

Appendix - LTE Band_5

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

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	22.51	-2.53	17.83	<=34.77	Pass
			2	22.60	-2.53	17.92	<=34.77	Pass
			5	22.48	-2.53	17.80	<=34.77	Pass
		3	0	22.53	-2.53	17.85	<=34.77	Pass
			2	22.59	-2.53	17.91	<=34.77	Pass
			3	22.57	-2.53	17.89	<=34.77	Pass
		6	0	21.49	-2.53	16.81	<=34.77	Pass
	836.5	1	0	22.46	-2.53	17.78	<=34.77	Pass
			2	22.55	-2.53	17.87	<=34.77	Pass
			5	22.46	-2.53	17.78	<=34.77	Pass
		3	0	22.56	-2.53	17.88	<=34.77	Pass
			2	22.61	-2.53	17.93	<=34.77	Pass
			3	22.56	-2.53	17.88	<=34.77	Pass
		6	0	21.53	-2.53	16.85	<=34.77	Pass
	848.3	1	0	22.38	-2.53	17.70	<=34.77	Pass
			2	22.44	-2.53	17.76	<=34.77	Pass
			5	22.34	-2.53	17.66	<=34.77	Pass
		3	0	22.52	-2.53	17.84	<=34.77	Pass
			2	22.51	-2.53	17.83	<=34.77	Pass
			3	22.49	-2.53	17.81	<=34.77	Pass
		6	0	21.46	-2.53	16.78	<=34.77	Pass
16QAM	824.7	1	0	21.48	-2.53	16.80	<=34.77	Pass
			2	21.58	-2.53	16.90	<=34.77	Pass
			5	21.56	-2.53	16.88	<=34.77	Pass
		3	0	21.68	-2.53	17.00	<=34.77	Pass
			2	21.61	-2.53	16.93	<=34.77	Pass
			3	21.62	-2.53	16.94	<=34.77	Pass
		6	0	20.44	-2.53	15.76	<=34.77	Pass
	836.5	1	0	21.60	-2.53	16.92	<=34.77	Pass
			2	21.77	-2.53	17.09	<=34.77	Pass
			5	21.62	-2.53	16.94	<=34.77	Pass
		3	0	21.57	-2.53	16.89	<=34.77	Pass
			2	21.51	-2.53	16.83	<=34.77	Pass
			3	21.55	-2.53	16.87	<=34.77	Pass
		6	0	20.52	-2.53	15.84	<=34.77	Pass
	848.3	1	0	21.39	-2.53	16.71	<=34.77	Pass
			2	21.47	-2.53	16.79	<=34.77	Pass
			5	21.37	-2.53	16.69	<=34.77	Pass
		3	0	21.65	-2.53	16.97	<=34.77	Pass
			2	21.70	-2.53	17.02	<=34.77	Pass
			3	21.67	-2.53	16.99	<=34.77	Pass
		6	0	20.45	-2.53	15.77	<=34.77	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	22.64	-2.53	17.96	<=34.77	Pass	
			7	22.74	-2.53	18.06	<=34.77	Pass	
			14	22.54	-2.53	17.86	<=34.77	Pass	
		8	0	21.55	-2.53	16.87	<=34.77	Pass	
			4	21.60	-2.53	16.92	<=34.77	Pass	
			7	21.54	-2.53	16.86	<=34.77	Pass	
		15	0	21.54	-2.53	16.86	<=34.77	Pass	
		836.5	1	0	22.51	-2.53	17.83	<=34.77	Pass
				7	22.67	-2.53	17.99	<=34.77	Pass
	14			22.52	-2.53	17.84	<=34.77	Pass	
	8		0	21.53	-2.53	16.85	<=34.77	Pass	
			4	21.61	-2.53	16.93	<=34.77	Pass	
			7	21.55	-2.53	16.87	<=34.77	Pass	
	15	0	21.57	-2.53	16.89	<=34.77	Pass		
	847.5	1	0	22.53	-2.53	17.85	<=34.77	Pass	
			7	22.65	-2.53	17.97	<=34.77	Pass	
			14	22.40	-2.53	17.72	<=34.77	Pass	
		8	0	21.52	-2.53	16.84	<=34.77	Pass	
			4	21.55	-2.53	16.87	<=34.77	Pass	
			7	21.49	-2.53	16.81	<=34.77	Pass	
		15	0	21.52	-2.53	16.84	<=34.77	Pass	
16QAM		825.5	1	0	21.58	-2.53	16.90	<=34.77	Pass
				7	21.75	-2.53	17.07	<=34.77	Pass
	14			21.51	-2.53	16.83	<=34.77	Pass	
	8		0	20.61	-2.53	15.93	<=34.77	Pass	
			4	20.70	-2.53	16.02	<=34.77	Pass	
			7	20.60	-2.53	15.92	<=34.77	Pass	
	15		0	20.62	-2.53	15.94	<=34.77	Pass	
	836.5		1	0	21.68	-2.53	17.00	<=34.77	Pass
				7	21.86	-2.53	17.18	<=34.77	Pass
		14		21.70	-2.53	17.02	<=34.77	Pass	
		8	0	20.54	-2.53	15.86	<=34.77	Pass	
			4	20.56	-2.53	15.88	<=34.77	Pass	
			7	20.55	-2.53	15.87	<=34.77	Pass	
	15	0	20.56	-2.53	15.88	<=34.77	Pass		
	847.5	1	0	22.02	-2.53	17.34	<=34.77	Pass	
			7	22.14	-2.53	17.46	<=34.77	Pass	
			14	21.96	-2.53	17.28	<=34.77	Pass	
		8	0	20.69	-2.53	16.01	<=34.77	Pass	
			4	20.72	-2.53	16.04	<=34.77	Pass	
			7	20.67	-2.53	15.99	<=34.77	Pass	
		15	0	20.59	-2.53	15.91	<=34.77	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	22.46	-2.53	17.78	<=34.77	Pass
			13	22.58	-2.53	17.90	<=34.77	Pass
			24	22.44	-2.53	17.76	<=34.77	Pass
		12	0	21.55	-2.53	16.87	<=34.77	Pass
			6	21.56	-2.53	16.88	<=34.77	Pass
			13	21.46	-2.53	16.78	<=34.77	Pass

16QAM	836.5	25	0	21.49	-2.53	16.81	<=34.77	Pass
			0	22.41	-2.53	17.73	<=34.77	Pass
		1	13	22.58	-2.53	17.90	<=34.77	Pass
			24	22.42	-2.53	17.74	<=34.77	Pass
		12	0	21.56	-2.53	16.88	<=34.77	Pass
			6	21.57	-2.53	16.89	<=34.77	Pass
			13	21.55	-2.53	16.87	<=34.77	Pass
		25	0	21.56	-2.53	16.88	<=34.77	Pass
	846.5	1	0	22.41	-2.53	17.73	<=34.77	Pass
			13	22.54	-2.53	17.86	<=34.77	Pass
			24	22.38	-2.53	17.70	<=34.77	Pass
		12	0	21.50	-2.53	16.82	<=34.77	Pass
			6	21.57	-2.53	16.89	<=34.77	Pass
			13	21.41	-2.53	16.73	<=34.77	Pass
		25	0	21.46	-2.53	16.78	<=34.77	Pass
	826.5	1	0	21.55	-2.53	16.87	<=34.77	Pass
			13	21.66	-2.53	16.98	<=34.77	Pass
			24	21.49	-2.53	16.81	<=34.77	Pass
		12	0	20.48	-2.53	15.80	<=34.77	Pass
			6	20.57	-2.53	15.89	<=34.77	Pass
			13	20.48	-2.53	15.80	<=34.77	Pass
		25	0	20.54	-2.53	15.86	<=34.77	Pass
	836.5	1	0	21.67	-2.53	16.99	<=34.77	Pass
			13	21.83	-2.53	17.15	<=34.77	Pass
			24	21.70	-2.53	17.02	<=34.77	Pass
		12	0	20.58	-2.53	15.90	<=34.77	Pass
			6	20.63	-2.53	15.95	<=34.77	Pass
			13	20.60	-2.53	15.92	<=34.77	Pass
		25	0	20.57	-2.53	15.89	<=34.77	Pass
	846.5	1	0	21.26	-2.53	16.58	<=34.77	Pass
			13	21.35	-2.53	16.67	<=34.77	Pass
			24	21.23	-2.53	16.55	<=34.77	Pass
		12	0	20.51	-2.53	15.83	<=34.77	Pass
			6	20.57	-2.53	15.89	<=34.77	Pass
			13	20.40	-2.53	15.72	<=34.77	Pass
		25	0	20.53	-2.53	15.85	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	22.55	-2.53	17.87	<=34.77	Pass
			25	22.74	-2.53	18.06	<=34.77	Pass
			49	22.56	-2.53	17.88	<=34.77	Pass
		25	0	21.52	-2.53	16.84	<=34.77	Pass
			13	21.50	-2.53	16.82	<=34.77	Pass
			25	21.44	-2.53	16.76	<=34.77	Pass
		50	0	21.50	-2.53	16.82	<=34.77	Pass
	836.5	1	0	22.51	-2.53	17.83	<=34.77	Pass
			25	22.69	-2.53	18.01	<=34.77	Pass
			49	22.50	-2.53	17.82	<=34.77	Pass
		25	0	21.61	-2.53	16.93	<=34.77	Pass
			13	21.59	-2.53	16.91	<=34.77	Pass
			25	21.61	-2.53	16.93	<=34.77	Pass
		50	0	21.61	-2.53	16.93	<=34.77	Pass
	844	1	0	22.51	-2.53	17.83	<=34.77	Pass

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		25	25	22.67	-2.53	17.99	<=34.77	Pass		
			49	22.46	-2.53	17.78	<=34.77	Pass		
			0	21.59	-2.53	16.91	<=34.77	Pass		
			13	21.52	-2.53	16.84	<=34.77	Pass		
			25	21.40	-2.53	16.72	<=34.77	Pass		
		50	0	21.51	-2.53	16.83	<=34.77	Pass		
		16QAM	829	1	0	21.54	-2.53	16.86	<=34.77	Pass
					25	21.66	-2.53	16.98	<=34.77	Pass
					49	21.50	-2.53	16.82	<=34.77	Pass
25	0			20.65	-2.53	15.97	<=34.77	Pass		
	13			20.61	-2.53	15.93	<=34.77	Pass		
	25			20.56	-2.53	15.88	<=34.77	Pass		
50	0			20.54	-2.53	15.86	<=34.77	Pass		
836.5	1			0	21.66	-2.53	16.98	<=34.77	Pass	
				25	21.86	-2.53	17.18	<=34.77	Pass	
		49	21.67	-2.53	16.99	<=34.77	Pass			
	25	0	20.67	-2.53	15.99	<=34.77	Pass			
		13	20.65	-2.53	15.97	<=34.77	Pass			
		25	20.66	-2.53	15.98	<=34.77	Pass			
	50	0	20.63	-2.53	15.95	<=34.77	Pass			
	844	1	0	22.04	-2.53	17.36	<=34.77	Pass		
			25	22.16	-2.53	17.48	<=34.77	Pass		
49			22.00	-2.53	17.32	<=34.77	Pass			
25		0	20.68	-2.53	16.00	<=34.77	Pass			
		13	20.61	-2.53	15.93	<=34.77	Pass			
		25	20.51	-2.53	15.83	<=34.77	Pass			
50		0	20.56	-2.53	15.88	<=34.77	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	-1.788	-0.0022	-2.5 to 2.5	Pass
					3.85	-3.791	-0.0046	-2.5 to 2.5	Pass
					4.43	-3.061	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-6.766	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-5.507	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	-6.351	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-7.796	-0.0095	-2.5 to 2.5	Pass
				10	3.85	-3.819	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-6.022	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-15.678	-0.0190	-2.5 to 2.5	Pass
				50	3.85	-8.297	-0.0101	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-5.965	-0.0071	-2.5 to 2.5	Pass
					3.85	-6.409	-0.0077	-2.5 to 2.5	Pass
					4.43	-3.805	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-8.183	-0.0098	-2.5 to 2.5	Pass
				-20	3.85	-7.238	-0.0087	-2.5 to 2.5	Pass
				-10	3.85	0.157	0.0002	-2.5 to 2.5	Pass
				0	3.85	-3.233	-0.0039	-2.5 to 2.5	Pass

	848.3	6	0	10	3.85	-4.163	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-4.621	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-5.493	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-3.304	-0.0039	-2.5 to 2.5	Pass
				20	3.27	-7.868	-0.0093	-2.5 to 2.5	Pass
					3.85	-4.420	-0.0052	-2.5 to 2.5	Pass
					4.43	-1.788	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-6.537	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-4.764	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-4.034	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-7.224	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-6.251	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-5.651	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-7.725	-0.0091	-2.5 to 2.5	Pass
				50	3.85	-9.413	-0.0111	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-4.535	-0.0055	-2.5 to 2.5	Pass
					3.85	-6.022	-0.0073	-2.5 to 2.5	Pass
					4.43	-9.184	-0.0111	-2.5 to 2.5	Pass
				-30	3.85	-5.250	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-5.665	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-7.768	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-6.623	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-3.719	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-1.516	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-6.895	-0.0084	-2.5 to 2.5	Pass
	836.5	6	0	50	3.85	-5.651	-0.0069	-2.5 to 2.5	Pass
				20	3.27	-8.698	-0.0104	-2.5 to 2.5	Pass
					3.85	-4.978	-0.0060	-2.5 to 2.5	Pass
					4.43	-6.194	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-5.779	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-6.366	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-8.268	-0.0099	-2.5 to 2.5	Pass
				0	3.85	-5.422	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-10.457	-0.0125	-2.5 to 2.5	Pass
				30	3.85	-9.513	-0.0114	-2.5 to 2.5	Pass
	848.3	6	0	40	3.85	-5.393	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-4.234	-0.0051	-2.5 to 2.5	Pass
				20	3.27	0.100	0.0001	-2.5 to 2.5	Pass
					3.85	-6.595	-0.0078	-2.5 to 2.5	Pass
					4.43	-6.881	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	-7.567	-0.0089	-2.5 to 2.5	Pass
				-20	3.85	-9.012	-0.0106	-2.5 to 2.5	Pass
				-10	3.85	-7.610	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-9.599	-0.0113	-2.5 to 2.5	Pass
				10	3.85	-2.532	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-4.435	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-2.103	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-9.642	-0.0114	-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	-5.279	-0.0064	-2.5 to 2.5	Pass
					3.85	-1.316	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.518	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	2.818	0.0034	-2.5 to 2.5	Pass

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				-20	3.85	-2.789	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-5.507	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-3.004	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-5.536	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-5.493	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-4.048	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-4.692	-0.0057	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-8.240	-0.0099	-2.5 to 2.5	Pass
					3.85	-3.605	-0.0043	-2.5 to 2.5	Pass
					4.43	-6.638	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-7.582	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-6.781	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-2.346	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-6.309	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-2.990	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-5.579	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-5.708	-0.0068	-2.5 to 2.5	Pass
				50	3.85	-4.063	-0.0049	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-10.285	-0.0121	-2.5 to 2.5	Pass
					3.85	-4.349	-0.0051	-2.5 to 2.5	Pass
					4.43	-3.877	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-4.392	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-7.567	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-3.576	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-4.249	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-7.653	-0.0090	-2.5 to 2.5	Pass
				30	3.85	-4.492	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-3.819	-0.0045	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-3.533	-0.0043	-2.5 to 2.5	Pass
					3.85	-10.014	-0.0121	-2.5 to 2.5	Pass
					4.43	-4.892	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-9.770	-0.0118	-2.5 to 2.5	Pass
				-20	3.85	-11.816	-0.0143	-2.5 to 2.5	Pass
				-10	3.85	-7.668	-0.0093	-2.5 to 2.5	Pass
				0	3.85	-7.210	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-6.051	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-3.905	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-10.185	-0.0123	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-7.811	-0.0093	-2.5 to 2.5	Pass
					3.85	-5.193	-0.0062	-2.5 to 2.5	Pass
					4.43	-7.467	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-8.712	-0.0104	-2.5 to 2.5	Pass
				-20	3.85	-10.471	-0.0125	-2.5 to 2.5	Pass
				-10	3.85	-0.558	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-7.138	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-2.990	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-5.636	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-1.817	-0.0022	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-1.202	-0.0014	-2.5 to 2.5	Pass
					3.85	-3.633	-0.0043	-2.5 to 2.5	Pass
					4.43	-6.752	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-9.456	-0.0112	-2.5 to 2.5	Pass
				-20	3.85	-10.271	-0.0121	-2.5 to 2.5	Pass
				-10	3.85	-5.465	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-8.411	-0.0099	-2.5 to 2.5	Pass
				10	3.85	-9.155	-0.0108	-2.5 to 2.5	Pass

				30	3.85	-3.791	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-6.495	-0.0077	-2.5 to 2.5	Pass
				50	3.85	-4.191	-0.0049	-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	-6.838	-0.0083	-2.5 to 2.5	Pass
					3.85	-4.878	-0.0059	-2.5 to 2.5	Pass
					4.43	-4.206	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-4.992	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-9.356	-0.0113	-2.5 to 2.5	Pass
				-10	3.85	-4.807	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-6.251	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-5.193	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-3.605	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-6.738	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-4.506	-0.0055	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-10.357	-0.0124	-2.5 to 2.5	Pass
					3.85	-7.439	-0.0089	-2.5 to 2.5	Pass
					4.43	-5.922	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-4.435	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-7.138	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-7.553	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-8.454	-0.0101	-2.5 to 2.5	Pass
				10	3.85	-6.952	-0.0083	-2.5 to 2.5	Pass
				30	3.85	-5.879	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-4.277	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-7.668	-0.0092	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-9.899	-0.0117	-2.5 to 2.5	Pass
					3.85	-5.178	-0.0061	-2.5 to 2.5	Pass
					4.43	-6.495	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	-7.954	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-2.861	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-13.247	-0.0156	-2.5 to 2.5	Pass
				0	3.85	-8.526	-0.0101	-2.5 to 2.5	Pass
				10	3.85	-9.627	-0.0114	-2.5 to 2.5	Pass
				30	3.85	-5.836	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-7.224	-0.0085	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-1.016	-0.0012	-2.5 to 2.5	Pass
					3.85	-6.924	-0.0084	-2.5 to 2.5	Pass
					4.43	-6.208	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-5.651	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-7.138	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-3.805	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-5.579	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-0.887	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-6.652	-0.0080	-2.5 to 2.5	Pass
				40	3.85	-7.882	-0.0095	-2.5 to 2.5	Pass
				50	3.85	-6.266	-0.0076	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-6.680	-0.0080	-2.5 to 2.5	Pass
					3.85	-6.137	-0.0073	-2.5 to 2.5	Pass
					4.43	-7.396	-0.0088	-2.5 to 2.5	Pass
				-30	3.85	-9.398	-0.0112	-2.5 to 2.5	Pass
				-20	3.85	-5.379	-0.0064	-2.5 to 2.5	Pass

				-10	3.85	-4.435	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-7.238	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-7.682	-0.0092	-2.5 to 2.5	Pass
				30	3.85	-4.363	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-8.368	-0.0100	-2.5 to 2.5	Pass
				50	3.85	-10.672	-0.0128	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-7.081	-0.0084	-2.5 to 2.5	Pass
					3.85	-8.011	-0.0095	-2.5 to 2.5	Pass
					4.43	-9.055	-0.0107	-2.5 to 2.5	Pass
				-30	3.85	-6.194	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-3.805	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-4.005	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-7.067	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-1.073	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-9.069	-0.0107	-2.5 to 2.5	Pass
				40	3.85	-8.669	-0.0102	-2.5 to 2.5	Pass
				50	3.85	-2.990	-0.0035	-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	-7.610	-0.0092	-2.5 to 2.5	Pass
					3.85	-4.706	-0.0057	-2.5 to 2.5	Pass
					4.43	-5.908	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-4.692	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-6.680	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-5.136	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-4.807	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-7.925	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-4.349	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-4.091	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-6.309	-0.0076	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-5.493	-0.0066	-2.5 to 2.5	Pass
					3.85	-5.350	-0.0064	-2.5 to 2.5	Pass
					4.43	-7.396	-0.0088	-2.5 to 2.5	Pass
				-30	3.85	-7.095	-0.0085	-2.5 to 2.5	Pass
				-20	3.85	-6.337	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-8.512	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-4.492	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-10.386	-0.0124	-2.5 to 2.5	Pass
				30	3.85	-5.093	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-5.965	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-4.106	-0.0049	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-7.610	-0.0090	-2.5 to 2.5	Pass
					3.85	-8.111	-0.0096	-2.5 to 2.5	Pass
					4.43	-6.080	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-5.651	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-6.738	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-3.233	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-6.967	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-3.362	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-6.881	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-5.908	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-10.357	-0.0123	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-8.225	-0.0099	-2.5 to 2.5	Pass
					3.85	-7.854	-0.0095	-2.5 to 2.5	Pass

					4.43	-6.695	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	-5.994	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-9.470	-0.0114	-2.5 to 2.5	Pass
				-10	3.85	-3.505	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-10.428	-0.0126	-2.5 to 2.5	Pass
				10	3.85	-5.007	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-4.249	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-5.965	-0.0072	-2.5 to 2.5	Pass
				50	3.85	-10.443	-0.0126	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-7.124	-0.0085	-2.5 to 2.5	Pass
					3.85	-12.717	-0.0152	-2.5 to 2.5	Pass
					4.43	-8.039	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-8.912	-0.0107	-2.5 to 2.5	Pass
				-20	3.85	-9.456	-0.0113	-2.5 to 2.5	Pass
				-10	3.85	-6.380	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-5.322	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-8.383	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-10.414	-0.0124	-2.5 to 2.5	Pass
				40	3.85	-8.969	-0.0107	-2.5 to 2.5	Pass
				50	3.85	-7.339	-0.0088	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-5.636	-0.0067	-2.5 to 2.5	Pass
					3.85	-8.941	-0.0106	-2.5 to 2.5	Pass
					4.43	-6.251	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-11.029	-0.0131	-2.5 to 2.5	Pass
				-20	3.85	-6.151	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-2.618	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-1.974	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-4.621	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-7.811	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-7.911	-0.0094	-2.5 to 2.5	Pass
				50	3.85	-9.842	-0.0117	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

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 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTV						
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

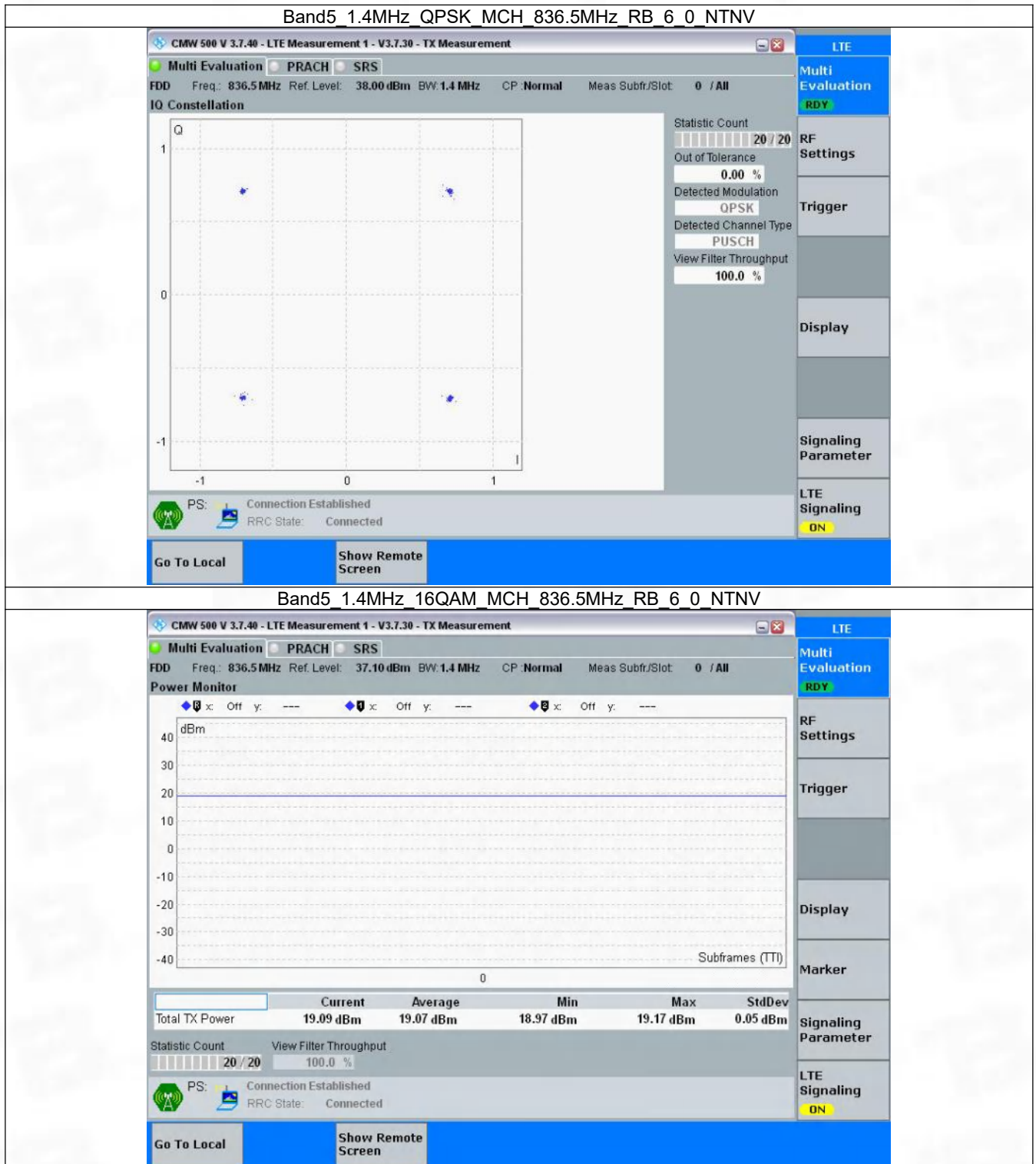
Band: 5 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

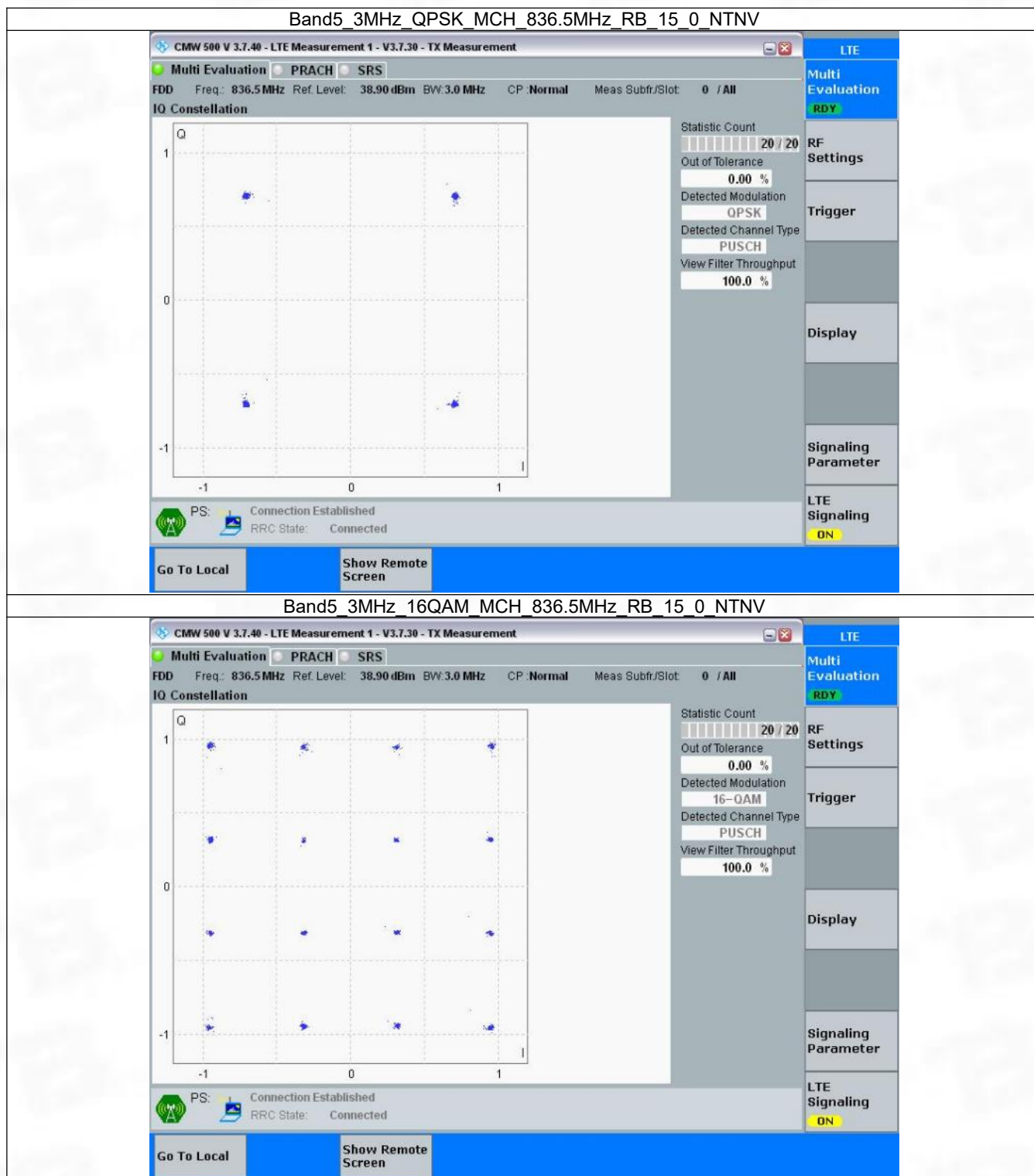
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

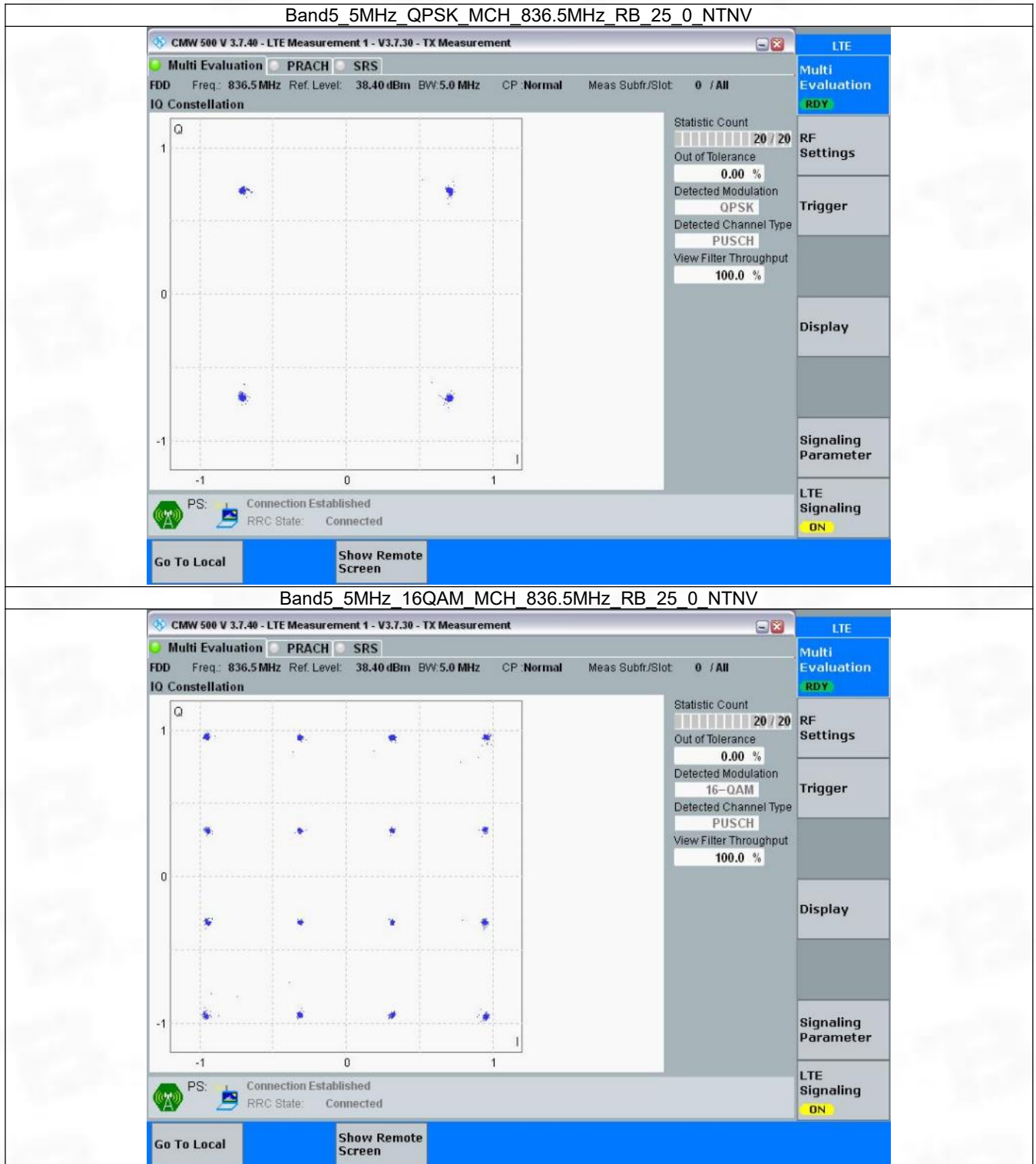
3.2.1 B5_1.4MHz



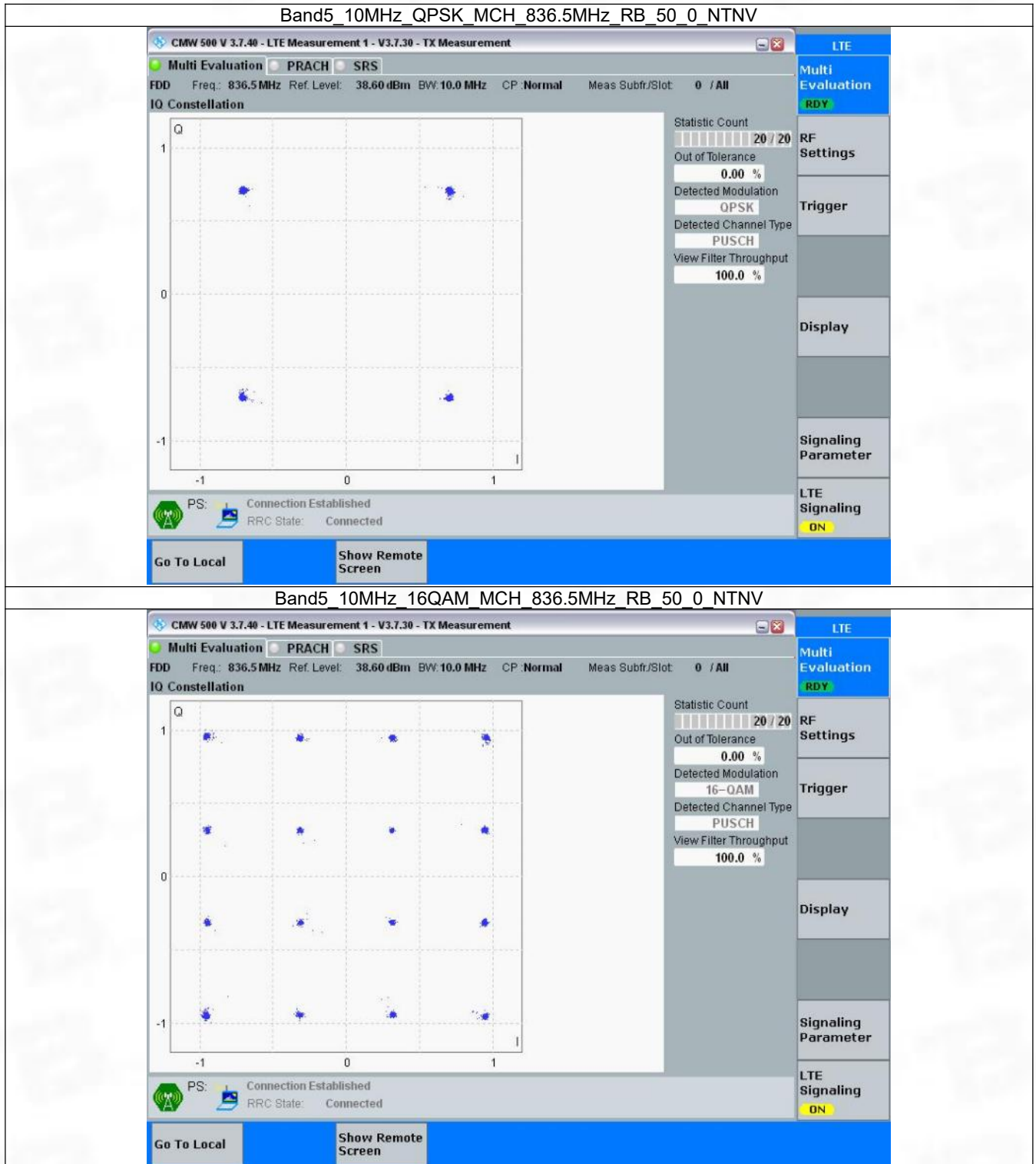
3.2.2 B5_3MHz



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 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.106	/	Pass
		836.5	6	0	1.100	/	Pass
		848.3	6	0	1.120	/	Pass
	16QAM	824.7	6	0	1.104	/	Pass
		836.5	6	0	1.111	/	Pass
		848.3	6	0	1.113	/	Pass
3	QPSK	825.5	15	0	2.734	/	Pass
		836.5	15	0	2.728	/	Pass
		847.5	15	0	2.726	/	Pass
	16QAM	825.5	15	0	2.728	/	Pass
		836.5	15	0	2.719	/	Pass
		847.5	15	0	2.722	/	Pass
5	QPSK	826.5	25	0	4.534	/	Pass
		836.5	25	0	4.543	/	Pass
		846.5	25	0	4.552	/	Pass
	16QAM	826.5	25	0	4.538	/	Pass
		836.5	25	0	4.553	/	Pass
		846.5	25	0	4.527	/	Pass
10	QPSK	829	50	0	9.041	/	Pass
		836.5	50	0	9.043	/	Pass
		844	50	0	9.057	/	Pass
	16QAM	829	50	0	9.039	/	Pass
		836.5	50	0	9.060	/	Pass
		844	50	0	9.063	/	Pass

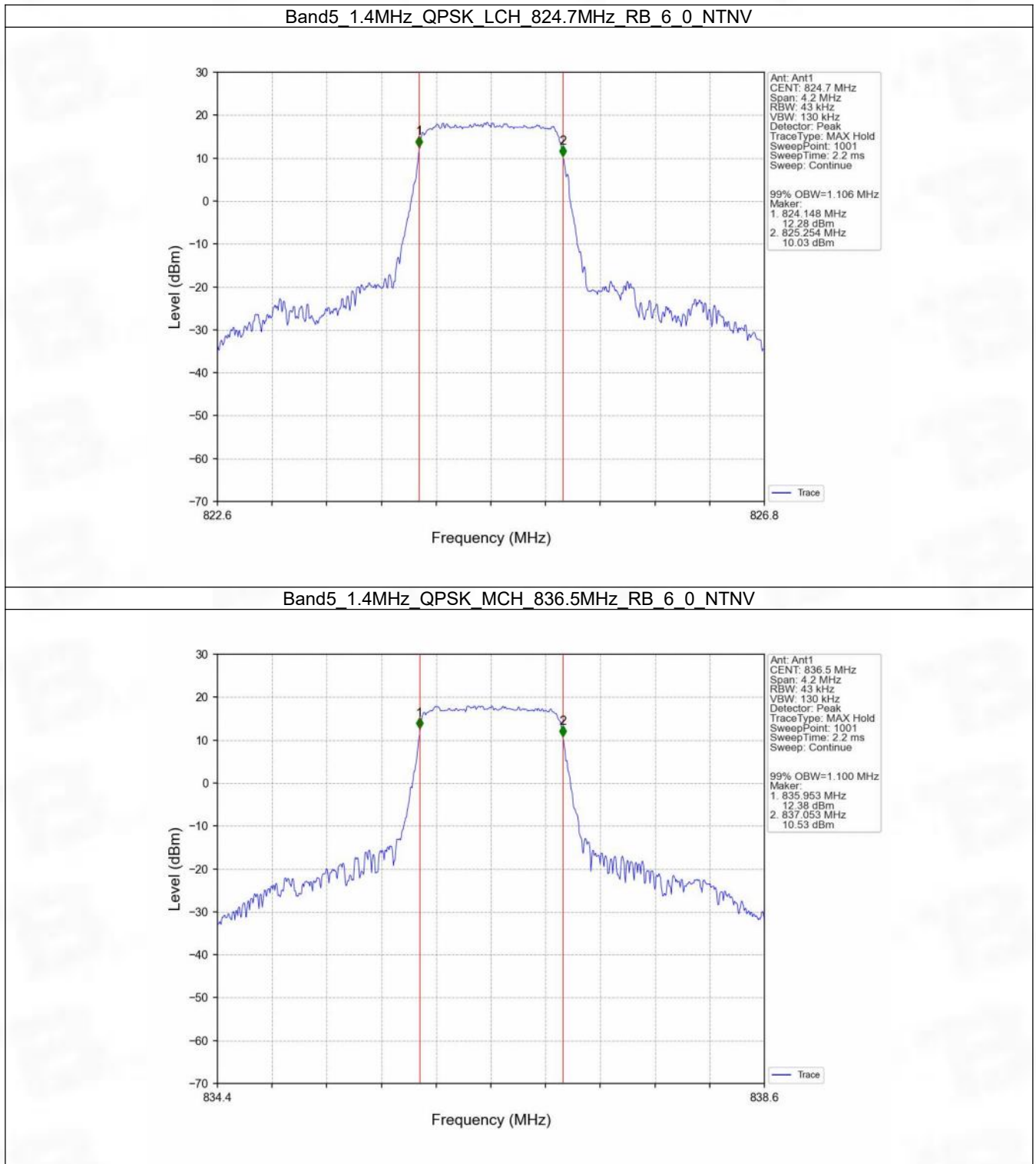
4.1.2 Band5_XDB

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.316	/	Pass
		836.5	6	0	1.320	/	Pass
		848.3	6	0	1.311	/	Pass
	16QAM	824.7	6	0	1.304	/	Pass
		836.5	6	0	1.329	/	Pass
		848.3	6	0	1.319	/	Pass
3	QPSK	825.5	15	0	3.003	/	Pass
		836.5	15	0	2.992	/	Pass
		847.5	15	0	2.991	/	Pass
	16QAM	825.5	15	0	3.005	/	Pass
		836.5	15	0	3.000	/	Pass
		847.5	15	0	2.978	/	Pass
5	QPSK	826.5	25	0	5.069	/	Pass
		836.5	25	0	5.047	/	Pass
		846.5	25	0	4.979	/	Pass

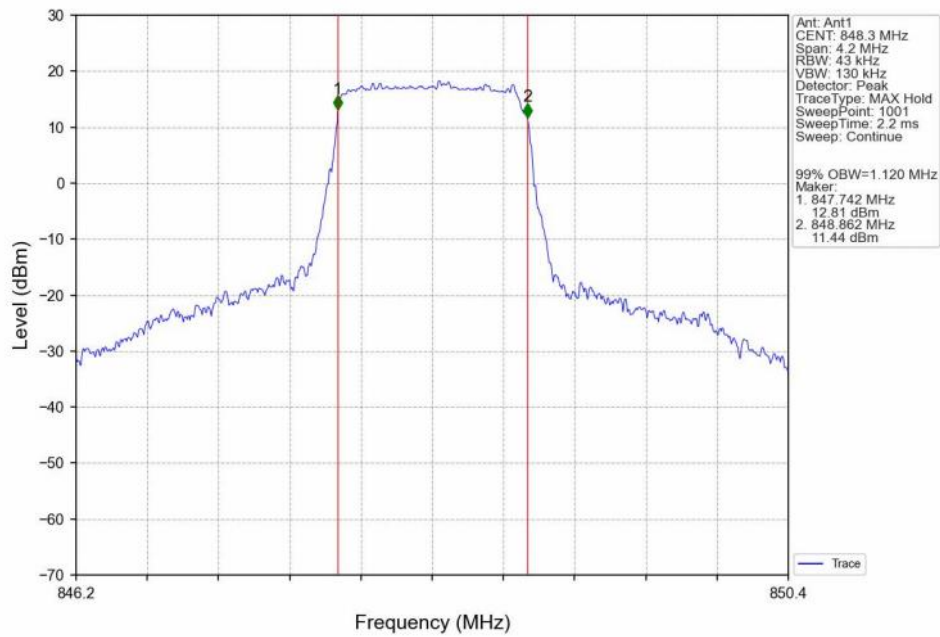
	16QAM	826.5	25	0	5.046	/	Pass
		836.5	25	0	4.993	/	Pass
		846.5	25	0	4.989	/	Pass
10	QPSK	829	50	0	9.927	/	Pass
		836.5	50	0	9.951	/	Pass
		844	50	0	9.934	/	Pass
	16QAM	829	50	0	9.993	/	Pass
		836.5	50	0	9.866	/	Pass
		844	50	0	9.948	/	Pass

4.2 Test Graph

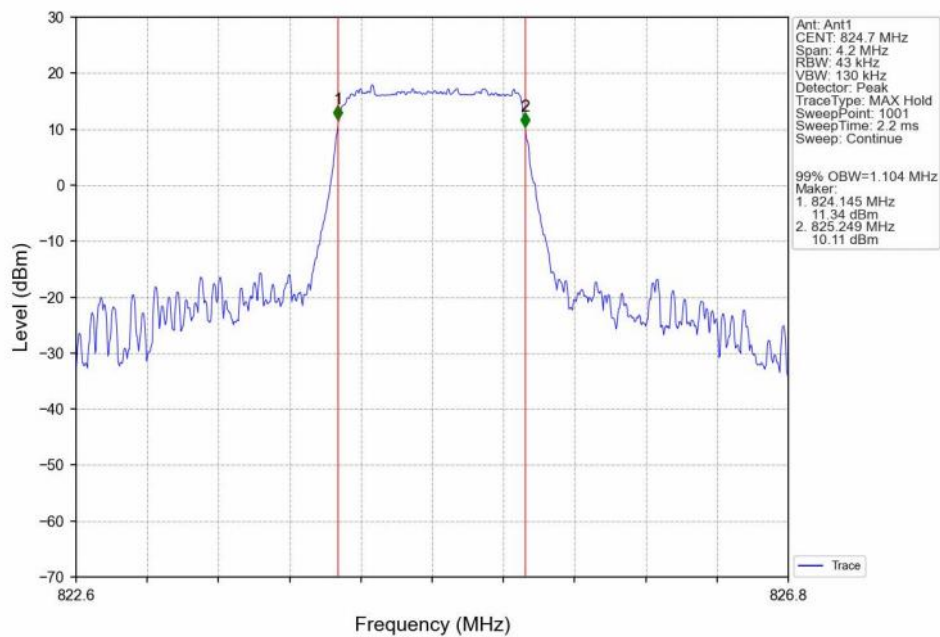
4.2.1 Band5_OBW



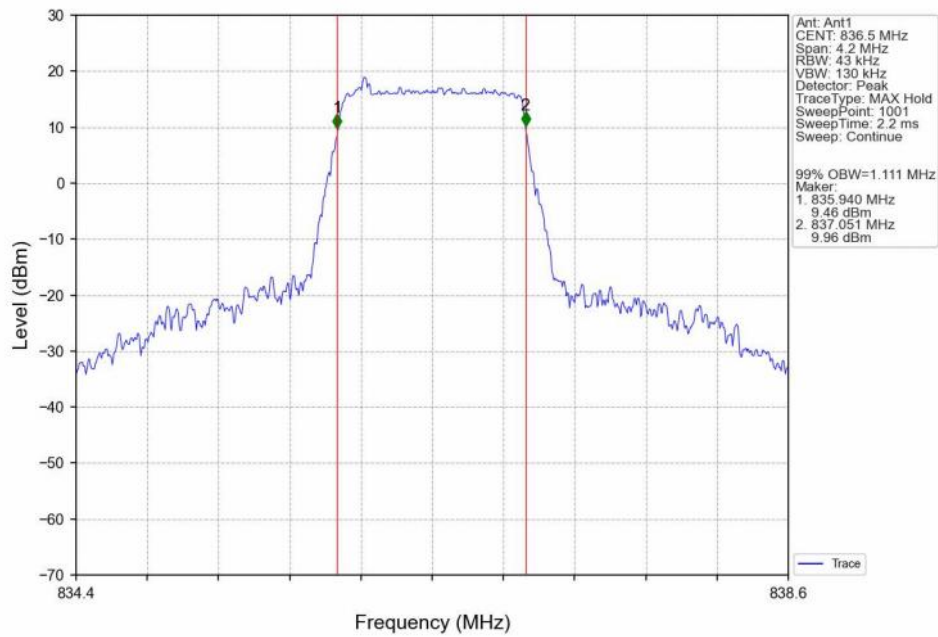
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



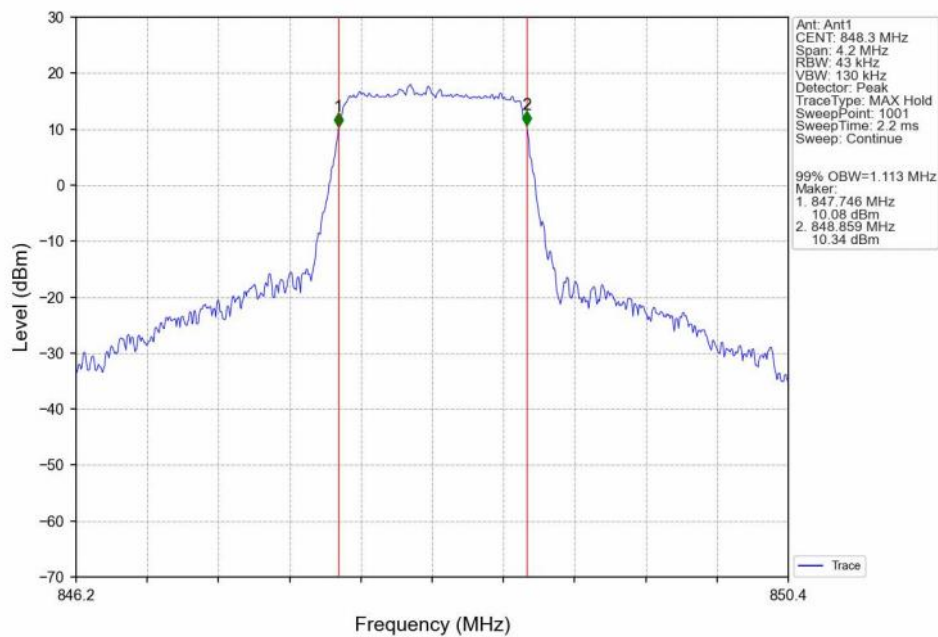
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



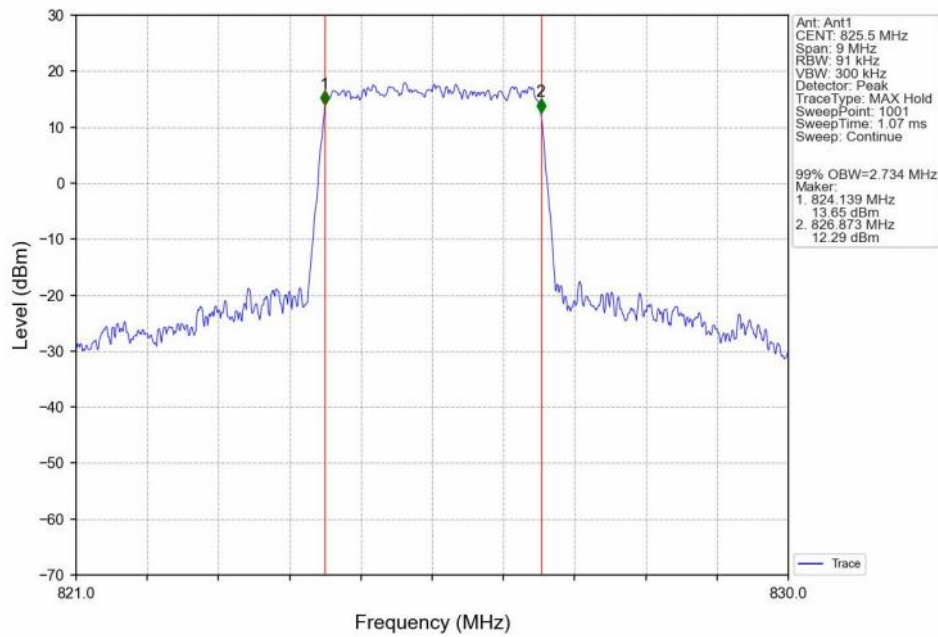
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



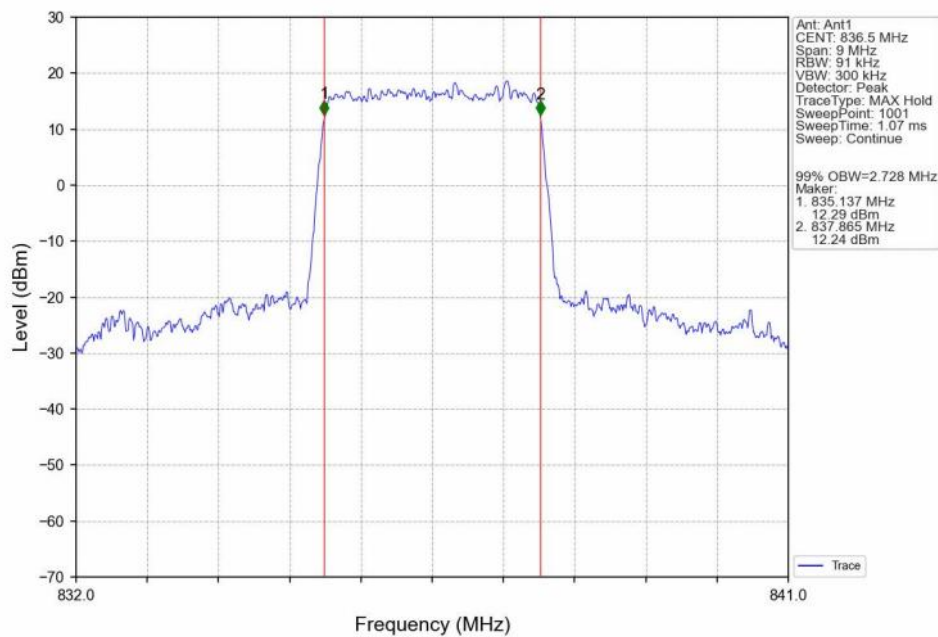
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



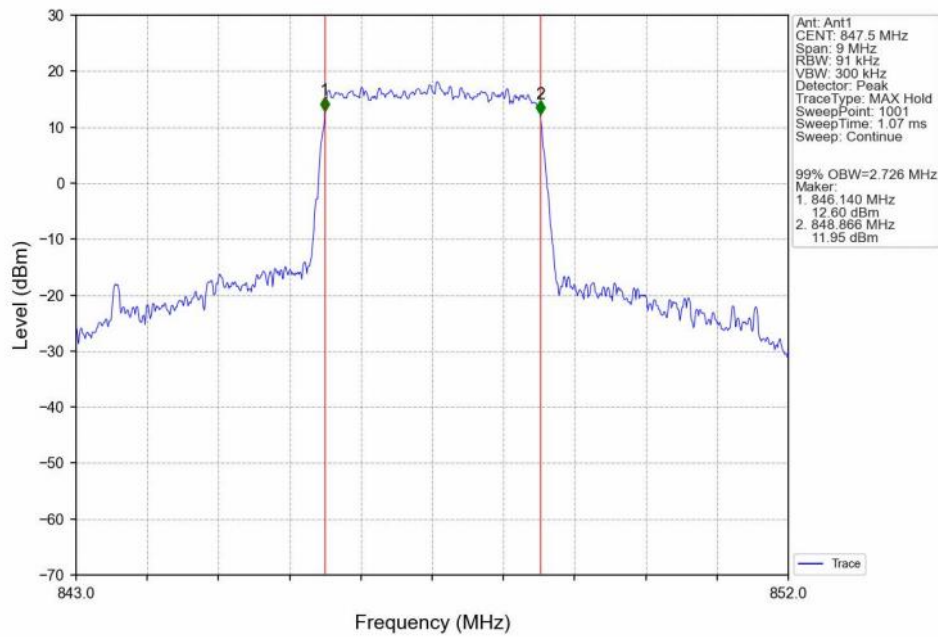
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



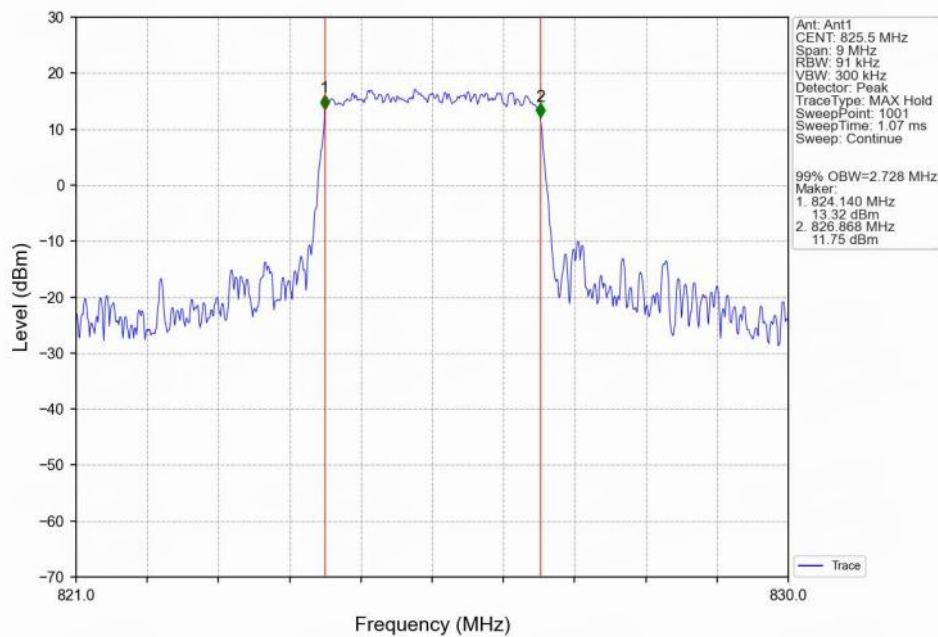
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



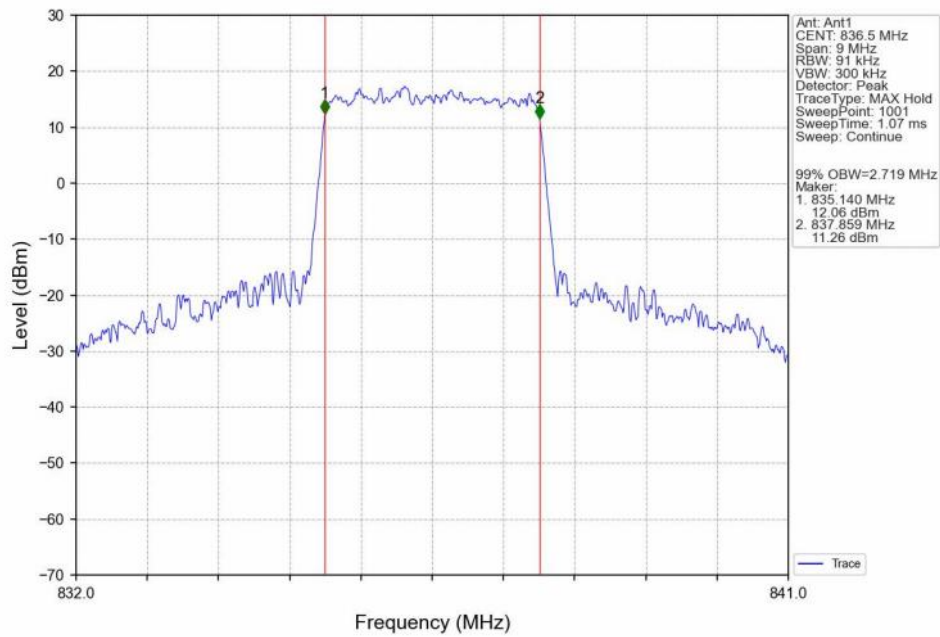
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



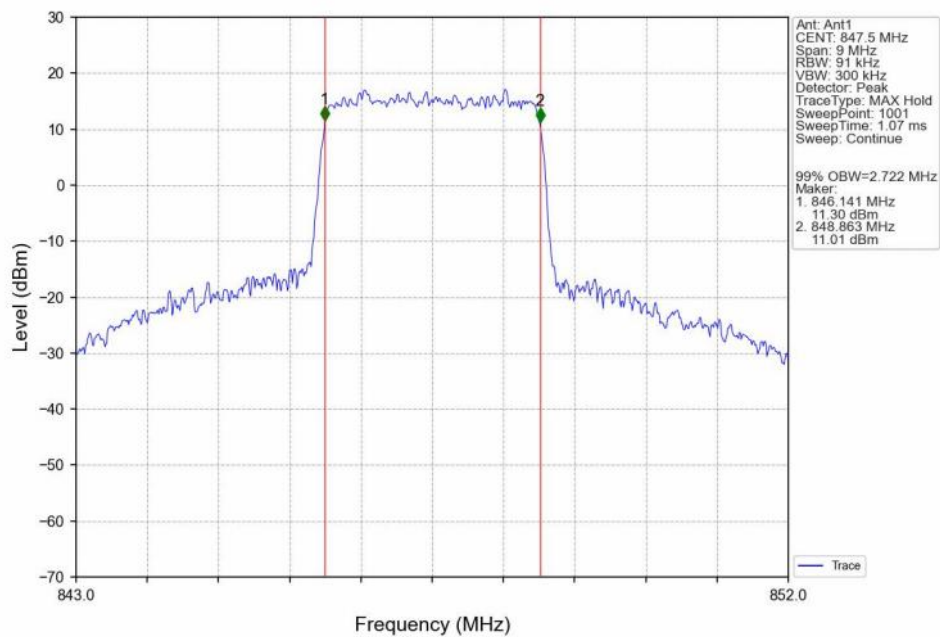
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



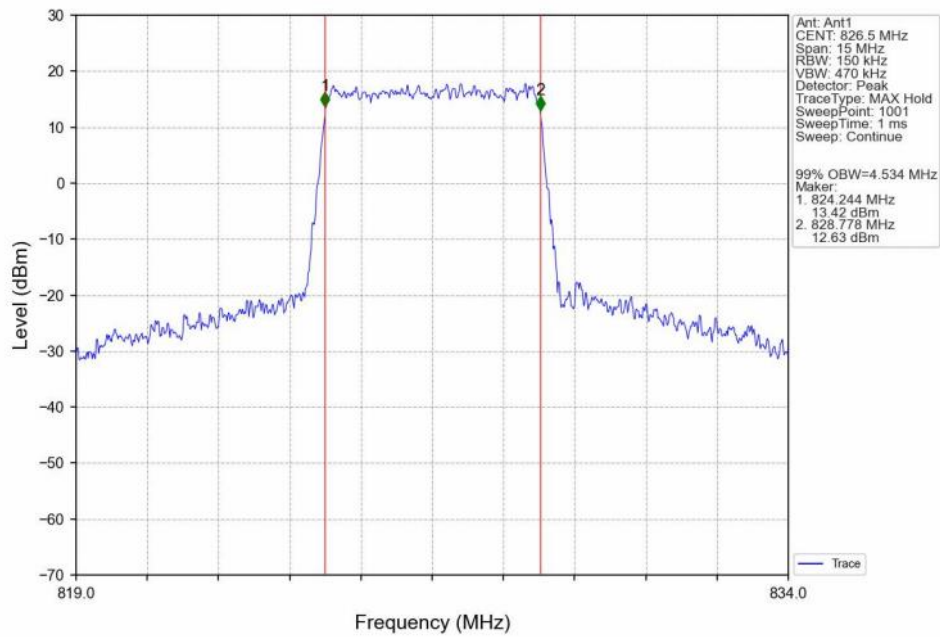
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



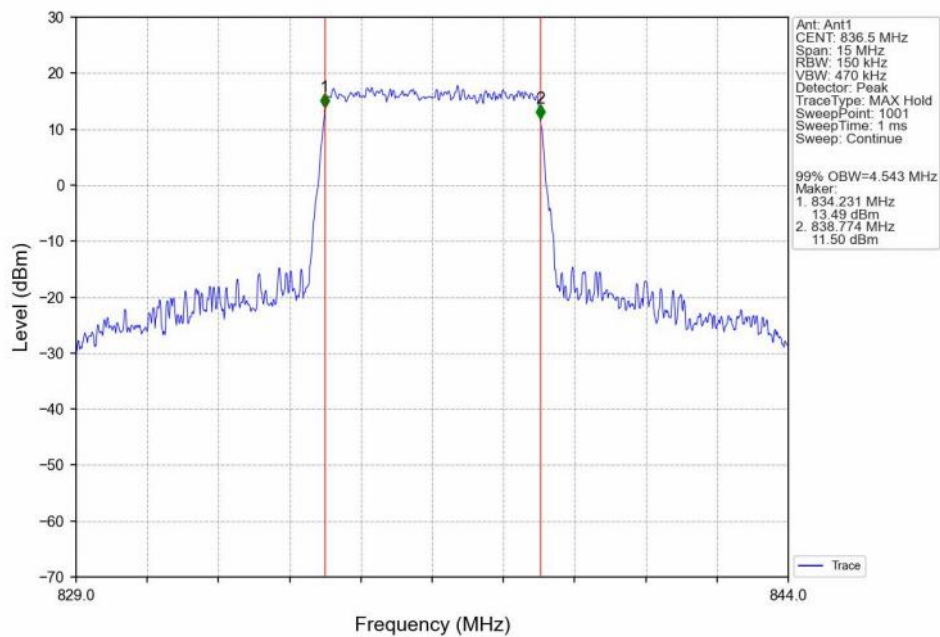
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



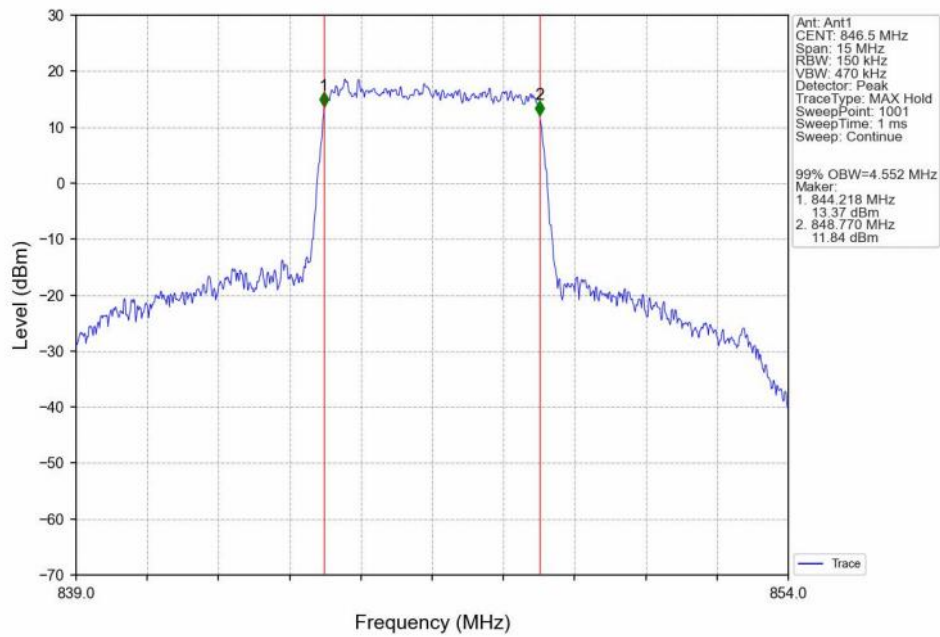
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



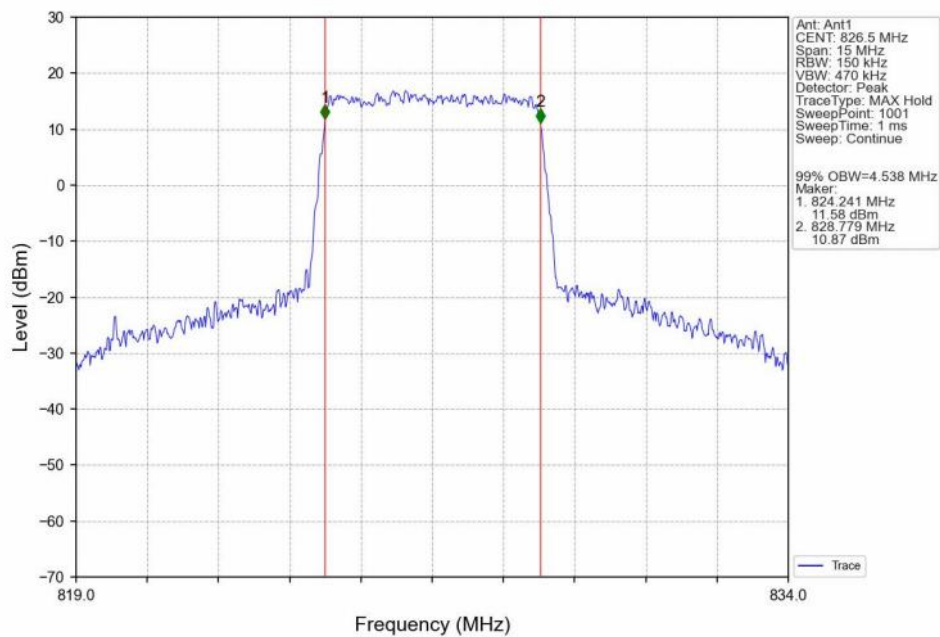
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



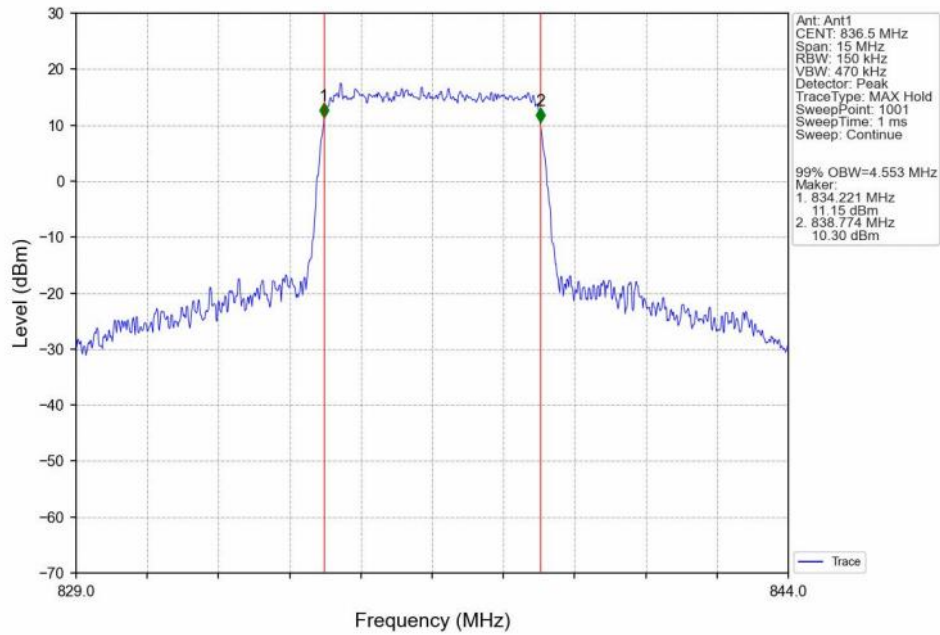
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



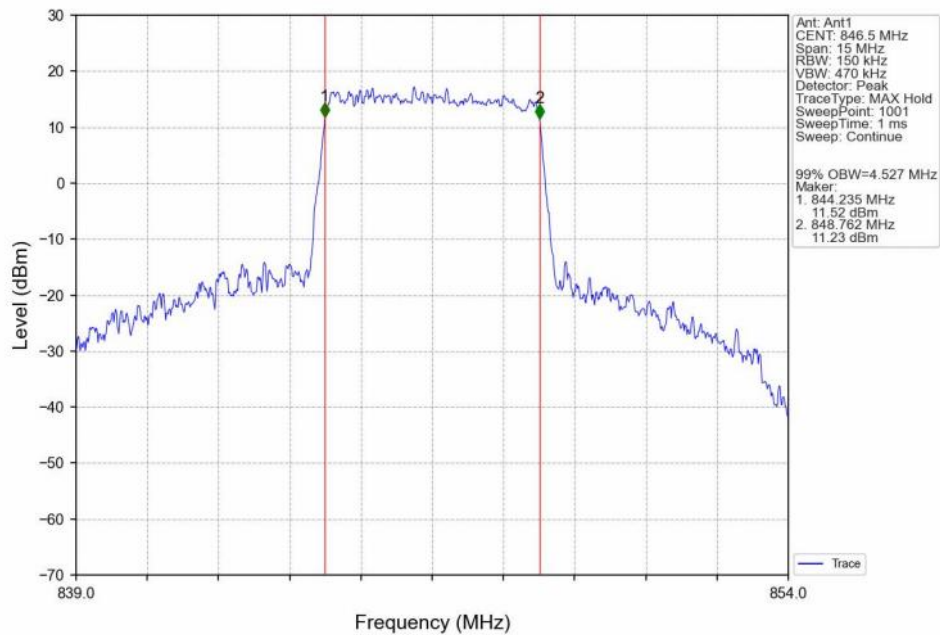
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



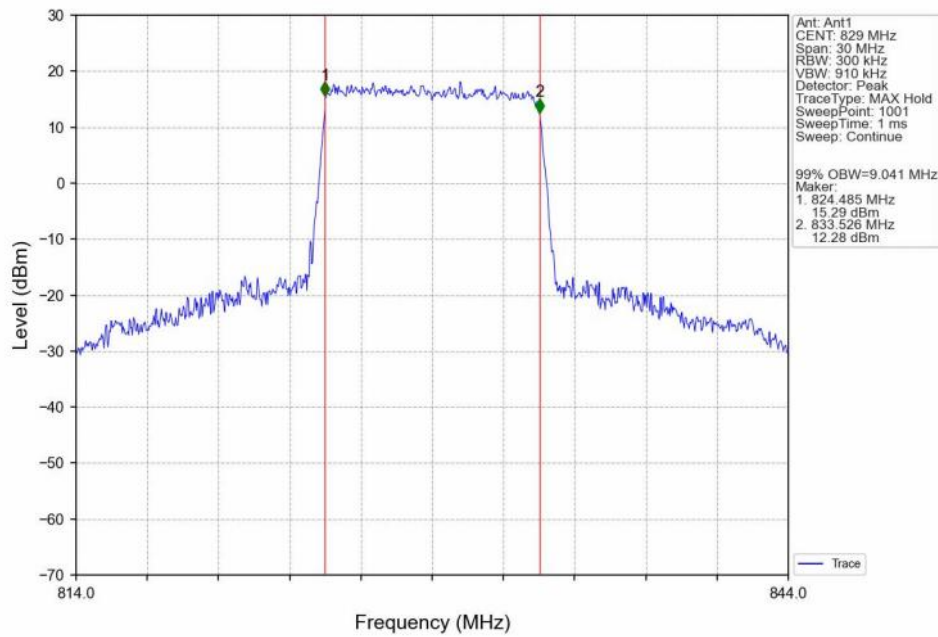
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



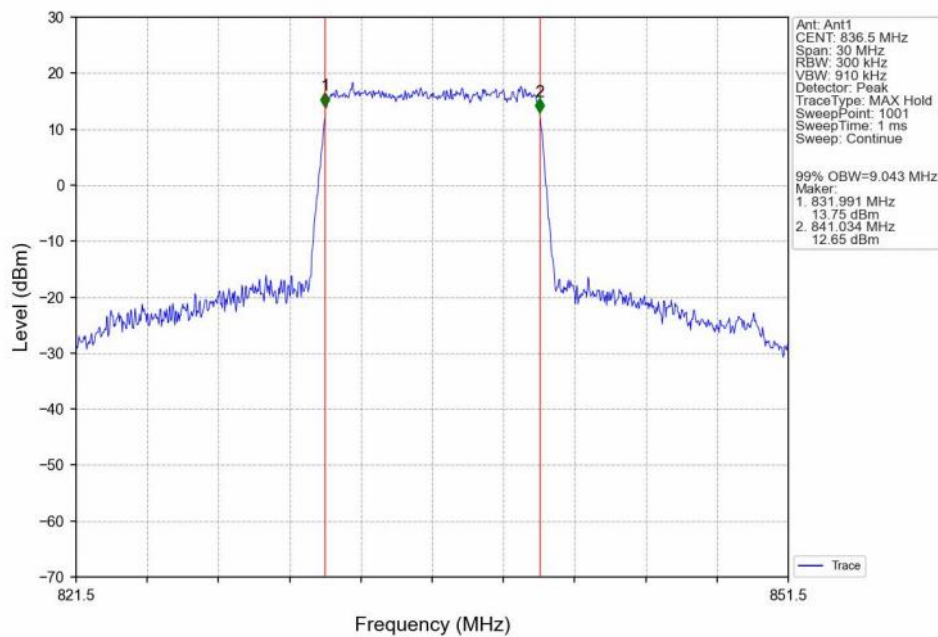
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



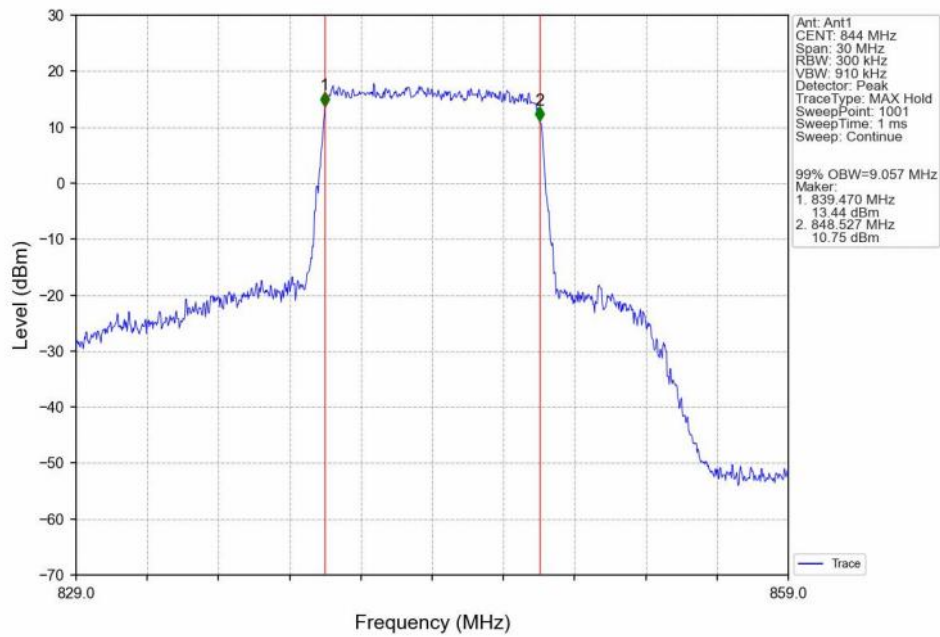
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



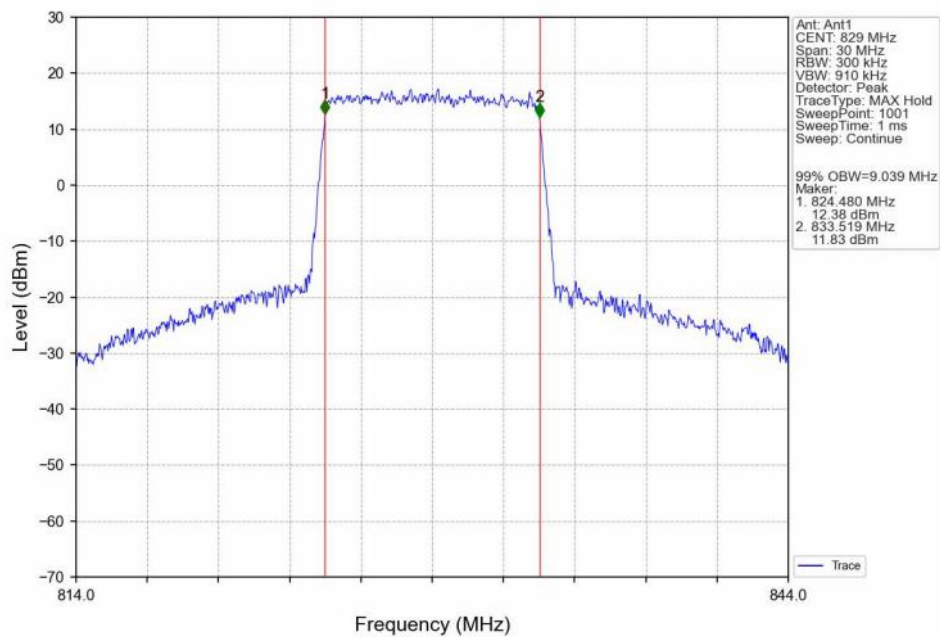
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



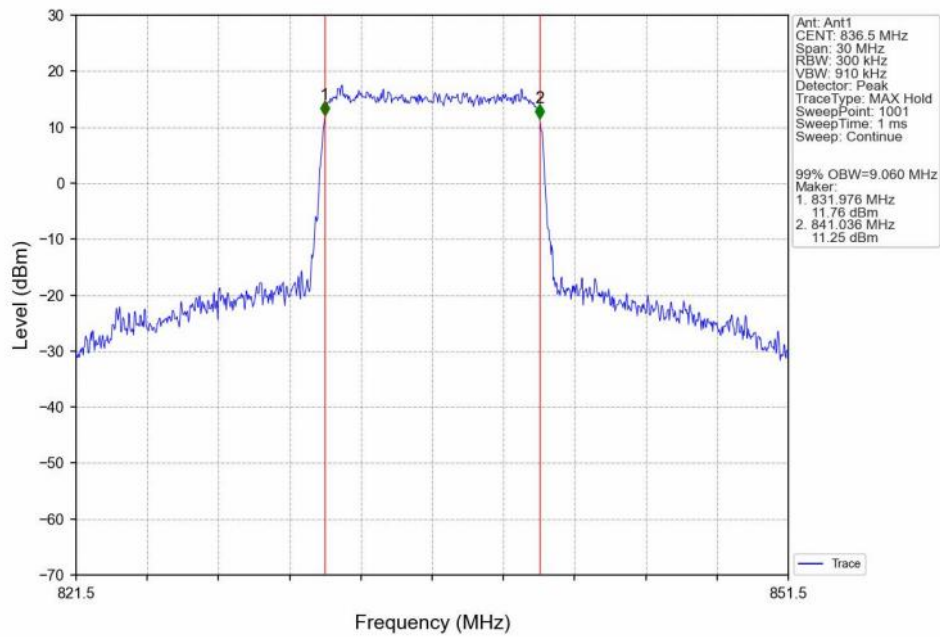
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



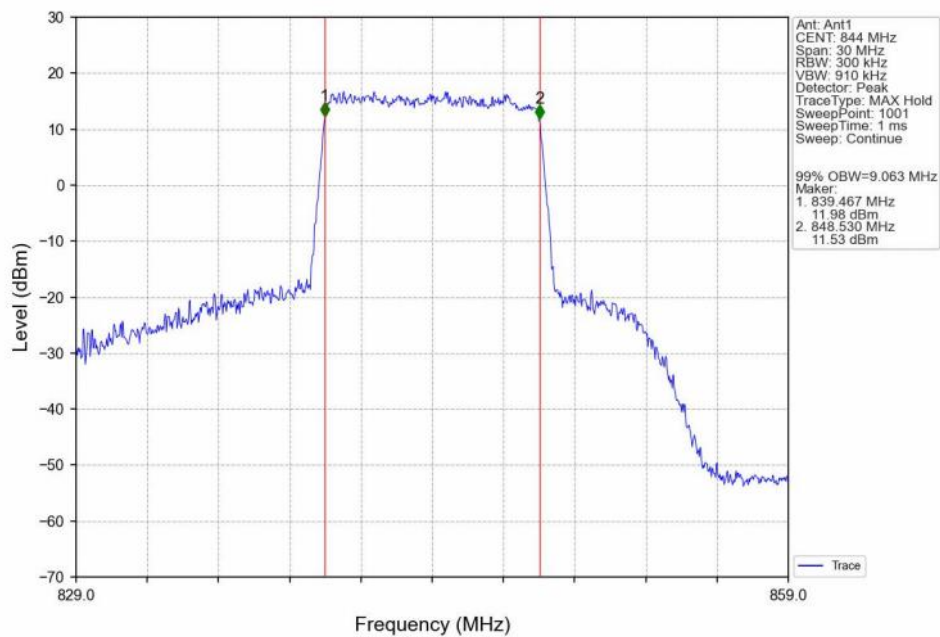
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



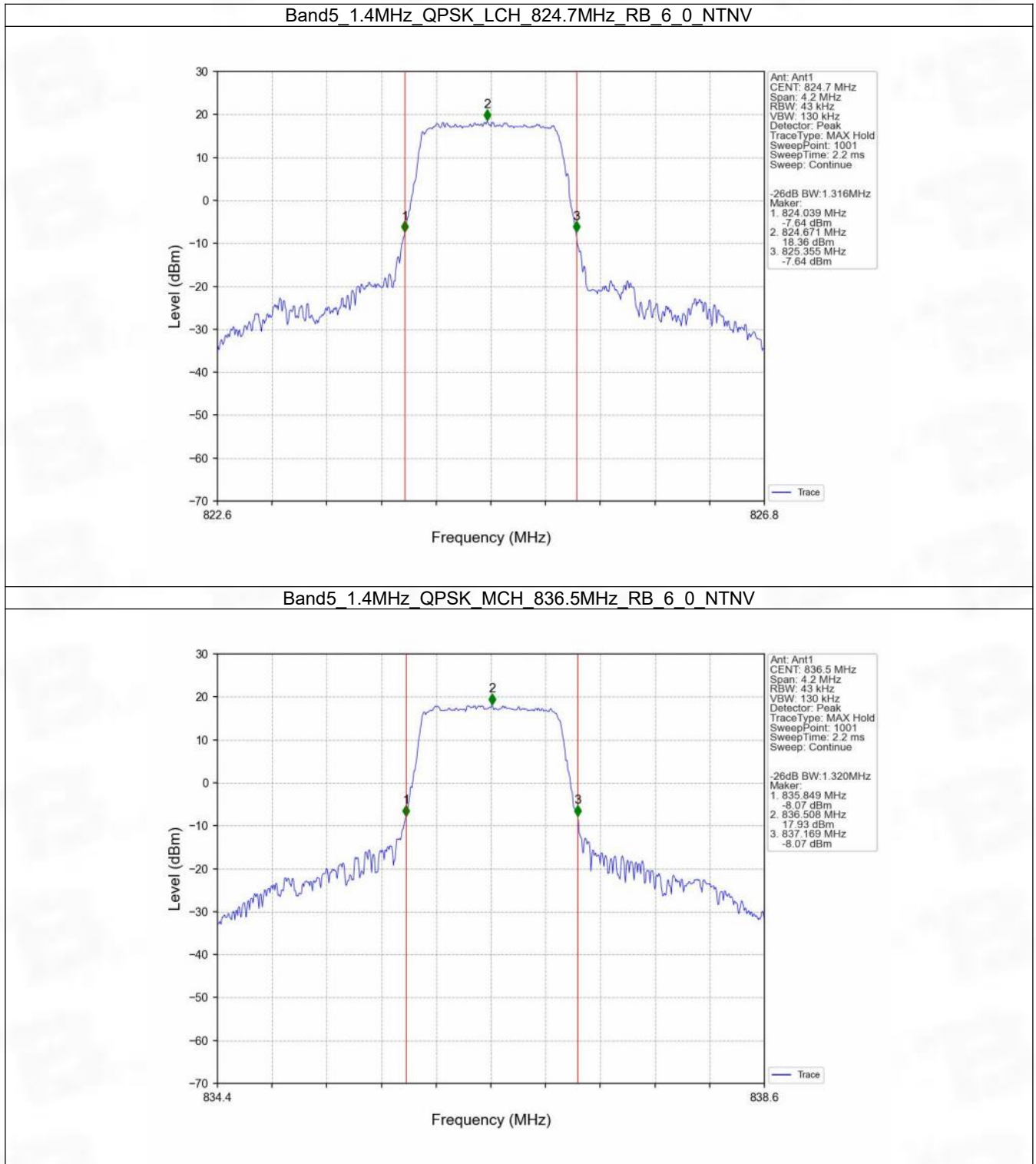
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



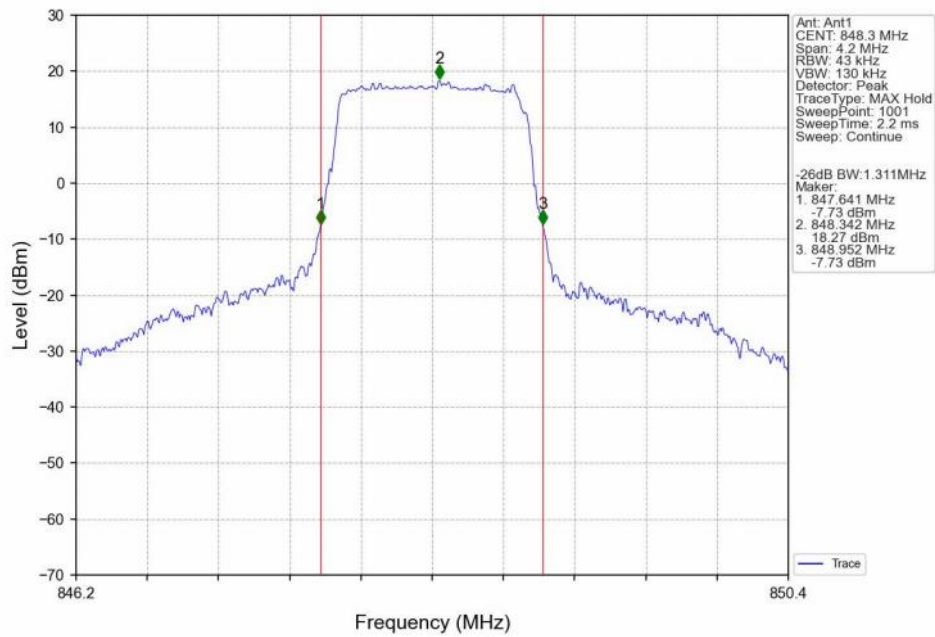
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



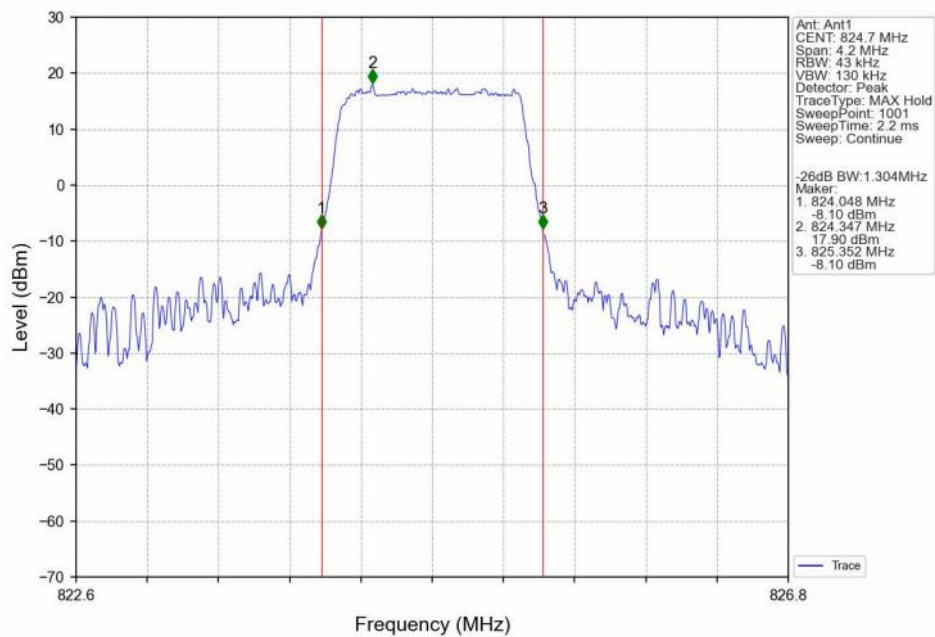
4.2.2 Band5_XDB



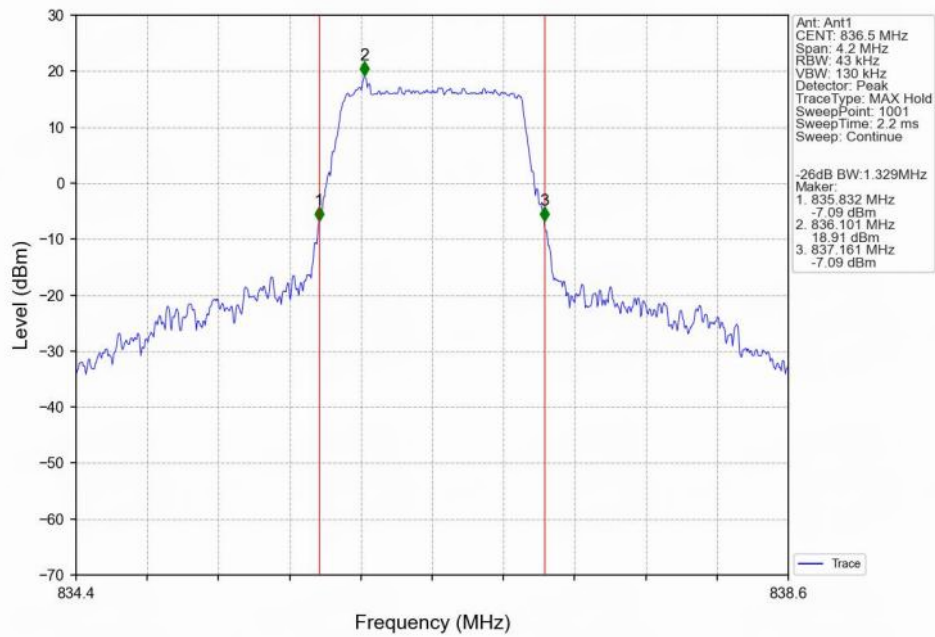
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



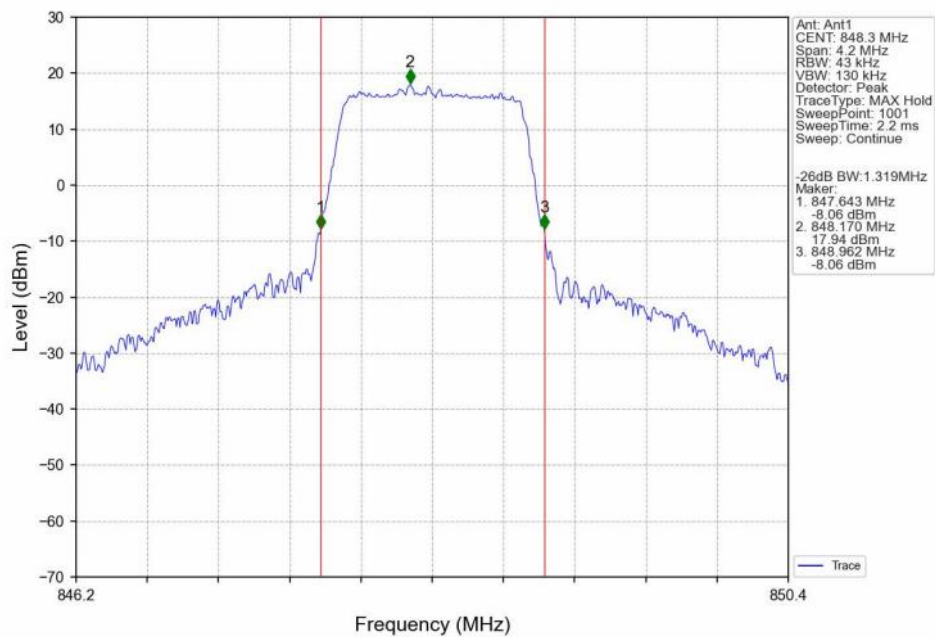
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



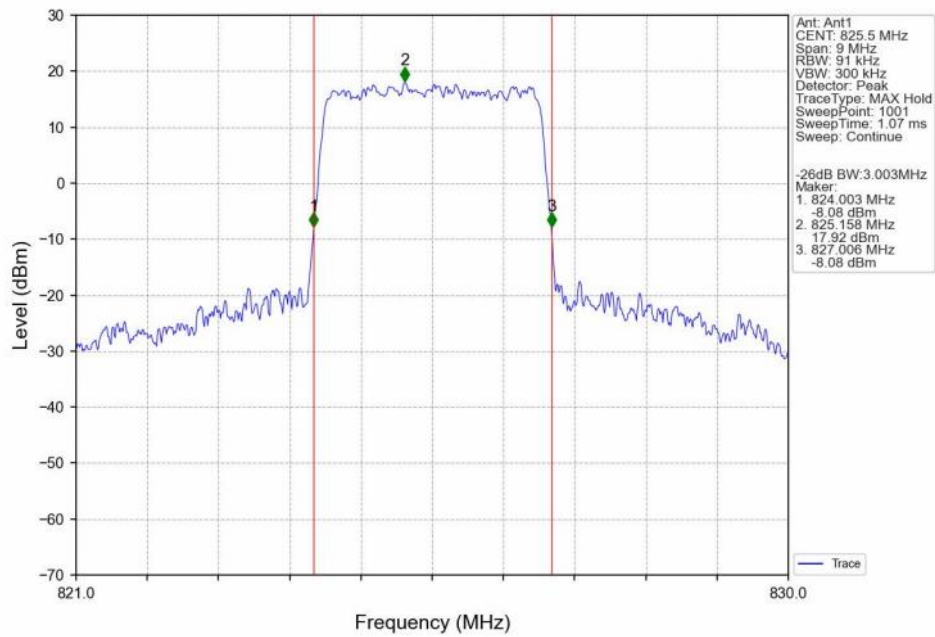
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



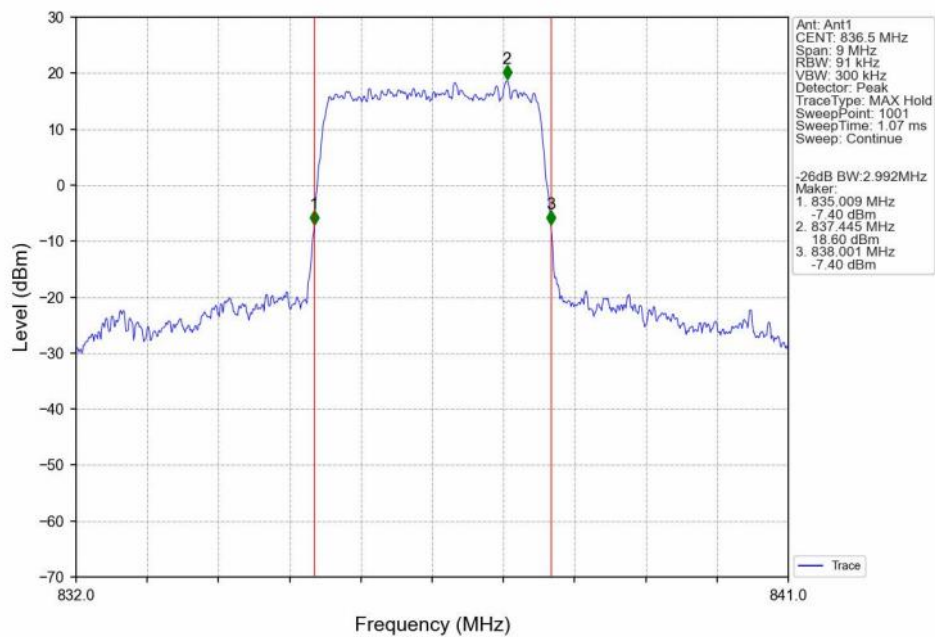
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



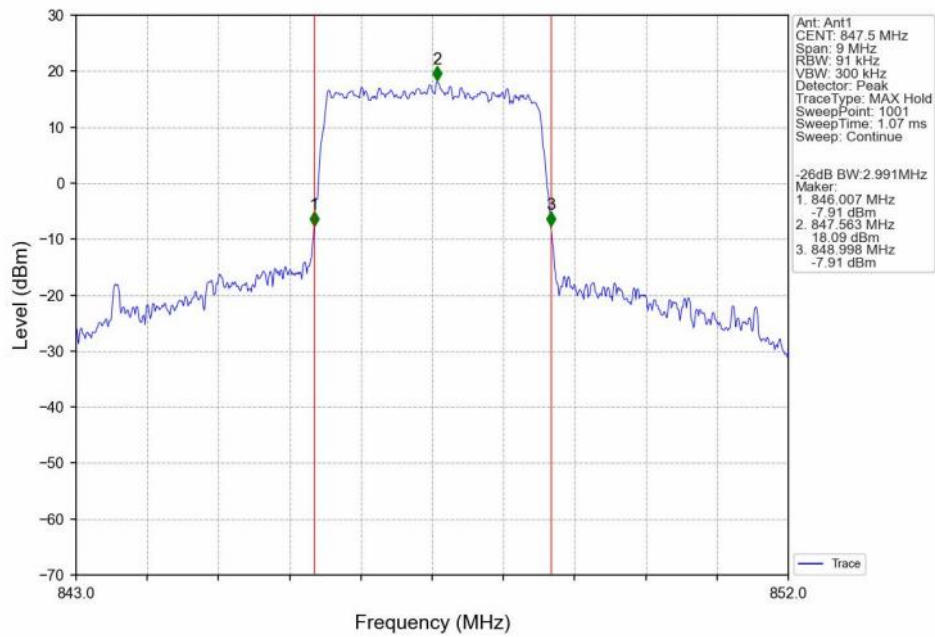
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



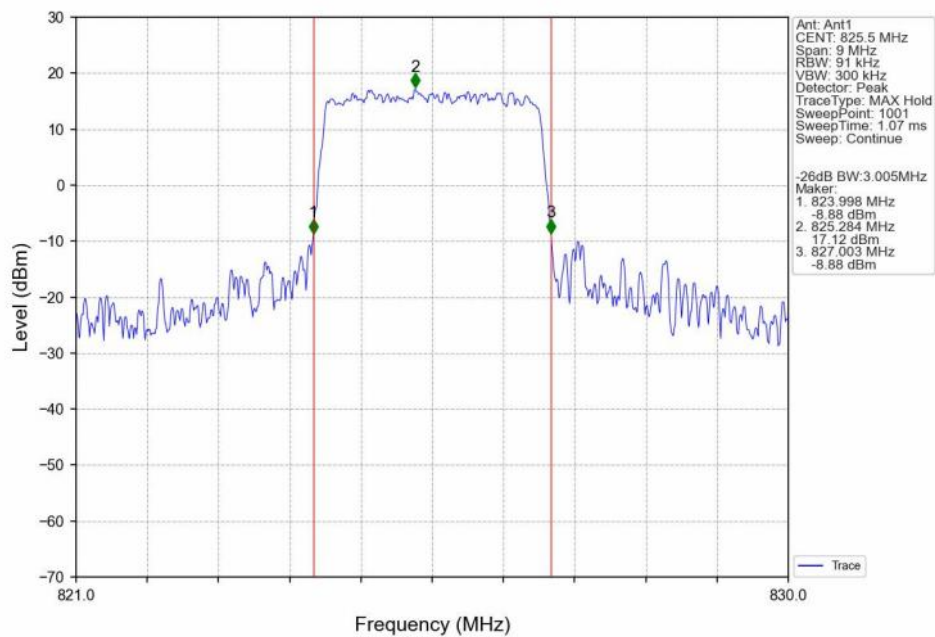
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



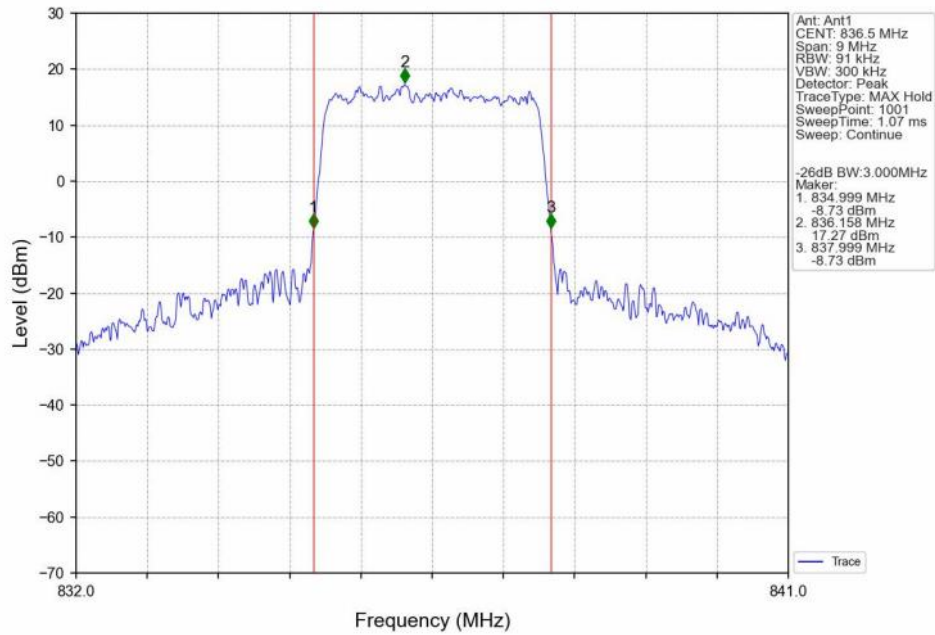
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



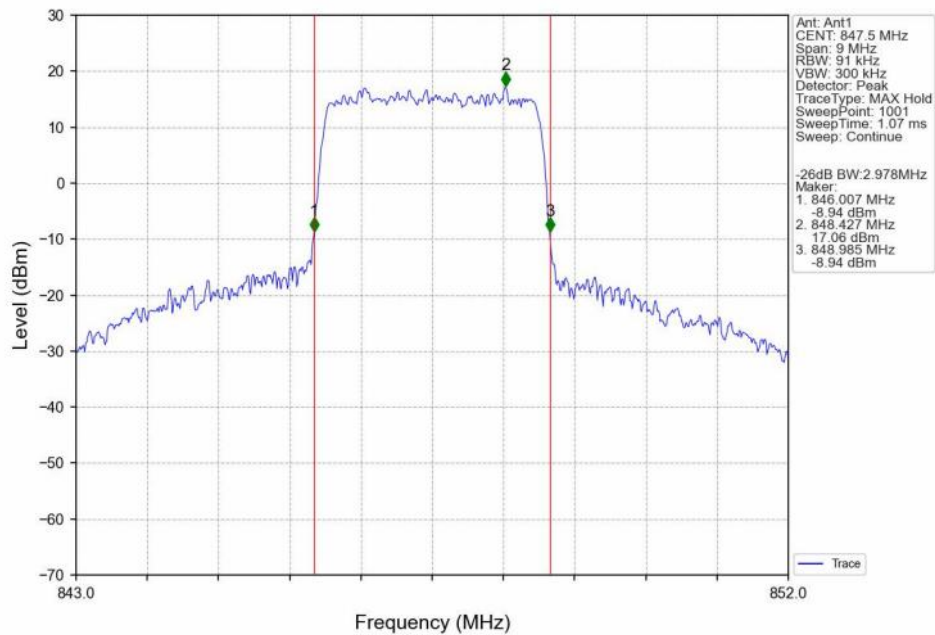
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



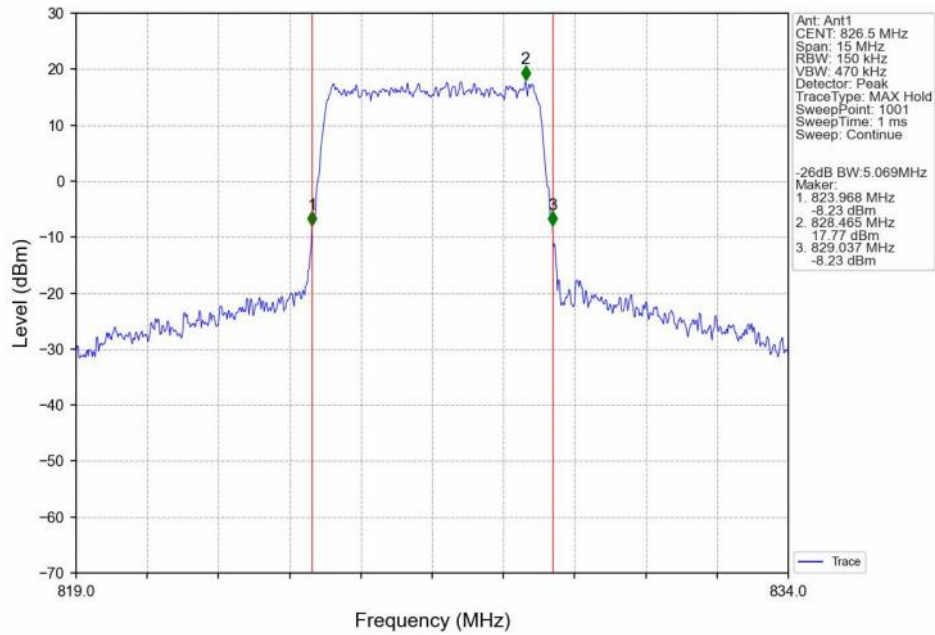
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



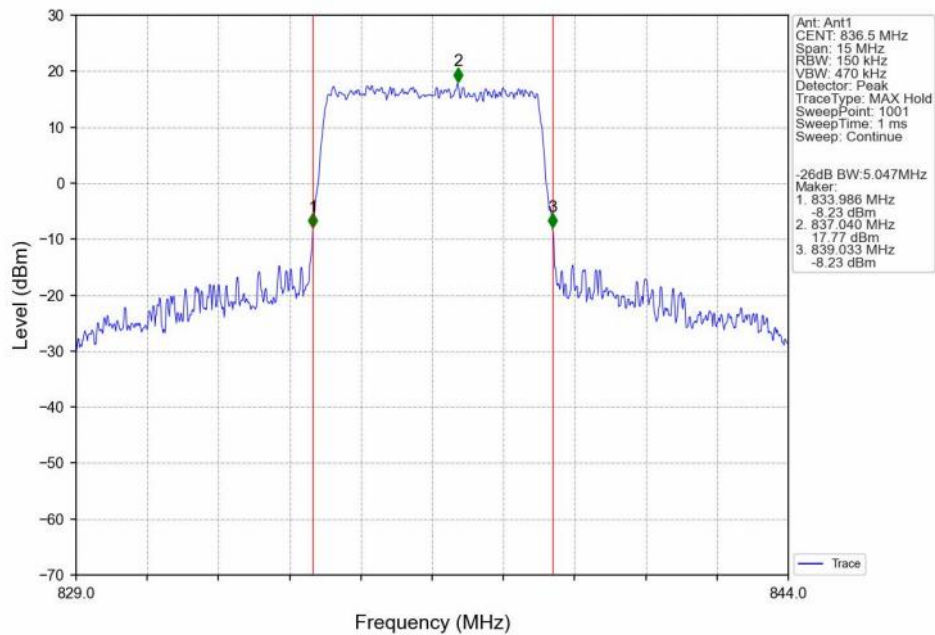
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



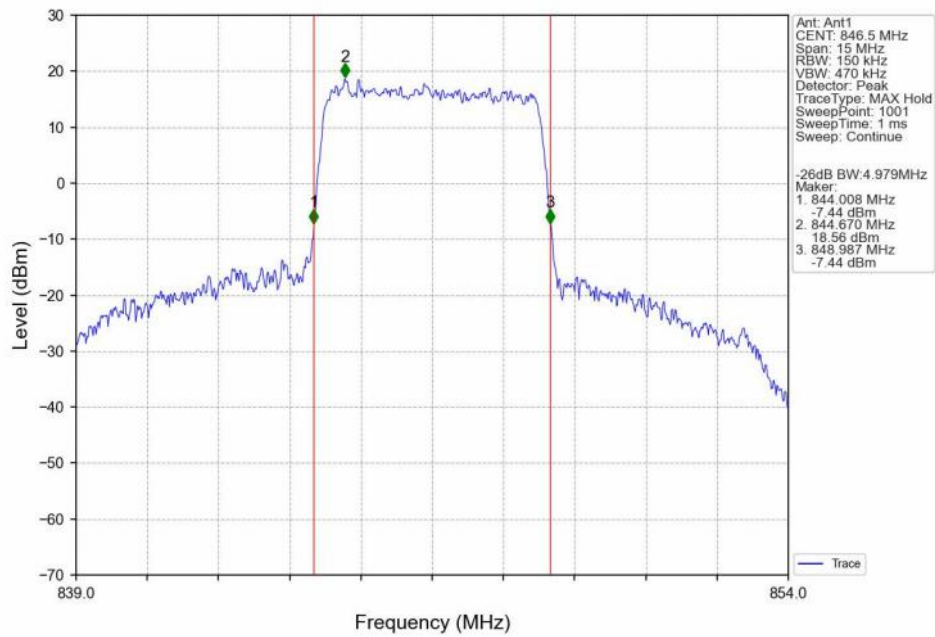
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



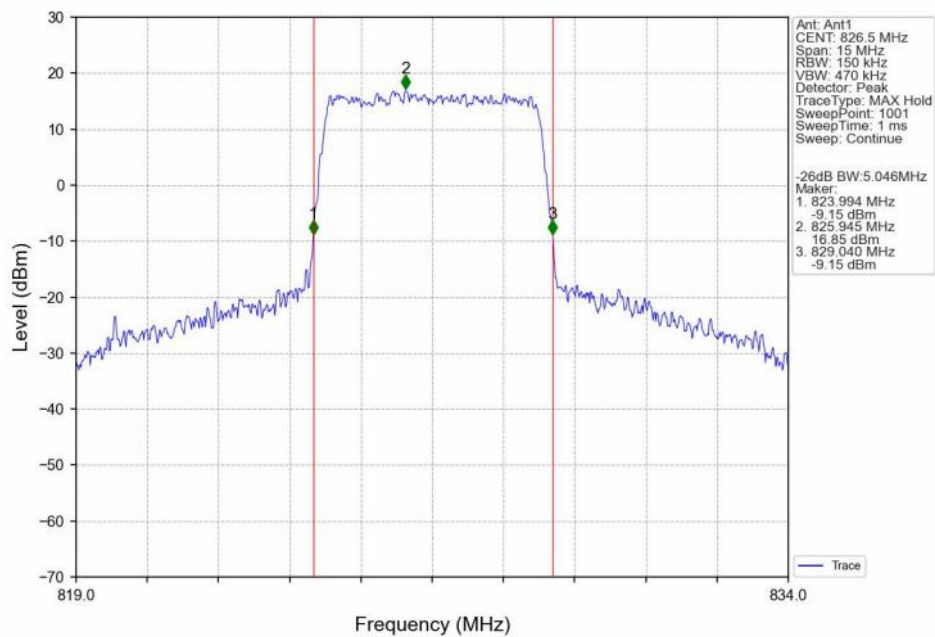
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



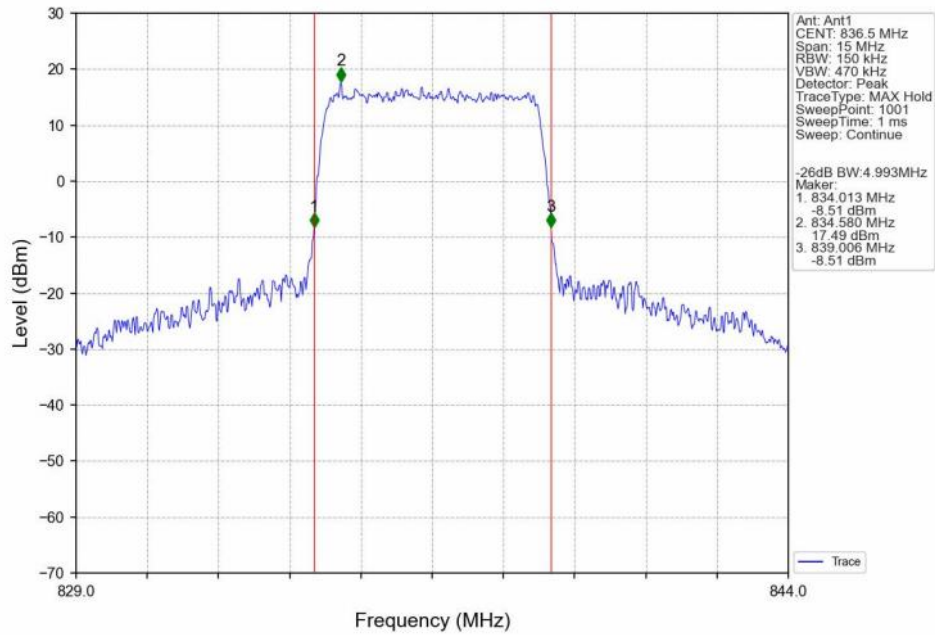
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



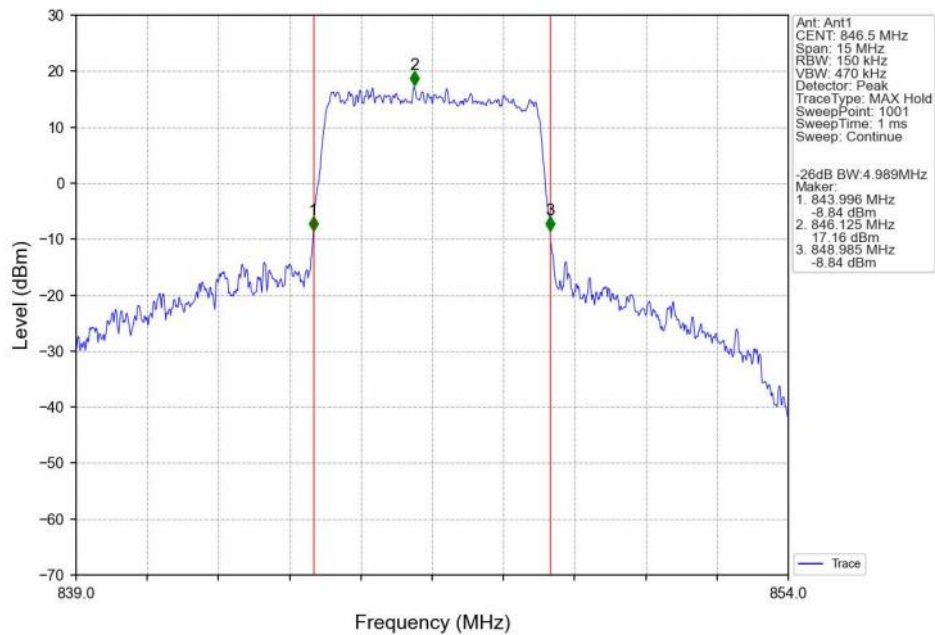
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



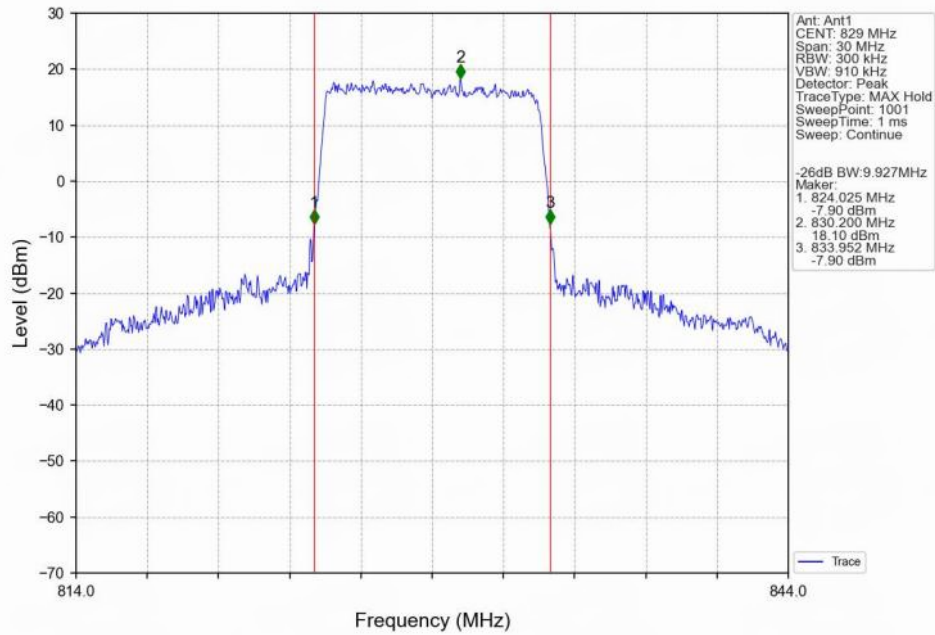
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



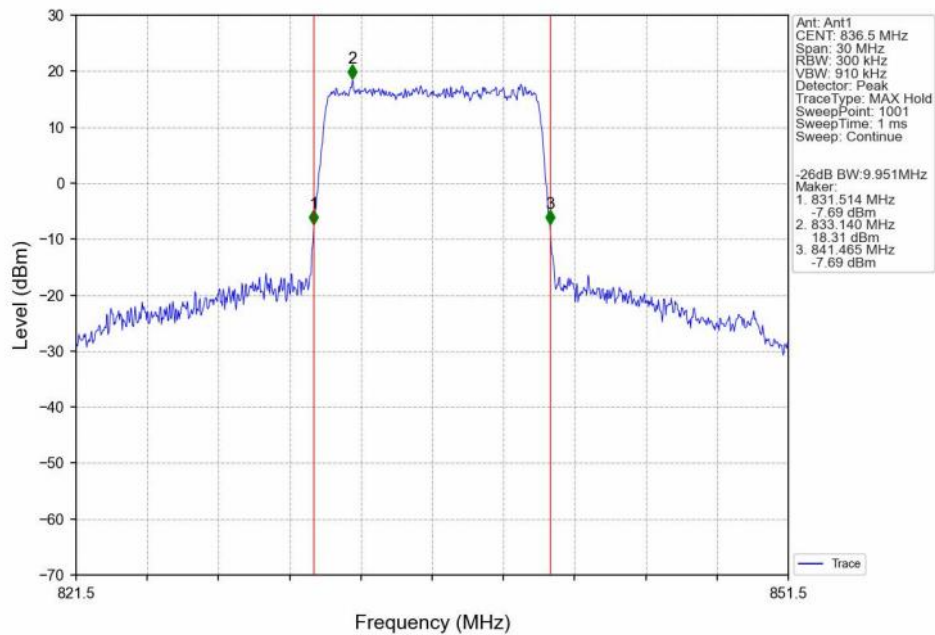
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



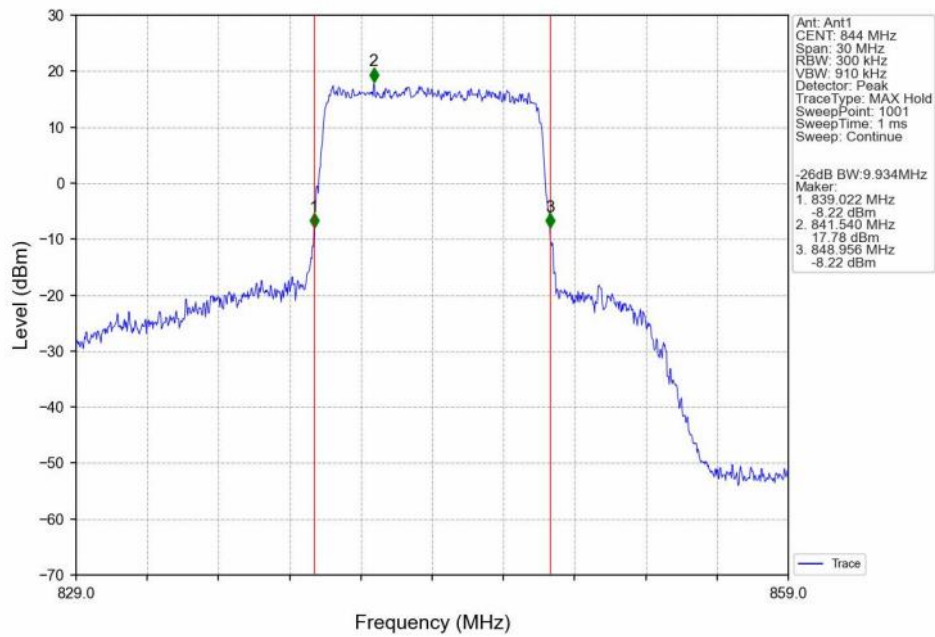
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



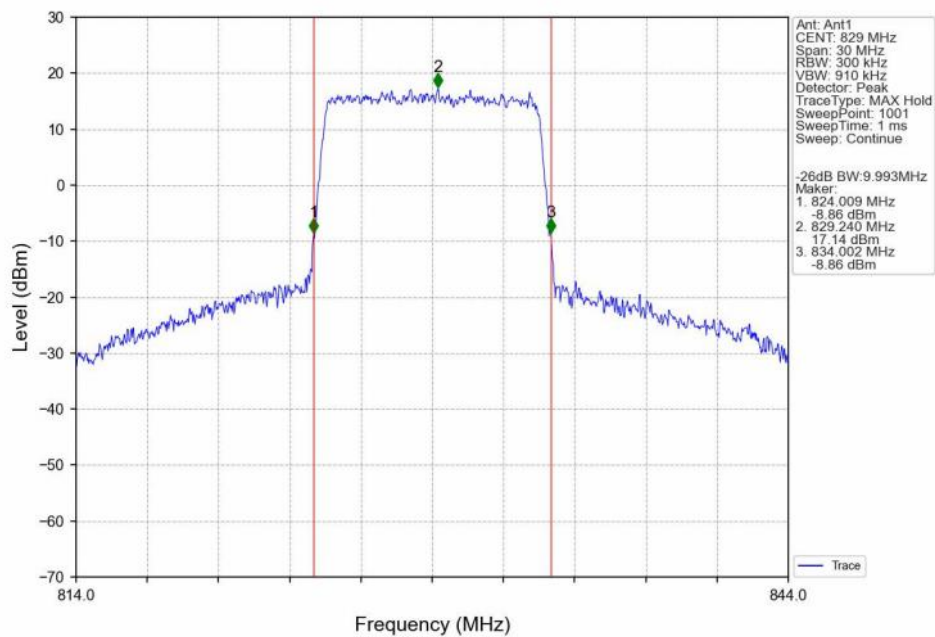
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



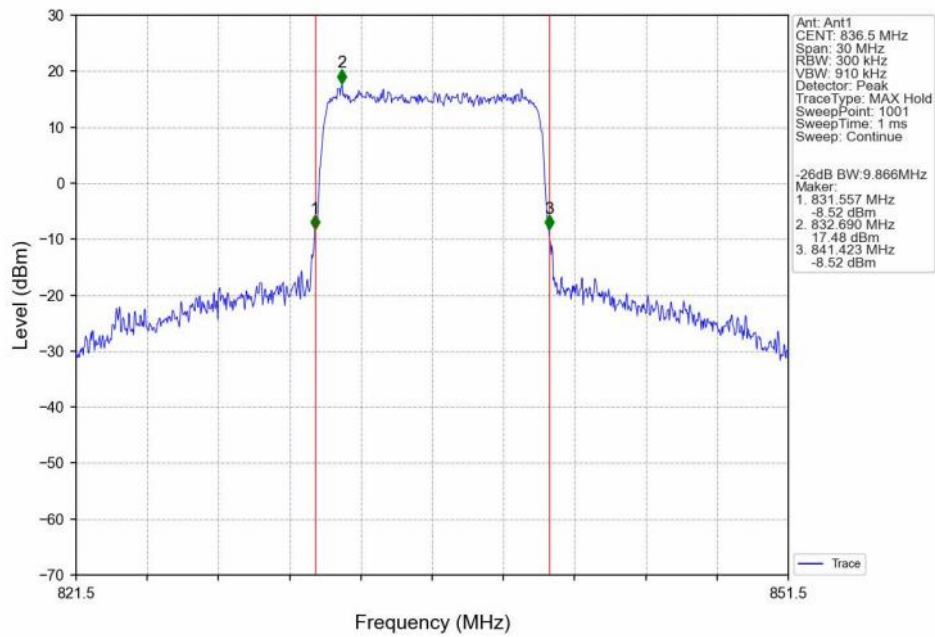
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



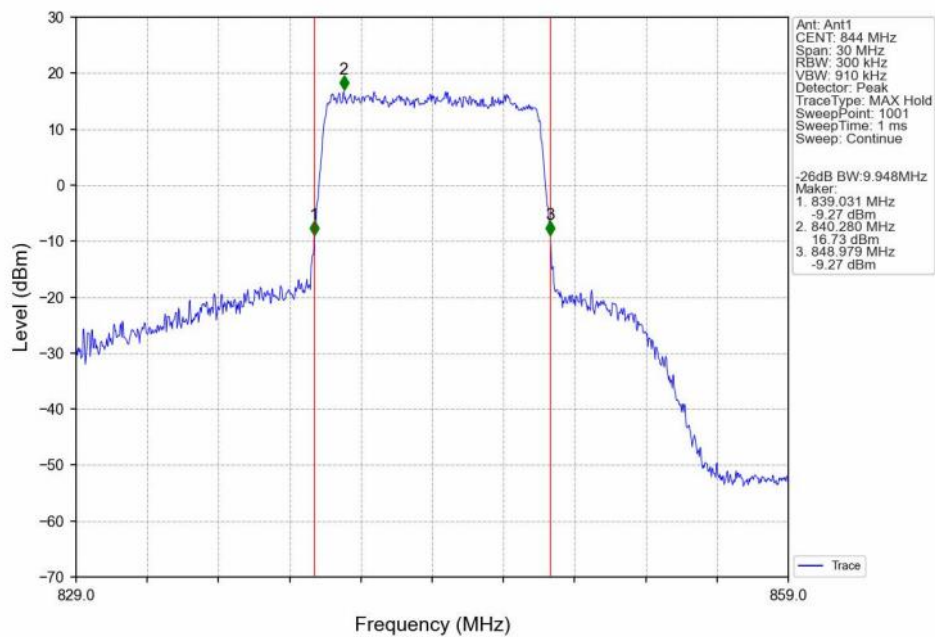
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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	5.48	≤ 13	Pass
	836.5	6	0	5.17	≤ 13	Pass
	848.3	6	0	4.82	≤ 13	Pass
16QAM	824.7	6	0	6.27	≤ 13	Pass
	836.5	6	0	6.02	≤ 13	Pass
	848.3	6	0	5.70	≤ 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	5.49	≤ 13	Pass
	836.5	15	0	5.28	≤ 13	Pass
	847.5	15	0	4.93	≤ 13	Pass
16QAM	825.5	15	0	6.30	≤ 13	Pass
	836.5	15	0	6.15	≤ 13	Pass
	847.5	15	0	5.79	≤ 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	5.53	≤ 13	Pass
	836.5	25	0	5.50	≤ 13	Pass
	846.5	25	0	5.19	≤ 13	Pass
16QAM	826.5	25	0	6.26	≤ 13	Pass
	836.5	25	0	6.22	≤ 13	Pass
	846.5	25	0	5.96	≤ 13	Pass

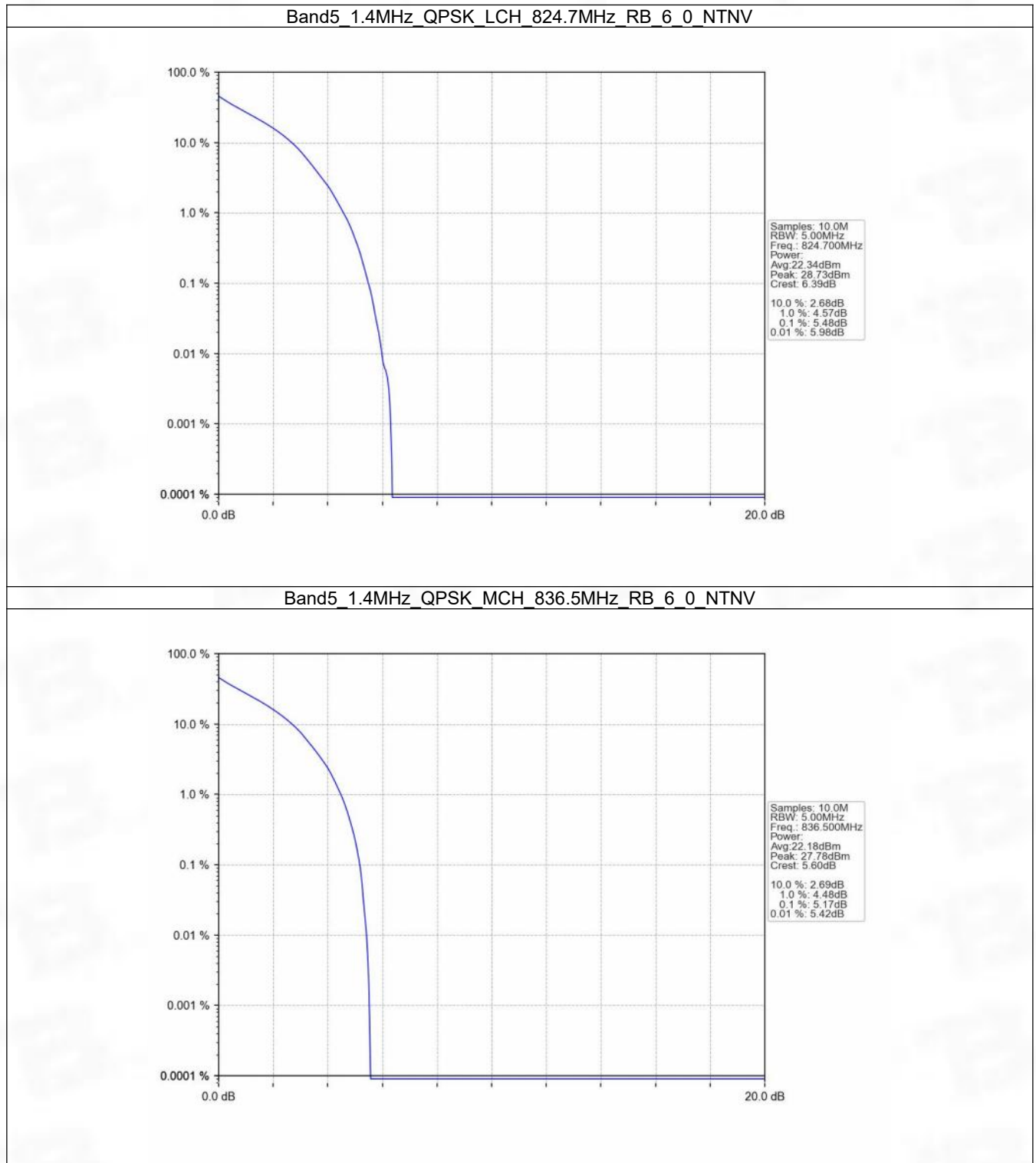
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.34	≤ 13	Pass
	836.5	50	0	5.43	≤ 13	Pass
	844	50	0	5.40	≤ 13	Pass
16QAM	829	50	0	6.13	≤ 13	Pass
	836.5	50	0	6.23	≤ 13	Pass

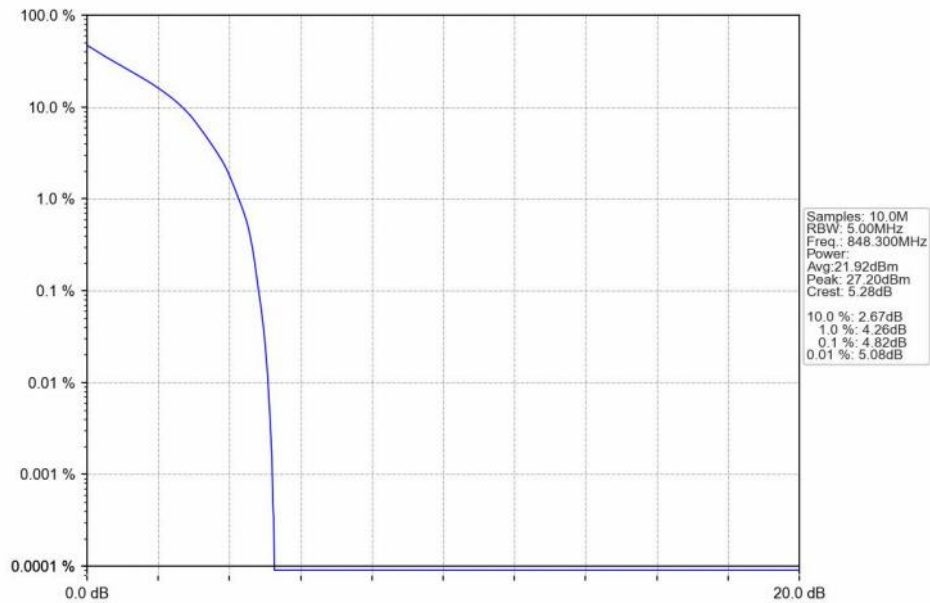
	844	50	0	6.17	<=13	Pass
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5.2 Test Graph

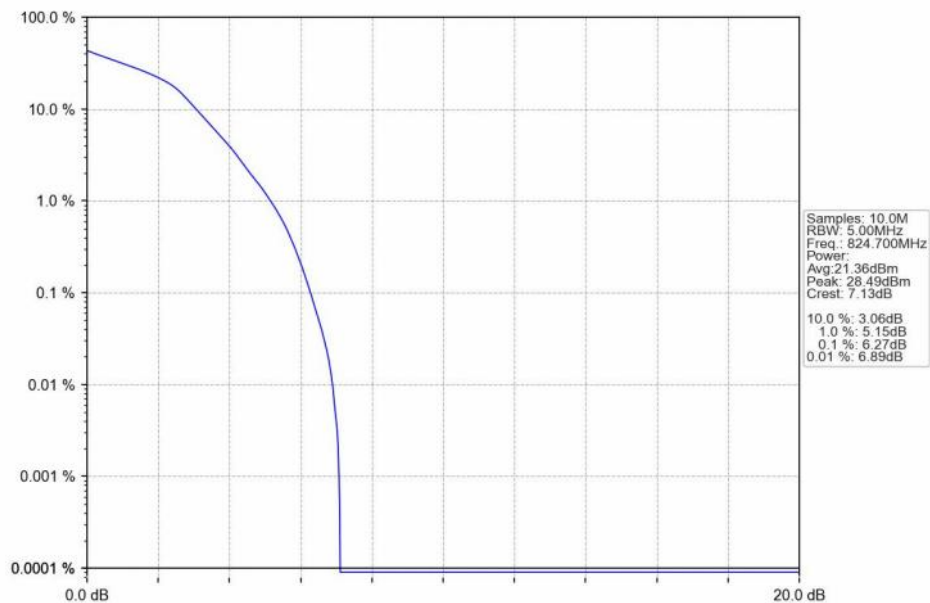
5.2.1 B5_1.4MHz



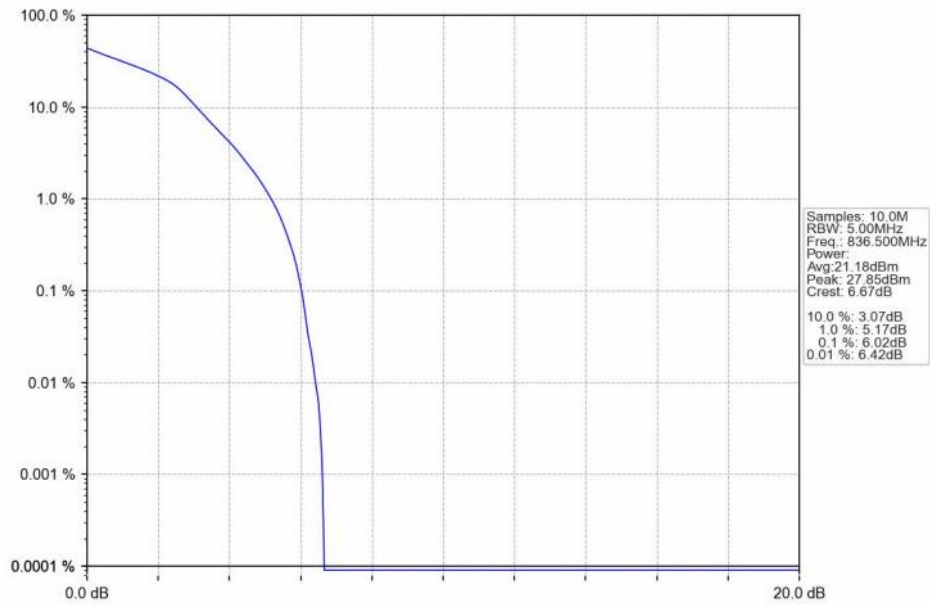
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



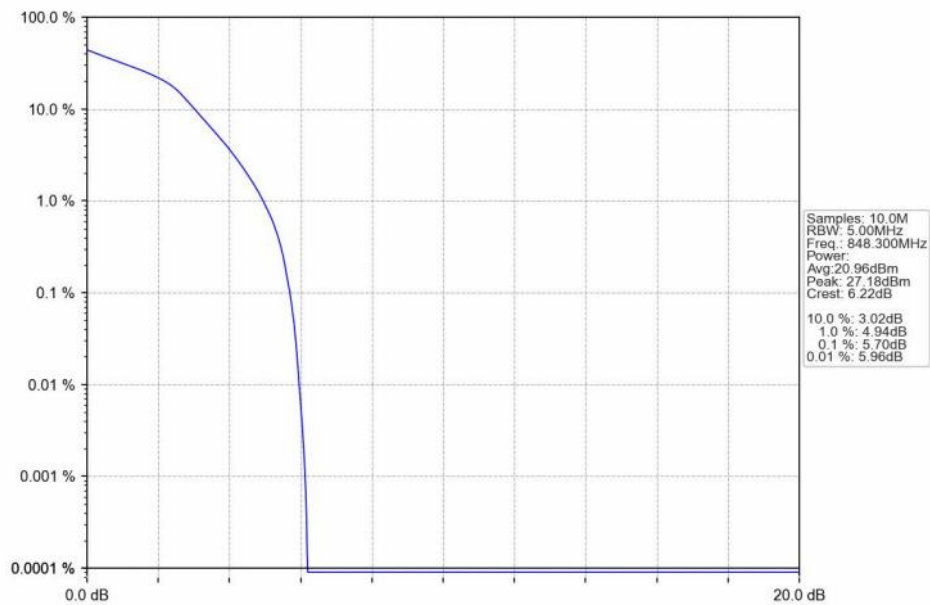
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



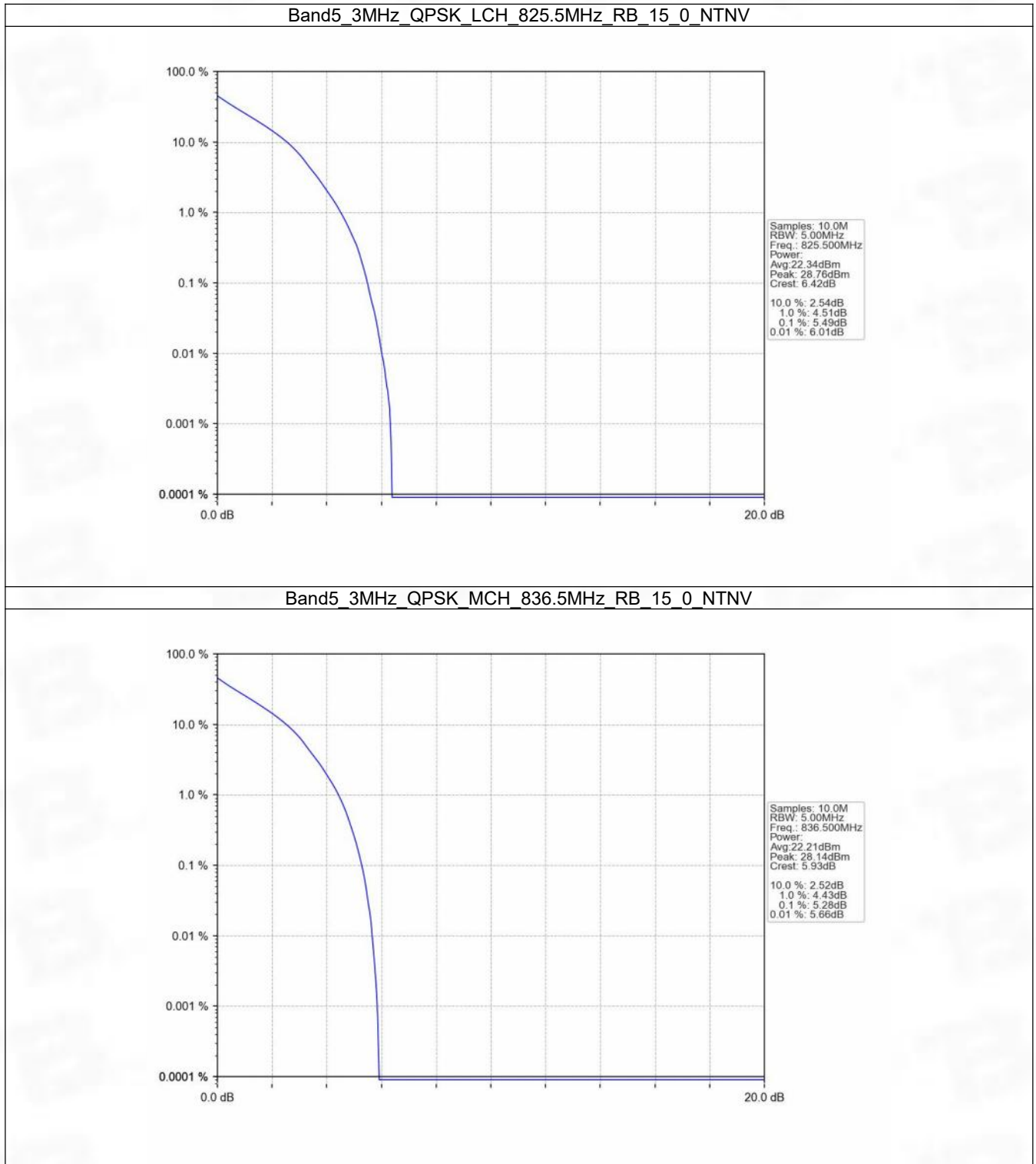
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



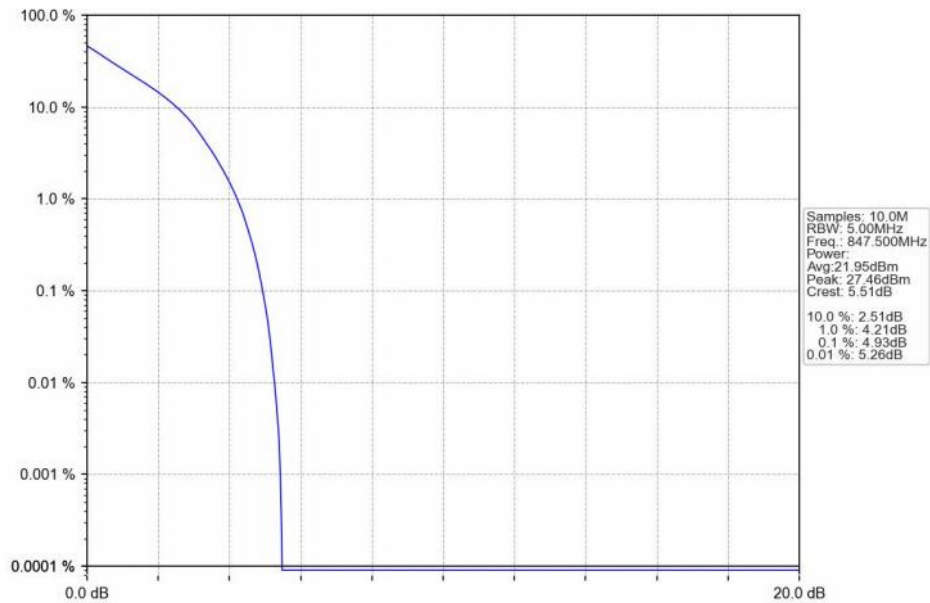
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



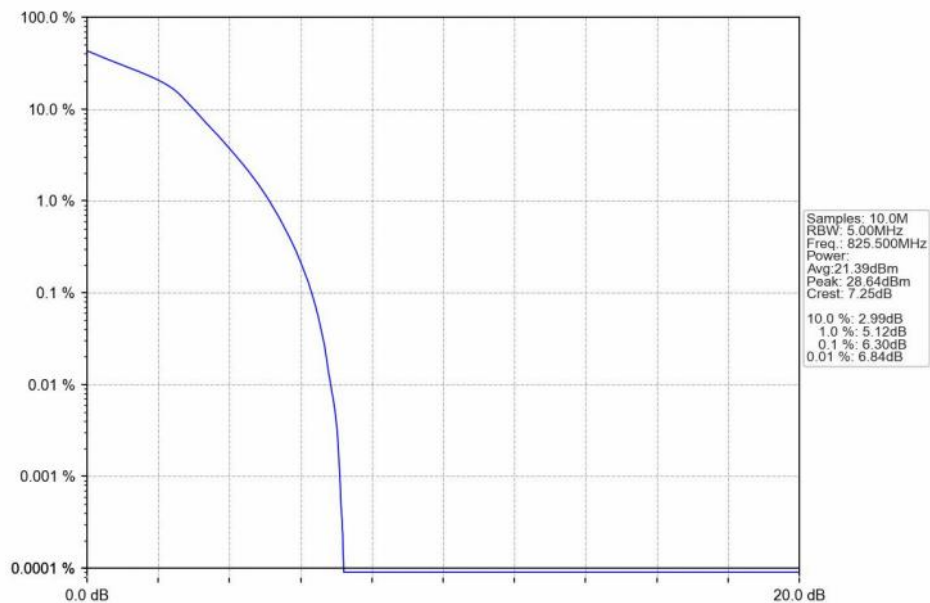
5.2.2 B5_3MHz



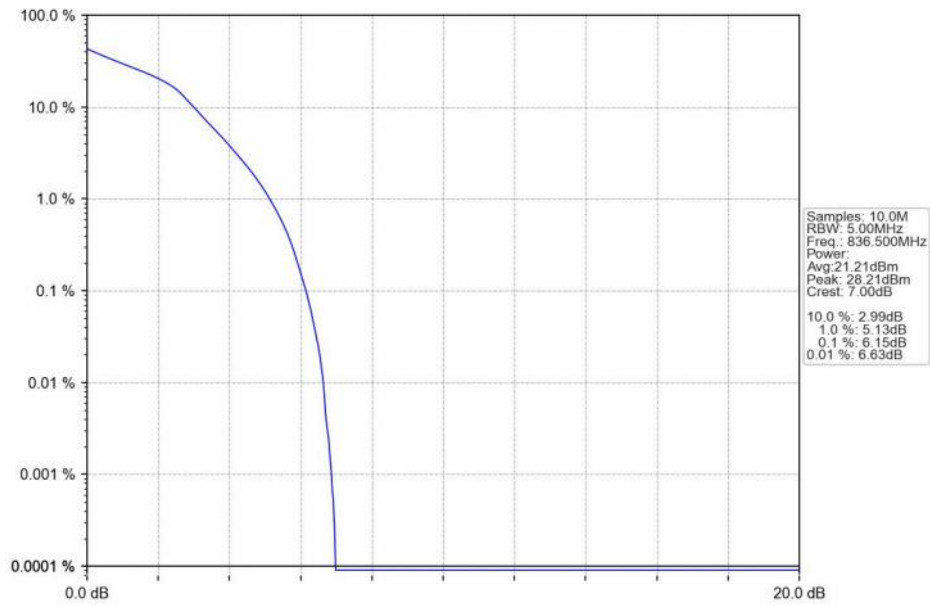
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



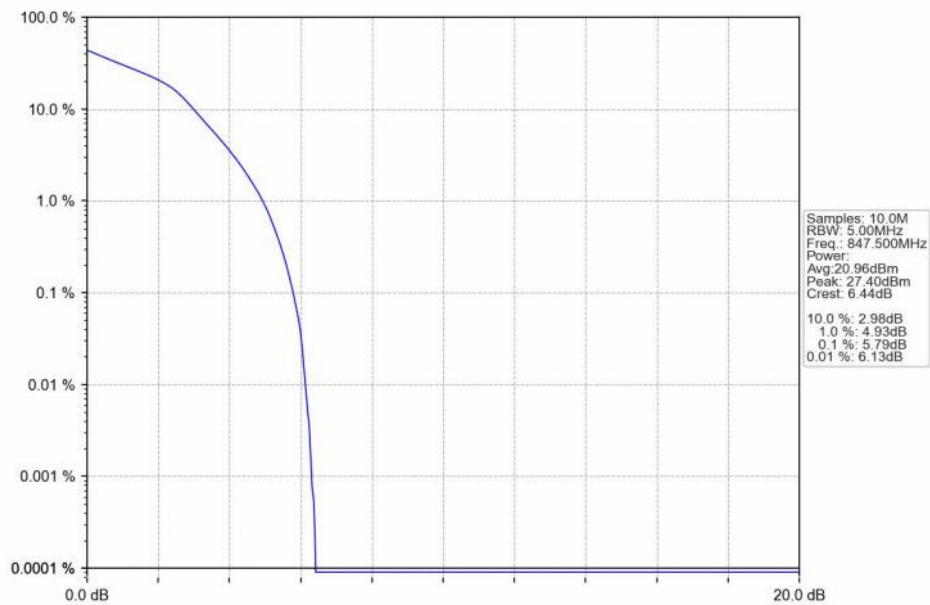
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



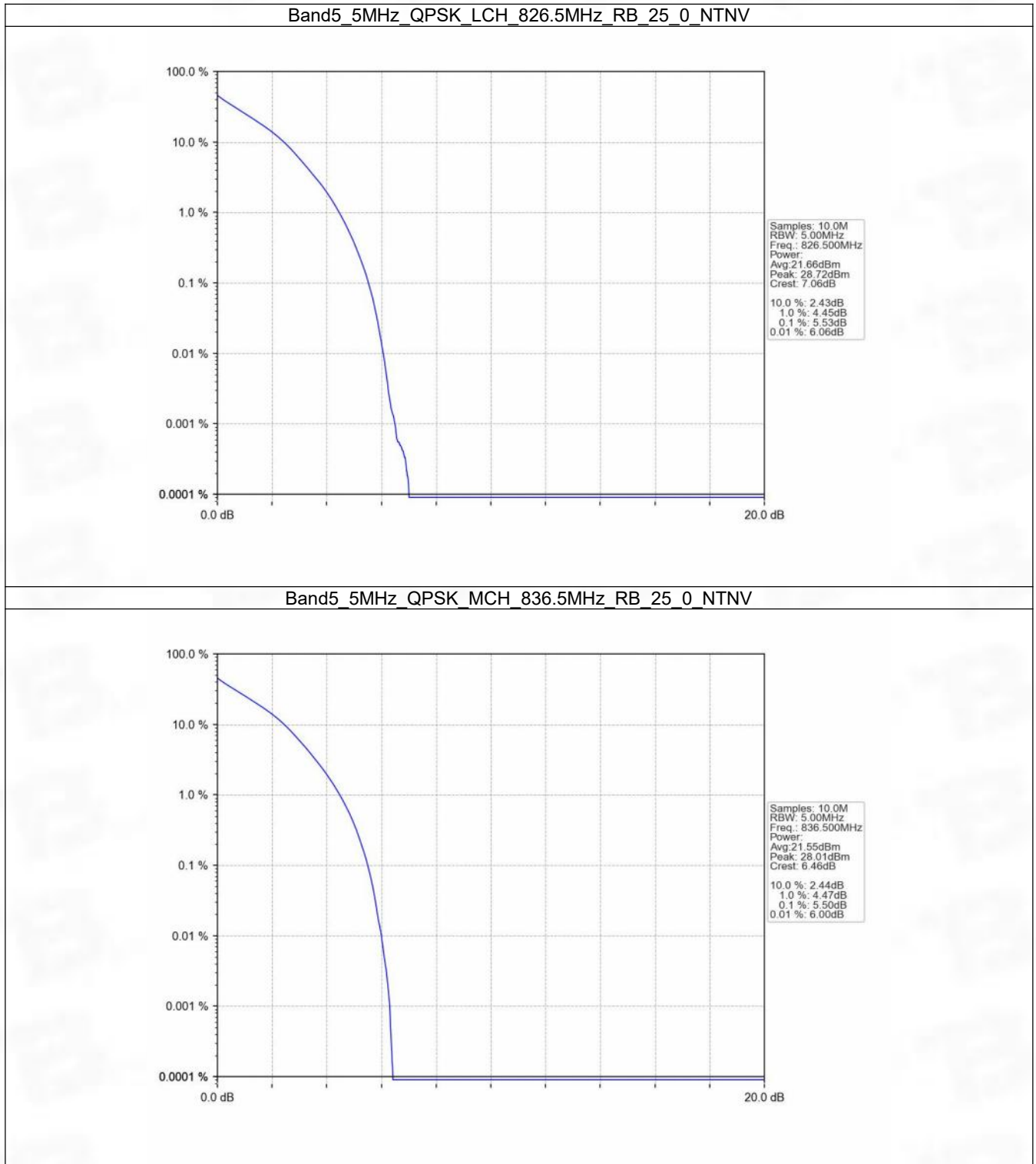
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



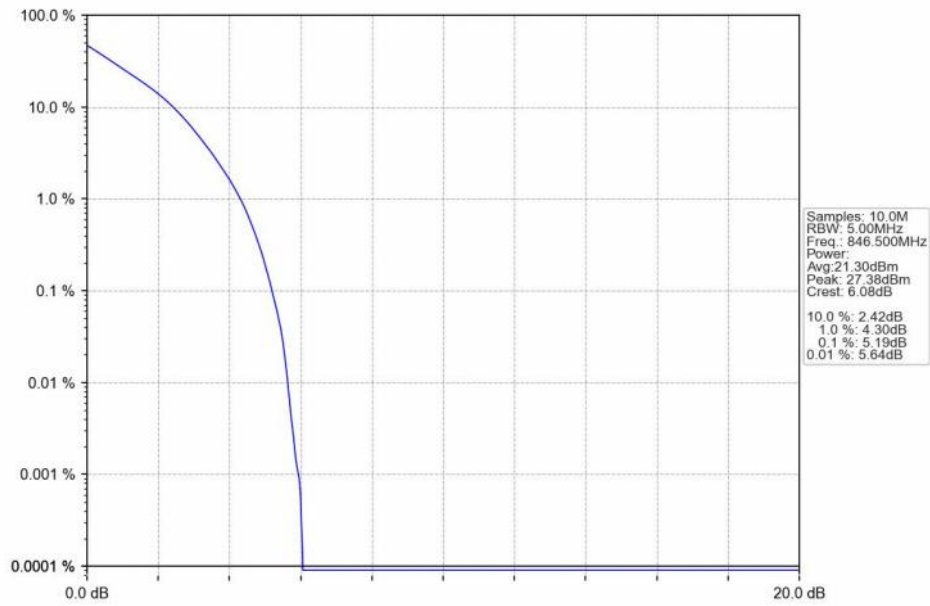
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



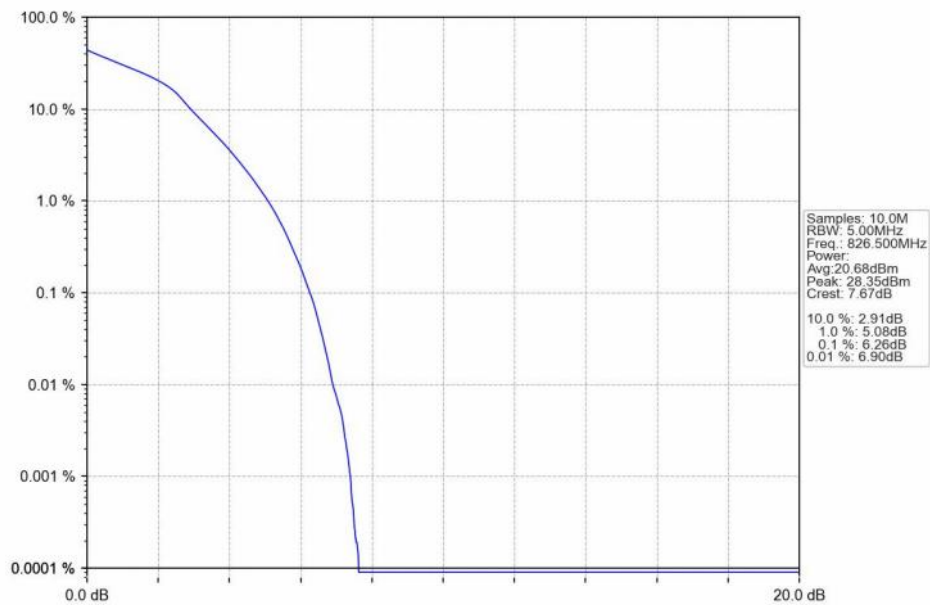
5.2.3 B5_5MHz



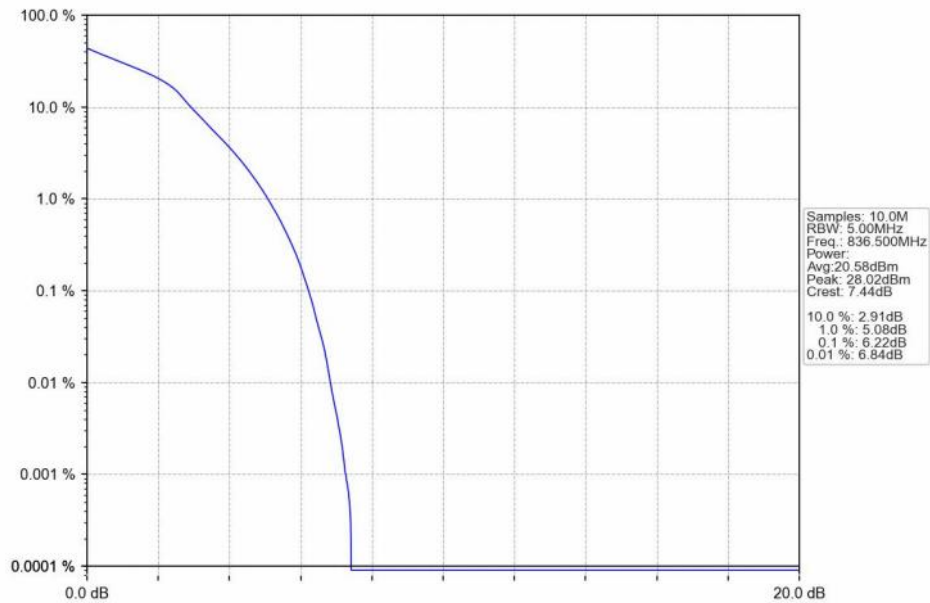
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



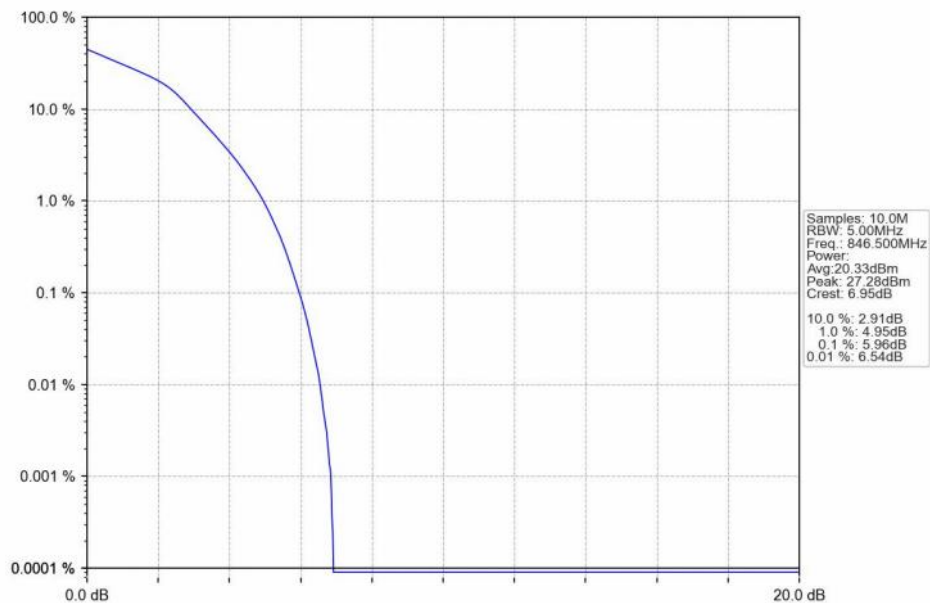
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



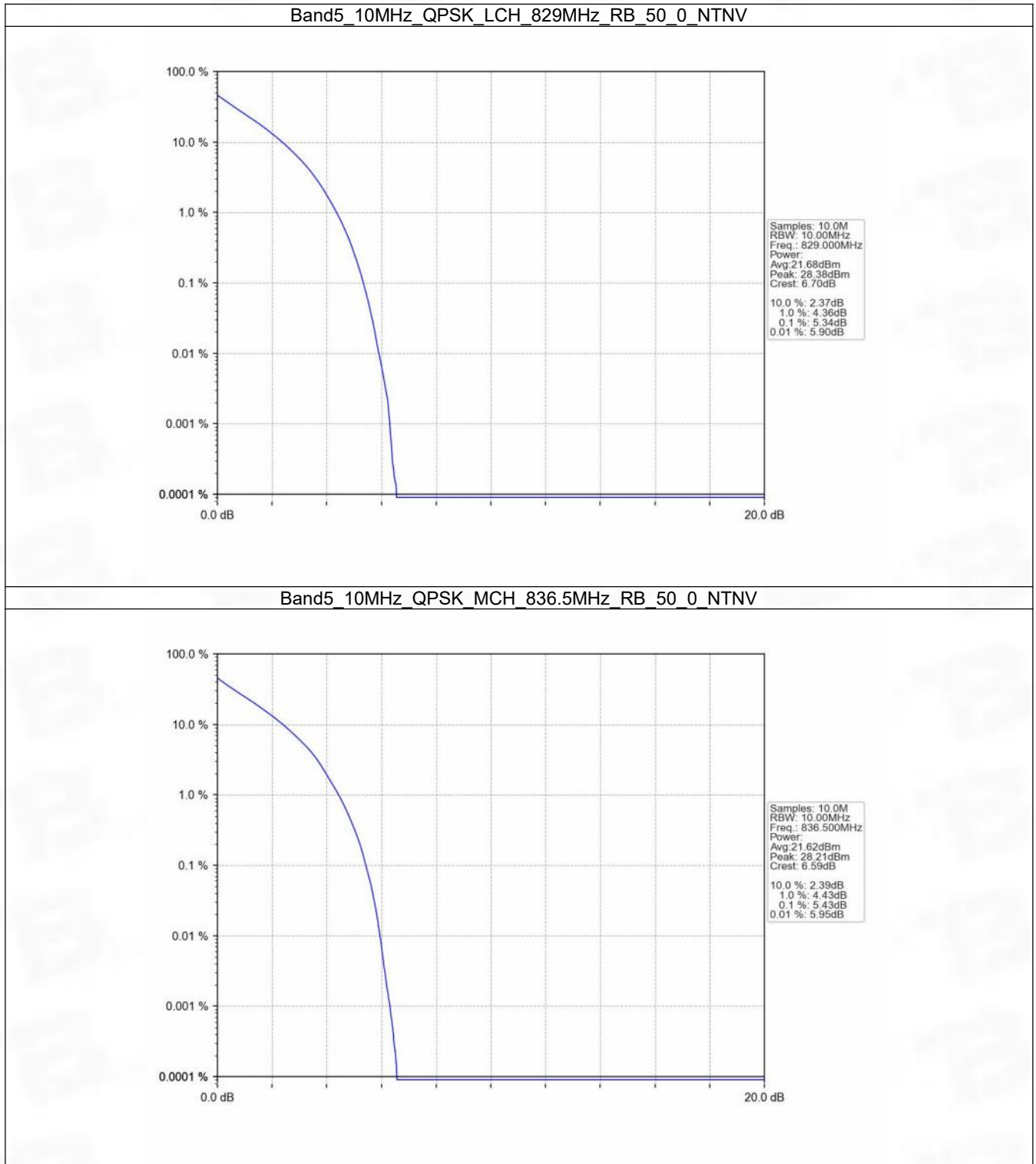
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



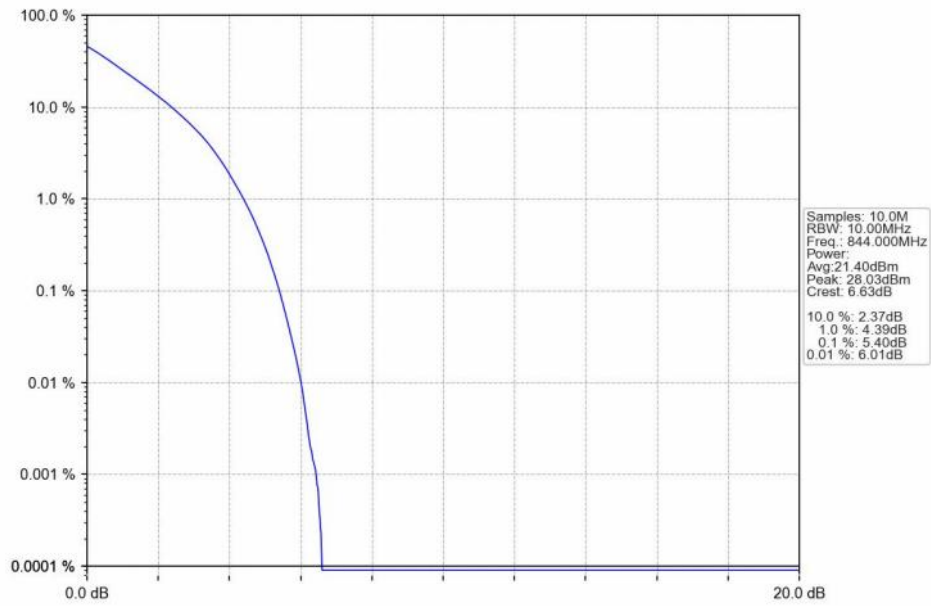
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



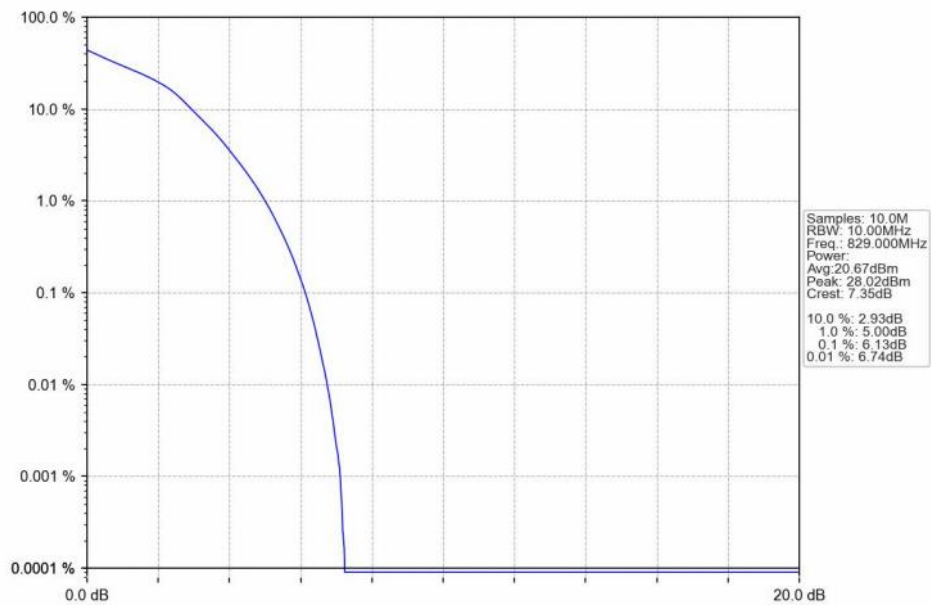
5.2.4 B5_10MHz



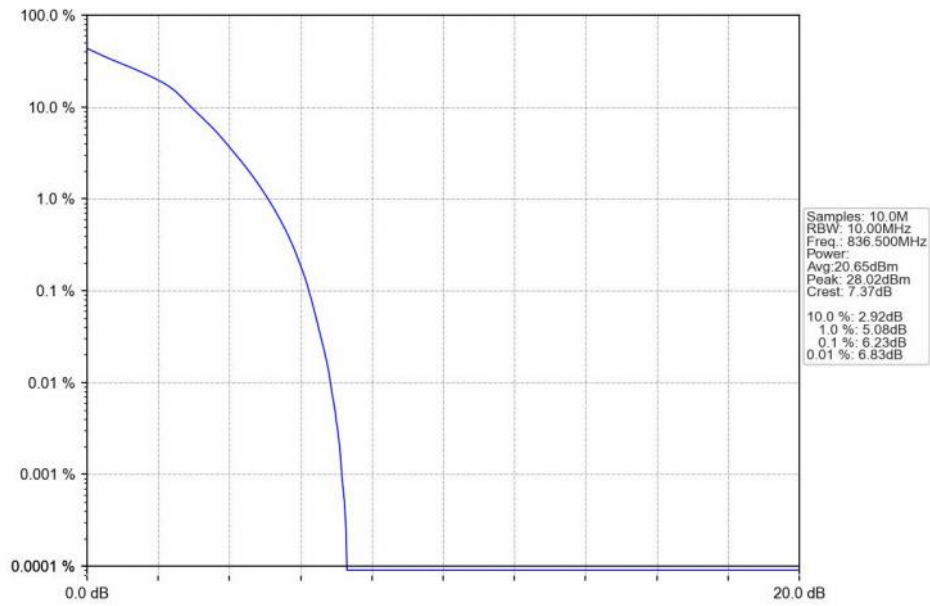
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



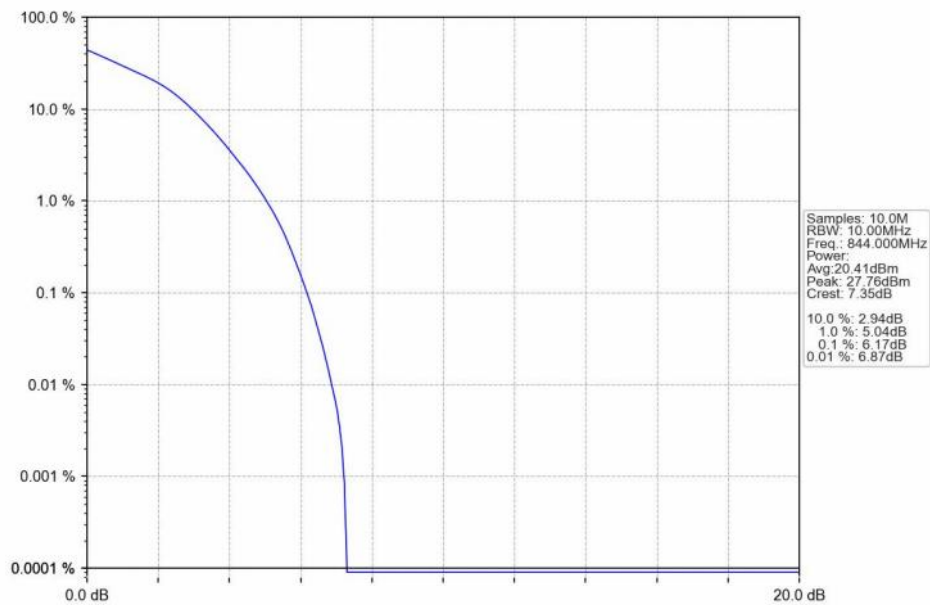
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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	
		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
		6	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
		6	0	Refer To Test Graph	Pass

6.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		15	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
		15	0	Refer To Test Graph	Pass

6.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		25	0	Refer To Test Graph	Pass
16QAM	826.5	1	0	Refer To Test Graph	Pass

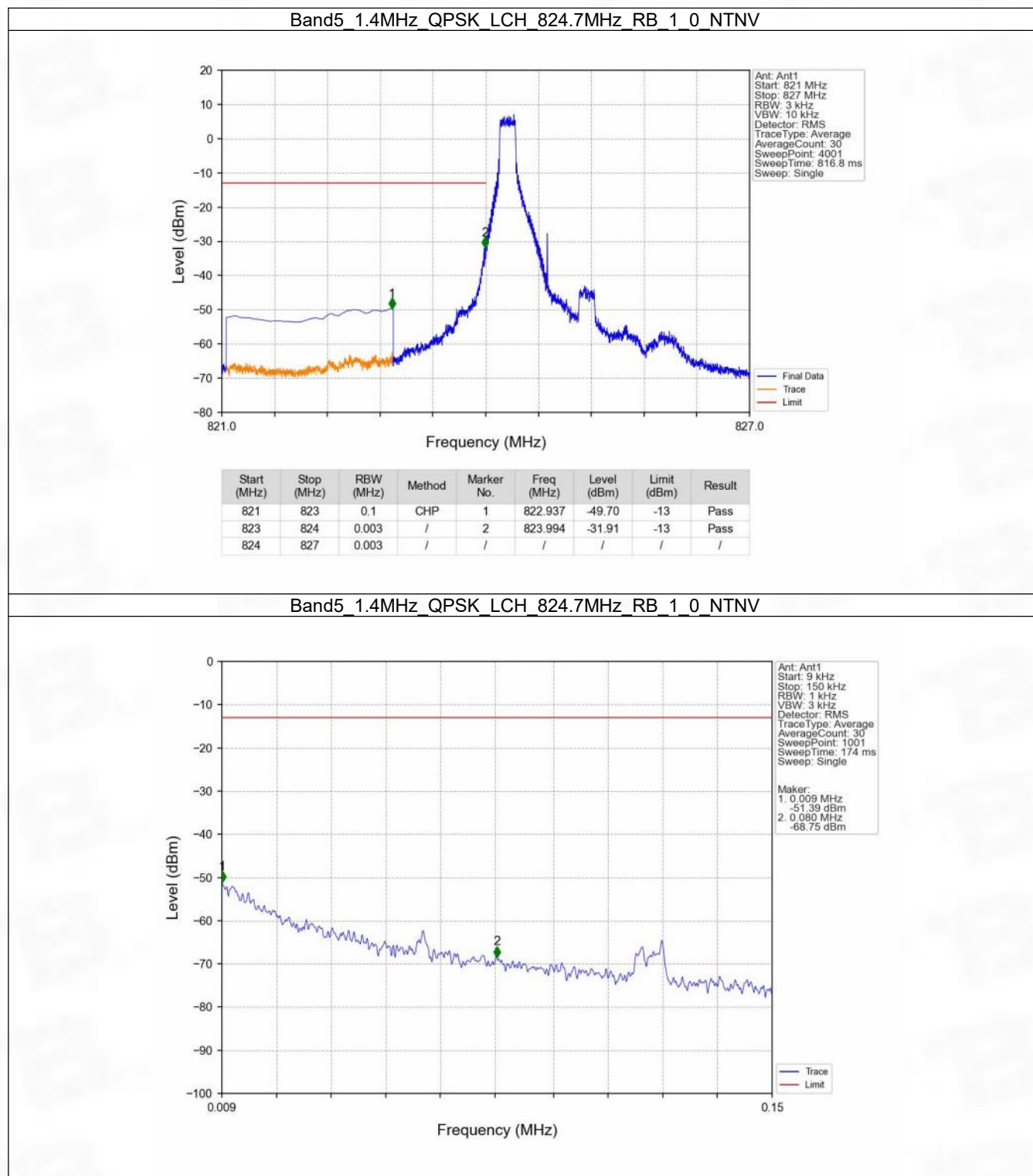
	836.5	25	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B5_10MHz

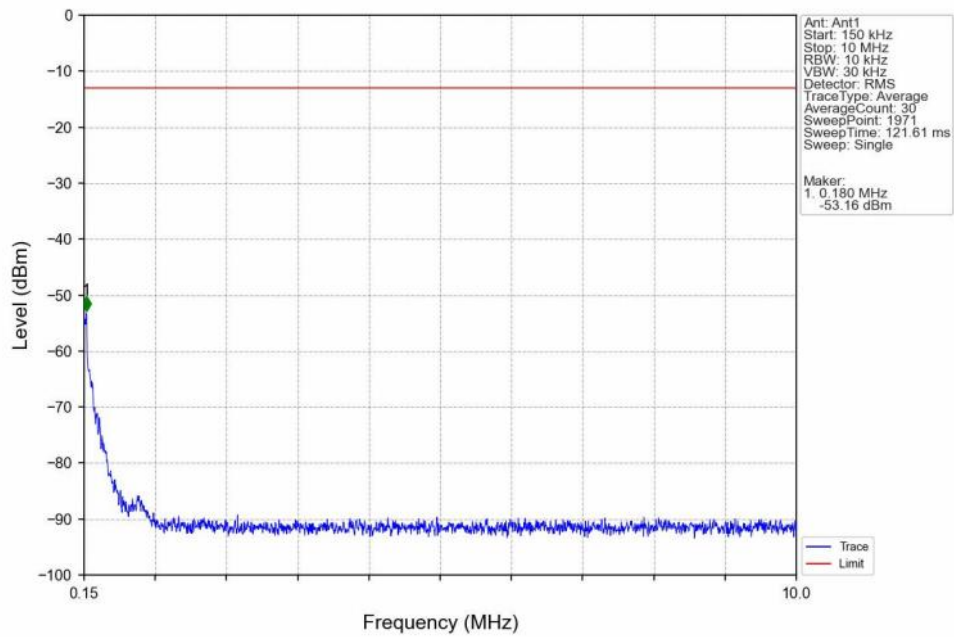
Band: 5 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	829	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	844	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50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

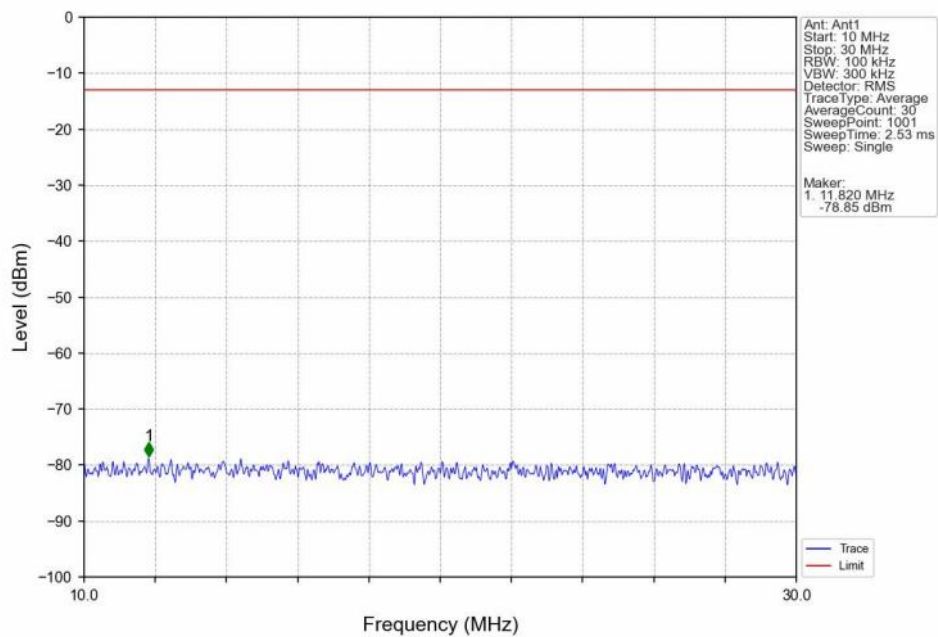
6.2.1 B5_1.4MHz



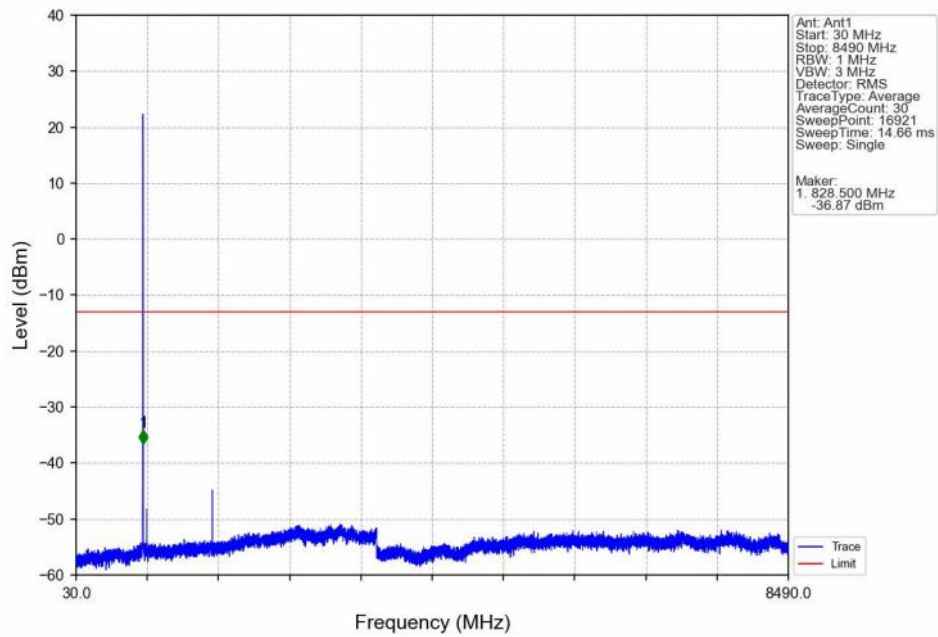
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



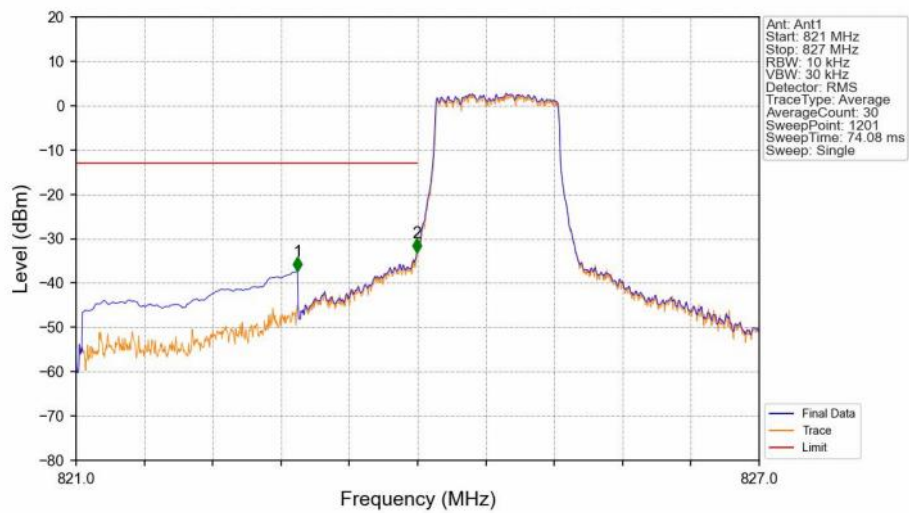
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

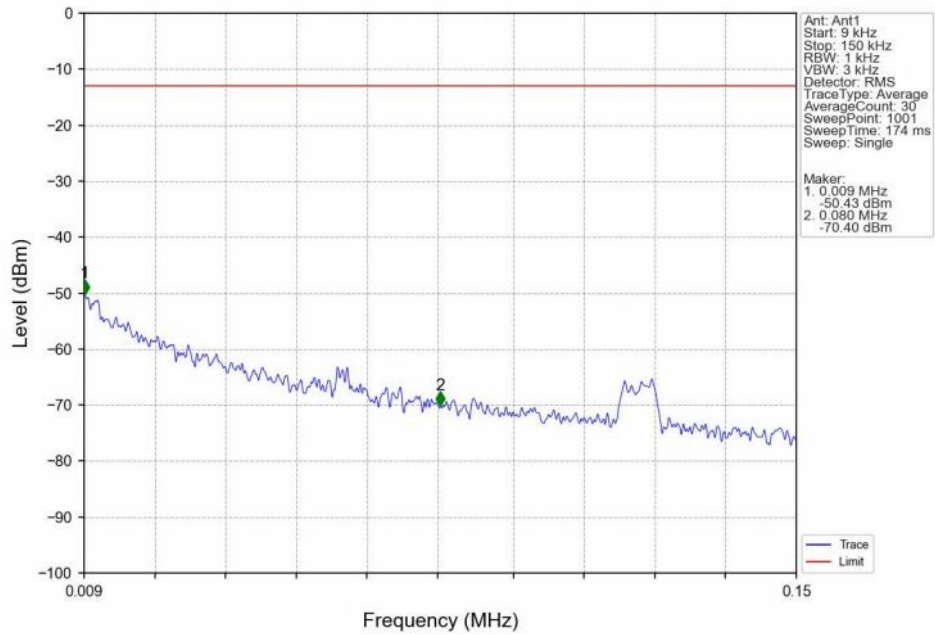


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-37.26	-13	Pass
823	824	0.013	CHP	2	823.995	-33.06	-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

