



Appendix E

1. Effective (Isotropic) Radiated Power Output Data

1.1 B12_1.4MHz_ERP

1.1.1 Test Result

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Limit	Verdict
		Size	Offset			
QPSK	699.7	1	0	22.63	≤ 34.77	Pass
			2	22.71	≤ 34.77	Pass
			5	22.54	≤ 34.77	Pass
		3	0	22.59	≤ 34.77	Pass
			2	22.60	≤ 34.77	Pass
			3	22.58	≤ 34.77	Pass
		6	0	21.68	≤ 34.77	Pass
	707.5	1	0	10.17	≤ 34.77	Pass
			2	22.77	≤ 34.77	Pass
			5	22.64	≤ 34.77	Pass
		3	0	22.65	≤ 34.77	Pass
			2	22.66	≤ 34.77	Pass
			3	22.61	≤ 34.77	Pass
		6	0	21.69	≤ 34.77	Pass
	715.3	1	0	22.55	≤ 34.77	Pass
			2	22.71	≤ 34.77	Pass
			5	22.48	≤ 34.77	Pass
		3	0	22.54	≤ 34.77	Pass
			2	22.53	≤ 34.77	Pass
			3	22.50	≤ 34.77	Pass
		6	0	21.65	≤ 34.77	Pass
16QAM	699.7	1	0	21.63	≤ 34.77	Pass
			2	21.75	≤ 34.77	Pass
			5	21.61	≤ 34.77	Pass
		3	0	21.87	≤ 34.77	Pass
			2	21.84	≤ 34.77	Pass
			3	21.85	≤ 34.77	Pass
		6	0	20.66	≤ 34.77	Pass
	707.5	1	0	21.62	≤ 34.77	Pass
			2	21.73	≤ 34.77	Pass
			5	21.62	≤ 34.77	Pass
		3	0	21.59	≤ 34.77	Pass
			2	21.58	≤ 34.77	Pass
			3	21.56	≤ 34.77	Pass
		6	0	20.53	≤ 34.77	Pass
	715.3	1	0	21.58	≤ 34.77	Pass
			2	21.67	≤ 34.77	Pass
			5	21.55	≤ 34.77	Pass
		3	0	21.76	≤ 34.77	Pass
			2	21.76	≤ 34.77	Pass
			3	21.73	≤ 34.77	Pass
		6	0	20.61	≤ 34.77	Pass

1.2 B12_3MHz_ERP

1.2.1 Test Result

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Limit	Verdict		
		Size	Offset					
QPSK	700.5	1	0	22.68	<=34.77	Pass		
			7	22.85	<=34.77	Pass		
			14	22.62	<=34.77	Pass		
		8	0	21.70	<=34.77	Pass		
			4	21.70	<=34.77	Pass		
			7	21.66	<=34.77	Pass		
		15	0	21.63	<=34.77	Pass		
		707.5	1	0	22.65	<=34.77	Pass	
				7	22.88	<=34.77	Pass	
	14			22.56	<=34.77	Pass		
	8		0	21.68	<=34.77	Pass		
			4	21.70	<=34.77	Pass		
			7	21.65	<=34.77	Pass		
	15		0	21.62	<=34.77	Pass		
	714.5		1	0	22.64	<=34.77	Pass	
				7	22.84	<=34.77	Pass	
		14		22.60	<=34.77	Pass		
		8	0	21.66	<=34.77	Pass		
			4	21.68	<=34.77	Pass		
			7	21.61	<=34.77	Pass		
		15	0	21.60	<=34.77	Pass		
		16QAM	700.5	1	0	21.73	<=34.77	Pass
					7	21.90	<=34.77	Pass
	14				21.70	<=34.77	Pass	
8	0			20.65	<=34.77	Pass		
	4			20.65	<=34.77	Pass		
	7			20.60	<=34.77	Pass		
15	0			20.62	<=34.77	Pass		
707.5	1			0	21.83	<=34.77	Pass	
				7	21.98	<=34.77	Pass	
			14	21.78	<=34.77	Pass		
	8		0	20.57	<=34.77	Pass		
			4	20.59	<=34.77	Pass		
			7	20.55	<=34.77	Pass		
	15		0	20.51	<=34.77	Pass		
	714.5		1	0	21.76	<=34.77	Pass	
				7	22.01	<=34.77	Pass	
14				21.69	<=34.77	Pass		
8			0	20.59	<=34.77	Pass		
			4	20.60	<=34.77	Pass		
			7	20.54	<=34.77	Pass		
15			0	20.58	<=34.77	Pass		

1.3 B12_5MHz_ERP

1.3.1 Test Result

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Limit	Verdict
		Size	Offset			
QPSK	701.5	1	0	22.67	<=34.77	Pass
			13	22.72	<=34.77	Pass
			24	22.61	<=34.77	Pass
		12	0	21.59	<=34.77	Pass

16QAM	707.5	25	6	21.68	<=34.77	Pass
			13	21.63	<=34.77	Pass
			0	21.65	<=34.77	Pass
		1	0	22.60	<=34.77	Pass
			13	22.64	<=34.77	Pass
			24	22.52	<=34.77	Pass
		12	0	21.64	<=34.77	Pass
			6	21.66	<=34.77	Pass
			13	21.59	<=34.77	Pass
		25	0	21.63	<=34.77	Pass
	713.5	1	0	22.55	<=34.77	Pass
			13	22.62	<=34.77	Pass
			24	22.53	<=34.77	Pass
		12	0	21.57	<=34.77	Pass
			6	21.65	<=34.77	Pass
			13	21.57	<=34.77	Pass
		25	0	21.62	<=34.77	Pass
	701.5	1	0	22.03	<=34.77	Pass
			13	22.11	<=34.77	Pass
			24	22.05	<=34.77	Pass
		12	0	20.64	<=34.77	Pass
			6	20.68	<=34.77	Pass
			13	20.64	<=34.77	Pass
		25	0	20.63	<=34.77	Pass
	707.5	1	0	21.82	<=34.77	Pass
			13	21.85	<=34.77	Pass
			24	21.73	<=34.77	Pass
		12	0	20.60	<=34.77	Pass
			6	20.66	<=34.77	Pass
			13	20.63	<=34.77	Pass
	713.5	1	0	21.63	<=34.77	Pass
			13	21.72	<=34.77	Pass
			24	21.42	<=34.77	Pass
		12	0	20.44	<=34.77	Pass
			6	20.51	<=34.77	Pass
			13	20.48	<=34.77	Pass
		25	0	20.53	<=34.77	Pass

1.4 B12_10MHz_ERP

1.4.1 Test Result

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Limit	Verdict
		Size	Offset			
QPSK	704	1	0	22.61	<=34.77	Pass
			25	22.78	<=34.77	Pass
			49	22.53	<=34.77	Pass
		25	0	21.64	<=34.77	Pass
			13	21.66	<=34.77	Pass
			25	21.67	<=34.77	Pass
	707.5	50	0	21.62	<=34.77	Pass
		1	0	22.61	<=34.77	Pass
			25	22.70	<=34.77	Pass
			49	22.51	<=34.77	Pass
		25	0	21.69	<=34.77	Pass
			13	21.65	<=34.77	Pass

			25	21.62	<=34.77	Pass
		50	0	21.64	<=34.77	Pass
	711	1	0	22.64	<=34.77	Pass
			25	22.75	<=34.77	Pass
			49	22.58	<=34.77	Pass
		25	0	21.68	<=34.77	Pass
			13	21.65	<=34.77	Pass
			25	21.61	<=34.77	Pass
		50	0	21.65	<=34.77	Pass
	16QAM	704	1	0	21.63	<=34.77
25				21.80	<=34.77	Pass
49				21.53	<=34.77	Pass
25			0	20.65	<=34.77	Pass
			13	20.65	<=34.77	Pass
			25	20.61	<=34.77	Pass
50		0	20.54	<=34.77	Pass	
707.5		1	0	21.76	<=34.77	Pass
			25	21.87	<=34.77	Pass
			49	21.71	<=34.77	Pass
		25	0	20.53	<=34.77	Pass
			13	20.53	<=34.77	Pass
			25	20.48	<=34.77	Pass
50		0	20.55	<=34.77	Pass	
711		1	0	21.76	<=34.77	Pass
			25	21.79	<=34.77	Pass
			49	21.66	<=34.77	Pass
		25	0	20.63	<=34.77	Pass
	13		20.60	<=34.77	Pass	
	25		20.58	<=34.77	Pass	
	50	0	20.56	<=34.77	Pass	

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	-6.223	-0.0089	-2.5 to 2.5	Pass
					3.85	-9.084	-0.0130	-2.5 to 2.5	Pass
					4.43	-3.691	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-4.578	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-9.084	-0.0130	-2.5 to 2.5	Pass
				-10	3.85	-8.340	-0.0119	-2.5 to 2.5	Pass
				0	3.85	-7.925	-0.0113	-2.5 to 2.5	Pass
				10	3.85	-6.151	-0.0088	-2.5 to 2.5	Pass
				30	3.85	-7.167	-0.0102	-2.5 to 2.5	Pass
				40	3.85	-8.025	-0.0115	-2.5 to 2.5	Pass
				50	3.85	-7.453	-0.0107	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-17.109	-0.0242	-2.5 to 2.5	Pass
					3.85	-16.494	-0.0233	-2.5 to 2.5	Pass
					4.43	-0.458	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-4.864	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-8.898	-0.0126	-2.5 to 2.5	Pass

				-10	3.85	-3.920	-0.0055	-2.5 to 2.5	Pass				
				0	3.85	-7.195	-0.0102	-2.5 to 2.5	Pass				
				10	3.85	-13.790	-0.0195	-2.5 to 2.5	Pass				
				30	3.85	-5.336	-0.0075	-2.5 to 2.5	Pass				
				40	3.85	-7.896	-0.0112	-2.5 to 2.5	Pass				
				50	3.85	-11.988	-0.0169	-2.5 to 2.5	Pass				
	715.3	6	0	20	3.27	-3.905	-0.0055	-2.5 to 2.5	Pass				
					3.85	-0.172	-0.0002	-2.5 to 2.5	Pass				
					4.43	-7.610	-0.0106	-2.5 to 2.5	Pass				
				-30	3.85	-6.337	-0.0089	-2.5 to 2.5	Pass				
				-20	3.85	-3.161	-0.0044	-2.5 to 2.5	Pass				
				-10	3.85	-9.856	-0.0138	-2.5 to 2.5	Pass				
				0	3.85	-4.005	-0.0056	-2.5 to 2.5	Pass				
				10	3.85	-7.567	-0.0106	-2.5 to 2.5	Pass				
				30	3.85	-8.068	-0.0113	-2.5 to 2.5	Pass				
				40	3.85	-7.410	-0.0104	-2.5 to 2.5	Pass				
				50	3.85	-8.483	-0.0119	-2.5 to 2.5	Pass				
				16QAM	699.7	6	0	20	3.27	-6.866	-0.0098	-2.5 to 2.5	Pass
									3.85	-7.567	-0.0108	-2.5 to 2.5	Pass
4.43	-3.576	-0.0051	-2.5 to 2.5						Pass				
-30	3.85	-9.899	-0.0141					-2.5 to 2.5	Pass				
-20	3.85	-6.895	-0.0099					-2.5 to 2.5	Pass				
-10	3.85	-4.992	-0.0071					-2.5 to 2.5	Pass				
0	3.85	-8.283	-0.0118					-2.5 to 2.5	Pass				
10	3.85	-0.443	-0.0006					-2.5 to 2.5	Pass				
30	3.85	-6.466	-0.0092					-2.5 to 2.5	Pass				
40	3.85	-4.849	-0.0069					-2.5 to 2.5	Pass				
50	3.85	-6.809	-0.0097					-2.5 to 2.5	Pass				
707.5	6	0	20					3.27	-6.623	-0.0094	-2.5 to 2.5	Pass	
								3.85	-2.389	-0.0034	-2.5 to 2.5	Pass	
					4.43	-9.570	-0.0135	-2.5 to 2.5	Pass				
			-30		3.85	-6.895	-0.0097	-2.5 to 2.5	Pass				
			-20		3.85	-4.921	-0.0070	-2.5 to 2.5	Pass				
			-10		3.85	-10.328	-0.0146	-2.5 to 2.5	Pass				
715.3	6	0	20		3.27	-4.506	-0.0063	-2.5 to 2.5	Pass				
					3.85	-7.524	-0.0105	-2.5 to 2.5	Pass				
				4.43	-7.353	-0.0103	-2.5 to 2.5	Pass					
			-30	3.85	-1.445	-0.0020	-2.5 to 2.5	Pass					
			-20	3.85	-4.878	-0.0068	-2.5 to 2.5	Pass					
			-10	3.85	-8.111	-0.0113	-2.5 to 2.5	Pass					
			0	3.85	-5.822	-0.0081	-2.5 to 2.5	Pass					
			10	3.85	-6.123	-0.0086	-2.5 to 2.5	Pass					
			30	3.85	-7.510	-0.0105	-2.5 to 2.5	Pass					
			40	3.85	-8.354	-0.0117	-2.5 to 2.5	Pass					
50	3.85	-4.106	-0.0057	-2.5 to 2.5	Pass								

2.2 B12_3MHz

2.2.1 Test Result

Band: 12 / Bandwidth: 3MHz							
Modulation	Frequency	RB Allocation	Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)	Verdict

	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	
QPSK	700.5	15	0	20	3.27	-1.674	-0.0024	-2.5 to 2.5	Pass
					3.85	-5.565	-0.0079	-2.5 to 2.5	Pass
					4.43	-4.849	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-5.622	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-7.439	-0.0106	-2.5 to 2.5	Pass
				-10	3.85	-4.878	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-6.924	-0.0099	-2.5 to 2.5	Pass
				10	3.85	-4.935	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-7.524	-0.0107	-2.5 to 2.5	Pass
				40	3.85	-10.071	-0.0144	-2.5 to 2.5	Pass
				50	3.85	-7.896	-0.0113	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-5.307	-0.0075	-2.5 to 2.5	Pass
					3.85	-7.181	-0.0101	-2.5 to 2.5	Pass
					4.43	-6.523	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-4.206	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-7.567	-0.0107	-2.5 to 2.5	Pass
				-10	3.85	-7.224	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-5.136	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-6.537	-0.0092	-2.5 to 2.5	Pass
				30	3.85	-8.311	-0.0117	-2.5 to 2.5	Pass
				40	3.85	-7.238	-0.0102	-2.5 to 2.5	Pass
				50	3.85	-2.661	-0.0038	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-8.154	-0.0114	-2.5 to 2.5	Pass
					3.85	-4.964	-0.0069	-2.5 to 2.5	Pass
					4.43	-9.613	-0.0135	-2.5 to 2.5	Pass
				-30	3.85	-7.253	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-4.506	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-9.456	-0.0132	-2.5 to 2.5	Pass
				0	3.85	-5.322	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-4.191	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-5.264	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-5.894	-0.0082	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.27	-9.770	-0.0139	-2.5 to 2.5	Pass
					3.85	-5.050	-0.0072	-2.5 to 2.5	Pass
					4.43	-2.503	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-7.768	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-4.764	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-7.482	-0.0107	-2.5 to 2.5	Pass
				0	3.85	-2.332	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-8.397	-0.0120	-2.5 to 2.5	Pass
				30	3.85	-6.523	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-6.251	-0.0089	-2.5 to 2.5	Pass
				50	3.85	-3.977	-0.0057	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-5.221	-0.0074	-2.5 to 2.5	Pass
					3.85	-3.948	-0.0056	-2.5 to 2.5	Pass
					4.43	-7.811	-0.0110	-2.5 to 2.5	Pass
				-30	3.85	-4.420	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-9.212	-0.0130	-2.5 to 2.5	Pass
				-10	3.85	-7.081	-0.0100	-2.5 to 2.5	Pass
				0	3.85	-5.951	-0.0084	-2.5 to 2.5	Pass
				10	3.85	-7.224	-0.0102	-2.5 to 2.5	Pass
				30	3.85	-11.673	-0.0165	-2.5 to 2.5	Pass
				40	3.85	-4.420	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-3.018	-0.0043	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-5.093	-0.0071	-2.5 to 2.5	Pass
					3.85	-5.121	-0.0072	-2.5 to 2.5	Pass
					4.43	-11.415	-0.0160	-2.5 to 2.5	Pass

				-30	3.85	-6.652	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-4.878	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-6.766	-0.0095	-2.5 to 2.5	Pass
				0	3.85	-3.047	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-5.908	-0.0083	-2.5 to 2.5	Pass
				30	3.85	-9.441	-0.0132	-2.5 to 2.5	Pass
				40	3.85	-4.091	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-8.326	-0.0117	-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	-6.752	-0.0096	-2.5 to 2.5	Pass
					3.85	-7.010	-0.0100	-2.5 to 2.5	Pass
					4.43	-7.067	-0.0101	-2.5 to 2.5	Pass
				-30	3.85	-6.166	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-4.435	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-7.982	-0.0114	-2.5 to 2.5	Pass
				0	3.85	-7.896	-0.0113	-2.5 to 2.5	Pass
				10	3.85	-6.967	-0.0099	-2.5 to 2.5	Pass
				30	3.85	-6.666	-0.0095	-2.5 to 2.5	Pass
				40	3.85	-6.151	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-4.921	-0.0070	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-5.364	-0.0076	-2.5 to 2.5	Pass
					3.85	-4.721	-0.0067	-2.5 to 2.5	Pass
					4.43	-6.652	-0.0094	-2.5 to 2.5	Pass
				-30	3.85	-4.091	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-5.050	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-4.292	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-7.796	-0.0110	-2.5 to 2.5	Pass
				10	3.85	-5.350	-0.0076	-2.5 to 2.5	Pass
				30	3.85	-6.323	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-7.267	-0.0103	-2.5 to 2.5	Pass
				50	3.85	-6.752	-0.0095	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-7.110	-0.0100	-2.5 to 2.5	Pass
					3.85	-7.653	-0.0107	-2.5 to 2.5	Pass
					4.43	-4.964	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-6.967	-0.0098	-2.5 to 2.5	Pass
				-20	3.85	-5.951	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-8.054	-0.0113	-2.5 to 2.5	Pass
				0	3.85	-7.939	-0.0111	-2.5 to 2.5	Pass
				10	3.85	-6.280	-0.0088	-2.5 to 2.5	Pass
				30	3.85	-8.397	-0.0118	-2.5 to 2.5	Pass
				40	3.85	-7.968	-0.0112	-2.5 to 2.5	Pass
				50	3.85	-7.653	-0.0107	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	-6.824	-0.0097	-2.5 to 2.5	Pass
					3.85	-9.112	-0.0130	-2.5 to 2.5	Pass
					4.43	-8.769	-0.0125	-2.5 to 2.5	Pass
				-30	3.85	-0.930	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-9.069	-0.0129	-2.5 to 2.5	Pass
				-10	3.85	-5.136	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-7.081	-0.0101	-2.5 to 2.5	Pass
				10	3.85	-9.141	-0.0130	-2.5 to 2.5	Pass

	707.5	25	0	30	3.85	-8.440	-0.0120	-2.5 to 2.5	Pass
				40	3.85	-5.665	-0.0081	-2.5 to 2.5	Pass
				50	3.85	-5.908	-0.0084	-2.5 to 2.5	Pass
				20	3.27	-6.094	-0.0086	-2.5 to 2.5	Pass
					3.85	-4.191	-0.0059	-2.5 to 2.5	Pass
					4.43	-5.350	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-4.678	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-4.778	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-2.847	-0.0040	-2.5 to 2.5	Pass
	713.5	25	0	0	3.85	-5.736	-0.0081	-2.5 to 2.5	Pass
				10	3.85	-2.332	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-5.765	-0.0081	-2.5 to 2.5	Pass
				40	3.85	-7.782	-0.0110	-2.5 to 2.5	Pass
				50	3.85	-2.632	-0.0037	-2.5 to 2.5	Pass
				20	3.27	-6.022	-0.0084	-2.5 to 2.5	Pass
					3.85	-6.251	-0.0088	-2.5 to 2.5	Pass
					4.43	-7.124	-0.0100	-2.5 to 2.5	Pass
				-30	3.85	-6.337	-0.0089	-2.5 to 2.5	Pass
				-20	3.85	-3.419	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-4.392	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-10.629	-0.0149	-2.5 to 2.5	Pass
				10	3.85	-8.926	-0.0125	-2.5 to 2.5	Pass
				30	3.85	-3.362	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-2.403	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-4.063	-0.0057	-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	-6.123	-0.0087	-2.5 to 2.5	Pass
					3.85	-5.364	-0.0076	-2.5 to 2.5	Pass
					4.43	-6.781	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-7.195	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-6.380	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-5.450	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-5.579	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-6.137	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-3.963	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-4.091	-0.0058	-2.5 to 2.5	Pass
				50	3.85	-5.951	-0.0085	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-6.266	-0.0089	-2.5 to 2.5	Pass
					3.85	-5.393	-0.0076	-2.5 to 2.5	Pass
					4.43	-6.852	-0.0097	-2.5 to 2.5	Pass
				-30	3.85	-5.822	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-4.392	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-11.258	-0.0159	-2.5 to 2.5	Pass
				0	3.85	-9.041	-0.0128	-2.5 to 2.5	Pass
				10	3.85	-3.719	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-4.621	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-11.702	-0.0165	-2.5 to 2.5	Pass
				50	3.85	-5.050	-0.0071	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-6.323	-0.0089	-2.5 to 2.5	Pass
					3.85	-5.536	-0.0078	-2.5 to 2.5	Pass

					4.43	-7.010	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-6.938	-0.0098	-2.5 to 2.5	Pass
				-20	3.85	-8.526	-0.0120	-2.5 to 2.5	Pass
				-10	3.85	-8.969	-0.0126	-2.5 to 2.5	Pass
				0	3.85	-5.164	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-6.695	-0.0094	-2.5 to 2.5	Pass
				30	3.85	-4.520	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-6.237	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-6.595	-0.0093	-2.5 to 2.5	Pass
16QAM	704	50	0	20	3.27	-7.367	-0.0105	-2.5 to 2.5	Pass
					3.85	-7.238	-0.0103	-2.5 to 2.5	Pass
					4.43	-7.024	-0.0100	-2.5 to 2.5	Pass
				-30	3.85	-6.695	-0.0095	-2.5 to 2.5	Pass
				-20	3.85	-3.705	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-3.977	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-9.127	-0.0130	-2.5 to 2.5	Pass
				10	3.85	-6.394	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-3.920	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-4.134	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-9.685	-0.0138	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-6.094	-0.0086	-2.5 to 2.5	Pass
					3.85	-6.838	-0.0097	-2.5 to 2.5	Pass
					4.43	-5.922	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	-2.861	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-6.552	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-3.648	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-7.882	-0.0111	-2.5 to 2.5	Pass
				10	3.85	-6.852	-0.0097	-2.5 to 2.5	Pass
				30	3.85	-8.011	-0.0113	-2.5 to 2.5	Pass
				40	3.85	-3.934	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-4.134	-0.0058	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-5.150	-0.0072	-2.5 to 2.5	Pass
					3.85	-4.706	-0.0066	-2.5 to 2.5	Pass
					4.43	-4.663	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-4.892	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-5.093	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-8.626	-0.0121	-2.5 to 2.5	Pass
				0	3.85	-5.193	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-2.275	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-1.516	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-6.981	-0.0098	-2.5 to 2.5	Pass
				50	3.85	-5.035	-0.0071	-2.5 to 2.5	Pass

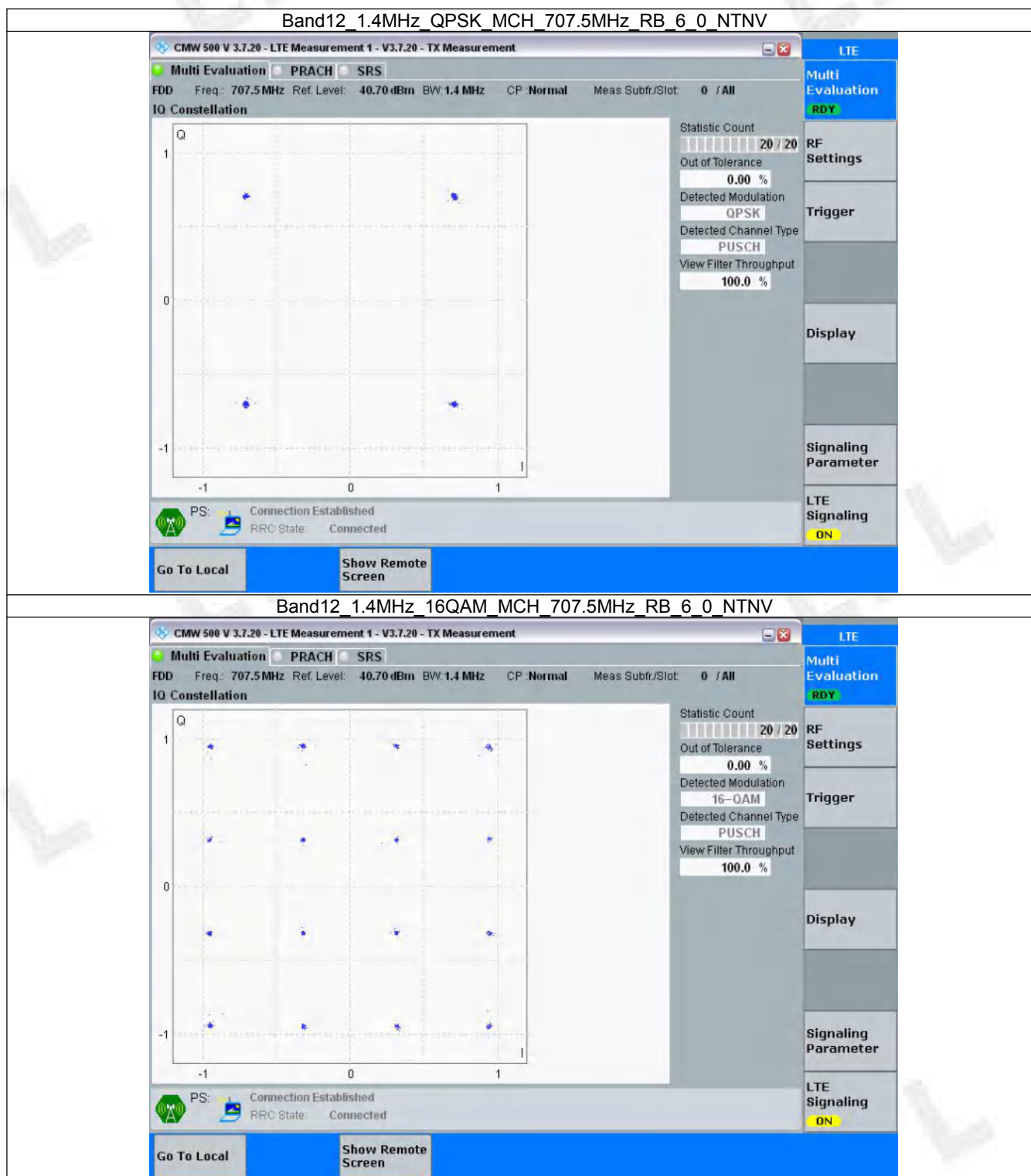
3. Modulation Characteristics

3.1 B12_1.4MHz

3.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTNV						
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

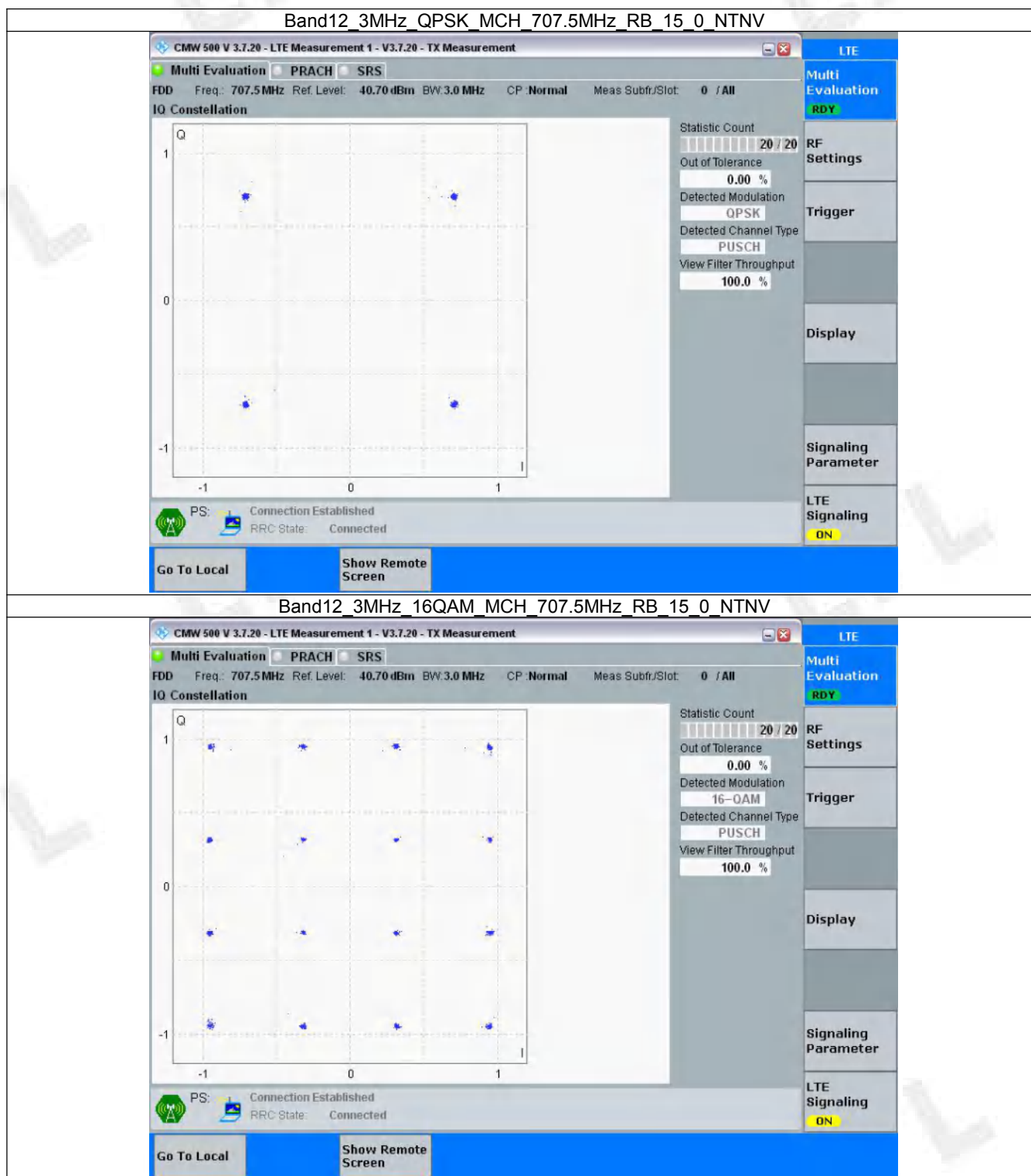


3.2 B12_3MHz

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

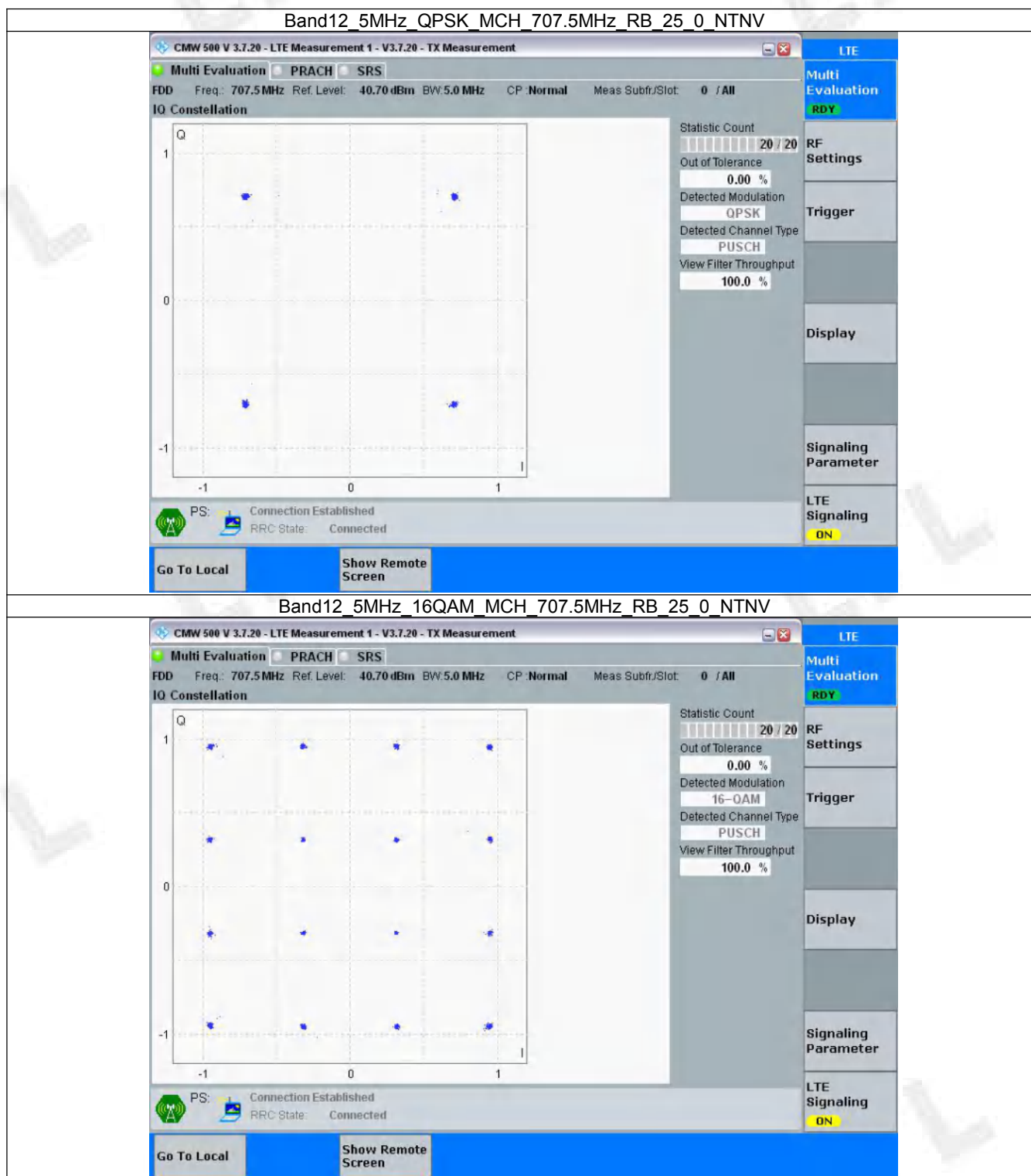


3.3 B12_5MHz

3.3.1 Test Result

Band: 12 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		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

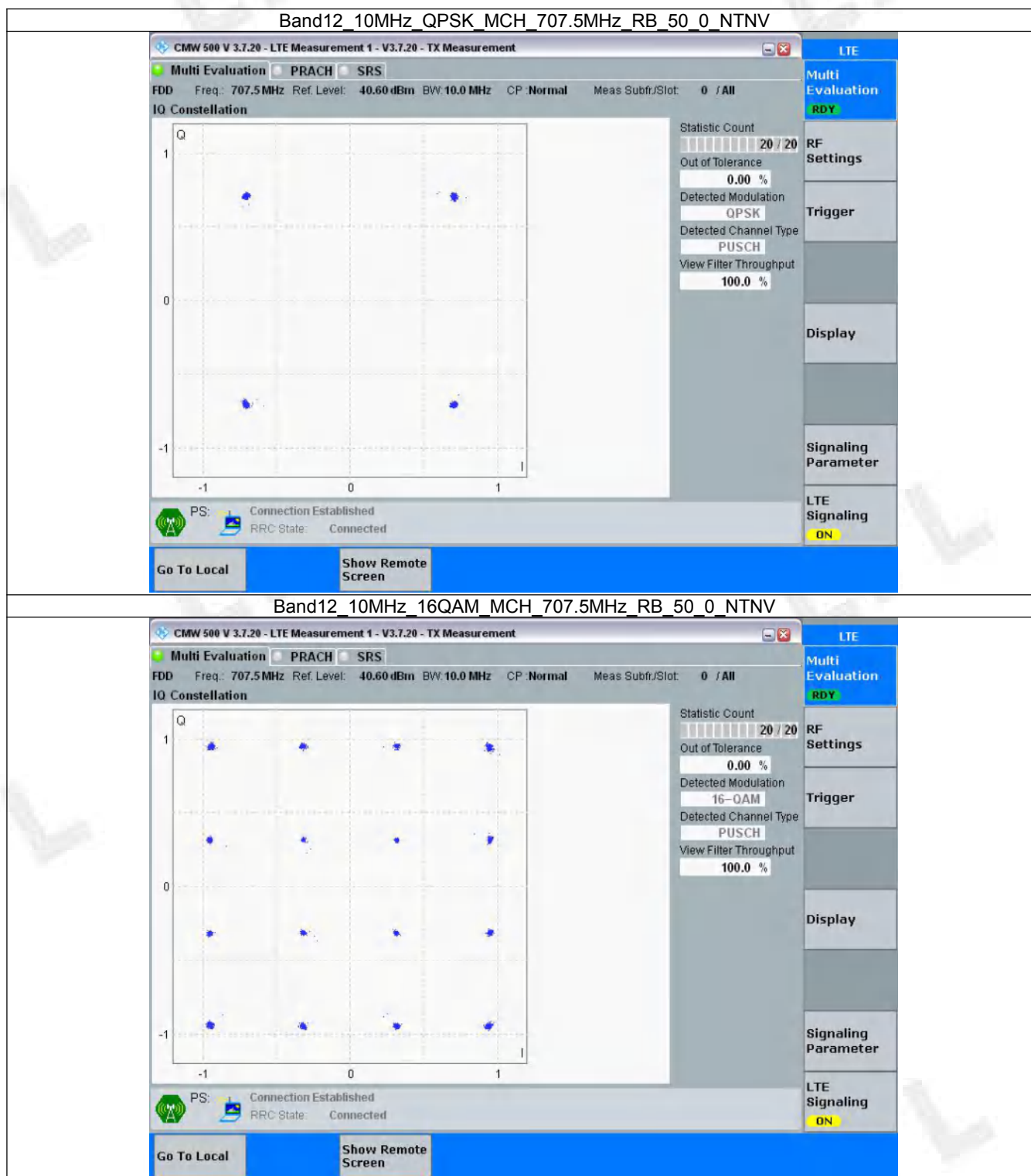


3.4 B12_10MHz

3.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		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



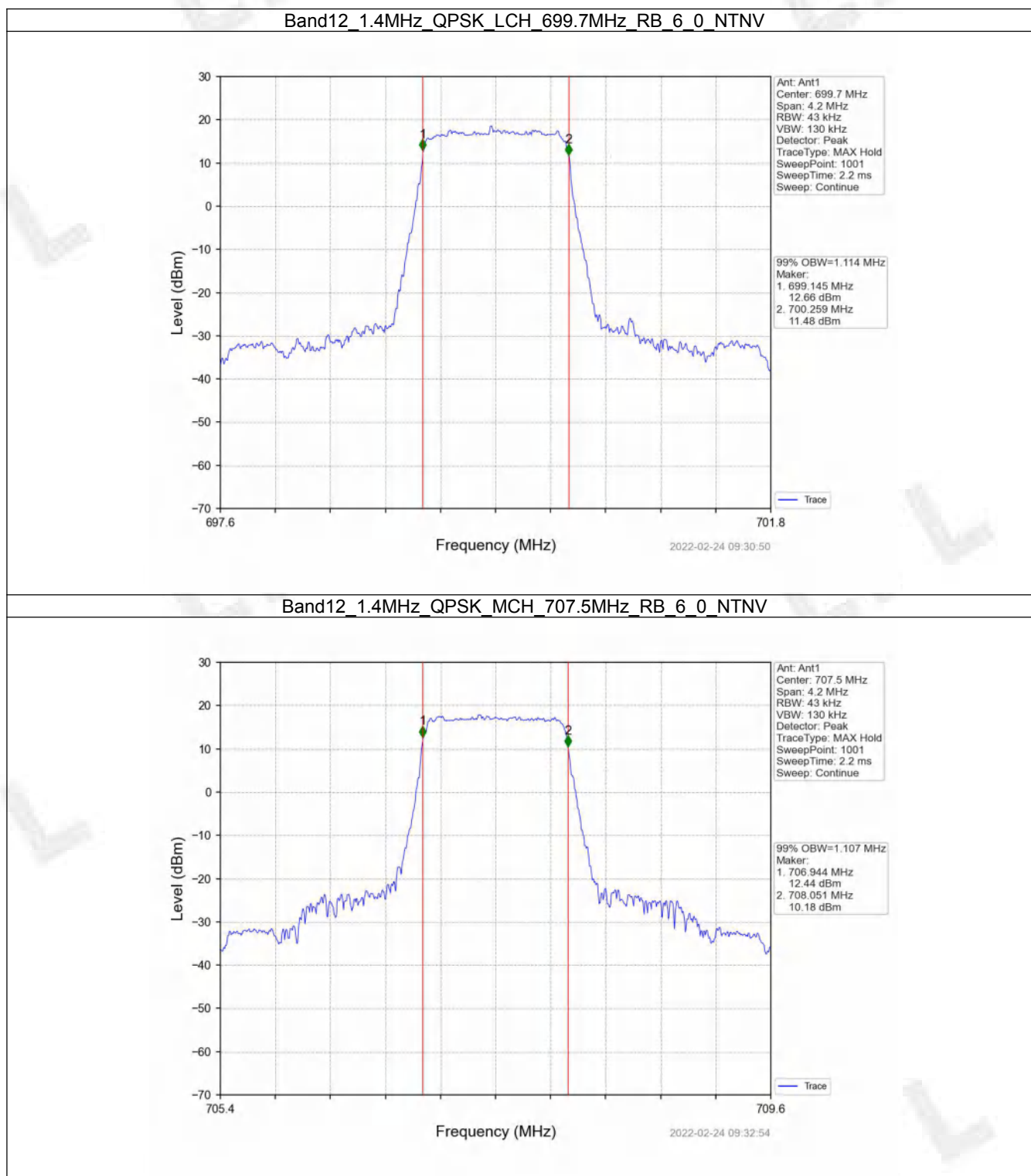
4. 99% & 26dB Bandwidth

4.1 Band12_OBW

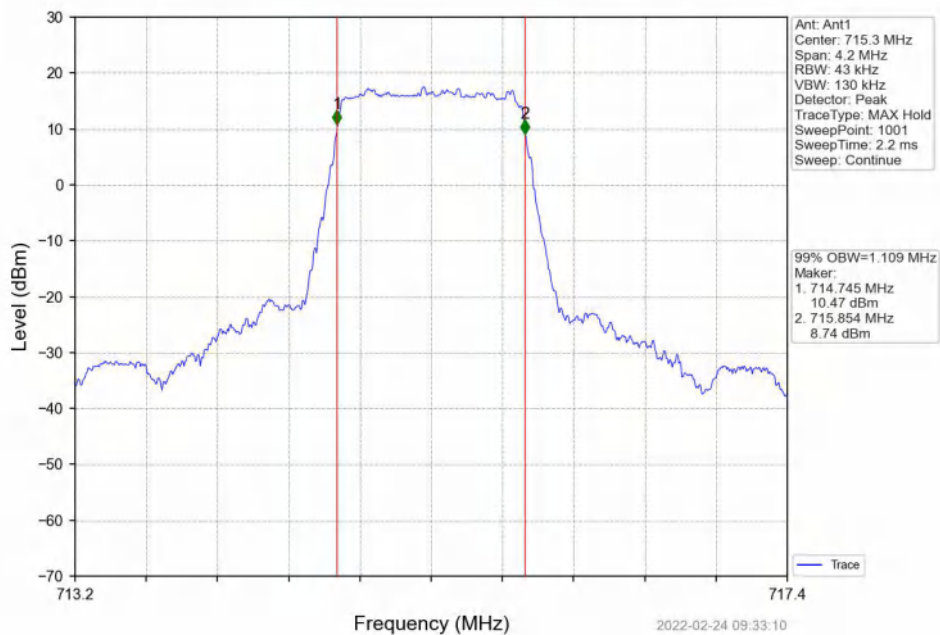
4.1.1 Test Result

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	1.114	Pass
		707.5	6	0	1.107	Pass
		715.3	6	0	1.109	Pass
	16QAM	699.7	6	0	1.110	Pass
		707.5	6	0	1.115	Pass
		715.3	6	0	1.107	Pass
3	QPSK	700.5	15	0	2.731	Pass
		707.5	15	0	2.732	Pass
		714.5	15	0	2.728	Pass
	16QAM	700.5	15	0	2.718	Pass
		707.5	15	0	2.724	Pass
		714.5	15	0	2.721	Pass
5	QPSK	701.5	25	0	4.563	Pass
		707.5	25	0	4.588	Pass
		713.5	25	0	4.571	Pass
	16QAM	701.5	25	0	4.579	Pass
		707.5	25	0	4.576	Pass
		713.5	25	0	4.583	Pass
10	QPSK	704	50	0	9.097	Pass
		707.5	50	0	9.115	Pass
		711	50	0	9.122	Pass
	16QAM	704	50	0	9.069	Pass
		707.5	50	0	9.091	Pass
		711	50	0	9.072	Pass

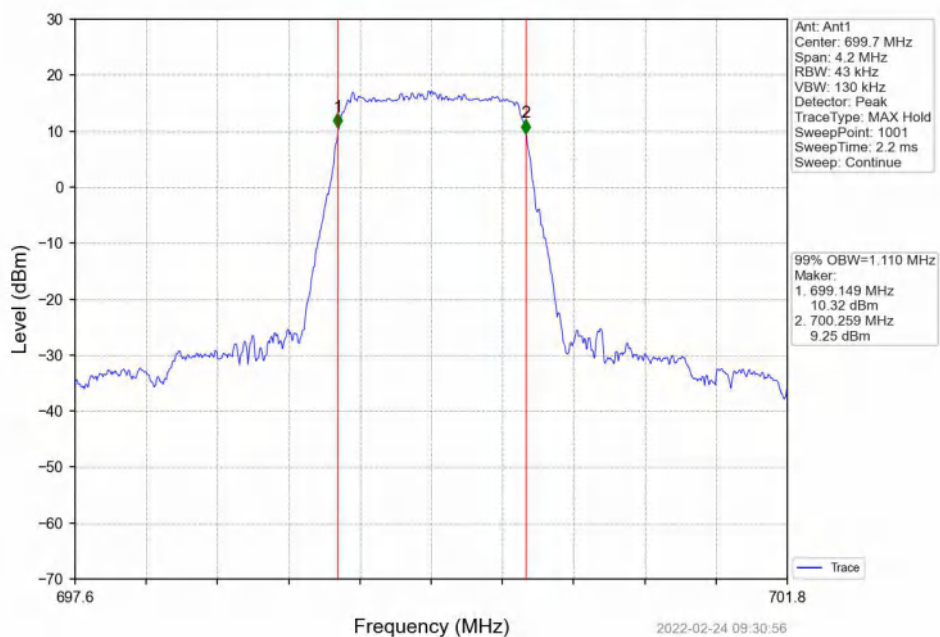
4.1.2 Test Graph



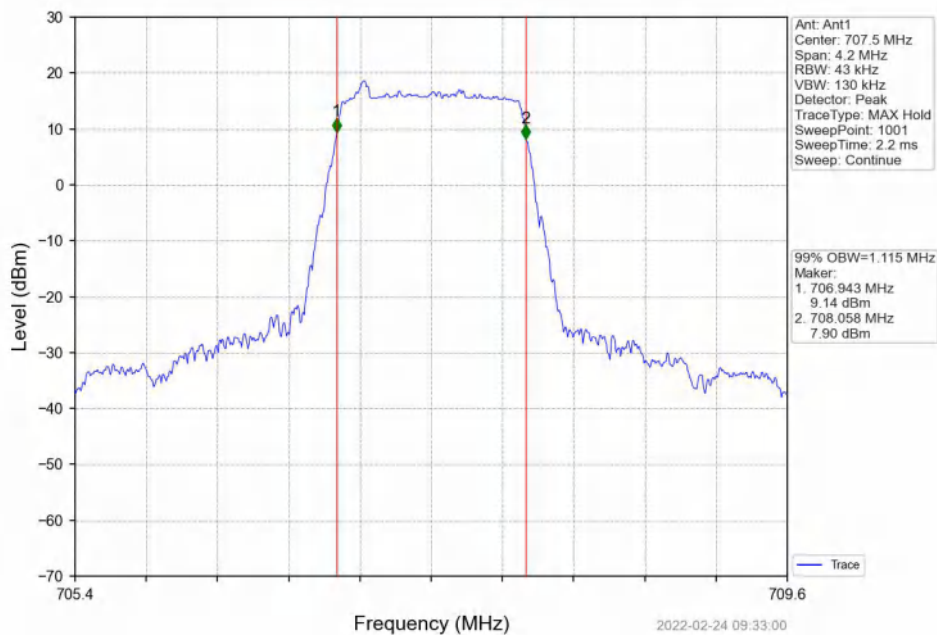
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



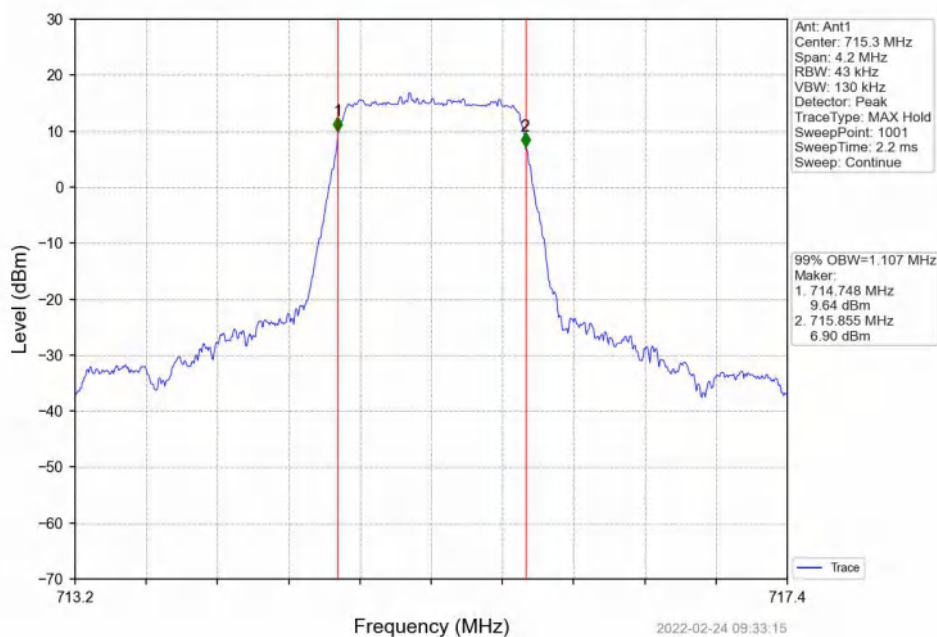
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



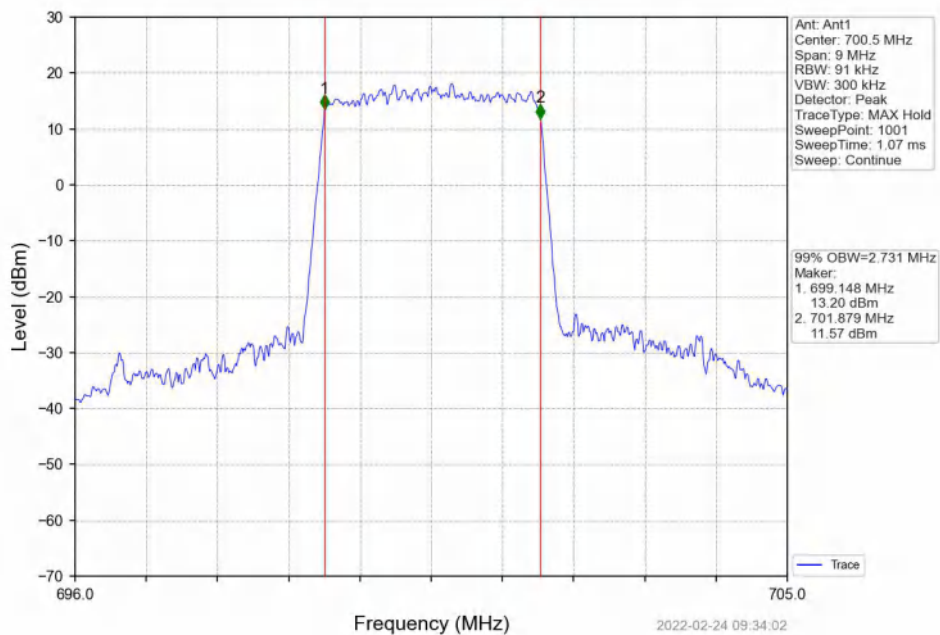
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



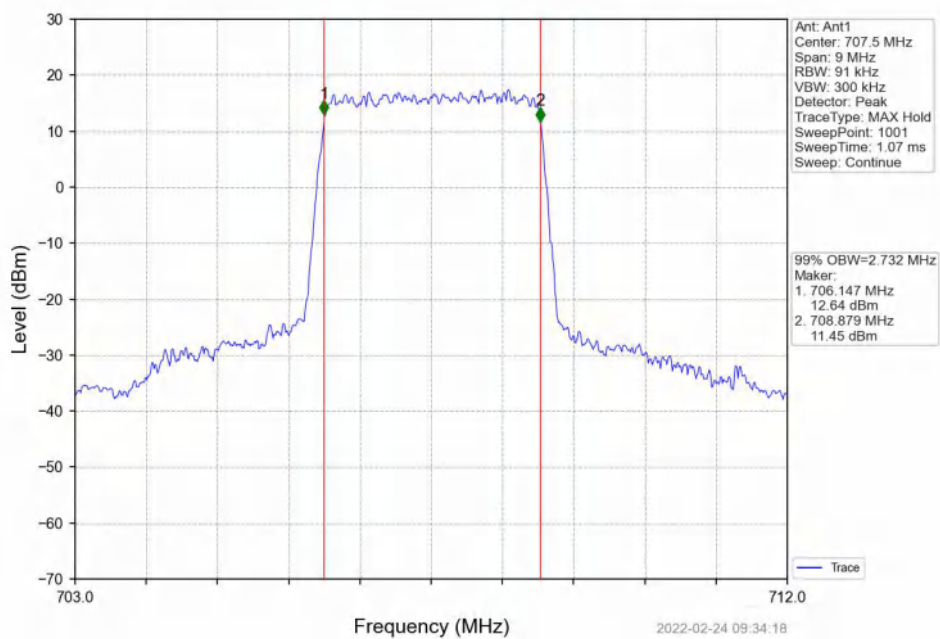
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



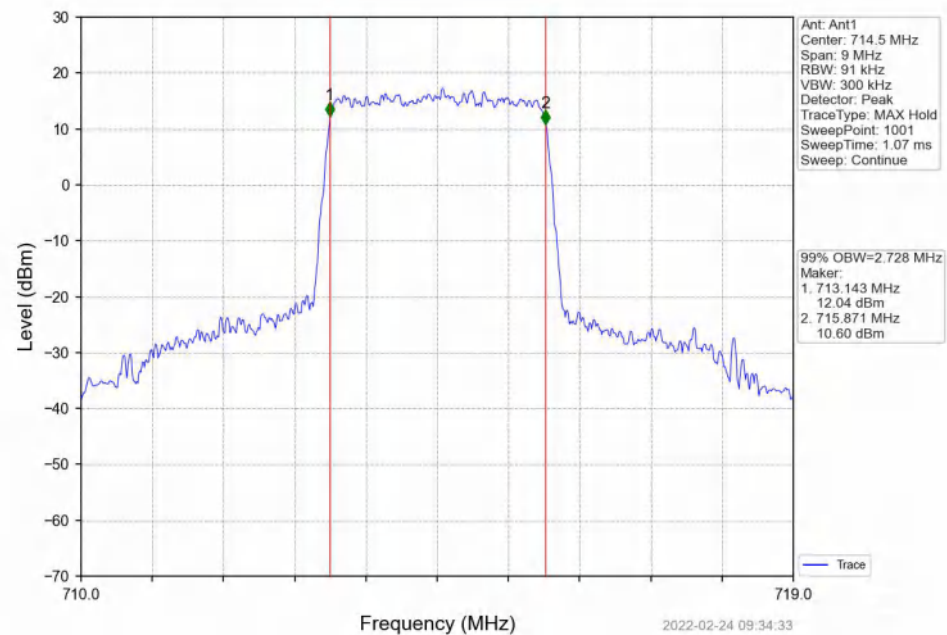
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



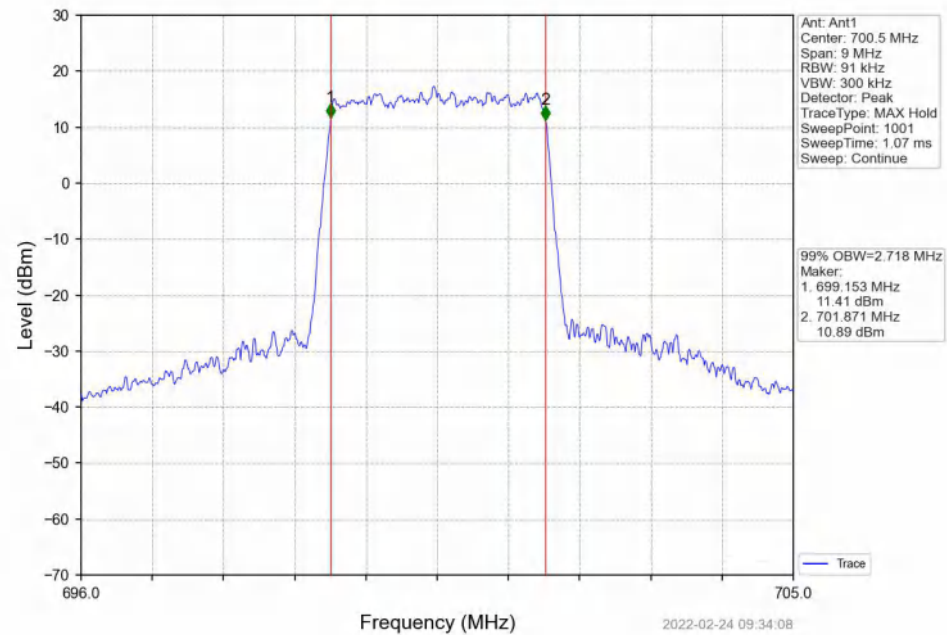
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



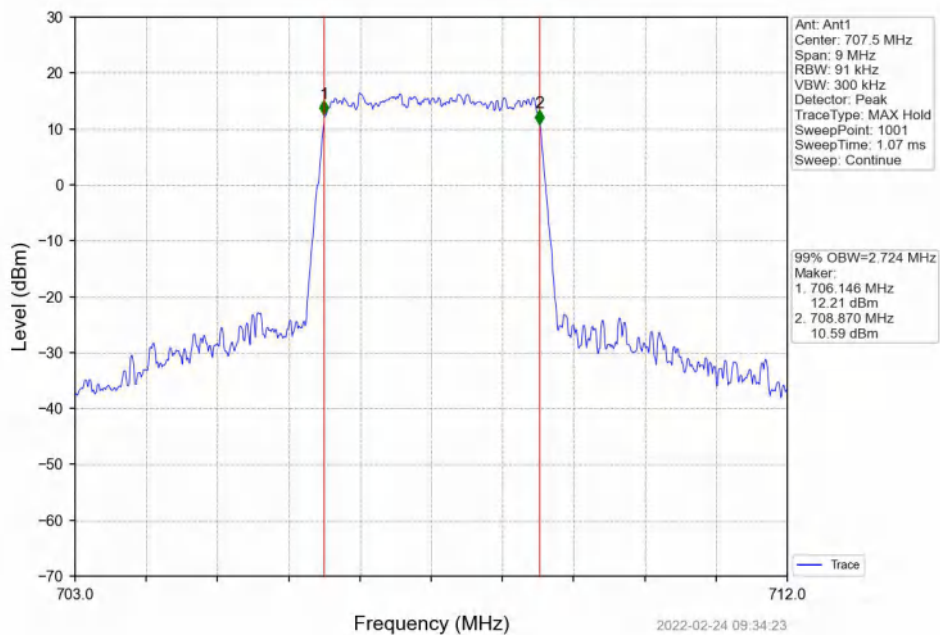
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



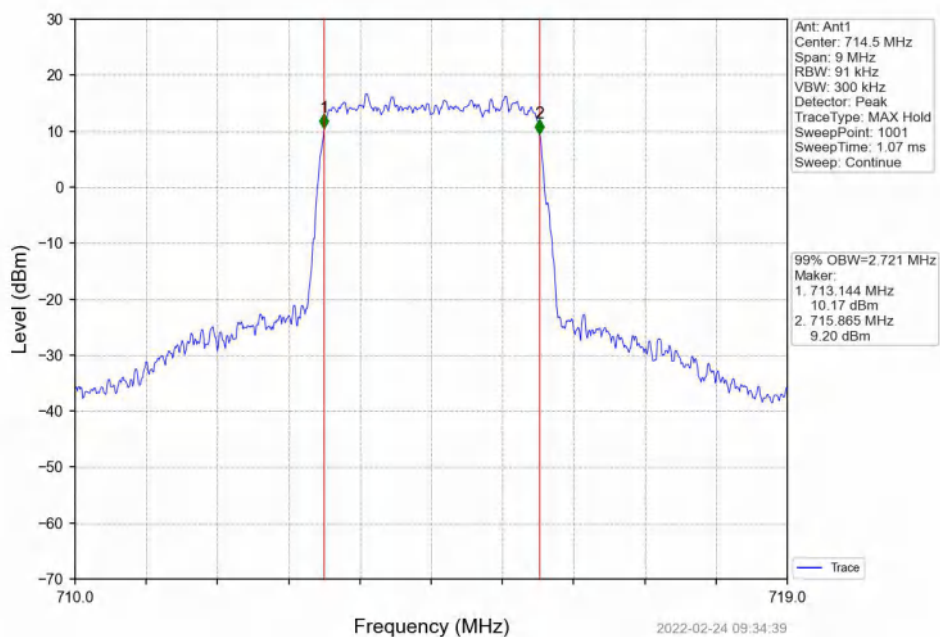
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



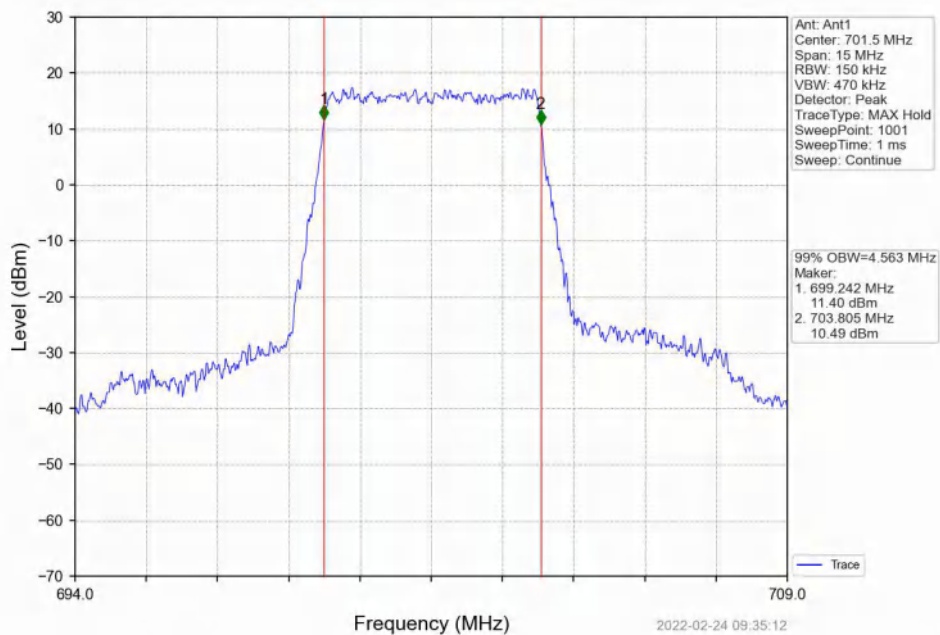
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



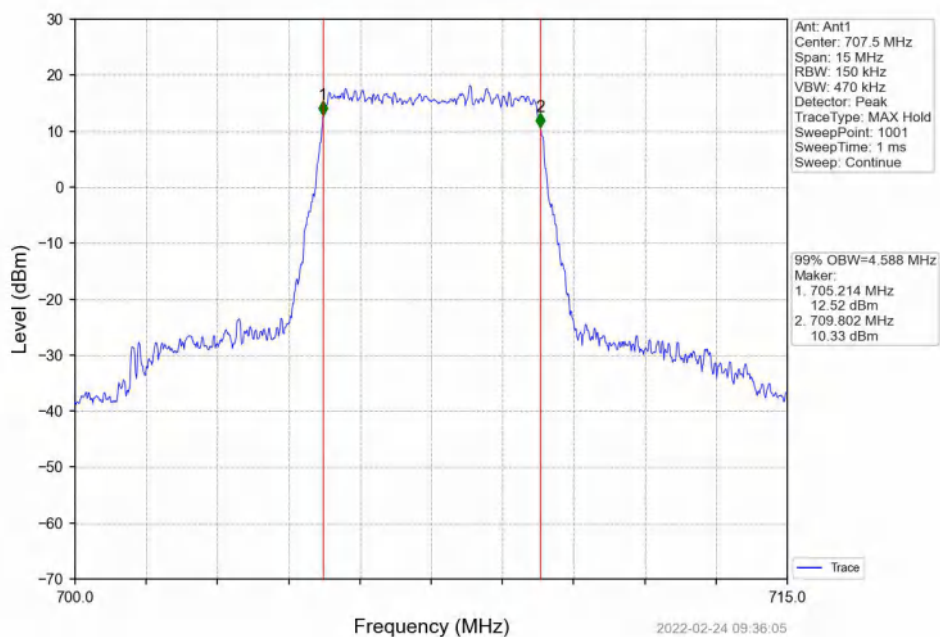
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



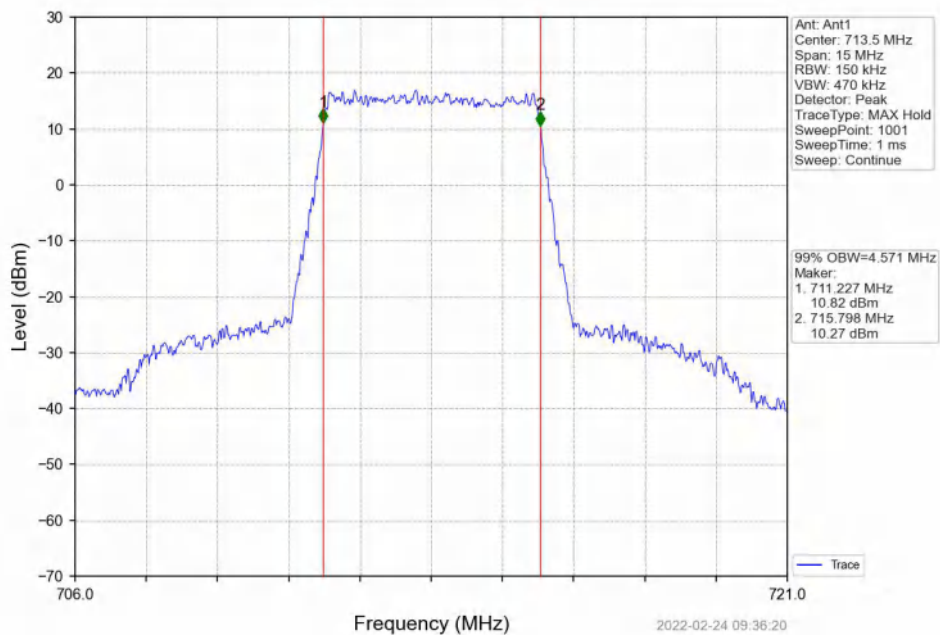
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



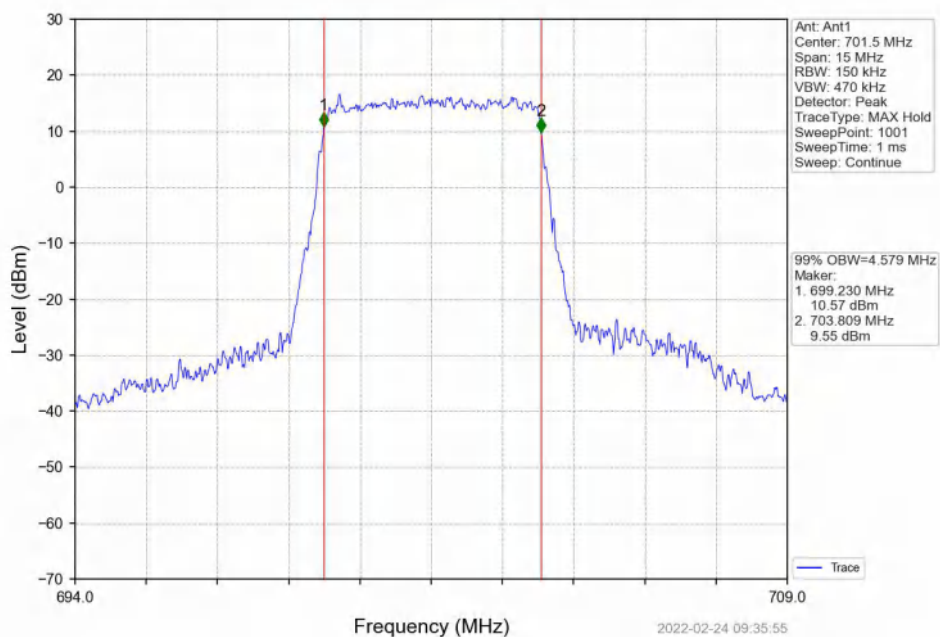
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



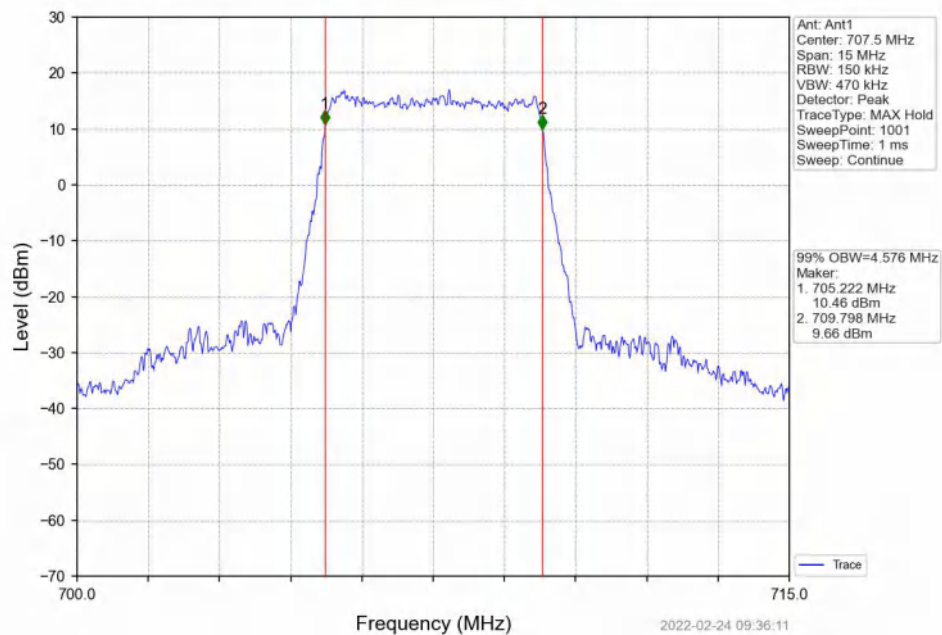
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



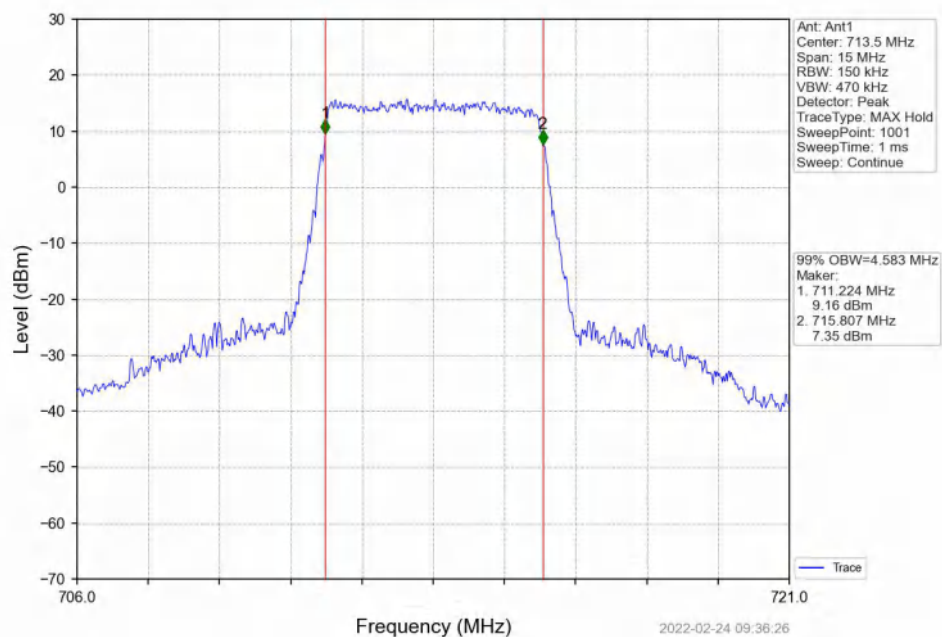
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



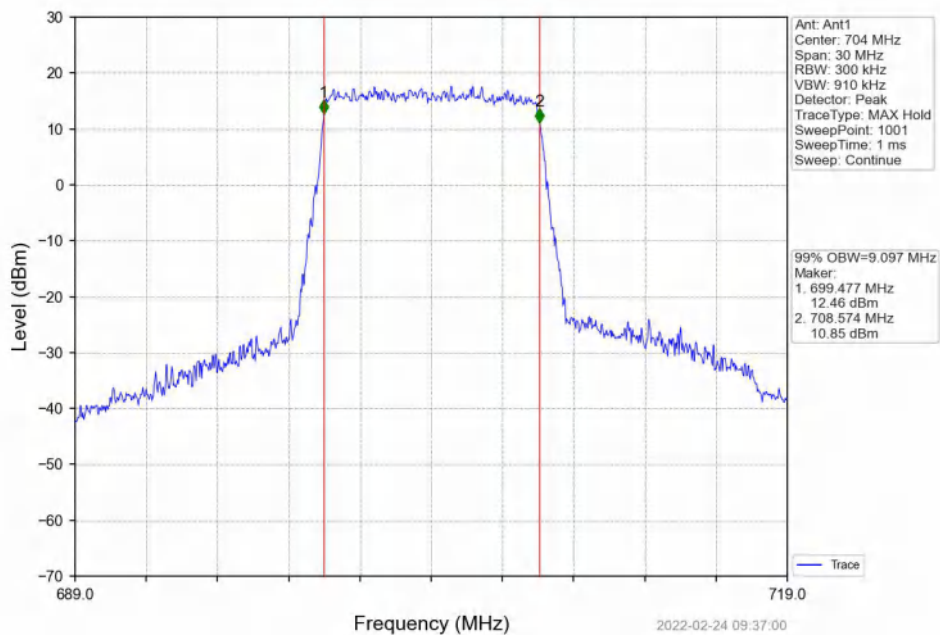
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



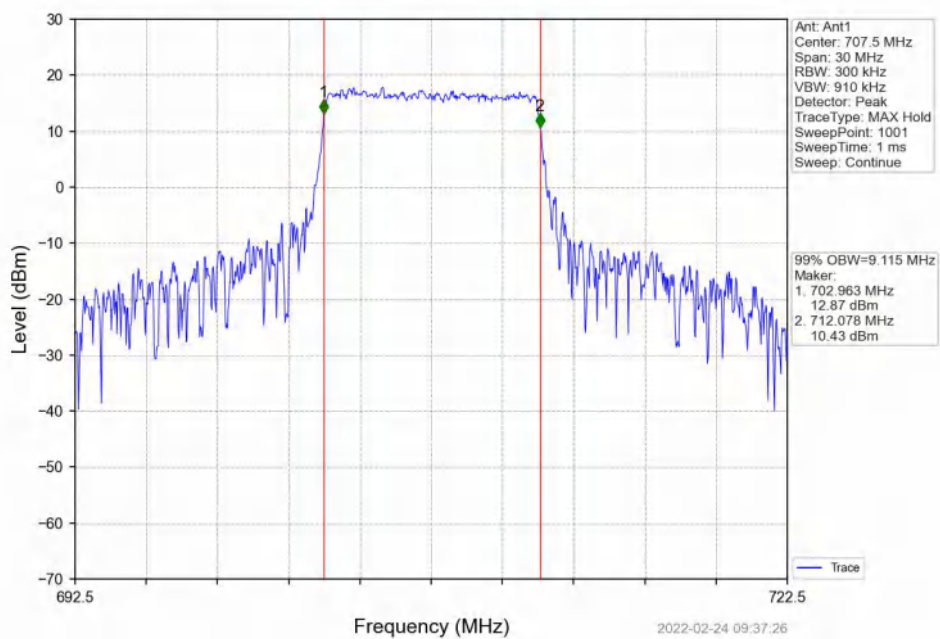
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



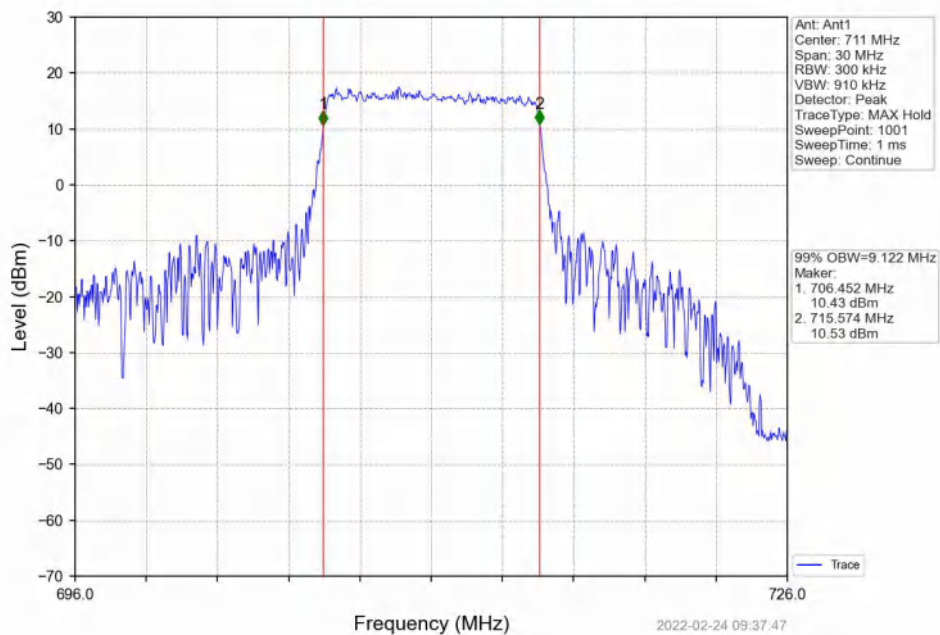
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



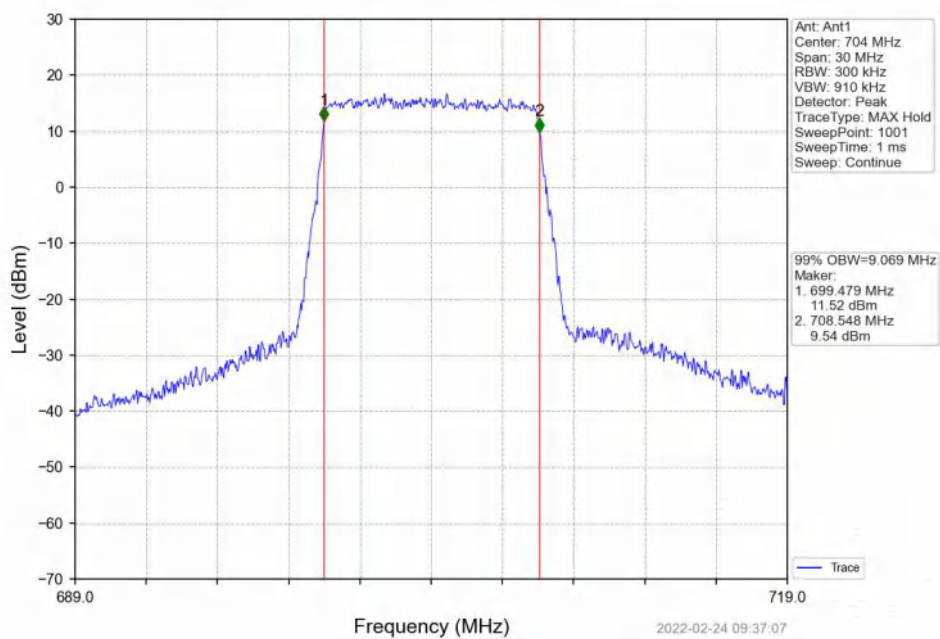
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



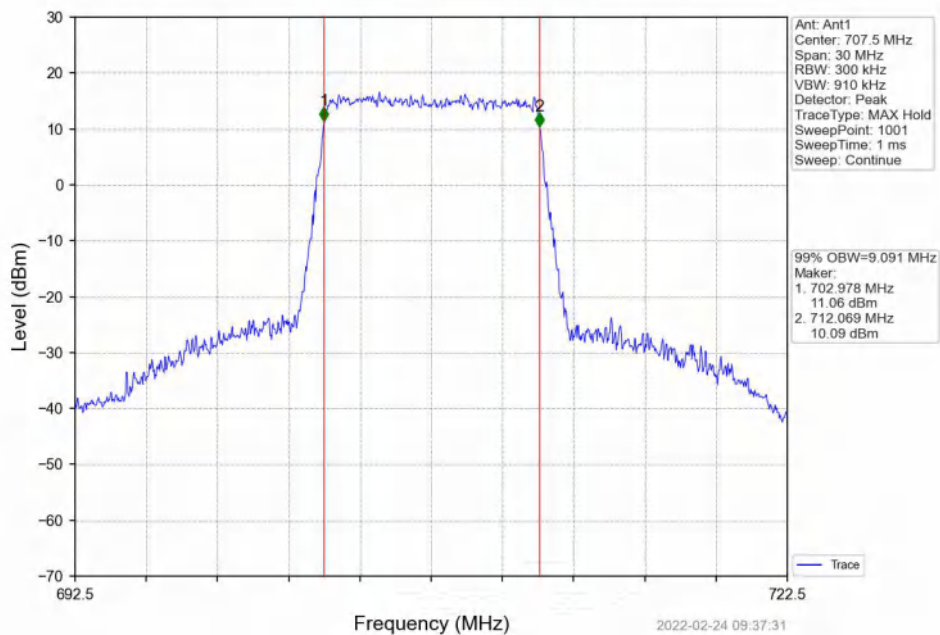
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



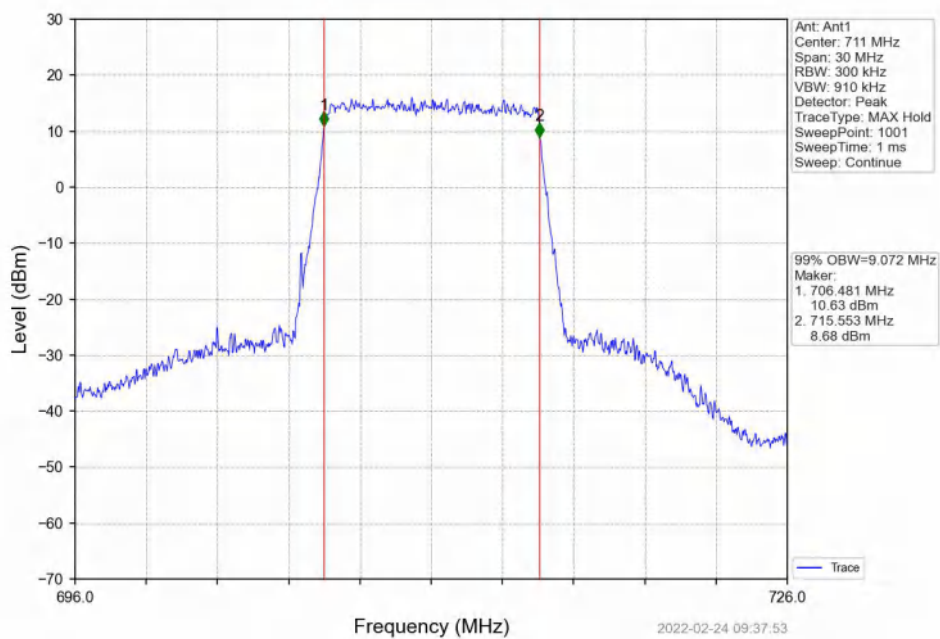
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

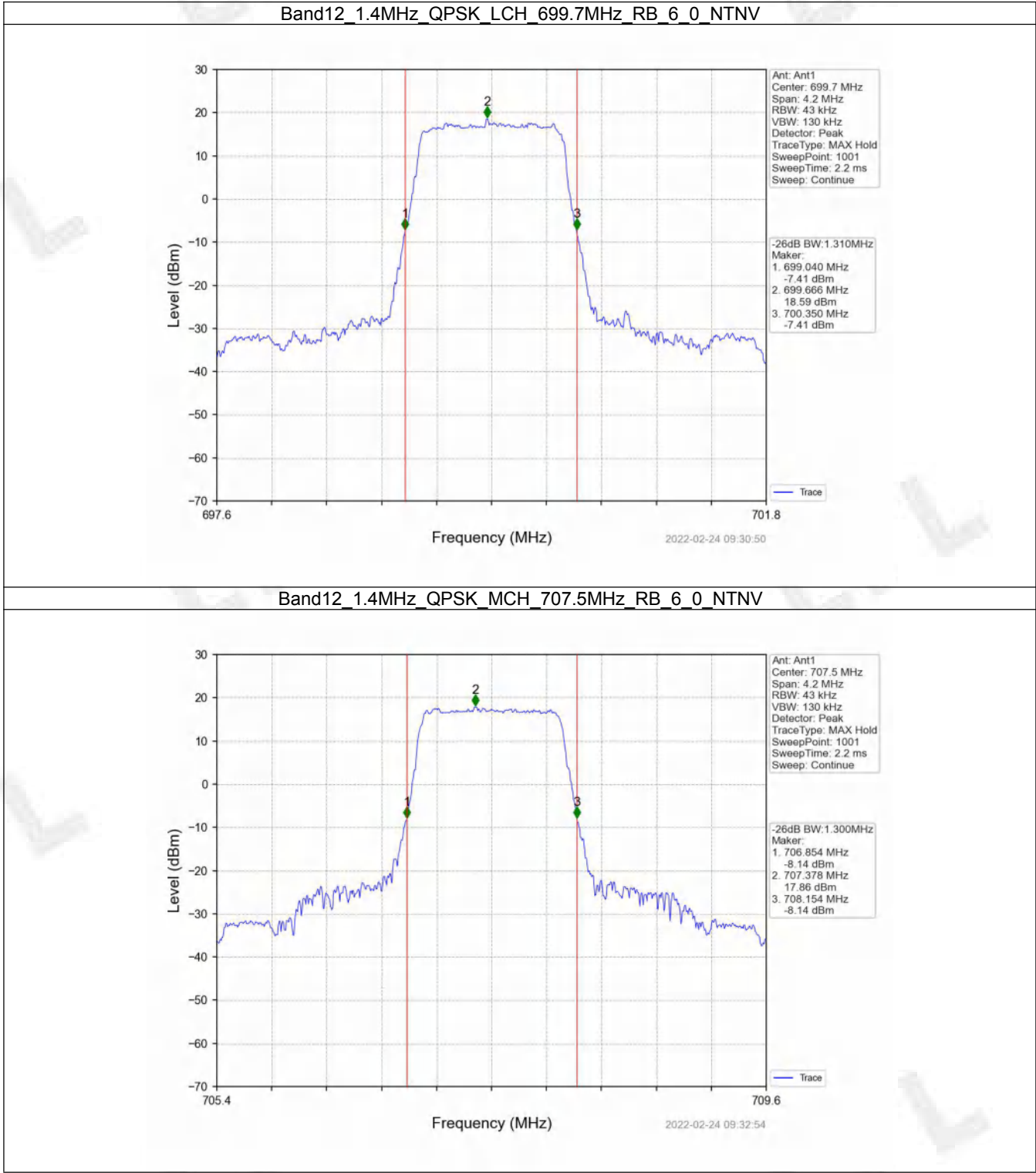


4.2 Band12_XDB

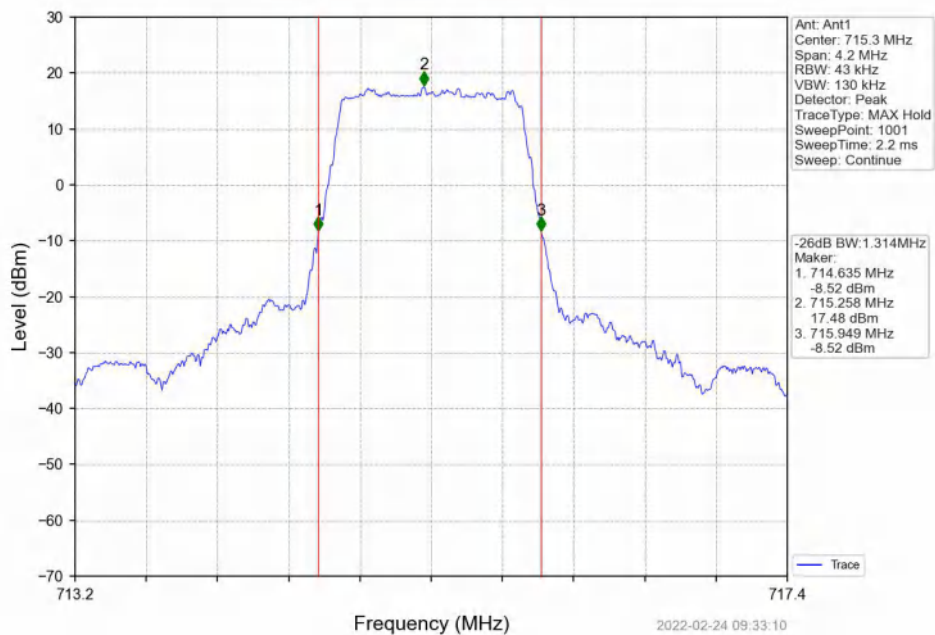
4.2.1 Test Result

Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.310	Pass
		707.5	6	0	1.300	Pass
		715.3	6	0	1.314	Pass
	16QAM	699.7	6	0	1.322	Pass
		707.5	6	0	1.330	Pass
		715.3	6	0	1.325	Pass
3	QPSK	700.5	15	0	2.988	Pass
		707.5	15	0	2.994	Pass
		714.5	15	0	3.004	Pass
	16QAM	700.5	15	0	2.984	Pass
		707.5	15	0	3.000	Pass
		714.5	15	0	3.011	Pass
5	QPSK	701.5	25	0	5.274	Pass
		707.5	25	0	5.311	Pass
		713.5	25	0	5.255	Pass
	16QAM	701.5	25	0	5.195	Pass
		707.5	25	0	5.263	Pass
		713.5	25	0	5.307	Pass
10	QPSK	704	50	0	10.290	Pass
		707.5	50	0	12.007	Pass
		711	50	0	12.455	Pass
	16QAM	704	50	0	10.279	Pass
		707.5	50	0	10.187	Pass
		711	50	0	10.212	Pass

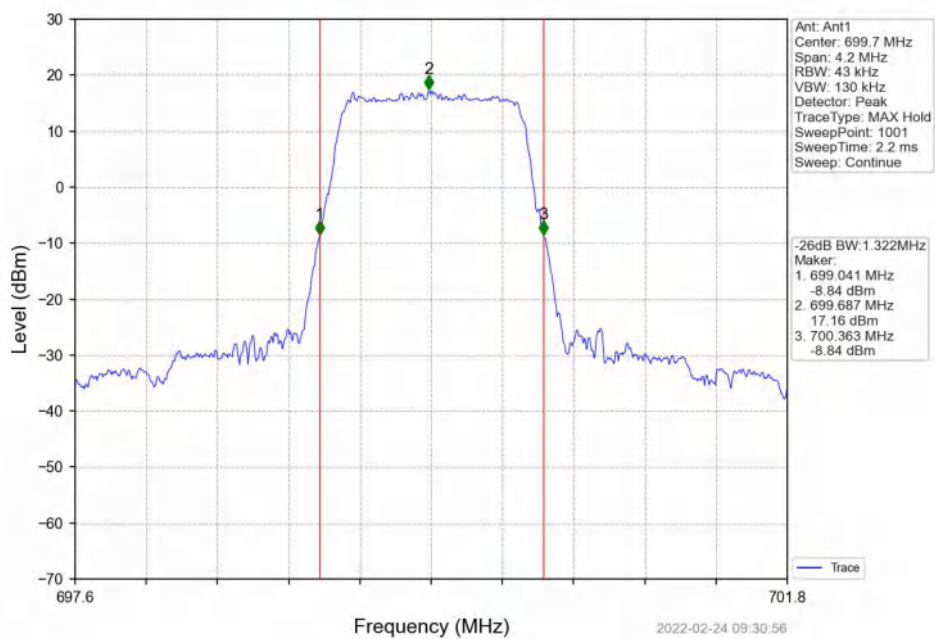
4.2.2 Test Graph



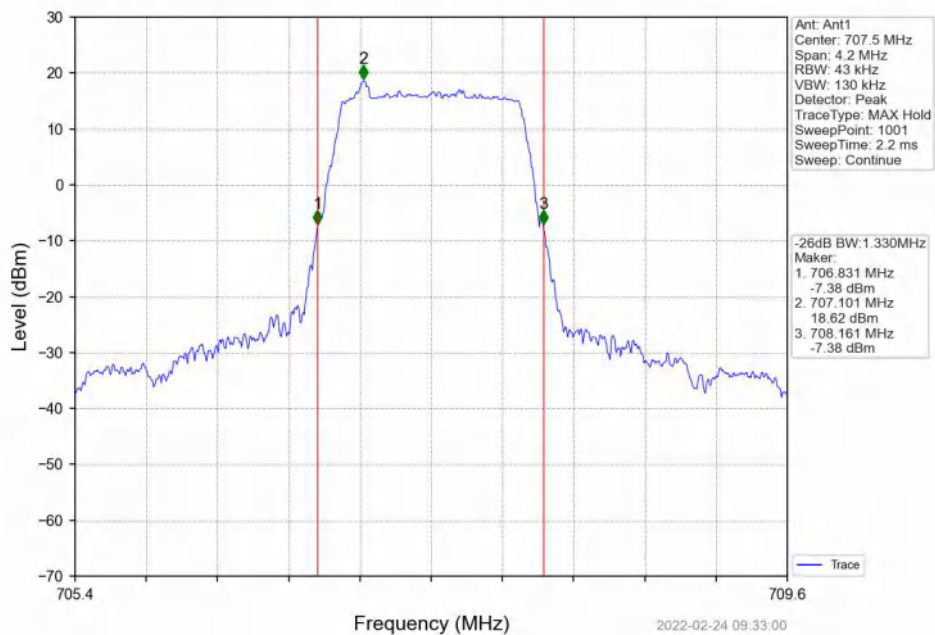
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



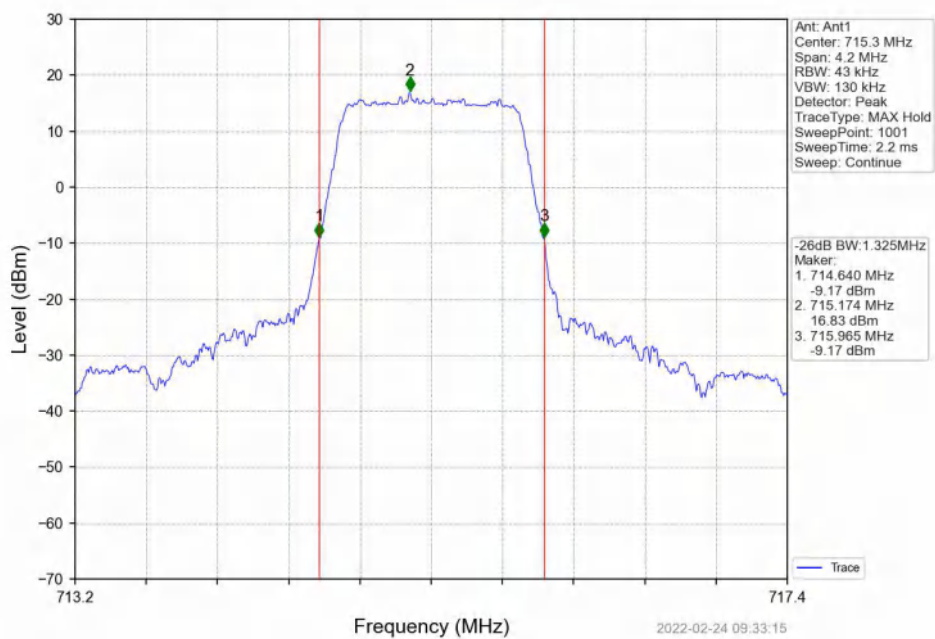
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



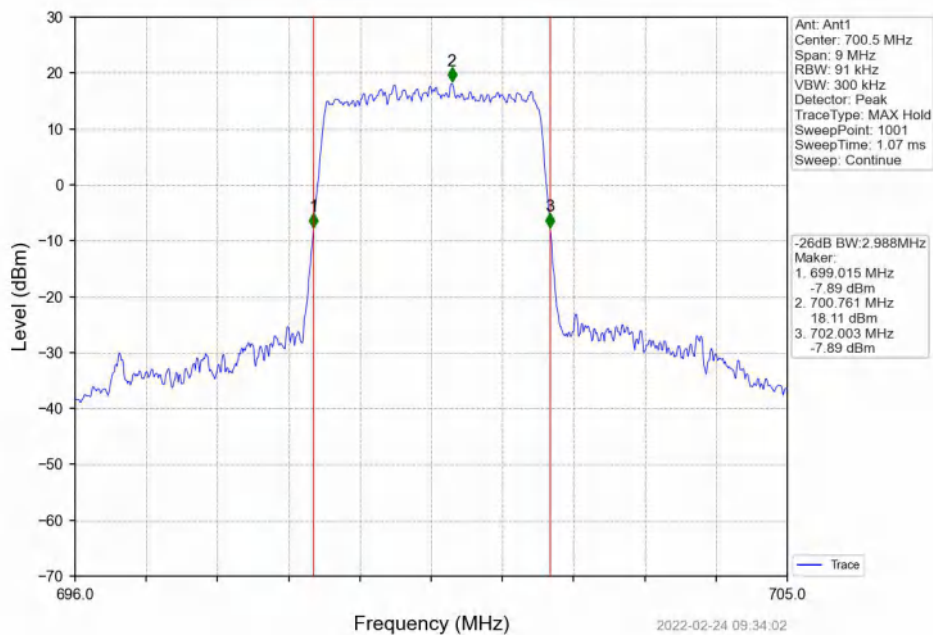
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



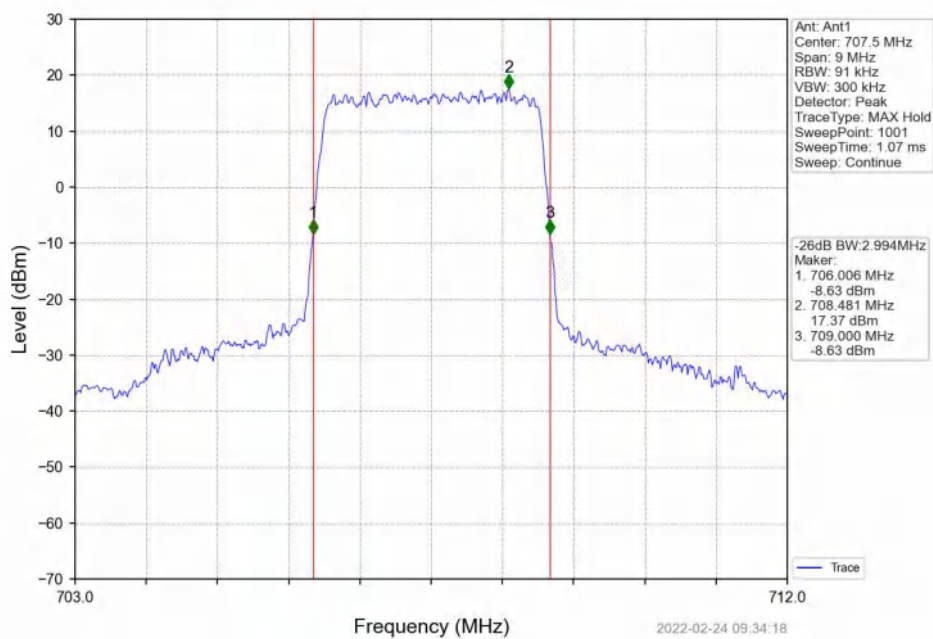
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



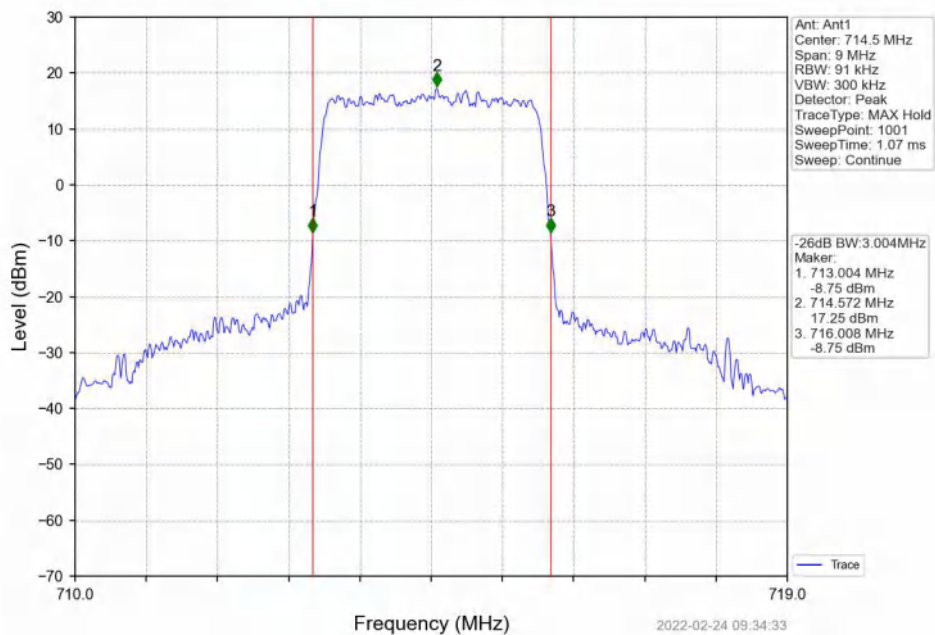
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



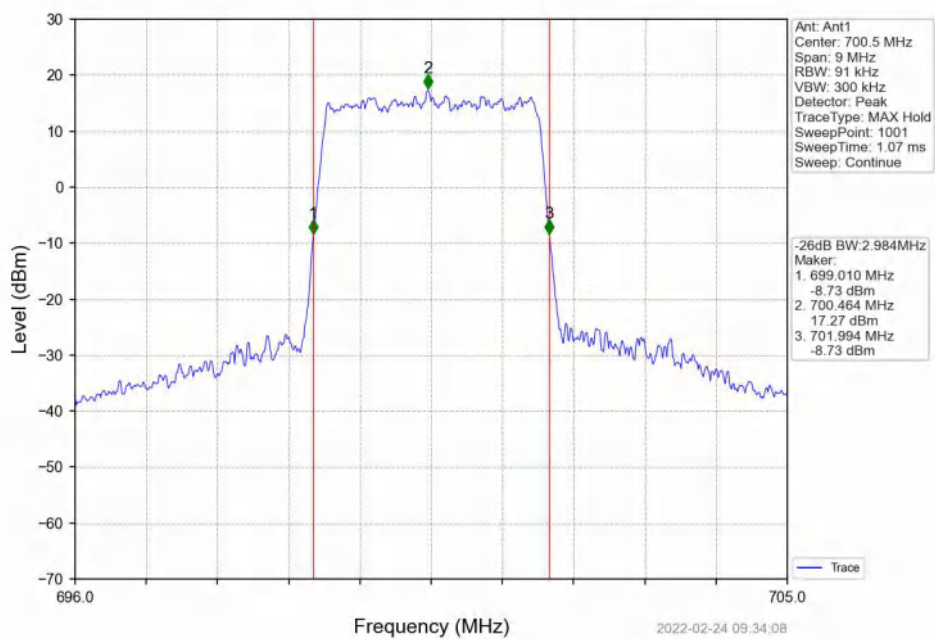
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



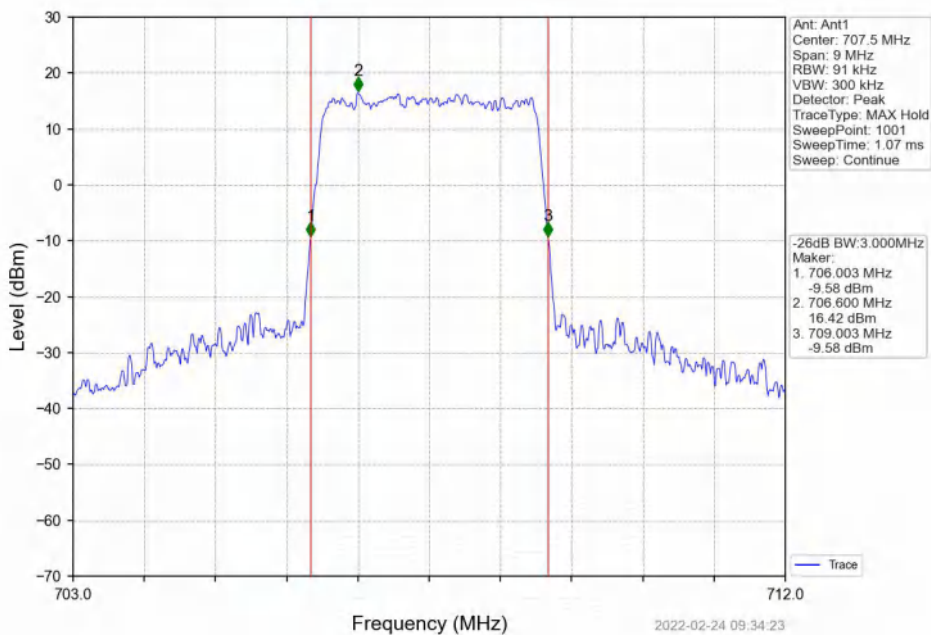
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



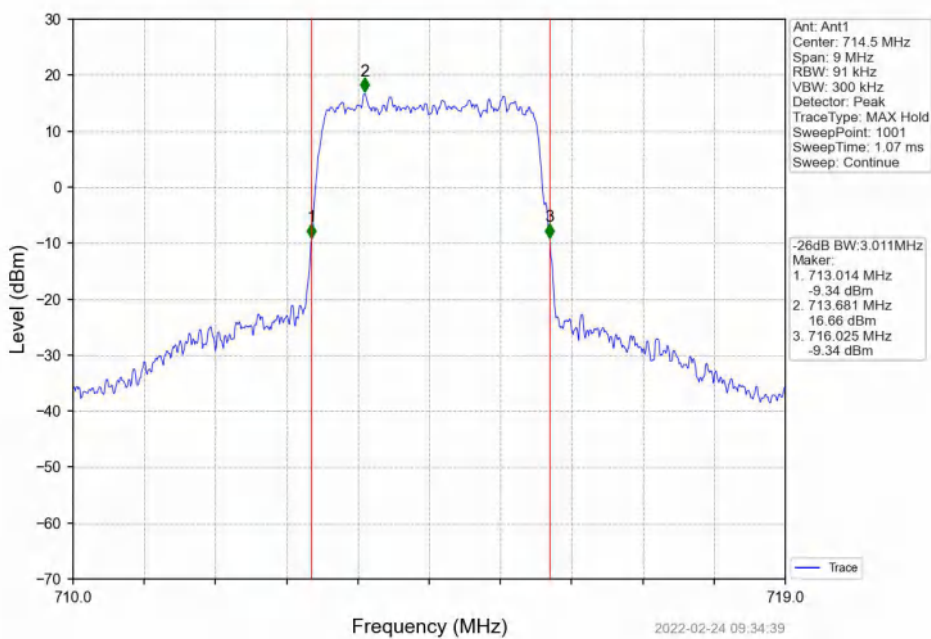
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



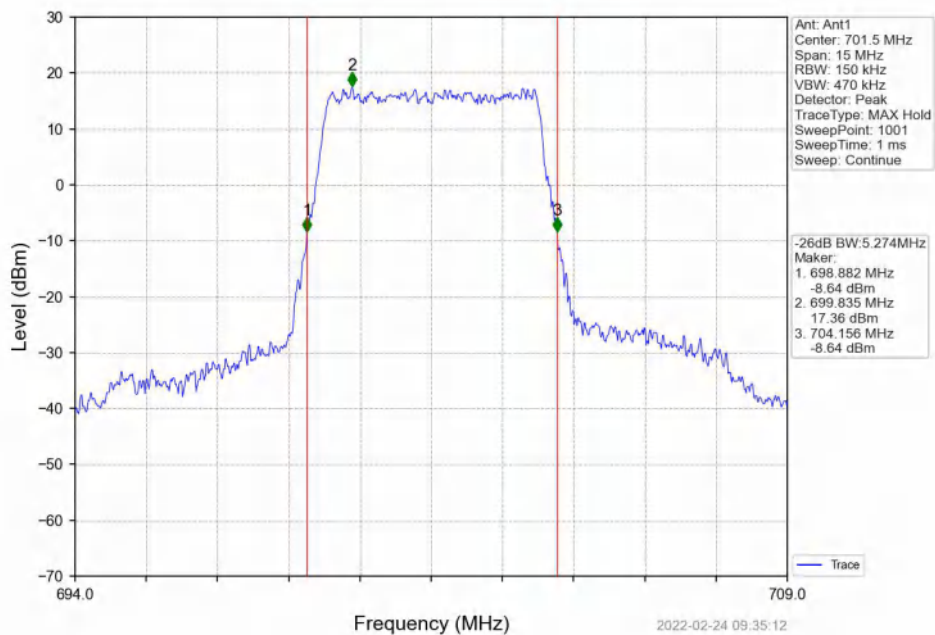
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



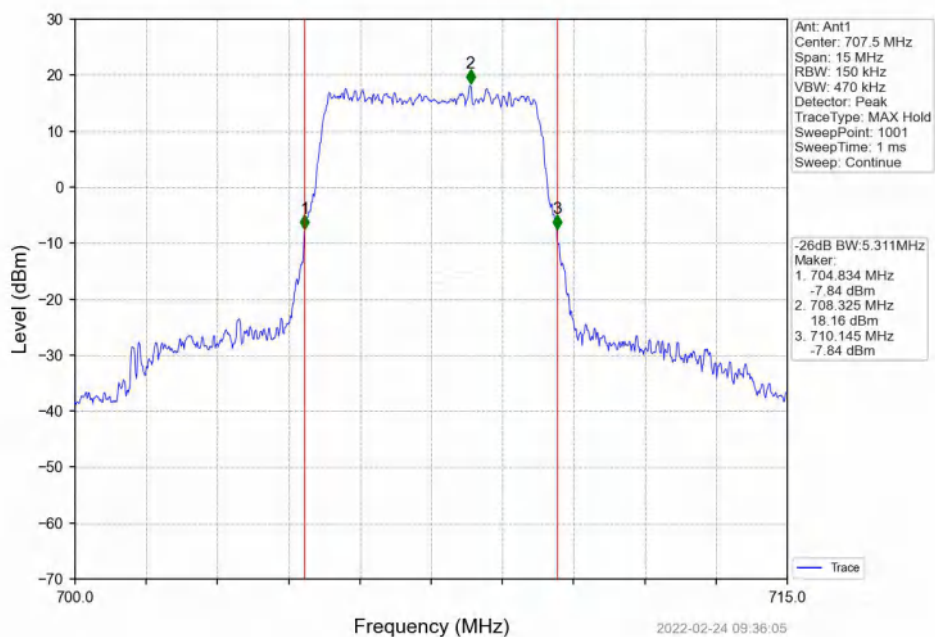
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



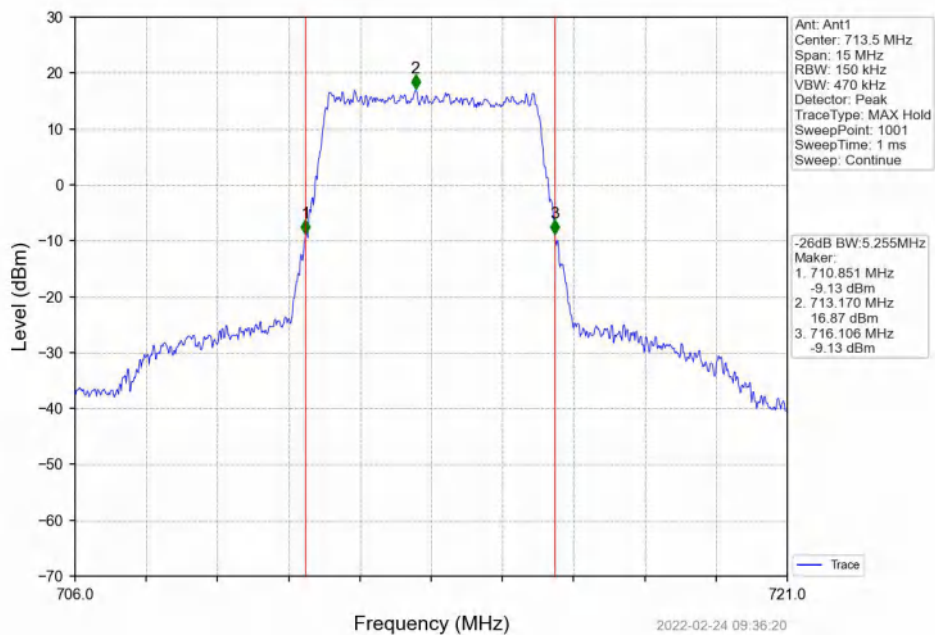
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



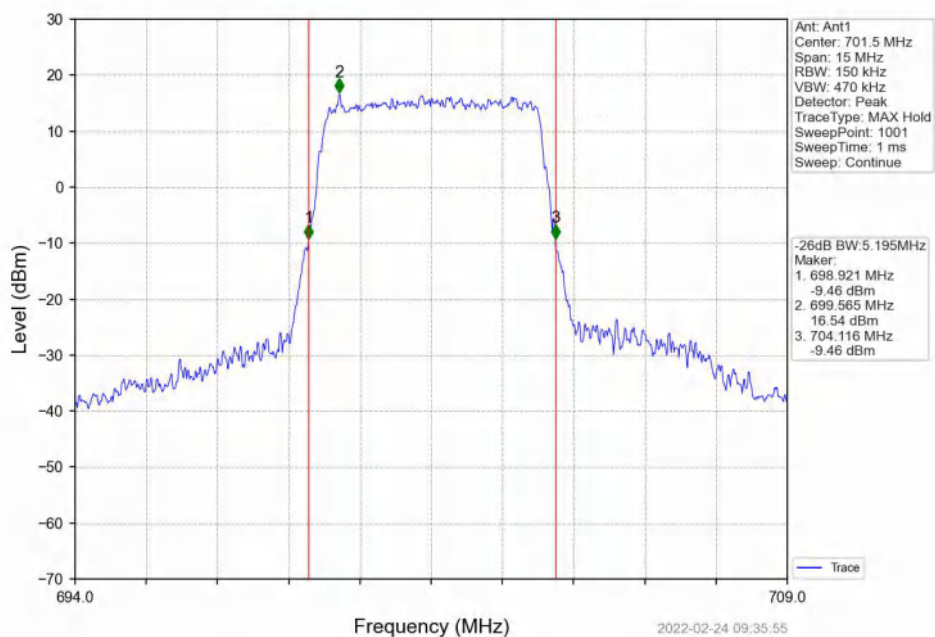
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



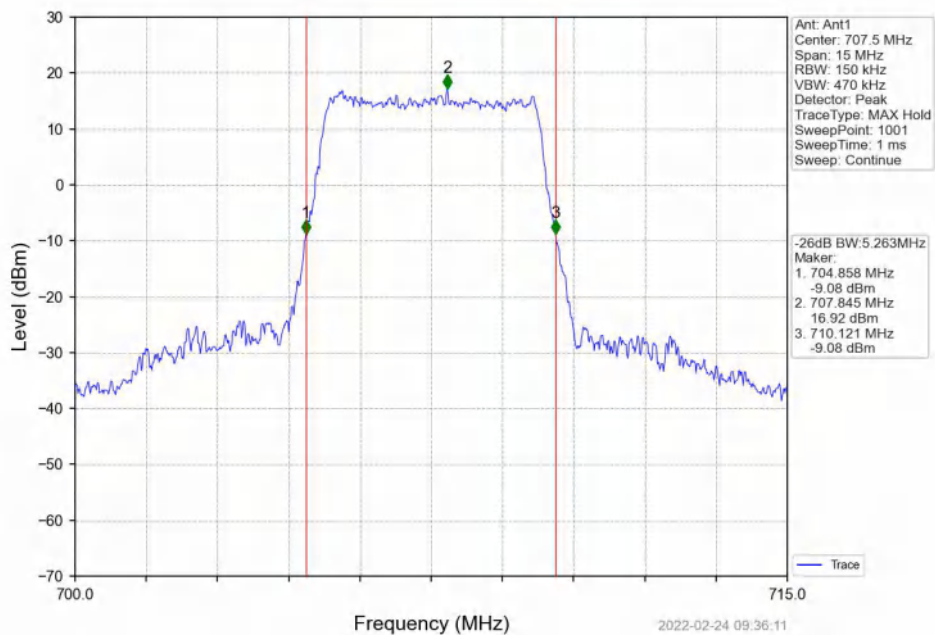
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



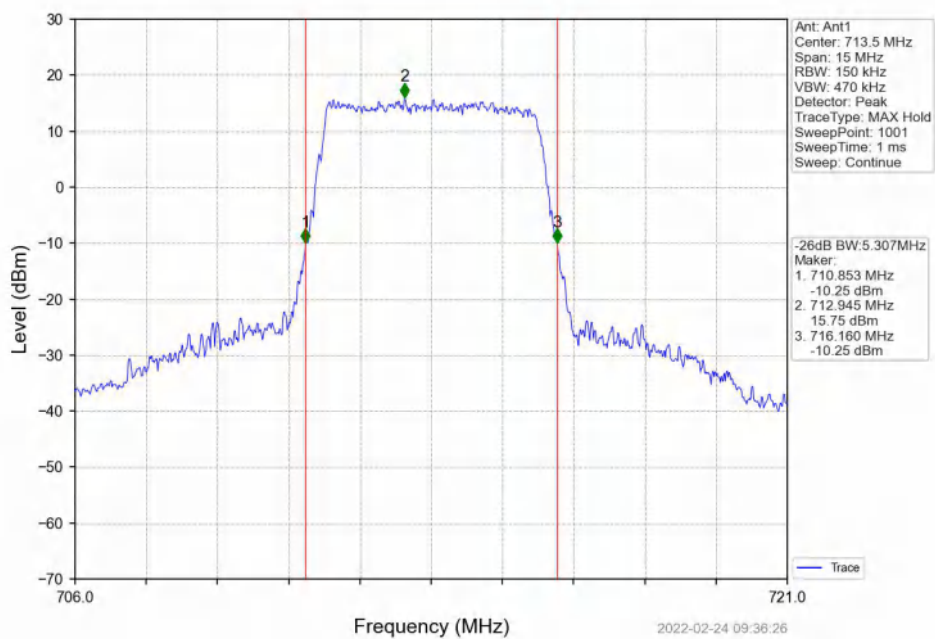
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



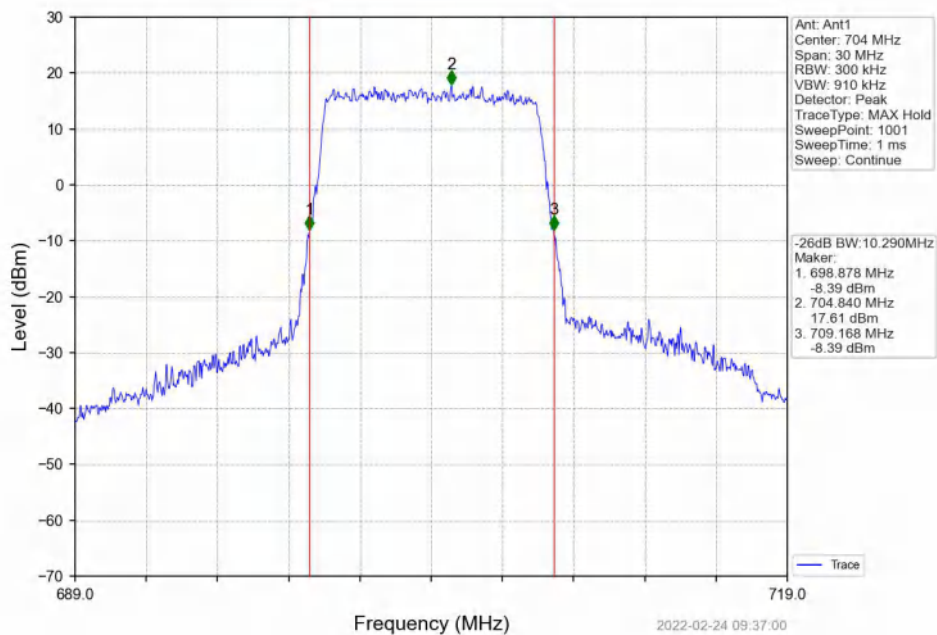
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



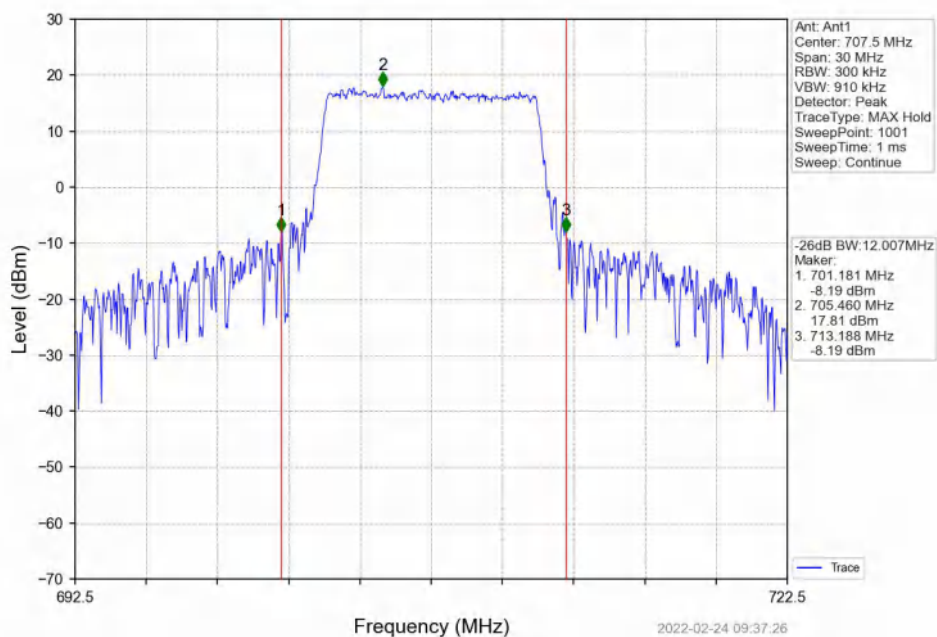
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



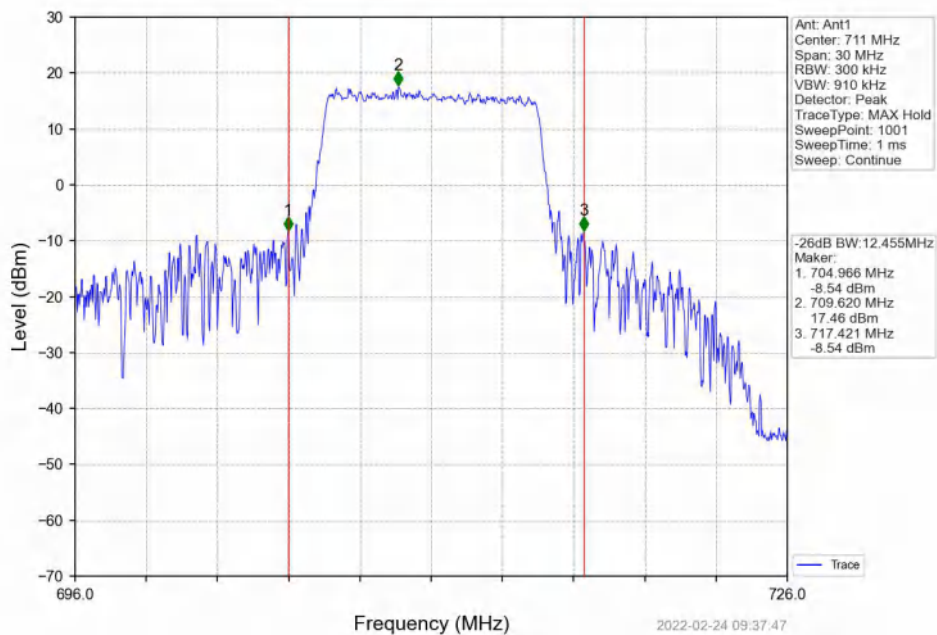
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



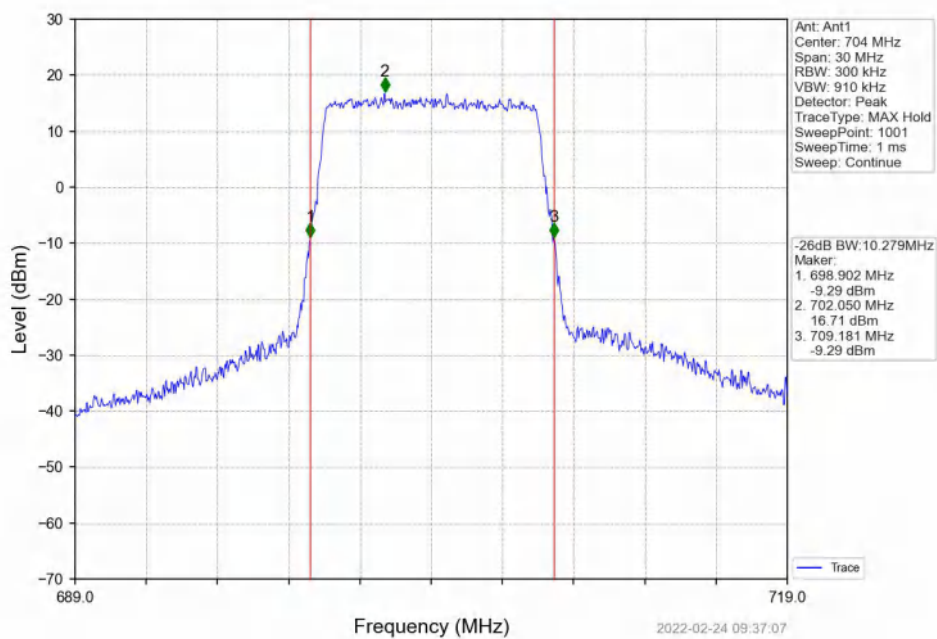
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



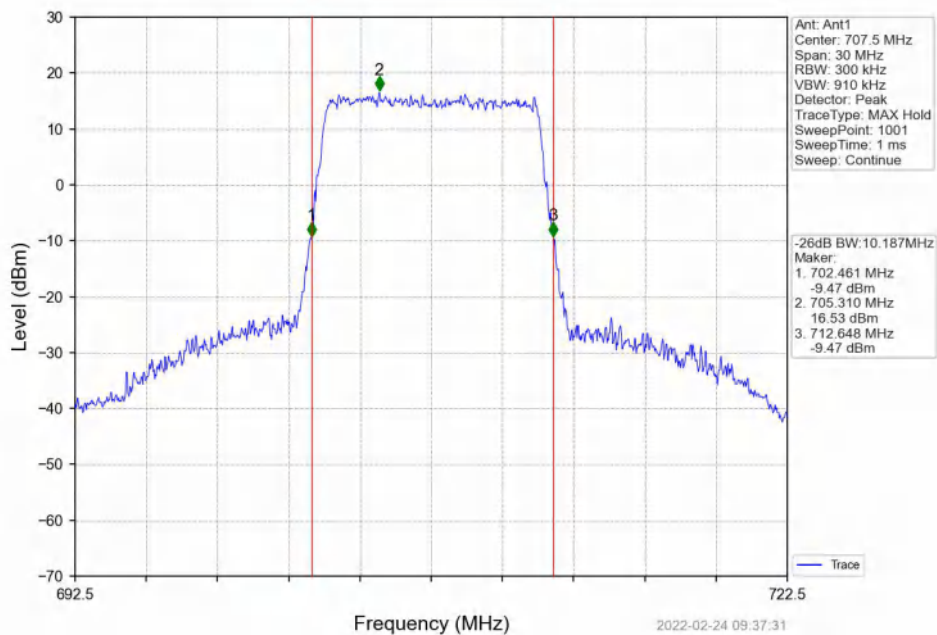
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



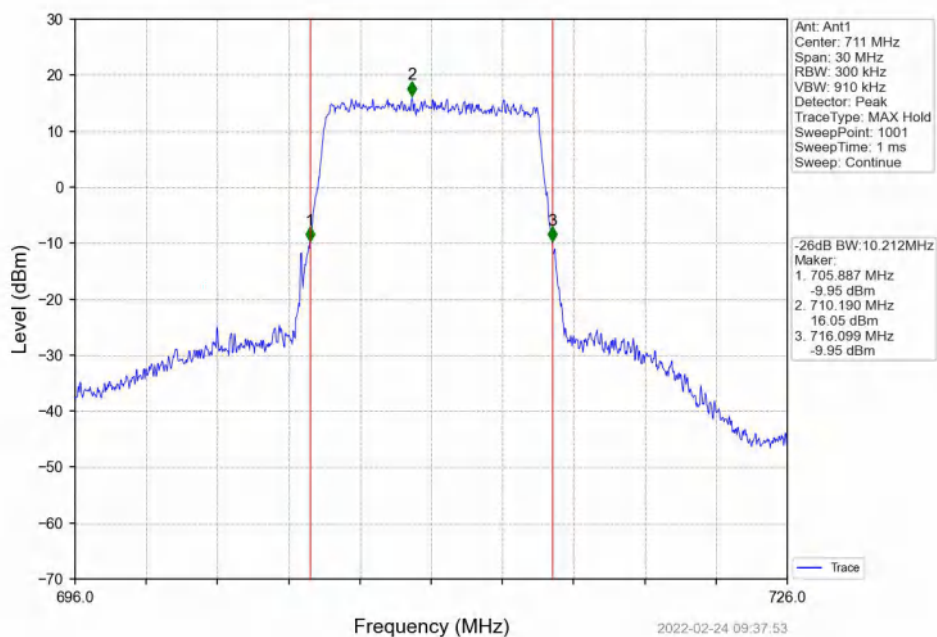
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



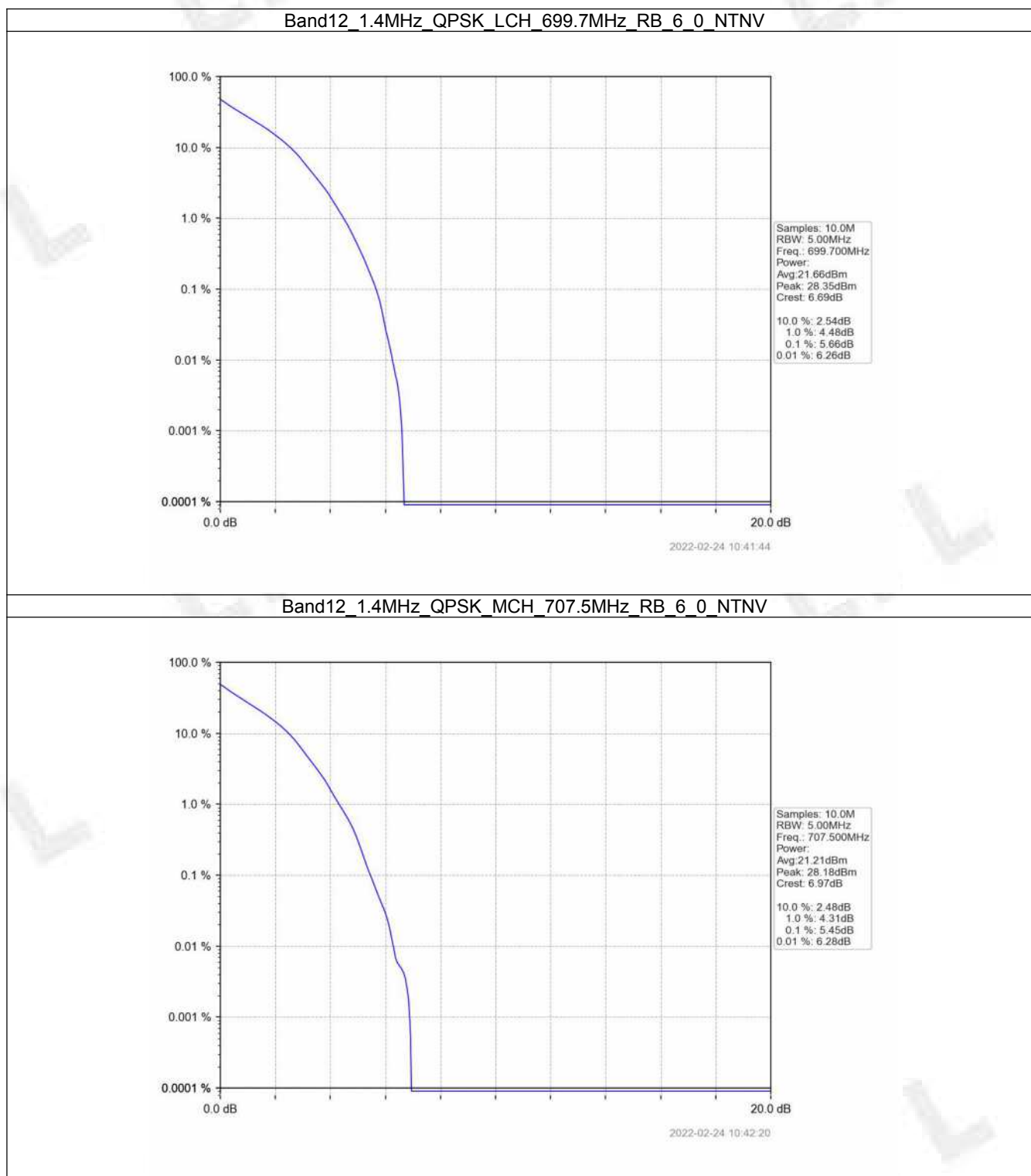
5. Peak-Average Ratio

5.1 B12_1.4MHz

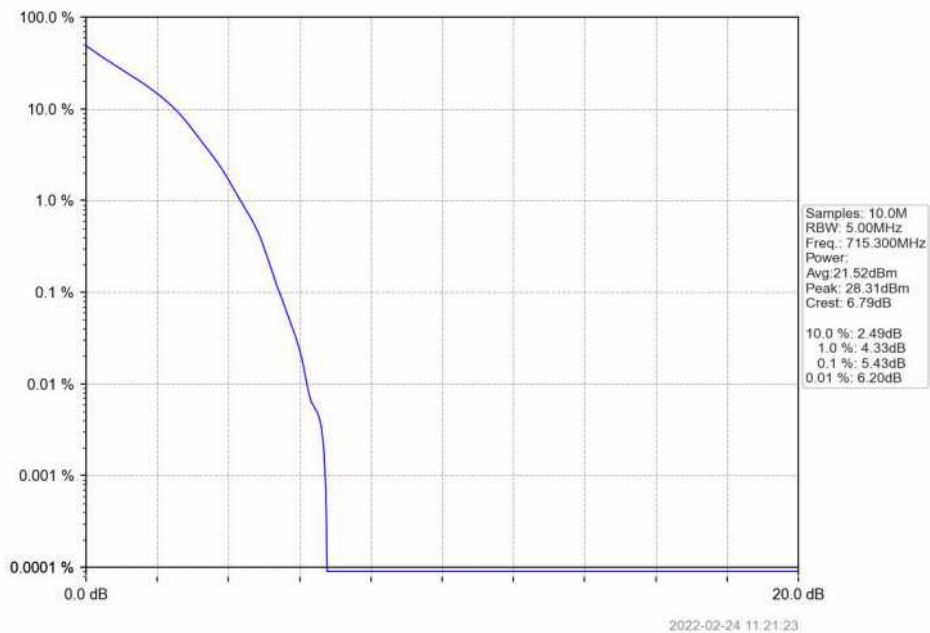
5.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	6	0	5.66	<=13	Pass
	707.5	6	0	5.45	<=13	Pass
	715.3	6	0	5.43	<=13	Pass
16QAM	699.7	6	0	6.41	<=13	Pass
	707.5	6	0	6.25	<=13	Pass
	715.3	6	0	6.26	<=13	Pass

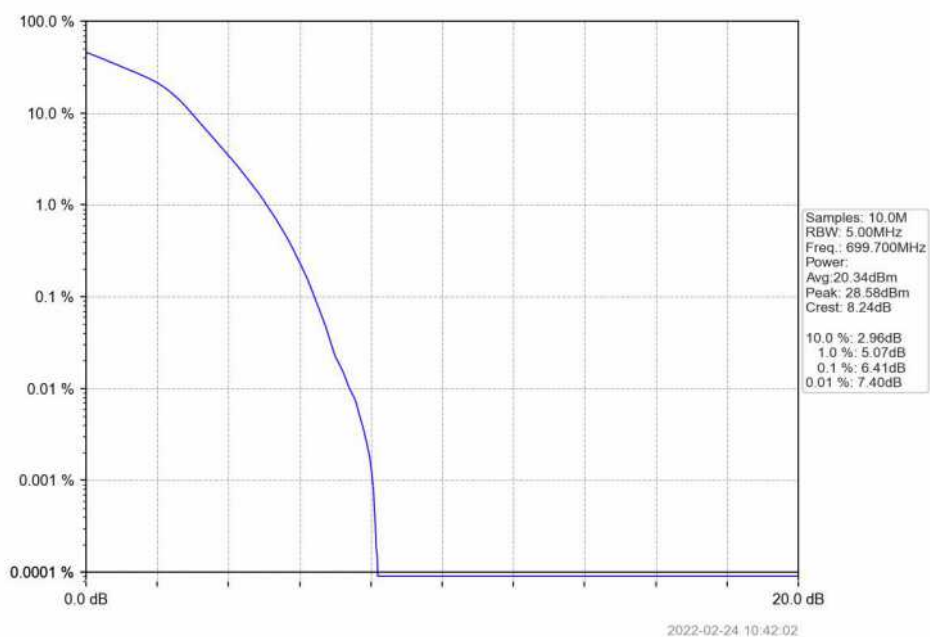
5.1.2 Test Graph



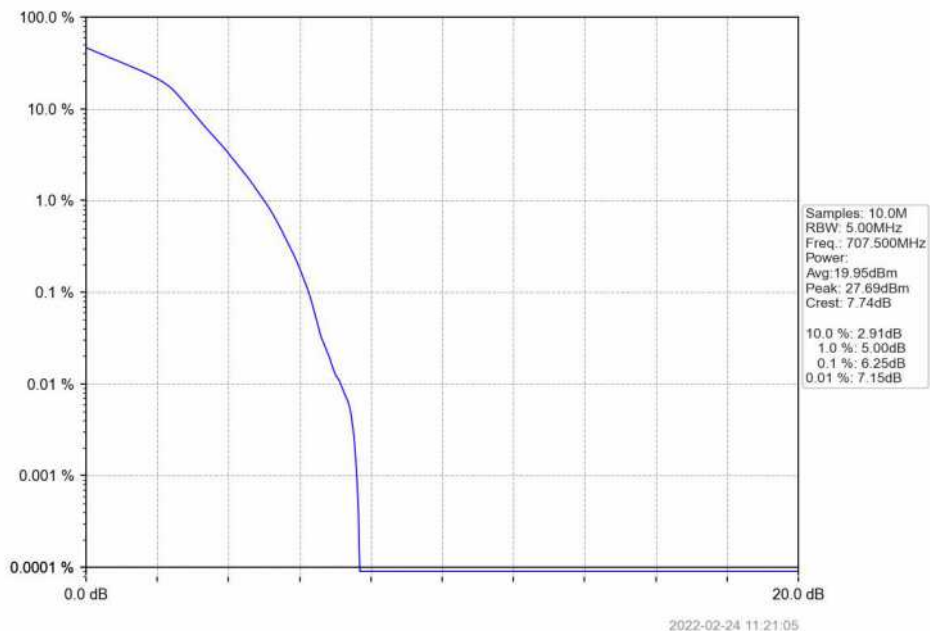
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



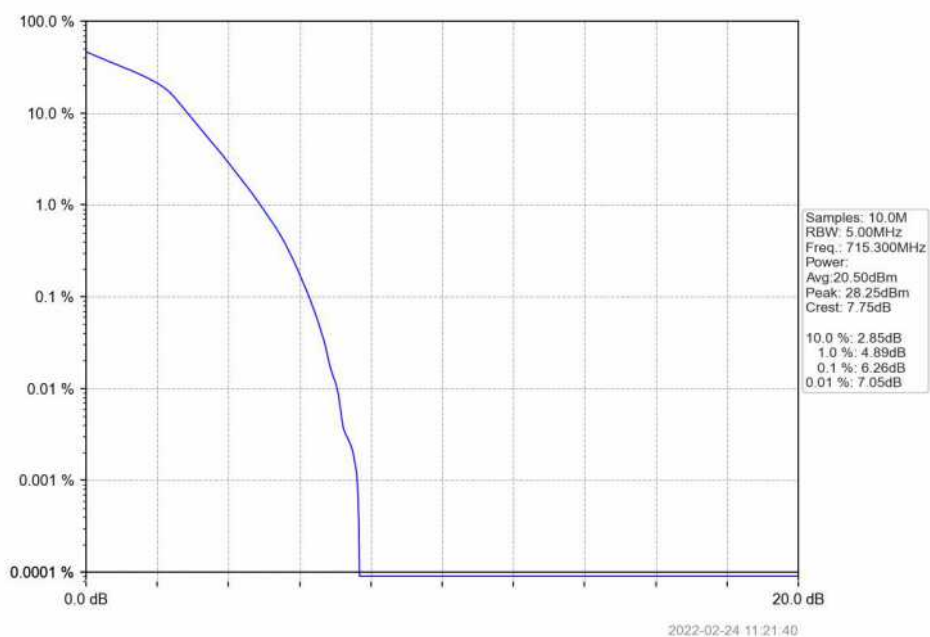
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV

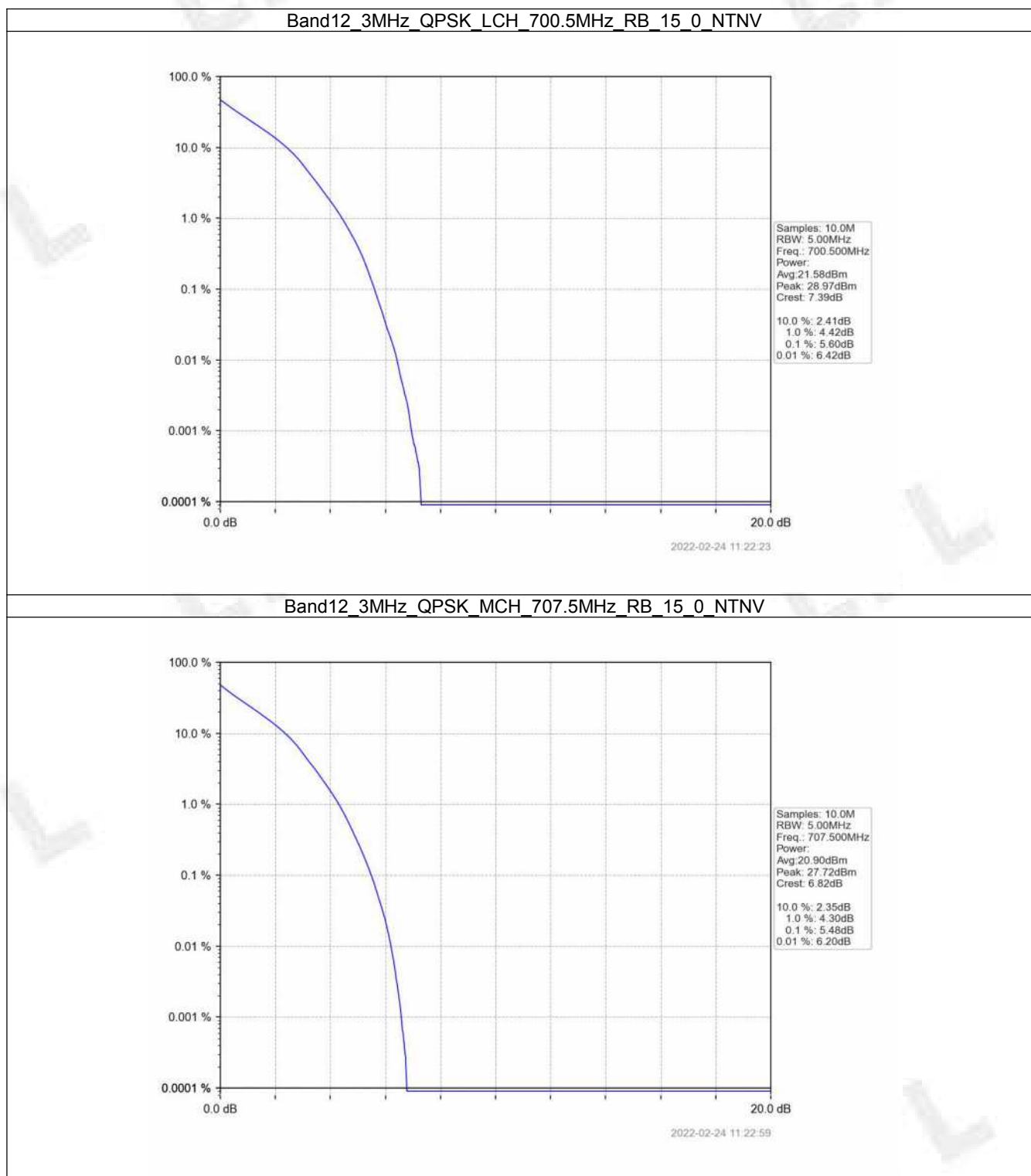


5.2 B12_3MHz

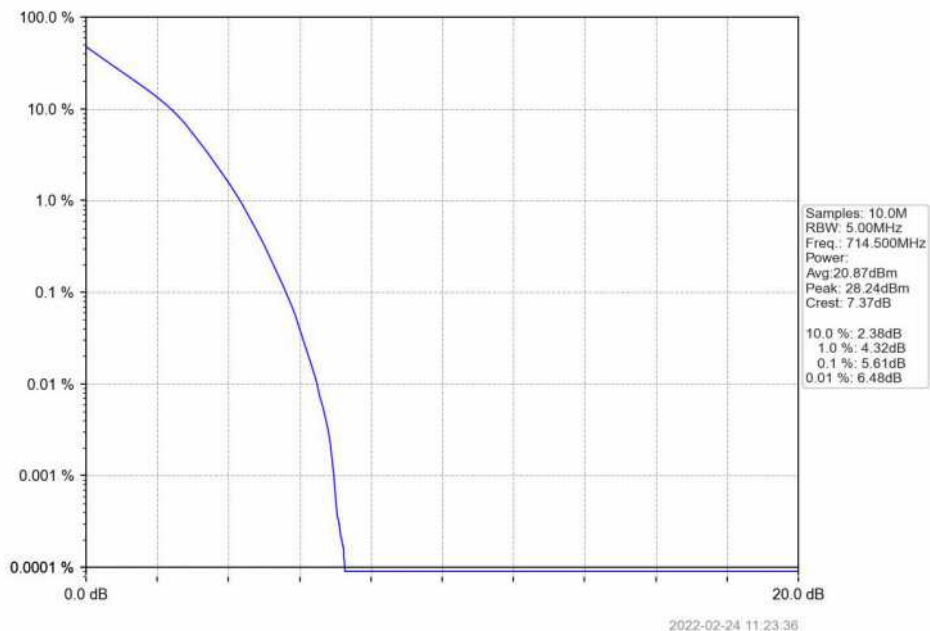
5.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	15	0	5.60	<=13	Pass
	707.5	15	0	5.48	<=13	Pass
	714.5	15	0	5.61	<=13	Pass
16QAM	700.5	15	0	6.36	<=13	Pass
	707.5	15	0	6.33	<=13	Pass
	714.5	15	0	6.33	<=13	Pass

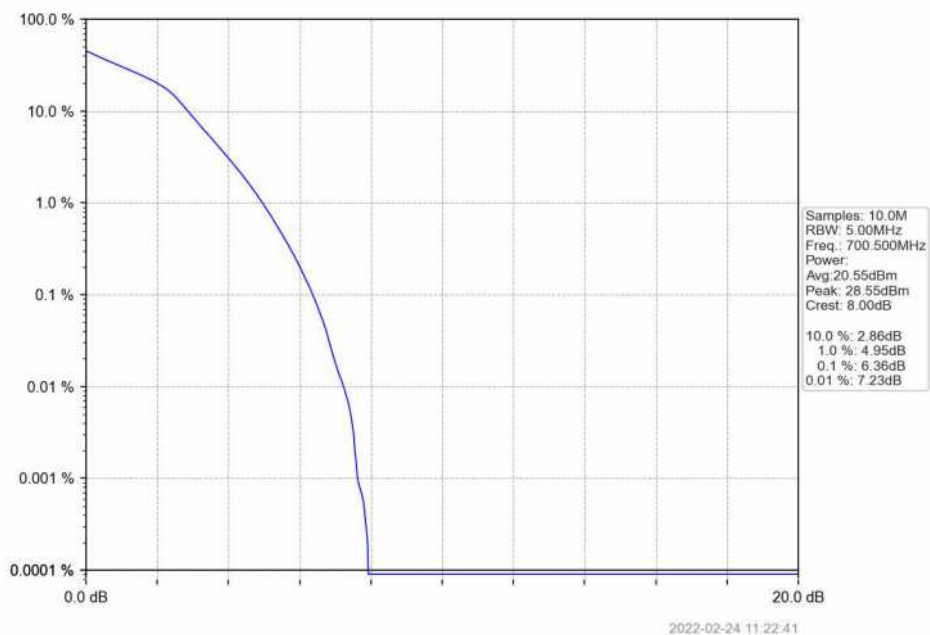
5.2.2 Test Graph



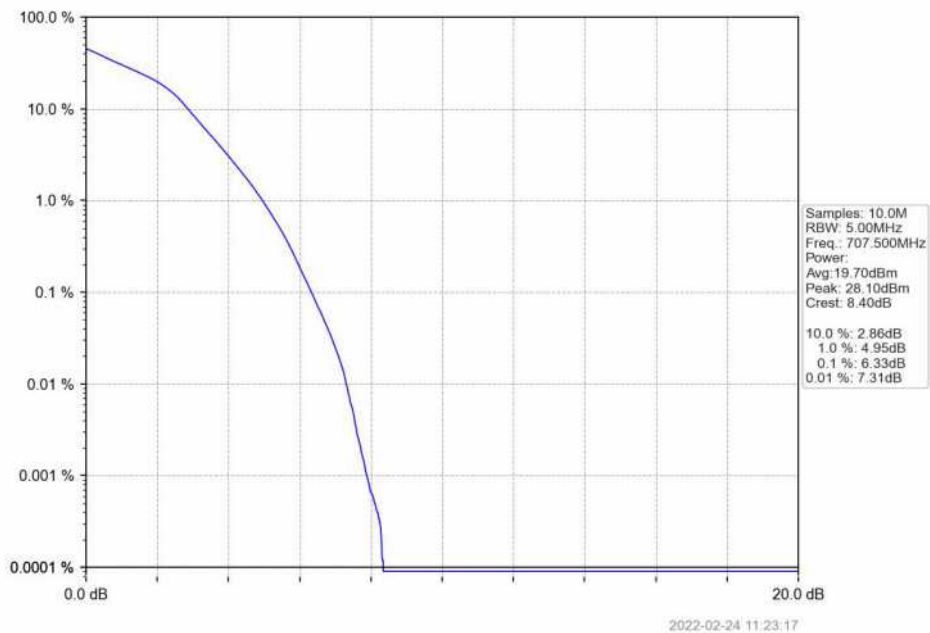
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



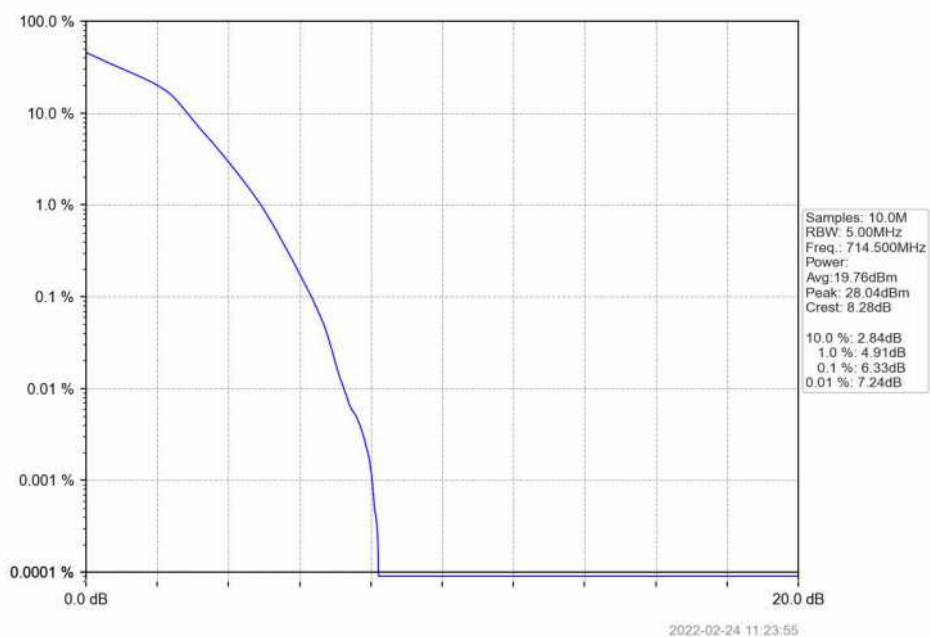
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV

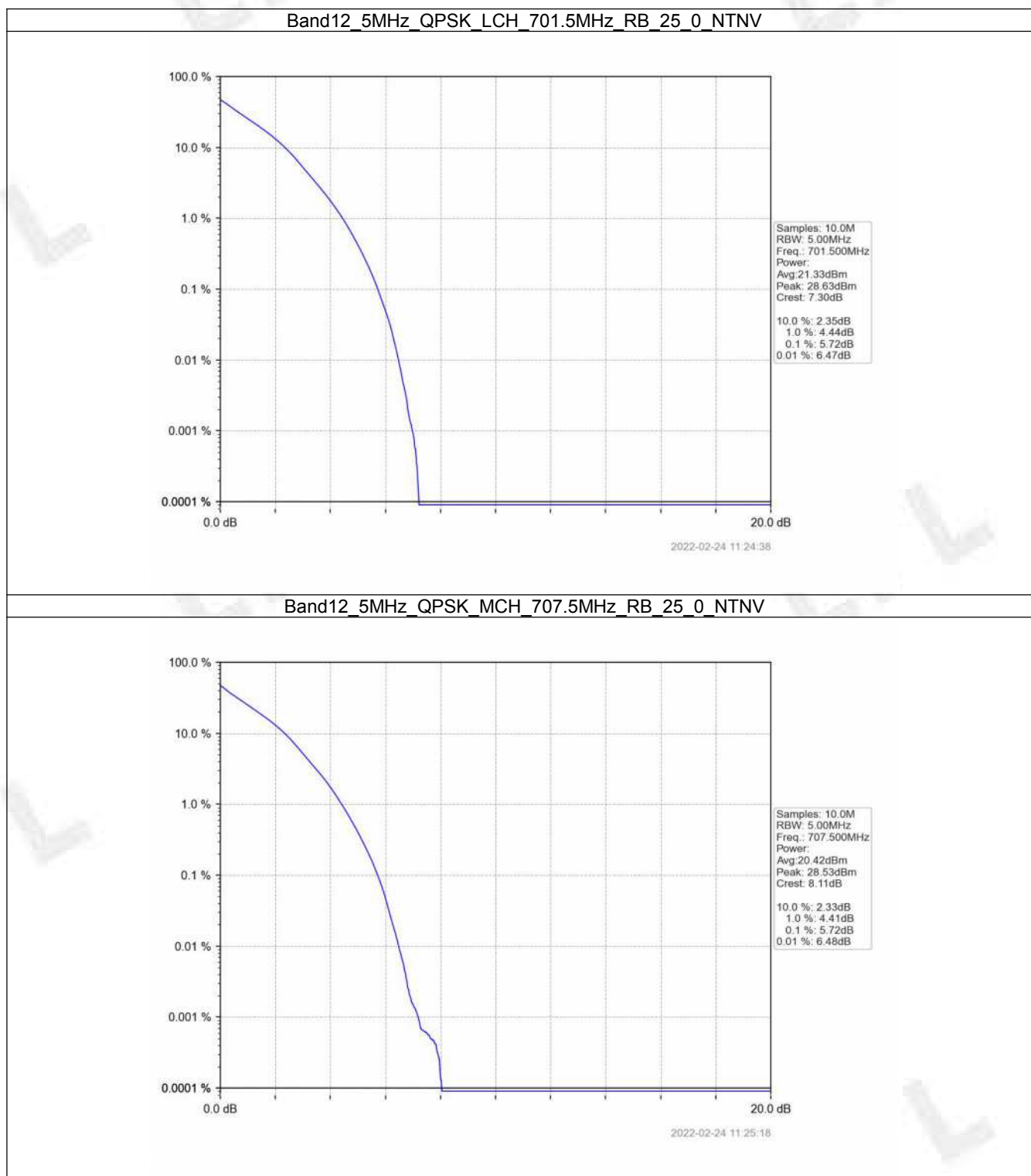


5.3 B12_5MHz

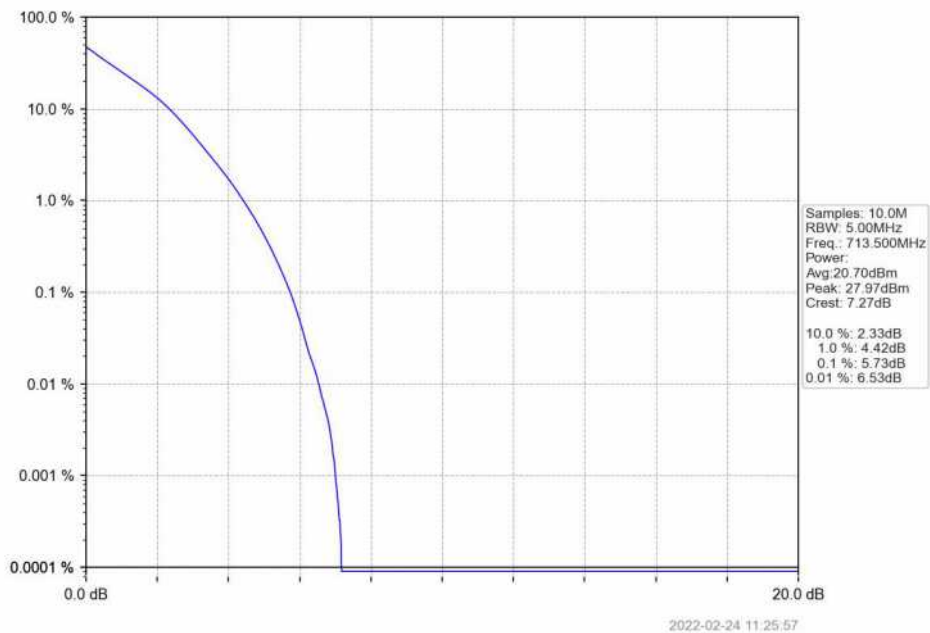
5.3.1 Test Result

Band: 12 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.72	<=13	Pass
	707.5	25	0	5.72	<=13	Pass
	713.5	25	0	5.73	<=13	Pass
16QAM	701.5	25	0	6.38	<=13	Pass
	707.5	25	0	6.34	<=13	Pass
	713.5	25	0	6.31	<=13	Pass

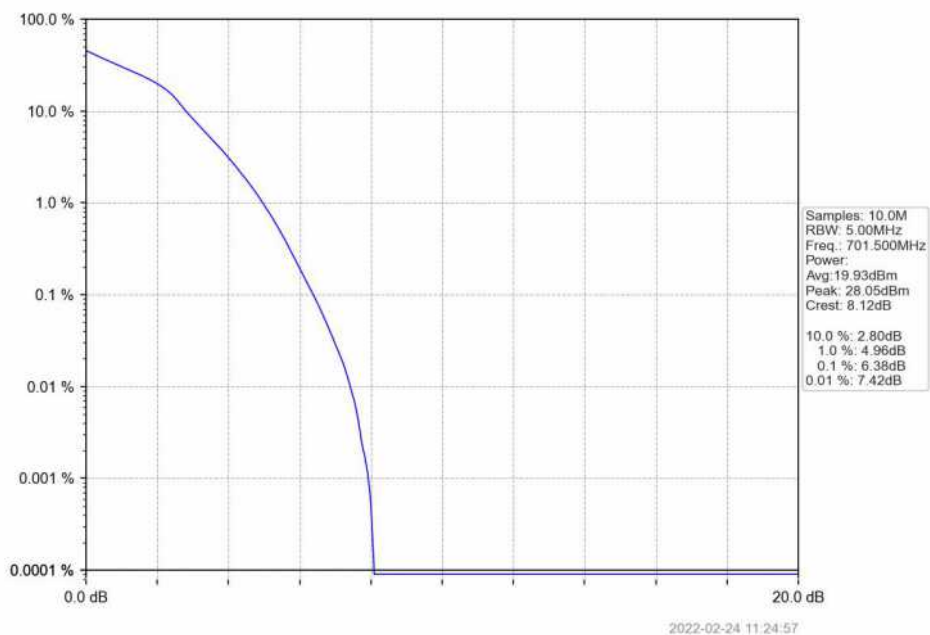
5.3.2 Test Graph



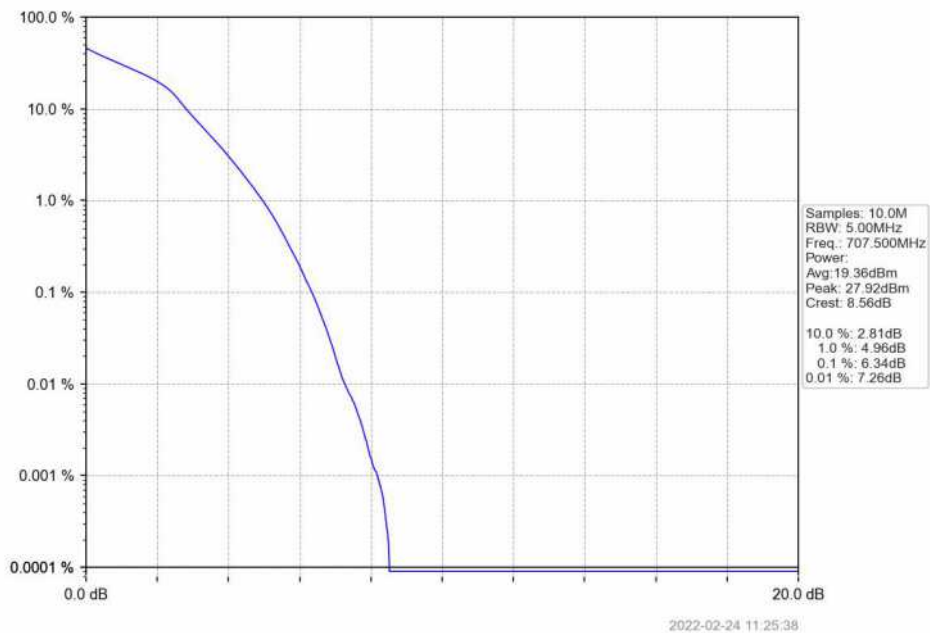
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



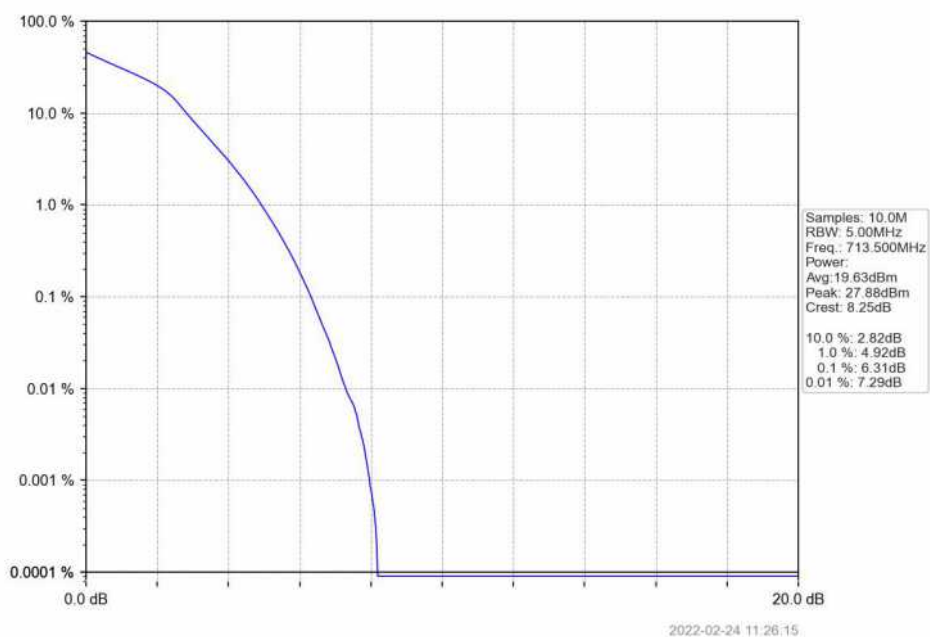
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

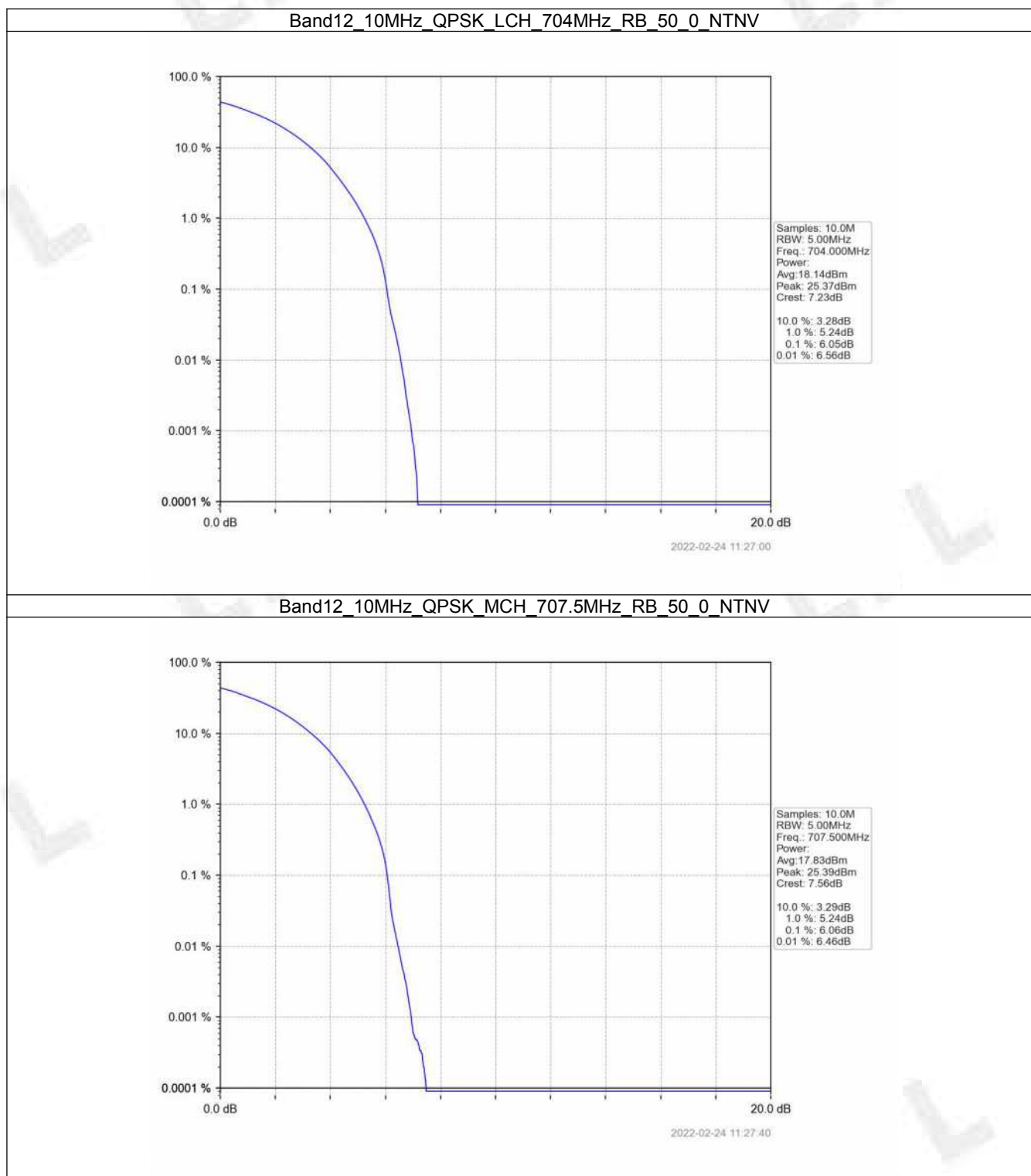


5.4 B12_10MHz

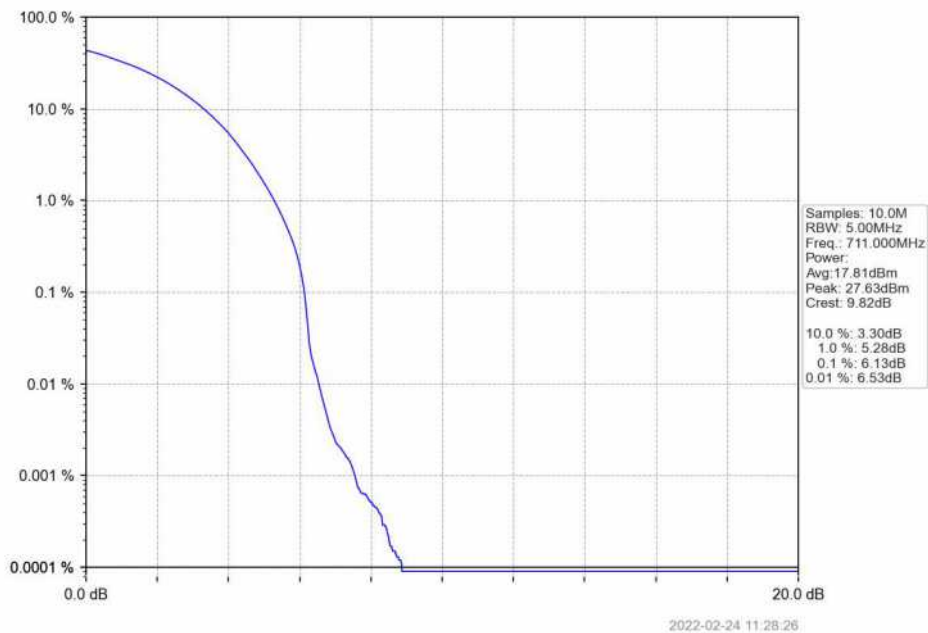
5.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	6.05	<=13	Pass
	707.5	50	0	6.06	<=13	Pass
	711	50	0	6.13	<=13	Pass
16QAM	704	50	0	6.74	<=13	Pass
	707.5	50	0	6.68	<=13	Pass
	711	50	0	6.78	<=13	Pass

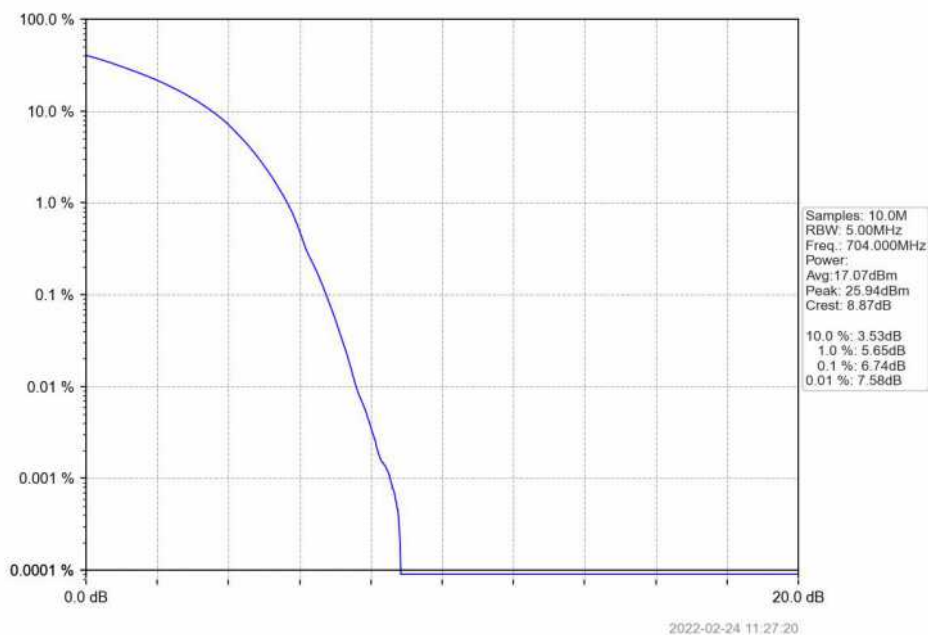
5.4.2 Test Graph



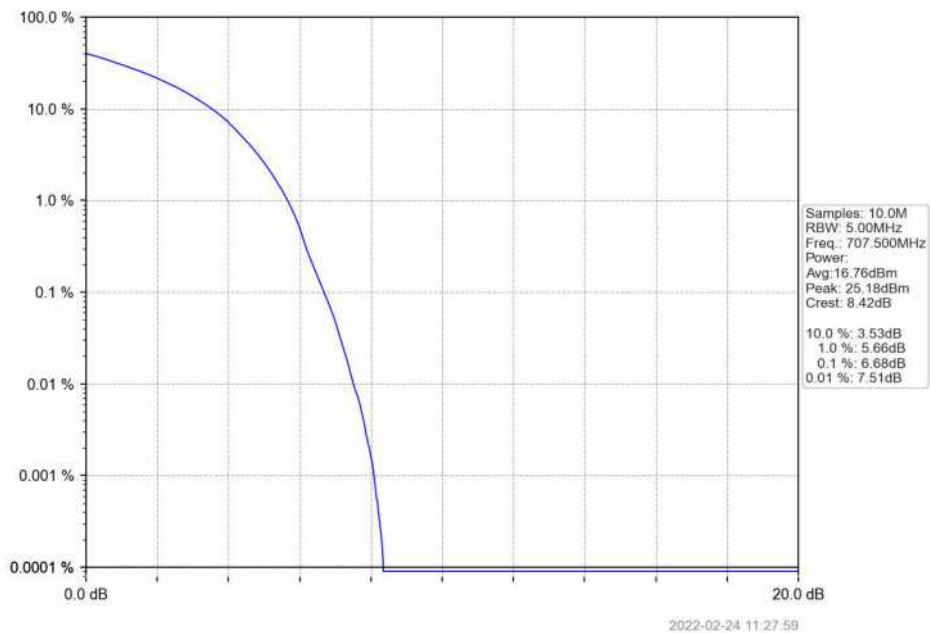
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



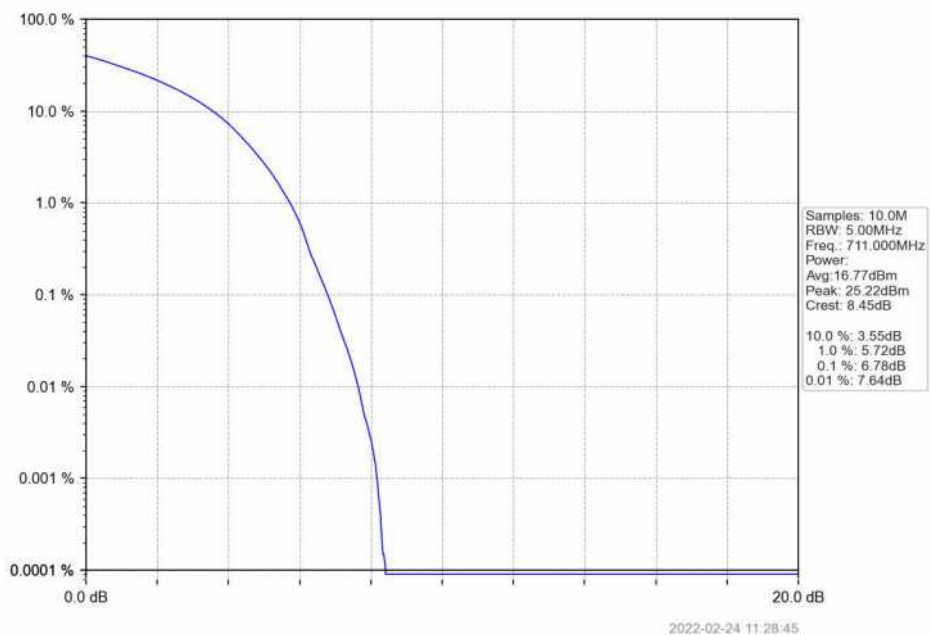
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



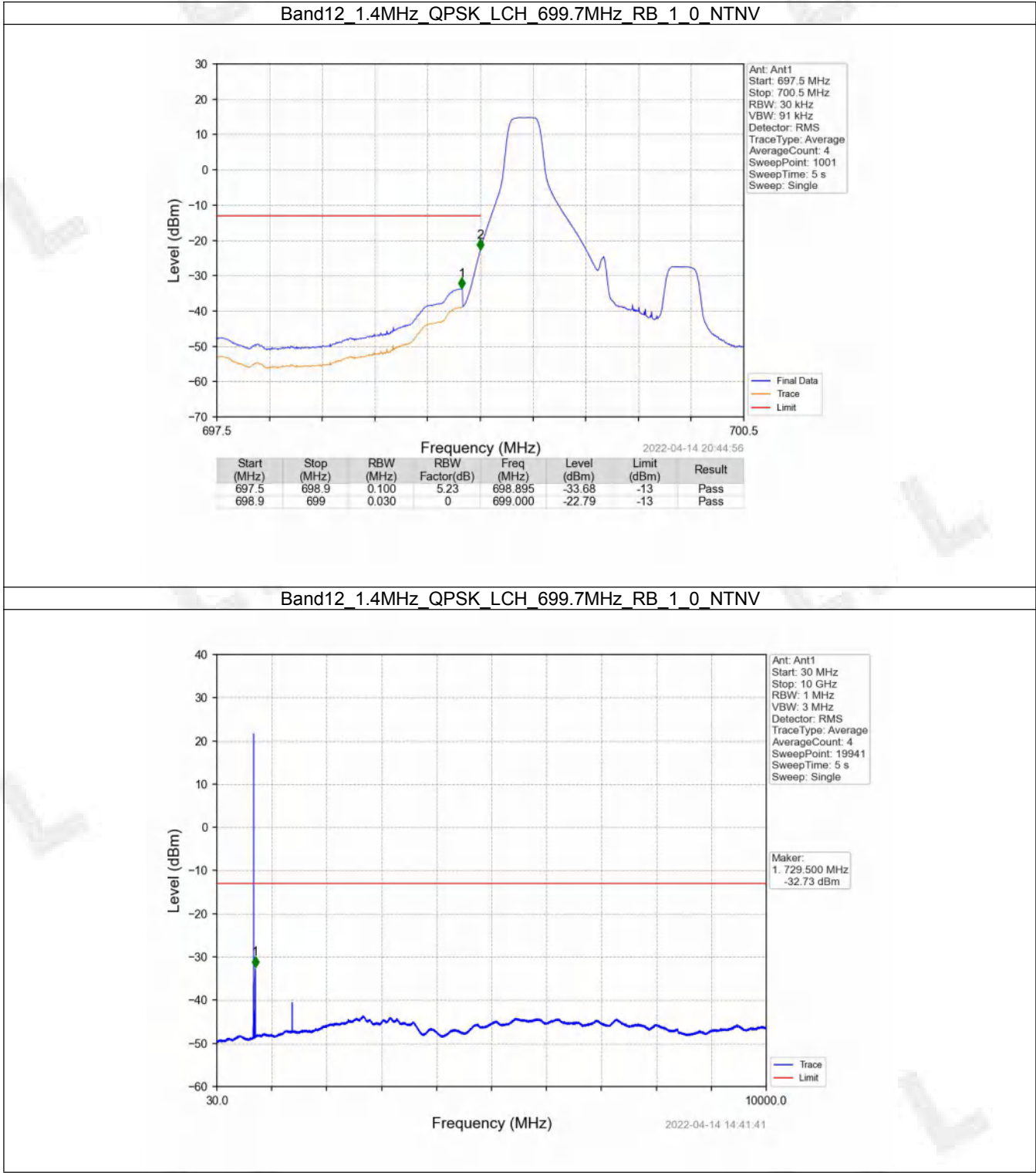
6. Spurious Emission

6.1 B12_1.4MHz

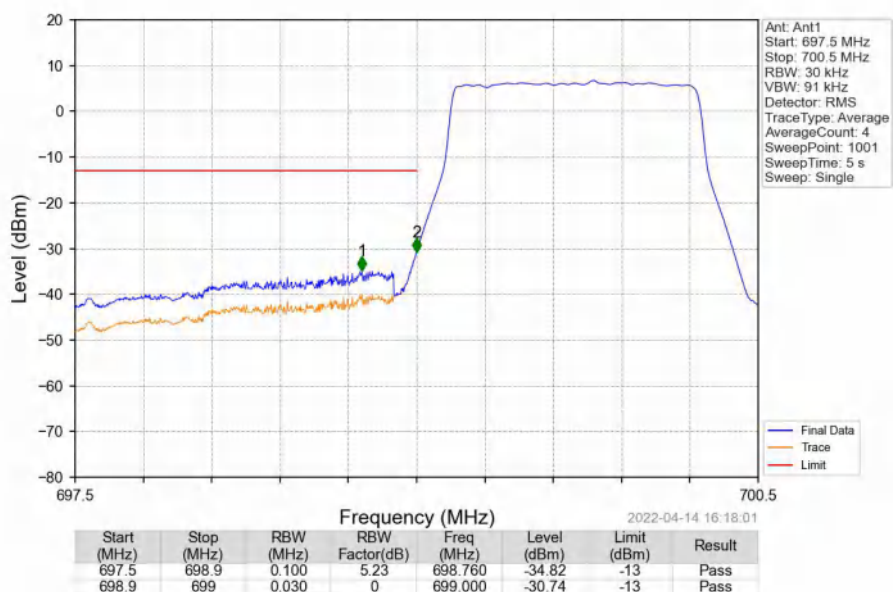
6.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTNV						
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
	707.5	1	0	Refer To Test Graph		Pass
	715.3	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
	707.5	1	0	Refer To Test Graph		Pass
	715.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

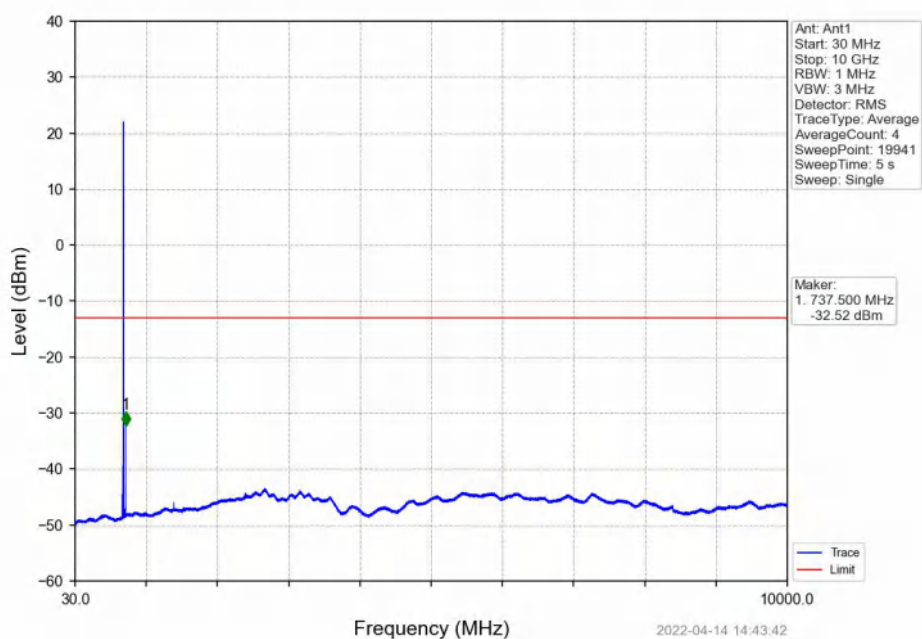
6.1.2 Test Graph



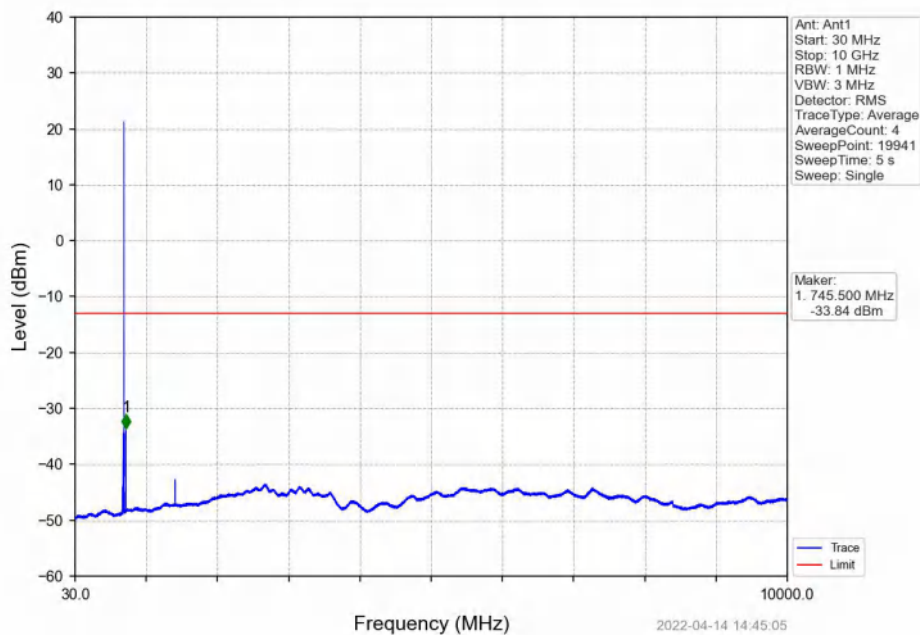
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



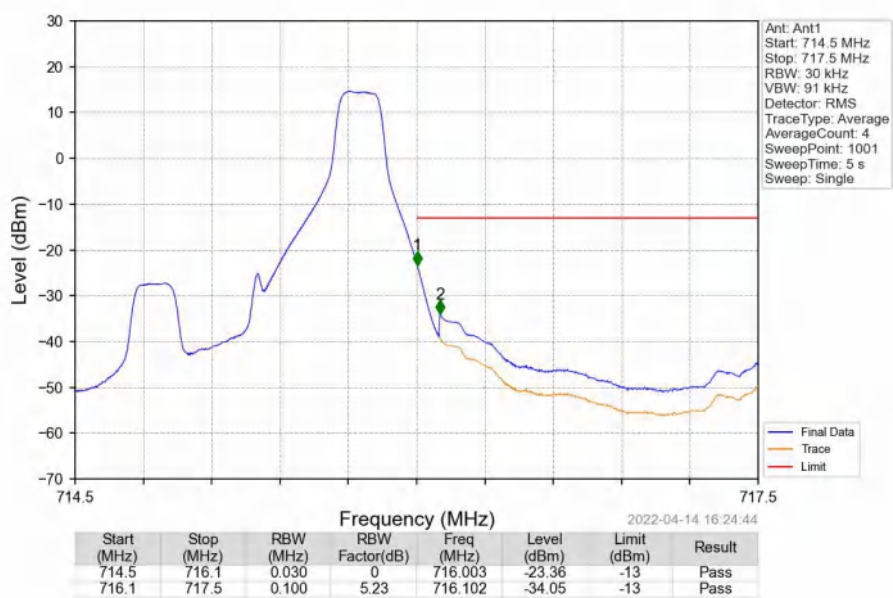
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



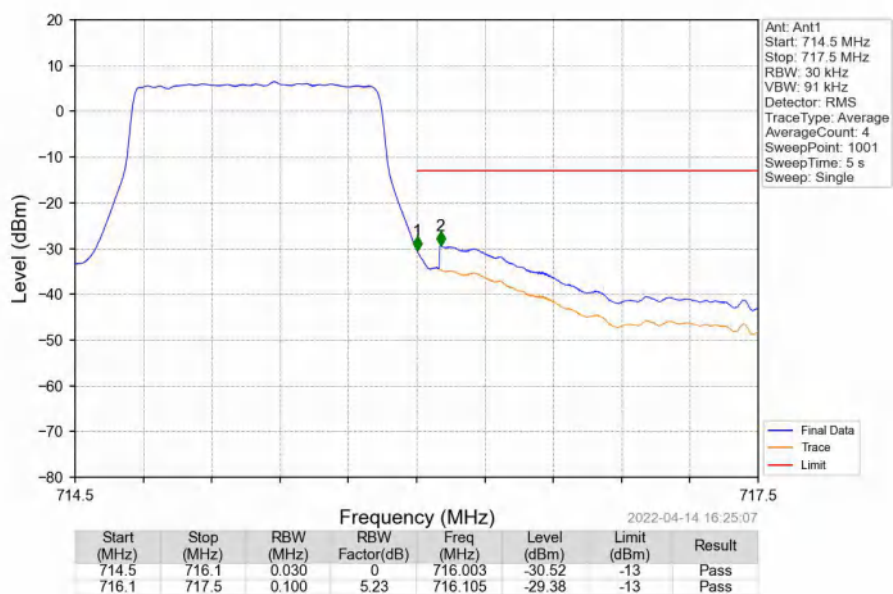
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



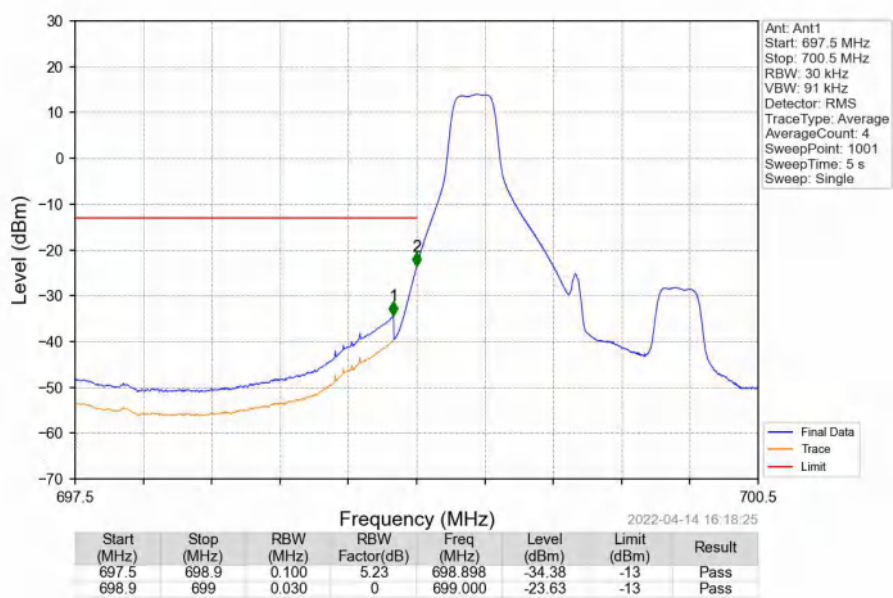
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



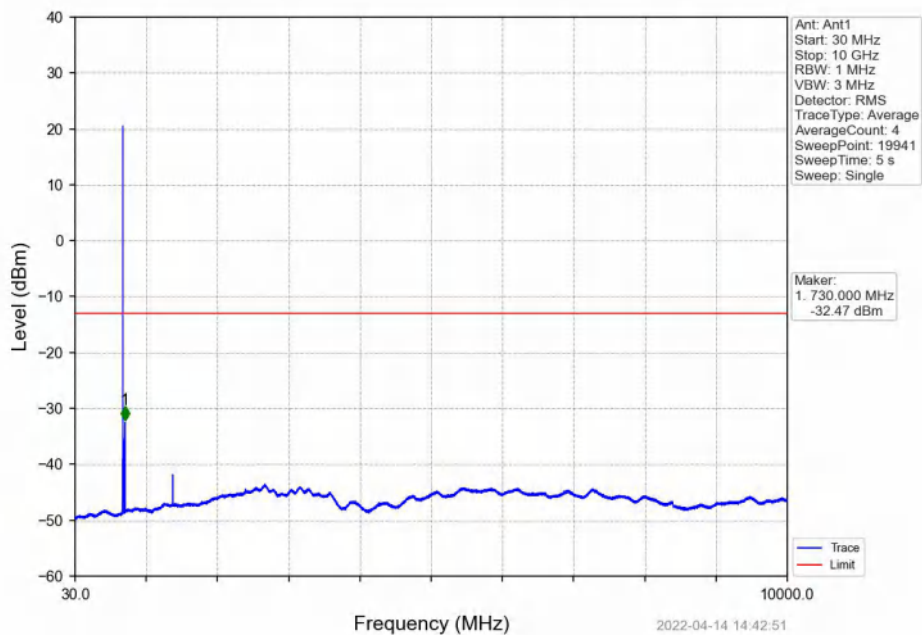
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



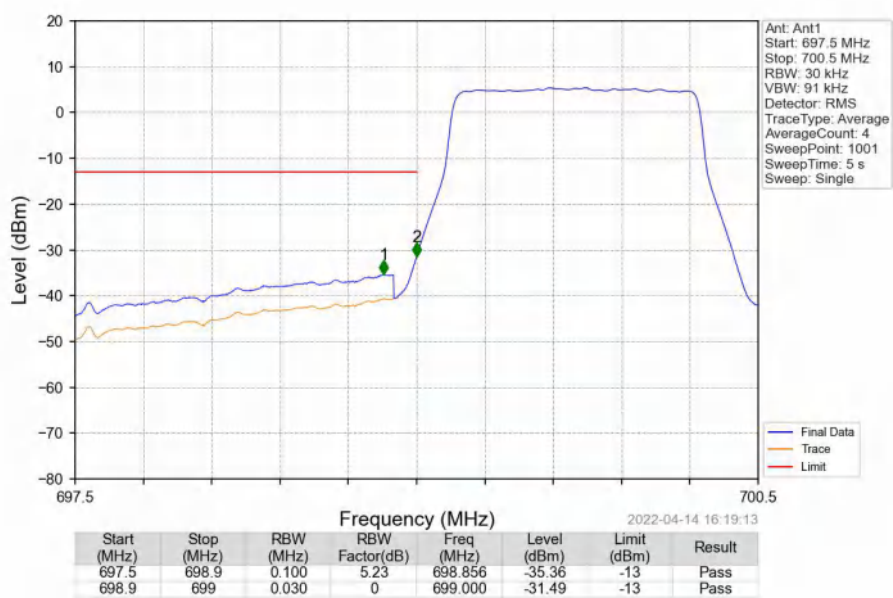
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



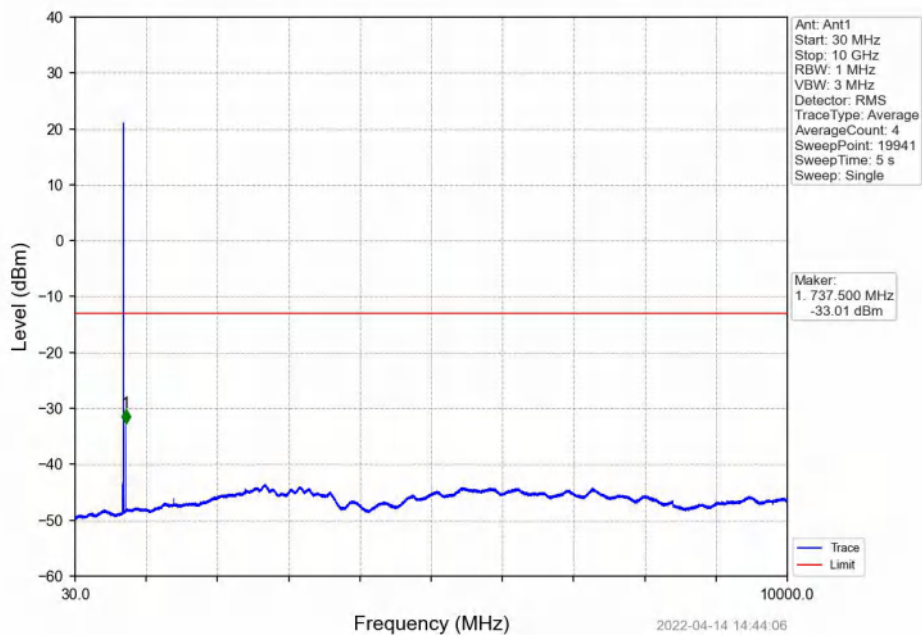
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



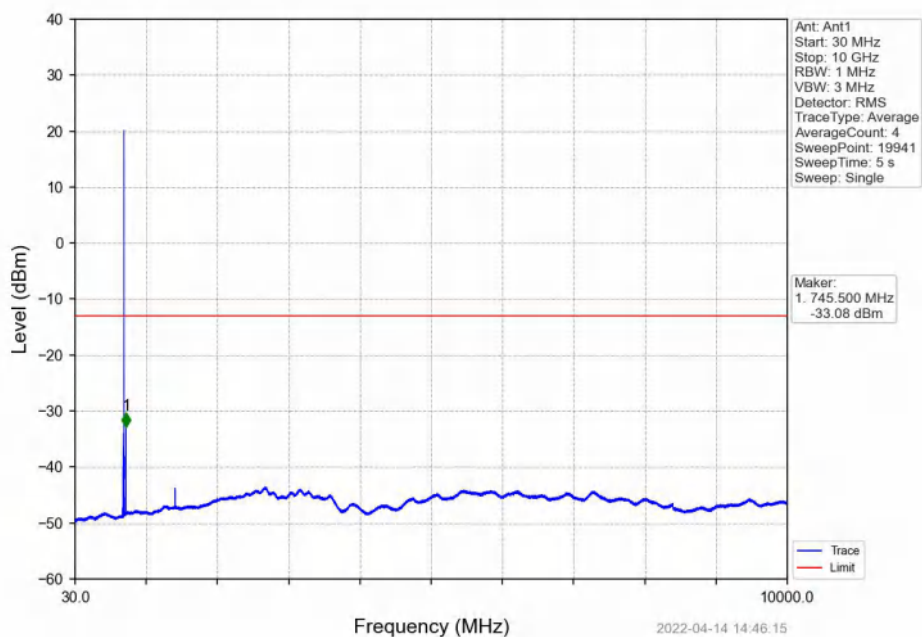
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



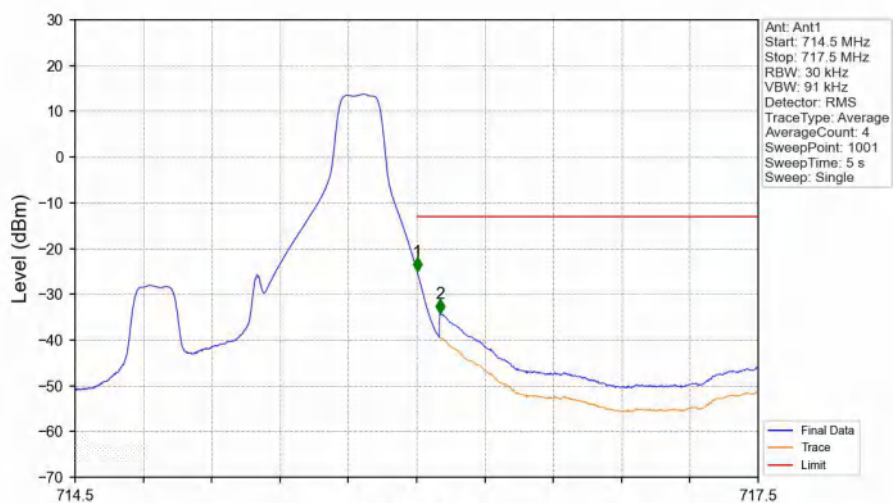
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



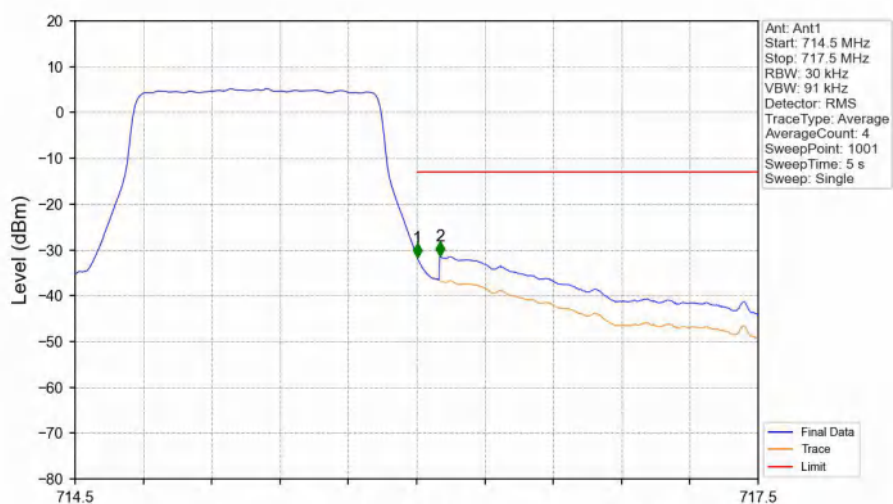
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_5_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV

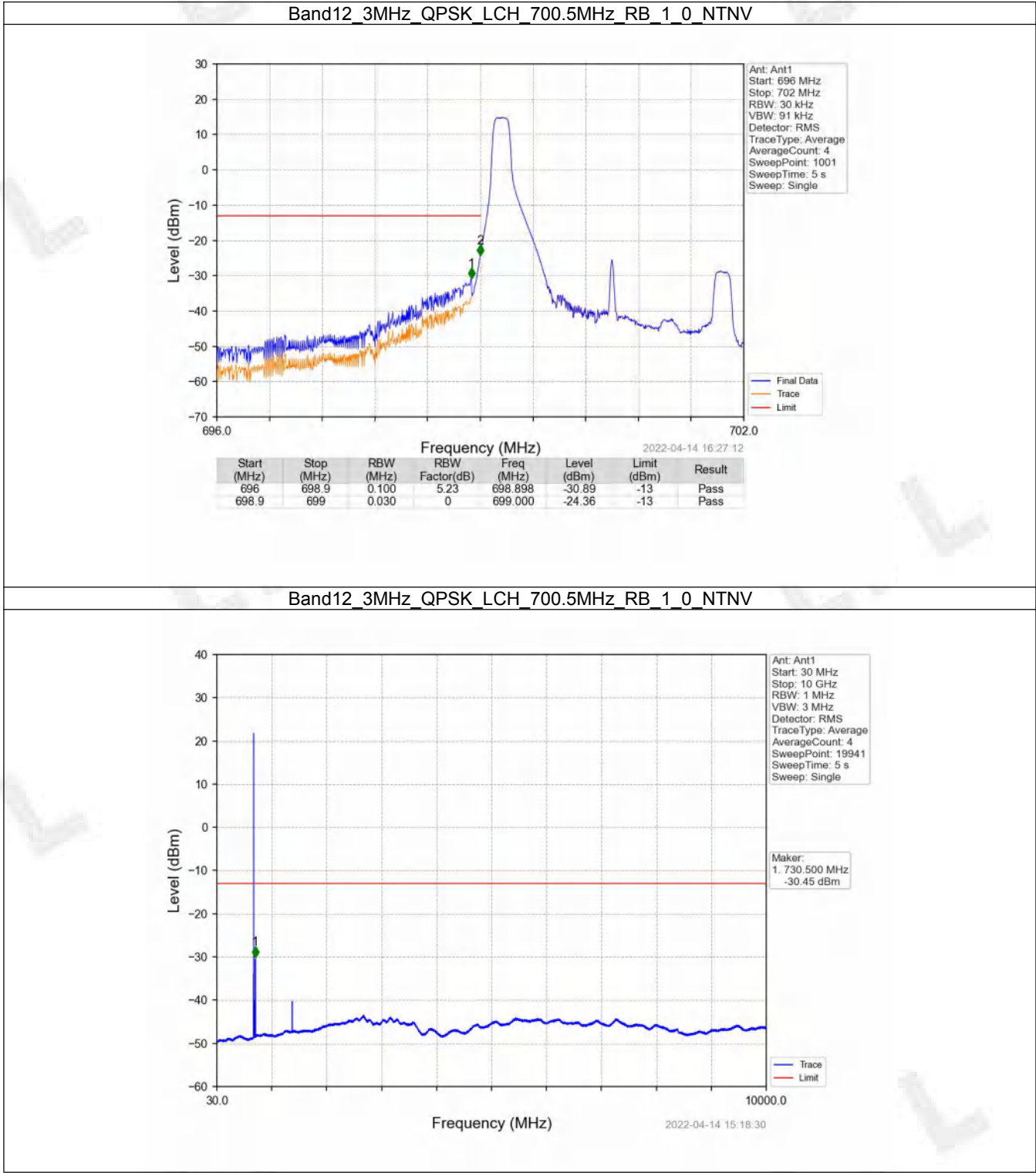


6.2 B12_3MHz

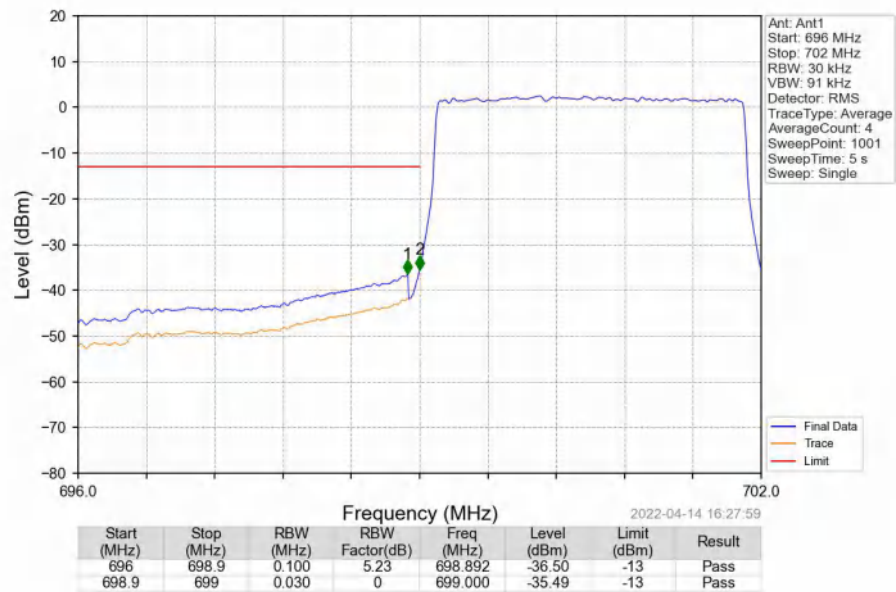
6.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTNV						
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		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
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		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

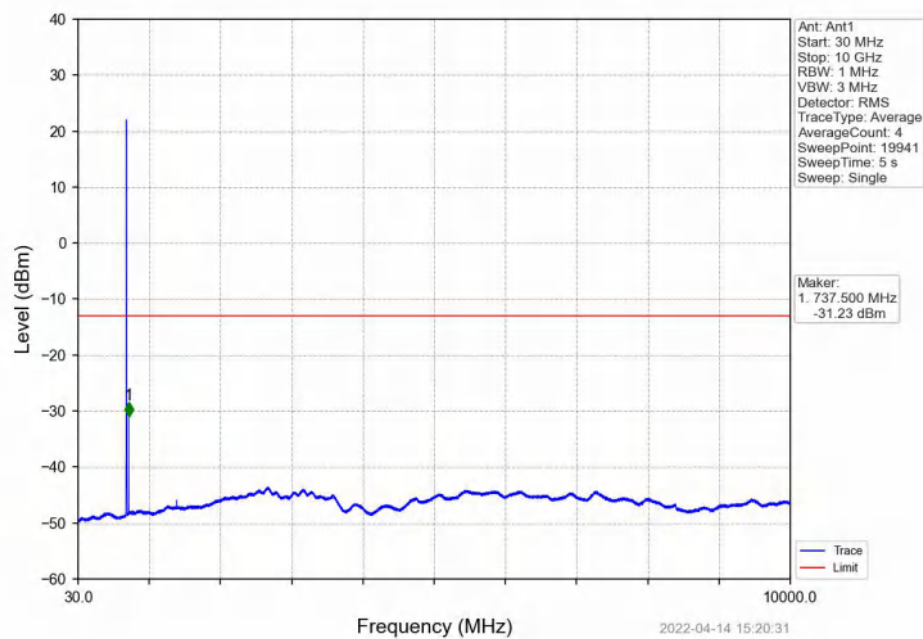
6.2.2 Test Graph



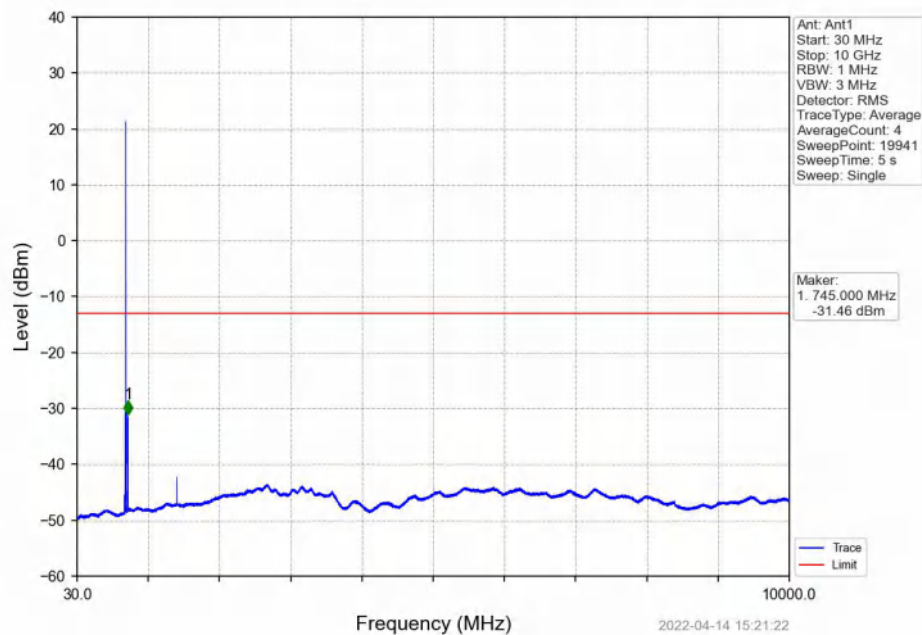
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



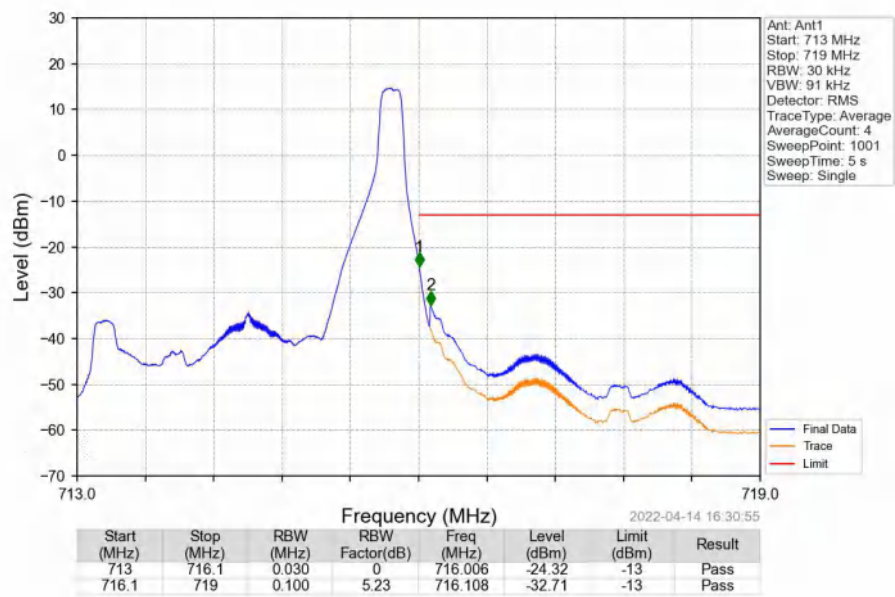
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



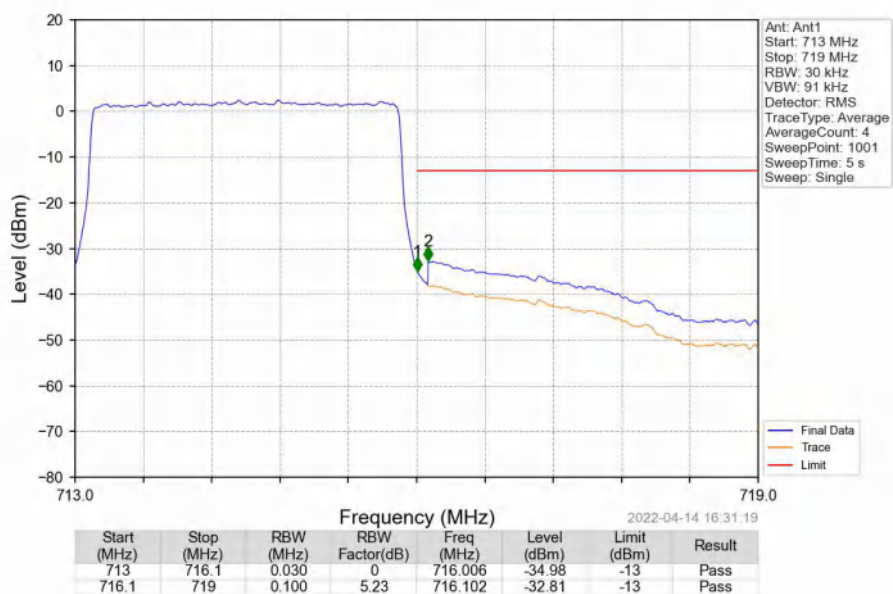
Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV



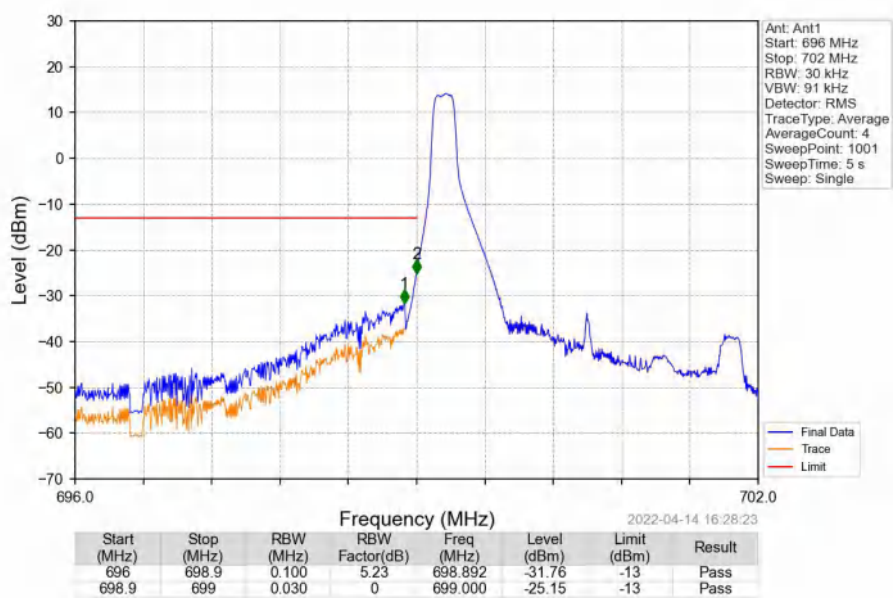
Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



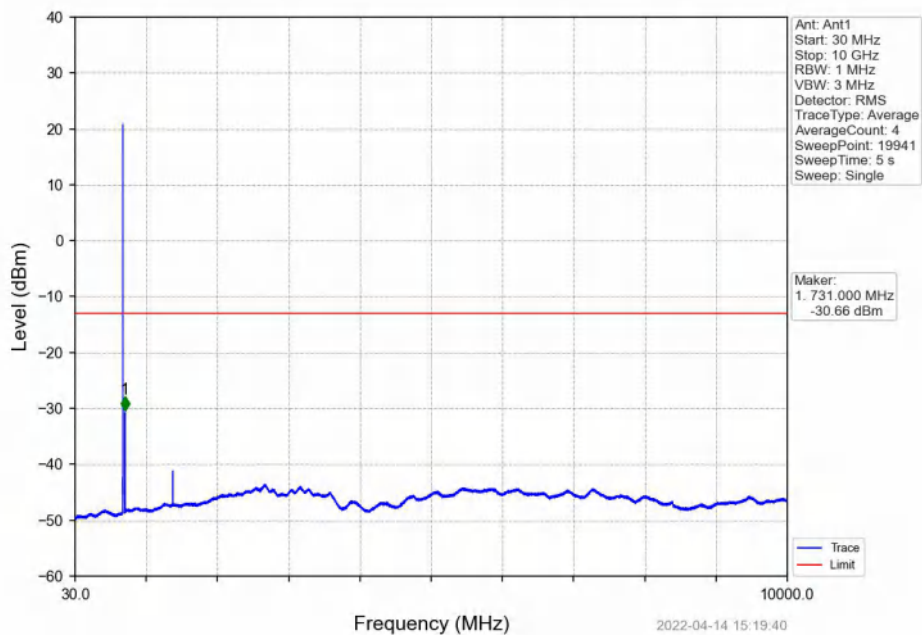
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



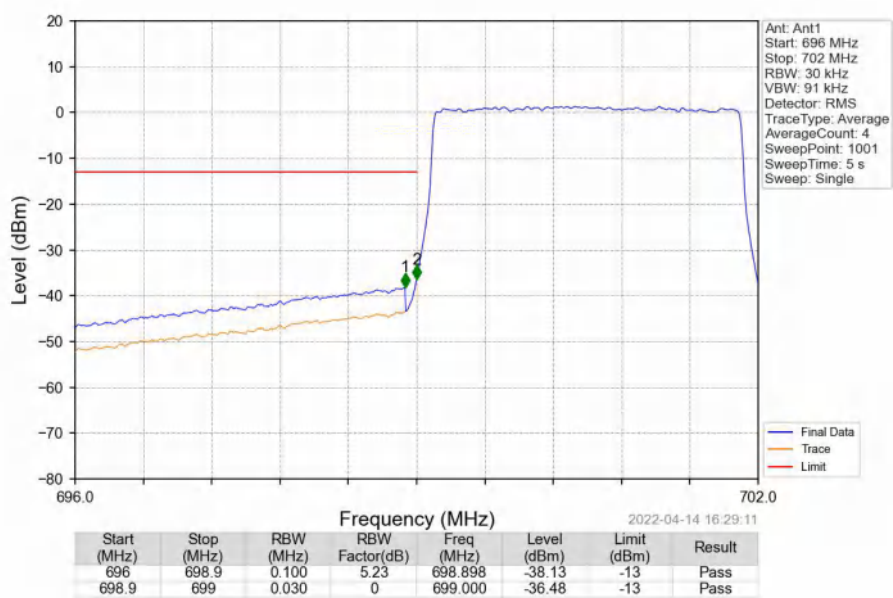
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



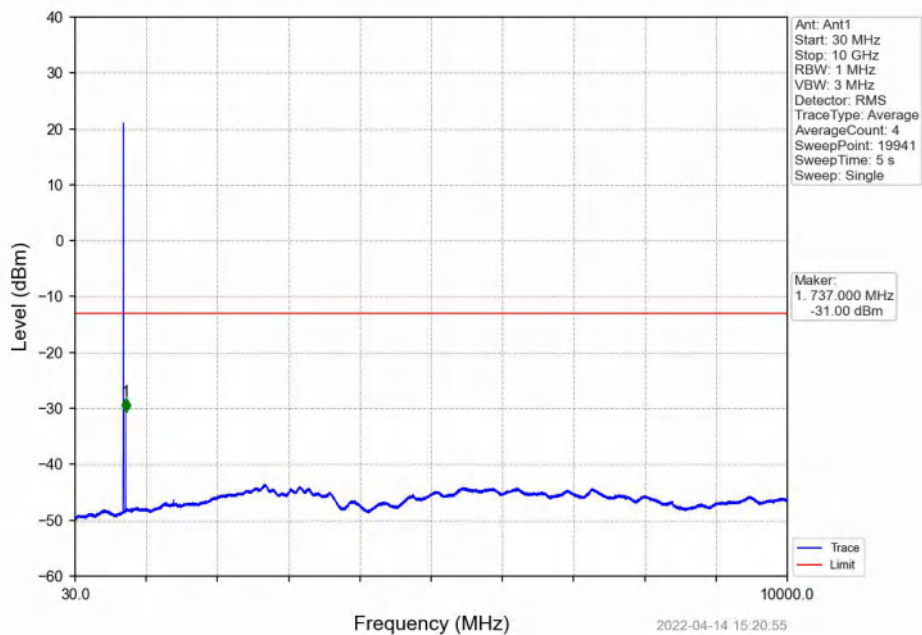
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



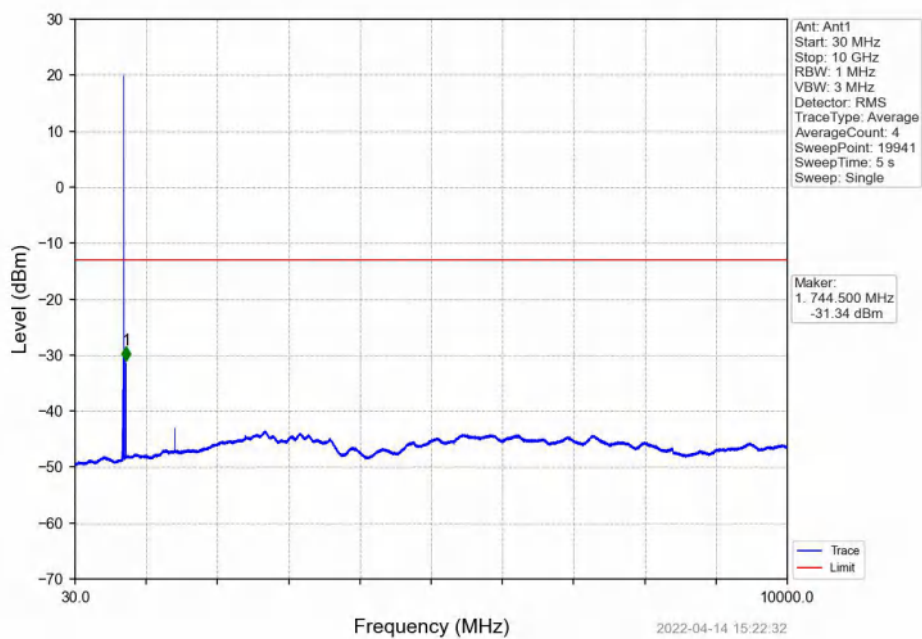
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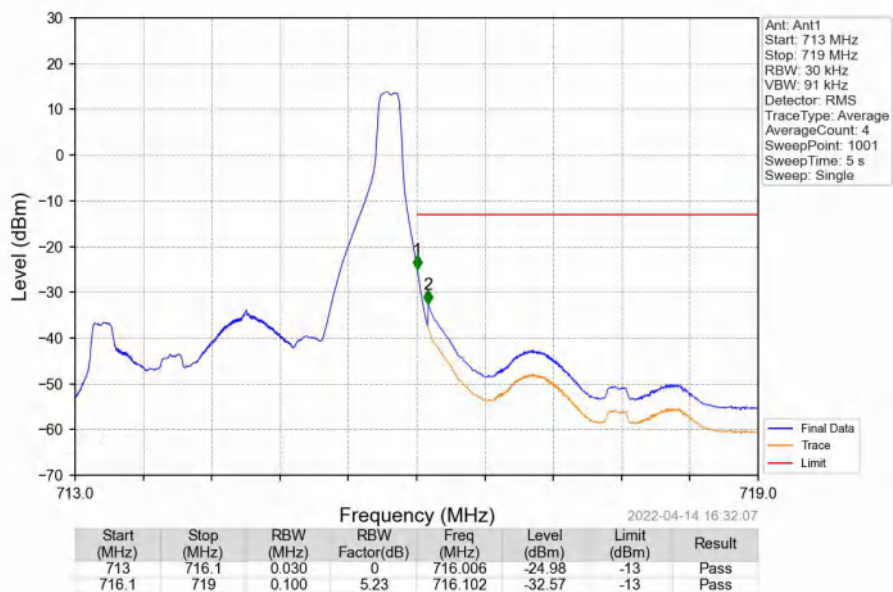
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



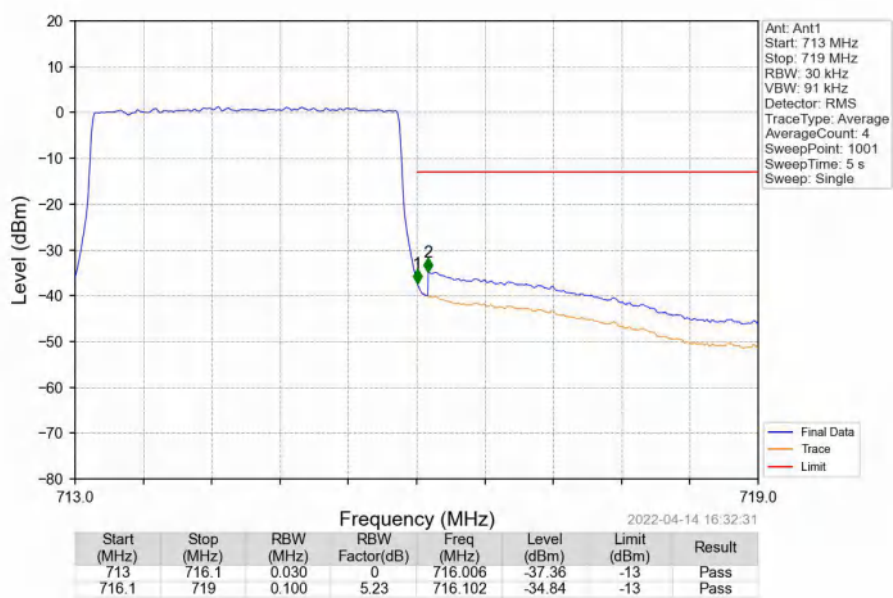
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_14_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV

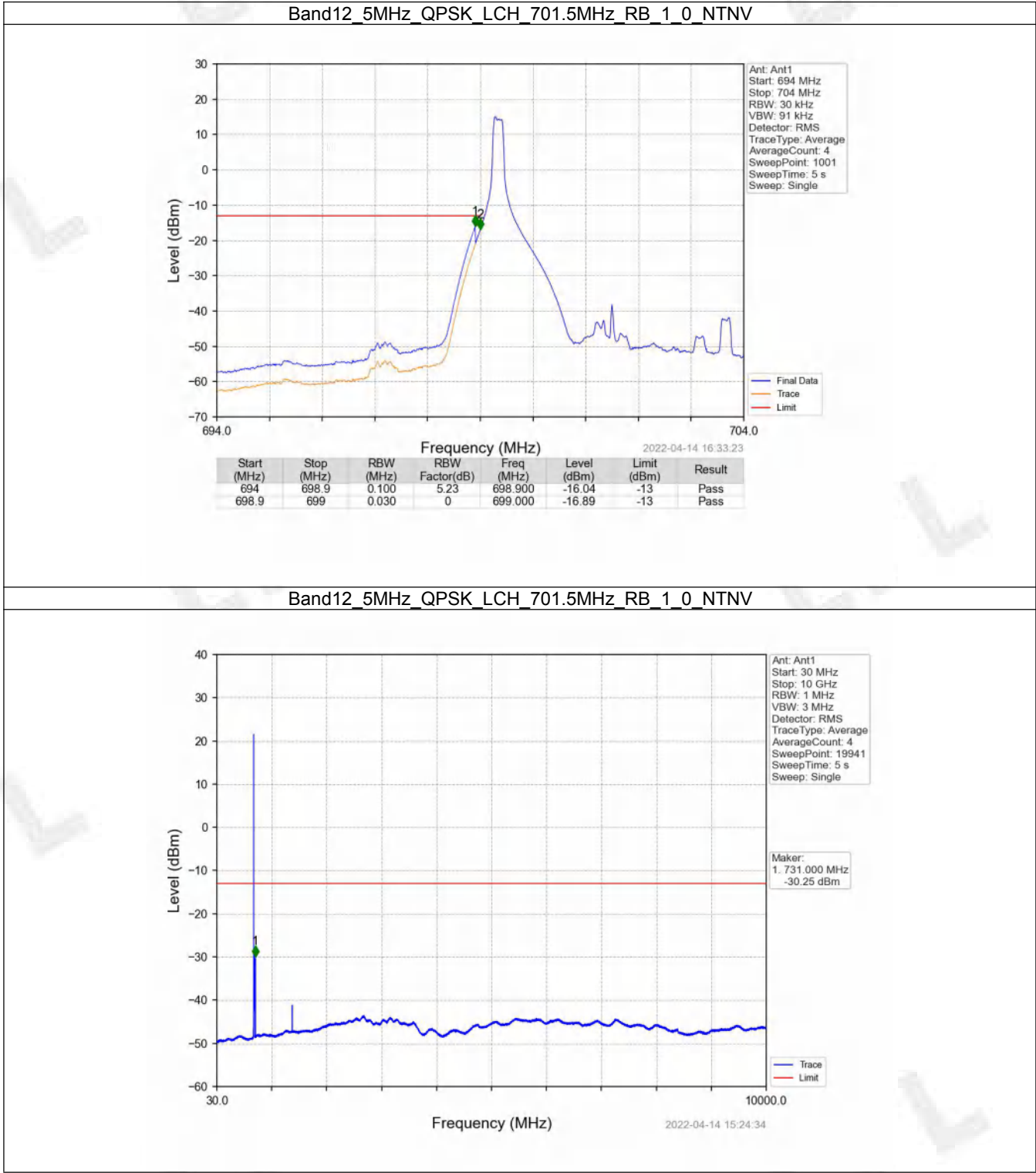


6.3 B12_5MHz

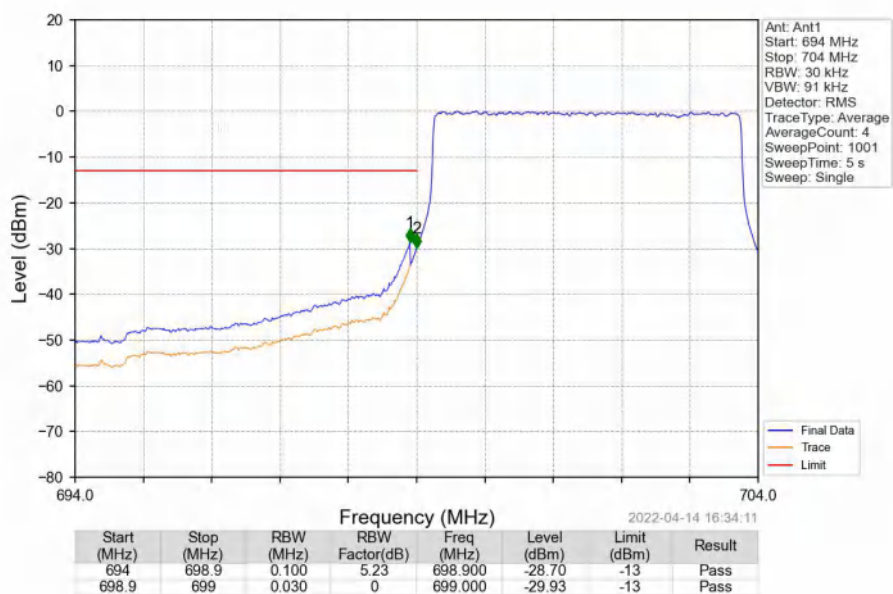
6.3.1 Test Result

Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

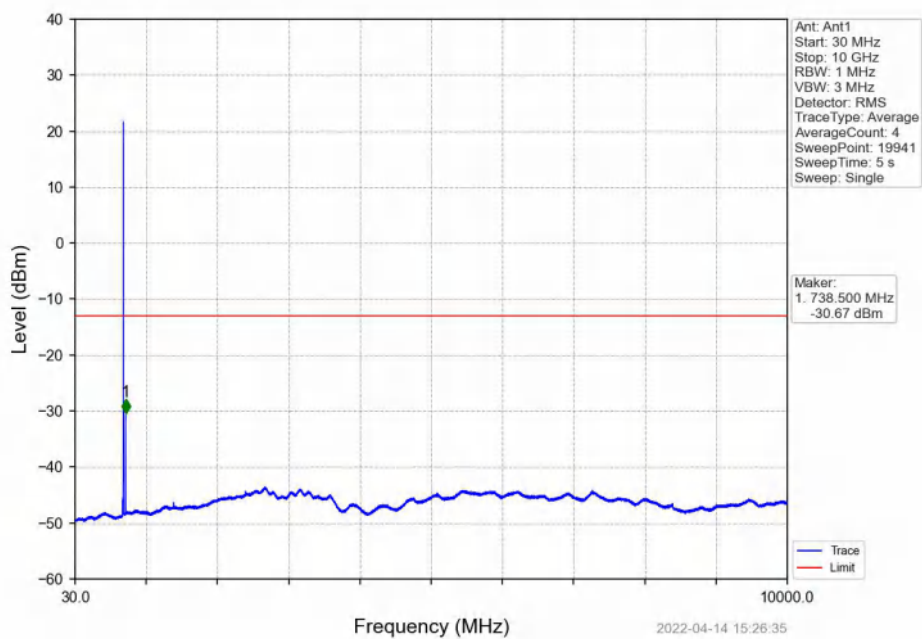
6.3.2 Test Graph



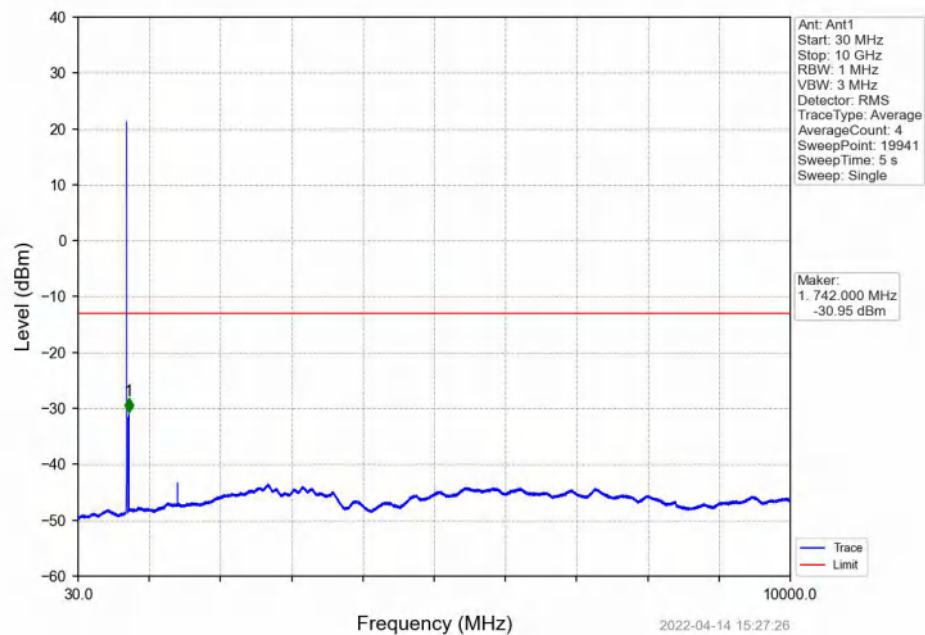
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



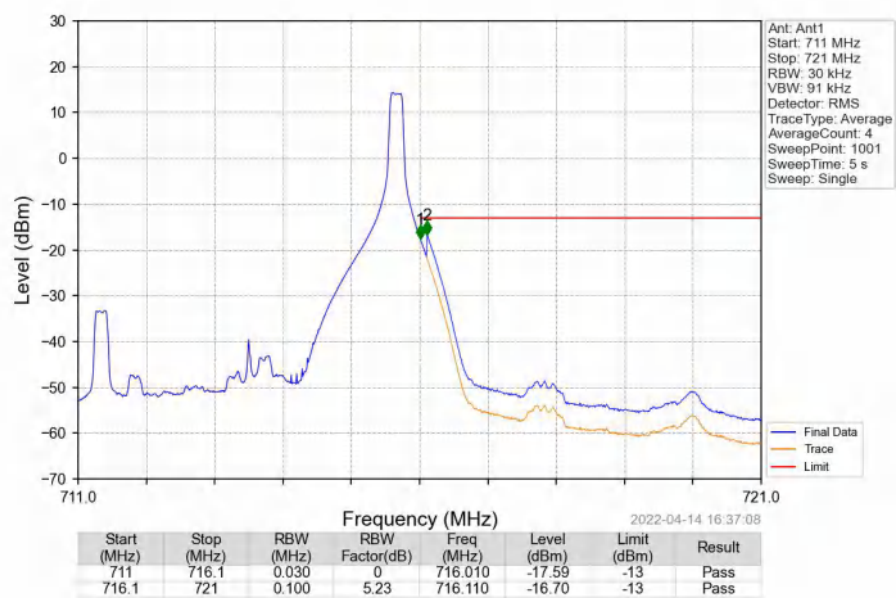
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



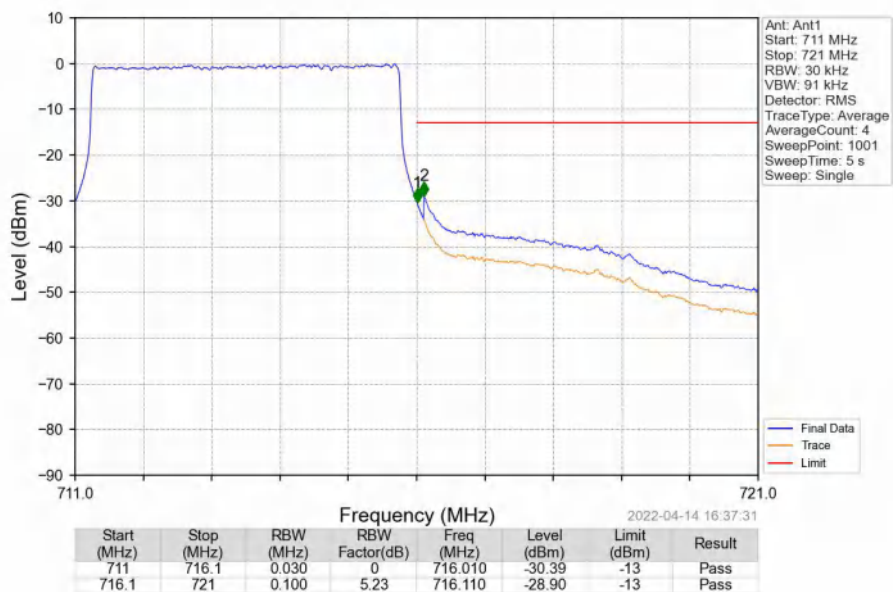
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



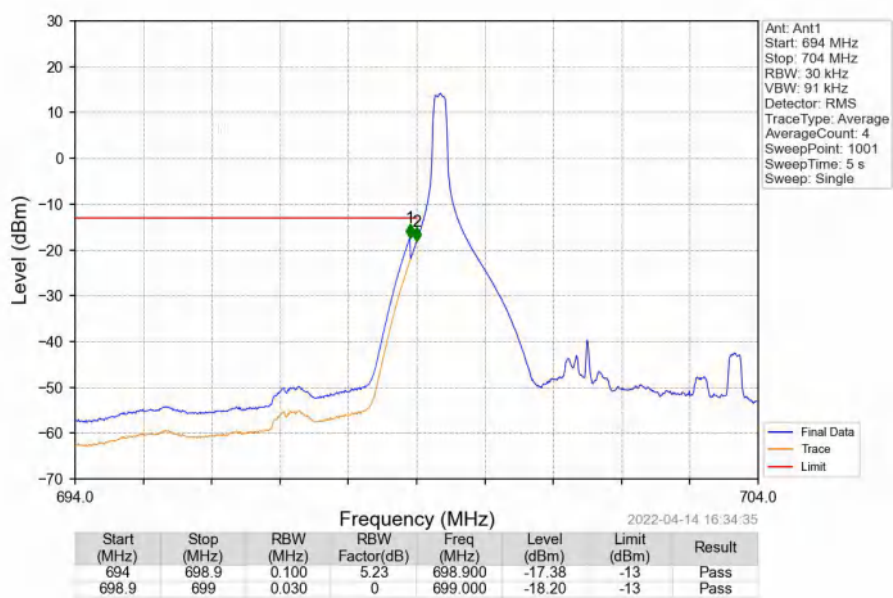
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



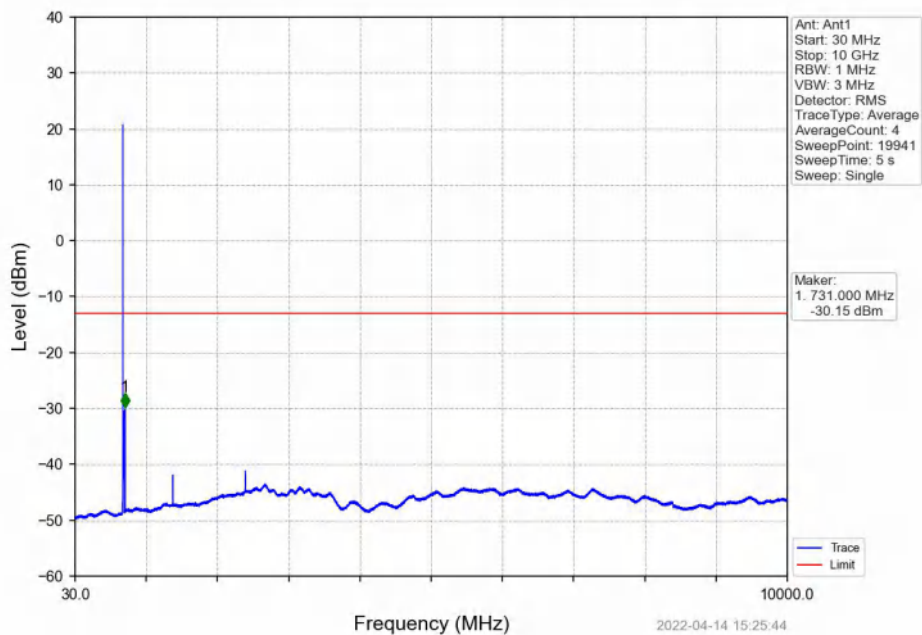
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



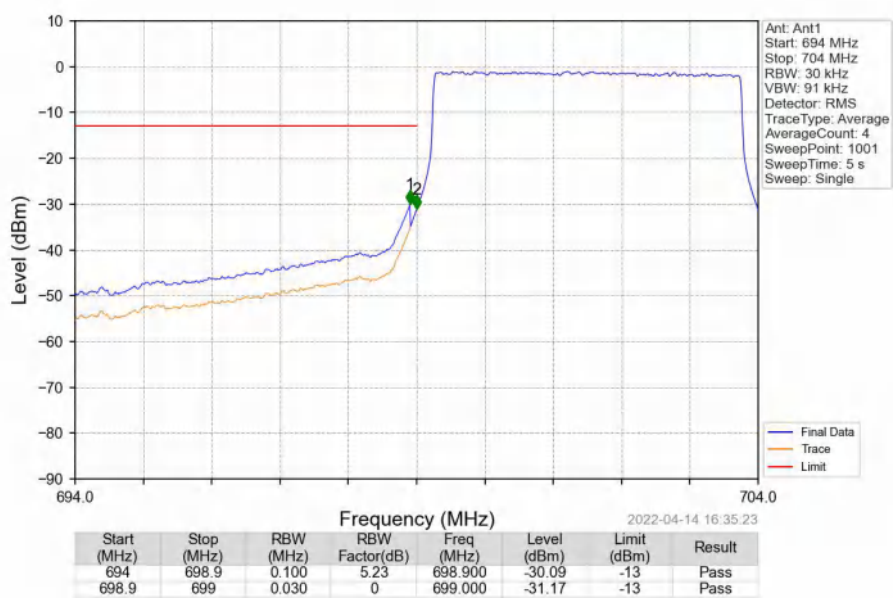
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



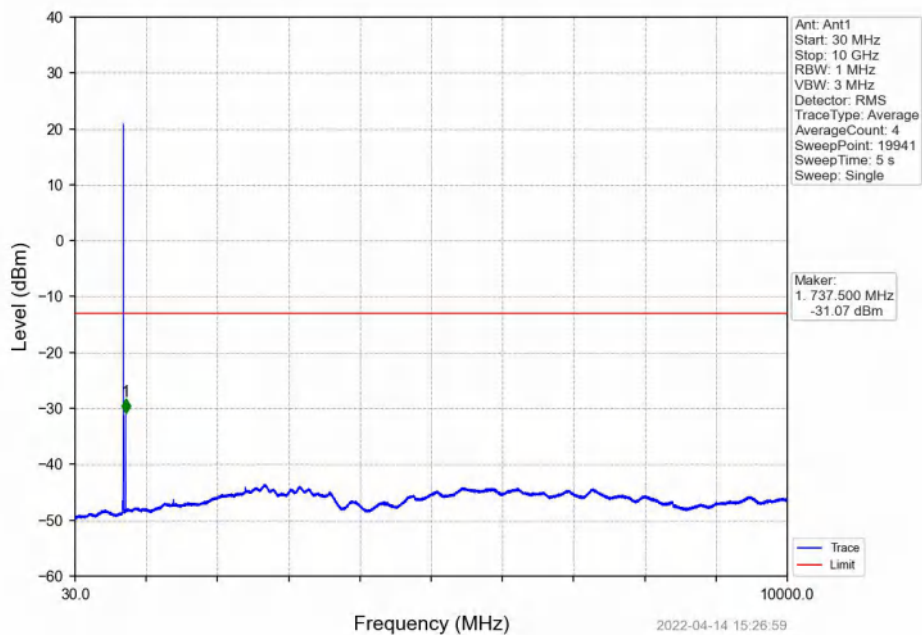
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



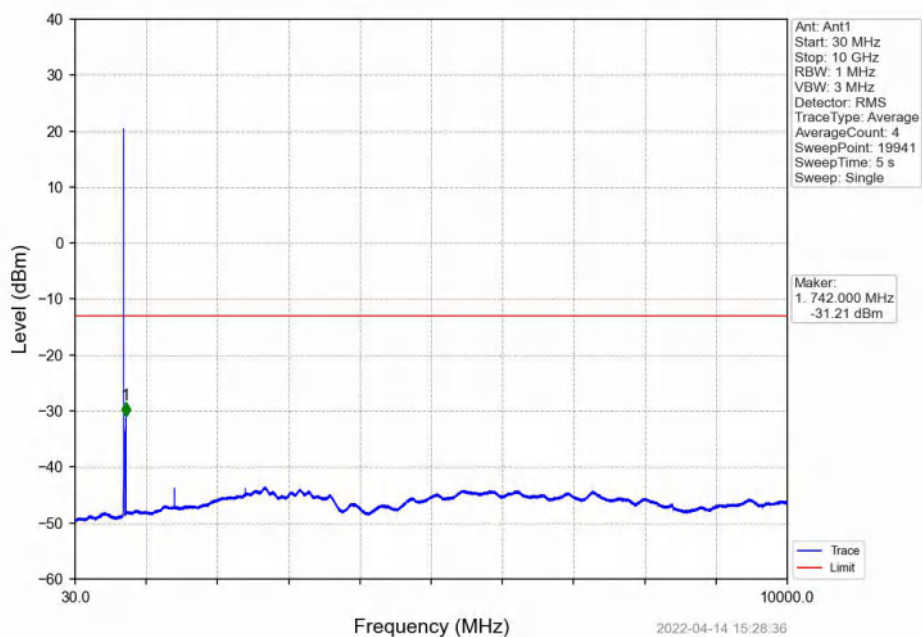
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



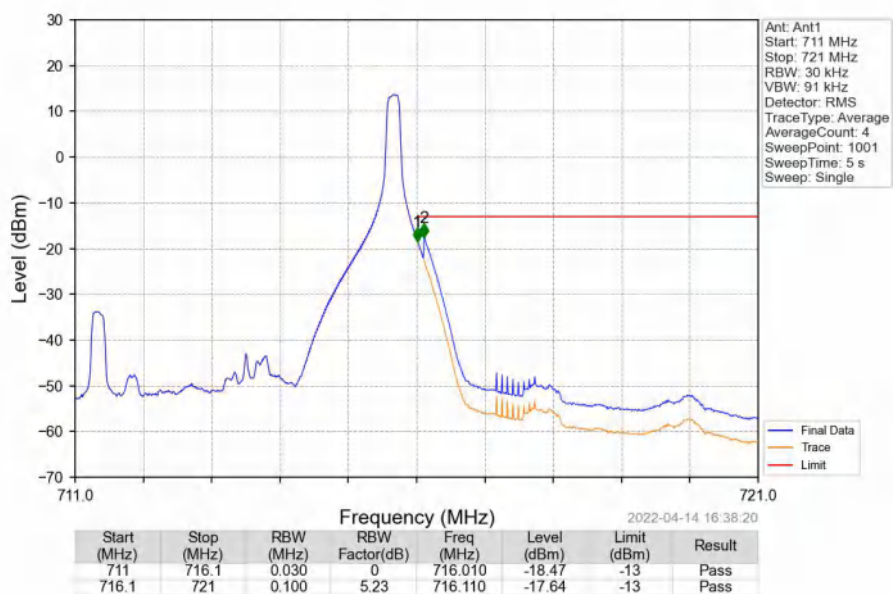
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



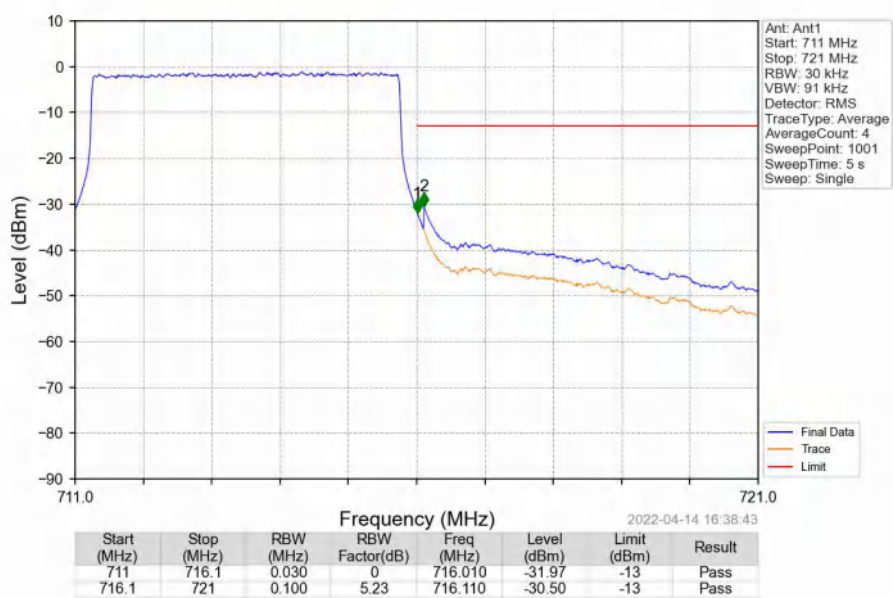
Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

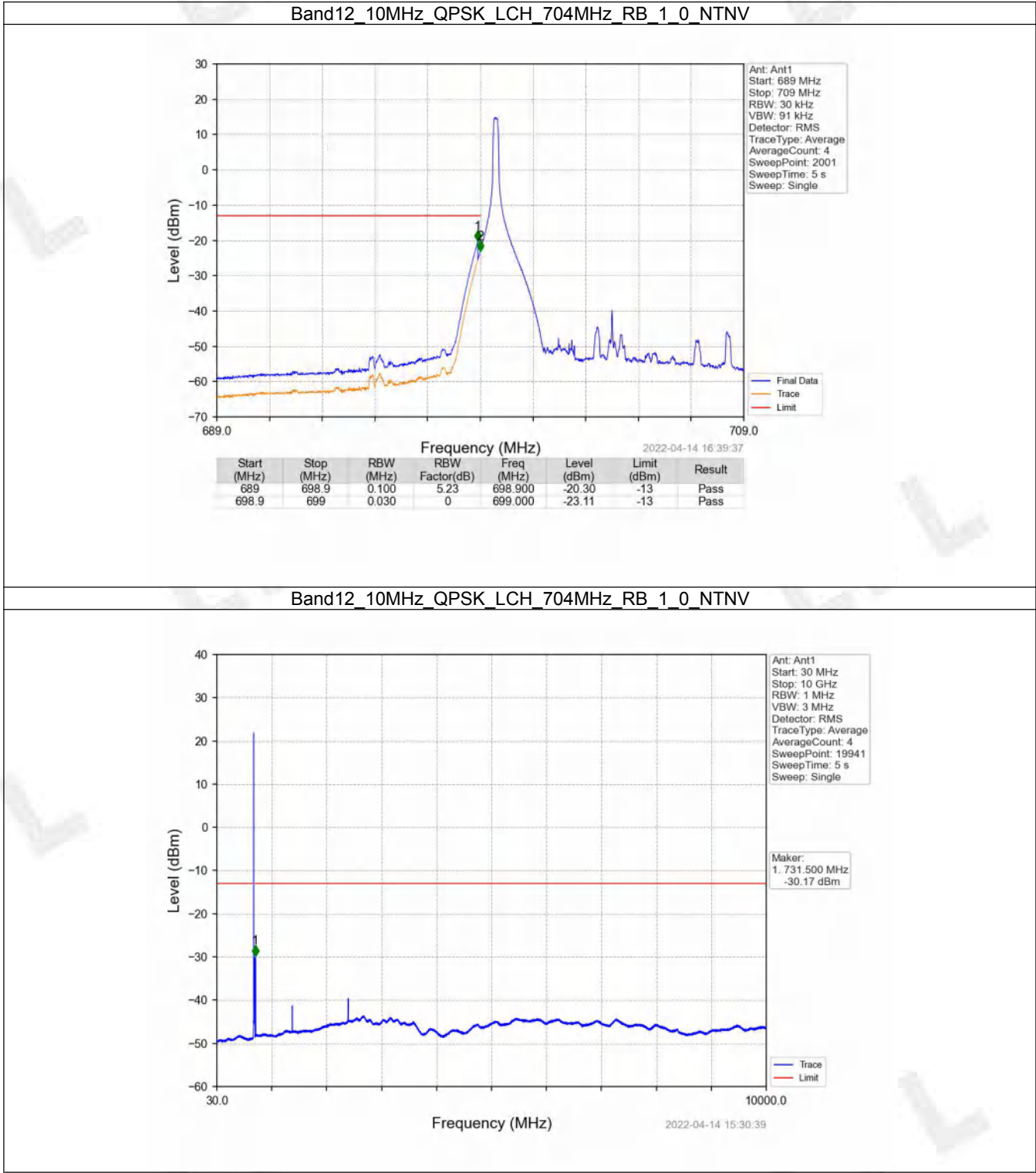


6.4 B12_10MHz

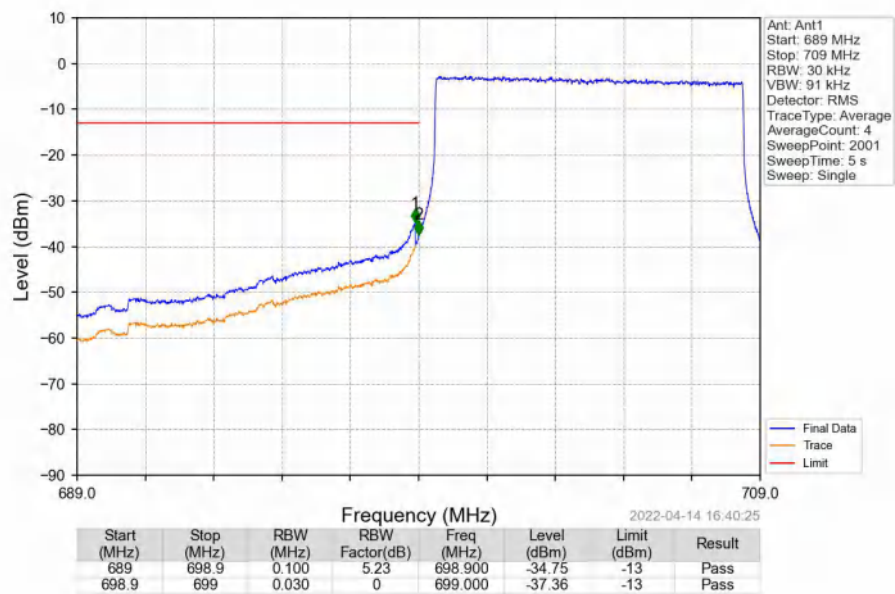
6.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

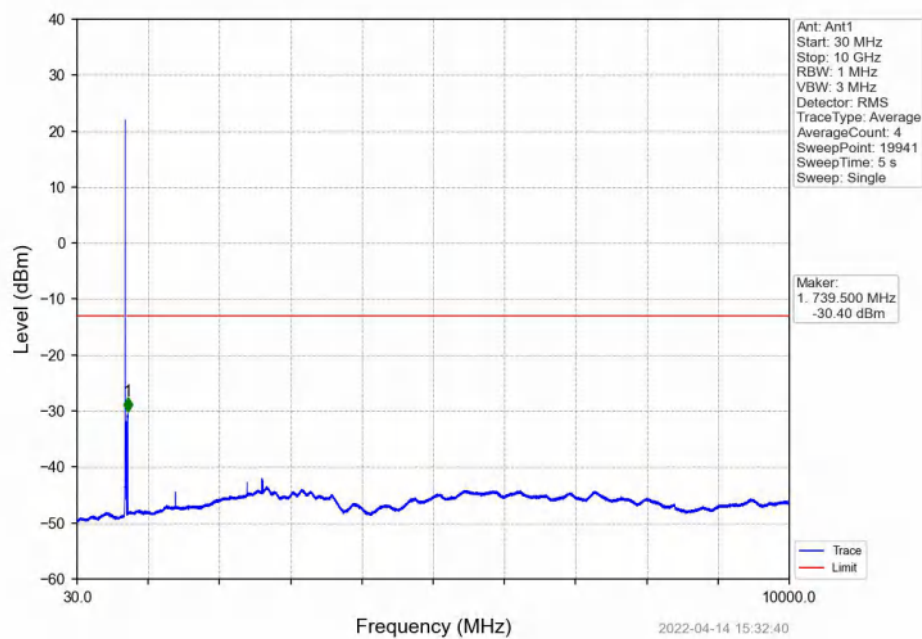
6.4.2 Test Graph



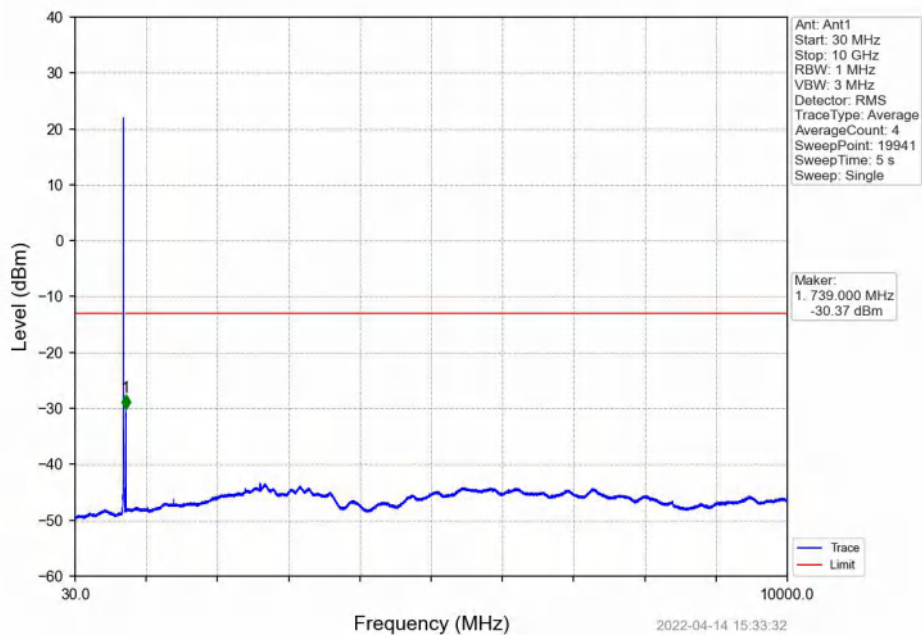
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



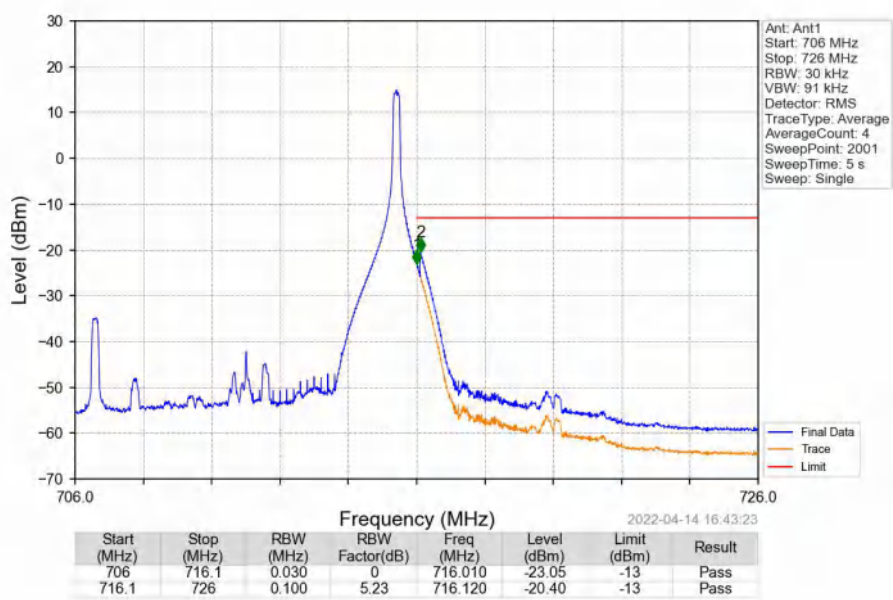
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



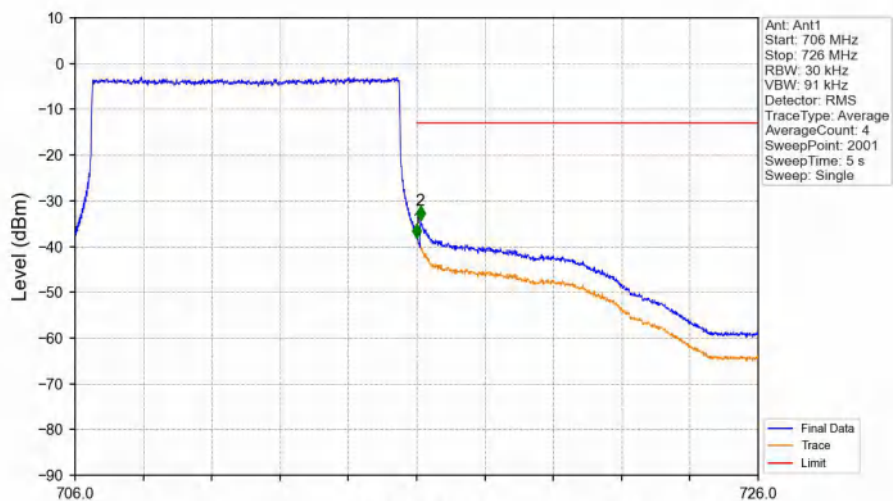
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV

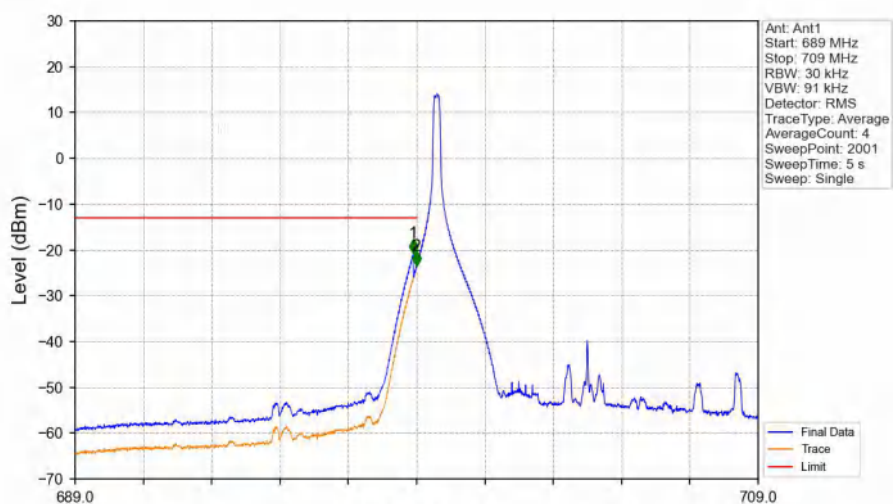


Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



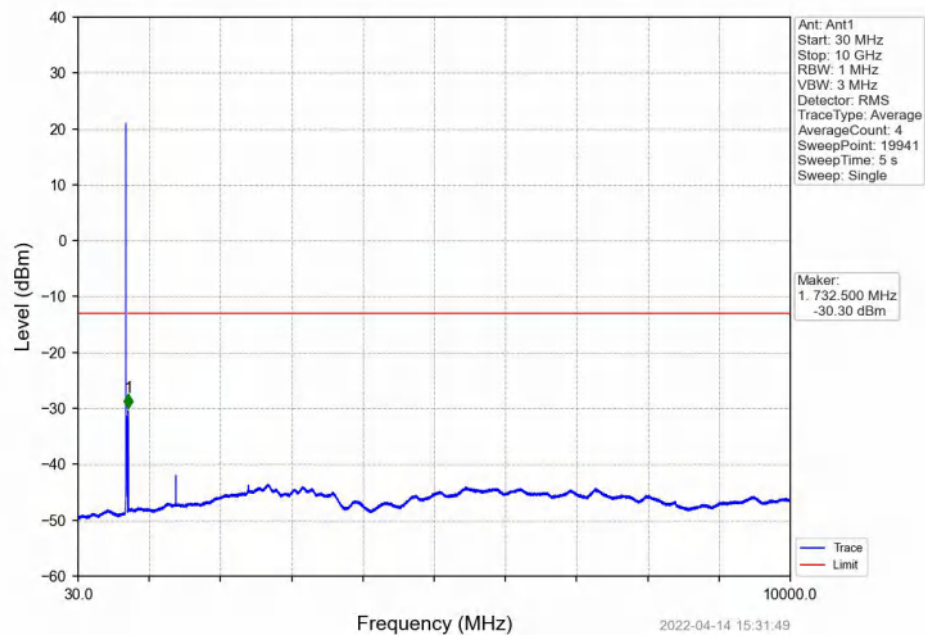
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716.1	0.030	0	716.010	-38.15	-13	Pass
716.1	726	0.100	5.23	716.110	-34.27	-13	Pass

Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV

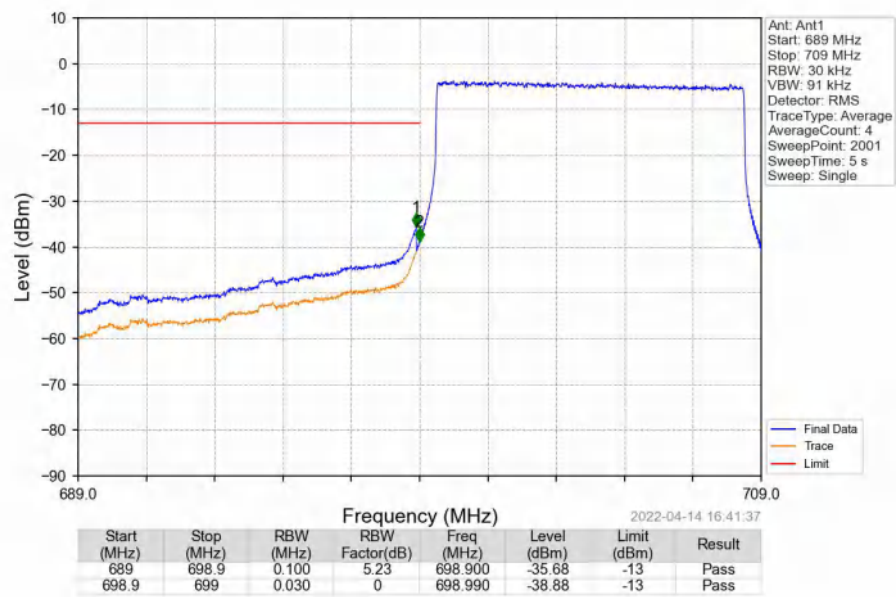


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.100	5.23	698.900	-20.73	-13	Pass
698.9	699	0.030	0	698.990	-23.39	-13	Pass

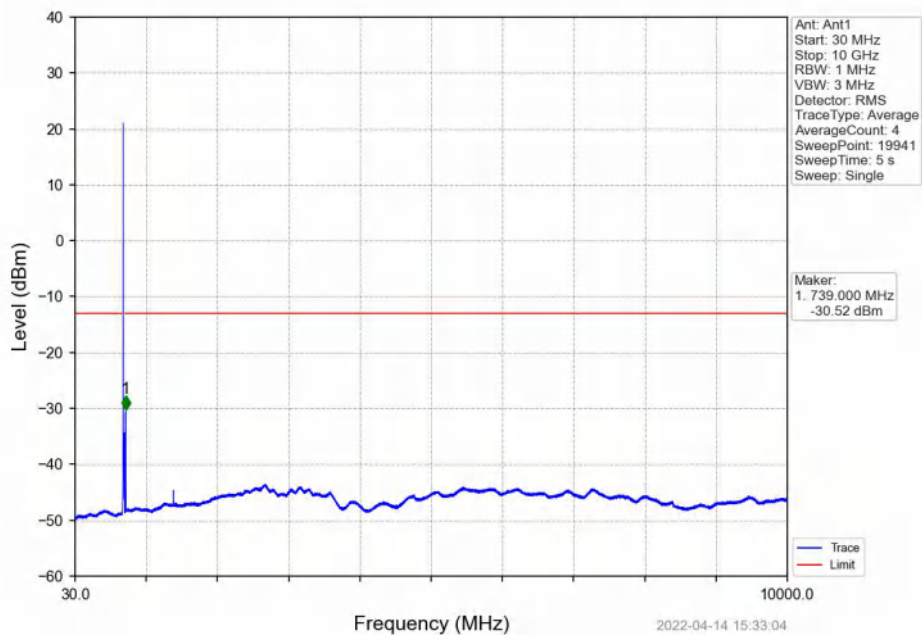
Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



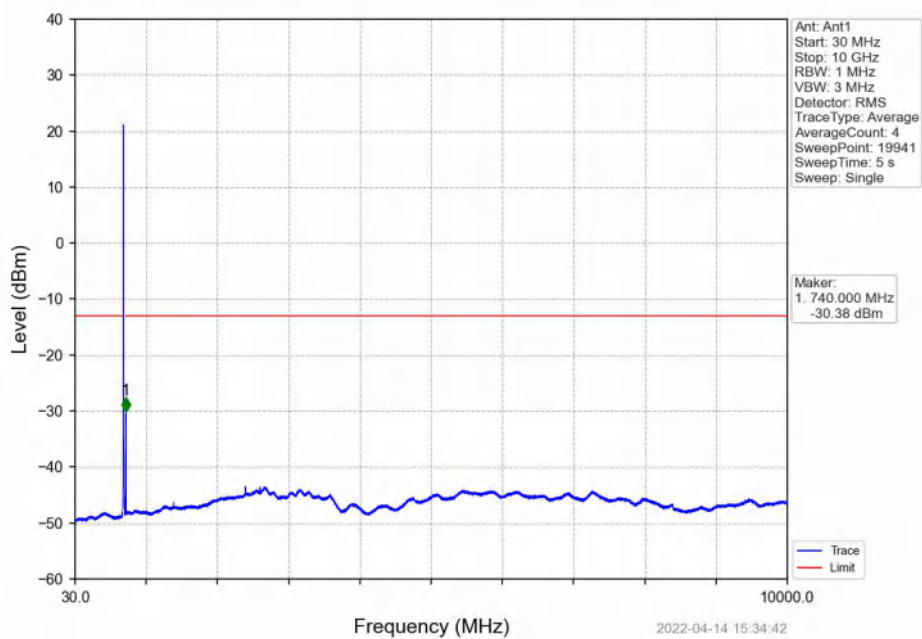
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



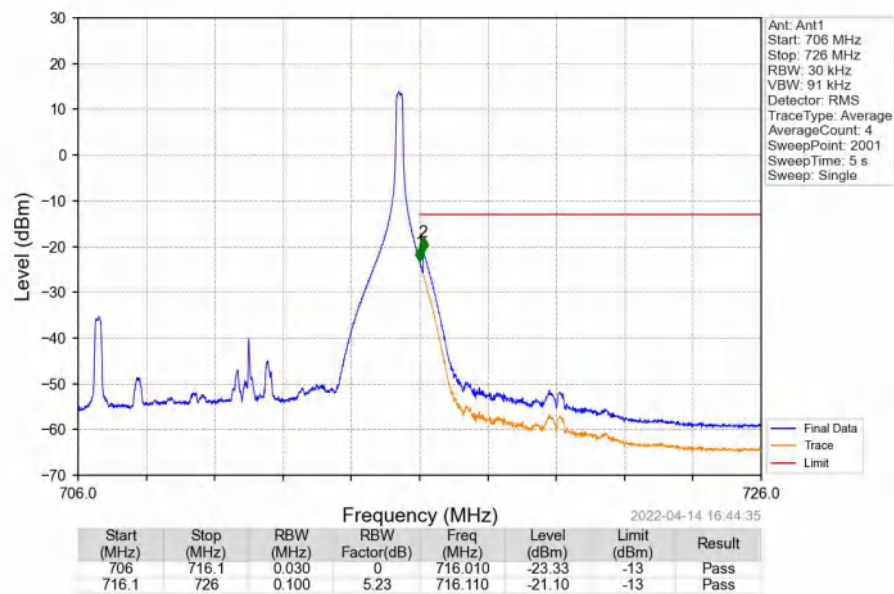
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

