

Appendix Z for KSCR2205000668AT-FCC-LTE-Band 71

1. Effective (Isotropic) Radiated Power Output Data

1.1 B71\_5MHz\_ERP

1.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	665.5	1	0	24.03	-3.58	18.30	<=34.77	Pass		
			13	24.16	-3.58	18.43	<=34.77	Pass		
			24	23.97	-3.58	18.24	<=34.77	Pass		
		12	0	22.96	-3.58	17.23	<=34.77	Pass		
			6	23.13	-3.58	17.40	<=34.77	Pass		
			13	23.08	-3.58	17.35	<=34.77	Pass		
		25	0	23.04	-3.58	17.31	<=34.77	Pass		
		680.5	1	0	23.81	-3.58	18.08	<=34.77	Pass	
				13	23.82	-3.58	18.09	<=34.77	Pass	
	24			23.76	-3.58	18.03	<=34.77	Pass		
	12		0	22.78	-3.58	17.05	<=34.77	Pass		
			6	22.88	-3.58	17.15	<=34.77	Pass		
			13	22.84	-3.58	17.11	<=34.77	Pass		
	25		0	22.84	-3.58	17.11	<=34.77	Pass		
	695.5		1	0	23.81	-3.58	18.08	<=34.77	Pass	
				13	23.99	-3.58	18.26	<=34.77	Pass	
		24		23.94	-3.58	18.21	<=34.77	Pass		
		12	0	22.92	-3.58	17.19	<=34.77	Pass		
			6	22.99	-3.58	17.26	<=34.77	Pass		
			13	22.92	-3.58	17.19	<=34.77	Pass		
		25	0	22.92	-3.58	17.19	<=34.77	Pass		
		16QAM	665.5	1	0	23.29	-3.58	17.56	<=34.77	Pass
					13	23.40	-3.58	17.67	<=34.77	Pass
	24				23.23	-3.58	17.50	<=34.77	Pass	
12	0			21.96	-3.58	16.23	<=34.77	Pass		
	6			22.15	-3.58	16.42	<=34.77	Pass		
	13			22.10	-3.58	16.37	<=34.77	Pass		
25	0			22.03	-3.58	16.30	<=34.77	Pass		
680.5	1			0	22.93	-3.58	17.20	<=34.77	Pass	
				13	22.92	-3.58	17.19	<=34.77	Pass	
			24	22.89	-3.58	17.16	<=34.77	Pass		
	12		0	21.78	-3.58	16.05	<=34.77	Pass		
			6	21.85	-3.58	16.12	<=34.77	Pass		
			13	21.80	-3.58	16.07	<=34.77	Pass		
	25		0	21.86	-3.58	16.13	<=34.77	Pass		
	695.5		1	0	22.67	-3.58	16.94	<=34.77	Pass	
				13	22.89	-3.58	17.16	<=34.77	Pass	
24				22.80	-3.58	17.07	<=34.77	Pass		

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64QAM	665.5	12	0	21.89	-3.58	16.16	<=34.77	Pass	
			6	21.94	-3.58	16.21	<=34.77	Pass	
			13	21.88	-3.58	16.15	<=34.77	Pass	
		25	0	21.93	-3.58	16.20	<=34.77	Pass	
			1	0	22.20	-3.58	16.47	<=34.77	Pass
				13	22.23	-3.58	16.50	<=34.77	Pass
	24	22.12		-3.58	16.39	<=34.77	Pass		
	12	0	20.98	-3.58	15.25	<=34.77	Pass		
		6	21.15	-3.58	15.42	<=34.77	Pass		
		13	21.14	-3.58	15.41	<=34.77	Pass		
	25	0	21.10	-3.58	15.37	<=34.77	Pass		
		680.5	1	0	21.93	-3.58	16.20	<=34.77	Pass
				13	21.98	-3.58	16.25	<=34.77	Pass
	24			21.93	-3.58	16.20	<=34.77	Pass	
	12	0	20.94	-3.58	15.21	<=34.77	Pass		
		6	21.03	-3.58	15.30	<=34.77	Pass		
		13	20.97	-3.58	15.24	<=34.77	Pass		
	25	0	20.86	-3.58	15.13	<=34.77	Pass		
		695.5	1	0	21.71	-3.58	15.98	<=34.77	Pass
				13	21.91	-3.58	16.18	<=34.77	Pass
	24			21.88	-3.58	16.15	<=34.77	Pass	
	12	0	20.89	-3.58	15.16	<=34.77	Pass		
		6	20.96	-3.58	15.23	<=34.77	Pass		
		13	20.89	-3.58	15.16	<=34.77	Pass		
	25	0	20.98	-3.58	15.25	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.2 B71\_10MHz\_ERP

1.2.1 Test Result

Band: 71 / Bandwidth: 10MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	668	1	0	24.10	-3.58	18.37	<=34.77	Pass	
			25	24.11	-3.58	18.38	<=34.77	Pass	
			49	23.89	-3.58	18.16	<=34.77	Pass	
		25	0	22.98	-3.58	17.25	<=34.77	Pass	
			13	23.07	-3.58	17.34	<=34.77	Pass	
			25	23.05	-3.58	17.32	<=34.77	Pass	
	50	0	22.98	-3.58	17.25	<=34.77	Pass		
		680.5	1	0	23.82	-3.58	18.09	<=34.77	Pass
				25	23.93	-3.58	18.20	<=34.77	Pass
	49			23.82	-3.58	18.09	<=34.77	Pass	
	25	0	22.82	-3.58	17.09	<=34.77	Pass		
		13	22.87	-3.58	17.14	<=34.77	Pass		
		25	22.88	-3.58	17.15	<=34.77	Pass		
	50	0	22.90	-3.58	17.17	<=34.77	Pass		
		693	1	0	23.86	-3.58	18.13	<=34.77	Pass

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16QAM	668	25	25	24.05	-3.58	18.32	<=34.77	Pass		
			49	24.01	-3.58	18.28	<=34.77	Pass		
			0	22.93	-3.58	17.20	<=34.77	Pass		
		13	22.94	-3.58	17.21	<=34.77	Pass			
		25	22.94	-3.58	17.21	<=34.77	Pass			
	50	0	22.93	-3.58	17.20	<=34.77	Pass			
	680.5	1	25	0	23.69	-3.58	17.96	<=34.77	Pass	
				25	23.73	-3.58	18.00	<=34.77	Pass	
				49	23.49	-3.58	17.76	<=34.77	Pass	
		25	50	0	22.05	-3.58	16.32	<=34.77	Pass	
				13	22.12	-3.58	16.39	<=34.77	Pass	
				25	22.08	-3.58	16.35	<=34.77	Pass	
		50	1	0	22.03	-3.58	16.30	<=34.77	Pass	
				25	22.95	-3.58	17.22	<=34.77	Pass	
				49	23.13	-3.58	17.40	<=34.77	Pass	
693		1	25	0	22.96	-3.58	17.23	<=34.77	Pass	
				25	21.88	-3.58	16.15	<=34.77	Pass	
				13	21.91	-3.58	16.18	<=34.77	Pass	
		25	50	25	21.90	-3.58	16.17	<=34.77	Pass	
				0	21.90	-3.58	16.17	<=34.77	Pass	
				0	22.86	-3.58	17.13	<=34.77	Pass	
	50	1	25	23.03	-3.58	17.30	<=34.77	Pass		
			49	23.08	-3.58	17.35	<=34.77	Pass		
			0	22.00	-3.58	16.27	<=34.77	Pass		
	64QAM	668	1	0	22.34	-3.58	16.61	<=34.77	Pass	
				25	22.34	-3.58	16.61	<=34.77	Pass	
				49	22.12	-3.58	16.39	<=34.77	Pass	
			25	50	0	21.05	-3.58	15.32	<=34.77	Pass
					13	21.14	-3.58	15.41	<=34.77	Pass
		25			21.15	-3.58	15.42	<=34.77	Pass	
680.5		1	25	0	21.11	-3.58	15.38	<=34.77	Pass	
				25	21.94	-3.58	16.21	<=34.77	Pass	
				49	22.02	-3.58	16.29	<=34.77	Pass	
		25	50	49	21.90	-3.58	16.17	<=34.77	Pass	
				0	21.01	-3.58	15.28	<=34.77	Pass	
				13	21.05	-3.58	15.32	<=34.77	Pass	
		50	1	25	21.05	-3.58	15.32	<=34.77	Pass	
				0	20.99	-3.58	15.26	<=34.77	Pass	
				0	21.67	-3.58	15.94	<=34.77	Pass	
	693	1	25	25	21.89	-3.58	16.16	<=34.77	Pass	
				49	21.88	-3.58	16.15	<=34.77	Pass	
				0	21.05	-3.58	15.32	<=34.77	Pass	
		25	50	13	21.06	-3.58	15.33	<=34.77	Pass	
				25	21.07	-3.58	15.34	<=34.77	Pass	
				0	21.03	-3.58	15.30	<=34.77	Pass	

Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.3 B71\_15MHz\_ERP

1.3.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	670.5	1	0	23.97	-3.58	18.24	<=34.77	Pass		
			38	23.94	-3.58	18.21	<=34.77	Pass		
			74	23.82	-3.58	18.09	<=34.77	Pass		
		36	0	23.01	-3.58	17.28	<=34.77	Pass		
			18	23.02	-3.58	17.29	<=34.77	Pass		
			39	23.00	-3.58	17.27	<=34.77	Pass		
		75	0	22.99	-3.58	17.26	<=34.77	Pass		
		680.5	1	0	23.75	-3.58	18.02	<=34.77	Pass	
				38	23.84	-3.58	18.11	<=34.77	Pass	
	74			23.74	-3.58	18.01	<=34.77	Pass		
	36		0	22.87	-3.58	17.14	<=34.77	Pass		
			18	22.87	-3.58	17.14	<=34.77	Pass		
			39	22.88	-3.58	17.15	<=34.77	Pass		
	75		0	22.82	-3.58	17.09	<=34.77	Pass		
	690.5		1	0	23.73	-3.58	18.00	<=34.77	Pass	
				38	23.92	-3.58	18.19	<=34.77	Pass	
		74		23.98	-3.58	18.25	<=34.77	Pass		
		36	0	22.89	-3.58	17.16	<=34.77	Pass		
			18	22.97	-3.58	17.24	<=34.77	Pass		
			39	23.01	-3.58	17.28	<=34.77	Pass		
		75	0	22.92	-3.58	17.19	<=34.77	Pass		
		16QAM	670.5	1	0	23.54	-3.58	17.81	<=34.77	Pass
					38	23.54	-3.58	17.81	<=34.77	Pass
	74				23.37	-3.58	17.64	<=34.77	Pass	
36	0			22.06	-3.58	16.33	<=34.77	Pass		
	18			22.03	-3.58	16.30	<=34.77	Pass		
	39			21.99	-3.58	16.26	<=34.77	Pass		
75	0			21.96	-3.58	16.23	<=34.77	Pass		
680.5	1			0	22.98	-3.58	17.25	<=34.77	Pass	
				38	23.03	-3.58	17.30	<=34.77	Pass	
			74	22.88	-3.58	17.15	<=34.77	Pass		
	36		0	21.87	-3.58	16.14	<=34.77	Pass		
			18	21.88	-3.58	16.15	<=34.77	Pass		
			39	21.89	-3.58	16.16	<=34.77	Pass		
	75		0	21.86	-3.58	16.13	<=34.77	Pass		
	690.5		1	0	23.12	-3.58	17.39	<=34.77	Pass	
				38	23.33	-3.58	17.60	<=34.77	Pass	
74				23.38	-3.58	17.65	<=34.77	Pass		
36			0	21.83	-3.58	16.10	<=34.77	Pass		
			18	21.92	-3.58	16.19	<=34.77	Pass		
			39	21.96	-3.58	16.23	<=34.77	Pass		
75			0	21.91	-3.58	16.18	<=34.77	Pass		
64QAM			670.5	1	0	22.23	-3.58	16.50	<=34.77	Pass

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	680.5	36	38	22.20	-3.58	16.47	<=34.77	Pass	
			74	22.08	-3.58	16.35	<=34.77	Pass	
			0	21.07	-3.58	15.34	<=34.77	Pass	
			18	21.11	-3.58	15.38	<=34.77	Pass	
			39	21.08	-3.58	15.35	<=34.77	Pass	
			75	0	21.05	-3.58	15.32	<=34.77	Pass
		1	0	21.87	-3.58	16.14	<=34.77	Pass	
			38	21.93	-3.58	16.20	<=34.77	Pass	
			74	21.81	-3.58	16.08	<=34.77	Pass	
			36	0	20.95	-3.58	15.22	<=34.77	Pass
				18	20.96	-3.58	15.23	<=34.77	Pass
				39	20.97	-3.58	15.24	<=34.77	Pass
	75	0	20.92	-3.58	15.19	<=34.77	Pass		
	690.5	1	0	22.02	-3.58	16.29	<=34.77	Pass	
			38	22.22	-3.58	16.49	<=34.77	Pass	
			74	22.28	-3.58	16.55	<=34.77	Pass	
			36	0	20.89	-3.58	15.16	<=34.77	Pass
				18	20.96	-3.58	15.23	<=34.77	Pass
				39	21.04	-3.58	15.31	<=34.77	Pass
		75	0	20.97	-3.58	15.24	<=34.77	Pass	

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.4 B71\_20MHz\_ERP

1.4.1 Test Result

Band: 71 / Bandwidth: 20MHz / NTNv									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	673	1	0	23.84	-3.58	18.11	<=34.77	Pass	
			50	24.07	-3.58	18.34	<=34.77	Pass	
			99	23.62	-3.58	17.89	<=34.77	Pass	
		50	0	22.87	-3.58	17.14	<=34.77	Pass	
			25	22.92	-3.58	17.19	<=34.77	Pass	
			50	22.93	-3.58	17.20	<=34.77	Pass	
		100	0	22.90	-3.58	17.17	<=34.77	Pass	
		683	1	0	23.62	-3.58	17.89	<=34.77	Pass
				50	24.00	-3.58	18.27	<=34.77	Pass
				99	23.72	-3.58	17.99	<=34.77	Pass
			50	0	22.76	-3.58	17.03	<=34.77	Pass
				25	22.89	-3.58	17.16	<=34.77	Pass
	50			22.83	-3.58	17.10	<=34.77	Pass	
	100	0	22.82	-3.58	17.09	<=34.77	Pass		
	688	1	0	23.57	-3.58	17.84	<=34.77	Pass	
			50	23.97	-3.58	18.24	<=34.77	Pass	
			99	23.76	-3.58	18.03	<=34.77	Pass	
		50	0	22.77	-3.58	17.04	<=34.77	Pass	
			25	22.89	-3.58	17.16	<=34.77	Pass	
			50	22.89	-3.58	17.16	<=34.77	Pass	

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16QAM	673	100	0	22.84	-3.58	17.11	<=34.77	Pass		
			1	0	23.14	-3.58	17.41	<=34.77	Pass	
				50	23.37	-3.58	17.64	<=34.77	Pass	
		50	99	22.89	-3.58	17.16	<=34.77	Pass		
			0	21.83	-3.58	16.10	<=34.77	Pass		
			25	21.94	-3.58	16.21	<=34.77	Pass		
		100	50	21.91	-3.58	16.18	<=34.77	Pass		
			0	21.91	-3.58	16.18	<=34.77	Pass		
			1	0	22.84	-3.58	17.11	<=34.77	Pass	
	683	1	50	23.23	-3.58	17.50	<=34.77	Pass		
			99	22.92	-3.58	17.19	<=34.77	Pass		
			0	21.74	-3.58	16.01	<=34.77	Pass		
		50	25	21.89	-3.58	16.16	<=34.77	Pass		
			50	21.84	-3.58	16.11	<=34.77	Pass		
			100	0	21.84	-3.58	16.11	<=34.77	Pass	
		688	1	0	23.15	-3.58	17.42	<=34.77	Pass	
				50	23.55	-3.58	17.82	<=34.77	Pass	
				99	23.31	-3.58	17.58	<=34.77	Pass	
	50		0	21.82	-3.58	16.09	<=34.77	Pass		
			25	21.89	-3.58	16.16	<=34.77	Pass		
			50	21.88	-3.58	16.15	<=34.77	Pass		
	100		0	21.86	-3.58	16.13	<=34.77	Pass		
	64QAM		673	1	0	22.00	-3.58	16.27	<=34.77	Pass
					50	22.25	-3.58	16.52	<=34.77	Pass
99		21.79			-3.58	16.06	<=34.77	Pass		
50		0		20.97	-3.58	15.24	<=34.77	Pass		
		25		21.04	-3.58	15.31	<=34.77	Pass		
		50		21.09	-3.58	15.36	<=34.77	Pass		
100		0		20.99	-3.58	15.26	<=34.77	Pass		
683		1		0	21.89	-3.58	16.16	<=34.77	Pass	
				50	22.28	-3.58	16.55	<=34.77	Pass	
			99	21.96	-3.58	16.23	<=34.77	Pass		
		50	0	20.85	-3.58	15.12	<=34.77	Pass		
			25	20.93	-3.58	15.20	<=34.77	Pass		
			50	21.00	-3.58	15.27	<=34.77	Pass		
		100	0	20.89	-3.58	15.16	<=34.77	Pass		
		688	1	0	21.45	-3.58	15.72	<=34.77	Pass	
				50	21.84	-3.58	16.11	<=34.77	Pass	
99				21.61	-3.58	15.88	<=34.77	Pass		
50			0	20.92	-3.58	15.19	<=34.77	Pass		
			25	20.96	-3.58	15.23	<=34.77	Pass		
			50	20.97	-3.58	15.24	<=34.77	Pass		
100			0	20.99	-3.58	15.26	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

## 2. Frequency Stability

### 2.1 B71\_5MHz



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2.1.1 Test Result

Band: 71 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	665.5	25	0	20	3.46	-3.276	-0.0049	-2.5 to 2.5	Pass
					3.8	-3.676	-0.0055	-2.5 to 2.5	Pass
					4.35	-10.042	-0.0151	-2.5 to 2.5	Pass
				-30	3.8	-7.324	-0.0110	-2.5 to 2.5	Pass
				-20	3.8	-9.999	-0.0150	-2.5 to 2.5	Pass
				-10	3.8	-6.852	-0.0103	-2.5 to 2.5	Pass
				0	3.8	-8.225	-0.0124	-2.5 to 2.5	Pass
				10	3.8	-8.039	-0.0121	-2.5 to 2.5	Pass
				30	3.8	-6.695	-0.0101	-2.5 to 2.5	Pass
				40	3.8	-7.539	-0.0113	-2.5 to 2.5	Pass
	50	3.8	-8.469	-0.0127	-2.5 to 2.5	Pass			
	680.5	25	0	20	3.46	-4.020	-0.0059	-2.5 to 2.5	Pass
					3.8	-2.832	-0.0042	-2.5 to 2.5	Pass
					4.35	-1.488	-0.0022	-2.5 to 2.5	Pass
				-30	3.8	-2.689	-0.0040	-2.5 to 2.5	Pass
				-20	3.8	-2.432	-0.0036	-2.5 to 2.5	Pass
				-10	3.8	-3.777	-0.0056	-2.5 to 2.5	Pass
				0	3.8	-6.924	-0.0102	-2.5 to 2.5	Pass
				10	3.8	-7.796	-0.0115	-2.5 to 2.5	Pass
				30	3.8	-11.101	-0.0163	-2.5 to 2.5	Pass
				40	3.8	-6.495	-0.0095	-2.5 to 2.5	Pass
	50	3.8	-10.972	-0.0161	-2.5 to 2.5	Pass			
	695.5	25	0	20	3.46	-10.343	-0.0149	-2.5 to 2.5	Pass
					3.8	-7.825	-0.0113	-2.5 to 2.5	Pass
					4.35	-5.121	-0.0074	-2.5 to 2.5	Pass
				-30	3.8	-7.267	-0.0104	-2.5 to 2.5	Pass
				-20	3.8	-8.311	-0.0119	-2.5 to 2.5	Pass
				-10	3.8	-8.154	-0.0117	-2.5 to 2.5	Pass
				0	3.8	-7.324	-0.0105	-2.5 to 2.5	Pass
				10	3.8	-5.164	-0.0074	-2.5 to 2.5	Pass
30				3.8	-6.294	-0.0090	-2.5 to 2.5	Pass	
40				3.8	-8.712	-0.0125	-2.5 to 2.5	Pass	
50	3.8	-7.682	-0.0110	-2.5 to 2.5	Pass				
16QAM	665.5	25	0	20	3.46	-10.257	-0.0154	-2.5 to 2.5	Pass
					3.8	-5.865	-0.0088	-2.5 to 2.5	Pass
					4.35	-9.155	-0.0138	-2.5 to 2.5	Pass
				-30	3.8	-5.164	-0.0078	-2.5 to 2.5	Pass
				-20	3.8	-7.038	-0.0106	-2.5 to 2.5	Pass
				-10	3.8	-9.298	-0.0140	-2.5 to 2.5	Pass
				0	3.8	-6.967	-0.0105	-2.5 to 2.5	Pass
				10	3.8	-8.483	-0.0127	-2.5 to 2.5	Pass
				30	3.8	-6.523	-0.0098	-2.5 to 2.5	Pass
				40	3.8	-9.499	-0.0143	-2.5 to 2.5	Pass
	50	3.8	-6.022	-0.0090	-2.5 to 2.5	Pass			
	680.5	25	0	20	3.46	-4.320	-0.0063	-2.5 to 2.5	Pass



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					3.8	-5.035	-0.0074	-2.5 to 2.5	Pass
					4.35	-8.483	-0.0125	-2.5 to 2.5	Pass
				-30	3.8	-0.300	-0.0004	-2.5 to 2.5	Pass
				-20	3.8	-7.496	-0.0110	-2.5 to 2.5	Pass
				-10	3.8	-3.905	-0.0057	-2.5 to 2.5	Pass
				0	3.8	-4.449	-0.0065	-2.5 to 2.5	Pass
				10	3.8	-5.021	-0.0074	-2.5 to 2.5	Pass
				30	3.8	-4.878	-0.0072	-2.5 to 2.5	Pass
				40	3.8	-6.394	-0.0094	-2.5 to 2.5	Pass
	50	3.8	-6.051	-0.0089	-2.5 to 2.5	Pass			
	695.5	25	0		3.46	-4.649	-0.0067	-2.5 to 2.5	Pass
				20	3.8	-6.123	-0.0088	-2.5 to 2.5	Pass
					4.35	-5.550	-0.0080	-2.5 to 2.5	Pass
				-30	3.8	-3.104	-0.0045	-2.5 to 2.5	Pass
				-20	3.8	-5.994	-0.0086	-2.5 to 2.5	Pass
				-10	3.8	-3.948	-0.0057	-2.5 to 2.5	Pass
				0	3.8	-8.397	-0.0121	-2.5 to 2.5	Pass
				10	3.8	-4.692	-0.0067	-2.5 to 2.5	Pass
30				3.8	-3.891	-0.0056	-2.5 to 2.5	Pass	
64QAM	665.5	25	0		3.46	-5.021	-0.0075	-2.5 to 2.5	Pass
				20	3.8	-8.898	-0.0134	-2.5 to 2.5	Pass
					4.35	-5.236	-0.0079	-2.5 to 2.5	Pass
				-30	3.8	-10.586	-0.0159	-2.5 to 2.5	Pass
				-20	3.8	-4.635	-0.0070	-2.5 to 2.5	Pass
				-10	3.8	-0.100	-0.0002	-2.5 to 2.5	Pass
				0	3.8	-8.912	-0.0134	-2.5 to 2.5	Pass
				10	3.8	-5.636	-0.0085	-2.5 to 2.5	Pass
				30	3.8	-8.512	-0.0128	-2.5 to 2.5	Pass
	680.5	25	0		3.46	-6.638	-0.0098	-2.5 to 2.5	Pass
				20	3.8	-5.436	-0.0080	-2.5 to 2.5	Pass
					4.35	-3.490	-0.0051	-2.5 to 2.5	Pass
				-30	3.8	-5.822	-0.0086	-2.5 to 2.5	Pass
				-20	3.8	-5.136	-0.0075	-2.5 to 2.5	Pass
				-10	3.8	-6.423	-0.0094	-2.5 to 2.5	Pass
				0	3.8	-8.097	-0.0119	-2.5 to 2.5	Pass
				10	3.8	-4.506	-0.0066	-2.5 to 2.5	Pass
				30	3.8	-8.769	-0.0129	-2.5 to 2.5	Pass
695.5	25	0		3.46	-7.424	-0.0107	-2.5 to 2.5	Pass	
			20	3.8	-2.360	-0.0034	-2.5 to 2.5	Pass	
				4.35	-4.535	-0.0065	-2.5 to 2.5	Pass	
			-30	3.8	-5.078	-0.0073	-2.5 to 2.5	Pass	
			-20	3.8	-8.512	-0.0122	-2.5 to 2.5	Pass	
			-10	3.8	-4.320	-0.0062	-2.5 to 2.5	Pass	
			0	3.8	-7.939	-0.0114	-2.5 to 2.5	Pass	
			10	3.8	1.345	0.0019	-2.5 to 2.5	Pass	

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				30	3.8	-1.717	-0.0025	-2.5 to 2.5	Pass
				40	3.8	-8.740	-0.0126	-2.5 to 2.5	Pass
				50	3.8	-9.871	-0.0142	-2.5 to 2.5	Pass

2.2 B71\_10MHz

2.2.1 Test Result

Band: 71 / Bandwidth: 10MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	668	50	0	20	3.46	-2.532	-0.0038	-2.5 to 2.5	Pass	
					3.8	-4.163	-0.0062	-2.5 to 2.5	Pass	
					4.35	-7.825	-0.0117	-2.5 to 2.5	Pass	
				-30	3.8	-8.082	-0.0121	-2.5 to 2.5	Pass	
					-20	3.8	-5.836	-0.0087	-2.5 to 2.5	Pass
						-10	3.8	-7.238	-0.0108	-2.5 to 2.5
				0	3.8	-4.835	-0.0072	-2.5 to 2.5	Pass	
					10	3.8	-10.500	-0.0157	-2.5 to 2.5	Pass
				30	3.8	-7.381	-0.0110	-2.5 to 2.5	Pass	
	40	3.8	-6.866	-0.0103	-2.5 to 2.5	Pass				
	50	3.8	-6.266	-0.0094	-2.5 to 2.5	Pass				
	680.5	50	0	20	3.46	-8.683	-0.0128	-2.5 to 2.5	Pass	
					3.8	-6.552	-0.0096	-2.5 to 2.5	Pass	
					4.35	-5.836	-0.0086	-2.5 to 2.5	Pass	
				-30	3.8	-9.112	-0.0134	-2.5 to 2.5	Pass	
					-20	3.8	-4.148	-0.0061	-2.5 to 2.5	Pass
						-10	3.8	-4.563	-0.0067	-2.5 to 2.5
				0	3.8	-8.183	-0.0120	-2.5 to 2.5	Pass	
					10	3.8	-5.579	-0.0082	-2.5 to 2.5	Pass
				30	3.8	-8.125	-0.0119	-2.5 to 2.5	Pass	
	40	3.8	-6.924	-0.0102	-2.5 to 2.5	Pass				
	50	3.8	-6.208	-0.0091	-2.5 to 2.5	Pass				
	693	50	0	20	3.46	-4.120	-0.0059	-2.5 to 2.5	Pass	
					3.8	-7.081	-0.0102	-2.5 to 2.5	Pass	
					4.35	-3.247	-0.0047	-2.5 to 2.5	Pass	
				-30	3.8	-7.067	-0.0102	-2.5 to 2.5	Pass	
					-20	3.8	-7.911	-0.0114	-2.5 to 2.5	Pass
-10						3.8	-3.490	-0.0050	-2.5 to 2.5	Pass
0				3.8	-8.812	-0.0127	-2.5 to 2.5	Pass		
				10	3.8	-8.726	-0.0126	-2.5 to 2.5	Pass	
30				3.8	-8.168	-0.0118	-2.5 to 2.5	Pass		
40	3.8	-7.381	-0.0107	-2.5 to 2.5	Pass					
50	3.8	-6.437	-0.0093	-2.5 to 2.5	Pass					
16QAM	668	50	0	20	3.46	-9.341	-0.0140	-2.5 to 2.5	Pass	
					3.8	-6.480	-0.0097	-2.5 to 2.5	Pass	
					4.35	-8.311	-0.0124	-2.5 to 2.5	Pass	
				-30	3.8	-9.828	-0.0147	-2.5 to 2.5	Pass	
					-20	3.8	-6.208	-0.0093	-2.5 to 2.5	Pass

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64QAM	680.5	50	0	-10	3.8	-8.512	-0.0127	-2.5 to 2.5	Pass			
				0	3.8	-5.965	-0.0089	-2.5 to 2.5	Pass			
				10	3.8	-5.751	-0.0086	-2.5 to 2.5	Pass			
				30	3.8	-6.781	-0.0102	-2.5 to 2.5	Pass			
				40	3.8	-7.253	-0.0109	-2.5 to 2.5	Pass			
				50	3.8	-10.014	-0.0150	-2.5 to 2.5	Pass			
	693	50	0	20	3.46	-8.197	-0.0120	-2.5 to 2.5	Pass			
					3.8	-8.340	-0.0123	-2.5 to 2.5	Pass			
					4.35	-10.386	-0.0153	-2.5 to 2.5	Pass			
				-30	3.8	-11.115	-0.0163	-2.5 to 2.5	Pass			
				-20	3.8	-5.836	-0.0086	-2.5 to 2.5	Pass			
				-10	3.8	-7.997	-0.0118	-2.5 to 2.5	Pass			
				0	3.8	-7.968	-0.0117	-2.5 to 2.5	Pass			
				10	3.8	-7.753	-0.0114	-2.5 to 2.5	Pass			
				30	3.8	-5.007	-0.0074	-2.5 to 2.5	Pass			
				40	3.8	-6.366	-0.0094	-2.5 to 2.5	Pass			
				50	3.8	-10.028	-0.0147	-2.5 to 2.5	Pass			
				668	50	0	20	3.46	-5.980	-0.0086	-2.5 to 2.5	Pass
								3.8	-6.752	-0.0097	-2.5 to 2.5	Pass
								4.35	-8.497	-0.0123	-2.5 to 2.5	Pass
							-30	3.8	-8.068	-0.0116	-2.5 to 2.5	Pass
	-20	3.8	-6.452				-0.0093	-2.5 to 2.5	Pass			
	-10	3.8	-4.835				-0.0070	-2.5 to 2.5	Pass			
	0	3.8	-7.010				-0.0101	-2.5 to 2.5	Pass			
	10	3.8	-4.249				-0.0061	-2.5 to 2.5	Pass			
	30	3.8	-4.563				-0.0066	-2.5 to 2.5	Pass			
	40	3.8	-3.805				-0.0055	-2.5 to 2.5	Pass			
	50	3.8	-2.732				-0.0039	-2.5 to 2.5	Pass			
	680.5	50	0				20	3.46	-5.865	-0.0088	-2.5 to 2.5	Pass
								3.8	-2.747	-0.0041	-2.5 to 2.5	Pass
								4.35	-7.253	-0.0109	-2.5 to 2.5	Pass
							-30	3.8	-3.705	-0.0055	-2.5 to 2.5	Pass
				-20	3.8	-2.904	-0.0043	-2.5 to 2.5	Pass			
				-10	3.8	-5.450	-0.0082	-2.5 to 2.5	Pass			
				0	3.8	-6.924	-0.0104	-2.5 to 2.5	Pass			
				10	3.8	-5.150	-0.0077	-2.5 to 2.5	Pass			
				30	3.8	-3.362	-0.0050	-2.5 to 2.5	Pass			
				40	3.8	-7.896	-0.0118	-2.5 to 2.5	Pass			
				50	3.8	-7.696	-0.0115	-2.5 to 2.5	Pass			
				693	50	0	20	3.46	-8.469	-0.0124	-2.5 to 2.5	Pass
								3.8	-7.725	-0.0114	-2.5 to 2.5	Pass
								4.35	-8.469	-0.0124	-2.5 to 2.5	Pass
							-30	3.8	-9.084	-0.0133	-2.5 to 2.5	Pass
							-20	3.8	-6.638	-0.0098	-2.5 to 2.5	Pass
							-10	3.8	-3.133	-0.0046	-2.5 to 2.5	Pass
0							3.8	-2.761	-0.0041	-2.5 to 2.5	Pass	
10							3.8	-6.680	-0.0098	-2.5 to 2.5	Pass	
30							3.8	-6.866	-0.0101	-2.5 to 2.5	Pass	
40				3.8	-7.539	-0.0111	-2.5 to 2.5	Pass				
50	3.8	-5.665	-0.0083	-2.5 to 2.5	Pass							
20	3.46	-4.592	-0.0066	-2.5 to 2.5	Pass							



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					3.8	-11.401	-0.0165	-2.5 to 2.5	Pass
					4.35	-8.183	-0.0118	-2.5 to 2.5	Pass
				-30	3.8	-9.542	-0.0138	-2.5 to 2.5	Pass
				-20	3.8	-6.938	-0.0100	-2.5 to 2.5	Pass
				-10	3.8	-4.849	-0.0070	-2.5 to 2.5	Pass
				0	3.8	-2.632	-0.0038	-2.5 to 2.5	Pass
				10	3.8	-3.004	-0.0043	-2.5 to 2.5	Pass
				30	3.8	-10.142	-0.0146	-2.5 to 2.5	Pass
				40	3.8	-9.856	-0.0142	-2.5 to 2.5	Pass
				50	3.8	-8.669	-0.0125	-2.5 to 2.5	Pass

2.3 B71\_15MHz

2.3.1 Test Result

Band: 71 / Bandwidth: 15MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	670.5	75	0	20	3.46	-4.563	-0.0068	-2.5 to 2.5	Pass	
					3.8	-8.068	-0.0120	-2.5 to 2.5	Pass	
					4.35	-8.826	-0.0132	-2.5 to 2.5	Pass	
				-30	3.8	-2.789	-0.0042	-2.5 to 2.5	Pass	
					-20	3.8	-7.353	-0.0110	-2.5 to 2.5	Pass
						3.8	-6.852	-0.0102	-2.5 to 2.5	Pass
				0	3.8	-7.195	-0.0107	-2.5 to 2.5	Pass	
					10	3.8	-7.124	-0.0106	-2.5 to 2.5	Pass
				30	3.8	-4.048	-0.0060	-2.5 to 2.5	Pass	
	40	3.8	-7.296		-0.0109	-2.5 to 2.5	Pass			
	680.5	75	0	20	3.46	-4.420	-0.0065	-2.5 to 2.5	Pass	
					3.8	-4.992	-0.0073	-2.5 to 2.5	Pass	
					4.35	-4.721	-0.0069	-2.5 to 2.5	Pass	
				-30	3.8	-3.734	-0.0055	-2.5 to 2.5	Pass	
					-20	3.8	-3.533	-0.0052	-2.5 to 2.5	Pass
						3.8	-6.294	-0.0092	-2.5 to 2.5	Pass
				0	3.8	-6.123	-0.0090	-2.5 to 2.5	Pass	
					10	3.8	-8.497	-0.0125	-2.5 to 2.5	Pass
				30	3.8	-6.008	-0.0088	-2.5 to 2.5	Pass	
	40	3.8	-8.597		-0.0126	-2.5 to 2.5	Pass			
	690.5	75	0	20	3.46	-5.350	-0.0077	-2.5 to 2.5	Pass	
					3.8	-2.890	-0.0042	-2.5 to 2.5	Pass	
					4.35	-6.909	-0.0100	-2.5 to 2.5	Pass	
				-30	3.8	-7.610	-0.0110	-2.5 to 2.5	Pass	
					-20	3.8	-7.281	-0.0105	-2.5 to 2.5	Pass
						3.8	-5.708	-0.0083	-2.5 to 2.5	Pass
				0	3.8	-2.246	-0.0033	-2.5 to 2.5	Pass	
10					3.8	-3.548	-0.0051	-2.5 to 2.5	Pass	
30				3.8	-3.090	-0.0045	-2.5 to 2.5	Pass		

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				40	3.8	-4.635	-0.0067	-2.5 to 2.5	Pass				
				50	3.8	-5.279	-0.0076	-2.5 to 2.5	Pass				
16QAM	670.5	75	0	20	3.46	-7.696	-0.0115	-2.5 to 2.5	Pass				
					3.8	-9.012	-0.0134	-2.5 to 2.5	Pass				
					4.35	-5.708	-0.0085	-2.5 to 2.5	Pass				
								-30	3.8	-6.981	-0.0104	-2.5 to 2.5	Pass
								-20	3.8	-11.787	-0.0176	-2.5 to 2.5	Pass
								-10	3.8	-4.234	-0.0063	-2.5 to 2.5	Pass
								0	3.8	-6.552	-0.0098	-2.5 to 2.5	Pass
								10	3.8	-6.051	-0.0090	-2.5 to 2.5	Pass
								30	3.8	-7.710	-0.0115	-2.5 to 2.5	Pass
								40	3.8	-8.626	-0.0129	-2.5 to 2.5	Pass
								50	3.8	-3.948	-0.0059	-2.5 to 2.5	Pass
					680.5	75	0	20	3.46	-6.351	-0.0093	-2.5 to 2.5	Pass
									3.8	-6.137	-0.0090	-2.5 to 2.5	Pass
									4.35	-5.364	-0.0079	-2.5 to 2.5	Pass
								-30	3.8	-5.879	-0.0086	-2.5 to 2.5	Pass
								-20	3.8	-4.907	-0.0072	-2.5 to 2.5	Pass
								-10	3.8	-7.153	-0.0105	-2.5 to 2.5	Pass
								0	3.8	-4.005	-0.0059	-2.5 to 2.5	Pass
								10	3.8	-5.450	-0.0080	-2.5 to 2.5	Pass
								30	3.8	-5.336	-0.0078	-2.5 to 2.5	Pass
								40	3.8	-5.164	-0.0076	-2.5 to 2.5	Pass
								50	3.8	-4.735	-0.0070	-2.5 to 2.5	Pass
		690.5	75	0				20	3.46	-6.609	-0.0096	-2.5 to 2.5	Pass
									3.8	-6.480	-0.0094	-2.5 to 2.5	Pass
							4.35		-8.984	-0.0130	-2.5 to 2.5	Pass	
							-30	3.8	-7.997	-0.0116	-2.5 to 2.5	Pass	
							-20	3.8	-5.865	-0.0085	-2.5 to 2.5	Pass	
							-10	3.8	-8.869	-0.0128	-2.5 to 2.5	Pass	
							0	3.8	-7.596	-0.0110	-2.5 to 2.5	Pass	
							10	3.8	-5.593	-0.0081	-2.5 to 2.5	Pass	
							30	3.8	-9.756	-0.0141	-2.5 to 2.5	Pass	
							40	3.8	-8.254	-0.0120	-2.5 to 2.5	Pass	
							50	3.8	-6.781	-0.0098	-2.5 to 2.5	Pass	
64QAM	670.5				75	0	20	3.46	-4.992	-0.0074	-2.5 to 2.5	Pass	
		3.8	-3.376	-0.0050				-2.5 to 2.5	Pass				
		4.35	-8.426	-0.0126				-2.5 to 2.5	Pass				
								-30	3.8	-7.725	-0.0115	-2.5 to 2.5	Pass
								-20	3.8	-7.482	-0.0112	-2.5 to 2.5	Pass
								-10	3.8	-8.154	-0.0122	-2.5 to 2.5	Pass
								0	3.8	-8.039	-0.0120	-2.5 to 2.5	Pass
								10	3.8	-6.595	-0.0098	-2.5 to 2.5	Pass
								30	3.8	-10.943	-0.0163	-2.5 to 2.5	Pass
								40	3.8	-10.242	-0.0153	-2.5 to 2.5	Pass
								50	3.8	-11.015	-0.0164	-2.5 to 2.5	Pass
			680.5	75			0	20	3.46	-3.662	-0.0054	-2.5 to 2.5	Pass
									3.8	-6.695	-0.0098	-2.5 to 2.5	Pass
									4.35	-10.686	-0.0157	-2.5 to 2.5	Pass
								-30	3.8	-8.869	-0.0130	-2.5 to 2.5	Pass
								-20	3.8	-5.064	-0.0074	-2.5 to 2.5	Pass



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				-10	3.8	-5.193	-0.0076	-2.5 to 2.5	Pass
				0	3.8	-6.266	-0.0092	-2.5 to 2.5	Pass
				10	3.8	-8.569	-0.0126	-2.5 to 2.5	Pass
				30	3.8	-7.582	-0.0111	-2.5 to 2.5	Pass
				40	3.8	-7.596	-0.0112	-2.5 to 2.5	Pass
				50	3.8	-5.836	-0.0086	-2.5 to 2.5	Pass
	690.5	75	0	20	3.46	-7.281	-0.0105	-2.5 to 2.5	Pass
					3.8	-7.439	-0.0108	-2.5 to 2.5	Pass
					4.35	-4.106	-0.0059	-2.5 to 2.5	Pass
				-30	3.8	-4.277	-0.0062	-2.5 to 2.5	Pass
				-20	3.8	-6.237	-0.0090	-2.5 to 2.5	Pass
				-10	3.8	-0.958	-0.0014	-2.5 to 2.5	Pass
				0	3.8	-6.752	-0.0098	-2.5 to 2.5	Pass
				10	3.8	-8.512	-0.0123	-2.5 to 2.5	Pass
				30	3.8	-4.964	-0.0072	-2.5 to 2.5	Pass
				40	3.8	-6.108	-0.0088	-2.5 to 2.5	Pass
				50	3.8	-4.063	-0.0059	-2.5 to 2.5	Pass

2.4 B71\_20MHz

2.4.1 Test Result

Band: 71 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	673	100	0	20	3.46	-2.732	-0.0041	-2.5 to 2.5	Pass
					3.8	-5.965	-0.0089	-2.5 to 2.5	Pass
					4.35	-9.799	-0.0146	-2.5 to 2.5	Pass
				-30	3.8	-5.722	-0.0085	-2.5 to 2.5	Pass
				-20	3.8	-8.183	-0.0122	-2.5 to 2.5	Pass
				-10	3.8	-8.726	-0.0130	-2.5 to 2.5	Pass
				0	3.8	-11.029	-0.0164	-2.5 to 2.5	Pass
				10	3.8	-6.166	-0.0092	-2.5 to 2.5	Pass
				30	3.8	-7.768	-0.0115	-2.5 to 2.5	Pass
				40	3.8	-7.997	-0.0119	-2.5 to 2.5	Pass
	50	3.8	-6.094	-0.0091	-2.5 to 2.5	Pass			
	683	100	0	20	3.46	-4.005	-0.0059	-2.5 to 2.5	Pass
					3.8	-5.150	-0.0075	-2.5 to 2.5	Pass
					4.35	-0.858	-0.0013	-2.5 to 2.5	Pass
				-30	3.8	-4.792	-0.0070	-2.5 to 2.5	Pass
				-20	3.8	-5.980	-0.0088	-2.5 to 2.5	Pass
				-10	3.8	-6.380	-0.0093	-2.5 to 2.5	Pass
				0	3.8	-7.496	-0.0110	-2.5 to 2.5	Pass
				10	3.8	-4.563	-0.0067	-2.5 to 2.5	Pass
				30	3.8	-3.061	-0.0045	-2.5 to 2.5	Pass
40				3.8	-5.336	-0.0078	-2.5 to 2.5	Pass	
50	3.8	-6.123	-0.0090	-2.5 to 2.5	Pass				
688	100	0	20	3.46	-8.268	-0.0120	-2.5 to 2.5	Pass	
				3.8	-7.510	-0.0109	-2.5 to 2.5	Pass	



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					4.35	-9.942	-0.0145	-2.5 to 2.5	Pass
				-30	3.8	-2.275	-0.0033	-2.5 to 2.5	Pass
				-20	3.8	-5.608	-0.0082	-2.5 to 2.5	Pass
				-10	3.8	-7.567	-0.0110	-2.5 to 2.5	Pass
				0	3.8	-8.497	-0.0124	-2.5 to 2.5	Pass
				10	3.8	-6.194	-0.0090	-2.5 to 2.5	Pass
				30	3.8	-5.865	-0.0085	-2.5 to 2.5	Pass
				40	3.8	-8.669	-0.0126	-2.5 to 2.5	Pass
				50	3.8	-7.582	-0.0110	-2.5 to 2.5	Pass
16QAM	673	100	0	20	3.46	-6.752	-0.0100	-2.5 to 2.5	Pass
					3.8	-10.099	-0.0150	-2.5 to 2.5	Pass
					4.35	-5.679	-0.0084	-2.5 to 2.5	Pass
				-30	3.8	-6.022	-0.0089	-2.5 to 2.5	Pass
				-20	3.8	-10.443	-0.0155	-2.5 to 2.5	Pass
				-10	3.8	-7.911	-0.0118	-2.5 to 2.5	Pass
				0	3.8	-9.613	-0.0143	-2.5 to 2.5	Pass
				10	3.8	-3.691	-0.0055	-2.5 to 2.5	Pass
				30	3.8	-5.736	-0.0085	-2.5 to 2.5	Pass
				40	3.8	-6.638	-0.0099	-2.5 to 2.5	Pass
				50	3.8	-8.898	-0.0132	-2.5 to 2.5	Pass
				683	100	0	20	3.46	-7.067
	3.8	-11.845	-0.0173					-2.5 to 2.5	Pass
	4.35	-12.217	-0.0179					-2.5 to 2.5	Pass
	-30	3.8	-10.185				-0.0149	-2.5 to 2.5	Pass
	-20	3.8	-9.270				-0.0136	-2.5 to 2.5	Pass
	-10	3.8	-7.682				-0.0112	-2.5 to 2.5	Pass
	0	3.8	-6.824				-0.0100	-2.5 to 2.5	Pass
	10	3.8	-6.766				-0.0099	-2.5 to 2.5	Pass
	30	3.8	-5.751				-0.0084	-2.5 to 2.5	Pass
	40	3.8	-6.595				-0.0097	-2.5 to 2.5	Pass
	50	3.8	-6.809				-0.0100	-2.5 to 2.5	Pass
	688	100	0				20	3.46	-10.400
				3.8	-4.234	-0.0062		-2.5 to 2.5	Pass
4.35				-7.625	-0.0111	-2.5 to 2.5		Pass	
-30				3.8	-7.067	-0.0103	-2.5 to 2.5	Pass	
-20				3.8	-4.535	-0.0066	-2.5 to 2.5	Pass	
-10				3.8	-2.532	-0.0037	-2.5 to 2.5	Pass	
0				3.8	-1.545	-0.0022	-2.5 to 2.5	Pass	
10				3.8	-7.024	-0.0102	-2.5 to 2.5	Pass	
30				3.8	-2.646	-0.0038	-2.5 to 2.5	Pass	
40				3.8	-1.559	-0.0023	-2.5 to 2.5	Pass	
50				3.8	-7.696	-0.0112	-2.5 to 2.5	Pass	
64QAM				673	100	0	20	3.46	-7.896
	3.8	-10.128	-0.0150					-2.5 to 2.5	Pass
	4.35	-8.240	-0.0122					-2.5 to 2.5	Pass
	-30	3.8	-9.856				-0.0146	-2.5 to 2.5	Pass
	-20	3.8	-6.566				-0.0098	-2.5 to 2.5	Pass
	-10	3.8	-4.721				-0.0070	-2.5 to 2.5	Pass
	0	3.8	-6.652				-0.0099	-2.5 to 2.5	Pass
10	3.8	-5.879	-0.0087	-2.5 to 2.5	Pass				
30	3.8	-5.536	-0.0082	-2.5 to 2.5	Pass				

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Compliance Certification Services (Kunshan) Inc.  
EMC Laboratory

	683	100	0	40	3.8	-3.920	-0.0058	-2.5 to 2.5	Pass
				50	3.8	-0.787	-0.0012	-2.5 to 2.5	Pass
				20	3.46	-5.708	-0.0084	-2.5 to 2.5	Pass
					3.8	-4.120	-0.0060	-2.5 to 2.5	Pass
					4.35	-5.279	-0.0077	-2.5 to 2.5	Pass
				-30	3.8	-6.423	-0.0094	-2.5 to 2.5	Pass
				-20	3.8	-4.420	-0.0065	-2.5 to 2.5	Pass
				-10	3.8	-5.221	-0.0076	-2.5 to 2.5	Pass
				0	3.8	-9.112	-0.0133	-2.5 to 2.5	Pass
				10	3.8	-8.025	-0.0117	-2.5 to 2.5	Pass
	30	3.8	-5.422	-0.0079	-2.5 to 2.5	Pass			
	40	3.8	-4.191	-0.0061	-2.5 to 2.5	Pass			
	50	3.8	-11.015	-0.0161	-2.5 to 2.5	Pass			
	688	100	0	20	3.46	-7.024	-0.0102	-2.5 to 2.5	Pass
					3.8	-4.578	-0.0067	-2.5 to 2.5	Pass
					4.35	-7.524	-0.0109	-2.5 to 2.5	Pass
				-30	3.8	-7.682	-0.0112	-2.5 to 2.5	Pass
				-20	3.8	-6.051	-0.0088	-2.5 to 2.5	Pass
				-10	3.8	-4.549	-0.0066	-2.5 to 2.5	Pass
				0	3.8	-2.747	-0.0040	-2.5 to 2.5	Pass
10				3.8	-9.041	-0.0131	-2.5 to 2.5	Pass	
30				3.8	-6.752	-0.0098	-2.5 to 2.5	Pass	
40				3.8	-5.121	-0.0074	-2.5 to 2.5	Pass	
50	3.8	-4.735	-0.0069	-2.5 to 2.5	Pass				

### 3. Modulation Characteristics

#### 3.1 B71\_5MHz

##### 3.1.1 Test Result

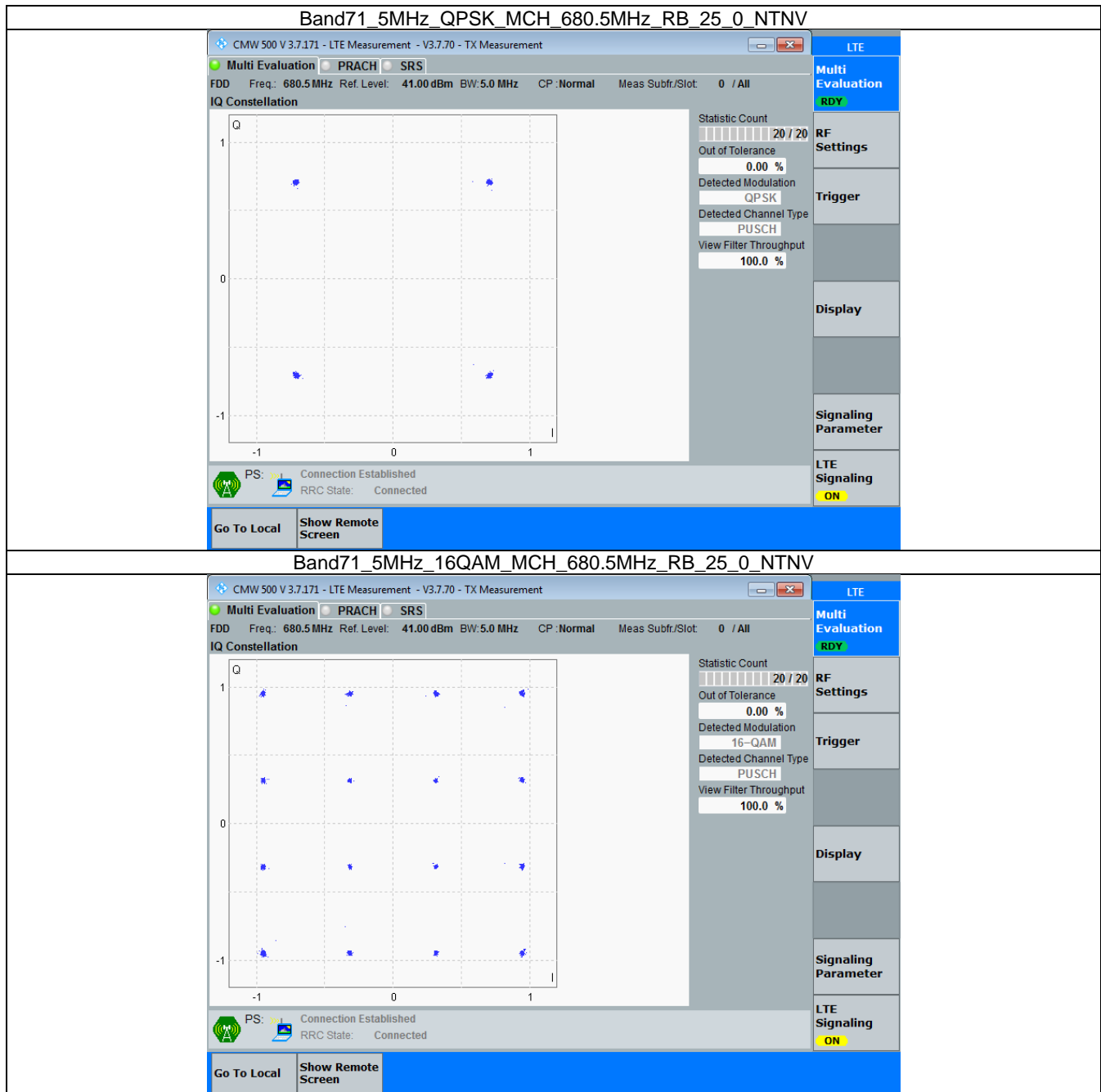
Band: 71 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	680.5	25	0	Refer To Test Graph		Pass
16QAM	680.5	25	0	Refer To Test Graph		Pass
64QAM	680.5	25	0	Refer To Test Graph		Pass



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3.1.2 Test Graph

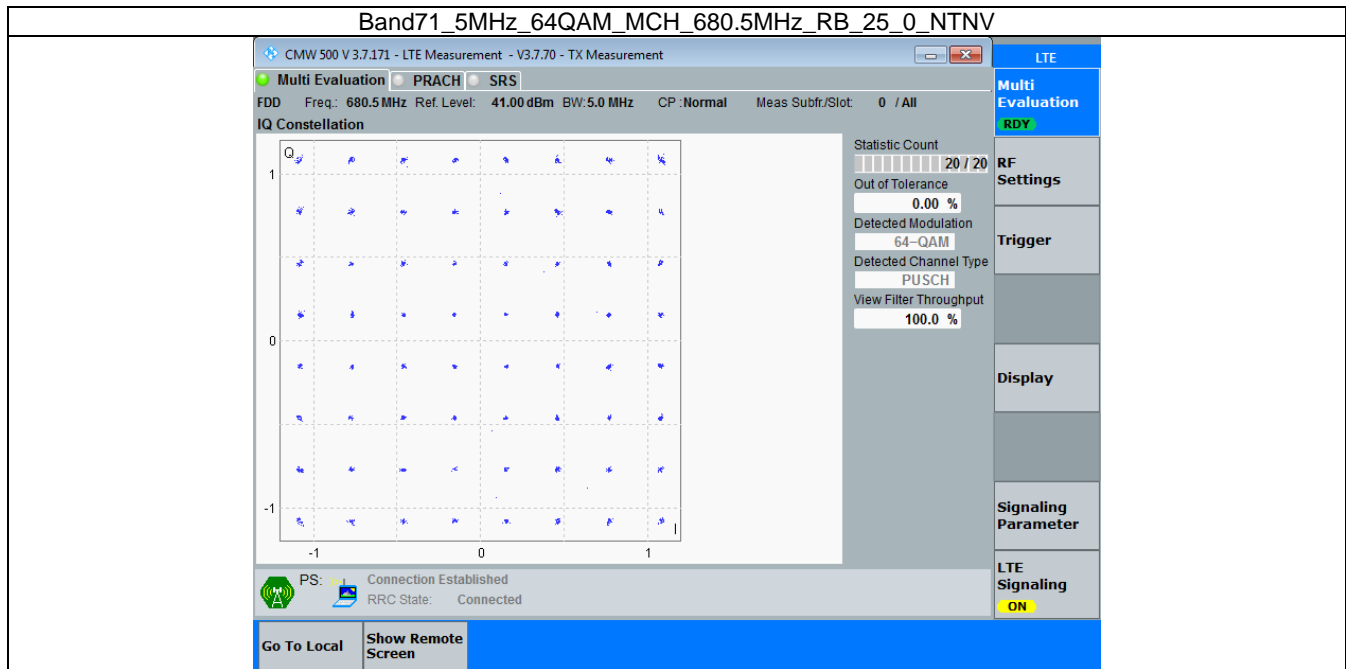


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3.2 B71\_10MHz

3.2.1 Test Result

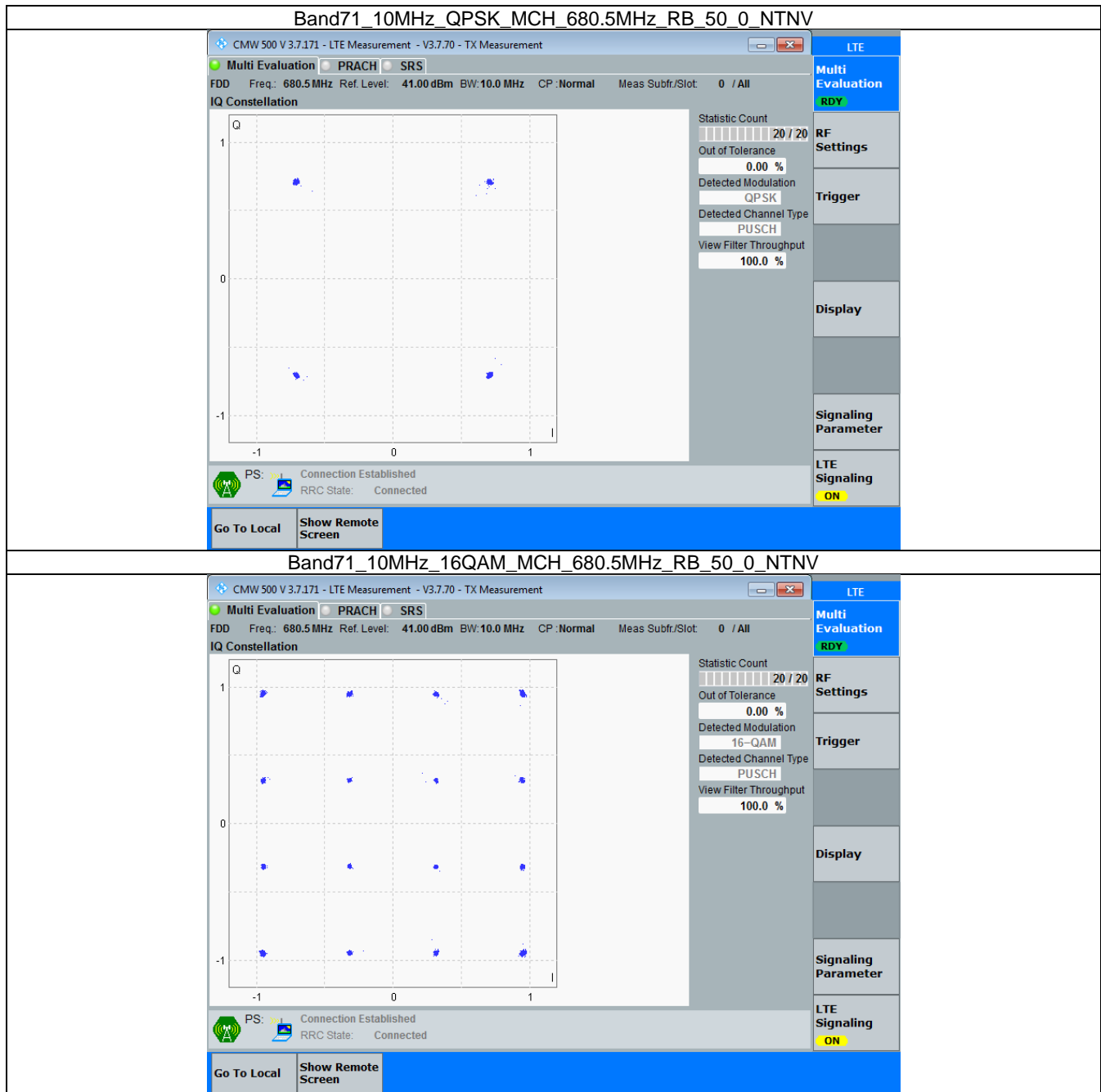
Band: 71 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	680.5	50	0	Refer To Test Graph		Pass
16QAM	680.5	50	0	Refer To Test Graph		Pass
64QAM	680.5	50	0	Refer To Test Graph		Pass



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3.2.2 Test Graph

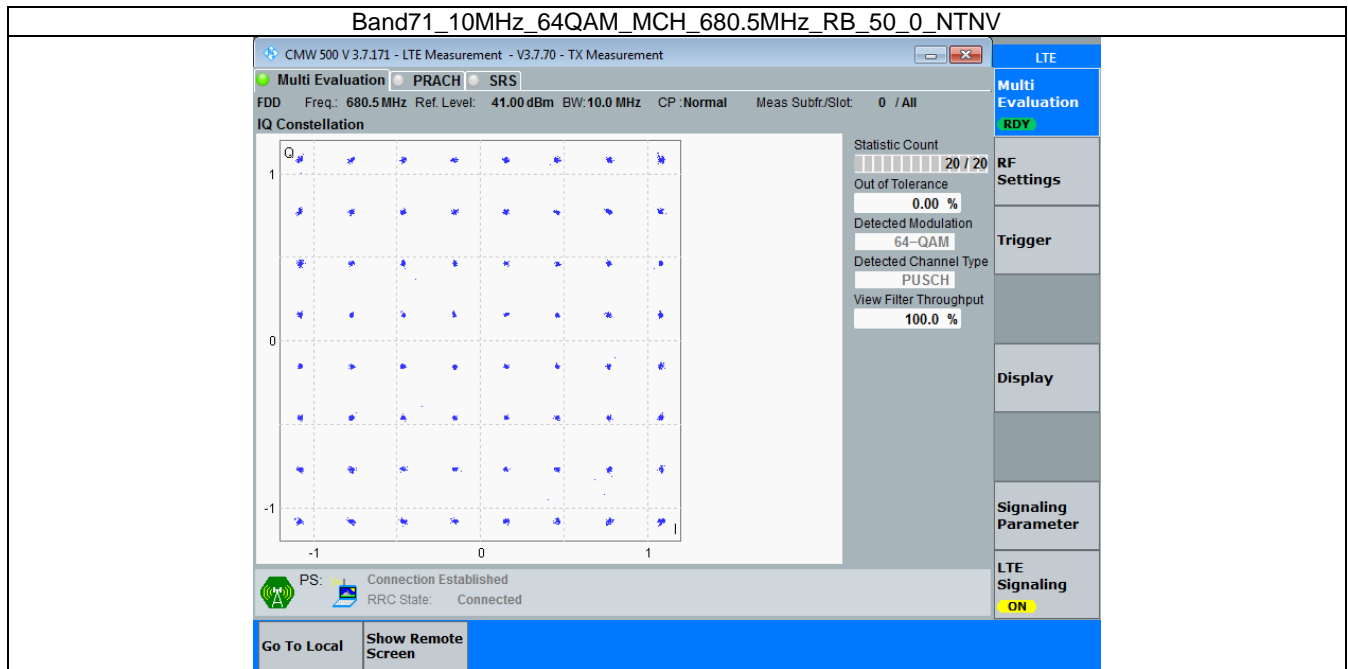


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3.3 B71\_15MHz

3.3.1 Test Result

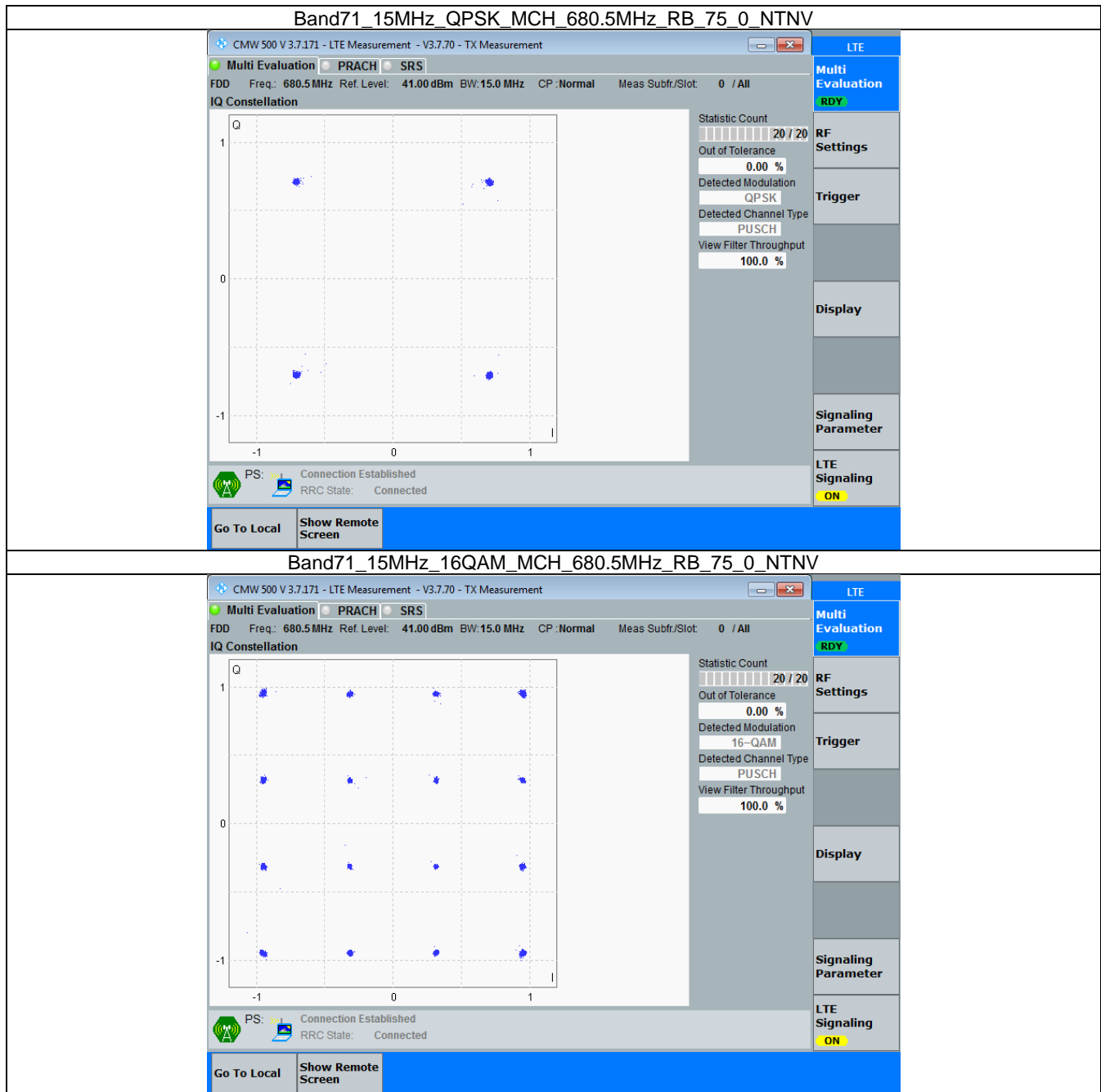
Band: 71 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	680.5	75	0	Refer To Test Graph		Pass
16QAM	680.5	75	0	Refer To Test Graph		Pass
64QAM	680.5	75	0	Refer To Test Graph		Pass



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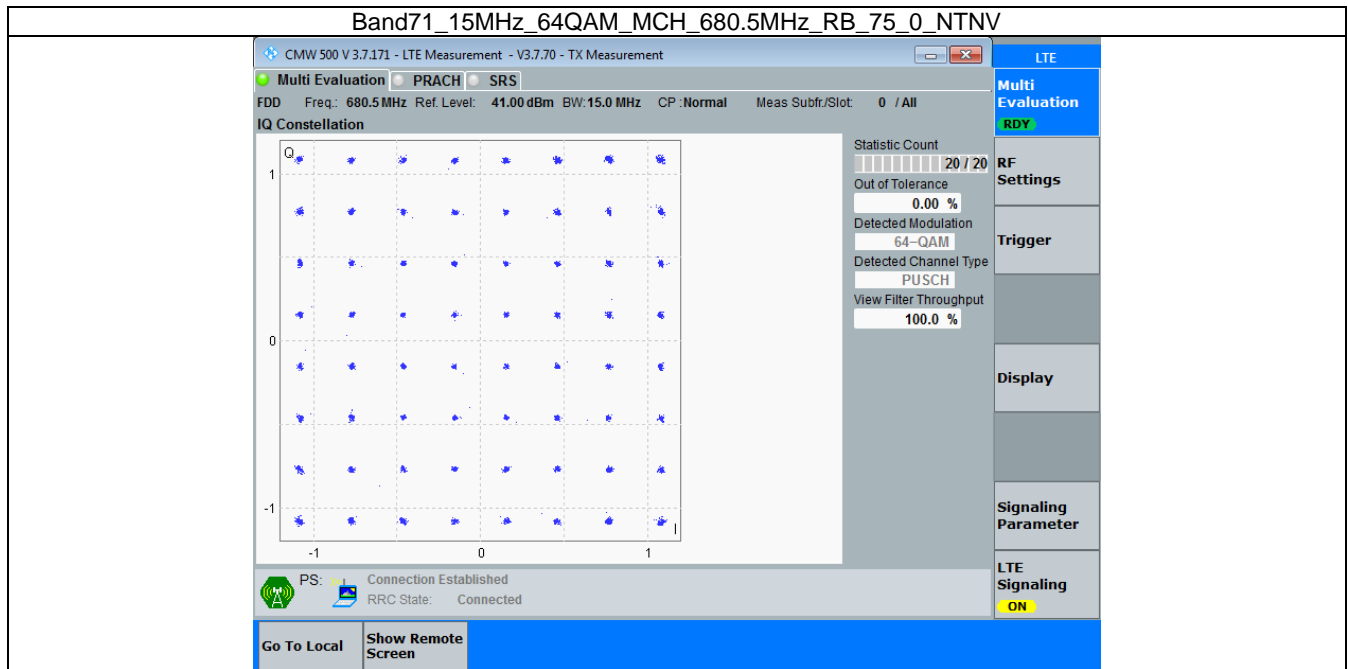
3.3.2 Test Graph



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3.4 B71\_20MHz

3.4.1 Test Result

Band: 71 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	683	100	0	Refer To Test Graph		Pass
16QAM	683	100	0	Refer To Test Graph		Pass
64QAM	683	100	0	Refer To Test Graph		Pass

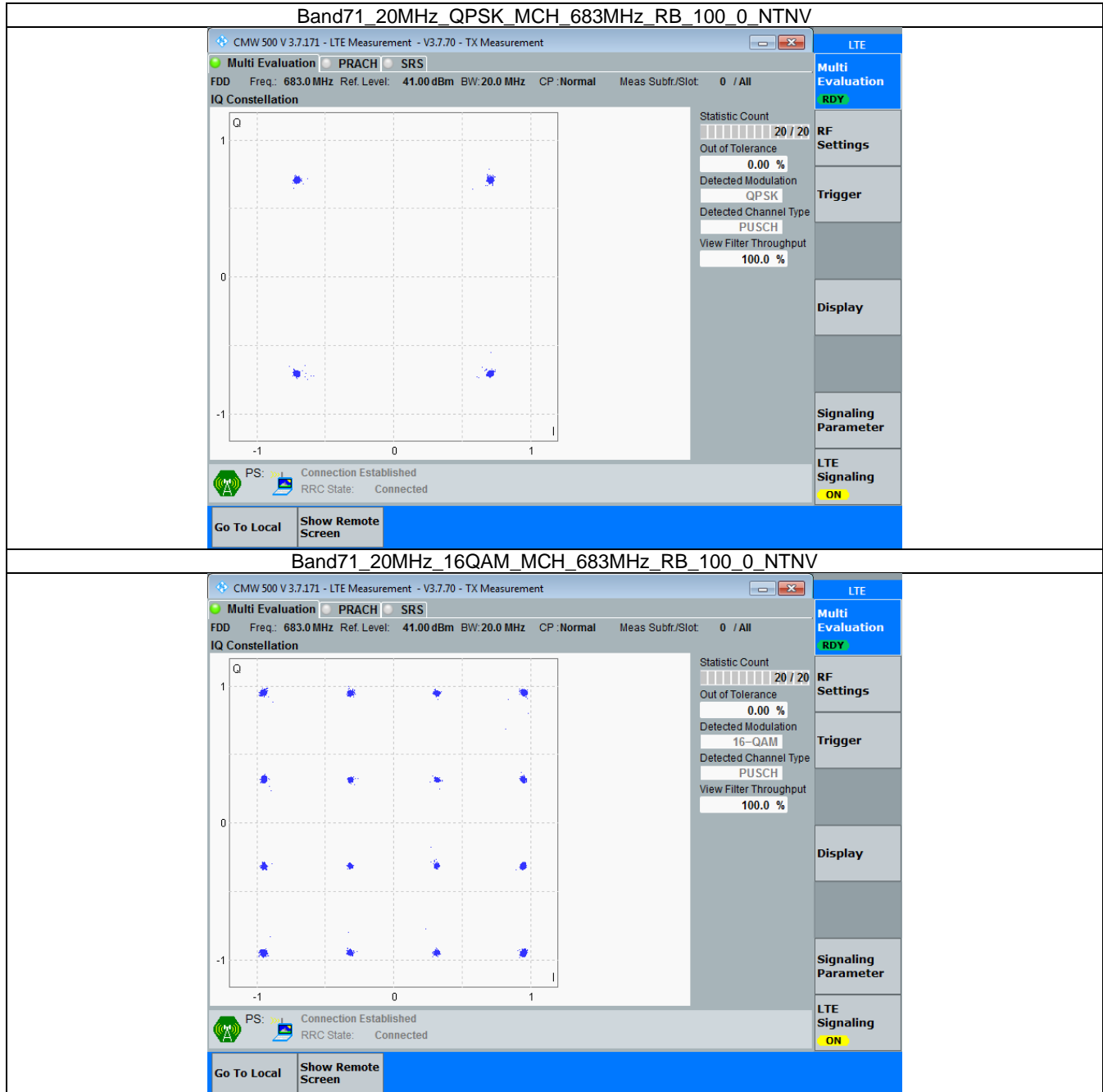


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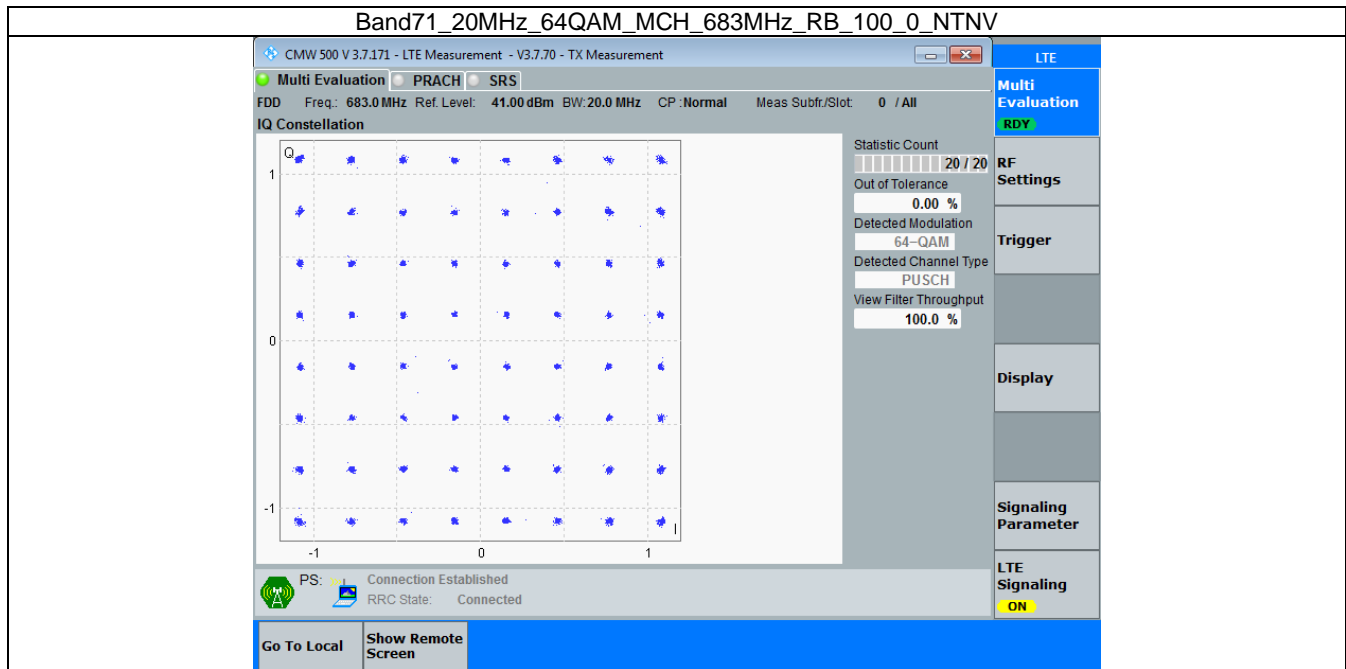
3.4.2 Test Graph



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4. 99% & 26dB Bandwidth

4.1 Band71\_OBW

4.1.1 Test Result

Band: 71 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	665.5	25	0	4.557	Pass
		680.5	25	0	4.556	Pass
		695.5	25	0	4.588	Pass
	16QAM	665.5	25	0	4.564	Pass
		680.5	25	0	4.592	Pass
		695.5	25	0	4.542	Pass
	64QAM	665.5	25	0	4.572	Pass
		680.5	25	0	4.572	Pass
		695.5	25	0	4.551	Pass
10	QPSK	668	50	0	9.062	Pass
		680.5	50	0	9.047	Pass
		693	50	0	9.090	Pass
	16QAM	668	50	0	9.081	Pass
		680.5	50	0	9.075	Pass
		693	50	0	9.088	Pass
	64QAM	668	50	0	9.052	Pass
		680.5	50	0	9.067	Pass
		693	50	0	9.078	Pass
15	QPSK	670.5	75	0	13.610	Pass
		680.5	75	0	13.568	Pass
		690.5	75	0	13.616	Pass
	16QAM	670.5	75	0	13.613	Pass
		680.5	75	0	13.615	Pass
		690.5	75	0	13.622	Pass
	64QAM	670.5	75	0	13.591	Pass
		680.5	75	0	13.646	Pass
		690.5	75	0	13.635	Pass
20	QPSK	673	100	0	18.057	Pass
		683	100	0	18.075	Pass
		688	100	0	18.102	Pass
	16QAM	673	100	0	18.122	Pass
		683	100	0	18.090	Pass
		688	100	0	18.085	Pass
	64QAM	673	100	0	18.038	Pass
		683	100	0	18.087	Pass
		688	100	0	18.106	Pass



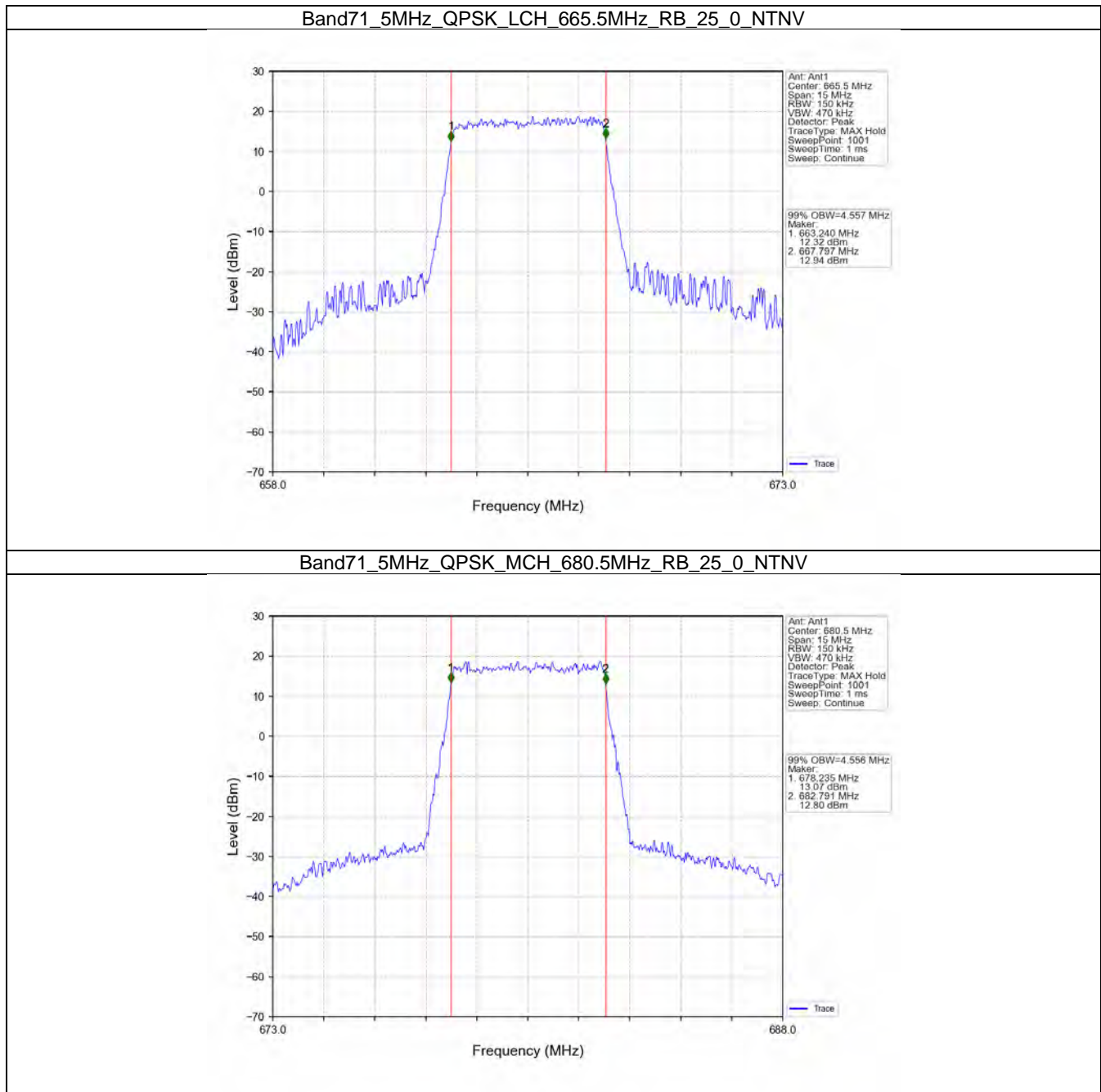
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4.1.2 Test Graph



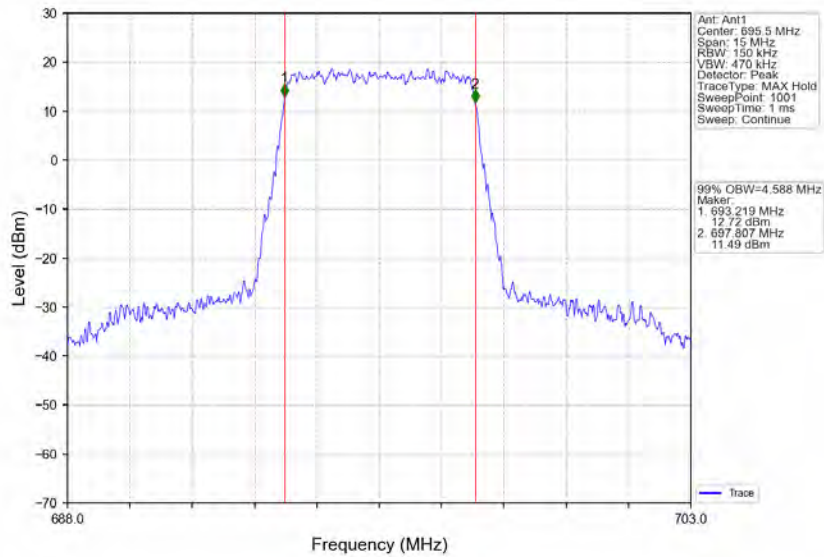
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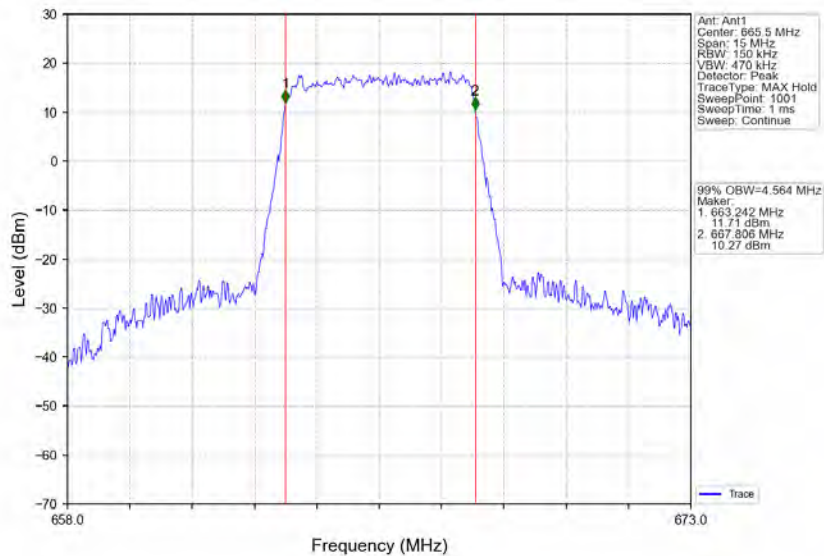
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Band71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_25\_0\_NTNV

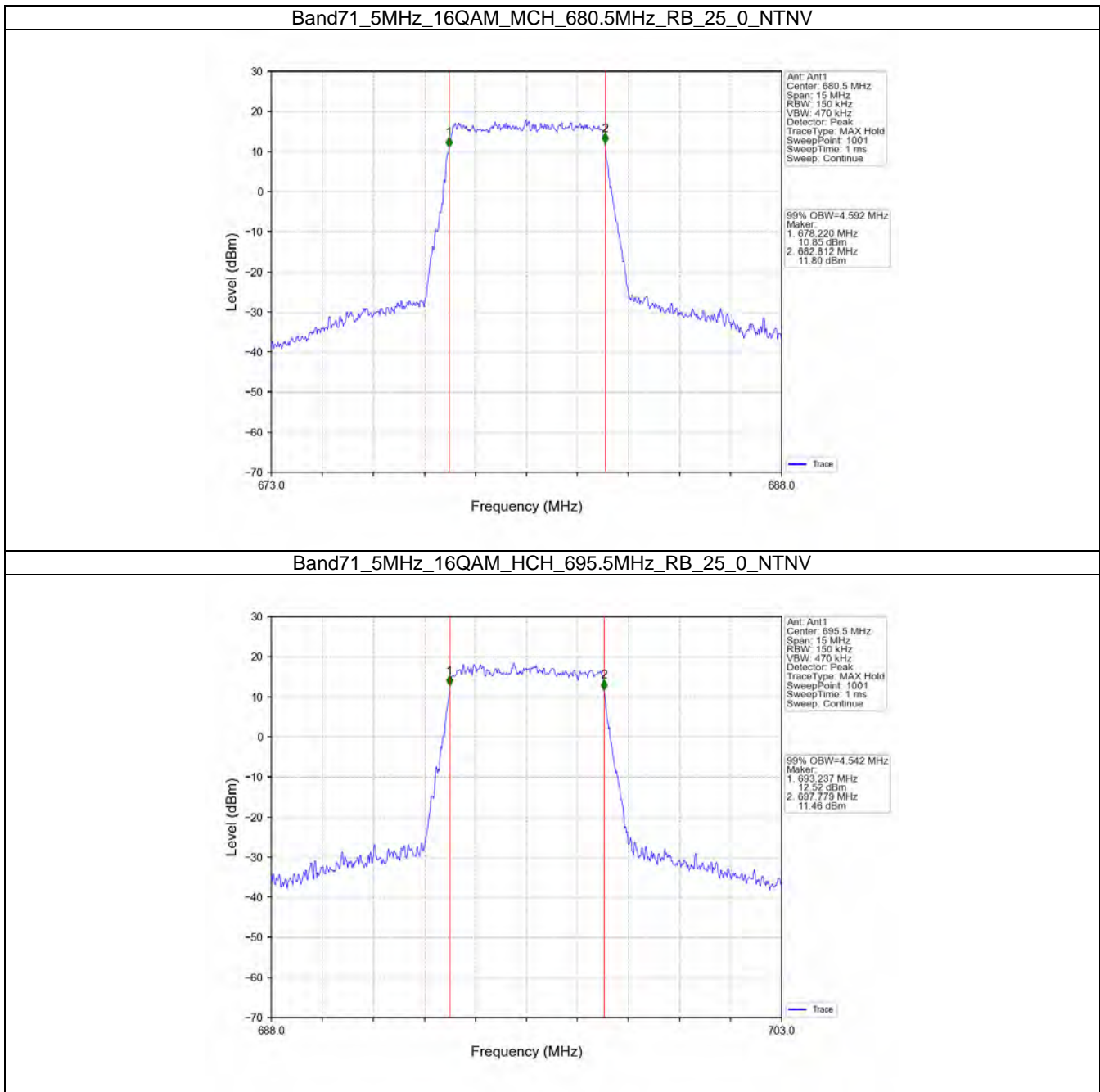


Band71\_5MHz\_16QAM\_LCH\_665.5MHz\_RB\_25\_0\_NTNV



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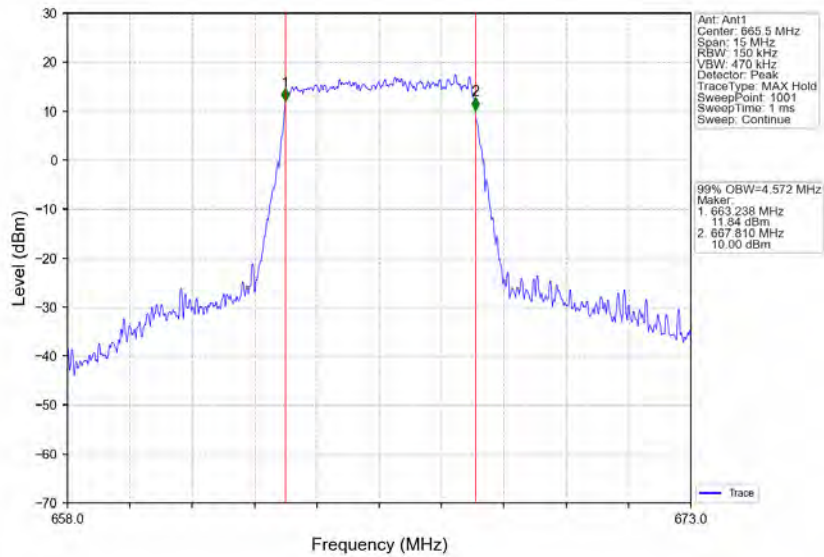
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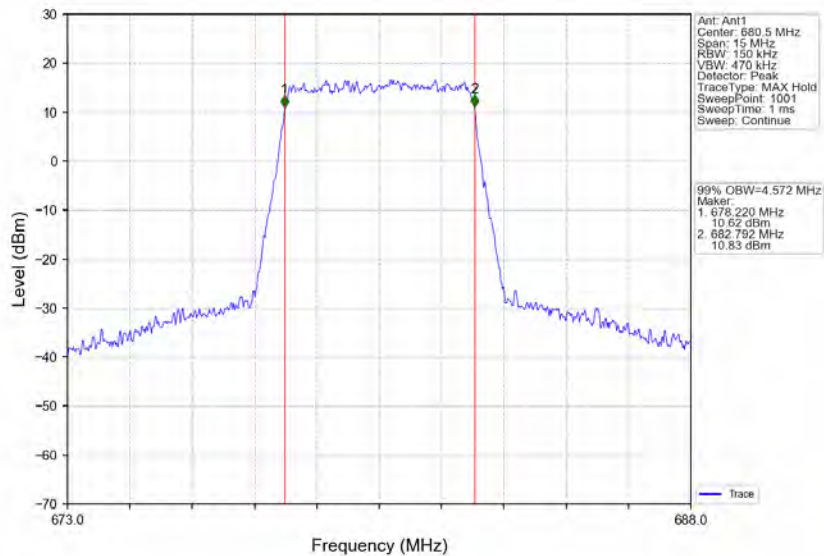
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Band71\_5MHz\_64QAM\_LCH\_665.5MHz\_RB\_25\_0\_NTNV



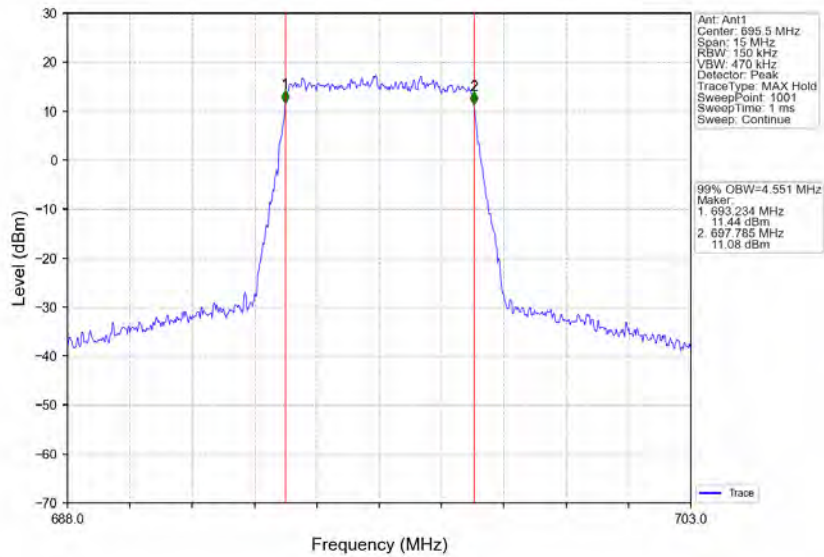
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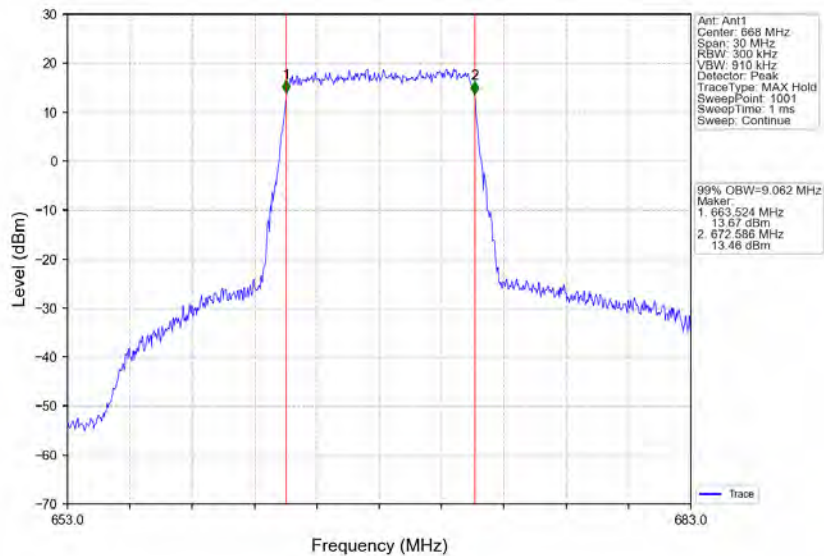
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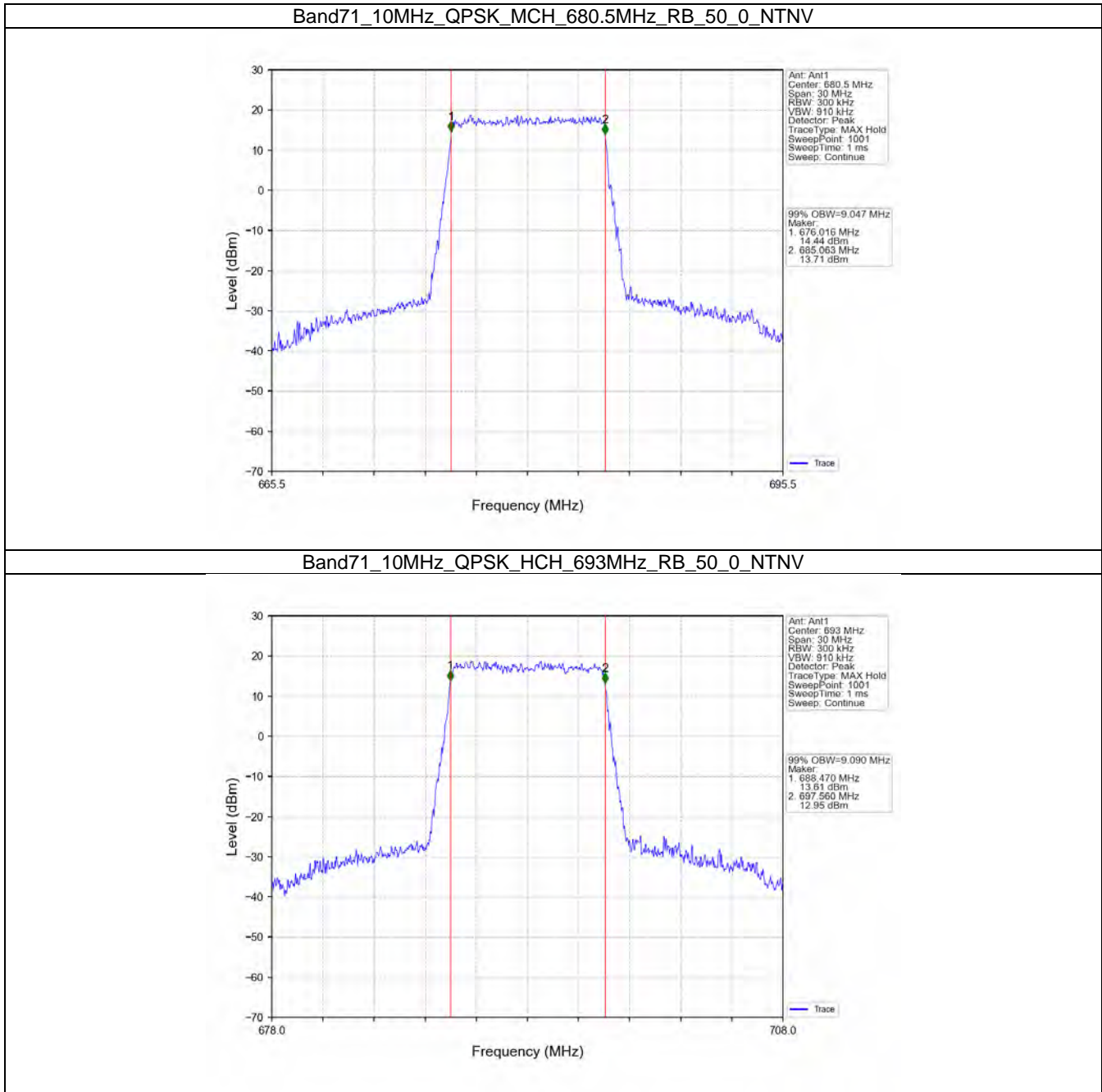
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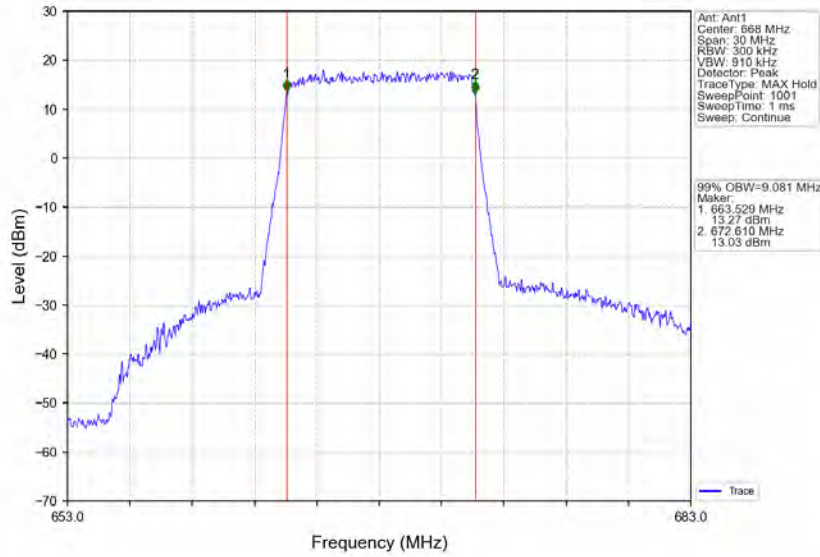




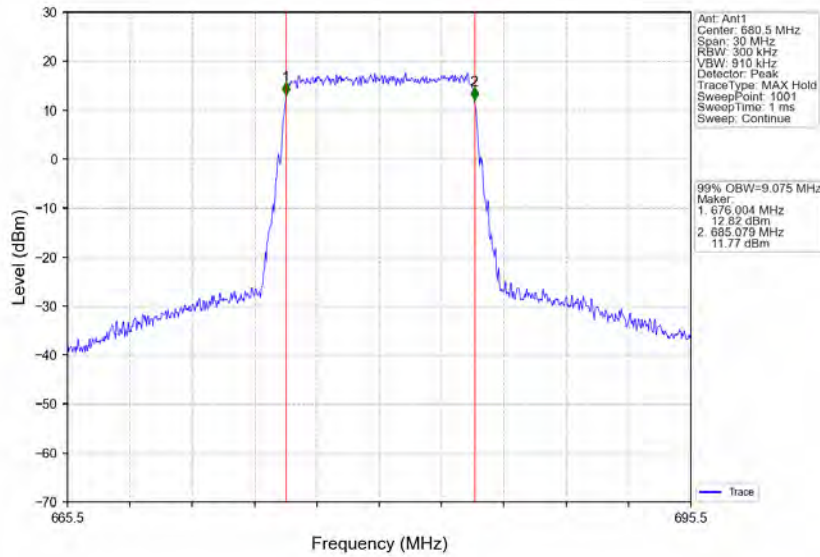
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Band71\_10MHz\_16QAM\_LCH\_668MHz\_RB\_50\_0\_NTNV



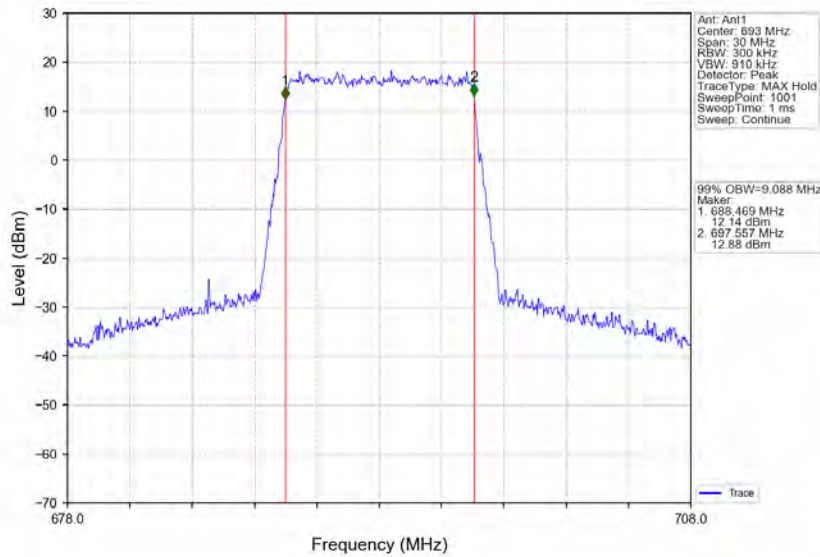
Band71\_10MHz\_16QAM\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



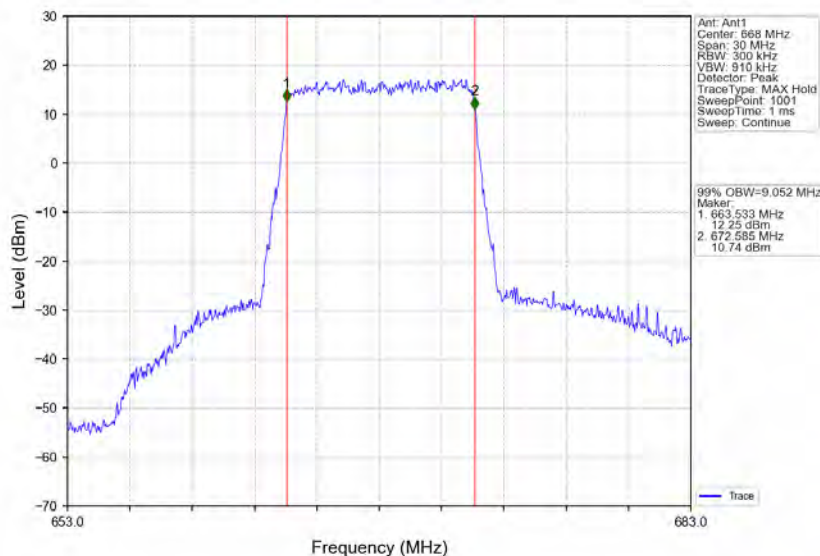
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Band71\_10MHz\_16QAM\_HCH\_693MHz\_RB\_50\_0\_NTNV



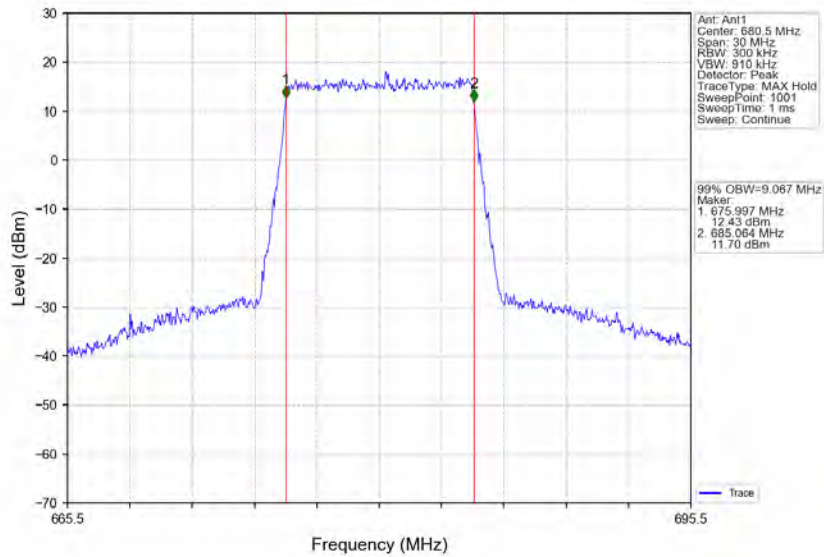
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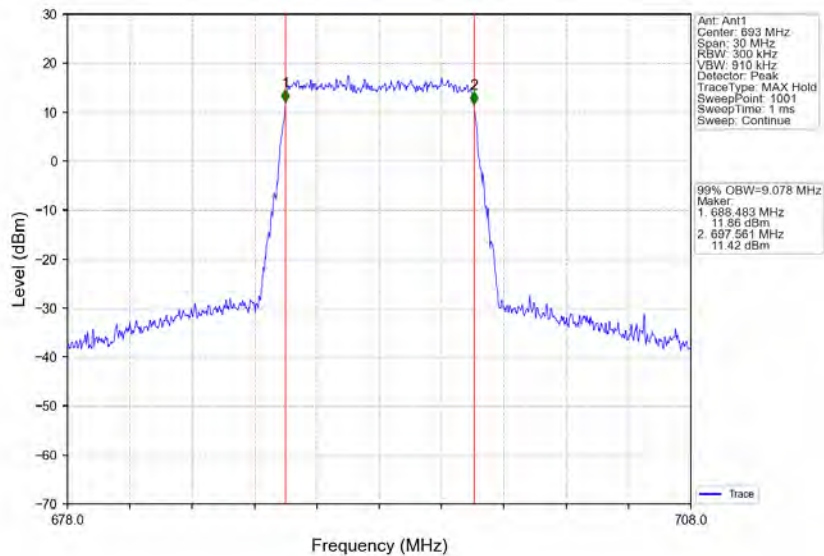
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Band71\_10MHz\_64QAM\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



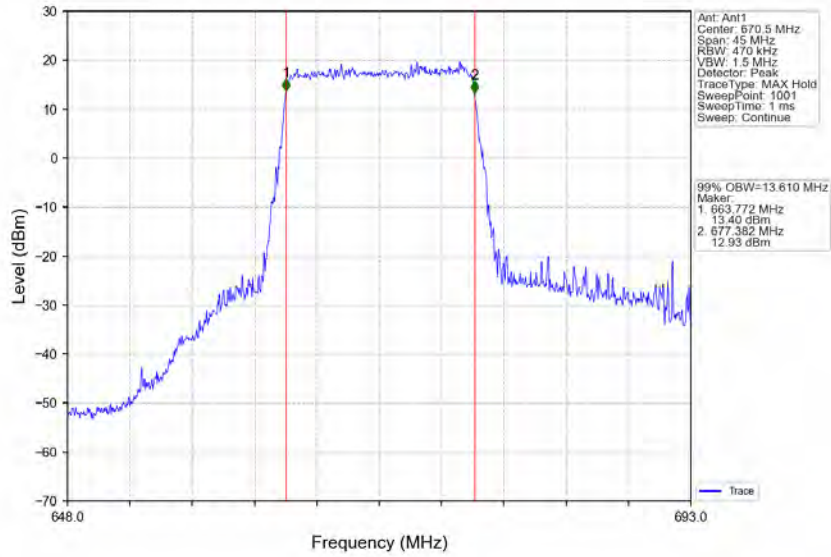
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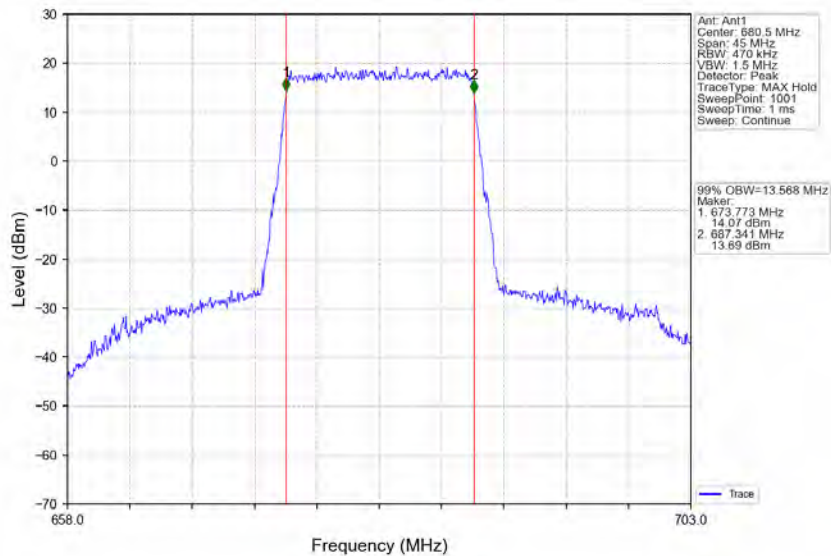
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Band71\_15MHz\_QPSK\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



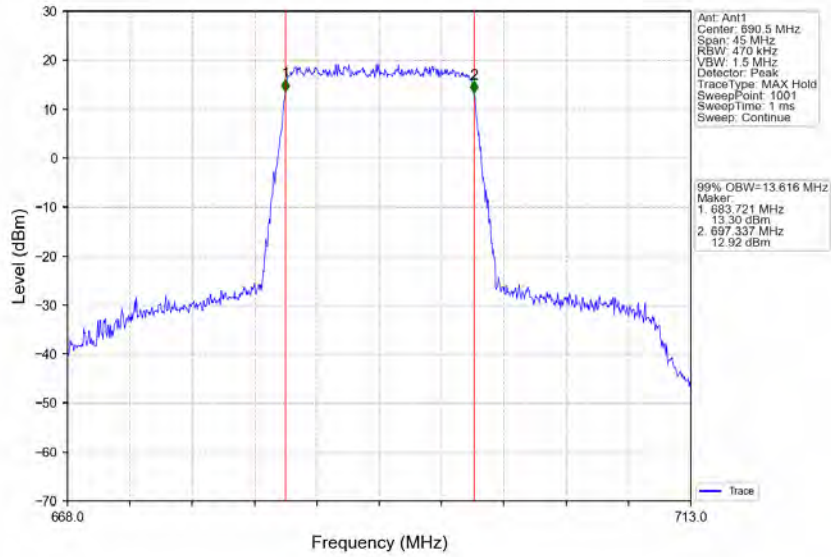
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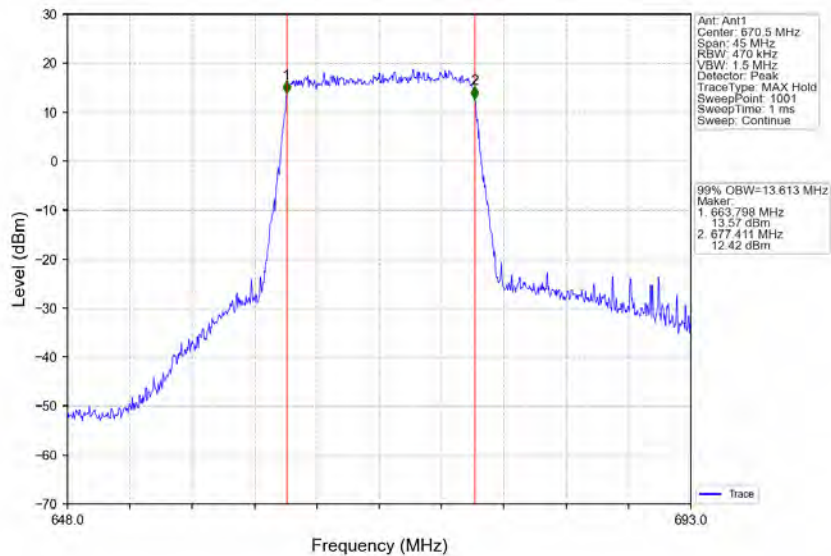
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Band71\_15MHz\_QPSK\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



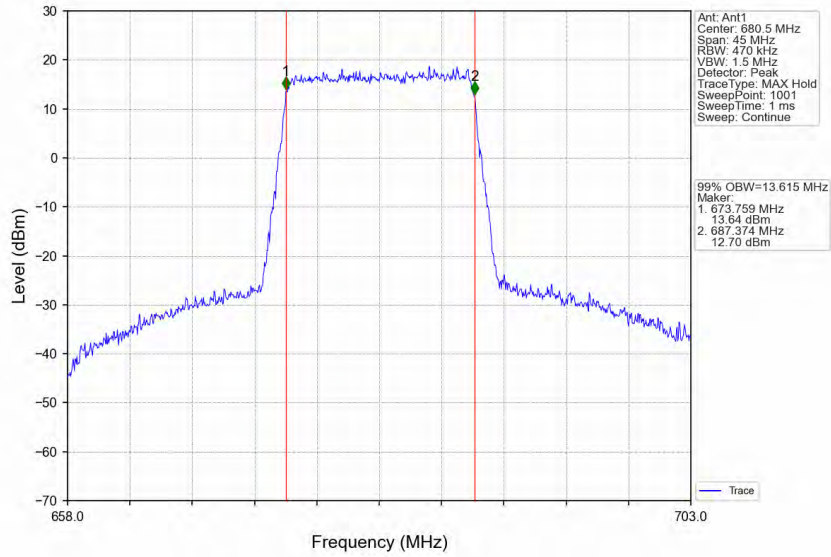
Band71\_15MHz\_16QAM\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



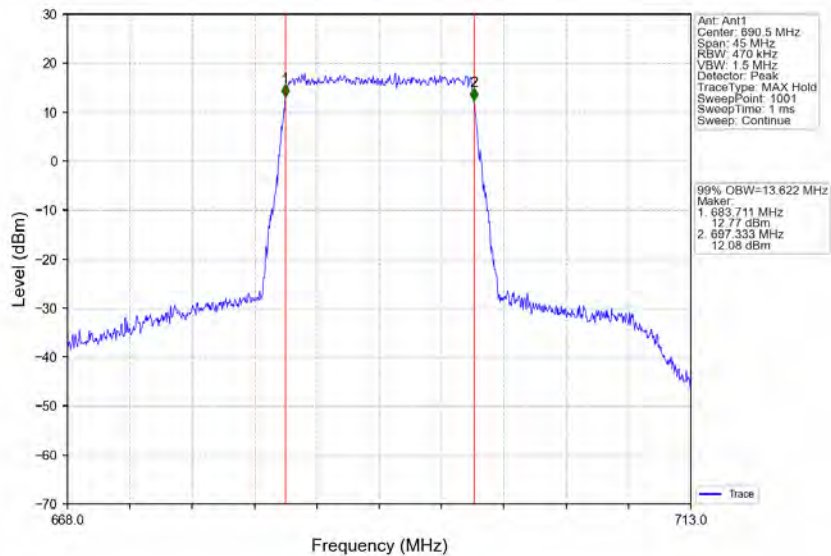
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Band71\_15MHz\_16QAM\_MCH\_680.5MHz\_RB\_75\_0\_NTNV



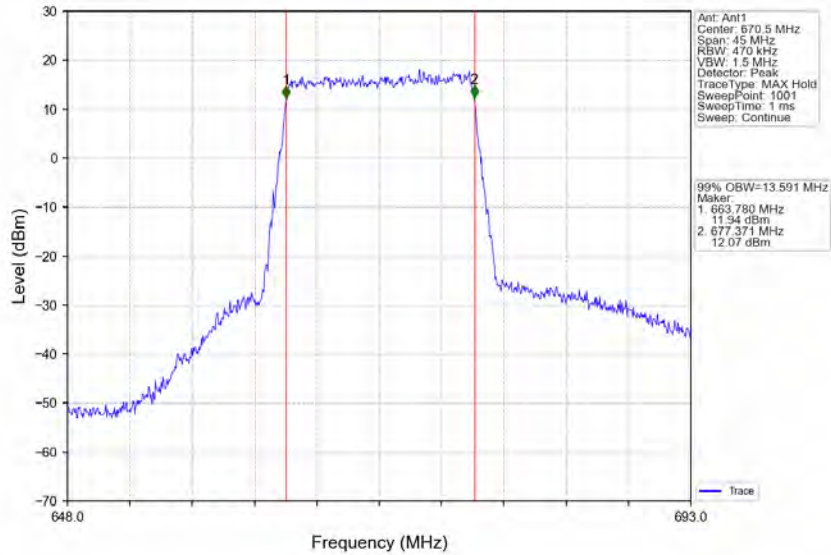
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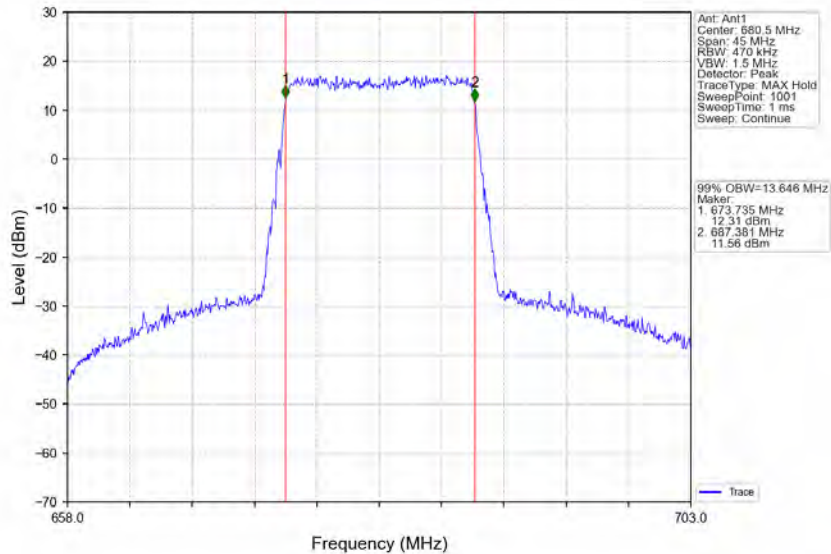
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Band71\_15MHz\_64QAM\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



Band71\_15MHz\_64QAM\_MCH\_680.5MHz\_RB\_75\_0\_NTNV

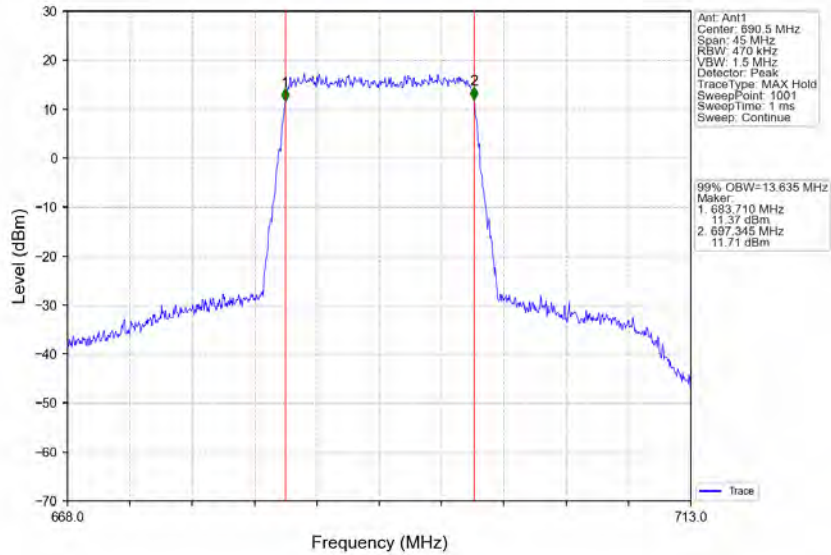


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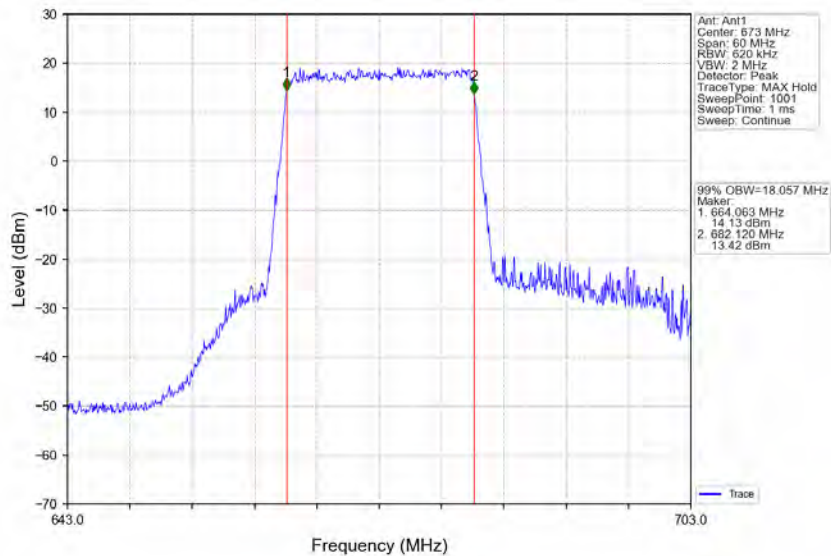
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Band71\_15MHz\_64QAM\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



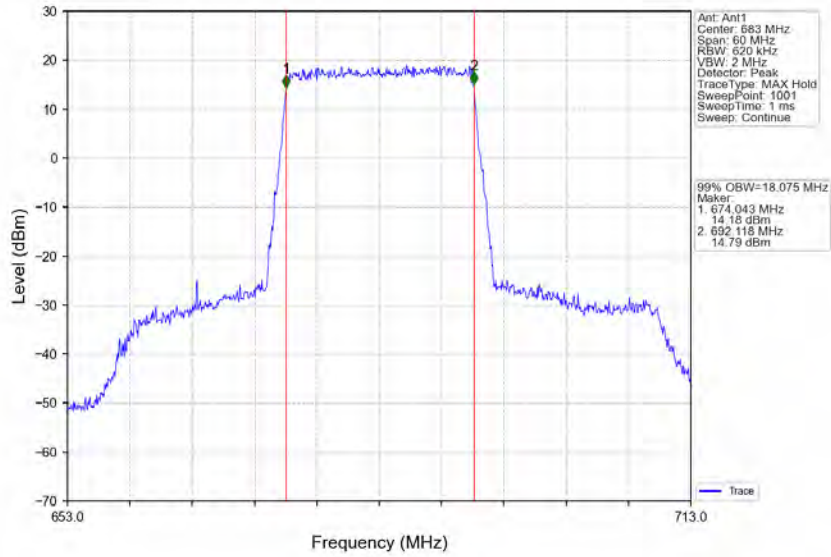
Band71\_20MHz\_QPSK\_LCH\_673MHz\_RB\_100\_0\_NTNV



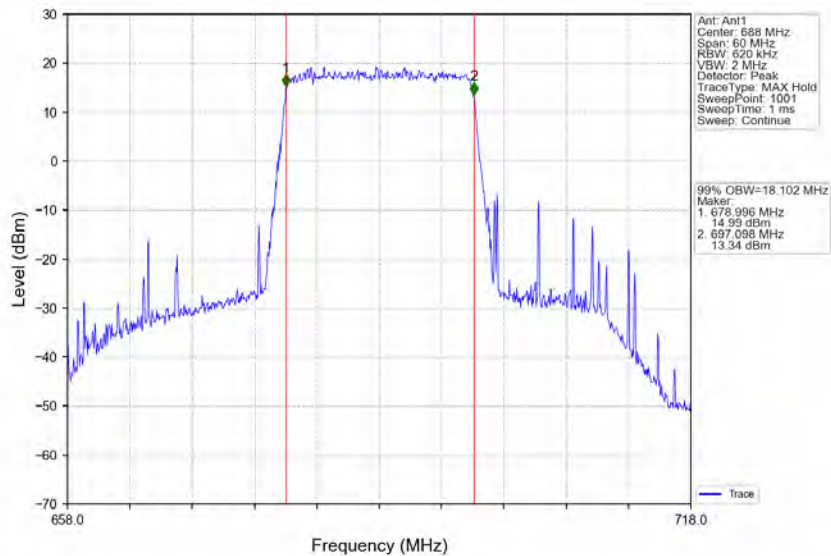
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Band71\_20MHz\_QPSK\_MCH\_683MHz\_RB\_100\_0\_NTNV

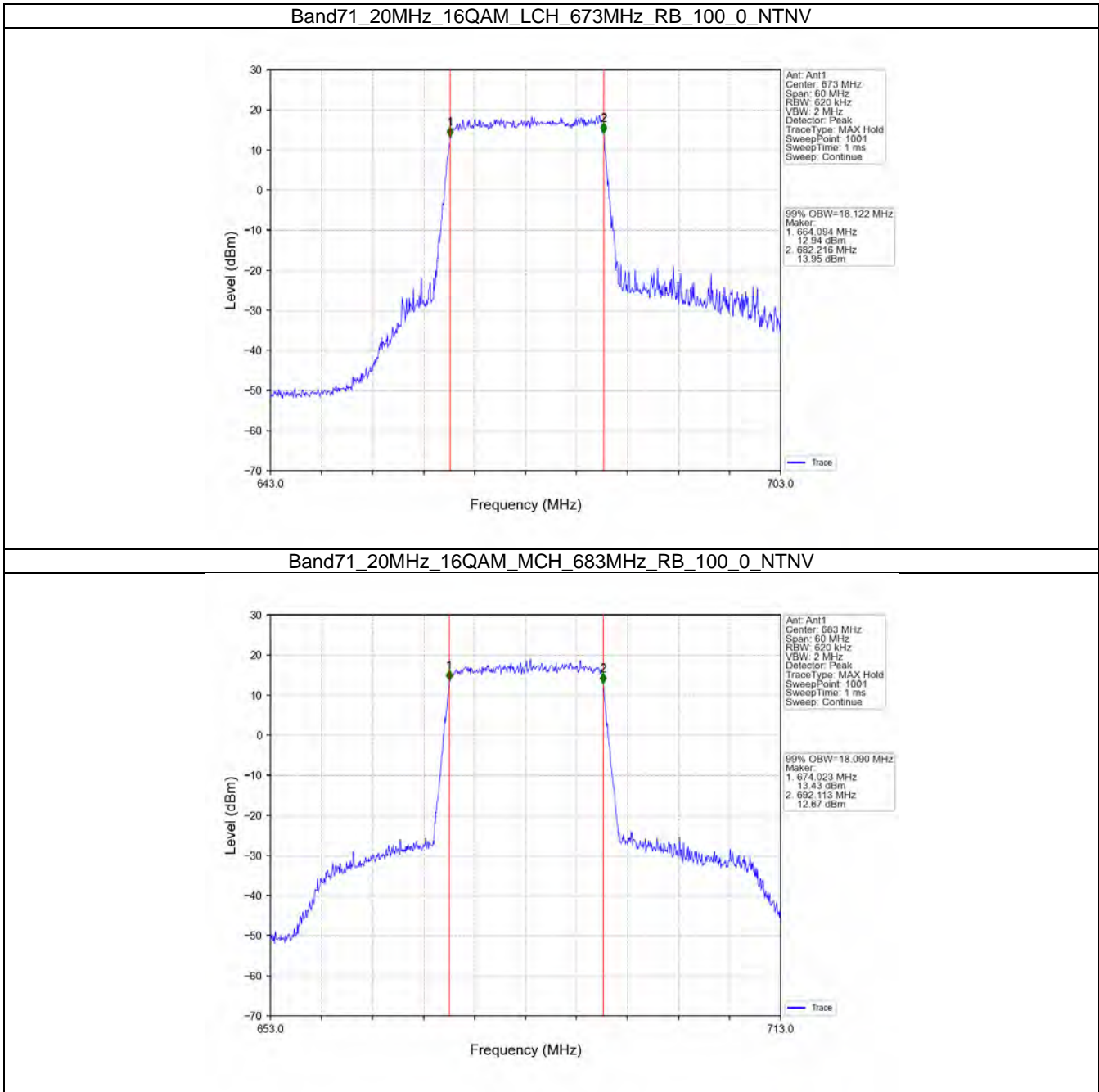


Band71\_20MHz\_QPSK\_HCH\_688MHz\_RB\_100\_0\_NTNV



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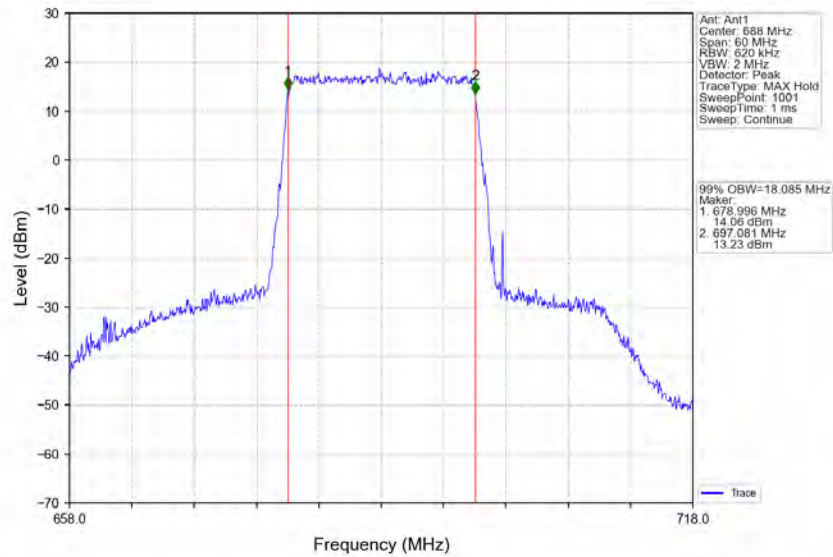
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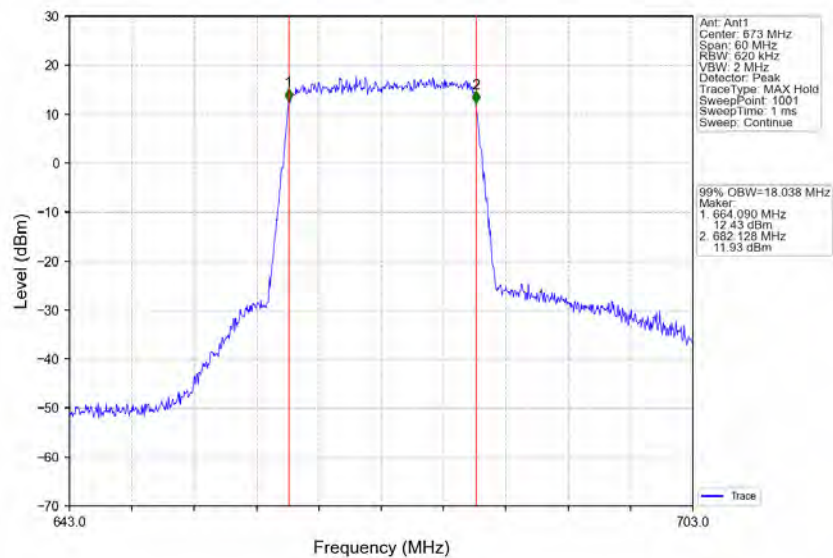
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Band71\_20MHz\_16QAM\_HCH\_688MHz\_RB\_100\_0\_NTNV



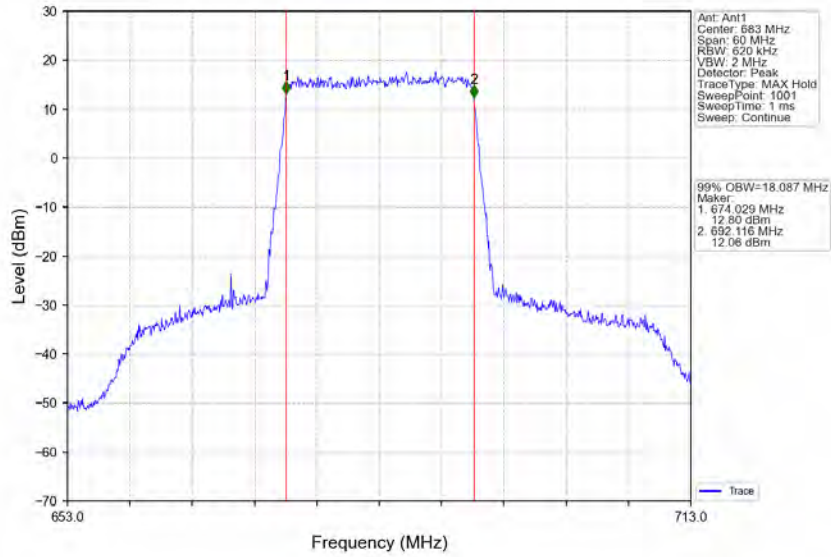
Band71\_20MHz\_64QAM\_LCH\_673MHz\_RB\_100\_0\_NTNV



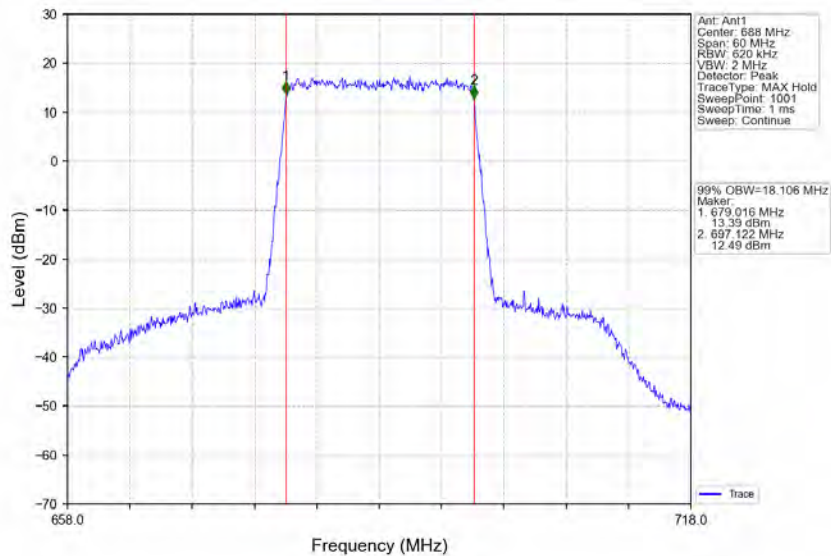
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Band71\_20MHz\_64QAM\_MCH\_683MHz\_RB\_100\_0\_NTNV



Band71\_20MHz\_64QAM\_HCH\_688MHz\_RB\_100\_0\_NTNV



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4.2 Band71\_XDB

4.2.1 Test Result

Band: 71 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	665.5	25	0	5.210	Pass
		680.5	25	0	5.266	Pass
		695.5	25	0	5.227	Pass
	16QAM	665.5	25	0	5.278	Pass
		680.5	25	0	5.255	Pass
		695.5	25	0	5.267	Pass
	64QAM	665.5	25	0	5.264	Pass
		680.5	25	0	5.256	Pass
		695.5	25	0	5.251	Pass
10	QPSK	668	50	0	10.342	Pass
		680.5	50	0	10.227	Pass
		693	50	0	10.371	Pass
	16QAM	668	50	0	10.203	Pass
		680.5	50	0	10.117	Pass
		693	50	0	10.260	Pass
	64QAM	668	50	0	10.227	Pass
		680.5	50	0	10.174	Pass
		693	50	0	10.190	Pass
15	QPSK	670.5	75	0	15.279	Pass
		680.5	75	0	15.317	Pass
		690.5	75	0	15.317	Pass
	16QAM	670.5	75	0	15.201	Pass
		680.5	75	0	15.281	Pass
		690.5	75	0	15.332	Pass
	64QAM	670.5	75	0	15.316	Pass
		680.5	75	0	15.384	Pass
		690.5	75	0	15.218	Pass
20	QPSK	673	100	0	20.161	Pass
		683	100	0	20.218	Pass
		688	100	0	20.119	Pass
	16QAM	673	100	0	20.057	Pass
		683	100	0	19.937	Pass
		688	100	0	20.106	Pass
	64QAM	673	100	0	20.100	Pass
		683	100	0	19.977	Pass
		688	100	0	19.993	Pass

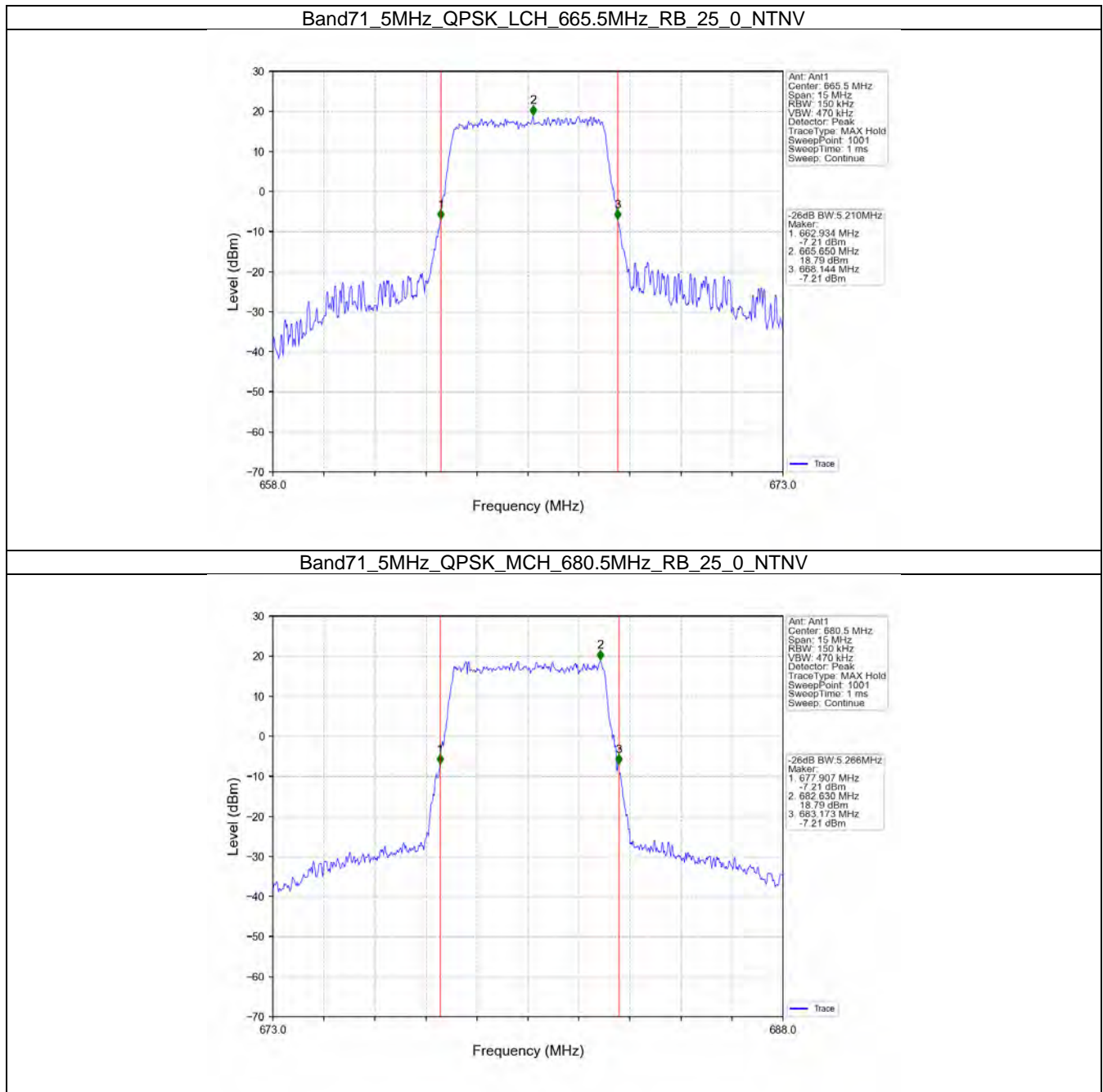


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4.2.2 Test Graph



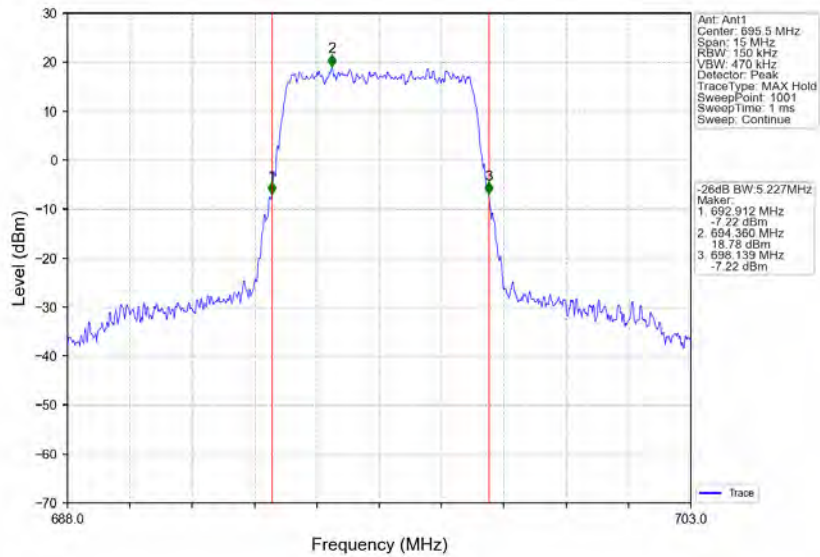
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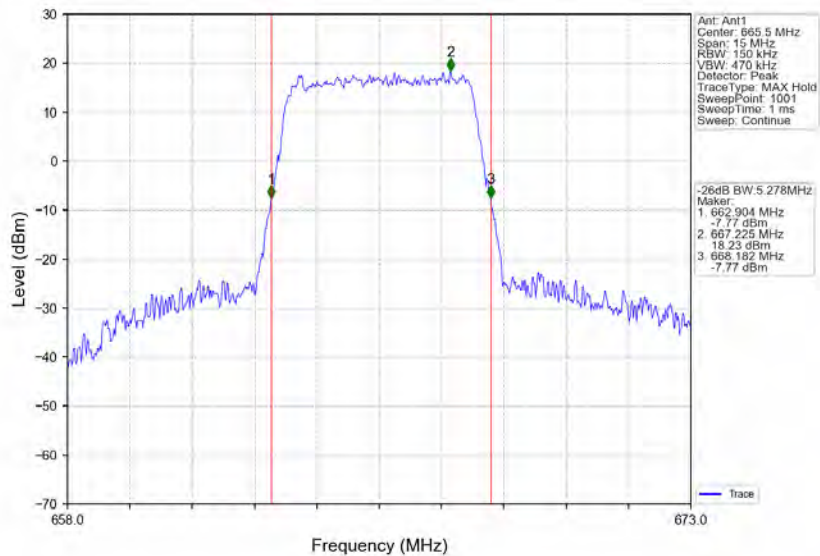
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Band71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_25\_0\_NTNV



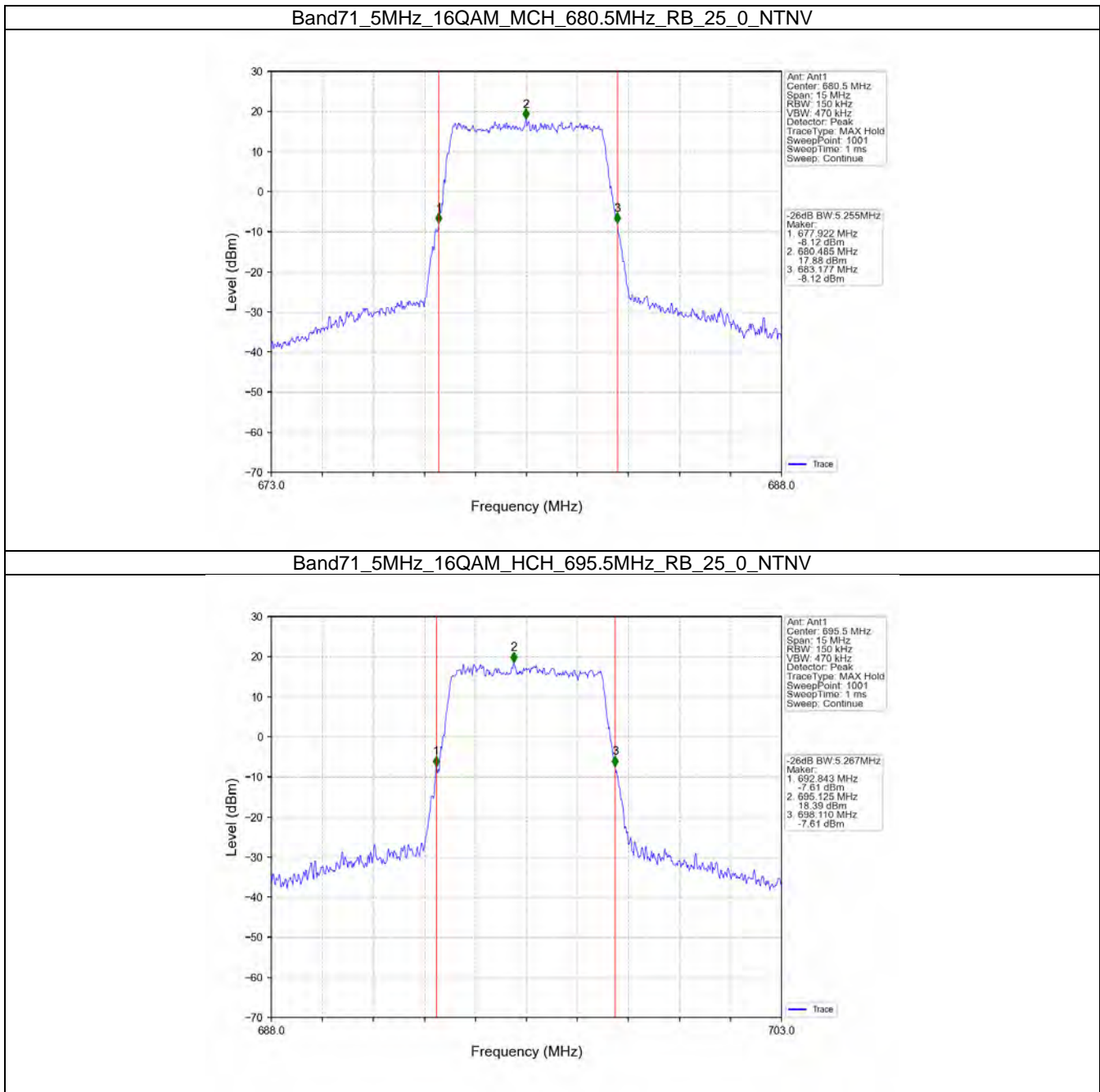
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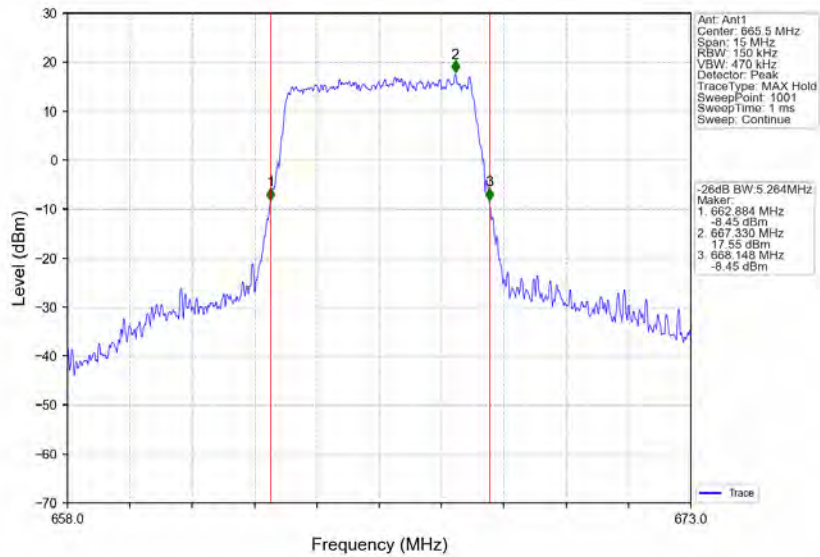




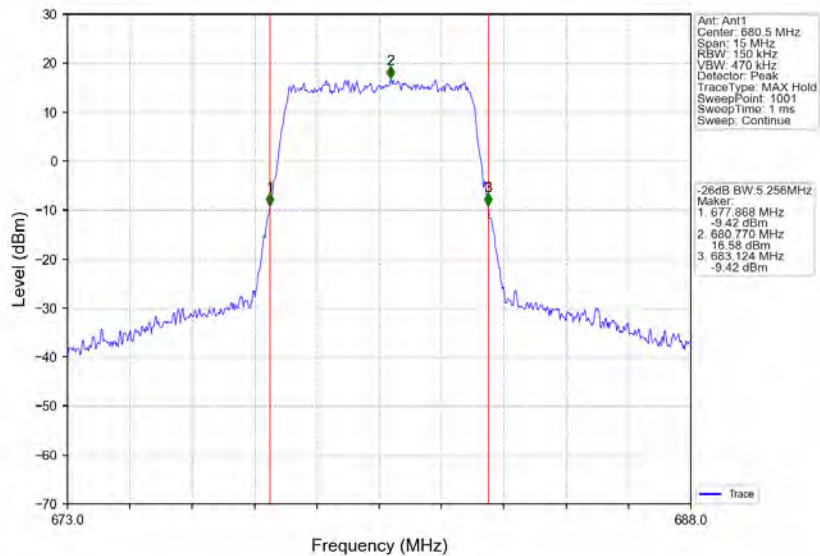
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Band71\_5MHz\_64QAM\_LCH\_665.5MHz\_RB\_25\_0\_NTNV



Band71\_5MHz\_64QAM\_MCH\_680.5MHz\_RB\_25\_0\_NTNV

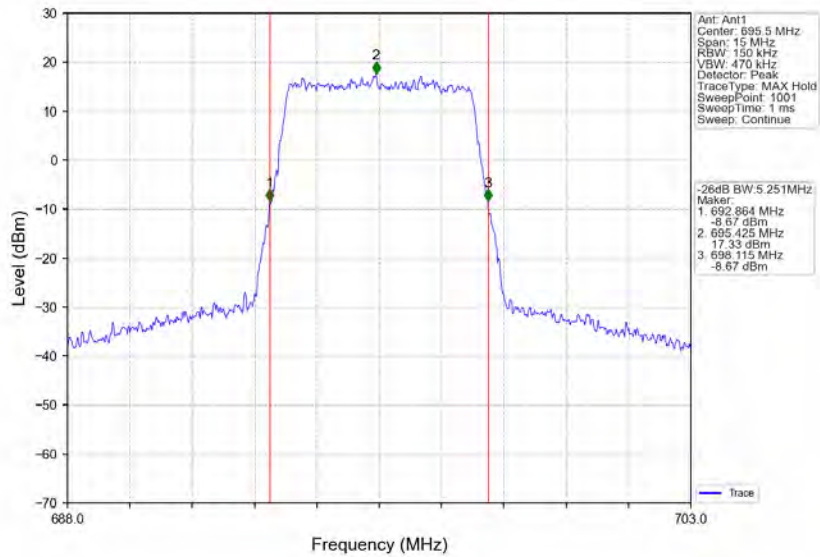


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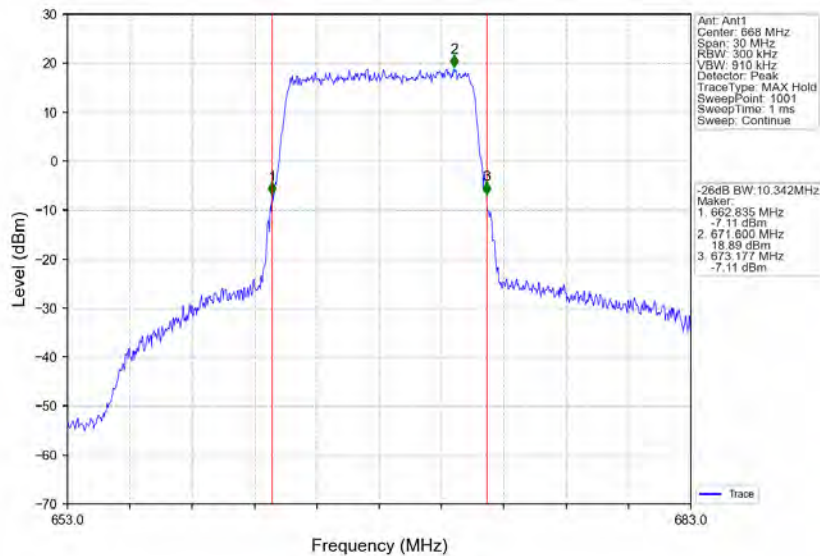
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Band71\_5MHz\_64QAM\_HCH\_695.5MHz\_RB\_25\_0\_NTNV



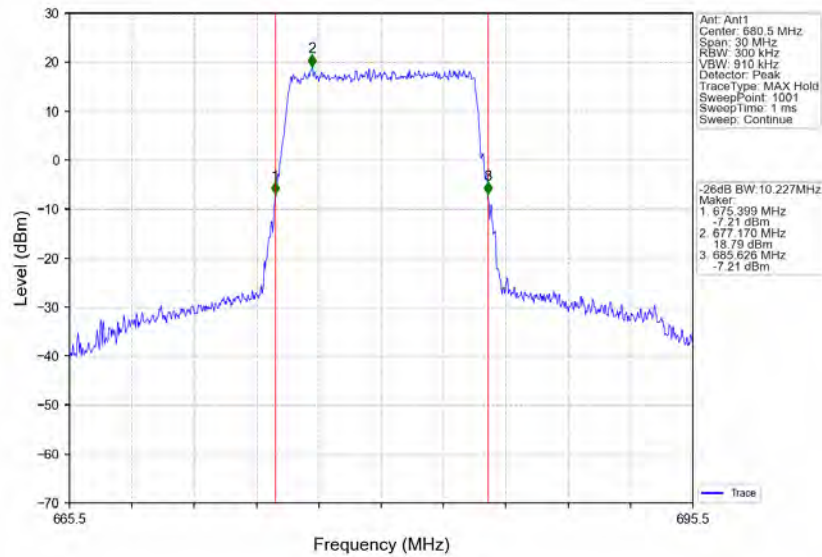
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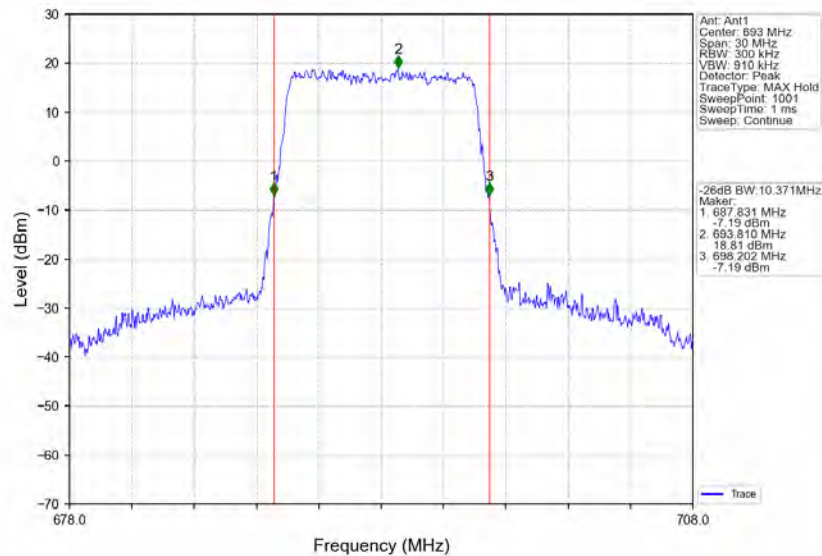
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Band71\_10MHz\_QPSK\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



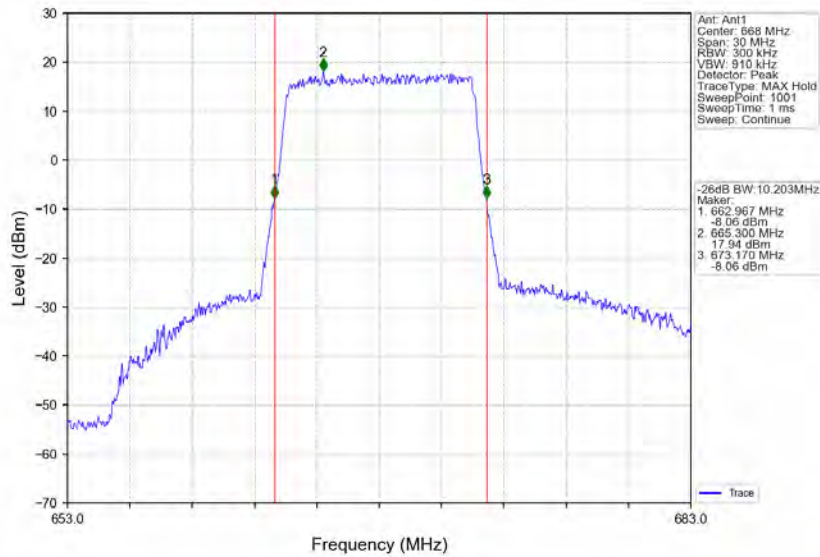
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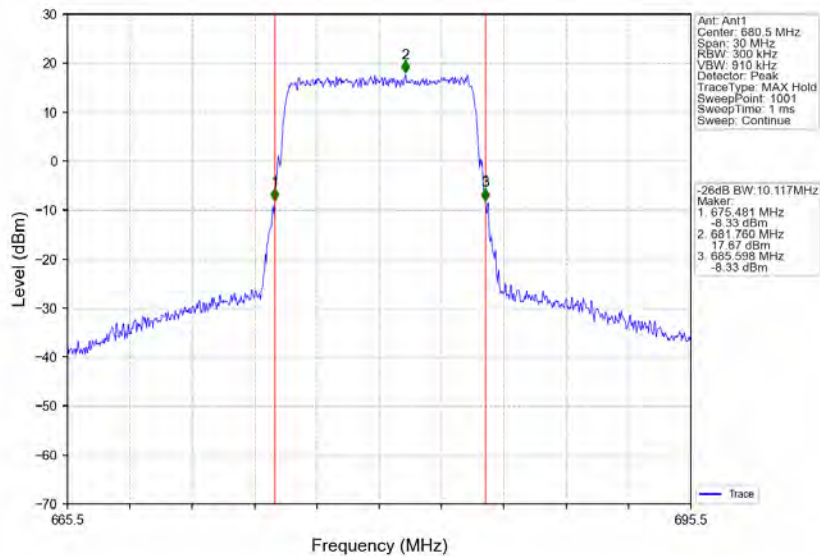
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Band71\_10MHz\_16QAM\_LCH\_668MHz\_RB\_50\_0\_NTNV



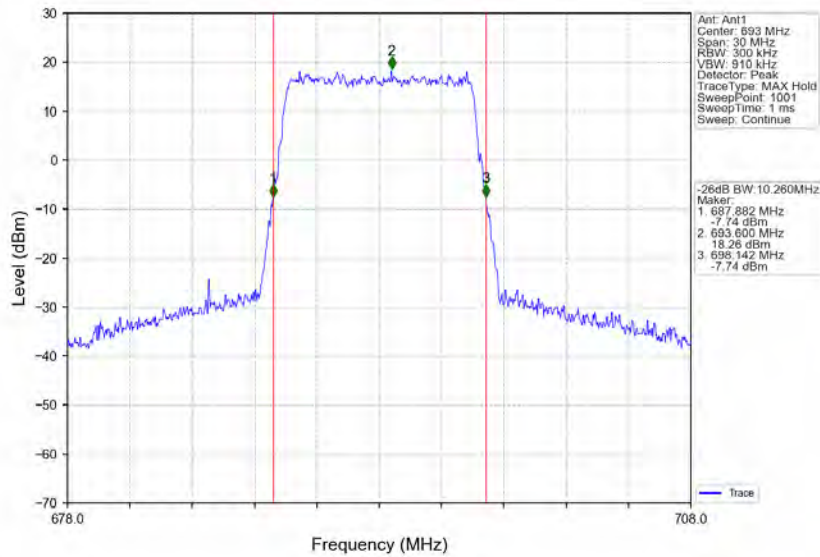
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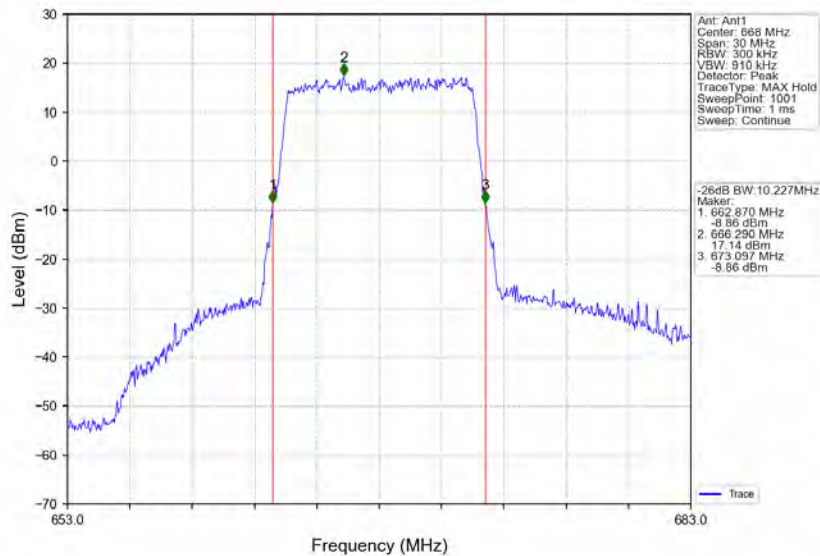
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Band71\_10MHz\_16QAM\_HCH\_693MHz\_RB\_50\_0\_NTNV



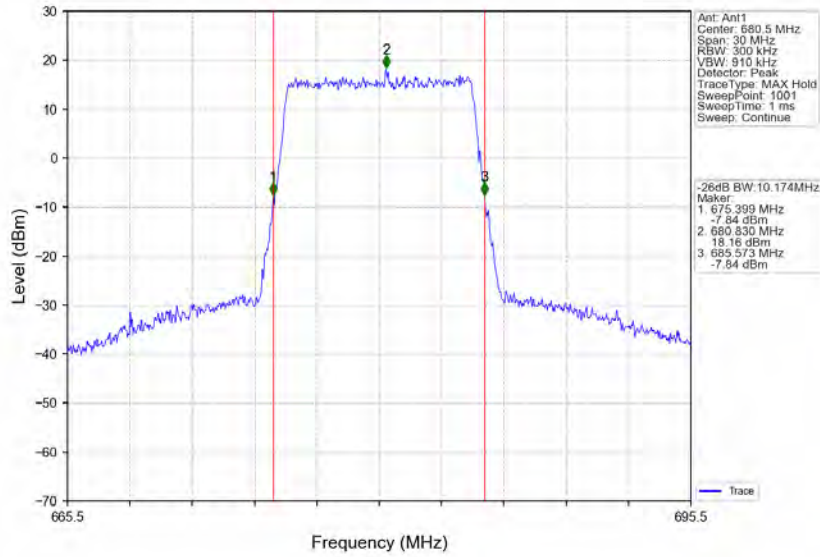
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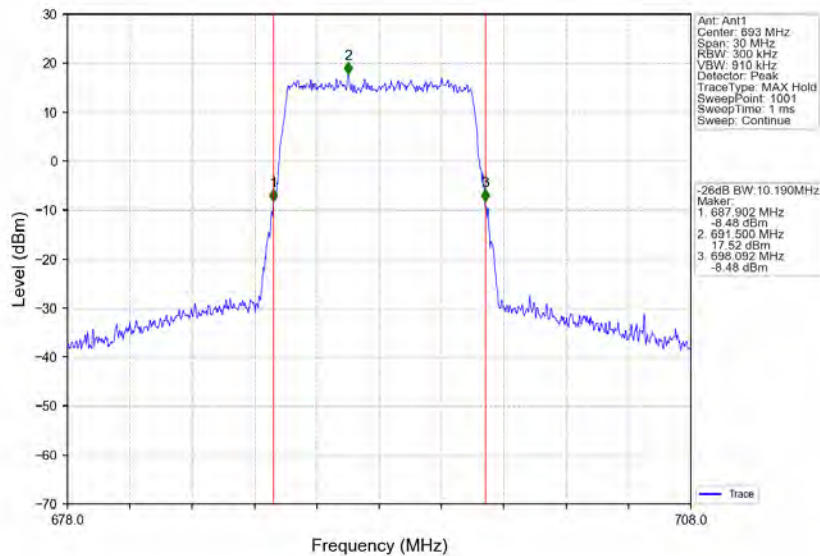
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Band71\_10MHz\_64QAM\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



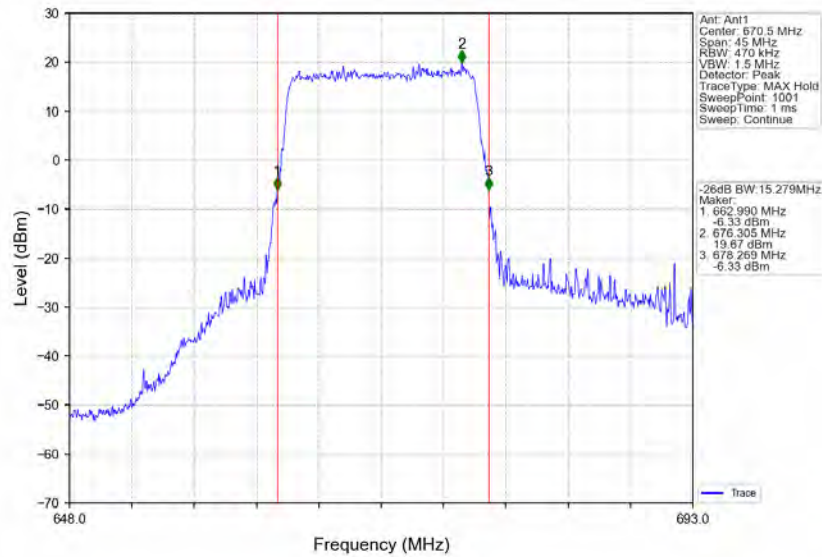
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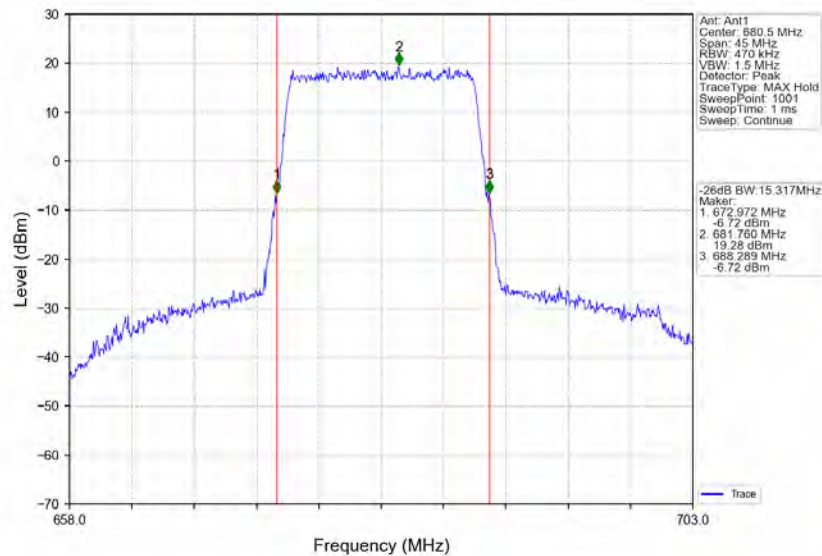
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Band71\_15MHz\_QPSK\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



Band71\_15MHz\_QPSK\_MCH\_680.5MHz\_RB\_75\_0\_NTNV

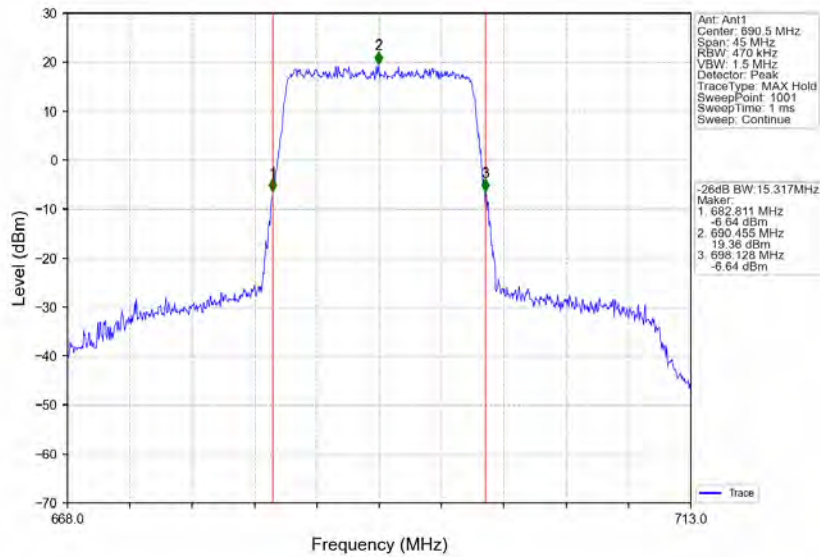


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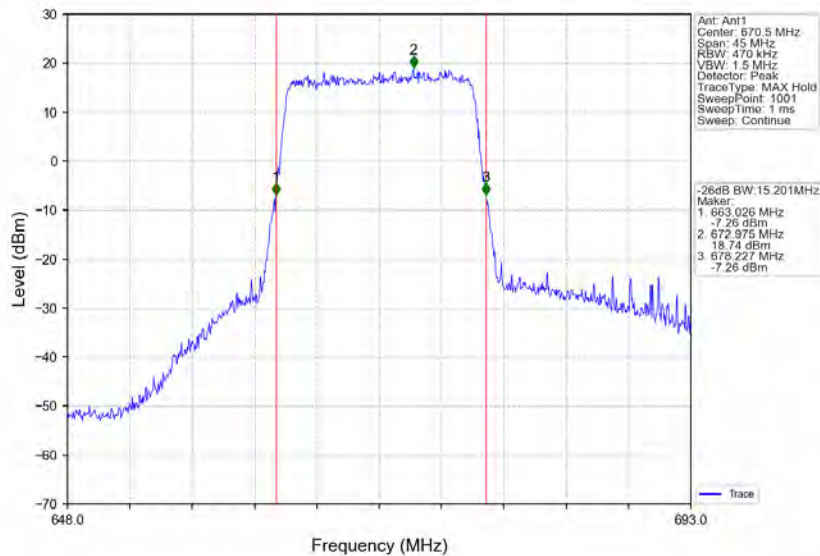
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Band71\_15MHz\_QPSK\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



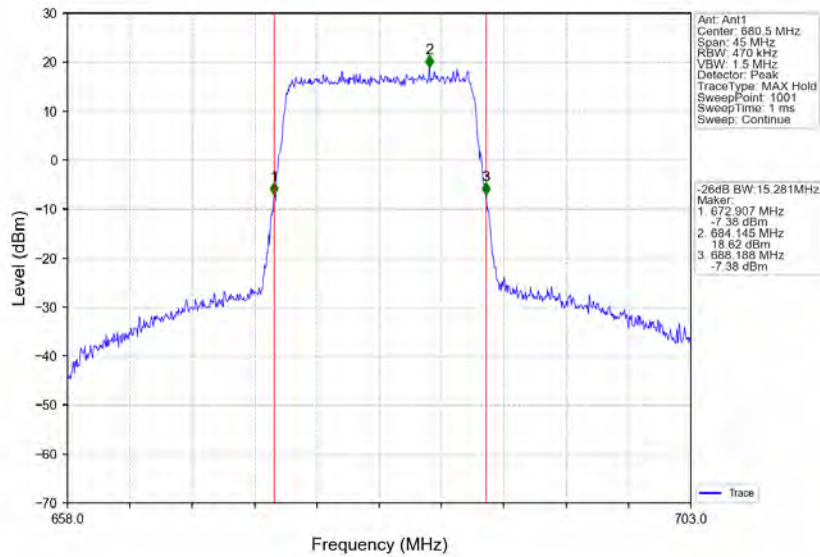
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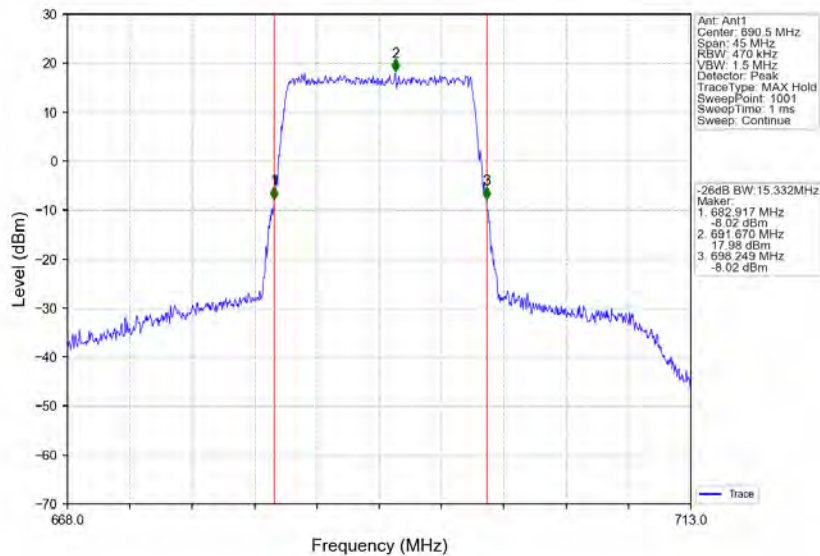
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Band71\_15MHz\_16QAM\_MCH\_680.5MHz\_RB\_75\_0\_NTNV



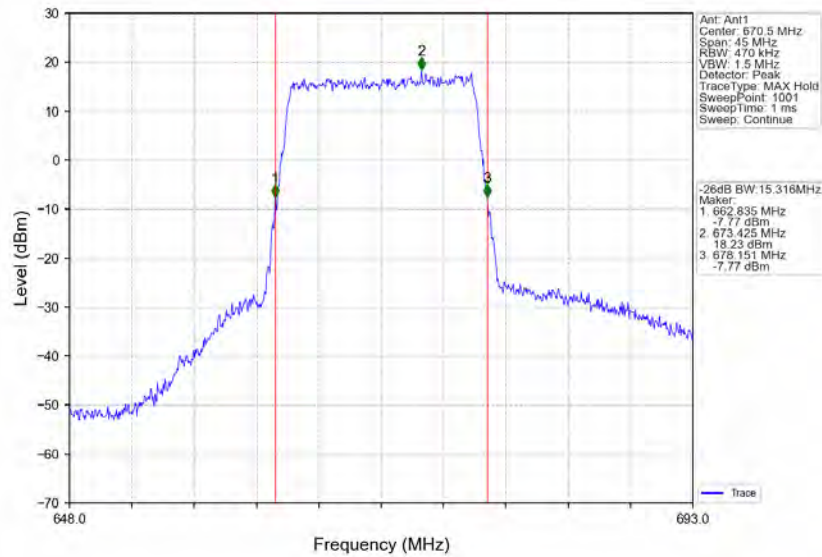
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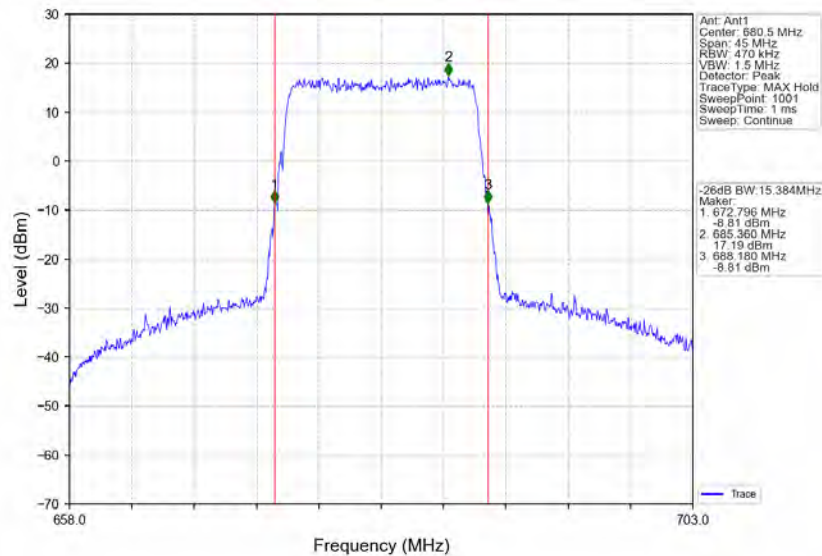
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Band71\_15MHz\_64QAM\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



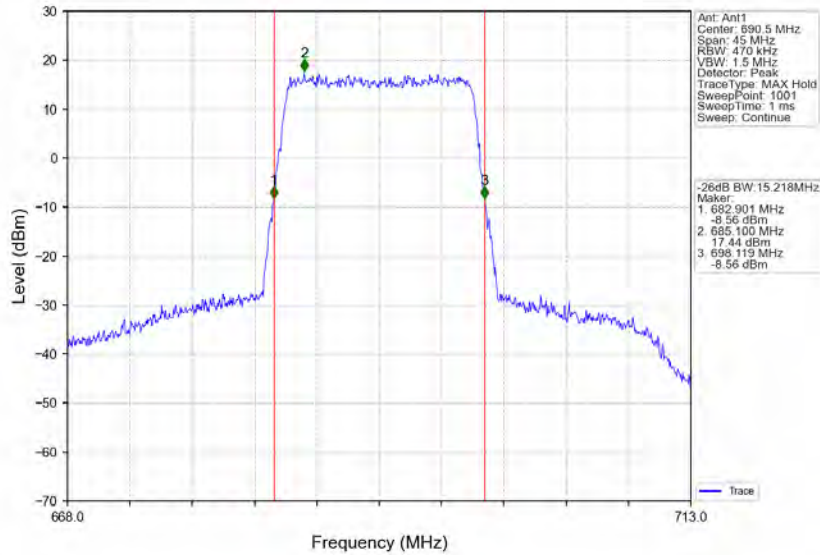
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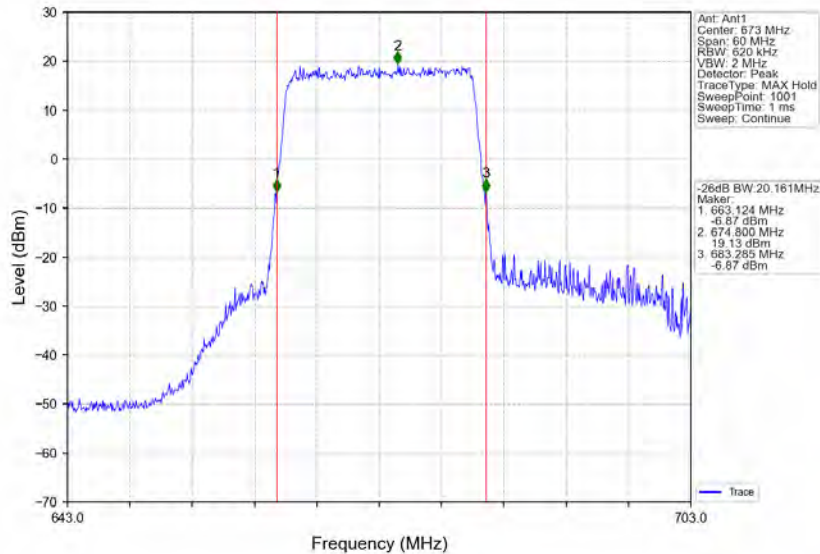
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Band71\_15MHz\_64QAM\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



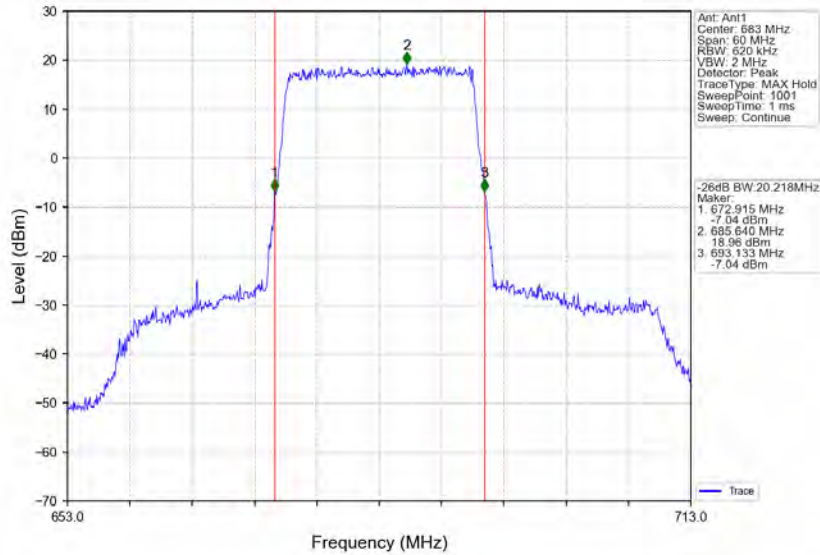
Band71\_20MHz\_QPSK\_LCH\_673MHz\_RB\_100\_0\_NTNV



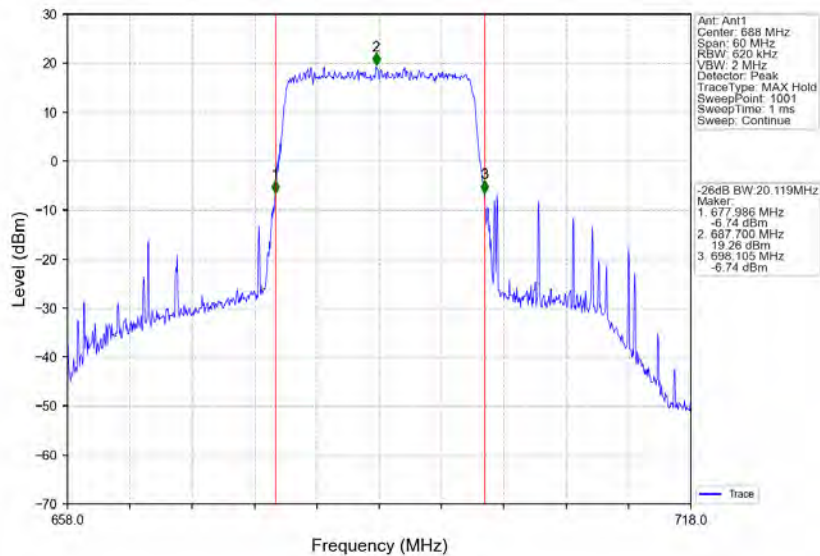
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Band71\_20MHz\_QPSK\_MCH\_683MHz\_RB\_100\_0\_NTNV

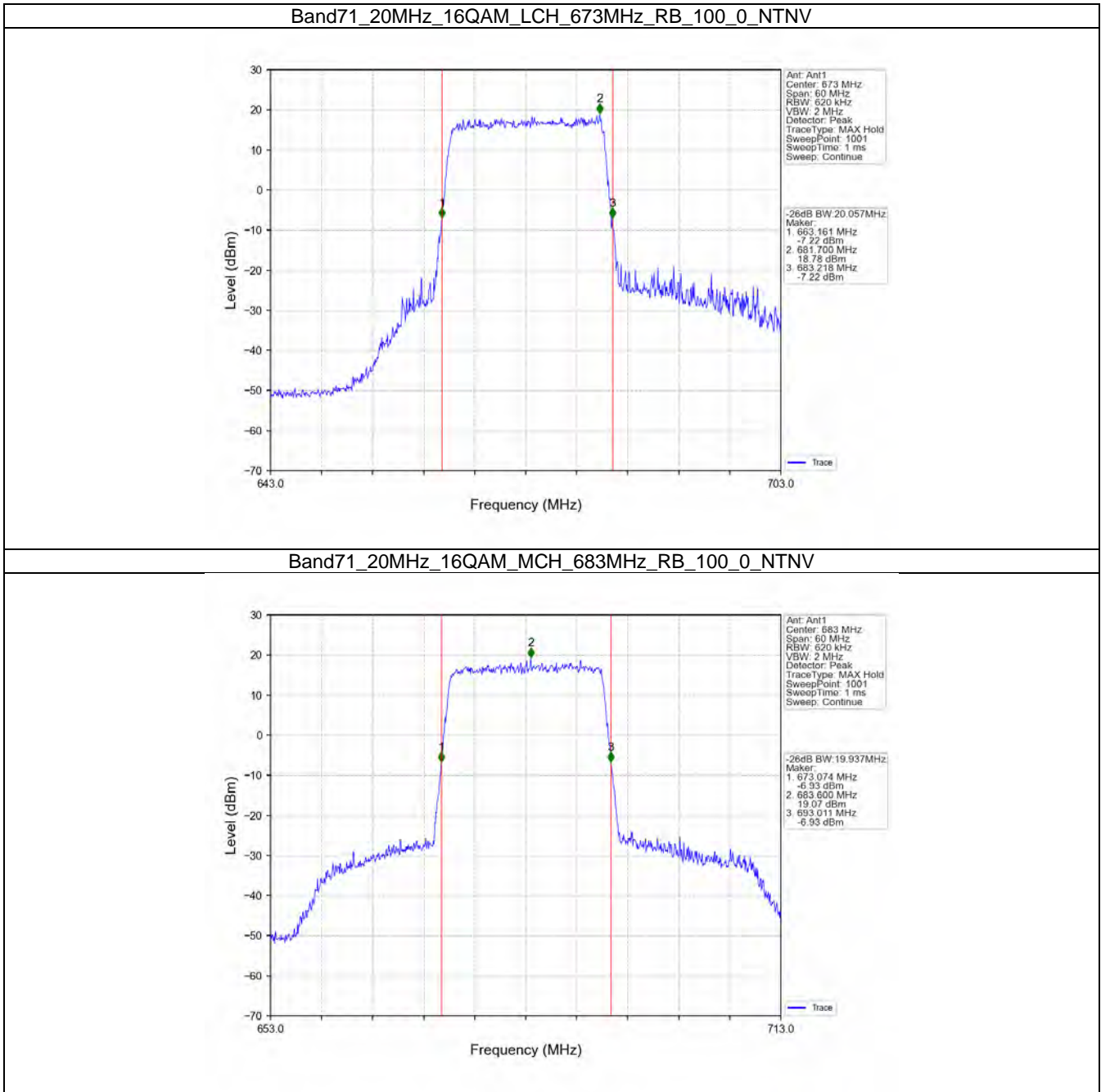


Band71\_20MHz\_QPSK\_HCH\_688MHz\_RB\_100\_0\_NTNV



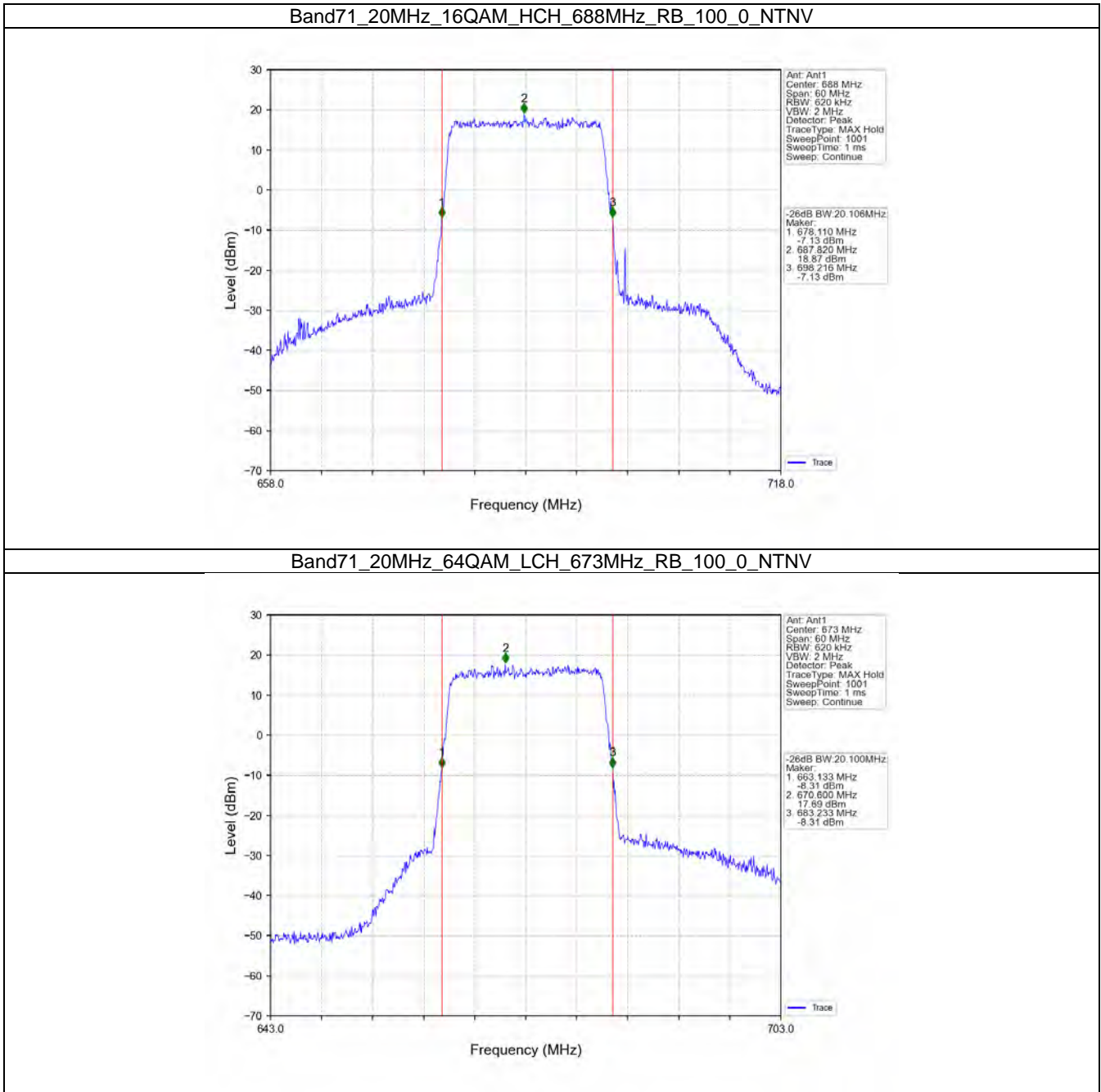
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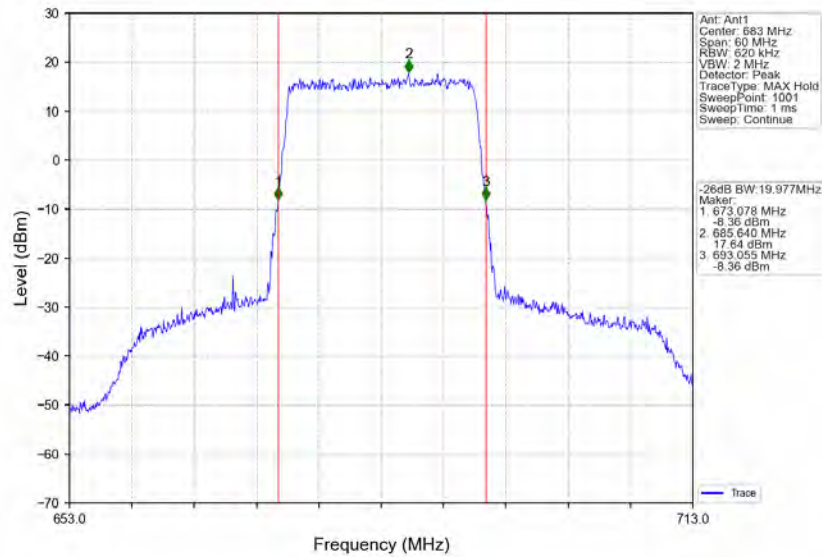
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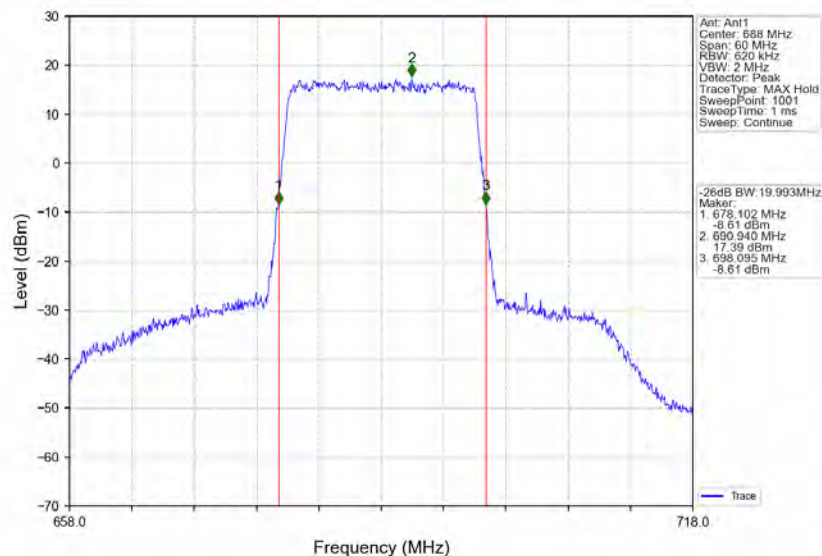
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Band71\_20MHz\_64QAM\_MCH\_683MHz\_RB\_100\_0\_NTNV



Band71\_20MHz\_64QAM\_HCH\_688MHz\_RB\_100\_0\_NTNV



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## 5. Peak-Average Ratio

### 5.1 B71\_5MHz

#### 5.1.1 Test Result

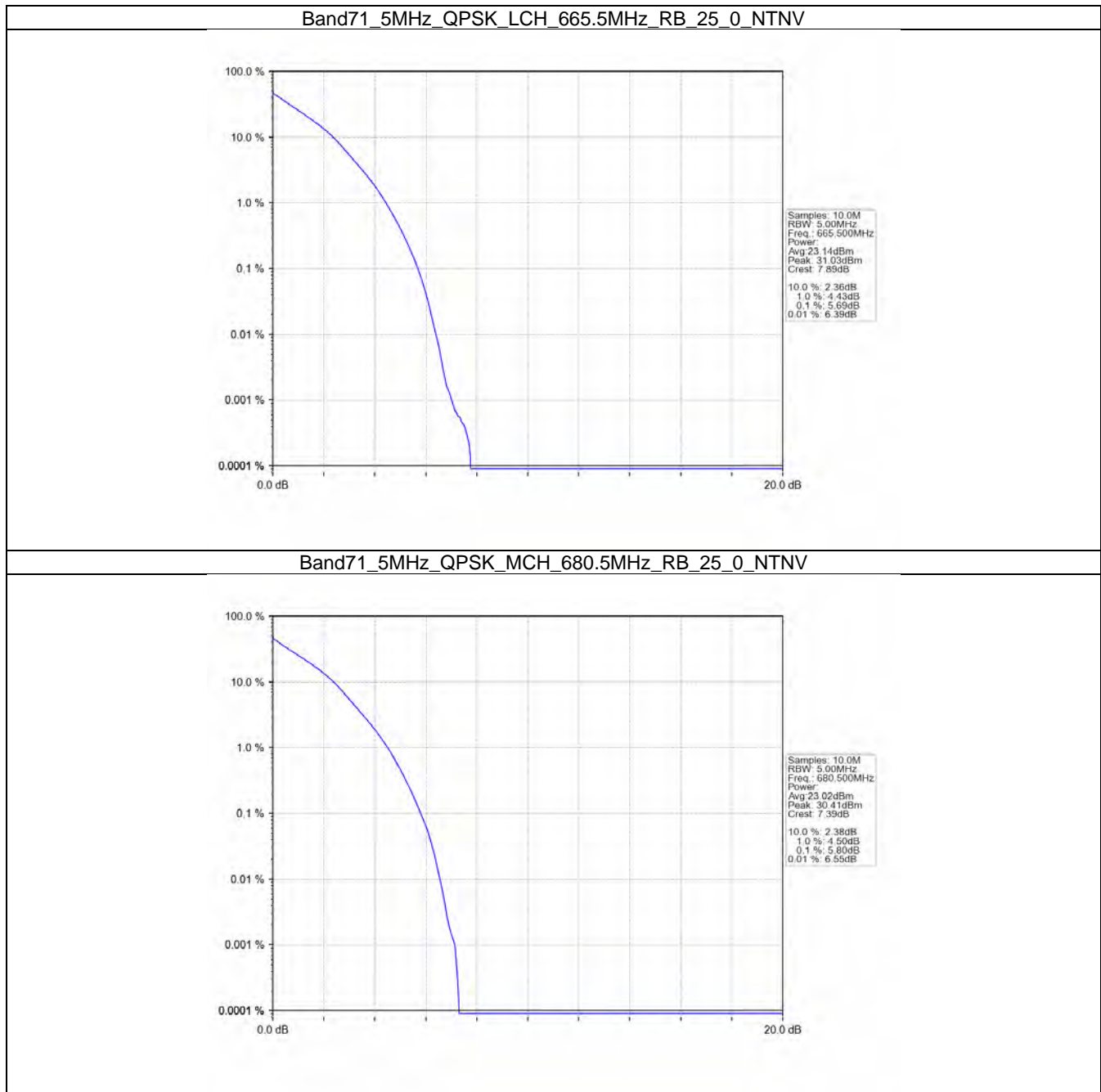
Band: 71 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	25	0	5.69	<=13	Pass
	680.5	25	0	5.80	<=13	Pass
	695.5	25	0	5.74	<=13	Pass
16QAM	665.5	25	0	6.42	<=13	Pass
	680.5	25	0	6.51	<=13	Pass
	695.5	25	0	6.37	<=13	Pass
64QAM	665.5	25	0	6.59	<=13	Pass
	680.5	25	0	6.64	<=13	Pass
	695.5	25	0	6.58	<=13	Pass



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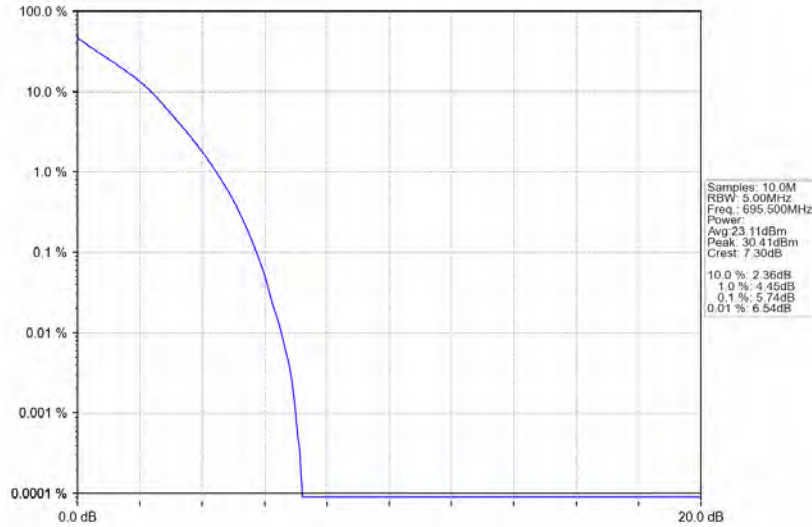
5.1.2 Test Graph



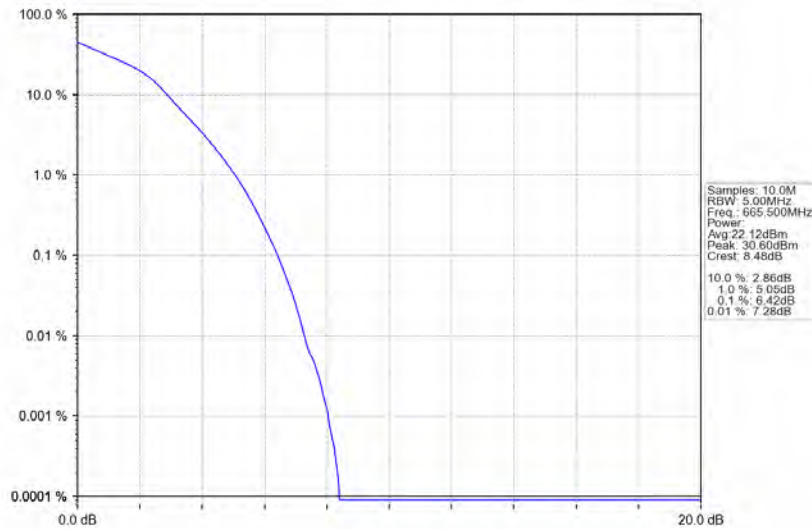
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Band71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_25\_0\_NTNV

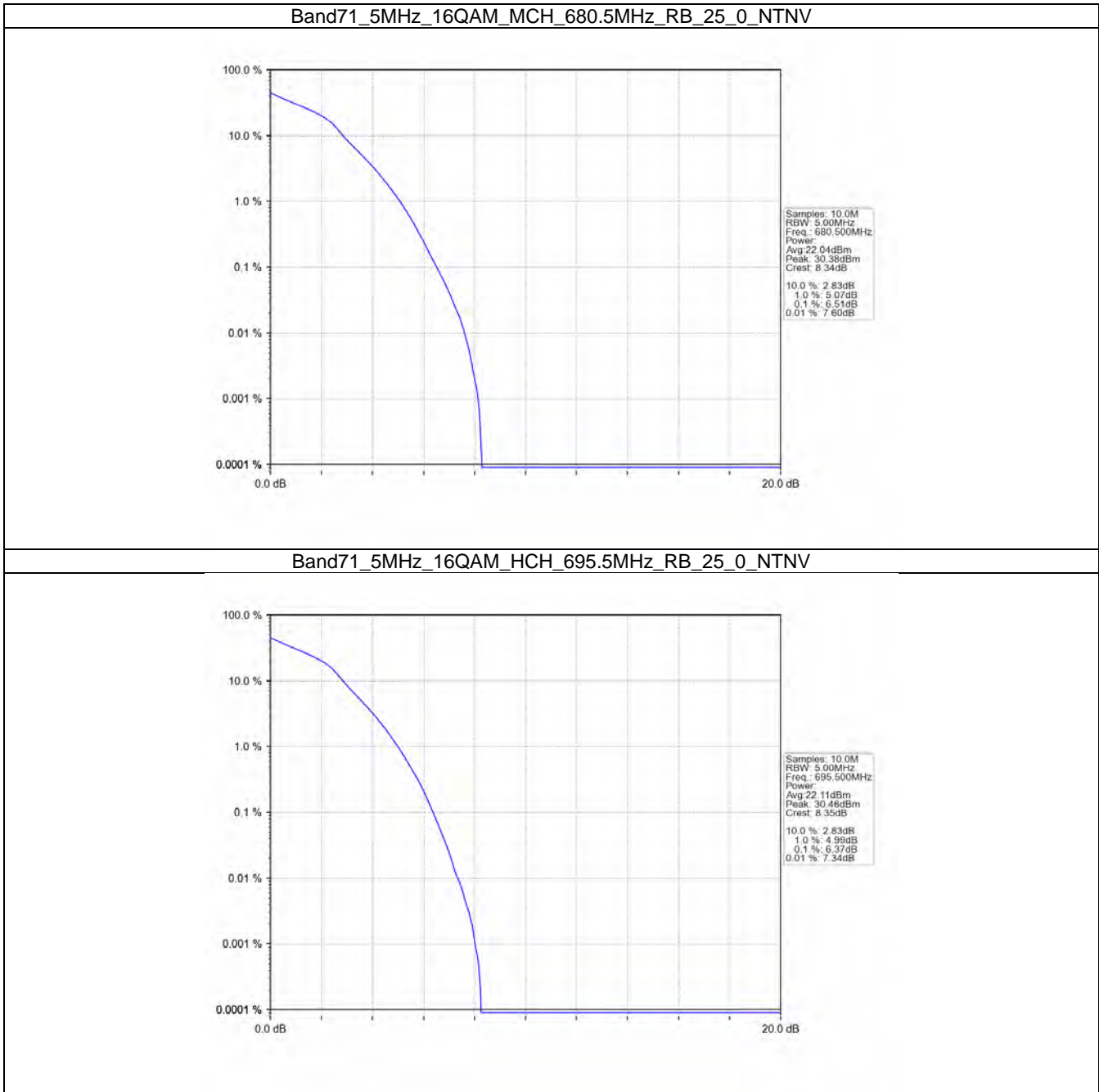


Band71\_5MHz\_16QAM\_LCH\_665.5MHz\_RB\_25\_0\_NTNV



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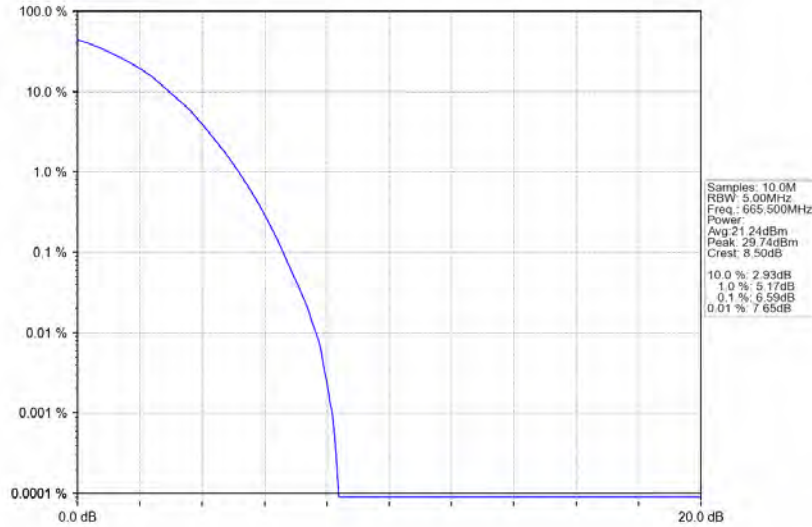


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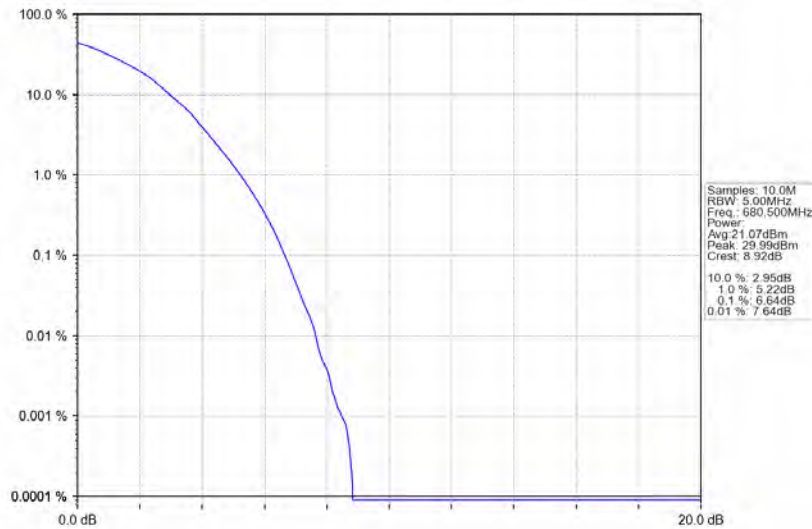
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Band71\_5MHz\_64QAM\_LCH\_665.5MHz\_RB\_25\_0\_NTNV

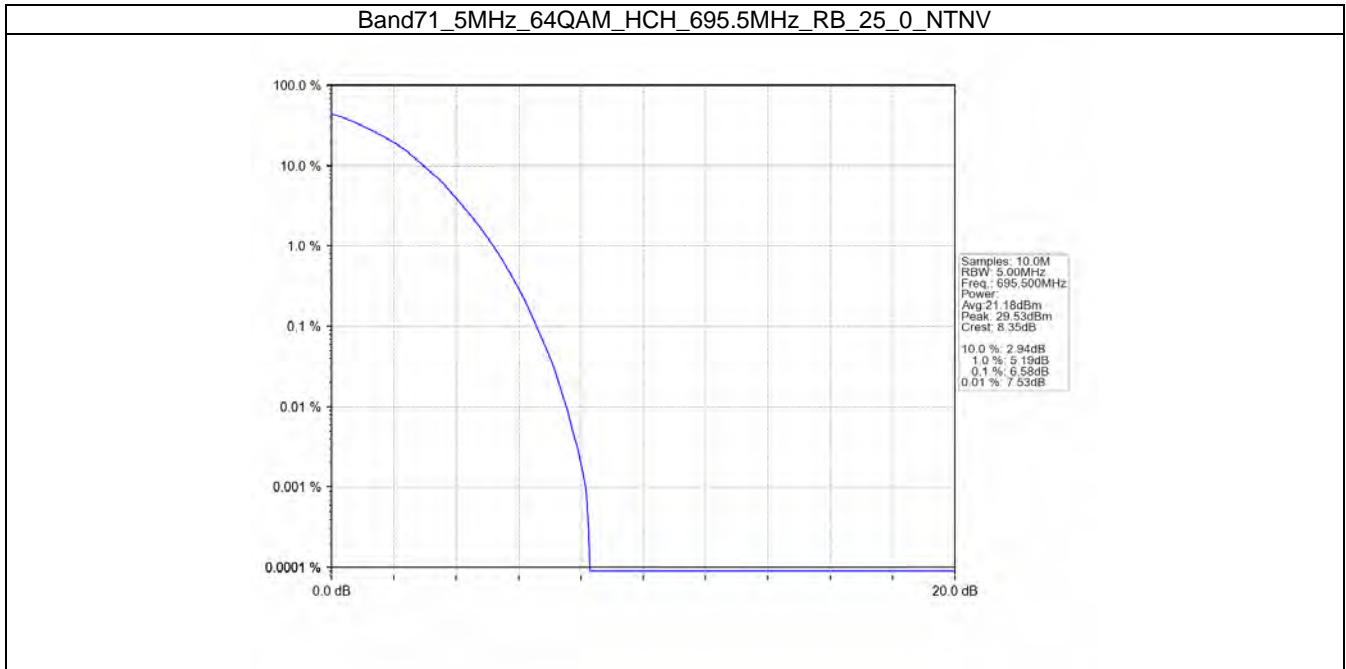


Band71\_5MHz\_64QAM\_MCH\_680.5MHz\_RB\_25\_0\_NTNV



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5.2 B71\_10MHz

5.2.1 Test Result

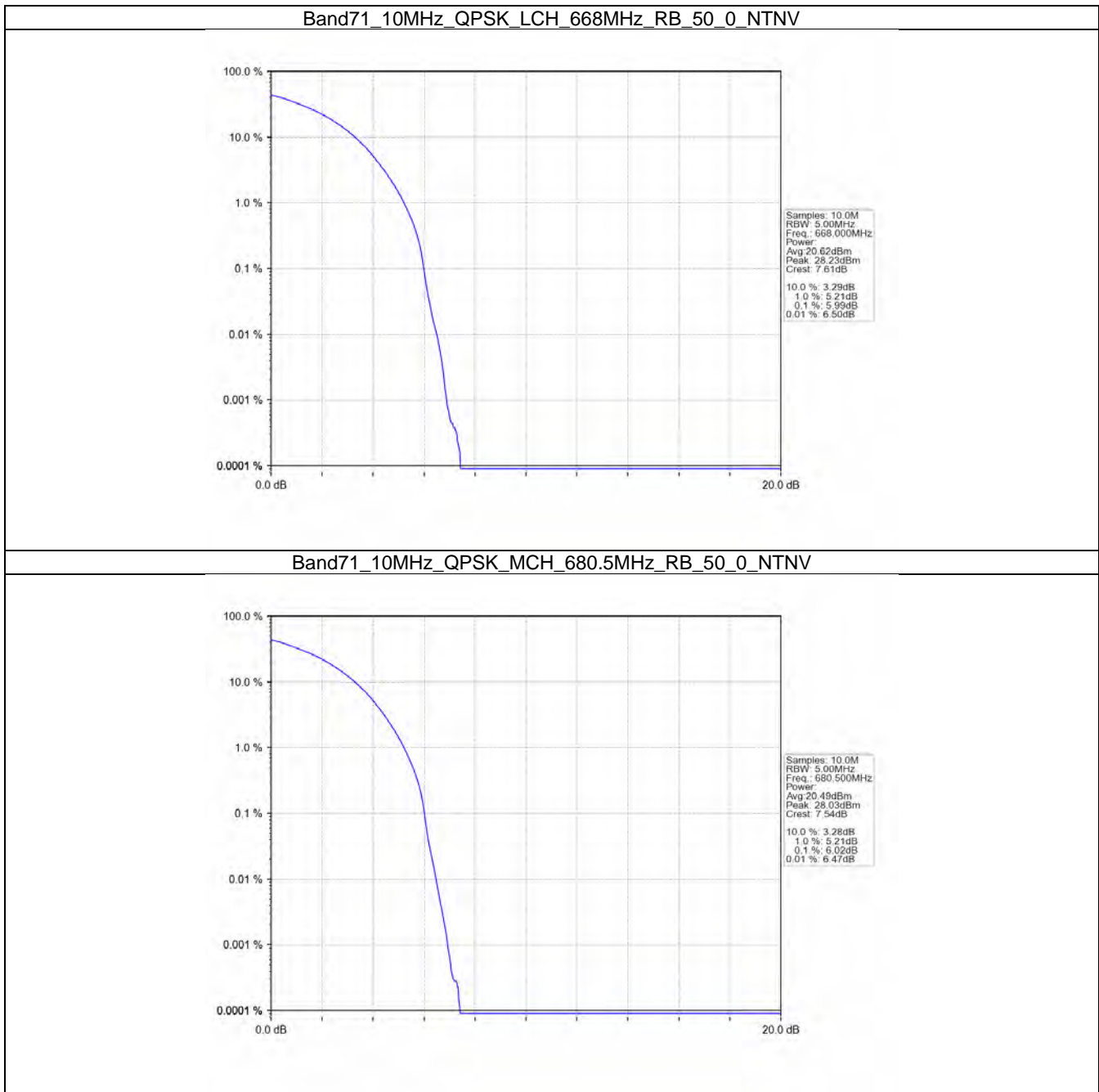
Band: 71 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	668	50	0	5.99	<=13	Pass
	680.5	50	0	6.02	<=13	Pass
	693	50	0	6.10	<=13	Pass
16QAM	668	50	0	6.86	<=13	Pass
	680.5	50	0	6.74	<=13	Pass
	693	50	0	6.80	<=13	Pass
64QAM	668	50	0	7.06	<=13	Pass
	680.5	50	0	7.03	<=13	Pass
	693	50	0	6.97	<=13	Pass



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5.2.2 Test Graph



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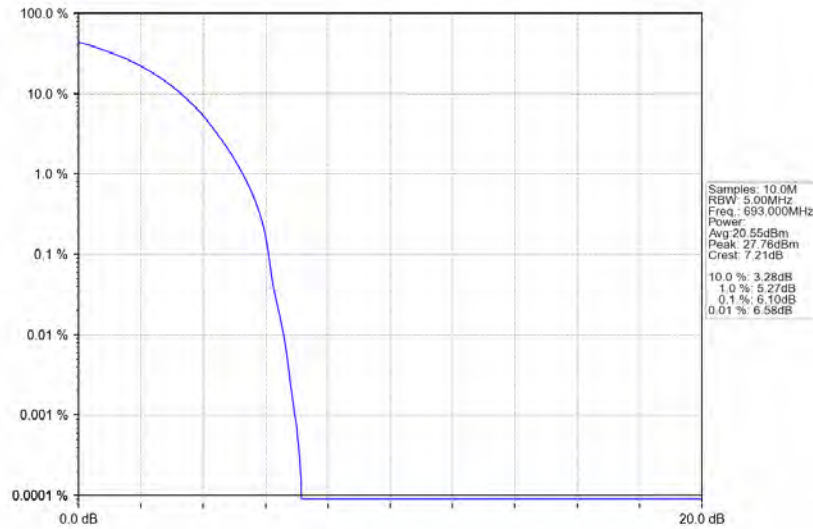
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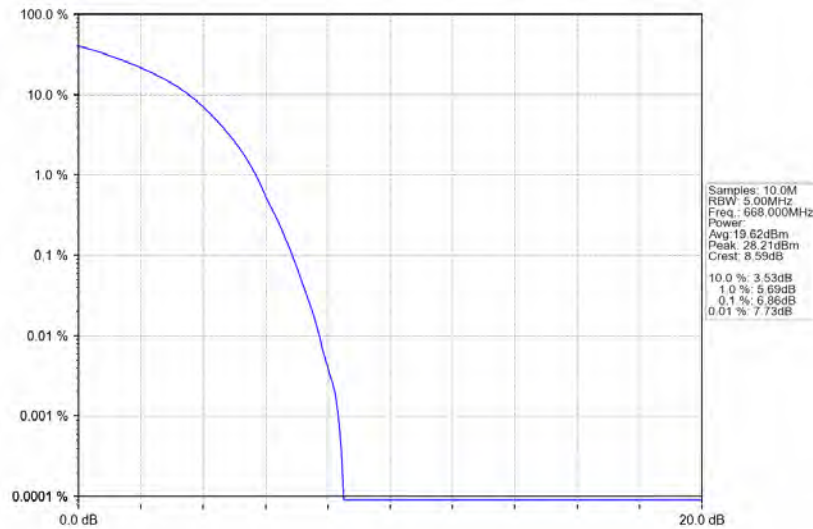
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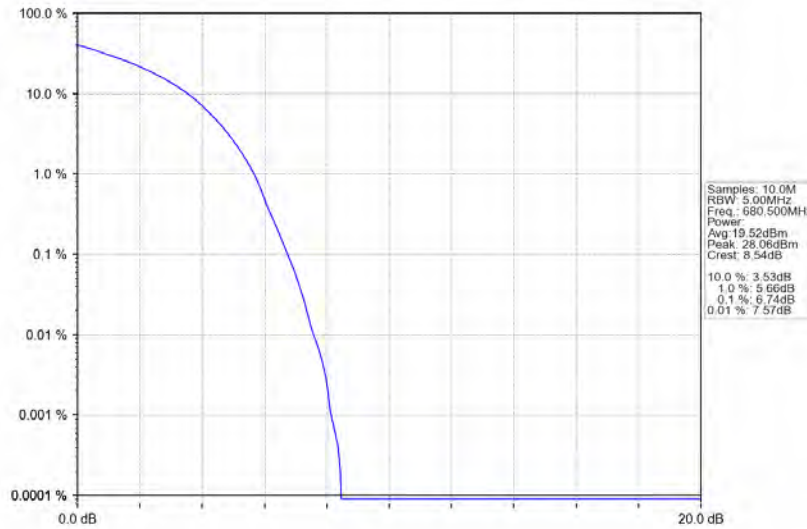
Band71\_10MHz\_16QAM\_LCH\_668MHz\_RB\_50\_0\_NTNV



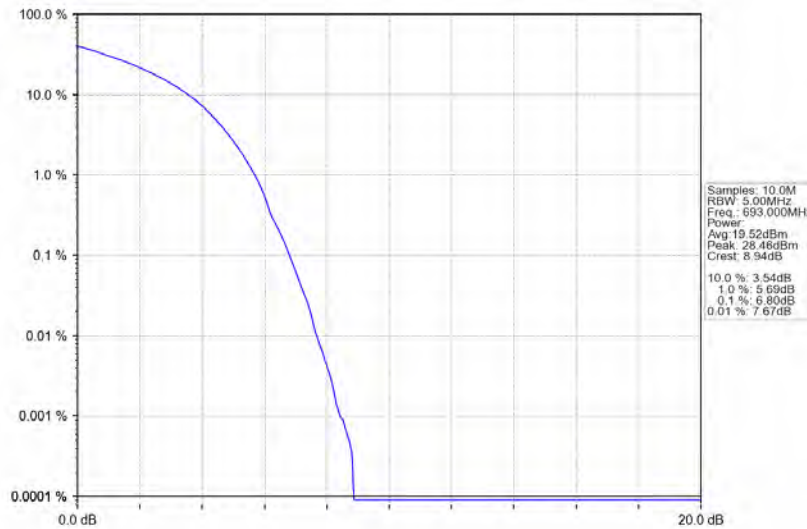
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Band71\_10MHz\_16QAM\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



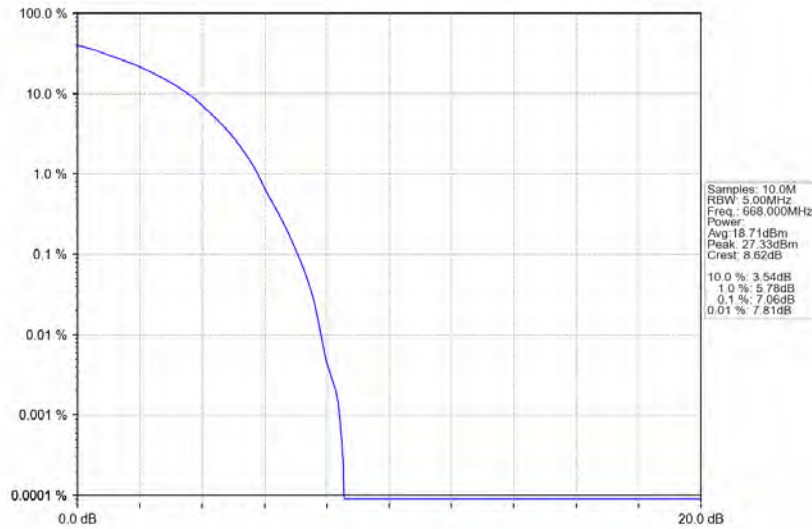
Band71\_10MHz\_16QAM\_HCH\_693MHz\_RB\_50\_0\_NTNV



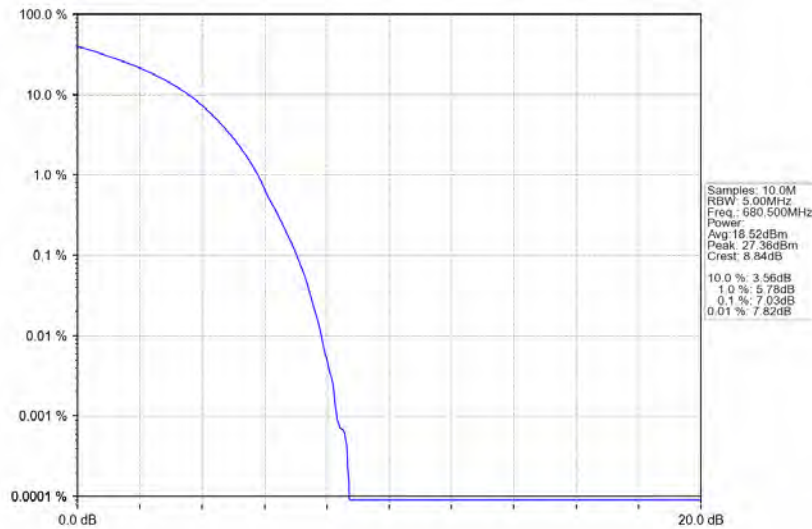
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Band71\_10MHz\_64QAM\_LCH\_668MHz\_RB\_50\_0\_NTNV



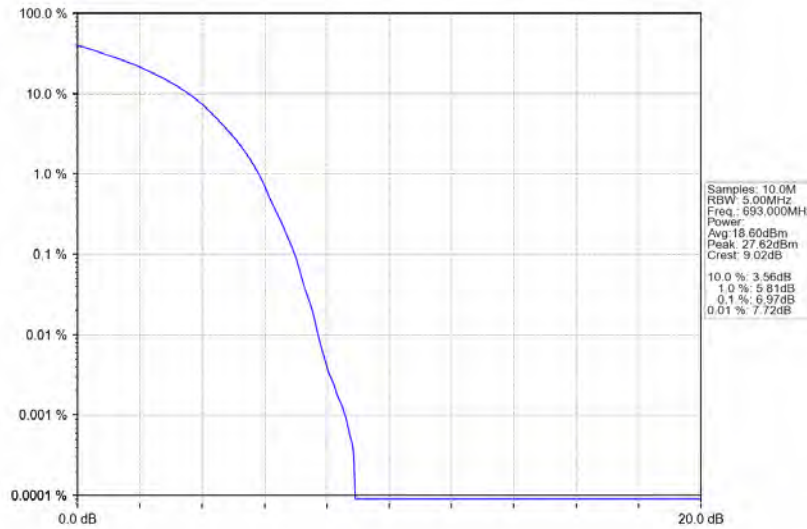
Band71\_10MHz\_64QAM\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



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Band71\_10MHz\_64QAM\_HCH\_693MHz\_RB\_50\_0\_NTV



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5.3 B71\_15MHz

5.3.1 Test Result

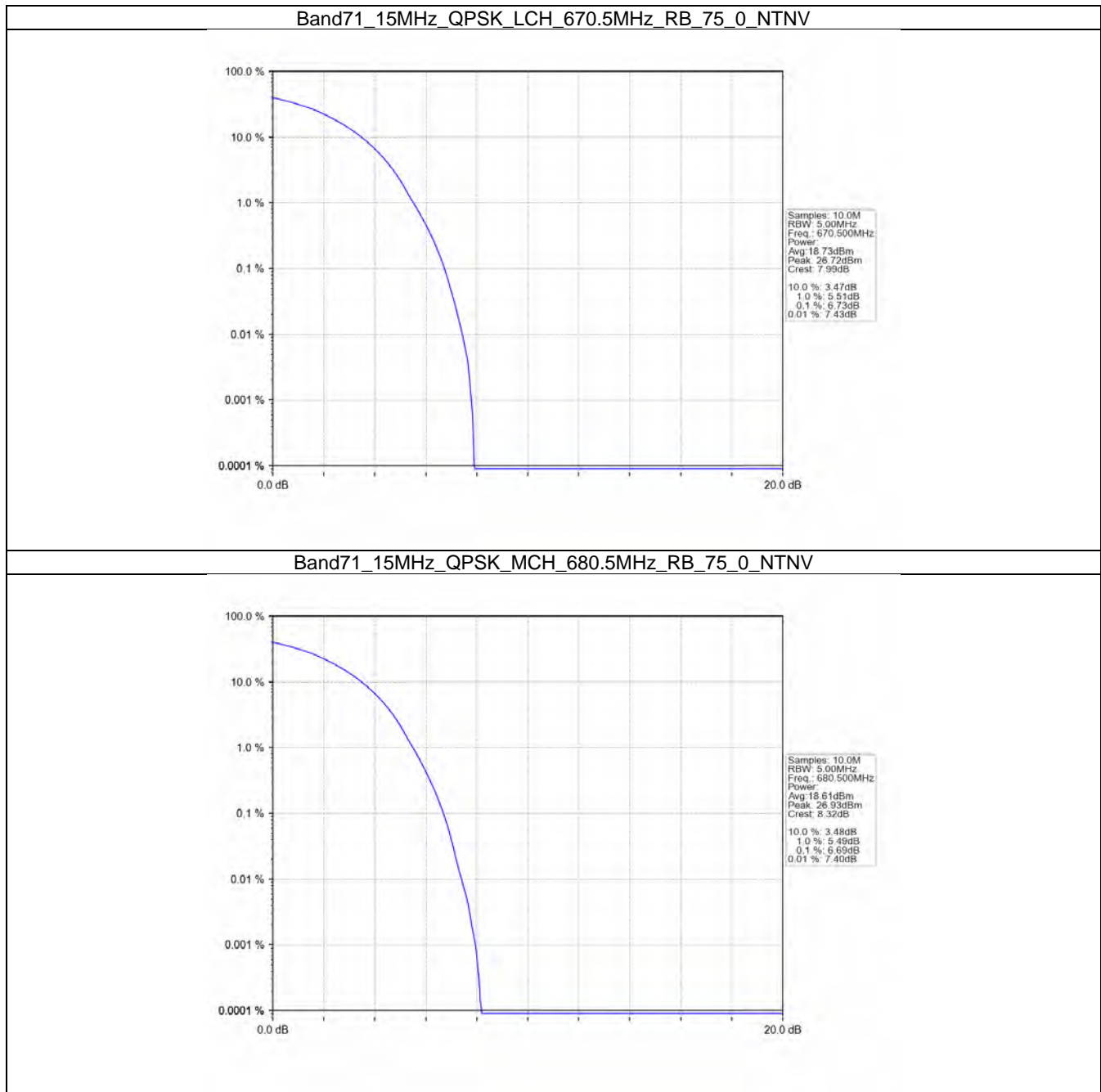
Band: 71 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	6.73	<=13	Pass
	680.5	75	0	6.69	<=13	Pass
	690.5	75	0	6.72	<=13	Pass
16QAM	670.5	75	0	7.28	<=13	Pass
	680.5	75	0	7.30	<=13	Pass
	690.5	75	0	7.27	<=13	Pass
64QAM	670.5	75	0	7.46	<=13	Pass
	680.5	75	0	7.38	<=13	Pass
	690.5	75	0	7.35	<=13	Pass



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5.3.2 Test Graph

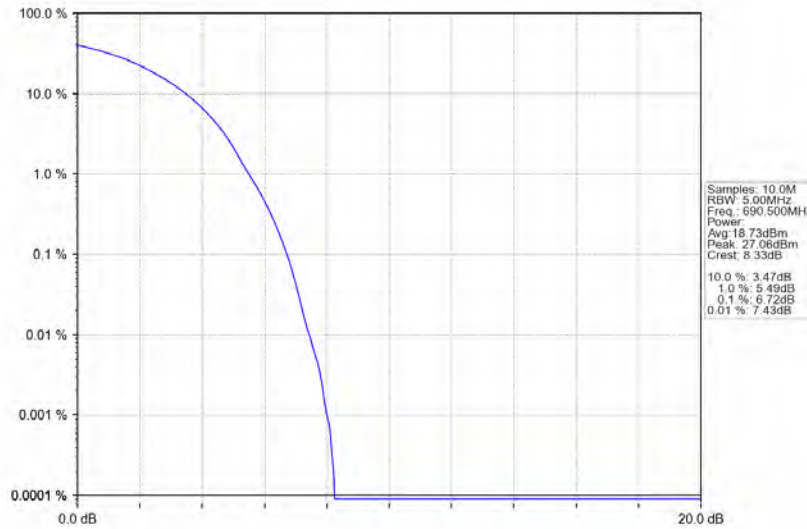


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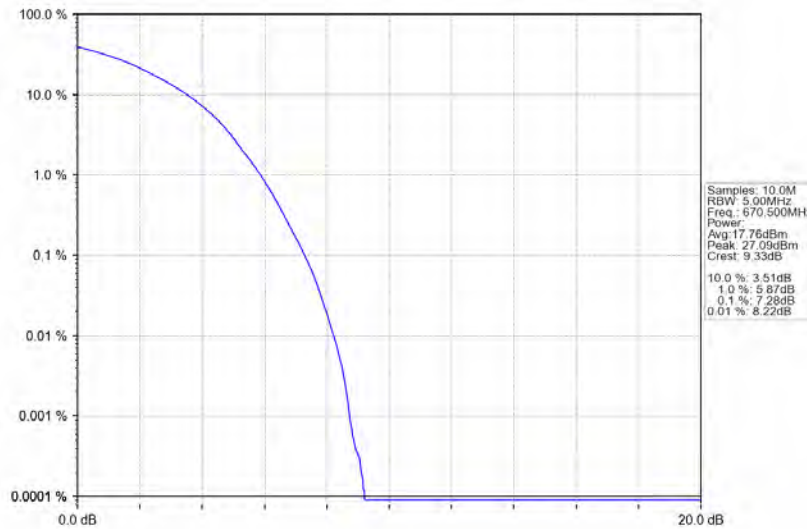
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Band71\_15MHz\_QPSK\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



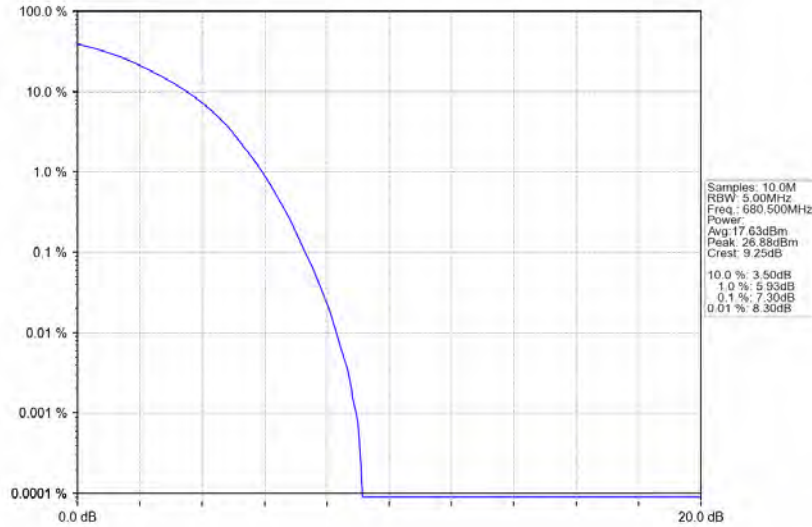
Band71\_15MHz\_16QAM\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



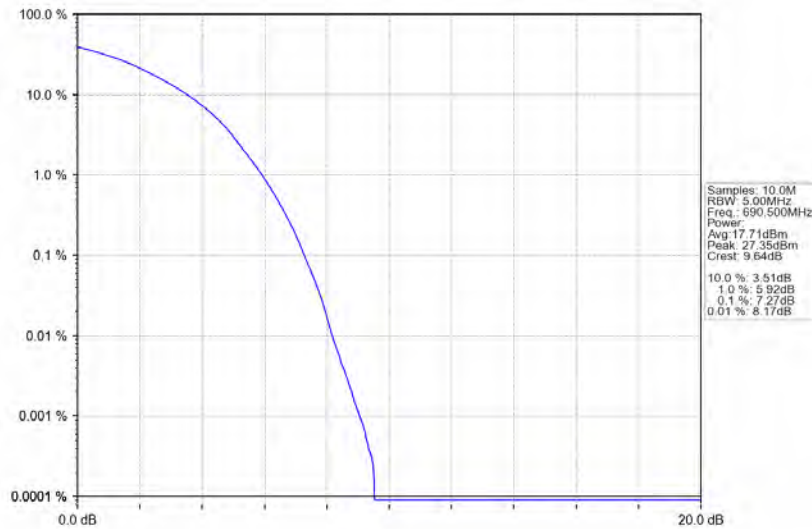
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Band71\_15MHz\_16QAM\_MCH\_680.5MHz\_RB\_75\_0\_NTNV



Band71\_15MHz\_16QAM\_HCH\_690.5MHz\_RB\_75\_0\_NTNV

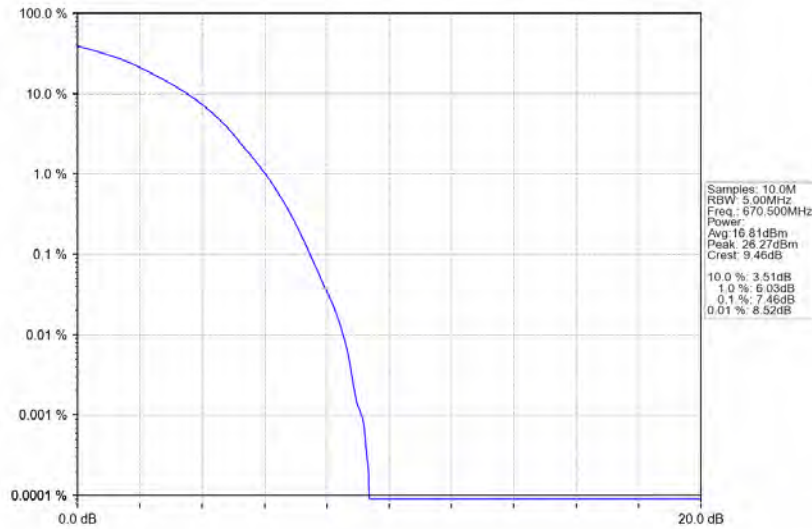


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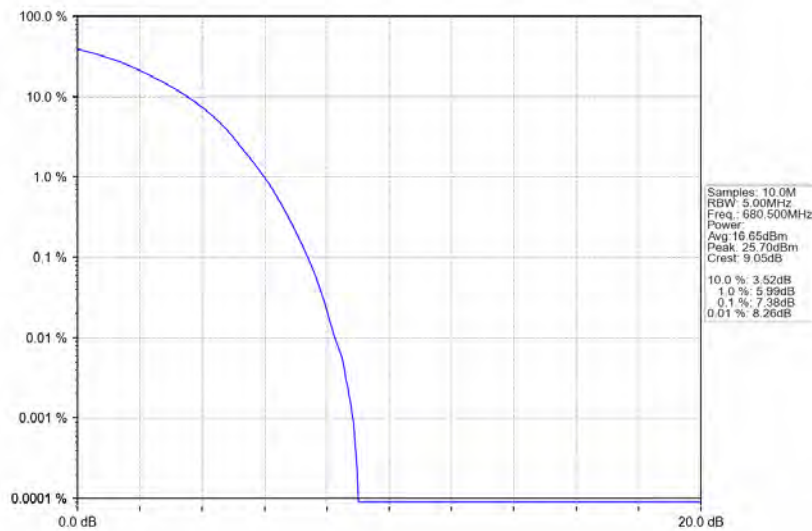
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Band71\_15MHz\_64QAM\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



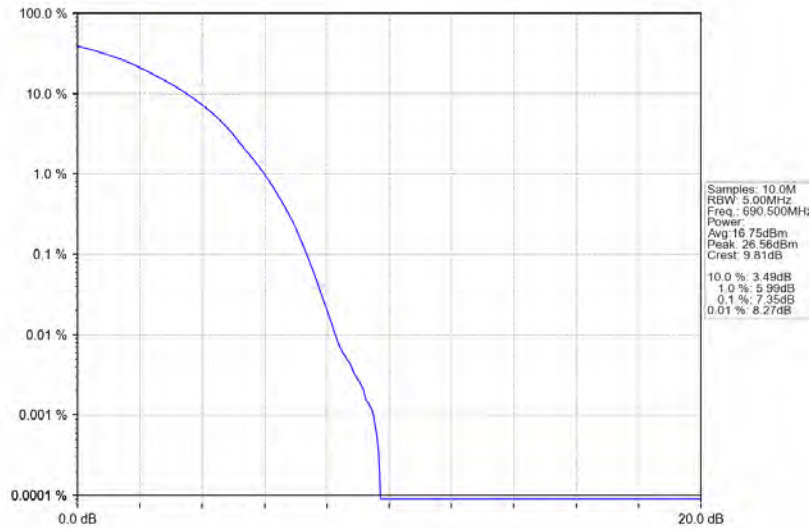
Band71\_15MHz\_64QAM\_MCH\_680.5MHz\_RB\_75\_0\_NTNV



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5.4 B71\_20MHz

5.4.1 Test Result

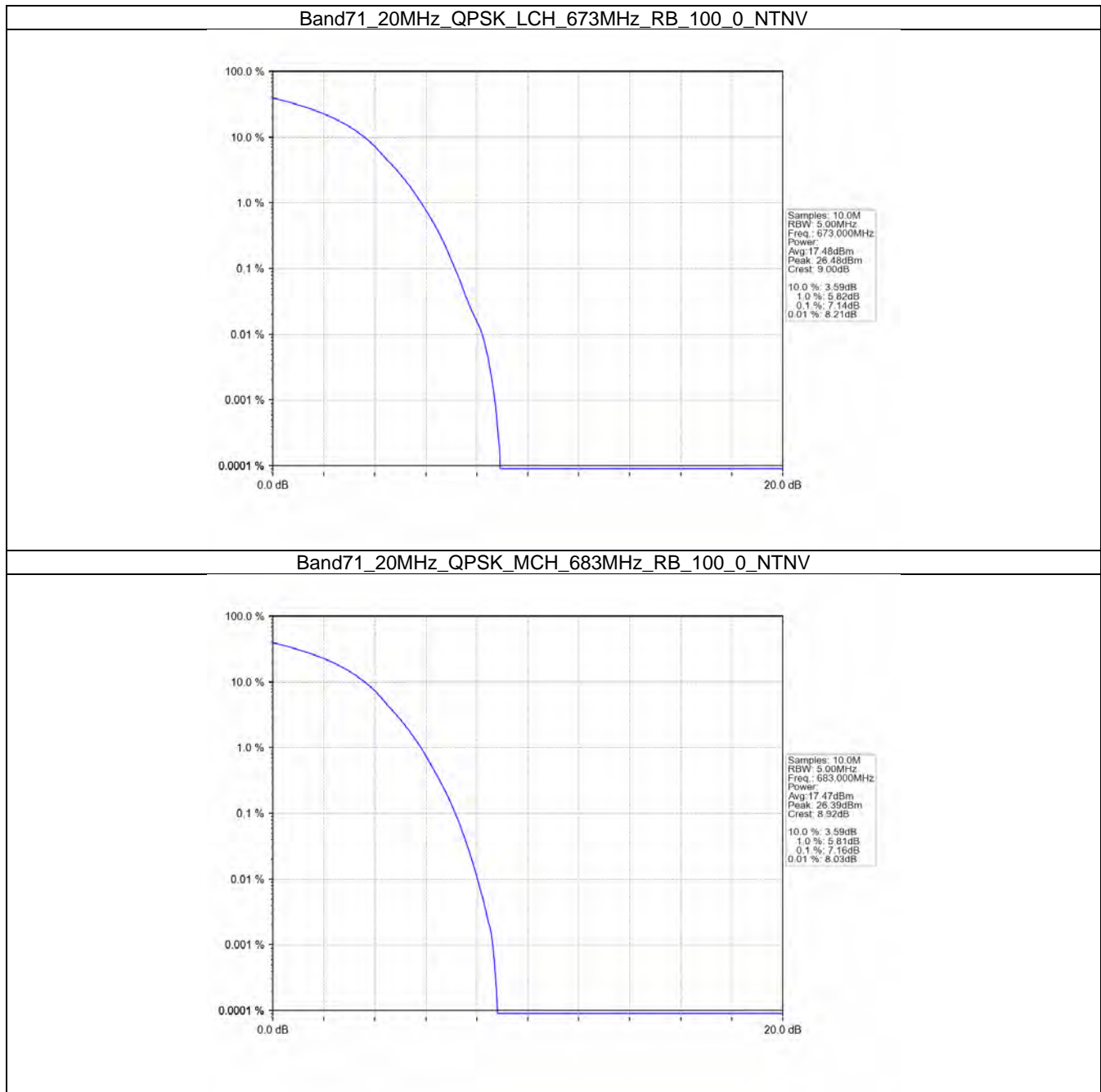
Band: 71 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	7.14	<=13	Pass
	683	100	0	7.16	<=13	Pass
	688	100	0	7.04	<=13	Pass
16QAM	673	100	0	7.56	<=13	Pass
	683	100	0	7.54	<=13	Pass
	688	100	0	7.46	<=13	Pass
64QAM	673	100	0	7.65	<=13	Pass
	683	100	0	7.60	<=13	Pass
	688	100	0	7.59	<=13	Pass



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5.4.2 Test Graph

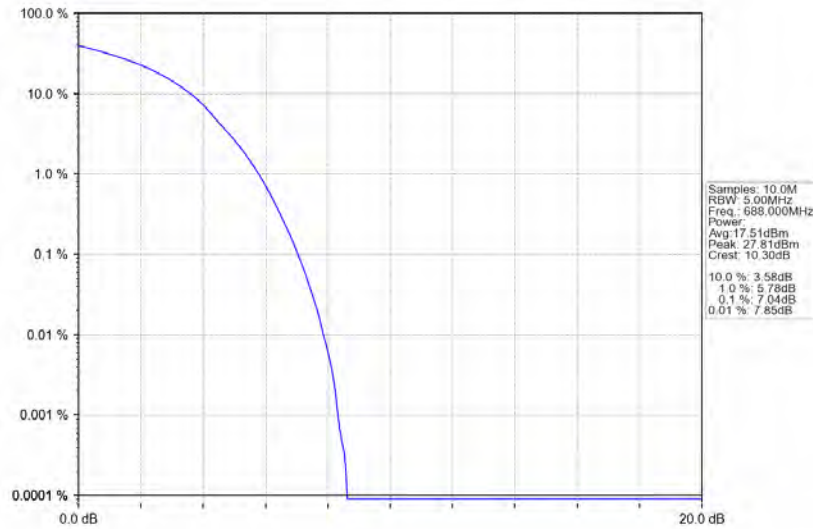


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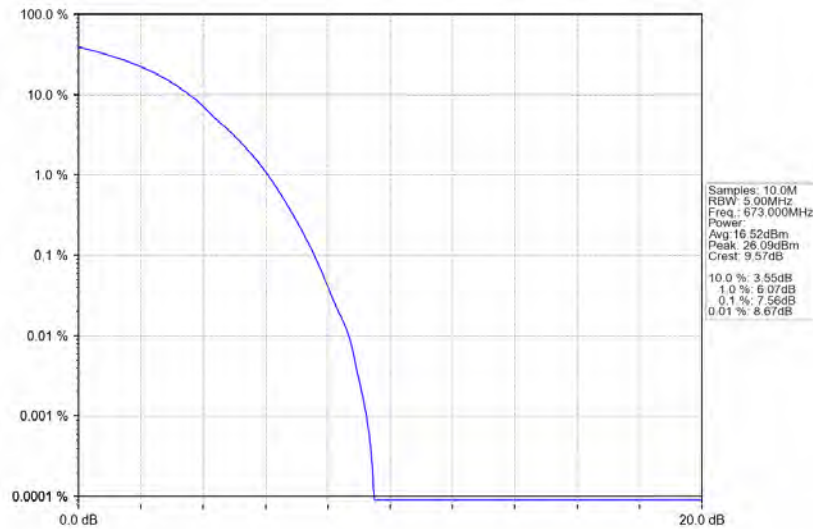
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Band71\_20MHz\_16QAM\_LCH\_673MHz\_RB\_100\_0\_NTNV



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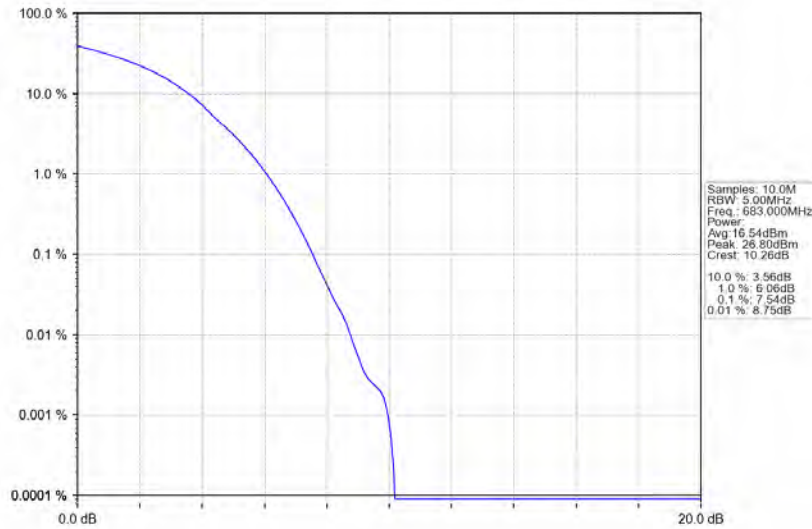
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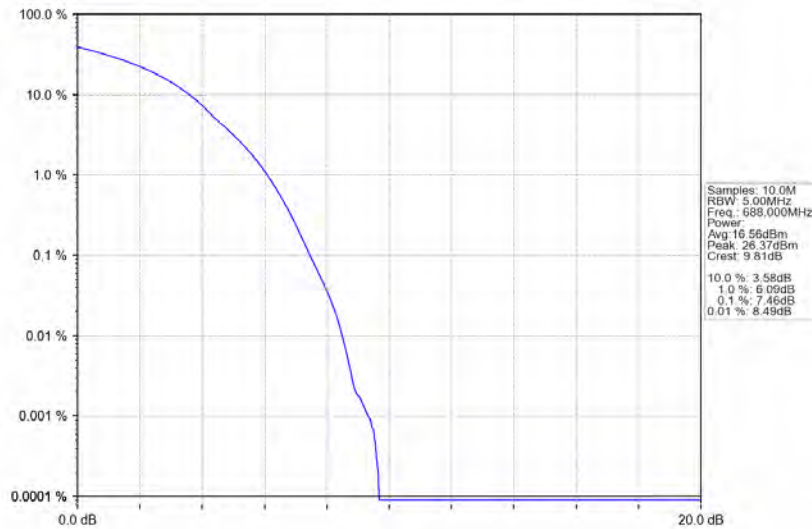
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Band71\_20MHz\_16QAM\_MCH\_683MHz\_RB\_100\_0\_NTNV

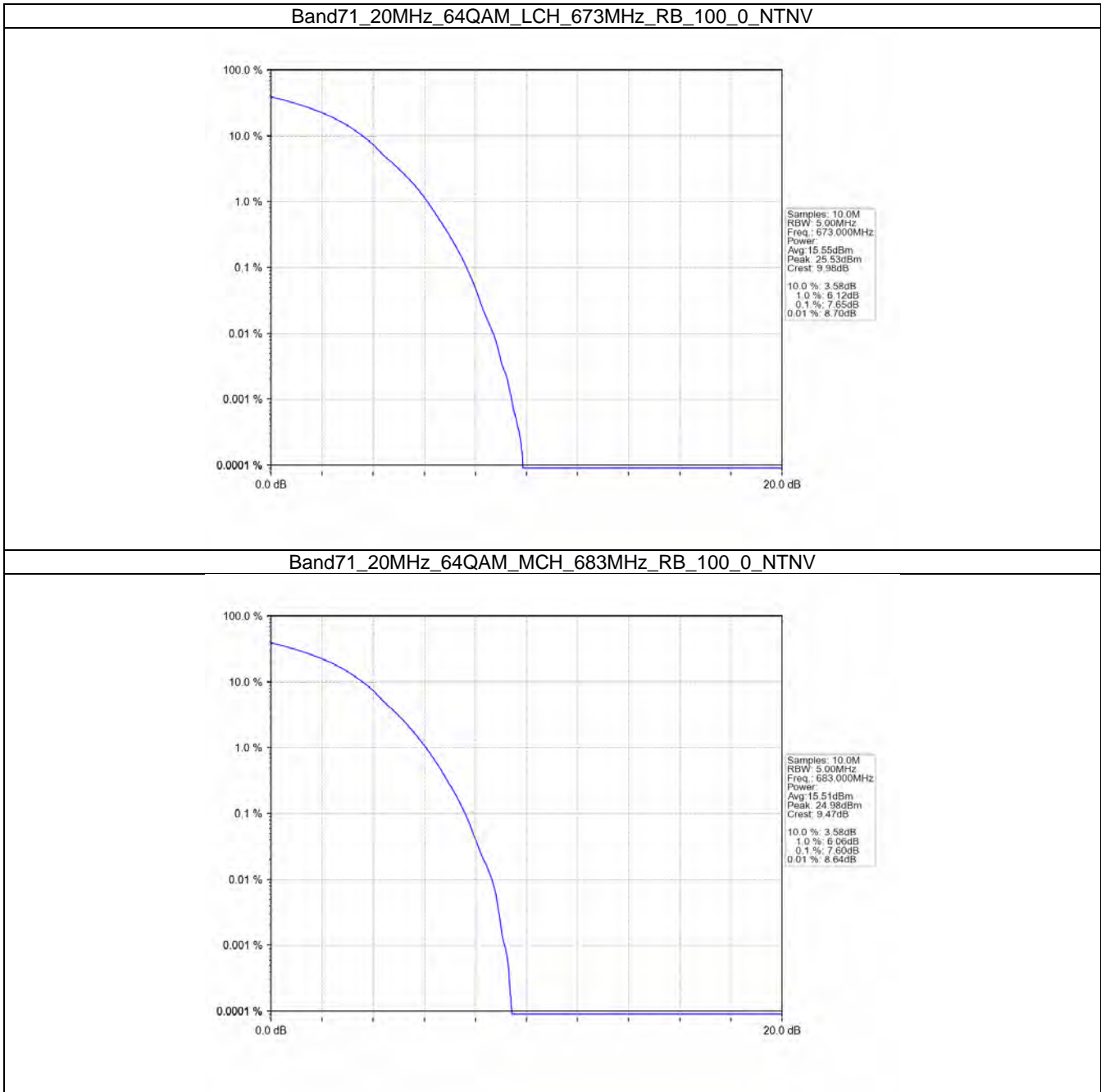


Band71\_20MHz\_16QAM\_HCH\_688MHz\_RB\_100\_0\_NTNV



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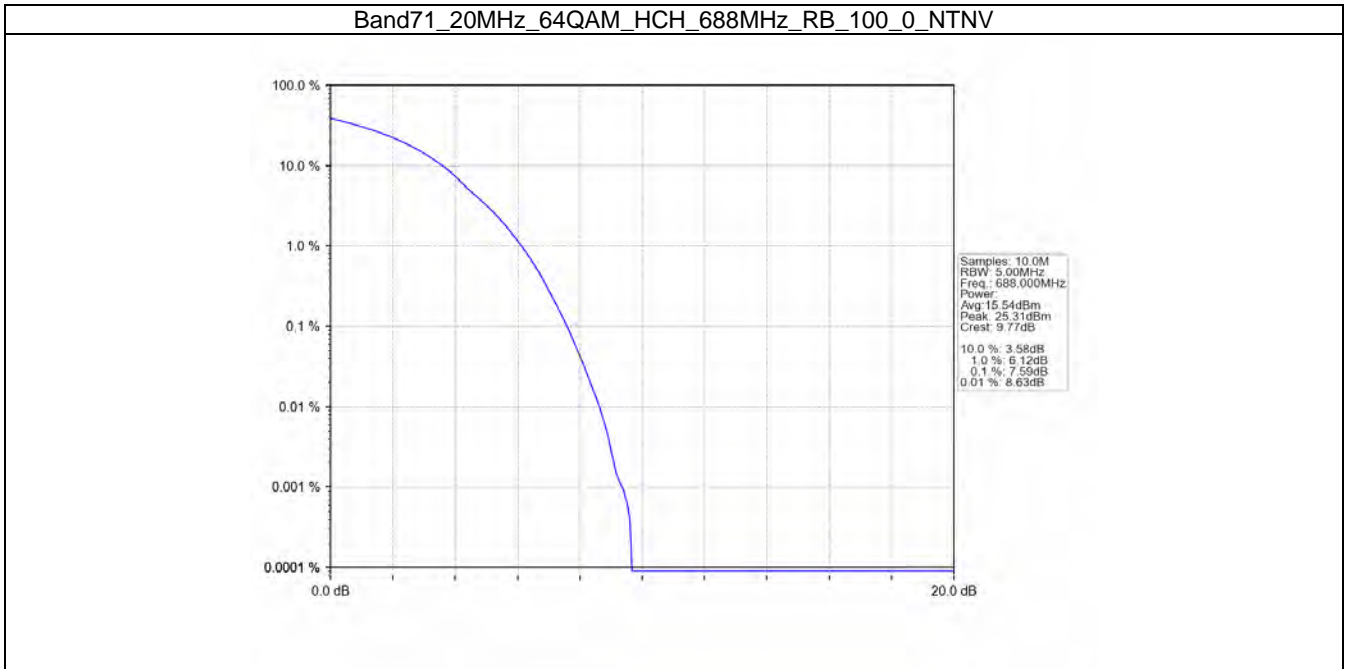


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## 6. Spurious Emission

### 6.1 B71\_5MHz

#### 6.1.1 Test Result

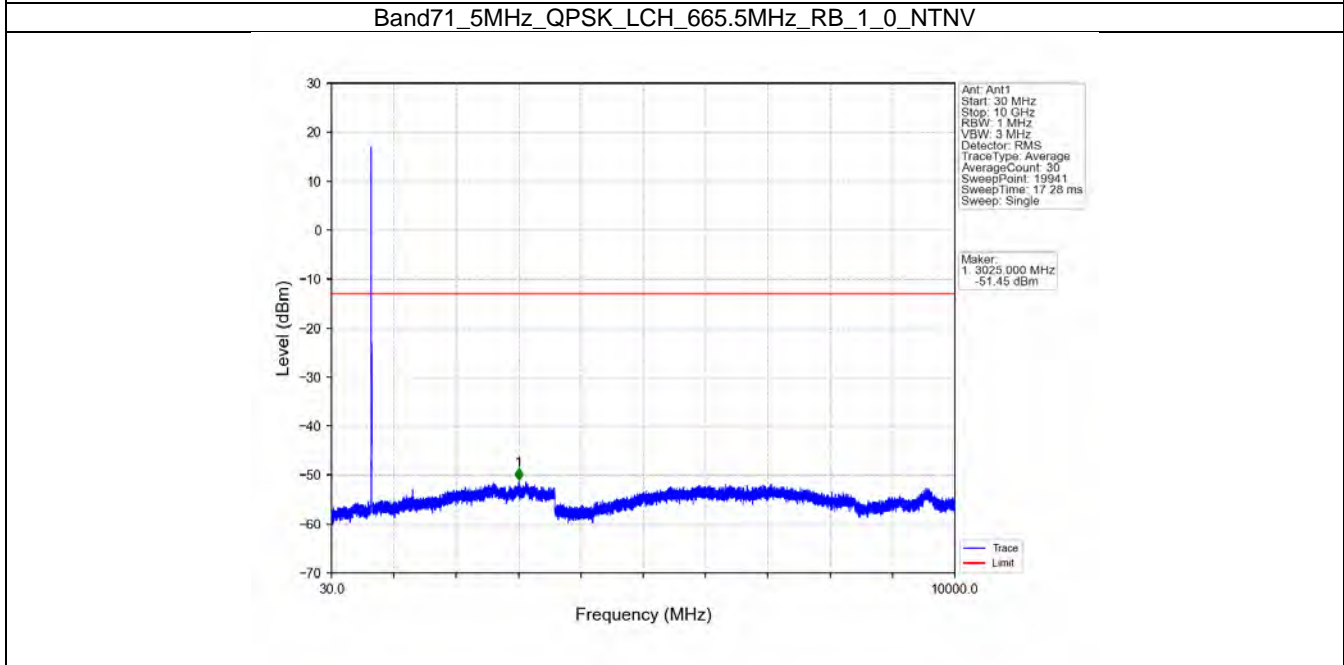
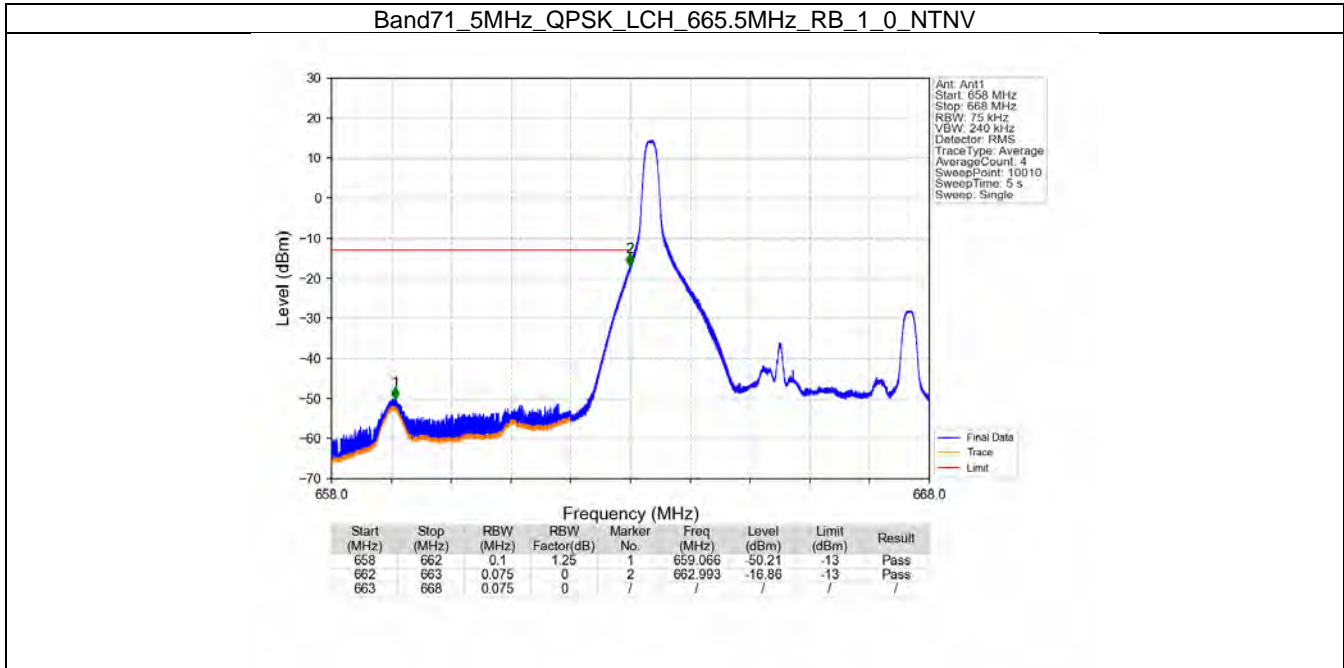
Band: 71 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	1	0	Refer To Test Graph	Pass	
		25	0	Refer To Test Graph	Pass	
	680.5	1	0	Refer To Test Graph	Pass	
		695.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass	
25	0	Refer To Test Graph	Pass			
16QAM	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			
64QAM	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			



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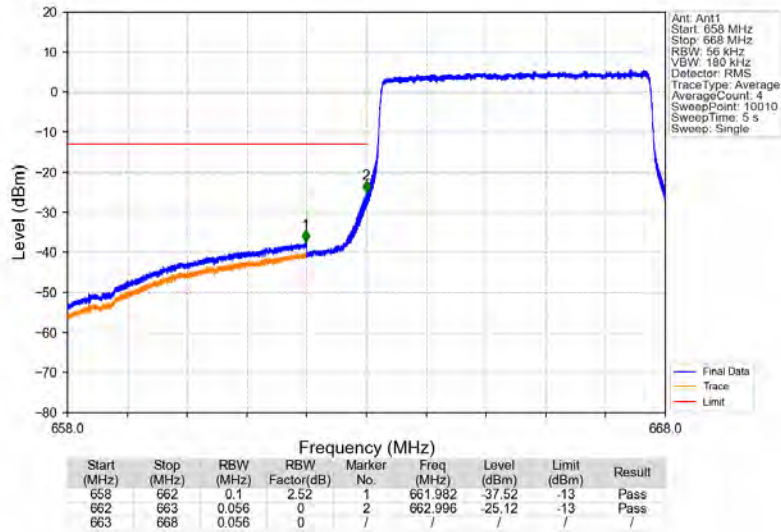
6.1.2 Test Graph



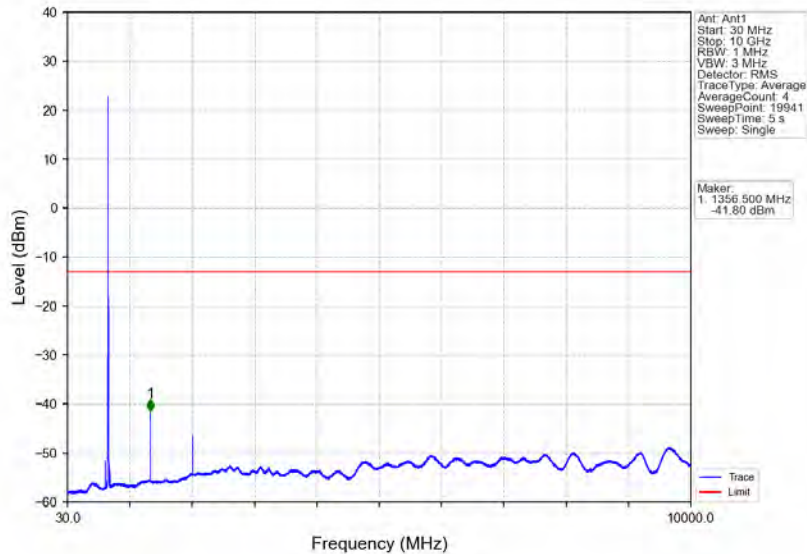
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Band71\_5MHz\_QPSK\_LCH\_665.5MHz\_RB\_25\_0\_NTNV



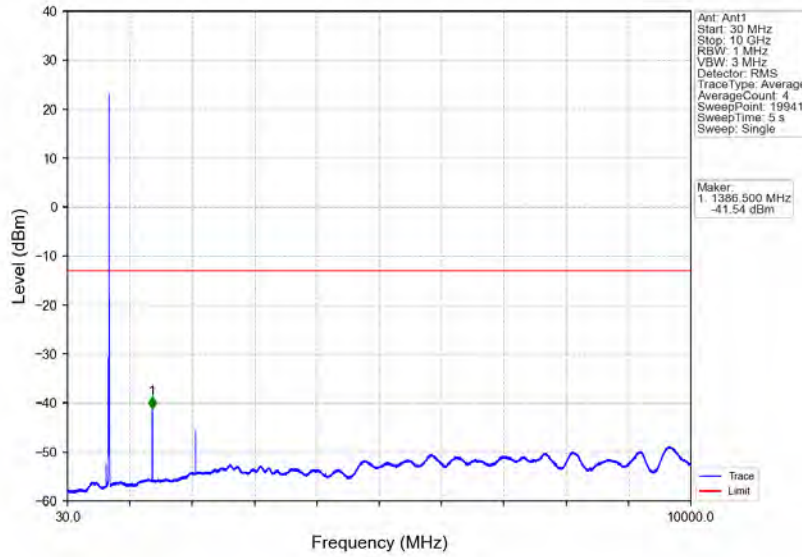
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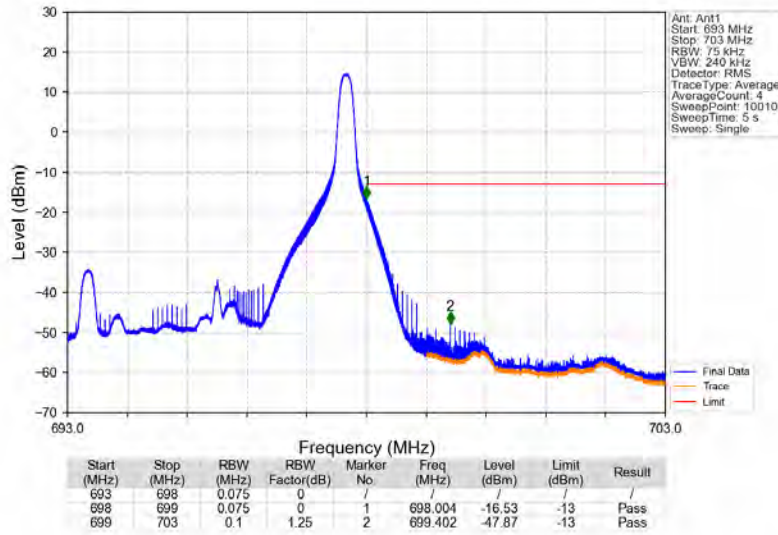
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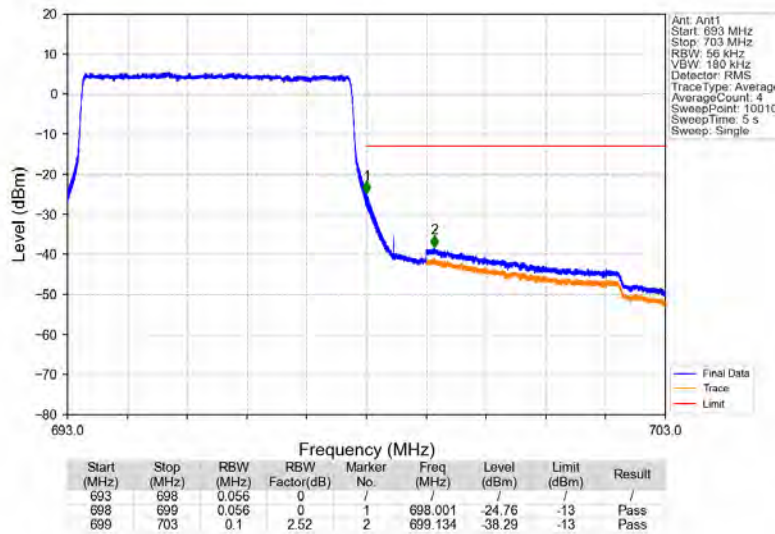
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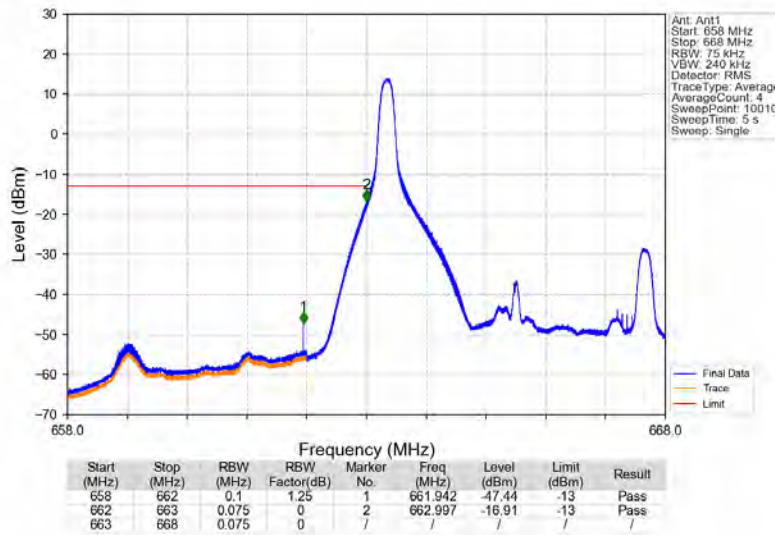
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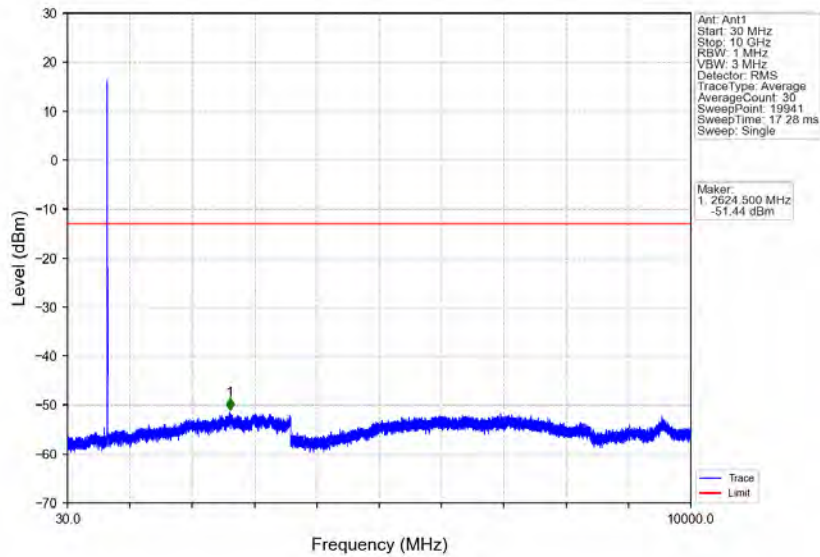
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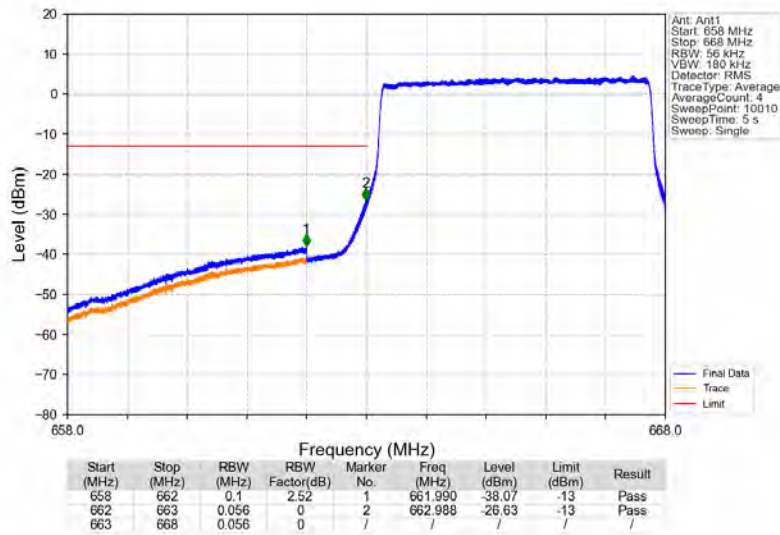
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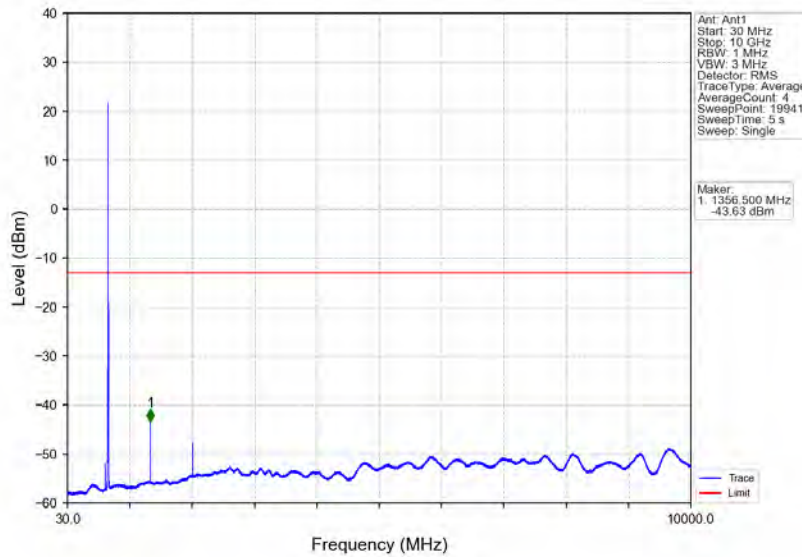
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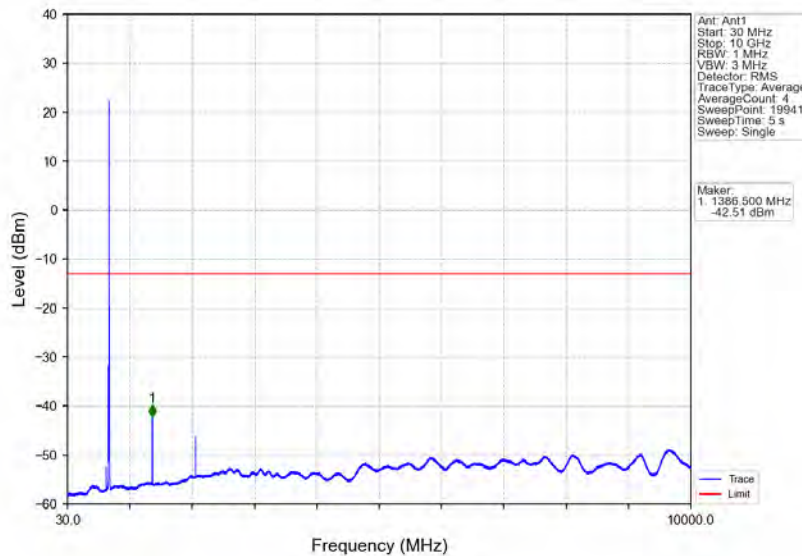
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Band71\_5MHz\_16QAM\_MCH\_680.5MHz\_RB\_1\_0\_NTNV



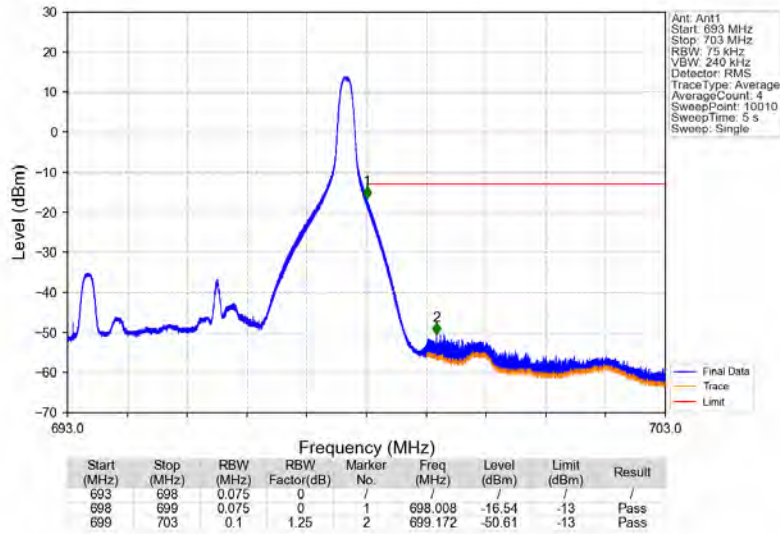
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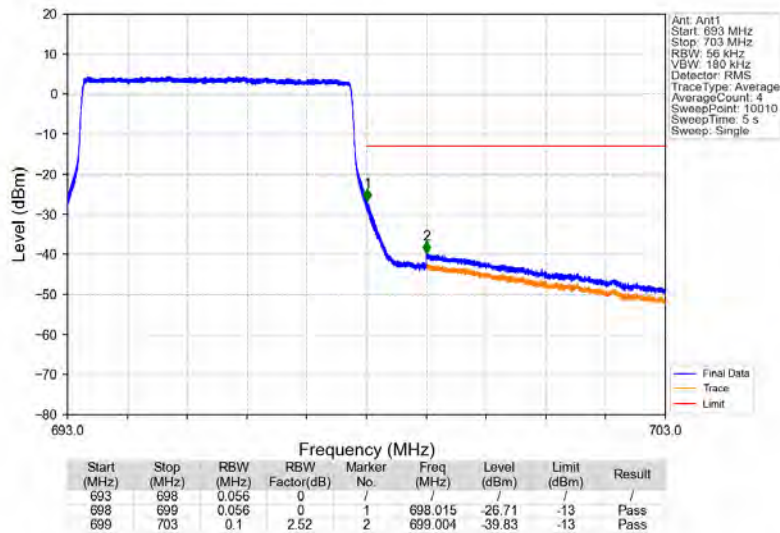
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Band71\_5MHz\_16QAM\_HCH\_695.5MHz\_RB\_1\_24\_NTNV



Band71\_5MHz\_16QAM\_HCH\_695.5MHz\_RB\_25\_0\_NTNV

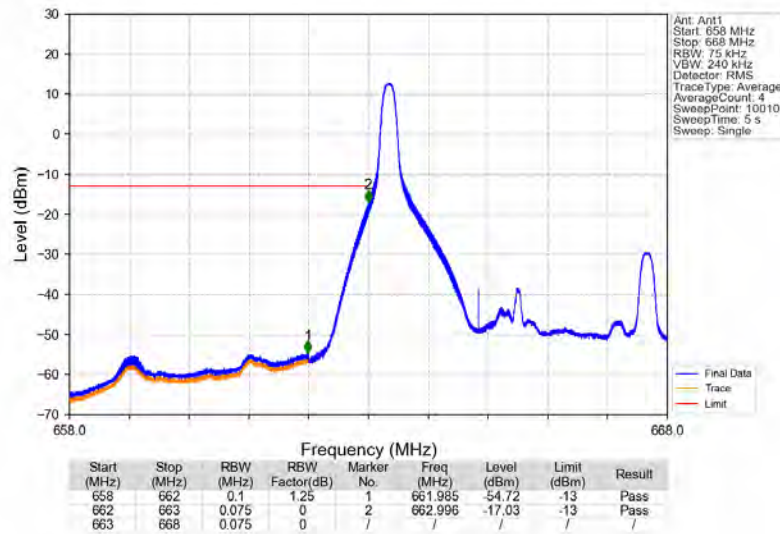


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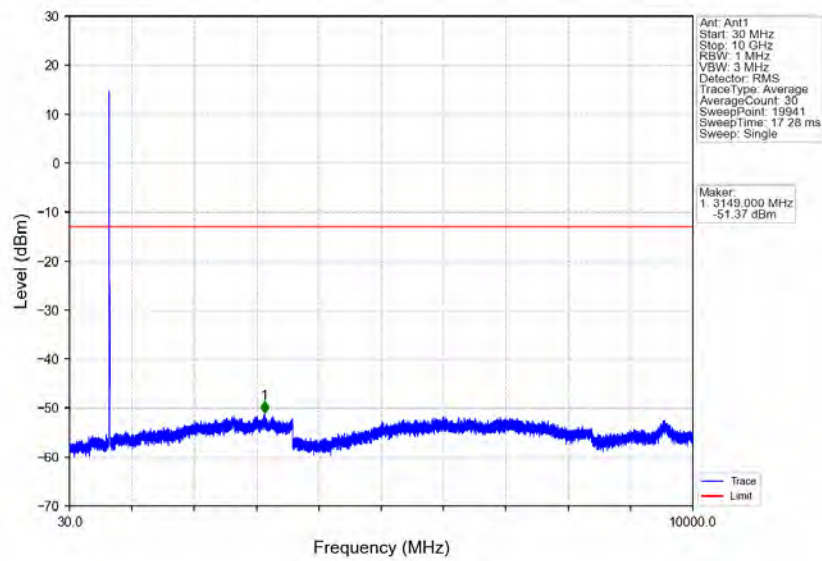
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Band71\_5MHz\_64QAM\_LCH\_665.5MHz\_RB\_1\_0\_NTNV



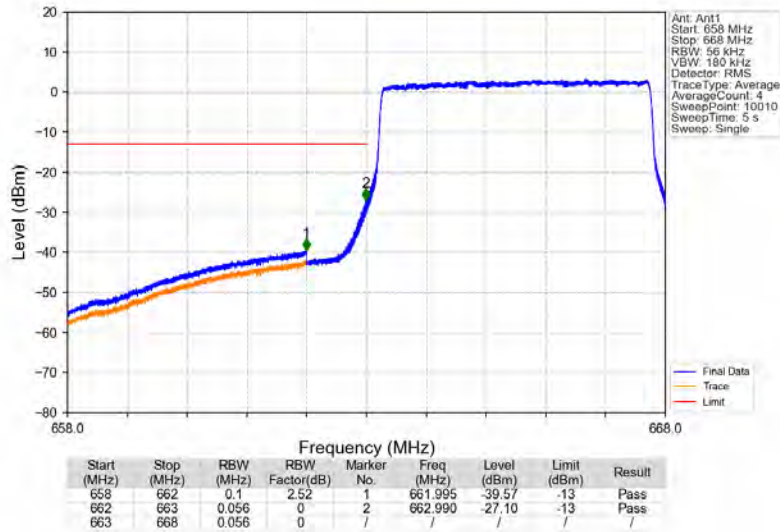
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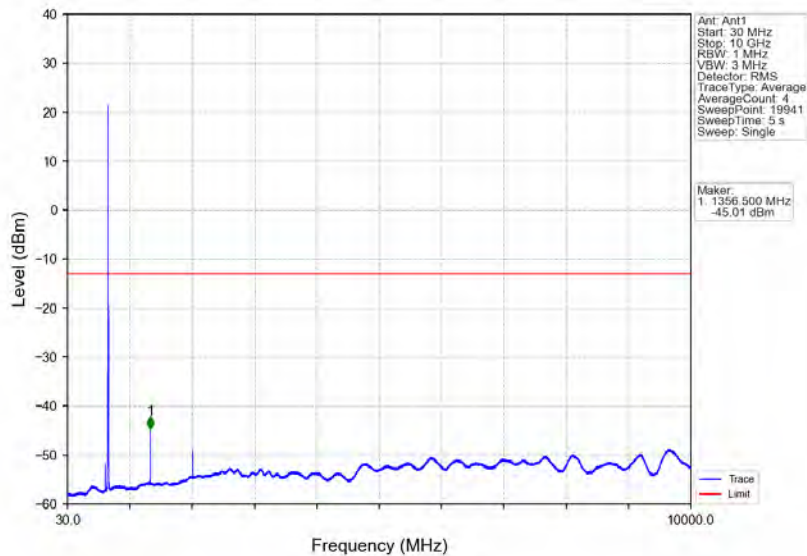
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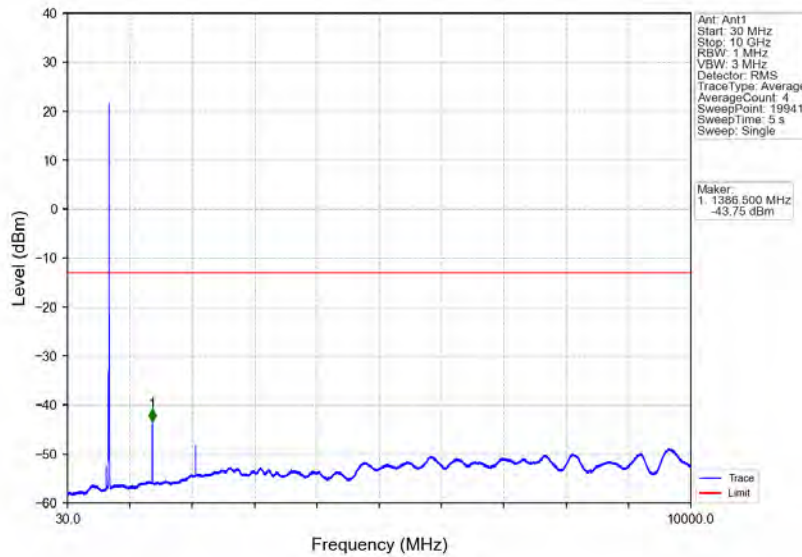
Band71\_5MHz\_64QAM\_MCH\_680.5MHz\_RB\_1\_0\_NTNV



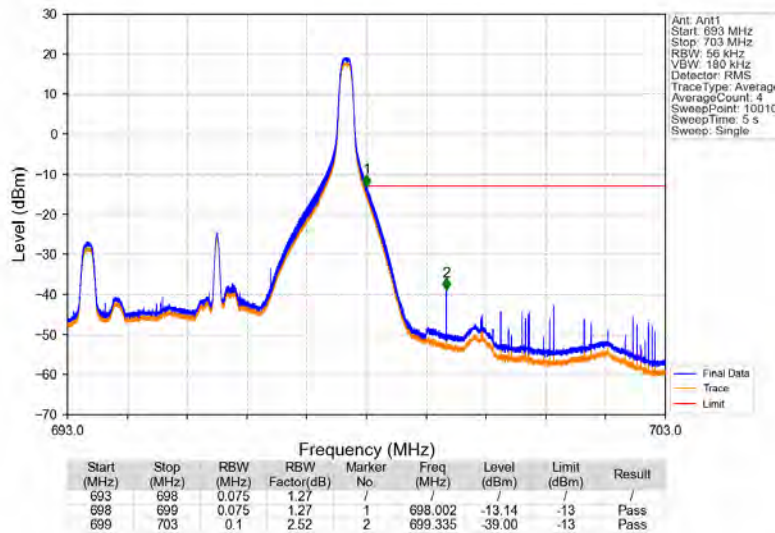
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Band71\_5MHz\_64QAM\_HCH\_695.5MHz\_RB\_1\_0\_NTNV

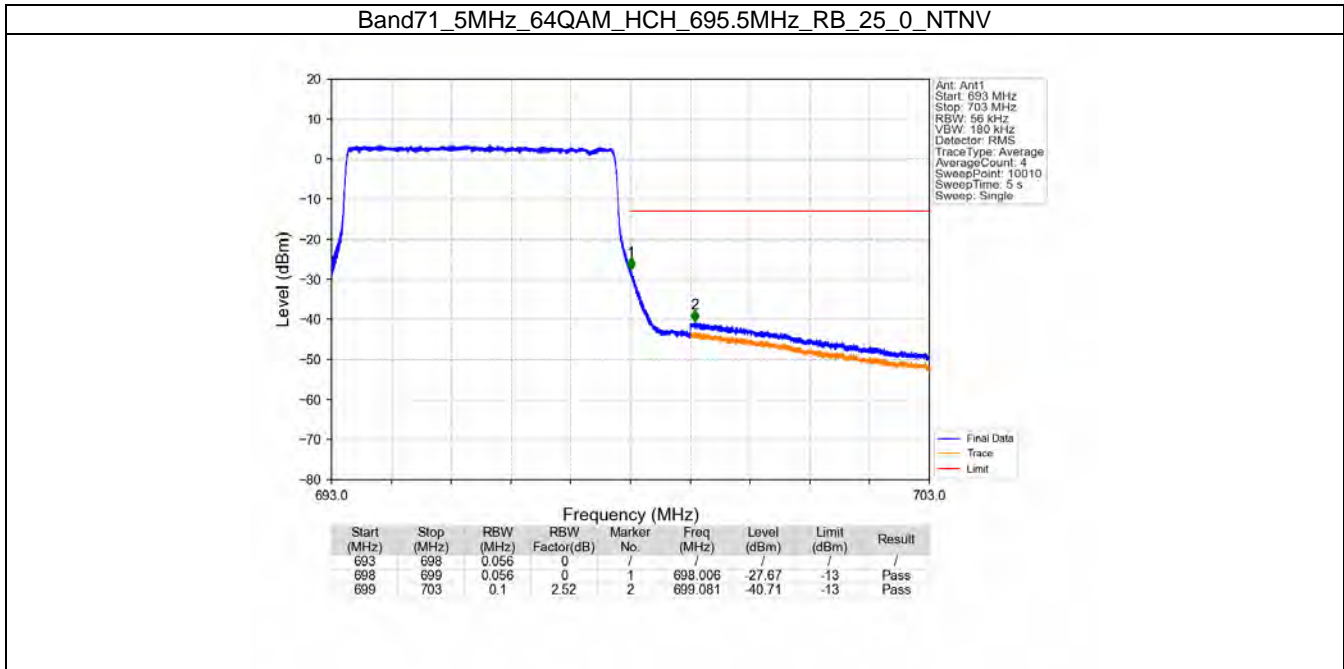


Band71\_5MHz\_64QAM\_HCH\_695.5MHz\_RB\_1\_24\_NTNV



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6.2 B71\_10MHz

6.2.1 Test Result

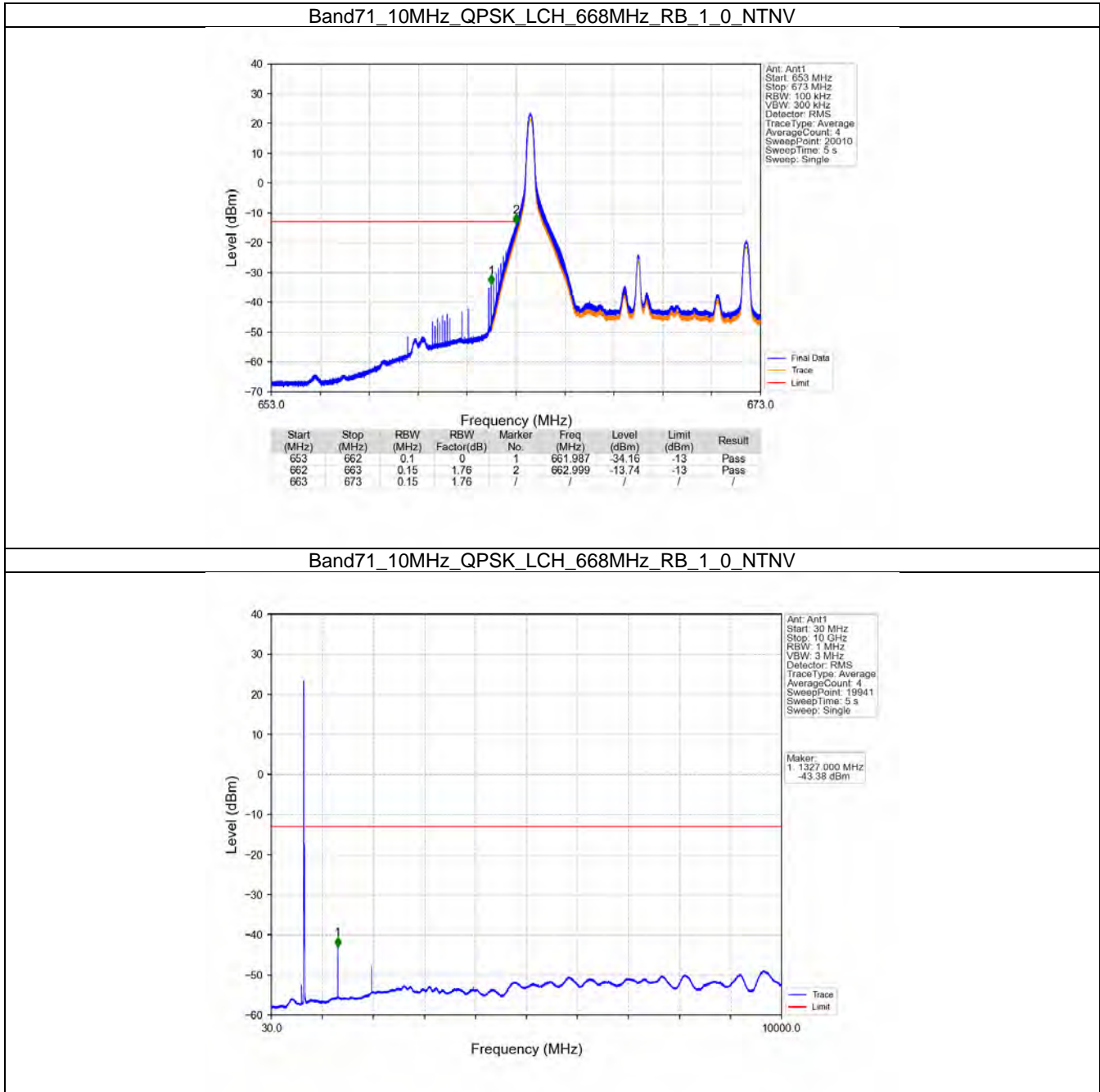
Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	668	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	693	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	668	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	693	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
64QAM	668	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	693	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass



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6.2.2 Test Graph



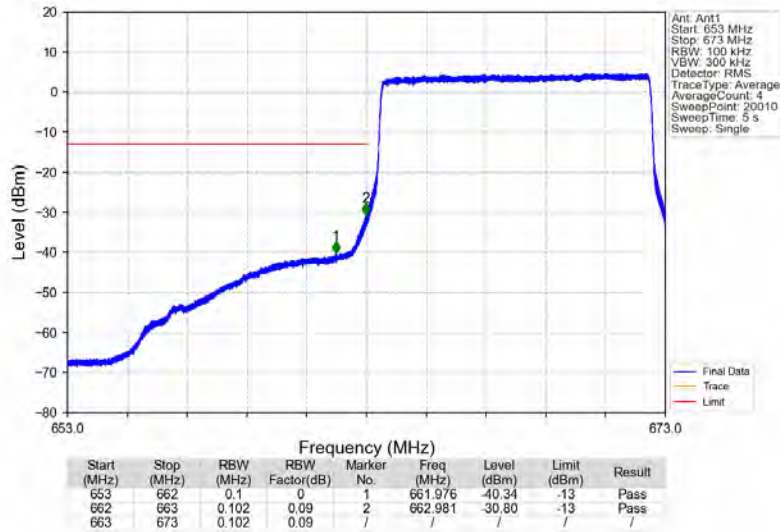
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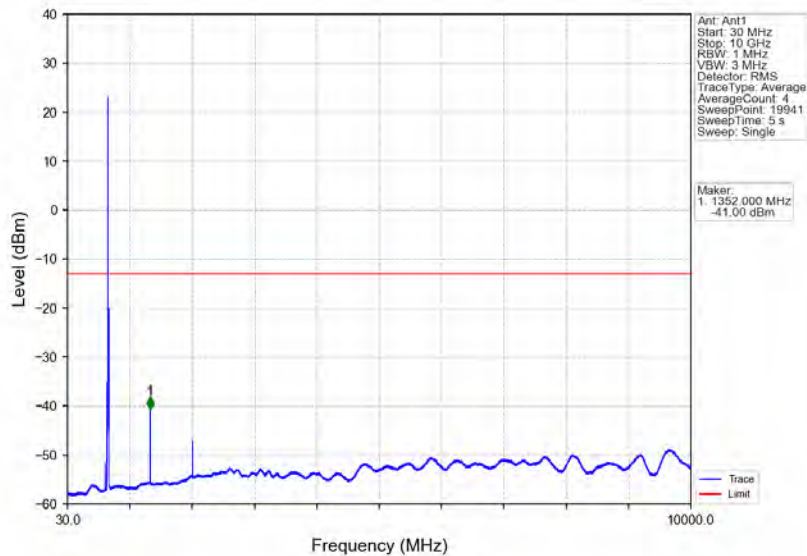
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Band71\_10MHz\_QPSK\_LCH\_668MHz\_RB\_50\_0\_NTNV



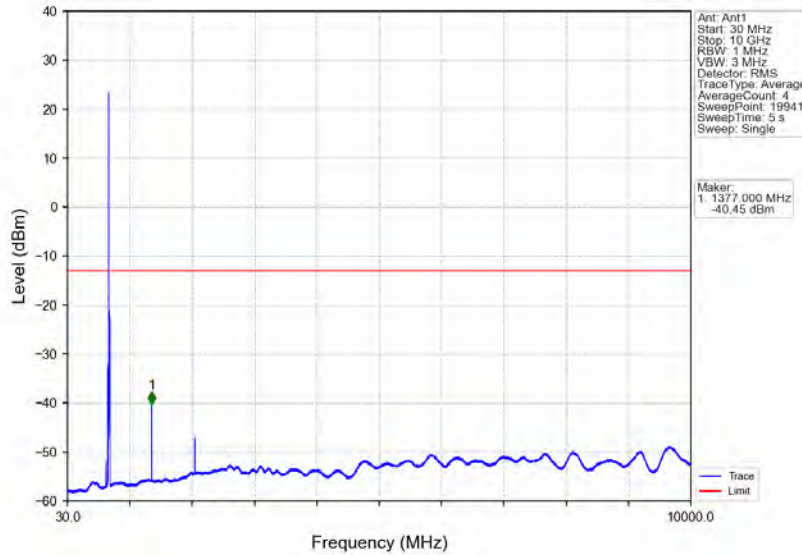
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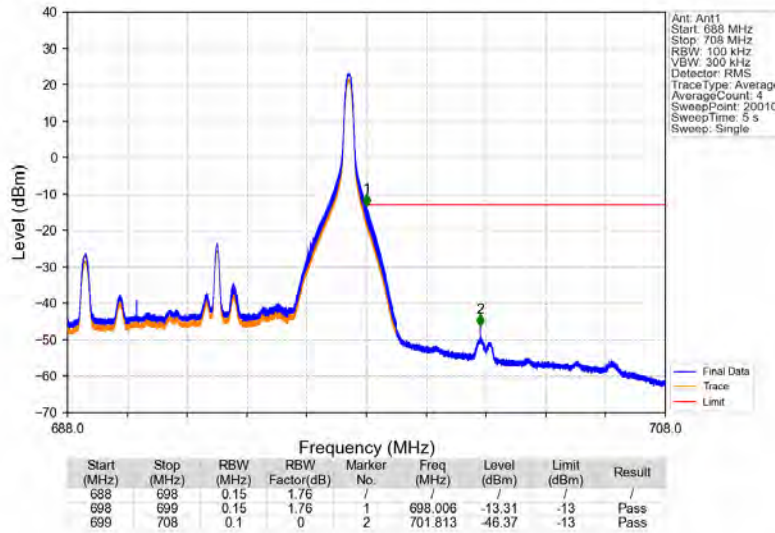
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Band71\_10MHz\_QPSK\_HCH\_693MHz\_RB\_1\_0\_NTNV



Band71\_10MHz\_QPSK\_HCH\_693MHz\_RB\_1\_49\_NTNV

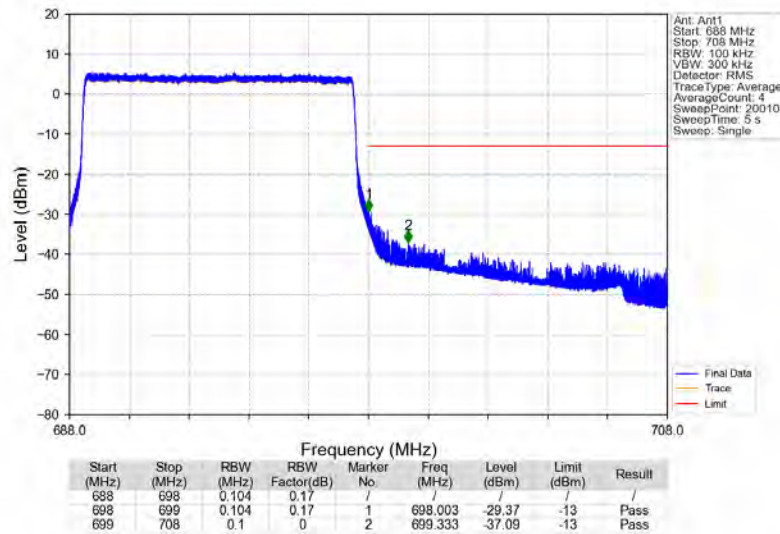


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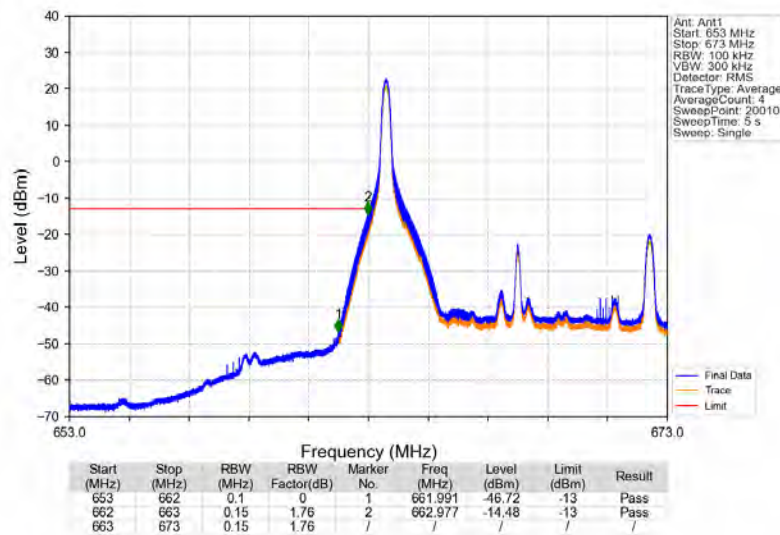
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Band71\_10MHz\_QPSK\_HCH\_693MHz\_RB\_50\_0\_NTNV



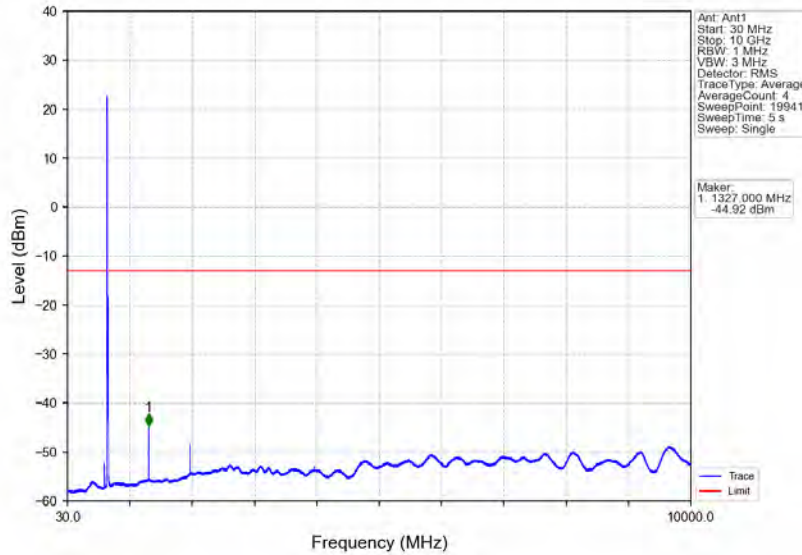
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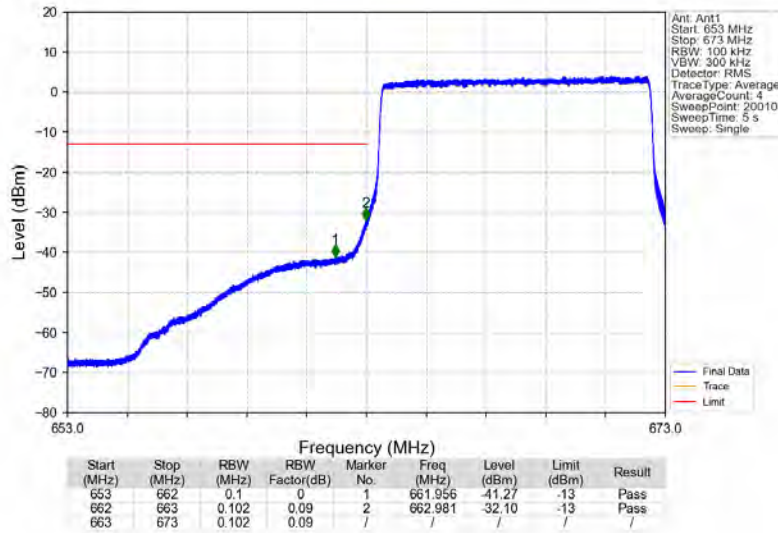
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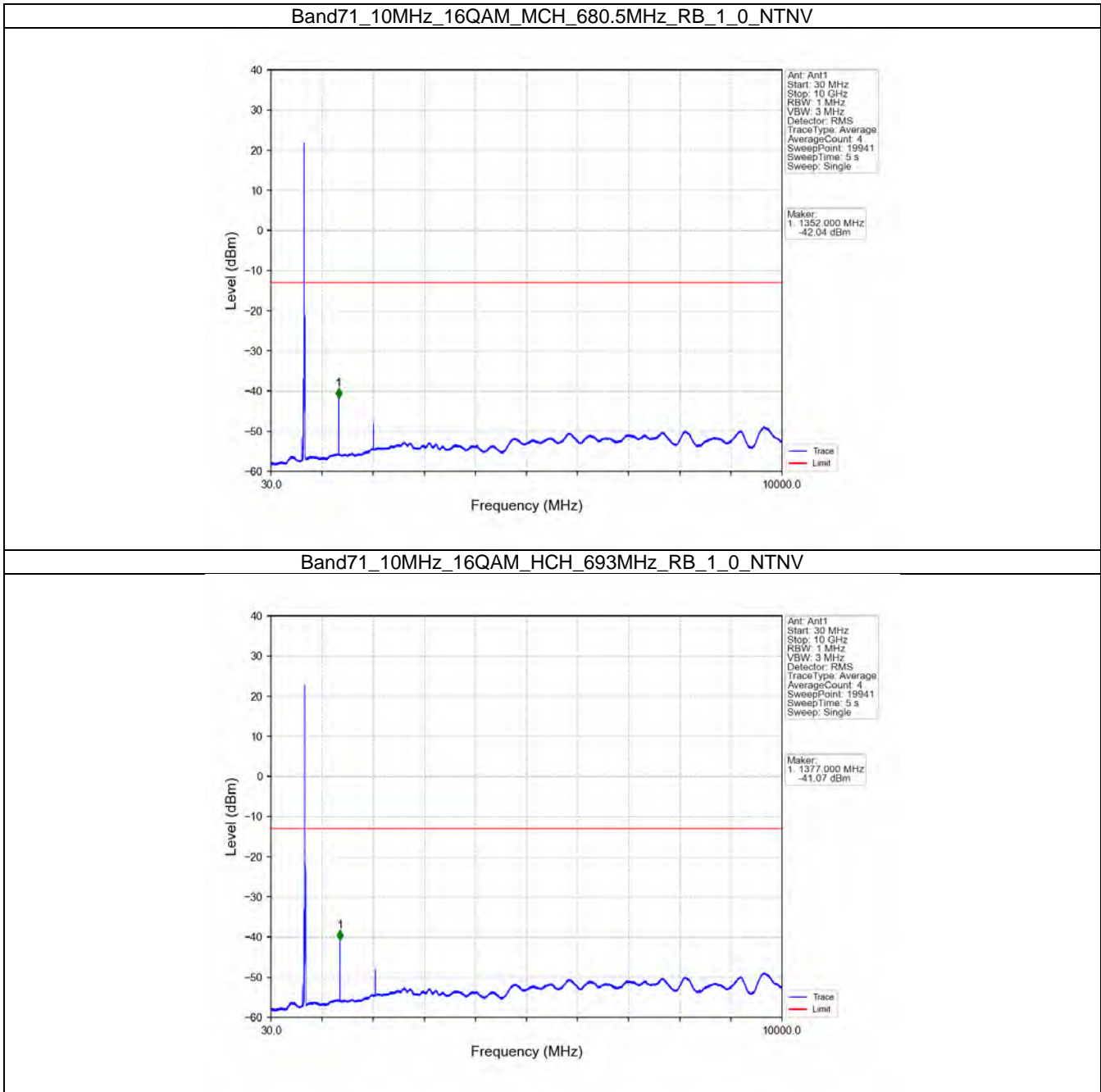


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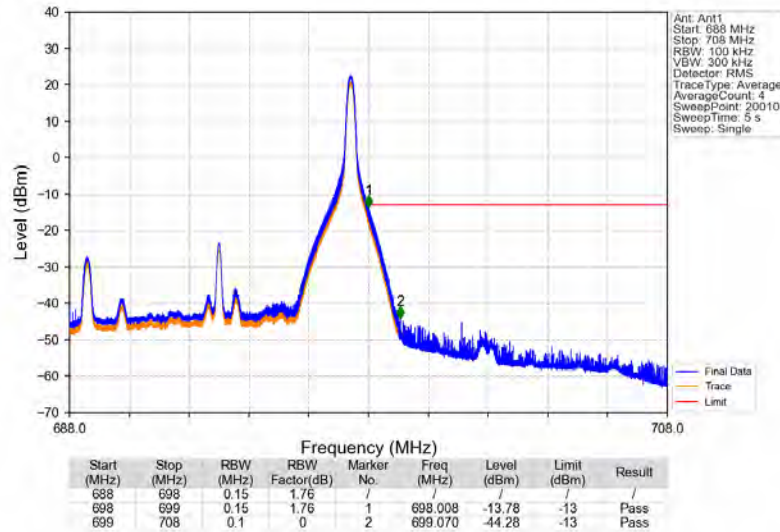
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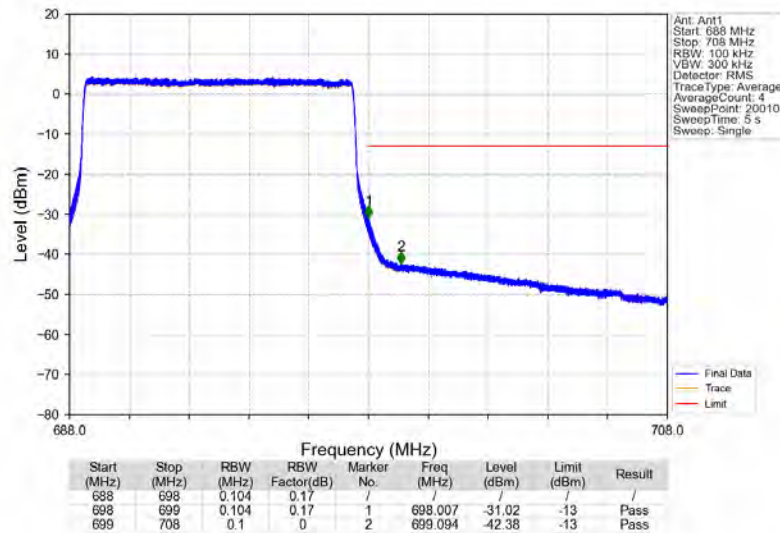
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Band71\_10MHz\_16QAM\_HCH\_693MHz\_RB\_1\_49\_NTV



Band71\_10MHz\_16QAM\_HCH\_693MHz\_RB\_50\_0\_NTV

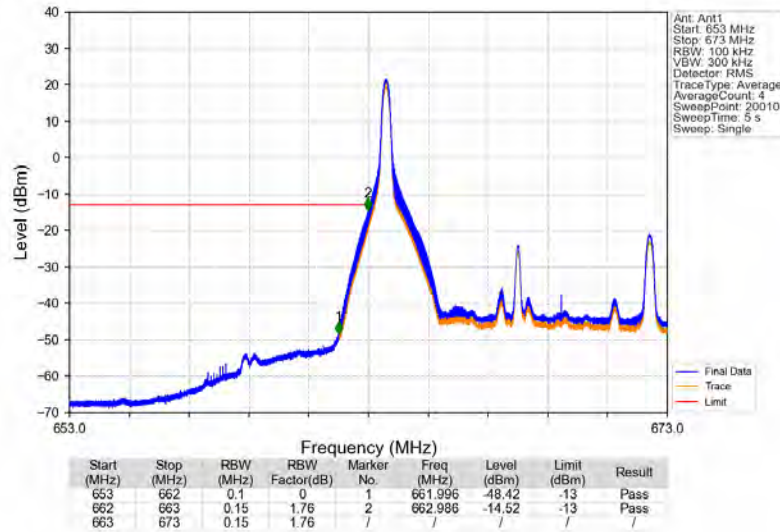


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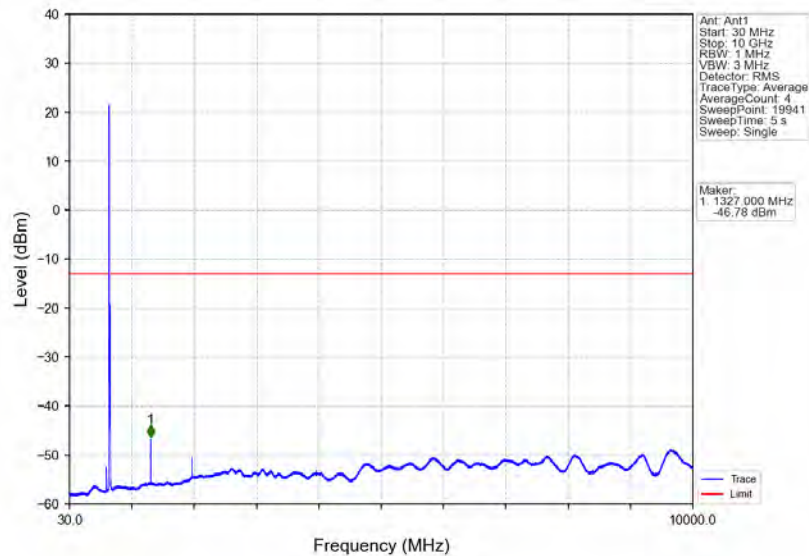
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Band71\_10MHz\_64QAM\_LCH\_668MHz\_RB\_1\_0\_NTV



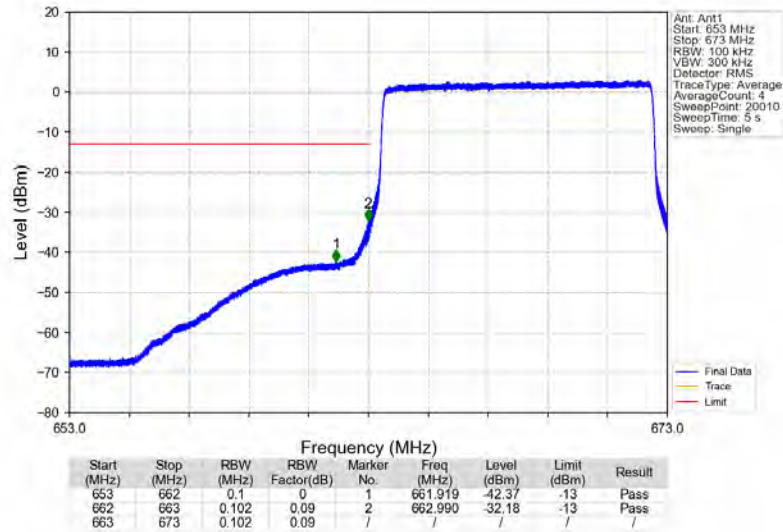
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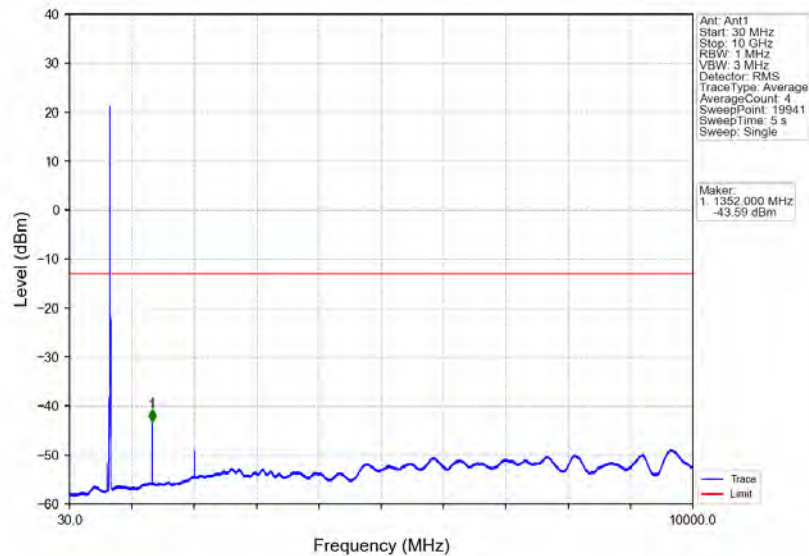
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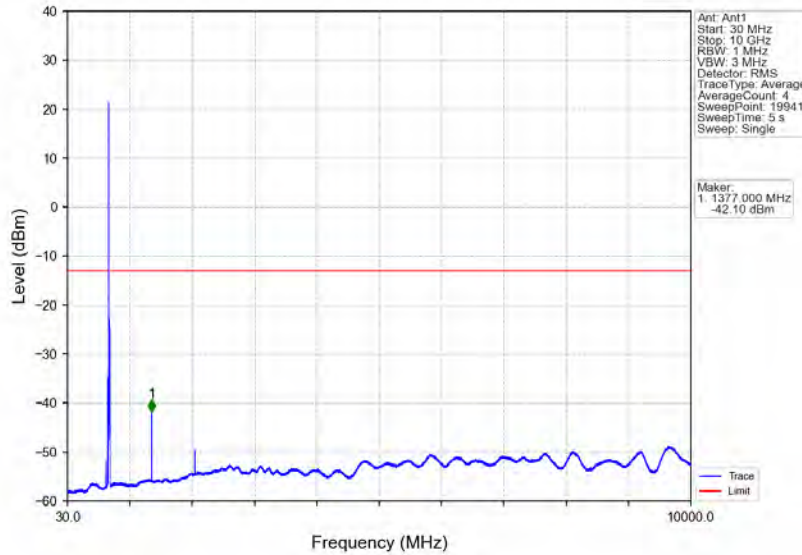
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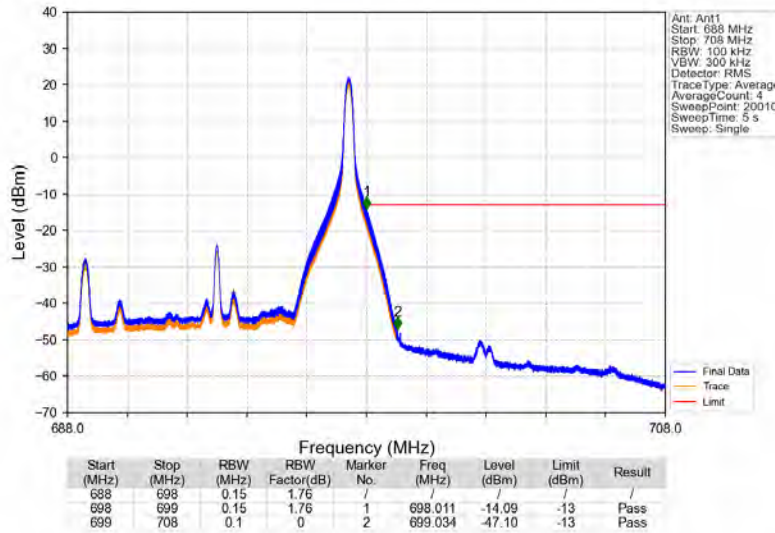
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Band71\_10MHz\_64QAM\_HCH\_693MHz\_RB\_1\_0\_NTNV

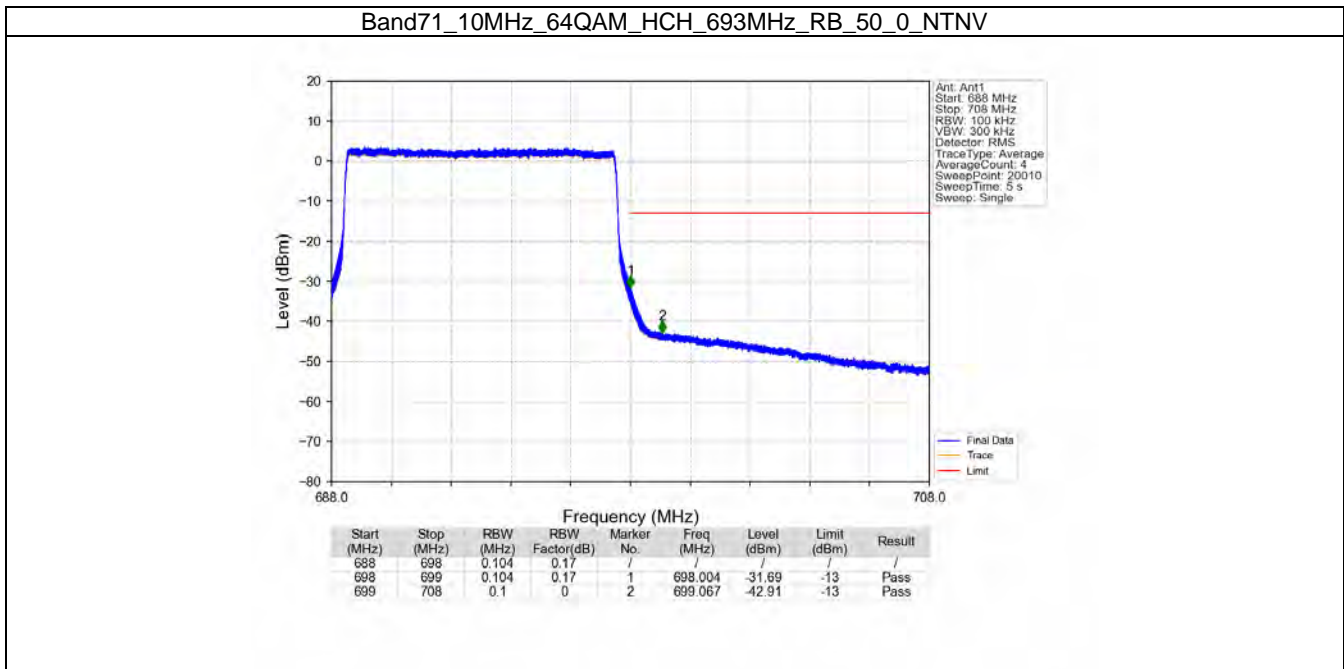


Band71\_10MHz\_64QAM\_HCH\_693MHz\_RB\_1\_49\_NTNV



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6.3 B71\_15MHz

6.3.1 Test Result

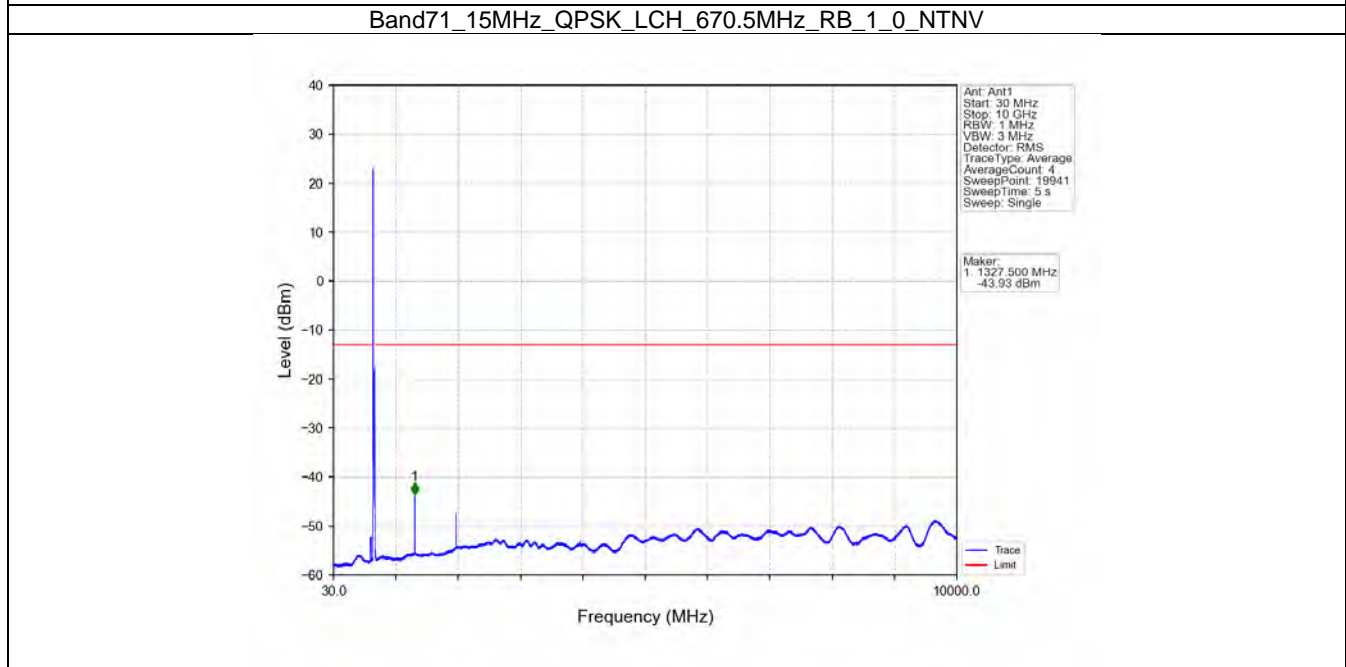
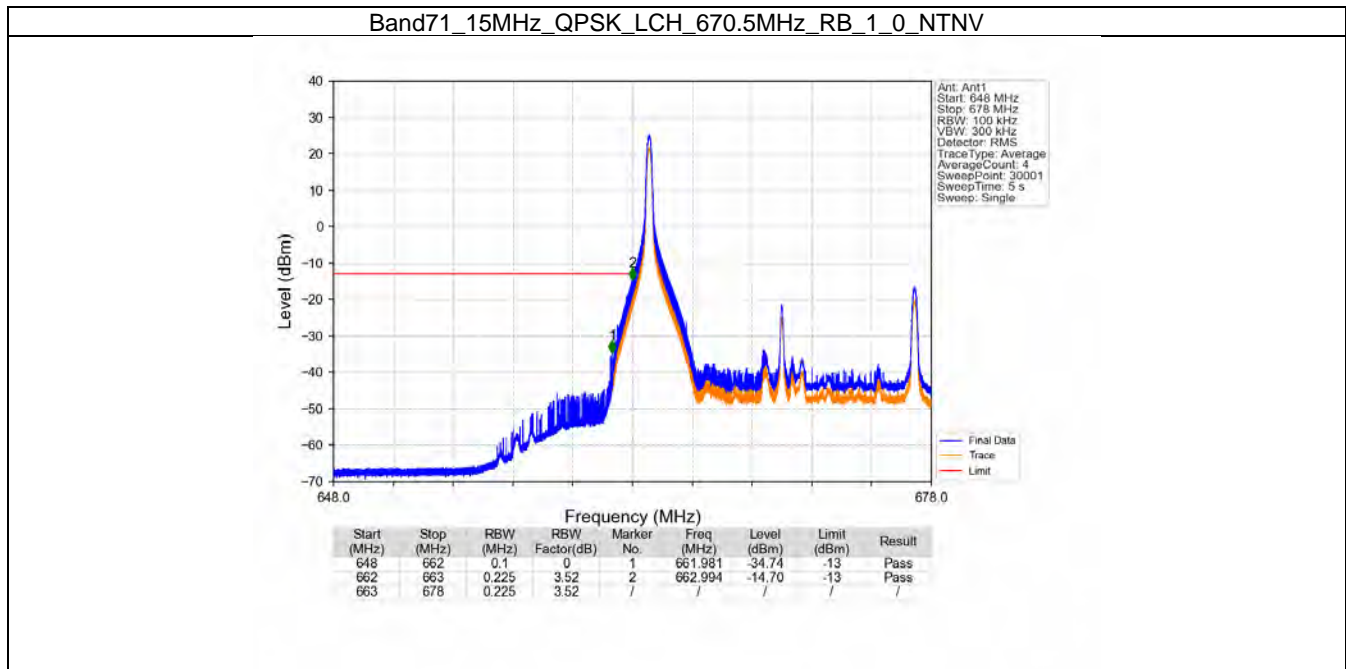
Band: 71 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
		690.5	1	0	Refer To Test Graph	
				74	Refer To Test Graph	
			75	0	Refer To Test Graph	
16QAM	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	
				74	Refer To Test Graph	
			75	0	Refer To Test Graph	
64QAM	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	
				74	Refer To Test Graph	
			75	0	Refer To Test Graph	



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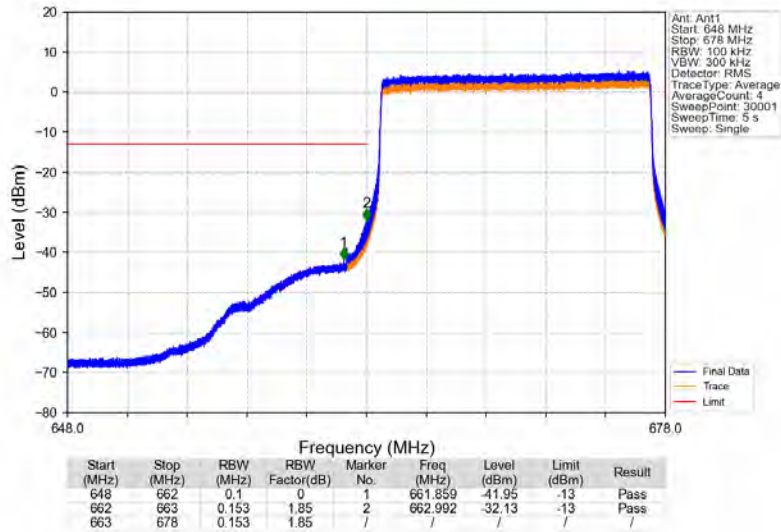
6.3.2 Test Graph



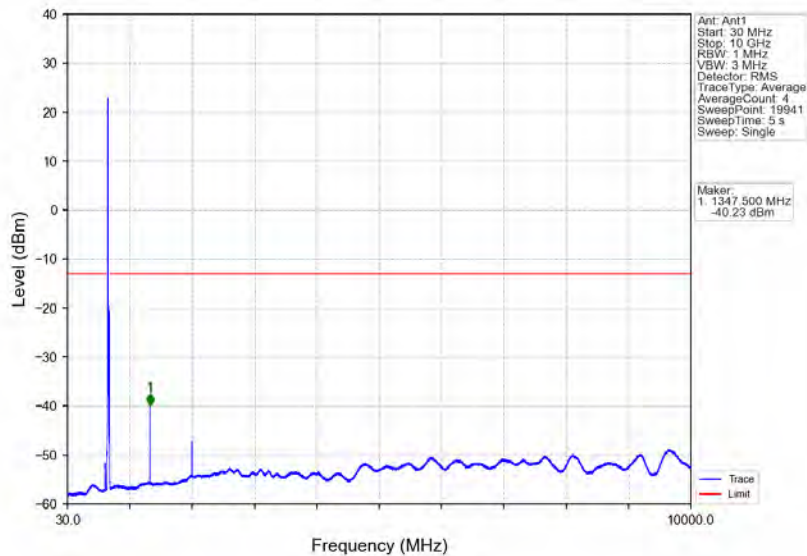
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Band71\_15MHz\_QPSK\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



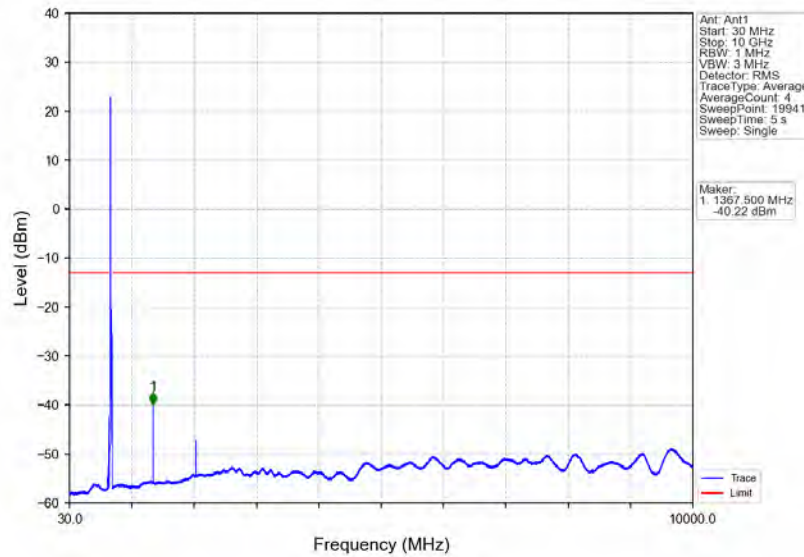
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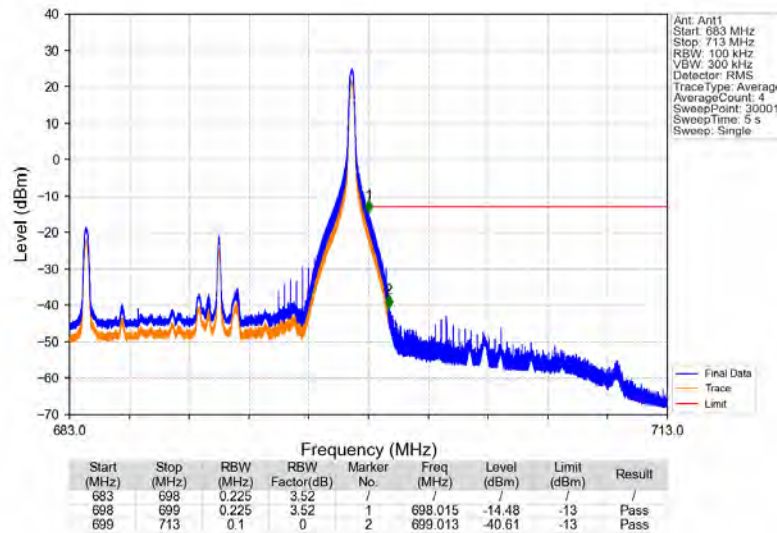
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Band71\_15MHz\_QPSK\_HCH\_690.5MHz\_RB\_1\_0\_NTNV



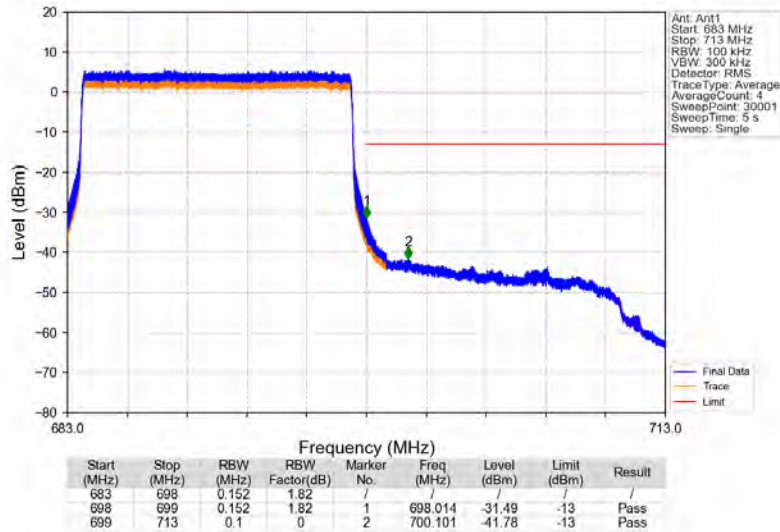
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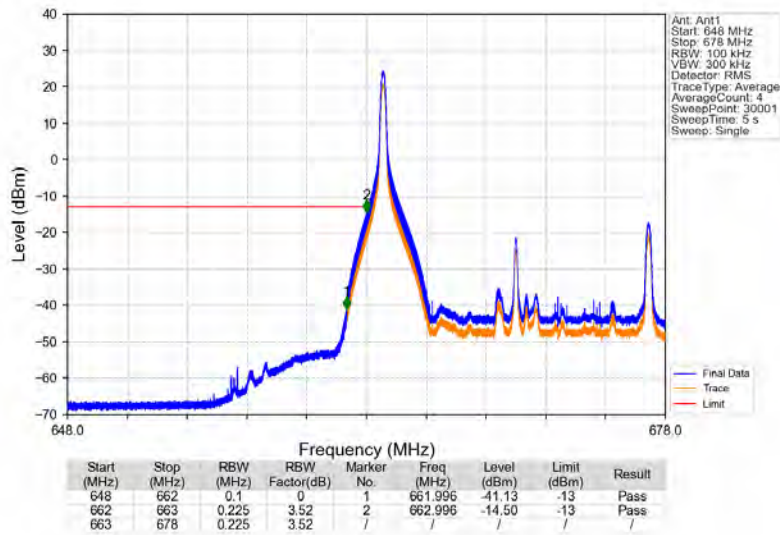
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Band71\_15MHz\_QPSK\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



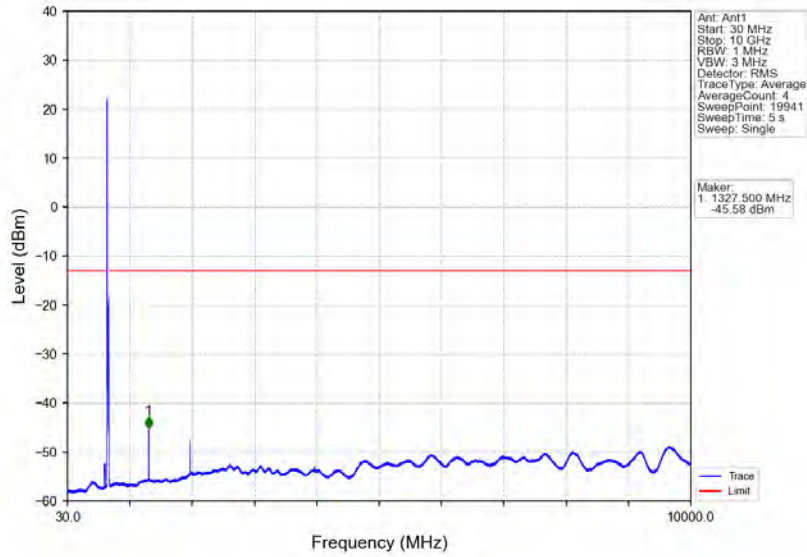
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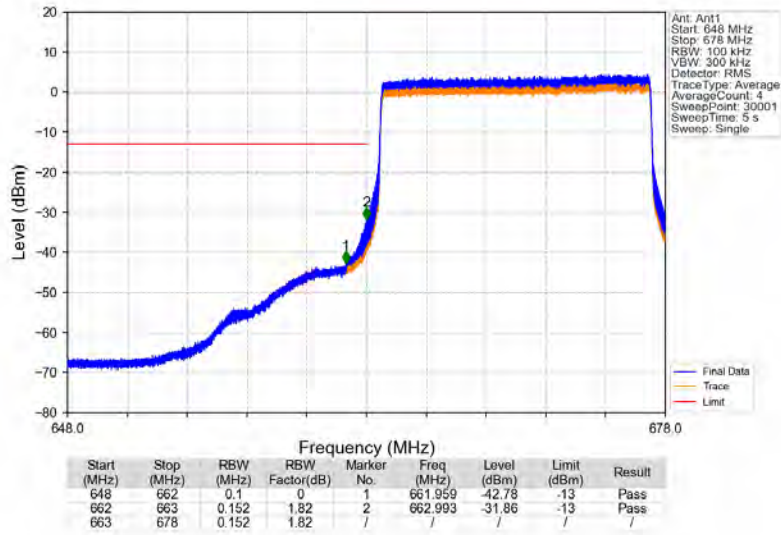
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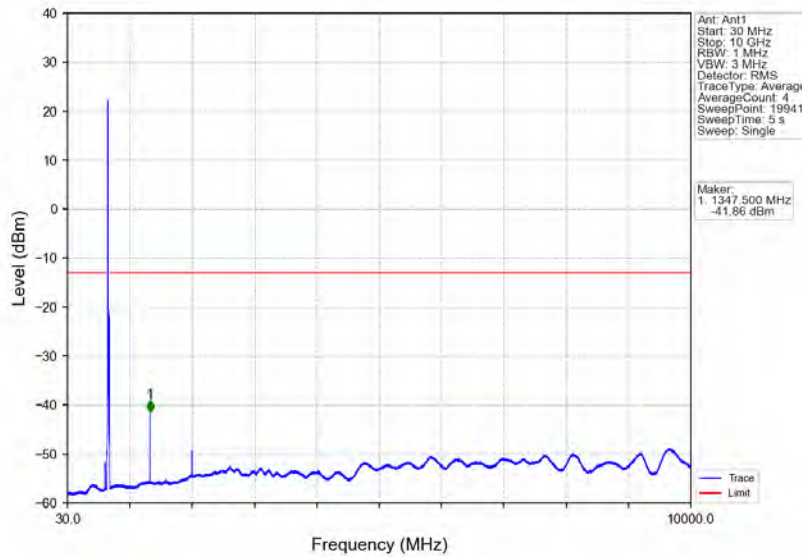
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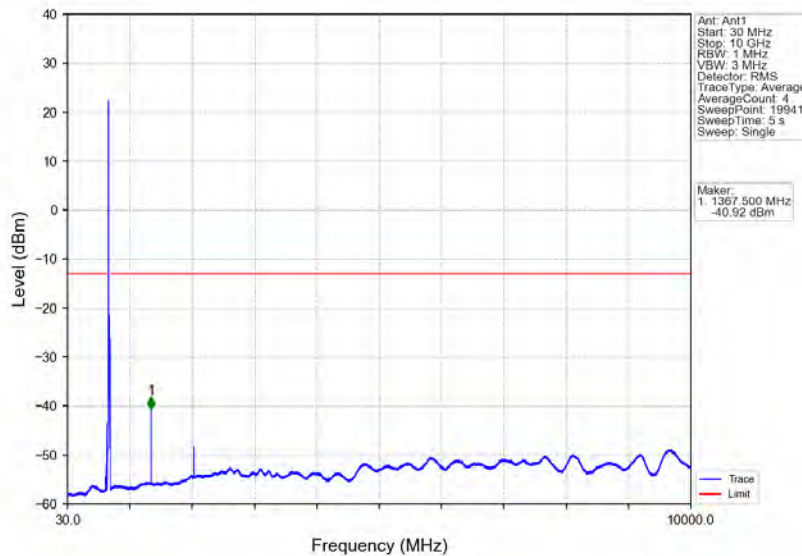
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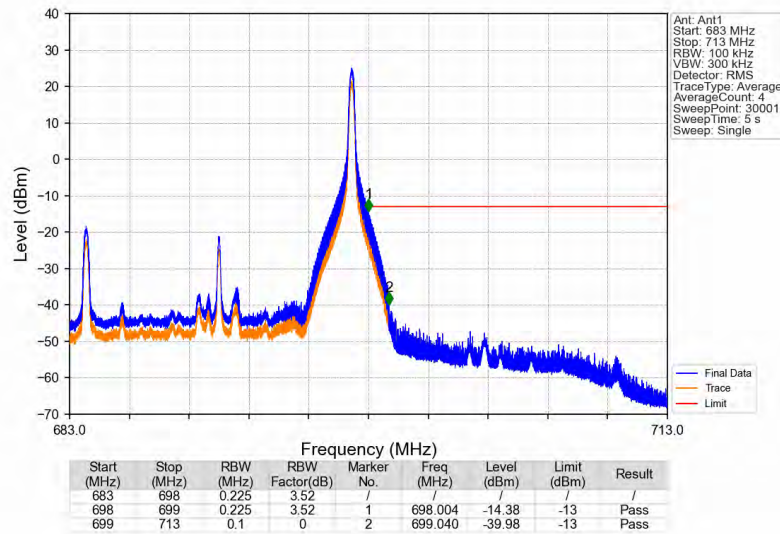
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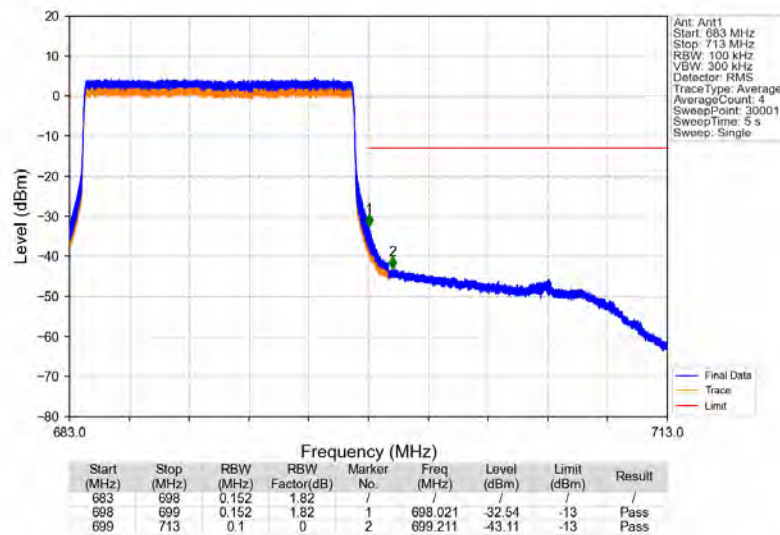
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### Band71\_15MHz\_16QAM\_HCH\_690.5MHz\_RB\_1\_74\_NTNV



### Band71\_15MHz\_16QAM\_HCH\_690.5MHz\_RB\_75\_0\_NTNV

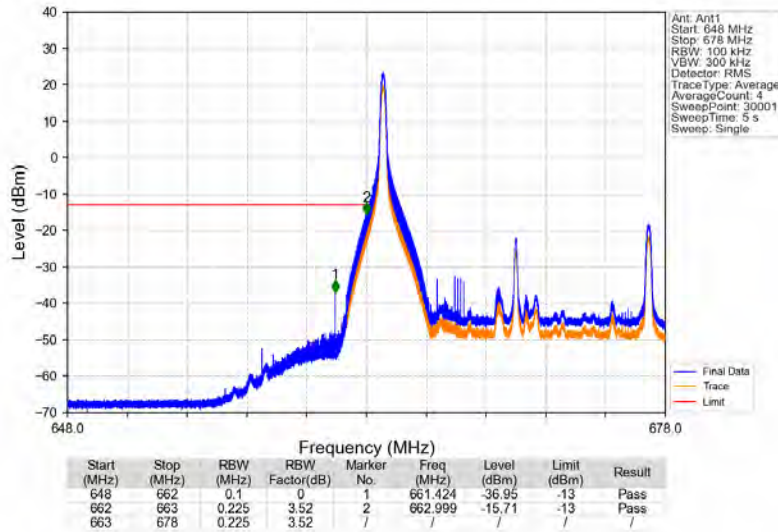


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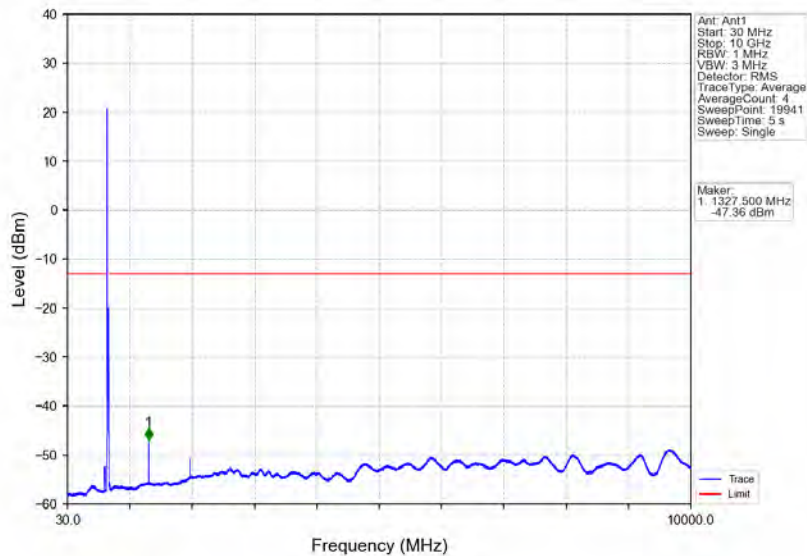
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Band71\_15MHz\_64QAM\_LCH\_670.5MHz\_RB\_1\_0\_NTNV



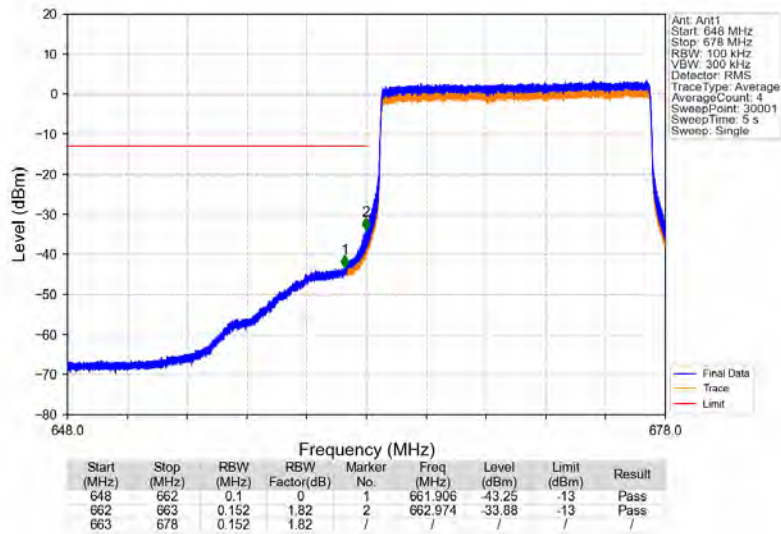
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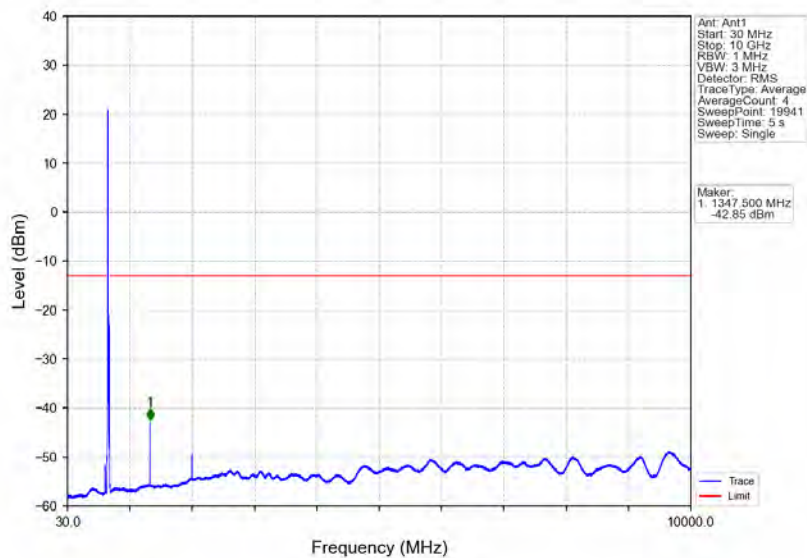
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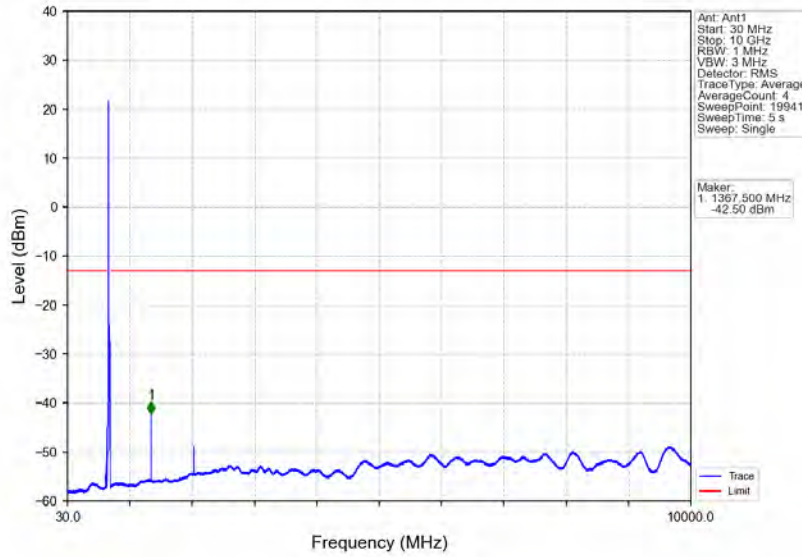
Band71\_15MHz\_64QAM\_MCH\_680.5MHz\_RB\_1\_0\_NTNV



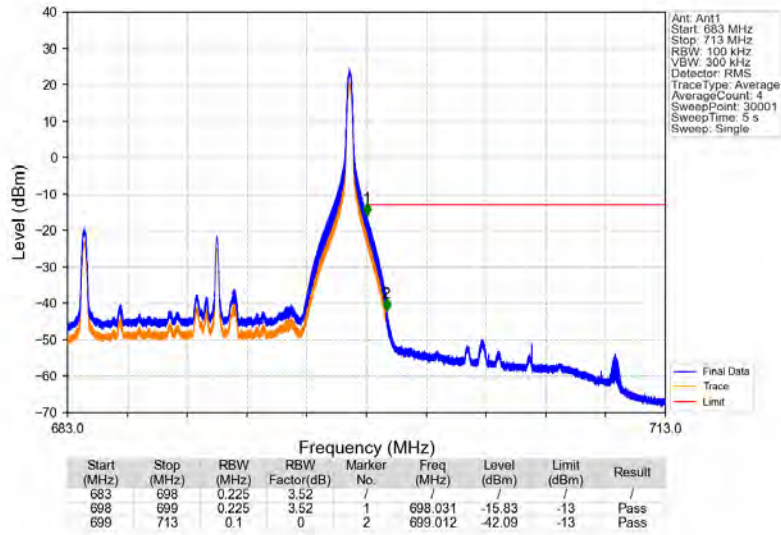
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Band71\_15MHz\_64QAM\_HCH\_690.5MHz\_RB\_1\_0\_NTNV



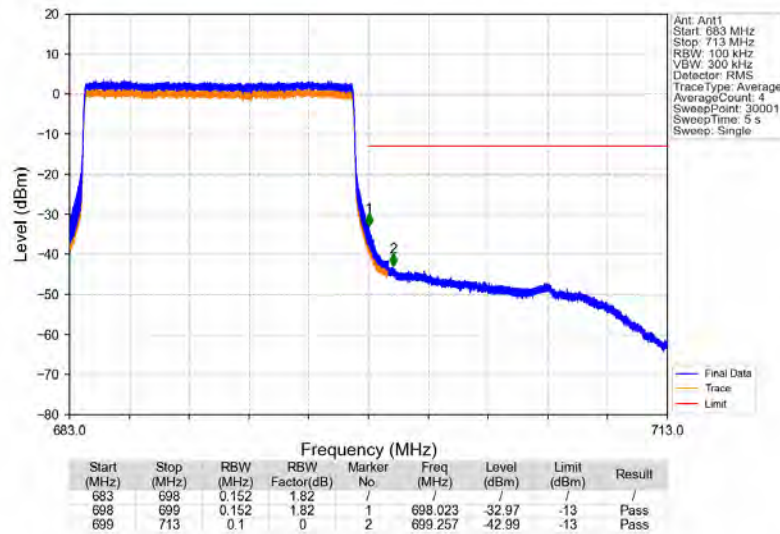
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Band71\_15MHz\_64QAM\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



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6.4 B71\_20MHz

6.4.1 Test Result

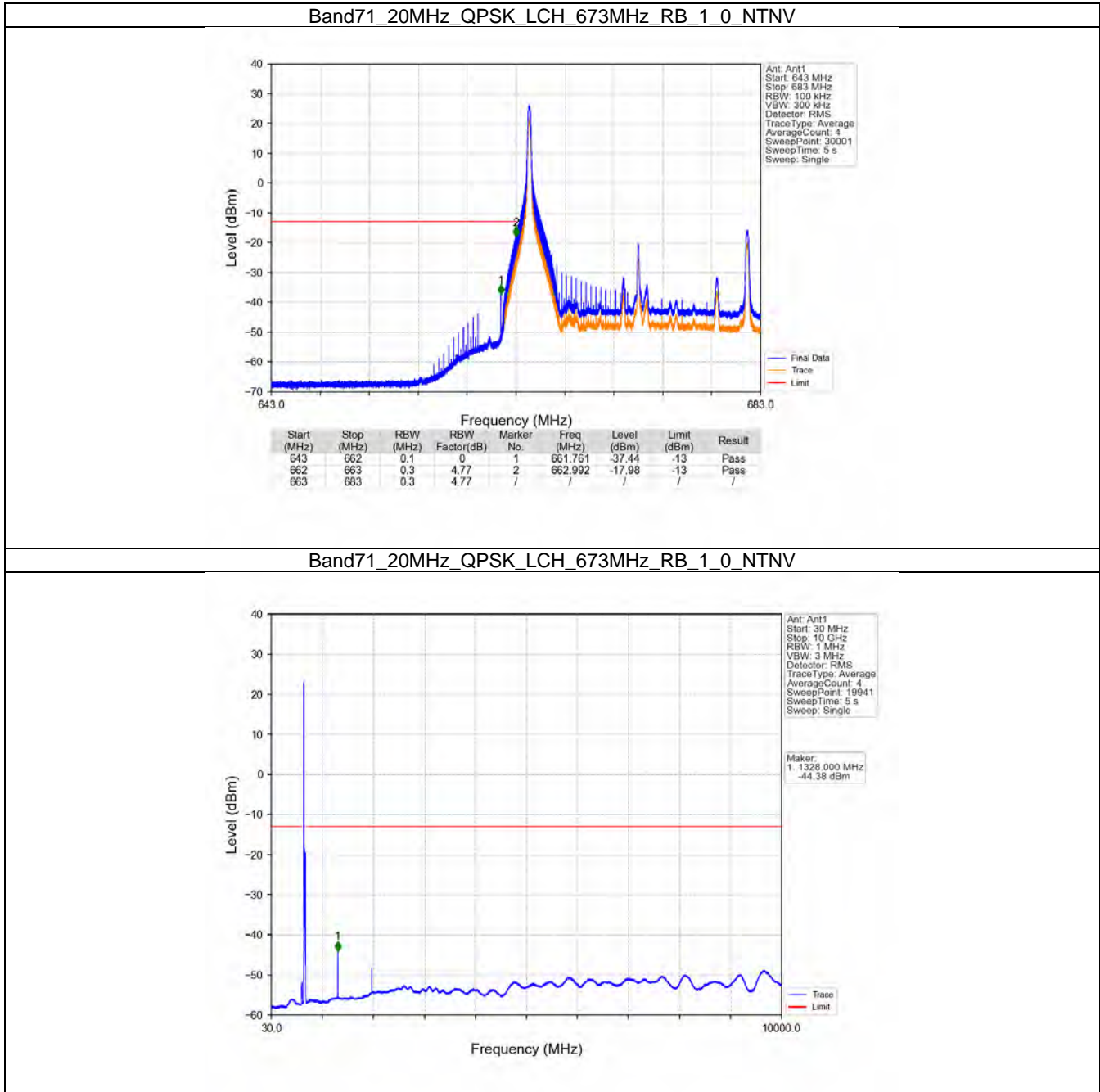
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	673	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	688	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	673	1	0	Refer To Test Graph		Pass
		100	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
			0	Refer To Test Graph		Pass
64QAM	673	1	0	Refer To Test Graph		Pass
		100	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
			0	Refer To Test Graph		Pass



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6.4.2 Test Graph



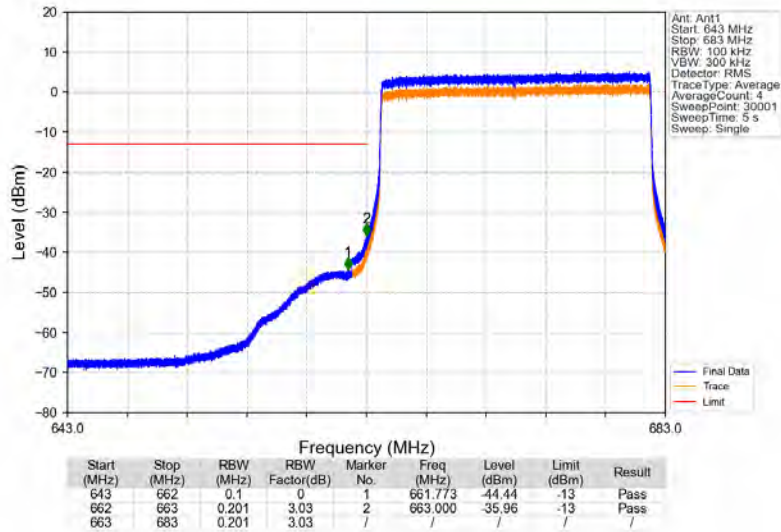
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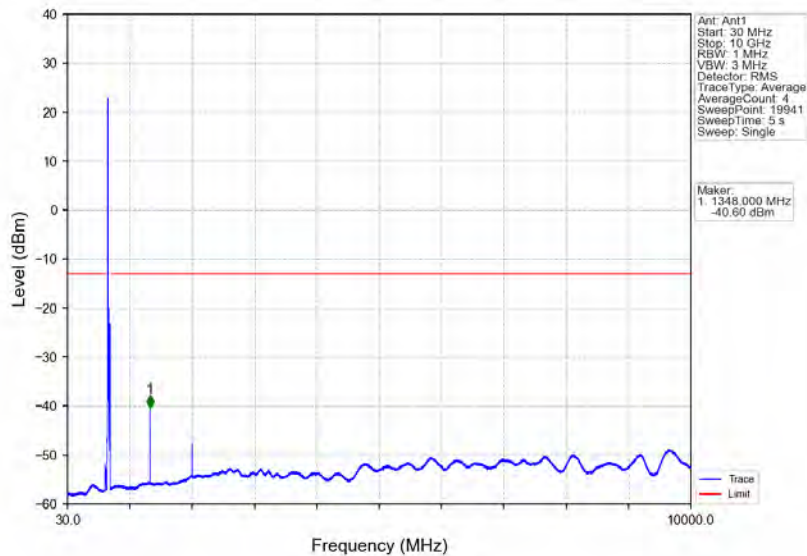
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Band71\_20MHz\_QPSK\_LCH\_673MHz\_RB\_100\_0\_NTNV



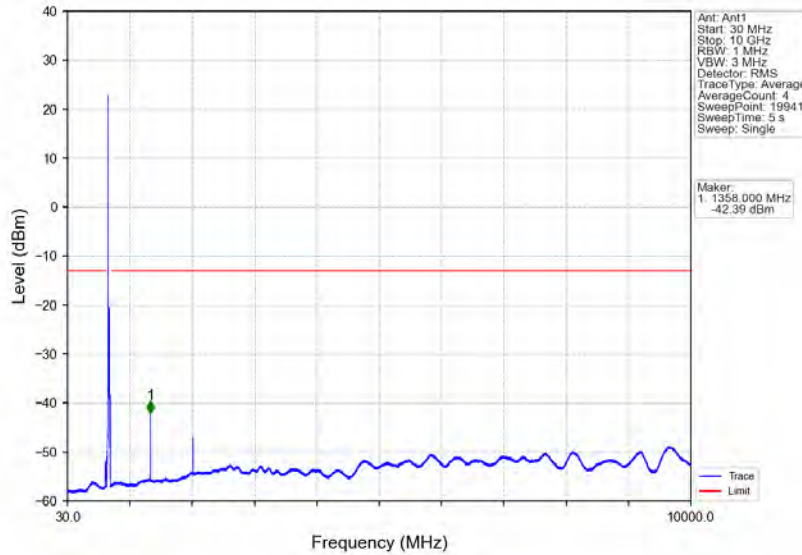
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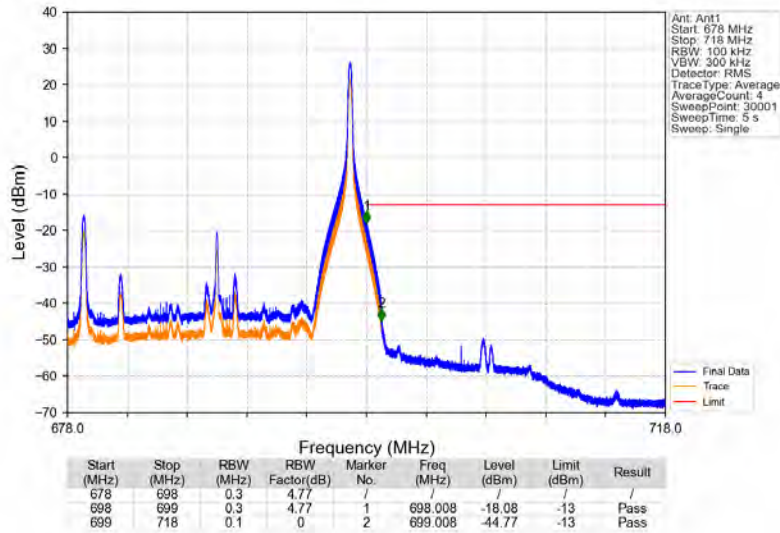
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Band71\_20MHz\_QPSK\_HCH\_688MHz\_RB\_1\_0\_NTNV



Band71\_20MHz\_QPSK\_HCH\_688MHz\_RB\_1\_99\_NTNV

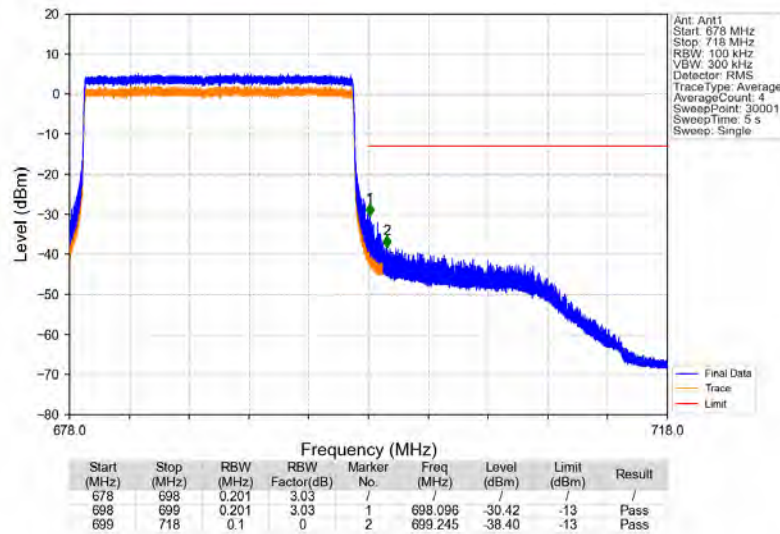


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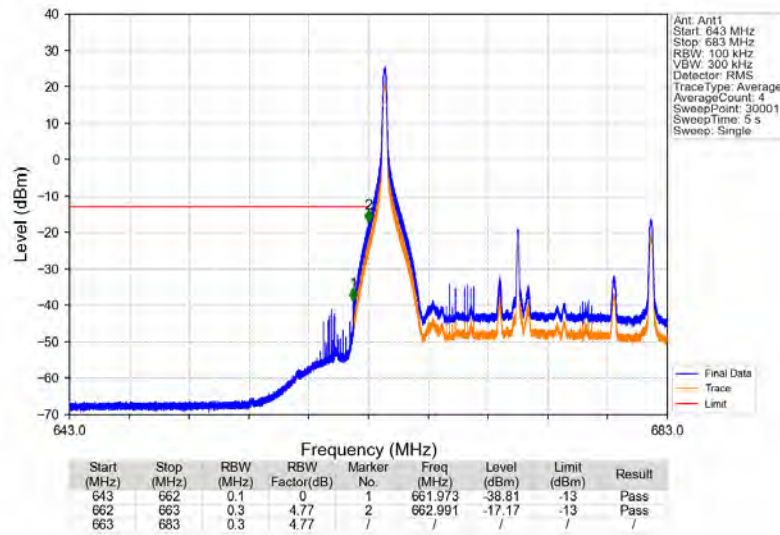
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Band71\_20MHz\_QPSK\_HCH\_688MHz\_RB\_100\_0\_NTV



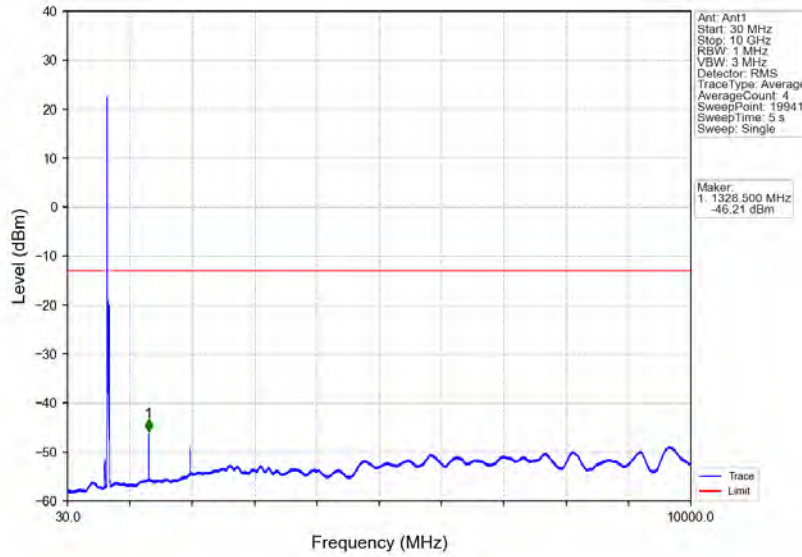
Band71\_20MHz\_16QAM\_LCH\_673MHz\_RB\_1\_0\_NTV



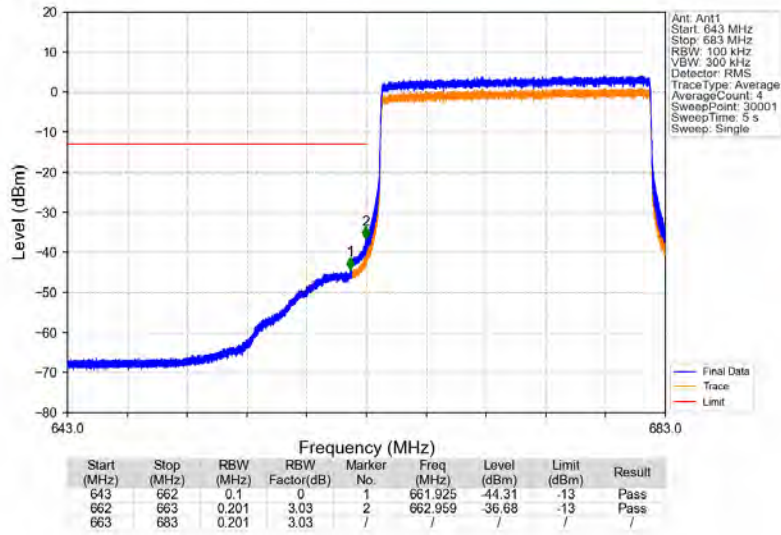
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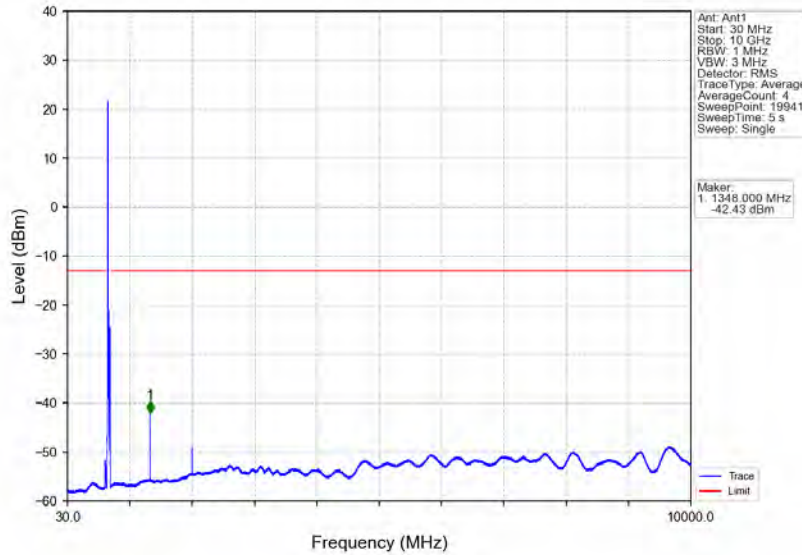
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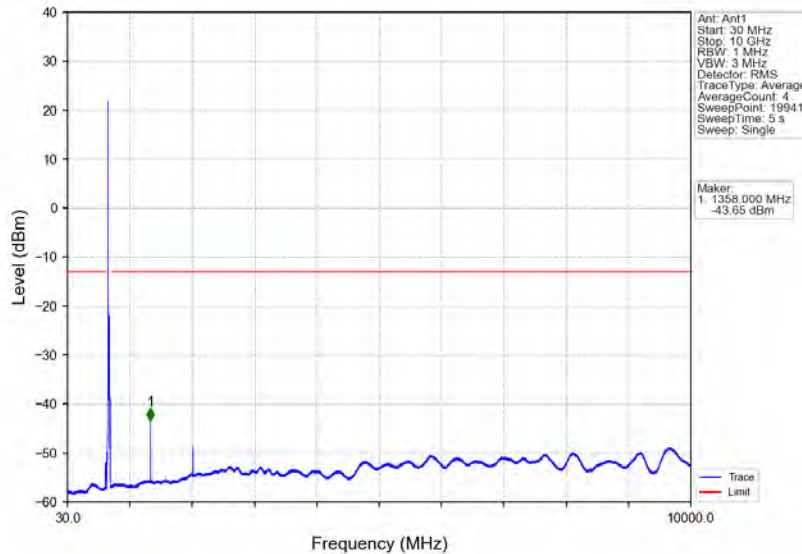
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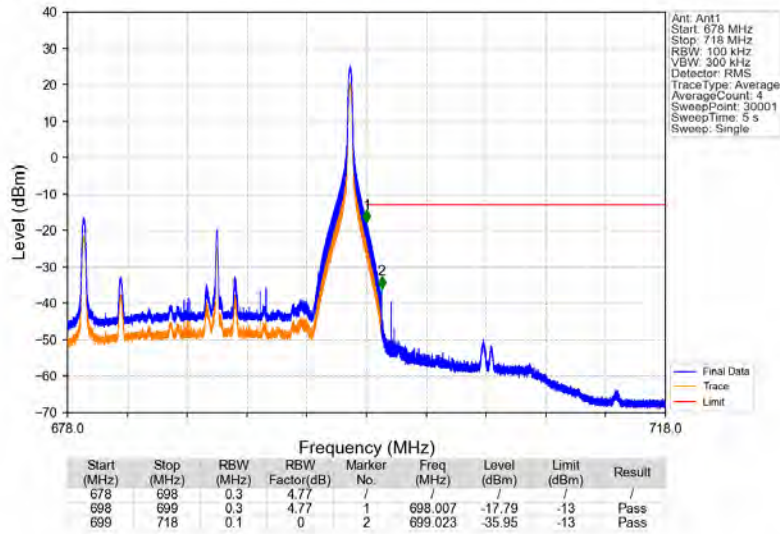
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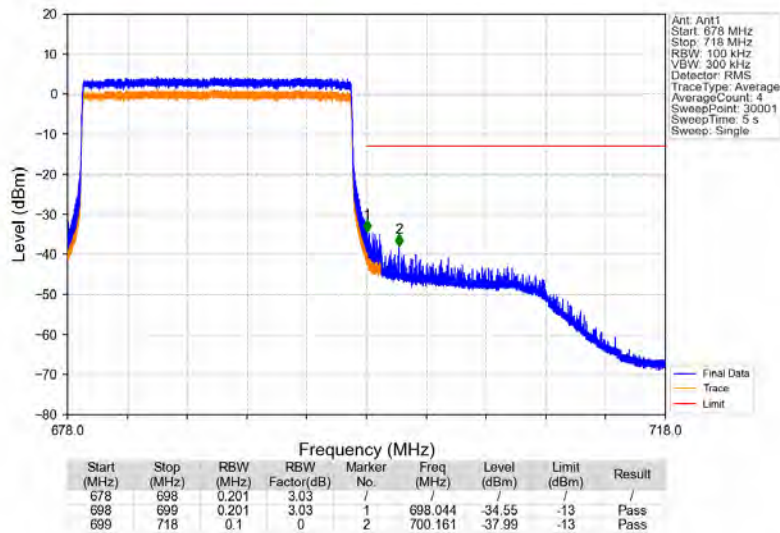
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Band71\_20MHz\_16QAM\_HCH\_688MHz\_RB\_1\_99\_NTNV



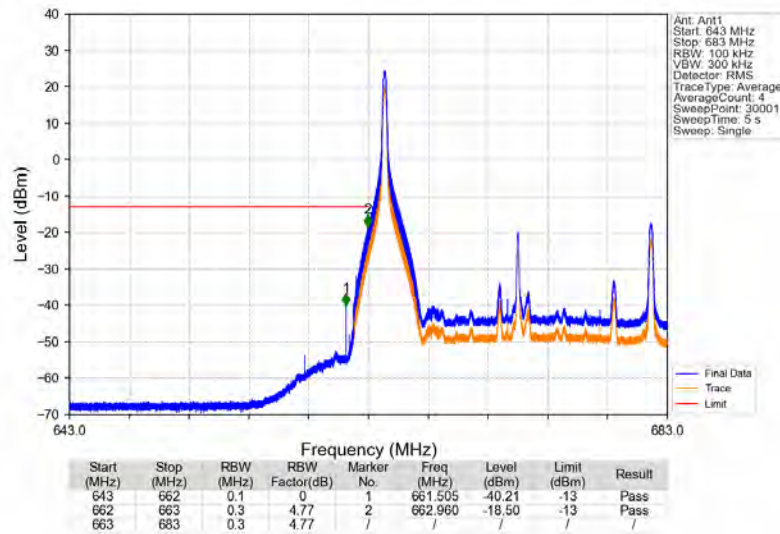
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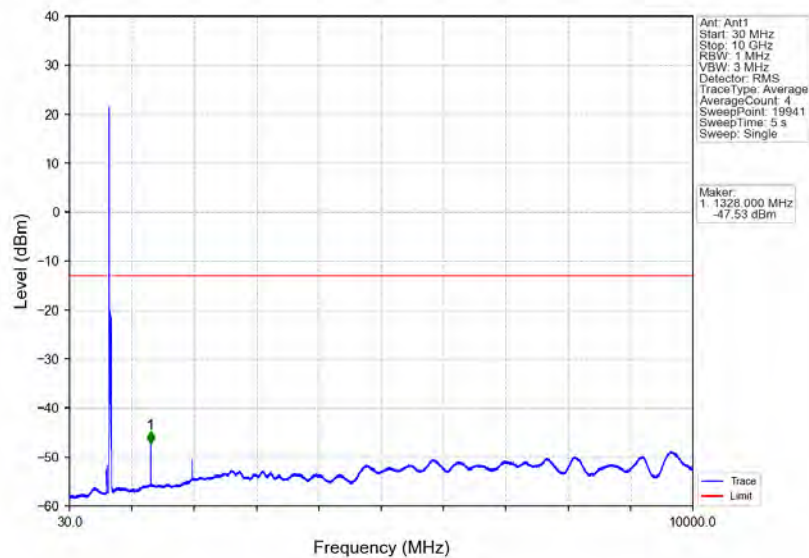
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Band71\_20MHz\_64QAM\_LCH\_673MHz\_RB\_1\_0\_NTV

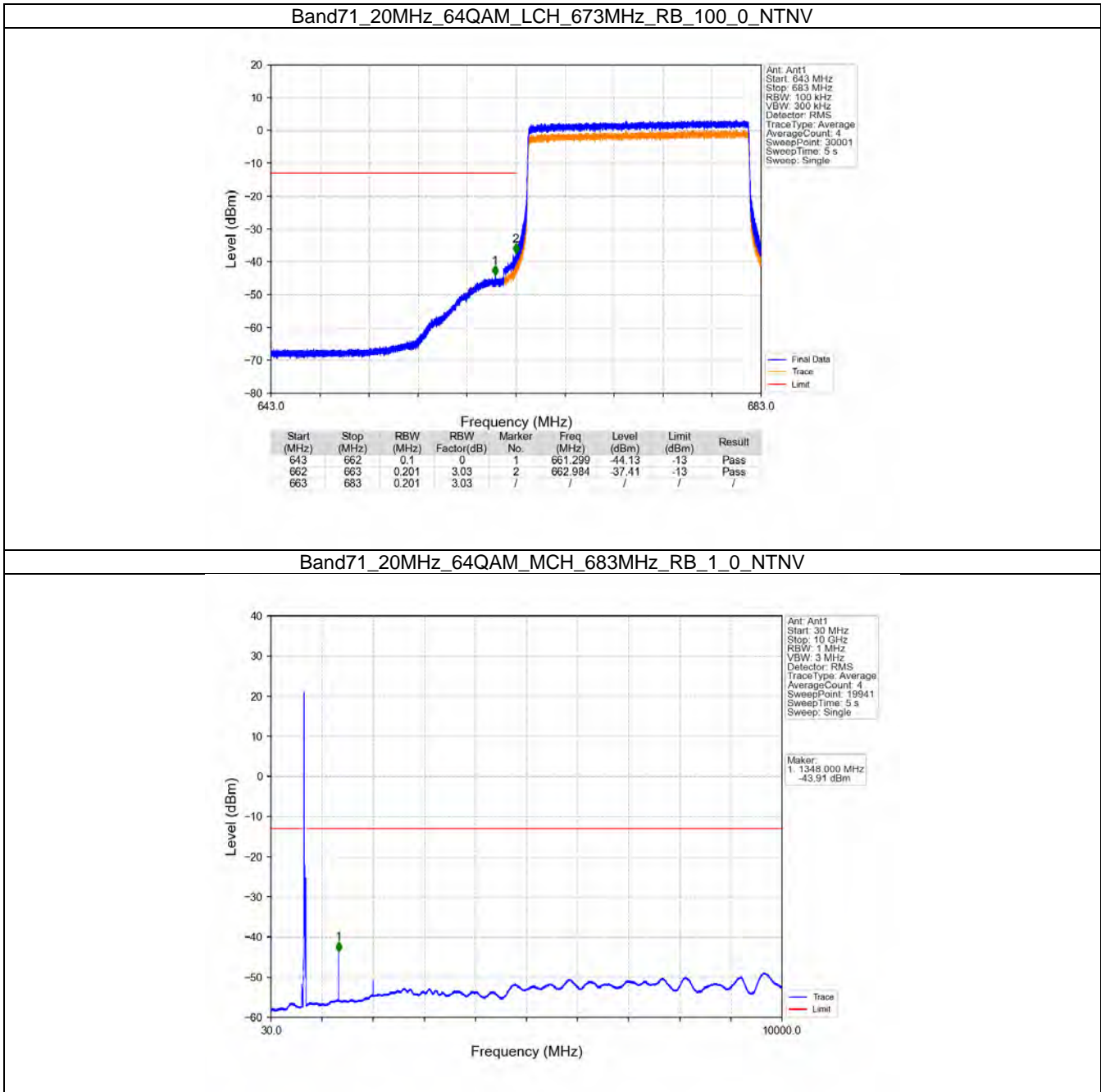


Band71\_20MHz\_64QAM\_LCH\_673MHz\_RB\_1\_0\_NTV



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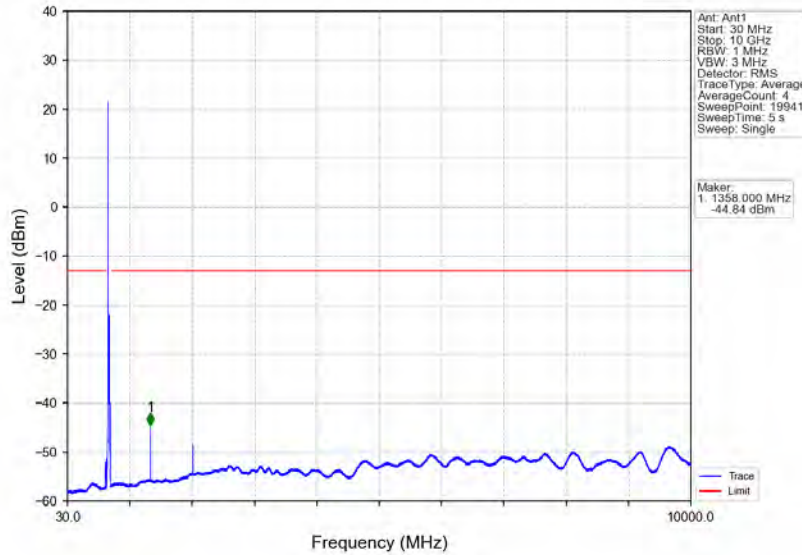
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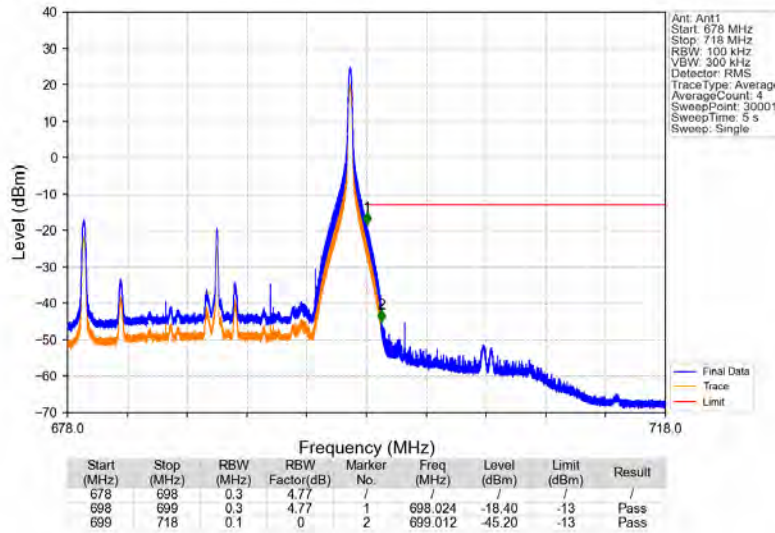
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Band71\_20MHz\_64QAM\_HCH\_688MHz\_RB\_1\_0\_NTNV

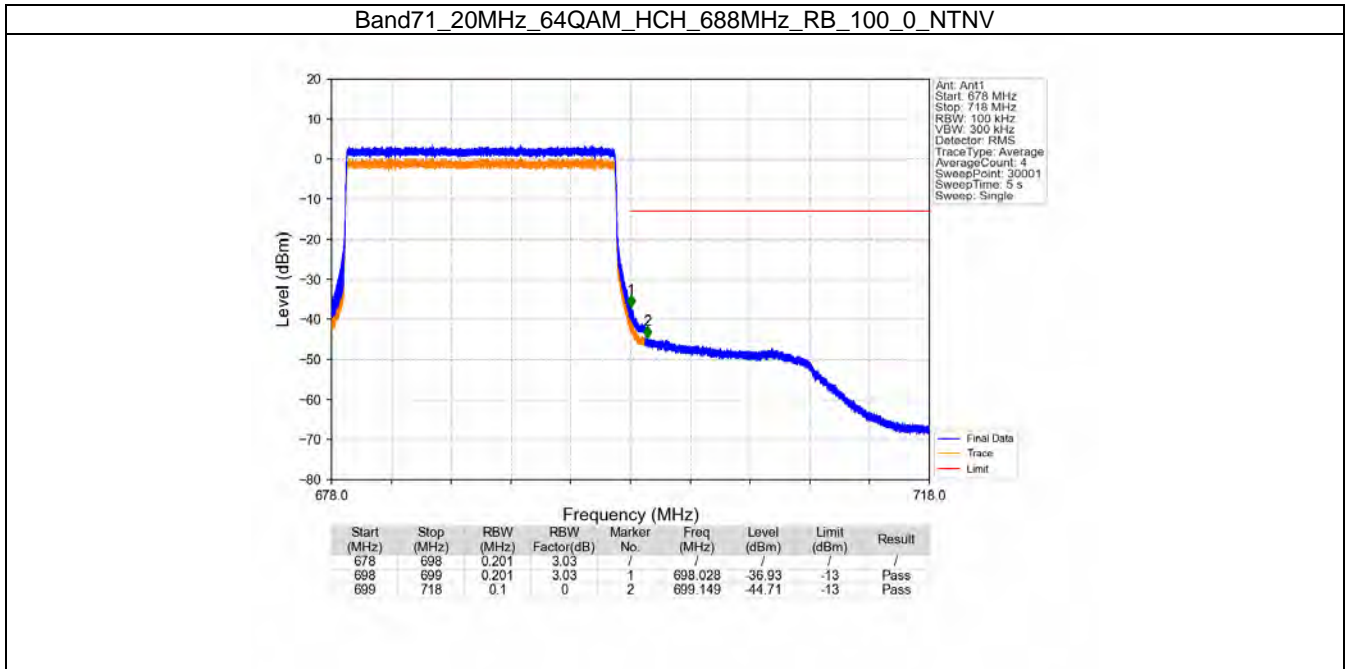


Band71\_20MHz\_64QAM\_HCH\_688MHz\_RB\_1\_99\_NTNV



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