

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	23.52	2.36	23.73	<=34.77	Pass		
			2	23.68	2.36	23.89	<=34.77	Pass		
			5	23.59	2.36	23.80	<=34.77	Pass		
		3	0	23.50	2.36	23.71	<=34.77	Pass		
			2	23.58	2.36	23.79	<=34.77	Pass		
			3	23.17	2.36	23.38	<=34.77	Pass		
		6	0	22.16	2.36	22.37	<=34.77	Pass		
		707.5	1	0	23.15	2.36	23.36	<=34.77	Pass	
				2	23.31	2.36	23.52	<=34.77	Pass	
	5			23.18	2.36	23.39	<=34.77	Pass		
	3		0	23.18	2.36	23.39	<=34.77	Pass		
			2	23.21	2.36	23.42	<=34.77	Pass		
			3	23.20	2.36	23.41	<=34.77	Pass		
	6	0	22.35	2.36	22.56	<=34.77	Pass			
	715.3	1	0	23.24	2.36	23.45	<=34.77	Pass		
			2	23.33	2.36	23.54	<=34.77	Pass		
			5	23.23	2.36	23.44	<=34.77	Pass		
		3	0	23.26	2.36	23.47	<=34.77	Pass		
			2	23.27	2.36	23.48	<=34.77	Pass		
			3	23.21	2.36	23.42	<=34.77	Pass		
		6	0	22.41	2.36	22.62	<=34.77	Pass		
		16QAM	699.7	1	0	22.02	2.36	22.23	<=34.77	Pass
					2	22.14	2.36	22.35	<=34.77	Pass
	5				22.13	2.36	22.34	<=34.77	Pass	
3	0			22.10	2.36	22.31	<=34.77	Pass		
	2			22.15	2.36	22.36	<=34.77	Pass		
	3			22.13	2.36	22.34	<=34.77	Pass		
6	0			21.04	2.36	21.25	<=34.77	Pass		
707.5	1			0	22.30	2.36	22.51	<=34.77	Pass	
				2	22.42	2.36	22.63	<=34.77	Pass	
			5	22.36	2.36	22.57	<=34.77	Pass		
	3		0	22.17	2.36	22.38	<=34.77	Pass		
			2	22.22	2.36	22.43	<=34.77	Pass		
			3	22.22	2.36	22.43	<=34.77	Pass		
6	0		21.28	2.36	21.49	<=34.77	Pass			
715.3	1		0	22.21	2.36	22.42	<=34.77	Pass		
			2	22.27	2.36	22.48	<=34.77	Pass		
			5	22.16	2.36	22.37	<=34.77	Pass		
	3		0	22.43	2.36	22.64	<=34.77	Pass		
			2	22.46	2.36	22.67	<=34.77	Pass		
			3	22.40	2.36	22.61	<=34.77	Pass		
	6		0	21.32	2.36	21.53	<=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 / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	700.5	1	0	23.32	2.36	23.53	<=34.77	Pass		
			7	23.35	2.36	23.56	<=34.77	Pass		
			14	23.22	2.36	23.43	<=34.77	Pass		
		8	0	22.23	2.36	22.44	<=34.77	Pass		
			4	22.27	2.36	22.48	<=34.77	Pass		
			7	22.23	2.36	22.44	<=34.77	Pass		
		15	0	22.21	2.36	22.42	<=34.77	Pass		
		707.5	1	0	23.24	2.36	23.45	<=34.77	Pass	
				7	23.37	2.36	23.58	<=34.77	Pass	
	14			23.31	2.36	23.52	<=34.77	Pass		
	8		0	22.32	2.36	22.53	<=34.77	Pass		
			4	22.41	2.36	22.62	<=34.77	Pass		
			7	22.38	2.36	22.59	<=34.77	Pass		
	15		0	22.35	2.36	22.56	<=34.77	Pass		
	714.5		1	0	23.36	2.36	23.57	<=34.77	Pass	
				7	23.50	2.36	23.71	<=34.77	Pass	
		14		23.40	2.36	23.61	<=34.77	Pass		
		8	0	22.42	2.36	22.63	<=34.77	Pass		
			4	22.46	2.36	22.67	<=34.77	Pass		
			7	22.46	2.36	22.67	<=34.77	Pass		
		15	0	22.42	2.36	22.63	<=34.77	Pass		
		16QAM	700.5	1	0	22.15	2.36	22.36	<=34.77	Pass
					7	22.39	2.36	22.60	<=34.77	Pass
	14				22.26	2.36	22.47	<=34.77	Pass	
8	0			21.22	2.36	21.43	<=34.77	Pass		
	4			21.29	2.36	21.50	<=34.77	Pass		
	7			21.23	2.36	21.44	<=34.77	Pass		
15	0			21.20	2.36	21.41	<=34.77	Pass		
707.5	1			0	22.41	2.36	22.62	<=34.77	Pass	
				7	22.55	2.36	22.76	<=34.77	Pass	
			14	22.47	2.36	22.68	<=34.77	Pass		
	8		0	21.23	2.36	21.44	<=34.77	Pass		
			4	21.33	2.36	21.54	<=34.77	Pass		
			7	21.30	2.36	21.51	<=34.77	Pass		
	15		0	21.25	2.36	21.46	<=34.77	Pass		
	714.5		1	0	22.87	2.36	23.08	<=34.77	Pass	
				7	22.98	2.36	23.19	<=34.77	Pass	
14				22.77	2.36	22.98	<=34.77	Pass		
8			0	21.50	2.36	21.71	<=34.77	Pass		
			4	21.55	2.36	21.76	<=34.77	Pass		
			7	21.53	2.36	21.74	<=34.77	Pass		
15			0	21.42	2.36	21.63	<=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 / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	22.98	2.36	23.19	<=34.77	Pass
			13	23.17	2.36	23.38	<=34.77	Pass
			24	23.14	2.36	23.35	<=34.77	Pass
		12	0	22.24	2.36	22.45	<=34.77	Pass
			6	22.20	2.36	22.41	<=34.77	Pass
			13	22.12	2.36	22.33	<=34.77	Pass
	25	0	22.18	2.36	22.39	<=34.77	Pass	
	707.5	1	0	23.07	2.36	23.28	<=34.77	Pass
			13	23.21	2.36	23.42	<=34.77	Pass
			24	23.18	2.36	23.39	<=34.77	Pass
		12	0	22.12	2.36	22.33	<=34.77	Pass
			6	22.28	2.36	22.49	<=34.77	Pass
			13	22.25	2.36	22.46	<=34.77	Pass
	25	0	22.20	2.36	22.41	<=34.77	Pass	
	713.5	1	0	23.20	2.36	23.41	<=34.77	Pass
			13	23.31	2.36	23.52	<=34.77	Pass
			24	23.21	2.36	23.42	<=34.77	Pass
		12	0	22.40	2.36	22.61	<=34.77	Pass
6			22.38	2.36	22.59	<=34.77	Pass	
13			22.36	2.36	22.57	<=34.77	Pass	
25	0	22.40	2.36	22.61	<=34.77	Pass		
16QAM	701.5	1	0	22.06	2.36	22.27	<=34.77	Pass
			13	22.28	2.36	22.49	<=34.77	Pass
			24	22.27	2.36	22.48	<=34.77	Pass
		12	0	21.18	2.36	21.39	<=34.77	Pass
			6	21.18	2.36	21.39	<=34.77	Pass
			13	21.12	2.36	21.33	<=34.77	Pass
	25	0	21.15	2.36	21.36	<=34.77	Pass	
	707.5	1	0	22.30	2.36	22.51	<=34.77	Pass
			13	22.44	2.36	22.65	<=34.77	Pass
			24	22.43	2.36	22.64	<=34.77	Pass
		12	0	21.15	2.36	21.36	<=34.77	Pass
			6	21.27	2.36	21.48	<=34.77	Pass
			13	21.27	2.36	21.48	<=34.77	Pass
	25	0	21.16	2.36	21.37	<=34.77	Pass	
	713.5	1	0	22.07	2.36	22.28	<=34.77	Pass
			13	22.20	2.36	22.41	<=34.77	Pass
			24	22.05	2.36	22.26	<=34.77	Pass
		12	0	21.36	2.36	21.57	<=34.77	Pass
6			21.35	2.36	21.56	<=34.77	Pass	
13			21.38	2.36	21.59	<=34.77	Pass	
25	0	21.38	2.36	21.59	<=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 / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	704	1	0	23.02	2.36	23.23	<=34.77	Pass		
			25	23.41	2.36	23.62	<=34.77	Pass		
			49	23.26	2.36	23.47	<=34.77	Pass		
		25	0	22.35	2.36	22.56	<=34.77	Pass		
			13	22.31	2.36	22.52	<=34.77	Pass		
			25	22.52	2.36	22.73	<=34.77	Pass		
		50	0	22.43	2.36	22.64	<=34.77	Pass		
		707.5	1	0	23.07	2.36	23.28	<=34.77	Pass	
				25	23.36	2.36	23.57	<=34.77	Pass	
	49			23.25	2.36	23.46	<=34.77	Pass		
	25		0	22.09	2.36	22.30	<=34.77	Pass		
			13	22.33	2.36	22.54	<=34.77	Pass		
			25	22.18	2.36	22.39	<=34.77	Pass		
	50		0	22.14	2.36	22.35	<=34.77	Pass		
	711		1	0	23.10	2.36	23.31	<=34.77	Pass	
				25	23.44	2.36	23.65	<=34.77	Pass	
		49		23.30	2.36	23.51	<=34.77	Pass		
		25	0	22.34	2.36	22.55	<=34.77	Pass		
			13	22.38	2.36	22.59	<=34.77	Pass		
			25	22.35	2.36	22.56	<=34.77	Pass		
		50	0	22.37	2.36	22.58	<=34.77	Pass		
		16QAM	704	1	0	22.01	2.36	22.22	<=34.77	Pass
					25	22.41	2.36	22.62	<=34.77	Pass
	49				22.25	2.36	22.46	<=34.77	Pass	
25	0			21.39	2.36	21.60	<=34.77	Pass		
	13			21.33	2.36	21.54	<=34.77	Pass		
	25			21.50	2.36	21.71	<=34.77	Pass		
50	0			21.39	2.36	21.60	<=34.77	Pass		
707.5	1			0	22.25	2.36	22.46	<=34.77	Pass	
				25	22.54	2.36	22.75	<=34.77	Pass	
			49	22.43	2.36	22.64	<=34.77	Pass		
	25		0	21.08	2.36	21.29	<=34.77	Pass		
			13	21.30	2.36	21.51	<=34.77	Pass		
			25	21.14	2.36	21.35	<=34.77	Pass		
	50		0	21.09	2.36	21.30	<=34.77	Pass		
	711		1	0	22.62	2.36	22.83	<=34.77	Pass	
				25	23.03	2.36	23.24	<=34.77	Pass	
49				22.73	2.36	22.94	<=34.77	Pass		
25			0	21.32	2.36	21.53	<=34.77	Pass		
			13	21.38	2.36	21.59	<=34.77	Pass		
			25	21.30	2.36	21.51	<=34.77	Pass		
50			0	21.26	2.36	21.47	<=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	-8.726	-0.0125	-2.5 to 2.5	Pass
					3.85	-5.951	-0.0085	-2.5 to 2.5	Pass
					4.43	-7.925	-0.0113	-2.5 to 2.5	Pass
				-30	3.85	-6.223	-0.0089	-2.5 to 2.5	Pass
				-20	3.85	-4.592	-0.0066	-2.5 to 2.5	Pass
				-10	3.85	-6.695	-0.0096	-2.5 to 2.5	Pass
				0	3.85	-15.249	-0.0218	-2.5 to 2.5	Pass
				10	3.85	-9.298	-0.0133	-2.5 to 2.5	Pass
				30	3.85	-5.250	-0.0075	-2.5 to 2.5	Pass
	40	3.85	-7.567	-0.0108	-2.5 to 2.5	Pass			
	50	3.85	-7.610	-0.0109	-2.5 to 2.5	Pass			
	707.5	6	0	20	3.27	-10.486	-0.0148	-2.5 to 2.5	Pass
					3.85	-9.899	-0.0140	-2.5 to 2.5	Pass
					4.43	-7.153	-0.0101	-2.5 to 2.5	Pass
				-30	3.85	-6.881	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-6.938	-0.0098	-2.5 to 2.5	Pass
				-10	3.85	-11.287	-0.0160	-2.5 to 2.5	Pass
				0	3.85	-4.792	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-3.533	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-10.128	-0.0143	-2.5 to 2.5	Pass
	40	3.85	-8.397	-0.0119	-2.5 to 2.5	Pass			
	50	3.85	-3.104	-0.0044	-2.5 to 2.5	Pass			
	715.3	6	0	20	3.27	-6.609	-0.0092	-2.5 to 2.5	Pass
					3.85	-8.698	-0.0122	-2.5 to 2.5	Pass
					4.43	-5.665	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-5.636	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-10.471	-0.0146	-2.5 to 2.5	Pass
-10				3.85	-4.778	-0.0067	-2.5 to 2.5	Pass	
0				3.85	-7.381	-0.0103	-2.5 to 2.5	Pass	
10				3.85	-11.358	-0.0159	-2.5 to 2.5	Pass	
30				3.85	-7.052	-0.0099	-2.5 to 2.5	Pass	
40	3.85	-4.907	-0.0069	-2.5 to 2.5	Pass				
50	3.85	-9.456	-0.0132	-2.5 to 2.5	Pass				
16QAM	699.7	6	0	20	3.27	-3.719	-0.0053	-2.5 to 2.5	Pass
					3.85	-6.795	-0.0097	-2.5 to 2.5	Pass
					4.43	-5.779	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-6.738	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-6.967	-0.0100	-2.5 to 2.5	Pass
				-10	3.85	-7.267	-0.0104	-2.5 to 2.5	Pass
				0	3.85	-3.719	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-3.948	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-9.098	-0.0130	-2.5 to 2.5	Pass
	40	3.85	-11.172	-0.0160	-2.5 to 2.5	Pass			
	50	3.85	-4.177	-0.0060	-2.5 to 2.5	Pass			
	707.5	6	0	20	3.27	-4.263	-0.0060	-2.5 to 2.5	Pass
					3.85	-10.600	-0.0150	-2.5 to 2.5	Pass

					4.43	-4.835	-0.0068	-2.5 to 2.5	Pass			
				-30	3.85	-8.254	-0.0117	-2.5 to 2.5	Pass			
				-20	3.85	-8.955	-0.0127	-2.5 to 2.5	Pass			
				-10	3.85	-6.595	-0.0093	-2.5 to 2.5	Pass			
				0	3.85	-5.708	-0.0081	-2.5 to 2.5	Pass			
				10	3.85	-6.266	-0.0089	-2.5 to 2.5	Pass			
				30	3.85	-3.934	-0.0056	-2.5 to 2.5	Pass			
				40	3.85	-5.994	-0.0085	-2.5 to 2.5	Pass			
				50	3.85	-3.920	-0.0055	-2.5 to 2.5	Pass			
	715.3	6	0	20	3.27	-9.012	-0.0126	-2.5 to 2.5	Pass			
								3.85	-4.377	-0.0061	-2.5 to 2.5	Pass
								4.43	-11.129	-0.0156	-2.5 to 2.5	Pass
							-30	3.85	-7.510	-0.0105	-2.5 to 2.5	Pass
							-20	3.85	-3.748	-0.0052	-2.5 to 2.5	Pass
							-10	3.85	-6.137	-0.0086	-2.5 to 2.5	Pass
							0	3.85	-7.253	-0.0101	-2.5 to 2.5	Pass
							10	3.85	-3.362	-0.0047	-2.5 to 2.5	Pass
							30	3.85	-10.901	-0.0152	-2.5 to 2.5	Pass
							40	3.85	-7.324	-0.0102	-2.5 to 2.5	Pass
							50	3.85	-5.865	-0.0082	-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	-7.110	-0.0101	-2.5 to 2.5	Pass				
						3.85	-3.390	-0.0048	-2.5 to 2.5	Pass			
						4.43	-5.751	-0.0082	-2.5 to 2.5	Pass			
								-30	3.85	-6.995	-0.0100	-2.5 to 2.5	Pass
								-20	3.85	-7.911	-0.0113	-2.5 to 2.5	Pass
								-10	3.85	-4.077	-0.0058	-2.5 to 2.5	Pass
								0	3.85	-4.678	-0.0067	-2.5 to 2.5	Pass
								10	3.85	-12.159	-0.0174	-2.5 to 2.5	Pass
								30	3.85	-8.011	-0.0114	-2.5 to 2.5	Pass
								40	3.85	-4.392	-0.0063	-2.5 to 2.5	Pass
								50	3.85	-4.320	-0.0062	-2.5 to 2.5	Pass
					707.5	15	0	20	3.27	-7.610	-0.0108	-2.5 to 2.5	Pass
									3.85	-4.978	-0.0070	-2.5 to 2.5	Pass
									4.43	-2.890	-0.0041	-2.5 to 2.5	Pass
								-30	3.85	-9.012	-0.0127	-2.5 to 2.5	Pass
								-20	3.85	-7.696	-0.0109	-2.5 to 2.5	Pass
								-10	3.85	-7.095	-0.0100	-2.5 to 2.5	Pass
								0	3.85	-6.995	-0.0099	-2.5 to 2.5	Pass
								10	3.85	-7.796	-0.0110	-2.5 to 2.5	Pass
								30	3.85	-4.206	-0.0059	-2.5 to 2.5	Pass
								40	3.85	-3.519	-0.0050	-2.5 to 2.5	Pass
								50	3.85	-6.909	-0.0098	-2.5 to 2.5	Pass
		714.5	15	0				20	3.27	-5.808	-0.0081	-2.5 to 2.5	Pass
									3.85	-6.151	-0.0086	-2.5 to 2.5	Pass
									4.43	-7.482	-0.0105	-2.5 to 2.5	Pass
								-30	3.85	-3.219	-0.0045	-2.5 to 2.5	Pass
					-20	3.85	-8.812	-0.0123	-2.5 to 2.5	Pass			

				-10	3.85	-3.204	-0.0045	-2.5 to 2.5	Pass			
				0	3.85	-8.998	-0.0126	-2.5 to 2.5	Pass			
				10	3.85	-5.193	-0.0073	-2.5 to 2.5	Pass			
				30	3.85	-4.592	-0.0064	-2.5 to 2.5	Pass			
				40	3.85	-2.074	-0.0029	-2.5 to 2.5	Pass			
				50	3.85	-3.462	-0.0048	-2.5 to 2.5	Pass			
16QAM	700.5	15	0	20	3.27	-6.866	-0.0098	-2.5 to 2.5	Pass			
					3.85	-13.762	-0.0196	-2.5 to 2.5	Pass			
					4.43	-6.695	-0.0096	-2.5 to 2.5	Pass			
				-30	3.85	-7.653	-0.0109	-2.5 to 2.5	Pass			
				-20	3.85	-8.283	-0.0118	-2.5 to 2.5	Pass			
				-10	3.85	-8.025	-0.0115	-2.5 to 2.5	Pass			
				0	3.85	-6.967	-0.0099	-2.5 to 2.5	Pass			
				10	3.85	-1.760	-0.0025	-2.5 to 2.5	Pass			
				30	3.85	-12.445	-0.0178	-2.5 to 2.5	Pass			
				40	3.85	-8.311	-0.0119	-2.5 to 2.5	Pass			
				50	3.85	-5.822	-0.0083	-2.5 to 2.5	Pass			
				707.5	15	0	20	3.27	-4.034	-0.0057	-2.5 to 2.5	Pass
								3.85	-6.509	-0.0092	-2.5 to 2.5	Pass
								4.43	-1.688	-0.0024	-2.5 to 2.5	Pass
							-30	3.85	-6.480	-0.0092	-2.5 to 2.5	Pass
	-20	3.85	-4.821				-0.0068	-2.5 to 2.5	Pass			
	-10	3.85	-1.416				-0.0020	-2.5 to 2.5	Pass			
	0	3.85	-9.069				-0.0128	-2.5 to 2.5	Pass			
	10	3.85	-0.343				-0.0005	-2.5 to 2.5	Pass			
	30	3.85	-5.722				-0.0081	-2.5 to 2.5	Pass			
	40	3.85	-5.980				-0.0085	-2.5 to 2.5	Pass			
	50	3.85	-7.410				-0.0105	-2.5 to 2.5	Pass			
	714.5	15	0				20	3.27	-5.608	-0.0078	-2.5 to 2.5	Pass
								3.85	-4.592	-0.0064	-2.5 to 2.5	Pass
								4.43	-7.925	-0.0111	-2.5 to 2.5	Pass
							-30	3.85	-8.254	-0.0116	-2.5 to 2.5	Pass
				-20	3.85	-4.764	-0.0067	-2.5 to 2.5	Pass			
				-10	3.85	-8.268	-0.0116	-2.5 to 2.5	Pass			
				0	3.85	-1.888	-0.0026	-2.5 to 2.5	Pass			
				10	3.85	-11.358	-0.0159	-2.5 to 2.5	Pass			
30				3.85	-8.698	-0.0122	-2.5 to 2.5	Pass				
40				3.85	-7.682	-0.0108	-2.5 to 2.5	Pass				
50				3.85	-7.124	-0.0100	-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	-5.136	-0.0073	-2.5 to 2.5	Pass
					3.85	-5.393	-0.0077	-2.5 to 2.5	Pass
					4.43	-5.608	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-5.150	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-7.110	-0.0101	-2.5 to 2.5	Pass
				-10	3.85	-13.118	-0.0187	-2.5 to 2.5	Pass
				0	3.85	-5.965	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-6.595	-0.0094	-2.5 to 2.5	Pass

	707.5	25	0	30	3.85	-7.310	-0.0104	-2.5 to 2.5	Pass	
				40	3.85	-2.975	-0.0042	-2.5 to 2.5	Pass	
				50	3.85	-6.166	-0.0088	-2.5 to 2.5	Pass	
				20	3.27	-6.480	-0.0092	-2.5 to 2.5	Pass	
					3.85	-2.618	-0.0037	-2.5 to 2.5	Pass	
					4.43	-2.403	-0.0034	-2.5 to 2.5	Pass	
				-30	3.85	-2.360	-0.0033	-2.5 to 2.5	Pass	
				-20	3.85	-1.330	-0.0019	-2.5 to 2.5	Pass	
				-10	3.85	-1.702	-0.0024	-2.5 to 2.5	Pass	
				0	3.85	-8.898	-0.0126	-2.5 to 2.5	Pass	
				10	3.85	-9.484	-0.0134	-2.5 to 2.5	Pass	
				30	3.85	-3.648	-0.0052	-2.5 to 2.5	Pass	
	40	3.85	-6.409	-0.0091	-2.5 to 2.5	Pass				
	50	3.85	-3.762	-0.0053	-2.5 to 2.5	Pass				
	713.5	25	0	20	3.27	-7.238	-0.0101	-2.5 to 2.5	Pass	
					3.85	-4.048	-0.0057	-2.5 to 2.5	Pass	
					4.43	-7.911	-0.0111	-2.5 to 2.5	Pass	
				-30	3.85	-9.785	-0.0137	-2.5 to 2.5	Pass	
				-20	3.85	-6.166	-0.0086	-2.5 to 2.5	Pass	
				-10	3.85	-4.306	-0.0060	-2.5 to 2.5	Pass	
				0	3.85	-8.283	-0.0116	-2.5 to 2.5	Pass	
				10	3.85	-4.435	-0.0062	-2.5 to 2.5	Pass	
				30	3.85	-5.479	-0.0077	-2.5 to 2.5	Pass	
				40	3.85	-7.381	-0.0103	-2.5 to 2.5	Pass	
				50	3.85	-3.247	-0.0046	-2.5 to 2.5	Pass	
				16QAM	701.5	25	0	20	3.27	-8.740
	3.85	-8.197	-0.0117						-2.5 to 2.5	Pass
	4.43	-6.137	-0.0087						-2.5 to 2.5	Pass
	-30	3.85	-6.895					-0.0098	-2.5 to 2.5	Pass
	-20	3.85	-6.123					-0.0087	-2.5 to 2.5	Pass
-10	3.85	-11.644	-0.0166					-2.5 to 2.5	Pass	
0	3.85	-6.537	-0.0093					-2.5 to 2.5	Pass	
10	3.85	-4.950	-0.0071					-2.5 to 2.5	Pass	
30	3.85	-2.875	-0.0041					-2.5 to 2.5	Pass	
40	3.85	-10.414	-0.0148					-2.5 to 2.5	Pass	
50	3.85	-12.875	-0.0184					-2.5 to 2.5	Pass	
707.5	25	0	20					3.27	-10.242	-0.0145
					3.85	-5.035	-0.0071	-2.5 to 2.5	Pass	
					4.43	-4.263	-0.0060	-2.5 to 2.5	Pass	
			-30		3.85	-7.639	-0.0108	-2.5 to 2.5	Pass	
			-20		3.85	-4.992	-0.0071	-2.5 to 2.5	Pass	
			-10		3.85	-3.877	-0.0055	-2.5 to 2.5	Pass	
			0		3.85	-1.702	-0.0024	-2.5 to 2.5	Pass	
			10		3.85	-7.210	-0.0102	-2.5 to 2.5	Pass	
			30		3.85	0.687	0.0010	-2.5 to 2.5	Pass	
			40		3.85	-6.108	-0.0086	-2.5 to 2.5	Pass	
			50		3.85	-3.748	-0.0053	-2.5 to 2.5	Pass	
			713.5		25	0	20	3.27	-4.420	-0.0062
3.85	-11.158	-0.0156						-2.5 to 2.5	Pass	
4.43	-6.223	-0.0087						-2.5 to 2.5	Pass	
-30	3.85	-9.813					-0.0138	-2.5 to 2.5	Pass	
-20	3.85	-10.014					-0.0140	-2.5 to 2.5	Pass	
-10	3.85	-8.311					-0.0116	-2.5 to 2.5	Pass	
0	3.85	-3.633					-0.0051	-2.5 to 2.5	Pass	
10	3.85	-6.094					-0.0085	-2.5 to 2.5	Pass	
30	3.85	-2.460		-0.0034			-2.5 to 2.5	Pass		
40	3.85	-2.003		-0.0028			-2.5 to 2.5	Pass		

				50	3.85	-4.334	-0.0061	-2.5 to 2.5	Pass
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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	-6.166	-0.0088	-2.5 to 2.5	Pass
					3.85	-3.791	-0.0054	-2.5 to 2.5	Pass
					4.43	-2.675	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-9.499	-0.0135	-2.5 to 2.5	Pass
				-20	3.85	-7.610	-0.0108	-2.5 to 2.5	Pass
				-10	3.85	-5.035	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-5.965	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-5.593	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-8.554	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-6.781	-0.0096	-2.5 to 2.5	Pass
	50	3.85	-4.463	-0.0063	-2.5 to 2.5	Pass			
	707.5	50	0	20	3.27	-5.765	-0.0081	-2.5 to 2.5	Pass
					3.85	-5.836	-0.0082	-2.5 to 2.5	Pass
					4.43	-4.706	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-7.868	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-8.755	-0.0124	-2.5 to 2.5	Pass
				-10	3.85	-7.482	-0.0106	-2.5 to 2.5	Pass
				0	3.85	-4.320	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-7.367	-0.0104	-2.5 to 2.5	Pass
				30	3.85	-6.022	-0.0085	-2.5 to 2.5	Pass
				40	3.85	-6.380	-0.0090	-2.5 to 2.5	Pass
	50	3.85	-2.933	-0.0041	-2.5 to 2.5	Pass			
	711	50	0	20	3.27	-6.895	-0.0097	-2.5 to 2.5	Pass
					3.85	-7.854	-0.0110	-2.5 to 2.5	Pass
					4.43	-8.340	-0.0117	-2.5 to 2.5	Pass
				-30	3.85	-4.320	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-5.107	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-2.689	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-6.223	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-7.353	-0.0103	-2.5 to 2.5	Pass
30				3.85	-6.051	-0.0085	-2.5 to 2.5	Pass	
40				3.85	-2.975	-0.0042	-2.5 to 2.5	Pass	
50	3.85	-6.709	-0.0094	-2.5 to 2.5	Pass				
16QAM	704	50	0	20	3.27	-5.522	-0.0078	-2.5 to 2.5	Pass
					3.85	-7.496	-0.0106	-2.5 to 2.5	Pass
					4.43	-5.922	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	-7.167	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-5.250	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-9.828	-0.0140	-2.5 to 2.5	Pass
				0	3.85	-10.157	-0.0144	-2.5 to 2.5	Pass
				10	3.85	-5.679	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-8.082	-0.0115	-2.5 to 2.5	Pass
				40	3.85	-5.736	-0.0081	-2.5 to 2.5	Pass
	50	3.85	-5.965	-0.0085	-2.5 to 2.5	Pass			
	707.5	50	0	20	3.27	-4.063	-0.0057	-2.5 to 2.5	Pass
					3.85	-5.021	-0.0071	-2.5 to 2.5	Pass

					4.43	-5.994	-0.0085	-2.5 to 2.5	Pass			
				-30	3.85	-8.082	-0.0114	-2.5 to 2.5	Pass			
				-20	3.85	-5.965	-0.0084	-2.5 to 2.5	Pass			
				-10	3.85	-3.977	-0.0056	-2.5 to 2.5	Pass			
				0	3.85	-7.210	-0.0102	-2.5 to 2.5	Pass			
				10	3.85	-5.965	-0.0084	-2.5 to 2.5	Pass			
				30	3.85	-6.552	-0.0093	-2.5 to 2.5	Pass			
				40	3.85	-3.905	-0.0055	-2.5 to 2.5	Pass			
				50	3.85	-4.678	-0.0066	-2.5 to 2.5	Pass			
	711	50	0	20	3.27	-8.597	-0.0121	-2.5 to 2.5	Pass			
3.85					-3.848	-0.0054	-2.5 to 2.5	Pass				
4.43					-5.236	-0.0074	-2.5 to 2.5	Pass				
							-30	3.85	-5.779	-0.0081	-2.5 to 2.5	Pass
							-20	3.85	-4.463	-0.0063	-2.5 to 2.5	Pass
							-10	3.85	-6.065	-0.0085	-2.5 to 2.5	Pass
							0	3.85	-5.436	-0.0076	-2.5 to 2.5	Pass
							10	3.85	-4.692	-0.0066	-2.5 to 2.5	Pass
							30	3.85	-6.137	-0.0086	-2.5 to 2.5	Pass
							40	3.85	-6.924	-0.0097	-2.5 to 2.5	Pass
							50	3.85	-5.679	-0.0080	-2.5 to 2.5	Pass

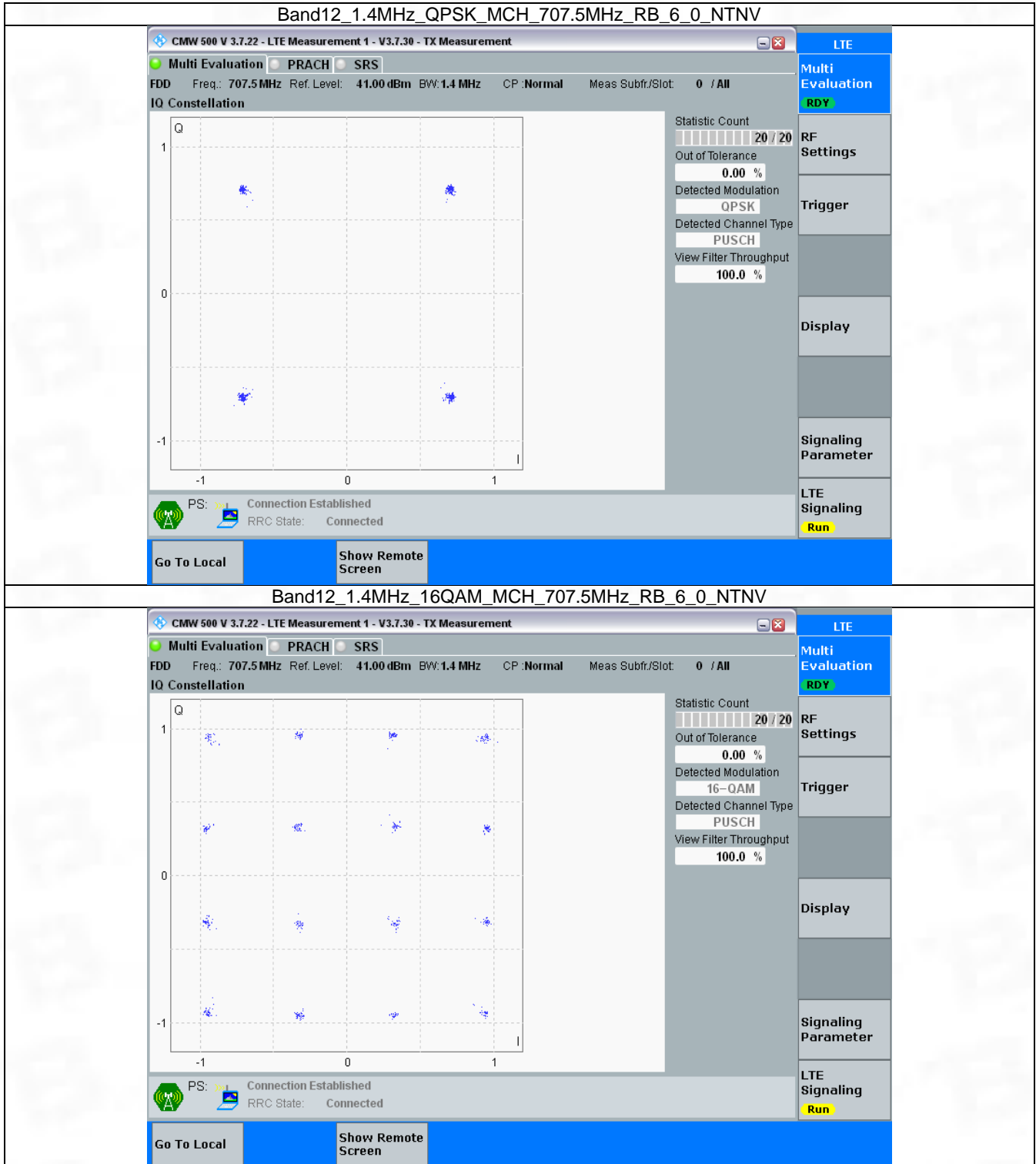
3. Modulation Characteristics

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

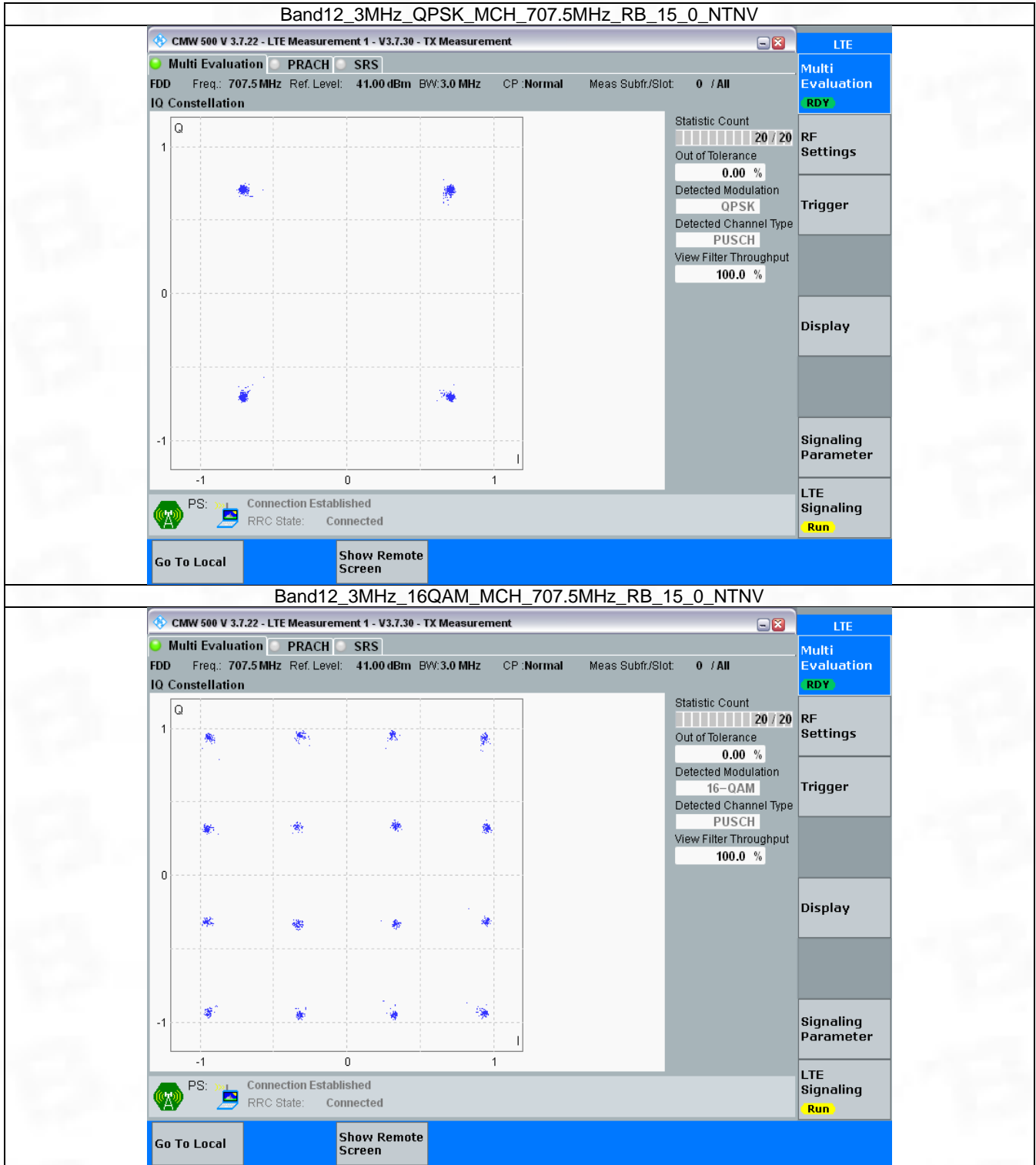


3.2 B12_3MHz

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

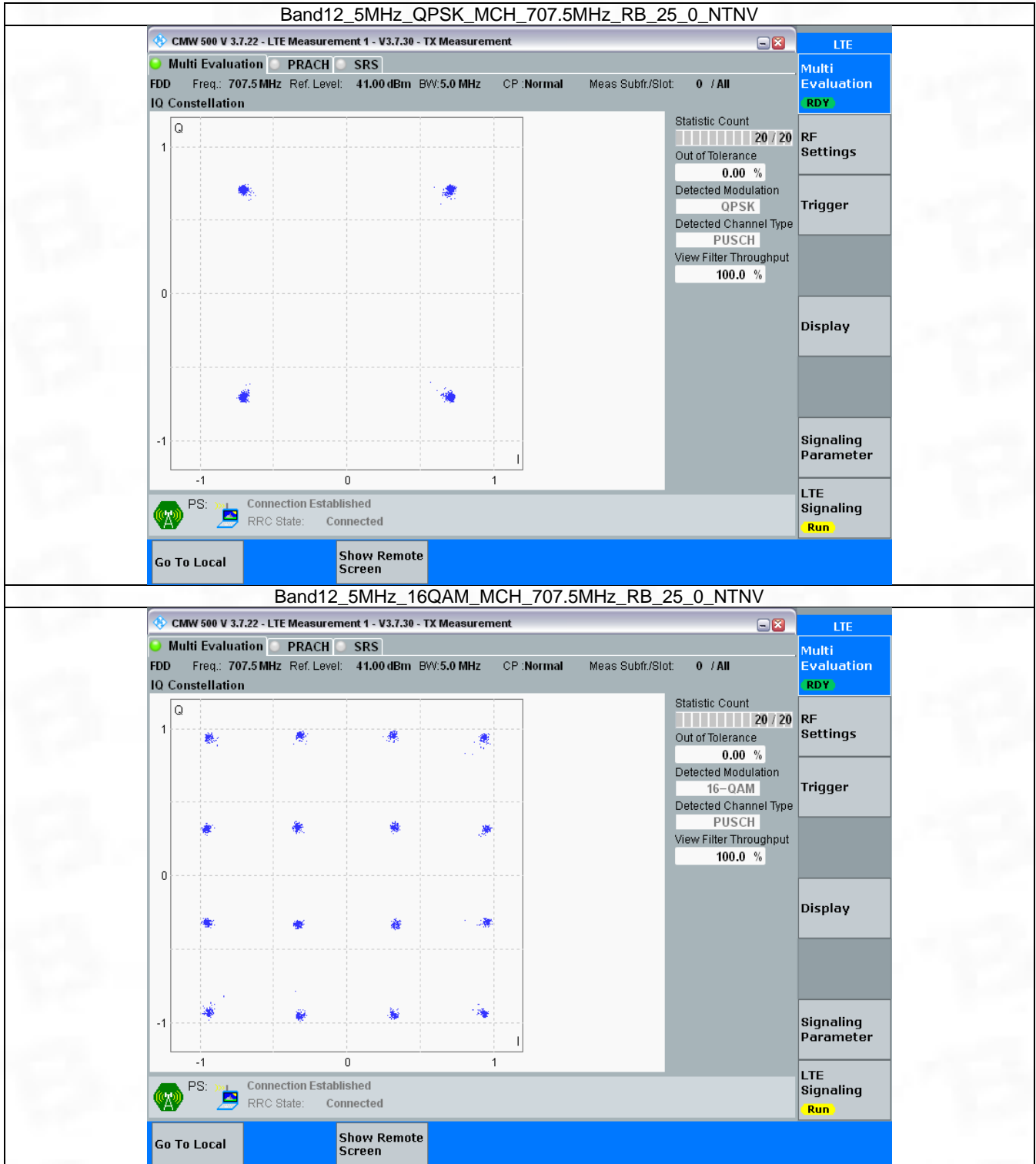


3.3 B12_5MHz

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

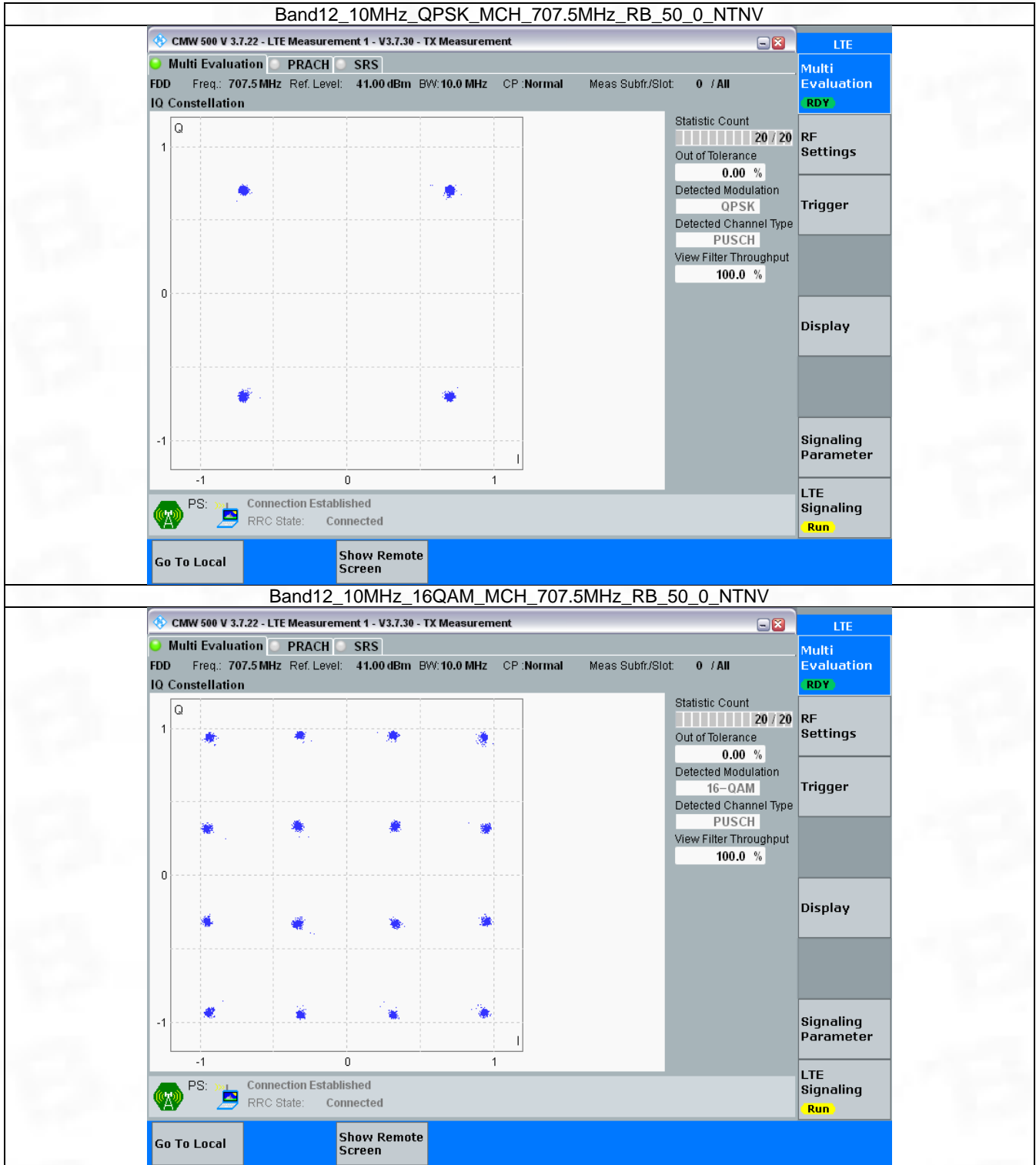


3.4 B12_10MHz

3.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTNV						
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



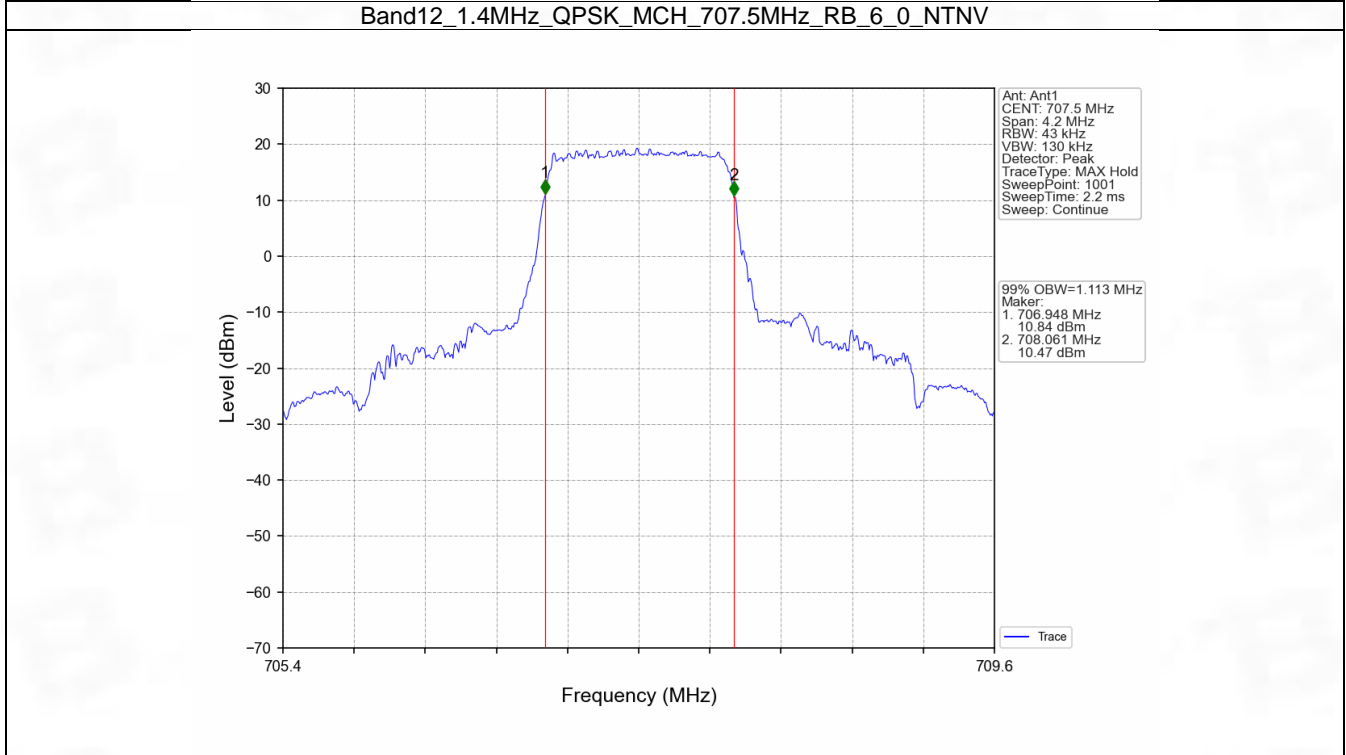
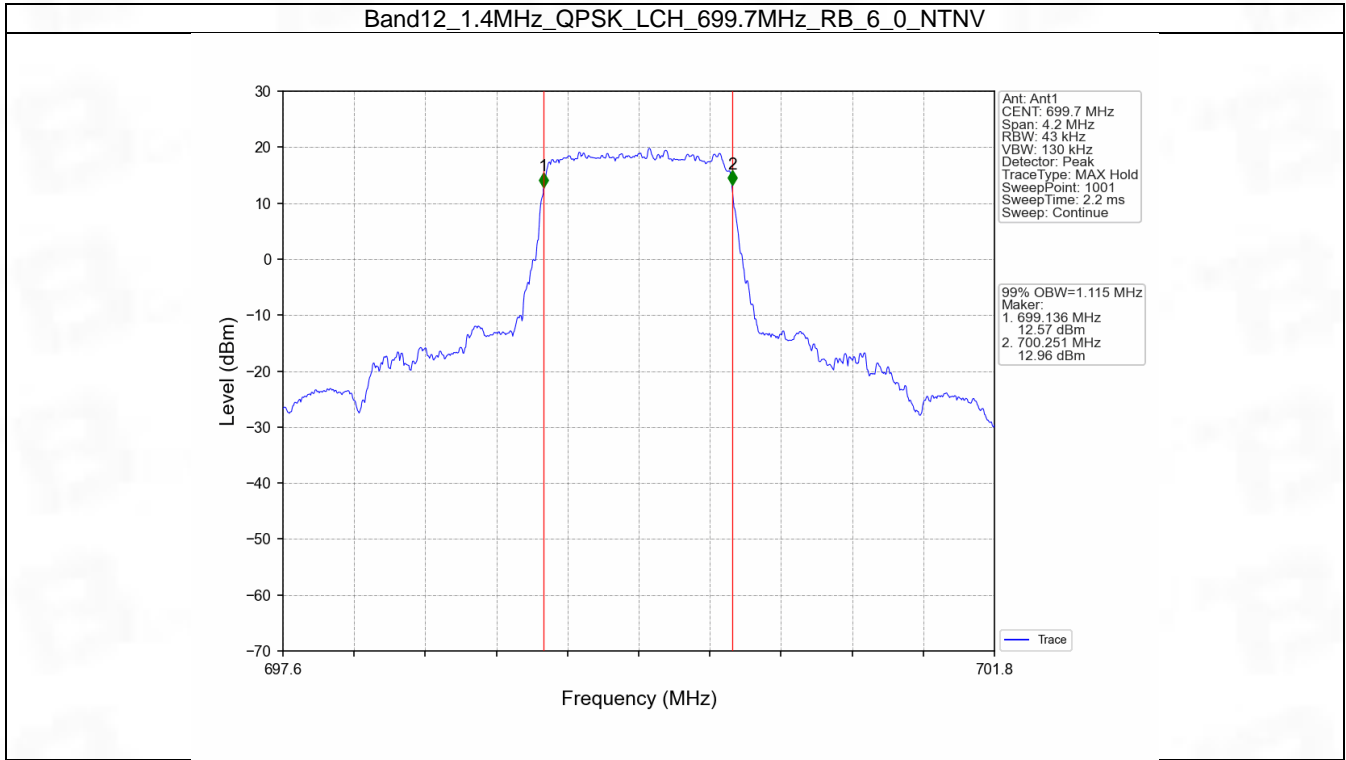
4. 99% & 26dB Bandwidth

4.1 Band12_OBW

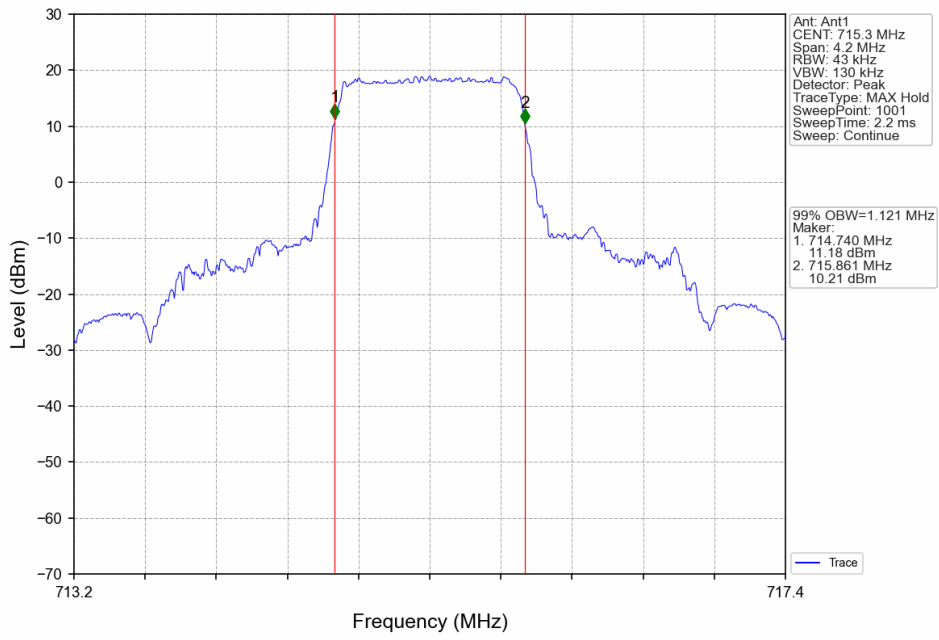
4.1.1 Test Result

Band: 12 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.115	Pass
		707.5	6	0	1.113	Pass
		715.3	6	0	1.121	Pass
	16QAM	699.7	6	0	1.108	Pass
		707.5	6	0	1.106	Pass
		715.3	6	0	1.117	Pass
3	QPSK	700.5	15	0	2.726	Pass
		707.5	15	0	2.730	Pass
		714.5	15	0	2.739	Pass
	16QAM	700.5	15	0	2.719	Pass
		707.5	15	0	2.722	Pass
		714.5	15	0	2.722	Pass
5	QPSK	701.5	25	0	4.588	Pass
		707.5	25	0	4.552	Pass
		713.5	25	0	4.619	Pass
	16QAM	701.5	25	0	4.588	Pass
		707.5	25	0	4.579	Pass
		713.5	25	0	4.583	Pass
10	QPSK	704	50	0	9.153	Pass
		707.5	50	0	9.035	Pass
		711	50	0	9.104	Pass
	16QAM	704	50	0	9.141	Pass
		707.5	50	0	9.008	Pass
		711	50	0	9.041	Pass

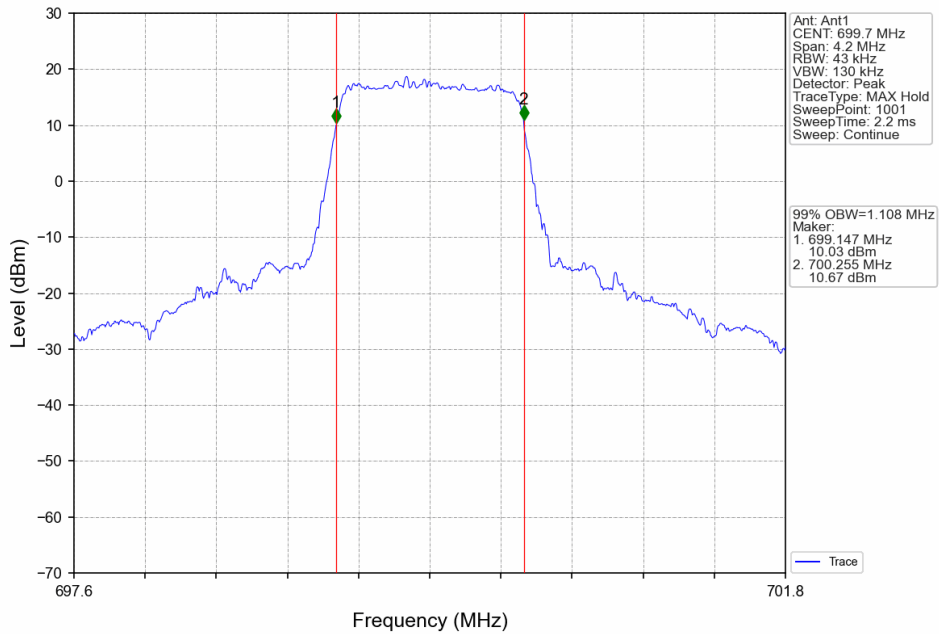
4.1.2 Test Graph



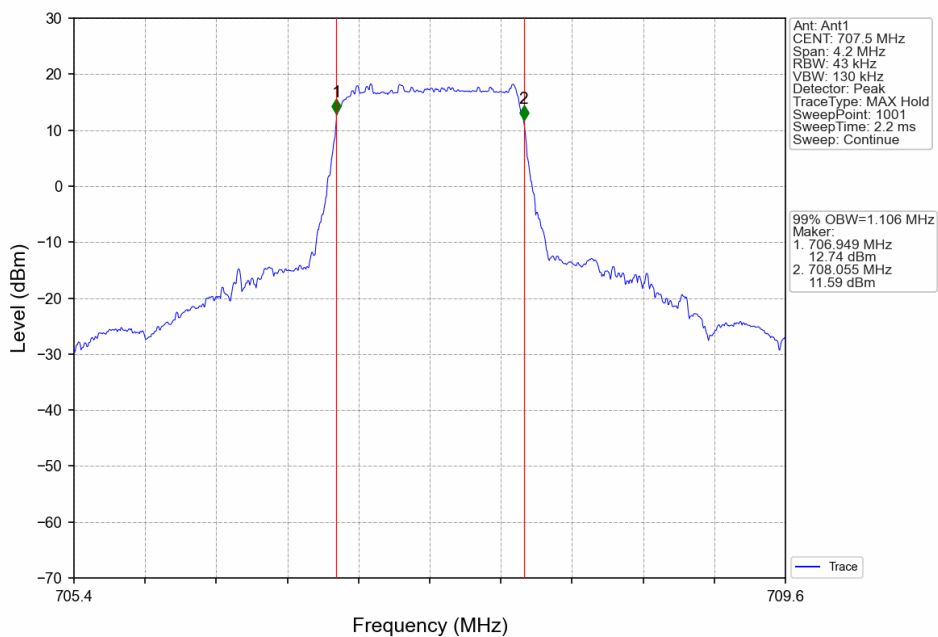
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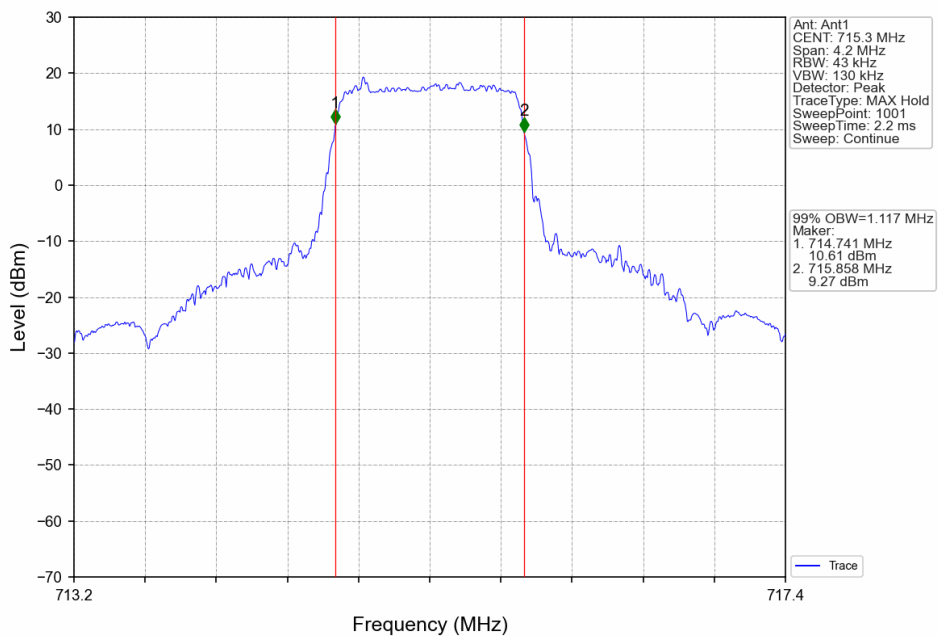
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



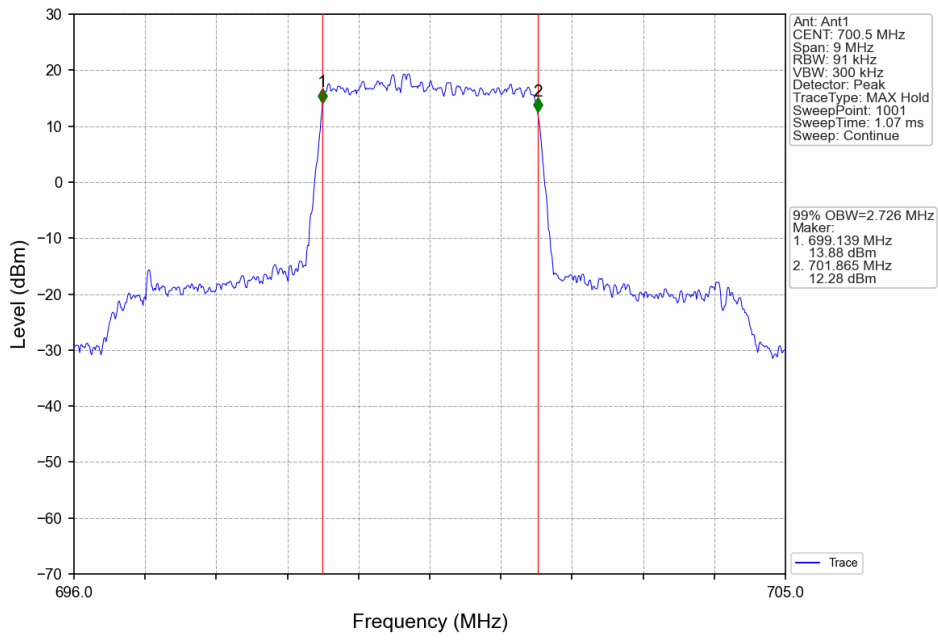
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



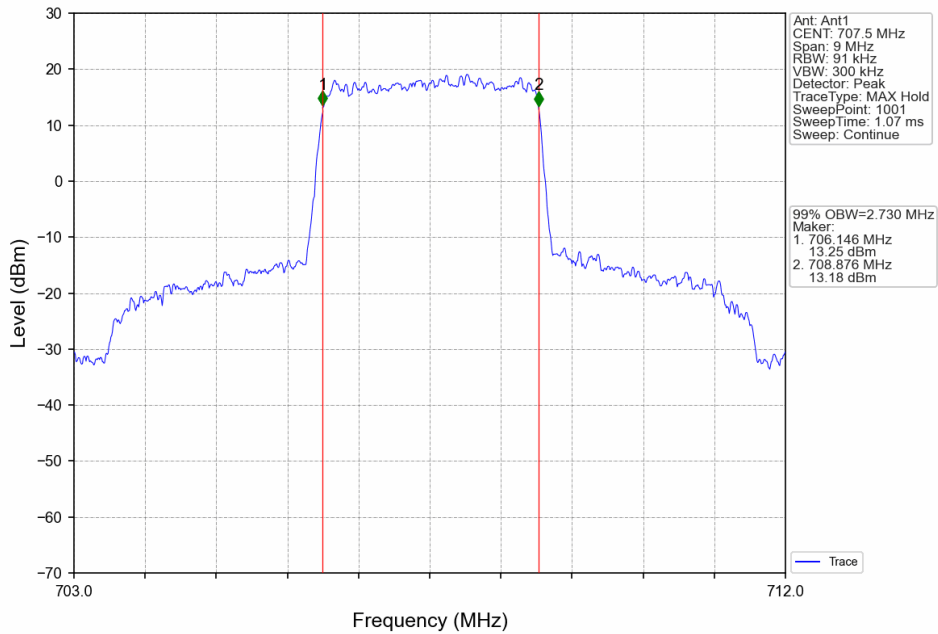
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



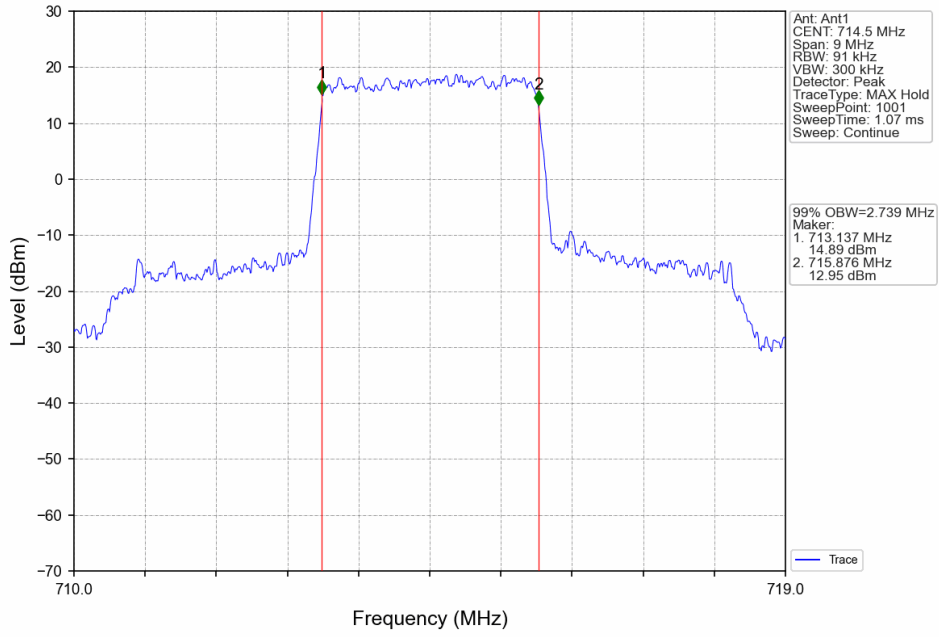
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



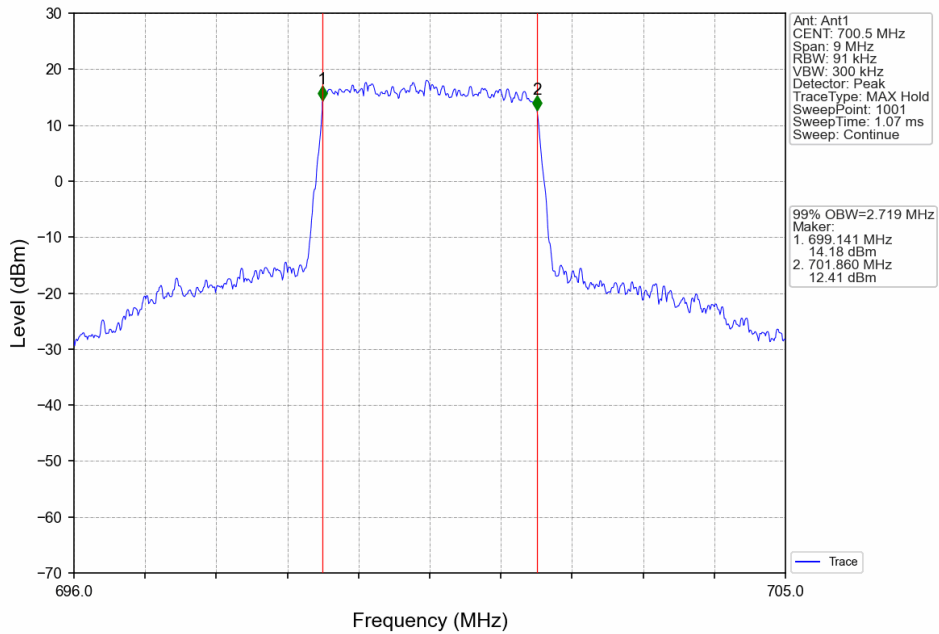
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



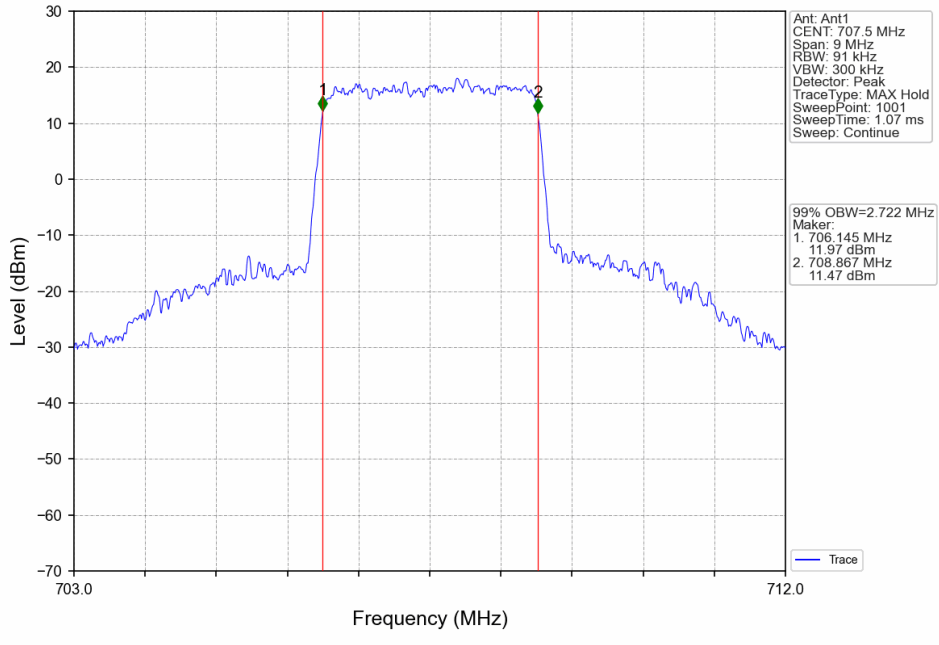
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



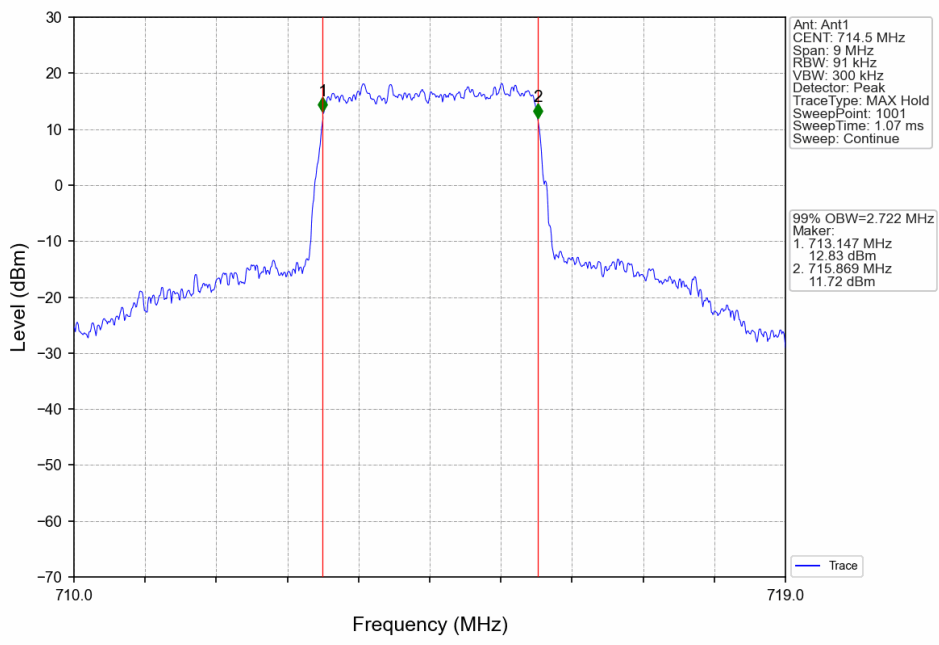
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



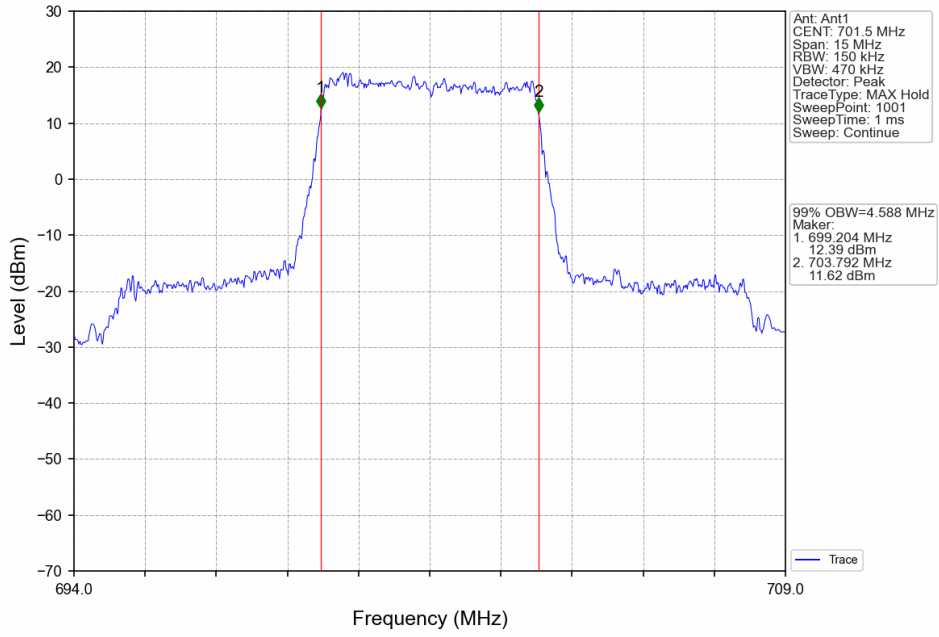
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



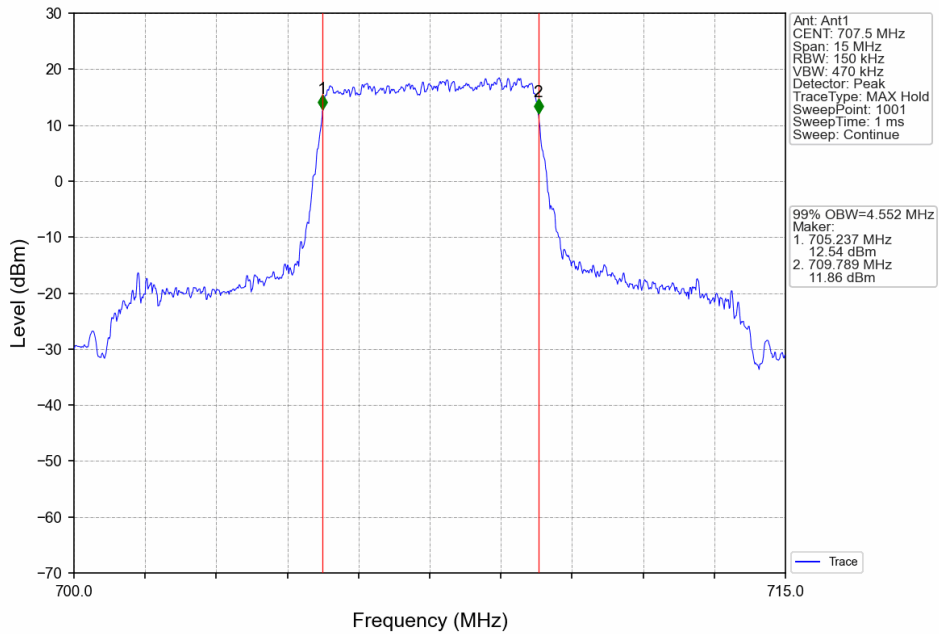
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



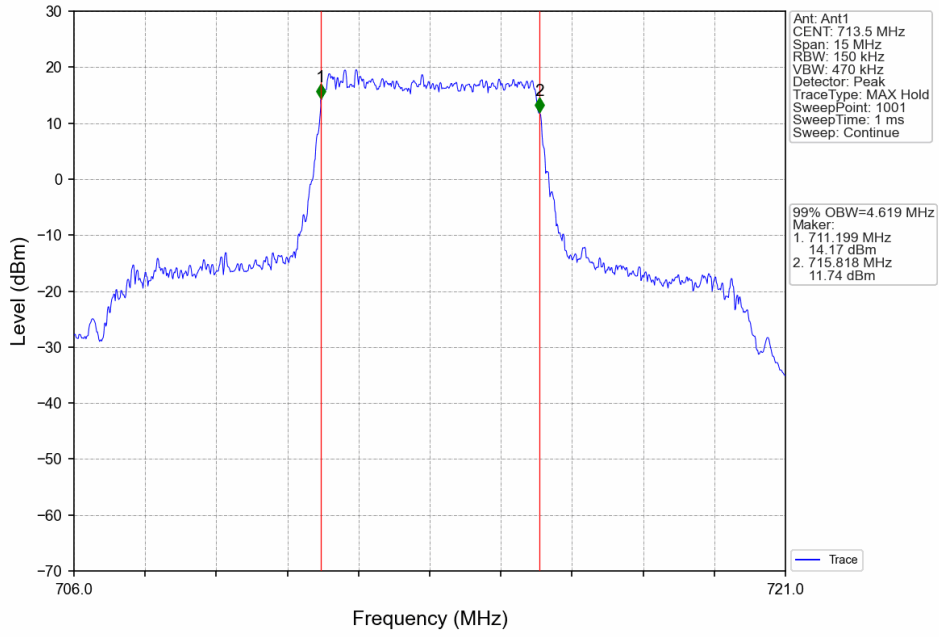
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



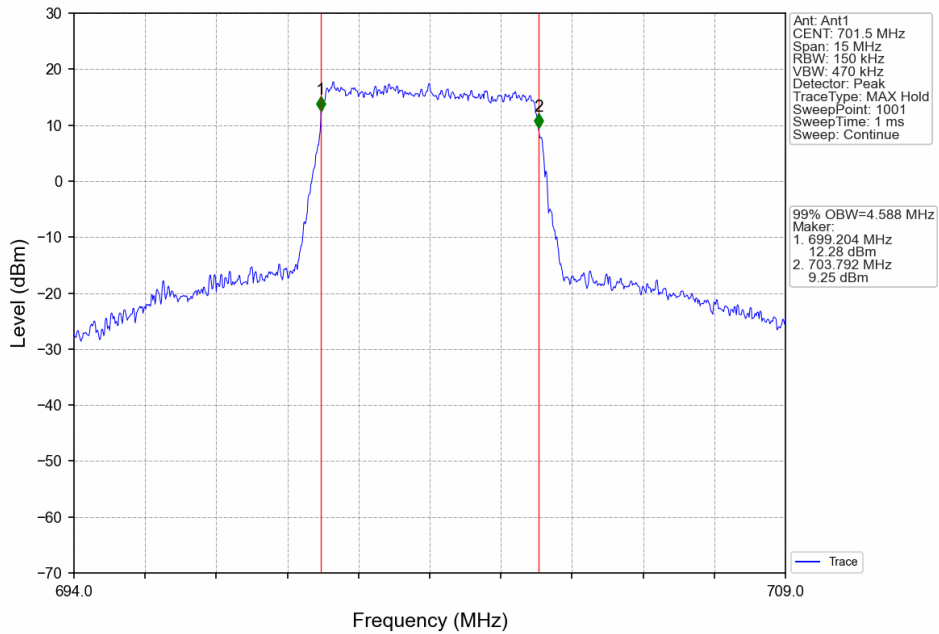
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



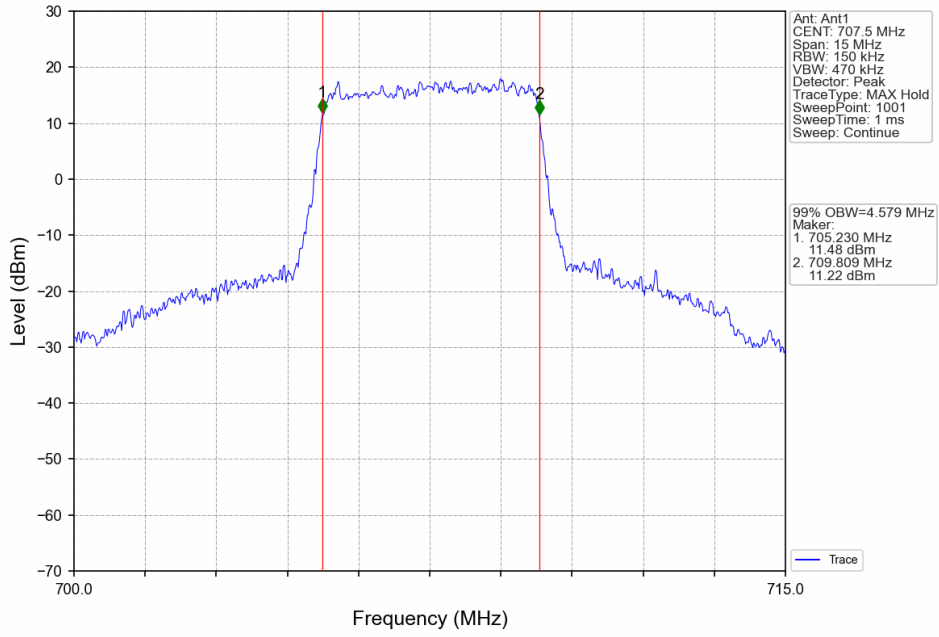
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



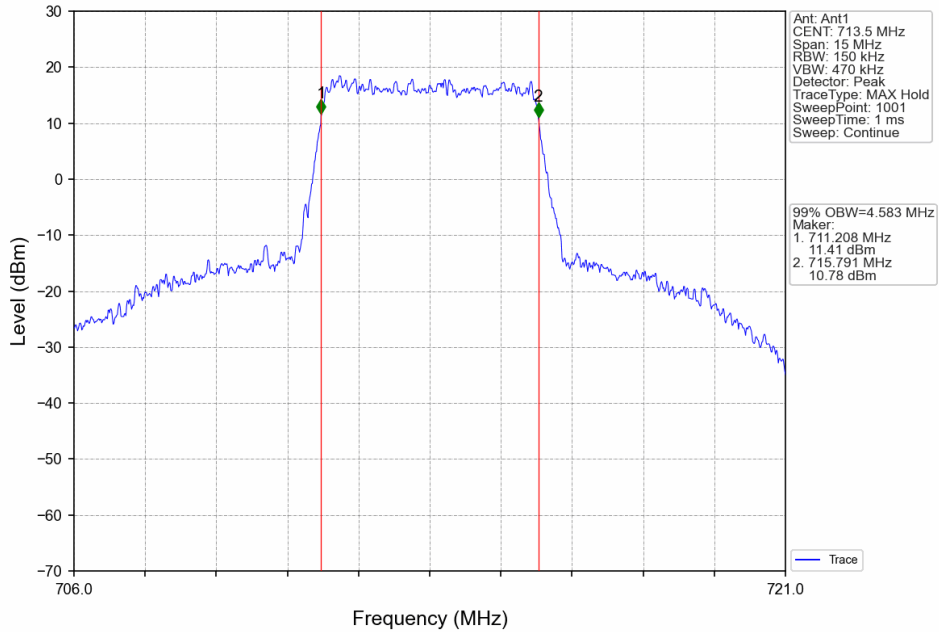
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



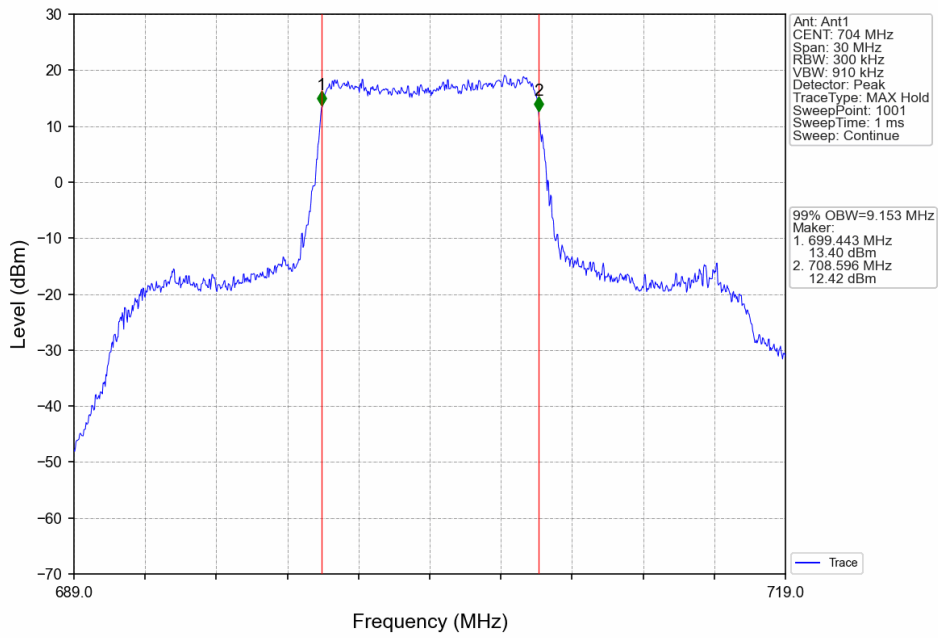
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



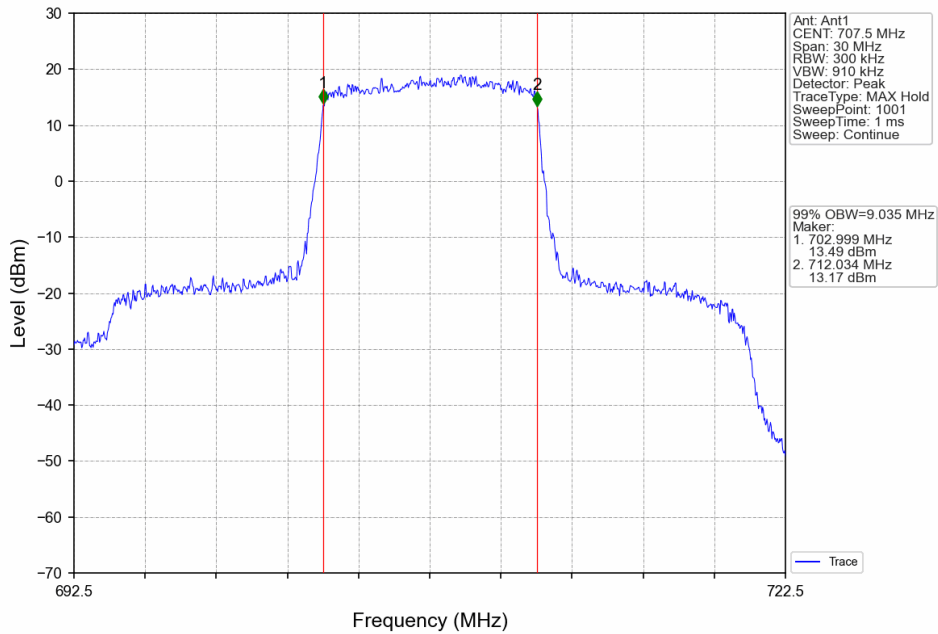
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



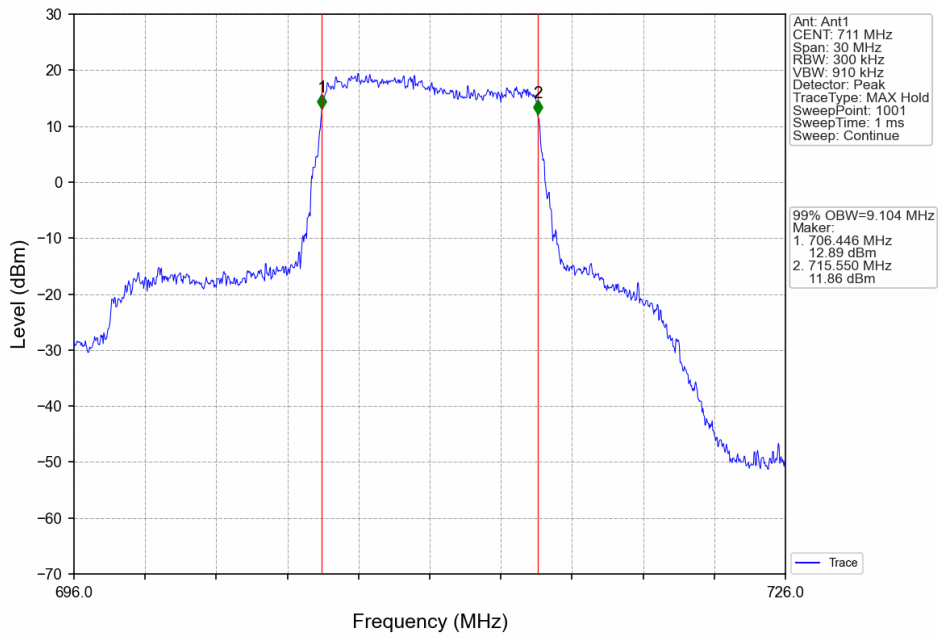
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



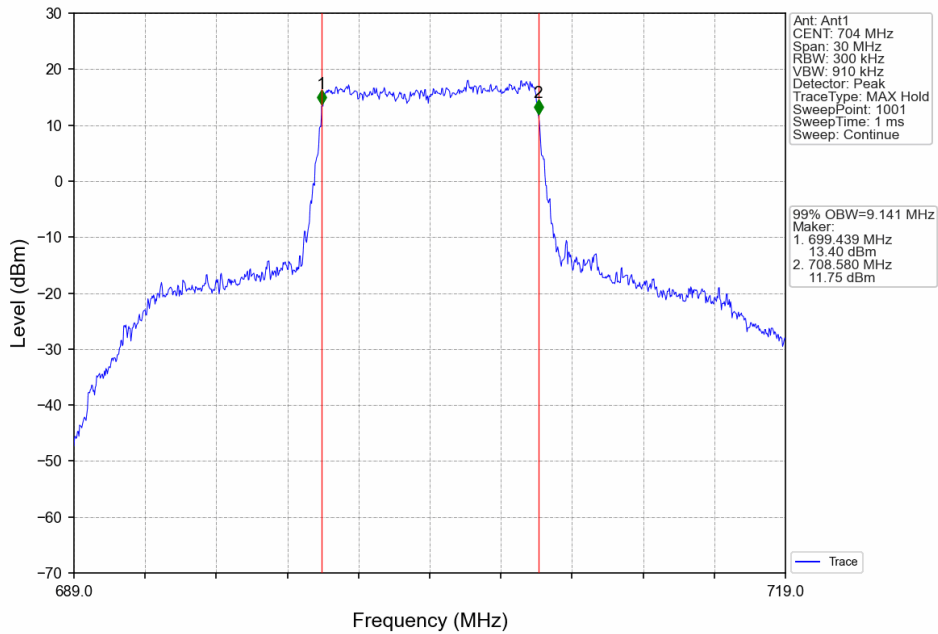
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



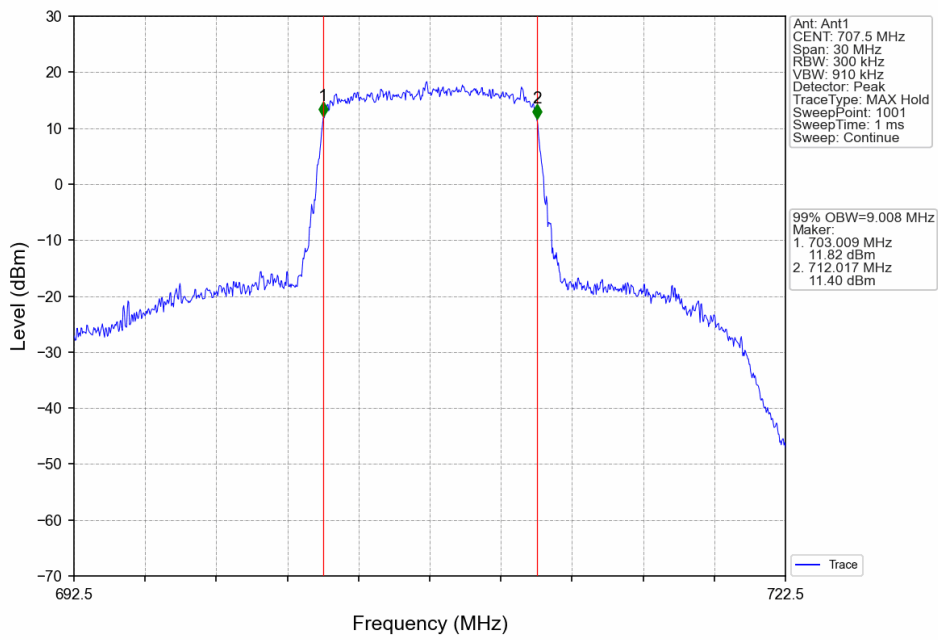
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



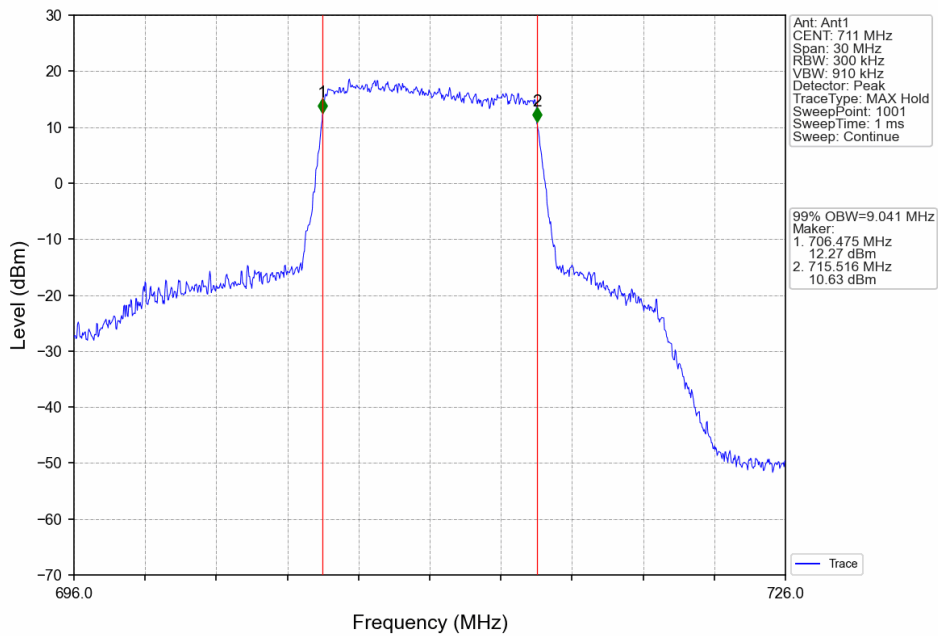
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

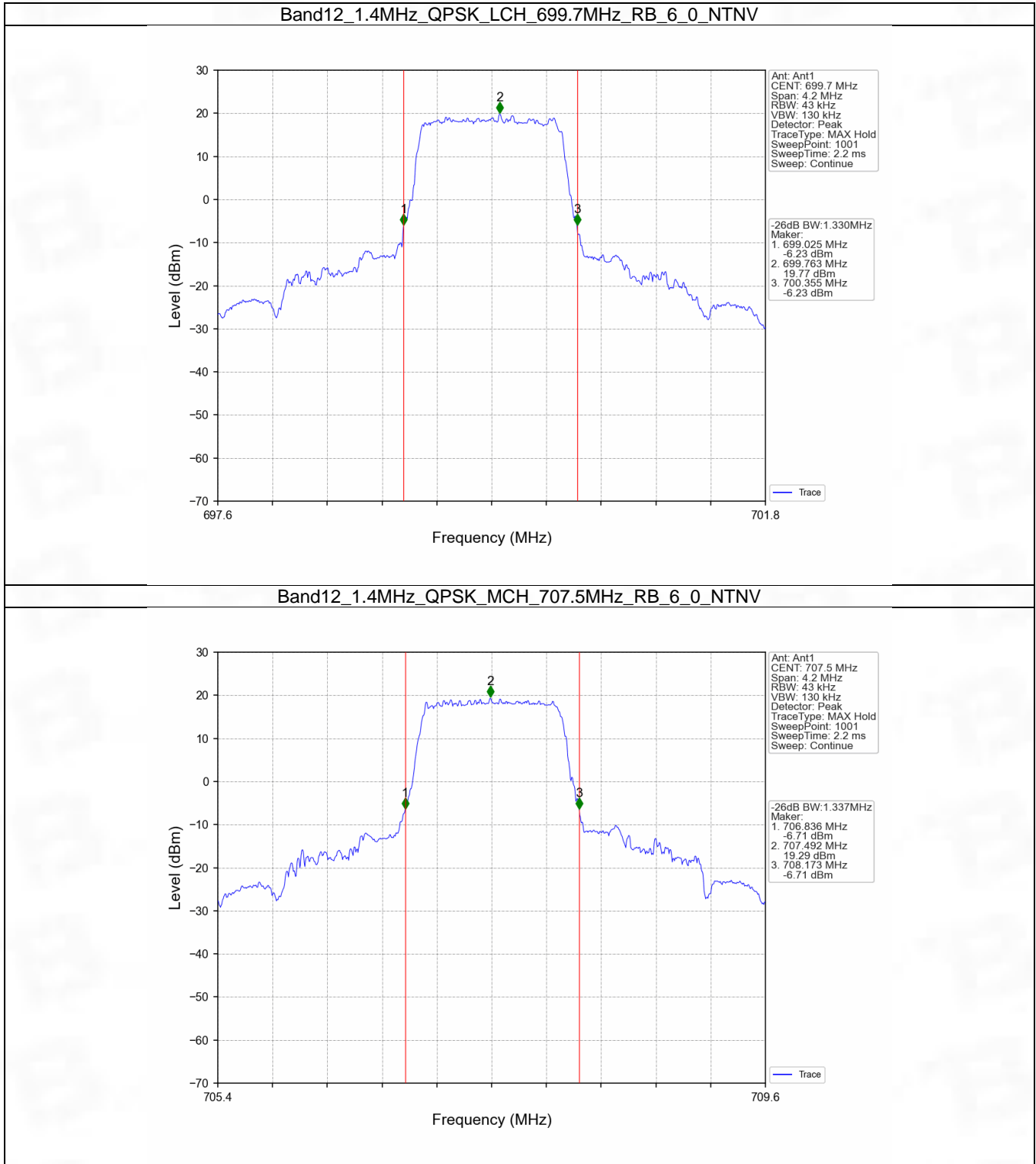


4.2 Band12_XDB

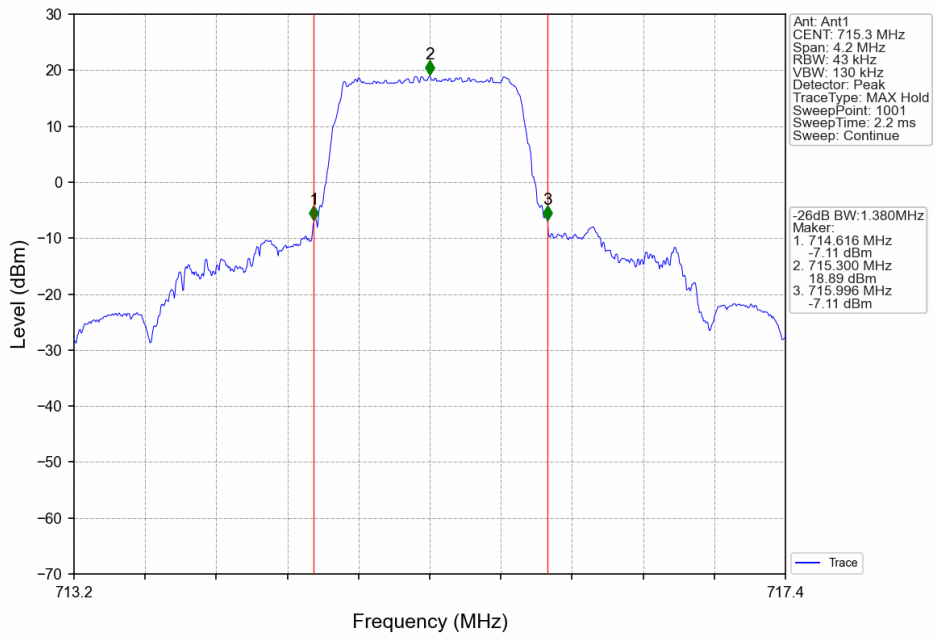
4.2.1 Test Result

Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.330	Pass
		707.5	6	0	1.337	Pass
		715.3	6	0	1.380	Pass
	16QAM	699.7	6	0	1.311	Pass
		707.5	6	0	1.326	Pass
		715.3	6	0	1.322	Pass
3	QPSK	700.5	15	0	3.009	Pass
		707.5	15	0	3.001	Pass
		714.5	15	0	3.028	Pass
	16QAM	700.5	15	0	2.993	Pass
		707.5	15	0	2.999	Pass
		714.5	15	0	3.029	Pass
5	QPSK	701.5	25	0	5.307	Pass
		707.5	25	0	5.236	Pass
		713.5	25	0	5.328	Pass
	16QAM	701.5	25	0	5.274	Pass
		707.5	25	0	5.245	Pass
		713.5	25	0	5.344	Pass
10	QPSK	704	50	0	10.334	Pass
		707.5	50	0	10.145	Pass
		711	50	0	10.313	Pass
	16QAM	704	50	0	10.291	Pass
		707.5	50	0	10.190	Pass
		711	50	0	10.178	Pass

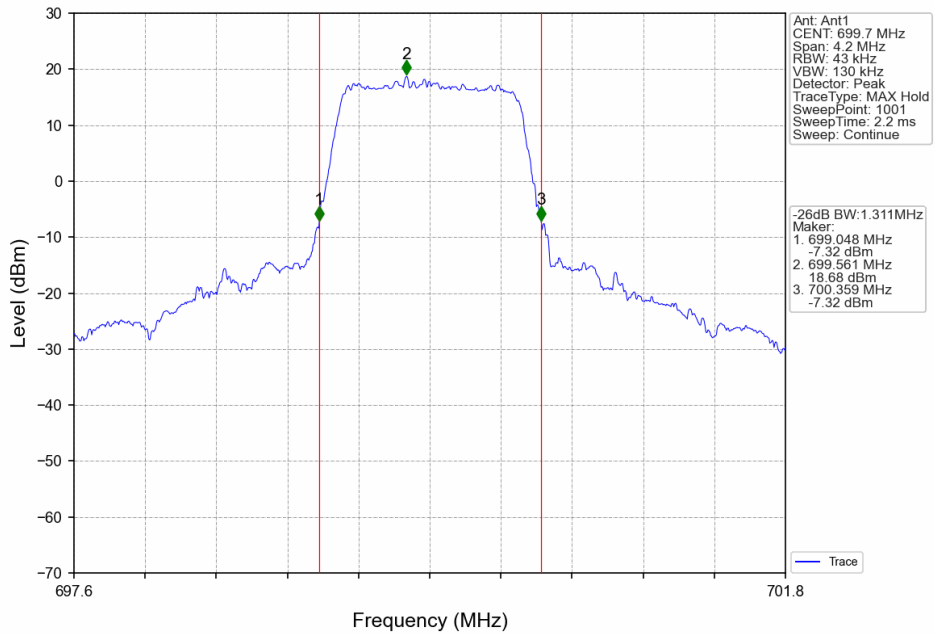
4.2.2 Test Graph



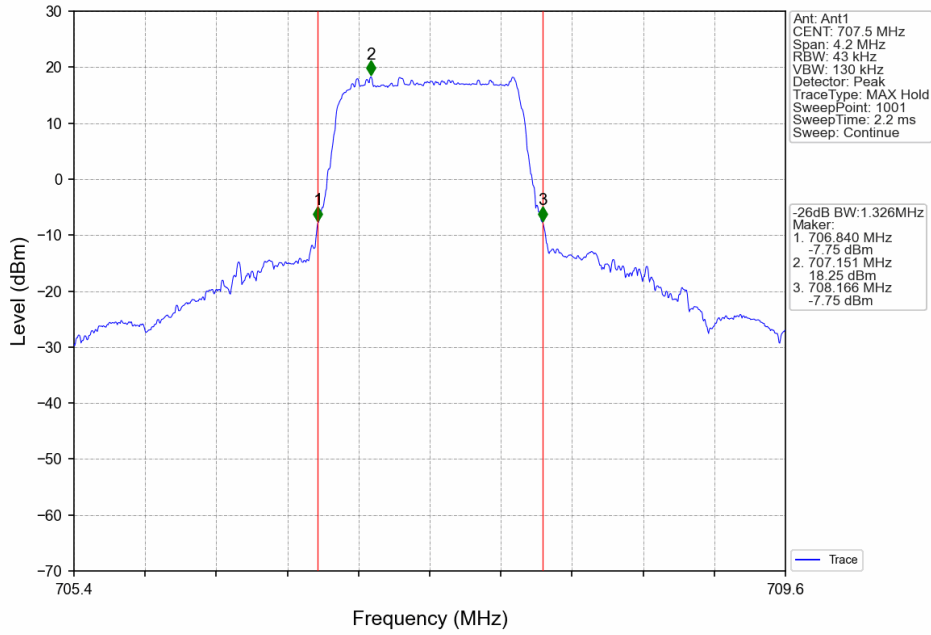
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



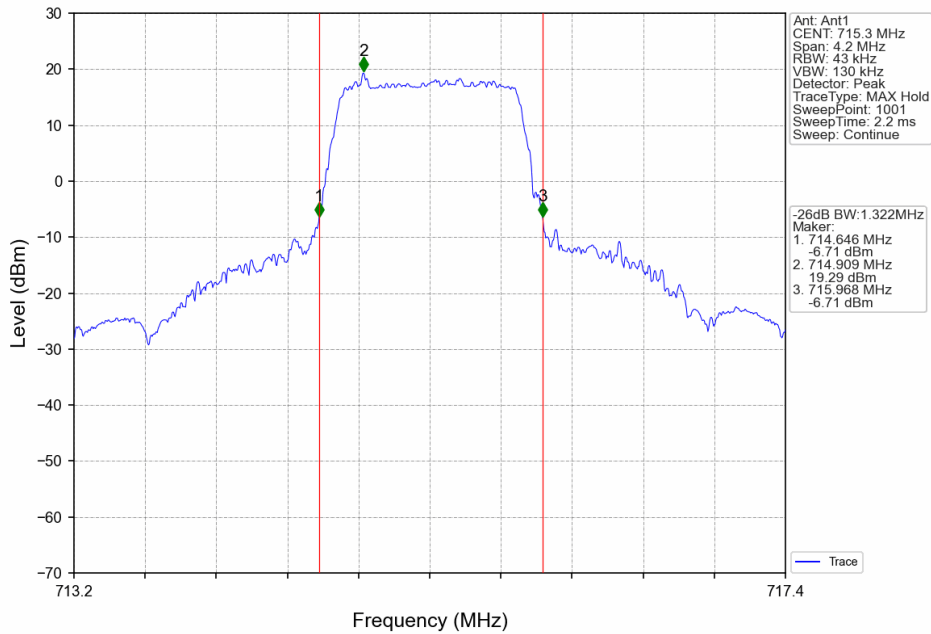
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



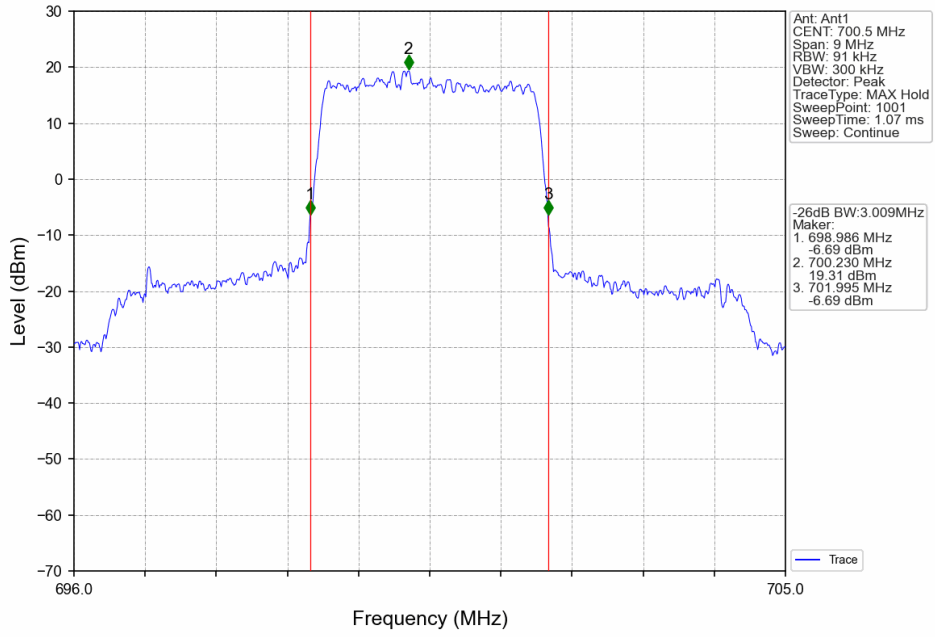
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



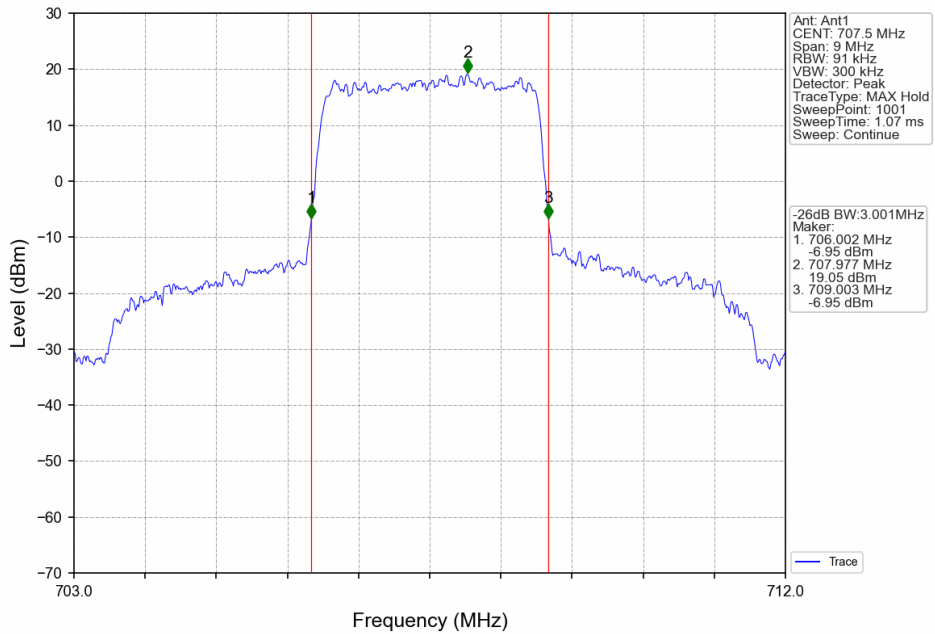
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



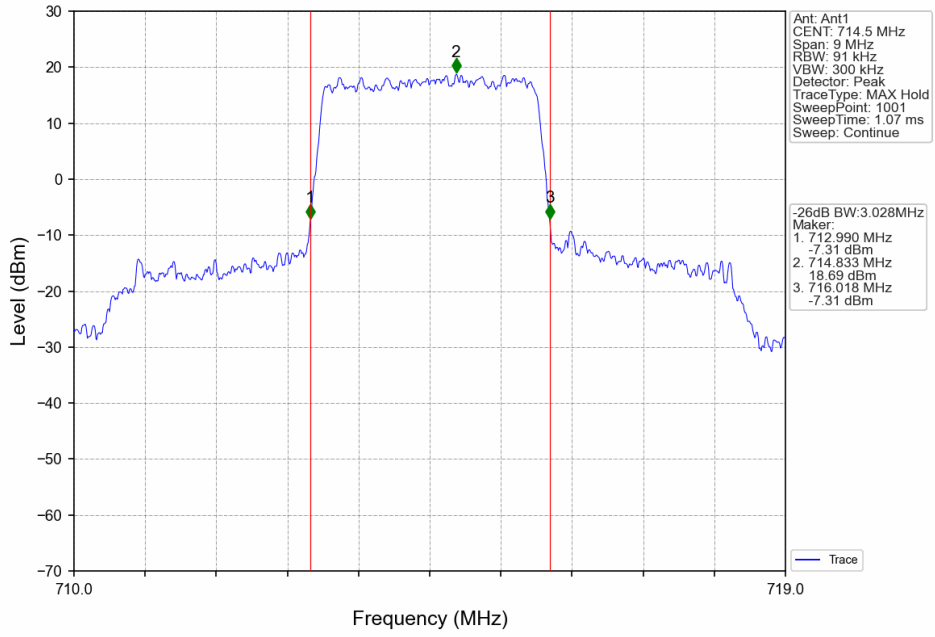
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



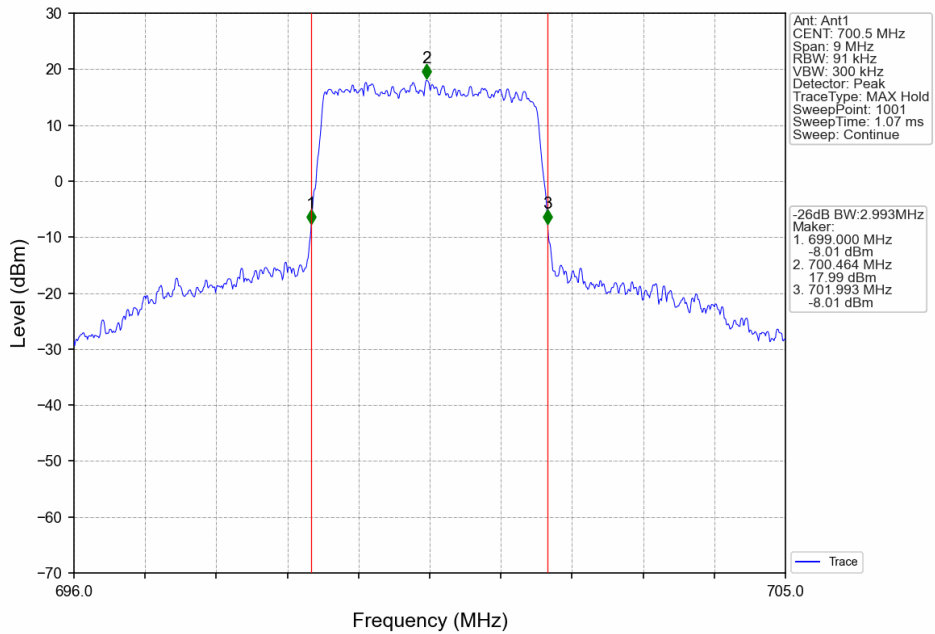
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



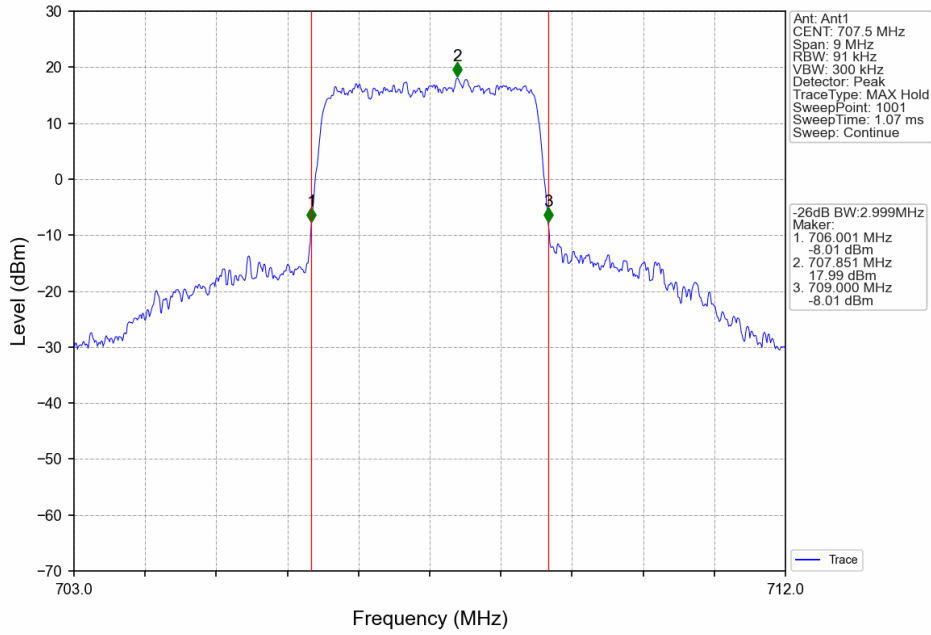
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



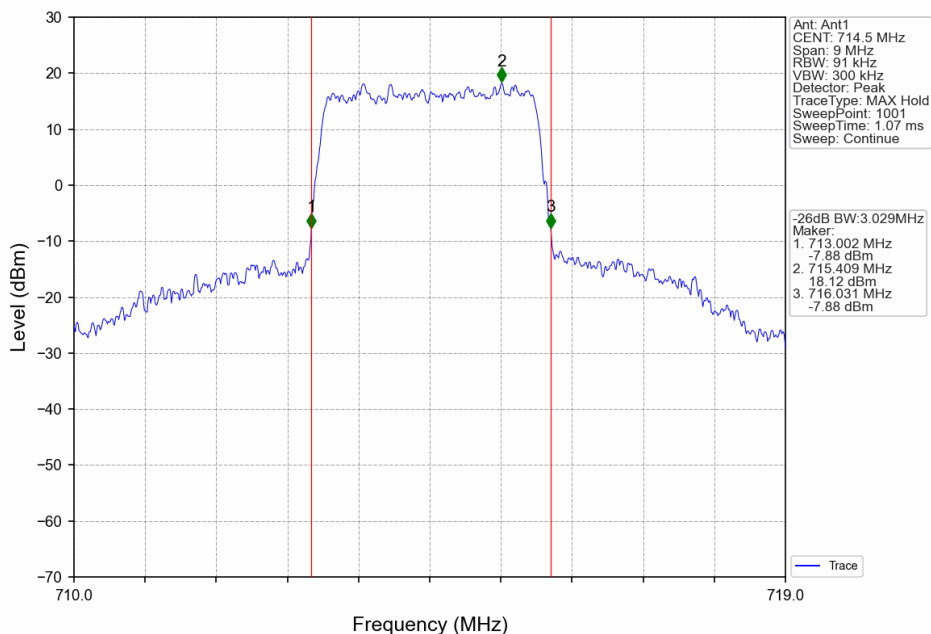
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



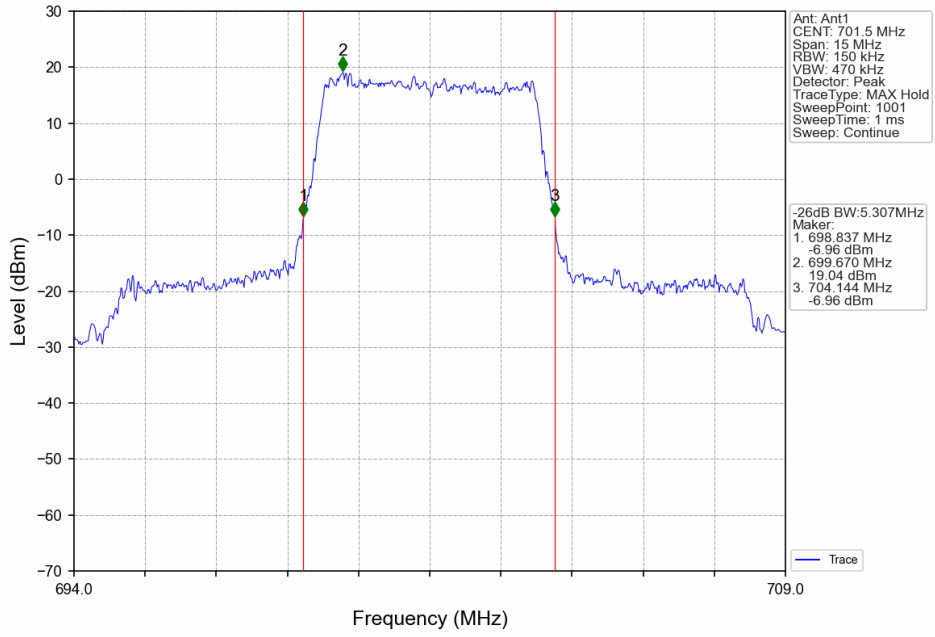
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



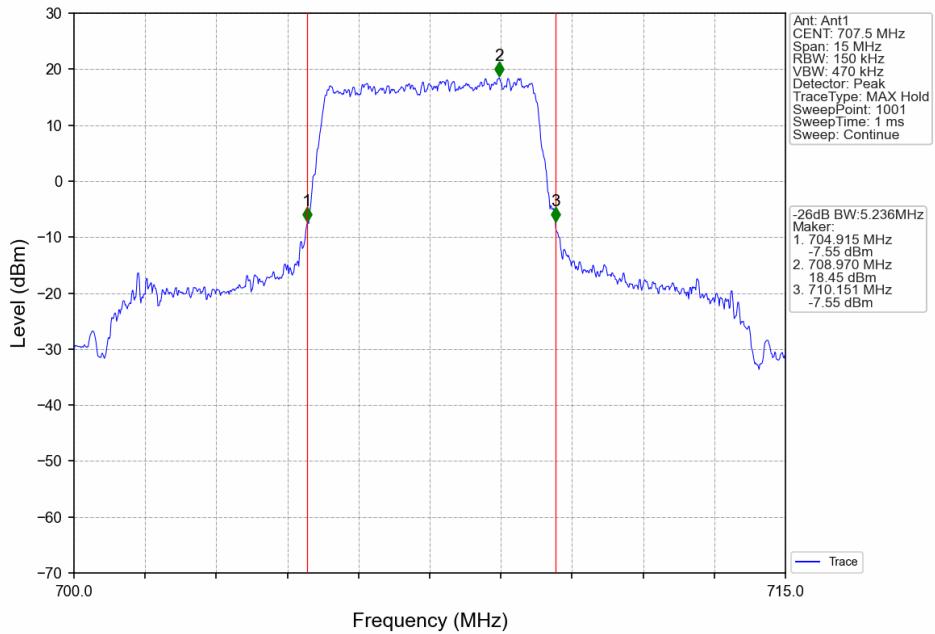
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



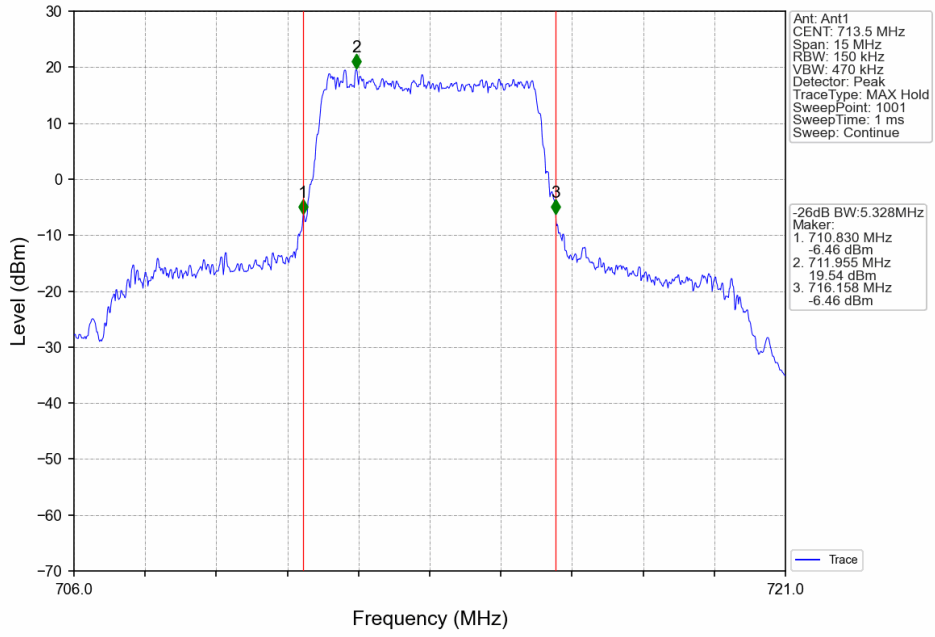
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



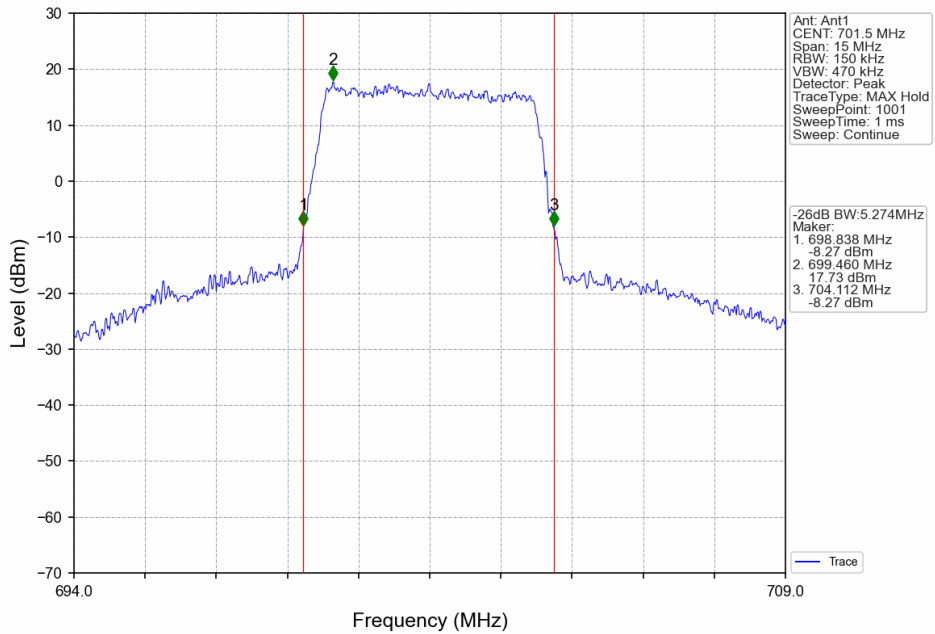
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



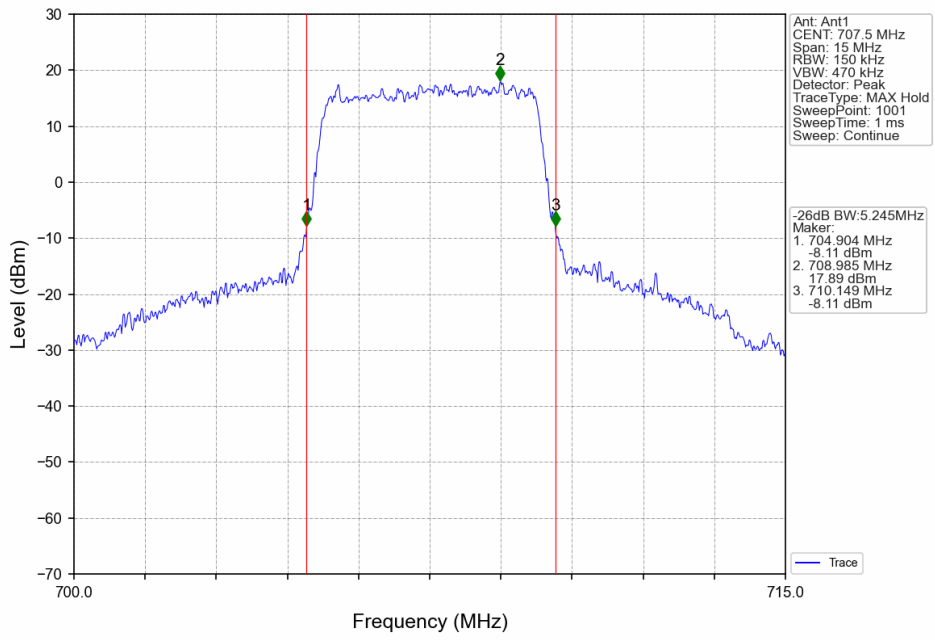
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



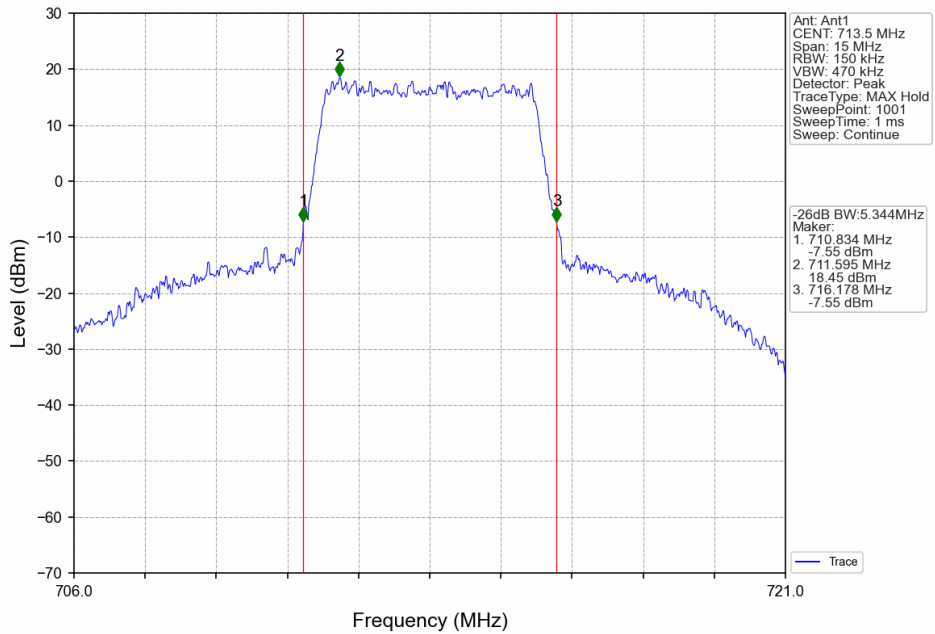
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



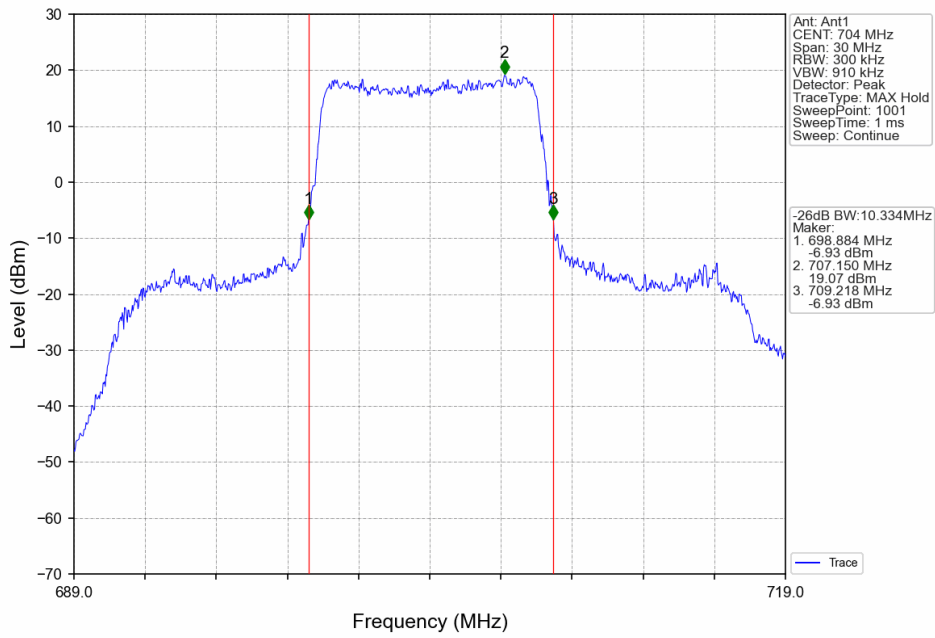
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



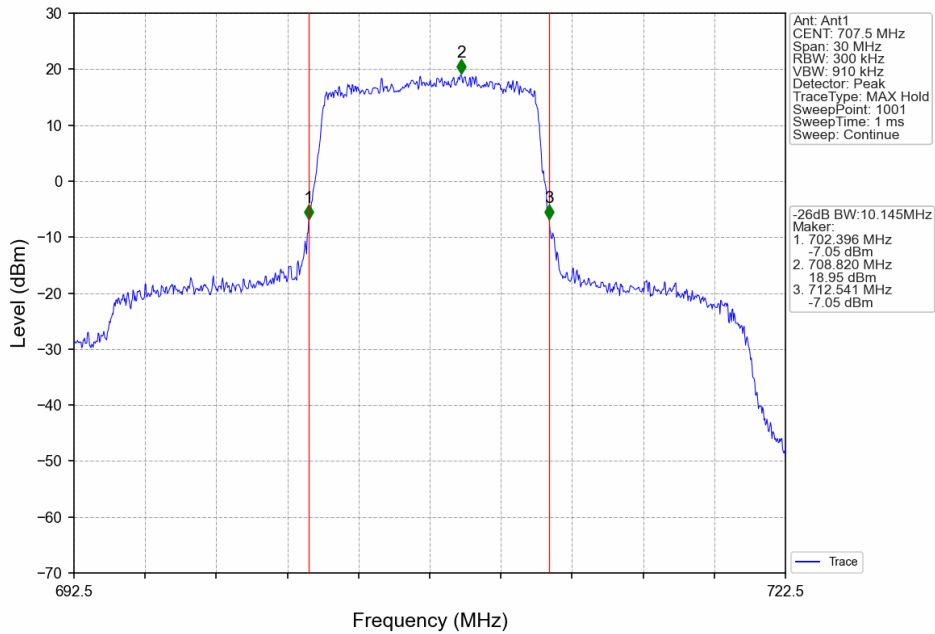
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



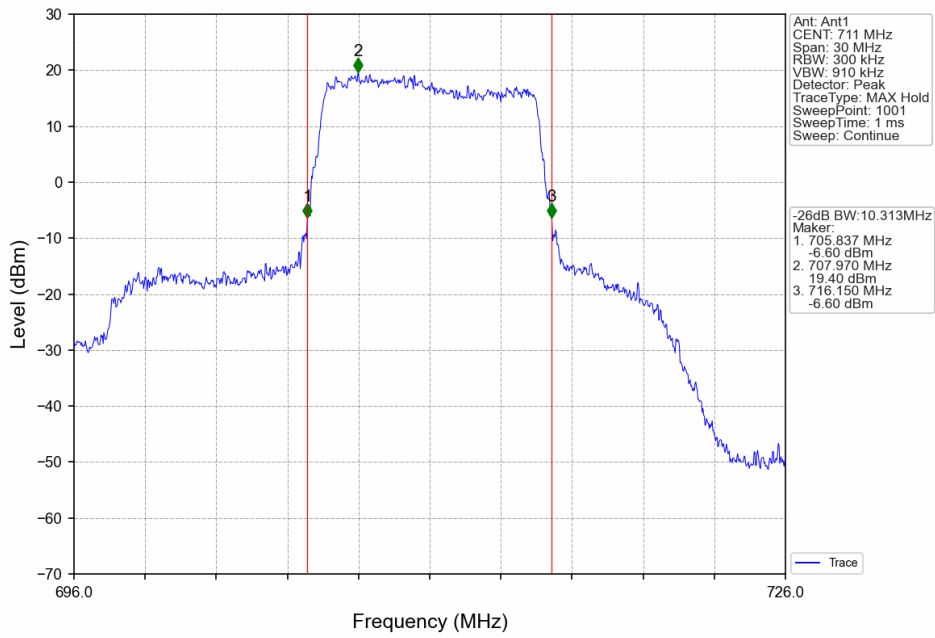
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



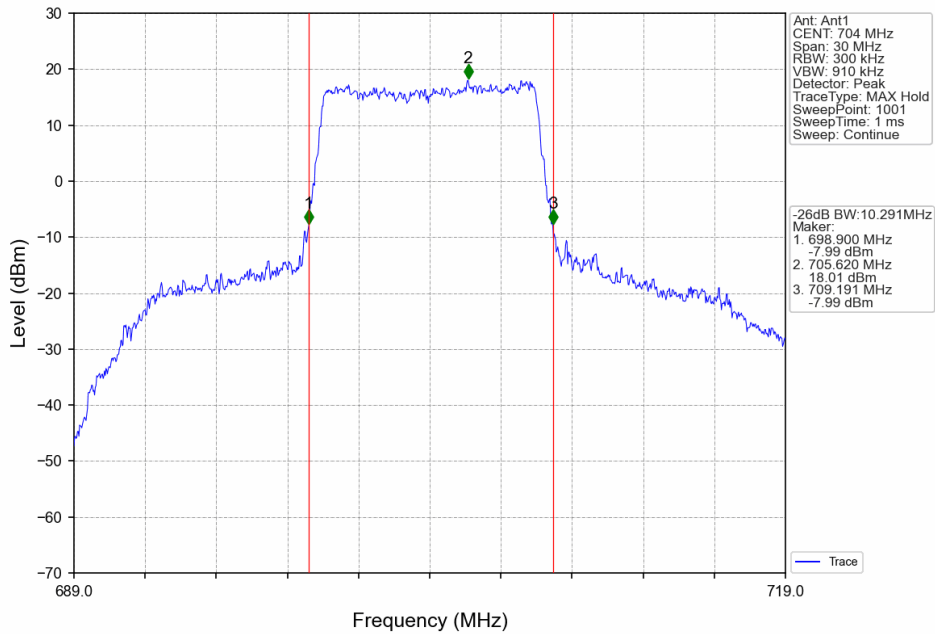
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



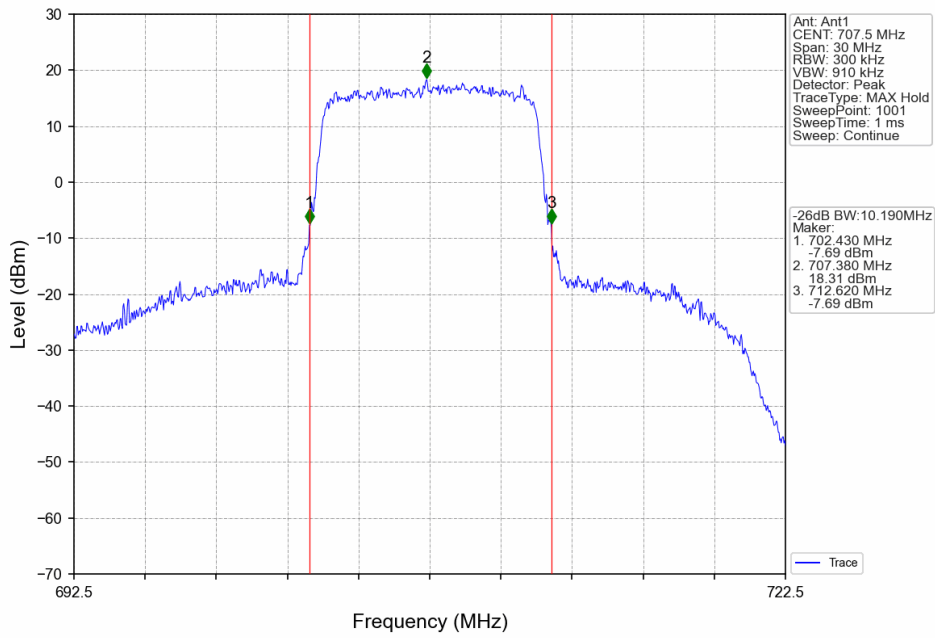
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



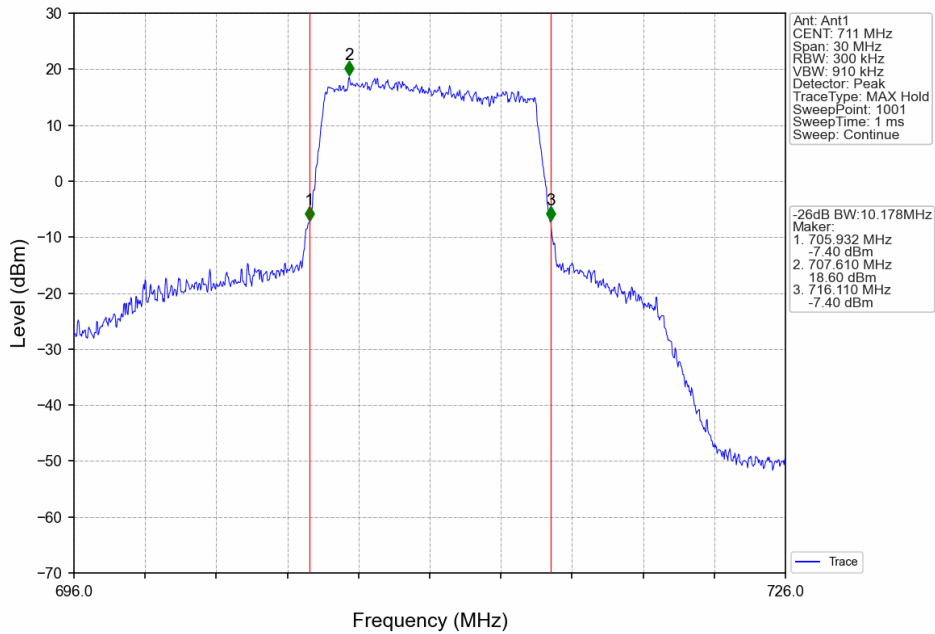
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



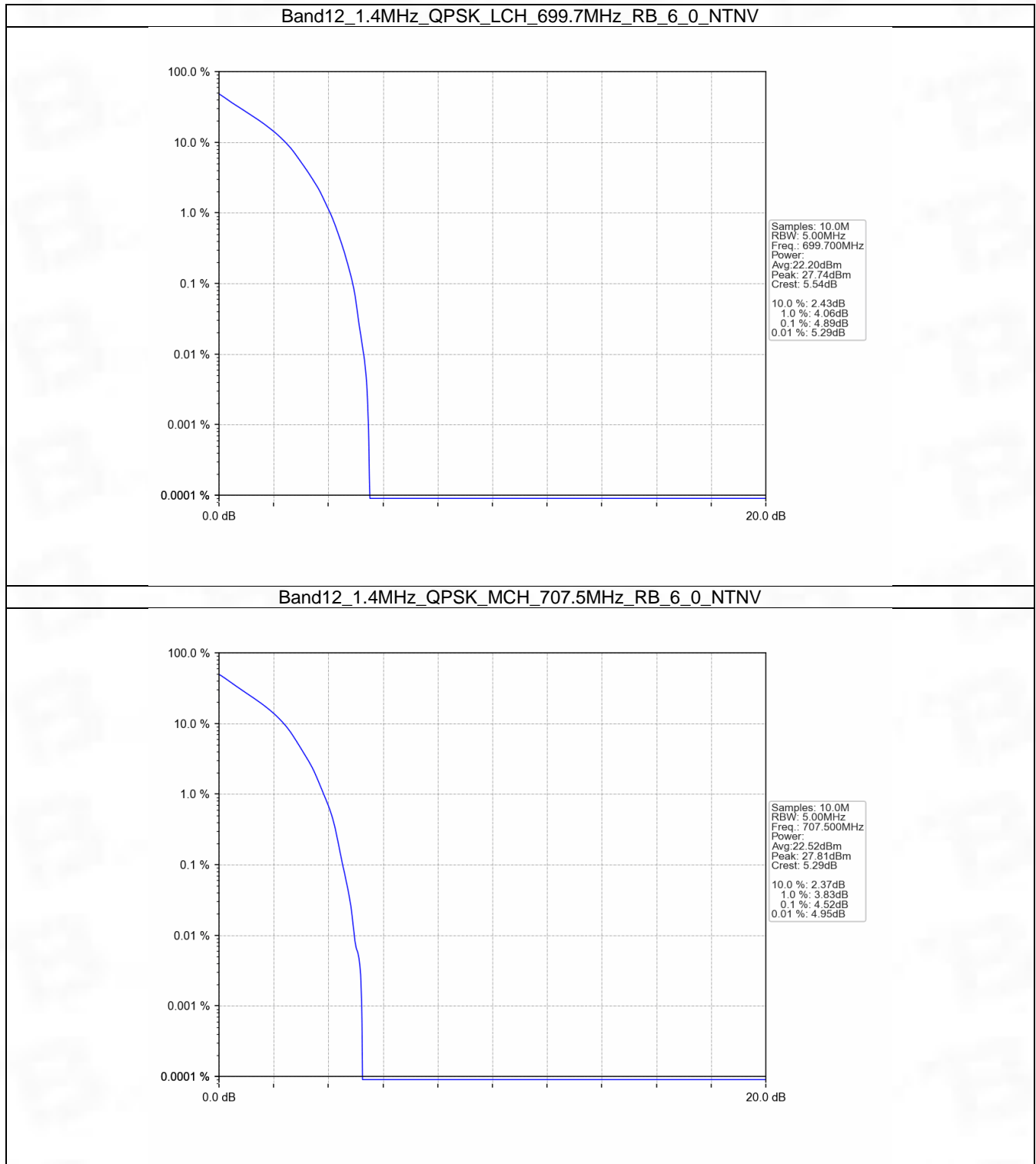
5. Peak-Average Ratio

5.1 B12_1.4MHz

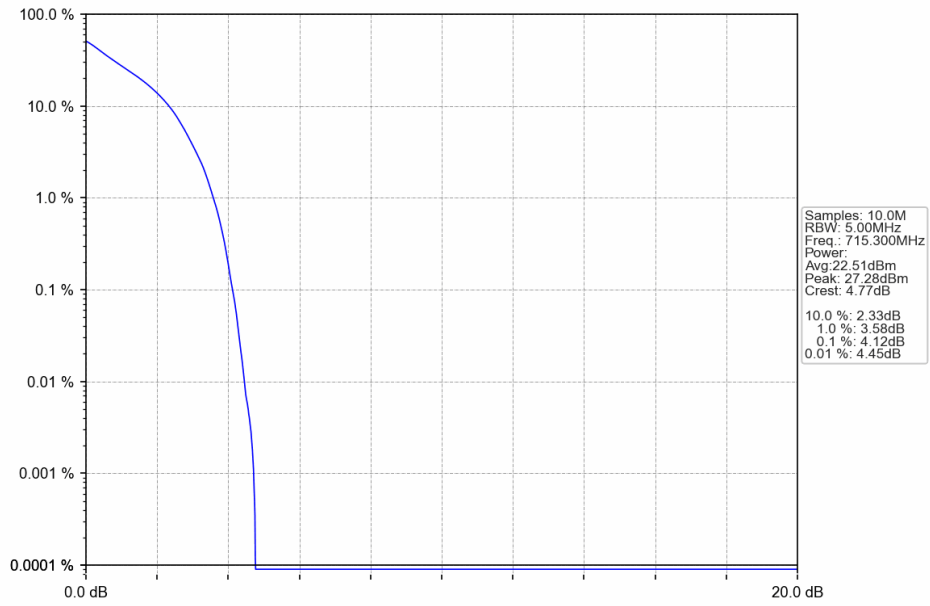
5.1.1 Test Result

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	4.89	<=13	Pass
	707.5	6	0	4.52	<=13	Pass
	715.3	6	0	4.12	<=13	Pass
16QAM	699.7	6	0	5.70	<=13	Pass
	707.5	6	0	5.40	<=13	Pass
	715.3	6	0	5.02	<=13	Pass

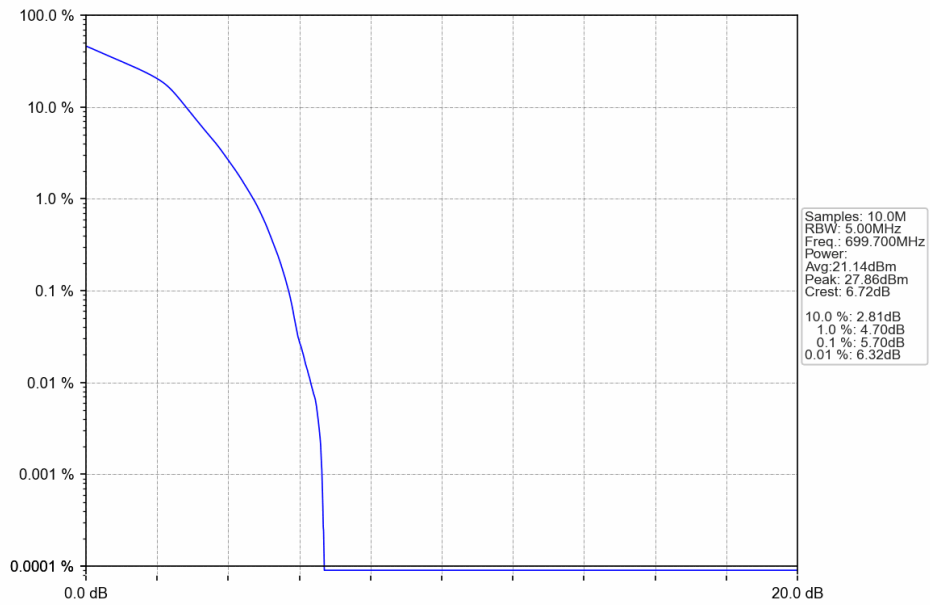
5.1.2 Test Graph



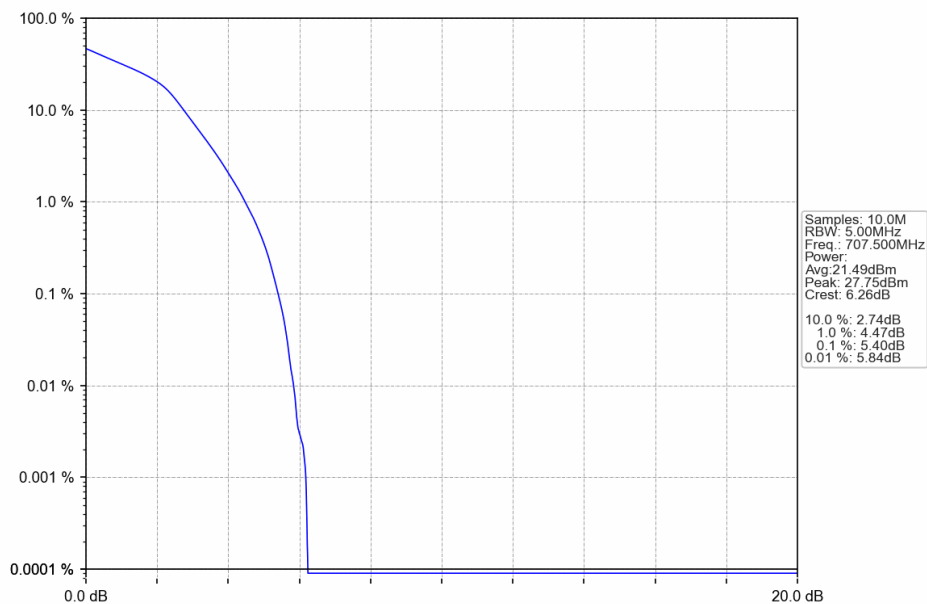
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



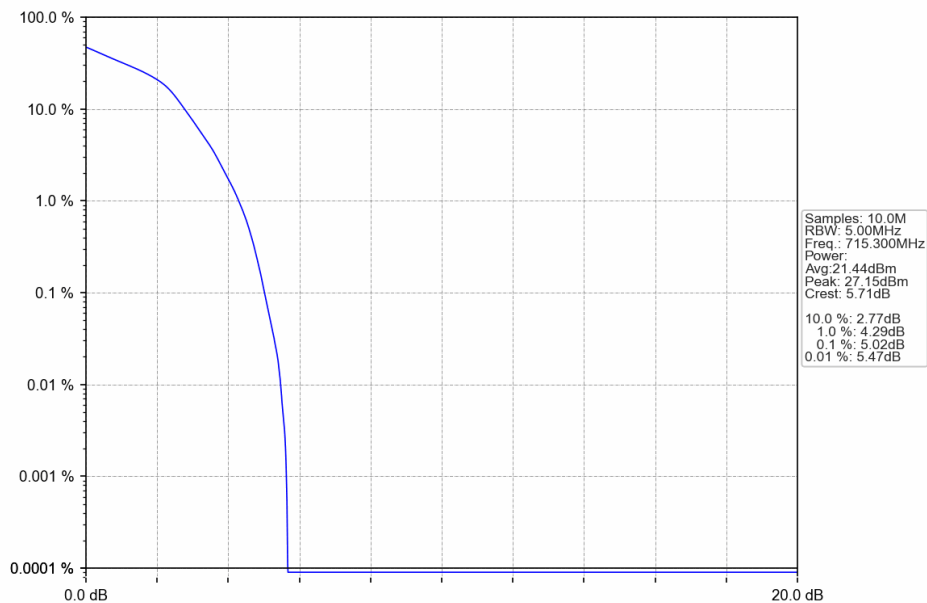
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV

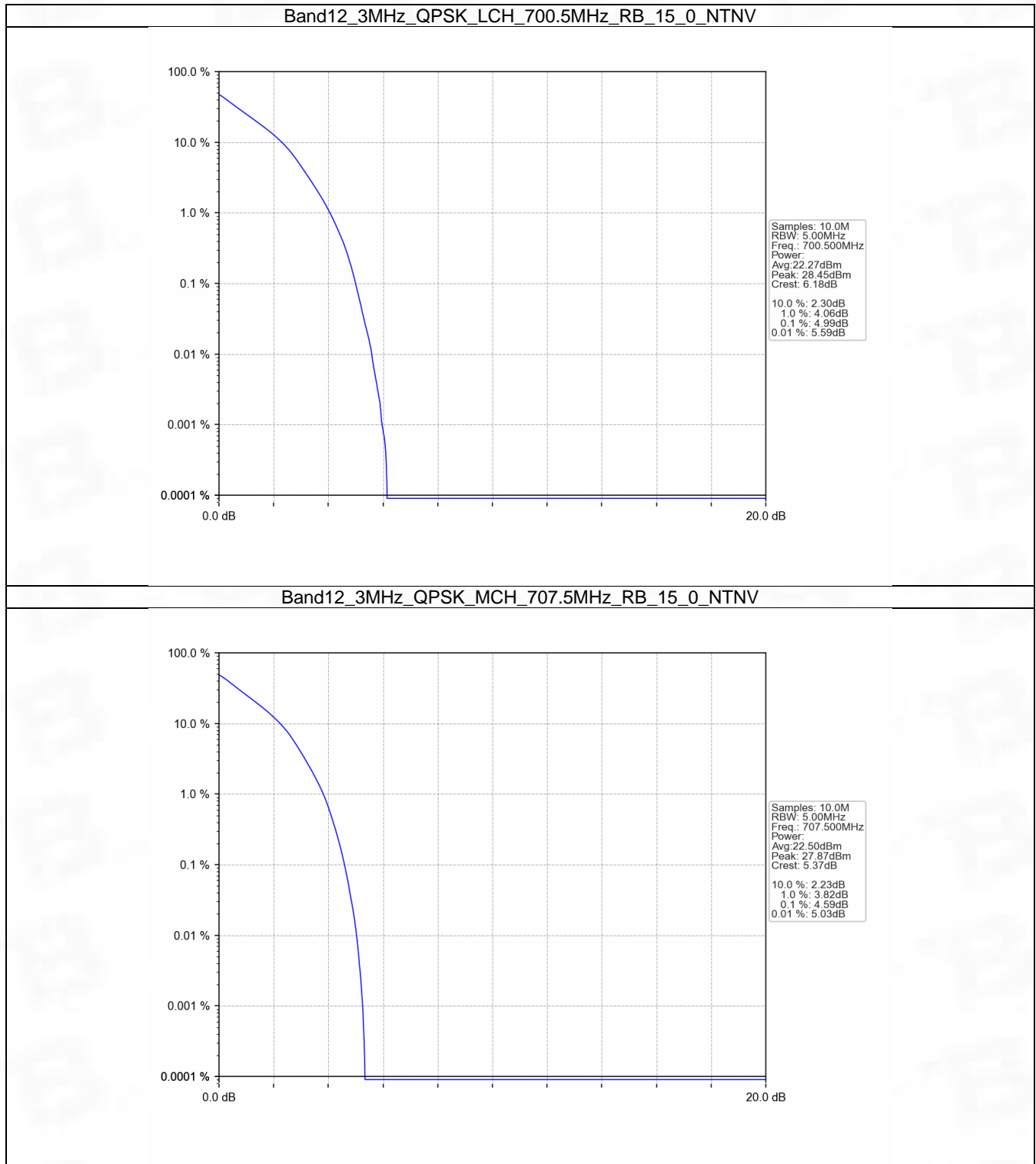


5.2 B12_3MHz

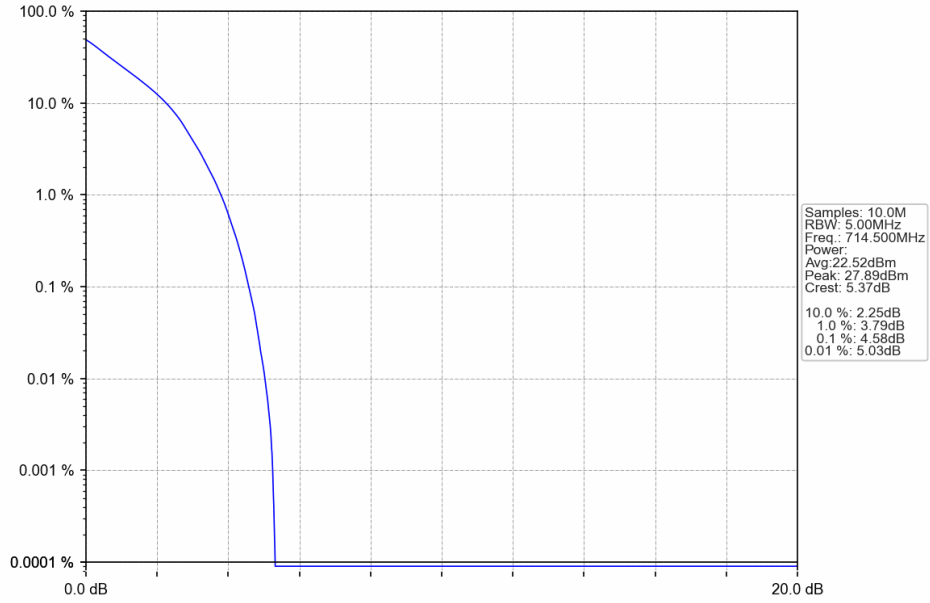
5.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	15	0	4.99	<=13	Pass
	707.5	15	0	4.59	<=13	Pass
	714.5	15	0	4.58	<=13	Pass
16QAM	700.5	15	0	5.81	<=13	Pass
	707.5	15	0	5.48	<=13	Pass
	714.5	15	0	5.46	<=13	Pass

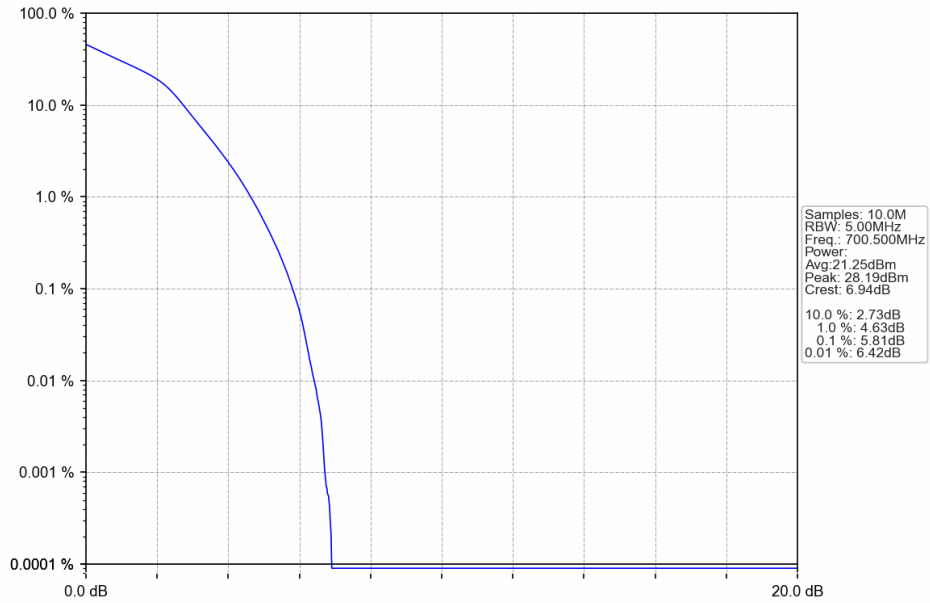
5.2.2 Test Graph



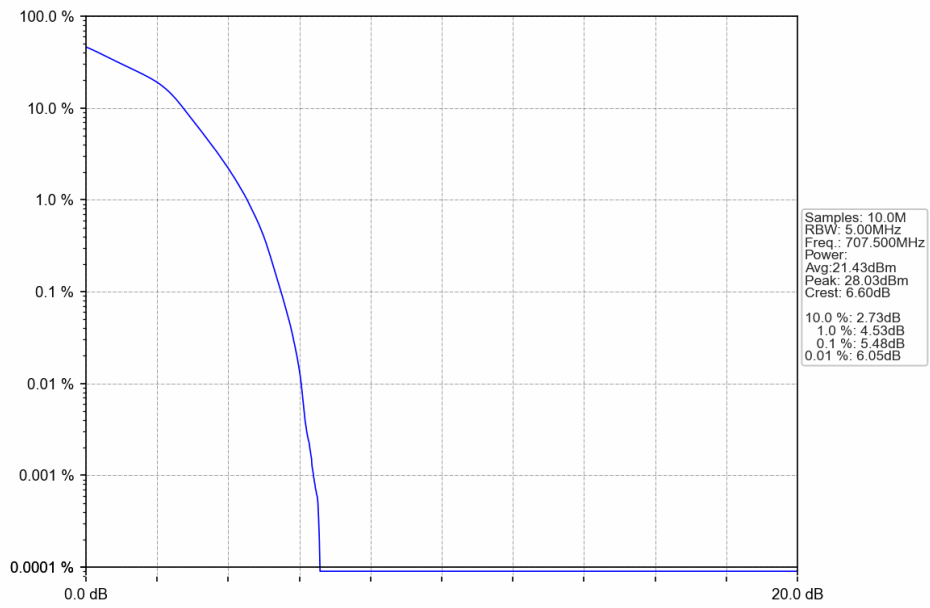
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



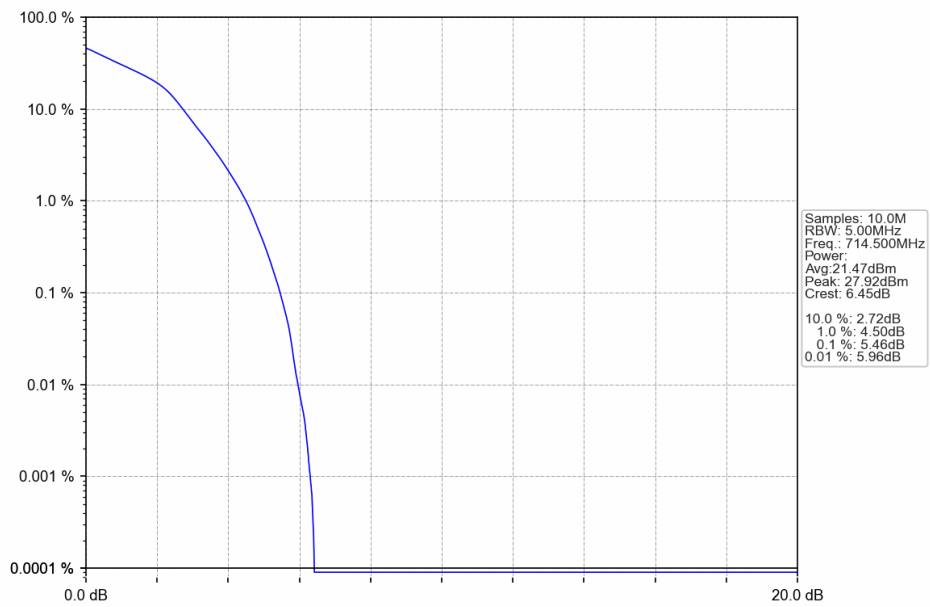
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV

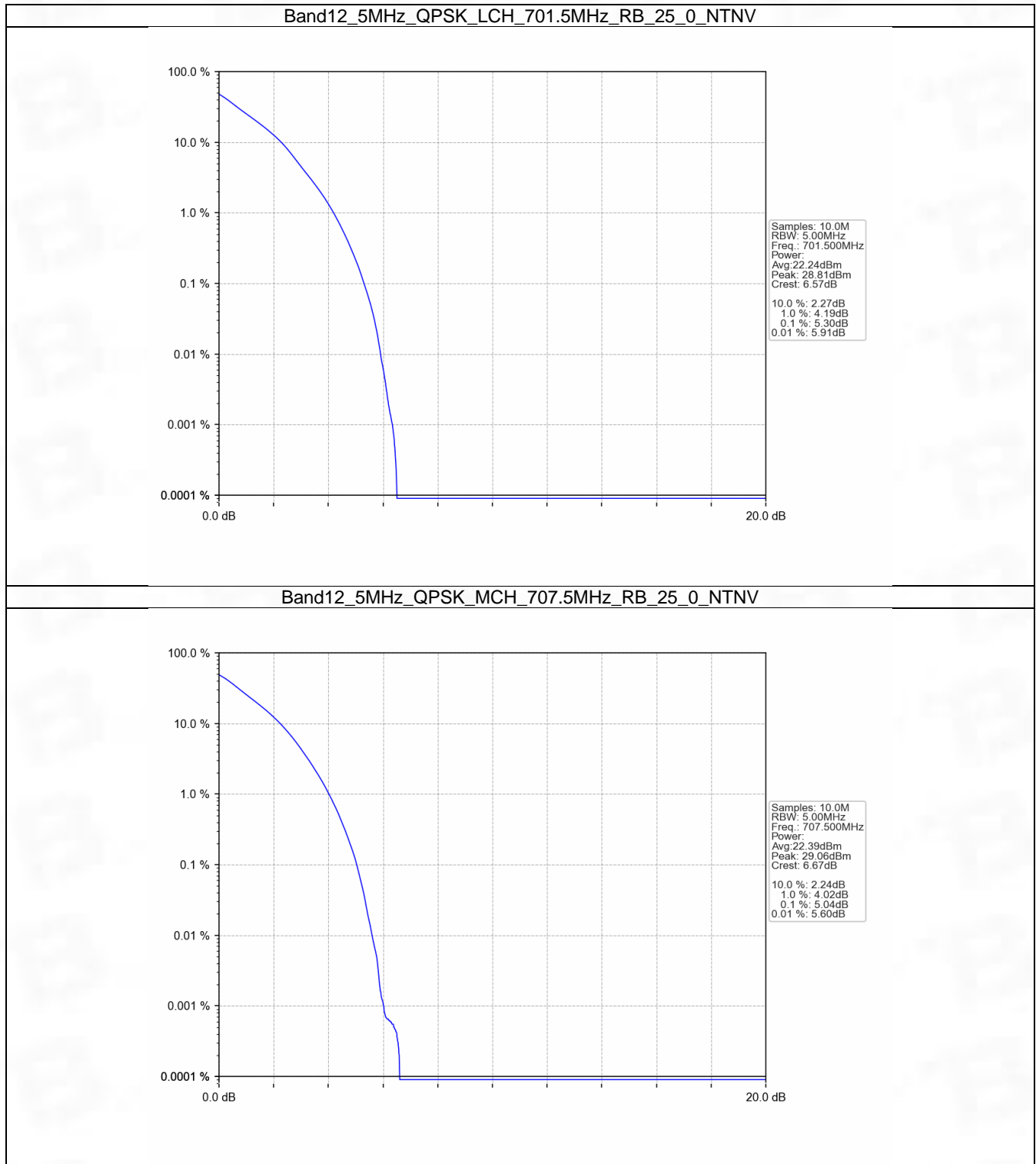


5.3 B12_5MHz

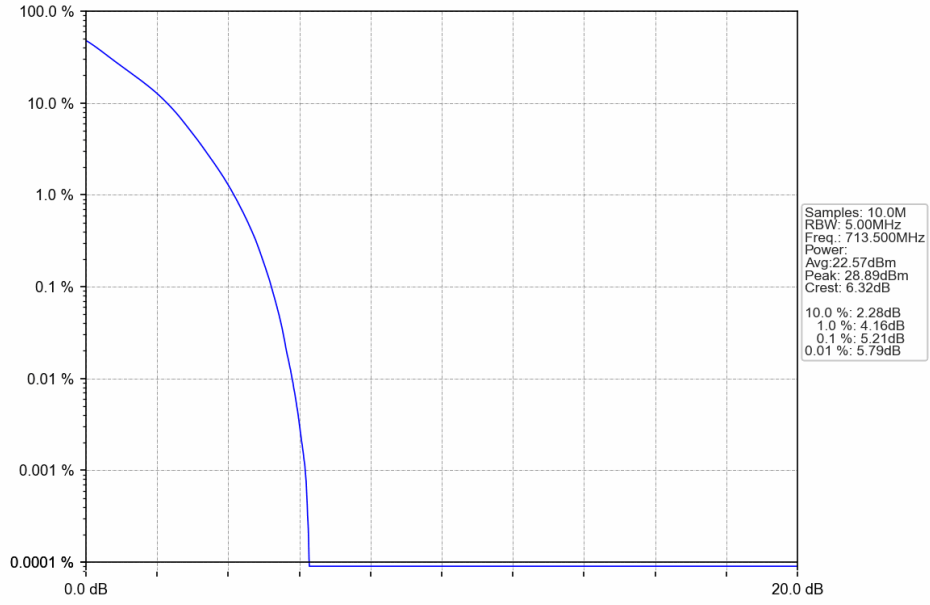
5.3.1 Test Result

Band: 12 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.30	<=13	Pass
	707.5	25	0	5.04	<=13	Pass
	713.5	25	0	5.21	<=13	Pass
16QAM	701.5	25	0	5.99	<=13	Pass
	707.5	25	0	5.71	<=13	Pass
	713.5	25	0	5.87	<=13	Pass

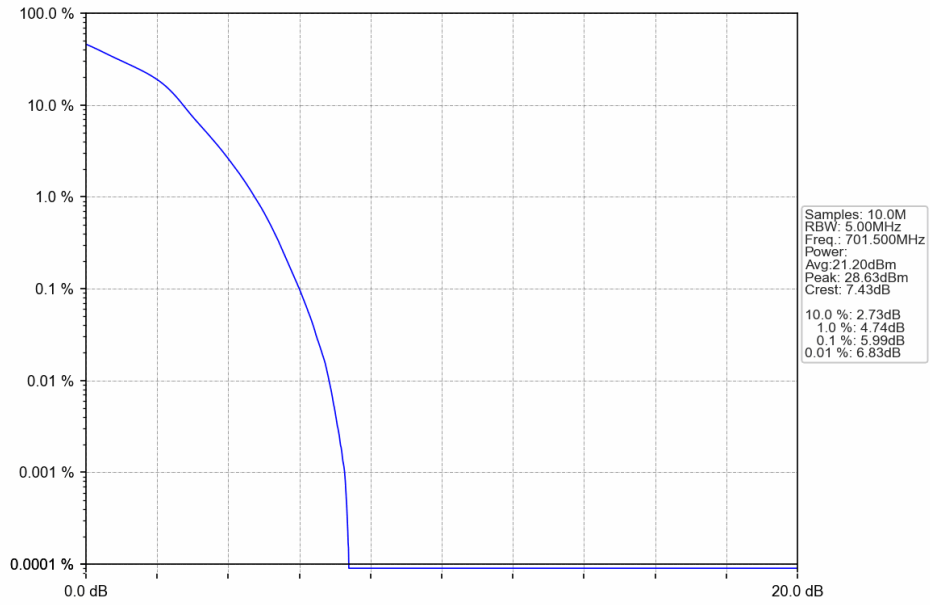
5.3.2 Test Graph



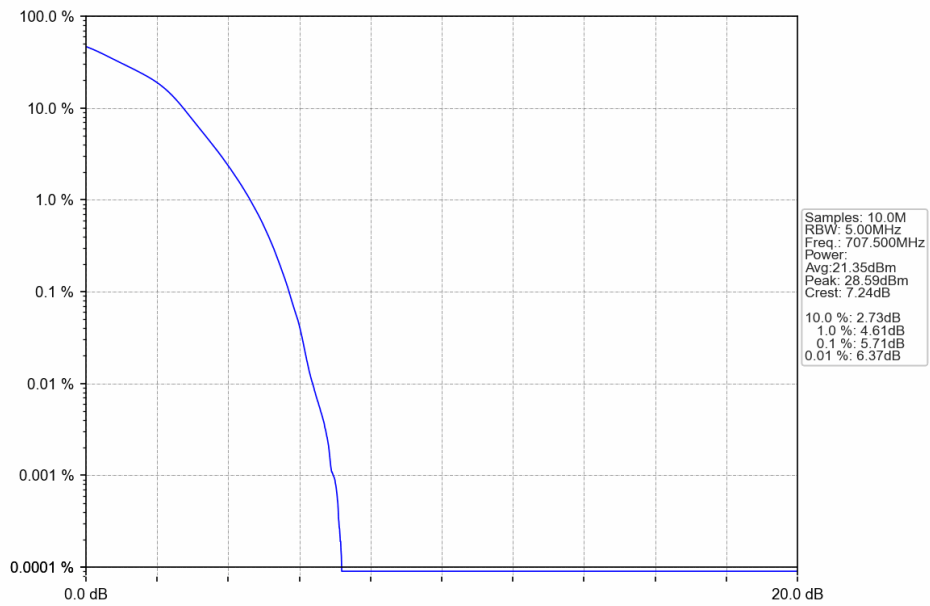
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



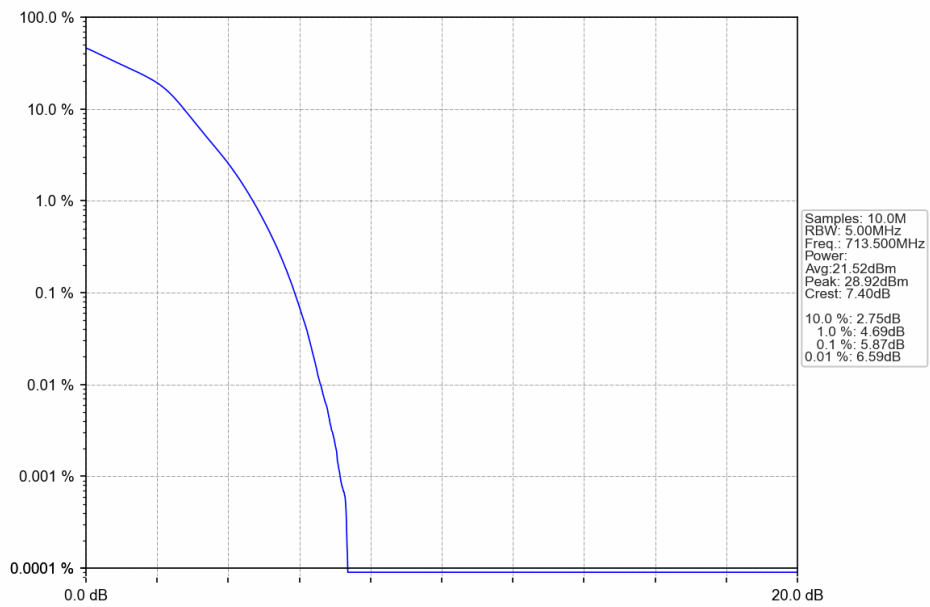
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

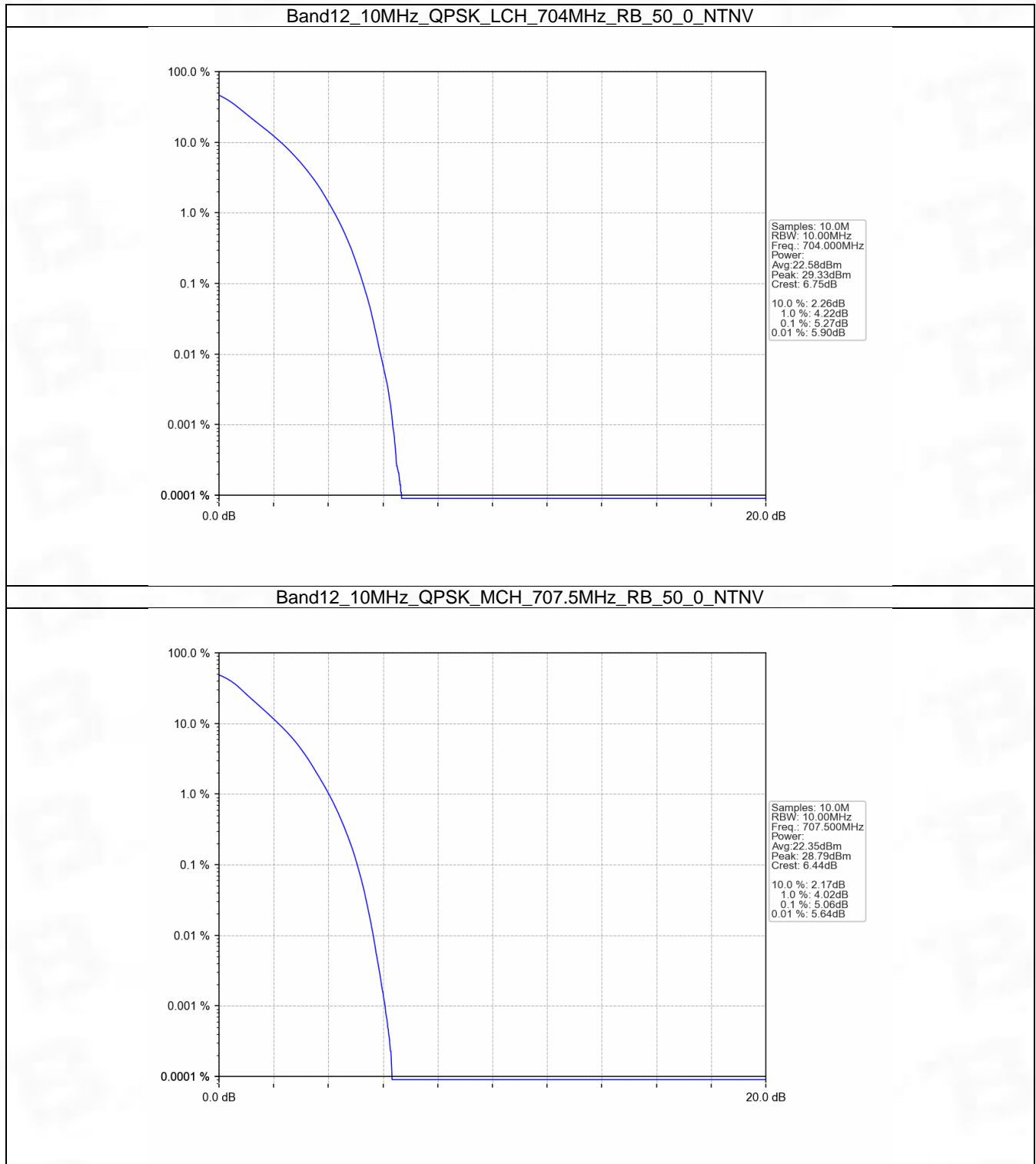


5.4 B12_10MHz

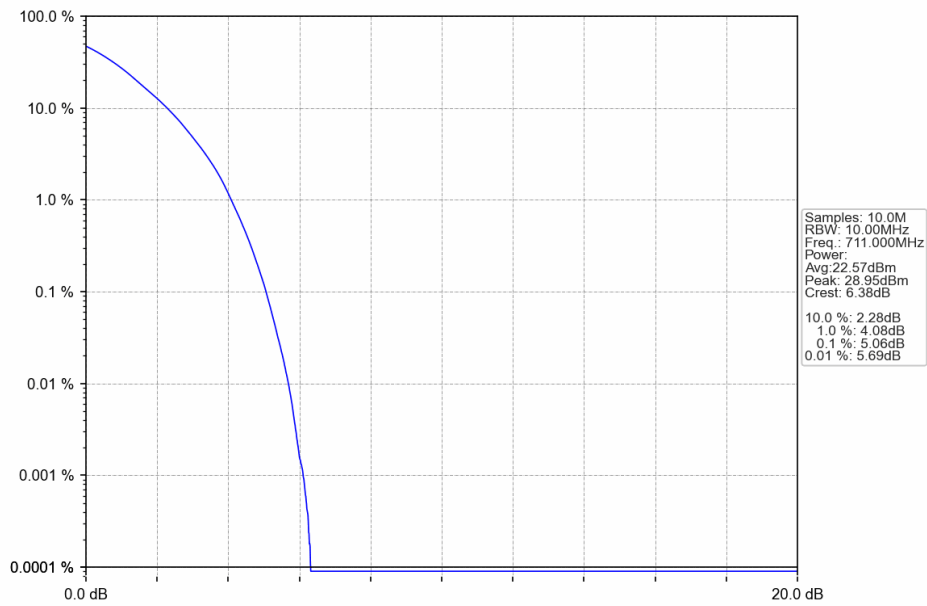
5.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.27	<=13	Pass
	707.5	50	0	5.06	<=13	Pass
	711	50	0	5.06	<=13	Pass
16QAM	704	50	0	5.96	<=13	Pass
	707.5	50	0	5.83	<=13	Pass
	711	50	0	5.79	<=13	Pass

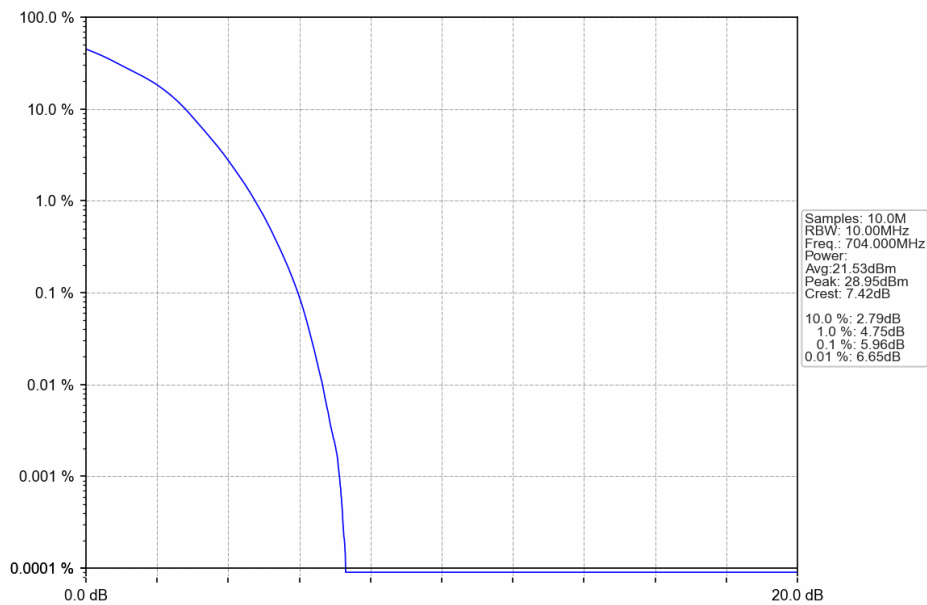
5.4.2 Test Graph



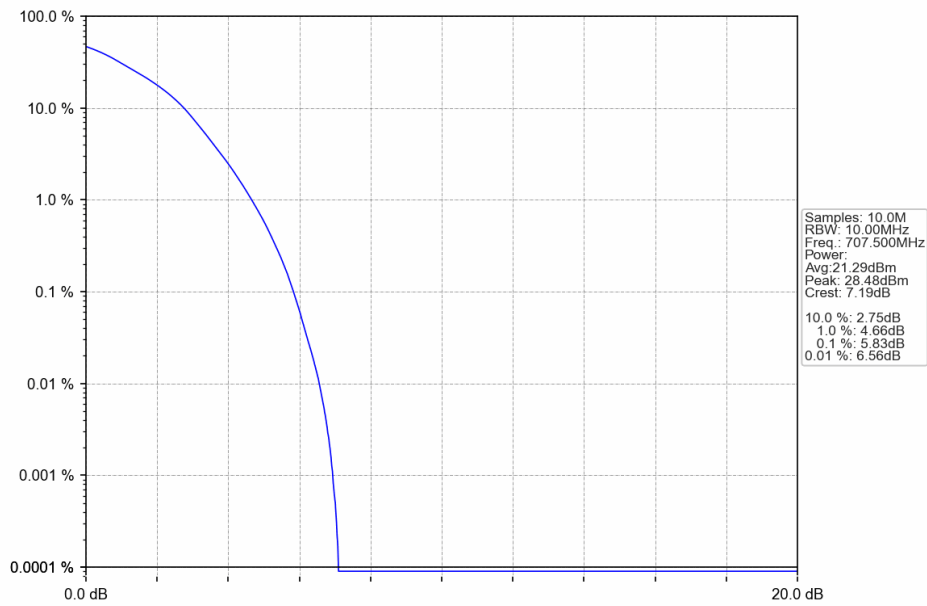
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



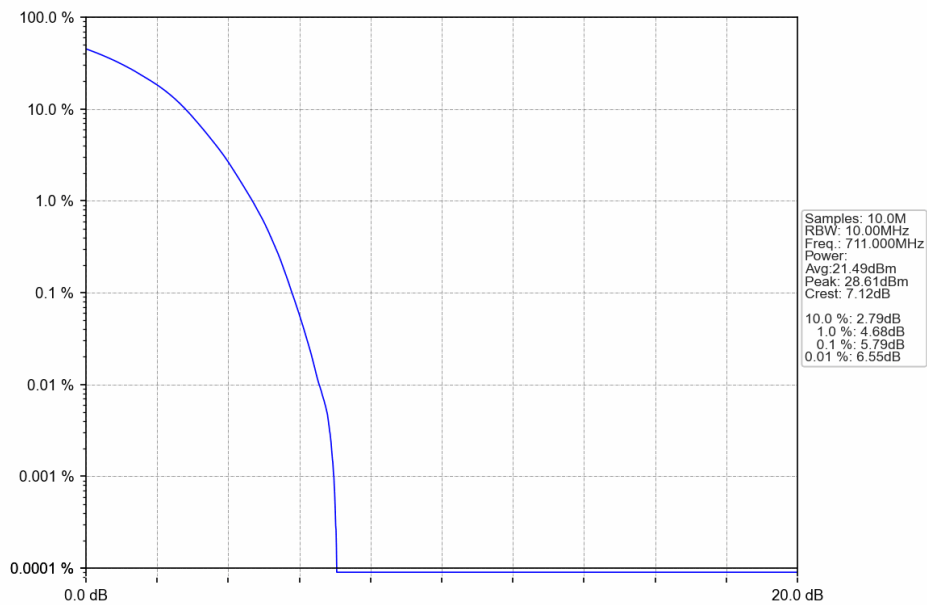
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



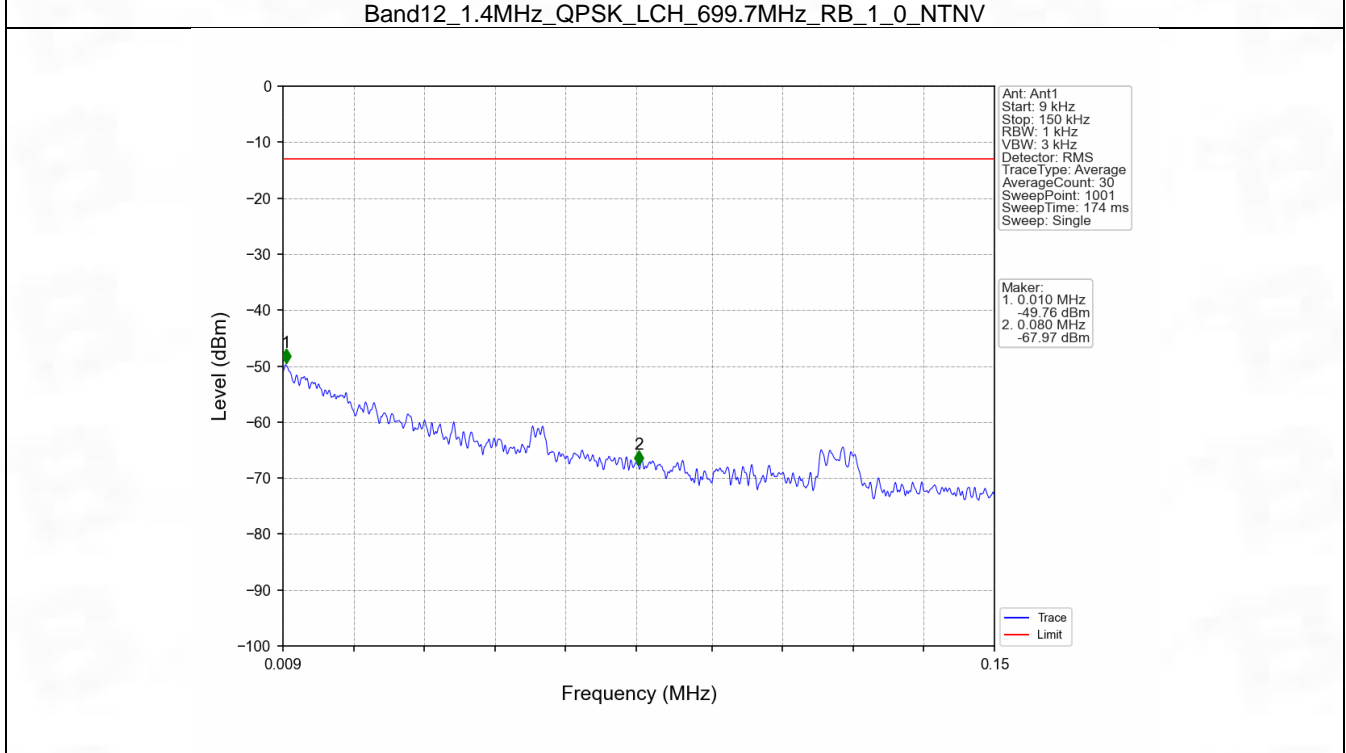
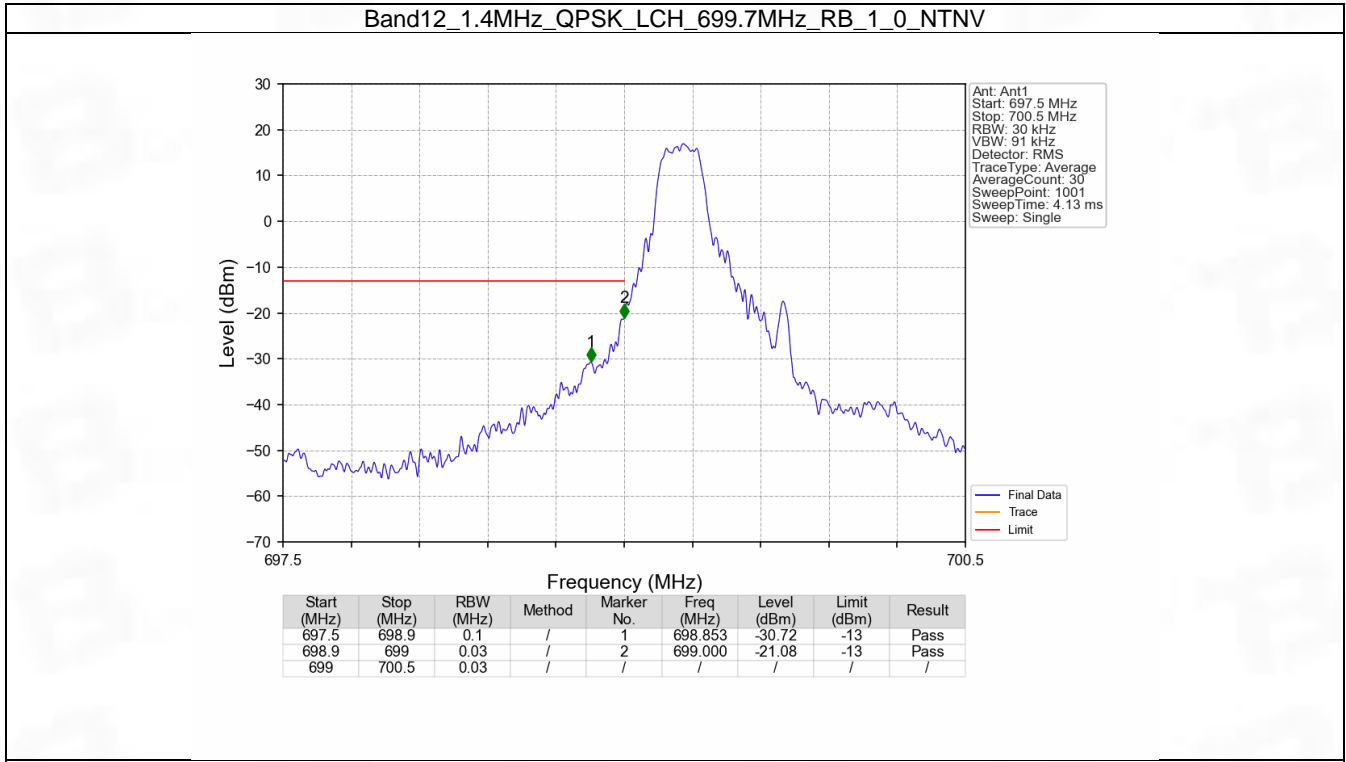
6. Spurious Emission

6.1 B12_1.4MHz

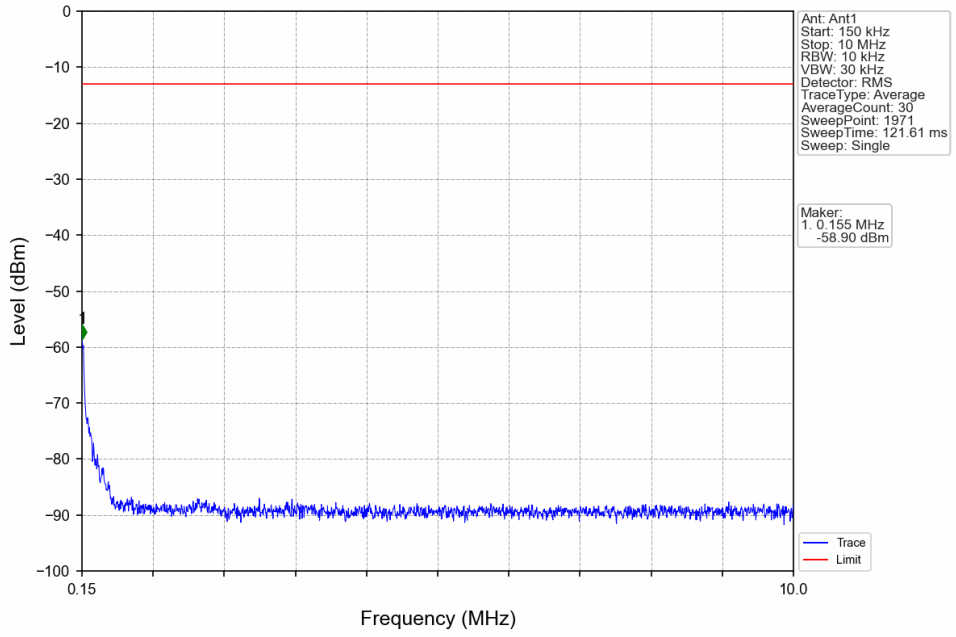
6.1.1 Test Result

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	5	Refer To Test Graph		Pass
		6	0	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	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

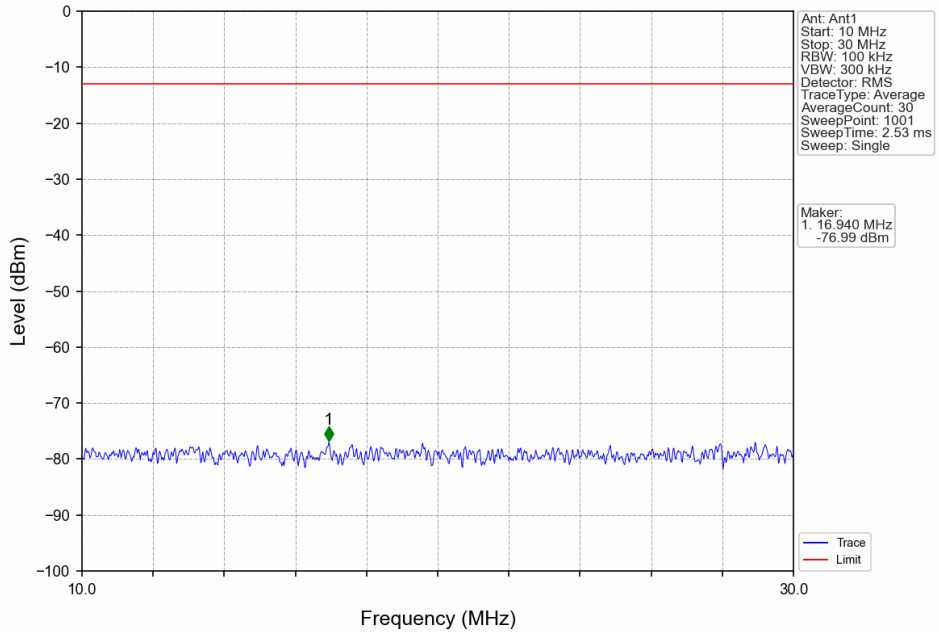
6.1.2 Test Graph



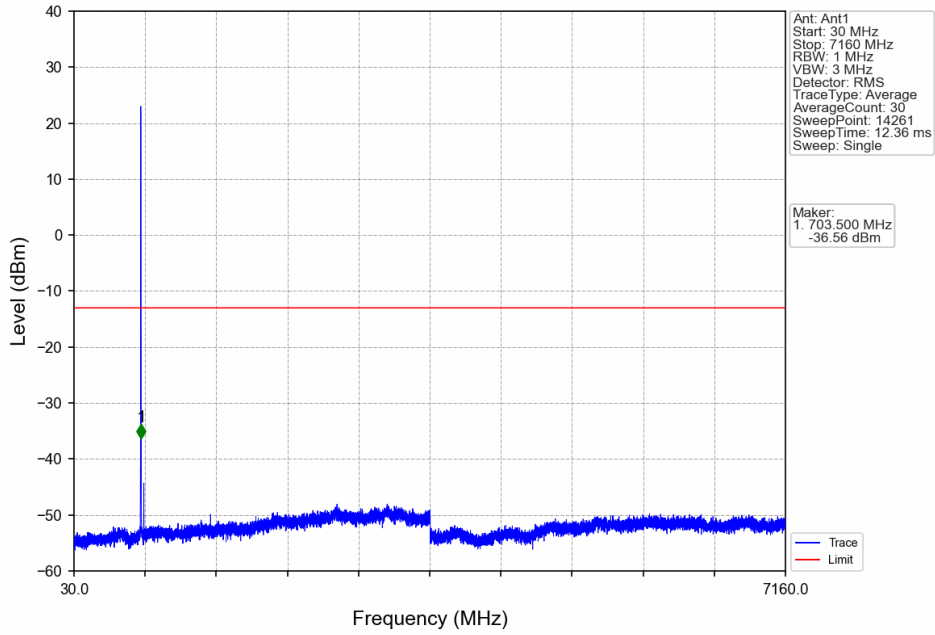
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



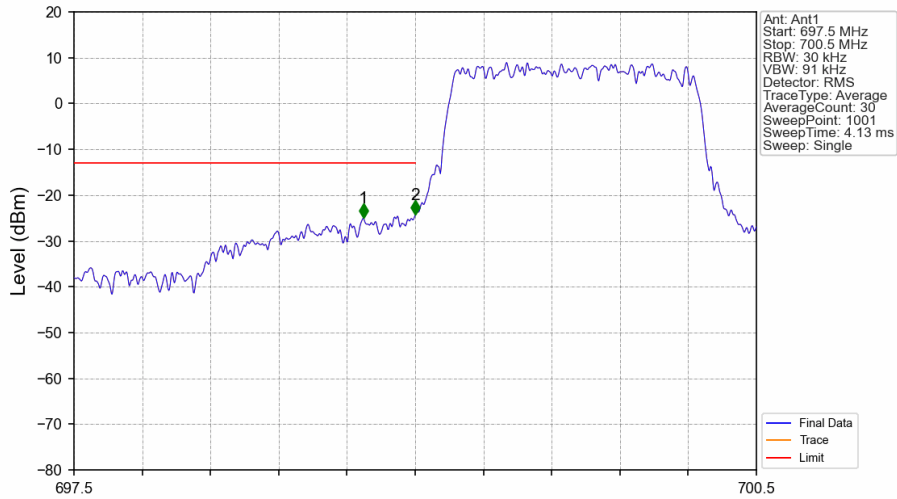
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

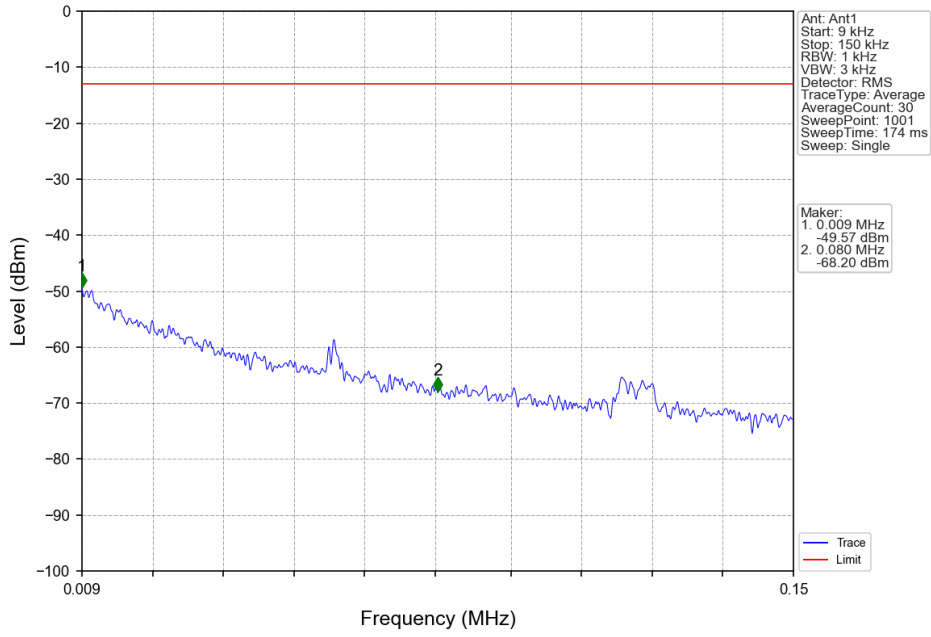


Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

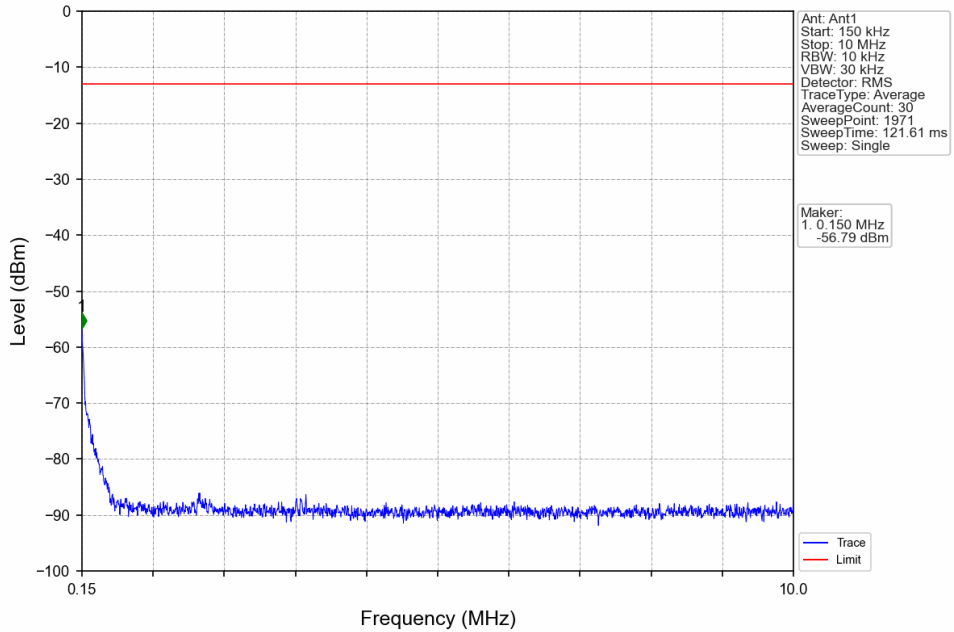


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	/	1	698.772	-25.02	-13	Pass
698.9	699	0.03	/	2	699.000	-24.32	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

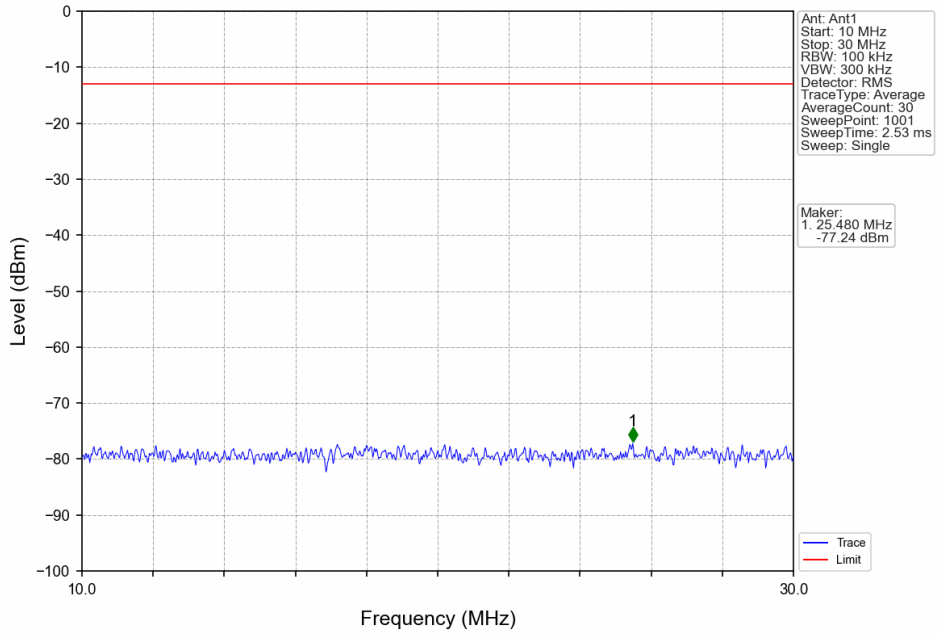
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



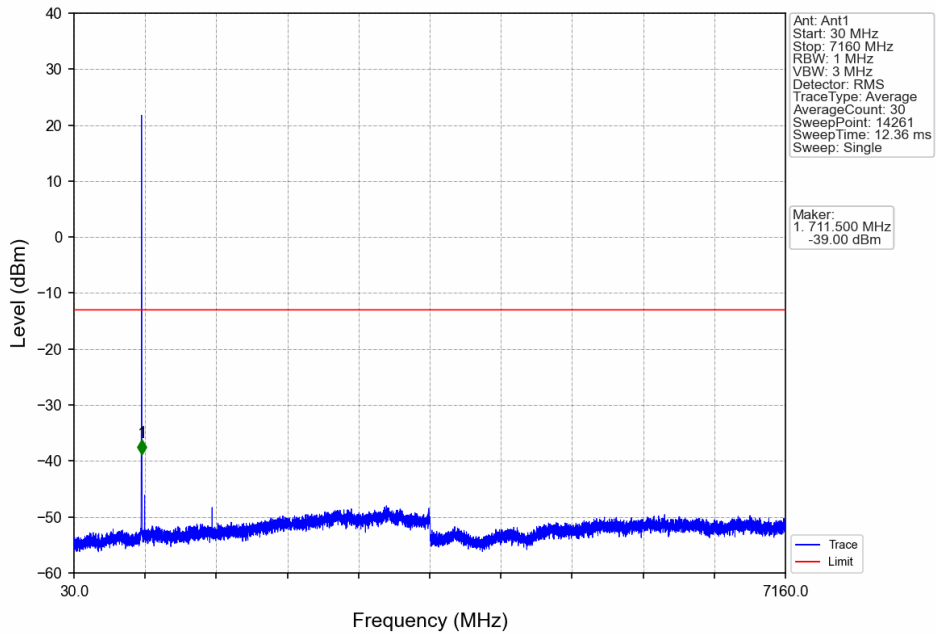
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



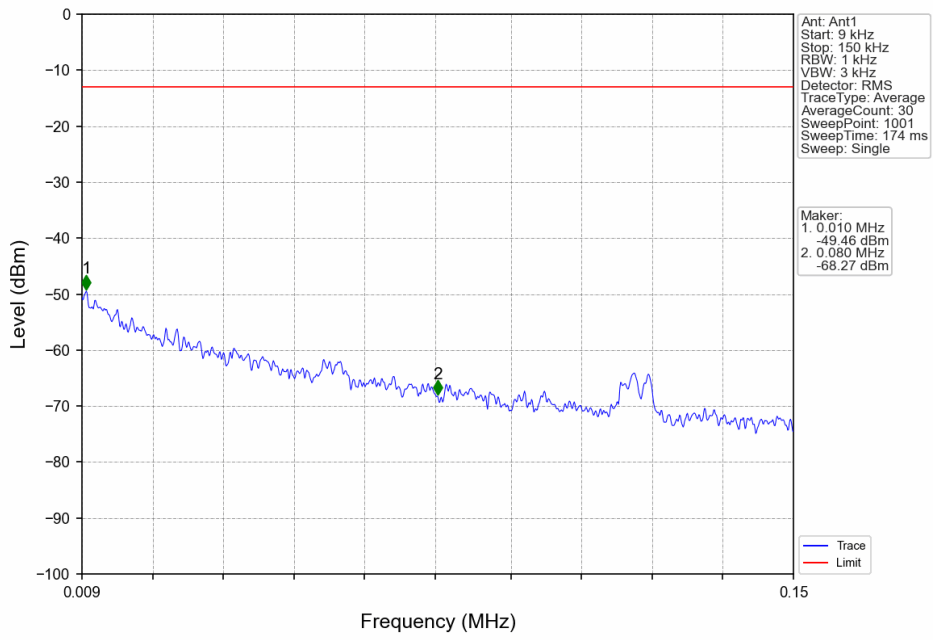
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



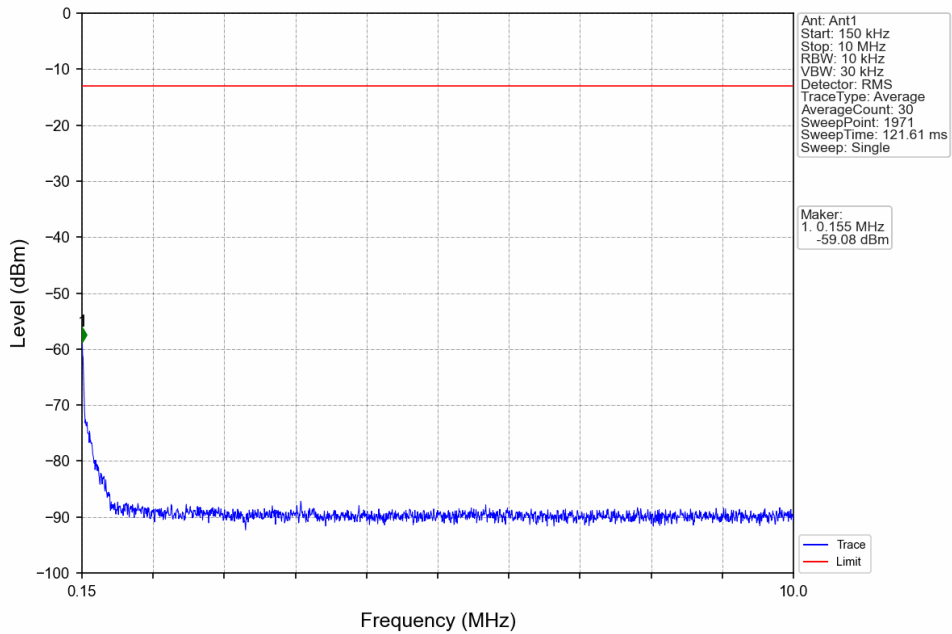
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



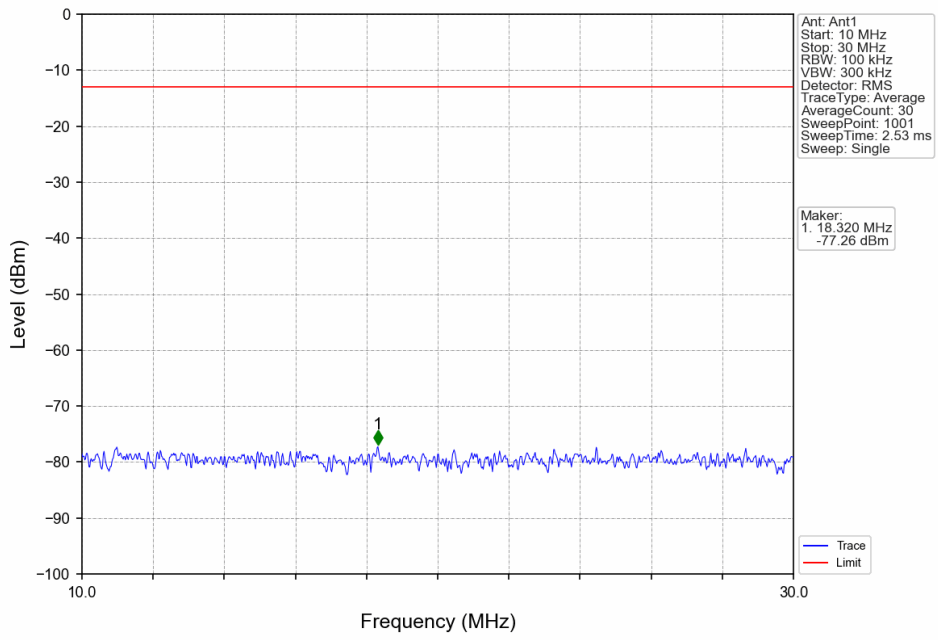
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



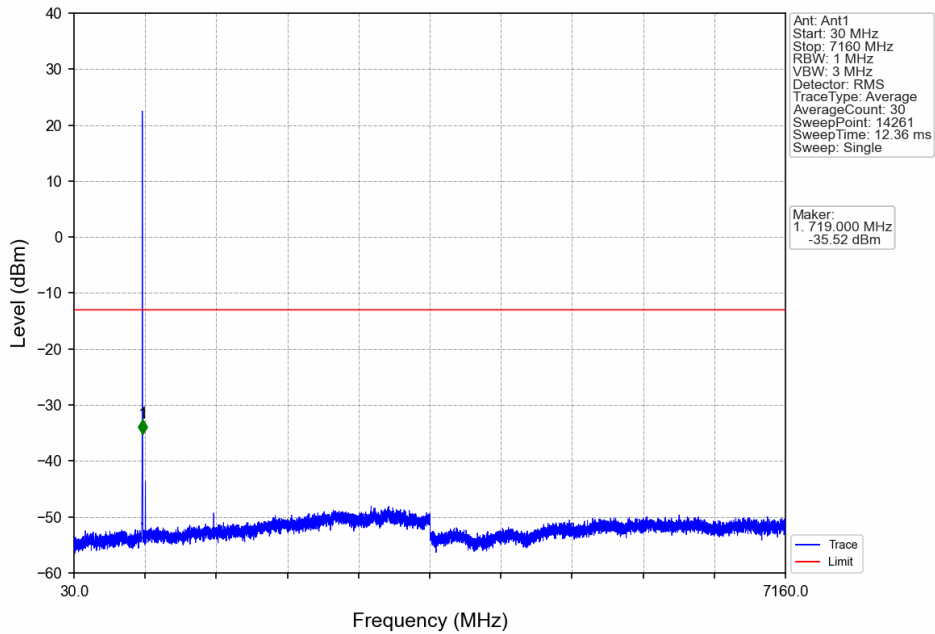
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



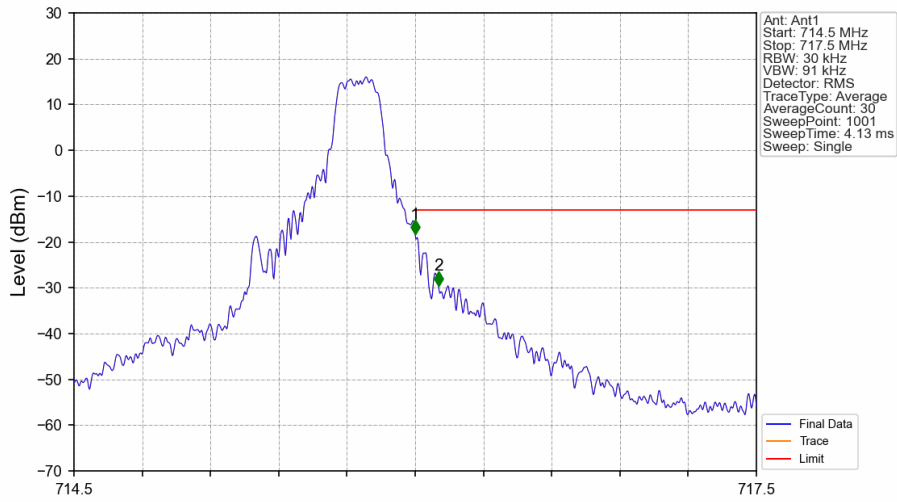
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV

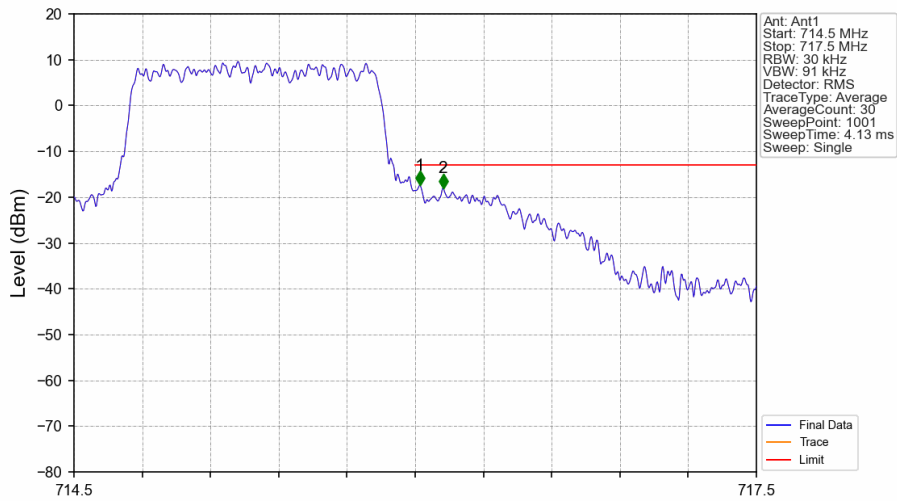


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



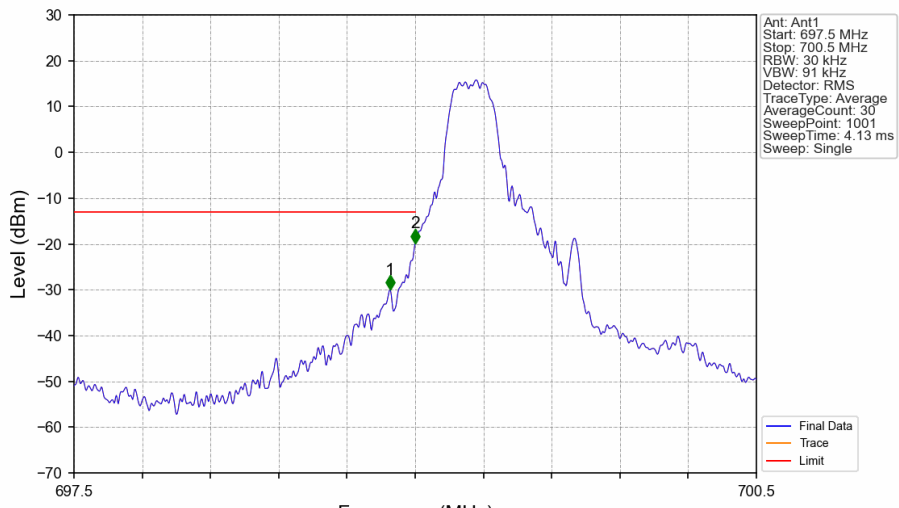
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-18.27	-13	Pass
716.1	717.5	0.1	/	2	716.102	-29.52	-13	Pass

Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



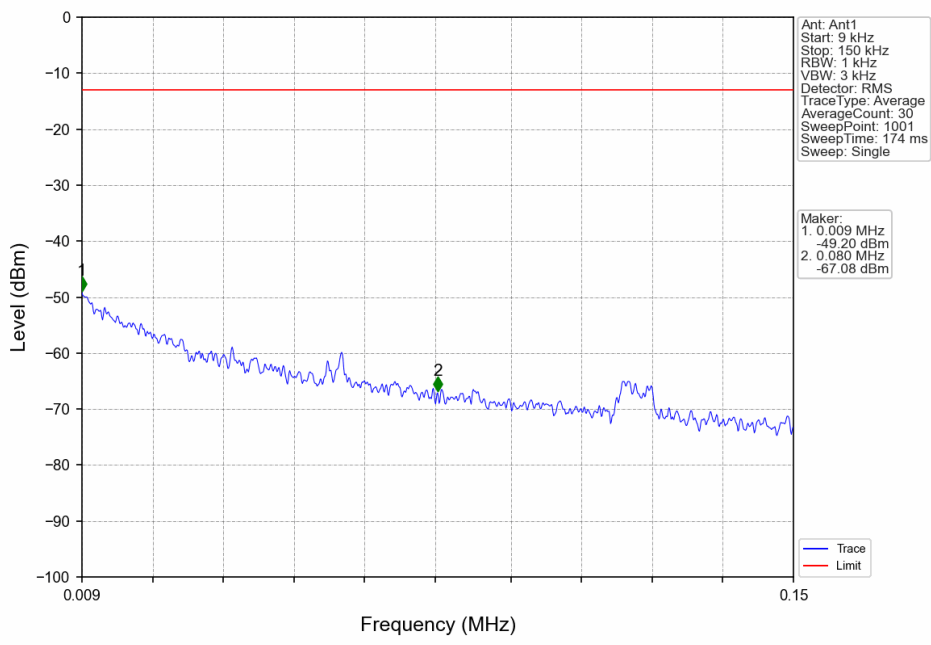
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.021	-17.42	-13	Pass
716.1	717.5	0.1	/	2	716.123	-18.00	-13	Pass

Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

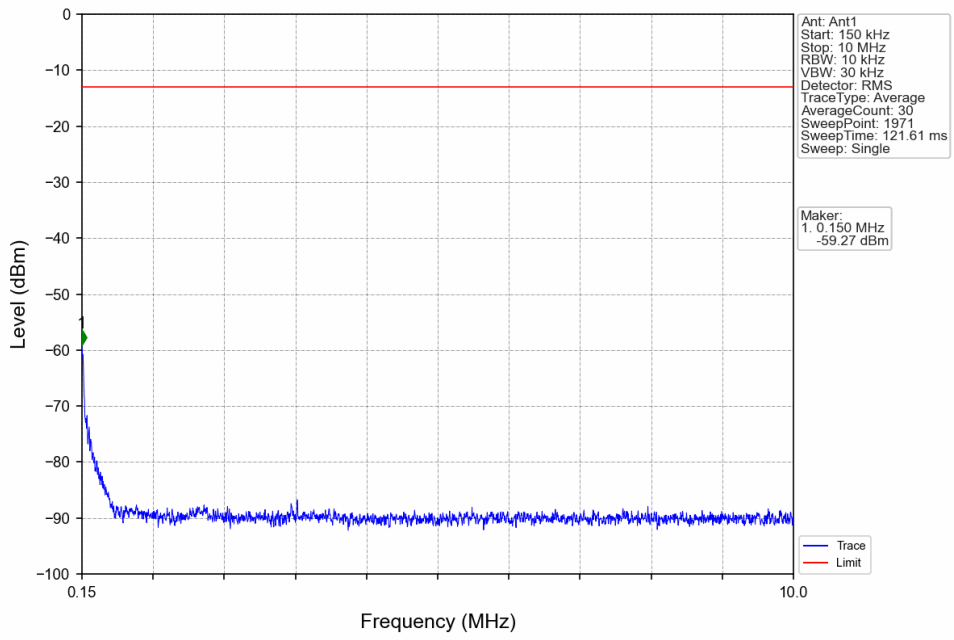


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	/	1	698.889	-29.95	-13	Pass
698.9	699	0.03	/	2	699.000	-19.83	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

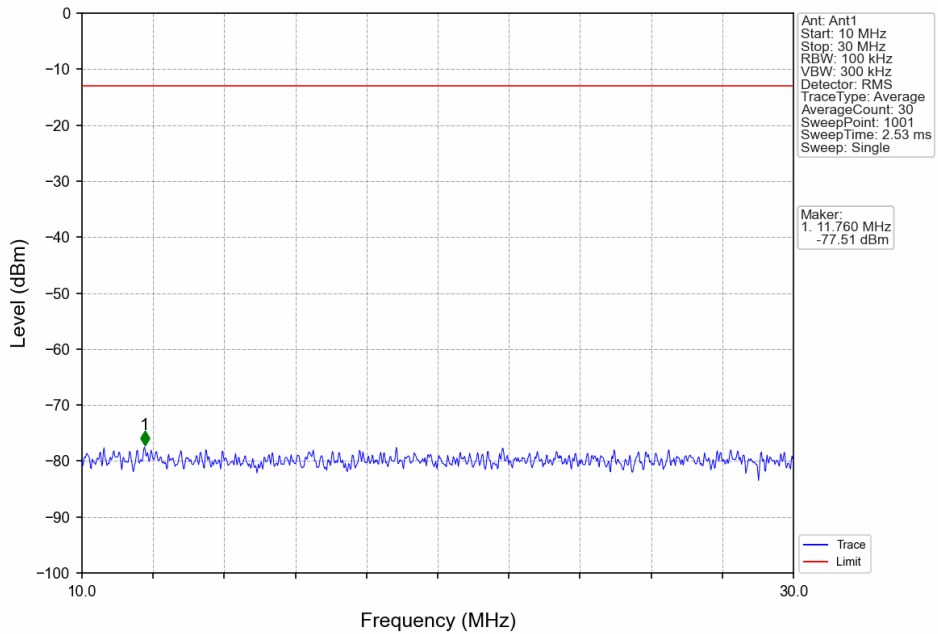
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



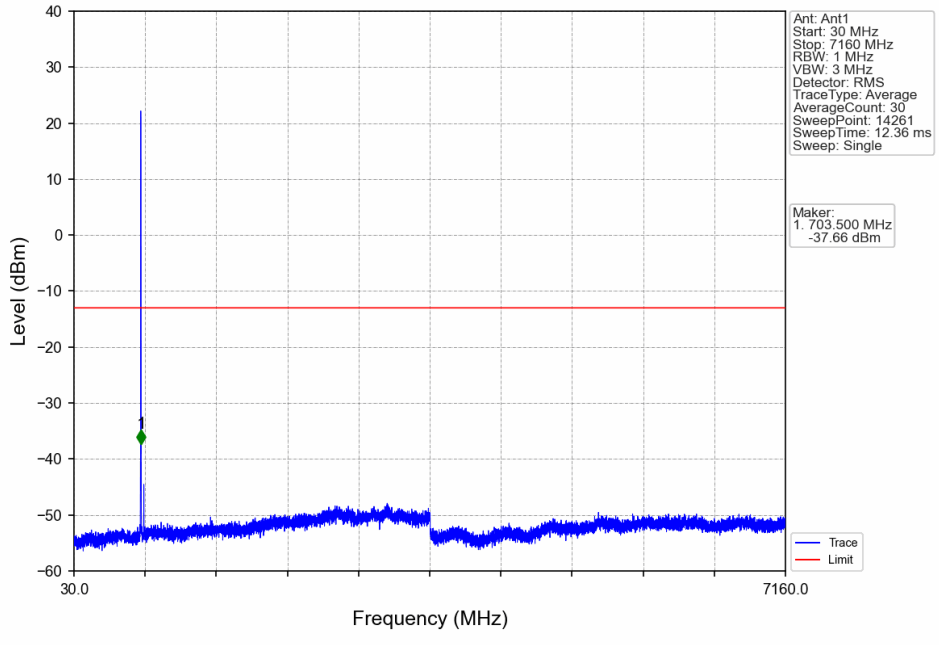
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



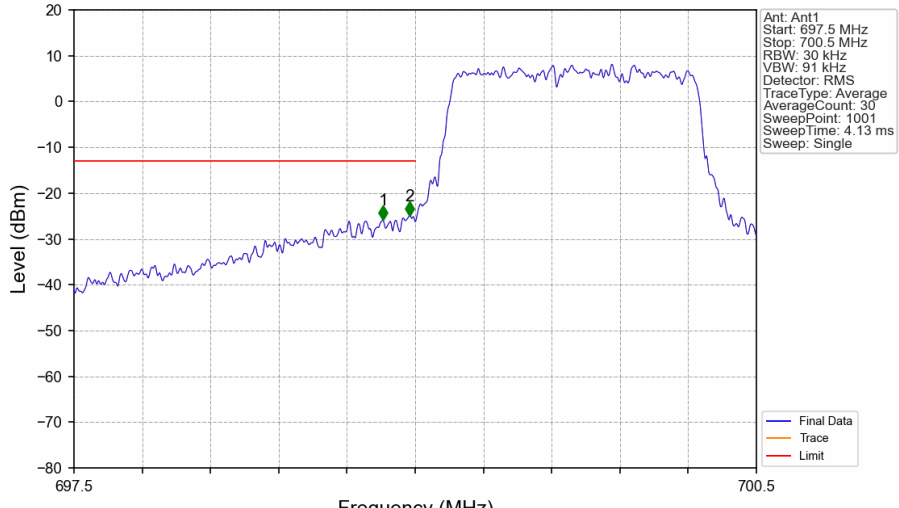
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

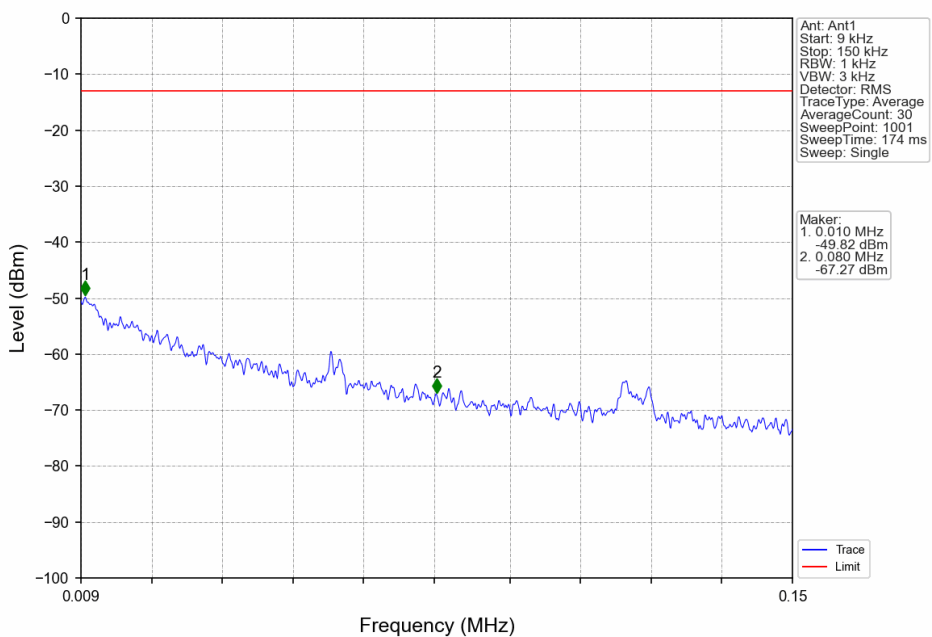


Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV

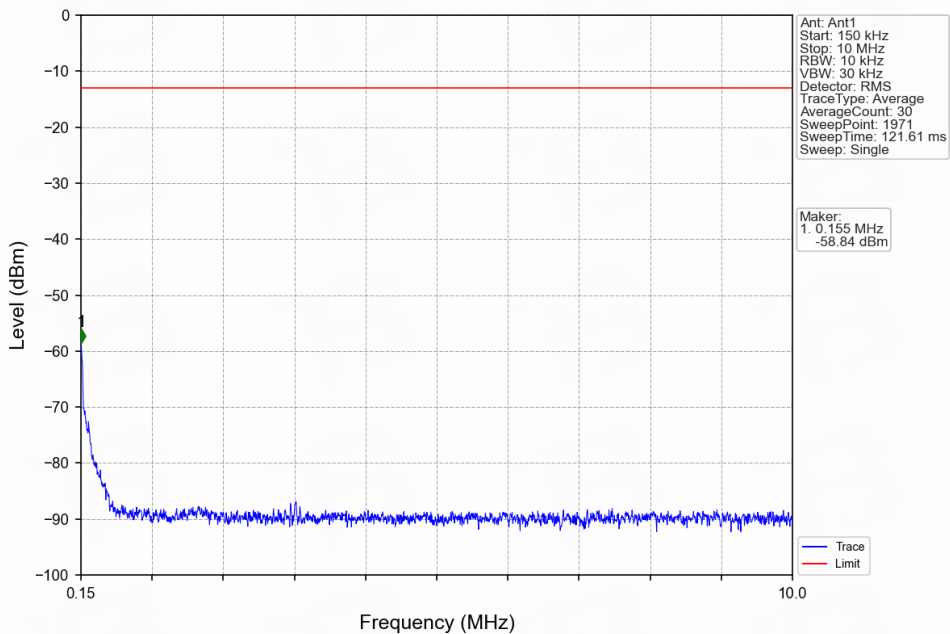


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	/	1	698.859	-25.94	-13	Pass
698.9	699	0.03	/	2	698.976	-24.93	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

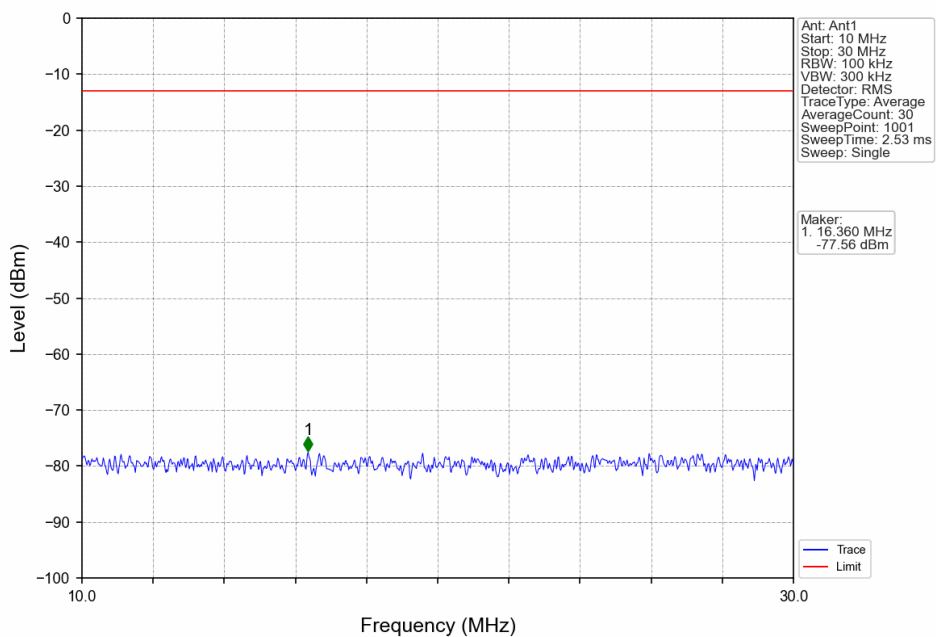
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV

