

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

Band: 5 / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	23.61	-7.45	14.01	<=38.45	Pass
			2	23.62	-7.45	14.02	<=38.45	Pass
			5	23.58	-7.45	13.98	<=38.45	Pass
		3	0	23.53	-7.45	13.93	<=38.45	Pass
			2	23.52	-7.45	13.92	<=38.45	Pass
			3	23.53	-7.45	13.93	<=38.45	Pass
		6	0	22.45	-7.45	12.85	<=38.45	Pass
	836.5	1	0	23.41	-7.45	13.81	<=38.45	Pass
			2	23.58	-7.45	13.98	<=38.45	Pass
			5	23.49	-7.45	13.89	<=38.45	Pass
		3	0	23.33	-7.45	13.73	<=38.45	Pass
			2	23.36	-7.45	13.76	<=38.45	Pass
			3	23.32	-7.45	13.72	<=38.45	Pass
		6	0	22.30	-7.45	12.7	<=38.45	Pass
	848.3	1	0	23.07	-7.45	13.47	<=38.45	Pass
			2	23.14	-7.45	13.54	<=38.45	Pass
			5	23.16	-7.45	13.56	<=38.45	Pass
		3	0	23.18	-7.45	13.58	<=38.45	Pass
			2	23.16	-7.45	13.56	<=38.45	Pass
			3	23.09	-7.45	13.49	<=38.45	Pass
		6	0	22.14	-7.45	12.54	<=38.45	Pass
16QAM	824.7	1	0	22.57	-7.45	12.97	<=38.45	Pass
			2	22.62	-7.45	13.02	<=38.45	Pass
			5	22.61	-7.45	13.01	<=38.45	Pass
		3	0	22.41	-7.45	12.81	<=38.45	Pass
			2	20.41	-7.45	10.81	<=38.45	Pass
			3	20.42	-7.45	10.82	<=38.45	Pass
		6	0	19.01	-7.45	9.41	<=38.45	Pass
	836.5	1	0	21.79	-7.45	12.19	<=38.45	Pass
			2	21.80	-7.45	12.2	<=38.45	Pass
			5	21.81	-7.45	12.21	<=38.45	Pass
		3	0	22.10	-7.45	12.5	<=38.45	Pass
			2	22.05	-7.45	12.45	<=38.45	Pass
			3	22.08	-7.45	12.48	<=38.45	Pass
		6	0	21.76	-7.45	12.16	<=38.45	Pass
	848.3	1	0	22.68	-7.45	13.08	<=38.45	Pass
			2	20.94	-7.45	11.34	<=38.45	Pass
			5	20.94	-7.45	11.34	<=38.45	Pass
		3	0	20.40	-7.45	10.8	<=38.45	Pass
2			20.43	-7.45	10.83	<=38.45	Pass	
3			20.33	-7.45	10.73	<=38.45	Pass	
6		0	18.48	-7.45	8.88	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B5_3MHz_ERP

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	21.66	-7.45	12.06	<=38.45	Pass
			7	21.66	-7.45	12.06	<=38.45	Pass
			14	21.69	-7.45	12.09	<=38.45	Pass
		8	0	20.47	-7.45	10.87	<=38.45	Pass
			4	20.46	-7.45	10.86	<=38.45	Pass
			7	20.57	-7.45	10.97	<=38.45	Pass
		15	0	20.52	-7.45	10.92	<=38.45	Pass
	836.5	1	0	21.28	-7.45	11.68	<=38.45	Pass
			7	21.46	-7.45	11.86	<=38.45	Pass
			14	21.50	-7.45	11.9	<=38.45	Pass
		8	0	20.31	-7.45	10.71	<=38.45	Pass
			4	20.63	-7.45	11.03	<=38.45	Pass
			7	20.62	-7.45	11.02	<=38.45	Pass
		15	0	20.57	-7.45	10.97	<=38.45	Pass
	847.5	1	0	21.53	-7.45	11.93	<=38.45	Pass
			7	21.43	-7.45	11.83	<=38.45	Pass
			14	21.51	-7.45	11.91	<=38.45	Pass
		8	0	20.39	-7.45	10.79	<=38.45	Pass
			4	20.38	-7.45	10.78	<=38.45	Pass
			7	20.40	-7.45	10.8	<=38.45	Pass
15		0	20.47	-7.45	10.87	<=38.45	Pass	
16QAM	825.5	1	0	19.98	-7.45	10.38	<=38.45	Pass
			7	19.98	-7.45	10.38	<=38.45	Pass
			14	19.99	-7.45	10.39	<=38.45	Pass
		8	0	19.12	-7.45	9.52	<=38.45	Pass
			4	19.22	-7.45	9.62	<=38.45	Pass
			7	19.18	-7.45	9.58	<=38.45	Pass
		15	0	19.15	-7.45	9.55	<=38.45	Pass
	836.5	1	0	20.97	-7.45	11.37	<=38.45	Pass
			7	21.37	-7.45	11.77	<=38.45	Pass
			14	21.26	-7.45	11.66	<=38.45	Pass
		8	0	18.80	-7.45	9.2	<=38.45	Pass
			4	18.89	-7.45	9.29	<=38.45	Pass
			7	18.90	-7.45	9.3	<=38.45	Pass
		15	0	18.83	-7.45	9.23	<=38.45	Pass
	847.5	1	0	20.34	-7.45	10.74	<=38.45	Pass
			7	20.34	-7.45	10.74	<=38.45	Pass
			14	20.29	-7.45	10.69	<=38.45	Pass
		8	0	18.78	-7.45	9.18	<=38.45	Pass
4			18.83	-7.45	9.23	<=38.45	Pass	
7			18.75	-7.45	9.15	<=38.45	Pass	
15		0	18.79	-7.45	9.19	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	21.19	-7.45	11.59	<=38.45	Pass
			13	21.25	-7.45	11.65	<=38.45	Pass
			24	21.14	-7.45	11.54	<=38.45	Pass
		12	0	20.42	-7.45	10.82	<=38.45	Pass
			6	20.47	-7.45	10.87	<=38.45	Pass
			13	20.44	-7.45	10.84	<=38.45	Pass

		25	0	20.50	-7.45	10.9	<=38.45	Pass
	836.5	1	0	23.31	-7.45	13.71	<=38.45	Pass
			13	23.32	-7.45	13.72	<=38.45	Pass
			24	23.28	-7.45	13.68	<=38.45	Pass
			0	22.33	-7.45	12.73	<=38.45	Pass
		12	6	22.36	-7.45	12.76	<=38.45	Pass
			13	22.31	-7.45	12.71	<=38.45	Pass
			25	0	20.65	-7.45	11.05	<=38.45
	846.5	1	0	21.42	-7.45	11.82	<=38.45	Pass
			13	21.42	-7.45	11.82	<=38.45	Pass
			24	21.30	-7.45	11.7	<=38.45	Pass
			0	20.45	-7.45	10.85	<=38.45	Pass
		12	6	20.46	-7.45	10.86	<=38.45	Pass
			13	20.53	-7.45	10.93	<=38.45	Pass
			25	0	20.42	-7.45	10.82	<=38.45
16QAM	826.5	1	0	20.49	-7.45	10.89	<=38.45	Pass
			13	20.57	-7.45	10.97	<=38.45	Pass
			24	22.58	-7.45	12.98	<=38.45	Pass
		12	0	21.60	-7.45	12	<=38.45	Pass
			6	21.66	-7.45	12.06	<=38.45	Pass
			13	21.61	-7.45	12.01	<=38.45	Pass
			25	0	21.59	-7.45	11.99	<=38.45
	836.5	1	0	20.45	-7.45	10.85	<=38.45	Pass
			13	20.77	-7.45	11.17	<=38.45	Pass
			24	20.75	-7.45	11.15	<=38.45	Pass
			0	18.63	-7.45	9.03	<=38.45	Pass
		12	6	18.85	-7.45	9.25	<=38.45	Pass
			13	18.76	-7.45	9.16	<=38.45	Pass
			25	0	18.78	-7.45	9.18	<=38.45
	846.5	1	0	20.02	-7.45	10.42	<=38.45	Pass
			13	20.03	-7.45	10.43	<=38.45	Pass
			24	19.90	-7.45	10.3	<=38.45	Pass
			0	18.68	-7.45	9.08	<=38.45	Pass
		12	6	18.87	-7.45	9.27	<=38.45	Pass
			13	18.66	-7.45	9.06	<=38.45	Pass
			25	0	18.77	-7.45	9.17	<=38.45
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	21.47	-7.45	11.87	<=38.45	Pass
			25	21.34	-7.45	11.74	<=38.45	Pass
			49	21.40	-7.45	11.8	<=38.45	Pass
		25	0	20.44	-7.45	10.84	<=38.45	Pass
			13	20.34	-7.45	10.74	<=38.45	Pass
			25	20.69	-7.45	11.09	<=38.45	Pass
		50	0	22.34	-7.45	12.74	<=38.45	Pass
	836.5	1	0	23.51	-7.45	13.91	<=38.45	Pass
			25	23.43	-7.45	13.83	<=38.45	Pass
			49	21.67	-7.45	12.07	<=38.45	Pass
		25	0	20.31	-7.45	10.71	<=38.45	Pass
			13	20.71	-7.45	11.11	<=38.45	Pass
			25	20.58	-7.45	10.98	<=38.45	Pass
		50	0	20.72	-7.45	11.12	<=38.45	Pass

	844	1	0	21.51	-7.45	11.91	<=38.45	Pass		
			25	21.21	-7.45	11.61	<=38.45	Pass		
			49	21.39	-7.45	11.79	<=38.45	Pass		
		25	0	20.39	-7.45	10.79	<=38.45	Pass		
			13	20.16	-7.45	10.56	<=38.45	Pass		
			25	20.41	-7.45	10.81	<=38.45	Pass		
		50	0	20.16	-7.45	10.56	<=38.45	Pass		
		16QAM	829	1	0	21.90	-7.45	12.3	<=38.45	Pass
					25	21.76	-7.45	12.16	<=38.45	Pass
49	21.79				-7.45	12.19	<=38.45	Pass		
25	0			21.58	-7.45	11.98	<=38.45	Pass		
	13			21.50	-7.45	11.9	<=38.45	Pass		
	25			21.82	-7.45	12.22	<=38.45	Pass		
50	0			21.47	-7.45	11.87	<=38.45	Pass		
836.5	1			0	20.92	-7.45	11.32	<=38.45	Pass	
				25	20.73	-7.45	11.13	<=38.45	Pass	
			49	20.67	-7.45	11.07	<=38.45	Pass		
	25		0	18.76	-7.45	9.16	<=38.45	Pass		
			13	18.97	-7.45	9.37	<=38.45	Pass		
			25	19.16	-7.45	9.56	<=38.45	Pass		
	50		0	18.98	-7.45	9.38	<=38.45	Pass		
	844		1	0	20.33	-7.45	10.73	<=38.45	Pass	
				25	20.02	-7.45	10.42	<=38.45	Pass	
49				20.22	-7.45	10.62	<=38.45	Pass		
25			0	18.77	-7.45	9.17	<=38.45	Pass		
		13	19.02	-7.45	9.42	<=38.45	Pass			
		25	19.14	-7.45	9.54	<=38.45	Pass			
50		0	18.94	-7.45	9.34	<=38.45	Pass			
Note1: ERP=Conducted Power+Antenna Gain-2.15										

2. Frequency Stability

2.1 Test Result

2.1.1 B5_1.4MHz

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	0.343	0.0004	-2.5 to 2.5	Pass
					3.85	5.808	0.0070	-2.5 to 2.5	Pass
					4.43	19.612	0.0238	-2.5 to 2.5	Pass
				-30	3.85	33.932	0.0411	-2.5 to 2.5	Pass
				-20	3.85	2.675	0.0032	-2.5 to 2.5	Pass
				-10	3.85	16.994	0.0206	-2.5 to 2.5	Pass
				0	3.85	31.815	0.0386	-2.5 to 2.5	Pass
				10	3.85	45.118	0.0547	-2.5 to 2.5	Pass
				30	3.85	7.339	0.0089	-2.5 to 2.5	Pass
				40	3.85	20.871	0.0253	-2.5 to 2.5	Pass
				50	3.85	29.469	0.0357	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	5.722	0.0068	-2.5 to 2.5	Pass
					3.85	4.377	0.0052	-2.5 to 2.5	Pass
					4.43	9.084	0.0109	-2.5 to 2.5	Pass
				-30	3.85	13.189	0.0158	-2.5 to 2.5	Pass
				-20	3.85	18.439	0.0220	-2.5 to 2.5	Pass
				-10	3.85	27.037	0.0323	-2.5 to 2.5	Pass

				0	3.85	29.869	0.0357	-2.5 to 2.5	Pass
				10	3.85	39.110	0.0468	-2.5 to 2.5	Pass
				30	3.85	18.854	0.0225	-2.5 to 2.5	Pass
				40	3.85	14.520	0.0174	-2.5 to 2.5	Pass
				50	3.85	18.511	0.0221	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-16.952	-0.0200	-2.5 to 2.5	Pass
					3.85	-20.428	-0.0241	-2.5 to 2.5	Pass
					4.43	-16.422	-0.0194	-2.5 to 2.5	Pass
				-30	3.85	-7.567	-0.0089	-2.5 to 2.5	Pass
				-20	3.85	5.608	0.0066	-2.5 to 2.5	Pass
				-10	3.85	15.435	0.0182	-2.5 to 2.5	Pass
				0	3.85	27.523	0.0324	-2.5 to 2.5	Pass
				10	3.85	36.564	0.0431	-2.5 to 2.5	Pass
				30	3.85	46.949	0.0553	-2.5 to 2.5	Pass
				40	3.85	10.443	0.0123	-2.5 to 2.5	Pass
				50	3.85	20.728	0.0244	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	42.272	0.0513	-2.5 to 2.5	Pass
					3.85	1.645	0.0020	-2.5 to 2.5	Pass
					4.43	9.770	0.0118	-2.5 to 2.5	Pass
				-30	3.85	16.952	0.0206	-2.5 to 2.5	Pass
				-20	3.85	22.101	0.0268	-2.5 to 2.5	Pass
				-10	3.85	30.813	0.0374	-2.5 to 2.5	Pass
				0	3.85	34.132	0.0414	-2.5 to 2.5	Pass
				10	3.85	41.270	0.0500	-2.5 to 2.5	Pass
				30	3.85	44.875	0.0544	-2.5 to 2.5	Pass
				40	3.85	0.486	0.0006	-2.5 to 2.5	Pass
				50	3.85	7.839	0.0095	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	22.559	0.0270	-2.5 to 2.5	Pass
					3.85	29.984	0.0358	-2.5 to 2.5	Pass
					4.43	30.484	0.0364	-2.5 to 2.5	Pass
				-30	3.85	36.721	0.0439	-2.5 to 2.5	Pass
				-20	3.85	38.109	0.0456	-2.5 to 2.5	Pass
				-10	3.85	41.499	0.0496	-2.5 to 2.5	Pass
				0	3.85	44.932	0.0537	-2.5 to 2.5	Pass
				10	3.85	46.263	0.0553	-2.5 to 2.5	Pass
				30	3.85	2.146	0.0026	-2.5 to 2.5	Pass
				40	3.85	2.546	0.0030	-2.5 to 2.5	Pass
				50	3.85	1.631	0.0019	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	37.351	0.0440	-2.5 to 2.5	Pass
					3.85	45.834	0.0540	-2.5 to 2.5	Pass
					4.43	7.224	0.0085	-2.5 to 2.5	Pass
				-30	3.85	13.590	0.0160	-2.5 to 2.5	Pass
				-20	3.85	21.286	0.0251	-2.5 to 2.5	Pass
				-10	3.85	29.082	0.0343	-2.5 to 2.5	Pass
				0	3.85	33.388	0.0394	-2.5 to 2.5	Pass
				10	3.85	42.286	0.0498	-2.5 to 2.5	Pass
				30	3.85	0.701	0.0008	-2.5 to 2.5	Pass
				40	3.85	9.813	0.0116	-2.5 to 2.5	Pass
				50	3.85	18.353	0.0216	-2.5 to 2.5	Pass

2.1.2 B5_3MHz

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	-15.407	-0.0187	-2.5 to 2.5	Pass
					3.85	-21.415	-0.0259	-2.5 to 2.5	Pass

					4.43	-20.971	-0.0254	-2.5 to 2.5	Pass
				-30	3.85	-13.533	-0.0164	-2.5 to 2.5	Pass
				-20	3.85	-4.592	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	3.905	0.0047	-2.5 to 2.5	Pass
				0	3.85	13.661	0.0165	-2.5 to 2.5	Pass
				10	3.85	20.871	0.0253	-2.5 to 2.5	Pass
				30	3.85	29.283	0.0355	-2.5 to 2.5	Pass
				40	3.85	35.391	0.0429	-2.5 to 2.5	Pass
				50	3.85	41.256	0.0500	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	3.676	0.0044	-2.5 to 2.5	Pass
					3.85	2.661	0.0032	-2.5 to 2.5	Pass
					4.43	8.755	0.0105	-2.5 to 2.5	Pass
				-30	3.85	12.388	0.0148	-2.5 to 2.5	Pass
				-20	3.85	24.319	0.0291	-2.5 to 2.5	Pass
				-10	3.85	34.561	0.0413	-2.5 to 2.5	Pass
				0	3.85	42.472	0.0508	-2.5 to 2.5	Pass
				10	3.85	8.726	0.0104	-2.5 to 2.5	Pass
				30	3.85	13.690	0.0164	-2.5 to 2.5	Pass
				40	3.85	21.644	0.0259	-2.5 to 2.5	Pass
				50	3.85	23.618	0.0282	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-6.881	-0.0081	-2.5 to 2.5	Pass
					3.85	-15.736	-0.0186	-2.5 to 2.5	Pass
					4.43	-18.168	-0.0214	-2.5 to 2.5	Pass
				-30	3.85	-15.821	-0.0187	-2.5 to 2.5	Pass
				-20	3.85	-12.946	-0.0153	-2.5 to 2.5	Pass
				-10	3.85	-6.166	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-2.046	-0.0024	-2.5 to 2.5	Pass
				10	3.85	3.934	0.0046	-2.5 to 2.5	Pass
				30	3.85	7.324	0.0086	-2.5 to 2.5	Pass
				40	3.85	13.375	0.0158	-2.5 to 2.5	Pass
				50	3.85	16.565	0.0195	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	14.863	0.0180	-2.5 to 2.5	Pass
					3.85	10.242	0.0124	-2.5 to 2.5	Pass
					4.43	14.119	0.0171	-2.5 to 2.5	Pass
				-30	3.85	10.200	0.0124	-2.5 to 2.5	Pass
				-20	3.85	6.251	0.0076	-2.5 to 2.5	Pass
				-10	3.85	2.060	0.0025	-2.5 to 2.5	Pass
				0	3.85	-2.446	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-3.304	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-7.339	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-2.460	-0.0030	-2.5 to 2.5	Pass
				50	3.85	3.176	0.0038	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	31.929	0.0382	-2.5 to 2.5	Pass
					3.85	36.135	0.0432	-2.5 to 2.5	Pass
					4.43	39.210	0.0469	-2.5 to 2.5	Pass
				-30	3.85	45.362	0.0542	-2.5 to 2.5	Pass
				-20	3.85	45.934	0.0549	-2.5 to 2.5	Pass
				-10	3.85	8.597	0.0103	-2.5 to 2.5	Pass
				0	3.85	6.452	0.0077	-2.5 to 2.5	Pass
				10	3.85	1.945	0.0023	-2.5 to 2.5	Pass
				30	3.85	-6.652	-0.0080	-2.5 to 2.5	Pass
				40	3.85	-16.437	-0.0196	-2.5 to 2.5	Pass
				50	3.85	-22.388	-0.0268	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	19.870	0.0234	-2.5 to 2.5	Pass
					3.85	24.748	0.0292	-2.5 to 2.5	Pass
					4.43	20.242	0.0239	-2.5 to 2.5	Pass
				-30	3.85	17.424	0.0206	-2.5 to 2.5	Pass
				-20	3.85	9.127	0.0108	-2.5 to 2.5	Pass
				-10	3.85	1.531	0.0018	-2.5 to 2.5	Pass

				0	3.85	-3.419	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-10.386	-0.0123	-2.5 to 2.5	Pass
				30	3.85	-14.191	-0.0167	-2.5 to 2.5	Pass
				40	3.85	-23.561	-0.0278	-2.5 to 2.5	Pass
				50	3.85	-22.473	-0.0265	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

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	-10.185	-0.0123	-2.5 to 2.5	Pass
					3.85	-15.435	-0.0187	-2.5 to 2.5	Pass
					4.43	-10.200	-0.0123	-2.5 to 2.5	Pass
				-30	3.85	-2.947	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	8.154	0.0099	-2.5 to 2.5	Pass
				-10	3.85	21.100	0.0255	-2.5 to 2.5	Pass
				0	3.85	31.443	0.0380	-2.5 to 2.5	Pass
				10	3.85	13.719	0.0166	-2.5 to 2.5	Pass
				30	3.85	8.683	0.0105	-2.5 to 2.5	Pass
				40	3.85	21.257	0.0257	-2.5 to 2.5	Pass
				50	3.85	29.755	0.0360	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	10.142	0.0121	-2.5 to 2.5	Pass
					3.85	7.753	0.0093	-2.5 to 2.5	Pass
					4.43	7.739	0.0093	-2.5 to 2.5	Pass
				-30	3.85	9.613	0.0115	-2.5 to 2.5	Pass
				-20	3.85	15.750	0.0188	-2.5 to 2.5	Pass
				-10	3.85	22.874	0.0273	-2.5 to 2.5	Pass
				0	3.85	22.602	0.0270	-2.5 to 2.5	Pass
				10	3.85	25.492	0.0305	-2.5 to 2.5	Pass
				30	3.85	24.590	0.0294	-2.5 to 2.5	Pass
				40	3.85	26.793	0.0320	-2.5 to 2.5	Pass
				50	3.85	27.981	0.0335	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-8.025	-0.0095	-2.5 to 2.5	Pass
					3.85	-12.231	-0.0144	-2.5 to 2.5	Pass
					4.43	-13.976	-0.0165	-2.5 to 2.5	Pass
				-30	3.85	-7.124	-0.0084	-2.5 to 2.5	Pass
				-20	3.85	-1.717	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	5.050	0.0060	-2.5 to 2.5	Pass
				0	3.85	10.600	0.0125	-2.5 to 2.5	Pass
				10	3.85	14.520	0.0172	-2.5 to 2.5	Pass
				30	3.85	20.671	0.0244	-2.5 to 2.5	Pass
				40	3.85	24.047	0.0284	-2.5 to 2.5	Pass
				50	3.85	29.955	0.0354	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	39.511	0.0478	-2.5 to 2.5	Pass
					3.85	49.338	0.0597	-2.5 to 2.5	Pass
					4.43	5.207	0.0063	-2.5 to 2.5	Pass
				-30	3.85	13.404	0.0162	-2.5 to 2.5	Pass
				-20	3.85	16.809	0.0203	-2.5 to 2.5	Pass
				-10	3.85	23.289	0.0282	-2.5 to 2.5	Pass
				0	3.85	27.566	0.0334	-2.5 to 2.5	Pass
				10	3.85	31.343	0.0379	-2.5 to 2.5	Pass
				30	3.85	36.707	0.0444	-2.5 to 2.5	Pass
				40	3.85	39.597	0.0479	-2.5 to 2.5	Pass
				50	3.85	45.962	0.0556	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	27.781	0.0332	-2.5 to 2.5	Pass
					3.85	32.101	0.0384	-2.5 to 2.5	Pass

					4.43	26.951	0.0322	-2.5 to 2.5	Pass
				-30	3.85	22.817	0.0273	-2.5 to 2.5	Pass
				-20	3.85	14.191	0.0170	-2.5 to 2.5	Pass
				-10	3.85	6.237	0.0075	-2.5 to 2.5	Pass
				0	3.85	0.658	0.0008	-2.5 to 2.5	Pass
				10	3.85	-7.596	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-11.344	-0.0136	-2.5 to 2.5	Pass
				40	3.85	-18.940	-0.0226	-2.5 to 2.5	Pass
				50	3.85	-22.130	-0.0265	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	33.960	0.0401	-2.5 to 2.5	Pass
					3.85	37.937	0.0448	-2.5 to 2.5	Pass
					4.43	36.922	0.0436	-2.5 to 2.5	Pass
				-30	3.85	30.928	0.0365	-2.5 to 2.5	Pass
				-20	3.85	26.608	0.0314	-2.5 to 2.5	Pass
				-10	3.85	18.826	0.0222	-2.5 to 2.5	Pass
				0	3.85	14.791	0.0175	-2.5 to 2.5	Pass
				10	3.85	6.852	0.0081	-2.5 to 2.5	Pass
				30	3.85	6.037	0.0071	-2.5 to 2.5	Pass
				40	3.85	7.339	0.0087	-2.5 to 2.5	Pass
				50	3.85	9.527	0.0113	-2.5 to 2.5	Pass

2.1.4 B5_10MHz

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	-12.646	-0.0153	-2.5 to 2.5	Pass
					3.85	-7.224	-0.0087	-2.5 to 2.5	Pass
					4.43	13.633	0.0164	-2.5 to 2.5	Pass
				-30	3.85	35.906	0.0433	-2.5 to 2.5	Pass
				-20	3.85	5.779	0.0070	-2.5 to 2.5	Pass
				-10	3.85	23.704	0.0286	-2.5 to 2.5	Pass
				0	3.85	41.285	0.0498	-2.5 to 2.5	Pass
				10	3.85	7.811	0.0094	-2.5 to 2.5	Pass
				30	3.85	21.887	0.0264	-2.5 to 2.5	Pass
				40	3.85	35.234	0.0425	-2.5 to 2.5	Pass
				50	3.85	34.375	0.0415	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-9.441	-0.0113	-2.5 to 2.5	Pass
					3.85	-15.049	-0.0180	-2.5 to 2.5	Pass
					4.43	-9.813	-0.0117	-2.5 to 2.5	Pass
				-30	3.85	-3.433	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	1.931	0.0023	-2.5 to 2.5	Pass
				-10	3.85	8.926	0.0107	-2.5 to 2.5	Pass
				0	3.85	13.232	0.0158	-2.5 to 2.5	Pass
				10	3.85	17.066	0.0204	-2.5 to 2.5	Pass
				30	3.85	21.844	0.0261	-2.5 to 2.5	Pass
				40	3.85	24.691	0.0295	-2.5 to 2.5	Pass
				50	3.85	27.924	0.0334	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-7.739	-0.0092	-2.5 to 2.5	Pass
					3.85	-9.699	-0.0115	-2.5 to 2.5	Pass
					4.43	-2.789	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	5.407	0.0064	-2.5 to 2.5	Pass
				-20	3.85	13.118	0.0155	-2.5 to 2.5	Pass
				-10	3.85	19.255	0.0228	-2.5 to 2.5	Pass
				0	3.85	24.676	0.0292	-2.5 to 2.5	Pass
				10	3.85	30.341	0.0359	-2.5 to 2.5	Pass
				30	3.85	35.591	0.0422	-2.5 to 2.5	Pass

16QAM	829	50	0	40	3.85	12.989	0.0154	-2.5 to 2.5	Pass
				50	3.85	17.323	0.0205	-2.5 to 2.5	Pass
				20	3.27	16.680	0.0201	-2.5 to 2.5	Pass
					3.85	24.304	0.0293	-2.5 to 2.5	Pass
					4.43	32.573	0.0393	-2.5 to 2.5	Pass
				-30	3.85	36.278	0.0438	-2.5 to 2.5	Pass
				-20	3.85	43.087	0.0520	-2.5 to 2.5	Pass
				-10	3.85	46.077	0.0556	-2.5 to 2.5	Pass
				0	3.85	-0.486	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-6.609	-0.0080	-2.5 to 2.5	Pass
	836.5	50	0	30	3.85	-20.413	-0.0246	-2.5 to 2.5	Pass
				40	3.85	-29.140	-0.0352	-2.5 to 2.5	Pass
				50	3.85	-36.821	-0.0444	-2.5 to 2.5	Pass
				20	3.27	33.059	0.0395	-2.5 to 2.5	Pass
					3.85	29.039	0.0347	-2.5 to 2.5	Pass
					4.43	16.694	0.0200	-2.5 to 2.5	Pass
				-30	3.85	2.718	0.0032	-2.5 to 2.5	Pass
				-20	3.85	-9.484	-0.0113	-2.5 to 2.5	Pass
				-10	3.85	-20.614	-0.0246	-2.5 to 2.5	Pass
				0	3.85	-29.612	-0.0354	-2.5 to 2.5	Pass
	844	50	0	10	3.85	-38.023	-0.0455	-2.5 to 2.5	Pass
				30	3.85	-29.054	-0.0347	-2.5 to 2.5	Pass
				40	3.85	-6.394	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-9.799	-0.0117	-2.5 to 2.5	Pass
				20	3.27	28.410	0.0337	-2.5 to 2.5	Pass
					3.85	35.591	0.0422	-2.5 to 2.5	Pass
					4.43	39.968	0.0474	-2.5 to 2.5	Pass
				-30	3.85	45.319	0.0537	-2.5 to 2.5	Pass
				-20	3.85	0.372	0.0004	-2.5 to 2.5	Pass
				-10	3.85	4.663	0.0055	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTVN						
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 B5_3MHz

Band: 5 / 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

3.1.3 B5_5MHz

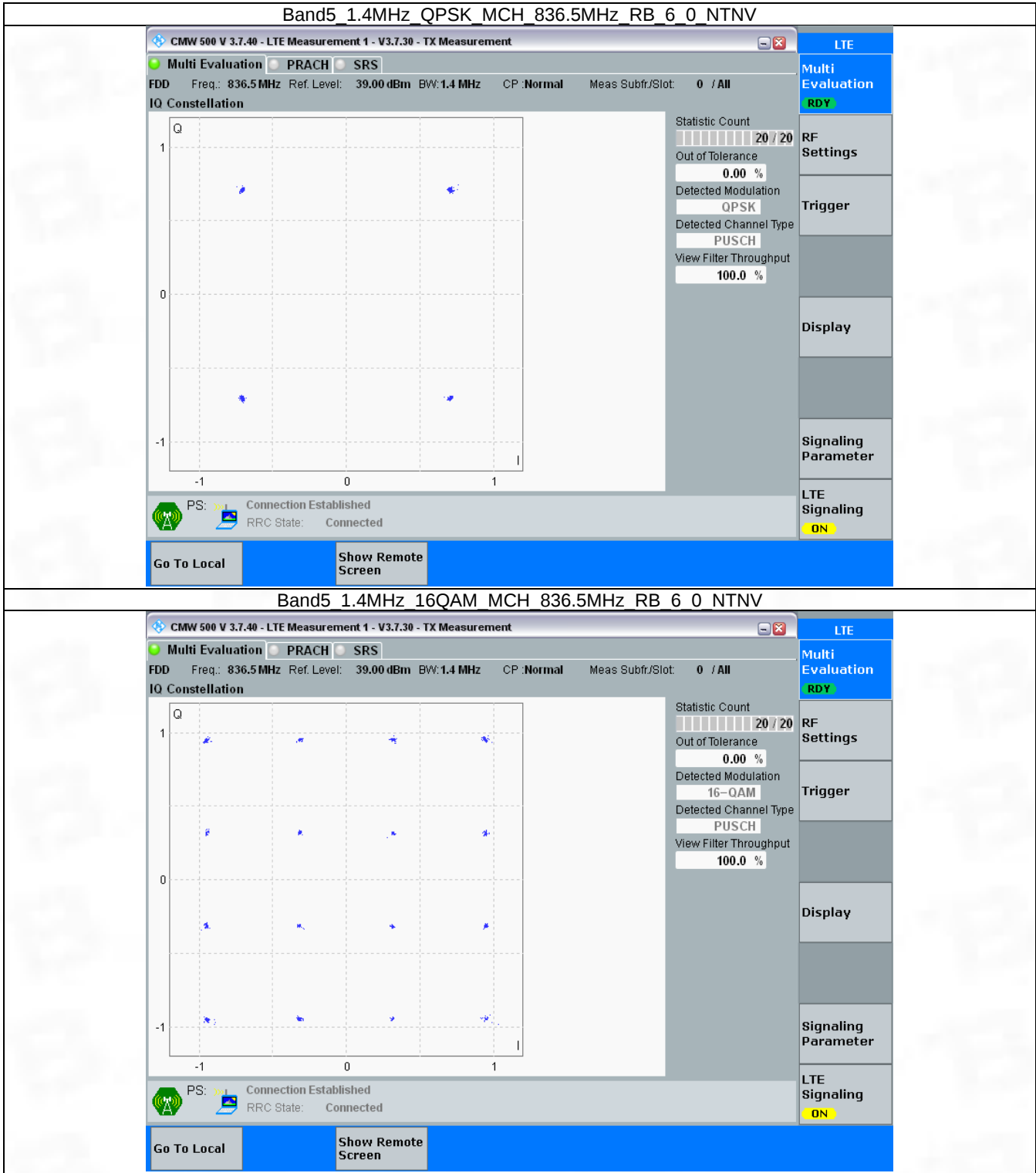
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

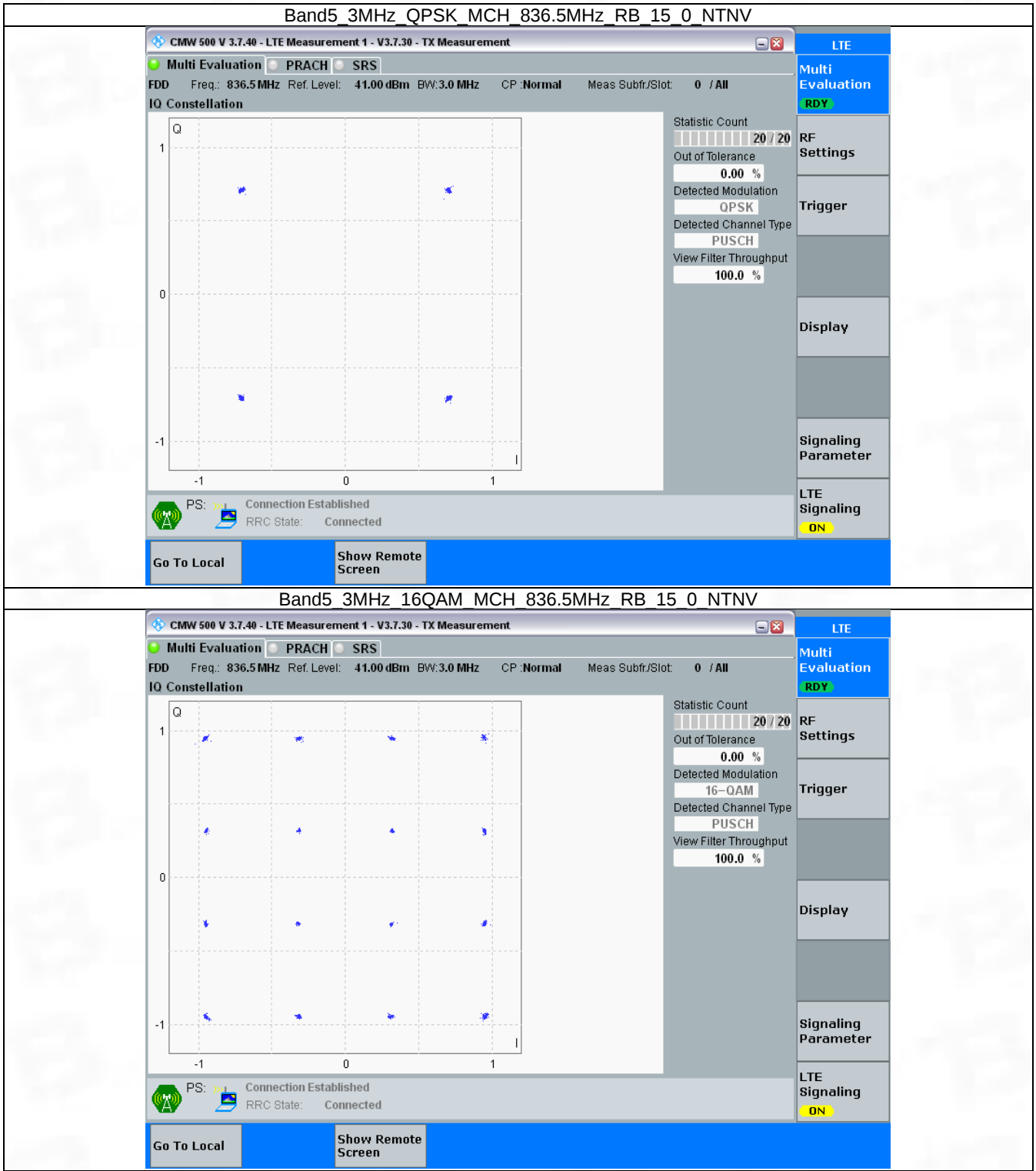
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

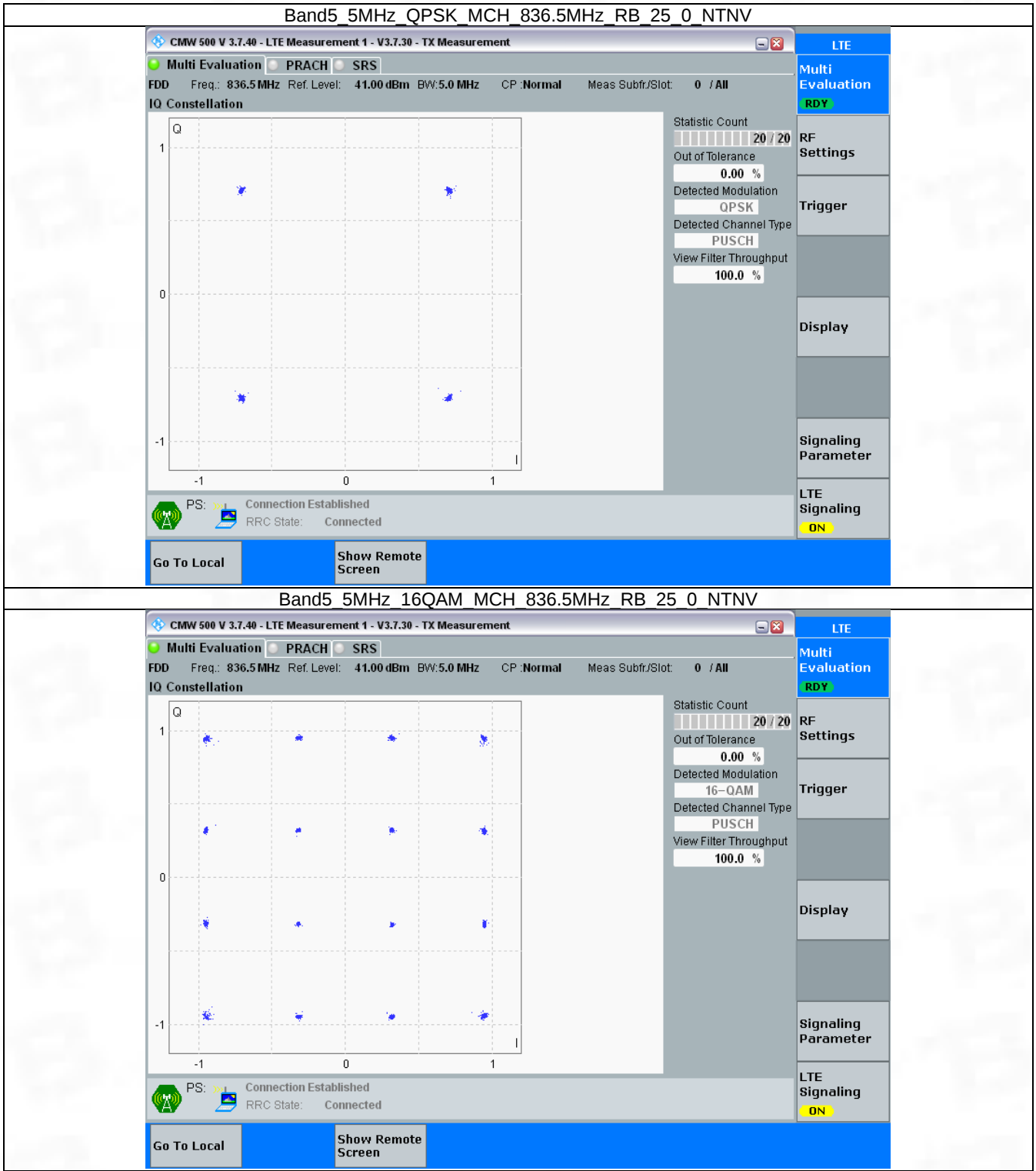
3.2.1 B5_1.4MHz



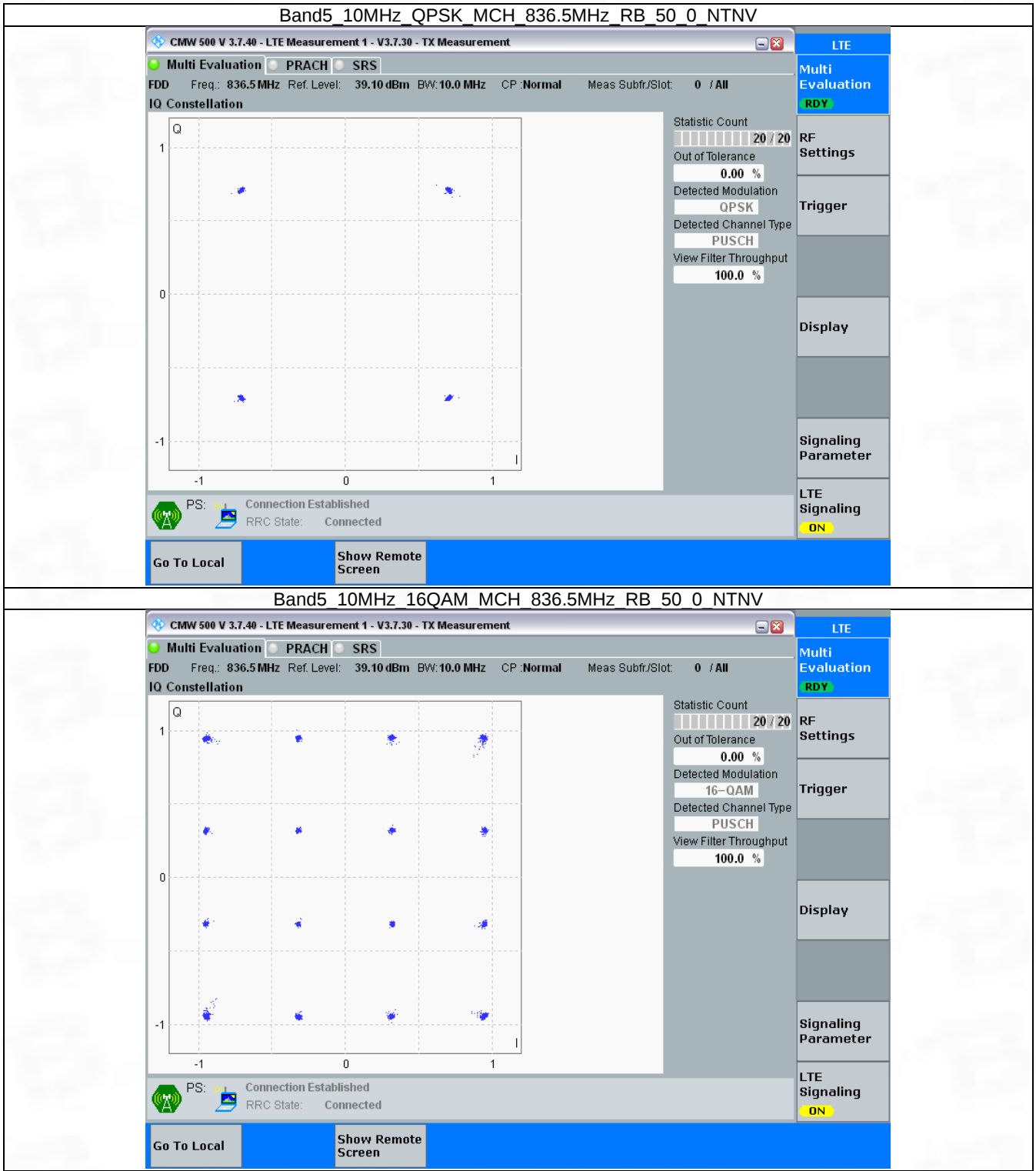
3.2.2 B5_3MHz



3.2.3 B5_5MHz



3.2.4 B5_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band5_OBW

Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.114	/	Pass
		836.5	6	0	1.106	/	Pass
		848.3	6	0	1.115	/	Pass
	16QAM	824.7	6	0	1.117	/	Pass
		836.5	6	0	1.106	/	Pass
		848.3	6	0	1.112	/	Pass
3	QPSK	825.5	15	0	2.757	/	Pass
		836.5	15	0	2.751	/	Pass
		847.5	15	0	2.764	/	Pass
	16QAM	825.5	15	0	2.757	/	Pass
		836.5	15	0	2.754	/	Pass
		847.5	15	0	2.751	/	Pass
5	QPSK	826.5	25	0	4.547	/	Pass
		836.5	25	0	4.552	/	Pass
		846.5	25	0	4.576	/	Pass
	16QAM	826.5	25	0	4.561	/	Pass
		836.5	25	0	4.566	/	Pass
		846.5	25	0	4.548	/	Pass
10	QPSK	829	50	0	9.074	/	Pass
		836.5	50	0	9.045	/	Pass
		844	50	0	9.047	/	Pass
	16QAM	829	50	0	9.064	/	Pass
		836.5	50	0	9.065	/	Pass
		844	50	0	9.044	/	Pass

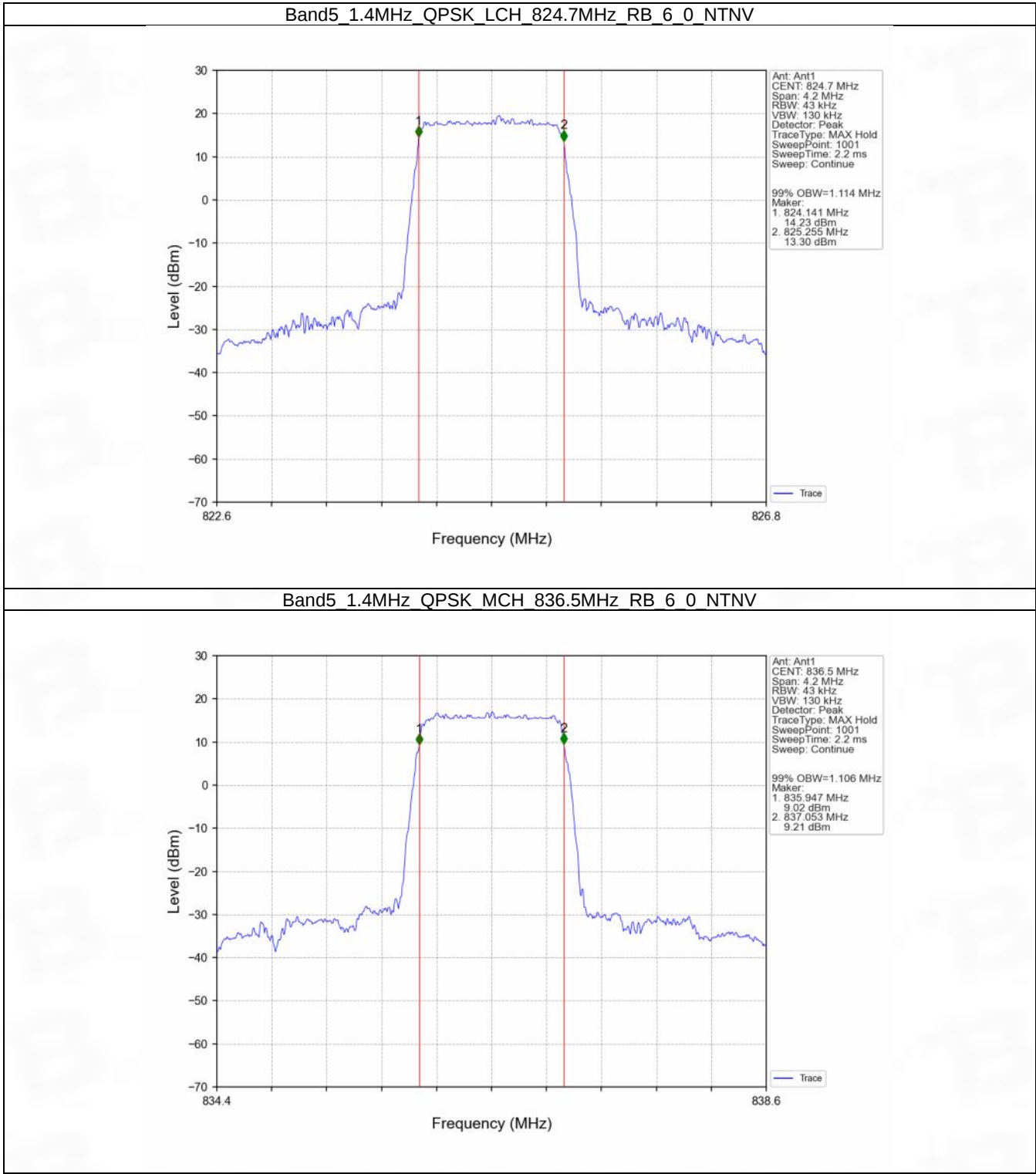
4.1.2 Band5_XDB

Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.271	/	Pass
		836.5	6	0	1.265	/	Pass
		848.3	6	0	1.267	/	Pass
	16QAM	824.7	6	0	1.272	/	Pass
		836.5	6	0	1.266	/	Pass
		848.3	6	0	1.265	/	Pass
3	QPSK	825.5	15	0	3.088	/	Pass
		836.5	15	0	3.107	/	Pass
		847.5	15	0	3.092	/	Pass
	16QAM	825.5	15	0	3.112	/	Pass
		836.5	15	0	3.110	/	Pass
		847.5	15	0	3.092	/	Pass
5	QPSK	826.5	25	0	5.016	/	Pass
		836.5	25	0	5.072	/	Pass
		846.5	25	0	5.049	/	Pass

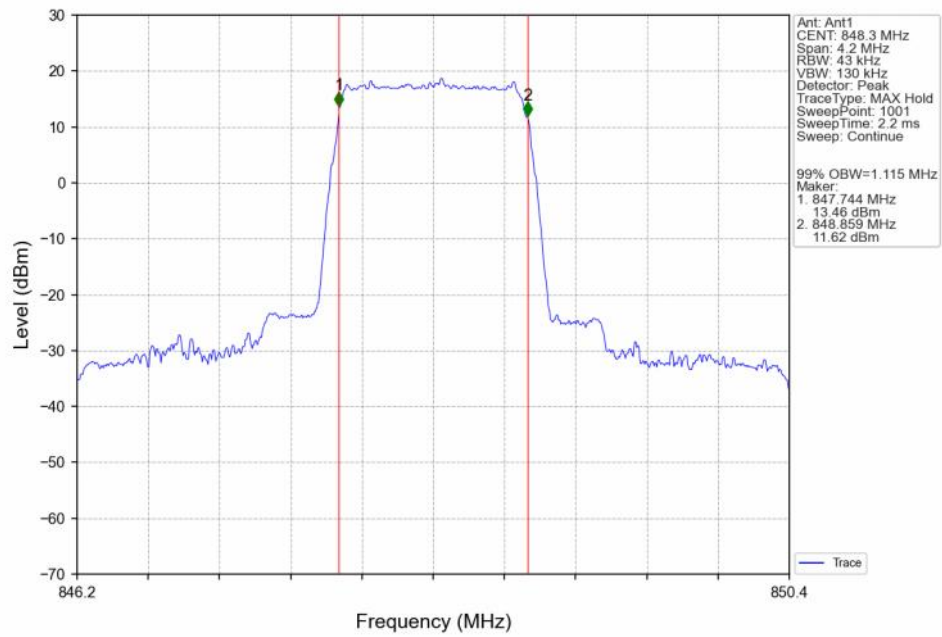
	16QAM	826.5	25	0	5.050	/	Pass
		836.5	25	0	5.063	/	Pass
		846.5	25	0	5.074	/	Pass
10	QPSK	829	50	0	10.052	/	Pass
		836.5	50	0	10.063	/	Pass
		844	50	0	10.065	/	Pass
	16QAM	829	50	0	10.080	/	Pass
		836.5	50	0	10.098	/	Pass
		844	50	0	10.036	/	Pass

4.2 Test Graph

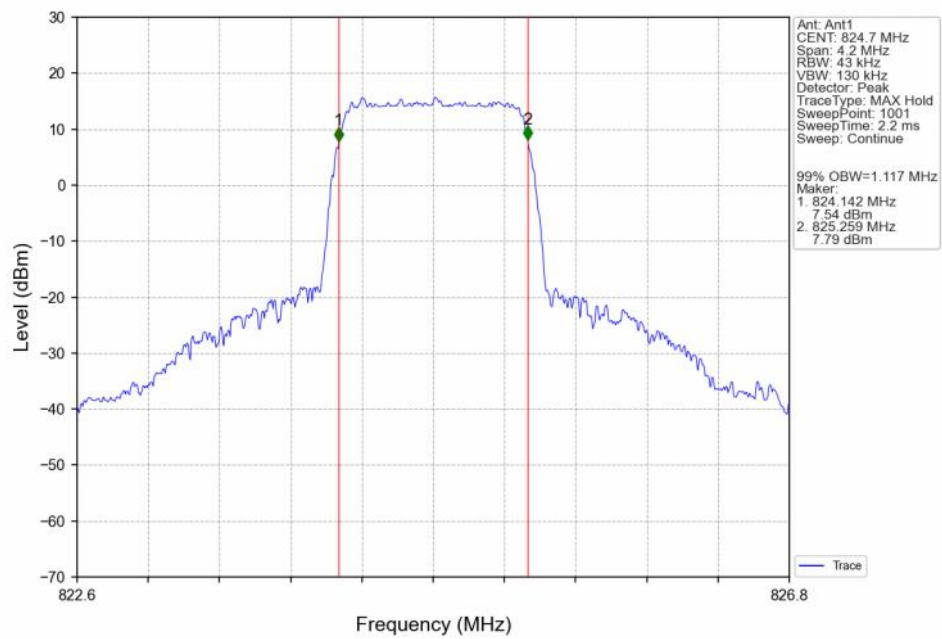
4.2.1 Band5_OBW



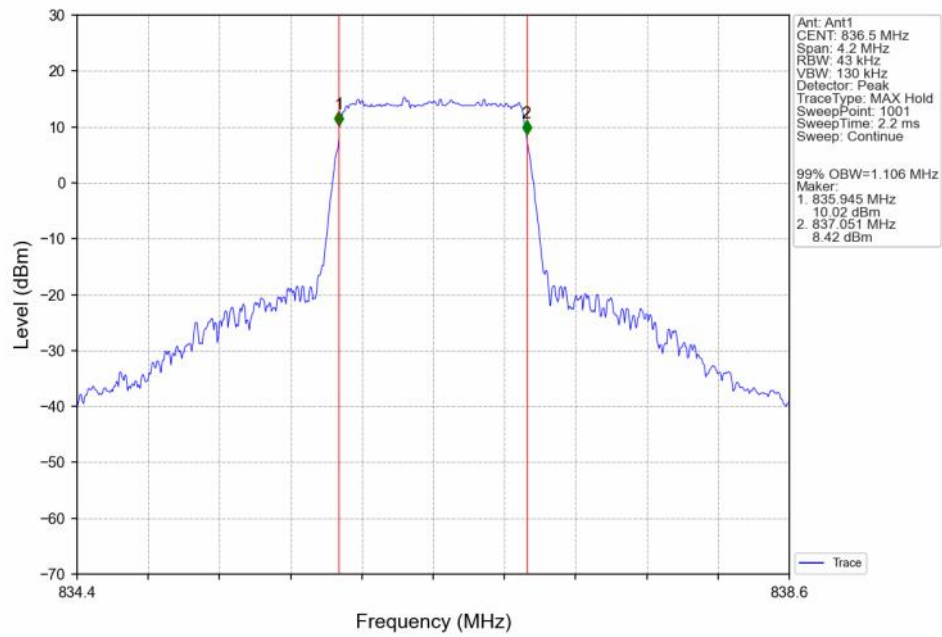
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



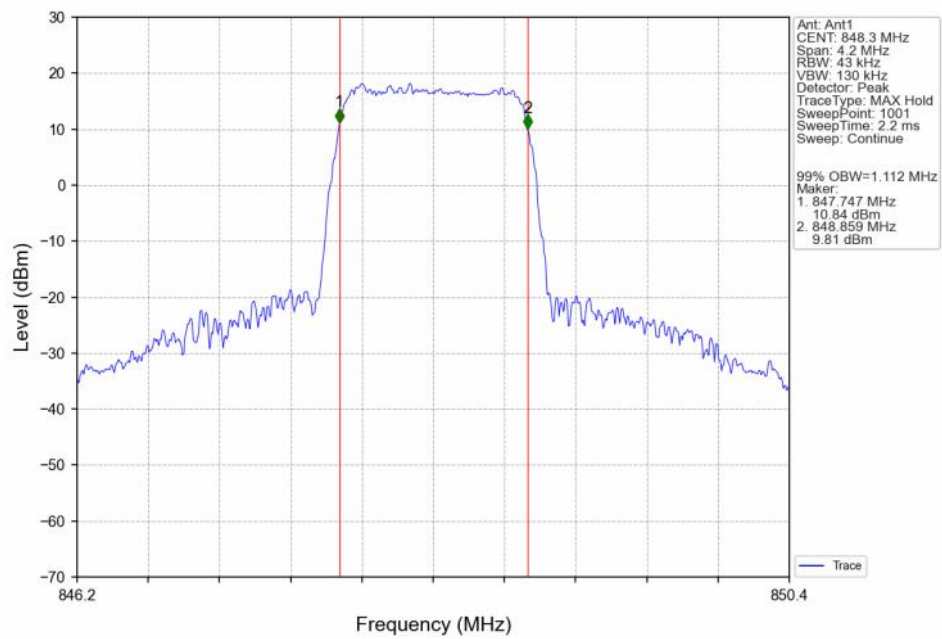
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



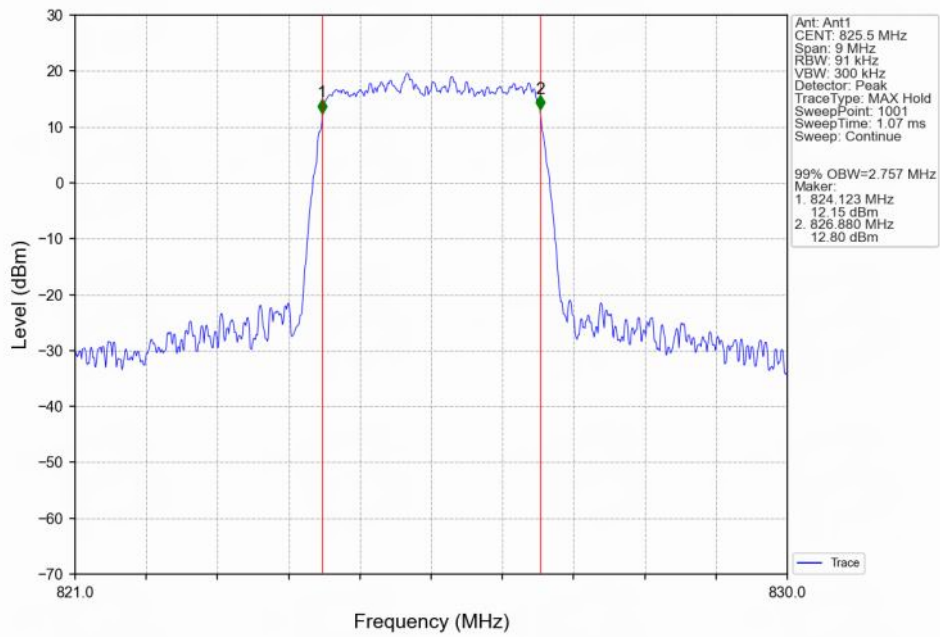
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



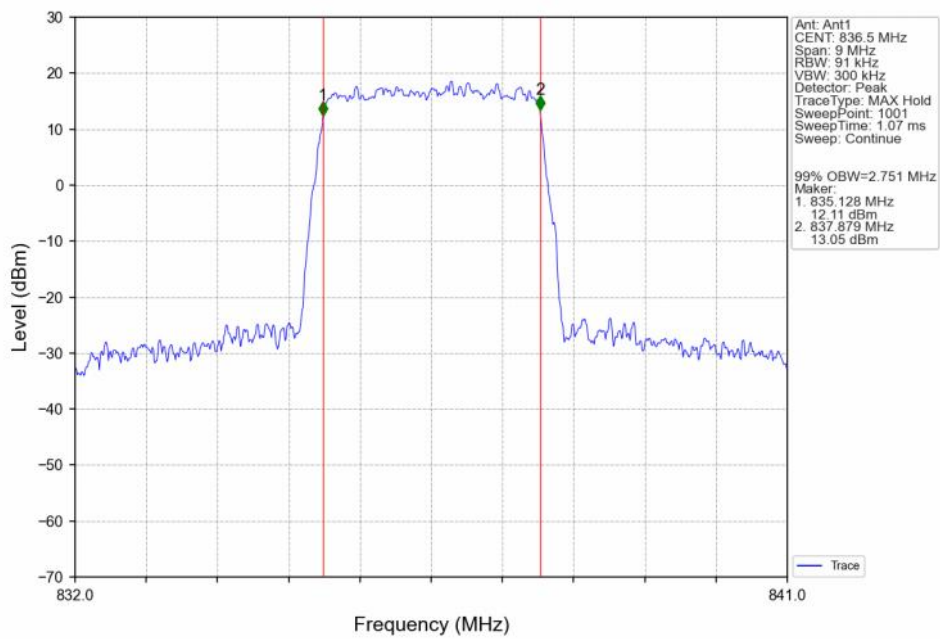
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



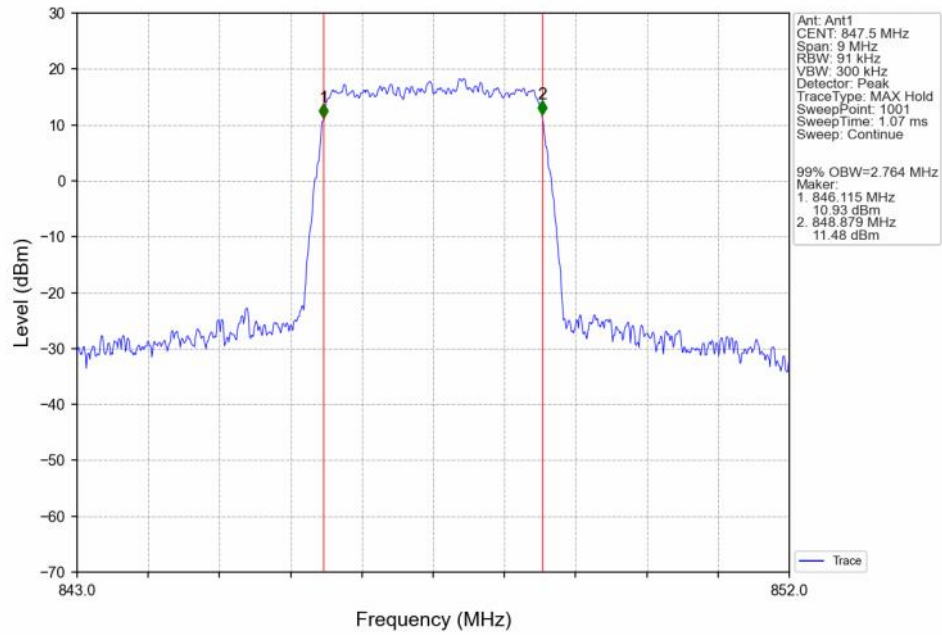
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



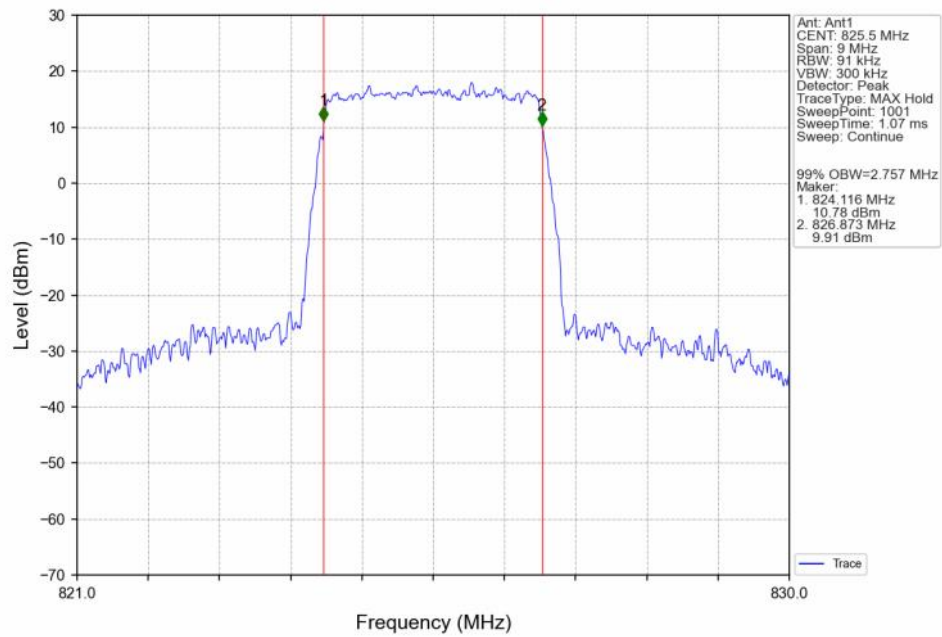
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



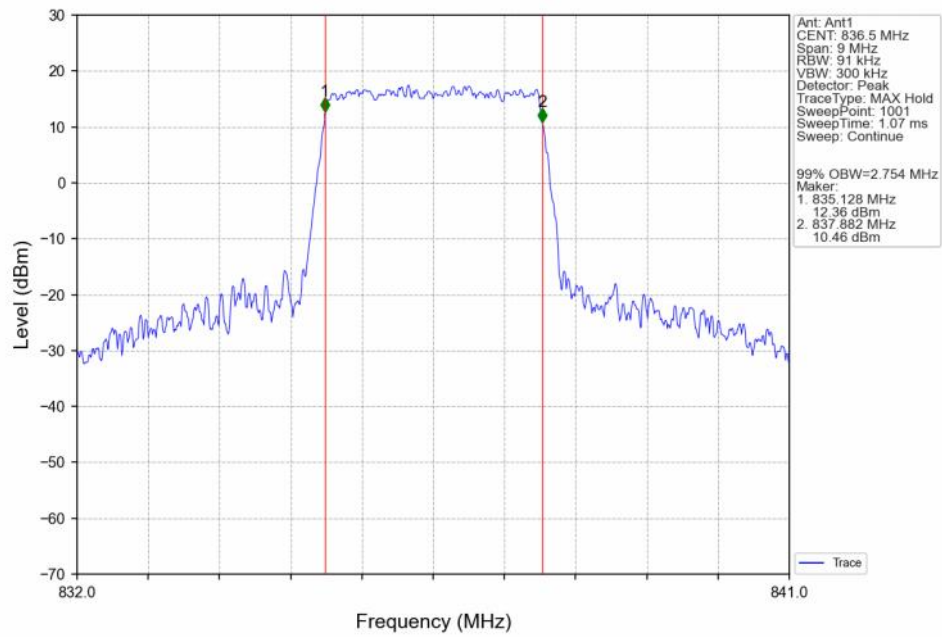
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



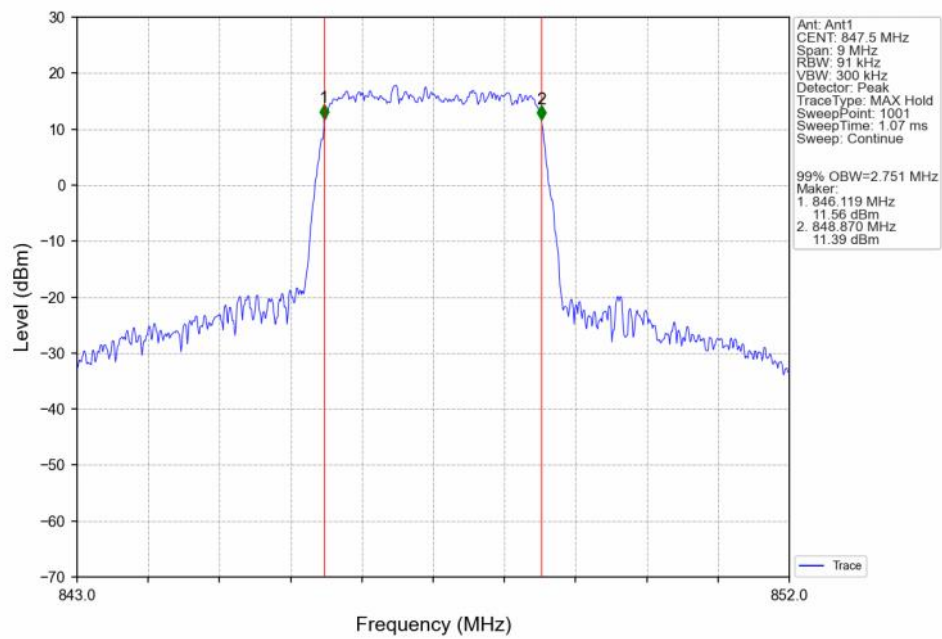
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



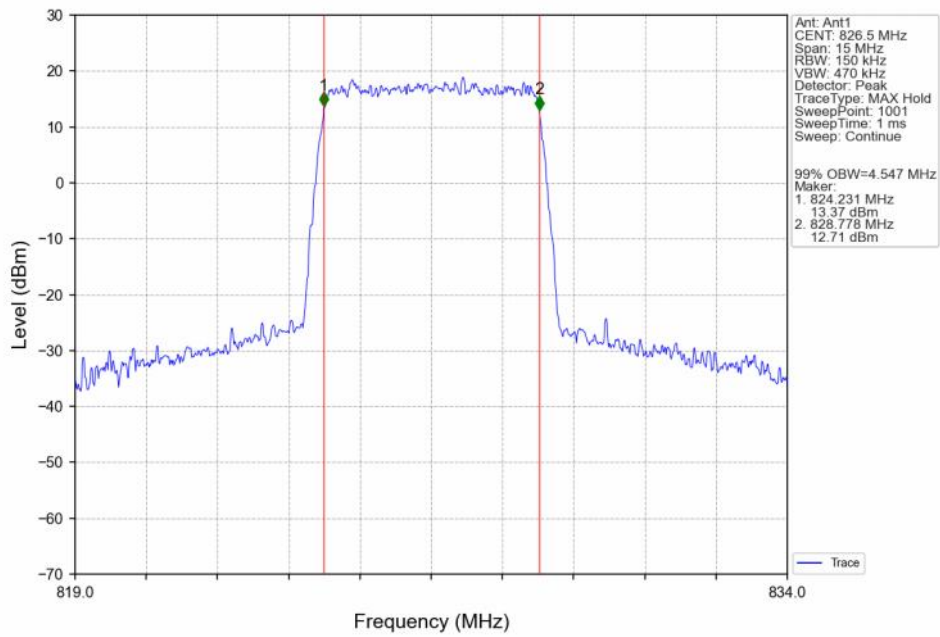
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



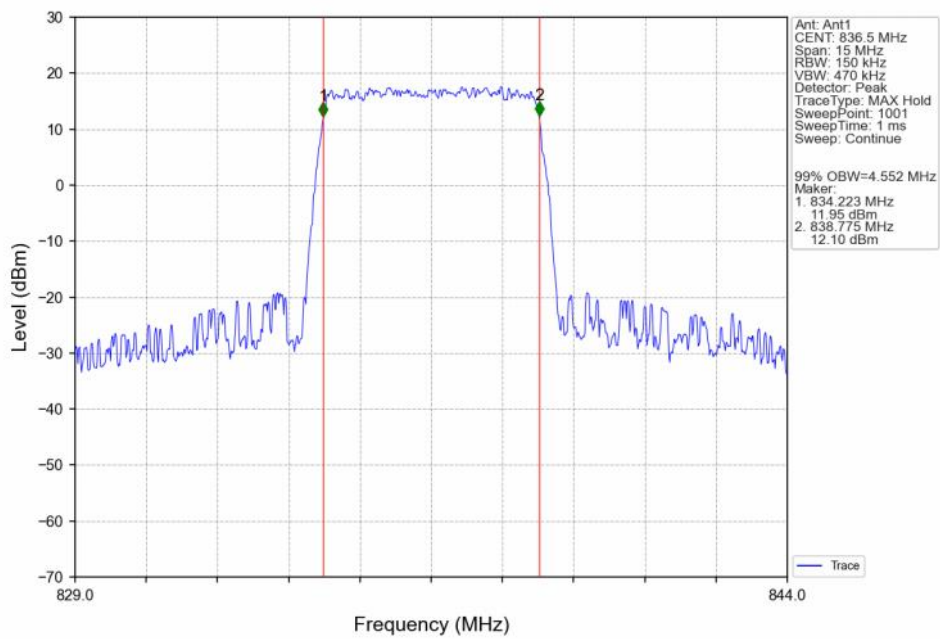
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



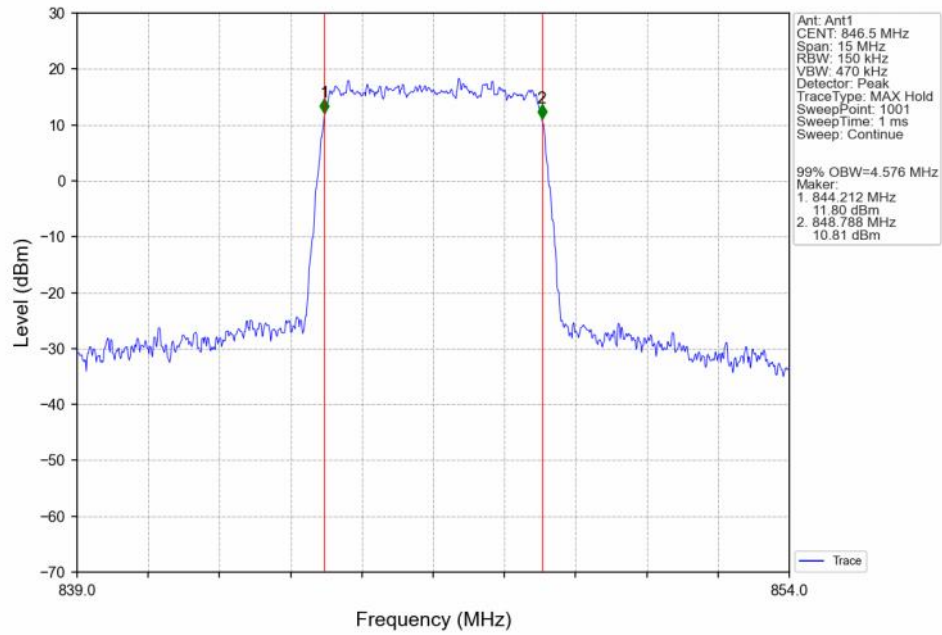
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



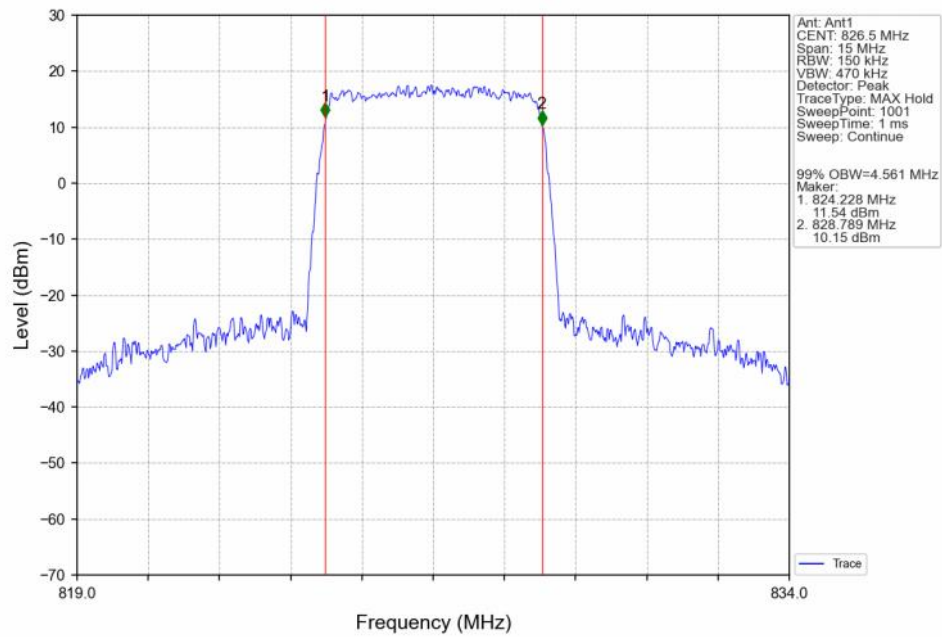
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



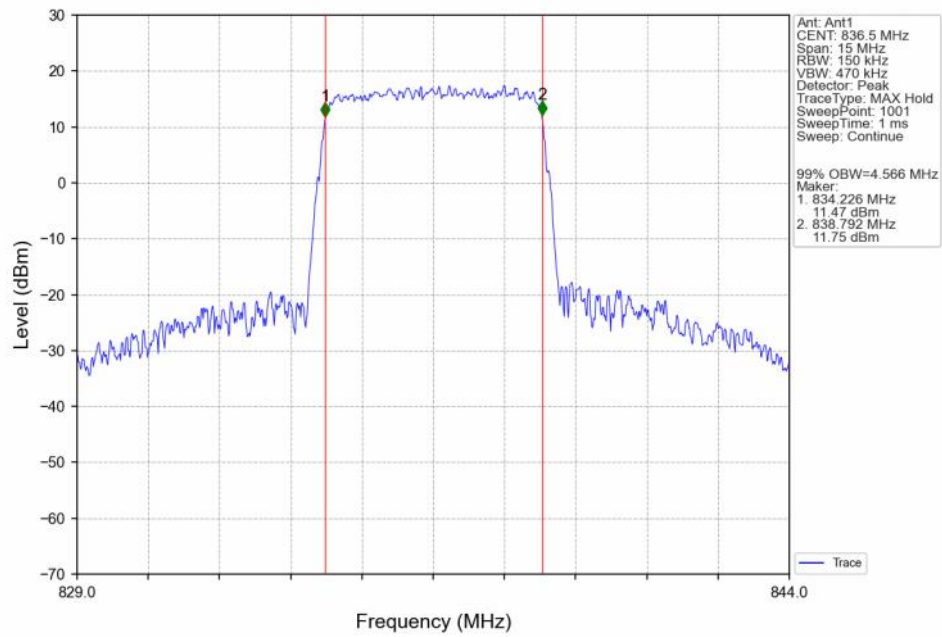
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



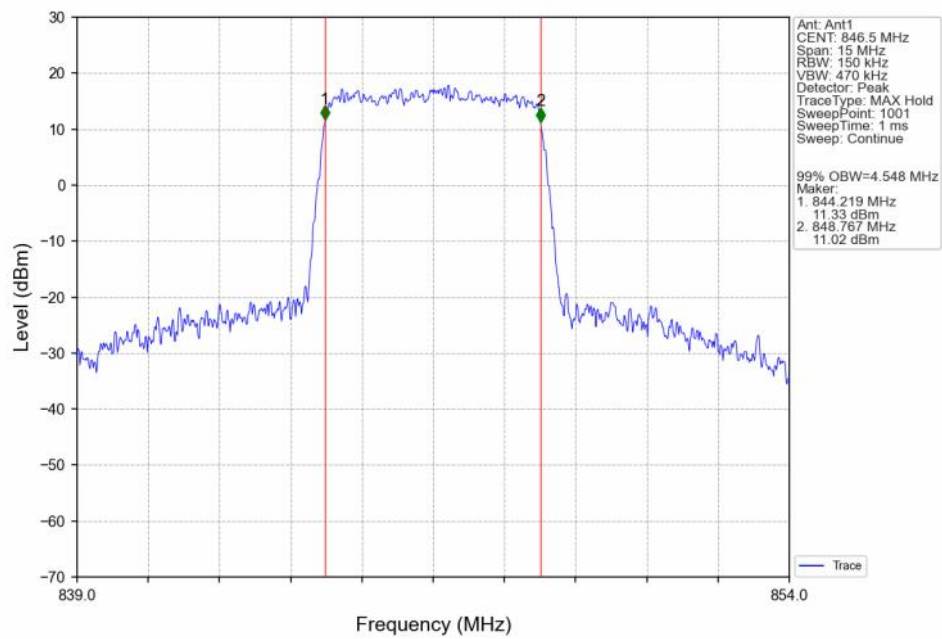
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



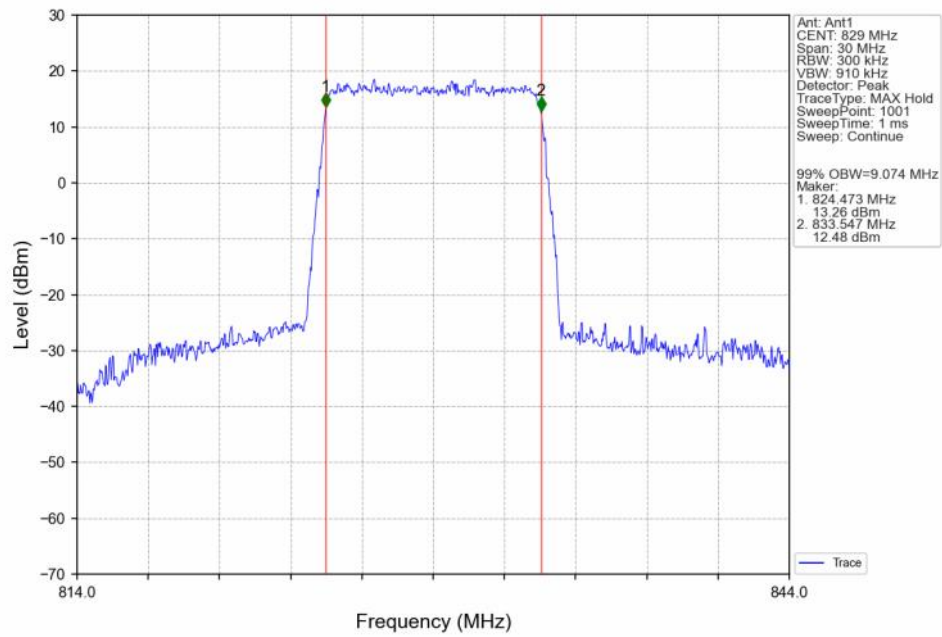
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



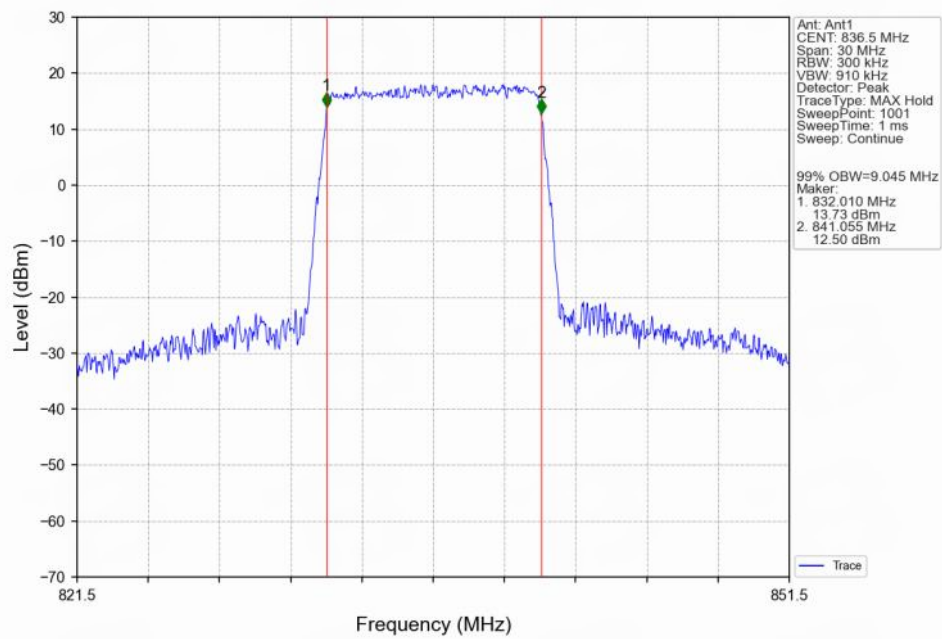
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



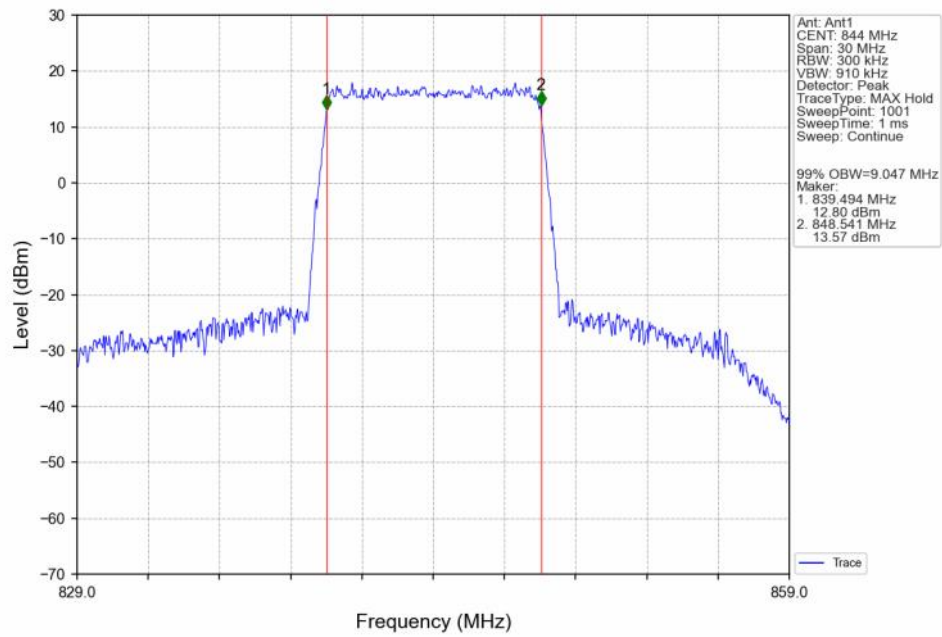
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



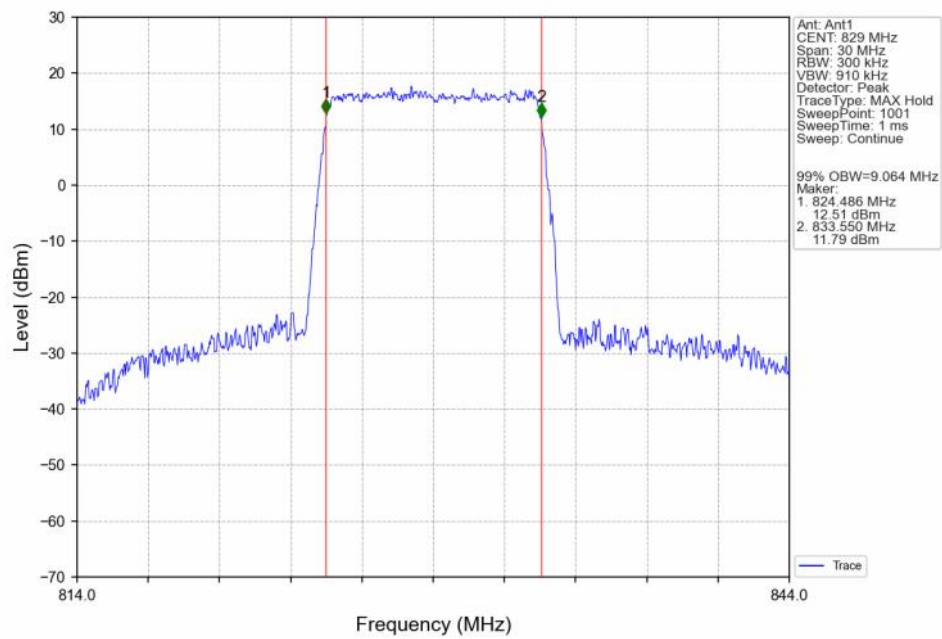
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



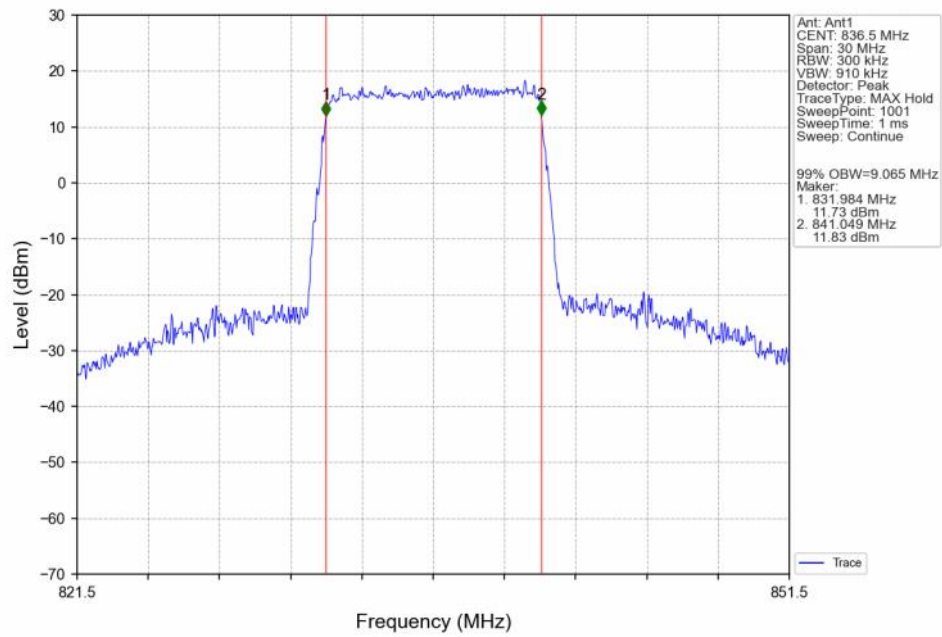
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



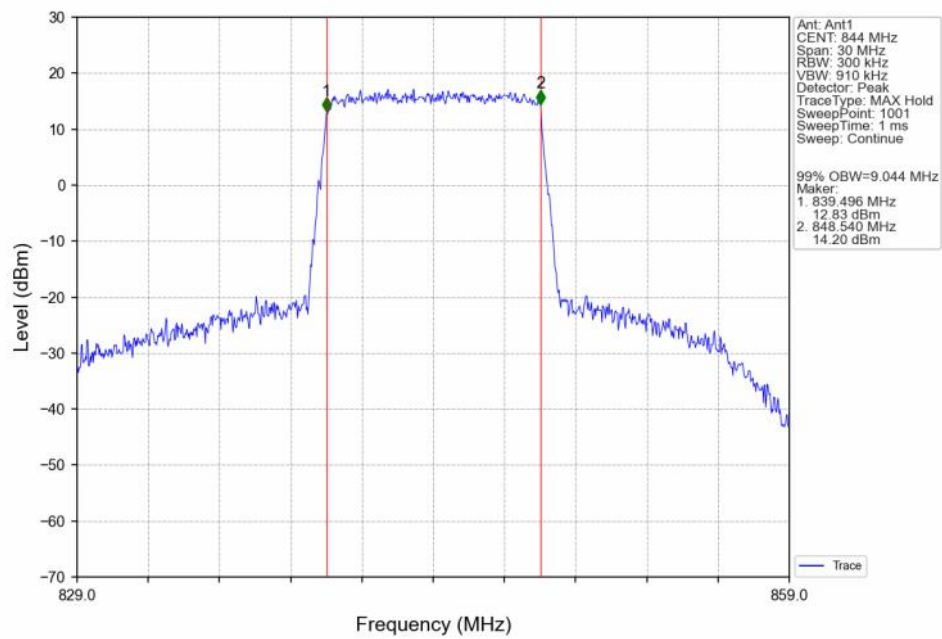
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



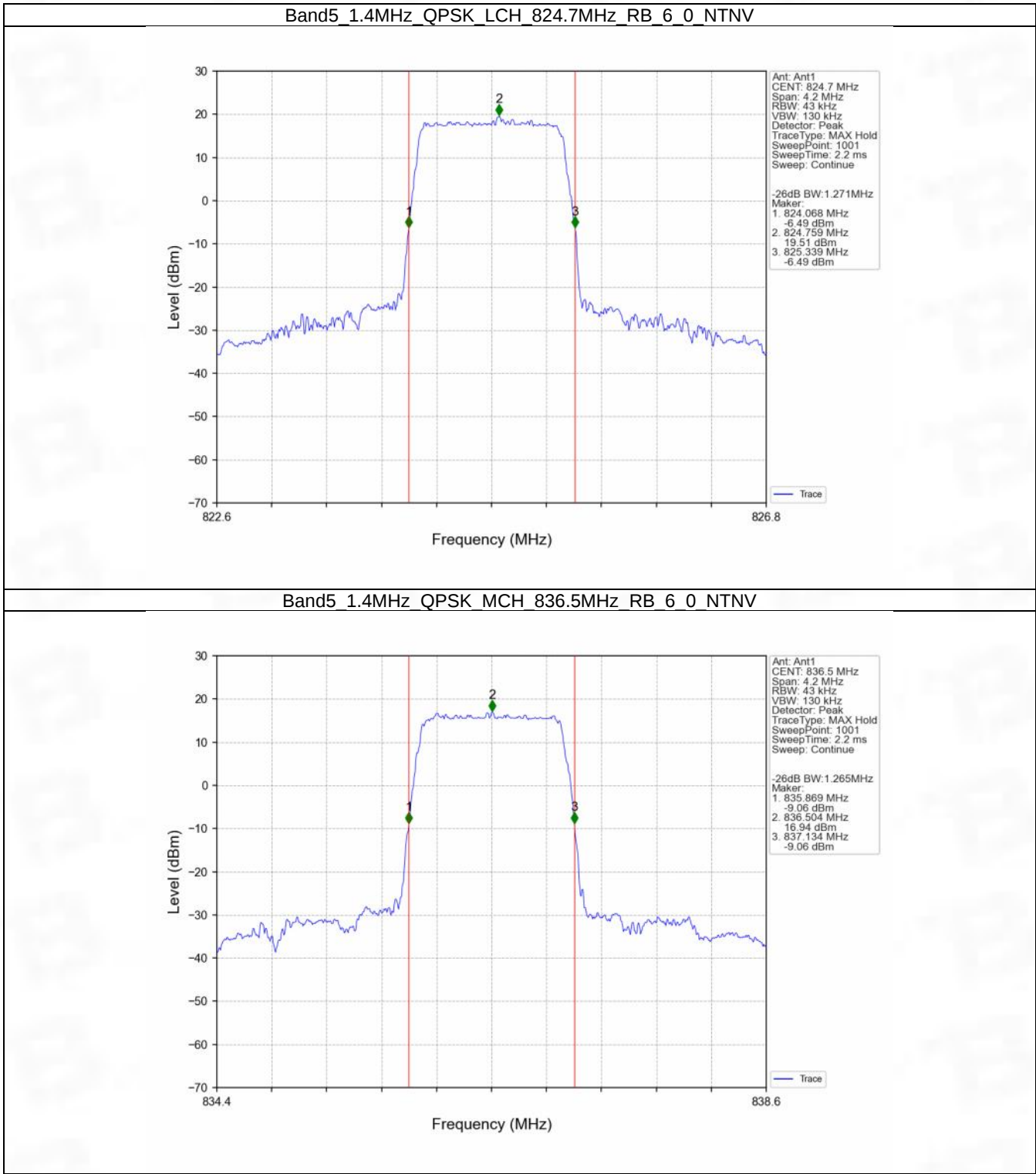
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



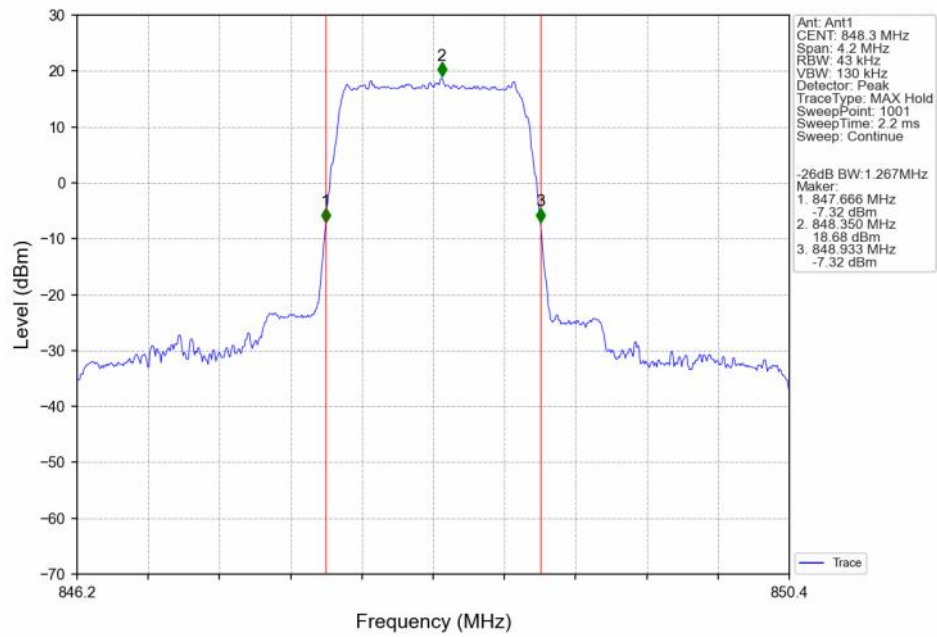
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



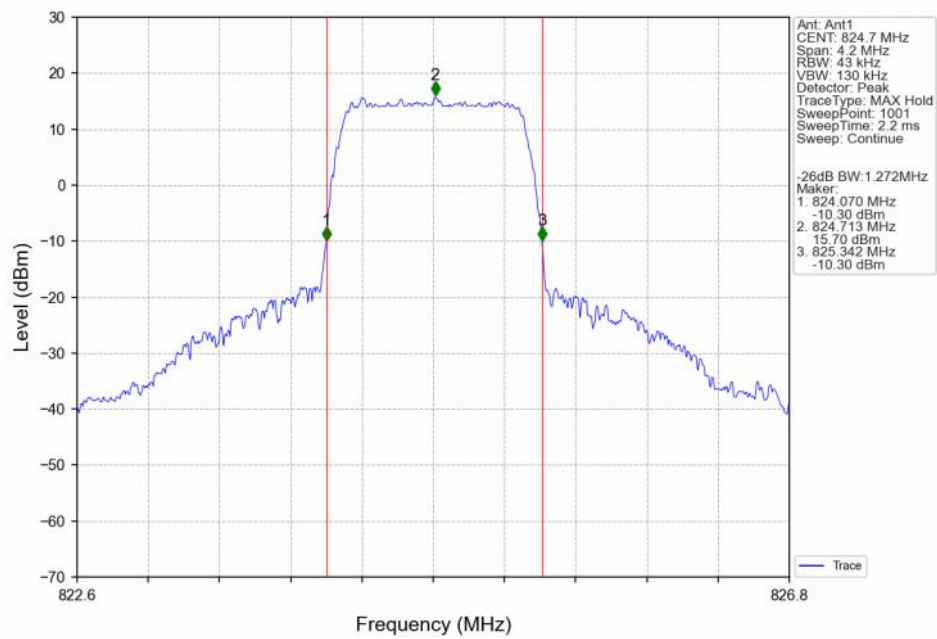
4.2.2 Band5_XDB



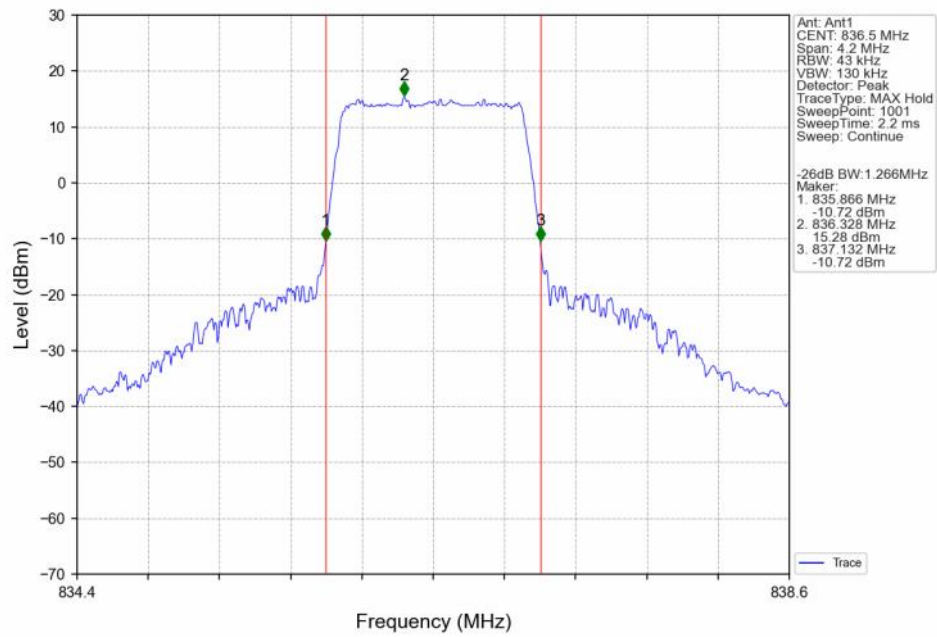
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



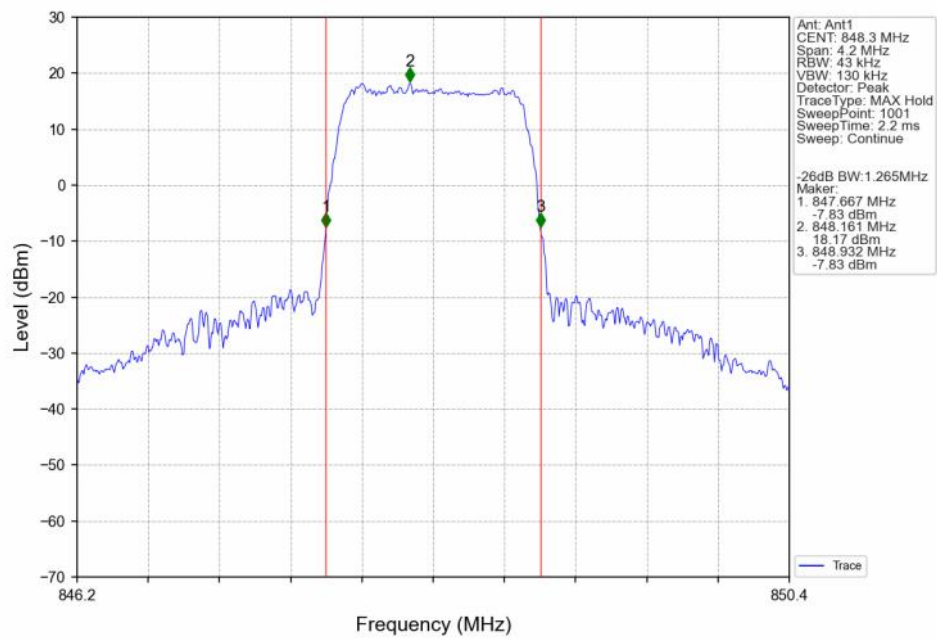
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTN



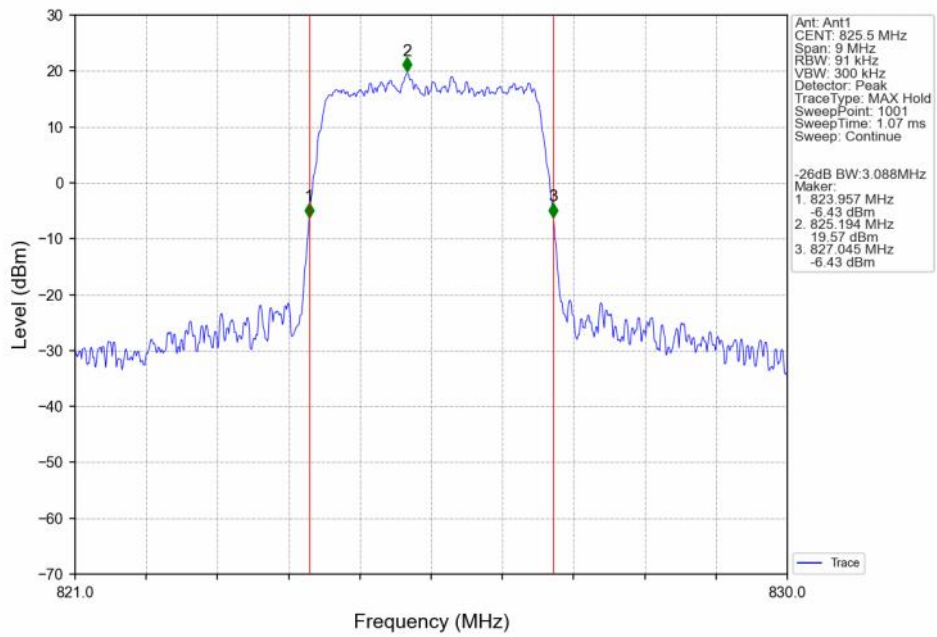
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



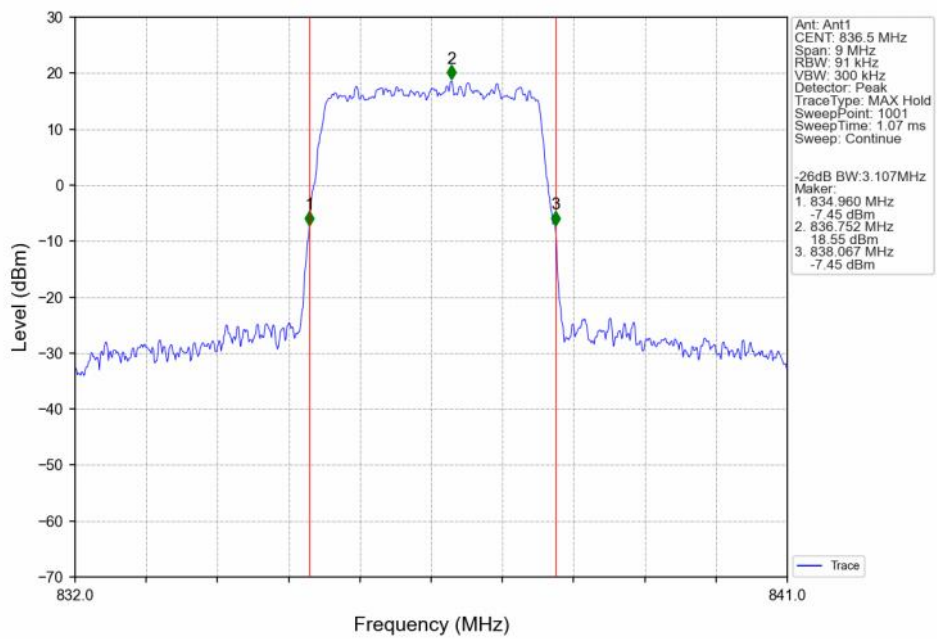
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



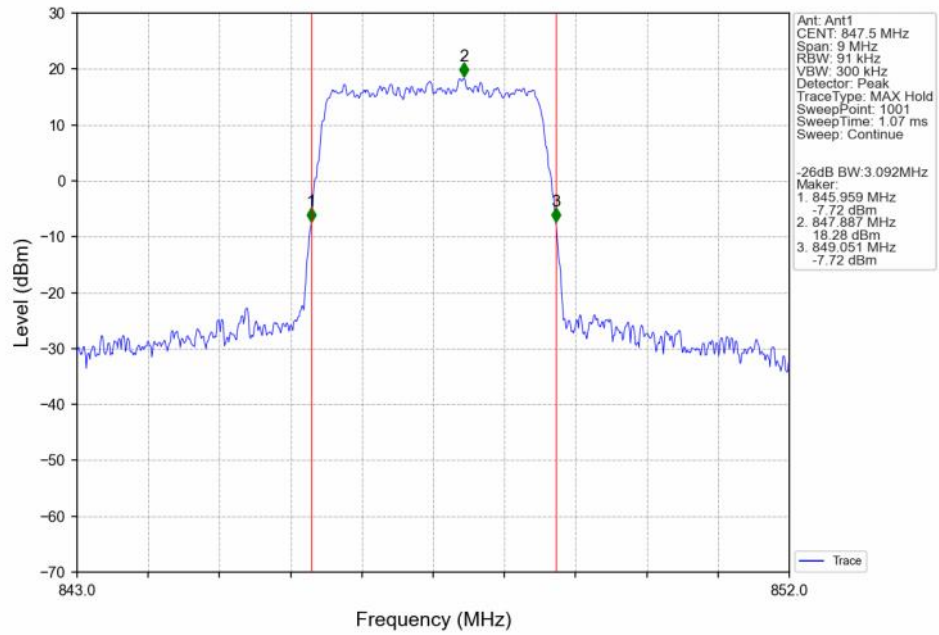
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



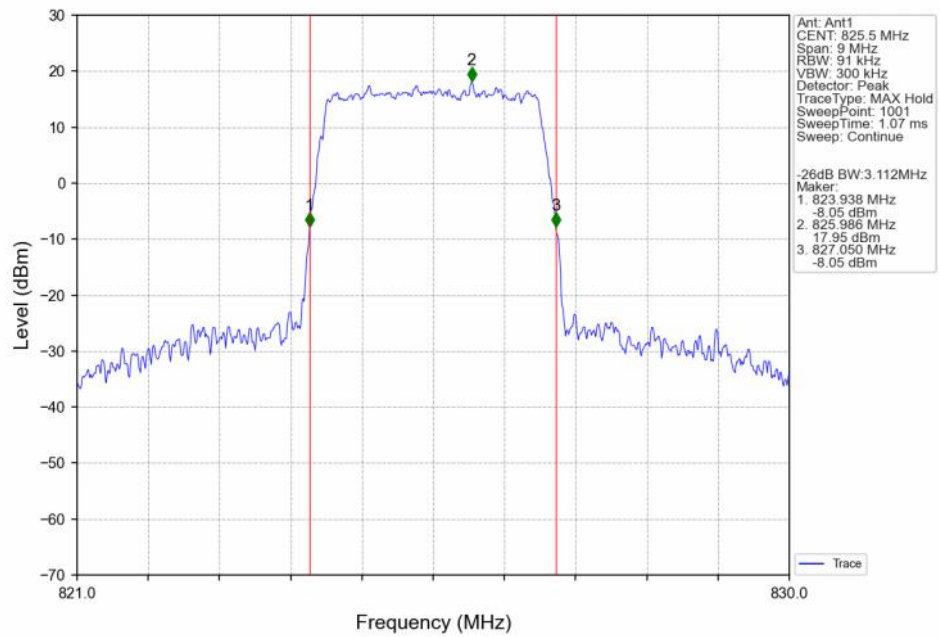
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



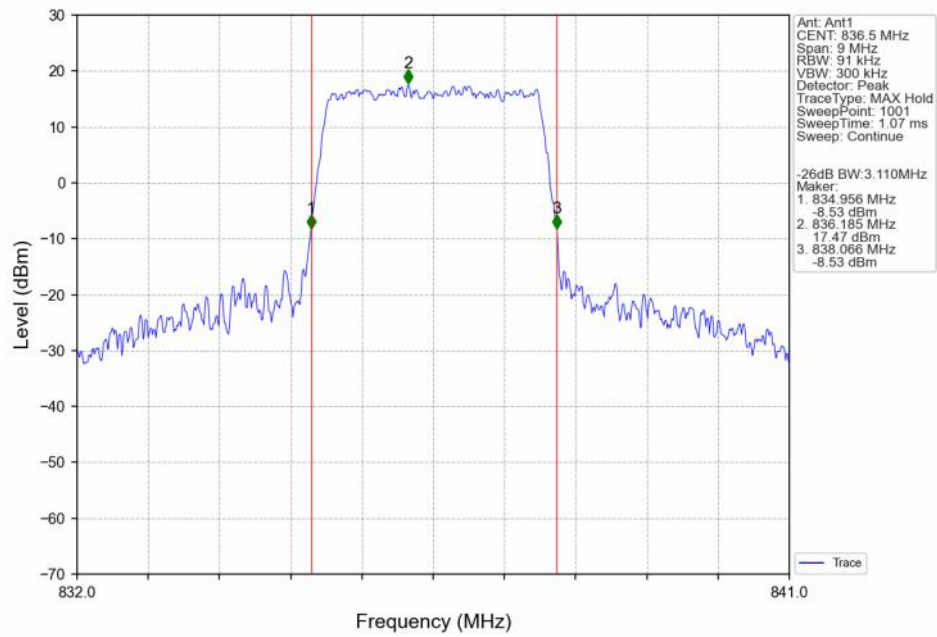
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



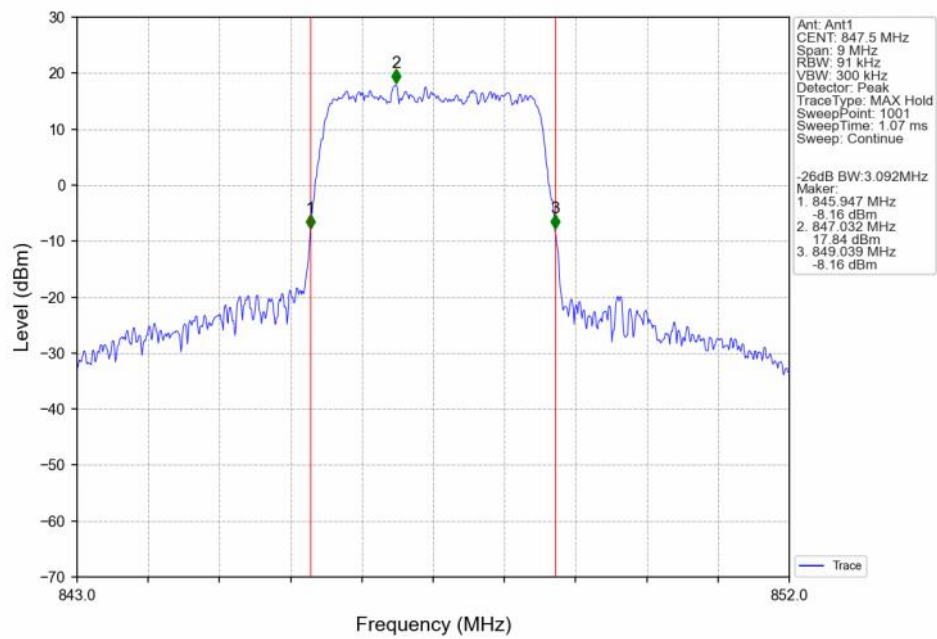
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



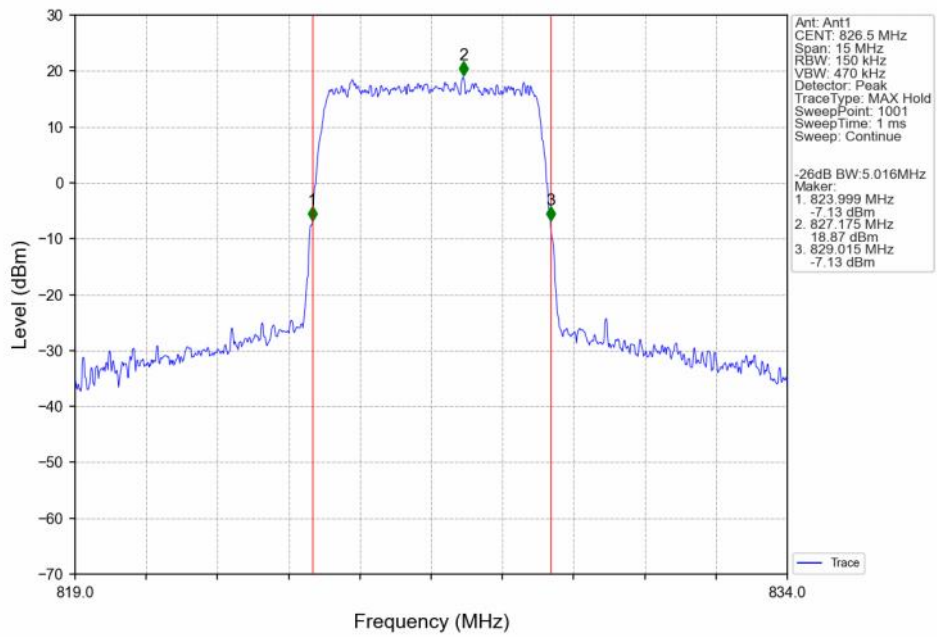
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



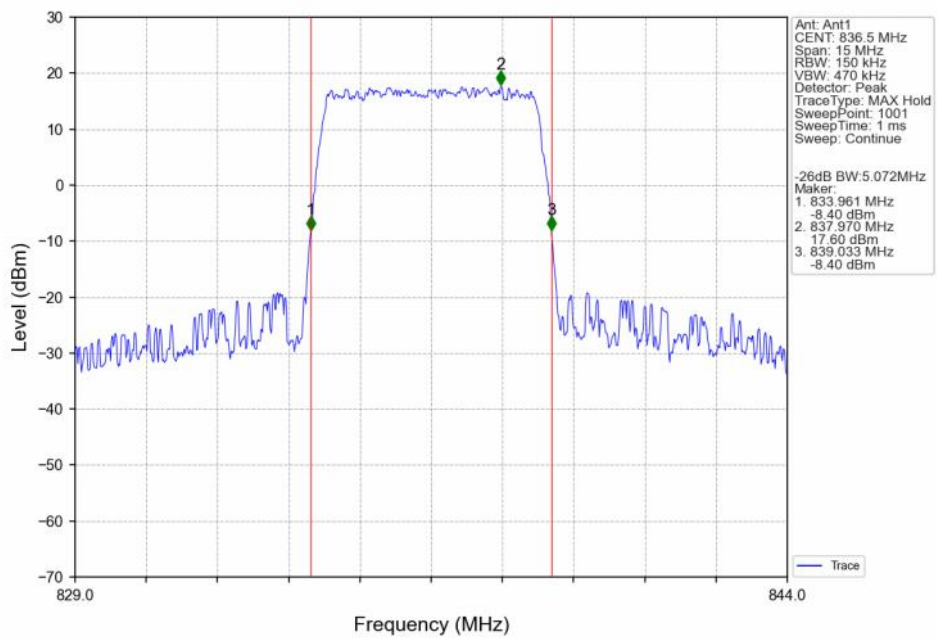
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



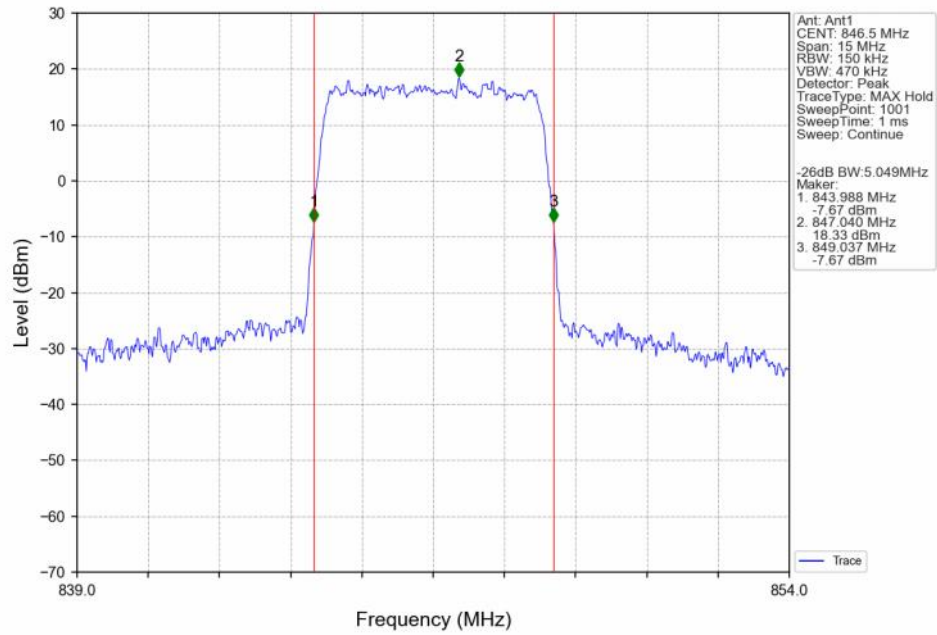
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



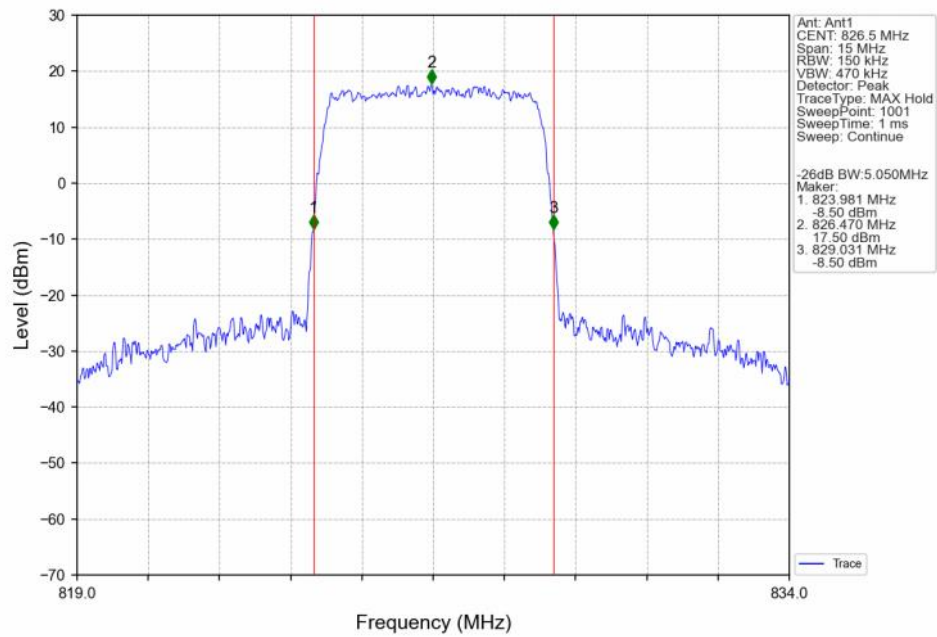
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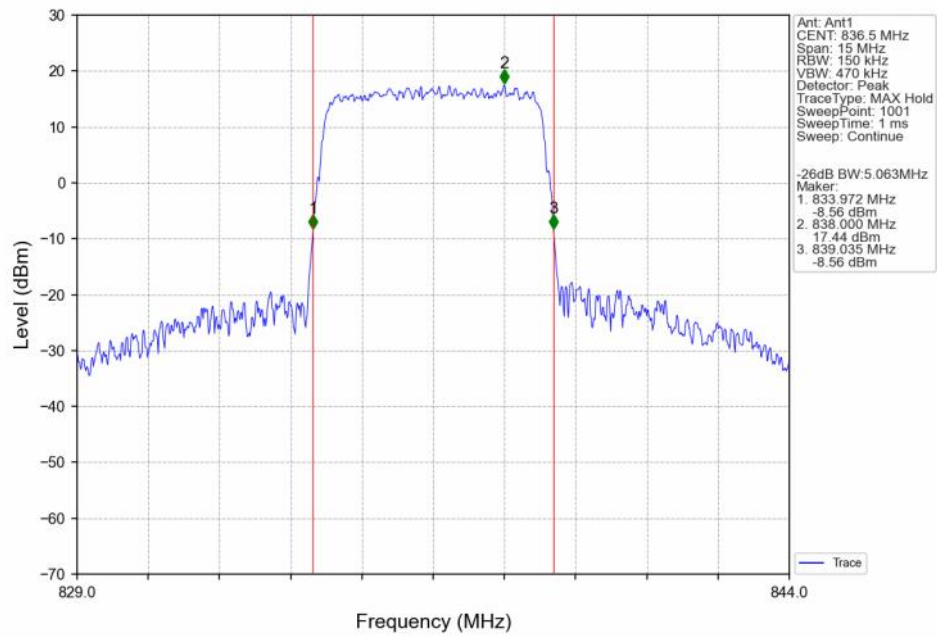
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



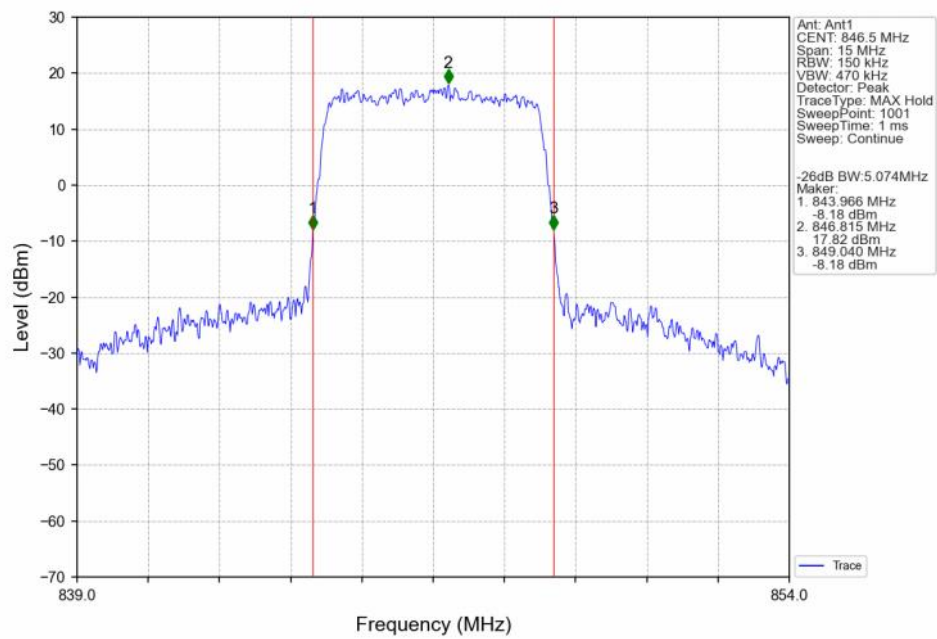
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



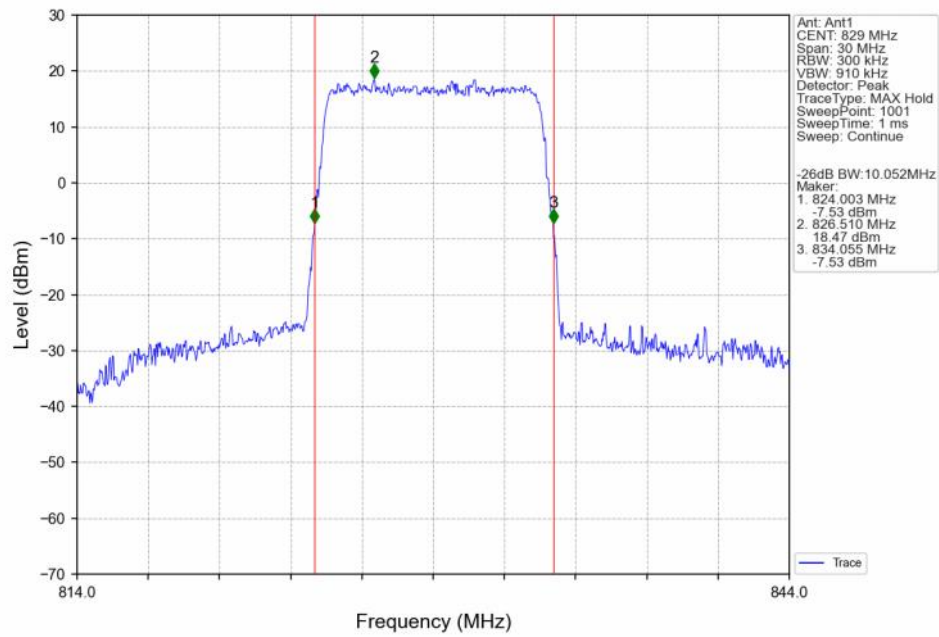
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



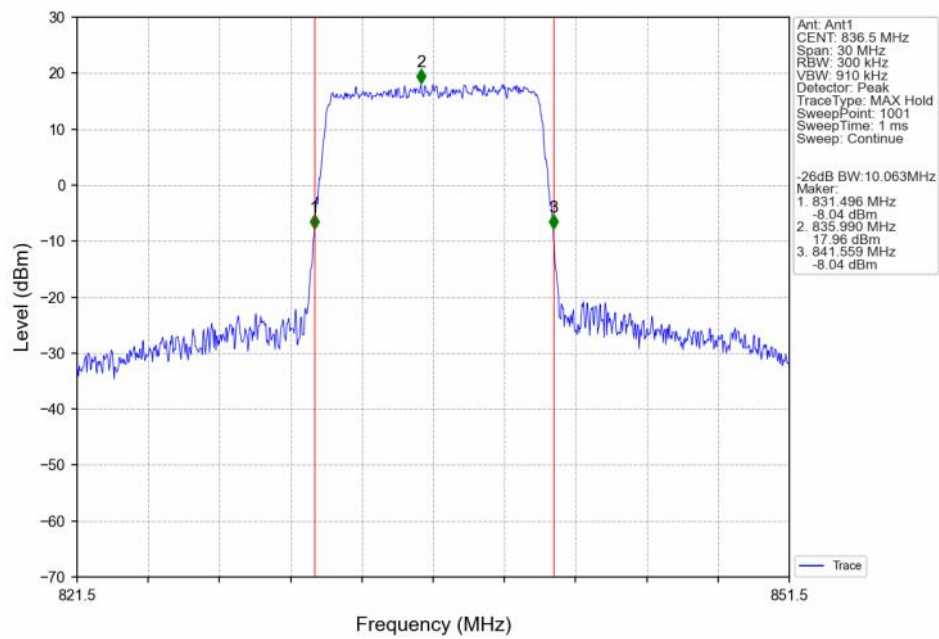
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



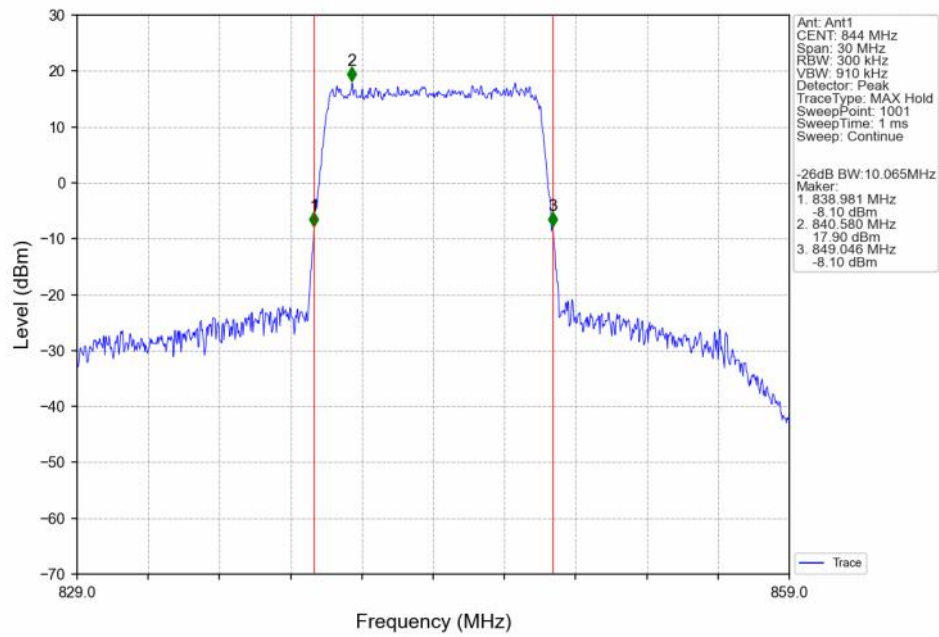
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



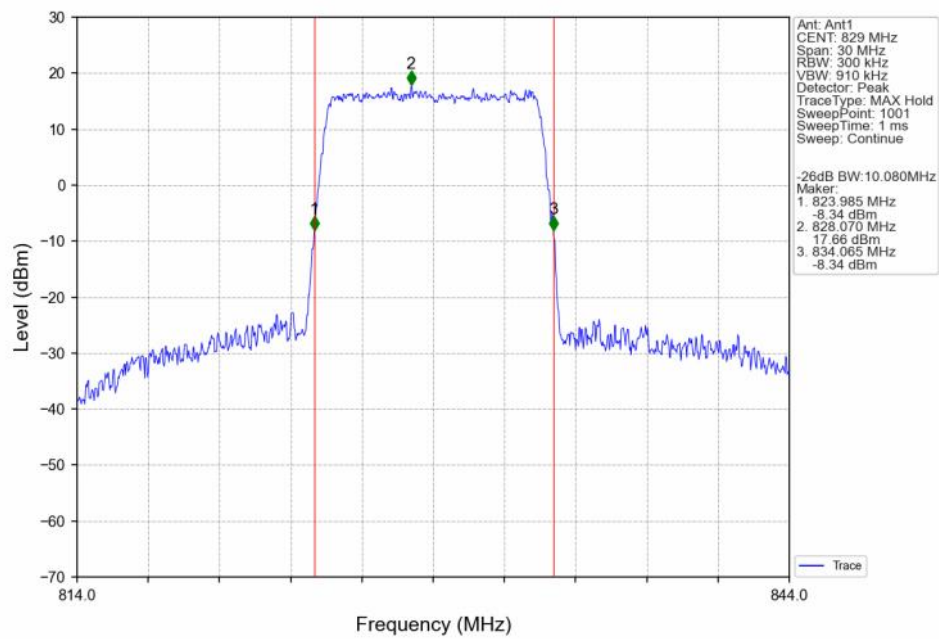
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



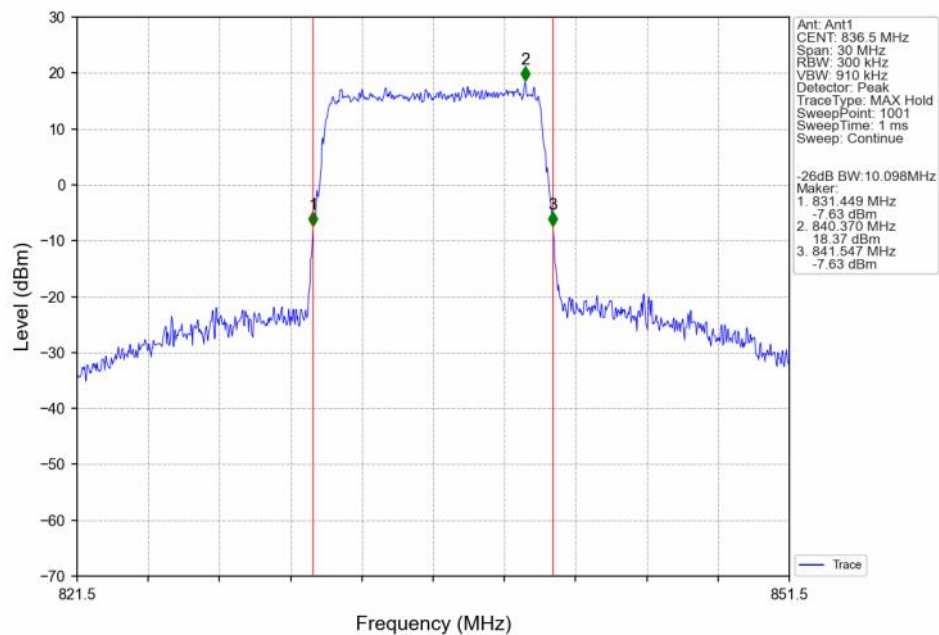
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



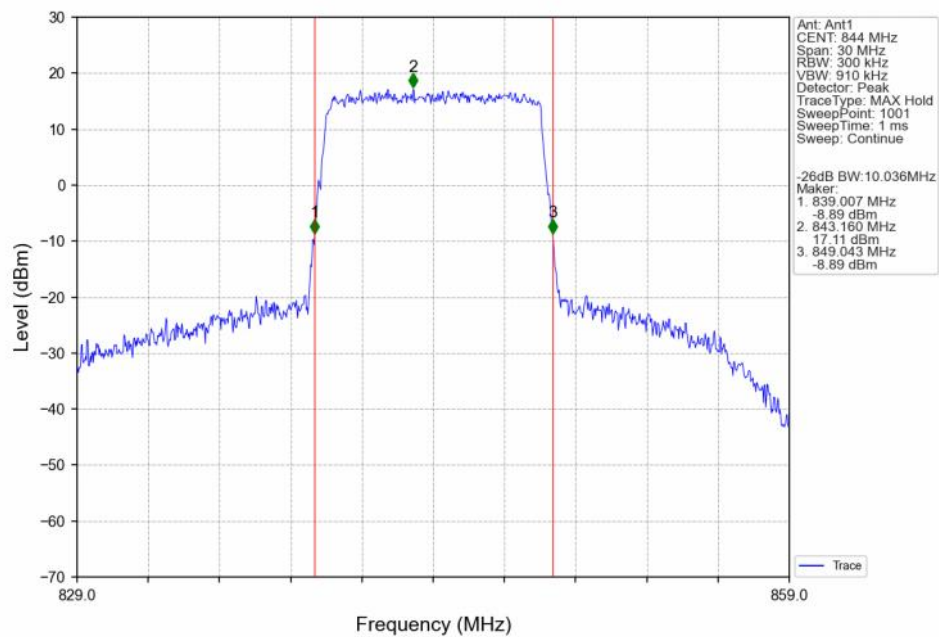
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	5.79	<=13	Pass
	836.5	6	0	5.70	<=13	Pass
	848.3	6	0	5.84	<=13	Pass
16QAM	824.7	6	0	5.67	<=13	Pass
	836.5	6	0	5.70	<=13	Pass
	848.3	6	0	5.83	<=13	Pass

5.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.75	<=13	Pass
	836.5	15	0	5.67	<=13	Pass
	847.5	15	0	5.86	<=13	Pass
16QAM	825.5	15	0	5.83	<=13	Pass
	836.5	15	0	5.77	<=13	Pass
	847.5	15	0	5.82	<=13	Pass

5.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.75	<=13	Pass
	836.5	25	0	5.76	<=13	Pass
	846.5	25	0	5.76	<=13	Pass
16QAM	826.5	25	0	6.05	<=13	Pass
	836.5	25	0	5.90	<=13	Pass
	846.5	25	0	5.82	<=13	Pass

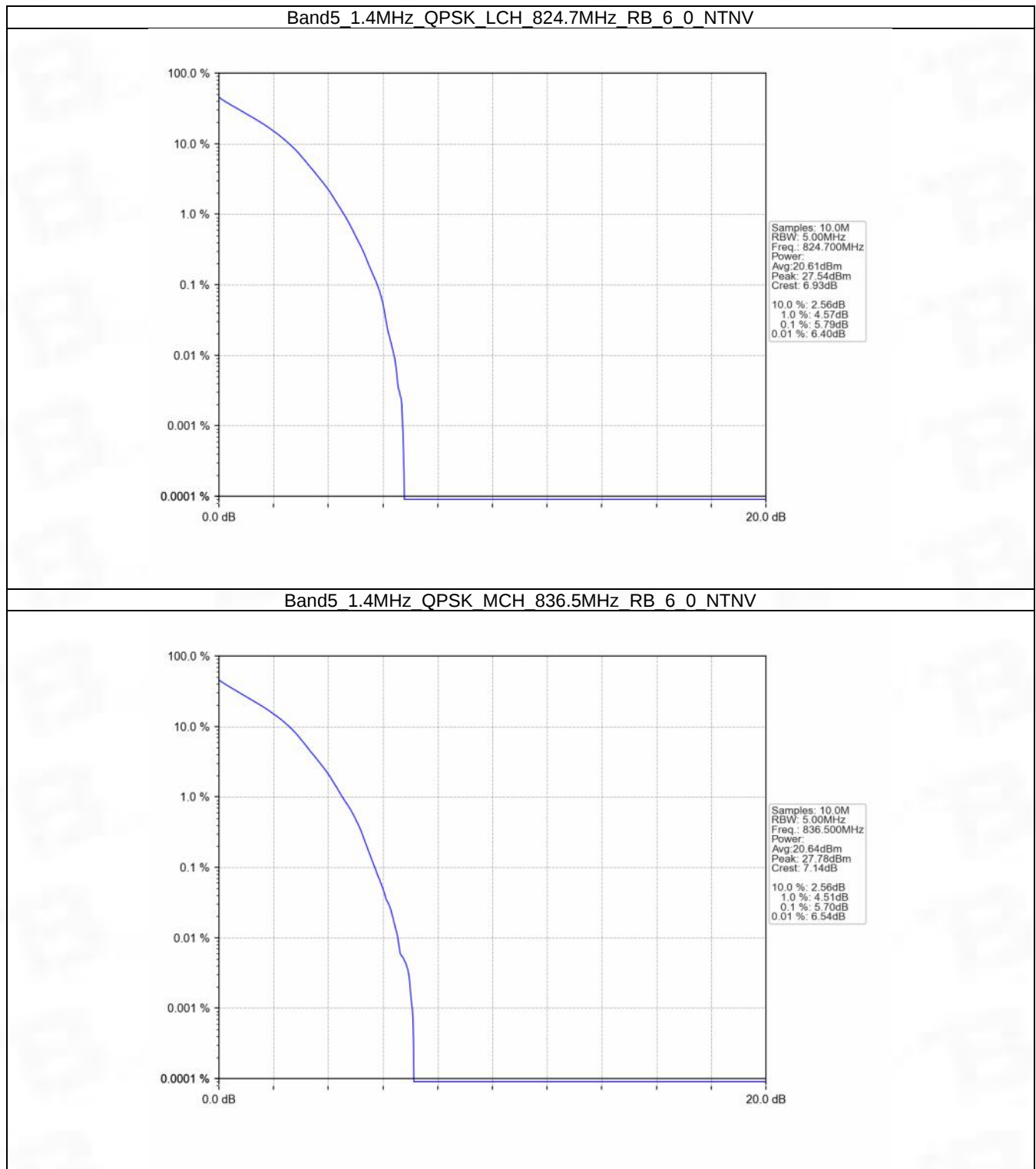
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.77	<=13	Pass
	836.5	50	0	5.75	<=13	Pass
	844	50	0	5.72	<=13	Pass
16QAM	829	50	0	6.01	<=13	Pass
	836.5	50	0	5.94	<=13	Pass

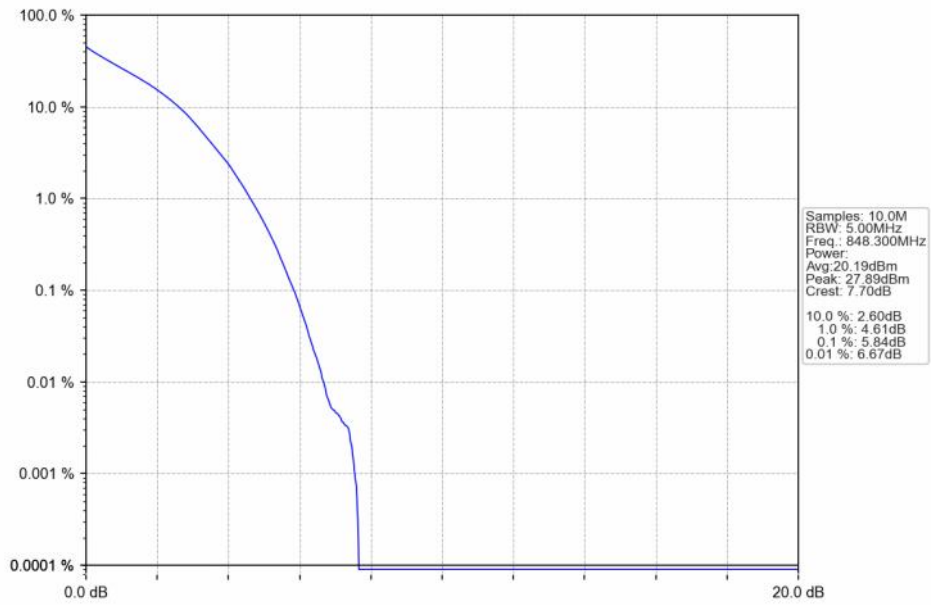
	844	50	0	5.74	<=13	Pass
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5.2 Test Graph

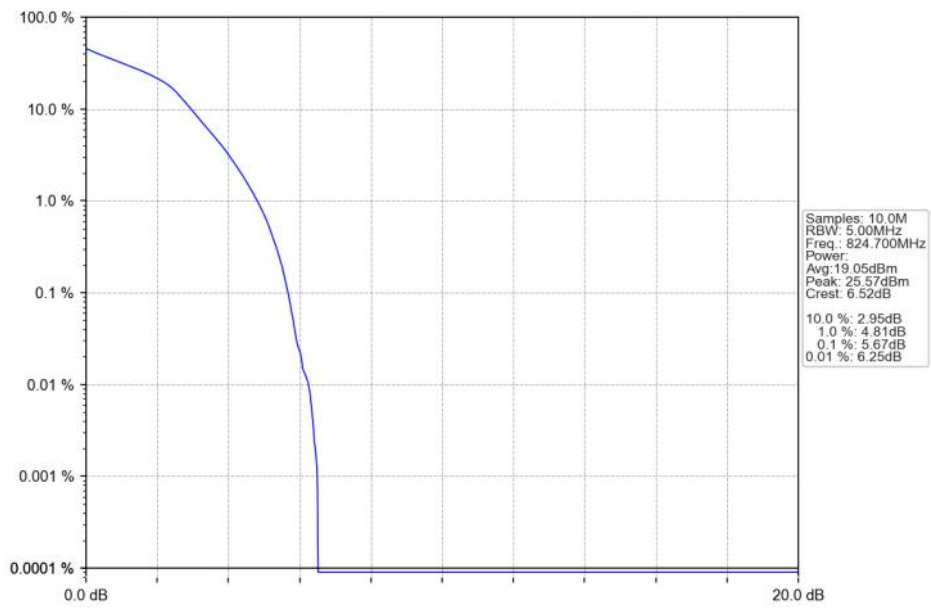
5.2.1 B5_1.4MHz



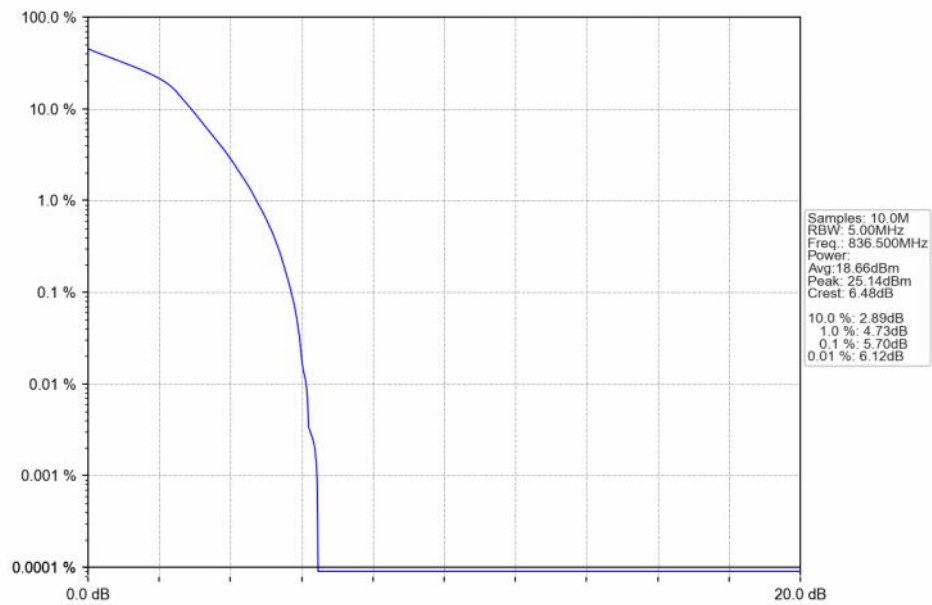
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



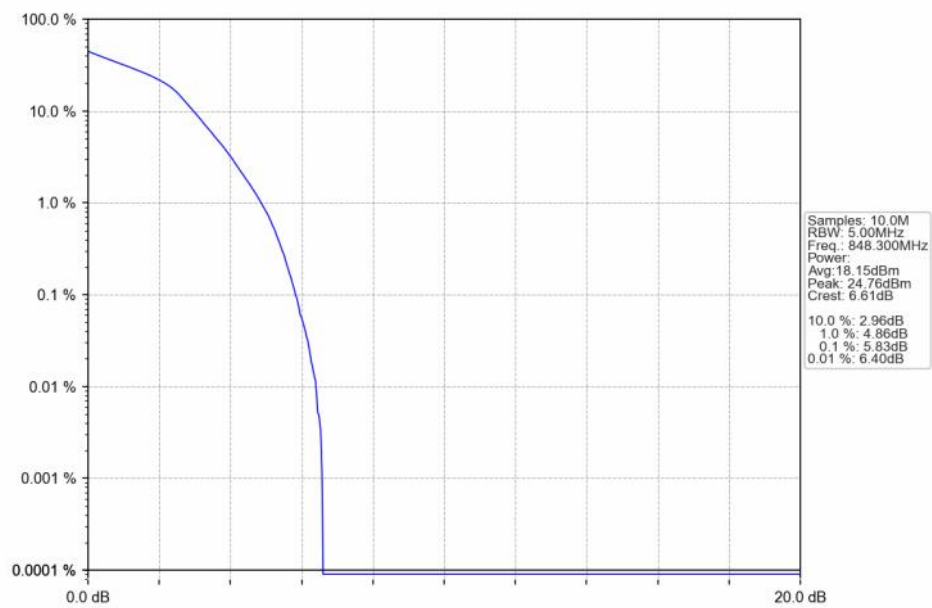
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV

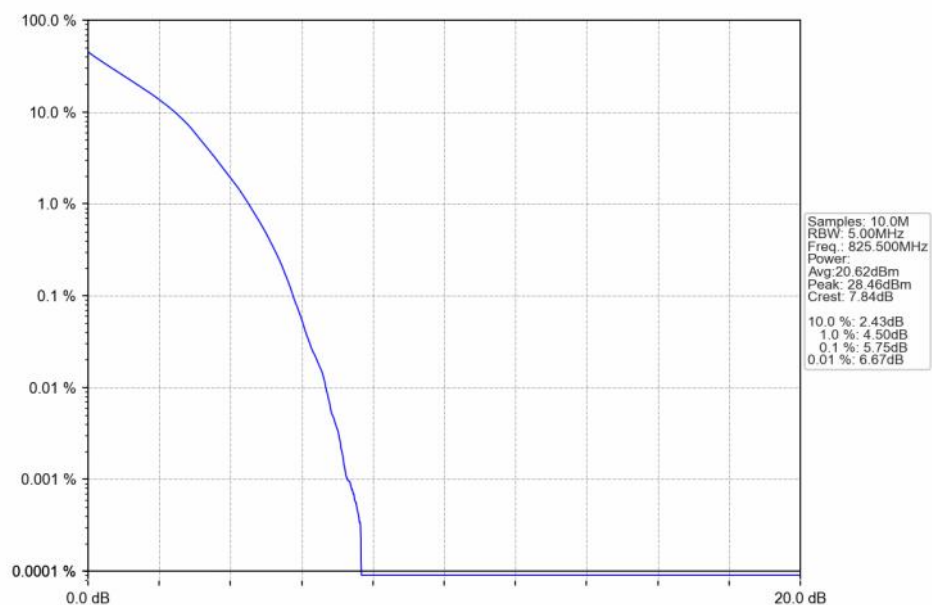


Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV

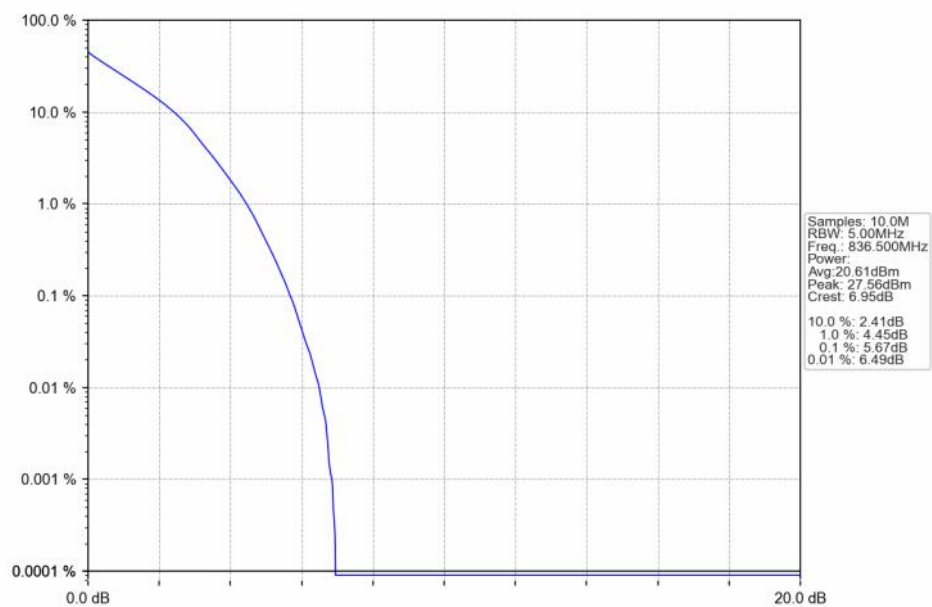


5.2.2 B5_3MHz

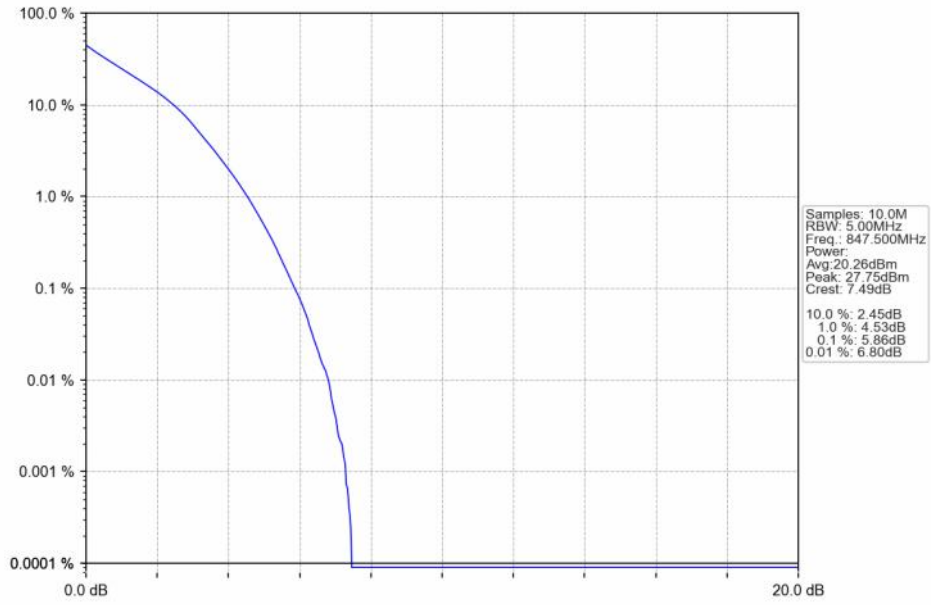
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



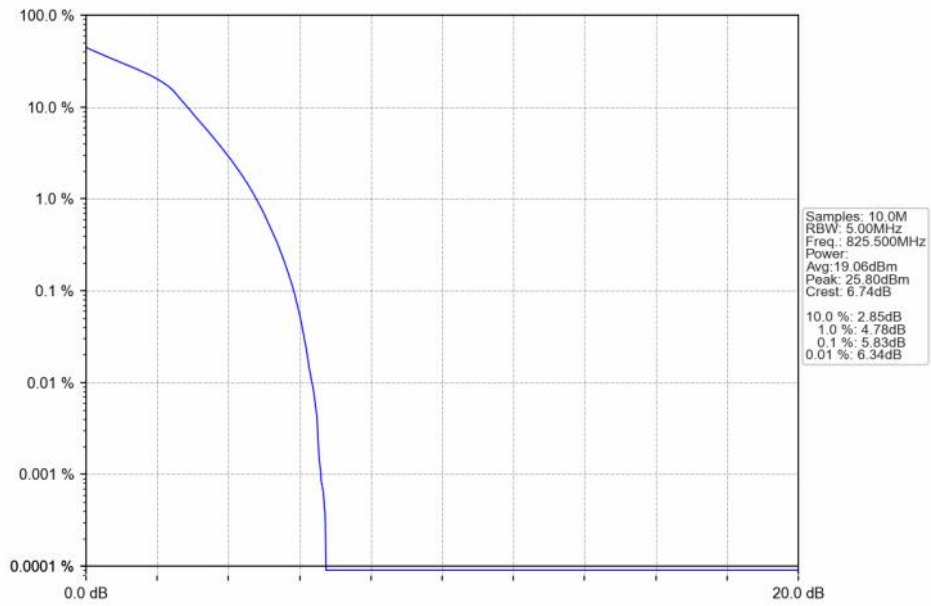
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



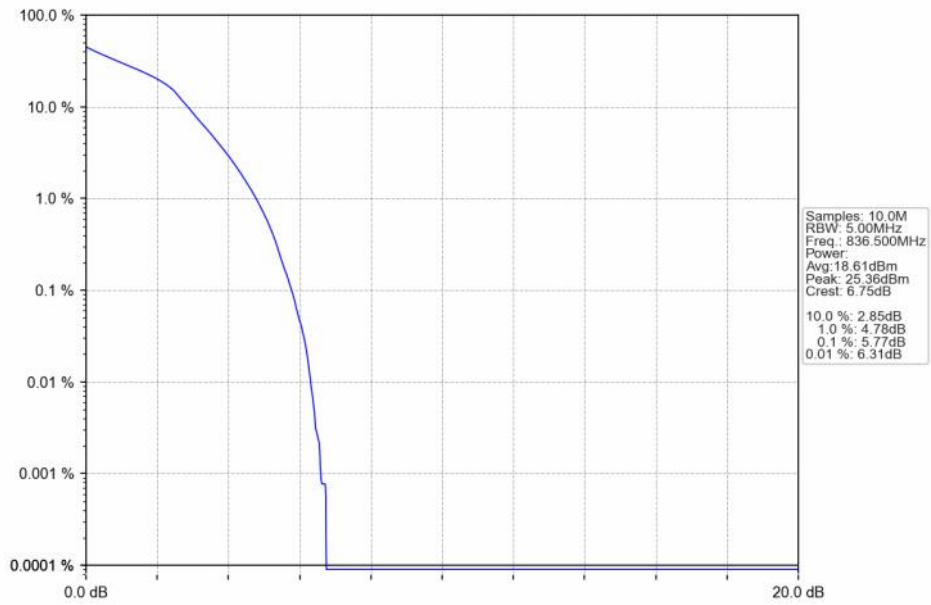
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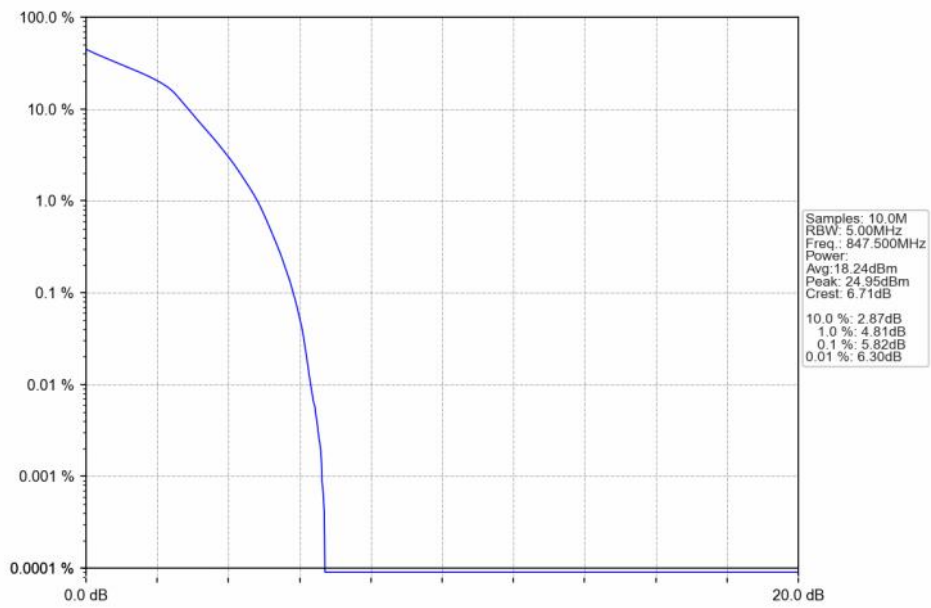
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



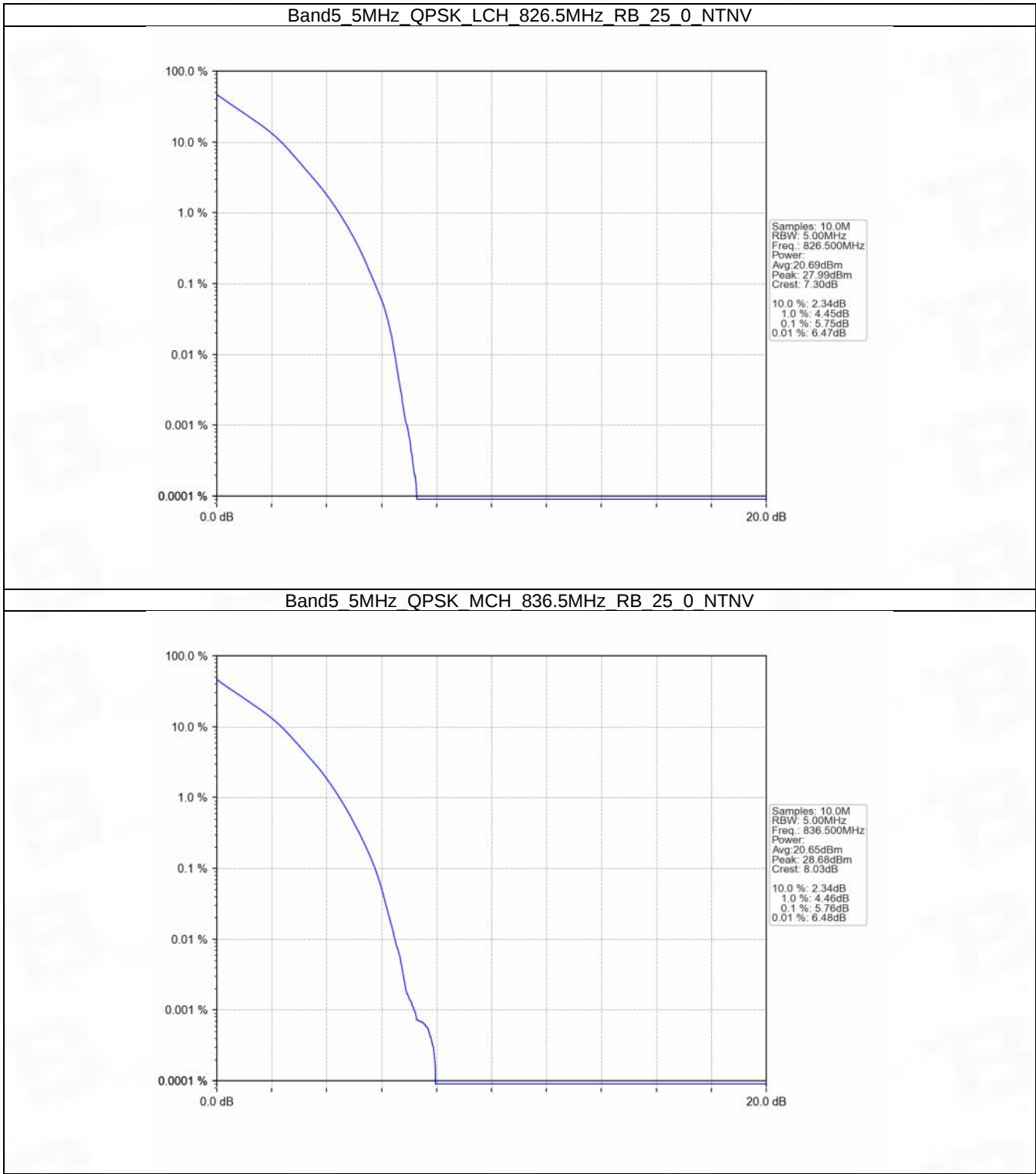
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



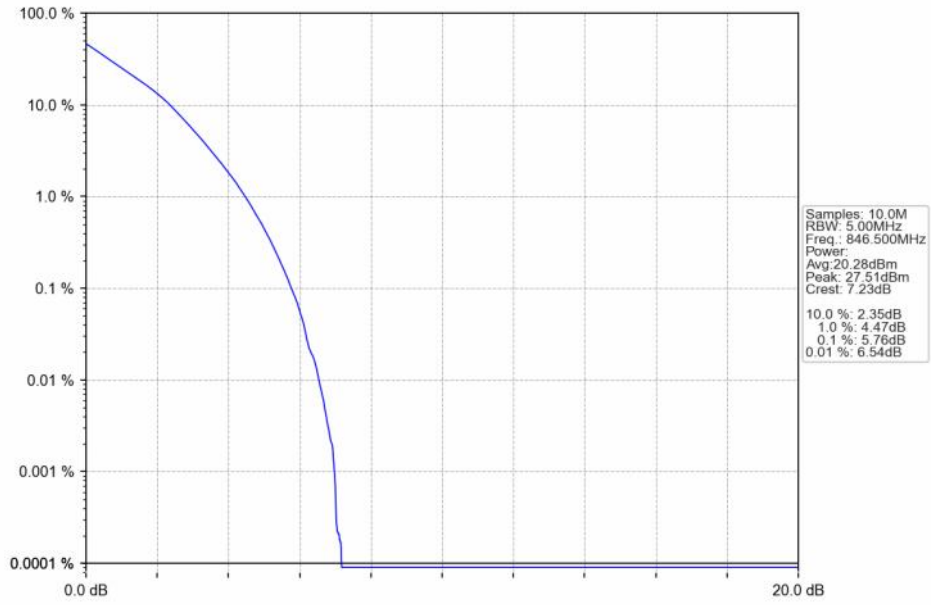
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



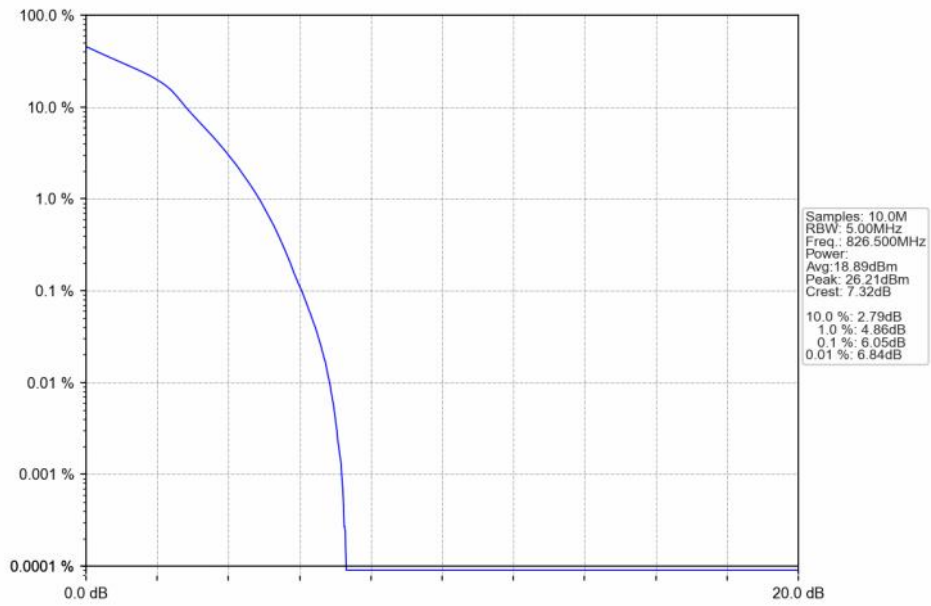
5.2.3 B5_5MHz



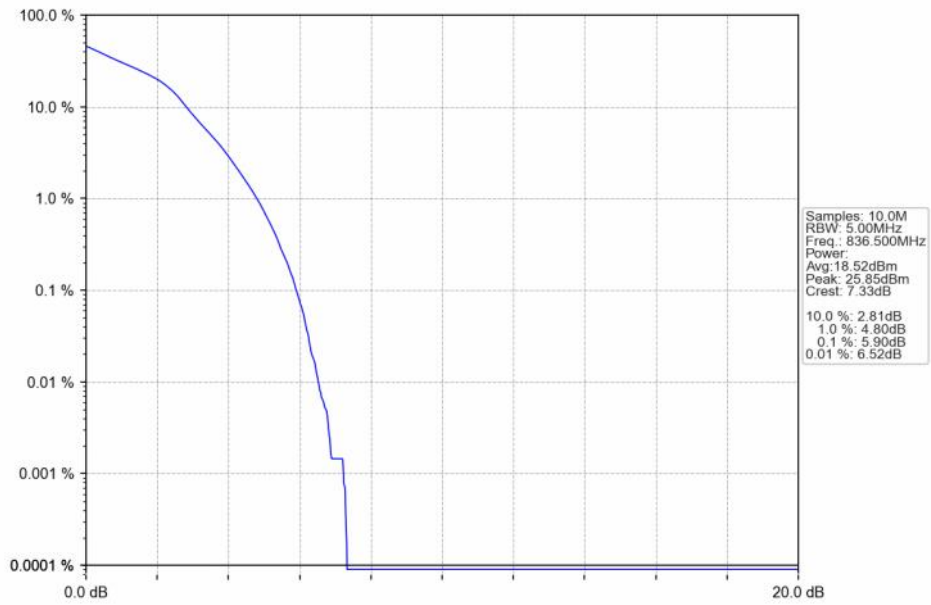
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



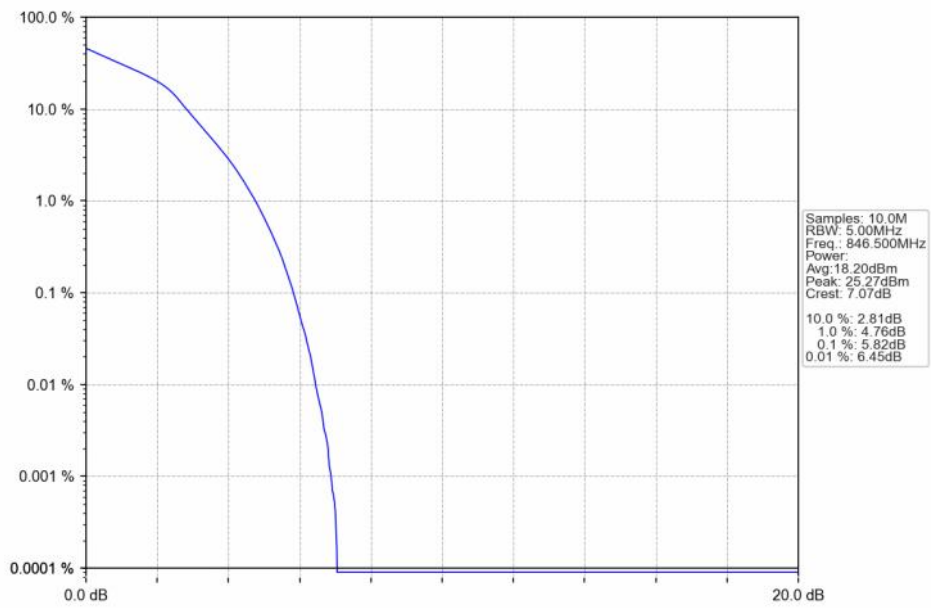
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTN

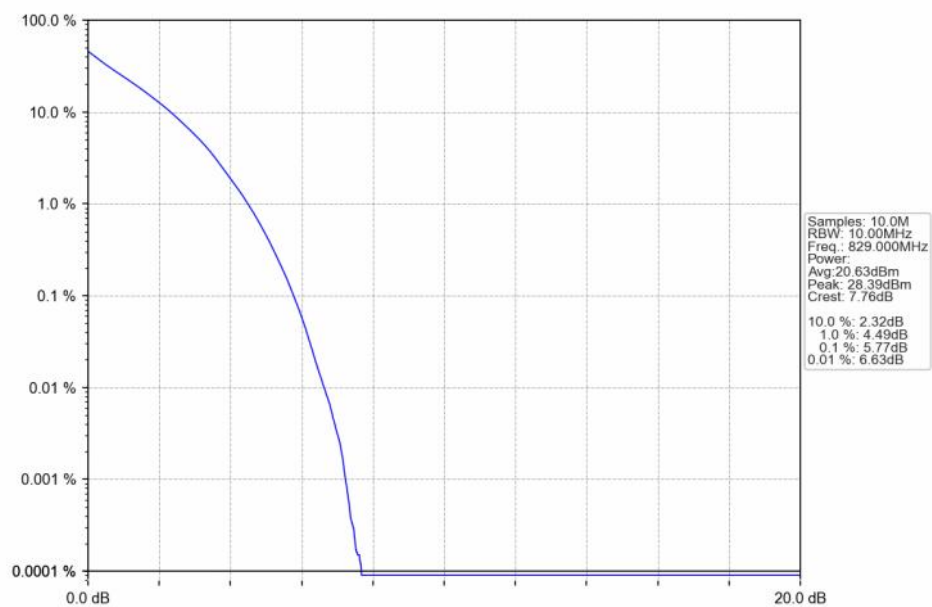


Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTN

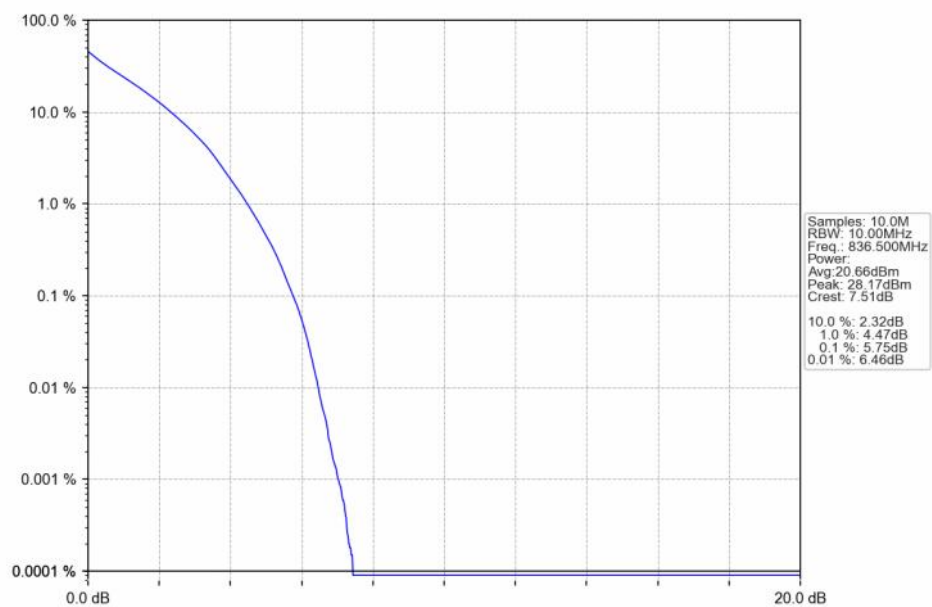


5.2.4 B5_10MHz

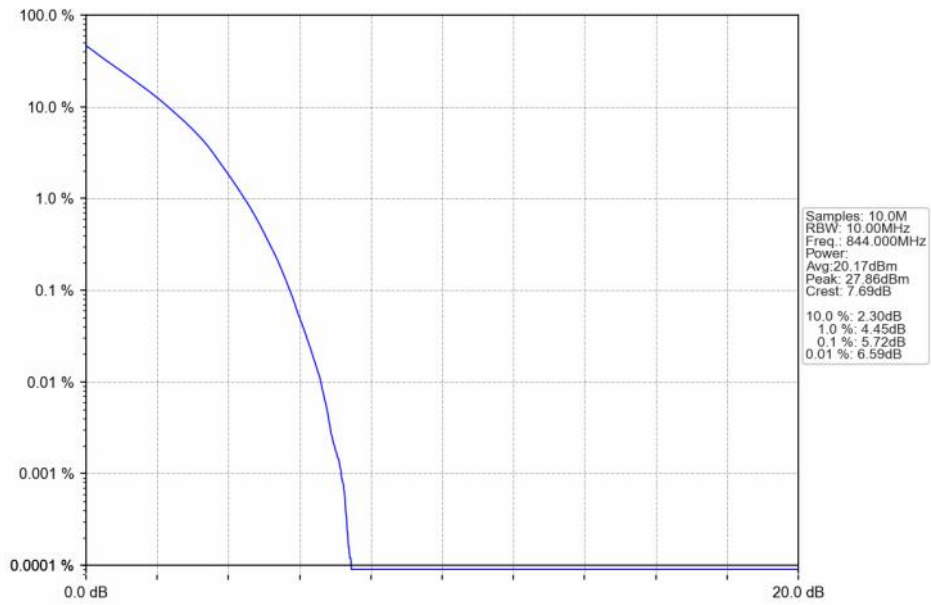
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



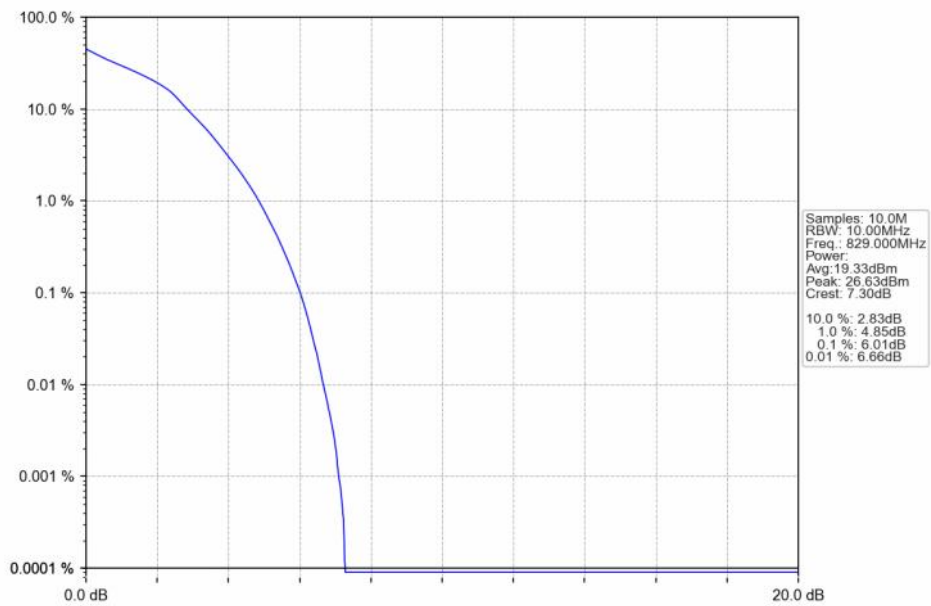
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



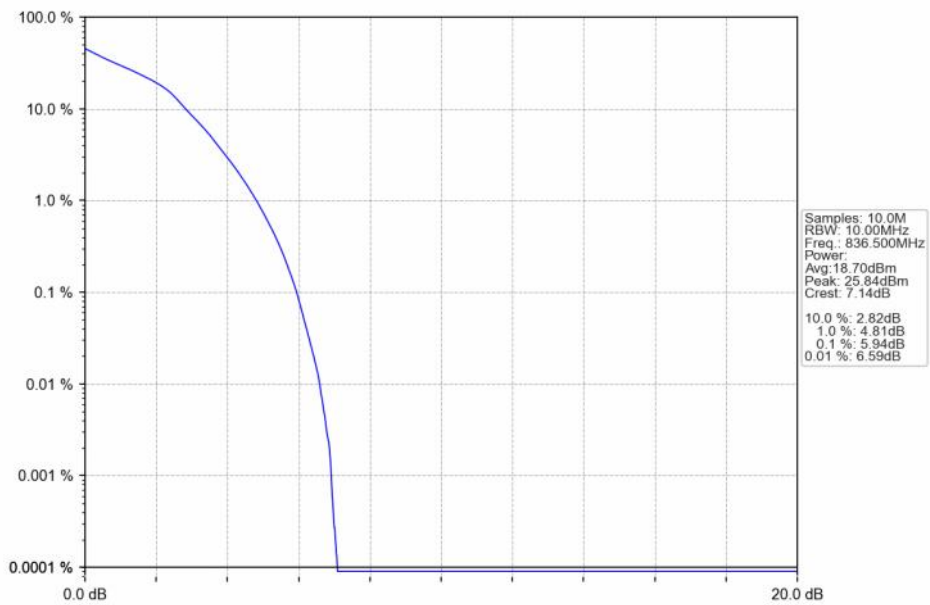
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



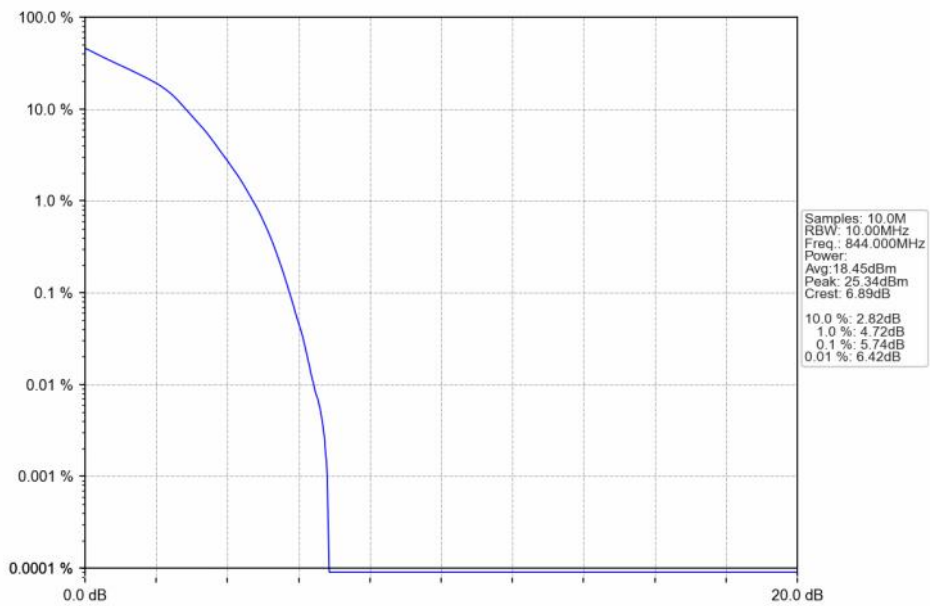
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
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
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	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
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

6.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
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
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

6.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
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
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	826.5	1	0	Refer To Test Graph		Pass

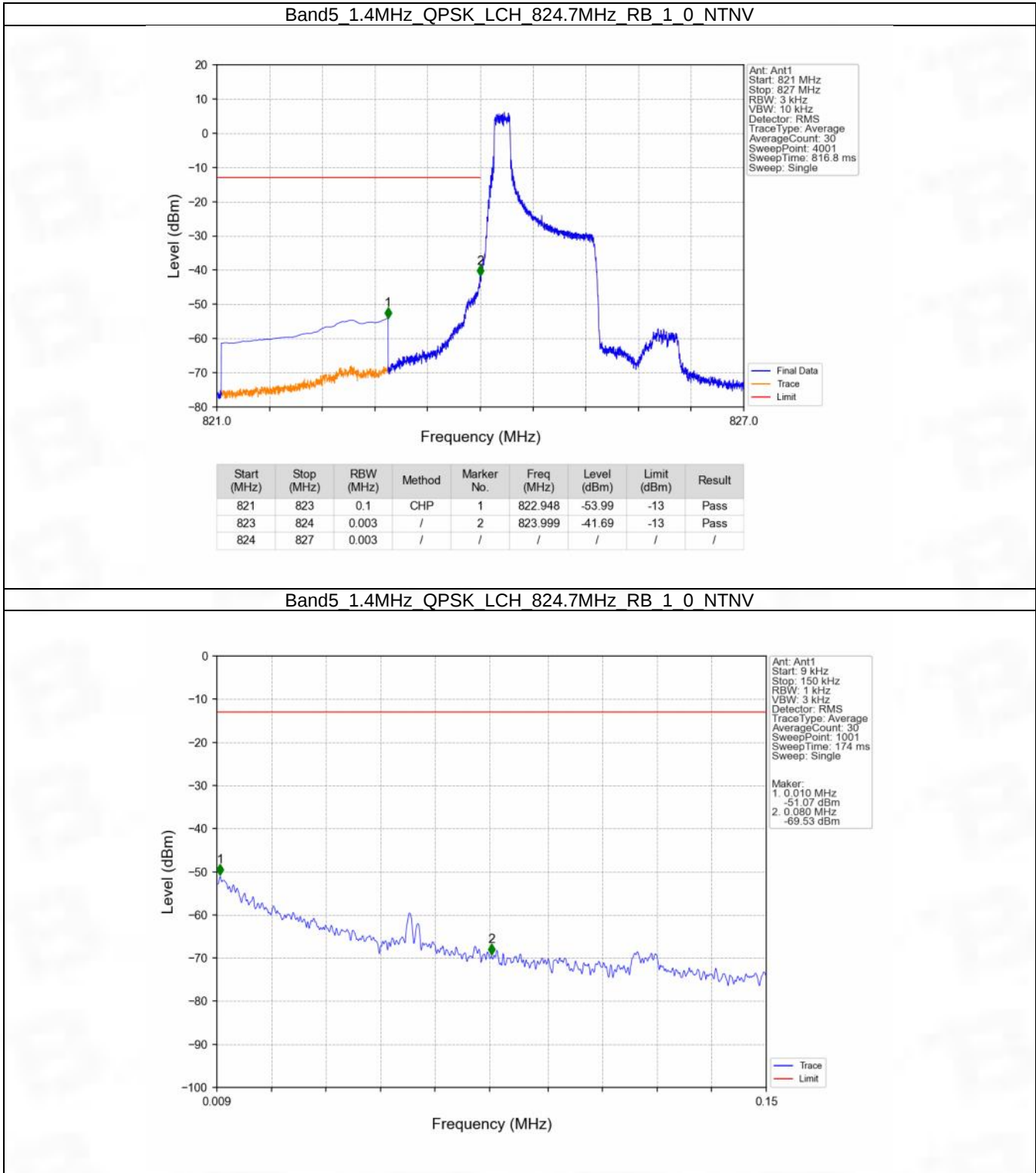
		25	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B5_10MHz

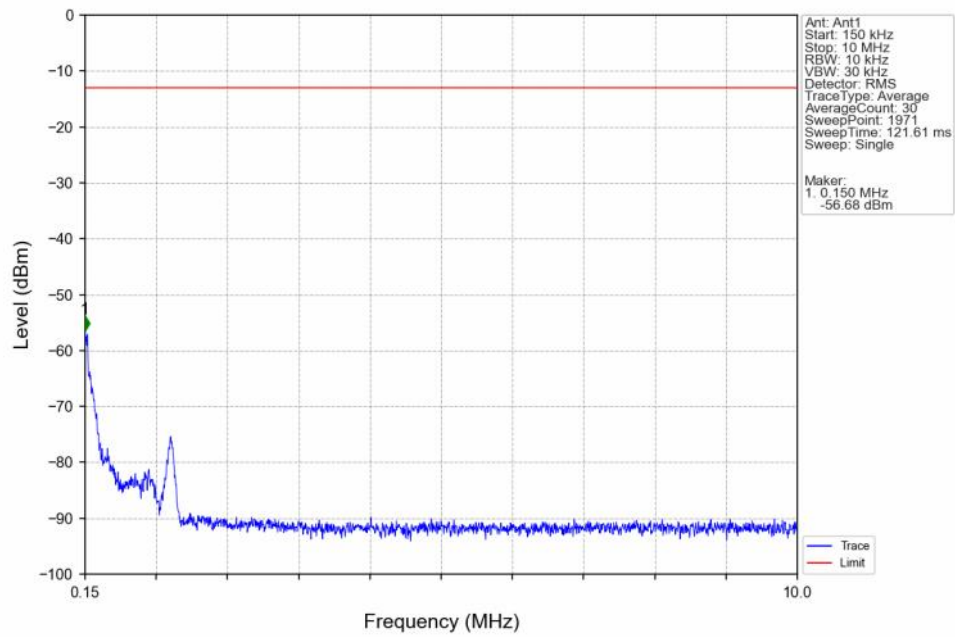
Band: 5 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	829	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	844	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	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

6.2 Test Graph

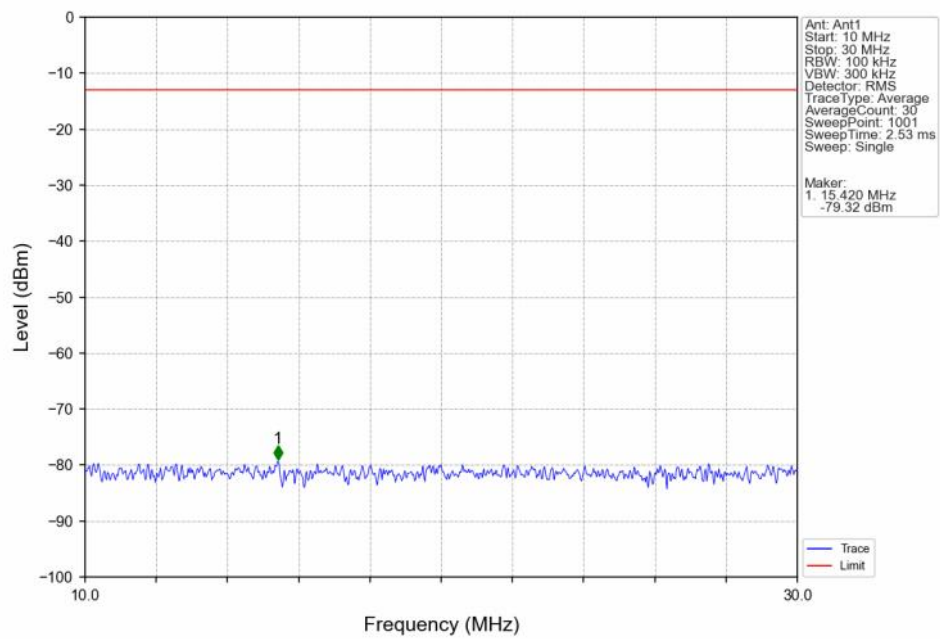
6.2.1 B5_1.4MHz



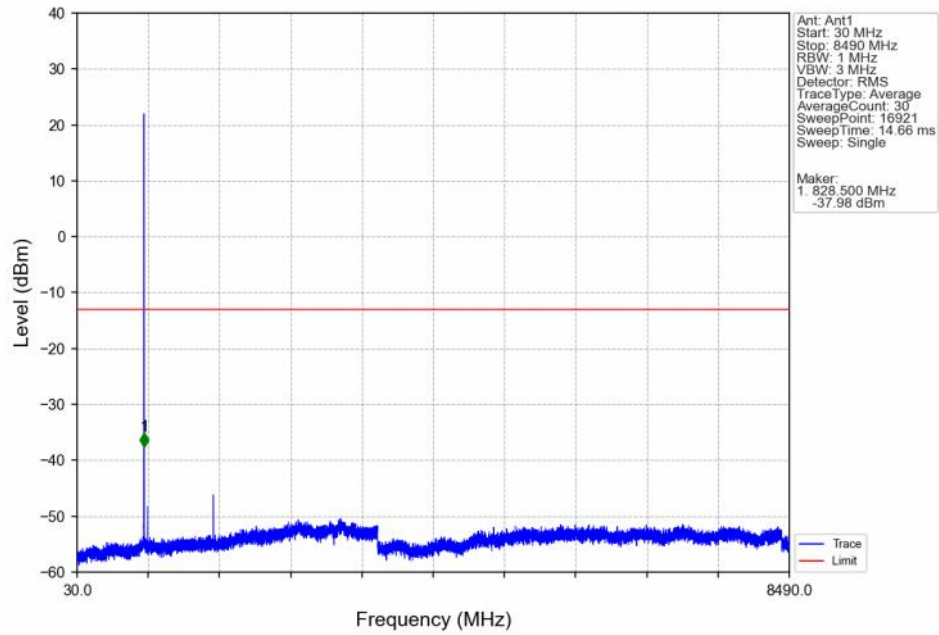
Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTN



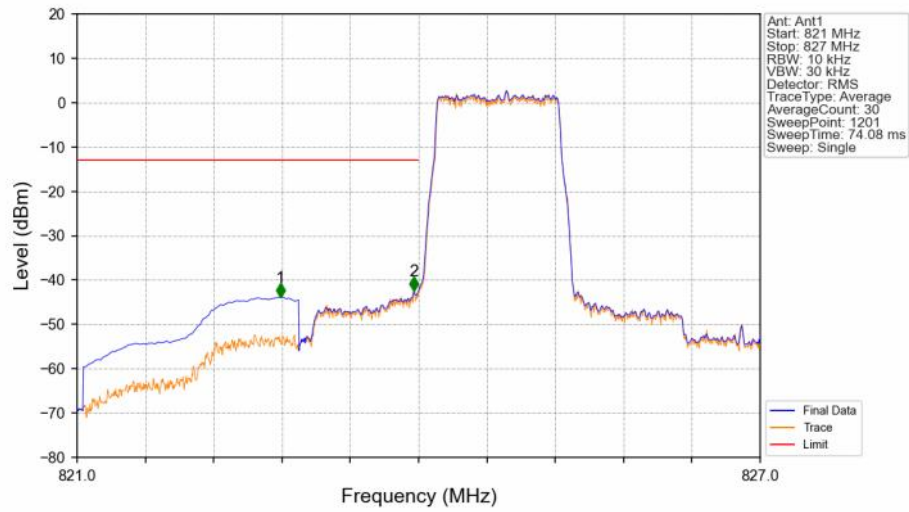
Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTN



Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTN

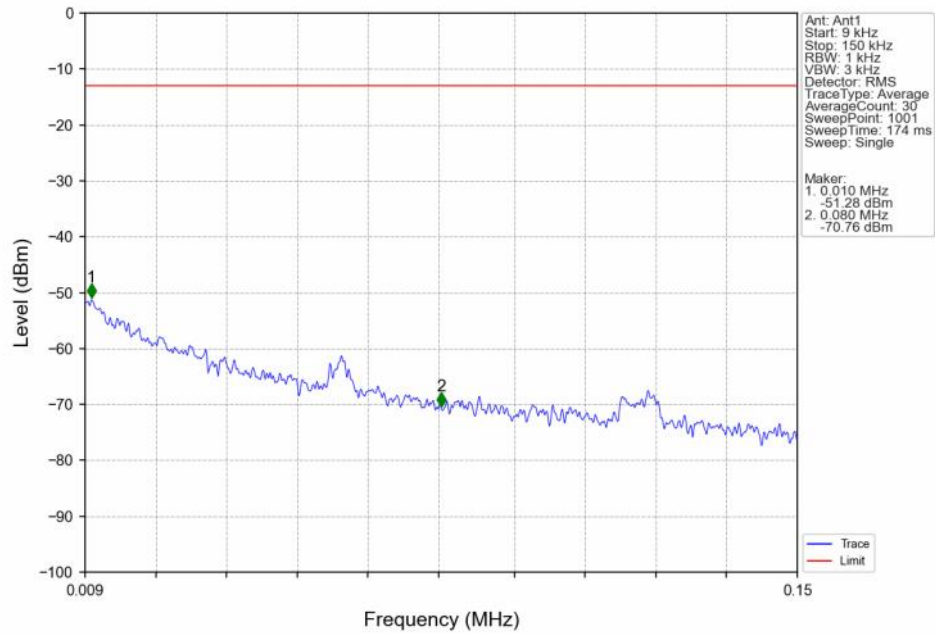


Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTN

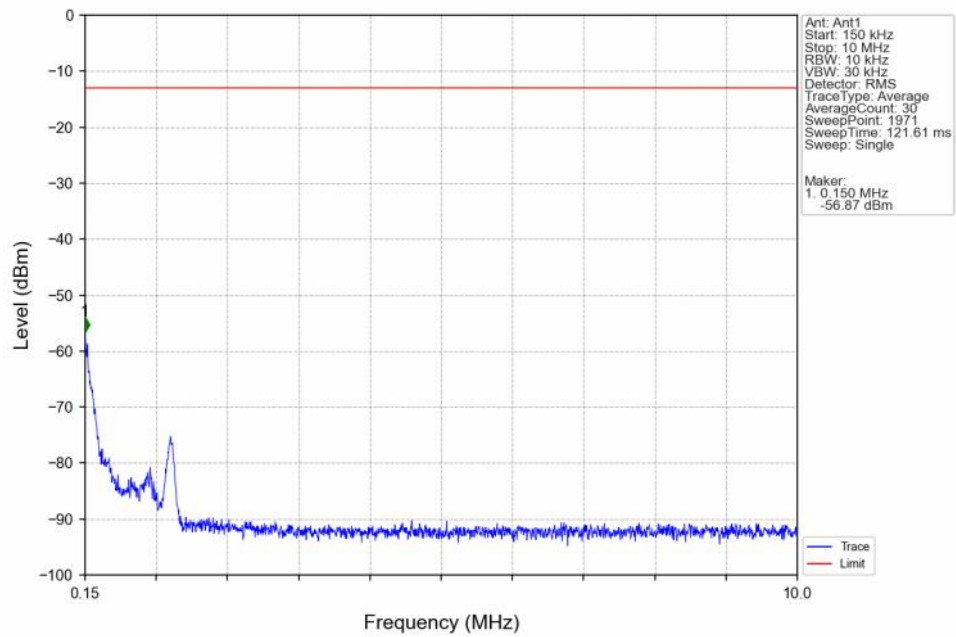


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.785	-43.85	-13	Pass
823	824	0.013	CHP	2	823.960	-42.47	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

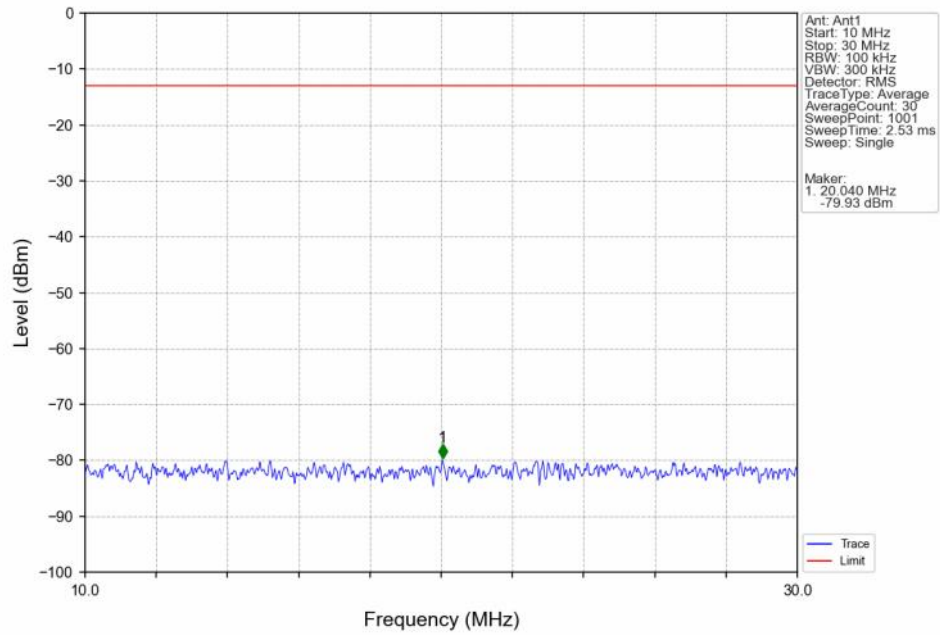
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



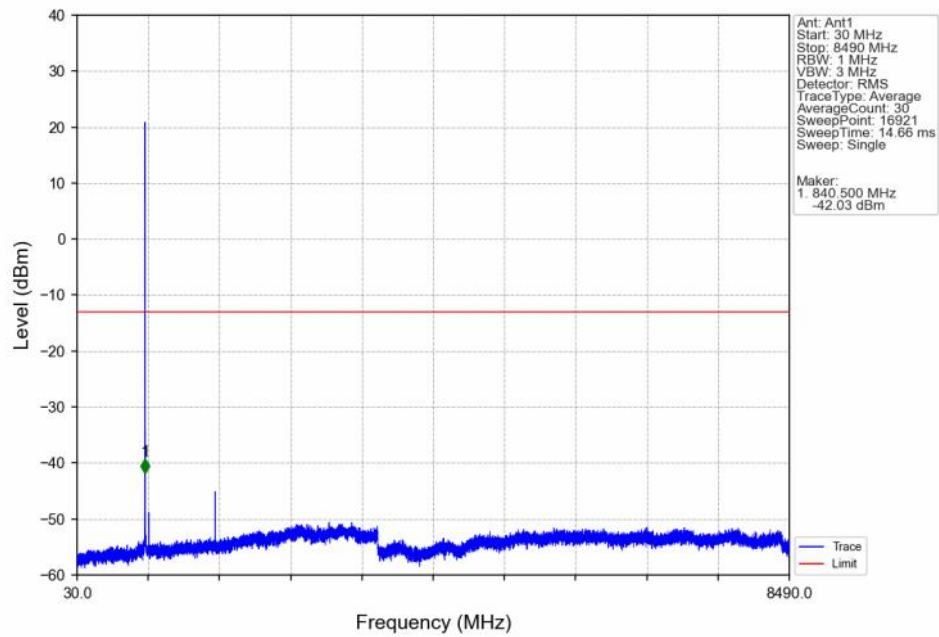
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



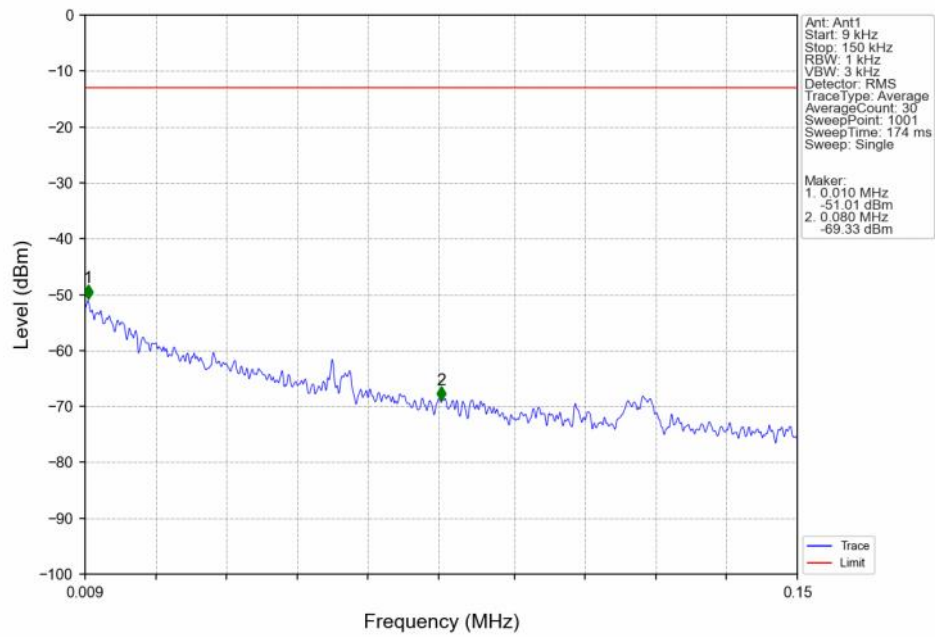
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



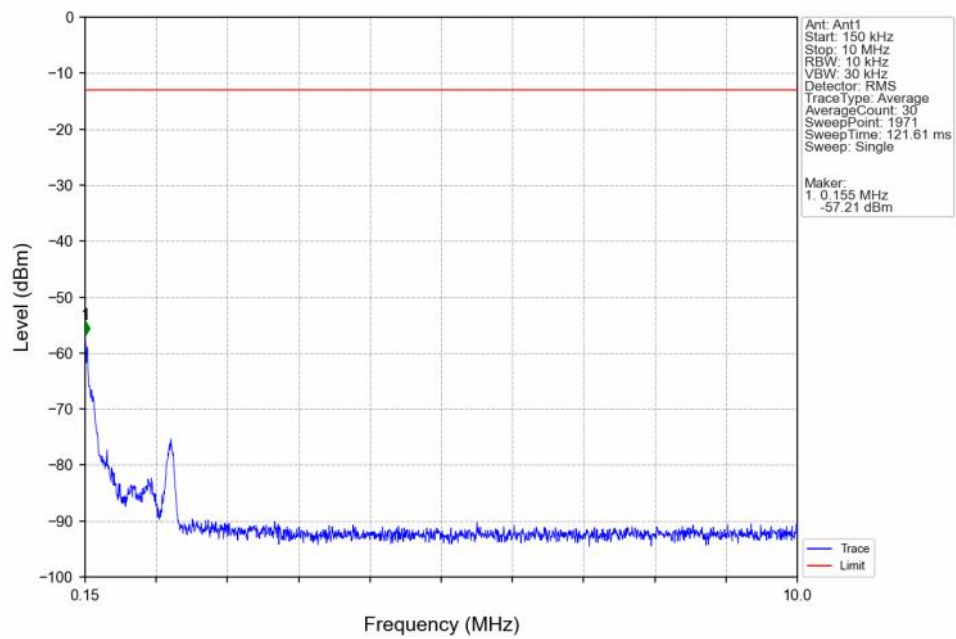
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



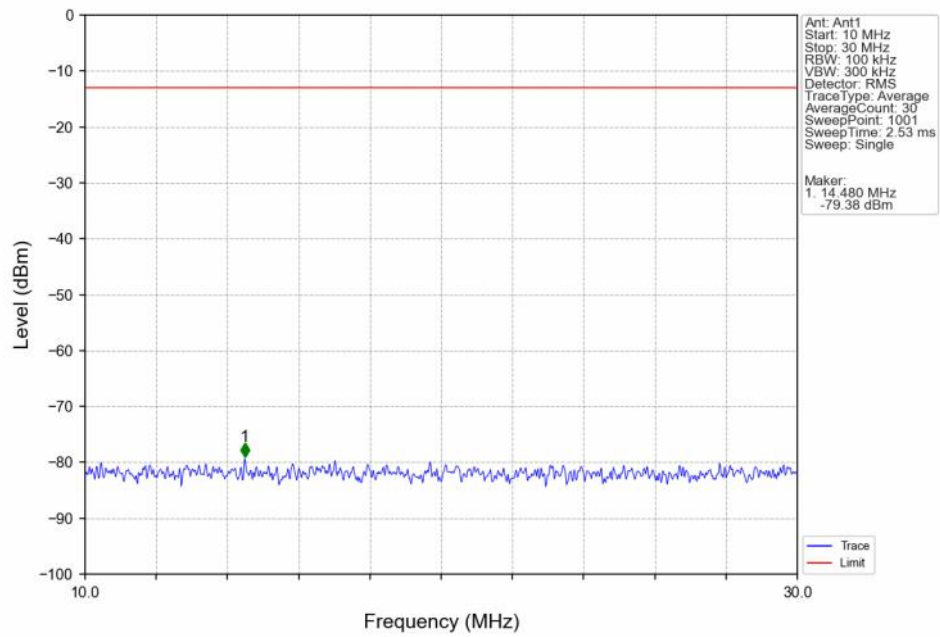
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTN



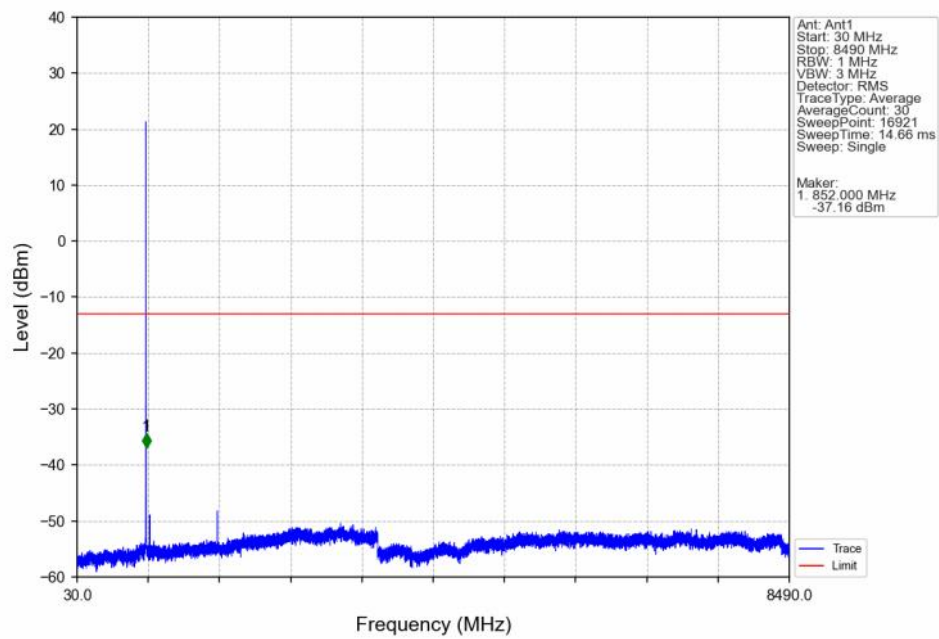
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTN



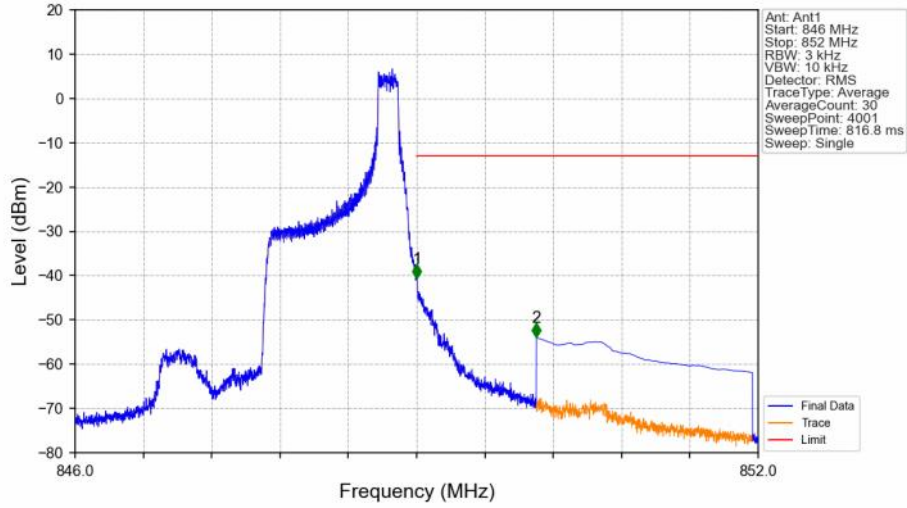
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTN



Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTN

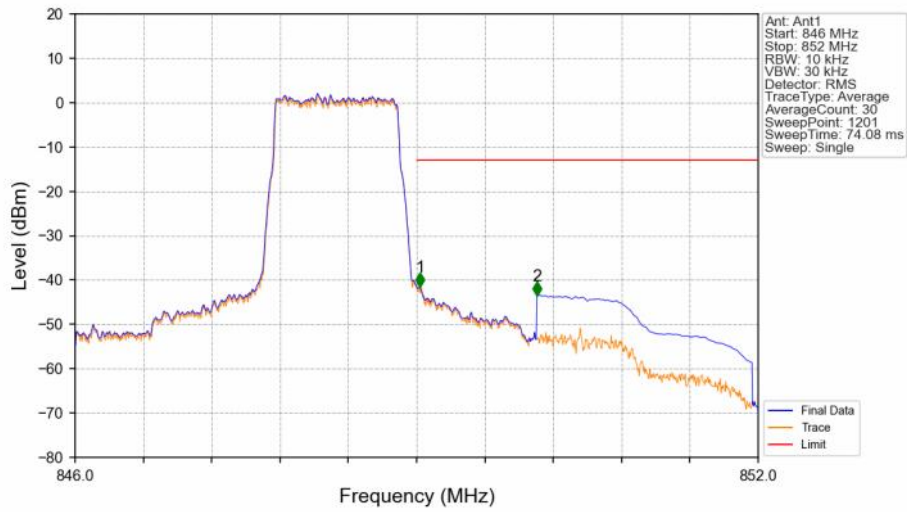


Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTNV



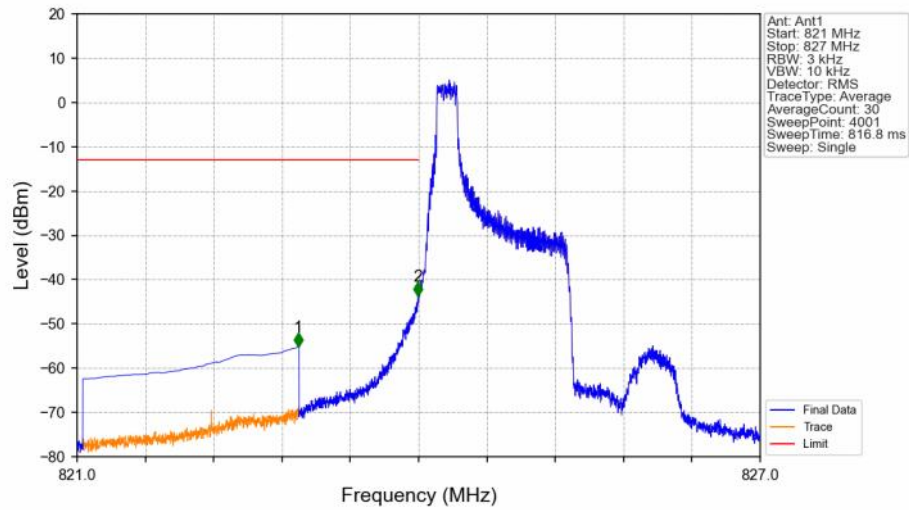
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-40.60	-13	Pass
850	852	0.1	CHP	2	850.052	-53.96	-13	Pass

Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



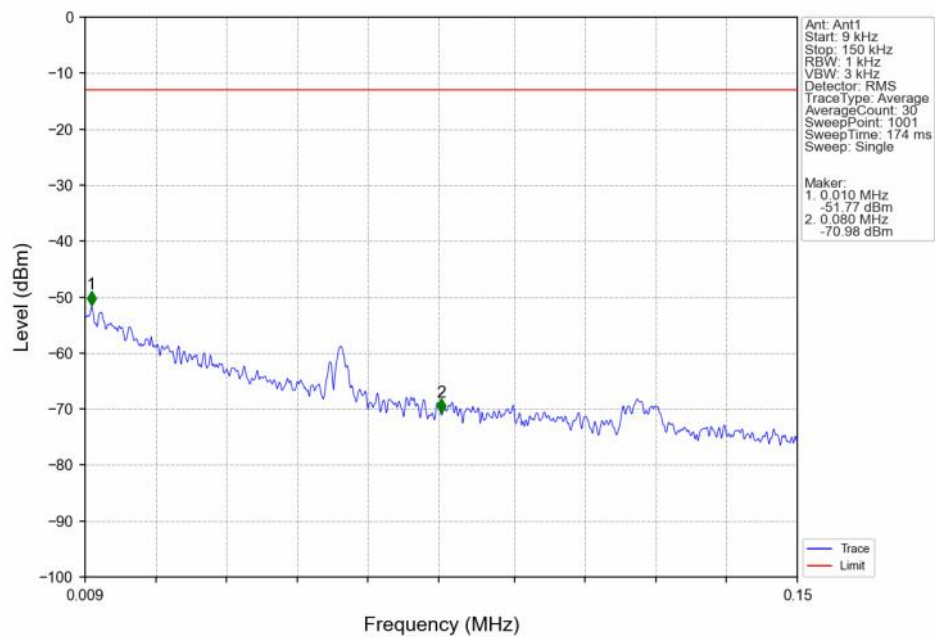
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.030	-41.56	-13	Pass
850	852	0.1	CHP	2	850.060	-43.46	-13	Pass

Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTNV

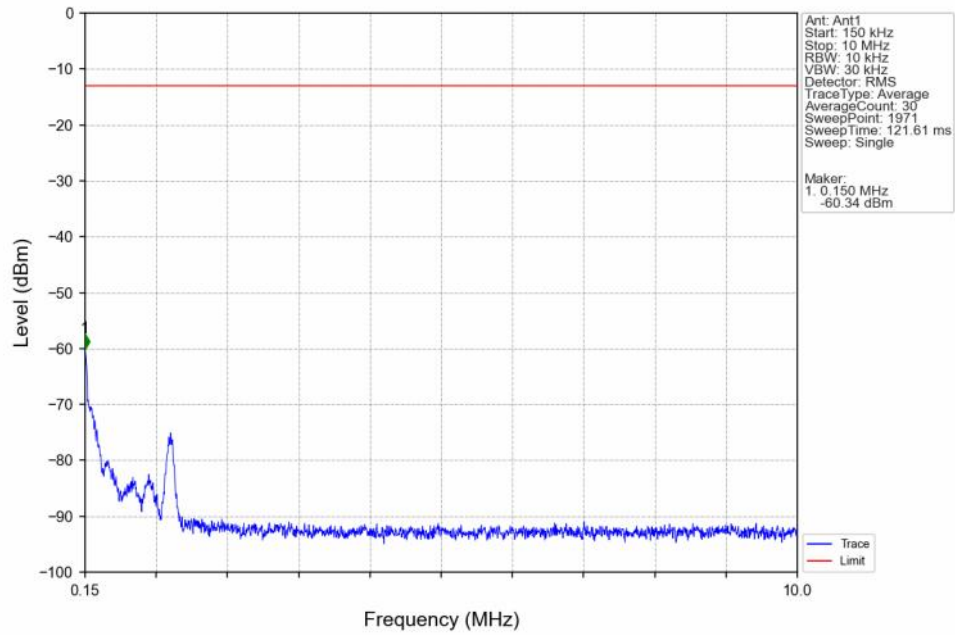


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.941	-55.24	-13	Pass
823	824	0.003	/	2	823.995	-43.67	-13	Pass
824	827	0.003	/	/	/	/	/	/

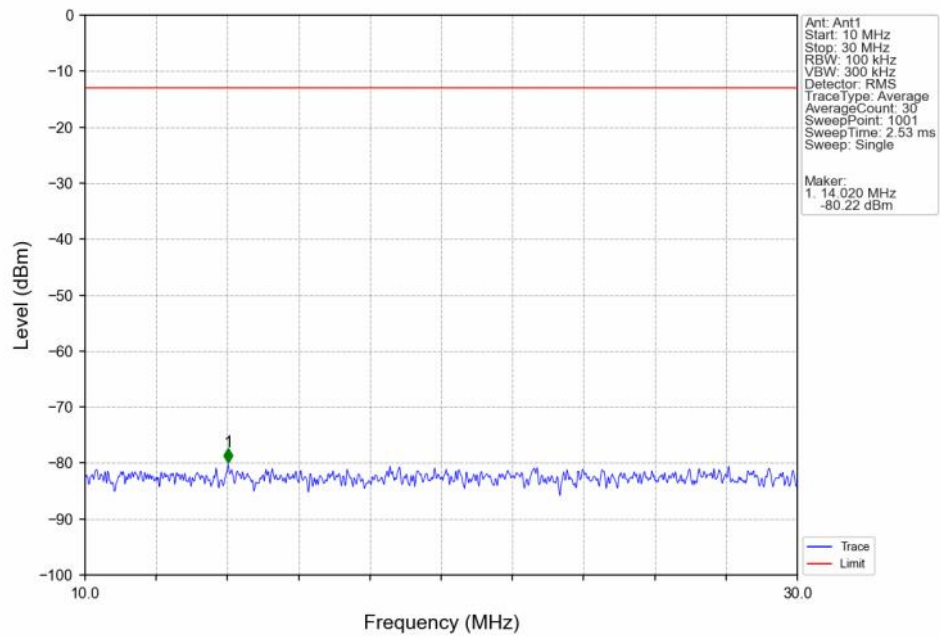
Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTNV



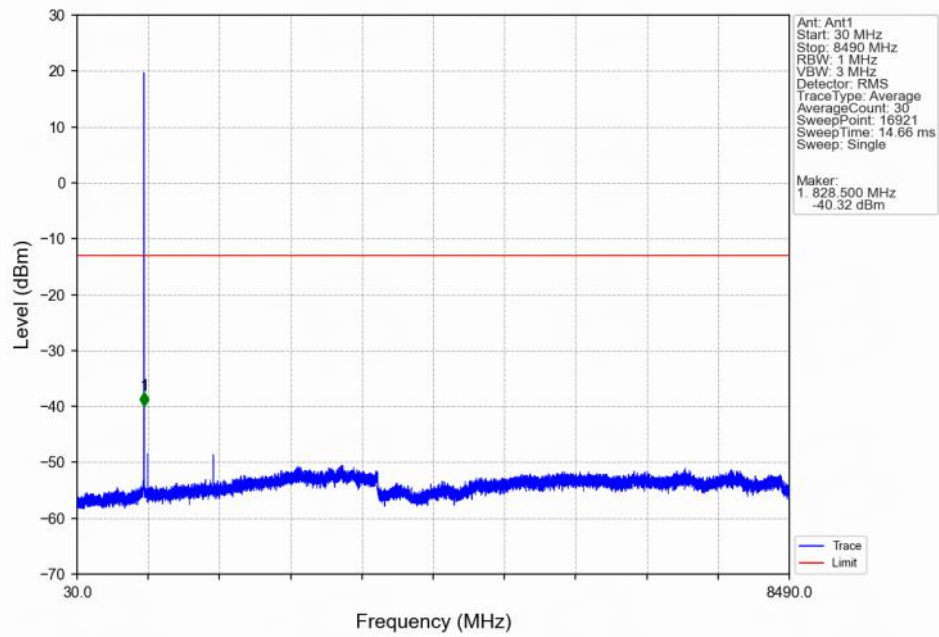
Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTNV



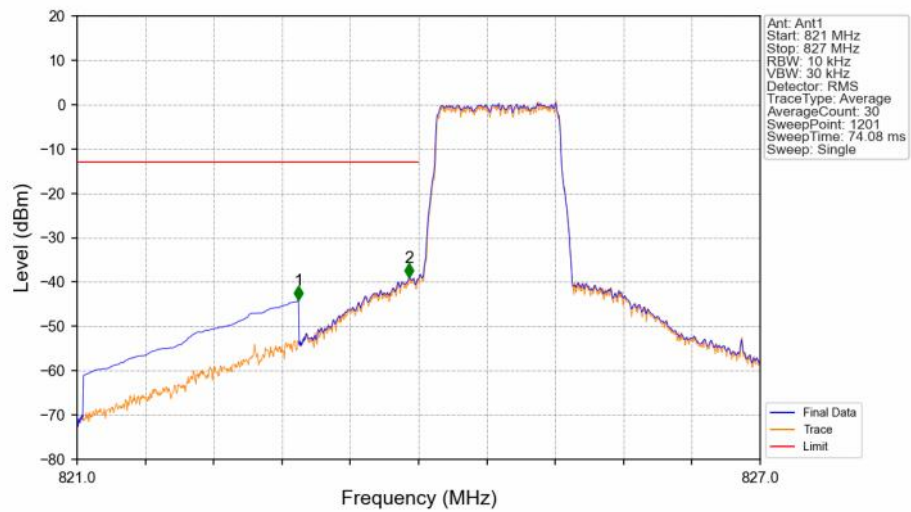
Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTNV



Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTNV

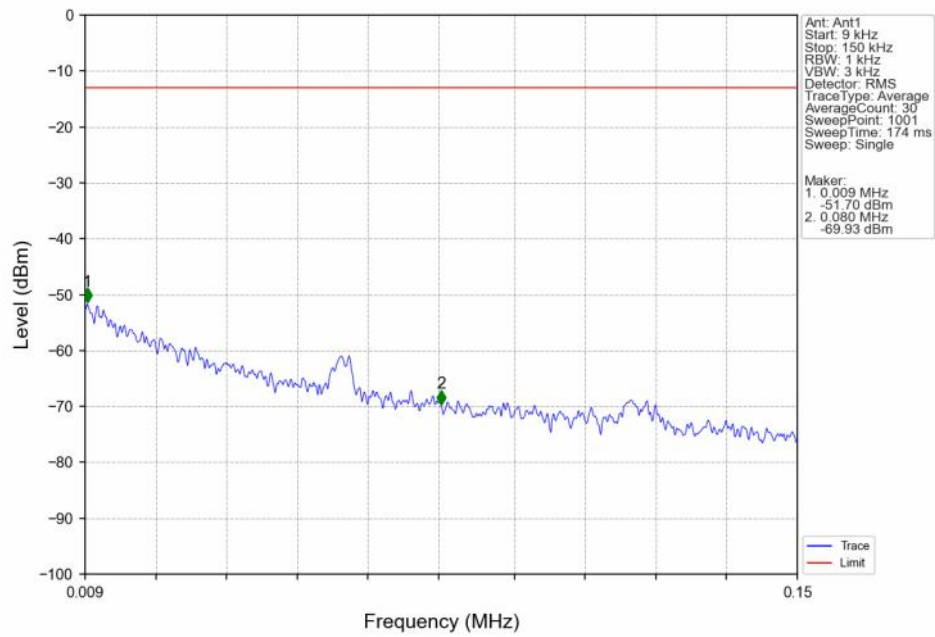


Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV

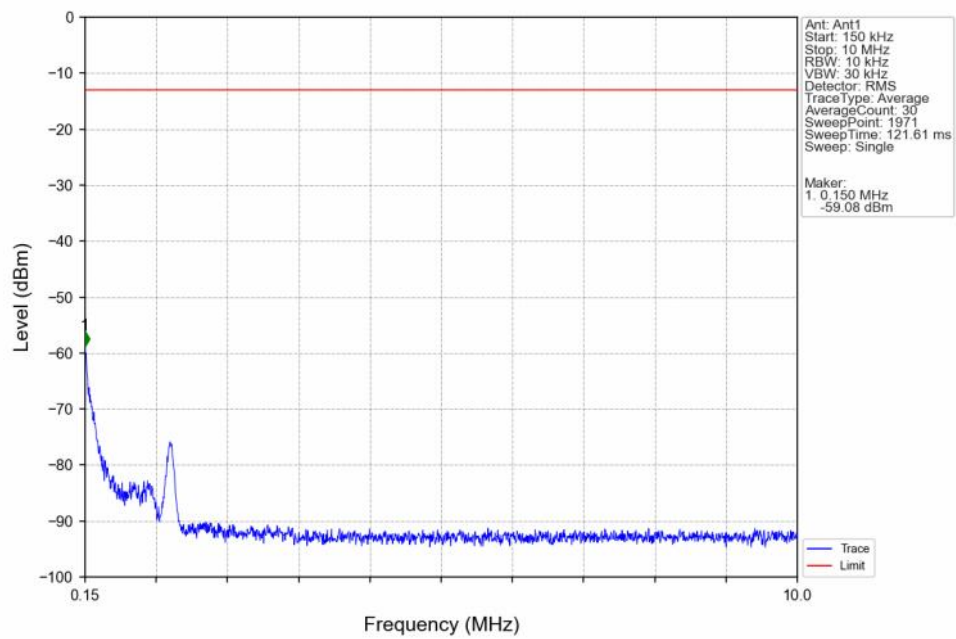


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-44.14	-13	Pass
823	824	0.013	CHP	2	823.915	-38.93	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

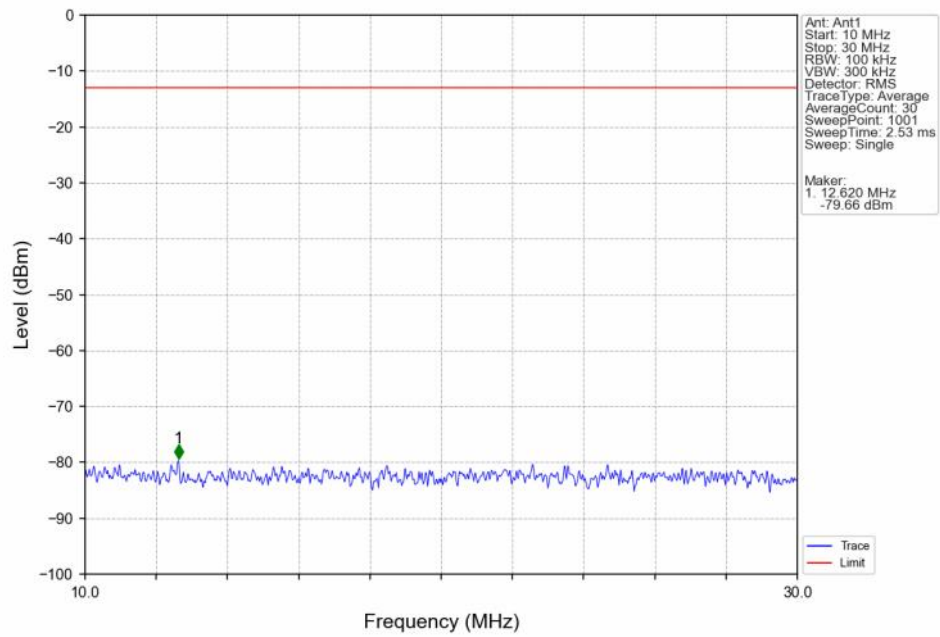
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



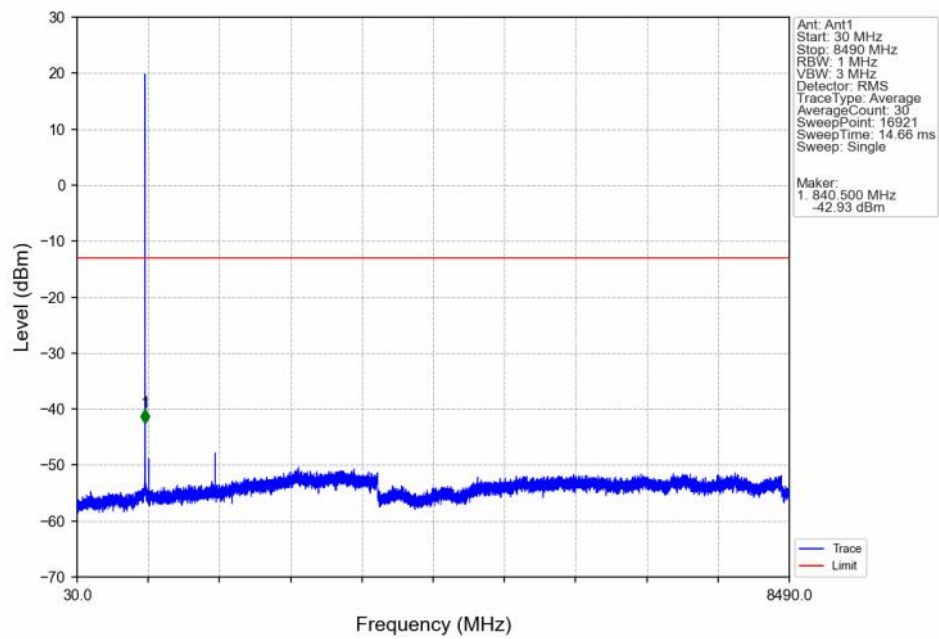
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



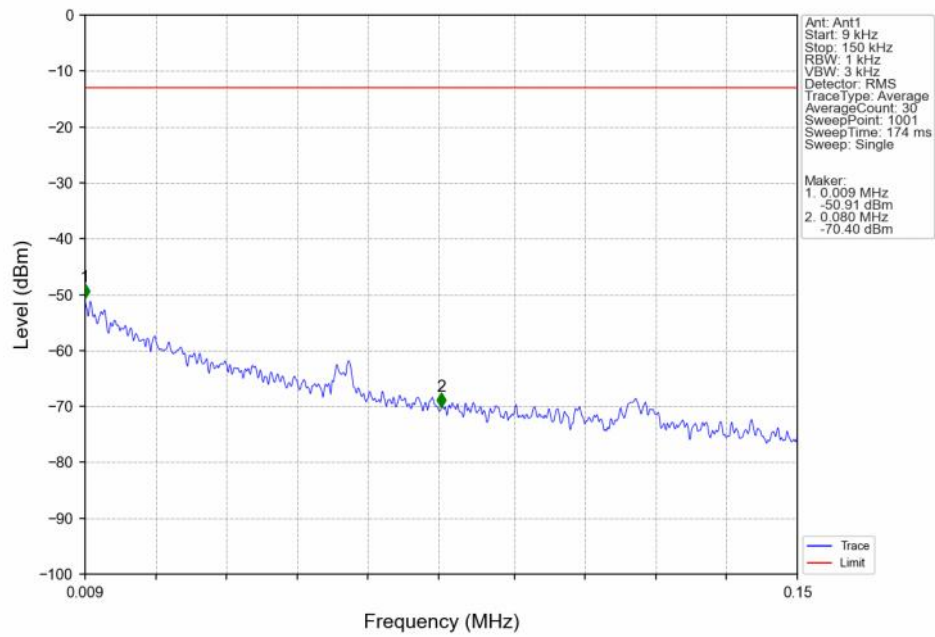
Band5 1.4MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



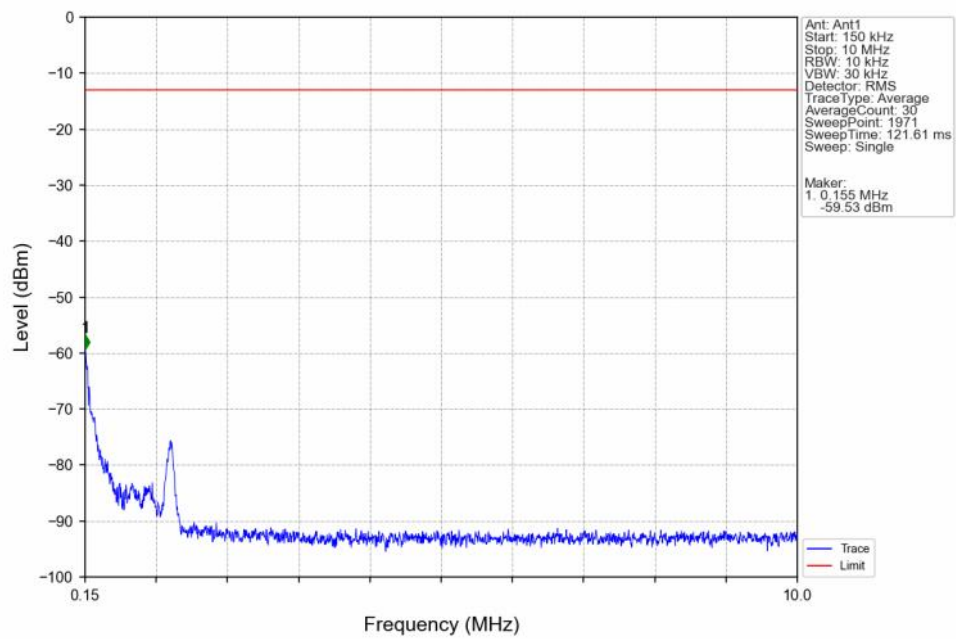
Band5 1.4MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



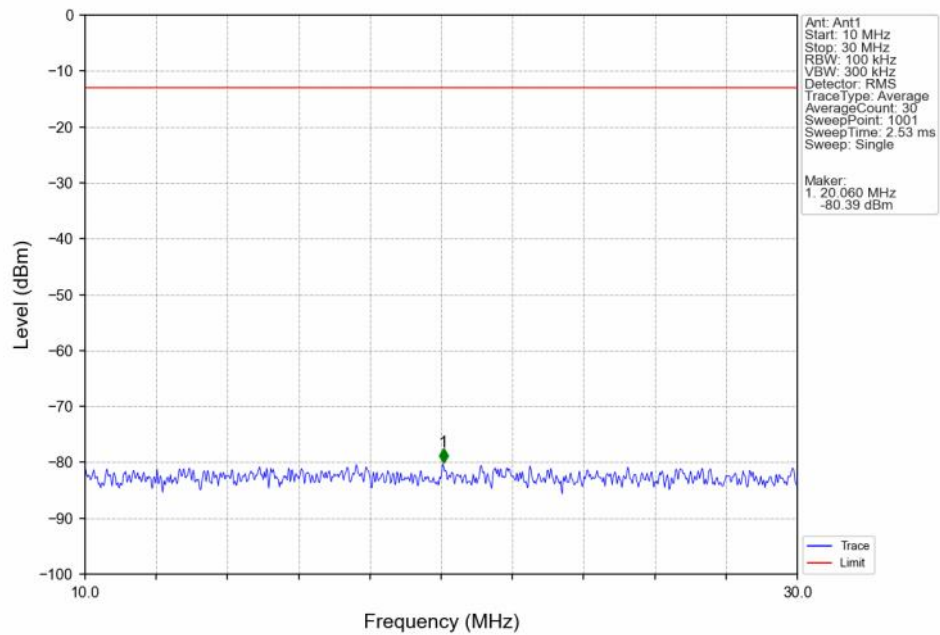
Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 0 NTNV



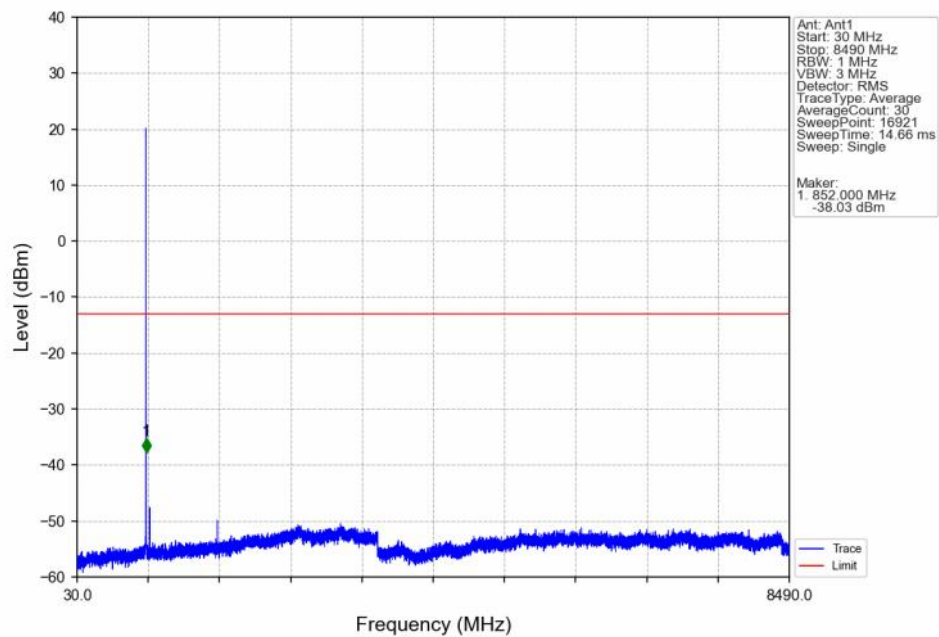
Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 0 NTNV



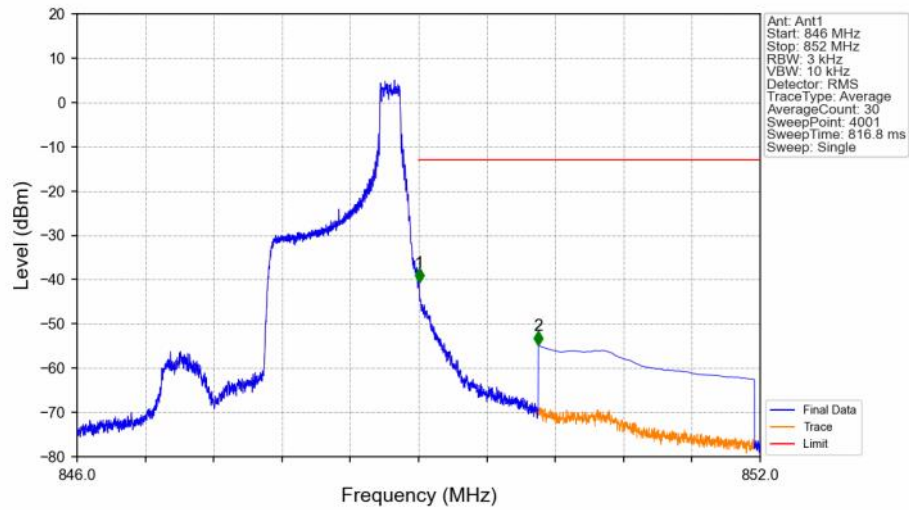
Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 0 NTNV



Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 0 NTNV

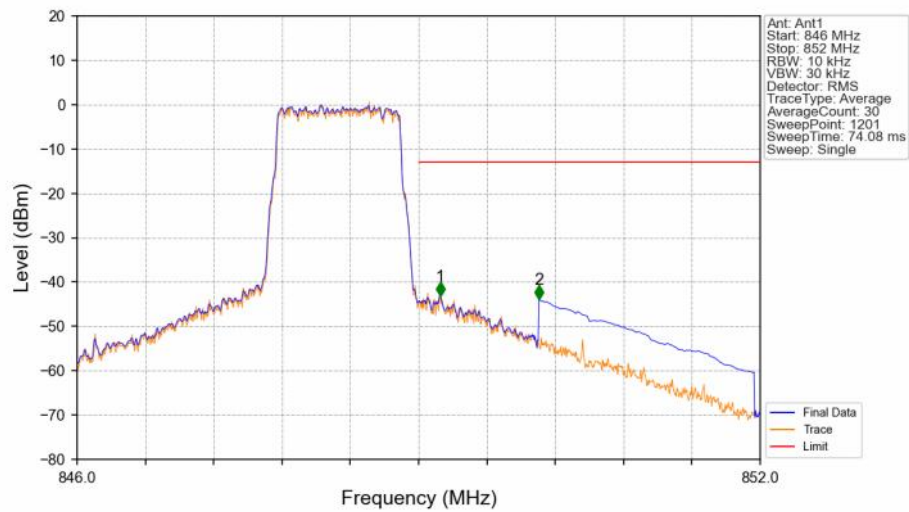


Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 5 NTNV



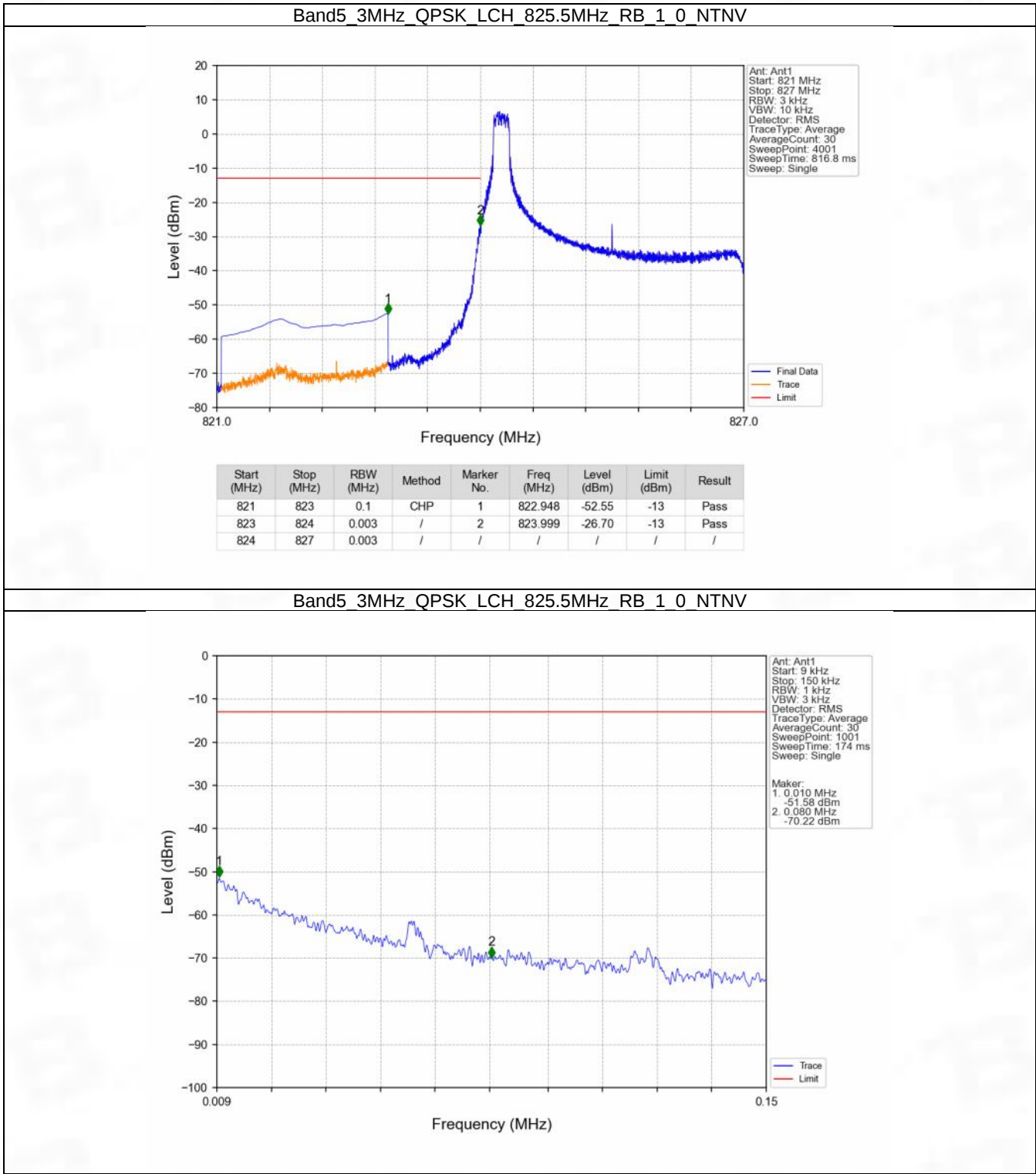
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-40.54	-13	Pass
850	852	0.1	CHP	2	850.052	-54.89	-13	Pass

Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV

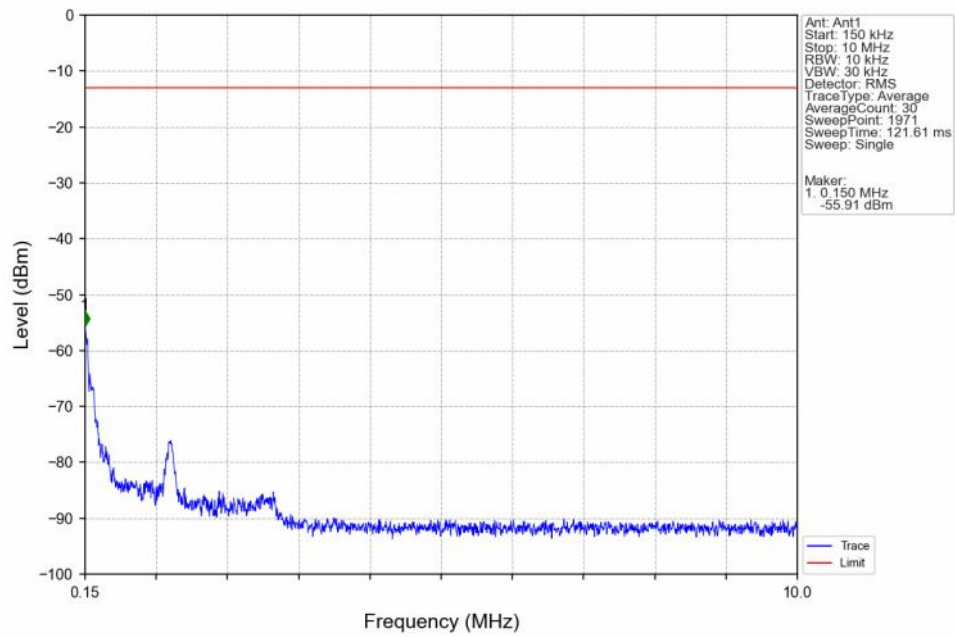


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.190	-43.17	-13	Pass
850	852	0.1	CHP	2	850.055	-43.93	-13	Pass

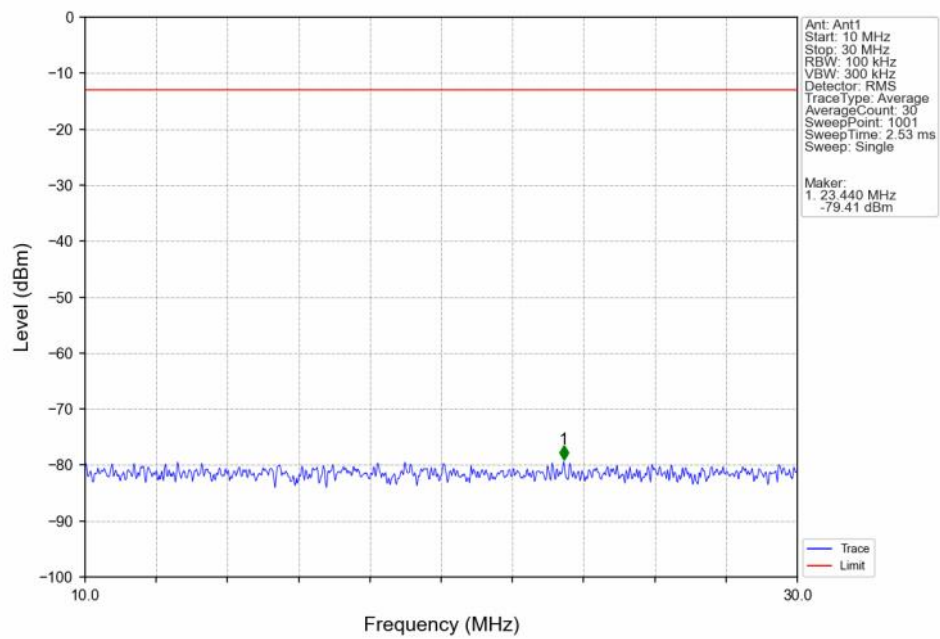
6.2.2 B5_3MHz



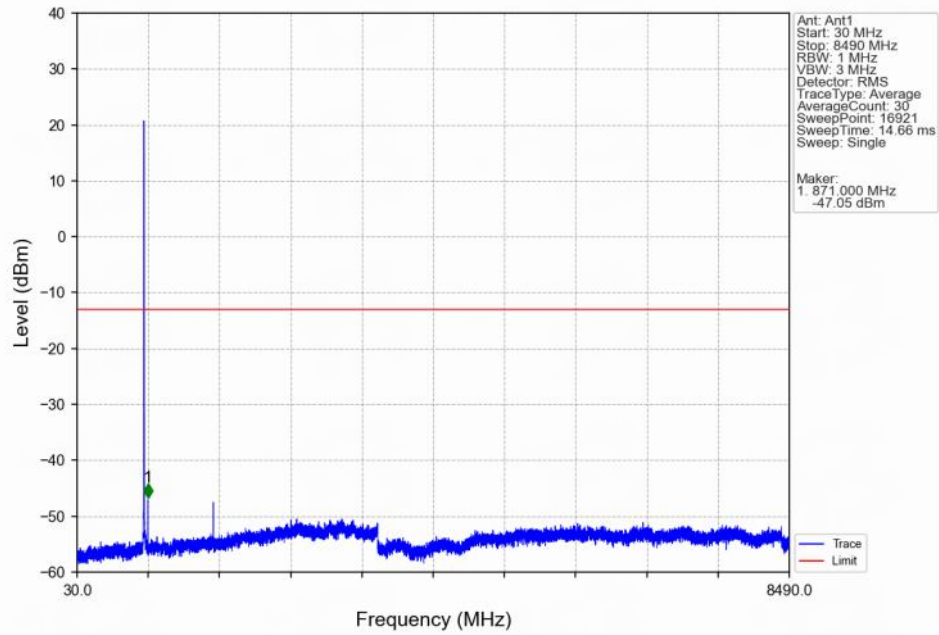
Band5 3MHz QPSK LCH 825.5MHz RB 1 0 NTN



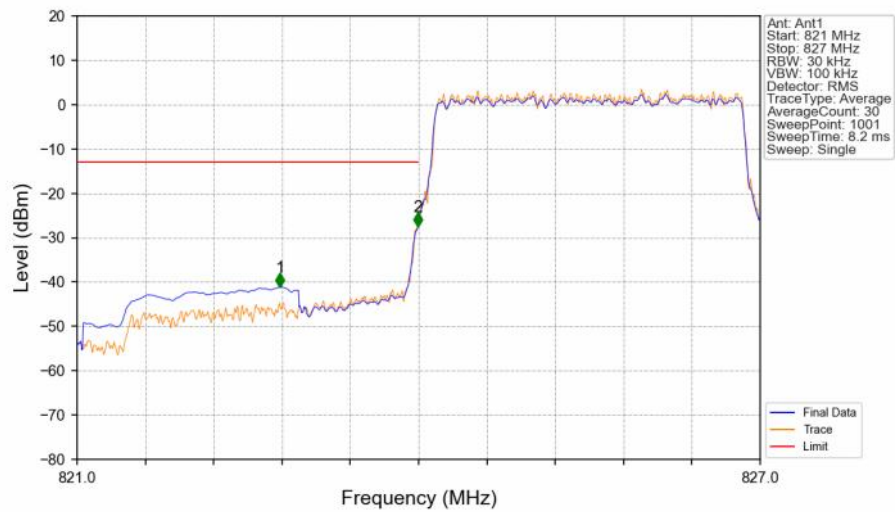
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTN



Band5 3MHz QPSK LCH 825.5MHz RB 1 0 NTNV

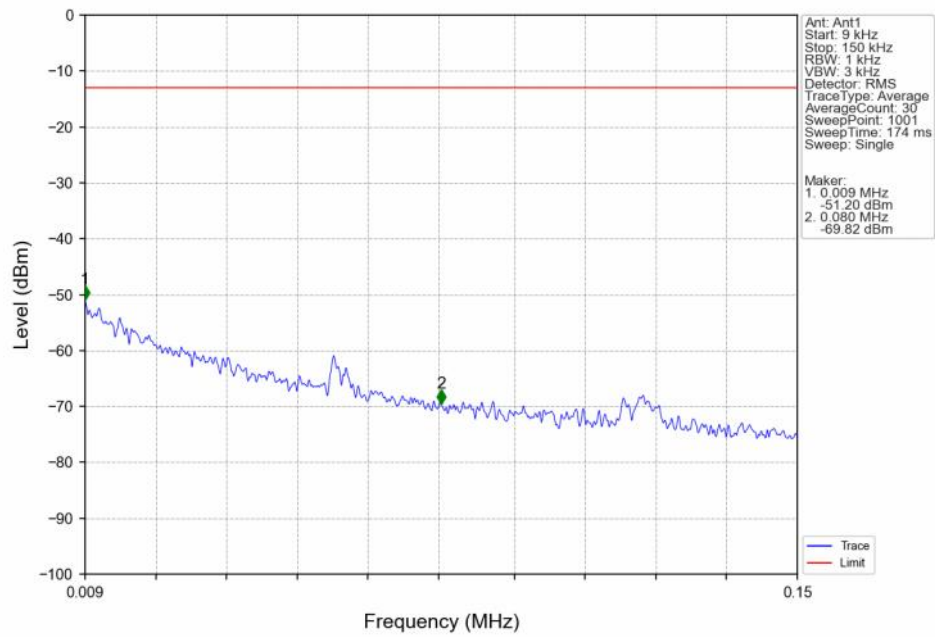


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

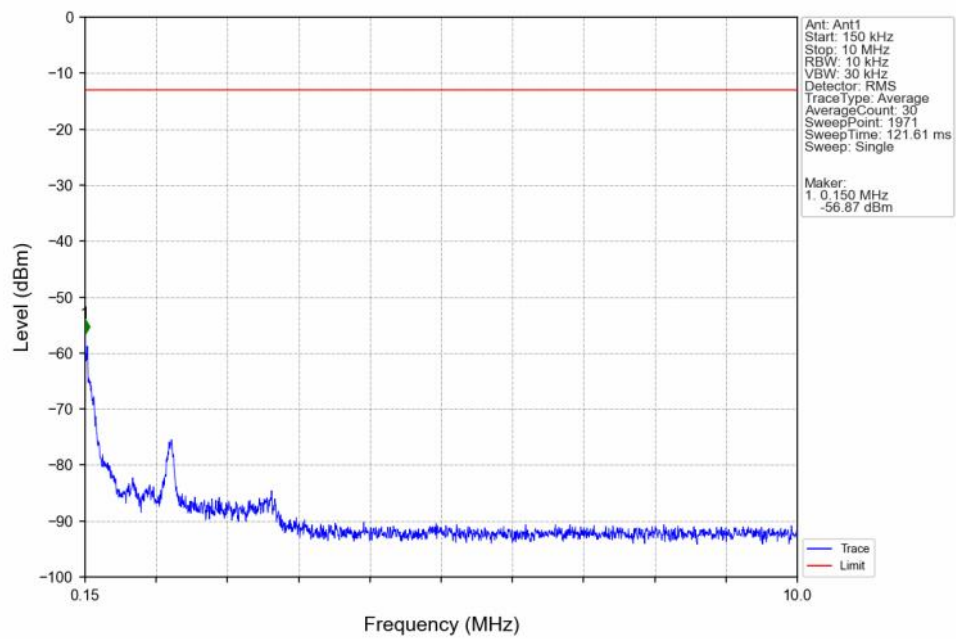


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.782	-41.11	-13	Pass
823	824	0.031	CHP	2	823.994	-27.51	-13	Pass
824	827	0.031	CHP	/	/	/	/	/

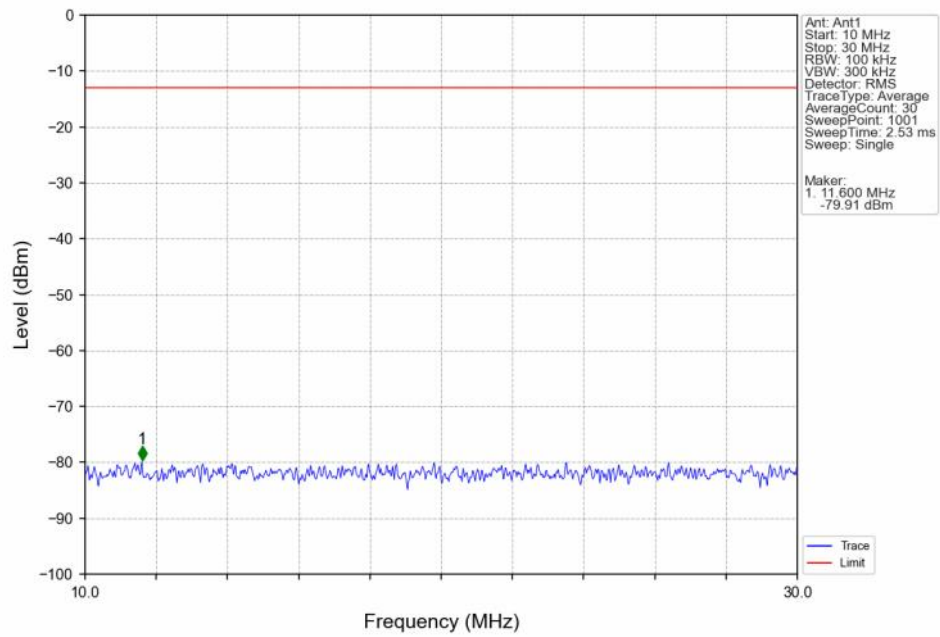
Band5 3MHz QPSK MCH 836.5MHz RB 1 0 NTNV



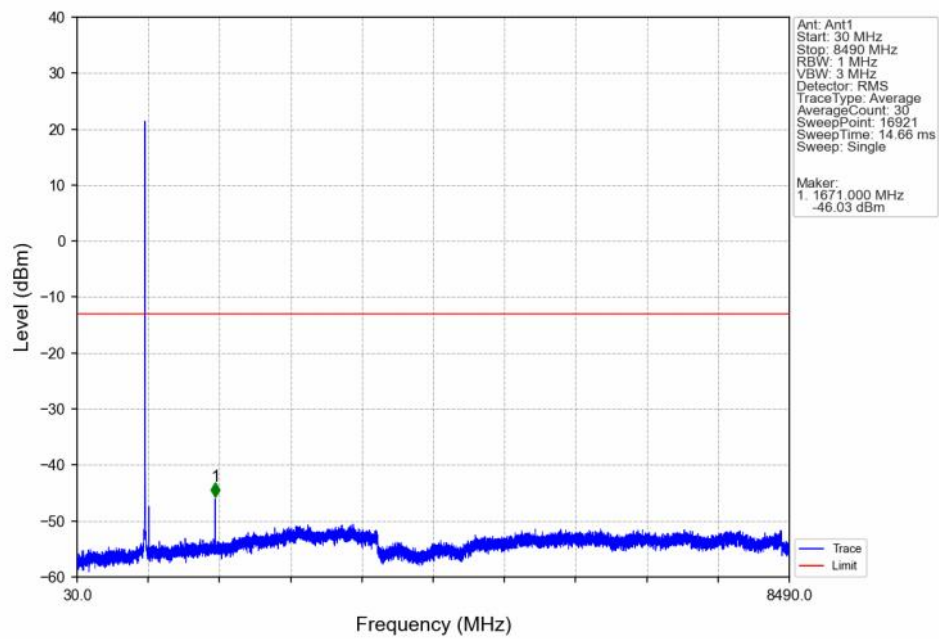
Band5 3MHz QPSK MCH 836.5MHz RB 1 0 NTNV



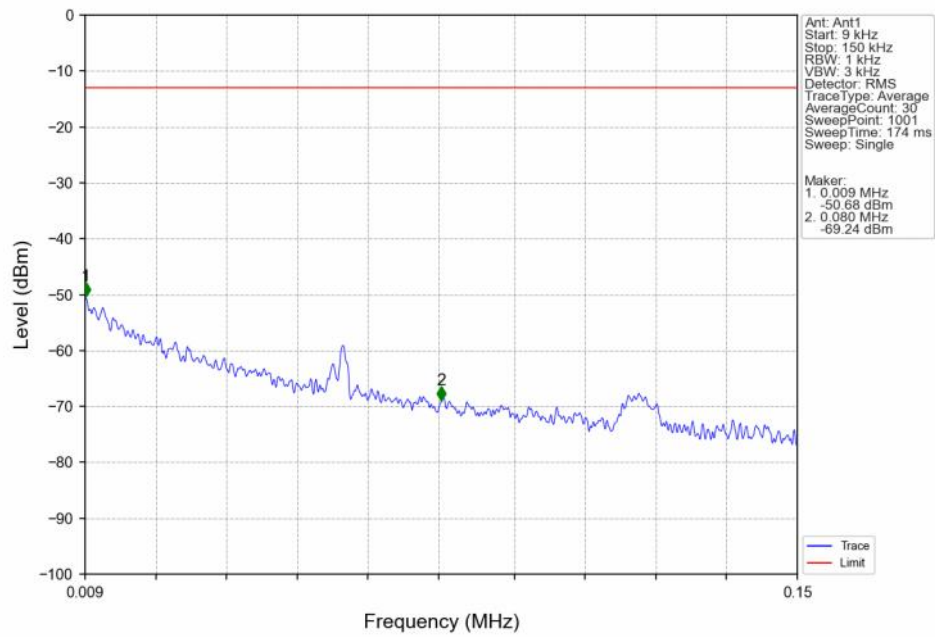
Band5 3MHz QPSK MCH 836.5MHz RB 1 0 NTNV



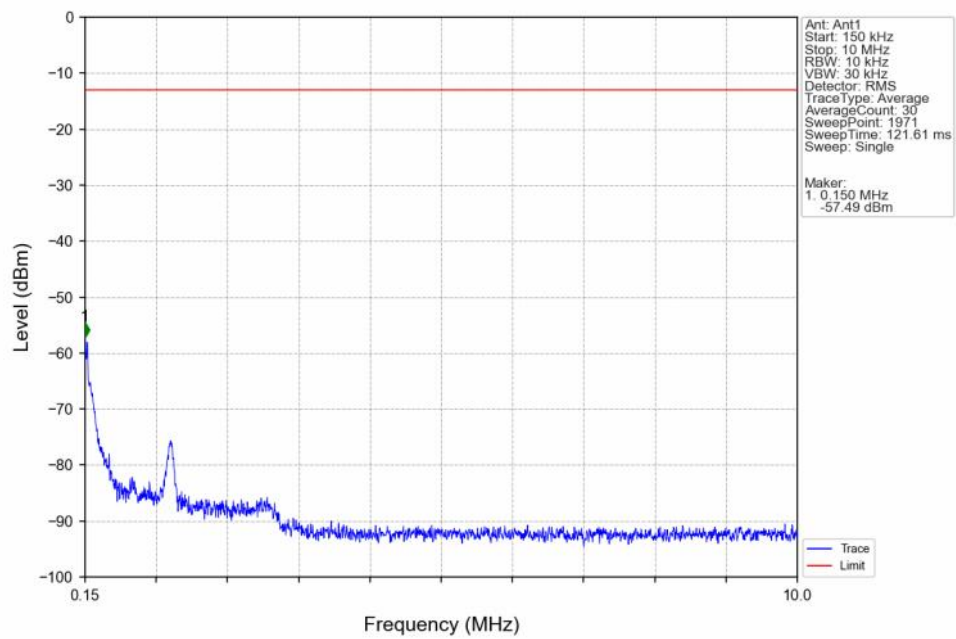
Band5 3MHz QPSK MCH 836.5MHz RB 1 0 NTNV



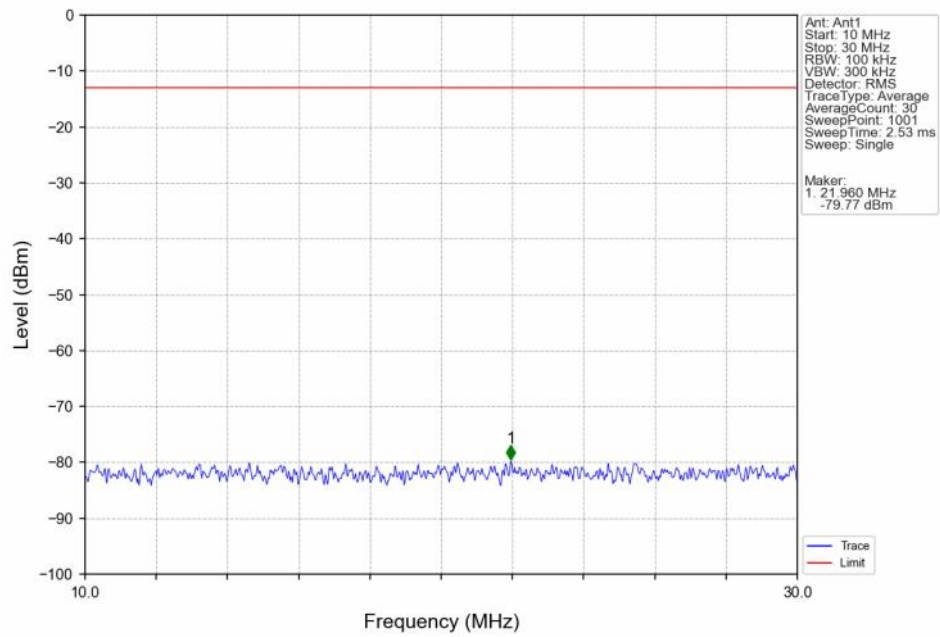
Band5 3MHz QPSK HCH 847.5MHz RB 1 0 NTNV



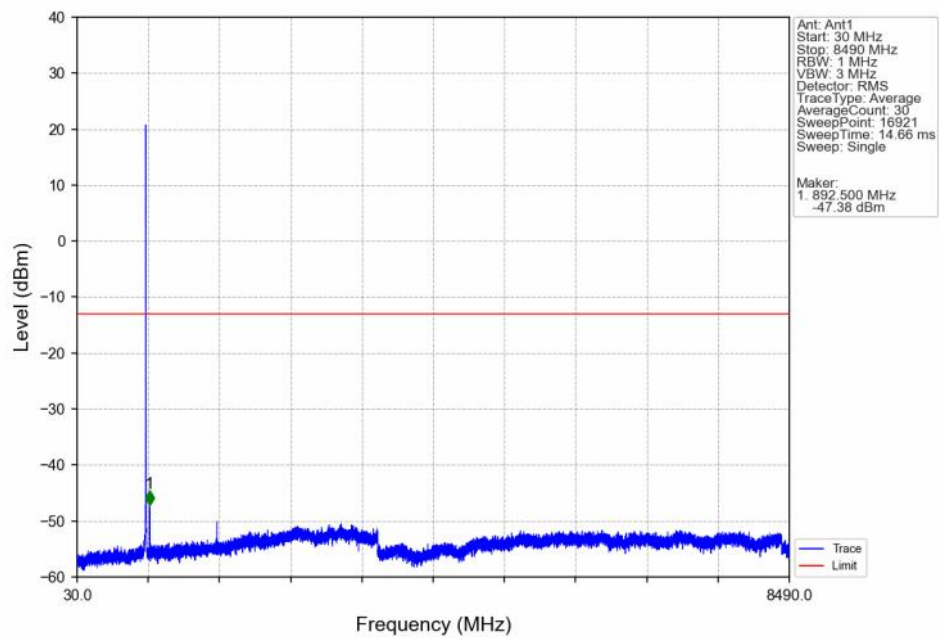
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



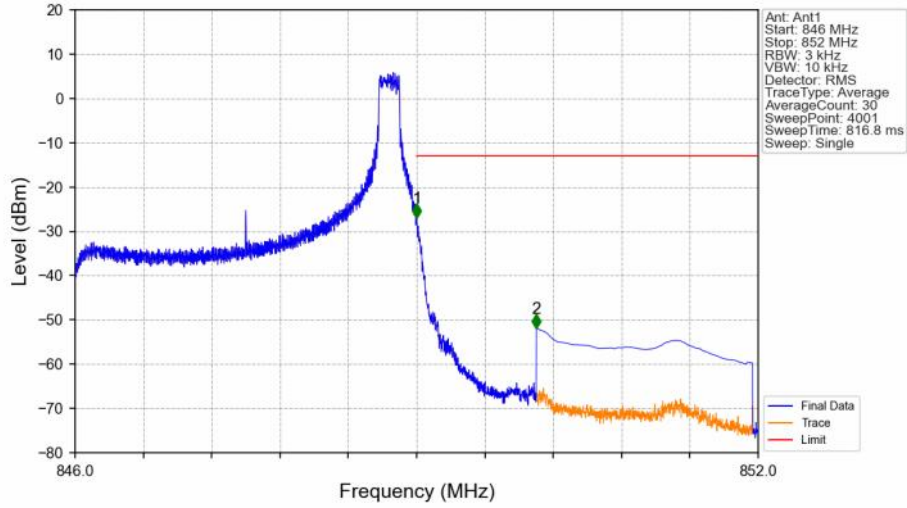
Band5 3MHz QPSK HCH 847.5MHz RB 1 0 NTNV



Band5 3MHz QPSK HCH 847.5MHz RB 1 0 NTNV

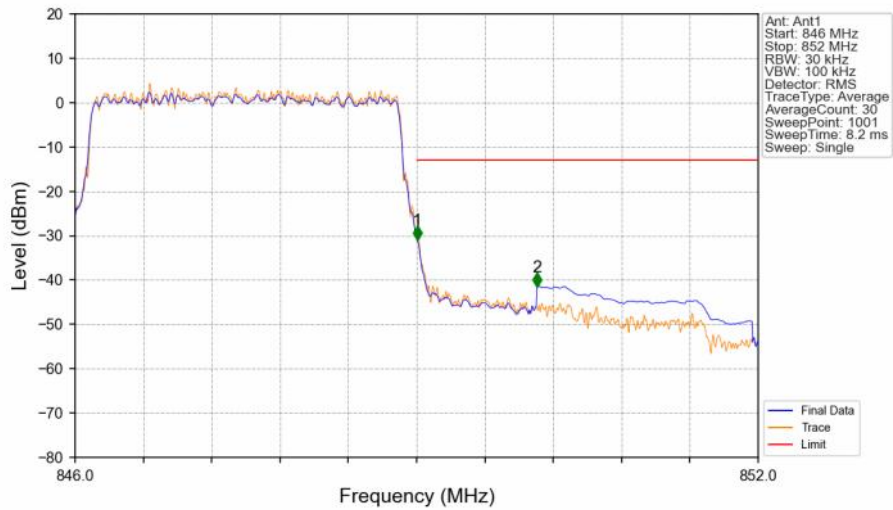


Band5 3MHz QPSK HCH 847.5MHz RB 1 14 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-27.01	-13	Pass
850	852	0.1	CHP	2	850.052	-51.86	-13	Pass

Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.031	CHP	/	/	/	/	/
849	850	0.031	CHP	1	849.006	-30.96	-13	Pass
850	852	0.1	CHP	2	850.056	-41.48	-13	Pass