

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	21.76	-1.74	17.87	<=38.45	Pass
			2	21.87	-1.74	17.98	<=38.45	Pass
			5	21.74	-1.74	17.85	<=38.45	Pass
		3	0	21.85	-1.74	17.96	<=38.45	Pass
			2	21.90	-1.74	18.01	<=38.45	Pass
			3	21.85	-1.74	17.96	<=38.45	Pass
		6	0	20.85	-1.74	16.96	<=38.45	Pass
	836.5	1	0	21.68	-1.74	17.79	<=38.45	Pass
			2	21.78	-1.74	17.89	<=38.45	Pass
			5	21.67	-1.74	17.78	<=38.45	Pass
		3	0	21.73	-1.74	17.84	<=38.45	Pass
			2	21.77	-1.74	17.88	<=38.45	Pass
			3	21.76	-1.74	17.87	<=38.45	Pass
		6	0	20.73	-1.74	16.84	<=38.45	Pass
	848.3	1	0	21.69	-1.74	17.80	<=38.45	Pass
			2	21.82	-1.74	17.93	<=38.45	Pass
			5	21.72	-1.74	17.83	<=38.45	Pass
		3	0	21.80	-1.74	17.91	<=38.45	Pass
			2	21.84	-1.74	17.95	<=38.45	Pass
			3	21.80	-1.74	17.91	<=38.45	Pass
		6	0	20.81	-1.74	16.92	<=38.45	Pass
16QAM	824.7	1	0	20.72	-1.74	16.83	<=38.45	Pass
			2	20.87	-1.74	16.98	<=38.45	Pass
			5	20.74	-1.74	16.85	<=38.45	Pass
		3	0	20.99	-1.74	17.10	<=38.45	Pass
			2	21.06	-1.74	17.17	<=38.45	Pass
			3	21.01	-1.74	17.12	<=38.45	Pass
		6	0	19.90	-1.74	16.01	<=38.45	Pass
	836.5	1	0	20.65	-1.74	16.76	<=38.45	Pass
			2	20.77	-1.74	16.88	<=38.45	Pass
			5	20.69	-1.74	16.80	<=38.45	Pass
		3	0	20.77	-1.74	16.88	<=38.45	Pass
			2	20.77	-1.74	16.88	<=38.45	Pass
			3	20.75	-1.74	16.86	<=38.45	Pass
		6	0	19.70	-1.74	15.81	<=38.45	Pass
	848.3	1	0	20.83	-1.74	16.94	<=38.45	Pass
			2	20.97	-1.74	17.08	<=38.45	Pass
			5	20.81	-1.74	16.92	<=38.45	Pass
		3	0	20.72	-1.74	16.83	<=38.45	Pass
			2	20.77	-1.74	16.88	<=38.45	Pass
			3	20.74	-1.74	16.85	<=38.45	Pass
		6	0	19.86	-1.74	15.97	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B5_3MHz_ERP

Band: 5 / Bandwidth: 3MHz / NTNV								
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	21.83	-1.74	17.94	<=38.45	Pass
			7	22.03	-1.74	18.14	<=38.45	Pass
			14	21.83	-1.74	17.94	<=38.45	Pass
		8	0	20.85	-1.74	16.96	<=38.45	Pass
			4	20.86	-1.74	16.97	<=38.45	Pass
			7	20.82	-1.74	16.93	<=38.45	Pass
		15	0	20.81	-1.74	16.92	<=38.45	Pass
	836.5	1	0	21.66	-1.74	17.77	<=38.45	Pass
			7	21.85	-1.74	17.96	<=38.45	Pass
			14	21.69	-1.74	17.80	<=38.45	Pass
		8	0	20.73	-1.74	16.84	<=38.45	Pass
			4	20.75	-1.74	16.86	<=38.45	Pass
			7	20.70	-1.74	16.81	<=38.45	Pass
		15	0	20.68	-1.74	16.79	<=38.45	Pass
	847.5	1	0	21.76	-1.74	17.87	<=38.45	Pass
			7	21.89	-1.74	18.00	<=38.45	Pass
			14	21.74	-1.74	17.85	<=38.45	Pass
		8	0	20.78	-1.74	16.89	<=38.45	Pass
			4	20.82	-1.74	16.93	<=38.45	Pass
			7	20.81	-1.74	16.92	<=38.45	Pass
		15	0	20.76	-1.74	16.87	<=38.45	Pass
16QAM	825.5	1	0	20.85	-1.74	16.96	<=38.45	Pass
			7	21.05	-1.74	17.16	<=38.45	Pass
			14	20.80	-1.74	16.91	<=38.45	Pass
		8	0	19.95	-1.74	16.06	<=38.45	Pass
			4	19.98	-1.74	16.09	<=38.45	Pass
			7	19.96	-1.74	16.07	<=38.45	Pass
		15	0	19.93	-1.74	16.04	<=38.45	Pass
	836.5	1	0	20.90	-1.74	17.01	<=38.45	Pass
			7	20.98	-1.74	17.09	<=38.45	Pass
			14	20.85	-1.74	16.96	<=38.45	Pass
		8	0	19.74	-1.74	15.85	<=38.45	Pass
			4	19.81	-1.74	15.92	<=38.45	Pass
			7	19.72	-1.74	15.83	<=38.45	Pass
		15	0	19.70	-1.74	15.81	<=38.45	Pass
	847.5	1	0	21.26	-1.74	17.37	<=38.45	Pass
			7	21.39	-1.74	17.50	<=38.45	Pass
			14	21.27	-1.74	17.38	<=38.45	Pass
		8	0	19.96	-1.74	16.07	<=38.45	Pass
			4	20.02	-1.74	16.13	<=38.45	Pass
			7	19.99	-1.74	16.10	<=38.45	Pass
		15	0	19.88	-1.74	15.99	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	21.70	-1.74	17.81	<=38.45	Pass
			13	21.92	-1.74	18.03	<=38.45	Pass
			24	21.71	-1.74	17.82	<=38.45	Pass
		12	0	20.80	-1.74	16.91	<=38.45	Pass
			6	20.89	-1.74	17.00	<=38.45	Pass
			13	20.77	-1.74	16.88	<=38.45	Pass
		25	0	20.78	-1.74	16.89	<=38.45	Pass
	836.5	1	0	21.62	-1.74	17.73	<=38.45	Pass
			0	21.62	-1.74	17.73	<=38.45	Pass

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16QAM	846.5	12	13	21.75	-1.74	17.86	<=38.45	Pass
			24	21.56	-1.74	17.67	<=38.45	Pass
			0	20.71	-1.74	16.82	<=38.45	Pass
		25	6	20.71	-1.74	16.82	<=38.45	Pass
			13	20.65	-1.74	16.76	<=38.45	Pass
			0	20.67	-1.74	16.78	<=38.45	Pass
		1	0	21.64	-1.74	17.75	<=38.45	Pass
			13	21.77	-1.74	17.88	<=38.45	Pass
			24	21.67	-1.74	17.78	<=38.45	Pass
		12	0	20.79	-1.74	16.90	<=38.45	Pass
			6	20.81	-1.74	16.92	<=38.45	Pass
			13	20.79	-1.74	16.90	<=38.45	Pass
		25	0	20.73	-1.74	16.84	<=38.45	Pass
16QAM	826.5	1	0	20.83	-1.74	16.94	<=38.45	Pass
			13	20.96	-1.74	17.07	<=38.45	Pass
			24	20.80	-1.74	16.91	<=38.45	Pass
		12	0	19.83	-1.74	15.94	<=38.45	Pass
			6	19.90	-1.74	16.01	<=38.45	Pass
			13	19.82	-1.74	15.93	<=38.45	Pass
		25	0	19.91	-1.74	16.02	<=38.45	Pass
	836.5	1	0	20.86	-1.74	16.97	<=38.45	Pass
			13	21.00	-1.74	17.11	<=38.45	Pass
			24	20.83	-1.74	16.94	<=38.45	Pass
		12	0	19.78	-1.74	15.89	<=38.45	Pass
			6	19.82	-1.74	15.93	<=38.45	Pass
			13	19.72	-1.74	15.83	<=38.45	Pass
		25	0	19.73	-1.74	15.84	<=38.45	Pass
	846.5	1	0	20.49	-1.74	16.60	<=38.45	Pass
			13	20.60	-1.74	16.71	<=38.45	Pass
			24	20.50	-1.74	16.61	<=38.45	Pass
		12	0	19.76	-1.74	15.87	<=38.45	Pass
			6	19.81	-1.74	15.92	<=38.45	Pass
			13	19.73	-1.74	15.84	<=38.45	Pass
		25	0	19.81	-1.74	15.92	<=38.45	Pass

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	21.74	-1.74	17.85	<=38.45	Pass
			25	21.97	-1.74	18.08	<=38.45	Pass
			49	21.72	-1.74	17.83	<=38.45	Pass
		25	0	20.85	-1.74	16.96	<=38.45	Pass
			13	20.80	-1.74	16.91	<=38.45	Pass
			25	20.76	-1.74	16.87	<=38.45	Pass
		50	0	20.81	-1.74	16.92	<=38.45	Pass
	836.5	1	0	21.67	-1.74	17.78	<=38.45	Pass
			25	21.85	-1.74	17.96	<=38.45	Pass
			49	21.68	-1.74	17.79	<=38.45	Pass
		25	0	20.75	-1.74	16.86	<=38.45	Pass
			13	20.73	-1.74	16.84	<=38.45	Pass
			25	20.69	-1.74	16.80	<=38.45	Pass
		50	0	20.71	-1.74	16.82	<=38.45	Pass
	844	1	0	21.65	-1.74	17.76	<=38.45	Pass
			25	21.86	-1.74	17.97	<=38.45	Pass
			49	21.74	-1.74	17.85	<=38.45	Pass
		25	0	20.70	-1.74	16.81	<=38.45	Pass

16QAM	829	50	13	20.78	-1.74	16.89	<=38.45	Pass
			25	20.72	-1.74	16.83	<=38.45	Pass
			0	20.71	-1.74	16.82	<=38.45	Pass
		1	0	20.76	-1.74	16.87	<=38.45	Pass
			25	20.96	-1.74	17.07	<=38.45	Pass
			49	20.75	-1.74	16.86	<=38.45	Pass
		25	0	20.00	-1.74	16.11	<=38.45	Pass
			13	19.92	-1.74	16.03	<=38.45	Pass
			25	19.89	-1.74	16.00	<=38.45	Pass
		50	0	19.91	-1.74	16.02	<=38.45	Pass
	836.5	1	0	20.86	-1.74	16.97	<=38.45	Pass
			25	21.01	-1.74	17.12	<=38.45	Pass
			49	20.80	-1.74	16.91	<=38.45	Pass
		25	0	19.85	-1.74	15.96	<=38.45	Pass
			13	19.81	-1.74	15.92	<=38.45	Pass
			25	19.76	-1.74	15.87	<=38.45	Pass
		50	0	19.77	-1.74	15.88	<=38.45	Pass
	844	1	0	21.15	-1.74	17.26	<=38.45	Pass
			25	21.37	-1.74	17.48	<=38.45	Pass
			49	21.24	-1.74	17.35	<=38.45	Pass
		25	0	19.82	-1.74	15.93	<=38.45	Pass
			13	19.90	-1.74	16.01	<=38.45	Pass
			25	19.82	-1.74	15.93	<=38.45	Pass
		50	0	19.77	-1.74	15.88	<=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	-9.627	-0.0117	-2.5 to 2.5	Pass
					3.85	-12.317	-0.0149	-2.5 to 2.5	Pass
					4.43	-13.061	-0.0158	-2.5 to 2.5	Pass
				-30	3.85	-11.530	-0.0140	-2.5 to 2.5	Pass
				-20	3.85	6.523	0.0079	-2.5 to 2.5	Pass
				-10	3.85	-11.001	-0.0133	-2.5 to 2.5	Pass
				0	3.85	-7.596	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-10.586	-0.0128	-2.5 to 2.5	Pass
				30	3.85	7.181	0.0087	-2.5 to 2.5	Pass
				40	3.85	-7.911	-0.0096	-2.5 to 2.5	Pass
				50	3.85	-7.825	-0.0095	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-5.736	-0.0069	-2.5 to 2.5	Pass
					3.85	-6.638	-0.0079	-2.5 to 2.5	Pass
					4.43	-7.854	-0.0094	-2.5 to 2.5	Pass
				-30	3.85	-6.437	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-7.753	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-6.351	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-4.692	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-6.995	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-5.622	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-9.270	-0.0111	-2.5 to 2.5	Pass
				50	3.85	-4.592	-0.0055	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-2.775	-0.0033	-2.5 to 2.5	Pass

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						3.85	-4.721	-0.0056	-2.5 to 2.5	Pass
						4.43	-10.285	-0.0121	-2.5 to 2.5	Pass
					-30	3.85	-4.106	-0.0048	-2.5 to 2.5	Pass
					-20	3.85	-4.878	-0.0058	-2.5 to 2.5	Pass
					-10	3.85	-8.454	-0.0100	-2.5 to 2.5	Pass
					0	3.85	-8.683	-0.0102	-2.5 to 2.5	Pass
					10	3.85	-7.238	-0.0085	-2.5 to 2.5	Pass
					30	3.85	-5.007	-0.0059	-2.5 to 2.5	Pass
					40	3.85	-4.606	-0.0054	-2.5 to 2.5	Pass
					50	3.85	-4.950	-0.0058	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20		3.27	-6.337	-0.0077	-2.5 to 2.5	Pass
						3.85	-5.379	-0.0065	-2.5 to 2.5	Pass
						4.43	-5.479	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-3.834	-0.0046	-2.5 to 2.5	Pass	
				-20	3.85	-4.435	-0.0054	-2.5 to 2.5	Pass	
				-10	3.85	-5.007	-0.0061	-2.5 to 2.5	Pass	
				0	3.85	-6.051	-0.0073	-2.5 to 2.5	Pass	
				10	3.85	-10.357	-0.0126	-2.5 to 2.5	Pass	
				30	3.85	-4.077	-0.0049	-2.5 to 2.5	Pass	
				40	3.85	-7.739	-0.0094	-2.5 to 2.5	Pass	
	50	3.85	-7.281	-0.0088	-2.5 to 2.5	Pass				
	836.5	6	0	20		3.27	-5.393	-0.0064	-2.5 to 2.5	Pass
						3.85	-5.937	-0.0071	-2.5 to 2.5	Pass
						4.43	-8.426	-0.0101	-2.5 to 2.5	Pass
				-30	3.85	-3.734	-0.0045	-2.5 to 2.5	Pass	
				-20	3.85	-5.507	-0.0066	-2.5 to 2.5	Pass	
				-10	3.85	-7.310	-0.0087	-2.5 to 2.5	Pass	
				0	3.85	-7.596	-0.0091	-2.5 to 2.5	Pass	
				10	3.85	-3.691	-0.0044	-2.5 to 2.5	Pass	
				30	3.85	-6.008	-0.0072	-2.5 to 2.5	Pass	
				40	3.85	-6.766	-0.0081	-2.5 to 2.5	Pass	
	50	3.85	-3.748	-0.0045	-2.5 to 2.5	Pass				
	848.3	6	0	20		3.27	-4.792	-0.0056	-2.5 to 2.5	Pass
						3.85	-6.695	-0.0079	-2.5 to 2.5	Pass
						4.43	-2.460	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-5.465	-0.0064	-2.5 to 2.5	Pass	
				-20	3.85	-7.181	-0.0085	-2.5 to 2.5	Pass	
				-10	3.85	-3.819	-0.0045	-2.5 to 2.5	Pass	
				0	3.85	-8.097	-0.0095	-2.5 to 2.5	Pass	
				10	3.85	-8.240	-0.0097	-2.5 to 2.5	Pass	
30				3.85	-6.580	-0.0078	-2.5 to 2.5	Pass		
40				3.85	-10.028	-0.0118	-2.5 to 2.5	Pass		
50	3.85	-5.851	-0.0069	-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	-4.306	-0.0052	-2.5 to 2.5	Pass
					3.85	-4.892	-0.0059	-2.5 to 2.5	Pass
					4.43	-11.830	-0.0143	-2.5 to 2.5	Pass
				-30	3.85	-2.861	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-8.941	-0.0108	-2.5 to 2.5	Pass
				-10	3.85	-6.995	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-5.536	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-7.725	-0.0094	-2.5 to 2.5	Pass
				30	3.85	-4.892	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-4.878	-0.0059	-2.5 to 2.5	Pass

16QAM	836.5	15	0	50	3.85	-8.011	-0.0097	-2.5 to 2.5	Pass
				20	3.27	-3.834	-0.0046	-2.5 to 2.5	Pass
					3.85	-6.595	-0.0079	-2.5 to 2.5	Pass
					4.43	-4.878	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-7.081	-0.0085	-2.5 to 2.5	Pass
				-20	3.85	-3.462	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-5.465	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-3.290	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-9.441	-0.0113	-2.5 to 2.5	Pass
				30	3.85	-4.234	-0.0051	-2.5 to 2.5	Pass
	847.5	15	0	40	3.85	-9.470	-0.0113	-2.5 to 2.5	Pass
				50	3.85	-9.212	-0.0110	-2.5 to 2.5	Pass
				20	3.27	-7.467	-0.0088	-2.5 to 2.5	Pass
					3.85	-8.154	-0.0096	-2.5 to 2.5	Pass
					4.43	-6.866	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	-8.569	-0.0101	-2.5 to 2.5	Pass
				-20	3.85	-7.997	-0.0094	-2.5 to 2.5	Pass
				-10	3.85	-7.453	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-4.406	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-5.078	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-5.651	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-7.110	-0.0084	-2.5 to 2.5	Pass
				50	3.85	-8.941	-0.0105	-2.5 to 2.5	Pass
	825.5	15	0	20	3.27	-9.542	-0.0116	-2.5 to 2.5	Pass
					3.85	-5.450	-0.0066	-2.5 to 2.5	Pass
					4.43	-6.938	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	-4.034	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-7.710	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-5.937	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-6.666	-0.0081	-2.5 to 2.5	Pass
				10	3.85	-1.259	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.388	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-4.334	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-4.392	-0.0053	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-6.323	-0.0076	-2.5 to 2.5	Pass
					3.85	-3.762	-0.0045	-2.5 to 2.5	Pass
					4.43	-5.393	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-6.680	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-4.721	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-5.150	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-7.095	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-5.808	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-4.478	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-9.155	-0.0109	-2.5 to 2.5	Pass
	847.5	15	0	50	3.85	-5.608	-0.0067	-2.5 to 2.5	Pass
				20	3.27	-2.518	-0.0030	-2.5 to 2.5	Pass
					3.85	-9.212	-0.0109	-2.5 to 2.5	Pass
					4.43	-7.539	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-8.883	-0.0105	-2.5 to 2.5	Pass
				-20	3.85	-8.440	-0.0100	-2.5 to 2.5	Pass
				-10	3.85	-3.920	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-6.638	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-0.844	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-3.877	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-7.138	-0.0084	-2.5 to 2.5	Pass
				50	3.85	-4.520	-0.0053	-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	-5.579	-0.0068	-2.5 to 2.5	Pass
					3.85	-5.636	-0.0068	-2.5 to 2.5	Pass
					4.43	-9.441	-0.0114	-2.5 to 2.5	Pass
				-30	3.85	-7.381	-0.0089	-2.5 to 2.5	Pass
				-20	3.85	-8.497	-0.0103	-2.5 to 2.5	Pass
				-10	3.85	-3.777	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-11.830	-0.0143	-2.5 to 2.5	Pass
				10	3.85	-8.712	-0.0105	-2.5 to 2.5	Pass
				30	3.85	-7.854	-0.0095	-2.5 to 2.5	Pass
				40	3.85	-8.469	-0.0102	-2.5 to 2.5	Pass
				50	3.85	-8.569	-0.0104	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-4.621	-0.0055	-2.5 to 2.5	Pass
					3.85	-9.384	-0.0112	-2.5 to 2.5	Pass
					4.43	-5.293	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-3.304	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-6.680	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-6.852	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-7.496	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-6.752	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-3.090	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-6.952	-0.0083	-2.5 to 2.5	Pass
				50	3.85	-6.537	-0.0078	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-6.037	-0.0071	-2.5 to 2.5	Pass
					3.85	-8.597	-0.0102	-2.5 to 2.5	Pass
					4.43	-10.614	-0.0125	-2.5 to 2.5	Pass
				-30	3.85	-7.911	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-9.356	-0.0111	-2.5 to 2.5	Pass
				-10	3.85	-12.288	-0.0145	-2.5 to 2.5	Pass
				0	3.85	-11.044	-0.0130	-2.5 to 2.5	Pass
				10	3.85	-9.384	-0.0111	-2.5 to 2.5	Pass
				30	3.85	-8.111	-0.0096	-2.5 to 2.5	Pass
				40	3.85	-8.740	-0.0103	-2.5 to 2.5	Pass
				50	3.85	-10.157	-0.0120	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-7.911	-0.0096	-2.5 to 2.5	Pass
					3.85	-7.811	-0.0095	-2.5 to 2.5	Pass
					4.43	-6.094	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-3.991	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-6.909	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-6.008	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-8.082	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-9.212	-0.0111	-2.5 to 2.5	Pass
				30	3.85	-3.104	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-8.869	-0.0107	-2.5 to 2.5	Pass
				50	3.85	-9.327	-0.0113	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-9.241	-0.0110	-2.5 to 2.5	Pass
					3.85	-5.665	-0.0068	-2.5 to 2.5	Pass
					4.43	-3.891	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-5.507	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-5.507	-0.0066	-2.5 to 2.5	Pass
				-10	3.85	-4.048	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-3.204	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-8.311	-0.0099	-2.5 to 2.5	Pass
				30	3.85	-8.354	-0.0100	-2.5 to 2.5	Pass
				40	3.85	-11.573	-0.0138	-2.5 to 2.5	Pass
				50	3.85	-2.575	-0.0031	-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	-7.668	-0.0091	-2.5 to 2.5	Pass
					4.43	-10.371	-0.0123	-2.5 to 2.5	Pass
				-30	3.85	-8.640	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-10.586	-0.0125	-2.5 to 2.5	Pass
				-10	3.85	-4.621	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-4.592	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-12.732	-0.0150	-2.5 to 2.5	Pass
				30	3.85	-13.647	-0.0161	-2.5 to 2.5	Pass
				40	3.85	-9.956	-0.0118	-2.5 to 2.5	Pass
				50	3.85	-8.311	-0.0098	-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	-8.125	-0.0098	-2.5 to 2.5	Pass
					3.85	-9.184	-0.0111	-2.5 to 2.5	Pass
					4.43	-7.567	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-1.187	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-9.170	-0.0111	-2.5 to 2.5	Pass
				-10	3.85	-5.493	-0.0066	-2.5 to 2.5	Pass
				0	3.85	-7.367	-0.0089	-2.5 to 2.5	Pass
				10	3.85	-3.948	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-8.025	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-8.326	-0.0100	-2.5 to 2.5	Pass
				50	3.85	-9.384	-0.0113	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-4.892	-0.0058	-2.5 to 2.5	Pass
					3.85	-7.195	-0.0086	-2.5 to 2.5	Pass
					4.43	-5.894	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-4.148	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-7.896	-0.0094	-2.5 to 2.5	Pass
				-10	3.85	-8.168	-0.0098	-2.5 to 2.5	Pass
				0	3.85	-8.540	-0.0102	-2.5 to 2.5	Pass
				10	3.85	-7.553	-0.0090	-2.5 to 2.5	Pass
				30	3.85	-4.077	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-6.995	-0.0084	-2.5 to 2.5	Pass
				50	3.85	-7.925	-0.0095	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-6.824	-0.0081	-2.5 to 2.5	Pass
					3.85	-8.025	-0.0095	-2.5 to 2.5	Pass
					4.43	-7.567	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-5.736	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-6.423	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-6.509	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-8.926	-0.0106	-2.5 to 2.5	Pass
				10	3.85	-6.723	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-5.450	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-4.992	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-8.297	-0.0098	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-6.180	-0.0075	-2.5 to 2.5	Pass
					3.85	-6.795	-0.0082	-2.5 to 2.5	Pass
					4.43	-9.184	-0.0111	-2.5 to 2.5	Pass
				-30	3.85	-5.107	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-6.437	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	-8.054	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-5.593	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-11.086	-0.0134	-2.5 to 2.5	Pass
				30	3.85	-9.398	-0.0113	-2.5 to 2.5	Pass
				40	3.85	-4.892	-0.0059	-2.5 to 2.5	Pass

	836.5	50	0	50	3.85	-8.354	-0.0101	-2.5 to 2.5	Pass
				20	3.27	-3.862	-0.0046	-2.5 to 2.5	Pass
					3.85	-3.605	-0.0043	-2.5 to 2.5	Pass
					4.43	-8.912	-0.0107	-2.5 to 2.5	Pass
				-30	3.85	-3.705	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-2.289	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-7.353	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-7.582	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-6.709	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-6.137	-0.0073	-2.5 to 2.5	Pass
	844	50	0	40	3.85	-8.368	-0.0100	-2.5 to 2.5	Pass
				50	3.85	-4.191	-0.0050	-2.5 to 2.5	Pass
				20	3.27	-5.050	-0.0060	-2.5 to 2.5	Pass
					3.85	-7.324	-0.0087	-2.5 to 2.5	Pass
					4.43	-3.419	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-6.309	-0.0075	-2.5 to 2.5	Pass
				-20	3.85	-5.479	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-6.208	-0.0074	-2.5 to 2.5	Pass
				0	3.85	-9.098	-0.0108	-2.5 to 2.5	Pass
				10	3.85	-5.922	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-9.212	-0.0109	-2.5 to 2.5	Pass
				40	3.85	-6.237	-0.0074	-2.5 to 2.5	Pass
				50	3.85	-8.097	-0.0096	-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 / NTVN						
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 / NTVN						
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

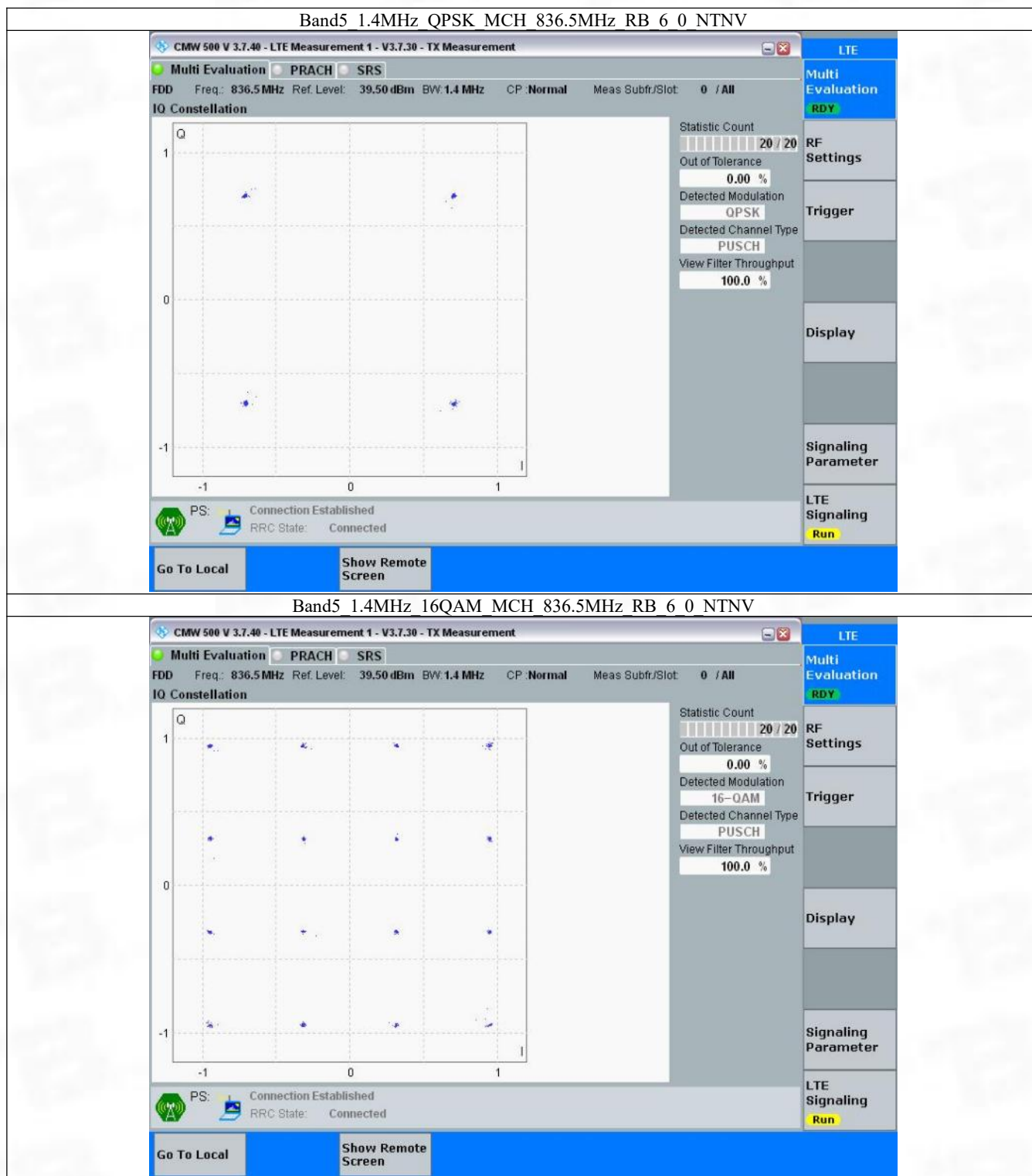
3.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTN-V				
Modulation	Frequency	RB Allocation	Modulation Characteristics	Verdict

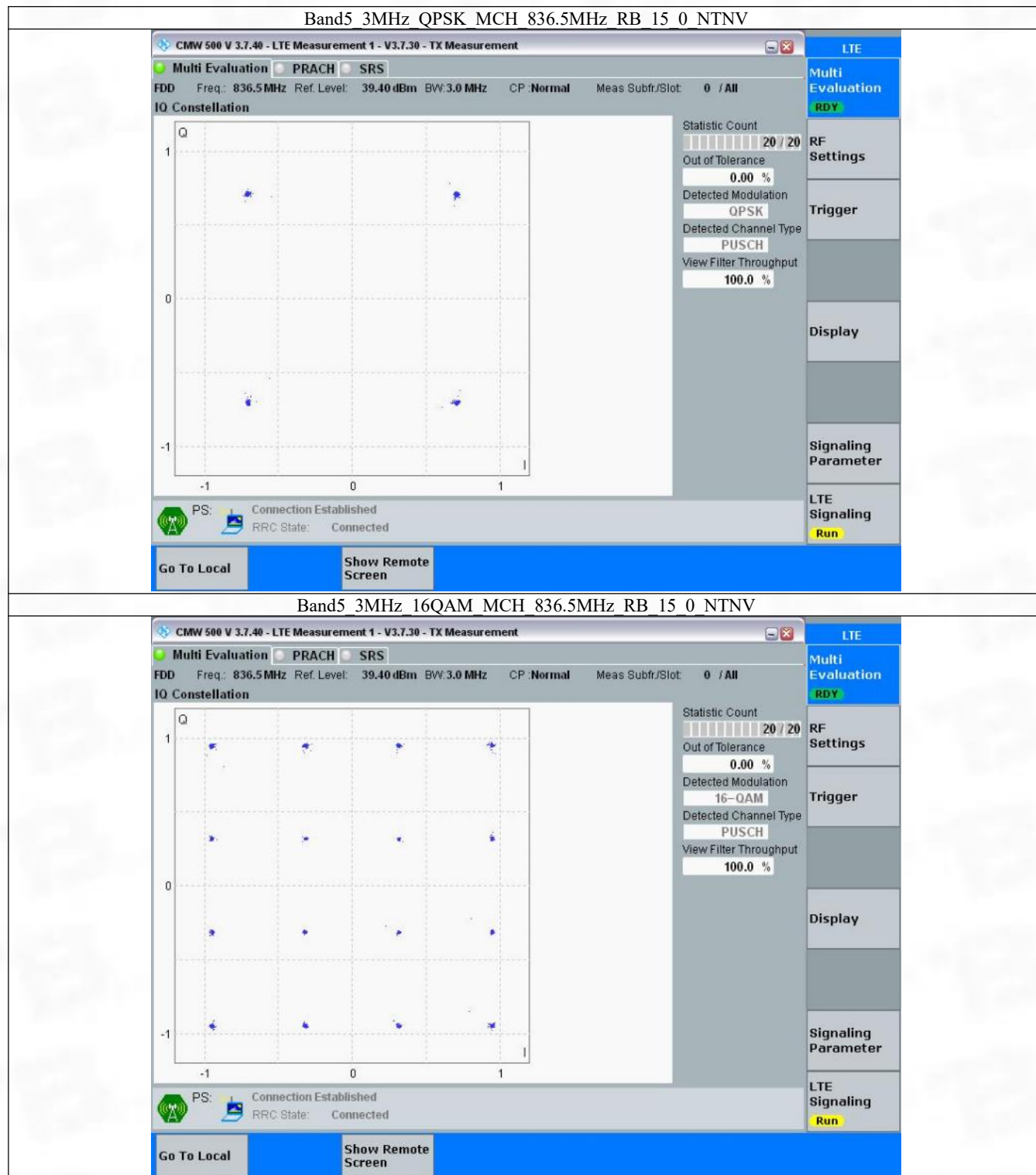
	(MHz)	Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

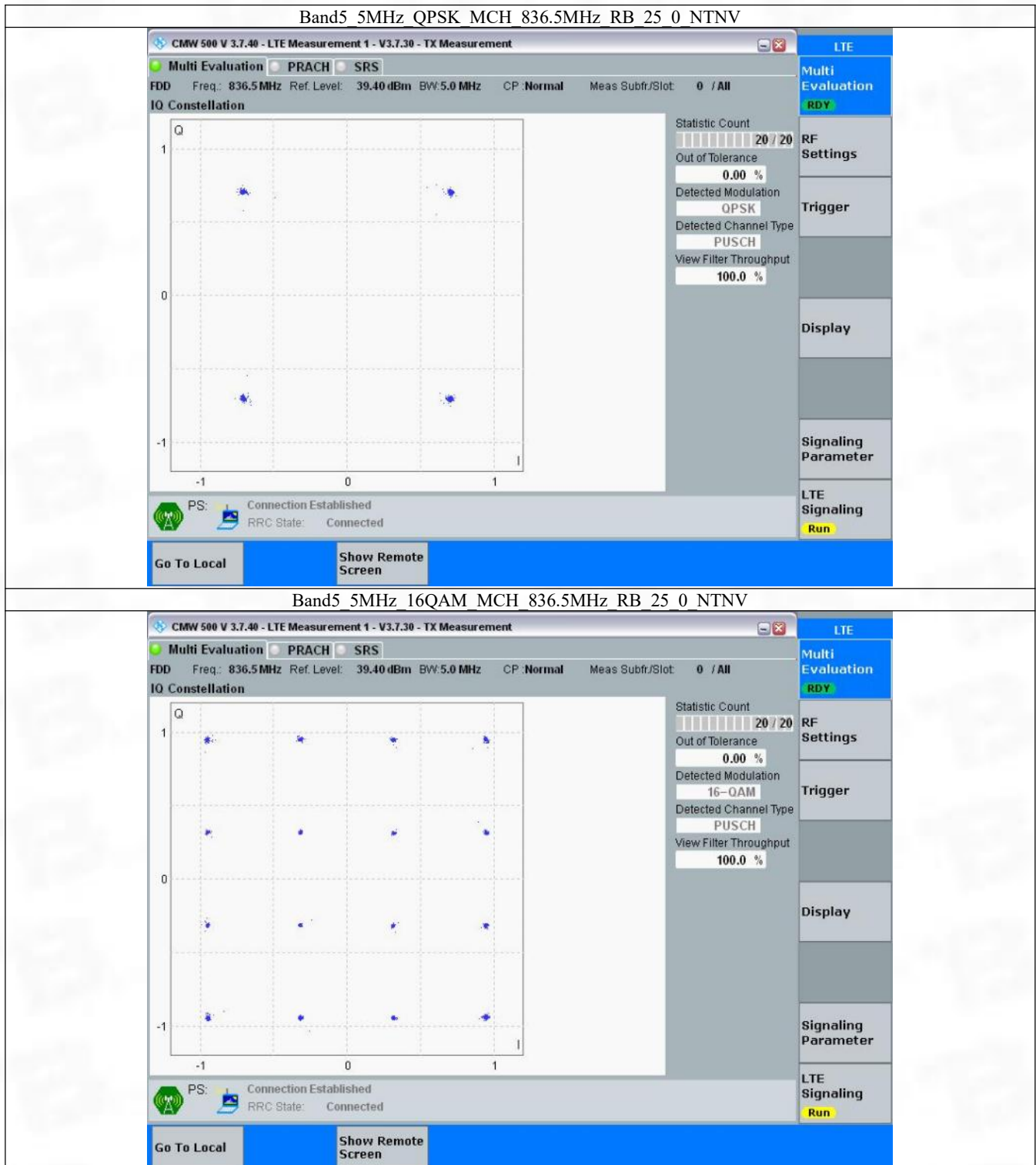
3.2.1 B5_1.4MHz



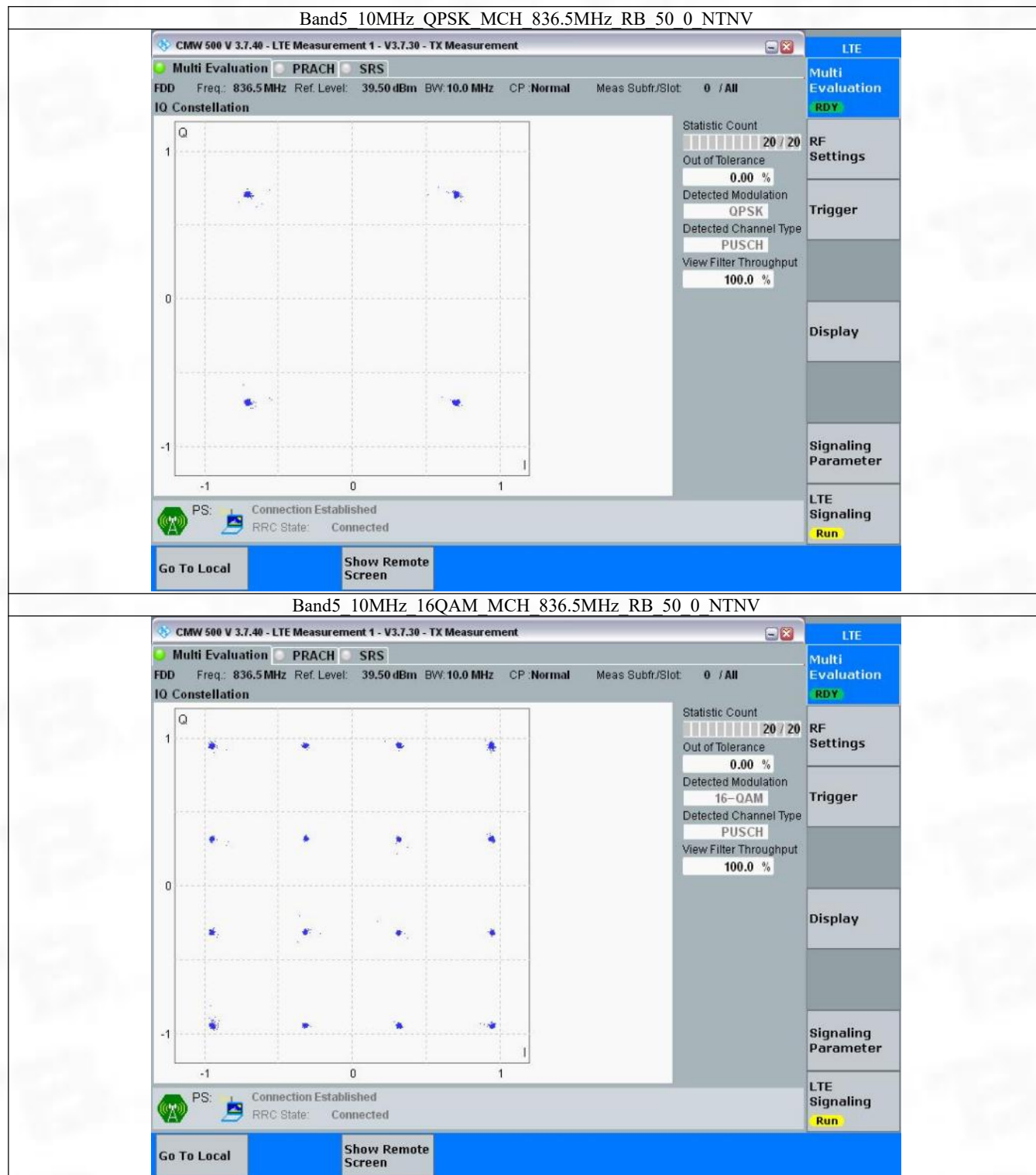
3.2.2 B5_3MHz



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	1.109	/	Pass
		836.5	6	0	1.109	/	Pass
		848.3	6	0	1.113	/	Pass
	16QAM	824.7	6	0	1.114	/	Pass
		836.5	6	0	1.101	/	Pass
		848.3	6	0	1.105	/	Pass
3	QPSK	825.5	15	0	2.731	/	Pass
		836.5	15	0	2.717	/	Pass
		847.5	15	0	2.718	/	Pass
	16QAM	825.5	15	0	2.720	/	Pass
		836.5	15	0	2.713	/	Pass
		847.5	15	0	2.714	/	Pass
5	QPSK	826.5	25	0	4.548	/	Pass
		836.5	25	0	4.540	/	Pass
		846.5	25	0	4.556	/	Pass
	16QAM	826.5	25	0	4.550	/	Pass
		836.5	25	0	4.545	/	Pass
		846.5	25	0	4.529	/	Pass
10	QPSK	829	50	0	9.066	/	Pass
		836.5	50	0	9.037	/	Pass
		844	50	0	9.048	/	Pass
	16QAM	829	50	0	9.047	/	Pass
		836.5	50	0	9.045	/	Pass
		844	50	0	9.073	/	Pass

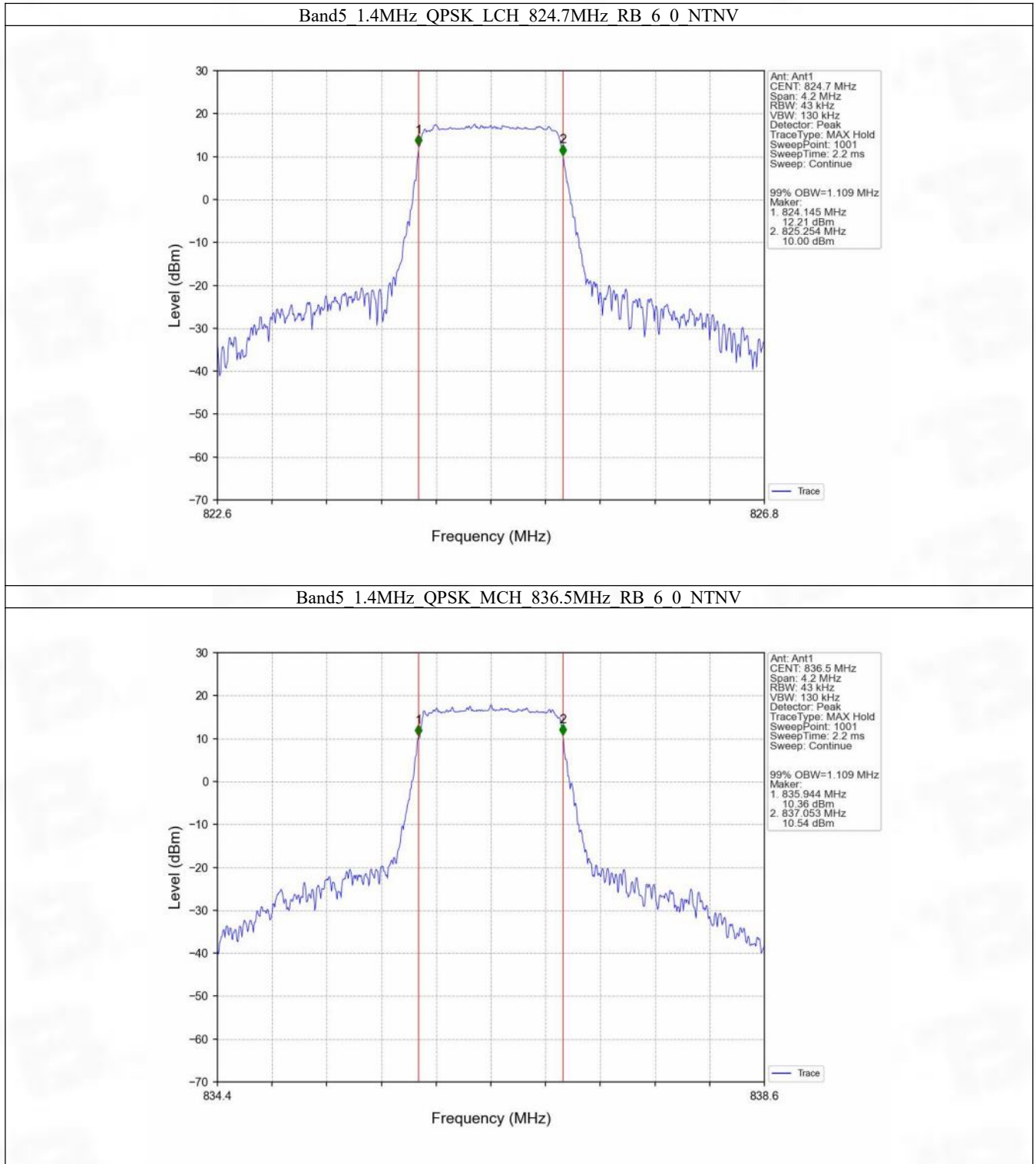
4.1.2 Band5_XDB

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	1.323	/	Pass
		836.5	6	0	1.317	/	Pass
		848.3	6	0	1.314	/	Pass
	16QAM	824.7	6	0	1.321	/	Pass
		836.5	6	0	1.304	/	Pass
		848.3	6	0	1.324	/	Pass
3	QPSK	825.5	15	0	2.996	/	Pass
		836.5	15	0	2.983	/	Pass
		847.5	15	0	3.000	/	Pass
	16QAM	825.5	15	0	2.993	/	Pass
		836.5	15	0	2.984	/	Pass
		847.5	15	0	3.015	/	Pass
5	QPSK	826.5	25	0	4.995	/	Pass
		836.5	25	0	5.006	/	Pass
		846.5	25	0	5.041	/	Pass
	16QAM	826.5	25	0	5.025	/	Pass
		836.5	25	0	5.020	/	Pass

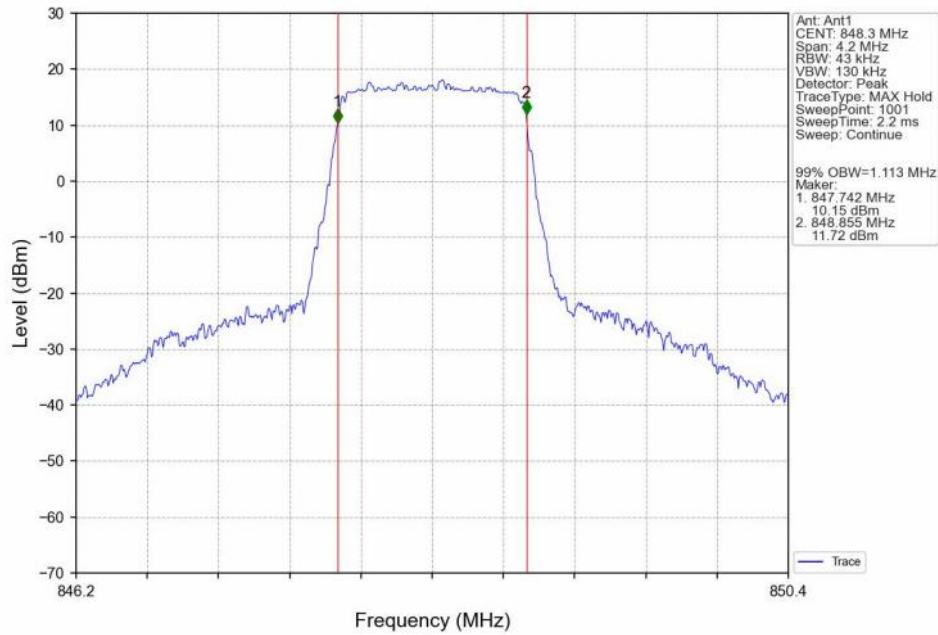
10	QPSK	846.5	25	0	4.995	/	Pass
		829	50	0	9.959	/	Pass
		836.5	50	0	9.946	/	Pass
		844	50	0	9.996	/	Pass
	16QAM	829	50	0	9.954	/	Pass
		836.5	50	0	9.935	/	Pass
		844	50	0	9.918	/	Pass

4.2 Test Graph

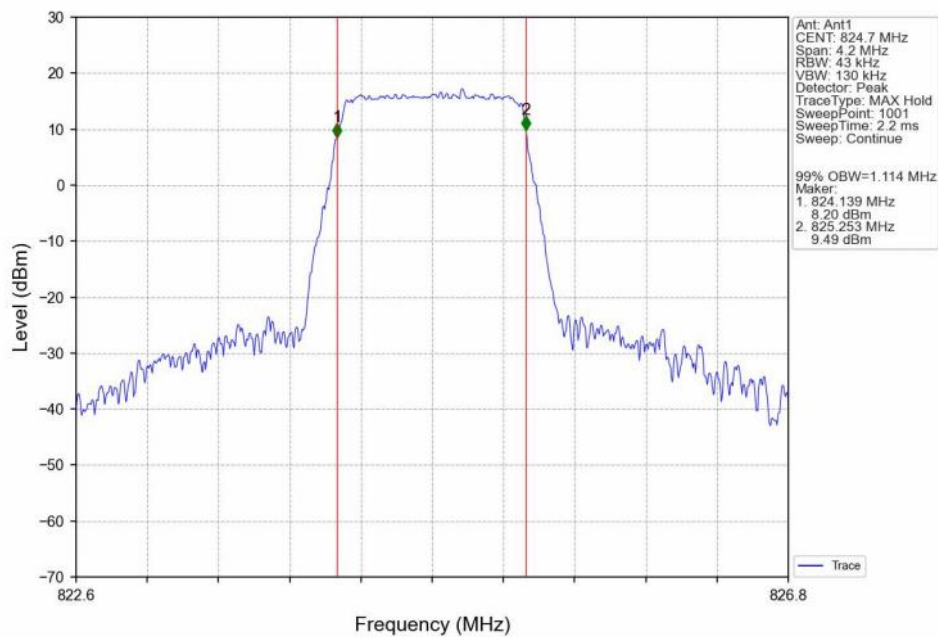
4.2.1 Band5_OBW



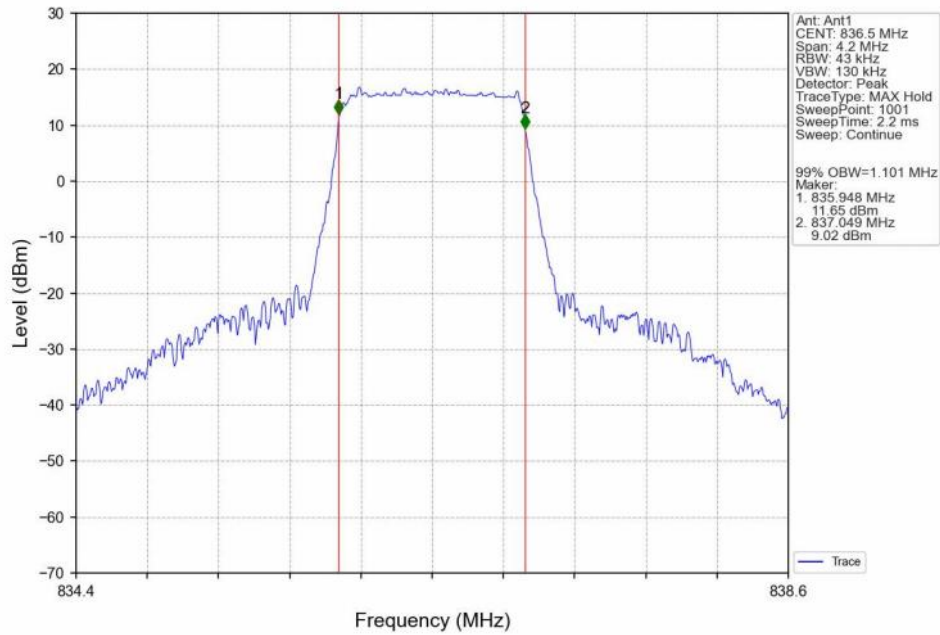
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



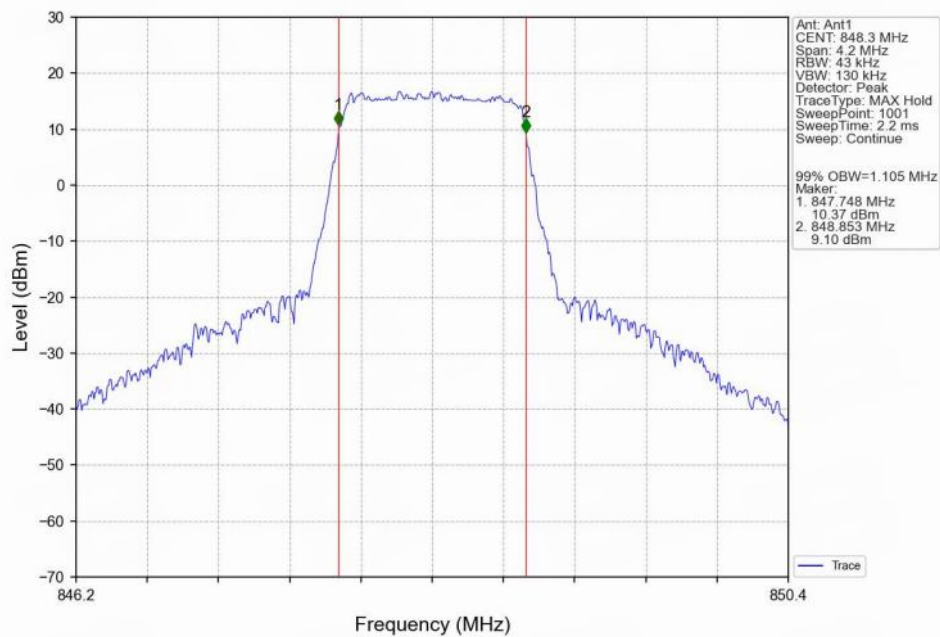
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



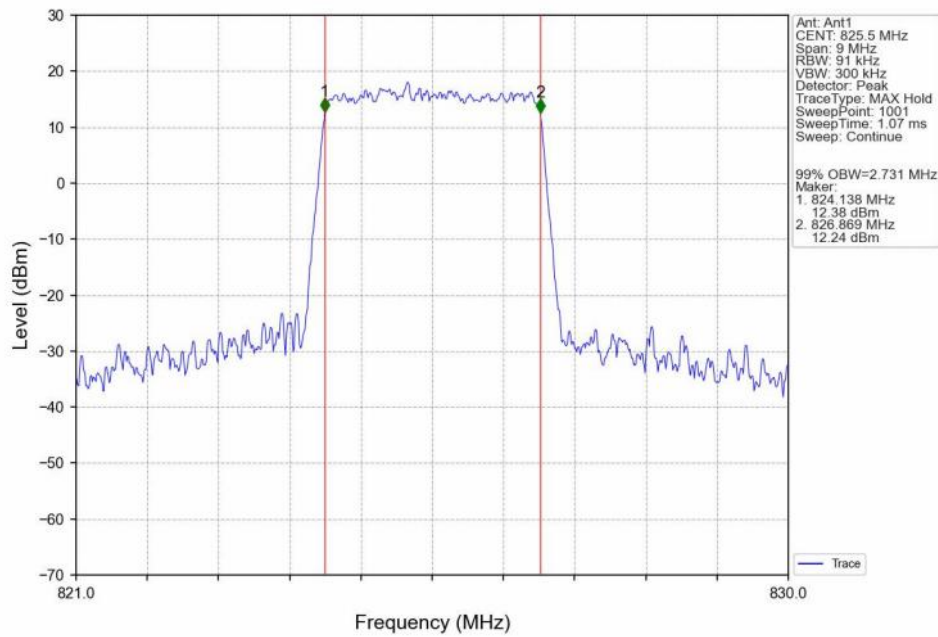
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



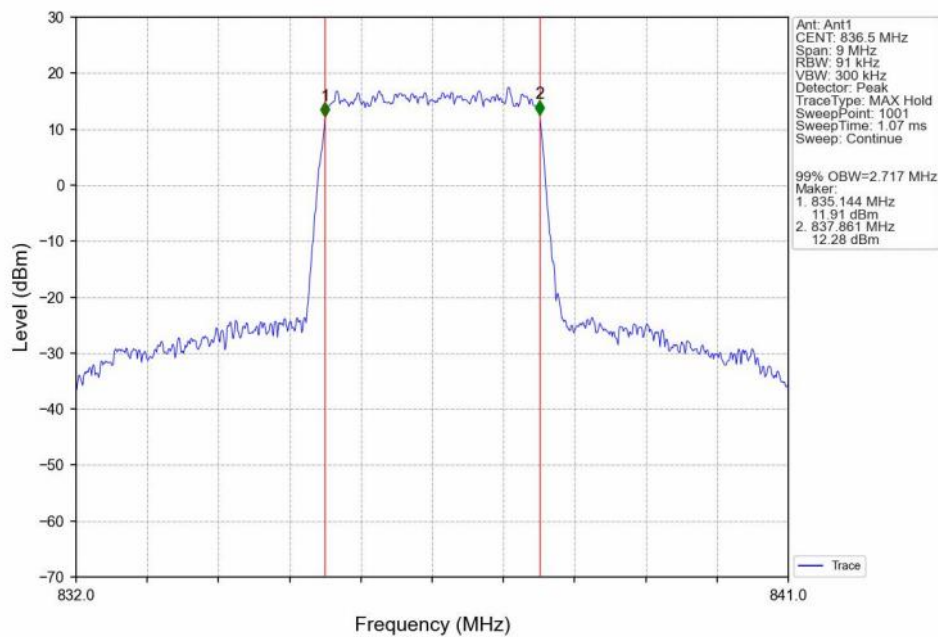
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



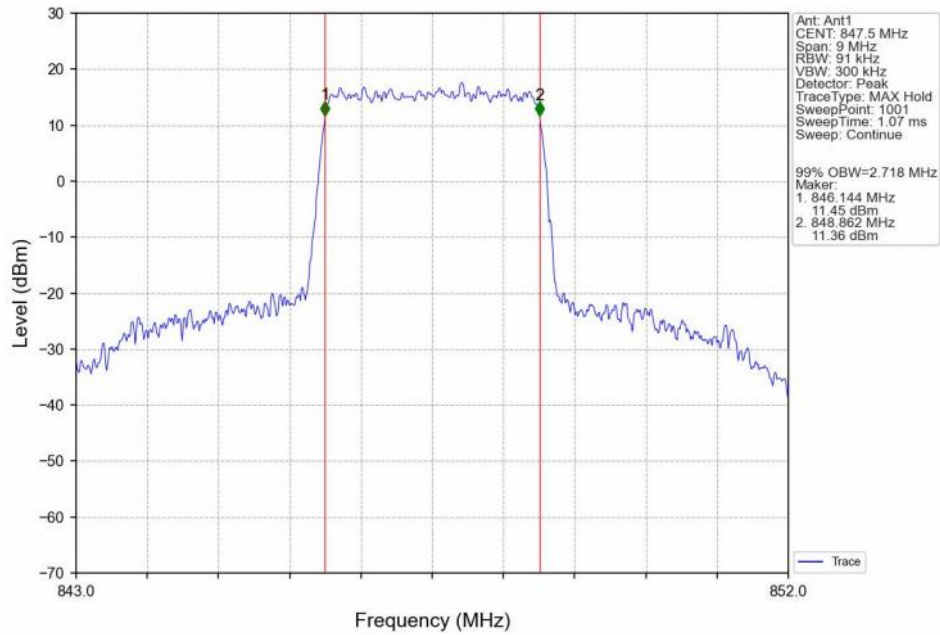
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



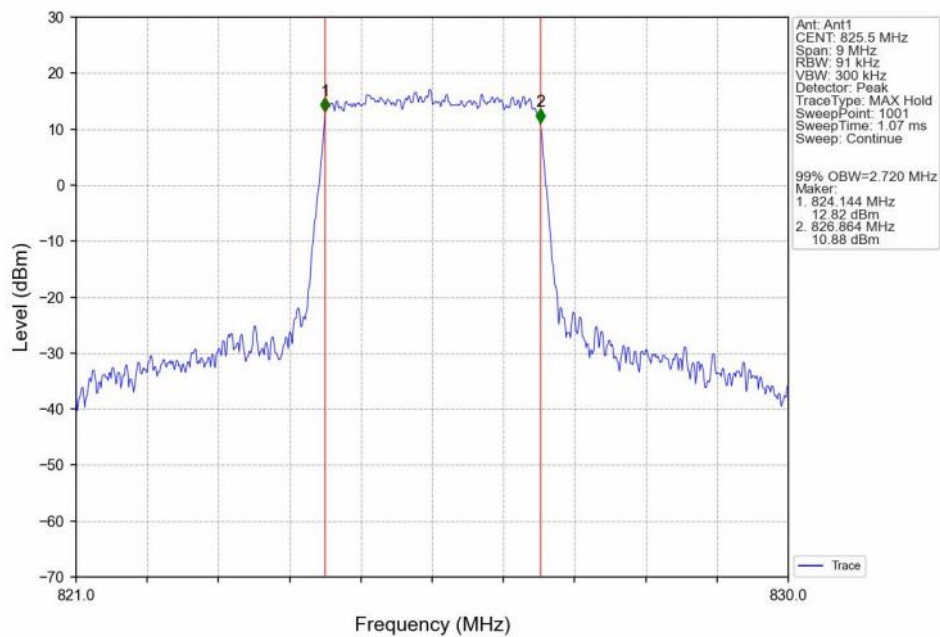
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



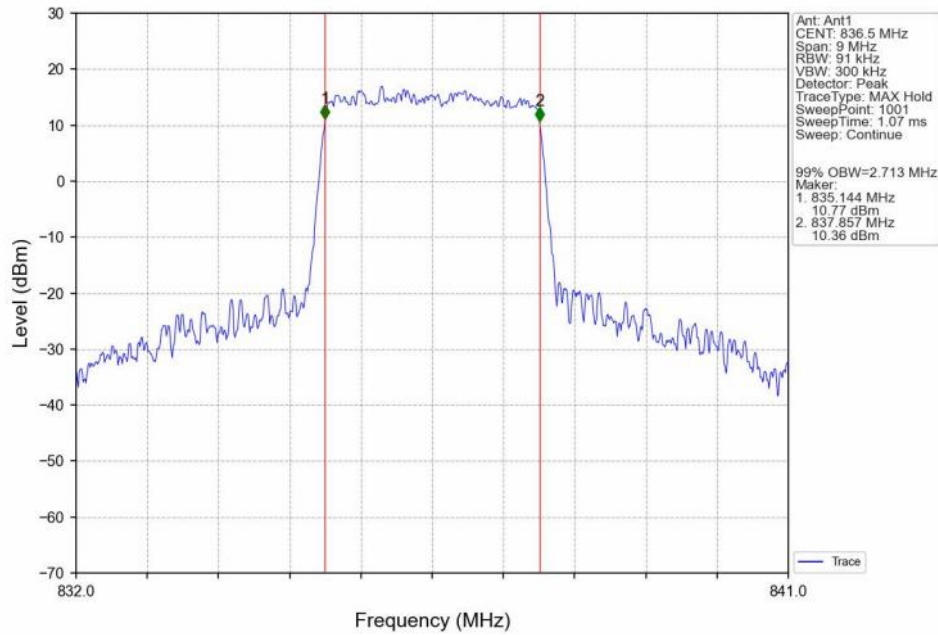
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTNV



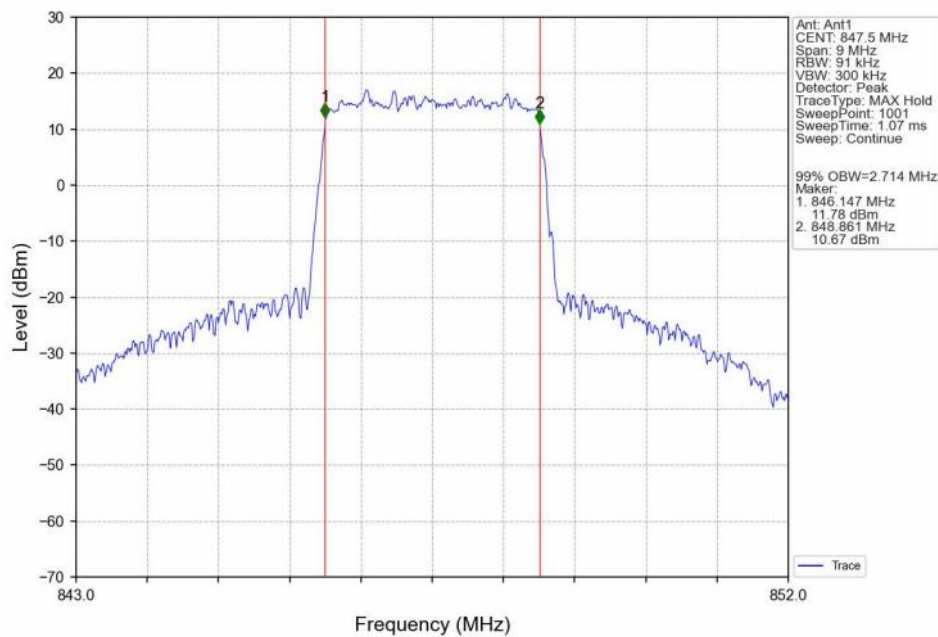
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTNV



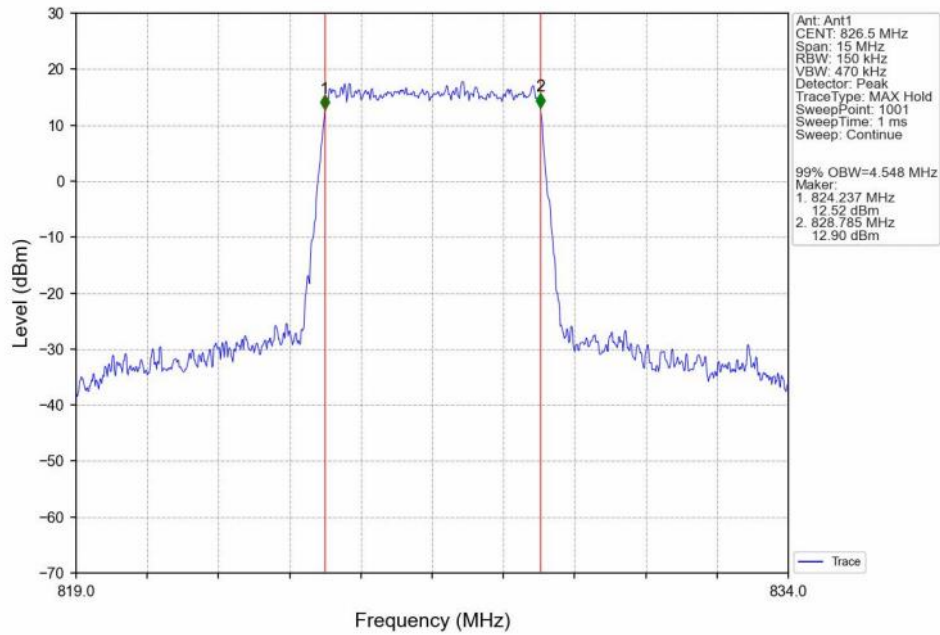
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



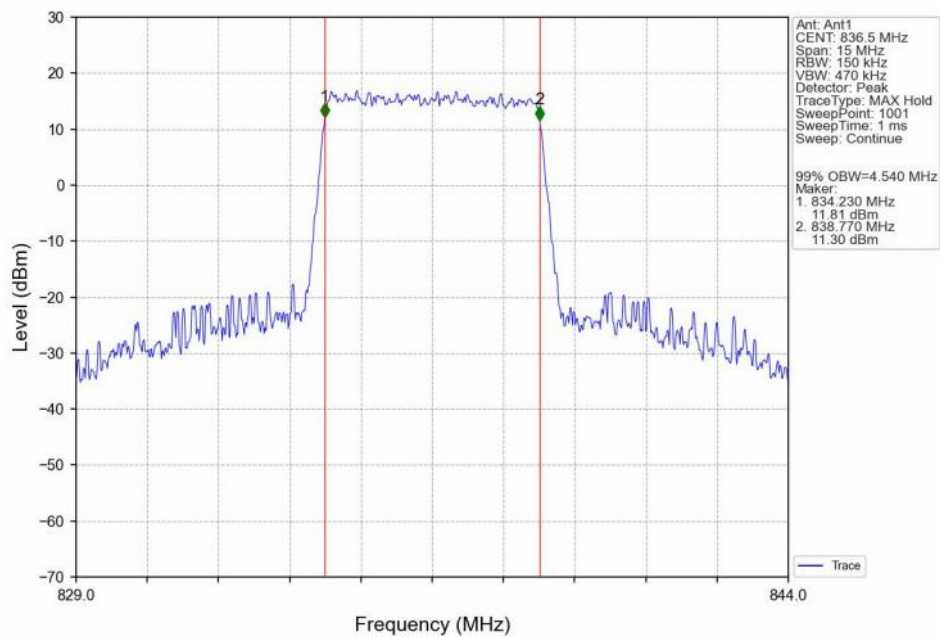
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



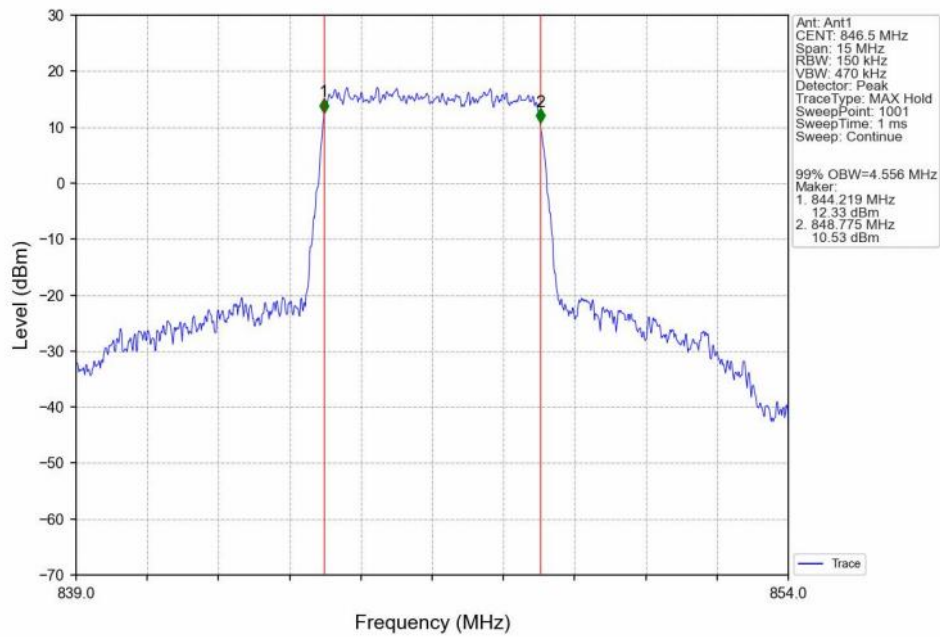
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



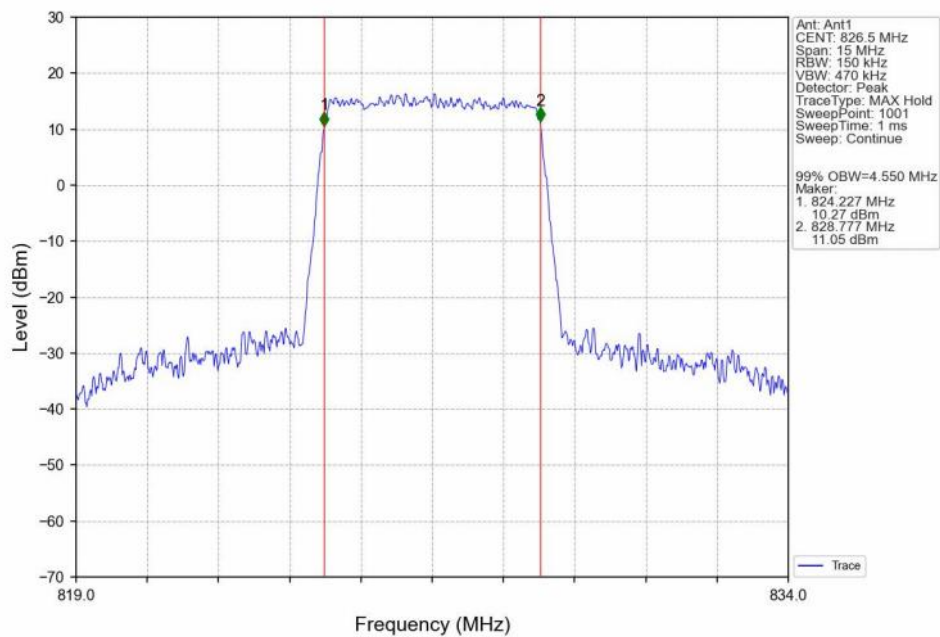
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



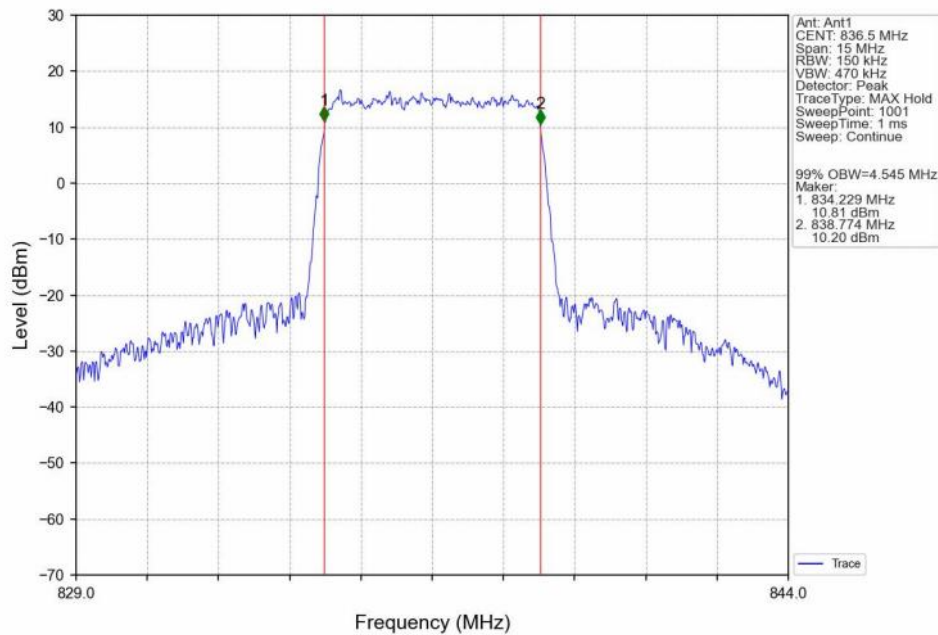
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



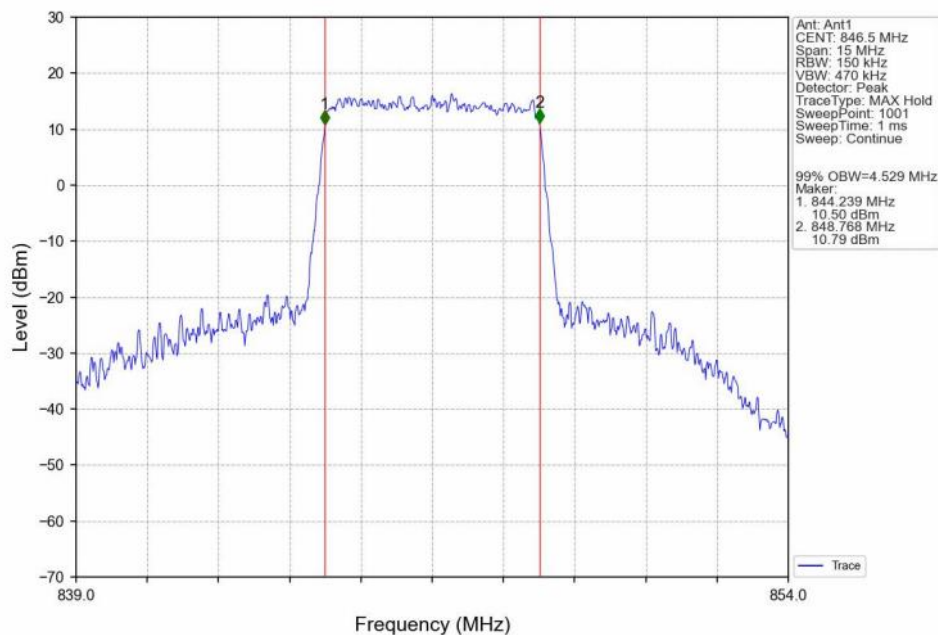
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



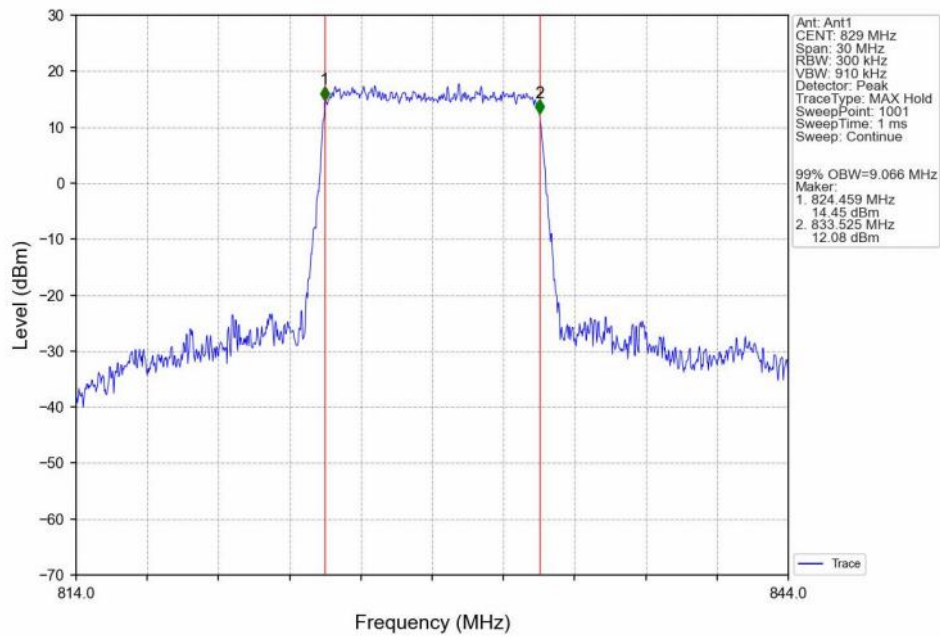
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



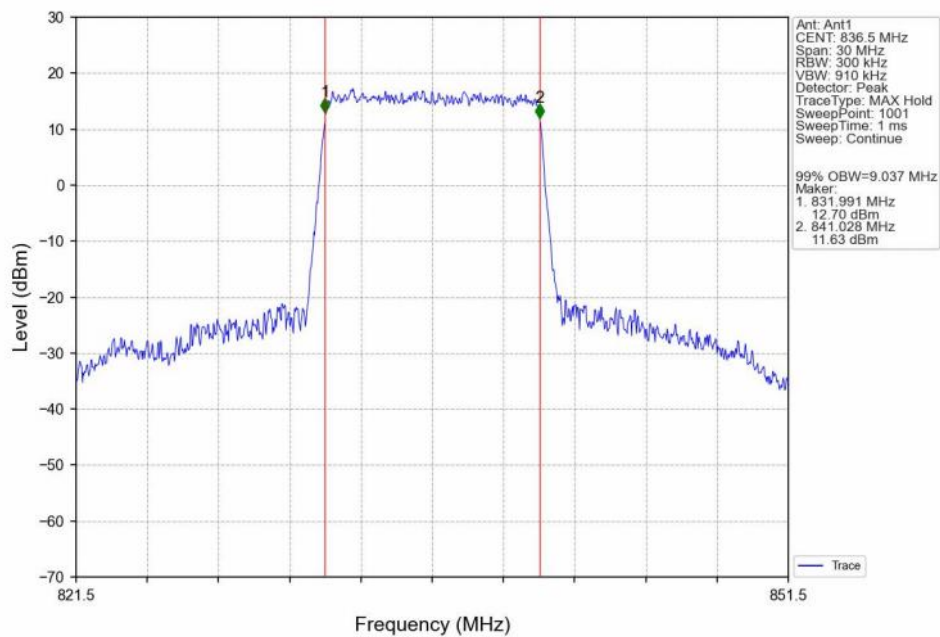
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



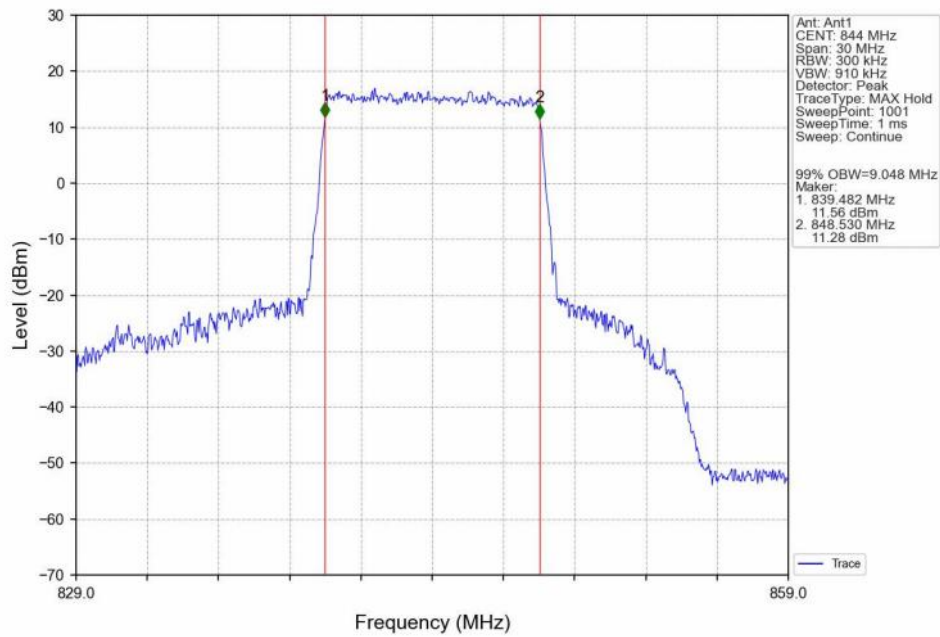
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



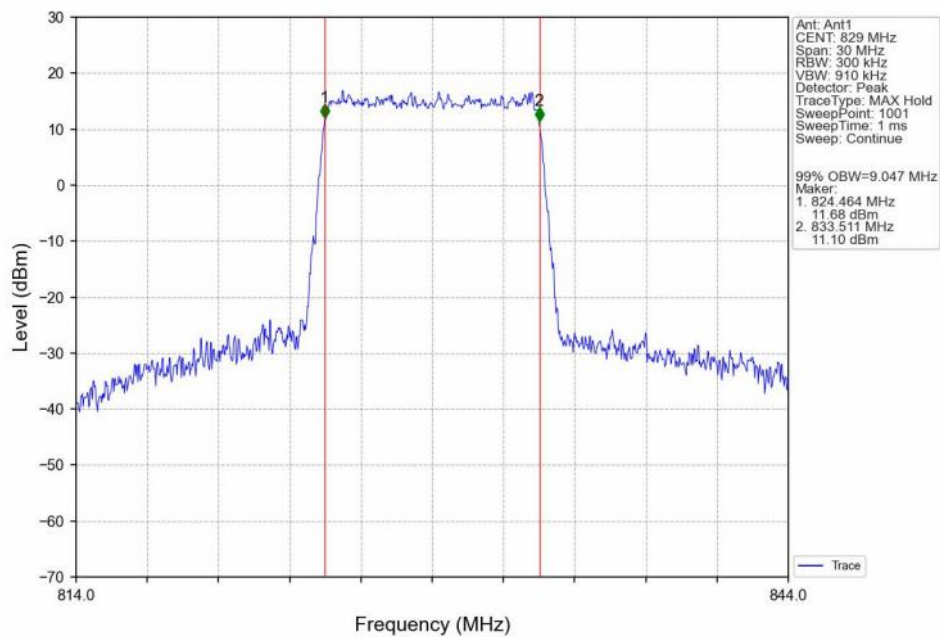
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



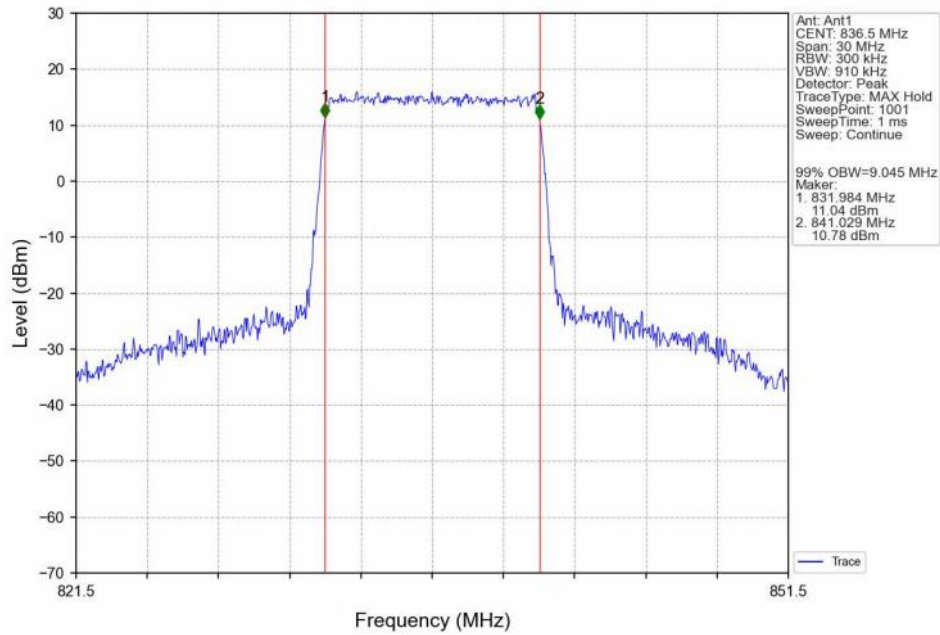
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



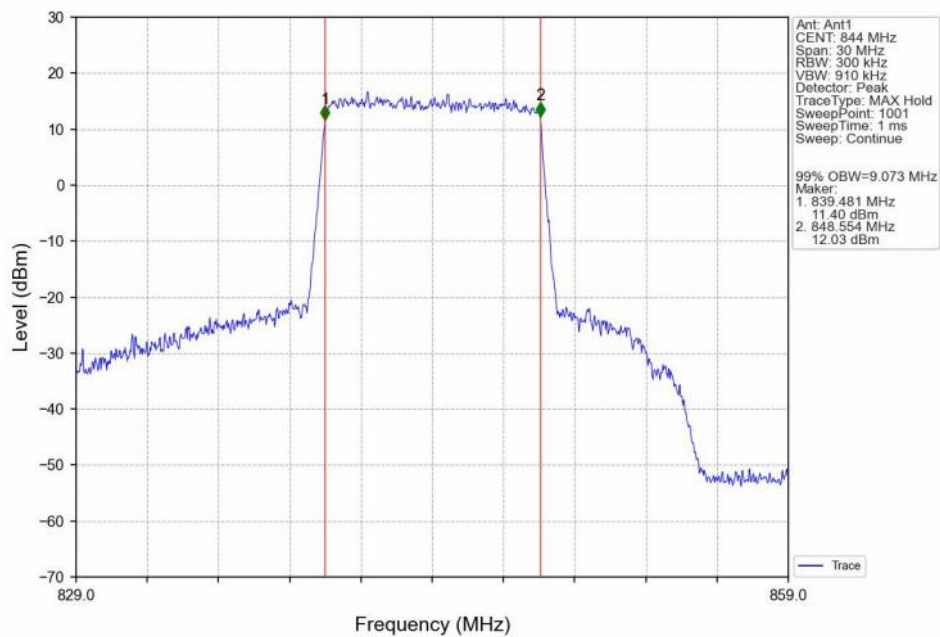
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



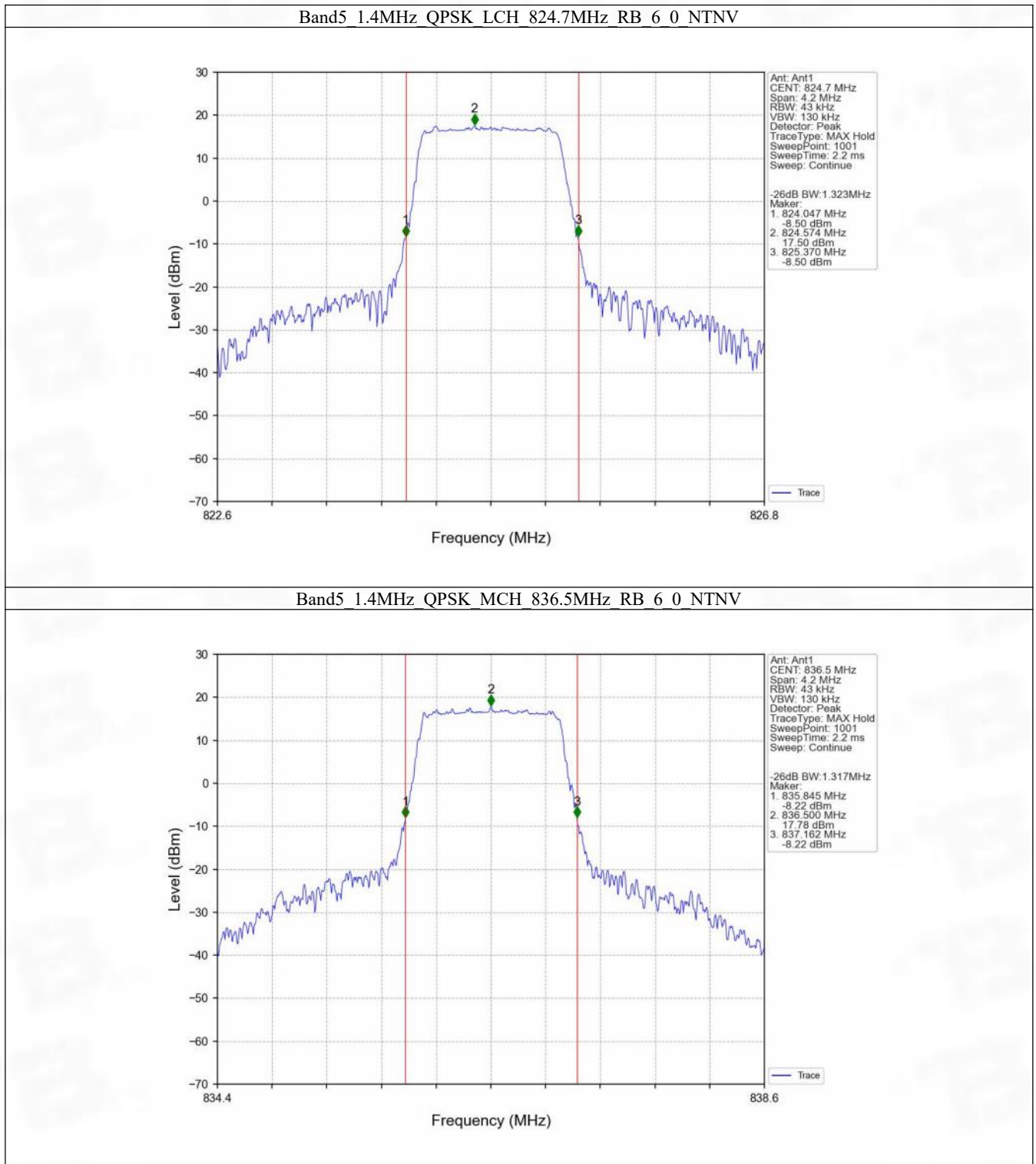
Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



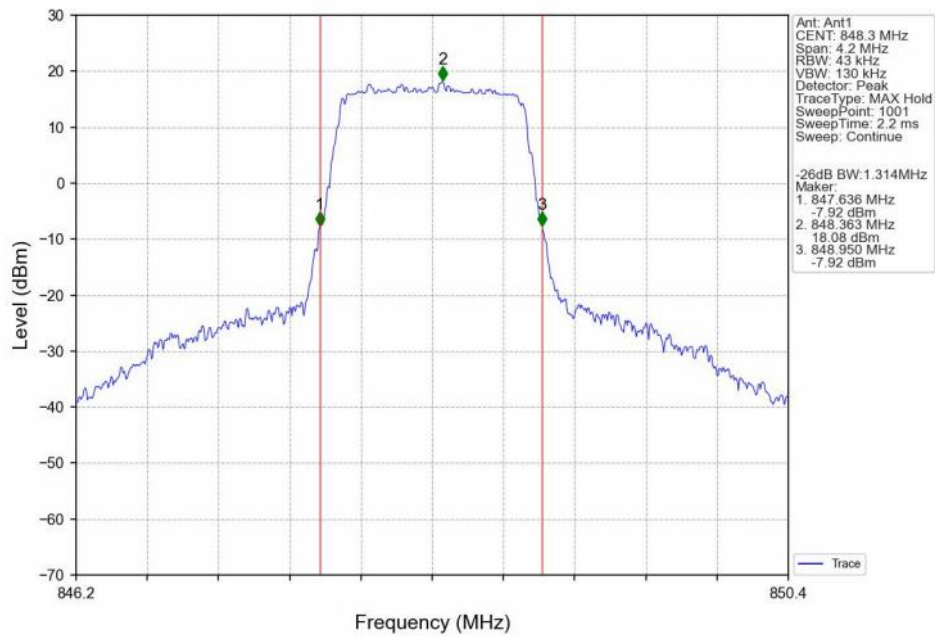
Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



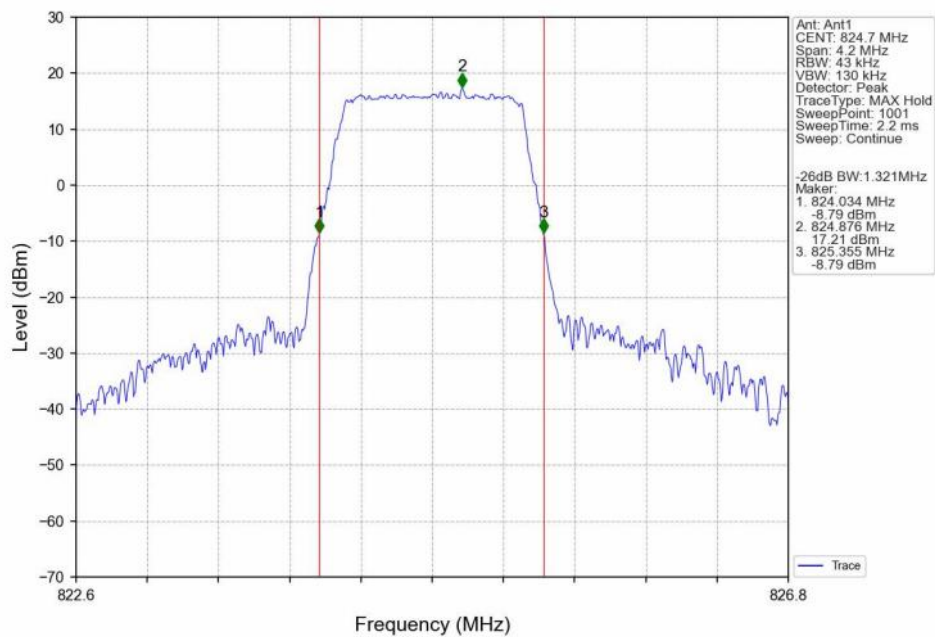
4.2.2 Band5_XDB



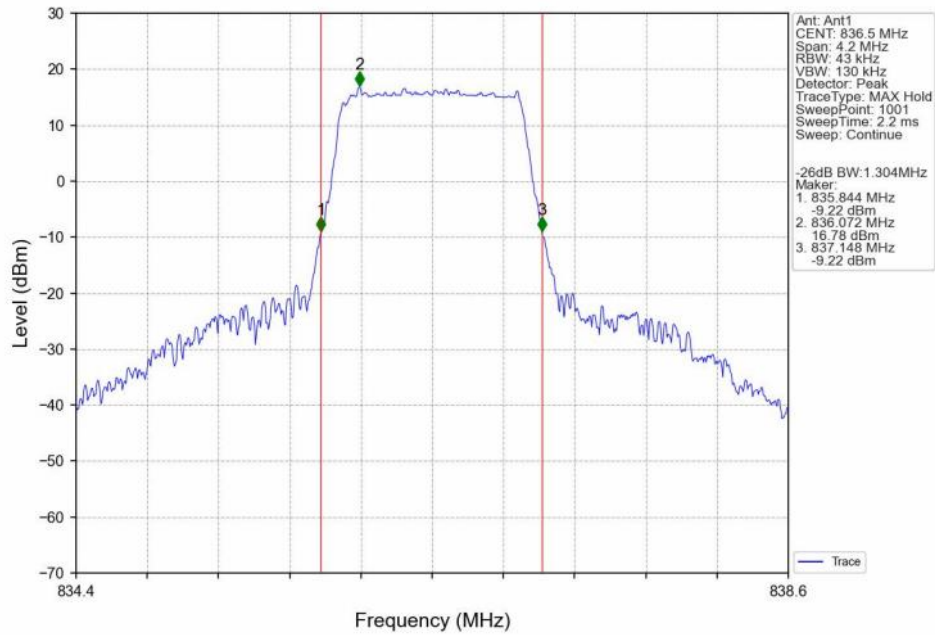
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



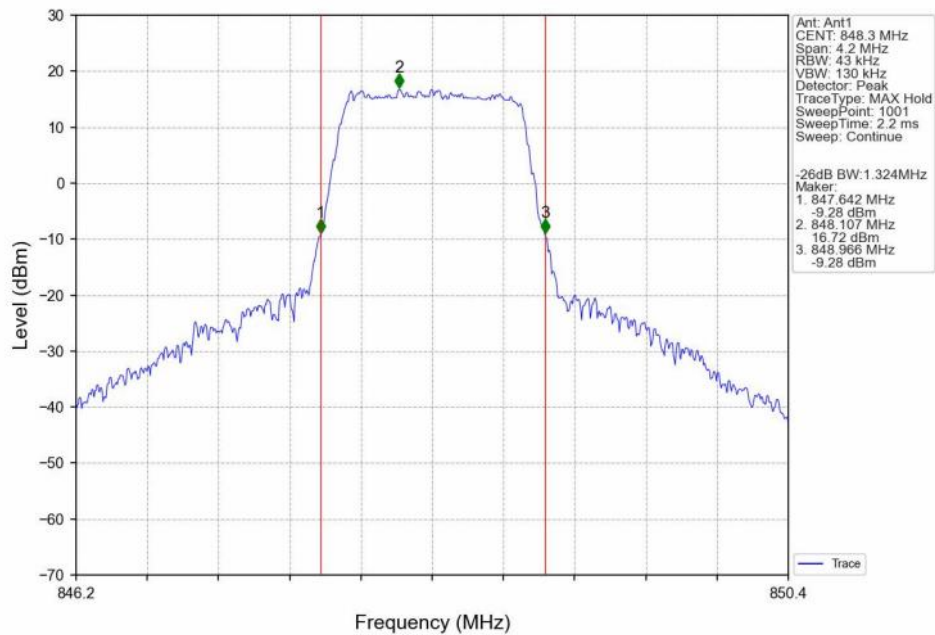
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



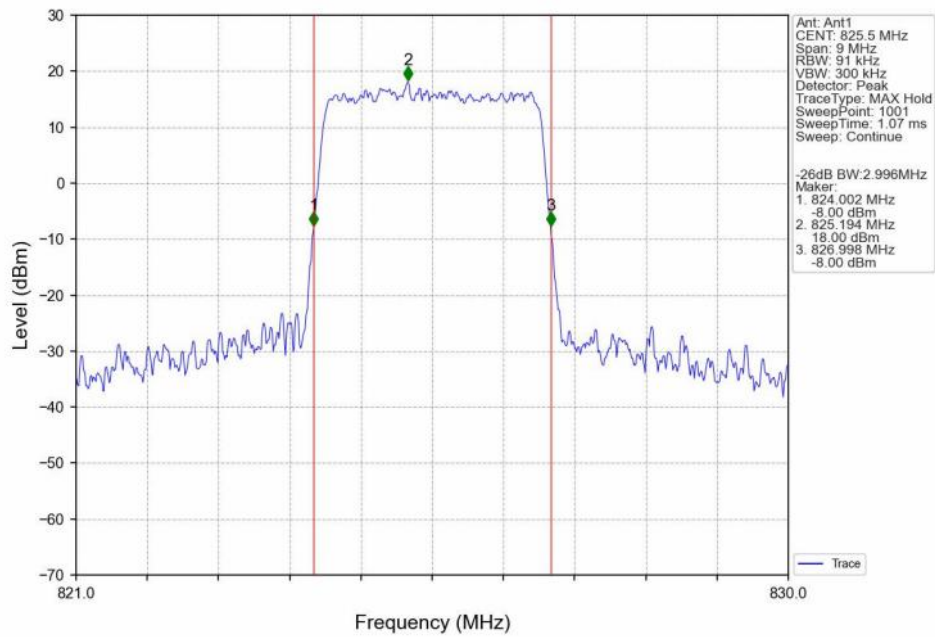
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



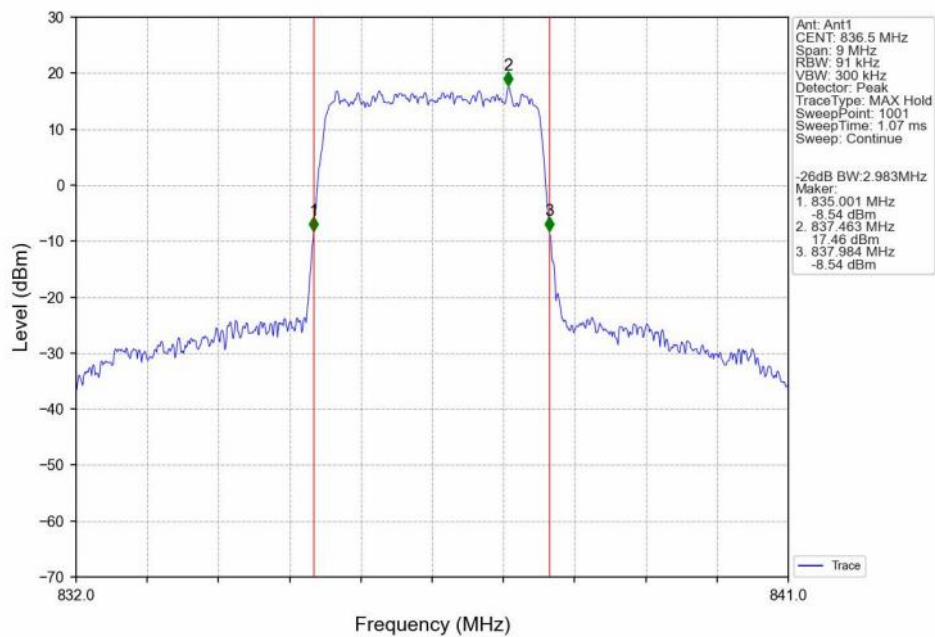
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



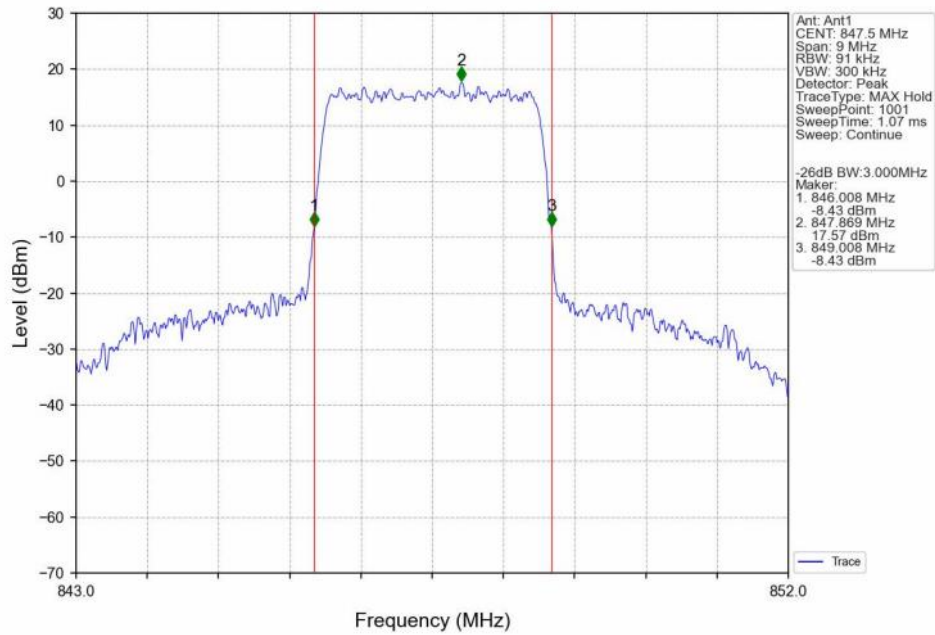
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



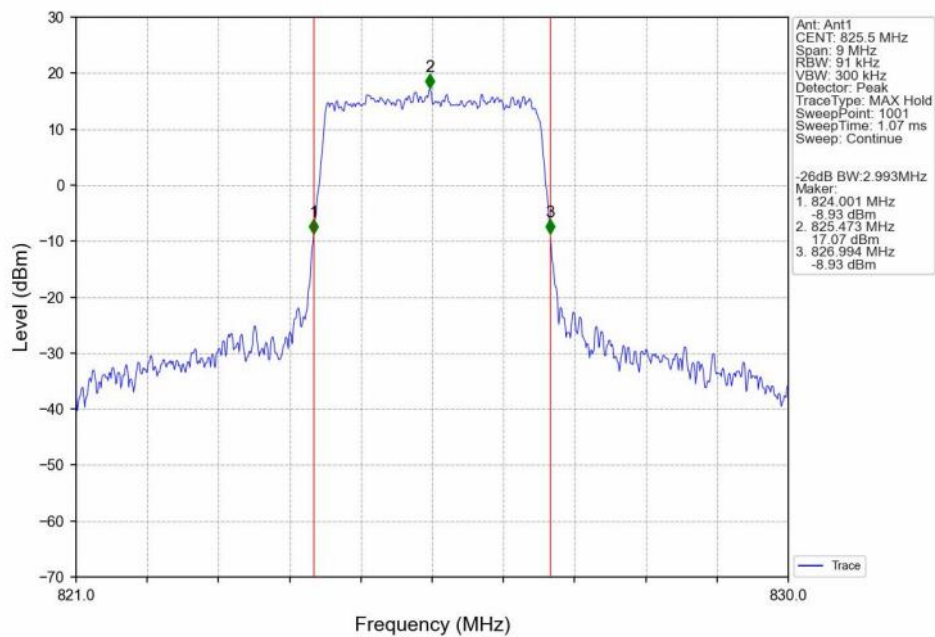
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



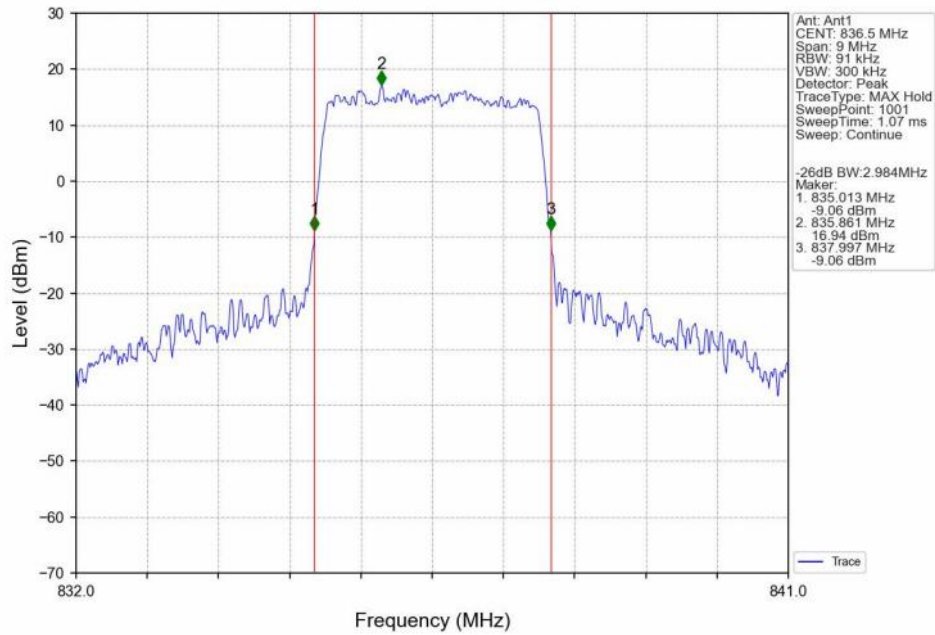
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



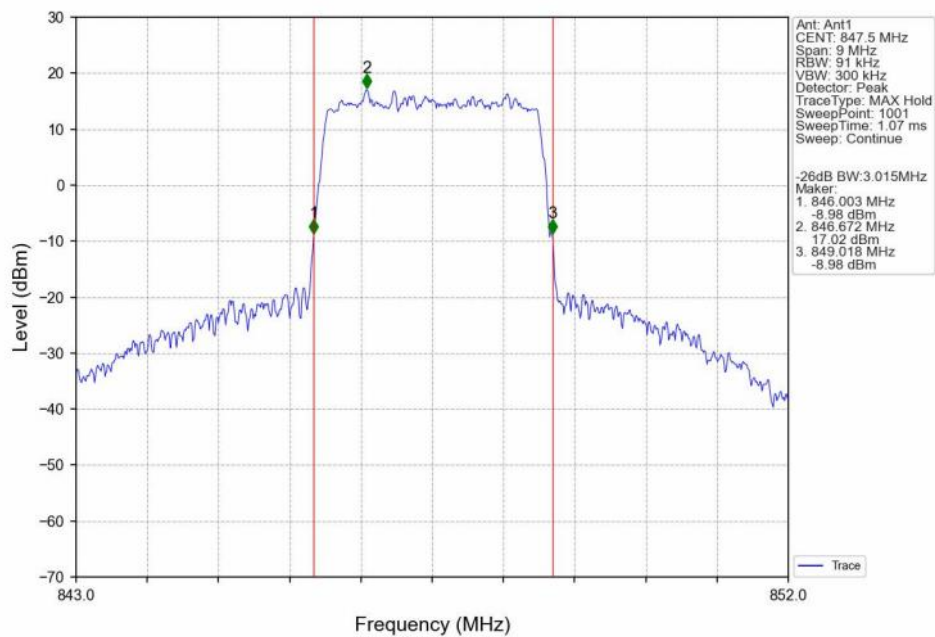
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



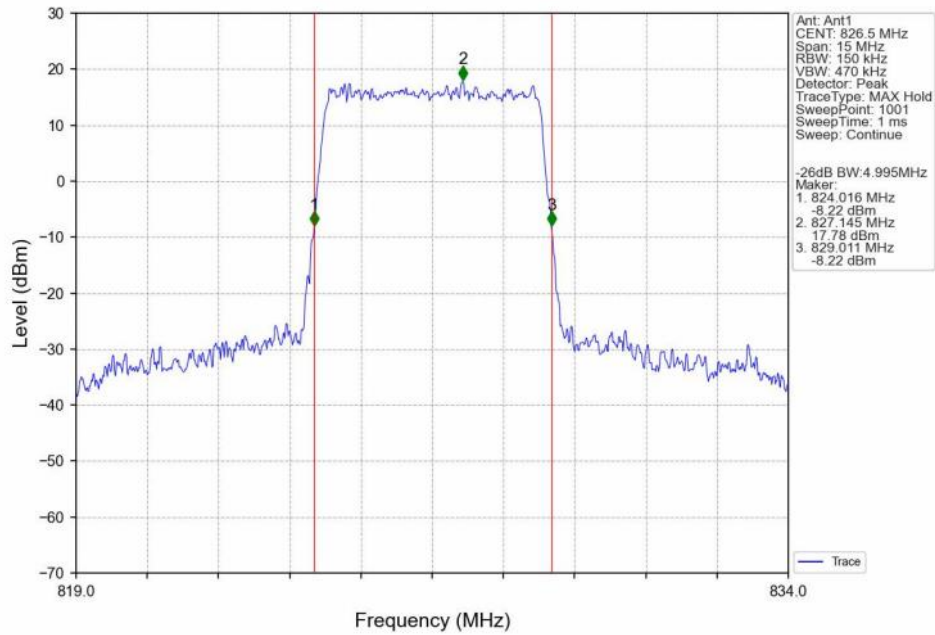
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



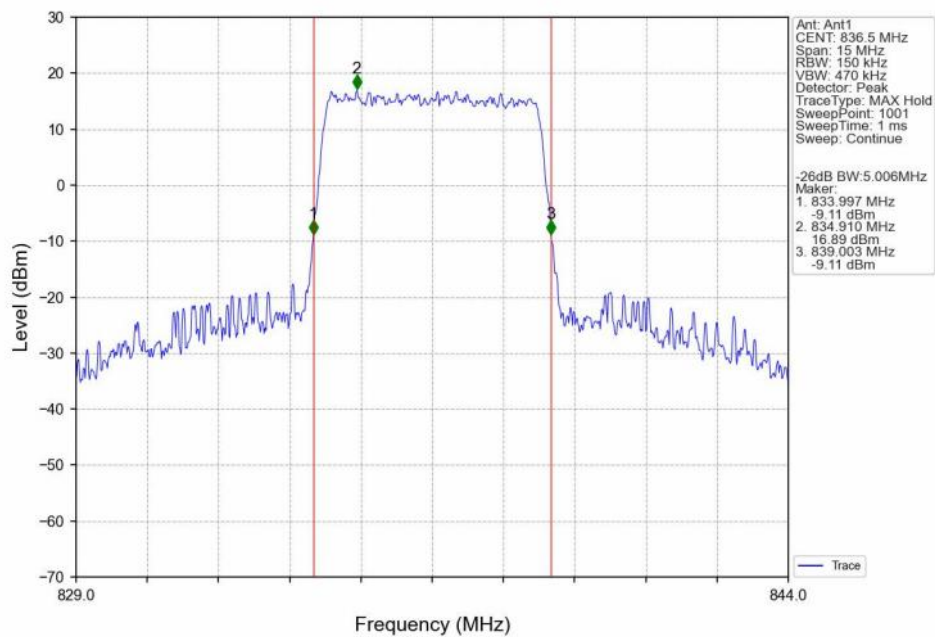
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



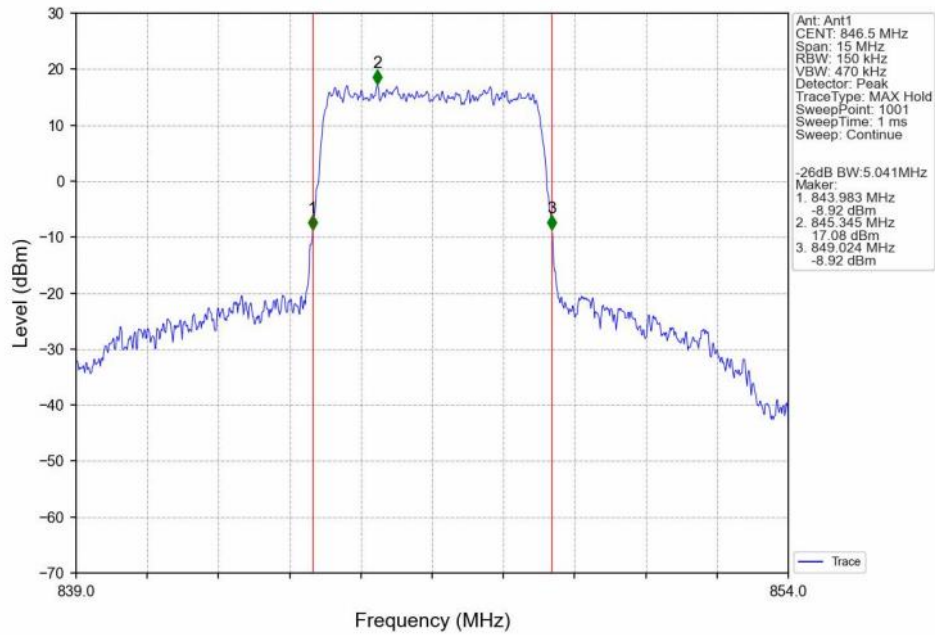
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



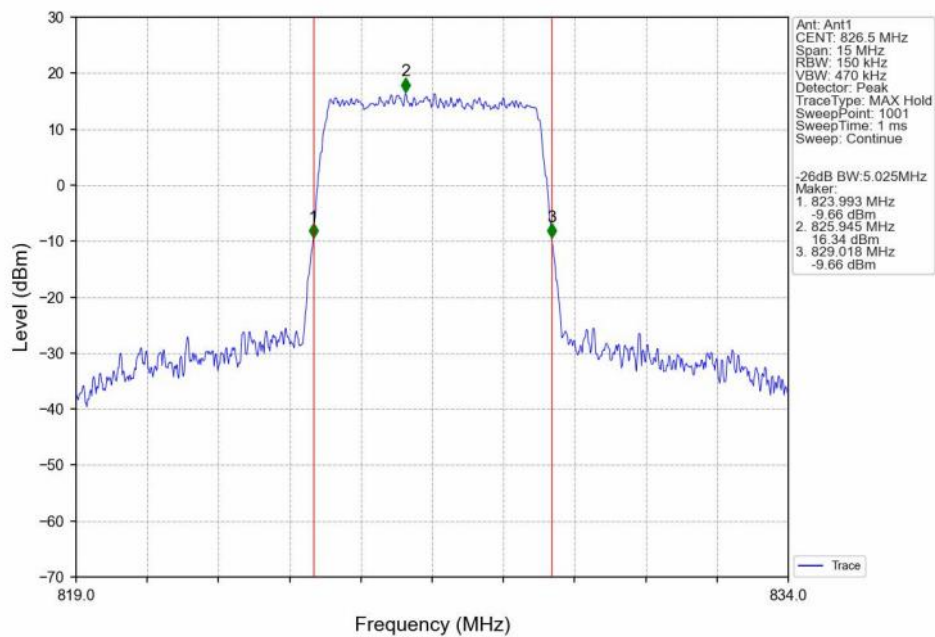
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



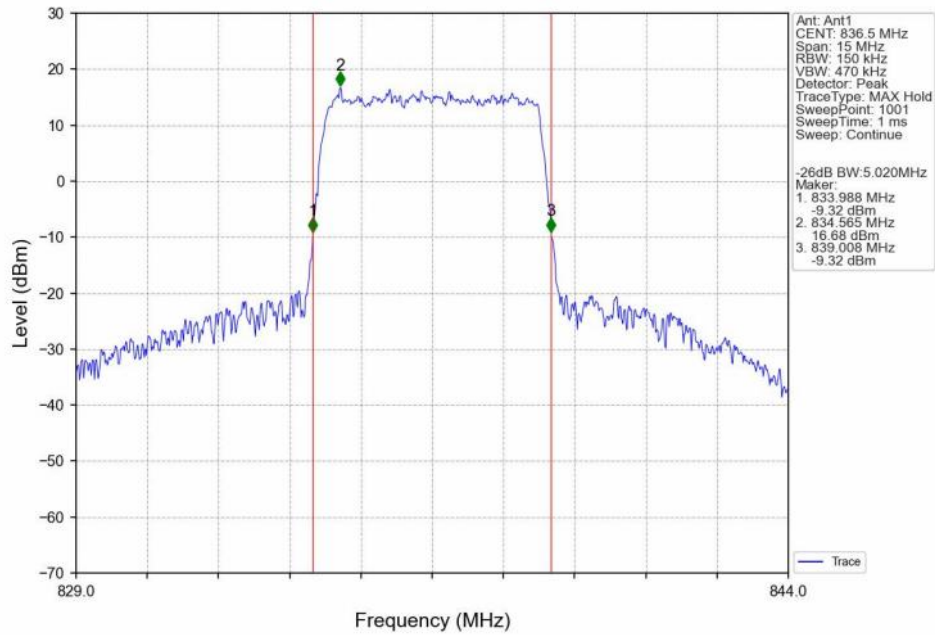
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



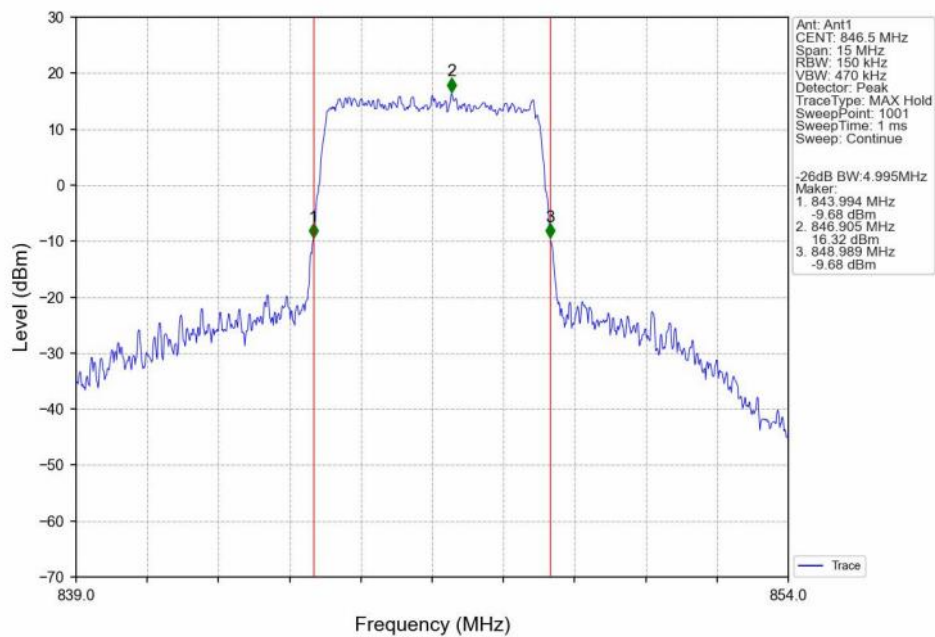
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



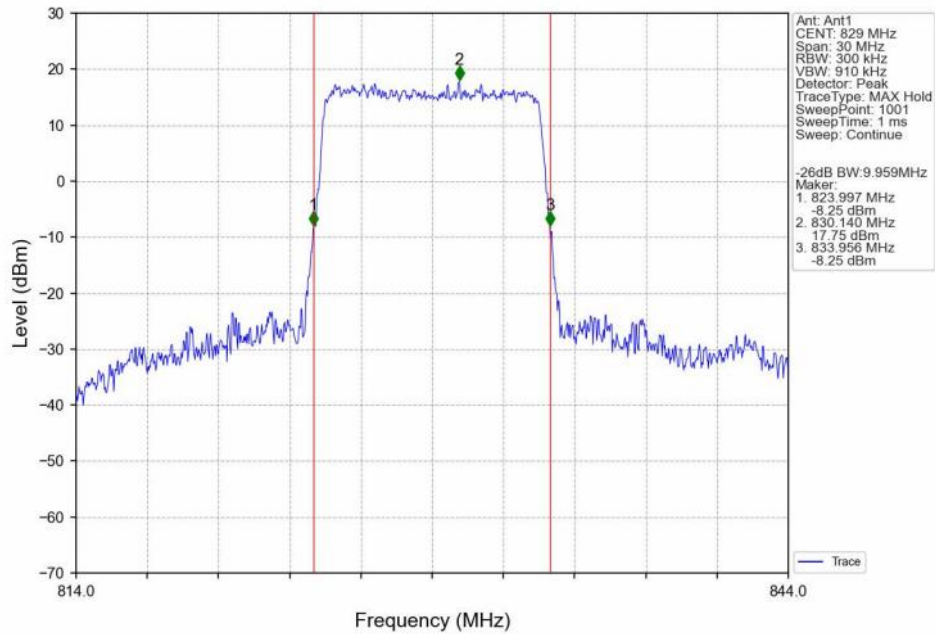
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



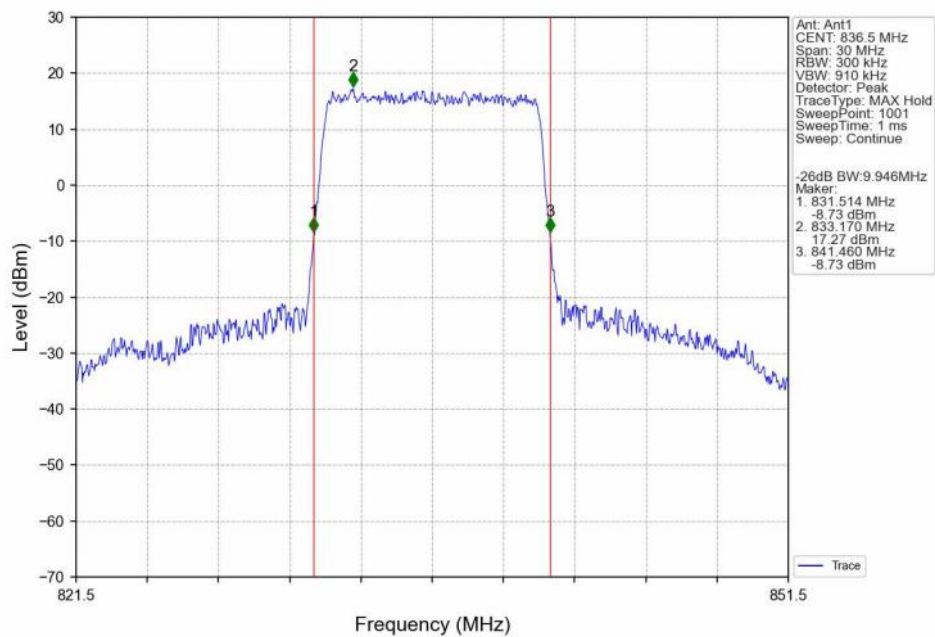
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



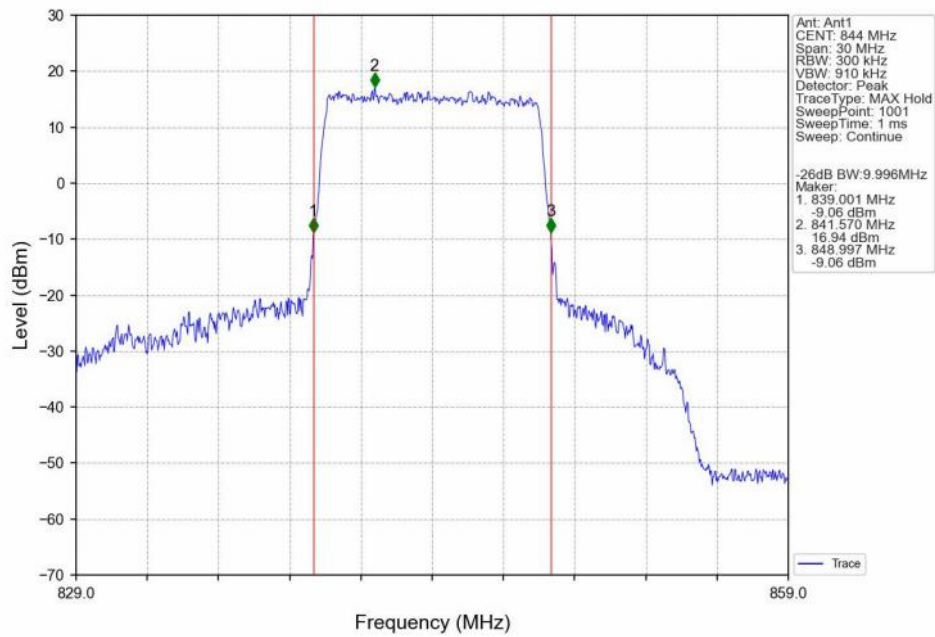
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



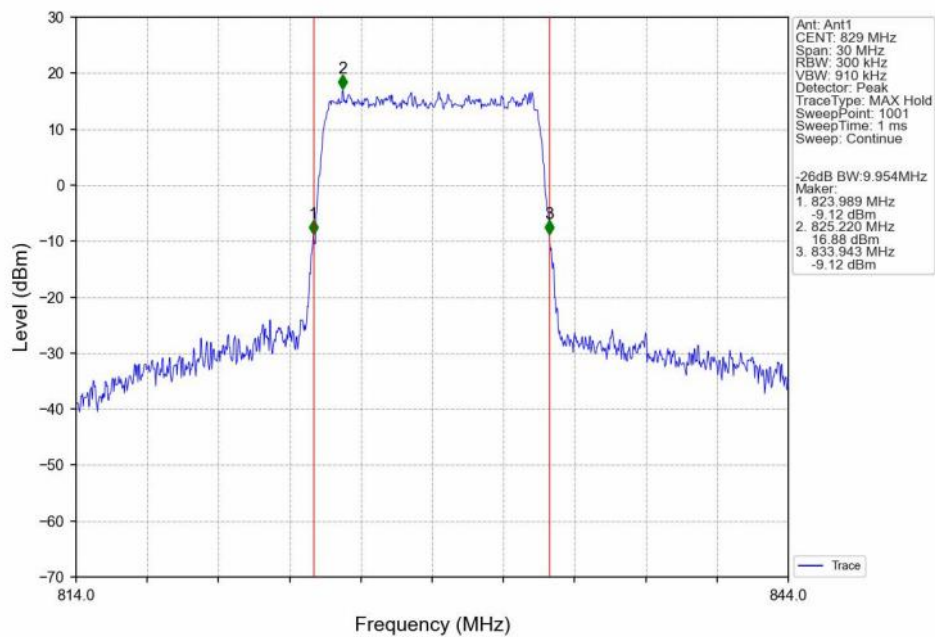
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



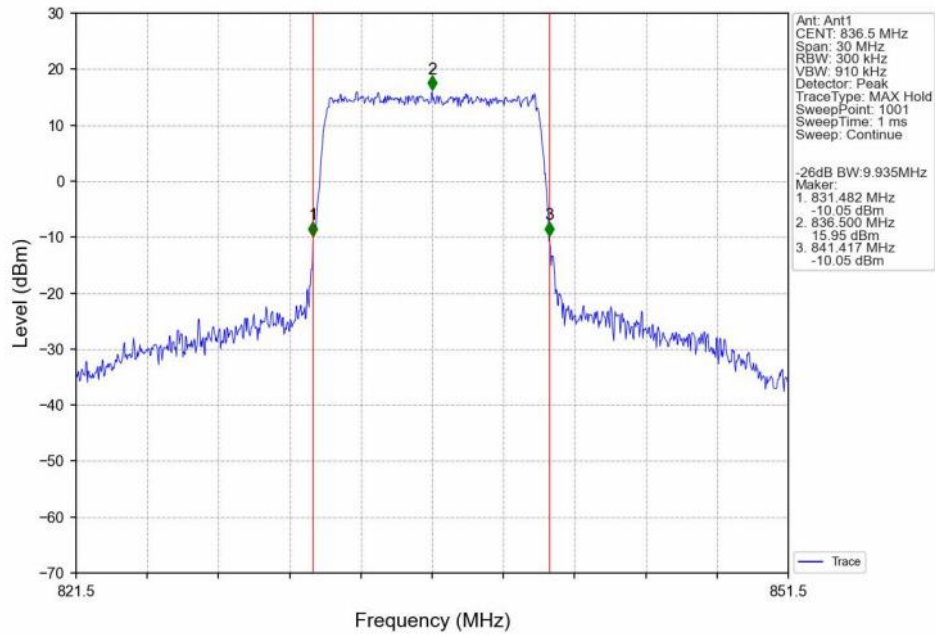
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



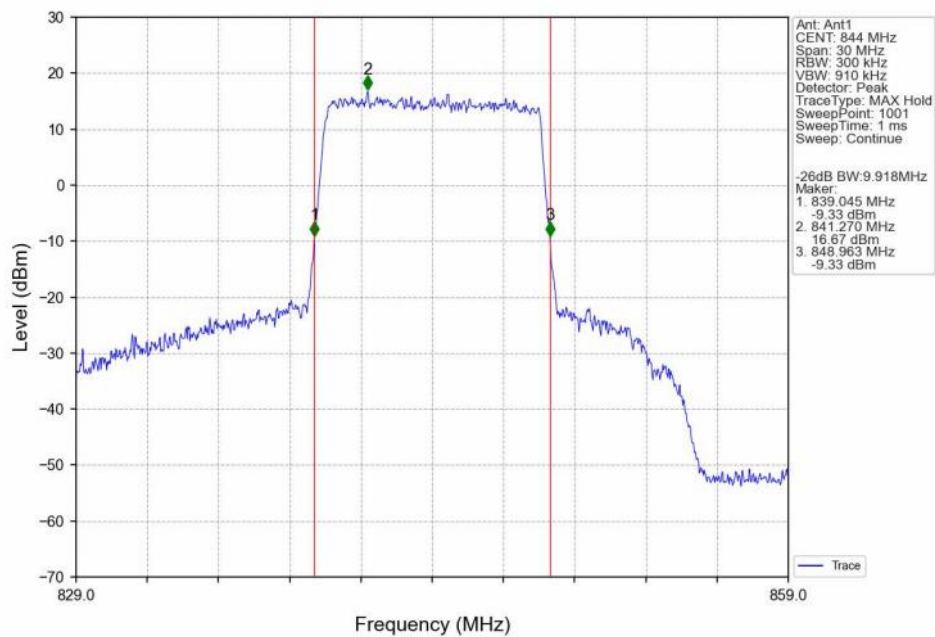
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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	5.45	<=13	Pass
	836.5	6	0	5.22	<=13	Pass
	848.3	6	0	4.98	<=13	Pass
16QAM	824.7	6	0	6.16	<=13	Pass
	836.5	6	0	6.00	<=13	Pass
	848.3	6	0	5.82	<=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	5.51	<=13	Pass
	836.5	15	0	5.24	<=13	Pass
	847.5	15	0	5.16	<=13	Pass
16QAM	825.5	15	0	6.26	<=13	Pass
	836.5	15	0	6.07	<=13	Pass
	847.5	15	0	5.95	<=13	Pass

5.1.3 B5_5MHz

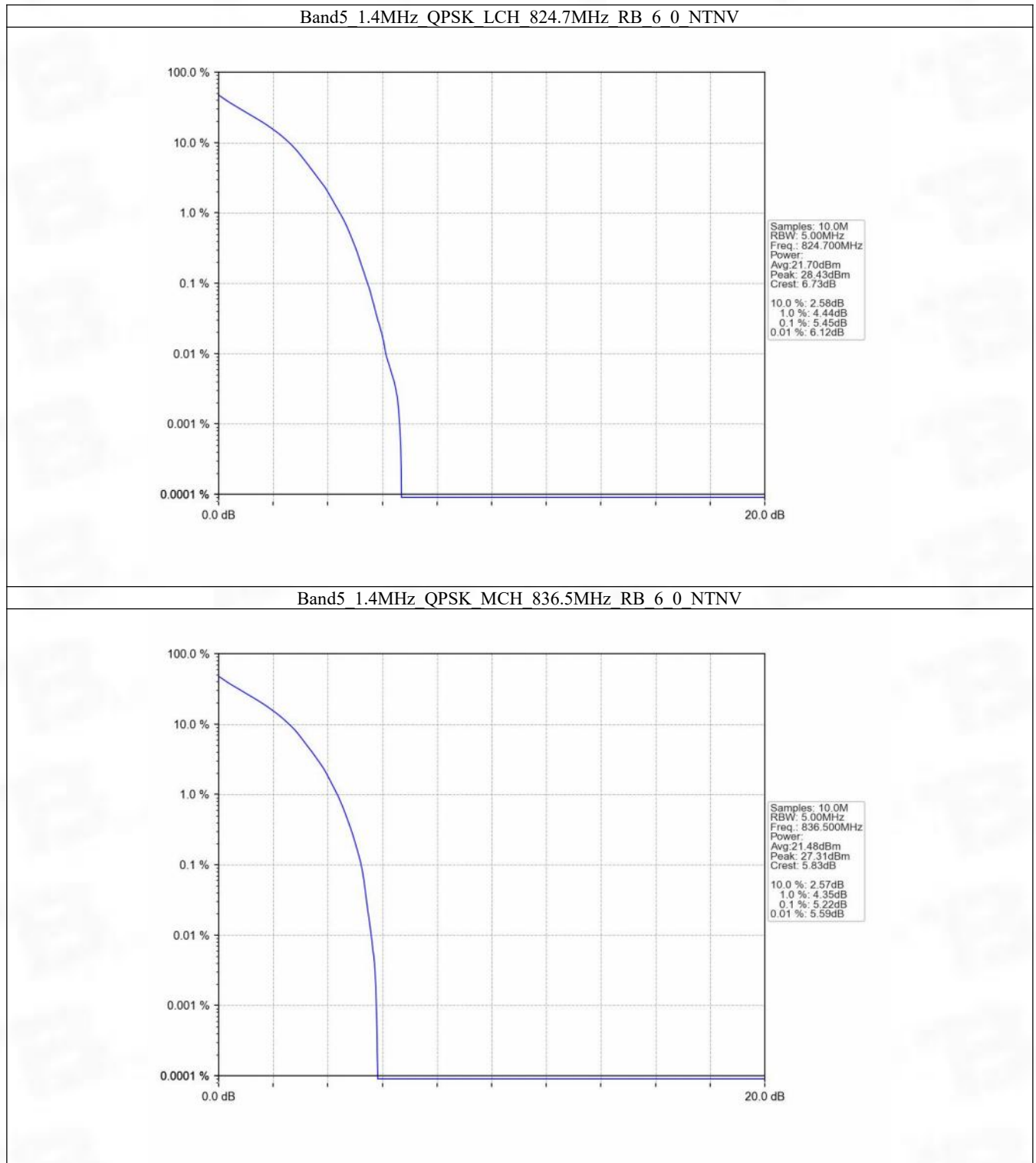
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.64	<=13	Pass
	836.5	25	0	5.50	<=13	Pass
	846.5	25	0	5.41	<=13	Pass
16QAM	826.5	25	0	6.36	<=13	Pass
	836.5	25	0	6.16	<=13	Pass
	846.5	25	0	6.06	<=13	Pass

5.1.4 B5_10MHz

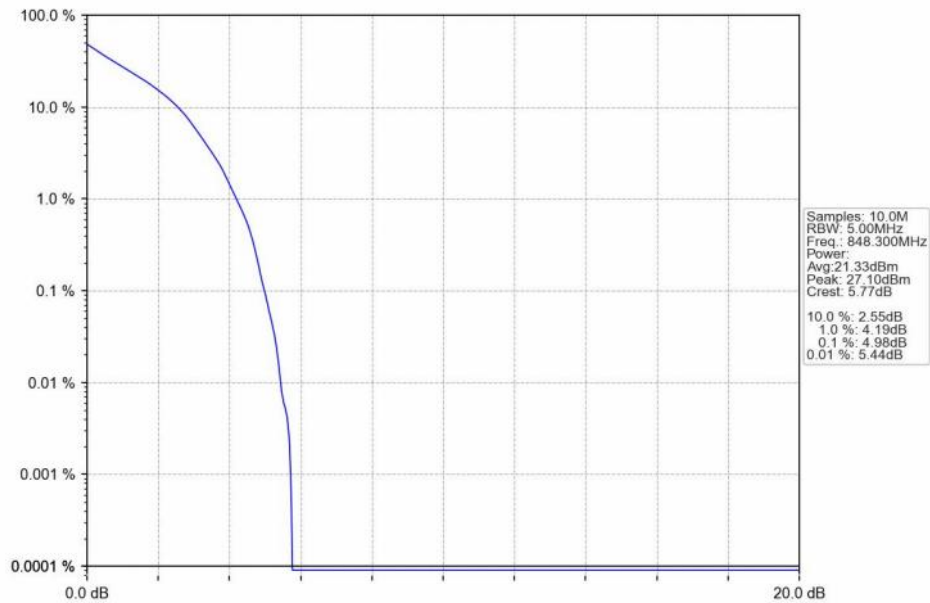
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.61	<=13	Pass
	836.5	50	0	5.50	<=13	Pass
	844	50	0	5.40	<=13	Pass
16QAM	829	50	0	6.37	<=13	Pass
	836.5	50	0	6.25	<=13	Pass
	844	50	0	6.11	<=13	Pass

5.2 Test Graph

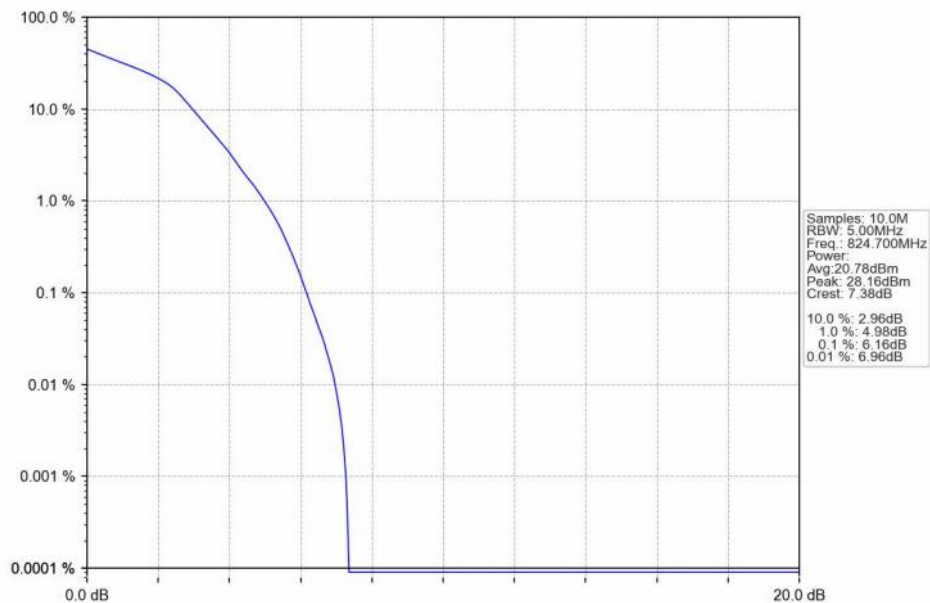
5.2.1 B5_1.4MHz



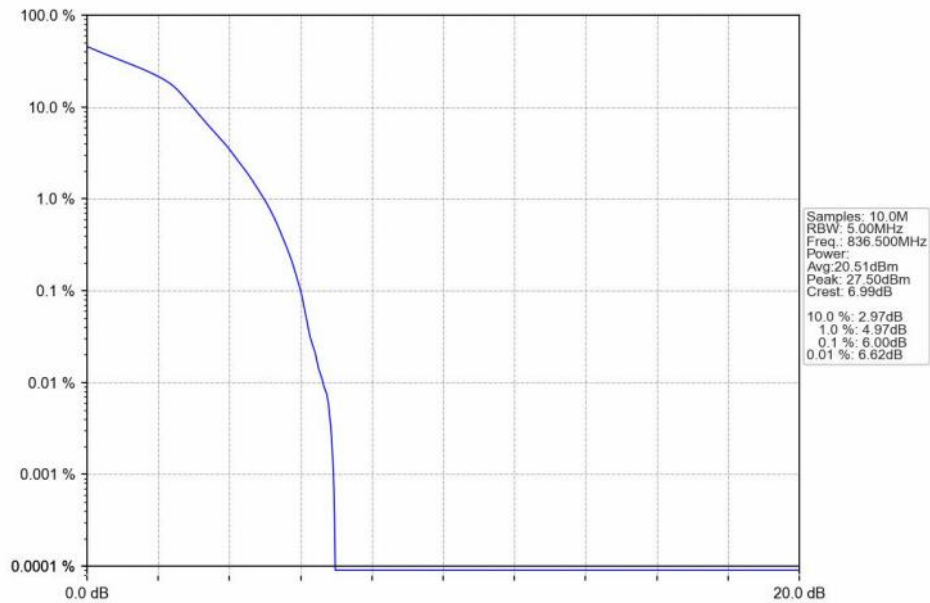
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



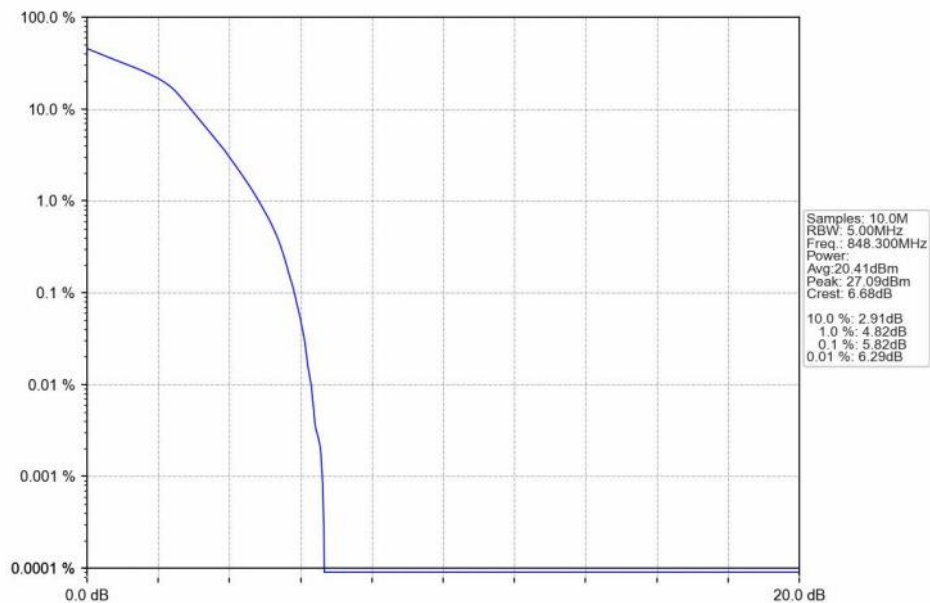
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



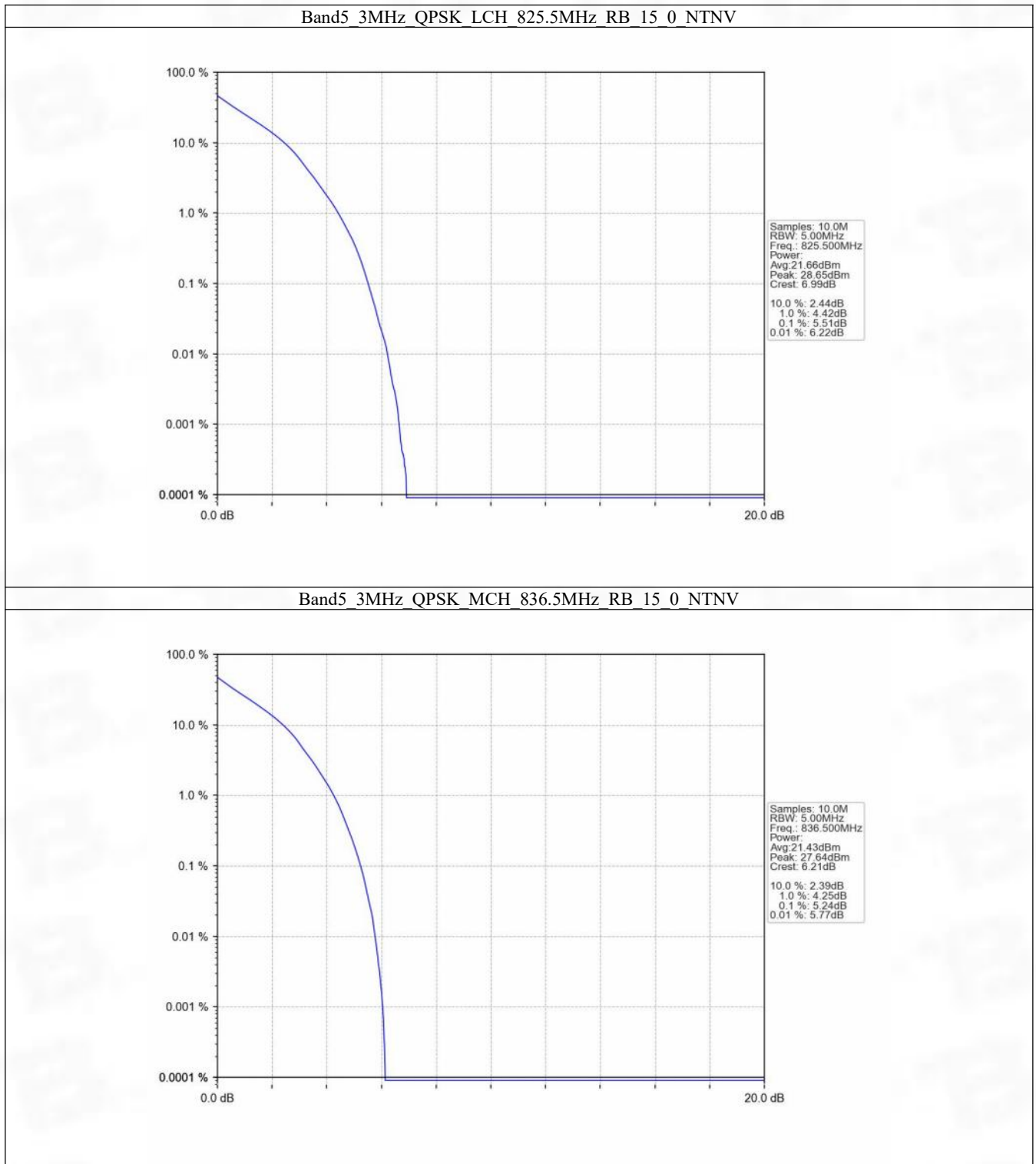
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



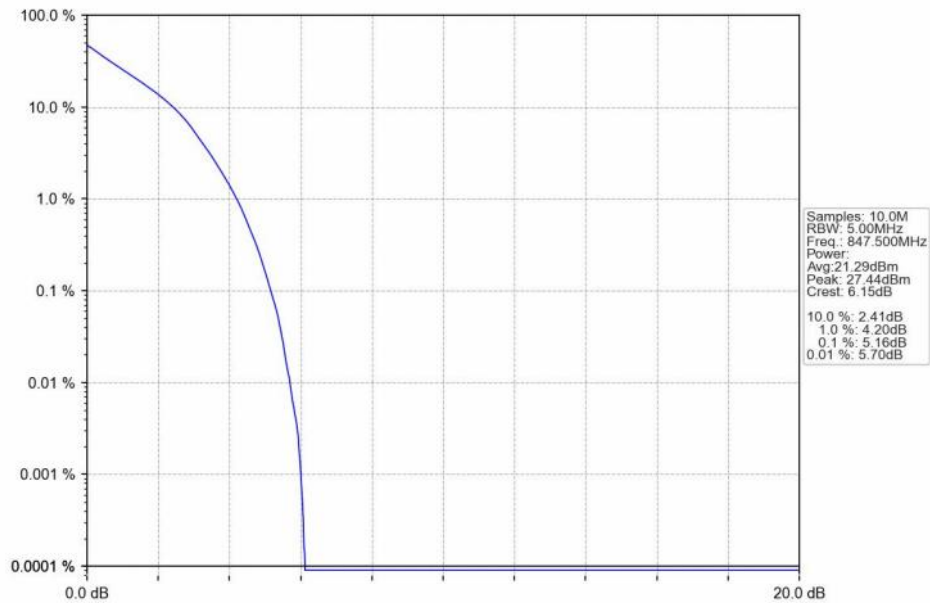
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



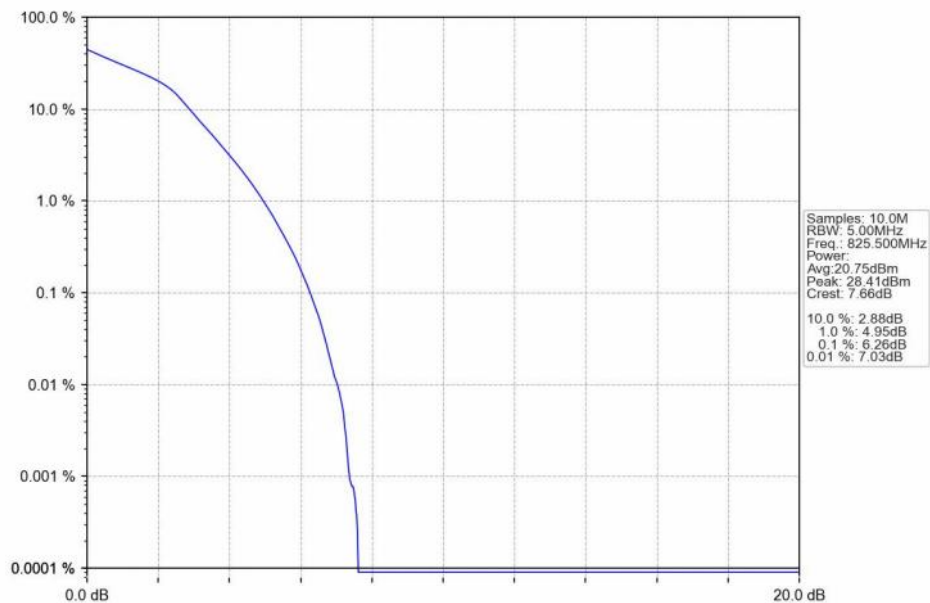
5.2.2 B5_3MHz



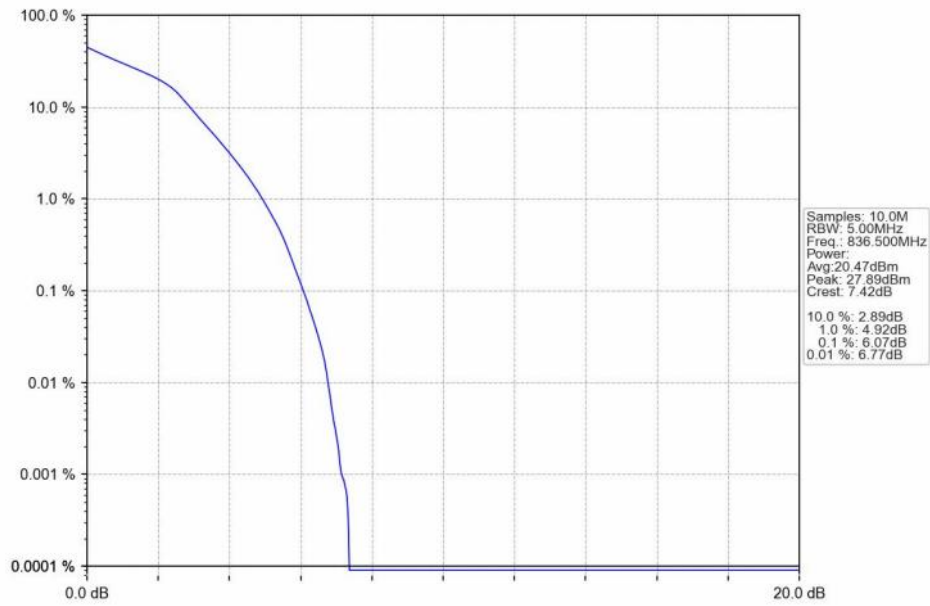
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTNV



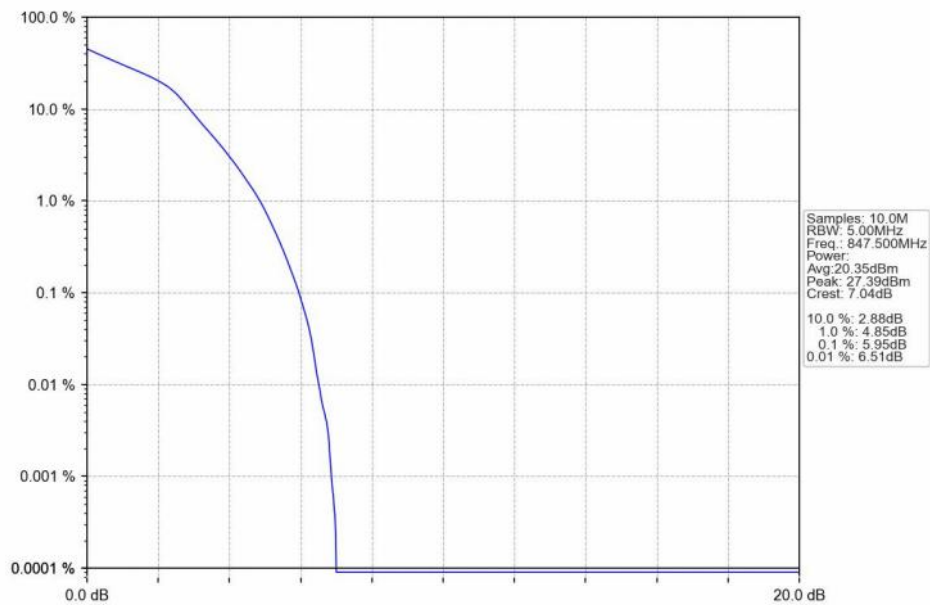
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTNV



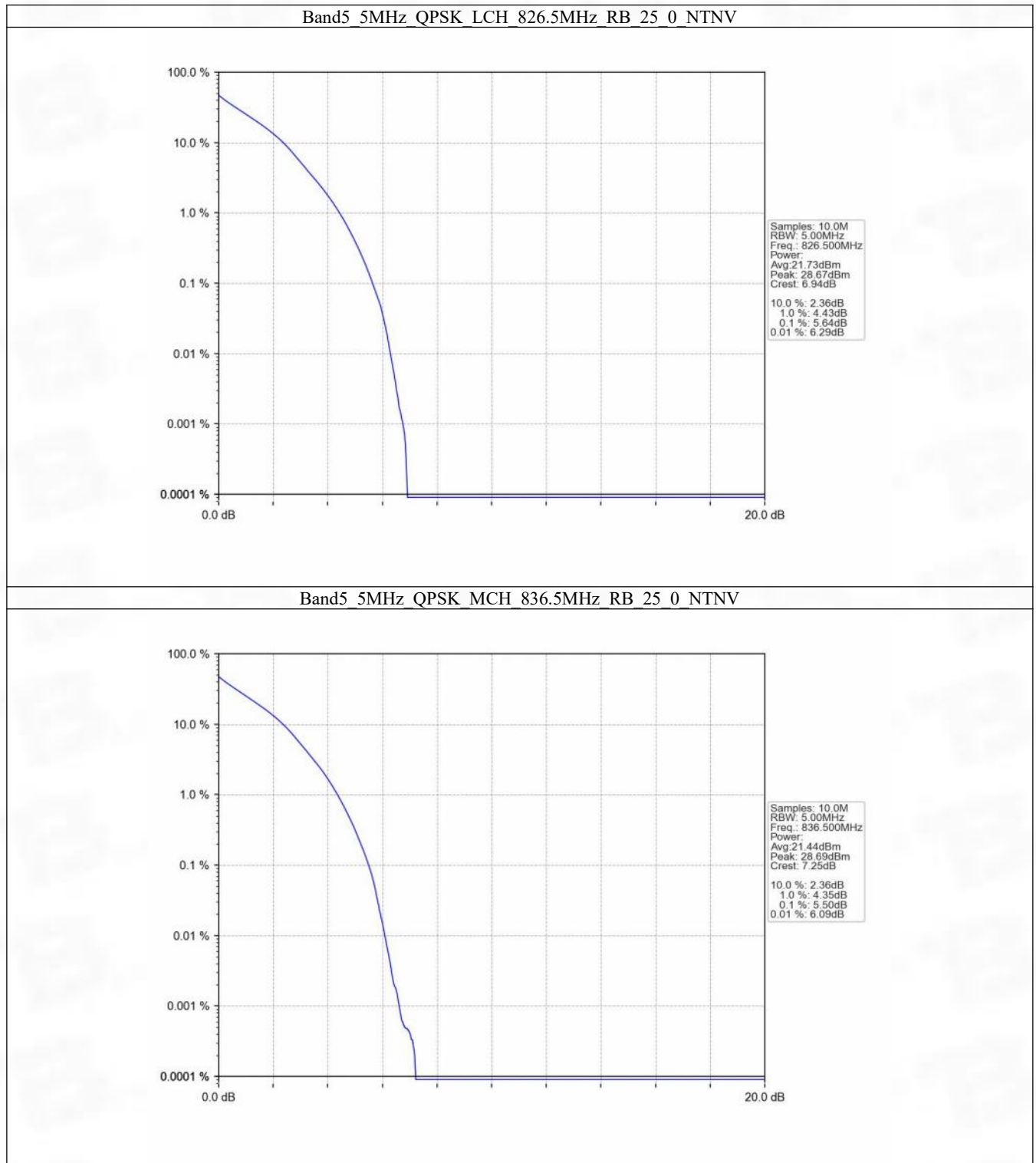
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



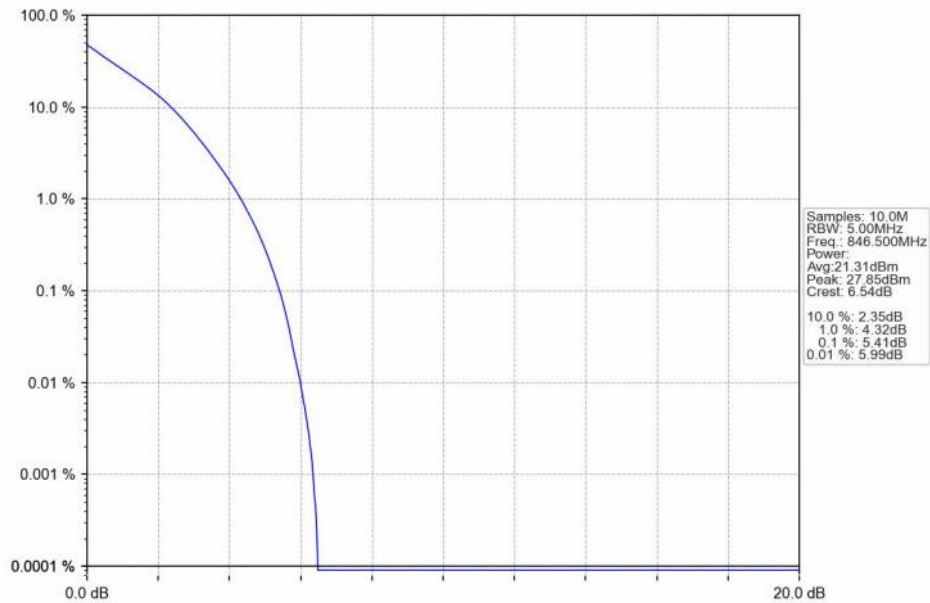
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



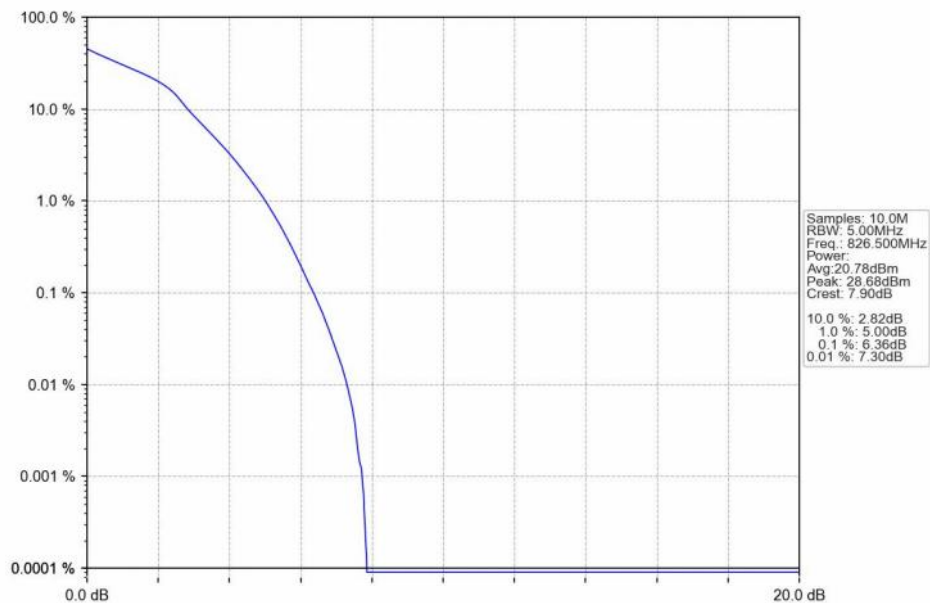
5.2.3 B5_5MHz



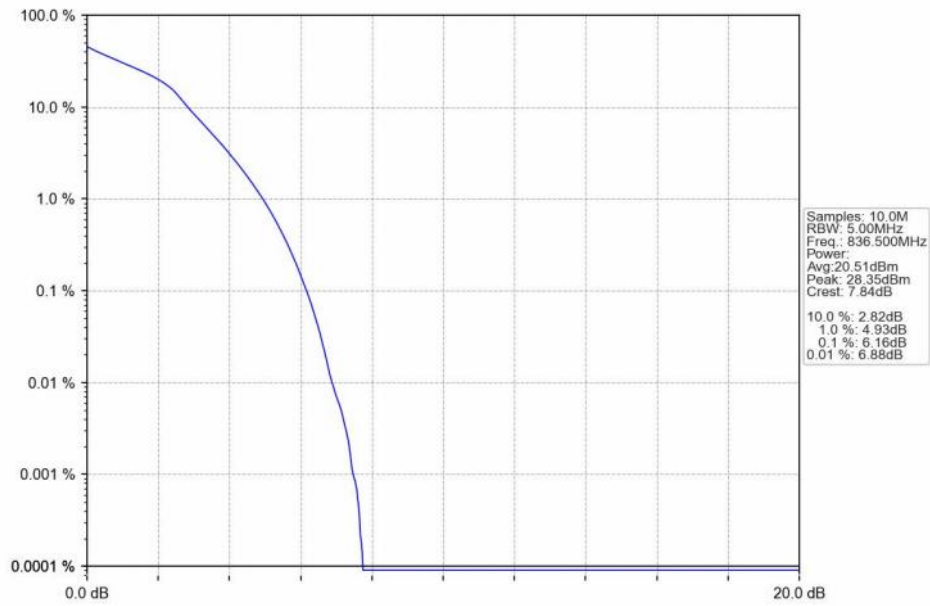
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTNV



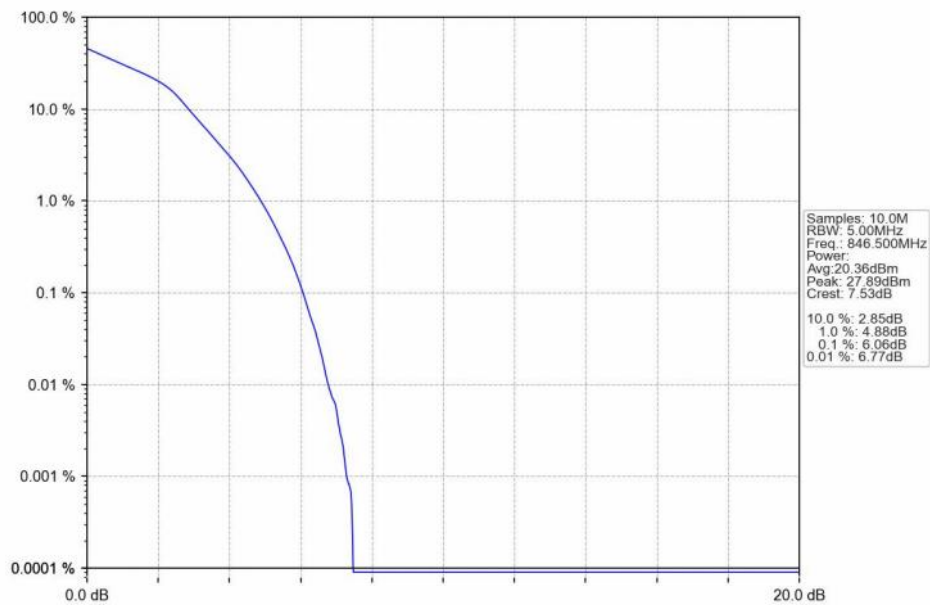
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTNV



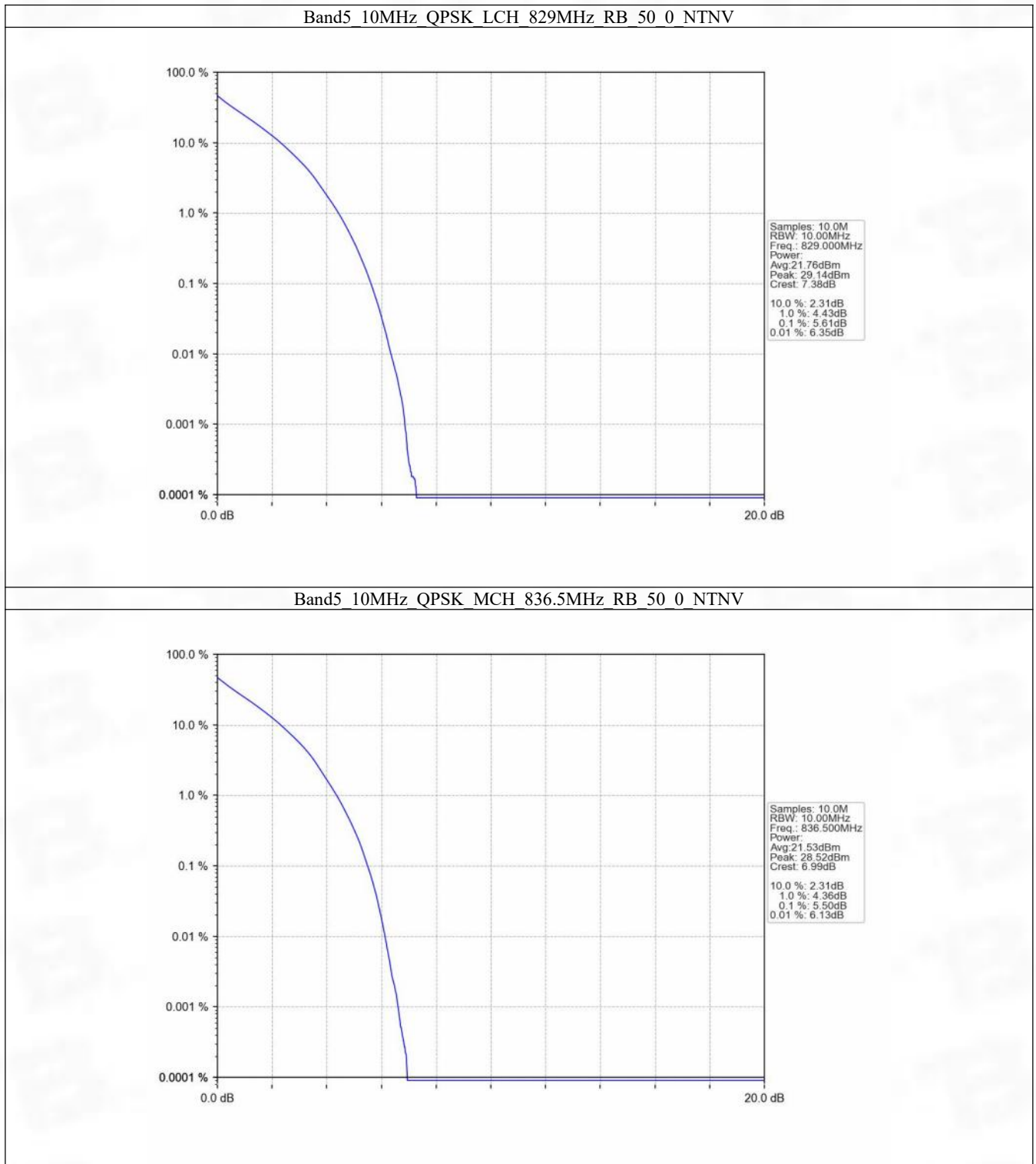
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



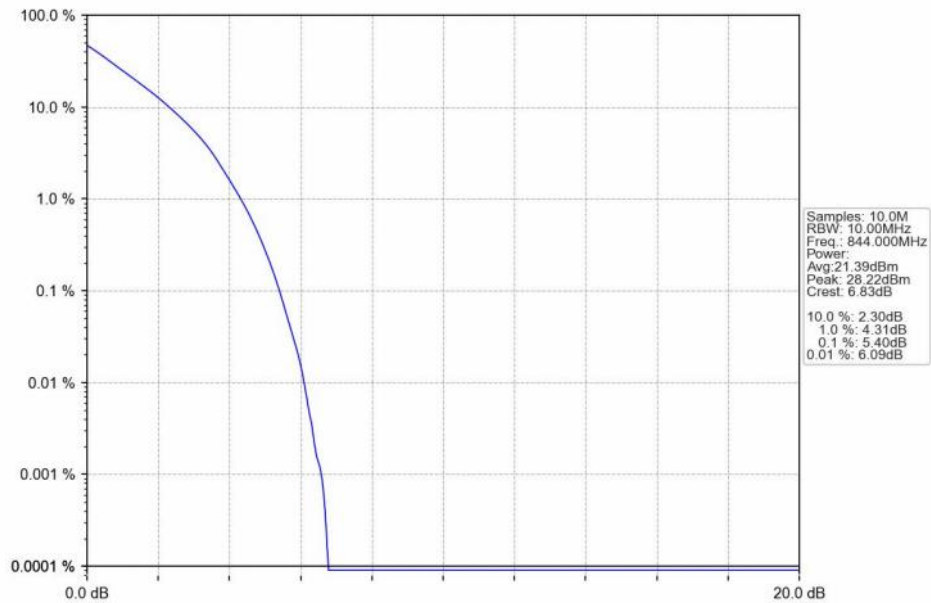
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



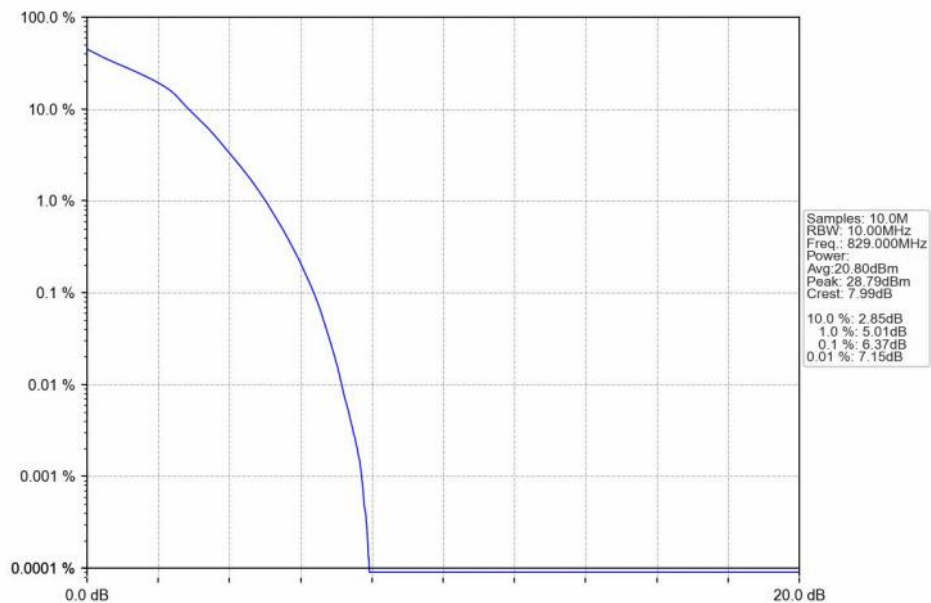
5.2.4 B5_10MHz



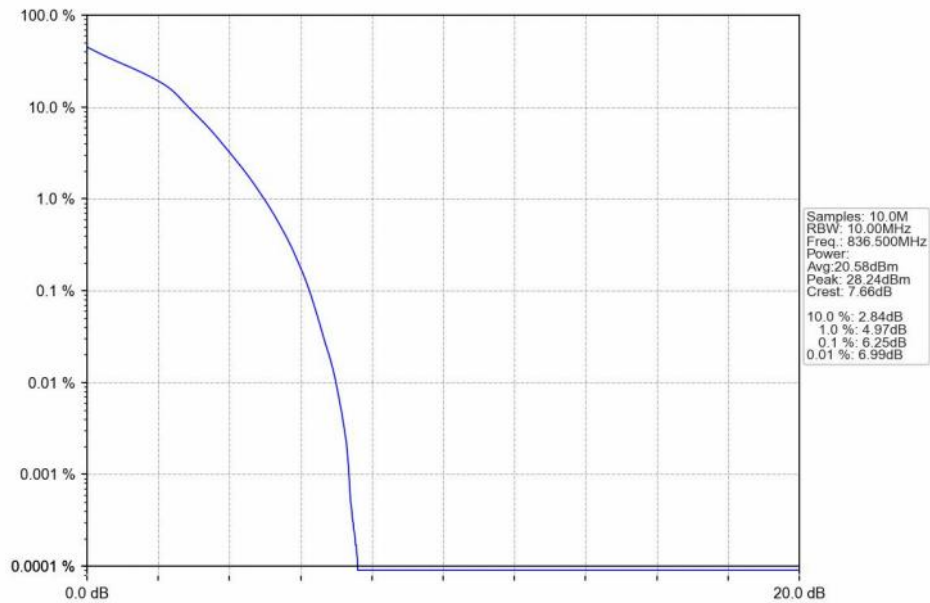
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



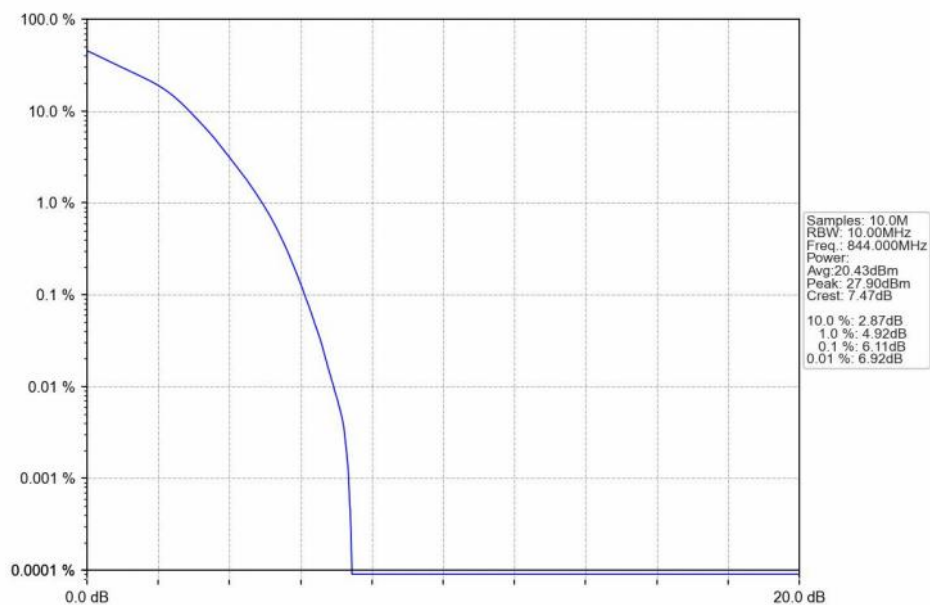
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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 / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		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
	848.3	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		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
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

6.1.3 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
	846.5	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
		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

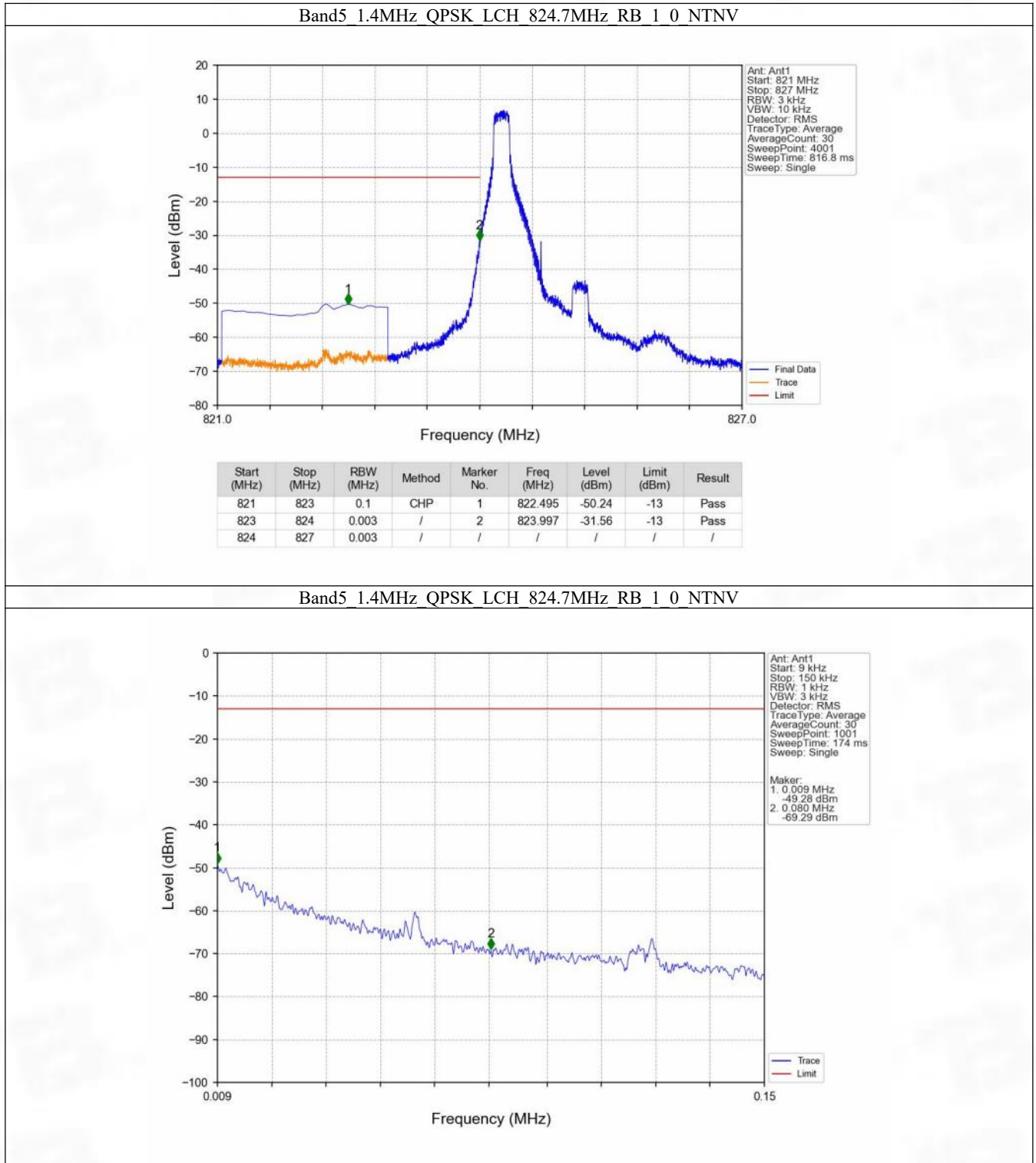
		25	0	Refer To Test Graph	Pass
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6.1.4 B5_10MHz

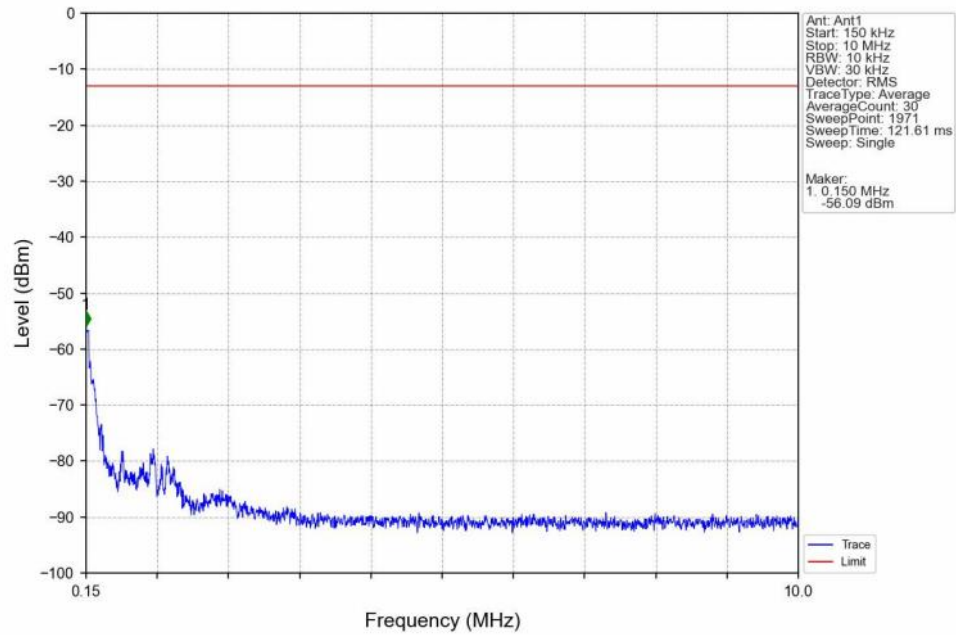
Band: 5 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	829	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	844	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50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

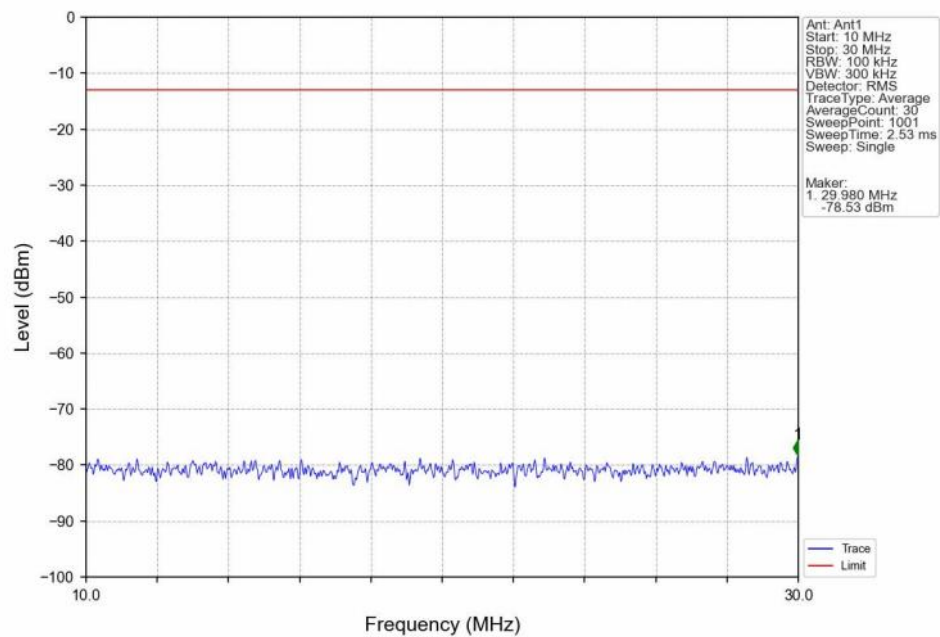
6.2.1 B5_1.4MHz



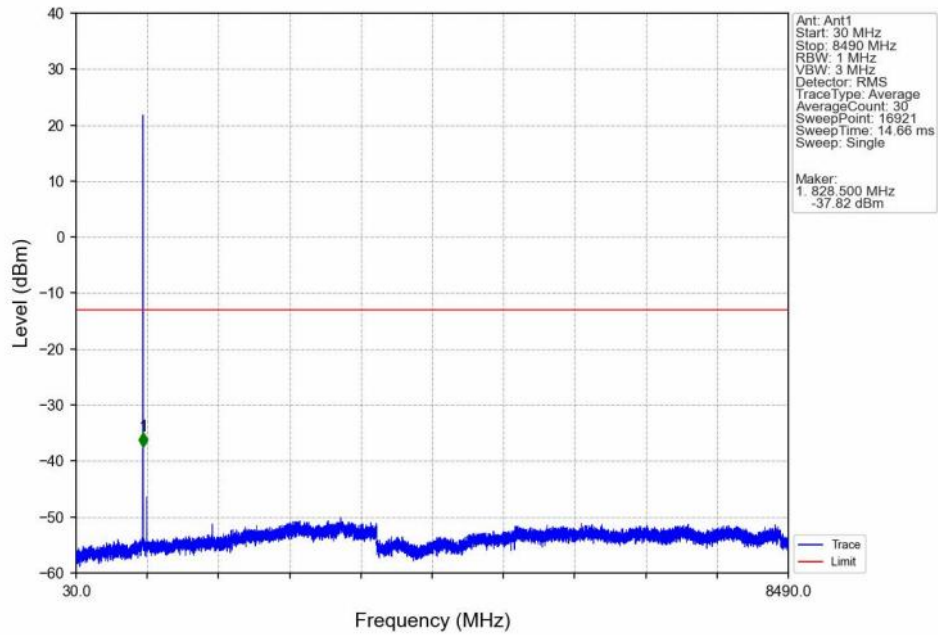
Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTNV



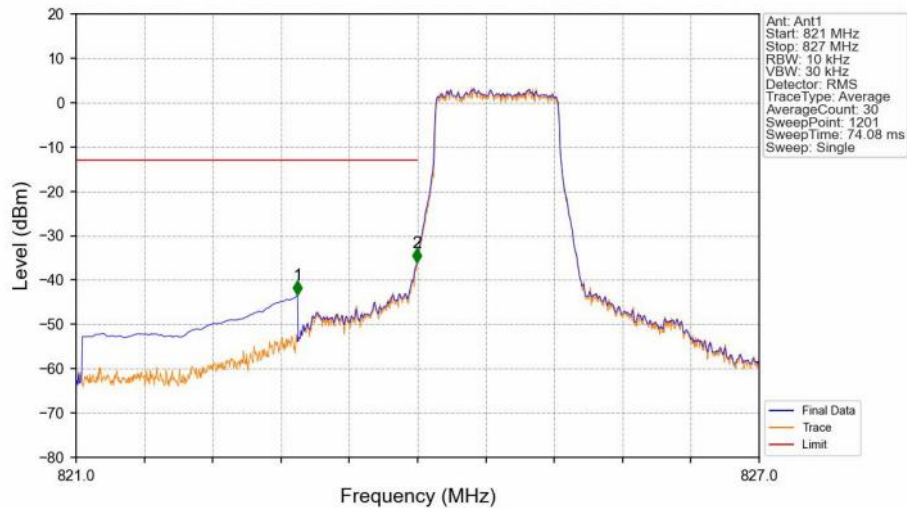
Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTNV



Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTNV

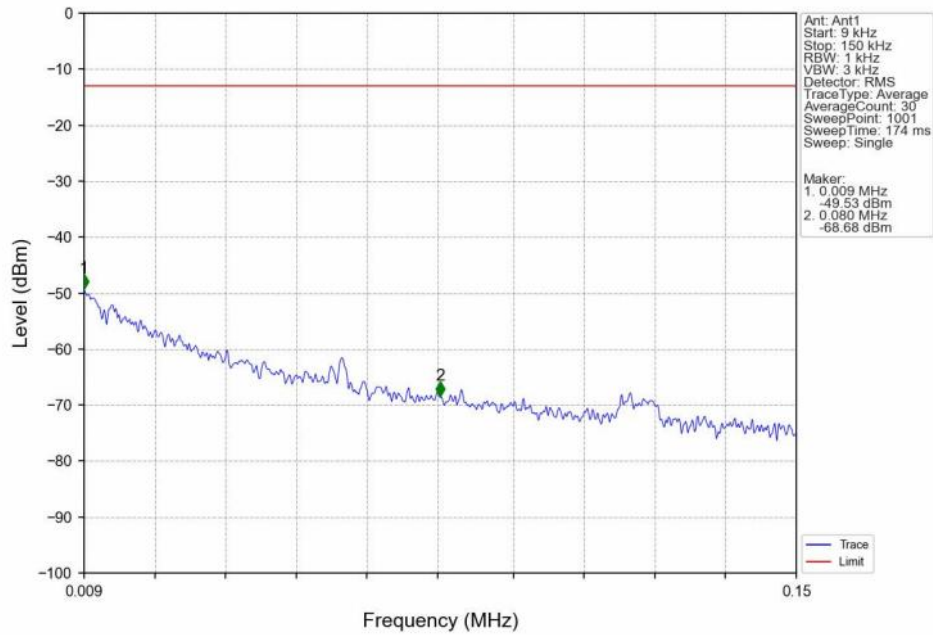


Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV

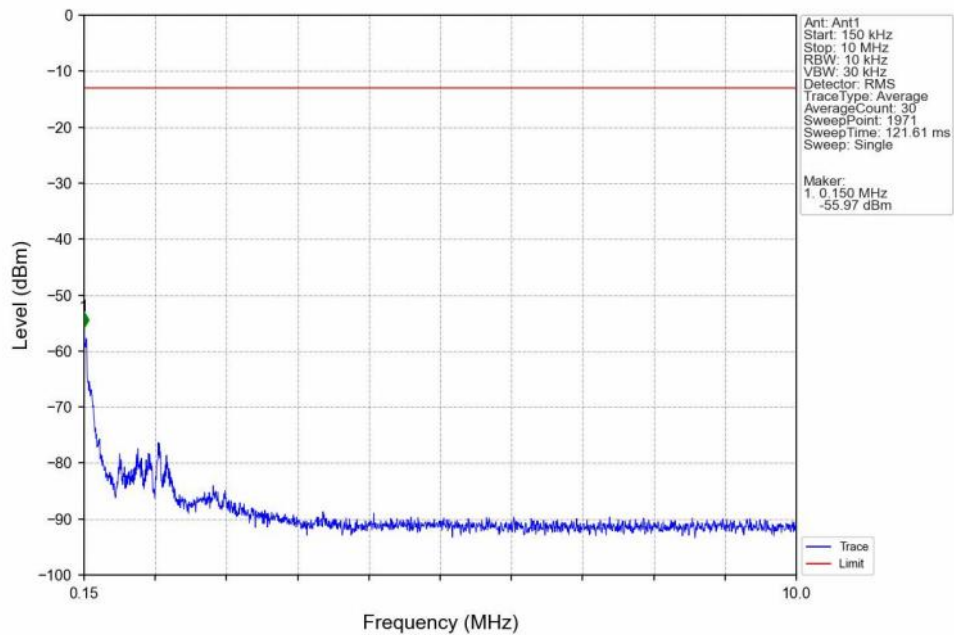


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-43.29	-13	Pass
823	824	0.013	CHP	2	823.995	-35.97	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

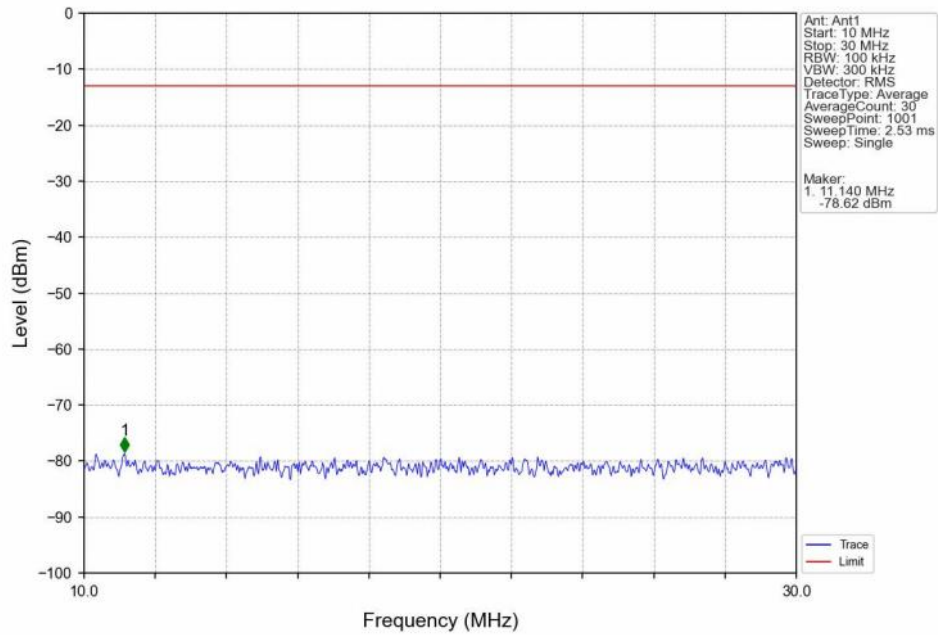
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



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

