

1. Effective (Isotropic) Radiated Power Output Data

1.1 B71_5MHz_ERP

1.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	665.5	1	0	22.97	0.40	21.22	<=34.77	Pass
			13	23.17	0.40	21.42	<=34.77	Pass
			24	23.16	0.40	21.41	<=34.77	Pass
		12	0	21.89	0.40	20.14	<=34.77	Pass
			6	22.18	0.40	20.43	<=34.77	Pass
			13	22.27	0.40	20.52	<=34.77	Pass
		25	0	22.11	0.40	20.36	<=34.77	Pass
	680.5	1	0	23.35	0.40	21.60	<=34.77	Pass
			13	23.38	0.40	21.63	<=34.77	Pass
			24	23.21	0.40	21.46	<=34.77	Pass
		12	0	22.37	0.40	20.62	<=34.77	Pass
			6	22.42	0.40	20.67	<=34.77	Pass
			13	22.37	0.40	20.62	<=34.77	Pass
	25	0	22.35	0.40	20.60	<=34.77	Pass	
	695.5	1	0	23.17	0.40	21.42	<=34.77	Pass
			13	23.28	0.40	21.53	<=34.77	Pass
			24	23.13	0.40	21.38	<=34.77	Pass
		12	0	22.25	0.40	20.50	<=34.77	Pass
			6	22.27	0.40	20.52	<=34.77	Pass
			13	22.26	0.40	20.51	<=34.77	Pass
		25	0	22.23	0.40	20.48	<=34.77	Pass
16QAM		665.5	1	0	21.82	0.40	20.07	<=34.77
	13			22.05	0.40	20.30	<=34.77	Pass
	24			22.04	0.40	20.29	<=34.77	Pass
	12		0	20.99	0.40	19.24	<=34.77	Pass
			6	21.24	0.40	19.49	<=34.77	Pass
			13	21.35	0.40	19.60	<=34.77	Pass
	25		0	21.22	0.40	19.47	<=34.77	Pass
	680.5	1	0	22.66	0.40	20.91	<=34.77	Pass
			13	22.65	0.40	20.90	<=34.77	Pass
			24	22.49	0.40	20.74	<=34.77	Pass
		12	0	21.45	0.40	19.70	<=34.77	Pass
			6	21.53	0.40	19.78	<=34.77	Pass
			13	21.45	0.40	19.70	<=34.77	Pass
	25	0	21.40	0.40	19.65	<=34.77	Pass	
	695.5	1	0	22.31	0.40	20.56	<=34.77	Pass
			13	22.38	0.40	20.63	<=34.77	Pass
			24	22.21	0.40	20.46	<=34.77	Pass
		12	0	21.22	0.40	19.47	<=34.77	Pass
			6	21.32	0.40	19.57	<=34.77	Pass
			13	21.30	0.40	19.55	<=34.77	Pass
		25	0	21.34	0.40	19.59	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.2 B71_10MHz_ERP

1.2.1 Test Result

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	23.03	0.40	21.28	<=34.77	Pass
			25	23.42	0.40	21.67	<=34.77	Pass
			49	23.29	0.40	21.54	<=34.77	Pass
		25	0	22.01	0.40	20.26	<=34.77	Pass
			13	22.32	0.40	20.57	<=34.77	Pass
			25	22.28	0.40	20.53	<=34.77	Pass
		50	0	22.16	0.40	20.41	<=34.77	Pass
	680.5	1	0	23.45	0.40	21.70	<=34.77	Pass
			25	23.50	0.40	21.75	<=34.77	Pass
			49	23.28	0.40	21.53	<=34.77	Pass
		25	0	22.34	0.40	20.59	<=34.77	Pass
			13	22.45	0.40	20.70	<=34.77	Pass
			25	22.41	0.40	20.66	<=34.77	Pass
		50	0	22.36	0.40	20.61	<=34.77	Pass
	693	1	0	23.29	0.40	21.54	<=34.77	Pass
			25	23.39	0.40	21.64	<=34.77	Pass
			49	23.15	0.40	21.40	<=34.77	Pass
		25	0	22.38	0.40	20.63	<=34.77	Pass
			13	22.27	0.40	20.52	<=34.77	Pass
			25	22.32	0.40	20.57	<=34.77	Pass
		50	0	22.36	0.40	20.61	<=34.77	Pass
16QAM	668	1	0	22.61	0.40	20.86	<=34.77	Pass
			25	22.92	0.40	21.17	<=34.77	Pass
			49	22.92	0.40	21.17	<=34.77	Pass
		25	0	21.14	0.40	19.39	<=34.77	Pass
			13	21.46	0.40	19.71	<=34.77	Pass
			25	21.41	0.40	19.66	<=34.77	Pass
		50	0	21.26	0.40	19.51	<=34.77	Pass
	680.5	1	0	22.64	0.40	20.89	<=34.77	Pass
			25	22.70	0.40	20.95	<=34.77	Pass
			49	22.45	0.40	20.70	<=34.77	Pass
		25	0	21.45	0.40	19.70	<=34.77	Pass
			13	21.50	0.40	19.75	<=34.77	Pass
			25	21.50	0.40	19.75	<=34.77	Pass
		50	0	21.47	0.40	19.72	<=34.77	Pass
	693	1	0	22.28	0.40	20.53	<=34.77	Pass
			25	22.41	0.40	20.66	<=34.77	Pass
			49	22.14	0.40	20.39	<=34.77	Pass
		25	0	21.57	0.40	19.82	<=34.77	Pass
			13	21.43	0.40	19.68	<=34.77	Pass
			25	21.42	0.40	19.67	<=34.77	Pass
		50	0	21.43	0.40	19.68	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.3 B71_15MHz_ERP

1.3.1 Test Result

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	23.03	0.40	21.28	<=34.77	Pass
			38	23.35	0.40	21.60	<=34.77	Pass
			74	23.38	0.40	21.63	<=34.77	Pass
		36	0	22.28	0.40	20.53	<=34.77	Pass
			18	22.43	0.40	20.68	<=34.77	Pass
			39	22.53	0.40	20.78	<=34.77	Pass
		75	0	22.42	0.40	20.67	<=34.77	Pass
	680.5	1	0	23.35	0.40	21.60	<=34.77	Pass
			38	23.40	0.40	21.65	<=34.77	Pass
			74	23.20	0.40	21.45	<=34.77	Pass
		36	0	22.45	0.40	20.70	<=34.77	Pass
			18	22.45	0.40	20.70	<=34.77	Pass
			39	22.42	0.40	20.67	<=34.77	Pass
		75	0	22.40	0.40	20.65	<=34.77	Pass
	690.5	1	0	23.29	0.40	21.54	<=34.77	Pass
			38	23.30	0.40	21.55	<=34.77	Pass
			74	23.07	0.40	21.32	<=34.77	Pass
		36	0	22.44	0.40	20.69	<=34.77	Pass
			18	22.38	0.40	20.63	<=34.77	Pass
			39	22.29	0.40	20.54	<=34.77	Pass
		75	0	22.37	0.40	20.62	<=34.77	Pass
16QAM	670.5	1	0	22.59	0.40	20.84	<=34.77	Pass
			38	22.93	0.40	21.18	<=34.77	Pass
			74	22.94	0.40	21.19	<=34.77	Pass
		36	0	21.25	0.40	19.50	<=34.77	Pass
			18	21.47	0.40	19.72	<=34.77	Pass
			39	21.60	0.40	19.85	<=34.77	Pass
		75	0	21.45	0.40	19.70	<=34.77	Pass
	680.5	1	0	22.57	0.40	20.82	<=34.77	Pass
			38	22.60	0.40	20.85	<=34.77	Pass
			74	22.33	0.40	20.58	<=34.77	Pass
		36	0	21.44	0.40	19.69	<=34.77	Pass
			18	21.50	0.40	19.75	<=34.77	Pass
			39	21.45	0.40	19.70	<=34.77	Pass
		75	0	21.48	0.40	19.73	<=34.77	Pass
	690.5	1	0	22.65	0.40	20.90	<=34.77	Pass
			38	22.68	0.40	20.93	<=34.77	Pass
			74	22.45	0.40	20.70	<=34.77	Pass
		36	0	21.53	0.40	19.78	<=34.77	Pass
			18	21.40	0.40	19.65	<=34.77	Pass
			39	21.35	0.40	19.60	<=34.77	Pass
		75	0	21.38	0.40	19.63	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.4 B71_20MHz_ERP

1.4.1 Test Result

Band: 71 / Bandwidth: 20MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	673	1	0	22.96	0.40	21.21	<=34.77	Pass
			50	23.57	0.40	21.82	<=34.77	Pass
			99	23.20	0.40	21.45	<=34.77	Pass
		50	0	22.25	0.40	20.50	<=34.77	Pass
			25	22.46	0.40	20.71	<=34.77	Pass
			50	22.70	0.40	20.95	<=34.77	Pass
		100	0	22.47	0.40	20.72	<=34.77	Pass
	683	1	0	23.32	0.40	21.57	<=34.77	Pass
			50	23.50	0.40	21.75	<=34.77	Pass
			99	23.07	0.40	21.32	<=34.77	Pass
		50	0	22.27	0.40	20.52	<=34.77	Pass
			25	22.36	0.40	20.61	<=34.77	Pass
			50	22.29	0.40	20.54	<=34.77	Pass
		100	0	22.21	0.40	20.46	<=34.77	Pass
	688	1	0	23.33	0.40	21.58	<=34.77	Pass
			50	23.45	0.40	21.70	<=34.77	Pass
			99	23.01	0.40	21.26	<=34.77	Pass
		50	0	22.39	0.40	20.64	<=34.77	Pass
			25	22.36	0.40	20.61	<=34.77	Pass
			50	22.17	0.40	20.42	<=34.77	Pass
		100	0	22.30	0.40	20.55	<=34.77	Pass
16QAM	673	1	0	22.28	0.40	20.53	<=34.77	Pass
			50	22.87	0.40	21.12	<=34.77	Pass
			99	22.47	0.40	20.72	<=34.77	Pass
		50	0	21.32	0.40	19.57	<=34.77	Pass
			25	21.59	0.40	19.84	<=34.77	Pass
			50	21.80	0.40	20.05	<=34.77	Pass
		100	0	21.57	0.40	19.82	<=34.77	Pass
	683	1	0	22.54	0.40	20.79	<=34.77	Pass
			50	22.68	0.40	20.93	<=34.77	Pass
			99	22.25	0.40	20.50	<=34.77	Pass
		50	0	21.28	0.40	19.53	<=34.77	Pass
			25	21.47	0.40	19.72	<=34.77	Pass
			50	21.29	0.40	19.54	<=34.77	Pass
		100	0	21.30	0.40	19.55	<=34.77	Pass
	688	1	0	22.92	0.40	21.17	<=34.77	Pass
			50	22.99	0.40	21.24	<=34.77	Pass
			99	22.63	0.40	20.88	<=34.77	Pass
		50	0	21.50	0.40	19.75	<=34.77	Pass
			25	21.45	0.40	19.70	<=34.77	Pass
			50	21.30	0.40	19.55	<=34.77	Pass
		100	0	21.38	0.40	19.63	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 B71_20MHz

2.1.1 Test Result

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	10.2	-9.273	-0.0138	-2.5 to 2.5	Pass
					12	-13.487	-0.0200	-2.5 to 2.5	Pass
					13.8	-6.312	-0.0094	-2.5 to 2.5	Pass
				-30	12	-9.277	-0.0138	-2.5 to 2.5	Pass
				-20	12	-1.373	-0.0020	-2.5 to 2.5	Pass
				-10	12	-5.184	-0.0077	-2.5 to 2.5	Pass
				0	12	-9.636	-0.0143	-2.5 to 2.5	Pass
				10	12	-4.578	-0.0068	-2.5 to 2.5	Pass
				30	12	-7.497	-0.0111	-2.5 to 2.5	Pass
				40	12	-9.076	-0.0135	-2.5 to 2.5	Pass
				50	12	-7.578	-0.0113	-2.5 to 2.5	Pass
	683	100	0	20	10.2	-6.529	-0.0096	-2.5 to 2.5	Pass
					12	-7.062	-0.0103	-2.5 to 2.5	Pass
					13.8	-9.006	-0.0132	-2.5 to 2.5	Pass
				-30	12	-3.341	-0.0049	-2.5 to 2.5	Pass
				-20	12	-7.444	-0.0109	-2.5 to 2.5	Pass
				-10	12	-8.463	-0.0124	-2.5 to 2.5	Pass
				0	12	-1.304	-0.0019	-2.5 to 2.5	Pass
				10	12	-5.158	-0.0076	-2.5 to 2.5	Pass
				30	12	-5.762	-0.0084	-2.5 to 2.5	Pass
				40	12	-5.353	-0.0078	-2.5 to 2.5	Pass
				50	12	-5.097	-0.0075	-2.5 to 2.5	Pass
	688	100	0	20	10.2	-5.418	-0.0079	-2.5 to 2.5	Pass
					12	-11.385	-0.0165	-2.5 to 2.5	Pass
					13.8	-10.806	-0.0157	-2.5 to 2.5	Pass
				-30	12	-9.613	-0.0140	-2.5 to 2.5	Pass
				-20	12	-2.509	-0.0036	-2.5 to 2.5	Pass
				-10	12	-9.127	-0.0133	-2.5 to 2.5	Pass
				0	12	-5.492	-0.0080	-2.5 to 2.5	Pass
				10	12	-9.603	-0.0140	-2.5 to 2.5	Pass
				30	12	-5.054	-0.0073	-2.5 to 2.5	Pass
				40	12	-8.653	-0.0126	-2.5 to 2.5	Pass
				50	12	-5.422	-0.0079	-2.5 to 2.5	Pass

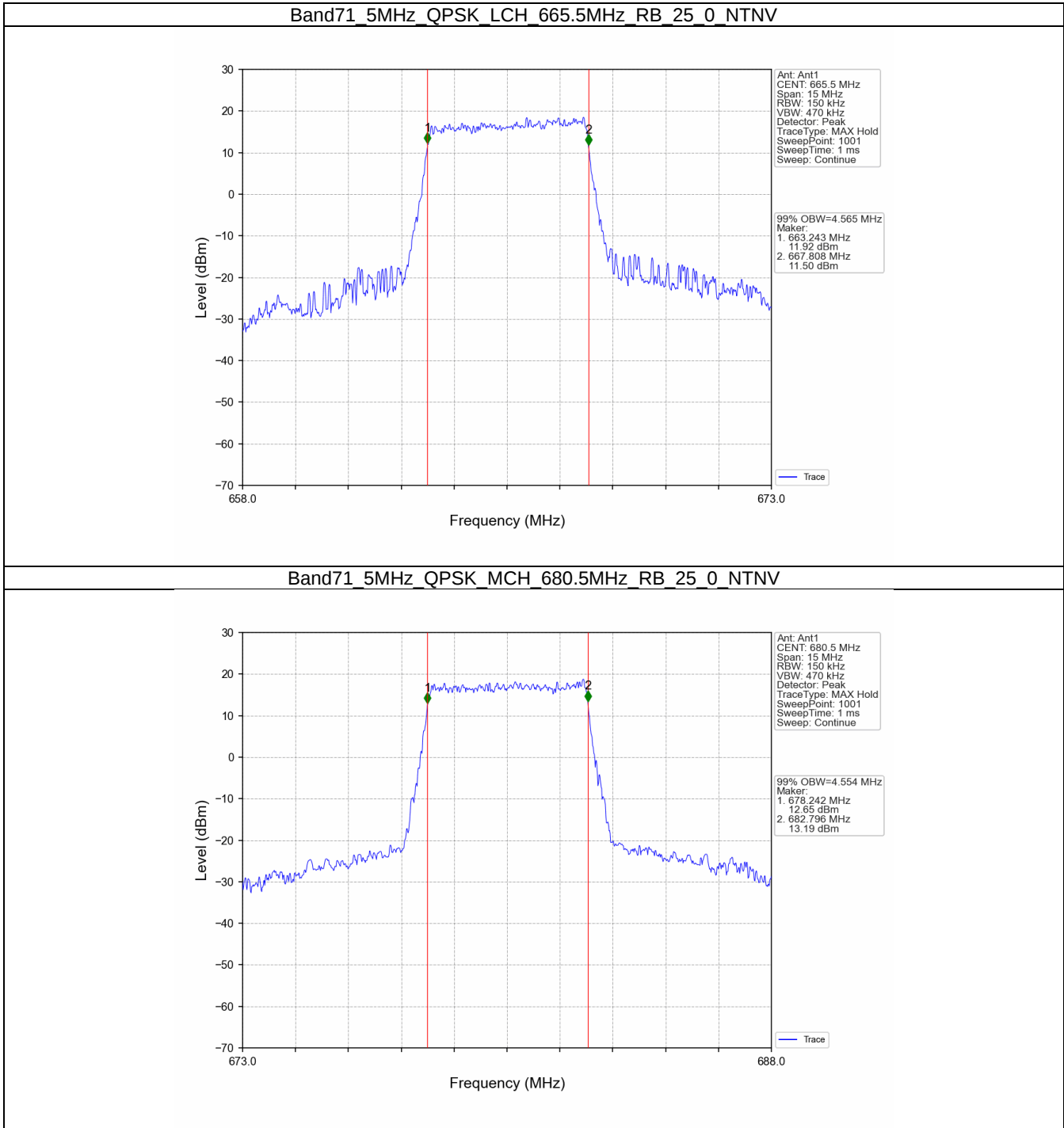
3. 99% & 26dB Bandwidth

3.1 Band71_OBW

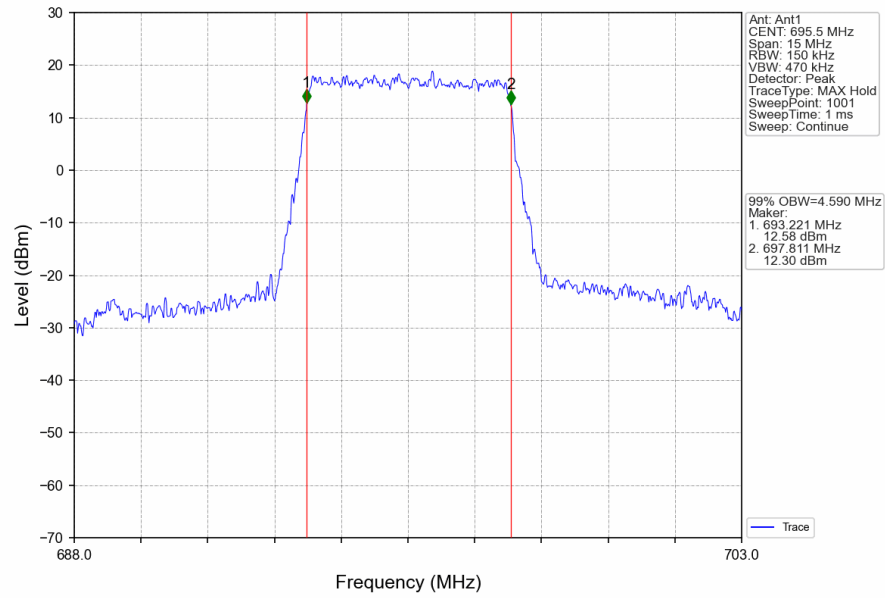
3.1.1 Test Result

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	4.565	/	Pass
		680.5	25	0	4.554	/	Pass
		695.5	25	0	4.590	/	Pass
	16QAM	665.5	25	0	4.598	/	Pass
		680.5	25	0	4.575	/	Pass
		695.5	25	0	4.575	/	Pass
10	QPSK	668	50	0	9.059	/	Pass
		680.5	50	0	9.115	/	Pass
		693	50	0	9.092	/	Pass
	16QAM	668	50	0	9.038	/	Pass
		680.5	50	0	9.074	/	Pass
		693	50	0	9.092	/	Pass
15	QPSK	670.5	75	0	13.552	/	Pass
		680.5	75	0	13.602	/	Pass
		690.5	75	0	13.620	/	Pass
	16QAM	670.5	75	0	13.577	/	Pass
		680.5	75	0	13.653	/	Pass
		690.5	75	0	13.588	/	Pass
20	QPSK	673	100	0	18.053	/	Pass
		683	100	0	18.059	/	Pass
		688	100	0	18.082	/	Pass
	16QAM	673	100	0	18.160	/	Pass
		683	100	0	18.083	/	Pass
		688	100	0	18.029	/	Pass

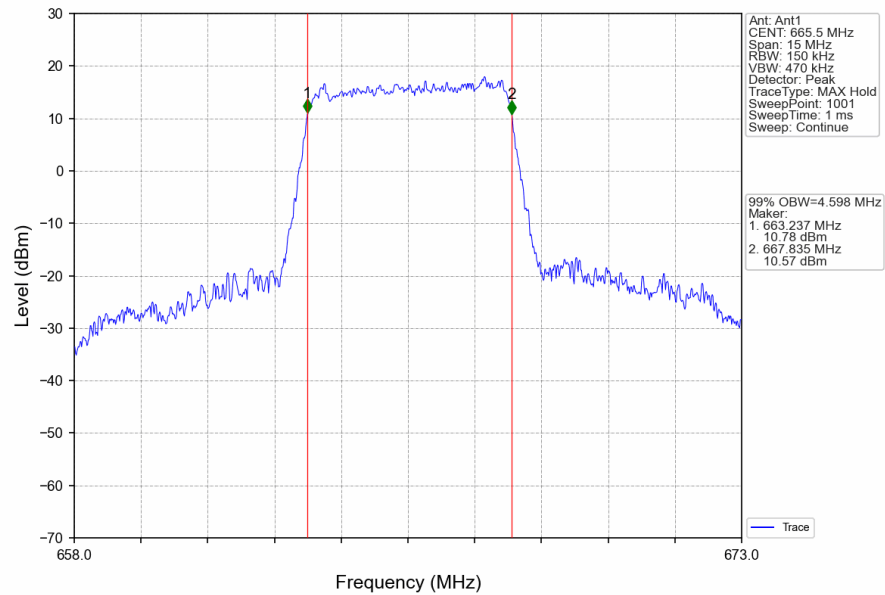
3.1.2 Test Graph



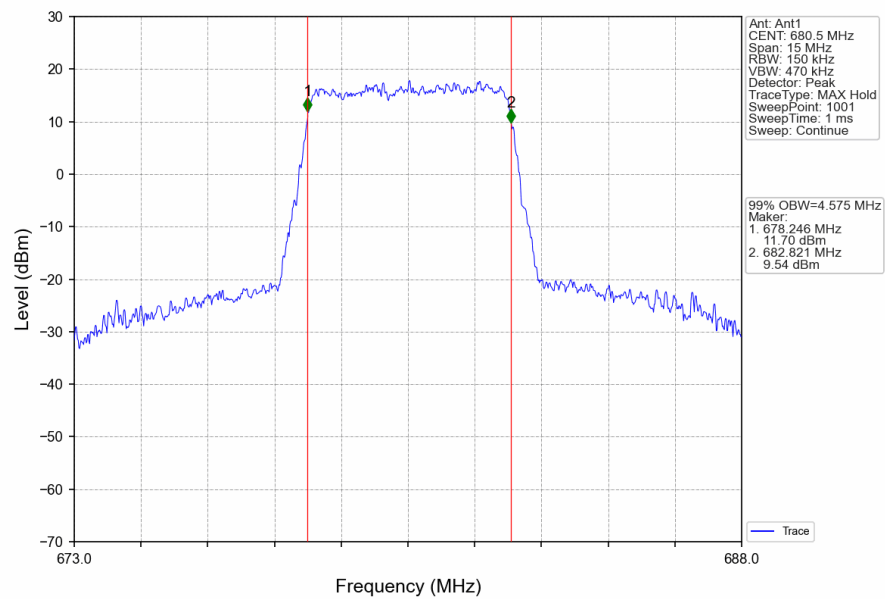
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



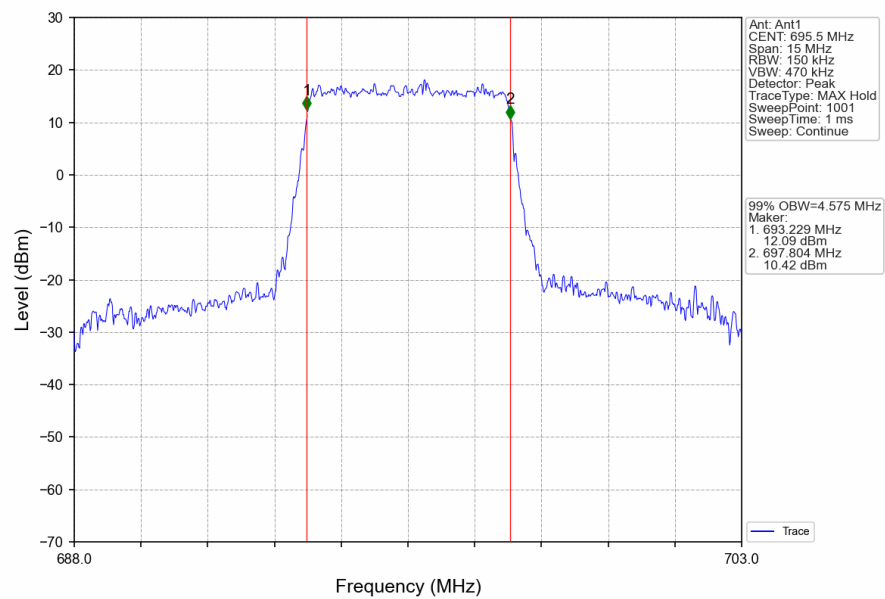
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



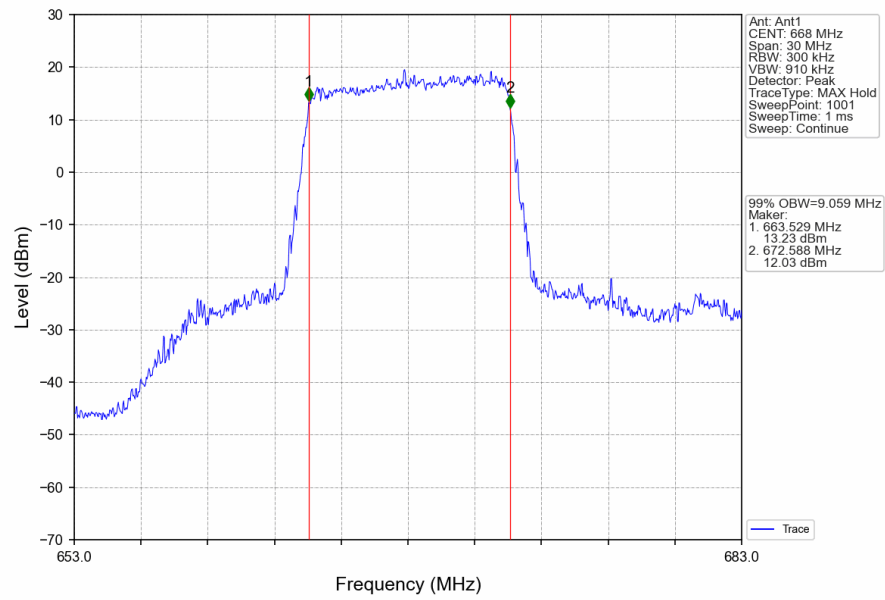
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



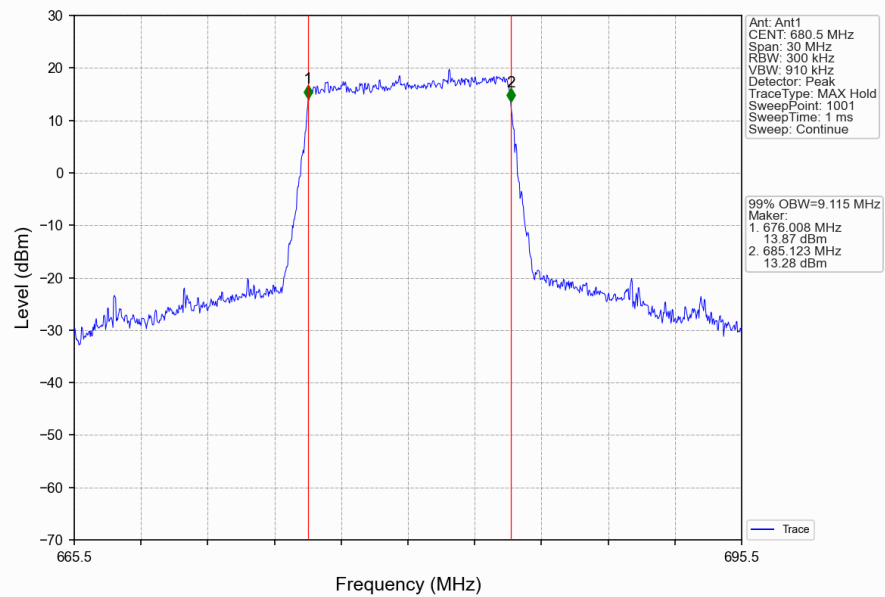
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



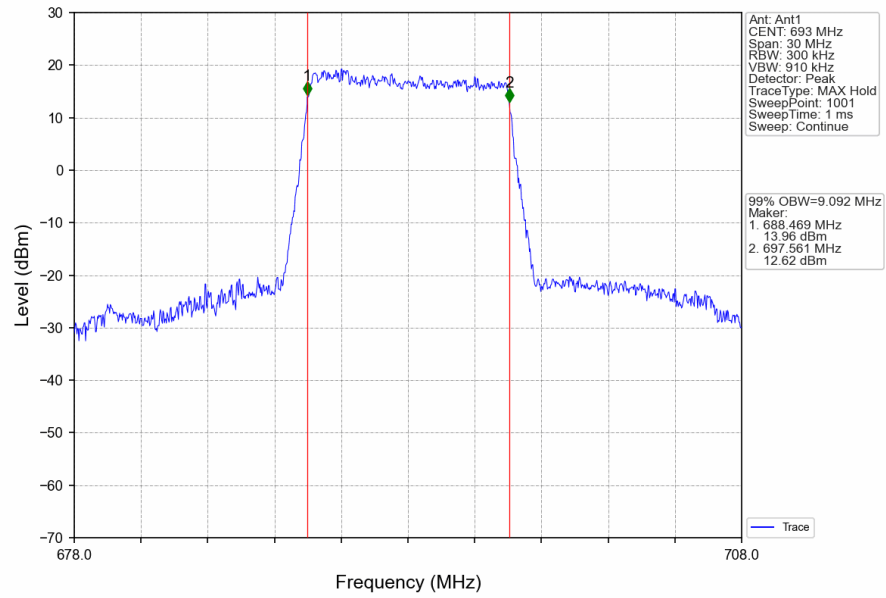
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



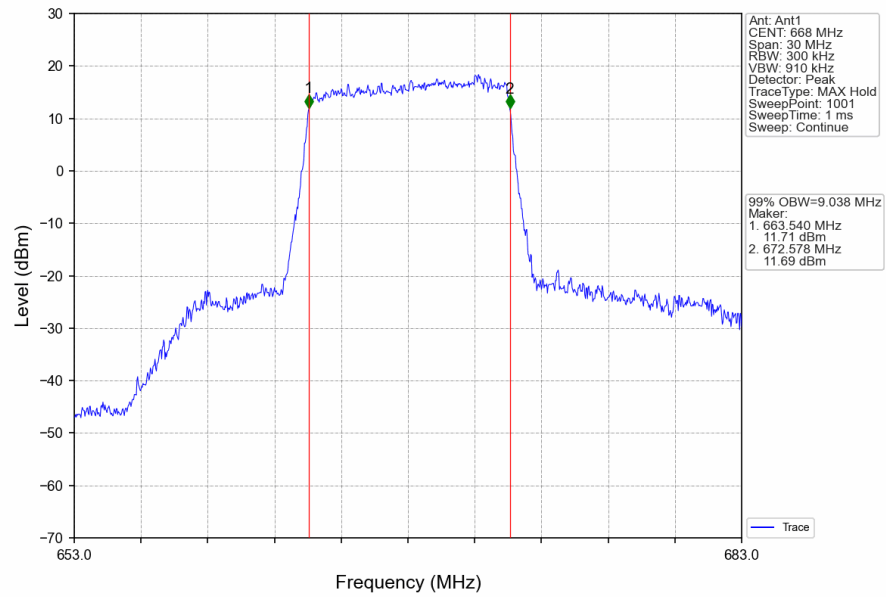
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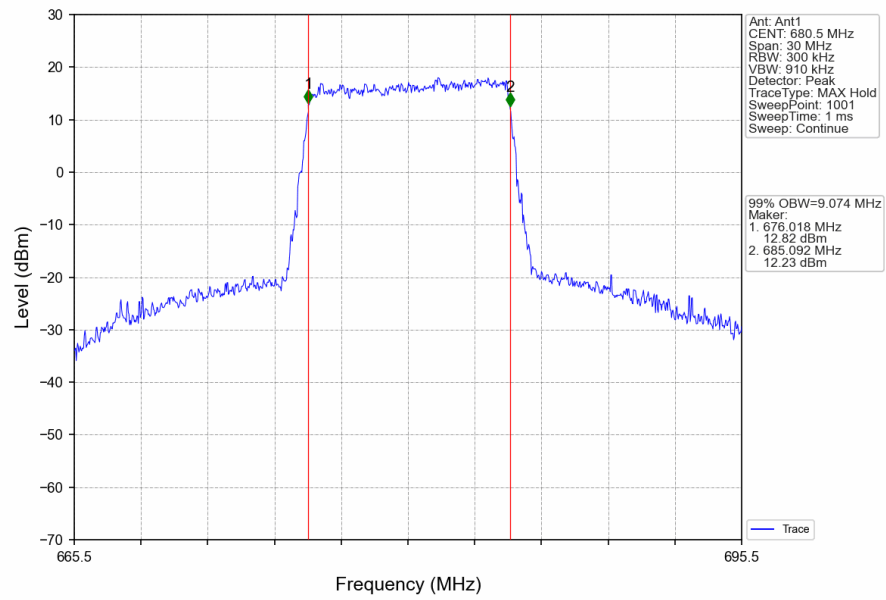
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



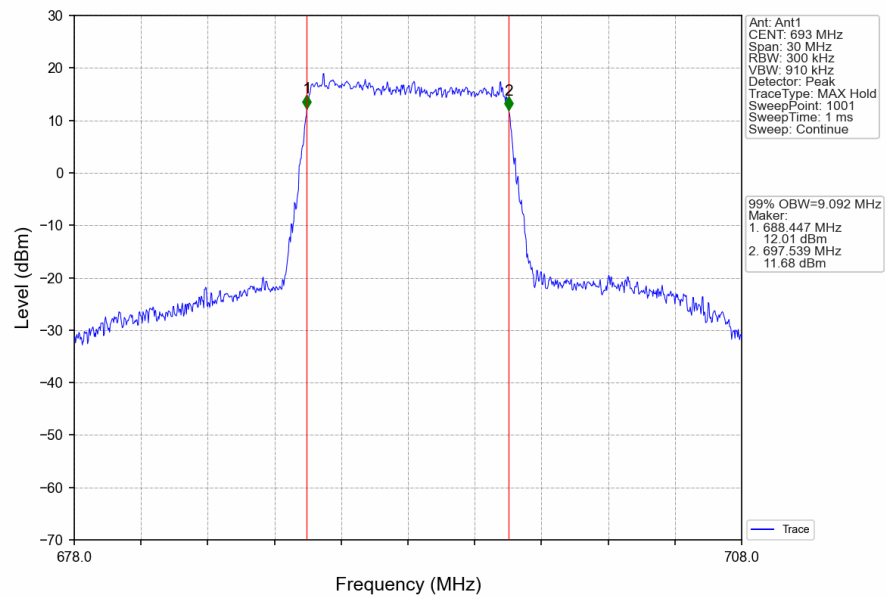
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



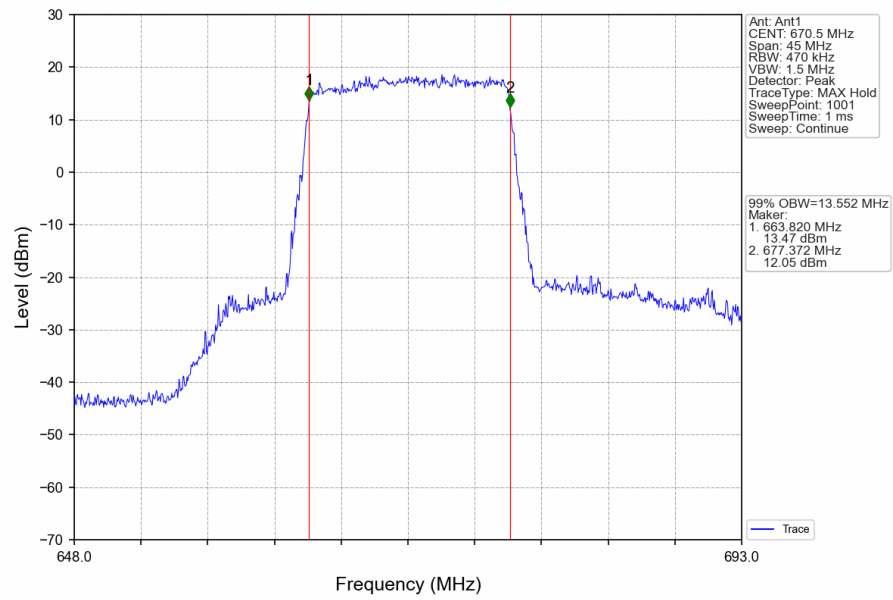
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



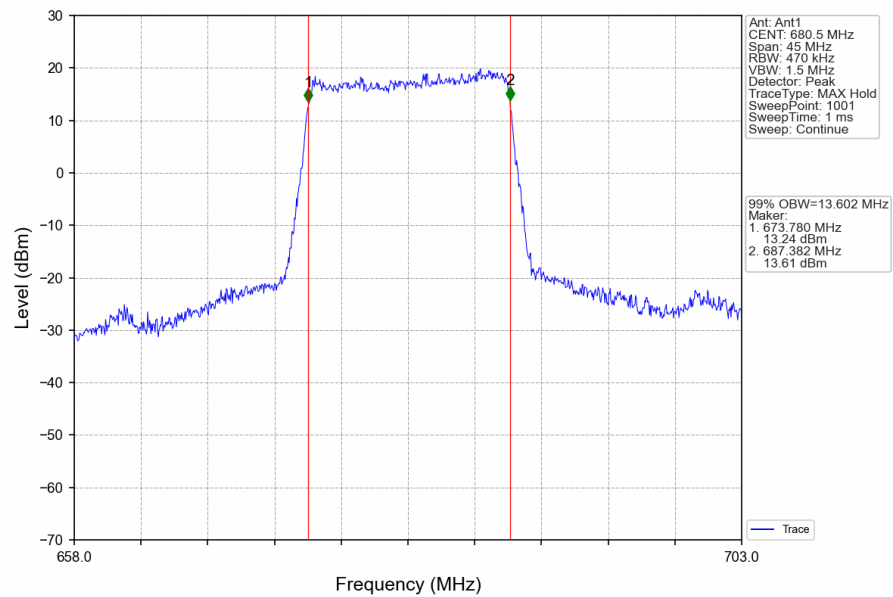
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



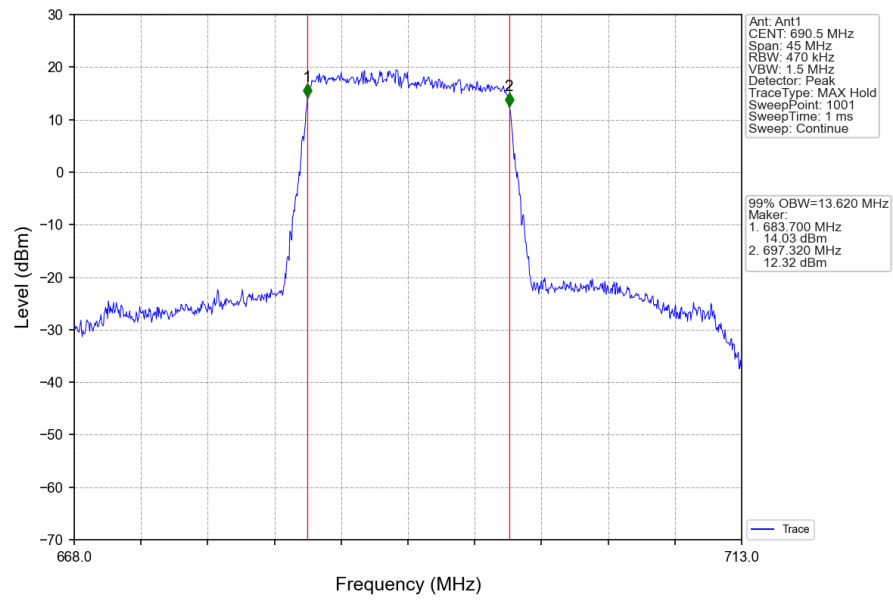
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



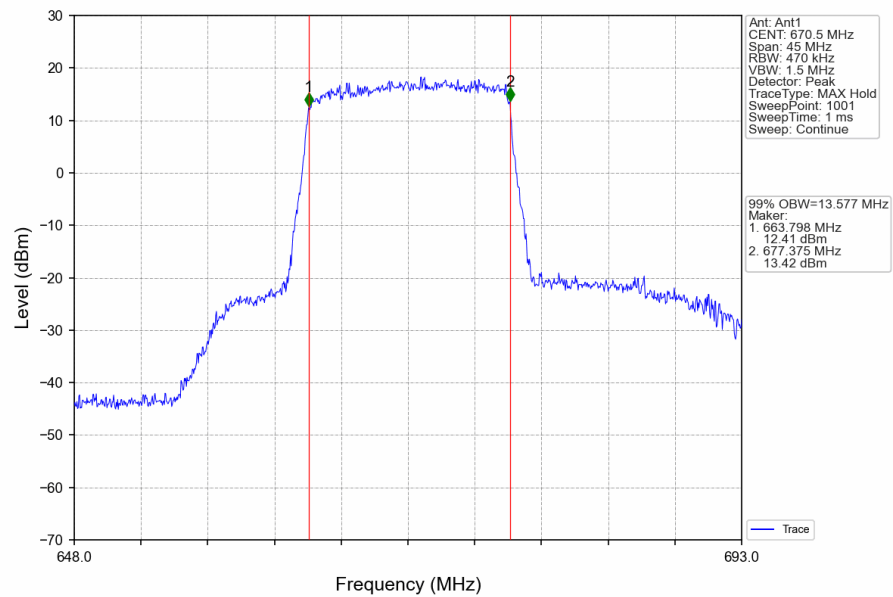
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



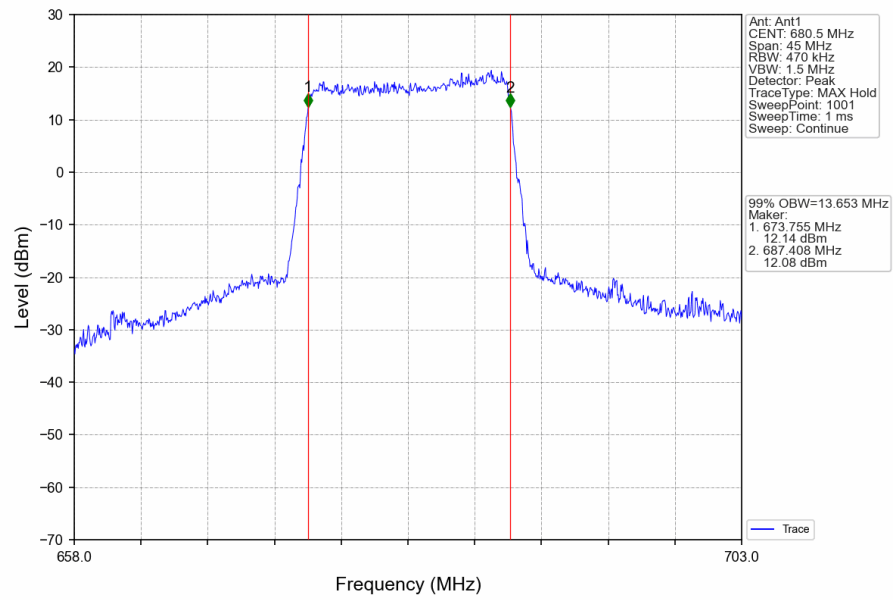
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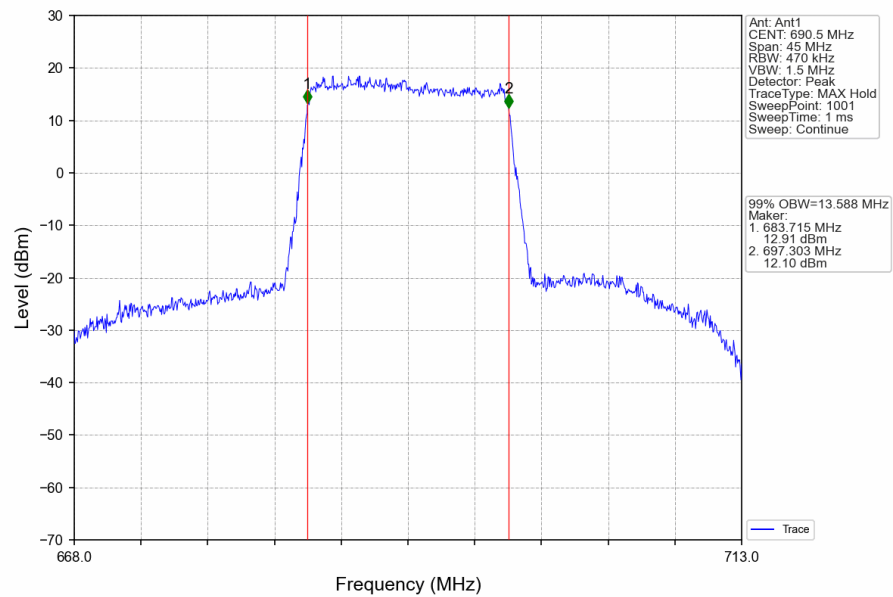
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



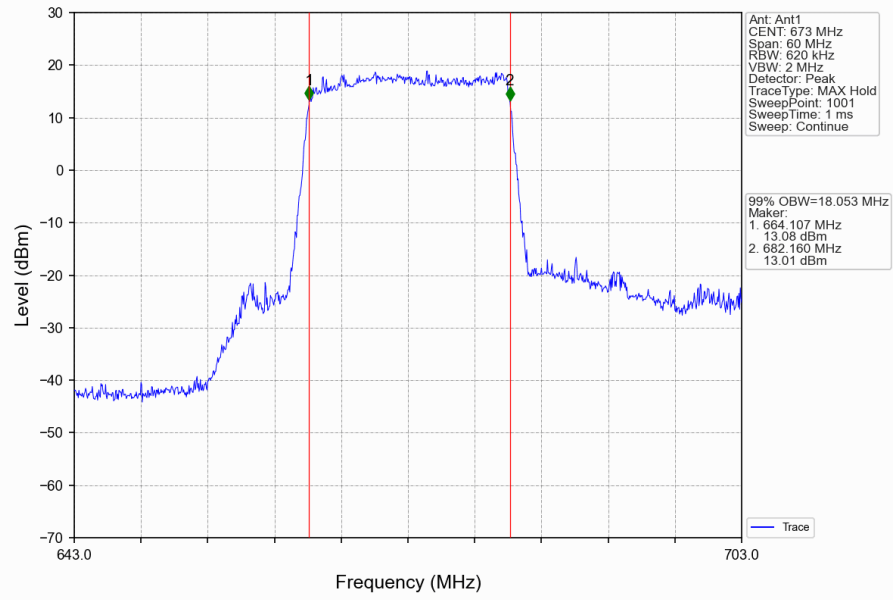
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



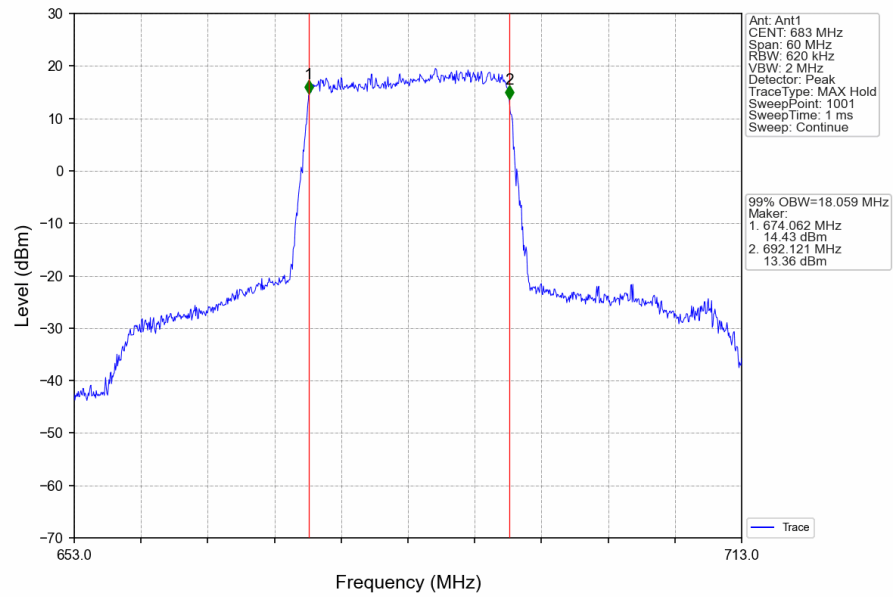
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



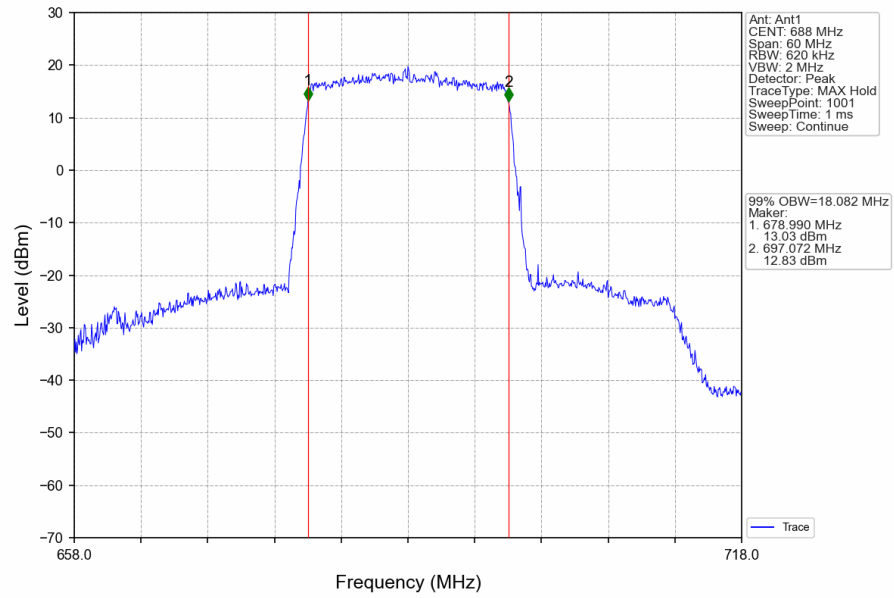
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



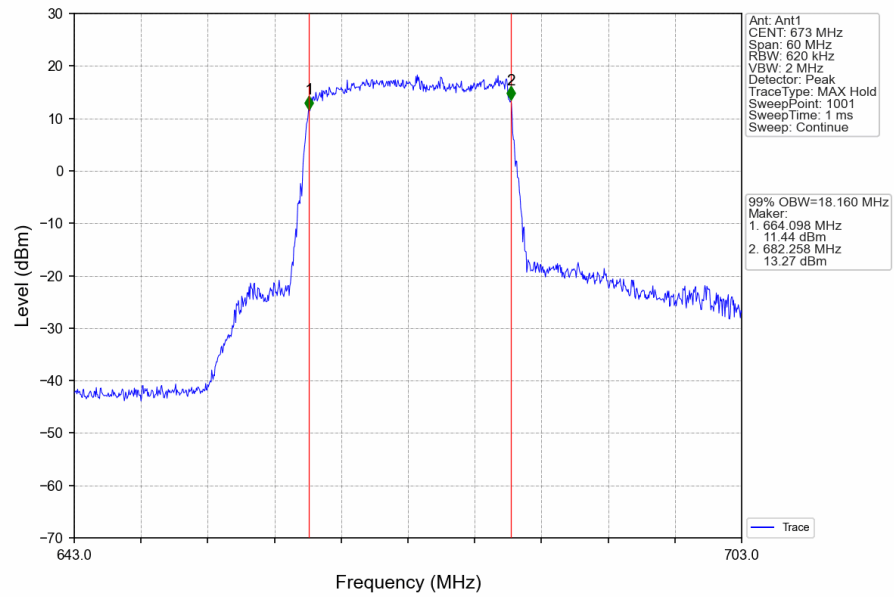
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



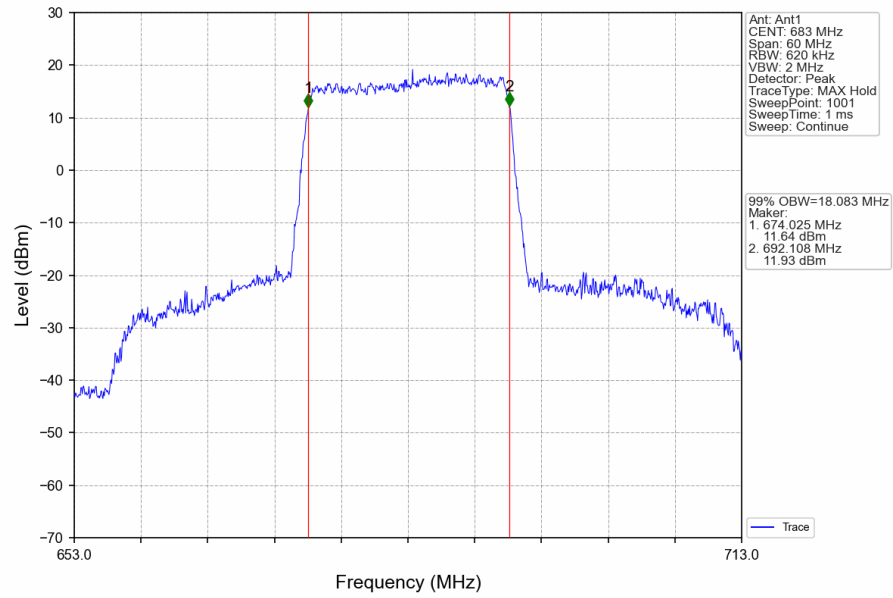
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



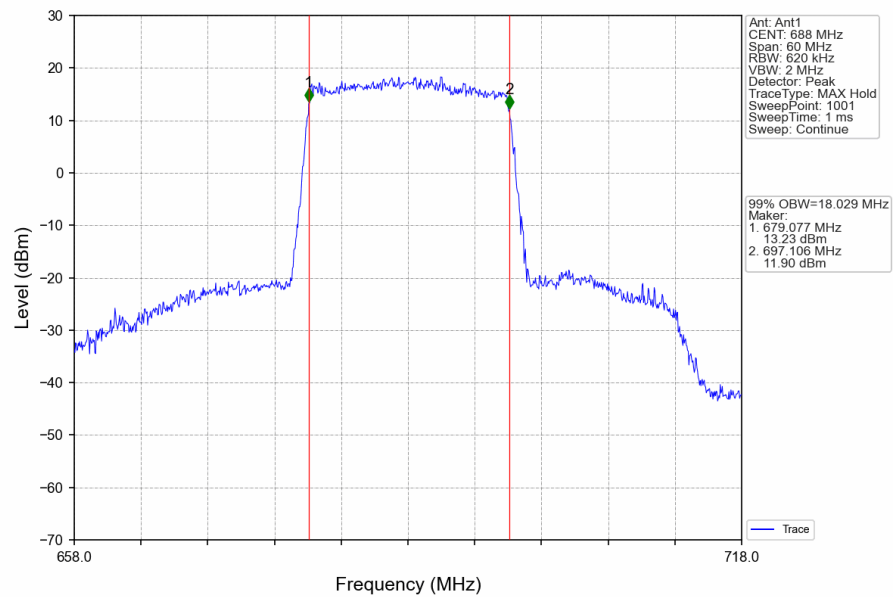
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV

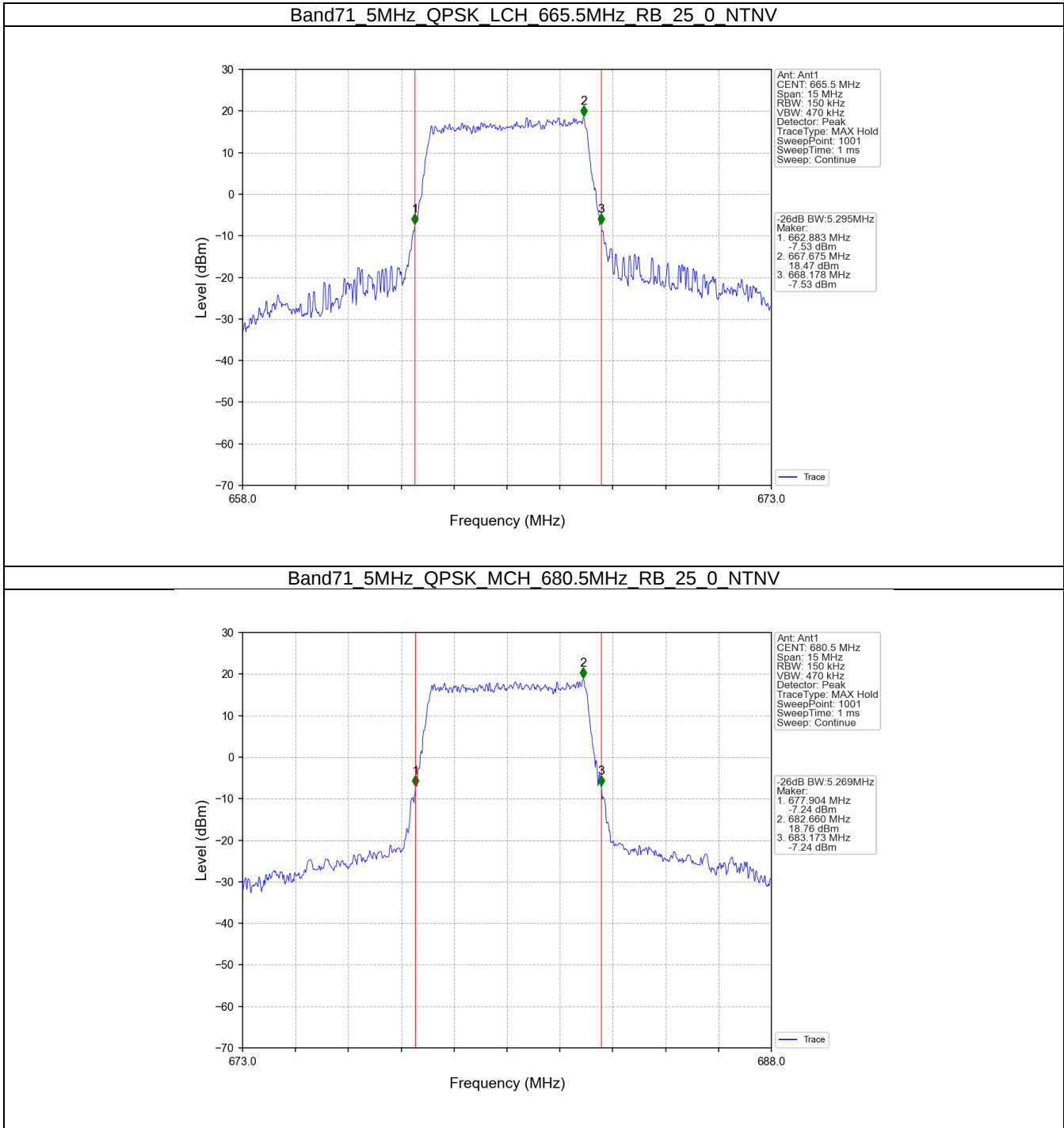


3.2 Band71_XDB

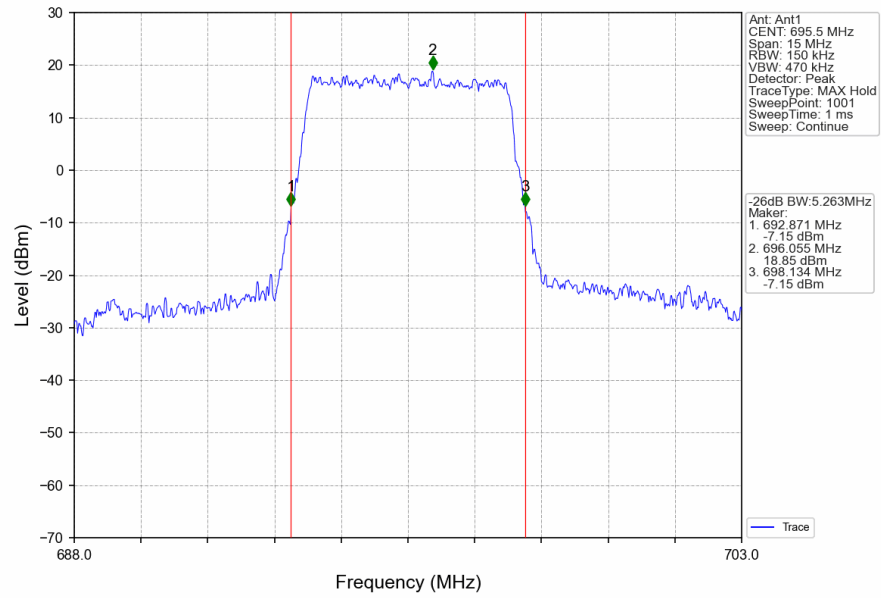
3.2.1 Test Result

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	5.295	/	Pass
		680.5	25	0	5.269	/	Pass
		695.5	25	0	5.263	/	Pass
	16QAM	665.5	25	0	5.293	/	Pass
		680.5	25	0	5.279	/	Pass
		695.5	25	0	5.225	/	Pass
10	QPSK	668	50	0	10.270	/	Pass
		680.5	50	0	10.180	/	Pass
		693	50	0	10.241	/	Pass
	16QAM	668	50	0	10.149	/	Pass
		680.5	50	0	10.236	/	Pass
		693	50	0	10.242	/	Pass
15	QPSK	670.5	75	0	15.491	/	Pass
		680.5	75	0	15.212	/	Pass
		690.5	75	0	15.249	/	Pass
	16QAM	670.5	75	0	15.295	/	Pass
		680.5	75	0	15.267	/	Pass
		690.5	75	0	15.175	/	Pass
20	QPSK	673	100	0	19.952	/	Pass
		683	100	0	20.026	/	Pass
		688	100	0	20.212	/	Pass
	16QAM	673	100	0	20.111	/	Pass
		683	100	0	19.794	/	Pass
		688	100	0	19.897	/	Pass

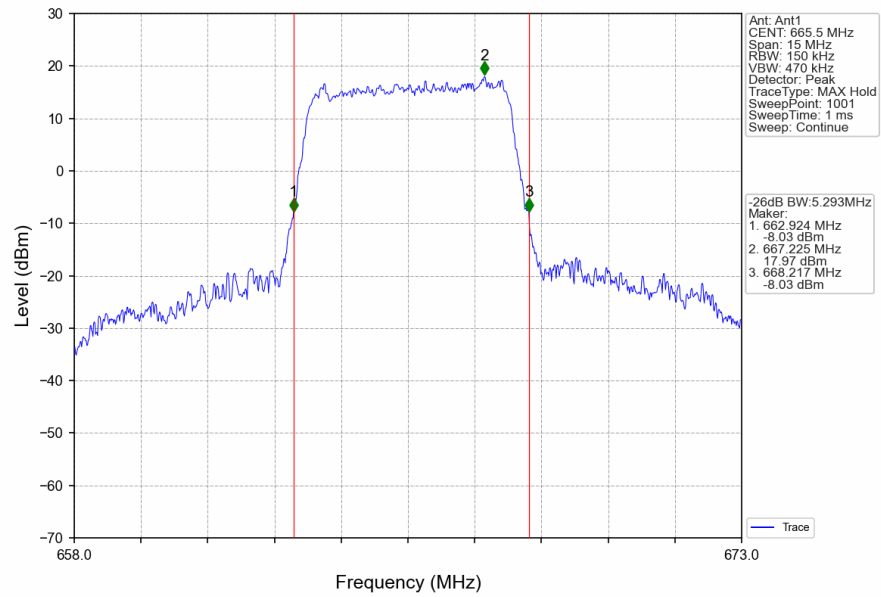
3.2.2 Test Graph



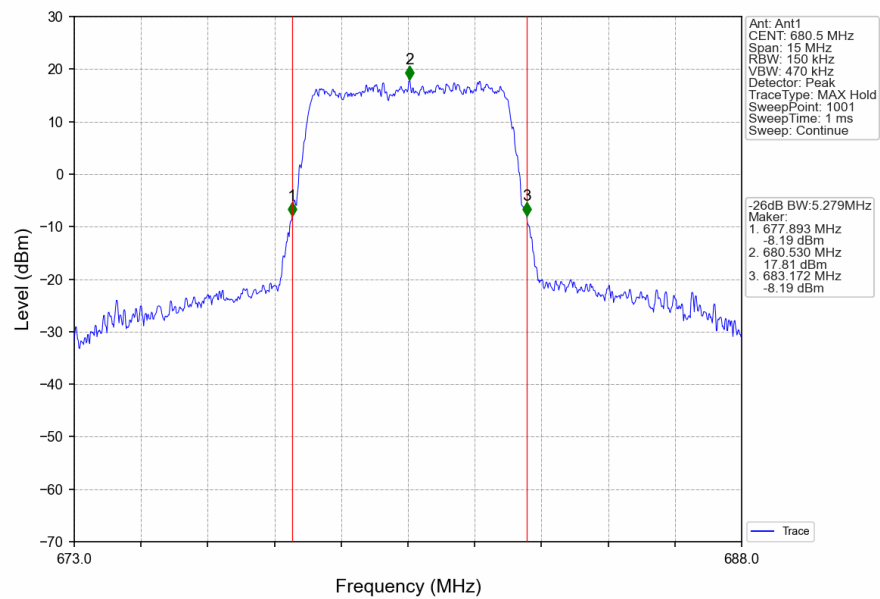
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



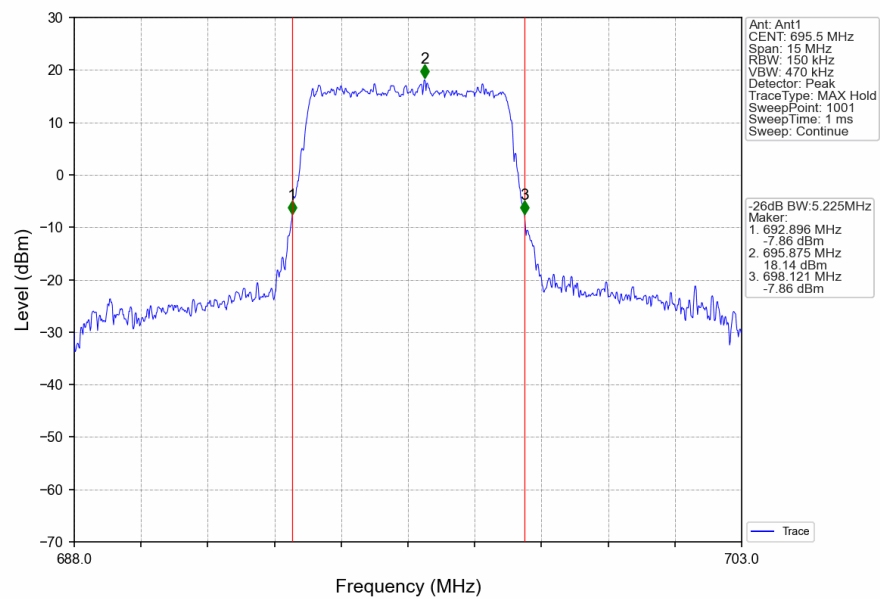
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



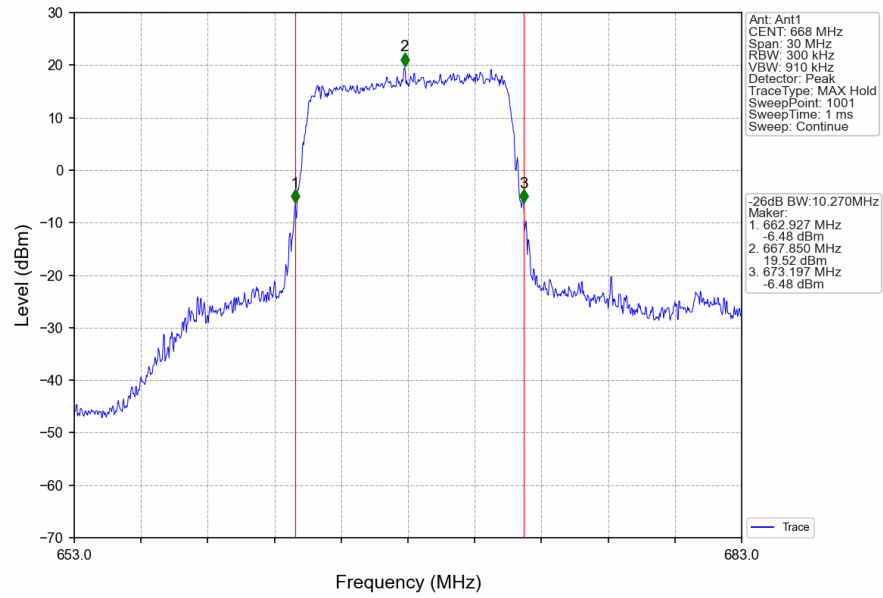
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



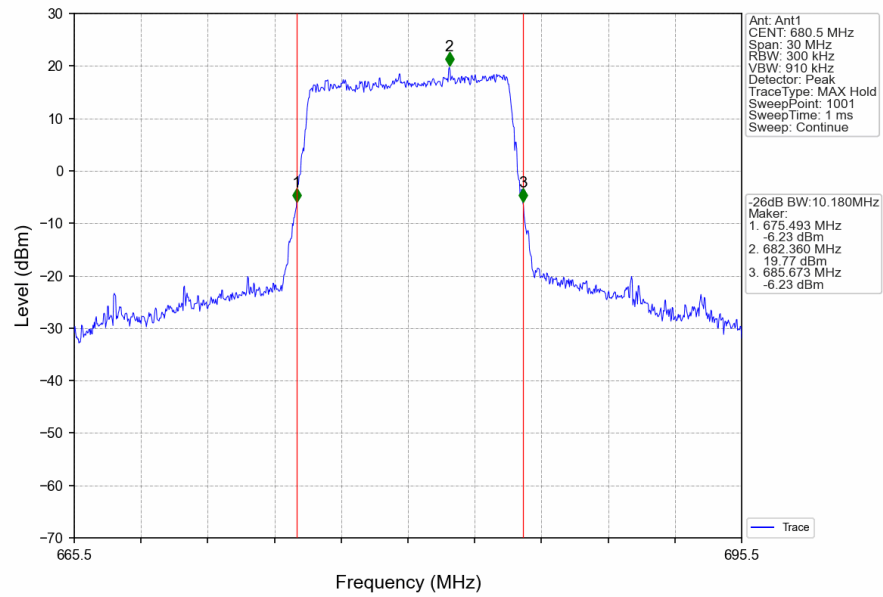
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



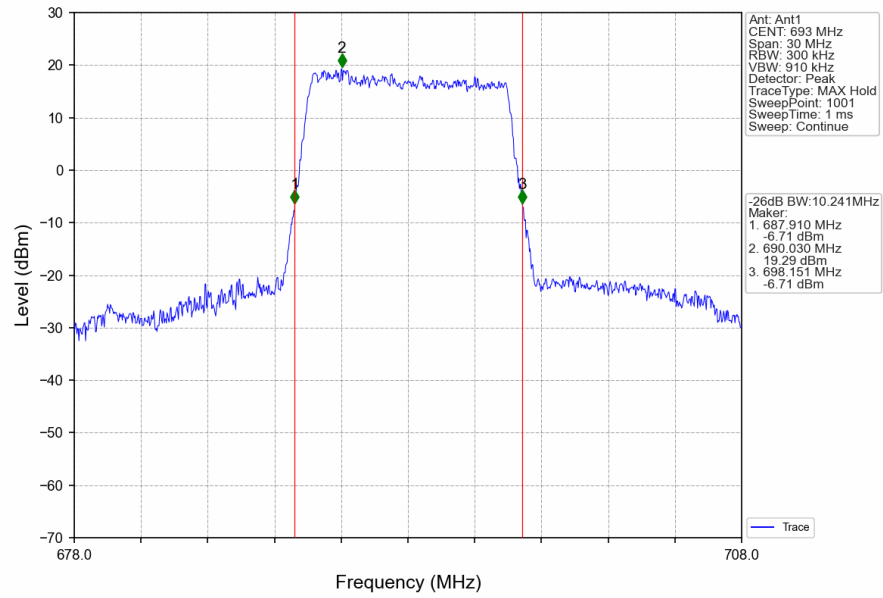
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



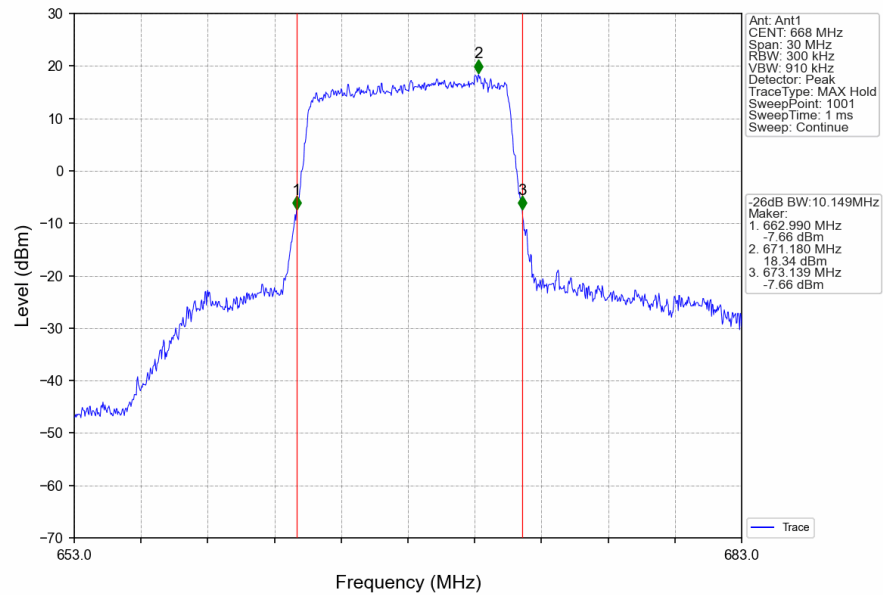
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



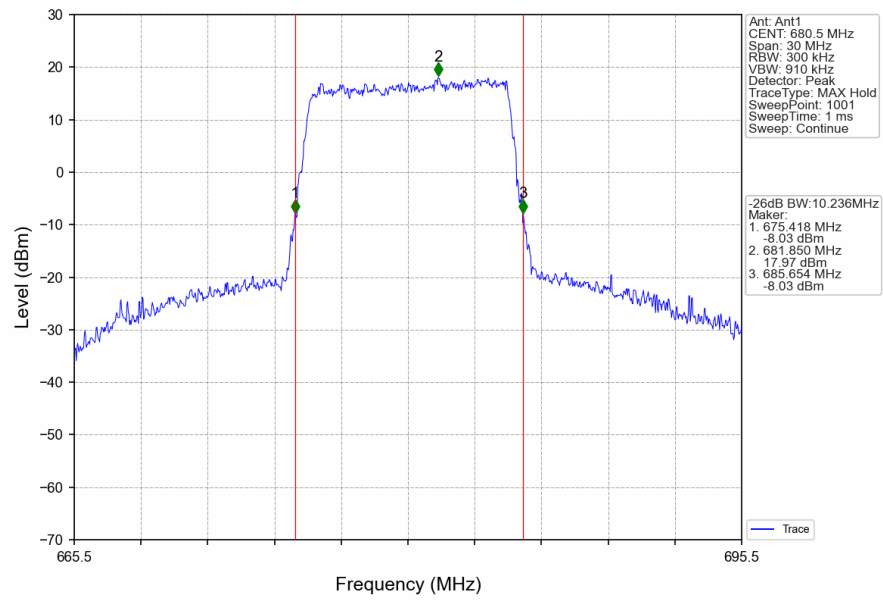
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



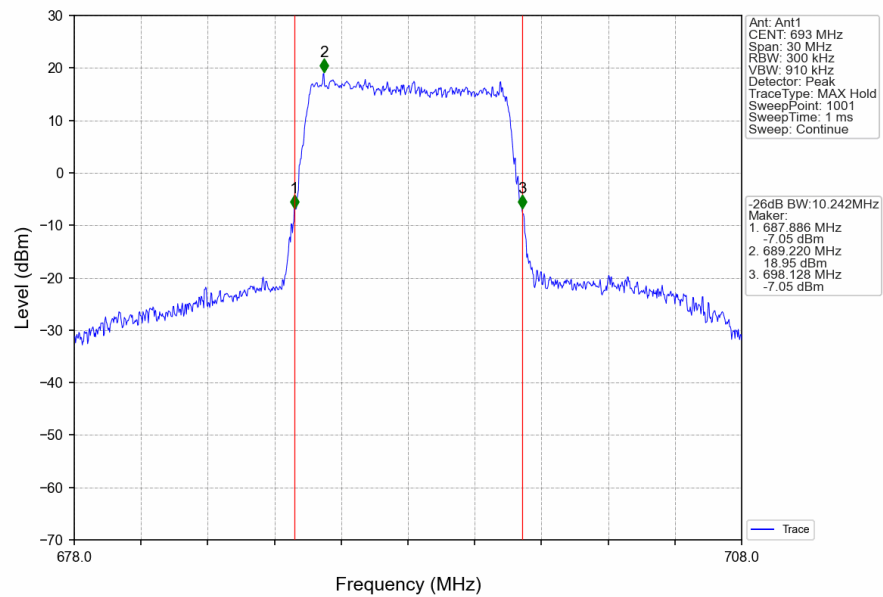
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



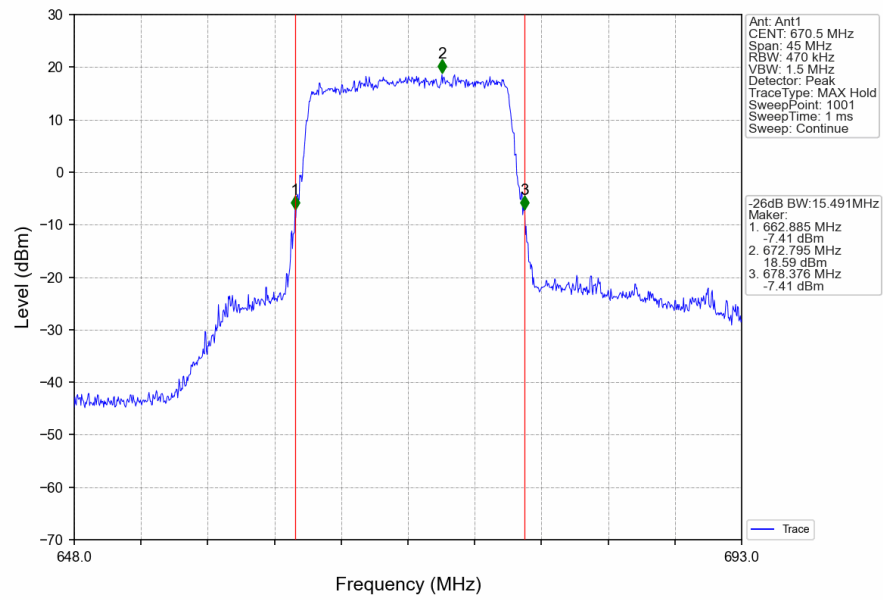
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



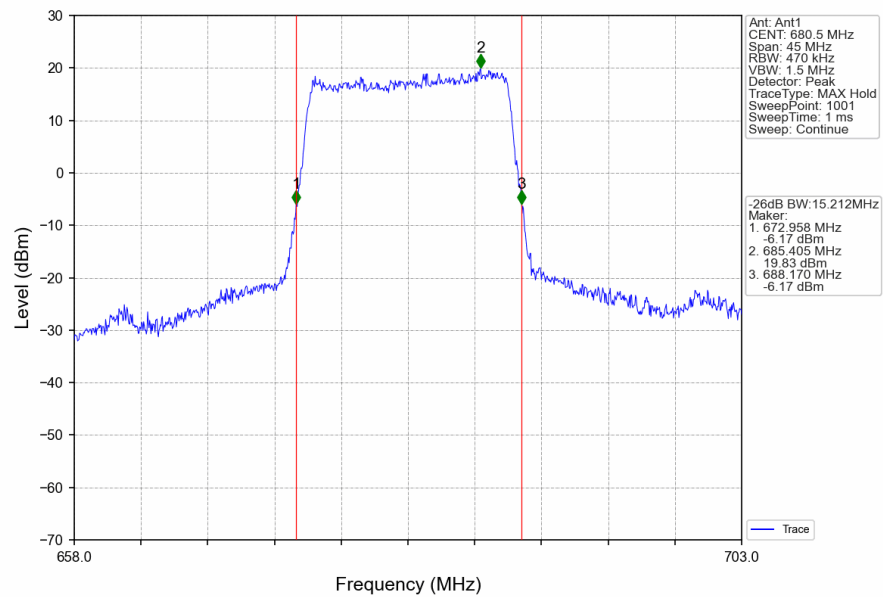
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



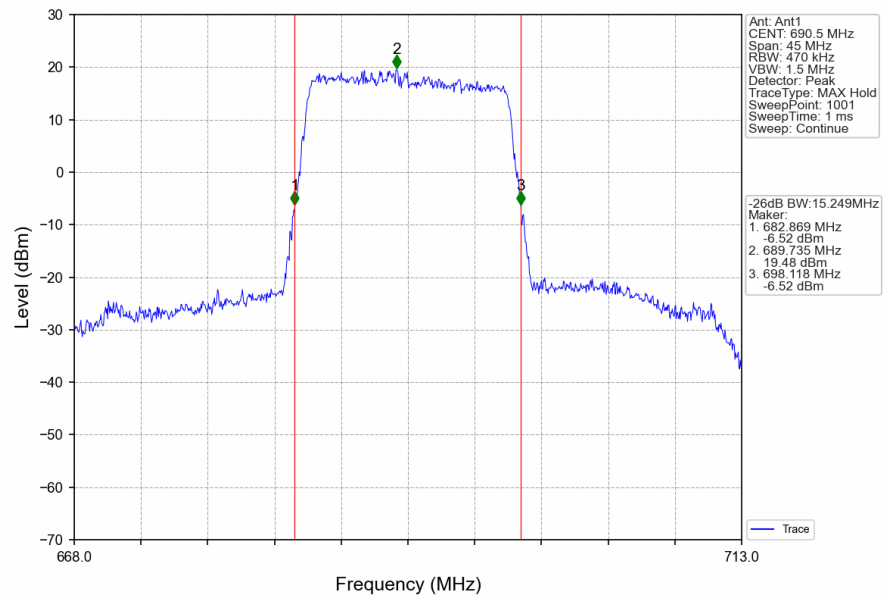
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



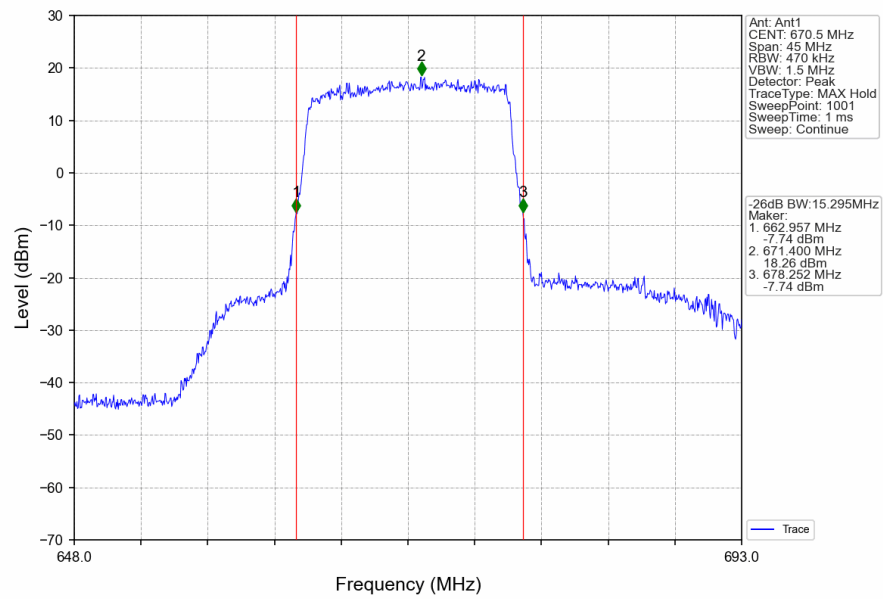
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



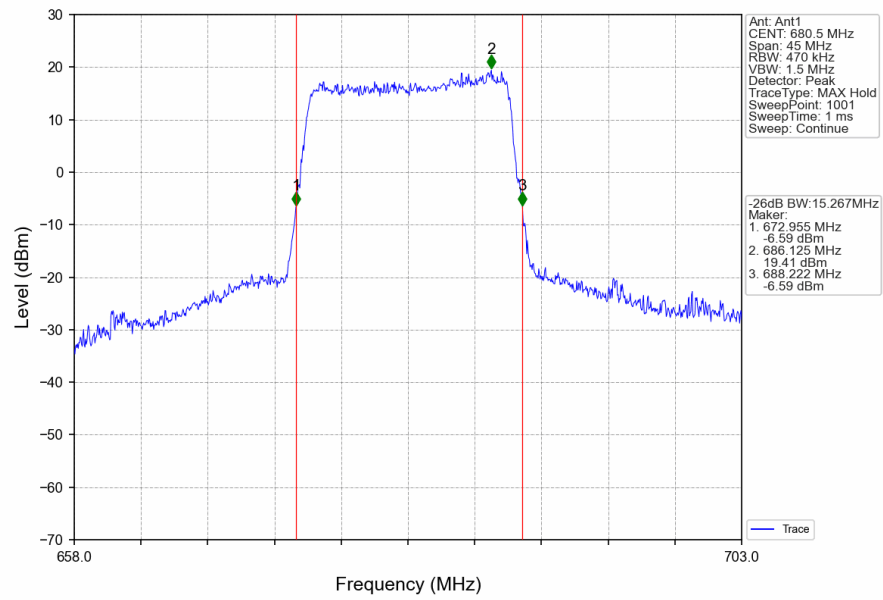
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



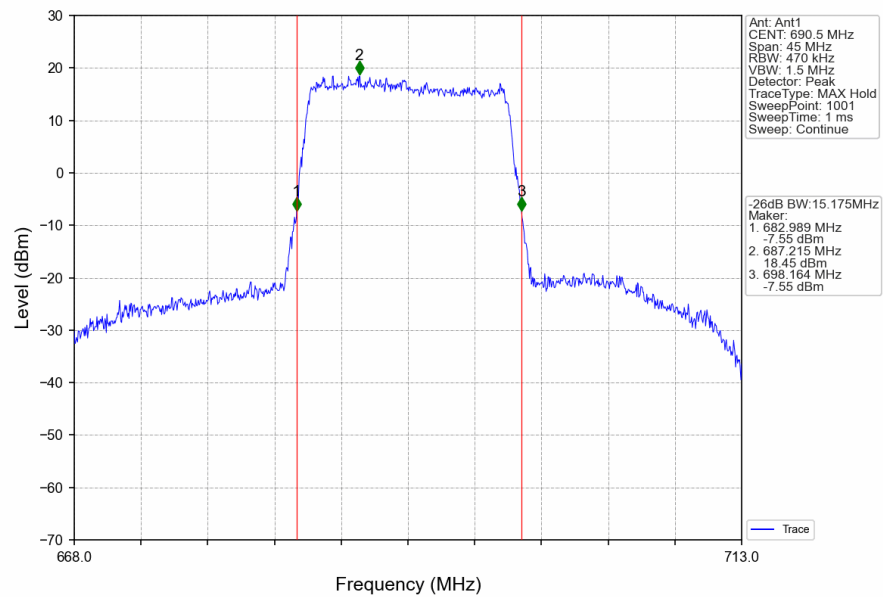
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



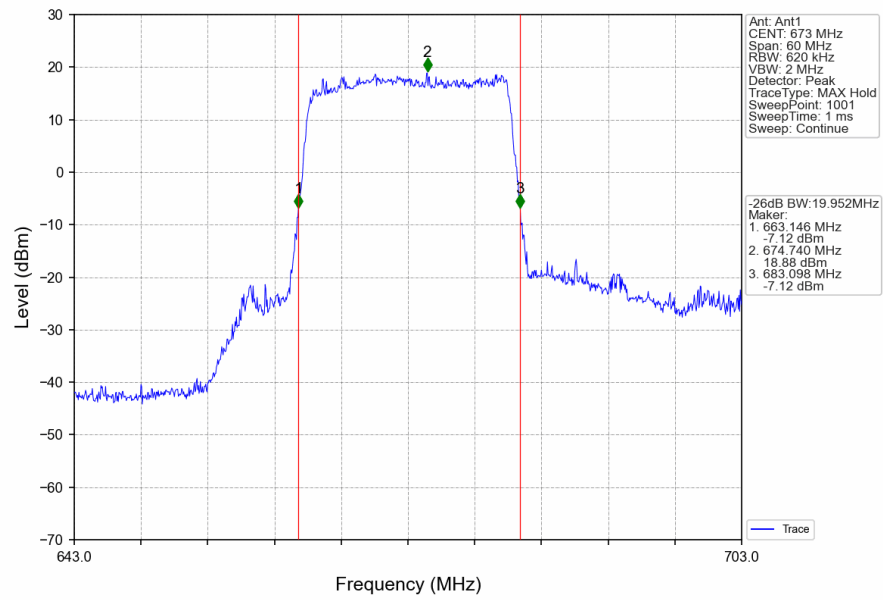
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



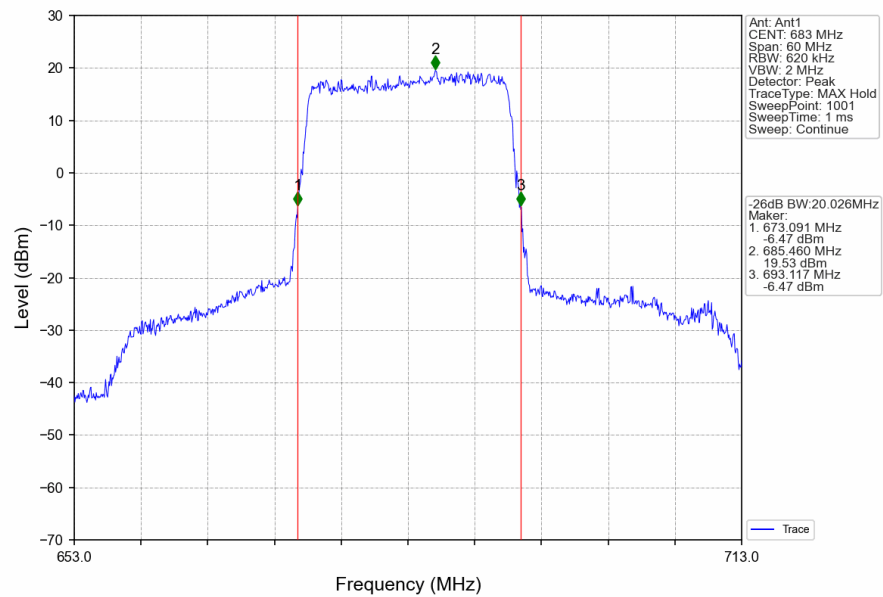
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



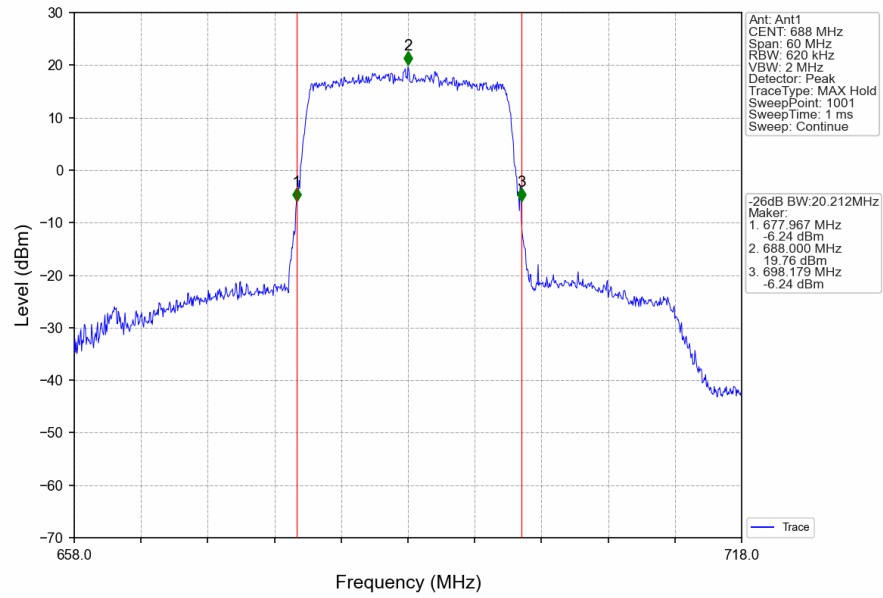
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



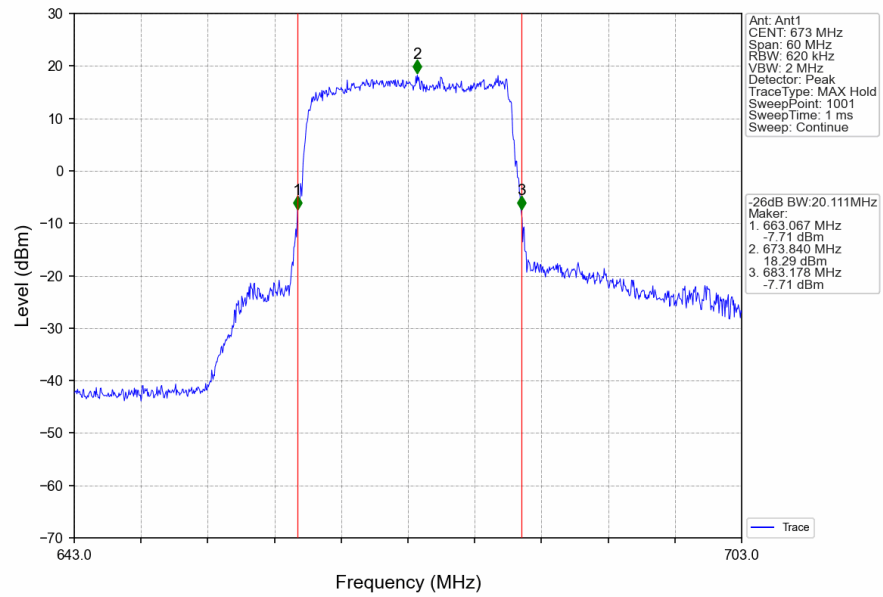
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



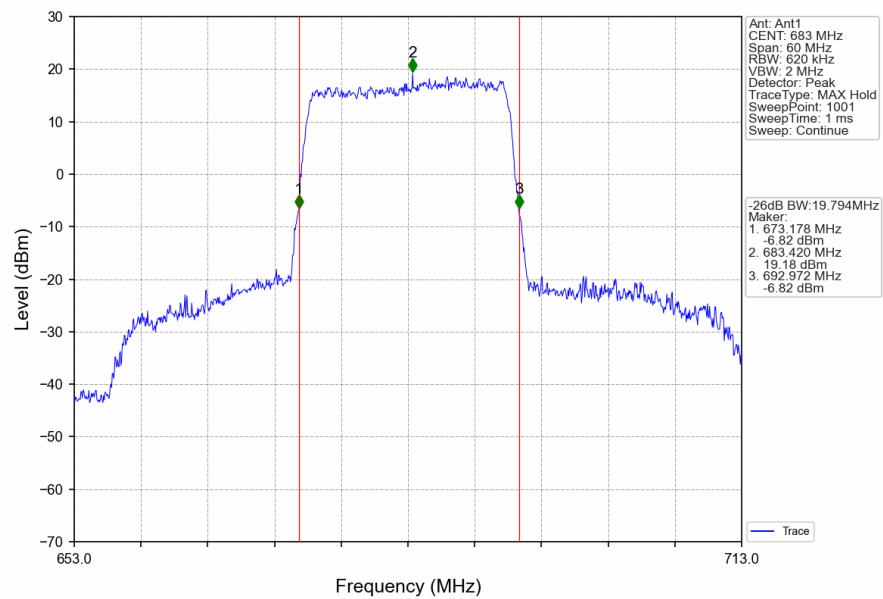
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



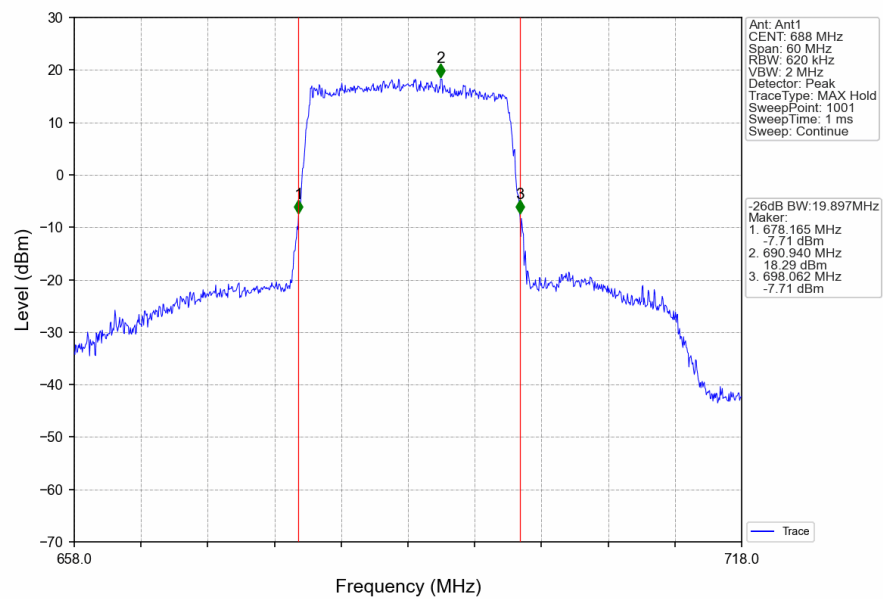
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



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



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



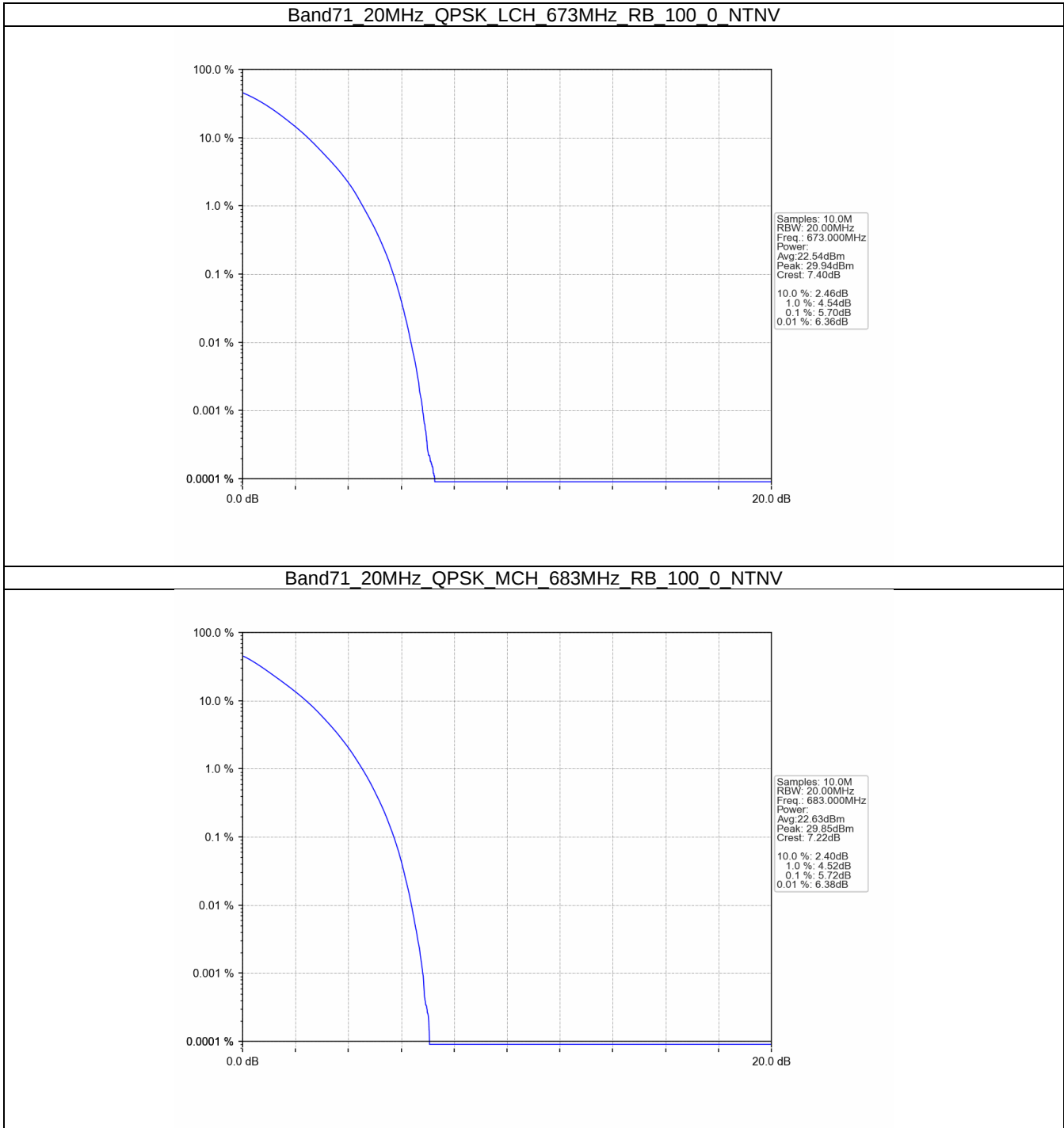
4. Peak-Average Ratio

4.1 B71_20MHz

4.1.1 Test Result

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.70	<=13	Pass
	683	100	0	5.72	<=13	Pass
	688	100	0	5.65	<=13	Pass
16QAM	673	100	0	6.51	<=13	Pass
	683	100	0	6.53	<=13	Pass
	688	100	0	6.45	<=13	Pass

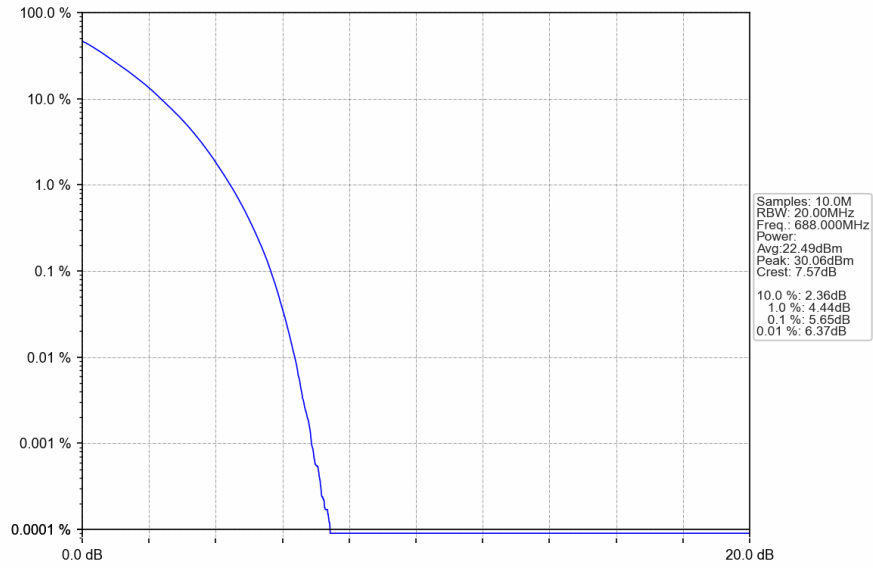
4.1.2 Test Graph



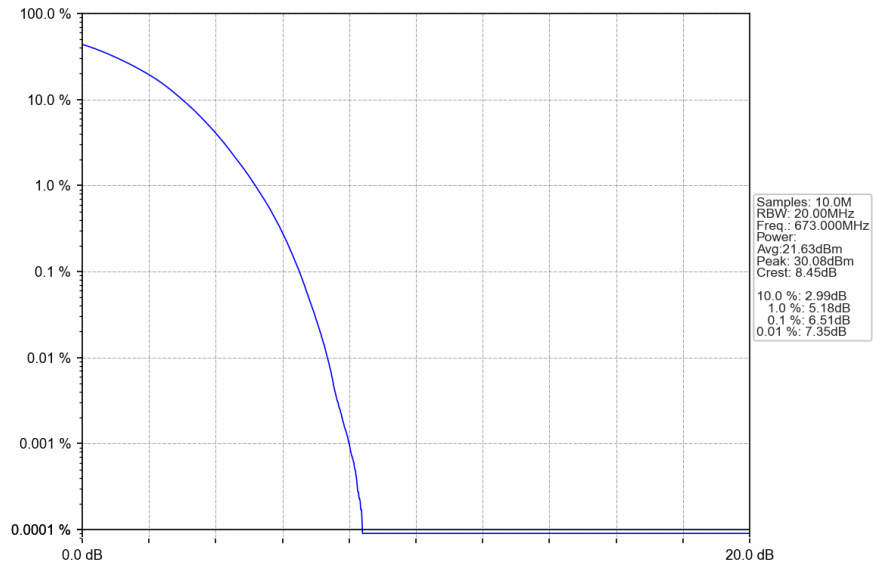
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV

Samples: 10.0M
RBW: 20.00MHz
Freq: 683.000MHz
Power:
Avg: 22.63dBm
Peak: 29.85dBm
Crest: 7.22dB

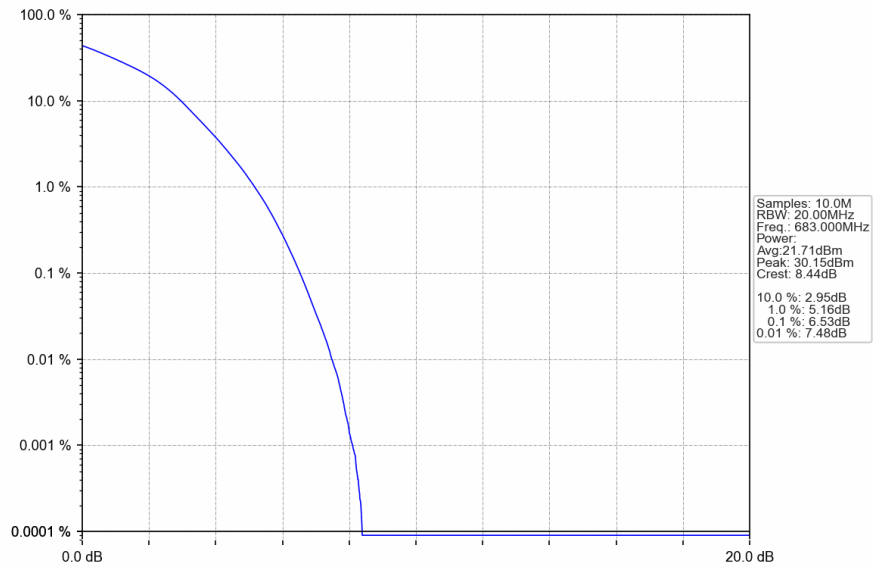
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



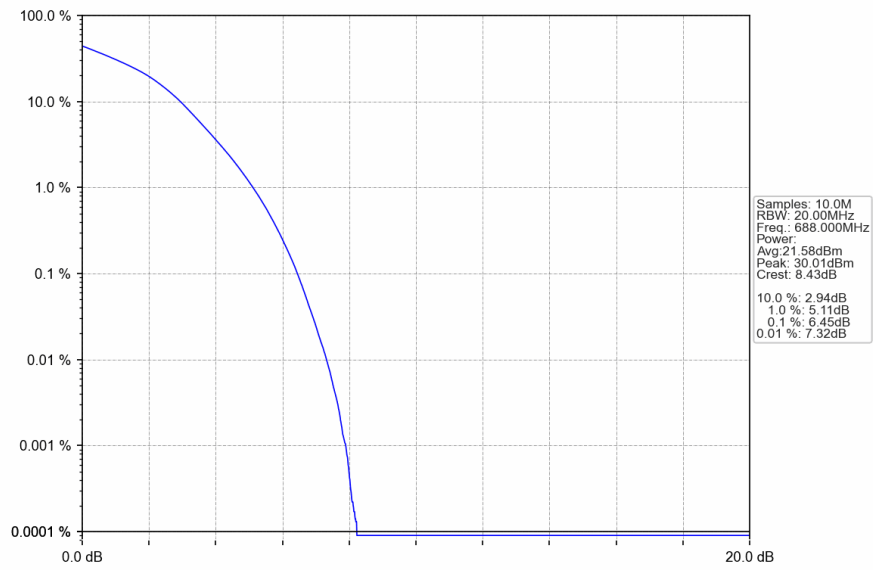
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



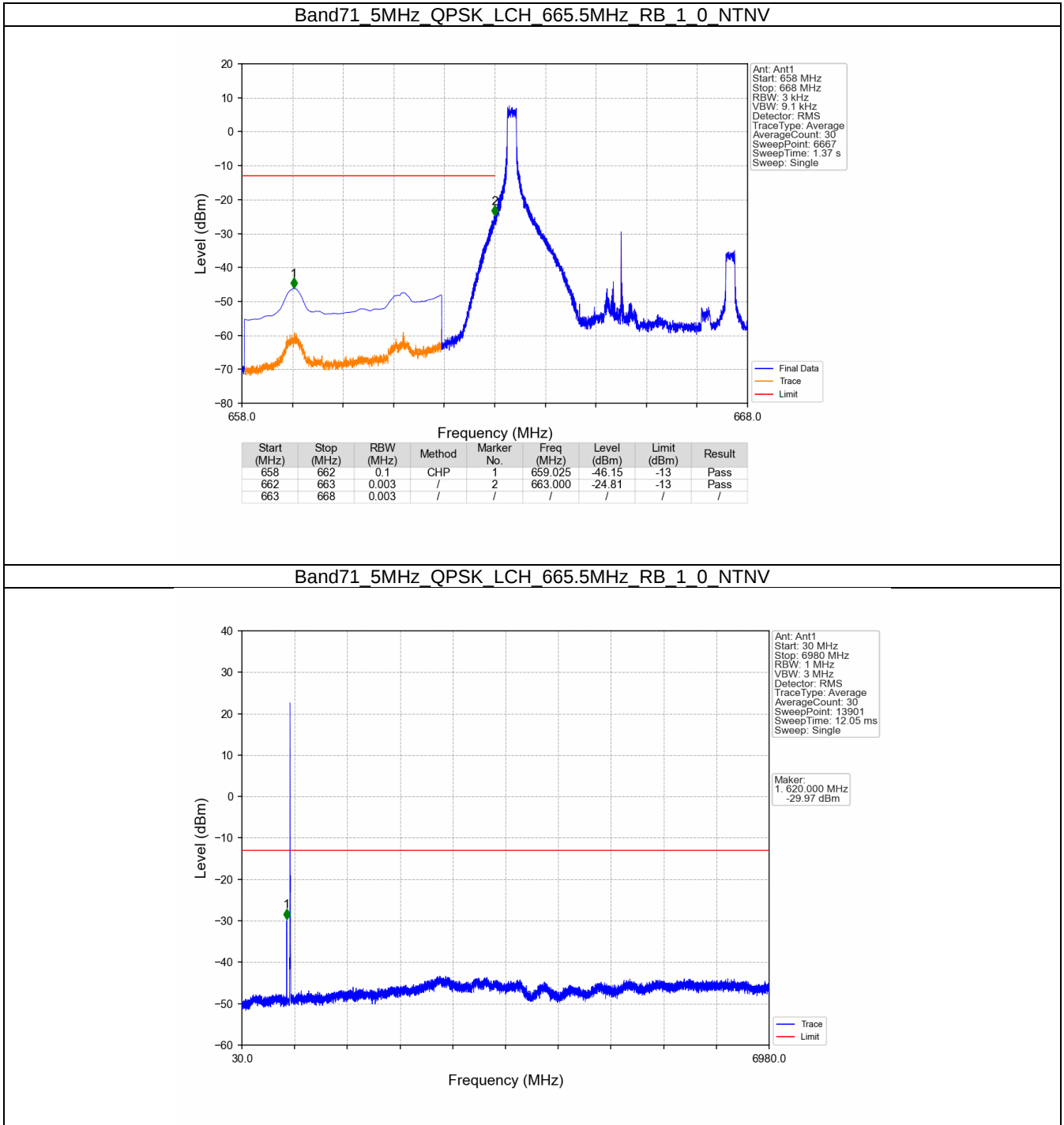
5. Spurious Emission

5.1 B71_5MHz

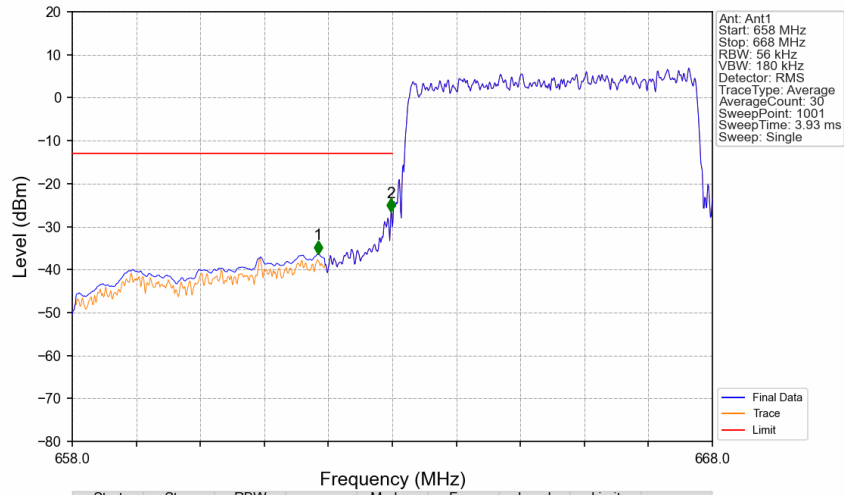
5.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
		695.5	1	0	Refer To Test Graph	
	24			Refer To Test Graph		Pass
	25		0	Refer To Test Graph		Pass

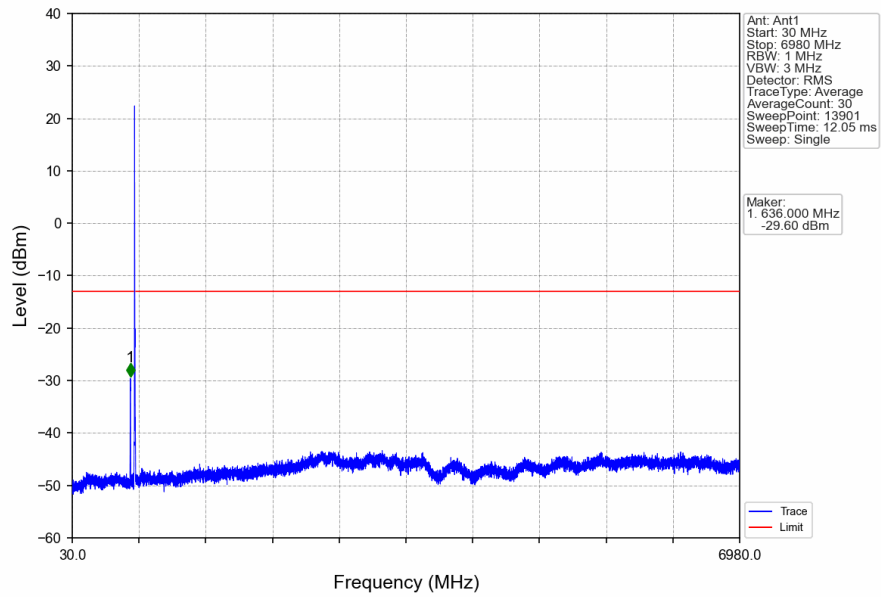
5.1.2 Test Graph



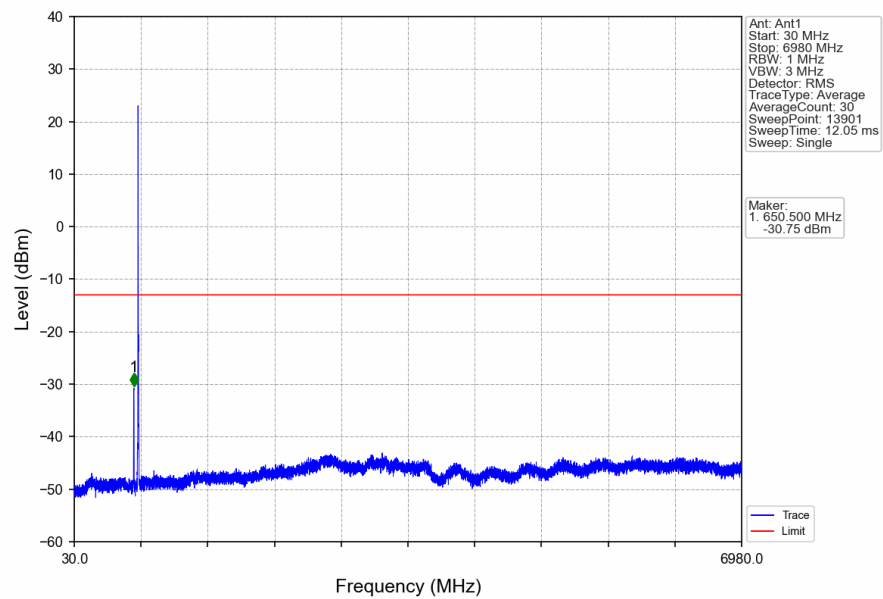
Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



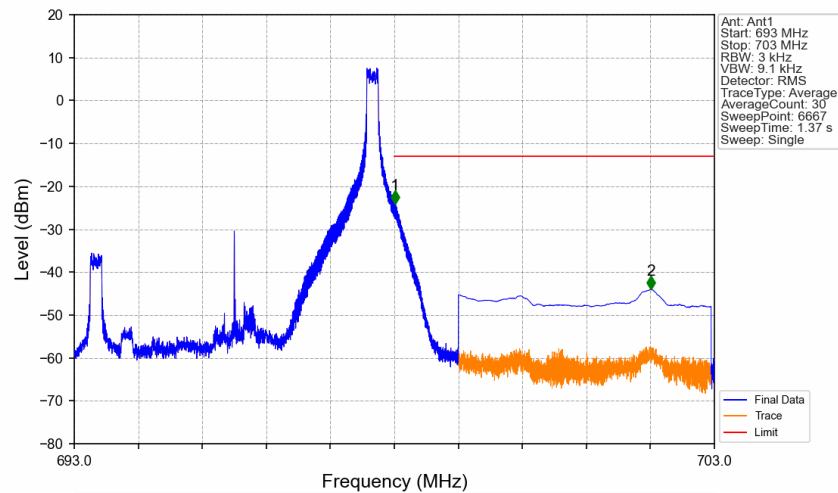
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71 5MHz QPSK HCH 695.5MHz RB 1 0 NTNV

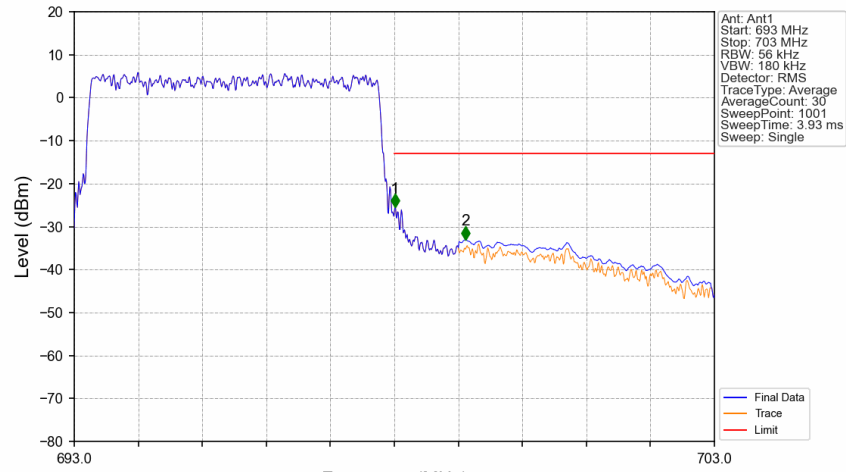


Band71 5MHz QPSK HCH 695.5MHz RB 1 24 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.009	-24.10	-13	Pass
699	703	0.1	CHP	2	702.004	-43.98	-13	Pass

Band71_ 5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



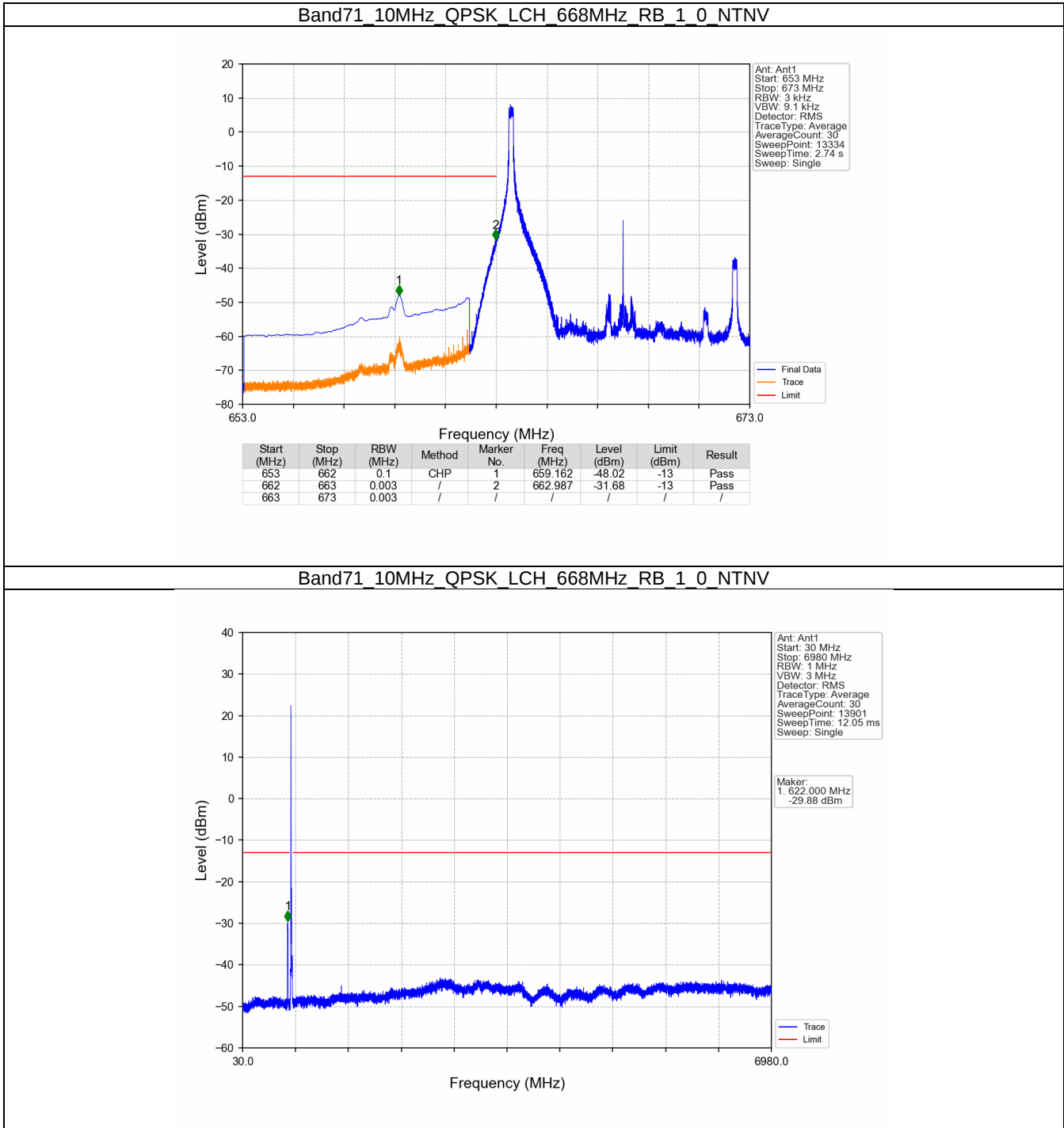
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.056	/	/	/	/	/	/
698	699	0.056	/	1	698.010	-25.46	-13	Pass
699	703	0.1	CHP	2	699.110	-33.02	-13	Pass

5.2 B71_10MHz

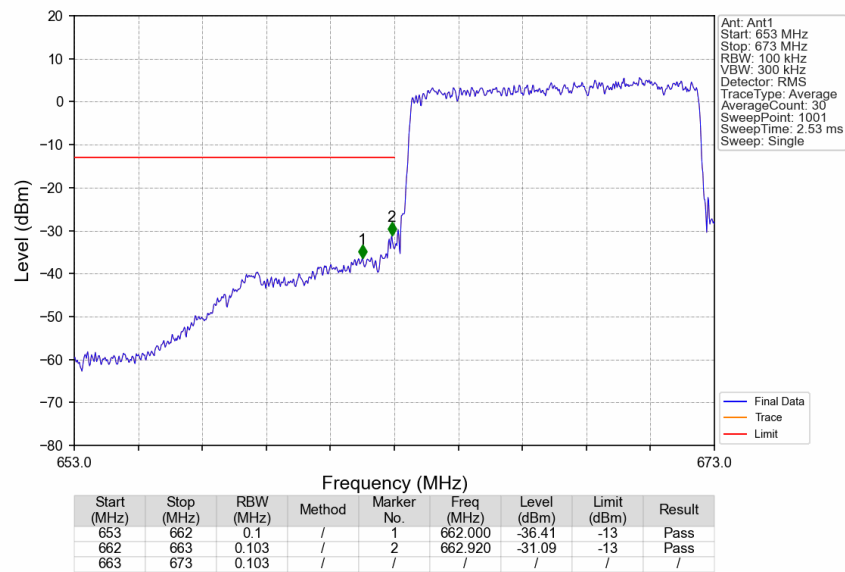
5.2.1 Test Result

Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	668	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	693	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

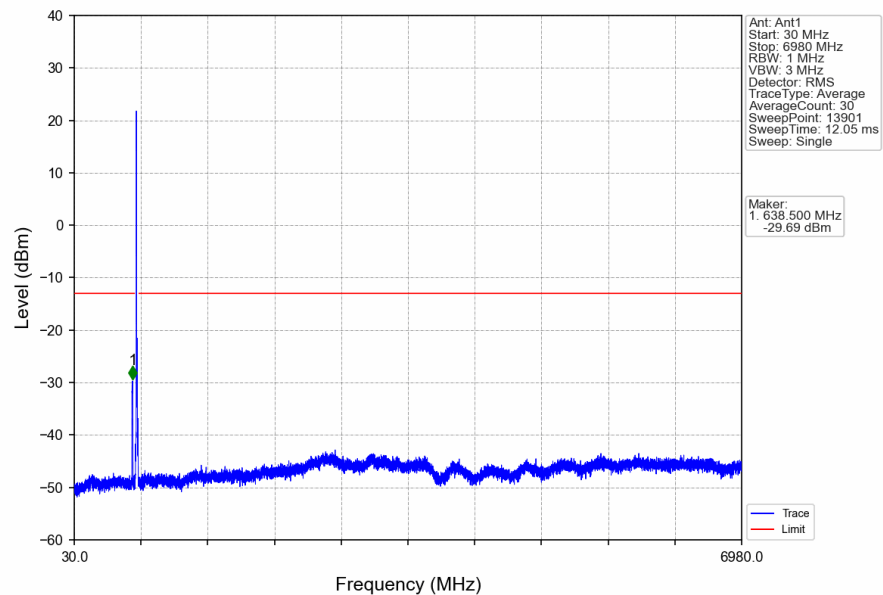
5.2.2 Test Graph



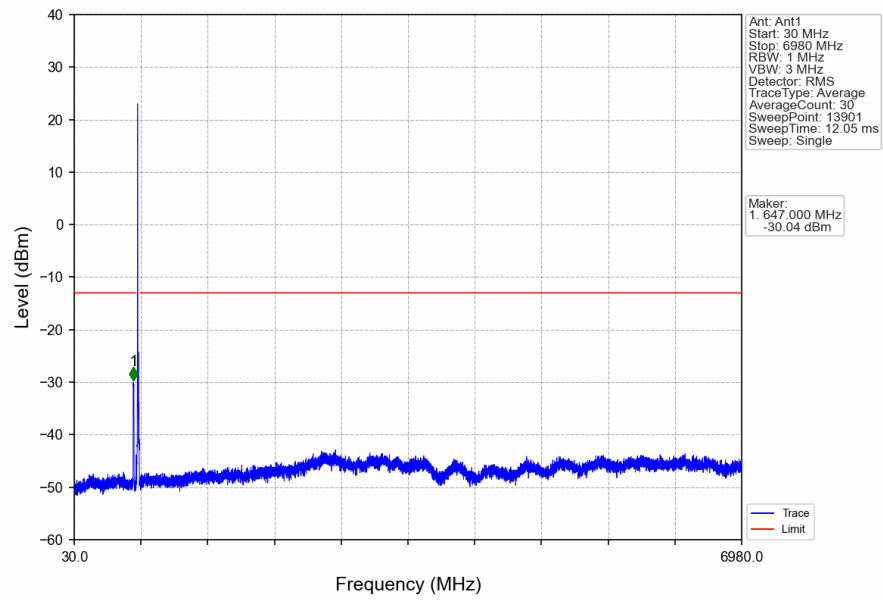
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



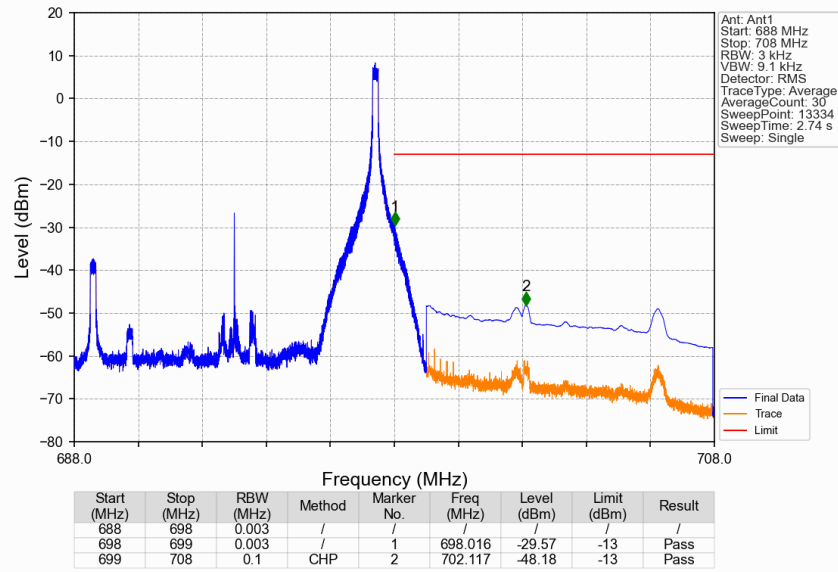
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



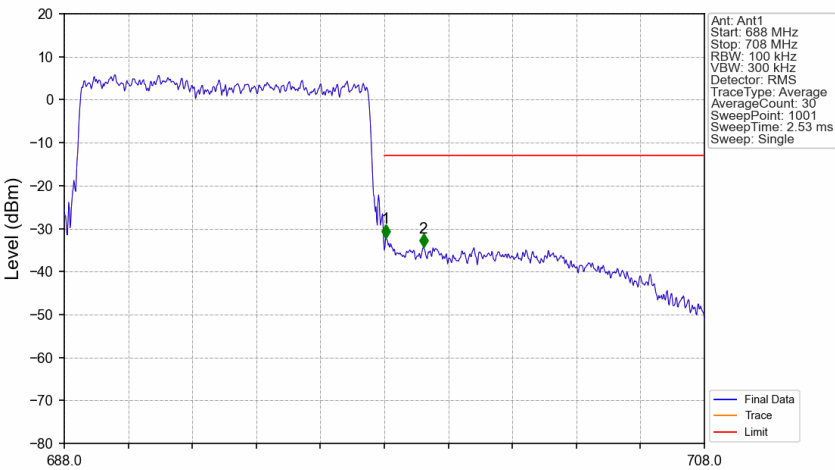
Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV



Band71_10MHz_QPSK_HCH_693MHz_RB_1_49_NTNV



Band71 10MHz QPSK HCH 693MHz RB 50 0 NTN



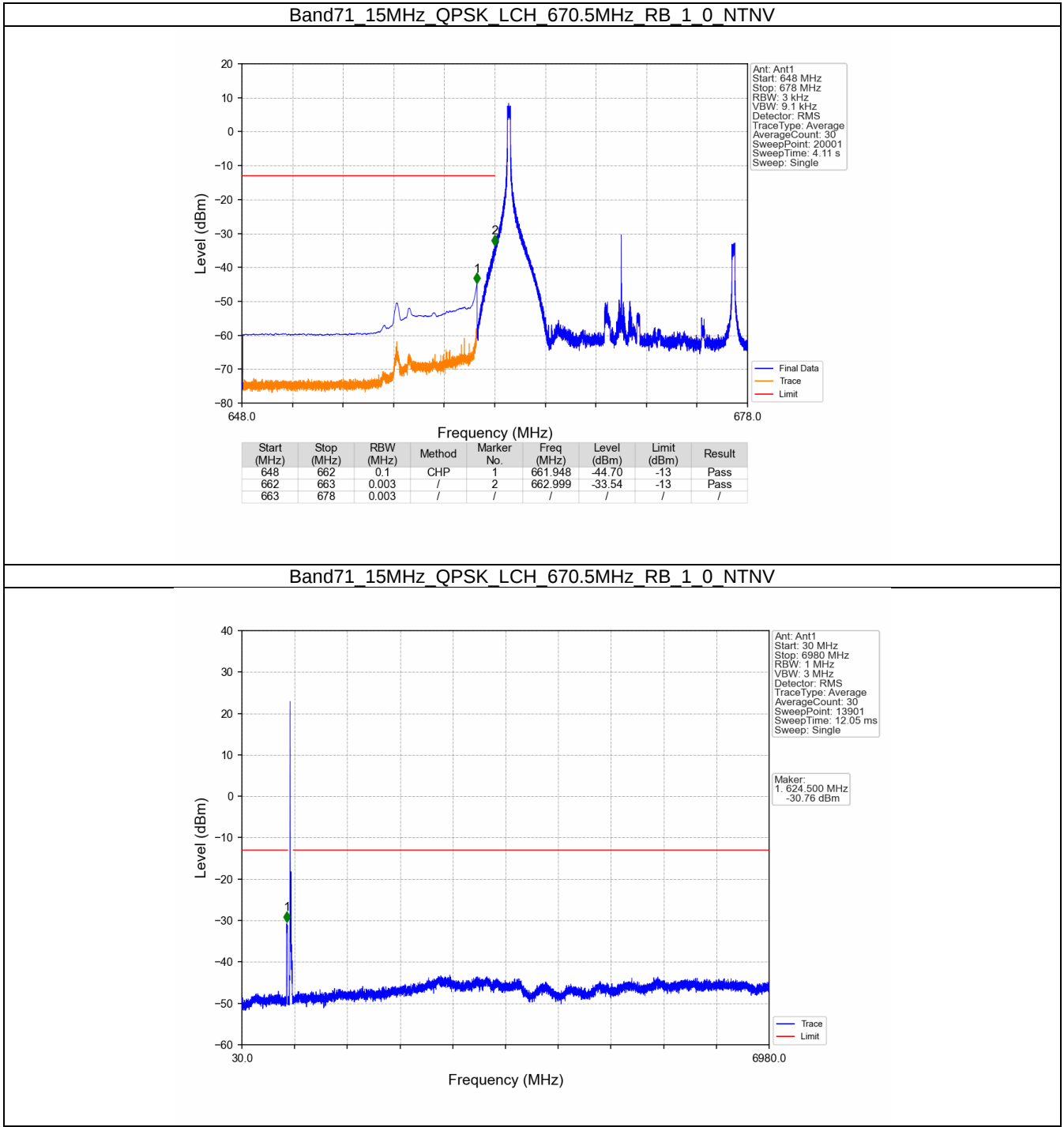
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.102	/	/	/	/	/	/
698	699	0.102	/	1	698.040	-32.11	-13	Pass
699	708	0.1	/	2	699.220	-34.40	-13	Pass

5.3 B71_15MHz

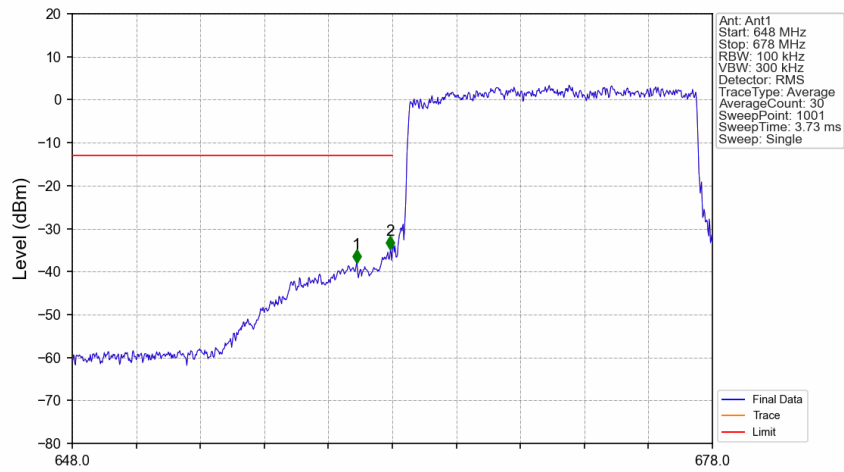
5.3.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	690.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.3.2 Test Graph

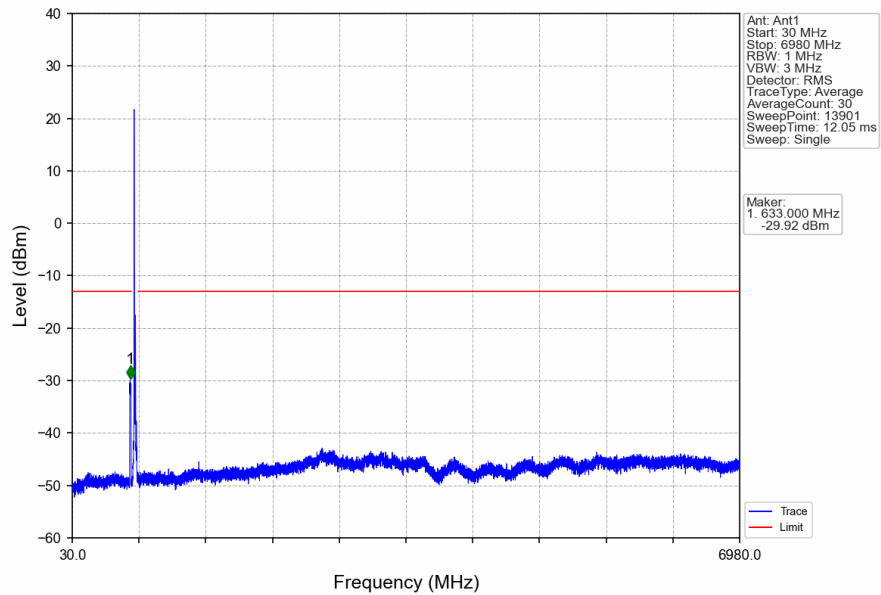


Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV

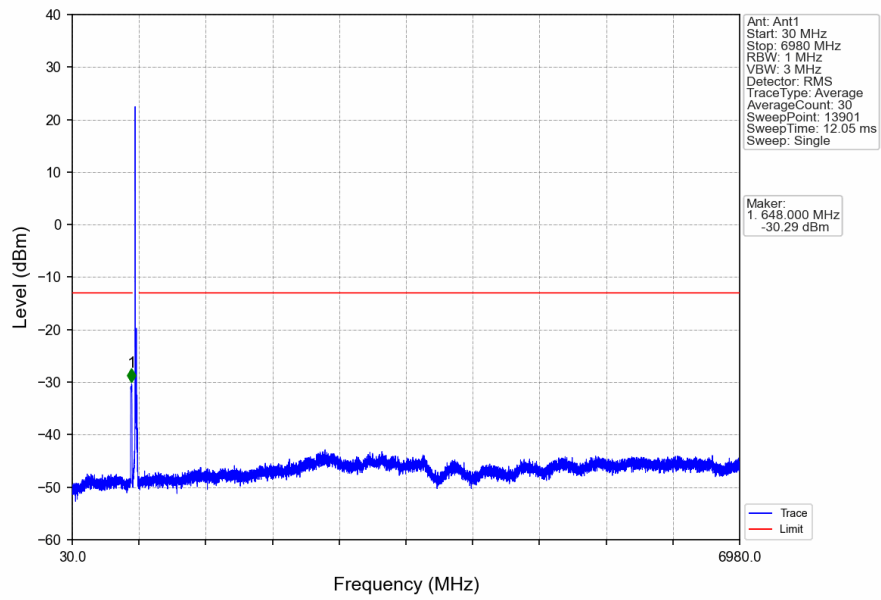


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662	0.1	/	1	661.320	-38.04	-13	Pass
662	663	0.155	/	2	662.910	-34.90	-13	Pass
663	678	0.155	/	/	/	/	/	/

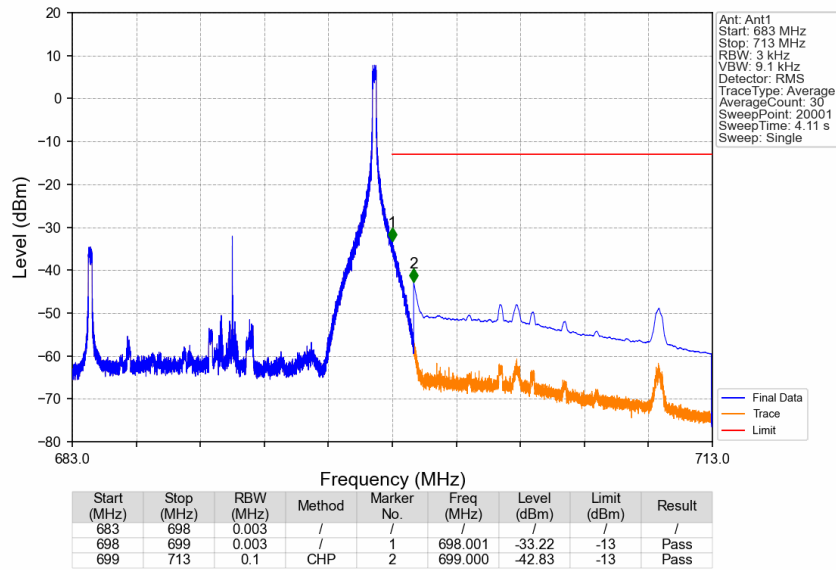
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



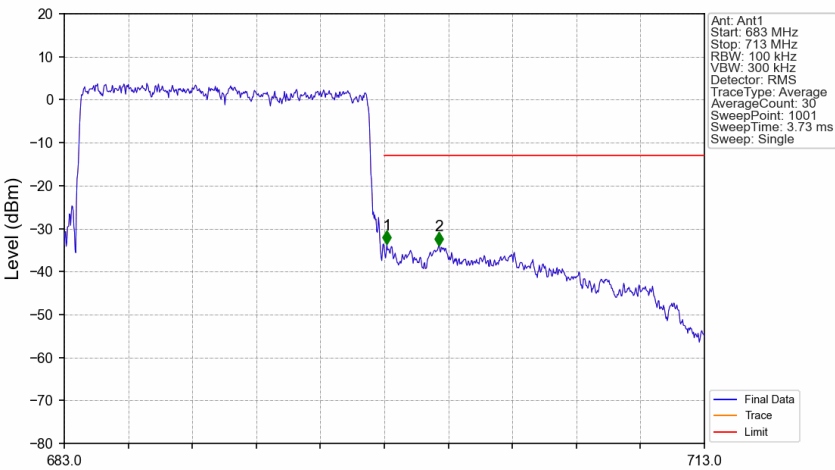
Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV



Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_74_NTNV



Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTVN



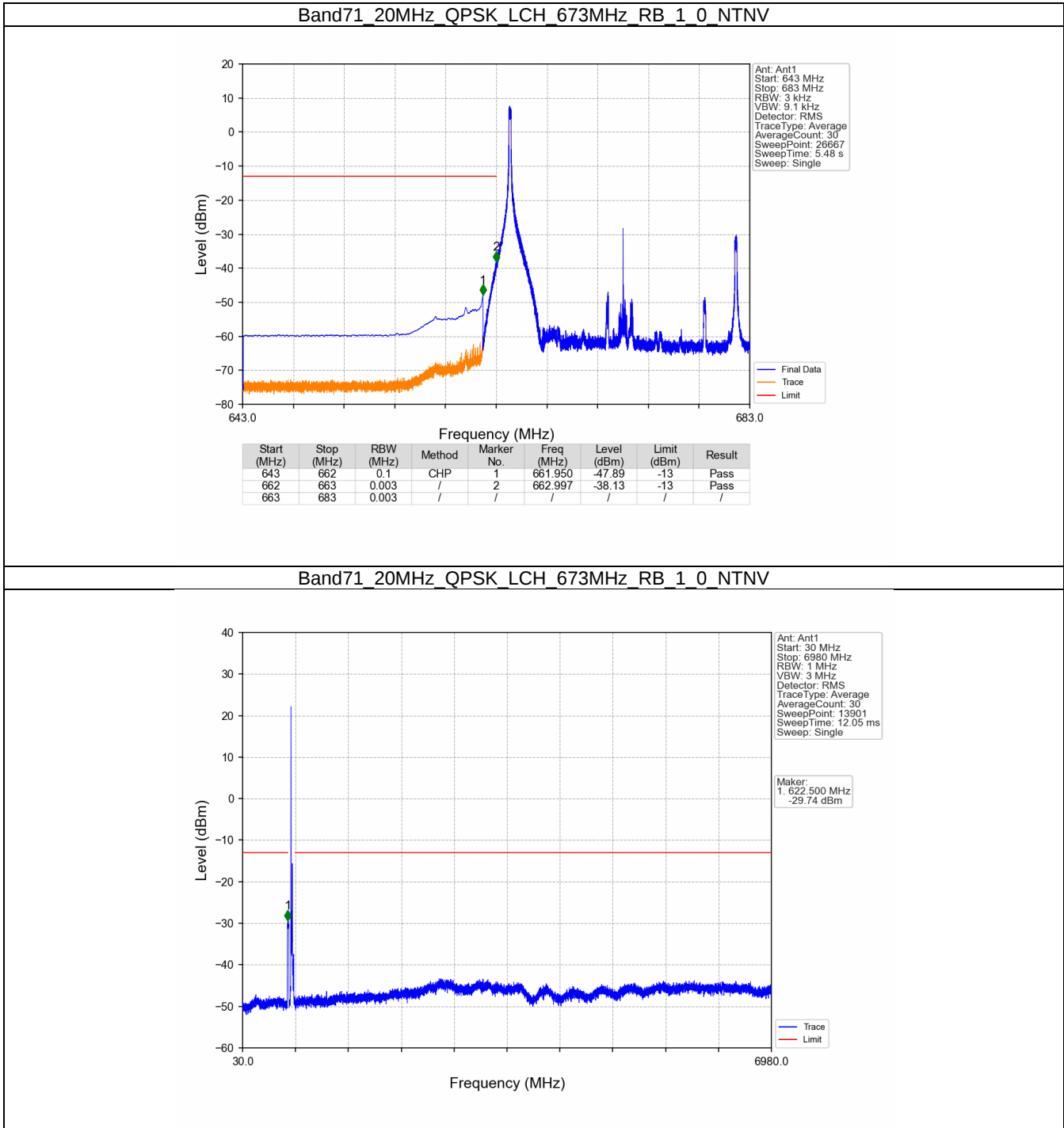
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.152	/	/	/	/	/	/
698	699	0.152	/	1	698.120	-33.69	-13	Pass
699	713	0.1	/	2	700.550	-33.88	-13	Pass

5.4 B71_20MHz

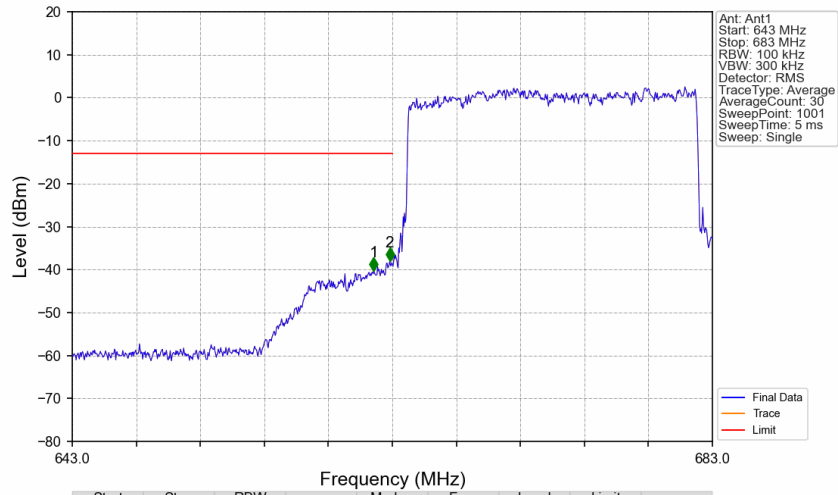
5.4.1 Test Result

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	673	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	683	1	0	Refer To Test Graph		Pass
	688	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.4.2 Test Graph

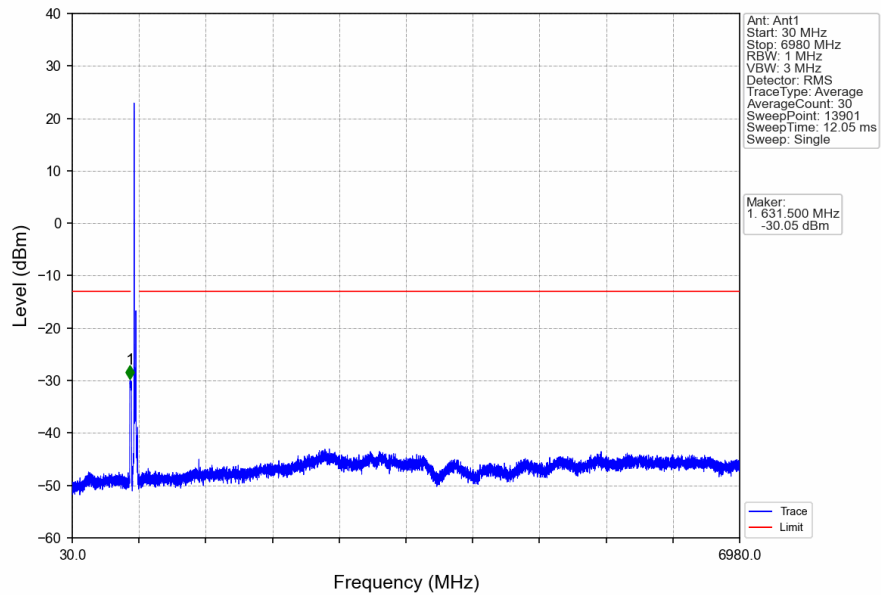


Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV

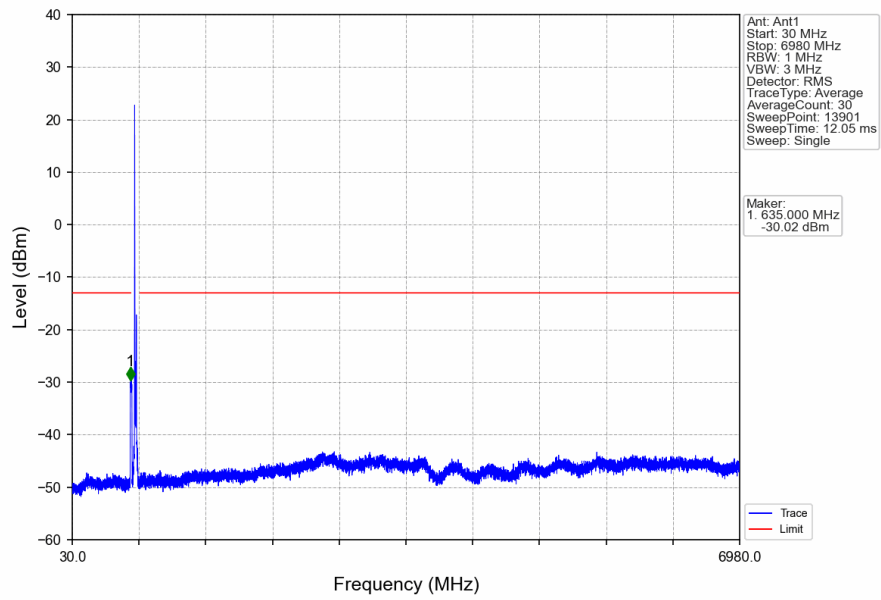


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662	0.1	/	1	661.840	-40.29	-13	Pass
662	663	0.2	/	2	662.840	-38.00	-13	Pass
663	683	0.2	/	/	/	/	/	/

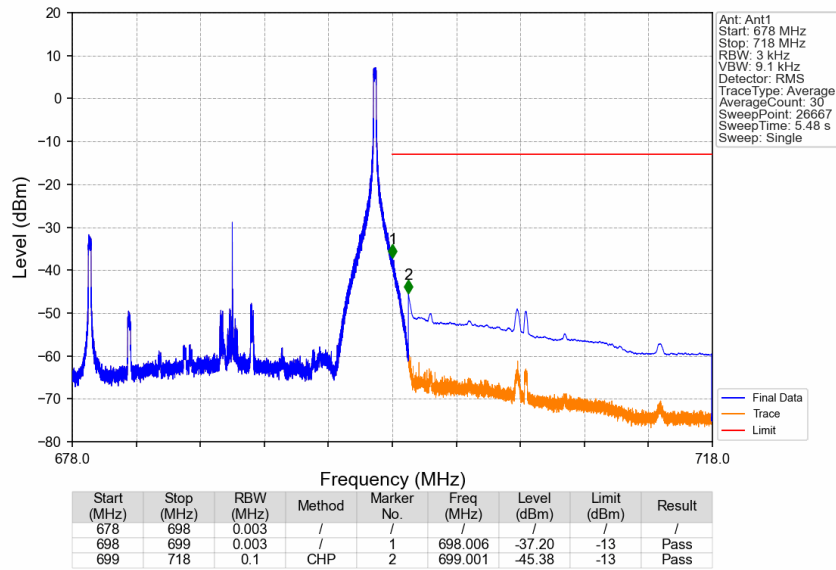
Band71_20MHz_QPSK_MCH_683MHz_RB_1_0_NTNV



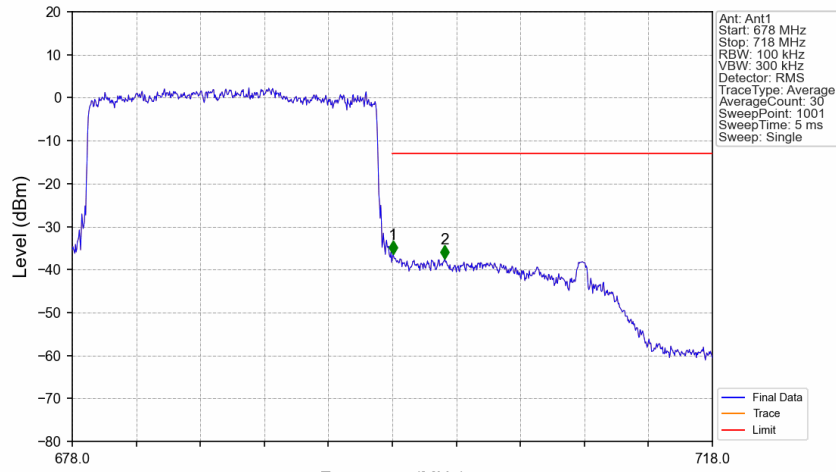
Band71 20MHz QPSK HCH 688MHz RB 1 0 NTN



Band71 20MHz QPSK HCH 688MHz RB 1 99 NTN



Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.202	/	/	/	/	/	/
698	699	0.202	/	1	698.040	-36.35	-13	Pass
699	718	0.1	/	2	701.280	-37.43	-13	Pass