

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B71\_5MHz\_ERP

### 1.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	665.5	1	0	22.64	0.44	20.93	<=34.77	Pass		
			13	22.79	0.44	21.08	<=34.77	Pass		
			24	22.71	0.44	21.00	<=34.77	Pass		
		12	0	21.67	0.44	19.96	<=34.77	Pass		
			6	21.80	0.44	20.09	<=34.77	Pass		
			13	21.77	0.44	20.06	<=34.77	Pass		
		25	0	21.74	0.44	20.03	<=34.77	Pass		
		680.5	1	0	22.74	0.44	21.03	<=34.77	Pass	
				13	22.89	0.44	21.18	<=34.77	Pass	
	24			22.76	0.44	21.05	<=34.77	Pass		
	12		0	21.78	0.44	20.07	<=34.77	Pass		
			6	21.83	0.44	20.12	<=34.77	Pass		
			13	21.71	0.44	20.00	<=34.77	Pass		
	25	0	21.75	0.44	20.04	<=34.77	Pass			
	695.5	1	0	22.74	0.44	21.03	<=34.77	Pass		
			13	22.96	0.44	21.25	<=34.77	Pass		
			24	22.90	0.44	21.19	<=34.77	Pass		
		12	0	21.81	0.44	20.10	<=34.77	Pass		
			6	21.91	0.44	20.20	<=34.77	Pass		
			13	21.81	0.44	20.10	<=34.77	Pass		
		25	0	21.83	0.44	20.12	<=34.77	Pass		
		16QAM	665.5	1	0	21.84	0.44	20.13	<=34.77	Pass
					13	21.94	0.44	20.23	<=34.77	Pass
	24				21.87	0.44	20.16	<=34.77	Pass	
12	0			20.65	0.44	18.94	<=34.77	Pass		
	6			20.80	0.44	19.09	<=34.77	Pass		
	13			20.74	0.44	19.03	<=34.77	Pass		
25	0			20.72	0.44	19.01	<=34.77	Pass		
680.5	1			0	21.94	0.44	20.23	<=34.77	Pass	
				13	21.98	0.44	20.27	<=34.77	Pass	
			24	21.88	0.44	20.17	<=34.77	Pass		
	12		0	20.68	0.44	18.97	<=34.77	Pass		
			6	20.70	0.44	18.99	<=34.77	Pass		
			13	20.58	0.44	18.87	<=34.77	Pass		
25	0		20.71	0.44	19.00	<=34.77	Pass			
695.5	1		0	21.91	0.44	20.20	<=34.77	Pass		
			13	22.06	0.44	20.35	<=34.77	Pass		
			24	21.97	0.44	20.26	<=34.77	Pass		
	12		0	20.74	0.44	19.03	<=34.77	Pass		
			6	20.84	0.44	19.13	<=34.77	Pass		
			13	20.71	0.44	19.00	<=34.77	Pass		
	25		0	20.77	0.44	19.06	<=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 / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	668	1	0	22.72	0.44	21.01	<=34.77	Pass		
			25	22.98	0.44	21.27	<=34.77	Pass		
			49	22.82	0.44	21.11	<=34.77	Pass		
		25	0	21.80	0.44	20.09	<=34.77	Pass		
			13	21.87	0.44	20.16	<=34.77	Pass		
			25	21.88	0.44	20.17	<=34.77	Pass		
		50	0	21.85	0.44	20.14	<=34.77	Pass		
		680.5	1	0	22.78	0.44	21.07	<=34.77	Pass	
				25	23.03	0.44	21.32	<=34.77	Pass	
	49			22.82	0.44	21.11	<=34.77	Pass		
	25		0	21.87	0.44	20.16	<=34.77	Pass		
			13	21.85	0.44	20.14	<=34.77	Pass		
			25	21.77	0.44	20.06	<=34.77	Pass		
	50		0	21.79	0.44	20.08	<=34.77	Pass		
	693		1	0	22.65	0.44	20.94	<=34.77	Pass	
				25	22.95	0.44	21.24	<=34.77	Pass	
		49		22.91	0.44	21.20	<=34.77	Pass		
		25	0	21.88	0.44	20.17	<=34.77	Pass		
			13	21.92	0.44	20.21	<=34.77	Pass		
			25	21.83	0.44	20.12	<=34.77	Pass		
		50	0	21.88	0.44	20.17	<=34.77	Pass		
		16QAM	668	1	0	21.87	0.44	20.16	<=34.77	Pass
					25	22.06	0.44	20.35	<=34.77	Pass
	49				22.05	0.44	20.34	<=34.77	Pass	
25	0			20.73	0.44	19.02	<=34.77	Pass		
	13			20.85	0.44	19.14	<=34.77	Pass		
	25			20.87	0.44	19.16	<=34.77	Pass		
50	0			20.79	0.44	19.08	<=34.77	Pass		
680.5	1			0	21.81	0.44	20.10	<=34.77	Pass	
				25	21.95	0.44	20.24	<=34.77	Pass	
			49	21.80	0.44	20.09	<=34.77	Pass		
	25		0	20.88	0.44	19.17	<=34.77	Pass		
			13	20.82	0.44	19.11	<=34.77	Pass		
			25	20.76	0.44	19.05	<=34.77	Pass		
	50		0	20.77	0.44	19.06	<=34.77	Pass		
	693		1	0	21.88	0.44	20.17	<=34.77	Pass	
				25	22.12	0.44	20.41	<=34.77	Pass	
49				21.96	0.44	20.25	<=34.77	Pass		
25			0	20.91	0.44	19.20	<=34.77	Pass		
			13	20.96	0.44	19.25	<=34.77	Pass		
			25	20.82	0.44	19.11	<=34.77	Pass		
50			0	20.87	0.44	19.16	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

### 1.3 B71\_15MHz\_ERP

#### 1.3.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	670.5	1	0	22.55	0.44	20.84	<=34.77	Pass
			38	22.84	0.44	21.13	<=34.77	Pass
			74	22.66	0.44	20.95	<=34.77	Pass
		36	0	21.88	0.44	20.17	<=34.77	Pass
			18	21.94	0.44	20.23	<=34.77	Pass
			39	21.95	0.44	20.24	<=34.77	Pass
	75	0	21.94	0.44	20.23	<=34.77	Pass	
	680.5	1	0	22.65	0.44	20.94	<=34.77	Pass
			38	22.86	0.44	21.15	<=34.77	Pass
			74	22.64	0.44	20.93	<=34.77	Pass
		36	0	21.84	0.44	20.13	<=34.77	Pass
			18	21.97	0.44	20.26	<=34.77	Pass
			39	21.92	0.44	20.21	<=34.77	Pass
	75	0	21.86	0.44	20.15	<=34.77	Pass	
	690.5	1	0	22.56	0.44	20.85	<=34.77	Pass
			38	22.78	0.44	21.07	<=34.77	Pass
			74	22.79	0.44	21.08	<=34.77	Pass
		36	0	21.85	0.44	20.14	<=34.77	Pass
18			21.88	0.44	20.17	<=34.77	Pass	
39			21.96	0.44	20.25	<=34.77	Pass	
75	0	21.95	0.44	20.24	<=34.77	Pass		
16QAM	670.5	1	0	21.97	0.44	20.26	<=34.77	Pass
			38	22.33	0.44	20.62	<=34.77	Pass
			74	22.11	0.44	20.40	<=34.77	Pass
		36	0	20.75	0.44	19.04	<=34.77	Pass
			18	20.82	0.44	19.11	<=34.77	Pass
			39	20.86	0.44	19.15	<=34.77	Pass
	75	0	20.83	0.44	19.12	<=34.77	Pass	
	680.5	1	0	21.71	0.44	20.00	<=34.77	Pass
			38	21.81	0.44	20.10	<=34.77	Pass
			74	21.68	0.44	19.97	<=34.77	Pass
		36	0	20.76	0.44	19.05	<=34.77	Pass
			18	20.80	0.44	19.09	<=34.77	Pass
			39	20.74	0.44	19.03	<=34.77	Pass
	75	0	20.77	0.44	19.06	<=34.77	Pass	
	690.5	1	0	21.67	0.44	19.96	<=34.77	Pass
			38	22.02	0.44	20.31	<=34.77	Pass
			74	21.82	0.44	20.11	<=34.77	Pass
		36	0	20.79	0.44	19.08	<=34.77	Pass
18			20.81	0.44	19.10	<=34.77	Pass	
39			20.87	0.44	19.16	<=34.77	Pass	
75	0	20.89	0.44	19.18	<=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	22.44	0.44	20.73	<=34.77	Pass		
			50	22.95	0.44	21.24	<=34.77	Pass		
			99	22.64	0.44	20.93	<=34.77	Pass		
		50	0	21.84	0.44	20.13	<=34.77	Pass		
			25	21.84	0.44	20.13	<=34.77	Pass		
			50	21.90	0.44	20.19	<=34.77	Pass		
		100	0	21.83	0.44	20.12	<=34.77	Pass		
		683	1	0	22.49	0.44	20.78	<=34.77	Pass	
				50	23.00	0.44	21.29	<=34.77	Pass	
	99			22.60	0.44	20.89	<=34.77	Pass		
	50		0	21.86	0.44	20.15	<=34.77	Pass		
			25	21.78	0.44	20.07	<=34.77	Pass		
			50	21.83	0.44	20.12	<=34.77	Pass		
	100		0	21.81	0.44	20.10	<=34.77	Pass		
	688		1	0	22.43	0.44	20.72	<=34.77	Pass	
				50	22.83	0.44	21.12	<=34.77	Pass	
		99		22.66	0.44	20.95	<=34.77	Pass		
		50	0	21.84	0.44	20.13	<=34.77	Pass		
			25	21.82	0.44	20.11	<=34.77	Pass		
			50	21.81	0.44	20.10	<=34.77	Pass		
		100	0	21.85	0.44	20.14	<=34.77	Pass		
		16QAM	673	1	0	21.63	0.44	19.92	<=34.77	Pass
					50	22.17	0.44	20.46	<=34.77	Pass
	99				21.73	0.44	20.02	<=34.77	Pass	
50	0			20.80	0.44	19.09	<=34.77	Pass		
	25			20.82	0.44	19.11	<=34.77	Pass		
	50			20.88	0.44	19.17	<=34.77	Pass		
100	0			20.82	0.44	19.11	<=34.77	Pass		
683	1			0	21.70	0.44	19.99	<=34.77	Pass	
				50	21.97	0.44	20.26	<=34.77	Pass	
			99	21.81	0.44	20.10	<=34.77	Pass		
	50		0	20.82	0.44	19.11	<=34.77	Pass		
			25	20.75	0.44	19.04	<=34.77	Pass		
			50	20.81	0.44	19.10	<=34.77	Pass		
	100		0	20.80	0.44	19.09	<=34.77	Pass		
	688		1	0	21.72	0.44	20.01	<=34.77	Pass	
				50	22.22	0.44	20.51	<=34.77	Pass	
99				21.87	0.44	20.16	<=34.77	Pass		
50			0	20.82	0.44	19.11	<=34.77	Pass		
			25	20.83	0.44	19.12	<=34.77	Pass		
			50	20.85	0.44	19.14	<=34.77	Pass		
100			0	20.79	0.44	19.08	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

## 2. Frequency Stability

### 2.1 B71\_5MHz

#### 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	3.27	-6.580	-0.0099	-2.5 to 2.5	Pass
					3.85	-7.539	-0.0113	-2.5 to 2.5	Pass
					4.43	-8.068	-0.0121	-2.5 to 2.5	Pass
				-30	3.85	-7.796	-0.0117	-2.5 to 2.5	Pass
				-20	3.85	-8.698	-0.0131	-2.5 to 2.5	Pass
				-10	3.85	-9.313	-0.0140	-2.5 to 2.5	Pass
				0	3.85	-2.761	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-7.710	-0.0116	-2.5 to 2.5	Pass
				30	3.85	-10.414	-0.0156	-2.5 to 2.5	Pass
				40	3.85	-7.381	-0.0111	-2.5 to 2.5	Pass
	50	3.85	-6.938	-0.0104	-2.5 to 2.5	Pass			
	680.5	25	0	20	3.27	-5.121	-0.0075	-2.5 to 2.5	Pass
					3.85	-7.067	-0.0104	-2.5 to 2.5	Pass
					4.43	-10.786	-0.0159	-2.5 to 2.5	Pass
				-30	3.85	-6.552	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-1.659	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-7.739	-0.0114	-2.5 to 2.5	Pass
				0	3.85	-7.224	-0.0106	-2.5 to 2.5	Pass
				10	3.85	-9.985	-0.0147	-2.5 to 2.5	Pass
				30	3.85	-8.898	-0.0131	-2.5 to 2.5	Pass
				40	3.85	-3.819	-0.0056	-2.5 to 2.5	Pass
	50	3.85	-6.223	-0.0091	-2.5 to 2.5	Pass			
	695.5	25	0	20	3.27	-9.527	-0.0137	-2.5 to 2.5	Pass
					3.85	-10.157	-0.0146	-2.5 to 2.5	Pass
					4.43	-4.220	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-8.254	-0.0119	-2.5 to 2.5	Pass
				-20	3.85	-8.297	-0.0119	-2.5 to 2.5	Pass
				-10	3.85	-4.091	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-6.351	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-7.339	-0.0106	-2.5 to 2.5	Pass
30				3.85	-5.736	-0.0082	-2.5 to 2.5	Pass	
40				3.85	-6.852	-0.0099	-2.5 to 2.5	Pass	
50	3.85	-10.214	-0.0147	-2.5 to 2.5	Pass				
16QAM	665.5	25	0	20	3.27	-4.706	-0.0071	-2.5 to 2.5	Pass
					3.85	-8.311	-0.0125	-2.5 to 2.5	Pass
					4.43	-8.039	-0.0121	-2.5 to 2.5	Pass
				-30	3.85	-7.725	-0.0116	-2.5 to 2.5	Pass
				-20	3.85	-6.065	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-8.669	-0.0130	-2.5 to 2.5	Pass
				0	3.85	-7.367	-0.0111	-2.5 to 2.5	Pass
				10	3.85	-6.022	-0.0090	-2.5 to 2.5	Pass
				30	3.85	-6.266	-0.0094	-2.5 to 2.5	Pass
				40	3.85	-8.526	-0.0128	-2.5 to 2.5	Pass
	50	3.85	-2.832	-0.0043	-2.5 to 2.5	Pass			
	680.5	25	0	20	3.27	-7.396	-0.0109	-2.5 to 2.5	Pass
					3.85	-12.045	-0.0177	-2.5 to 2.5	Pass

					4.43	-12.031	-0.0177	-2.5 to 2.5	Pass			
				-30	3.85	-11.129	-0.0164	-2.5 to 2.5	Pass			
				-20	3.85	-8.125	-0.0119	-2.5 to 2.5	Pass			
				-10	3.85	-8.311	-0.0122	-2.5 to 2.5	Pass			
				0	3.85	-8.941	-0.0131	-2.5 to 2.5	Pass			
				10	3.85	-6.623	-0.0097	-2.5 to 2.5	Pass			
				30	3.85	-4.678	-0.0069	-2.5 to 2.5	Pass			
				40	3.85	-2.174	-0.0032	-2.5 to 2.5	Pass			
				50	3.85	-6.237	-0.0092	-2.5 to 2.5	Pass			
	695.5	25	0	20	3.27	-9.942	-0.0143	-2.5 to 2.5	Pass			
								3.85	-5.994	-0.0086	-2.5 to 2.5	Pass
								4.43	-8.826	-0.0127	-2.5 to 2.5	Pass
							-30	3.85	-8.569	-0.0123	-2.5 to 2.5	Pass
							-20	3.85	-7.424	-0.0107	-2.5 to 2.5	Pass
							-10	3.85	-6.423	-0.0092	-2.5 to 2.5	Pass
							0	3.85	-5.536	-0.0080	-2.5 to 2.5	Pass
							10	3.85	-8.397	-0.0121	-2.5 to 2.5	Pass
							30	3.85	-9.742	-0.0140	-2.5 to 2.5	Pass
							40	3.85	-7.768	-0.0112	-2.5 to 2.5	Pass
							50	3.85	-9.542	-0.0137	-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	3.27	-7.367	-0.0110	-2.5 to 2.5	Pass				
						3.85	-6.323	-0.0095	-2.5 to 2.5	Pass			
						4.43	-5.178	-0.0078	-2.5 to 2.5	Pass			
								-30	3.85	-5.493	-0.0082	-2.5 to 2.5	Pass
								-20	3.85	-9.828	-0.0147	-2.5 to 2.5	Pass
								-10	3.85	-5.193	-0.0078	-2.5 to 2.5	Pass
								0	3.85	-5.407	-0.0081	-2.5 to 2.5	Pass
								10	3.85	-6.595	-0.0099	-2.5 to 2.5	Pass
								30	3.85	-7.324	-0.0110	-2.5 to 2.5	Pass
								40	3.85	-6.809	-0.0102	-2.5 to 2.5	Pass
								50	3.85	-3.819	-0.0057	-2.5 to 2.5	Pass
					680.5	50	0	20	3.27	-7.052	-0.0104	-2.5 to 2.5	Pass
									3.85	-8.726	-0.0128	-2.5 to 2.5	Pass
									4.43	-9.170	-0.0135	-2.5 to 2.5	Pass
								-30	3.85	-10.285	-0.0151	-2.5 to 2.5	Pass
								-20	3.85	-8.740	-0.0128	-2.5 to 2.5	Pass
								-10	3.85	-7.753	-0.0114	-2.5 to 2.5	Pass
								0	3.85	-9.871	-0.0145	-2.5 to 2.5	Pass
								10	3.85	-10.242	-0.0151	-2.5 to 2.5	Pass
								30	3.85	-9.799	-0.0144	-2.5 to 2.5	Pass
								40	3.85	-8.426	-0.0124	-2.5 to 2.5	Pass
								50	3.85	-9.055	-0.0133	-2.5 to 2.5	Pass
		693	50	0				20	3.27	-2.589	-0.0037	-2.5 to 2.5	Pass
									3.85	-5.422	-0.0078	-2.5 to 2.5	Pass
									4.43	-10.800	-0.0156	-2.5 to 2.5	Pass
								-30	3.85	-5.980	-0.0086	-2.5 to 2.5	Pass
								-20	3.85	-10.457	-0.0151	-2.5 to 2.5	Pass

				-10	3.85	-8.254	-0.0119	-2.5 to 2.5	Pass			
				0	3.85	-10.157	-0.0147	-2.5 to 2.5	Pass			
				10	3.85	-3.576	-0.0052	-2.5 to 2.5	Pass			
				30	3.85	-9.227	-0.0133	-2.5 to 2.5	Pass			
				40	3.85	-11.473	-0.0166	-2.5 to 2.5	Pass			
				50	3.85	-6.108	-0.0088	-2.5 to 2.5	Pass			
16QAM	668	50	0	20	3.27	-6.781	-0.0102	-2.5 to 2.5	Pass			
					3.85	-9.241	-0.0138	-2.5 to 2.5	Pass			
					4.43	-6.766	-0.0101	-2.5 to 2.5	Pass			
				-30	3.85	-8.583	-0.0128	-2.5 to 2.5	Pass			
					-20	3.85	-5.765	-0.0086	-2.5 to 2.5	Pass		
						3.85	-6.108	-0.0091	-2.5 to 2.5	Pass		
				0		3.85	-7.153	-0.0107	-2.5 to 2.5	Pass		
				10	3.85	-9.642	-0.0144	-2.5 to 2.5	Pass			
					30	3.85	-11.015	-0.0165	-2.5 to 2.5	Pass		
						3.85	-5.579	-0.0084	-2.5 to 2.5	Pass		
				50		3.85	-6.781	-0.0102	-2.5 to 2.5	Pass		
				680.5	50	0	20	3.27	-11.501	-0.0169	-2.5 to 2.5	Pass
								3.85	-4.807	-0.0071	-2.5 to 2.5	Pass
								4.43	-2.575	-0.0038	-2.5 to 2.5	Pass
							-30	3.85	-4.778	-0.0070	-2.5 to 2.5	Pass
	-20	3.85	-3.161					-0.0046	-2.5 to 2.5	Pass		
		3.85	-10.529					-0.0155	-2.5 to 2.5	Pass		
		0	3.85				-9.098	-0.0134	-2.5 to 2.5	Pass		
	10	3.85	-10.629				-0.0156	-2.5 to 2.5	Pass			
		30	3.85				-9.685	-0.0142	-2.5 to 2.5	Pass		
			3.85				-7.553	-0.0111	-2.5 to 2.5	Pass		
	50		3.85				-7.339	-0.0108	-2.5 to 2.5	Pass		
	693	50	0				20	3.27	-7.997	-0.0115	-2.5 to 2.5	Pass
								3.85	-10.972	-0.0158	-2.5 to 2.5	Pass
								4.43	-5.093	-0.0073	-2.5 to 2.5	Pass
							-30	3.85	-6.037	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-6.466		-0.0093	-2.5 to 2.5	Pass		
					3.85	-7.038		-0.0102	-2.5 to 2.5	Pass		
					0	3.85	-8.540	-0.0123	-2.5 to 2.5	Pass		
				10	3.85	-8.912	-0.0129	-2.5 to 2.5	Pass			
30					3.85	-12.274	-0.0177	-2.5 to 2.5	Pass			
					3.85	-9.212	-0.0133	-2.5 to 2.5	Pass			
				50	3.85	-10.986	-0.0159	-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	3.27	-2.961	-0.0044	-2.5 to 2.5	Pass	
					3.85	-8.254	-0.0123	-2.5 to 2.5	Pass	
					4.43	-7.625	-0.0114	-2.5 to 2.5	Pass	
				-30	3.85	-7.167	-0.0107	-2.5 to 2.5	Pass	
					-20	3.85	-5.121	-0.0076	-2.5 to 2.5	Pass
						3.85	-4.950	-0.0074	-2.5 to 2.5	Pass
				0		3.85	-8.883	-0.0132	-2.5 to 2.5	Pass
				10	3.85	-8.268	-0.0123	-2.5 to 2.5	Pass	

16QAM	680.5	75	0	30	3.85	-9.041	-0.0135	-2.5 to 2.5	Pass
				40	3.85	-8.554	-0.0128	-2.5 to 2.5	Pass
				50	3.85	-5.693	-0.0085	-2.5 to 2.5	Pass
				20	3.27	-8.712	-0.0128	-2.5 to 2.5	Pass
					3.85	-7.510	-0.0110	-2.5 to 2.5	Pass
					4.43	-10.886	-0.0160	-2.5 to 2.5	Pass
				-30	3.85	-3.276	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-4.921	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-6.123	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-7.896	-0.0116	-2.5 to 2.5	Pass
				10	3.85	-8.297	-0.0122	-2.5 to 2.5	Pass
				30	3.85	-3.533	-0.0052	-2.5 to 2.5	Pass
	40	3.85	-4.649	-0.0068	-2.5 to 2.5	Pass			
	50	3.85	-7.811	-0.0115	-2.5 to 2.5	Pass			
	690.5	75	0	20	3.27	-5.236	-0.0076	-2.5 to 2.5	Pass
					3.85	-5.307	-0.0077	-2.5 to 2.5	Pass
					4.43	-6.680	-0.0097	-2.5 to 2.5	Pass
				-30	3.85	-4.950	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-8.140	-0.0118	-2.5 to 2.5	Pass
				-10	3.85	-3.147	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-7.410	-0.0107	-2.5 to 2.5	Pass
				10	3.85	-3.247	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-7.482	-0.0108	-2.5 to 2.5	Pass
				40	3.85	-9.141	-0.0132	-2.5 to 2.5	Pass
				50	3.85	-5.007	-0.0073	-2.5 to 2.5	Pass
				670.5	75	0	20	3.27	-5.794
	3.85	-7.768	-0.0116					-2.5 to 2.5	Pass
	4.43	-8.726	-0.0130					-2.5 to 2.5	Pass
	-30	3.85	-4.034				-0.0060	-2.5 to 2.5	Pass
	-20	3.85	-8.798				-0.0131	-2.5 to 2.5	Pass
	-10	3.85	-3.591				-0.0054	-2.5 to 2.5	Pass
	0	3.85	-3.119				-0.0047	-2.5 to 2.5	Pass
	10	3.85	-4.191				-0.0063	-2.5 to 2.5	Pass
	30	3.85	-6.924				-0.0103	-2.5 to 2.5	Pass
	40	3.85	-8.426				-0.0126	-2.5 to 2.5	Pass
	50	3.85	-7.124				-0.0106	-2.5 to 2.5	Pass
680.5	75	0	20				3.27	-9.599	-0.0141
					3.85	-7.710	-0.0113	-2.5 to 2.5	Pass
					4.43	-10.071	-0.0148	-2.5 to 2.5	Pass
			-30		3.85	-9.828	-0.0144	-2.5 to 2.5	Pass
			-20		3.85	-7.052	-0.0104	-2.5 to 2.5	Pass
			-10		3.85	-7.024	-0.0103	-2.5 to 2.5	Pass
			0		3.85	-8.640	-0.0127	-2.5 to 2.5	Pass
			10		3.85	-7.954	-0.0117	-2.5 to 2.5	Pass
			30		3.85	-8.883	-0.0131	-2.5 to 2.5	Pass
			40		3.85	-4.034	-0.0059	-2.5 to 2.5	Pass
			50		3.85	-3.934	-0.0058	-2.5 to 2.5	Pass
			690.5		75	0	20	3.27	-8.712
3.85	-8.140	-0.0118						-2.5 to 2.5	Pass
4.43	-4.048	-0.0059		-2.5 to 2.5				Pass	
-30	3.85	-3.676		-0.0053			-2.5 to 2.5	Pass	
-20	3.85	-4.249		-0.0062			-2.5 to 2.5	Pass	
-10	3.85	-4.635		-0.0067			-2.5 to 2.5	Pass	
0	3.85	-6.166		-0.0089			-2.5 to 2.5	Pass	
10	3.85	-6.766		-0.0098			-2.5 to 2.5	Pass	
30	3.85	-7.195		-0.0104			-2.5 to 2.5	Pass	
40	3.85	-7.267		-0.0105			-2.5 to 2.5	Pass	



				50	3.85	-5.136	-0.0074	-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	3.27	-9.413	-0.0140	-2.5 to 2.5	Pass
					3.85	-7.639	-0.0114	-2.5 to 2.5	Pass
					4.43	-7.253	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	-8.512	-0.0126	-2.5 to 2.5	Pass
				-20	3.85	-7.954	-0.0118	-2.5 to 2.5	Pass
				-10	3.85	-6.394	-0.0095	-2.5 to 2.5	Pass
				0	3.85	-8.025	-0.0119	-2.5 to 2.5	Pass
				10	3.85	-6.838	-0.0102	-2.5 to 2.5	Pass
				30	3.85	-6.595	-0.0098	-2.5 to 2.5	Pass
				40	3.85	-4.363	-0.0065	-2.5 to 2.5	Pass
	50	3.85	-5.050	-0.0075	-2.5 to 2.5	Pass			
	683	100	0	20	3.27	-5.965	-0.0087	-2.5 to 2.5	Pass
					3.85	-8.898	-0.0130	-2.5 to 2.5	Pass
					4.43	-10.901	-0.0160	-2.5 to 2.5	Pass
				-30	3.85	-6.523	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-6.566	-0.0096	-2.5 to 2.5	Pass
				-10	3.85	-8.211	-0.0120	-2.5 to 2.5	Pass
				0	3.85	-7.153	-0.0105	-2.5 to 2.5	Pass
				10	3.85	-6.065	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-8.340	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-10.457	-0.0153	-2.5 to 2.5	Pass
	50	3.85	-6.022	-0.0088	-2.5 to 2.5	Pass			
	688	100	0	20	3.27	-9.856	-0.0143	-2.5 to 2.5	Pass
					3.85	-5.136	-0.0075	-2.5 to 2.5	Pass
					4.43	-8.411	-0.0122	-2.5 to 2.5	Pass
				-30	3.85	-3.276	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-8.540	-0.0124	-2.5 to 2.5	Pass
				-10	3.85	-4.849	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-10.772	-0.0157	-2.5 to 2.5	Pass
				10	3.85	-5.908	-0.0086	-2.5 to 2.5	Pass
30				3.85	-7.496	-0.0109	-2.5 to 2.5	Pass	
40				3.85	-8.883	-0.0129	-2.5 to 2.5	Pass	
50	3.85	-3.619	-0.0053	-2.5 to 2.5	Pass				
16QAM	673	100	0	20	3.27	-9.069	-0.0135	-2.5 to 2.5	Pass
					3.85	-4.506	-0.0067	-2.5 to 2.5	Pass
					4.43	-8.211	-0.0122	-2.5 to 2.5	Pass
				-30	3.85	-4.277	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-6.566	-0.0098	-2.5 to 2.5	Pass
				-10	3.85	-7.982	-0.0119	-2.5 to 2.5	Pass
				0	3.85	-2.146	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-8.683	-0.0129	-2.5 to 2.5	Pass
				30	3.85	-2.718	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-2.432	-0.0036	-2.5 to 2.5	Pass
	50	3.85	-2.718	-0.0040	-2.5 to 2.5	Pass			
	683	100	0	20	3.27	-6.509	-0.0095	-2.5 to 2.5	Pass
					3.85	-8.583	-0.0126	-2.5 to 2.5	Pass

					4.43	-8.926	-0.0131	-2.5 to 2.5	Pass			
				-30	3.85	-9.356	-0.0137	-2.5 to 2.5	Pass			
				-20	3.85	-9.127	-0.0134	-2.5 to 2.5	Pass			
				-10	3.85	-8.812	-0.0129	-2.5 to 2.5	Pass			
				0	3.85	-9.198	-0.0135	-2.5 to 2.5	Pass			
				10	3.85	-6.952	-0.0102	-2.5 to 2.5	Pass			
				30	3.85	-3.262	-0.0048	-2.5 to 2.5	Pass			
				40	3.85	-4.134	-0.0061	-2.5 to 2.5	Pass			
				50	3.85	-8.712	-0.0128	-2.5 to 2.5	Pass			
	688	100	0	20	3.27	-9.413	-0.0137	-2.5 to 2.5	Pass			
3.85					-9.499	-0.0138	-2.5 to 2.5	Pass				
4.43					-9.770	-0.0142	-2.5 to 2.5	Pass				
							-30	3.85	-9.999	-0.0145	-2.5 to 2.5	Pass
							-20	3.85	-9.856	-0.0143	-2.5 to 2.5	Pass
							-10	3.85	-8.311	-0.0121	-2.5 to 2.5	Pass
							0	3.85	-8.340	-0.0121	-2.5 to 2.5	Pass
							10	3.85	-7.668	-0.0111	-2.5 to 2.5	Pass
							30	3.85	-9.441	-0.0137	-2.5 to 2.5	Pass
							40	3.85	-8.841	-0.0129	-2.5 to 2.5	Pass
							50	3.85	-6.208	-0.0090	-2.5 to 2.5	Pass

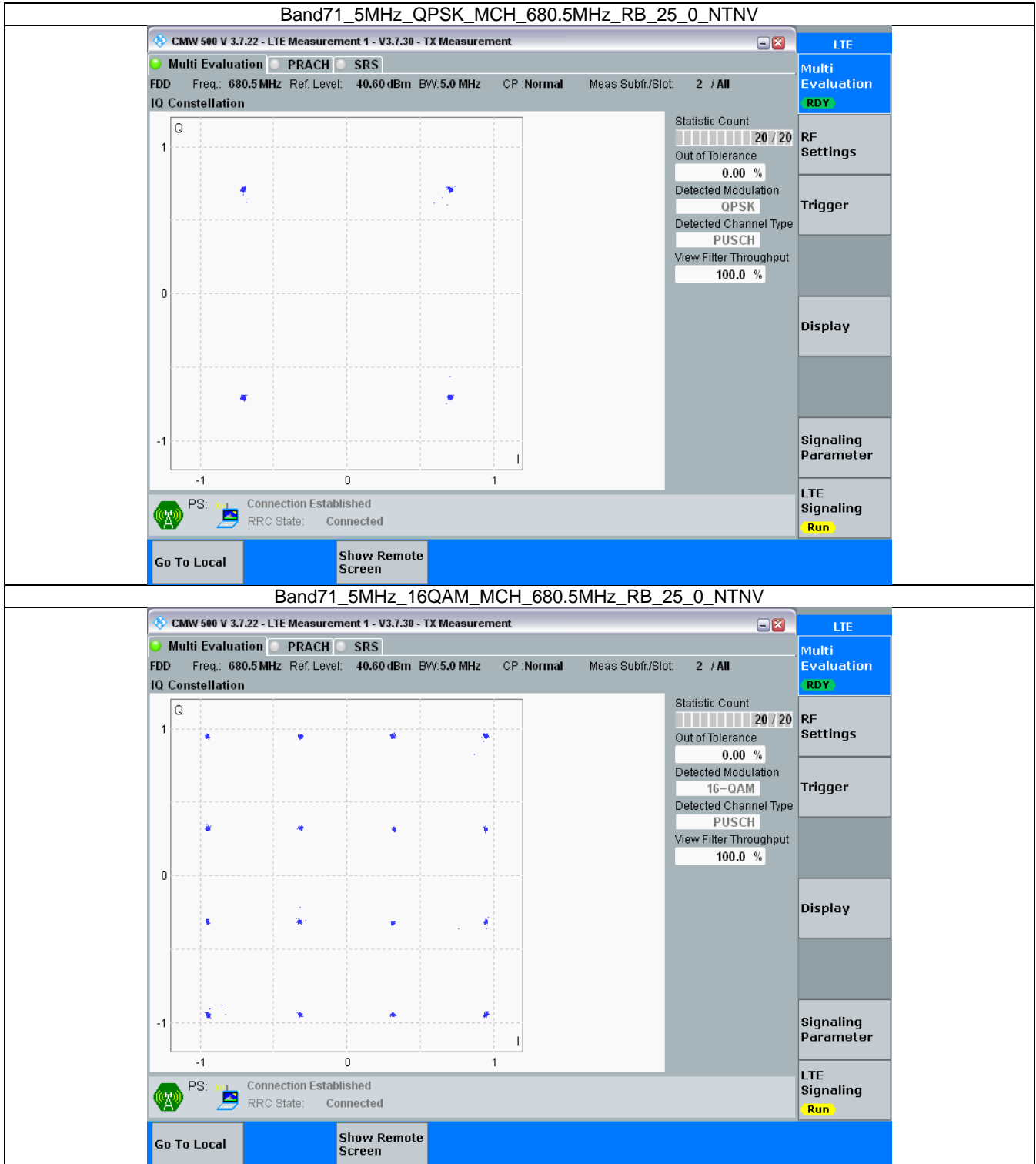
### 3. Modulation Characteristics

#### 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

### 3.1.2 Test Graph

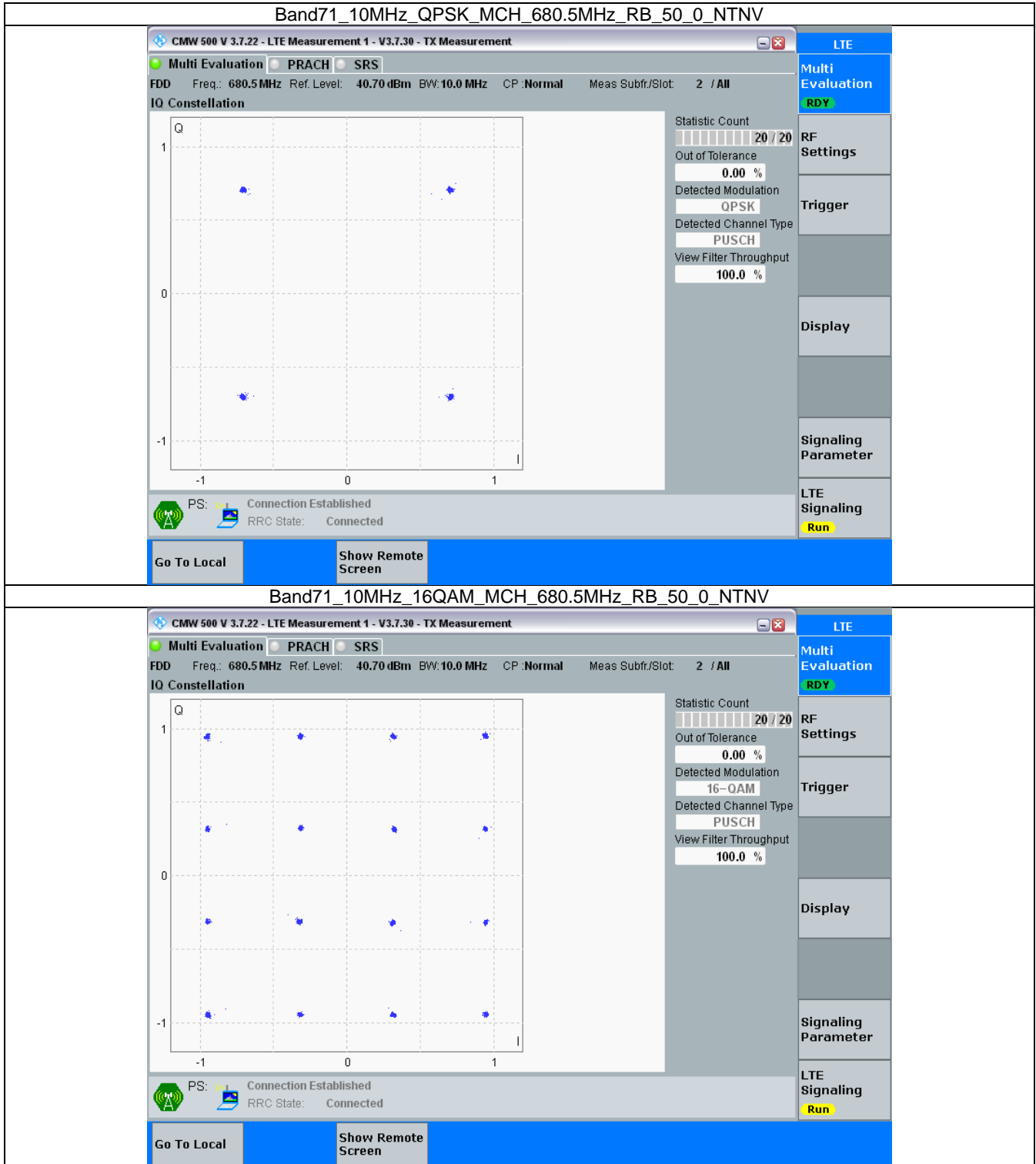


### 3.2 B71\_10MHz

#### 3.2.1 Test Result

Band: 71 / Bandwidth: 10MHz / NTNV						
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

### 3.2.2 Test Graph

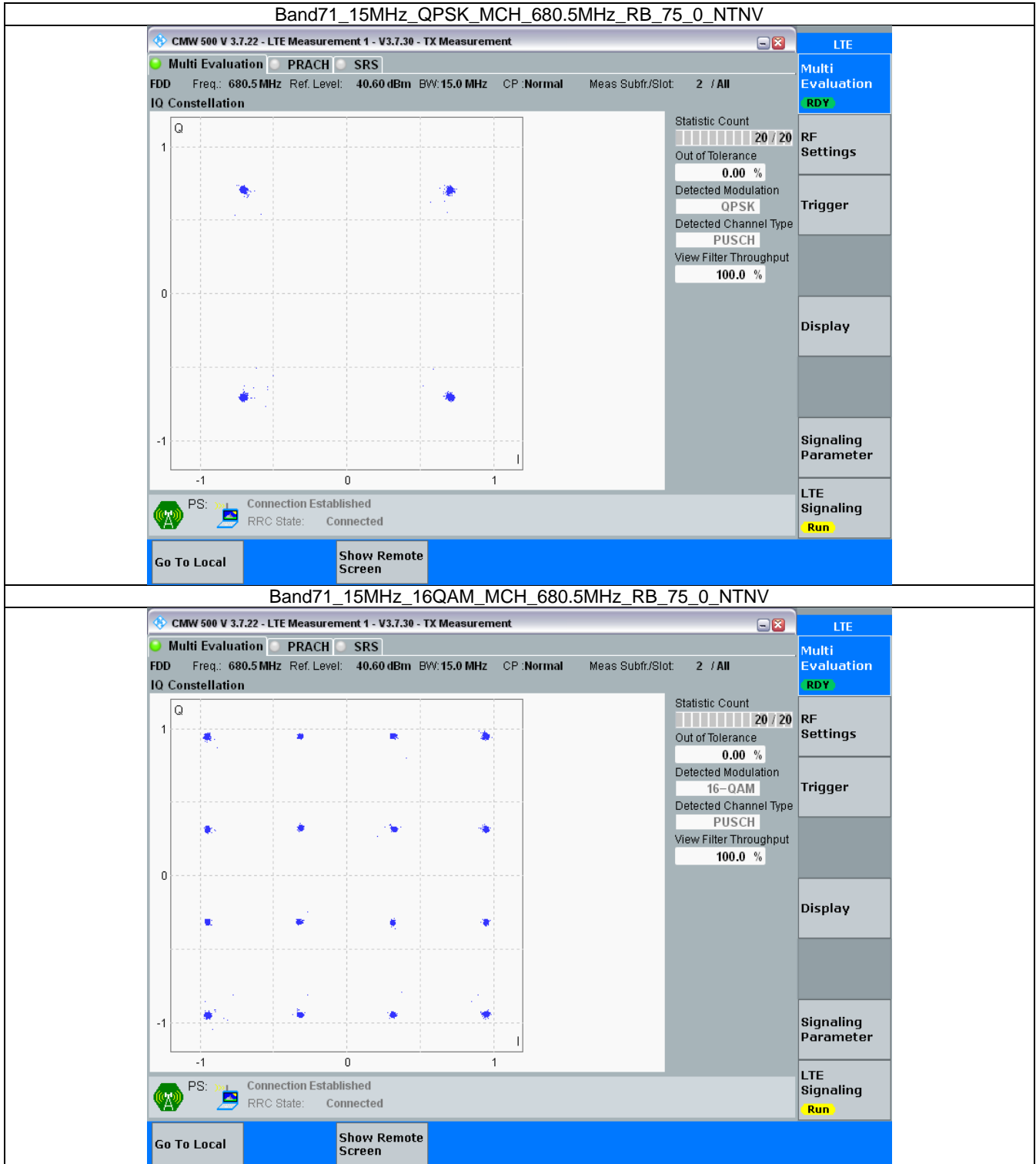


### 3.3 B71\_15MHz

#### 3.3.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTNV						
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

### 3.3.2 Test Graph



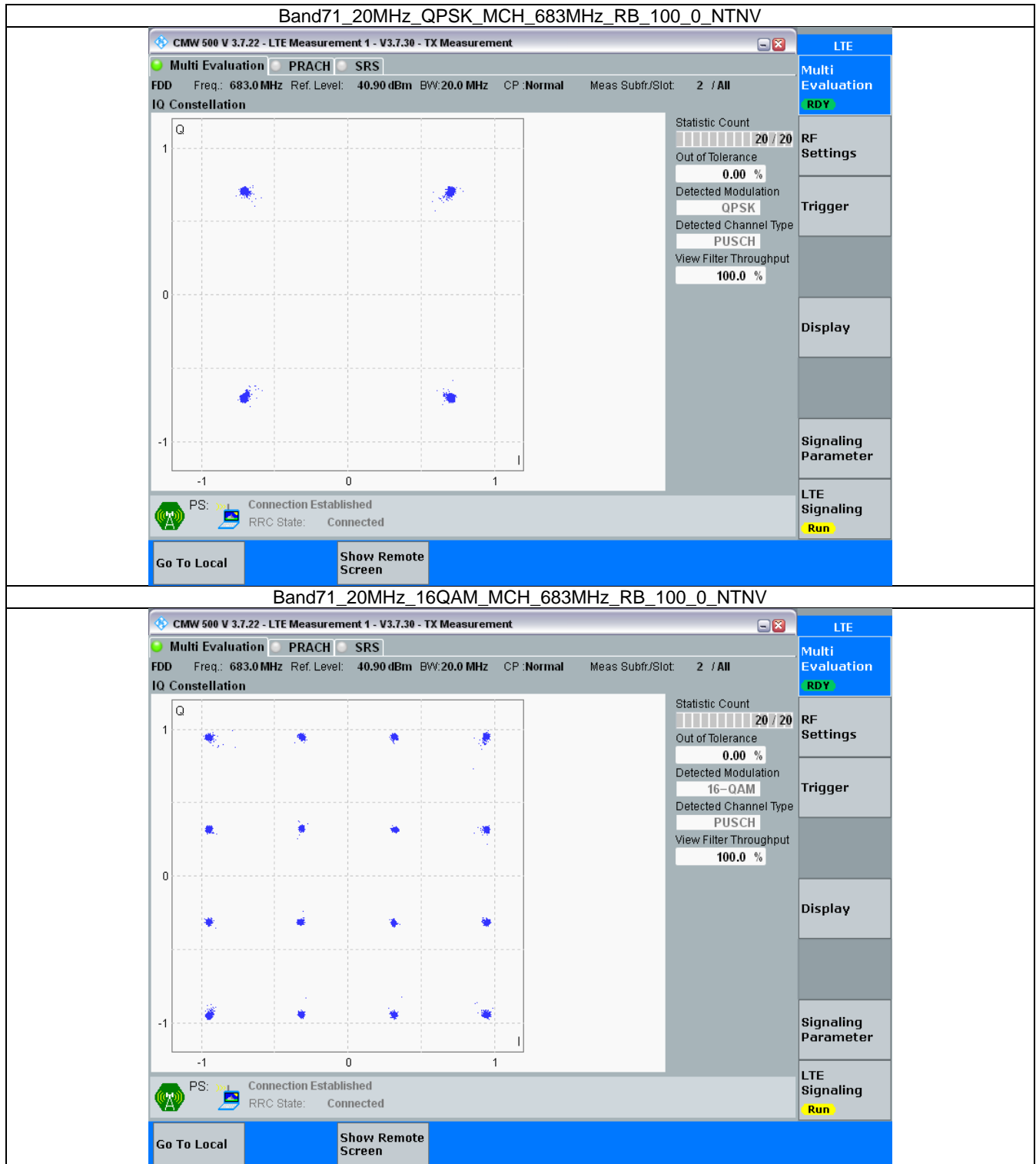
### 3.4 B71\_20MHz

#### 3.4.1 Test Result

Band: 71 / Bandwidth: 20MHz / NTNV						
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



### 3.4.2 Test Graph



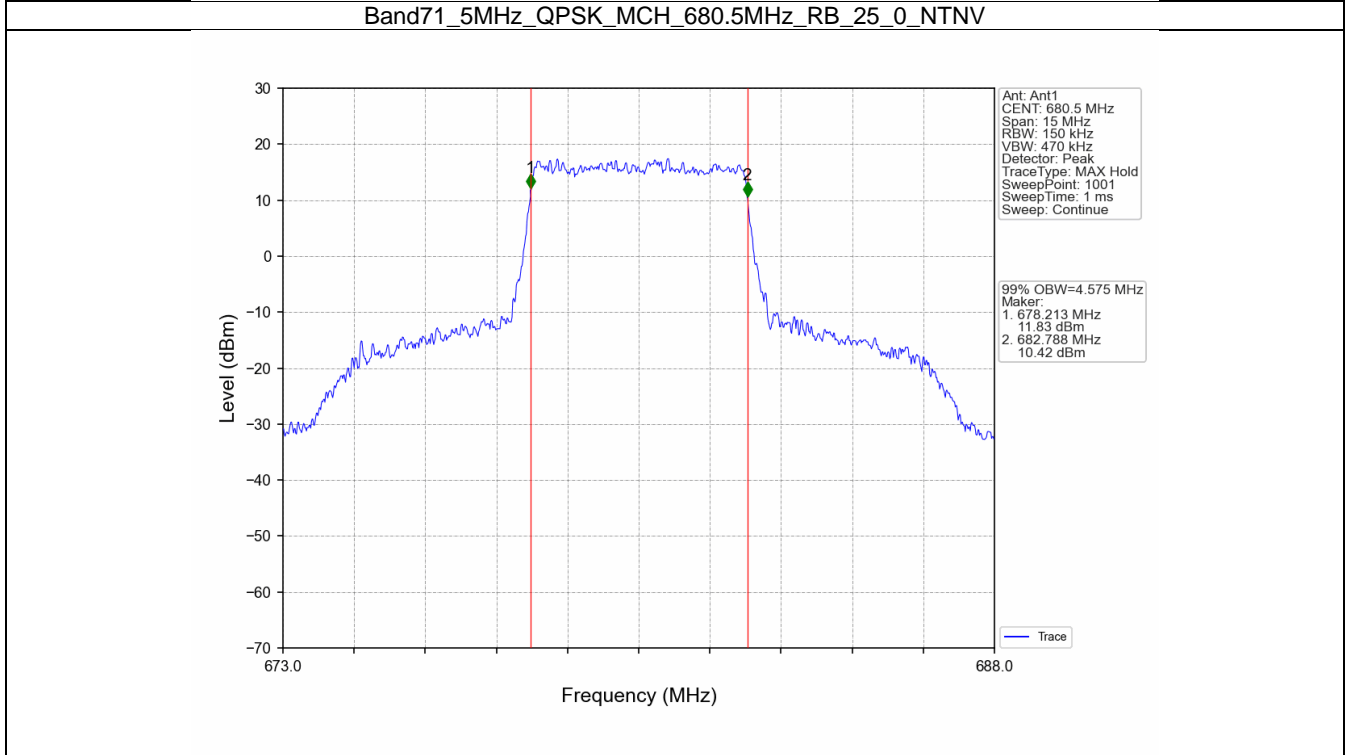
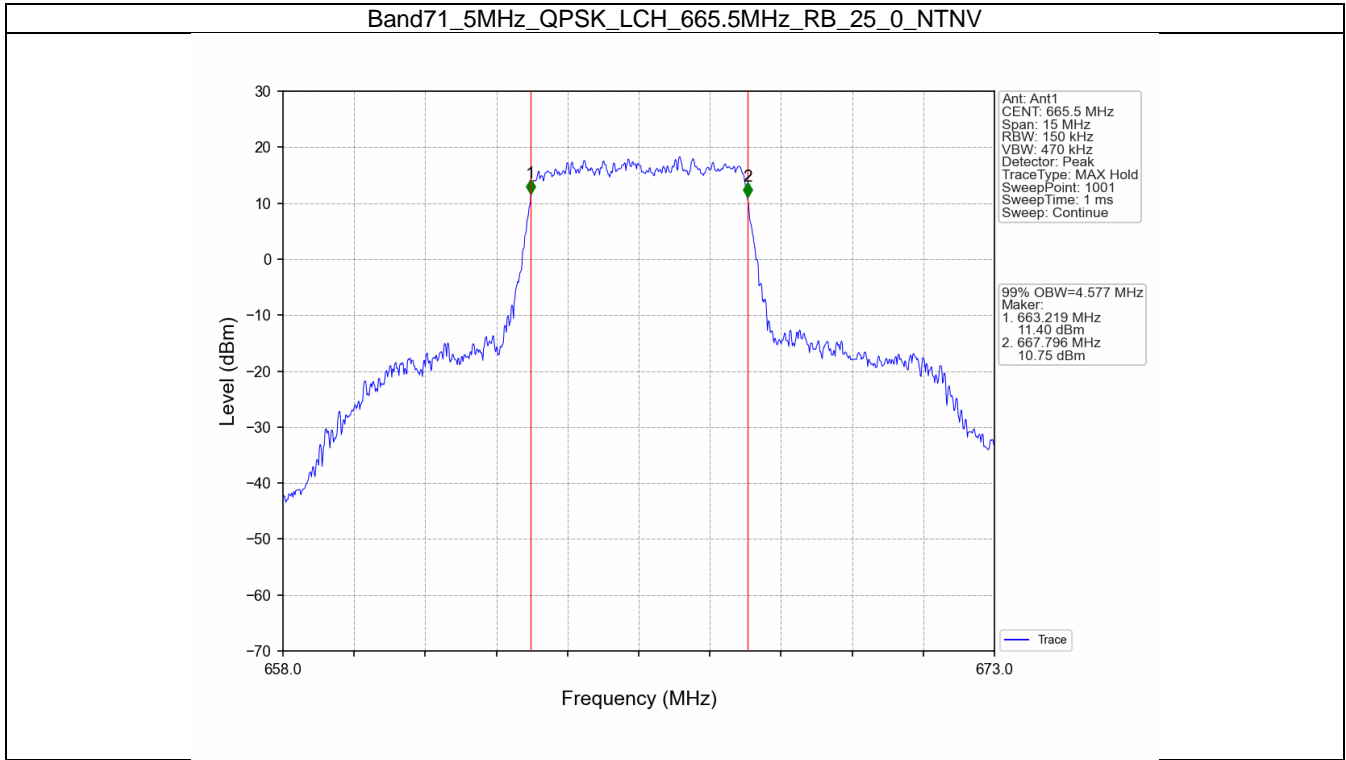
## 4. 99% & 26dB Bandwidth

### 4.1 Band71\_OBW

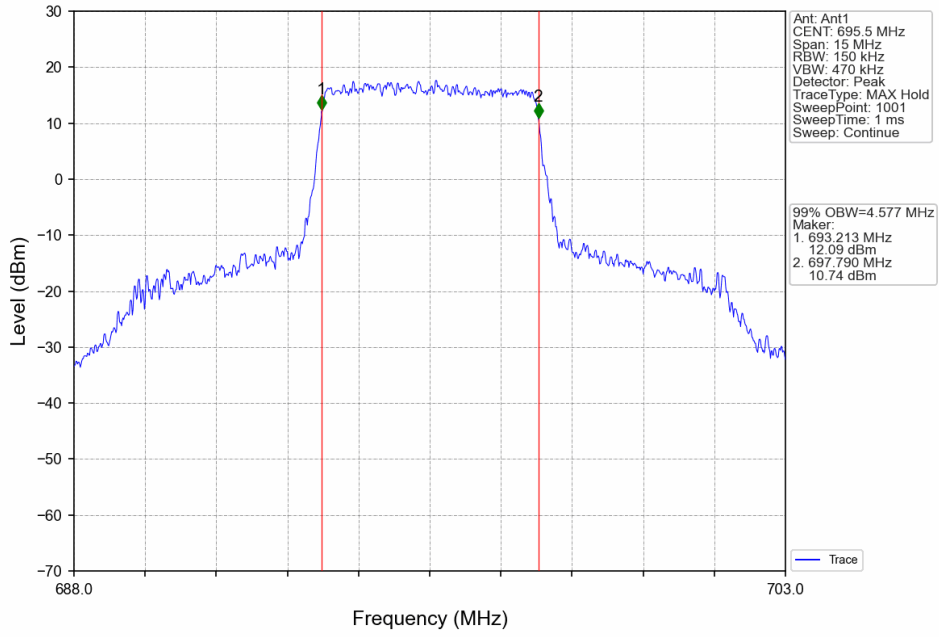
#### 4.1.1 Test Result

Band: 71 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	665.5	25	0	4.577	Pass
		680.5	25	0	4.575	Pass
		695.5	25	0	4.577	Pass
	16QAM	665.5	25	0	4.541	Pass
		680.5	25	0	4.612	Pass
		695.5	25	0	4.604	Pass
10	QPSK	668	50	0	9.082	Pass
		680.5	50	0	9.077	Pass
		693	50	0	9.113	Pass
	16QAM	668	50	0	9.055	Pass
		680.5	50	0	9.093	Pass
		693	50	0	9.095	Pass
15	QPSK	670.5	75	0	13.639	Pass
		680.5	75	0	13.598	Pass
		690.5	75	0	13.704	Pass
	16QAM	670.5	75	0	13.659	Pass
		680.5	75	0	13.662	Pass
		690.5	75	0	13.669	Pass
20	QPSK	673	100	0	18.165	Pass
		683	100	0	18.214	Pass
		688	100	0	18.206	Pass
	16QAM	673	100	0	18.221	Pass
		683	100	0	18.177	Pass
		688	100	0	18.216	Pass

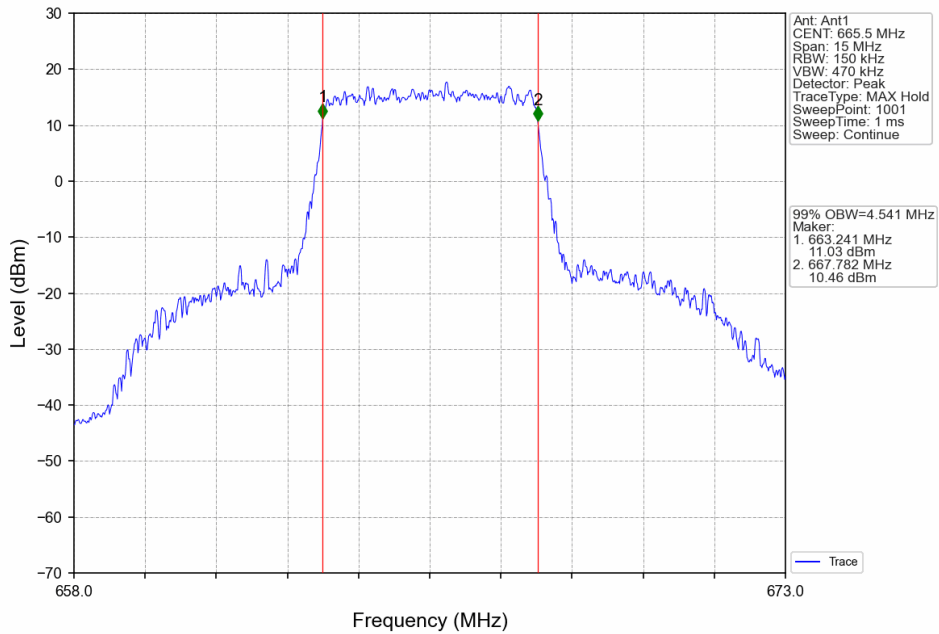
### 4.1.2 Test Graph



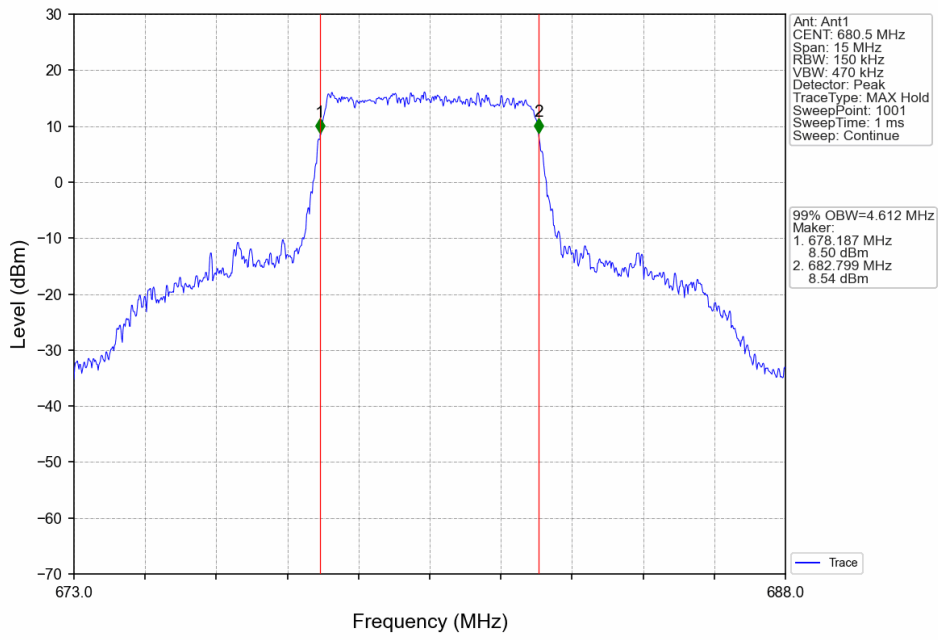
Band71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_25\_0\_NTNV



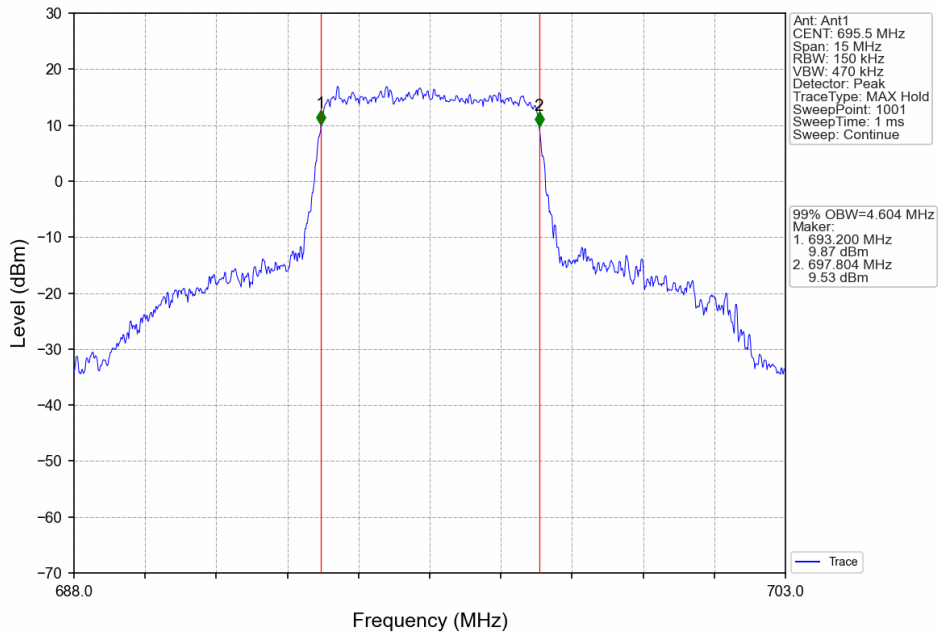
Band71\_5MHz\_16QAM\_LCH\_665.5MHz\_RB\_25\_0\_NTNV



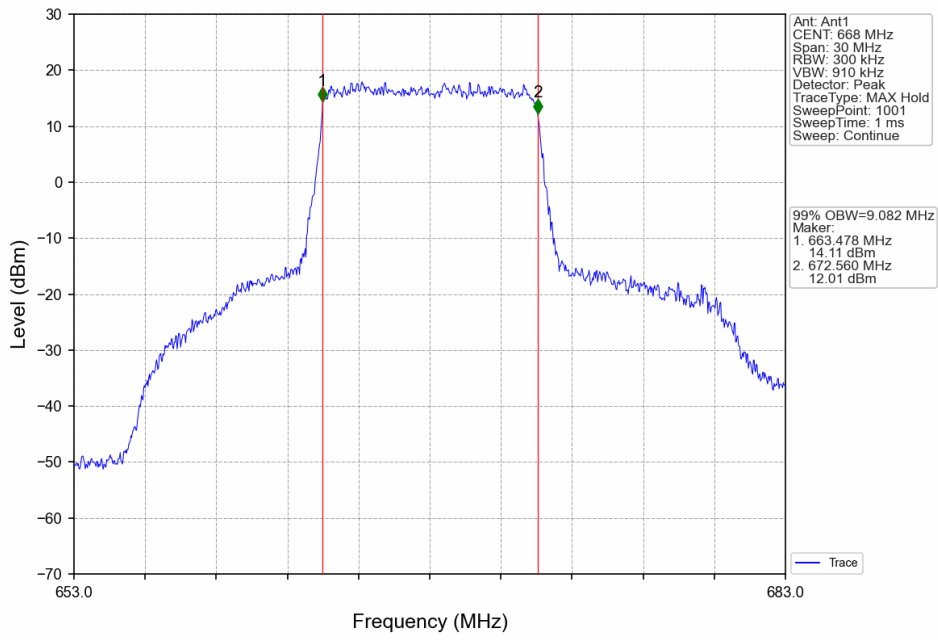
Band71\_5MHz\_16QAM\_MCH\_680.5MHz\_RB\_25\_0\_NTNV



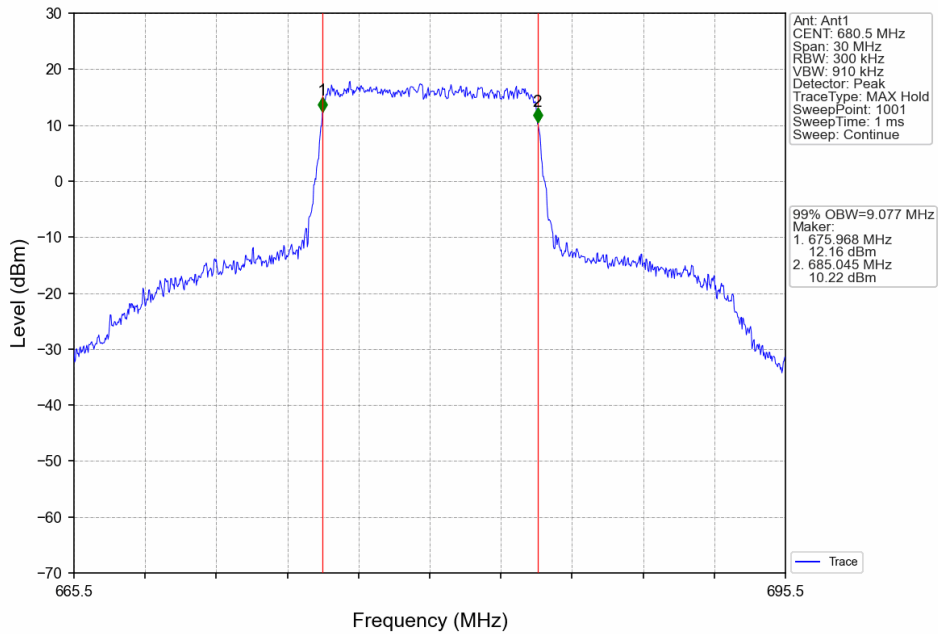
Band71\_5MHz\_16QAM\_HCH\_695.5MHz\_RB\_25\_0\_NTNV



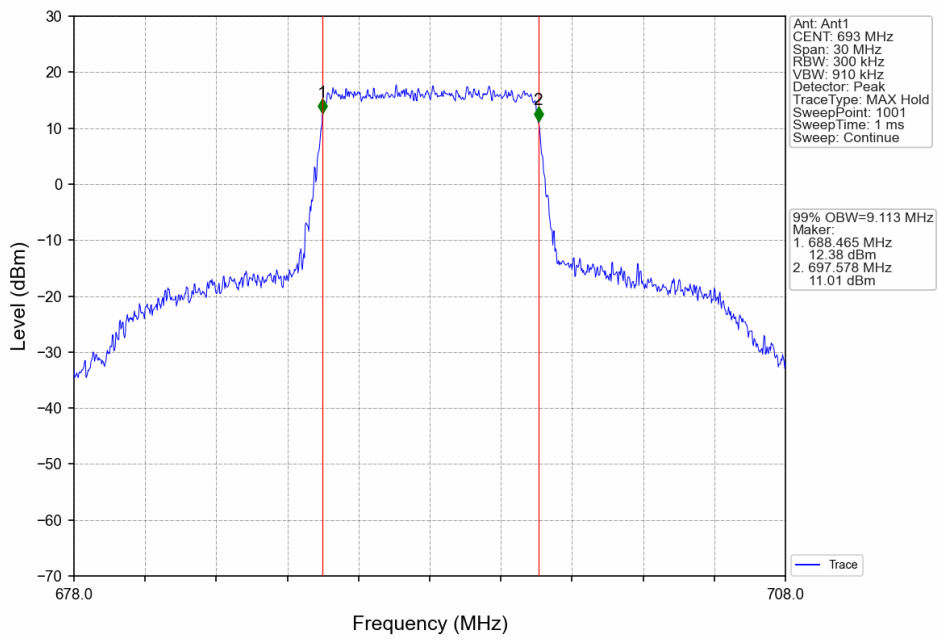
Band71\_10MHz\_QPSK\_LCH\_668MHz\_RB\_50\_0\_NTNV



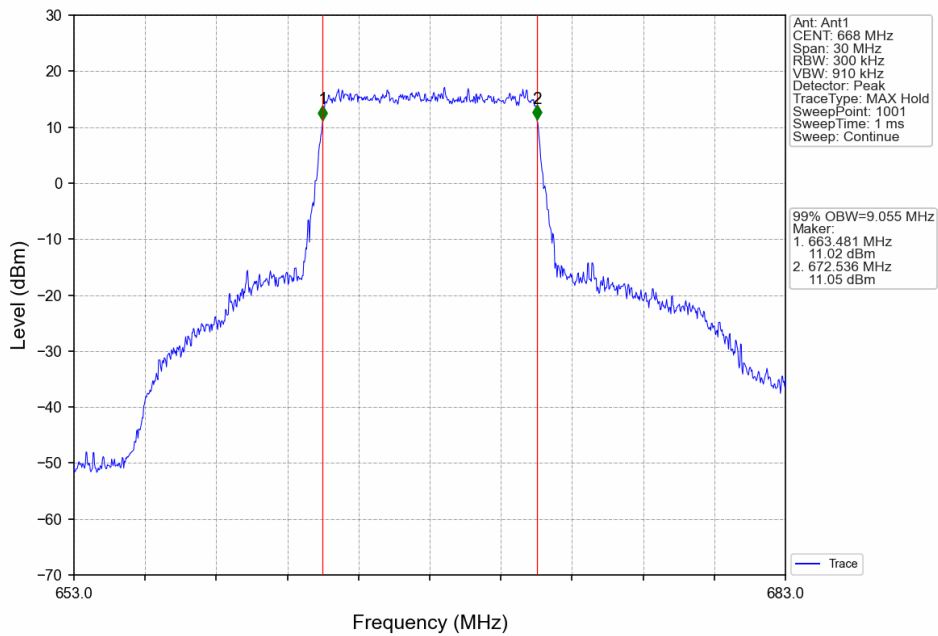
Band71\_10MHz\_QPSK\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



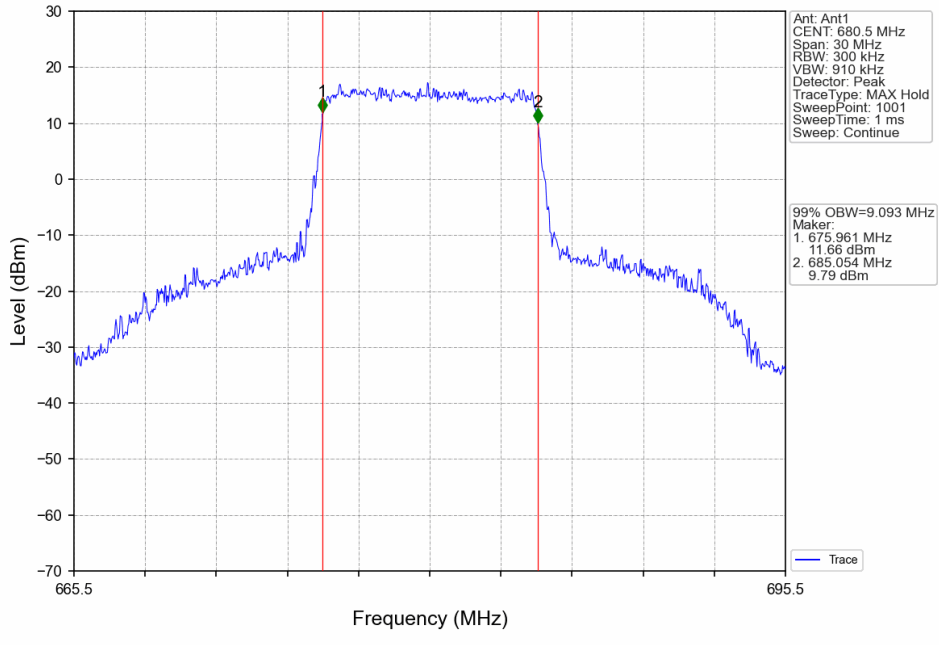
Band71\_10MHz\_QPSK\_HCH\_693MHz\_RB\_50\_0\_NTNV



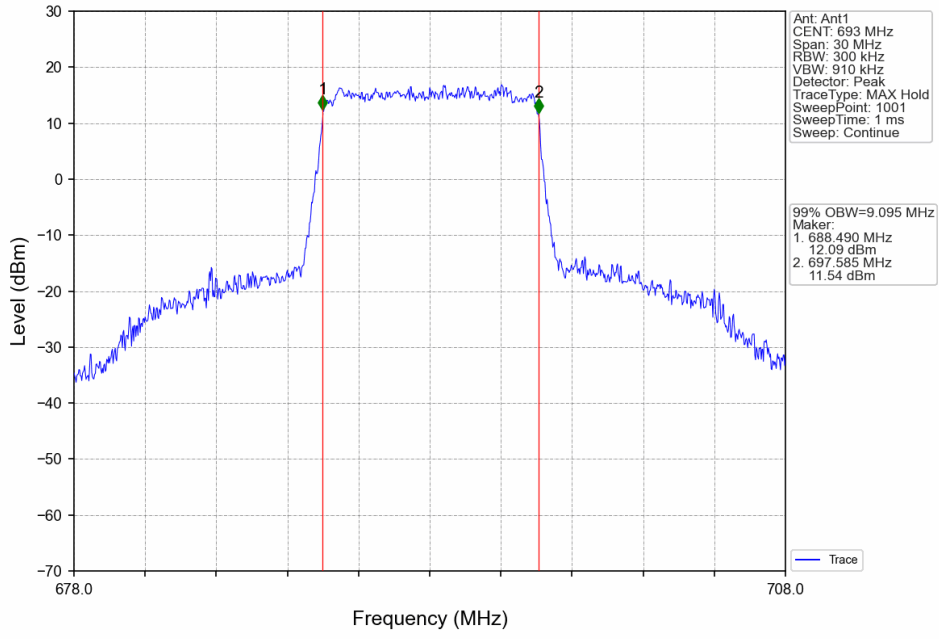
Band71\_10MHz\_16QAM\_LCH\_668MHz\_RB\_50\_0\_NTNV



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

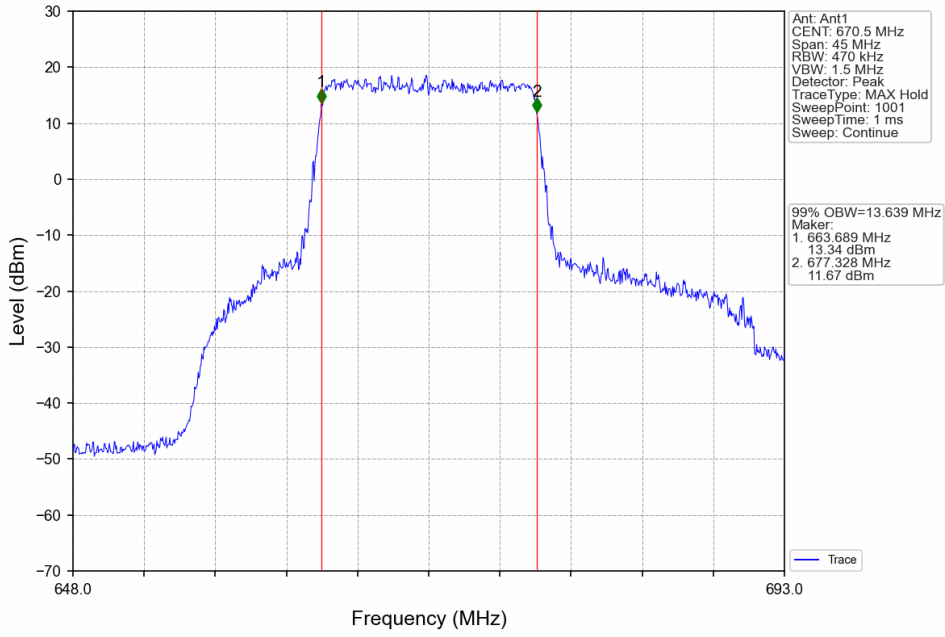


Band71\_10MHz\_16QAM\_HCH\_693MHz\_RB\_50\_0\_NTNV

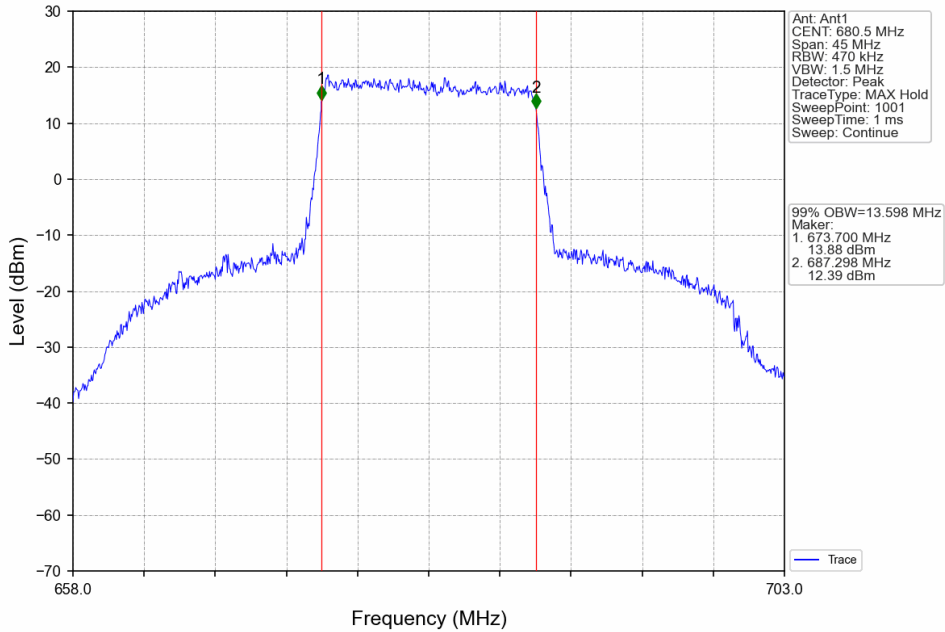




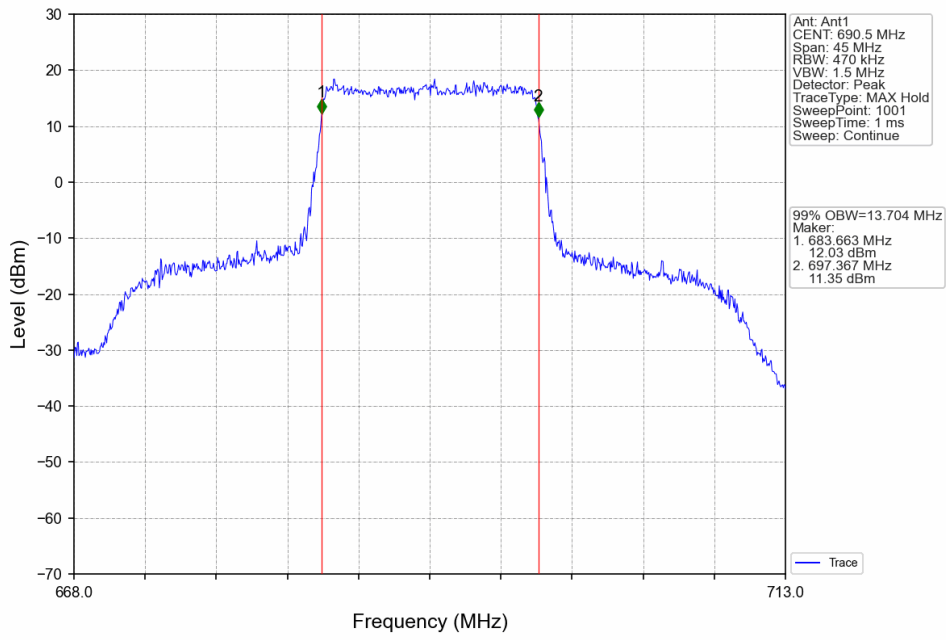
Band71\_15MHz\_QPSK\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



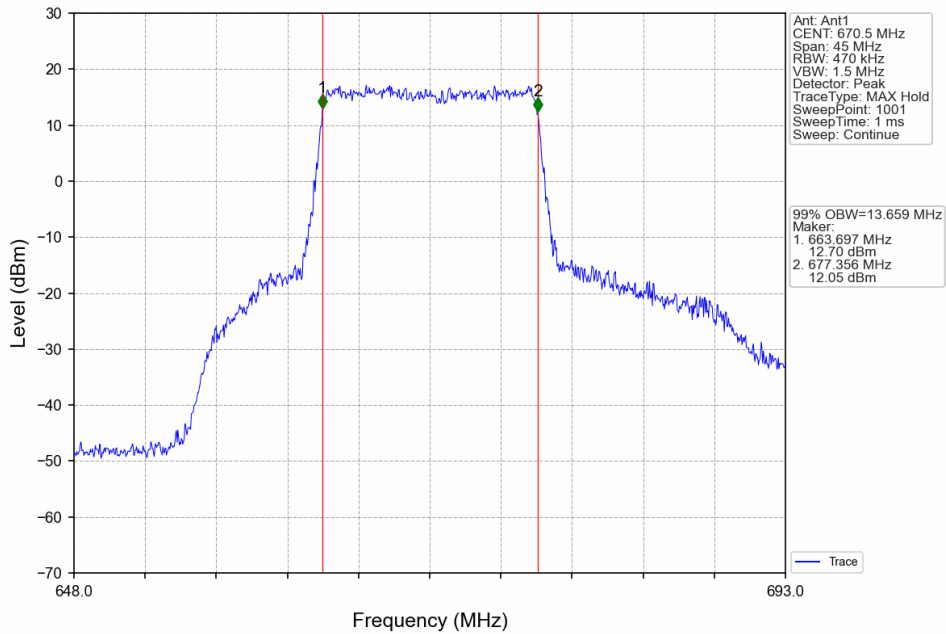
Band71\_15MHz\_QPSK\_MCH\_680.5MHz\_RB\_75\_0\_NTNV



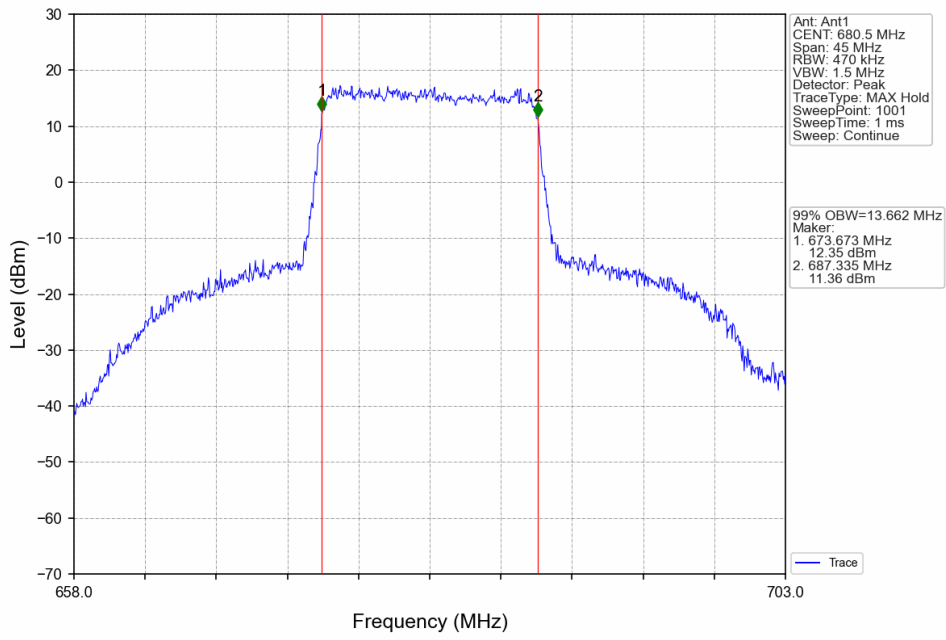
Band71\_15MHz\_QPSK\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



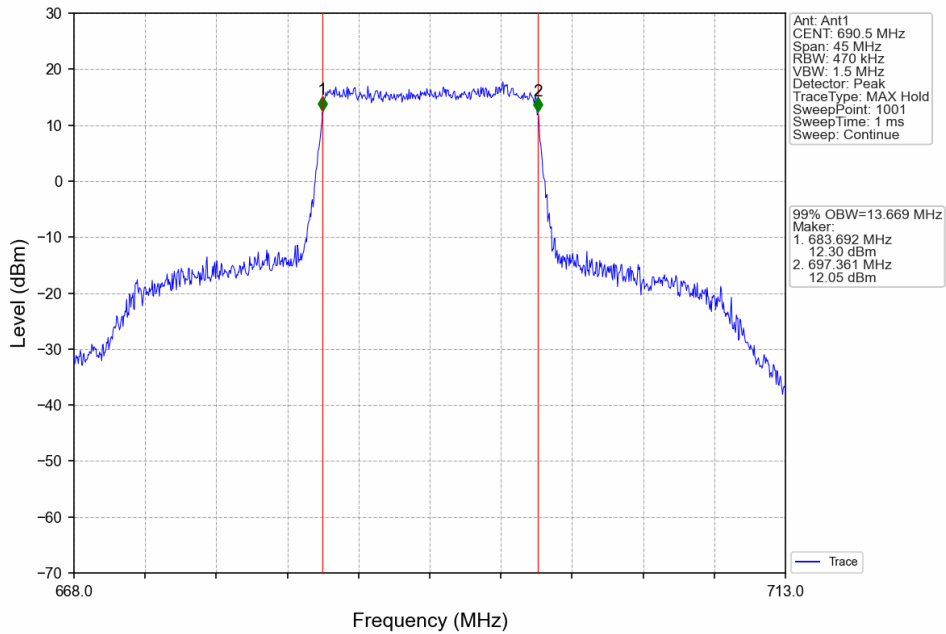
Band71\_15MHz\_16QAM\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



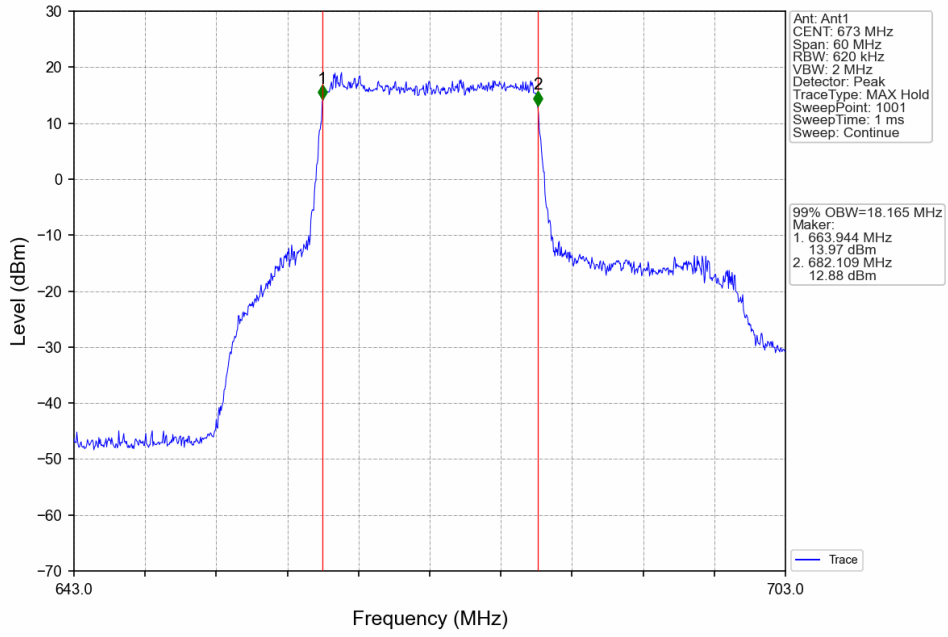
Band71\_15MHz\_16QAM\_MCH\_680.5MHz\_RB\_75\_0\_NTNV



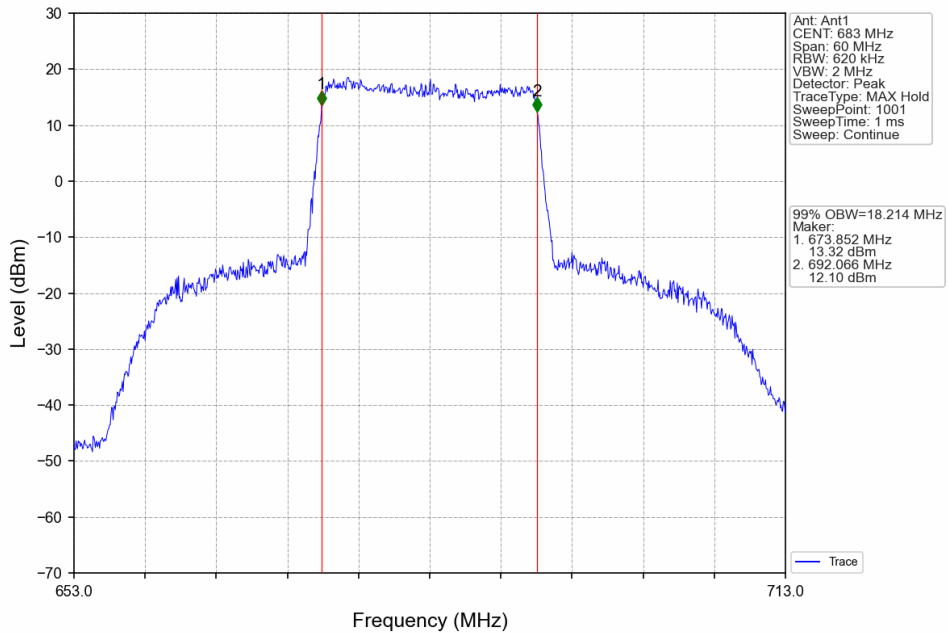
Band71\_15MHz\_16QAM\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



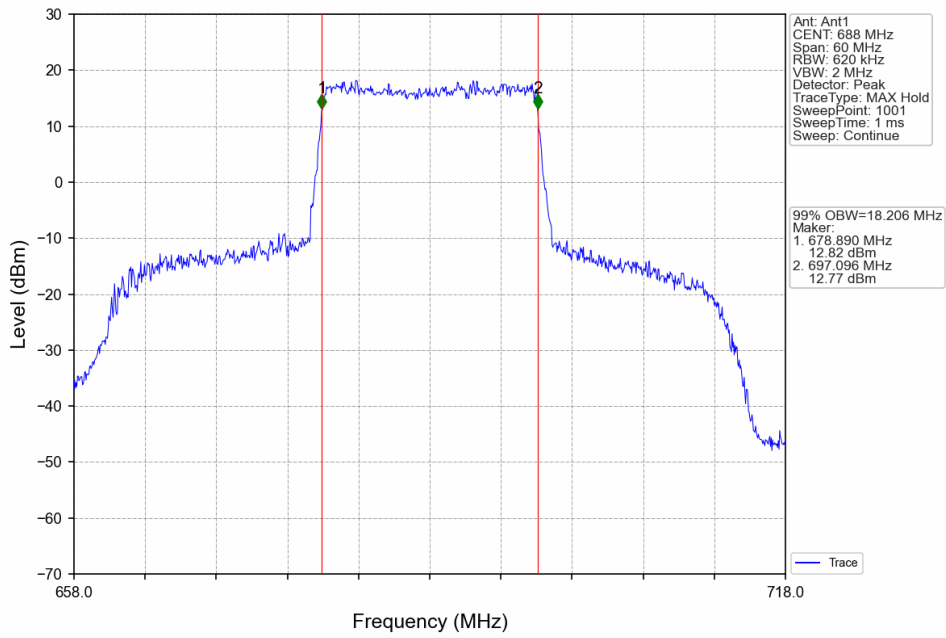
Band71\_20MHz\_QPSK\_LCH\_673MHz\_RB\_100\_0\_NTNV



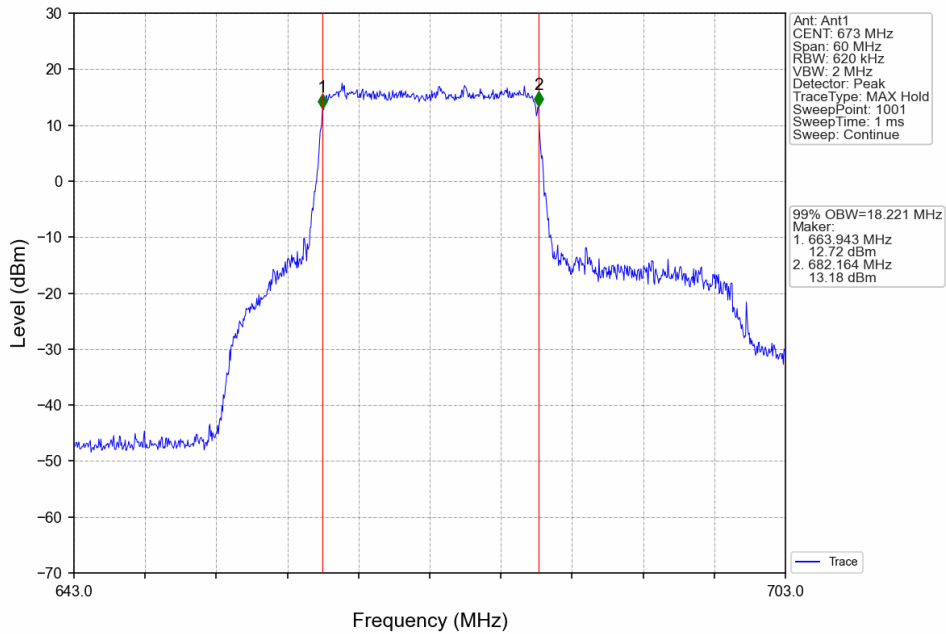
Band71\_20MHz\_QPSK\_MCH\_683MHz\_RB\_100\_0\_NTNV



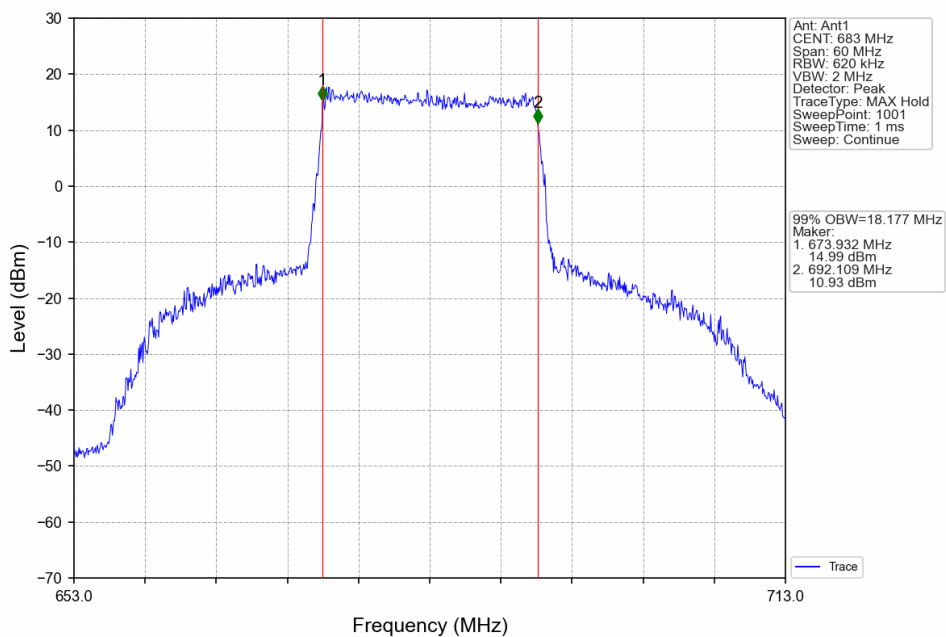
Band71\_20MHz\_QPSK\_HCH\_688MHz\_RB\_100\_0\_NTNV



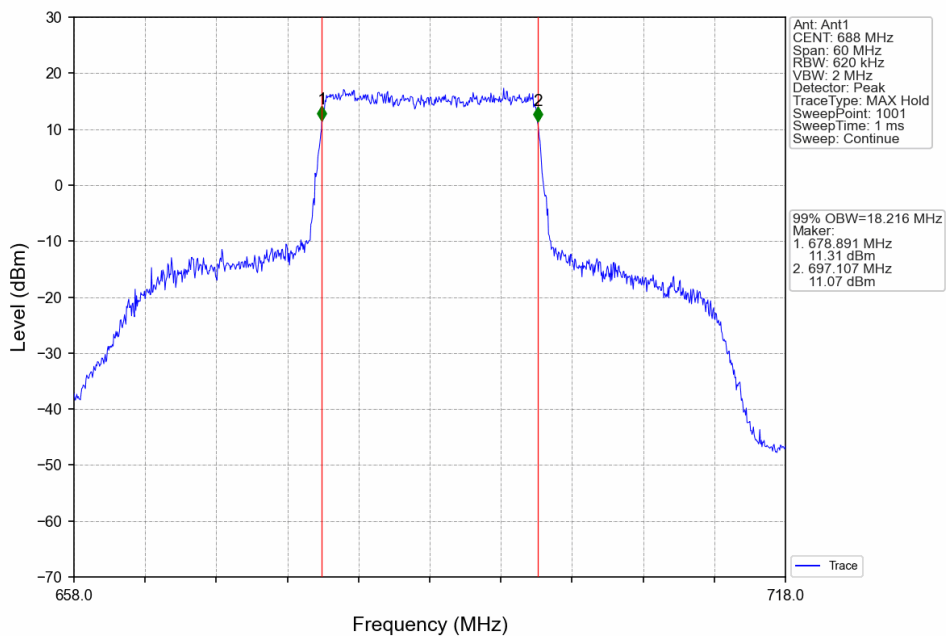
Band71\_20MHz\_16QAM\_LCH\_673MHz\_RB\_100\_0\_NTNV



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



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

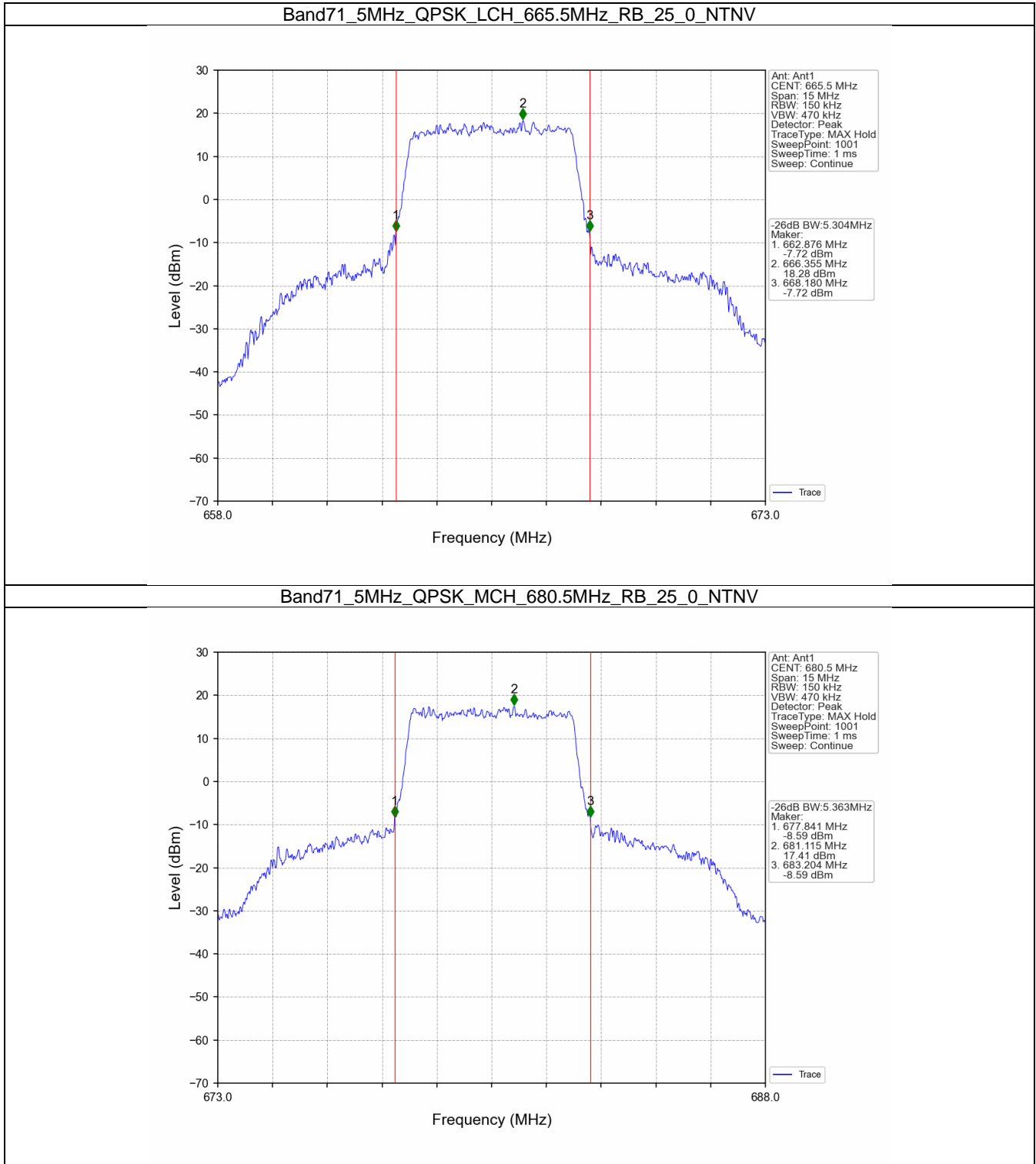


## 4.2 Band71\_XDB

### 4.2.1 Test Result

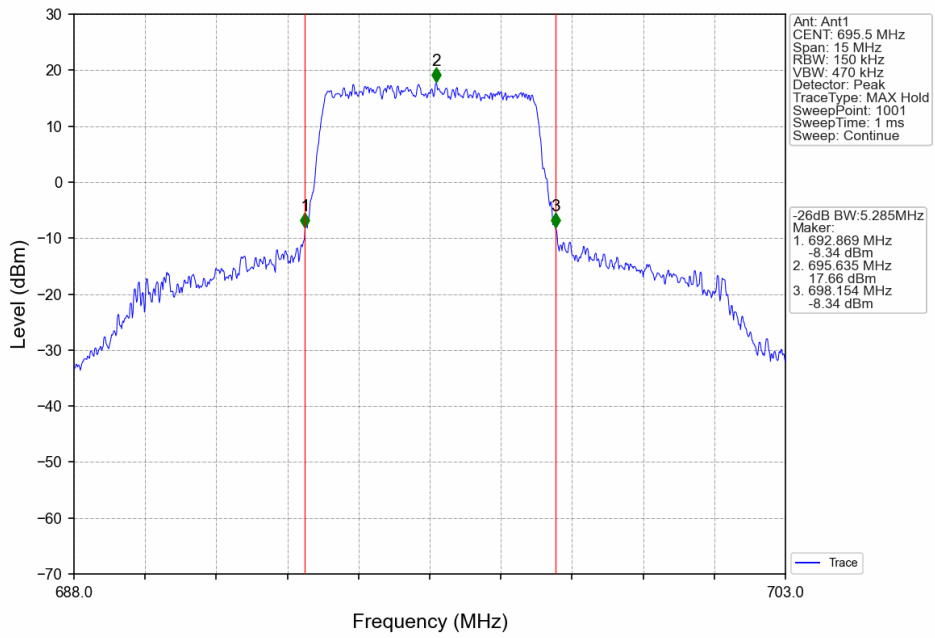
Band: 71 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	665.5	25	0	5.304	Pass
		680.5	25	0	5.363	Pass
		695.5	25	0	5.285	Pass
	16QAM	665.5	25	0	5.280	Pass
		680.5	25	0	5.395	Pass
		695.5	25	0	5.297	Pass
10	QPSK	668	50	0	10.325	Pass
		680.5	50	0	10.255	Pass
		693	50	0	10.419	Pass
	16QAM	668	50	0	10.285	Pass
		680.5	50	0	10.270	Pass
		693	50	0	10.204	Pass
15	QPSK	670.5	75	0	15.168	Pass
		680.5	75	0	15.408	Pass
		690.5	75	0	15.533	Pass
	16QAM	670.5	75	0	15.326	Pass
		680.5	75	0	15.310	Pass
		690.5	75	0	15.418	Pass
20	QPSK	673	100	0	20.006	Pass
		683	100	0	20.170	Pass
		688	100	0	20.319	Pass
	16QAM	673	100	0	20.141	Pass
		683	100	0	19.941	Pass
		688	100	0	20.080	Pass

### 4.2.2 Test Graph

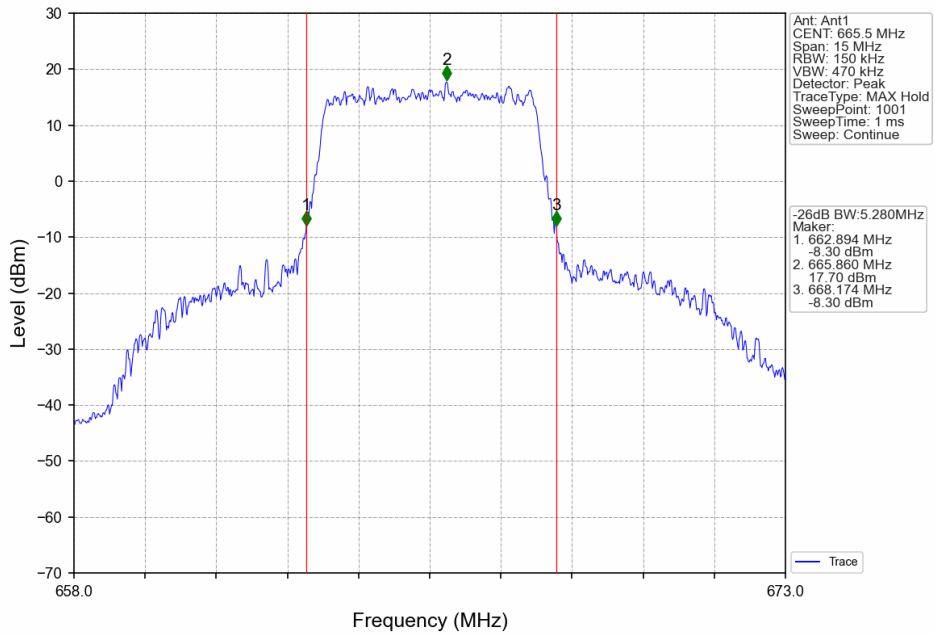




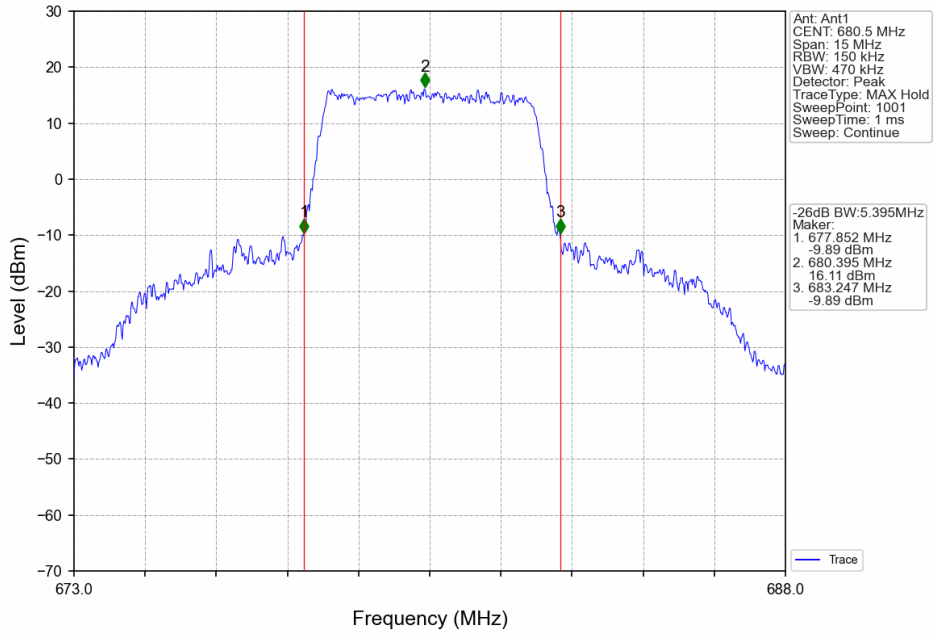
Band71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_25\_0\_NTNV



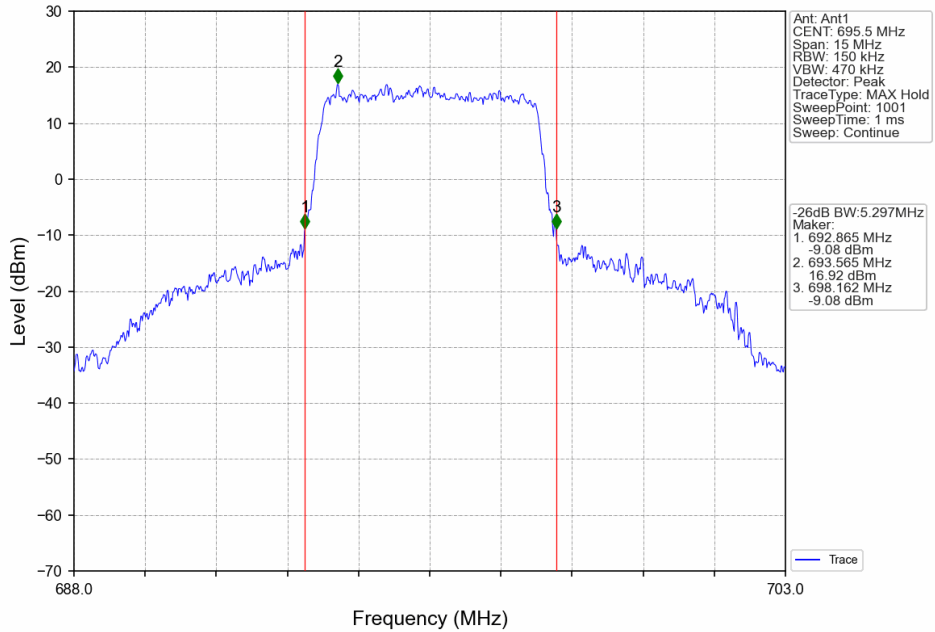
Band71\_5MHz\_16QAM\_LCH\_665.5MHz\_RB\_25\_0\_NTNV



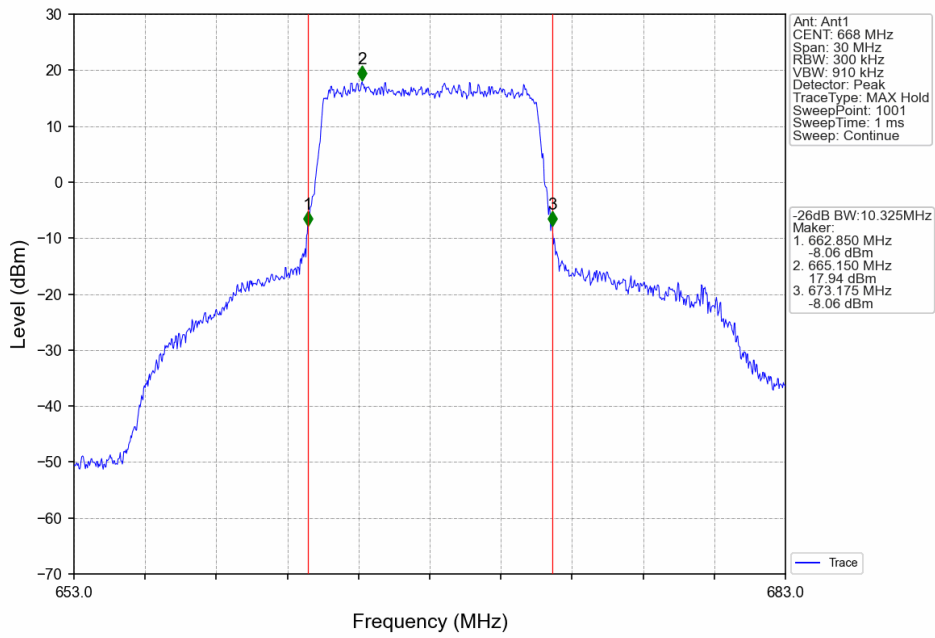
Band71\_5MHz\_16QAM\_MCH\_680.5MHz\_RB\_25\_0\_NTNV



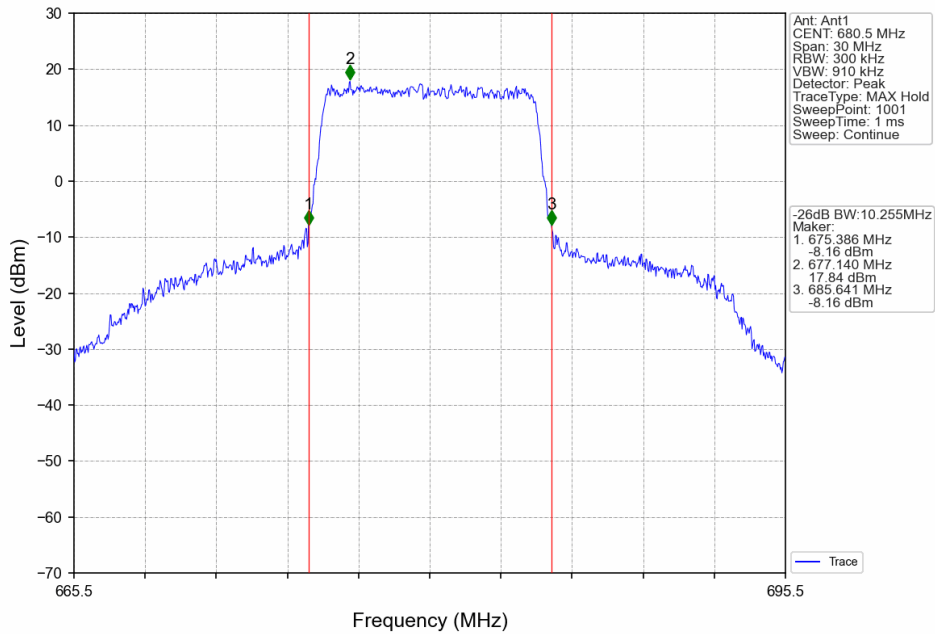
Band71\_5MHz\_16QAM\_HCH\_695.5MHz\_RB\_25\_0\_NTNV



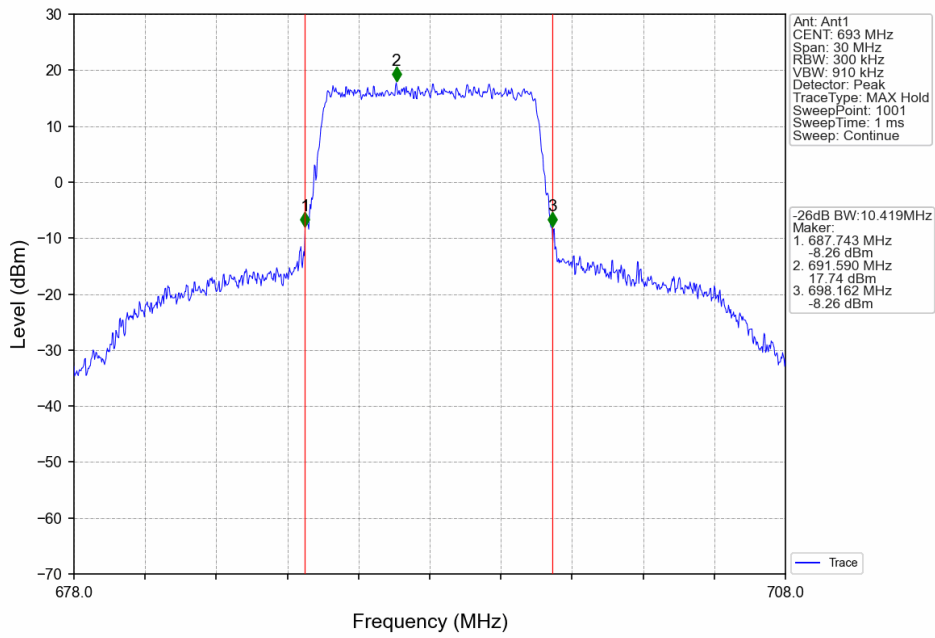
Band71\_10MHz\_QPSK\_LCH\_668MHz\_RB\_50\_0\_NTNV



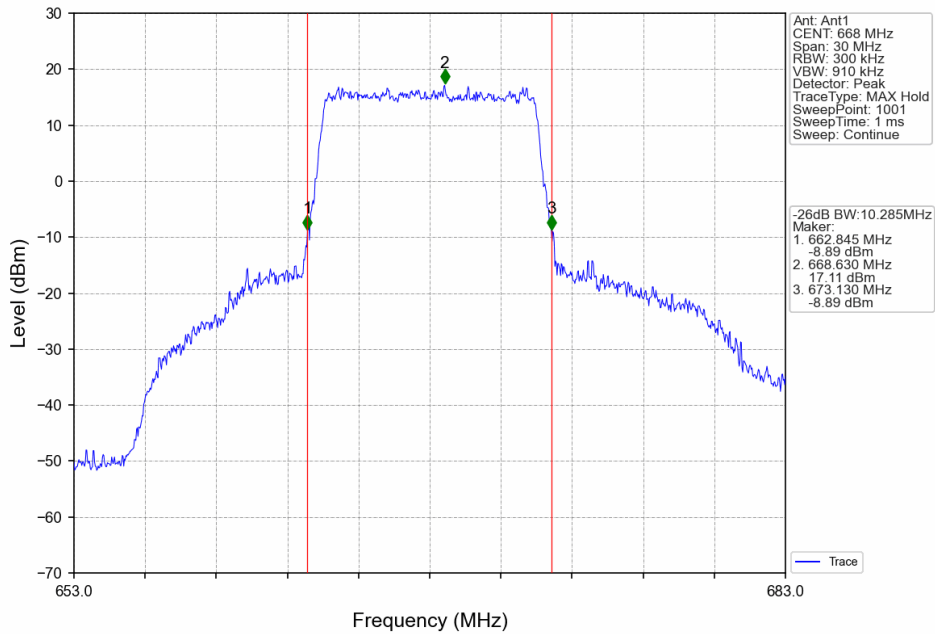
Band71\_10MHz\_QPSK\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



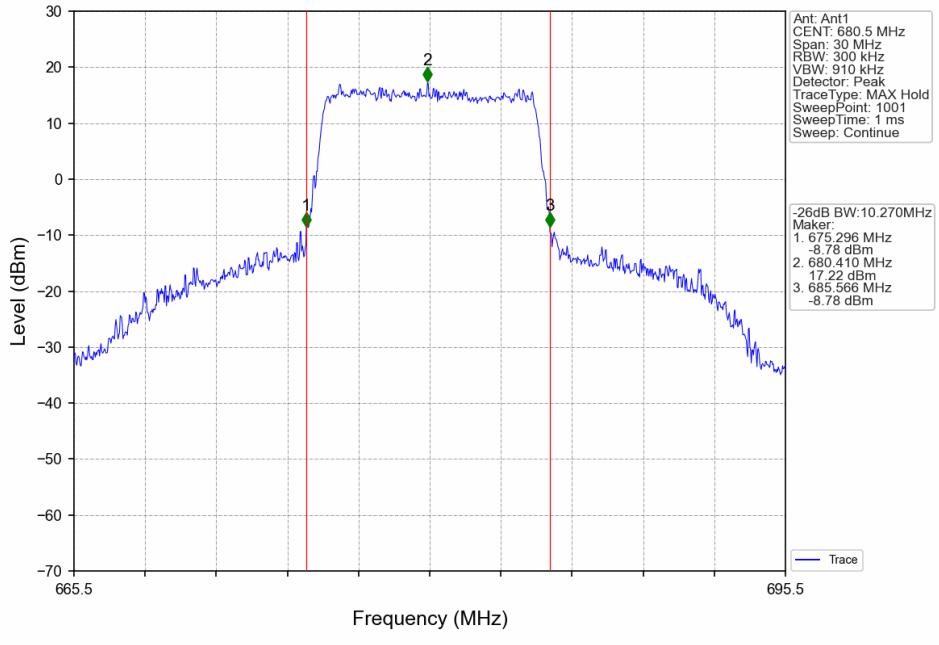
Band71\_10MHz\_QPSK\_HCH\_693MHz\_RB\_50\_0\_NTNV



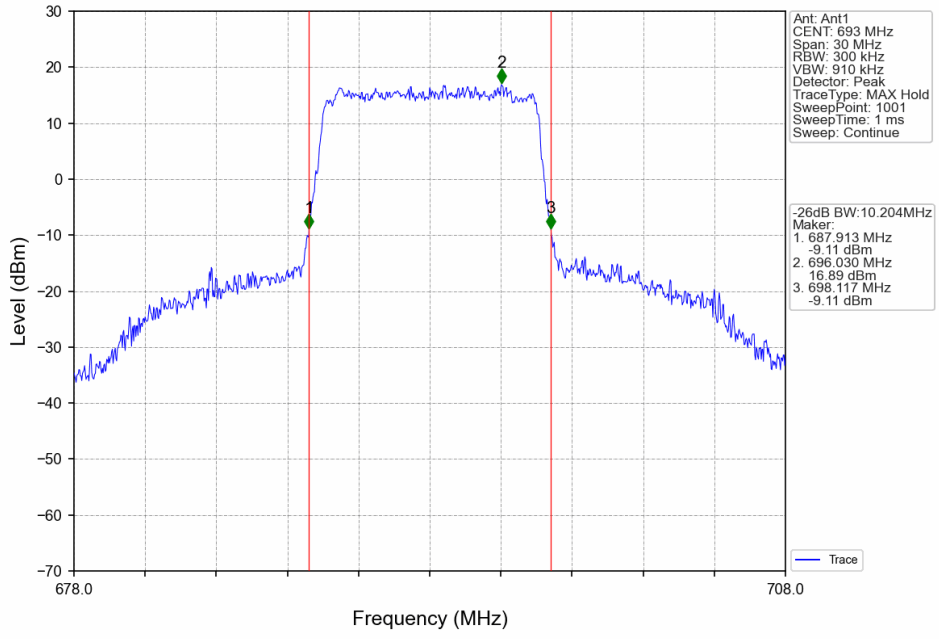
Band71\_10MHz\_16QAM\_LCH\_668MHz\_RB\_50\_0\_NTNV



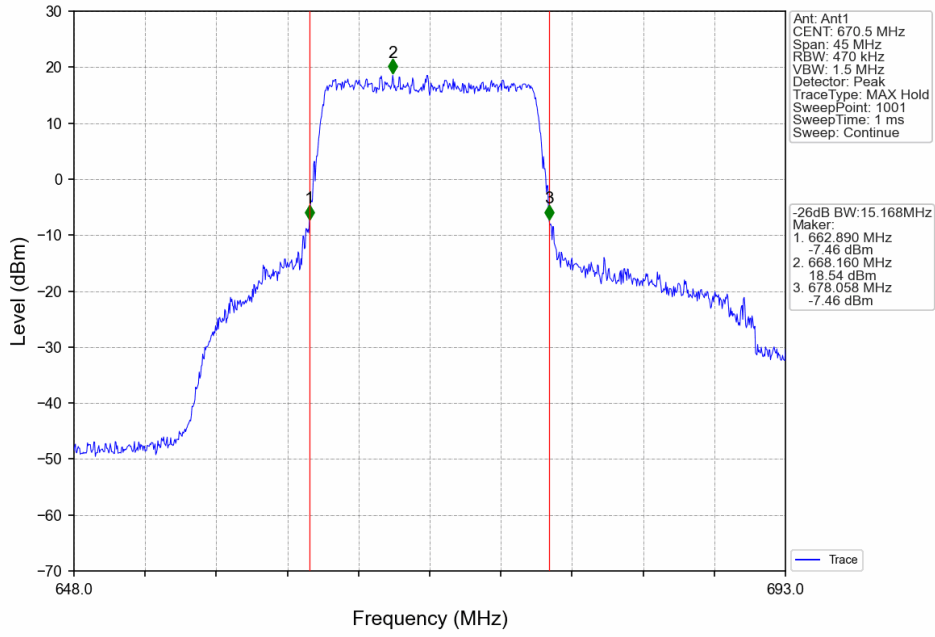
Band71\_10MHz\_16QAM\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



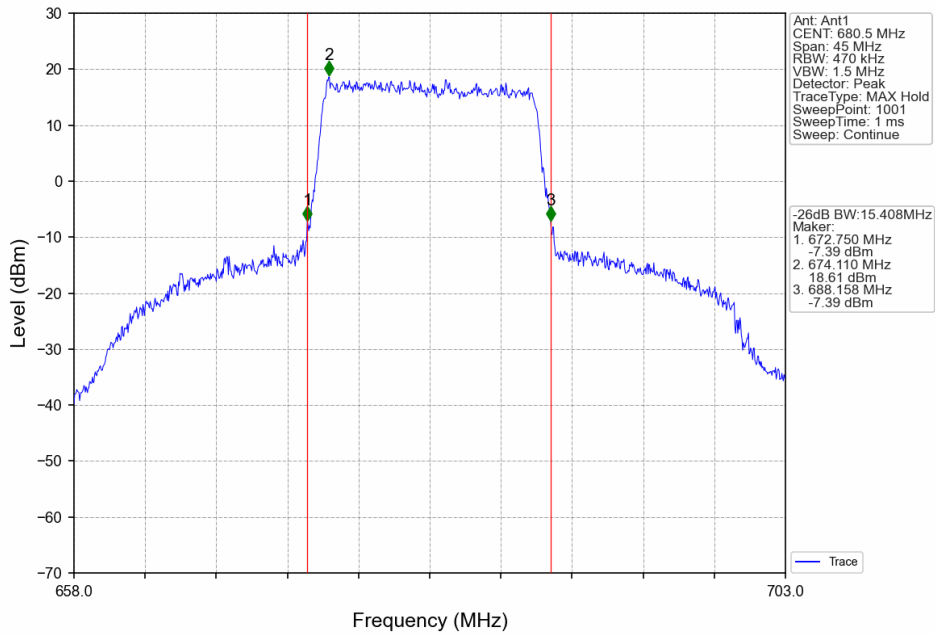
Band71\_10MHz\_16QAM\_HCH\_693MHz\_RB\_50\_0\_NTNV



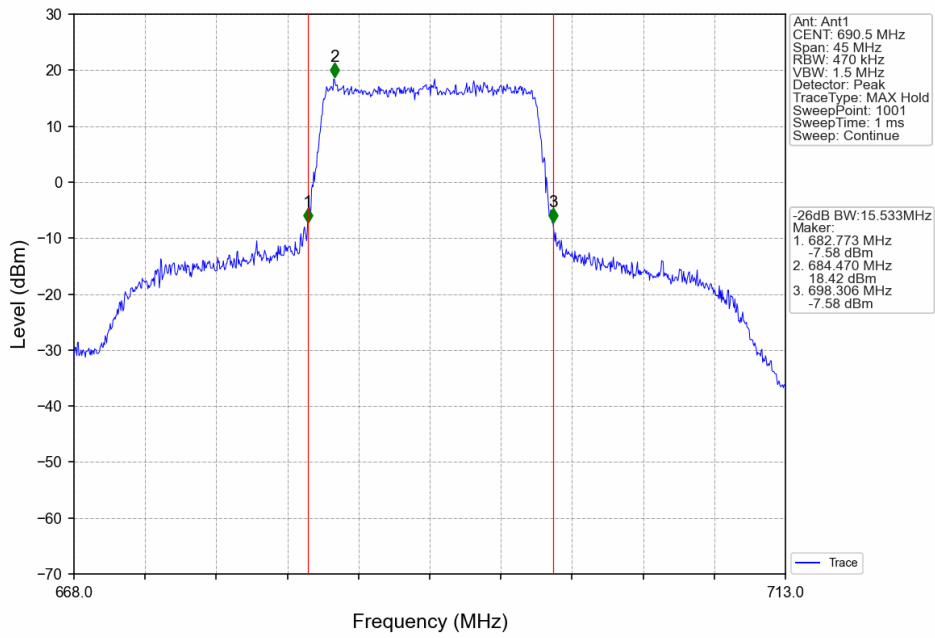
Band71\_15MHz\_QPSK\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



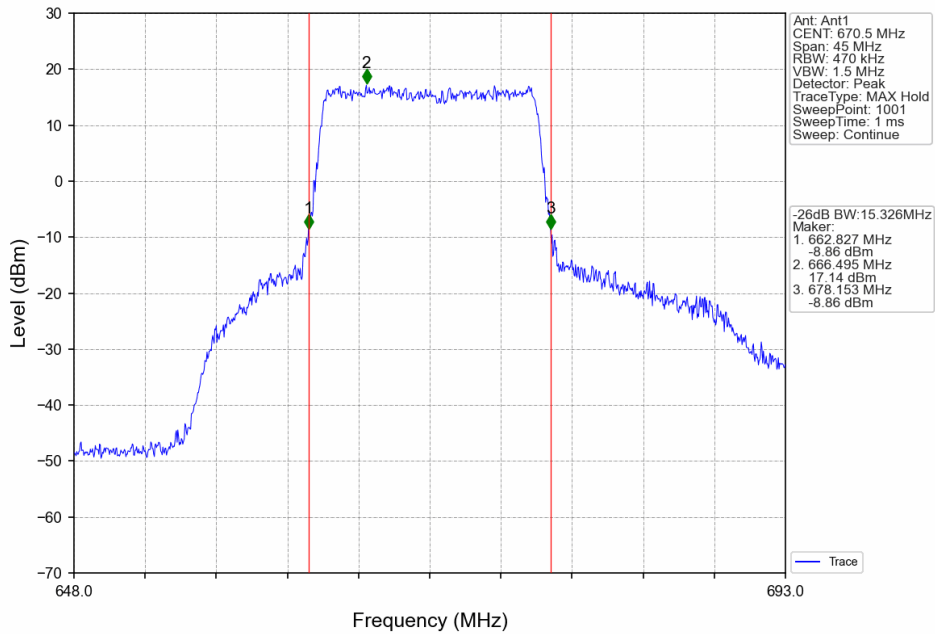
Band71\_15MHz\_QPSK\_MCH\_680.5MHz\_RB\_75\_0\_NTNV



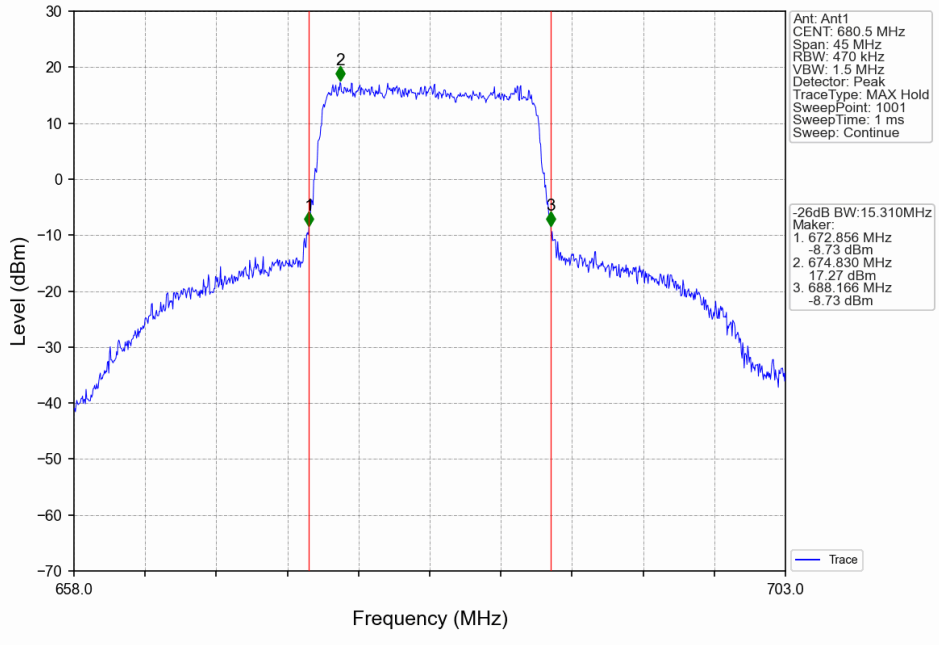
Band71\_15MHz\_QPSK\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



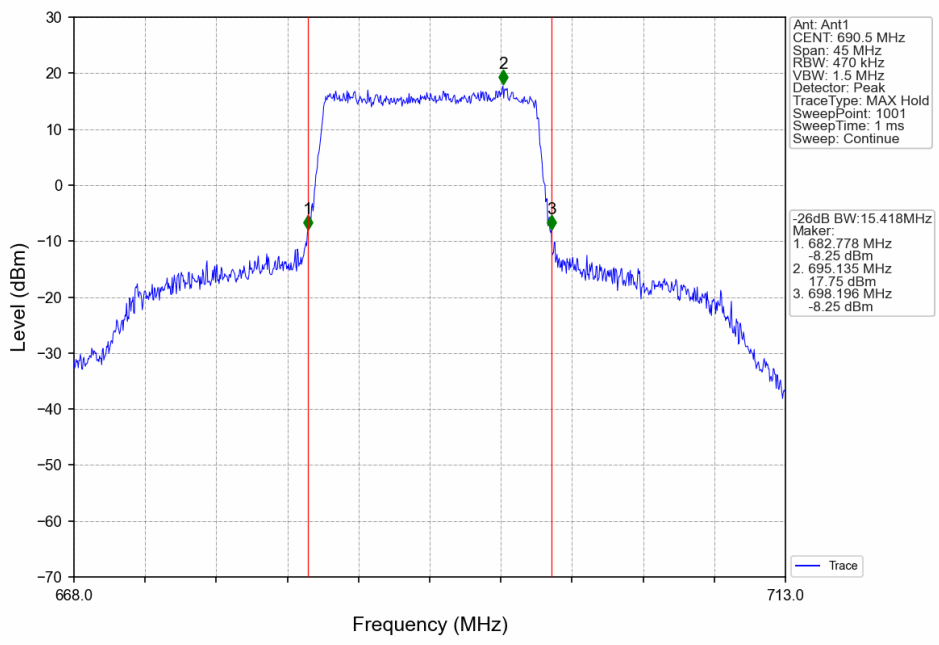
Band71\_15MHz\_16QAM\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



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

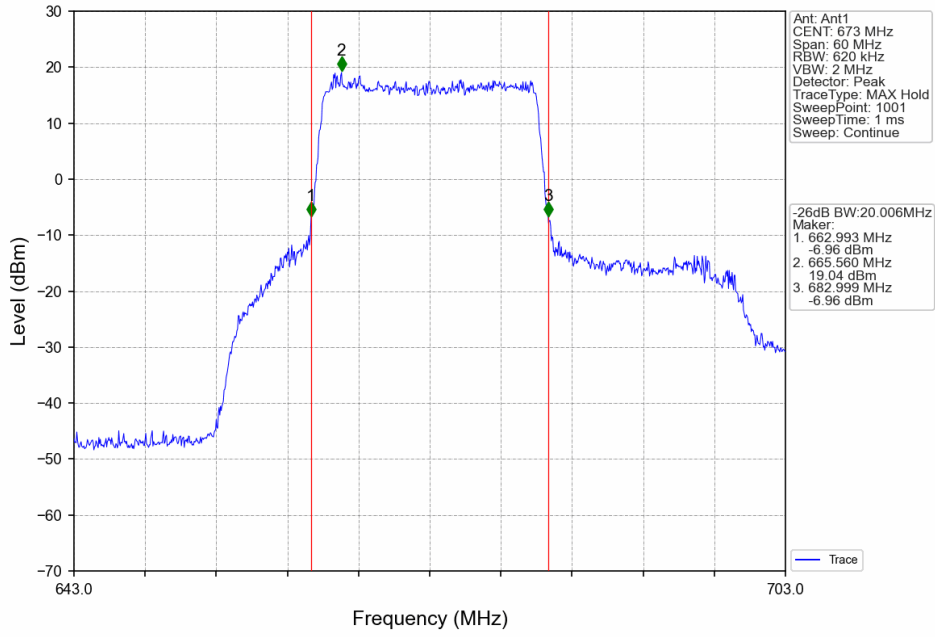


Band71\_15MHz\_16QAM\_HCH\_690.5MHz\_RB\_75\_0\_NTNV

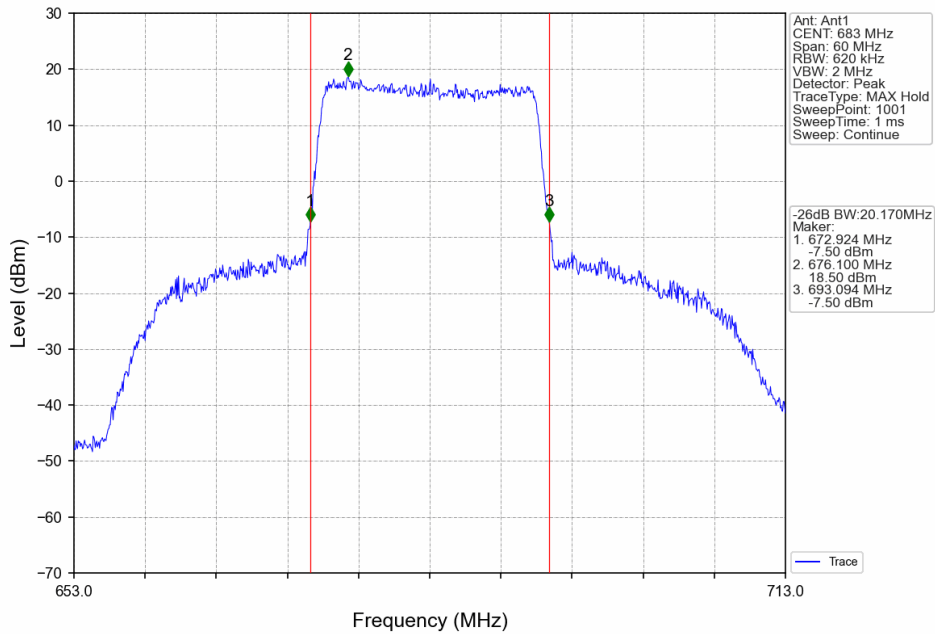




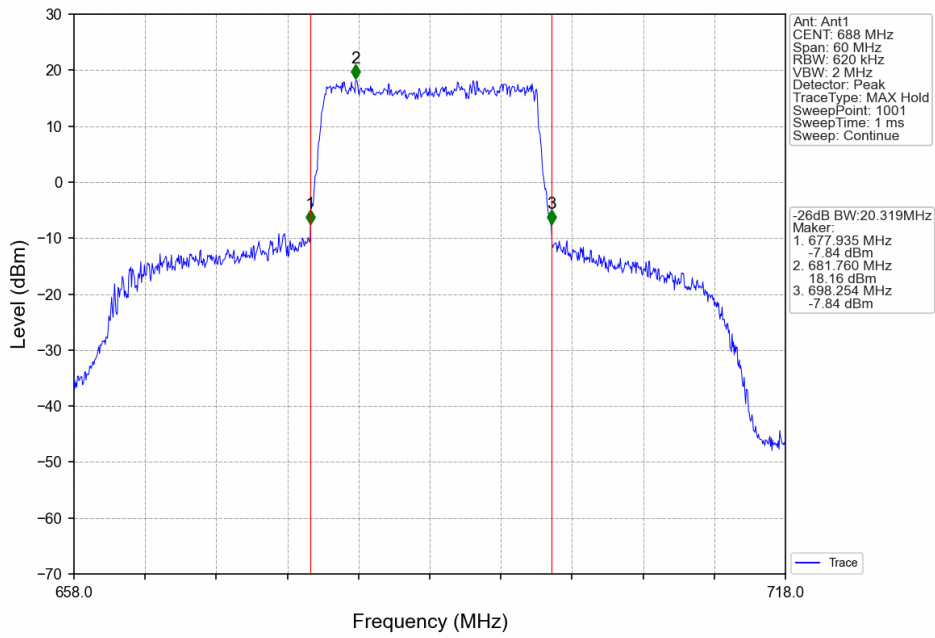
Band71\_20MHz\_QPSK\_LCH\_673MHz\_RB\_100\_0\_NTNV



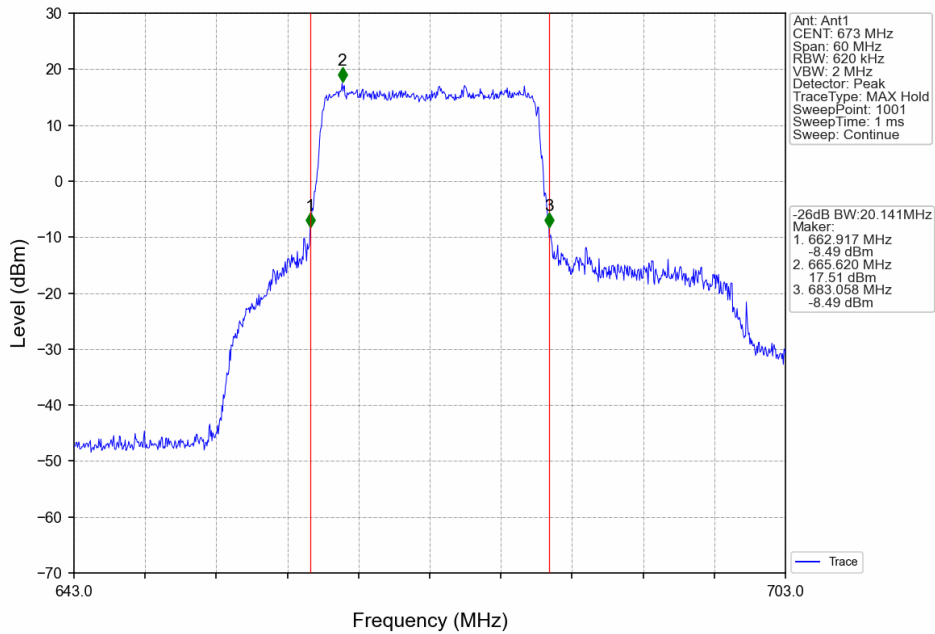
Band71\_20MHz\_QPSK\_MCH\_683MHz\_RB\_100\_0\_NTNV



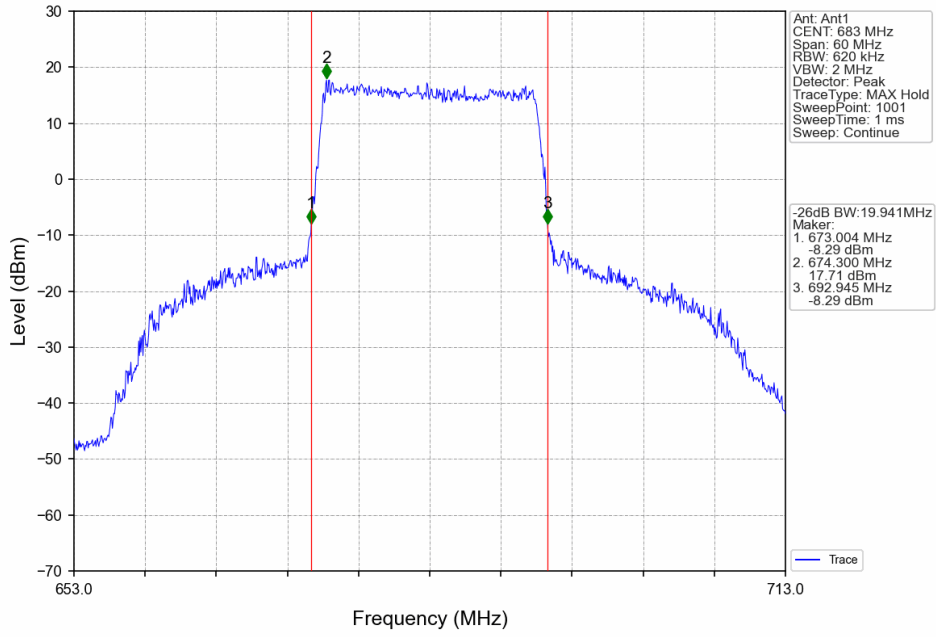
Band71\_20MHz\_QPSK\_HCH\_688MHz\_RB\_100\_0\_NTNV



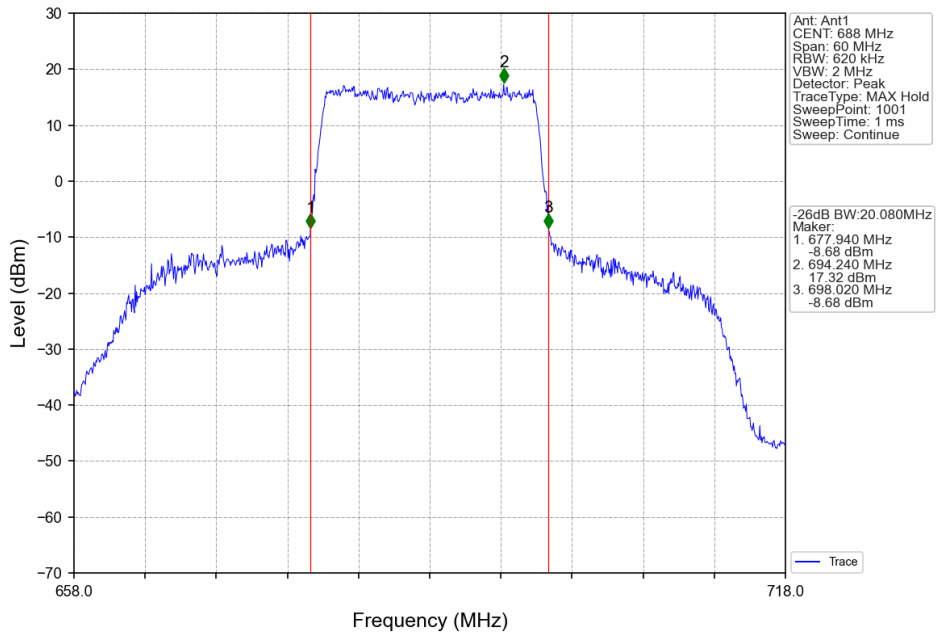
Band71\_20MHz\_16QAM\_LCH\_673MHz\_RB\_100\_0\_NTNV



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



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



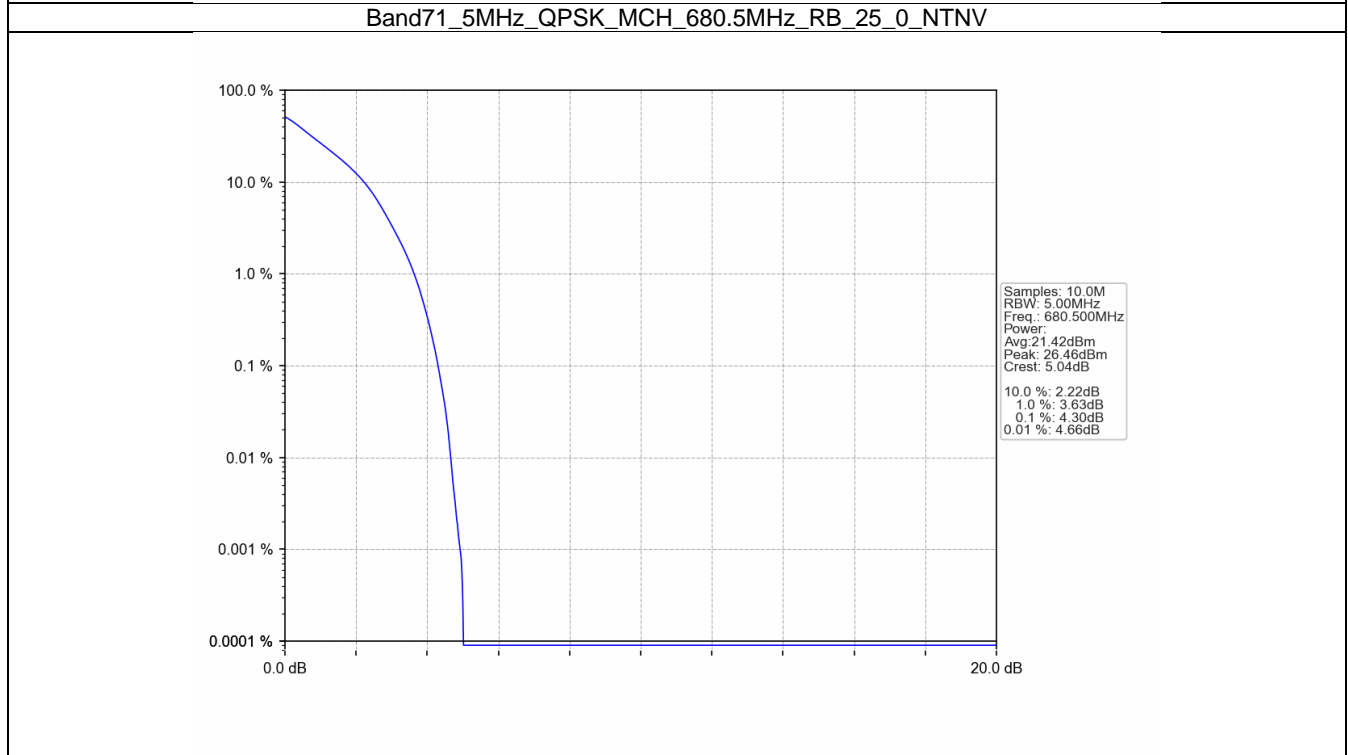
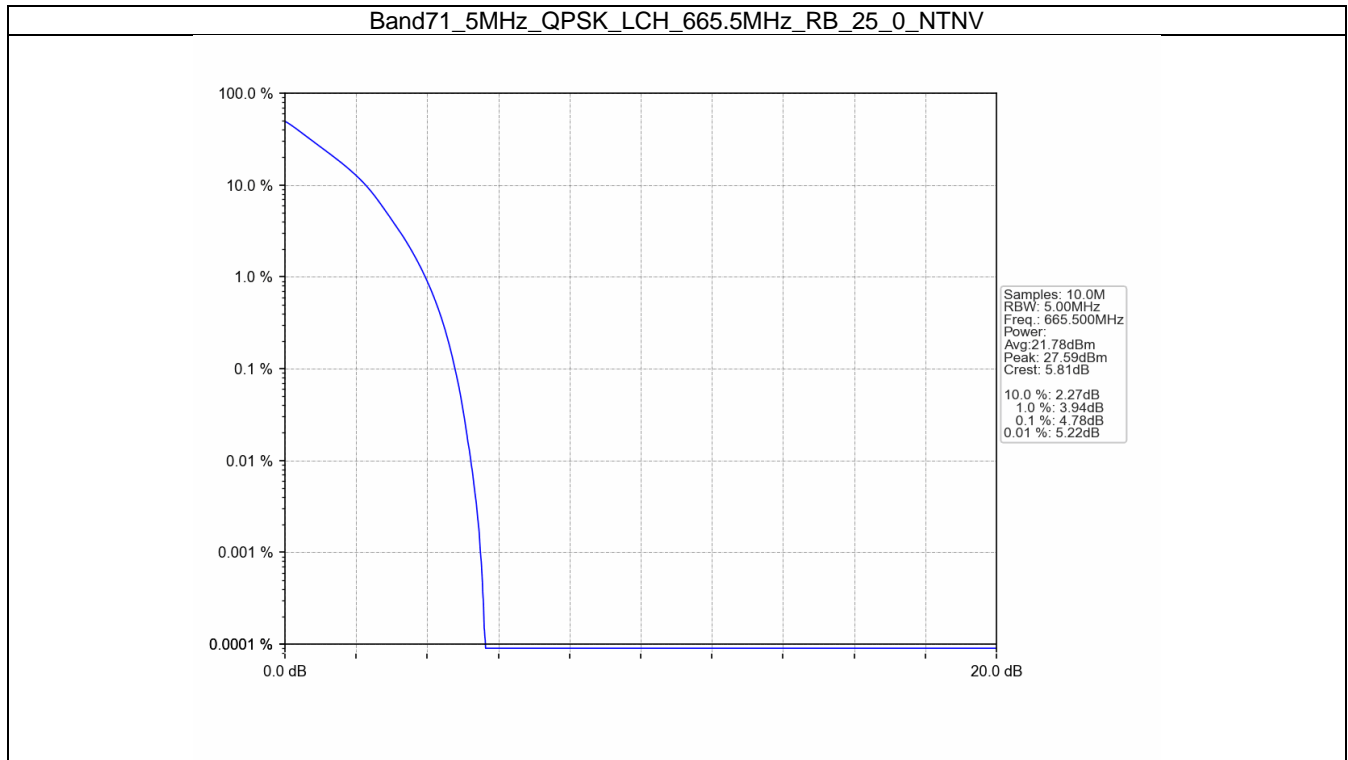
## 5. Peak-Average Ratio

### 5.1 B71\_5MHz

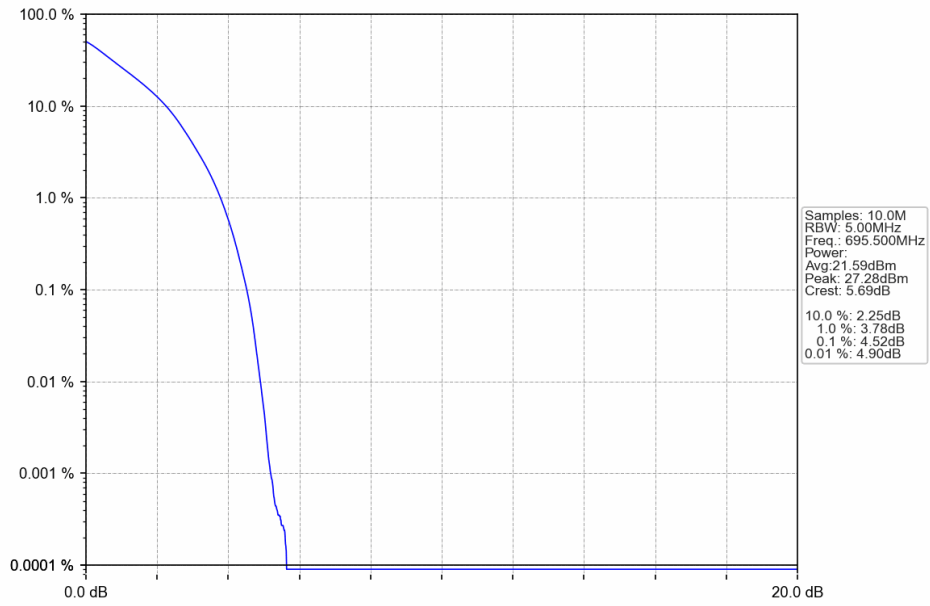
#### 5.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	25	0	4.78	<=13	Pass
	680.5	25	0	4.30	<=13	Pass
	695.5	25	0	4.52	<=13	Pass
16QAM	665.5	25	0	5.49	<=13	Pass
	680.5	25	0	5.08	<=13	Pass
	695.5	25	0	5.28	<=13	Pass

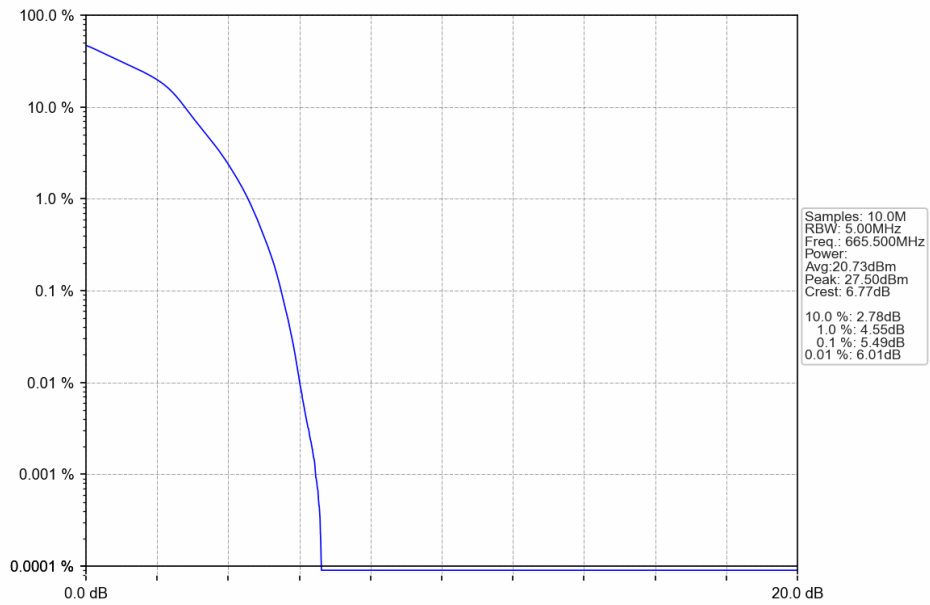
### 5.1.2 Test Graph



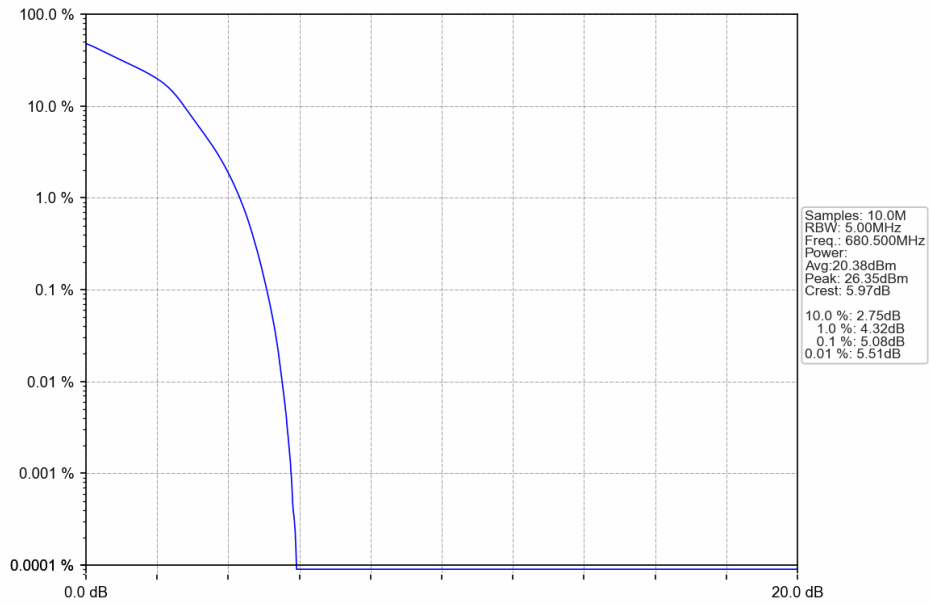
Band71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_25\_0\_NTNV



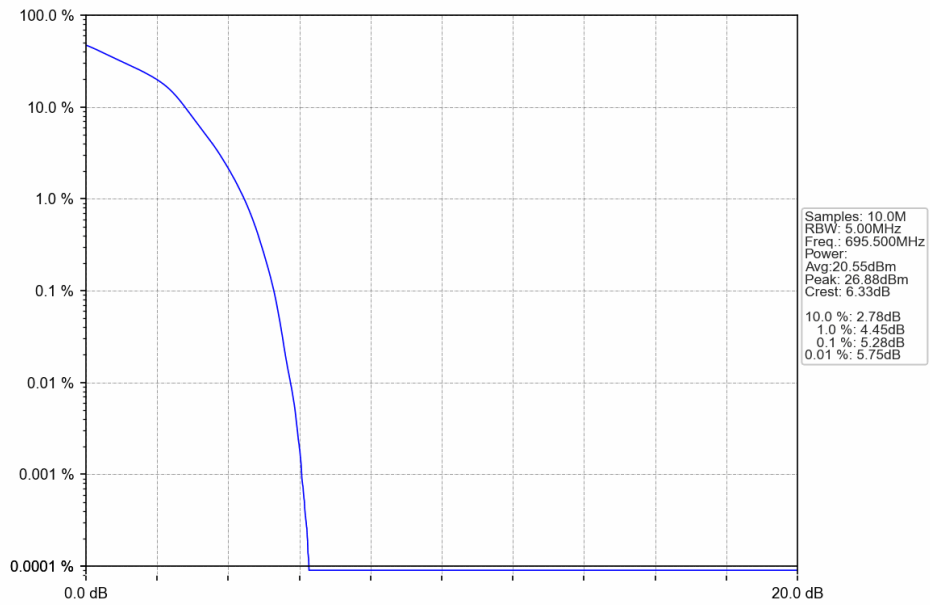
Band71\_5MHz\_16QAM\_LCH\_665.5MHz\_RB\_25\_0\_NTNV



Band71\_5MHz\_16QAM\_MCH\_680.5MHz\_RB\_25\_0\_NTNV



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



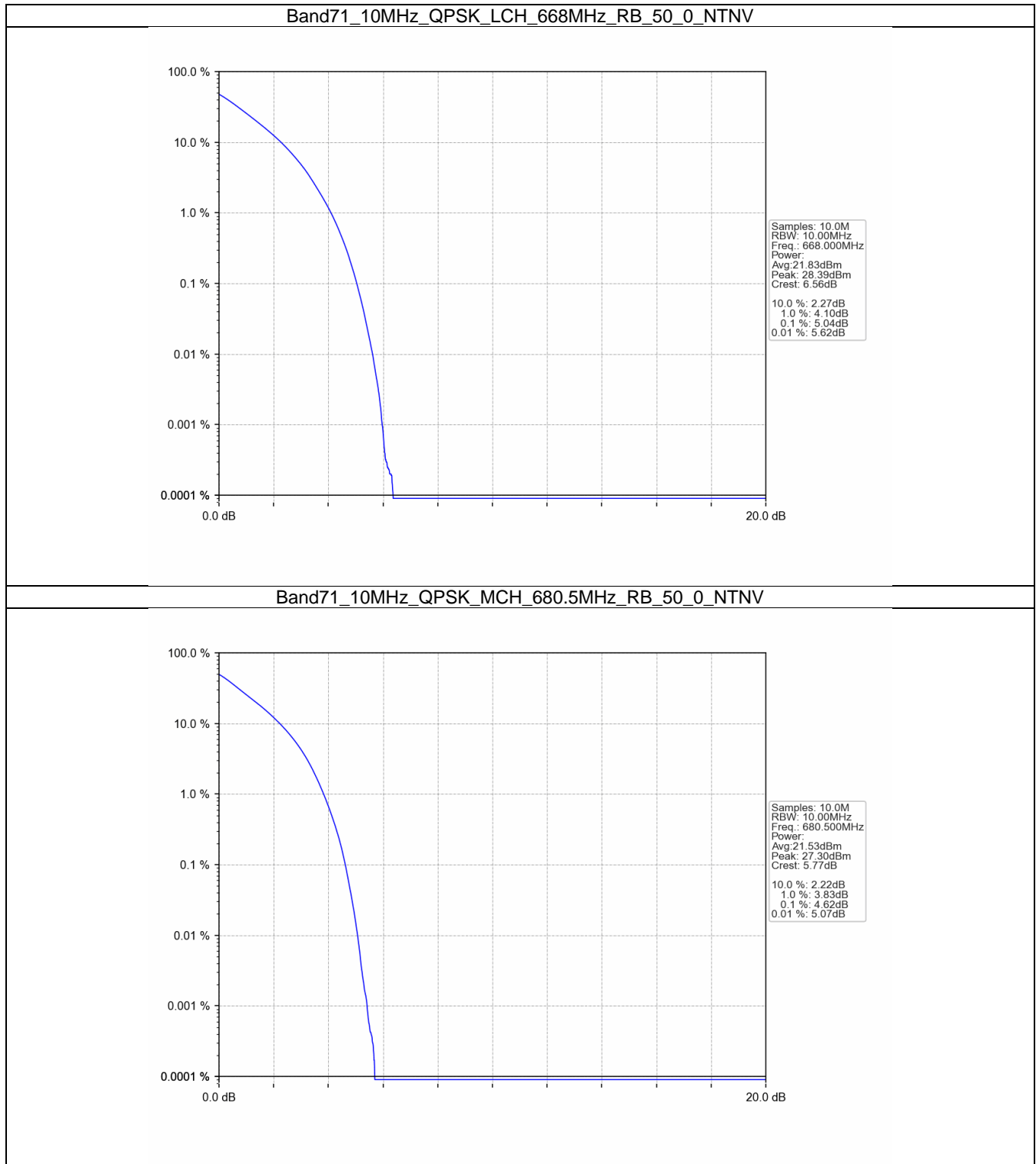
## 5.2 B71\_10MHz

### 5.2.1 Test Result

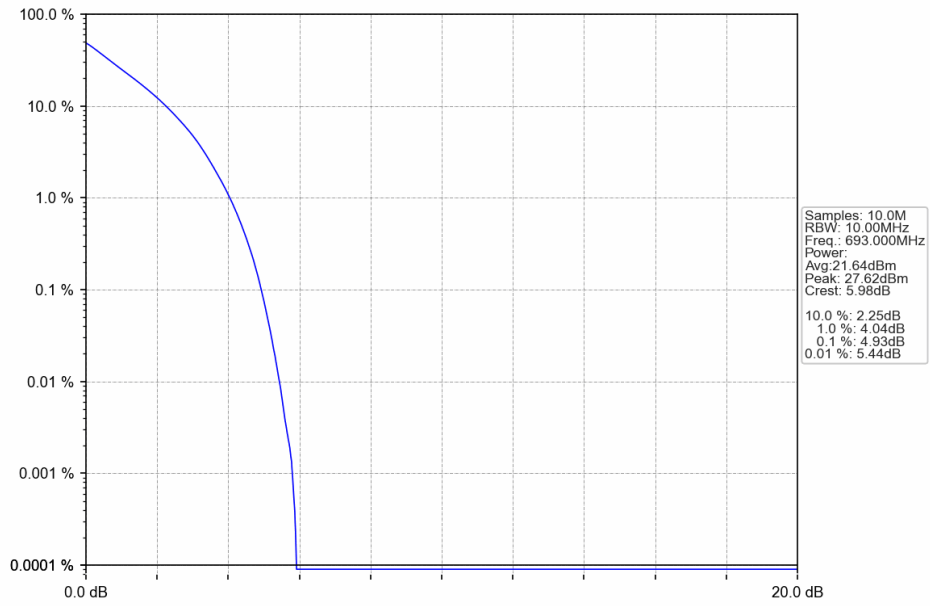
Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	668	50	0	5.04	<=13	Pass
	680.5	50	0	4.62	<=13	Pass
	693	50	0	4.93	<=13	Pass
16QAM	668	50	0	5.76	<=13	Pass
	680.5	50	0	5.37	<=13	Pass
	693	50	0	5.69	<=13	Pass



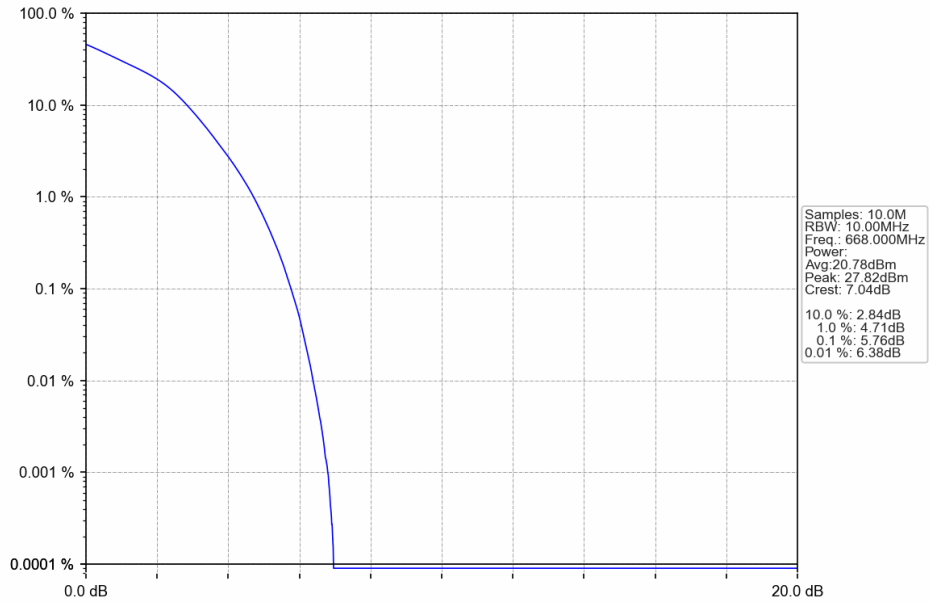
## 5.2.2 Test Graph



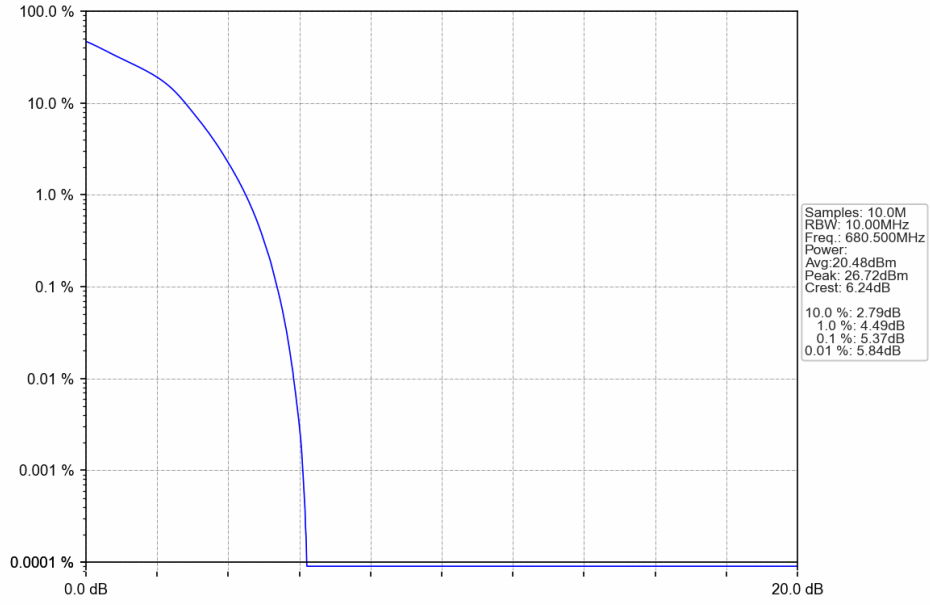
Band71\_10MHz\_QPSK\_HCH\_693MHz\_RB\_50\_0\_NTNV



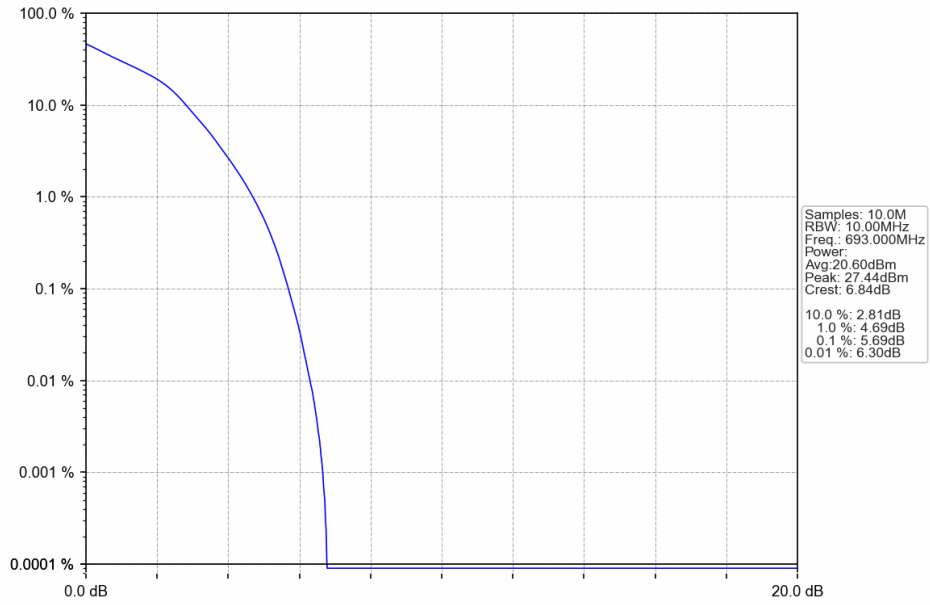
Band71\_10MHz\_16QAM\_LCH\_668MHz\_RB\_50\_0\_NTNV



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



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

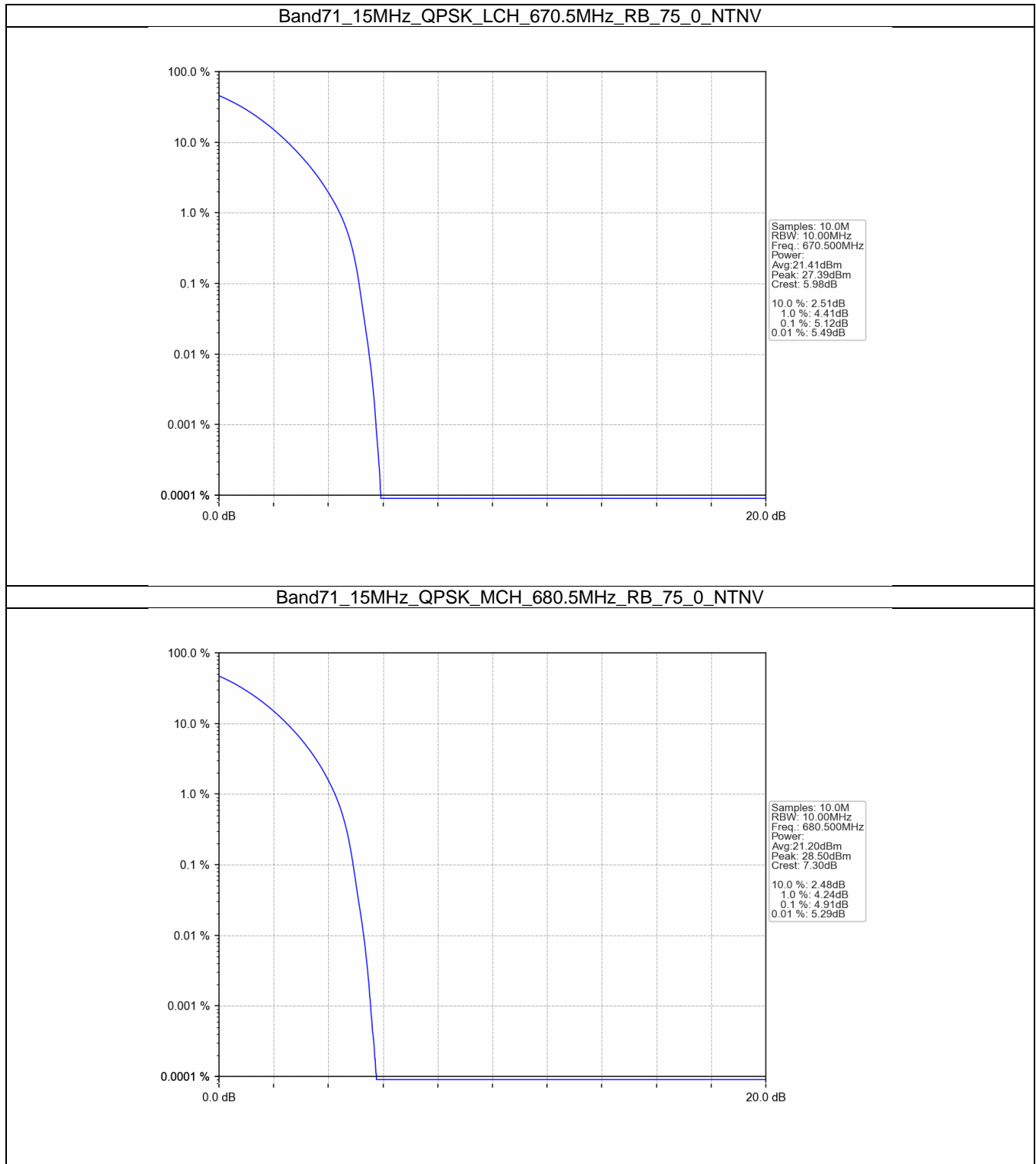


### 5.3 B71\_15MHz

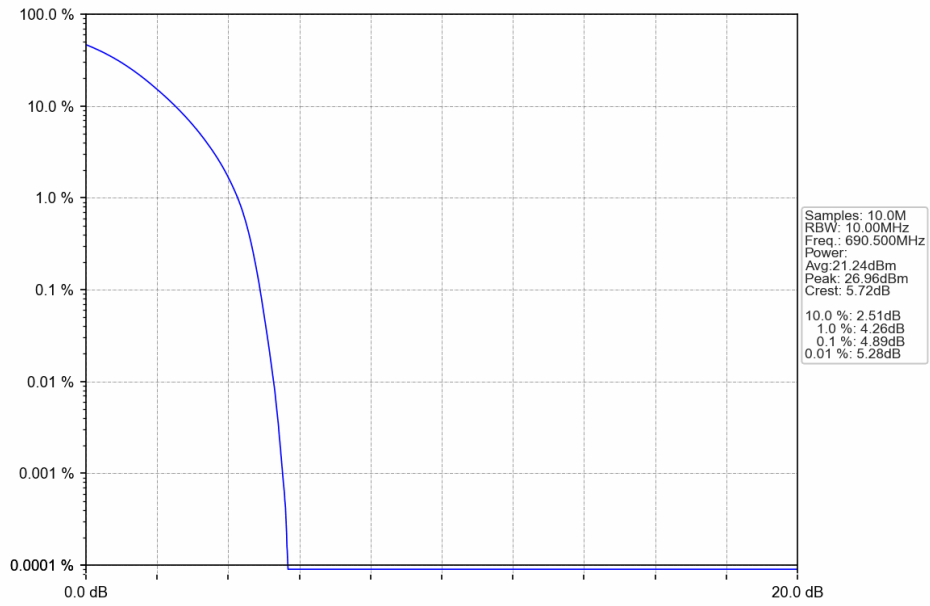
#### 5.3.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	5.12	<=13	Pass
	680.5	75	0	4.91	<=13	Pass
	690.5	75	0	4.89	<=13	Pass
16QAM	670.5	75	0	5.90	<=13	Pass
	680.5	75	0	5.70	<=13	Pass
	690.5	75	0	5.75	<=13	Pass

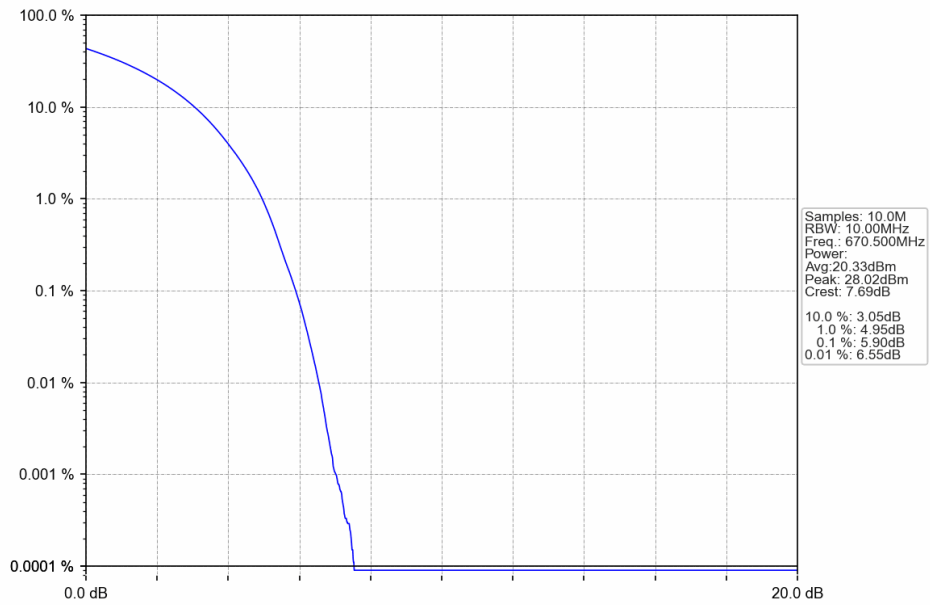
### 5.3.2 Test Graph



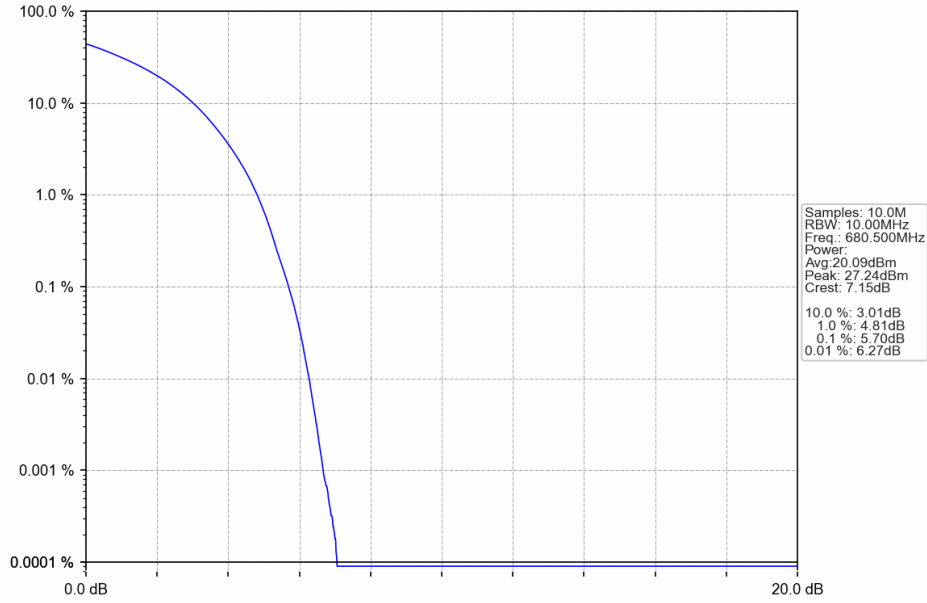
Band71\_15MHz\_QPSK\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



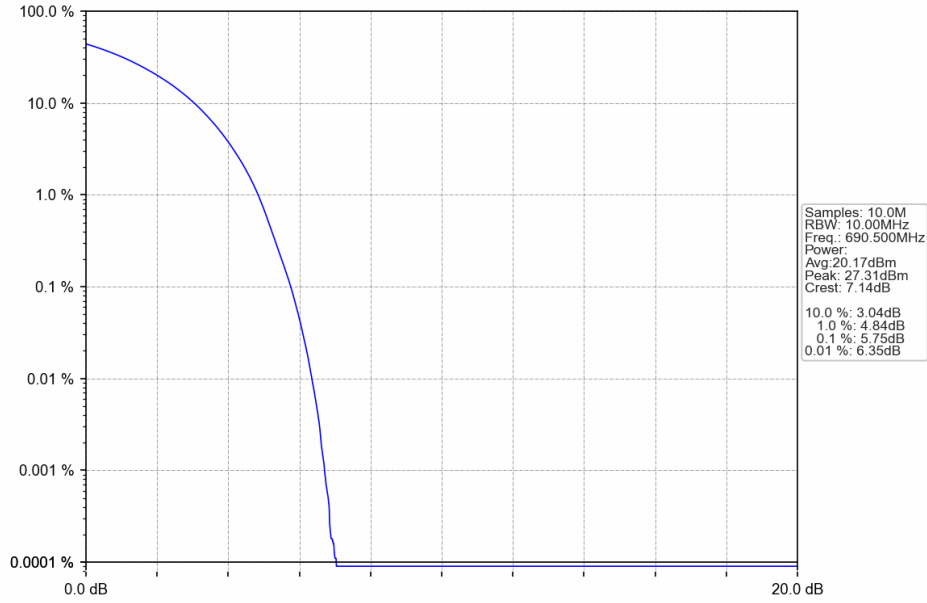
Band71\_15MHz\_16QAM\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



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



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



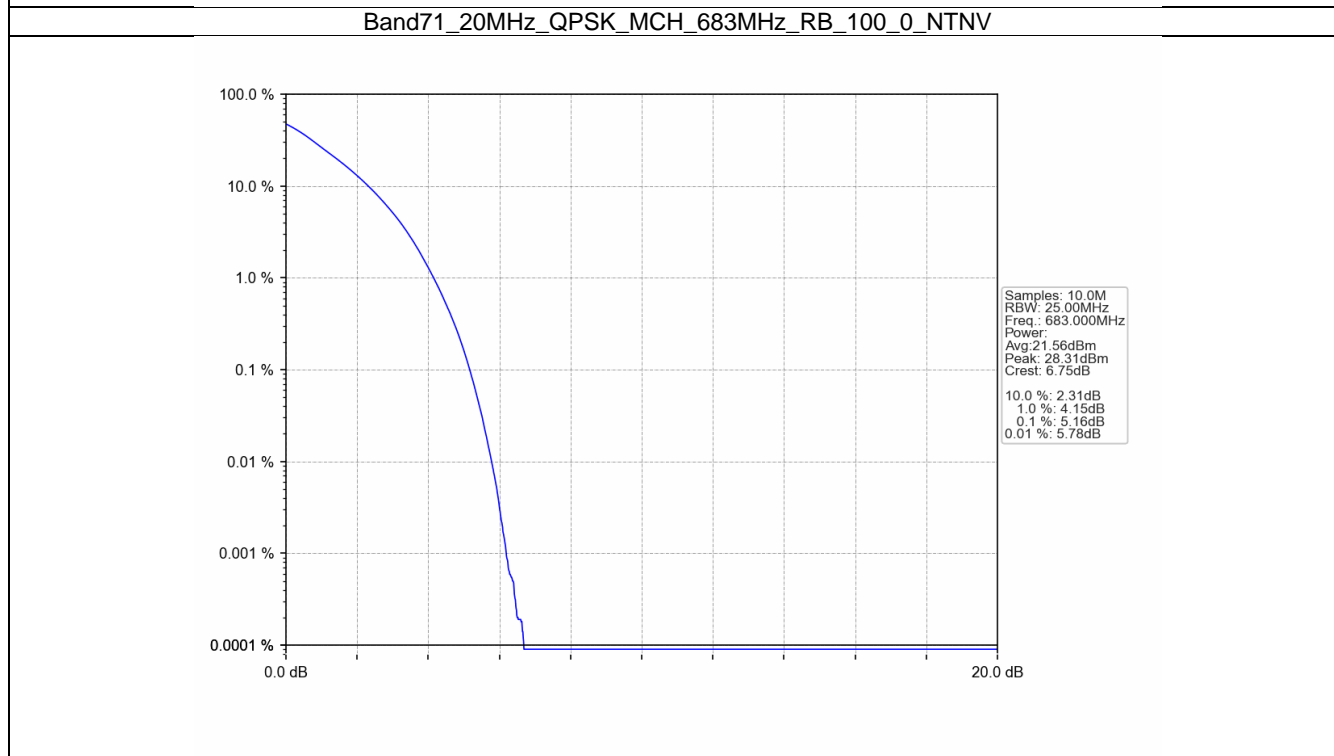
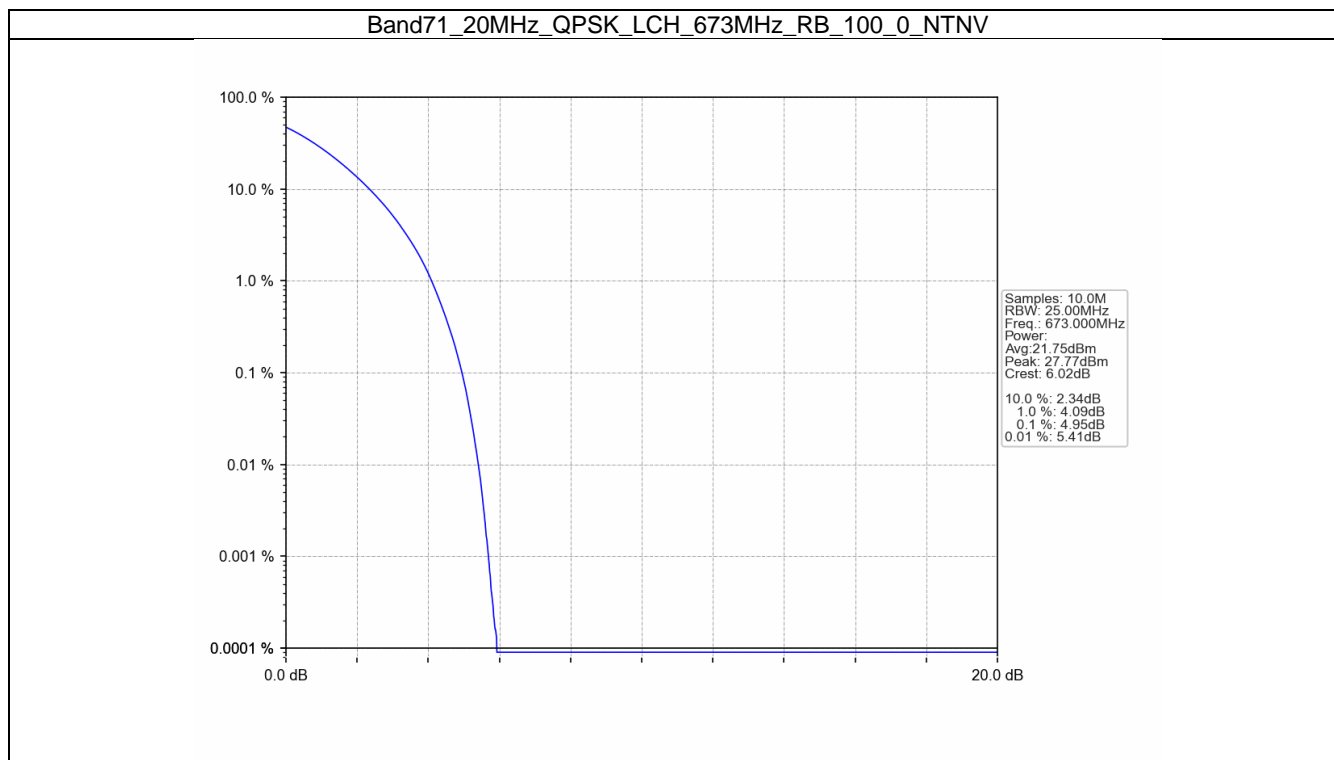
## 5.4 B71\_20MHz

### 5.4.1 Test Result

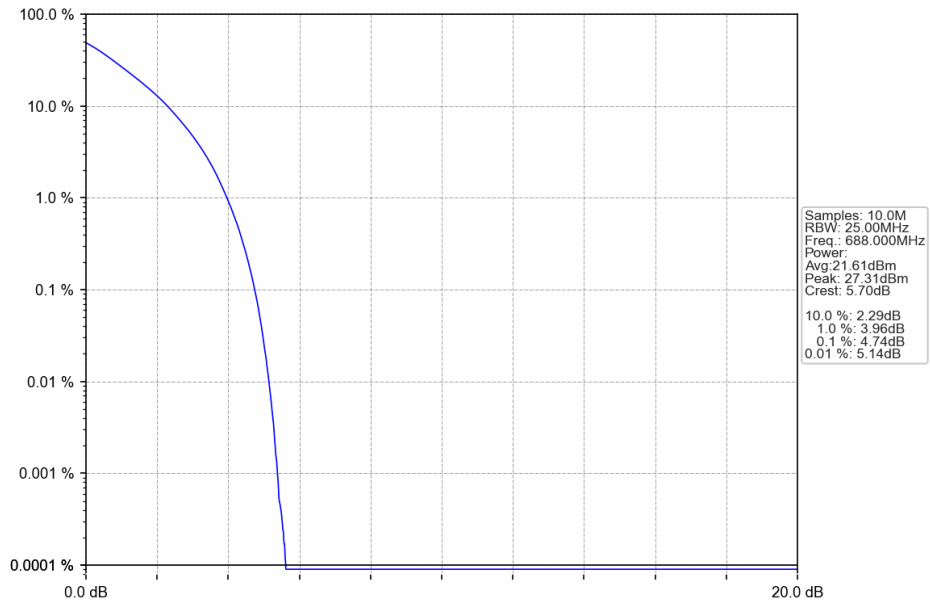
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	4.95	<=13	Pass
	683	100	0	5.16	<=13	Pass
	688	100	0	4.74	<=13	Pass
16QAM	673	100	0	5.71	<=13	Pass
	683	100	0	5.80	<=13	Pass
	688	100	0	5.54	<=13	Pass



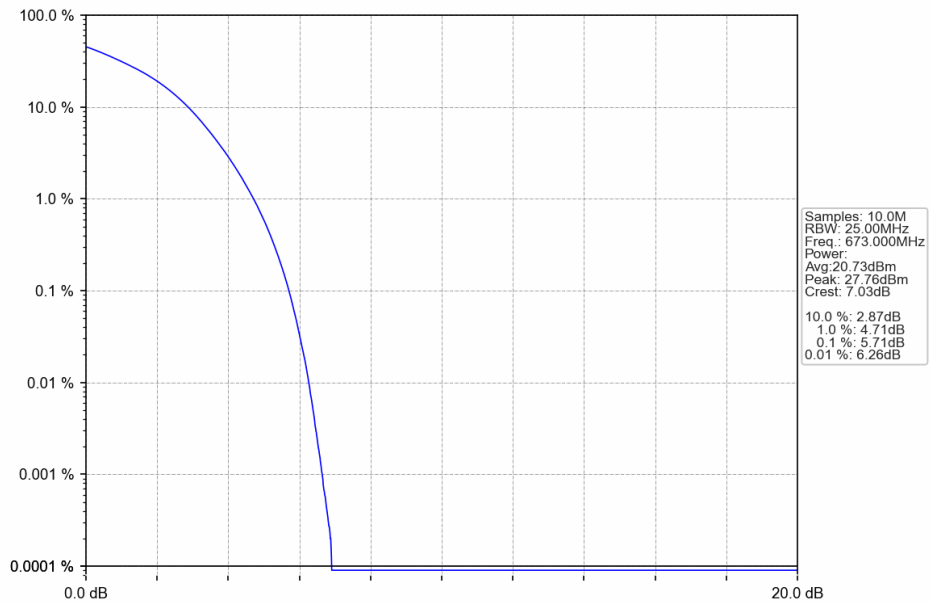
## 5.4.2 Test Graph



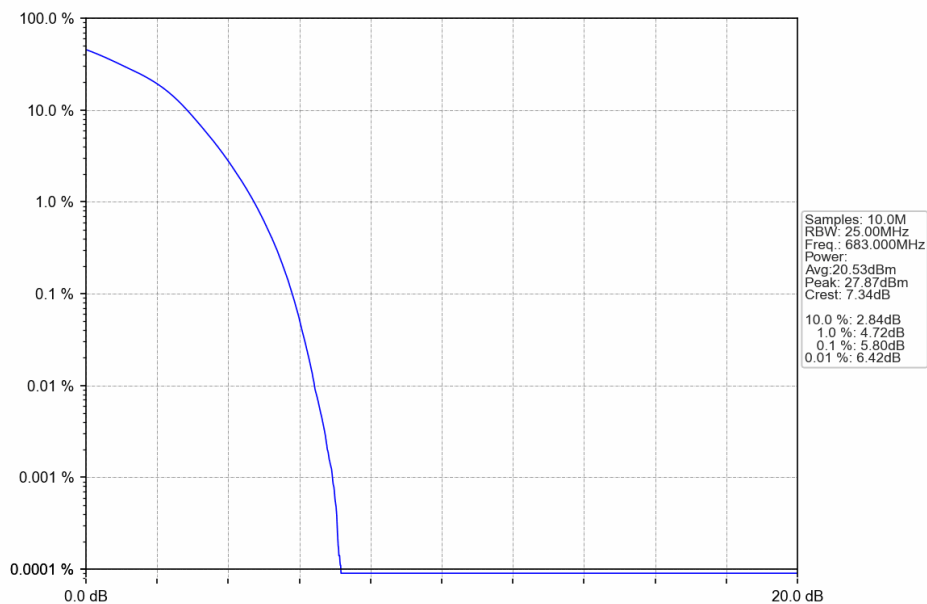
Band71\_20MHz\_QPSK\_HCH\_688MHz\_RB\_100\_0\_NTNV



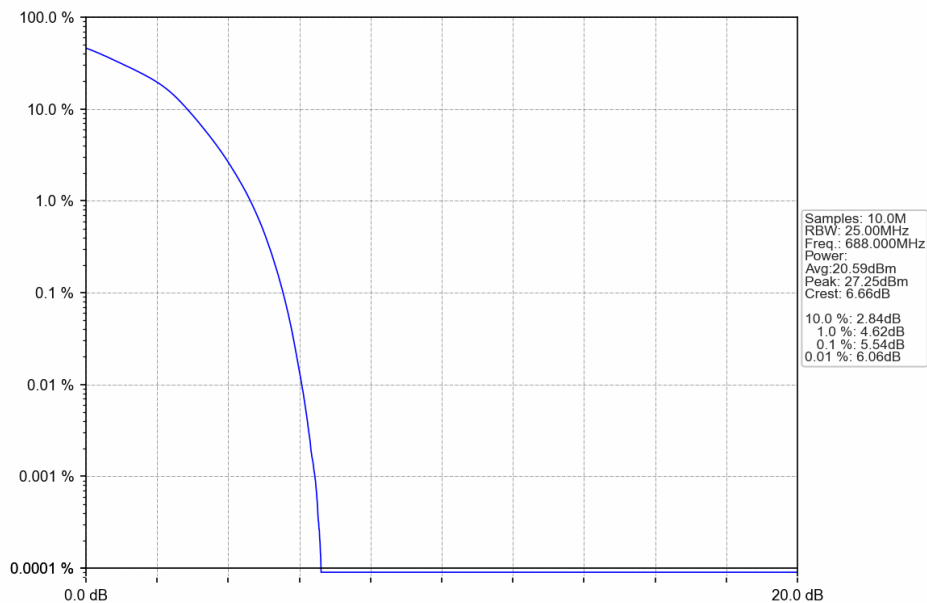
Band71\_20MHz\_16QAM\_LCH\_673MHz\_RB\_100\_0\_NTNV



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



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



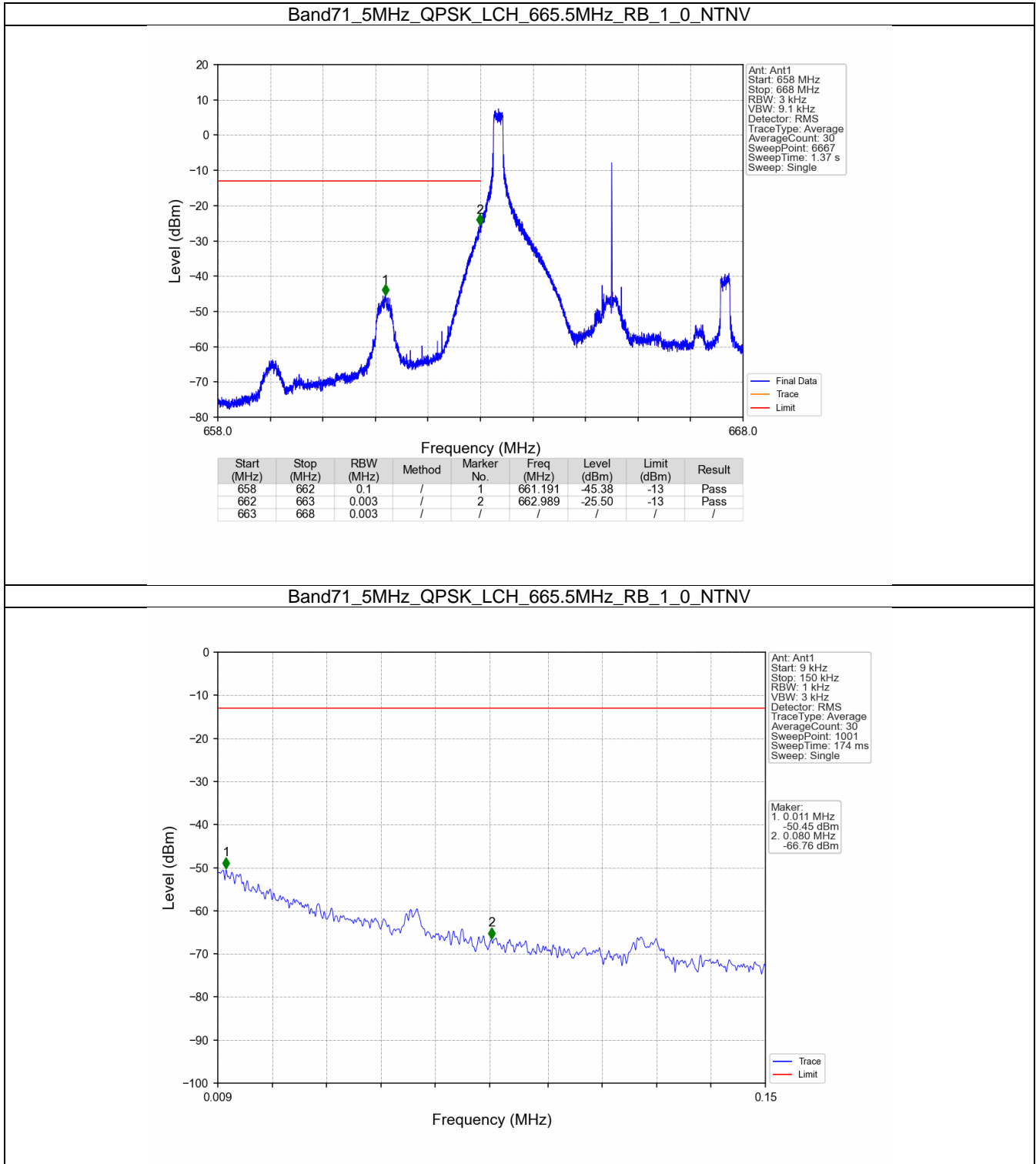
## 6. Spurious Emission

### 6.1 B71\_5MHz

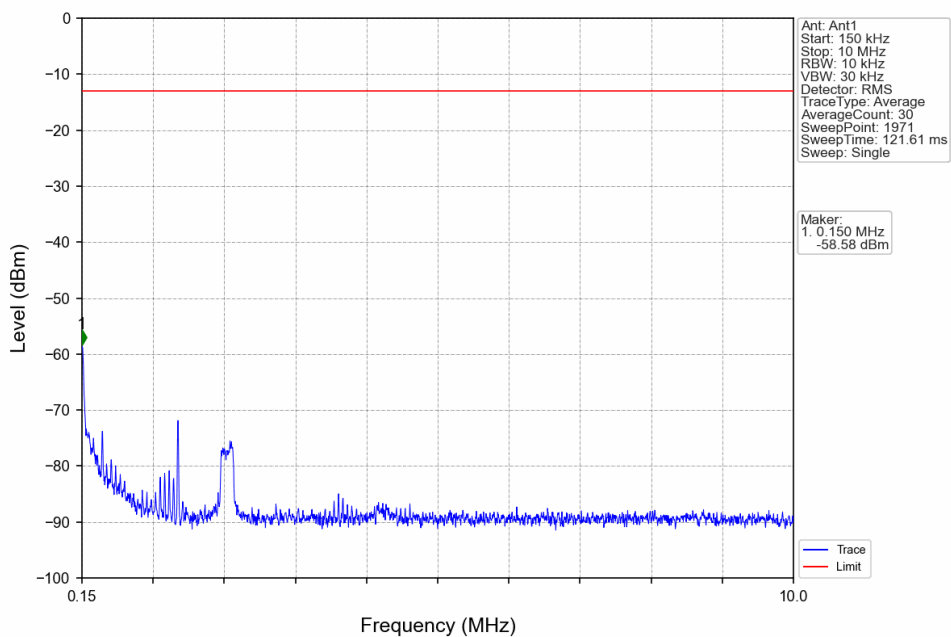
#### 6.1.1 Test Result

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

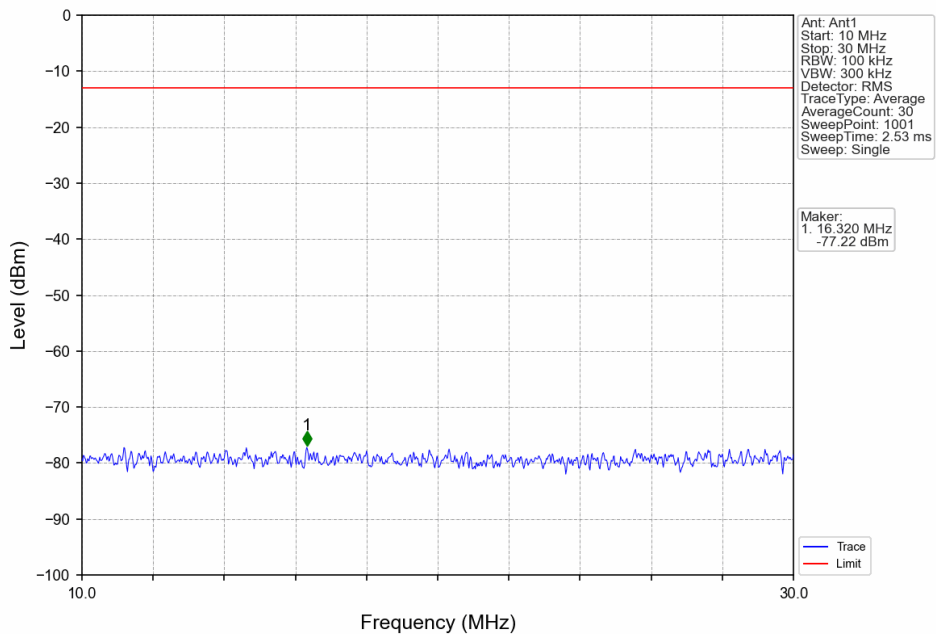
### 6.1.2 Test Graph



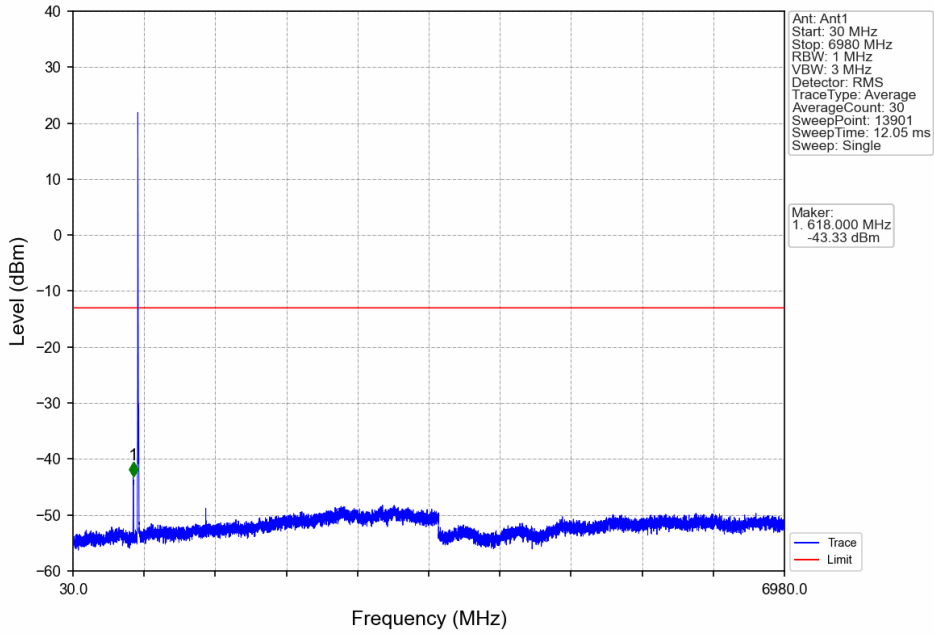
Band71\_5MHz\_QPSK\_LCH\_665.5MHz\_RB\_1\_0\_NTNV



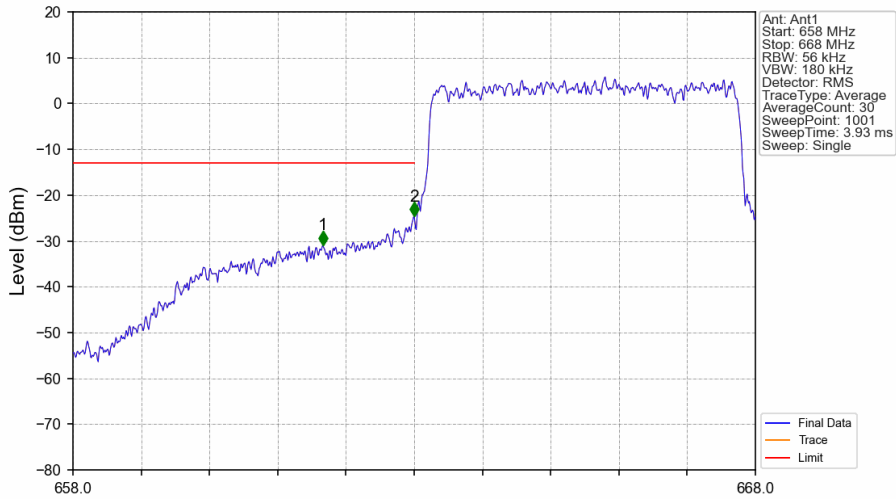
Band71\_5MHz\_QPSK\_LCH\_665.5MHz\_RB\_1\_0\_NTNV



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

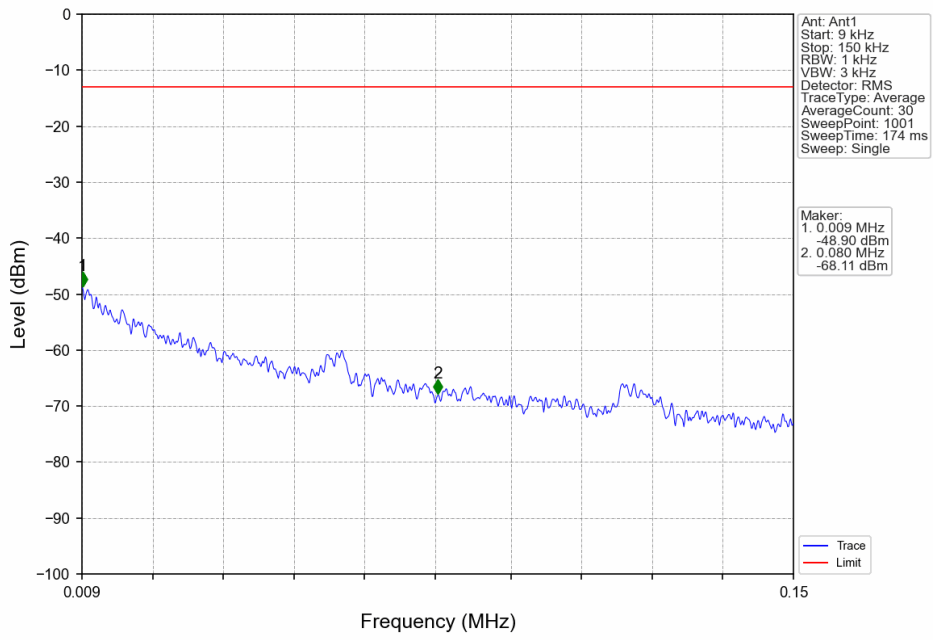


Band71\_5MHz\_QPSK\_LCH\_665.5MHz\_RB\_25\_0\_NTNV

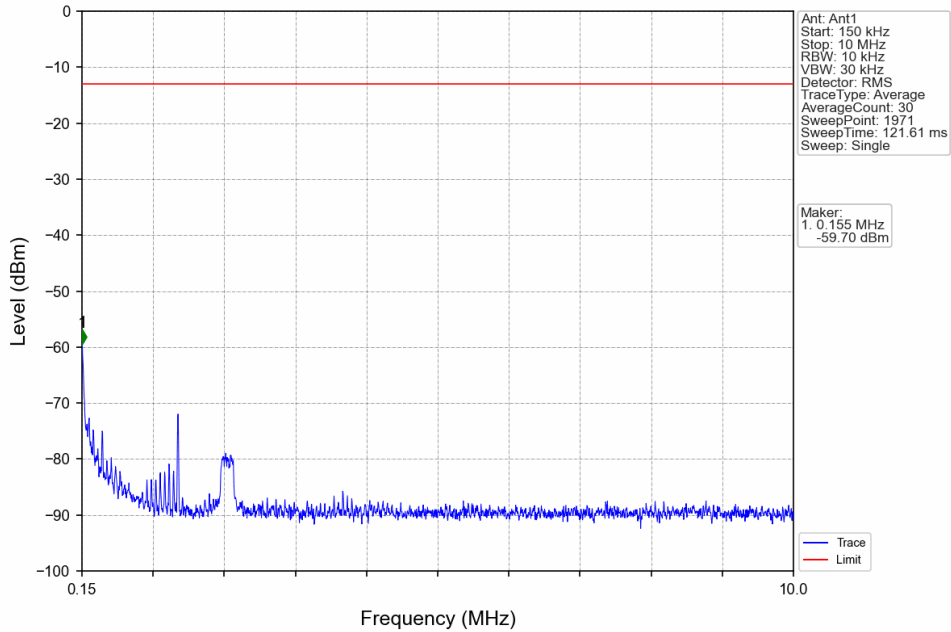


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	/	1	661.660	-30.91	-13	Pass
662	663	0.056	/	2	663.000	-24.59	-13	Pass
663	668	0.056	/	/	/	/	/	/

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

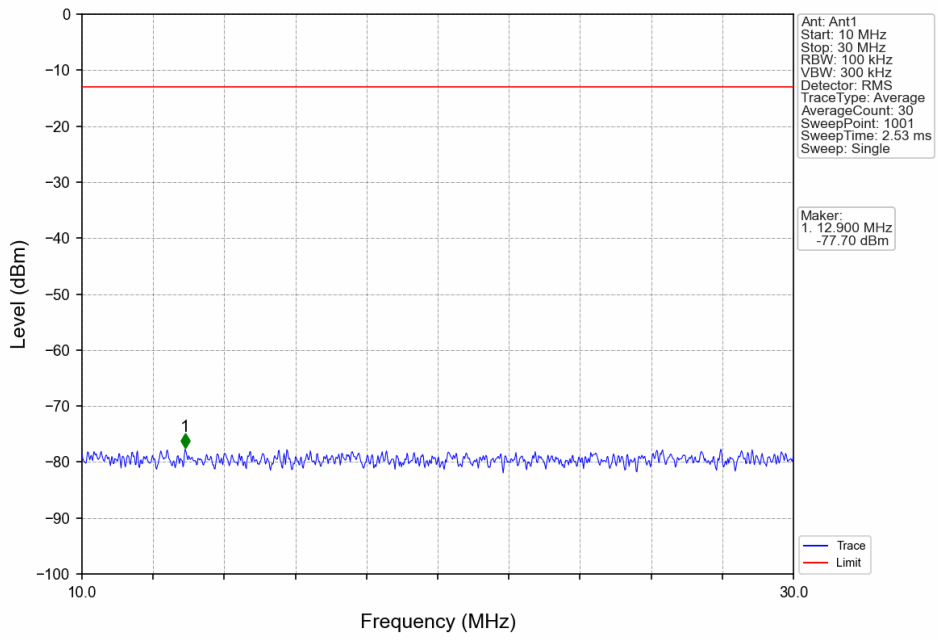


Band71\_5MHz\_QPSK\_MCH\_680.5MHz\_RB\_1\_0\_NTNV

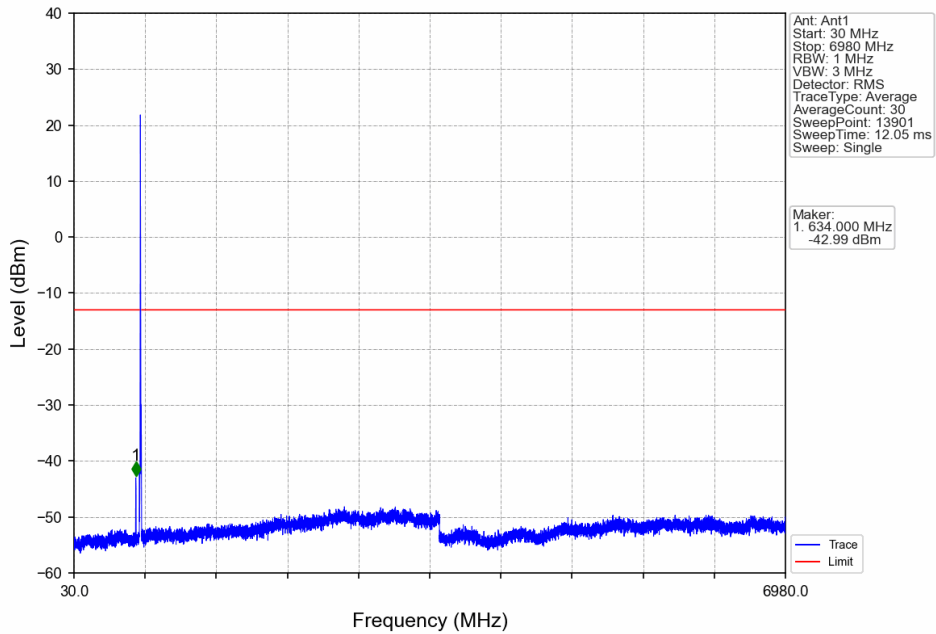




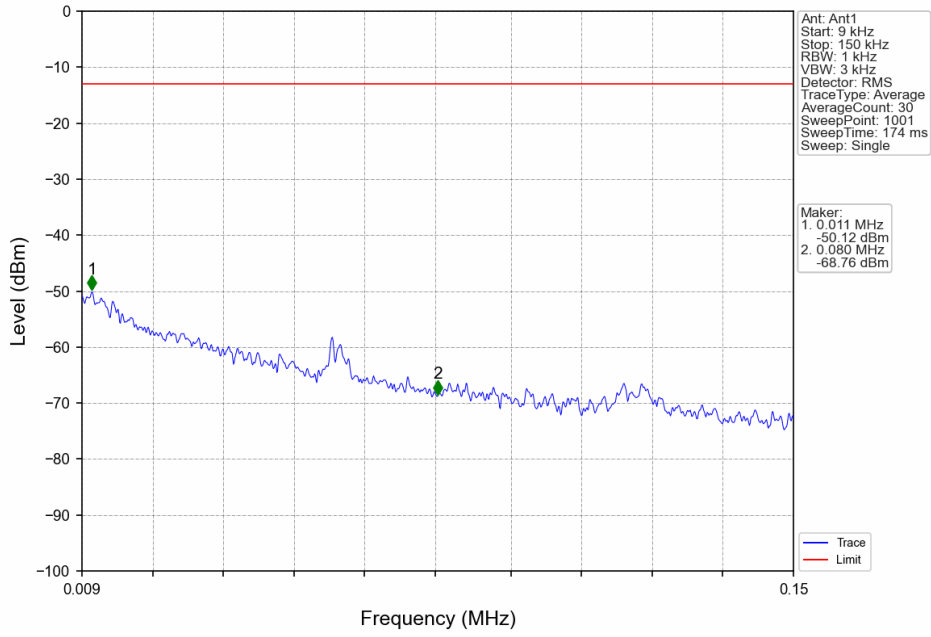
Band71\_5MHz\_QPSK\_MCH\_680.5MHz\_RB\_1\_0\_NTNV



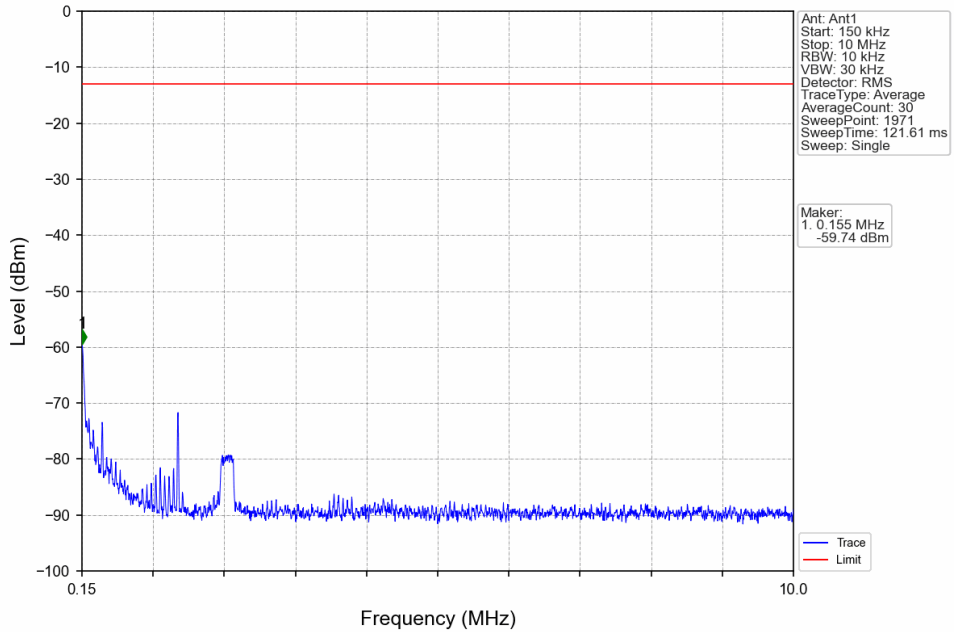
Band71\_5MHz\_QPSK\_MCH\_680.5MHz\_RB\_1\_0\_NTNV



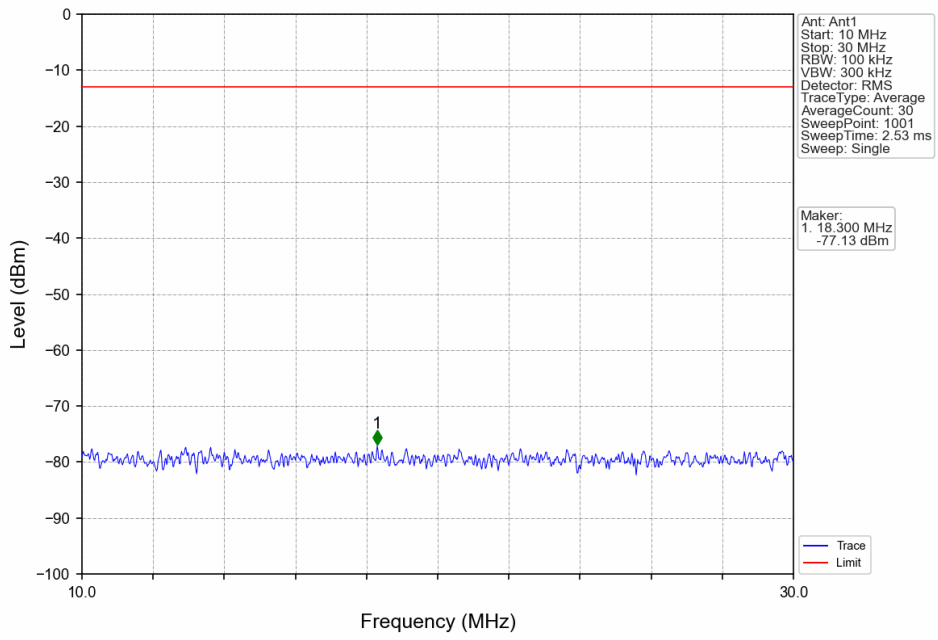
Band71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_1\_0\_NTNV



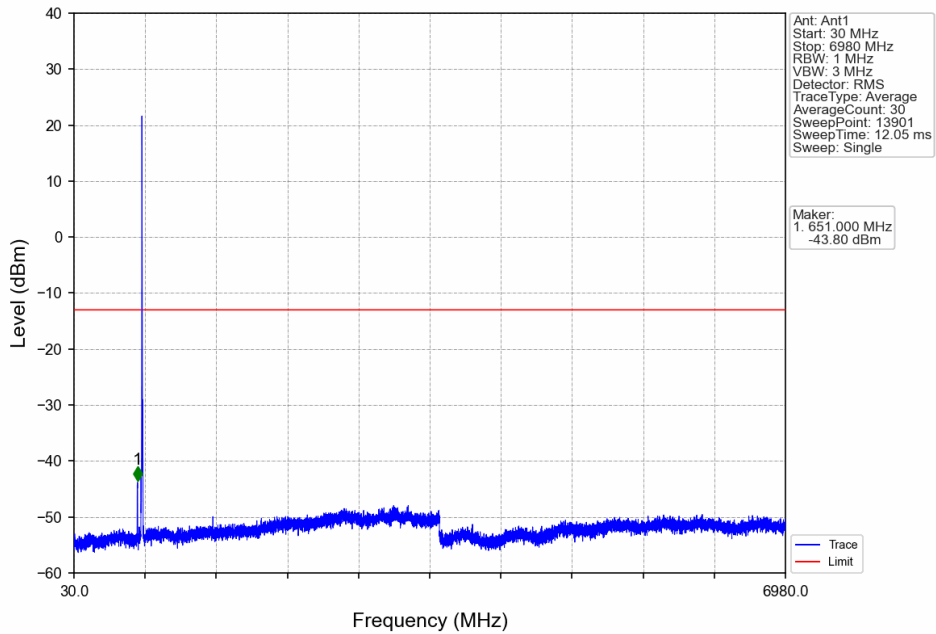
Band71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_1\_0\_NTNV



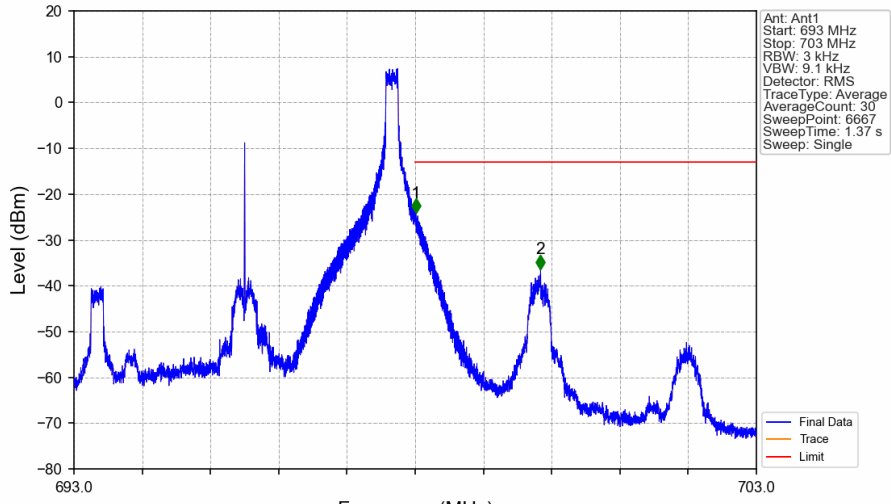
Band71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_1\_0\_NTNV



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

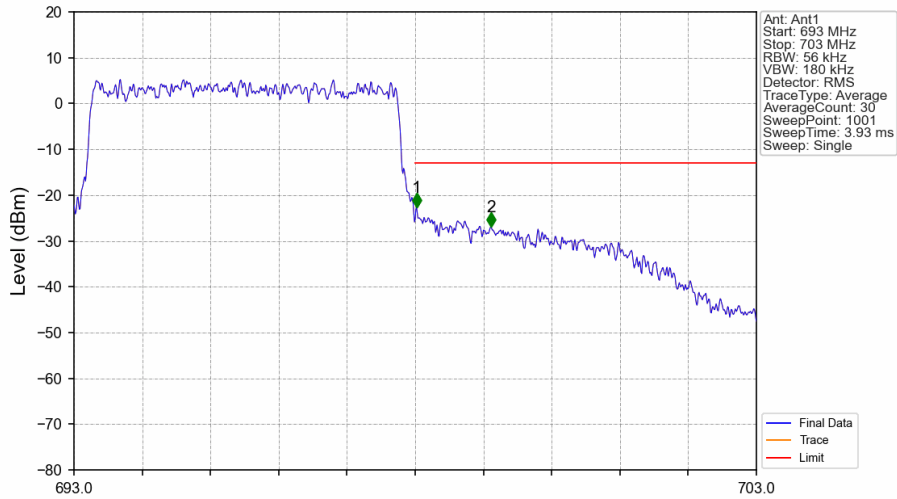


Band71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_1\_24\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.011	-24.08	-13	Pass
699	703	0.1	/	2	699.838	-36.38	-13	Pass

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



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.056	/	/	/	/	/	/
698	699	0.056	/	1	698.020	-22.66	-13	Pass
699	703	0.1	/	2	699.110	-26.89	-13	Pass