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	23.30	-0.50	20.65	<=34.77	Pass
			13	23.36	-0.50	20.71	<=34.77	Pass
			24	23.43	-0.50	20.78	<=34.77	Pass
		12	0	22.19	-0.50	19.54	<=34.77	Pass
			6	22.33	-0.50	19.68	<=34.77	Pass
			13	22.28	-0.50	19.63	<=34.77	Pass
		25	0	22.30	-0.50	19.65	<=34.77	Pass
	680.5	1	0	23.41	-0.50	20.76	<=34.77	Pass
			13	23.30	-0.50	20.65	<=34.77	Pass
			24	23.38	-0.50	20.73	<=34.77	Pass
		12	0	22.35	-0.50	19.70	<=34.77	Pass
			6	22.35	-0.50	19.70	<=34.77	Pass
			13	22.31	-0.50	19.66	<=34.77	Pass
		25	0	22.36	-0.50	19.71	<=34.77	Pass
	695.5	1	0	23.35	-0.50	20.70	<=34.77	Pass
			13	23.33	-0.50	20.68	<=34.77	Pass
			24	23.30	-0.50	20.65	<=34.77	Pass
		12	0	22.13	-0.50	19.48	<=34.77	Pass
			6	22.16	-0.50	19.51	<=34.77	Pass
			13	22.15	-0.50	19.50	<=34.77	Pass
		25	0	22.31	-0.50	19.66	<=34.77	Pass
16QAM	665.5	1	0	22.25	-0.50	19.60	<=34.77	Pass
			13	22.37	-0.50	19.72	<=34.77	Pass
			24	22.51	-0.50	19.86	<=34.77	Pass
		12	0	21.24	-0.50	18.59	<=34.77	Pass
			6	21.26	-0.50	18.61	<=34.77	Pass
			13	21.42	-0.50	18.77	<=34.77	Pass
		25	0	21.32	-0.50	18.67	<=34.77	Pass
	680.5	1	0	22.60	-0.50	19.95	<=34.77	Pass
			13	22.45	-0.50	19.80	<=34.77	Pass
			24	22.49	-0.50	19.84	<=34.77	Pass
		12	0	21.34	-0.50	18.69	<=34.77	Pass
			6	21.28	-0.50	18.63	<=34.77	Pass
			13	21.24	-0.50	18.59	<=34.77	Pass
		25	0	21.34	-0.50	18.69	<=34.77	Pass
	695.5	1	0	22.62	-0.50	19.97	<=34.77	Pass
			13	22.52	-0.50	19.87	<=34.77	Pass
			24	22.63	-0.50	19.98	<=34.77	Pass
		12	0	21.26	-0.50	18.61	<=34.77	Pass
			6	21.36	-0.50	18.71	<=34.77	Pass
			13	21.19	-0.50	18.54	<=34.77	Pass
		25	0	21.31	-0.50	18.66	<=34.77	Pass
64QAM	665.5	1	0	21.32	-0.50	18.67	<=34.77	Pass
			13	21.21	-0.50	18.56	<=34.77	Pass
			24	21.30	-0.50	18.65	<=34.77	Pass
		12	0	20.22	-0.50	17.57	<=34.77	Pass
			6	20.32	-0.50	17.67	<=34.77	Pass
			13	20.34	-0.50	17.69	<=34.77	Pass
		25	0	20.29	-0.50	17.64	<=34.77	Pass

	680.5	1	0	21.23	-0.50	18.58	<=34.77	Pass
			13	21.45	-0.50	18.80	<=34.77	Pass
			24	21.08	-0.50	18.43	<=34.77	Pass
		12	0	20.20	-0.50	17.55	<=34.77	Pass
			6	20.28	-0.50	17.63	<=34.77	Pass
			13	20.39	-0.50	17.74	<=34.77	Pass
		25	0	20.31	-0.50	17.66	<=34.77	Pass
	695.5	1	0	21.28	-0.50	18.63	<=34.77	Pass
			13	21.13	-0.50	18.48	<=34.77	Pass
			24	21.53	-0.50	18.88	<=34.77	Pass
		12	0	20.13	-0.50	17.48	<=34.77	Pass
			6	20.36	-0.50	17.71	<=34.77	Pass
			13	20.22	-0.50	17.57	<=34.77	Pass
		25	0	20.30	-0.50	17.65	<=34.77	Pass
256QAM	665.5	1	0	18.16	-0.50	15.51	<=34.77	Pass
			13	18.43	-0.50	15.78	<=34.77	Pass
			24	18.36	-0.50	15.71	<=34.77	Pass
		12	0	18.25	-0.50	15.60	<=34.77	Pass
			6	18.35	-0.50	15.70	<=34.77	Pass
			13	18.35	-0.50	15.70	<=34.77	Pass
		25	0	18.38	-0.50	15.73	<=34.77	Pass
	680.5	1	0	18.48	-0.50	15.83	<=34.77	Pass
			13	18.40	-0.50	15.75	<=34.77	Pass
			24	18.33	-0.50	15.68	<=34.77	Pass
		12	0	18.34	-0.50	15.69	<=34.77	Pass
			6	18.38	-0.50	15.73	<=34.77	Pass
			13	18.34	-0.50	15.69	<=34.77	Pass
		25	0	18.31	-0.50	15.66	<=34.77	Pass
	695.5	1	0	18.32	-0.50	15.67	<=34.77	Pass
			13	18.48	-0.50	15.83	<=34.77	Pass
			24	18.35	-0.50	15.70	<=34.77	Pass
		12	0	18.40	-0.50	15.75	<=34.77	Pass
			6	18.47	-0.50	15.82	<=34.77	Pass
			13	18.36	-0.50	15.71	<=34.77	Pass
		25	0	18.42	-0.50	15.77	<=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	23.38	-0.50	20.73	<=34.77	Pass
			25	23.47	-0.50	20.82	<=34.77	Pass
			49	23.38	-0.50	20.73	<=34.77	Pass
		25	0	22.23	-0.50	19.58	<=34.77	Pass
			13	22.34	-0.50	19.69	<=34.77	Pass
			25	22.42	-0.50	19.77	<=34.77	Pass
		50	0	22.27	-0.50	19.62	<=34.77	Pass
	680.5	1	0	23.31	-0.50	20.66	<=34.77	Pass
			25	23.43	-0.50	20.78	<=34.77	Pass
			49	23.40	-0.50	20.75	<=34.77	Pass
		25	0	22.35	-0.50	19.70	<=34.77	Pass
			13	22.40	-0.50	19.75	<=34.77	Pass
			25	22.46	-0.50	19.81	<=34.77	Pass
		50	0	22.36	-0.50	19.71	<=34.77	Pass
	693	1	0	23.35	-0.50	20.70	<=34.77	Pass

			25	23.32	-0.50	20.67	<=34.77	Pass
			49	23.46	-0.50	20.81	<=34.77	Pass
		25	0	22.42	-0.50	19.77	<=34.77	Pass
			13	22.36	-0.50	19.71	<=34.77	Pass
			25	22.36	-0.50	19.71	<=34.77	Pass
		50	0	22.39	-0.50	19.74	<=34.77	Pass
16QAM	668	1	0	22.44	-0.50	19.79	<=34.77	Pass
			25	22.63	-0.50	19.98	<=34.77	Pass
			49	22.44	-0.50	19.79	<=34.77	Pass
		25	0	21.23	-0.50	18.58	<=34.77	Pass
			13	21.31	-0.50	18.66	<=34.77	Pass
			25	21.21	-0.50	18.56	<=34.77	Pass
		50	0	21.20	-0.50	18.55	<=34.77	Pass
	680.5	1	0	22.49	-0.50	19.84	<=34.77	Pass
			25	22.63	-0.50	19.98	<=34.77	Pass
			49	22.56	-0.50	19.91	<=34.77	Pass
		25	0	21.36	-0.50	18.71	<=34.77	Pass
			13	21.38	-0.50	18.73	<=34.77	Pass
			25	21.23	-0.50	18.58	<=34.77	Pass
		50	0	21.32	-0.50	18.67	<=34.77	Pass
	693	1	0	22.56	-0.50	19.91	<=34.77	Pass
			25	22.26	-0.50	19.61	<=34.77	Pass
			49	22.46	-0.50	19.81	<=34.77	Pass
		25	0	21.33	-0.50	18.68	<=34.77	Pass
			13	21.27	-0.50	18.62	<=34.77	Pass
			25	21.34	-0.50	18.69	<=34.77	Pass
		50	0	21.18	-0.50	18.53	<=34.77	Pass
64QAM	668	1	0	21.01	-0.50	18.36	<=34.77	Pass
			25	21.21	-0.50	18.56	<=34.77	Pass
			49	21.25	-0.50	18.60	<=34.77	Pass
		25	0	20.19	-0.50	17.54	<=34.77	Pass
			13	20.36	-0.50	17.71	<=34.77	Pass
			25	20.05	-0.50	17.40	<=34.77	Pass
		50	0	20.13	-0.50	17.48	<=34.77	Pass
	680.5	1	0	21.55	-0.50	18.90	<=34.77	Pass
			25	21.38	-0.50	18.73	<=34.77	Pass
			49	21.06	-0.50	18.41	<=34.77	Pass
		25	0	20.24	-0.50	17.59	<=34.77	Pass
			13	20.31	-0.50	17.66	<=34.77	Pass
			25	20.42	-0.50	17.77	<=34.77	Pass
		50	0	20.29	-0.50	17.64	<=34.77	Pass
	693	1	0	21.33	-0.50	18.68	<=34.77	Pass
			25	21.24	-0.50	18.59	<=34.77	Pass
			49	21.41	-0.50	18.76	<=34.77	Pass
		25	0	20.43	-0.50	17.78	<=34.77	Pass
			13	20.26	-0.50	17.61	<=34.77	Pass
			25	20.36	-0.50	17.71	<=34.77	Pass
		50	0	20.42	-0.50	17.77	<=34.77	Pass
256QAM	668	1	0	18.42	-0.50	15.77	<=34.77	Pass
			25	18.50	-0.50	15.85	<=34.77	Pass
			49	18.52	-0.50	15.87	<=34.77	Pass
		25	0	18.14	-0.50	15.49	<=34.77	Pass
			13	18.43	-0.50	15.78	<=34.77	Pass
			25	18.39	-0.50	15.74	<=34.77	Pass
		50	0	18.29	-0.50	15.64	<=34.77	Pass
	680.5	1	0	18.37	-0.50	15.72	<=34.77	Pass
			25	18.43	-0.50	15.78	<=34.77	Pass
			49	18.39	-0.50	15.74	<=34.77	Pass
		25	0	18.32	-0.50	15.67	<=34.77	Pass

			13	18.24	-0.50	15.59	<=34.77	Pass
			25	18.31	-0.50	15.66	<=34.77	Pass
		50	0	18.29	-0.50	15.64	<=34.77	Pass
	693	1	0	18.26	-0.50	15.61	<=34.77	Pass
			25	18.30	-0.50	15.65	<=34.77	Pass
			49	18.42	-0.50	15.77	<=34.77	Pass
		25	0	18.45	-0.50	15.80	<=34.77	Pass
			13	18.38	-0.50	15.73	<=34.77	Pass
			25	18.46	-0.50	15.81	<=34.77	Pass
		50	0	18.44	-0.50	15.79	<=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	23.33	-0.50	20.68	<=34.77	Pass
			38	23.33	-0.50	20.68	<=34.77	Pass
			74	23.33	-0.50	20.68	<=34.77	Pass
		36	0	22.22	-0.50	19.57	<=34.77	Pass
			18	22.38	-0.50	19.73	<=34.77	Pass
			39	22.25	-0.50	19.60	<=34.77	Pass
		75	0	22.24	-0.50	19.59	<=34.77	Pass
	680.5	1	0	23.41	-0.50	20.76	<=34.77	Pass
			38	23.44	-0.50	20.79	<=34.77	Pass
			74	23.30	-0.50	20.65	<=34.77	Pass
		36	0	22.11	-0.50	19.46	<=34.77	Pass
			18	21.93	-0.50	19.28	<=34.77	Pass
			39	21.97	-0.50	19.32	<=34.77	Pass
		75	0	22.23	-0.50	19.58	<=34.77	Pass
	690.5	1	0	23.40	-0.50	20.75	<=34.77	Pass
			38	23.26	-0.50	20.61	<=34.77	Pass
			74	23.37	-0.50	20.72	<=34.77	Pass
		36	0	22.31	-0.50	19.66	<=34.77	Pass
			18	22.24	-0.50	19.59	<=34.77	Pass
			39	22.39	-0.50	19.74	<=34.77	Pass
		75	0	22.42	-0.50	19.77	<=34.77	Pass
16QAM	670.5	1	0	22.52	-0.50	19.87	<=34.77	Pass
			38	22.58	-0.50	19.93	<=34.77	Pass
			74	22.66	-0.50	20.01	<=34.77	Pass
		36	0	21.25	-0.50	18.60	<=34.77	Pass
			18	21.06	-0.50	18.41	<=34.77	Pass
			39	21.28	-0.50	18.63	<=34.77	Pass
		75	0	21.07	-0.50	18.42	<=34.77	Pass
	680.5	1	0	22.51	-0.50	19.86	<=34.77	Pass
			38	22.47	-0.50	19.82	<=34.77	Pass
			74	22.40	-0.50	19.75	<=34.77	Pass
		36	0	21.34	-0.50	18.69	<=34.77	Pass
			18	21.27	-0.50	18.62	<=34.77	Pass
			39	21.14	-0.50	18.49	<=34.77	Pass
		75	0	21.41	-0.50	18.76	<=34.77	Pass
	690.5	1	0	22.46	-0.50	19.81	<=34.77	Pass
			38	22.43	-0.50	19.78	<=34.77	Pass
			74	22.54	-0.50	19.89	<=34.77	Pass
		36	0	21.32	-0.50	18.67	<=34.77	Pass
			18	21.22	-0.50	18.57	<=34.77	Pass

			39	21.32	-0.50	18.67	<=34.77	Pass
		75	0	21.39	-0.50	18.74	<=34.77	Pass
			0	21.20	-0.50	18.55	<=34.77	Pass
		1	38	21.32	-0.50	18.67	<=34.77	Pass
			74	21.27	-0.50	18.62	<=34.77	Pass
	670.5		0	20.08	-0.50	17.43	<=34.77	Pass
		36	18	20.27	-0.50	17.62	<=34.77	Pass
			39	20.20	-0.50	17.55	<=34.77	Pass
		75	0	20.01	-0.50	17.36	<=34.77	Pass
			0	21.22	-0.50	18.57	<=34.77	Pass
		1	38	21.19	-0.50	18.54	<=34.77	Pass
			74	21.49	-0.50	18.84	<=34.77	Pass
64QAM	680.5		0	20.26	-0.50	17.61	<=34.77	Pass
		36	18	20.20	-0.50	17.55	<=34.77	Pass
			39	20.35	-0.50	17.70	<=34.77	Pass
		75	0	20.30	-0.50	17.65	<=34.77	Pass
			0	21.25	-0.50	18.60	<=34.77	Pass
		1	38	21.45	-0.50	18.80	<=34.77	Pass
			74	21.44	-0.50	18.79	<=34.77	Pass
	690.5		0	20.28	-0.50	17.63	<=34.77	Pass
		36	18	20.31	-0.50	17.66	<=34.77	Pass
			39	20.36	-0.50	17.71	<=34.77	Pass
		75	0	20.26	-0.50	17.61	<=34.77	Pass
			0	18.39	-0.50	15.74	<=34.77	Pass
		1	38	18.50	-0.50	15.85	<=34.77	Pass
			74	18.46	-0.50	15.81	<=34.77	Pass
	670.5		0	18.28	-0.50	15.63	<=34.77	Pass
		36	18	18.38	-0.50	15.73	<=34.77	Pass
			39	18.30	-0.50	15.65	<=34.77	Pass
		75	0	18.25	-0.50	15.60	<=34.77	Pass
			0	18.43	-0.50	15.78	<=34.77	Pass
		1	38	18.40	-0.50	15.75	<=34.77	Pass
			74	18.46	-0.50	15.81	<=34.77	Pass
256QAM	680.5		0	18.44	-0.50	15.79	<=34.77	Pass
		36	18	18.40	-0.50	15.75	<=34.77	Pass
			39	18.40	-0.50	15.75	<=34.77	Pass
		75	0	18.36	-0.50	15.71	<=34.77	Pass
			0	18.22	-0.50	15.57	<=34.77	Pass
		1	38	18.34	-0.50	15.69	<=34.77	Pass
			74	18.49	-0.50	15.84	<=34.77	Pass
	690.5		0	18.38	-0.50	15.73	<=34.77	Pass
		36	18	18.36	-0.50	15.71	<=34.77	Pass
			39	18.24	-0.50	15.59	<=34.77	Pass
		75	0	18.35	-0.50	15.70	<=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	
			0	23.08	-0.50	20.43	<=34.77	Pass
		1	50	23.36	-0.50	20.71	<=34.77	Pass
			99	23.09	-0.50	20.44	<=34.77	Pass
QPSK	673		0	22.08	-0.50	19.43	<=34.77	Pass
		50	25	22.41	-0.50	19.76	<=34.77	Pass
			50	22.41	-0.50	19.76	<=34.77	Pass

		100	0	22.26	-0.50	19.61	<=34.77	Pass
	683	1	0	23.40	-0.50	20.75	<=34.77	Pass
			50	23.31	-0.50	20.66	<=34.77	Pass
			99	23.34	-0.50	20.69	<=34.77	Pass
		50	0	22.34	-0.50	19.69	<=34.77	Pass
			25	22.40	-0.50	19.75	<=34.77	Pass
			50	22.29	-0.50	19.64	<=34.77	Pass
		100	0	22.34	-0.50	19.69	<=34.77	Pass
	688	1	0	23.42	-0.50	20.77	<=34.77	Pass
			50	23.31	-0.50	20.66	<=34.77	Pass
			99	23.40	-0.50	20.75	<=34.77	Pass
		50	0	22.25	-0.50	19.60	<=34.77	Pass
			25	22.32	-0.50	19.67	<=34.77	Pass
			50	22.32	-0.50	19.67	<=34.77	Pass
		100	0	22.27	-0.50	19.62	<=34.77	Pass
16QAM	673	1	0	22.44	-0.50	19.79	<=34.77	Pass
			50	22.58	-0.50	19.93	<=34.77	Pass
			99	22.55	-0.50	19.90	<=34.77	Pass
		50	0	21.14	-0.50	18.49	<=34.77	Pass
			25	21.27	-0.50	18.62	<=34.77	Pass
			50	21.39	-0.50	18.74	<=34.77	Pass
		100	0	21.26	-0.50	18.61	<=34.77	Pass
	683	1	0	22.64	-0.50	19.99	<=34.77	Pass
			50	22.62	-0.50	19.97	<=34.77	Pass
			99	22.72	-0.50	20.07	<=34.77	Pass
		50	0	21.33	-0.50	18.68	<=34.77	Pass
			25	21.21	-0.50	18.56	<=34.77	Pass
			50	21.28	-0.50	18.63	<=34.77	Pass
		100	0	21.22	-0.50	18.57	<=34.77	Pass
	688	1	0	22.50	-0.50	19.85	<=34.77	Pass
			50	22.60	-0.50	19.95	<=34.77	Pass
			99	22.64	-0.50	19.99	<=34.77	Pass
		50	0	21.28	-0.50	18.63	<=34.77	Pass
			25	21.14	-0.50	18.49	<=34.77	Pass
			50	21.31	-0.50	18.66	<=34.77	Pass
		100	0	21.27	-0.50	18.62	<=34.77	Pass
64QAM	673	1	0	21.33	-0.50	18.68	<=34.77	Pass
			50	21.37	-0.50	18.72	<=34.77	Pass
			99	21.13	-0.50	18.48	<=34.77	Pass
		50	0	20.14	-0.50	17.49	<=34.77	Pass
			25	20.33	-0.50	17.68	<=34.77	Pass
			50	20.31	-0.50	17.66	<=34.77	Pass
		100	0	20.21	-0.50	17.56	<=34.77	Pass
	683	1	0	21.51	-0.50	18.86	<=34.77	Pass
			50	21.31	-0.50	18.66	<=34.77	Pass
			99	21.49	-0.50	18.84	<=34.77	Pass
		50	0	20.23	-0.50	17.58	<=34.77	Pass
			25	20.35	-0.50	17.70	<=34.77	Pass
			50	20.26	-0.50	17.61	<=34.77	Pass
		100	0	20.29	-0.50	17.64	<=34.77	Pass
	688	1	0	21.41	-0.50	18.76	<=34.77	Pass
			50	21.45	-0.50	18.80	<=34.77	Pass
			99	21.44	-0.50	18.79	<=34.77	Pass
		50	0	20.30	-0.50	17.65	<=34.77	Pass
			25	20.21	-0.50	17.56	<=34.77	Pass
			50	20.34	-0.50	17.69	<=34.77	Pass
		100	0	20.23	-0.50	17.58	<=34.77	Pass
256QAM	673	1	0	18.35	-0.50	15.70	<=34.77	Pass
			50	18.54	-0.50	15.89	<=34.77	Pass

			99	18.23	-0.50	15.58	<=34.77	Pass
		50	0	18.16	-0.50	15.51	<=34.77	Pass
			25	18.39	-0.50	15.74	<=34.77	Pass
			50	18.43	-0.50	15.78	<=34.77	Pass
		100	0	18.26	-0.50	15.61	<=34.77	Pass
	683	1	0	18.62	-0.50	15.97	<=34.77	Pass
			50	18.45	-0.50	15.80	<=34.77	Pass
			99	18.41	-0.50	15.76	<=34.77	Pass
		50	0	18.41	-0.50	15.76	<=34.77	Pass
			25	18.35	-0.50	15.70	<=34.77	Pass
			50	18.29	-0.50	15.64	<=34.77	Pass
		100	0	18.33	-0.50	15.68	<=34.77	Pass
	688	1	0	18.53	-0.50	15.88	<=34.77	Pass
			50	18.47	-0.50	15.82	<=34.77	Pass
			99	18.40	-0.50	15.75	<=34.77	Pass
		50	0	18.32	-0.50	15.67	<=34.77	Pass
			25	18.43	-0.50	15.78	<=34.77	Pass
			50	18.43	-0.50	15.78	<=34.77	Pass
		100	0	18.34	-0.50	15.69	<=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	680.5	25	0	20	3.27	-14.434	-0.0212	-2.5 to 2.5	Pass
					3.85	-4.180	-0.0061	-2.5 to 2.5	Pass
					4.43	-1.336	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-3.216	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-1.943	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-1.217	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.350	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-1.767	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-1.625	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-2.426	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-0.165	-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	680.5	50	0	20	3.27	-5.262	-0.0077	-2.5 to 2.5	Pass
					3.85	-1.956	-0.0029	-2.5 to 2.5	Pass
					4.43	-1.769	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-4.304	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-0.999	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.555	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-2.719	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-3.291	-0.0048	-2.5 to 2.5	Pass

				30	3.85	-3.577	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-4.840	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-2.185	-0.0032	-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	680.5	75	0	20	3.27	-8.041	-0.0118	-2.5 to 2.5	Pass
					3.85	-4.875	-0.0072	-2.5 to 2.5	Pass
					4.43	-1.196	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-3.962	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-2.686	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-1.265	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-4.089	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-4.699	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-3.579	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-3.092	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-0.506	-0.0007	-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	683	100	0	20	3.27	-9.649	-0.0141	-2.5 to 2.5	Pass
					3.85	-0.403	-0.0006	-2.5 to 2.5	Pass
					4.43	-7.236	-0.0106	-2.5 to 2.5	Pass
				-30	3.85	-2.056	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-1.504	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-3.518	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-4.100	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-1.583	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-3.949	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-3.192	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-5.936	-0.0087	-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	4.550	/	Pass
		680.5	25	0	4.541	/	Pass
		695.5	25	0	4.540	/	Pass
	16QAM	665.5	25	0	4.568	/	Pass
		680.5	25	0	4.551	/	Pass
		695.5	25	0	4.538	/	Pass

	64QAM	665.5	25	0	4.555	/	Pass
		680.5	25	0	4.538	/	Pass
		695.5	25	0	4.542	/	Pass
	256QAM	665.5	25	0	4.546	/	Pass
		680.5	25	0	4.551	/	Pass
		695.5	25	0	4.548	/	Pass
10	QPSK	668	50	0	9.036	/	Pass
		680.5	50	0	9.096	/	Pass
		693	50	0	9.063	/	Pass
	16QAM	668	50	0	9.054	/	Pass
		680.5	50	0	9.072	/	Pass
		693	50	0	9.091	/	Pass
	64QAM	668	50	0	9.051	/	Pass
		680.5	50	0	9.072	/	Pass
		693	50	0	9.076	/	Pass
	256QAM	668	50	0	9.030	/	Pass
		680.5	50	0	9.088	/	Pass
		693	50	0	9.056	/	Pass
15	QPSK	670.5	75	0	13.700	/	Pass
		680.5	75	0	13.761	/	Pass
		690.5	75	0	13.682	/	Pass
	16QAM	670.5	75	0	13.682	/	Pass
		680.5	75	0	13.751	/	Pass
		690.5	75	0	13.672	/	Pass
	64QAM	670.5	75	0	13.626	/	Pass
		680.5	75	0	13.680	/	Pass
		690.5	75	0	13.683	/	Pass
	256QAM	670.5	75	0	13.602	/	Pass
		680.5	75	0	13.617	/	Pass
		690.5	75	0	13.663	/	Pass
20	QPSK	673	100	0	18.224	/	Pass
		683	100	0	18.218	/	Pass
		688	100	0	18.180	/	Pass
	16QAM	673	100	0	18.215	/	Pass
		683	100	0	18.171	/	Pass
		688	100	0	18.145	/	Pass
	64QAM	673	100	0	18.104	/	Pass
		683	100	0	18.098	/	Pass
		688	100	0	18.249	/	Pass
	256QAM	673	100	0	18.086	/	Pass
		683	100	0	18.127	/	Pass
		688	100	0	18.151	/	Pass

3.1.2 Band71_XDB

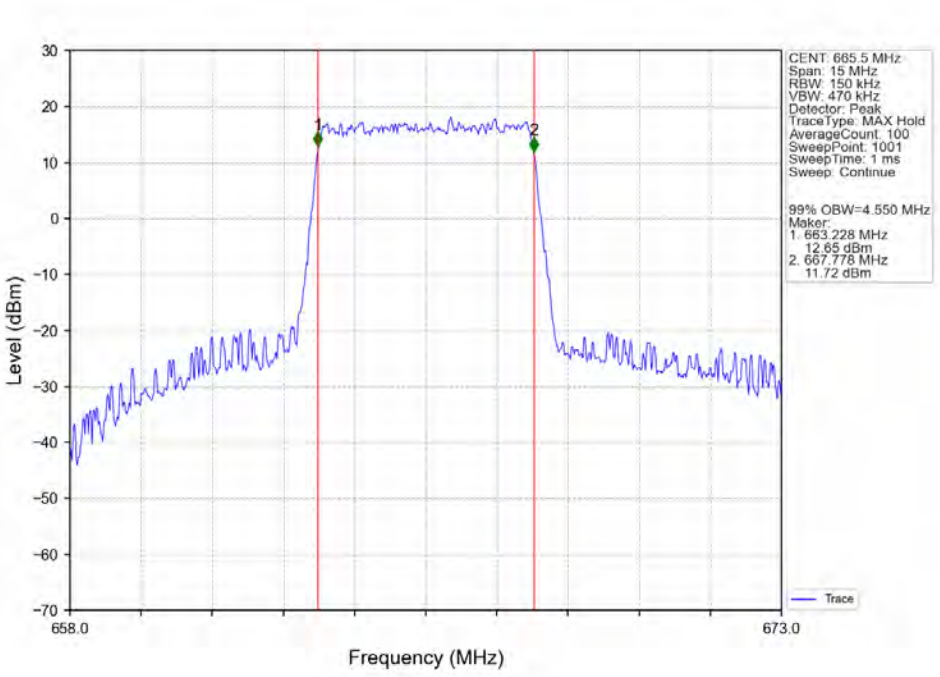
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	5.057	/	Pass
		680.5	25	0	5.046	/	Pass
		695.5	25	0	5.049	/	Pass
	16QAM	665.5	25	0	5.070	/	Pass
		680.5	25	0	5.030	/	Pass
		695.5	25	0	5.004	/	Pass
	64QAM	665.5	25	0	5.044	/	Pass
		680.5	25	0	5.025	/	Pass
		695.5	25	0	5.034	/	Pass

	256QAM	665.5	25	0	5.085	/	Pass
		680.5	25	0	5.063	/	Pass
		695.5	25	0	5.039	/	Pass
10	QPSK	668	50	0	9.955	/	Pass
		680.5	50	0	9.968	/	Pass
		693	50	0	9.972	/	Pass
	16QAM	668	50	0	9.946	/	Pass
		680.5	50	0	10.056	/	Pass
		693	50	0	10.034	/	Pass
	64QAM	668	50	0	9.892	/	Pass
		680.5	50	0	9.920	/	Pass
		693	50	0	9.998	/	Pass
	256QAM	668	50	0	9.885	/	Pass
		680.5	50	0	9.953	/	Pass
		693	50	0	9.954	/	Pass
15	QPSK	670.5	75	0	17.773	/	Pass
		680.5	75	0	17.775	/	Pass
		690.5	75	0	16.937	/	Pass
	16QAM	670.5	75	0	17.892	/	Pass
		680.5	75	0	17.905	/	Pass
		690.5	75	0	16.372	/	Pass
	64QAM	670.5	75	0	17.092	/	Pass
		680.5	75	0	17.032	/	Pass
		690.5	75	0	17.046	/	Pass
	256QAM	670.5	75	0	14.951	/	Pass
		680.5	75	0	15.172	/	Pass
		690.5	75	0	15.124	/	Pass
20	QPSK	673	100	0	21.381	/	Pass
		683	100	0	21.824	/	Pass
		688	100	0	20.683	/	Pass
	16QAM	673	100	0	21.240	/	Pass
		683	100	0	20.951	/	Pass
		688	100	0	20.629	/	Pass
	64QAM	673	100	0	20.097	/	Pass
		683	100	0	20.622	/	Pass
		688	100	0	20.719	/	Pass
	256QAM	673	100	0	19.763	/	Pass
		683	100	0	19.916	/	Pass
		688	100	0	19.995	/	Pass

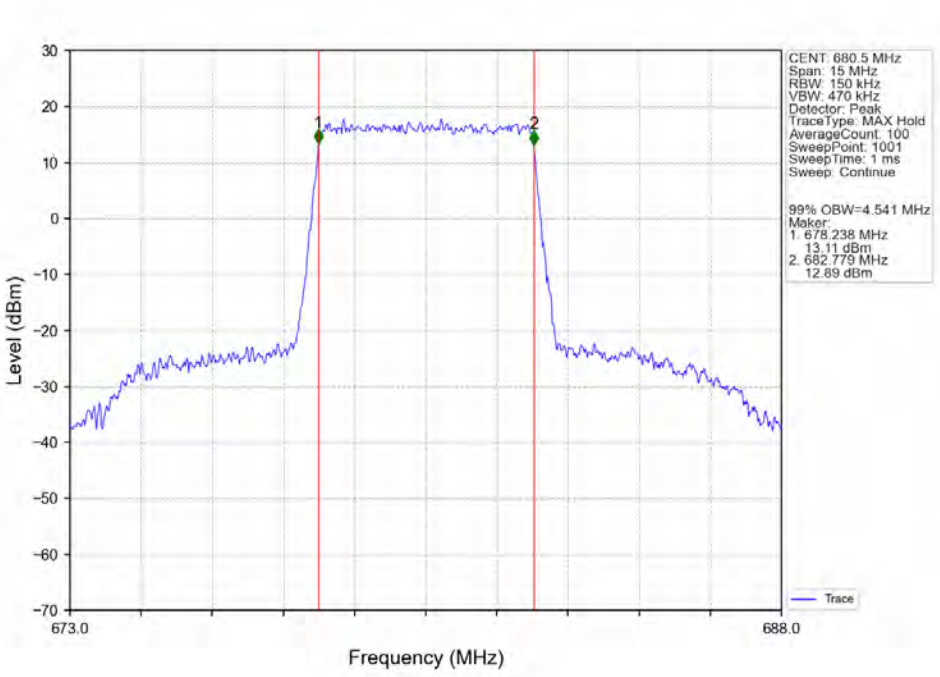
3.2 Test Graph

3.2.1 Band71_OBW

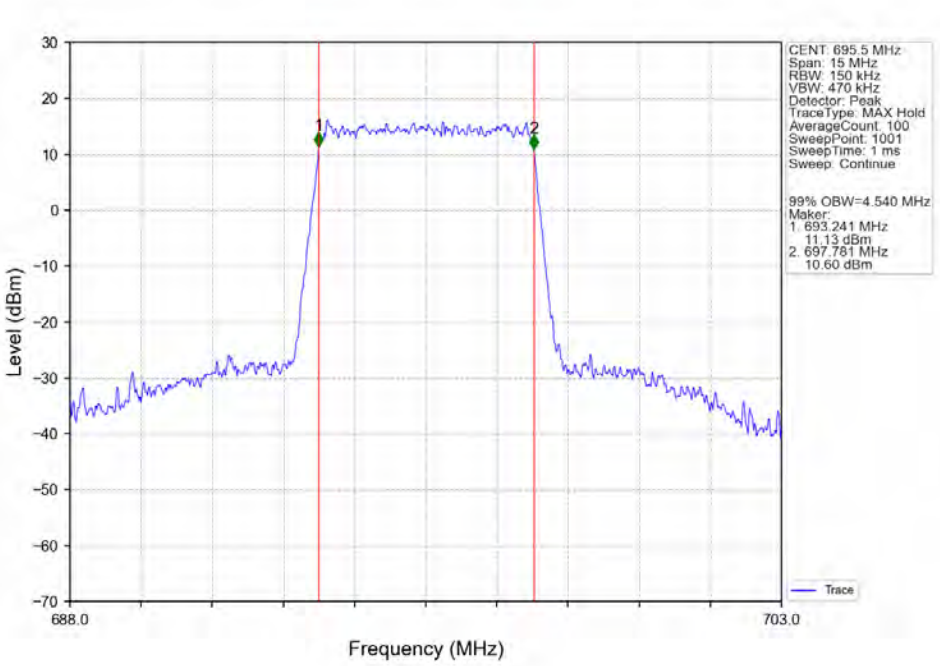
Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



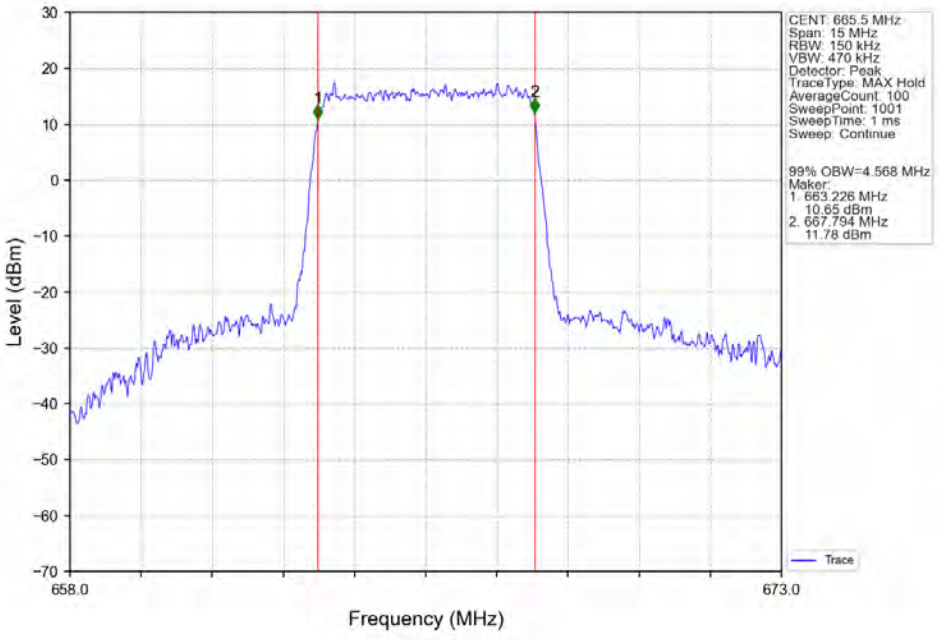
Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV



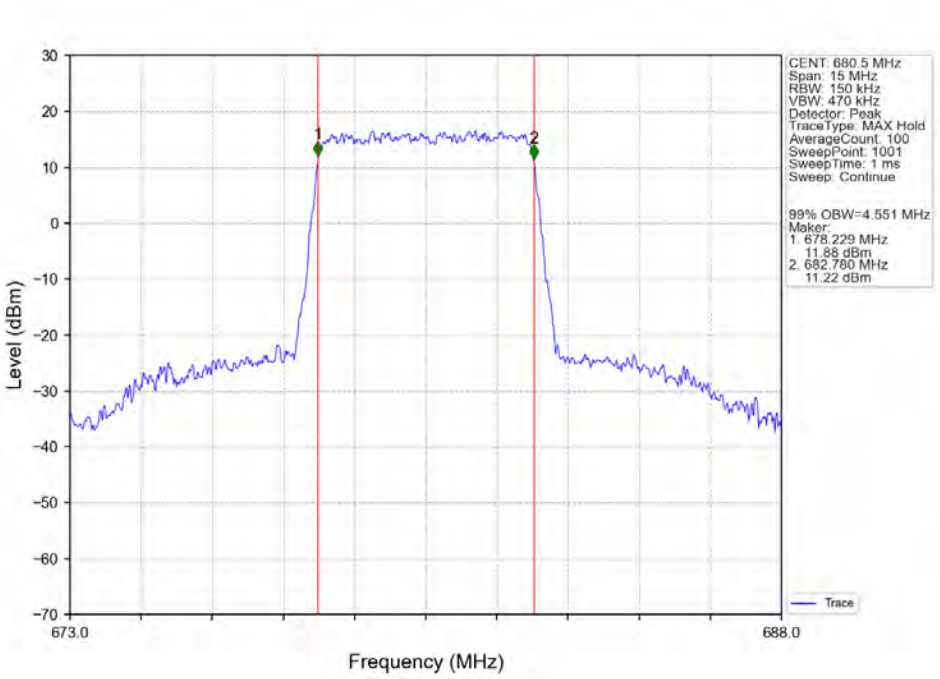
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



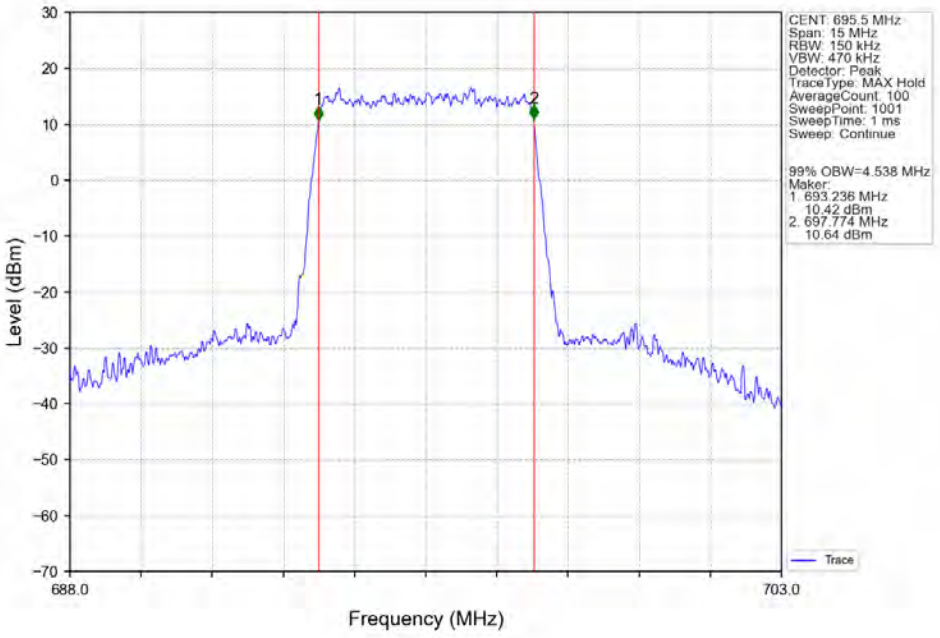
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



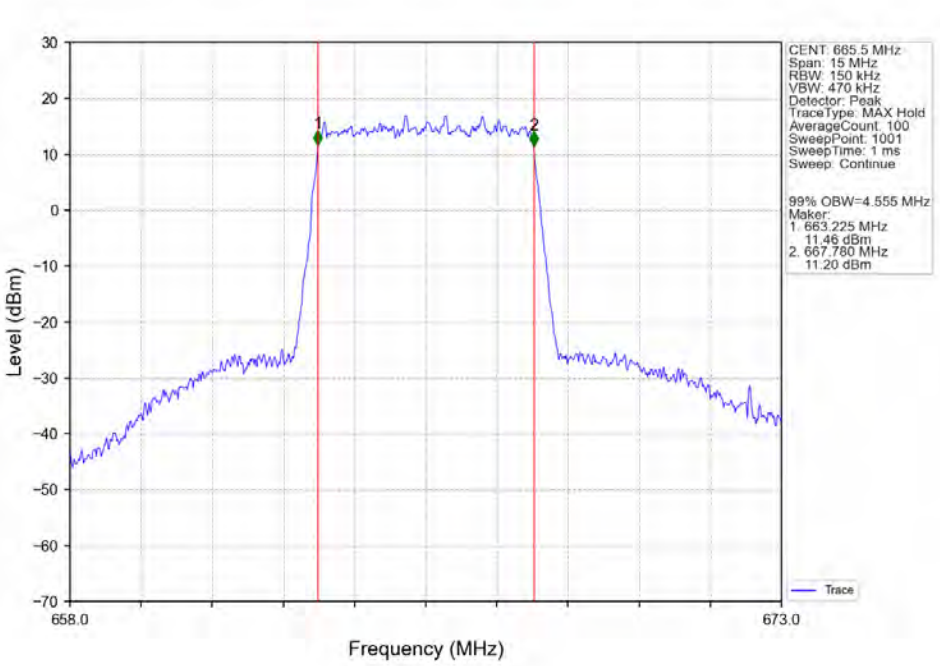
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



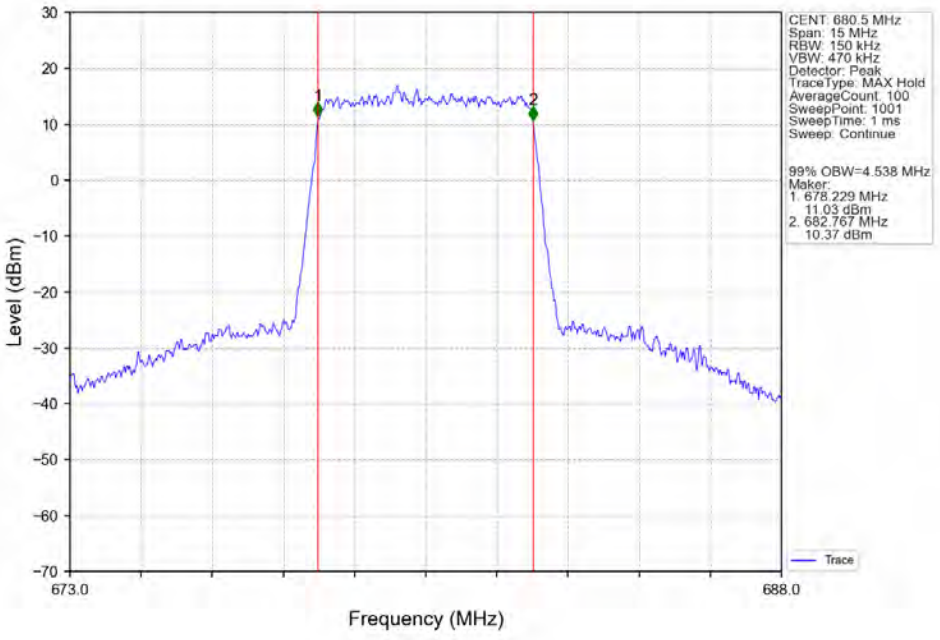
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



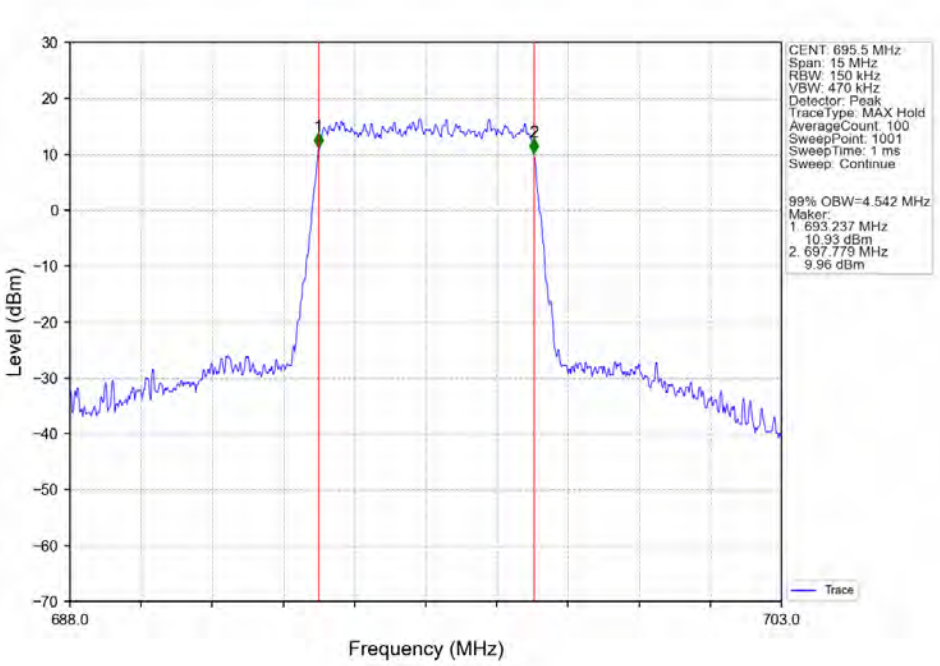
Band71_5MHz_64QAM_LCH_665.5MHz_RB_25_0_NTNV



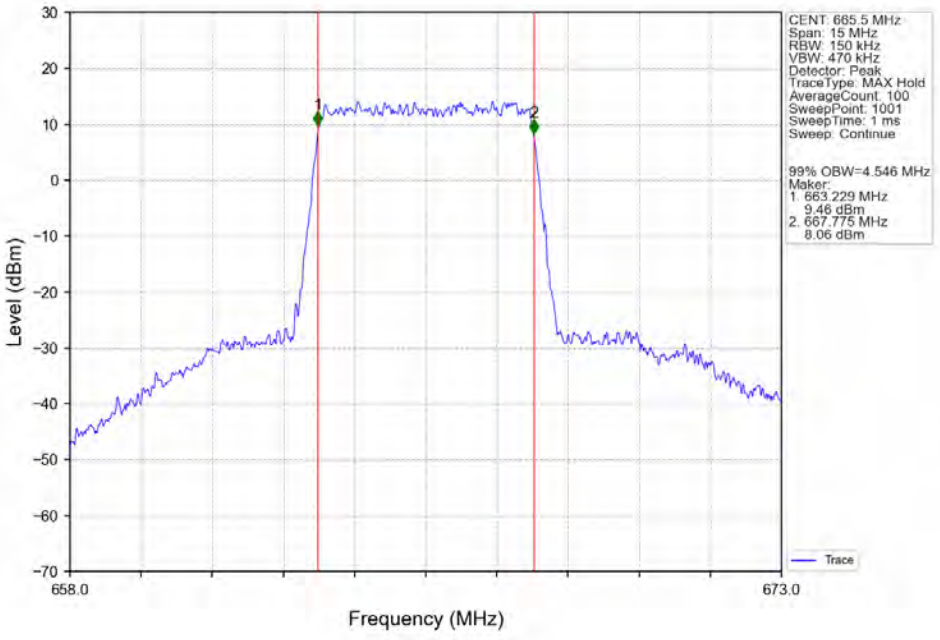
Band71_5MHz_64QAM_MCH_680.5MHz_RB_25_0_NTNV



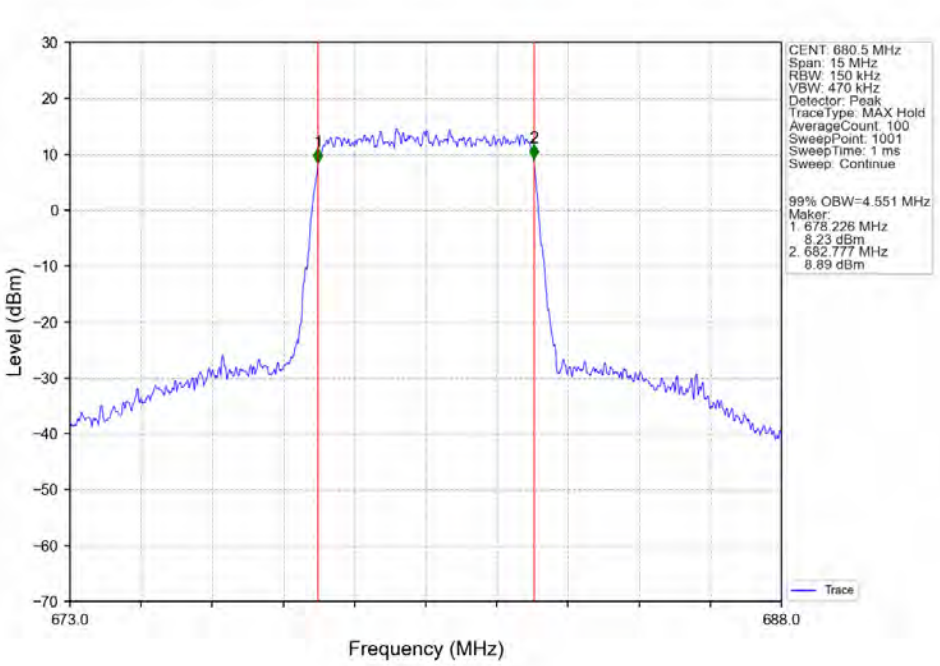
Band71_5MHz_64QAM_HCH_695.5MHz_RB_25_0_NTNV



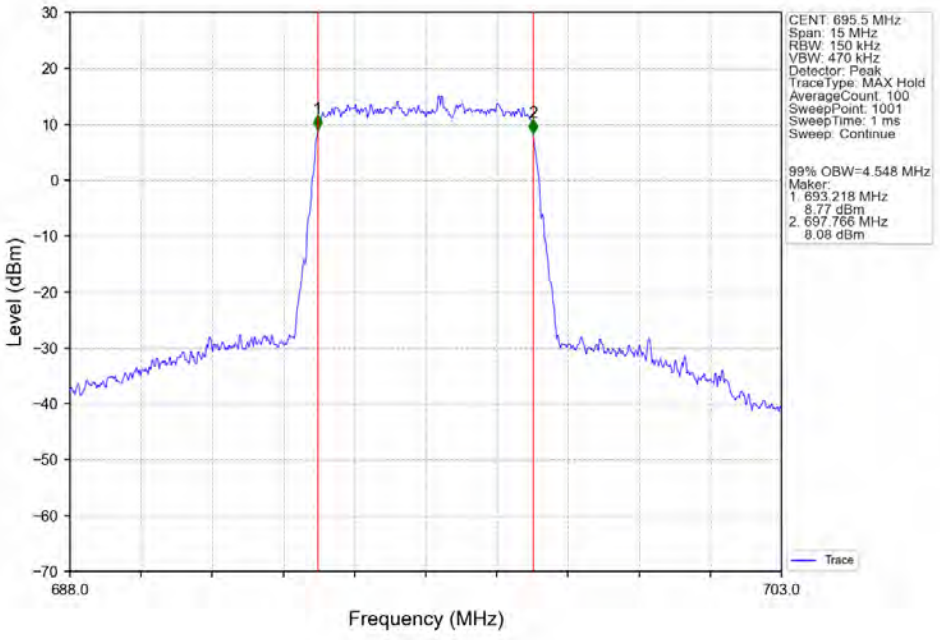
Band71_5MHz_256QAM_LCH_665.5MHz_RB_25_0_NTNV



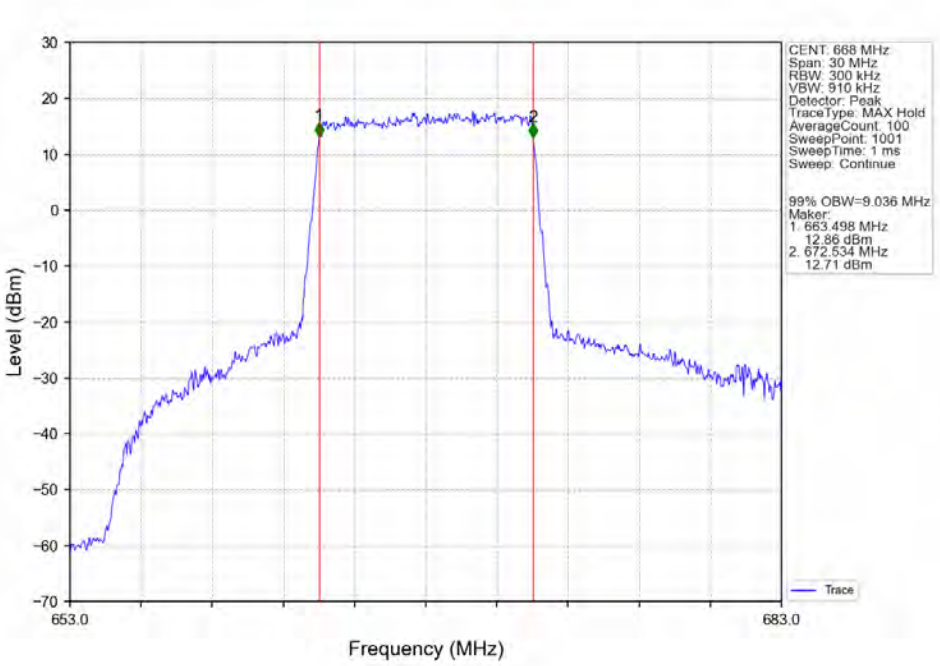
Band71_5MHz_256QAM_MCH_680.5MHz_RB_25_0_NTNV



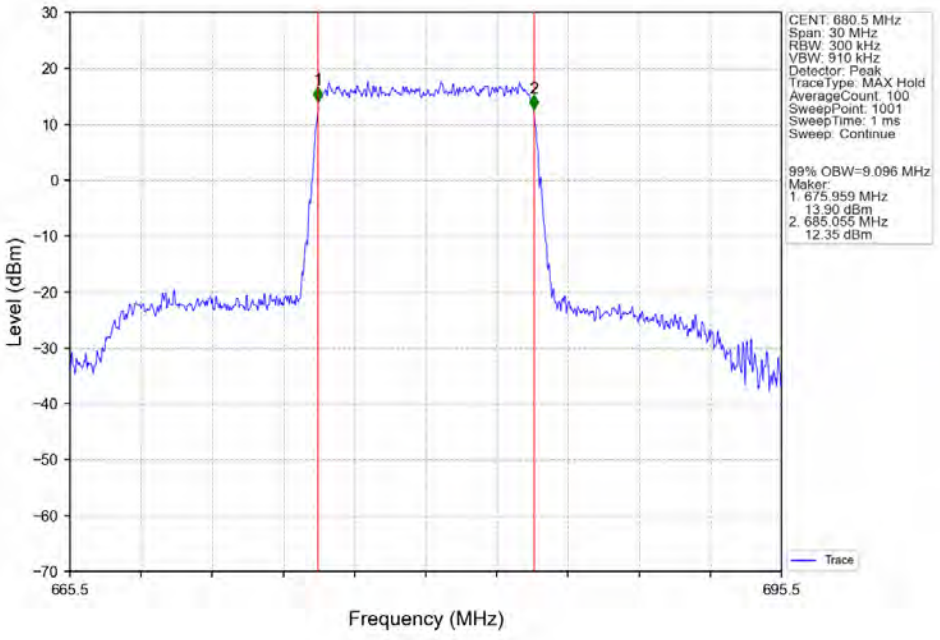
Band71_5MHz_256QAM_HCH_695.5MHz_RB_25_0_NTNV



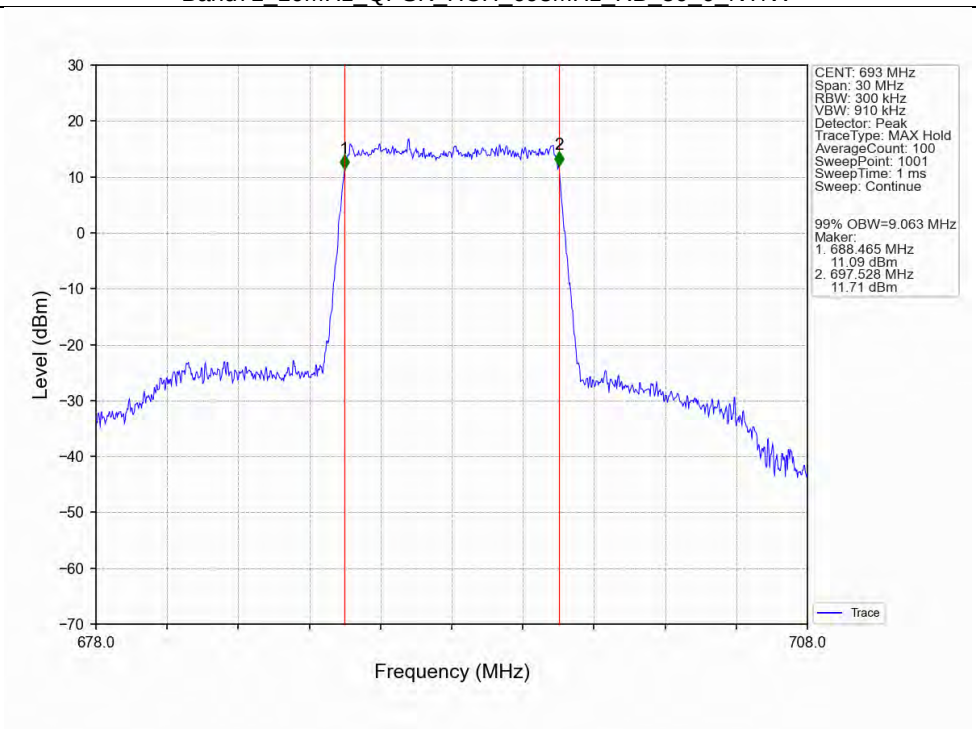
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



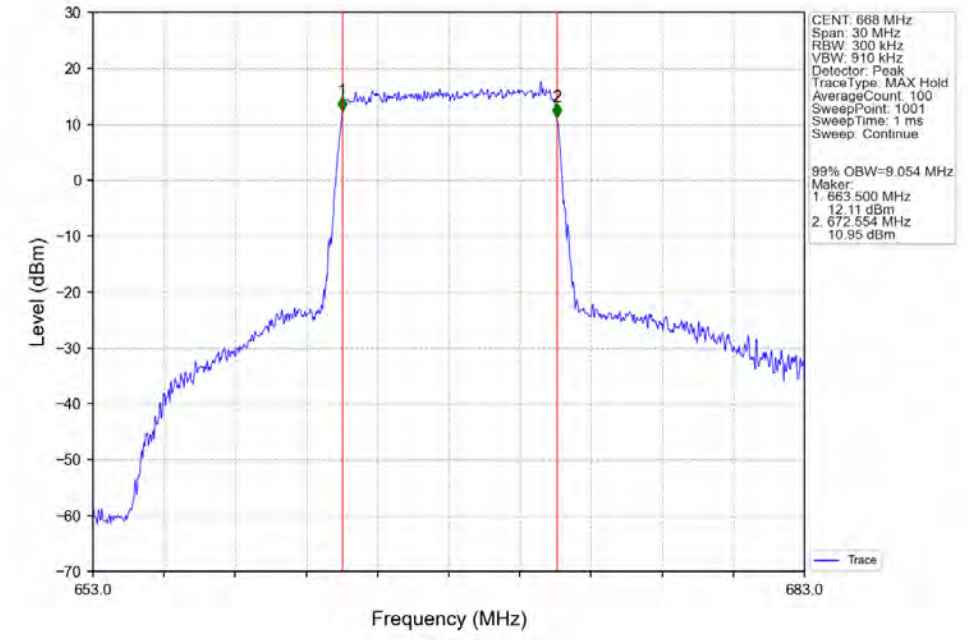
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



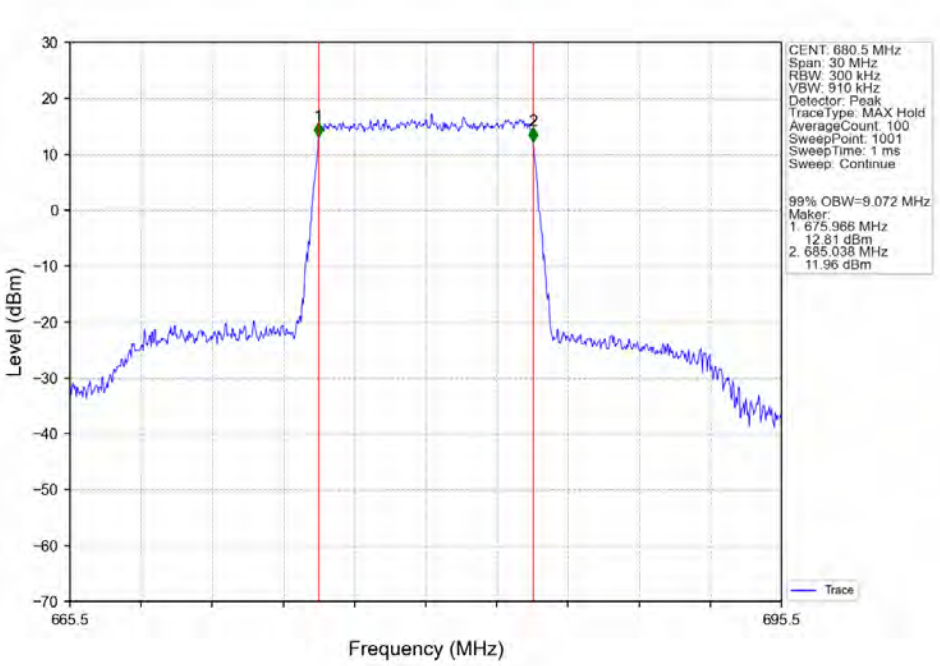
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



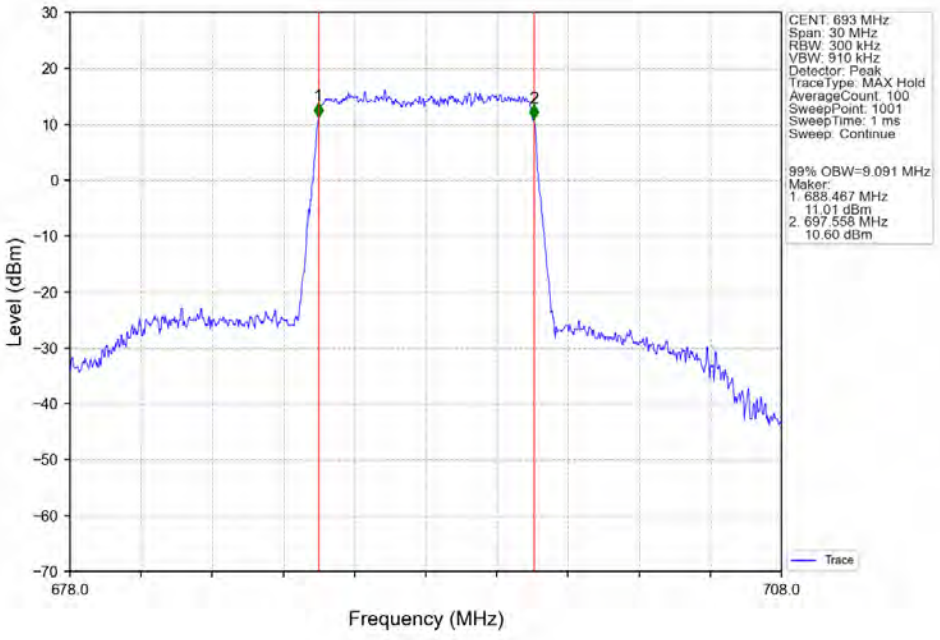
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



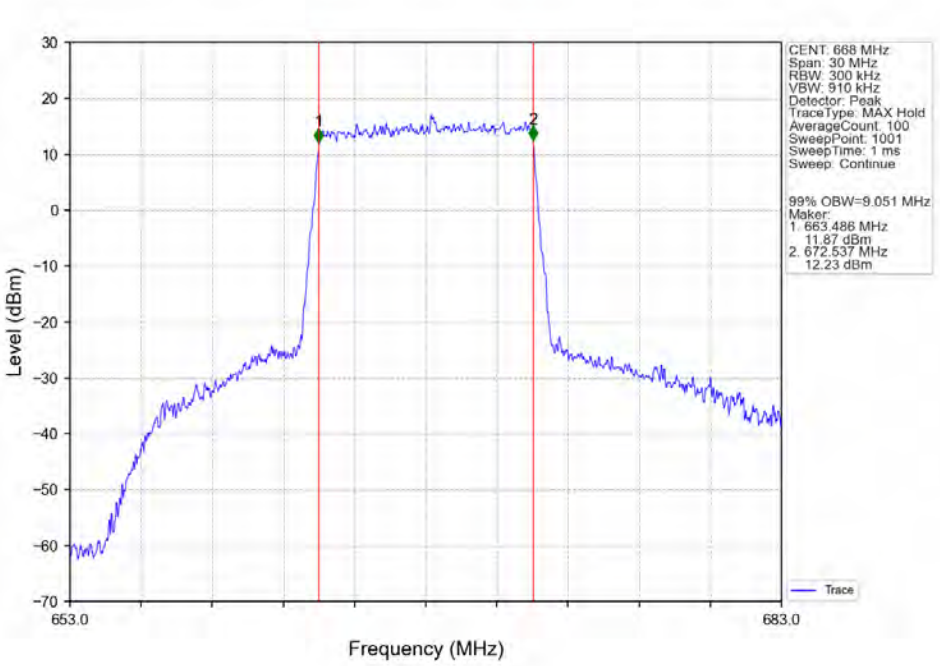
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



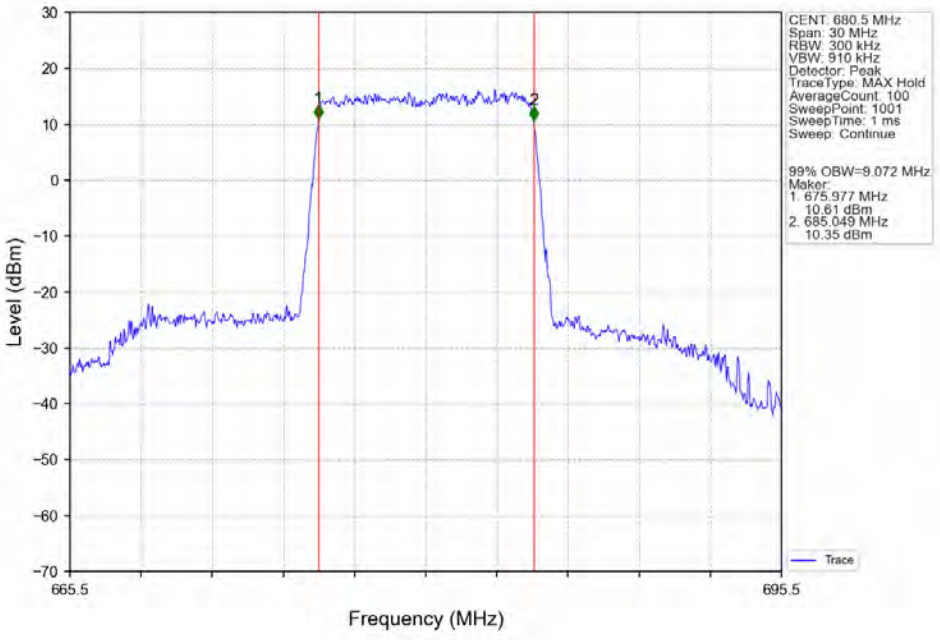
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



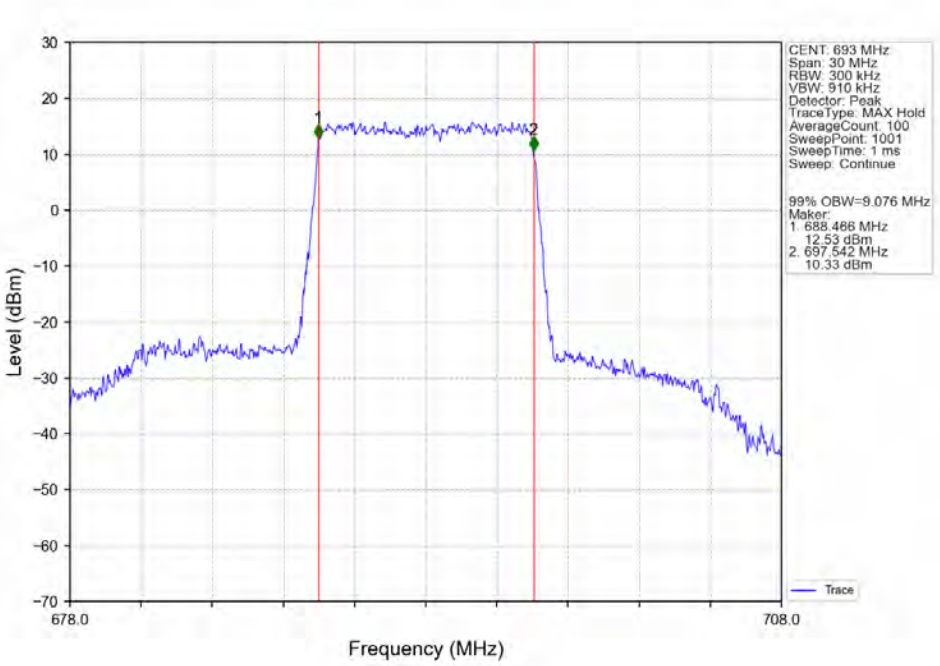
Band71_10MHz_64QAM_LCH_668MHz_RB_50_0_NTNV



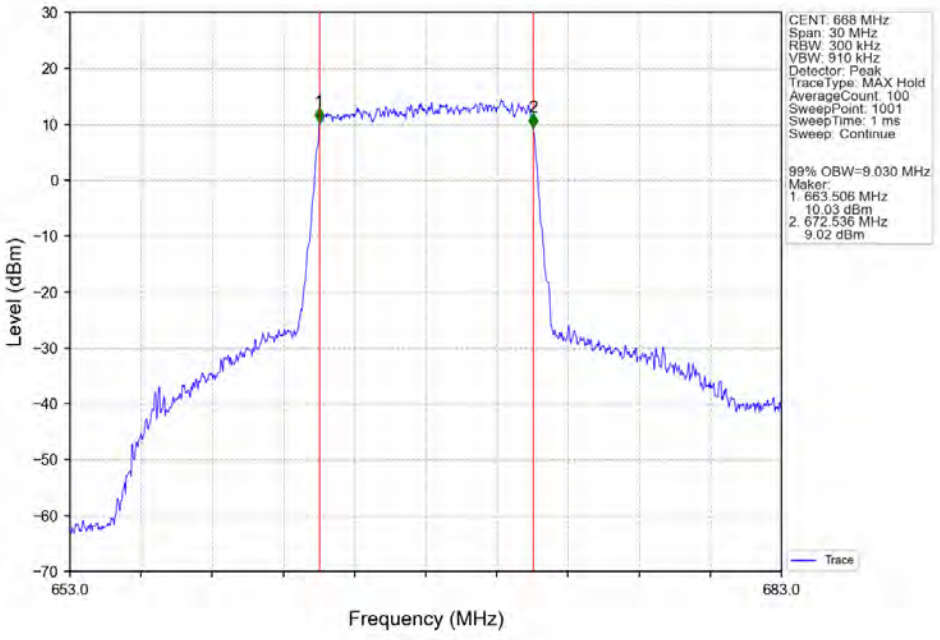
Band71_10MHz_64QAM_MCH_680.5MHz_RB_50_0_NTNV



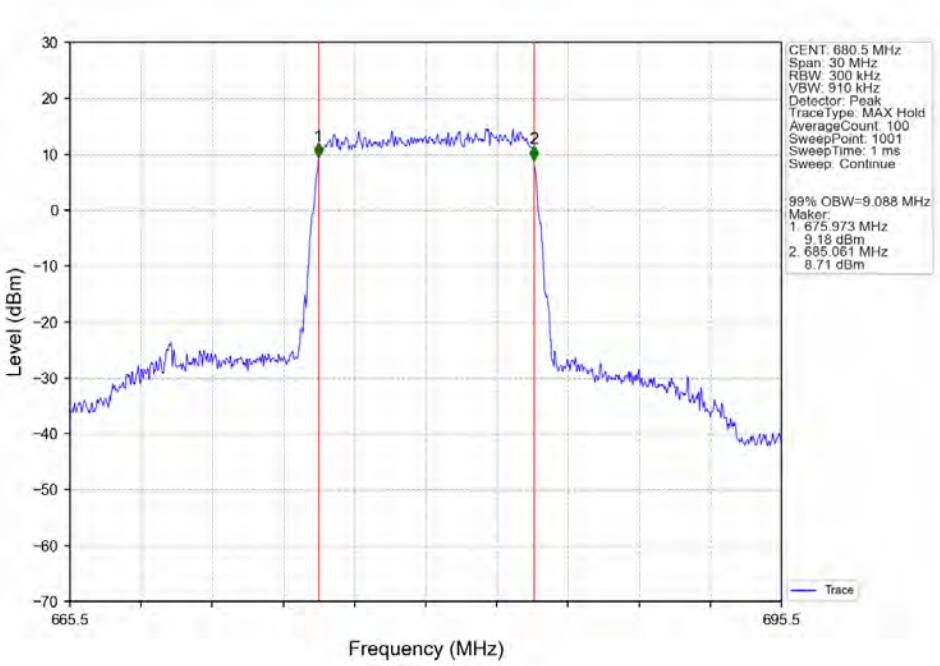
Band71_10MHz_64QAM_HCH_693MHz_RB_50_0_NTNV



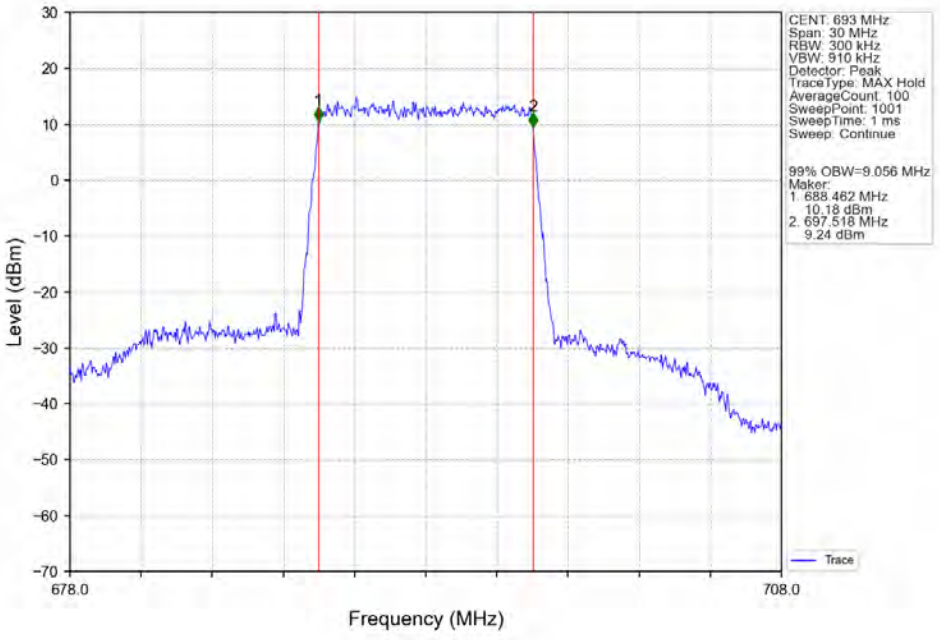
Band71_10MHz_256QAM_LCH_668MHz_RB_50_0_NTNV



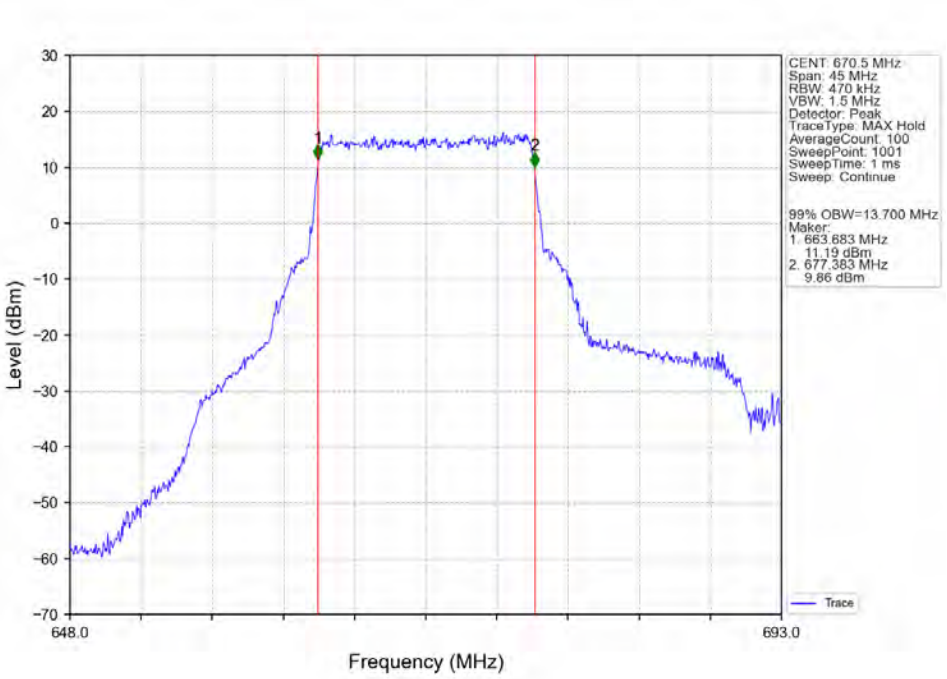
Band71_10MHz_256QAM_MCH_680.5MHz_RB_50_0_NTNV



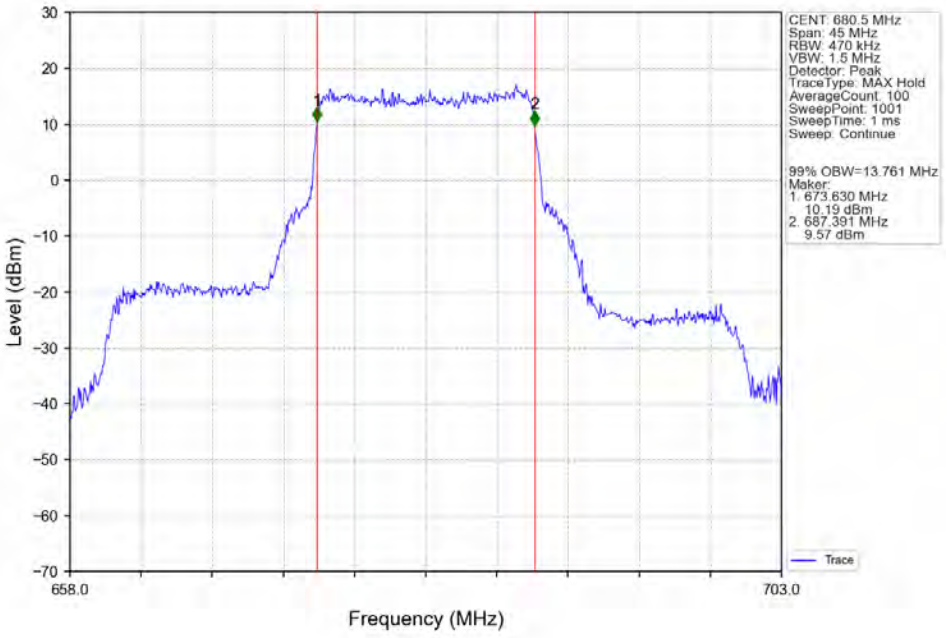
Band71_10MHz_256QAM_HCH_693MHz_RB_50_0_NTNV



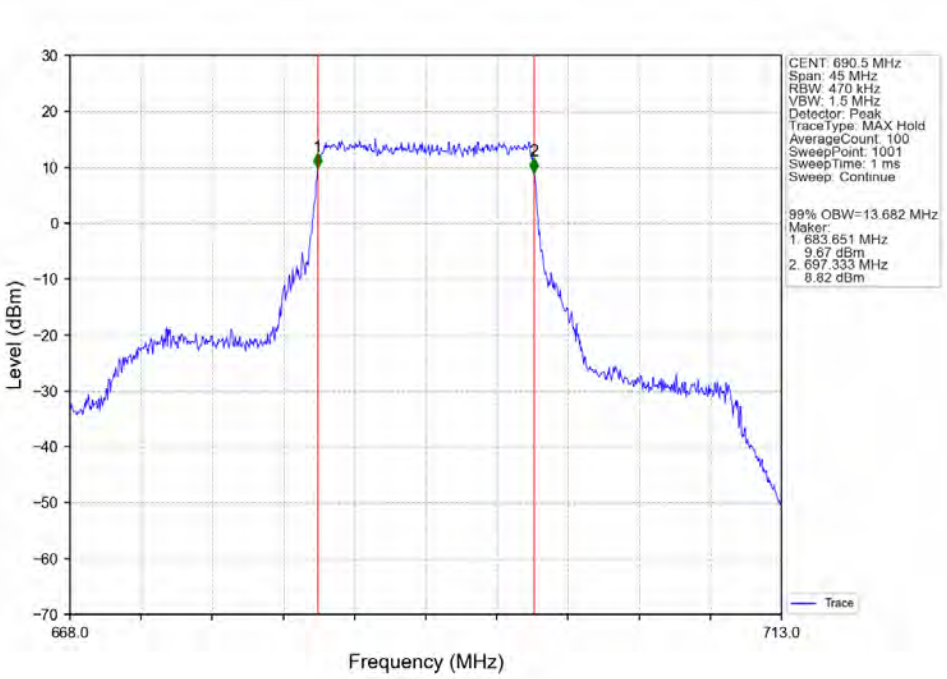
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



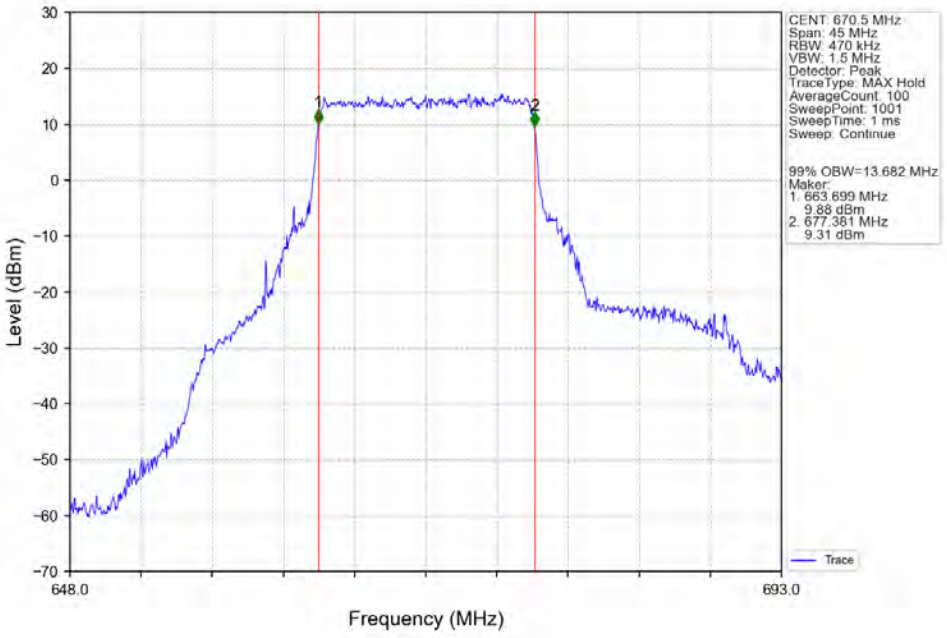
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



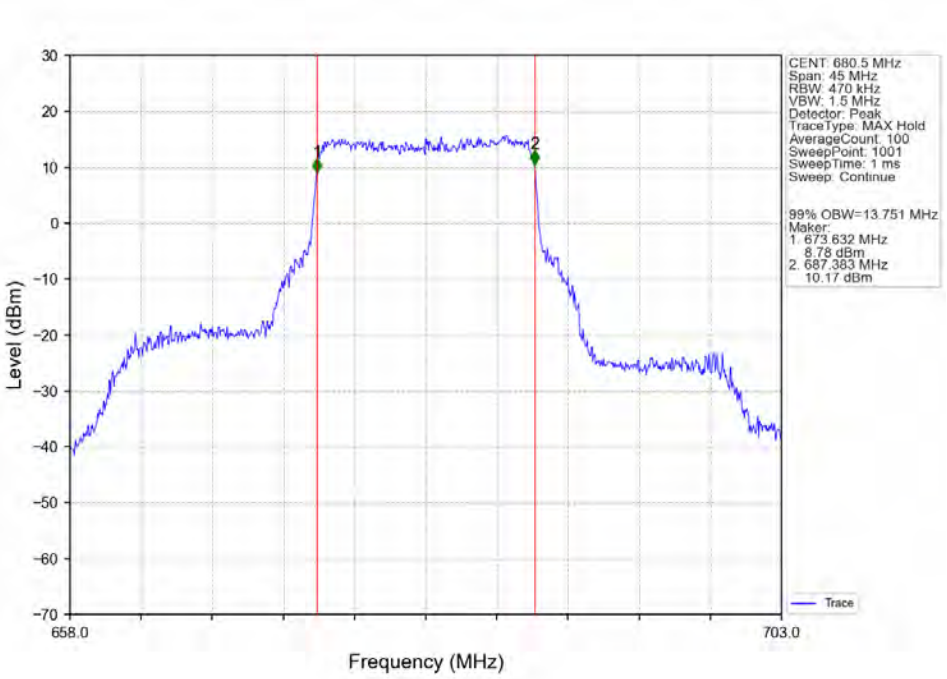
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



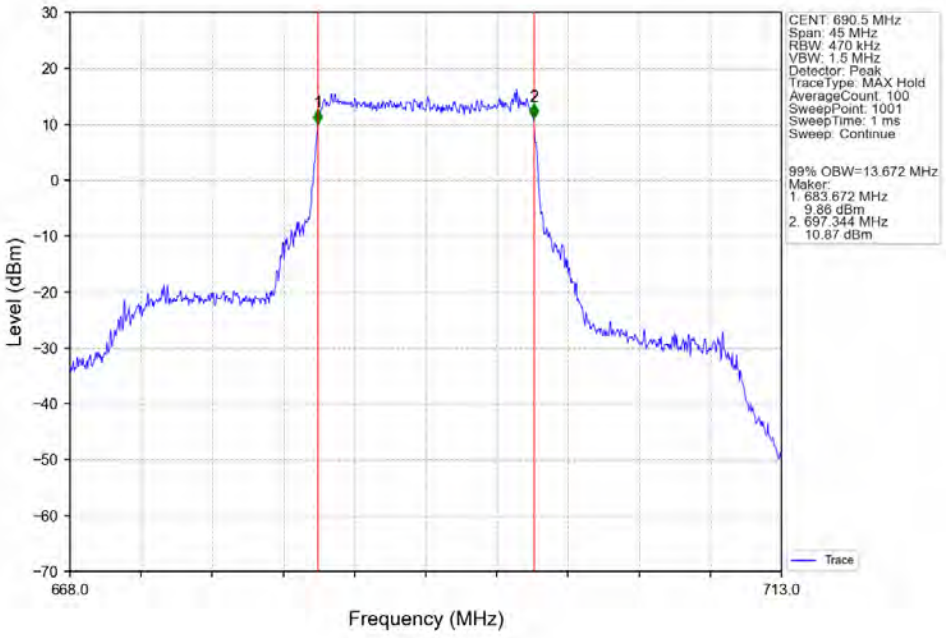
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



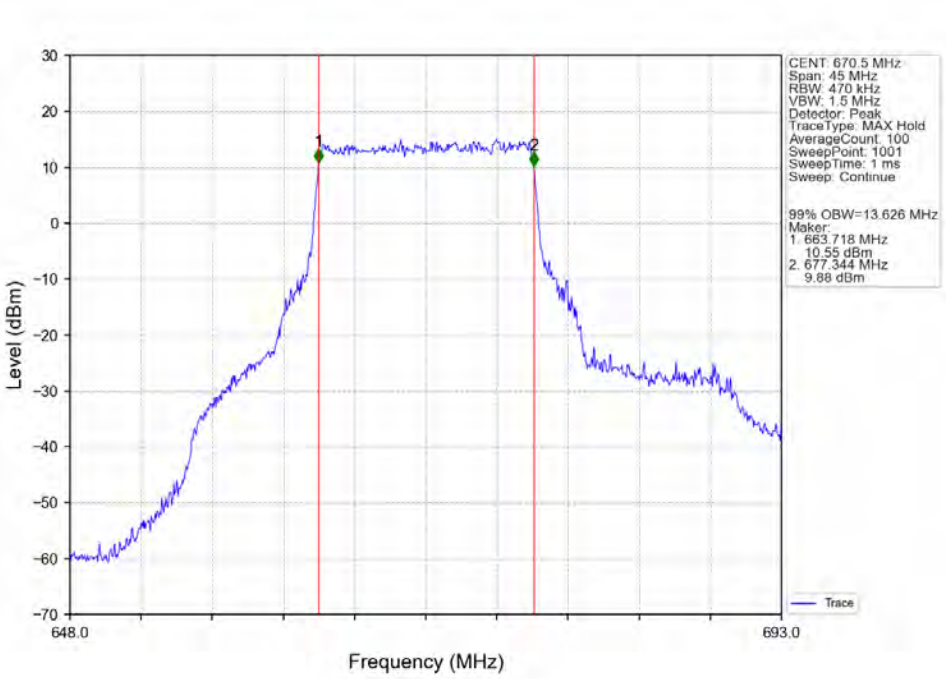
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



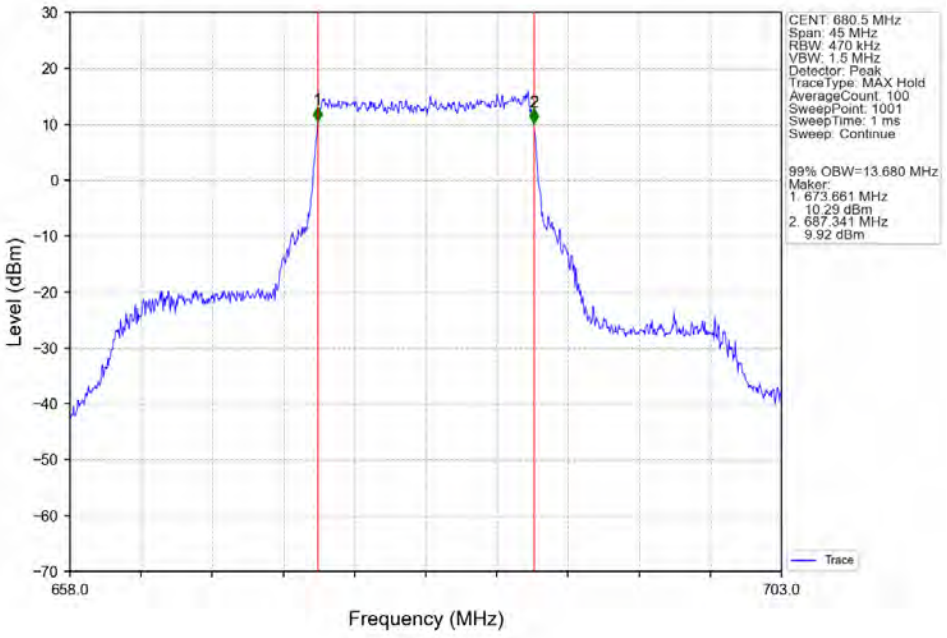
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



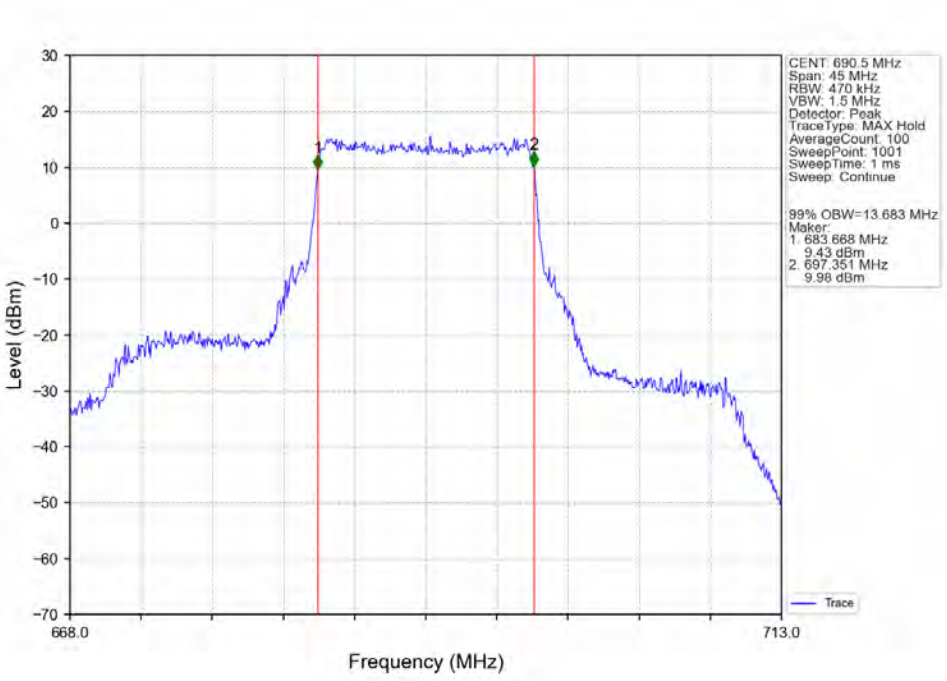
Band71_15MHz_64QAM_LCH_670.5MHz_RB_75_0_NTNV



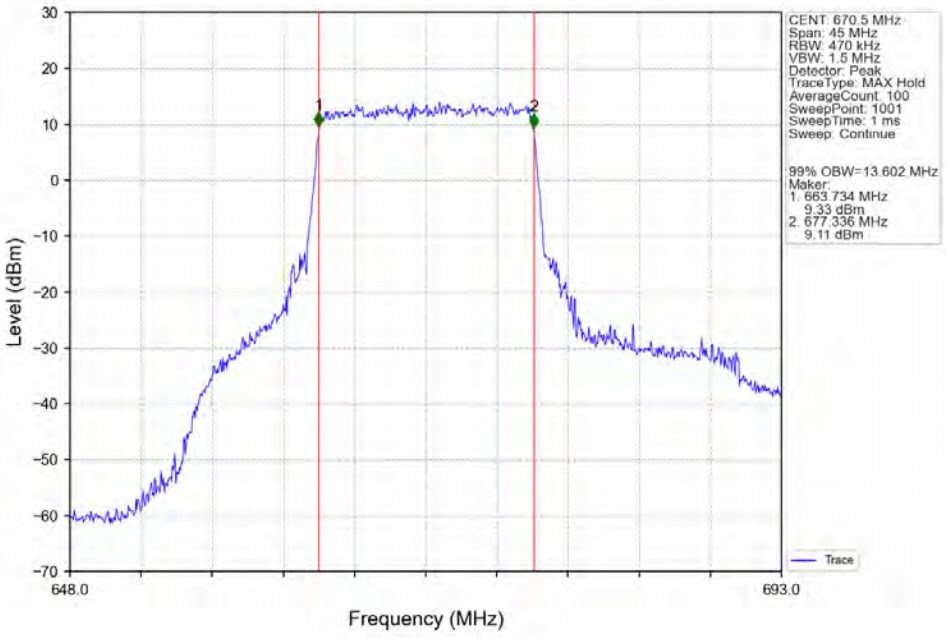
Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV



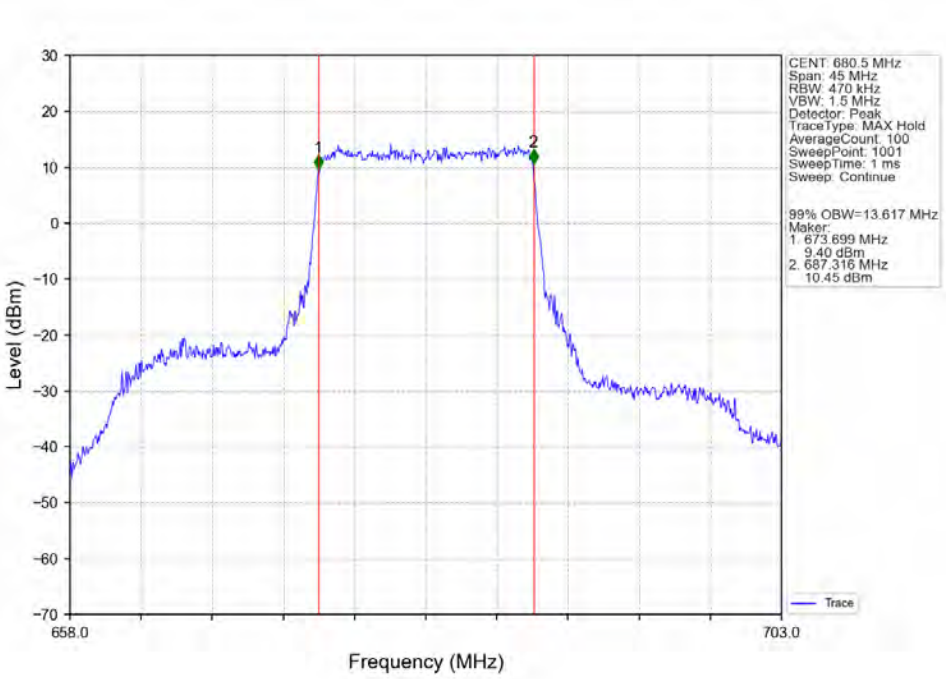
Band71_15MHz_64QAM_HCH_690.5MHz_RB_75_0_NTNV



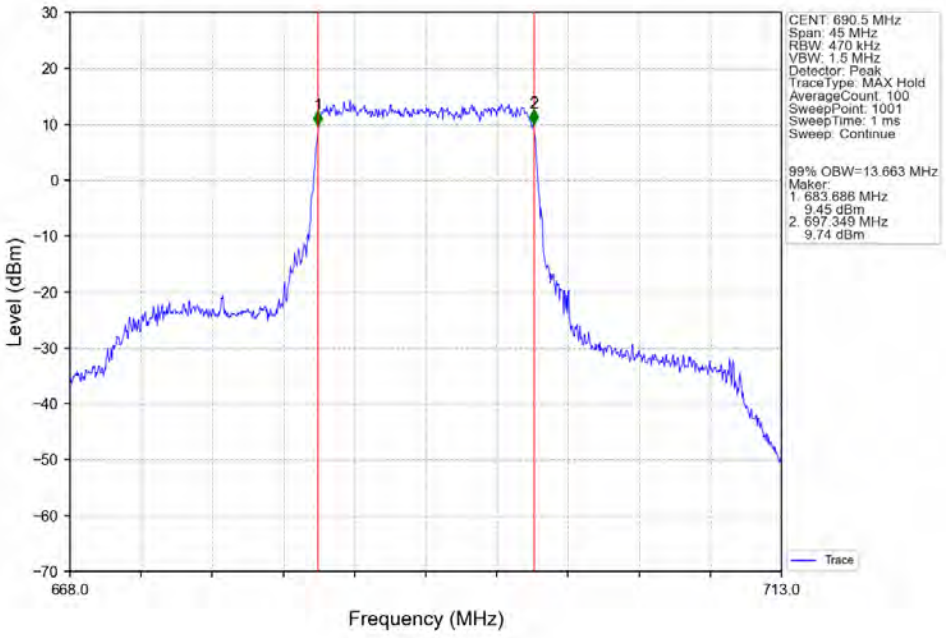
Band71_15MHz_256QAM_LCH_670.5MHz_RB_75_0_NTNV



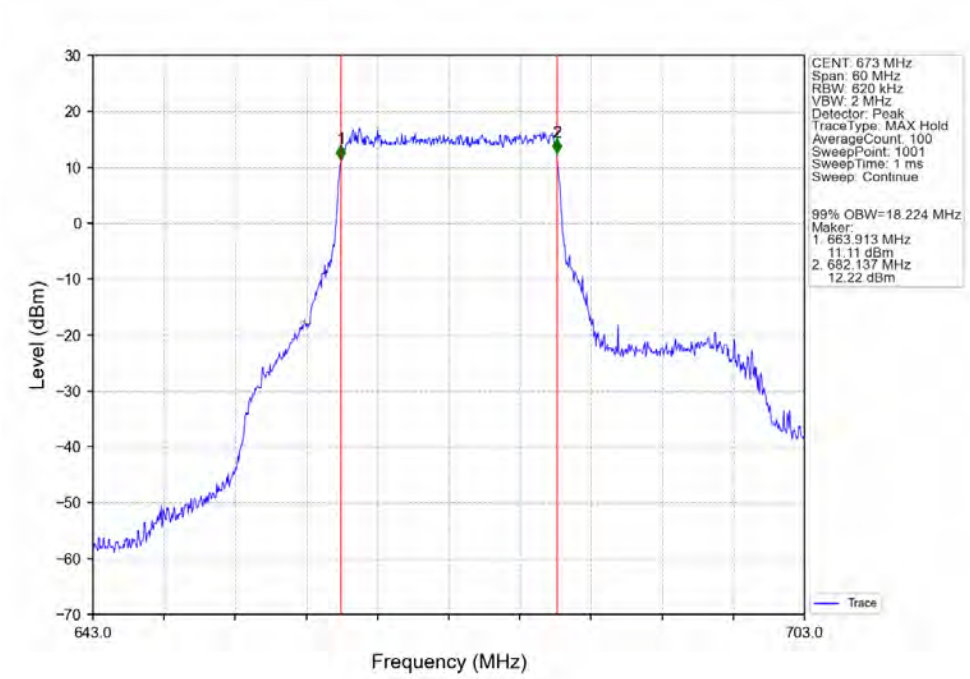
Band71_15MHz_256QAM_MCH_680.5MHz_RB_75_0_NTNV



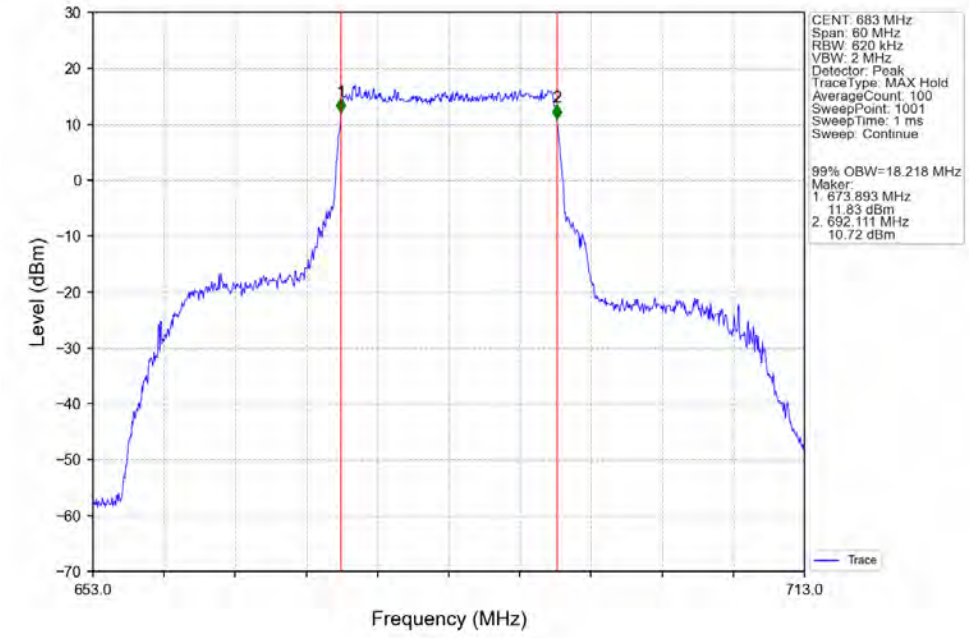
Band71_15MHz_256QAM_HCH_690.5MHz_RB_75_0_NTNV



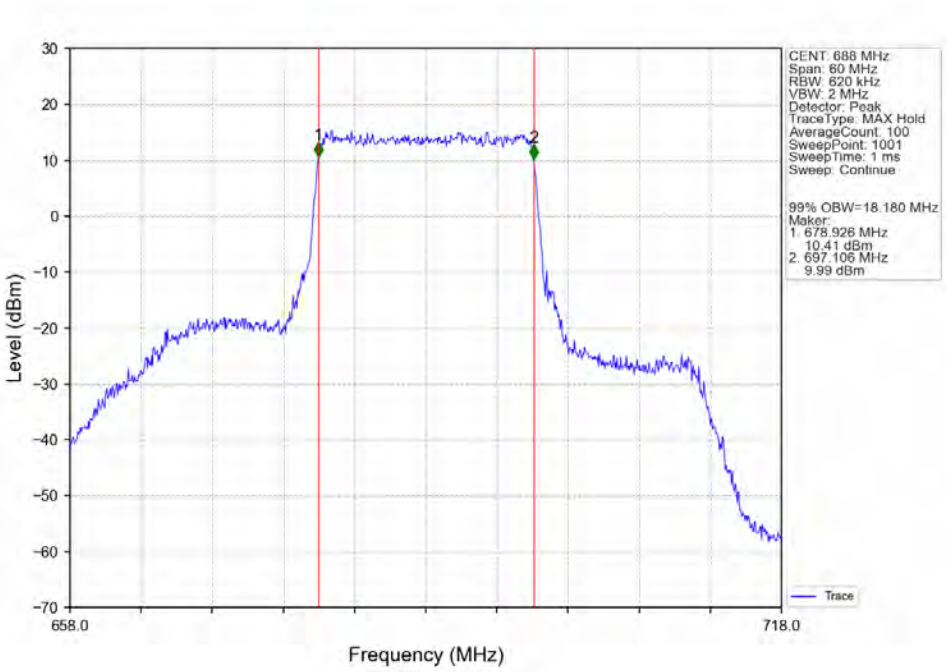
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



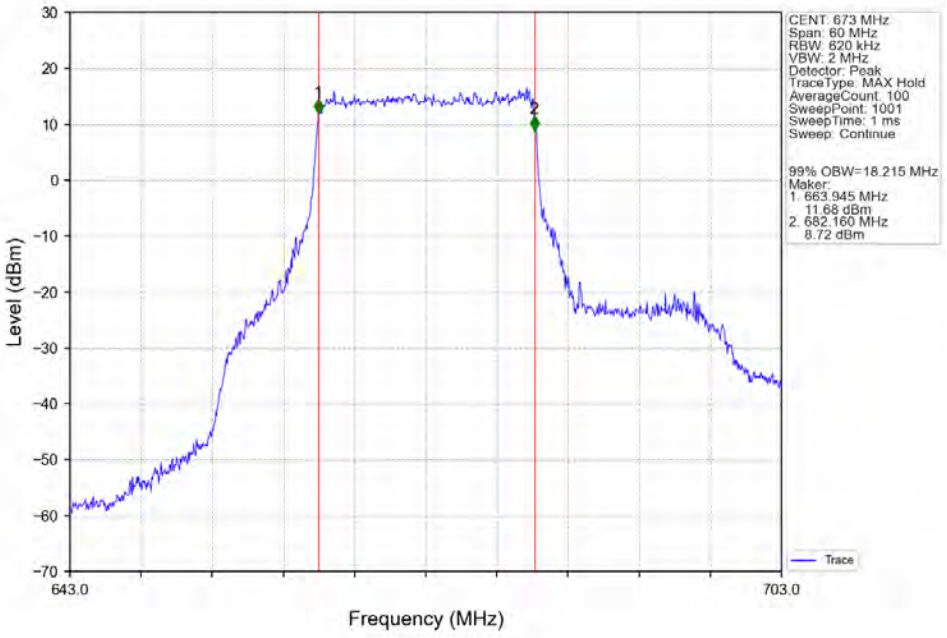
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



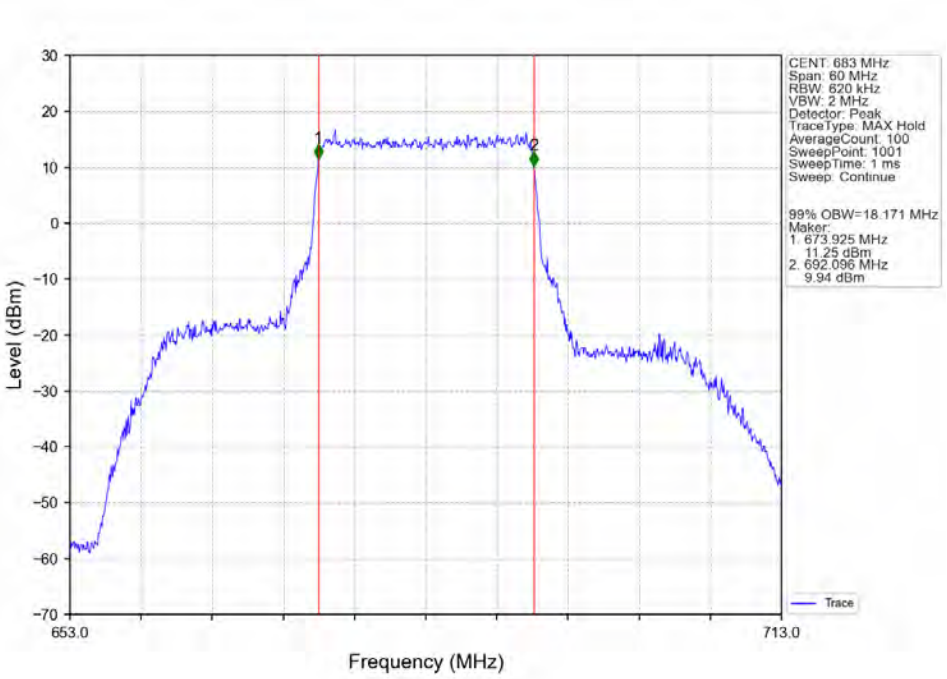
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



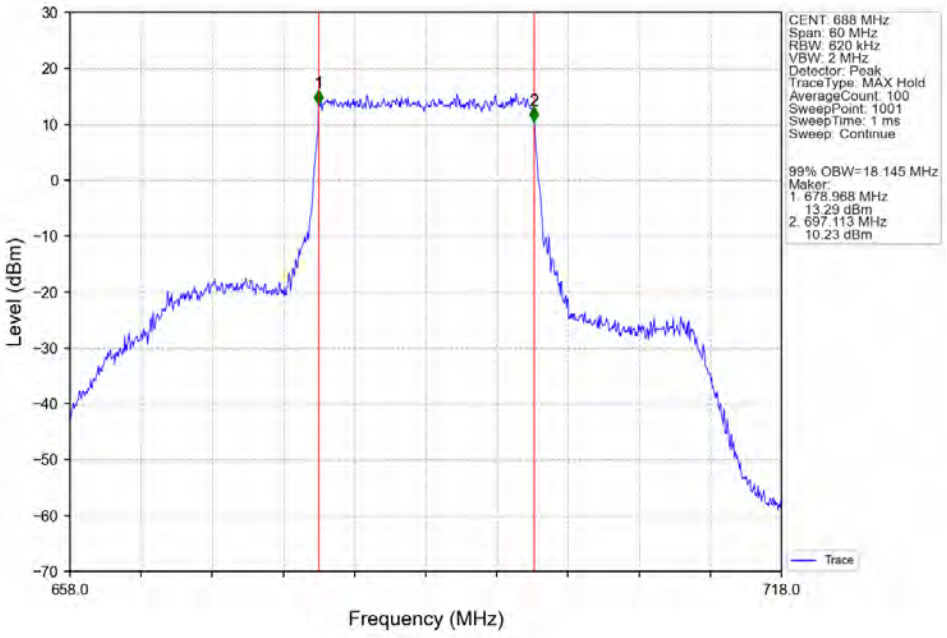
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



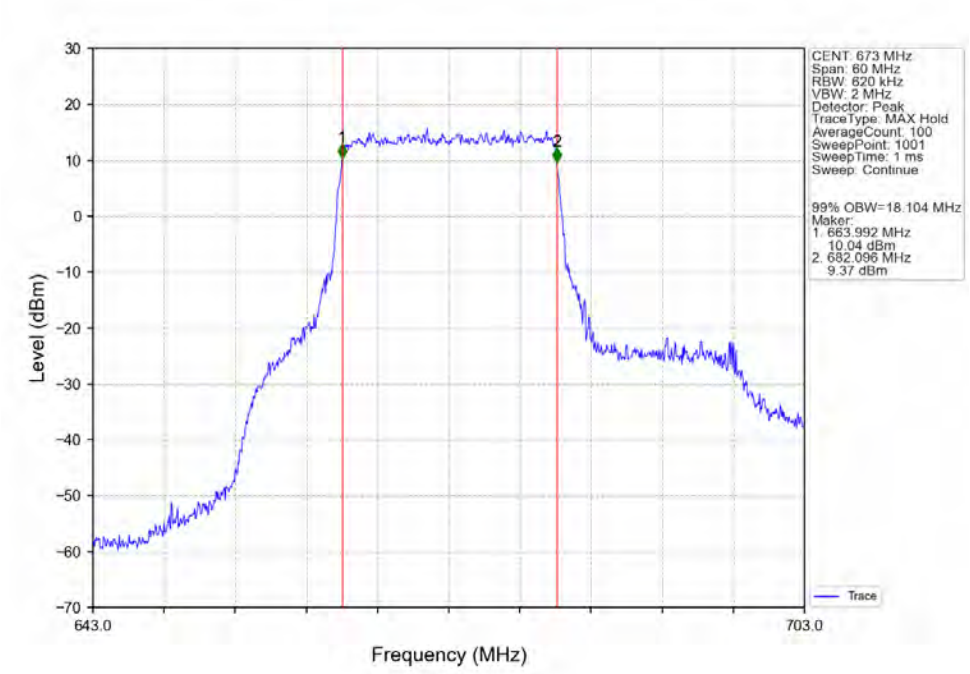
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



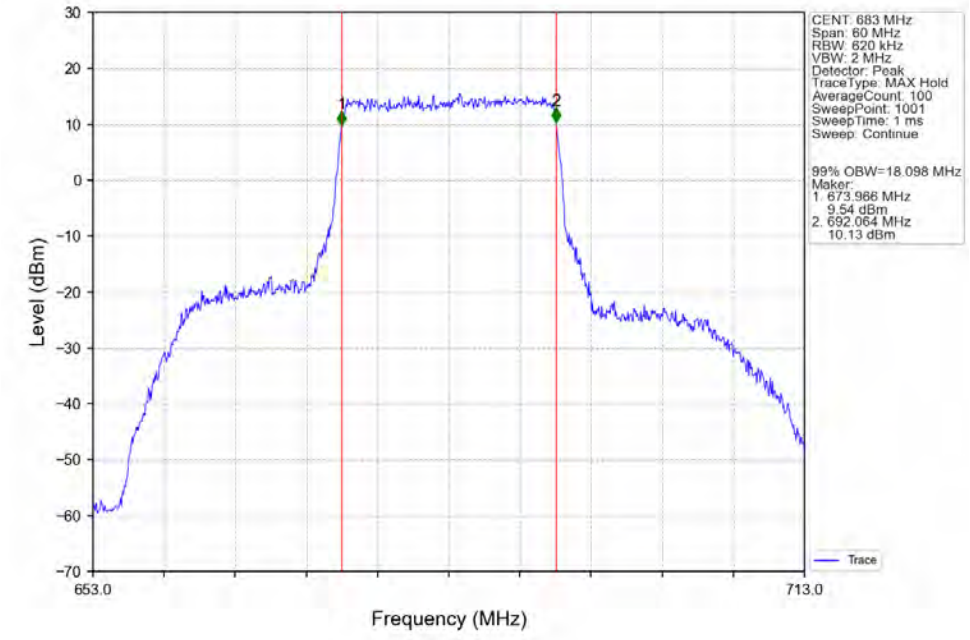
Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



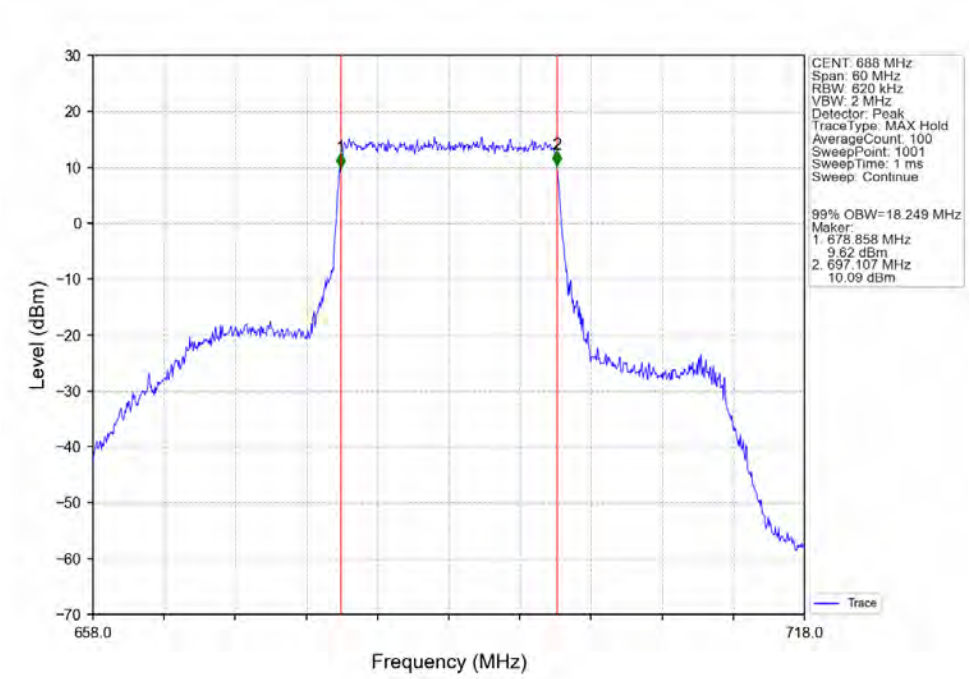
Band71_20MHz_64QAM_LCH_673MHz_RB_100_0_NTNV



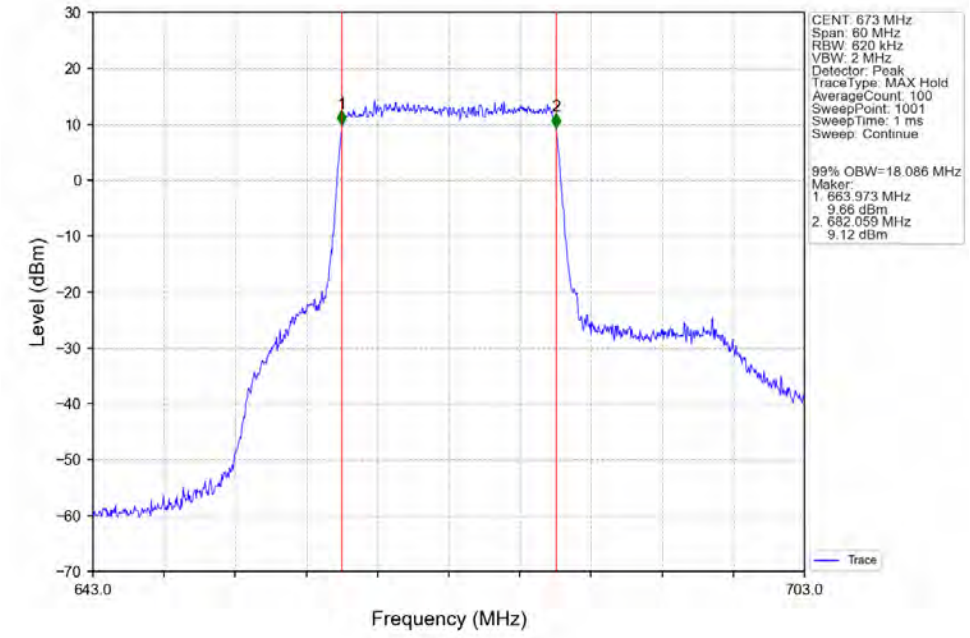
Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV



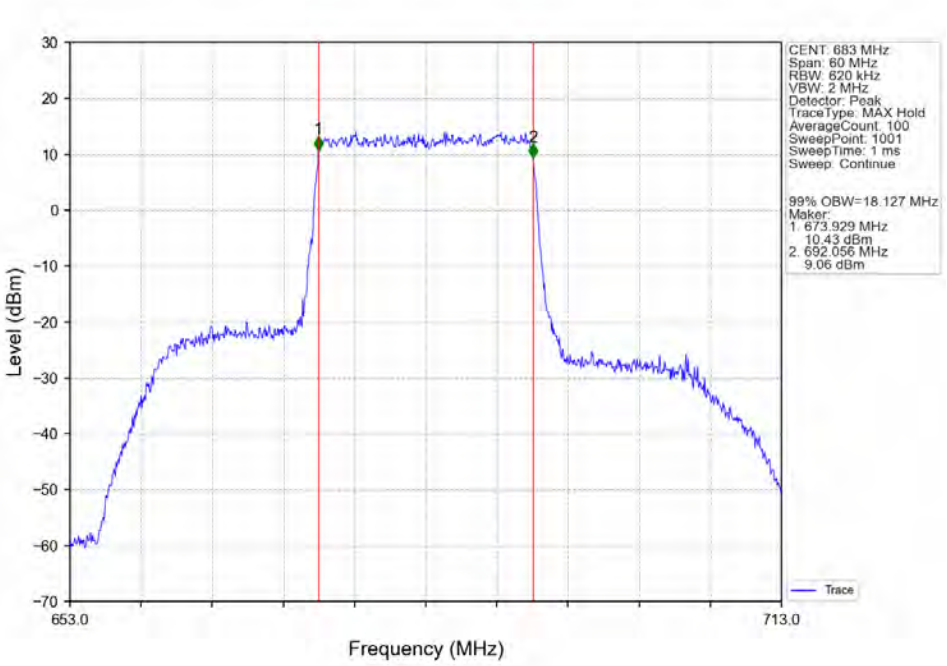
Band71_20MHz_64QAM_HCH_688MHz_RB_100_0_NTNV



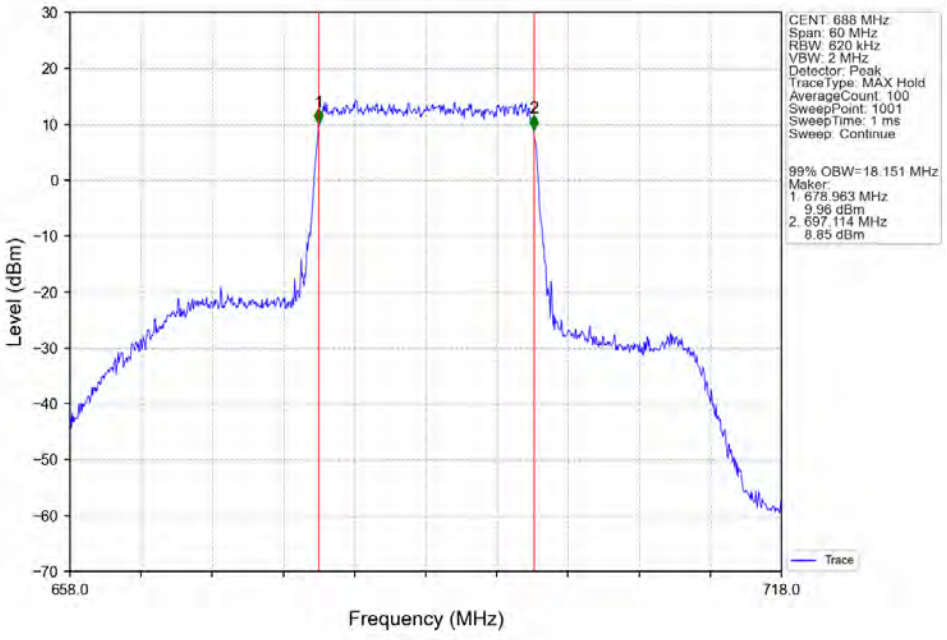
Band71_20MHz_256QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_MCH_683MHz_RB_100_0_NTNV

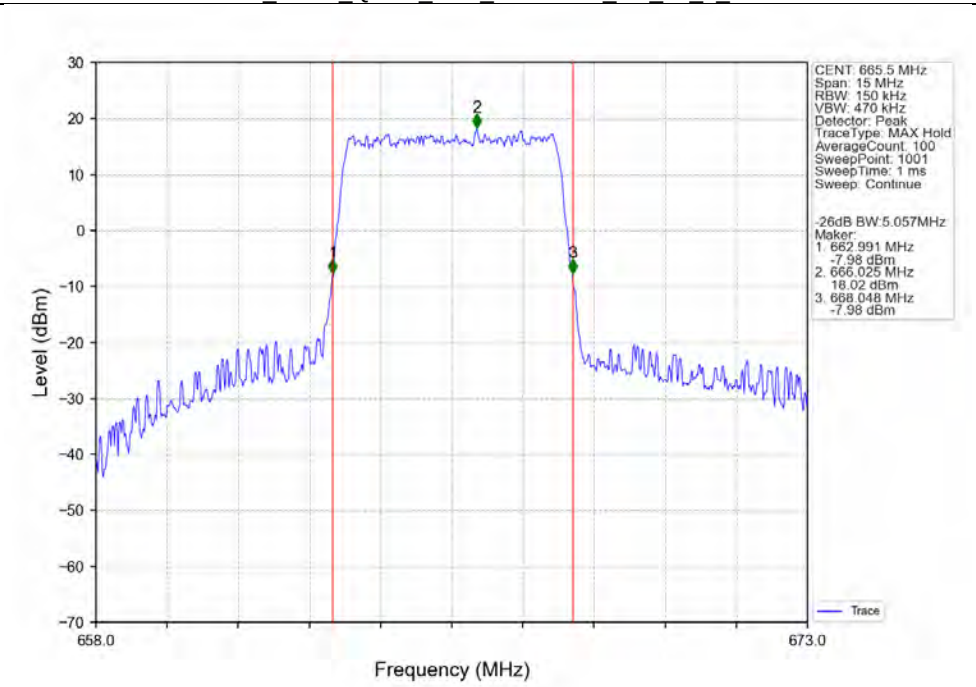


Band71_20MHz_256QAM_HCH_688MHz_RB_100_0_NTNV

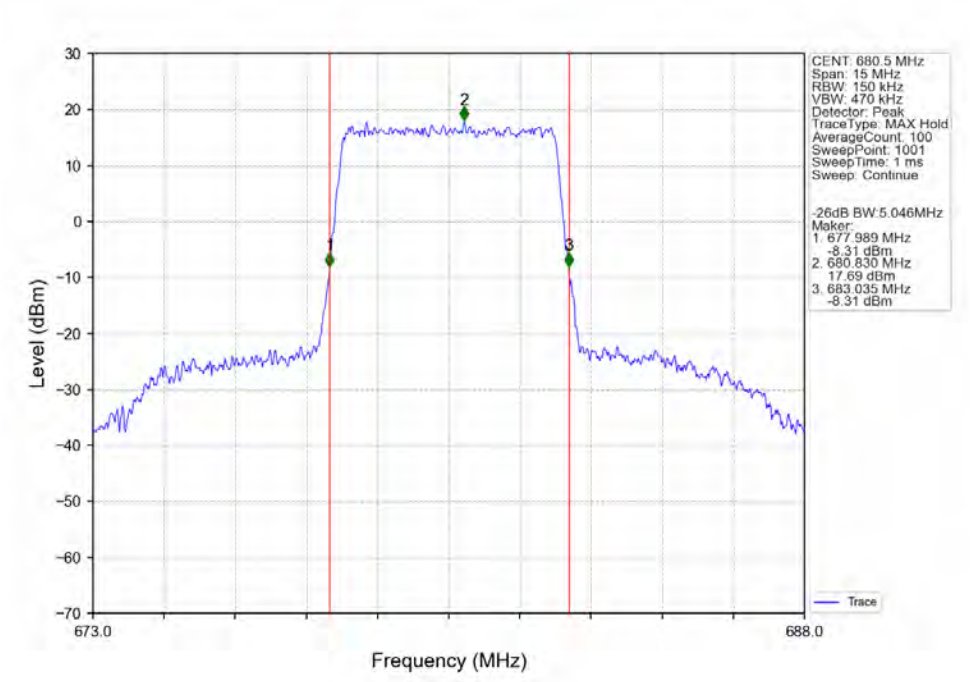


3.2.2 Band71_XDB

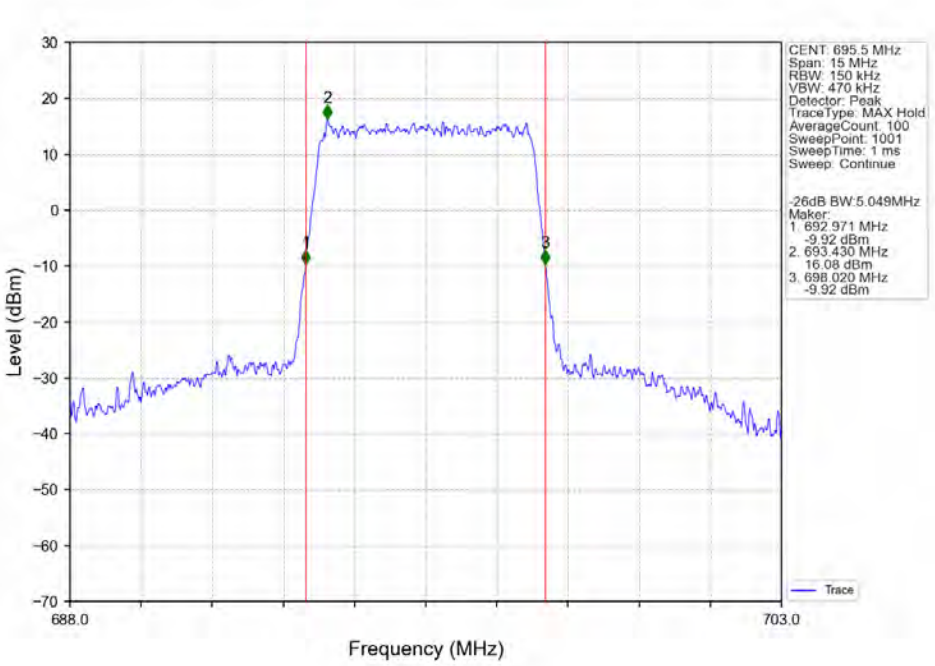
Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



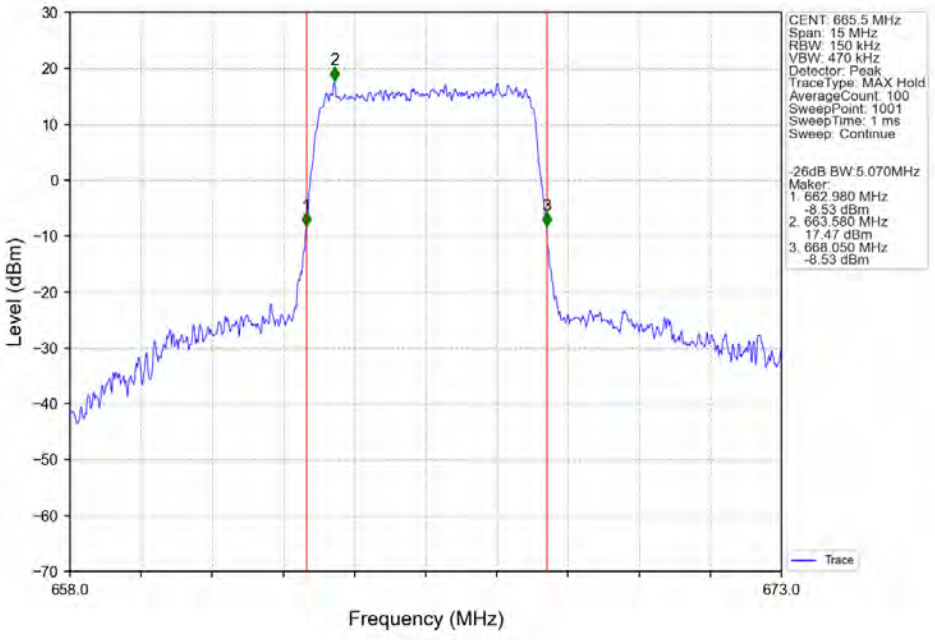
Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV



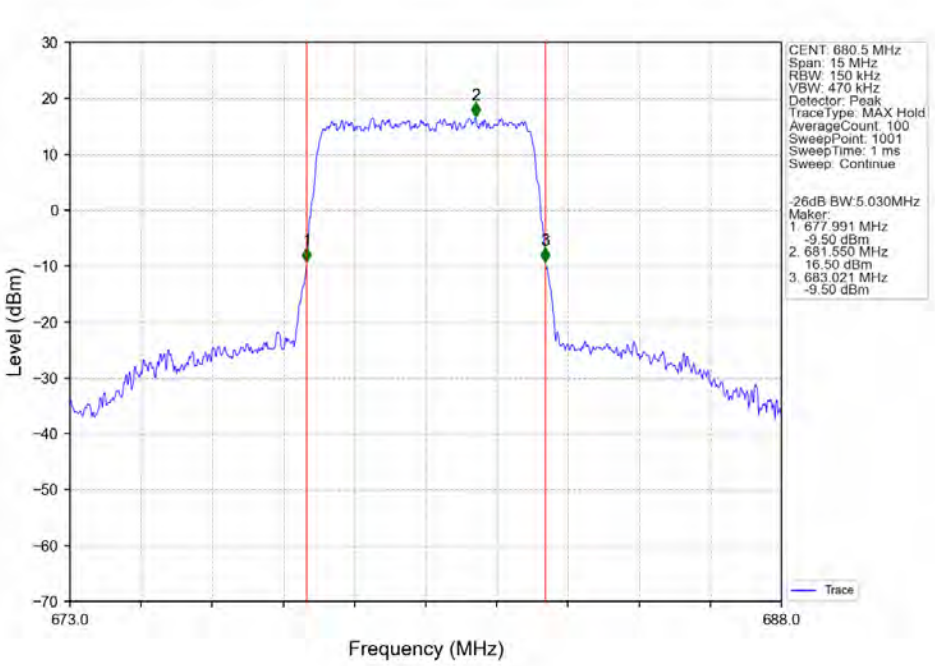
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



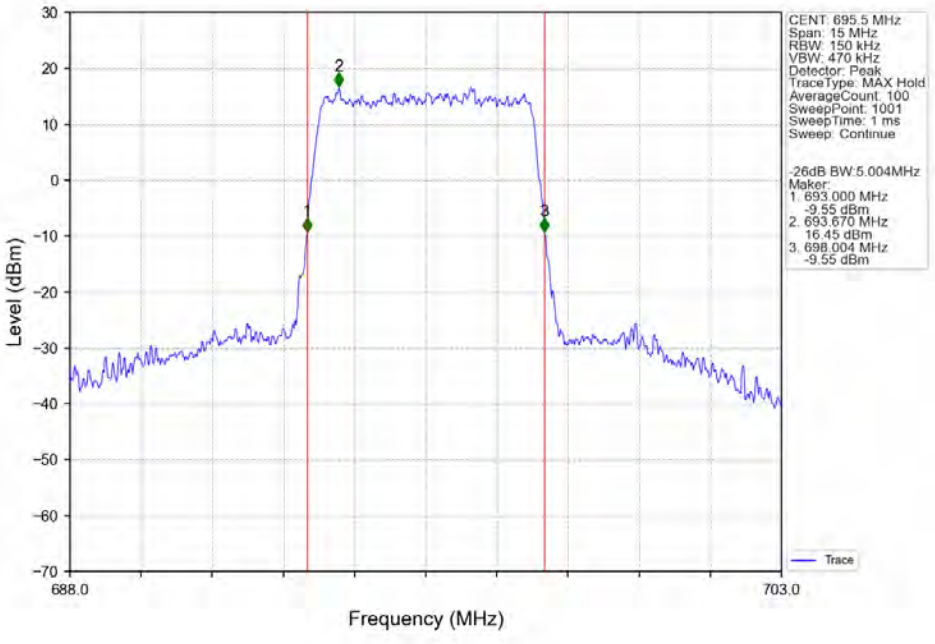
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



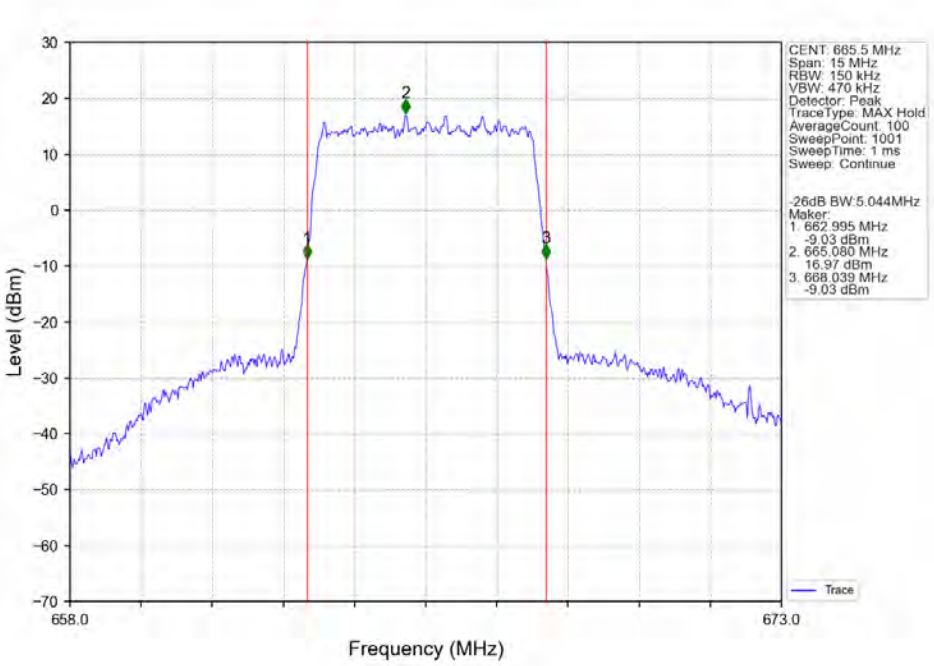
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



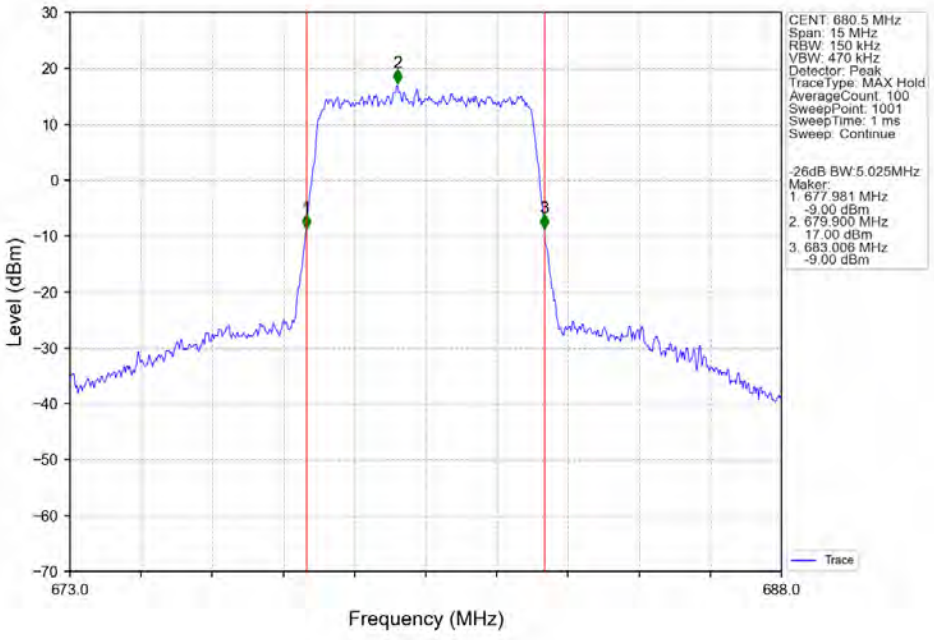
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



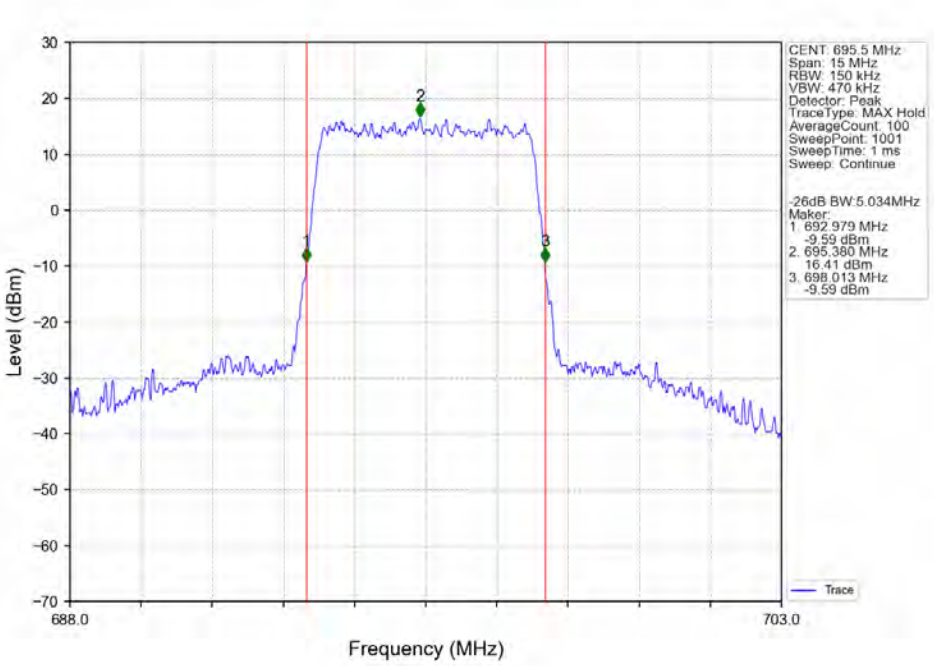
Band71_5MHz_64QAM_LCH_665.5MHz_RB_25_0_NTNV



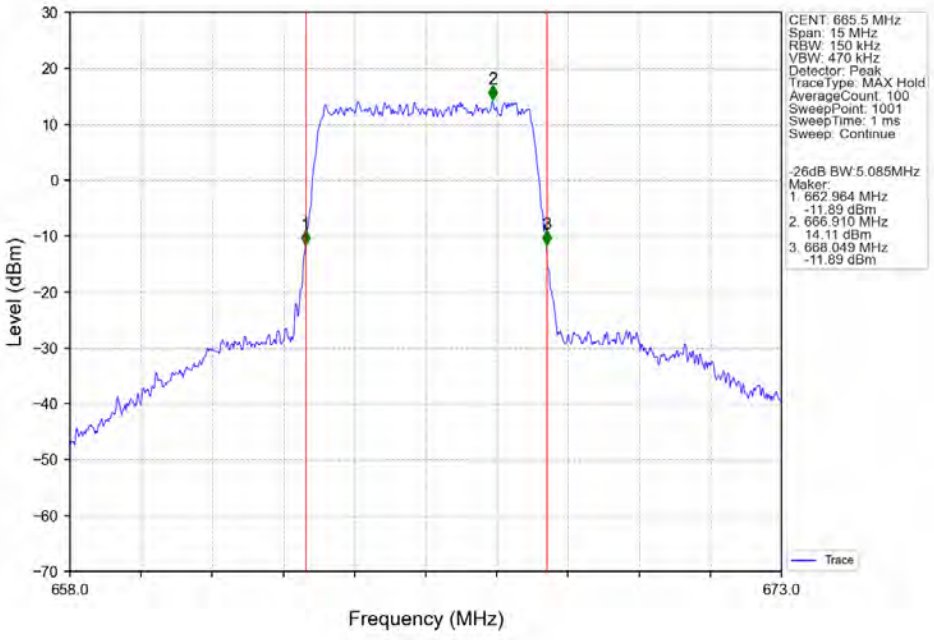
Band71_5MHz_64QAM_MCH_680.5MHz_RB_25_0_NTNV



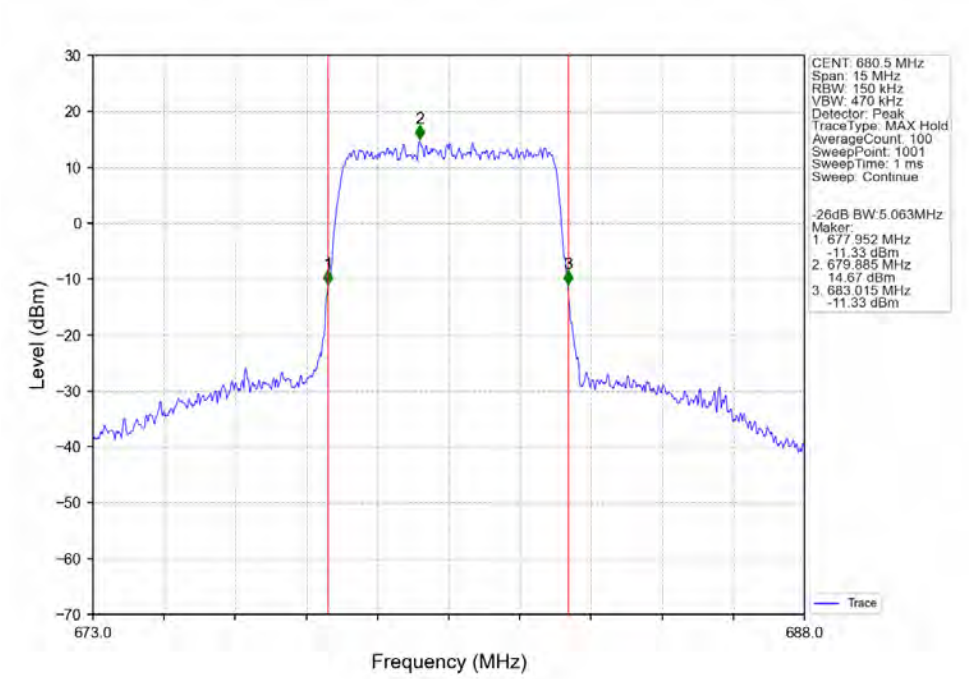
Band71_5MHz_64QAM_HCH_695.5MHz_RB_25_0_NTNV



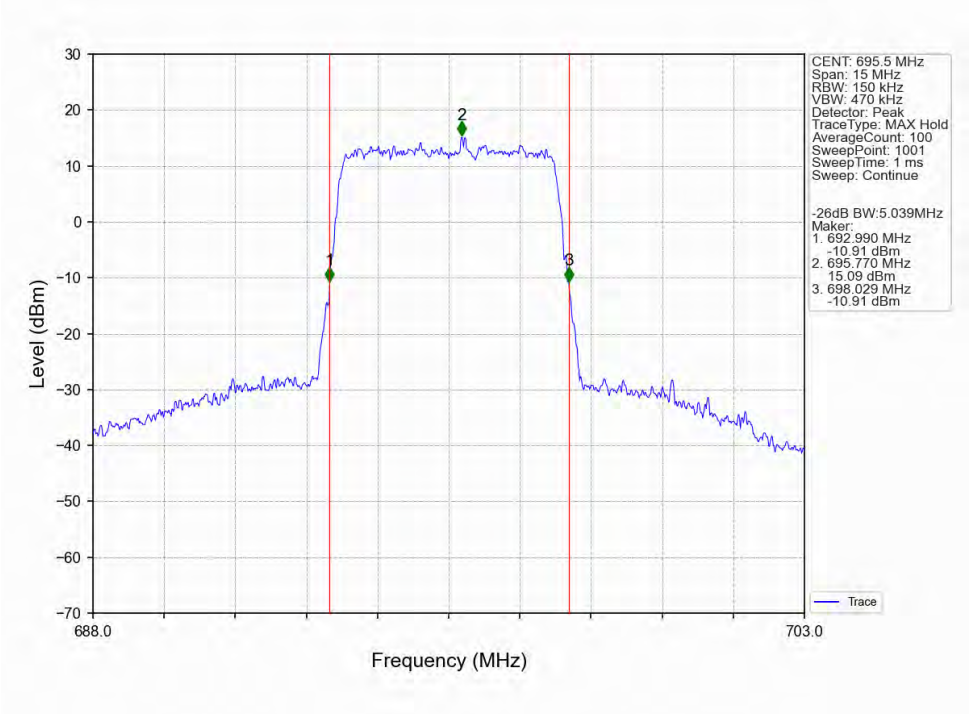
Band71_5MHz_256QAM_LCH_665.5MHz_RB_25_0_NTNV



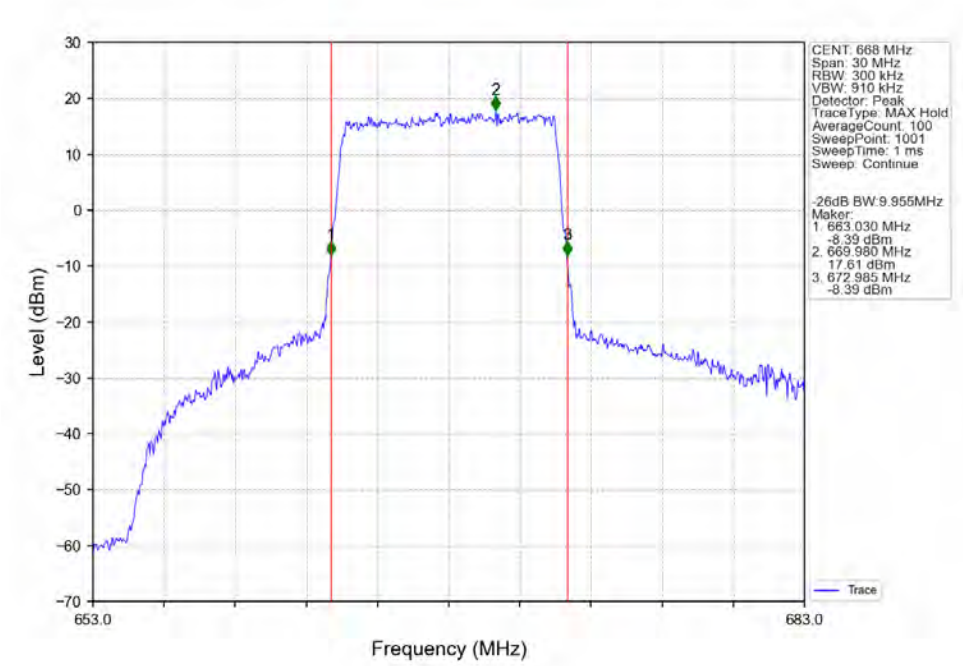
Band71_5MHz_256QAM_MCH_680.5MHz_RB_25_0_NTNV



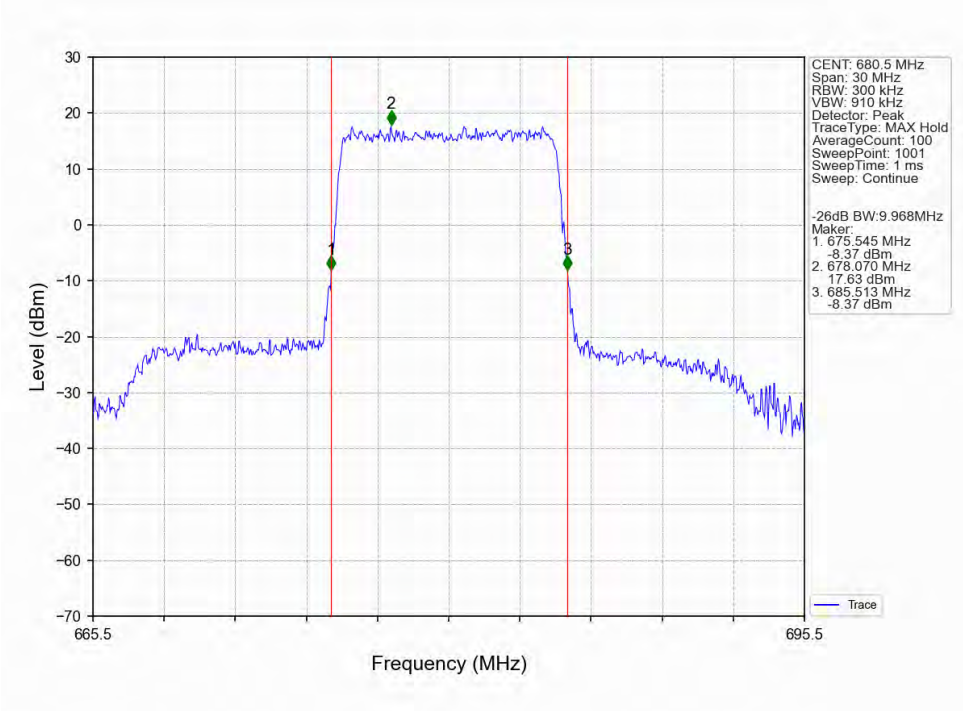
Band71_5MHz_256QAM_HCH_695.5MHz_RB_25_0_NTNV



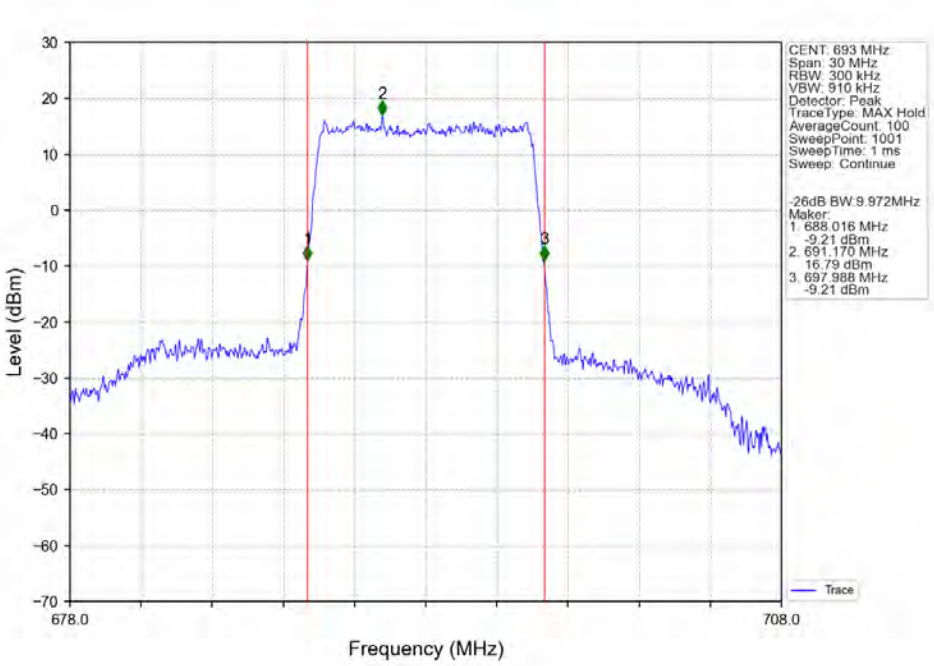
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



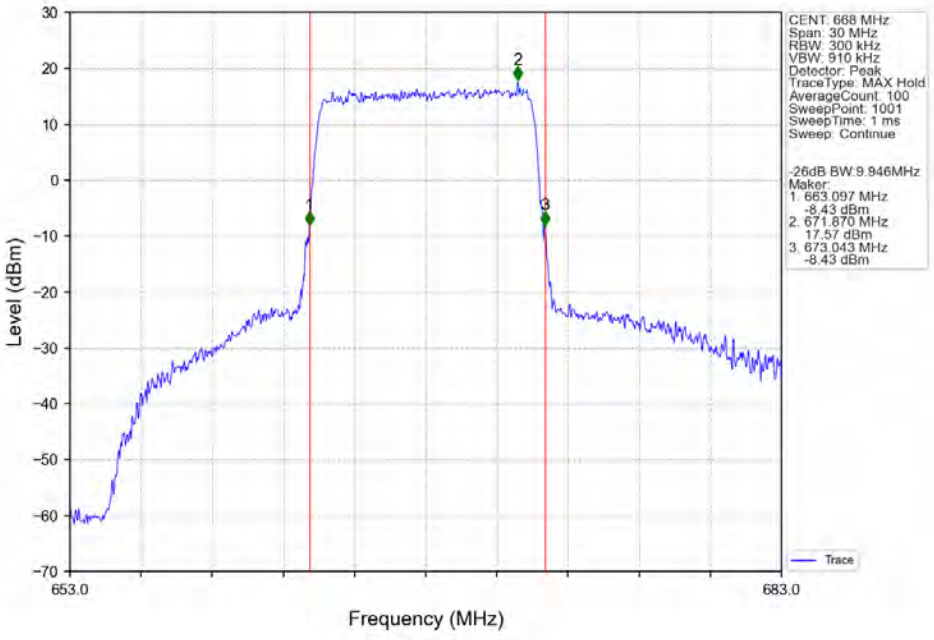
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



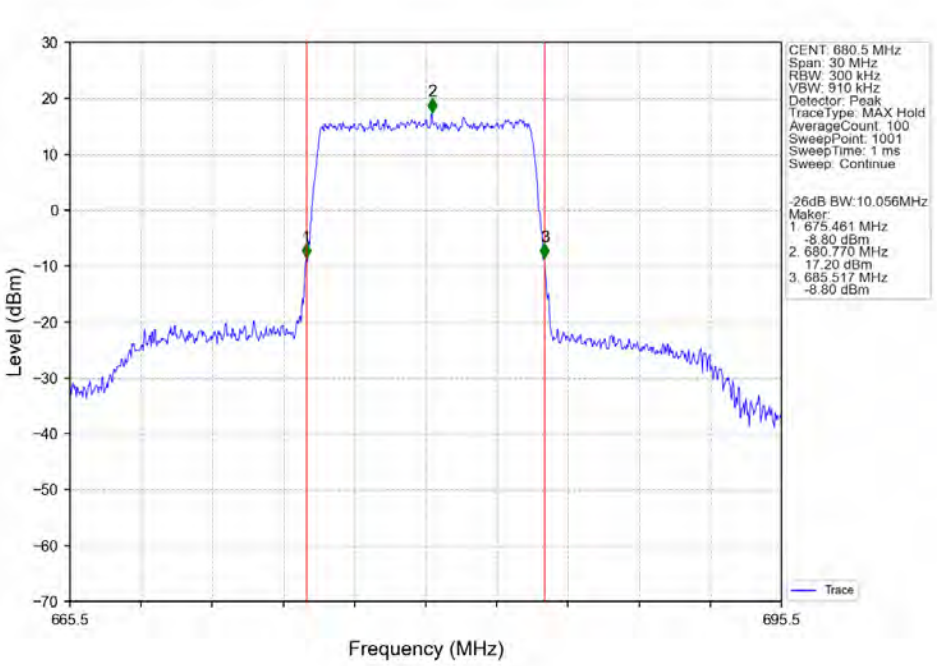
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



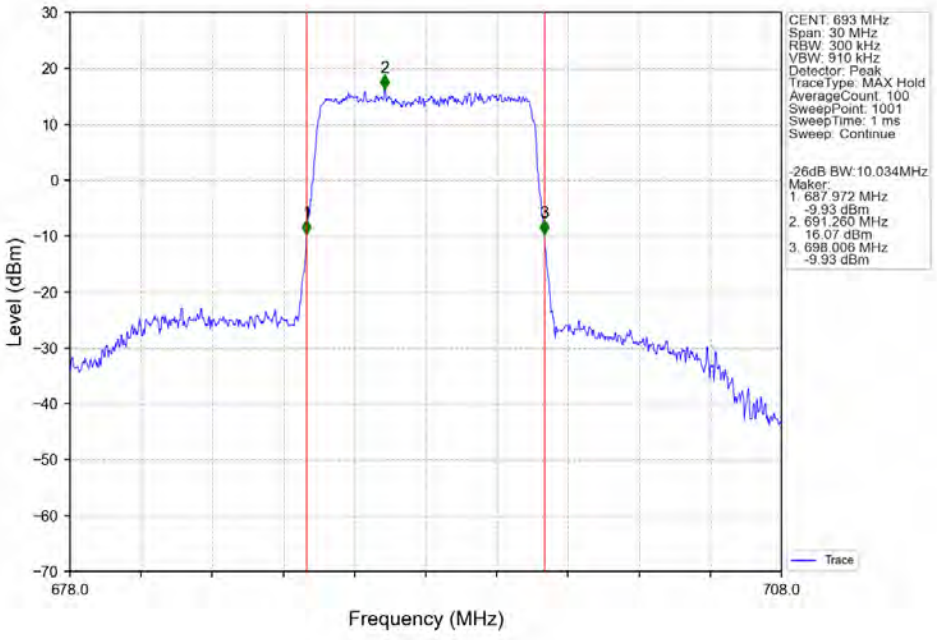
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



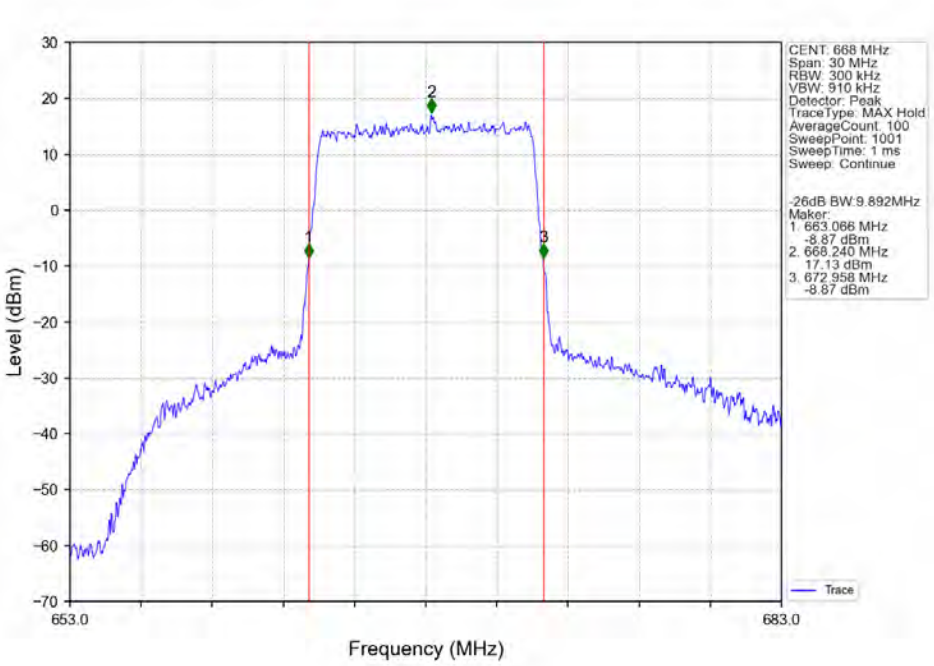
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



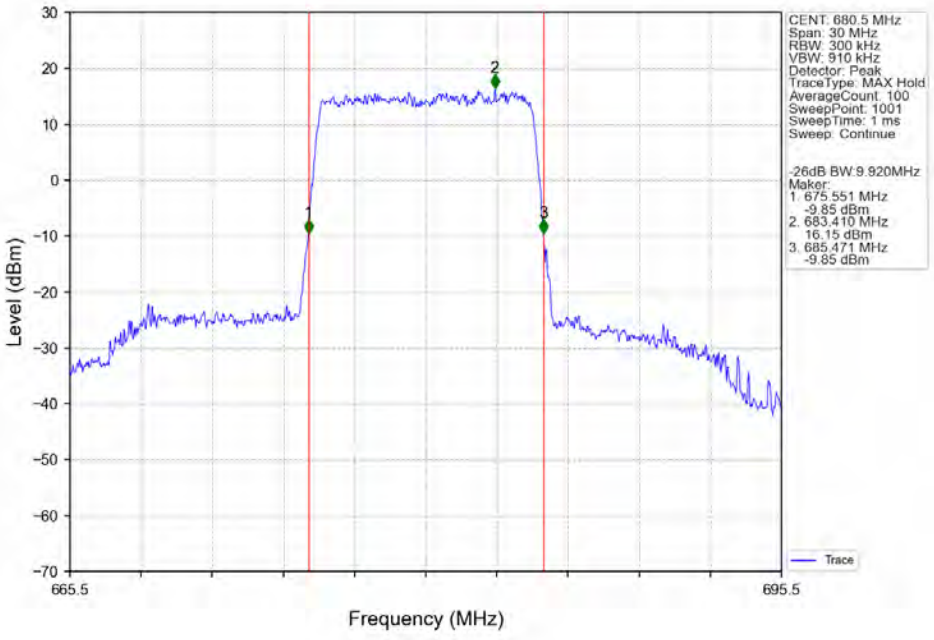
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



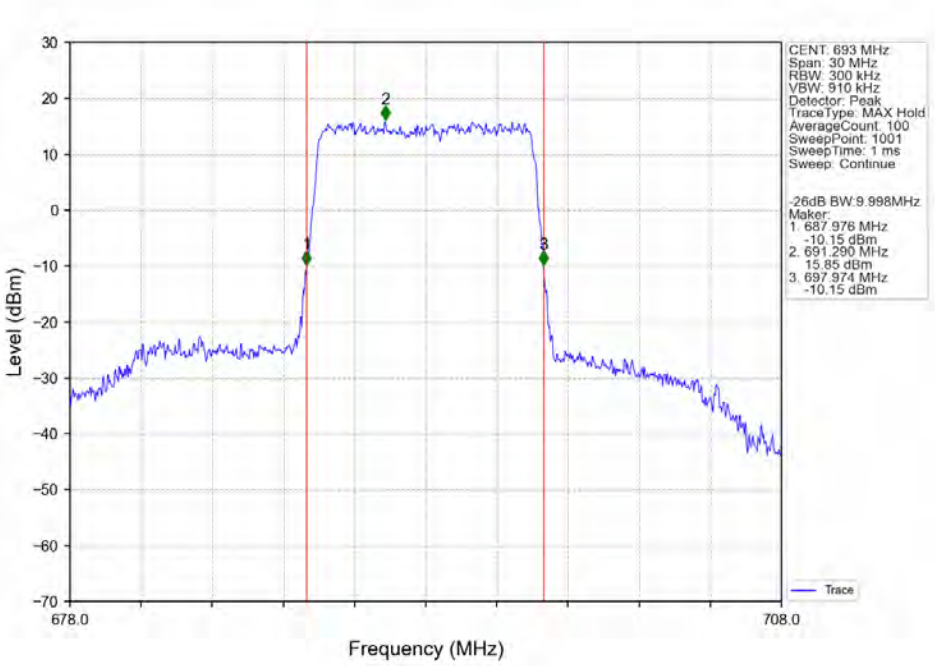
Band71_10MHz_64QAM_LCH_668MHz_RB_50_0_NTNV



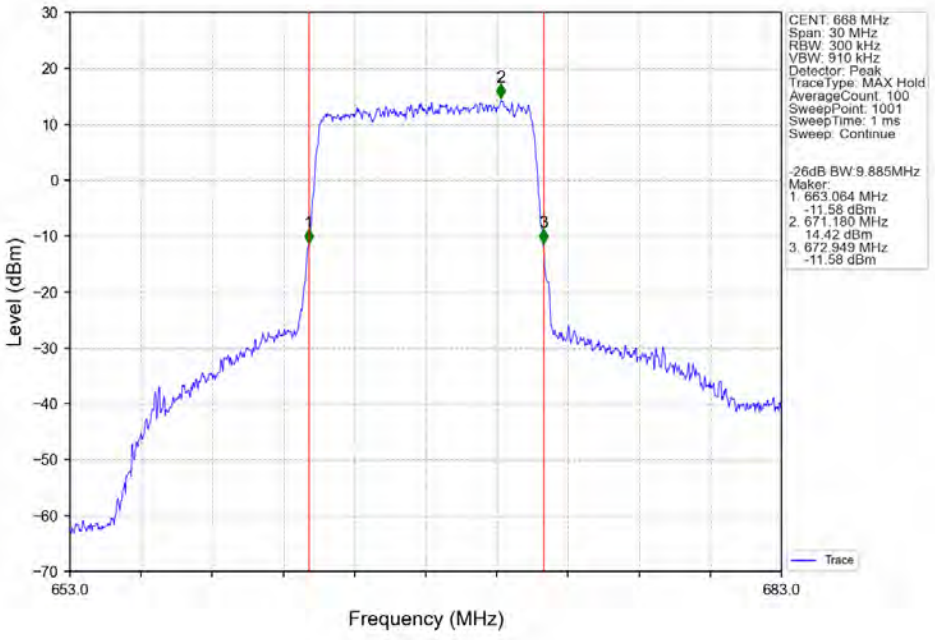
Band71_10MHz_64QAM_MCH_680.5MHz_RB_50_0_NTNV



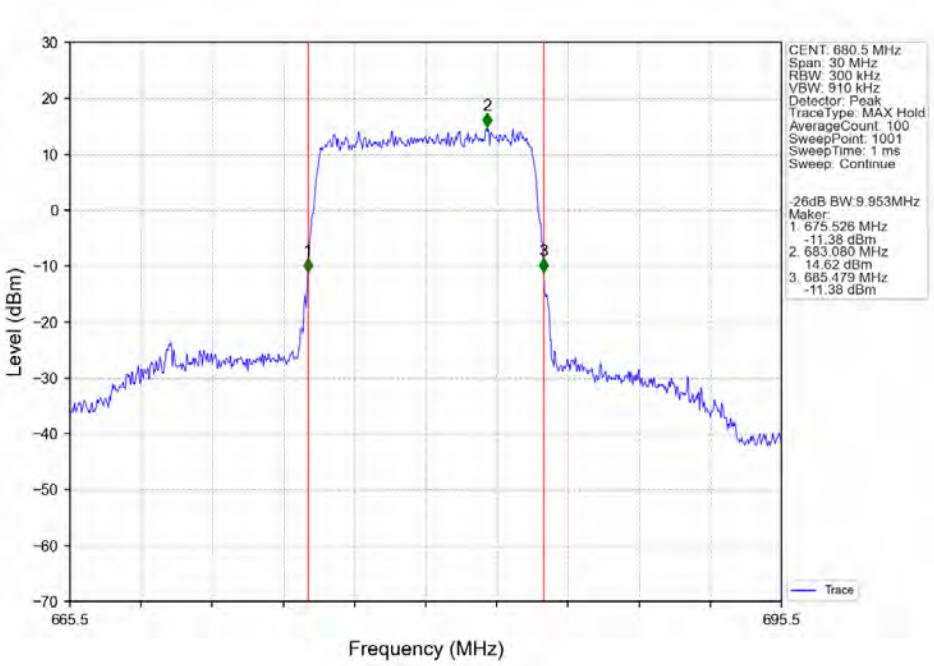
Band71_10MHz_64QAM_HCH_693MHz_RB_50_0_NTNV



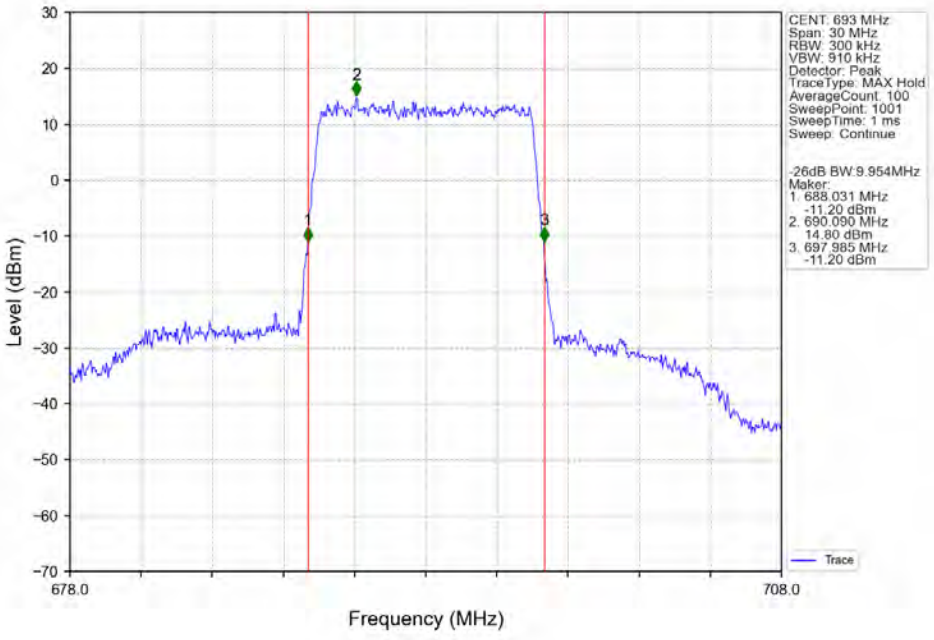
Band71_10MHz_256QAM_LCH_668MHz_RB_50_0_NTNV



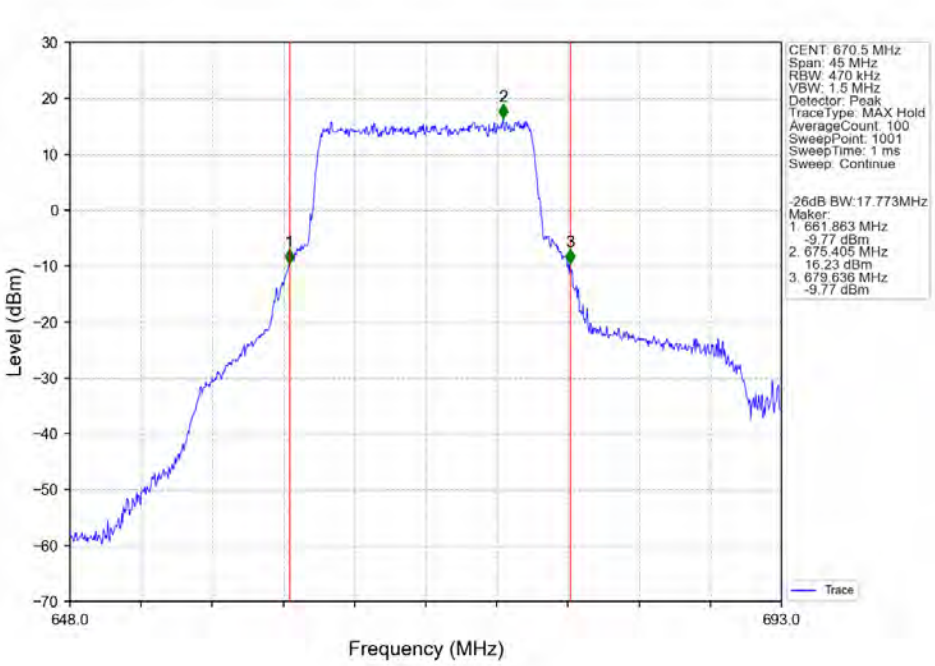
Band71_10MHz_256QAM_MCH_680.5MHz_RB_50_0_NTNV



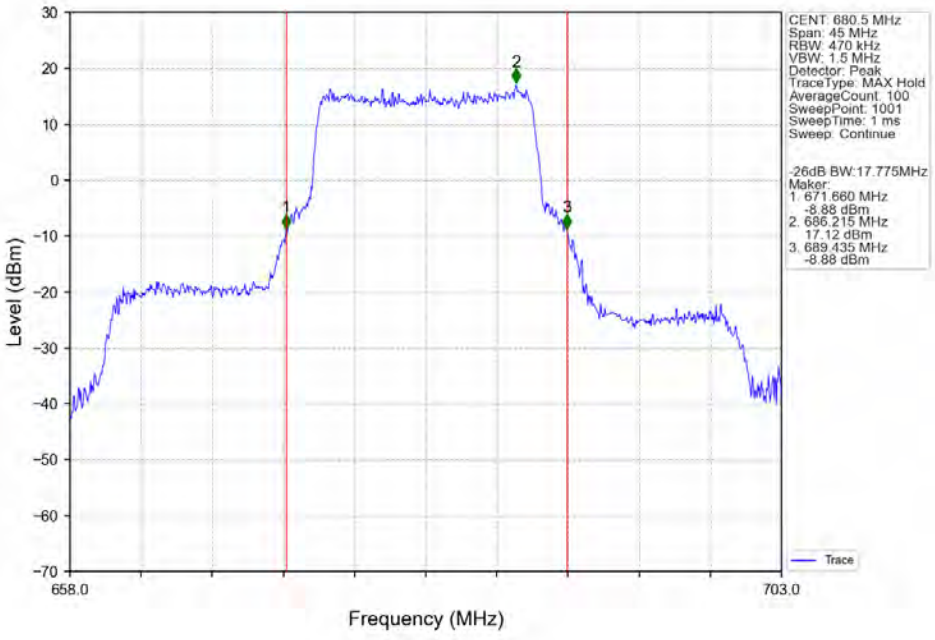
Band71_10MHz_256QAM_HCH_693MHz_RB_50_0_NTNV



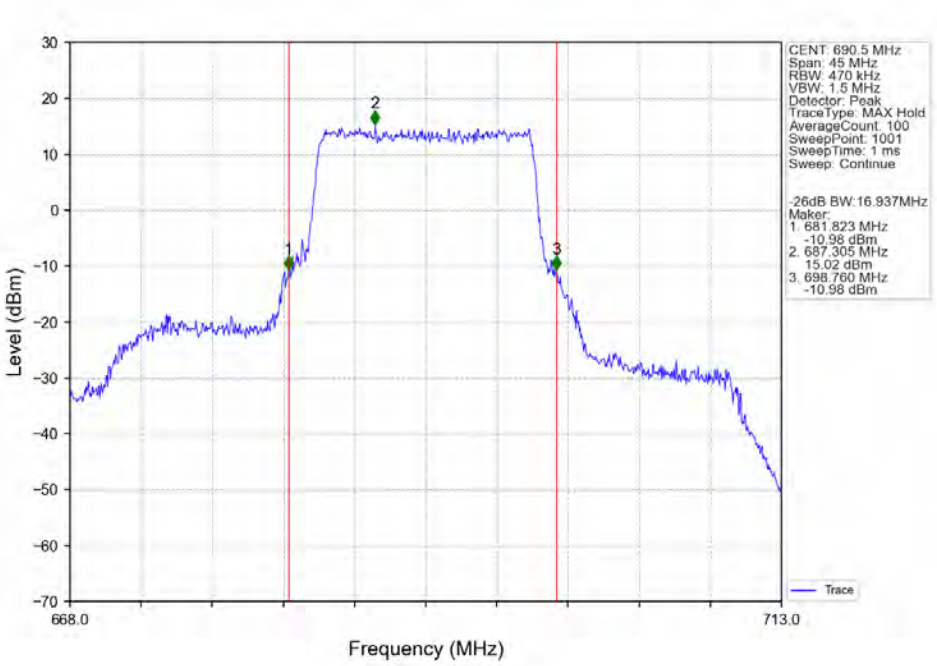
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



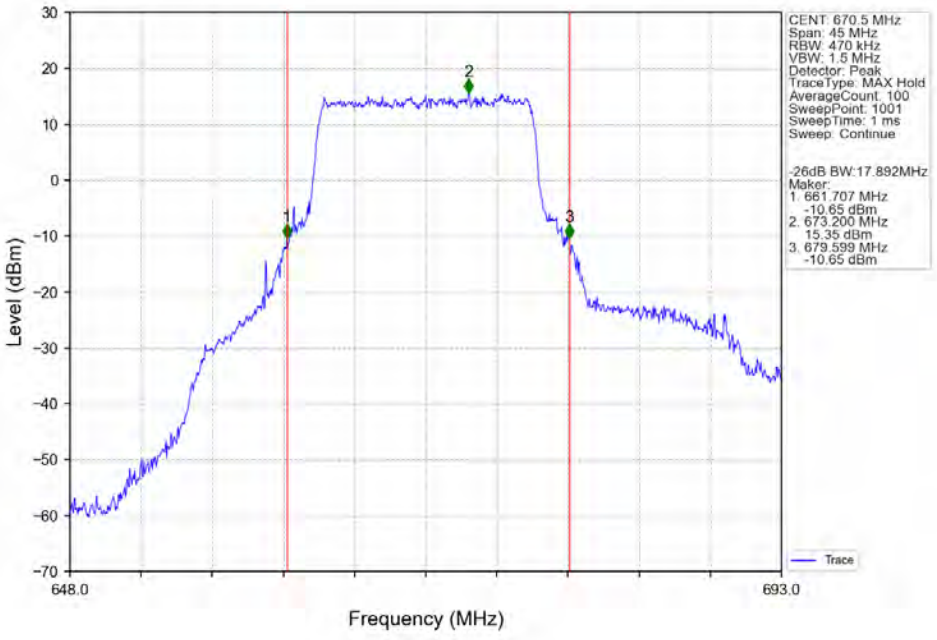
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



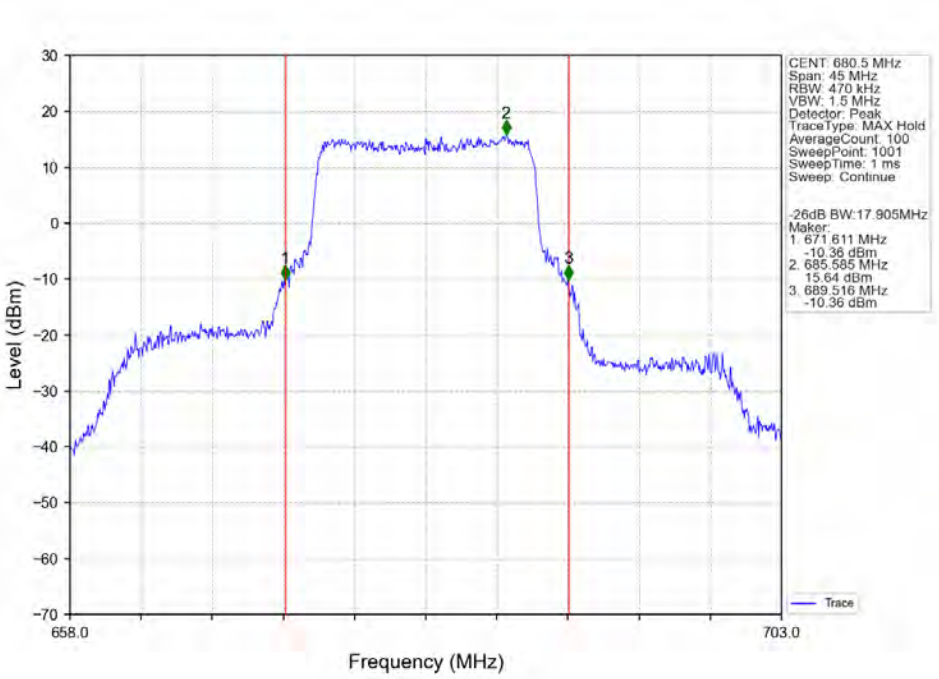
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



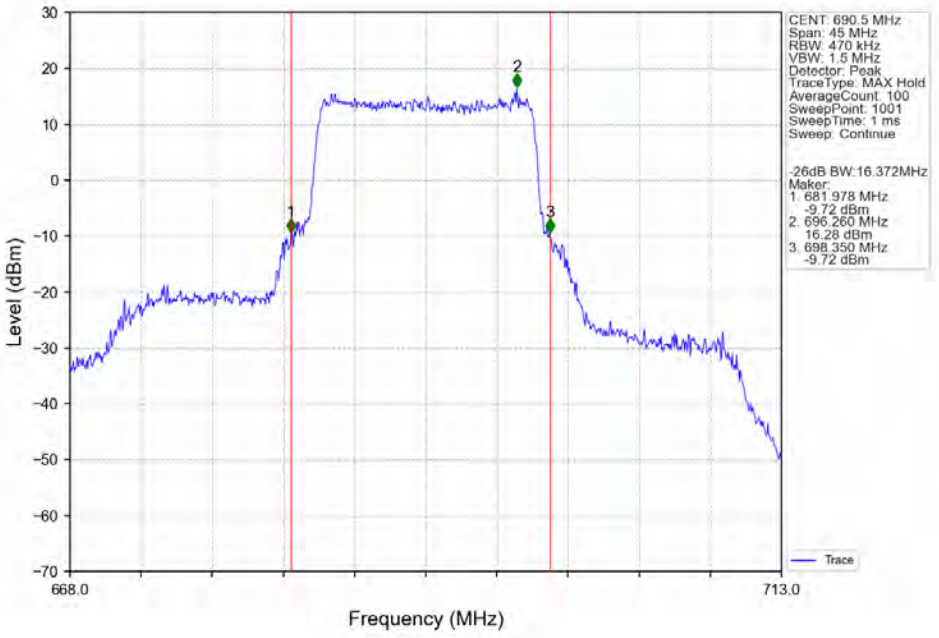
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



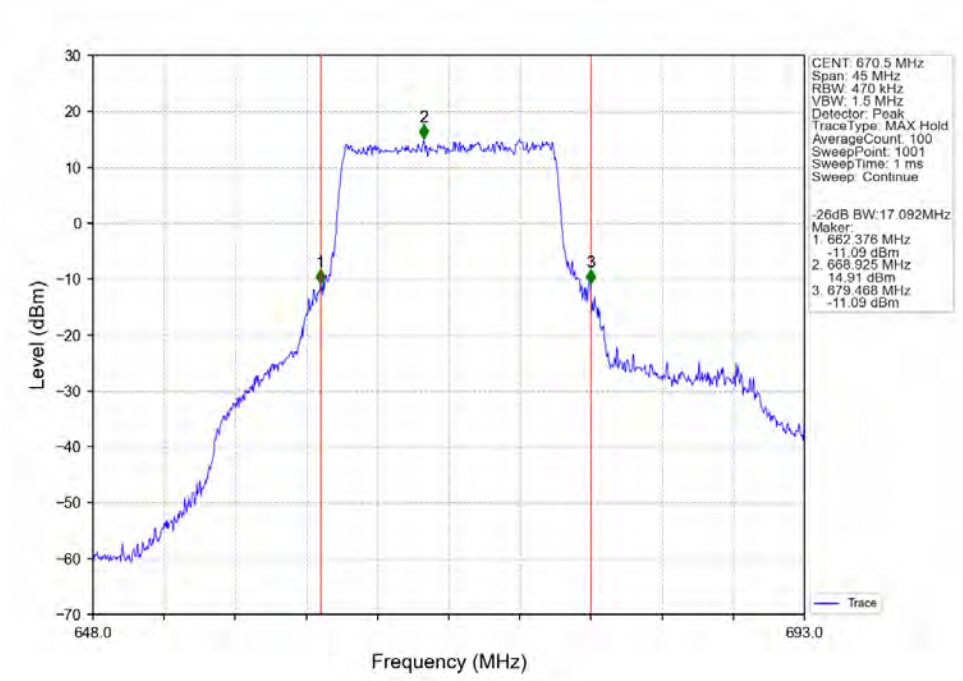
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



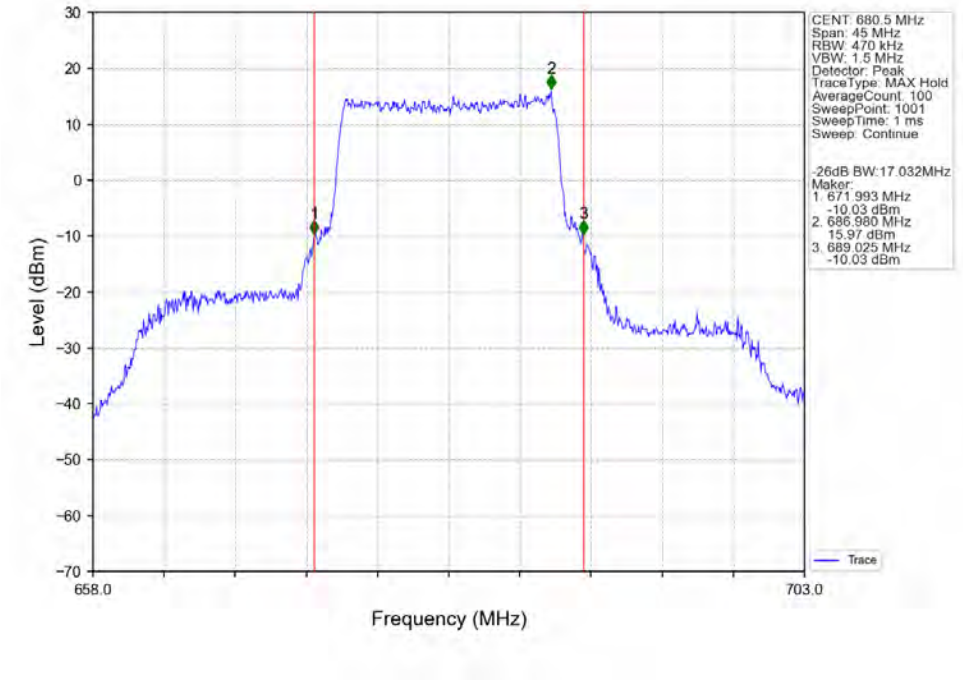
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



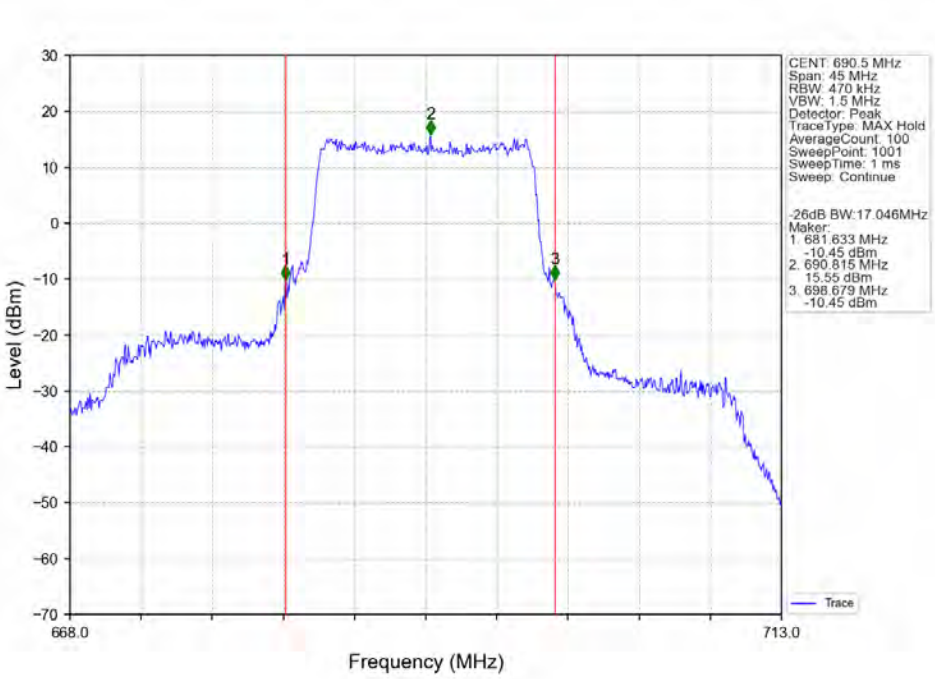
Band71_15MHz_64QAM_LCH_670.5MHz_RB_75_0_NTNV



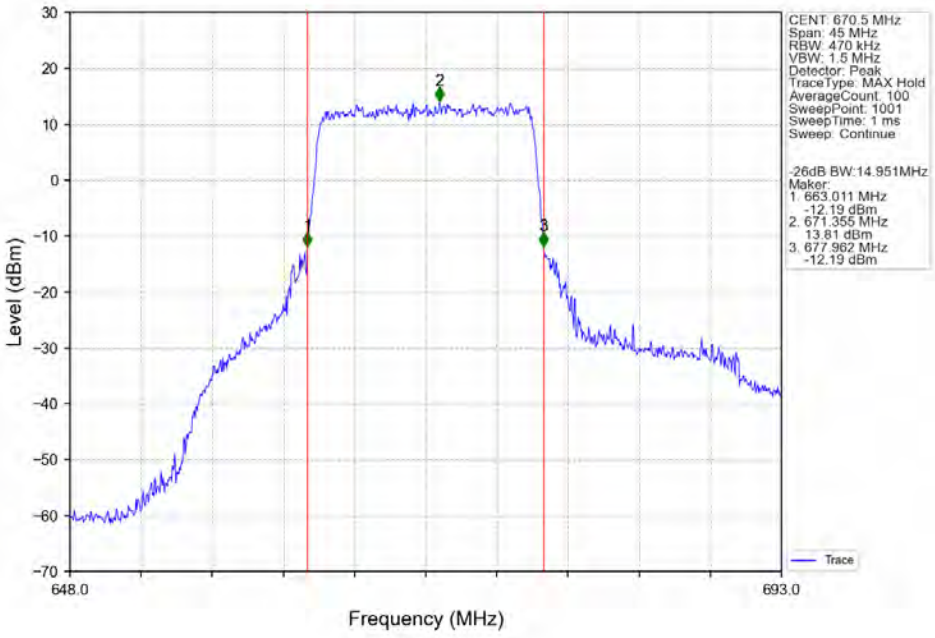
Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV



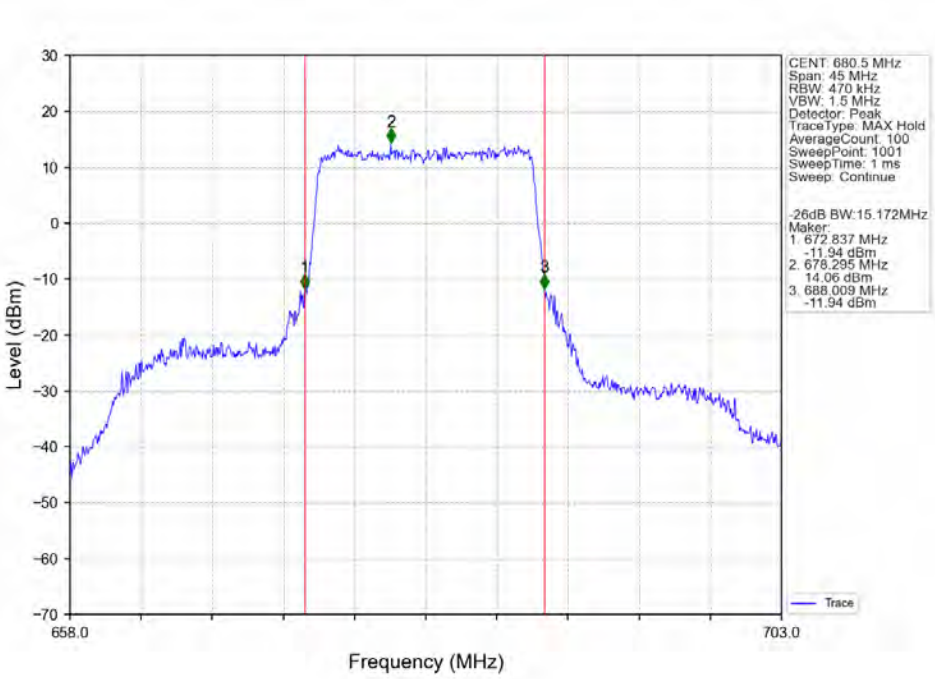
Band71_15MHz_64QAM_HCH_690.5MHz_RB_75_0_NTNV



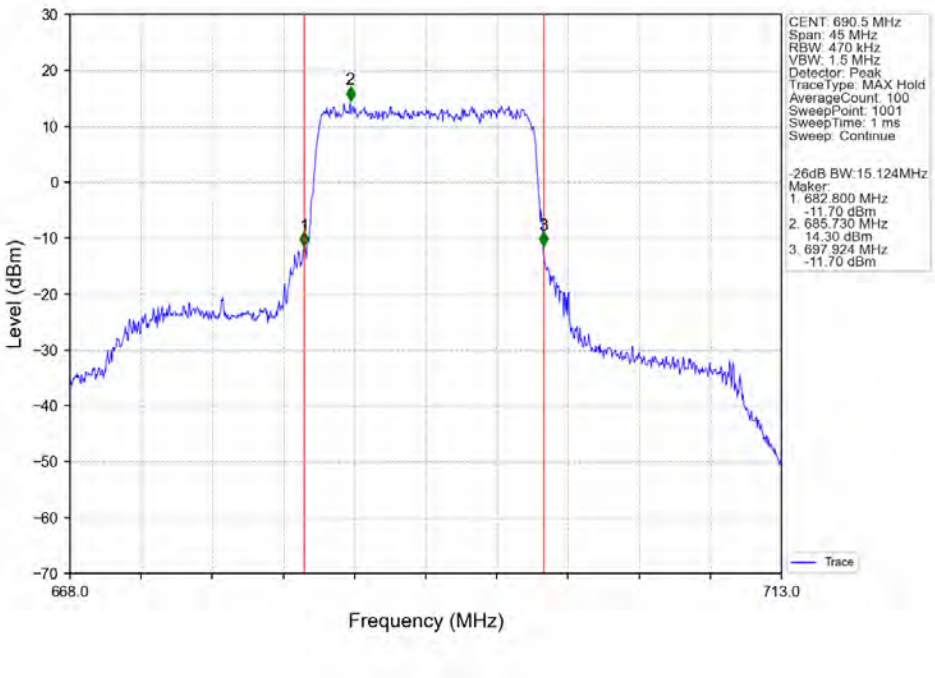
Band71_15MHz_256QAM_LCH_670.5MHz_RB_75_0_NTNV



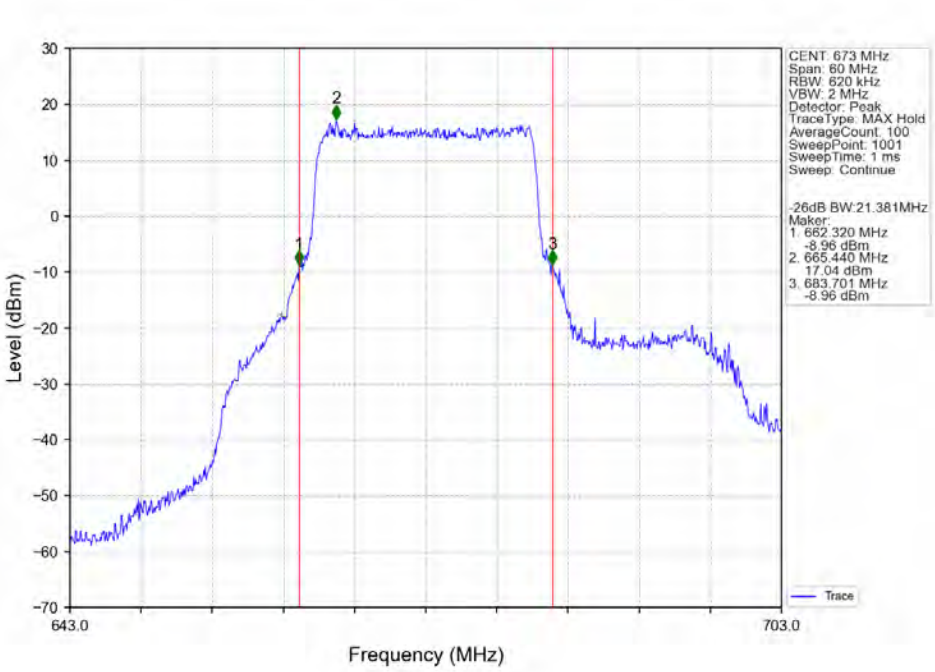
Band71_15MHz_256QAM_MCH_680.5MHz_RB_75_0_NTNV



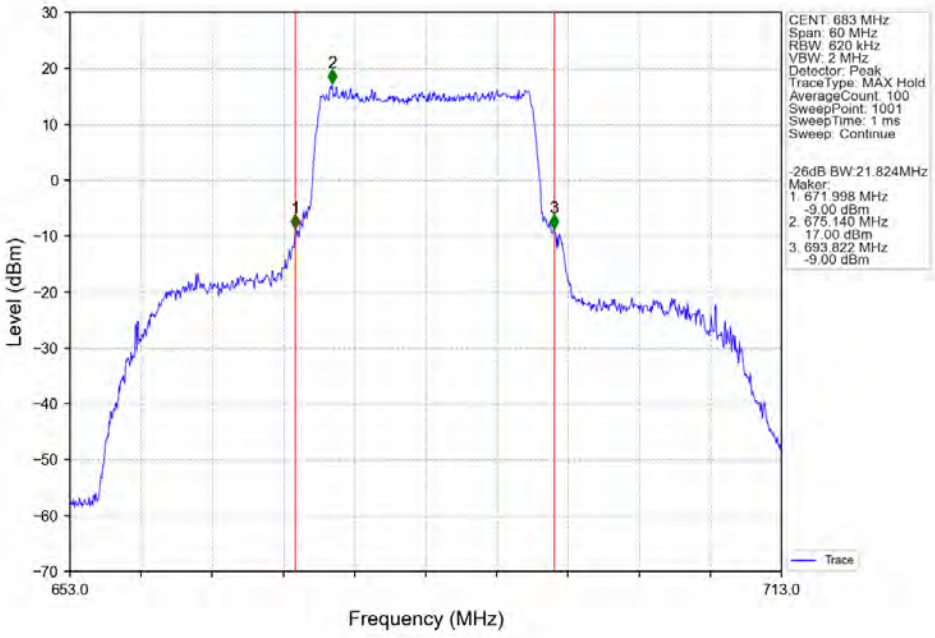
Band71_15MHz_256QAM_HCH_690.5MHz_RB_75_0_NTNV



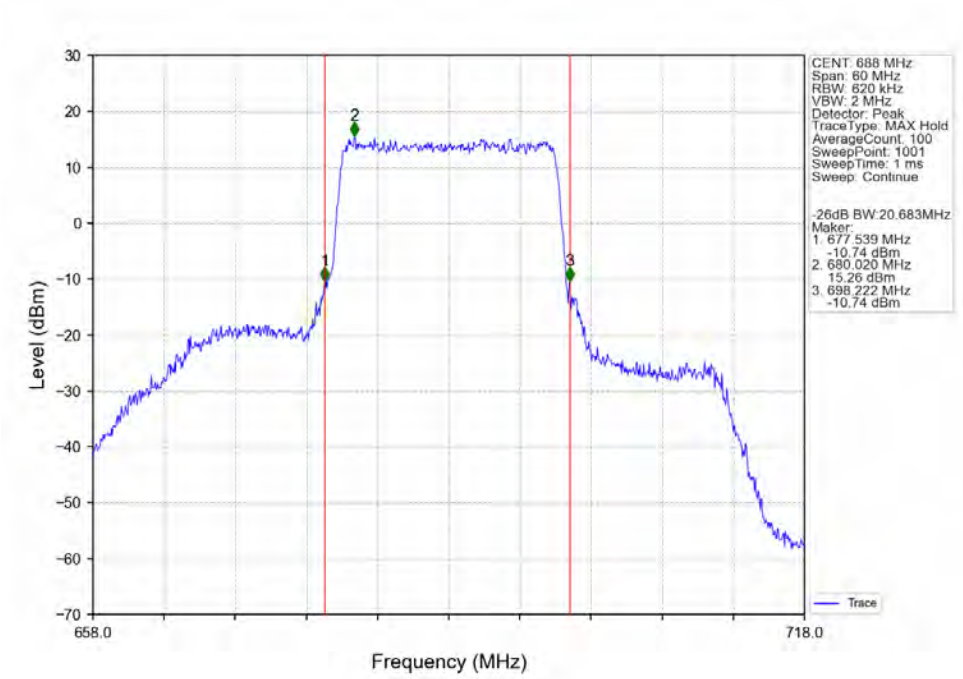
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



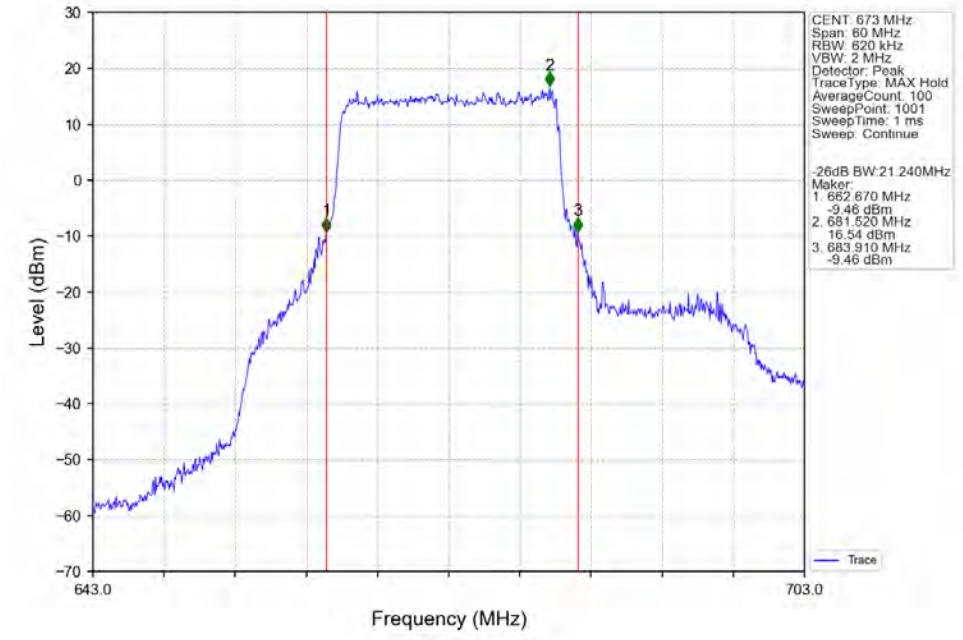
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



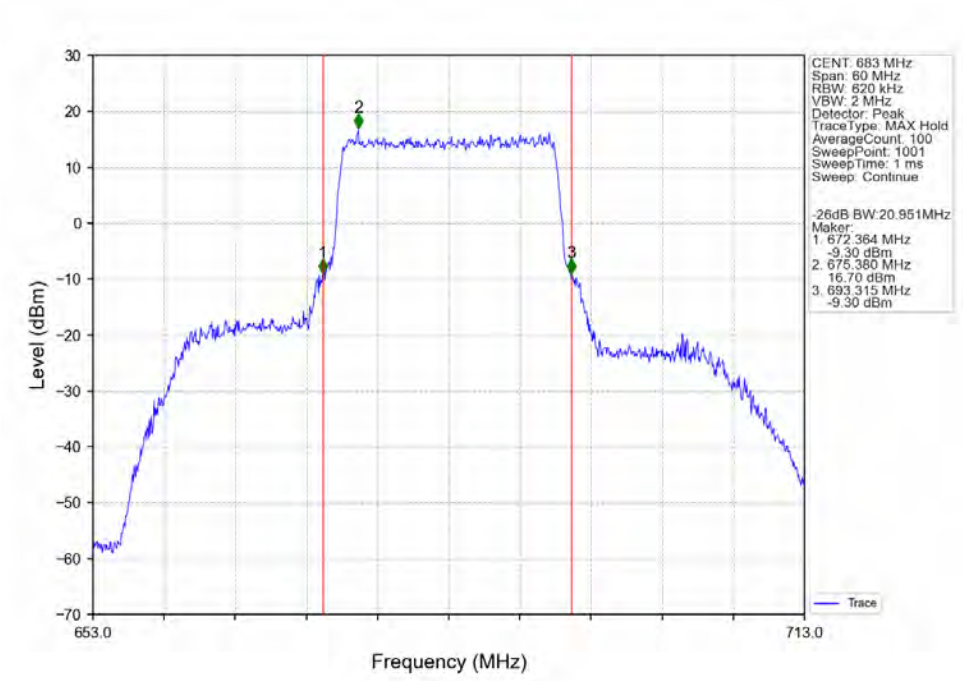
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



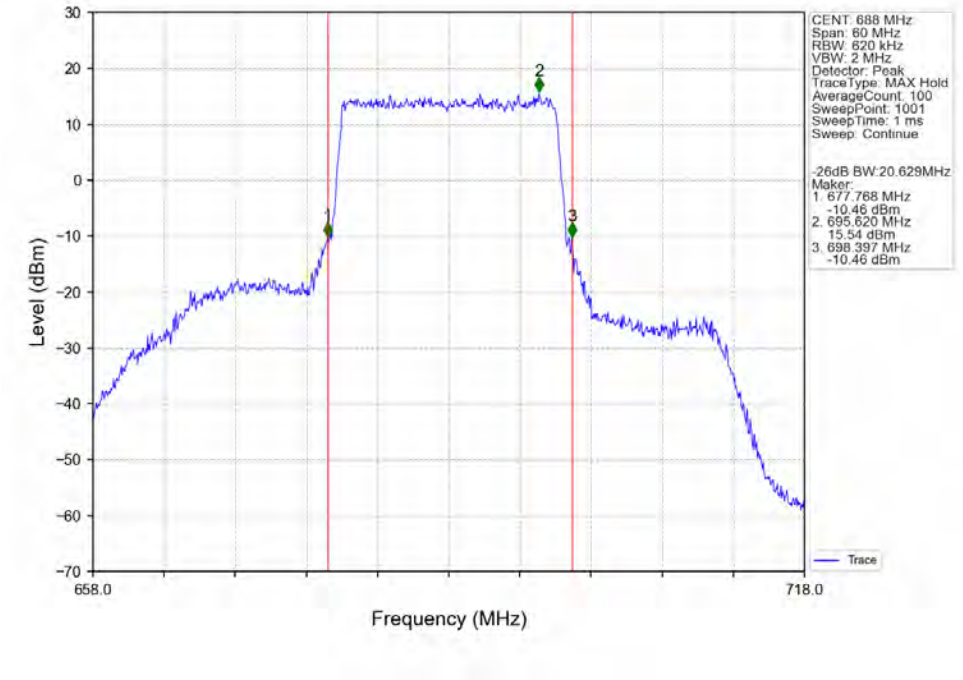
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



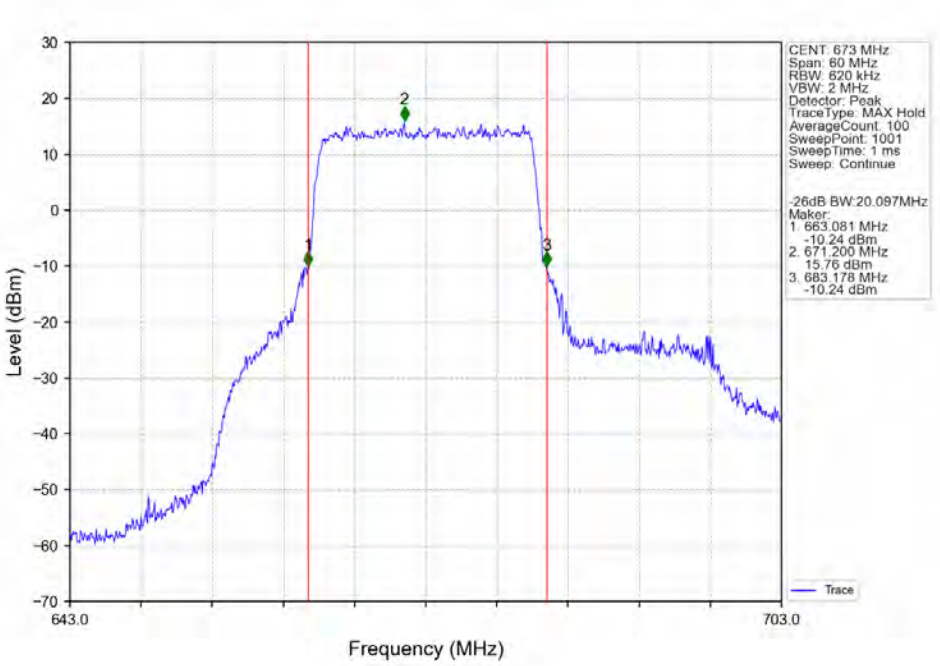
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



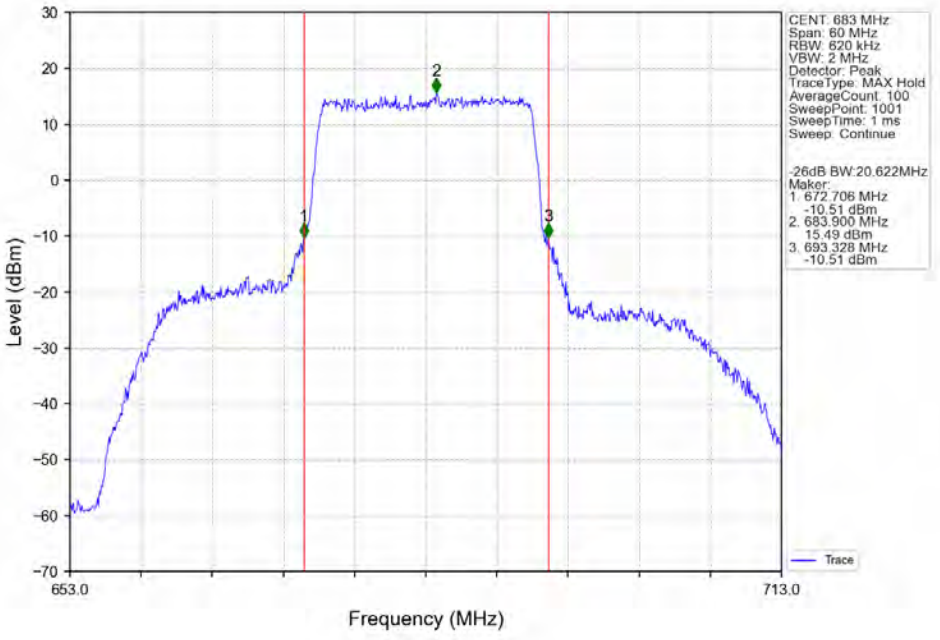
Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



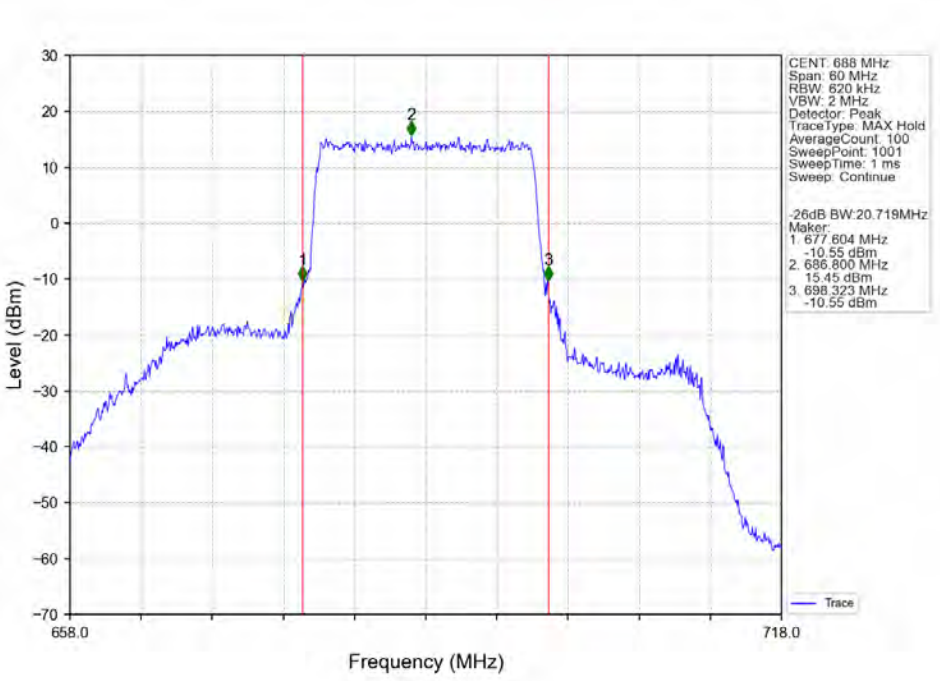
Band71_20MHz_64QAM_LCH_673MHz_RB_100_0_NTNV



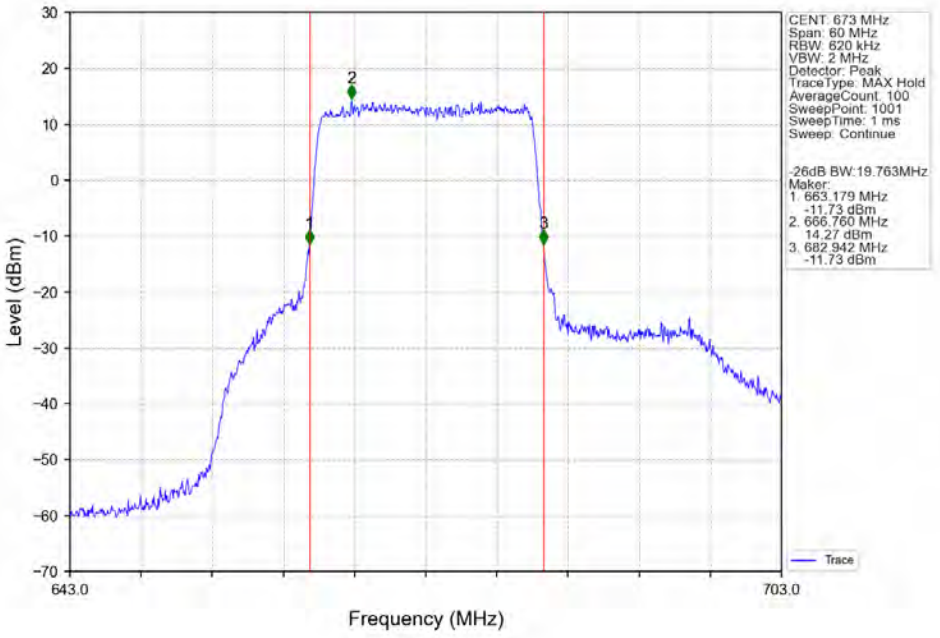
Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV



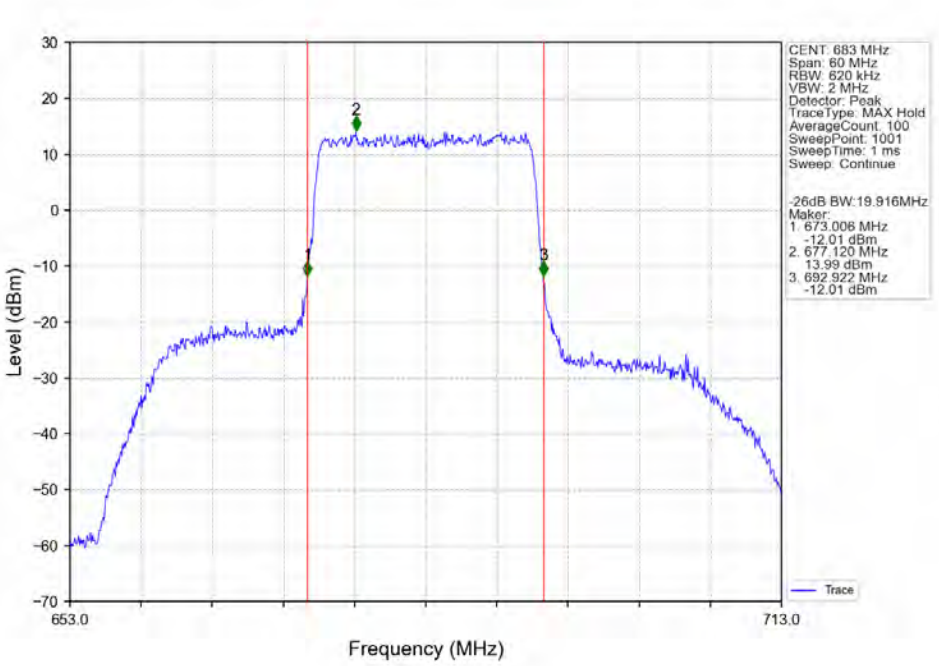
Band71_20MHz_64QAM_HCH_688MHz_RB_100_0_NTNV



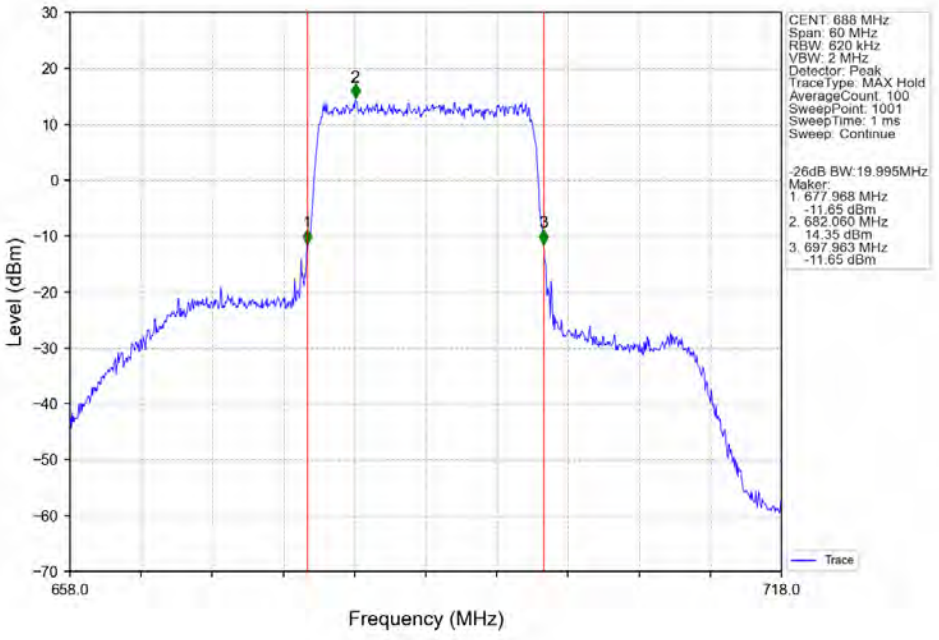
Band71_20MHz_256QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_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	3.04	<=13	Pass
	680.5	25	0	3.04	<=13	Pass
	695.5	25	0	3.73	<=13	Pass
16QAM	665.5	25	0	3.53	<=13	Pass
	680.5	25	0	3.53	<=13	Pass
	695.5	25	0	3.73	<=13	Pass
64QAM	665.5	25	0	3.73	<=13	Pass
	680.5	25	0	3.72	<=13	Pass
	695.5	25	0	3.74	<=13	Pass
256QAM	665.5	25	0	4.19	<=13	Pass
	680.5	25	0	4.20	<=13	Pass
	695.5	25	0	4.25	<=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	3.84	<=13	Pass
	680.5	50	0	3.85	<=13	Pass
	693	50	0	4.30	<=13	Pass
16QAM	668	50	0	4.15	<=13	Pass
	680.5	50	0	4.18	<=13	Pass
	693	50	0	4.30	<=13	Pass
64QAM	668	50	0	4.26	<=13	Pass
	680.5	50	0	4.31	<=13	Pass
	693	50	0	4.30	<=13	Pass
256QAM	668	50	0	4.58	<=13	Pass
	680.5	50	0	4.66	<=13	Pass
	693	50	0	4.64	<=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	3.88	<=13	Pass
	680.5	75	0	3.99	<=13	Pass
	690.5	75	0	4.44	<=13	Pass
16QAM	670.5	75	0	4.24	<=13	Pass
	680.5	75	0	4.36	<=13	Pass
	690.5	75	0	4.43	<=13	Pass
64QAM	670.5	75	0	4.35	<=13	Pass

	680.5	75	0	4.46	<=13	Pass
	690.5	75	0	4.44	<=13	Pass
256QAM	670.5	75	0	4.67	<=13	Pass
	680.5	75	0	4.76	<=13	Pass
	690.5	75	0	4.75	<=13	Pass

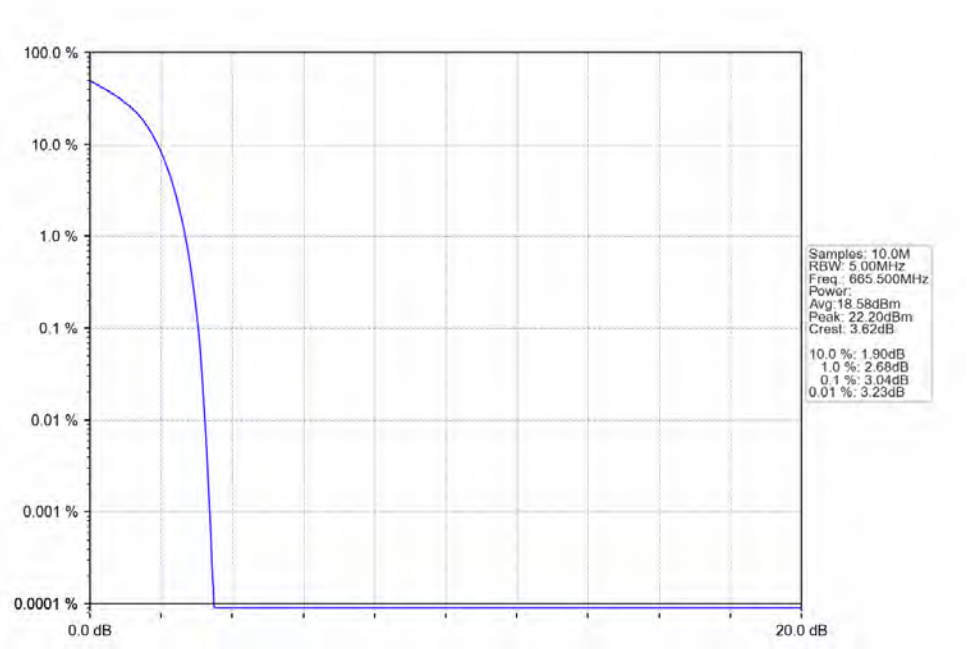
4.1.4 B71_20MHz

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	4.36	<=13	Pass
	683	100	0	4.40	<=13	Pass
	688	100	0	4.59	<=13	Pass
16QAM	673	100	0	4.55	<=13	Pass
	683	100	0	4.60	<=13	Pass
	688	100	0	4.59	<=13	Pass
64QAM	673	100	0	4.60	<=13	Pass
	683	100	0	4.61	<=13	Pass
	688	100	0	4.59	<=13	Pass
256QAM	673	100	0	4.74	<=13	Pass
	683	100	0	4.74	<=13	Pass
	688	100	0	4.74	<=13	Pass

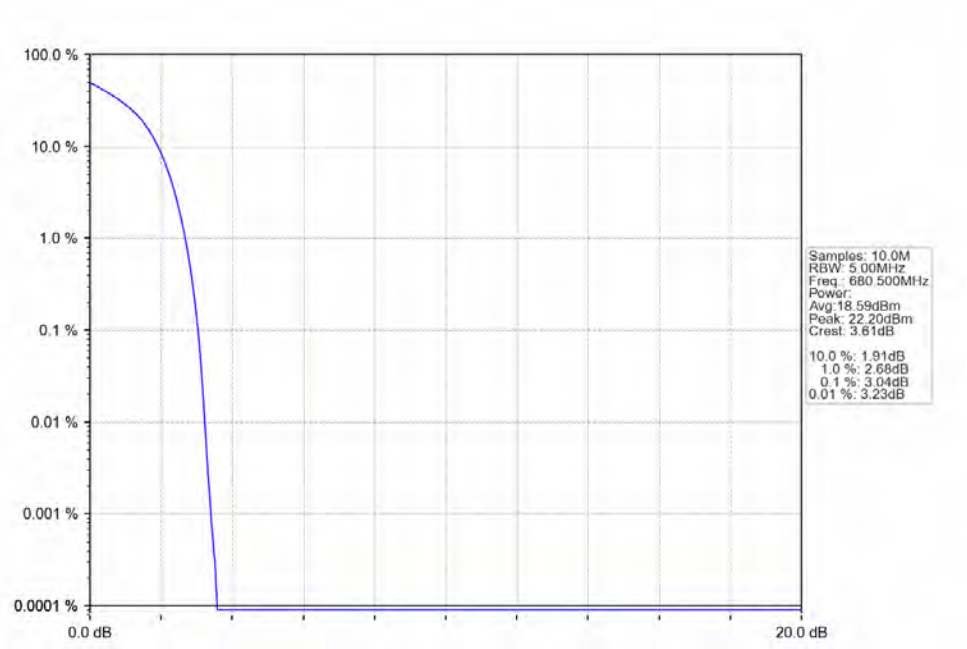
4.2 Test Graph

4.2.1 B71_5MHz

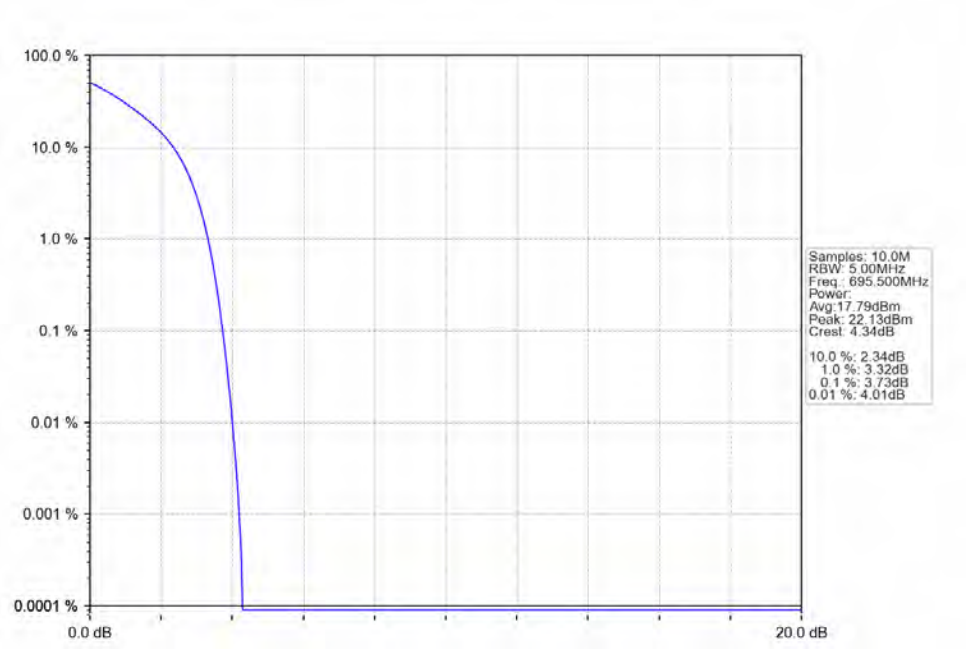
Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



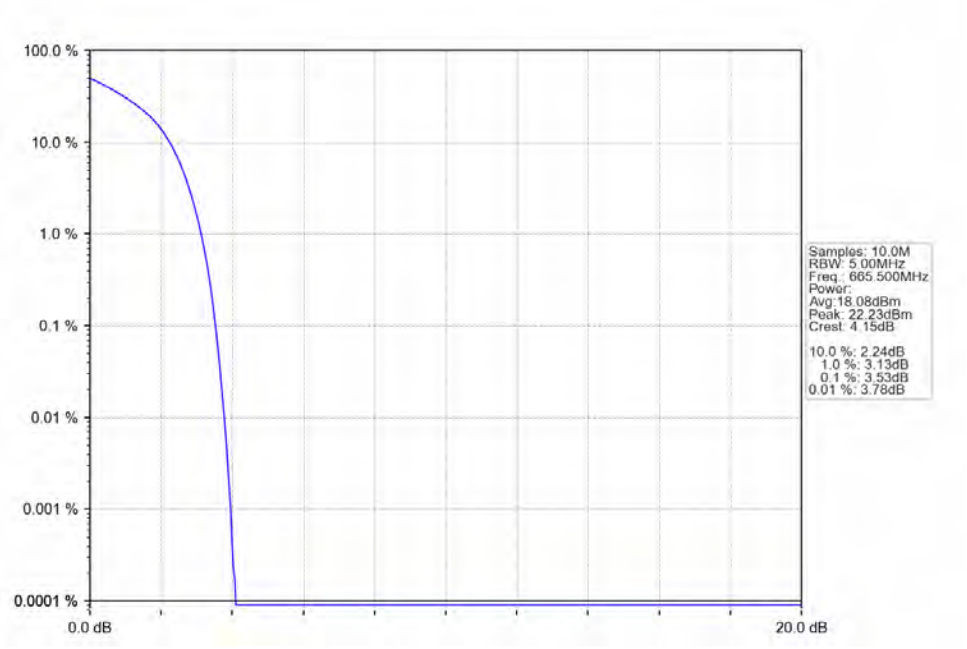
Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV



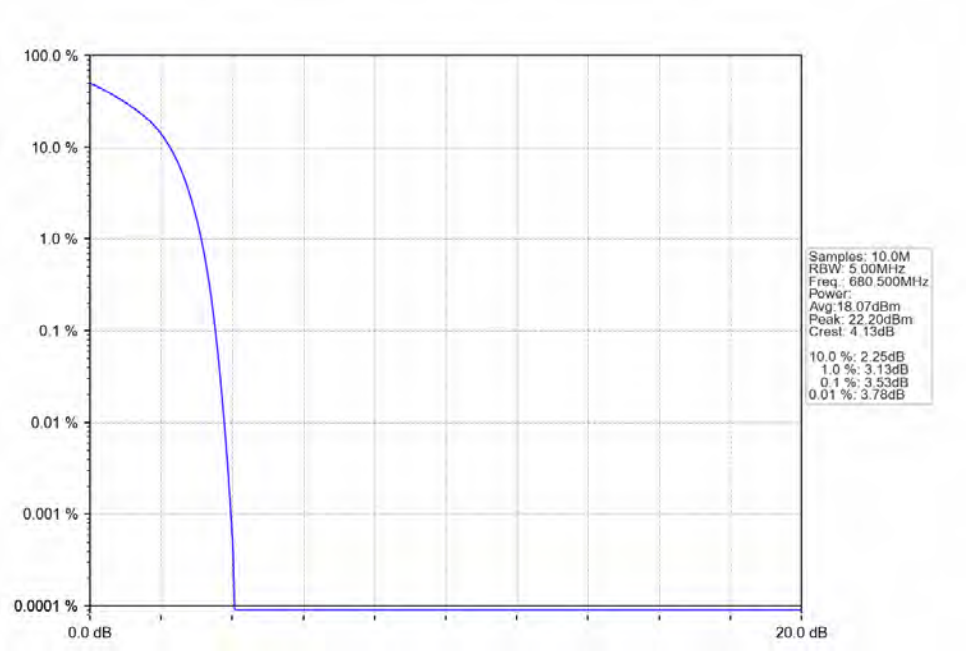
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



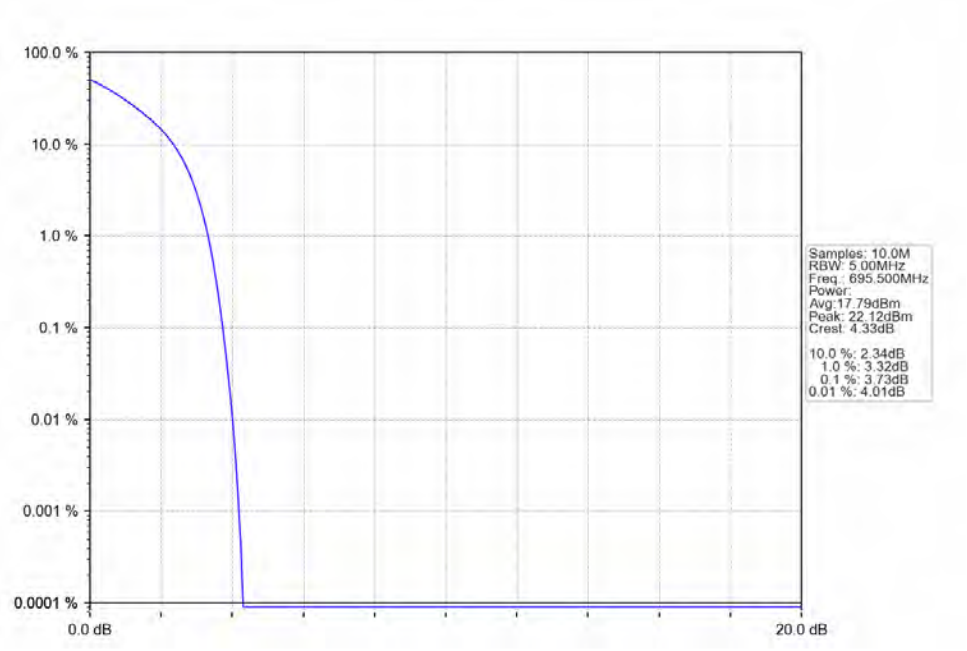
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



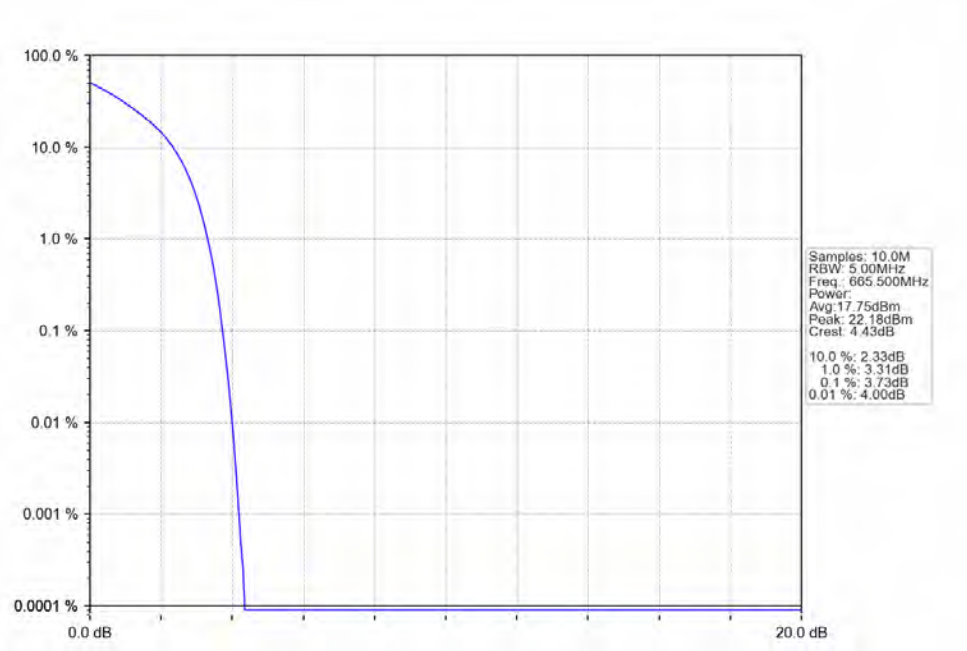
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



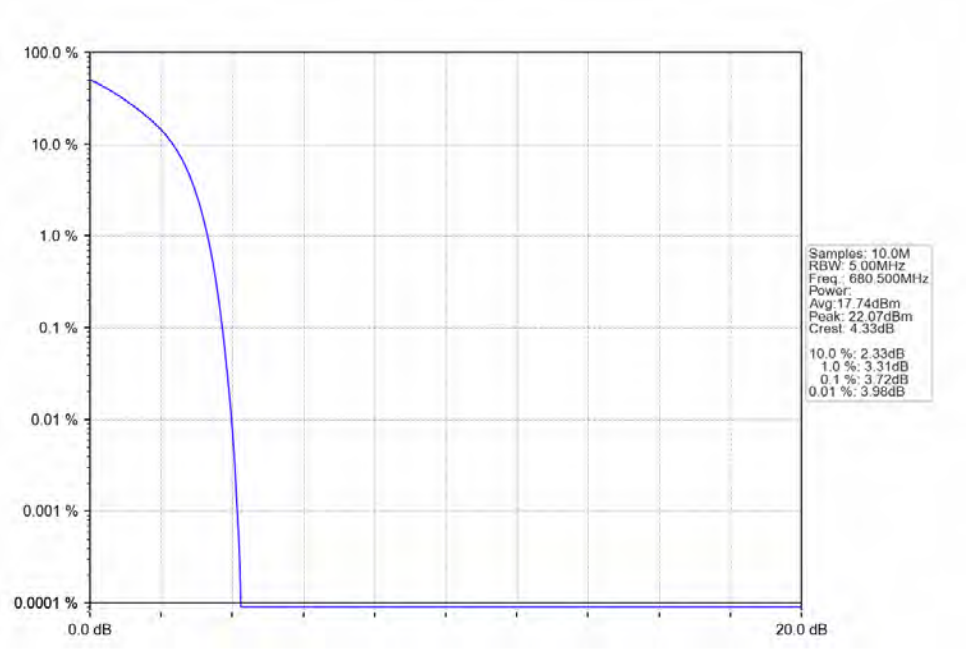
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



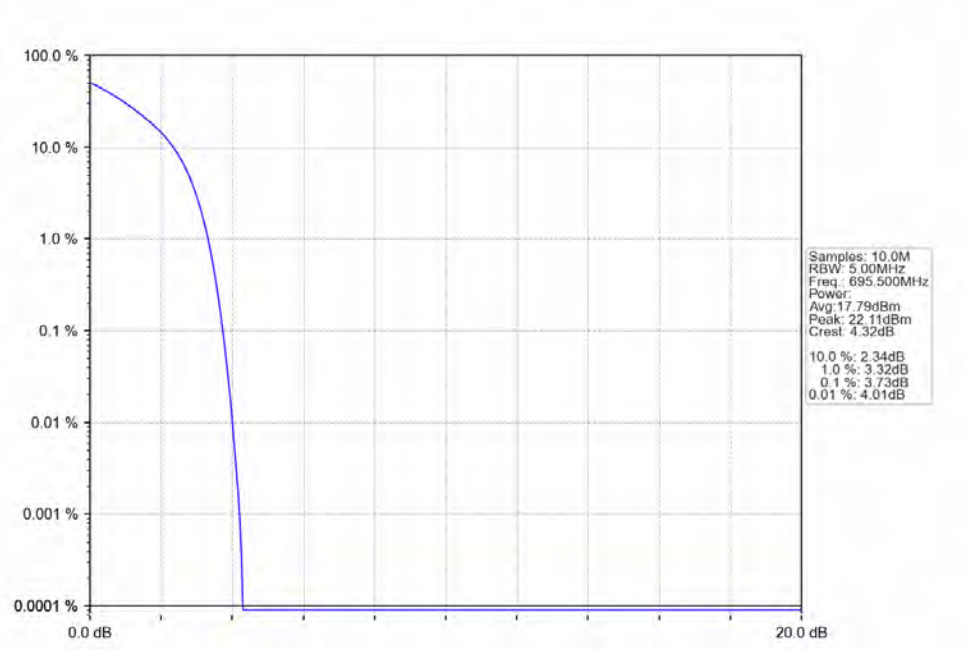
Band71_5MHz_64QAM_LCH_665.5MHz_RB_25_0_NTNV



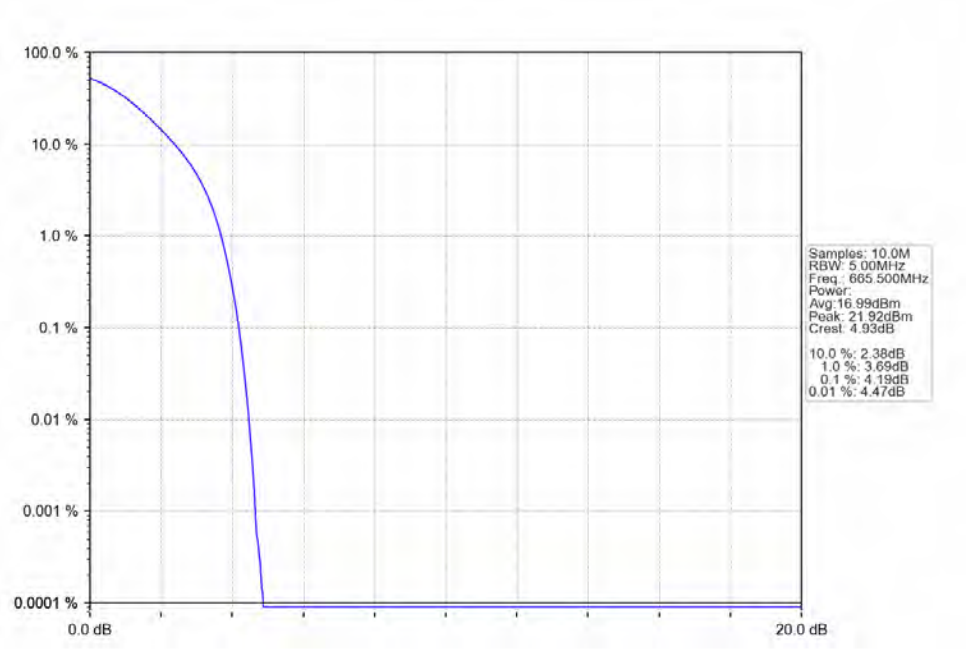
Band71_5MHz_64QAM_MCH_680.5MHz_RB_25_0_NTNV



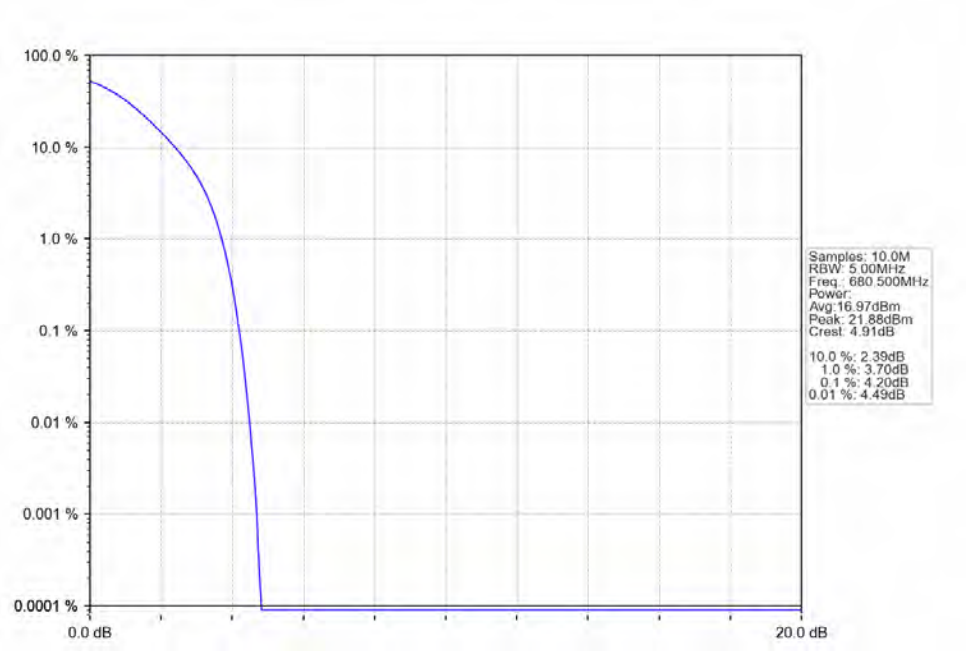
Band71_5MHz_64QAM_HCH_695.5MHz_RB_25_0_NTNV



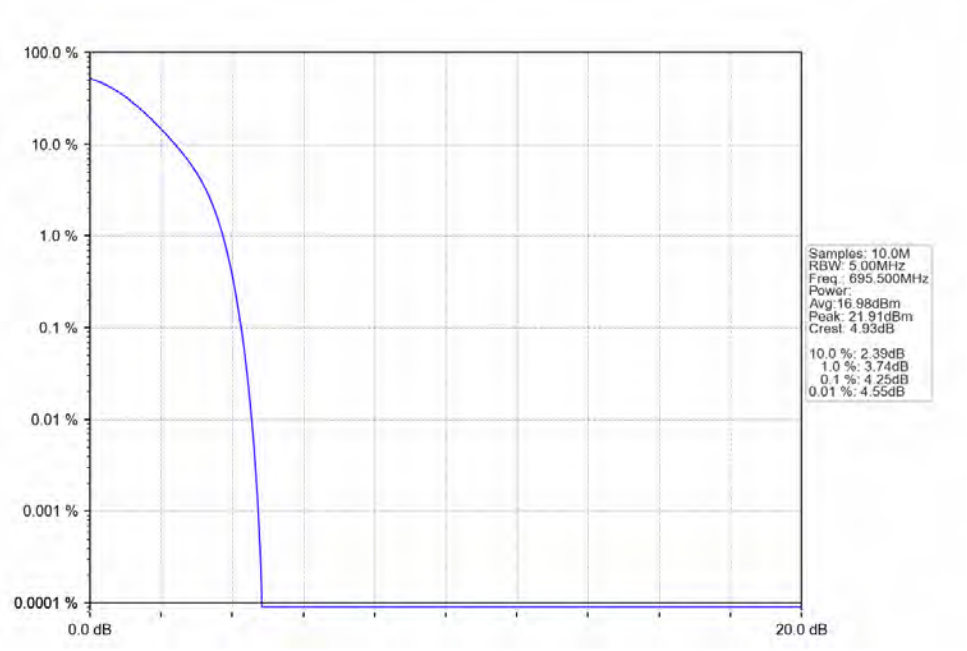
Band71_5MHz_256QAM_LCH_665.5MHz_RB_25_0_NTNV



Band71_5MHz_256QAM_MCH_680.5MHz_RB_25_0_NTNV

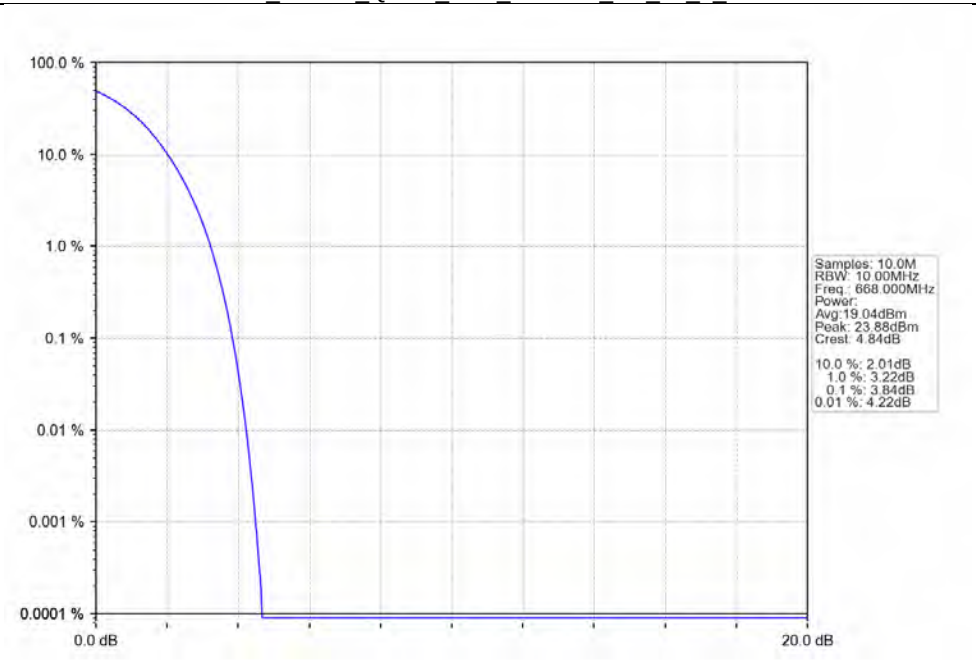


Band71_5MHz_256QAM_HCH_695.5MHz_RB_25_0_NTNV

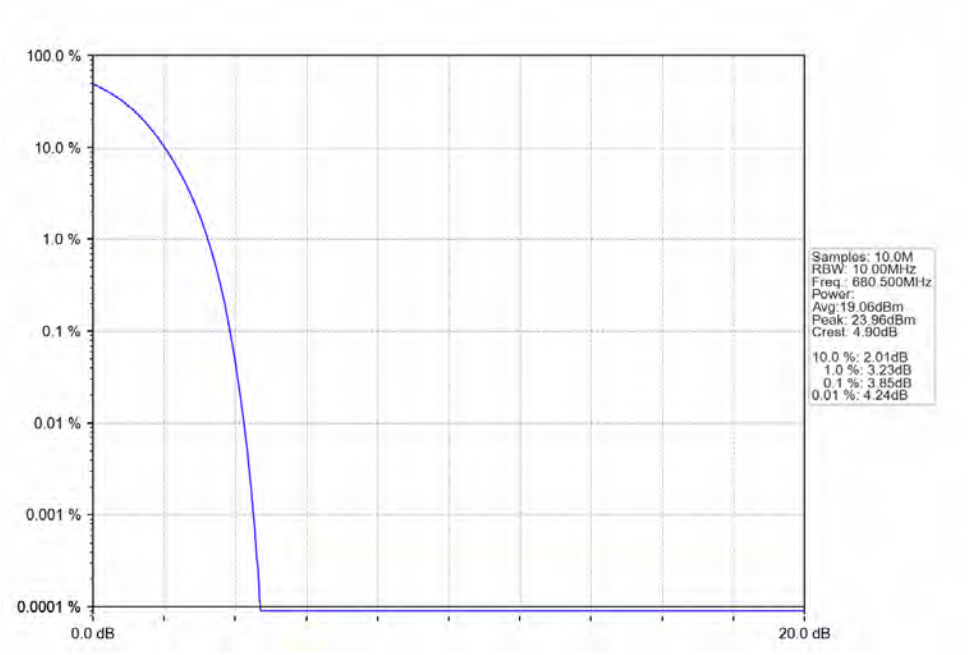


4.2.2 B71_10MHz

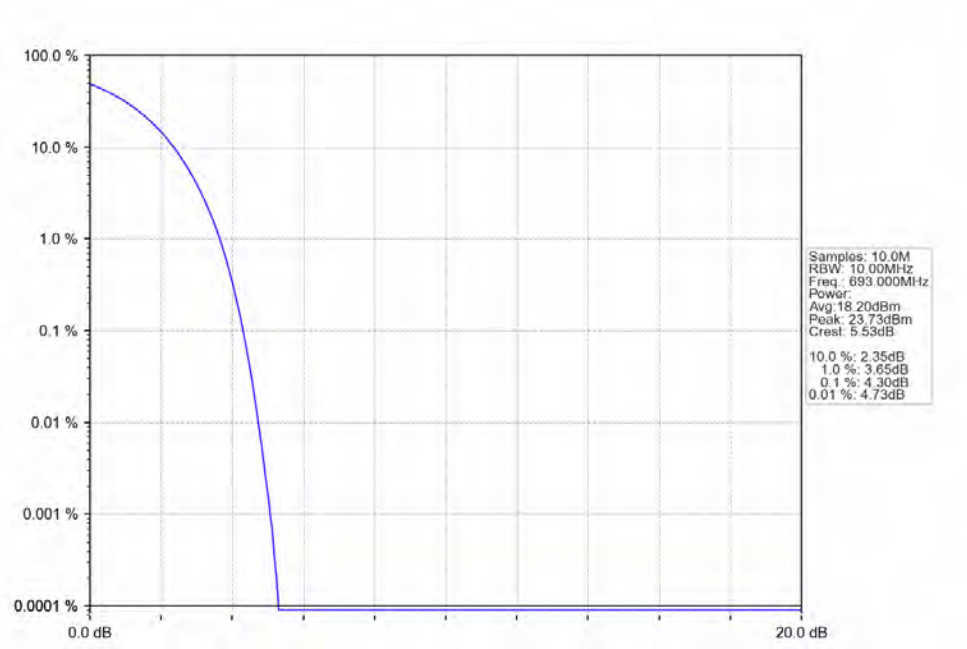
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



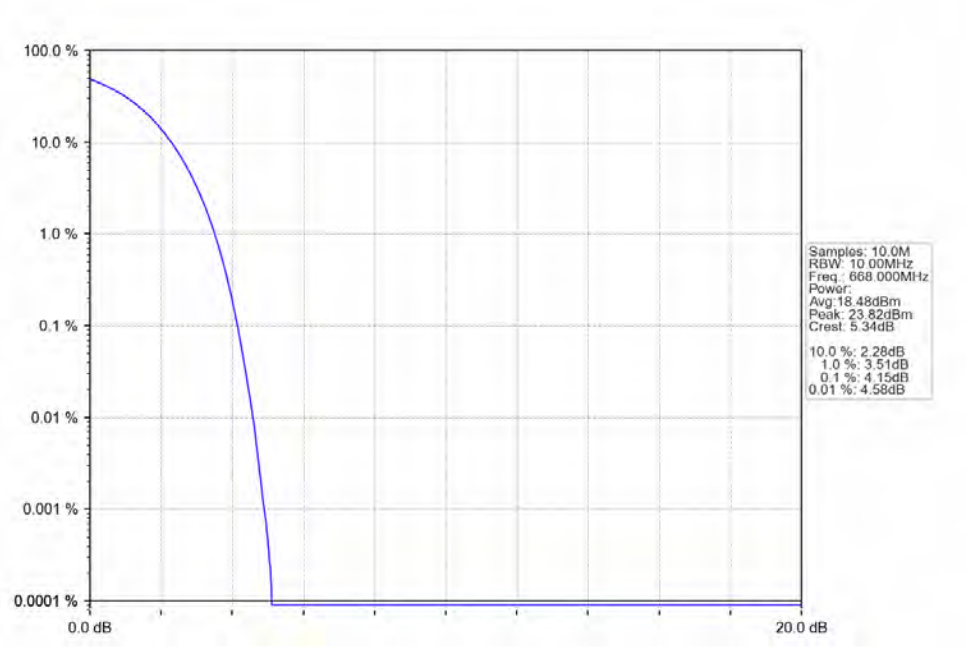
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



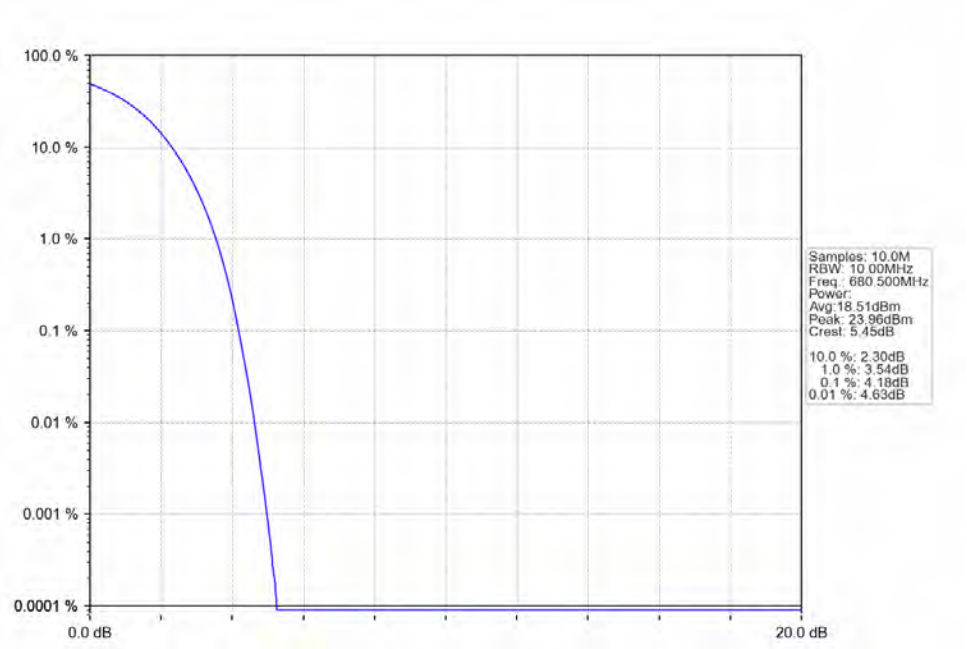
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



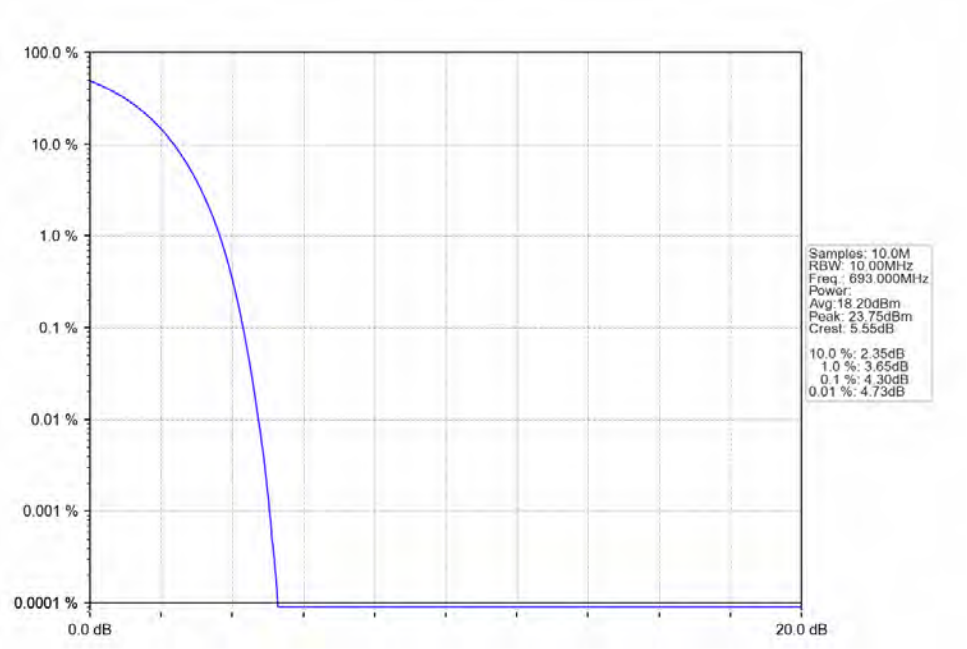
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



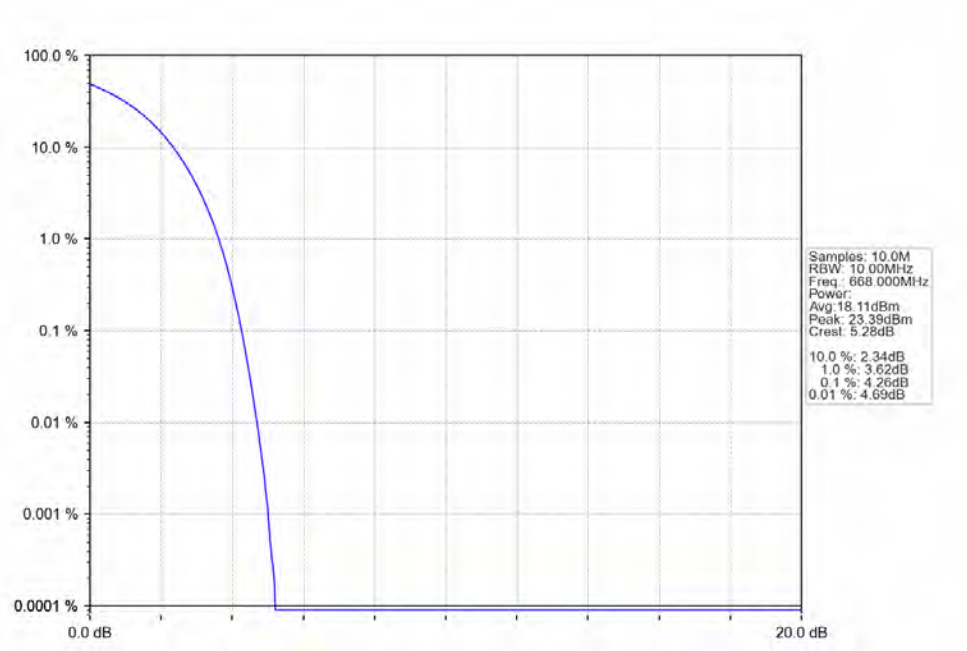
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



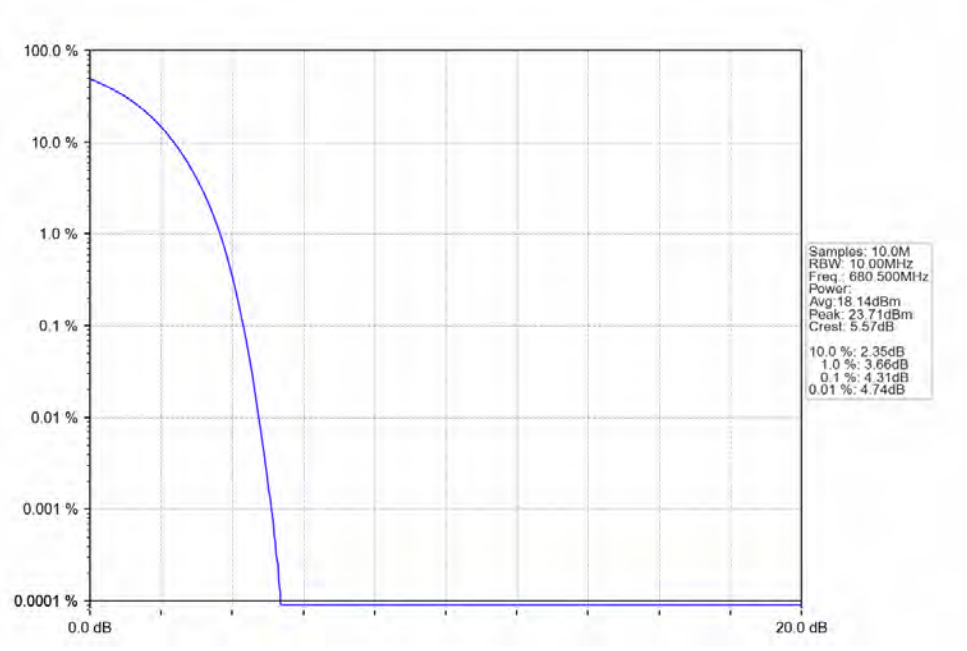
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



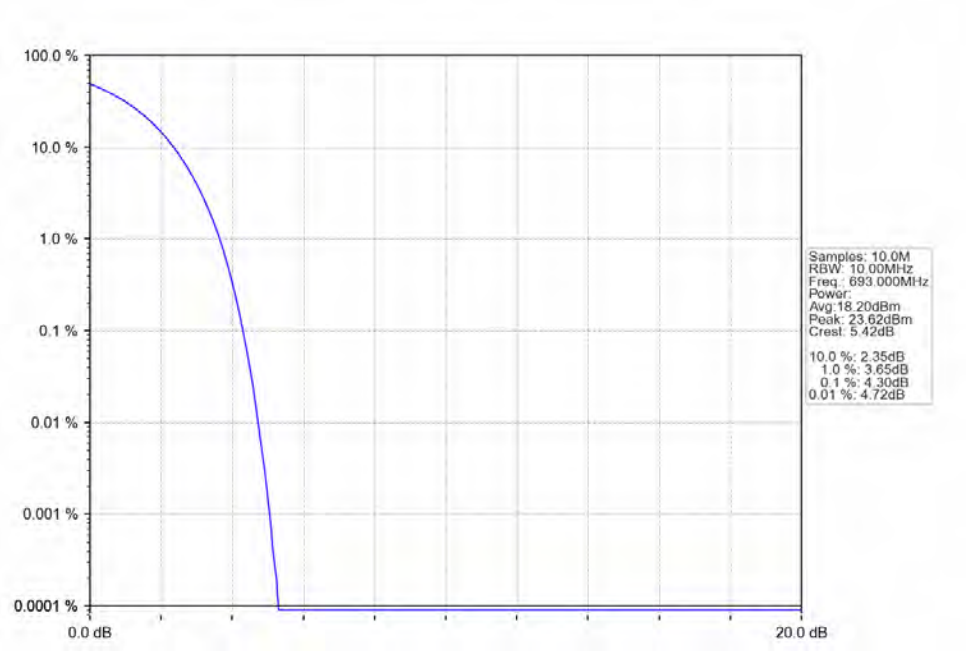
Band71_10MHz_64QAM_LCH_668MHz_RB_50_0_NTNV



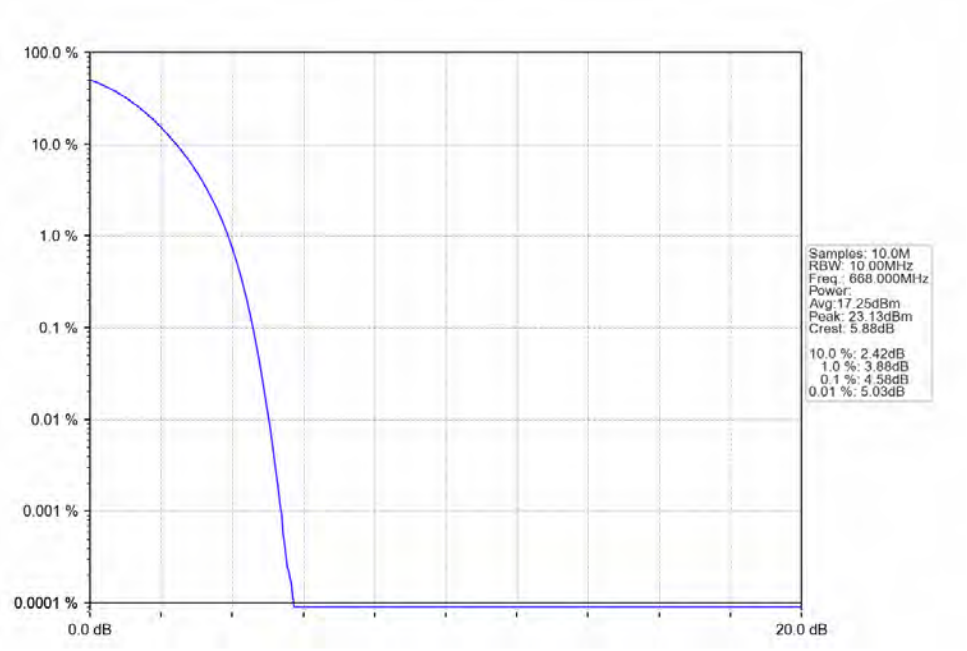
Band71_10MHz_64QAM_MCH_680.5MHz_RB_50_0_NTNV



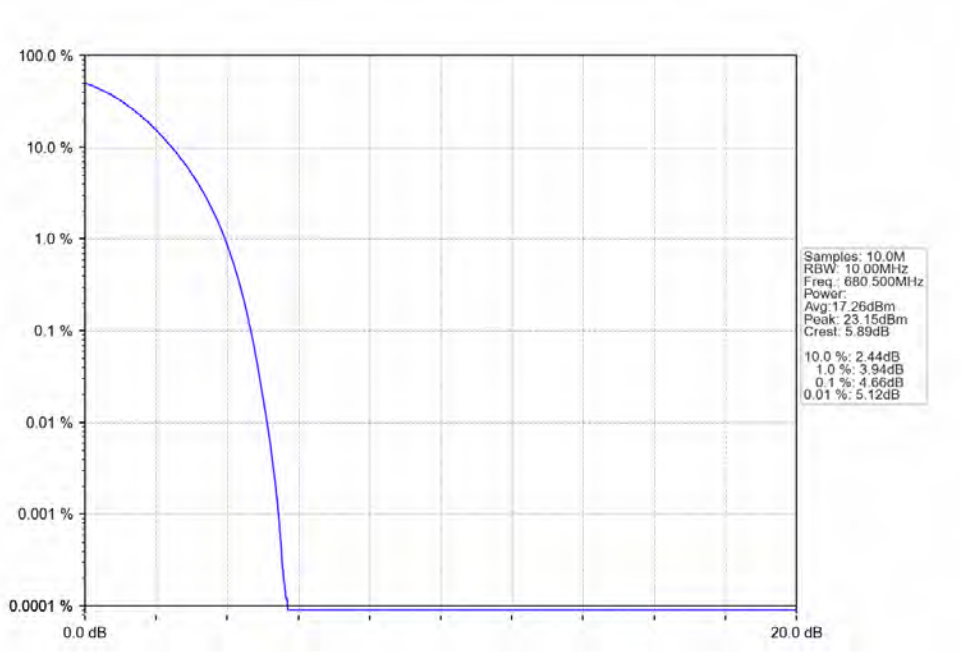
Band71_10MHz_64QAM_HCH_693MHz_RB_50_0_NTNV



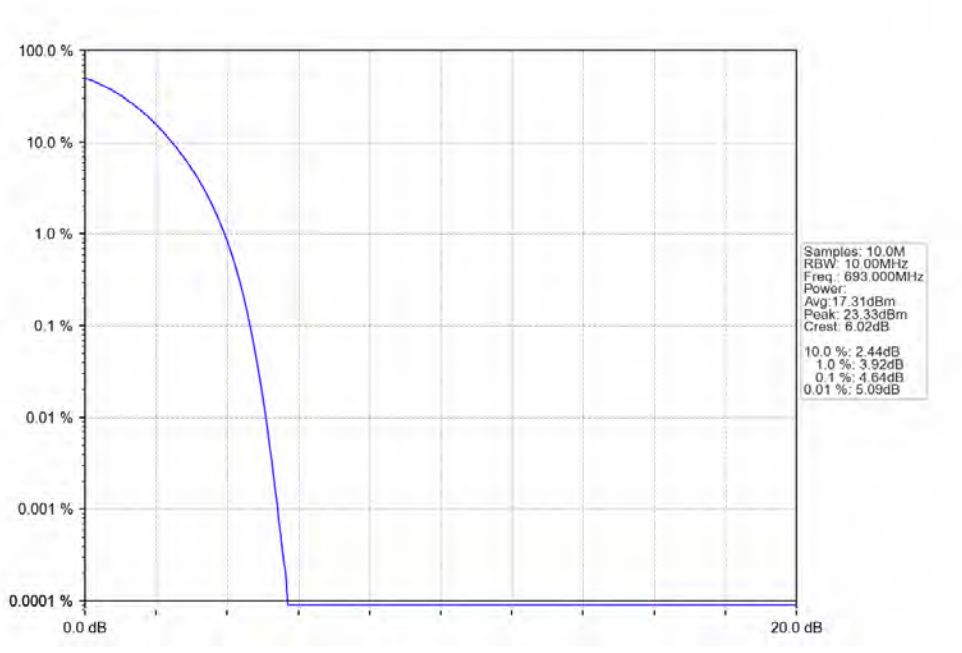
Band71_10MHz_256QAM_LCH_668MHz_RB_50_0_NTNV



Band71_10MHz_256QAM_MCH_680.5MHz_RB_50_0_NTNV

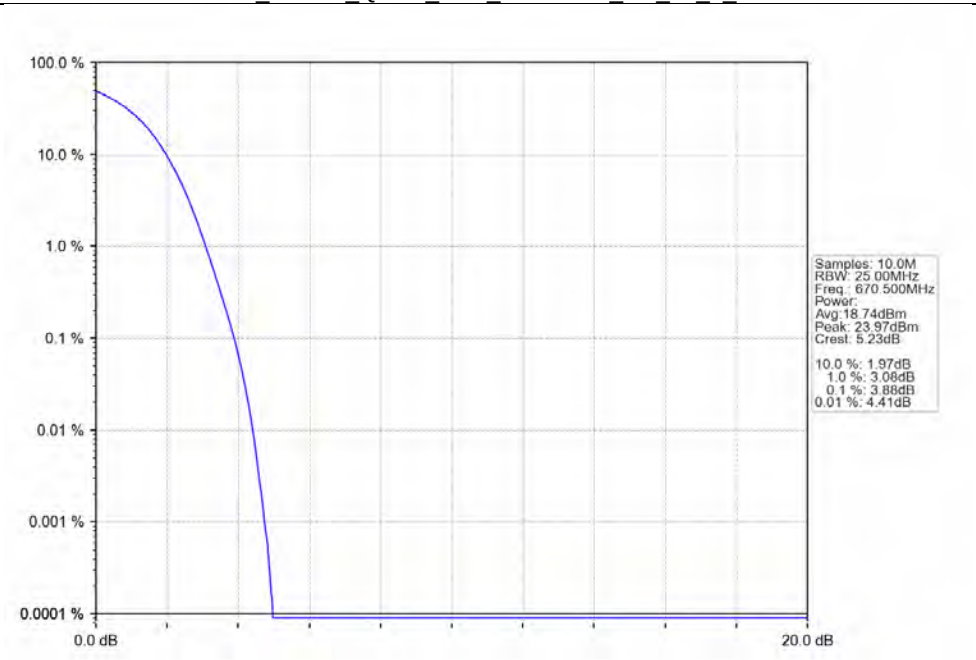


Band71_10MHz_256QAM_HCH_693MHz_RB_50_0_NTNV

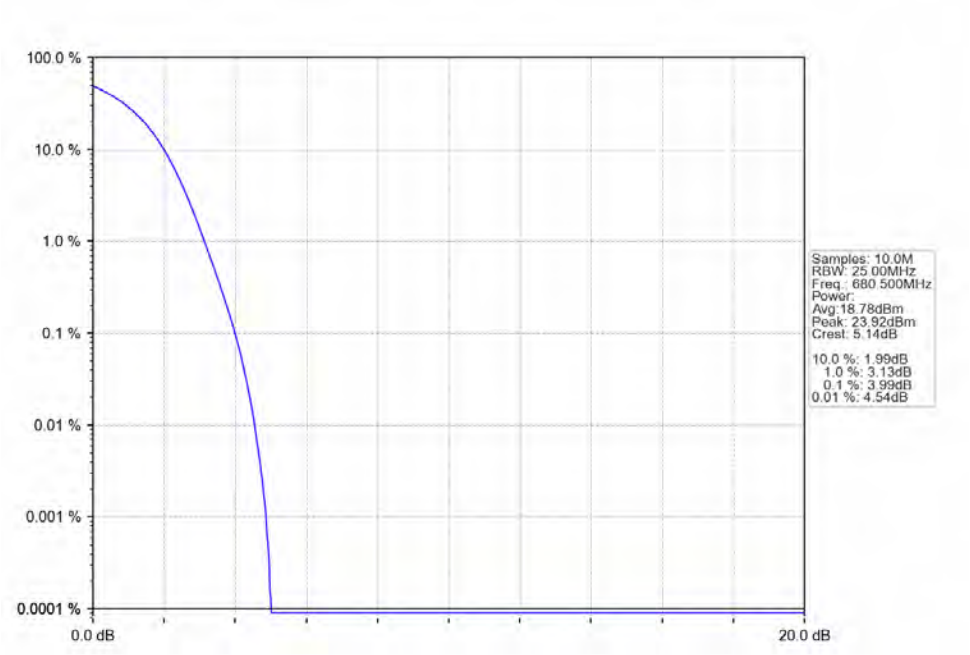


4.2.3 B71_15MHz

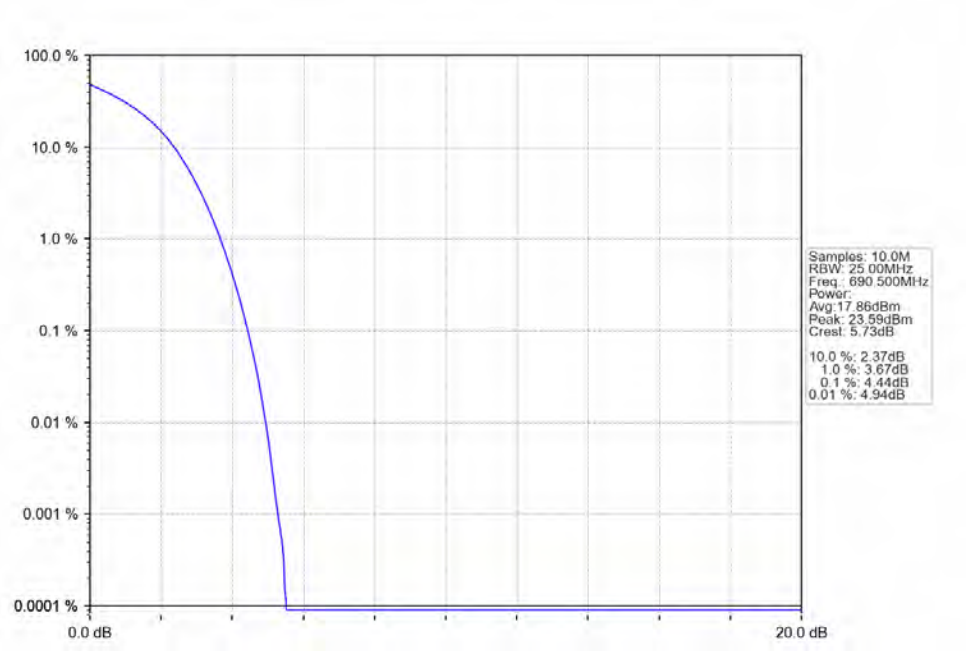
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



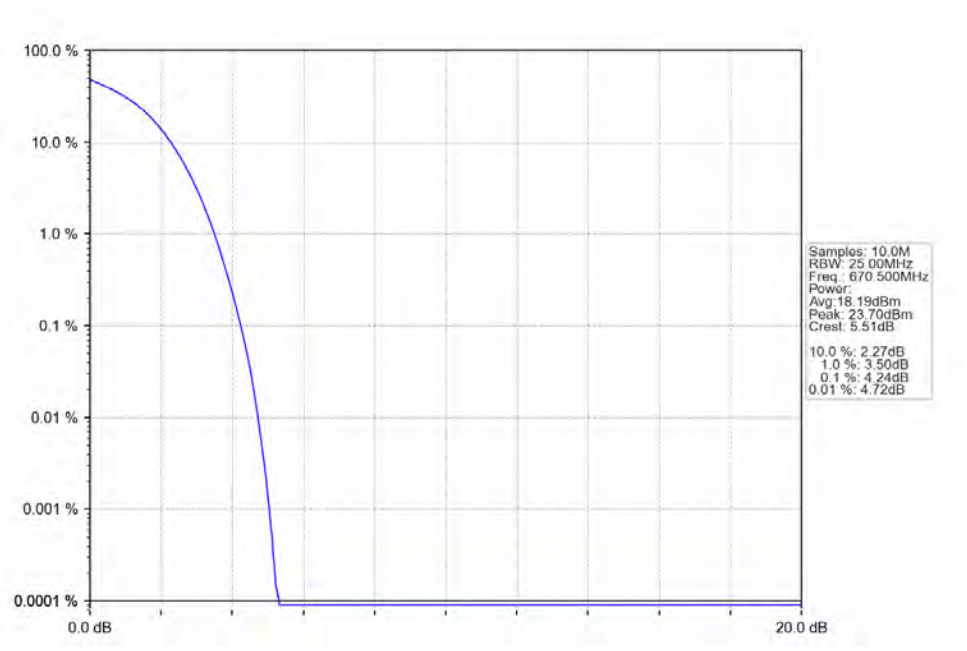
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



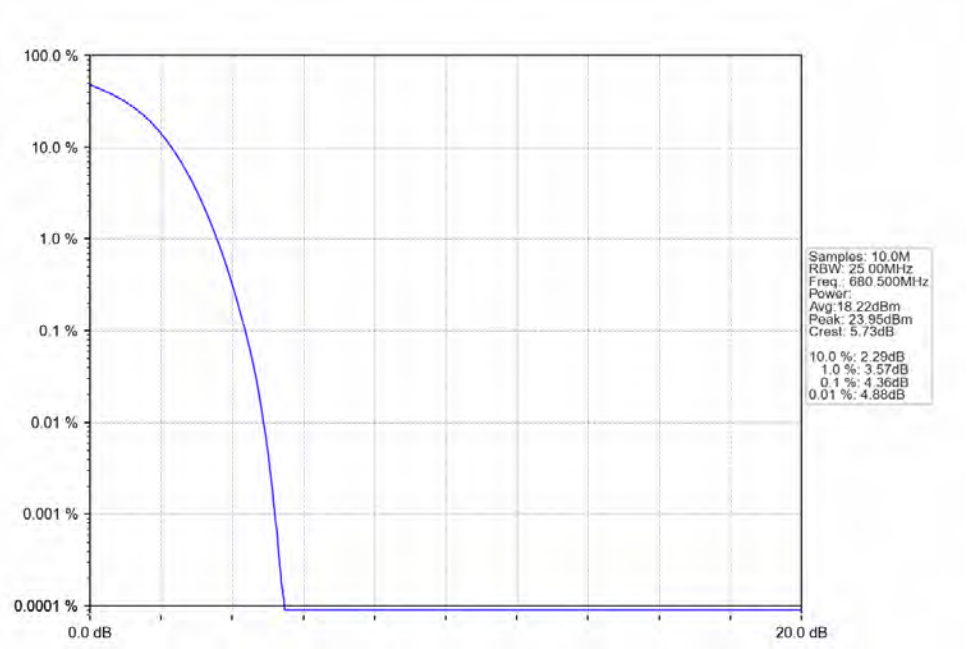
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



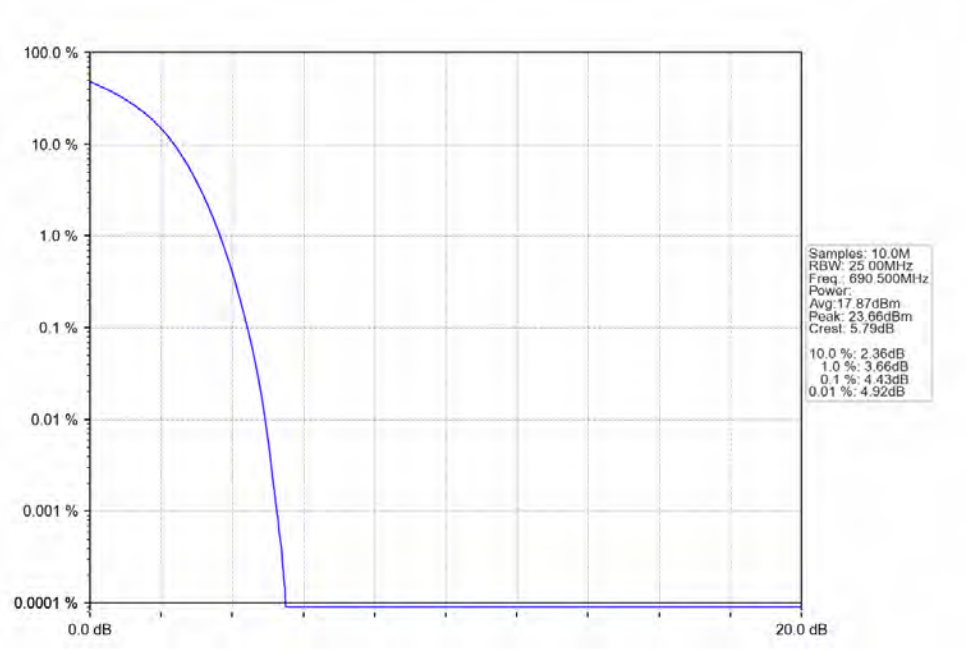
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



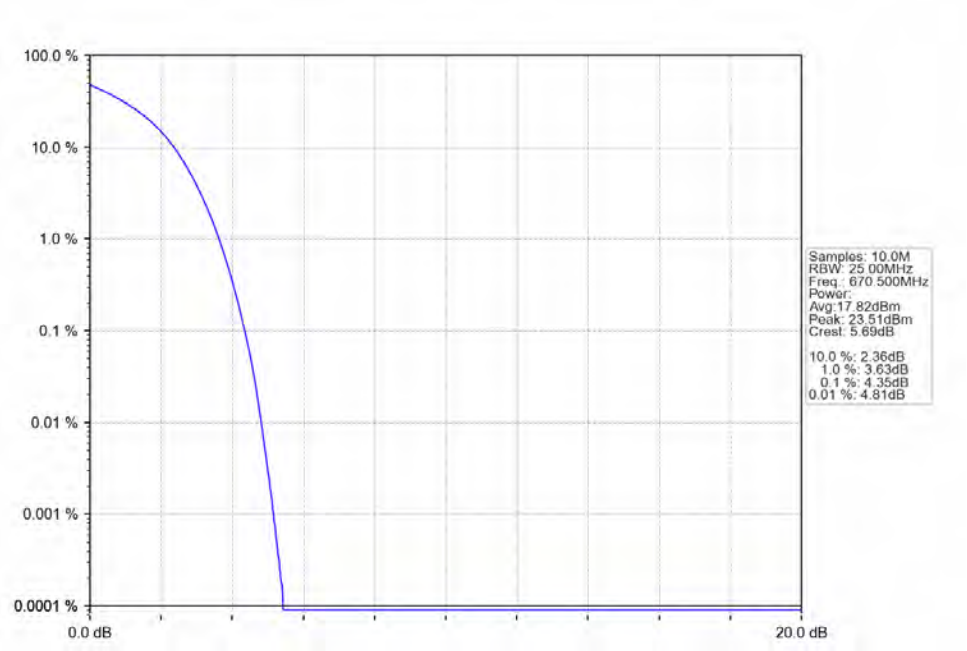
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



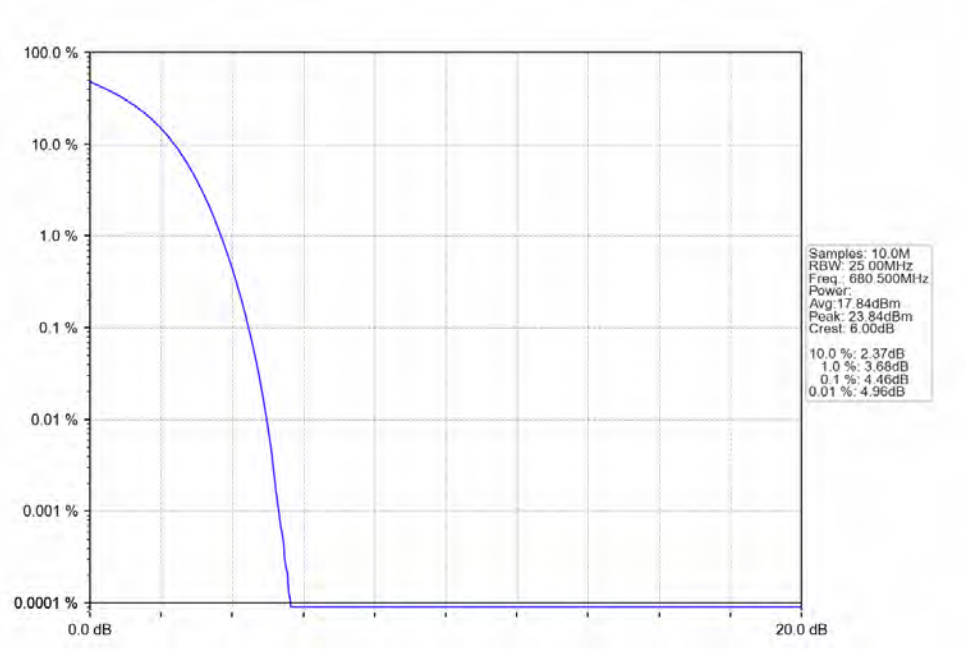
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



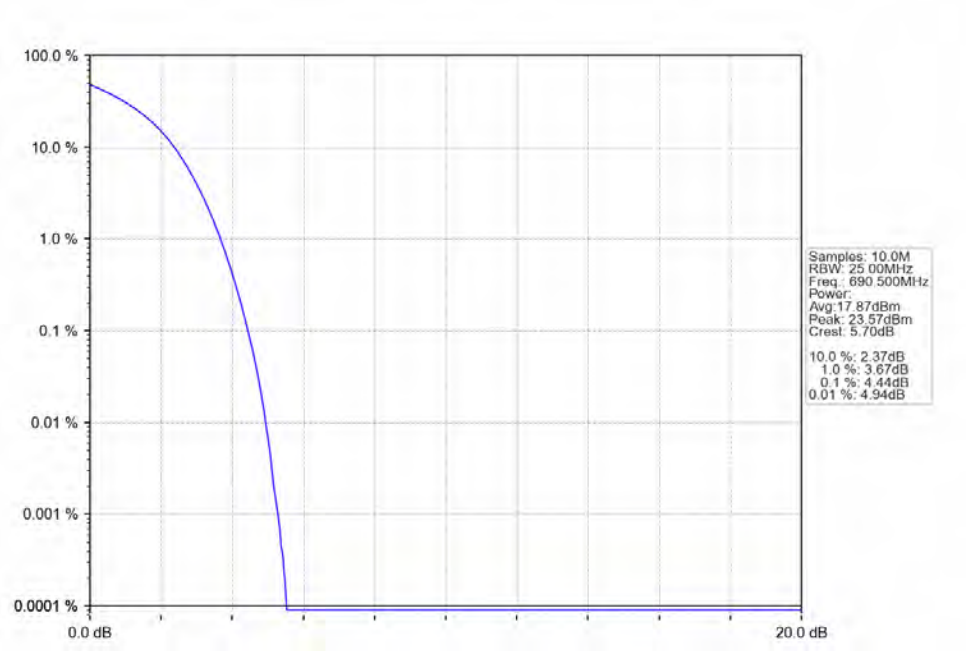
Band71_15MHz_64QAM_LCH_670.5MHz_RB_75_0_NTNV



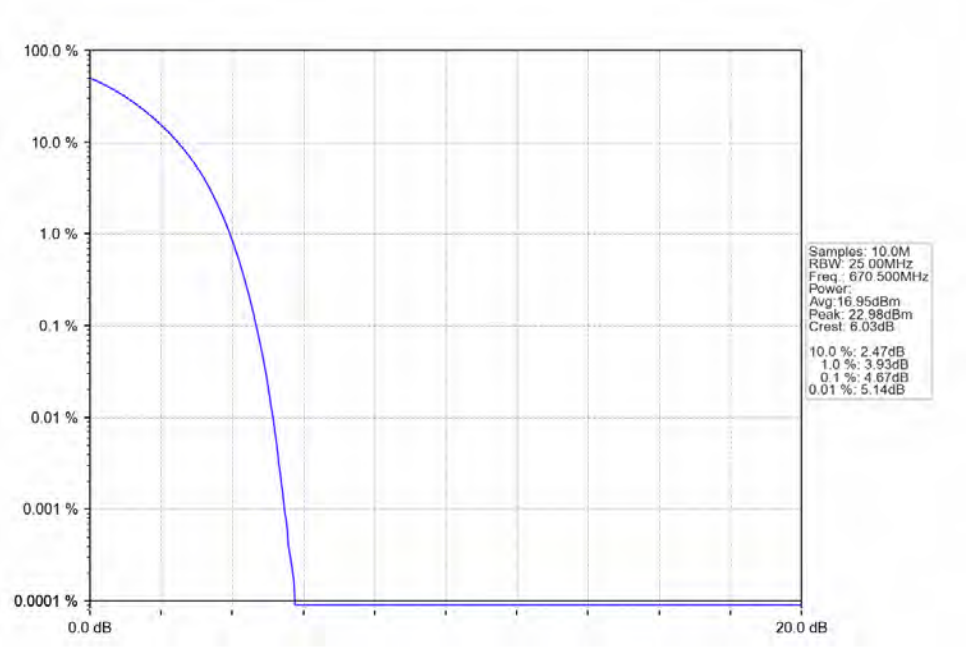
Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV



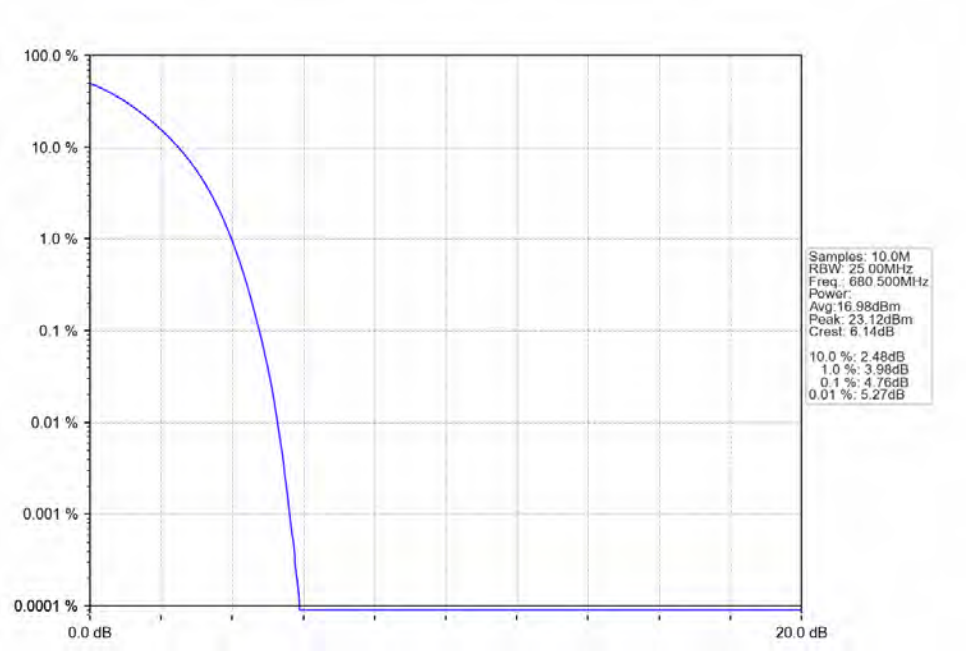
Band71_15MHz_64QAM_HCH_690.5MHz_RB_75_0_NTNV



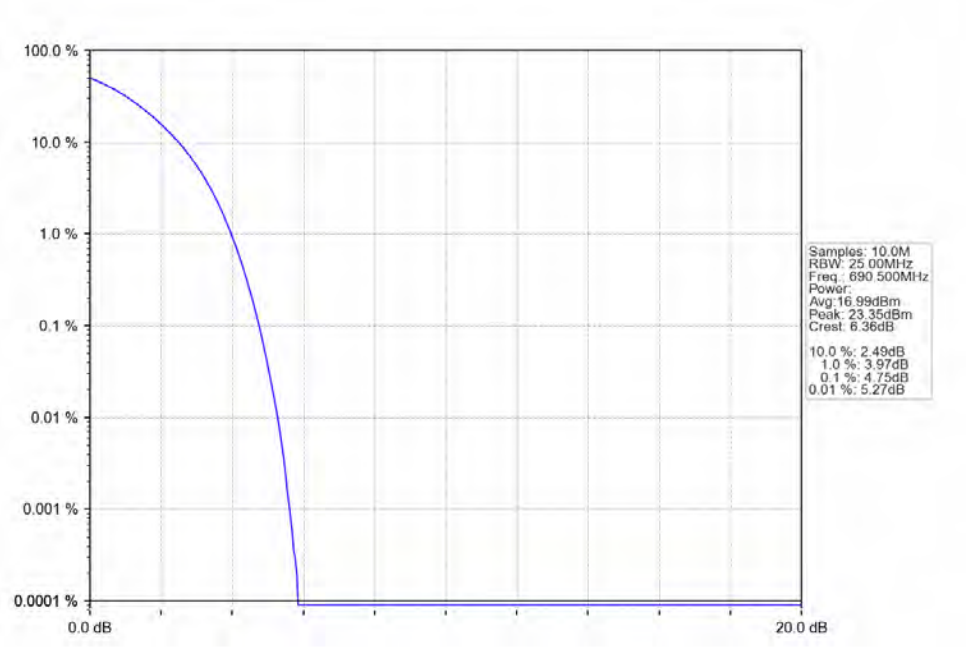
Band71_15MHz_256QAM_LCH_670.5MHz_RB_75_0_NTNV



Band71_15MHz_256QAM_MCH_680.5MHz_RB_75_0_NTNV

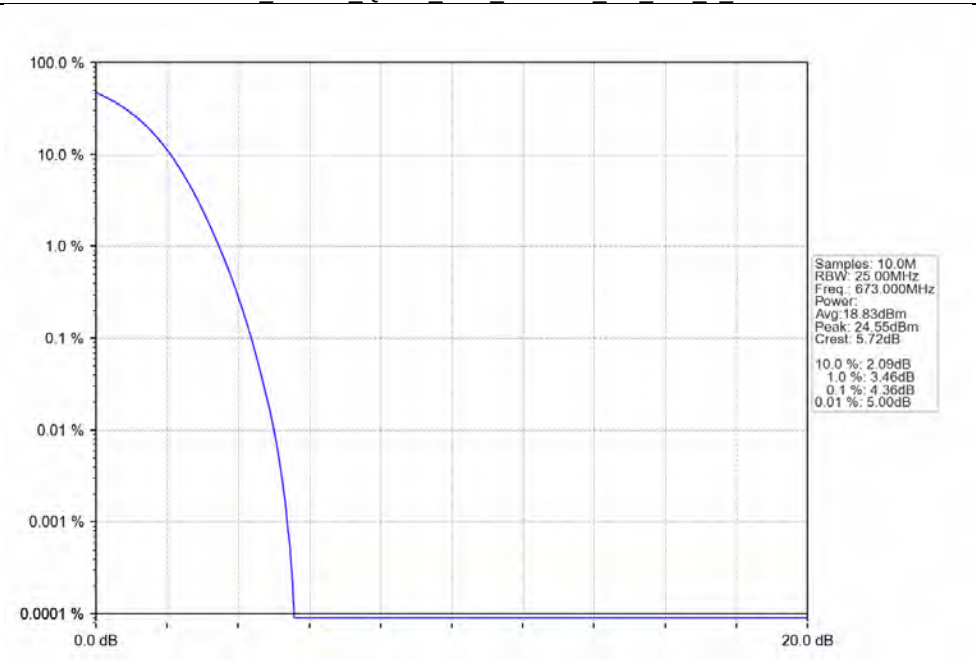


Band71_15MHz_256QAM_HCH_690.5MHz_RB_75_0_NTNV

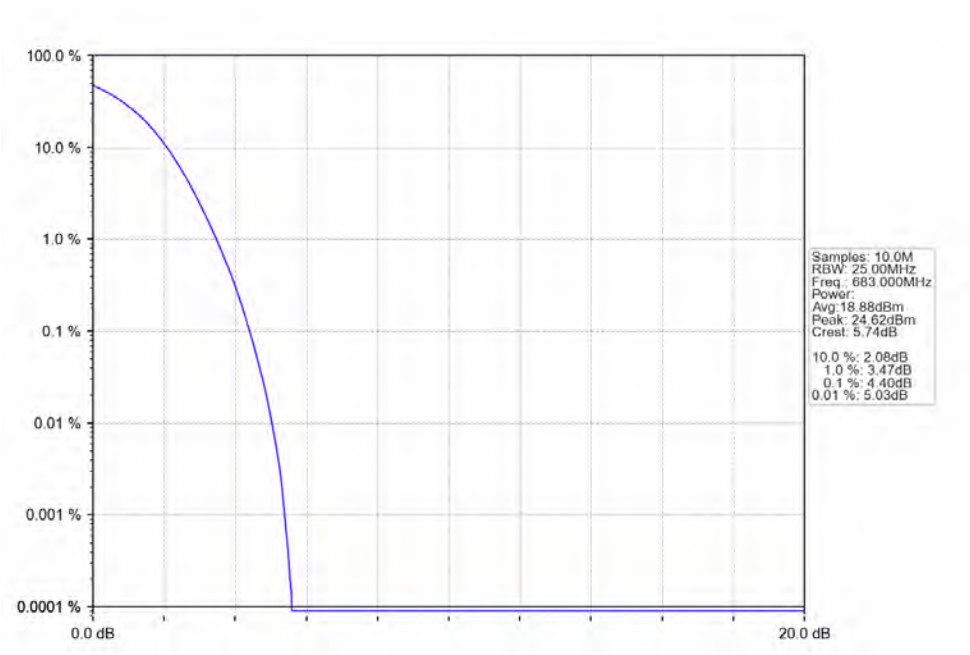


4.2.4 B71_20MHz

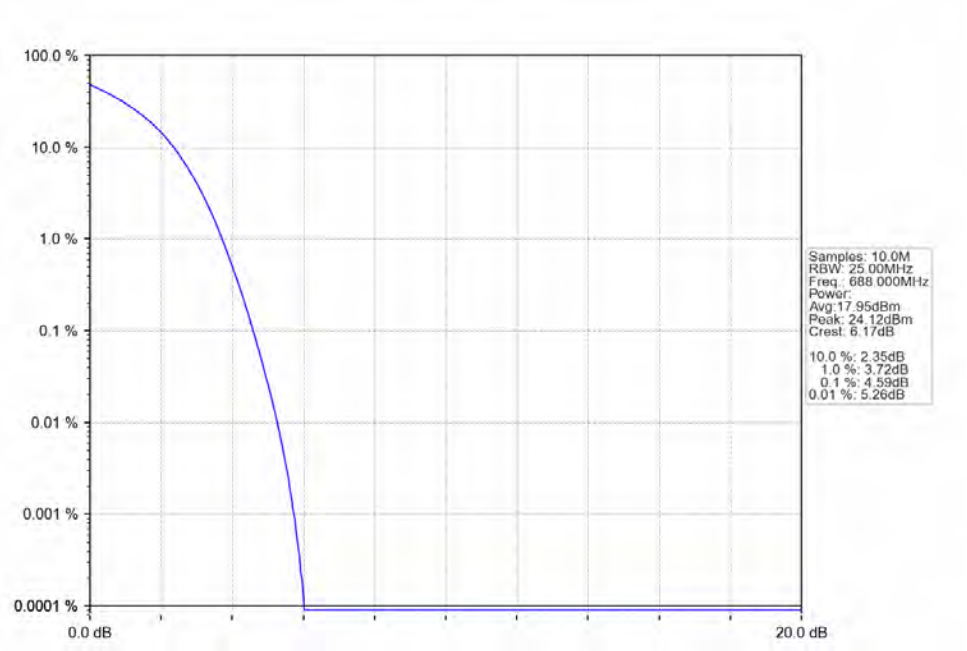
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



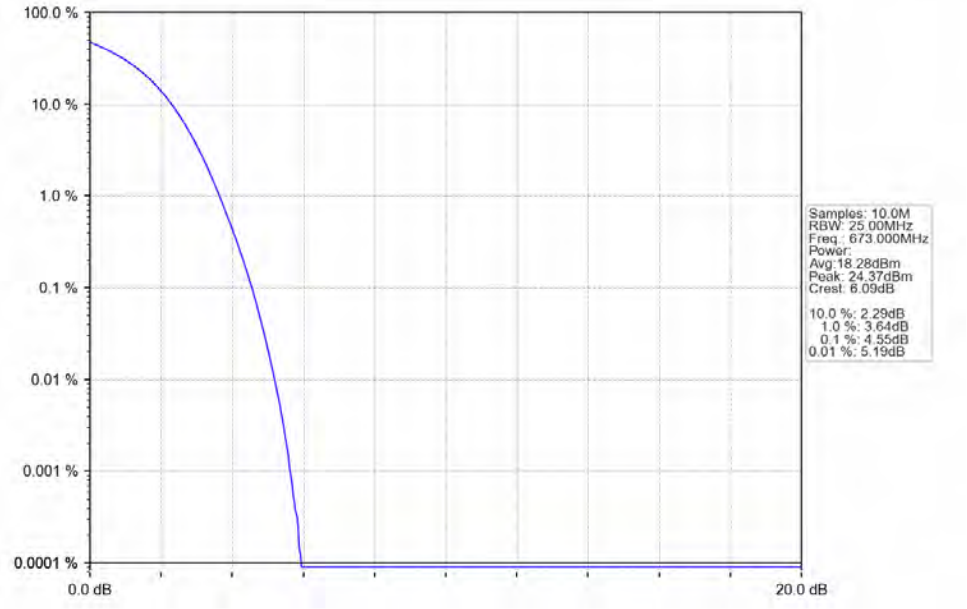
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



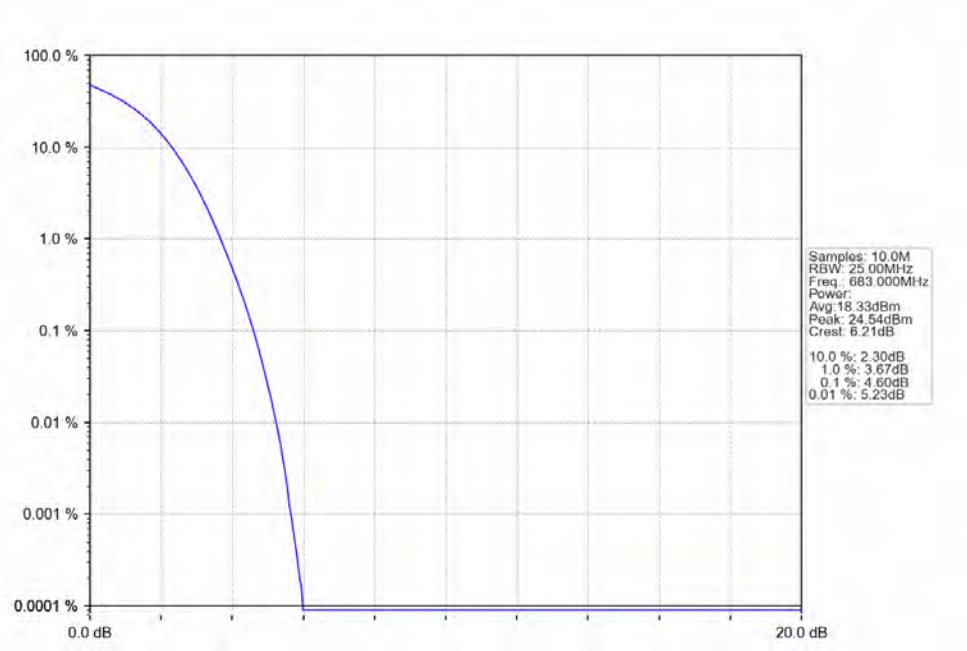
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



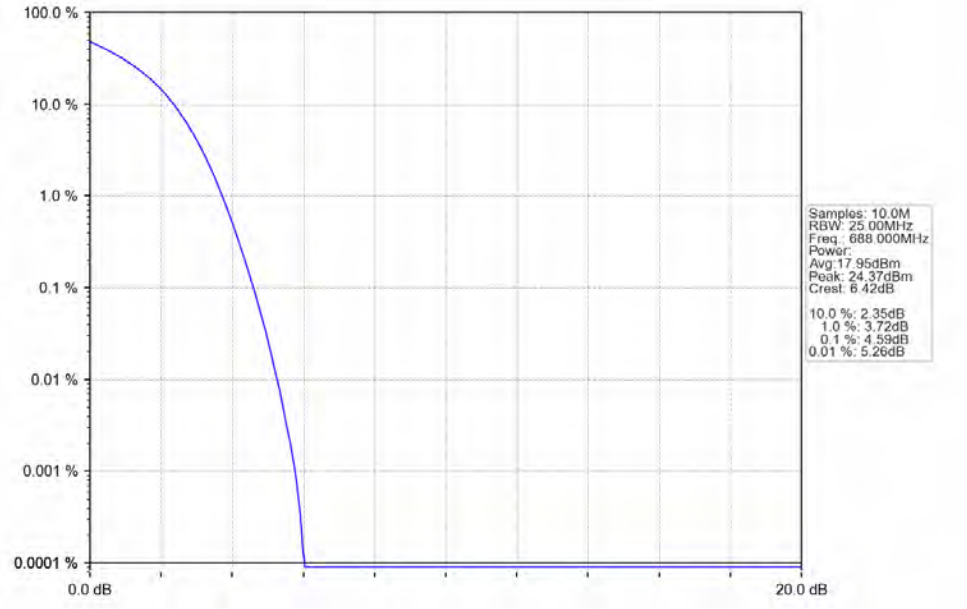
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



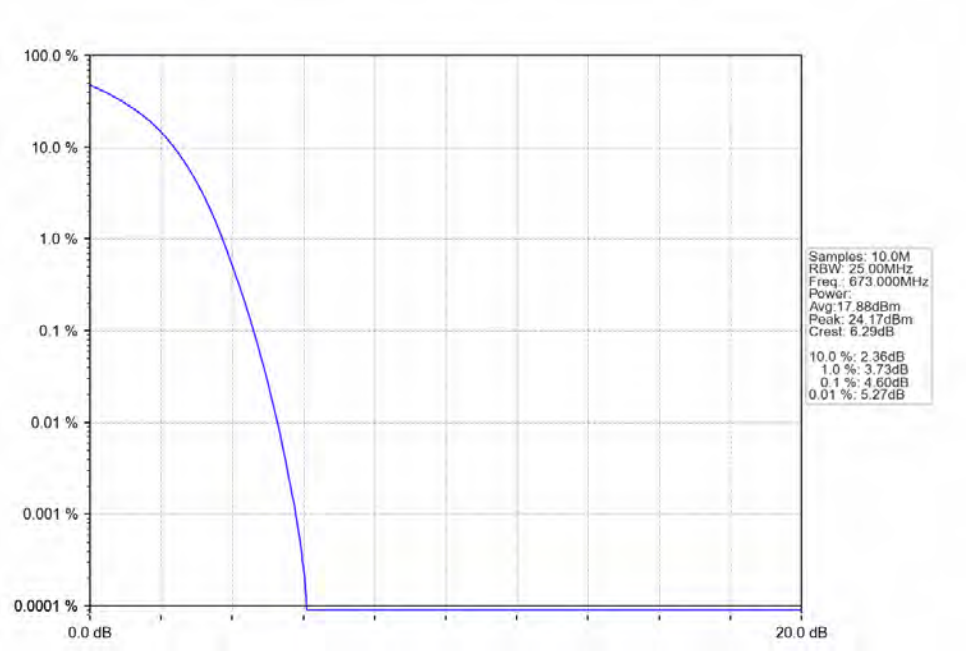
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



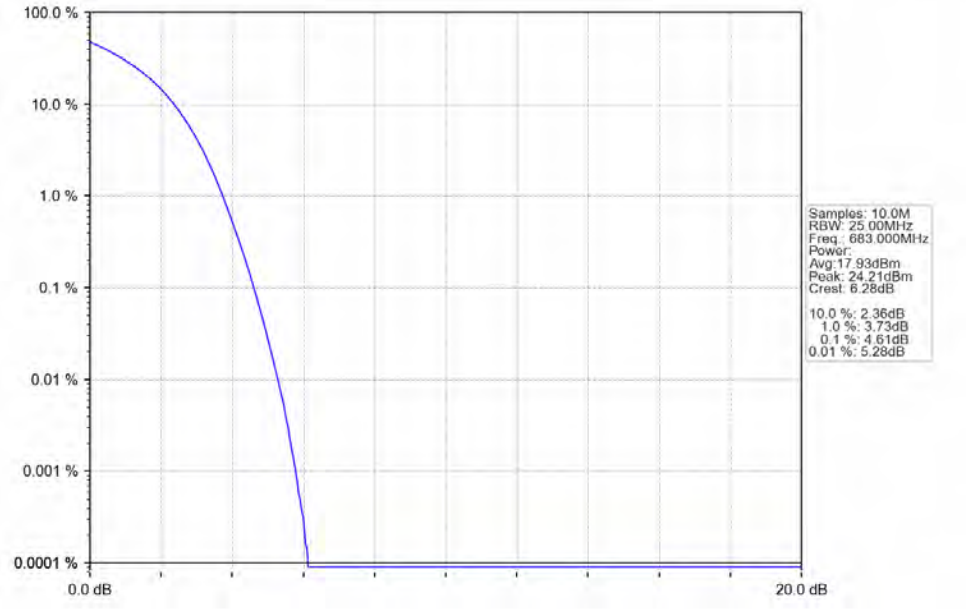
Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



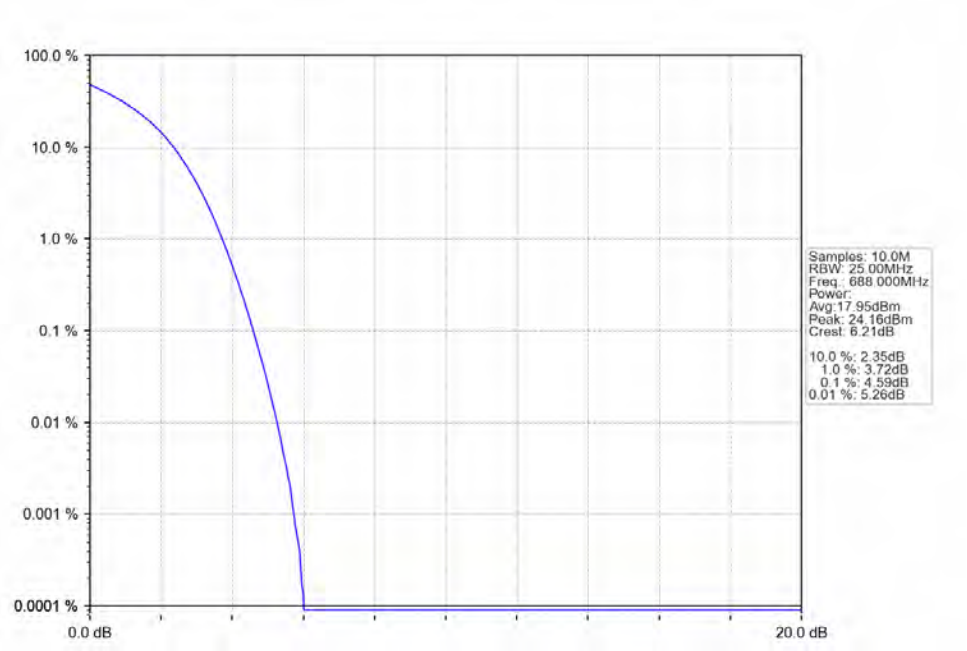
Band71_20MHz_64QAM_LCH_673MHz_RB_100_0_NTNV



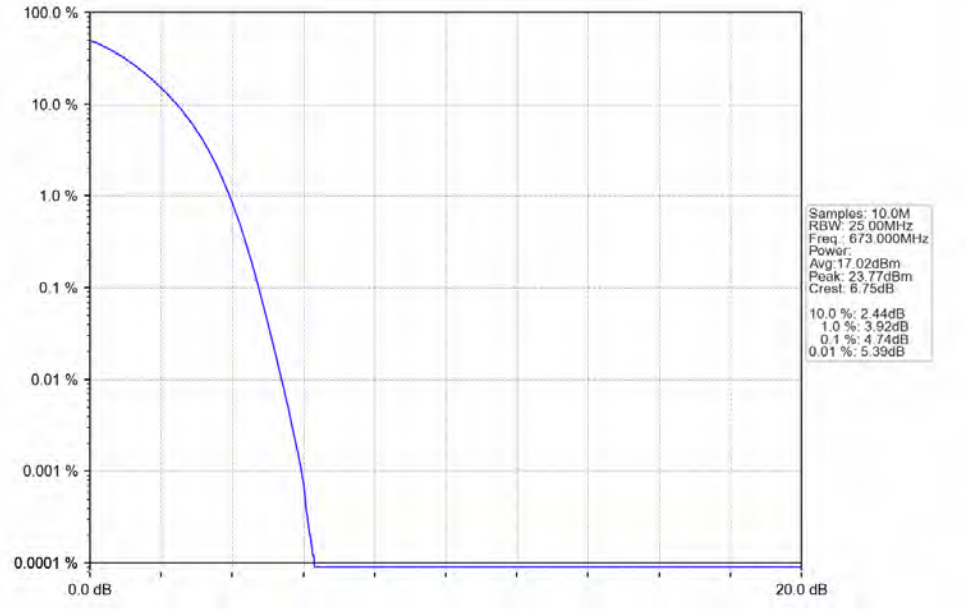
Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV



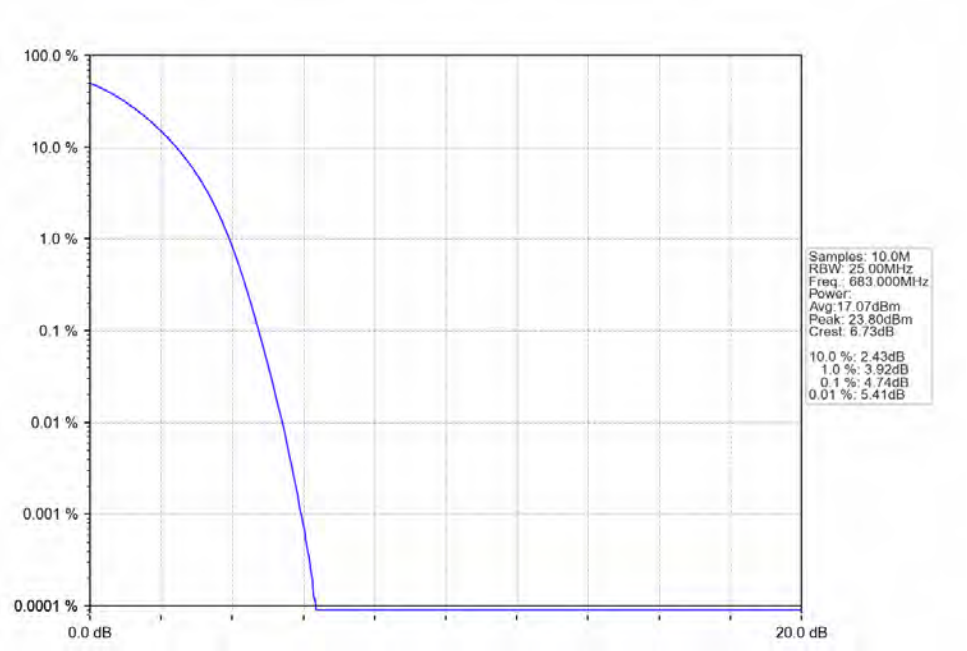
Band71_20MHz_64QAM_HCH_688MHz_RB_100_0_NTNV



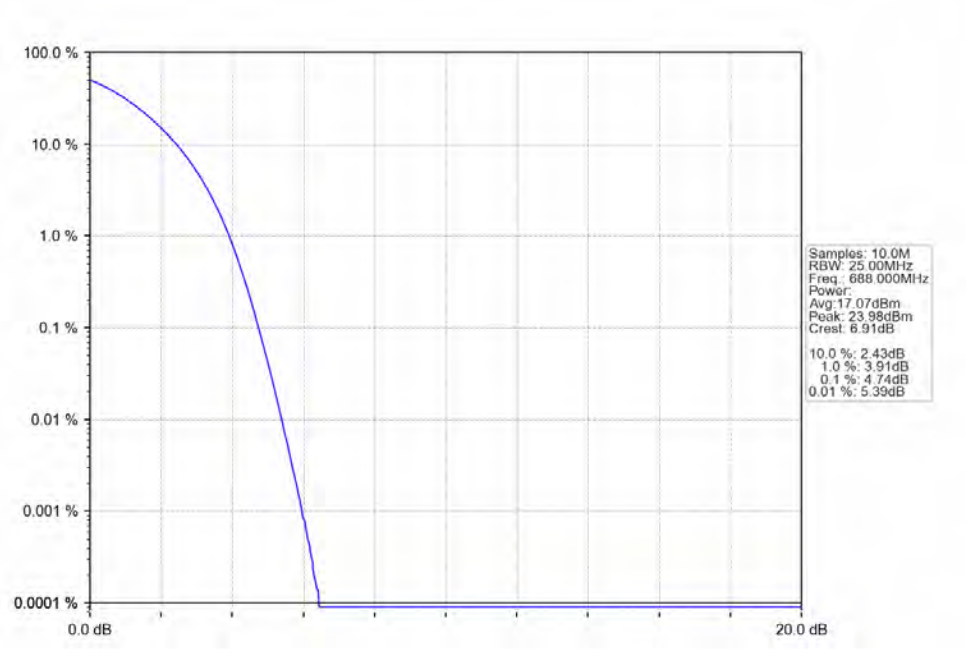
Band71_20MHz_256QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_HCH_688MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz / NTNV						
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		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B71_10MHz

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

5.1.3 B71_15MHz

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

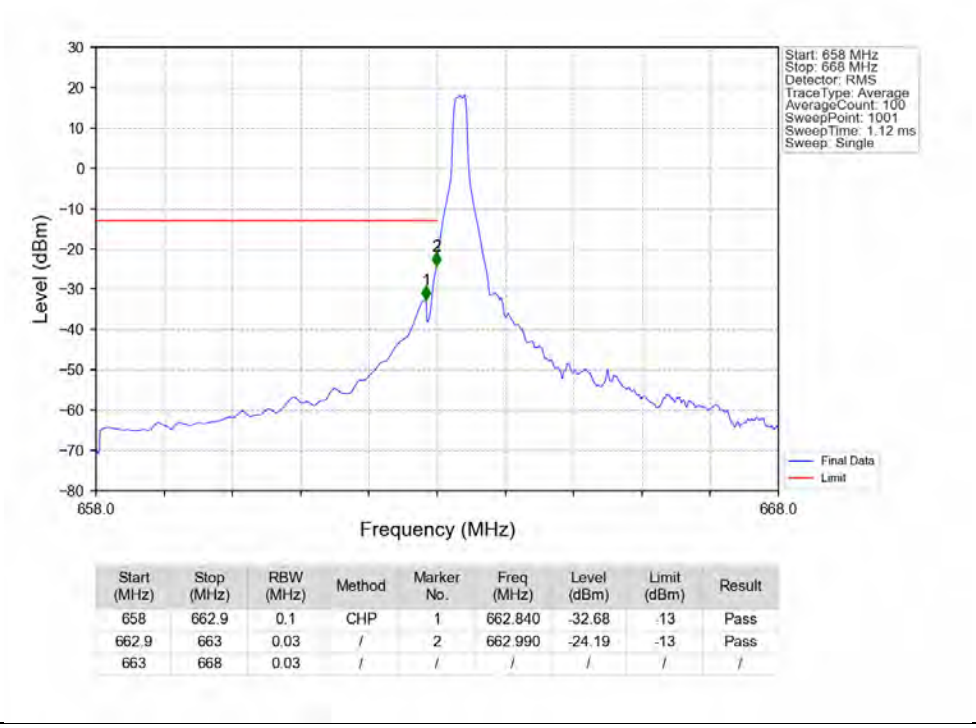
5.1.4 B71_20MHz

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

5.2 Test Graph

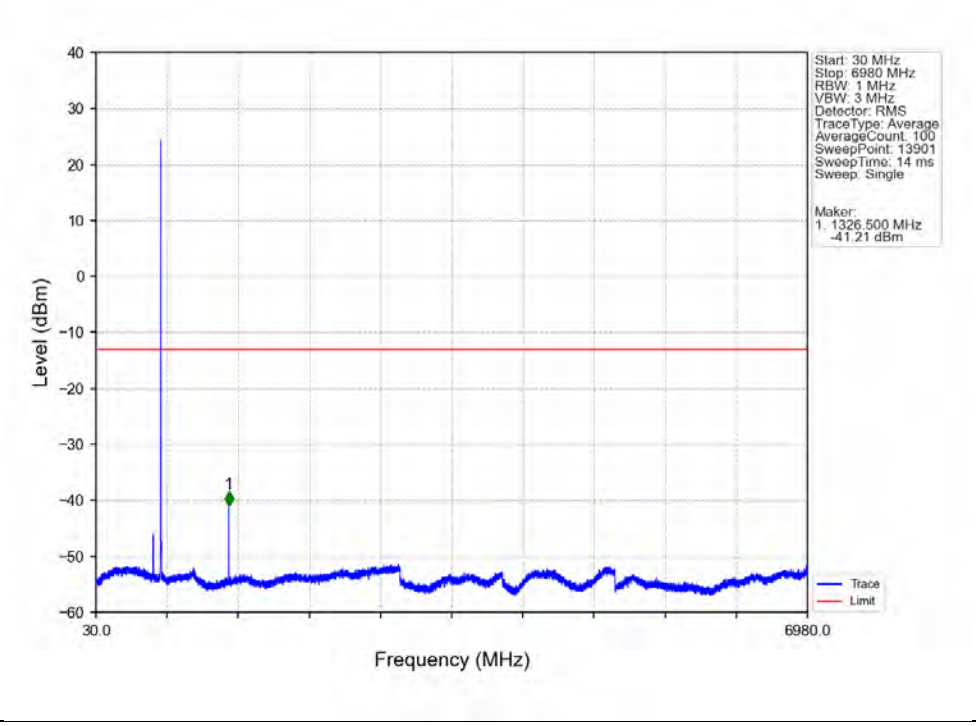
5.2.1 B71_5MHz

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

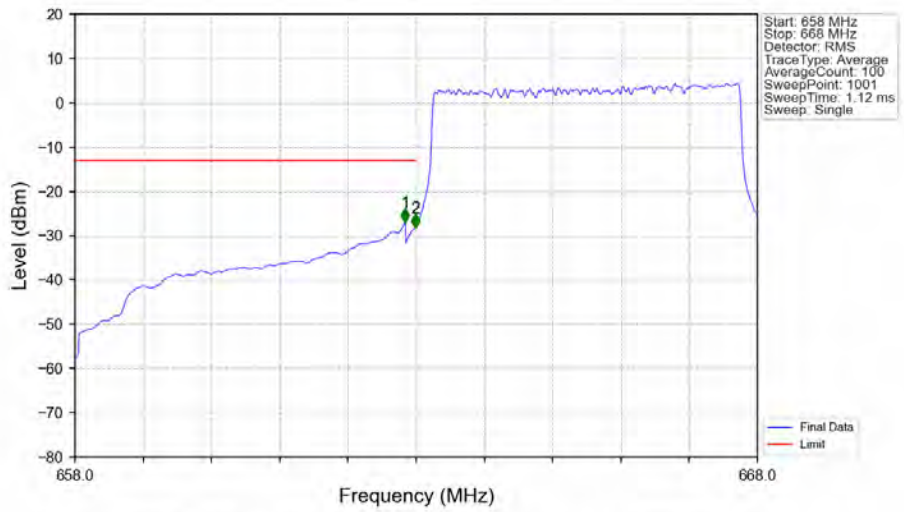


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-32.68	-13	Pass
662.9	663	0.03	/	2	662.990	-24.19	-13	Pass
663	668	0.03	/	/	/	/	/	/

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

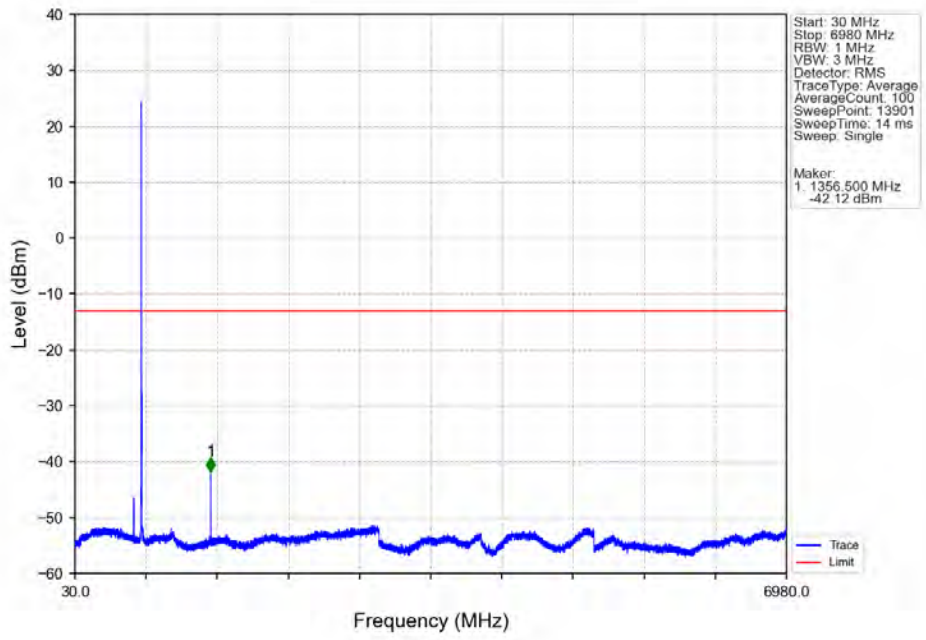


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV

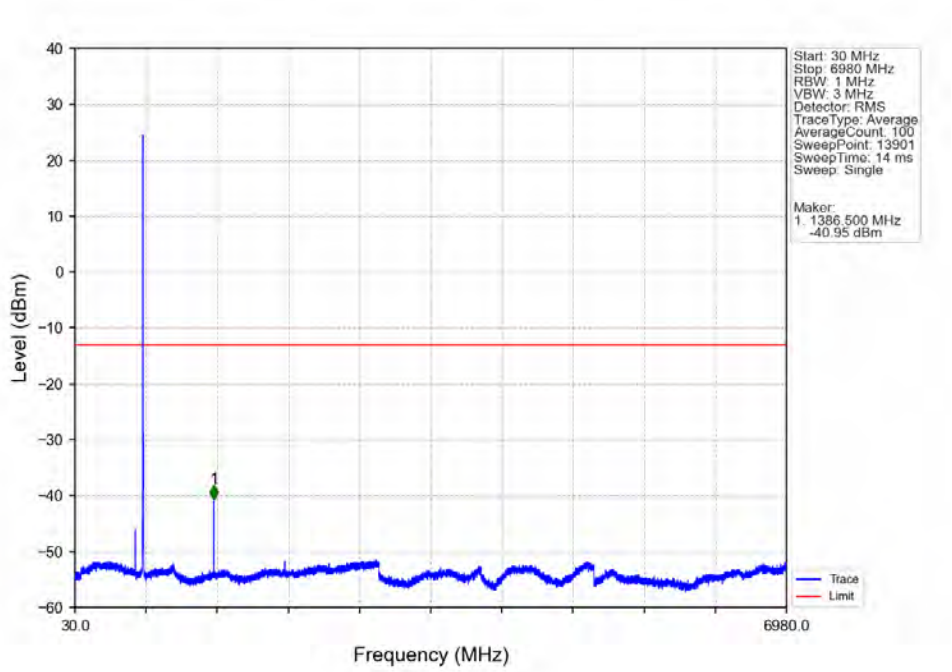


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-26.86	-13	Pass
662.9	663	0.03	/	2	662.990	-28.17	-13	Pass
663	668	0.03	/	/	/	/	/	/

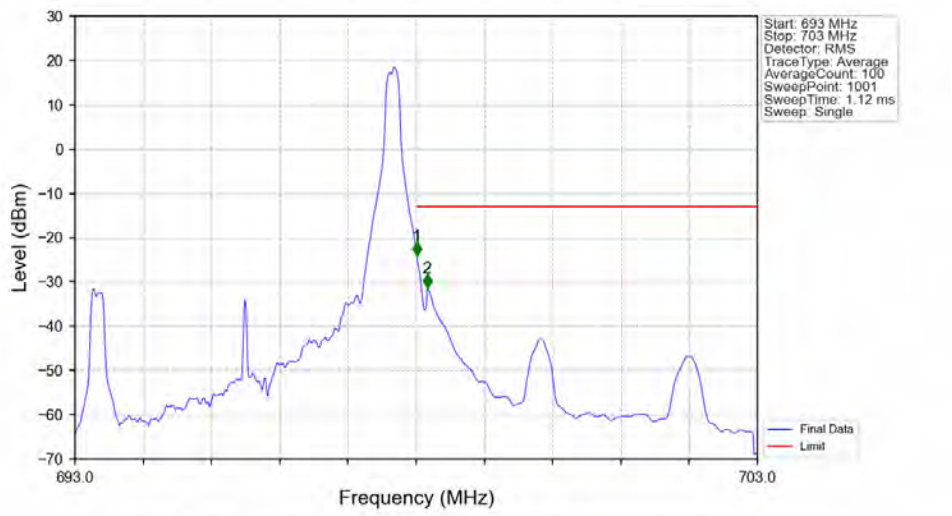
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTNV

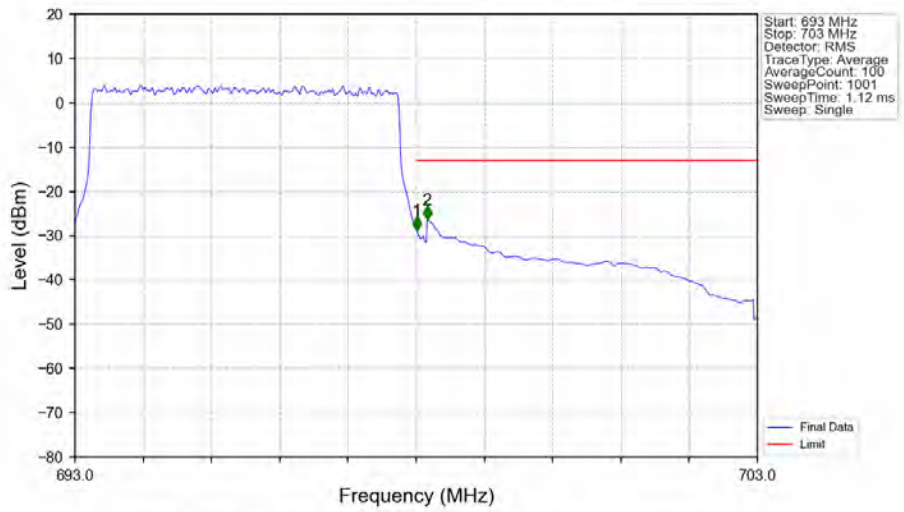


Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.010	-23.99	-13	Pass
698.1	703	0.1	CHP	2	698.160	-31.41	-13	Pass

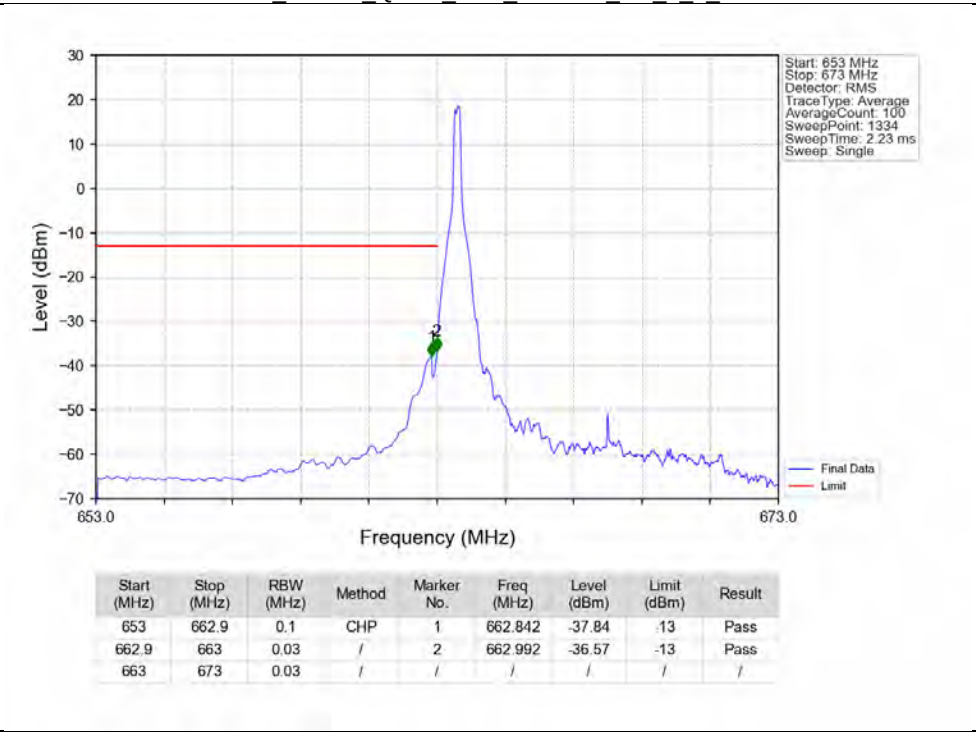
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.010	-28.80	-13	Pass
698.1	703	0.1	CHP	2	698.160	-26.43	-13	Pass

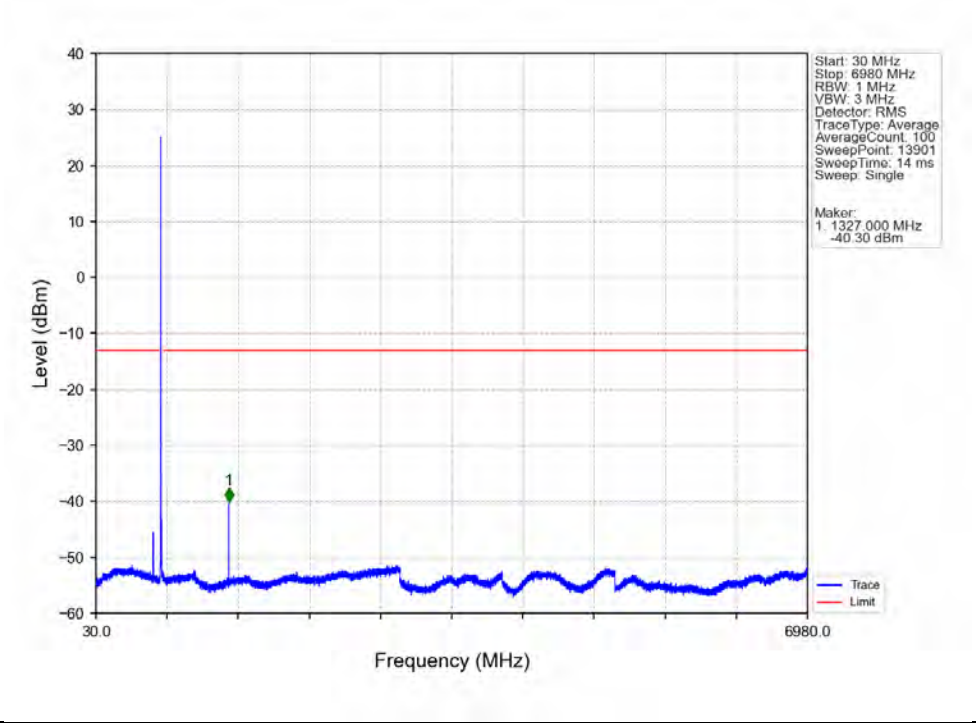
5.2.2 B71_10MHz

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

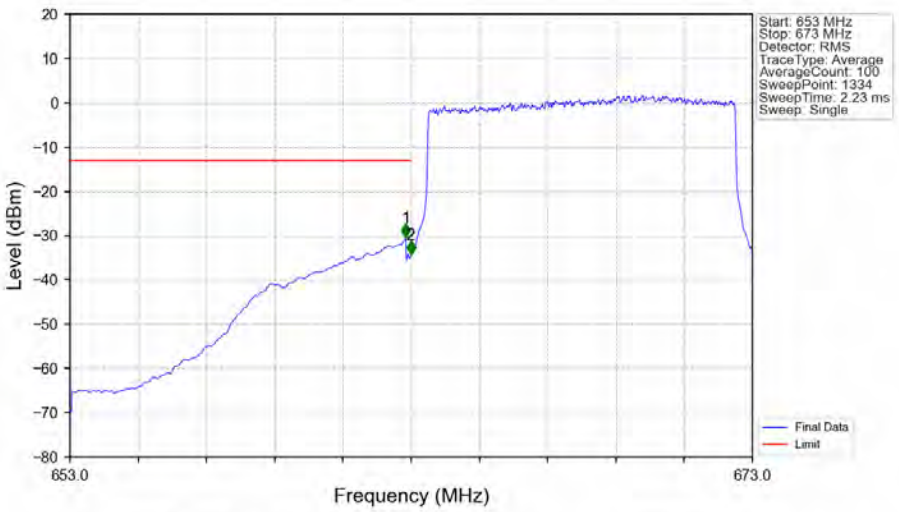


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.842	-37.84	-13	Pass
662.9	663	0.03	/	2	662.992	-36.57	-13	Pass
663	673	0.03	/	/	/	/	/	/

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

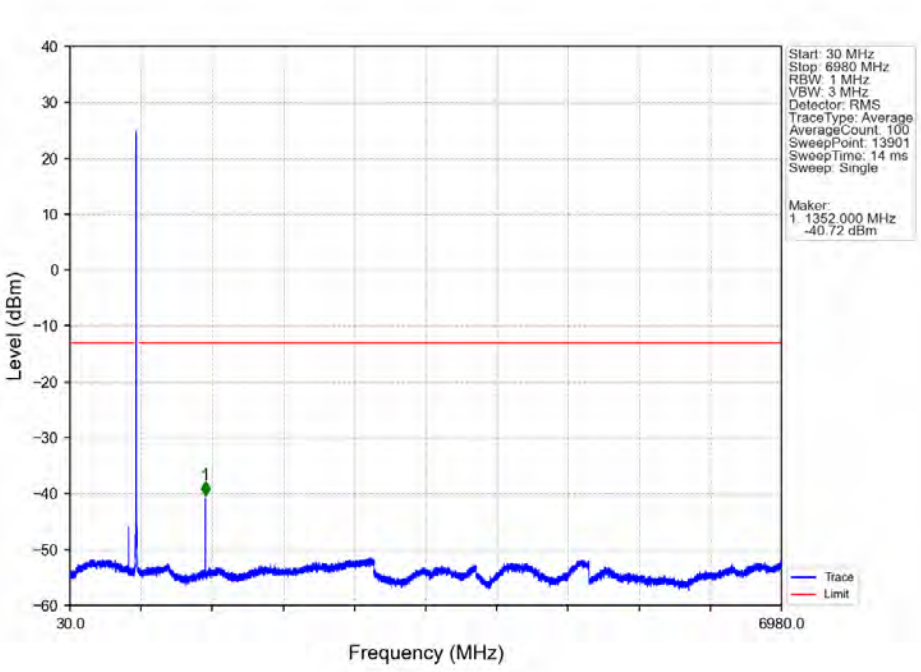


Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV

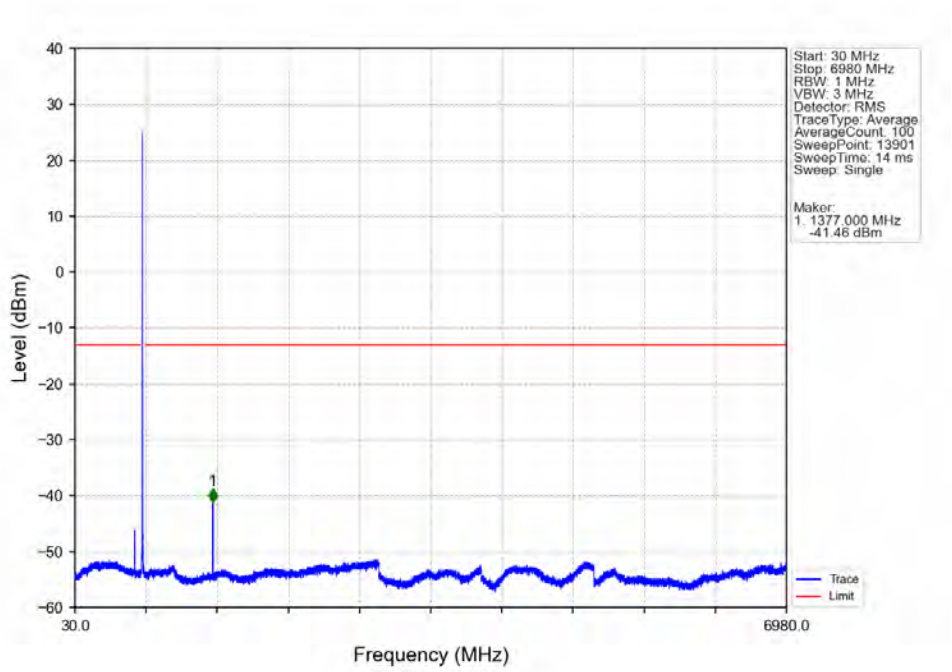


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.842	-30.44	-13	Pass
662.9	663	0.03	/	2	662.992	-34.15	-13	Pass
663	673	0.03	/	/	/	/	/	/

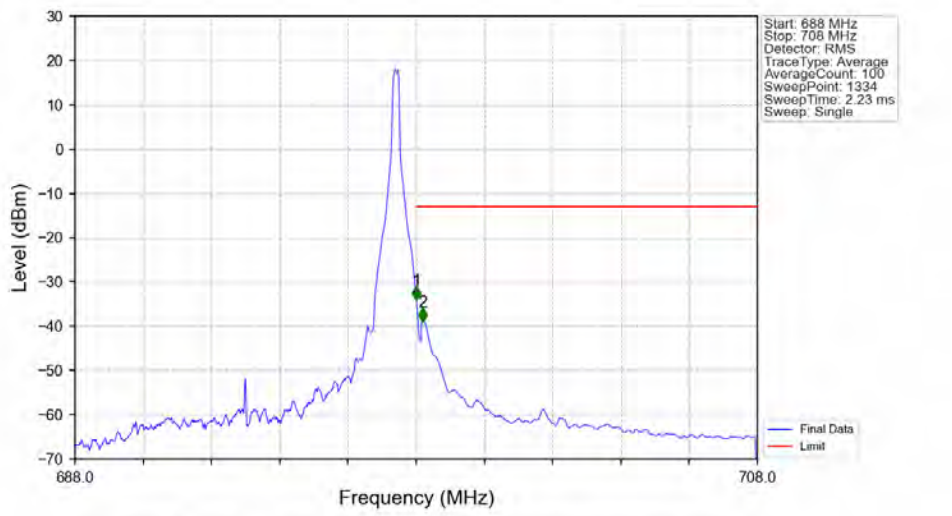
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV

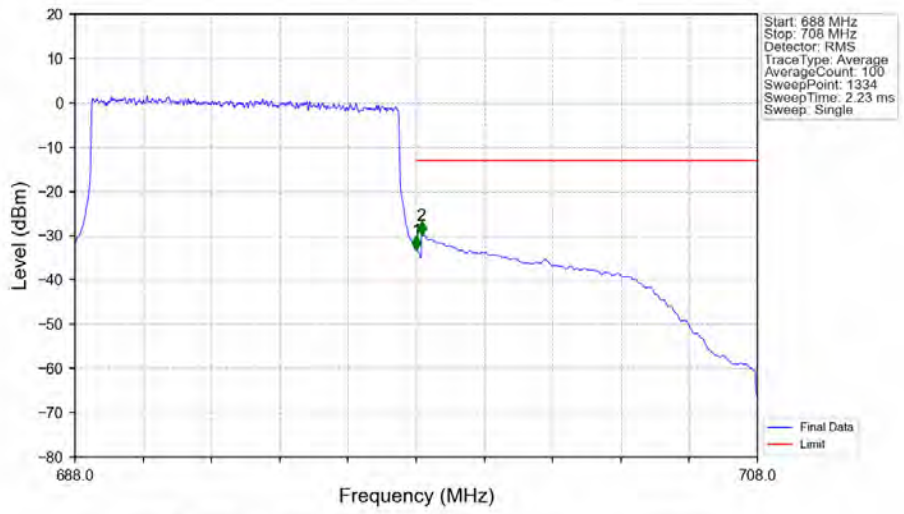


Band71_10MHz_QPSK_HCH_693MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.008	-34.04	-13	Pass
698.1	708	0.1	CHP	2	698.188	-38.93	-13	Pass

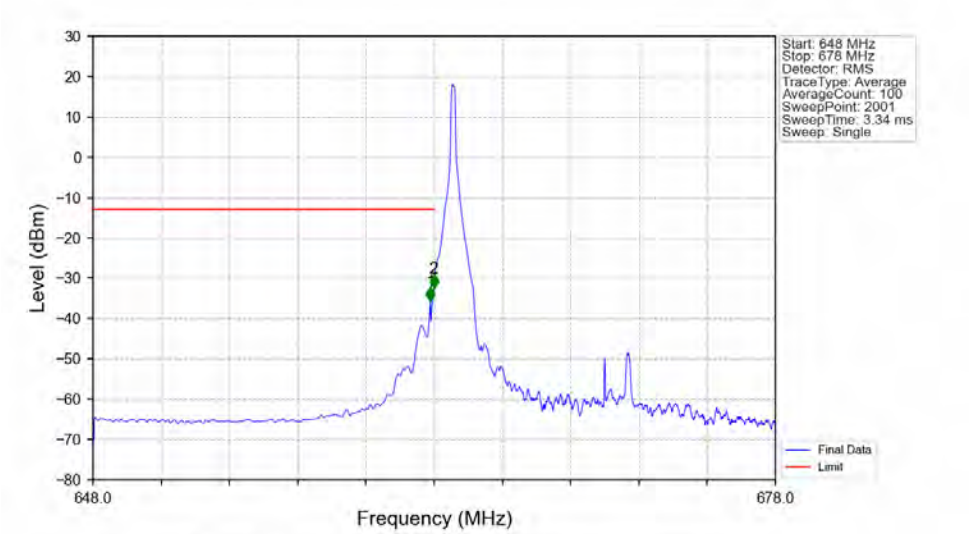
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.008	-33.14	-13	Pass
698.1	708	0.1	CHP	2	698.158	-29.80	-13	Pass

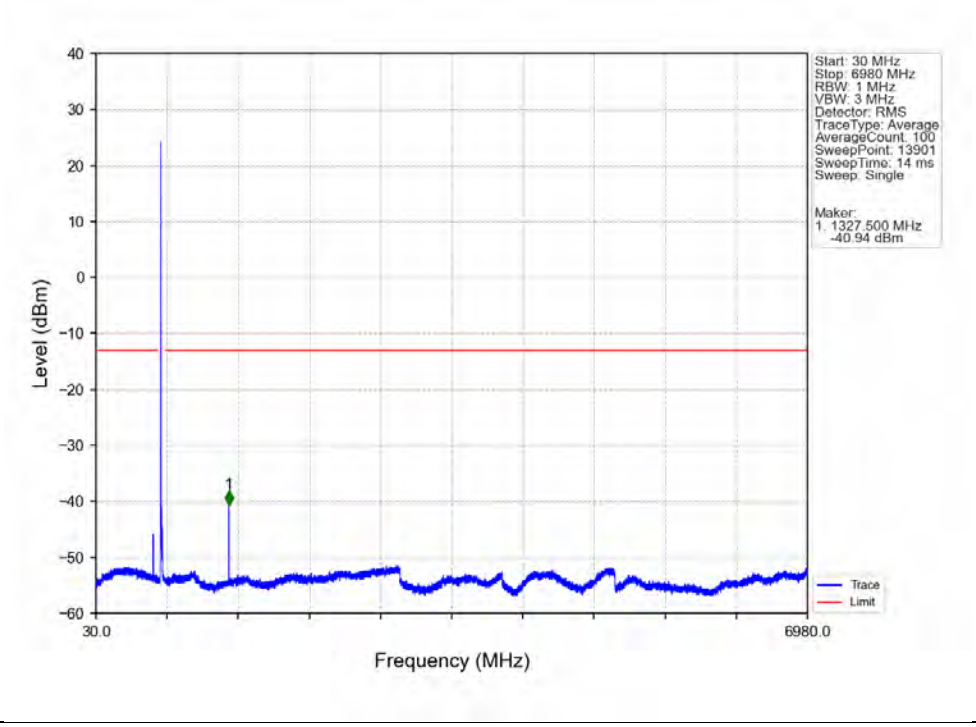
5.2.3 B71_15MHz

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

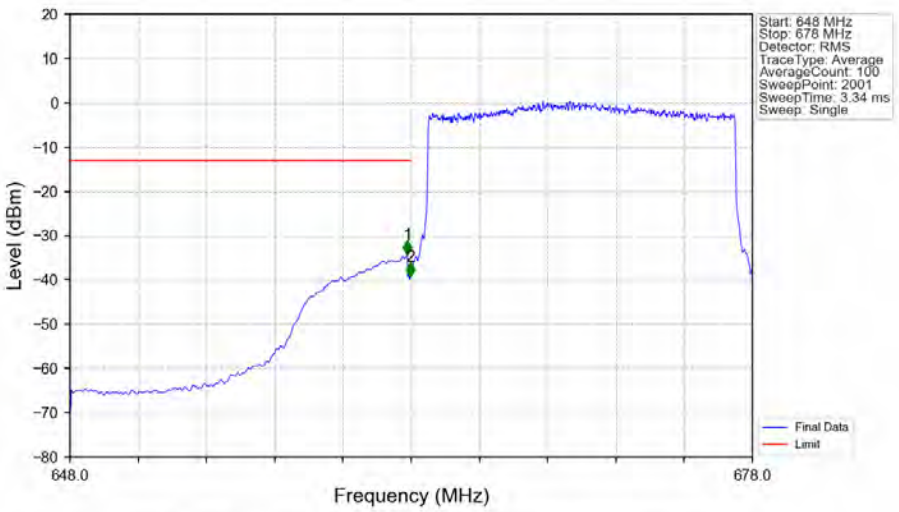


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	662.835	-35.72	-13	Pass
662.9	663	0.03	/	2	662.985	-32.37	-13	Pass
663	678	0.03	/	/	/	/	/	/

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

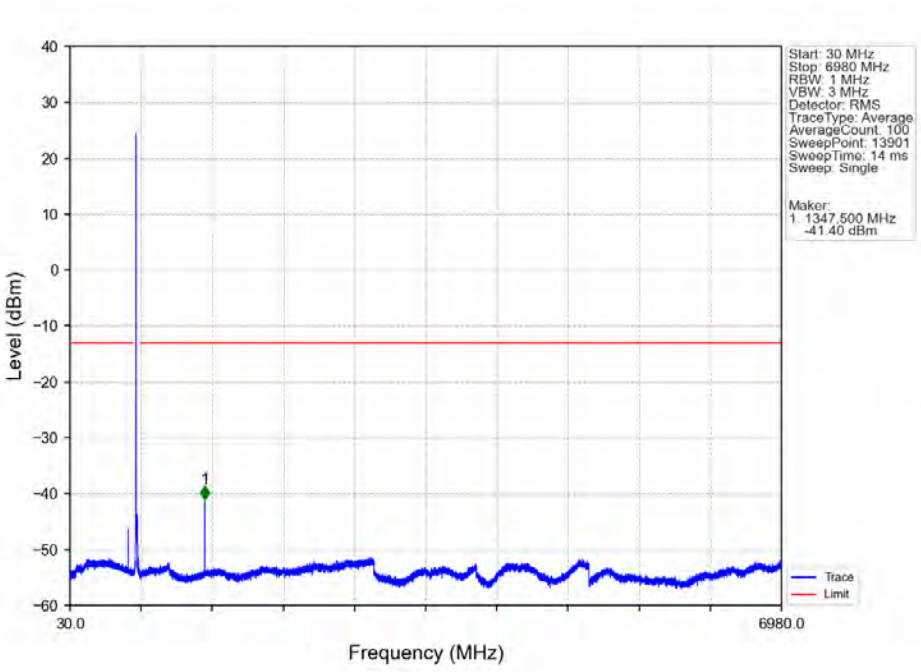


Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV

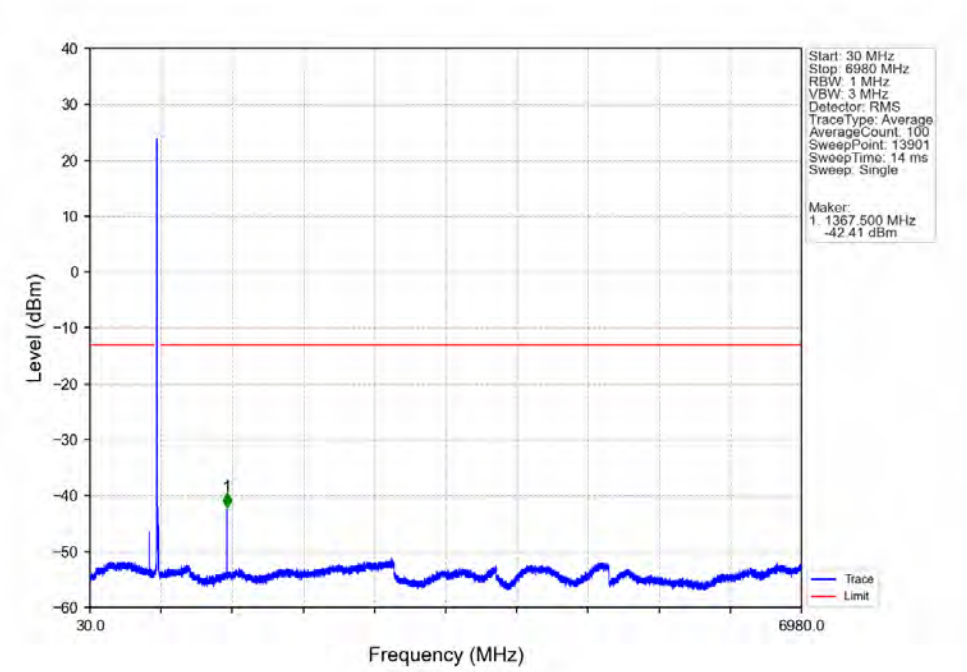


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	662.835	-34.19	-13	Pass
662.9	663	0.03	/	2	662.955	-39.06	-13	Pass
663	678	0.03	/	/	/	/	/	/

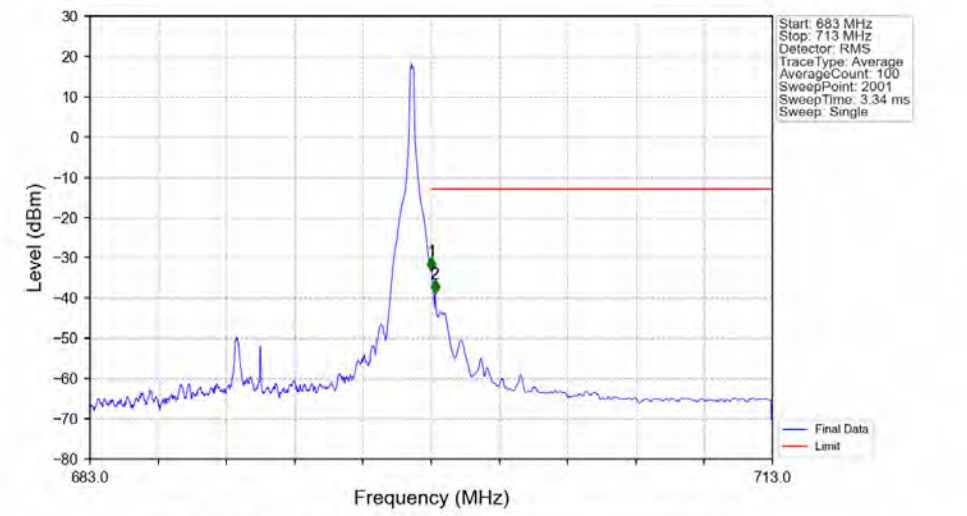
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV

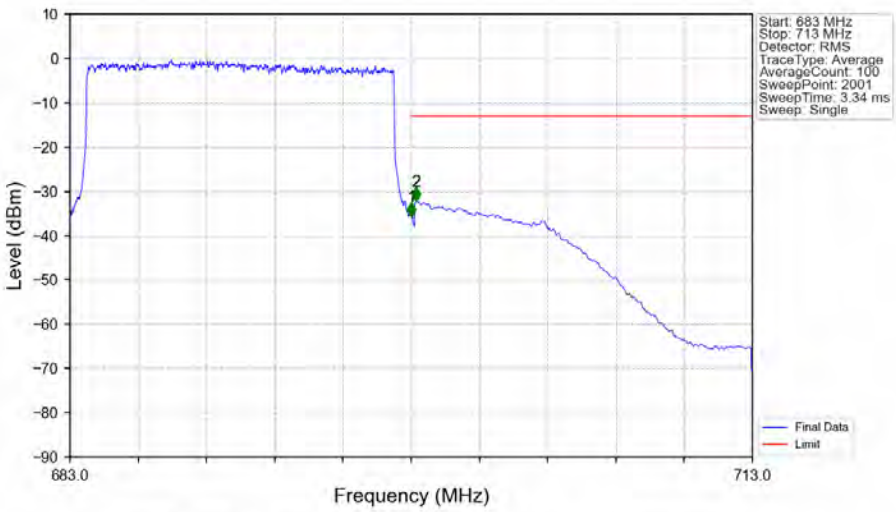


Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.015	-33.25	-13	Pass
698.1	713	0.1	CHP	2	698.165	-38.86	-13	Pass

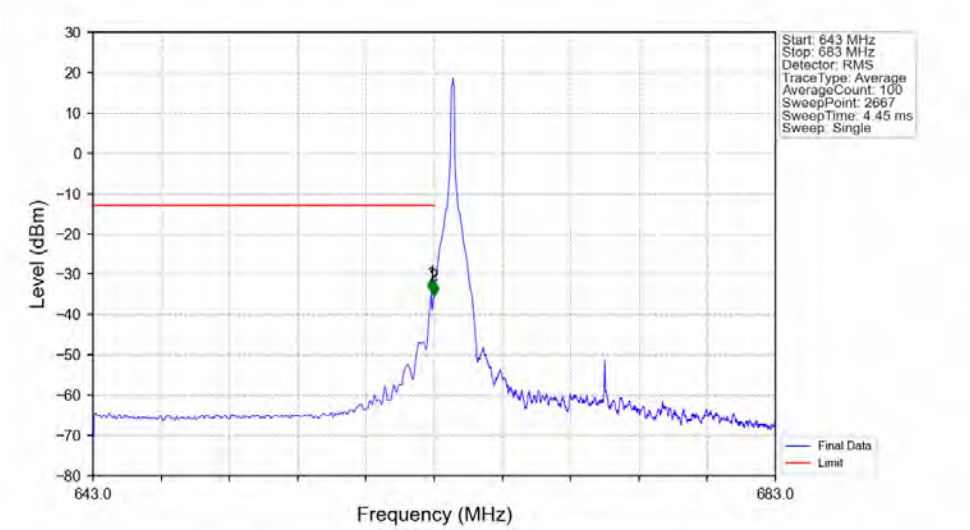
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.015	-35.74	-13	Pass
698.1	713	0.1	CHP	2	698.210	-32.28	-13	Pass

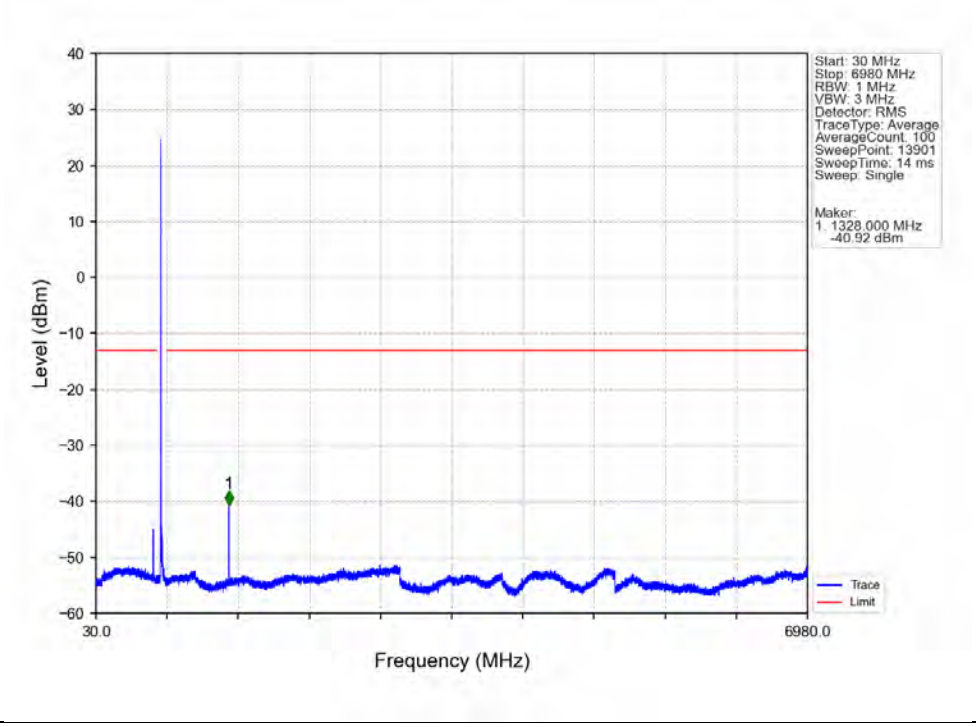
5.2.4 B71_20MHz

Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV

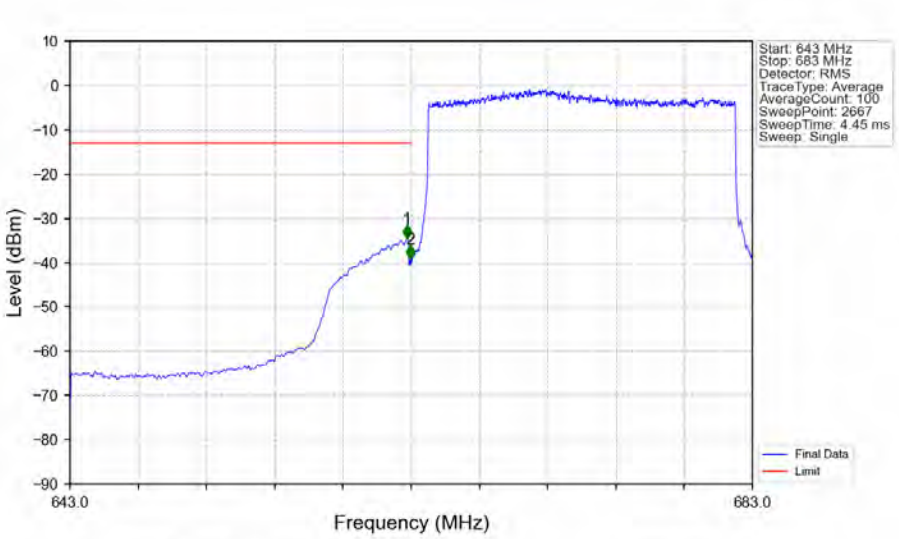


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.850	-34.44	-13	Pass
662.9	663	0.03	/	2	662.985	-35.28	-13	Pass
663	683	0.03	/	/	/	/	/	/

Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV

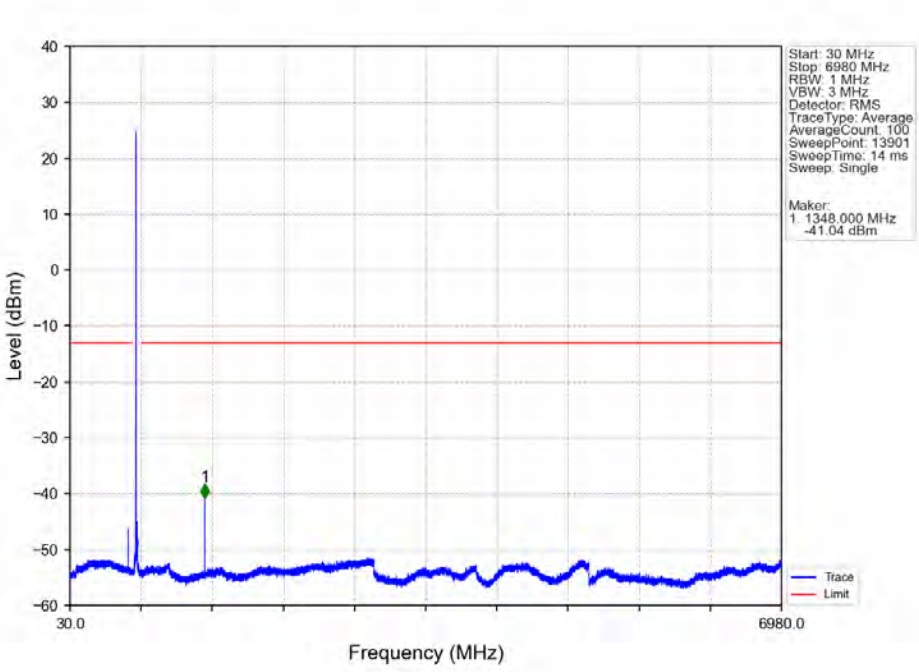


Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV

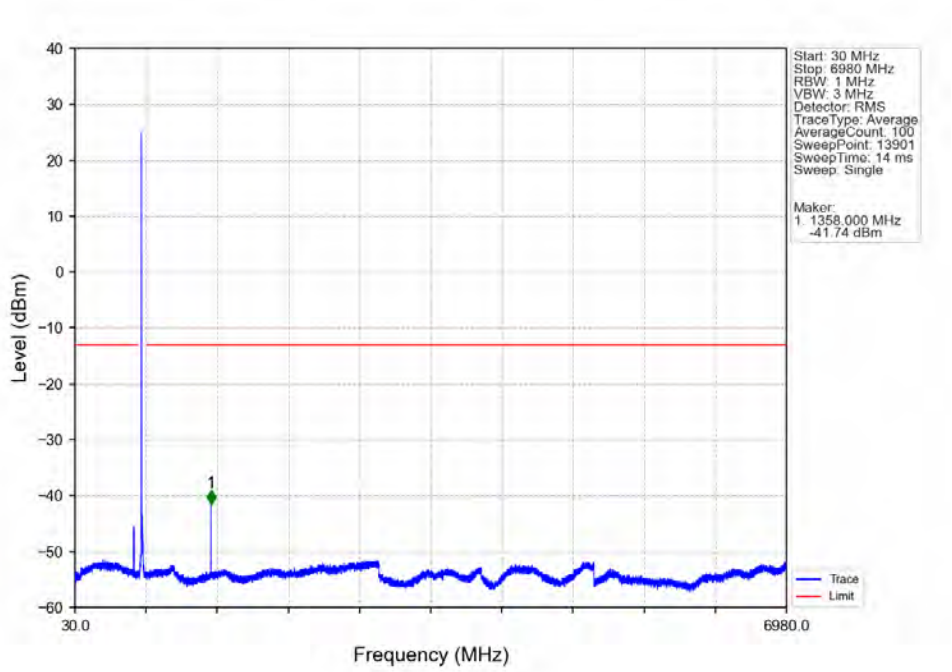


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.745	-34.65	-13	Pass
662.9	663	0.03	/	2	662.940	-39.18	-13	Pass
663	683	0.03	/	/	/	/	/	/

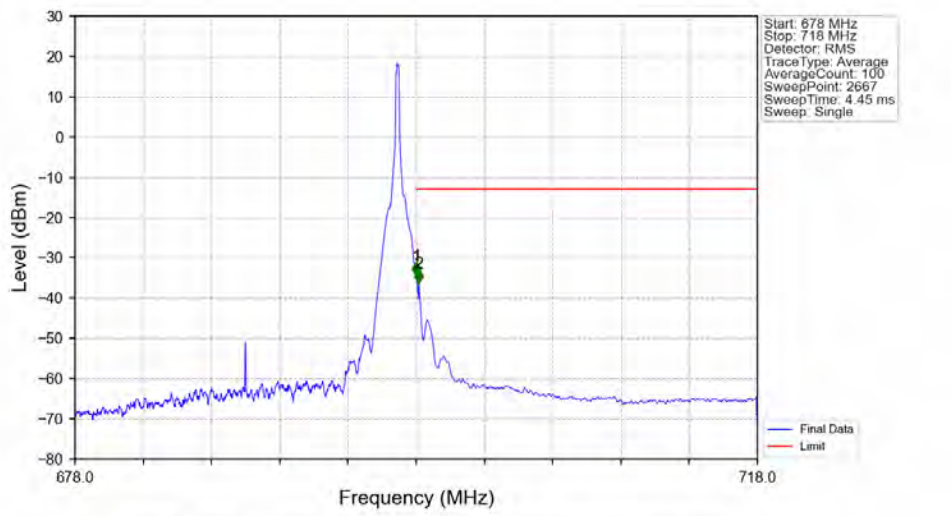
Band71_20MHz_QPSK_MCH_683MHz_RB_1_0_NTNV



Band71_20MHz_QPSK_HCH_688MHz_RB_1_0_NTNV

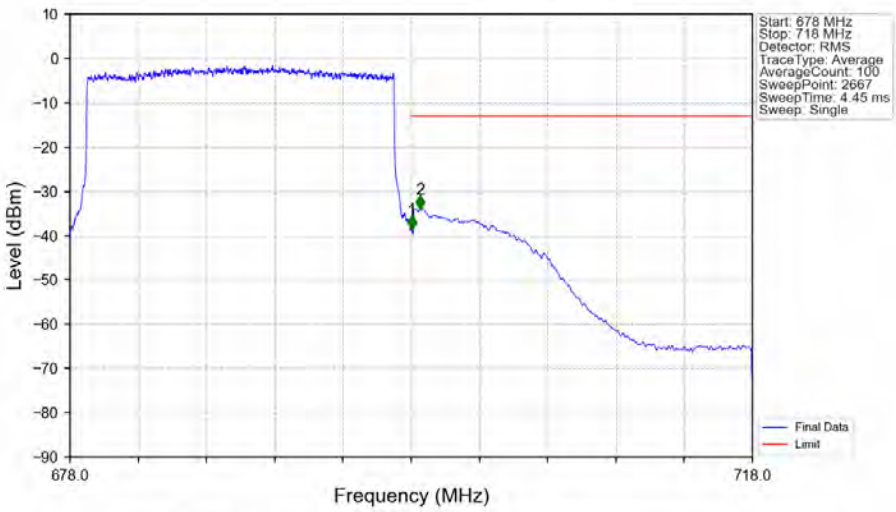


Band71_20MHz_QPSK_HCH_688MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.015	-34.46	-13	Pass
698.1	718	0.1	CHP	2	698.150	-36.32	-13	Pass

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	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.045	-38.65	-13	Pass
698.1	718	0.1	CHP	2	698.540	-33.96	-13	Pass