

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B71_5MHz_ERP

Band: 71 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	665.5	1	0	24.01	-5.97	15.89	<=34.77	Pass
			13	24.07	-5.97	15.95	<=34.77	Pass
			24	23.91	-5.97	15.79	<=34.77	Pass
		12	0	22.92	-5.97	14.80	<=34.77	Pass
			6	22.98	-5.97	14.86	<=34.77	Pass
			13	22.96	-5.97	14.84	<=34.77	Pass
		25	0	22.98	-5.97	14.86	<=34.77	Pass
	680.5	1	0	23.98	-5.97	15.86	<=34.77	Pass
			13	24.06	-5.97	15.94	<=34.77	Pass
			24	23.94	-5.97	15.82	<=34.77	Pass
		12	0	22.95	-5.97	14.83	<=34.77	Pass
			6	22.98	-5.97	14.86	<=34.77	Pass
			13	22.96	-5.97	14.84	<=34.77	Pass
		25	0	22.91	-5.97	14.79	<=34.77	Pass
	695.5	1	0	23.81	-5.97	15.69	<=34.77	Pass
			13	23.86	-5.97	15.74	<=34.77	Pass
			24	23.73	-5.97	15.61	<=34.77	Pass
		12	0	22.75	-5.97	14.63	<=34.77	Pass
			6	22.85	-5.97	14.73	<=34.77	Pass
			13	22.77	-5.97	14.65	<=34.77	Pass
		25	0	22.79	-5.97	14.67	<=34.77	Pass
16QAM	665.5	1	0	22.99	-5.97	14.87	<=34.77	Pass
			13	23.04	-5.97	14.92	<=34.77	Pass
			24	23.00	-5.97	14.88	<=34.77	Pass
		12	0	21.93	-5.97	13.81	<=34.77	Pass
			6	22.02	-5.97	13.90	<=34.77	Pass
			13	22.05	-5.97	13.93	<=34.77	Pass
		25	0	21.97	-5.97	13.85	<=34.77	Pass
	680.5	1	0	23.04	-5.97	14.92	<=34.77	Pass
			13	23.18	-5.97	15.06	<=34.77	Pass
			24	23.09	-5.97	14.97	<=34.77	Pass
		12	0	22.01	-5.97	13.89	<=34.77	Pass
			6	21.95	-5.97	13.83	<=34.77	Pass
			13	22.05	-5.97	13.93	<=34.77	Pass
		25	0	21.95	-5.97	13.83	<=34.77	Pass
	695.5	1	0	23.02	-5.97	14.90	<=34.77	Pass
			13	23.07	-5.97	14.95	<=34.77	Pass
			24	22.79	-5.97	14.67	<=34.77	Pass
		12	0	21.74	-5.97	13.62	<=34.77	Pass
			6	21.84	-5.97	13.72	<=34.77	Pass
			13	21.81	-5.97	13.69	<=34.77	Pass
		25	0	21.78	-5.97	13.66	<=34.77	Pass
64QAM	665.5	1	0	22.17	-5.97	14.05	<=34.77	Pass
			13	22.26	-5.97	14.14	<=34.77	Pass
			24	22.20	-5.97	14.08	<=34.77	Pass
		12	0	20.91	-5.97	12.79	<=34.77	Pass
			6	20.99	-5.97	12.87	<=34.77	Pass
			13	20.98	-5.97	12.86	<=34.77	Pass
		25	0	21.02	-5.97	12.90	<=34.77	Pass

	680.5	1	0	21.99	-5.97	13.87	<=34.77	Pass
			13	22.15	-5.97	14.03	<=34.77	Pass
			24	22.04	-5.97	13.92	<=34.77	Pass
		12	0	20.97	-5.97	12.85	<=34.77	Pass
			6	20.99	-5.97	12.87	<=34.77	Pass
			13	21.00	-5.97	12.88	<=34.77	Pass
		25	0	20.93	-5.97	12.81	<=34.77	Pass
	695.5	1	0	21.90	-5.97	13.78	<=34.77	Pass
			13	21.90	-5.97	13.78	<=34.77	Pass
			24	21.77	-5.97	13.65	<=34.77	Pass
		12	0	20.80	-5.97	12.68	<=34.77	Pass
			6	20.85	-5.97	12.73	<=34.77	Pass
			13	20.74	-5.97	12.62	<=34.77	Pass
		25	0	20.82	-5.97	12.70	<=34.77	Pass
	Note1: ERP=Conducted Power+Antenna Gain-2.15							

1.1.2 B71_10MHz_ERP

Band: 71 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	668	1	0	23.99	-5.97	15.87	<=34.77	Pass
			25	23.95	-5.97	15.83	<=34.77	Pass
			49	23.86	-5.97	15.74	<=34.77	Pass
		25	0	22.89	-5.97	14.77	<=34.77	Pass
			13	23.01	-5.97	14.89	<=34.77	Pass
			25	22.95	-5.97	14.83	<=34.77	Pass
		50	0	22.97	-5.97	14.85	<=34.77	Pass
	680.5	1	0	23.99	-5.97	15.87	<=34.77	Pass
			25	24.00	-5.97	15.88	<=34.77	Pass
			49	23.86	-5.97	15.74	<=34.77	Pass
		25	0	22.98	-5.97	14.86	<=34.77	Pass
			13	22.95	-5.97	14.83	<=34.77	Pass
			25	22.96	-5.97	14.84	<=34.77	Pass
		50	0	22.93	-5.97	14.81	<=34.77	Pass
	693	1	0	23.99	-5.97	15.87	<=34.77	Pass
			25	23.89	-5.97	15.77	<=34.77	Pass
			49	23.73	-5.97	15.61	<=34.77	Pass
		25	0	22.86	-5.97	14.74	<=34.77	Pass
			13	22.84	-5.97	14.72	<=34.77	Pass
			25	22.81	-5.97	14.69	<=34.77	Pass
		50	0	22.78	-5.97	14.66	<=34.77	Pass
16QAM	668	1	0	23.17	-5.97	15.05	<=34.77	Pass
			25	23.14	-5.97	15.02	<=34.77	Pass
			49	23.05	-5.97	14.93	<=34.77	Pass
		25	0	21.91	-5.97	13.79	<=34.77	Pass
			13	22.05	-5.97	13.93	<=34.77	Pass
			25	21.93	-5.97	13.81	<=34.77	Pass
		50	0	22.01	-5.97	13.89	<=34.77	Pass
	680.5	1	0	23.09	-5.97	14.97	<=34.77	Pass
			25	23.28	-5.97	15.16	<=34.77	Pass
			49	23.05	-5.97	14.93	<=34.77	Pass
		25	0	21.99	-5.97	13.87	<=34.77	Pass
			13	21.95	-5.97	13.83	<=34.77	Pass
			25	21.96	-5.97	13.84	<=34.77	Pass
		50	0	21.96	-5.97	13.84	<=34.77	Pass
	693	1	0	23.02	-5.97	14.90	<=34.77	Pass

			25	23.07	-5.97	14.95	<=34.77	Pass
			49	22.86	-5.97	14.74	<=34.77	Pass
		25	0	21.91	-5.97	13.79	<=34.77	Pass
			13	21.82	-5.97	13.70	<=34.77	Pass
			25	21.82	-5.97	13.70	<=34.77	Pass
		50	0	21.80	-5.97	13.68	<=34.77	Pass
64QAM	668	1	0	22.18	-5.97	14.06	<=34.77	Pass
			25	22.20	-5.97	14.08	<=34.77	Pass
			49	22.04	-5.97	13.92	<=34.77	Pass
		25	0	20.96	-5.97	12.84	<=34.77	Pass
			13	21.00	-5.97	12.88	<=34.77	Pass
			25	20.91	-5.97	12.79	<=34.77	Pass
	50	0	20.96	-5.97	12.84	<=34.77	Pass	
	680.5	1	0	22.19	-5.97	14.07	<=34.77	Pass
			25	22.20	-5.97	14.08	<=34.77	Pass
			49	21.99	-5.97	13.87	<=34.77	Pass
		25	0	20.98	-5.97	12.86	<=34.77	Pass
			13	20.97	-5.97	12.85	<=34.77	Pass
			25	20.97	-5.97	12.85	<=34.77	Pass
	50	0	20.92	-5.97	12.80	<=34.77	Pass	
	693	1	0	22.10	-5.97	13.98	<=34.77	Pass
			25	22.08	-5.97	13.96	<=34.77	Pass
			49	21.90	-5.97	13.78	<=34.77	Pass
		25	0	20.87	-5.97	12.75	<=34.77	Pass
			13	20.85	-5.97	12.73	<=34.77	Pass
			25	20.80	-5.97	12.68	<=34.77	Pass
	50	0	20.81	-5.97	12.69	<=34.77	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B71_15MHz_ERP

Band: 71 / Bandwidth: 15MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	670.5	1	0	23.72	-5.97	15.60	<=34.77	Pass	
			38	23.74	-5.97	15.62	<=34.77	Pass	
			74	23.67	-5.97	15.55	<=34.77	Pass	
		36	0	22.81	-5.97	14.69	<=34.77	Pass	
			18	22.76	-5.97	14.64	<=34.77	Pass	
			39	22.75	-5.97	14.63	<=34.77	Pass	
		75	0	22.87	-5.97	14.75	<=34.77	Pass	
		680.5	1	0	23.77	-5.97	15.65	<=34.77	Pass
				38	23.81	-5.97	15.69	<=34.77	Pass
	74			23.59	-5.97	15.47	<=34.77	Pass	
	36		0	22.84	-5.97	14.72	<=34.77	Pass	
			18	22.81	-5.97	14.69	<=34.77	Pass	
			39	22.76	-5.97	14.64	<=34.77	Pass	
	75	0	22.77	-5.97	14.65	<=34.77	Pass		
	690.5	1	0	23.82	-5.97	15.70	<=34.77	Pass	
			38	23.68	-5.97	15.56	<=34.77	Pass	
			74	23.55	-5.97	15.43	<=34.77	Pass	
		36	0	22.78	-5.97	14.66	<=34.77	Pass	
			18	22.70	-5.97	14.58	<=34.77	Pass	
			39	22.67	-5.97	14.55	<=34.77	Pass	
		75	0	22.69	-5.97	14.57	<=34.77	Pass	
		16QAM	670.5	1	0	22.95	-5.97	14.83	<=34.77
38					23.03	-5.97	14.91	<=34.77	Pass

		36	74	22.97	-5.97	14.85	<=34.77	Pass	
			0	21.80	-5.97	13.68	<=34.77	Pass	
				18	21.75	-5.97	13.63	<=34.77	Pass
			39	21.77	-5.97	13.65	<=34.77	Pass	
		75	0	21.86	-5.97	13.74	<=34.77	Pass	
	680.5	1	0	22.97	-5.97	14.85	<=34.77	Pass	
			38	22.91	-5.97	14.79	<=34.77	Pass	
			74	22.78	-5.97	14.66	<=34.77	Pass	
		36	0	21.82	-5.97	13.70	<=34.77	Pass	
			18	21.79	-5.97	13.67	<=34.77	Pass	
			39	21.76	-5.97	13.64	<=34.77	Pass	
		75	0	21.80	-5.97	13.68	<=34.77	Pass	
		690.5	1	0	23.02	-5.97	14.90	<=34.77	Pass
	38			22.93	-5.97	14.81	<=34.77	Pass	
	74			22.52	-5.97	14.40	<=34.77	Pass	
	36		0	21.79	-5.97	13.67	<=34.77	Pass	
			18	21.70	-5.97	13.58	<=34.77	Pass	
			39	21.69	-5.97	13.57	<=34.77	Pass	
	75		0	21.73	-5.97	13.61	<=34.77	Pass	
	64QAM	670.5	1	0	21.94	-5.97	13.82	<=34.77	Pass
				38	21.91	-5.97	13.79	<=34.77	Pass
74				21.88	-5.97	13.76	<=34.77	Pass	
36			0	20.78	-5.97	12.66	<=34.77	Pass	
			18	20.75	-5.97	12.63	<=34.77	Pass	
			39	20.72	-5.97	12.60	<=34.77	Pass	
75			0	20.85	-5.97	12.73	<=34.77	Pass	
680.5		1	0	21.93	-5.97	13.81	<=34.77	Pass	
			38	21.95	-5.97	13.83	<=34.77	Pass	
			74	21.82	-5.97	13.70	<=34.77	Pass	
		36	0	20.84	-5.97	12.72	<=34.77	Pass	
			18	20.79	-5.97	12.67	<=34.77	Pass	
			39	20.77	-5.97	12.65	<=34.77	Pass	
		75	0	20.79	-5.97	12.67	<=34.77	Pass	
690.5		1	0	22.11	-5.97	13.99	<=34.77	Pass	
			38	21.88	-5.97	13.76	<=34.77	Pass	
			74	21.68	-5.97	13.56	<=34.77	Pass	
		36	0	20.77	-5.97	12.65	<=34.77	Pass	
			18	20.69	-5.97	12.57	<=34.77	Pass	
			39	20.68	-5.97	12.56	<=34.77	Pass	
		75	0	20.72	-5.97	12.60	<=34.77	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.4 B71_20MHz_ERP

Band: 71 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	673	1	0	23.77	-5.97	15.65	<=34.77	Pass
			50	23.74	-5.97	15.62	<=34.77	Pass
			99	23.66	-5.97	15.54	<=34.77	Pass
		50	0	22.83	-5.97	14.71	<=34.77	Pass
			25	22.86	-5.97	14.74	<=34.77	Pass
			50	22.81	-5.97	14.69	<=34.77	Pass
		100	0	22.87	-5.97	14.75	<=34.77	Pass
	683	1	0	23.81	-5.97	15.69	<=34.77	Pass
			50	23.74	-5.97	15.62	<=34.77	Pass
			99	23.53	-5.97	15.41	<=34.77	Pass

		50	0	22.84	-5.97	14.72	<=34.77	Pass		
			25	22.87	-5.97	14.75	<=34.77	Pass		
			50	22.75	-5.97	14.63	<=34.77	Pass		
		100	0	22.80	-5.97	14.68	<=34.77	Pass		
			688	1	0	23.84	-5.97	15.72	<=34.77	Pass
					50	23.75	-5.97	15.63	<=34.77	Pass
	99	23.48			-5.97	15.36	<=34.77	Pass		
	50	0		22.82	-5.97	14.70	<=34.77	Pass		
		25		22.71	-5.97	14.59	<=34.77	Pass		
		50		22.67	-5.97	14.55	<=34.77	Pass		
	100	0	22.71	-5.97	14.59	<=34.77	Pass			
	16QAM	673	1	0	22.97	-5.97	14.85	<=34.77	Pass	
50				22.99	-5.97	14.87	<=34.77	Pass		
99				22.75	-5.97	14.63	<=34.77	Pass		
50			0	21.81	-5.97	13.69	<=34.77	Pass		
			25	21.85	-5.97	13.73	<=34.77	Pass		
			50	21.83	-5.97	13.71	<=34.77	Pass		
			100	0	21.88	-5.97	13.76	<=34.77	Pass	
			683	1	0	22.92	-5.97	14.80	<=34.77	Pass
50					22.89	-5.97	14.77	<=34.77	Pass	
99		22.56			-5.97	14.44	<=34.77	Pass		
50		0		21.85	-5.97	13.73	<=34.77	Pass		
		25		21.85	-5.97	13.73	<=34.77	Pass		
		50		21.71	-5.97	13.59	<=34.77	Pass		
100		0	21.80	-5.97	13.68	<=34.77	Pass			
688		1	0	23.16	-5.97	15.04	<=34.77	Pass		
			50	22.92	-5.97	14.80	<=34.77	Pass		
			99	22.73	-5.97	14.61	<=34.77	Pass		
		50	0	21.82	-5.97	13.70	<=34.77	Pass		
			25	21.72	-5.97	13.60	<=34.77	Pass		
			50	21.65	-5.97	13.53	<=34.77	Pass		
			100	0	21.71	-5.97	13.59	<=34.77	Pass	
			64QAM	673	1	0	21.93	-5.97	13.81	<=34.77
		50				21.91	-5.97	13.79	<=34.77	Pass
99		21.84				-5.97	13.72	<=34.77	Pass	
50	0	20.83			-5.97	12.71	<=34.77	Pass		
	25	20.87			-5.97	12.75	<=34.77	Pass		
	50	20.80			-5.97	12.68	<=34.77	Pass		
100	0	20.90			-5.97	12.78	<=34.77	Pass		
683	1	0		22.03	-5.97	13.91	<=34.77	Pass		
		50		21.98	-5.97	13.86	<=34.77	Pass		
		99		21.71	-5.97	13.59	<=34.77	Pass		
	50	0		20.88	-5.97	12.76	<=34.77	Pass		
		25		20.88	-5.97	12.76	<=34.77	Pass		
		50		20.72	-5.97	12.60	<=34.77	Pass		
100	0	20.75		-5.97	12.63	<=34.77	Pass			
688	1	0		22.11	-5.97	13.99	<=34.77	Pass		
		50	21.87	-5.97	13.75	<=34.77	Pass			
		99	21.77	-5.97	13.65	<=34.77	Pass			
	50	0	20.81	-5.97	12.69	<=34.77	Pass			
		25	20.72	-5.97	12.60	<=34.77	Pass			
		50	20.63	-5.97	12.51	<=34.77	Pass			
	100	0	20.71	-5.97	12.59	<=34.77	Pass			
Note1: ERP=Conducted Power+Antenna Gain-2.15										

2. Frequency Stability

2.1 Test Result

2.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	665.5	25	0	20	3.6	0.716	0.0011	-2.5 to 2.5	Pass
					3.92	0.527	0.0008	-2.5 to 2.5	Pass
					4.53	1.653	0.0025	-2.5 to 2.5	Pass
				-30	3.92	1.013	0.0015	-2.5 to 2.5	Pass
				-20	3.92	0.206	0.0003	-2.5 to 2.5	Pass
				-10	3.92	0.531	0.0008	-2.5 to 2.5	Pass
				0	3.92	1.102	0.0017	-2.5 to 2.5	Pass
				10	3.92	0.580	0.0009	-2.5 to 2.5	Pass
				30	3.92	-0.331	-0.0005	-2.5 to 2.5	Pass
				40	3.92	1.055	0.0016	-2.5 to 2.5	Pass
				50	3.92	-1.163	-0.0017	-2.5 to 2.5	Pass
	680.5	25	0	20	3.6	2.097	0.0031	-2.5 to 2.5	Pass
					3.92	3.175	0.0047	-2.5 to 2.5	Pass
					4.53	1.323	0.0019	-2.5 to 2.5	Pass
				-30	3.92	1.391	0.0020	-2.5 to 2.5	Pass
				-20	3.92	0.918	0.0013	-2.5 to 2.5	Pass
				-10	3.92	0.892	0.0013	-2.5 to 2.5	Pass
				0	3.92	0.449	0.0007	-2.5 to 2.5	Pass
				10	3.92	0.177	0.0003	-2.5 to 2.5	Pass
				30	3.92	0.651	0.0010	-2.5 to 2.5	Pass
				40	3.92	-0.517	-0.0008	-2.5 to 2.5	Pass
				50	3.92	0.427	0.0006	-2.5 to 2.5	Pass
	695.5	25	0	20	3.6	0.350	0.0005	-2.5 to 2.5	Pass
					3.92	1.528	0.0022	-2.5 to 2.5	Pass
					4.53	0.743	0.0011	-2.5 to 2.5	Pass
				-30	3.92	-0.010	0.0000	-2.5 to 2.5	Pass
				-20	3.92	0.519	0.0007	-2.5 to 2.5	Pass
				-10	3.92	-0.439	-0.0006	-2.5 to 2.5	Pass
				0	3.92	0.209	0.0003	-2.5 to 2.5	Pass
				10	3.92	-0.662	-0.0010	-2.5 to 2.5	Pass
				30	3.92	-0.235	-0.0003	-2.5 to 2.5	Pass
				40	3.92	-0.965	-0.0014	-2.5 to 2.5	Pass
16QAM	665.5	25	0	20	3.6	-0.530	-0.0008	-2.5 to 2.5	Pass
					3.92	0.373	0.0006	-2.5 to 2.5	Pass
					4.53	-1.466	-0.0022	-2.5 to 2.5	Pass
				-30	3.92	-0.375	-0.0006	-2.5 to 2.5	Pass
				-20	3.92	0.129	0.0002	-2.5 to 2.5	Pass
				-10	3.92	0.479	0.0007	-2.5 to 2.5	Pass
				0	3.92	-0.452	-0.0007	-2.5 to 2.5	Pass
				10	3.92	0.412	0.0006	-2.5 to 2.5	Pass
				30	3.92	-0.789	-0.0012	-2.5 to 2.5	Pass
				40	3.92	-0.638	-0.0010	-2.5 to 2.5	Pass
				50	3.92	1.525	0.0023	-2.5 to 2.5	Pass
	680.5	25	0	20	3.6	-0.394	-0.0006	-2.5 to 2.5	Pass
					3.92	-0.598	-0.0009	-2.5 to 2.5	Pass
					4.53	0.067	0.0001	-2.5 to 2.5	Pass
				-30	3.92	0.287	0.0004	-2.5 to 2.5	Pass
				-20	3.92	-0.013	0.0000	-2.5 to 2.5	Pass

				-10	3.92	-0.810	-0.0012	-2.5 to 2.5	Pass
				0	3.92	-0.654	-0.0010	-2.5 to 2.5	Pass
				10	3.92	-0.347	-0.0005	-2.5 to 2.5	Pass
				30	3.92	-0.555	-0.0008	-2.5 to 2.5	Pass
				40	3.92	0.163	0.0002	-2.5 to 2.5	Pass
				50	3.92	-0.439	-0.0006	-2.5 to 2.5	Pass
	695.5	25	0	20	3.6	0.470	0.0007	-2.5 to 2.5	Pass
					3.92	1.036	0.0015	-2.5 to 2.5	Pass
					4.53	0.871	0.0013	-2.5 to 2.5	Pass
				-30	3.92	-0.316	-0.0005	-2.5 to 2.5	Pass
				-20	3.92	0.116	0.0002	-2.5 to 2.5	Pass
				-10	3.92	0.026	0.0000	-2.5 to 2.5	Pass
				0	3.92	-0.013	0.0000	-2.5 to 2.5	Pass
				10	3.92	-0.026	0.0000	-2.5 to 2.5	Pass
				30	3.92	-0.287	-0.0004	-2.5 to 2.5	Pass
				40	3.92	0.121	0.0002	-2.5 to 2.5	Pass
64QAM	665.5	25	0	20	3.6	0.205	0.0003	-2.5 to 2.5	Pass
					3.92	0.176	0.0003	-2.5 to 2.5	Pass
					4.53	-0.870	-0.0013	-2.5 to 2.5	Pass
				-30	3.92	-0.269	-0.0004	-2.5 to 2.5	Pass
				-20	3.92	0.050	0.0001	-2.5 to 2.5	Pass
				-10	3.92	-0.330	-0.0005	-2.5 to 2.5	Pass
				0	3.92	-1.026	-0.0015	-2.5 to 2.5	Pass
				10	3.92	-0.243	-0.0004	-2.5 to 2.5	Pass
				30	3.92	-0.014	0.0000	-2.5 to 2.5	Pass
				40	3.92	-1.006	-0.0015	-2.5 to 2.5	Pass
	680.5	25	0	20	3.6	-1.109	-0.0016	-2.5 to 2.5	Pass
					3.92	-1.140	-0.0017	-2.5 to 2.5	Pass
					4.53	-0.361	-0.0005	-2.5 to 2.5	Pass
				-30	3.92	-0.795	-0.0012	-2.5 to 2.5	Pass
				-20	3.92	0.501	0.0007	-2.5 to 2.5	Pass
				-10	3.92	-1.160	-0.0017	-2.5 to 2.5	Pass
				0	3.92	-0.285	-0.0004	-2.5 to 2.5	Pass
				10	3.92	-0.059	-0.0001	-2.5 to 2.5	Pass
				30	3.92	-0.051	-0.0001	-2.5 to 2.5	Pass
				40	3.92	0.881	0.0013	-2.5 to 2.5	Pass
	695.5	25	0	20	3.6	-0.607	-0.0009	-2.5 to 2.5	Pass
					3.92	-0.632	-0.0009	-2.5 to 2.5	Pass
					4.53	-0.362	-0.0005	-2.5 to 2.5	Pass
				-30	3.92	-0.761	-0.0011	-2.5 to 2.5	Pass
				-20	3.92	-0.686	-0.0010	-2.5 to 2.5	Pass
				-10	3.92	0.177	0.0003	-2.5 to 2.5	Pass
				0	3.92	0.410	0.0006	-2.5 to 2.5	Pass
				10	3.92	-0.338	-0.0005	-2.5 to 2.5	Pass
				30	3.92	0.157	0.0002	-2.5 to 2.5	Pass
				40	3.92	0.079	0.0001	-2.5 to 2.5	Pass
				50	3.92	-0.136	-0.0002	-2.5 to 2.5	Pass

2.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	668	50	0	20	3.6	1.416	0.0021	-2.5 to 2.5	Pass

					3.92	0.566	0.0008	-2.5 to 2.5	Pass
					4.53	-0.124	-0.0002	-2.5 to 2.5	Pass
				-30	3.92	0.904	0.0014	-2.5 to 2.5	Pass
				-20	3.92	1.061	0.0016	-2.5 to 2.5	Pass
				-10	3.92	0.033	0.0000	-2.5 to 2.5	Pass
				0	3.92	-1.764	-0.0026	-2.5 to 2.5	Pass
				10	3.92	-0.618	-0.0009	-2.5 to 2.5	Pass
				30	3.92	0.189	0.0003	-2.5 to 2.5	Pass
				40	3.92	-0.369	-0.0006	-2.5 to 2.5	Pass
				50	3.92	-0.964	-0.0014	-2.5 to 2.5	Pass
	680.5	50	0	20	3.6	-1.311	-0.0019	-2.5 to 2.5	Pass
					3.92	-0.598	-0.0009	-2.5 to 2.5	Pass
					4.53	-0.039	-0.0001	-2.5 to 2.5	Pass
				-30	3.92	-0.272	-0.0004	-2.5 to 2.5	Pass
				-20	3.92	-0.093	-0.0001	-2.5 to 2.5	Pass
				-10	3.92	-1.051	-0.0015	-2.5 to 2.5	Pass
				0	3.92	-0.539	-0.0008	-2.5 to 2.5	Pass
				10	3.92	-0.423	-0.0006	-2.5 to 2.5	Pass
				30	3.92	0.278	0.0004	-2.5 to 2.5	Pass
				40	3.92	0.093	0.0001	-2.5 to 2.5	Pass
				50	3.92	-0.116	-0.0002	-2.5 to 2.5	Pass
	693	50	0	20	3.6	0.026	0.0000	-2.5 to 2.5	Pass
					3.92	-0.221	-0.0003	-2.5 to 2.5	Pass
					4.53	-0.258	-0.0004	-2.5 to 2.5	Pass
				-30	3.92	-1.317	-0.0019	-2.5 to 2.5	Pass
				-20	3.92	-0.842	-0.0012	-2.5 to 2.5	Pass
				-10	3.92	-1.847	-0.0027	-2.5 to 2.5	Pass
				0	3.92	-1.545	-0.0022	-2.5 to 2.5	Pass
				10	3.92	-1.233	-0.0018	-2.5 to 2.5	Pass
				30	3.92	-0.291	-0.0004	-2.5 to 2.5	Pass
				40	3.92	-0.812	-0.0012	-2.5 to 2.5	Pass
				50	3.92	-1.030	-0.0015	-2.5 to 2.5	Pass
16QAM	668	50	0	20	3.6	0.692	0.0010	-2.5 to 2.5	Pass
					3.92	0.644	0.0010	-2.5 to 2.5	Pass
					4.53	0.236	0.0004	-2.5 to 2.5	Pass
				-30	3.92	0.025	0.0000	-2.5 to 2.5	Pass
				-20	3.92	0.772	0.0012	-2.5 to 2.5	Pass
				-10	3.92	0.033	0.0000	-2.5 to 2.5	Pass
				0	3.92	-0.114	-0.0002	-2.5 to 2.5	Pass
				10	3.92	0.156	0.0002	-2.5 to 2.5	Pass
				30	3.92	-0.682	-0.0010	-2.5 to 2.5	Pass
				40	3.92	-1.126	-0.0017	-2.5 to 2.5	Pass
				50	3.92	0.045	0.0001	-2.5 to 2.5	Pass
	680.5	50	0	20	3.6	0.709	0.0010	-2.5 to 2.5	Pass
					3.92	-0.375	-0.0006	-2.5 to 2.5	Pass
					4.53	0.036	0.0001	-2.5 to 2.5	Pass
				-30	3.92	-0.158	-0.0002	-2.5 to 2.5	Pass
				-20	3.92	-0.338	-0.0005	-2.5 to 2.5	Pass
				-10	3.92	-0.438	-0.0006	-2.5 to 2.5	Pass
				0	3.92	0.553	0.0008	-2.5 to 2.5	Pass
				10	3.92	-0.597	-0.0009	-2.5 to 2.5	Pass
				30	3.92	-0.702	-0.0010	-2.5 to 2.5	Pass
				40	3.92	0.032	0.0000	-2.5 to 2.5	Pass
				50	3.92	-0.788	-0.0012	-2.5 to 2.5	Pass
	693	50	0	20	3.6	-1.021	-0.0015	-2.5 to 2.5	Pass
					3.92	-0.439	-0.0006	-2.5 to 2.5	Pass
					4.53	0.221	0.0003	-2.5 to 2.5	Pass
				-30	3.92	-0.442	-0.0006	-2.5 to 2.5	Pass
				-20	3.92	-1.348	-0.0019	-2.5 to 2.5	Pass

				-10	3.92	-1.649	-0.0024	-2.5 to 2.5	Pass
				0	3.92	-0.675	-0.0010	-2.5 to 2.5	Pass
				10	3.92	-0.728	-0.0011	-2.5 to 2.5	Pass
				30	3.92	-1.300	-0.0019	-2.5 to 2.5	Pass
				40	3.92	-1.564	-0.0023	-2.5 to 2.5	Pass
				50	3.92	0.104	0.0002	-2.5 to 2.5	Pass
64QAM	668	50	0	20	3.6	-0.502	-0.0008	-2.5 to 2.5	Pass
					3.92	-0.957	-0.0014	-2.5 to 2.5	Pass
					4.53	-0.064	-0.0001	-2.5 to 2.5	Pass
				-30	3.92	1.258	0.0019	-2.5 to 2.5	Pass
				-20	3.92	0.847	0.0013	-2.5 to 2.5	Pass
				-10	3.92	-0.030	0.0000	-2.5 to 2.5	Pass
				0	3.92	-0.508	-0.0008	-2.5 to 2.5	Pass
				10	3.92	-0.483	-0.0007	-2.5 to 2.5	Pass
				30	3.92	-1.070	-0.0016	-2.5 to 2.5	Pass
				40	3.92	-0.121	-0.0002	-2.5 to 2.5	Pass
				50	3.92	-1.115	-0.0017	-2.5 to 2.5	Pass
				680.5	50	0	20	3.6	0.072
	3.92	-0.293	-0.0004					-2.5 to 2.5	Pass
	4.53	-0.883	-0.0013					-2.5 to 2.5	Pass
	-30	3.92	-1.553				-0.0023	-2.5 to 2.5	Pass
	-20	3.92	-0.965				-0.0014	-2.5 to 2.5	Pass
	-10	3.92	-0.942				-0.0014	-2.5 to 2.5	Pass
	0	3.92	-1.350				-0.0020	-2.5 to 2.5	Pass
	10	3.92	0.304				0.0004	-2.5 to 2.5	Pass
	30	3.92	0.334				0.0005	-2.5 to 2.5	Pass
	40	3.92	-0.057				-0.0001	-2.5 to 2.5	Pass
	50	3.92	0.184				0.0003	-2.5 to 2.5	Pass
	693	50	0				20	3.6	-0.103
				3.92	-0.282	-0.0004		-2.5 to 2.5	Pass
				4.53	0.581	0.0008		-2.5 to 2.5	Pass
				-30	3.92	0.217	0.0003	-2.5 to 2.5	Pass
				-20	3.92	-0.608	-0.0009	-2.5 to 2.5	Pass
				-10	3.92	-0.248	-0.0004	-2.5 to 2.5	Pass
				0	3.92	0.853	0.0012	-2.5 to 2.5	Pass
				10	3.92	-0.904	-0.0013	-2.5 to 2.5	Pass
				30	3.92	-1.009	-0.0015	-2.5 to 2.5	Pass
				40	3.92	-0.157	-0.0002	-2.5 to 2.5	Pass
				50	3.92	0.819	0.0012	-2.5 to 2.5	Pass

2.1.3 B71_15MHz

Band: 71 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	670.5	75	0	20	3.6	-0.397	-0.0006	-2.5 to 2.5	Pass
					3.92	-0.595	-0.0009	-2.5 to 2.5	Pass
					4.53	0.246	0.0004	-2.5 to 2.5	Pass
				-30	3.92	0.547	0.0008	-2.5 to 2.5	Pass
				-20	3.92	0.441	0.0007	-2.5 to 2.5	Pass
				-10	3.92	-0.214	-0.0003	-2.5 to 2.5	Pass
				0	3.92	0.367	0.0005	-2.5 to 2.5	Pass
				10	3.92	0.753	0.0011	-2.5 to 2.5	Pass
				30	3.92	0.593	0.0009	-2.5 to 2.5	Pass
				40	3.92	-0.010	0.0000	-2.5 to 2.5	Pass
				50	3.92	0.126	0.0002	-2.5 to 2.5	Pass
	680.5	75	0	20	3.6	-1.593	-0.0023	-2.5 to 2.5	Pass

					3.92	-1.969	-0.0029	-2.5 to 2.5	Pass
					4.53	-1.304	-0.0019	-2.5 to 2.5	Pass
				-30	3.92	-1.558	-0.0023	-2.5 to 2.5	Pass
				-20	3.92	-1.164	-0.0017	-2.5 to 2.5	Pass
				-10	3.92	-0.873	-0.0013	-2.5 to 2.5	Pass
				0	3.92	-0.037	-0.0001	-2.5 to 2.5	Pass
				10	3.92	-0.072	-0.0001	-2.5 to 2.5	Pass
				30	3.92	-1.116	-0.0016	-2.5 to 2.5	Pass
				40	3.92	-1.211	-0.0018	-2.5 to 2.5	Pass
				50	3.92	-0.396	-0.0006	-2.5 to 2.5	Pass
	690.5	75	0	20	3.6	-0.930	-0.0013	-2.5 to 2.5	Pass
					3.92	-1.120	-0.0016	-2.5 to 2.5	Pass
					4.53	-1.665	-0.0024	-2.5 to 2.5	Pass
				-30	3.92	-0.992	-0.0014	-2.5 to 2.5	Pass
				-20	3.92	-1.741	-0.0025	-2.5 to 2.5	Pass
				-10	3.92	-1.310	-0.0019	-2.5 to 2.5	Pass
				0	3.92	0.067	0.0001	-2.5 to 2.5	Pass
				10	3.92	-1.488	-0.0022	-2.5 to 2.5	Pass
				30	3.92	-1.839	-0.0027	-2.5 to 2.5	Pass
				40	3.92	-0.631	-0.0009	-2.5 to 2.5	Pass
16QAM	670.5	75	0	20	3.6	-0.587	-0.0009	-2.5 to 2.5	Pass
					3.92	-0.288	-0.0004	-2.5 to 2.5	Pass
					4.53	-0.078	-0.0001	-2.5 to 2.5	Pass
				-30	3.92	-0.300	-0.0004	-2.5 to 2.5	Pass
				-20	3.92	-0.692	-0.0010	-2.5 to 2.5	Pass
				-10	3.92	-0.269	-0.0004	-2.5 to 2.5	Pass
				0	3.92	0.528	0.0008	-2.5 to 2.5	Pass
				10	3.92	-0.909	-0.0014	-2.5 to 2.5	Pass
				30	3.92	0.052	0.0001	-2.5 to 2.5	Pass
				40	3.92	0.015	0.0000	-2.5 to 2.5	Pass
	680.5	75	0	20	3.6	-0.808	-0.0012	-2.5 to 2.5	Pass
					3.92	-0.629	-0.0009	-2.5 to 2.5	Pass
					4.53	-1.929	-0.0028	-2.5 to 2.5	Pass
				-30	3.92	-0.247	-0.0004	-2.5 to 2.5	Pass
				-20	3.92	-0.748	-0.0011	-2.5 to 2.5	Pass
				-10	3.92	0.640	0.0009	-2.5 to 2.5	Pass
				0	3.92	-1.045	-0.0015	-2.5 to 2.5	Pass
				10	3.92	-1.528	-0.0022	-2.5 to 2.5	Pass
				30	3.92	-0.650	-0.0010	-2.5 to 2.5	Pass
				40	3.92	-0.959	-0.0014	-2.5 to 2.5	Pass
	690.5	75	0	20	3.6	-1.264	-0.0018	-2.5 to 2.5	Pass
					3.92	-0.993	-0.0014	-2.5 to 2.5	Pass
					4.53	-2.051	-0.0030	-2.5 to 2.5	Pass
				-30	3.92	-0.539	-0.0008	-2.5 to 2.5	Pass
				-20	3.92	-0.629	-0.0009	-2.5 to 2.5	Pass
				-10	3.92	-0.383	-0.0006	-2.5 to 2.5	Pass
				0	3.92	-1.003	-0.0015	-2.5 to 2.5	Pass
				10	3.92	-0.933	-0.0014	-2.5 to 2.5	Pass
				30	3.92	-1.005	-0.0015	-2.5 to 2.5	Pass
				40	3.92	-0.970	-0.0014	-2.5 to 2.5	Pass
64QAM	670.5	75	0	20	3.92	-0.438	-0.0006	-2.5 to 2.5	Pass
					3.6	0.119	0.0002	-2.5 to 2.5	Pass
					4.53	-0.462	-0.0007	-2.5 to 2.5	Pass
				-30	3.92	0.428	0.0006	-2.5 to 2.5	Pass
				-20	3.92	-0.594	-0.0009	-2.5 to 2.5	Pass

				-10	3.92	-0.878	-0.0013	-2.5 to 2.5	Pass
				0	3.92	-0.349	-0.0005	-2.5 to 2.5	Pass
				10	3.92	-0.221	-0.0003	-2.5 to 2.5	Pass
				30	3.92	-1.231	-0.0018	-2.5 to 2.5	Pass
				40	3.92	0.032	0.0000	-2.5 to 2.5	Pass
				50	3.92	-0.761	-0.0011	-2.5 to 2.5	Pass
	680.5	75	0	20	3.6	-0.437	-0.0006	-2.5 to 2.5	Pass
					3.92	0.124	0.0002	-2.5 to 2.5	Pass
					4.53	0.261	0.0004	-2.5 to 2.5	Pass
				-30	3.92	-0.153	-0.0002	-2.5 to 2.5	Pass
				-20	3.92	-1.533	-0.0023	-2.5 to 2.5	Pass
				-10	3.92	-0.056	-0.0001	-2.5 to 2.5	Pass
				0	3.92	0.504	0.0007	-2.5 to 2.5	Pass
				10	3.92	-0.398	-0.0006	-2.5 to 2.5	Pass
				30	3.92	-0.309	-0.0005	-2.5 to 2.5	Pass
				40	3.92	-0.533	-0.0008	-2.5 to 2.5	Pass
				50	3.92	0.468	0.0007	-2.5 to 2.5	Pass
	690.5	75	0	20	3.6	-1.052	-0.0015	-2.5 to 2.5	Pass
					3.92	-1.712	-0.0025	-2.5 to 2.5	Pass
					4.53	0.300	0.0004	-2.5 to 2.5	Pass
				-30	3.92	-1.629	-0.0024	-2.5 to 2.5	Pass
				-20	3.92	-1.567	-0.0023	-2.5 to 2.5	Pass
				-10	3.92	-0.177	-0.0003	-2.5 to 2.5	Pass
				0	3.92	-0.685	-0.0010	-2.5 to 2.5	Pass
				10	3.92	-0.597	-0.0009	-2.5 to 2.5	Pass
				30	3.92	-1.515	-0.0022	-2.5 to 2.5	Pass
				40	3.92	-1.280	-0.0019	-2.5 to 2.5	Pass
				50	3.92	0.396	0.0006	-2.5 to 2.5	Pass

2.1.4 B71_20MHz

Band: 71 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	673	100	0	20	3.6	-0.623	-0.0009	-2.5 to 2.5	Pass
					3.92	-0.374	-0.0006	-2.5 to 2.5	Pass
					4.53	0.081	0.0001	-2.5 to 2.5	Pass
				-30	3.92	-0.666	-0.0010	-2.5 to 2.5	Pass
				-20	3.92	0.099	0.0001	-2.5 to 2.5	Pass
				-10	3.92	-0.837	-0.0012	-2.5 to 2.5	Pass
				0	3.92	0.207	0.0003	-2.5 to 2.5	Pass
				10	3.92	1.054	0.0016	-2.5 to 2.5	Pass
				30	3.92	-0.732	-0.0011	-2.5 to 2.5	Pass
				40	3.92	0.222	0.0003	-2.5 to 2.5	Pass
				50	3.92	-0.818	-0.0012	-2.5 to 2.5	Pass
	683	100	0	20	3.6	-0.582	-0.0009	-2.5 to 2.5	Pass
					3.92	-0.722	-0.0011	-2.5 to 2.5	Pass
					4.53	0.392	0.0006	-2.5 to 2.5	Pass
				-30	3.92	-1.081	-0.0016	-2.5 to 2.5	Pass
				-20	3.92	-0.965	-0.0014	-2.5 to 2.5	Pass
				-10	3.92	-0.181	-0.0003	-2.5 to 2.5	Pass
				0	3.92	0.807	0.0012	-2.5 to 2.5	Pass
				10	3.92	0.096	0.0001	-2.5 to 2.5	Pass
				30	3.92	-0.458	-0.0007	-2.5 to 2.5	Pass
				40	3.92	0.405	0.0006	-2.5 to 2.5	Pass
				50	3.92	-0.310	-0.0005	-2.5 to 2.5	Pass
	688	100	0	20	3.6	-0.672	-0.0010	-2.5 to 2.5	Pass

					3.92	-0.300	-0.0004	-2.5 to 2.5	Pass
					4.53	-1.460	-0.0021	-2.5 to 2.5	Pass
				-30	3.92	-1.132	-0.0016	-2.5 to 2.5	Pass
				-20	3.92	-0.730	-0.0011	-2.5 to 2.5	Pass
				-10	3.92	-0.839	-0.0012	-2.5 to 2.5	Pass
				0	3.92	-0.186	-0.0003	-2.5 to 2.5	Pass
				10	3.92	-1.202	-0.0017	-2.5 to 2.5	Pass
				30	3.92	-0.567	-0.0008	-2.5 to 2.5	Pass
				40	3.92	-0.602	-0.0009	-2.5 to 2.5	Pass
				50	3.92	-1.097	-0.0016	-2.5 to 2.5	Pass
16QAM	673	100	0	20	3.6	0.370	0.0005	-2.5 to 2.5	Pass
					3.92	0.386	0.0006	-2.5 to 2.5	Pass
					4.53	0.877	0.0013	-2.5 to 2.5	Pass
				-30	3.92	-0.886	-0.0013	-2.5 to 2.5	Pass
				-20	3.92	0.618	0.0009	-2.5 to 2.5	Pass
				-10	3.92	-0.775	-0.0012	-2.5 to 2.5	Pass
				0	3.92	0.020	0.0000	-2.5 to 2.5	Pass
				10	3.92	-0.598	-0.0009	-2.5 to 2.5	Pass
				30	3.92	-0.450	-0.0007	-2.5 to 2.5	Pass
				40	3.92	0.621	0.0009	-2.5 to 2.5	Pass
				50	3.92	-0.157	-0.0002	-2.5 to 2.5	Pass
	683	100	0	20	3.6	-0.342	-0.0005	-2.5 to 2.5	Pass
					3.92	-0.181	-0.0003	-2.5 to 2.5	Pass
					4.53	-0.102	-0.0001	-2.5 to 2.5	Pass
				-30	3.92	-1.082	-0.0016	-2.5 to 2.5	Pass
				-20	3.92	-1.550	-0.0023	-2.5 to 2.5	Pass
				-10	3.92	-0.863	-0.0013	-2.5 to 2.5	Pass
				0	3.92	-0.227	-0.0003	-2.5 to 2.5	Pass
				10	3.92	-0.779	-0.0011	-2.5 to 2.5	Pass
				30	3.92	-0.923	-0.0014	-2.5 to 2.5	Pass
				40	3.92	0.449	0.0007	-2.5 to 2.5	Pass
				50	3.92	-0.018	0.0000	-2.5 to 2.5	Pass
	688	100	0	20	3.6	-0.115	-0.0002	-2.5 to 2.5	Pass
					3.92	-0.637	-0.0009	-2.5 to 2.5	Pass
					4.53	-2.028	-0.0029	-2.5 to 2.5	Pass
				-30	3.92	-1.198	-0.0017	-2.5 to 2.5	Pass
				-20	3.92	-0.823	-0.0012	-2.5 to 2.5	Pass
				-10	3.92	-0.203	-0.0003	-2.5 to 2.5	Pass
				0	3.92	-0.908	-0.0013	-2.5 to 2.5	Pass
				10	3.92	-1.299	-0.0019	-2.5 to 2.5	Pass
				30	3.92	-0.428	-0.0006	-2.5 to 2.5	Pass
				40	3.92	0.054	0.0001	-2.5 to 2.5	Pass
				50	3.92	-0.056	-0.0001	-2.5 to 2.5	Pass
64QAM	673	100	0	20	3.6	-0.043	-0.0001	-2.5 to 2.5	Pass
					3.92	-0.625	-0.0009	-2.5 to 2.5	Pass
					4.53	-0.265	-0.0004	-2.5 to 2.5	Pass
				-30	3.92	1.023	0.0015	-2.5 to 2.5	Pass
				-20	3.92	0.779	0.0012	-2.5 to 2.5	Pass
				-10	3.92	0.123	0.0002	-2.5 to 2.5	Pass
				0	3.92	-0.908	-0.0013	-2.5 to 2.5	Pass
				10	3.92	-0.258	-0.0004	-2.5 to 2.5	Pass
				30	3.92	0.262	0.0004	-2.5 to 2.5	Pass
				40	3.92	0.008	0.0000	-2.5 to 2.5	Pass
				50	3.92	0.510	0.0008	-2.5 to 2.5	Pass
	683	100	0	20	3.6	0.086	0.0001	-2.5 to 2.5	Pass
					3.92	0.015	0.0000	-2.5 to 2.5	Pass
					4.53	-0.014	0.0000	-2.5 to 2.5	Pass
				-30	3.92	-0.710	-0.0010	-2.5 to 2.5	Pass
				-20	3.92	-0.684	-0.0010	-2.5 to 2.5	Pass

				-10	3.92	-1.371	-0.0020	-2.5 to 2.5	Pass
				0	3.92	-0.870	-0.0013	-2.5 to 2.5	Pass
				10	3.92	-0.625	-0.0009	-2.5 to 2.5	Pass
				30	3.92	0.532	0.0008	-2.5 to 2.5	Pass
				40	3.92	0.108	0.0002	-2.5 to 2.5	Pass
				50	3.92	-0.688	-0.0010	-2.5 to 2.5	Pass
	688	100	0	20	3.6	-1.923	-0.0028	-2.5 to 2.5	Pass
					3.92	-0.319	-0.0005	-2.5 to 2.5	Pass
					4.53	-0.022	0.0000	-2.5 to 2.5	Pass
				-30	3.92	-0.970	-0.0014	-2.5 to 2.5	Pass
				-20	3.92	-0.488	-0.0007	-2.5 to 2.5	Pass
				-10	3.92	-0.406	-0.0006	-2.5 to 2.5	Pass
				0	3.92	-0.167	-0.0002	-2.5 to 2.5	Pass
				10	3.92	0.101	0.0001	-2.5 to 2.5	Pass
				30	3.92	-0.797	-0.0012	-2.5 to 2.5	Pass
				40	3.92	-0.383	-0.0006	-2.5 to 2.5	Pass
				50	3.92	0.038	0.0001	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band71_OBW

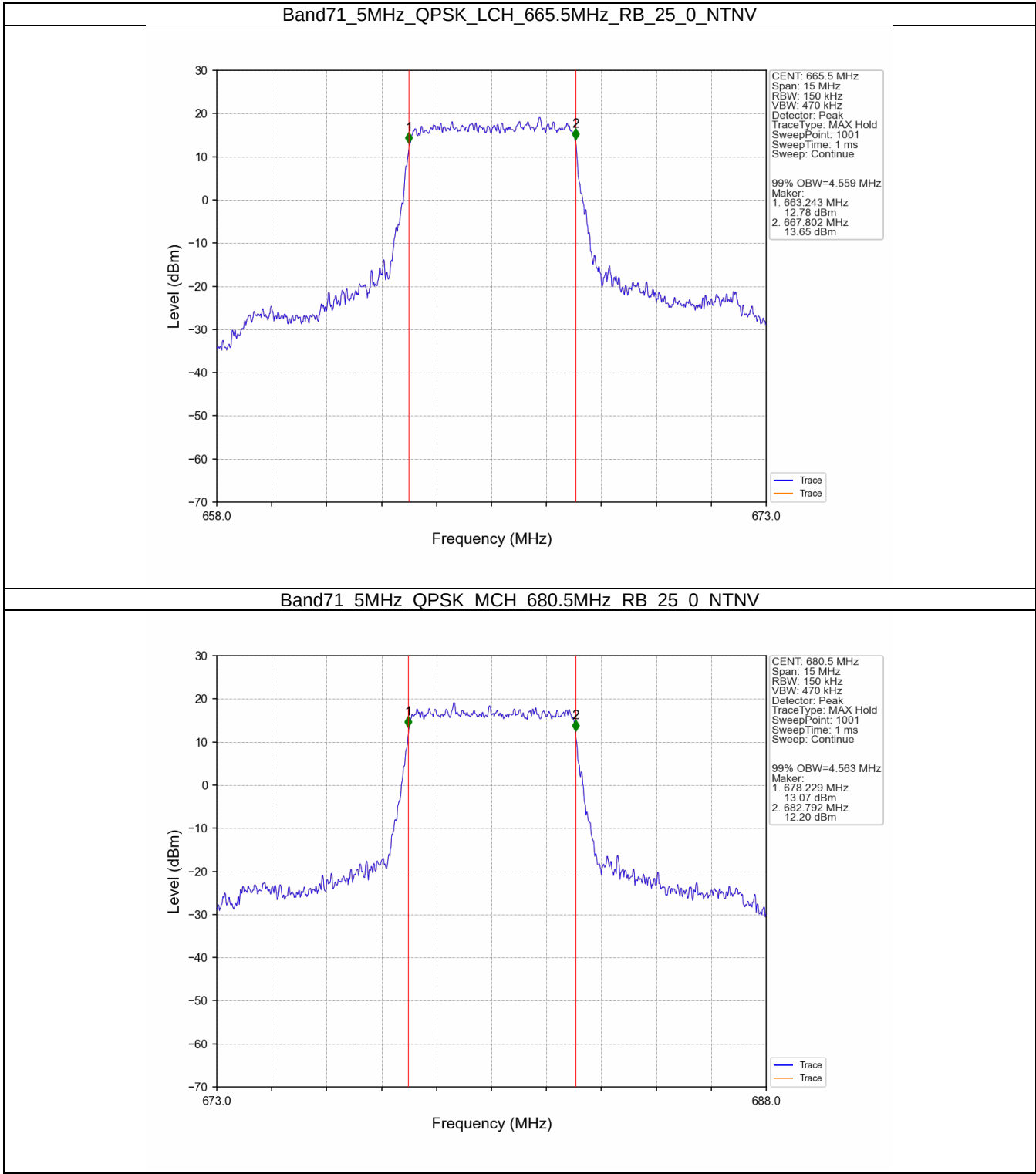
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	4.559	/	Pass
		680.5	25	0	4.563	/	Pass
		695.5	25	0	4.560	/	Pass
	16QAM	665.5	25	0	4.552	/	Pass
		680.5	25	0	4.576	/	Pass
		695.5	25	0	4.584	/	Pass
	64QAM	665.5	25	0	4.568	/	Pass
		680.5	25	0	4.563	/	Pass
		695.5	25	0	4.568	/	Pass
10	QPSK	668	50	0	9.042	/	Pass
		680.5	50	0	9.118	/	Pass
		693	50	0	9.061	/	Pass
	16QAM	668	50	0	9.046	/	Pass
		680.5	50	0	9.054	/	Pass
		693	50	0	9.046	/	Pass
	64QAM	668	50	0	9.043	/	Pass
		680.5	50	0	9.036	/	Pass
		693	50	0	9.063	/	Pass
15	QPSK	670.5	75	0	13.558	/	Pass
		680.5	75	0	13.555	/	Pass
		690.5	75	0	13.596	/	Pass
	16QAM	670.5	75	0	13.571	/	Pass
		680.5	75	0	13.587	/	Pass
		690.5	75	0	13.597	/	Pass
	64QAM	670.5	75	0	13.529	/	Pass
		680.5	75	0	13.586	/	Pass
		690.5	75	0	13.611	/	Pass
20	QPSK	673	100	0	18.031	/	Pass
		683	100	0	18.102	/	Pass
		688	100	0	18.045	/	Pass
	16QAM	673	100	0	18.077	/	Pass
		683	100	0	18.108	/	Pass
		688	100	0	18.121	/	Pass
	64QAM	673	100	0	18.059	/	Pass
		683	100	0	18.103	/	Pass
		688	100	0	18.087	/	Pass

3.1.2 Band71_XDB

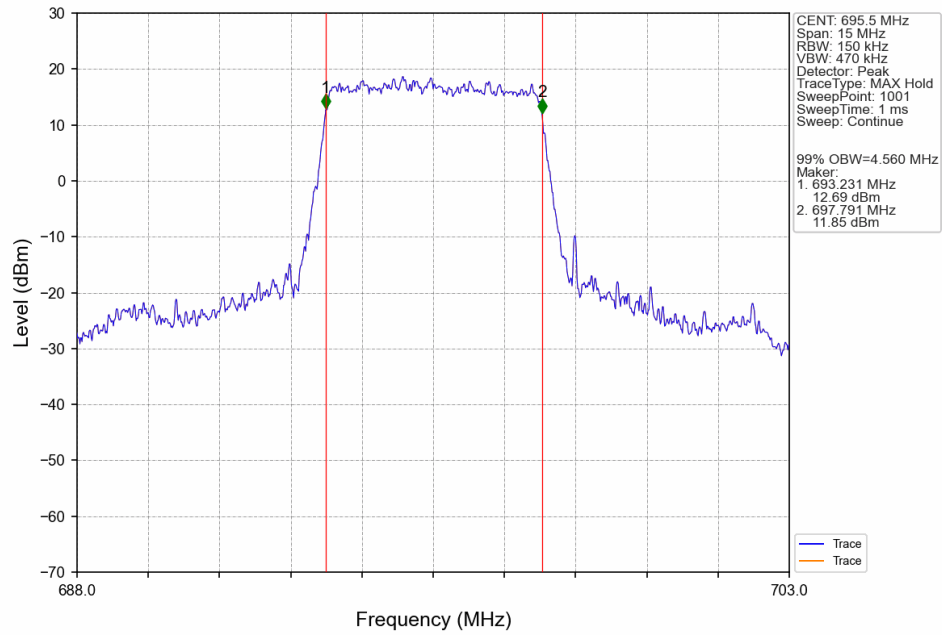
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	5.250	/	Pass
		680.5	25	0	5.198	/	Pass
		695.5	25	0	5.199	/	Pass
	16QAM	665.5	25	0	5.229	/	Pass
		680.5	25	0	5.279	/	Pass
		695.5	25	0	5.198	/	Pass
	64QAM	665.5	25	0	5.237	/	Pass
		680.5	25	0	5.270	/	Pass
		695.5	25	0	5.222	/	Pass
10	QPSK	668	50	0	10.176	/	Pass
		680.5	50	0	10.213	/	Pass
		693	50	0	10.176	/	Pass
	16QAM	668	50	0	10.210	/	Pass
		680.5	50	0	10.229	/	Pass
		693	50	0	10.088	/	Pass
	64QAM	668	50	0	10.192	/	Pass
		680.5	50	0	10.131	/	Pass
		693	50	0	10.275	/	Pass
15	QPSK	670.5	75	0	15.099	/	Pass
		680.5	75	0	15.278	/	Pass
		690.5	75	0	15.240	/	Pass
	16QAM	670.5	75	0	15.218	/	Pass
		680.5	75	0	15.168	/	Pass
		690.5	75	0	15.144	/	Pass
	64QAM	670.5	75	0	15.159	/	Pass
		680.5	75	0	15.086	/	Pass
		690.5	75	0	15.037	/	Pass
20	QPSK	673	100	0	19.987	/	Pass
		683	100	0	20.052	/	Pass
		688	100	0	20.170	/	Pass
	16QAM	673	100	0	19.952	/	Pass
		683	100	0	19.877	/	Pass
		688	100	0	20.008	/	Pass
	64QAM	673	100	0	19.983	/	Pass
		683	100	0	20.118	/	Pass
		688	100	0	20.165	/	Pass

3.2 Test Graph

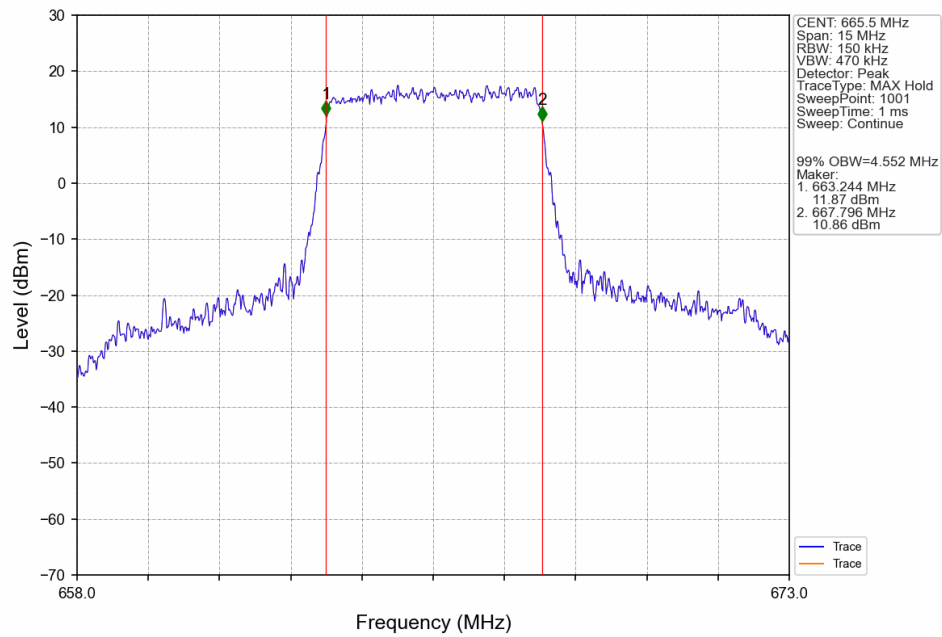
3.2.1 Band71_OBW



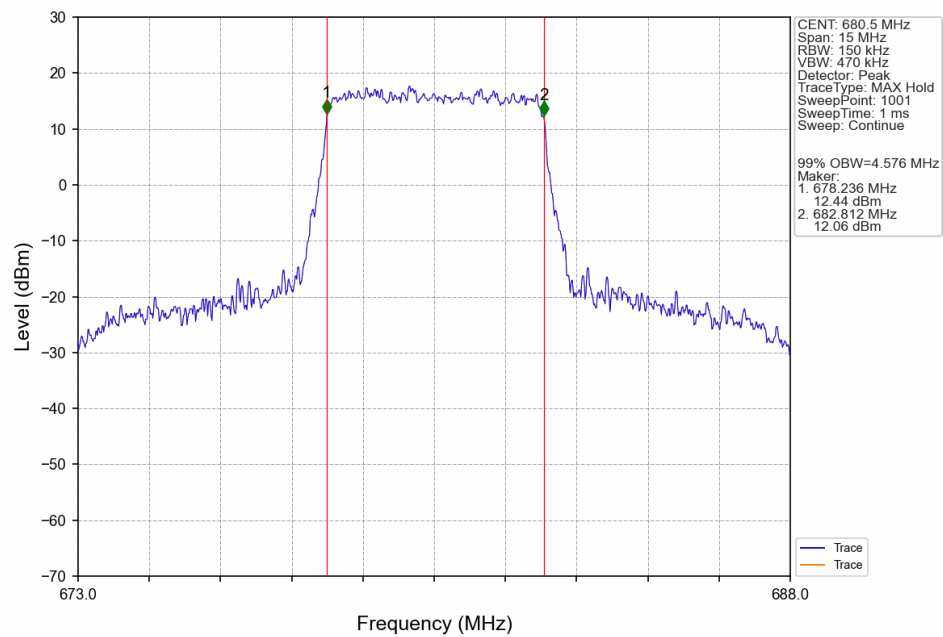
Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTNV



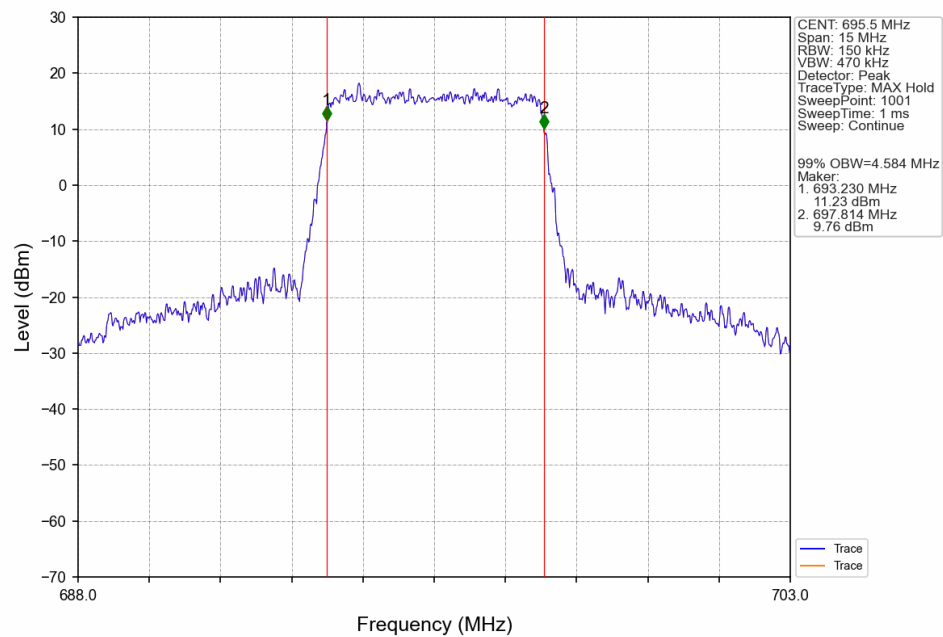
Band71 5MHz 16QAM LCH 665.5MHz RB 25 0 NTNV



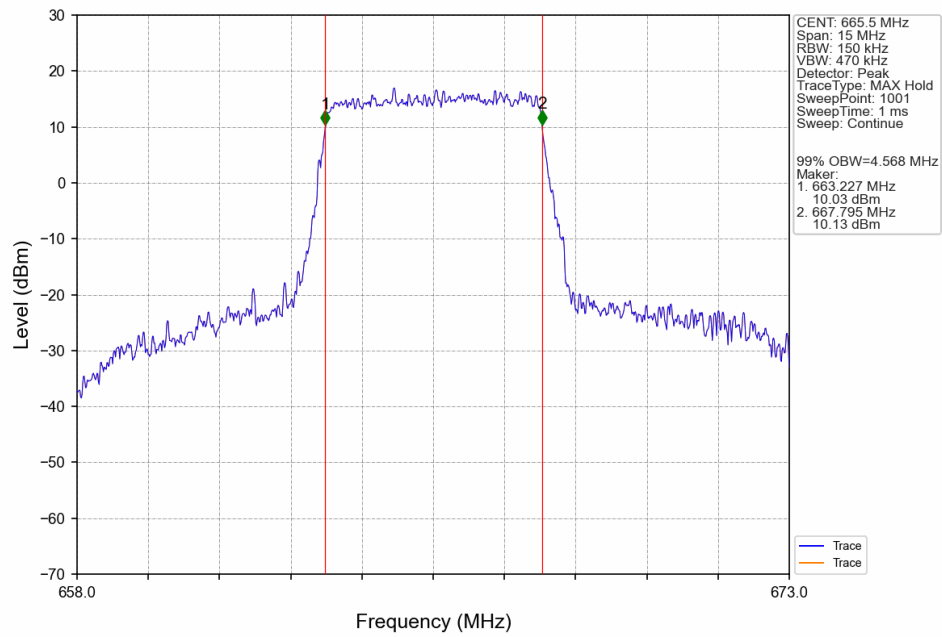
Band71 5MHz 16QAM MCH 680.5MHz RB 25 0 NTNV



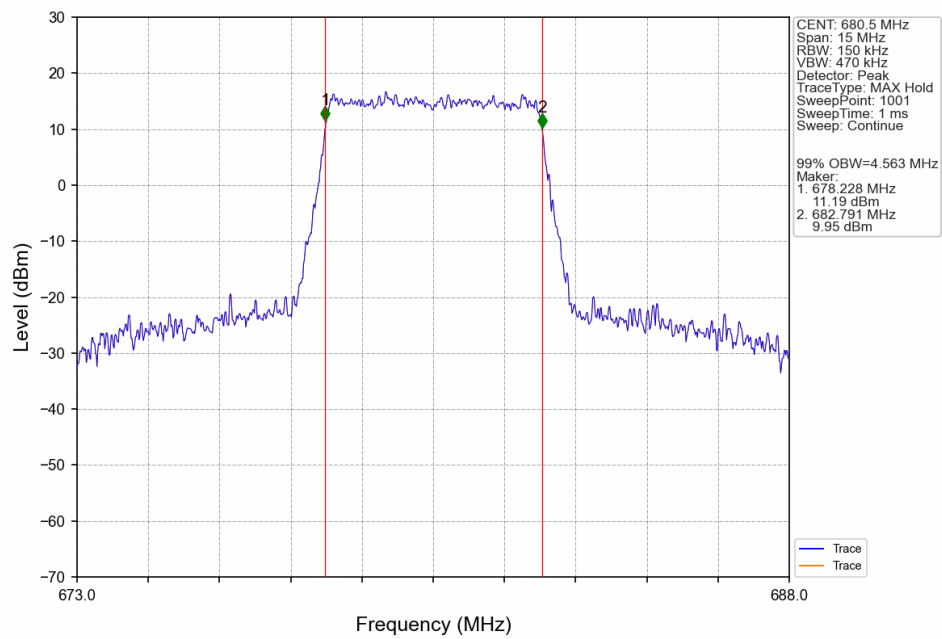
Band71 5MHz 16QAM HCH 695.5MHz RB 25 0 NTNV



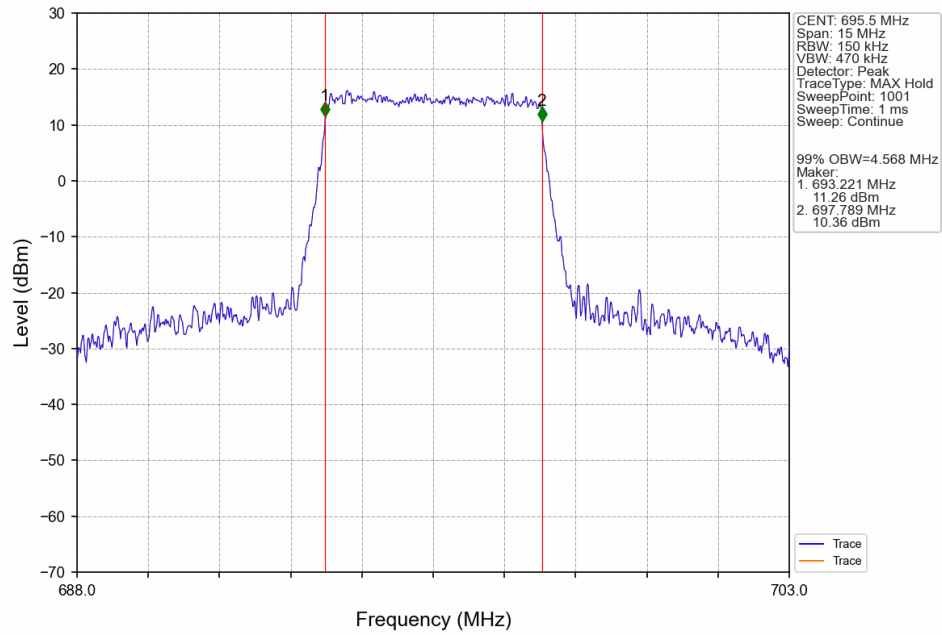
Band71_5MHz_64QAM_LCH_665.5MHz_RB_25_0_NTNV



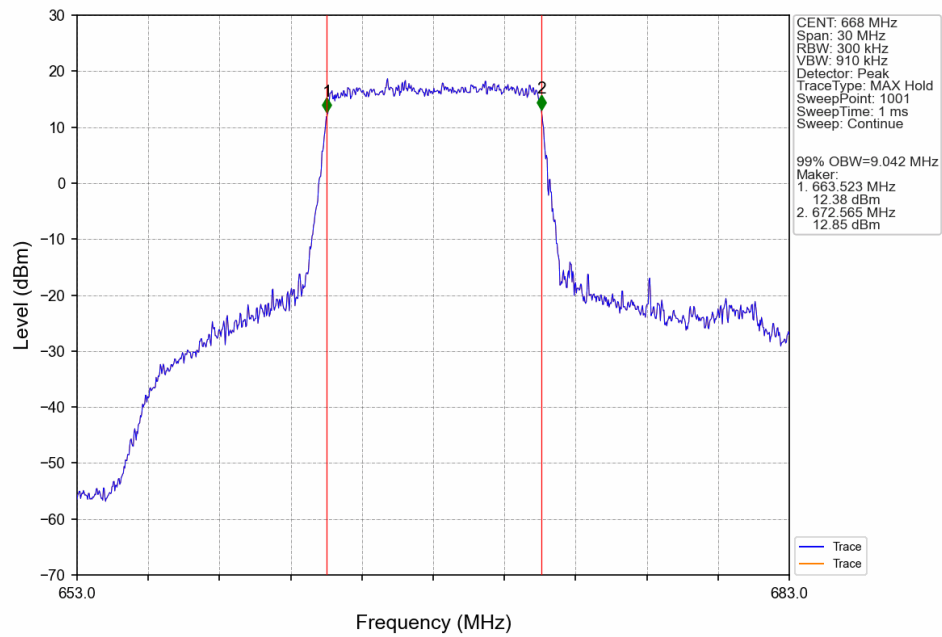
Band71_5MHz_64QAM_MCH_680.5MHz_RB_25_0_NTNV



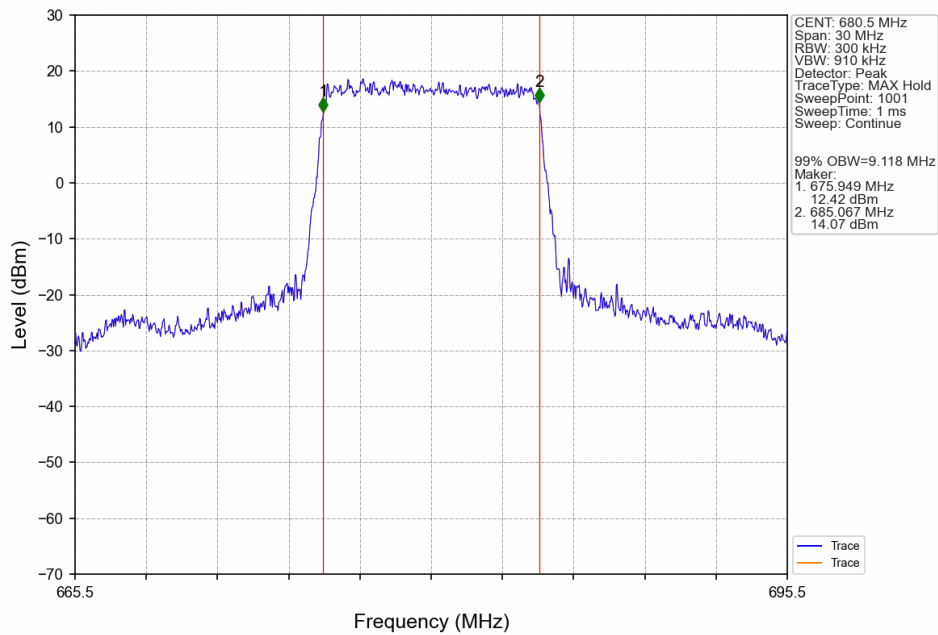
Band71 5MHz 64QAM HCH 695.5MHz RB 25 0 NTNV



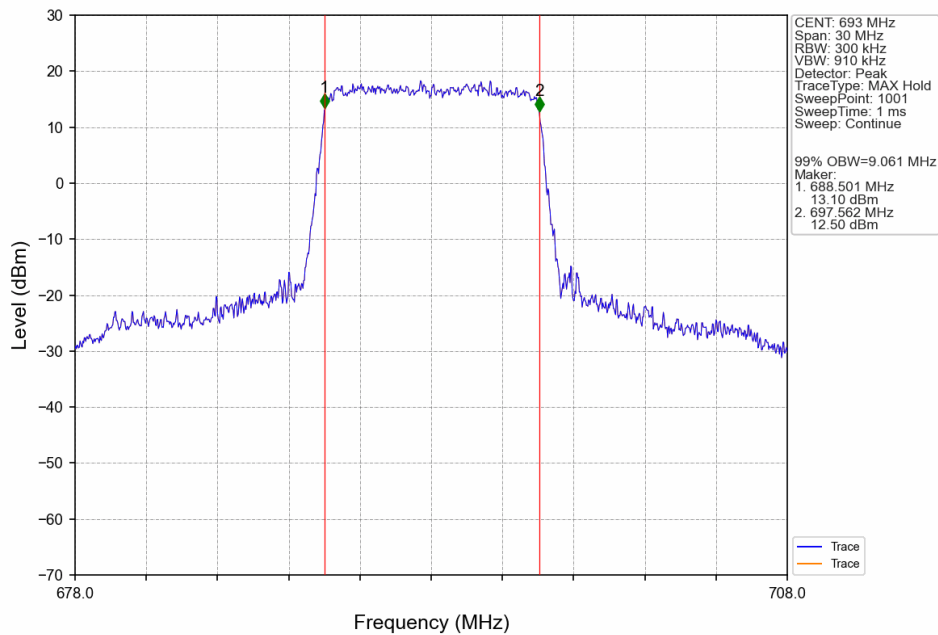
Band71 10MHz QPSK LCH 668MHz RB 50 0 NTNV



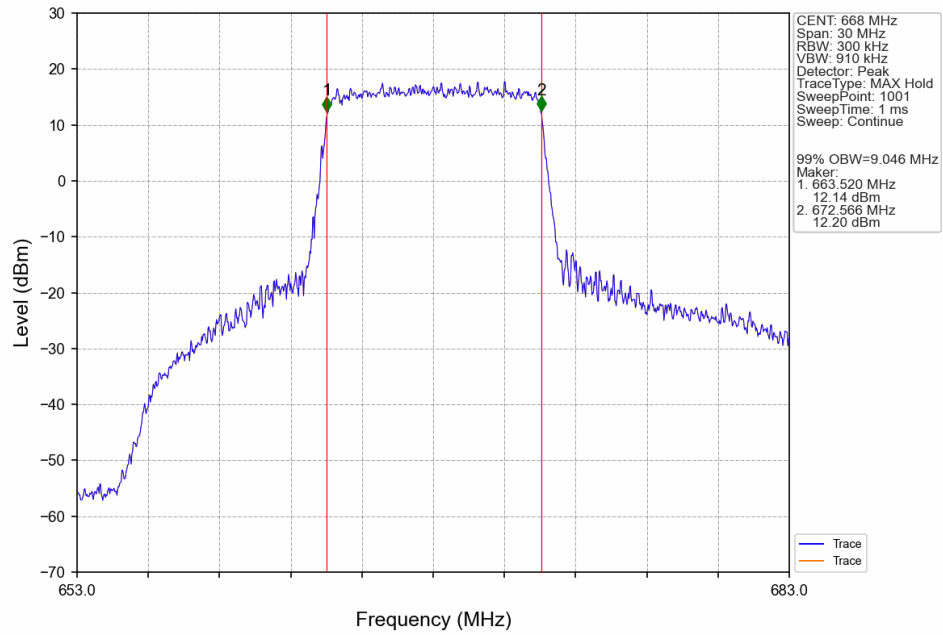
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



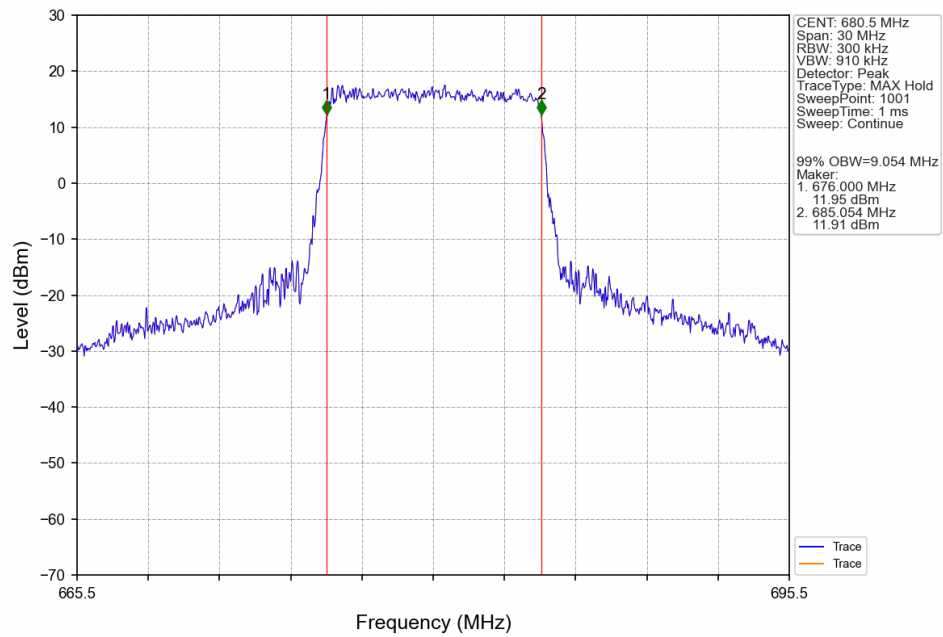
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



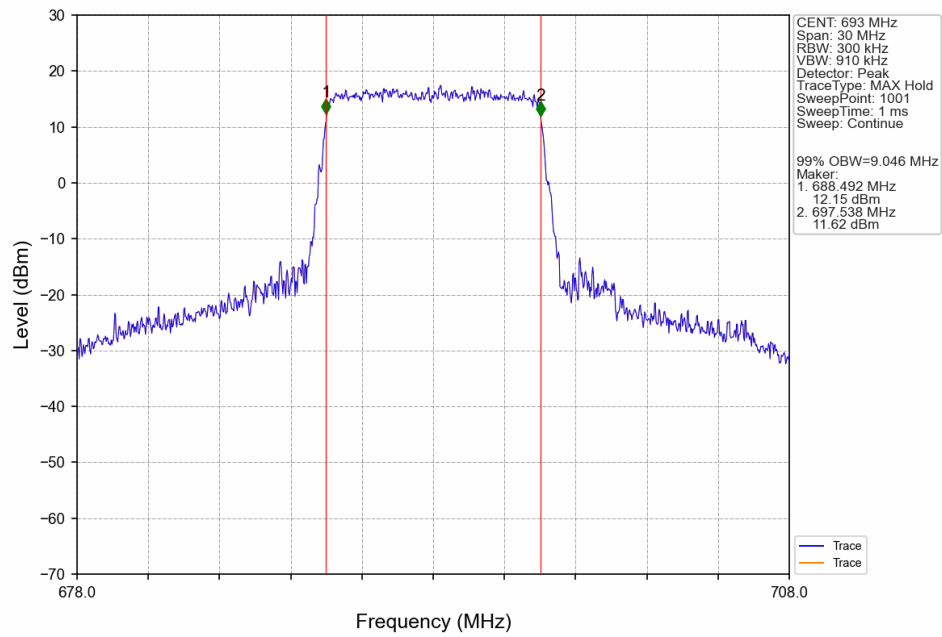
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



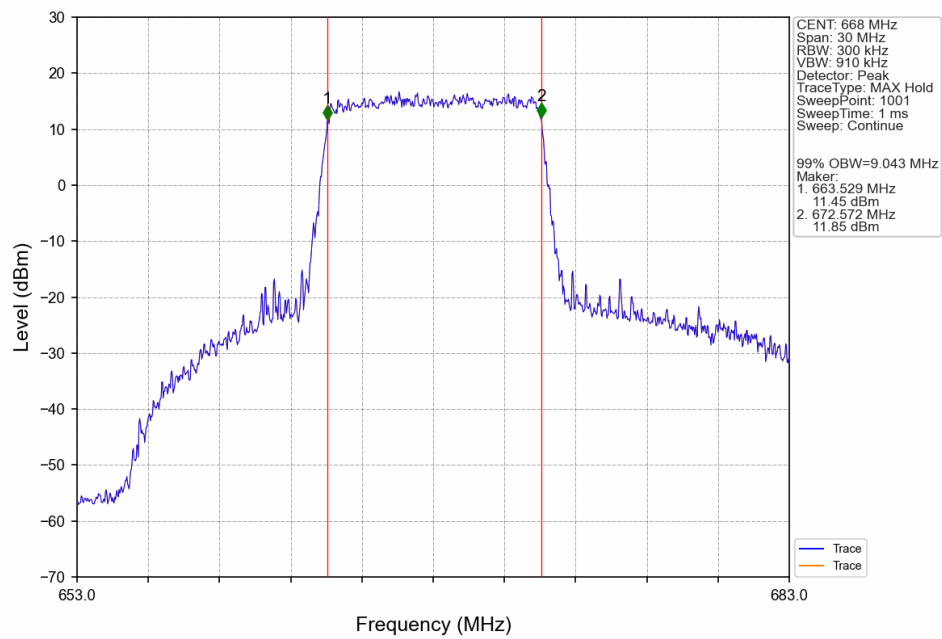
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



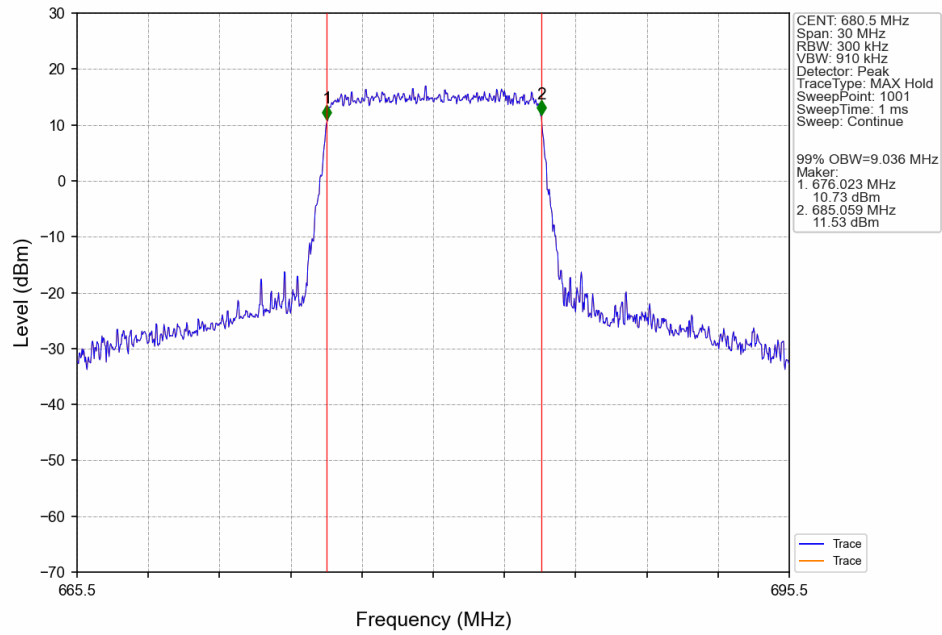
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



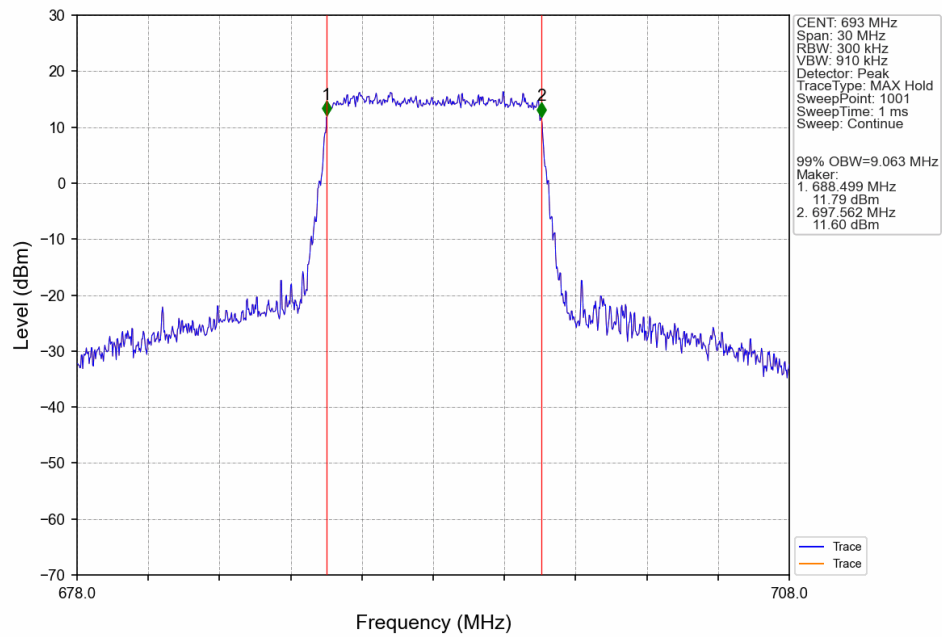
Band71_10MHz_64QAM_LCH_668MHz_RB_50_0_NTNV



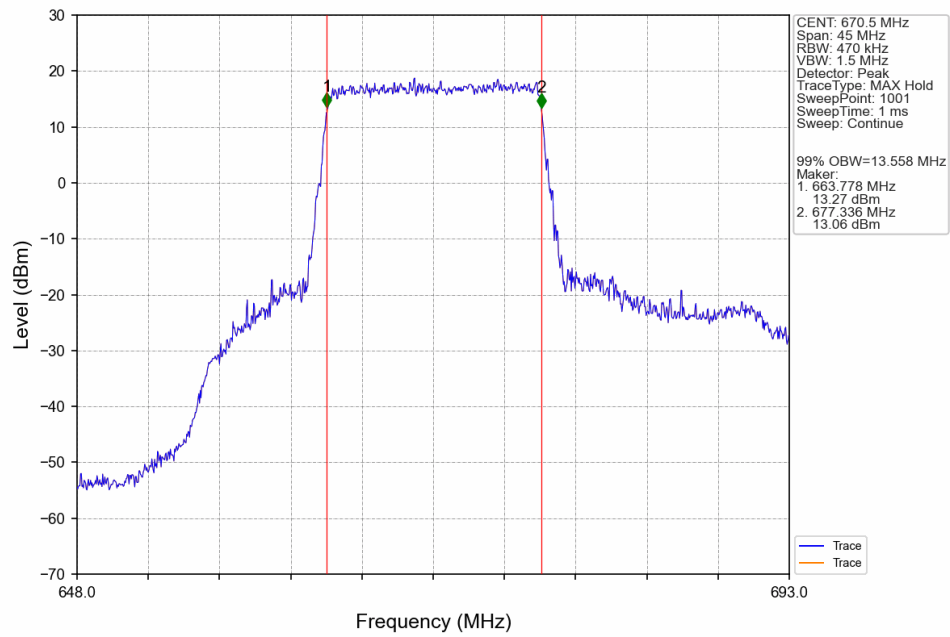
Band71 10MHz 64QAM MCH 680.5MHz RB 50 0 NTNV



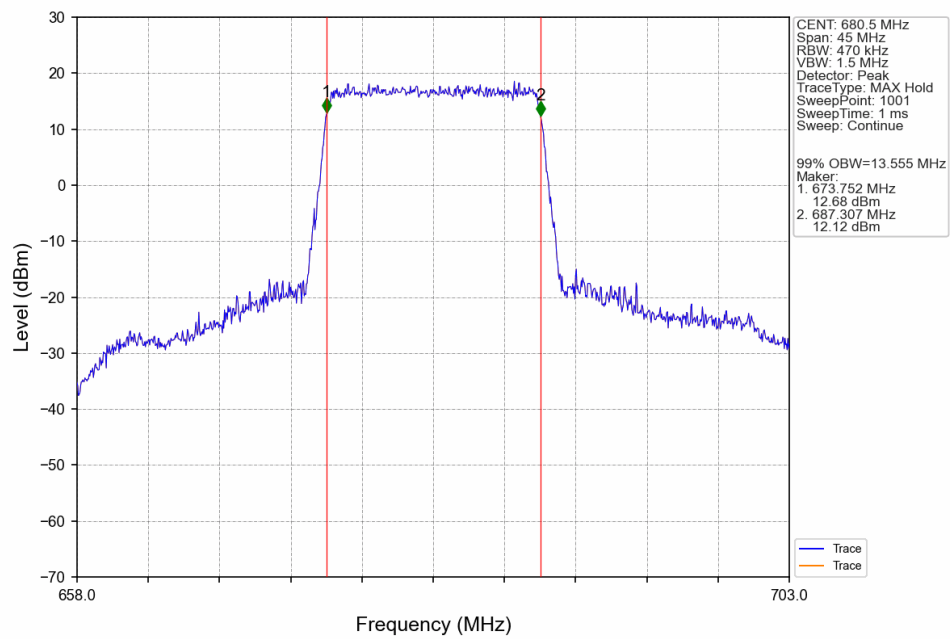
Band71 10MHz 64QAM HCH 693MHz RB 50 0 NTNV



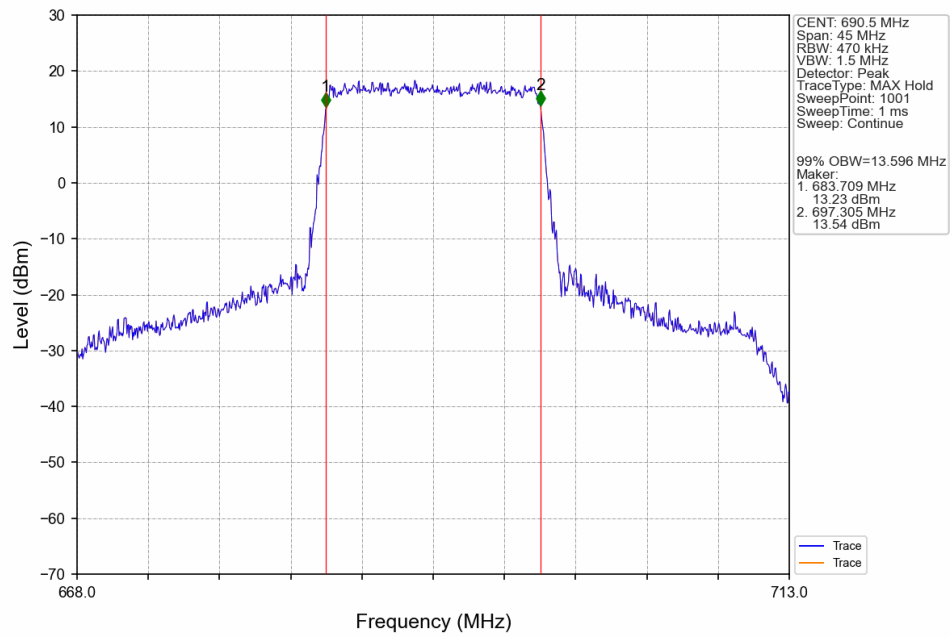
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



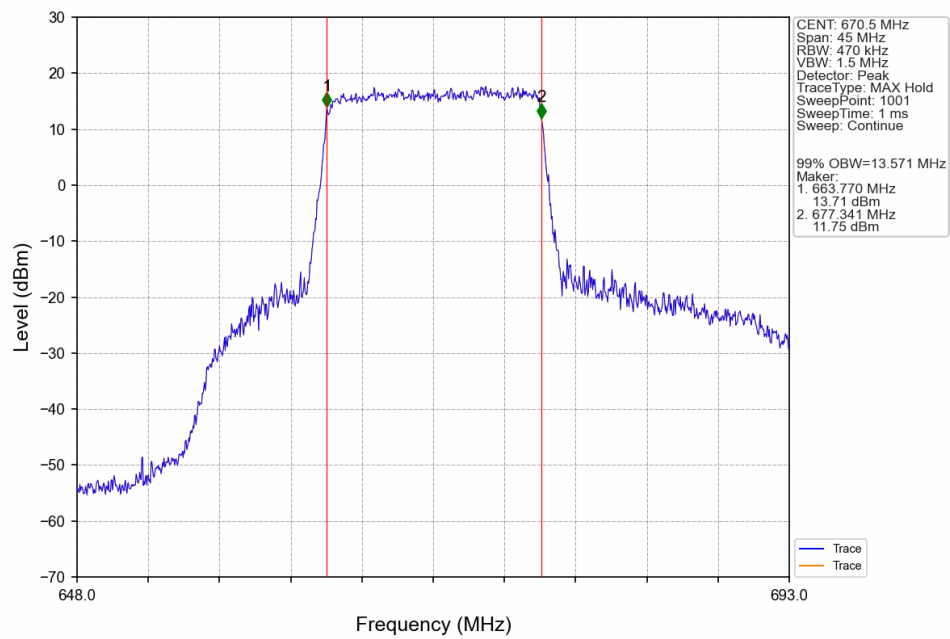
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



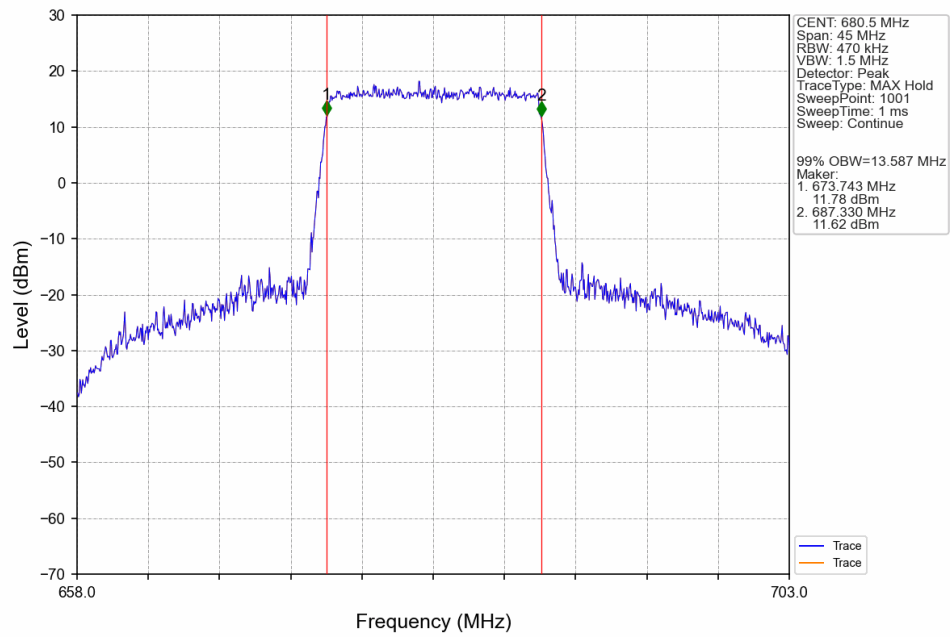
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



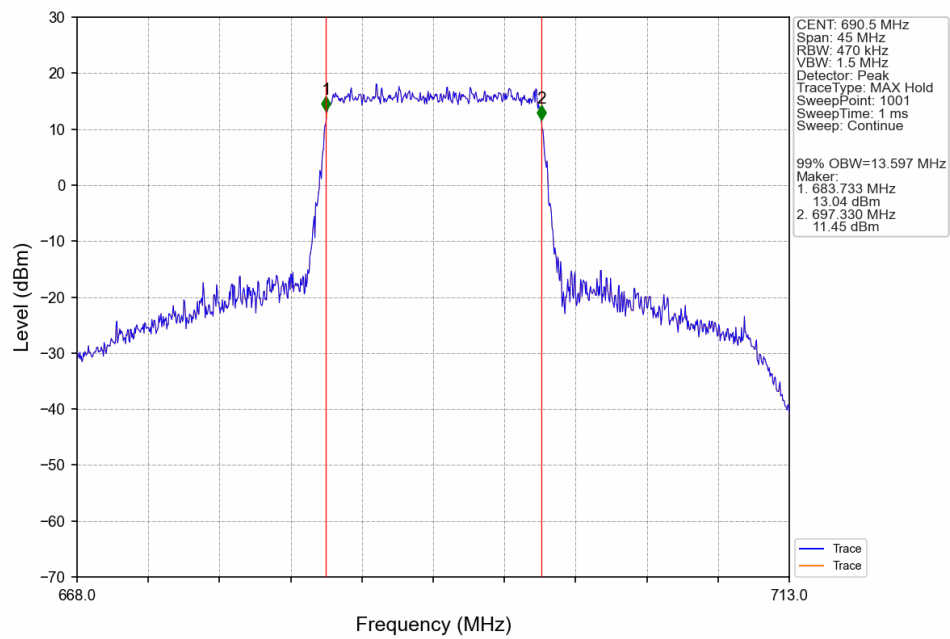
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



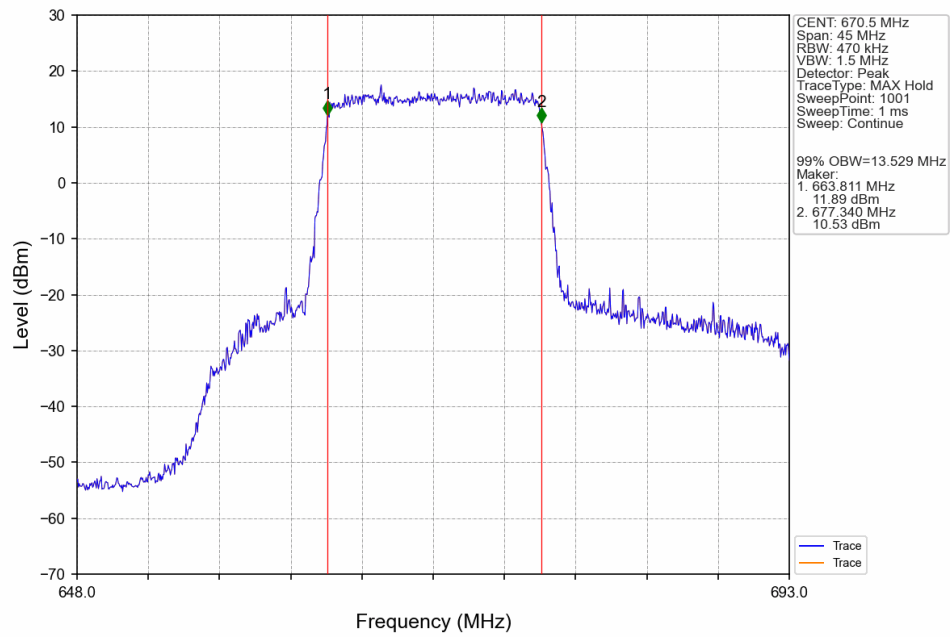
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



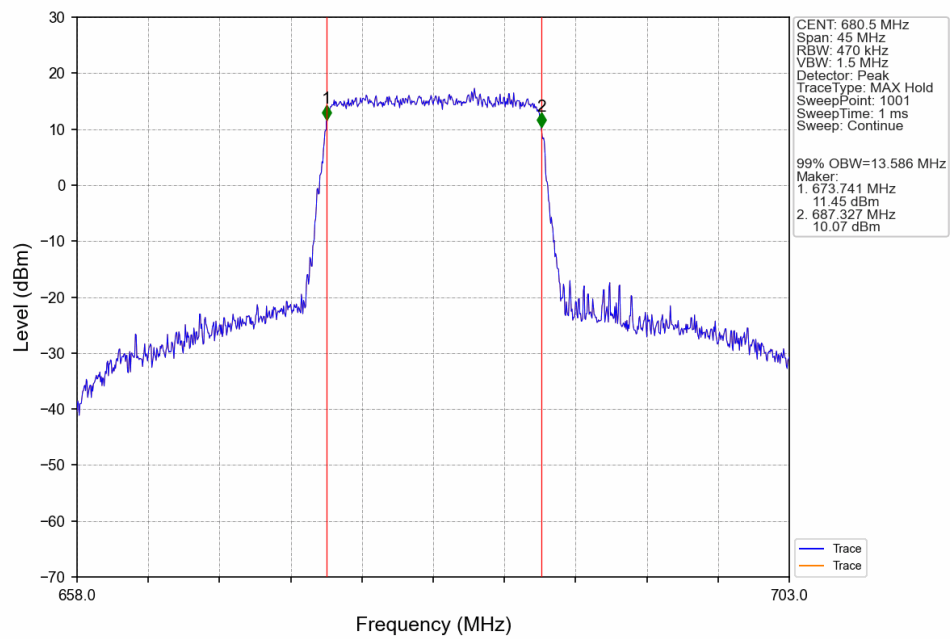
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



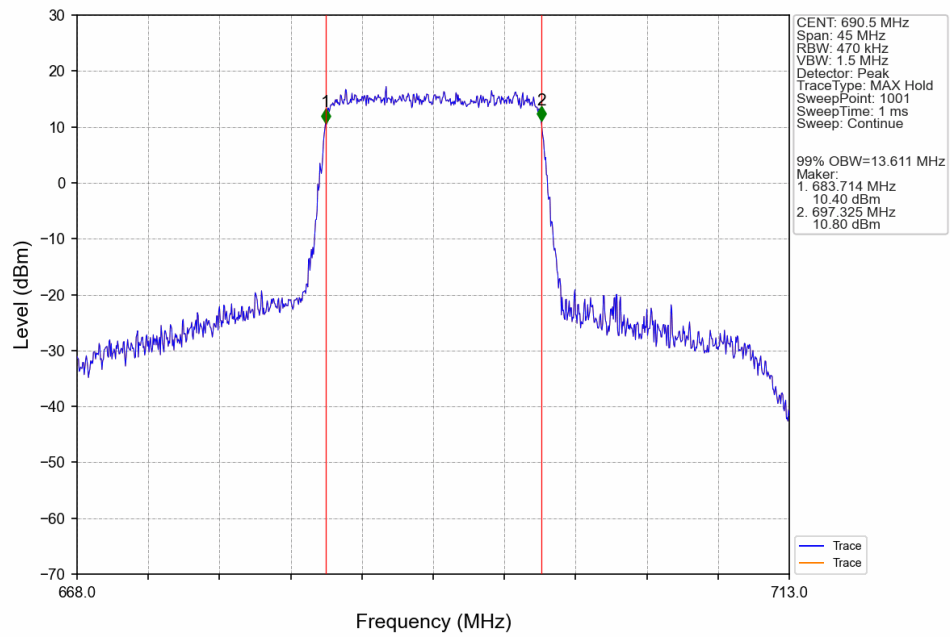
Band71 15MHz 64QAM LCH 670.5MHz RB 75 0 NTNV



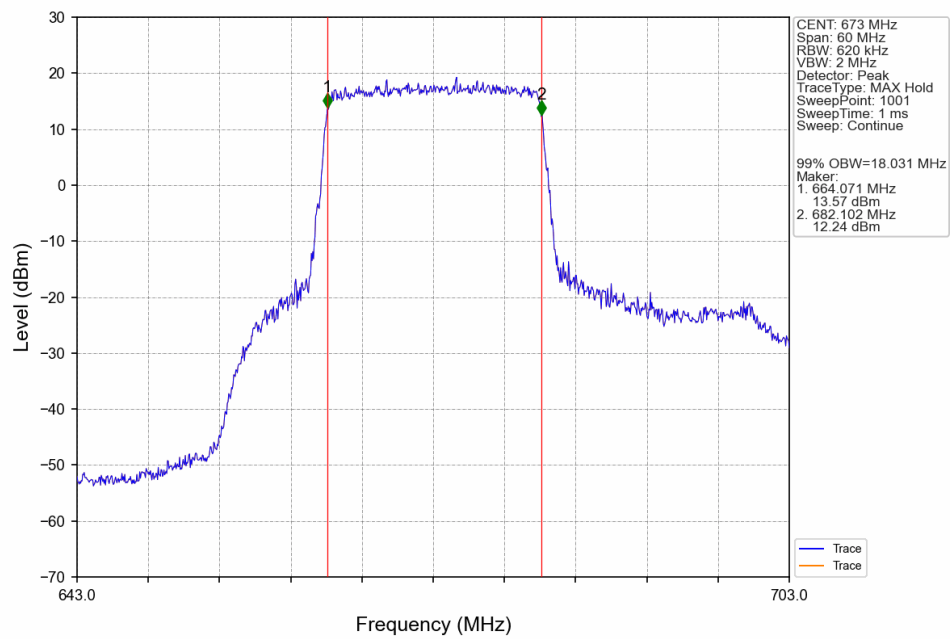
Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV



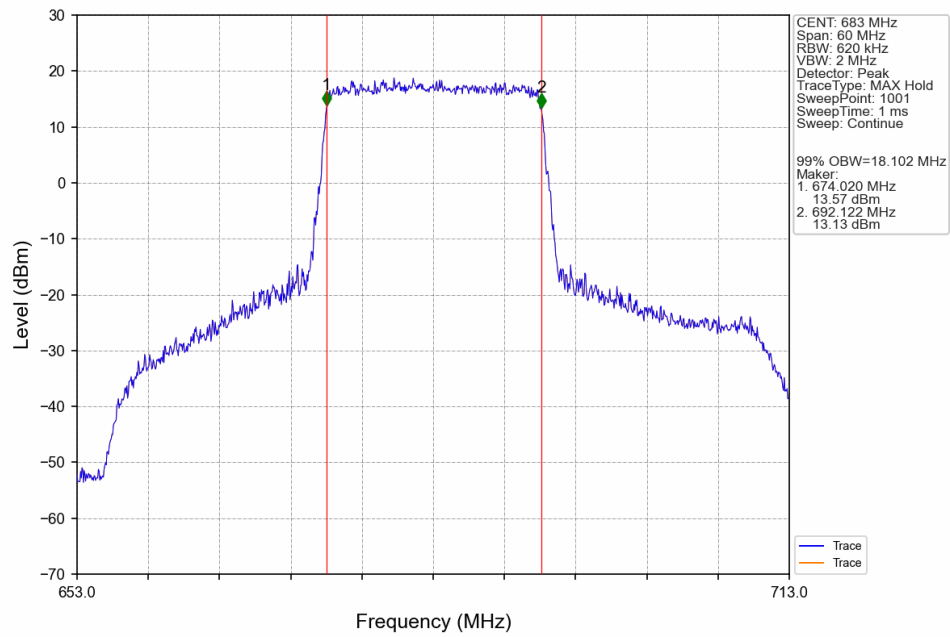
Band71 15MHz 64QAM HCH 690.5MHz RB 75 0 NTNV



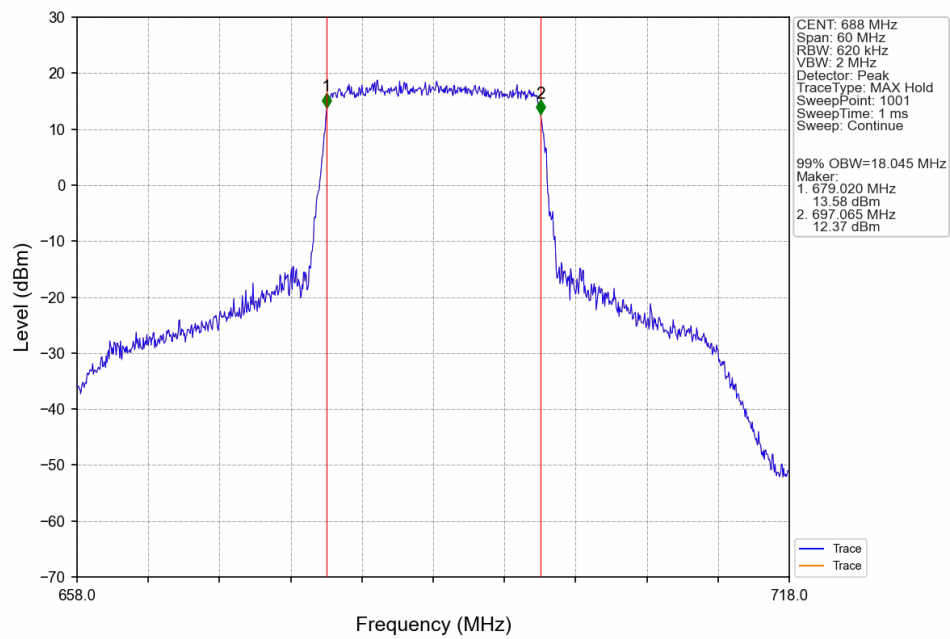
Band71 20MHz QPSK LCH 673MHz RB 100 0 NTNV



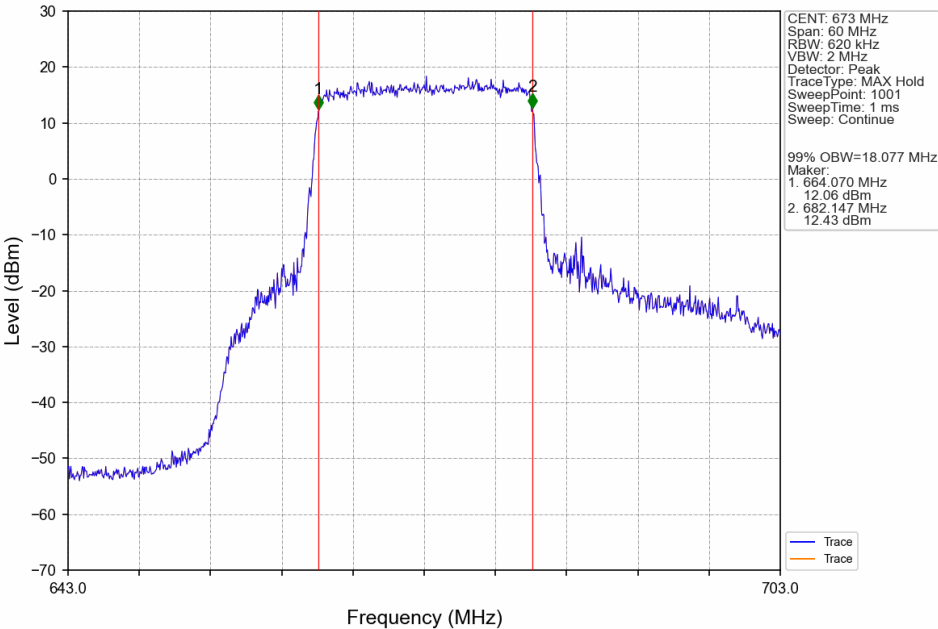
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



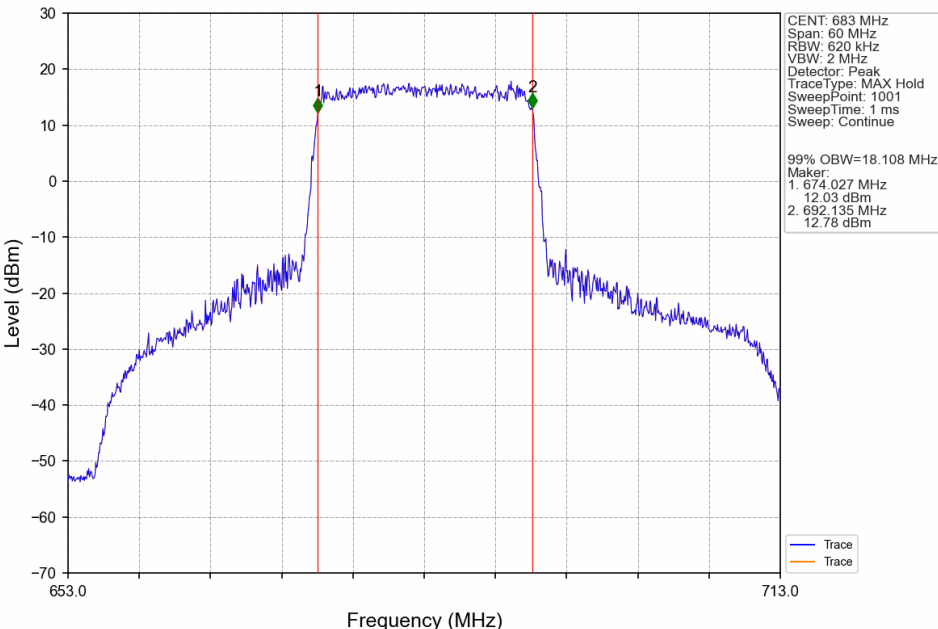
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



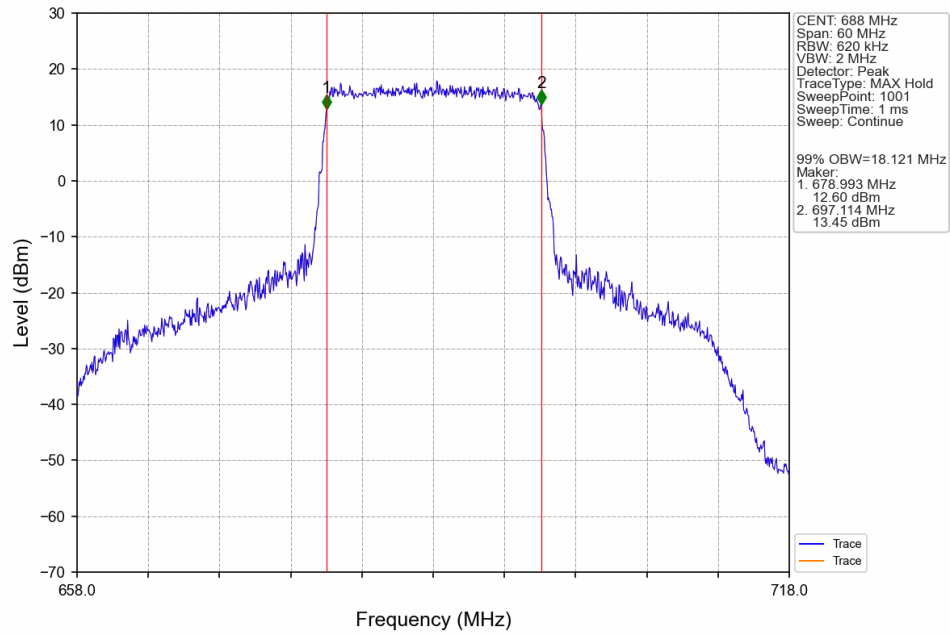
Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTNV



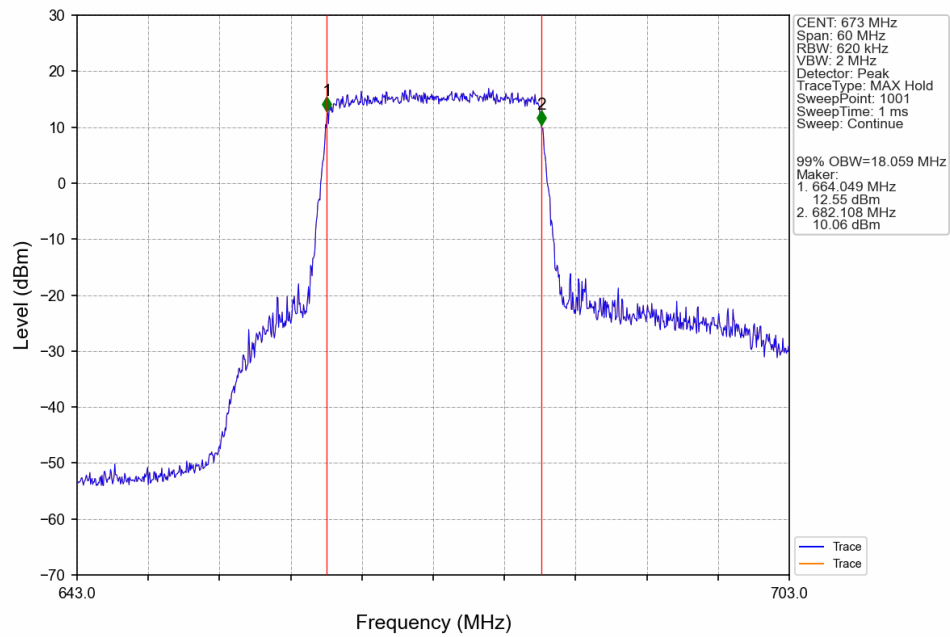
Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTNV



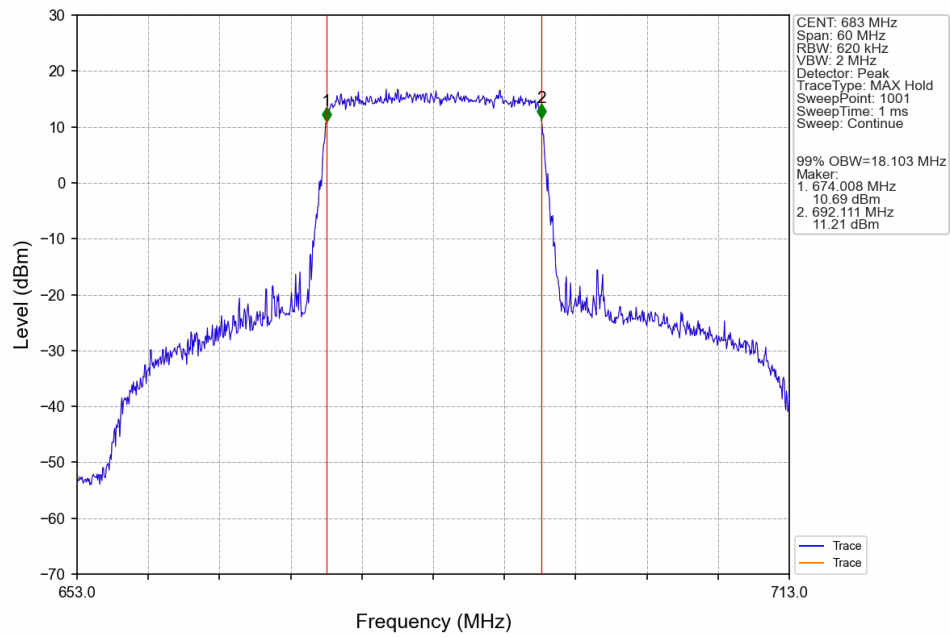
Band71 20MHz 16QAM HCH 688MHz RB 100 0 NTNV



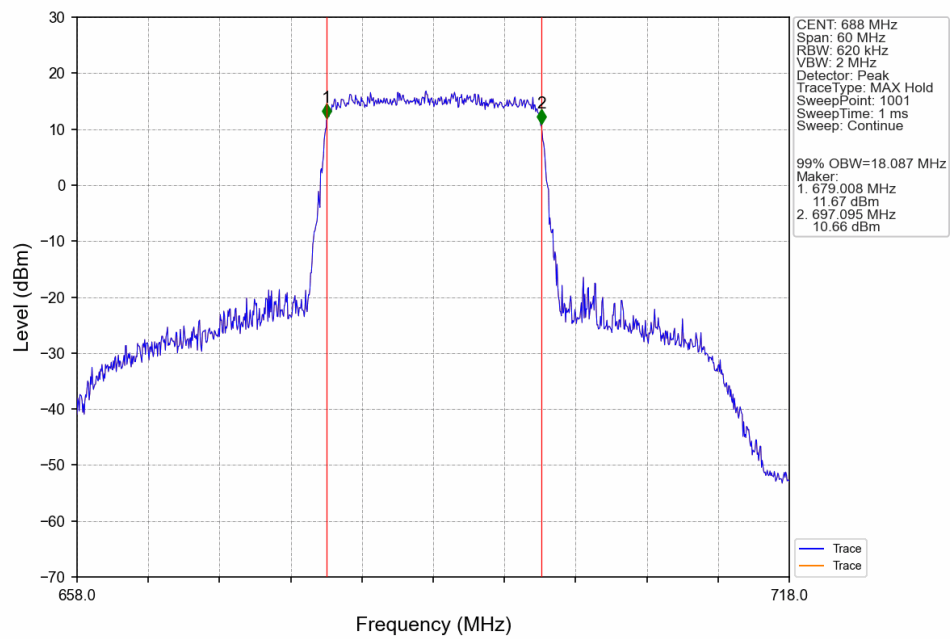
Band71_20MHz_64QAM_LCH_673MHz_RB_100_0_NTNV



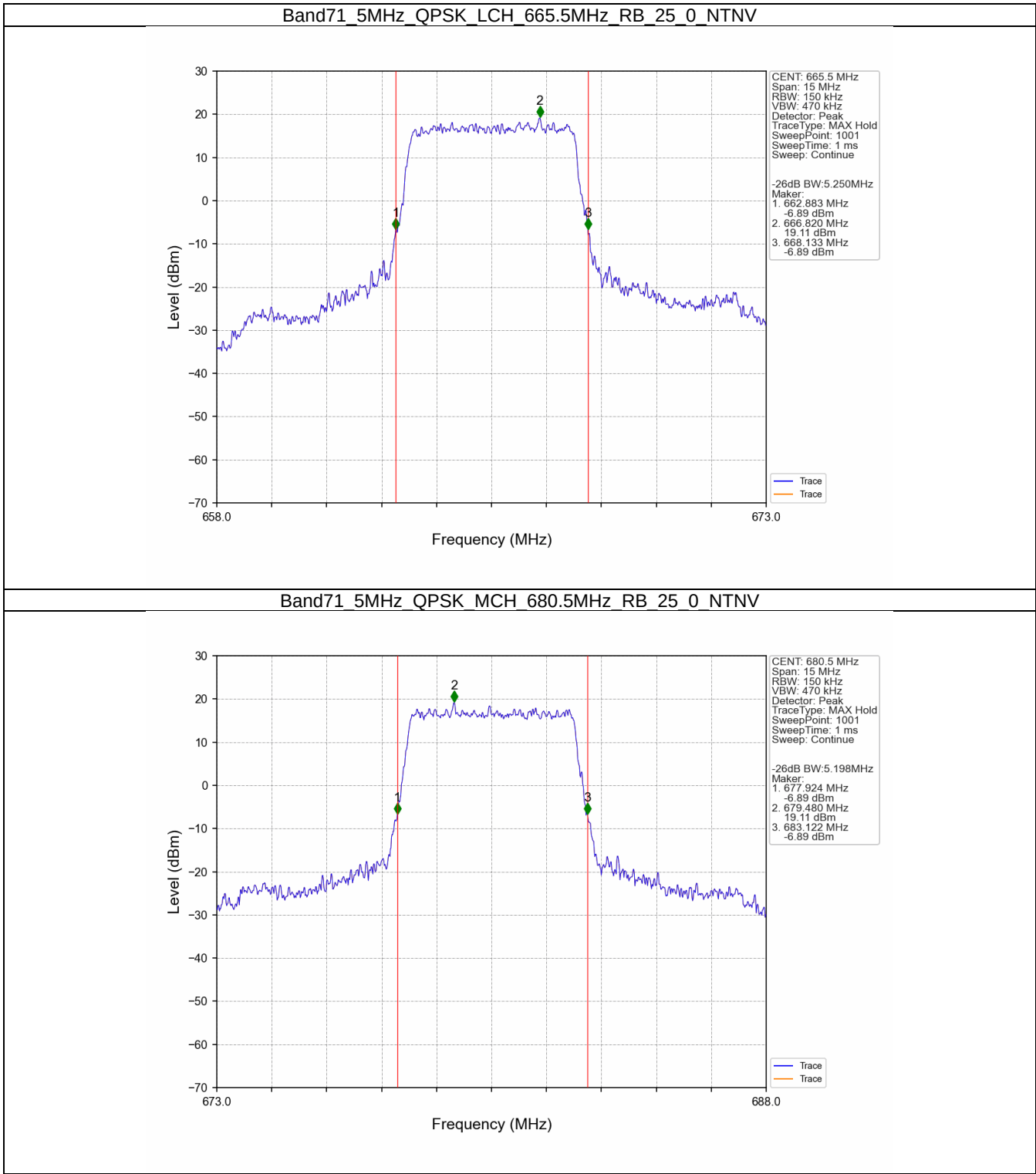
Band71 20MHz 64QAM MCH 683MHz RB 100 0 NTNV



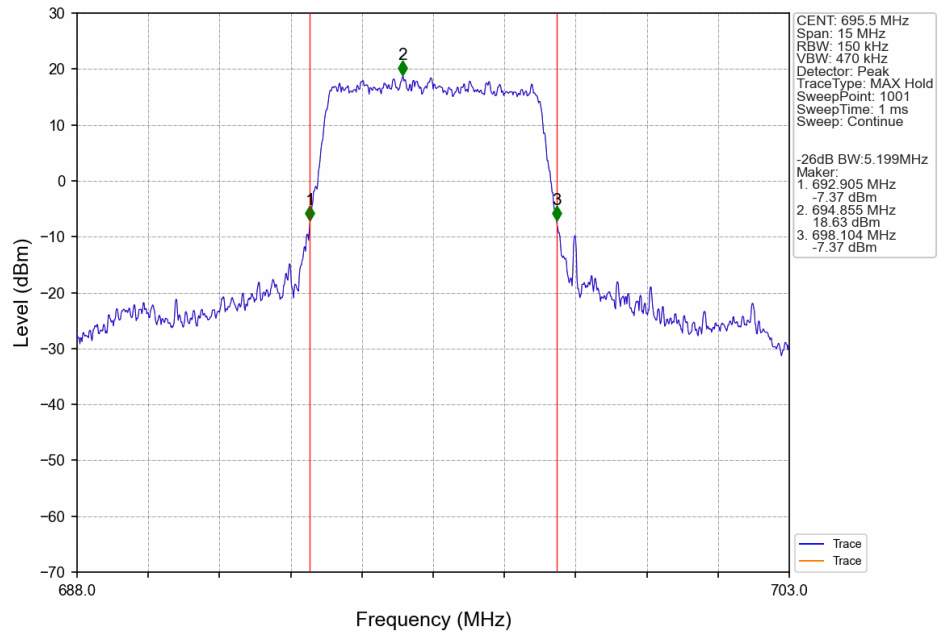
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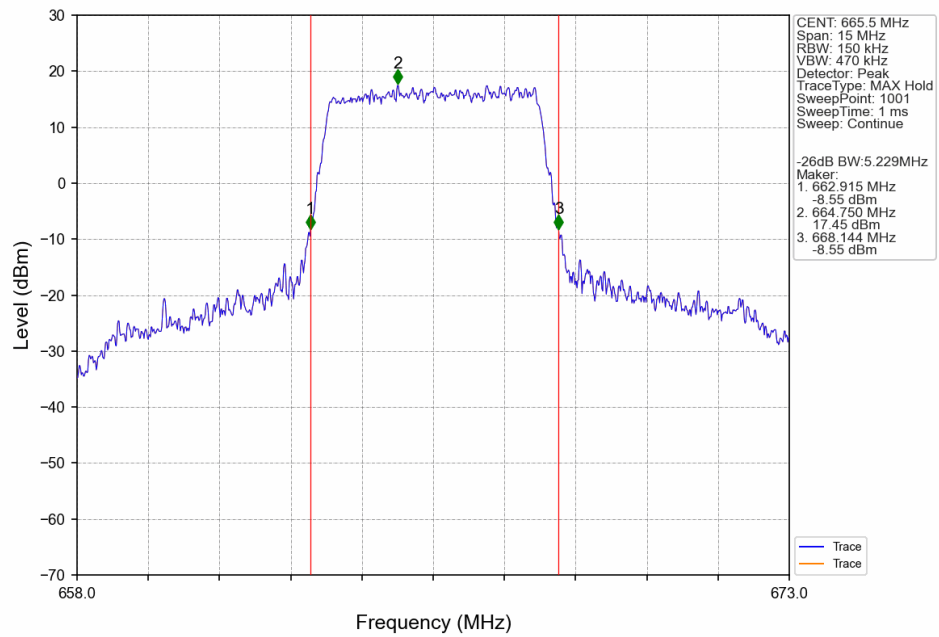
3.2.2 Band71_XDB



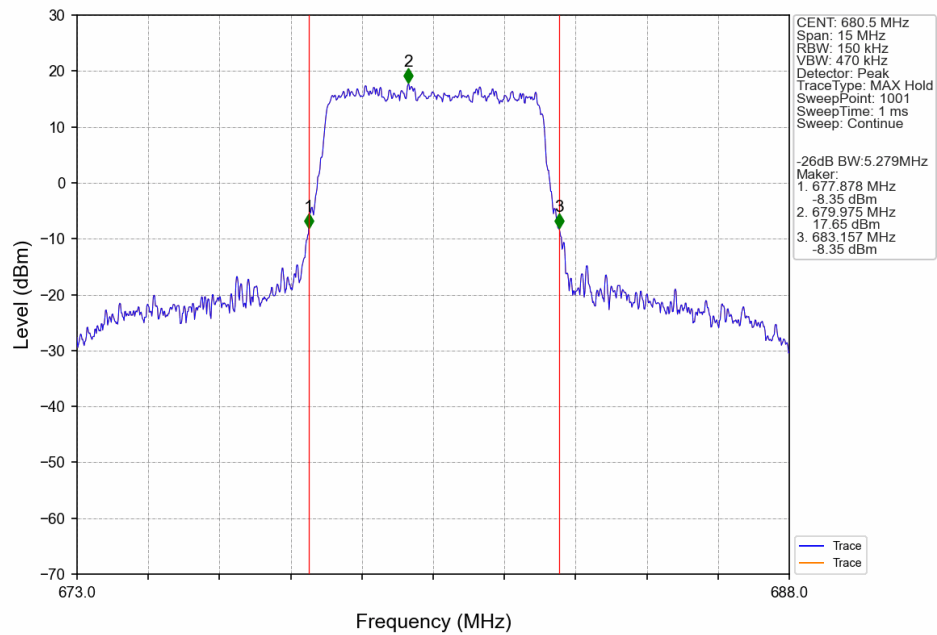
Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTNV



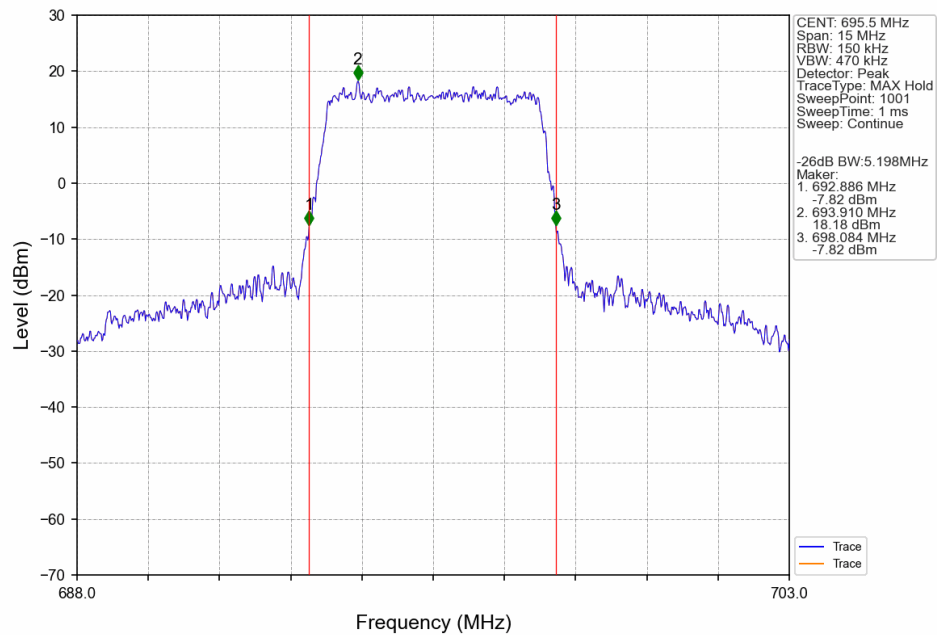
Band71 5MHz 16QAM LCH 665.5MHz RB 25 0 NTNV



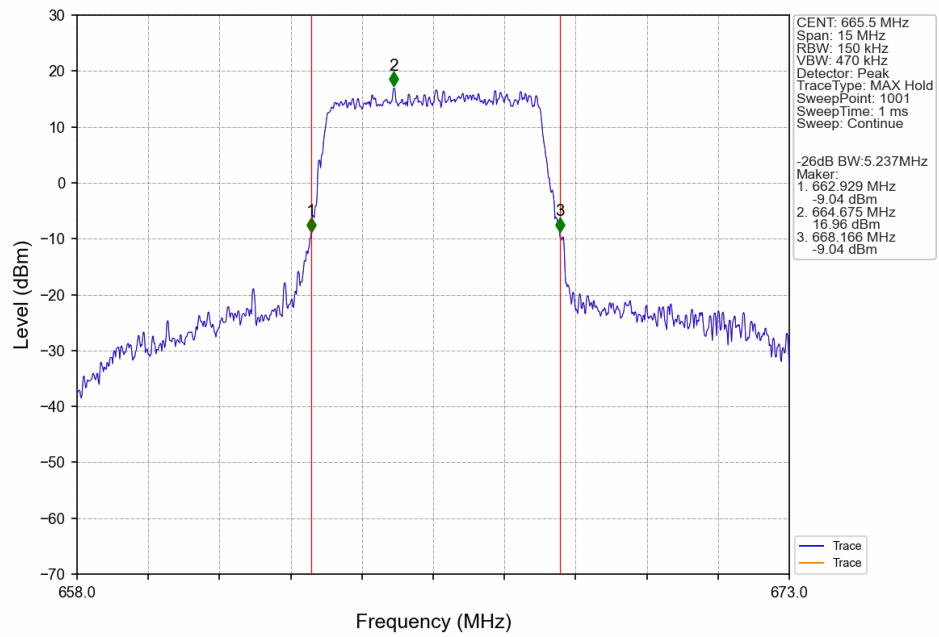
Band71 5MHz 16QAM MCH 680.5MHz RB 25 0 NTNV



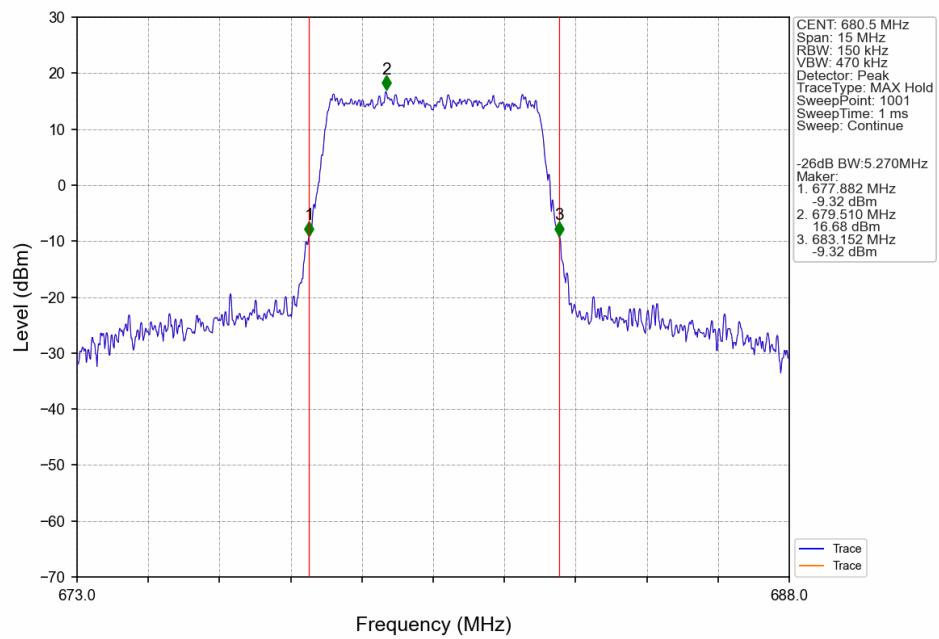
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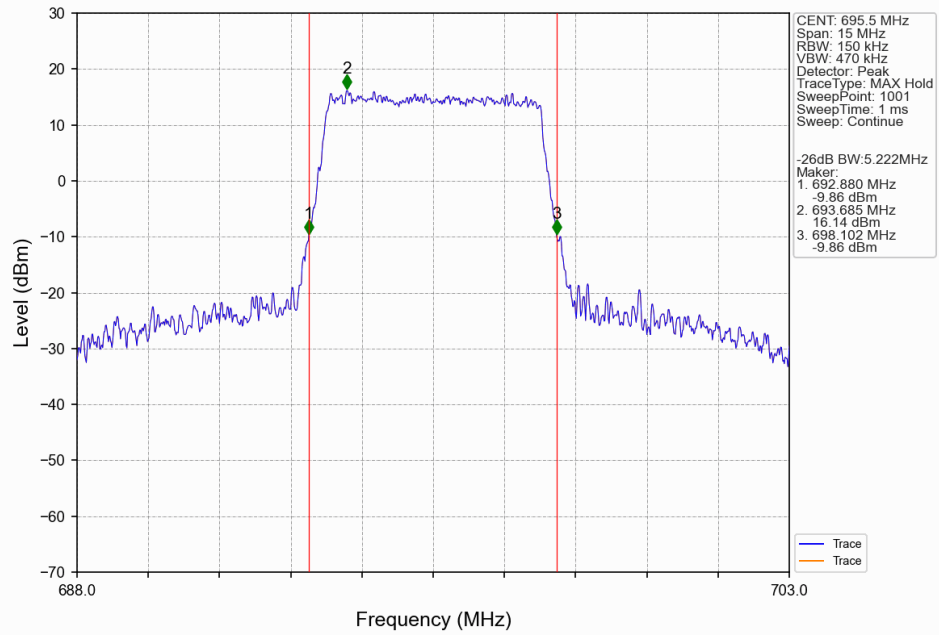
Band71_5MHz_64QAM_LCH_665.5MHz_RB_25_0_NTNV



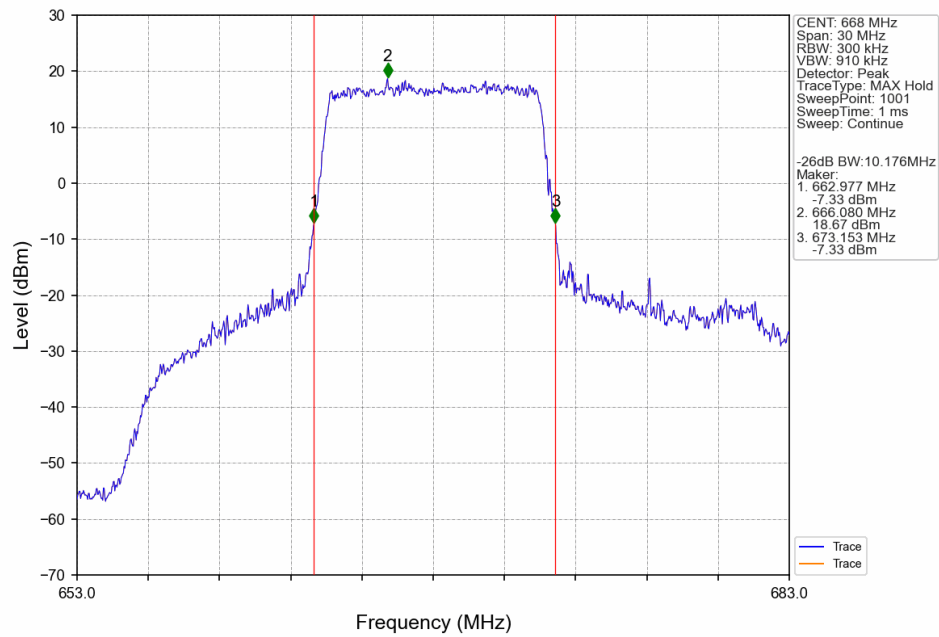
Band71_5MHz_64QAM_MCH_680.5MHz_RB_25_0_NTNV



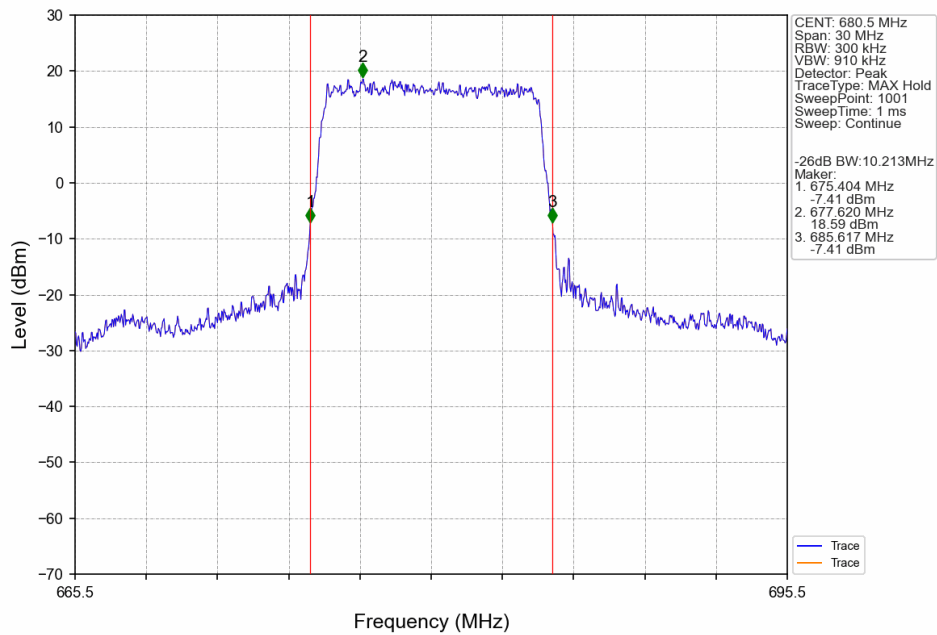
Band71 5MHz 64QAM HCH 695.5MHz RB 25 0 NTNV



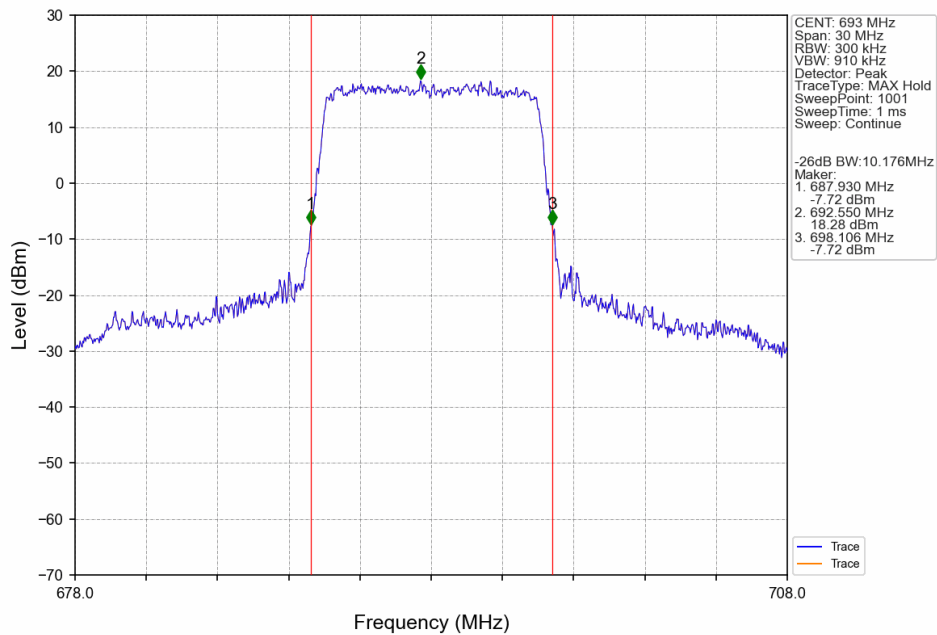
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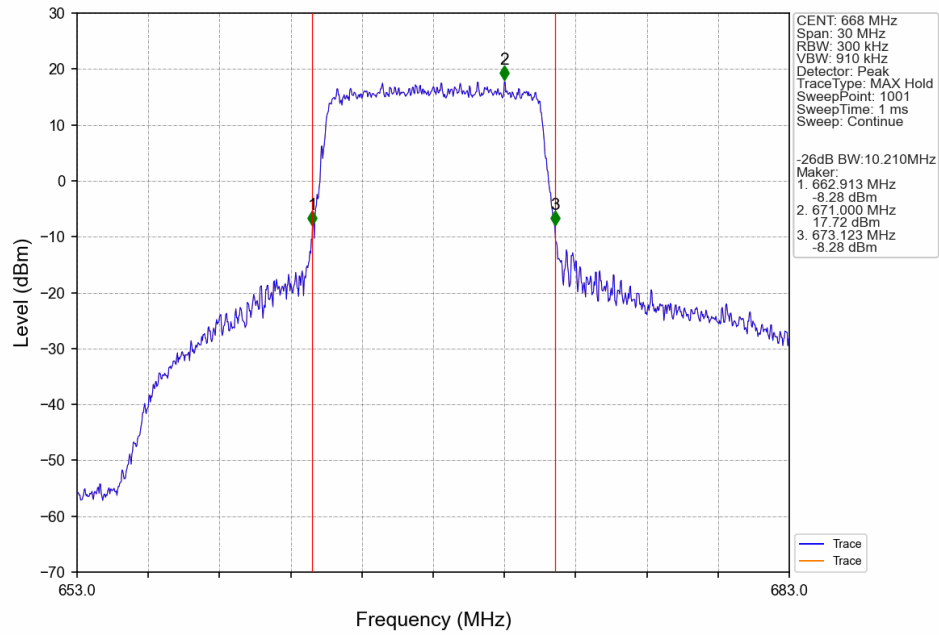
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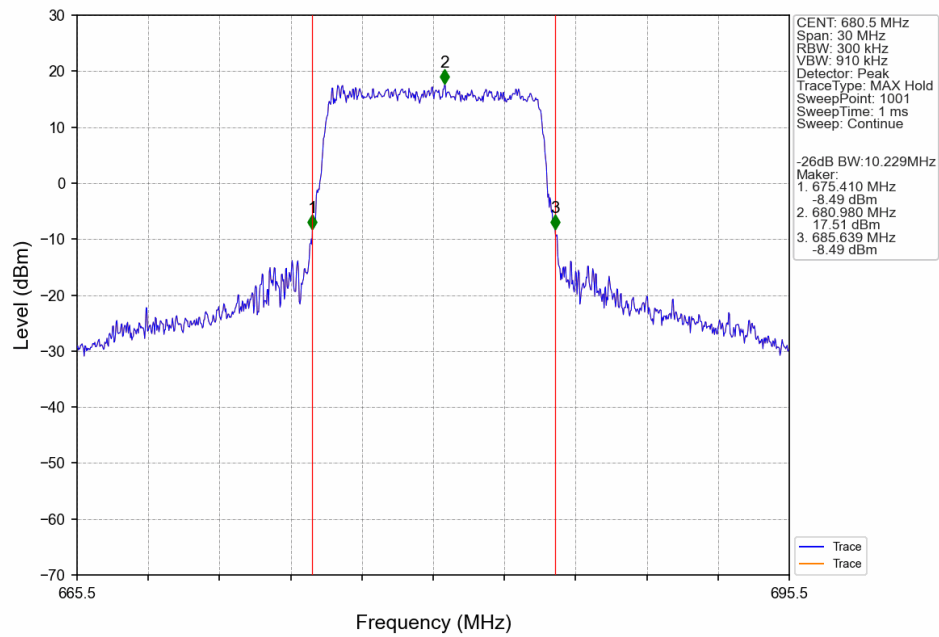
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



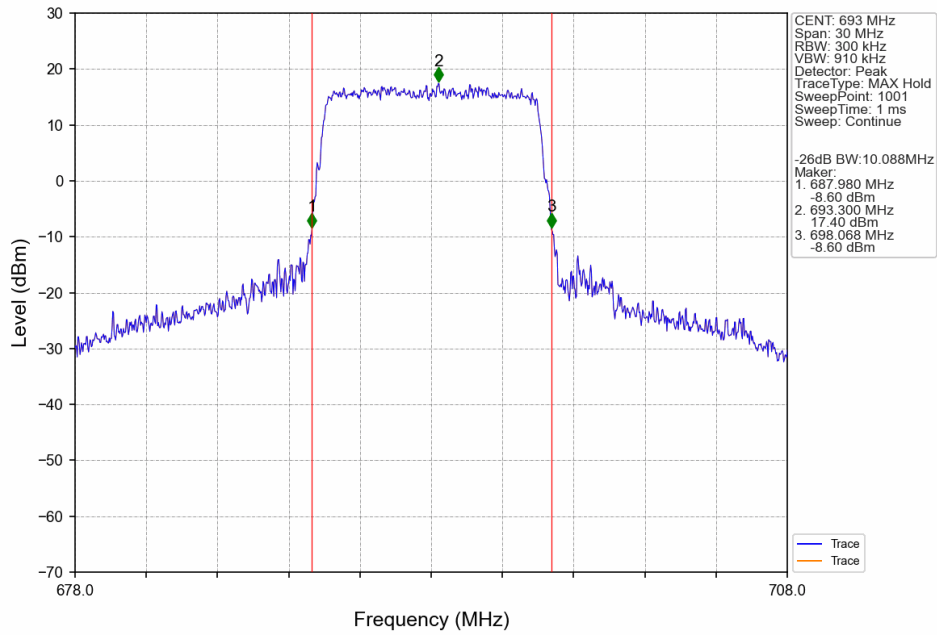
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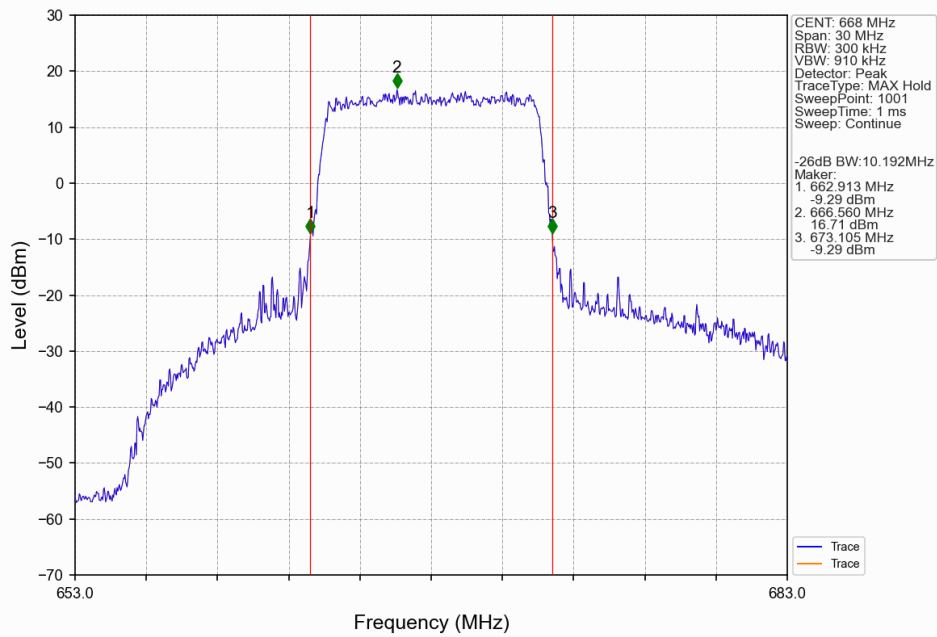
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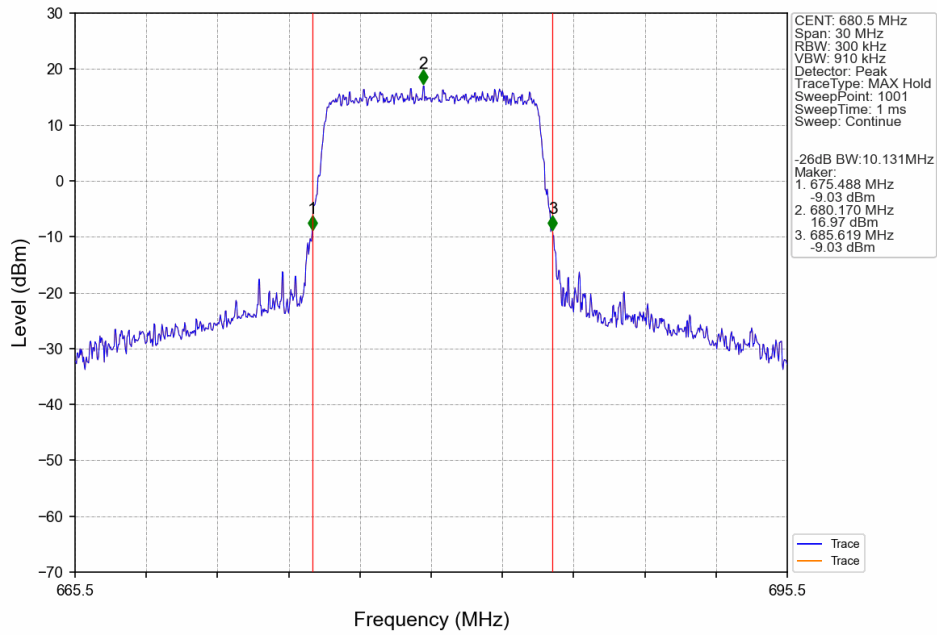
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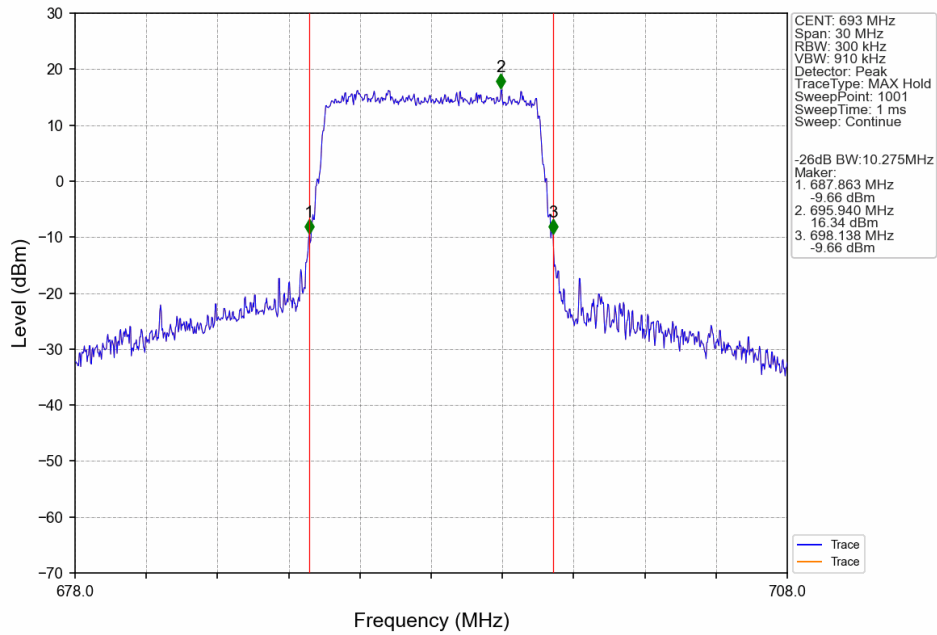
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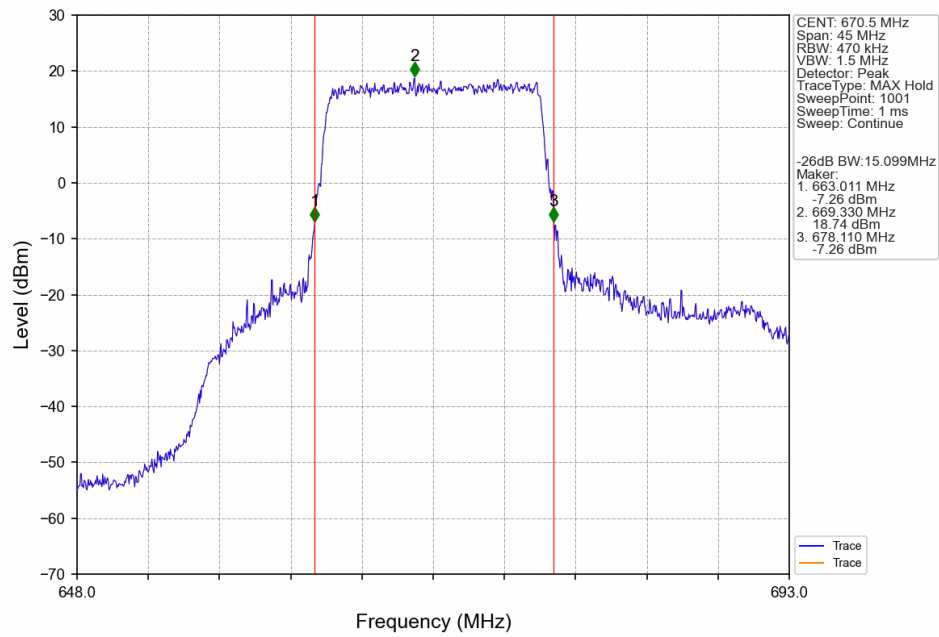
Band71 10MHz 64QAM MCH 680.5MHz RB 50 0 NTNV



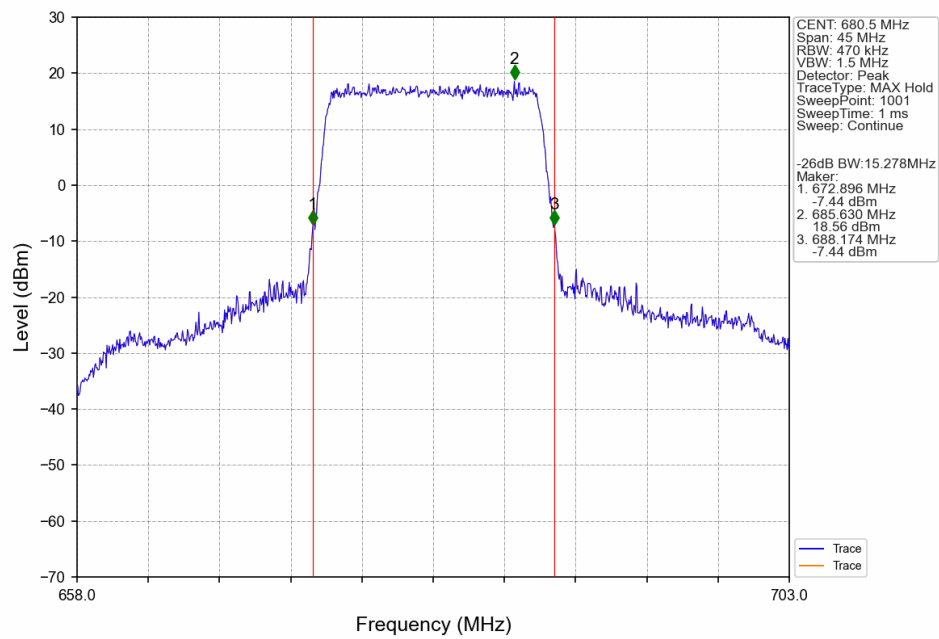
Band71 10MHz 64QAM HCH 693MHz RB 50 0 NTNV



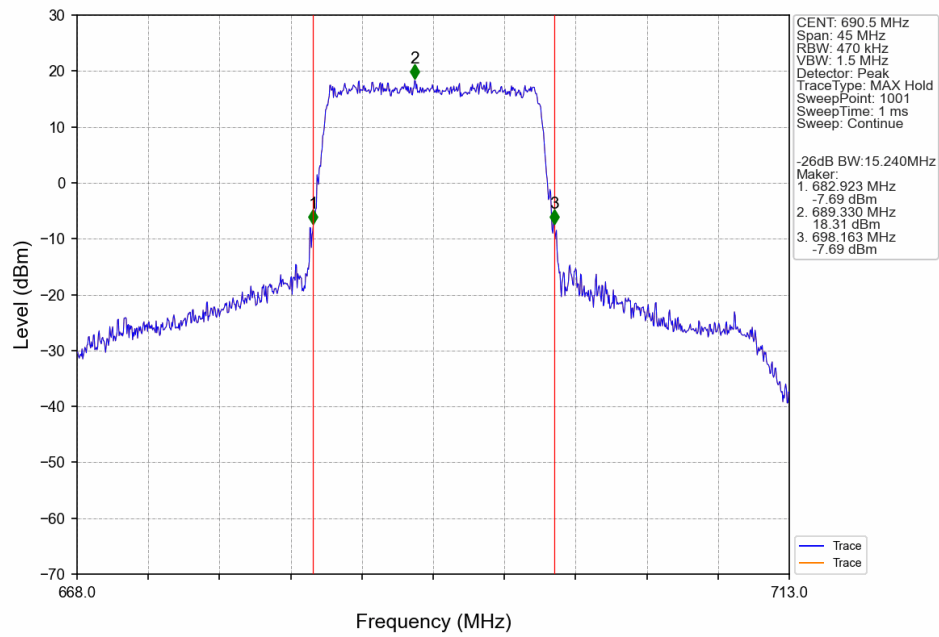
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



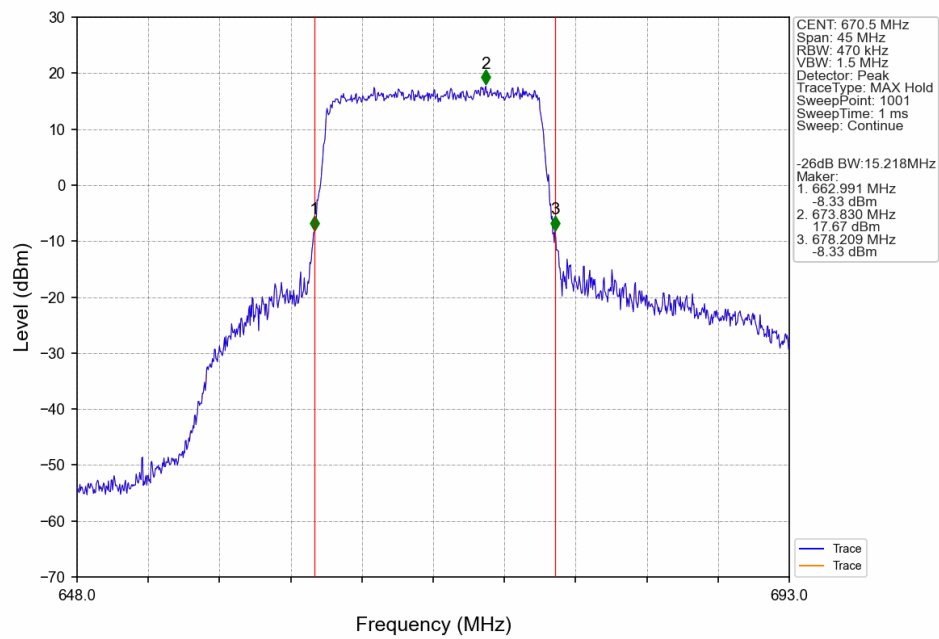
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



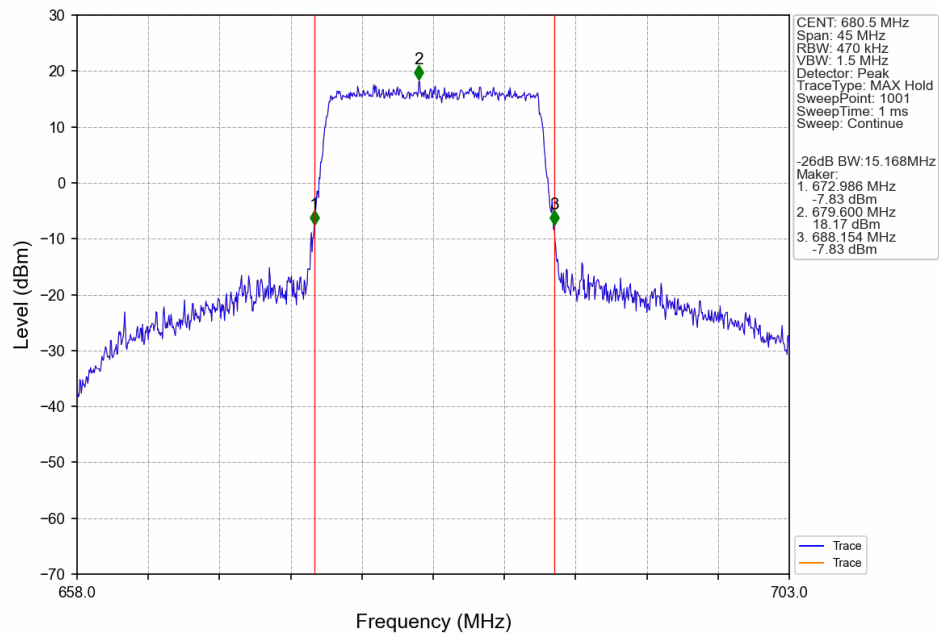
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



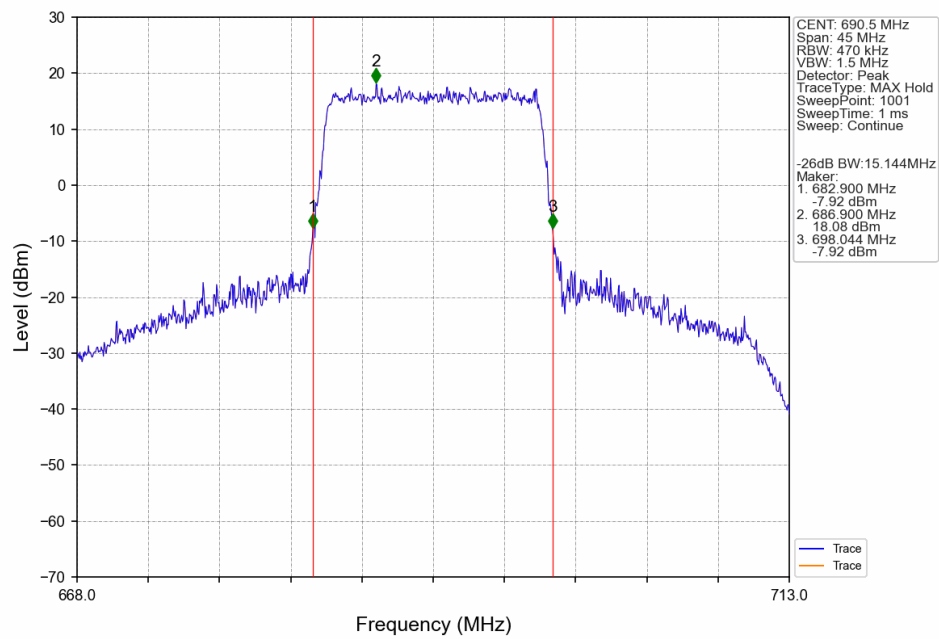
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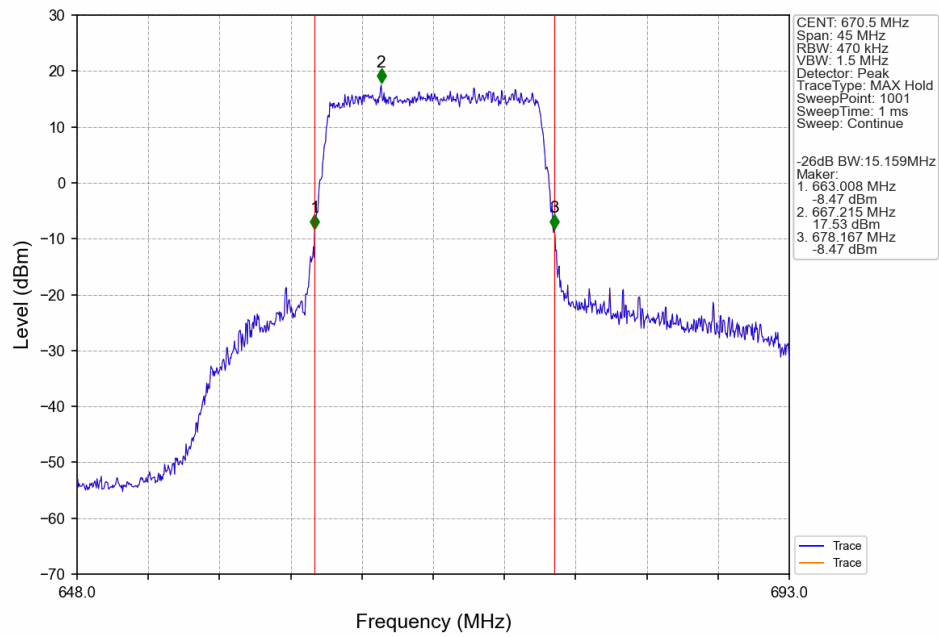
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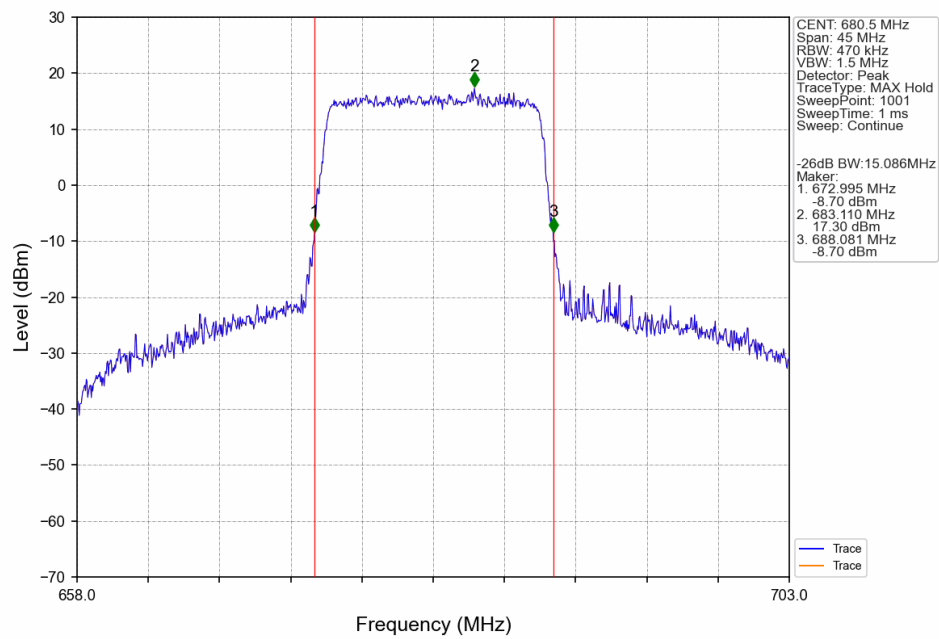
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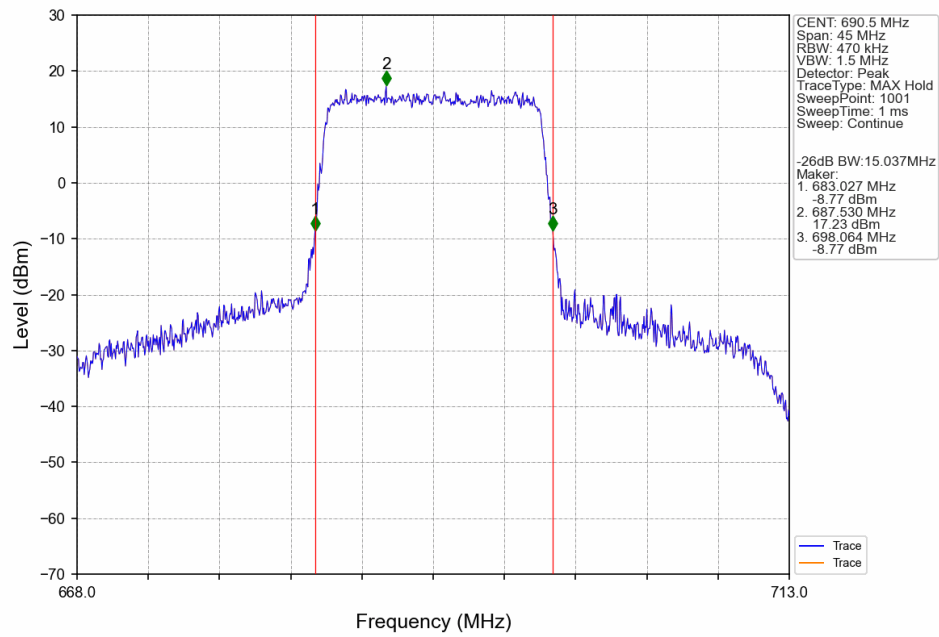
Band71 15MHz 64QAM LCH 670.5MHz RB 75 0 NTNV



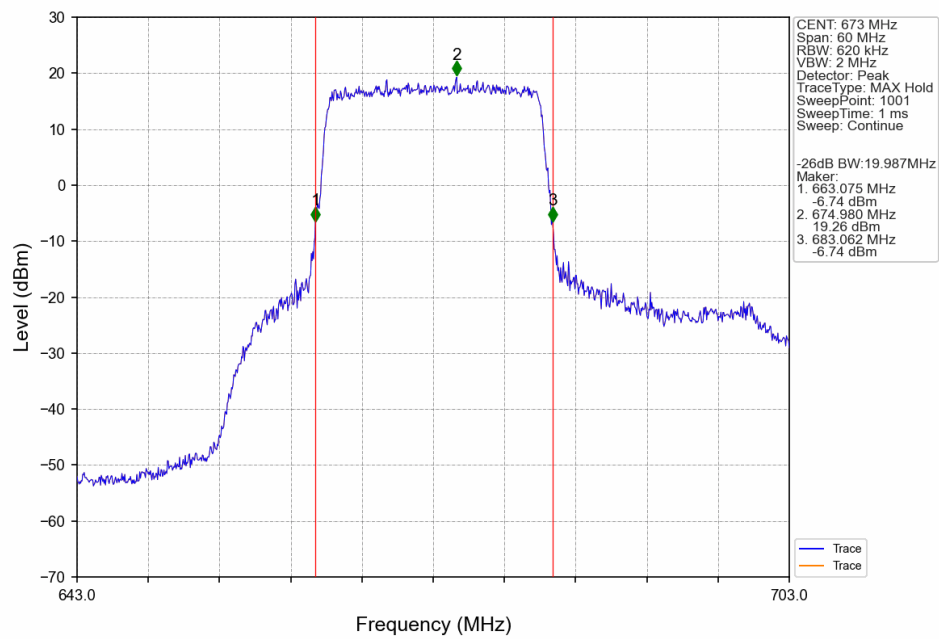
Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV



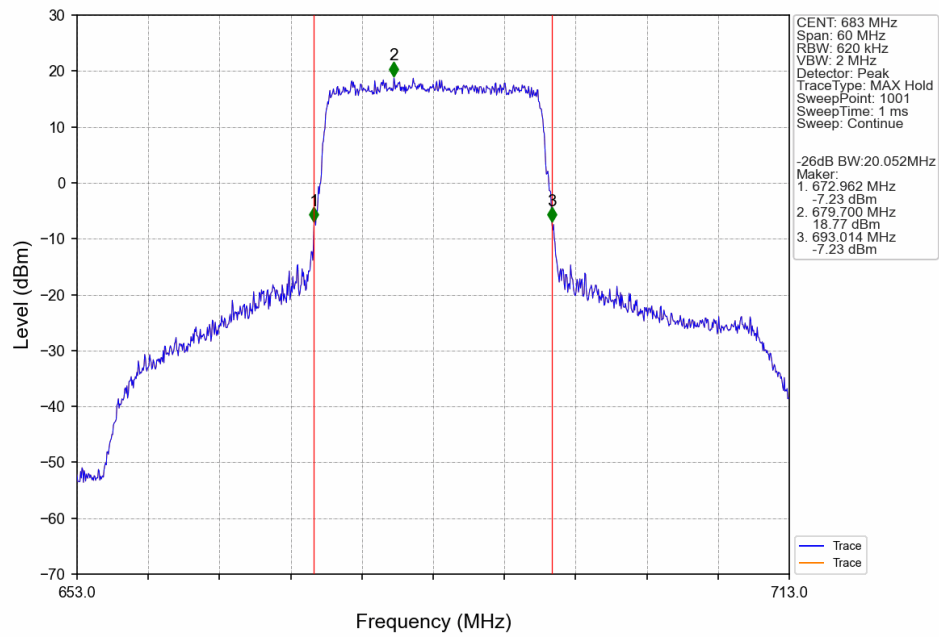
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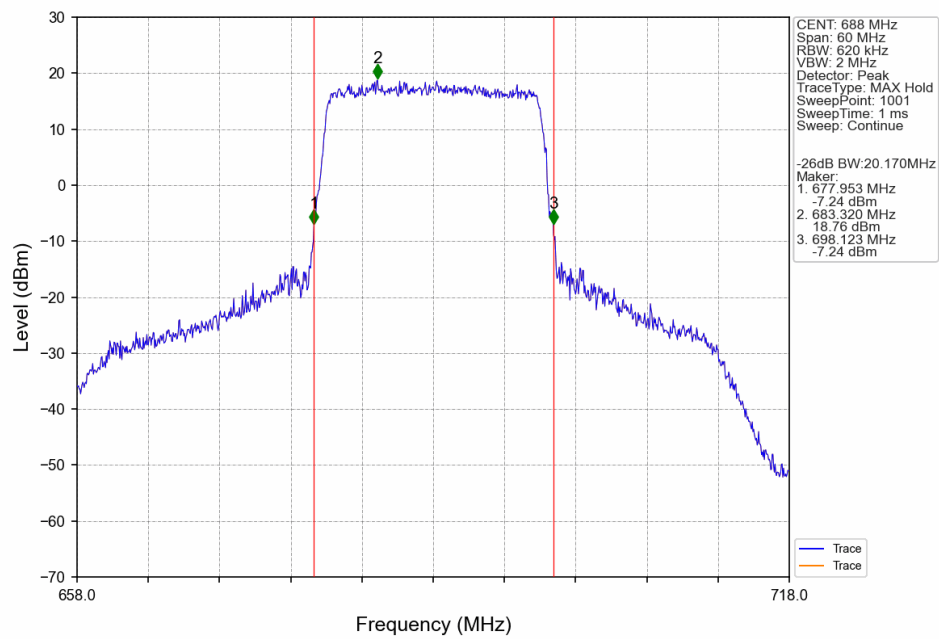
Band71 20MHz QPSK LCH 673MHz RB 100 0 NTNV



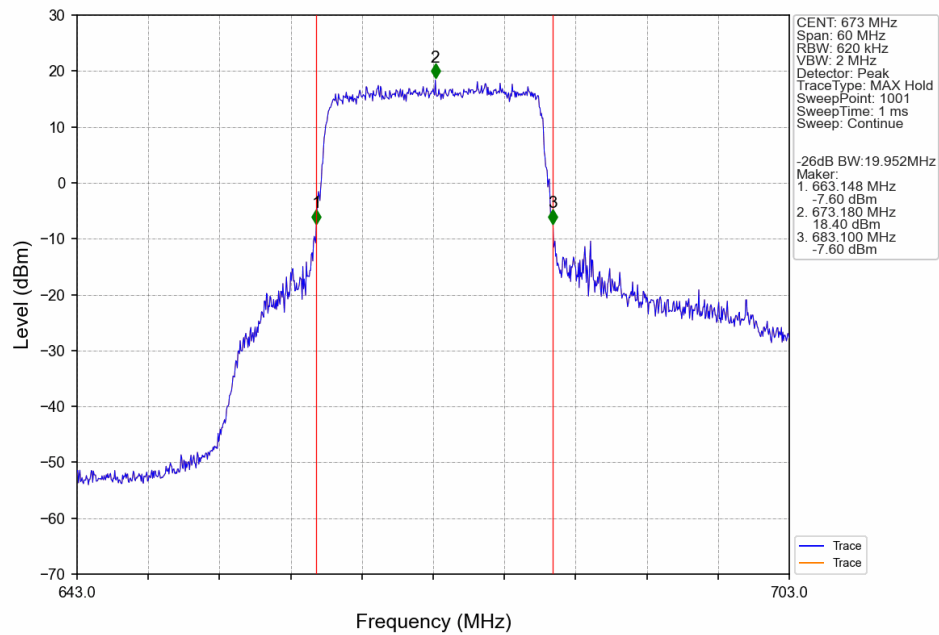
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



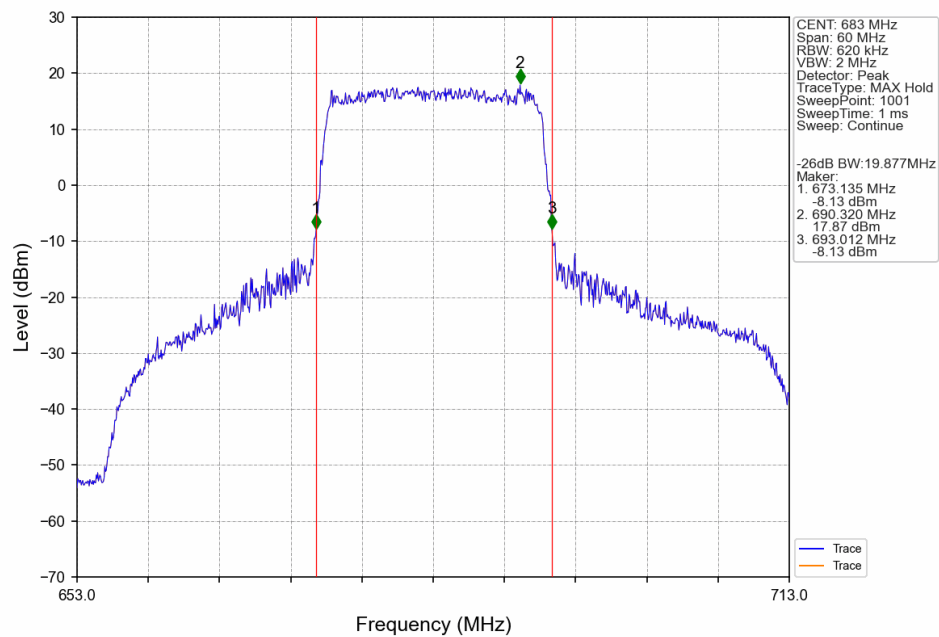
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



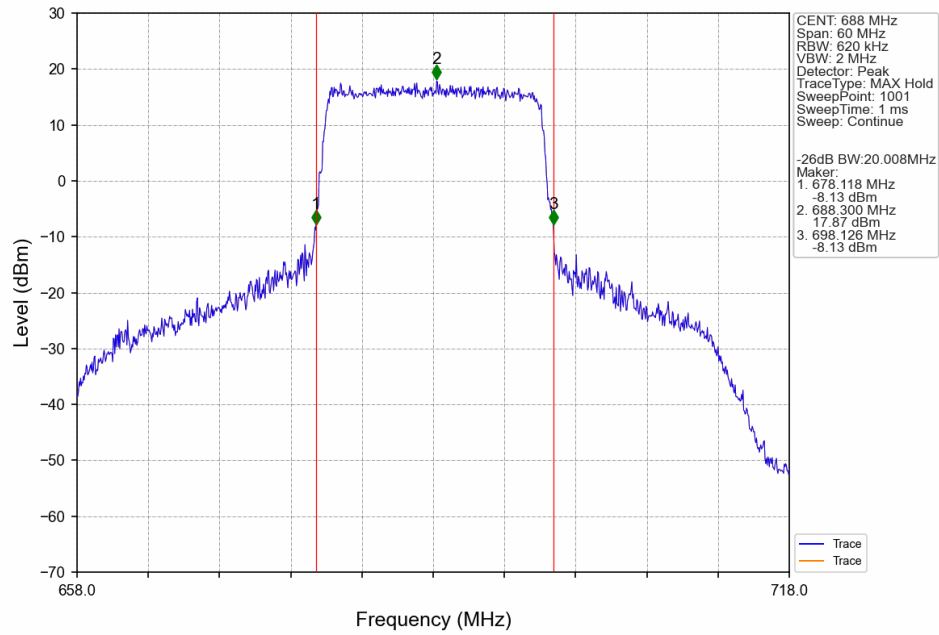
Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTNV



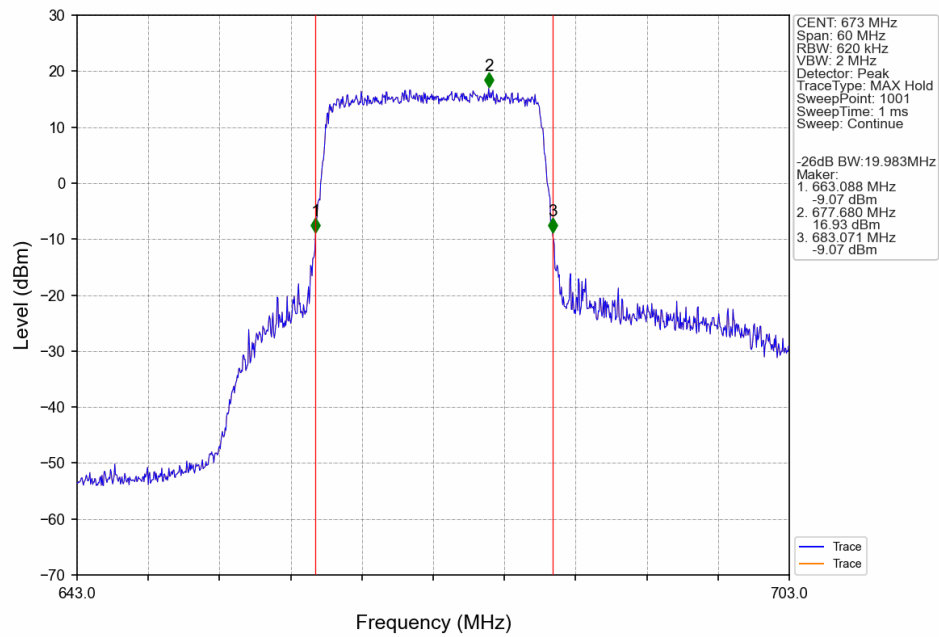
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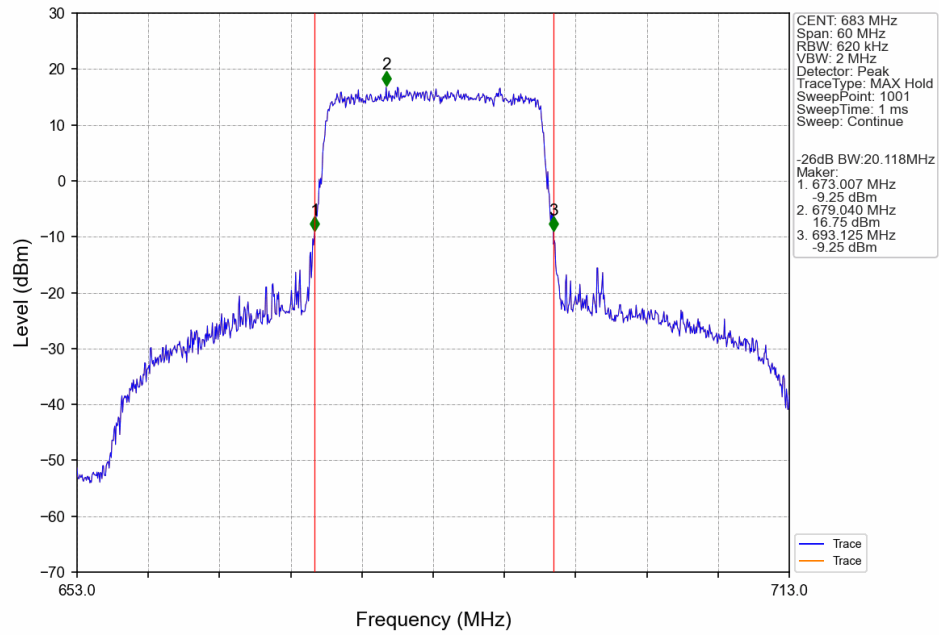
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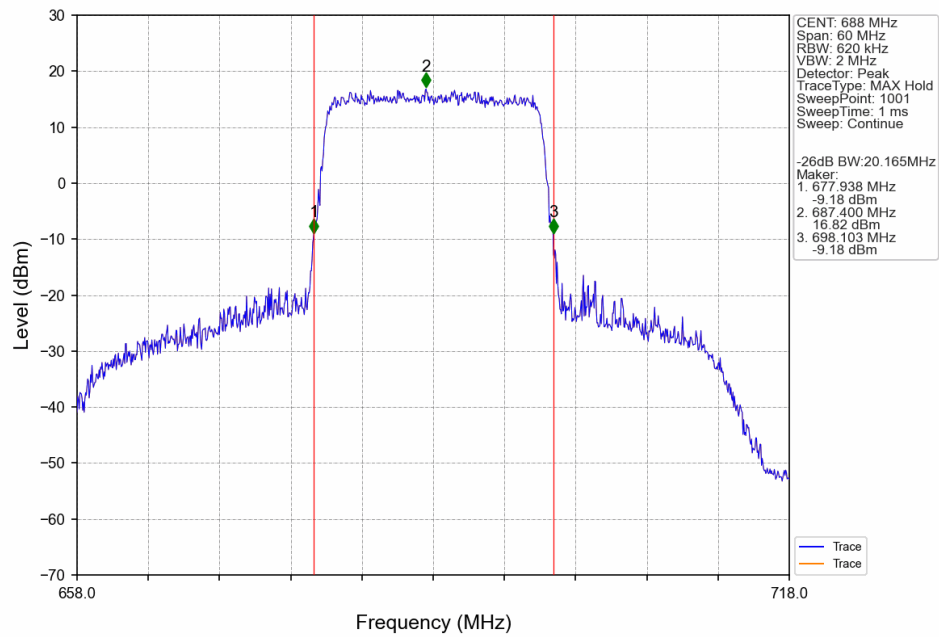
Band71 20MHz 64QAM LCH 673MHz RB 100 0 NTNV



Band71 20MHz 64QAM MCH 683MHz RB 100 0 NTNV



Band71 20MHz 64QAM HCH 688MHz RB 100 0 NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	25	0	5.38	<=13	Pass
	680.5	25	0	5.46	<=13	Pass
	695.5	25	0	5.38	<=13	Pass
16QAM	665.5	25	0	6.25	<=13	Pass
	680.5	25	0	6.32	<=13	Pass
	695.5	25	0	6.22	<=13	Pass
64QAM	665.5	25	0	6.64	<=13	Pass
	680.5	25	0	6.70	<=13	Pass
	695.5	25	0	6.61	<=13	Pass

4.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	668	50	0	5.41	<=13	Pass
	680.5	50	0	5.45	<=13	Pass
	693	50	0	5.44	<=13	Pass
16QAM	668	50	0	6.27	<=13	Pass
	680.5	50	0	6.30	<=13	Pass
	693	50	0	6.29	<=13	Pass
64QAM	668	50	0	6.65	<=13	Pass
	680.5	50	0	6.68	<=13	Pass
	693	50	0	6.66	<=13	Pass

4.1.3 B71_15MHz

Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	5.63	<=13	Pass
	680.5	75	0	5.65	<=13	Pass
	690.5	75	0	5.61	<=13	Pass
16QAM	670.5	75	0	6.36	<=13	Pass
	680.5	75	0	6.37	<=13	Pass
	690.5	75	0	6.34	<=13	Pass
64QAM	670.5	75	0	6.73	<=13	Pass
	680.5	75	0	6.69	<=13	Pass
	690.5	75	0	6.68	<=13	Pass

4.1.4 B71_20MHz

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.37	<=13	Pass
	683	100	0	5.38	<=13	Pass
	688	100	0	5.36	<=13	Pass
16QAM	673	100	0	6.29	<=13	Pass
	683	100	0	6.29	<=13	Pass
	688	100	0	6.26	<=13	Pass
64QAM	673	100	0	6.65	<=13	Pass
	683	100	0	6.65	<=13	Pass
	688	100	0	6.64	<=13	Pass