

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B12_1.4MHz_ERP

Band: 12 / Bandwidth: 1.4MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	699.7	1	0	24.00	-2.79	19.06	<=34.77	Pass
			2	23.96	-2.79	19.02	<=34.77	Pass
			5	23.96	-2.79	19.02	<=34.77	Pass
		3	0	23.83	-2.79	18.89	<=34.77	Pass
			2	23.94	-2.79	19.00	<=34.77	Pass
			3	23.87	-2.79	18.93	<=34.77	Pass
		6	0	22.87	-2.79	17.93	<=34.77	Pass
	707.5	1	0	23.68	-2.79	18.74	<=34.77	Pass
			2	23.78	-2.79	18.84	<=34.77	Pass
			5	23.77	-2.79	18.83	<=34.77	Pass
		3	0	23.93	-2.79	18.99	<=34.77	Pass
			2	23.95	-2.79	19.01	<=34.77	Pass
			3	23.88	-2.79	18.94	<=34.77	Pass
		6	0	22.84	-2.79	17.90	<=34.77	Pass
	715.3	1	0	23.85	-2.79	18.91	<=34.77	Pass
			2	23.82	-2.79	18.88	<=34.77	Pass
			5	23.91	-2.79	18.97	<=34.77	Pass
		3	0	23.91	-2.79	18.97	<=34.77	Pass
			2	23.85	-2.79	18.91	<=34.77	Pass
			3	23.87	-2.79	18.93	<=34.77	Pass
		6	0	22.81	-2.79	17.87	<=34.77	Pass
16QAM	699.7	1	0	22.42	-2.79	17.48	<=34.77	Pass
			2	22.43	-2.79	17.49	<=34.77	Pass
			5	22.36	-2.79	17.42	<=34.77	Pass
		3	0	22.70	-2.79	17.76	<=34.77	Pass
			2	22.66	-2.79	17.72	<=34.77	Pass
			3	22.72	-2.79	17.78	<=34.77	Pass
		6	0	22.00	-2.79	17.06	<=34.77	Pass
	707.5	1	0	22.85	-2.79	17.91	<=34.77	Pass
			2	23.05	-2.79	18.11	<=34.77	Pass
			5	23.01	-2.79	18.07	<=34.77	Pass
		3	0	22.81	-2.79	17.87	<=34.77	Pass
			2	22.83	-2.79	17.89	<=34.77	Pass
			3	23.08	-2.79	18.14	<=34.77	Pass
		6	0	21.92	-2.79	16.98	<=34.77	Pass
	715.3	1	0	23.44	-2.79	18.50	<=34.77	Pass
			2	23.40	-2.79	18.46	<=34.77	Pass
			5	23.51	-2.79	18.57	<=34.77	Pass
		3	0	22.89	-2.79	17.95	<=34.77	Pass
			2	22.82	-2.79	17.88	<=34.77	Pass
			3	22.86	-2.79	17.92	<=34.77	Pass
		6	0	22.04	-2.79	17.10	<=34.77	Pass
64QAM	699.7	1	0	21.56	-2.79	16.62	<=34.77	Pass
			2	21.59	-2.79	16.65	<=34.77	Pass
			5	21.62	-2.79	16.68	<=34.77	Pass
		3	0	22.45	-2.79	17.51	<=34.77	Pass
			2	22.41	-2.79	17.47	<=34.77	Pass
			3	22.37	-2.79	17.43	<=34.77	Pass
		6	0	21.13	-2.79	16.19	<=34.77	Pass

	707.5	1	0	22.00	-2.79	17.06	<=34.77	Pass
			2	22.24	-2.79	17.30	<=34.77	Pass
			5	21.59	-2.79	16.65	<=34.77	Pass
		3	0	22.44	-2.79	17.50	<=34.77	Pass
			2	22.43	-2.79	17.49	<=34.77	Pass
			3	22.30	-2.79	17.36	<=34.77	Pass
	715.3	6	0	20.97	-2.79	16.03	<=34.77	Pass
			0	21.35	-2.79	16.41	<=34.77	Pass
			2	22.01	-2.79	17.07	<=34.77	Pass
		1	5	21.35	-2.79	16.41	<=34.77	Pass
			0	22.57	-2.79	17.63	<=34.77	Pass
			2	22.07	-2.79	17.13	<=34.77	Pass
		3	3	22.04	-2.79	17.10	<=34.77	Pass
			0	21.05	-2.79	16.11	<=34.77	Pass
			0					

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B12_3MHz_ERP

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	23.80	-2.79	18.86	<=34.77	Pass
			7	23.73	-2.79	18.79	<=34.77	Pass
			14	23.71	-2.79	18.77	<=34.77	Pass
		8	0	22.83	-2.79	17.89	<=34.77	Pass
			4	22.71	-2.79	17.77	<=34.77	Pass
			7	22.82	-2.79	17.88	<=34.77	Pass
		15	0	22.77	-2.79	17.83	<=34.77	Pass
	707.5	1	0	23.77	-2.79	18.83	<=34.77	Pass
			7	23.85	-2.79	18.91	<=34.77	Pass
			14	23.81	-2.79	18.87	<=34.77	Pass
		8	0	22.70	-2.79	17.76	<=34.77	Pass
			4	22.84	-2.79	17.90	<=34.77	Pass
			7	22.89	-2.79	17.95	<=34.77	Pass
		15	0	22.82	-2.79	17.88	<=34.77	Pass
	714.5	1	0	23.95	-2.79	19.01	<=34.77	Pass
			7	23.98	-2.79	19.04	<=34.77	Pass
			14	23.73	-2.79	18.79	<=34.77	Pass
		8	0	22.76	-2.79	17.82	<=34.77	Pass
			4	22.81	-2.79	17.87	<=34.77	Pass
			7	22.79	-2.79	17.85	<=34.77	Pass
		15	0	22.77	-2.79	17.83	<=34.77	Pass
16QAM	700.5	1	0	23.21	-2.79	18.27	<=34.77	Pass
			7	23.04	-2.79	18.10	<=34.77	Pass
			14	22.95	-2.79	18.01	<=34.77	Pass
		8	0	22.08	-2.79	17.14	<=34.77	Pass
			4	22.00	-2.79	17.06	<=34.77	Pass
			7	22.01	-2.79	17.07	<=34.77	Pass
		15	0	21.98	-2.79	17.04	<=34.77	Pass
	707.5	1	0	22.96	-2.79	18.02	<=34.77	Pass
			7	23.11	-2.79	18.17	<=34.77	Pass
			14	23.05	-2.79	18.11	<=34.77	Pass
		8	0	21.84	-2.79	16.90	<=34.77	Pass
			4	21.86	-2.79	16.92	<=34.77	Pass
			7	22.00	-2.79	17.06	<=34.77	Pass
		15	0	21.98	-2.79	17.04	<=34.77	Pass
	714.5	1	0	22.45	-2.79	17.51	<=34.77	Pass

64QAM		8	7	22.53	-2.79	17.59	<=34.77	Pass		
			14	22.46	-2.79	17.52	<=34.77	Pass		
			0	22.07	-2.79	17.13	<=34.77	Pass		
		15	4	22.06	-2.79	17.12	<=34.77	Pass		
			7	22.03	-2.79	17.09	<=34.77	Pass		
			0	21.89	-2.79	16.95	<=34.77	Pass		
	700.5	1	0	22.64	-2.79	17.70	<=34.77	Pass		
			7	22.54	-2.79	17.60	<=34.77	Pass		
			14	22.47	-2.79	17.53	<=34.77	Pass		
		8	0	21.00	-2.79	16.06	<=34.77	Pass		
			4	20.96	-2.79	16.02	<=34.77	Pass		
			7	20.96	-2.79	16.02	<=34.77	Pass		
		15	0	20.92	-2.79	15.98	<=34.77	Pass		
		707.5	1	0	21.37	-2.79	16.43	<=34.77	Pass	
				7	21.53	-2.79	16.59	<=34.77	Pass	
				14	21.41	-2.79	16.47	<=34.77	Pass	
			8	0	20.77	-2.79	15.83	<=34.77	Pass	
				4	20.78	-2.79	15.84	<=34.77	Pass	
				7	20.75	-2.79	15.81	<=34.77	Pass	
			15	0	20.93	-2.79	15.99	<=34.77	Pass	
			714.5	1	0	21.78	-2.79	16.84	<=34.77	Pass
					7	21.75	-2.79	16.81	<=34.77	Pass
		14			21.76	-2.79	16.82	<=34.77	Pass	
		8		0	20.80	-2.79	15.86	<=34.77	Pass	
				4	20.87	-2.79	15.93	<=34.77	Pass	
				7	20.85	-2.79	15.91	<=34.77	Pass	
		15	0	20.94	-2.79	16.00	<=34.77	Pass		
Note1: ERP=Conducted Power+Antenna Gain-2.15										

1.1.3 B12_5MHz_ERP

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	23.79	-2.79	18.85	<=34.77	Pass
			13	23.68	-2.79	18.74	<=34.77	Pass
			24	23.63	-2.79	18.69	<=34.77	Pass
		12	0	22.73	-2.79	17.79	<=34.77	Pass
			6	22.78	-2.79	17.84	<=34.77	Pass
			13	22.70	-2.79	17.76	<=34.77	Pass
		25	0	22.81	-2.79	17.87	<=34.77	Pass
	707.5	1	0	23.82	-2.79	18.88	<=34.77	Pass
			13	23.81	-2.79	18.87	<=34.77	Pass
			24	23.83	-2.79	18.89	<=34.77	Pass
		12	0	22.83	-2.79	17.89	<=34.77	Pass
			6	22.87	-2.79	17.93	<=34.77	Pass
			13	22.83	-2.79	17.89	<=34.77	Pass
		25	0	22.73	-2.79	17.79	<=34.77	Pass
	713.5	1	0	23.80	-2.79	18.86	<=34.77	Pass
			13	23.65	-2.79	18.71	<=34.77	Pass
			24	23.35	-2.79	18.41	<=34.77	Pass
		12	0	22.91	-2.79	17.97	<=34.77	Pass
			6	22.79	-2.79	17.85	<=34.77	Pass
			13	22.77	-2.79	17.83	<=34.77	Pass
		25	0	22.83	-2.79	17.89	<=34.77	Pass
16QAM	701.5	1	0	22.08	-2.79	17.14	<=34.77	Pass
			13	21.96	-2.79	17.02	<=34.77	Pass

		12	24	21.99	-2.79	17.05	<=34.77	Pass	
			0	21.80	-2.79	16.86	<=34.77	Pass	
			6	21.83	-2.79	16.89	<=34.77	Pass	
			13	21.75	-2.79	16.81	<=34.77	Pass	
		25	0	21.92	-2.79	16.98	<=34.77	Pass	
	707.5	1	0	22.54	-2.79	17.60	<=34.77	Pass	
			13	22.57	-2.79	17.63	<=34.77	Pass	
			24	22.76	-2.79	17.82	<=34.77	Pass	
		12	0	21.72	-2.79	16.78	<=34.77	Pass	
			6	21.77	-2.79	16.83	<=34.77	Pass	
			13	21.78	-2.79	16.84	<=34.77	Pass	
		25	0	21.83	-2.79	16.89	<=34.77	Pass	
		713.5	1	0	22.91	-2.79	17.97	<=34.77	Pass
	13			22.90	-2.79	17.96	<=34.77	Pass	
	24			23.02	-2.79	18.08	<=34.77	Pass	
	12		0	21.88	-2.79	16.94	<=34.77	Pass	
			6	21.86	-2.79	16.92	<=34.77	Pass	
			13	21.86	-2.79	16.92	<=34.77	Pass	
	25		0	21.93	-2.79	16.99	<=34.77	Pass	
	64QAM	701.5	1	0	21.29	-2.79	16.35	<=34.77	Pass
				13	21.29	-2.79	16.35	<=34.77	Pass
24				21.25	-2.79	16.31	<=34.77	Pass	
12			0	20.70	-2.79	15.76	<=34.77	Pass	
			6	20.71	-2.79	15.77	<=34.77	Pass	
			13	20.60	-2.79	15.66	<=34.77	Pass	
25			0	20.98	-2.79	16.04	<=34.77	Pass	
707.5		1	0	22.45	-2.79	17.51	<=34.77	Pass	
			13	22.38	-2.79	17.44	<=34.77	Pass	
			24	22.36	-2.79	17.42	<=34.77	Pass	
		12	0	20.94	-2.79	16.00	<=34.77	Pass	
			6	21.01	-2.79	16.07	<=34.77	Pass	
			13	20.95	-2.79	16.01	<=34.77	Pass	
		25	0	20.92	-2.79	15.98	<=34.77	Pass	
713.5		1	0	21.39	-2.79	16.45	<=34.77	Pass	
			13	21.22	-2.79	16.28	<=34.77	Pass	
			24	21.42	-2.79	16.48	<=34.77	Pass	
		12	0	20.82	-2.79	15.88	<=34.77	Pass	
			6	20.84	-2.79	15.90	<=34.77	Pass	
			13	20.86	-2.79	15.92	<=34.77	Pass	
		25	0	20.99	-2.79	16.05	<=34.77	Pass	
	Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B12_10MHz_ERP

Band: 12 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	704	1	0	23.75	-2.79	18.81	<=34.77	Pass
			25	23.63	-2.79	18.69	<=34.77	Pass
			49	23.57	-2.79	18.63	<=34.77	Pass
		25	0	22.86	-2.79	17.92	<=34.77	Pass
			13	22.79	-2.79	17.85	<=34.77	Pass
			25	22.66	-2.79	17.72	<=34.77	Pass
		50	0	22.75	-2.79	17.81	<=34.77	Pass
	707.5	1	0	23.63	-2.79	18.69	<=34.77	Pass
			25	23.75	-2.79	18.81	<=34.77	Pass
			49	23.67	-2.79	18.73	<=34.77	Pass

		25	0	22.71	-2.79	17.77	<=34.77	Pass			
			13	22.85	-2.79	17.91	<=34.77	Pass			
			25	22.78	-2.79	17.84	<=34.77	Pass			
		711	50	0	23.04	-2.79	18.10	<=34.77	Pass		
				1	0	23.79	-2.79	18.85	<=34.77	Pass	
					25	23.79	-2.79	18.85	<=34.77	Pass	
			49		23.86	-2.79	18.92	<=34.77	Pass		
			25	0	22.81	-2.79	17.87	<=34.77	Pass		
				13	22.92	-2.79	17.98	<=34.77	Pass		
	25			22.90	-2.79	17.96	<=34.77	Pass			
	50			0	22.93	-2.79	17.99	<=34.77	Pass		
	16QAM	704	1	0	23.28	-2.79	18.34	<=34.77	Pass		
25				23.15	-2.79	18.21	<=34.77	Pass			
49				23.21	-2.79	18.27	<=34.77	Pass			
25			0	21.81	-2.79	16.87	<=34.77	Pass			
			13	21.83	-2.79	16.89	<=34.77	Pass			
			25	21.79	-2.79	16.85	<=34.77	Pass			
			50	0	21.93	-2.79	16.99	<=34.77	Pass		
			707.5	1	0	23.57	-2.79	18.63	<=34.77	Pass	
25					23.73	-2.79	18.79	<=34.77	Pass		
49		23.63			-2.79	18.69	<=34.77	Pass			
25		0		21.96	-2.79	17.02	<=34.77	Pass			
		13		21.96	-2.79	17.02	<=34.77	Pass			
		25		21.93	-2.79	16.99	<=34.77	Pass			
50		0	21.94	-2.79	17.00	<=34.77	Pass				
711		1	0	22.25	-2.79	17.31	<=34.77	Pass			
			25	22.38	-2.79	17.44	<=34.77	Pass			
			49	22.37	-2.79	17.43	<=34.77	Pass			
		25	0	22.01	-2.79	17.07	<=34.77	Pass			
			13	21.98	-2.79	17.04	<=34.77	Pass			
			25	21.99	-2.79	17.05	<=34.77	Pass			
			50	0	21.90	-2.79	16.96	<=34.77	Pass		
			64QAM	704	1	0	22.68	-2.79	17.74	<=34.77	Pass
						25	22.43	-2.79	17.49	<=34.77	Pass
49		22.51				-2.79	17.57	<=34.77	Pass		
25	0	21.05			-2.79	16.11	<=34.77	Pass			
	13	21.02			-2.79	16.08	<=34.77	Pass			
	25	20.99			-2.79	16.05	<=34.77	Pass			
	50	0			21.03	-2.79	16.09	<=34.77	Pass		
	707.5	1			0	21.90	-2.79	16.96	<=34.77	Pass	
25					22.02	-2.79	17.08	<=34.77	Pass		
49				21.95	-2.79	17.01	<=34.77	Pass			
25		0		21.02	-2.79	16.08	<=34.77	Pass			
		13		20.89	-2.79	15.95	<=34.77	Pass			
		25	21.04	-2.79	16.10	<=34.77	Pass				
50	0	20.92	-2.79	15.98	<=34.77	Pass					
711	1	0	21.48	-2.79	16.54	<=34.77	Pass				
		25	21.52	-2.79	16.58	<=34.77	Pass				
		49	21.56	-2.79	16.62	<=34.77	Pass				
	25	0	20.98	-2.79	16.04	<=34.77	Pass				
		13	21.13	-2.79	16.19	<=34.77	Pass				
		25	21.06	-2.79	16.12	<=34.77	Pass				
		50	0	21.12	-2.79	16.18	<=34.77	Pass			
	Note1: ERP=Conducted Power+Antenna Gain-2.15										

2. Frequency Stability

2.1 Test Result

2.1.1 B12_1.4MHz

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	3.6	4.865	0.0070	-2.5 to 2.5	Pass
					3.87	5.828	0.0083	-2.5 to 2.5	Pass
					4.45	-4.256	-0.0061	-2.5 to 2.5	Pass
				-30	3.87	-18.593	-0.0266	-2.5 to 2.5	Pass
				-20	3.87	-35.953	-0.0514	-2.5 to 2.5	Pass
				-10	3.87	2.120	0.0030	-2.5 to 2.5	Pass
				0	3.87	-12.951	-0.0185	-2.5 to 2.5	Pass
				10	3.87	-27.599	-0.0394	-2.5 to 2.5	Pass
				30	3.87	-43.008	-0.0615	-2.5 to 2.5	Pass
				40	3.87	-8.653	-0.0124	-2.5 to 2.5	Pass
				50	3.87	5.173	0.0074	-2.5 to 2.5	Pass
	707.5	6	0	20	3.6	29.936	0.0423	-2.5 to 2.5	Pass
					3.87	9.913	0.0140	-2.5 to 2.5	Pass
					4.45	-20.944	-0.0296	-2.5 to 2.5	Pass
				-30	3.87	-2.435	-0.0034	-2.5 to 2.5	Pass
				-20	3.87	-37.700	-0.0533	-2.5 to 2.5	Pass
				-10	3.87	-26.936	-0.0381	-2.5 to 2.5	Pass
				0	3.87	-14.614	-0.0207	-2.5 to 2.5	Pass
				10	3.87	-12.429	-0.0176	-2.5 to 2.5	Pass
				30	3.87	-4.126	-0.0058	-2.5 to 2.5	Pass
				40	3.87	-37.160	-0.0525	-2.5 to 2.5	Pass
				50	3.87	-30.832	-0.0436	-2.5 to 2.5	Pass
	715.3	6	0	20	3.6	21.644	0.0303	-2.5 to 2.5	Pass
					3.87	-0.069	-0.0001	-2.5 to 2.5	Pass
					4.45	-21.594	-0.0302	-2.5 to 2.5	Pass
				-30	3.87	-26.873	-0.0376	-2.5 to 2.5	Pass
				-20	3.87	-27.813	-0.0389	-2.5 to 2.5	Pass
				-10	3.87	-18.473	-0.0258	-2.5 to 2.5	Pass
				0	3.87	-13.079	-0.0183	-2.5 to 2.5	Pass
				10	3.87	-17.056	-0.0238	-2.5 to 2.5	Pass
				30	3.87	-12.682	-0.0177	-2.5 to 2.5	Pass
				40	3.87	-39.635	-0.0554	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.6	-42.898	-0.0613	-2.5 to 2.5	Pass
					3.87	-35.917	-0.0513	-2.5 to 2.5	Pass
					4.45	-37.298	-0.0533	-2.5 to 2.5	Pass
				-30	3.87	-41.468	-0.0593	-2.5 to 2.5	Pass
				-20	3.87	-39.416	-0.0563	-2.5 to 2.5	Pass
				-10	3.87	-43.184	-0.0617	-2.5 to 2.5	Pass
				0	3.87	-38.225	-0.0546	-2.5 to 2.5	Pass
				10	3.87	-28.664	-0.0410	-2.5 to 2.5	Pass
				30	3.87	-12.479	-0.0178	-2.5 to 2.5	Pass
				40	3.87	-39.517	-0.0565	-2.5 to 2.5	Pass
				50	3.87	-17.945	-0.0256	-2.5 to 2.5	Pass
	707.5	6	0	20	3.6	-23.710	-0.0335	-2.5 to 2.5	Pass
					3.87	2.150	0.0030	-2.5 to 2.5	Pass
					4.45	-23.579	-0.0333	-2.5 to 2.5	Pass
				-30	3.87	-9.526	-0.0135	-2.5 to 2.5	Pass
				-20	3.87	-30.916	-0.0437	-2.5 to 2.5	Pass

				-10	3.87	-14.210	-0.0201	-2.5 to 2.5	Pass
				0	3.87	-42.509	-0.0601	-2.5 to 2.5	Pass
				10	3.87	-17.970	-0.0254	-2.5 to 2.5	Pass
				30	3.87	-40.696	-0.0575	-2.5 to 2.5	Pass
				40	3.87	-11.686	-0.0165	-2.5 to 2.5	Pass
				50	3.87	-34.389	-0.0486	-2.5 to 2.5	Pass
	715.3	6	0	20	3.6	-42.057	-0.0588	-2.5 to 2.5	Pass
					3.87	-11.100	-0.0155	-2.5 to 2.5	Pass
					4.45	-28.906	-0.0404	-2.5 to 2.5	Pass
				-30	3.87	-41.576	-0.0581	-2.5 to 2.5	Pass
				-20	3.87	-40.903	-0.0572	-2.5 to 2.5	Pass
				-10	3.87	-42.223	-0.0590	-2.5 to 2.5	Pass
				0	3.87	-32.801	-0.0459	-2.5 to 2.5	Pass
				10	3.87	-26.822	-0.0375	-2.5 to 2.5	Pass
				30	3.87	-12.825	-0.0179	-2.5 to 2.5	Pass
				40	3.87	-36.373	-0.0508	-2.5 to 2.5	Pass
				50	3.87	-30.276	-0.0423	-2.5 to 2.5	Pass
64QAM	699.7	6	0	20	3.6	-40.734	-0.0582	-2.5 to 2.5	Pass
					3.87	-18.702	-0.0267	-2.5 to 2.5	Pass
					4.45	-33.611	-0.0480	-2.5 to 2.5	Pass
				-30	3.87	-38.207	-0.0546	-2.5 to 2.5	Pass
				-20	3.87	-37.867	-0.0541	-2.5 to 2.5	Pass
				-10	3.87	-46.304	-0.0662	-2.5 to 2.5	Pass
				0	3.87	-36.605	-0.0523	-2.5 to 2.5	Pass
				10	3.87	-36.387	-0.0520	-2.5 to 2.5	Pass
				30	3.87	-39.407	-0.0563	-2.5 to 2.5	Pass
				40	3.87	-38.299	-0.0547	-2.5 to 2.5	Pass
				50	3.87	-28.491	-0.0407	-2.5 to 2.5	Pass
	707.5	6	0	20	3.6	-13.884	-0.0196	-2.5 to 2.5	Pass
					3.87	-29.570	-0.0418	-2.5 to 2.5	Pass
					4.45	-44.420	-0.0628	-2.5 to 2.5	Pass
				-30	3.87	-6.008	-0.0085	-2.5 to 2.5	Pass
				-20	3.87	-20.523	-0.0290	-2.5 to 2.5	Pass
				-10	3.87	-34.009	-0.0481	-2.5 to 2.5	Pass
				0	3.87	-38.756	-0.0548	-2.5 to 2.5	Pass
				10	3.87	-12.051	-0.0170	-2.5 to 2.5	Pass
				30	3.87	-27.779	-0.0393	-2.5 to 2.5	Pass
				40	3.87	-44.571	-0.0630	-2.5 to 2.5	Pass
				50	3.87	-11.954	-0.0169	-2.5 to 2.5	Pass
	715.3	6	0	20	3.6	-37.135	-0.0519	-2.5 to 2.5	Pass
					3.87	-2.331	-0.0033	-2.5 to 2.5	Pass
					4.45	-13.756	-0.0192	-2.5 to 2.5	Pass
				-30	3.87	-26.329	-0.0368	-2.5 to 2.5	Pass
				-20	3.87	-29.853	-0.0417	-2.5 to 2.5	Pass
				-10	3.87	-22.520	-0.0315	-2.5 to 2.5	Pass
				0	3.87	-25.331	-0.0354	-2.5 to 2.5	Pass
				10	3.87	-25.040	-0.0350	-2.5 to 2.5	Pass
				30	3.87	-19.478	-0.0272	-2.5 to 2.5	Pass
				40	3.87	-22.131	-0.0309	-2.5 to 2.5	Pass
				50	3.87	-10.616	-0.0148	-2.5 to 2.5	Pass

2.1.2 B12_3MHz

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	3.6	9.459	0.0135	-2.5 to 2.5	Pass

					3.87	-14.611	-0.0209	-2.5 to 2.5	Pass
					4.45	-47.059	-0.0672	-2.5 to 2.5	Pass
				-30	3.87	-32.422	-0.0463	-2.5 to 2.5	Pass
				-20	3.87	-33.050	-0.0472	-2.5 to 2.5	Pass
				-10	3.87	-26.388	-0.0377	-2.5 to 2.5	Pass
				0	3.87	-18.839	-0.0269	-2.5 to 2.5	Pass
				10	3.87	-47.146	-0.0673	-2.5 to 2.5	Pass
				30	3.87	-0.785	-0.0011	-2.5 to 2.5	Pass
				40	3.87	-32.008	-0.0457	-2.5 to 2.5	Pass
				50	3.87	-21.969	-0.0314	-2.5 to 2.5	Pass
	707.5	15	0	20	3.6	12.900	0.0182	-2.5 to 2.5	Pass
					3.87	18.864	0.0267	-2.5 to 2.5	Pass
					4.45	21.273	0.0301	-2.5 to 2.5	Pass
				-30	3.87	19.979	0.0282	-2.5 to 2.5	Pass
				-20	3.87	21.612	0.0305	-2.5 to 2.5	Pass
				-10	3.87	22.382	0.0316	-2.5 to 2.5	Pass
				0	3.87	25.957	0.0367	-2.5 to 2.5	Pass
				10	3.87	26.817	0.0379	-2.5 to 2.5	Pass
				30	3.87	26.748	0.0378	-2.5 to 2.5	Pass
				40	3.87	27.451	0.0388	-2.5 to 2.5	Pass
				50	3.87	30.849	0.0436	-2.5 to 2.5	Pass
	714.5	15	0	20	3.6	10.422	0.0146	-2.5 to 2.5	Pass
					3.87	16.230	0.0227	-2.5 to 2.5	Pass
					4.45	10.447	0.0146	-2.5 to 2.5	Pass
				-30	3.87	6.425	0.0090	-2.5 to 2.5	Pass
				-20	3.87	1.790	0.0025	-2.5 to 2.5	Pass
				-10	3.87	-3.494	-0.0049	-2.5 to 2.5	Pass
				0	3.87	-8.991	-0.0126	-2.5 to 2.5	Pass
				10	3.87	-18.462	-0.0258	-2.5 to 2.5	Pass
				30	3.87	-22.969	-0.0321	-2.5 to 2.5	Pass
				40	3.87	-25.349	-0.0355	-2.5 to 2.5	Pass
				50	3.87	-36.538	-0.0511	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.6	-22.271	-0.0318	-2.5 to 2.5	Pass
					3.87	-48.105	-0.0687	-2.5 to 2.5	Pass
					4.45	-27.345	-0.0390	-2.5 to 2.5	Pass
				-30	3.87	-7.574	-0.0108	-2.5 to 2.5	Pass
				-20	3.87	-24.223	-0.0346	-2.5 to 2.5	Pass
				-10	3.87	-42.768	-0.0611	-2.5 to 2.5	Pass
				0	3.87	-10.077	-0.0144	-2.5 to 2.5	Pass
				10	3.87	-33.804	-0.0483	-2.5 to 2.5	Pass
				30	3.87	-11.586	-0.0165	-2.5 to 2.5	Pass
				40	3.87	-41.704	-0.0595	-2.5 to 2.5	Pass
				50	3.87	-13.333	-0.0190	-2.5 to 2.5	Pass
	707.5	15	0	20	3.6	33.179	0.0469	-2.5 to 2.5	Pass
					3.87	41.108	0.0581	-2.5 to 2.5	Pass
					4.45	-0.742	-0.0010	-2.5 to 2.5	Pass
				-30	3.87	6.057	0.0086	-2.5 to 2.5	Pass
				-20	3.87	13.730	0.0194	-2.5 to 2.5	Pass
				-10	3.87	21.127	0.0299	-2.5 to 2.5	Pass
				0	3.87	29.263	0.0414	-2.5 to 2.5	Pass
				10	3.87	39.660	0.0561	-2.5 to 2.5	Pass
				30	3.87	44.155	0.0624	-2.5 to 2.5	Pass
				40	3.87	1.312	0.0019	-2.5 to 2.5	Pass
				50	3.87	9.226	0.0130	-2.5 to 2.5	Pass
	714.5	15	0	20	3.6	-44.159	-0.0618	-2.5 to 2.5	Pass
					3.87	-38.642	-0.0541	-2.5 to 2.5	Pass
					4.45	-41.361	-0.0579	-2.5 to 2.5	Pass
				-30	3.87	-38.116	-0.0533	-2.5 to 2.5	Pass
				-20	3.87	-40.222	-0.0563	-2.5 to 2.5	Pass

				-10	3.87	-42.559	-0.0596	-2.5 to 2.5	Pass
				0	3.87	-31.479	-0.0441	-2.5 to 2.5	Pass
				10	3.87	2.251	0.0032	-2.5 to 2.5	Pass
				30	3.87	1.816	0.0025	-2.5 to 2.5	Pass
				40	3.87	3.273	0.0046	-2.5 to 2.5	Pass
				50	3.87	4.255	0.0060	-2.5 to 2.5	Pass
64QAM	700.5	15	0	20	3.6	-39.907	-0.0570	-2.5 to 2.5	Pass
					3.87	7.210	0.0103	-2.5 to 2.5	Pass
					4.45	-2.848	-0.0041	-2.5 to 2.5	Pass
				-30	3.87	-4.710	-0.0067	-2.5 to 2.5	Pass
				-20	3.87	-6.242	-0.0089	-2.5 to 2.5	Pass
				-10	3.87	-7.089	-0.0101	-2.5 to 2.5	Pass
				0	3.87	-5.665	-0.0081	-2.5 to 2.5	Pass
				10	3.87	-0.640	-0.0009	-2.5 to 2.5	Pass
				30	3.87	4.052	0.0058	-2.5 to 2.5	Pass
				40	3.87	11.554	0.0165	-2.5 to 2.5	Pass
				50	3.87	16.678	0.0238	-2.5 to 2.5	Pass
				707.5	15	0	20	3.6	12.143
	3.87	20.236	0.0286					-2.5 to 2.5	Pass
	4.45	28.918	0.0409					-2.5 to 2.5	Pass
	-30	3.87	30.915				0.0437	-2.5 to 2.5	Pass
	-20	3.87	35.662				0.0504	-2.5 to 2.5	Pass
	-10	3.87	42.846				0.0606	-2.5 to 2.5	Pass
	0	3.87	6.320				0.0089	-2.5 to 2.5	Pass
	10	3.87	15.080				0.0213	-2.5 to 2.5	Pass
	30	3.87	21.209				0.0300	-2.5 to 2.5	Pass
	40	3.87	29.424				0.0416	-2.5 to 2.5	Pass
	50	3.87	34.334				0.0485	-2.5 to 2.5	Pass
	714.5	15	0				20	3.6	3.498
				3.87	5.920	0.0083		-2.5 to 2.5	Pass
				4.45	11.196	0.0157		-2.5 to 2.5	Pass
				-30	3.87	18.260	0.0256	-2.5 to 2.5	Pass
				-20	3.87	26.233	0.0367	-2.5 to 2.5	Pass
				-10	3.87	34.214	0.0479	-2.5 to 2.5	Pass
				0	3.87	38.162	0.0534	-2.5 to 2.5	Pass
				10	3.87	41.235	0.0577	-2.5 to 2.5	Pass
				30	3.87	42.763	0.0599	-2.5 to 2.5	Pass
				40	3.87	43.891	0.0614	-2.5 to 2.5	Pass
				50	3.87	43.604	0.0610	-2.5 to 2.5	Pass

2.1.3 B12_5MHz

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	3.6	38.199	0.0545	-2.5 to 2.5	Pass
					3.87	50.715	0.0723	-2.5 to 2.5	Pass
					4.45	47.754	0.0681	-2.5 to 2.5	Pass
				-30	3.87	-2.786	-0.0040	-2.5 to 2.5	Pass
				-20	3.87	-7.856	-0.0112	-2.5 to 2.5	Pass
				-10	3.87	-16.750	-0.0239	-2.5 to 2.5	Pass
				0	3.87	-26.498	-0.0378	-2.5 to 2.5	Pass
				10	3.87	-34.084	-0.0486	-2.5 to 2.5	Pass
				30	3.87	-43.279	-0.0617	-2.5 to 2.5	Pass
				40	3.87	-9.427	-0.0134	-2.5 to 2.5	Pass
				50	3.87	-18.760	-0.0267	-2.5 to 2.5	Pass
	707.5	25	0	20	3.6	6.321	0.0089	-2.5 to 2.5	Pass

					3.87	9.059	0.0128	-2.5 to 2.5	Pass
					4.45	3.938	0.0056	-2.5 to 2.5	Pass
				-30	3.87	-1.713	-0.0024	-2.5 to 2.5	Pass
				-20	3.87	-4.928	-0.0070	-2.5 to 2.5	Pass
				-10	3.87	-11.396	-0.0161	-2.5 to 2.5	Pass
				0	3.87	-13.984	-0.0198	-2.5 to 2.5	Pass
				10	3.87	-13.482	-0.0191	-2.5 to 2.5	Pass
				30	3.87	-33.205	-0.0469	-2.5 to 2.5	Pass
				40	3.87	-44.629	-0.0631	-2.5 to 2.5	Pass
				50	3.87	-12.981	-0.0183	-2.5 to 2.5	Pass
	713.5	25	0	20	3.6	12.936	0.0181	-2.5 to 2.5	Pass
					3.87	16.630	0.0233	-2.5 to 2.5	Pass
					4.45	8.501	0.0119	-2.5 to 2.5	Pass
				-30	3.87	-2.453	-0.0034	-2.5 to 2.5	Pass
				-20	3.87	-14.086	-0.0197	-2.5 to 2.5	Pass
				-10	3.87	-23.748	-0.0333	-2.5 to 2.5	Pass
				0	3.87	-31.877	-0.0447	-2.5 to 2.5	Pass
				10	3.87	-40.277	-0.0564	-2.5 to 2.5	Pass
				30	3.87	-42.667	-0.0598	-2.5 to 2.5	Pass
				40	3.87	-8.805	-0.0123	-2.5 to 2.5	Pass
				50	3.87	-14.210	-0.0199	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.6	-32.821	-0.0468	-2.5 to 2.5	Pass
					3.87	-39.678	-0.0566	-2.5 to 2.5	Pass
					4.45	-41.955	-0.0598	-2.5 to 2.5	Pass
				-30	3.87	-42.972	-0.0613	-2.5 to 2.5	Pass
				-20	3.87	-40.363	-0.0575	-2.5 to 2.5	Pass
				-10	3.87	-40.840	-0.0582	-2.5 to 2.5	Pass
				0	3.87	-42.409	-0.0605	-2.5 to 2.5	Pass
				10	3.87	-47.063	-0.0671	-2.5 to 2.5	Pass
				30	3.87	-1.708	-0.0024	-2.5 to 2.5	Pass
				40	3.87	-6.329	-0.0090	-2.5 to 2.5	Pass
				50	3.87	-6.484	-0.0092	-2.5 to 2.5	Pass
	707.5	25	0	20	3.6	-32.238	-0.0456	-2.5 to 2.5	Pass
					3.87	-44.736	-0.0632	-2.5 to 2.5	Pass
					4.45	-2.883	-0.0041	-2.5 to 2.5	Pass
				-30	3.87	-14.672	-0.0207	-2.5 to 2.5	Pass
				-20	3.87	-17.597	-0.0249	-2.5 to 2.5	Pass
				-10	3.87	-26.283	-0.0371	-2.5 to 2.5	Pass
				0	3.87	-31.163	-0.0440	-2.5 to 2.5	Pass
				10	3.87	-38.795	-0.0548	-2.5 to 2.5	Pass
				30	3.87	-44.731	-0.0632	-2.5 to 2.5	Pass
				40	3.87	-0.378	-0.0005	-2.5 to 2.5	Pass
				50	3.87	-4.125	-0.0058	-2.5 to 2.5	Pass
	713.5	25	0	20	3.6	-21.560	-0.0302	-2.5 to 2.5	Pass
					3.87	-25.263	-0.0354	-2.5 to 2.5	Pass
					4.45	-26.689	-0.0374	-2.5 to 2.5	Pass
				-30	3.87	-25.103	-0.0352	-2.5 to 2.5	Pass
				-20	3.87	-25.390	-0.0356	-2.5 to 2.5	Pass
				-10	3.87	-23.865	-0.0334	-2.5 to 2.5	Pass
				0	3.87	-22.566	-0.0316	-2.5 to 2.5	Pass
				10	3.87	-25.426	-0.0356	-2.5 to 2.5	Pass
				30	3.87	-28.993	-0.0406	-2.5 to 2.5	Pass
				40	3.87	-32.358	-0.0454	-2.5 to 2.5	Pass
				50	3.87	-33.404	-0.0468	-2.5 to 2.5	Pass
64QAM	701.5	25	0	20	3.6	-10.302	-0.0147	-2.5 to 2.5	Pass
					3.87	-7.393	-0.0105	-2.5 to 2.5	Pass
					4.45	-6.377	-0.0091	-2.5 to 2.5	Pass
				-30	3.87	-2.903	-0.0041	-2.5 to 2.5	Pass
				-20	3.87	2.461	0.0035	-2.5 to 2.5	Pass

				-10	3.87	5.892	0.0084	-2.5 to 2.5	Pass
				0	3.87	12.751	0.0182	-2.5 to 2.5	Pass
				10	3.87	16.377	0.0233	-2.5 to 2.5	Pass
				30	3.87	15.732	0.0224	-2.5 to 2.5	Pass
				40	3.87	17.198	0.0245	-2.5 to 2.5	Pass
				50	3.87	14.874	0.0212	-2.5 to 2.5	Pass
	707.5	25	0	20	3.6	-5.413	-0.0077	-2.5 to 2.5	Pass
					3.87	-4.258	-0.0060	-2.5 to 2.5	Pass
					4.45	-0.691	-0.0010	-2.5 to 2.5	Pass
				-30	3.87	4.490	0.0063	-2.5 to 2.5	Pass
				-20	3.87	9.181	0.0130	-2.5 to 2.5	Pass
				-10	3.87	6.981	0.0099	-2.5 to 2.5	Pass
				0	3.87	8.825	0.0125	-2.5 to 2.5	Pass
				10	3.87	13.160	0.0186	-2.5 to 2.5	Pass
				30	3.87	18.844	0.0266	-2.5 to 2.5	Pass
				40	3.87	21.251	0.0300	-2.5 to 2.5	Pass
				50	3.87	23.488	0.0332	-2.5 to 2.5	Pass
	713.5	25	0	20	3.6	-35.498	-0.0498	-2.5 to 2.5	Pass
					3.87	-33.443	-0.0469	-2.5 to 2.5	Pass
					4.45	-30.177	-0.0423	-2.5 to 2.5	Pass
				-30	3.87	-27.977	-0.0392	-2.5 to 2.5	Pass
				-20	3.87	-22.817	-0.0320	-2.5 to 2.5	Pass
				-10	3.87	-18.535	-0.0260	-2.5 to 2.5	Pass
				0	3.87	-14.407	-0.0202	-2.5 to 2.5	Pass
				10	3.87	-7.686	-0.0108	-2.5 to 2.5	Pass
				30	3.87	0.505	0.0007	-2.5 to 2.5	Pass
				40	3.87	2.675	0.0037	-2.5 to 2.5	Pass
				50	3.87	10.001	0.0140	-2.5 to 2.5	Pass

2.1.4 B12_10MHz

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	3.6	4.594	0.0065	-2.5 to 2.5	Pass
					3.87	13.859	0.0197	-2.5 to 2.5	Pass
					4.45	14.350	0.0204	-2.5 to 2.5	Pass
				-30	3.87	13.234	0.0188	-2.5 to 2.5	Pass
				-20	3.87	11.583	0.0165	-2.5 to 2.5	Pass
				-10	3.87	7.847	0.0111	-2.5 to 2.5	Pass
				0	3.87	0.899	0.0013	-2.5 to 2.5	Pass
				10	3.87	-7.346	-0.0104	-2.5 to 2.5	Pass
				30	3.87	-14.349	-0.0204	-2.5 to 2.5	Pass
				40	3.87	-16.566	-0.0235	-2.5 to 2.5	Pass
				50	3.87	-25.421	-0.0361	-2.5 to 2.5	Pass
	707.5	50	0	20	3.6	12.768	0.0180	-2.5 to 2.5	Pass
					3.87	18.548	0.0262	-2.5 to 2.5	Pass
					4.45	14.633	0.0207	-2.5 to 2.5	Pass
				-30	3.87	6.681	0.0094	-2.5 to 2.5	Pass
				-20	3.87	-2.896	-0.0041	-2.5 to 2.5	Pass
				-10	3.87	-13.386	-0.0189	-2.5 to 2.5	Pass
				0	3.87	-21.637	-0.0306	-2.5 to 2.5	Pass
				10	3.87	-27.802	-0.0393	-2.5 to 2.5	Pass
				30	3.87	-35.162	-0.0497	-2.5 to 2.5	Pass
				40	3.87	-43.946	-0.0621	-2.5 to 2.5	Pass
				50	3.87	-3.465	-0.0049	-2.5 to 2.5	Pass
	711	50	0	20	3.6	11.839	0.0167	-2.5 to 2.5	Pass

					3.87	19.980	0.0281	-2.5 to 2.5	Pass
					4.45	20.145	0.0283	-2.5 to 2.5	Pass
				-30	3.87	16.370	0.0230	-2.5 to 2.5	Pass
				-20	3.87	11.568	0.0163	-2.5 to 2.5	Pass
				-10	3.87	7.826	0.0110	-2.5 to 2.5	Pass
				0	3.87	2.616	0.0037	-2.5 to 2.5	Pass
				10	3.87	-3.464	-0.0049	-2.5 to 2.5	Pass
				30	3.87	-5.565	-0.0078	-2.5 to 2.5	Pass
				40	3.87	-14.223	-0.0200	-2.5 to 2.5	Pass
16QAM	704	50	0	20	3.6	-34.956	-0.0497	-2.5 to 2.5	Pass
					3.87	-40.085	-0.0569	-2.5 to 2.5	Pass
					4.45	-45.476	-0.0646	-2.5 to 2.5	Pass
				-30	3.87	-47.145	-0.0670	-2.5 to 2.5	Pass
				-20	3.87	9.671	0.0137	-2.5 to 2.5	Pass
				-10	3.87	12.734	0.0181	-2.5 to 2.5	Pass
				0	3.87	9.529	0.0135	-2.5 to 2.5	Pass
				10	3.87	8.904	0.0126	-2.5 to 2.5	Pass
				30	3.87	11.146	0.0158	-2.5 to 2.5	Pass
				40	3.87	8.187	0.0116	-2.5 to 2.5	Pass
				50	3.87	9.824	0.0140	-2.5 to 2.5	Pass
	707.5	50	0	20	3.6	-13.338	-0.0189	-2.5 to 2.5	Pass
					3.87	-21.270	-0.0301	-2.5 to 2.5	Pass
					4.45	-23.516	-0.0332	-2.5 to 2.5	Pass
				-30	3.87	-30.931	-0.0437	-2.5 to 2.5	Pass
				-20	3.87	-33.406	-0.0472	-2.5 to 2.5	Pass
				-10	3.87	-33.638	-0.0475	-2.5 to 2.5	Pass
				0	3.87	-30.749	-0.0435	-2.5 to 2.5	Pass
				10	3.87	-27.479	-0.0388	-2.5 to 2.5	Pass
				30	3.87	-27.277	-0.0386	-2.5 to 2.5	Pass
				40	3.87	-24.940	-0.0353	-2.5 to 2.5	Pass
				50	3.87	-23.648	-0.0334	-2.5 to 2.5	Pass
	711	50	0	20	3.6	-22.445	-0.0316	-2.5 to 2.5	Pass
					3.87	-24.108	-0.0339	-2.5 to 2.5	Pass
					4.45	-23.868	-0.0336	-2.5 to 2.5	Pass
				-30	3.87	-21.770	-0.0306	-2.5 to 2.5	Pass
				-20	3.87	-21.448	-0.0302	-2.5 to 2.5	Pass
				-10	3.87	-17.544	-0.0247	-2.5 to 2.5	Pass
				0	3.87	-17.601	-0.0248	-2.5 to 2.5	Pass
				10	3.87	-14.854	-0.0209	-2.5 to 2.5	Pass
				30	3.87	-11.713	-0.0165	-2.5 to 2.5	Pass
				40	3.87	-7.428	-0.0104	-2.5 to 2.5	Pass
				50	3.87	-10.019	-0.0141	-2.5 to 2.5	Pass
64QAM	704	50	0	20	3.6	12.965	0.0184	-2.5 to 2.5	Pass
					3.87	6.298	0.0089	-2.5 to 2.5	Pass
					4.45	8.115	0.0115	-2.5 to 2.5	Pass
				-30	3.87	9.934	0.0141	-2.5 to 2.5	Pass
				-20	3.87	13.678	0.0194	-2.5 to 2.5	Pass
				-10	3.87	18.383	0.0261	-2.5 to 2.5	Pass
				0	3.87	23.148	0.0329	-2.5 to 2.5	Pass
				10	3.87	24.052	0.0342	-2.5 to 2.5	Pass
				30	3.87	23.080	0.0328	-2.5 to 2.5	Pass
				40	3.87	23.208	0.0330	-2.5 to 2.5	Pass
				50	3.87	26.297	0.0374	-2.5 to 2.5	Pass
	707.5	50	0	20	3.6	-18.758	-0.0265	-2.5 to 2.5	Pass
					3.87	-11.303	-0.0160	-2.5 to 2.5	Pass
					4.45	-7.079	-0.0100	-2.5 to 2.5	Pass
				-30	3.87	-3.530	-0.0050	-2.5 to 2.5	Pass
				-20	3.87	2.656	0.0038	-2.5 to 2.5	Pass

				-10	3.87	10.020	0.0142	-2.5 to 2.5	Pass
				0	3.87	16.562	0.0234	-2.5 to 2.5	Pass
				10	3.87	21.414	0.0303	-2.5 to 2.5	Pass
				30	3.87	23.818	0.0337	-2.5 to 2.5	Pass
				40	3.87	28.011	0.0396	-2.5 to 2.5	Pass
				50	3.87	36.535	0.0516	-2.5 to 2.5	Pass
	711	50	0	20	3.6	-10.422	-0.0147	-2.5 to 2.5	Pass
					3.87	-5.299	-0.0075	-2.5 to 2.5	Pass
					4.45	-1.972	-0.0028	-2.5 to 2.5	Pass
				-30	3.87	1.898	0.0027	-2.5 to 2.5	Pass
				-20	3.87	10.367	0.0146	-2.5 to 2.5	Pass
				-10	3.87	13.960	0.0196	-2.5 to 2.5	Pass
				0	3.87	20.349	0.0286	-2.5 to 2.5	Pass
				10	3.87	25.140	0.0354	-2.5 to 2.5	Pass
				30	3.87	29.180	0.0410	-2.5 to 2.5	Pass
				40	3.87	31.262	0.0440	-2.5 to 2.5	Pass
				50	3.87	31.266	0.0440	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band12_OBW

Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.110	/	Pass
		707.5	6	0	1.112	/	Pass
		715.3	6	0	1.118	/	Pass
	16QAM	699.7	6	0	1.109	/	Pass
		707.5	6	0	1.119	/	Pass
		715.3	6	0	1.104	/	Pass
	64QAM	699.7	6	0	1.110	/	Pass
		707.5	6	0	1.114	/	Pass
		715.3	6	0	1.105	/	Pass
3	QPSK	700.5	15	0	2.753	/	Pass
		707.5	15	0	2.752	/	Pass
		714.5	15	0	2.758	/	Pass
	16QAM	700.5	15	0	2.763	/	Pass
		707.5	15	0	2.741	/	Pass
		714.5	15	0	2.747	/	Pass
	64QAM	700.5	15	0	2.767	/	Pass
		707.5	15	0	2.744	/	Pass
		714.5	15	0	2.750	/	Pass
5	QPSK	701.5	25	0	4.564	/	Pass
		707.5	25	0	4.551	/	Pass
		713.5	25	0	4.551	/	Pass
	16QAM	701.5	25	0	4.547	/	Pass
		707.5	25	0	4.575	/	Pass
		713.5	25	0	4.581	/	Pass
	64QAM	701.5	25	0	4.553	/	Pass
		707.5	25	0	4.544	/	Pass
		713.5	25	0	4.552	/	Pass
10	QPSK	704	50	0	9.058	/	Pass
		707.5	50	0	9.036	/	Pass
		711	50	0	9.081	/	Pass

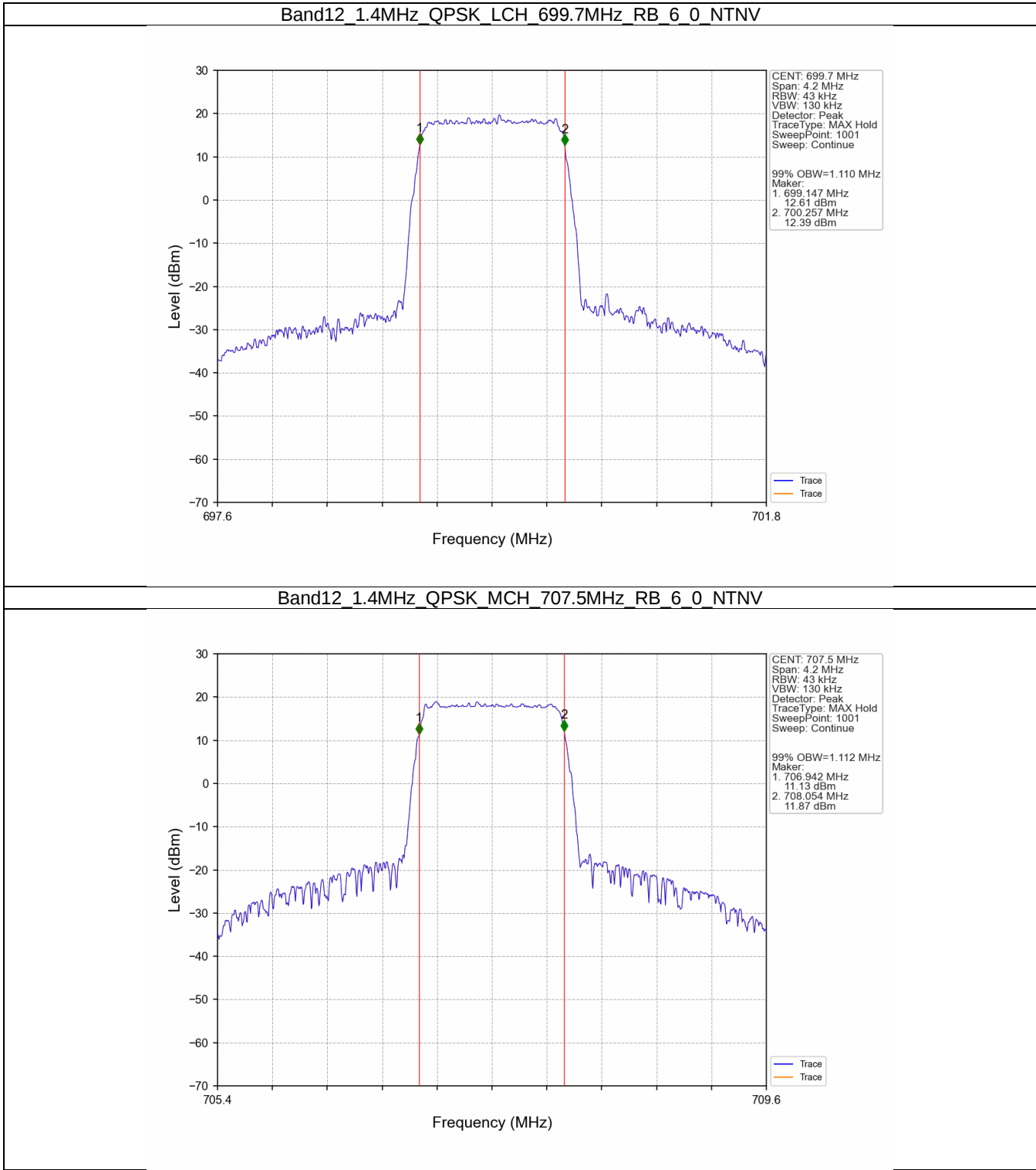
	16QAM	704	50	0	9.050	/	Pass
		707.5	50	0	9.058	/	Pass
		711	50	0	9.077	/	Pass
	64QAM	704	50	0	9.038	/	Pass
		707.5	50	0	9.037	/	Pass
		711	50	0	9.093	/	Pass

3.1.2 Band12_XDB

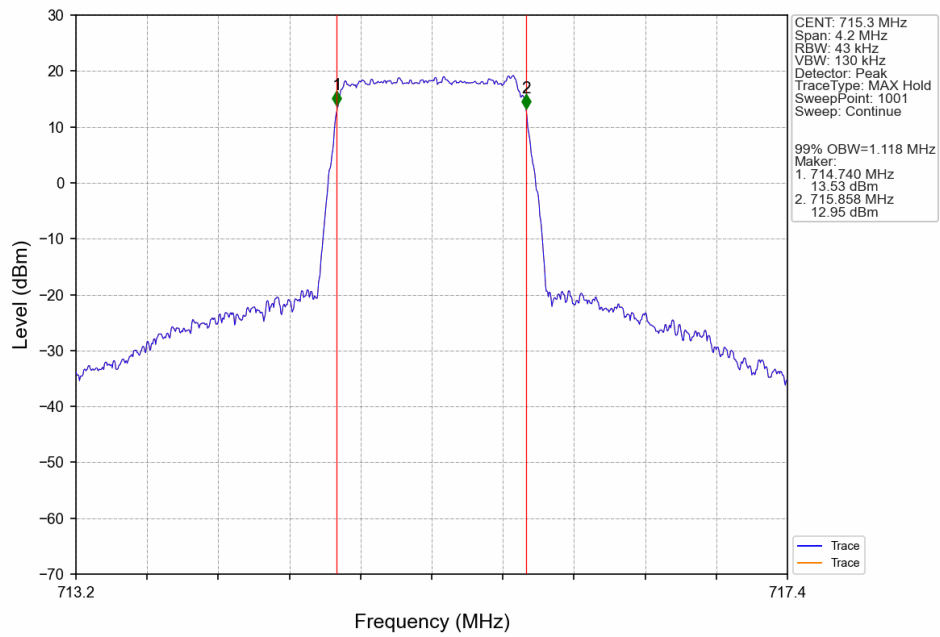
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.268	/	Pass
		707.5	6	0	1.271	/	Pass
		715.3	6	0	1.276	/	Pass
	16QAM	699.7	6	0	1.270	/	Pass
		707.5	6	0	1.265	/	Pass
		715.3	6	0	1.254	/	Pass
	64QAM	699.7	6	0	1.268	/	Pass
		707.5	6	0	1.270	/	Pass
		715.3	6	0	1.266	/	Pass
3	QPSK	700.5	15	0	3.104	/	Pass
		707.5	15	0	3.077	/	Pass
		714.5	15	0	3.096	/	Pass
	16QAM	700.5	15	0	3.097	/	Pass
		707.5	15	0	3.095	/	Pass
		714.5	15	0	3.089	/	Pass
	64QAM	700.5	15	0	3.096	/	Pass
		707.5	15	0	3.112	/	Pass
		714.5	15	0	3.097	/	Pass
5	QPSK	701.5	25	0	5.037	/	Pass
		707.5	25	0	5.054	/	Pass
		713.5	25	0	5.055	/	Pass
	16QAM	701.5	25	0	5.028	/	Pass
		707.5	25	0	5.047	/	Pass
		713.5	25	0	5.078	/	Pass
	64QAM	701.5	25	0	5.061	/	Pass
		707.5	25	0	5.060	/	Pass
		713.5	25	0	5.077	/	Pass
10	QPSK	704	50	0	10.031	/	Pass
		707.5	50	0	10.084	/	Pass
		711	50	0	10.048	/	Pass
	16QAM	704	50	0	10.002	/	Pass
		707.5	50	0	10.019	/	Pass
		711	50	0	10.075	/	Pass
	64QAM	704	50	0	10.057	/	Pass
		707.5	50	0	9.986	/	Pass
		711	50	0	10.116	/	Pass

3.2 Test Graph

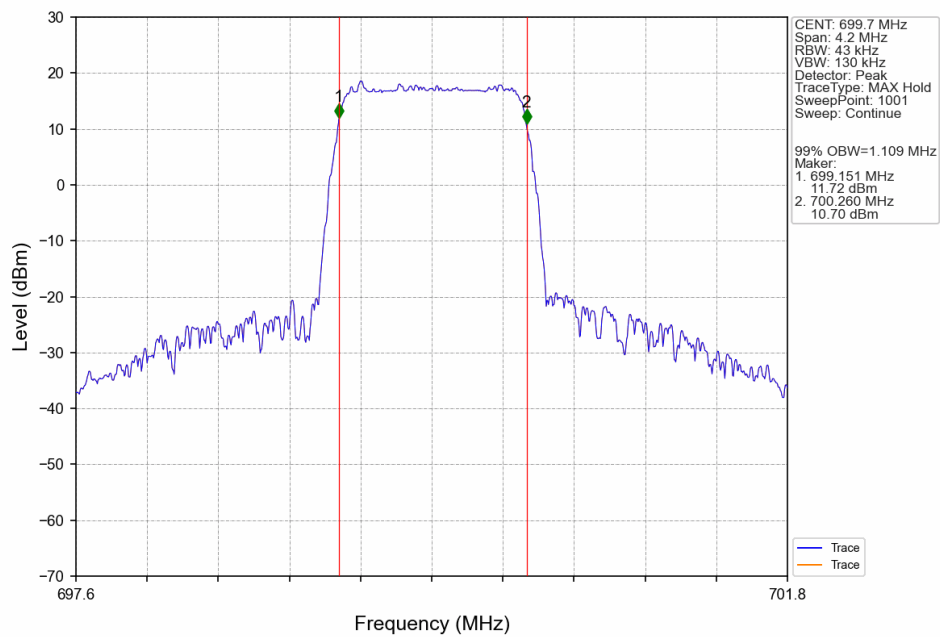
3.2.1 Band12_OBW



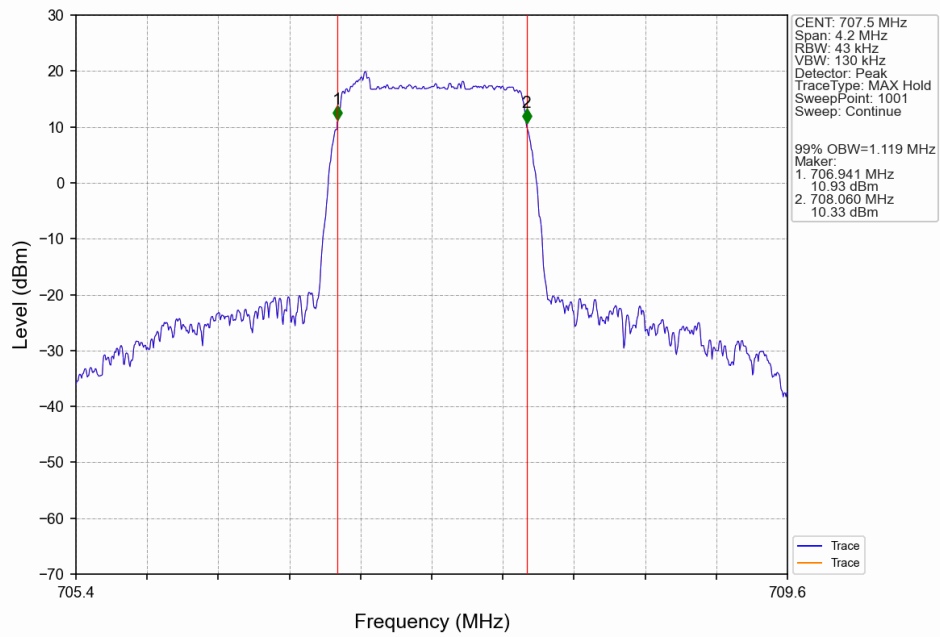
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



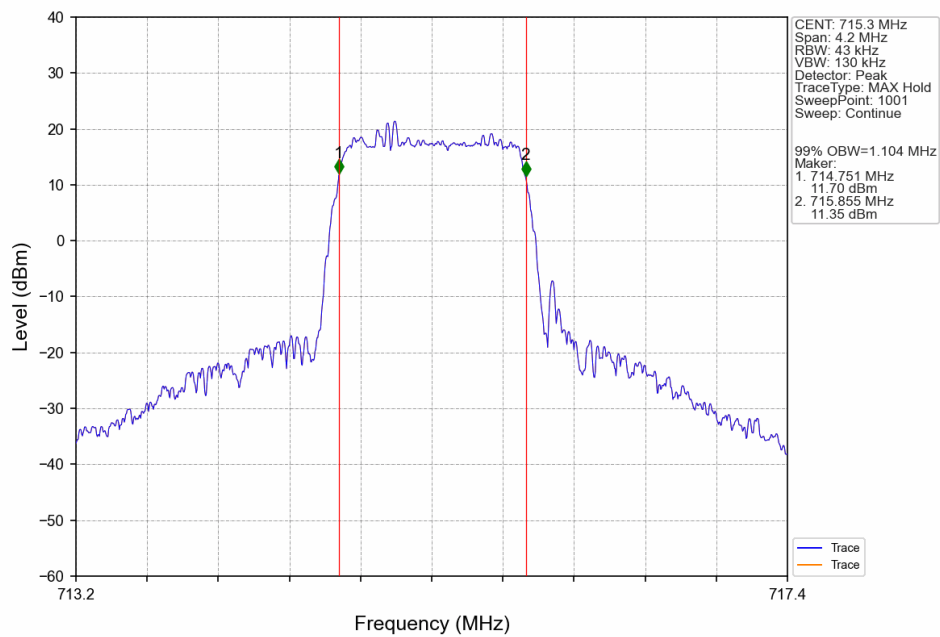
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



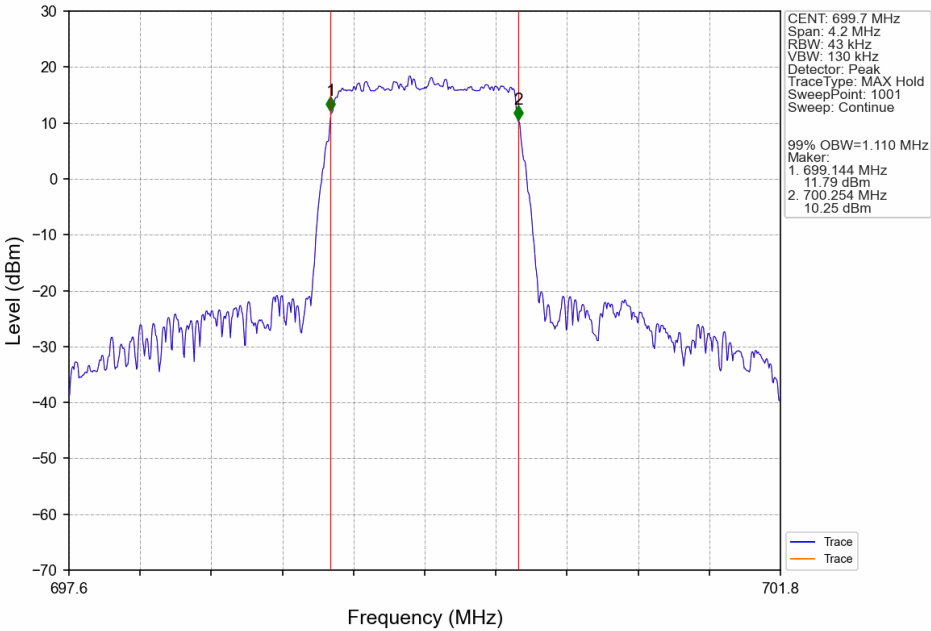
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV



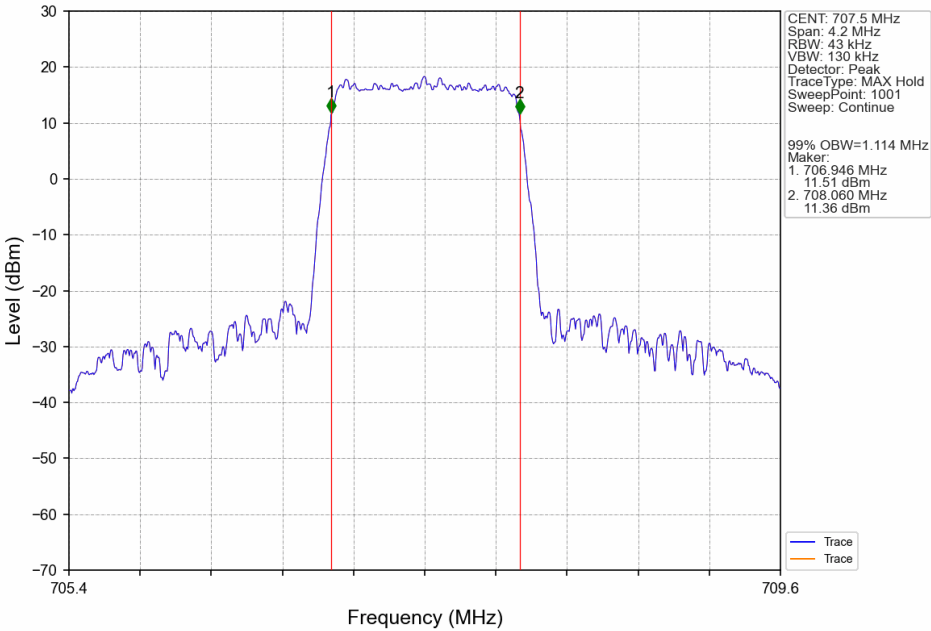
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



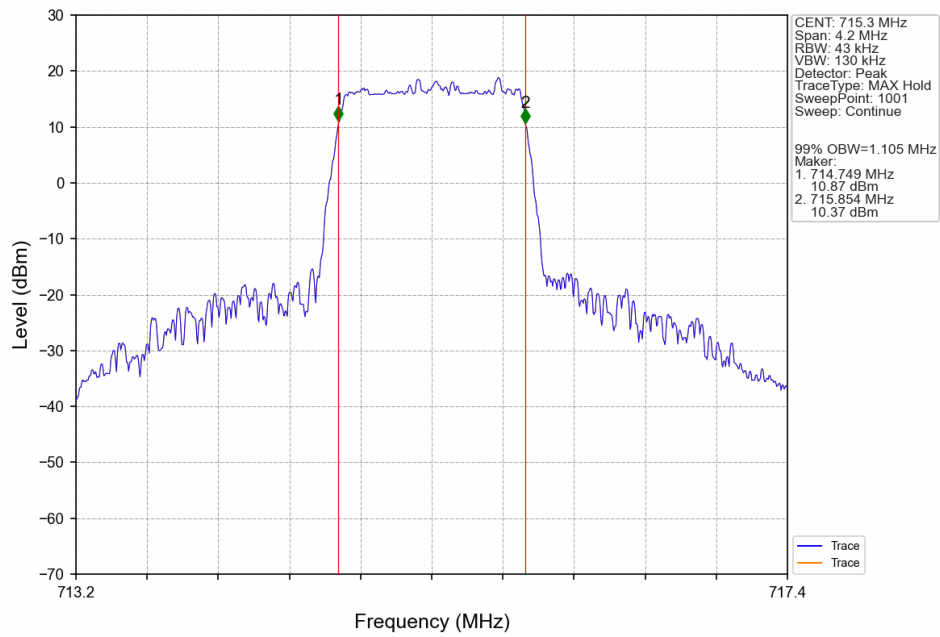
Band12 1.4MHz 64QAM LCH 699.7MHz RB 6 0 NTNV



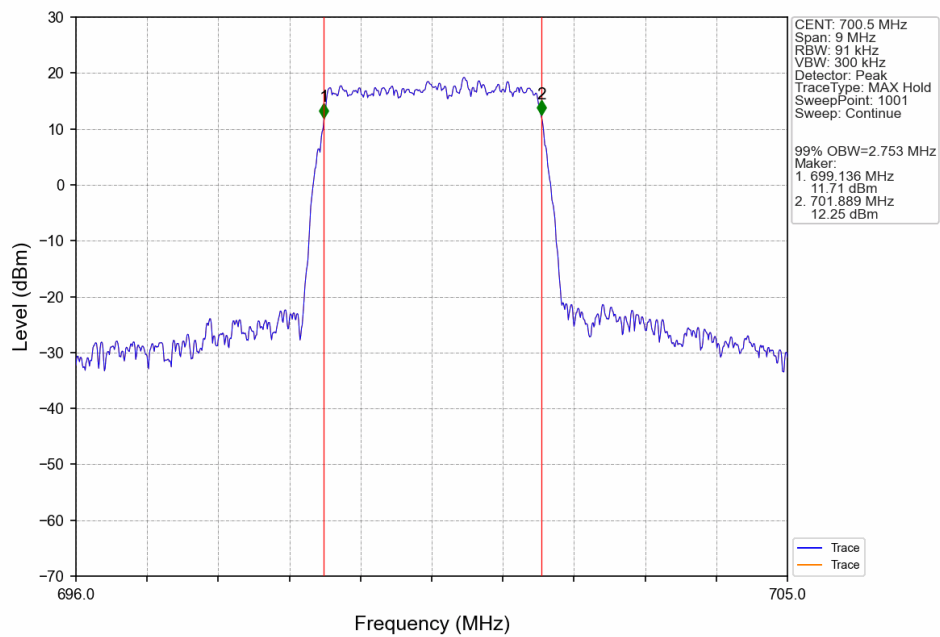
Band12 1.4MHz 64QAM MCH 707.5MHz RB 6 0 NTNV



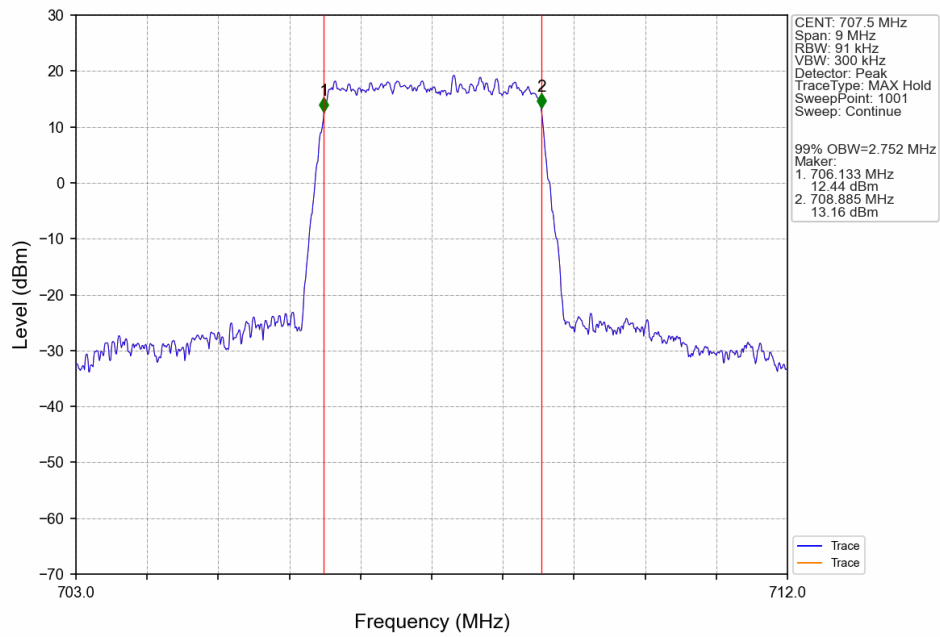
Band12 1.4MHz 64QAM HCH 715.3MHz RB 6 0 NTNV



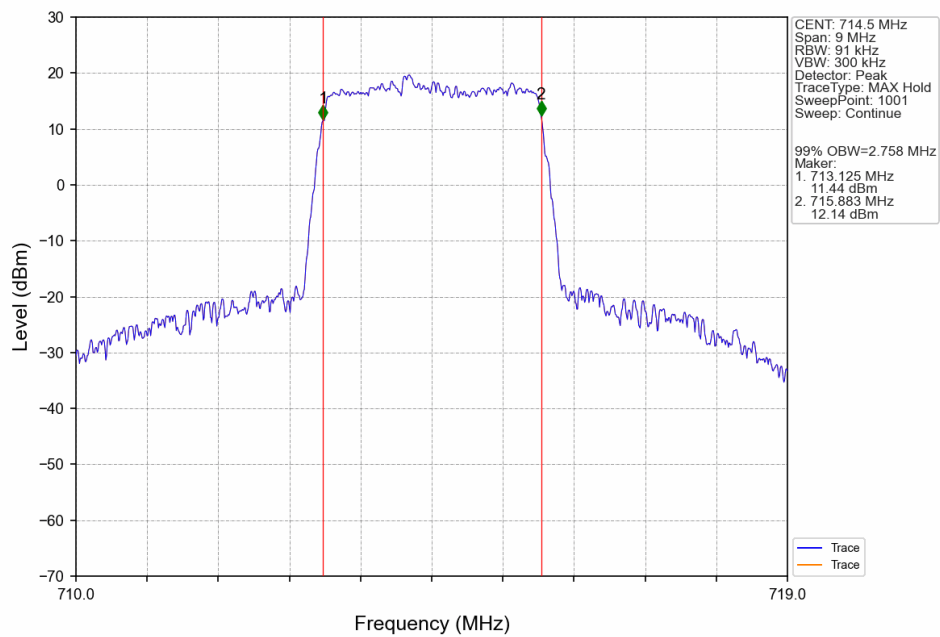
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



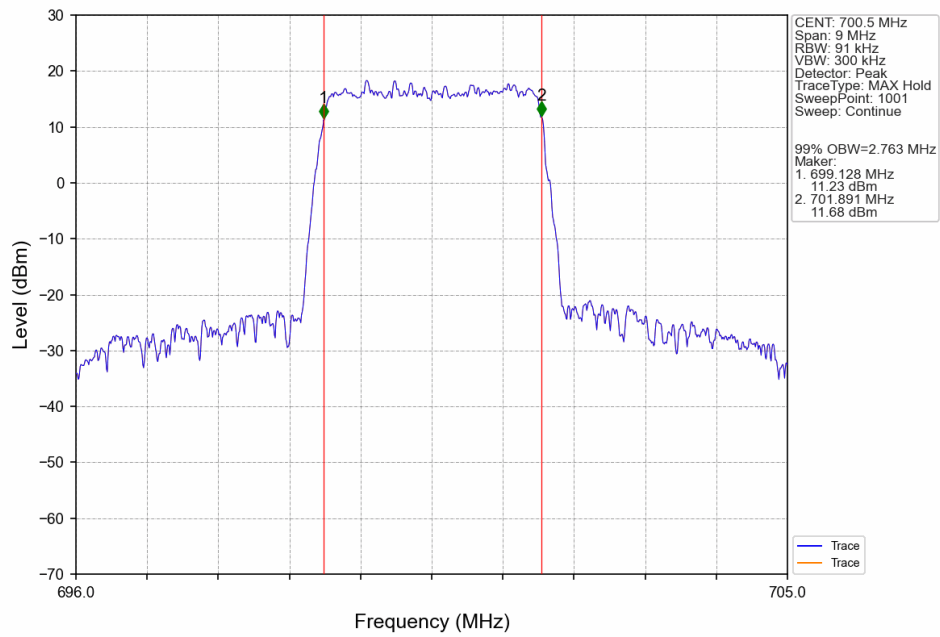
Band12 3MHz QPSK MCH 707.5MHz RB 15 0 NTNV



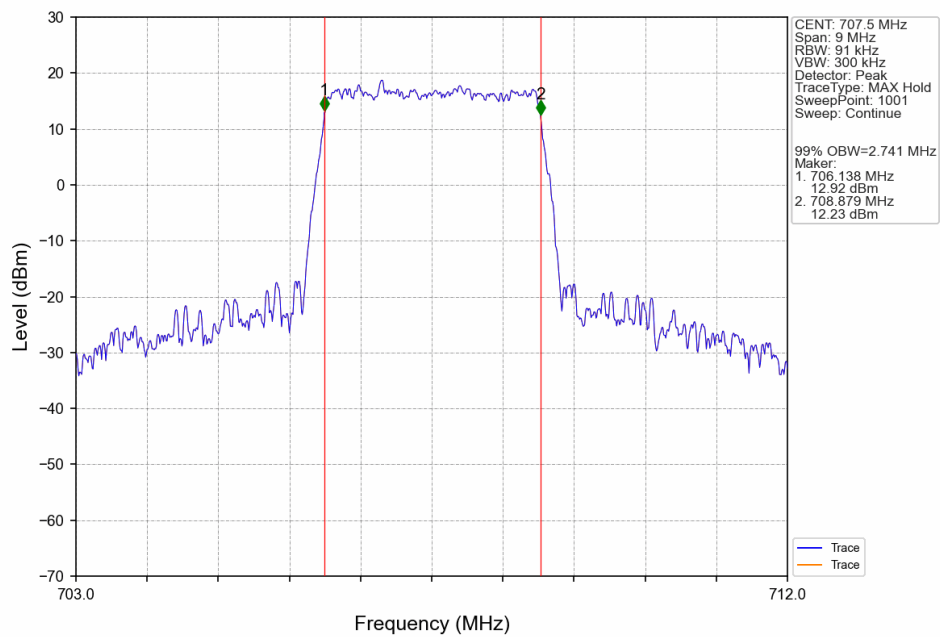
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



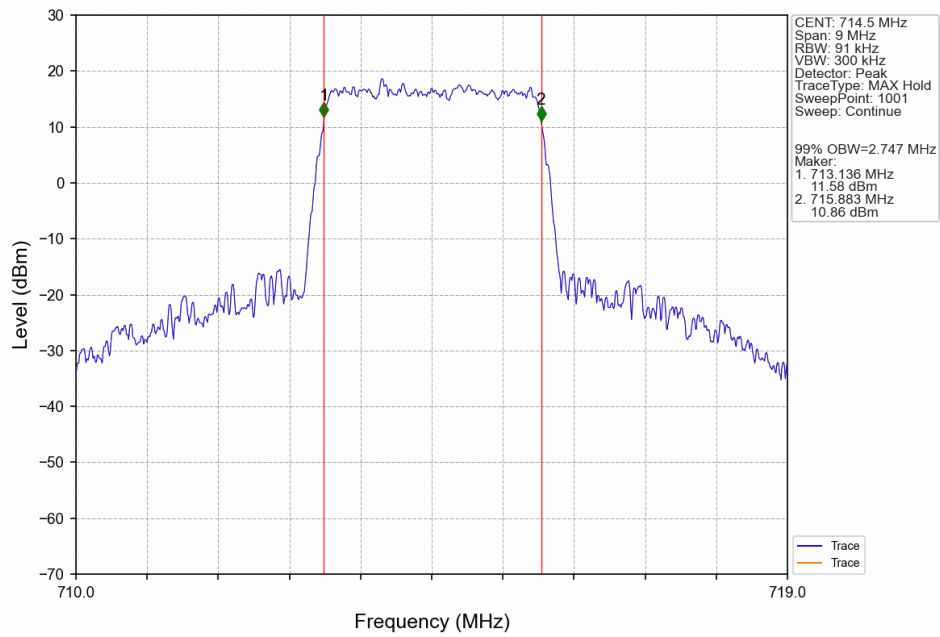
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



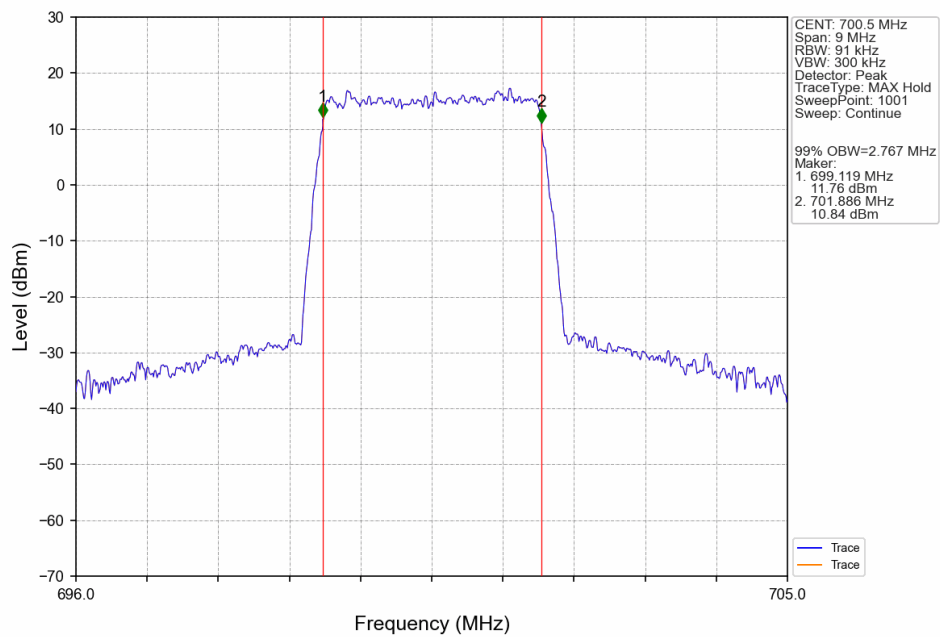
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



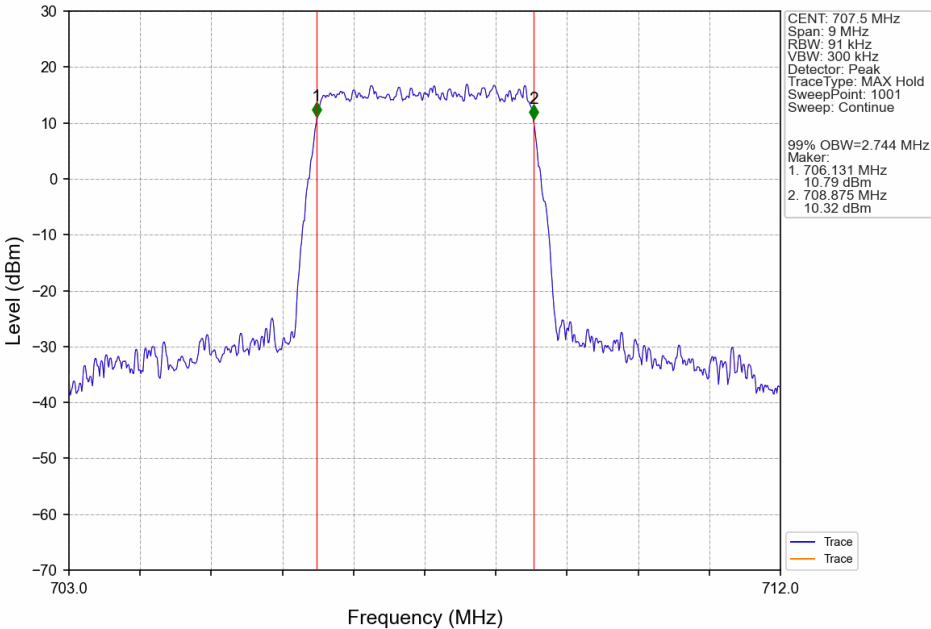
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



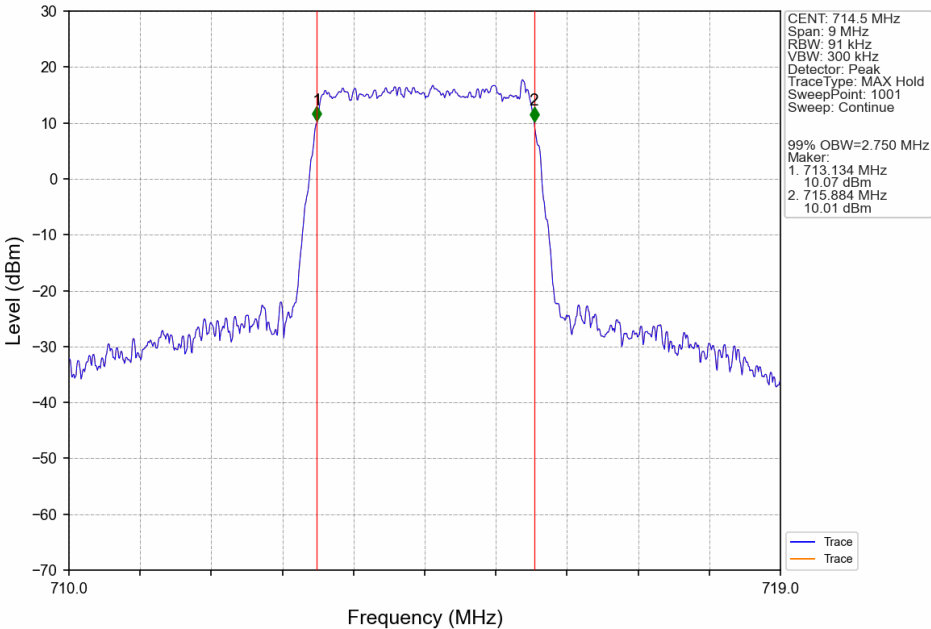
Band12 3MHz 64QAM LCH 700.5MHz RB 15 0 NTNV



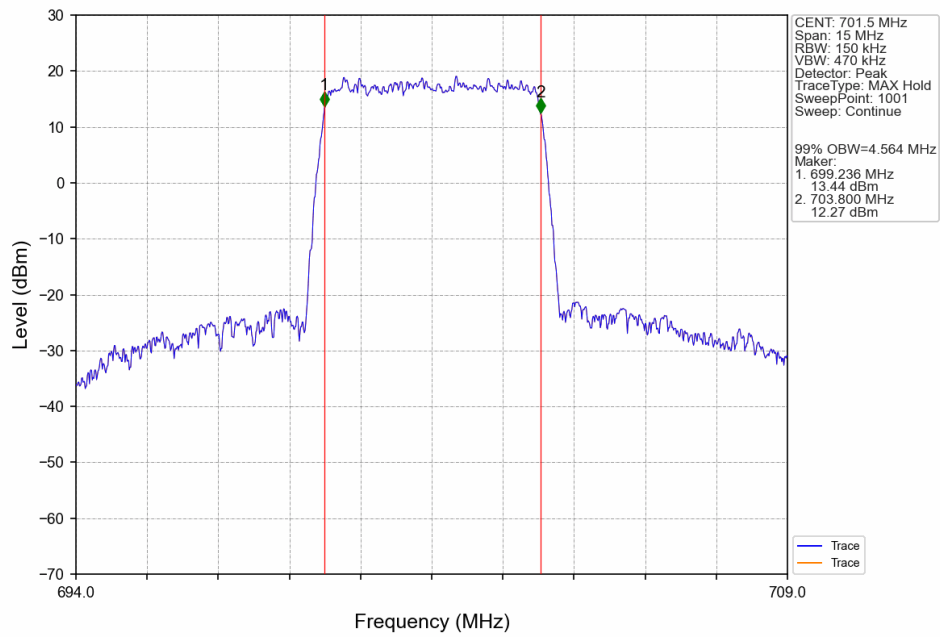
Band12 3MHz 64QAM MCH 707.5MHz RB 15 0 NTV



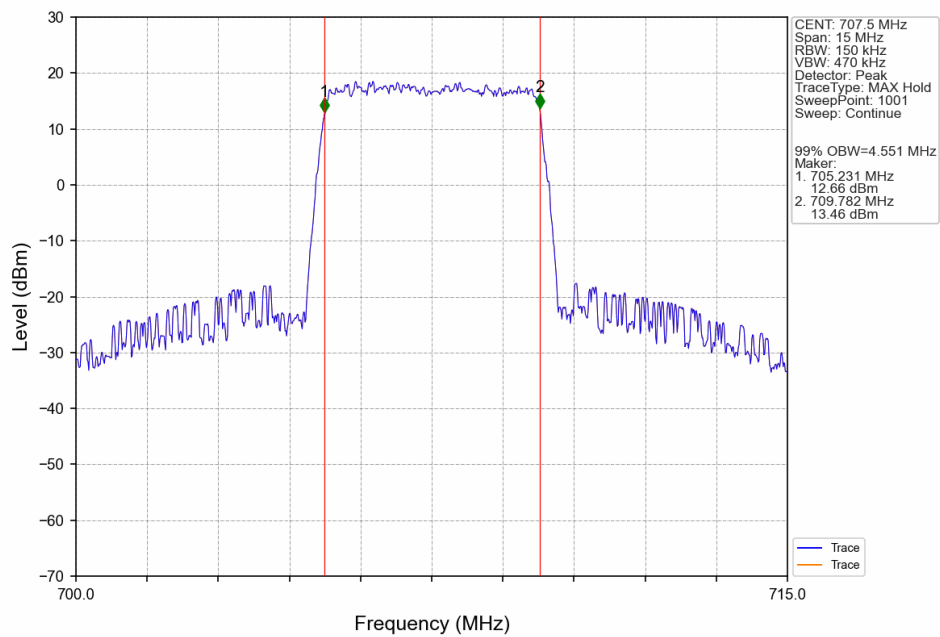
Band12 3MHz 64QAM HCH 714.5MHz RB 15 0 NTV



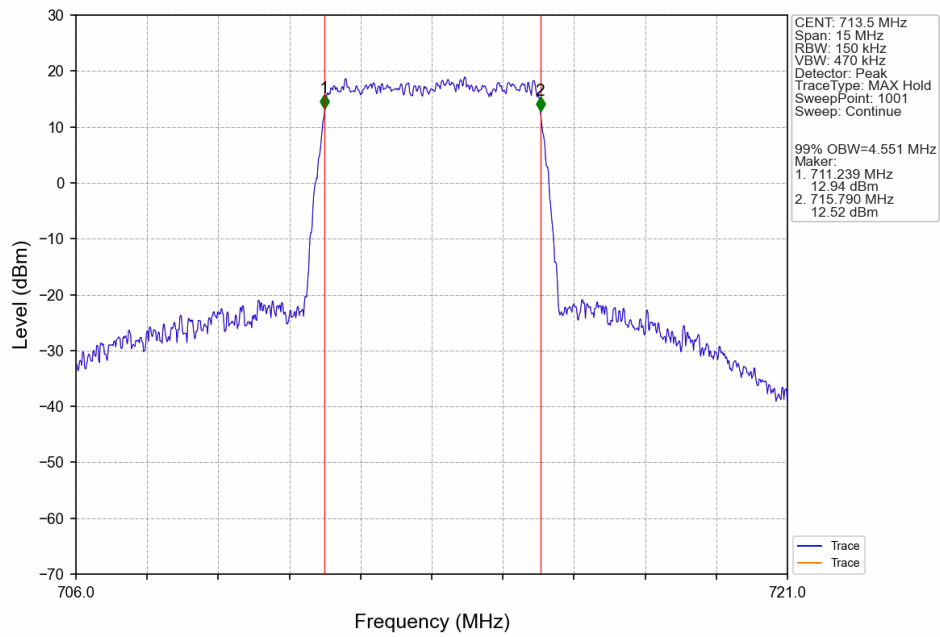
Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTNV



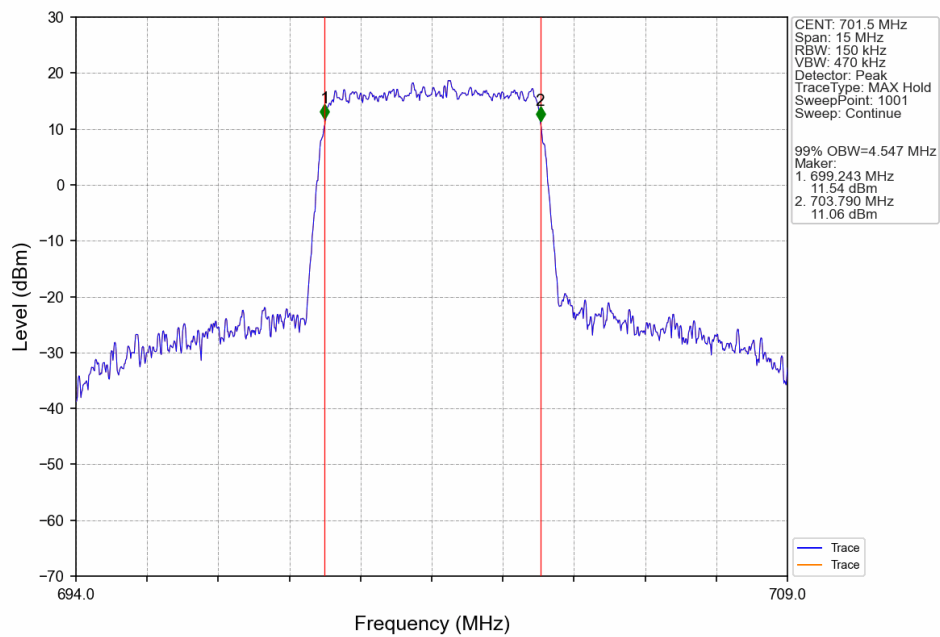
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



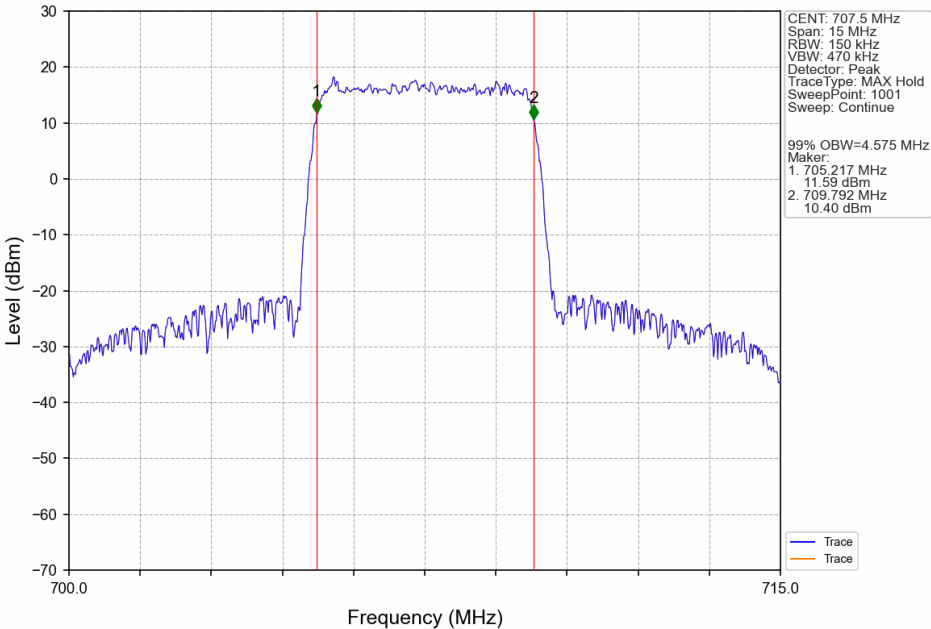
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTN



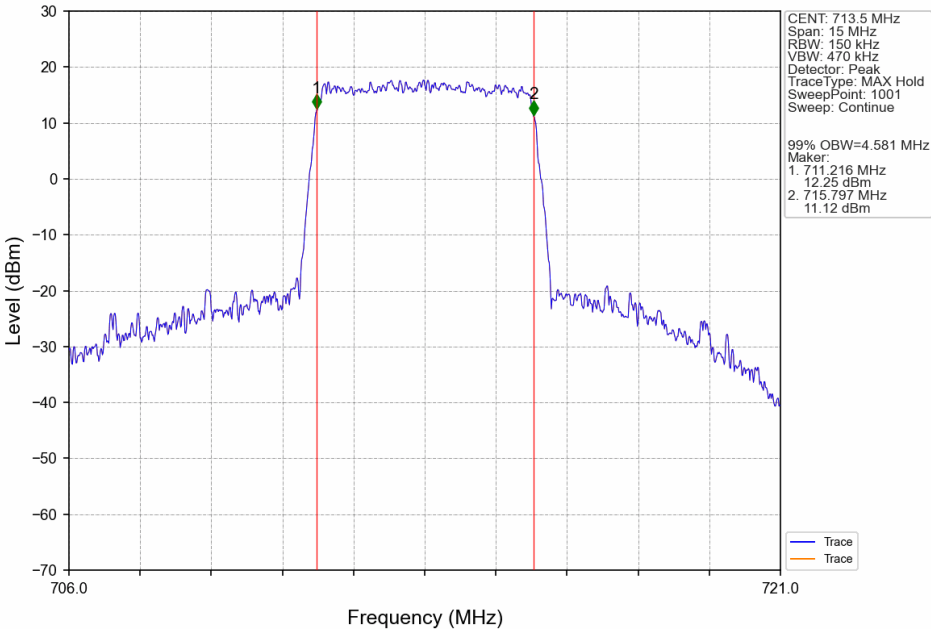
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0 NTN



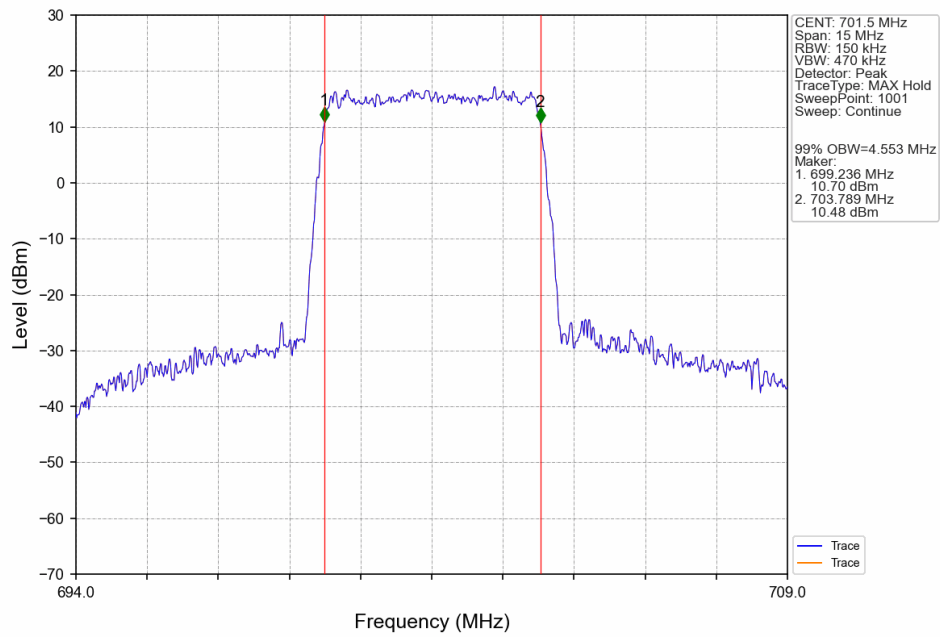
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTV



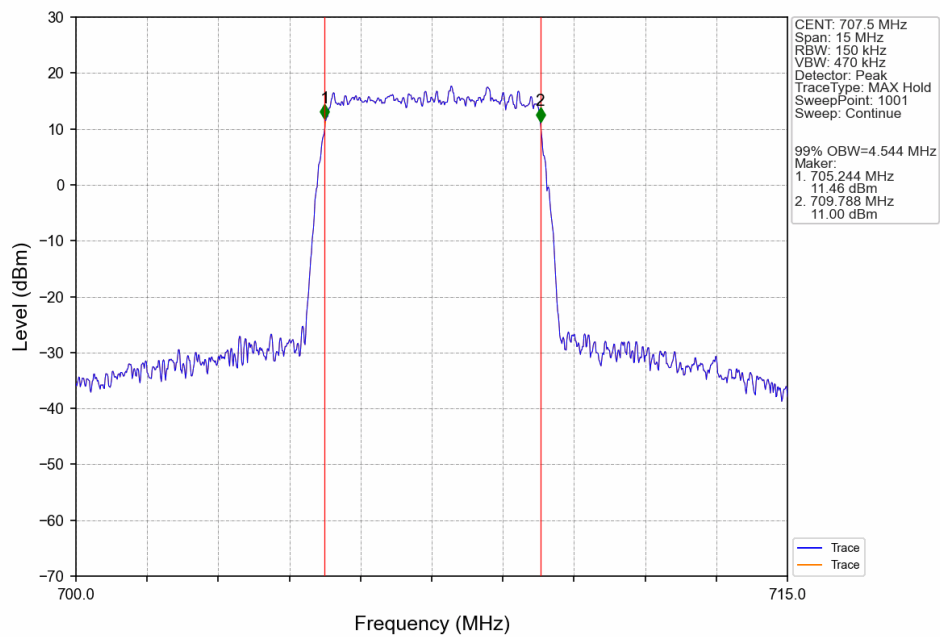
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTV



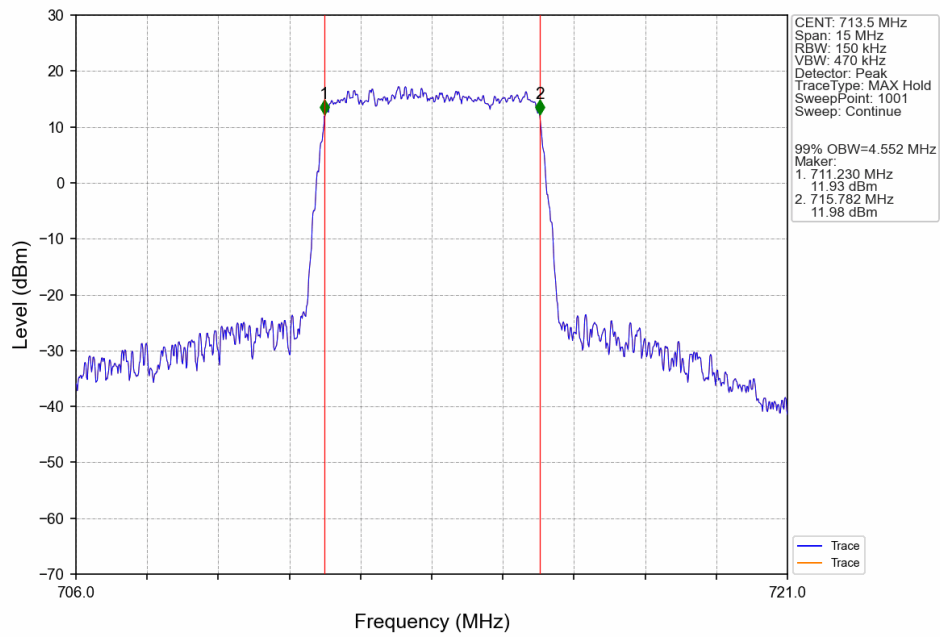
Band12_5MHz_64QAM_LCH_701.5MHz_RB_25_0_NTNV



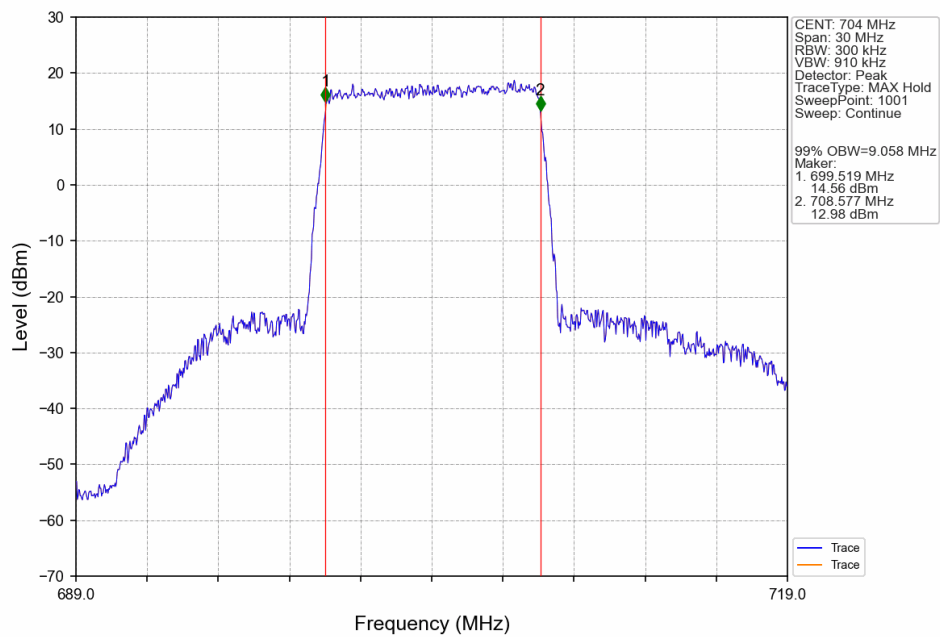
Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



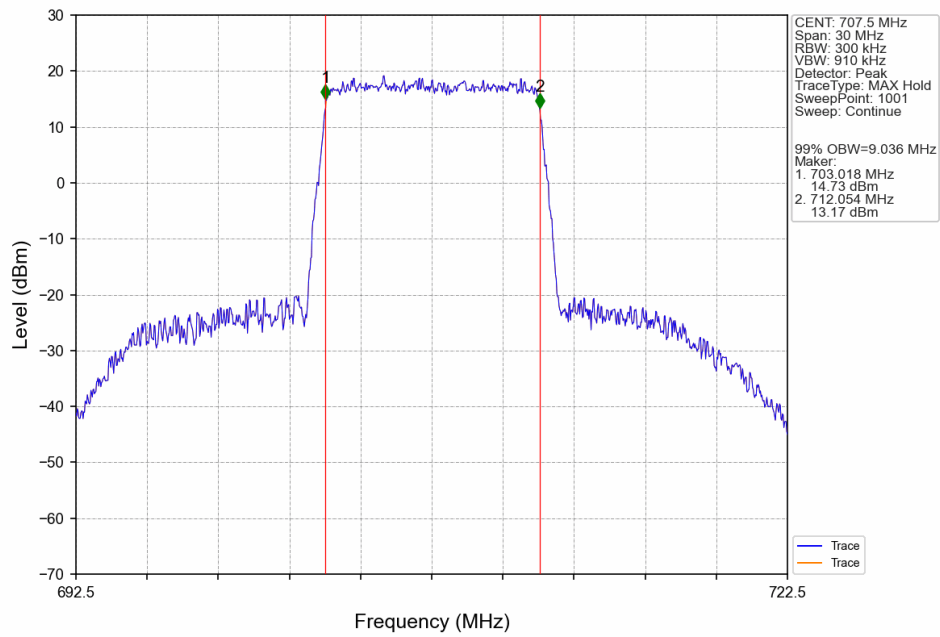
Band12 5MHz 64QAM HCH 713.5MHz RB 25 0 NTN



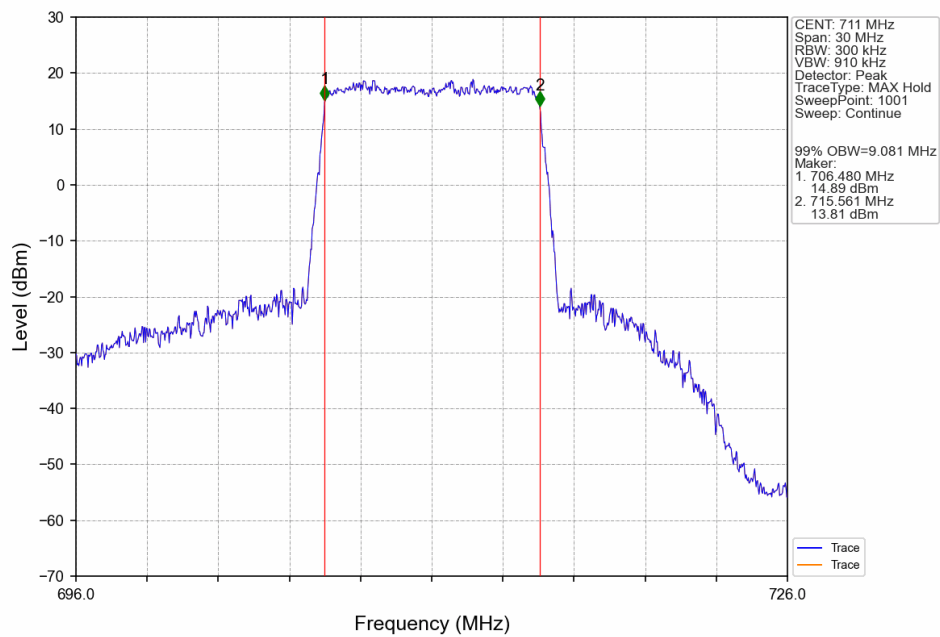
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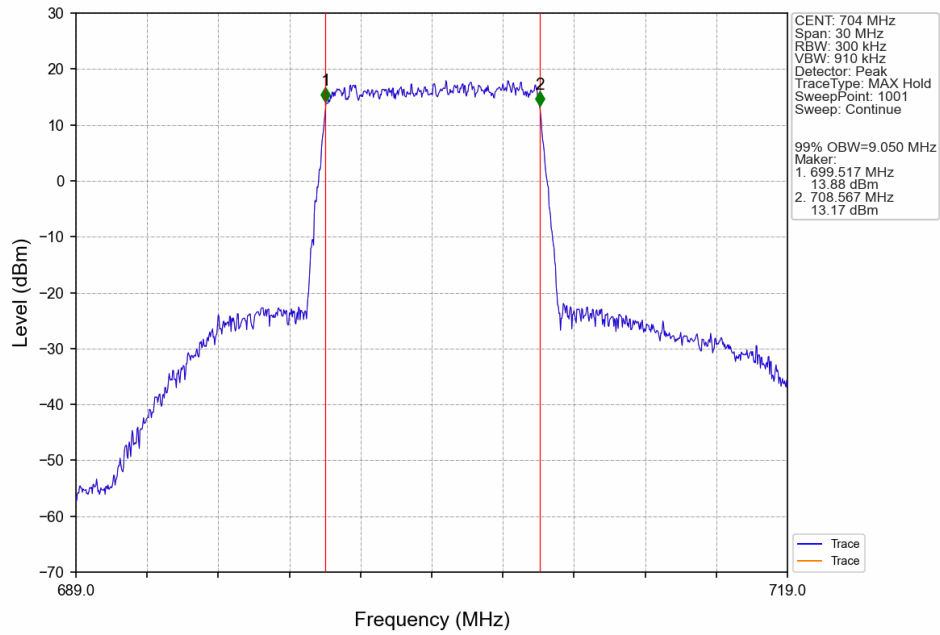
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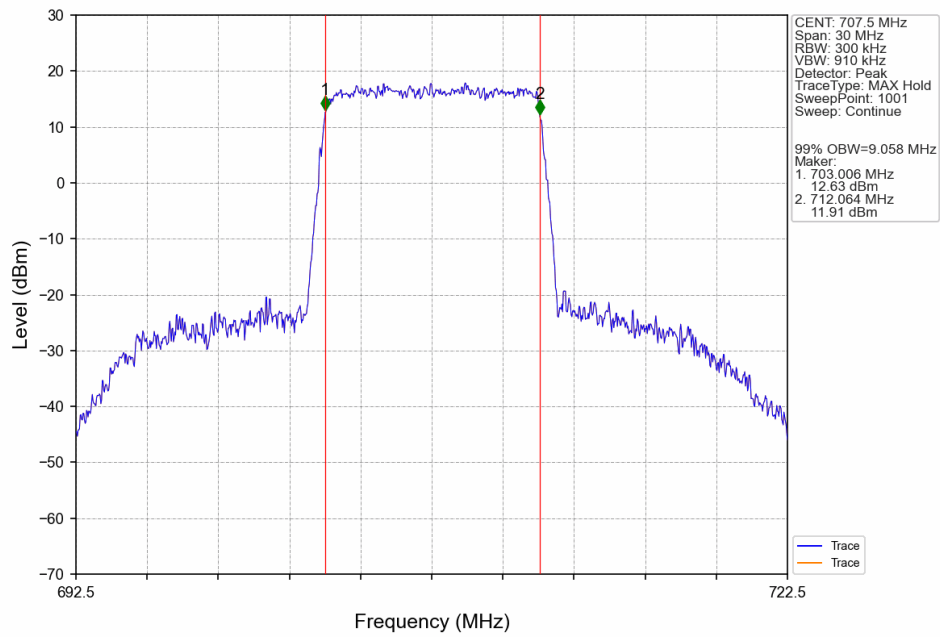
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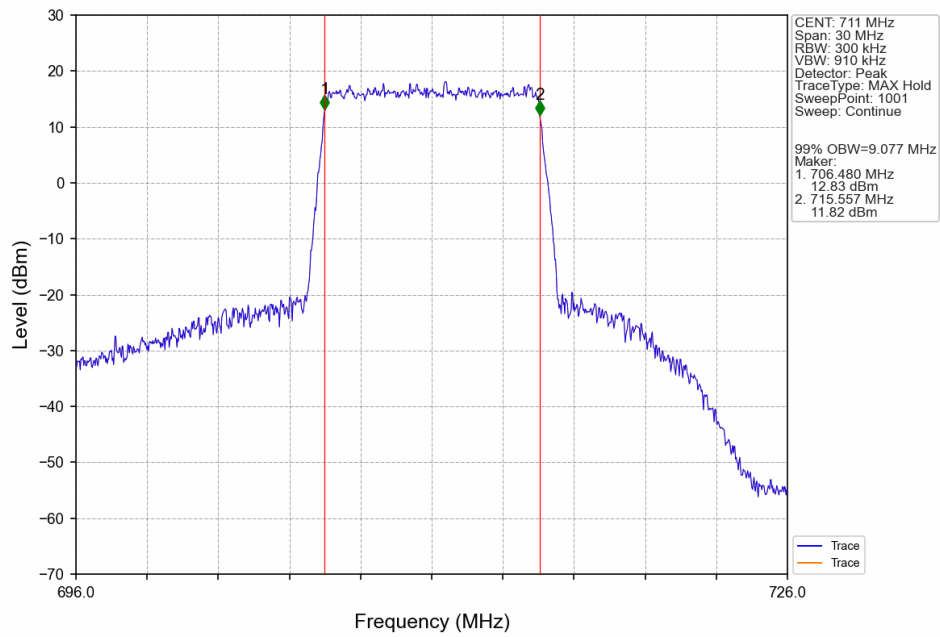
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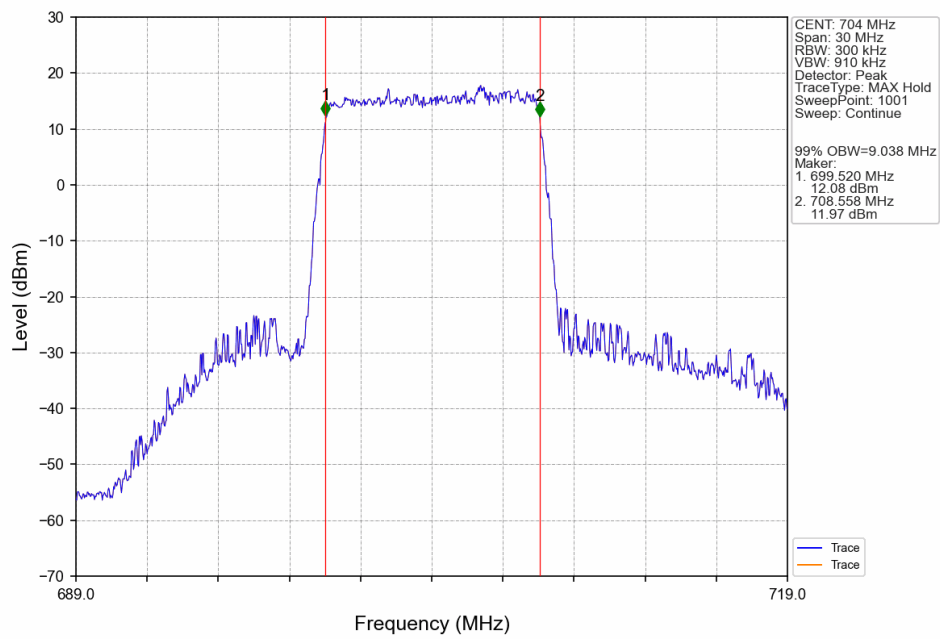
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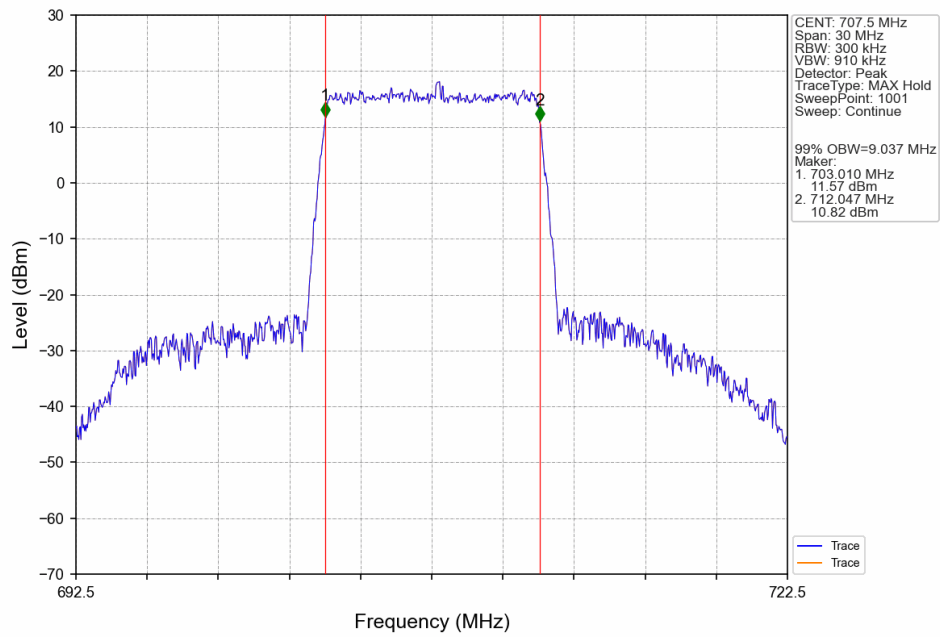
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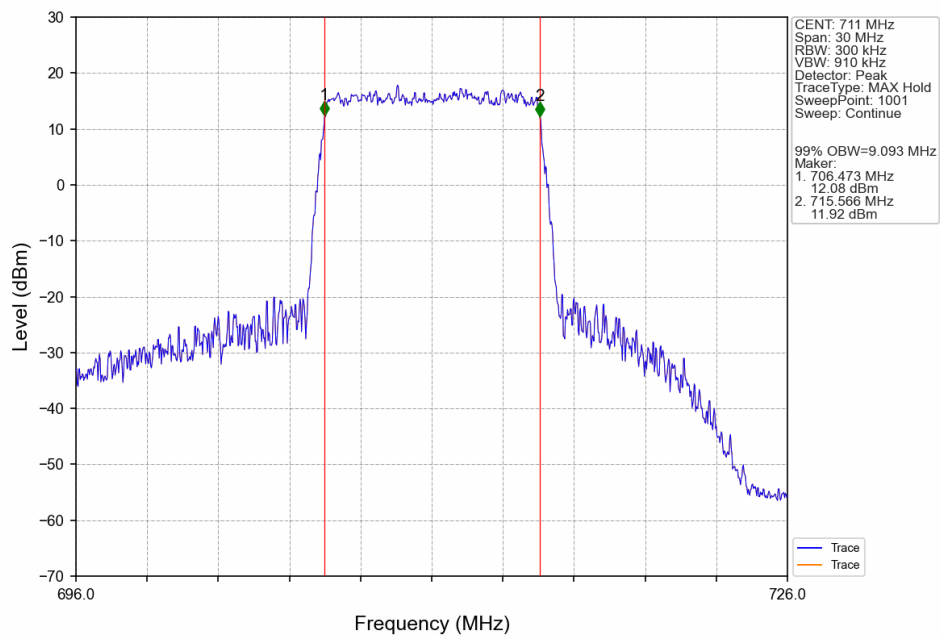
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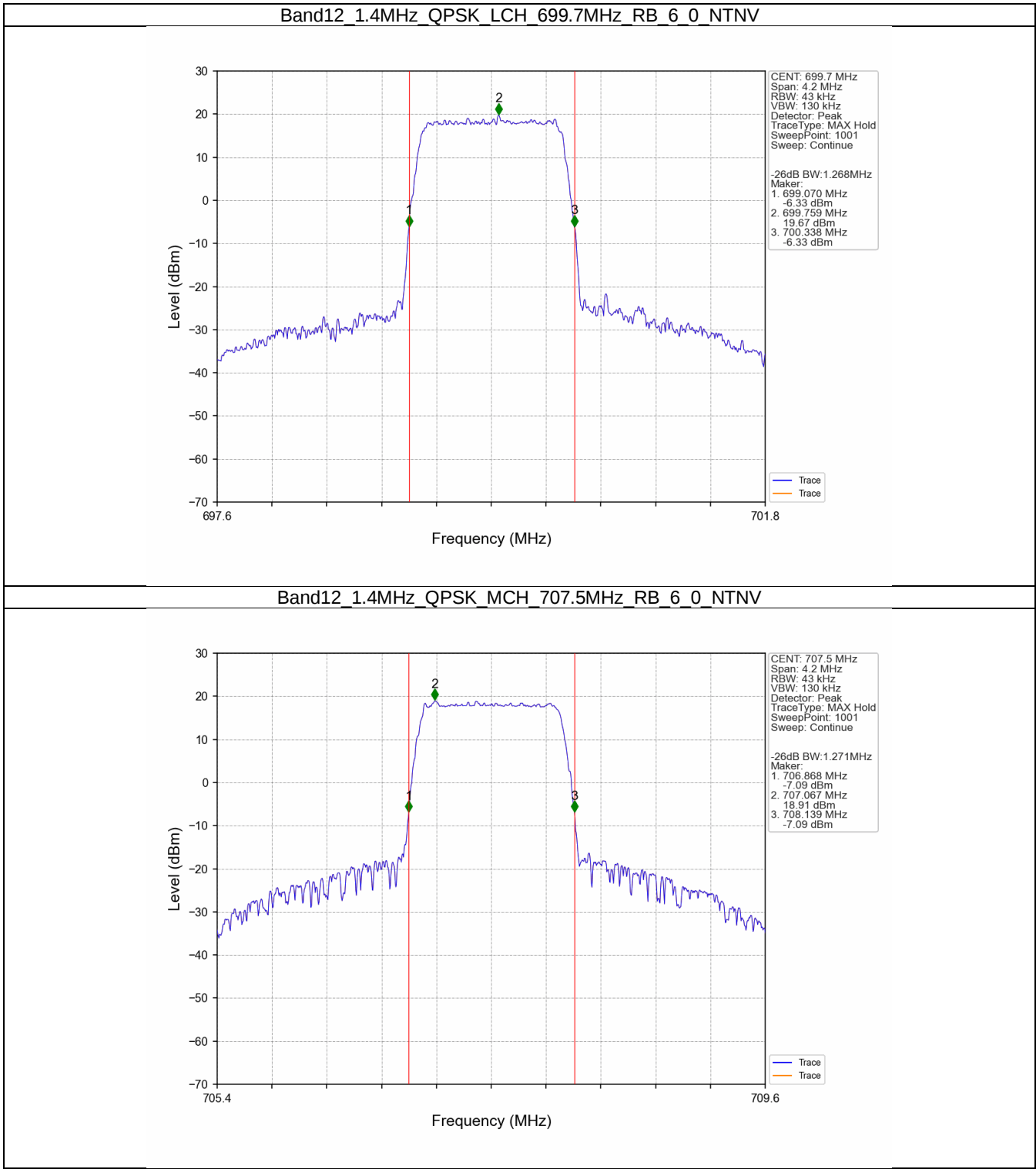
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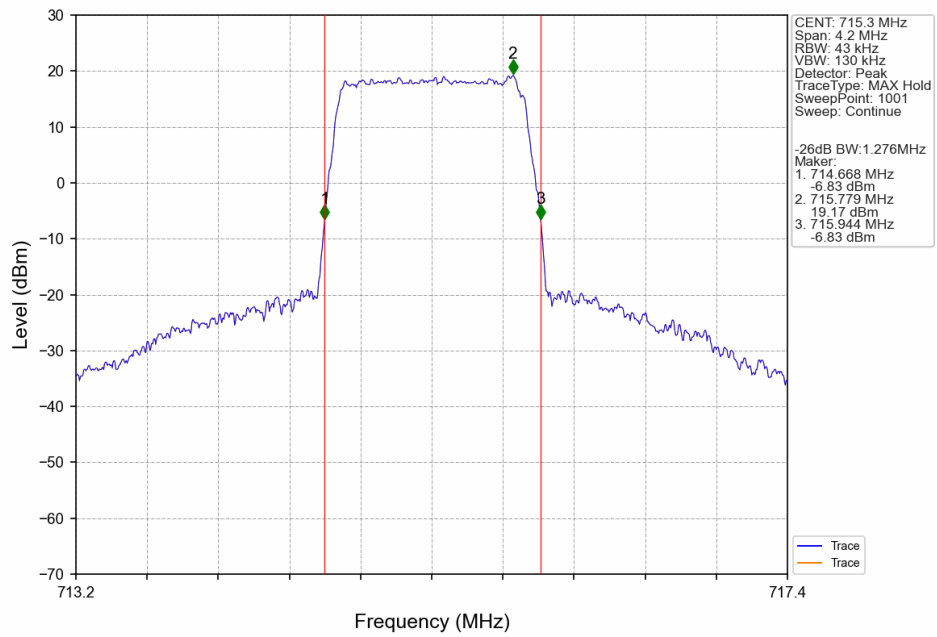
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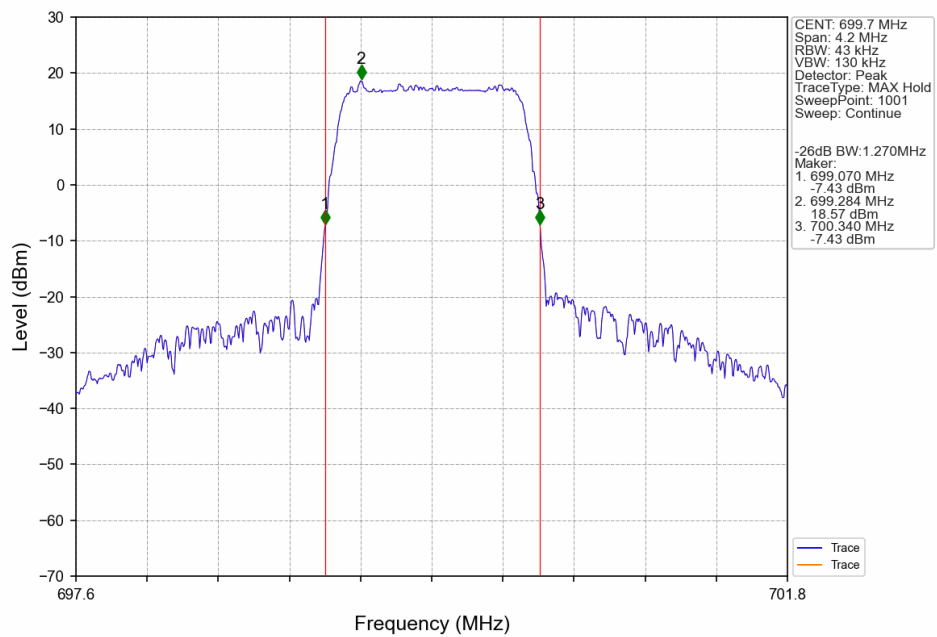
3.2.2 Band12_XDB



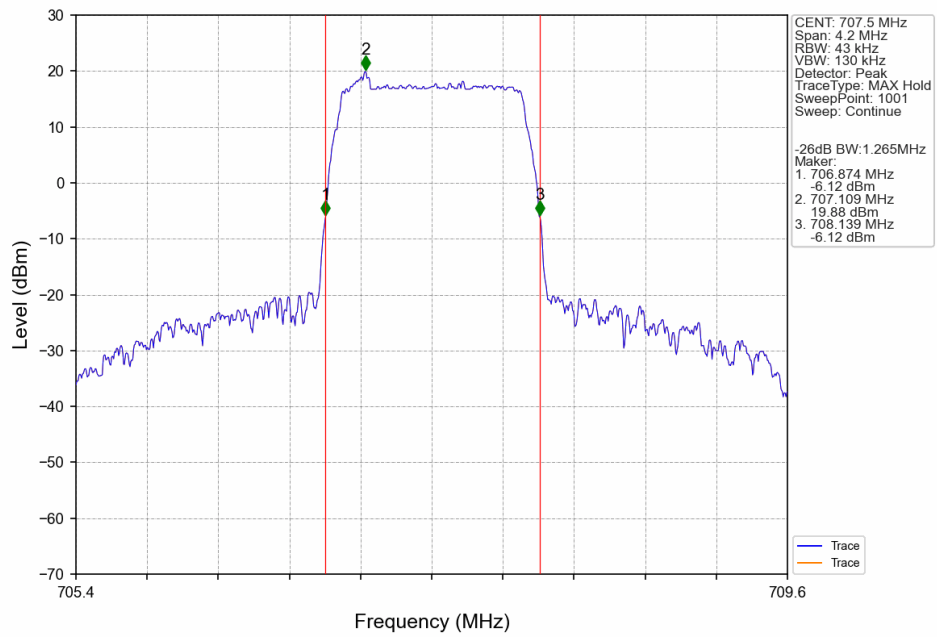
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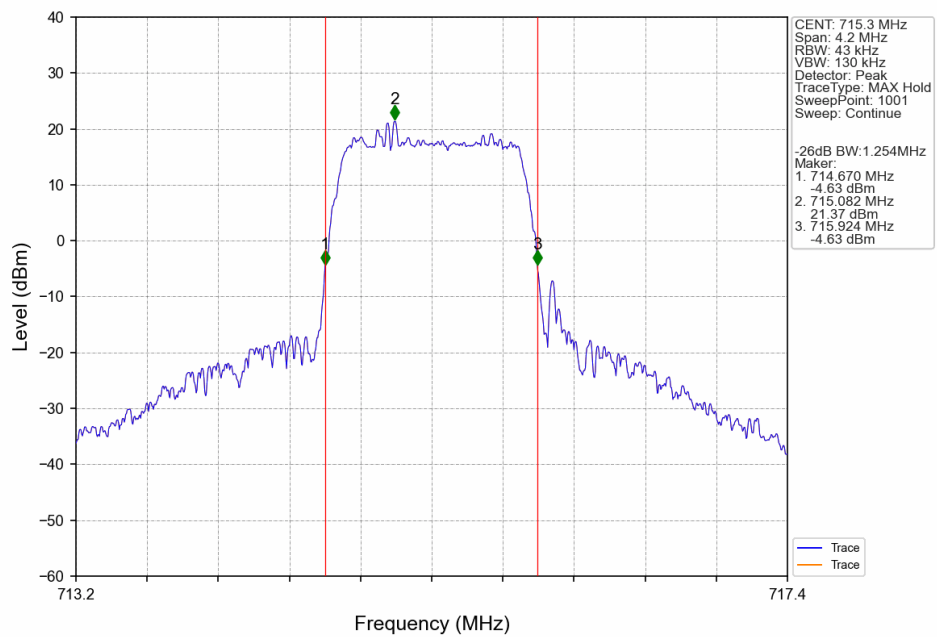
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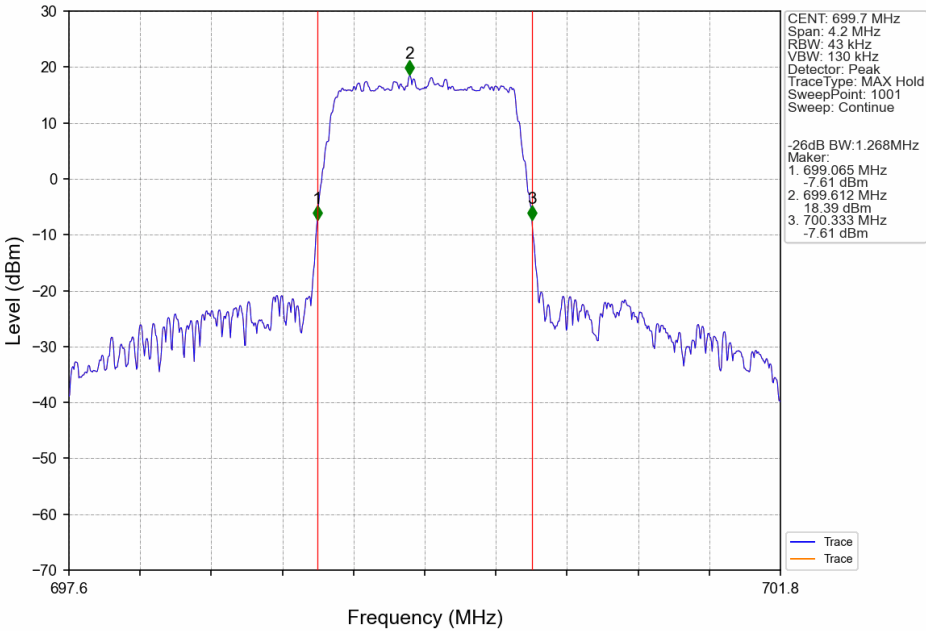
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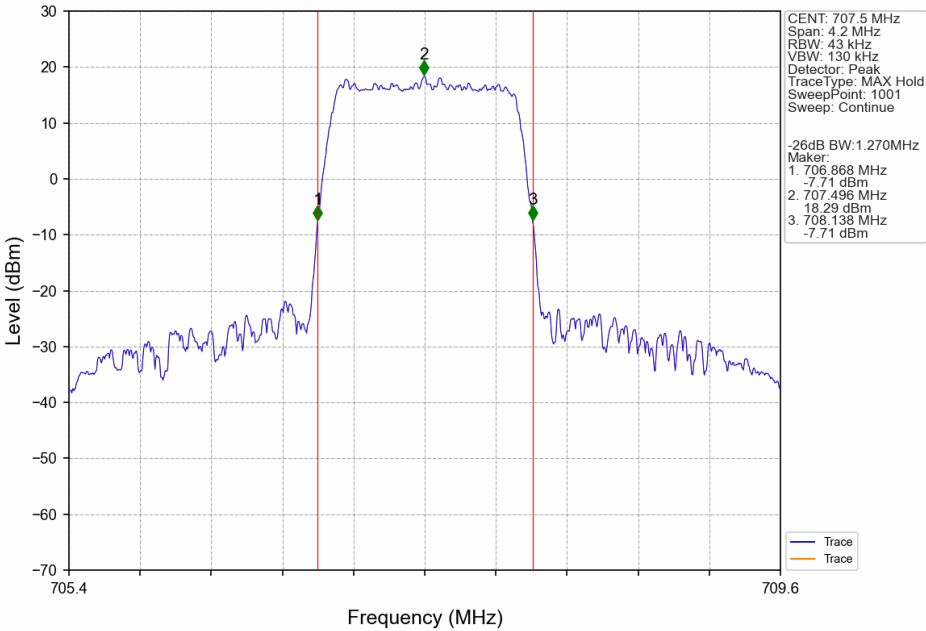
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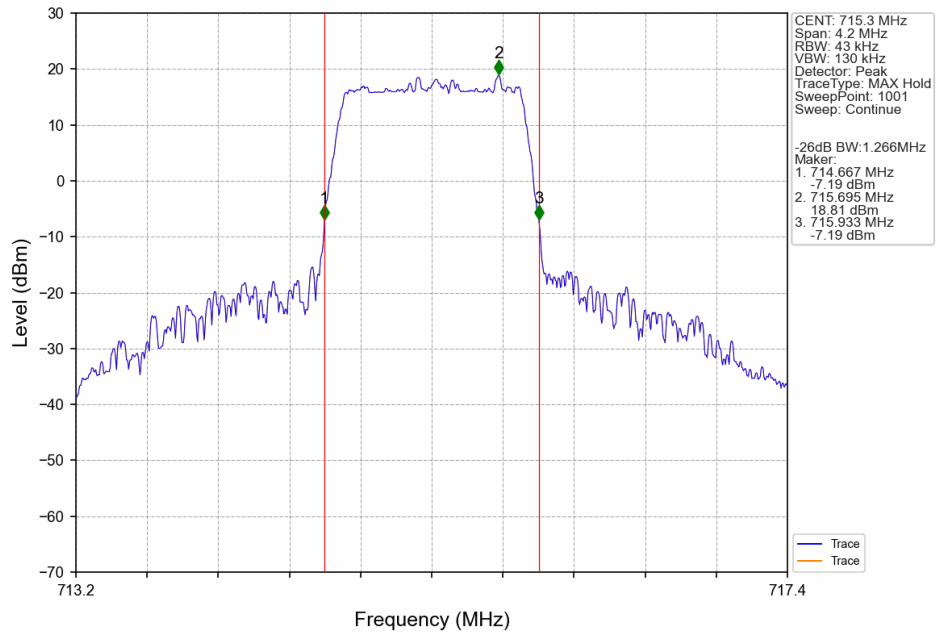
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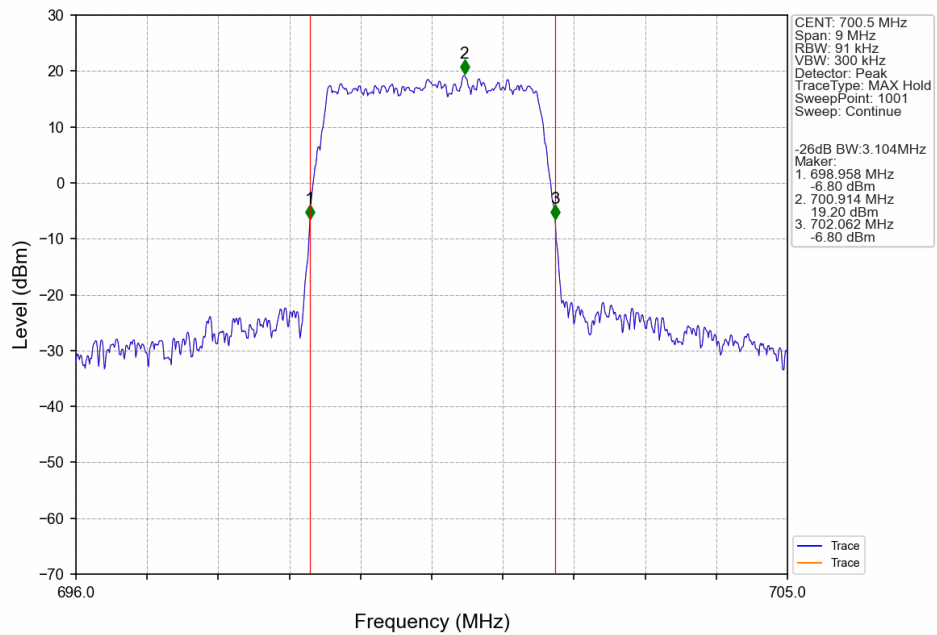
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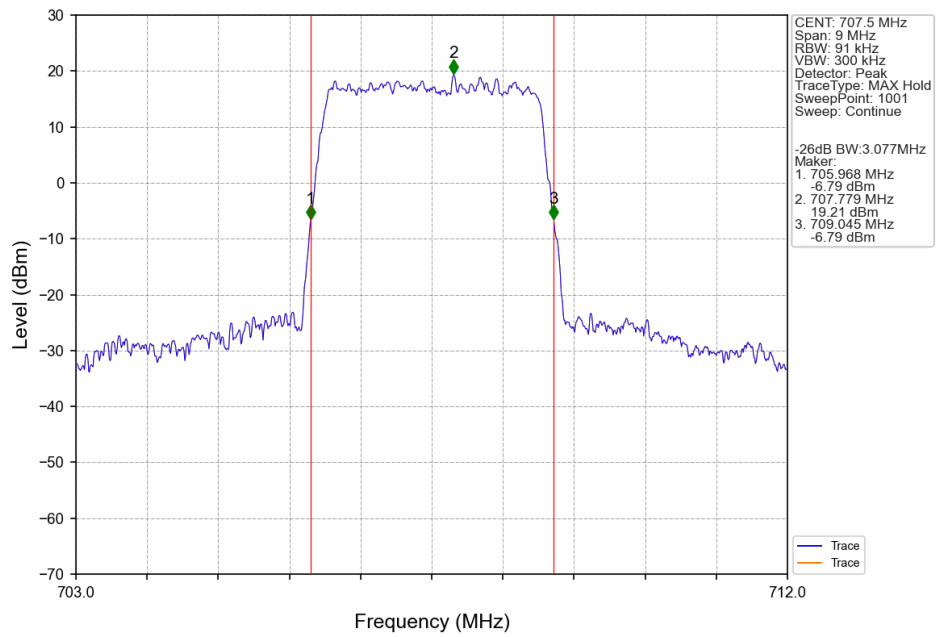
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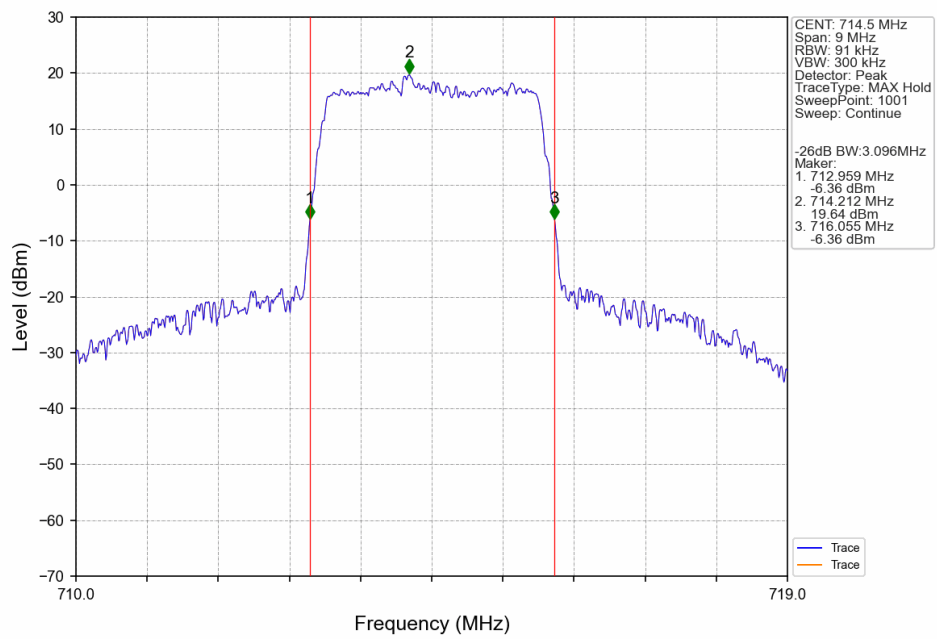
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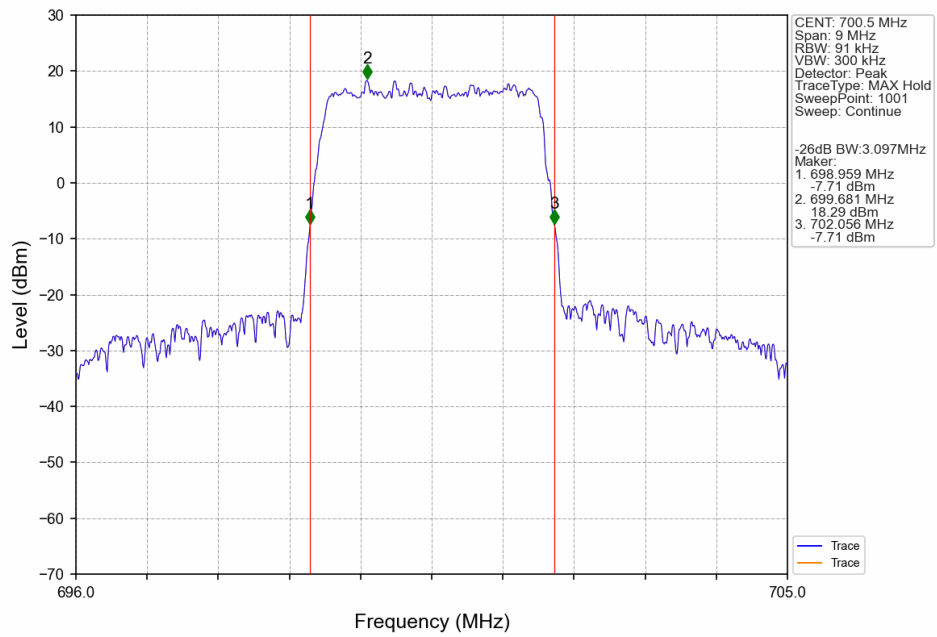
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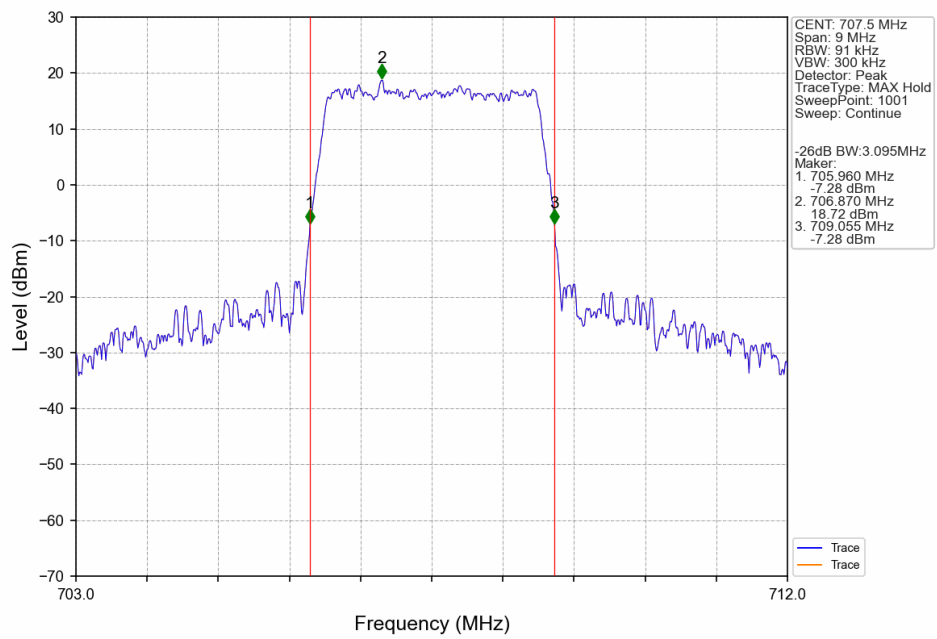
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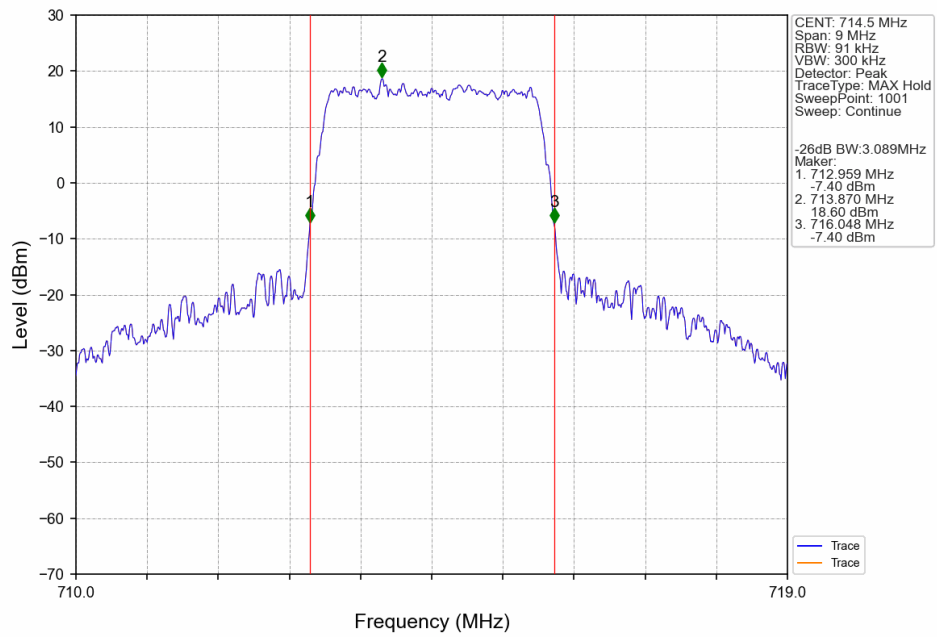
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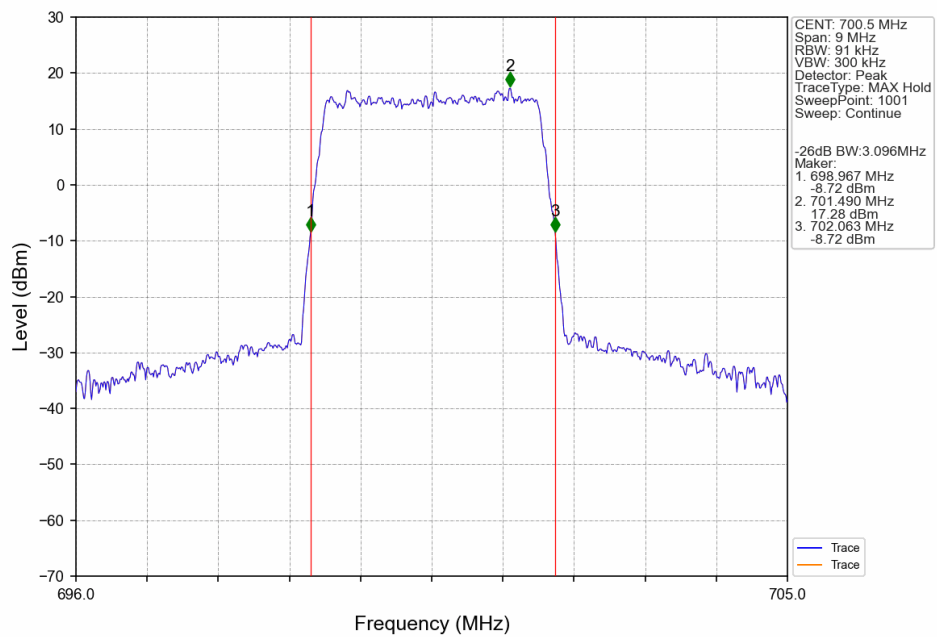
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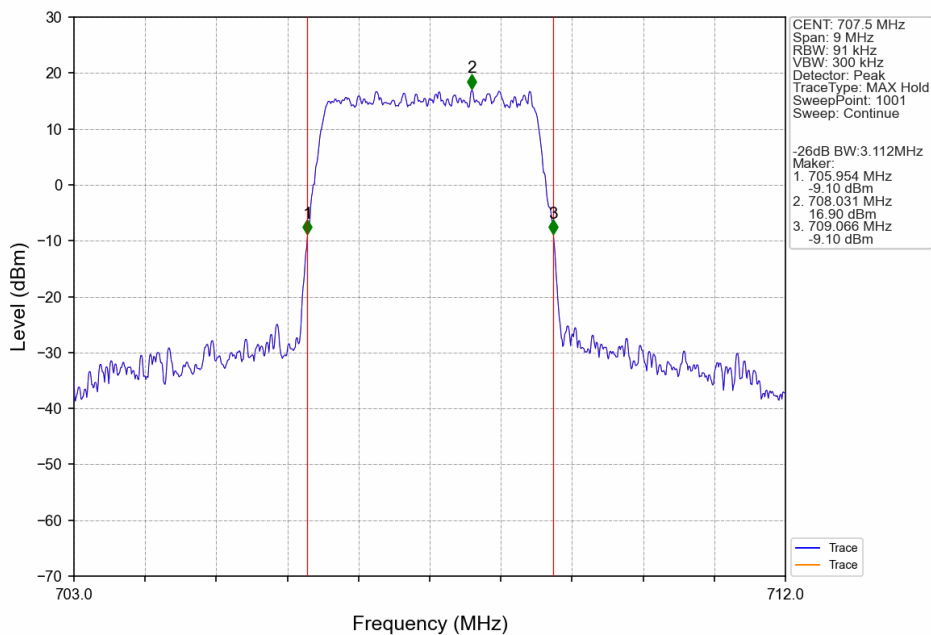
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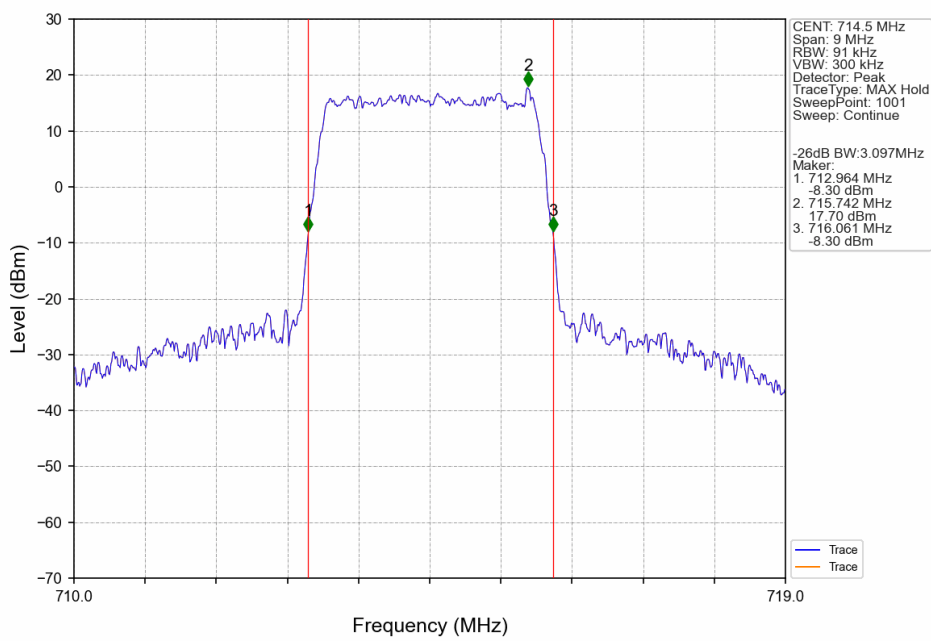
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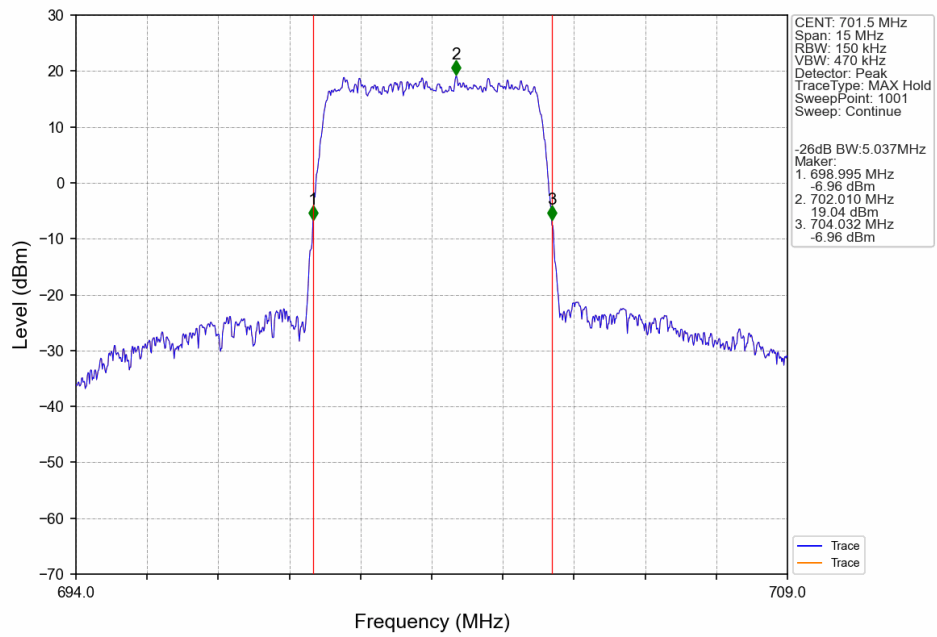
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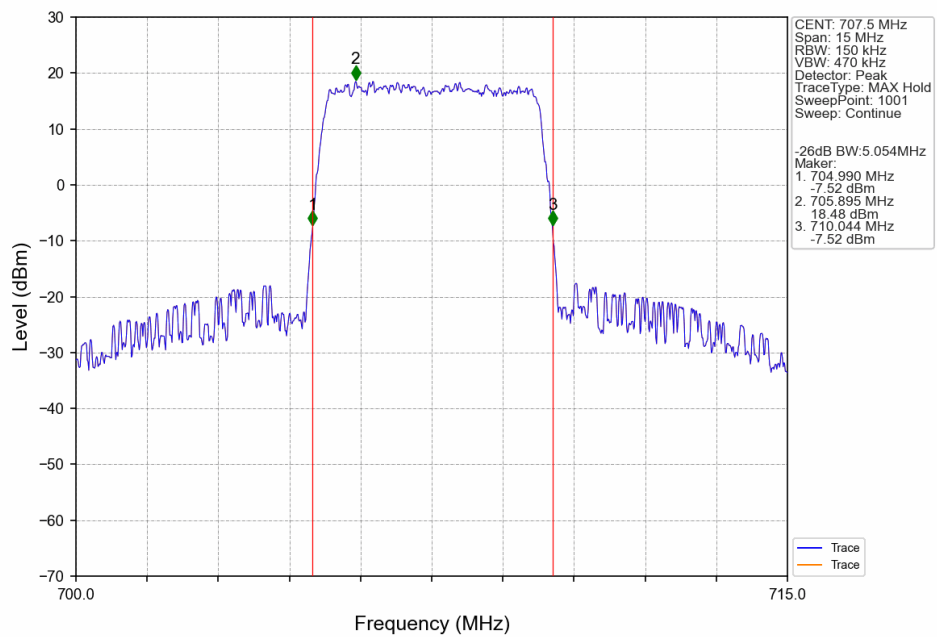
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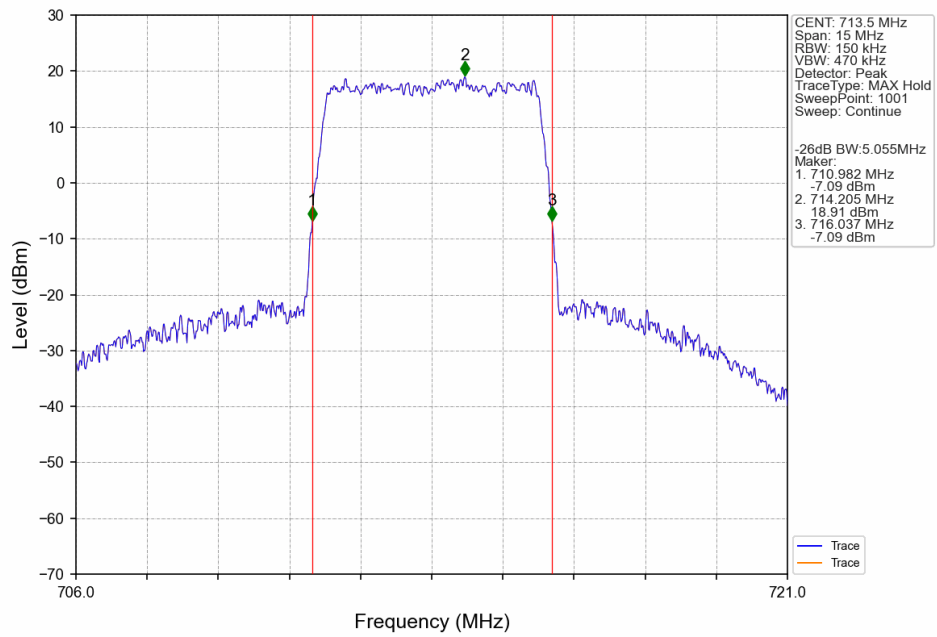
Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTNV



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

