



1. Effective (Isotropic) Radiated Power Output Data

1.1 B12_1.4MHz_ERP

1.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	699.7	1	0	24.44	0.59	22.88	<=34.77	Pass		
			2	24.57	0.59	23.01	<=34.77	Pass		
			5	24.05	0.59	22.49	<=34.77	Pass		
		3	0	24.02	0.59	22.46	<=34.77	Pass		
			2	24.06	0.59	22.50	<=34.77	Pass		
			3	24.08	0.59	22.52	<=34.77	Pass		
		6	0	23.05	0.59	21.49	<=34.77	Pass		
		707.5	1	0	24.08	0.59	22.52	<=34.77	Pass	
				2	24.16	0.59	22.60	<=34.77	Pass	
	5			24.07	0.59	22.51	<=34.77	Pass		
	3		0	24.16	0.59	22.60	<=34.77	Pass		
			2	24.19	0.59	22.63	<=34.77	Pass		
			3	24.15	0.59	22.59	<=34.77	Pass		
	6		0	23.19	0.59	21.63	<=34.77	Pass		
	715.3		1	0	24.02	0.59	22.46	<=34.77	Pass	
				2	24.16	0.59	22.60	<=34.77	Pass	
		5		24.04	0.59	22.48	<=34.77	Pass		
		3	0	24.00	0.59	22.44	<=34.77	Pass		
			2	24.03	0.59	22.47	<=34.77	Pass		
			3	23.98	0.59	22.42	<=34.77	Pass		
		6	0	23.17	0.59	21.61	<=34.77	Pass		
		16QAM	699.7	1	0	22.97	0.59	21.41	<=34.77	Pass
					2	23.09	0.59	21.53	<=34.77	Pass
	5				23.04	0.59	21.48	<=34.77	Pass	
3	0			23.06	0.59	21.50	<=34.77	Pass		
	2			23.08	0.59	21.52	<=34.77	Pass		
	3			23.07	0.59	21.51	<=34.77	Pass		
6	0			21.97	0.59	20.41	<=34.77	Pass		
707.5	1			0	23.22	0.59	21.66	<=34.77	Pass	
				2	23.34	0.59	21.78	<=34.77	Pass	
			5	23.24	0.59	21.68	<=34.77	Pass		
	3		0	23.08	0.59	21.52	<=34.77	Pass		
			2	23.22	0.59	21.66	<=34.77	Pass		
			3	23.13	0.59	21.57	<=34.77	Pass		
	6		0	22.20	0.59	20.64	<=34.77	Pass		
	715.3		1	0	22.91	0.59	21.35	<=34.77	Pass	
				2	23.01	0.59	21.45	<=34.77	Pass	
5				22.90	0.59	21.34	<=34.77	Pass		
3			0	23.16	0.59	21.60	<=34.77	Pass		
			2	23.17	0.59	21.61	<=34.77	Pass		
			3	23.13	0.59	21.57	<=34.77	Pass		
6			0	22.09	0.59	20.53	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.2 B12_3MHz_ERP

1.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	700.5	1	0	24.16	0.59	22.60	<=34.77	Pass		
			7	24.33	0.59	22.77	<=34.77	Pass		
			14	24.19	0.59	22.63	<=34.77	Pass		
		8	0	23.17	0.59	21.61	<=34.77	Pass		
			4	23.19	0.59	21.63	<=34.77	Pass		
			7	23.17	0.59	21.61	<=34.77	Pass		
		15	0	23.13	0.59	21.57	<=34.77	Pass		
		707.5	1	0	24.23	0.59	22.67	<=34.77	Pass	
				7	24.37	0.59	22.81	<=34.77	Pass	
	14			24.22	0.59	22.66	<=34.77	Pass		
	8		0	23.26	0.59	21.70	<=34.77	Pass		
			4	23.30	0.59	21.74	<=34.77	Pass		
			7	23.22	0.59	21.66	<=34.77	Pass		
	15		0	23.23	0.59	21.67	<=34.77	Pass		
	714.5		1	0	24.21	0.59	22.65	<=34.77	Pass	
				7	24.34	0.59	22.78	<=34.77	Pass	
		14		24.25	0.59	22.69	<=34.77	Pass		
		8	0	23.18	0.59	21.62	<=34.77	Pass		
			4	23.31	0.59	21.75	<=34.77	Pass		
			7	23.31	0.59	21.75	<=34.77	Pass		
		15	0	23.18	0.59	21.62	<=34.77	Pass		
		16QAM	700.5	1	0	23.14	0.59	21.58	<=34.77	Pass
					7	23.33	0.59	21.77	<=34.77	Pass
	14				23.17	0.59	21.61	<=34.77	Pass	
8	0			22.24	0.59	20.68	<=34.77	Pass		
	4			22.25	0.59	20.69	<=34.77	Pass		
	7			22.19	0.59	20.63	<=34.77	Pass		
15	0			22.20	0.59	20.64	<=34.77	Pass		
707.5	1			0	23.38	0.59	21.82	<=34.77	Pass	
				7	23.56	0.59	22.00	<=34.77	Pass	
			14	23.42	0.59	21.86	<=34.77	Pass		
	8		0	22.22	0.59	20.66	<=34.77	Pass		
			4	22.29	0.59	20.73	<=34.77	Pass		
			7	22.25	0.59	20.69	<=34.77	Pass		
	15		0	22.23	0.59	20.67	<=34.77	Pass		
	714.5		1	0	23.62	0.59	22.06	<=34.77	Pass	
				7	23.70	0.59	22.14	<=34.77	Pass	
14				23.51	0.59	21.95	<=34.77	Pass		
8			0	22.28	0.59	20.72	<=34.77	Pass		
			4	22.38	0.59	20.82	<=34.77	Pass		
			7	22.36	0.59	20.80	<=34.77	Pass		
15			0	22.21	0.59	20.65	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.3 B12_5MHz_ERP

1.3.1 Test Result

Band: 12 / Bandwidth: 5MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	701.5	1	0	23.95	0.59	22.39	<=34.77	Pass		
			13	24.12	0.59	22.56	<=34.77	Pass		
			24	24.06	0.59	22.50	<=34.77	Pass		
		12	0	23.16	0.59	21.60	<=34.77	Pass		
			6	23.12	0.59	21.56	<=34.77	Pass		
			13	23.17	0.59	21.61	<=34.77	Pass		
		25	0	23.12	0.59	21.56	<=34.77	Pass		
		707.5	1	0	24.01	0.59	22.45	<=34.77	Pass	
				13	24.17	0.59	22.61	<=34.77	Pass	
	24			24.10	0.59	22.54	<=34.77	Pass		
	12		0	23.02	0.59	21.46	<=34.77	Pass		
			6	23.19	0.59	21.63	<=34.77	Pass		
			13	23.02	0.59	21.46	<=34.77	Pass		
	25		0	22.98	0.59	21.42	<=34.77	Pass		
	713.5		1	0	24.07	0.59	22.51	<=34.77	Pass	
				13	24.63	0.59	23.07	<=34.77	Pass	
		24		24.07	0.59	22.51	<=34.77	Pass		
		12	0	23.20	0.59	21.64	<=34.77	Pass		
			6	23.15	0.59	21.59	<=34.77	Pass		
			13	23.27	0.59	21.71	<=34.77	Pass		
		25	0	23.26	0.59	21.70	<=34.77	Pass		
		16QAM	701.5	1	0	23.04	0.59	21.48	<=34.77	Pass
					13	23.19	0.59	21.63	<=34.77	Pass
	24				23.15	0.59	21.59	<=34.77	Pass	
12	0			22.13	0.59	20.57	<=34.77	Pass		
	6			22.09	0.59	20.53	<=34.77	Pass		
	13			22.11	0.59	20.55	<=34.77	Pass		
25	0			22.17	0.59	20.61	<=34.77	Pass		
707.5	1			0	23.26	0.59	21.70	<=34.77	Pass	
				13	23.43	0.59	21.87	<=34.77	Pass	
			24	23.38	0.59	21.82	<=34.77	Pass		
	12		0	22.06	0.59	20.50	<=34.77	Pass		
			6	22.24	0.59	20.68	<=34.77	Pass		
			13	22.08	0.59	20.52	<=34.77	Pass		
	25		0	21.99	0.59	20.43	<=34.77	Pass		
	713.5		1	0	22.95	0.59	21.39	<=34.77	Pass	
				13	22.98	0.59	21.42	<=34.77	Pass	
24				22.83	0.59	21.27	<=34.77	Pass		
12			0	22.19	0.59	20.63	<=34.77	Pass		
			6	22.12	0.59	20.56	<=34.77	Pass		
			13	22.22	0.59	20.66	<=34.77	Pass		
25			0	22.27	0.59	20.71	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15



1.4 B12_10MHz_ERP

1.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	704	1	0	24.01	0.59	22.45	<=34.77	Pass		
			25	24.42	0.59	22.86	<=34.77	Pass		
			49	24.19	0.59	22.63	<=34.77	Pass		
		25	0	23.13	0.59	21.57	<=34.77	Pass		
			13	23.21	0.59	21.65	<=34.77	Pass		
			25	23.40	0.59	21.84	<=34.77	Pass		
		50	0	23.34	0.59	21.78	<=34.77	Pass		
		707.5	1	0	24.02	0.59	22.46	<=34.77	Pass	
				25	24.37	0.59	22.81	<=34.77	Pass	
	49			23.96	0.59	22.40	<=34.77	Pass		
	25		0	22.84	0.59	21.28	<=34.77	Pass		
			13	23.20	0.59	21.64	<=34.77	Pass		
			25	22.78	0.59	21.22	<=34.77	Pass		
	50		0	22.87	0.59	21.31	<=34.77	Pass		
	711		1	0	24.10	0.59	22.54	<=34.77	Pass	
				25	24.01	0.59	22.45	<=34.77	Pass	
		49		25.26	0.59	23.70	<=34.77	Pass		
		25	0	23.59	0.59	22.03	<=34.77	Pass		
			13	23.28	0.59	21.72	<=34.77	Pass		
			25	23.30	0.59	21.74	<=34.77	Pass		
		50	0	23.47	0.59	21.91	<=34.77	Pass		
		16QAM	704	1	0	23.00	0.59	21.44	<=34.77	Pass
					25	23.31	0.59	21.75	<=34.77	Pass
	49				23.21	0.59	21.65	<=34.77	Pass	
25	0			22.20	0.59	20.64	<=34.77	Pass		
	13			22.31	0.59	20.75	<=34.77	Pass		
	25			22.49	0.59	20.93	<=34.77	Pass		
50	0			22.38	0.59	20.82	<=34.77	Pass		
707.5	1			0	23.15	0.59	21.59	<=34.77	Pass	
				25	23.51	0.59	21.95	<=34.77	Pass	
			49	23.32	0.59	21.76	<=34.77	Pass		
	25		0	21.87	0.59	20.31	<=34.77	Pass		
			13	22.20	0.59	20.64	<=34.77	Pass		
			25	21.82	0.59	20.26	<=34.77	Pass		
	50		0	21.88	0.59	20.32	<=34.77	Pass		
	711		1	0	23.57	0.59	22.01	<=34.77	Pass	
				25	23.91	0.59	22.35	<=34.77	Pass	
49				23.45	0.59	21.89	<=34.77	Pass		
25			0	22.61	0.59	21.05	<=34.77	Pass		
			13	22.35	0.59	20.79	<=34.77	Pass		
			25	22.33	0.59	20.77	<=34.77	Pass		
50			0	22.47	0.59	20.91	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15



2. Frequency Stability

2.1 B12_1.4MHz

2.1.1 Test Result

Band: 12 / 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	699.7	6	0	20	3.27	-3.018	-0.0043	-2.5 to 2.5	Pass
					3.85	-5.178	-0.0074	-2.5 to 2.5	Pass
					4.43	-12.760	-0.0182	-2.5 to 2.5	Pass
				-30	3.85	-3.419	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-5.765	-0.0082	-2.5 to 2.5	Pass
				-10	3.85	-3.819	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-9.398	-0.0134	-2.5 to 2.5	Pass
				10	3.85	-12.860	-0.0184	-2.5 to 2.5	Pass
				30	3.85	-10.529	-0.0150	-2.5 to 2.5	Pass
				40	3.85	-11.315	-0.0162	-2.5 to 2.5	Pass
	50	3.85	-5.407	-0.0077	-2.5 to 2.5	Pass			
	707.5	6	0	20	3.27	-2.618	-0.0037	-2.5 to 2.5	Pass
					3.85	-4.492	-0.0063	-2.5 to 2.5	Pass
					4.43	-0.515	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-2.604	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-3.247	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-4.892	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-10.858	-0.0153	-2.5 to 2.5	Pass
				10	3.85	-8.426	-0.0119	-2.5 to 2.5	Pass
				30	3.85	-0.515	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-4.721	-0.0067	-2.5 to 2.5	Pass
	50	3.85	-2.861	-0.0040	-2.5 to 2.5	Pass			
	715.3	6	0	20	3.27	-0.744	-0.0010	-2.5 to 2.5	Pass
					3.85	-9.584	-0.0134	-2.5 to 2.5	Pass
					4.43	-6.437	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-3.691	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-3.862	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-8.512	-0.0119	-2.5 to 2.5	Pass
				0	3.85	-12.889	-0.0180	-2.5 to 2.5	Pass
				10	3.85	-1.616	-0.0023	-2.5 to 2.5	Pass
30				3.85	-2.260	-0.0032	-2.5 to 2.5	Pass	
40				3.85	-2.675	-0.0037	-2.5 to 2.5	Pass	
50	3.85	-11.945	-0.0167	-2.5 to 2.5	Pass				
16QAM	699.7	6	0	20	3.27	-7.796	-0.0111	-2.5 to 2.5	Pass
					3.85	-3.119	-0.0045	-2.5 to 2.5	Pass
					4.43	-4.678	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-11.458	-0.0164	-2.5 to 2.5	Pass
				-20	3.85	-4.249	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-12.145	-0.0174	-2.5 to 2.5	Pass
				0	3.85	-3.290	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-4.334	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-9.985	-0.0143	-2.5 to 2.5	Pass
				40	3.85	-9.356	-0.0134	-2.5 to 2.5	Pass
50	3.85	-5.078	-0.0073	-2.5 to 2.5	Pass				

	707.5	6	0	20	3.27	-8.240	-0.0116	-2.5 to 2.5	Pass
					3.85	-1.502	-0.0021	-2.5 to 2.5	Pass
					4.43	-6.580	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-7.181	-0.0101	-2.5 to 2.5	Pass
				-20	3.85	-8.512	-0.0120	-2.5 to 2.5	Pass
				-10	3.85	-12.617	-0.0178	-2.5 to 2.5	Pass
				0	3.85	-5.450	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-2.618	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-3.834	-0.0054	-2.5 to 2.5	Pass
	40	3.85	-9.084	-0.0128	-2.5 to 2.5	Pass			
	50	3.85	-4.563	-0.0064	-2.5 to 2.5	Pass			
	715.3	6	0	20	3.27	-2.904	-0.0041	-2.5 to 2.5	Pass
					3.85	-1.917	-0.0027	-2.5 to 2.5	Pass
					4.43	-5.908	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-5.107	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-0.186	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-2.203	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-6.166	-0.0086	-2.5 to 2.5	Pass
10				3.85	-6.680	-0.0093	-2.5 to 2.5	Pass	
30				3.85	-13.075	-0.0183	-2.5 to 2.5	Pass	
40	3.85	-6.552	-0.0092	-2.5 to 2.5	Pass				
50	3.85	-7.982	-0.0112	-2.5 to 2.5	Pass				

2.2 B12_3MHz

2.2.1 Test Result

Band: 12 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	700.5	15	0	20	3.27	-5.322	-0.0076	-2.5 to 2.5	Pass
					3.85	-2.160	-0.0031	-2.5 to 2.5	Pass
					4.43	-8.411	-0.0120	-2.5 to 2.5	Pass
				-30	3.85	-12.503	-0.0178	-2.5 to 2.5	Pass
				-20	3.85	-7.324	-0.0105	-2.5 to 2.5	Pass
				-10	3.85	-6.137	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-3.519	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-4.621	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-10.057	-0.0144	-2.5 to 2.5	Pass
	40	3.85	-5.379	-0.0077	-2.5 to 2.5	Pass			
	50	3.85	-8.211	-0.0117	-2.5 to 2.5	Pass			
	707.5	15	0	20	3.27	-0.343	-0.0005	-2.5 to 2.5	Pass
					3.85	-5.536	-0.0078	-2.5 to 2.5	Pass
					4.43	-1.960	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-0.343	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-7.782	-0.0110	-2.5 to 2.5	Pass
				-10	3.85	-1.688	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-11.473	-0.0162	-2.5 to 2.5	Pass
				10	3.85	-4.377	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-6.280	-0.0089	-2.5 to 2.5	Pass
	40	3.85	-7.281	-0.0103	-2.5 to 2.5	Pass			
	50	3.85	-5.865	-0.0083	-2.5 to 2.5	Pass			
	714.5	15	0	20	3.27	-1.230	-0.0017	-2.5 to 2.5	Pass

					3.85	-9.313	-0.0130	-2.5 to 2.5	Pass	
					4.43	-7.396	-0.0104	-2.5 to 2.5	Pass	
					-30	3.85	-3.705	-0.0052	-2.5 to 2.5	Pass
					-20	3.85	-9.956	-0.0139	-2.5 to 2.5	Pass
					-10	3.85	-2.618	-0.0037	-2.5 to 2.5	Pass
					0	3.85	-3.490	-0.0049	-2.5 to 2.5	Pass
					10	3.85	-10.943	-0.0153	-2.5 to 2.5	Pass
					30	3.85	-2.475	-0.0035	-2.5 to 2.5	Pass
					40	3.85	-3.605	-0.0050	-2.5 to 2.5	Pass
					50	3.85	-6.981	-0.0098	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.27	-7.095	-0.0101	-2.5 to 2.5	Pass	
					3.85	-9.556	-0.0136	-2.5 to 2.5	Pass	
					4.43	-7.596	-0.0108	-2.5 to 2.5	Pass	
				-30	3.85	-10.672	-0.0152	-2.5 to 2.5	Pass	
				-20	3.85	-10.943	-0.0156	-2.5 to 2.5	Pass	
				-10	3.85	-9.856	-0.0141	-2.5 to 2.5	Pass	
				0	3.85	-5.107	-0.0073	-2.5 to 2.5	Pass	
				10	3.85	-8.597	-0.0123	-2.5 to 2.5	Pass	
				30	3.85	-3.819	-0.0055	-2.5 to 2.5	Pass	
				40	3.85	-4.435	-0.0063	-2.5 to 2.5	Pass	
				50	3.85	-5.679	-0.0081	-2.5 to 2.5	Pass	
				707.5	15	0	20	3.27	-2.890	-0.0041
	3.85	-4.077	-0.0058					-2.5 to 2.5	Pass	
	4.43	-6.752	-0.0095					-2.5 to 2.5	Pass	
	-30	3.85	-7.153				-0.0101	-2.5 to 2.5	Pass	
	-20	3.85	-5.393				-0.0076	-2.5 to 2.5	Pass	
	-10	3.85	-4.034				-0.0057	-2.5 to 2.5	Pass	
	0	3.85	-5.665				-0.0080	-2.5 to 2.5	Pass	
	10	3.85	-4.334				-0.0061	-2.5 to 2.5	Pass	
	30	3.85	-8.469				-0.0120	-2.5 to 2.5	Pass	
	40	3.85	-7.310				-0.0103	-2.5 to 2.5	Pass	
	50	3.85	-7.310				-0.0103	-2.5 to 2.5	Pass	
	714.5	15	0				20	3.27	-7.296	-0.0102
				3.85	-5.980	-0.0084		-2.5 to 2.5	Pass	
4.43				-3.076	-0.0043	-2.5 to 2.5		Pass		
-30				3.85	-0.987	-0.0014	-2.5 to 2.5	Pass		
-20				3.85	-11.888	-0.0166	-2.5 to 2.5	Pass		
-10				3.85	-2.103	-0.0029	-2.5 to 2.5	Pass		
0				3.85	-7.567	-0.0106	-2.5 to 2.5	Pass		
10				3.85	-8.597	-0.0120	-2.5 to 2.5	Pass		
30				3.85	-7.067	-0.0099	-2.5 to 2.5	Pass		
40				3.85	-10.028	-0.0140	-2.5 to 2.5	Pass		
50				3.85	-5.136	-0.0072	-2.5 to 2.5	Pass		

2.3 B12_5MHz

2.3.1 Test Result

Band: 12 / Bandwidth: 5MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	701.5	25	0	20		3.27	-12.002	-0.0171	-2.5 to 2.5	Pass
						3.85	-9.255	-0.0132	-2.5 to 2.5	Pass

					4.43	-5.722	-0.0082	-2.5 to 2.5	Pass	
				-30	3.85	-7.467	-0.0106	-2.5 to 2.5	Pass	
				-20	3.85	-4.721	-0.0067	-2.5 to 2.5	Pass	
				-10	3.85	-6.137	-0.0087	-2.5 to 2.5	Pass	
				0	3.85	-4.778	-0.0068	-2.5 to 2.5	Pass	
				10	3.85	-4.849	-0.0069	-2.5 to 2.5	Pass	
				30	3.85	-5.465	-0.0078	-2.5 to 2.5	Pass	
				40	3.85	-8.268	-0.0118	-2.5 to 2.5	Pass	
				50	3.85	-7.081	-0.0101	-2.5 to 2.5	Pass	
	707.5	25	0	20	3.27	-1.860	-0.0026	-2.5 to 2.5	Pass	
					3.85	-6.137	-0.0087	-2.5 to 2.5	Pass	
					4.43	-7.596	-0.0107	-2.5 to 2.5	Pass	
				-30	3.85	-3.676	-0.0052	-2.5 to 2.5	Pass	
				-20	3.85	-5.078	-0.0072	-2.5 to 2.5	Pass	
				-10	3.85	-4.907	-0.0069	-2.5 to 2.5	Pass	
				0	3.85	-6.895	-0.0097	-2.5 to 2.5	Pass	
				10	3.85	-6.666	-0.0094	-2.5 to 2.5	Pass	
				30	3.85	-2.389	-0.0034	-2.5 to 2.5	Pass	
	40	3.85	-4.134	-0.0058	-2.5 to 2.5	Pass				
	50	3.85	-11.172	-0.0158	-2.5 to 2.5	Pass				
	713.5	25	0	20	3.27	-6.967	-0.0098	-2.5 to 2.5	Pass	
					3.85	-6.967	-0.0098	-2.5 to 2.5	Pass	
					4.43	-5.965	-0.0084	-2.5 to 2.5	Pass	
				-30	3.85	-6.995	-0.0098	-2.5 to 2.5	Pass	
				-20	3.85	-10.028	-0.0141	-2.5 to 2.5	Pass	
				-10	3.85	-12.274	-0.0172	-2.5 to 2.5	Pass	
				0	3.85	-5.307	-0.0074	-2.5 to 2.5	Pass	
				10	3.85	-7.954	-0.0111	-2.5 to 2.5	Pass	
				30	3.85	-7.854	-0.0110	-2.5 to 2.5	Pass	
	40	3.85	-8.898	-0.0125	-2.5 to 2.5	Pass				
	50	3.85	-4.978	-0.0070	-2.5 to 2.5	Pass				
	16QAM	701.5	25	0	20	3.27	-7.725	-0.0110	-2.5 to 2.5	Pass
						3.85	-3.290	-0.0047	-2.5 to 2.5	Pass
4.43						-9.470	-0.0135	-2.5 to 2.5	Pass	
-30					3.85	-8.183	-0.0117	-2.5 to 2.5	Pass	
-20					3.85	-6.838	-0.0097	-2.5 to 2.5	Pass	
-10					3.85	-10.228	-0.0146	-2.5 to 2.5	Pass	
0					3.85	-10.686	-0.0152	-2.5 to 2.5	Pass	
10					3.85	-3.176	-0.0045	-2.5 to 2.5	Pass	
30					3.85	-9.155	-0.0131	-2.5 to 2.5	Pass	
40		3.85	-1.645	-0.0023	-2.5 to 2.5	Pass				
50		3.85	-4.435	-0.0063	-2.5 to 2.5	Pass				
707.5		25	0	20	3.27	-7.553	-0.0107	-2.5 to 2.5	Pass	
					3.85	-7.925	-0.0112	-2.5 to 2.5	Pass	
					4.43	-7.324	-0.0104	-2.5 to 2.5	Pass	
				-30	3.85	-0.973	-0.0014	-2.5 to 2.5	Pass	
				-20	3.85	-1.774	-0.0025	-2.5 to 2.5	Pass	
				-10	3.85	-6.280	-0.0089	-2.5 to 2.5	Pass	
				0	3.85	-4.635	-0.0066	-2.5 to 2.5	Pass	
				10	3.85	0.844	0.0012	-2.5 to 2.5	Pass	
				30	3.85	-4.191	-0.0059	-2.5 to 2.5	Pass	
40		3.85	-6.166	-0.0087	-2.5 to 2.5	Pass				
50		3.85	-2.632	-0.0037	-2.5 to 2.5	Pass				
713.5		25	0	20	3.27	-6.781	-0.0095	-2.5 to 2.5	Pass	
					3.85	-7.038	-0.0099	-2.5 to 2.5	Pass	



					4.43	-6.137	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-7.253	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-13.275	-0.0186	-2.5 to 2.5	Pass
				-10	3.85	-7.768	-0.0109	-2.5 to 2.5	Pass
				0	3.85	-10.314	-0.0145	-2.5 to 2.5	Pass
				10	3.85	-9.899	-0.0139	-2.5 to 2.5	Pass
				30	3.85	-6.223	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-7.138	-0.0100	-2.5 to 2.5	Pass
				50	3.85	-7.439	-0.0104	-2.5 to 2.5	Pass

2.4 B12_10MHz

2.4.1 Test Result

Band: 12 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	704	50	0	20	3.27	-1.659	-0.0024	-2.5 to 2.5	Pass
					3.85	-5.708	-0.0081	-2.5 to 2.5	Pass
					4.43	-4.463	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-5.093	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-6.752	-0.0096	-2.5 to 2.5	Pass
				-10	3.85	-5.422	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-5.436	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-4.277	-0.0061	-2.5 to 2.5	Pass
				30	3.85	-3.920	-0.0056	-2.5 to 2.5	Pass
	40	3.85	-5.851	-0.0083	-2.5 to 2.5	Pass			
	50	3.85	-5.422	-0.0077	-2.5 to 2.5	Pass			
	707.5	50	0	20	3.27	-3.662	-0.0052	-2.5 to 2.5	Pass
					3.85	-3.834	-0.0054	-2.5 to 2.5	Pass
					4.43	-2.718	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-3.862	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-3.848	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-6.981	-0.0099	-2.5 to 2.5	Pass
				0	3.85	-1.173	-0.0017	-2.5 to 2.5	Pass
				10	3.85	0.515	0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.073	-0.0015	-2.5 to 2.5	Pass
	40	3.85	0.129	0.0002	-2.5 to 2.5	Pass			
	50	3.85	-6.781	-0.0096	-2.5 to 2.5	Pass			
	711	50	0	20	3.27	-3.190	-0.0045	-2.5 to 2.5	Pass
					3.85	-2.475	-0.0035	-2.5 to 2.5	Pass
					4.43	-3.333	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-6.123	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-5.021	-0.0071	-2.5 to 2.5	Pass
-10				3.85	-5.393	-0.0076	-2.5 to 2.5	Pass	
0				3.85	-7.739	-0.0109	-2.5 to 2.5	Pass	
10				3.85	-8.941	-0.0126	-2.5 to 2.5	Pass	
30				3.85	-7.339	-0.0103	-2.5 to 2.5	Pass	
40	3.85	-4.764	-0.0067	-2.5 to 2.5	Pass				
50	3.85	-9.527	-0.0134	-2.5 to 2.5	Pass				
16QAM	704	50	0	20	3.27	-8.111	-0.0115	-2.5 to 2.5	Pass
					3.85	-6.123	-0.0087	-2.5 to 2.5	Pass
					4.43	-6.137	-0.0087	-2.5 to 2.5	Pass

	707.5	50	0	-30	3.85	-6.423	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-3.319	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-6.537	-0.0093	-2.5 to 2.5	Pass
				0	3.85	-4.749	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-5.794	-0.0082	-2.5 to 2.5	Pass
				30	3.85	-3.934	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-7.353	-0.0104	-2.5 to 2.5	Pass
				50	3.85	-9.284	-0.0132	-2.5 to 2.5	Pass
				711	50	0	20	3.27	-4.792
	3.85	-5.150	-0.0073					-2.5 to 2.5	Pass
	4.43	-2.232	-0.0032					-2.5 to 2.5	Pass
	-30	3.85	0.401				0.0006	-2.5 to 2.5	Pass
	-20	3.85	-5.307				-0.0075	-2.5 to 2.5	Pass
	-10	3.85	-10.486				-0.0148	-2.5 to 2.5	Pass
	0	3.85	-3.076				-0.0043	-2.5 to 2.5	Pass
	10	3.85	-5.450				-0.0077	-2.5 to 2.5	Pass
	30	3.85	-6.065				-0.0086	-2.5 to 2.5	Pass
	40	3.85	-6.166				-0.0087	-2.5 to 2.5	Pass
	50	3.85	-8.612				-0.0122	-2.5 to 2.5	Pass
	711	50	0				20	3.27	-5.064
				3.85	-8.397	-0.0118		-2.5 to 2.5	Pass
				4.43	-10.915	-0.0154		-2.5 to 2.5	Pass
				-30	3.85	-7.610	-0.0107	-2.5 to 2.5	Pass
				-20	3.85	-4.492	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-10.085	-0.0142	-2.5 to 2.5	Pass
				0	3.85	-7.882	-0.0111	-2.5 to 2.5	Pass
				10	3.85	-7.153	-0.0101	-2.5 to 2.5	Pass
				30	3.85	-4.249	-0.0060	-2.5 to 2.5	Pass
	40	3.85	-3.133	-0.0044	-2.5 to 2.5	Pass			
	50	3.85	-4.935	-0.0069	-2.5 to 2.5	Pass			

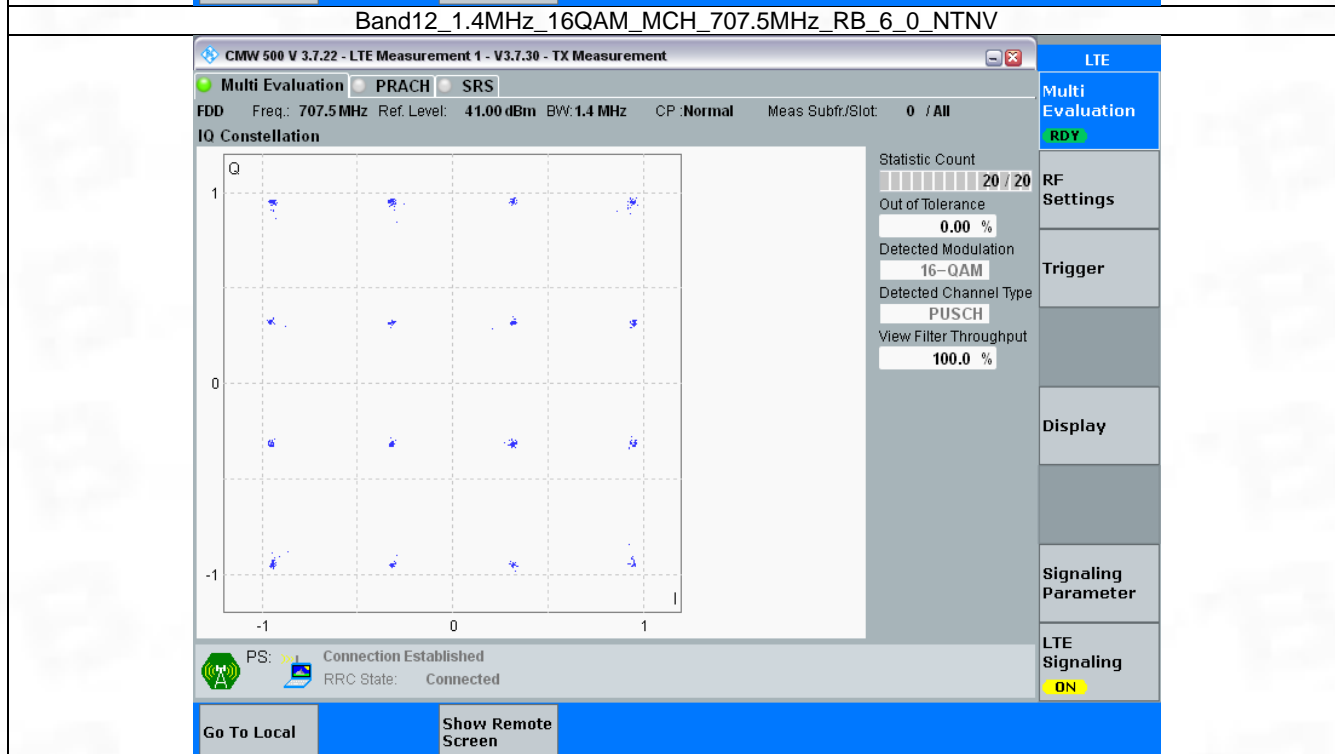
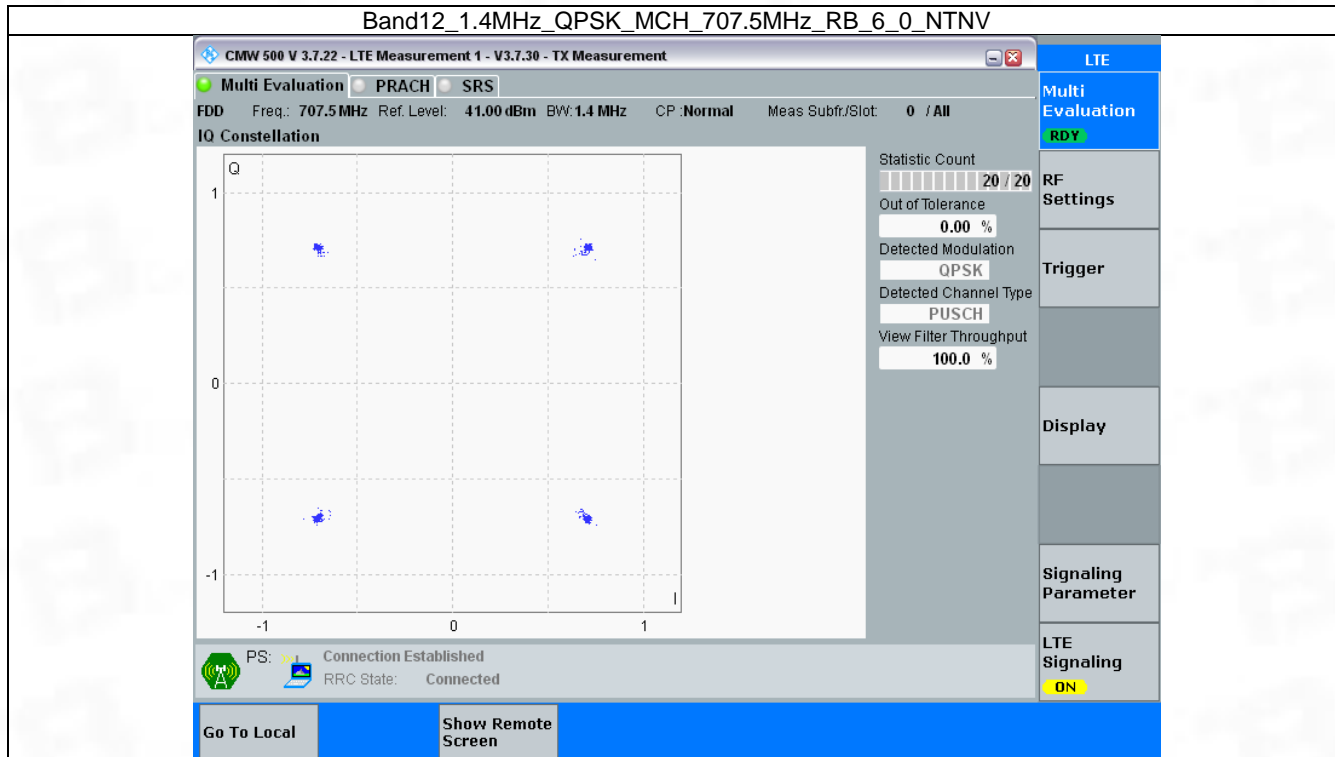
3. Modulation Characteristics

3.1 B12_1.4MHz

3.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	6	0	Refer To Test Graph		Pass
16QAM	707.5	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph



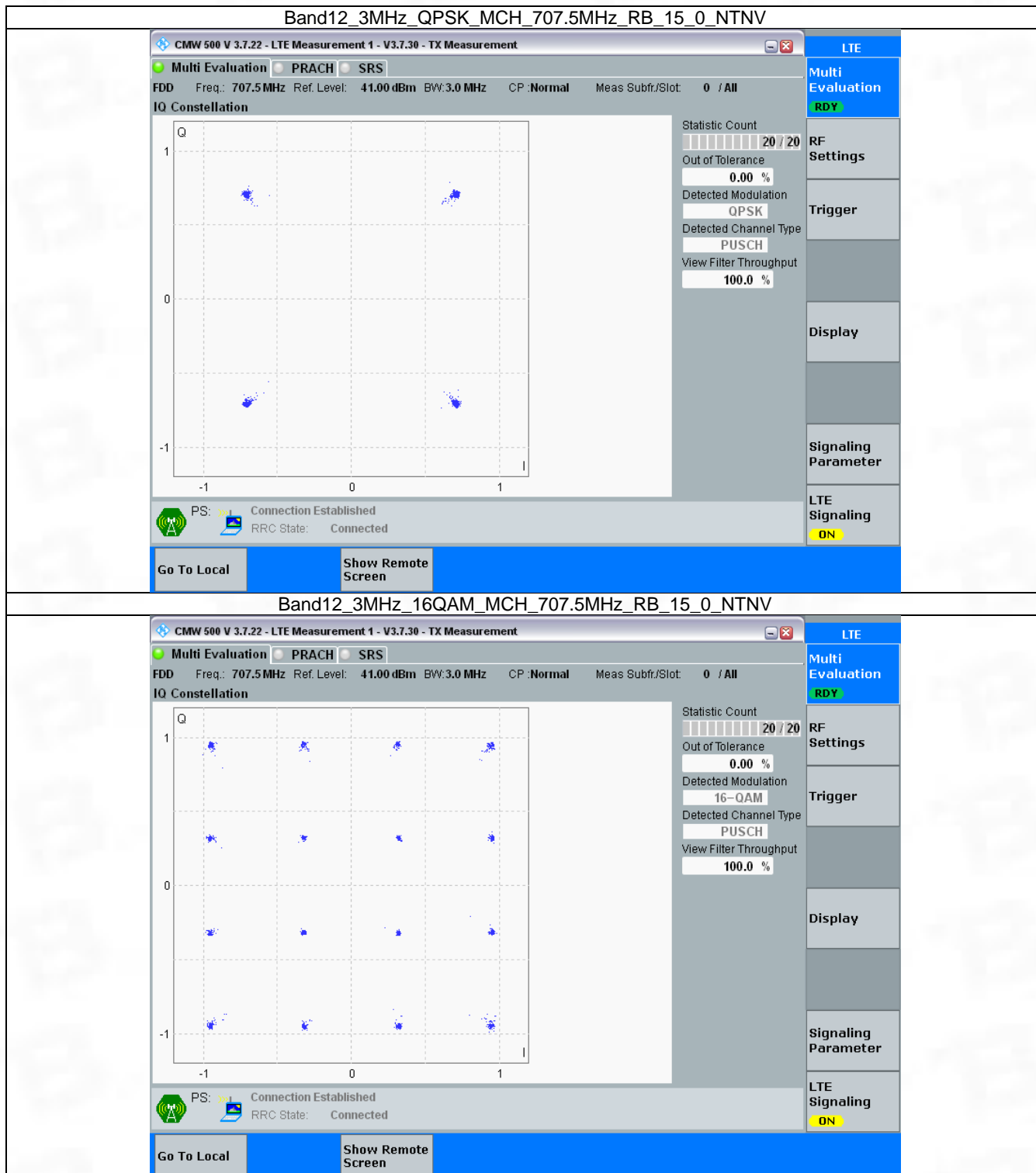


3.2 B12_3MHz

3.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	15	0	Refer To Test Graph	Pass	
16QAM	707.5	15	0	Refer To Test Graph	Pass	

3.2.2 Test Graph



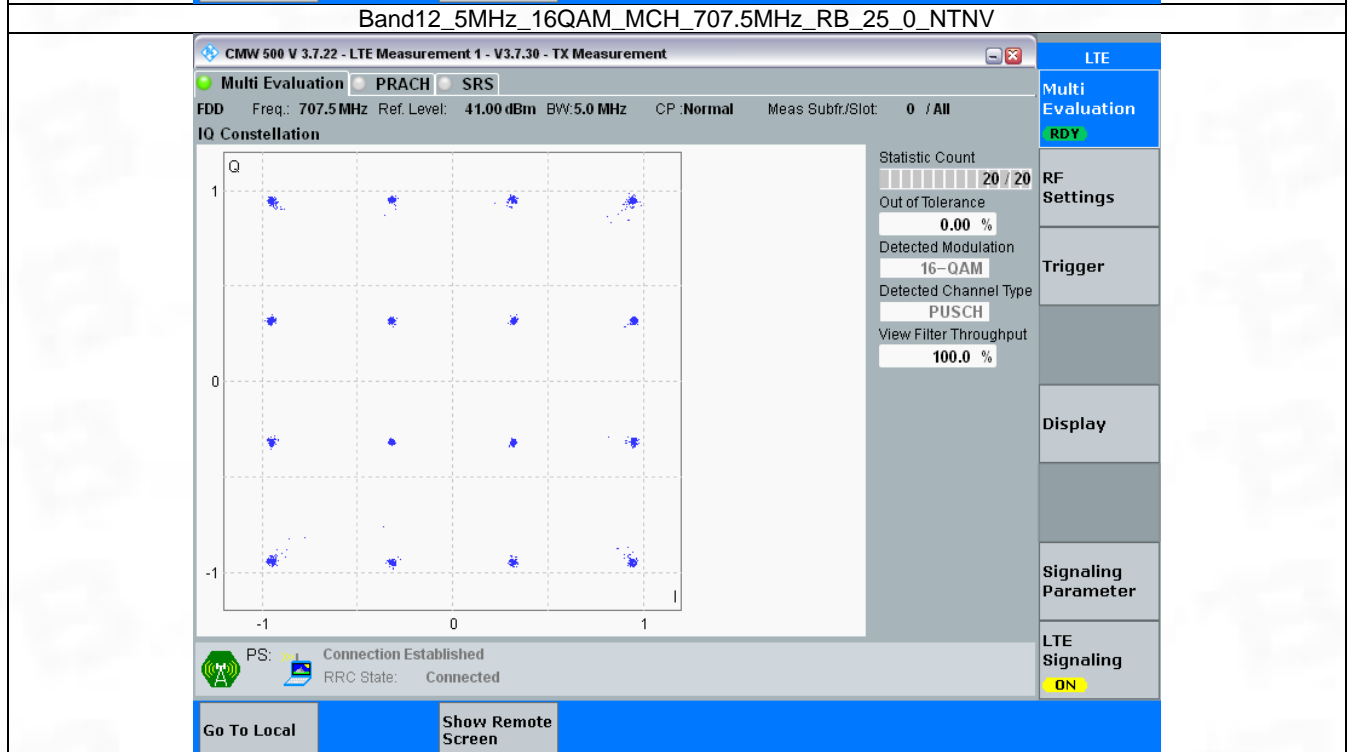
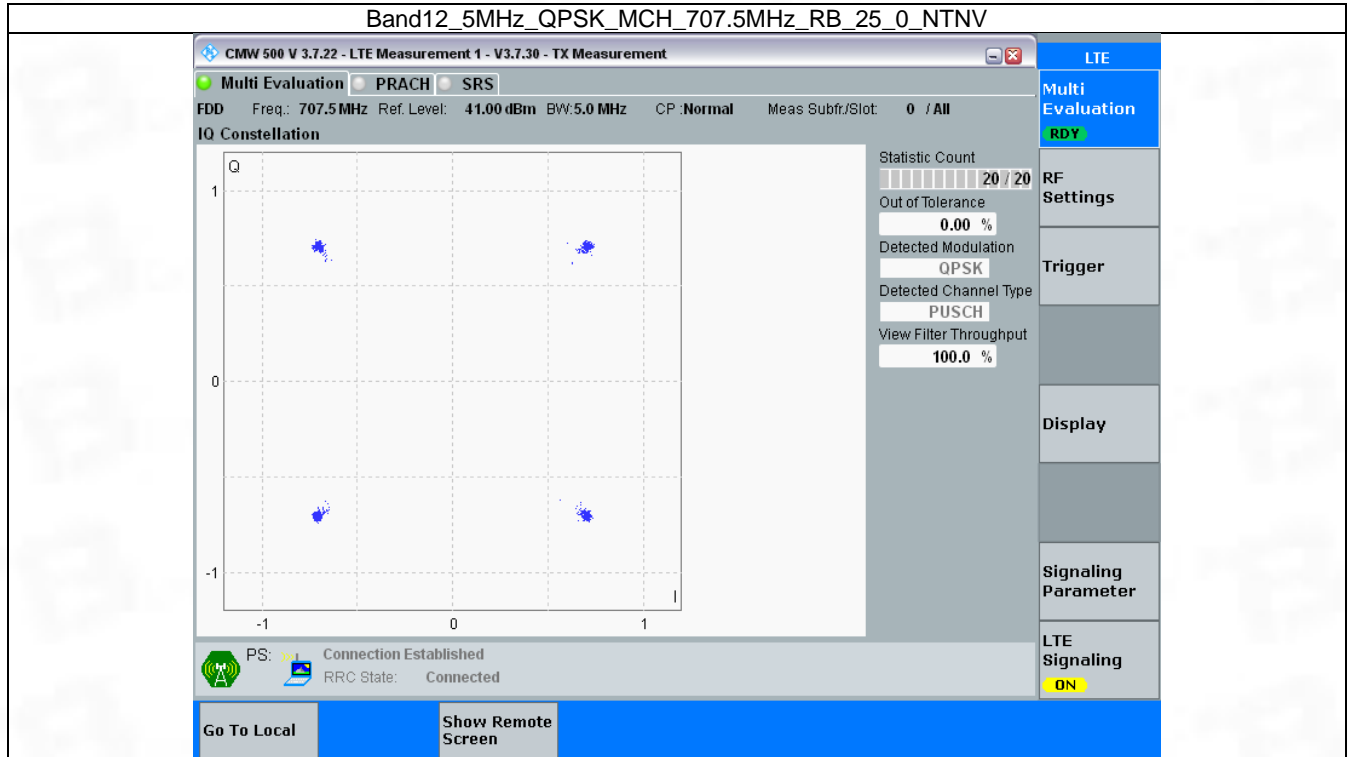


3.3 B12_5MHz

3.3.1 Test Result

Band: 12 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	25	0	Refer To Test Graph	Pass	
16QAM	707.5	25	0	Refer To Test Graph	Pass	

3.3.2 Test Graph



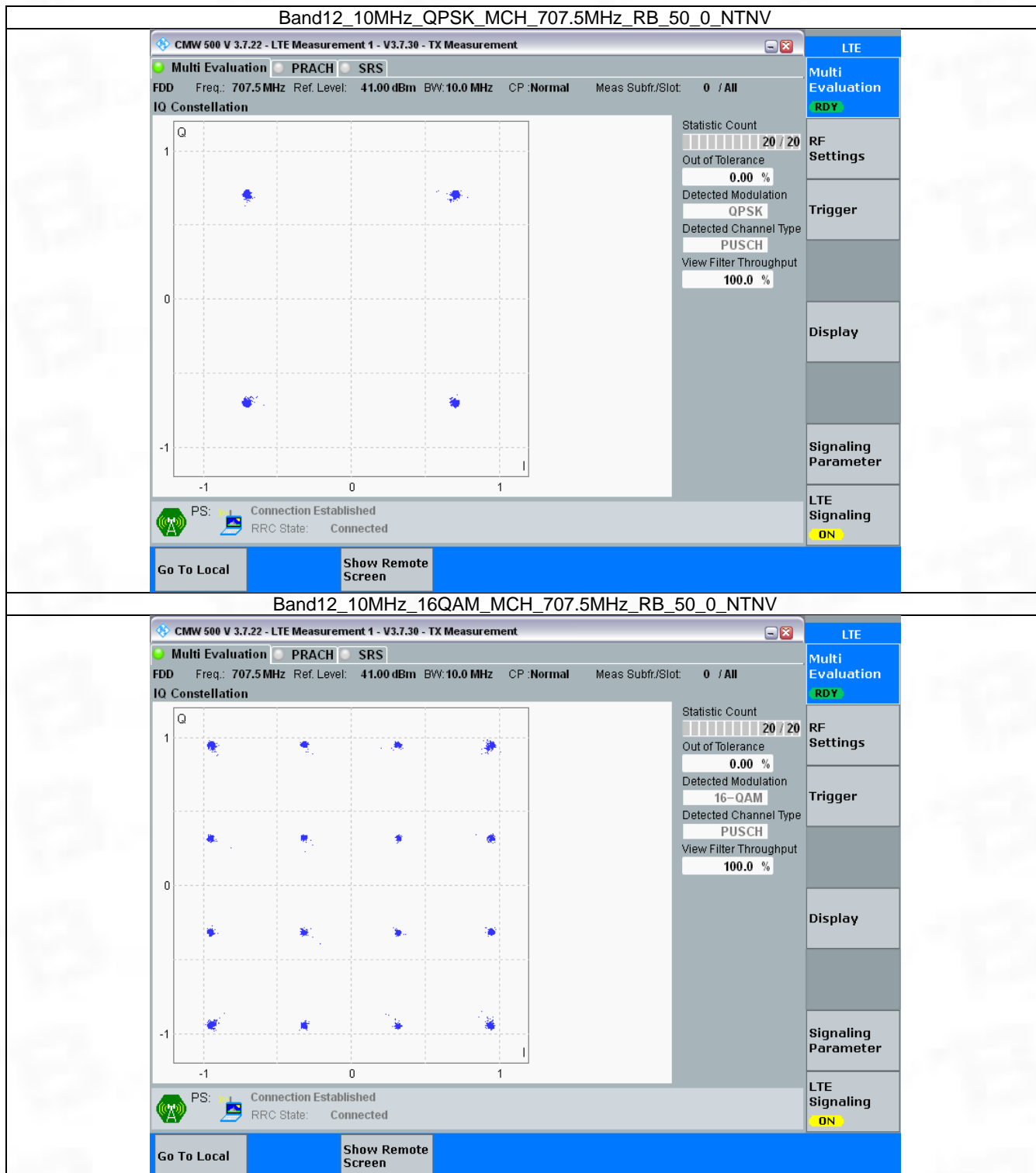


3.4 B12_10MHz

3.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	Refer To Test Graph	Pass	
16QAM	707.5	50	0	Refer To Test Graph	Pass	

3.4.2 Test Graph



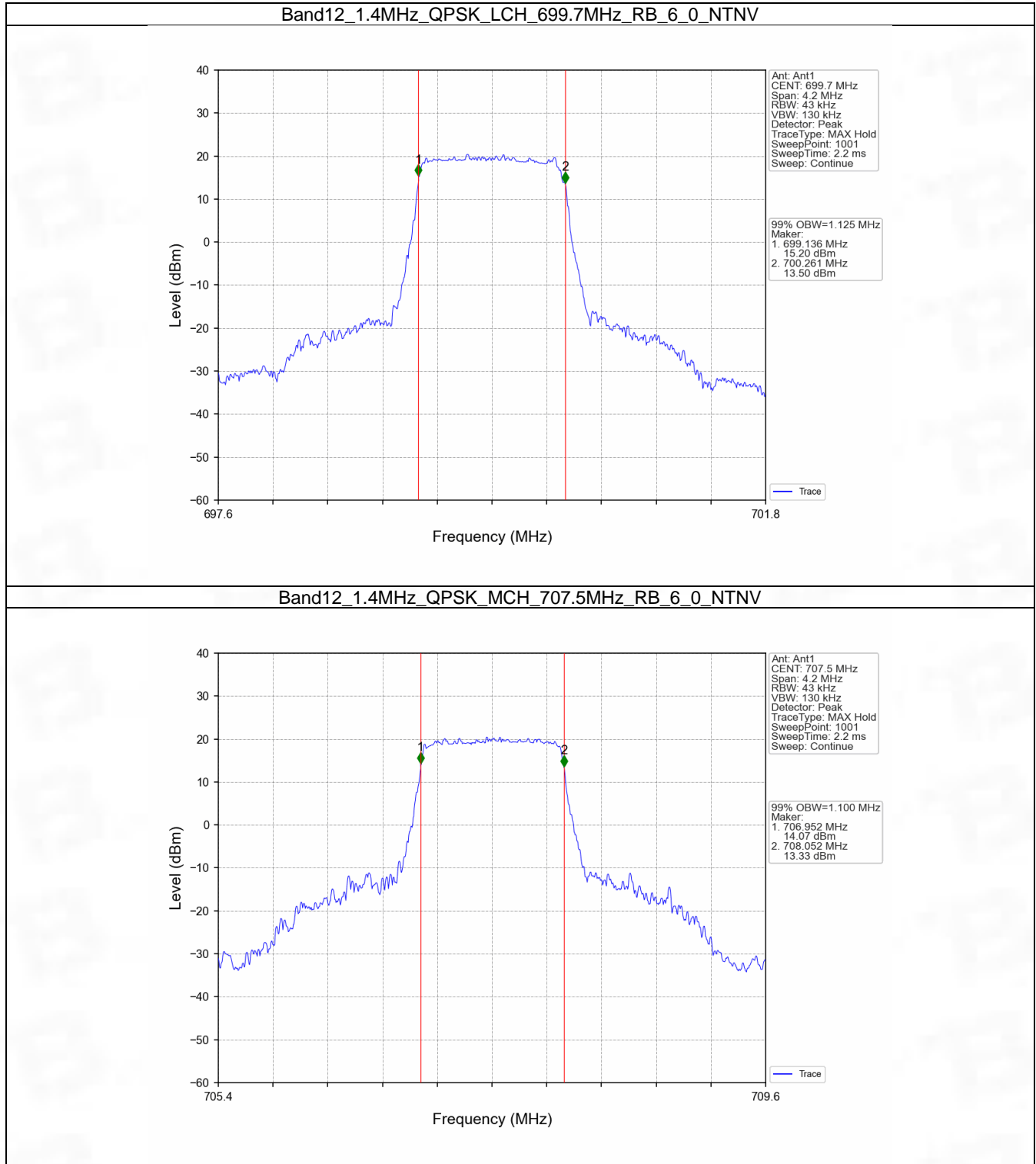
4. 99% & 26dB Bandwidth

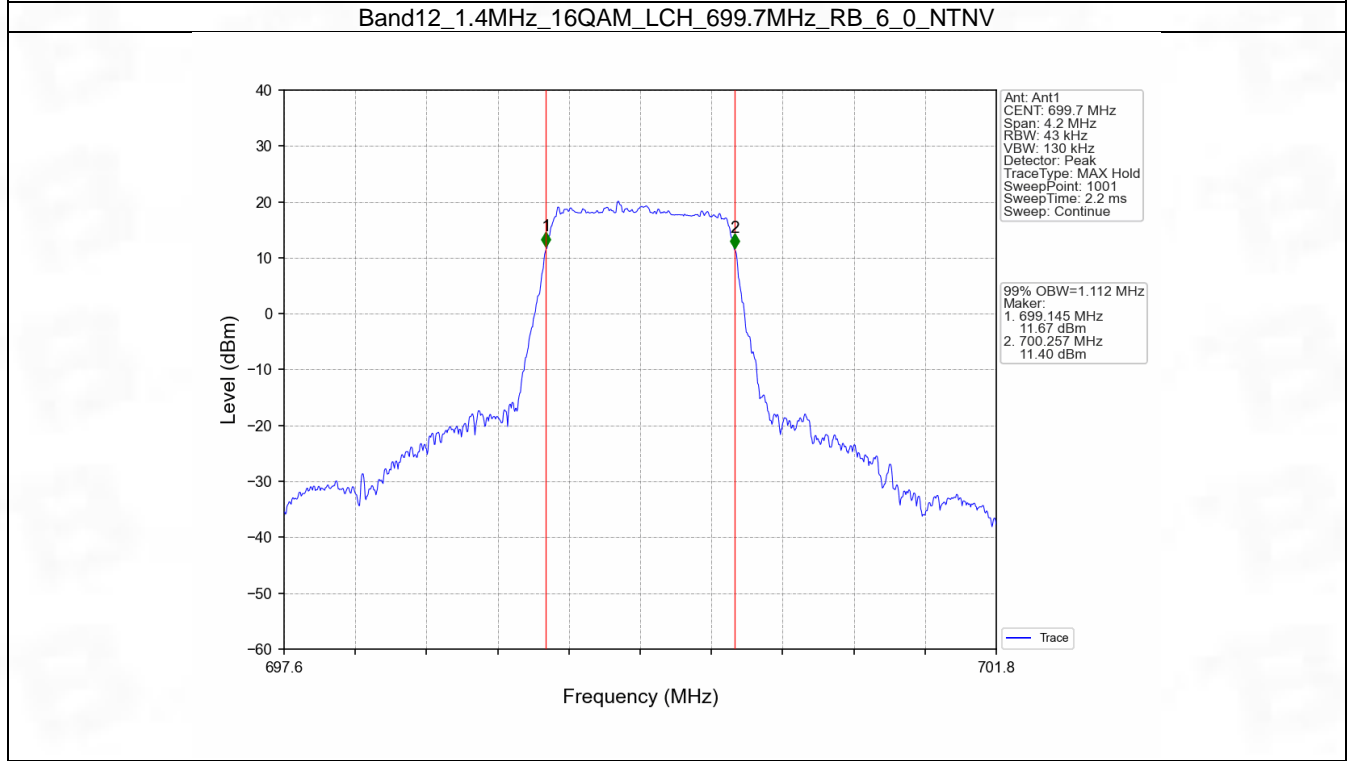
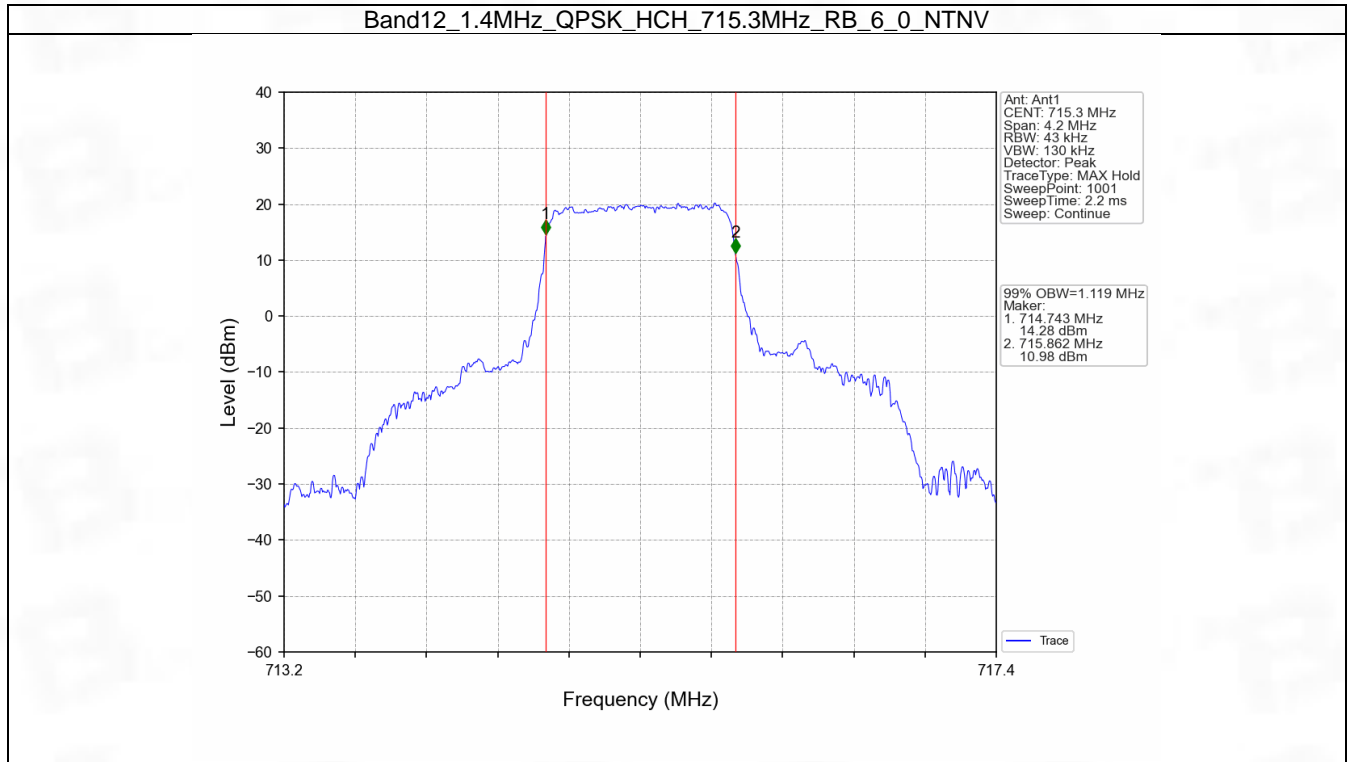
4.1 Band12_OBW

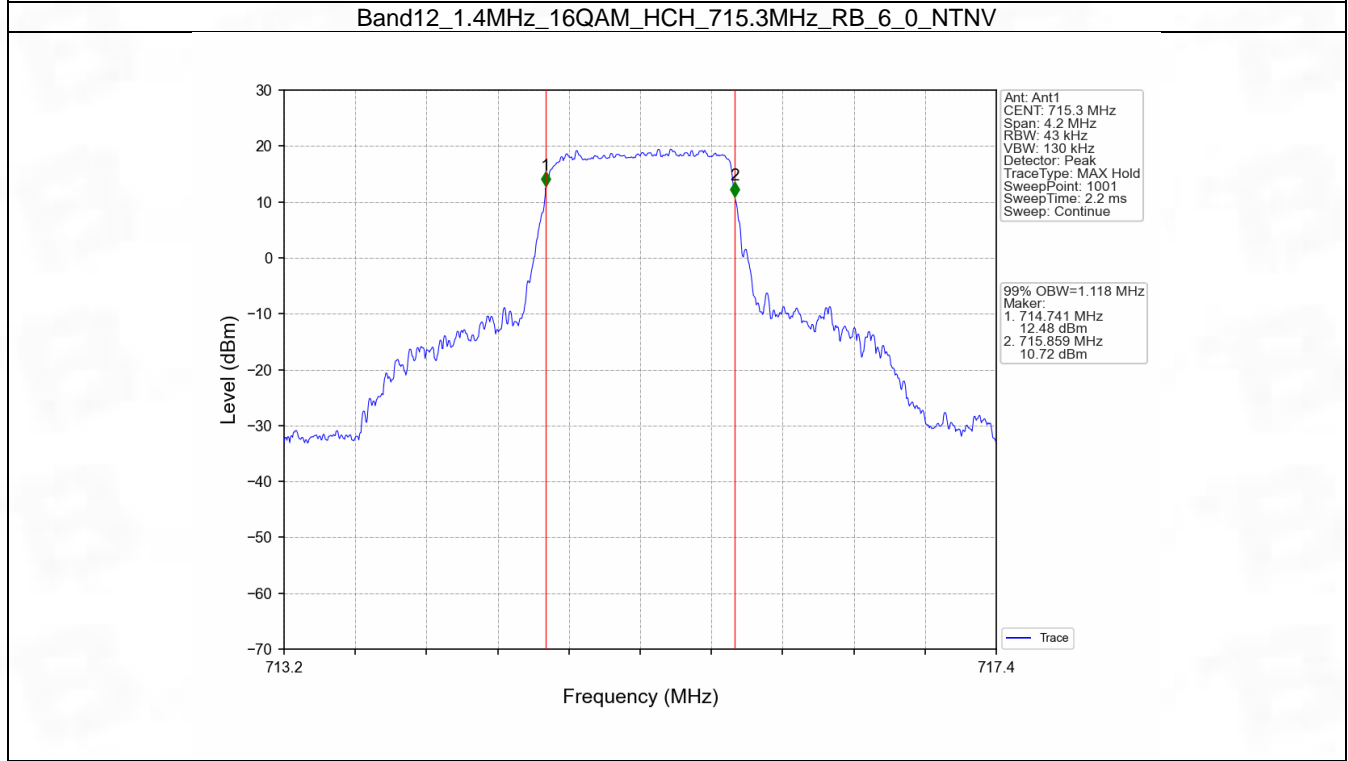
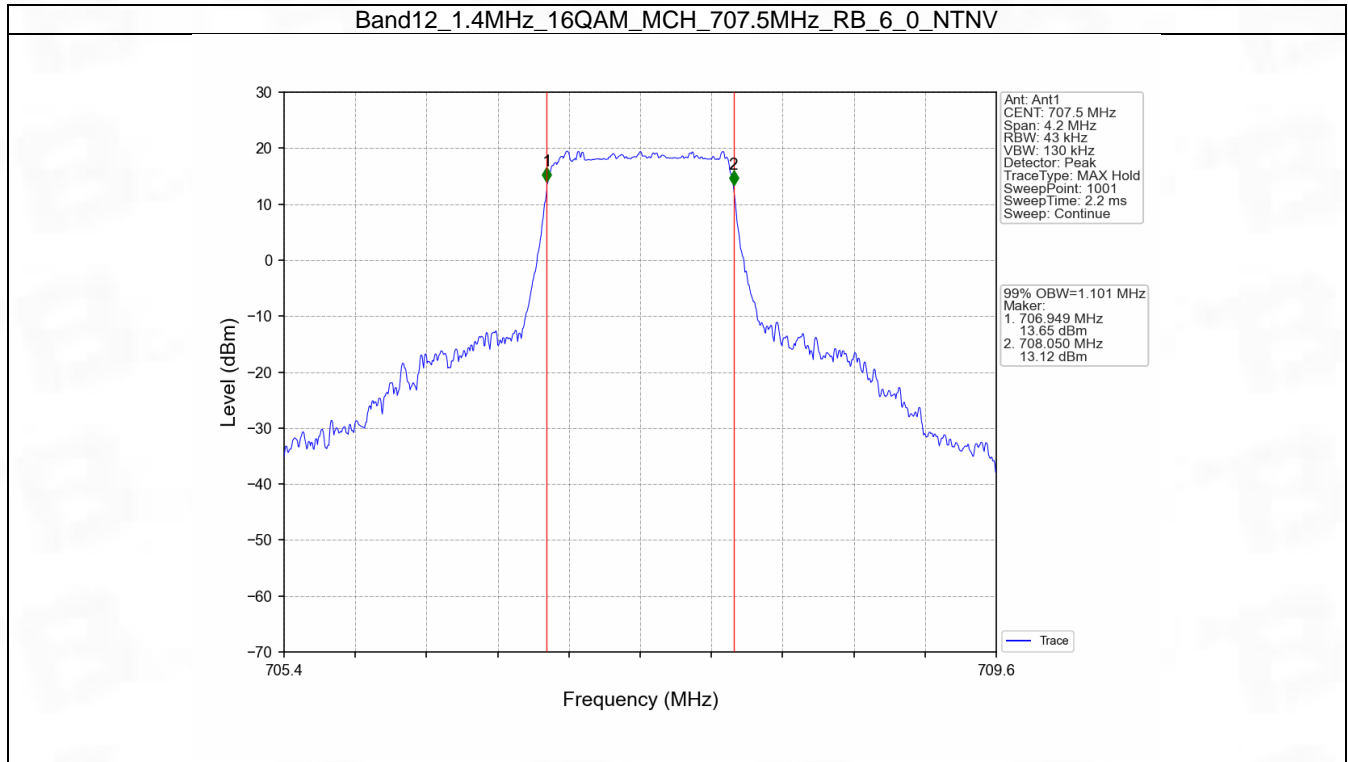
4.1.1 Test Result

Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.125	Pass
		707.5	6	0	1.100	Pass
		715.3	6	0	1.119	Pass
	16QAM	699.7	6	0	1.112	Pass
		707.5	6	0	1.101	Pass
		715.3	6	0	1.118	Pass
3	QPSK	700.5	15	0	2.733	Pass
		707.5	15	0	2.717	Pass
		714.5	15	0	2.736	Pass
	16QAM	700.5	15	0	2.734	Pass
		707.5	15	0	2.717	Pass
		714.5	15	0	2.723	Pass
5	QPSK	701.5	25	0	4.587	Pass
		707.5	25	0	4.530	Pass
		713.5	25	0	4.624	Pass
	16QAM	701.5	25	0	4.587	Pass
		707.5	25	0	4.570	Pass
		713.5	25	0	4.592	Pass
10	QPSK	704	50	0	9.092	Pass
		707.5	50	0	8.973	Pass
		711	50	0	9.109	Pass
	16QAM	704	50	0	9.101	Pass
		707.5	50	0	8.944	Pass
		711	50	0	9.108	Pass

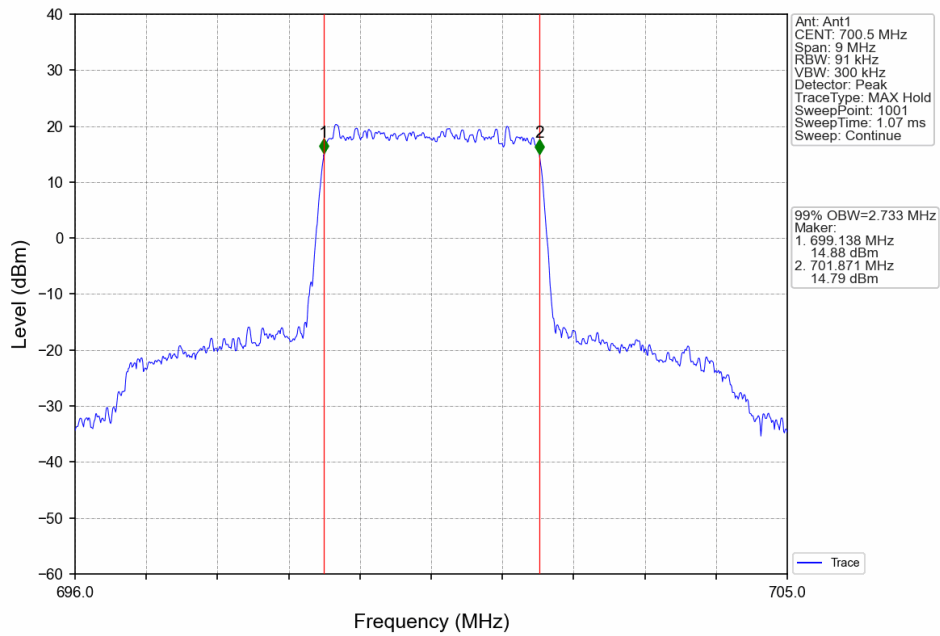
4.1.2 Test Graph



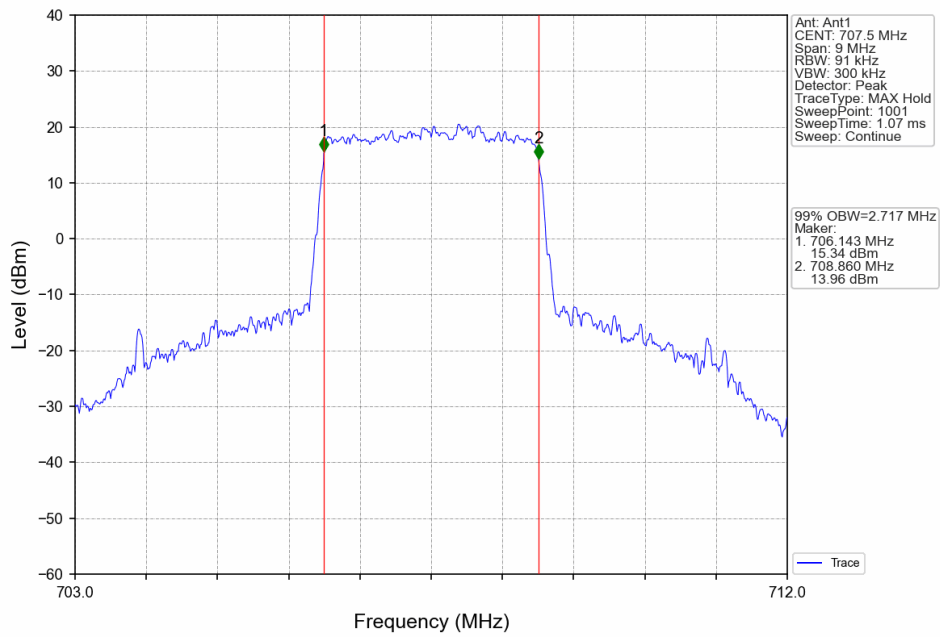


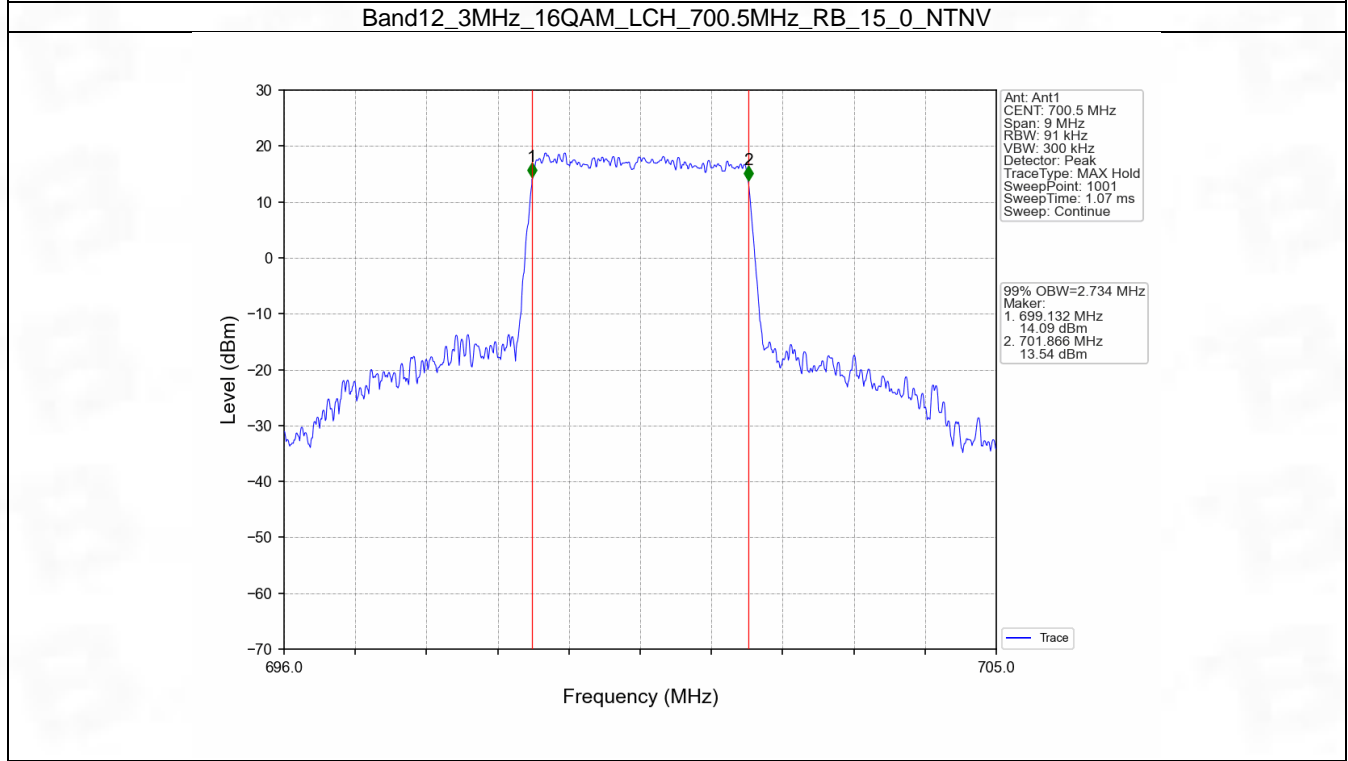
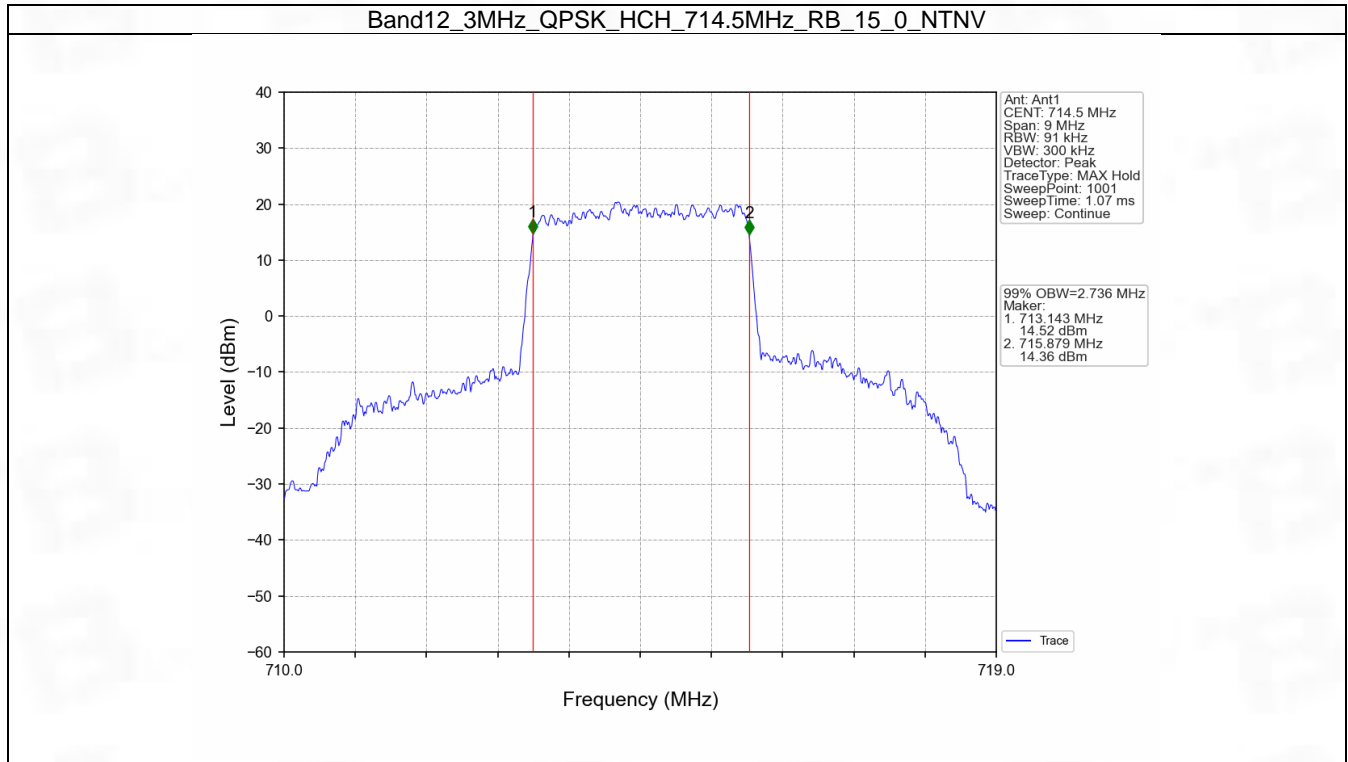


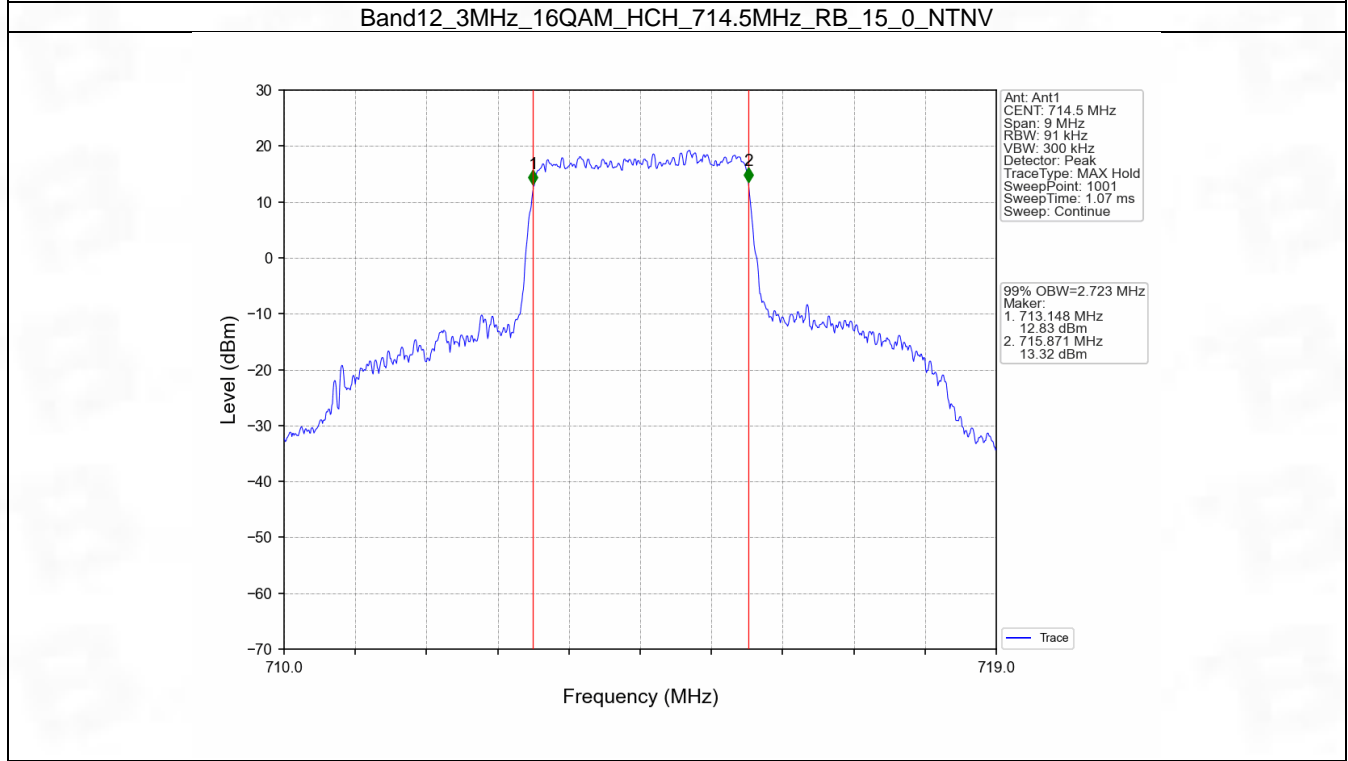
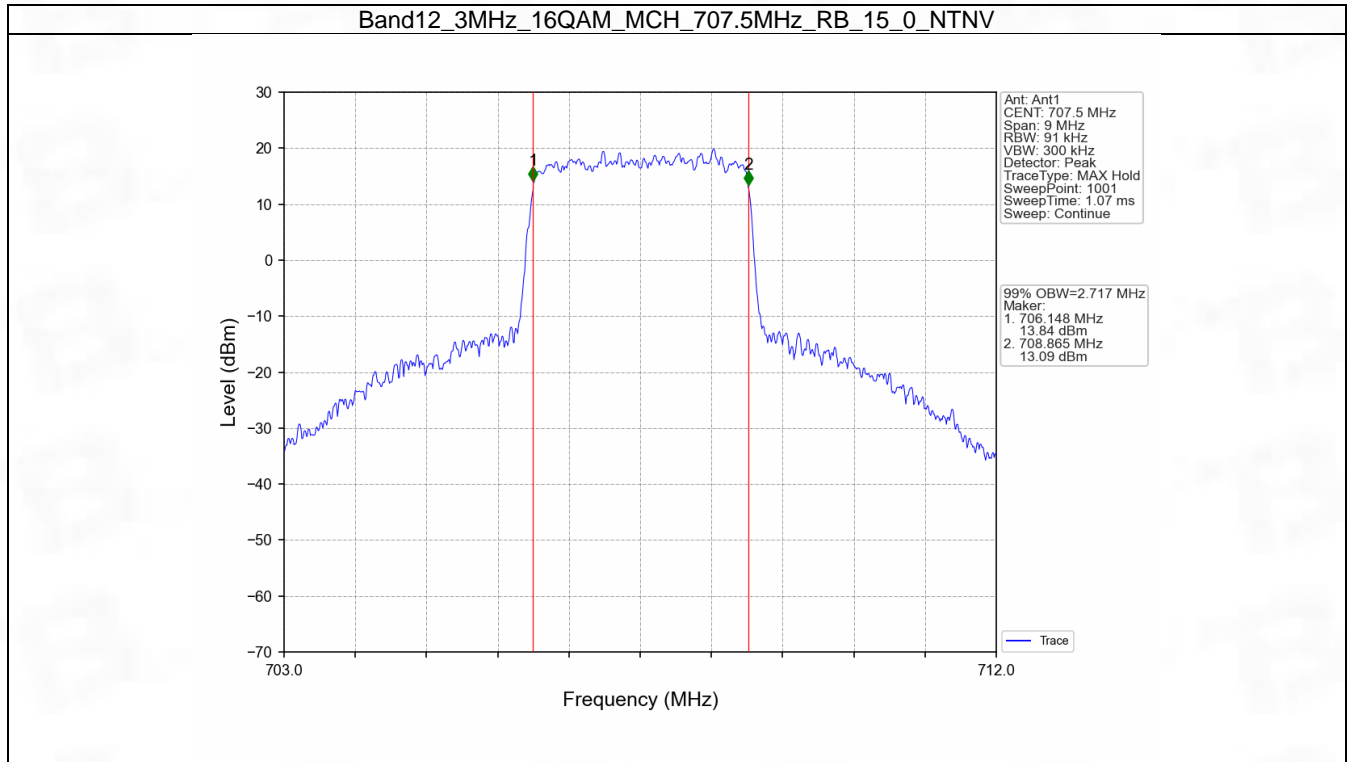
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



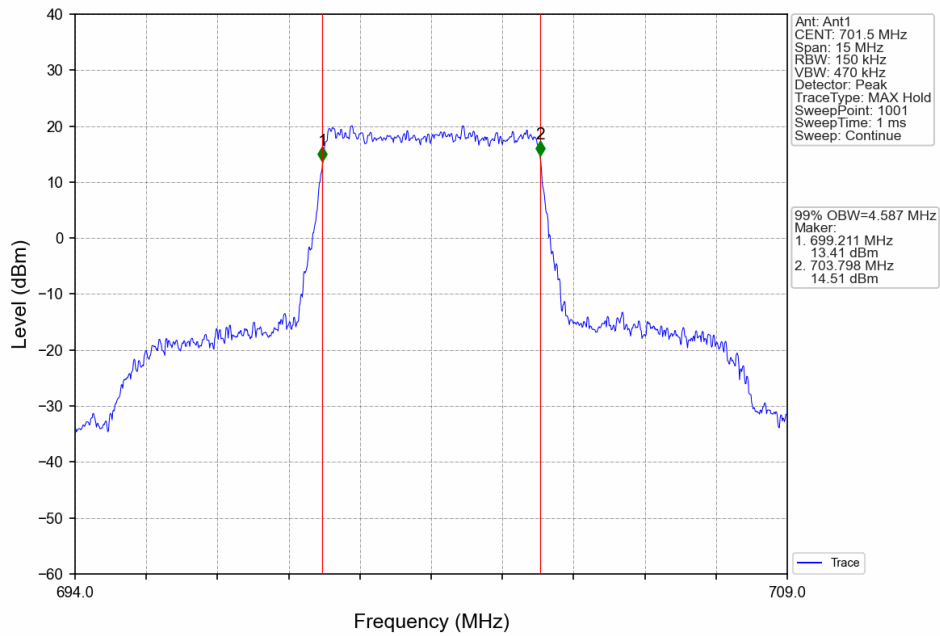
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



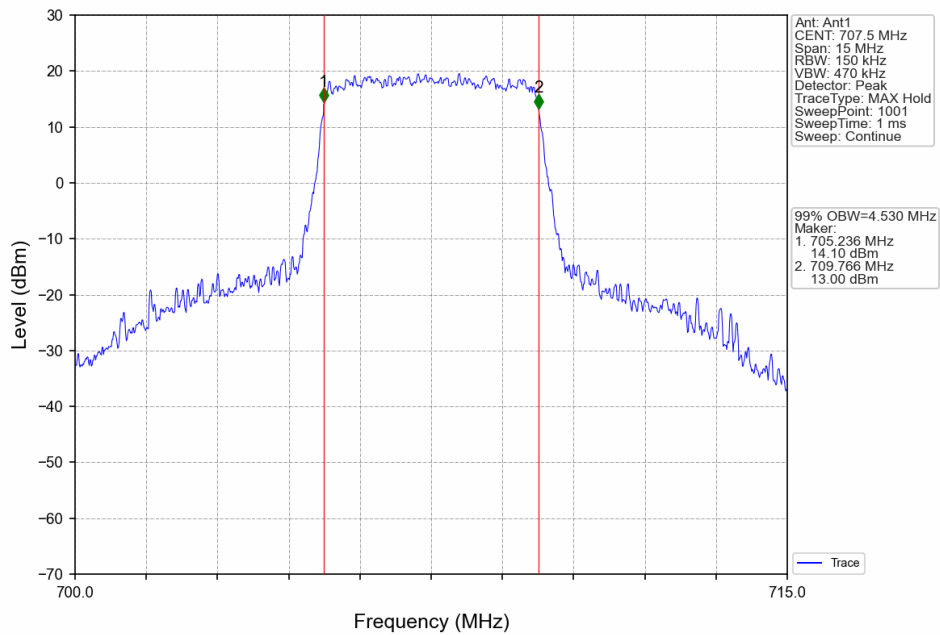




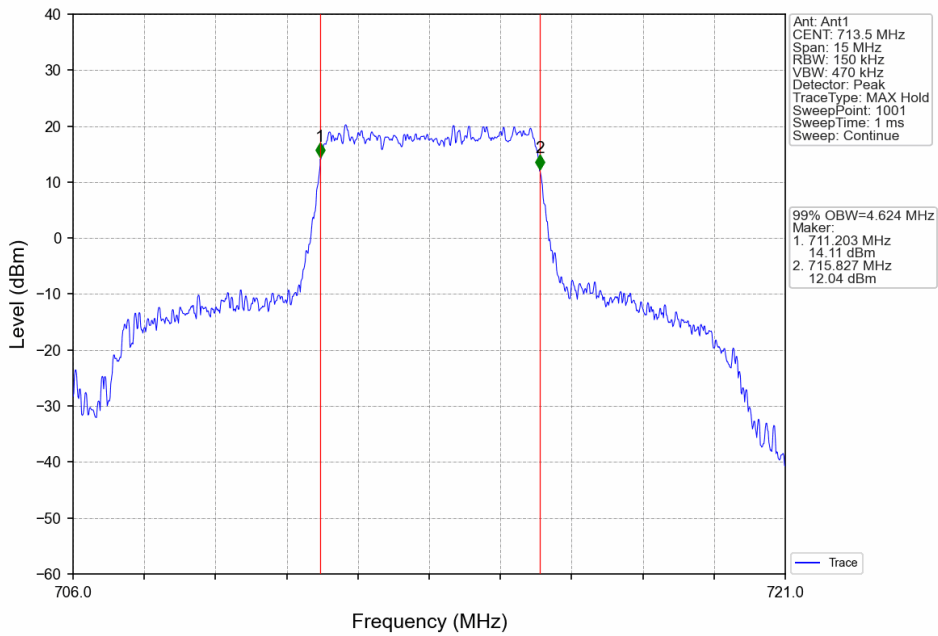
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



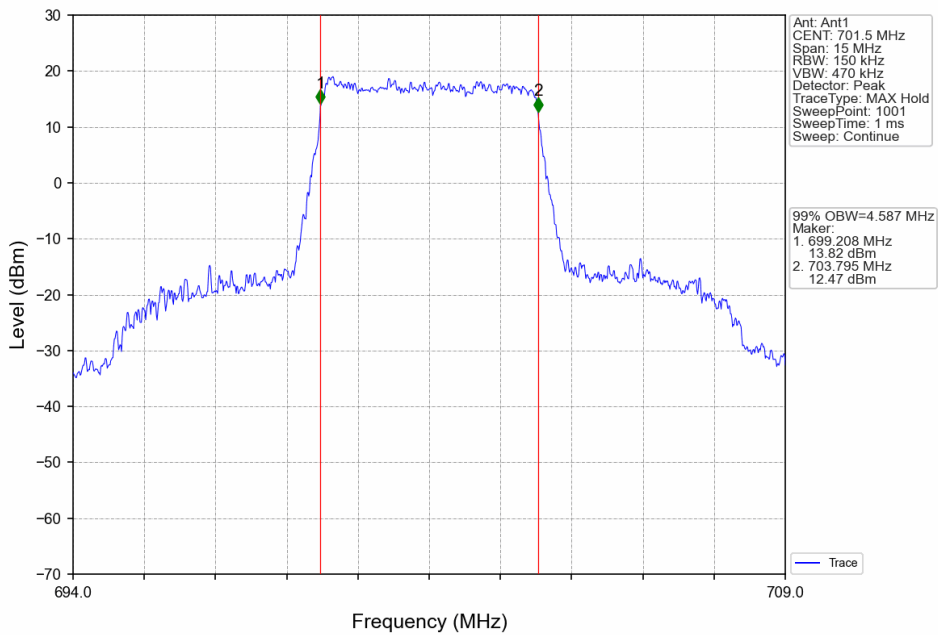
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV

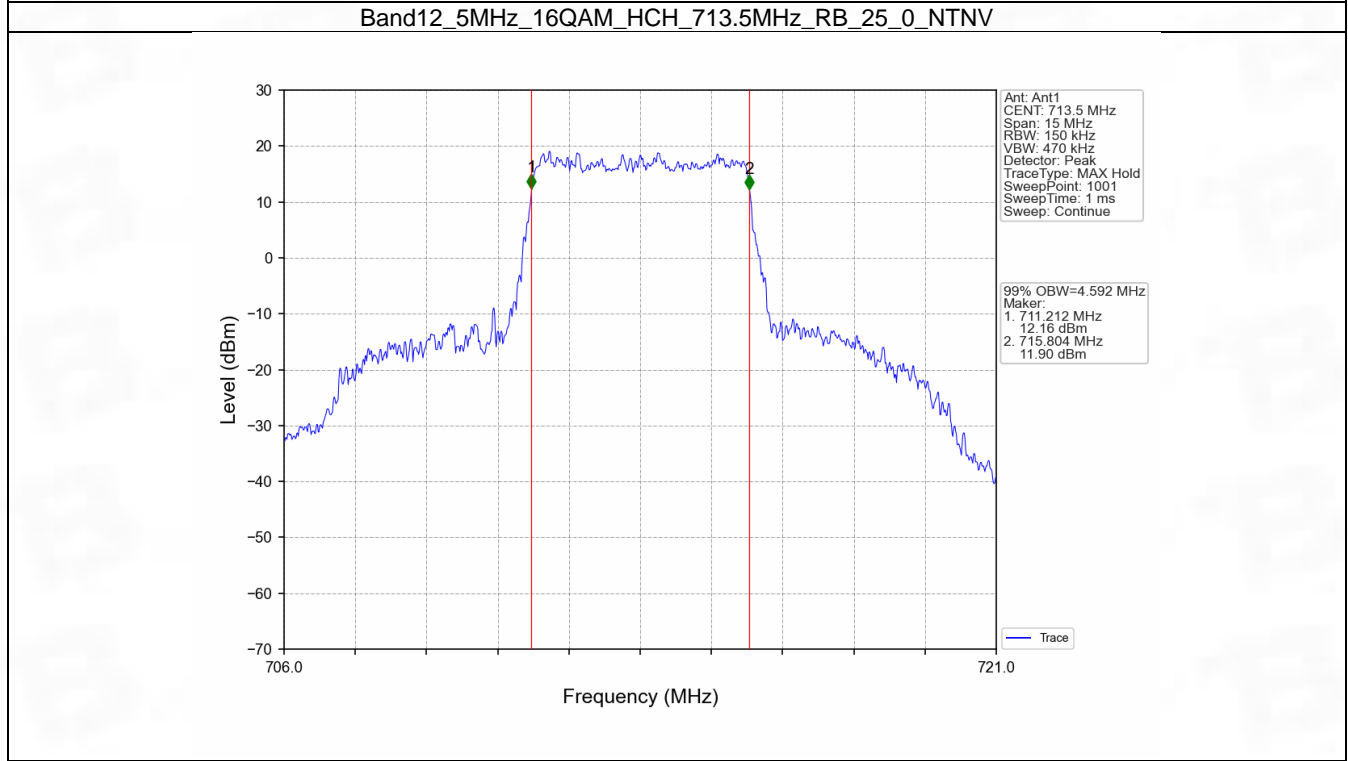
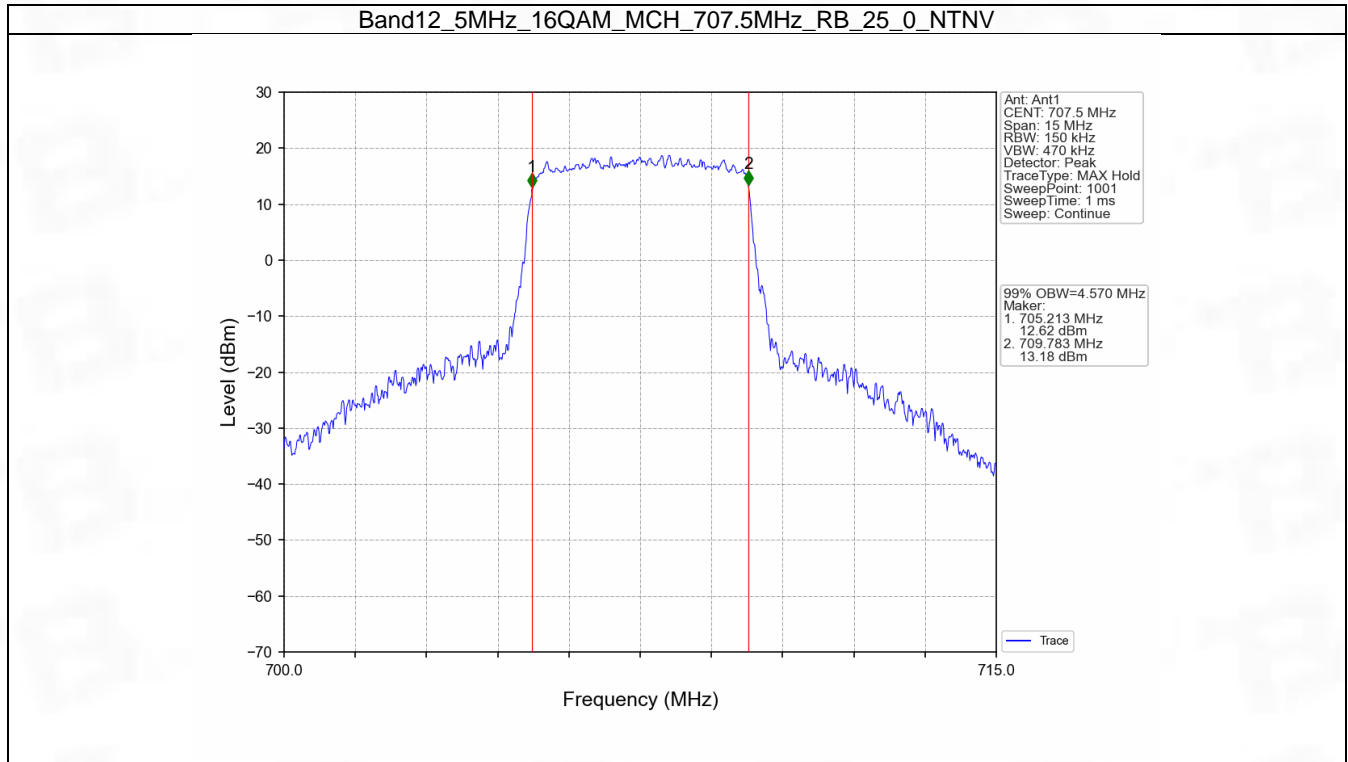


Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV

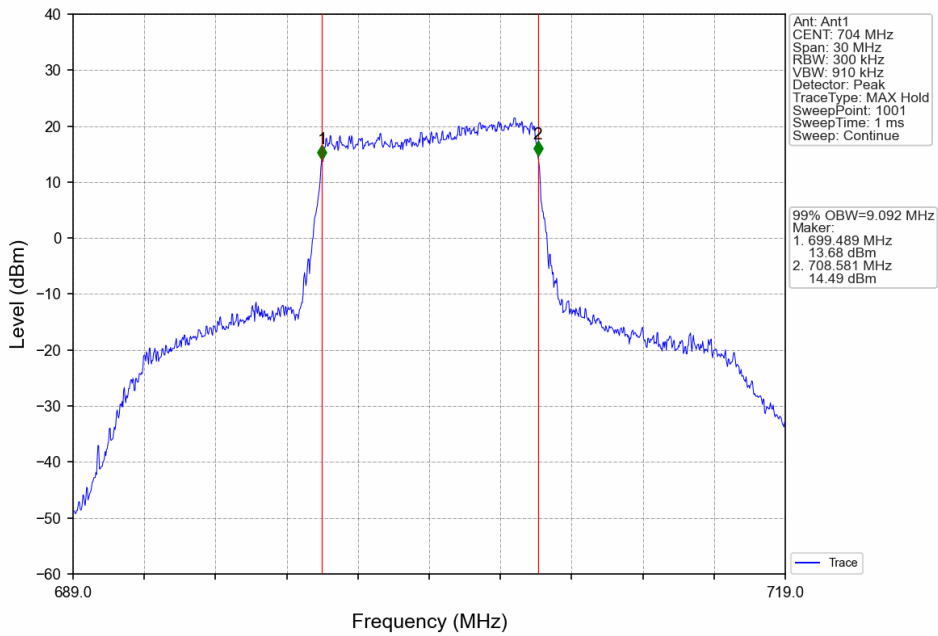


Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV

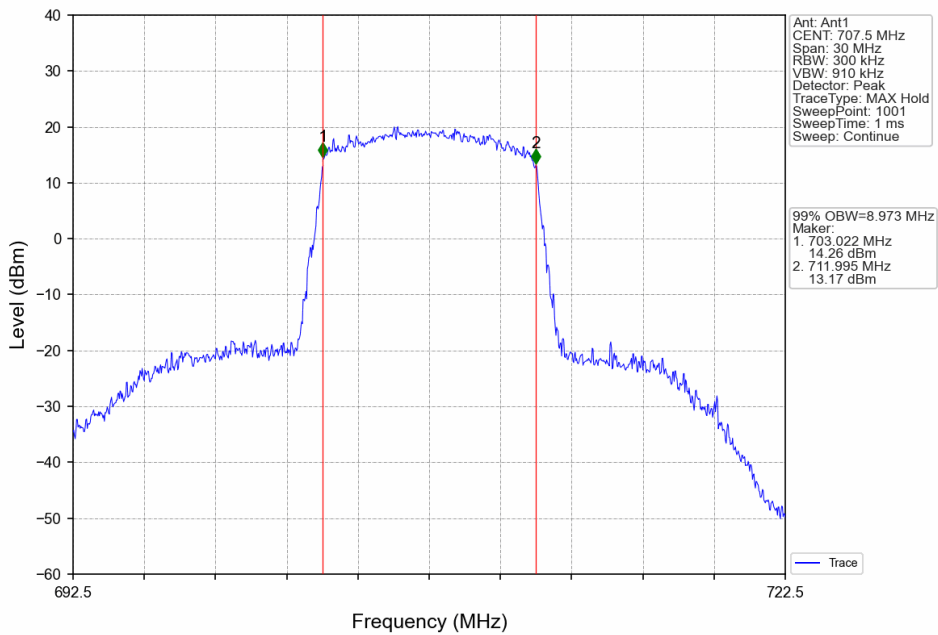




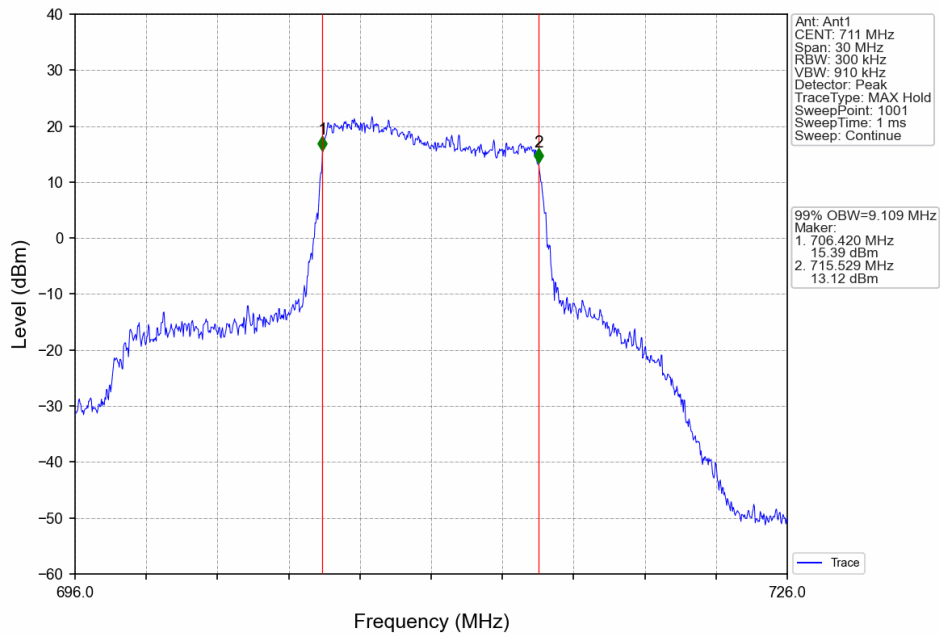
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



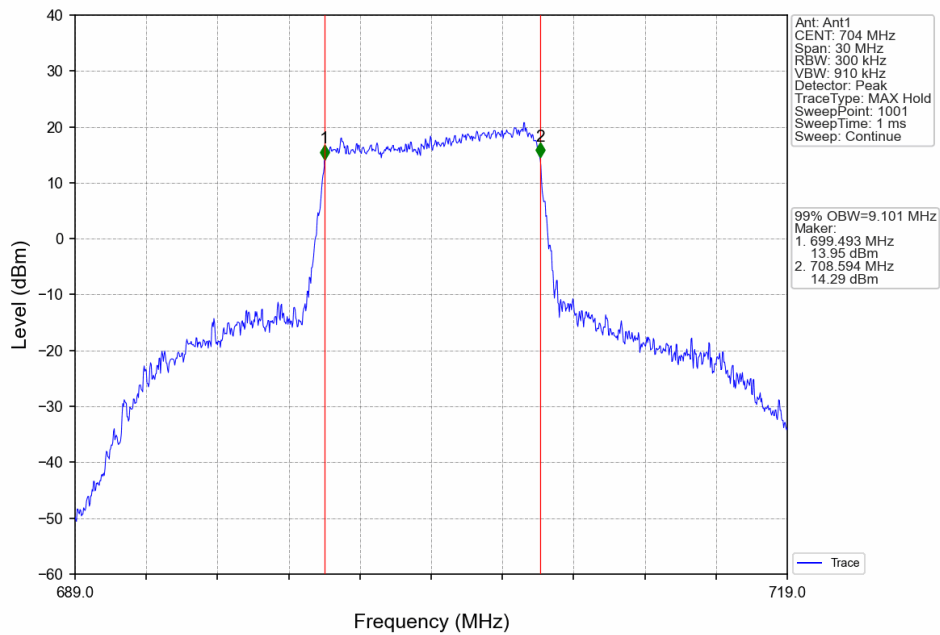
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV

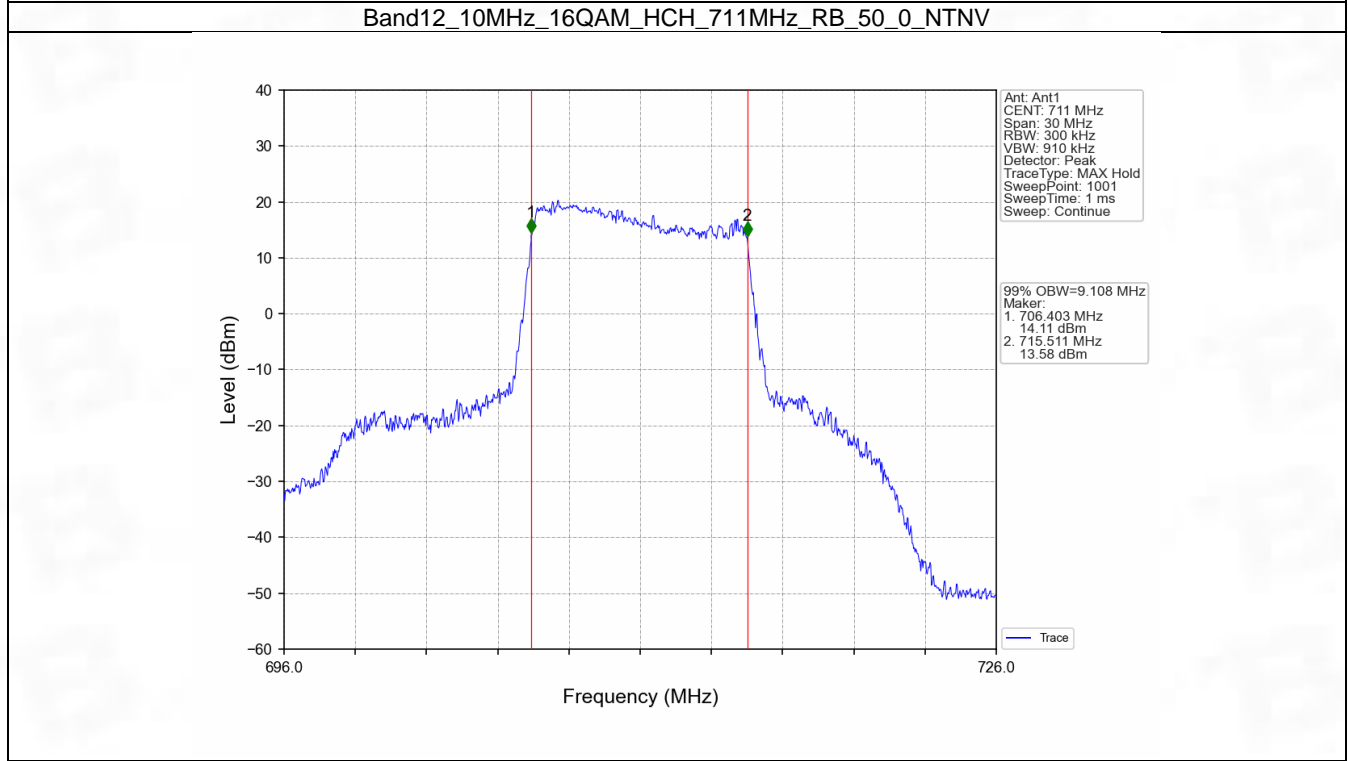
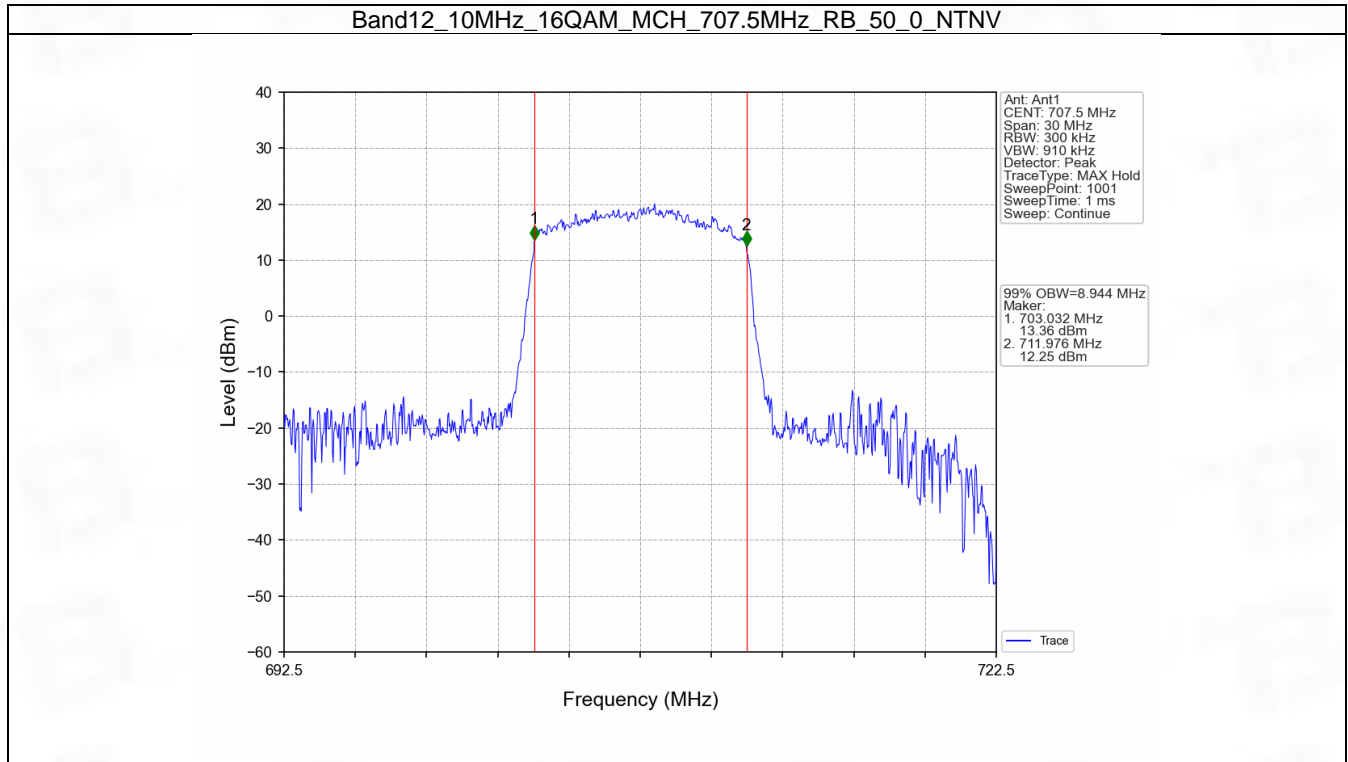


Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



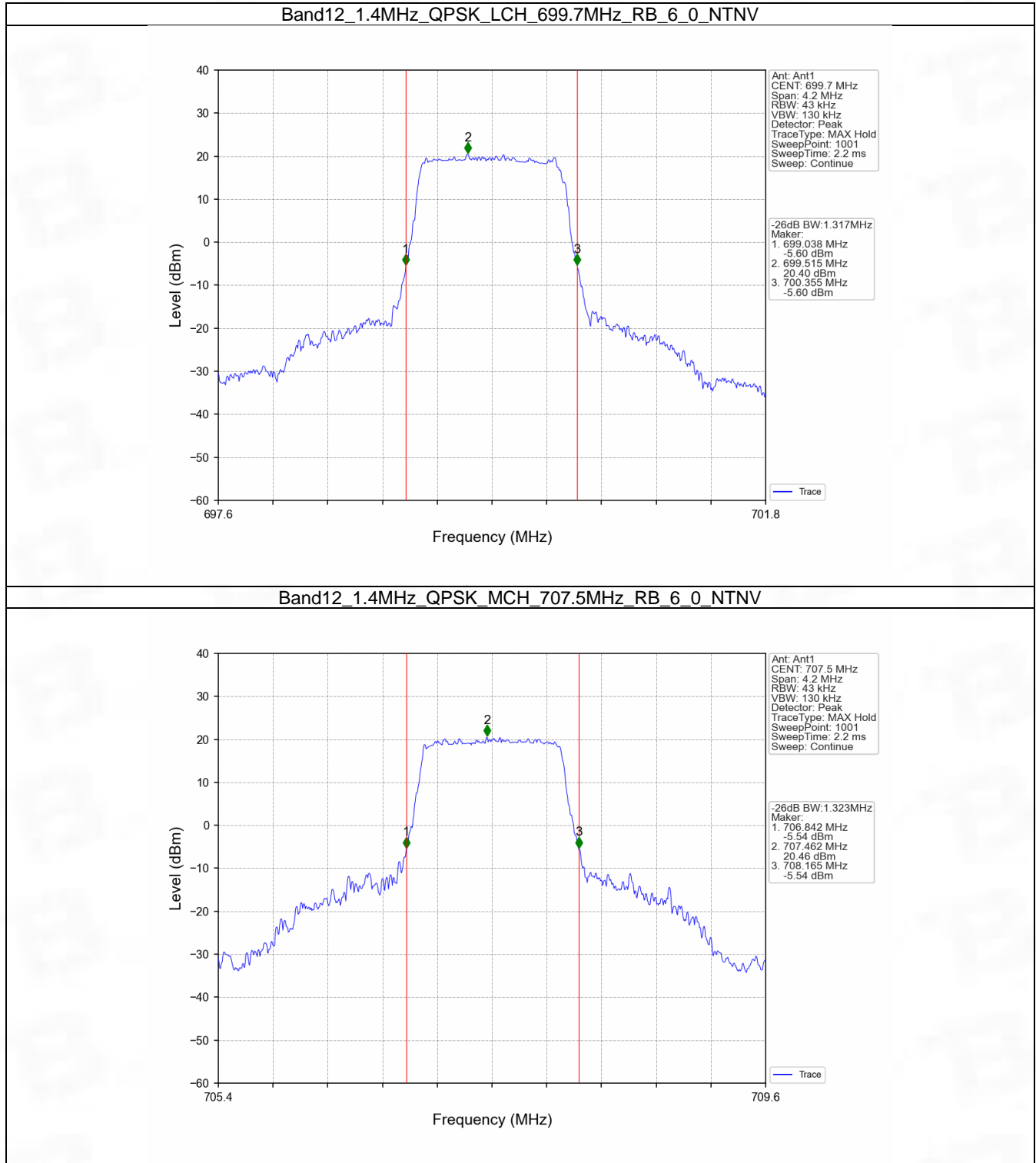


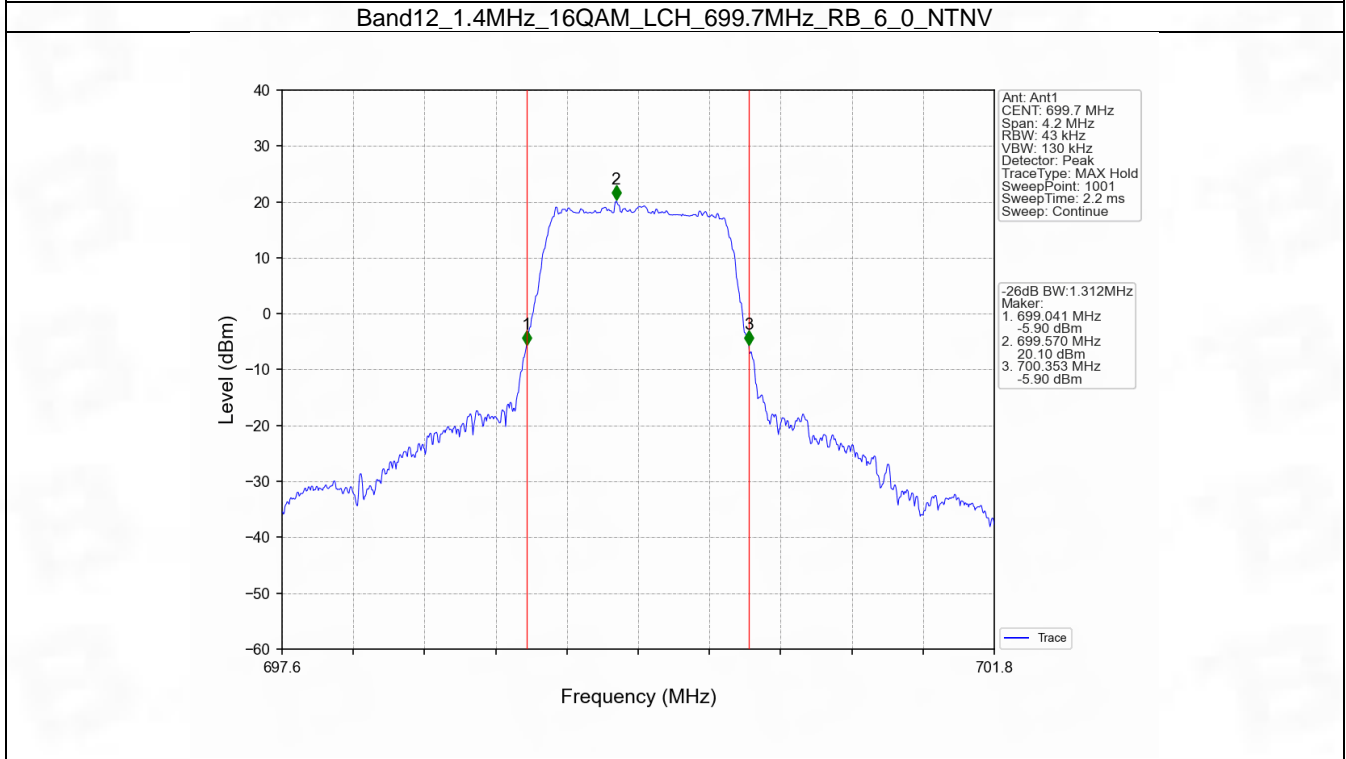
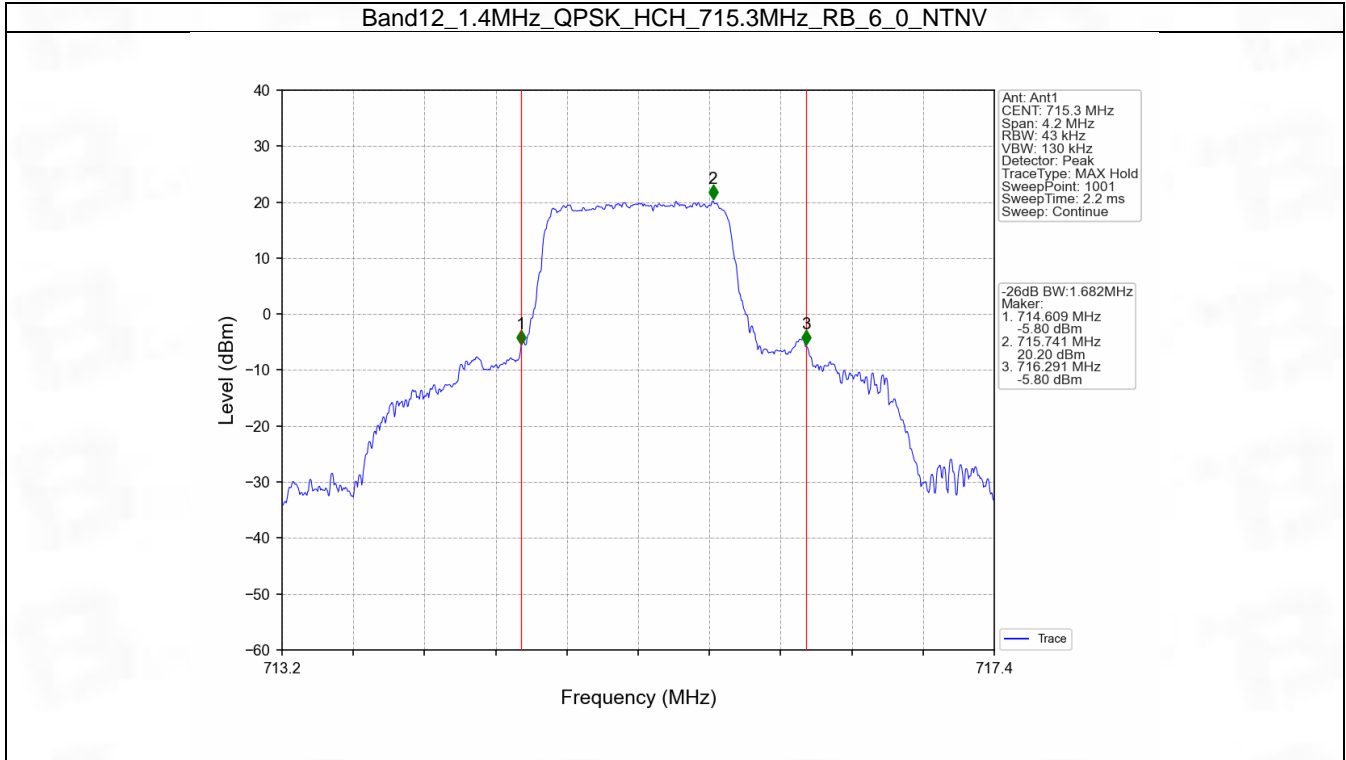
4.2 Band12_XDB

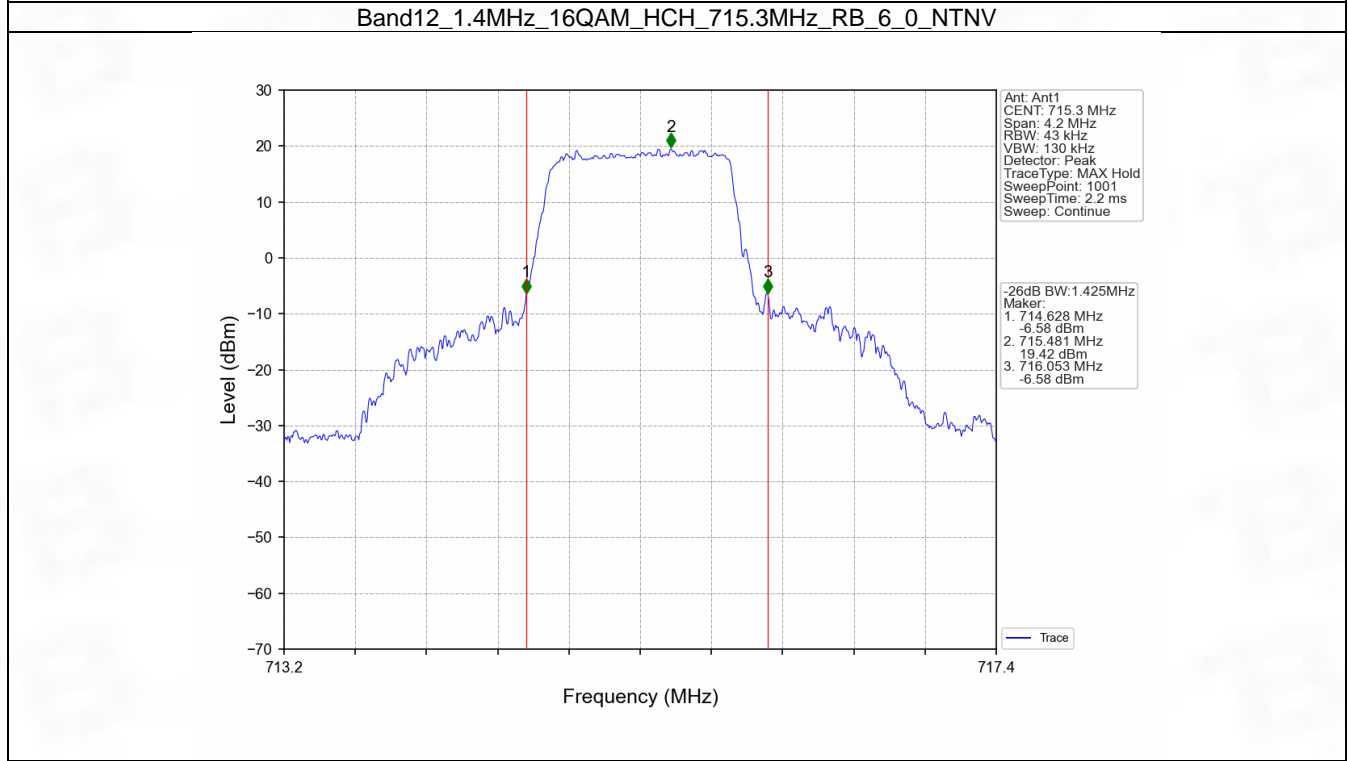
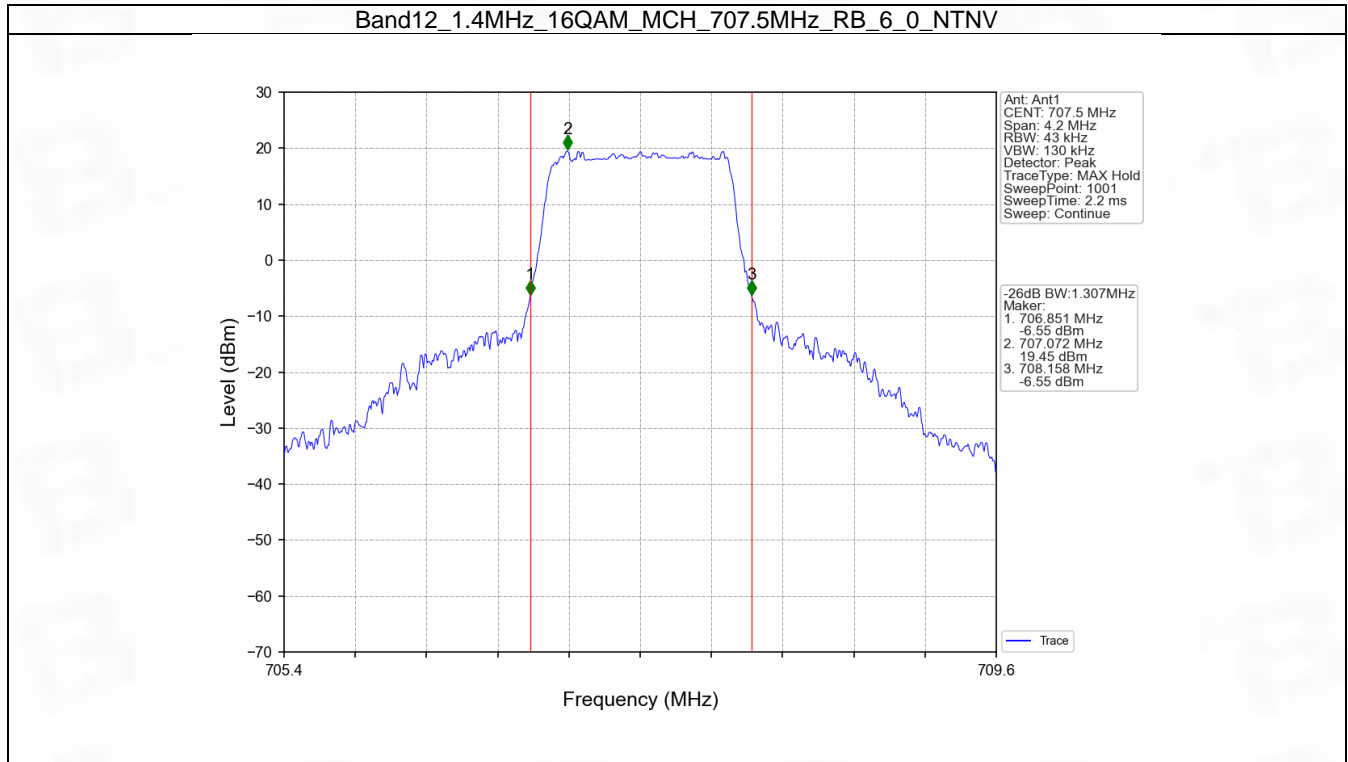
4.2.1 Test Result

Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.317	Pass
		707.5	6	0	1.323	Pass
		715.3	6	0	1.682	Pass
	16QAM	699.7	6	0	1.312	Pass
		707.5	6	0	1.307	Pass
		715.3	6	0	1.425	Pass
3	QPSK	700.5	15	0	2.980	Pass
		707.5	15	0	3.013	Pass
		714.5	15	0	3.019	Pass
	16QAM	700.5	15	0	2.990	Pass
		707.5	15	0	2.968	Pass
		714.5	15	0	3.013	Pass
5	QPSK	701.5	25	0	5.302	Pass
		707.5	25	0	5.167	Pass
		713.5	25	0	5.342	Pass
	16QAM	701.5	25	0	5.312	Pass
		707.5	25	0	5.240	Pass
		713.5	25	0	5.262	Pass
10	QPSK	704	50	0	10.242	Pass
		707.5	50	0	10.193	Pass
		711	50	0	10.200	Pass
	16QAM	704	50	0	10.139	Pass
		707.5	50	0	10.004	Pass
		711	50	0	10.104	Pass

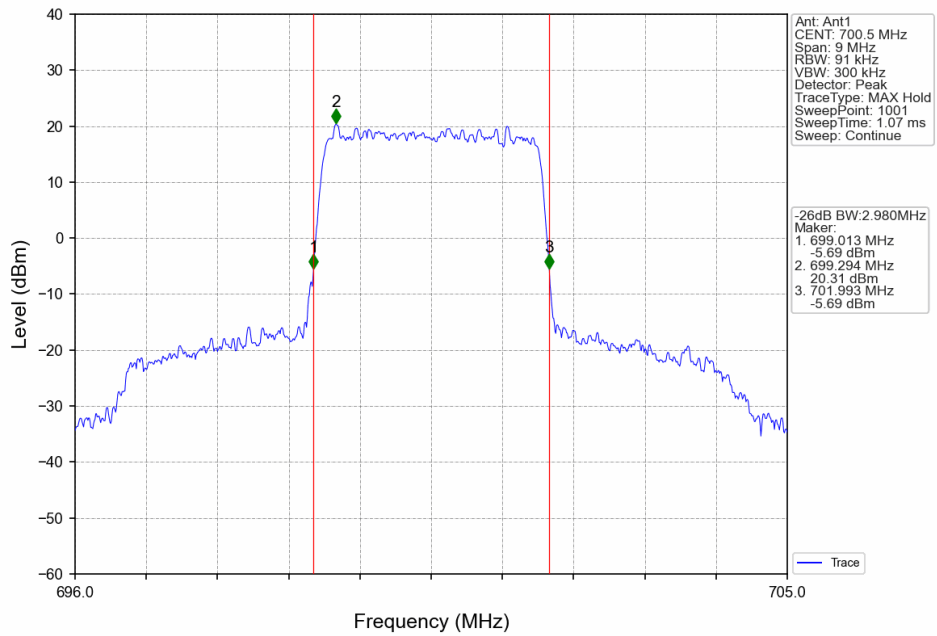
4.2.2 Test Graph



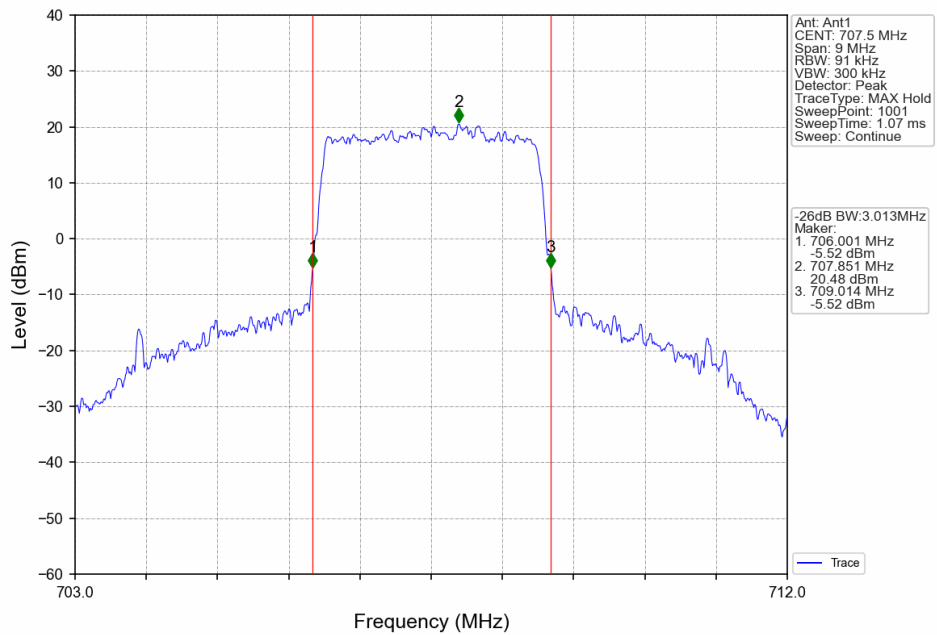




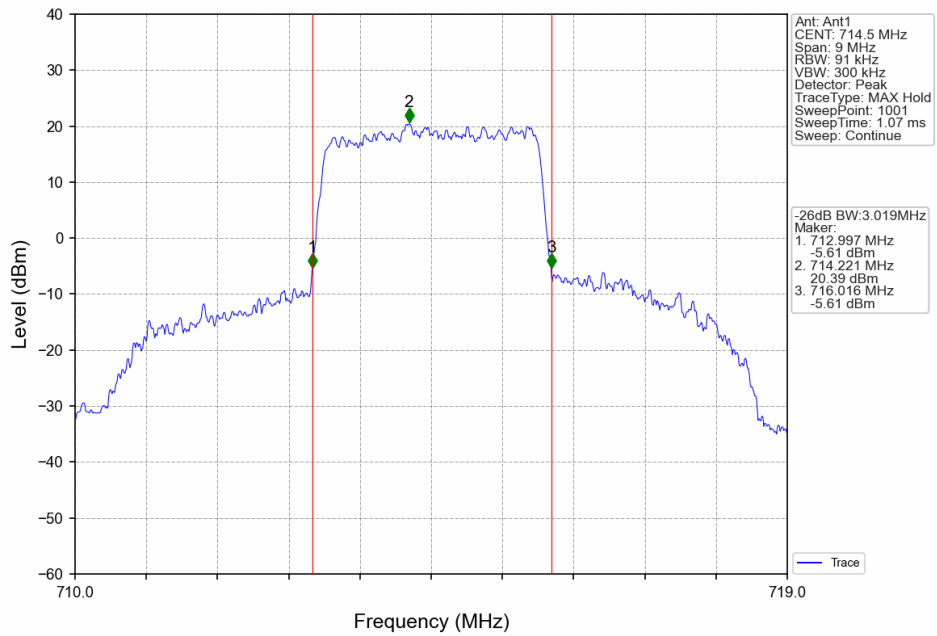
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



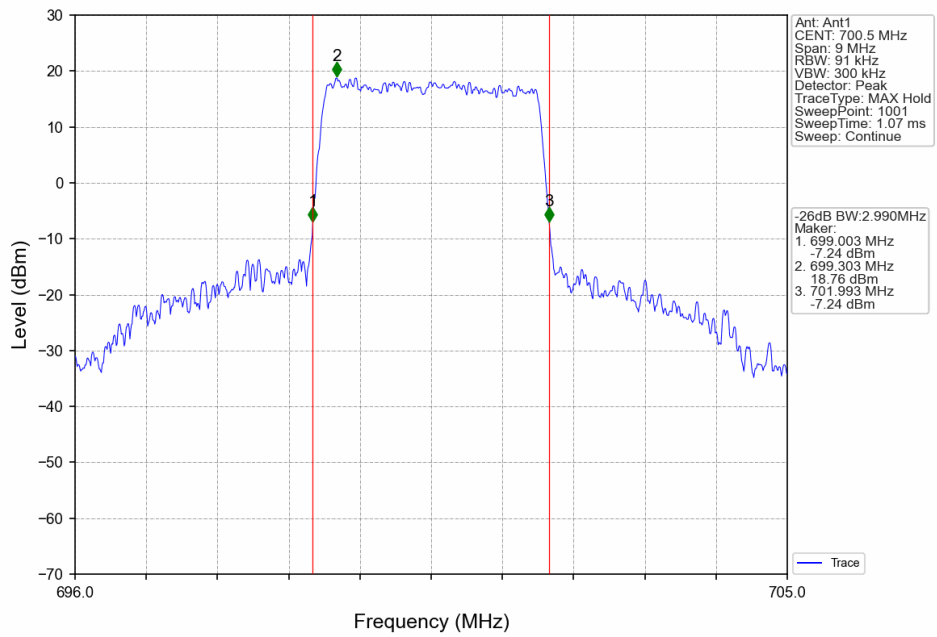
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV

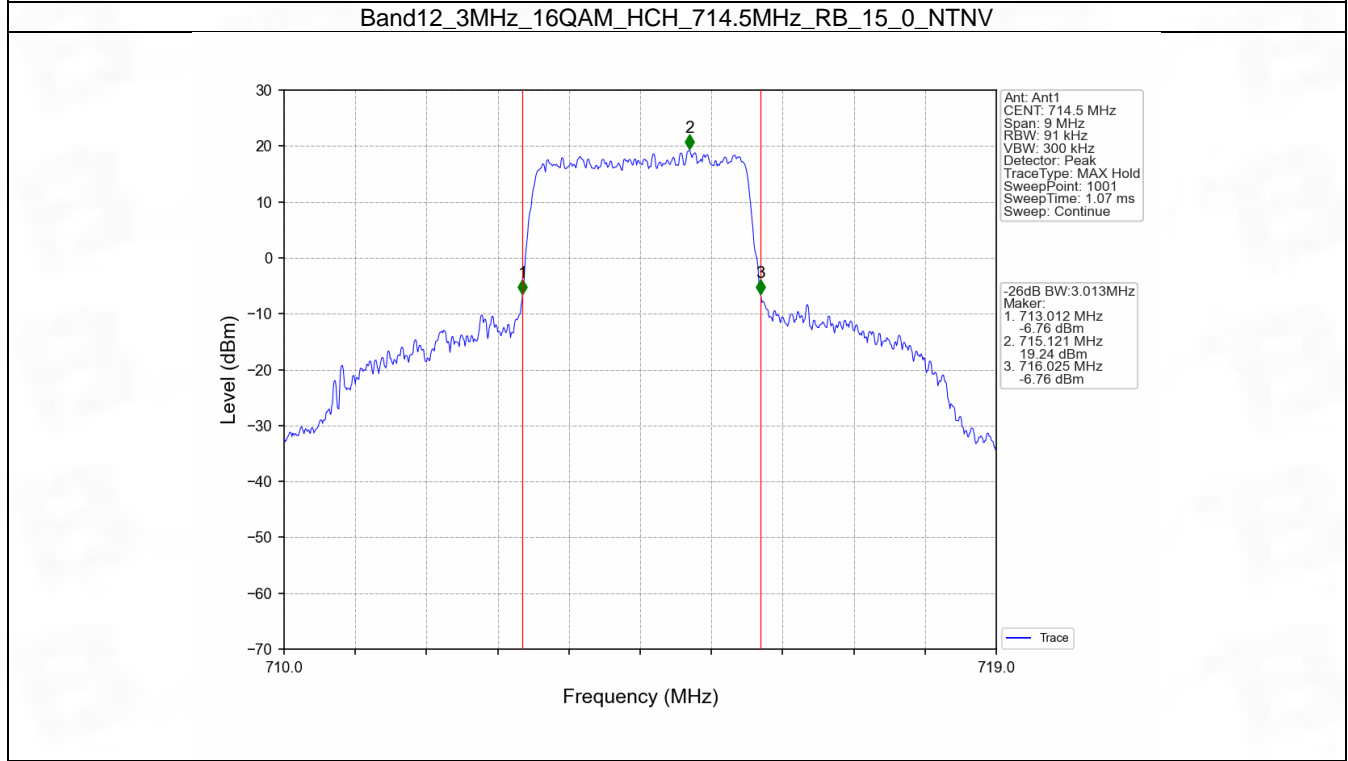
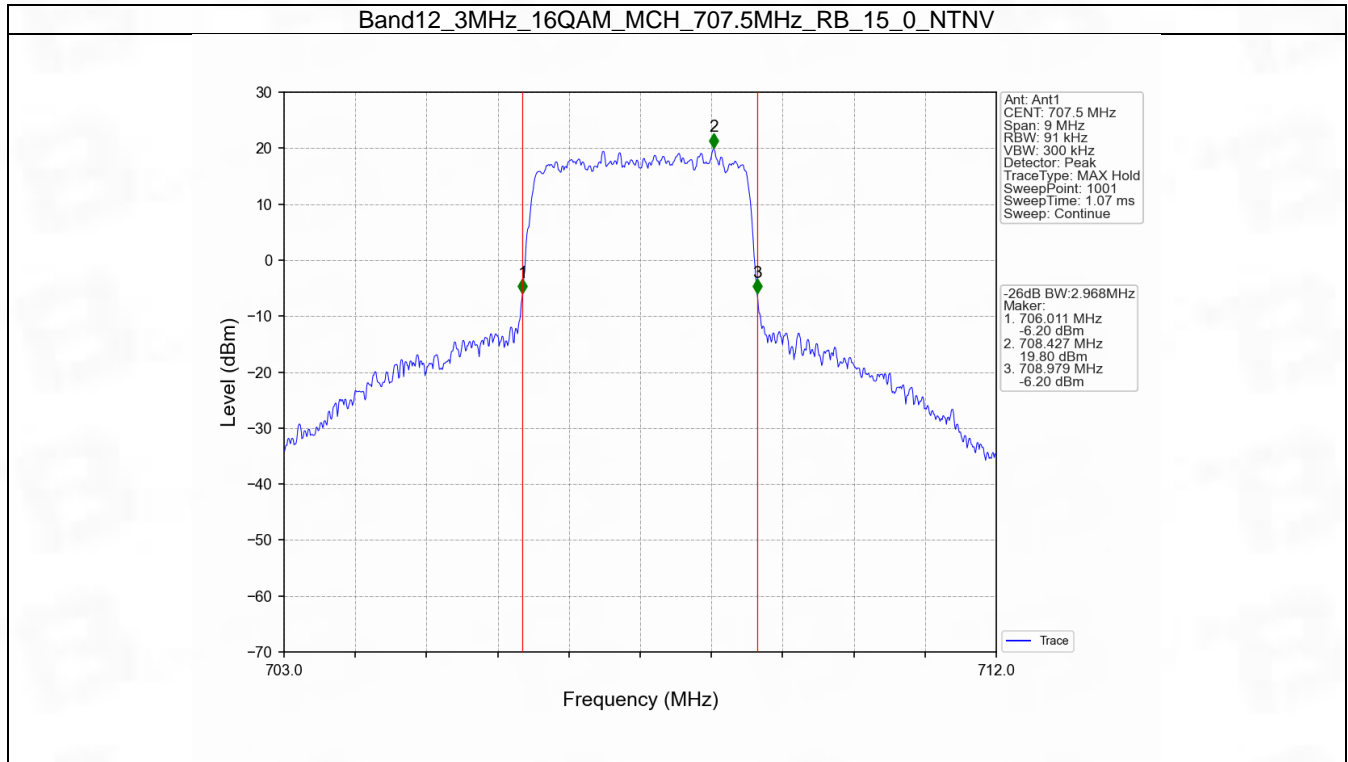


Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV

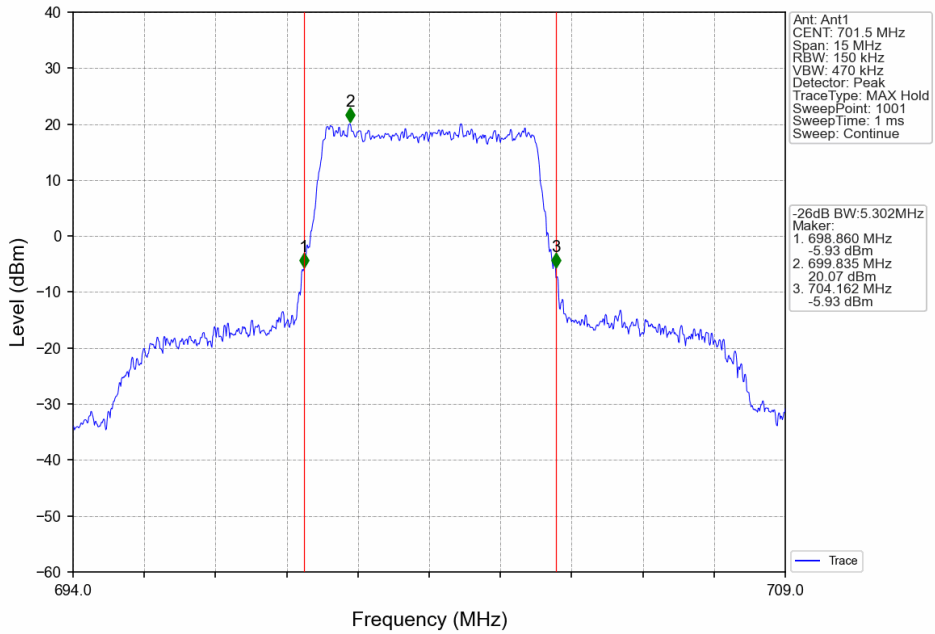


Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV

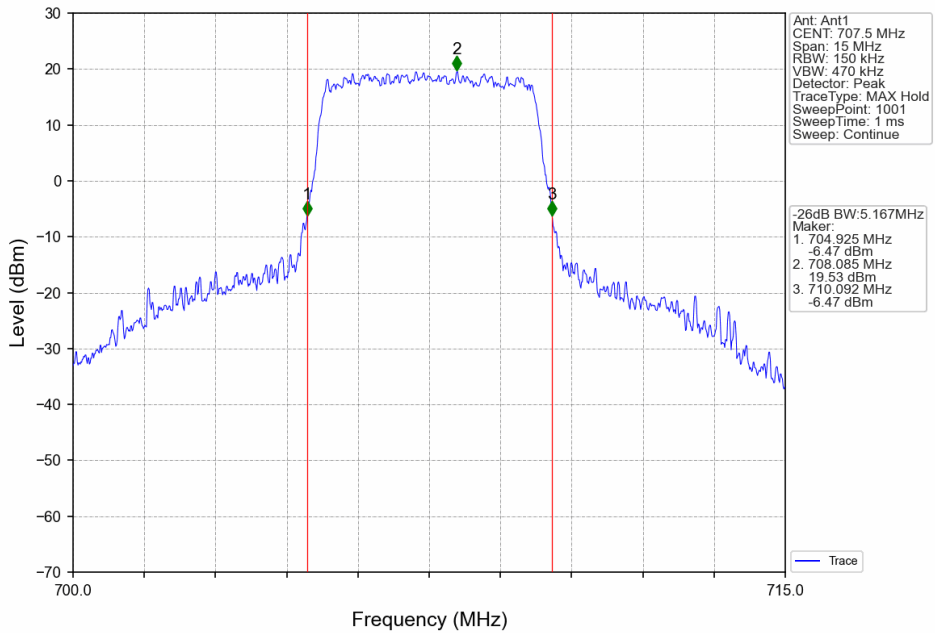




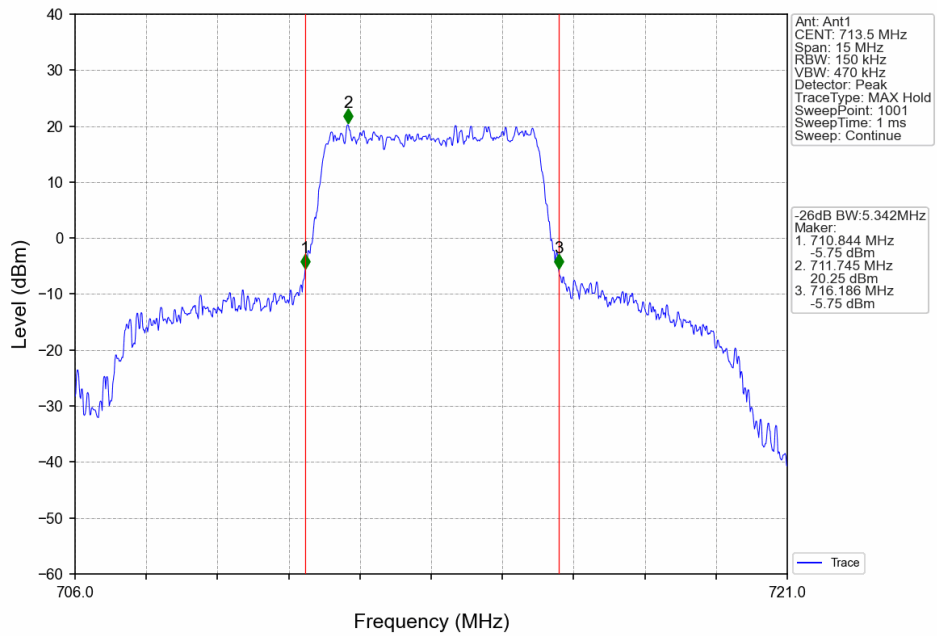
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



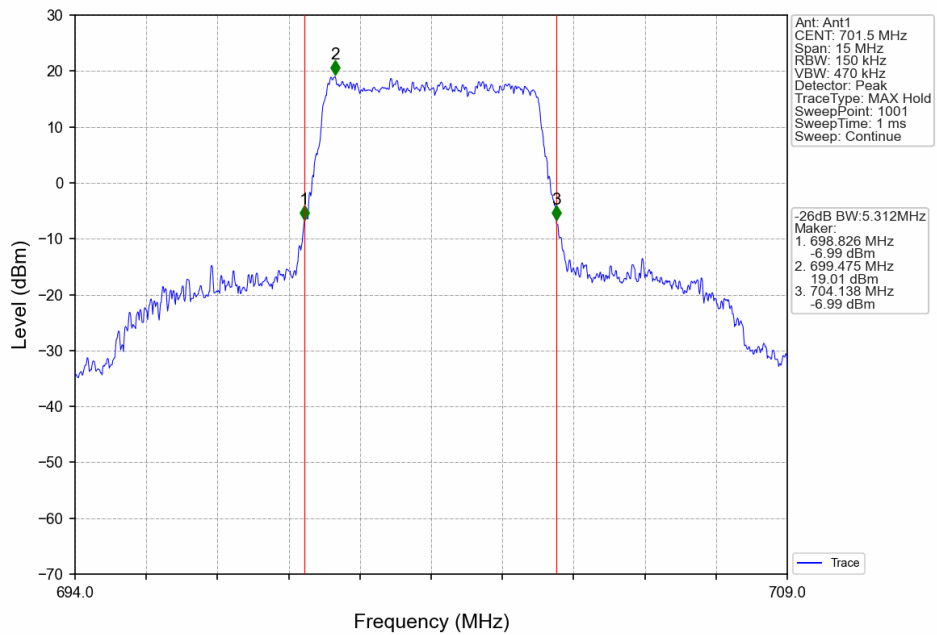
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV

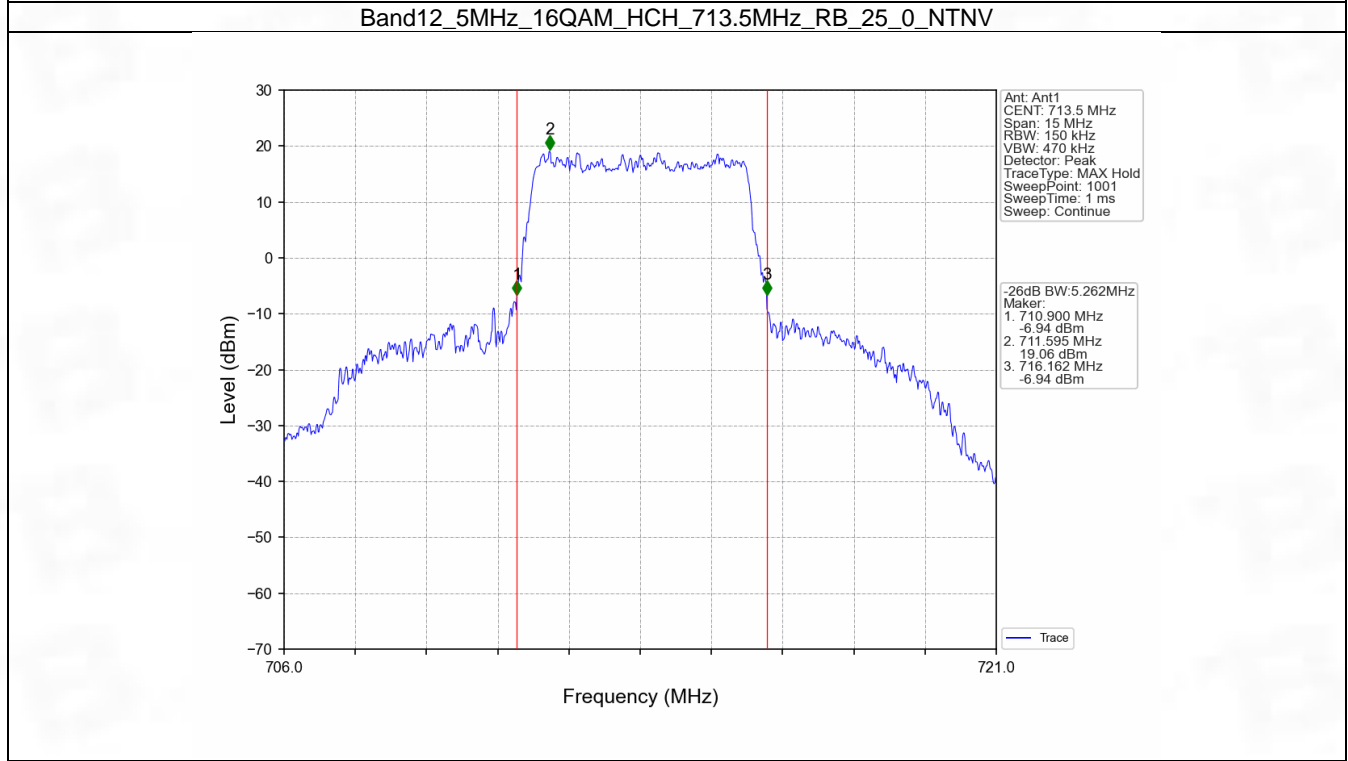
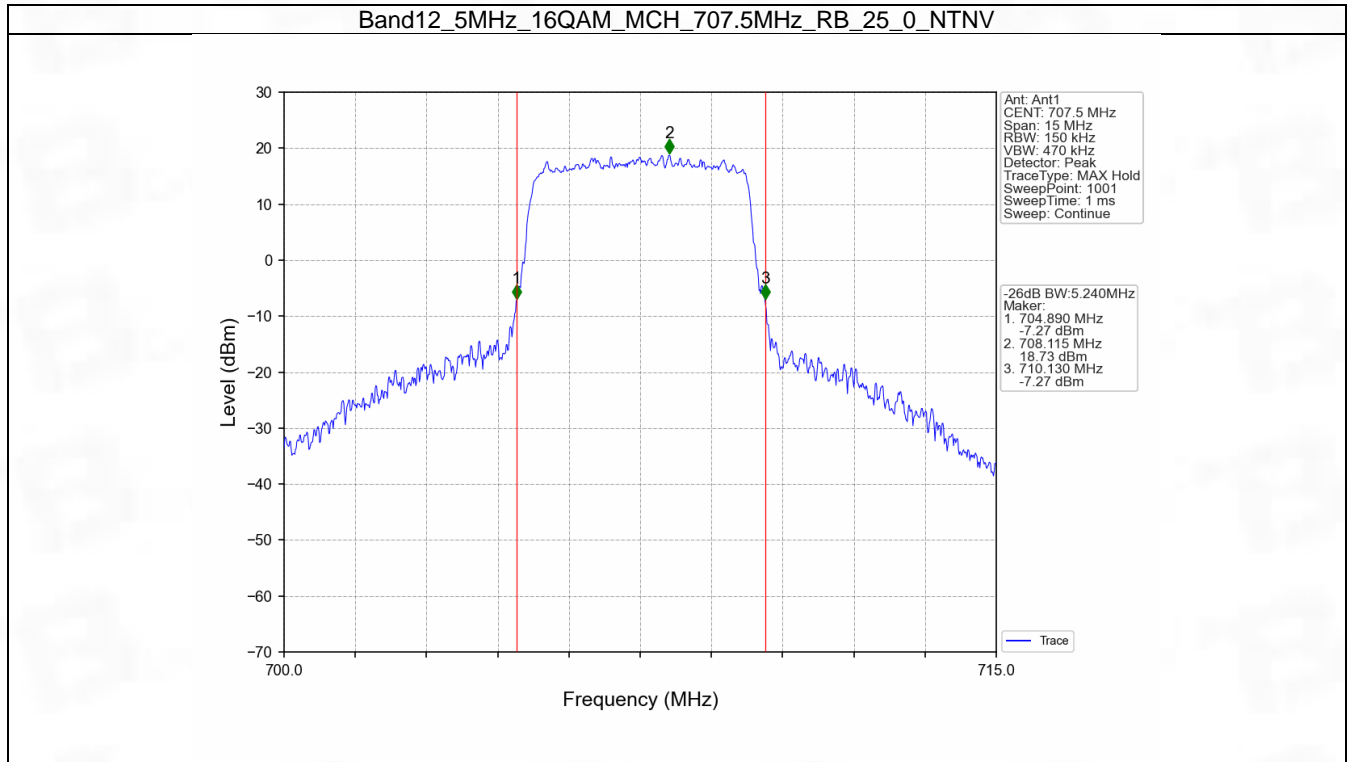


Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV

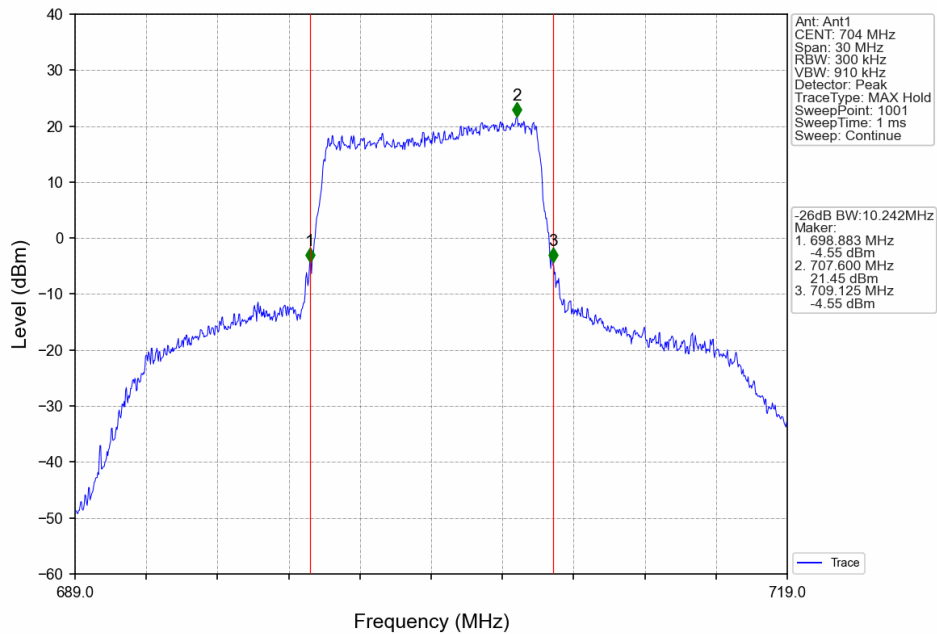


Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV

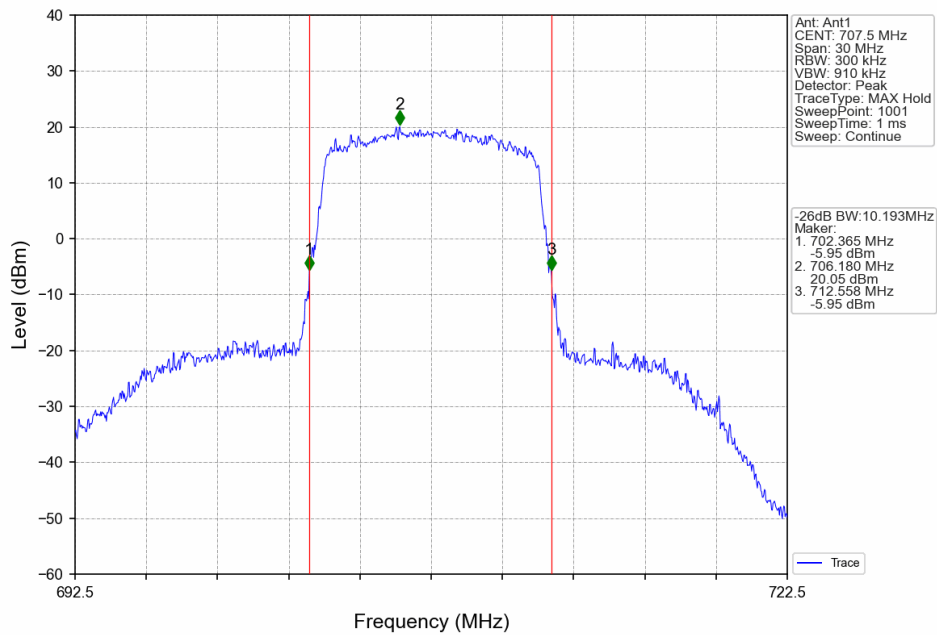




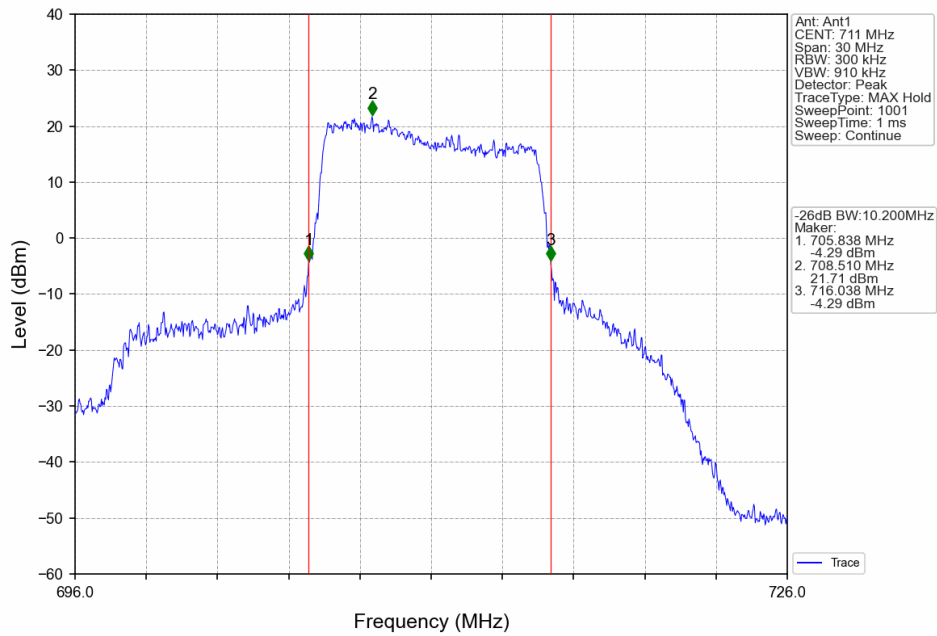
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



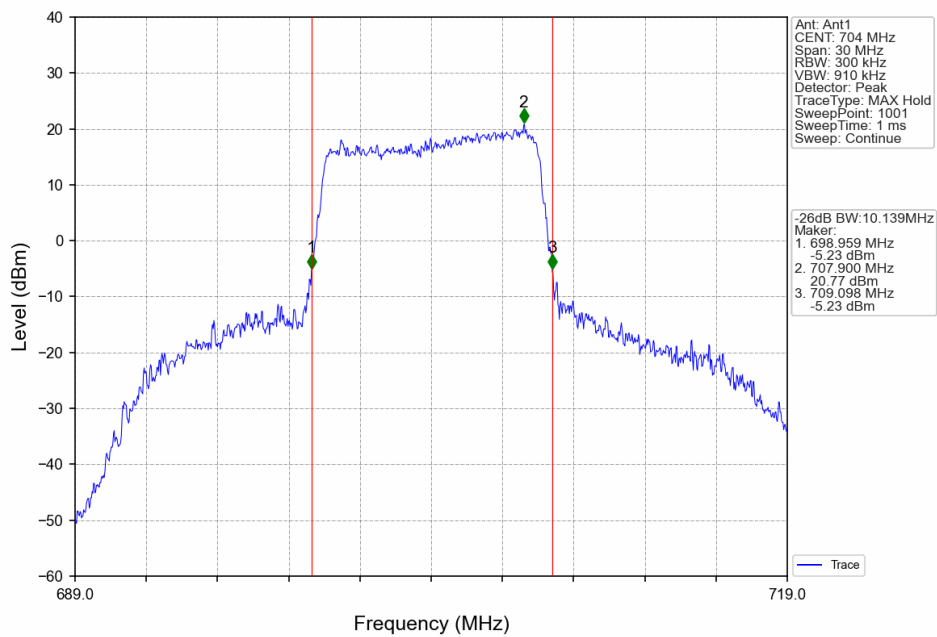
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV

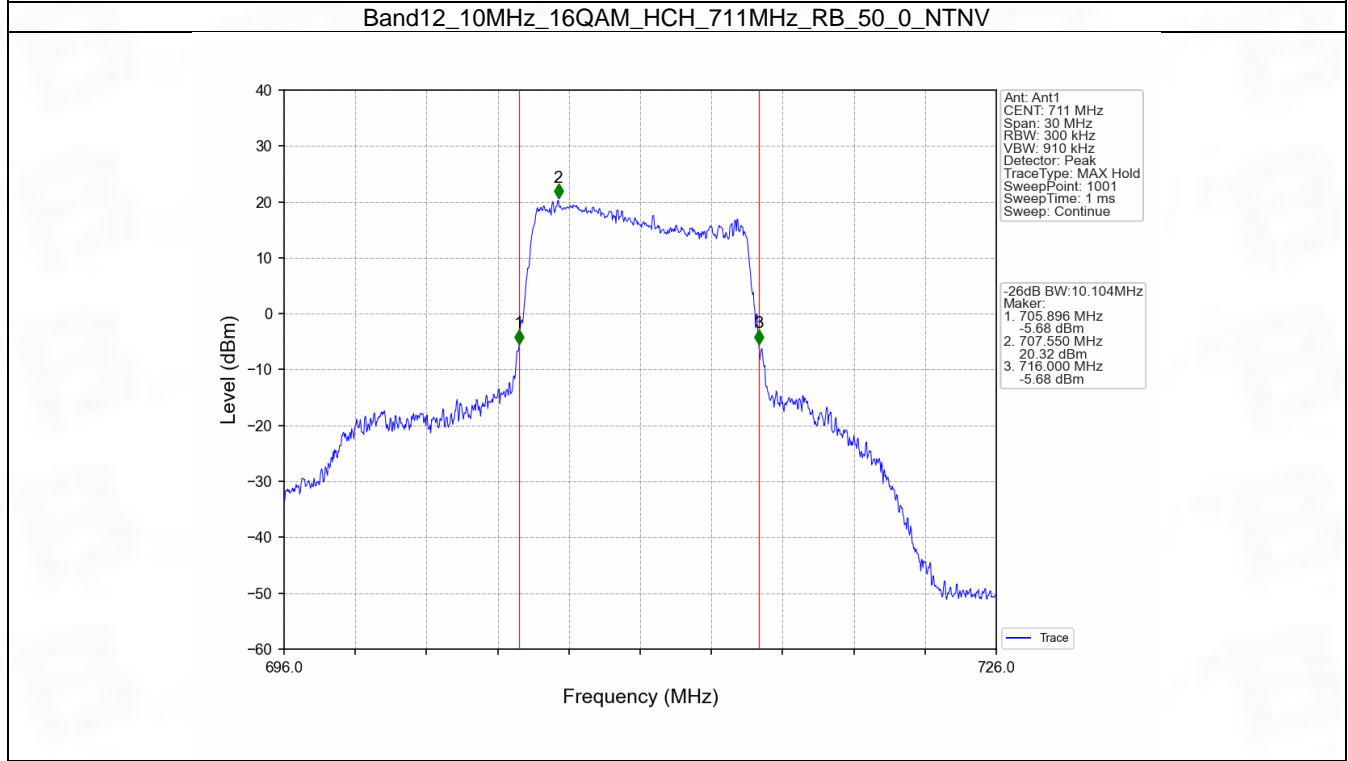
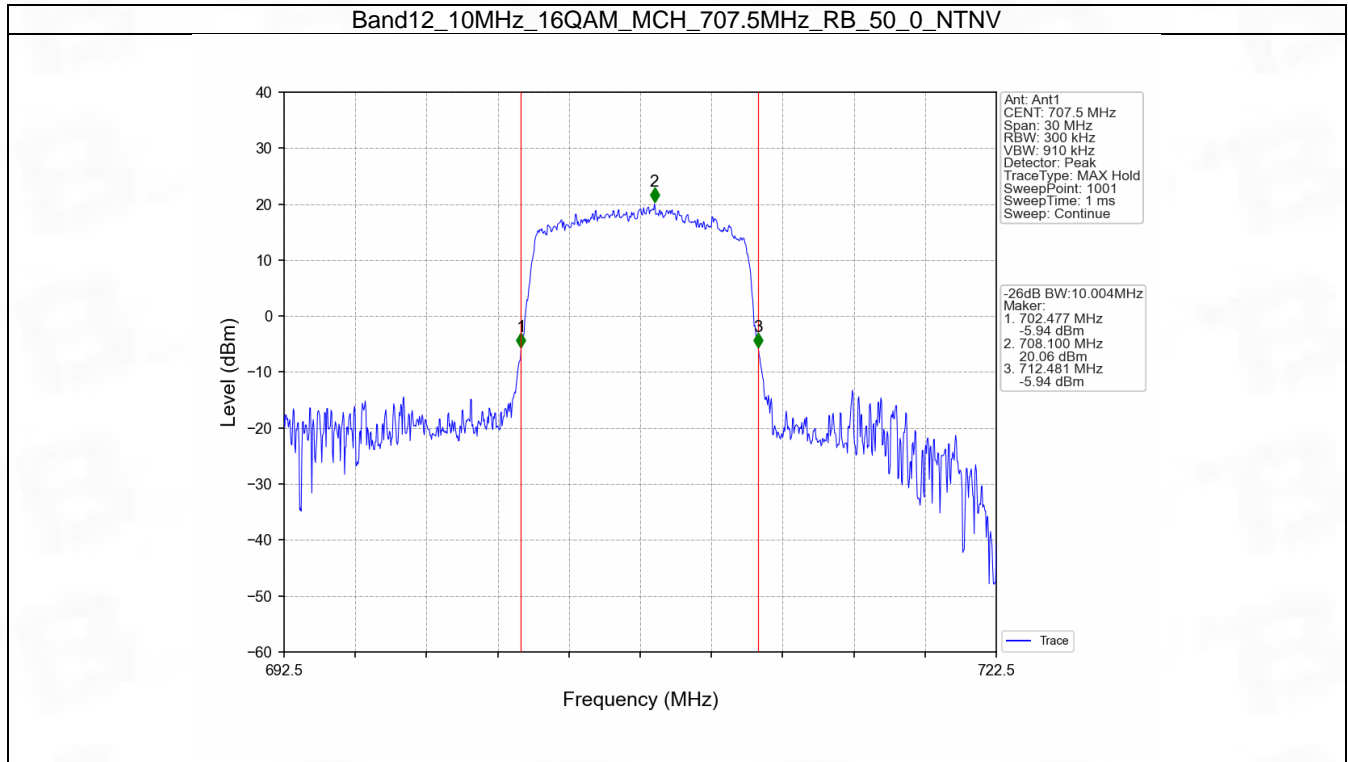


Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV







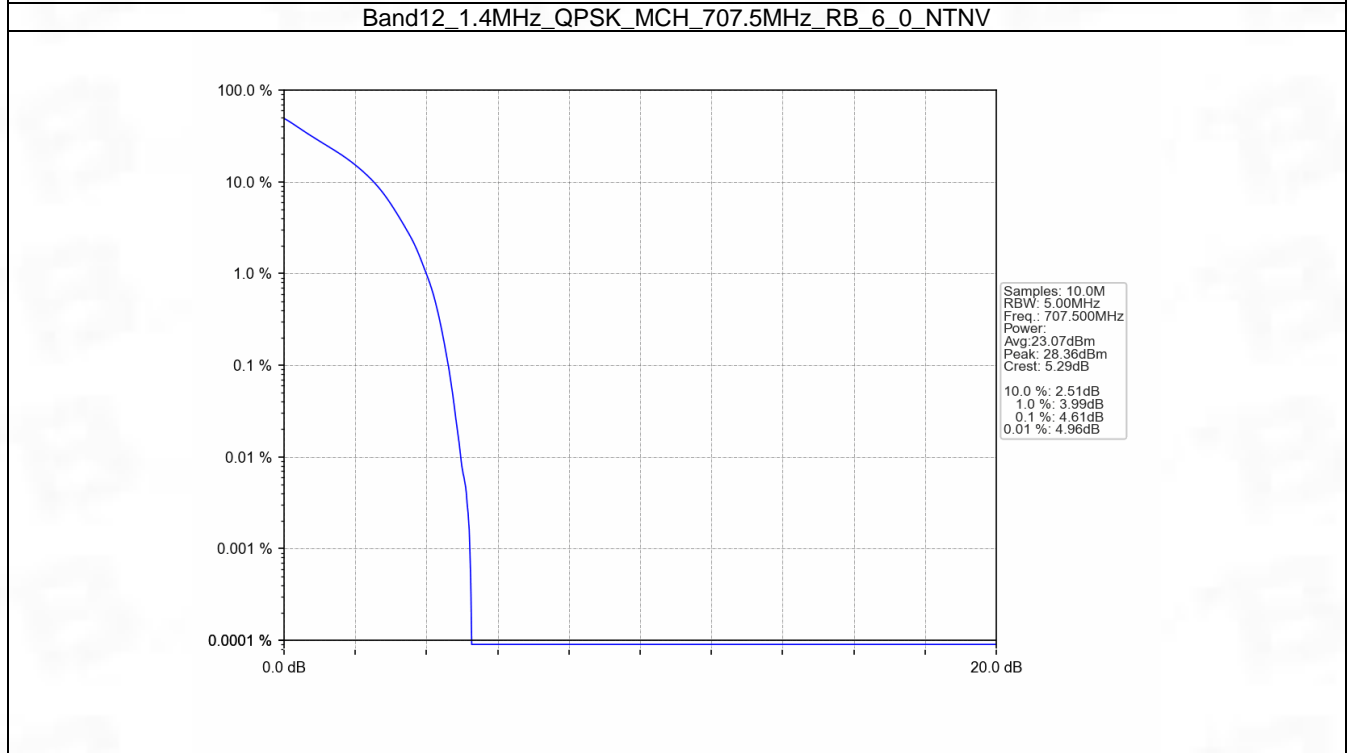
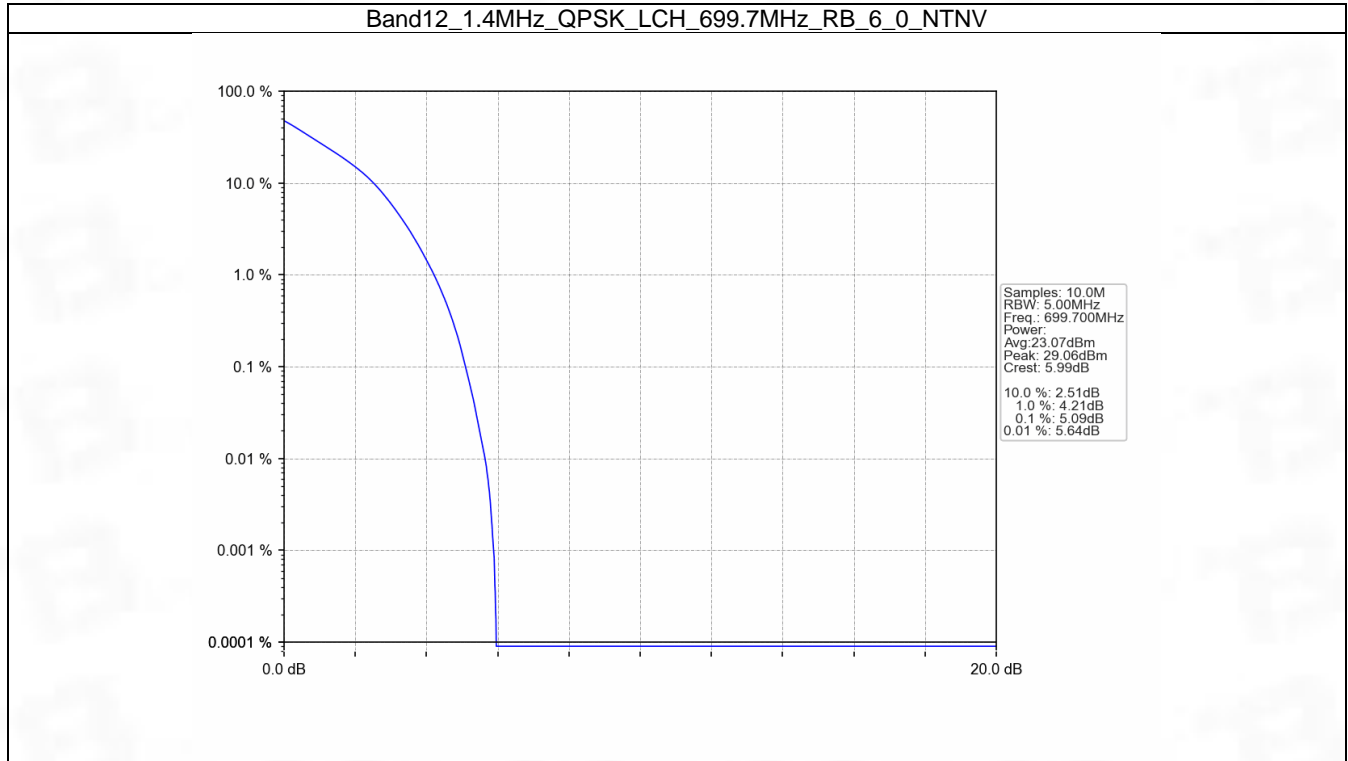
5. Peak-Average Ratio

5.1 B12_1.4MHz

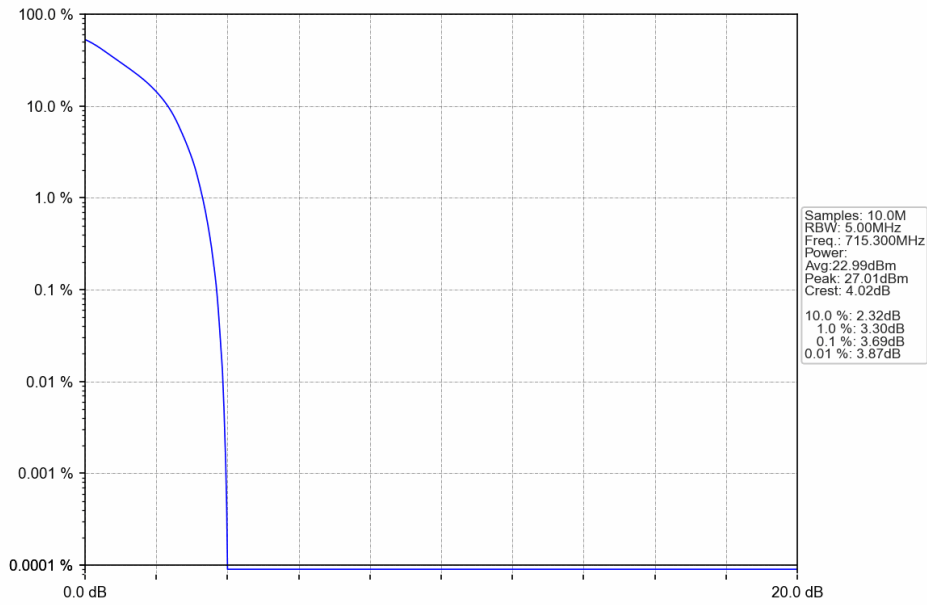
5.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	6	0	5.09	<=13	Pass
	707.5	6	0	4.61	<=13	Pass
	715.3	6	0	3.69	<=13	Pass
16QAM	699.7	6	0	5.95	<=13	Pass
	707.5	6	0	5.41	<=13	Pass
	715.3	6	0	4.77	<=13	Pass

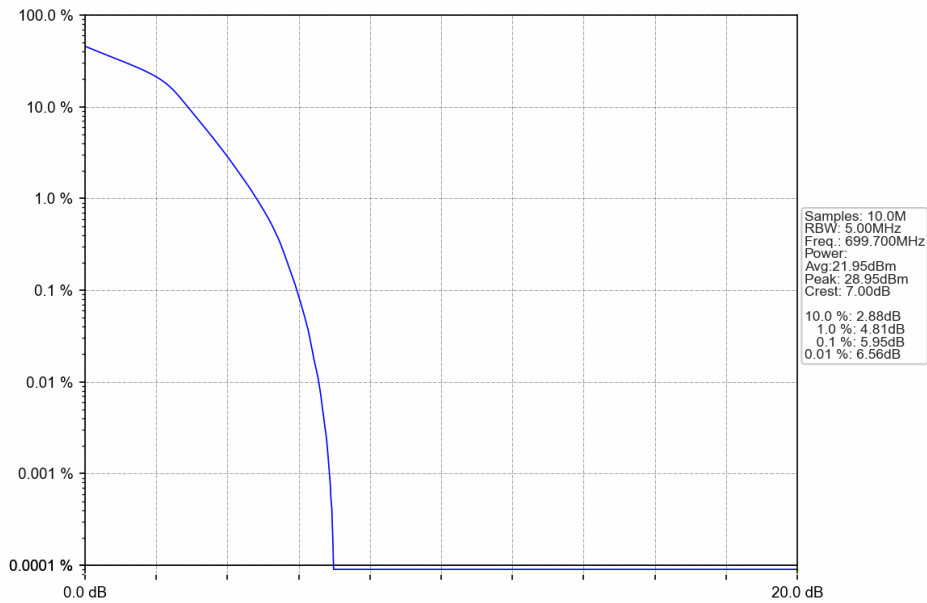
5.1.2 Test Graph



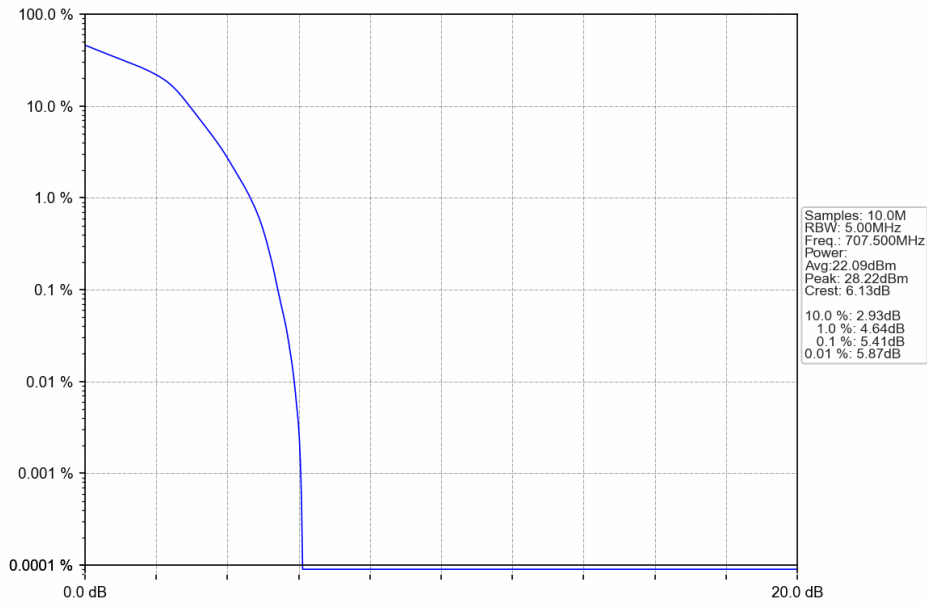
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



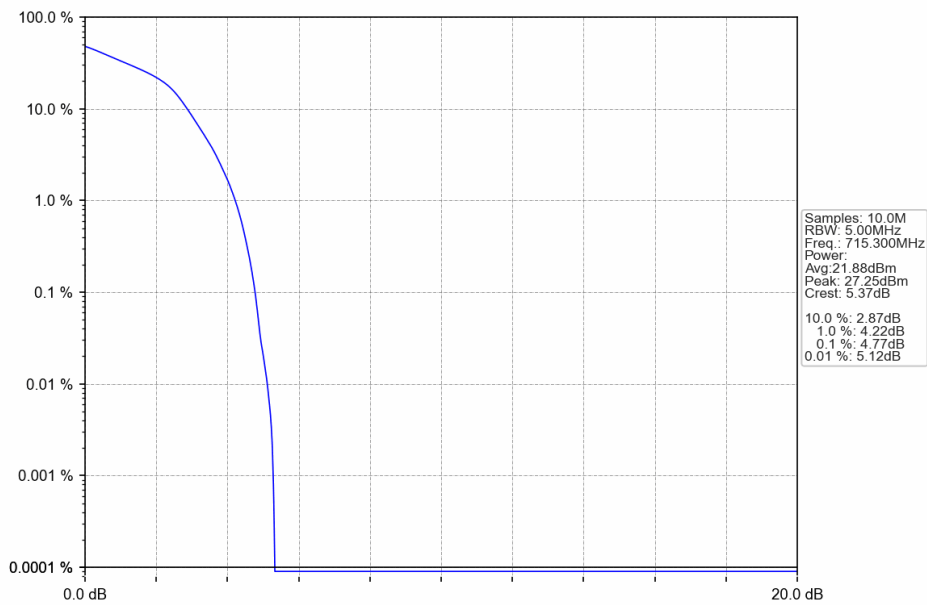
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV

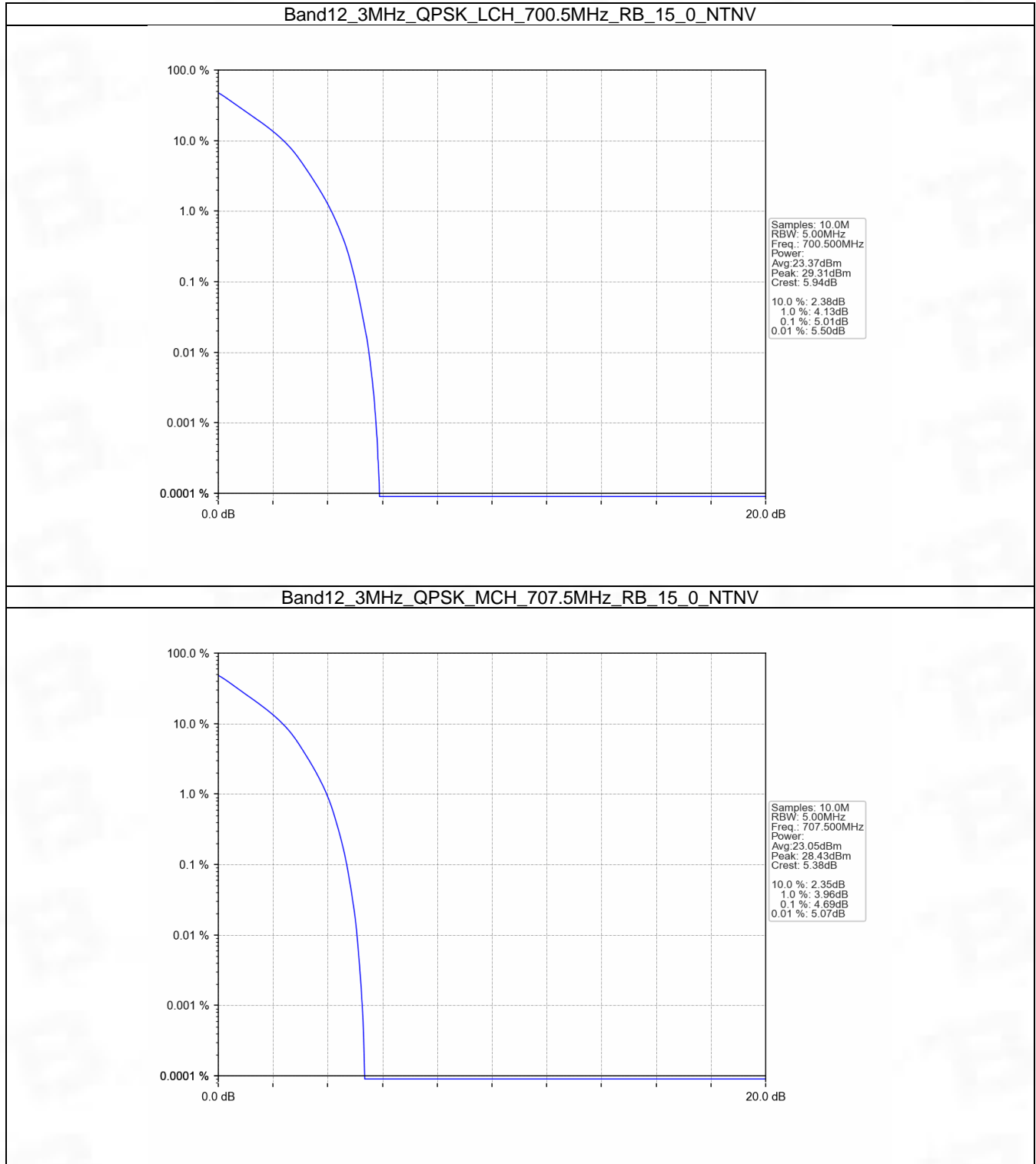


5.2 B12_3MHz

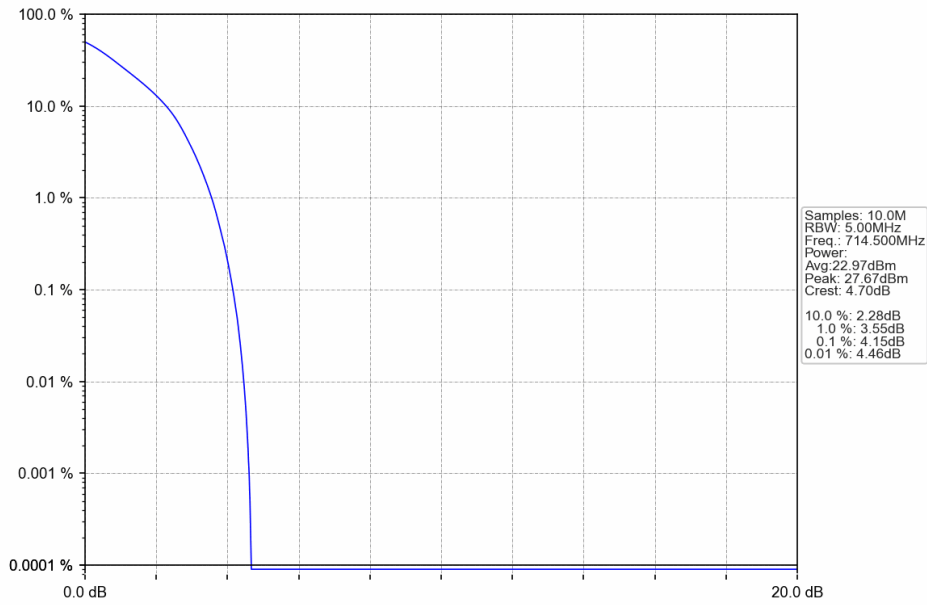
5.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	15	0	5.01	<=13	Pass
	707.5	15	0	4.69	<=13	Pass
	714.5	15	0	4.15	<=13	Pass
16QAM	700.5	15	0	5.95	<=13	Pass
	707.5	15	0	5.55	<=13	Pass
	714.5	15	0	5.08	<=13	Pass

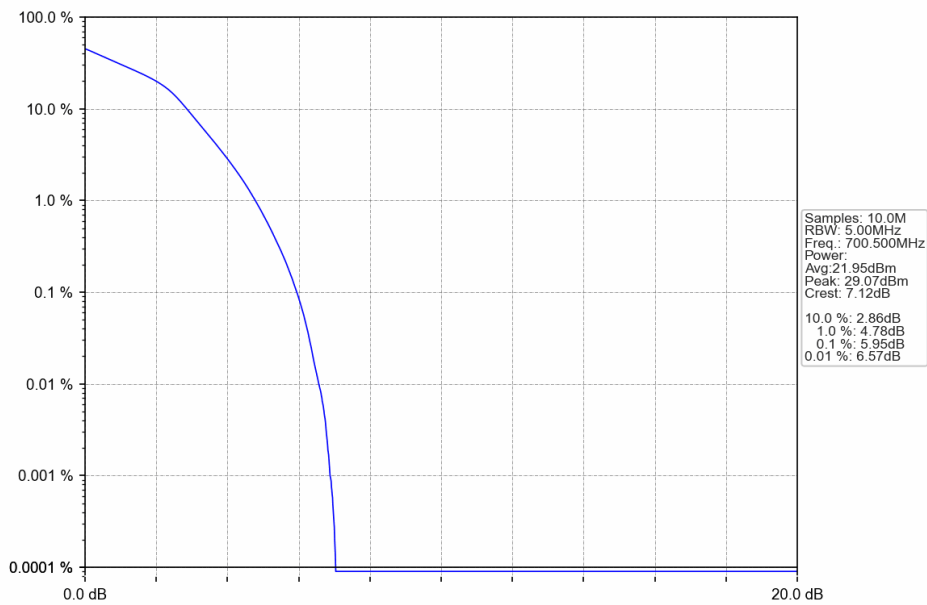
5.2.2 Test Graph

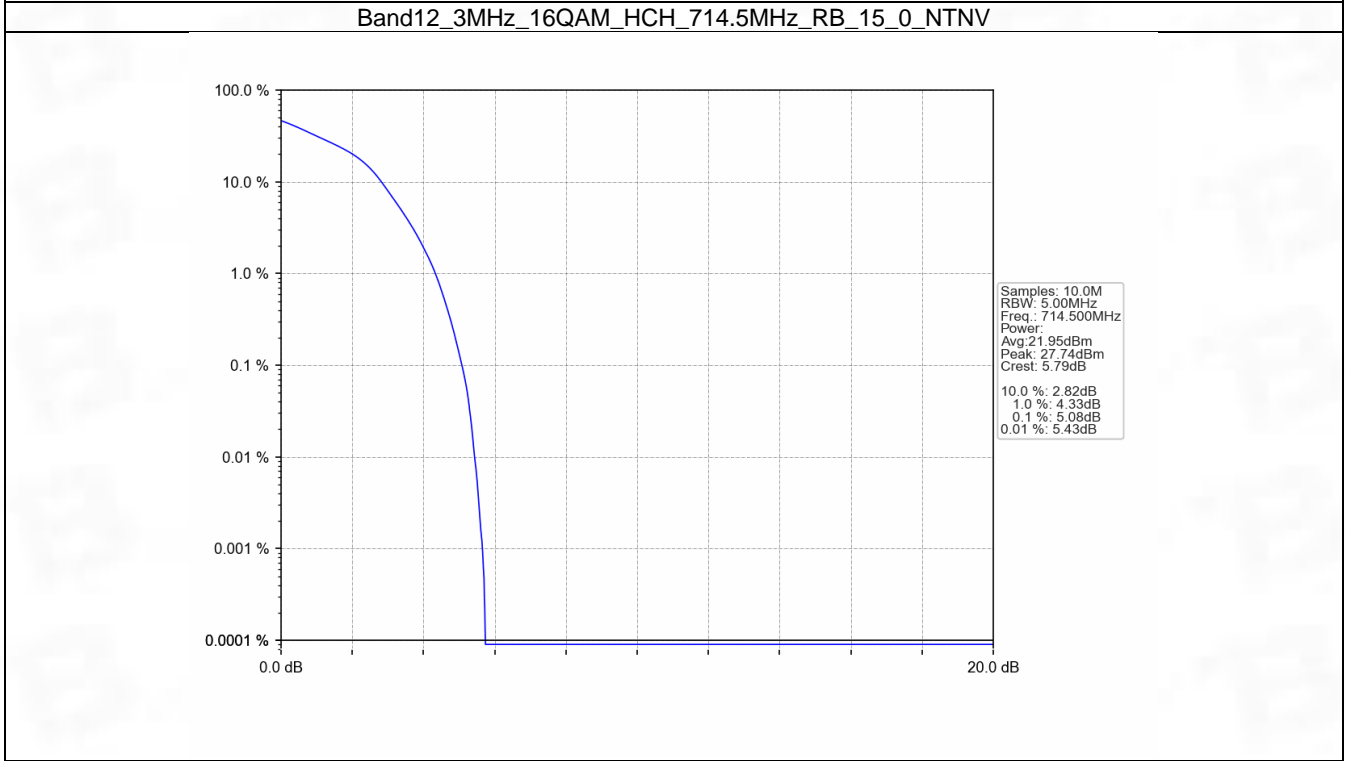
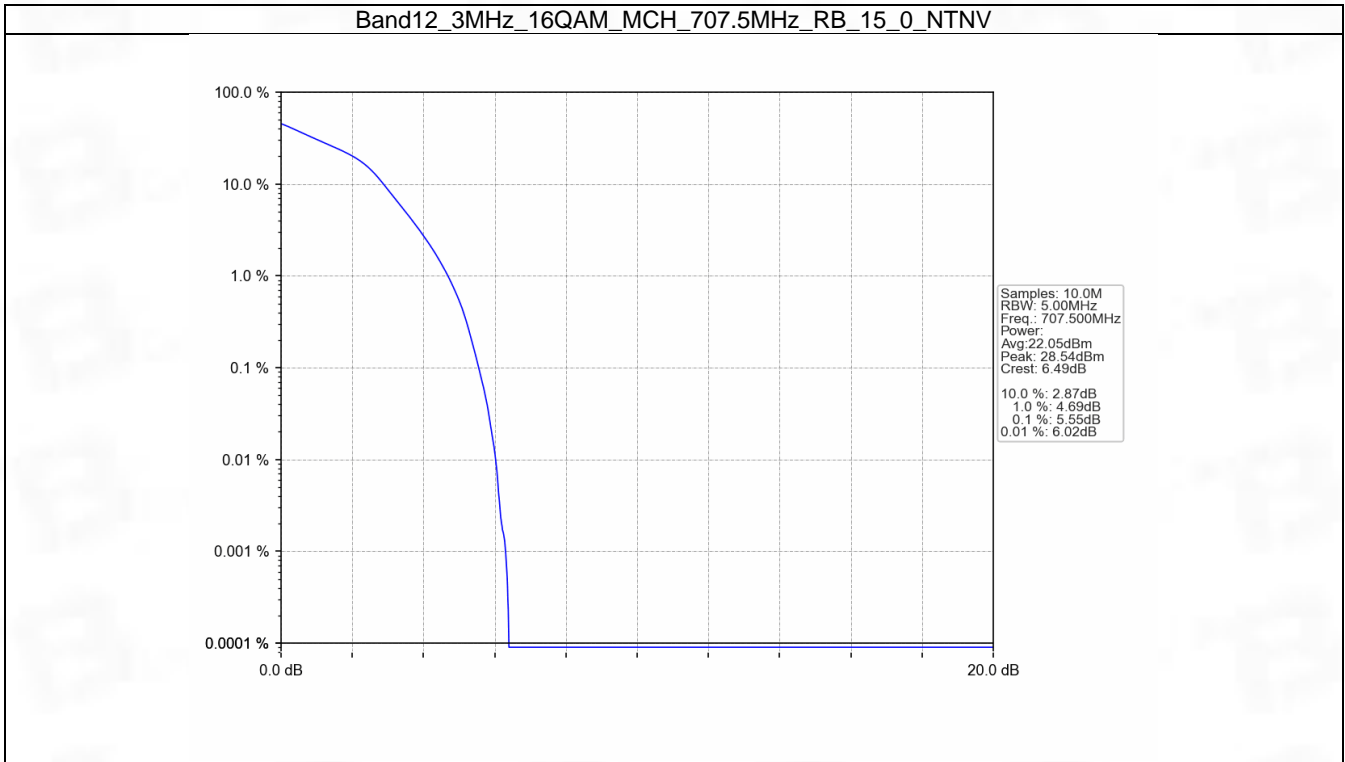


Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



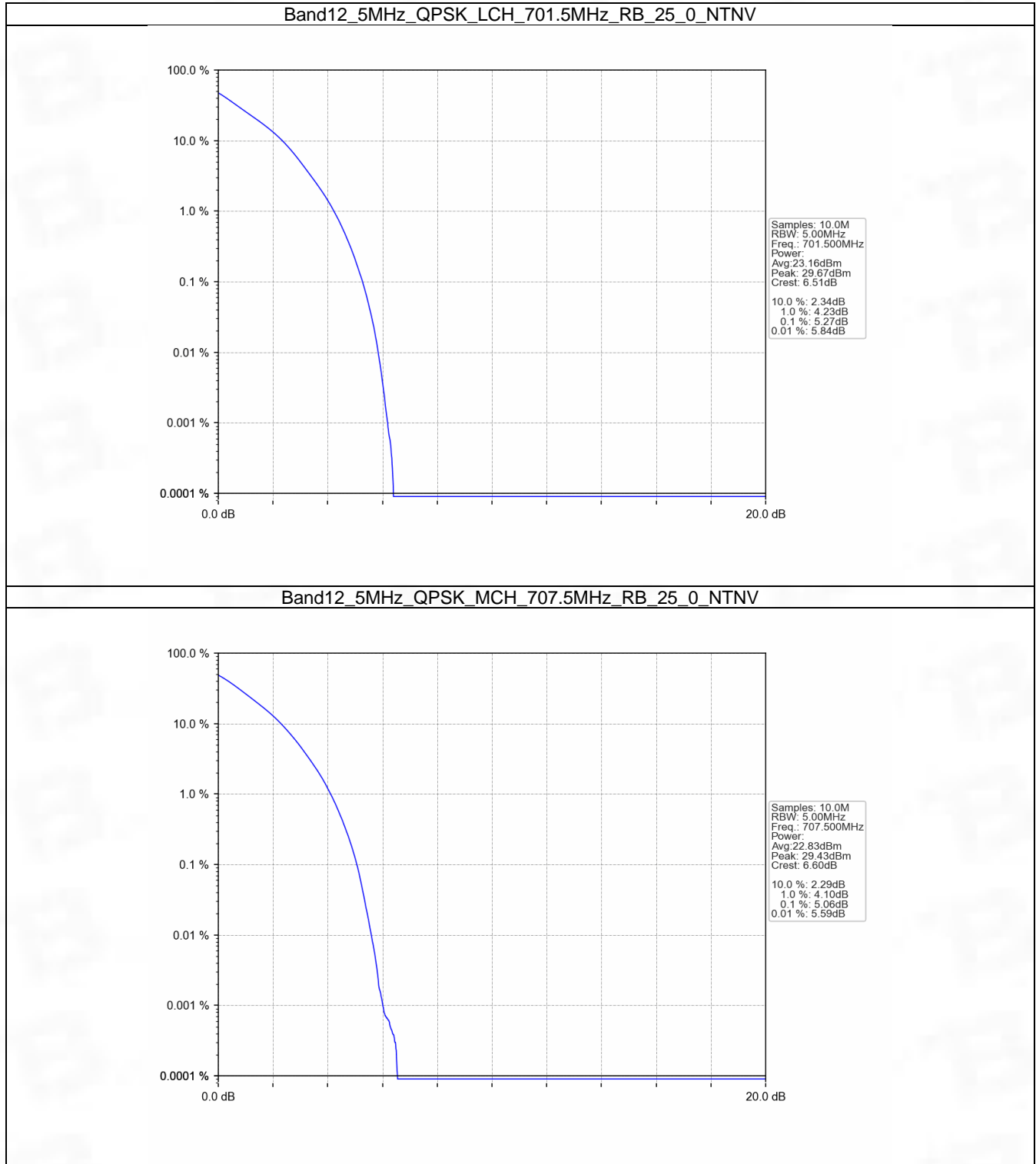


5.3 B12_5MHz

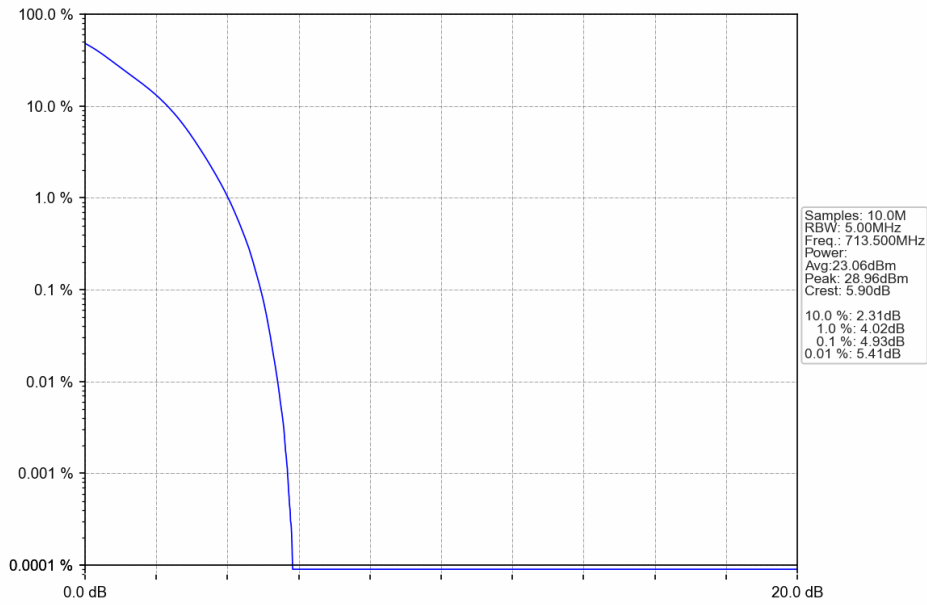
5.3.1 Test Result

Band: 12 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.27	<=13	Pass
	707.5	25	0	5.06	<=13	Pass
	713.5	25	0	4.93	<=13	Pass
16QAM	701.5	25	0	6.02	<=13	Pass
	707.5	25	0	5.80	<=13	Pass
	713.5	25	0	5.63	<=13	Pass

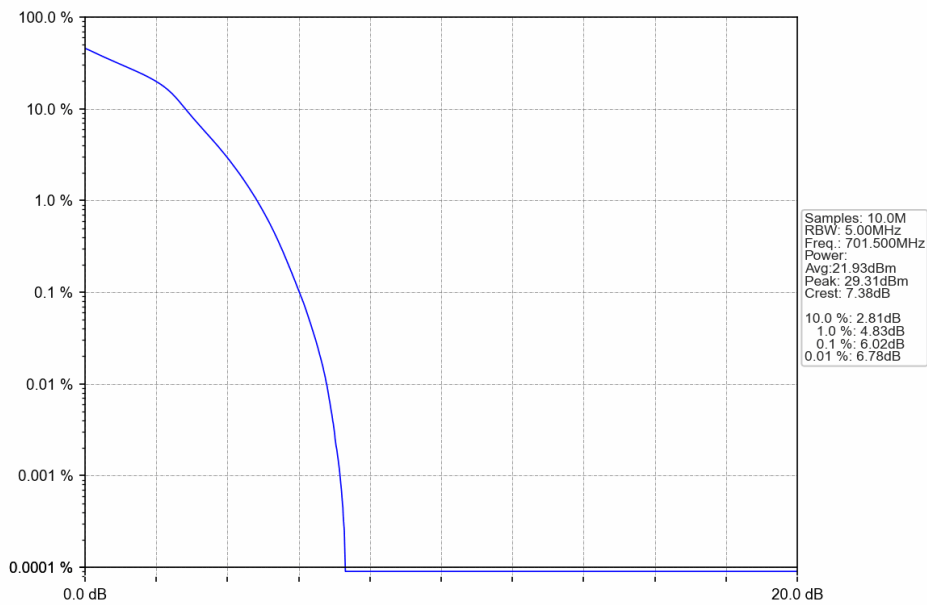
5.3.2 Test Graph

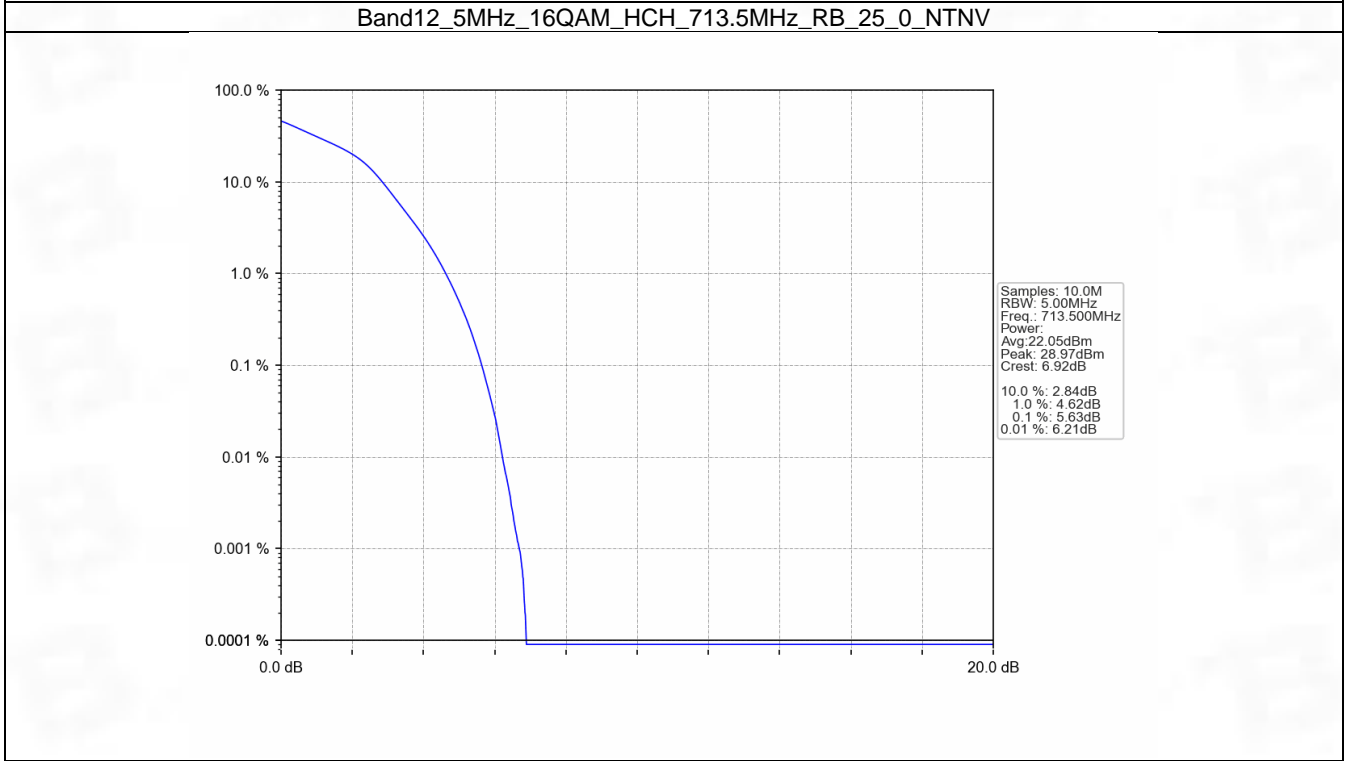
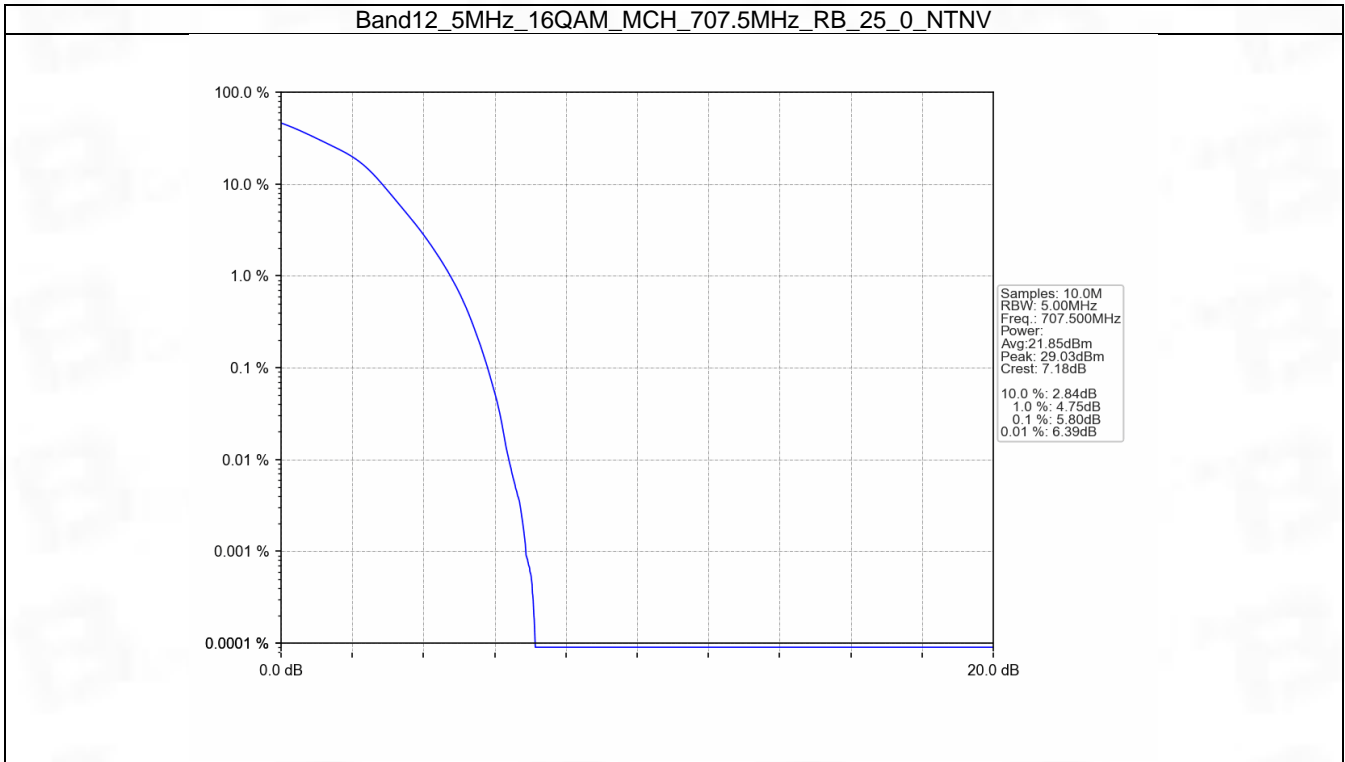


Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV





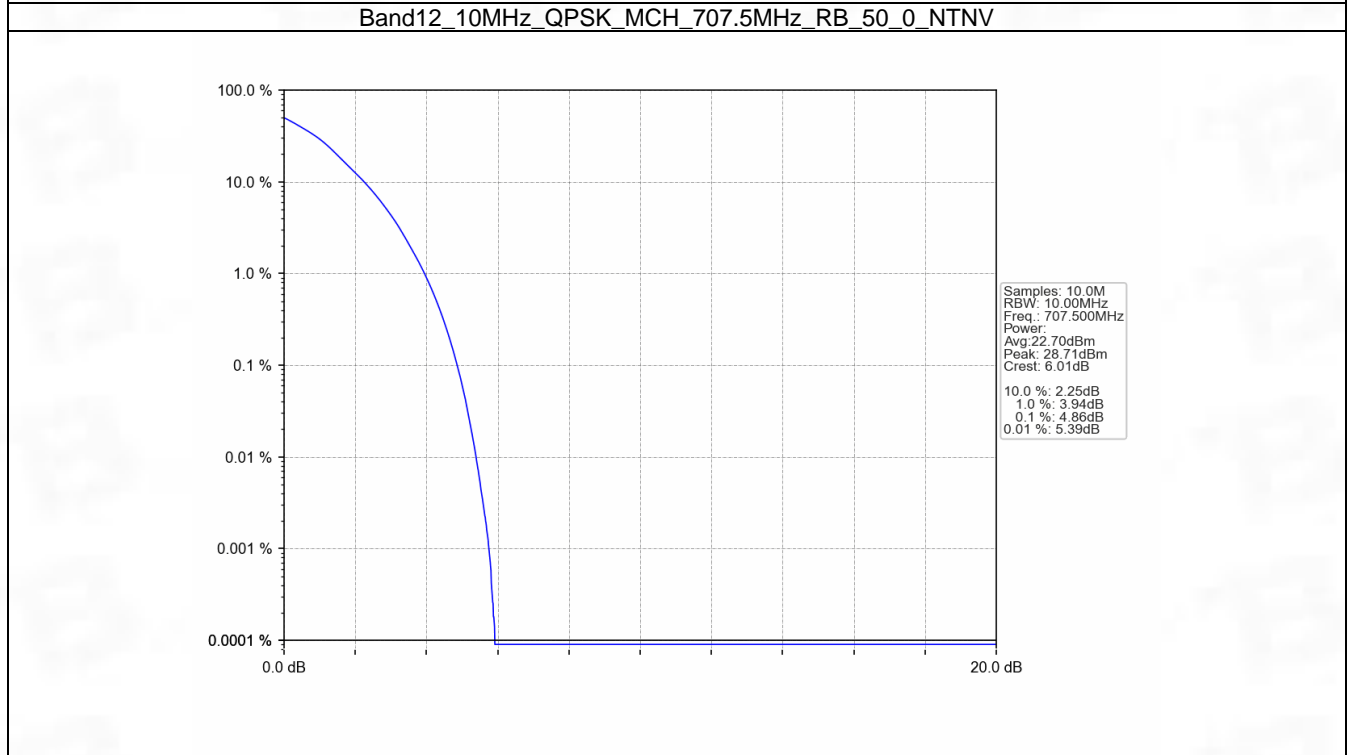
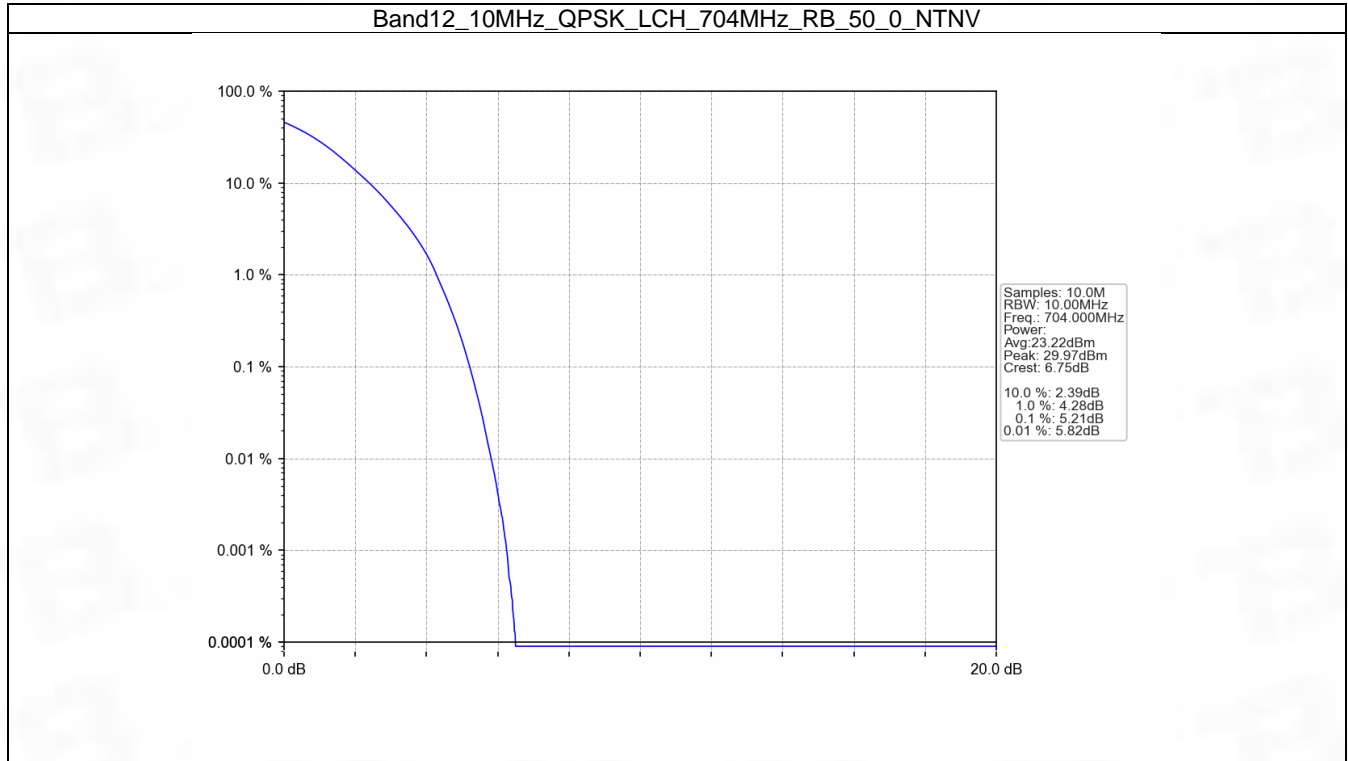


5.4 B12_10MHz

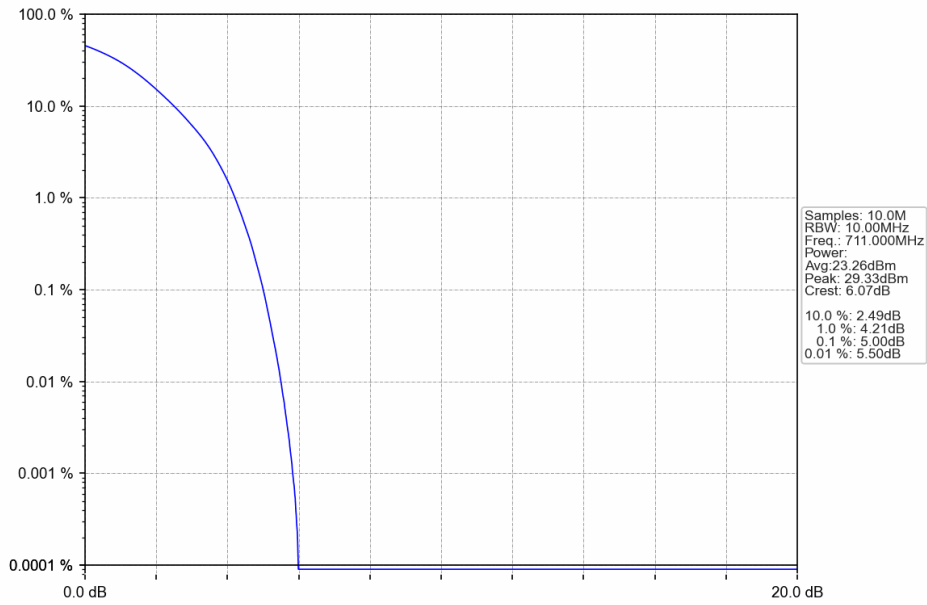
5.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.21	<=13	Pass
	707.5	50	0	4.86	<=13	Pass
	711	50	0	5.00	<=13	Pass
16QAM	704	50	0	5.92	<=13	Pass
	707.5	50	0	5.80	<=13	Pass
	711	50	0	5.82	<=13	Pass

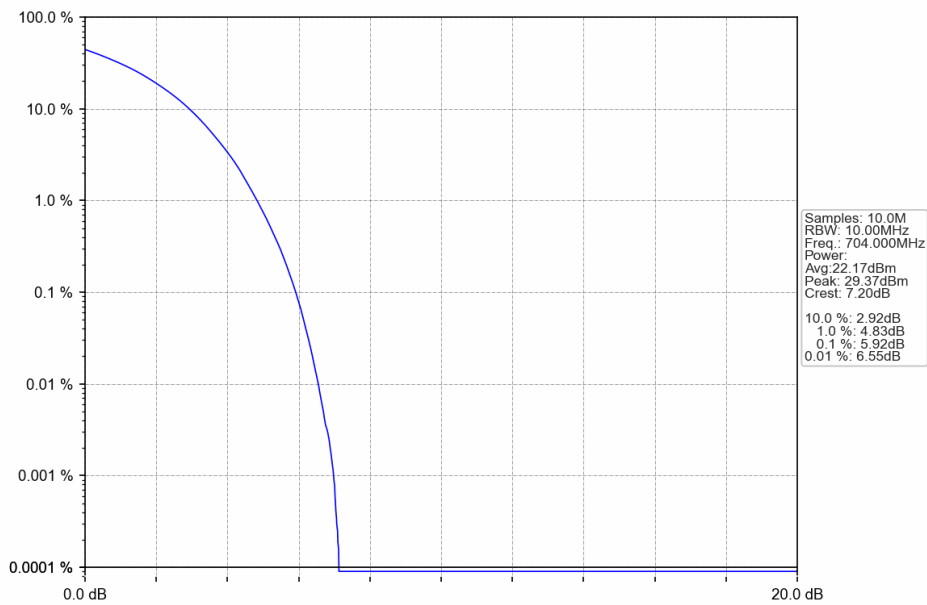
5.4.2 Test Graph



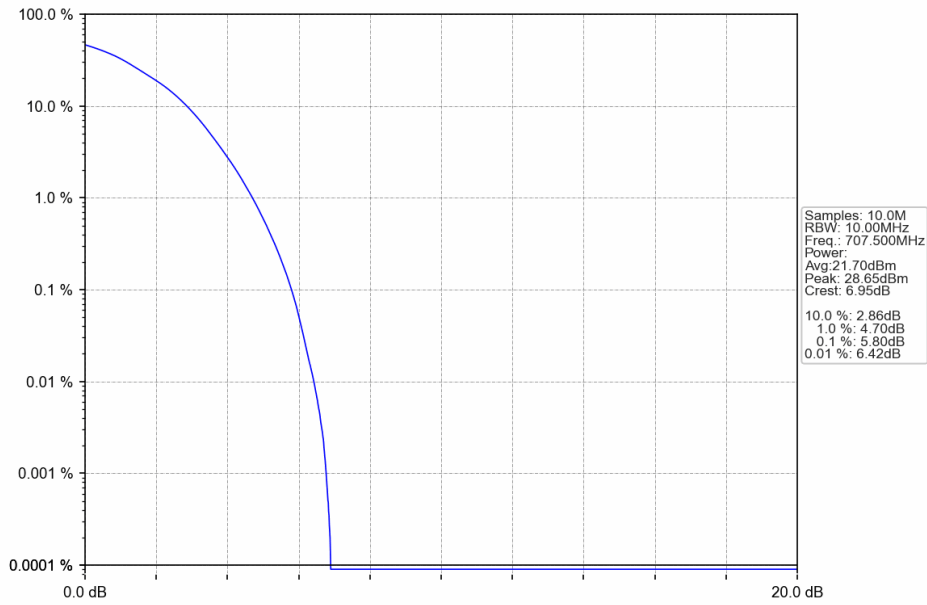
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



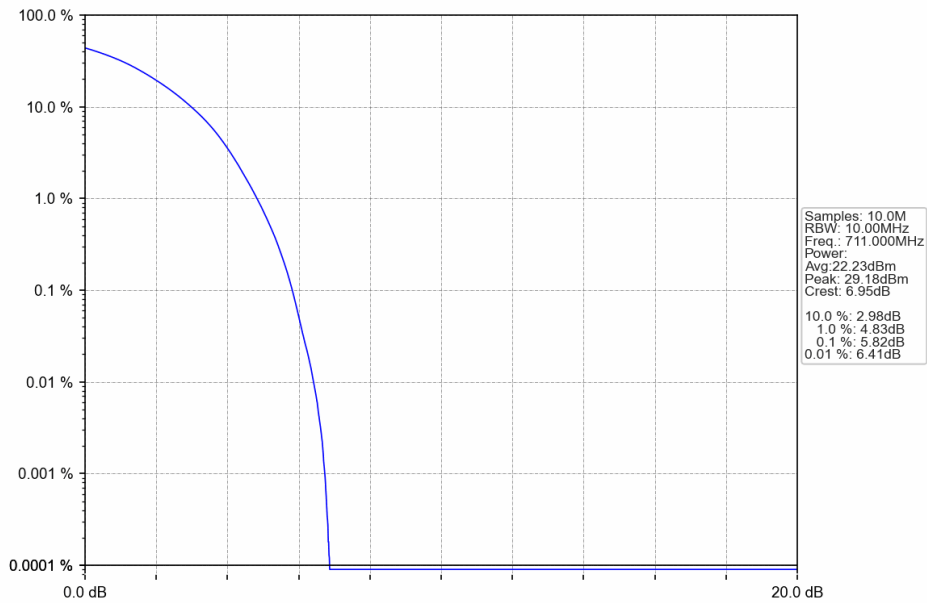
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



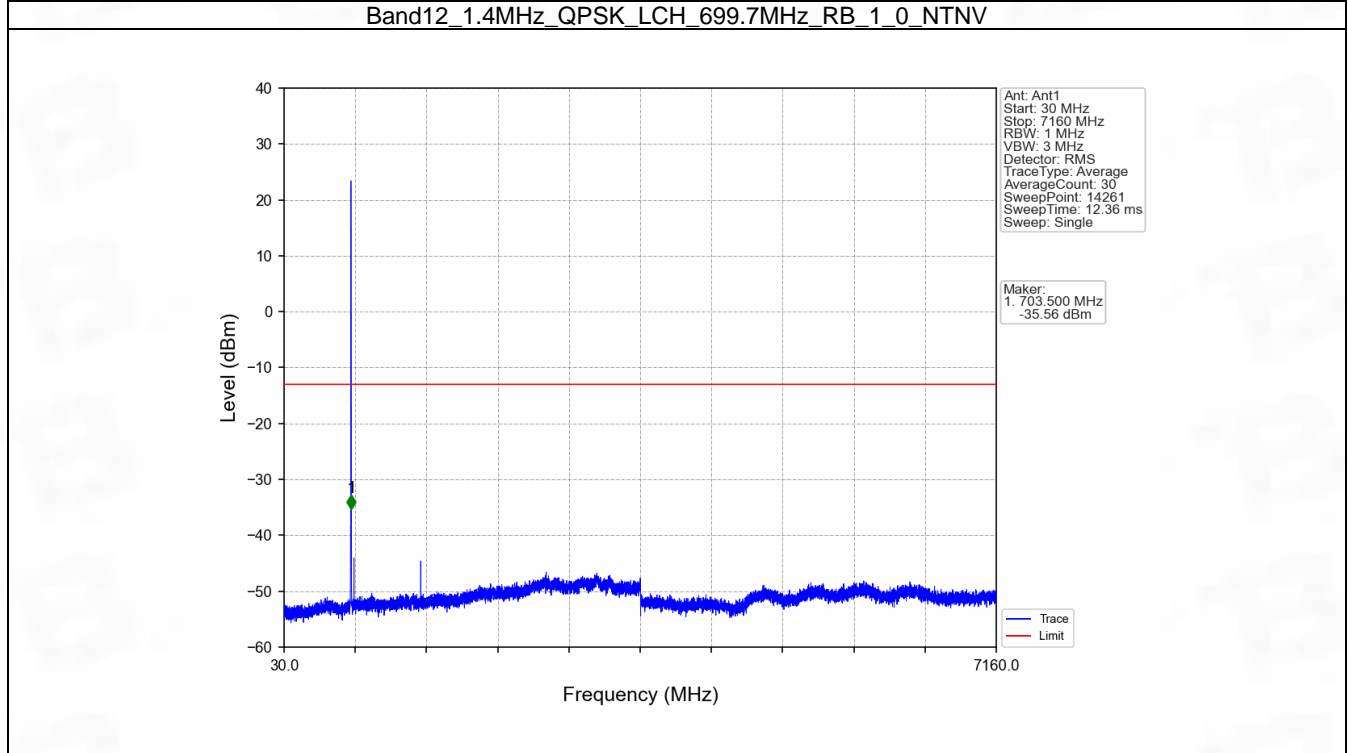
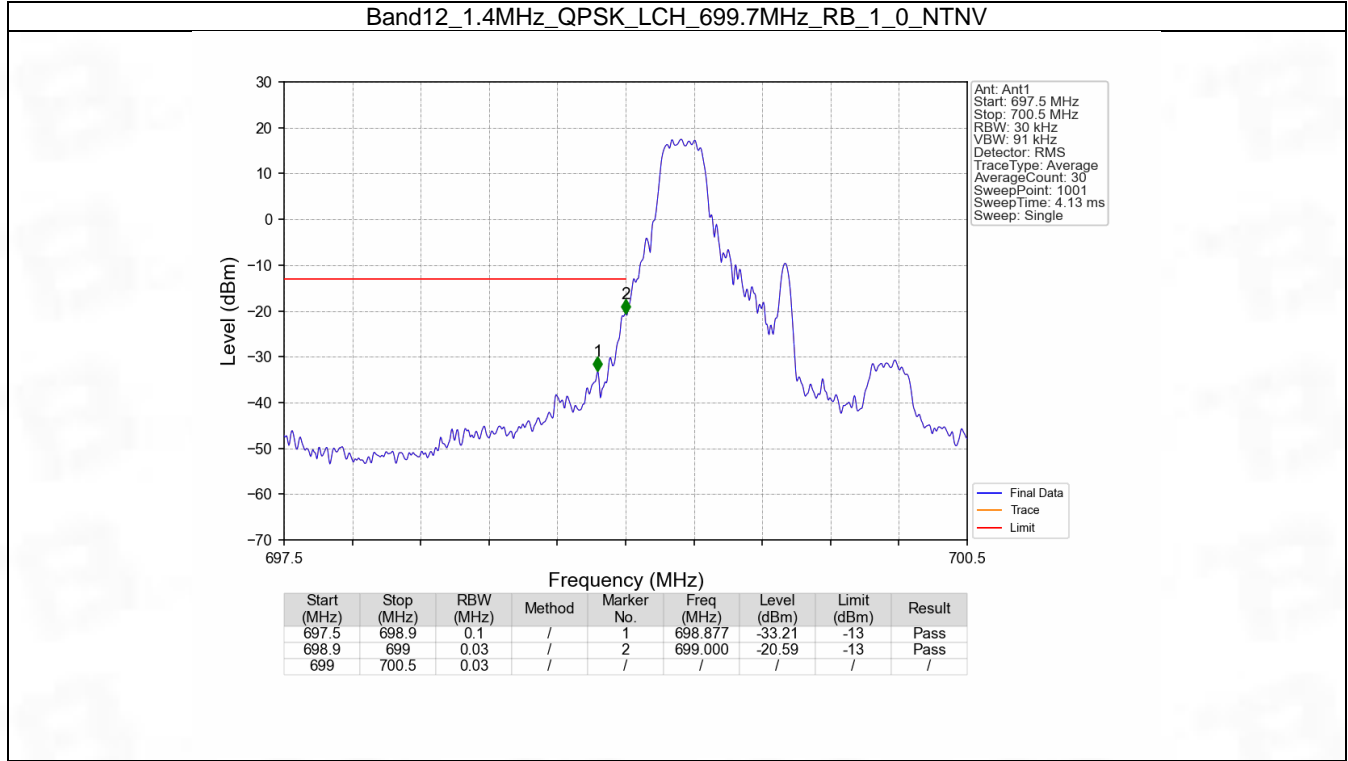
6. Spurious Emission

6.1 B12_1.4MHz

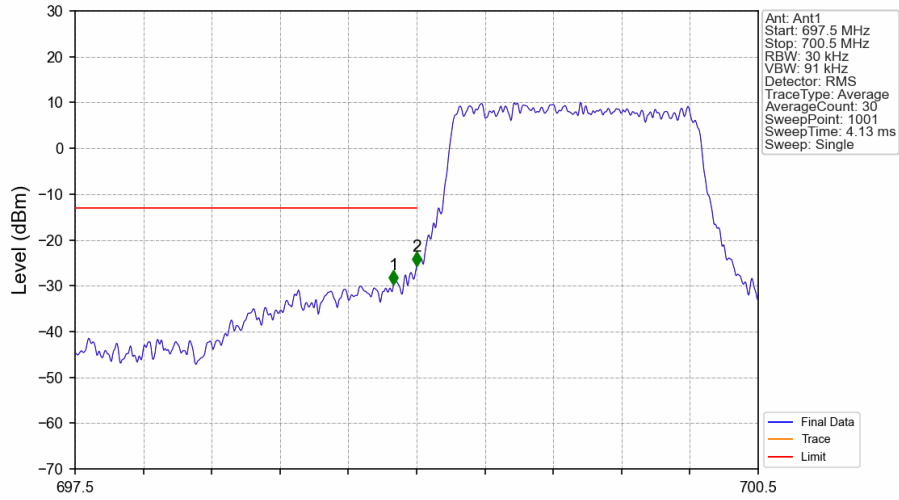
6.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	715.3	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	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	715.3	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 Test Graph

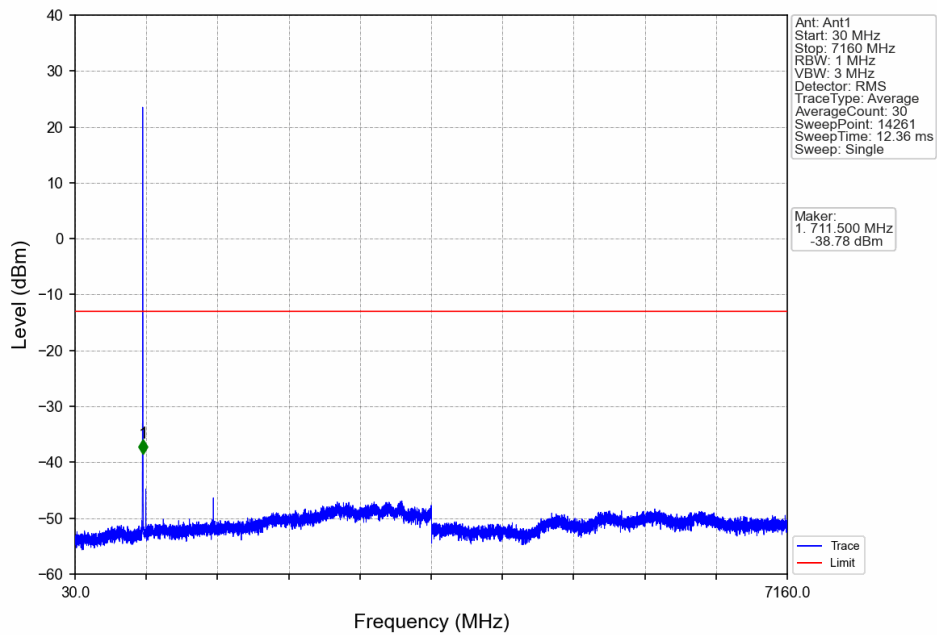


Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

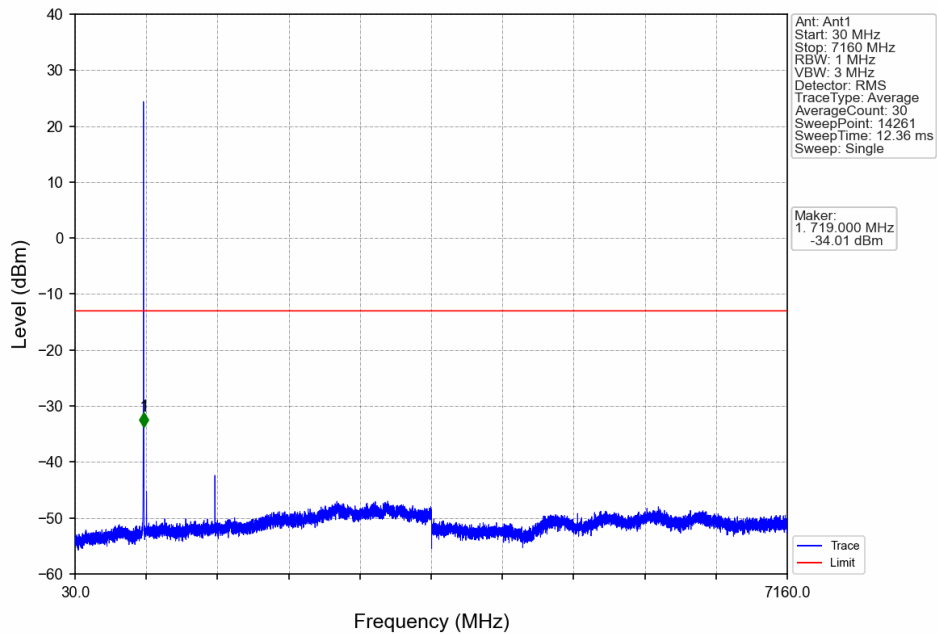


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	/	1	698.898	-29.87	-13	Pass
698.9	699	0.03	/	2	699.000	-25.74	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

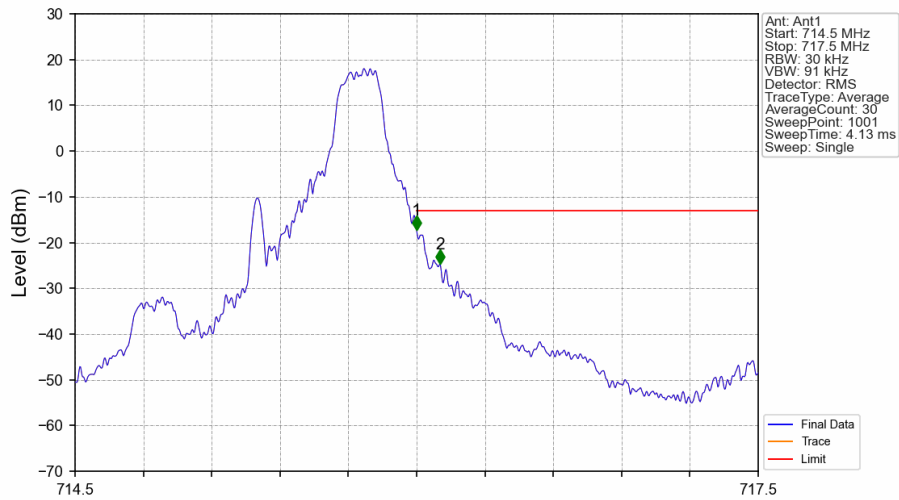
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV

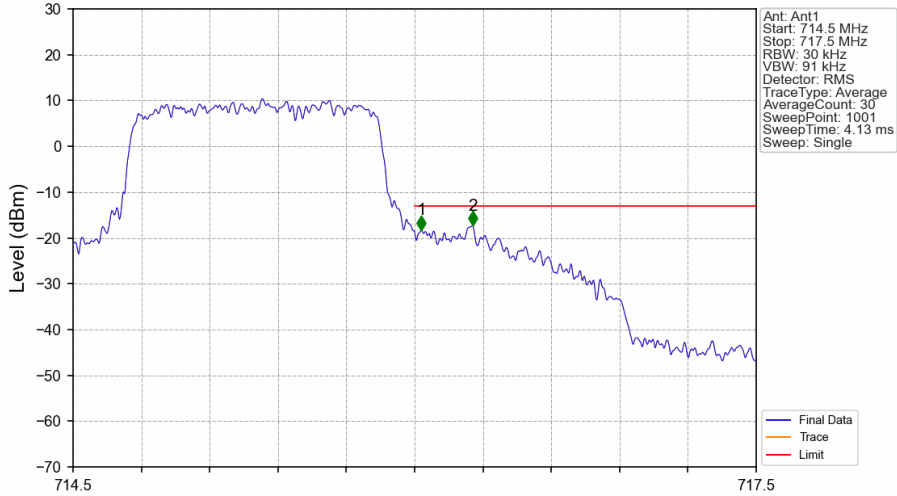


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



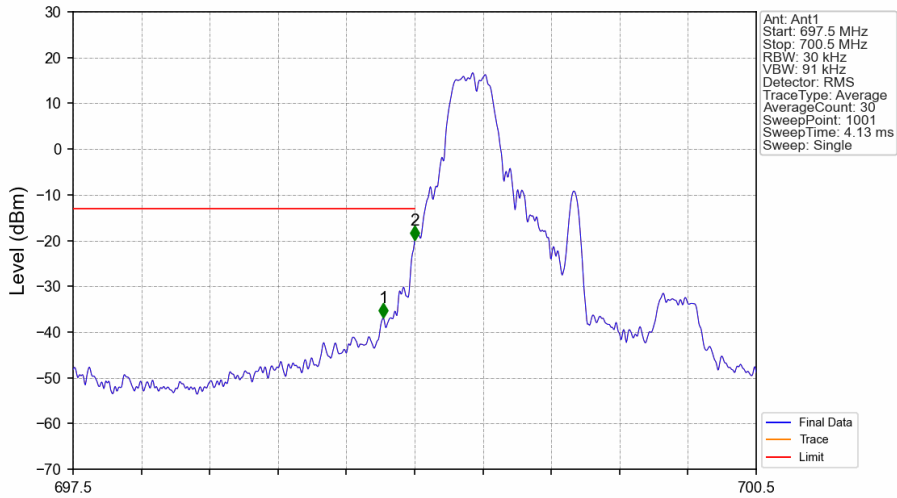
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	1	716.000	-17.31	-13	/
716	716.1	0.03	/	1	716.000	-17.31	-13	Pass
716.1	717.5	0.1	/	2	716.102	-24.69	-13	Pass

Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV

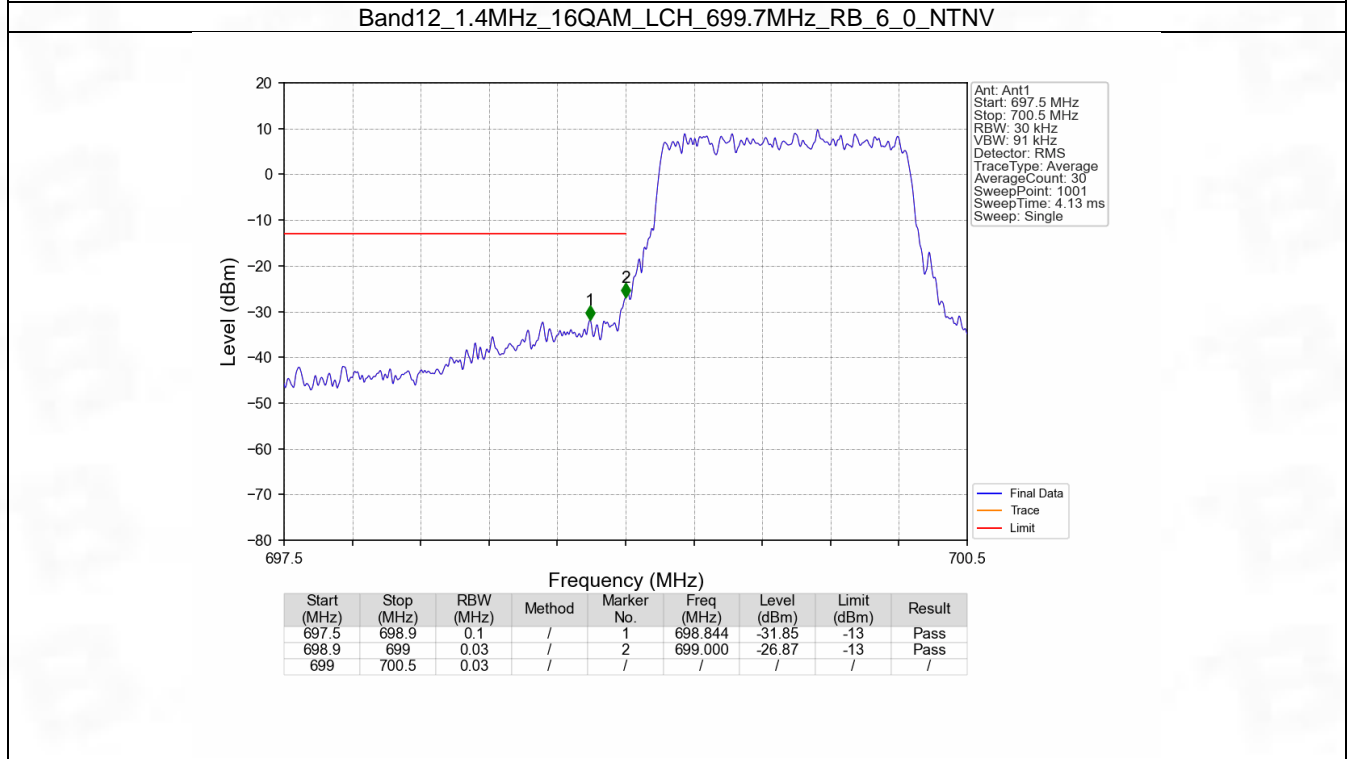
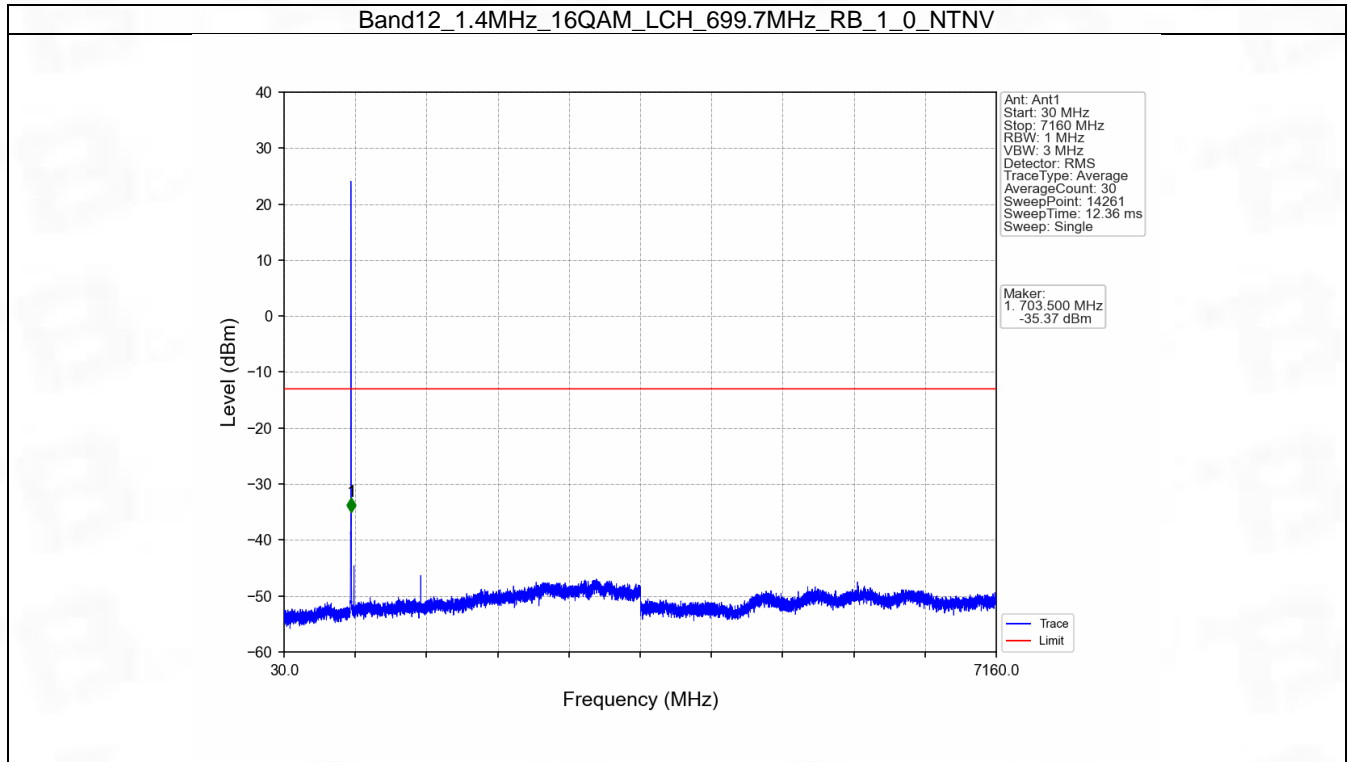


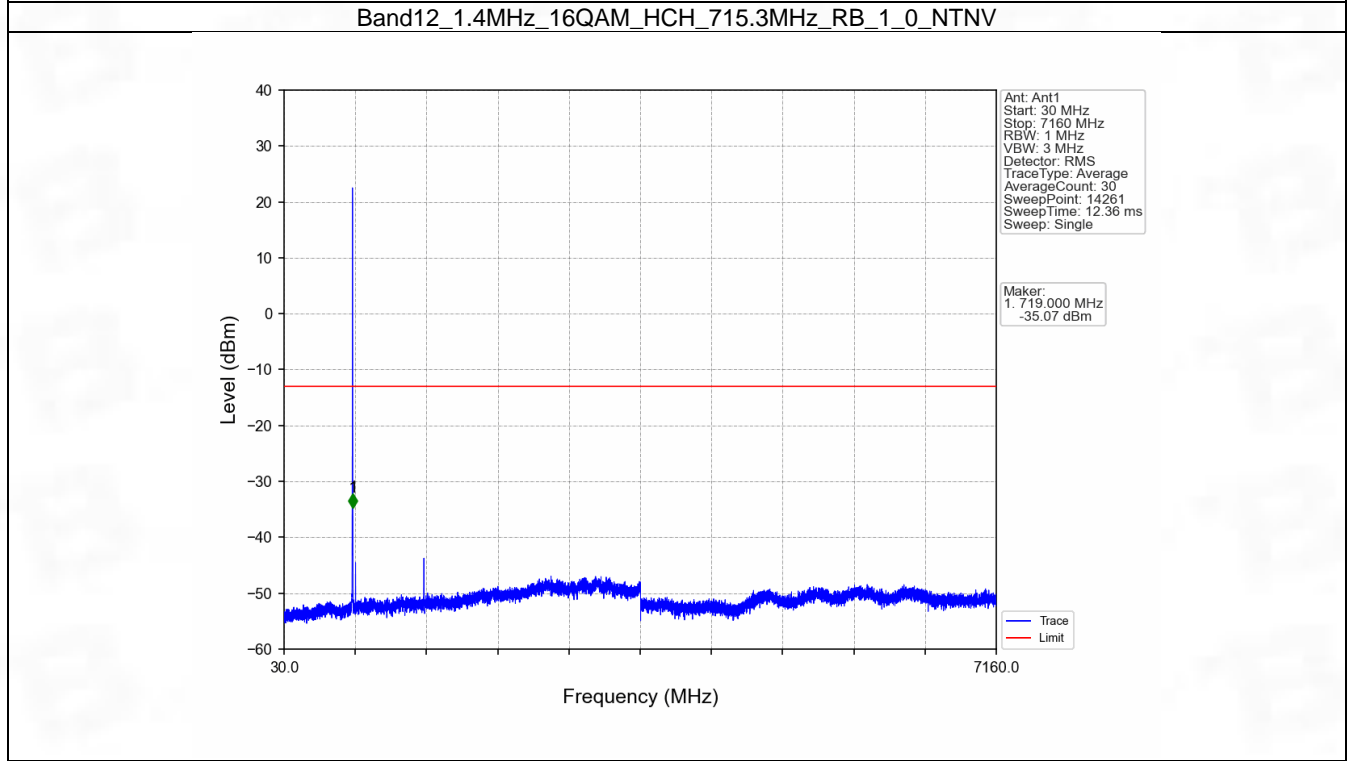
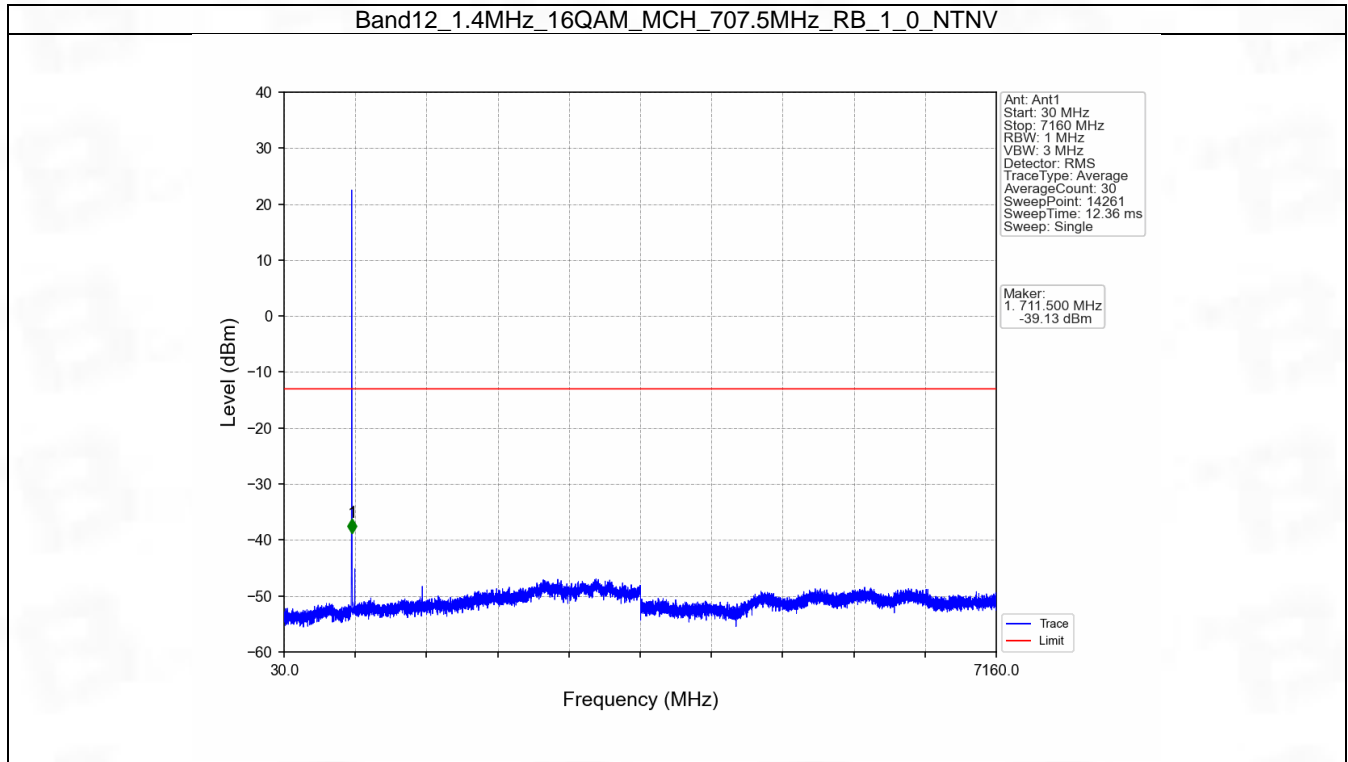
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-18.25	-13	Pass
716.1	717.5	0.1	/	2	716.255	-17.33	-13	Pass

Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

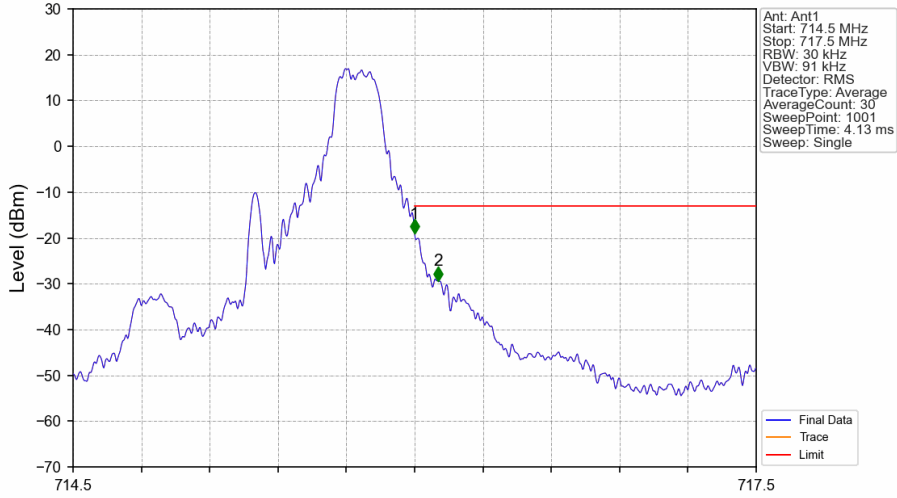


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	/	1	698.862	-36.91	-13	Pass
698.9	699	0.03	/	2	699.000	-19.92	-13	Pass
699	700.5	0.03	/	/	/	/	/	/



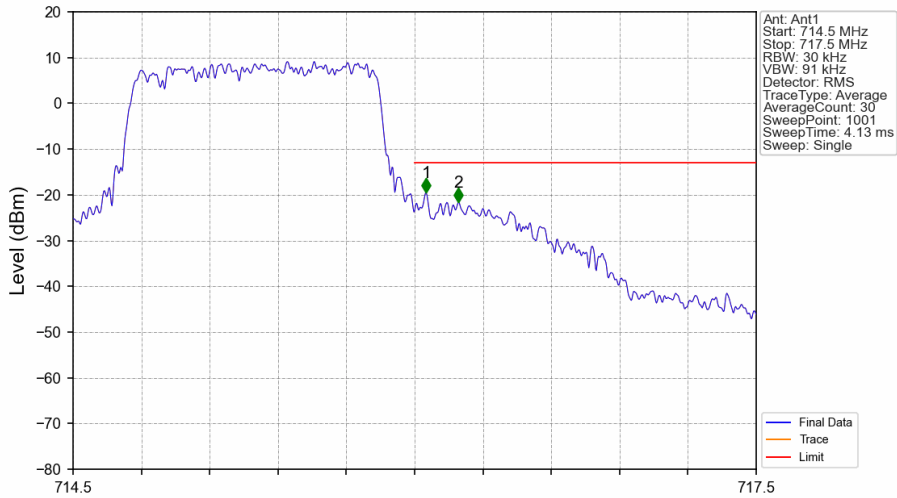


Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-19.05	-13	Pass
716.1	717.5	0.1	/	2	716.102	-29.36	-13	Pass

Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



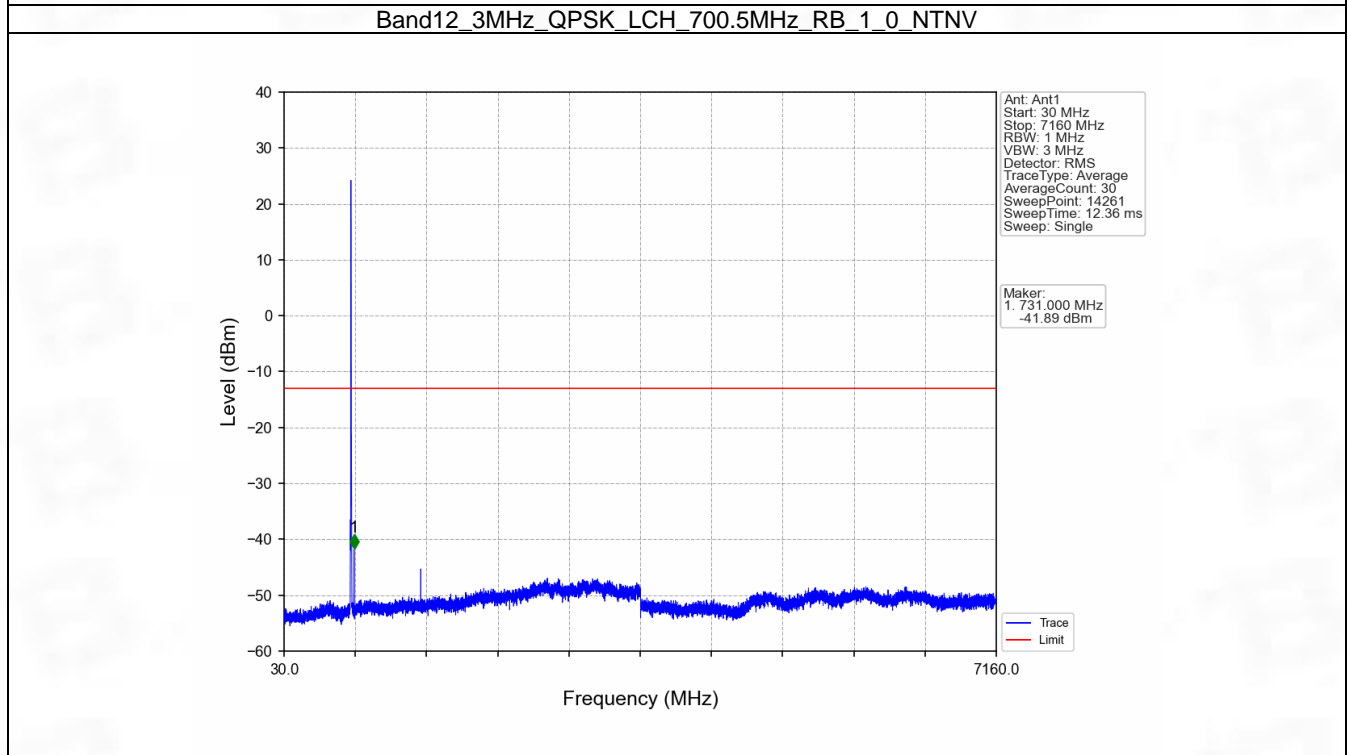
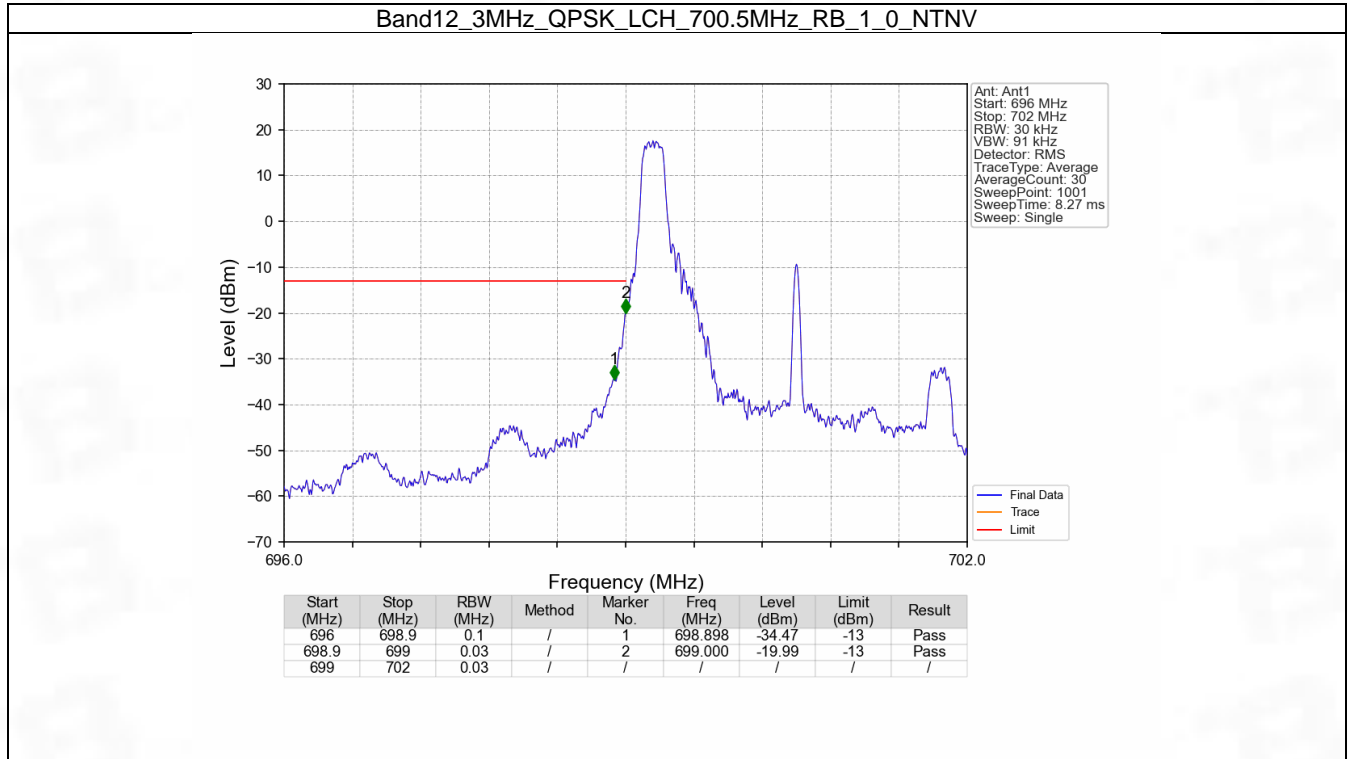
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.051	-19.57	-13	Pass
716.1	717.5	0.1	/	2	716.192	-21.65	-13	Pass

6.2 B12_3MHz

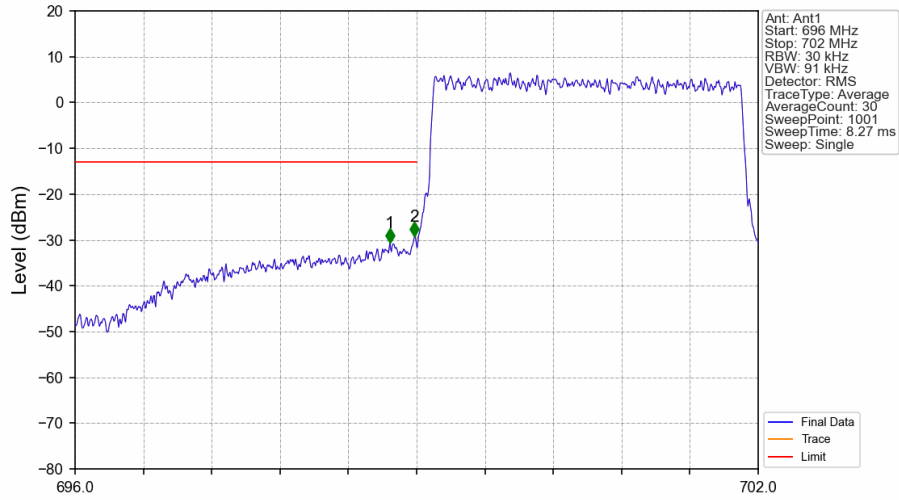
6.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		714.5	1	0	Refer To Test Graph	
				14	Refer To Test Graph	
			15	0	Refer To Test Graph	
16QAM	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		714.5	1	0	Refer To Test Graph	
				14	Refer To Test Graph	
			15	0	Refer To Test Graph	

6.2.2 Test Graph

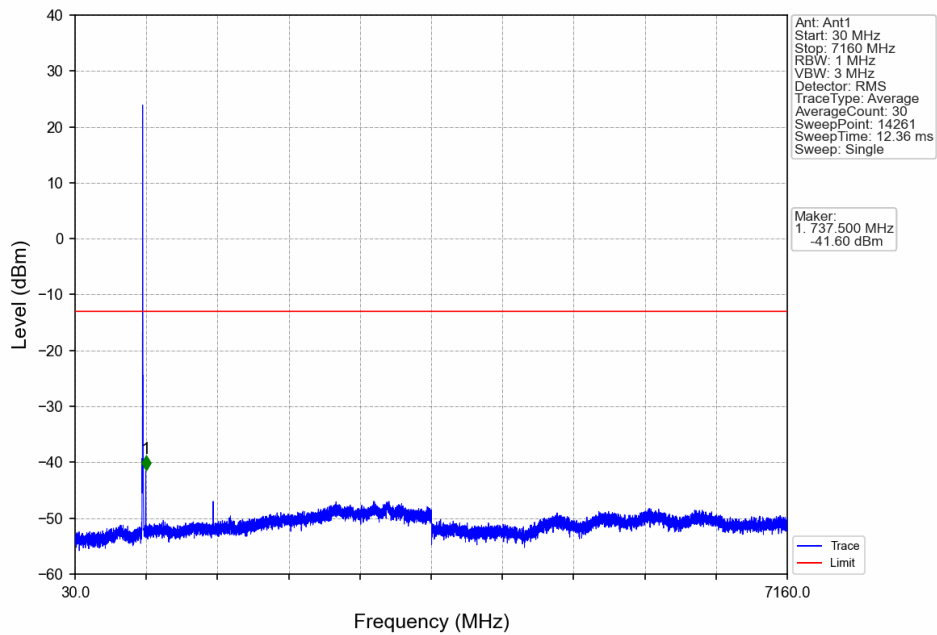


Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

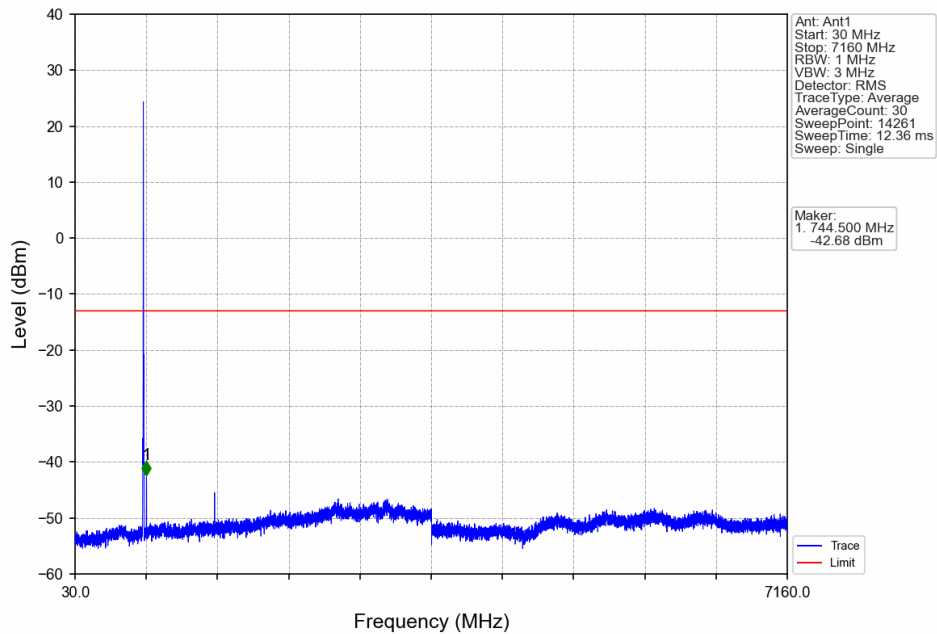


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	/	1	698.766	-30.65	-13	Pass
698.9	699	0.03	/	2	698.982	-29.23	-13	Pass
699	702	0.03	/	/	/	/	/	/

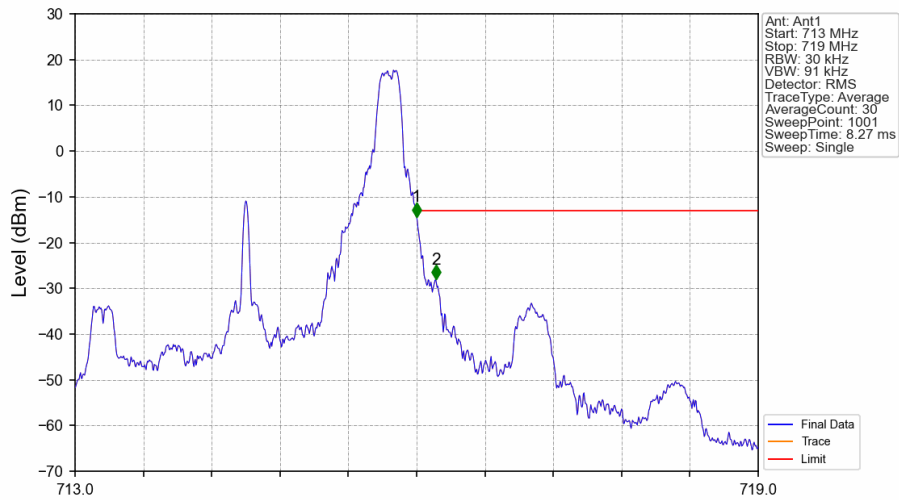
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	1	716.000	-14.39	-13	/
716	716.1	0.03	/	1	716.000	-14.39	-13	Pass
716.1	719	0.1	/	2	716.168	-28.09	-13	Pass