

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	23.15	0.77	21.77	<=34.77	Pass
			13	23.04	0.77	21.66	<=34.77	Pass
			24	22.78	0.77	21.40	<=34.77	Pass
		12	0	21.96	0.77	20.58	<=34.77	Pass
			6	21.94	0.77	20.56	<=34.77	Pass
			13	21.83	0.77	20.45	<=34.77	Pass
		25	0	21.86	0.77	20.48	<=34.77	Pass
	680.5	1	0	23.20	0.77	21.82	<=34.77	Pass
			13	23.30	0.77	21.92	<=34.77	Pass
			24	22.76	0.77	21.38	<=34.77	Pass
		12	0	22.06	0.77	20.68	<=34.77	Pass
			6	21.98	0.77	20.60	<=34.77	Pass
			13	21.94	0.77	20.56	<=34.77	Pass
		25	0	21.99	0.77	20.61	<=34.77	Pass
	695.5	1	0	23.30	0.77	21.92	<=34.77	Pass
			13	23.34	0.77	21.96	<=34.77	Pass
			24	23.17	0.77	21.79	<=34.77	Pass
		12	0	22.39	0.77	21.01	<=34.77	Pass
			6	22.27	0.77	20.89	<=34.77	Pass
			13	22.16	0.77	20.78	<=34.77	Pass
		25	0	22.24	0.77	20.86	<=34.77	Pass
16QAM	665.5	1	0	21.43	0.77	20.05	<=34.77	Pass
			13	21.62	0.77	20.24	<=34.77	Pass
			24	21.35	0.77	19.97	<=34.77	Pass
		12	0	20.89	0.77	19.51	<=34.77	Pass
			6	20.94	0.77	19.56	<=34.77	Pass
			13	20.84	0.77	19.46	<=34.77	Pass
		25	0	20.63	0.77	19.25	<=34.77	Pass
	680.5	1	0	21.24	0.77	19.86	<=34.77	Pass
			13	21.79	0.77	20.41	<=34.77	Pass
			24	21.16	0.77	19.78	<=34.77	Pass
		12	0	21.11	0.77	19.73	<=34.77	Pass
			6	21.15	0.77	19.77	<=34.77	Pass
			13	20.86	0.77	19.48	<=34.77	Pass
		25	0	20.89	0.77	19.51	<=34.77	Pass
	695.5	1	0	22.57	0.77	21.19	<=34.77	Pass
			13	22.20	0.77	20.82	<=34.77	Pass
			24	21.76	0.77	20.38	<=34.77	Pass
		12	0	21.34	0.77	19.96	<=34.77	Pass
			6	21.39	0.77	20.01	<=34.77	Pass
			13	21.19	0.77	19.81	<=34.77	Pass
		25	0	21.19	0.77	19.81	<=34.77	Pass
64QAM	665.5	1	0	21.34	0.77	19.96	<=34.77	Pass
			13	21.48	0.77	20.10	<=34.77	Pass
			24	21.22	0.77	19.84	<=34.77	Pass
		12	0	20.65	0.77	19.27	<=34.77	Pass
			6	20.99	0.77	19.61	<=34.77	Pass
			13	20.97	0.77	19.59	<=34.77	Pass
		25	0	21.00	0.77	19.62	<=34.77	Pass

	680.5	1	0	21.58	0.77	20.20	<=34.77	Pass
			13	21.68	0.77	20.30	<=34.77	Pass
			24	21.29	0.77	19.91	<=34.77	Pass
		12	0	20.87	0.77	19.49	<=34.77	Pass
			6	21.00	0.77	19.62	<=34.77	Pass
			13	20.71	0.77	19.33	<=34.77	Pass
		25	0	21.02	0.77	19.64	<=34.77	Pass
	695.5	1	0	21.77	0.77	20.39	<=34.77	Pass
			13	21.93	0.77	20.55	<=34.77	Pass
			24	21.53	0.77	20.15	<=34.77	Pass
		12	0	21.44	0.77	20.06	<=34.77	Pass
			6	21.40	0.77	20.02	<=34.77	Pass
			13	21.06	0.77	19.68	<=34.77	Pass
		25	0	21.32	0.77	19.94	<=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	22.84	0.77	21.46	<=34.77	Pass
			25	23.13	0.77	21.75	<=34.77	Pass
			49	22.99	0.77	21.61	<=34.77	Pass
		25	0	21.91	0.77	20.53	<=34.77	Pass
			13	21.92	0.77	20.54	<=34.77	Pass
			25	21.89	0.77	20.51	<=34.77	Pass
		50	0	21.90	0.77	20.52	<=34.77	Pass
	680.5	1	0	22.94	0.77	21.56	<=34.77	Pass
			25	23.32	0.77	21.94	<=34.77	Pass
			49	23.69	0.77	22.31	<=34.77	Pass
		25	0	22.05	0.77	20.67	<=34.77	Pass
			13	21.99	0.77	20.61	<=34.77	Pass
			25	21.97	0.77	20.59	<=34.77	Pass
		50	0	22.06	0.77	20.68	<=34.77	Pass
	693	1	0	23.11	0.77	21.73	<=34.77	Pass
			25	23.83	0.77	22.45	<=34.77	Pass
			49	23.22	0.77	21.84	<=34.77	Pass
		25	0	22.37	0.77	20.99	<=34.77	Pass
			13	22.34	0.77	20.96	<=34.77	Pass
			25	22.18	0.77	20.80	<=34.77	Pass
		50	0	22.33	0.77	20.95	<=34.77	Pass
16QAM	668	1	0	21.44	0.77	20.06	<=34.77	Pass
			25	21.82	0.77	20.44	<=34.77	Pass
			49	21.57	0.77	20.19	<=34.77	Pass
		25	0	20.88	0.77	19.50	<=34.77	Pass
			13	20.89	0.77	19.51	<=34.77	Pass
			25	20.88	0.77	19.50	<=34.77	Pass
		50	0	20.79	0.77	19.41	<=34.77	Pass
	680.5	1	0	21.60	0.77	20.22	<=34.77	Pass
			25	21.92	0.77	20.54	<=34.77	Pass
			49	21.76	0.77	20.38	<=34.77	Pass
		25	0	21.15	0.77	19.77	<=34.77	Pass
			13	21.08	0.77	19.70	<=34.77	Pass
			25	20.98	0.77	19.60	<=34.77	Pass
		50	0	21.16	0.77	19.78	<=34.77	Pass
	693	1	0	22.03	0.77	20.65	<=34.77	Pass

			25	22.13	0.77	20.75	<=34.77	Pass		
			49	21.67	0.77	20.29	<=34.77	Pass		
		25	0	21.38	0.77	20.00	<=34.77	Pass		
			13	21.46	0.77	20.08	<=34.77	Pass		
			25	21.28	0.77	19.90	<=34.77	Pass		
		50	0	21.34	0.77	19.96	<=34.77	Pass		
64QAM	668	1	0	21.30	0.77	19.92	<=34.77	Pass		
			25	21.71	0.77	20.33	<=34.77	Pass		
			49	20.88	0.77	19.50	<=34.77	Pass		
		25	0	20.82	0.77	19.44	<=34.77	Pass		
			13	21.03	0.77	19.65	<=34.77	Pass		
			25	20.82	0.77	19.44	<=34.77	Pass		
		50	0	20.84	0.77	19.46	<=34.77	Pass		
		680.5	1	0	21.48	0.77	20.10	<=34.77	Pass	
				25	21.63	0.77	20.25	<=34.77	Pass	
	49			21.57	0.77	20.19	<=34.77	Pass		
	25		0	21.20	0.77	19.82	<=34.77	Pass		
			13	21.15	0.77	19.77	<=34.77	Pass		
			25	21.07	0.77	19.69	<=34.77	Pass		
	50		0	21.13	0.77	19.75	<=34.77	Pass		
	693		1	0	21.79	0.77	20.41	<=34.77	Pass	
				25	22.11	0.77	20.73	<=34.77	Pass	
		49		21.65	0.77	20.27	<=34.77	Pass		
		25	0	21.47	0.77	20.09	<=34.77	Pass		
			13	21.47	0.77	20.09	<=34.77	Pass		
			25	21.21	0.77	19.83	<=34.77	Pass		
		50	0	21.33	0.77	19.95	<=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	23.04	0.77	21.66	<=34.77	Pass
			38	23.21	0.77	21.83	<=34.77	Pass
			74	23.06	0.77	21.68	<=34.77	Pass
		36	0	21.94	0.77	20.56	<=34.77	Pass
			18	21.93	0.77	20.55	<=34.77	Pass
			39	21.92	0.77	20.54	<=34.77	Pass
		75	0	21.93	0.77	20.55	<=34.77	Pass
			0	23.08	0.77	21.70	<=34.77	Pass
			38	23.28	0.77	21.90	<=34.77	Pass
	680.5	1	74	23.28	0.77	21.90	<=34.77	Pass
			0	22.08	0.77	20.70	<=34.77	Pass
			18	21.94	0.77	20.56	<=34.77	Pass
		36	39	22.01	0.77	20.63	<=34.77	Pass
			0	21.94	0.77	20.56	<=34.77	Pass
			0	23.19	0.77	21.81	<=34.77	Pass
		1	38	23.55	0.77	22.17	<=34.77	Pass
			74	23.20	0.77	21.82	<=34.77	Pass
			0	22.35	0.77	20.97	<=34.77	Pass
	690.5	36	18	22.36	0.77	20.98	<=34.77	Pass
			39	22.20	0.77	20.82	<=34.77	Pass
			0	22.32	0.77	20.94	<=34.77	Pass
16QAM	670.5	1	0	21.53	0.77	20.15	<=34.77	Pass
			38	21.65	0.77	20.27	<=34.77	Pass

		36	74	21.47	0.77	20.09	<=34.77	Pass
			0	20.85	0.77	19.47	<=34.77	Pass
				18	20.94	0.77	19.56	<=34.77
			39	20.86	0.77	19.48	<=34.77	Pass
		75	0	21.06	0.77	19.68	<=34.77	Pass
	680.5	1	0	21.69	0.77	20.31	<=34.77	Pass
			38	21.75	0.77	20.37	<=34.77	Pass
			74	21.80	0.77	20.42	<=34.77	Pass
		36	0	21.05	0.77	19.67	<=34.77	Pass
			18	20.99	0.77	19.61	<=34.77	Pass
			39	20.98	0.77	19.60	<=34.77	Pass
		75	0	21.02	0.77	19.64	<=34.77	Pass
		690.5	1	0	21.57	0.77	20.19	<=34.77
	38			21.92	0.77	20.54	<=34.77	Pass
	74			21.61	0.77	20.23	<=34.77	Pass
	36		0	21.07	0.77	19.69	<=34.77	Pass
			18	21.36	0.77	19.98	<=34.77	Pass
			39	21.32	0.77	19.94	<=34.77	Pass
	75		0	21.22	0.77	19.84	<=34.77	Pass
	64QAM	670.5	1	0	21.16	0.77	19.78	<=34.77
38				21.56	0.77	20.18	<=34.77	Pass
74				21.46	0.77	20.08	<=34.77	Pass
36			0	20.92	0.77	19.54	<=34.77	Pass
			18	21.06	0.77	19.68	<=34.77	Pass
			39	20.74	0.77	19.36	<=34.77	Pass
75			0	20.94	0.77	19.56	<=34.77	Pass
680.5		1	0	21.54	0.77	20.16	<=34.77	Pass
			38	21.65	0.77	20.27	<=34.77	Pass
			74	21.68	0.77	20.30	<=34.77	Pass
		36	0	21.07	0.77	19.69	<=34.77	Pass
			18	20.94	0.77	19.56	<=34.77	Pass
39			21.13	0.77	19.75	<=34.77	Pass	
75		0	21.14	0.77	19.76	<=34.77	Pass	
690.5		1	0	21.71	0.77	20.33	<=34.77	Pass
			38	21.99	0.77	20.61	<=34.77	Pass
			74	21.20	0.77	19.82	<=34.77	Pass
		36	0	21.34	0.77	19.96	<=34.77	Pass
			18	21.34	0.77	19.96	<=34.77	Pass
			39	21.28	0.77	19.90	<=34.77	Pass
	75	0	21.41	0.77	20.03	<=34.77	Pass	
	Note1: ERP=Conducted Power+Antenna Gain-2.15							

1.1.4 B71_20MHz_ERP

Band: 71 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	673	1	0	22.95	0.77	21.57	<=34.77	Pass
			50	23.35	0.77	21.97	<=34.77	Pass
			99	22.99	0.77	21.61	<=34.77	Pass
		50	0	21.98	0.77	20.60	<=34.77	Pass
			25	21.97	0.77	20.59	<=34.77	Pass
			50	21.94	0.77	20.56	<=34.77	Pass
	683	100	0	21.90	0.77	20.52	<=34.77	Pass
			0	22.99	0.77	21.61	<=34.77	Pass
			50	23.33	0.77	21.95	<=34.77	Pass
			99	23.26	0.77	21.88	<=34.77	Pass

		50	0	22.00	0.77	20.62	<=34.77	Pass			
			25	22.09	0.77	20.71	<=34.77	Pass			
			50	22.11	0.77	20.73	<=34.77	Pass			
		688	100	0	22.03	0.77	20.65	<=34.77	Pass		
				1	0	23.02	0.77	21.64	<=34.77	Pass	
					50	23.63	0.77	22.25	<=34.77	Pass	
			99		23.24	0.77	21.86	<=34.77	Pass		
			50	0	22.21	0.77	20.83	<=34.77	Pass		
				25	22.24	0.77	20.86	<=34.77	Pass		
				50	22.18	0.77	20.80	<=34.77	Pass		
			100	0	22.22	0.77	20.84	<=34.77	Pass		
			16QAM	673	1	0	21.47	0.77	20.09	<=34.77	Pass
50	21.83	0.77				20.45	<=34.77	Pass			
99	21.32	0.77				19.94	<=34.77	Pass			
50	0	21.08			0.77	19.70	<=34.77	Pass			
	25	21.05			0.77	19.67	<=34.77	Pass			
	50	20.98			0.77	19.60	<=34.77	Pass			
	100	0			20.82	0.77	19.44	<=34.77	Pass		
	683	1			0	21.61	0.77	20.23	<=34.77	Pass	
					50	21.94	0.77	20.56	<=34.77	Pass	
99				21.80	0.77	20.42	<=34.77	Pass			
50		0		21.09	0.77	19.71	<=34.77	Pass			
		25		21.26	0.77	19.88	<=34.77	Pass			
		50		21.18	0.77	19.80	<=34.77	Pass			
100	0	21.18		0.77	19.80	<=34.77	Pass				
688	1	0		21.69	0.77	20.31	<=34.77	Pass			
		50		21.92	0.77	20.54	<=34.77	Pass			
		99		21.74	0.77	20.36	<=34.77	Pass			
	50	0		21.26	0.77	19.88	<=34.77	Pass			
		25		21.33	0.77	19.95	<=34.77	Pass			
		50		21.19	0.77	19.81	<=34.77	Pass			
		100		0	21.19	0.77	19.81	<=34.77	Pass		
		64QAM		673	1	0	20.79	0.77	19.41	<=34.77	Pass
						50	21.61	0.77	20.23	<=34.77	Pass
99	21.02					0.77	19.64	<=34.77	Pass		
50	0		20.97		0.77	19.59	<=34.77	Pass			
	25		21.02		0.77	19.64	<=34.77	Pass			
	50		20.94		0.77	19.56	<=34.77	Pass			
	100		0		20.98	0.77	19.60	<=34.77	Pass		
	683		1		0	21.34	0.77	19.96	<=34.77	Pass	
					50	21.96	0.77	20.58	<=34.77	Pass	
99				21.64	0.77	20.26	<=34.77	Pass			
50			0	21.03	0.77	19.65	<=34.77	Pass			
			25	21.20	0.77	19.82	<=34.77	Pass			
		50	21.22	0.77	19.84	<=34.77	Pass				
100	0	21.25	0.77	19.87	<=34.77	Pass					
688	1	0	21.56	0.77	20.18	<=34.77	Pass				
		50	22.25	0.77	20.87	<=34.77	Pass				
		99	21.33	0.77	19.95	<=34.77	Pass				
	50	0	21.16	0.77	19.78	<=34.77	Pass				
		25	21.34	0.77	19.96	<=34.77	Pass				
		50	21.35	0.77	19.97	<=34.77	Pass				
	100	0	21.28	0.77	19.90	<=34.77	Pass				
	Note1: ERP=Conducted Power+Antenna Gain-2.15										

2. Frequency Stability

2.1 Test Result

2.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	665.5	25	0	20	20.4	2.300	0.0035	-2.5 to 2.5	Pass
					24	5.100	0.0077	-2.5 to 2.5	Pass
					27.6	2.500	0.0038	-2.5 to 2.5	Pass
				-30	24	1.300	0.0020	-2.5 to 2.5	Pass
				-20	24	2.800	0.0042	-2.5 to 2.5	Pass
				-10	24	3.800	0.0057	-2.5 to 2.5	Pass
				0	24	4.600	0.0069	-2.5 to 2.5	Pass
				10	24	2.700	0.0041	-2.5 to 2.5	Pass
				30	24	4.500	0.0068	-2.5 to 2.5	Pass
				40	24	3.500	0.0053	-2.5 to 2.5	Pass
				50	24	3.300	0.0050	-2.5 to 2.5	Pass
	680.5	25	0	20	20.4	0.400	0.0006	-2.5 to 2.5	Pass
					24	3.300	0.0048	-2.5 to 2.5	Pass
					27.6	2.400	0.0035	-2.5 to 2.5	Pass
				-30	24	2.600	0.0038	-2.5 to 2.5	Pass
				-20	24	1.200	0.0018	-2.5 to 2.5	Pass
				-10	24	-1.500	-0.0022	-2.5 to 2.5	Pass
				0	24	2.400	0.0035	-2.5 to 2.5	Pass
				10	24	-1.600	-0.0024	-2.5 to 2.5	Pass
				30	24	-0.700	-0.0010	-2.5 to 2.5	Pass
				40	24	1.900	0.0028	-2.5 to 2.5	Pass
				50	24	-0.600	-0.0009	-2.5 to 2.5	Pass
	695.5	25	0	20	20.4	0.100	0.0001	-2.5 to 2.5	Pass
					24	0.400	0.0006	-2.5 to 2.5	Pass
					27.6	3.400	0.0049	-2.5 to 2.5	Pass
				-30	24	2.100	0.0030	-2.5 to 2.5	Pass
				-20	24	0.600	0.0009	-2.5 to 2.5	Pass
				-10	24	0.600	0.0009	-2.5 to 2.5	Pass
				0	24	2.400	0.0035	-2.5 to 2.5	Pass
				10	24	0.200	0.0003	-2.5 to 2.5	Pass
				30	24	-0.200	-0.0003	-2.5 to 2.5	Pass
				40	24	1.600	0.0023	-2.5 to 2.5	Pass
				50	24	0.300	0.0004	-2.5 to 2.5	Pass

2.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	668	50	0	20	20.4	-1.100	-0.0016	-2.5 to 2.5	Pass
					24	2.400	0.0036	-2.5 to 2.5	Pass
					27.6	1.400	0.0021	-2.5 to 2.5	Pass
				-30	24	1.500	0.0022	-2.5 to 2.5	Pass
				-20	24	0.600	0.0009	-2.5 to 2.5	Pass
				-10	24	1.500	0.0022	-2.5 to 2.5	Pass
				0	24	1.200	0.0018	-2.5 to 2.5	Pass
				10	24	0.700	0.0010	-2.5 to 2.5	Pass

				30	24	1.200	0.0018	-2.5 to 2.5	Pass
				40	24	-1.200	-0.0018	-2.5 to 2.5	Pass
				50	24	1.600	0.0024	-2.5 to 2.5	Pass
	680.5	50	0	20	20.4	-0.400	-0.0006	-2.5 to 2.5	Pass
					24	1.200	0.0018	-2.5 to 2.5	Pass
					27.6	2.200	0.0032	-2.5 to 2.5	Pass
				-30	24	2.300	0.0034	-2.5 to 2.5	Pass
				-20	24	3.300	0.0048	-2.5 to 2.5	Pass
				-10	24	0.300	0.0004	-2.5 to 2.5	Pass
				0	24	0.800	0.0012	-2.5 to 2.5	Pass
				10	24	-0.200	-0.0003	-2.5 to 2.5	Pass
				30	24	1.000	0.0015	-2.5 to 2.5	Pass
				40	24	0.300	0.0004	-2.5 to 2.5	Pass
				50	24	1.700	0.0025	-2.5 to 2.5	Pass
	693	50	0	20	20.4	0.100	0.0001	-2.5 to 2.5	Pass
					24	1.300	0.0019	-2.5 to 2.5	Pass
					27.6	0.800	0.0012	-2.5 to 2.5	Pass
				-30	24	-1.500	-0.0022	-2.5 to 2.5	Pass
				-20	24	0.200	0.0003	-2.5 to 2.5	Pass
				-10	24	-0.800	-0.0012	-2.5 to 2.5	Pass
				0	24	-2.100	-0.0030	-2.5 to 2.5	Pass
				10	24	0.100	0.0001	-2.5 to 2.5	Pass
				30	24	-0.200	-0.0003	-2.5 to 2.5	Pass
				40	24	0.600	0.0009	-2.5 to 2.5	Pass
				50	24	0.100	0.0001	-2.5 to 2.5	Pass

2.1.3 B71_15MHz

Band: 71 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	670.5	75	0	20	20.4	1.300	0.0019	-2.5 to 2.5	Pass
					24	-2.000	-0.0030	-2.5 to 2.5	Pass
					27.6	0.300	0.0004	-2.5 to 2.5	Pass
				-30	24	-1.300	-0.0019	-2.5 to 2.5	Pass
				-20	24	1.400	0.0021	-2.5 to 2.5	Pass
				-10	24	2.500	0.0037	-2.5 to 2.5	Pass
				0	24	0.300	0.0004	-2.5 to 2.5	Pass
				10	24	0.200	0.0003	-2.5 to 2.5	Pass
				30	24	1.100	0.0016	-2.5 to 2.5	Pass
				40	24	0.300	0.0004	-2.5 to 2.5	Pass
				50	24	0.900	0.0013	-2.5 to 2.5	Pass
	680.5	75	0	20	20.4	2.000	0.0029	-2.5 to 2.5	Pass
					24	1.200	0.0018	-2.5 to 2.5	Pass
					27.6	2.100	0.0031	-2.5 to 2.5	Pass
				-30	24	-0.100	-0.0001	-2.5 to 2.5	Pass
				-20	24	-0.500	-0.0007	-2.5 to 2.5	Pass
				-10	24	1.400	0.0021	-2.5 to 2.5	Pass
				0	24	0.400	0.0006	-2.5 to 2.5	Pass
				10	24	-0.300	-0.0004	-2.5 to 2.5	Pass
				30	24	1.600	0.0024	-2.5 to 2.5	Pass
				40	24	-0.600	-0.0009	-2.5 to 2.5	Pass
				50	24	1.800	0.0026	-2.5 to 2.5	Pass
	690.5	75	0	20	20.4	2.500	0.0036	-2.5 to 2.5	Pass
					24	1.200	0.0017	-2.5 to 2.5	Pass
					27.6	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	24	1.300	0.0019	-2.5 to 2.5	Pass

				-20	24	-0.500	-0.0007	-2.5 to 2.5	Pass
				-10	24	-1.000	-0.0014	-2.5 to 2.5	Pass
				0	24	1.100	0.0016	-2.5 to 2.5	Pass
				10	24	1.100	0.0016	-2.5 to 2.5	Pass
				30	24	0.300	0.0004	-2.5 to 2.5	Pass
				40	24	1.000	0.0014	-2.5 to 2.5	Pass
				50	24	1.000	0.0014	-2.5 to 2.5	Pass

2.1.4 B71_20MHz

Band: 71 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	673	100	0	20	20.4	0.600	0.0009	-2.5 to 2.5	Pass
					24	2.700	0.0040	-2.5 to 2.5	Pass
					27.6	0.200	0.0003	-2.5 to 2.5	Pass
				-30	24	-0.500	-0.0007	-2.5 to 2.5	Pass
				-20	24	-1.700	-0.0025	-2.5 to 2.5	Pass
				-10	24	0.500	0.0007	-2.5 to 2.5	Pass
				0	24	0.400	0.0006	-2.5 to 2.5	Pass
				10	24	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	24	-0.900	-0.0013	-2.5 to 2.5	Pass
				40	24	1.100	0.0016	-2.5 to 2.5	Pass
				50	24	0.700	0.0010	-2.5 to 2.5	Pass
	683	100	0	20	20.4	-2.500	-0.0037	-2.5 to 2.5	Pass
					24	-0.600	-0.0009	-2.5 to 2.5	Pass
					27.6	1.800	0.0026	-2.5 to 2.5	Pass
				-30	24	-0.300	-0.0004	-2.5 to 2.5	Pass
				-20	24	0.200	0.0003	-2.5 to 2.5	Pass
				-10	24	0.300	0.0004	-2.5 to 2.5	Pass
				0	24	0.100	0.0001	-2.5 to 2.5	Pass
				10	24	0.800	0.0012	-2.5 to 2.5	Pass
				30	24	1.300	0.0019	-2.5 to 2.5	Pass
				40	24	1.900	0.0028	-2.5 to 2.5	Pass
				50	24	0.100	0.0001	-2.5 to 2.5	Pass
	688	100	0	20	20.4	0.500	0.0007	-2.5 to 2.5	Pass
					24	1.400	0.0020	-2.5 to 2.5	Pass
					27.6	-0.200	-0.0003	-2.5 to 2.5	Pass
				-30	24	-0.200	-0.0003	-2.5 to 2.5	Pass
				-20	24	1.800	0.0026	-2.5 to 2.5	Pass
				-10	24	1.200	0.0017	-2.5 to 2.5	Pass
				0	24	2.100	0.0031	-2.5 to 2.5	Pass
				10	24	1.200	0.0017	-2.5 to 2.5	Pass
				30	24	-0.400	-0.0006	-2.5 to 2.5	Pass
				40	24	-0.300	-0.0004	-2.5 to 2.5	Pass
				50	24	2.000	0.0029	-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	4.503	/	Pass
		680.5	25	0	4.505	/	Pass
		695.5	25	0	4.503	/	Pass
	16QAM	665.5	25	0	4.493	/	Pass
		680.5	25	0	4.503	/	Pass
		695.5	25	0	4.496	/	Pass
	64QAM	665.5	25	0	4.494	/	Pass
		680.5	25	0	4.499	/	Pass
		695.5	25	0	4.497	/	Pass
10	QPSK	668	50	0	8.996	/	Pass
		680.5	50	0	9.015	/	Pass
		693	50	0	8.968	/	Pass
	16QAM	668	50	0	8.977	/	Pass
		680.5	50	0	8.975	/	Pass
		693	50	0	8.947	/	Pass
	64QAM	668	50	0	8.982	/	Pass
		680.5	50	0	8.993	/	Pass
		693	50	0	8.953	/	Pass
15	QPSK	670.5	75	0	13.463	/	Pass
		680.5	75	0	13.479	/	Pass
		690.5	75	0	13.428	/	Pass
	16QAM	670.5	75	0	13.438	/	Pass
		680.5	75	0	13.472	/	Pass
		690.5	75	0	13.419	/	Pass
	64QAM	670.5	75	0	13.448	/	Pass
		680.5	75	0	13.487	/	Pass
		690.5	75	0	13.420	/	Pass
20	QPSK	673	100	0	17.936	/	Pass
		683	100	0	18.027	/	Pass
		688	100	0	17.927	/	Pass
	16QAM	673	100	0	17.951	/	Pass
		683	100	0	18.010	/	Pass
		688	100	0	17.929	/	Pass
	64QAM	673	100	0	17.936	/	Pass
		683	100	0	18.023	/	Pass
		688	100	0	17.930	/	Pass

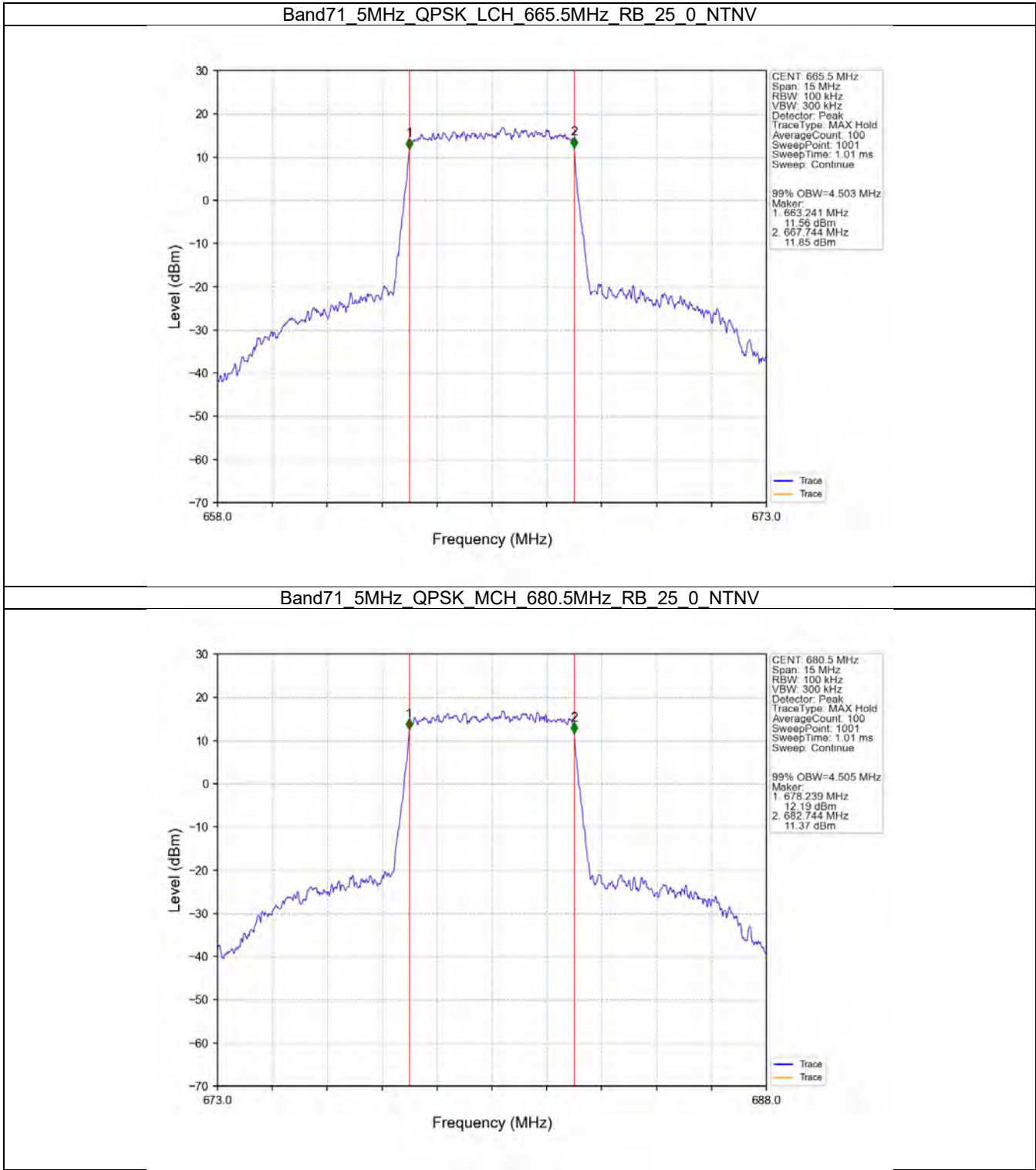
3.1.2 Band71_XDB

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	5.038	/	Pass
		680.5	25	0	5.020	/	Pass
		695.5	25	0	5.045	/	Pass

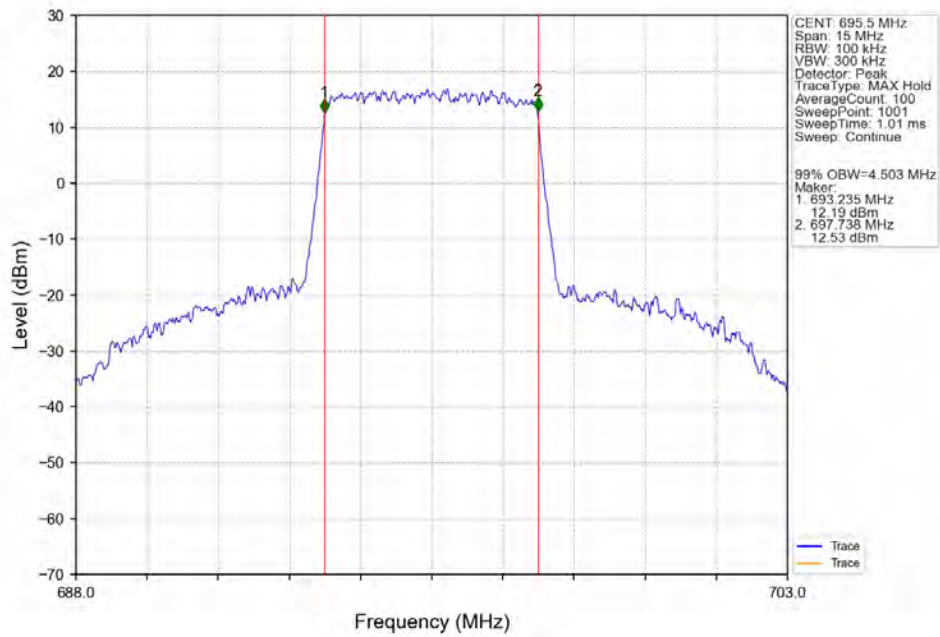
	16QAM	665.5	25	0	4.986	/	Pass
		680.5	25	0	5.022	/	Pass
		695.5	25	0	5.005	/	Pass
	64QAM	665.5	25	0	4.986	/	Pass
		680.5	25	0	4.975	/	Pass
		695.5	25	0	4.986	/	Pass
10	QPSK	668	50	0	9.875	/	Pass
		680.5	50	0	9.892	/	Pass
		693	50	0	9.862	/	Pass
	16QAM	668	50	0	9.807	/	Pass
		680.5	50	0	9.873	/	Pass
		693	50	0	9.747	/	Pass
	64QAM	668	50	0	9.840	/	Pass
		680.5	50	0	9.918	/	Pass
		693	50	0	9.870	/	Pass
15	QPSK	670.5	75	0	14.636	/	Pass
		680.5	75	0	14.752	/	Pass
		690.5	75	0	14.633	/	Pass
	16QAM	670.5	75	0	14.601	/	Pass
		680.5	75	0	14.630	/	Pass
		690.5	75	0	14.650	/	Pass
	64QAM	670.5	75	0	14.630	/	Pass
		680.5	75	0	14.734	/	Pass
		690.5	75	0	14.589	/	Pass
20	QPSK	673	100	0	19.527	/	Pass
		683	100	0	19.686	/	Pass
		688	100	0	19.539	/	Pass
	16QAM	673	100	0	19.615	/	Pass
		683	100	0	19.672	/	Pass
		688	100	0	19.484	/	Pass
	64QAM	673	100	0	19.589	/	Pass
		683	100	0	19.680	/	Pass
		688	100	0	19.511	/	Pass

3.2 Test Graph

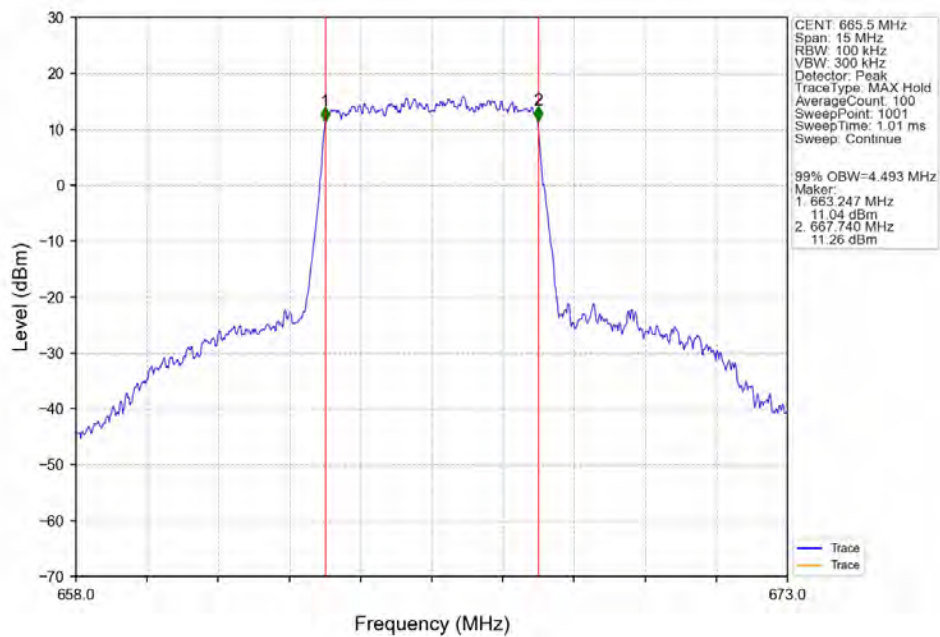
3.2.1 Band71_OBW



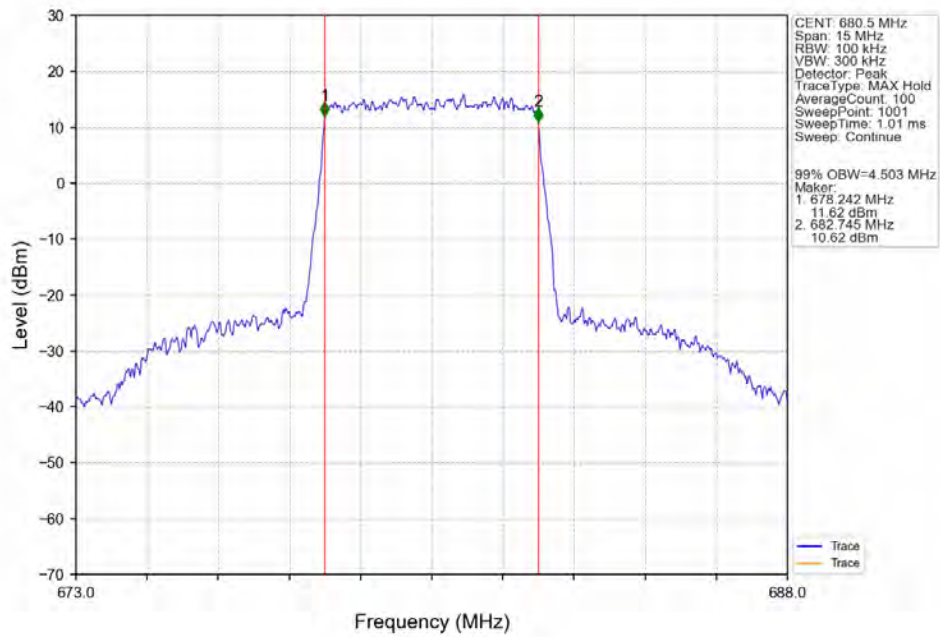
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



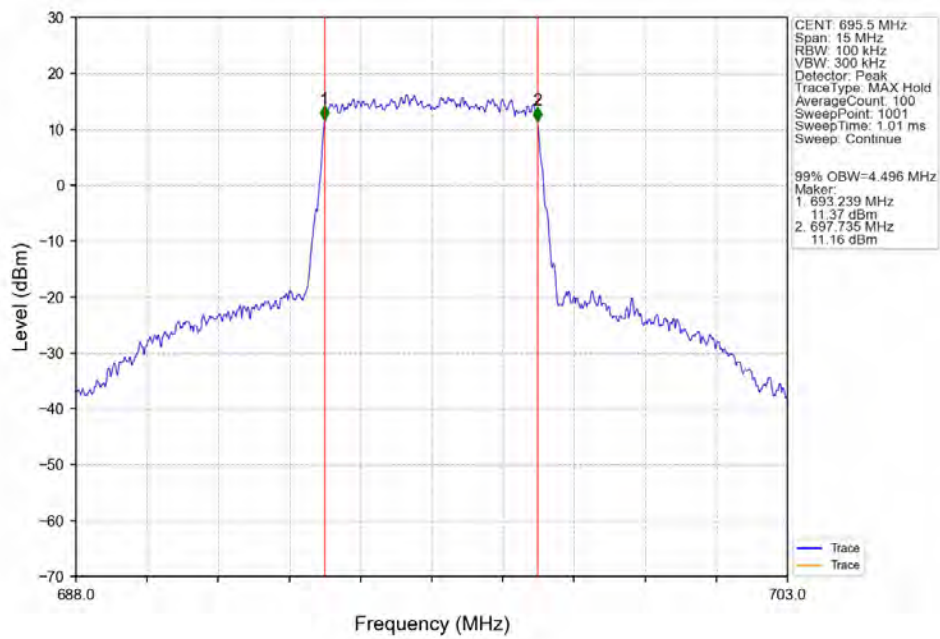
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



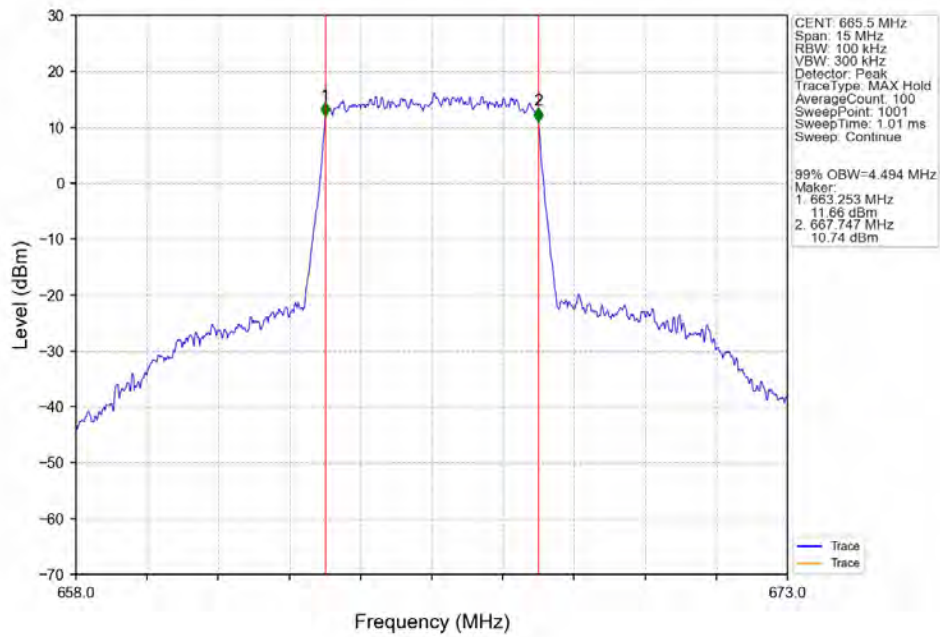
Band71 5MHz 16QAM MCH 680.5MHz RB 25 0 NTNV



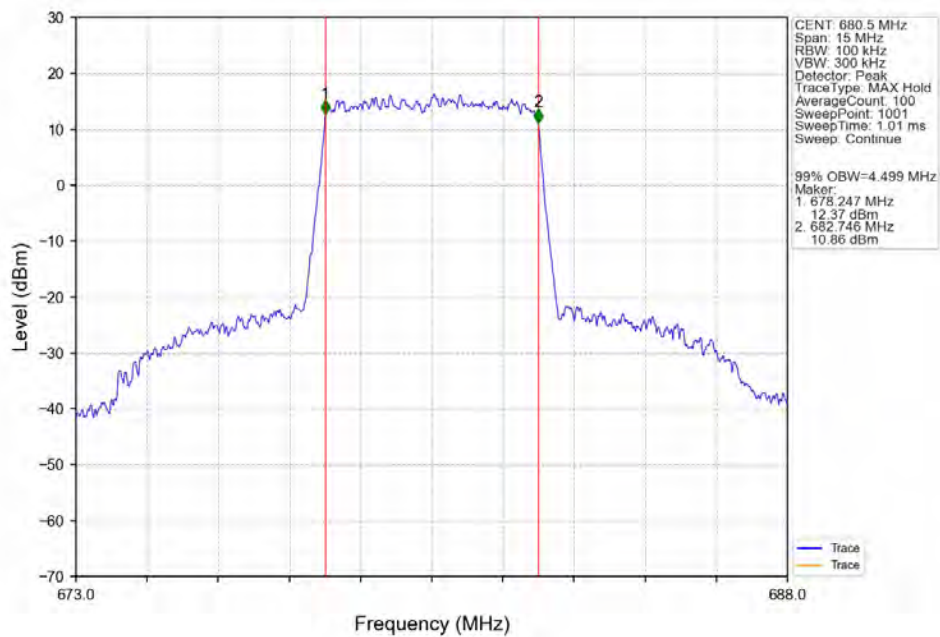
Band71 5MHz 16QAM HCH 695.5MHz RB 25 0 NTNV



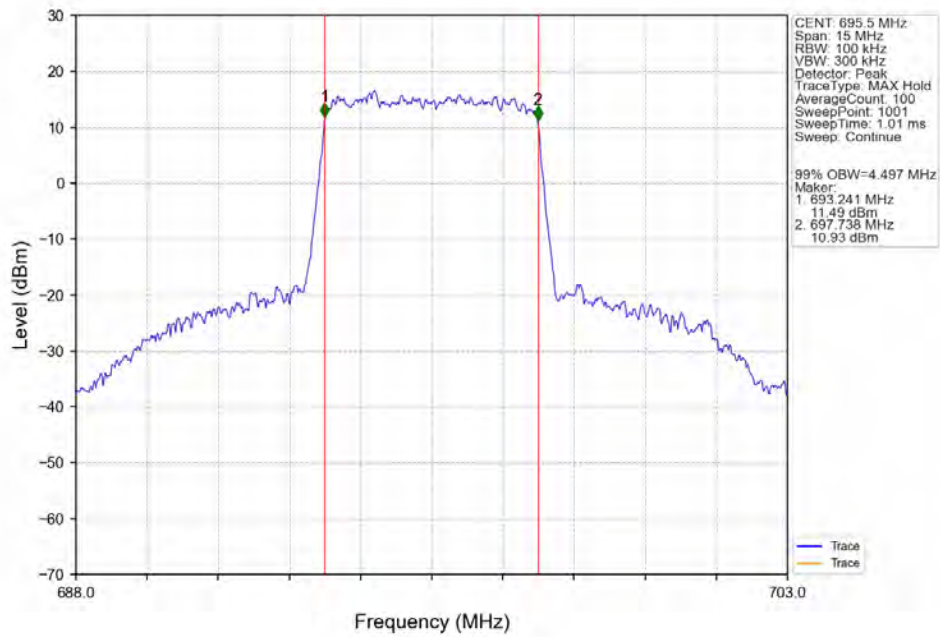
Band71_5MHz_64QAM_LCH_665.5MHz_RB_25_0_NTNV



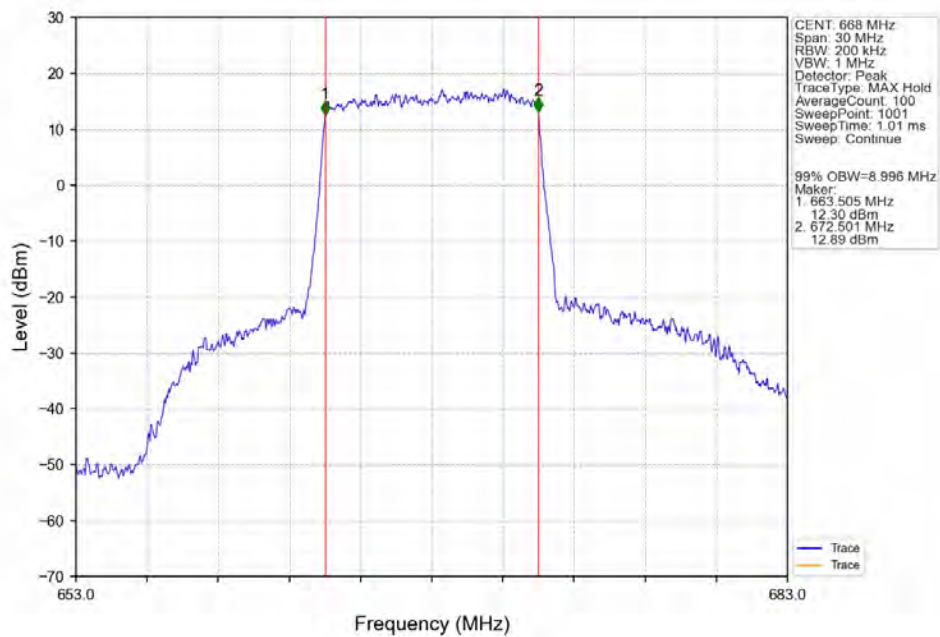
Band71_5MHz_64QAM_MCH_680.5MHz_RB_25_0_NTNV



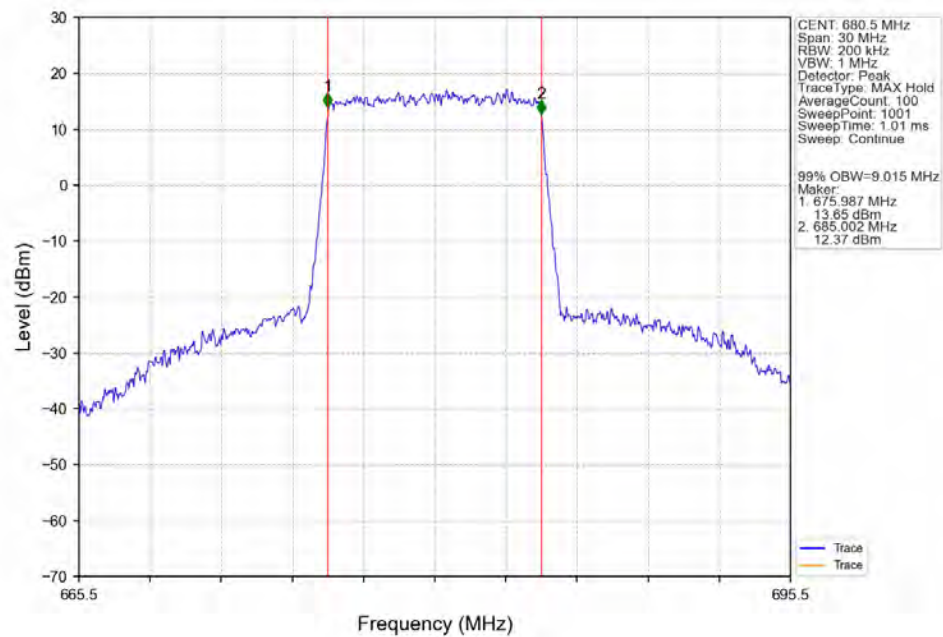
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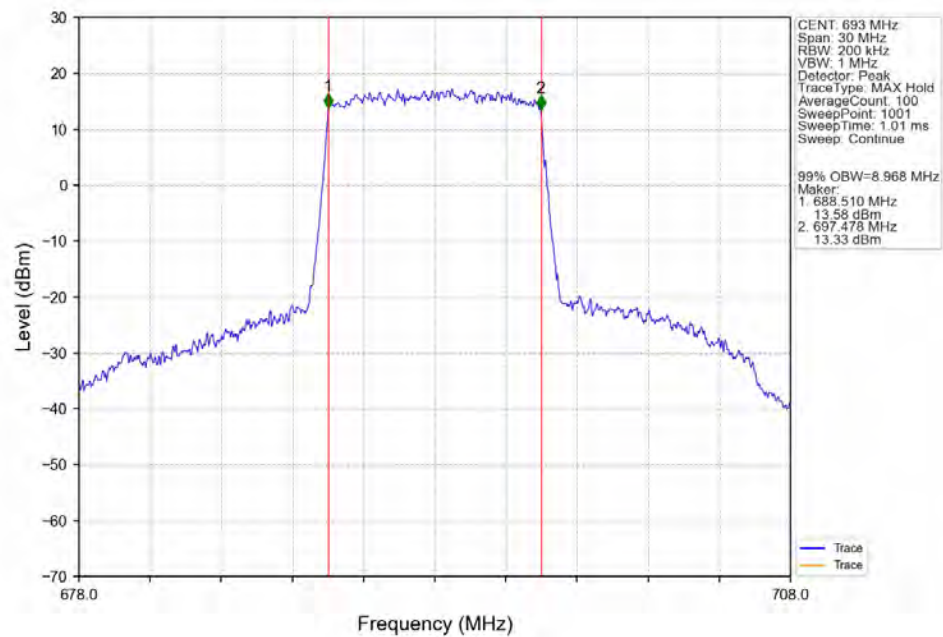
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



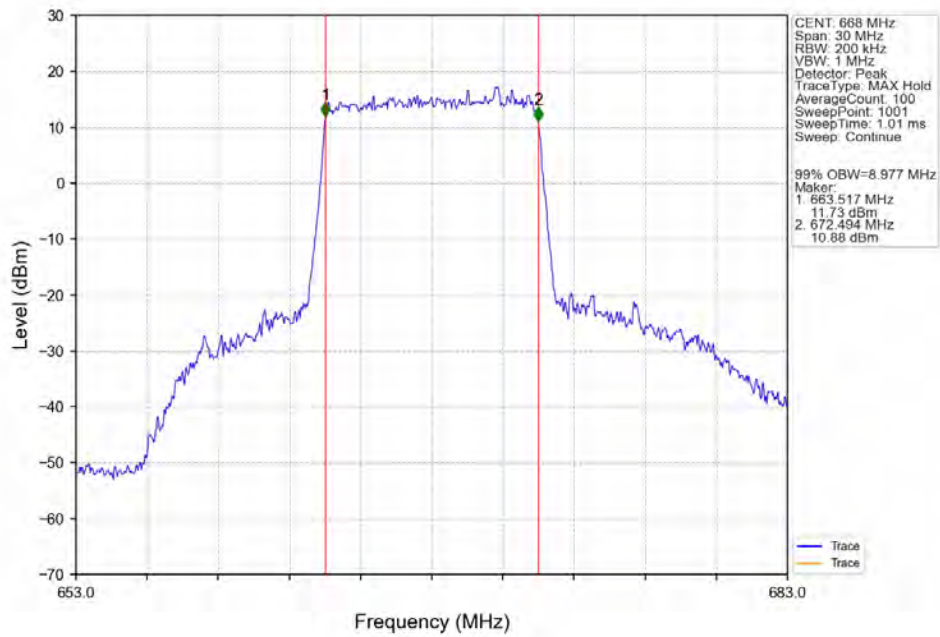
Band71 10MHz QPSK MCH 680.5MHz RB 50 0 NTNV



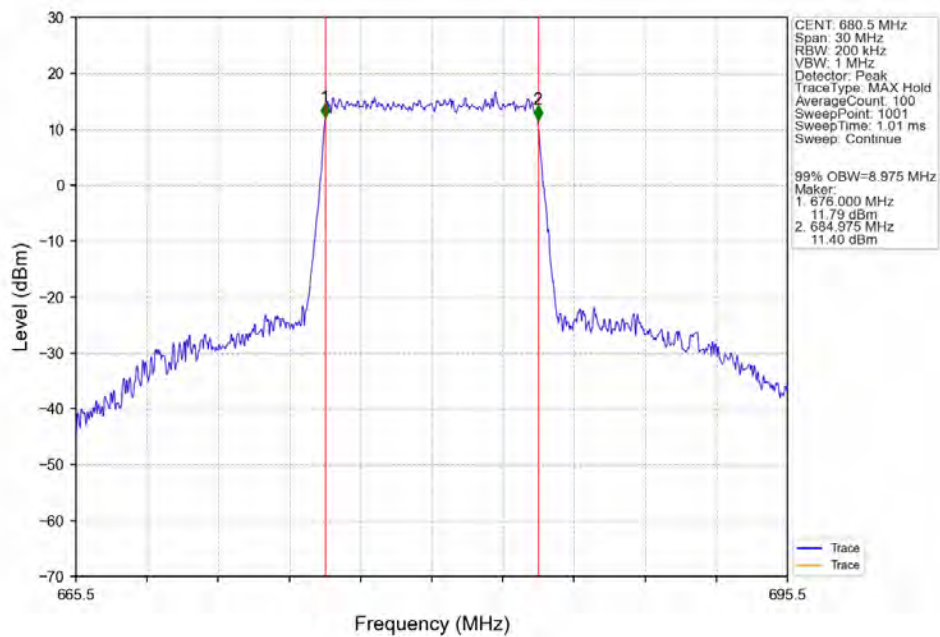
Band71 10MHz QPSK HCH 693MHz RB 50 0 NTNV



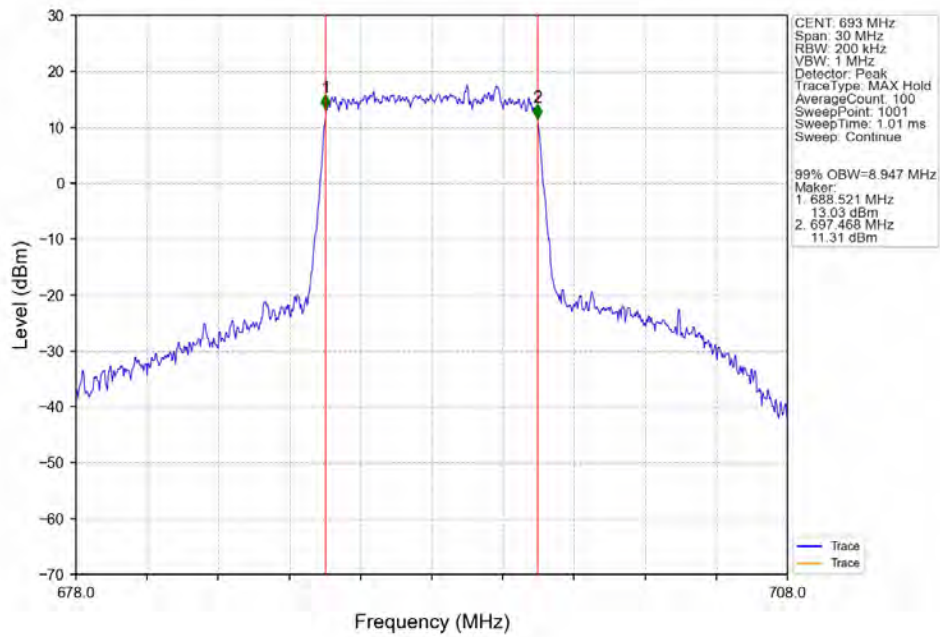
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



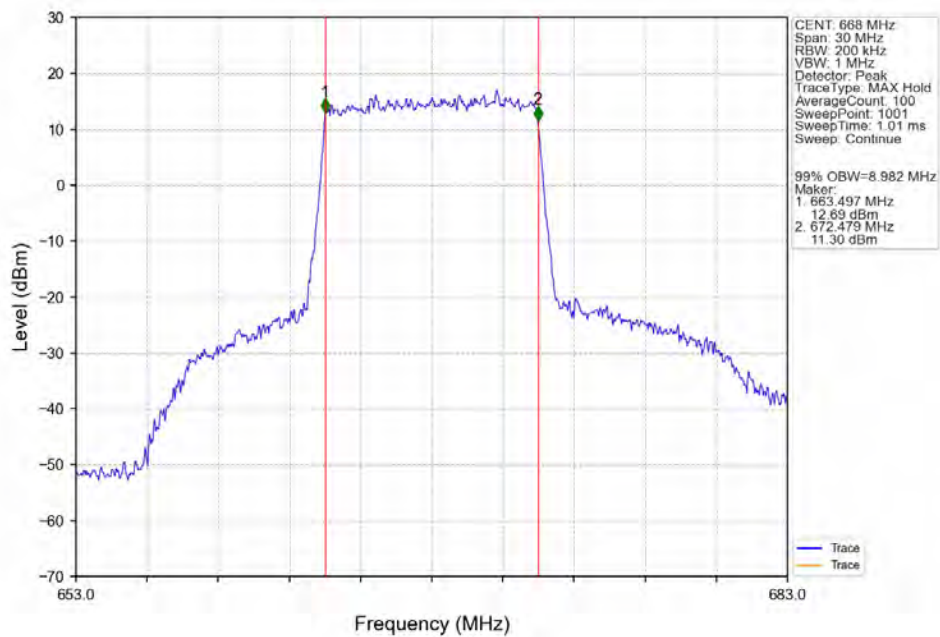
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



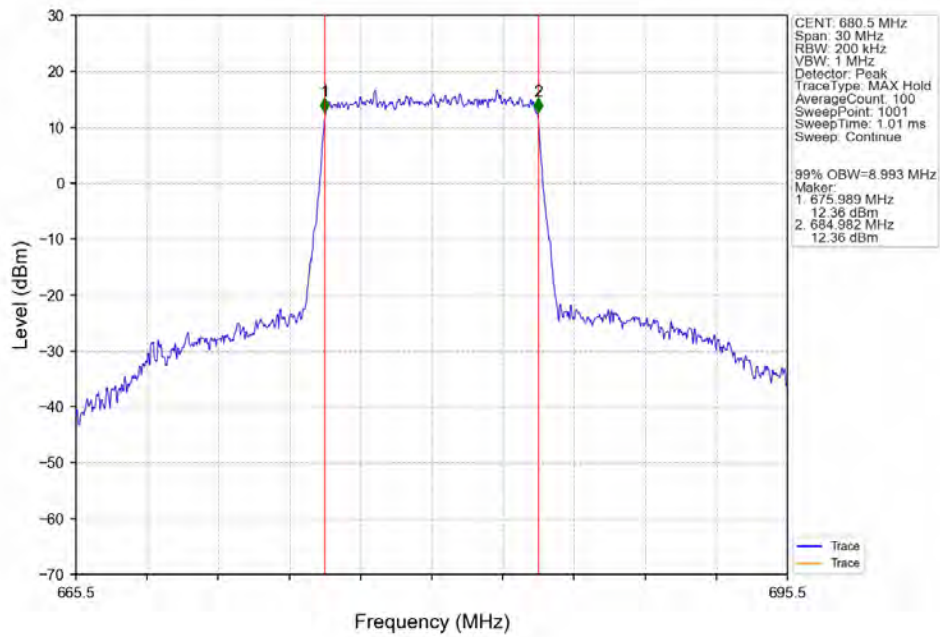
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



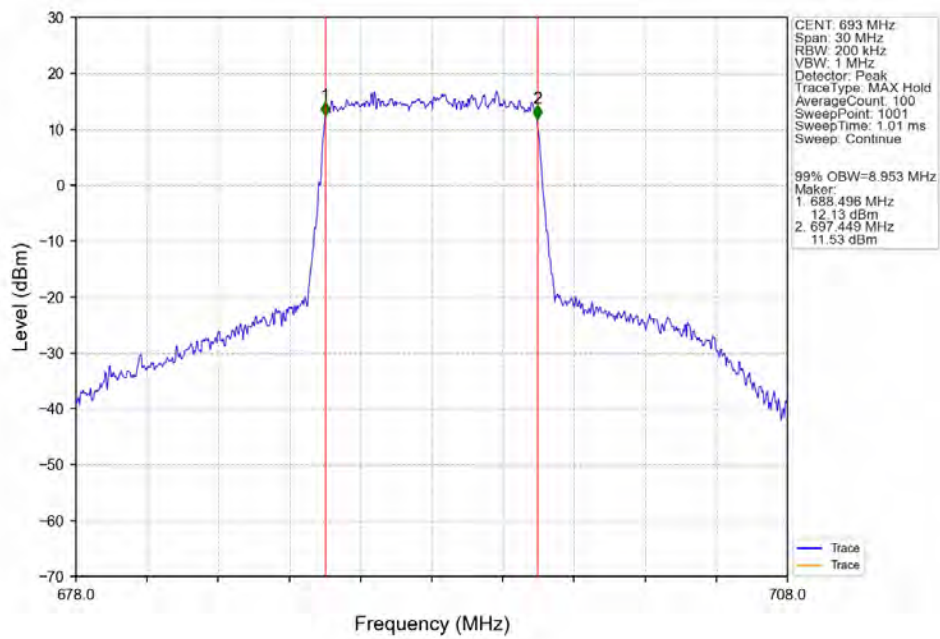
Band71_10MHz_64QAM_LCH_668MHz_RB_50_0_NTNV



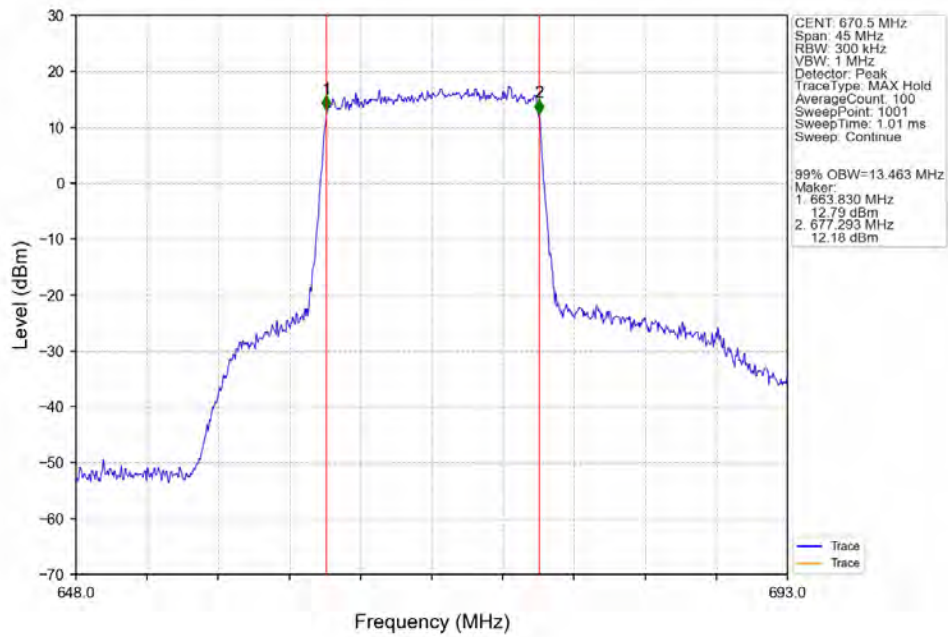
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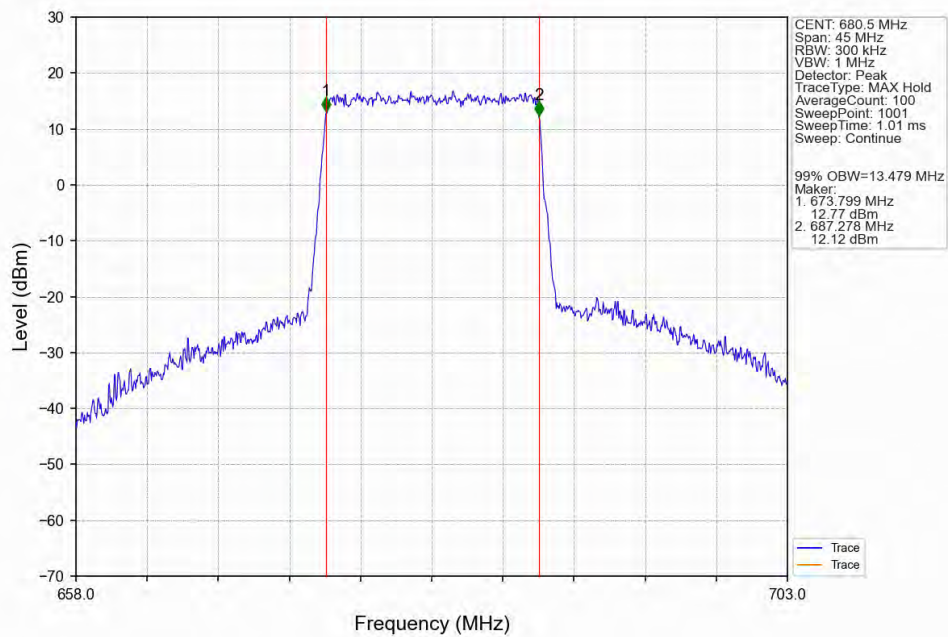
Band71_10MHz_64QAM_HCH_693MHz_RB_50_0_NTNV



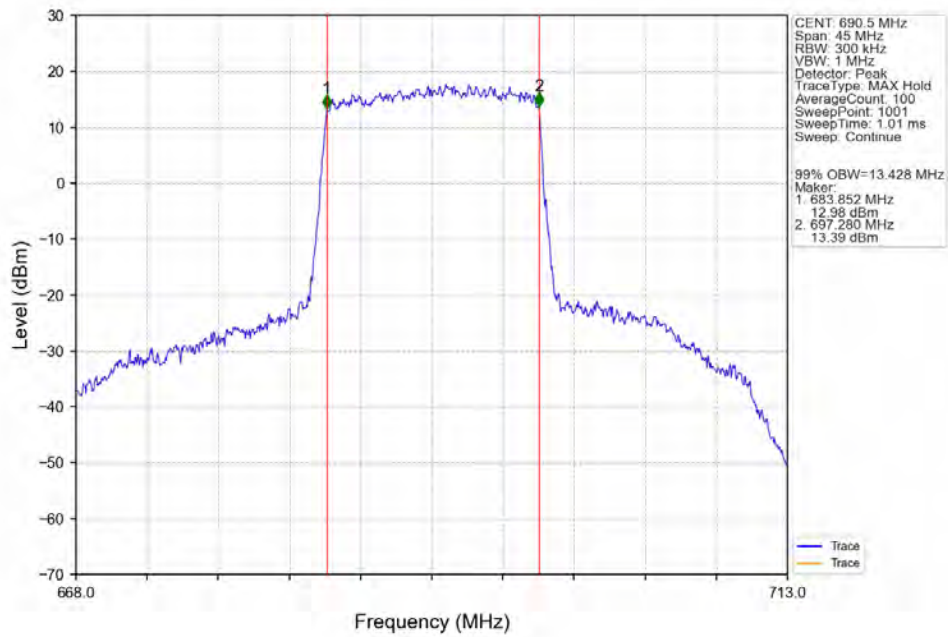
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



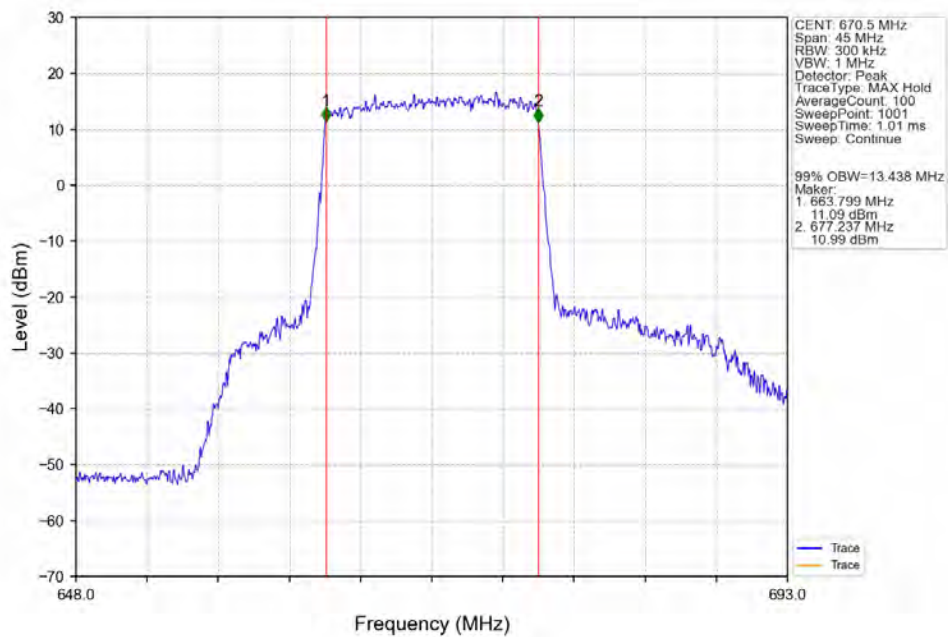
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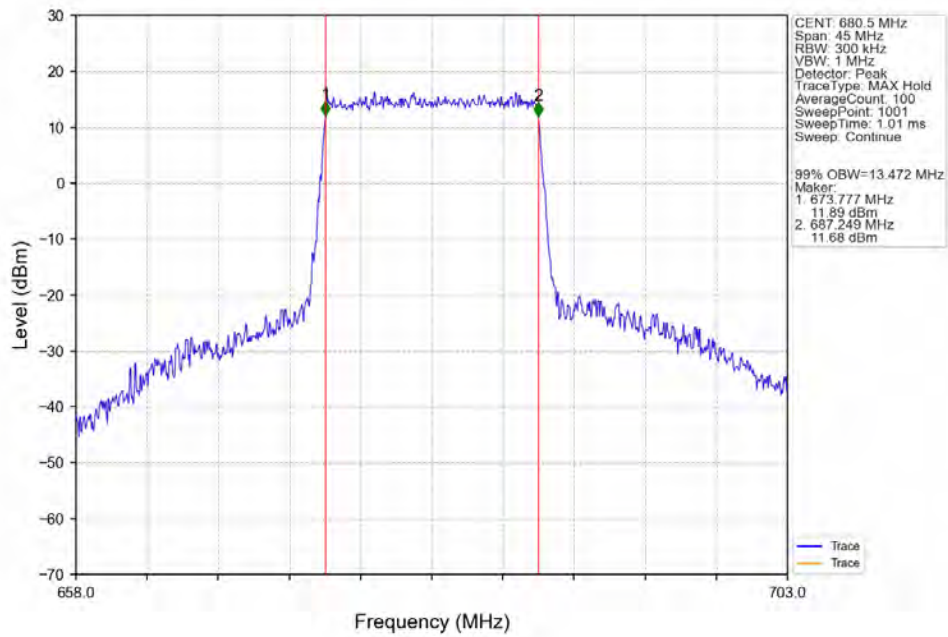
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



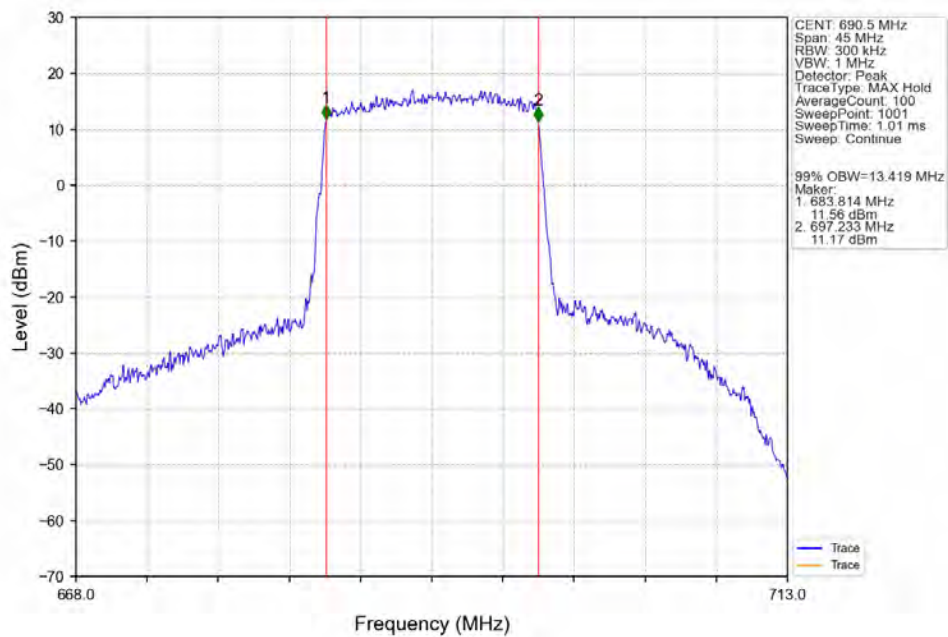
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



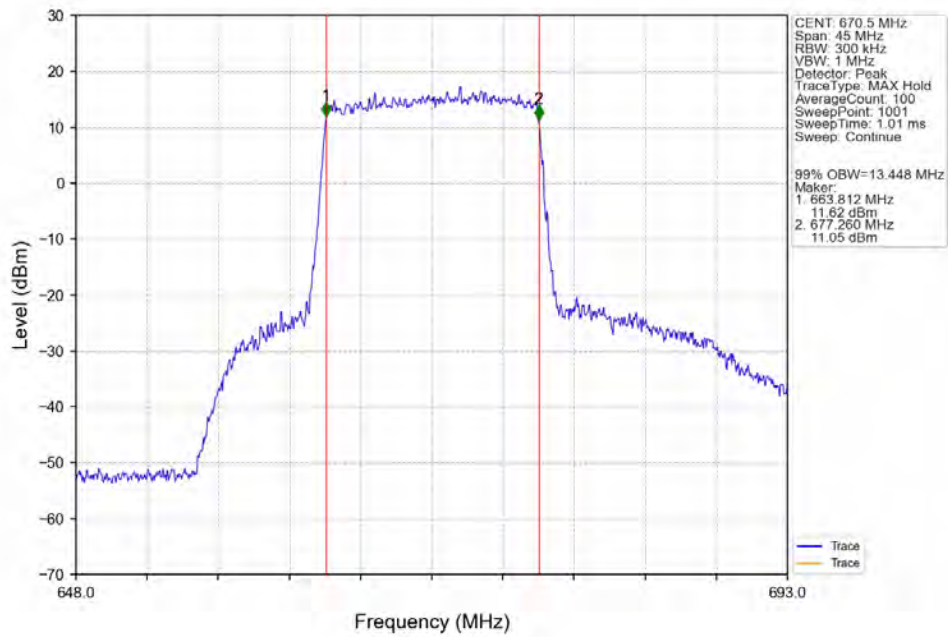
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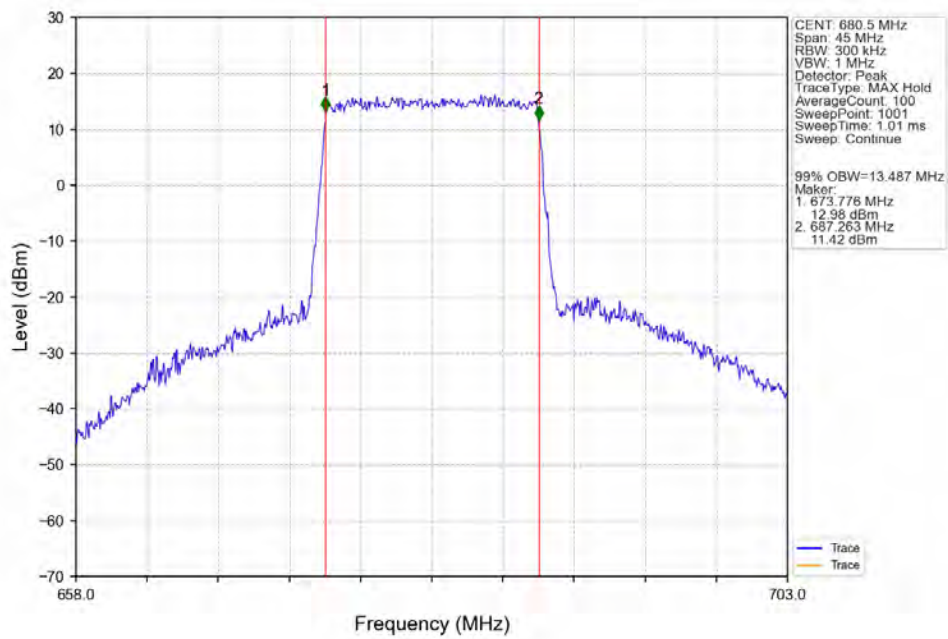
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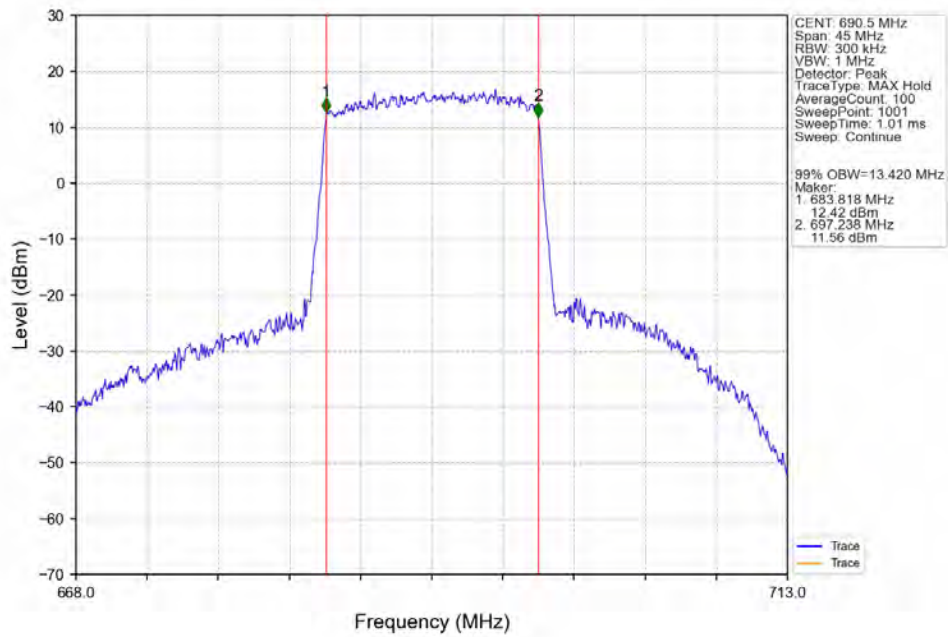
Band71_15MHz_64QAM_LCH_670.5MHz_RB_75_0_NTNV



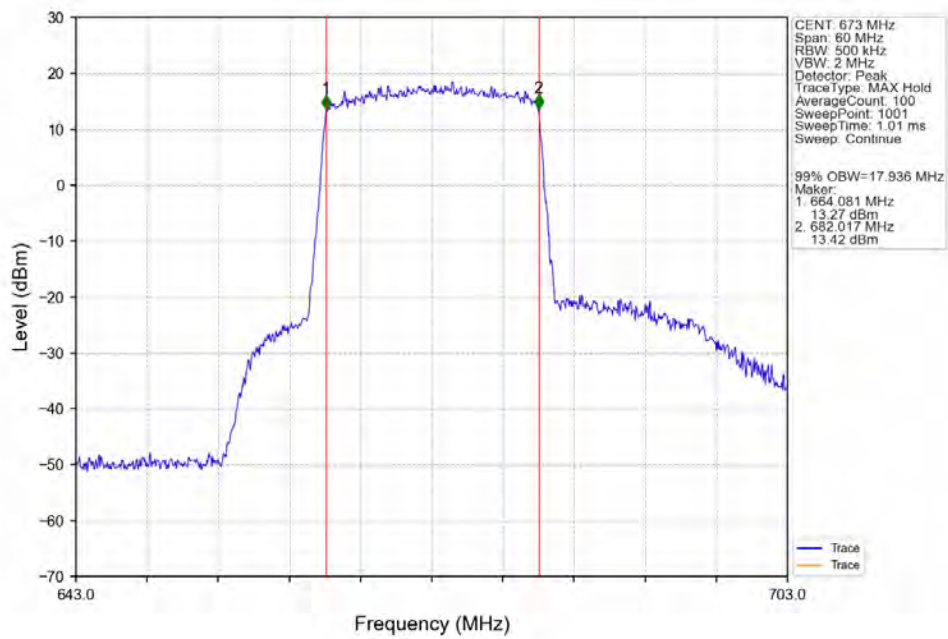
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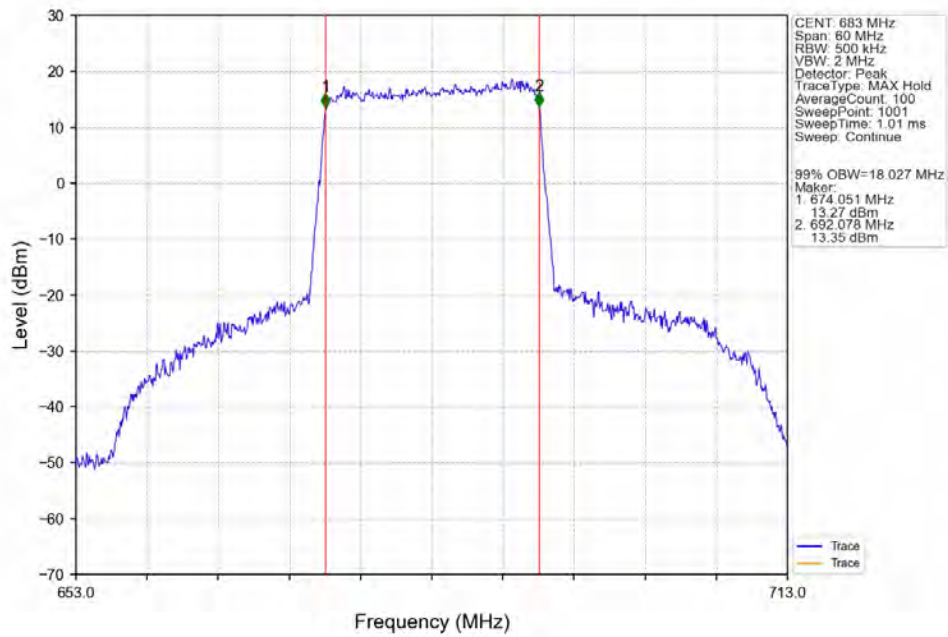
Band71_15MHz_64QAM_HCH_690.5MHz_RB_75_0_NTNV



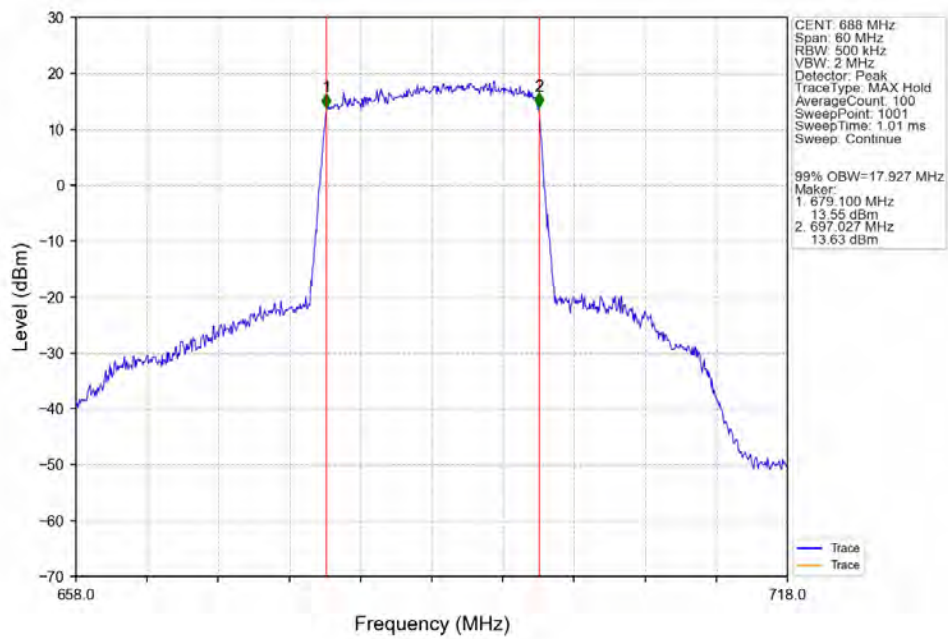
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



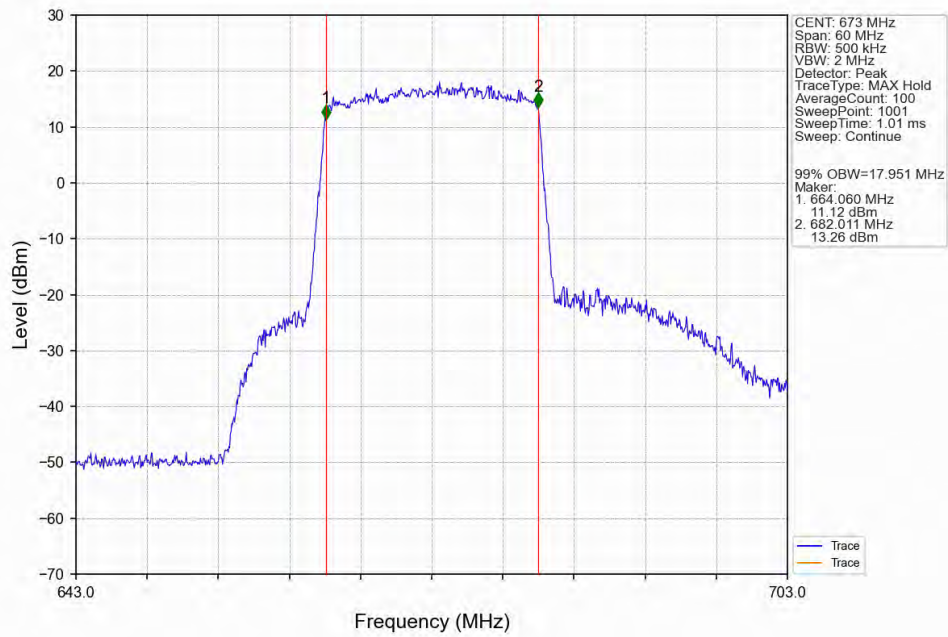
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



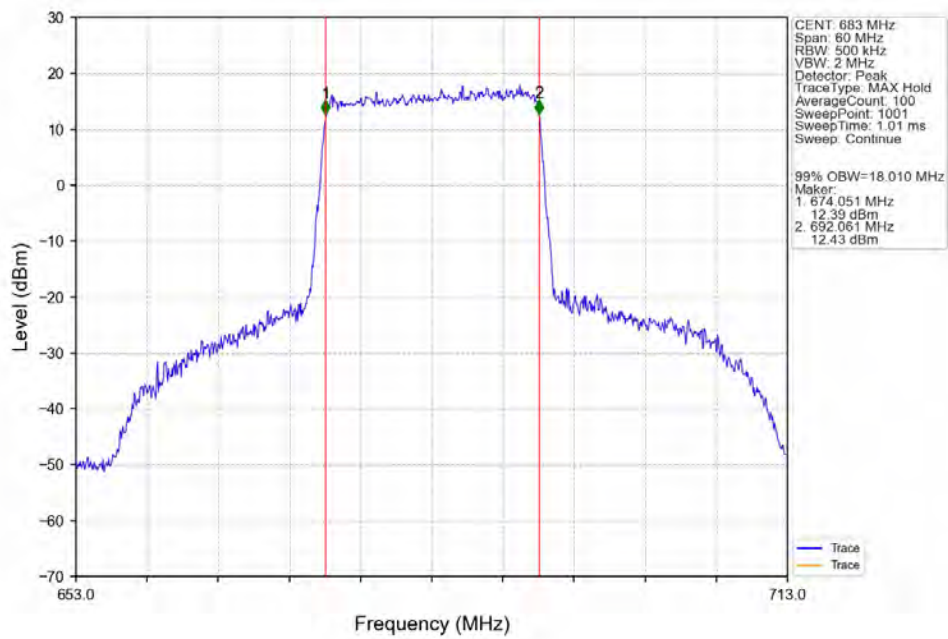
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



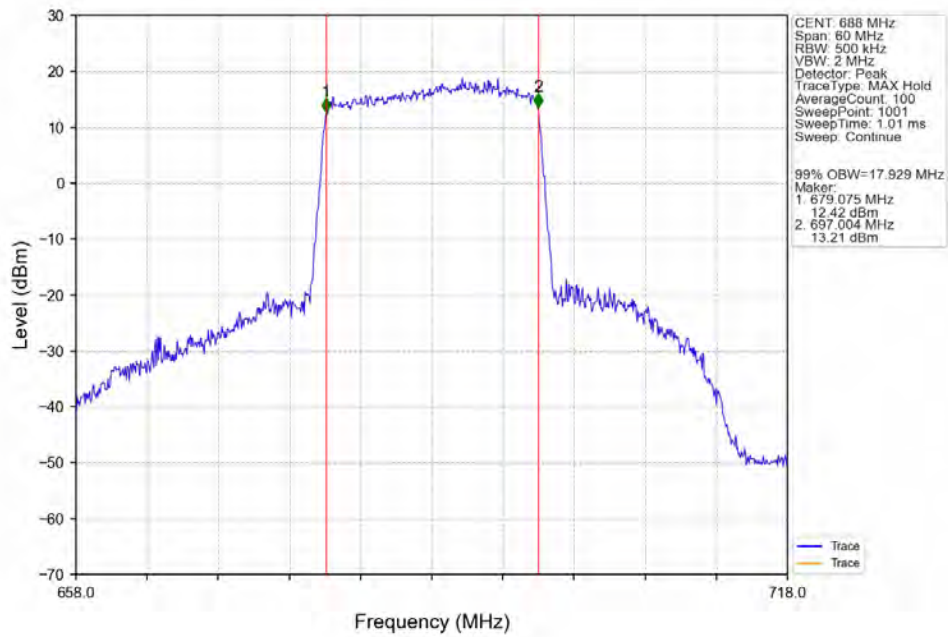
Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTNV



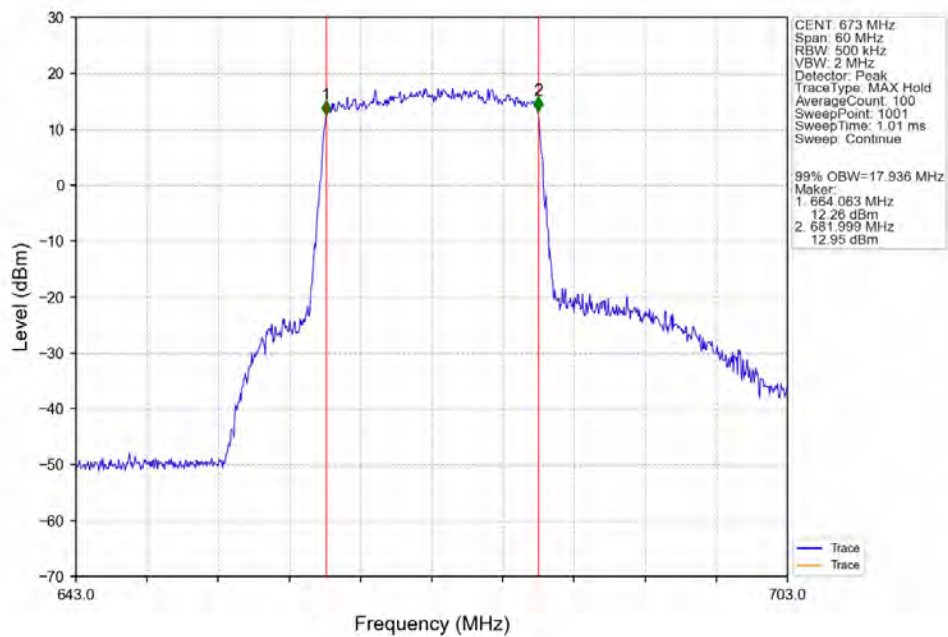
Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTNV



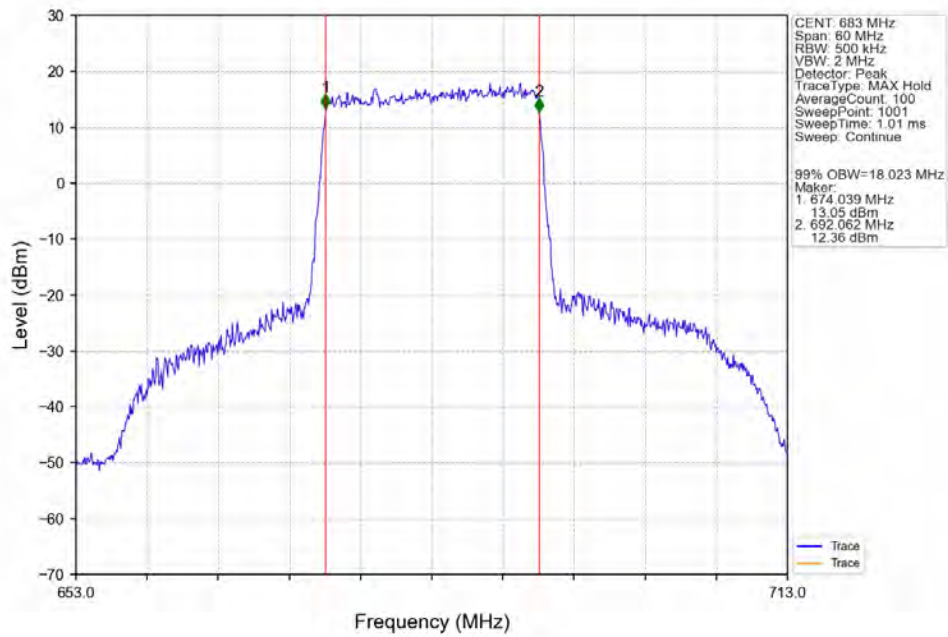
Band71 20MHz 16QAM HCH 688MHz RB 100 0 NTNV



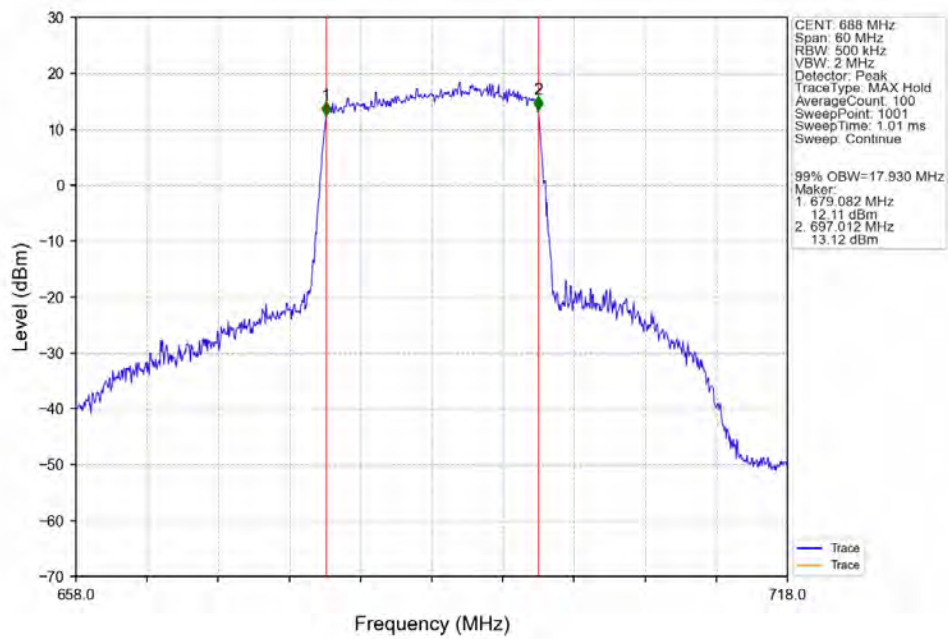
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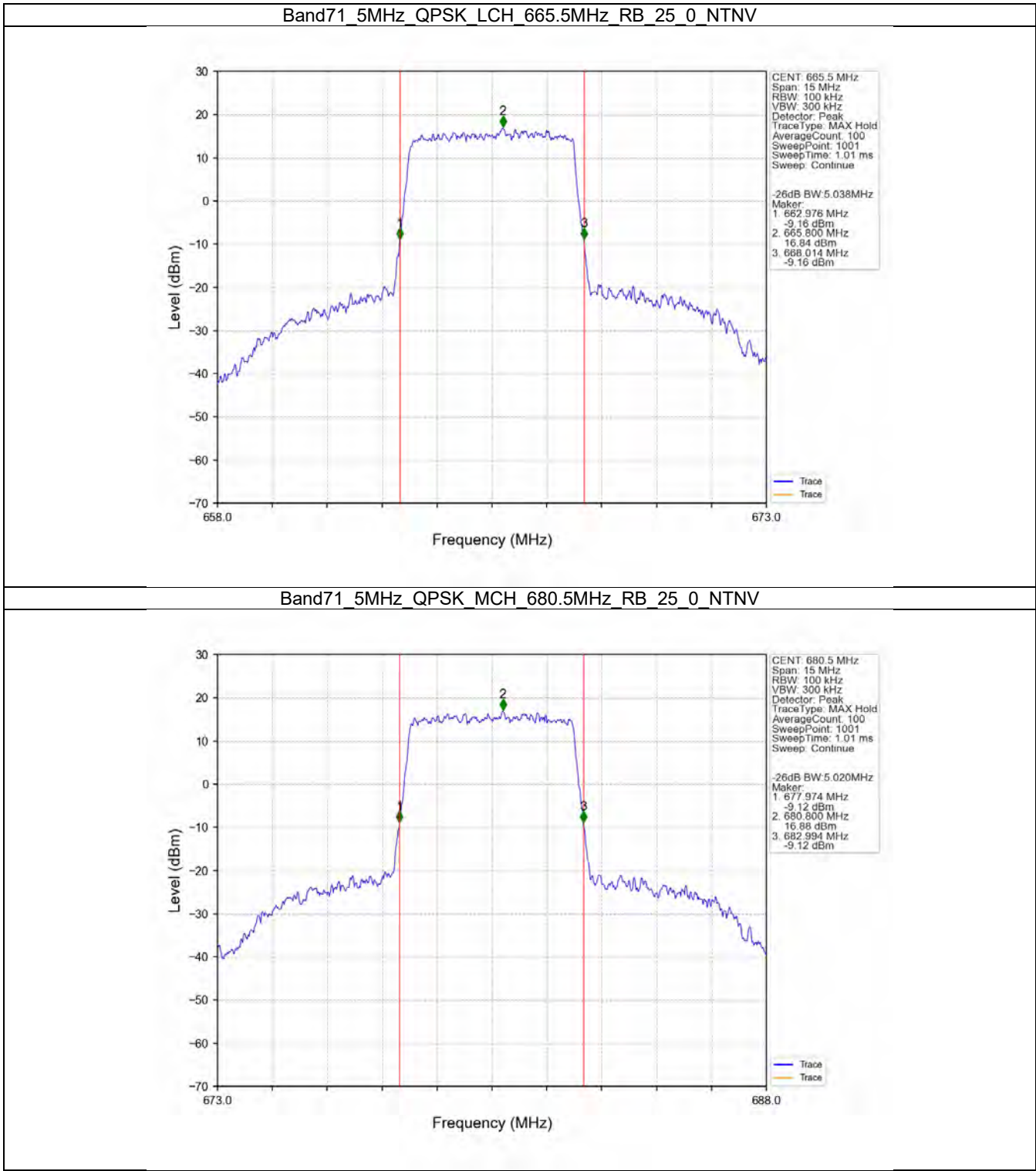
Band71 20MHz 64QAM MCH 683MHz RB 100 0 NTNV



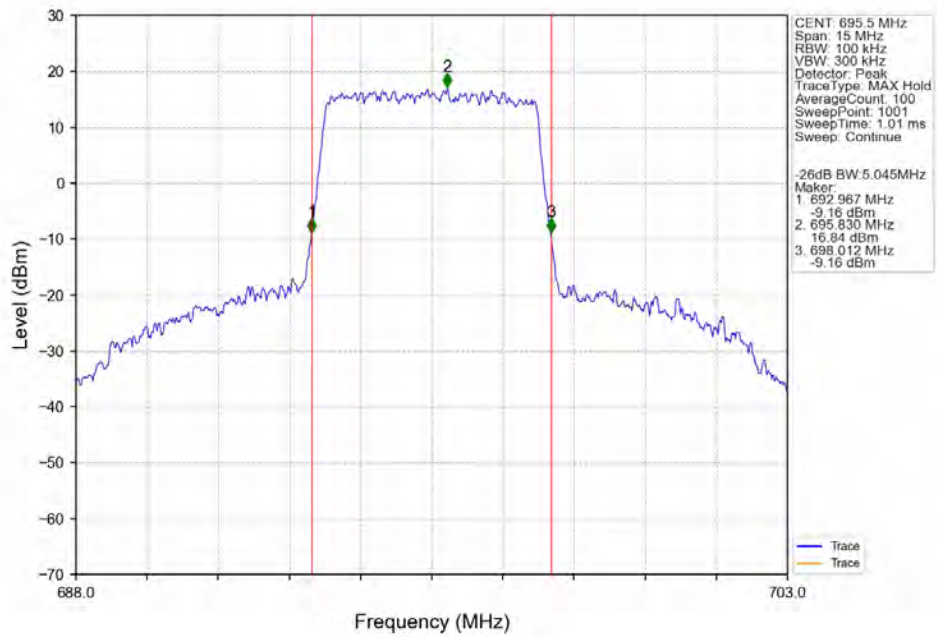
Band71 20MHz 64QAM HCH 688MHz RB 100 0 NTNV



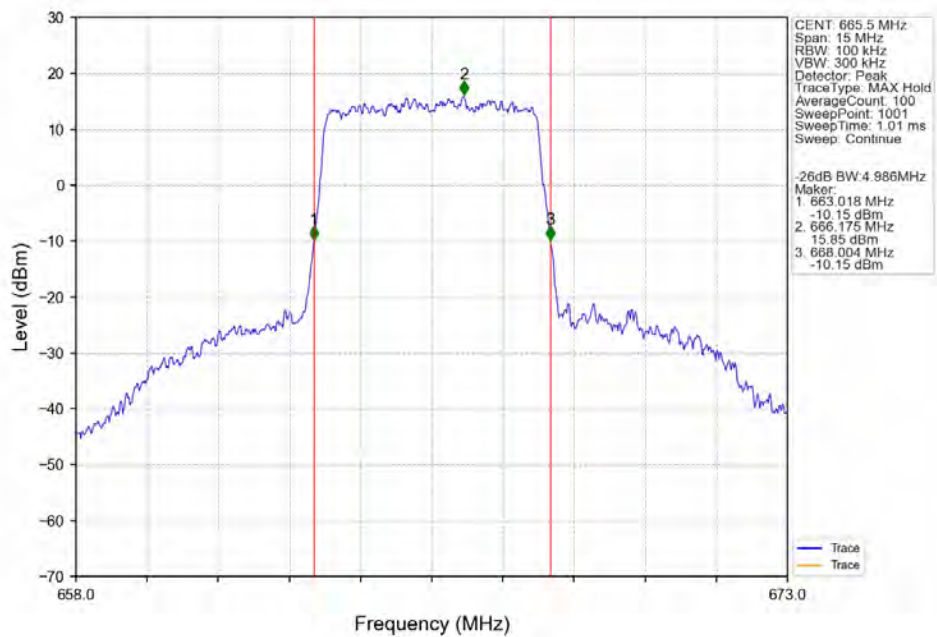
3.2.2 Band71_XDB



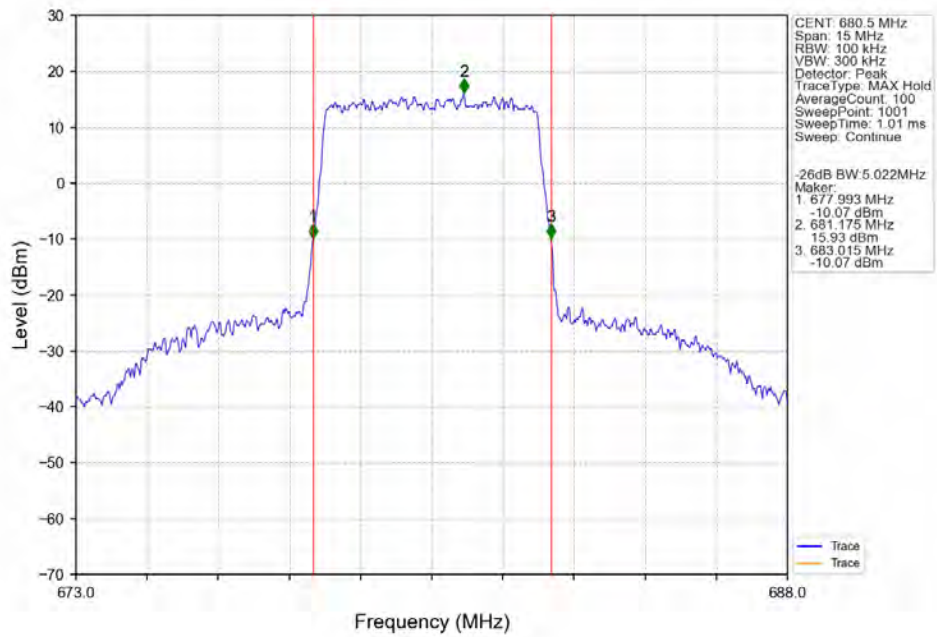
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



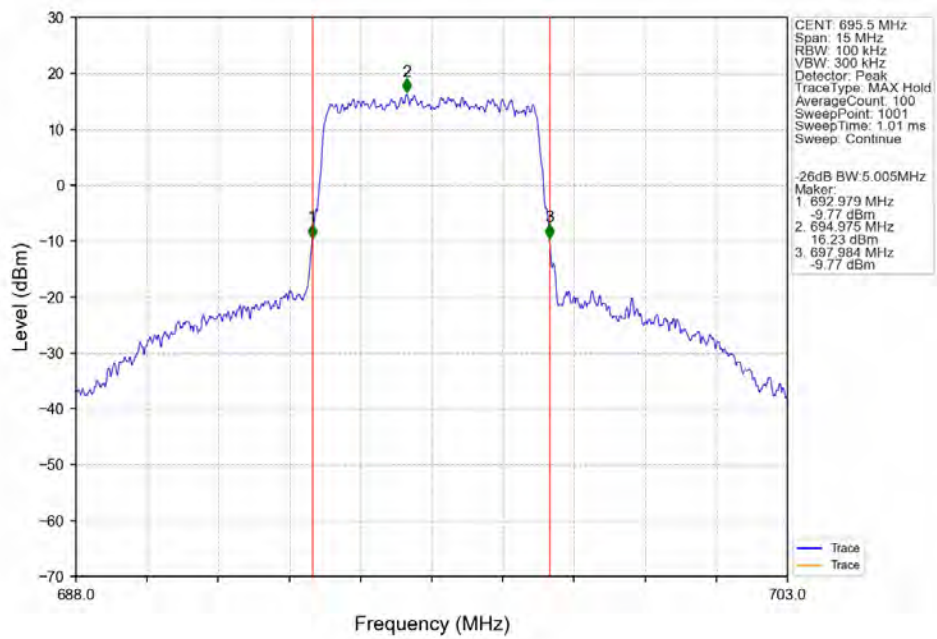
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



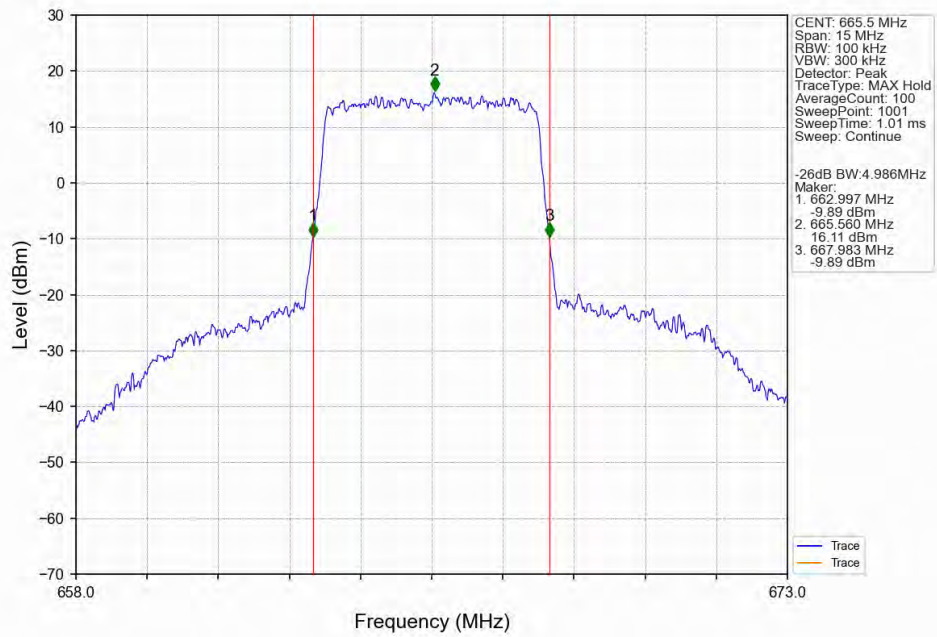
Band71 5MHz 16QAM MCH 680.5MHz RB 25 0 NTNV



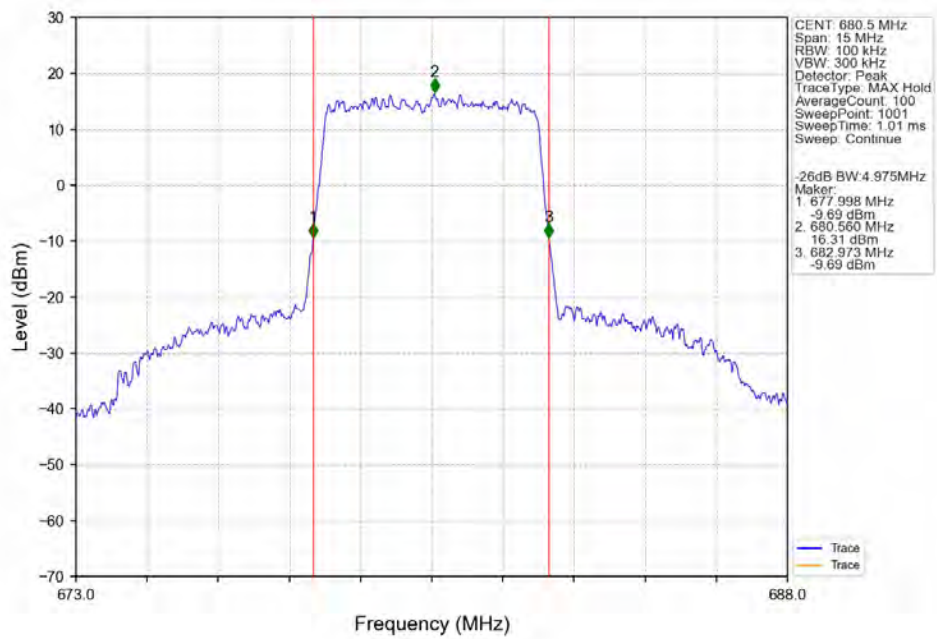
Band71 5MHz 16QAM HCH 695.5MHz RB 25 0 NTNV



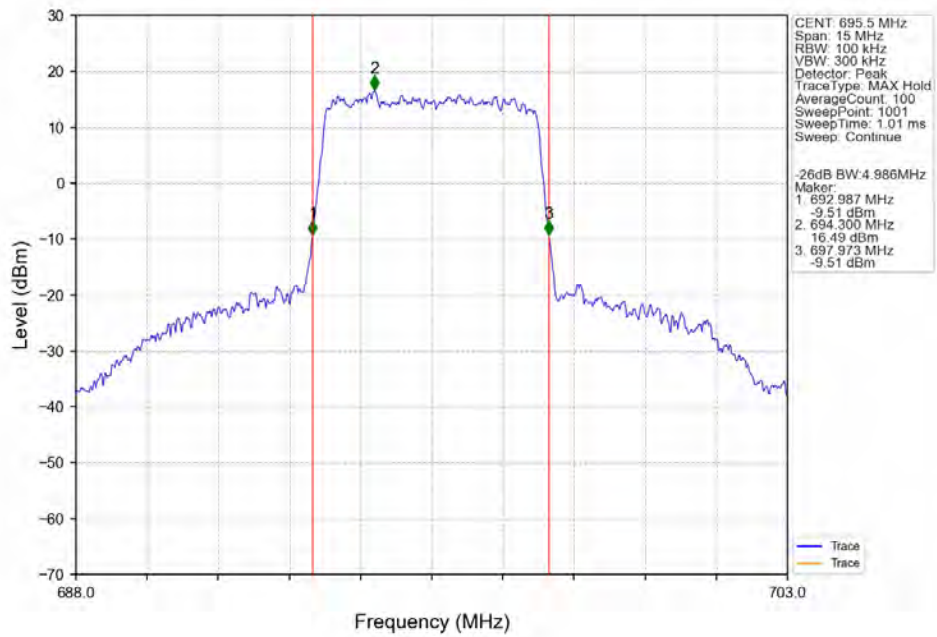
Band71_5MHz_64QAM_LCH_665.5MHz_RB_25_0_NTNV



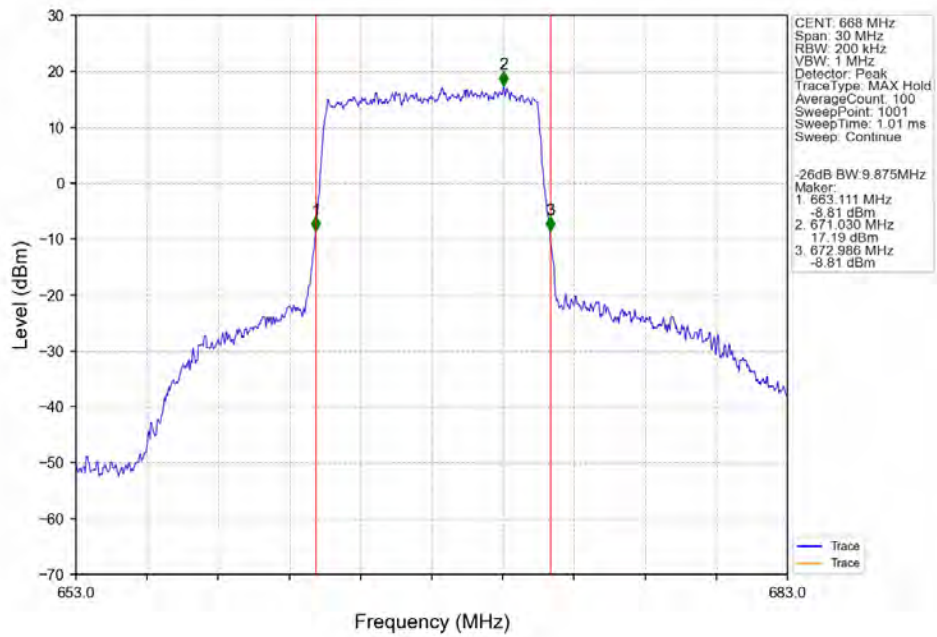
Band71_5MHz_64QAM_MCH_680.5MHz_RB_25_0_NTNV



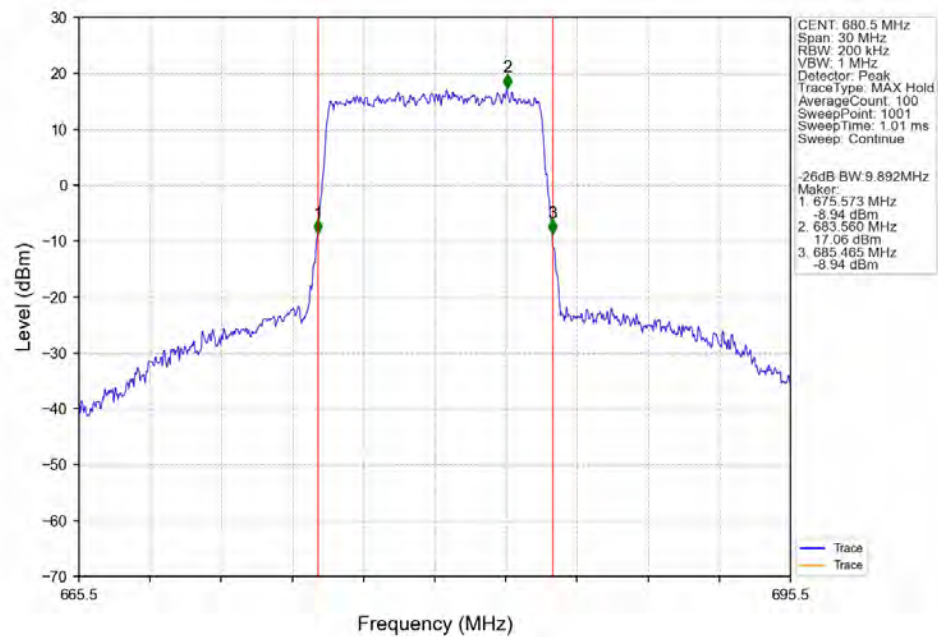
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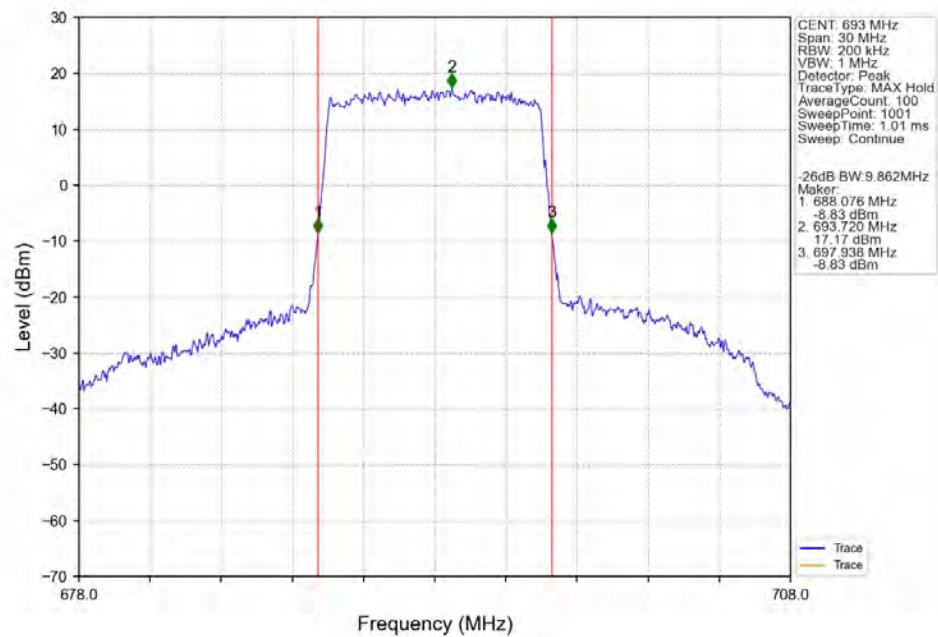
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



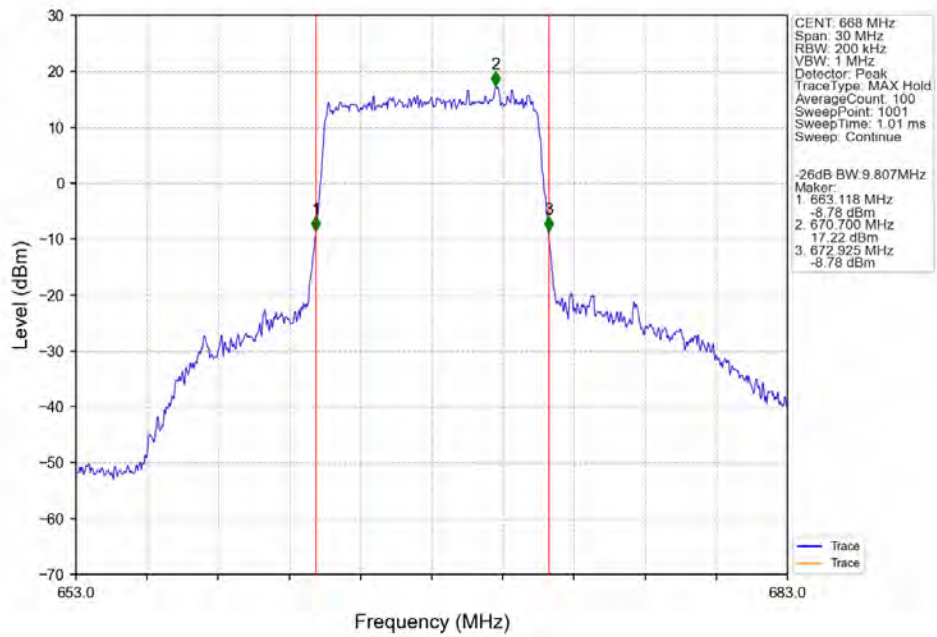
Band71 10MHz QPSK MCH 680.5MHz RB 50 0 NTNV



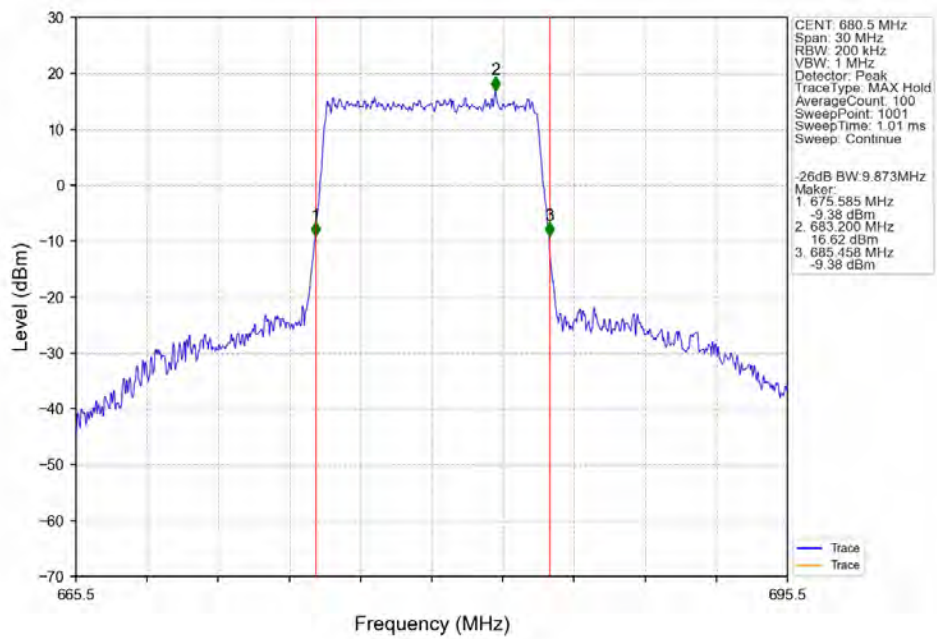
Band71 10MHz QPSK HCH 693MHz RB 50 0 NTNV



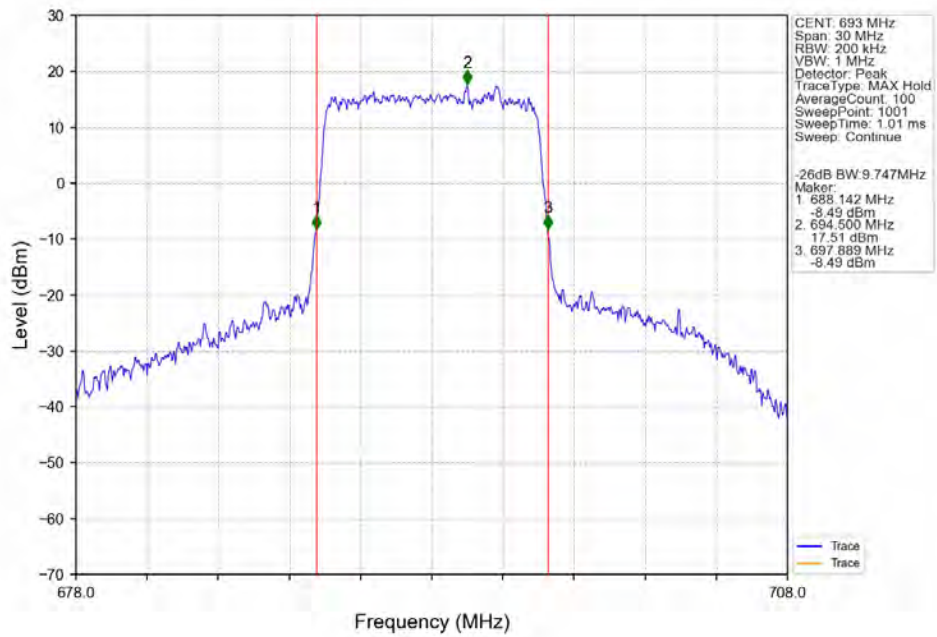
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



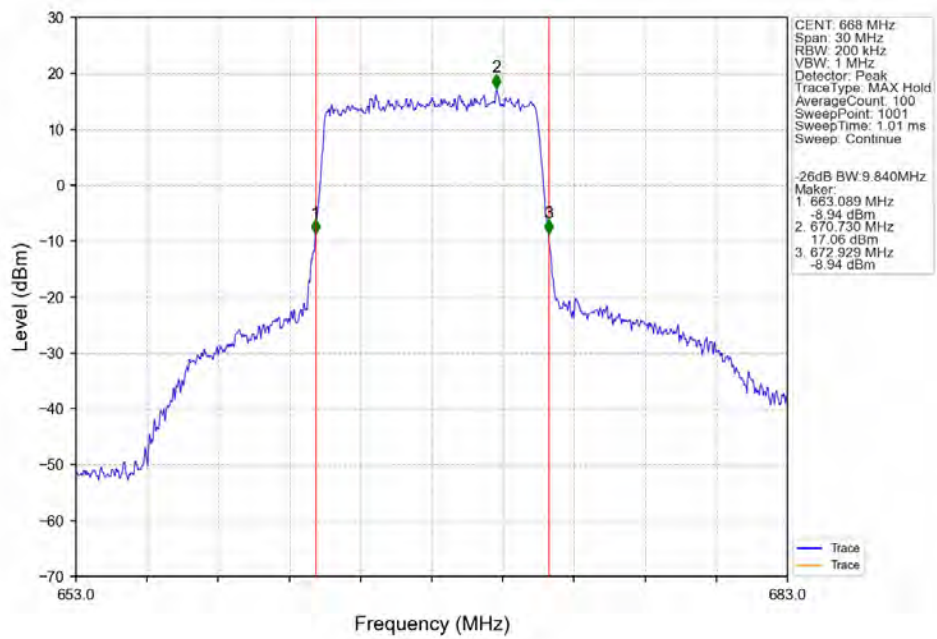
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



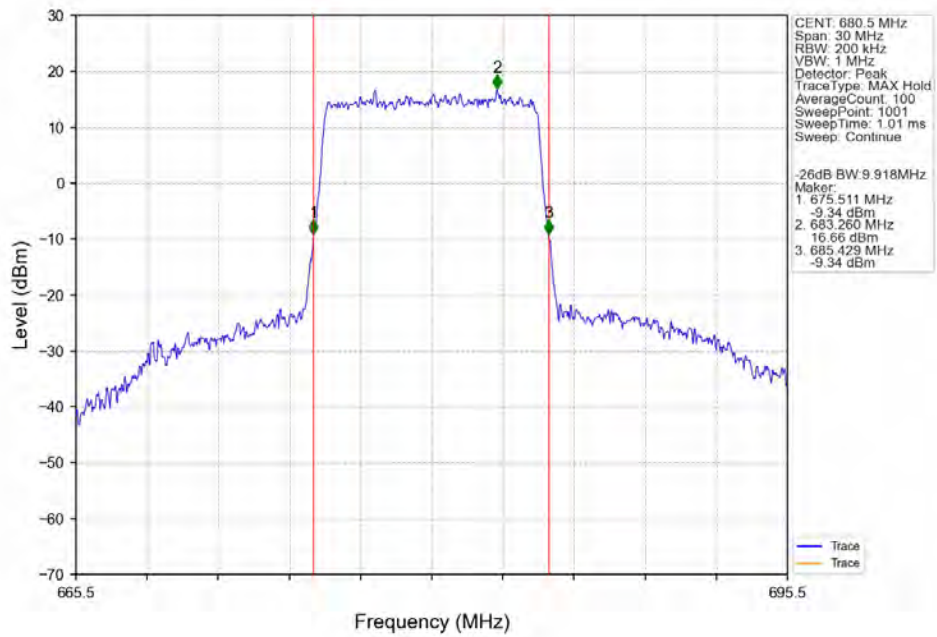
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



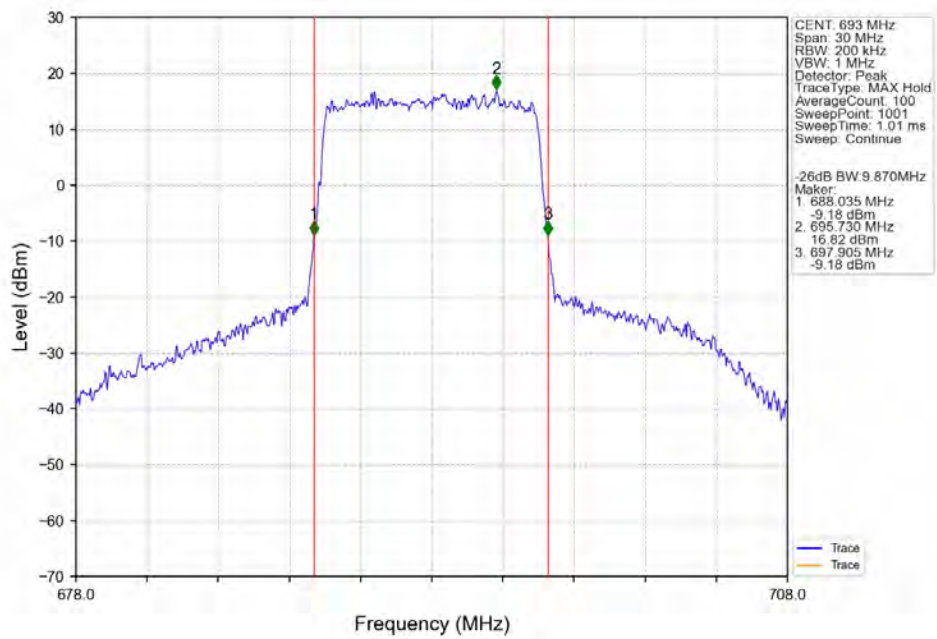
Band71_10MHz_64QAM_LCH_668MHz_RB_50_0_NTNV



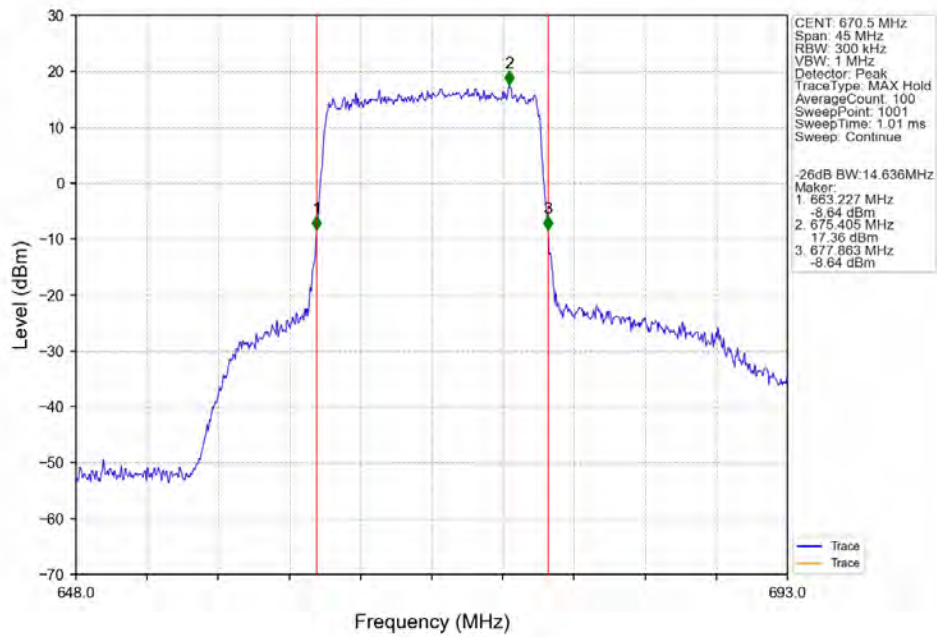
Band71_10MHz_64QAM_MCH_680.5MHz_RB_50_0_NTNV



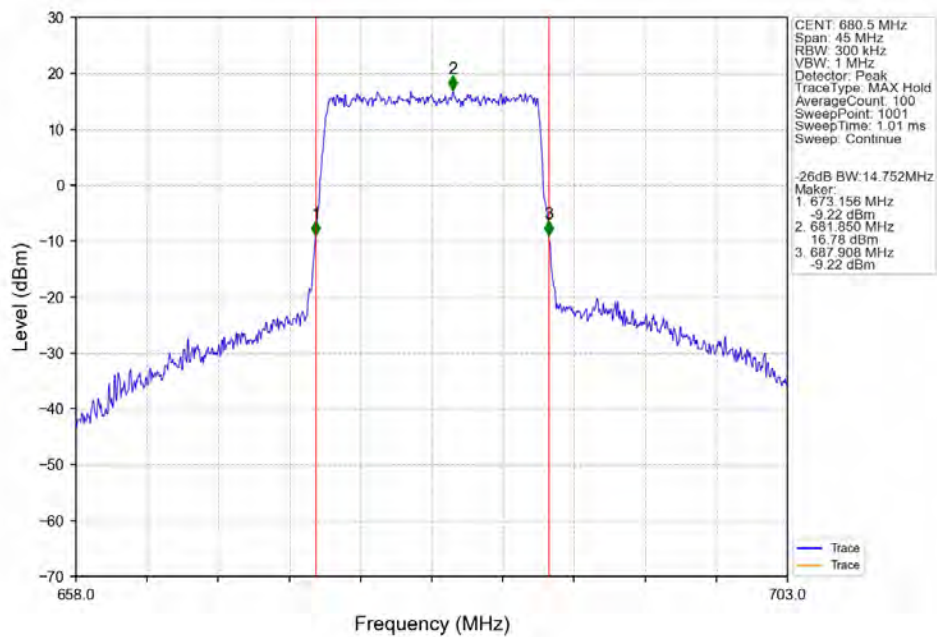
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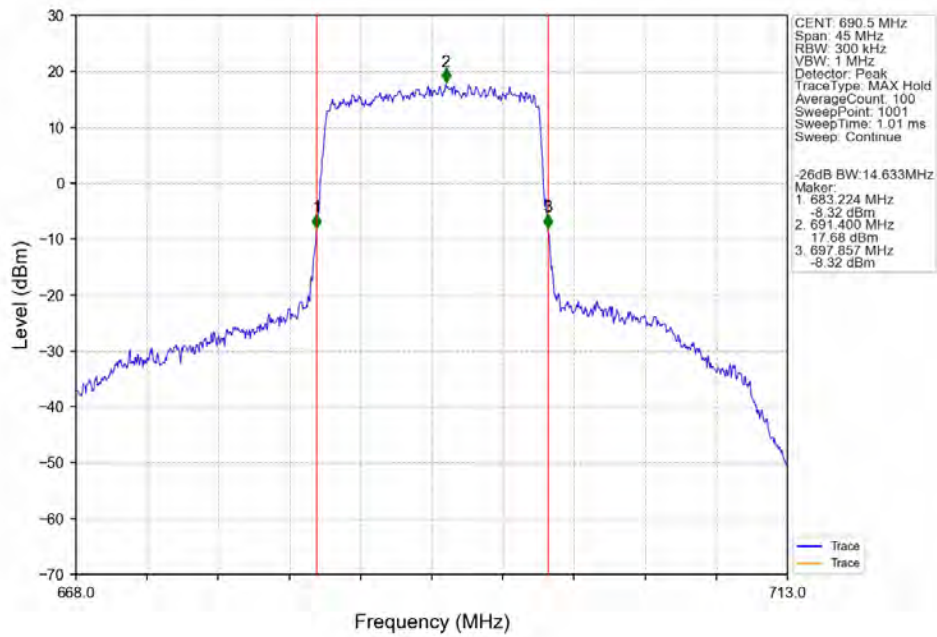
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



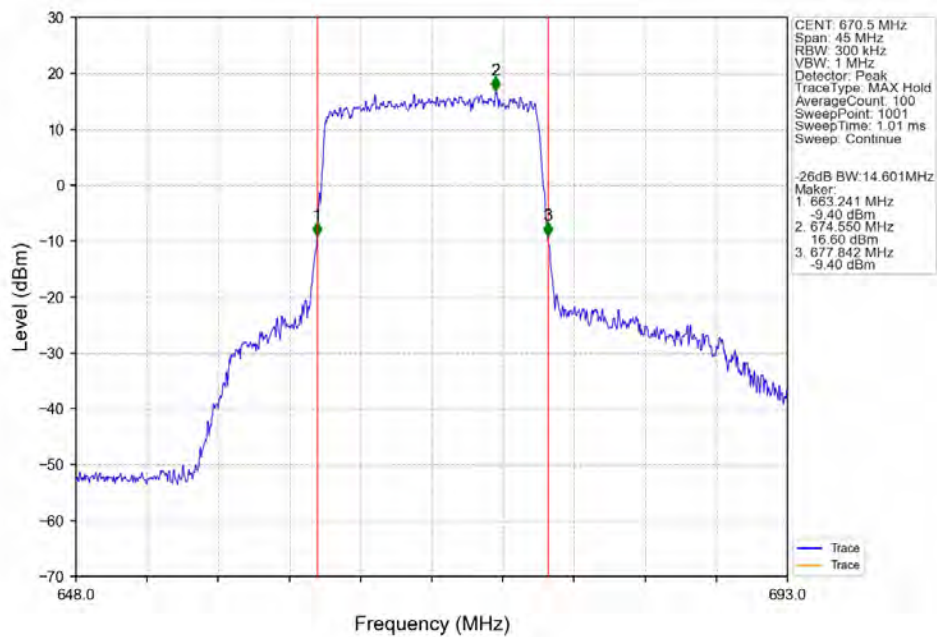
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



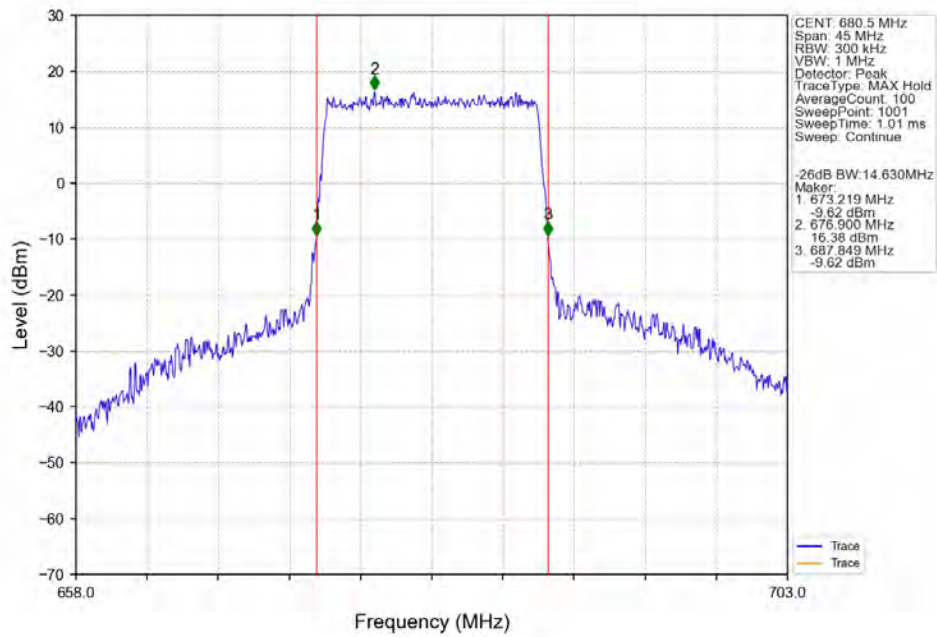
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



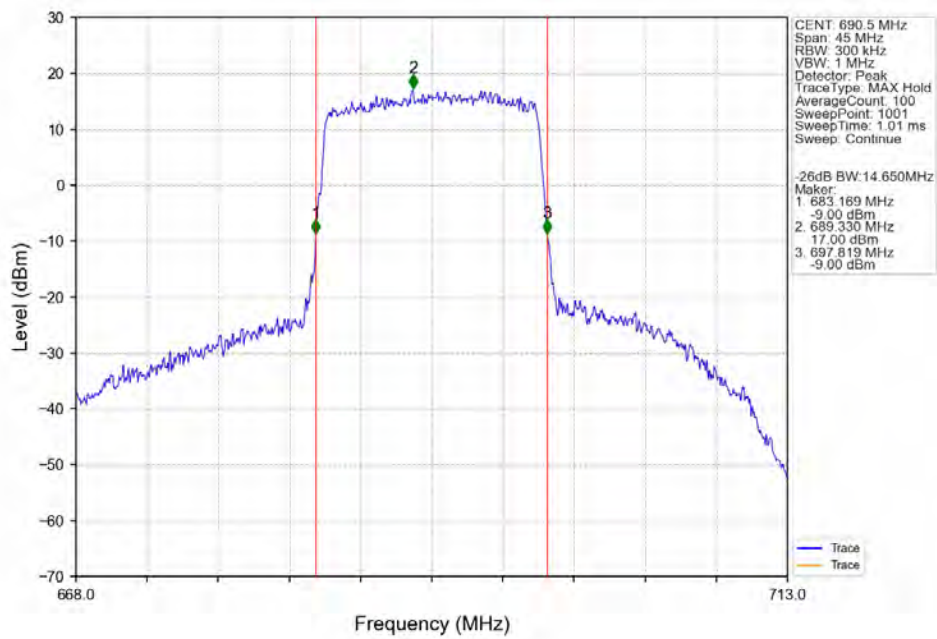
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



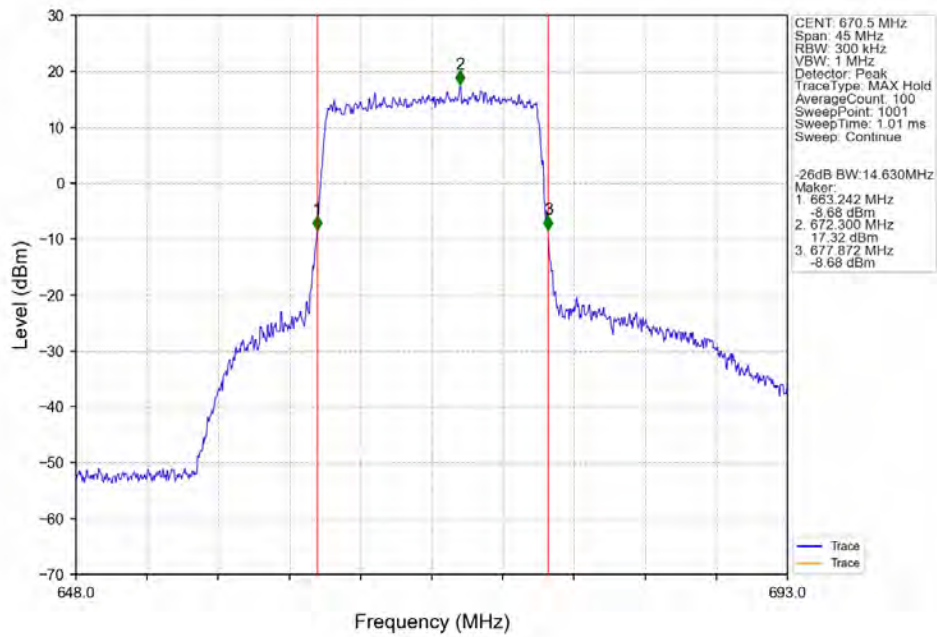
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



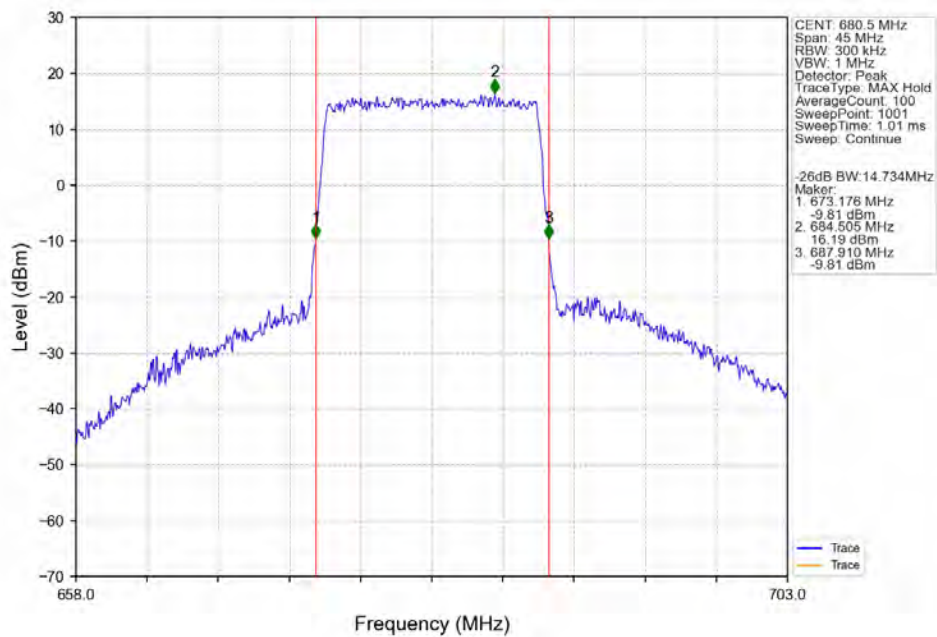
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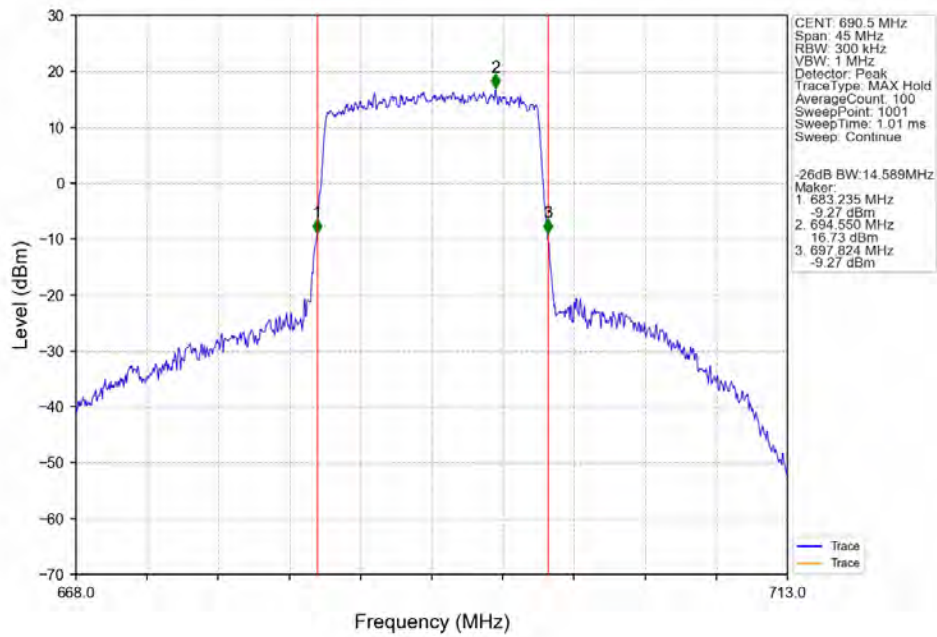
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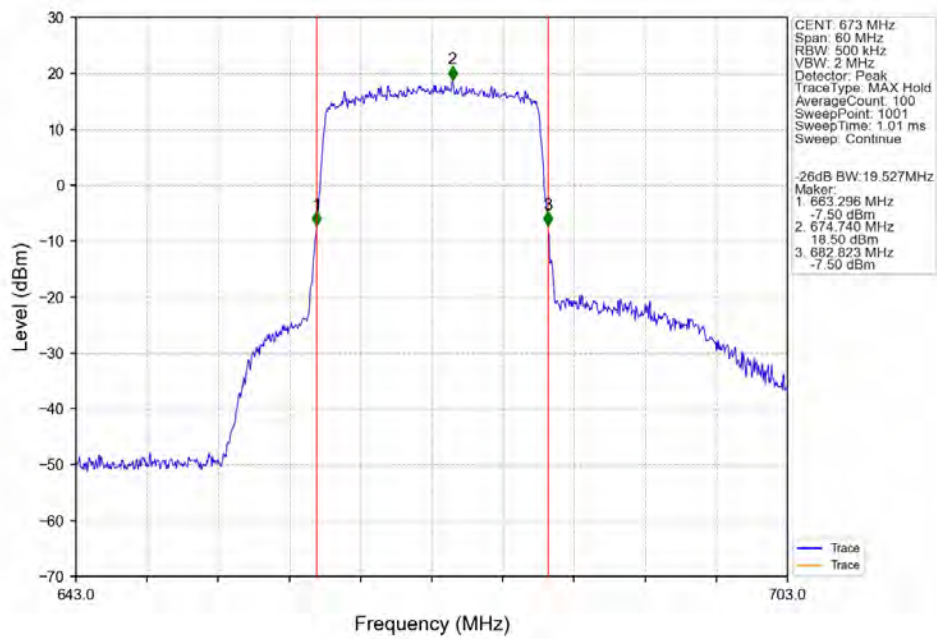
Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV



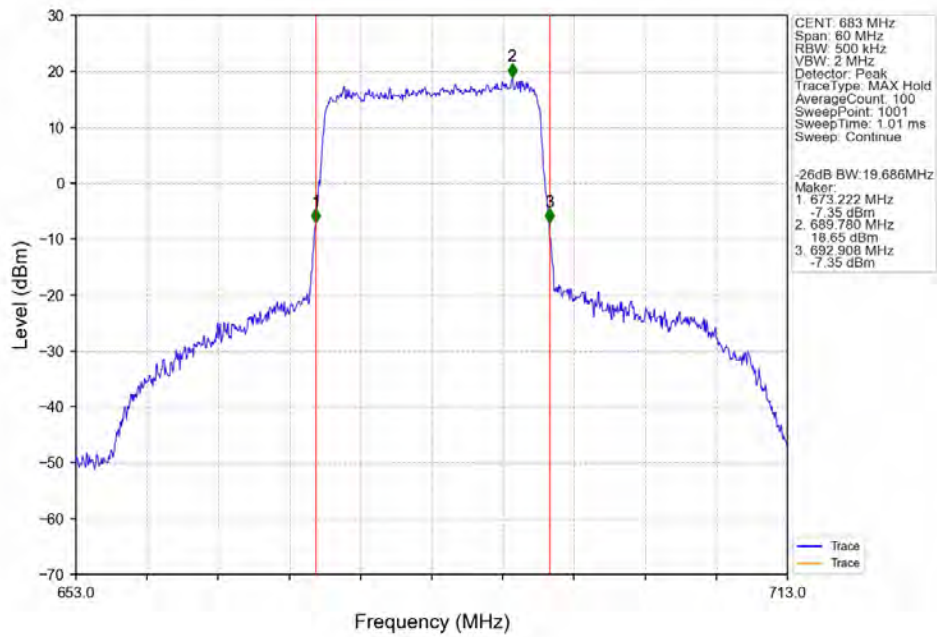
Band71_15MHz_64QAM_HCH_690.5MHz_RB_75_0_NTNV



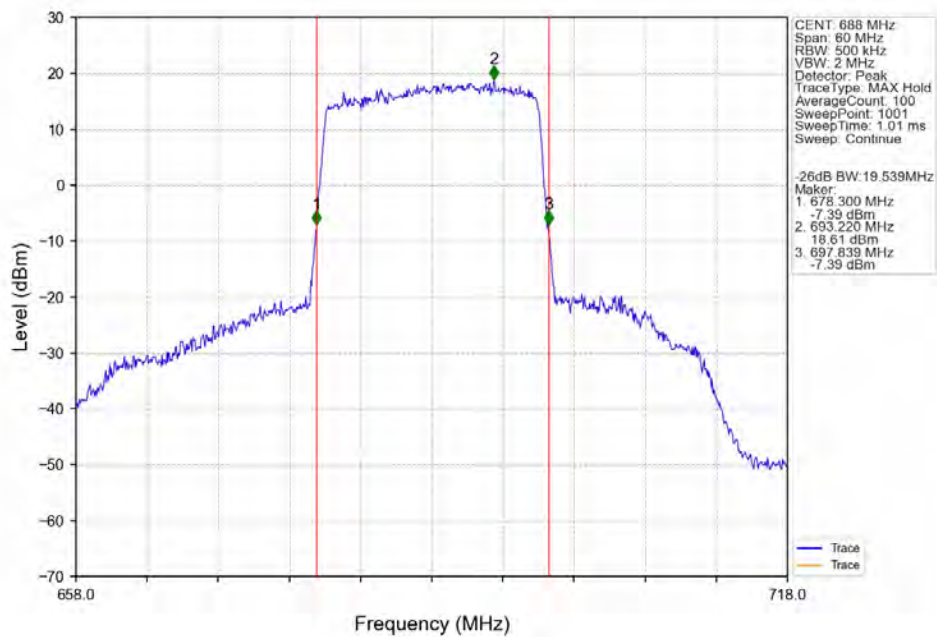
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



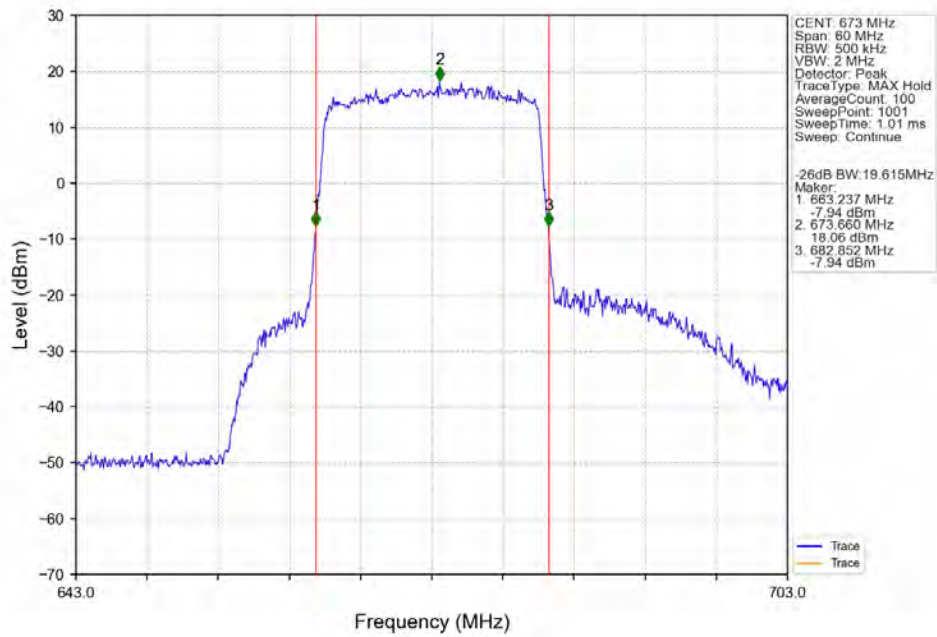
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



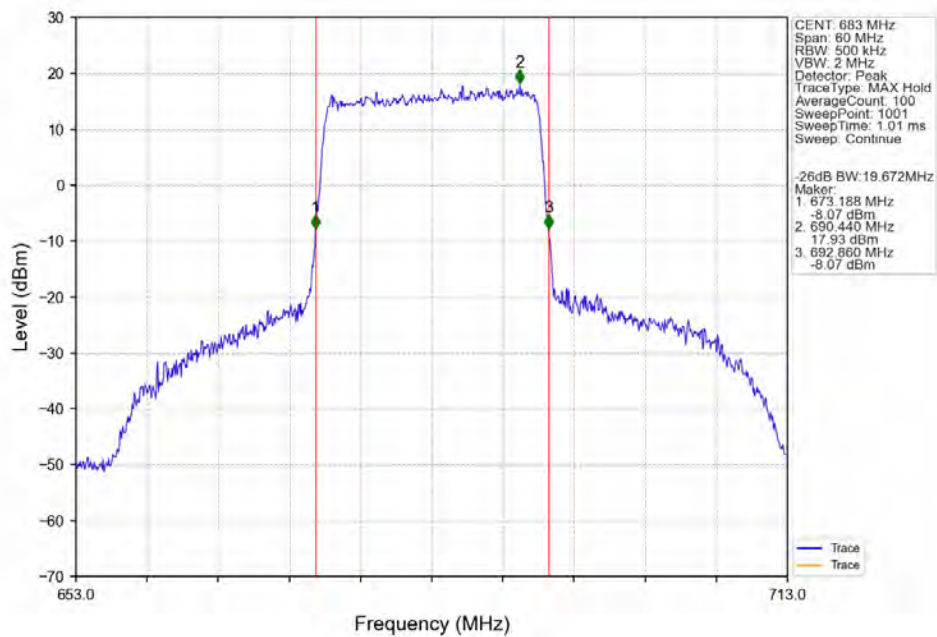
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



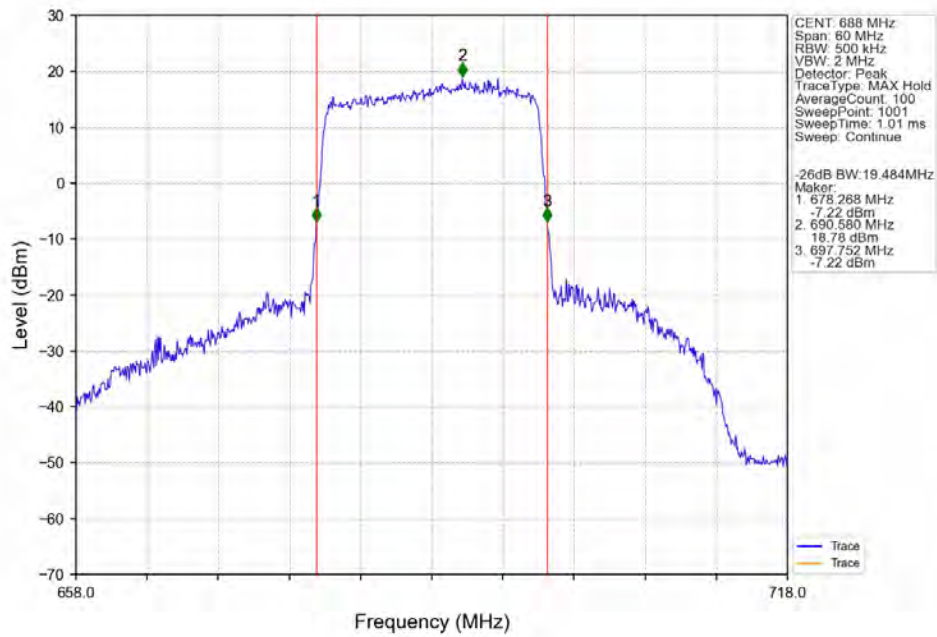
Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTNV



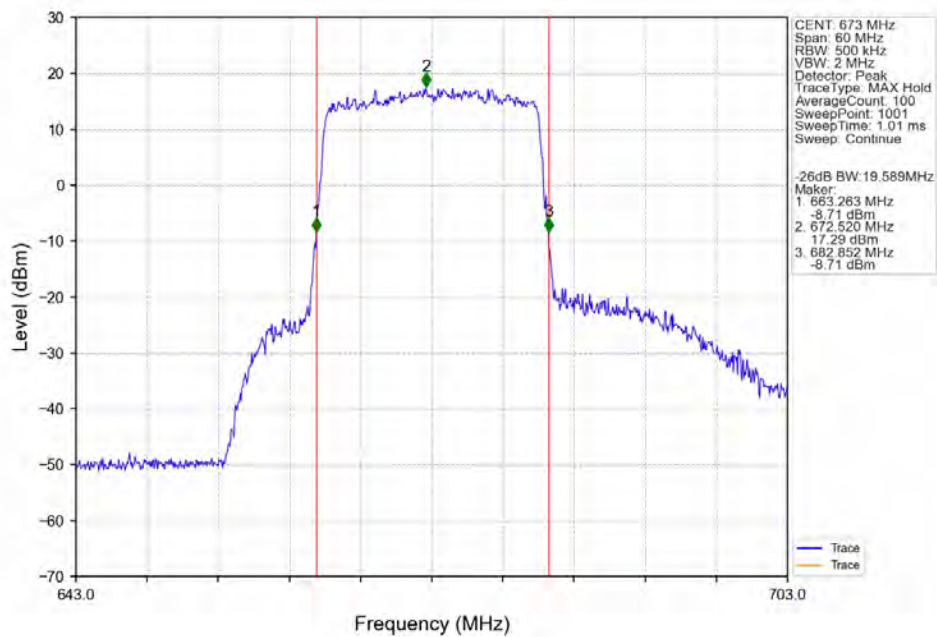
Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTNV



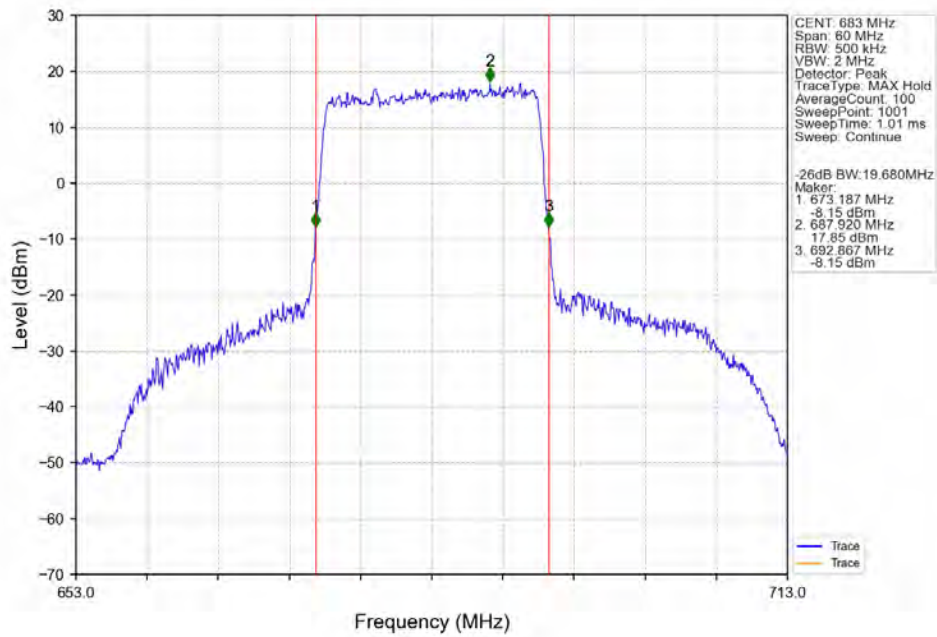
Band71 20MHz 16QAM HCH 688MHz RB 100 0 NTNV



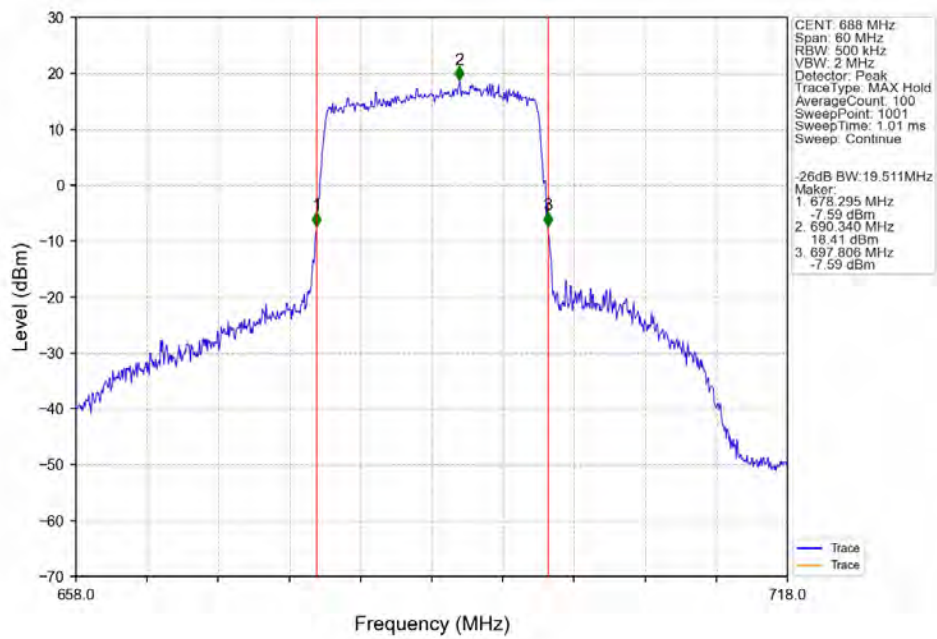
Band71 20MHz 64QAM LCH 673MHz RB 100 0 NTNV



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



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



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	25	0	5.40	<=13	Pass
	680.5	25	0	5.40	<=13	Pass
	695.5	25	0	5.20	<=13	Pass
16QAM	665.5	25	0	6.04	<=13	Pass
	680.5	25	0	6.04	<=13	Pass
	695.5	25	0	5.84	<=13	Pass
64QAM	665.5	25	0	5.92	<=13	Pass
	680.5	25	0	5.90	<=13	Pass
	695.5	25	0	5.88	<=13	Pass

4.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	668	50	0	5.40	<=13	Pass
	680.5	50	0	5.46	<=13	Pass
	693	50	0	5.22	<=13	Pass
16QAM	668	50	0	6.06	<=13	Pass
	680.5	50	0	6.06	<=13	Pass
	693	50	0	5.92	<=13	Pass
64QAM	668	50	0	6.00	<=13	Pass
	680.5	50	0	6.06	<=13	Pass
	693	50	0	5.98	<=13	Pass

4.1.3 B71_15MHz

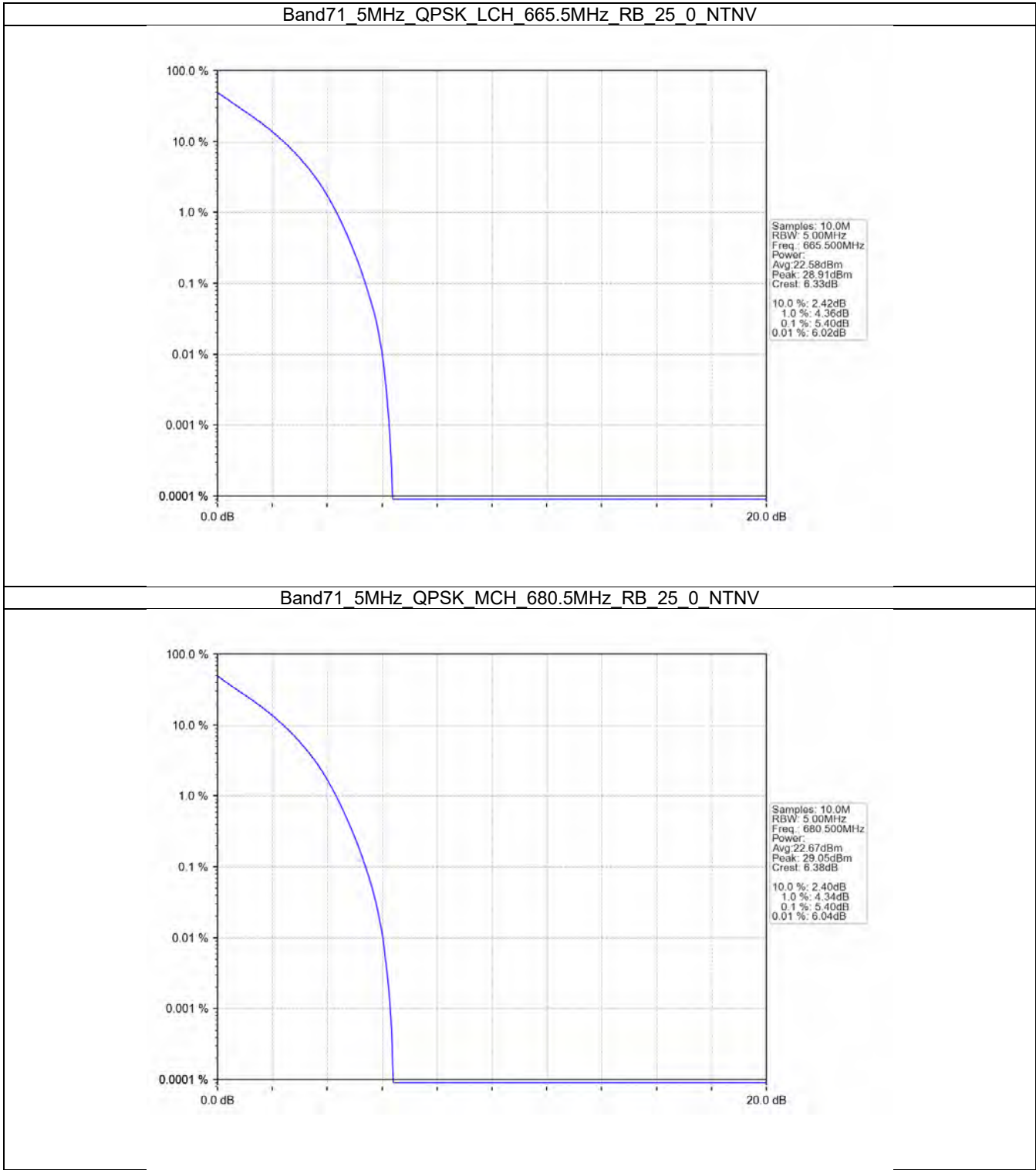
Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	5.30	<=13	Pass
	680.5	75	0	5.38	<=13	Pass
	690.5	75	0	5.10	<=13	Pass
16QAM	670.5	75	0	5.94	<=13	Pass
	680.5	75	0	6.00	<=13	Pass
	690.5	75	0	5.92	<=13	Pass
64QAM	670.5	75	0	5.88	<=13	Pass
	680.5	75	0	5.94	<=13	Pass
	690.5	75	0	5.86	<=13	Pass

4.1.4 B71_20MHz

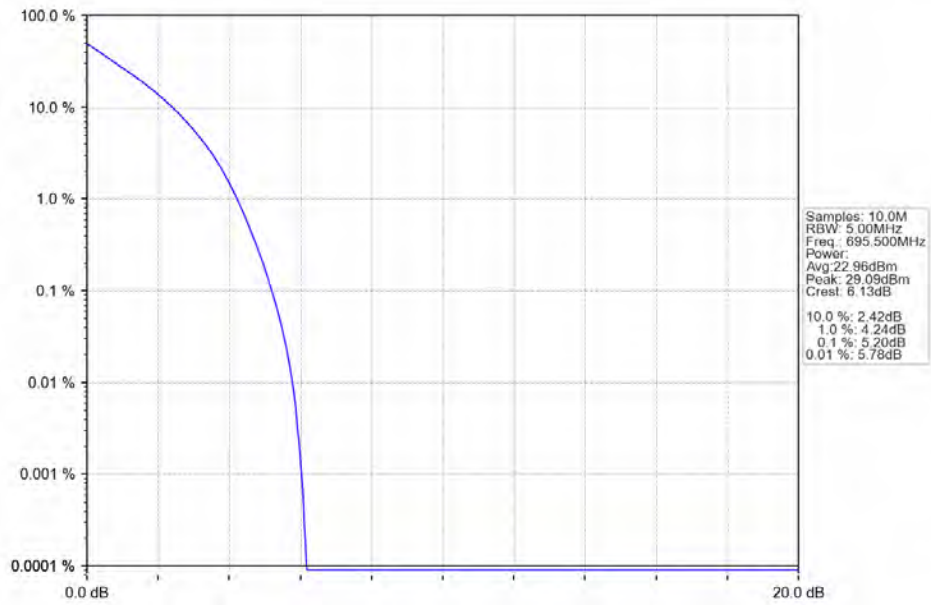
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.16	<=13	Pass
	683	100	0	5.50	<=13	Pass
	688	100	0	5.22	<=13	Pass
16QAM	673	100	0	6.00	<=13	Pass
	683	100	0	6.16	<=13	Pass
	688	100	0	6.02	<=13	Pass
64QAM	673	100	0	5.94	<=13	Pass
	683	100	0	6.08	<=13	Pass
	688	100	0	6.04	<=13	Pass

4.2 Test Graph

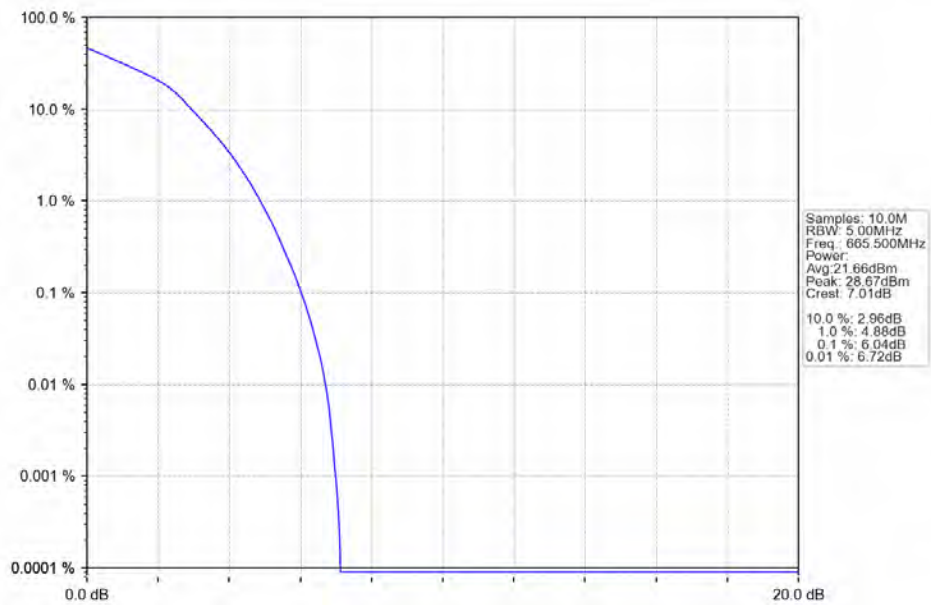
4.2.1 B71_5MHz



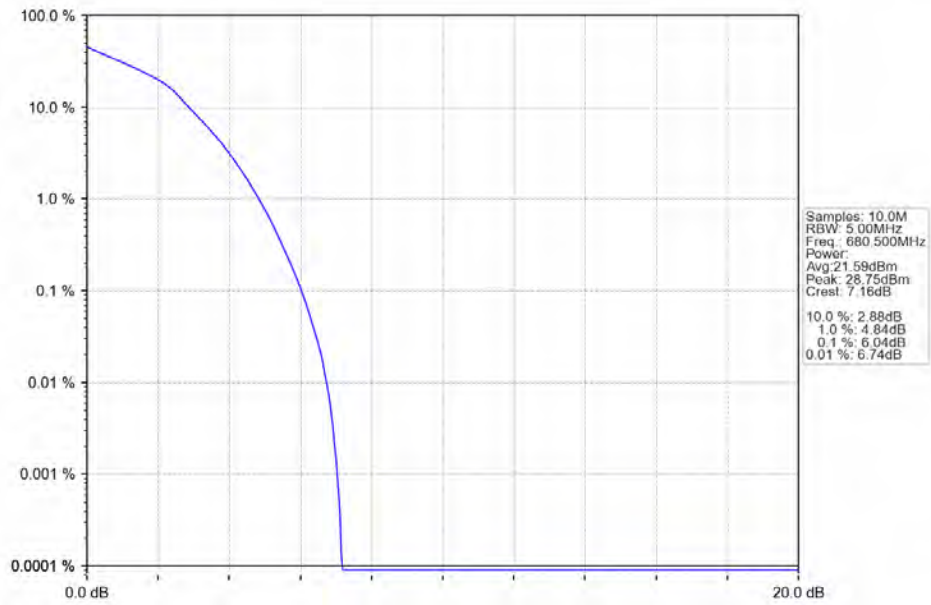
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



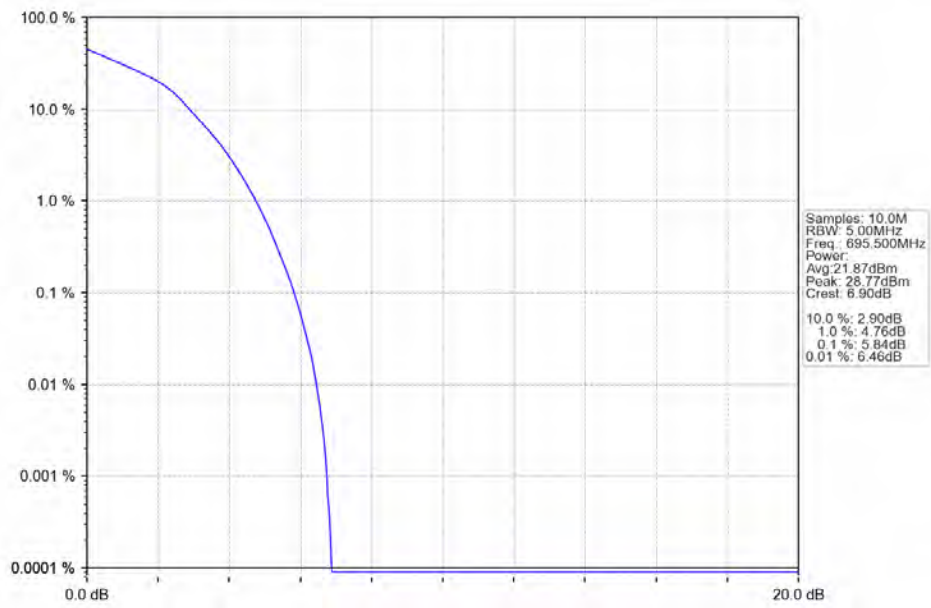
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



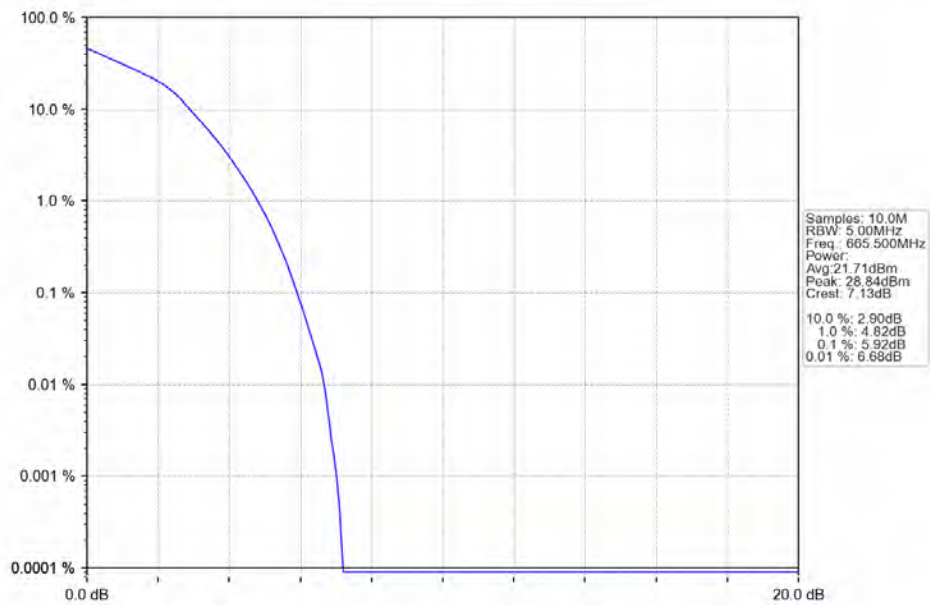
Band71 5MHz 16QAM MCH 680.5MHz RB 25 0 NTNV



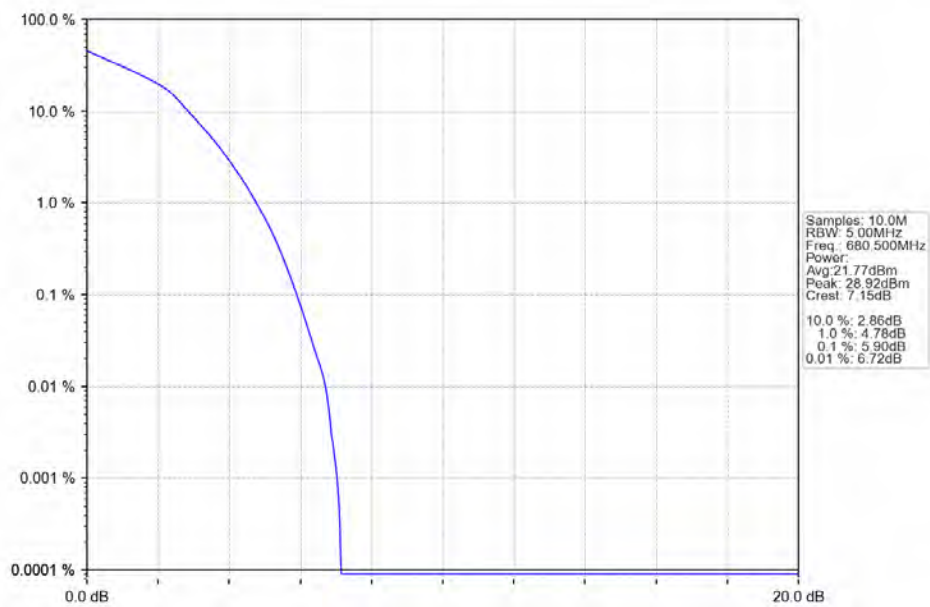
Band71 5MHz 16QAM HCH 695.5MHz RB 25 0 NTNV



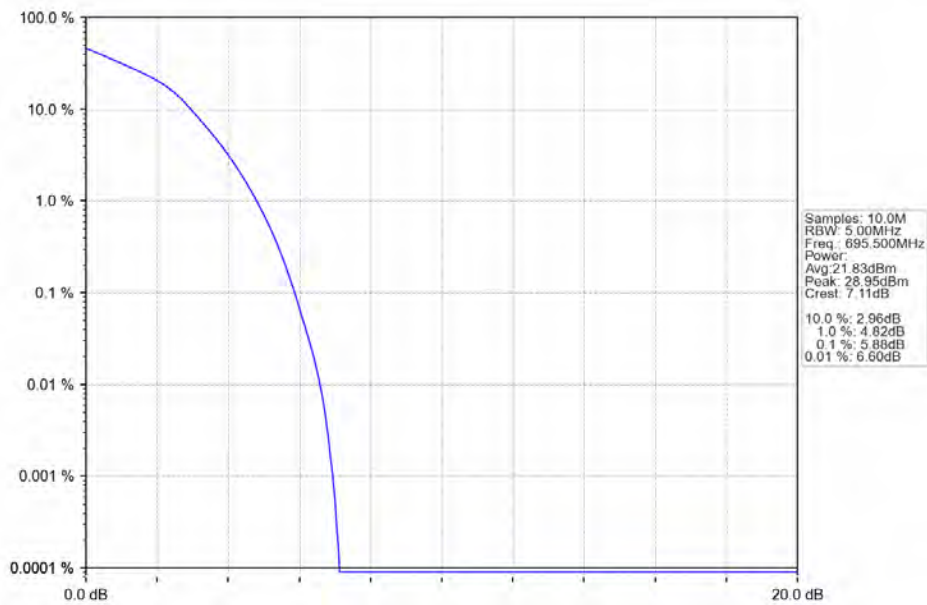
Band71_5MHz_64QAM_LCH_665.5MHz_RB_25_0_NTNV



Band71_5MHz_64QAM_MCH_680.5MHz_RB_25_0_NTNV

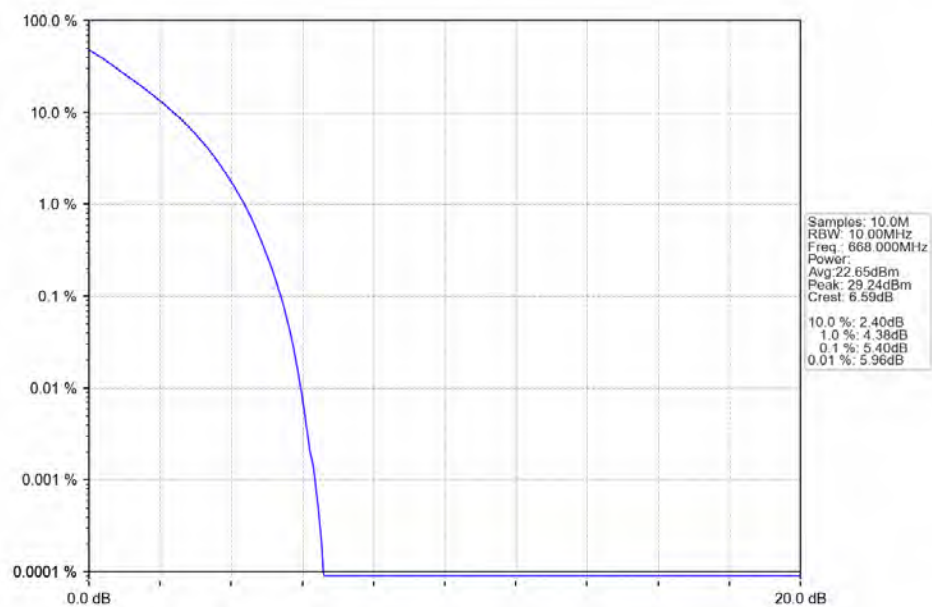


Band71_5MHz_64QAM_HCH_695.5MHz_RB_25_0_NTNV

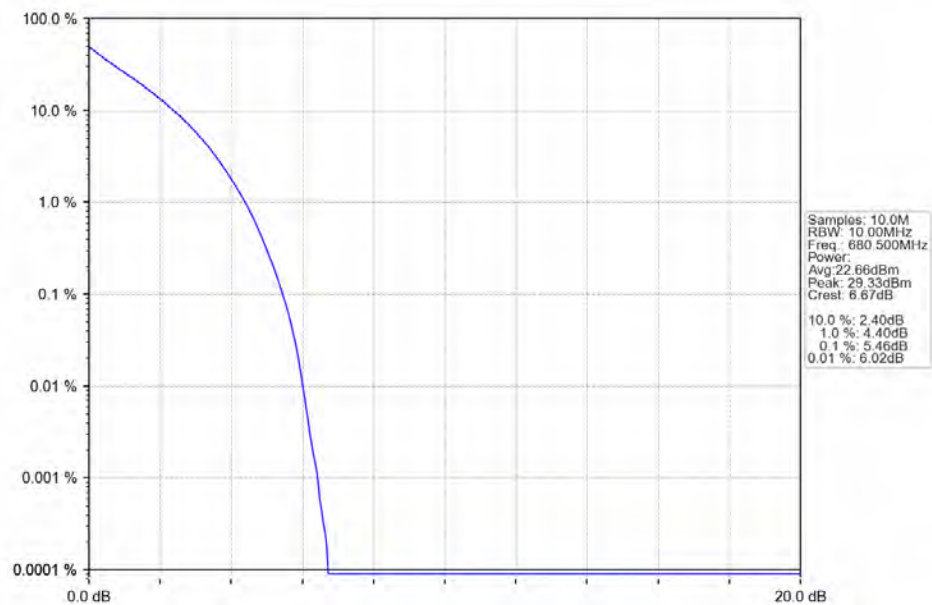


4.2.2 B71_10MHz

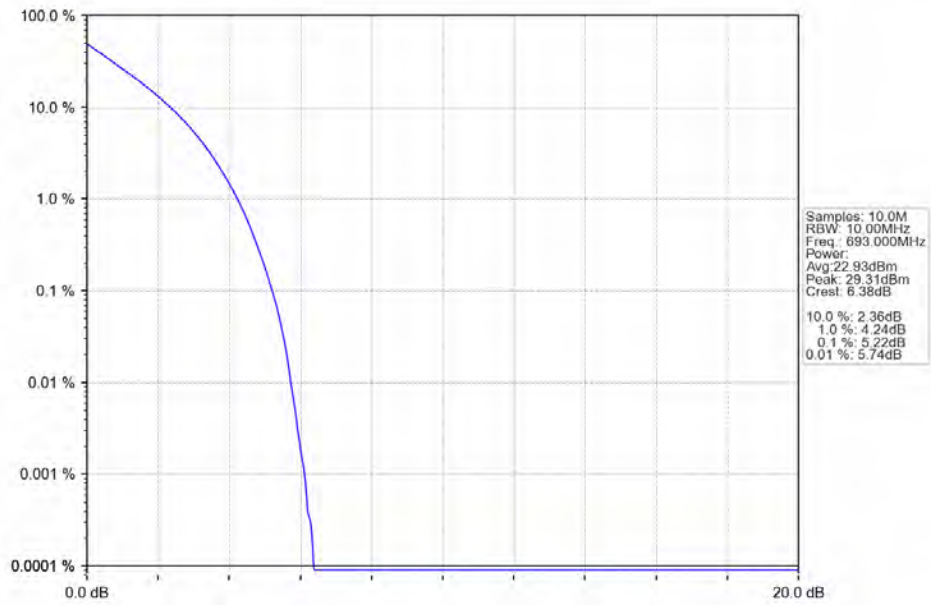
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



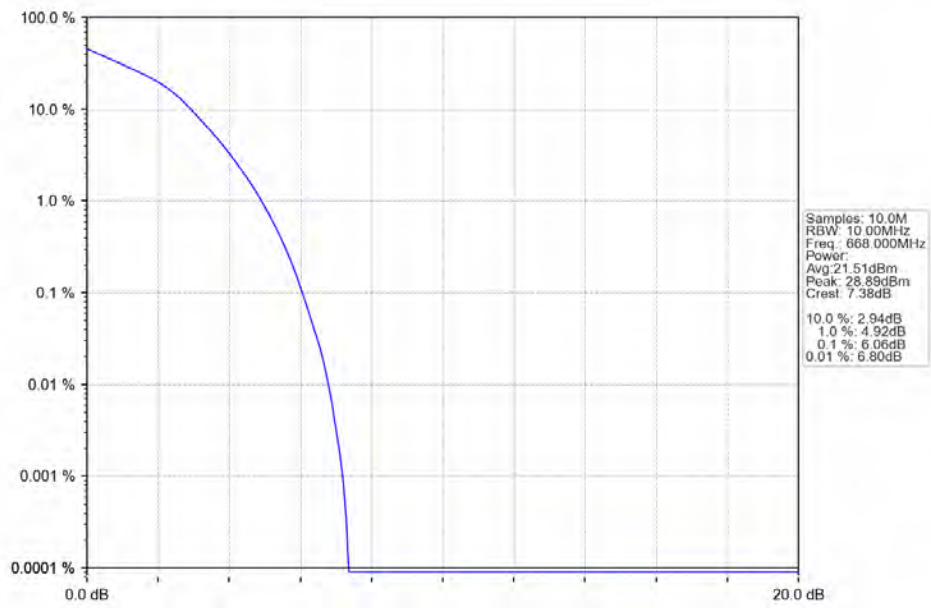
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



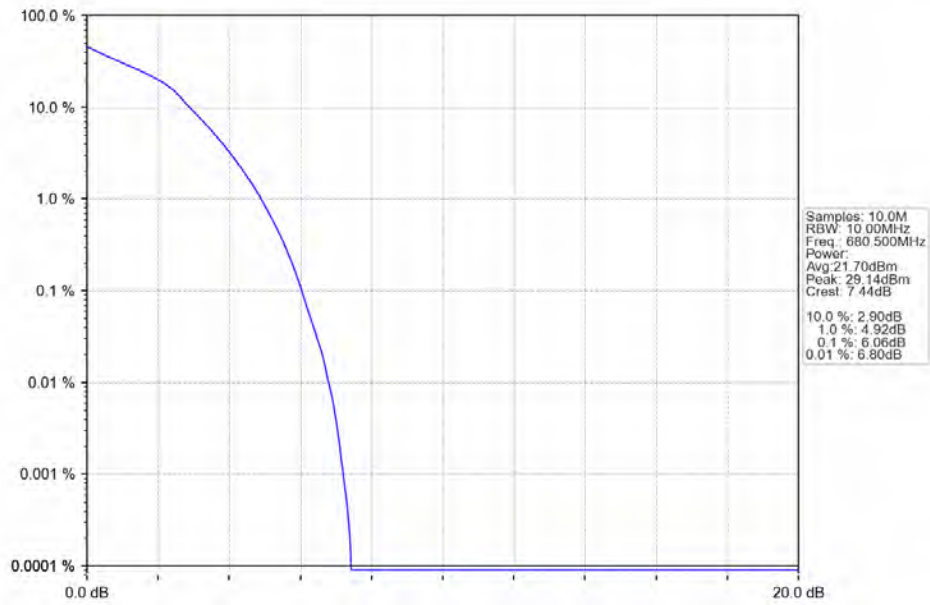
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



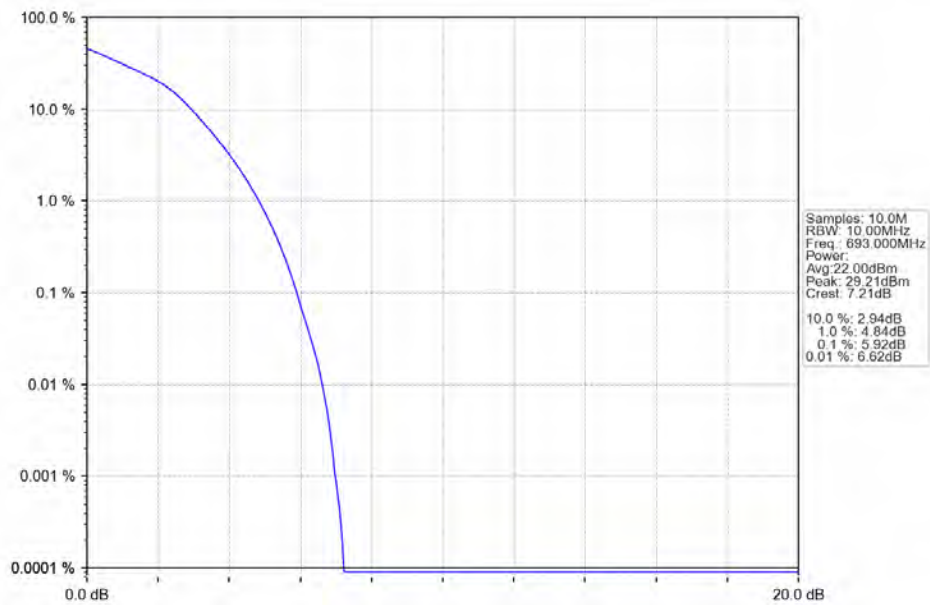
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



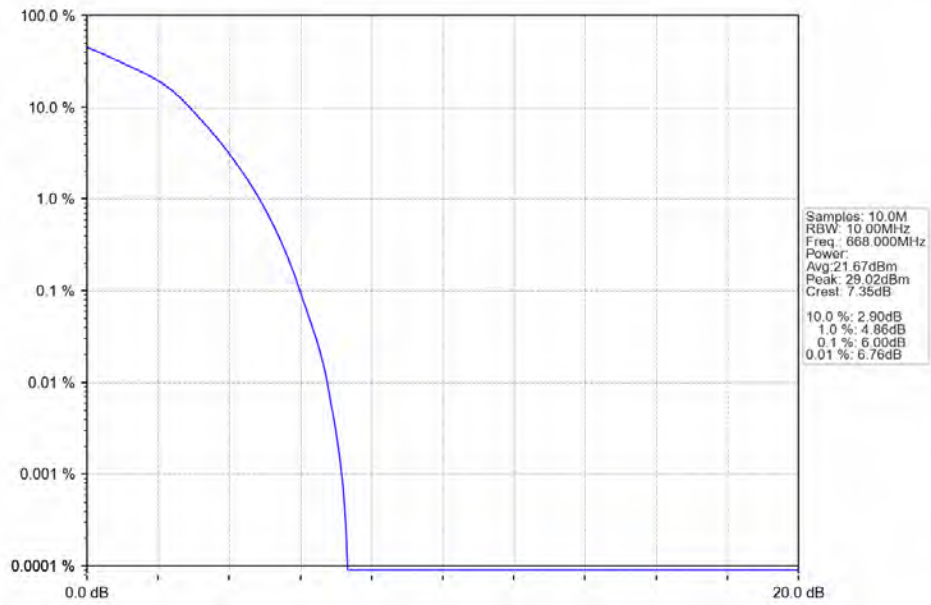
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



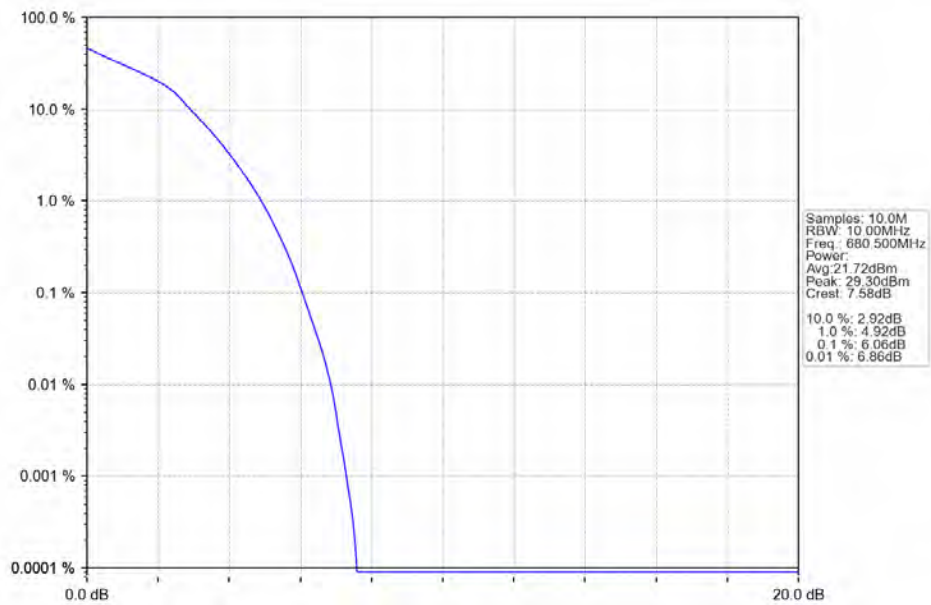
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



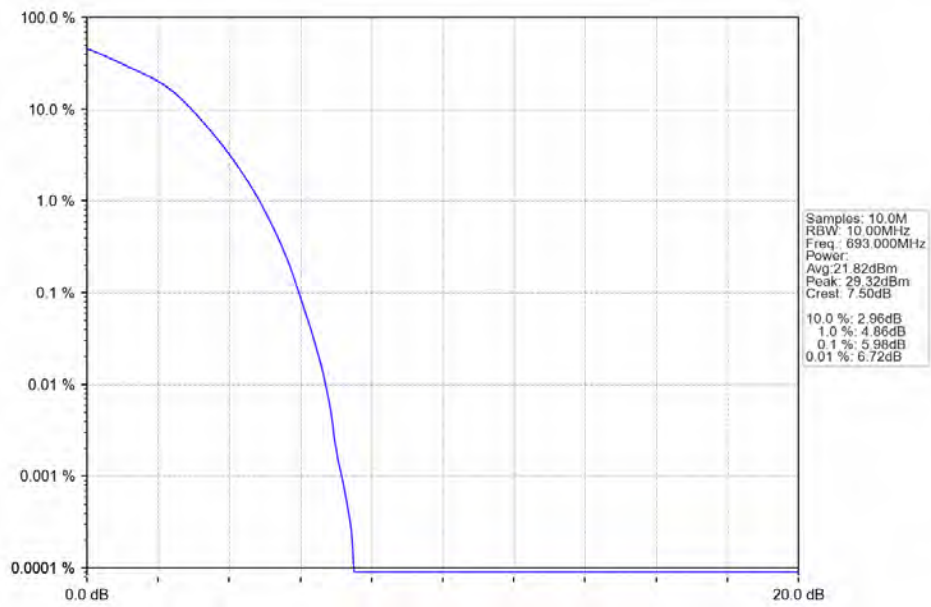
Band71_10MHz_64QAM_LCH_668MHz_RB_50_0_NTNV



Band71_10MHz_64QAM_MCH_680.5MHz_RB_50_0_NTNV

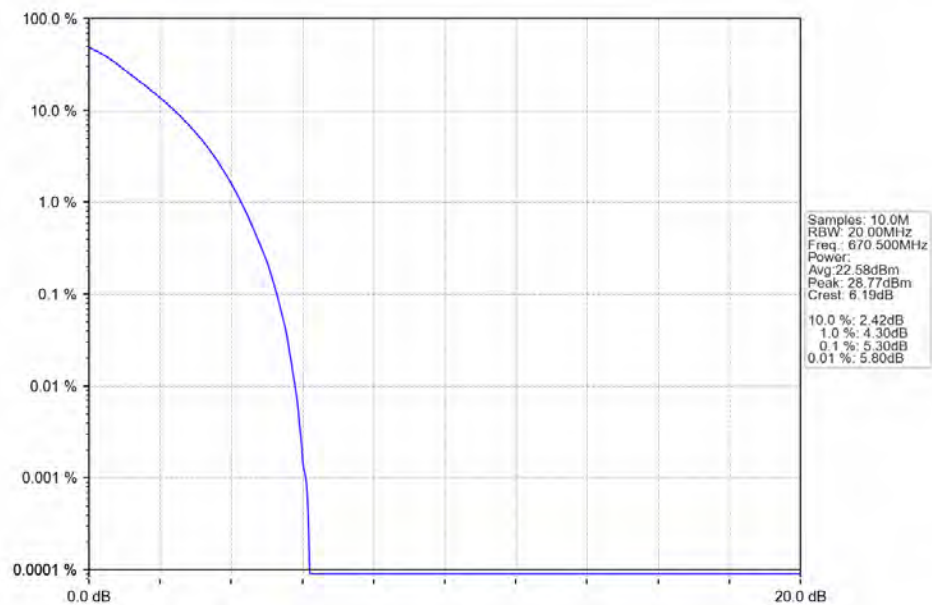


Band71_10MHz_64QAM_HCH_693MHz_RB_50_0_NTNV

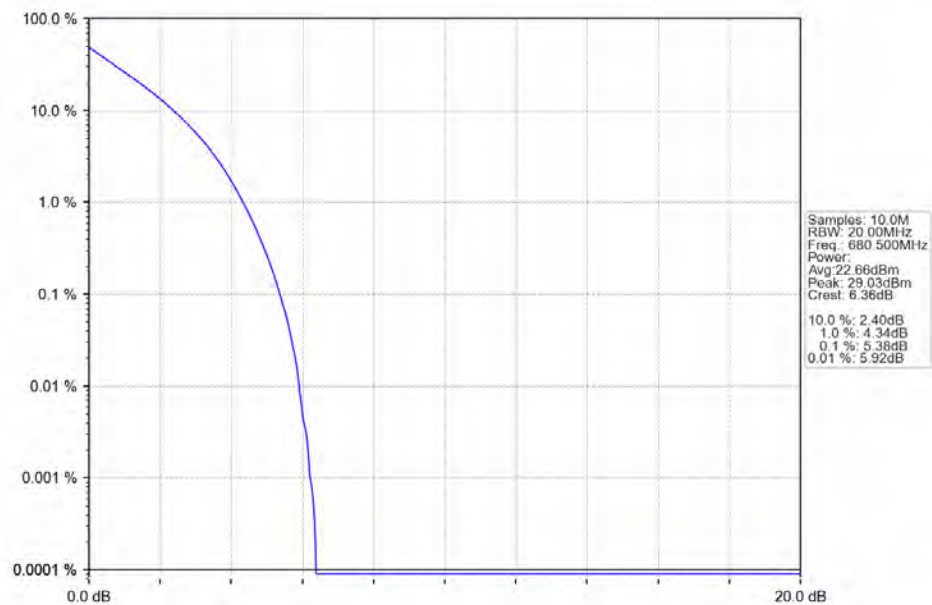


4.2.3 B71_15MHz

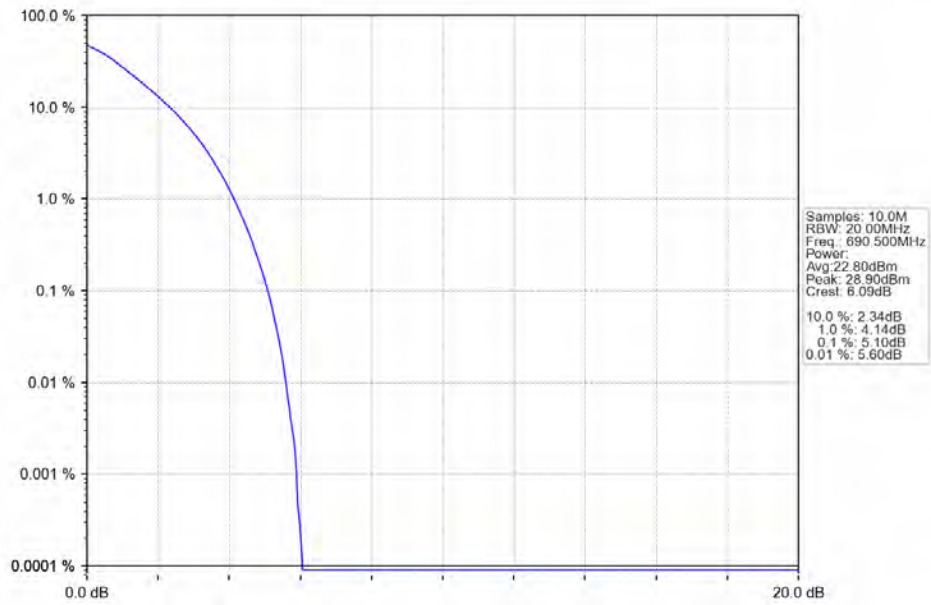
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



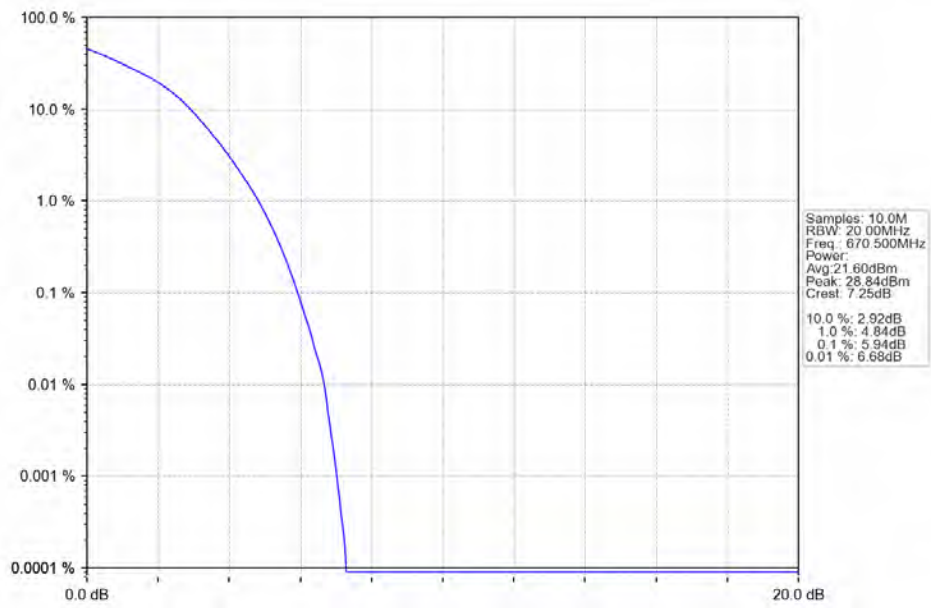
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



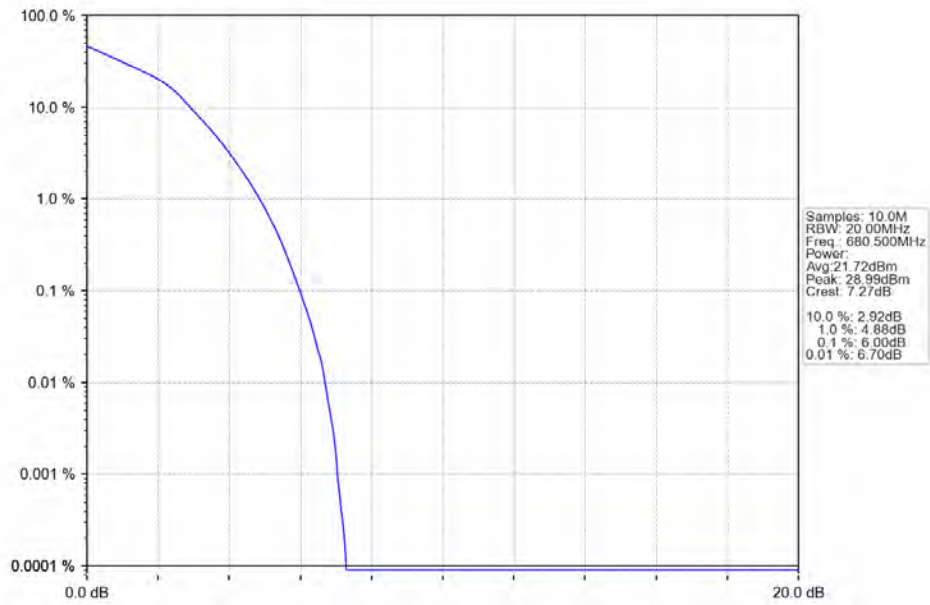
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



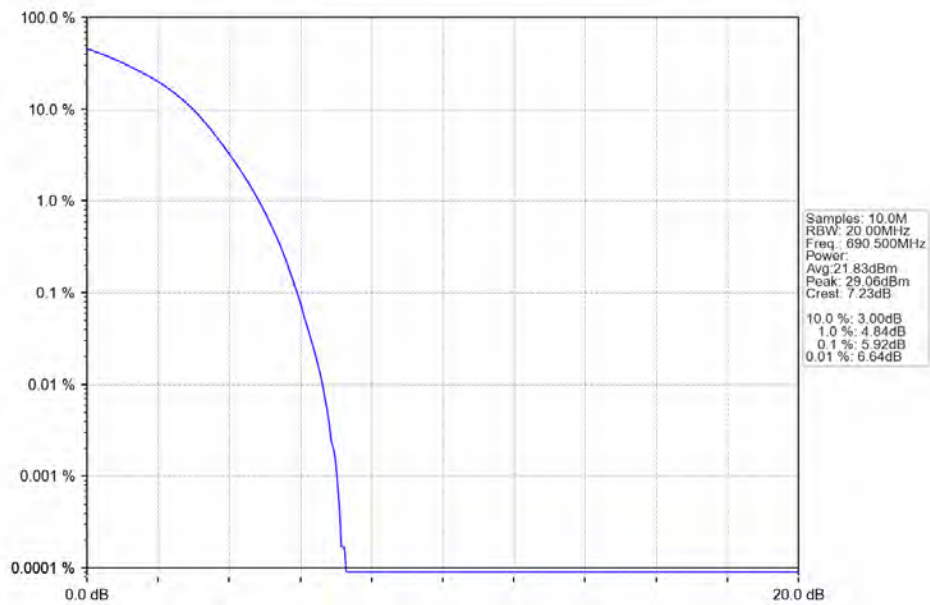
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



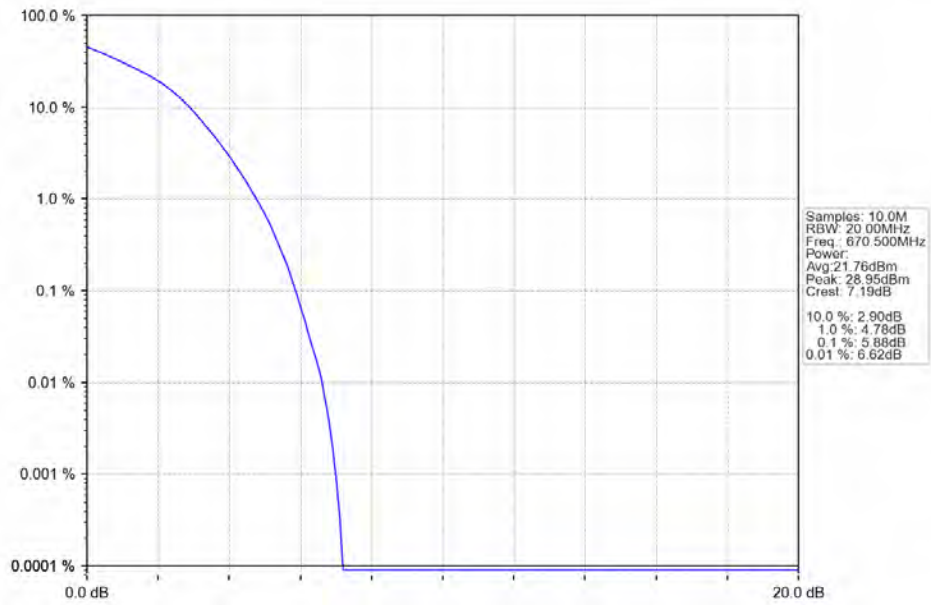
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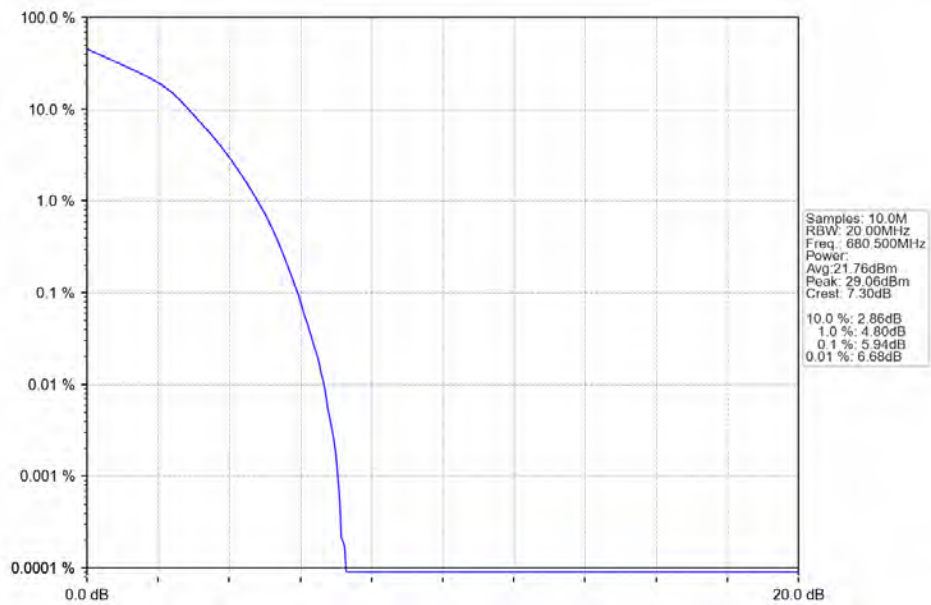
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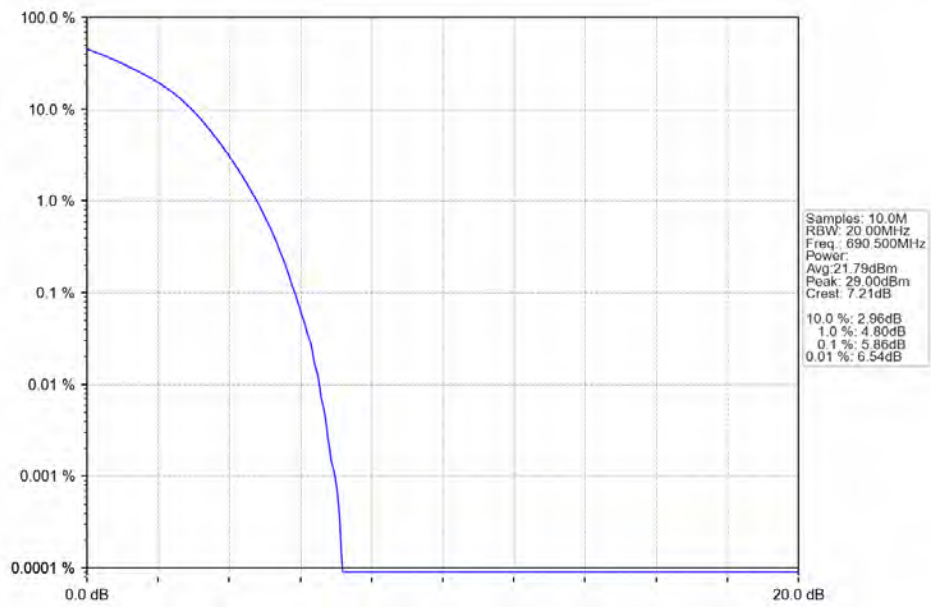
Band71_15MHz_64QAM_LCH_670.5MHz_RB_75_0_NTNV



Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV

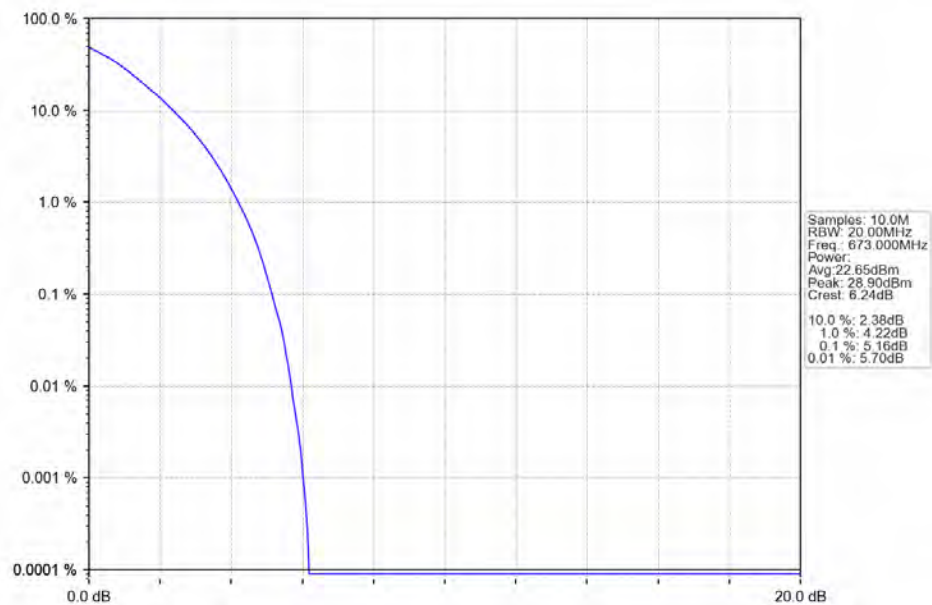


Band71_15MHz_64QAM_HCH_690.5MHz_RB_75_0_NTNV

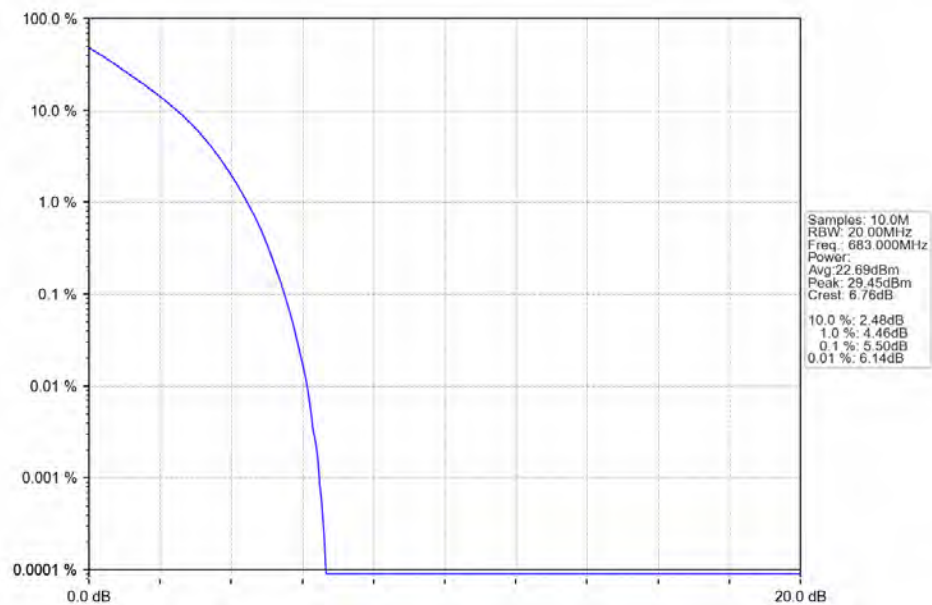


4.2.4 B71_20MHz

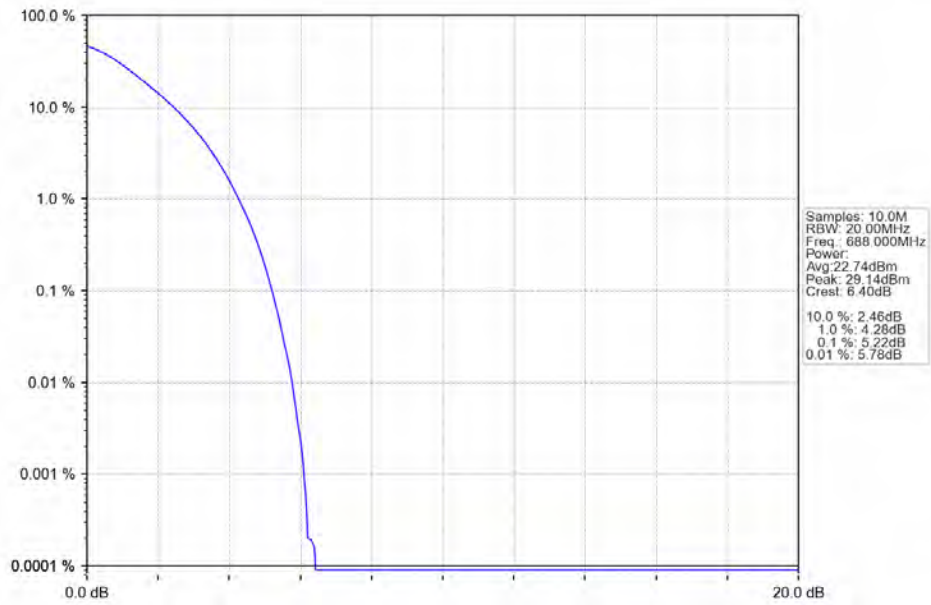
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



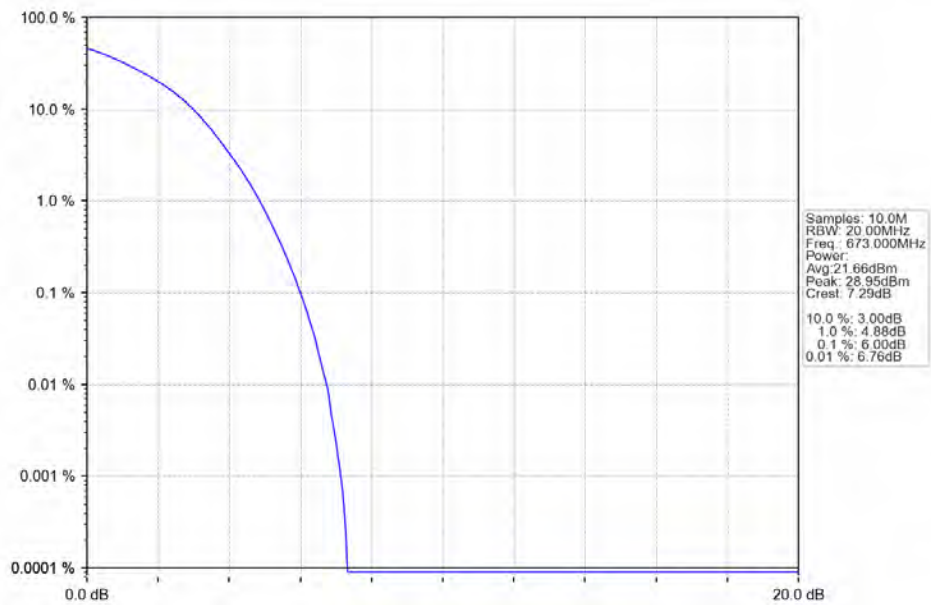
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



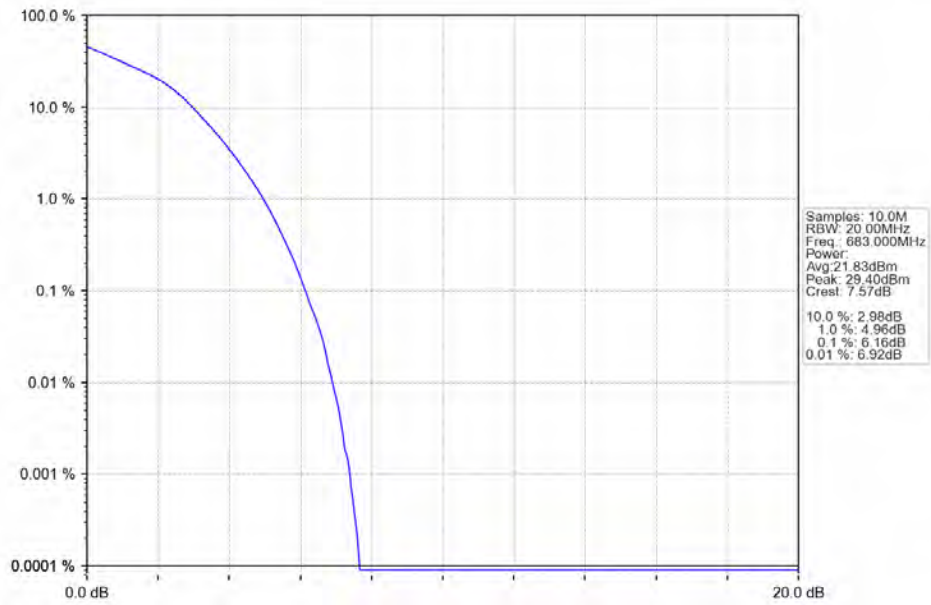
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



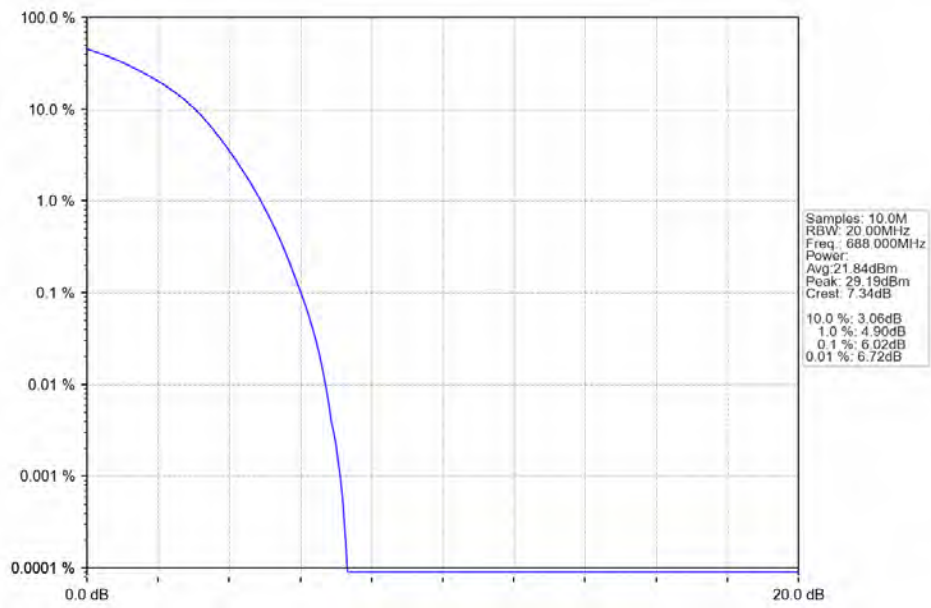
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



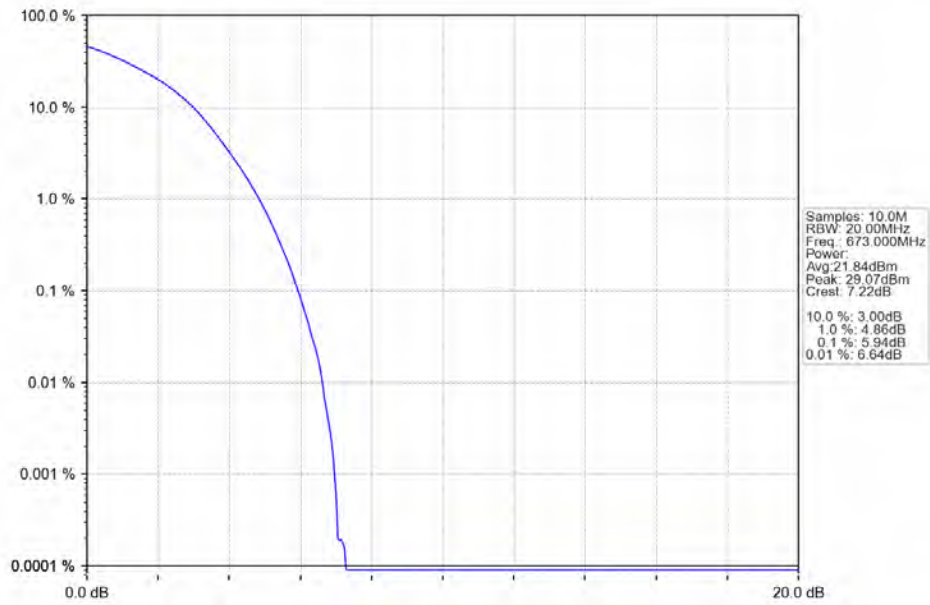
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



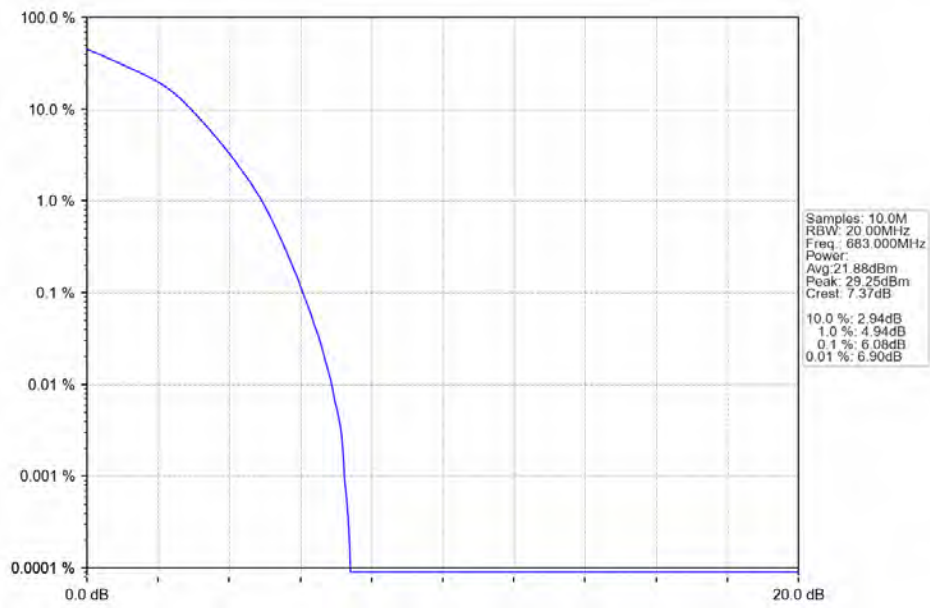
Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



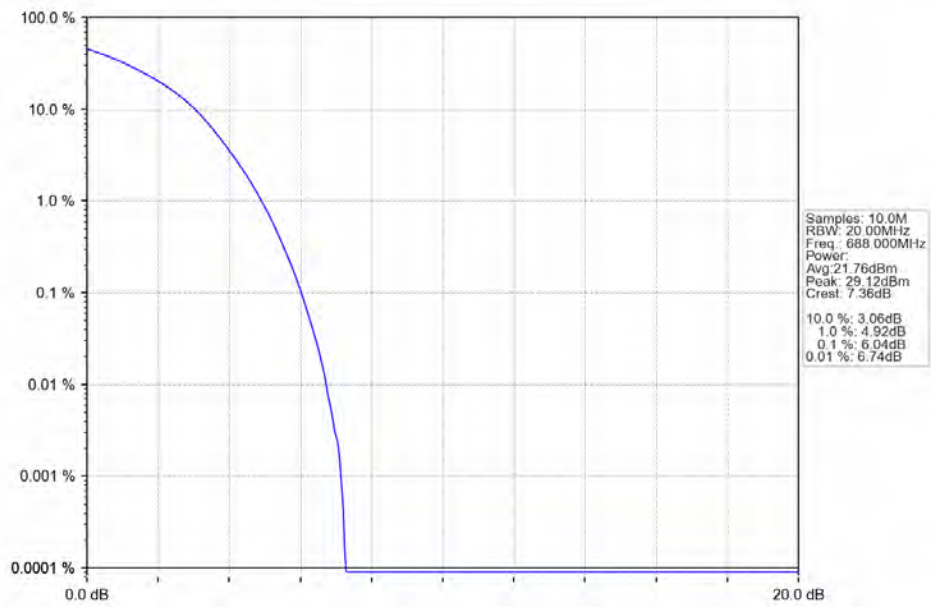
Band71 20MHz 64QAM LCH 673MHz RB 100 0 NTNV



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



Band71_20MHz_64QAM_HCH_688MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B71_5MHz

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 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

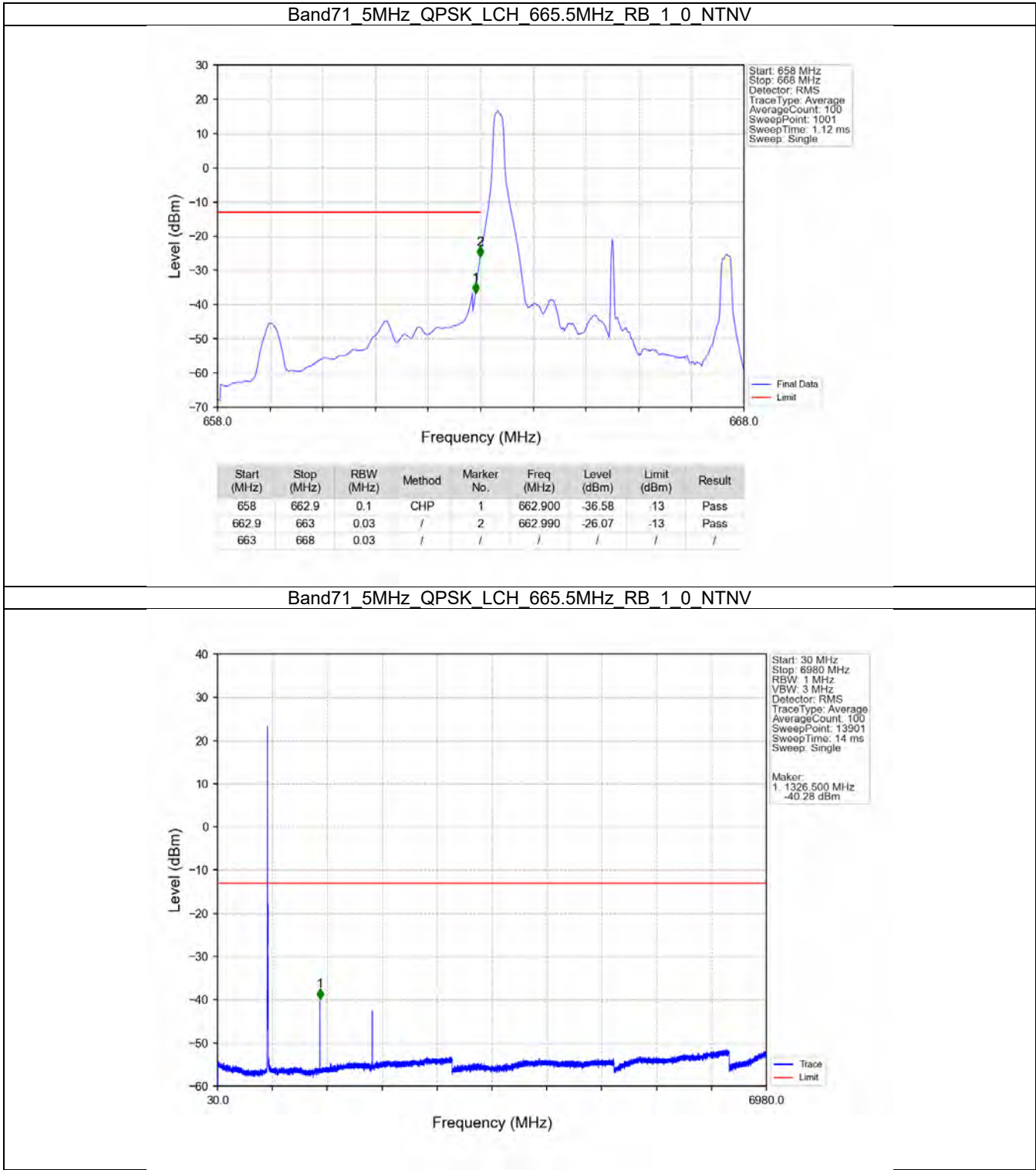
Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	690.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B71_20MHz

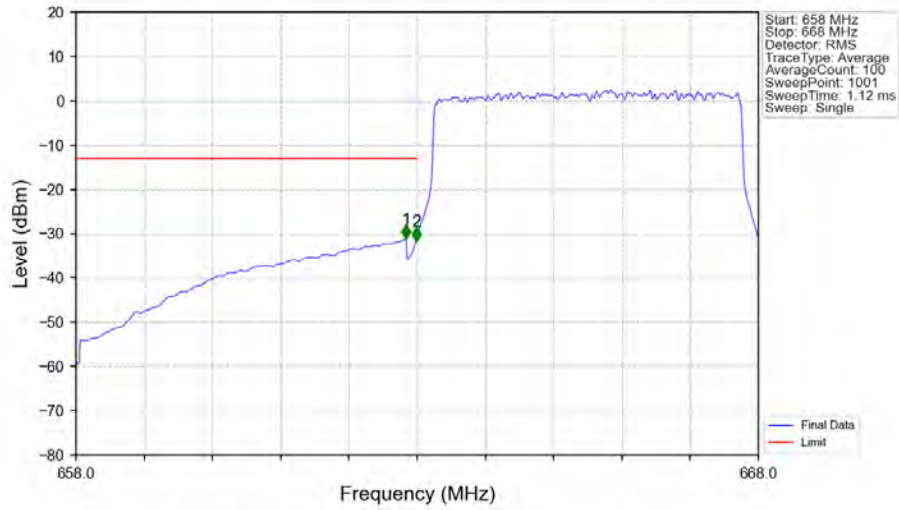
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	673	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	683	1	0	Refer To Test Graph		Pass
	688	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

5.2.1 B71_5MHz

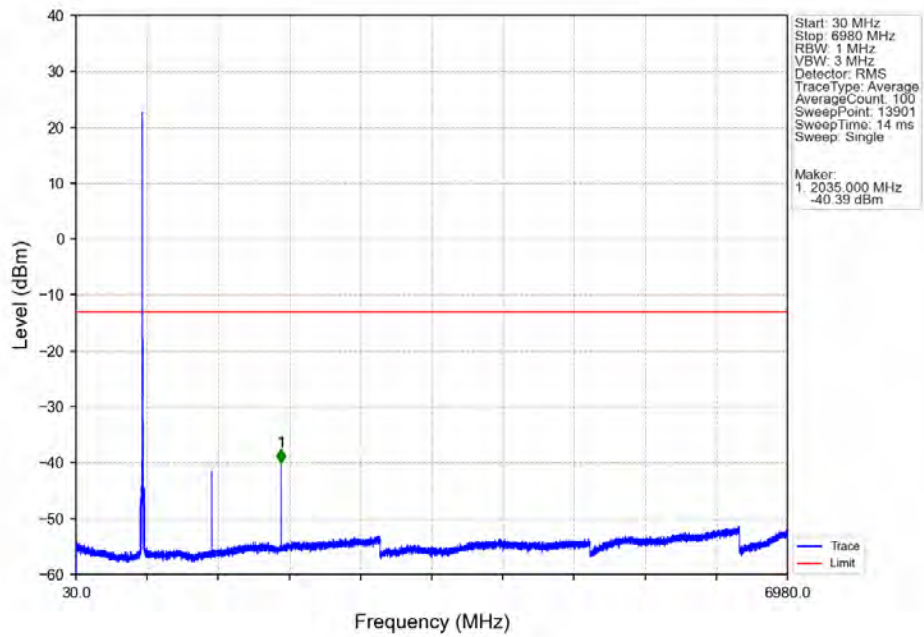


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV

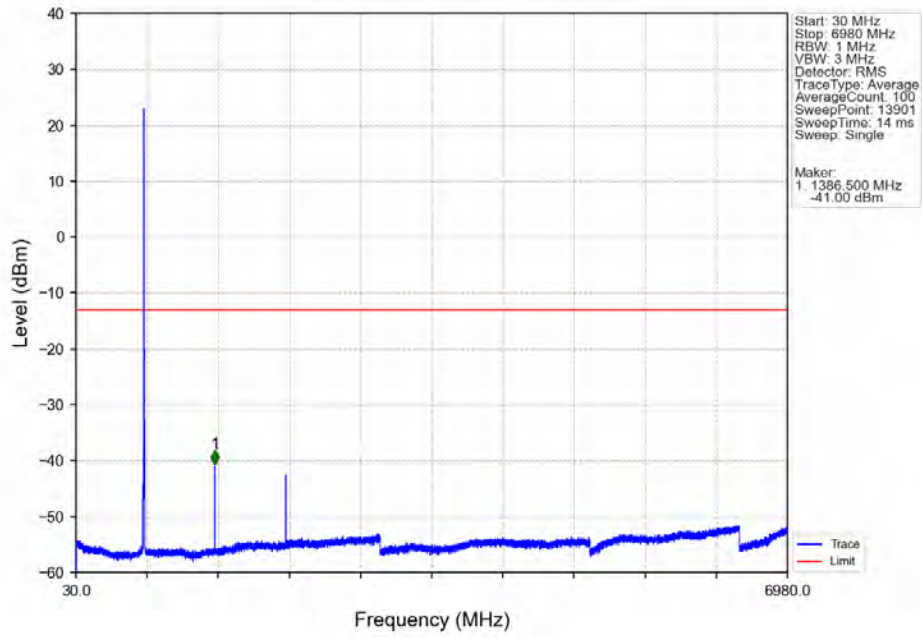


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-31.08	-13	Pass
662.9	663	0.03	/	2	662.990	-31.63	-13	Pass
663	668	0.03	/	/	/	/	/	/

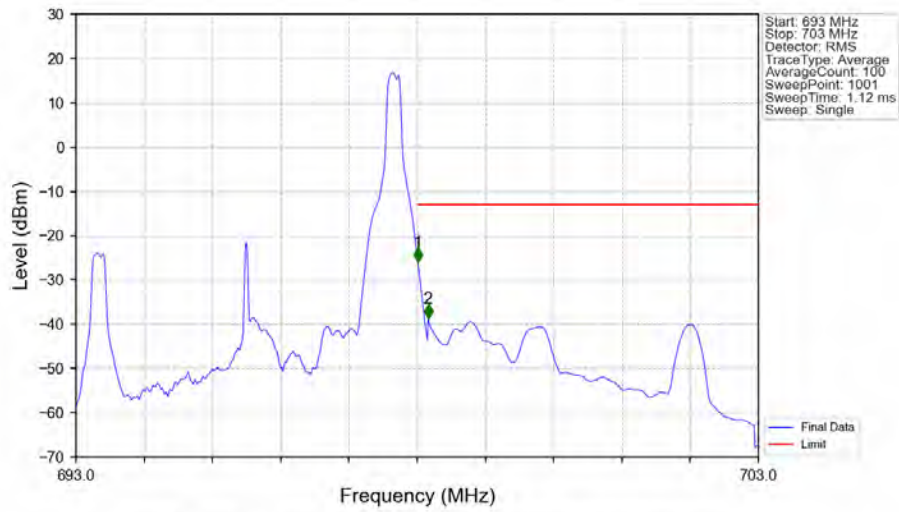
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71 5MHz QPSK HCH 695.5MHz RB 1 0 NTN

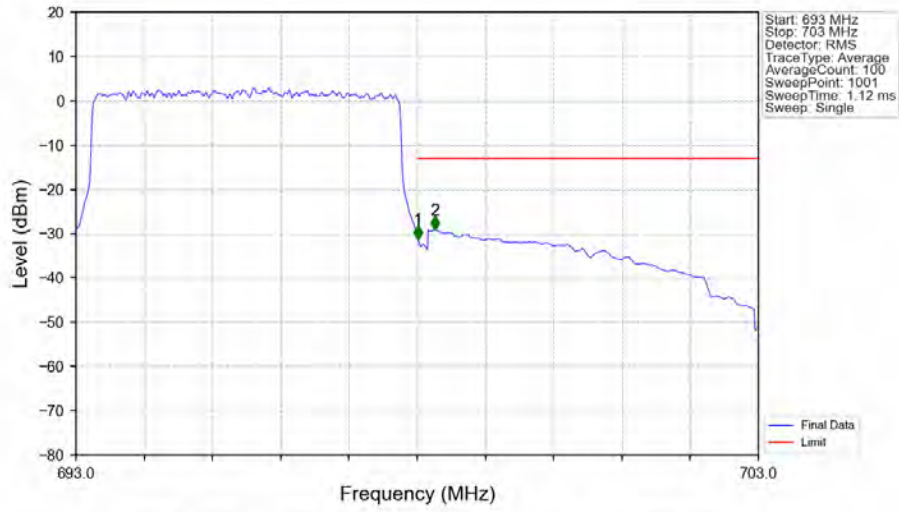


Band71 5MHz QPSK HCH 695.5MHz RB 1 24 NTN



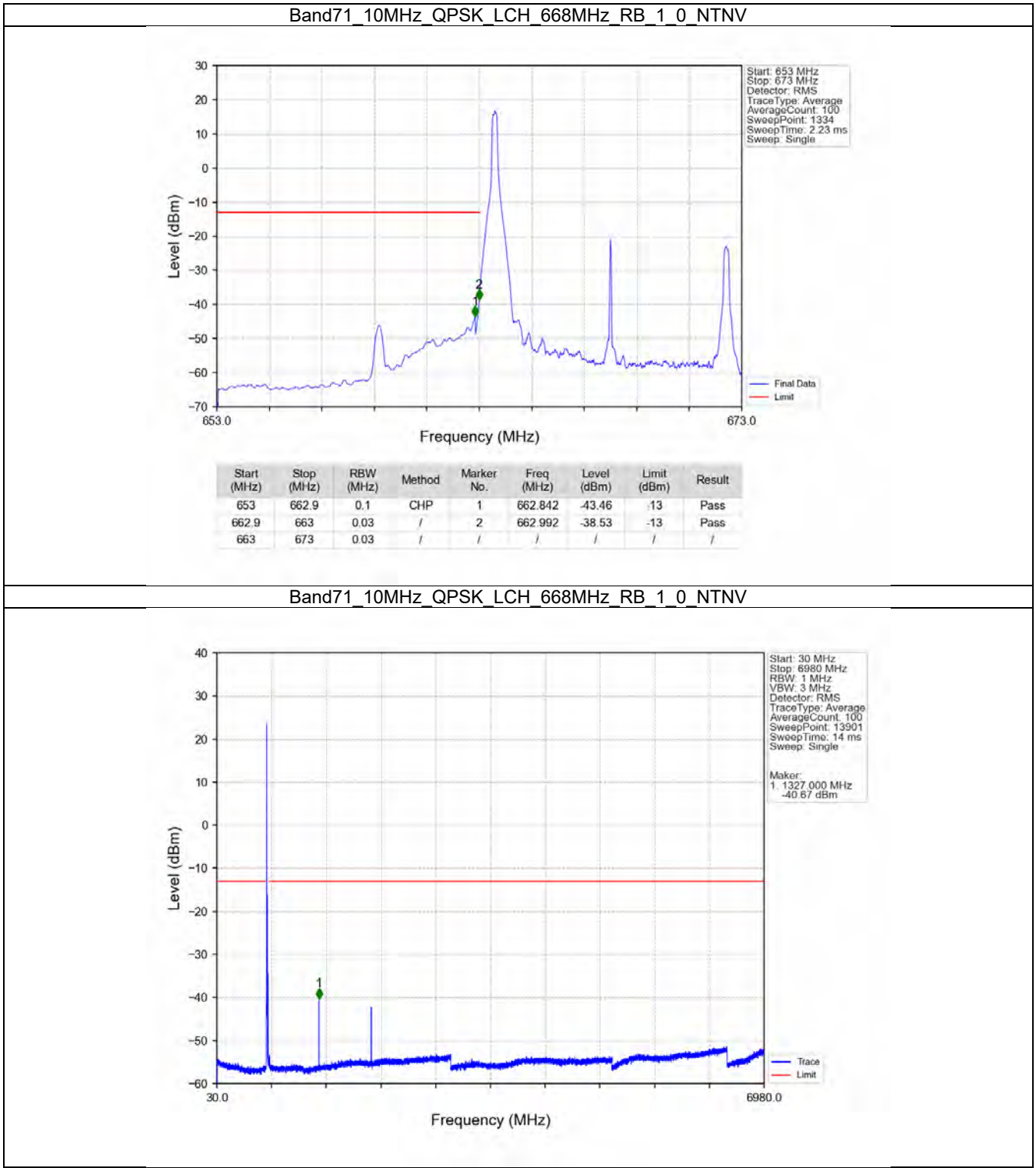
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.010	-25.89	-13	Pass
698.1	703	0.1	CHP	2	698.160	-38.56	-13	Pass

Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV

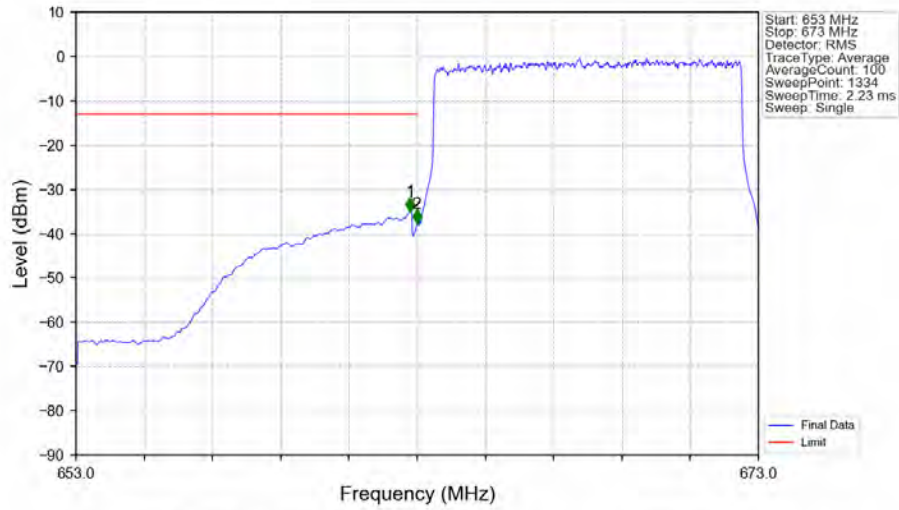


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.010	-31.24	-13	Pass
698.1	703	0.1	CHP	2	698.260	-29.14	-13	Pass

5.2.2 B71_10MHz

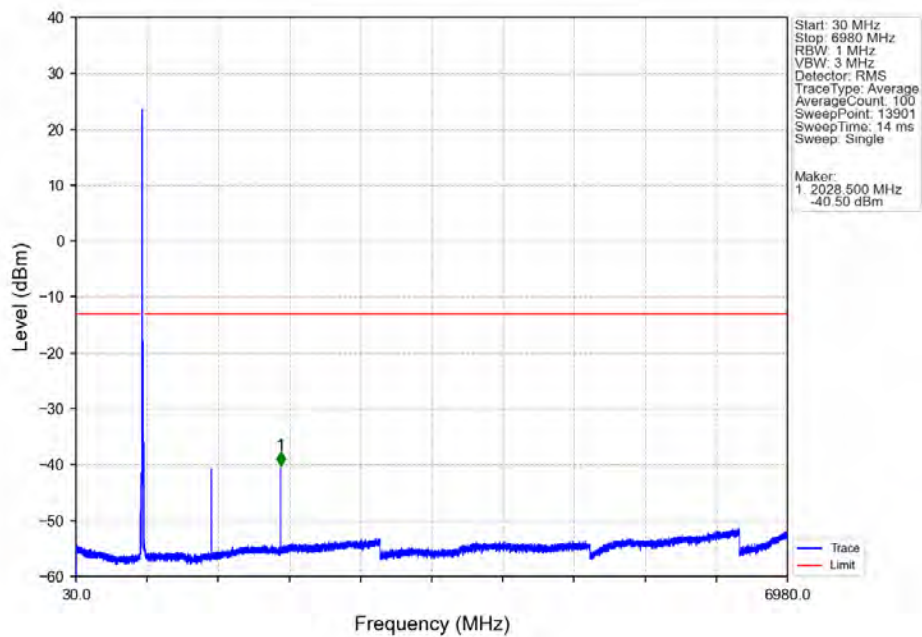


Band71 10MHz QPSK LCH 668MHz RB 50 0 NTNV

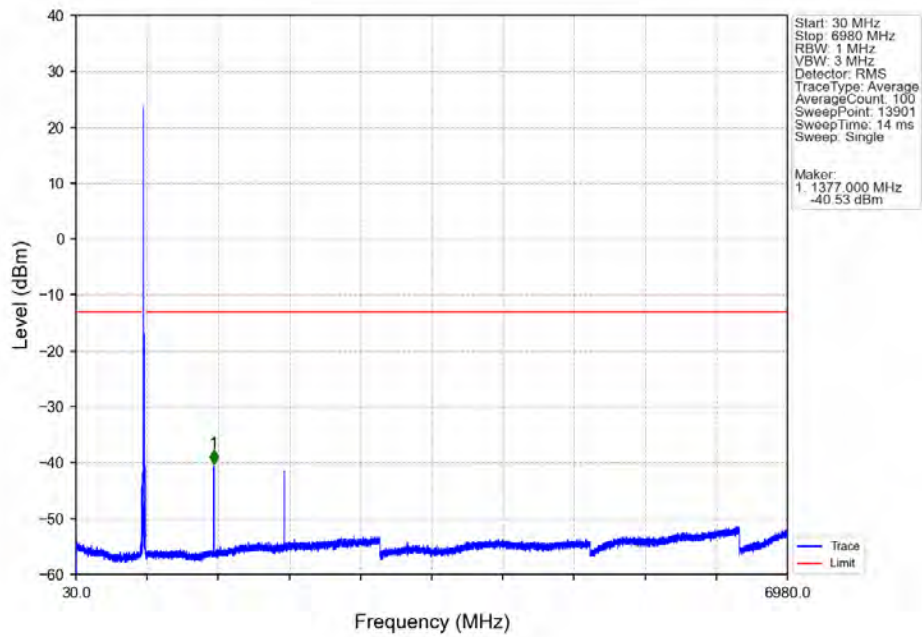


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.797	-34.87	-13	Pass
662.9	663	0.03	/	2	662.992	-37.66	-13	Pass
663	673	0.03	/	/	/	/	/	/

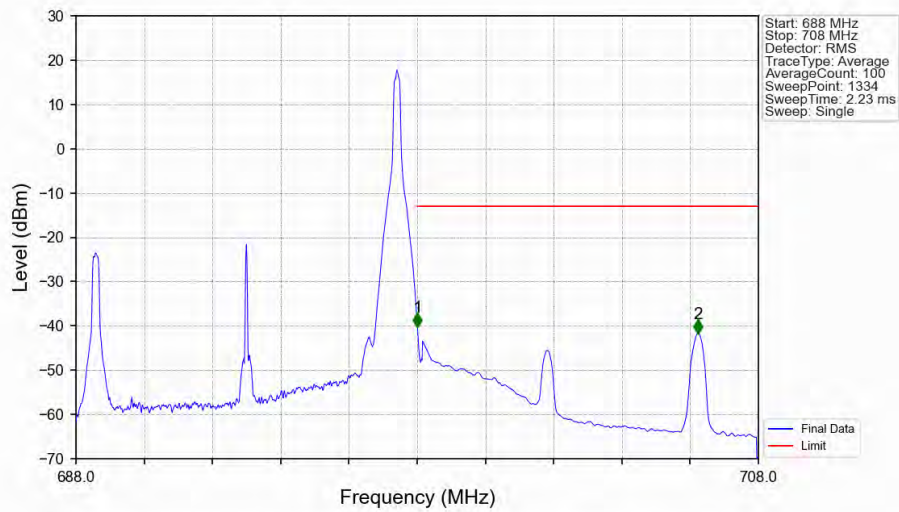
Band71 10MHz QPSK MCH 680.5MHz RB 1 0 NTNV



Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV

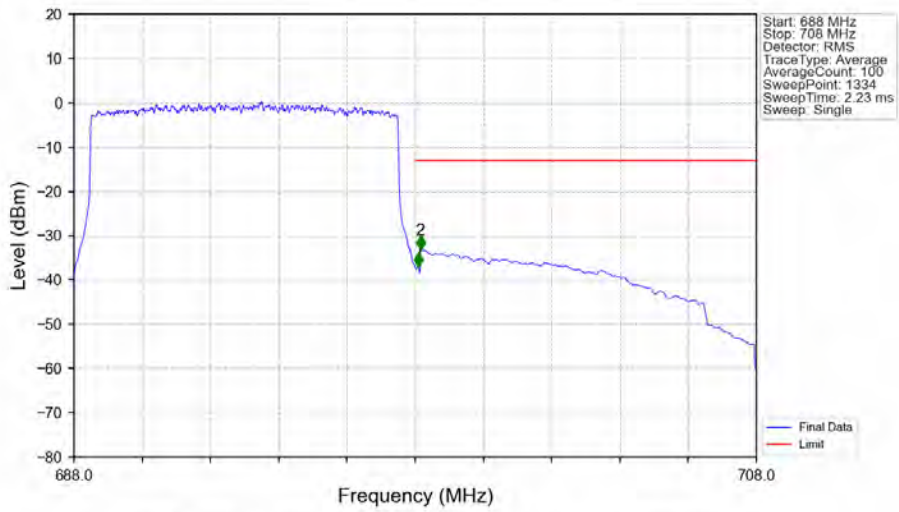


Band71_10MHz_QPSK_HCH_693MHz_RB_1_49_NTNV



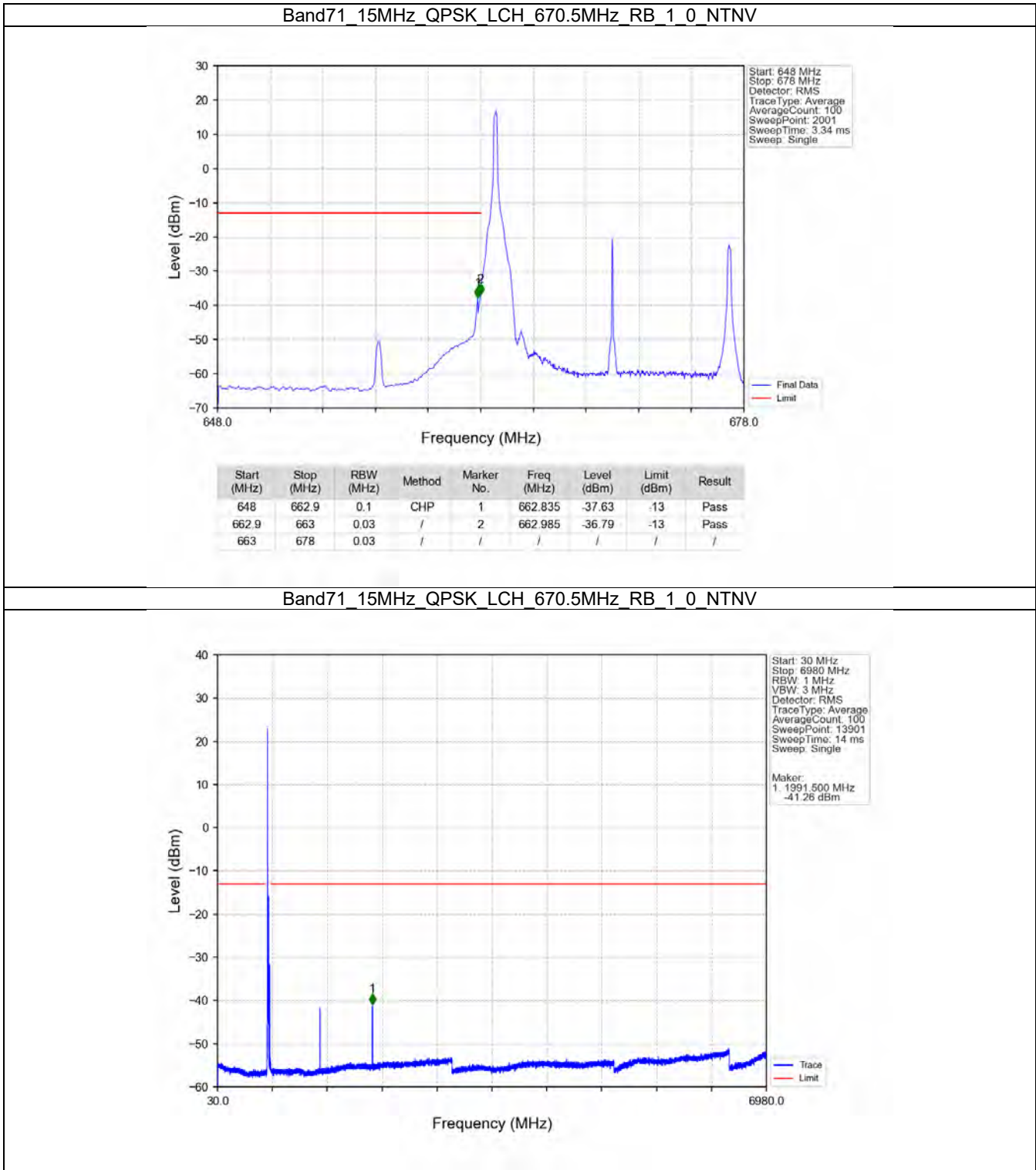
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.008	-40.23	-13	Pass
698.1	708	0.1	CHP	2	706.230	-41.63	-13	Pass

Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV

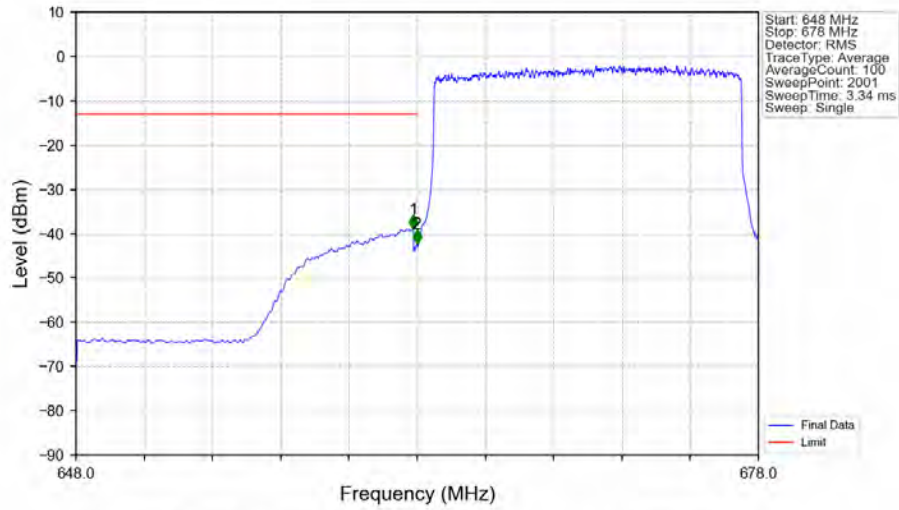


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.098	-36.97	-13	Pass
698.1	708	0.1	CHP	2	698.158	-33.13	-13	Pass

5.2.3 B71_15MHz

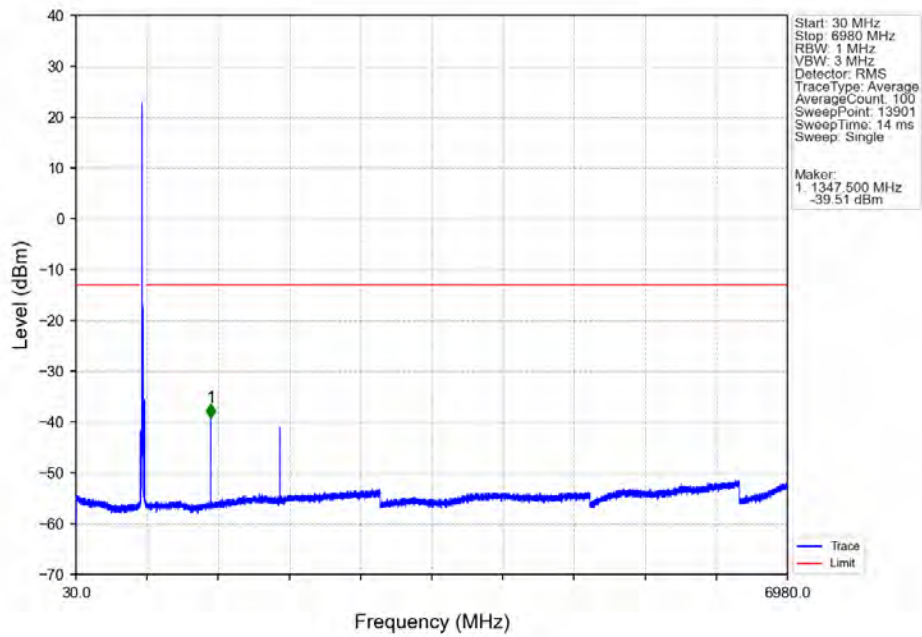


Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV

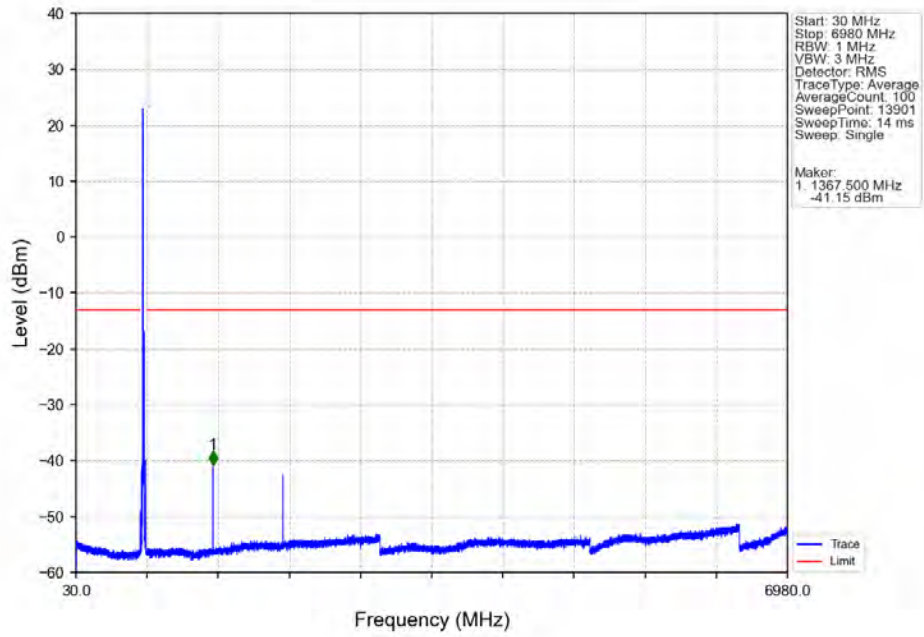


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	662.835	-38.86	-13	Pass
662.9	663	0.03	/	2	662.985	-42.27	-13	Pass
663	678	0.03	/	/	/	/	/	/

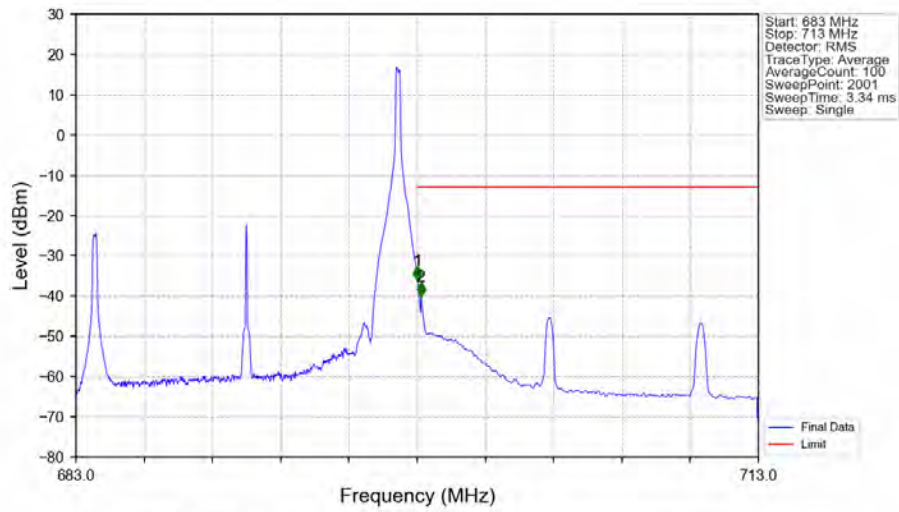
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV

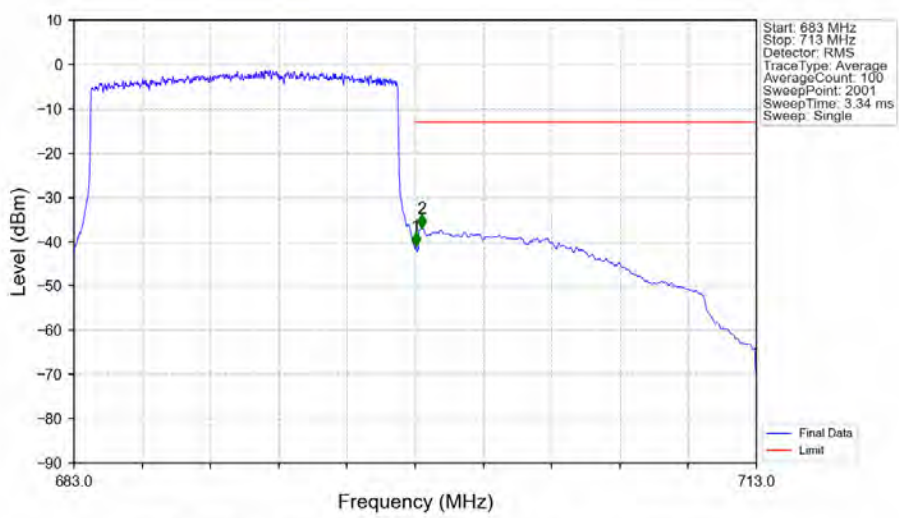


Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_74_NTNV



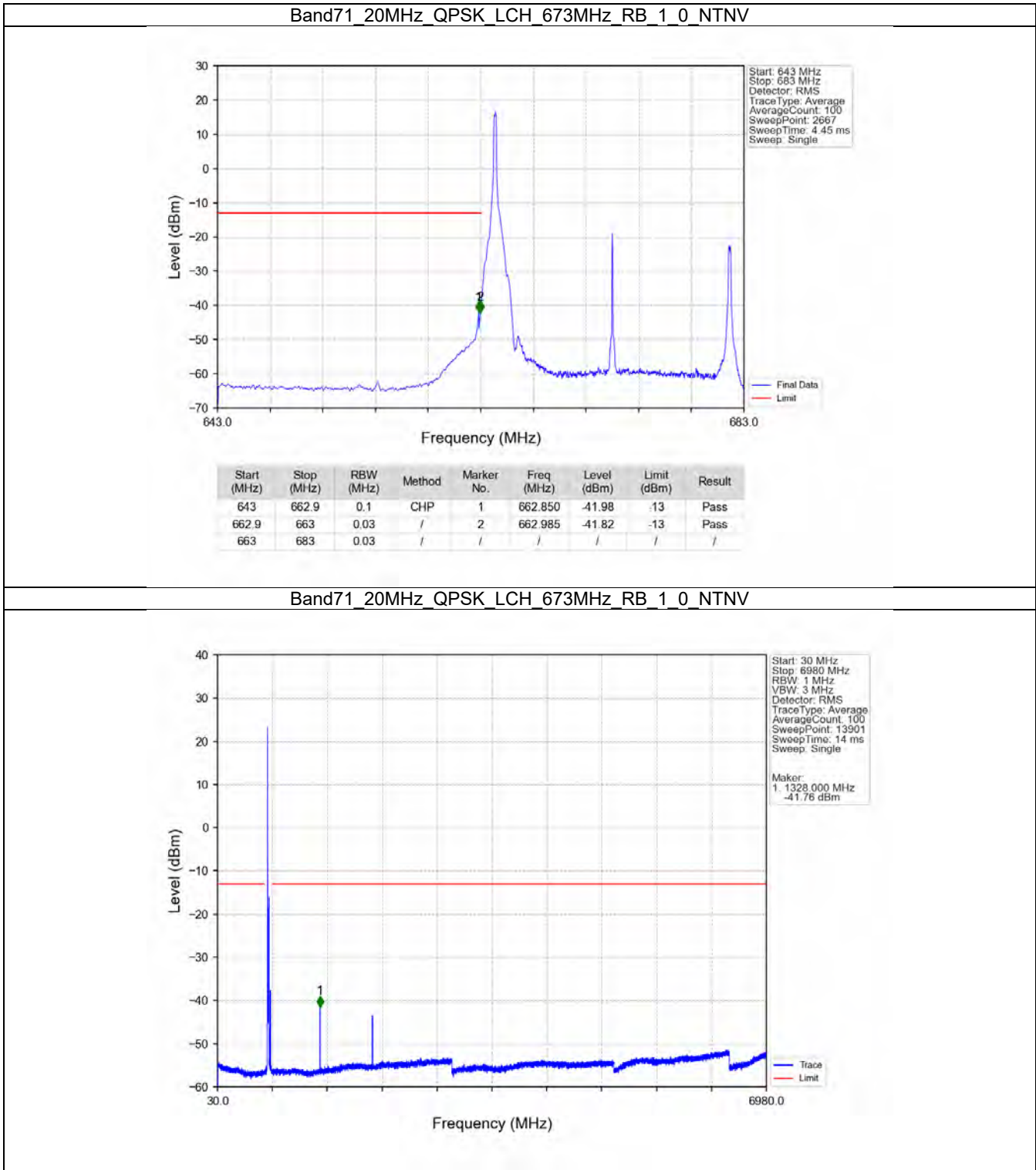
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.015	-35.97	-13	Pass
698.1	713	0.1	CHP	2	698.165	-40.08	-13	Pass

Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV

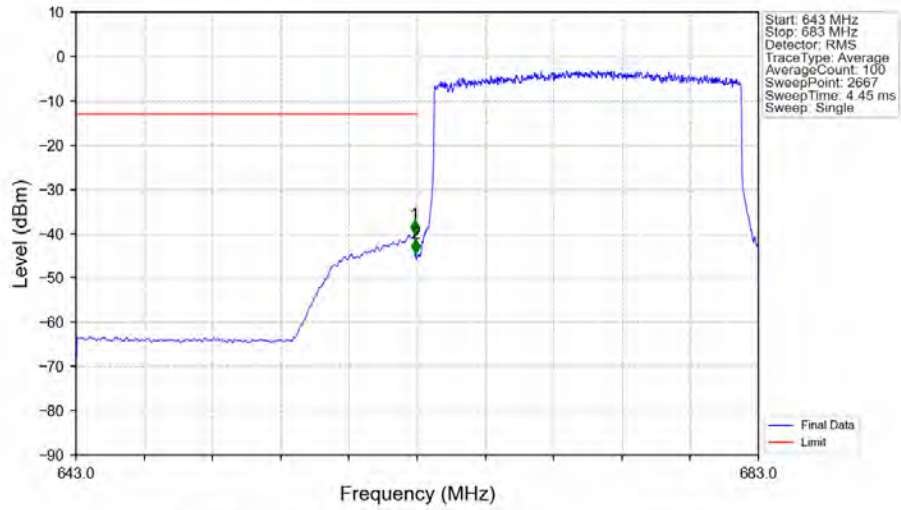


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.030	-40.98	-13	Pass
698.1	713	0.1	CHP	2	698.300	-36.88	-13	Pass

5.2.4 B71_20MHz

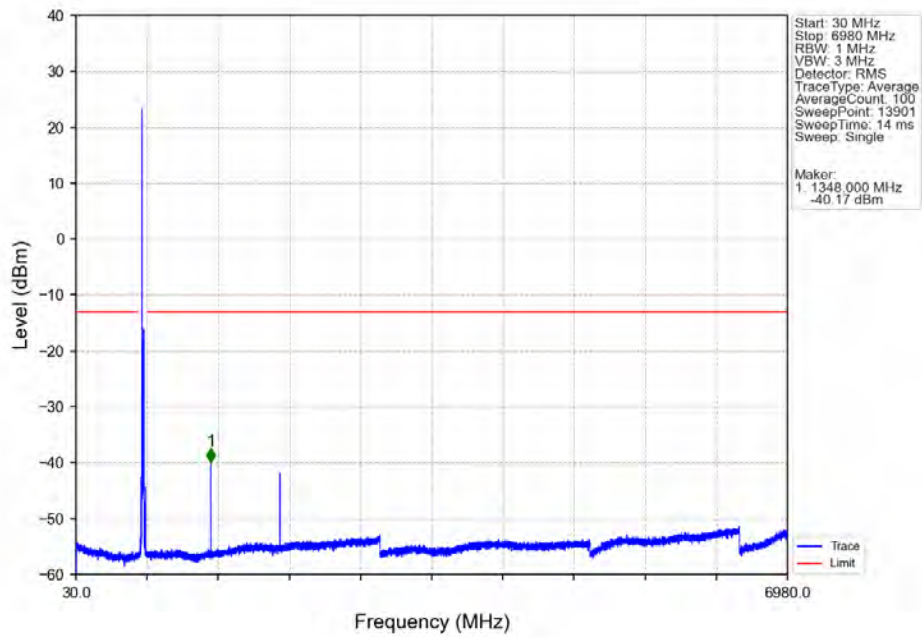


Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV

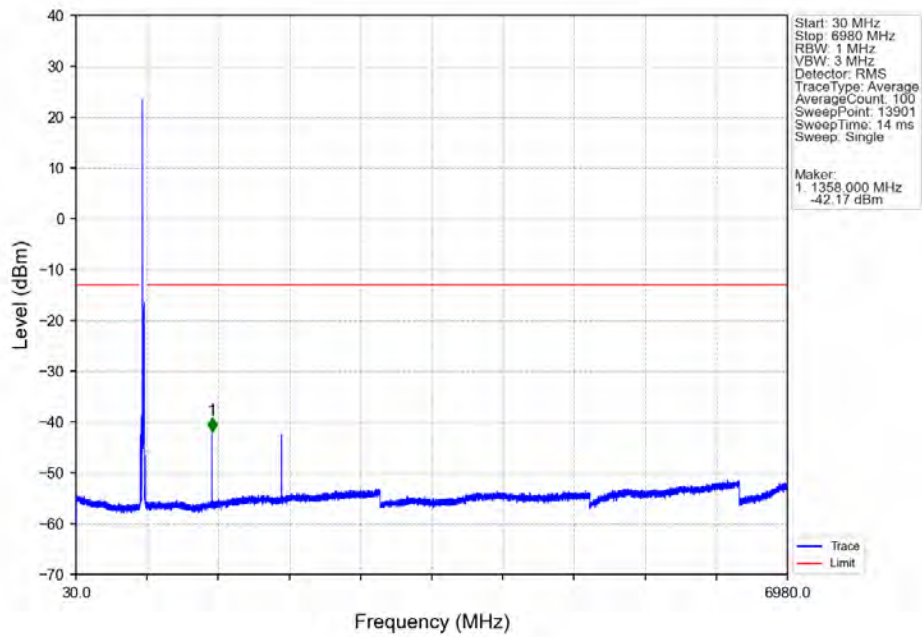


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.850	-40.10	-13	Pass
662.9	663	0.03	/	2	662.910	-44.44	-13	Pass
663	683	0.03	/	/	/	/	/	/

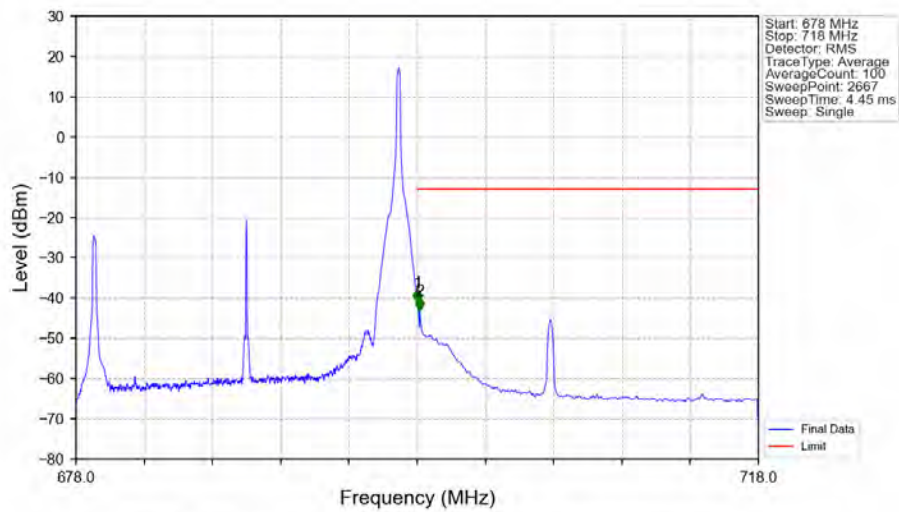
Band71_20MHz_QPSK_MCH_683MHz_RB_1_0_NTNV



Band71_20MHz_QPSK_HCH_688MHz_RB_1_0_NTNV

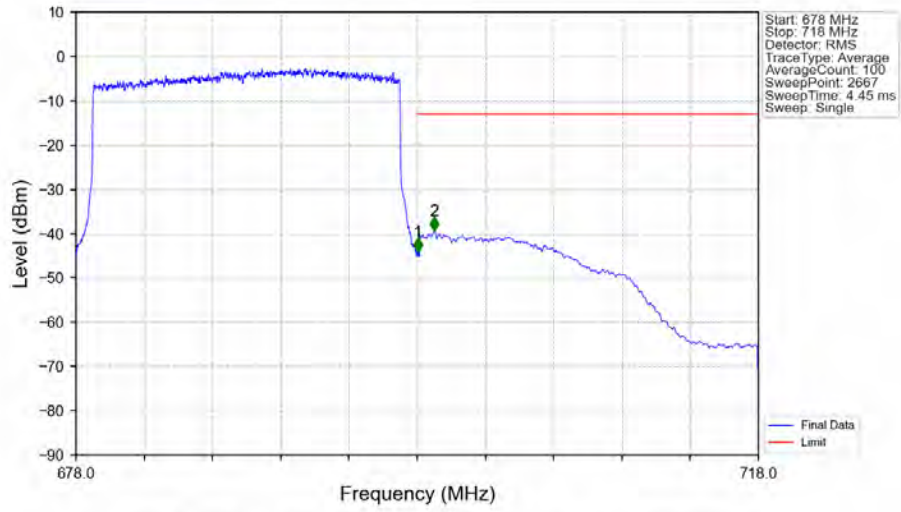


Band71_20MHz_QPSK_HCH_688MHz_RB_1_99_NTNV



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	-41.10	-13	Pass
698.1	718	0.1	CHP	2	698.150	-43.09	-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	698.030	-44.03	-13	Pass
698.1	718	0.1	CHP	2	699.005	-39.32	-13	Pass

6. Field Strength of Spurious Radiation

Test Band = LTE Band 71_ TM1

Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1328.18	48.03	-50.10	24.35	-72.98	-13.00	59.98	Horizontal
2	1992.27	48.59	-49.68	26.28	-70.06	-13.00	57.06	Horizontal
3	2656.36	49.51	-49.07	27.48	-67.34	-13.00	54.34	Horizontal
4	3320.45	48.40	-48.64	28.36	-67.15	-13.00	54.15	Horizontal
5	3984.54	47.97	-48.36	29.28	-66.38	-13.00	53.38	Horizontal
6	4648.63	49.03	-48.06	30.43	-63.86	-13.00	50.86	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1328.18	47.86	-50.10	24.35	-73.15	-13.00	60.15	Vertical
2	1992.27	48.39	-49.68	26.28	-70.26	-13.00	57.26	Vertical
3	2656.36	49.49	-49.07	27.48	-67.36	-13.00	54.36	Vertical
4	3320.45	48.63	-48.64	28.36	-66.92	-13.00	53.92	Vertical
5	3984.54	48.05	-48.36	29.28	-66.30	-13.00	53.30	Vertical
6	4648.63	49.31	-48.06	30.43	-63.58	-13.00	50.58	Vertical

Test Band = LTE Band 71_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1348.18	48.37	-50.07	24.28	-72.68	-13.00	59.68	Horizontal
2	2022.27	48.95	-49.62	26.34	-69.59	-13.00	56.59	Horizontal
3	2696.36	50.38	-49.01	27.55	-66.33	-13.00	53.33	Horizontal
4	3370.45	48.51	-48.67	28.40	-67.03	-13.00	54.03	Horizontal
5	4044.54	48.11	-48.31	29.37	-66.09	-13.00	53.09	Horizontal
6	4718.63	49.09	-48.07	30.58	-63.66	-13.00	50.66	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1348.18	47.54	-50.07	24.28	-73.51	-13.00	60.51	Vertical
2	2022.27	48.20	-49.62	26.34	-70.34	-13.00	57.34	Vertical
3	2696.36	49.51	-49.01	27.55	-67.20	-13.00	54.20	Vertical
4	3370.45	48.13	-48.67	28.40	-67.41	-13.00	54.41	Vertical
5	4044.54	47.31	-48.31	29.37	-66.89	-13.00	53.89	Vertical
6	4718.63	48.51	-48.07	30.58	-64.24	-13.00	51.24	Vertical

Test Band = LTE Band 71_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1358.18	48.78	-50.06	24.25	-72.29	-13.00	59.29	Horizontal
2	2037.27	48.90	-49.59	26.37	-69.58	-13.00	56.58	Horizontal
3	2716.36	49.34	-48.95	27.59	-67.28	-13.00	54.28	Horizontal
4	3395.45	48.52	-48.69	28.42	-67.01	-13.00	54.01	Horizontal
5	4074.54	48.28	-48.28	29.42	-65.84	-13.00	52.84	Horizontal
6	4753.63	49.07	-48.05	30.66	-63.58	-13.00	50.58	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1358.18	47.01	-50.06	24.25	-74.06	-13.00	61.06	Vertical
2	2037.27	48.02	-49.59	26.37	-70.46	-13.00	57.46	Vertical
3	2716.36	48.82	-48.95	27.59	-67.80	-13.00	54.80	Vertical
4	3395.45	48.48	-48.69	28.42	-67.05	-13.00	54.05	Vertical
5	4074.54	48.07	-48.28	29.42	-66.05	-13.00	53.05	Vertical
6	4753.63	48.93	-48.05	30.66	-63.72	-13.00	50.72	Vertical