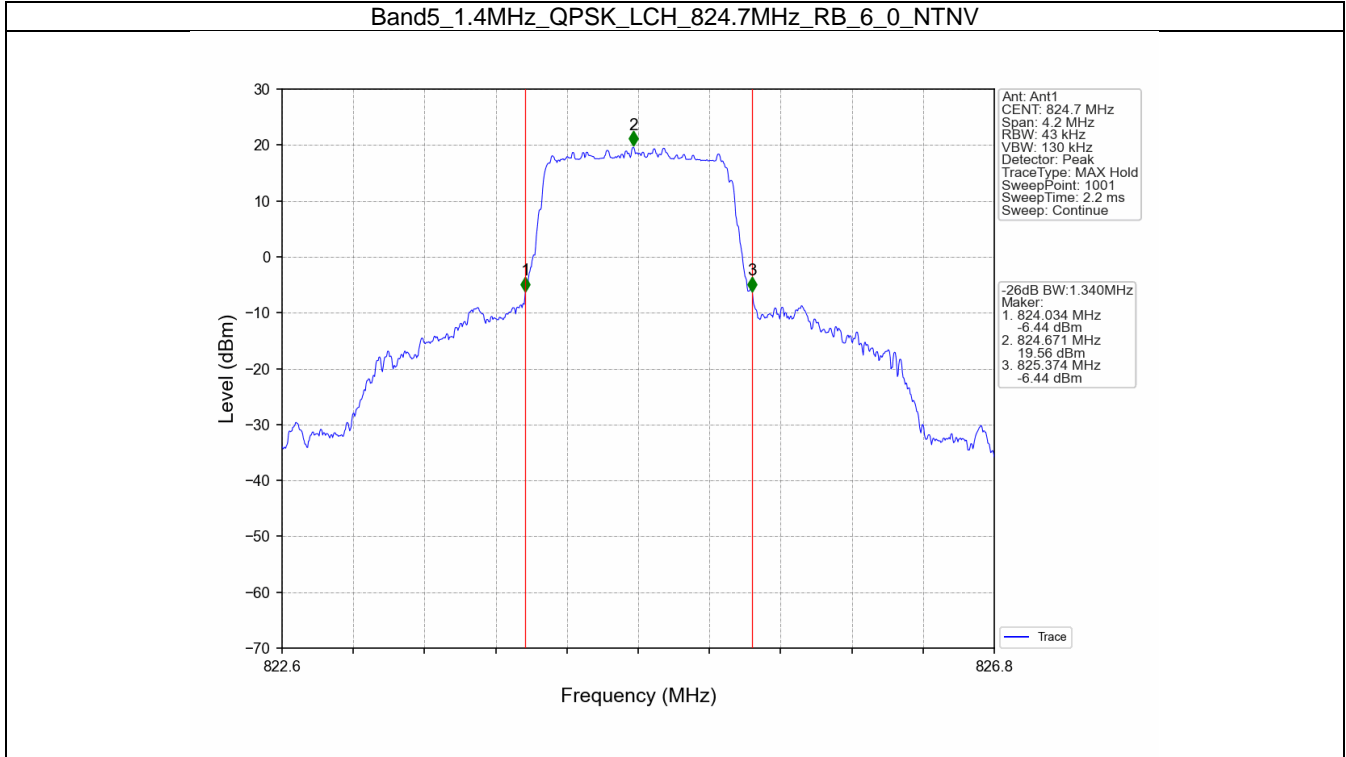


4.2 Band5\_XDB

4.2.1 Test Result

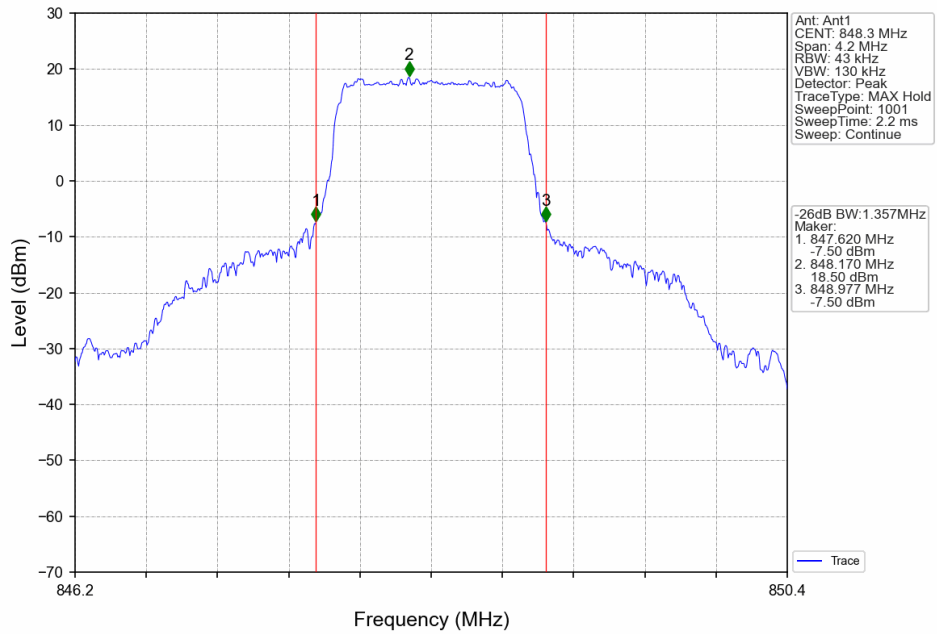
Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.340	Pass
		836.5	6	0	1.315	Pass
		848.3	6	0	1.357	Pass
	16QAM	824.7	6	0	1.346	Pass
		836.5	6	0	1.295	Pass
		848.3	6	0	1.325	Pass
3	QPSK	825.5	15	0	2.984	Pass
		836.5	15	0	2.992	Pass
		847.5	15	0	2.991	Pass
	16QAM	825.5	15	0	3.032	Pass
		836.5	15	0	3.003	Pass
		847.5	15	0	2.974	Pass
5	QPSK	826.5	25	0	5.315	Pass
		836.5	25	0	5.302	Pass
		846.5	25	0	5.315	Pass
	16QAM	826.5	25	0	5.416	Pass
		836.5	25	0	5.278	Pass
		846.5	25	0	5.251	Pass
10	QPSK	829	50	0	10.423	Pass
		836.5	50	0	10.307	Pass
		844	50	0	10.331	Pass
	16QAM	829	50	0	10.266	Pass
		836.5	50	0	10.251	Pass
		844	50	0	10.347	Pass

4.2.2 Test Graph

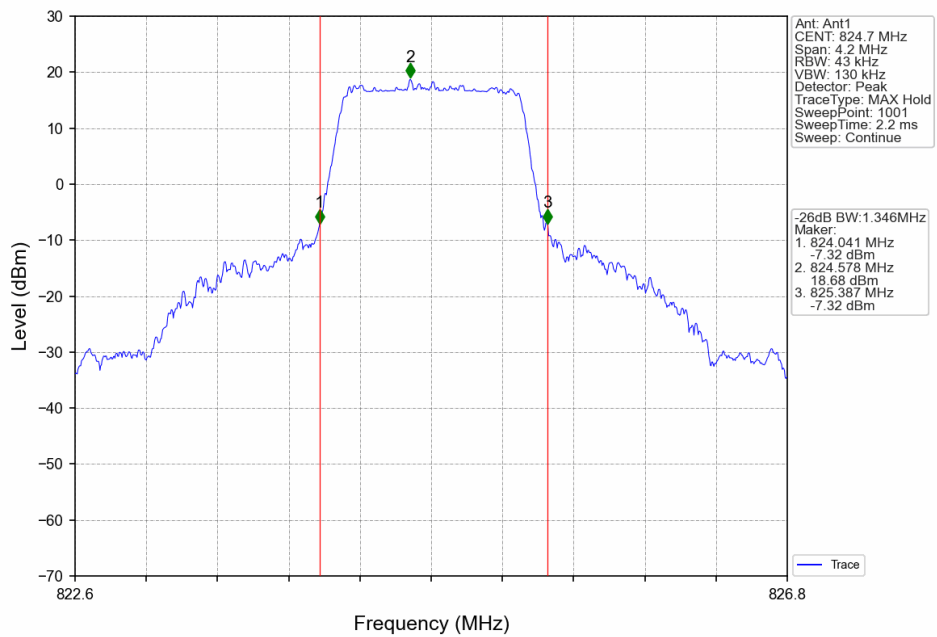




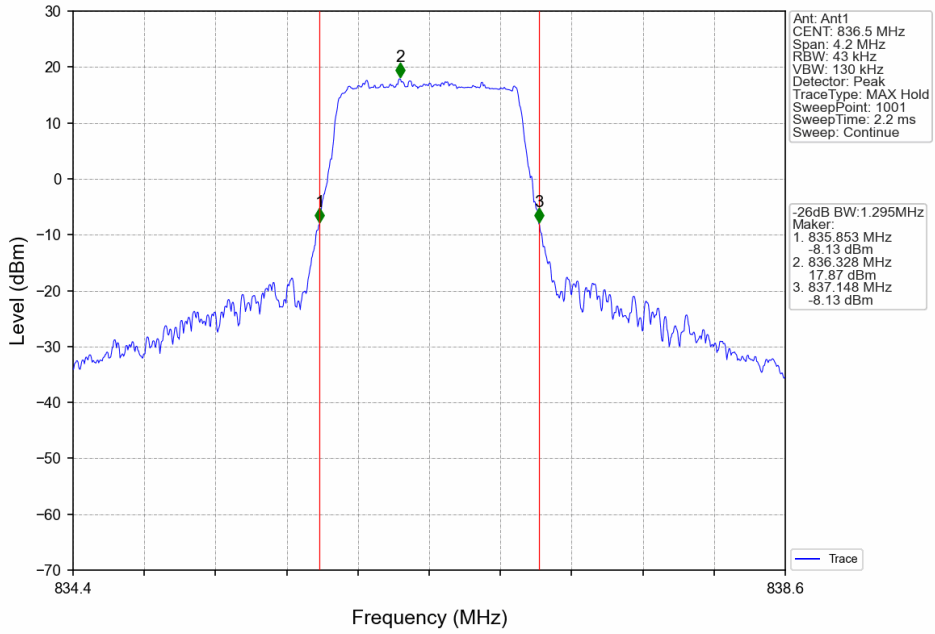
Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



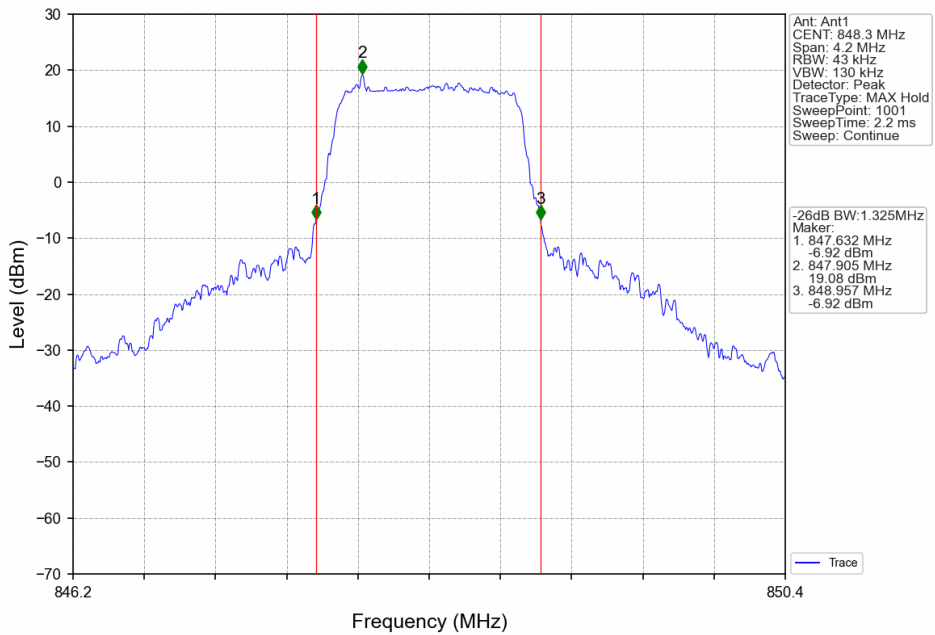
Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



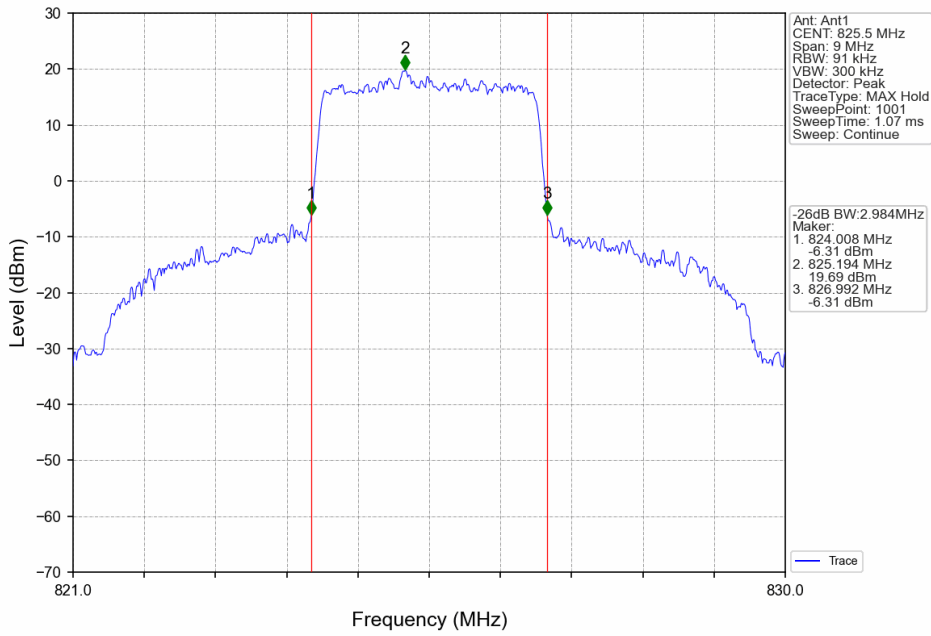
Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



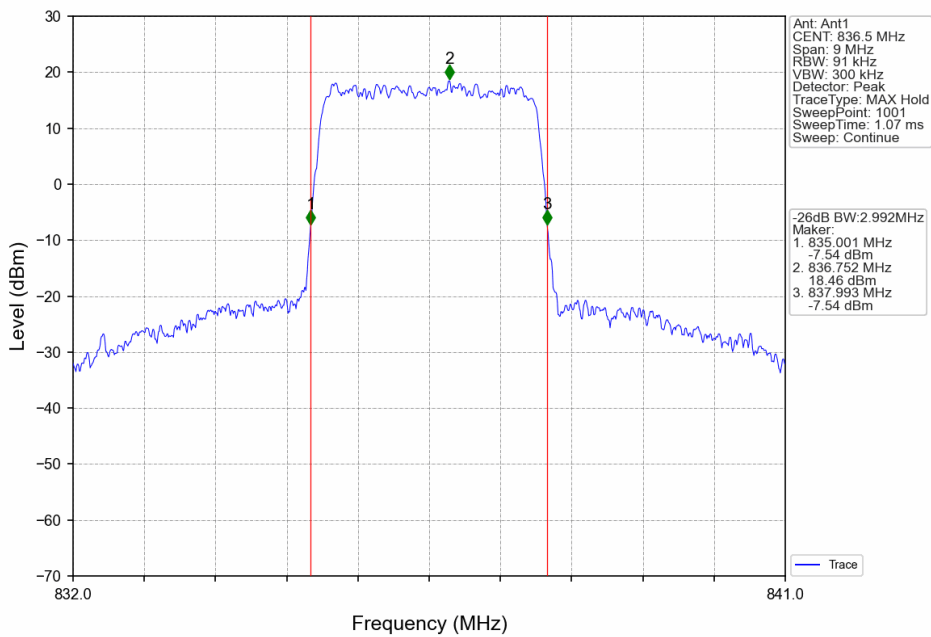
Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



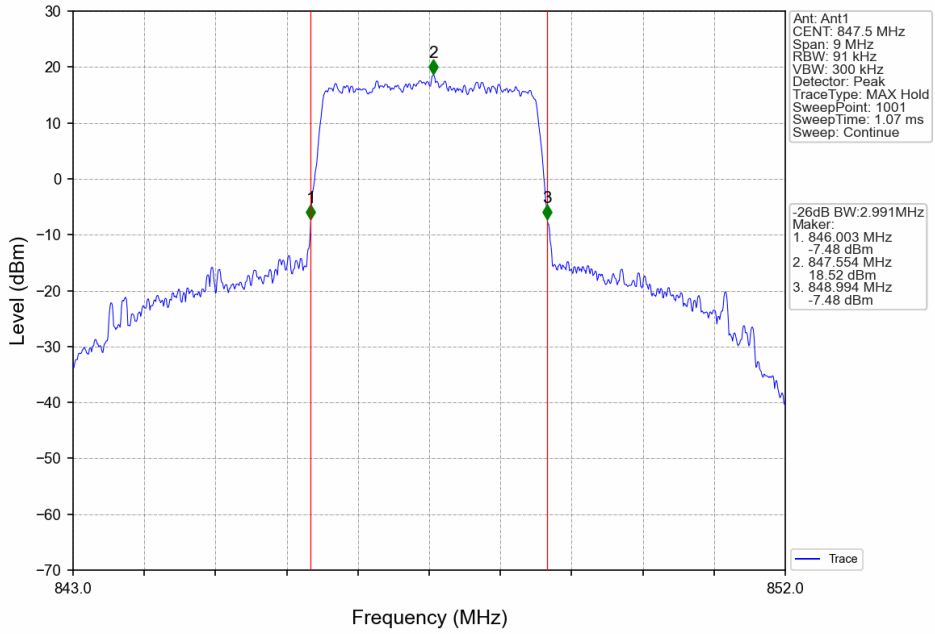
Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



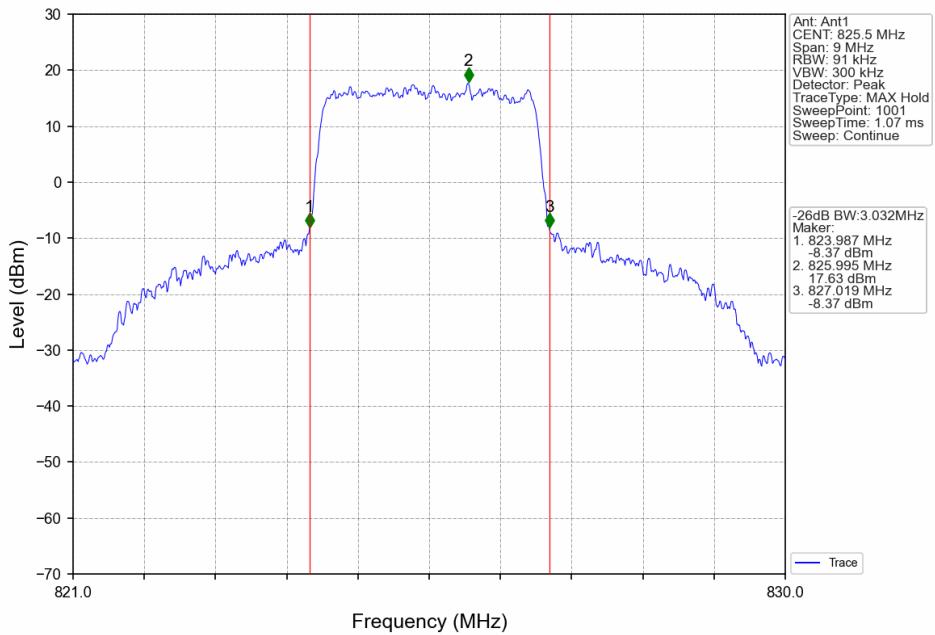
Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



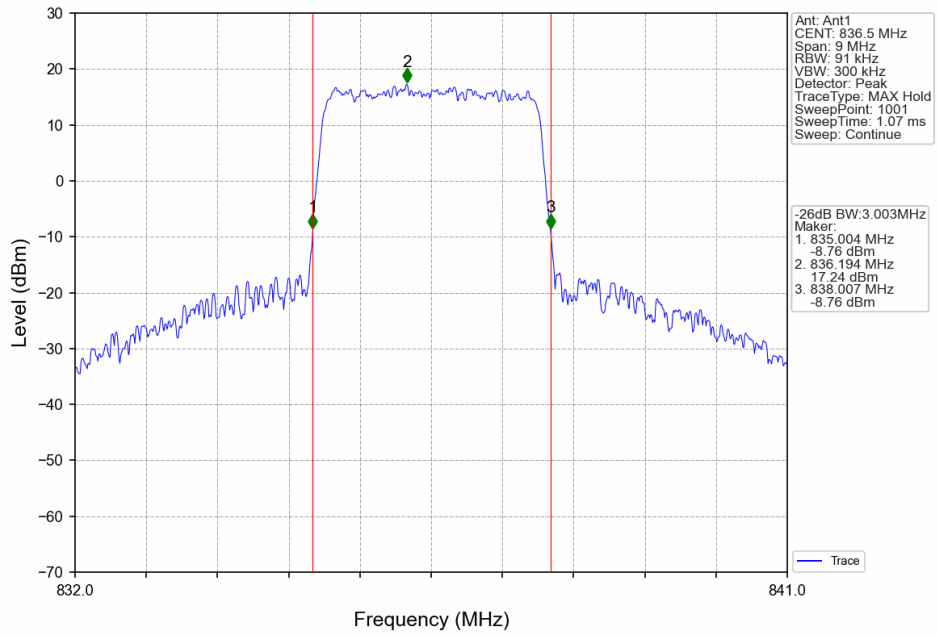
Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



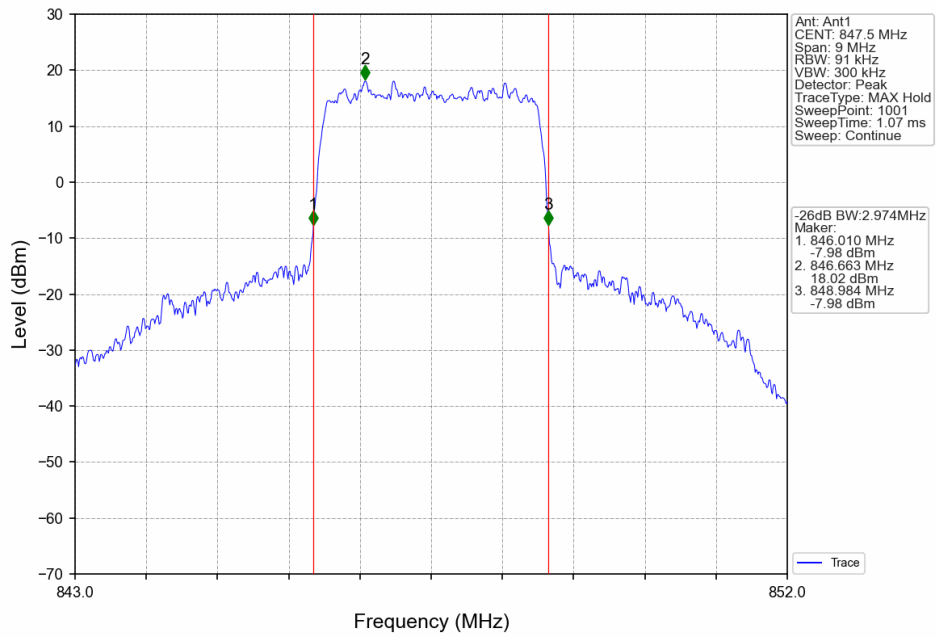
Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



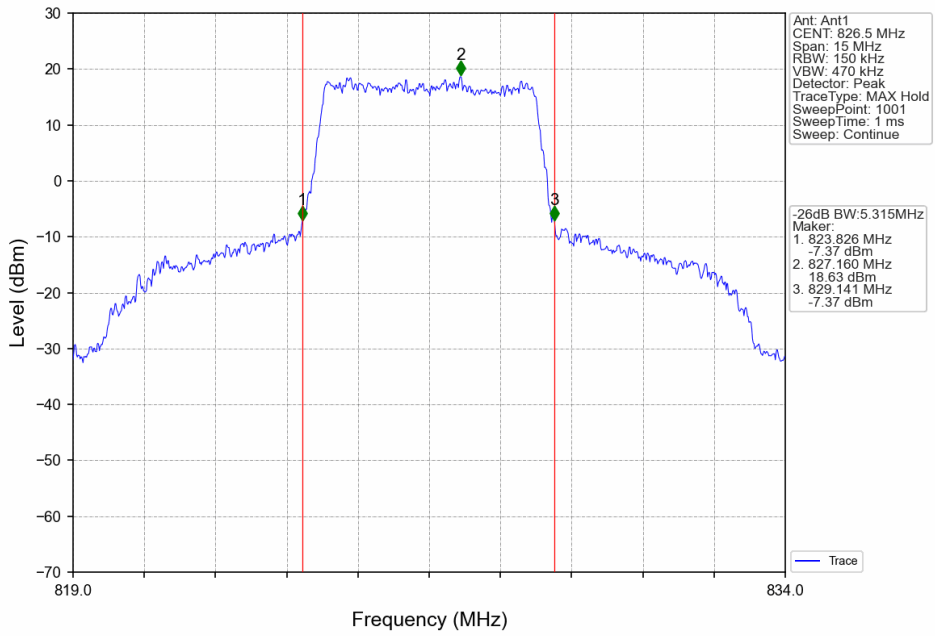
Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



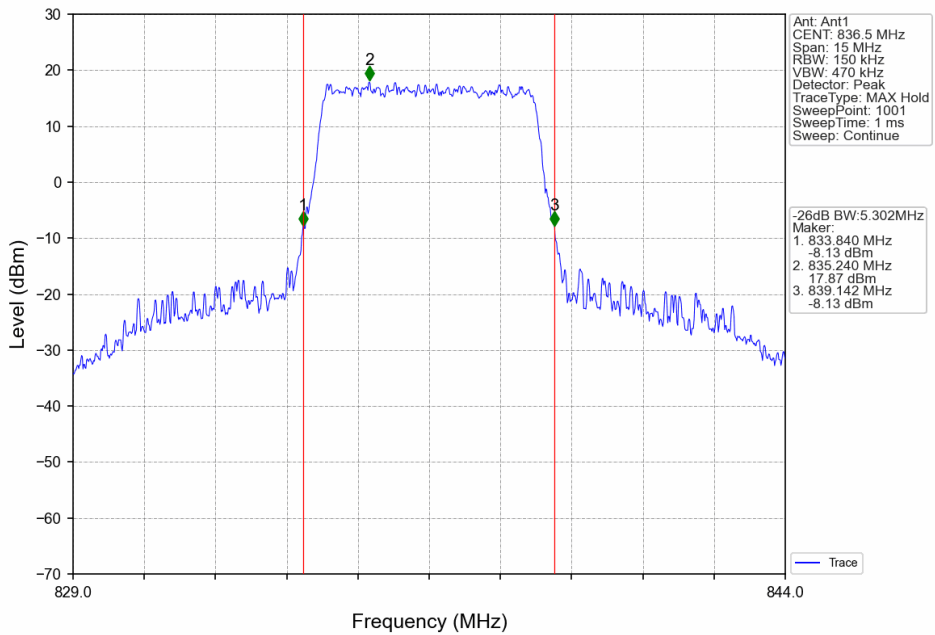
Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



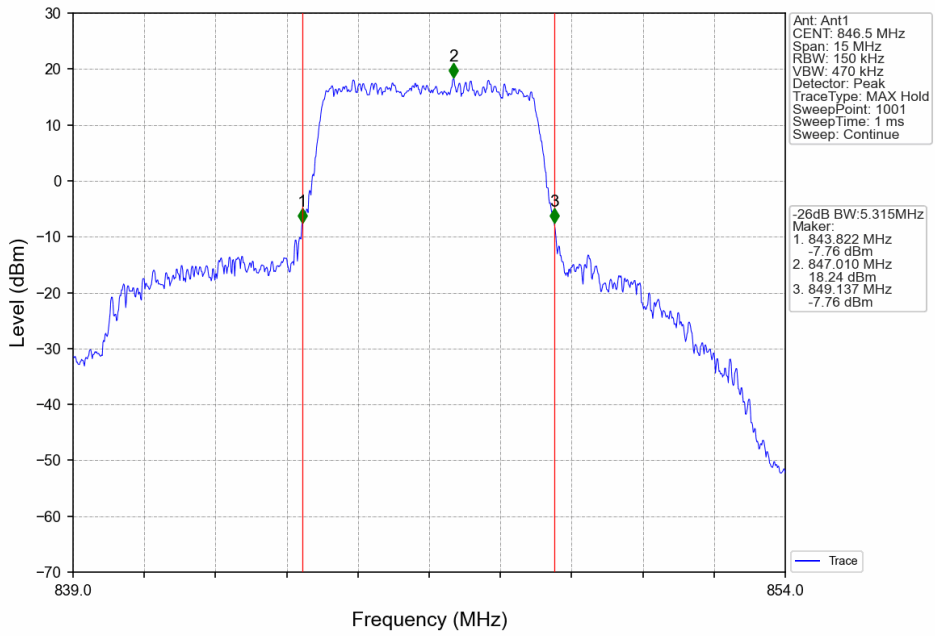
Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



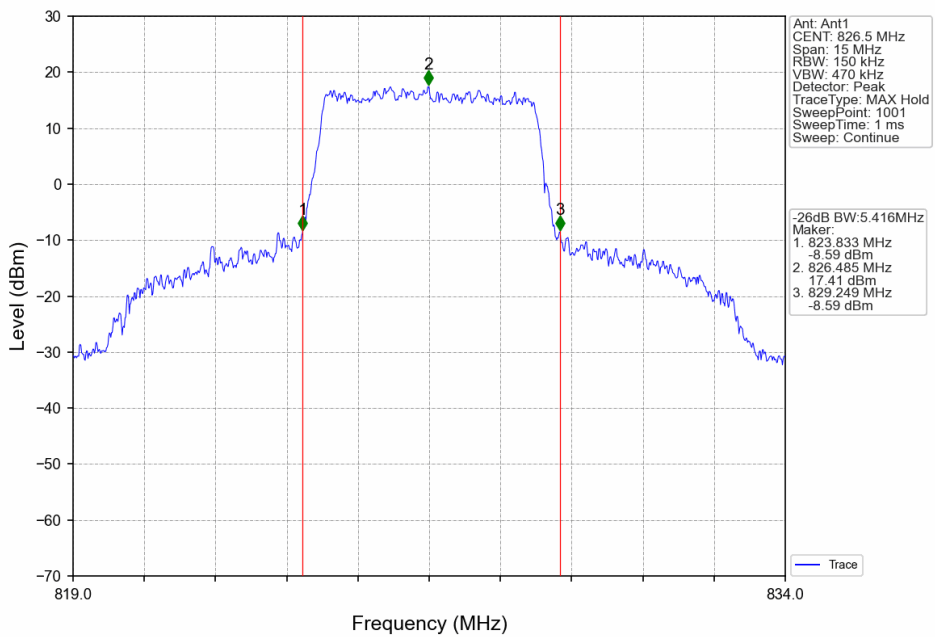
Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



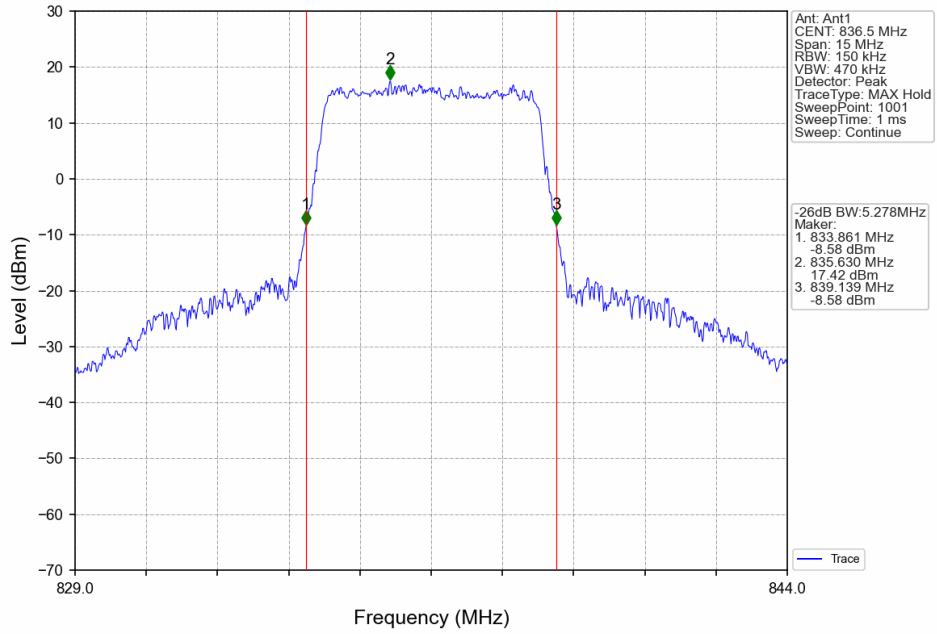
Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



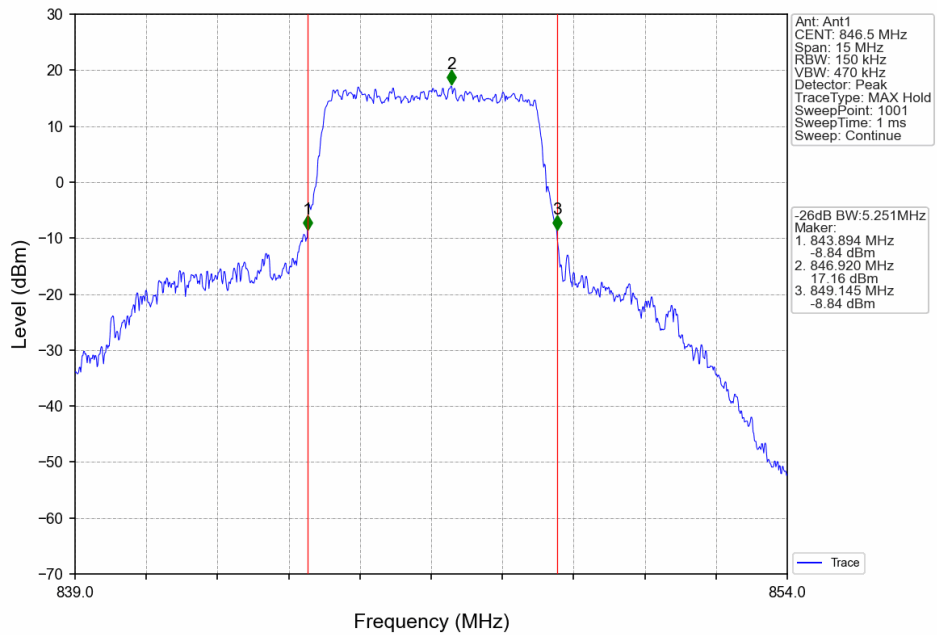
Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV

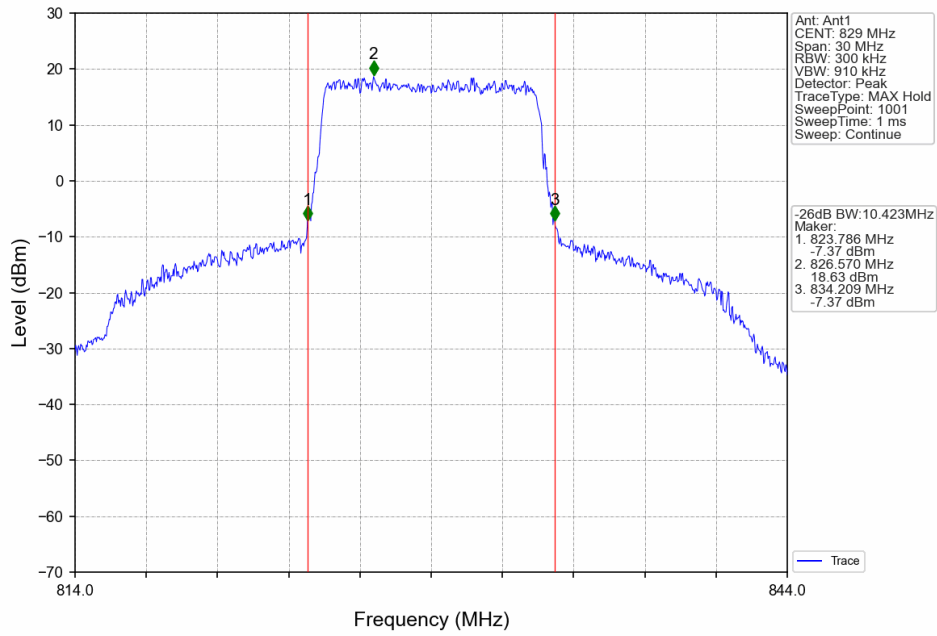


Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV

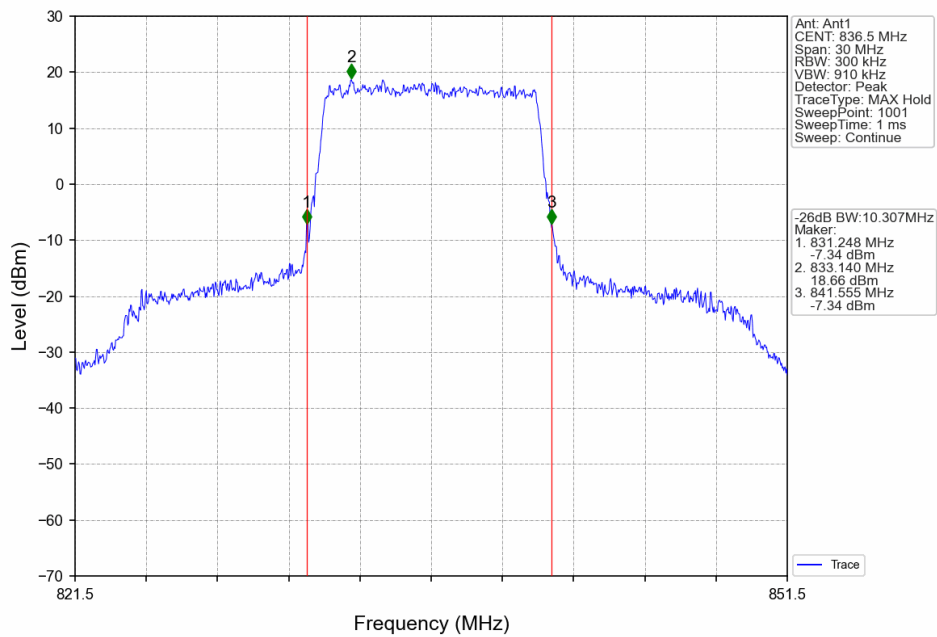




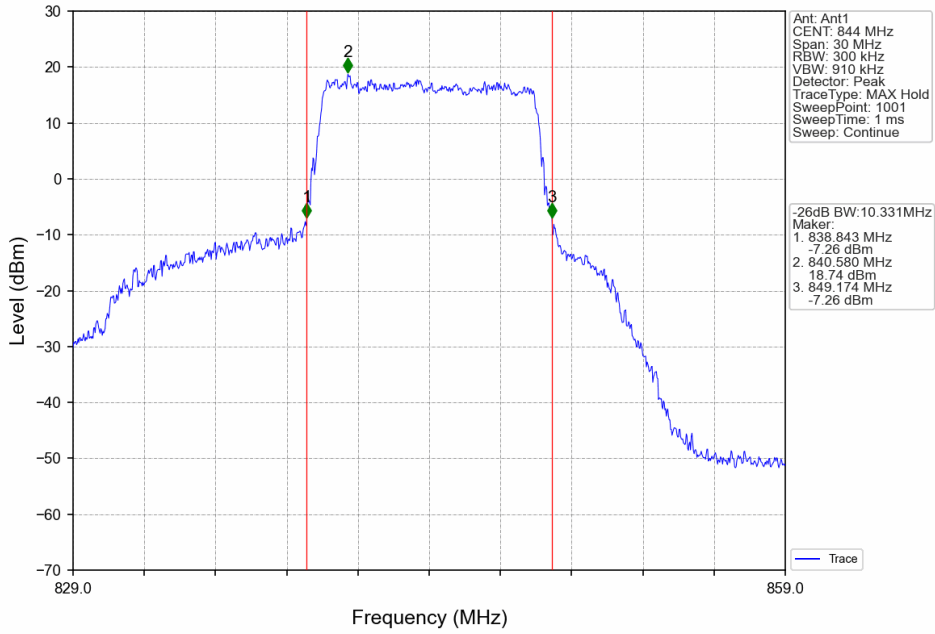
Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV



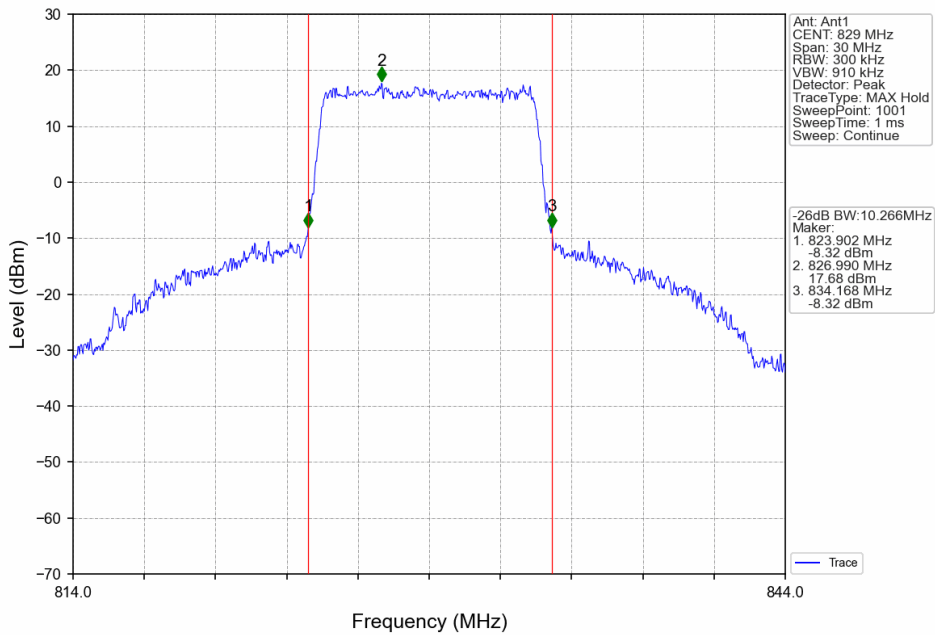
Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV

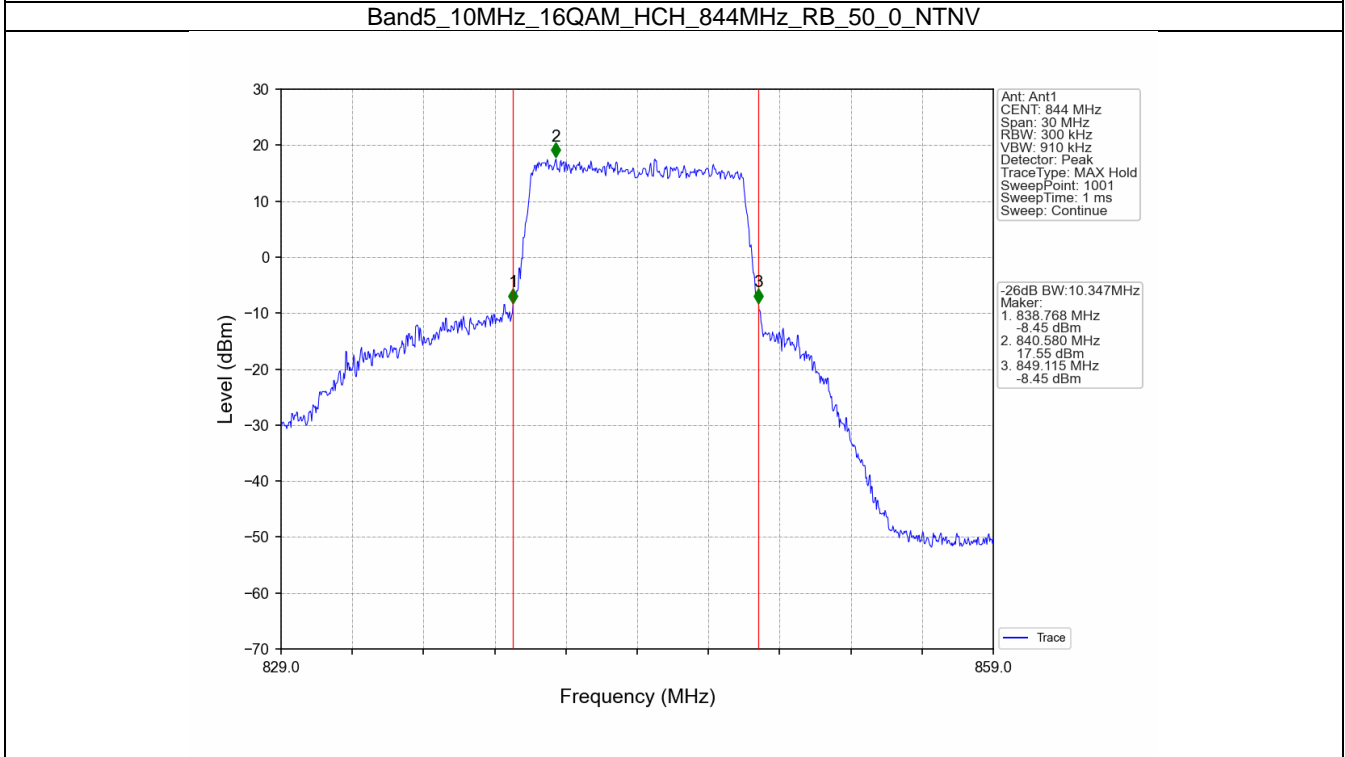
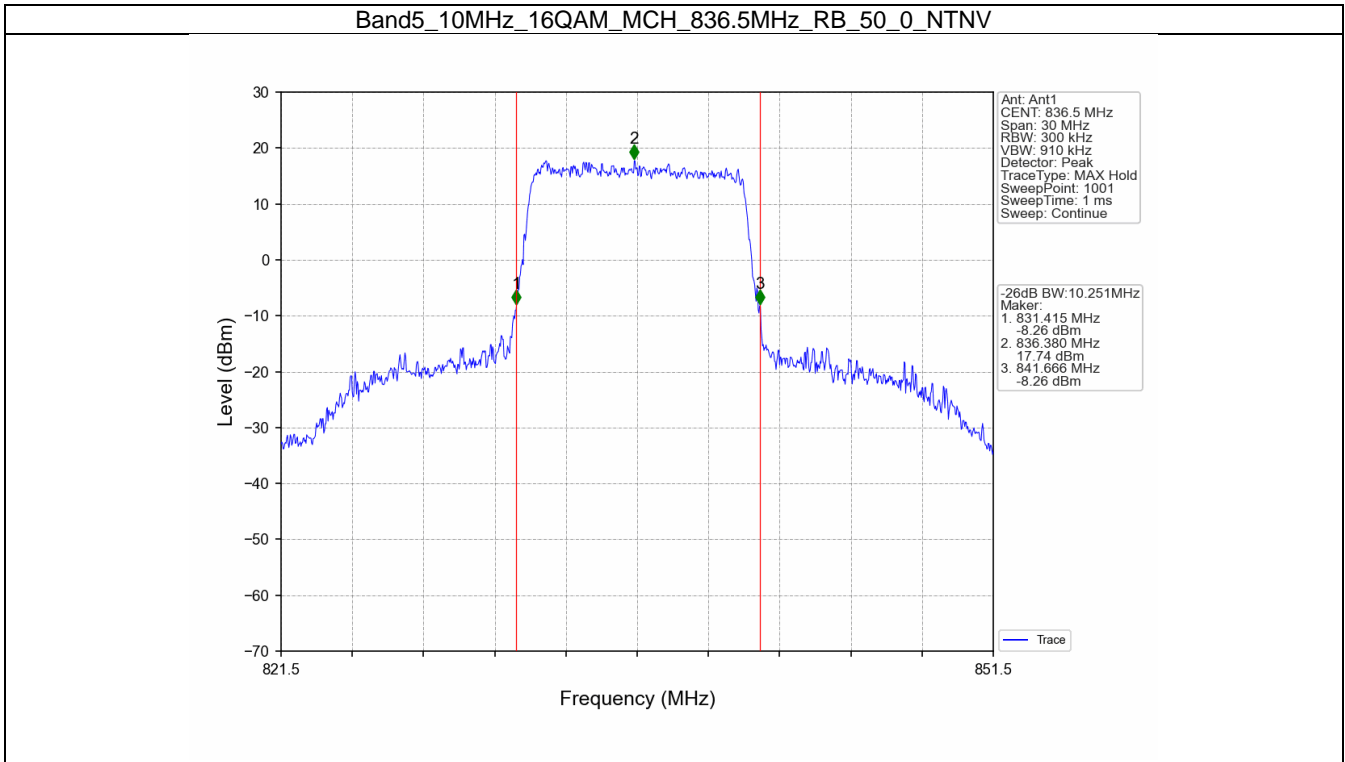


Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV





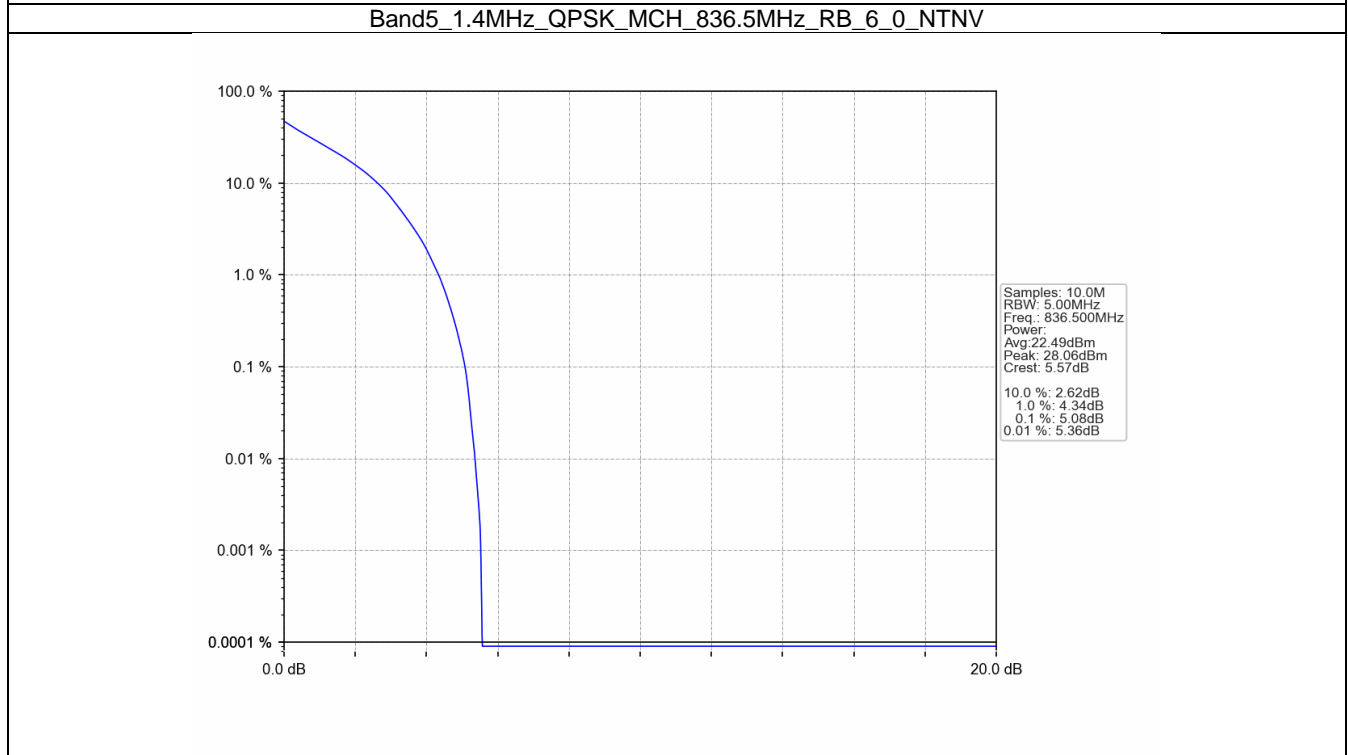
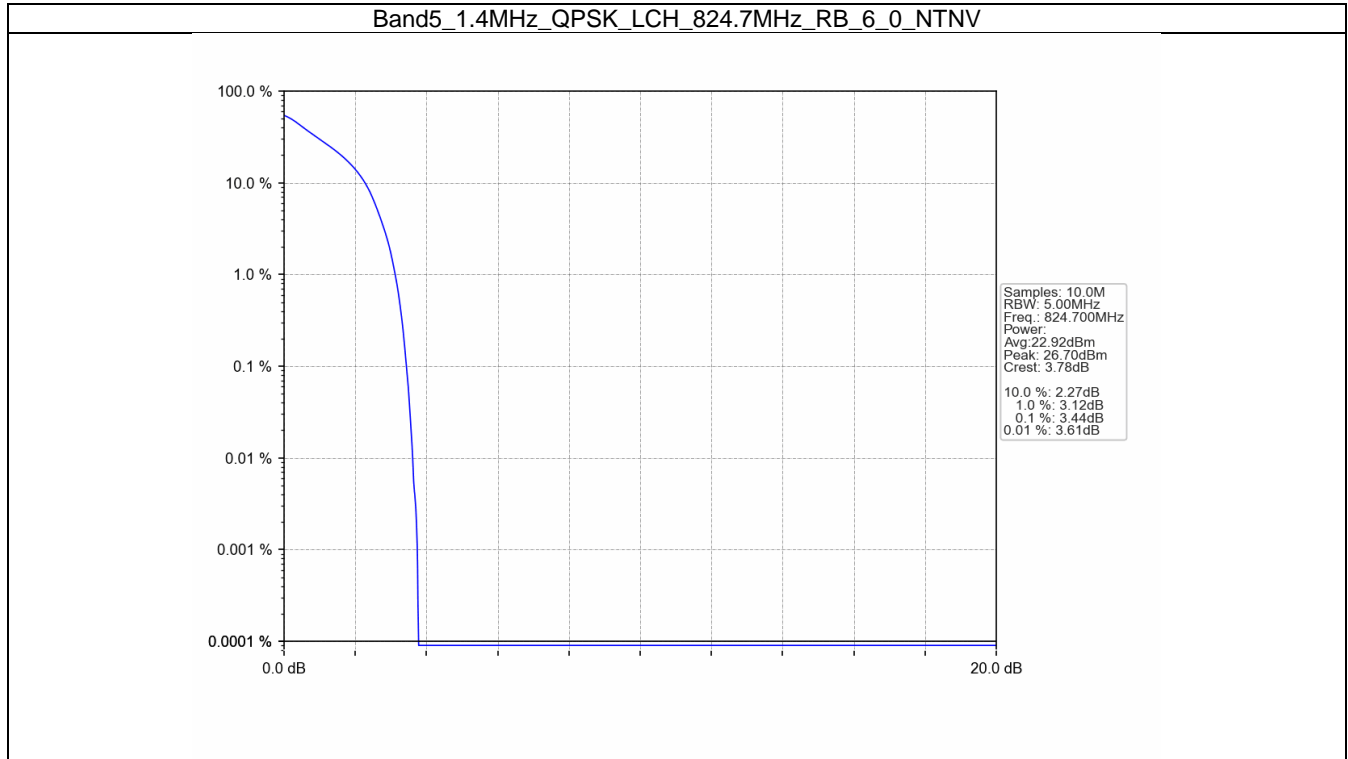
## 5. Peak-Average Ratio

### 5.1 B5\_1.4MHz

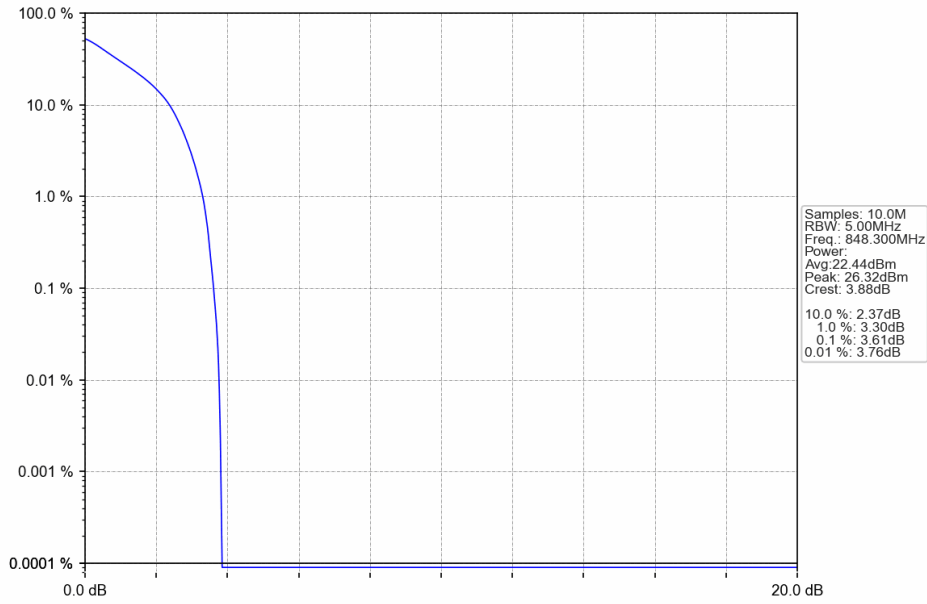
#### 5.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	3.44	<=13	Pass
	836.5	6	0	5.08	<=13	Pass
	848.3	6	0	3.61	<=13	Pass
16QAM	824.7	6	0	4.36	<=13	Pass
	836.5	6	0	5.88	<=13	Pass
	848.3	6	0	4.75	<=13	Pass

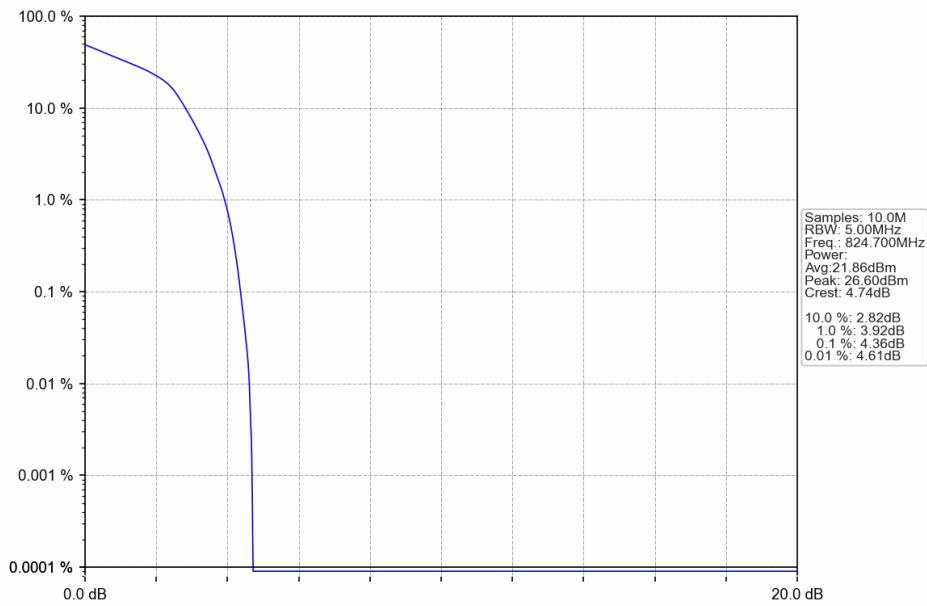
5.1.2 Test Graph



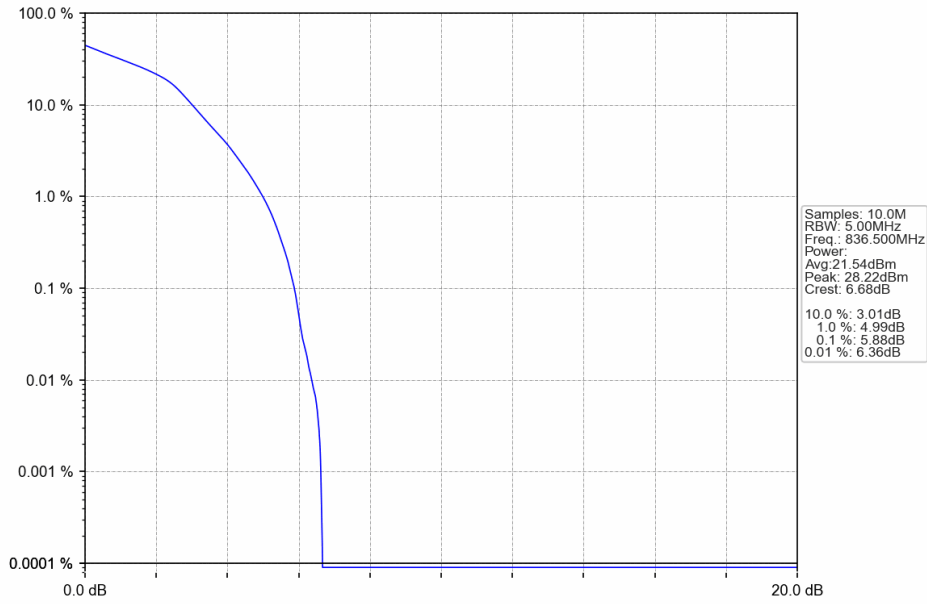
Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



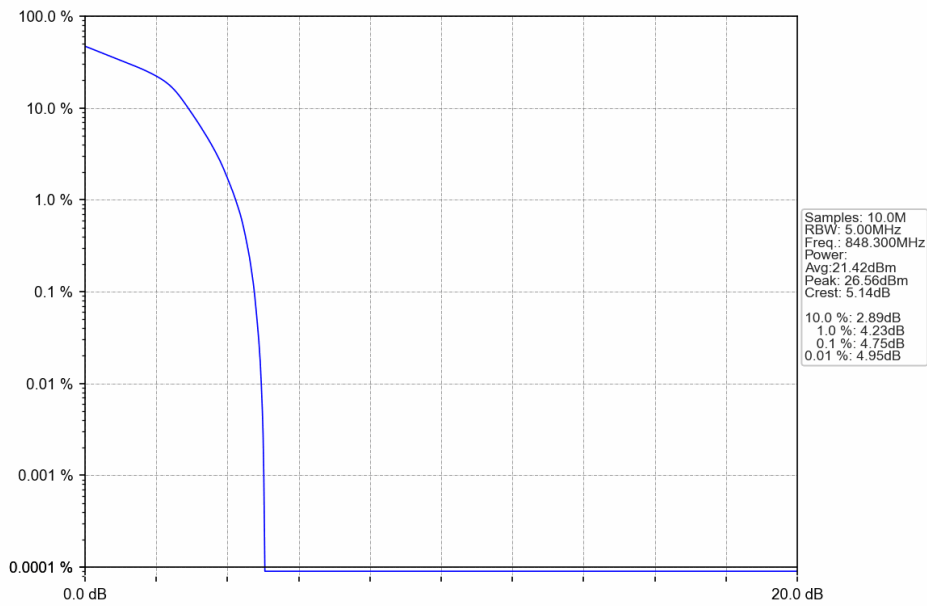
Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



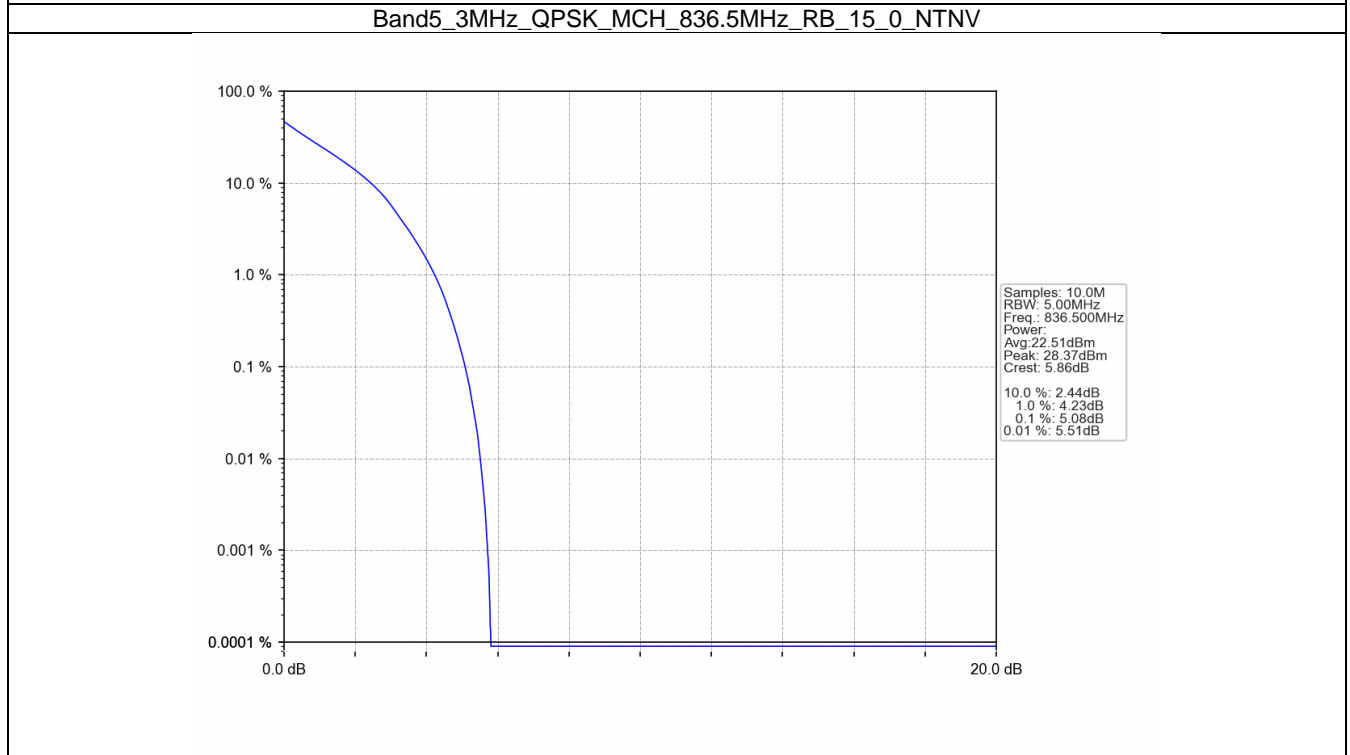
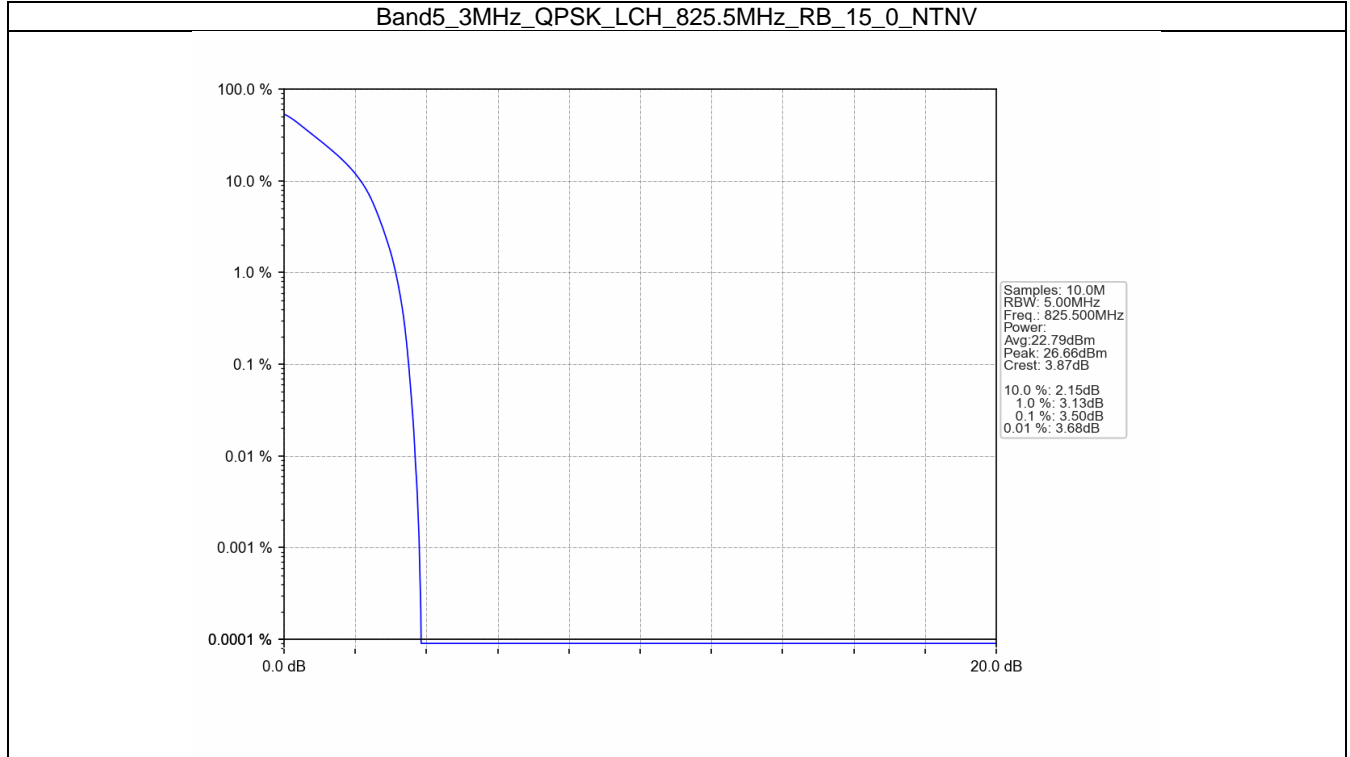
5.2 B5\_3MHz

5.2.1 Test Result

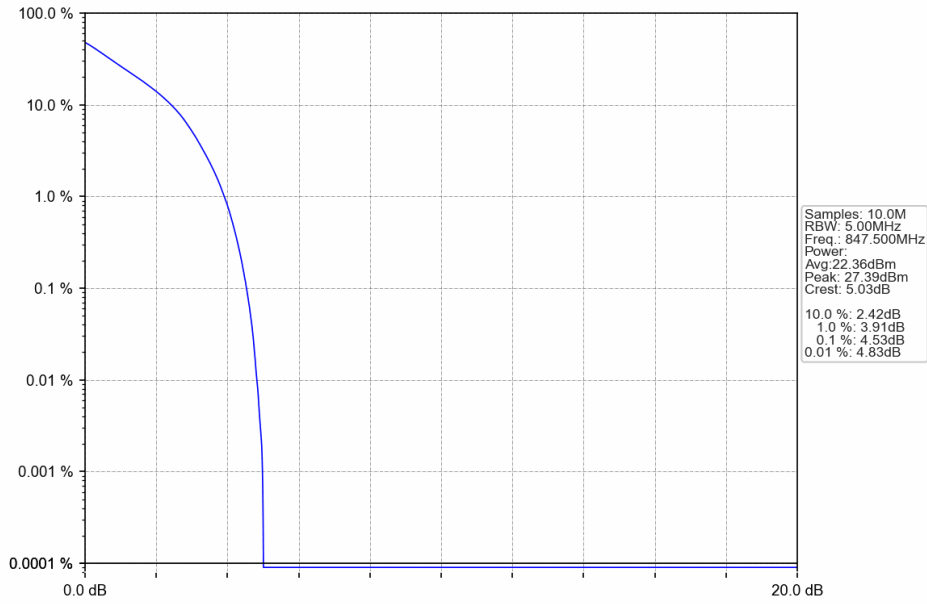
Band: 5 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	3.50	<=13	Pass
	836.5	15	0	5.08	<=13	Pass
	847.5	15	0	4.53	<=13	Pass
16QAM	825.5	15	0	4.37	<=13	Pass
	836.5	15	0	5.93	<=13	Pass
	847.5	15	0	5.45	<=13	Pass



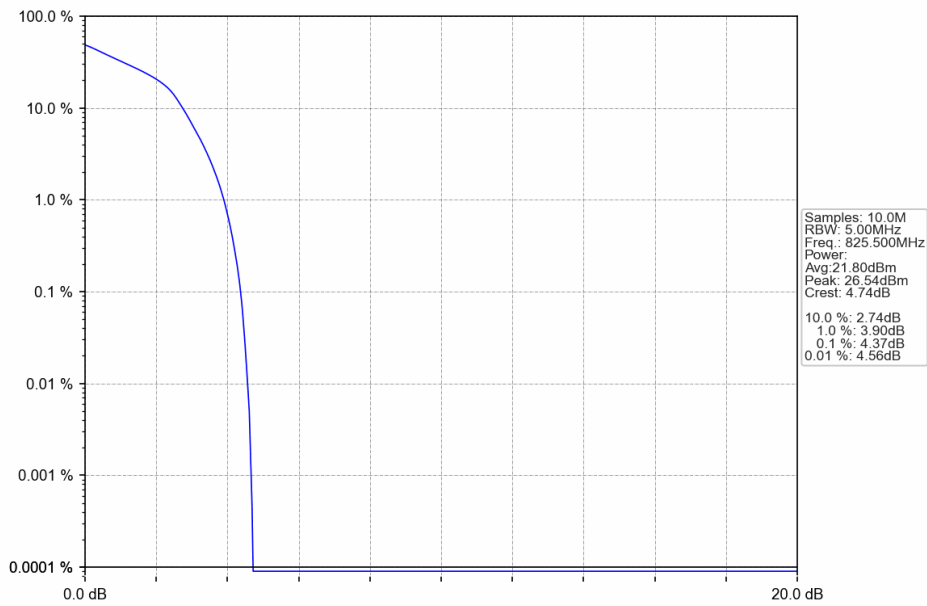
5.2.2 Test Graph



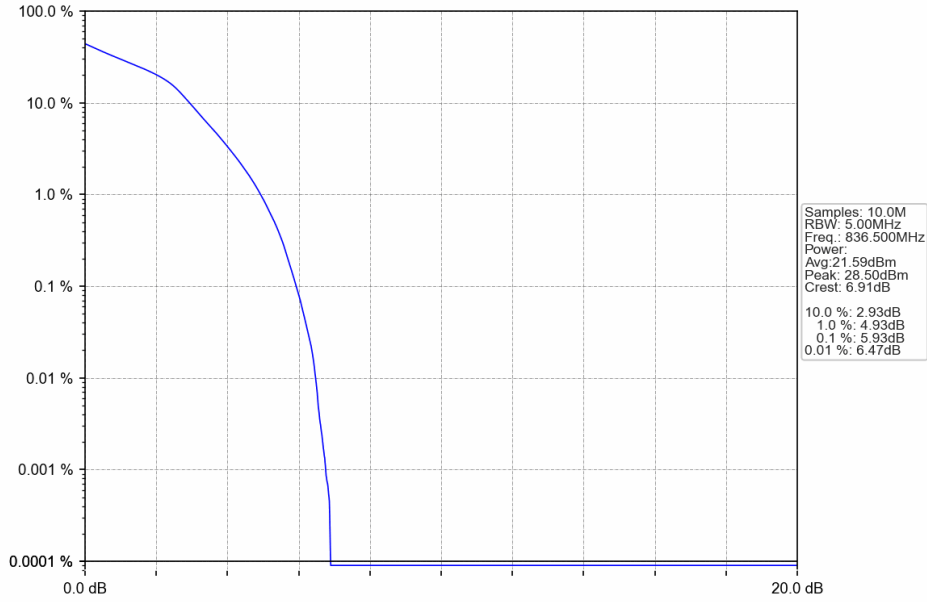
Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



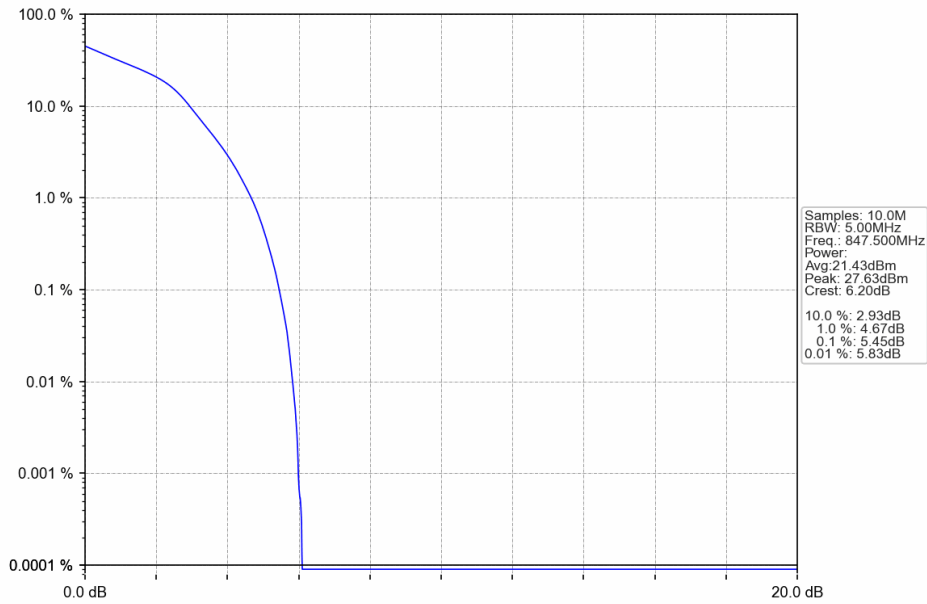
Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV

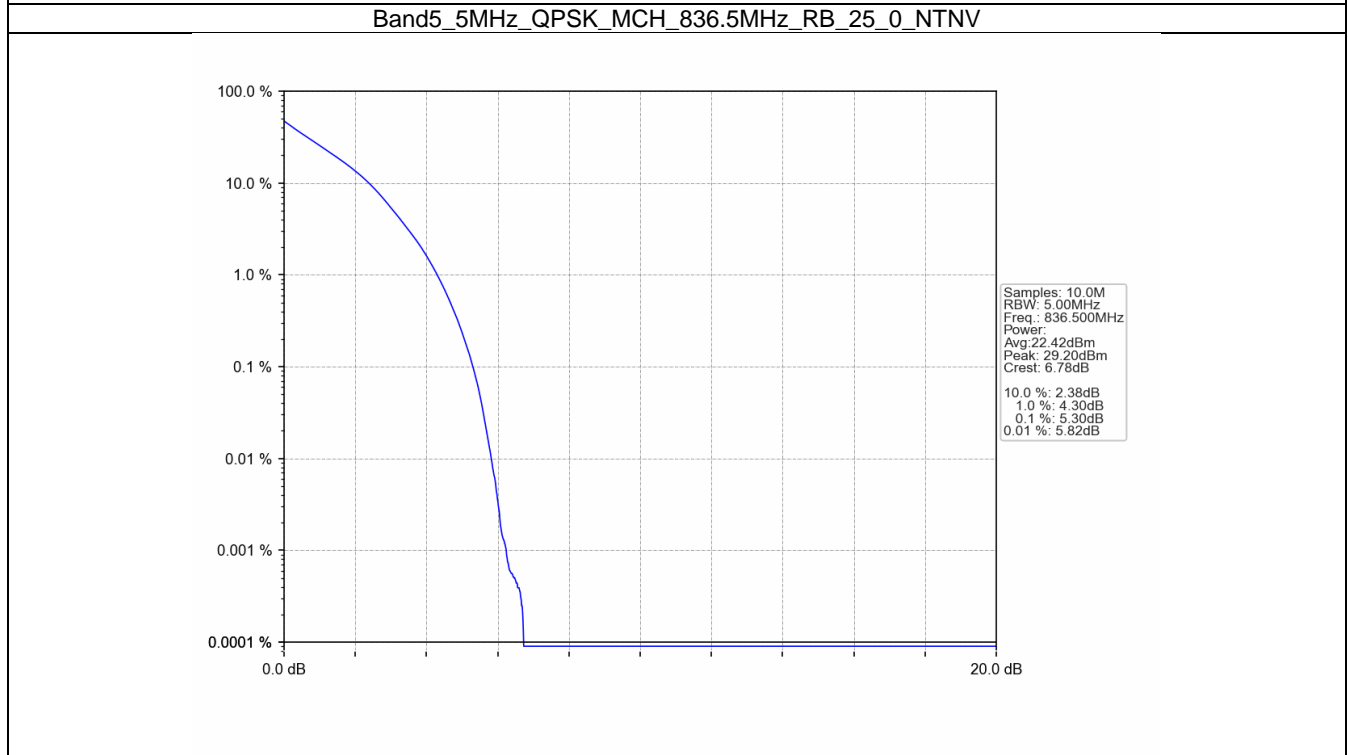
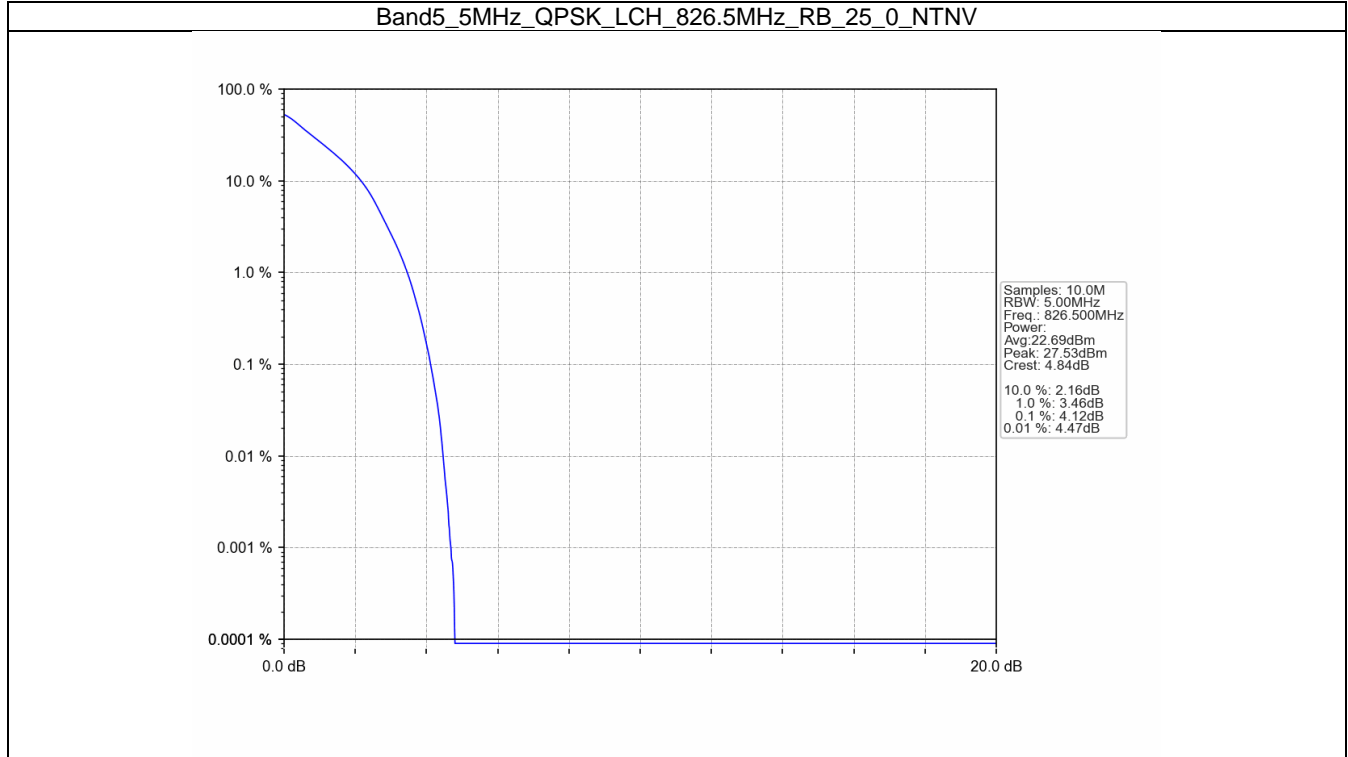


5.3 B5\_5MHz

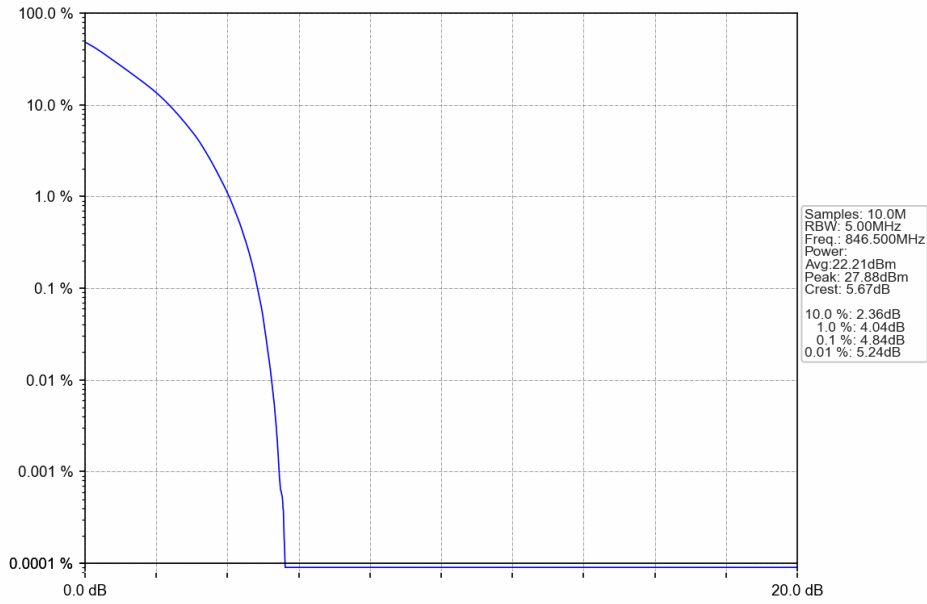
5.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	4.12	<=13	Pass
	836.5	25	0	5.30	<=13	Pass
	846.5	25	0	4.84	<=13	Pass
16QAM	826.5	25	0	4.86	<=13	Pass
	836.5	25	0	6.02	<=13	Pass
	846.5	25	0	5.61	<=13	Pass

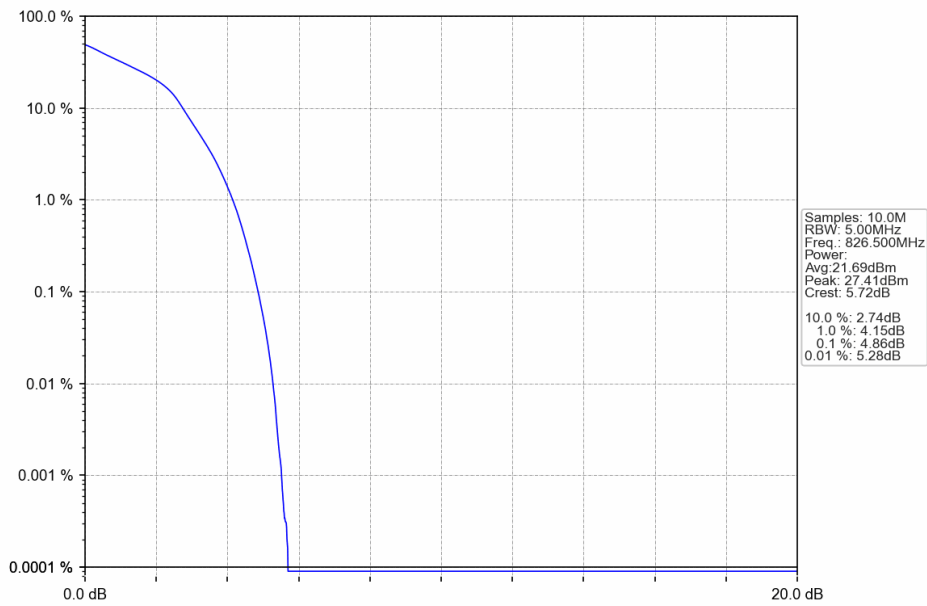
5.3.2 Test Graph



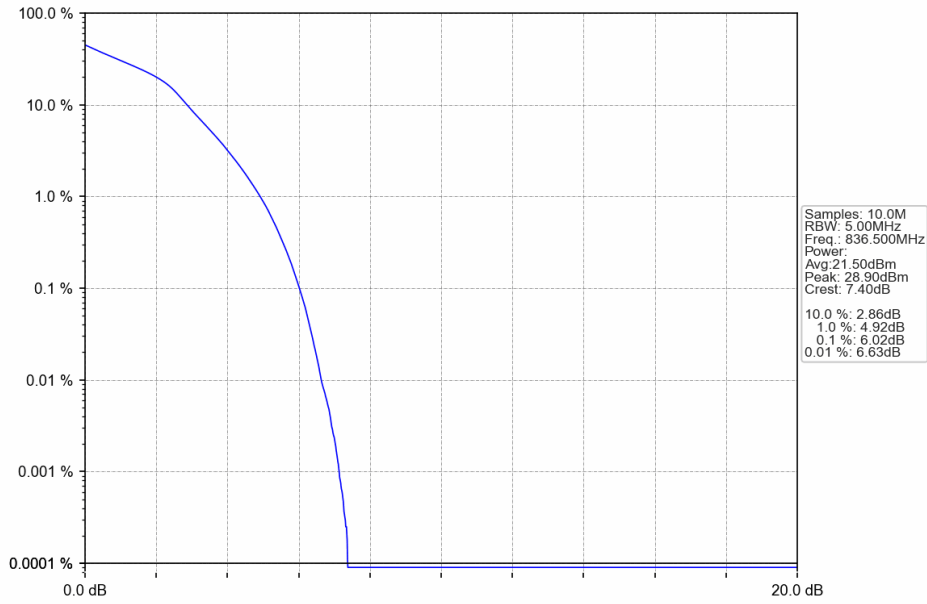
Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



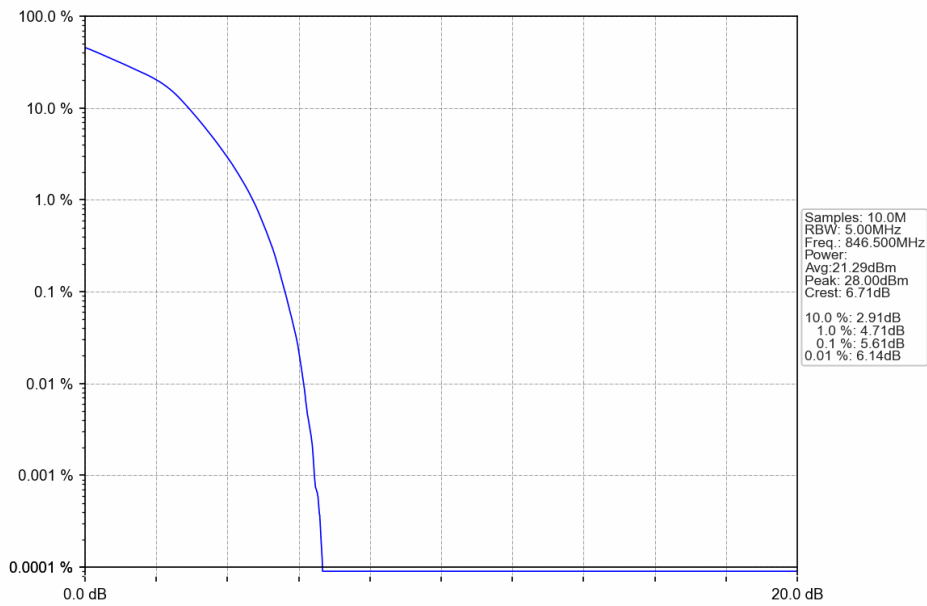
Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



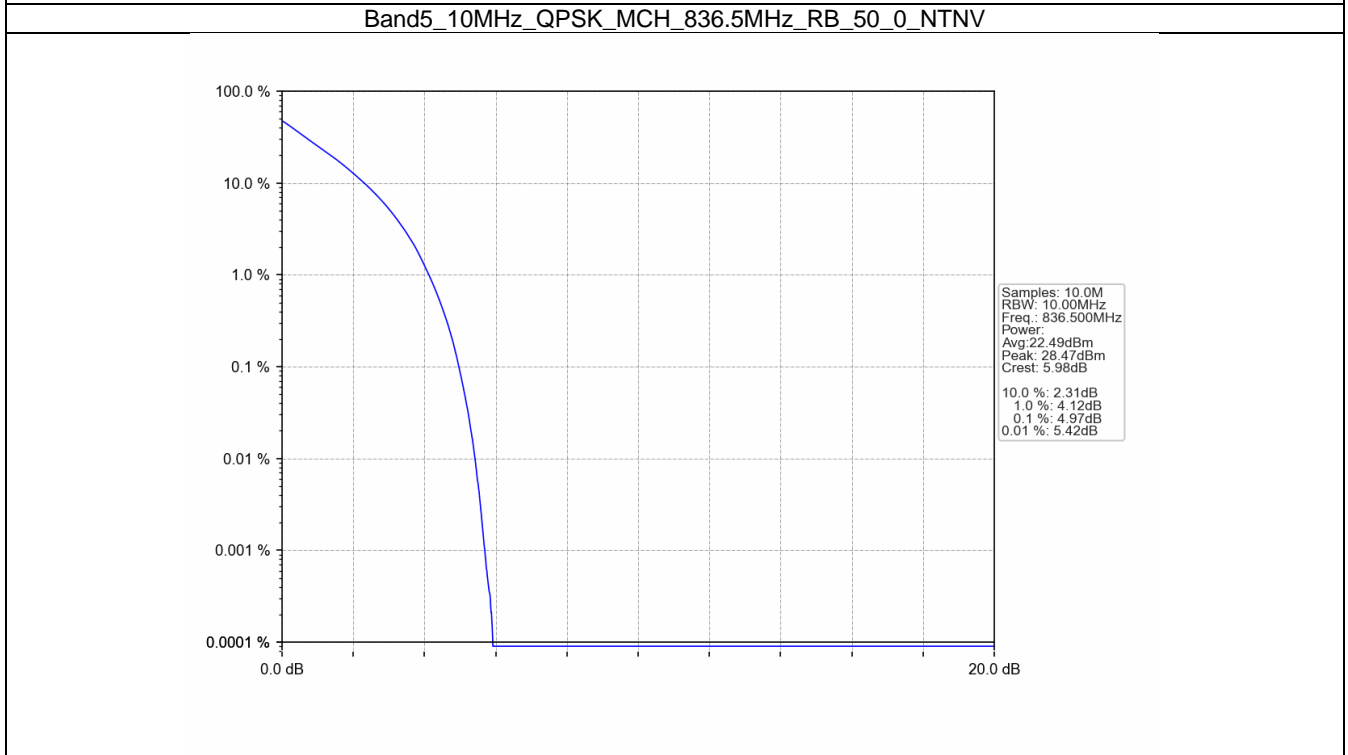
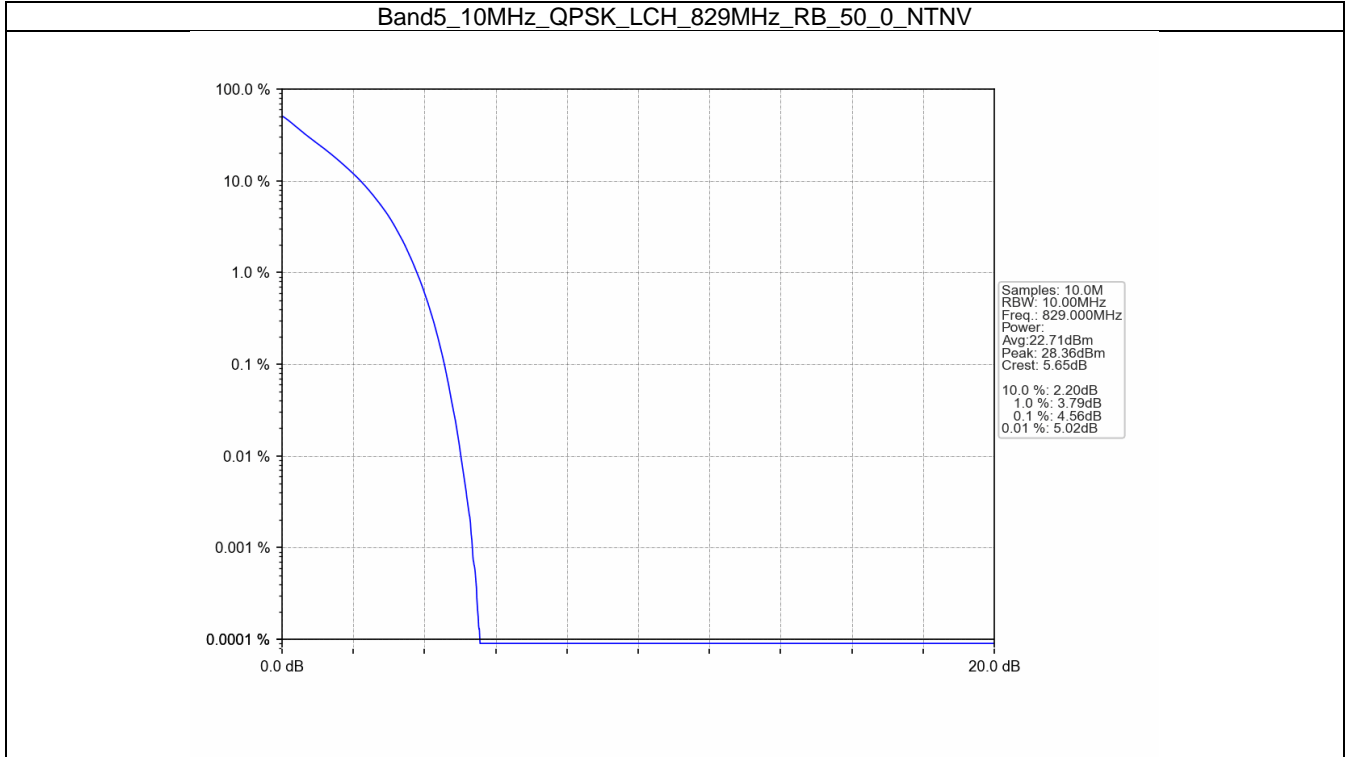
5.4 B5\_10MHz

5.4.1 Test Result

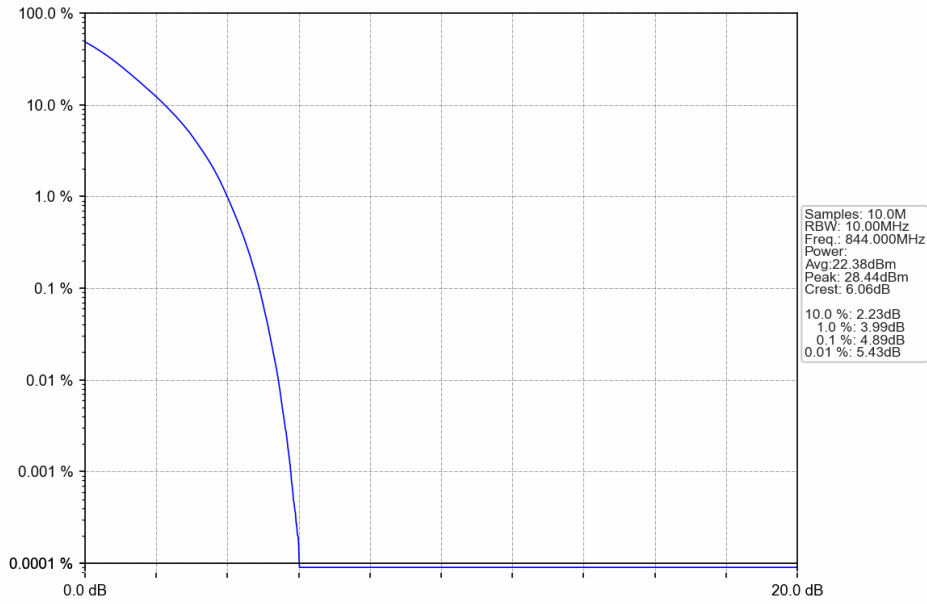
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	4.56	<=13	Pass
	836.5	50	0	4.97	<=13	Pass
	844	50	0	4.89	<=13	Pass
16QAM	829	50	0	5.26	<=13	Pass
	836.5	50	0	5.81	<=13	Pass
	844	50	0	5.55	<=13	Pass



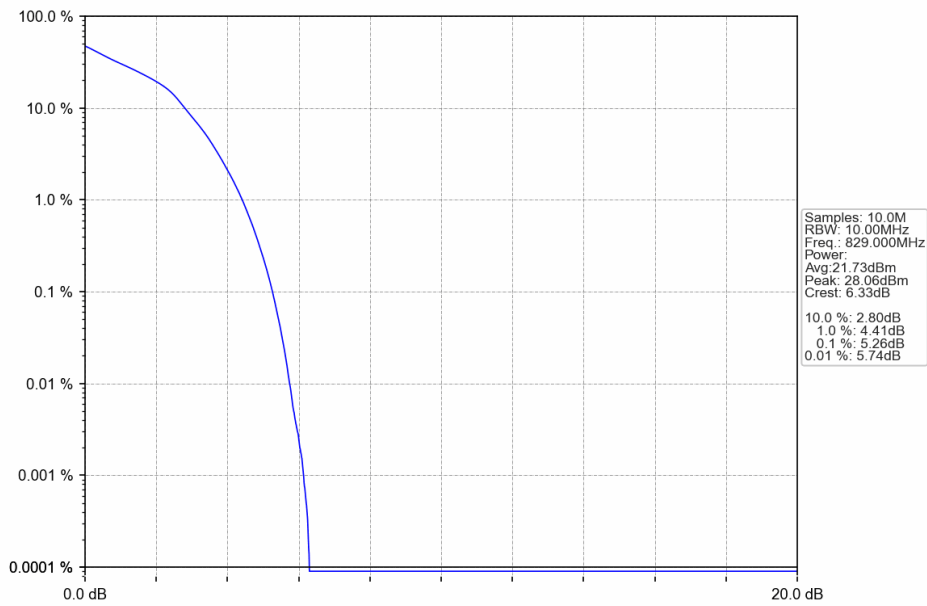
5.4.2 Test Graph



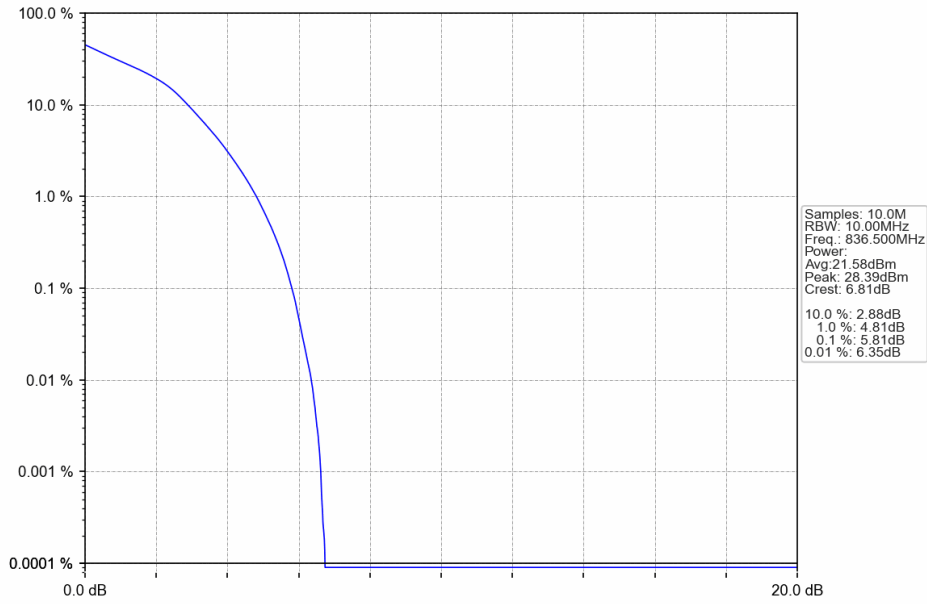
Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



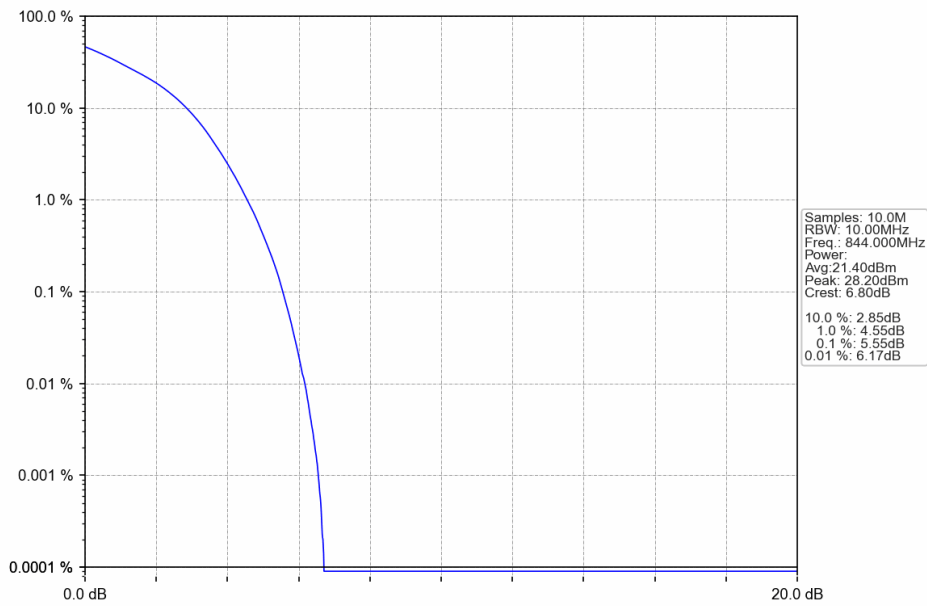
Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV



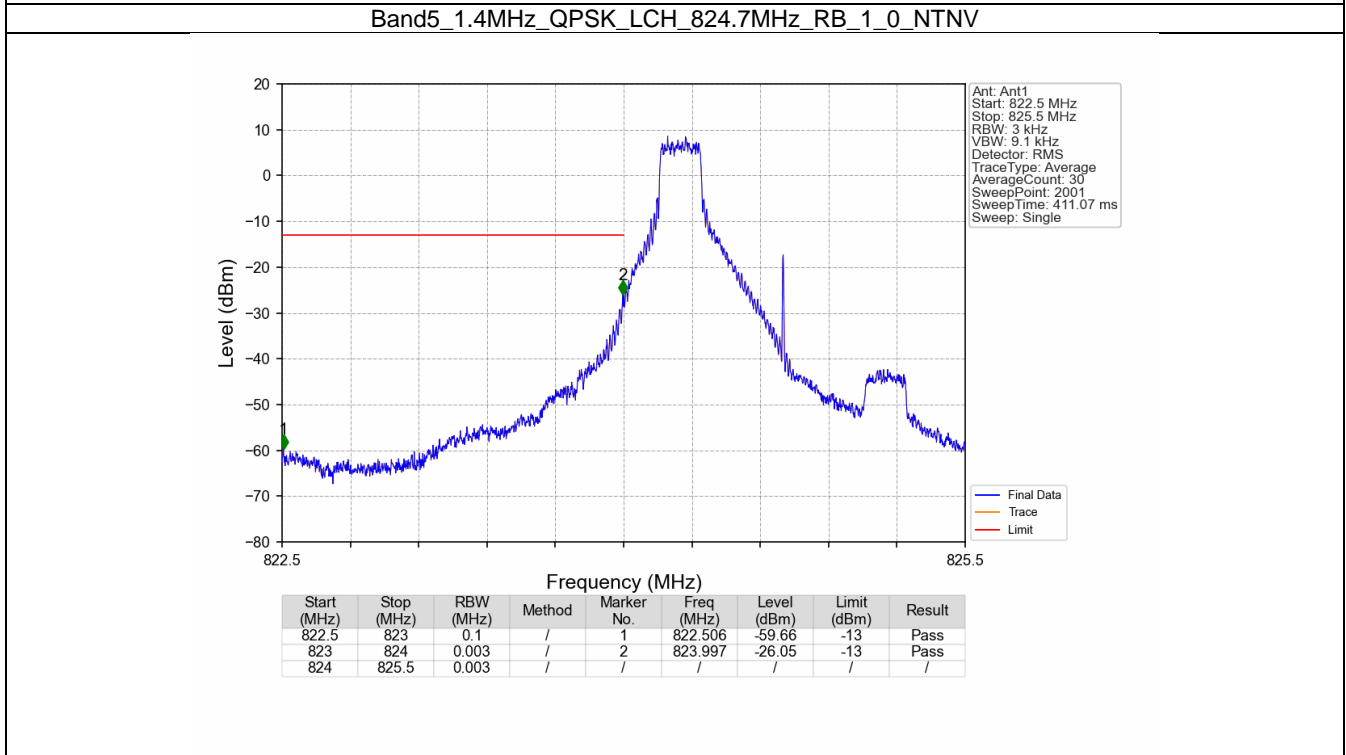
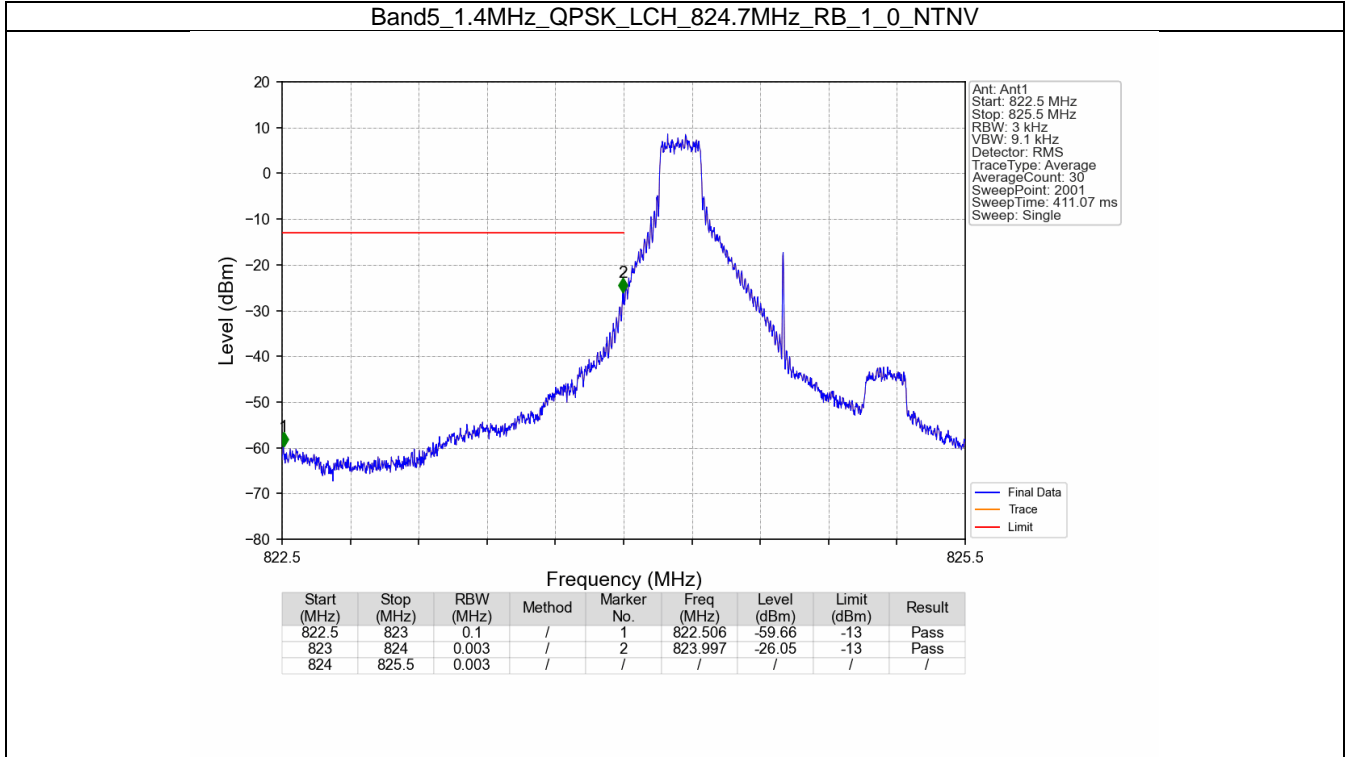
## 6. Spurious Emission

### 6.1 B5\_1.4MHz

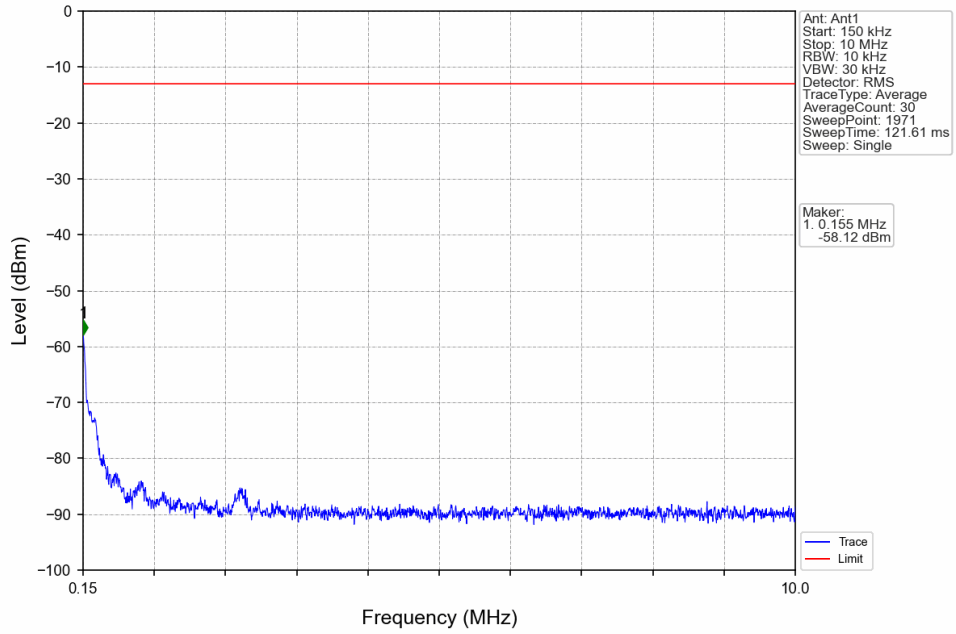
#### 6.1.1 Test Result

Band: 5 / 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
	848.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

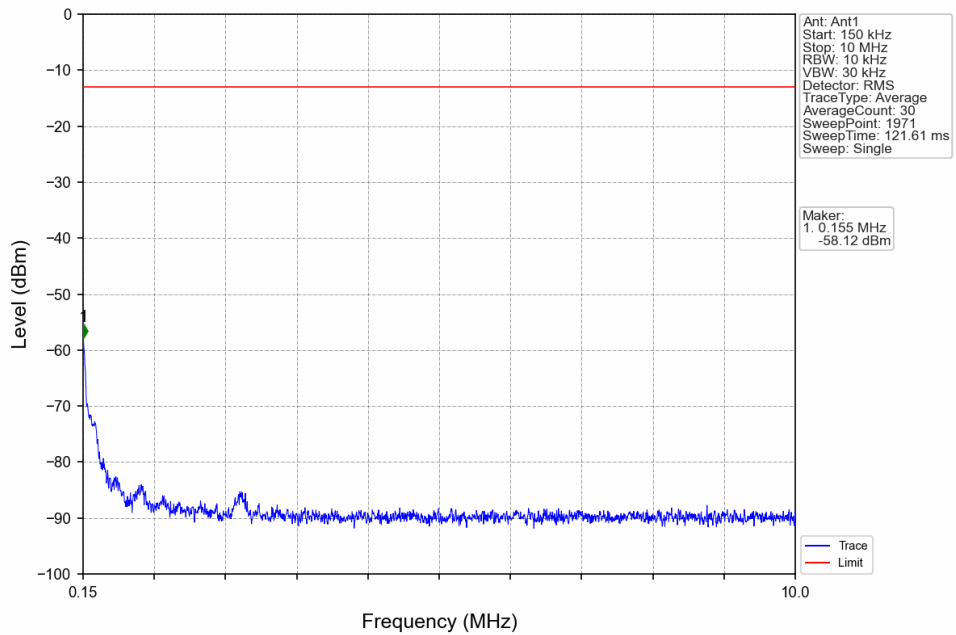
6.1.2 Test Graph



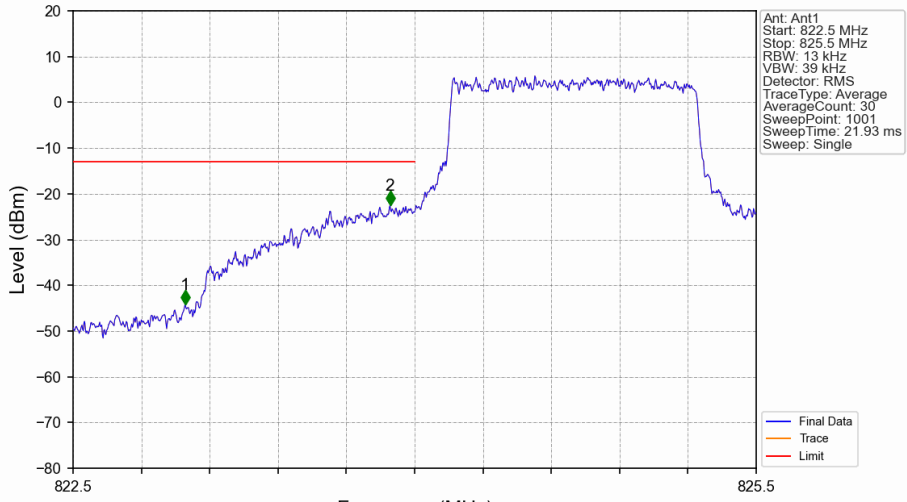
Band5\_1.4MHz\_QPSK\_LCH\_824.7MHz\_RB\_1\_0\_NTNV



Band5\_1.4MHz\_QPSK\_LCH\_824.7MHz\_RB\_1\_0\_NTNV

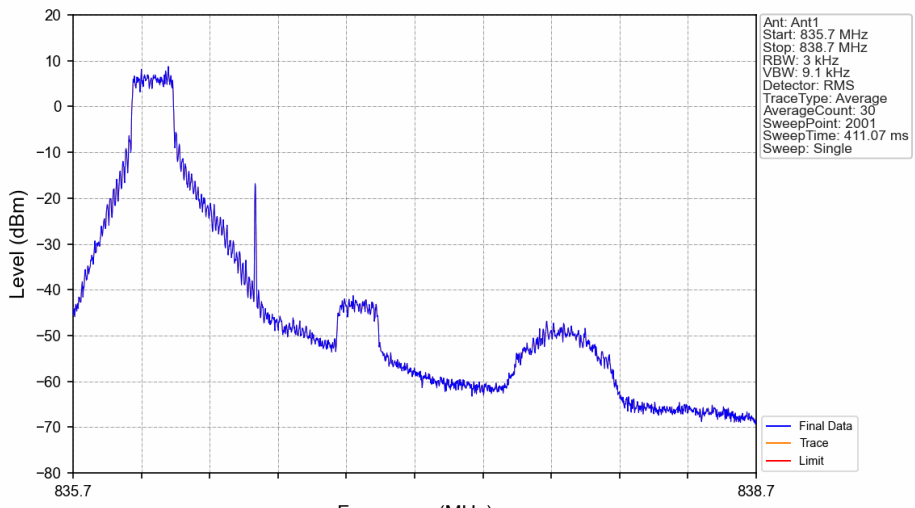


Band5\_1.4MHz\_QPSK\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



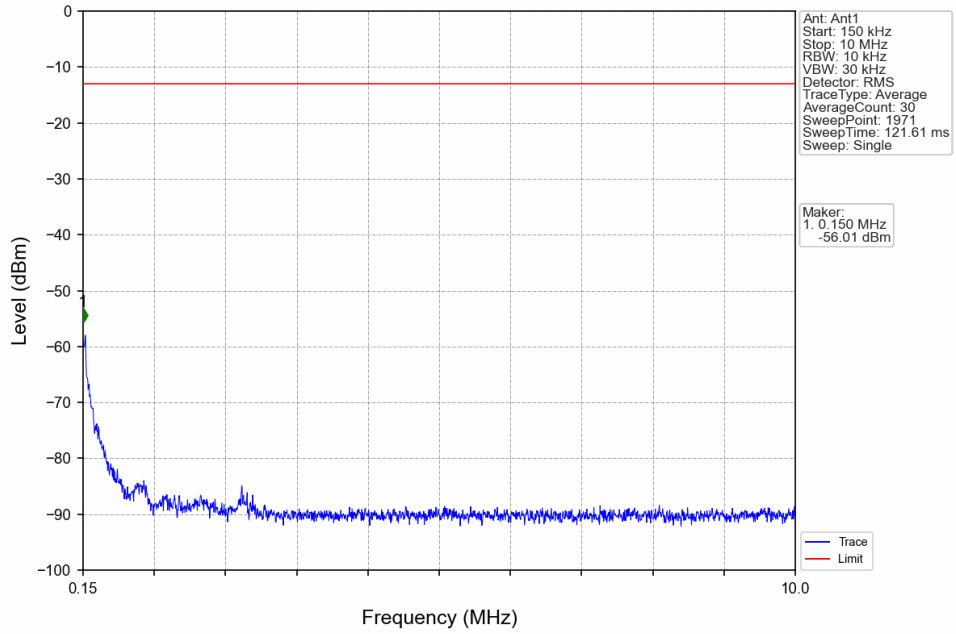
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	/	1	822.992	-44.18	-13	Pass
823	824	0.013	/	2	823.892	-22.56	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

Band5\_1.4MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

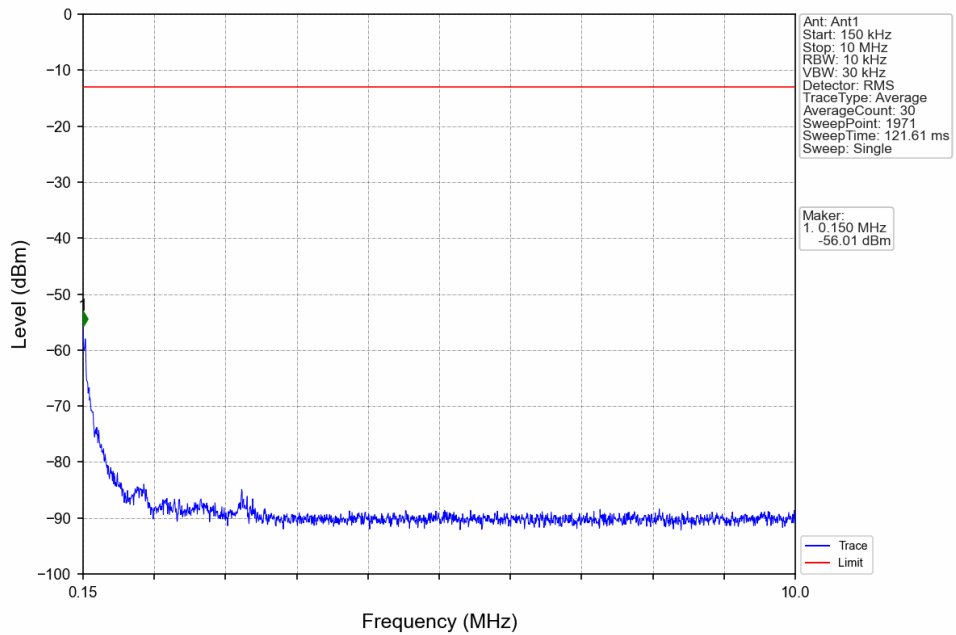


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
835.7	838.7	0.003	/	/	/	/	/	/

Band5\_1.4MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

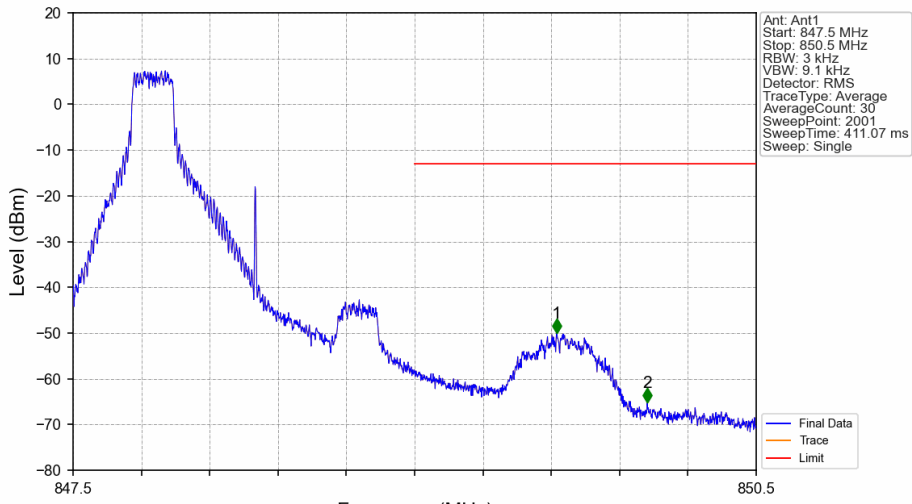


Band5\_1.4MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV





Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.624	-50.08	-13	Pass
850	850.5	0.1	/	2	850.021	-65.26	-13	Pass

Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_1\_0\_NTNV

