

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B41\_5MHz\_EIRP

### 1.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2498.5	1	0	19.58	2.74	22.32	<=33.01	Pass		
			13	19.84	2.74	22.58	<=33.01	Pass		
			24	19.72	2.74	22.46	<=33.01	Pass		
		12	0	18.81	2.74	21.55	<=33.01	Pass		
			6	18.86	2.74	21.60	<=33.01	Pass		
			13	18.81	2.74	21.55	<=33.01	Pass		
		25	0	18.81	2.74	21.55	<=33.01	Pass		
		2593	1	0	20.40	2.74	23.14	<=33.01	Pass	
				13	20.64	2.74	23.38	<=33.01	Pass	
	24			20.54	2.74	23.28	<=33.01	Pass		
	12		0	19.46	2.74	22.20	<=33.01	Pass		
			6	19.60	2.74	22.34	<=33.01	Pass		
			13	19.53	2.74	22.27	<=33.01	Pass		
	25	0	19.56	2.74	22.30	<=33.01	Pass			
	2687.5	1	0	21.60	2.74	24.34	<=33.01	Pass		
			13	21.63	2.74	24.37	<=33.01	Pass		
			24	21.11	2.74	23.85	<=33.01	Pass		
		12	0	20.74	2.74	23.48	<=33.01	Pass		
			6	20.78	2.74	23.52	<=33.01	Pass		
			13	20.36	2.74	23.10	<=33.01	Pass		
		25	0	20.42	2.74	23.16	<=33.01	Pass		
		16QAM	2498.5	1	0	18.49	2.74	21.23	<=33.01	Pass
					13	18.84	2.74	21.58	<=33.01	Pass
	24				18.66	2.74	21.40	<=33.01	Pass	
12	0			17.79	2.74	20.53	<=33.01	Pass		
	6			17.80	2.74	20.54	<=33.01	Pass		
	13			17.79	2.74	20.53	<=33.01	Pass		
25	0			17.53	2.74	20.27	<=33.01	Pass		
2593	1			0	19.28	2.74	22.02	<=33.01	Pass	
				13	19.51	2.74	22.25	<=33.01	Pass	
			24	19.70	2.74	22.44	<=33.01	Pass		
	12		0	18.42	2.74	21.16	<=33.01	Pass		
			6	18.48	2.74	21.22	<=33.01	Pass		
			13	18.46	2.74	21.20	<=33.01	Pass		
25	0		18.39	2.74	21.13	<=33.01	Pass			
2687.5	1		0	20.32	2.74	23.06	<=33.01	Pass		
			13	20.41	2.74	23.15	<=33.01	Pass		
			24	20.55	2.74	23.29	<=33.01	Pass		
	12		0	19.38	2.74	22.12	<=33.01	Pass		
			6	19.42	2.74	22.16	<=33.01	Pass		
			13	19.24	2.74	21.98	<=33.01	Pass		
	25		0	19.54	2.74	22.28	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.2 B41\_10MHz\_EIRP

### 1.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2501	1	0	20.23	2.74	22.97	<=33.01	Pass
			25	19.80	2.74	22.54	<=33.01	Pass
			49	19.74	2.74	22.48	<=33.01	Pass
		25	0	18.83	2.74	21.57	<=33.01	Pass
			13	18.83	2.74	21.57	<=33.01	Pass
			25	18.88	2.74	21.62	<=33.01	Pass
	50	0	18.66	2.74	21.40	<=33.01	Pass	
	2593	1	0	20.33	2.74	23.07	<=33.01	Pass
			25	20.83	2.74	23.57	<=33.01	Pass
			49	20.45	2.74	23.19	<=33.01	Pass
		25	0	19.62	2.74	22.36	<=33.01	Pass
			13	19.62	2.74	22.36	<=33.01	Pass
			25	19.63	2.74	22.37	<=33.01	Pass
	50	0	19.55	2.74	22.29	<=33.01	Pass	
	2685	1	0	21.65	2.74	24.39	<=33.01	Pass
			25	21.82	2.74	24.56	<=33.01	Pass
			49	21.13	2.74	23.87	<=33.01	Pass
		25	0	20.96	2.74	23.70	<=33.01	Pass
13			20.52	2.74	23.26	<=33.01	Pass	
25			20.67	2.74	23.41	<=33.01	Pass	
50	0	20.72	2.74	23.46	<=33.01	Pass		
16QAM	2501	1	0	18.27	2.74	21.01	<=33.01	Pass
			25	18.79	2.74	21.53	<=33.01	Pass
			49	18.27	2.74	21.01	<=33.01	Pass
		25	0	17.60	2.74	20.34	<=33.01	Pass
			13	17.59	2.74	20.33	<=33.01	Pass
			25	17.77	2.74	20.51	<=33.01	Pass
	50	0	17.76	2.74	20.50	<=33.01	Pass	
	2593	1	0	19.18	2.74	21.92	<=33.01	Pass
			25	19.44	2.74	22.18	<=33.01	Pass
			49	19.29	2.74	22.03	<=33.01	Pass
		25	0	18.52	2.74	21.26	<=33.01	Pass
			13	18.41	2.74	21.15	<=33.01	Pass
			25	18.44	2.74	21.18	<=33.01	Pass
	50	0	18.41	2.74	21.15	<=33.01	Pass	
	2685	1	0	20.39	2.74	23.13	<=33.01	Pass
			25	20.64	2.74	23.38	<=33.01	Pass
			49	20.36	2.74	23.10	<=33.01	Pass
		25	0	19.46	2.74	22.20	<=33.01	Pass
13			19.60	2.74	22.34	<=33.01	Pass	
25			19.37	2.74	22.11	<=33.01	Pass	
50	0	19.59	2.74	22.33	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

### 1.3 B41\_15MHz\_EIRP

#### 1.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2503.5	1	0	20.00	2.74	22.74	<=33.01	Pass		
			38	20.26	2.74	23.00	<=33.01	Pass		
			74	19.52	2.74	22.26	<=33.01	Pass		
		36	0	18.64	2.74	21.38	<=33.01	Pass		
			18	18.85	2.74	21.59	<=33.01	Pass		
			39	18.82	2.74	21.56	<=33.01	Pass		
		75	0	18.66	2.74	21.40	<=33.01	Pass		
		2593	1	0	20.30	2.74	23.04	<=33.01	Pass	
				38	20.55	2.74	23.29	<=33.01	Pass	
	74			20.45	2.74	23.19	<=33.01	Pass		
	36		0	19.58	2.74	22.32	<=33.01	Pass		
			18	19.52	2.74	22.26	<=33.01	Pass		
			39	19.54	2.74	22.28	<=33.01	Pass		
	75		0	19.64	2.74	22.38	<=33.01	Pass		
	2682.5		1	0	21.48	2.74	24.22	<=33.01	Pass	
				38	21.50	2.74	24.24	<=33.01	Pass	
		74		21.47	2.74	24.21	<=33.01	Pass		
		36	0	20.87	2.74	23.61	<=33.01	Pass		
			18	20.63	2.74	23.37	<=33.01	Pass		
			39	20.52	2.74	23.26	<=33.01	Pass		
		75	0	20.83	2.74	23.57	<=33.01	Pass		
		16QAM	2503.5	1	0	18.36	2.74	21.10	<=33.01	Pass
					38	18.91	2.74	21.65	<=33.01	Pass
	74				18.72	2.74	21.46	<=33.01	Pass	
36	0			17.57	2.74	20.31	<=33.01	Pass		
	18			17.76	2.74	20.50	<=33.01	Pass		
	39			17.82	2.74	20.56	<=33.01	Pass		
75	0			17.56	2.74	20.30	<=33.01	Pass		
2593	1			0	19.02	2.74	21.76	<=33.01	Pass	
				38	19.35	2.74	22.09	<=33.01	Pass	
			74	19.19	2.74	21.93	<=33.01	Pass		
	36		0	18.49	2.74	21.23	<=33.01	Pass		
			18	18.54	2.74	21.28	<=33.01	Pass		
			39	18.50	2.74	21.24	<=33.01	Pass		
	75		0	18.50	2.74	21.24	<=33.01	Pass		
	2682.5		1	0	20.25	2.74	22.99	<=33.01	Pass	
				38	20.40	2.74	23.14	<=33.01	Pass	
74				20.19	2.74	22.93	<=33.01	Pass		
36			0	19.71	2.74	22.45	<=33.01	Pass		
			18	19.51	2.74	22.25	<=33.01	Pass		
			39	19.51	2.74	22.25	<=33.01	Pass		
75			0	19.45	2.74	22.19	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.4 B41\_20MHz\_EIRP

### 1.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2506	1	0	19.63	2.74	22.37	<=33.01	Pass		
			50	20.33	2.74	23.07	<=33.01	Pass		
			99	19.90	2.74	22.64	<=33.01	Pass		
		50	0	18.68	2.74	21.42	<=33.01	Pass		
			25	18.60	2.74	21.34	<=33.01	Pass		
			50	18.81	2.74	21.55	<=33.01	Pass		
		100	0	18.81	2.74	21.55	<=33.01	Pass		
		2593	1	0	20.26	2.74	23.00	<=33.01	Pass	
				50	20.95	2.74	23.69	<=33.01	Pass	
	99			20.17	2.74	22.91	<=33.01	Pass		
	50		0	19.49	2.74	22.23	<=33.01	Pass		
			25	19.50	2.74	22.24	<=33.01	Pass		
			50	19.54	2.74	22.28	<=33.01	Pass		
	100		0	19.64	2.74	22.38	<=33.01	Pass		
	2680		1	0	21.22	2.74	23.96	<=33.01	Pass	
				50	21.83	2.74	24.57	<=33.01	Pass	
		99		21.14	2.74	23.88	<=33.01	Pass		
		50	0	20.77	2.74	23.51	<=33.01	Pass		
			25	20.64	2.74	23.38	<=33.01	Pass		
			50	20.23	2.74	22.97	<=33.01	Pass		
		100	0	20.61	2.74	23.35	<=33.01	Pass		
		16QAM	2506	1	0	17.83	2.74	20.57	<=33.01	Pass
					50	18.83	2.74	21.57	<=33.01	Pass
	99				18.42	2.74	21.16	<=33.01	Pass	
50	0			17.53	2.74	20.27	<=33.01	Pass		
	25			17.55	2.74	20.29	<=33.01	Pass		
	50			17.72	2.74	20.46	<=33.01	Pass		
100	0			17.74	2.74	20.48	<=33.01	Pass		
2593	1			0	18.81	2.74	21.55	<=33.01	Pass	
				50	19.55	2.74	22.29	<=33.01	Pass	
			99	19.08	2.74	21.82	<=33.01	Pass		
	50		0	18.50	2.74	21.24	<=33.01	Pass		
			25	18.64	2.74	21.38	<=33.01	Pass		
			50	18.95	2.74	21.69	<=33.01	Pass		
	100		0	18.79	2.74	21.53	<=33.01	Pass		
	2680		1	0	20.24	2.74	22.98	<=33.01	Pass	
				50	20.42	2.74	23.16	<=33.01	Pass	
99				20.19	2.74	22.93	<=33.01	Pass		
50			0	19.70	2.74	22.44	<=33.01	Pass		
			25	19.56	2.74	22.30	<=33.01	Pass		
			50	19.16	2.74	21.90	<=33.01	Pass		
100			0	19.33	2.74	22.07	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 B41\_5MHz

#### 2.1.1 Test Result

Band: 41 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2498.5	25	0	20	3.27	-11.301	-0.0045	-2.5 to 2.5	Pass
					3.85	-19.512	-0.0078	-2.5 to 2.5	Pass
					4.43	-22.788	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-27.008	-0.0108	-2.5 to 2.5	Pass
				-20	3.85	-50.054	-0.0200	-2.5 to 2.5	Pass
				-10	3.85	-44.374	-0.0178	-2.5 to 2.5	Pass
				0	3.85	-50.998	-0.0204	-2.5 to 2.5	Pass
				10	3.85	-46.635	-0.0187	-2.5 to 2.5	Pass
				30	3.85	-61.698	-0.0247	-2.5 to 2.5	Pass
				40	3.85	-37.837	-0.0151	-2.5 to 2.5	Pass
	50	3.85	-47.965	-0.0192	-2.5 to 2.5	Pass			
	2593	25	0	20	3.27	-12.131	-0.0047	-2.5 to 2.5	Pass
					3.85	-18.640	-0.0072	-2.5 to 2.5	Pass
					4.43	-4.020	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-7.753	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-3.219	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	3.777	0.0015	-2.5 to 2.5	Pass
				0	3.85	-0.615	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-14.520	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-27.323	-0.0105	-2.5 to 2.5	Pass
				40	3.85	-28.739	-0.0111	-2.5 to 2.5	Pass
	50	3.85	-30.570	-0.0118	-2.5 to 2.5	Pass			
	2687.5	25	0	20	3.27	-18.082	-0.0067	-2.5 to 2.5	Pass
					3.85	-39.310	-0.0146	-2.5 to 2.5	Pass
					4.43	-30.842	-0.0115	-2.5 to 2.5	Pass
				-30	3.85	-32.415	-0.0121	-2.5 to 2.5	Pass
				-20	3.85	-41.499	-0.0154	-2.5 to 2.5	Pass
				-10	3.85	-44.317	-0.0165	-2.5 to 2.5	Pass
				0	3.85	-41.914	-0.0156	-2.5 to 2.5	Pass
				10	3.85	-49.009	-0.0182	-2.5 to 2.5	Pass
30				3.85	-39.225	-0.0146	-2.5 to 2.5	Pass	
40				3.85	-52.085	-0.0194	-2.5 to 2.5	Pass	
50	3.85	-37.980	-0.0141	-2.5 to 2.5	Pass				
16QAM	2498.5	25	0	20	3.27	-58.751	-0.0235	-2.5 to 2.5	Pass
					3.85	-55.919	-0.0224	-2.5 to 2.5	Pass
					4.43	-55.633	-0.0223	-2.5 to 2.5	Pass
				-30	3.85	-42.257	-0.0169	-2.5 to 2.5	Pass
				-20	3.85	-40.197	-0.0161	-2.5 to 2.5	Pass
				-10	3.85	-35.663	-0.0143	-2.5 to 2.5	Pass
				0	3.85	-38.795	-0.0155	-2.5 to 2.5	Pass
				10	3.85	-48.208	-0.0193	-2.5 to 2.5	Pass
				30	3.85	-35.806	-0.0143	-2.5 to 2.5	Pass
				40	3.85	-49.767	-0.0199	-2.5 to 2.5	Pass
	50	3.85	-24.118	-0.0097	-2.5 to 2.5	Pass			
	2593	25	0	20	3.27	-10.486	-0.0040	-2.5 to 2.5	Pass
					3.85	-5.736	-0.0022	-2.5 to 2.5	Pass

					4.43	-19.255	-0.0074	-2.5 to 2.5	Pass			
				-30	3.85	-24.776	-0.0096	-2.5 to 2.5	Pass			
				-20	3.85	-15.693	-0.0061	-2.5 to 2.5	Pass			
				-10	3.85	-18.740	-0.0072	-2.5 to 2.5	Pass			
				0	3.85	-10.700	-0.0041	-2.5 to 2.5	Pass			
				10	3.85	-0.114	0.0000	-2.5 to 2.5	Pass			
				30	3.85	-21.071	-0.0081	-2.5 to 2.5	Pass			
				40	3.85	5.136	0.0020	-2.5 to 2.5	Pass			
				50	3.85	-18.940	-0.0073	-2.5 to 2.5	Pass			
	2687.5	25	0	20	3.27	-59.624	-0.0222	-2.5 to 2.5	Pass			
								3.85	-56.219	-0.0209	-2.5 to 2.5	Pass
								4.43	-61.841	-0.0230	-2.5 to 2.5	Pass
							-30	3.85	-40.541	-0.0151	-2.5 to 2.5	Pass
							-20	3.85	-40.784	-0.0152	-2.5 to 2.5	Pass
							-10	3.85	-52.657	-0.0196	-2.5 to 2.5	Pass
							0	3.85	-35.076	-0.0131	-2.5 to 2.5	Pass
							10	3.85	-61.011	-0.0227	-2.5 to 2.5	Pass
							30	3.85	-15.349	-0.0057	-2.5 to 2.5	Pass
							40	3.85	-11.301	-0.0042	-2.5 to 2.5	Pass
							50	3.85	-14.505	-0.0054	-2.5 to 2.5	Pass

## 2.2 B41\_10MHz

### 2.2.1 Test Result

Band: 41 / Bandwidth: 10MHz													
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict				
		Size	Offset				Result	Limit					
QPSK	2501	50	0	20	3.27	-14.391	-0.0058	-2.5 to 2.5	Pass				
						3.85	-4.749	-0.0019	-2.5 to 2.5	Pass			
						4.43	-12.102	-0.0048	-2.5 to 2.5	Pass			
								-30	3.85	3.648	0.0015	-2.5 to 2.5	Pass
								-20	3.85	-12.417	-0.0050	-2.5 to 2.5	Pass
								-10	3.85	-13.518	-0.0054	-2.5 to 2.5	Pass
								0	3.85	-3.061	-0.0012	-2.5 to 2.5	Pass
								10	3.85	0.701	0.0003	-2.5 to 2.5	Pass
								30	3.85	-5.007	-0.0020	-2.5 to 2.5	Pass
								40	3.85	-6.194	-0.0025	-2.5 to 2.5	Pass
								50	3.85	-11.902	-0.0048	-2.5 to 2.5	Pass
					2593	50	0	20	3.27	-3.247	-0.0013	-2.5 to 2.5	Pass
									3.85	-16.322	-0.0063	-2.5 to 2.5	Pass
									4.43	-6.151	-0.0024	-2.5 to 2.5	Pass
								-30	3.85	-4.120	-0.0016	-2.5 to 2.5	Pass
								-20	3.85	-5.922	-0.0023	-2.5 to 2.5	Pass
								-10	3.85	-2.818	-0.0011	-2.5 to 2.5	Pass
								0	3.85	-16.665	-0.0064	-2.5 to 2.5	Pass
								10	3.85	-5.579	-0.0022	-2.5 to 2.5	Pass
								30	3.85	-10.786	-0.0042	-2.5 to 2.5	Pass
								40	3.85	-11.444	-0.0044	-2.5 to 2.5	Pass
								50	3.85	-6.008	-0.0023	-2.5 to 2.5	Pass
		2685	50	0				20	3.27	-15.063	-0.0056	-2.5 to 2.5	Pass
									3.85	-11.802	-0.0044	-2.5 to 2.5	Pass
									4.43	-8.469	-0.0032	-2.5 to 2.5	Pass
								-30	3.85	-10.071	-0.0038	-2.5 to 2.5	Pass
					-20	3.85	-8.039	-0.0030	-2.5 to 2.5	Pass			

				-10	3.85	-4.692	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-3.848	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-16.966	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-6.108	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-10.214	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-8.454	-0.0031	-2.5 to 2.5	Pass
16QAM	2501	50	0	20	3.27	-8.197	-0.0033	-2.5 to 2.5	Pass
					3.85	-7.725	-0.0031	-2.5 to 2.5	Pass
					4.43	-11.702	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-14.334	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-3.476	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-16.494	-0.0066	-2.5 to 2.5	Pass
				0	3.85	-11.616	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-11.373	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-8.183	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-11.387	-0.0046	-2.5 to 2.5	Pass
	50	3.85	3.533	0.0014	-2.5 to 2.5	Pass			
	2593	50	0	20	3.27	-6.638	-0.0026	-2.5 to 2.5	Pass
					3.85	-5.522	-0.0021	-2.5 to 2.5	Pass
					4.43	-6.294	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-16.880	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-7.768	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-7.854	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-5.980	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-2.761	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-15.979	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-4.320	-0.0017	-2.5 to 2.5	Pass
	50	3.85	-2.704	-0.0010	-2.5 to 2.5	Pass			
	2685	50	0	20	3.27	-7.925	-0.0030	-2.5 to 2.5	Pass
					3.85	-7.925	-0.0030	-2.5 to 2.5	Pass
					4.43	-13.576	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-13.661	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-10.357	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-20.742	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-15.492	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-1.359	-0.0005	-2.5 to 2.5	Pass
30				3.85	-3.519	-0.0013	-2.5 to 2.5	Pass	
40				3.85	-15.450	-0.0058	-2.5 to 2.5	Pass	
50	3.85	-6.094	-0.0023	-2.5 to 2.5	Pass				

## 2.3 B41\_15MHz

### 2.3.1 Test Result

Band: 41 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2503.5	75	0	20	3.27	-12.403	-0.0050	-2.5 to 2.5	Pass
					3.85	-8.883	-0.0035	-2.5 to 2.5	Pass
					4.43	-12.803	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-16.923	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-7.982	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-51.398	-0.0205	-2.5 to 2.5	Pass
				0	3.85	-3.161	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-7.024	-0.0028	-2.5 to 2.5	Pass

	2593	75	0	30	3.85	-4.792	-0.0019	-2.5 to 2.5	Pass	
				40	3.85	-6.452	-0.0026	-2.5 to 2.5	Pass	
				50	3.85	-12.331	-0.0049	-2.5 to 2.5	Pass	
				20	3.27	0.744	0.0003	-2.5 to 2.5	Pass	
					3.85	-4.978	-0.0019	-2.5 to 2.5	Pass	
					4.43	-13.118	-0.0051	-2.5 to 2.5	Pass	
				-30	3.85	-16.294	-0.0063	-2.5 to 2.5	Pass	
				-20	3.85	-7.710	-0.0030	-2.5 to 2.5	Pass	
				-10	3.85	1.931	0.0007	-2.5 to 2.5	Pass	
				0	3.85	2.003	0.0008	-2.5 to 2.5	Pass	
				10	3.85	-11.759	-0.0045	-2.5 to 2.5	Pass	
				30	3.85	-6.924	-0.0027	-2.5 to 2.5	Pass	
	40	3.85	-5.050	-0.0019	-2.5 to 2.5	Pass				
	50	3.85	-7.224	-0.0028	-2.5 to 2.5	Pass				
	2682.5	75	0	20	3.27	-14.877	-0.0055	-2.5 to 2.5	Pass	
					3.85	-3.290	-0.0012	-2.5 to 2.5	Pass	
					4.43	-11.258	-0.0042	-2.5 to 2.5	Pass	
				-30	3.85	-2.532	-0.0009	-2.5 to 2.5	Pass	
				-20	3.85	-15.092	-0.0056	-2.5 to 2.5	Pass	
				-10	3.85	-11.058	-0.0041	-2.5 to 2.5	Pass	
				0	3.85	-4.148	-0.0015	-2.5 to 2.5	Pass	
				10	3.85	-9.413	-0.0035	-2.5 to 2.5	Pass	
				30	3.85	-15.149	-0.0056	-2.5 to 2.5	Pass	
				40	3.85	-4.320	-0.0016	-2.5 to 2.5	Pass	
				50	3.85	-11.916	-0.0044	-2.5 to 2.5	Pass	
				16QAM	2503.5	75	0	20	3.27	-15.907
	3.85	-11.373	-0.0045						-2.5 to 2.5	Pass
	4.43	-1.531	-0.0006						-2.5 to 2.5	Pass
	-30	3.85	-11.244					-0.0045	-2.5 to 2.5	Pass
	-20	3.85	-2.990					-0.0012	-2.5 to 2.5	Pass
-10	3.85	-12.875	-0.0051					-2.5 to 2.5	Pass	
0	3.85	-7.739	-0.0031					-2.5 to 2.5	Pass	
10	3.85	-19.641	-0.0078					-2.5 to 2.5	Pass	
30	3.85	-13.289	-0.0053					-2.5 to 2.5	Pass	
40	3.85	-10.600	-0.0042					-2.5 to 2.5	Pass	
50	3.85	-18.096	-0.0072					-2.5 to 2.5	Pass	
2593	75	0	20					3.27	-9.999	-0.0039
					3.85	-7.997	-0.0031	-2.5 to 2.5	Pass	
					4.43	2.689	0.0010	-2.5 to 2.5	Pass	
			-30		3.85	-5.636	-0.0022	-2.5 to 2.5	Pass	
			-20		3.85	-14.491	-0.0056	-2.5 to 2.5	Pass	
			-10		3.85	-3.362	-0.0013	-2.5 to 2.5	Pass	
			0		3.85	-10.514	-0.0041	-2.5 to 2.5	Pass	
			10		3.85	-6.452	-0.0025	-2.5 to 2.5	Pass	
			30		3.85	-6.866	-0.0026	-2.5 to 2.5	Pass	
			40		3.85	-9.942	-0.0038	-2.5 to 2.5	Pass	
			50		3.85	-9.599	-0.0037	-2.5 to 2.5	Pass	
			2682.5		75	0	20	3.27	-7.997	-0.0030
3.85	-2.589	-0.0010						-2.5 to 2.5	Pass	
4.43	-10.943	-0.0041						-2.5 to 2.5	Pass	
-30	3.85	-14.935					-0.0056	-2.5 to 2.5	Pass	
-20	3.85	-8.297					-0.0031	-2.5 to 2.5	Pass	
-10	3.85	-9.298					-0.0035	-2.5 to 2.5	Pass	
0	3.85	-9.785					-0.0036	-2.5 to 2.5	Pass	
10	3.85	-16.308					-0.0061	-2.5 to 2.5	Pass	
30	3.85	-12.703		-0.0047			-2.5 to 2.5	Pass		
40	3.85	-11.058		-0.0041			-2.5 to 2.5	Pass		



				50	3.85	2.947	0.0011	-2.5 to 2.5	Pass
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## 2.4 B41\_20MHz

### 2.4.1 Test Result

Band: 41 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2506	100	0	20	3.27	-3.676	-0.0015	-2.5 to 2.5	Pass
					3.85	-2.933	-0.0012	-2.5 to 2.5	Pass
					4.43	-6.151	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-9.127	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-4.621	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.047	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-4.420	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-5.565	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-7.882	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-0.916	-0.0004	-2.5 to 2.5	Pass
	50	3.85	-2.375	-0.0009	-2.5 to 2.5	Pass			
	2593	100	0	20	3.27	-12.660	-0.0049	-2.5 to 2.5	Pass
					3.85	-4.106	-0.0016	-2.5 to 2.5	Pass
					4.43	-11.687	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-6.995	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	2.275	0.0009	-2.5 to 2.5	Pass
				-10	3.85	-5.808	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-14.777	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-1.659	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-7.410	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-17.581	-0.0068	-2.5 to 2.5	Pass
	50	3.85	-4.134	-0.0016	-2.5 to 2.5	Pass			
	2680	100	0	20	3.27	-16.694	-0.0062	-2.5 to 2.5	Pass
					3.85	-9.656	-0.0036	-2.5 to 2.5	Pass
					4.43	-8.612	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-8.125	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-10.128	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-4.005	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-13.947	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-5.193	-0.0019	-2.5 to 2.5	Pass
30				3.85	-3.448	-0.0013	-2.5 to 2.5	Pass	
40				3.85	-12.703	-0.0047	-2.5 to 2.5	Pass	
50	3.85	-3.061	-0.0011	-2.5 to 2.5	Pass				
16QAM	2506	100	0	20	3.27	-5.178	-0.0021	-2.5 to 2.5	Pass
					3.85	-7.896	-0.0032	-2.5 to 2.5	Pass
					4.43	-8.683	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-5.479	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-5.336	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-9.027	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-5.536	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-6.680	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-0.973	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-4.663	-0.0019	-2.5 to 2.5	Pass
	50	3.85	-5.579	-0.0022	-2.5 to 2.5	Pass			
	2593	100	0	20	3.27	-5.922	-0.0023	-2.5 to 2.5	Pass
					3.85	-12.918	-0.0050	-2.5 to 2.5	Pass

					4.43	-2.646	-0.0010	-2.5 to 2.5	Pass			
				-30	3.85	-15.950	-0.0062	-2.5 to 2.5	Pass			
				-20	3.85	-9.985	-0.0039	-2.5 to 2.5	Pass			
				-10	3.85	-13.690	-0.0053	-2.5 to 2.5	Pass			
				0	3.85	-15.607	-0.0060	-2.5 to 2.5	Pass			
				10	3.85	-5.550	-0.0021	-2.5 to 2.5	Pass			
				30	3.85	-11.930	-0.0046	-2.5 to 2.5	Pass			
				40	3.85	-8.368	-0.0032	-2.5 to 2.5	Pass			
				50	3.85	-15.106	-0.0058	-2.5 to 2.5	Pass			
	2680	100	0	20	3.27	-0.143	-0.0001	-2.5 to 2.5	Pass			
3.85					-10.271	-0.0038	-2.5 to 2.5	Pass				
4.43					-13.461	-0.0050	-2.5 to 2.5	Pass				
							-30	3.85	-11.001	-0.0041	-2.5 to 2.5	Pass
							-20	3.85	0.701	0.0003	-2.5 to 2.5	Pass
							-10	3.85	-8.698	-0.0032	-2.5 to 2.5	Pass
							0	3.85	0.429	0.0002	-2.5 to 2.5	Pass
							10	3.85	-3.319	-0.0012	-2.5 to 2.5	Pass
							30	3.85	-9.227	-0.0034	-2.5 to 2.5	Pass
							40	3.85	-2.346	-0.0009	-2.5 to 2.5	Pass
							50	3.85	-6.051	-0.0023	-2.5 to 2.5	Pass

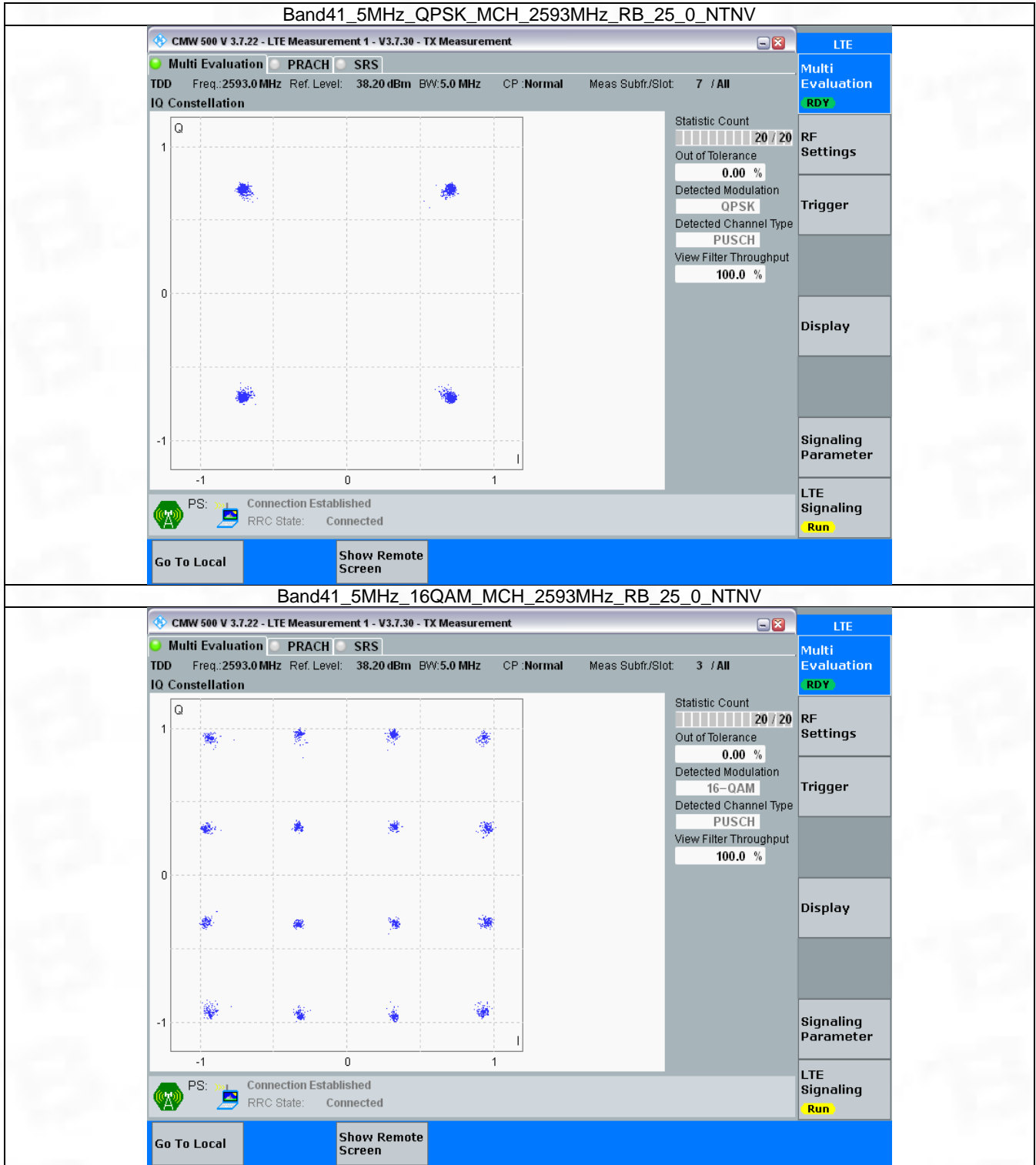
### 3. Modulation Characteristics

#### 3.1 B41\_5MHz

##### 3.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	25	0	Refer To Test Graph		Pass
16QAM	2593	25	0	Refer To Test Graph		Pass

### 3.1.2 Test Graph

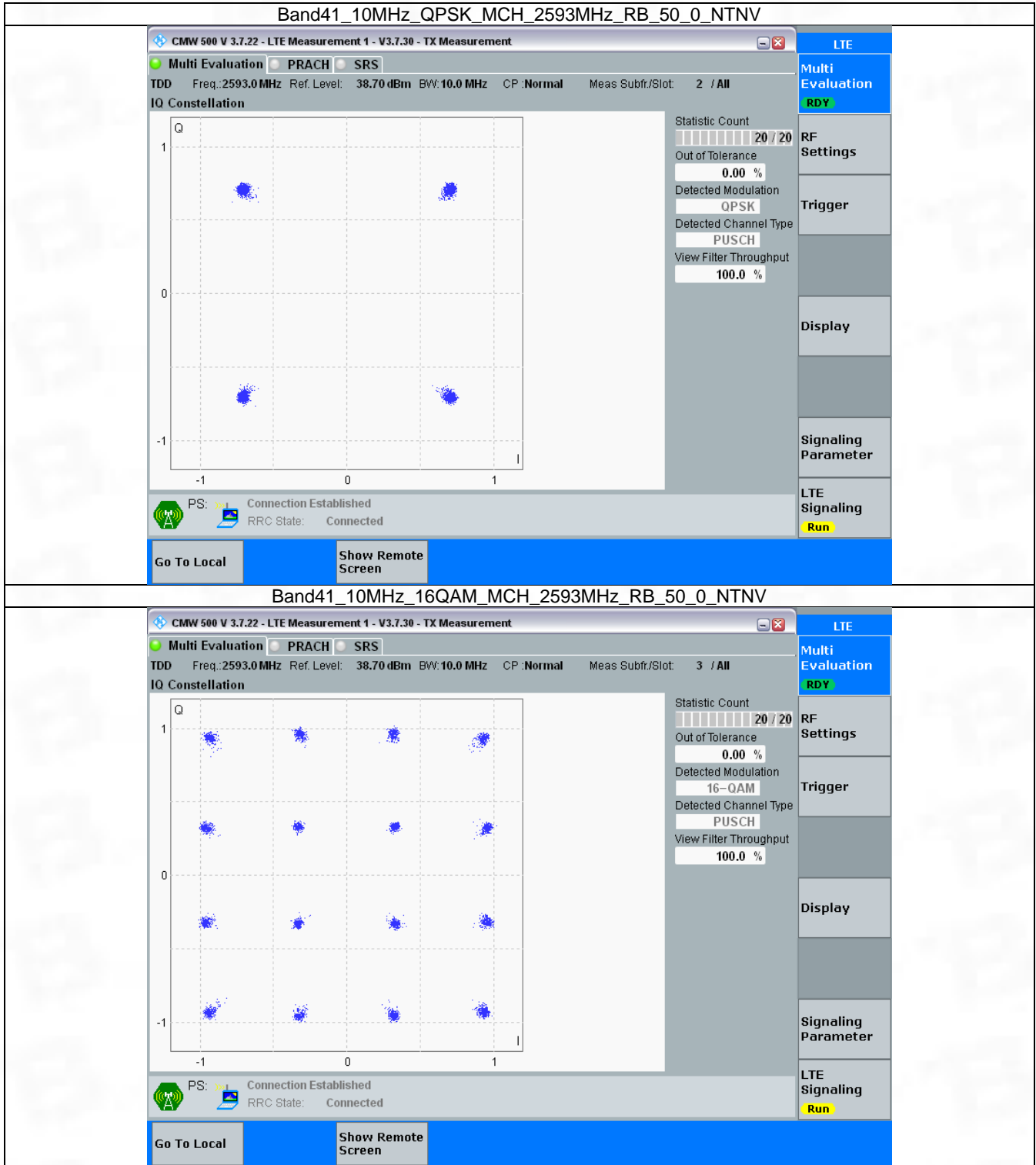


### 3.2 B41\_10MHz

#### 3.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	50	0	Refer To Test Graph		Pass
16QAM	2593	50	0	Refer To Test Graph		Pass

### 3.2.2 Test Graph

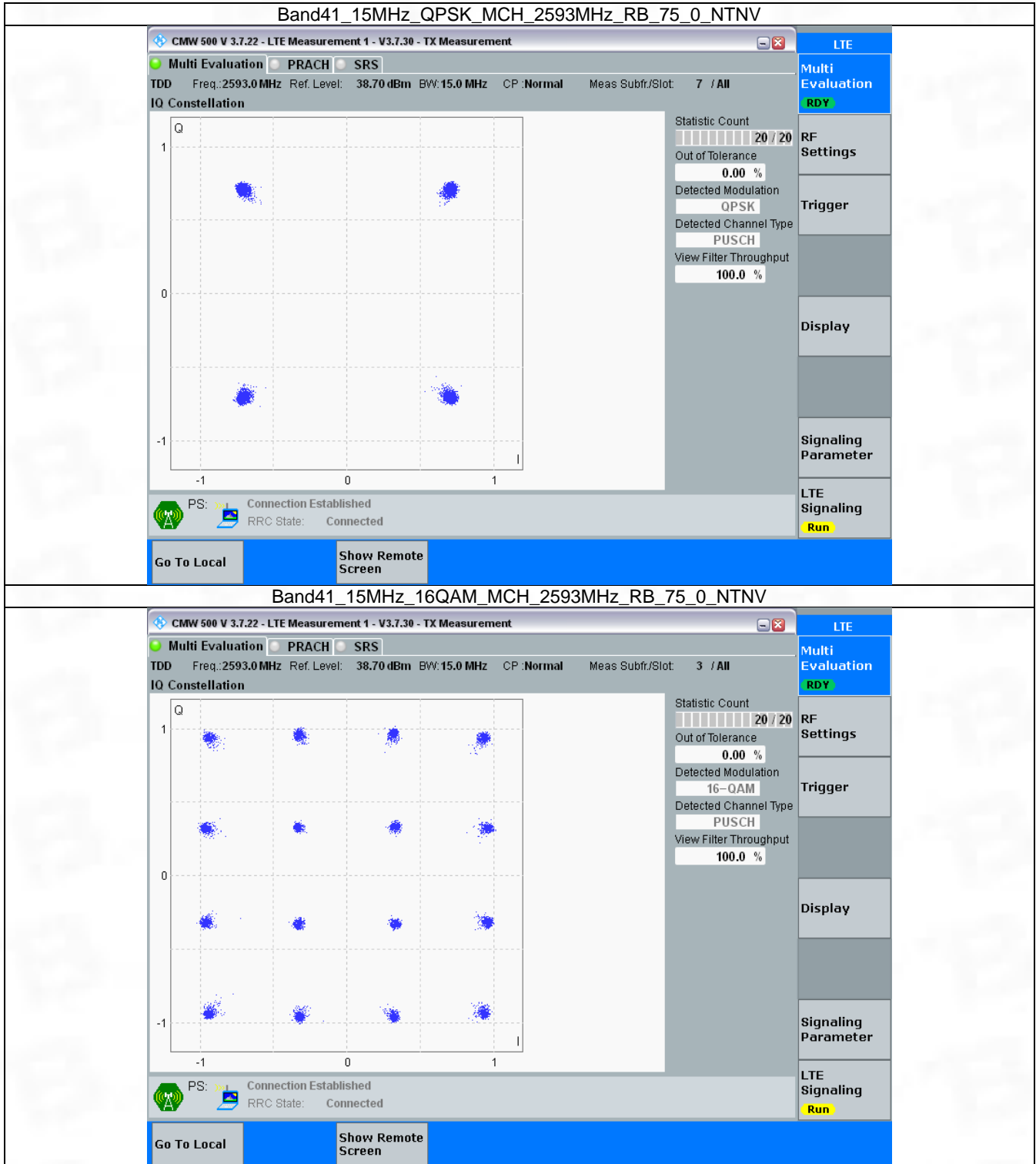


### 3.3 B41\_15MHz

#### 3.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	75	0	Refer To Test Graph		Pass
16QAM	2593	75	0	Refer To Test Graph		Pass

### 3.3.2 Test Graph



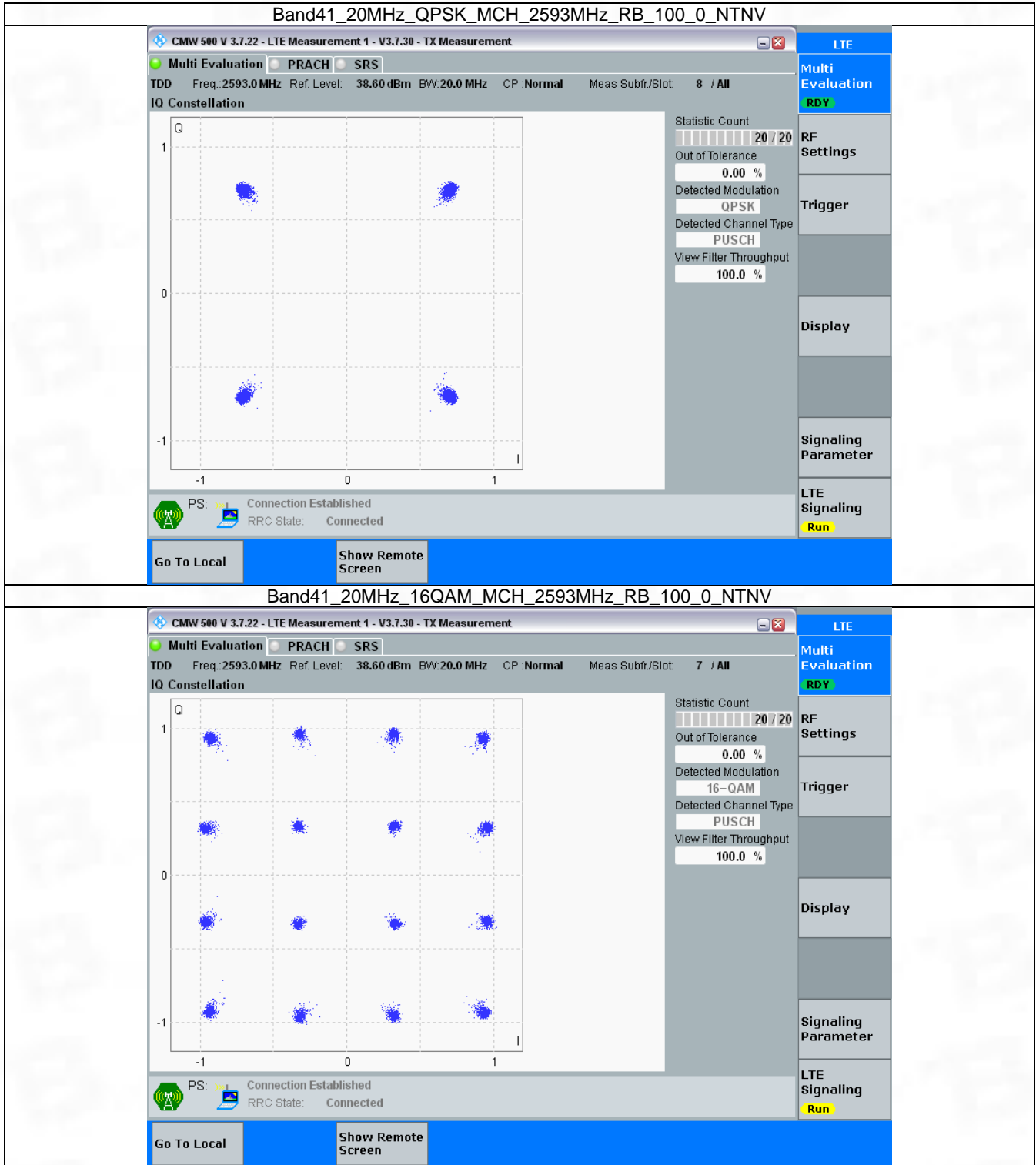
### 3.4 B41\_20MHz

#### 3.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	Refer To Test Graph		Pass
16QAM	2593	100	0	Refer To Test Graph		Pass



### 3.4.2 Test Graph



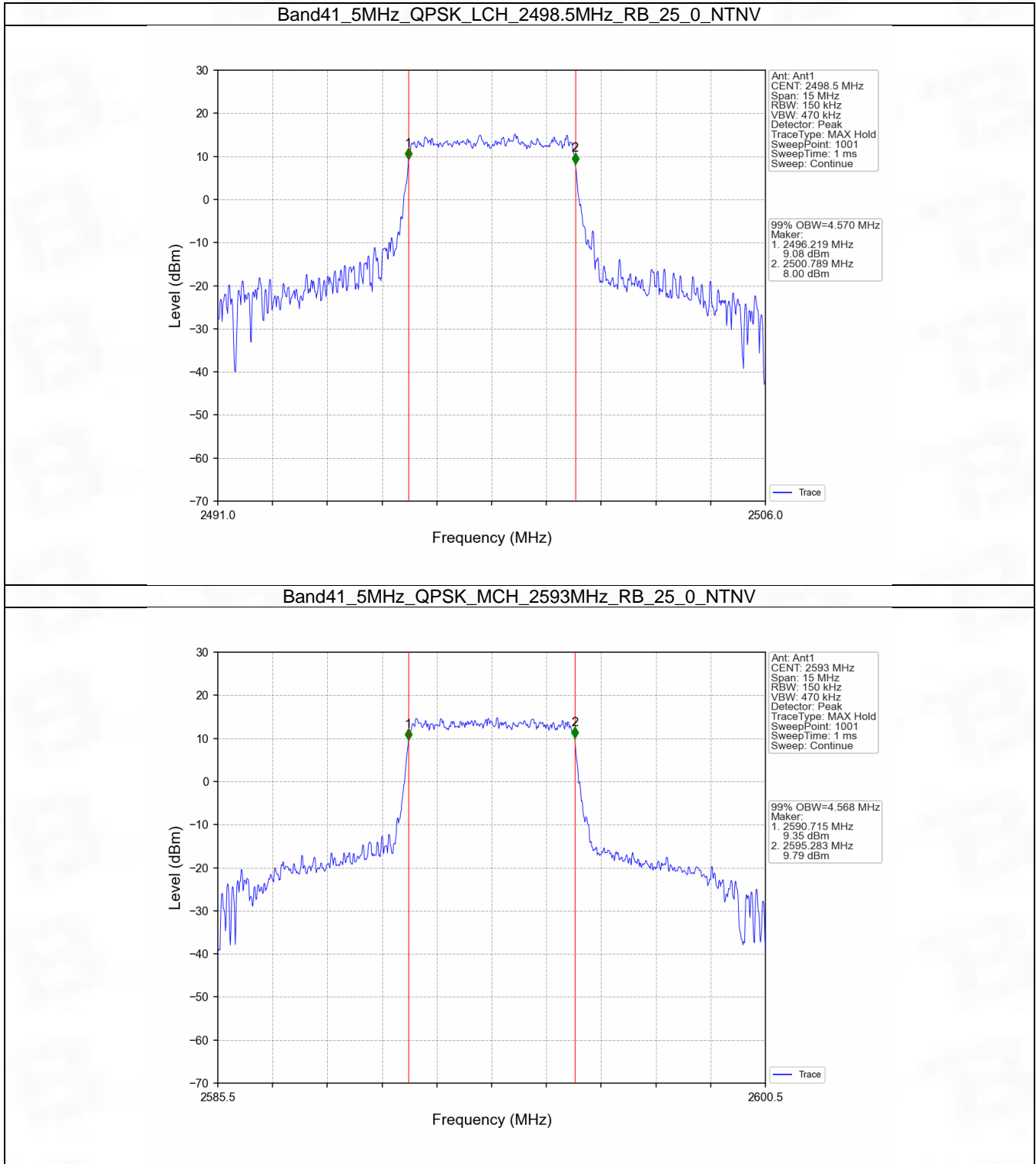
## 4. 99% & 26dB Bandwidth

### 4.1 Band41\_OBW

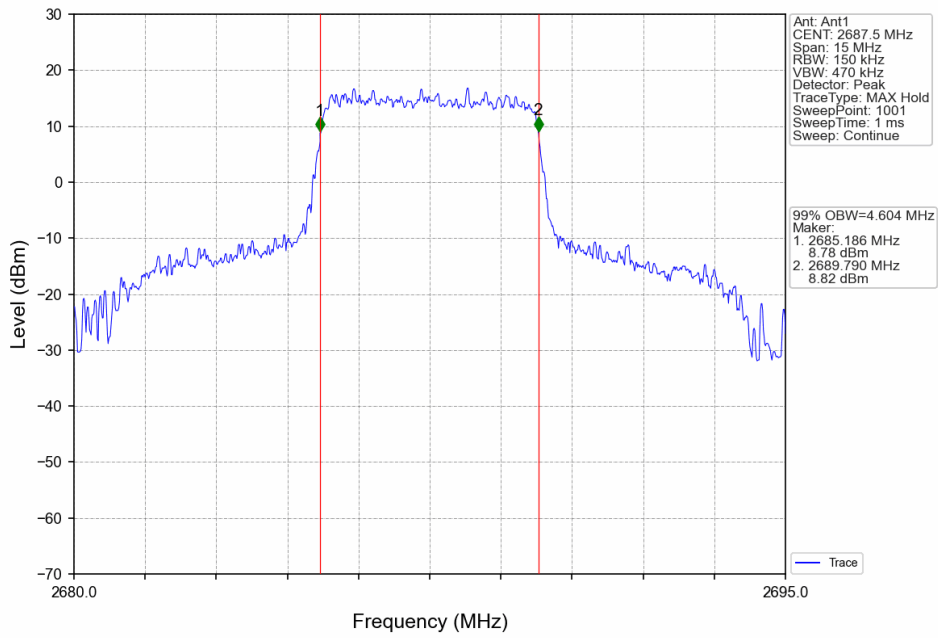
#### 4.1.1 Test Result

Band: 41 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	4.570	Pass
		2593	25	0	4.568	Pass
		2687.5	25	0	4.604	Pass
	16QAM	2498.5	25	0	4.552	Pass
		2593	25	0	4.597	Pass
		2687.5	25	0	4.613	Pass
10	QPSK	2501	50	0	9.126	Pass
		2593	50	0	9.103	Pass
		2685	50	0	9.173	Pass
	16QAM	2501	50	0	9.098	Pass
		2593	50	0	9.105	Pass
		2685	50	0	9.133	Pass
15	QPSK	2503.5	75	0	13.646	Pass
		2593	75	0	13.683	Pass
		2682.5	75	0	13.768	Pass
	16QAM	2503.5	75	0	13.733	Pass
		2593	75	0	13.713	Pass
		2682.5	75	0	13.715	Pass
20	QPSK	2506	100	0	18.229	Pass
		2593	100	0	18.204	Pass
		2680	100	0	18.293	Pass
	16QAM	2506	100	0	18.216	Pass
		2593	100	0	18.212	Pass
		2680	100	0	18.235	Pass

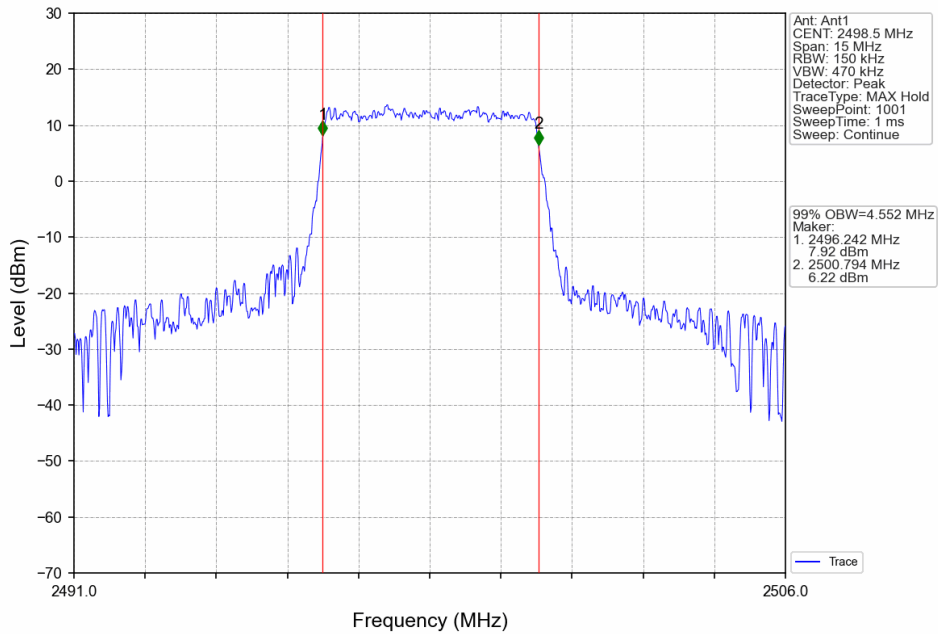
### 4.1.2 Test Graph



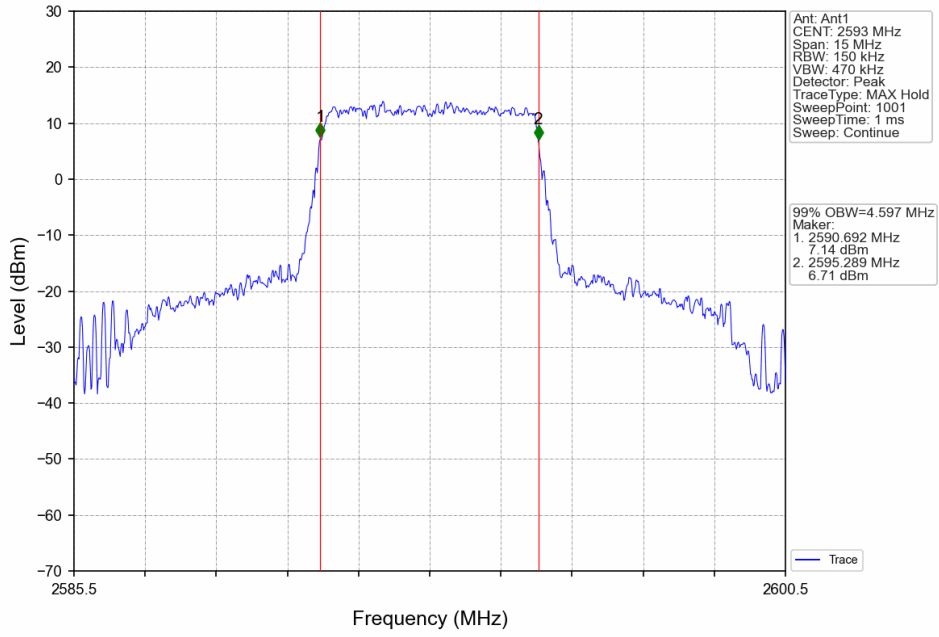
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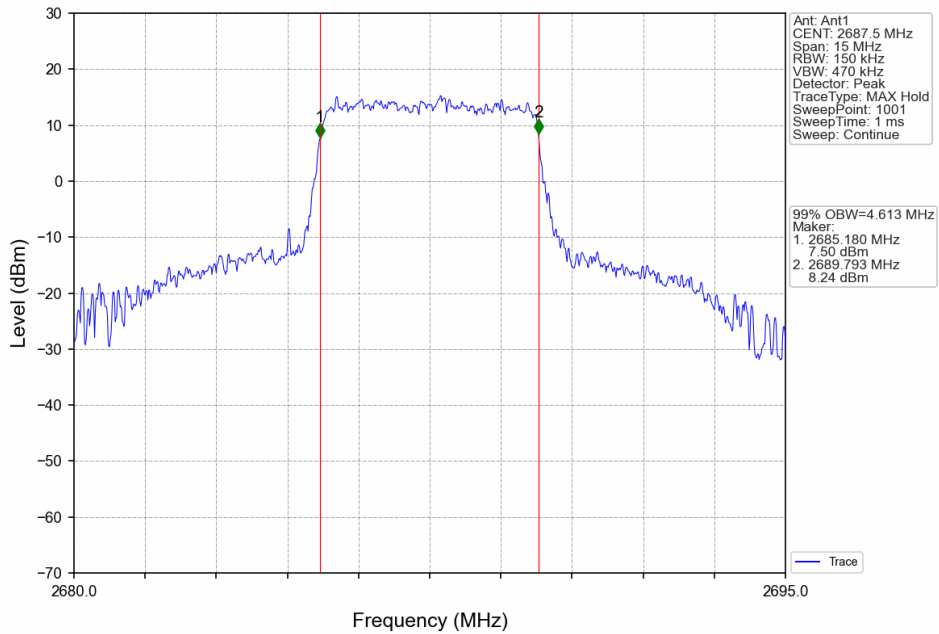
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



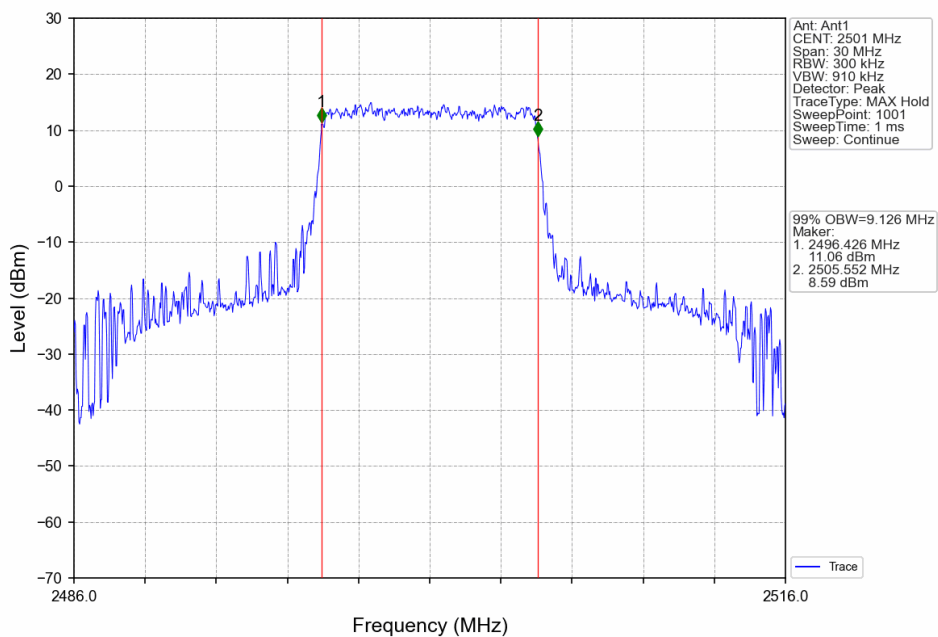
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



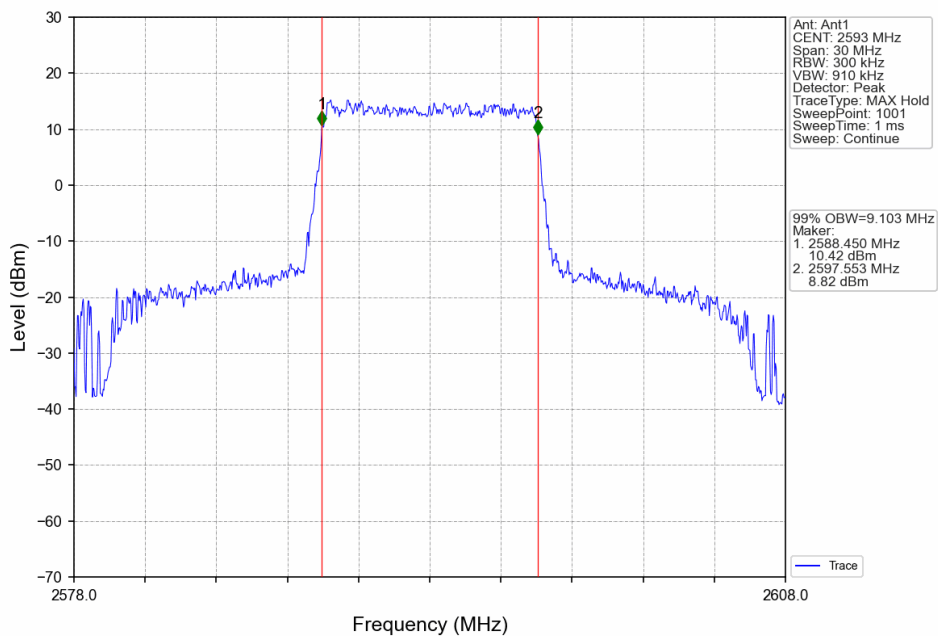
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



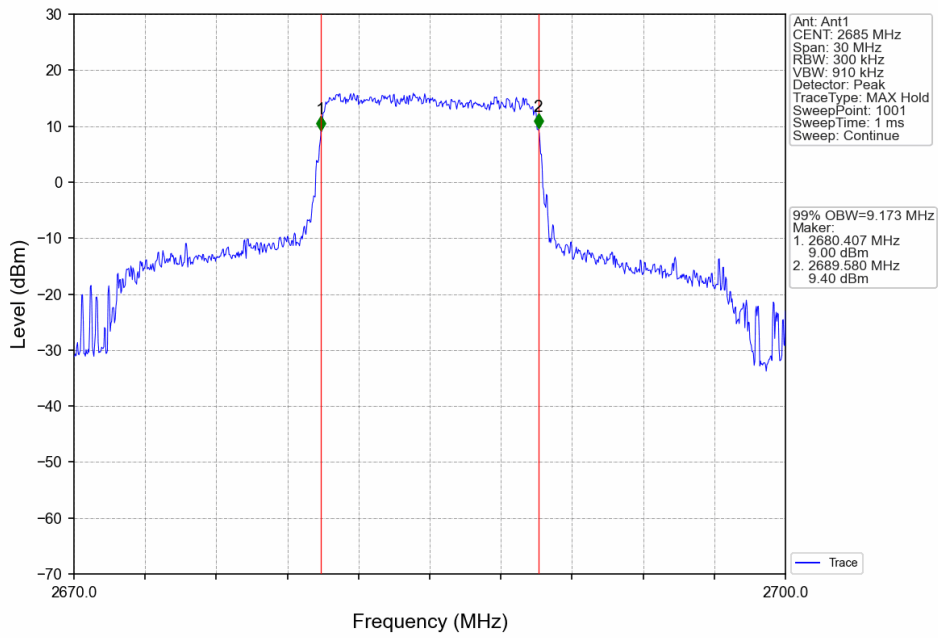
Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0\_NTNV



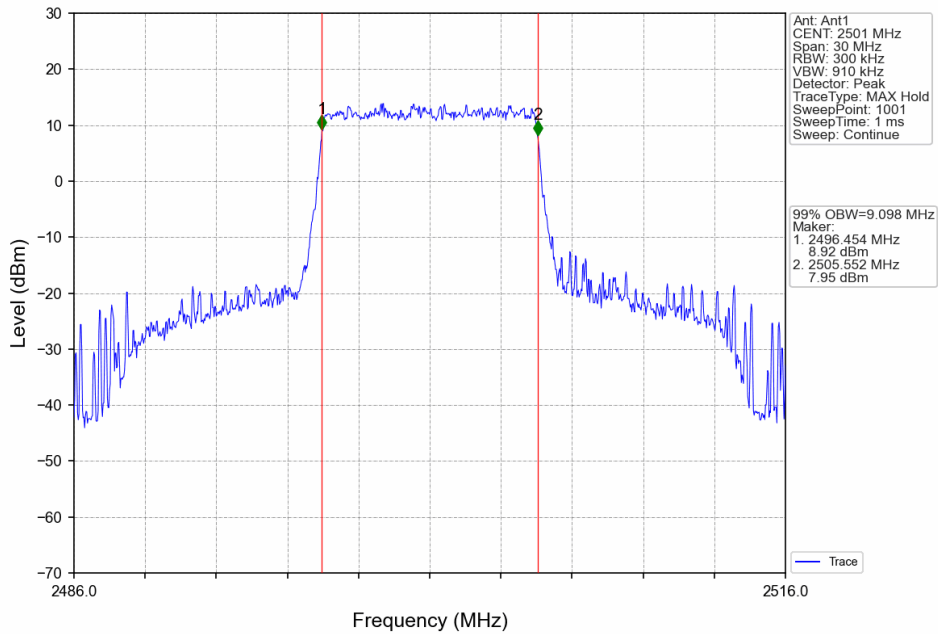
Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_50\_0\_NTNV



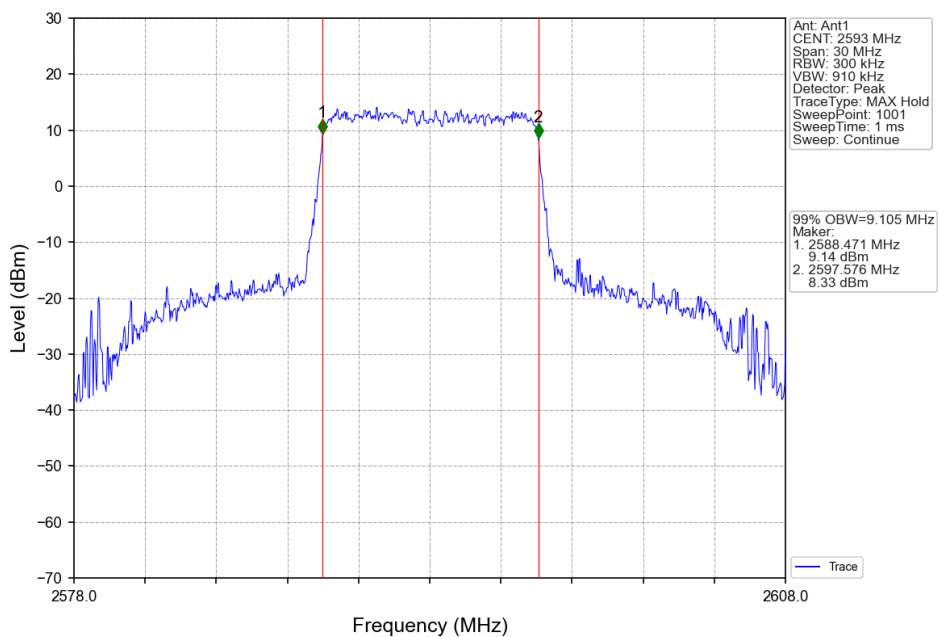
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



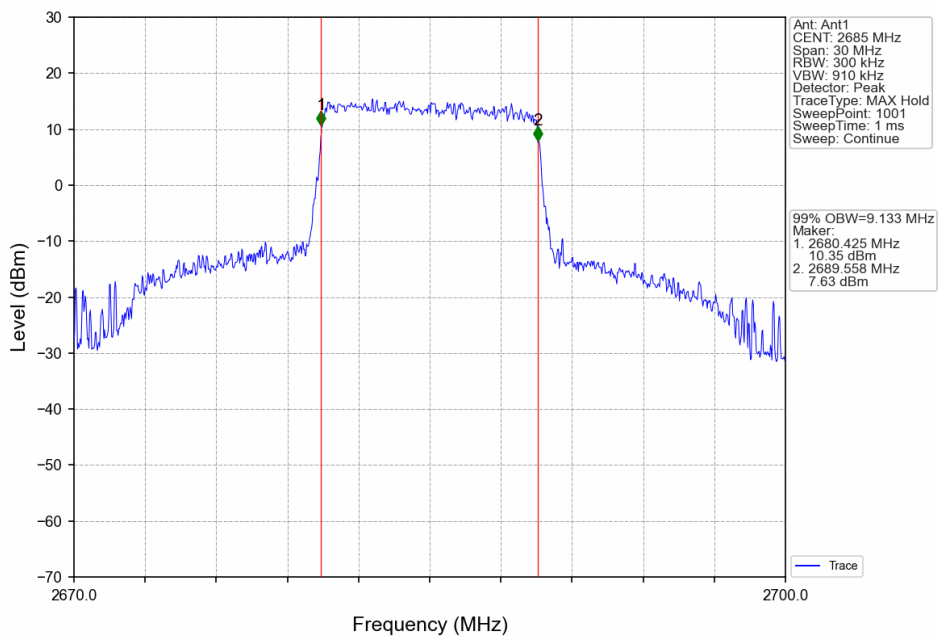
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV

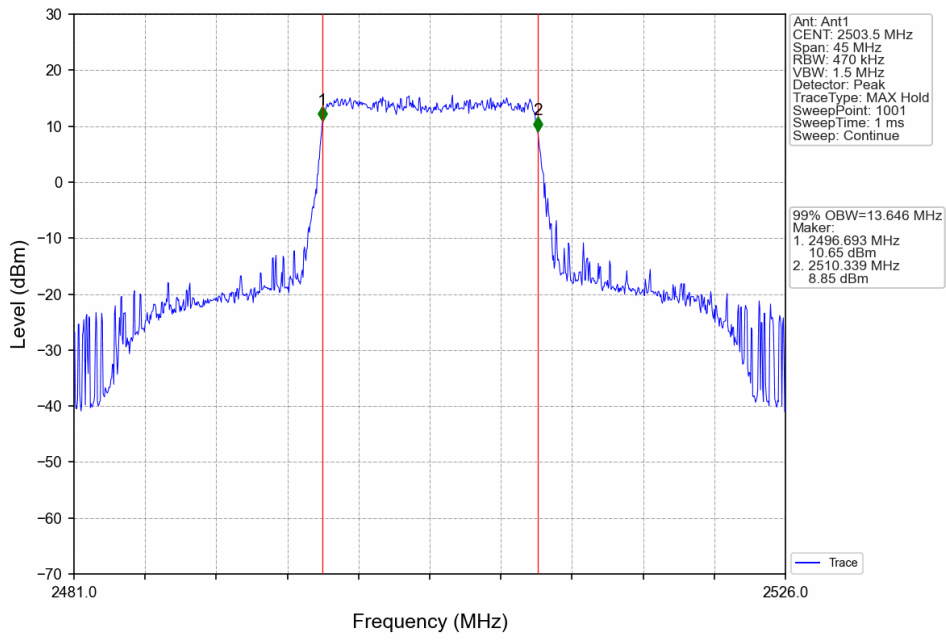


Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV

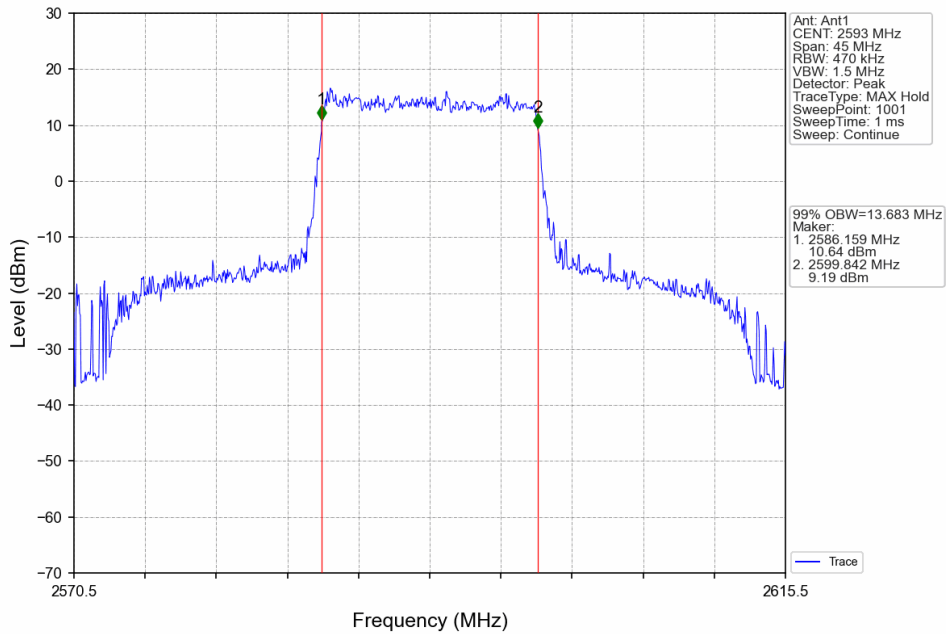




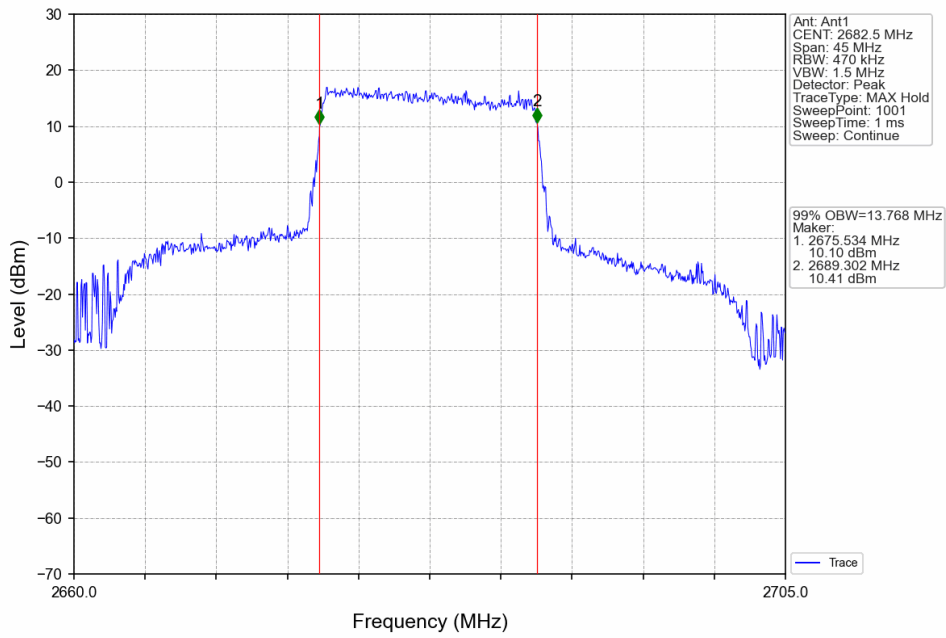
Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



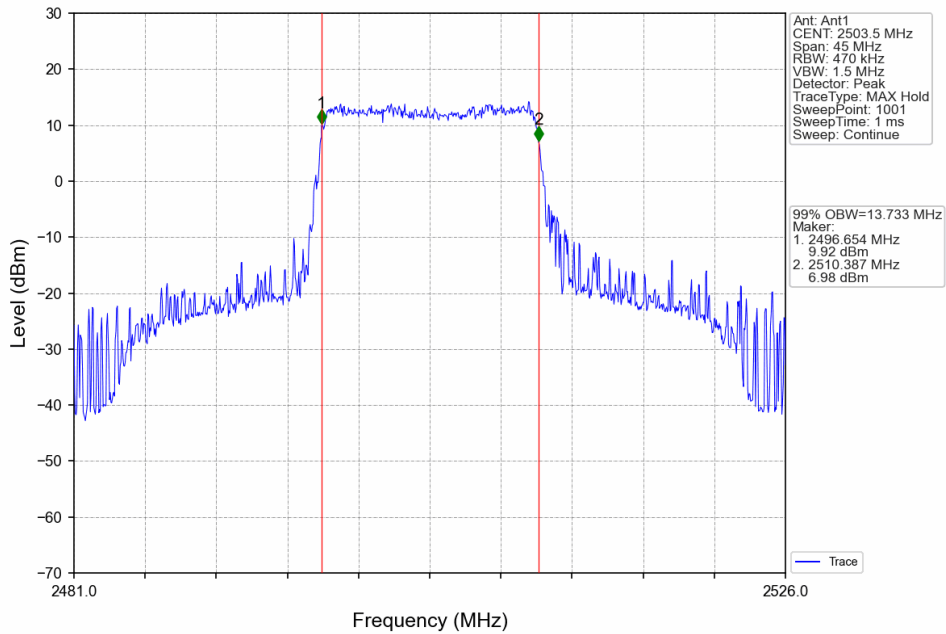
Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_75\_0\_NTNV



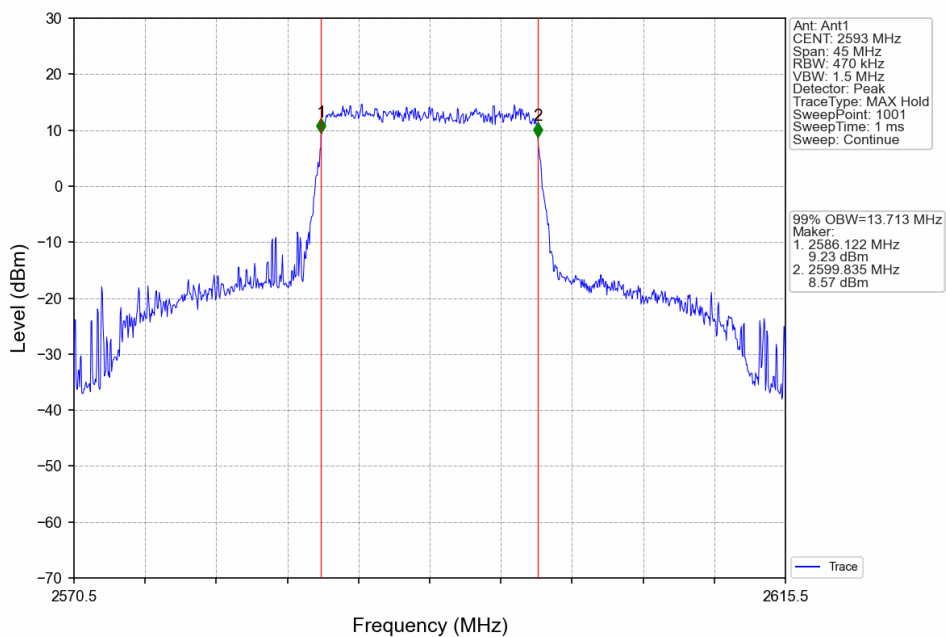
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



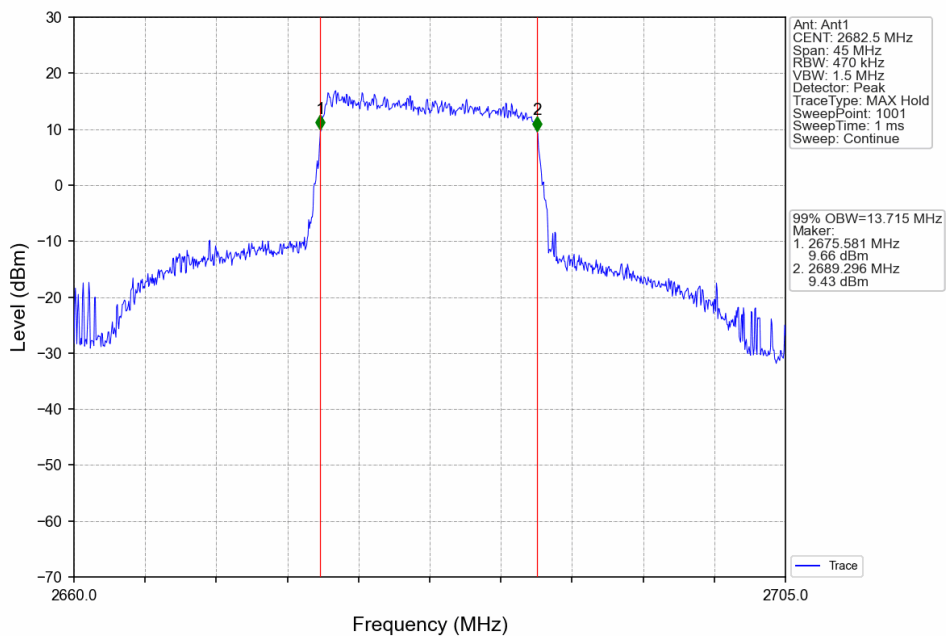
Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



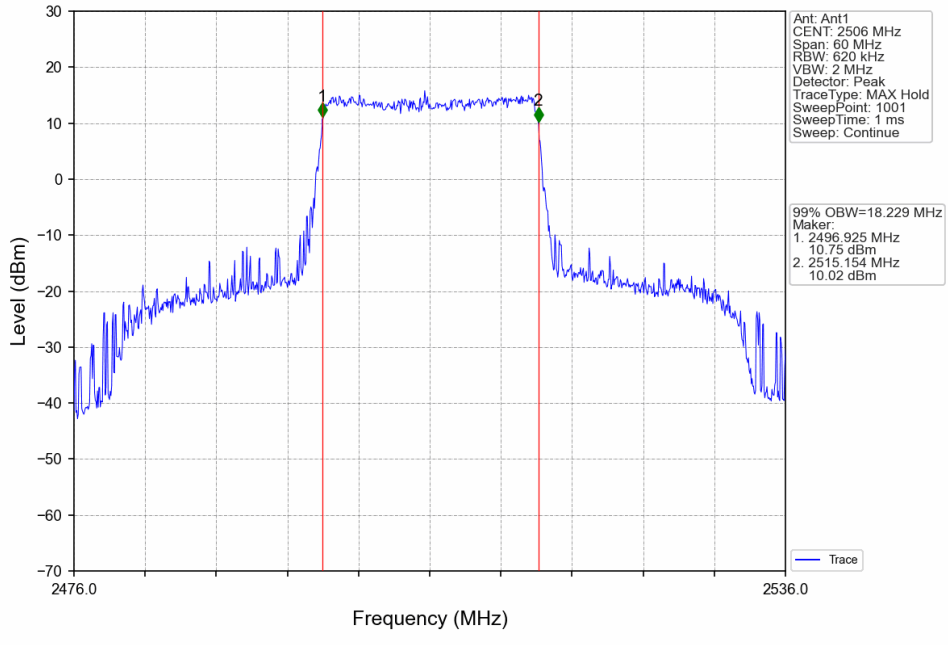
Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



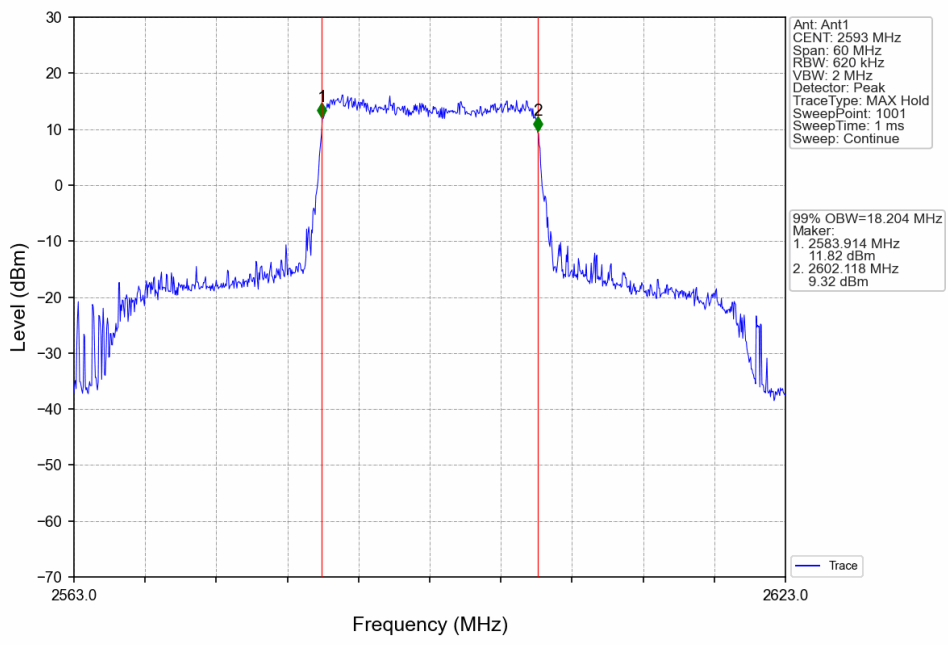
Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



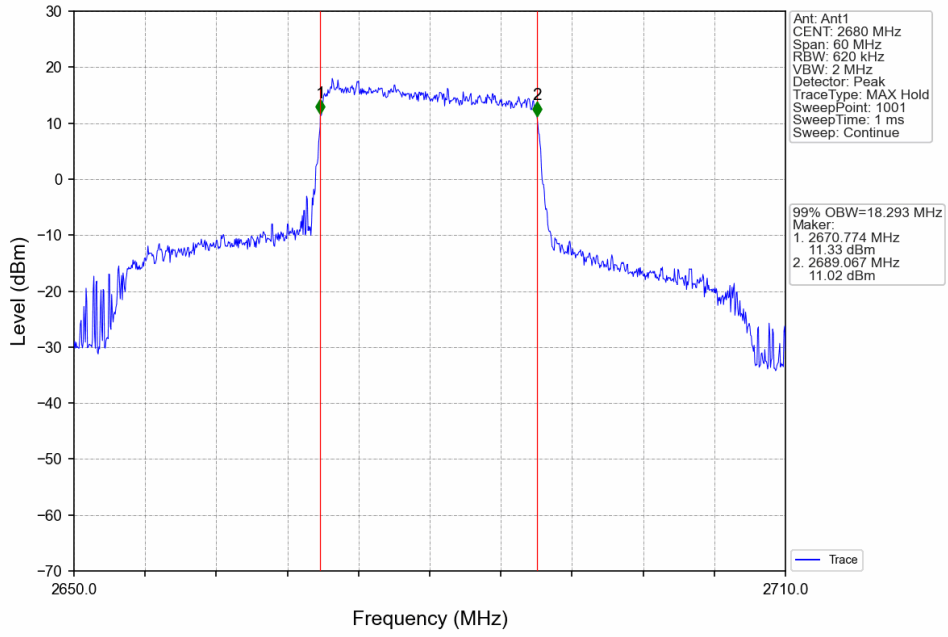
Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_100\_0\_NTNV



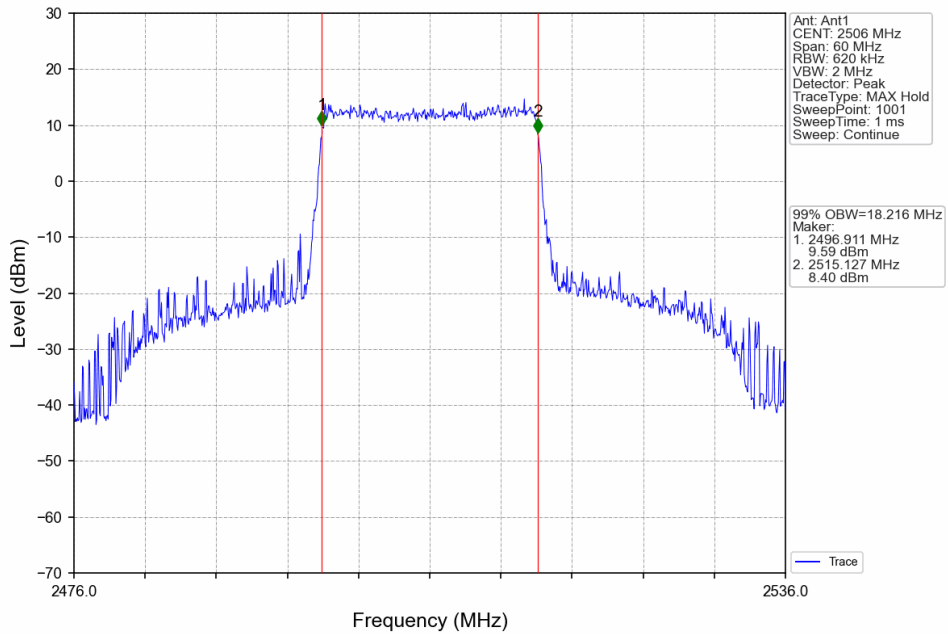
Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_100\_0\_NTNV



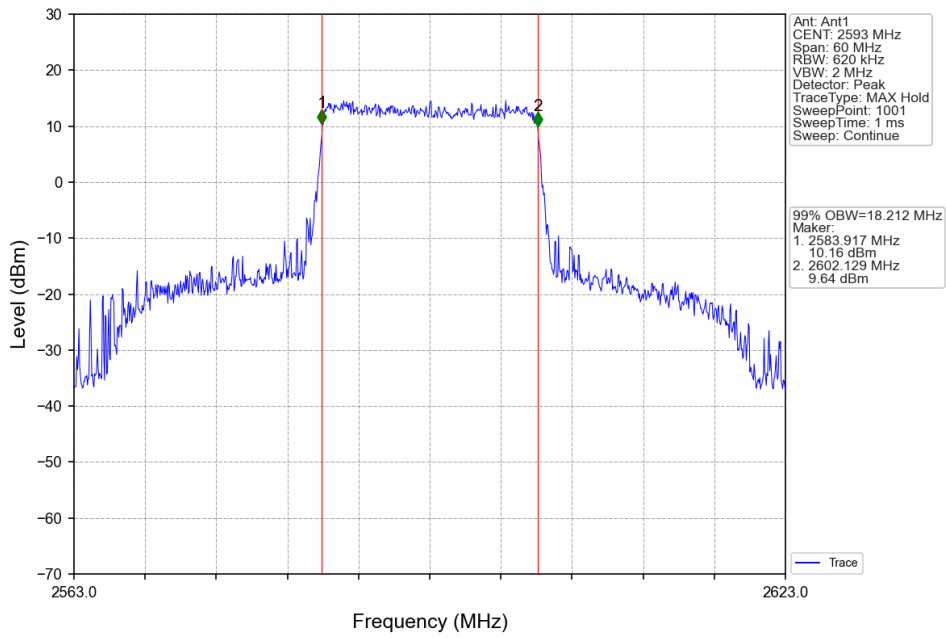
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



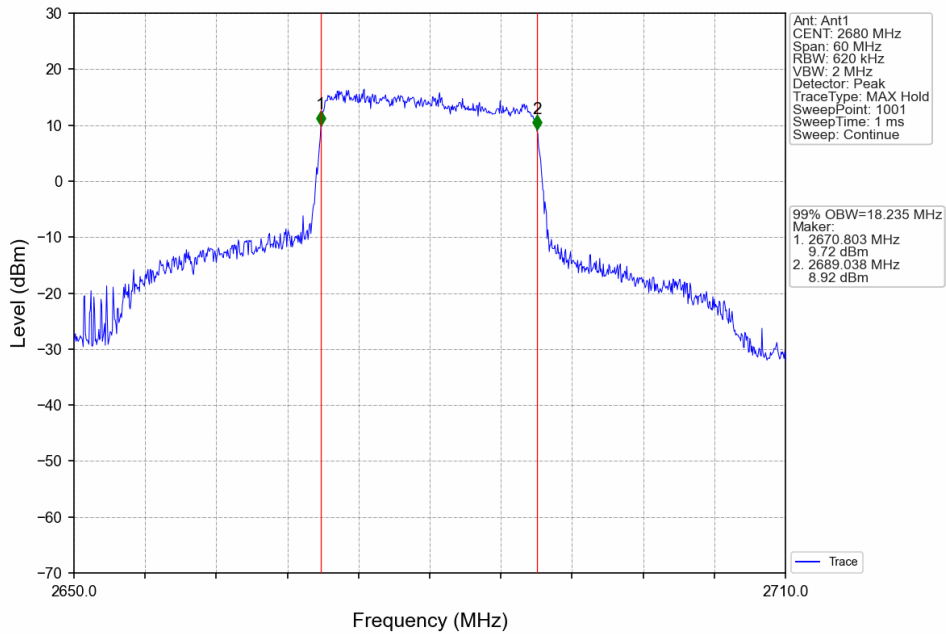
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_16QAM\_MCH\_2593MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_16QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV

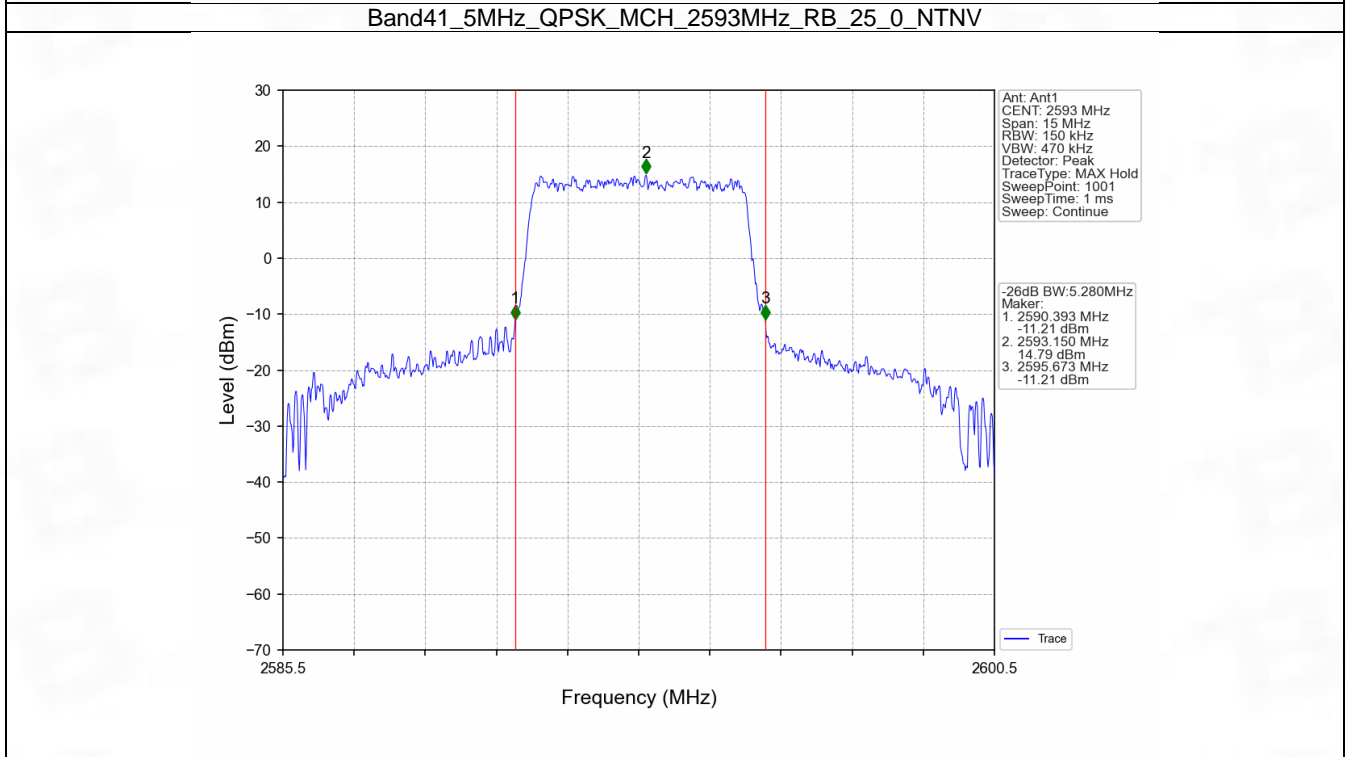
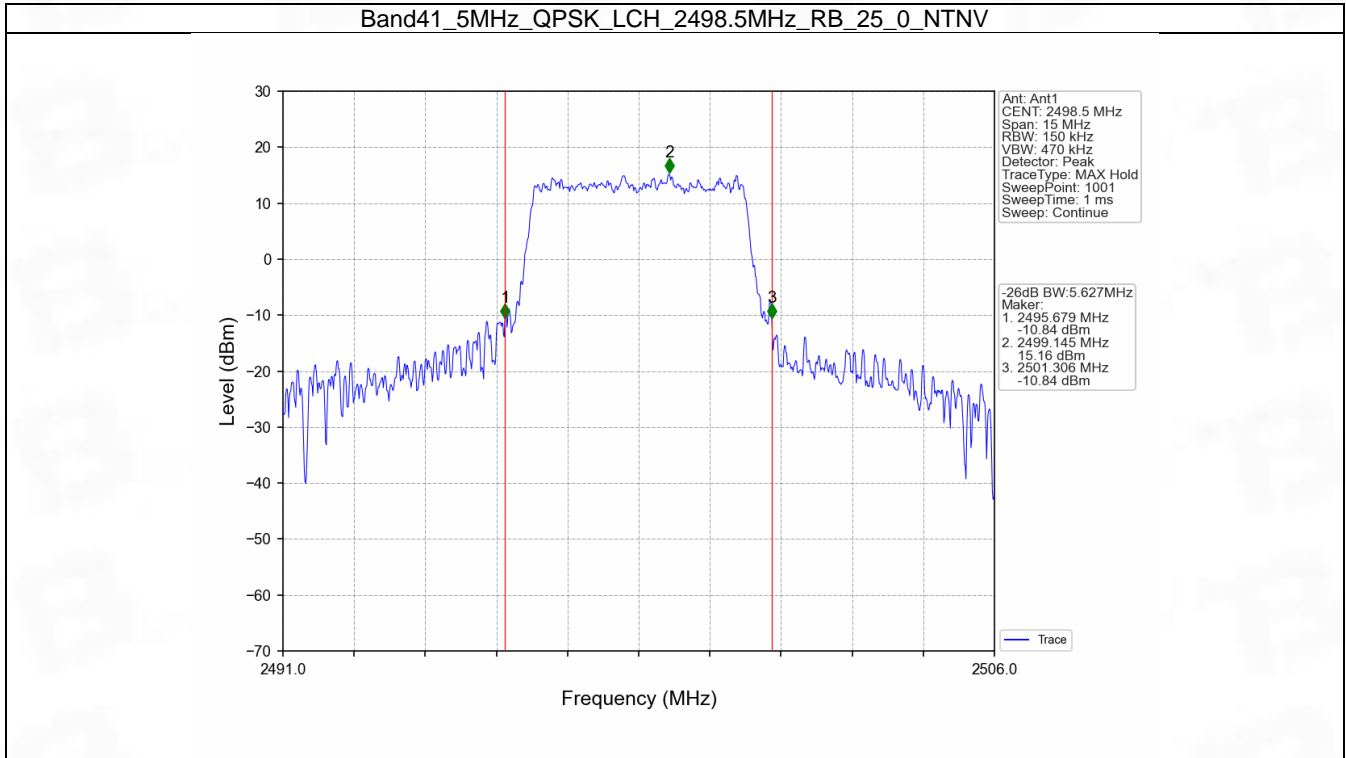


## 4.2 Band41\_XDB

### 4.2.1 Test Result

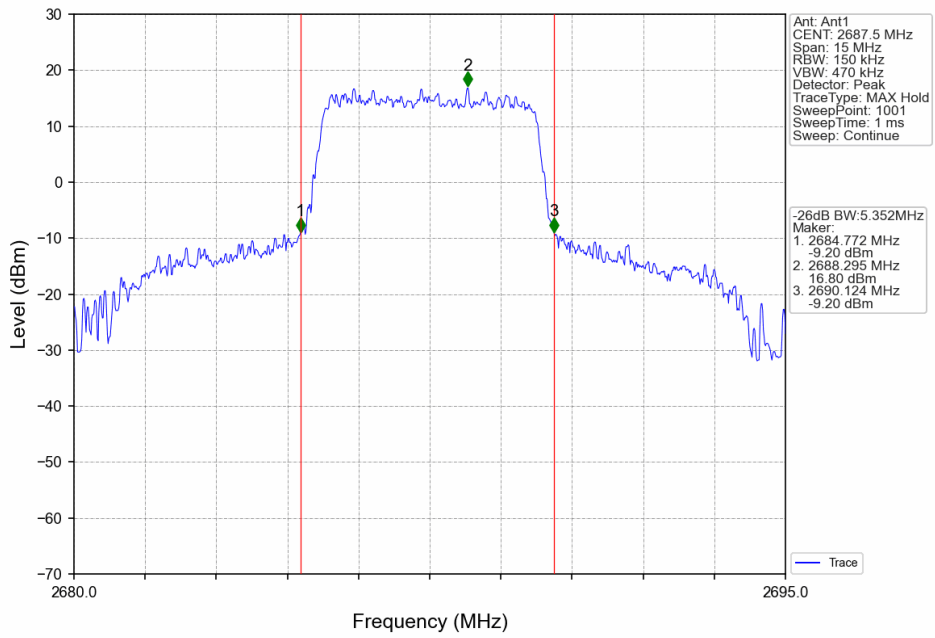
Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	5.627	Pass
		2593	25	0	5.280	Pass
		2687.5	25	0	5.352	Pass
	16QAM	2498.5	25	0	5.467	Pass
		2593	25	0	5.302	Pass
		2687.5	25	0	5.817	Pass
10	QPSK	2501	50	0	11.731	Pass
		2593	50	0	10.224	Pass
		2685	50	0	11.594	Pass
	16QAM	2501	50	0	10.305	Pass
		2593	50	0	10.305	Pass
		2685	50	0	12.561	Pass
15	QPSK	2503.5	75	0	15.769	Pass
		2593	75	0	15.634	Pass
		2682.5	75	0	18.429	Pass
	16QAM	2503.5	75	0	18.111	Pass
		2593	75	0	17.603	Pass
		2682.5	75	0	15.681	Pass
20	QPSK	2506	100	0	21.497	Pass
		2593	100	0	20.689	Pass
		2680	100	0	20.835	Pass
	16QAM	2506	100	0	21.119	Pass
		2593	100	0	23.151	Pass
		2680	100	0	23.572	Pass

### 4.2.2 Test Graph

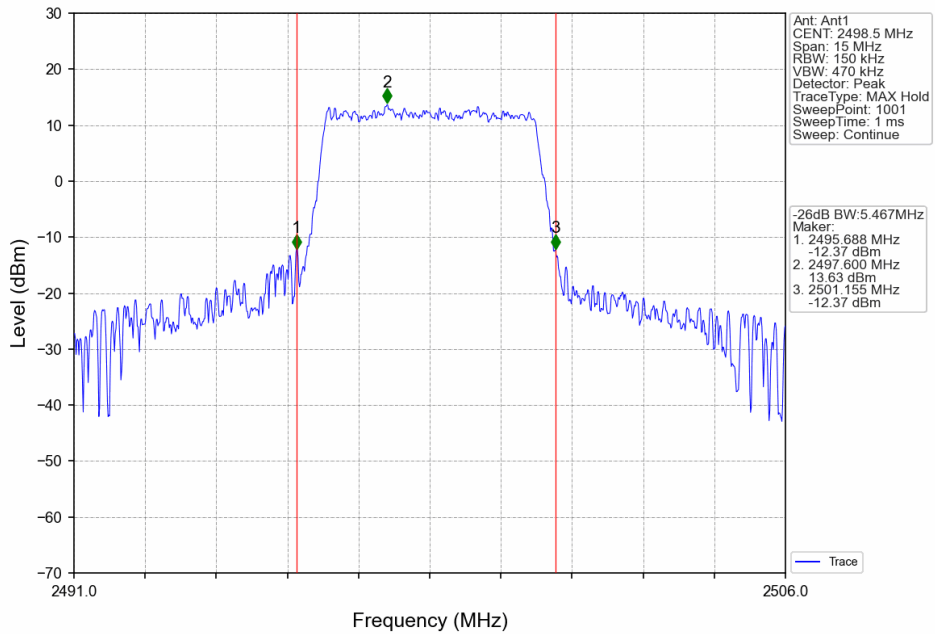




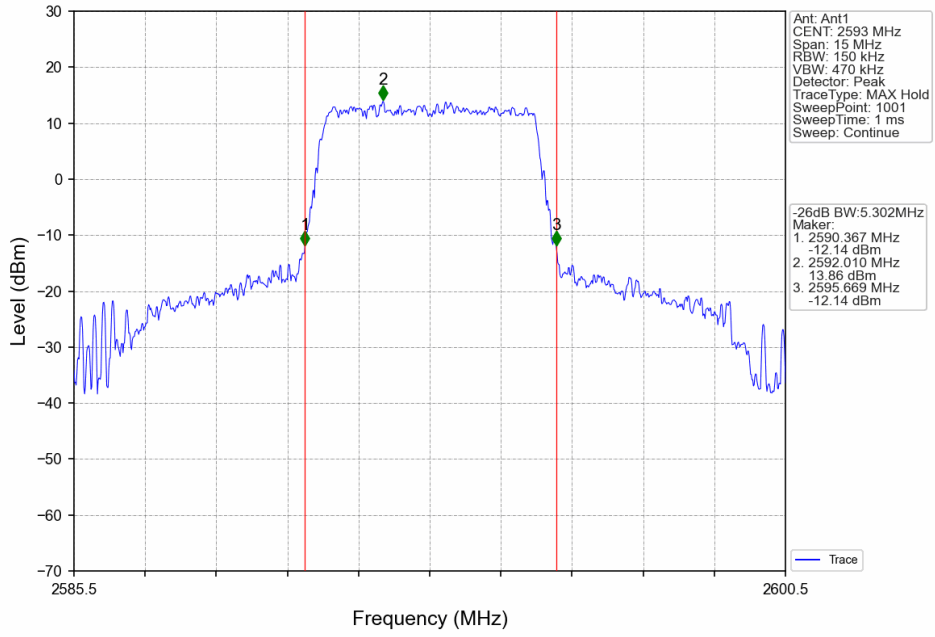
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



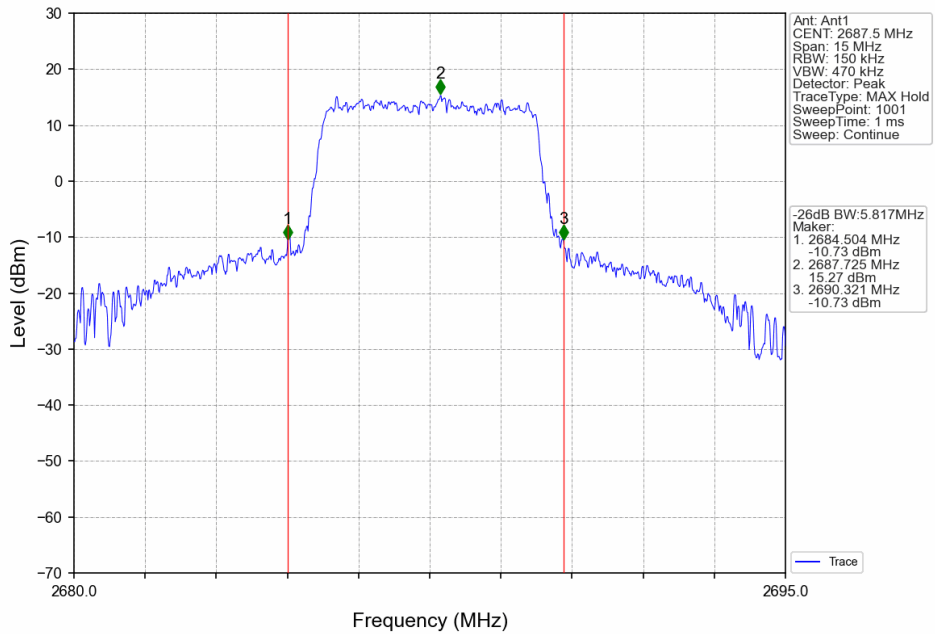
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



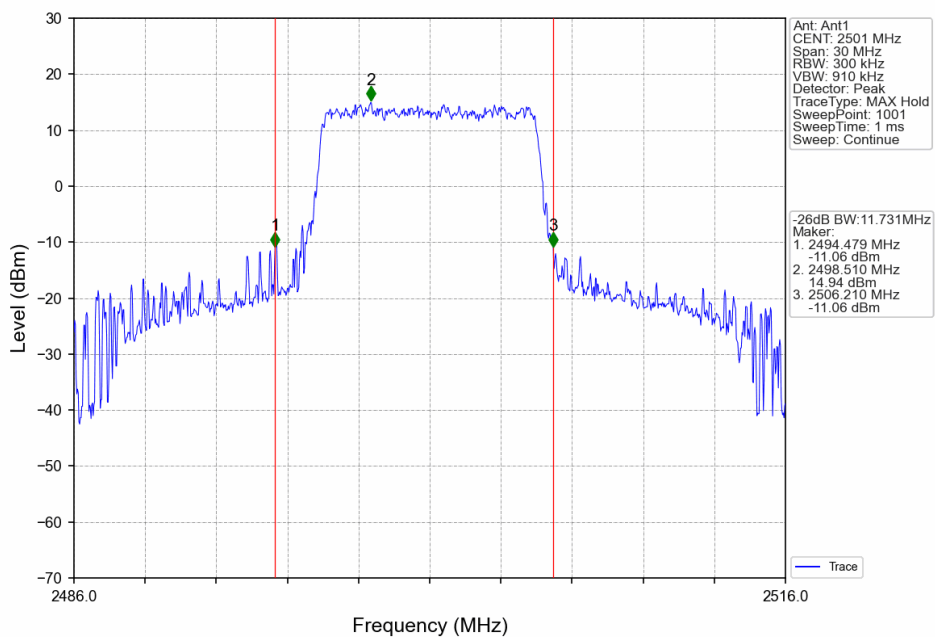
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



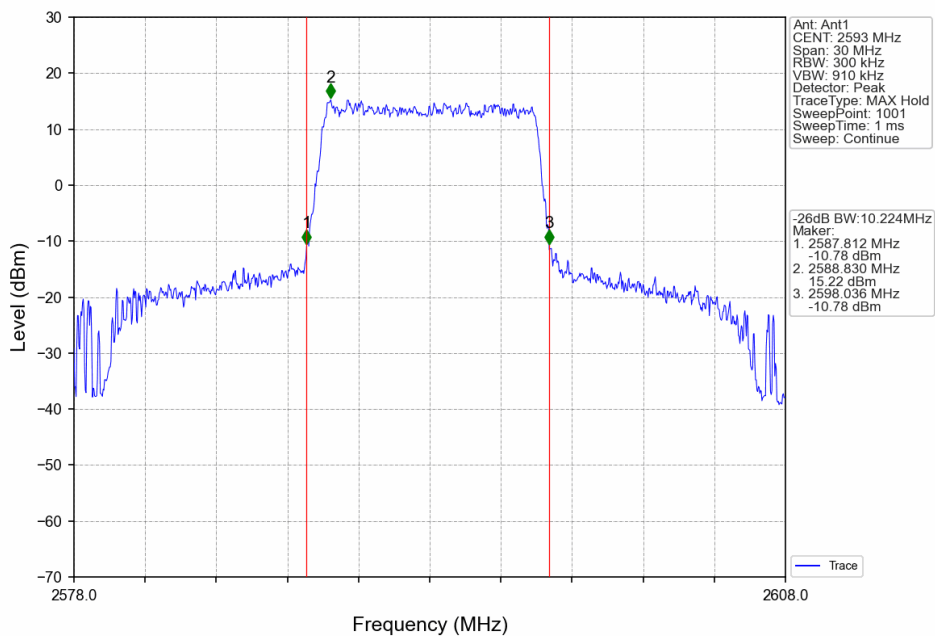
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



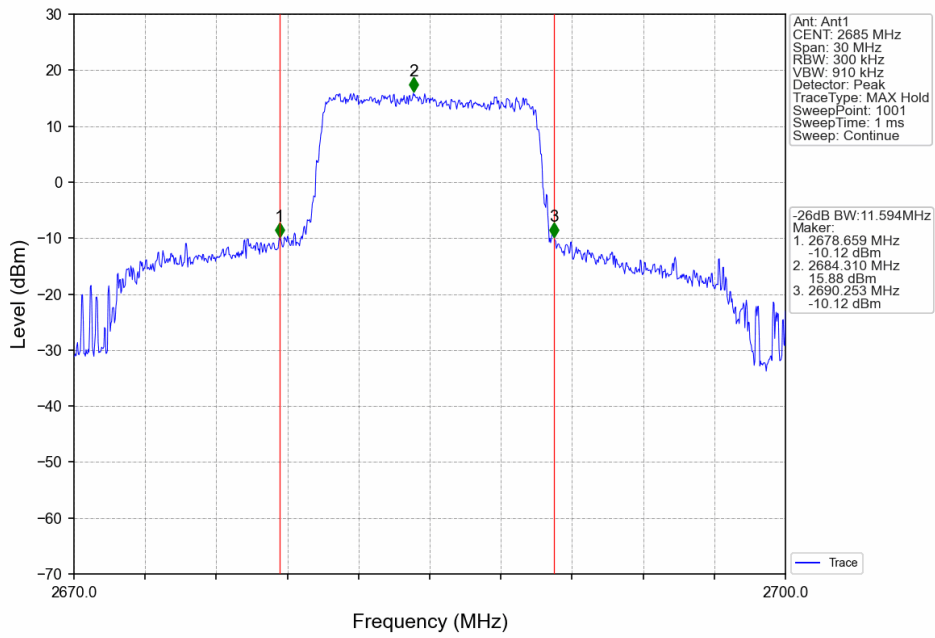
Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0\_NTNV



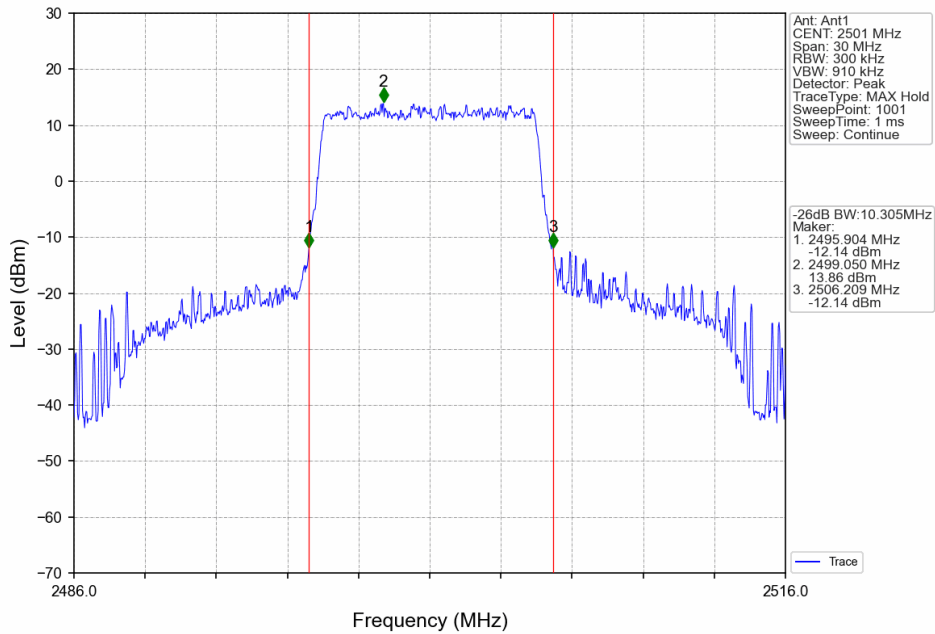
Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_50\_0\_NTNV



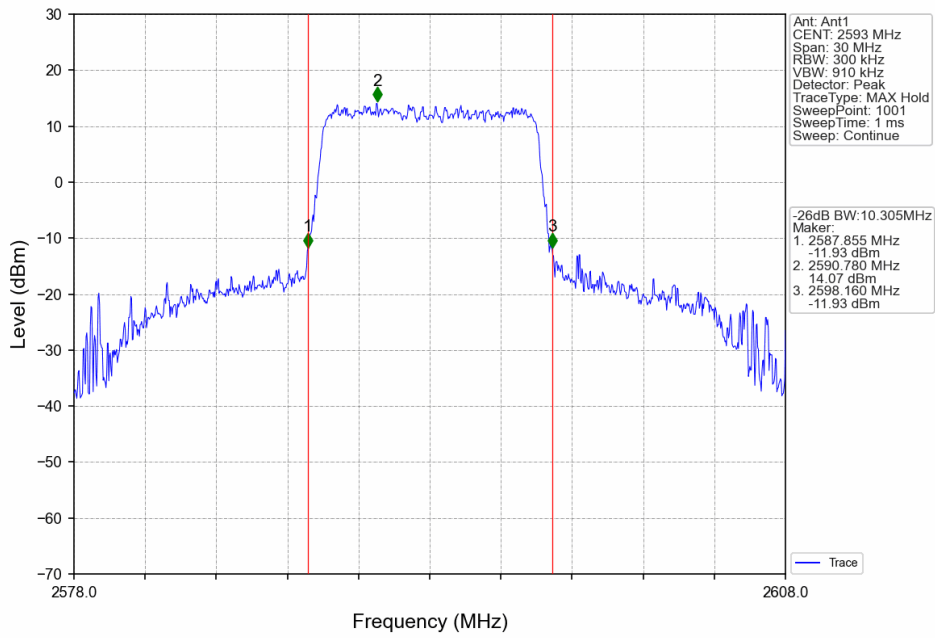
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



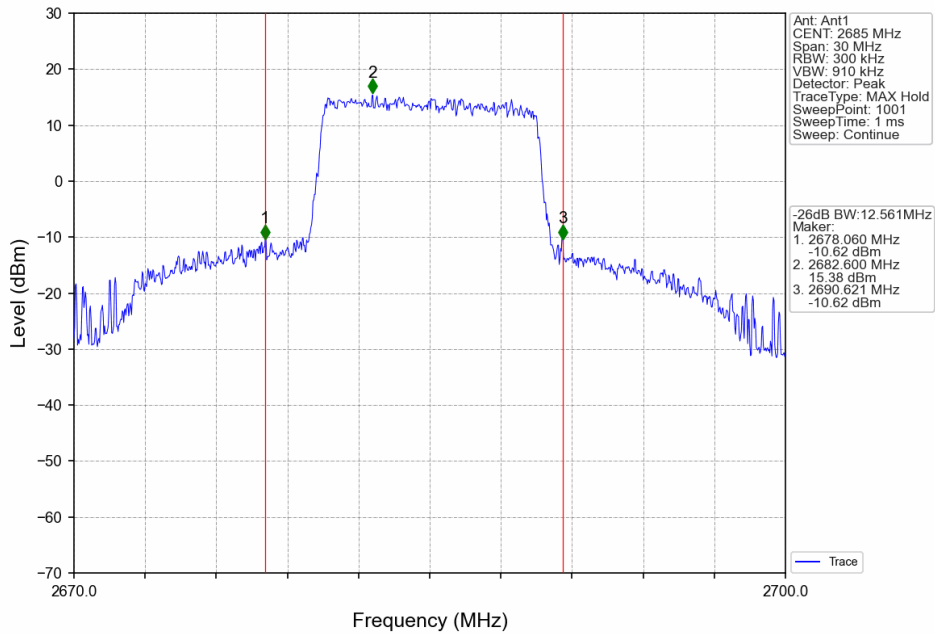
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



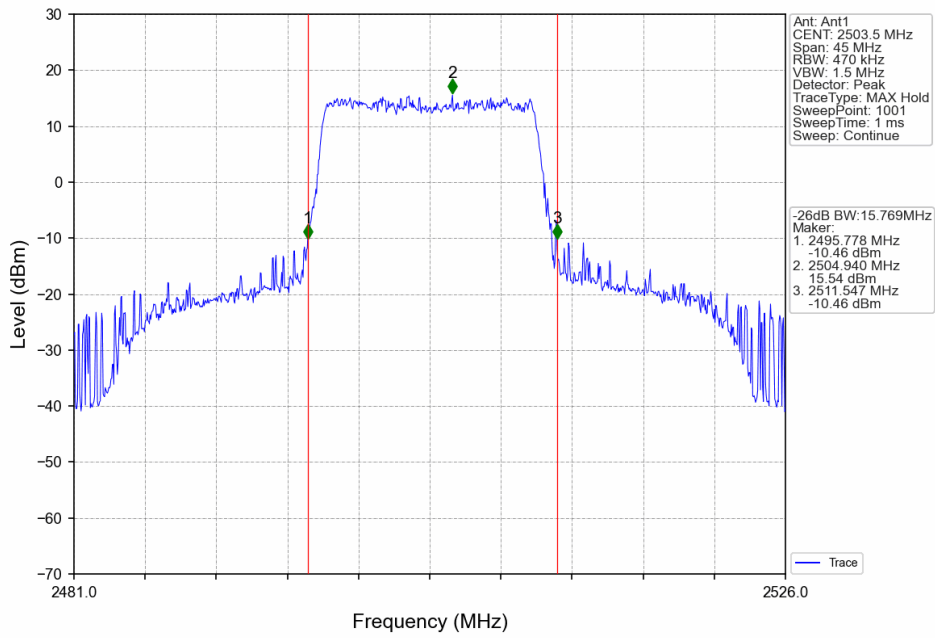
Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV



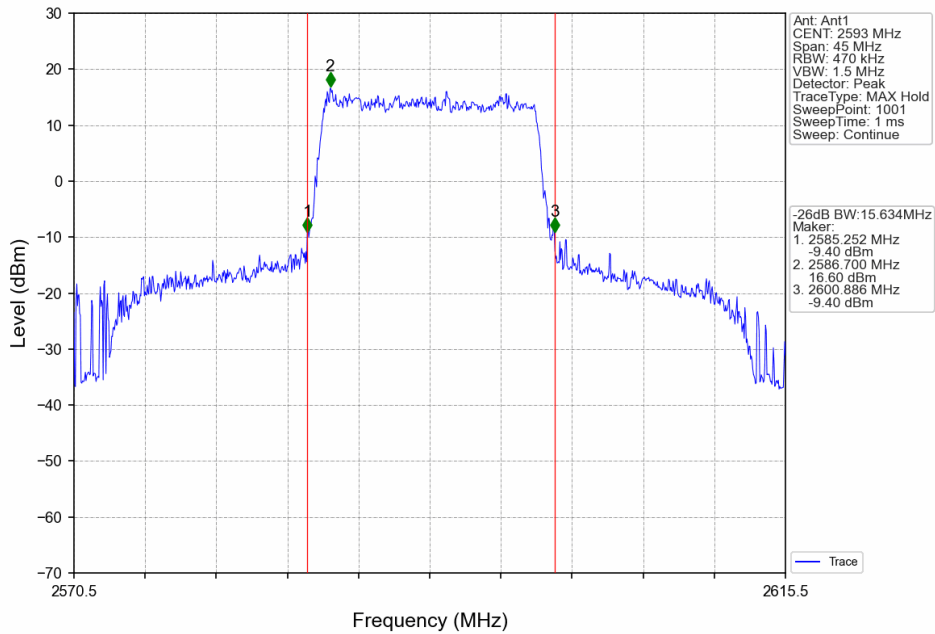
Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV



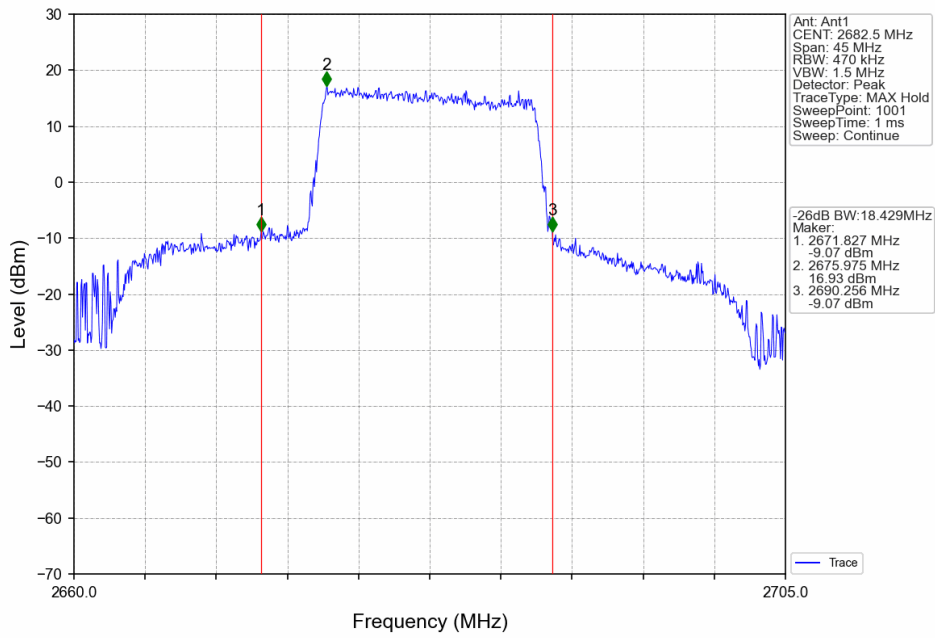
Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



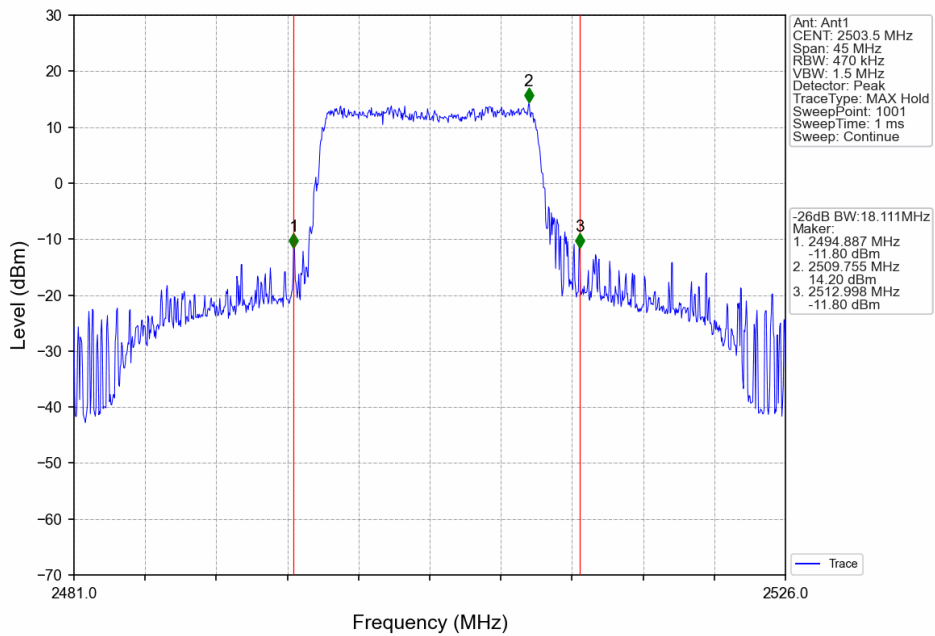
Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_75\_0\_NTNV



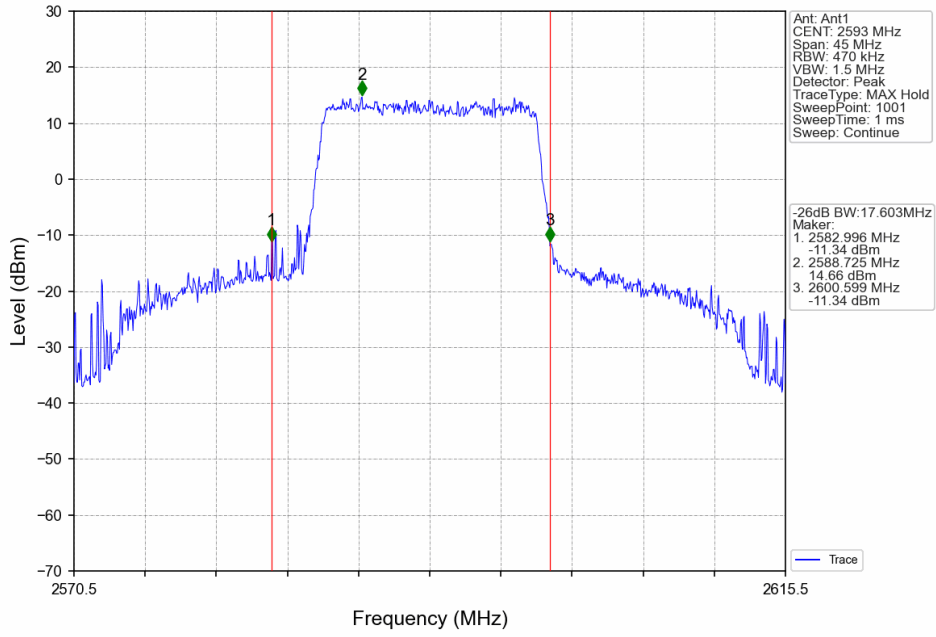
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



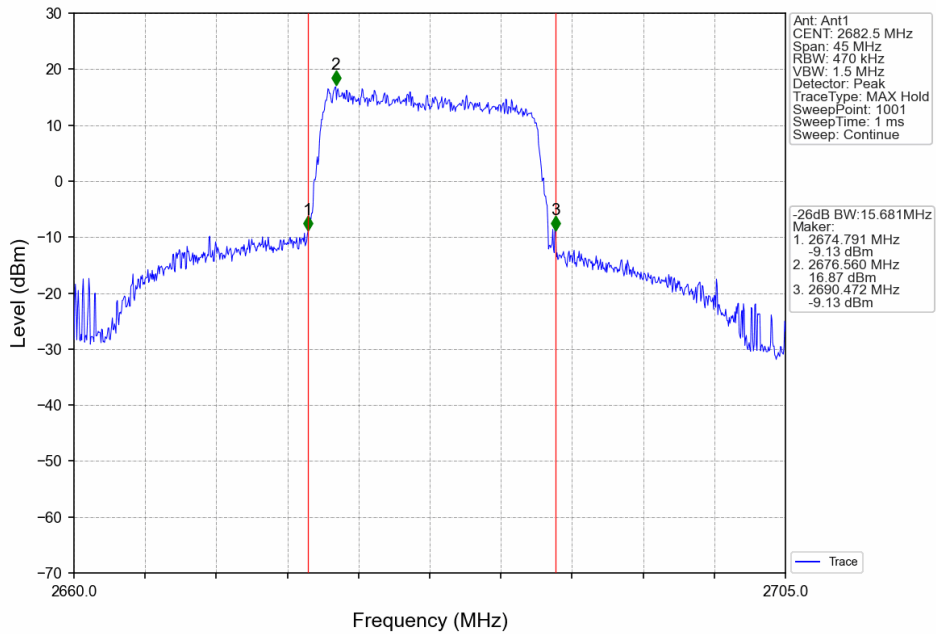
Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV

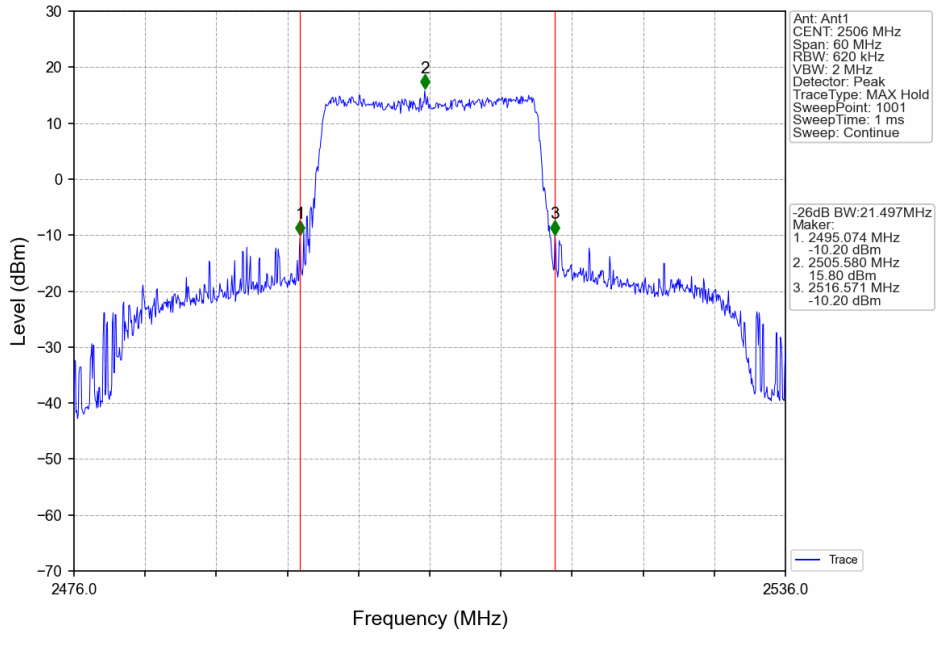


Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV

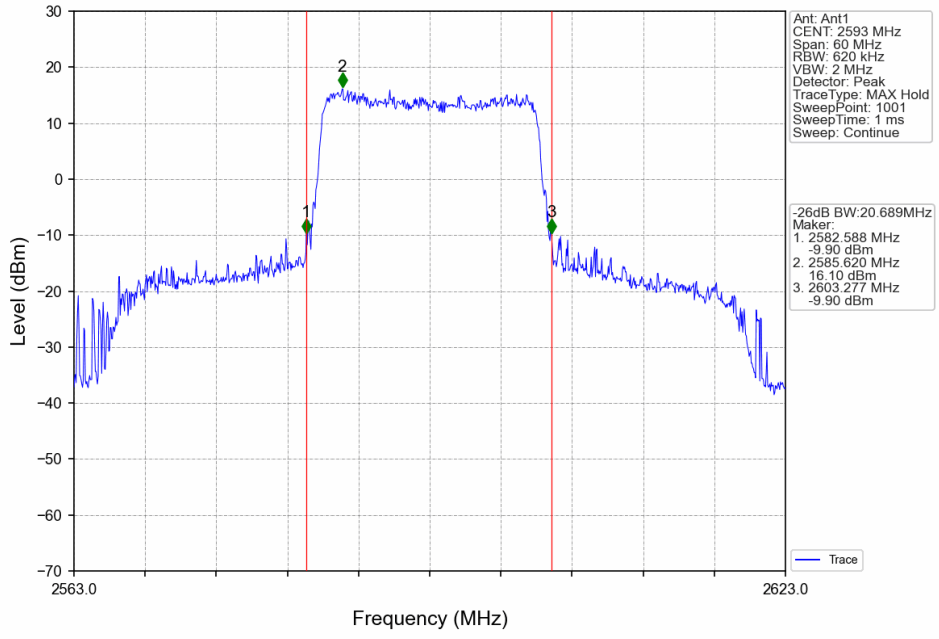




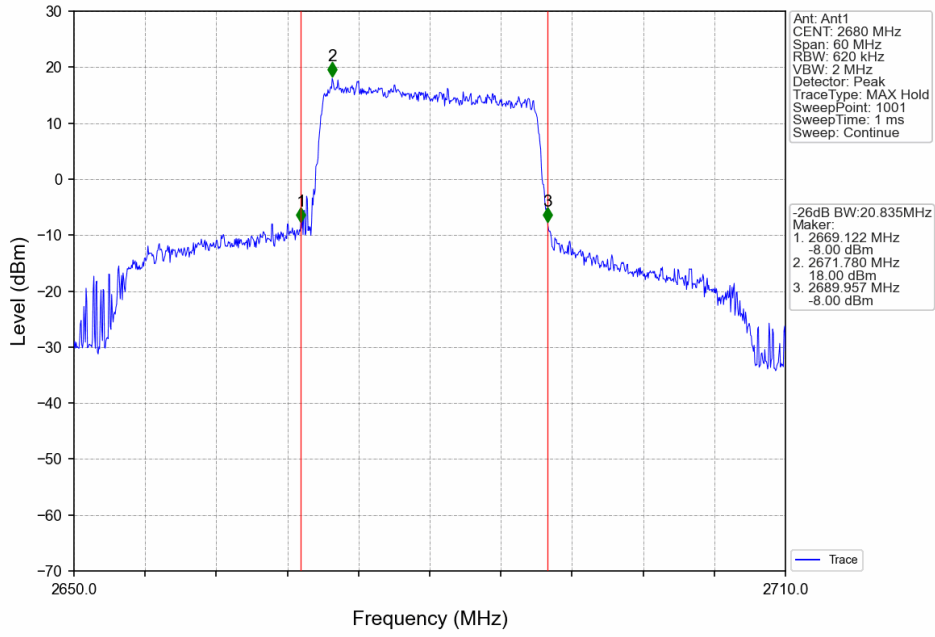
Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_100\_0\_NTNV



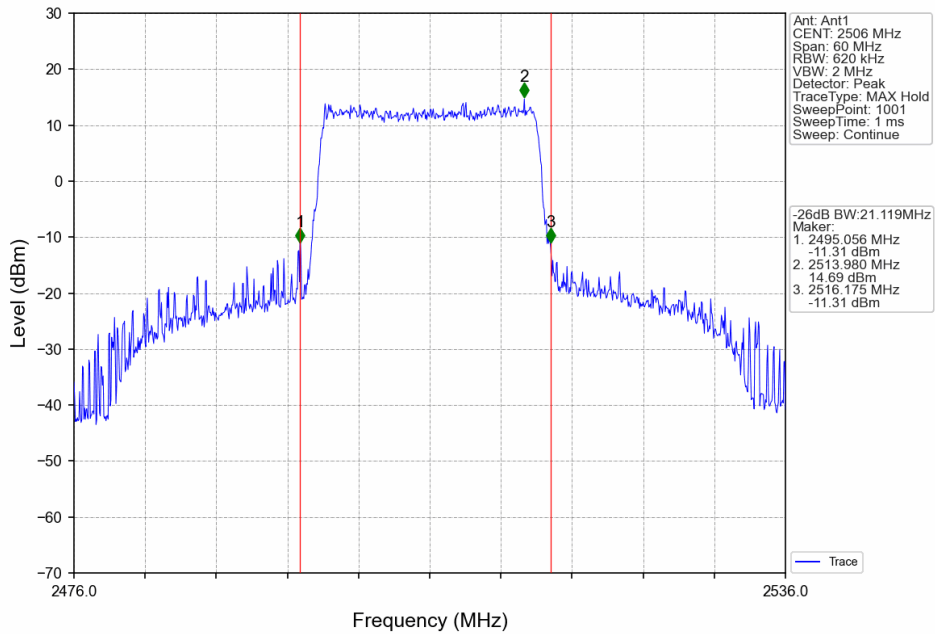
Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_100\_0\_NTNV



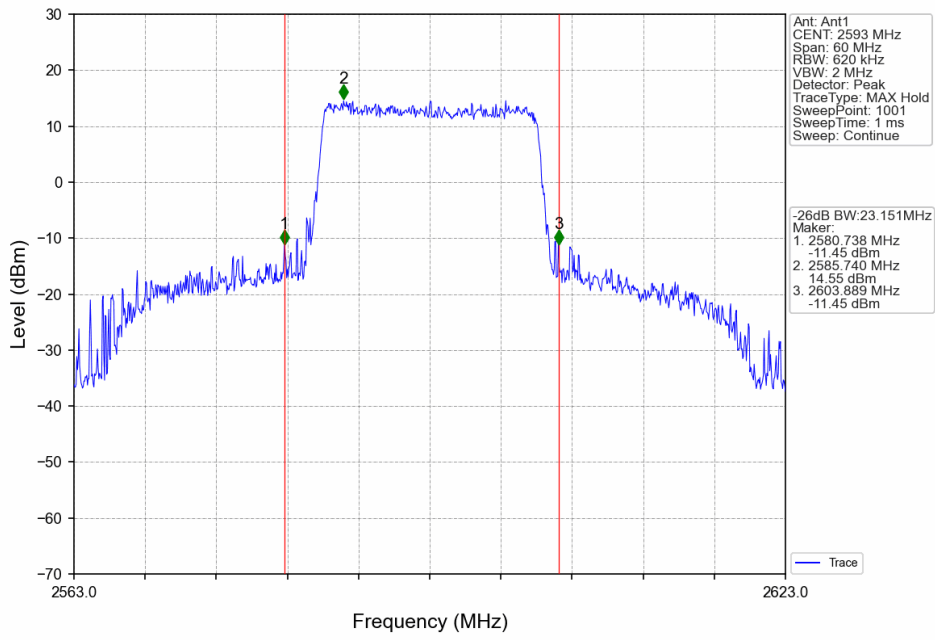
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



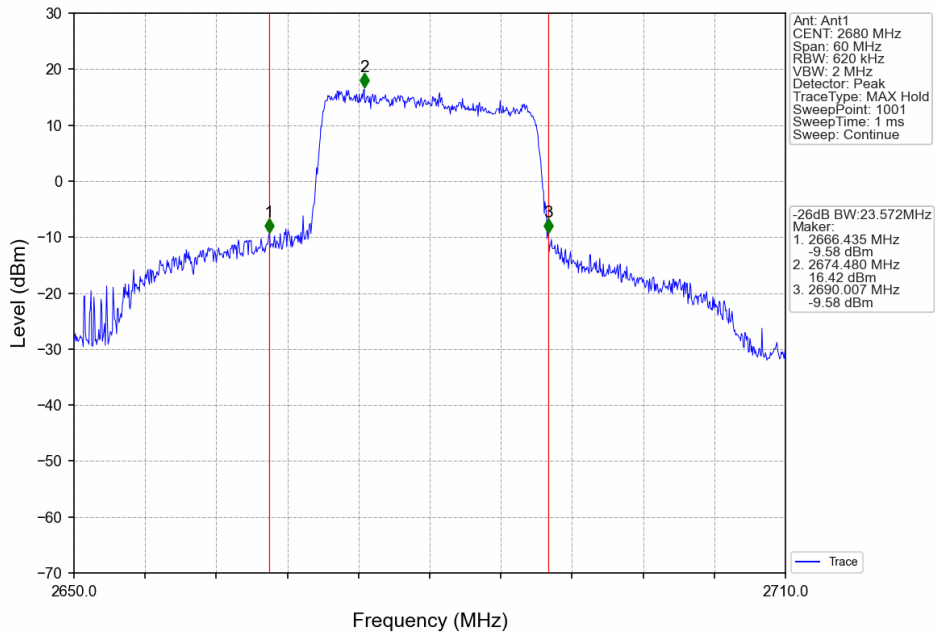
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_16QAM\_MCH\_2593MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_16QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV



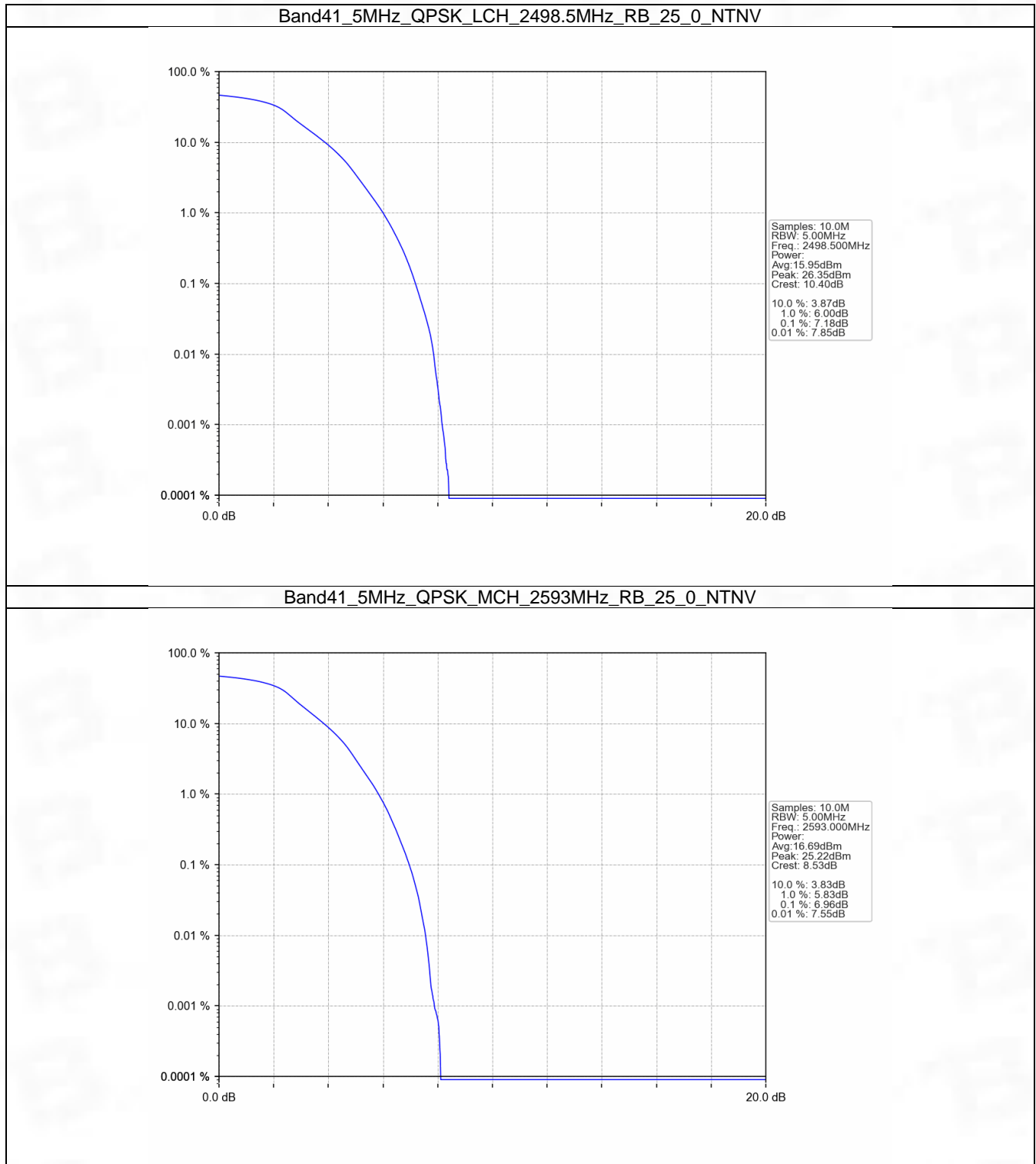
## 5. Peak-Average Ratio

### 5.1 B41\_5MHz

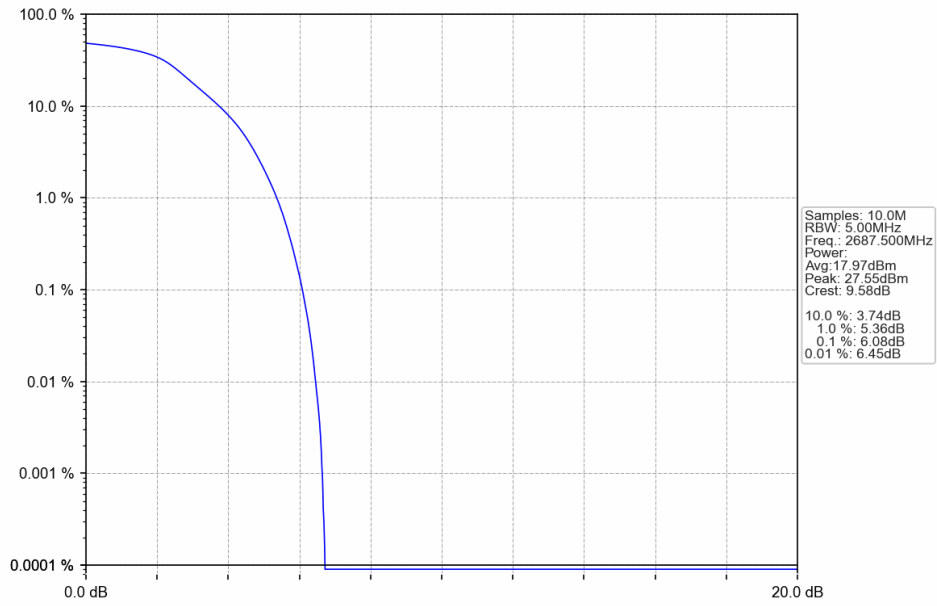
#### 5.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.18	<=13	Pass
	2593	25	0	6.96	<=13	Pass
	2687.5	25	0	6.08	<=13	Pass
16QAM	2498.5	25	0	7.74	<=13	Pass
	2593	25	0	7.52	<=13	Pass
	2687.5	25	0	7.13	<=13	Pass

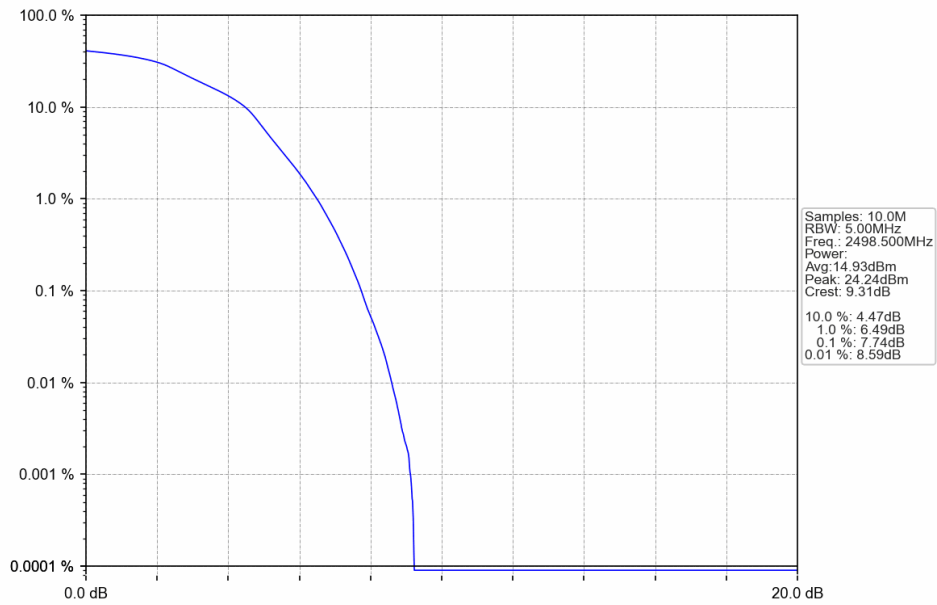
### 5.1.2 Test Graph



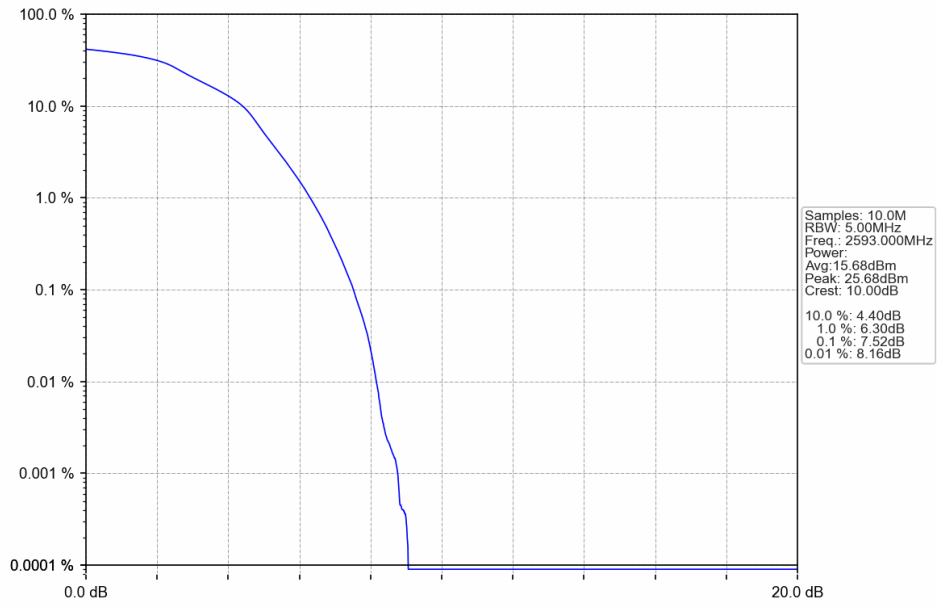
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



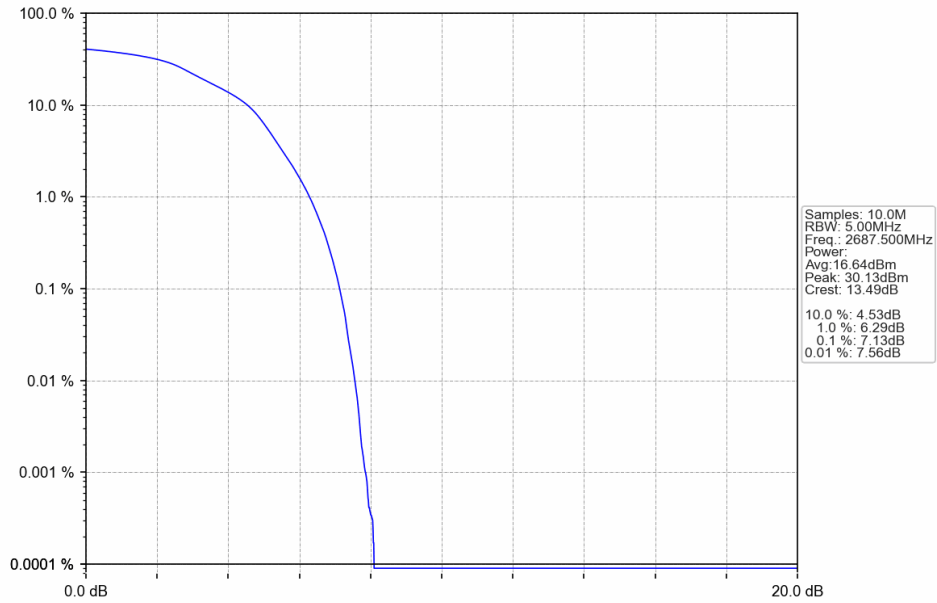
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



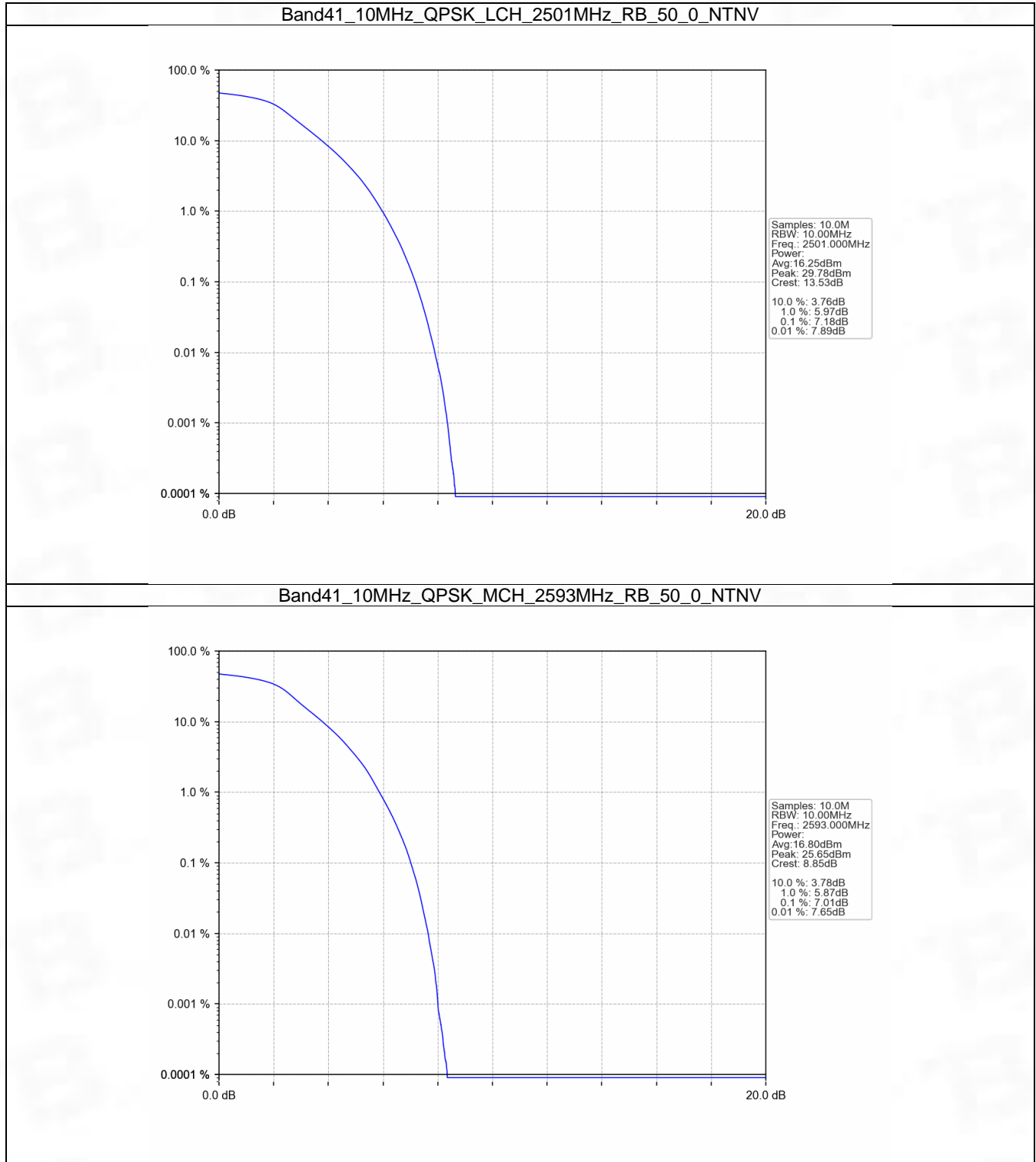
## 5.2 B41\_10MHz

### 5.2.1 Test Result

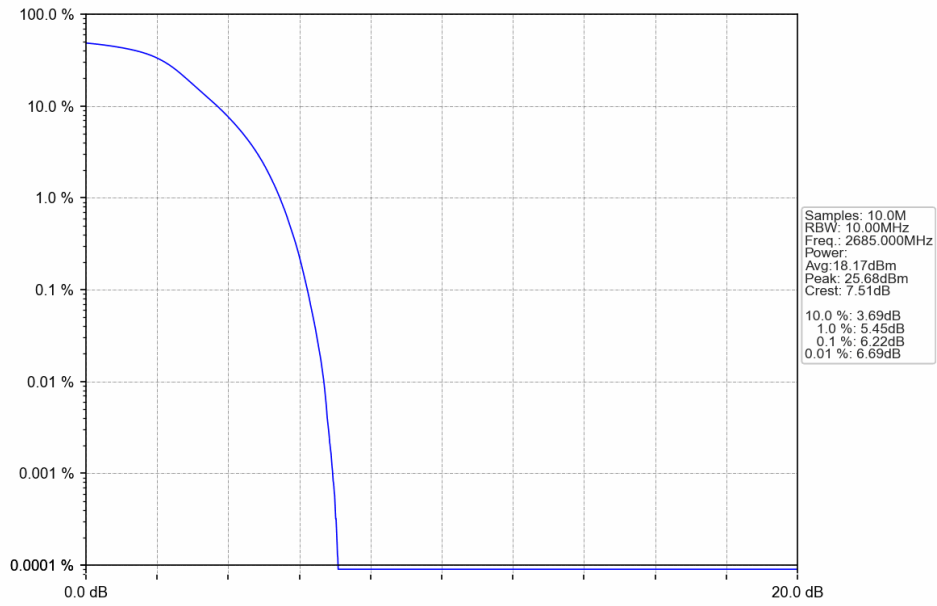
Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.18	<=13	Pass
	2593	50	0	7.01	<=13	Pass
	2685	50	0	6.22	<=13	Pass
16QAM	2501	50	0	7.82	<=13	Pass
	2593	50	0	7.58	<=13	Pass
	2685	50	0	7.15	<=13	Pass



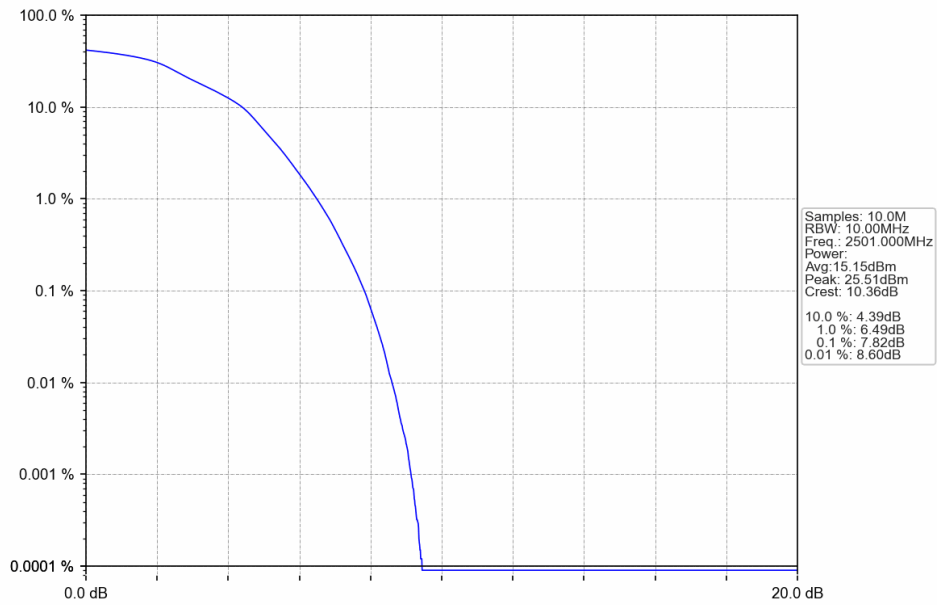
## 5.2.2 Test Graph



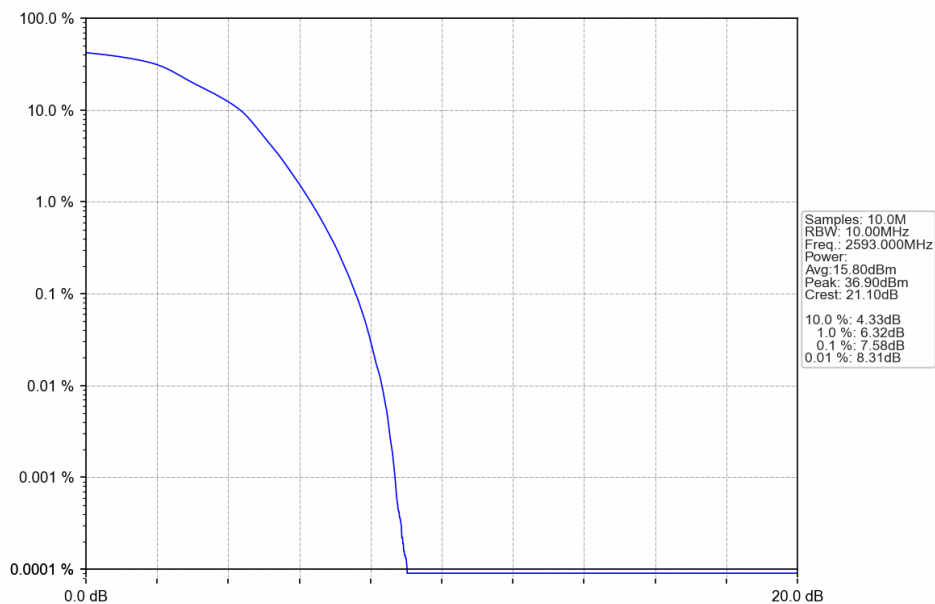
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



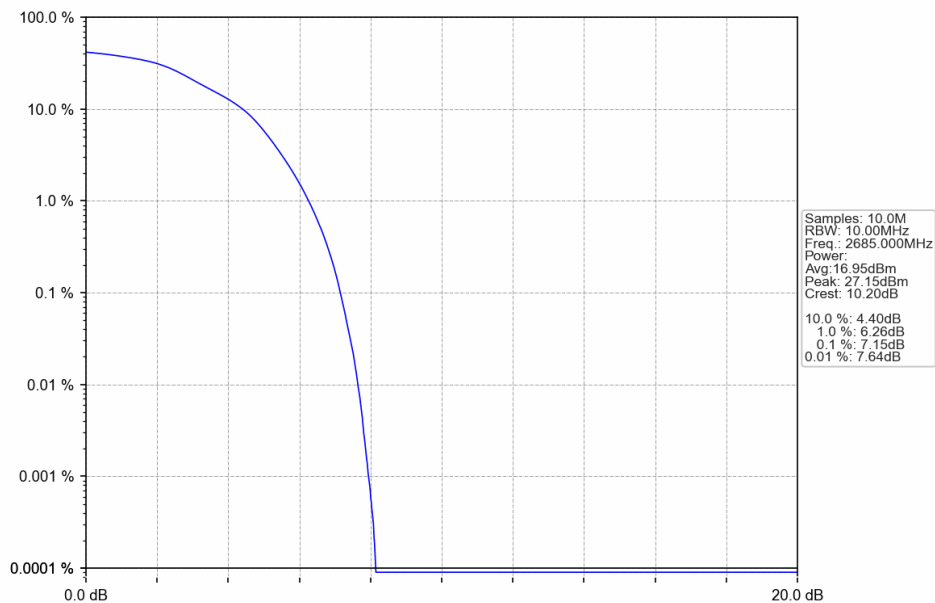
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV



Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV

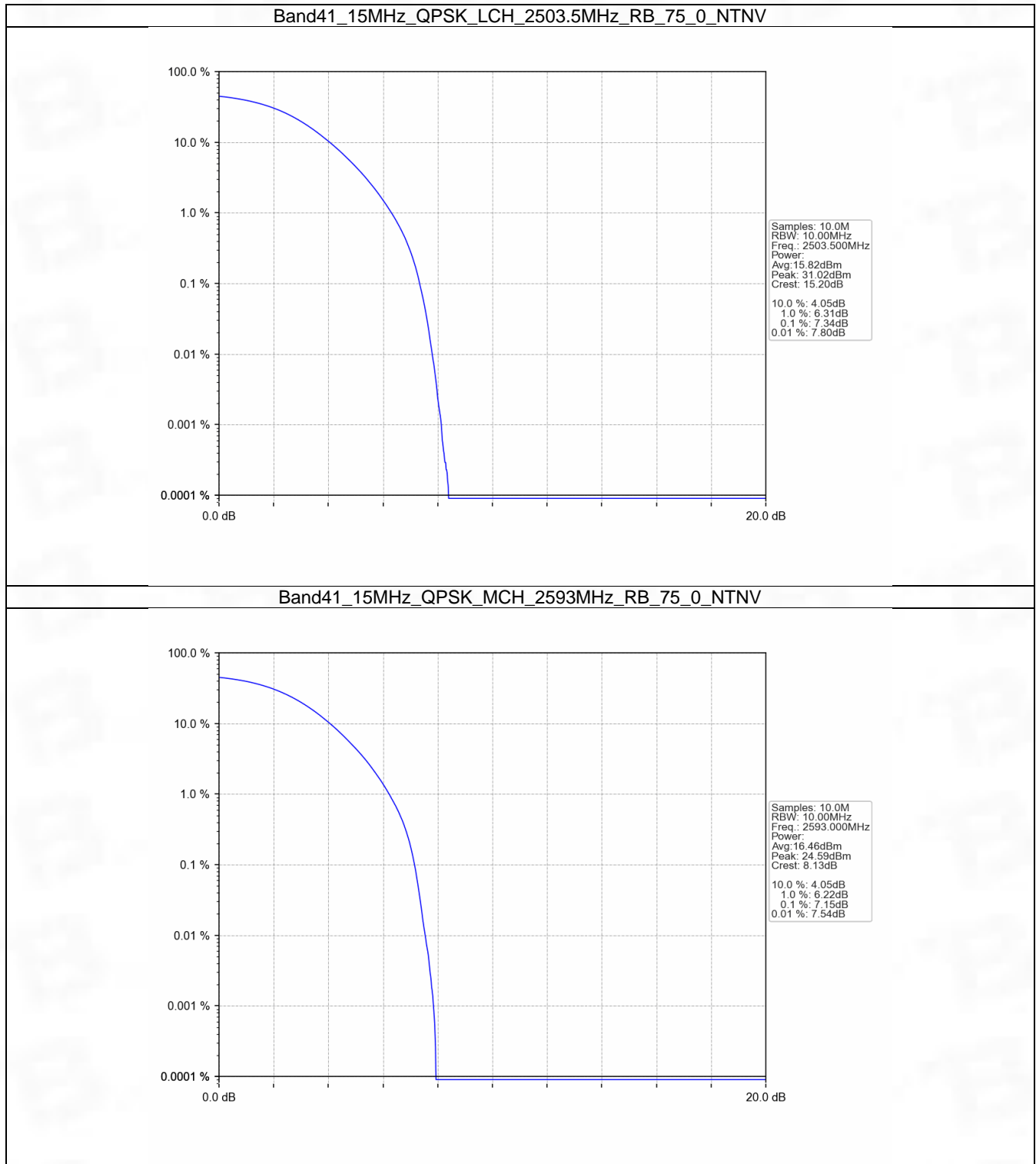


## 5.3 B41\_15MHz

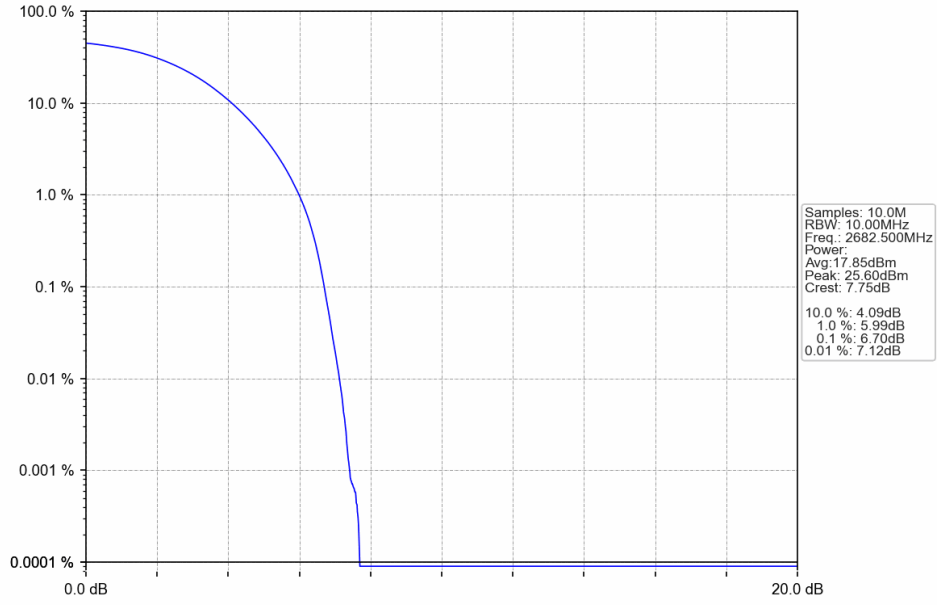
### 5.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	7.34	<=13	Pass
	2593	75	0	7.15	<=13	Pass
	2682.5	75	0	6.70	<=13	Pass
16QAM	2503.5	75	0	7.84	<=13	Pass
	2593	75	0	7.66	<=13	Pass
	2682.5	75	0	7.47	<=13	Pass

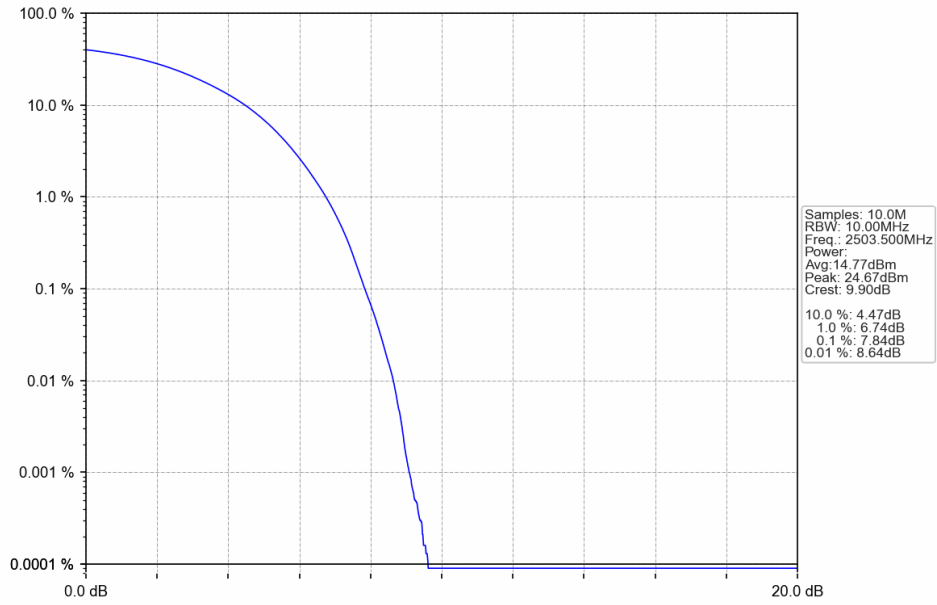
### 5.3.2 Test Graph



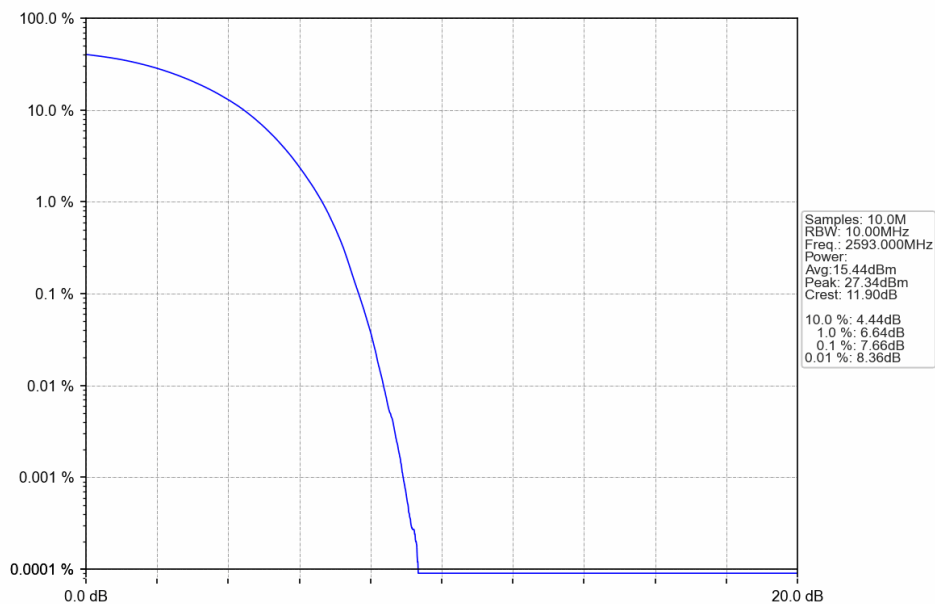
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



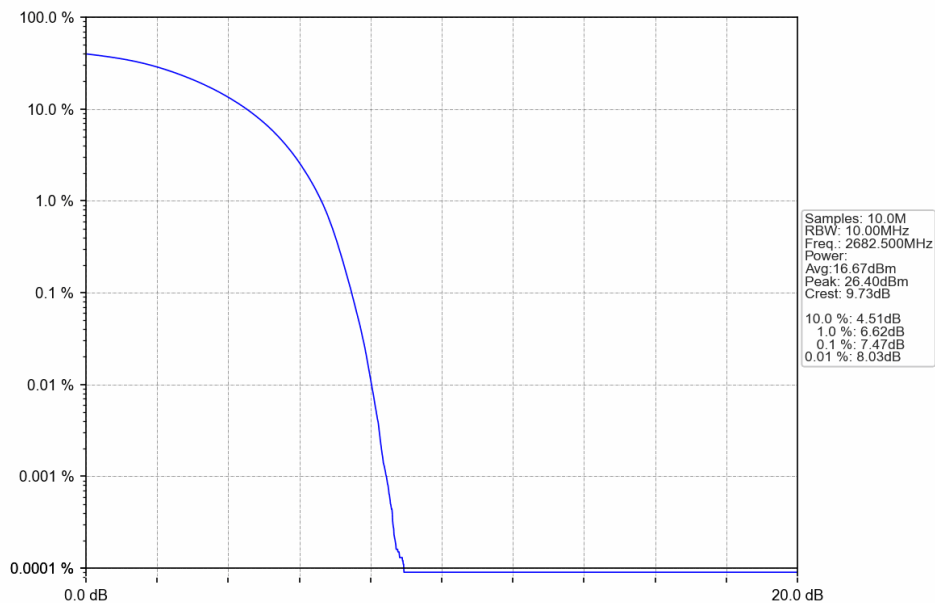
Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



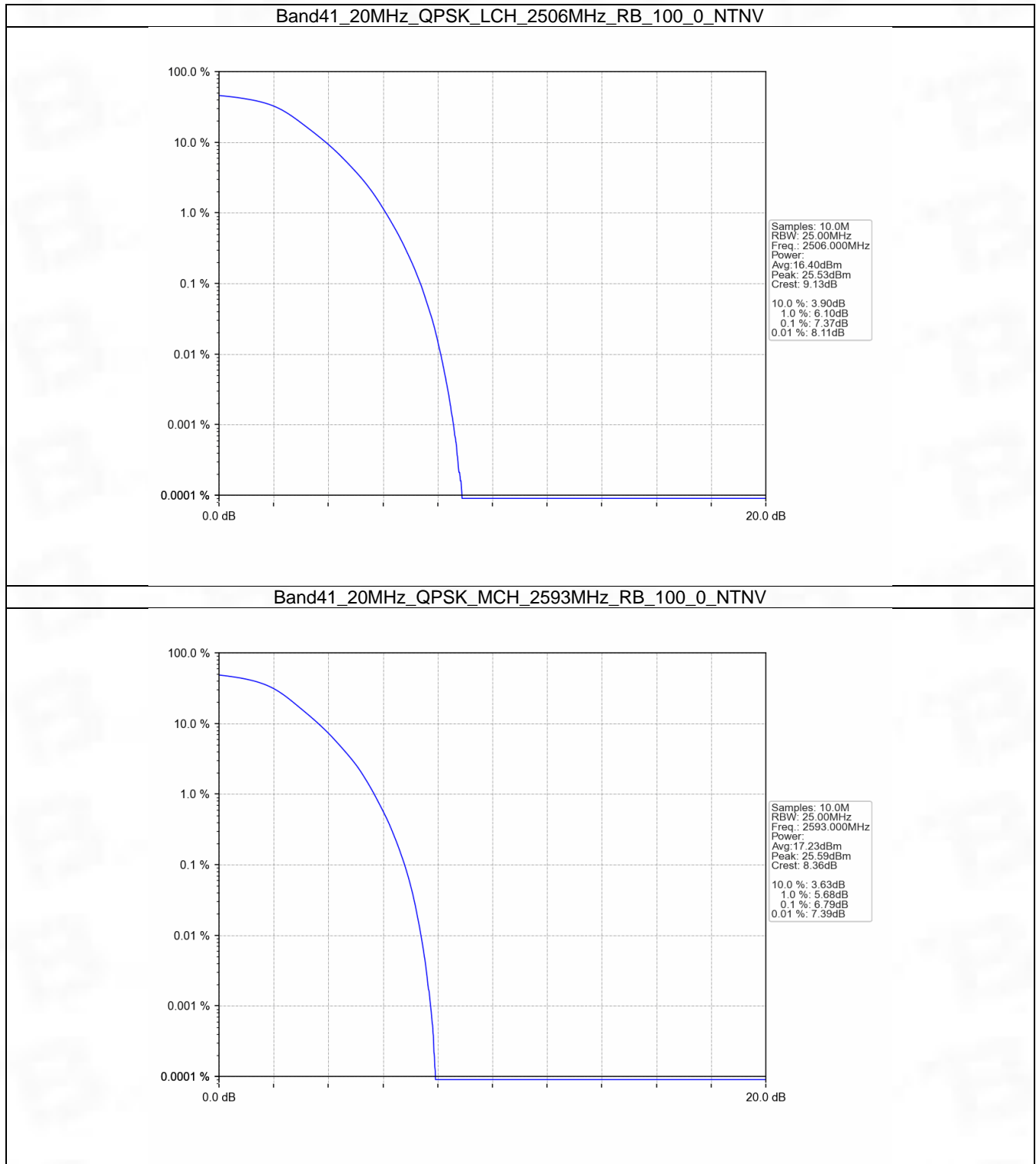
## 5.4 B41\_20MHz

### 5.4.1 Test Result

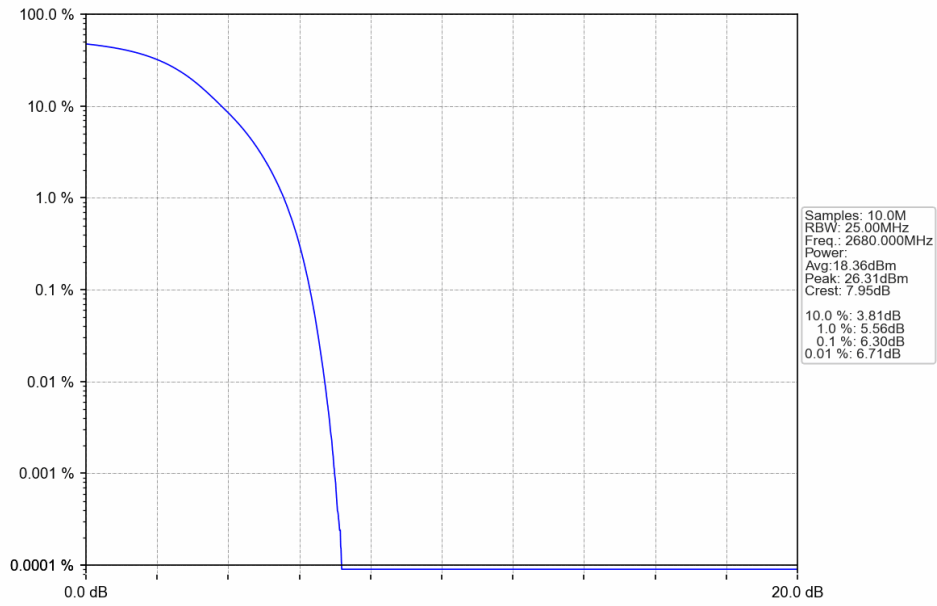
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.37	<=13	Pass
	2593	100	0	6.79	<=13	Pass
	2680	100	0	6.30	<=13	Pass
16QAM	2506	100	0	8.05	<=13	Pass
	2593	100	0	7.52	<=13	Pass
	2680	100	0	7.03	<=13	Pass



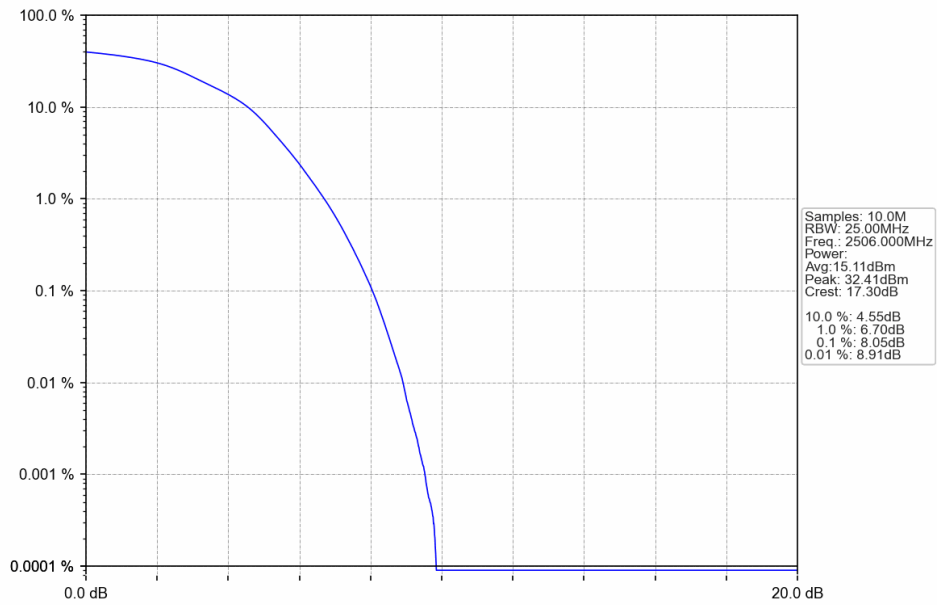
## 5.4.2 Test Graph



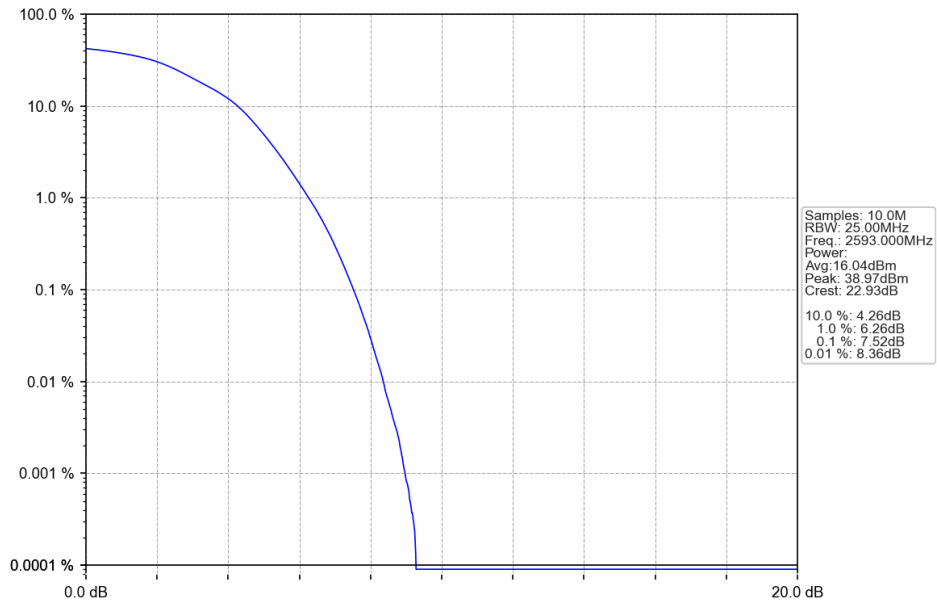
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



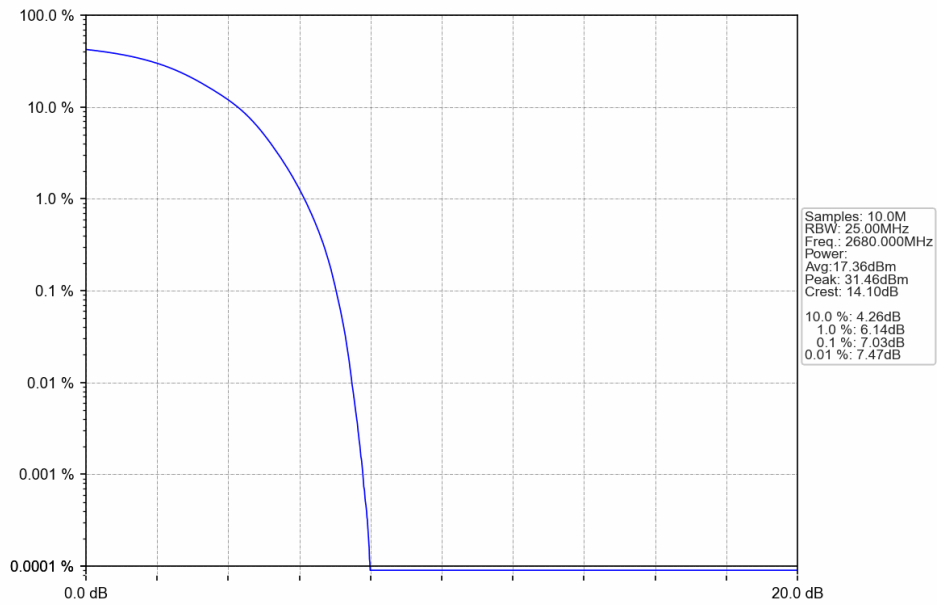
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_16QAM\_MCH\_2593MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_16QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV



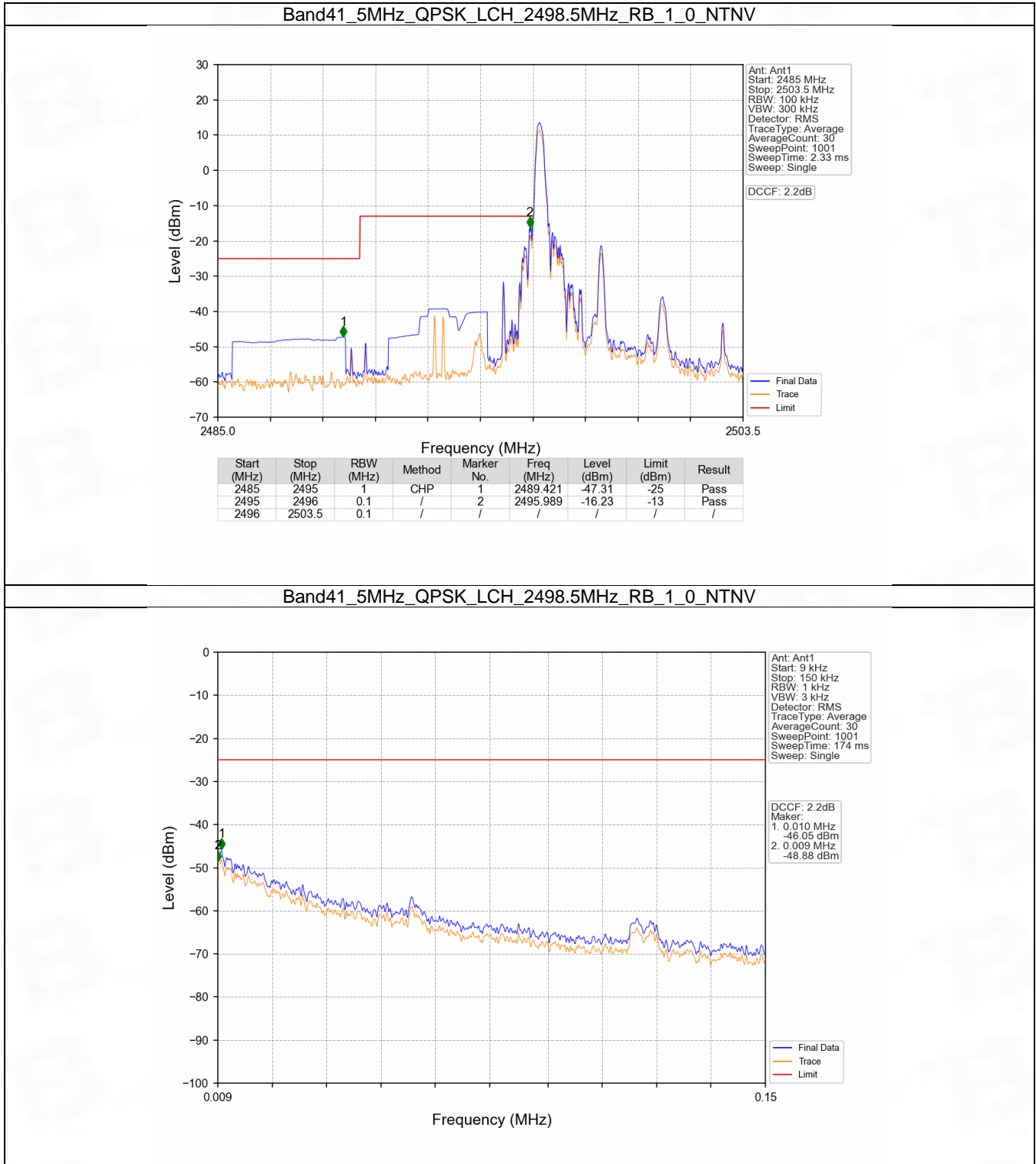
## 6. Spurious Emission

### 6.1 B41\_5MHz

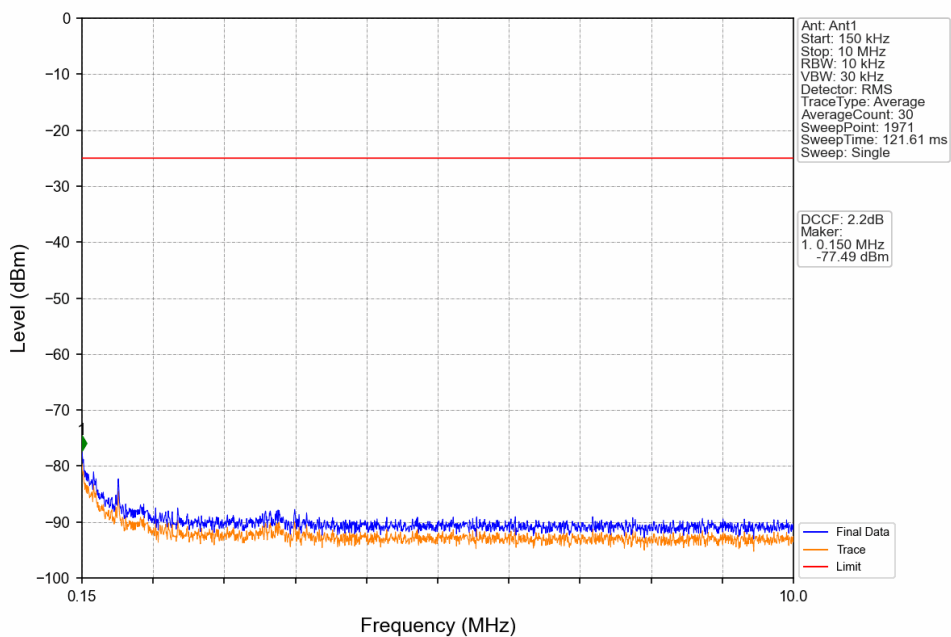
#### 6.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

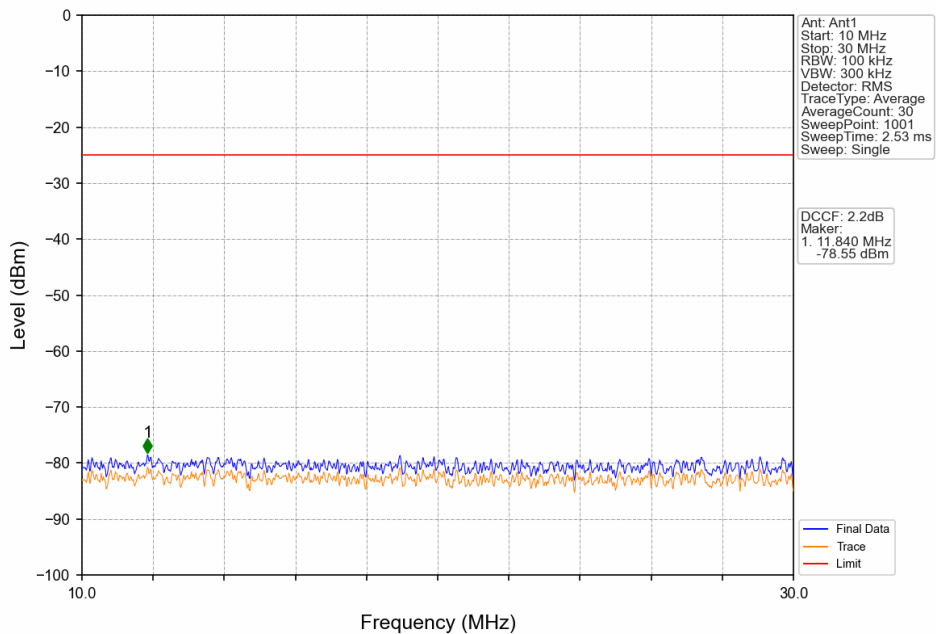
### 6.1.2 Test Graph



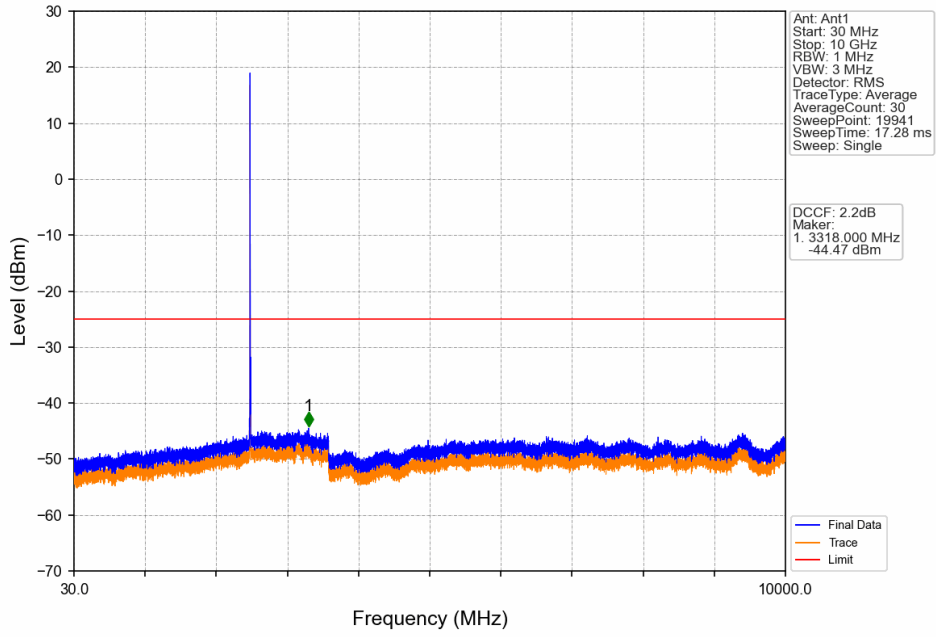
Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



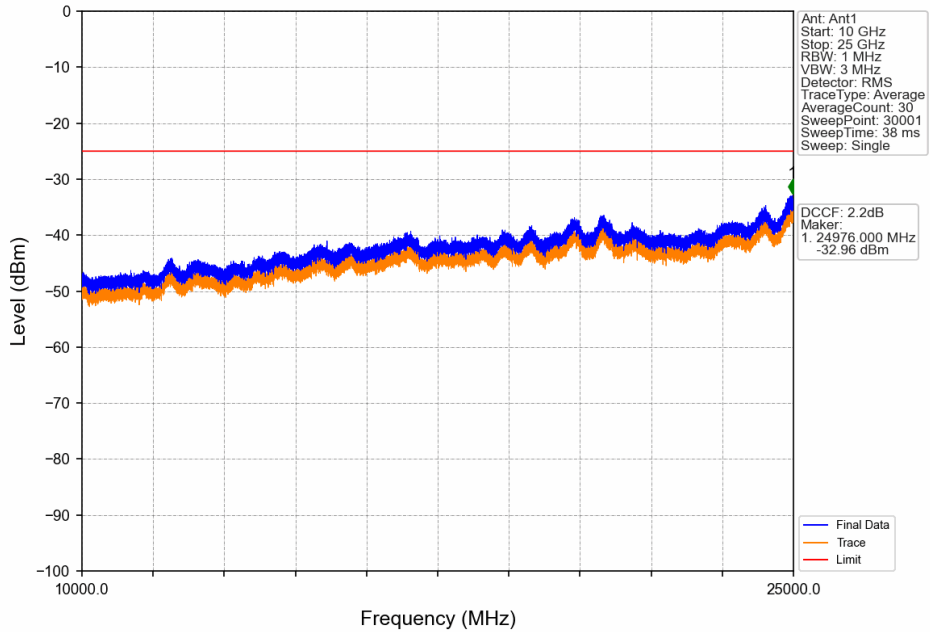
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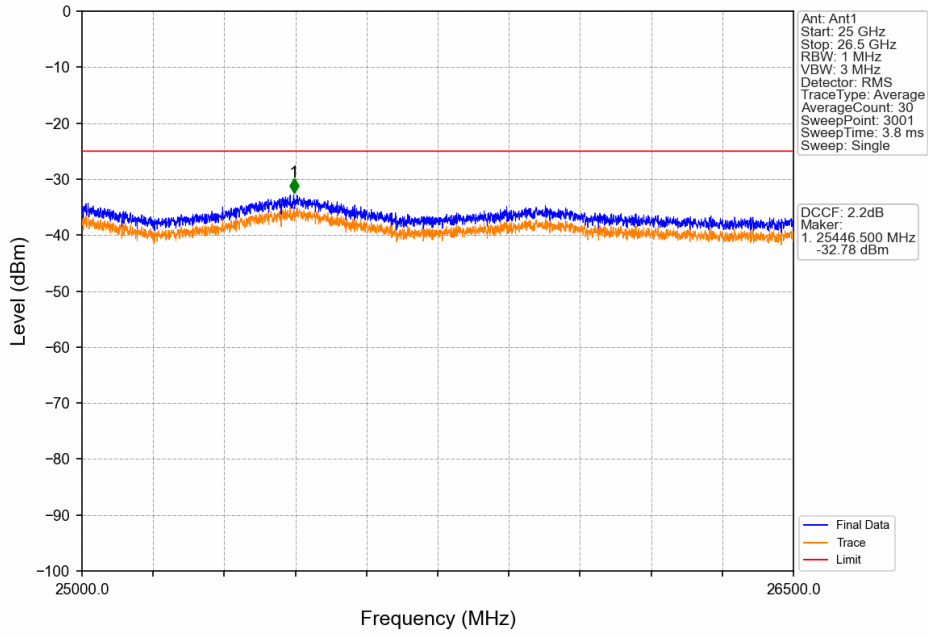
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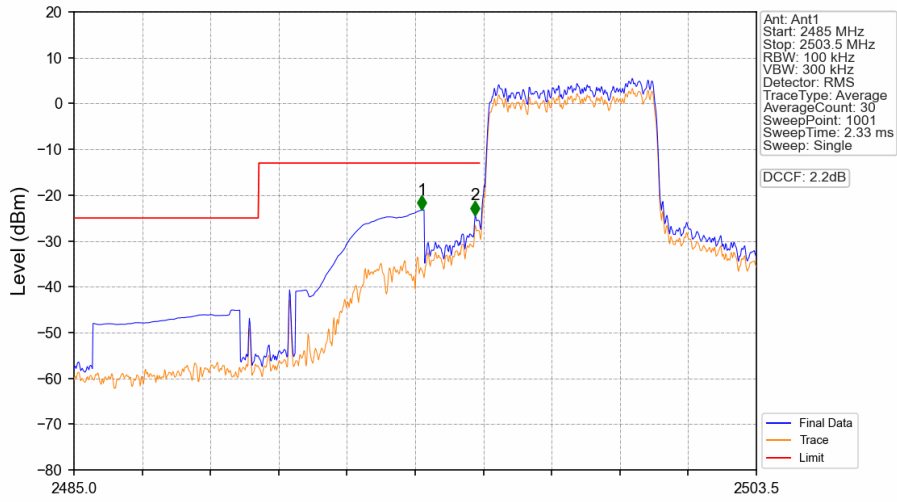
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Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



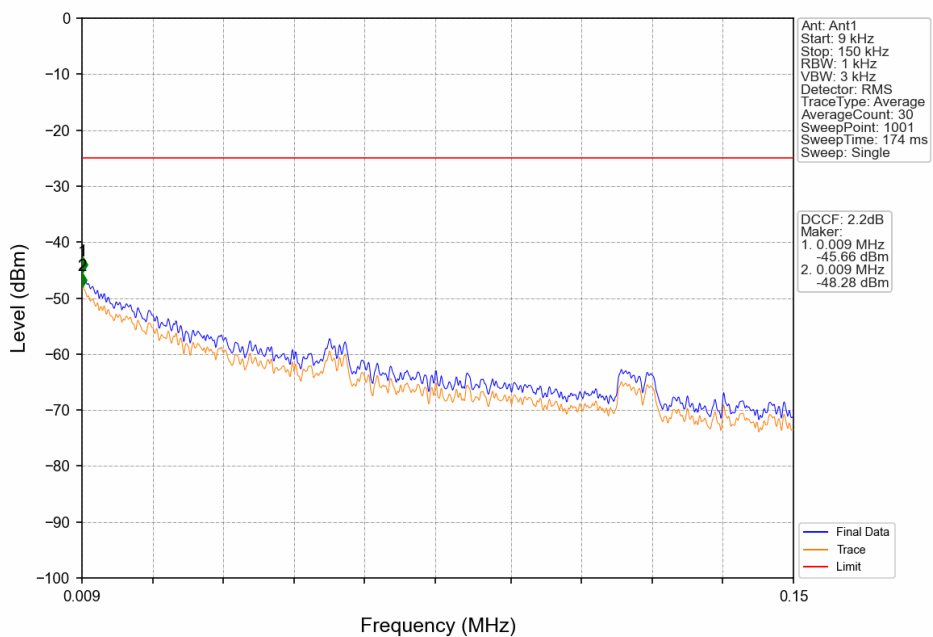
Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



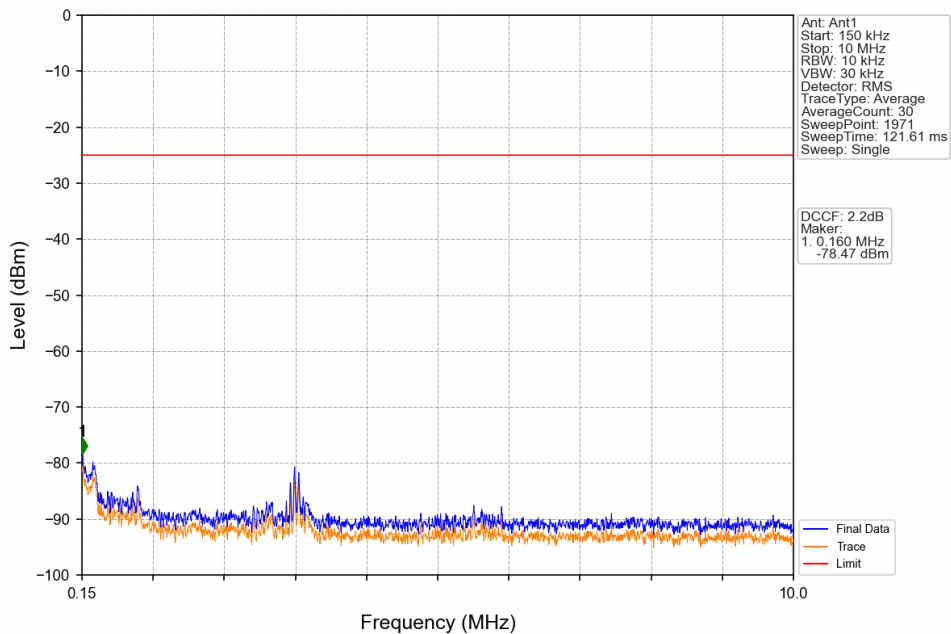
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.435	-23.26	-13	Pass
2495	2496	0.1	/	2	2495.878	-24.35	-13	Pass
2496	2503.5	0.113	/	/	/	/	/	/



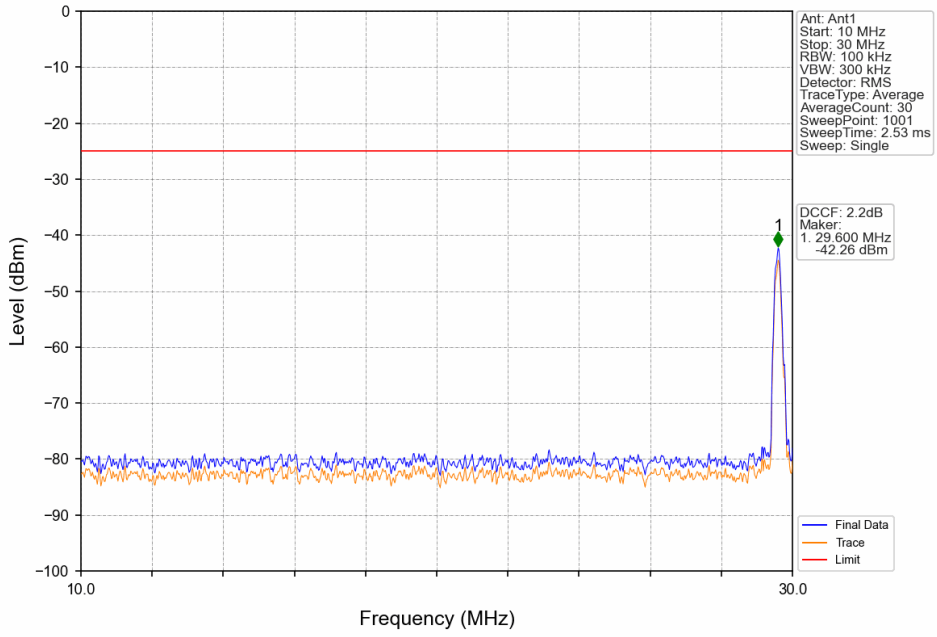
Band41\_5MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



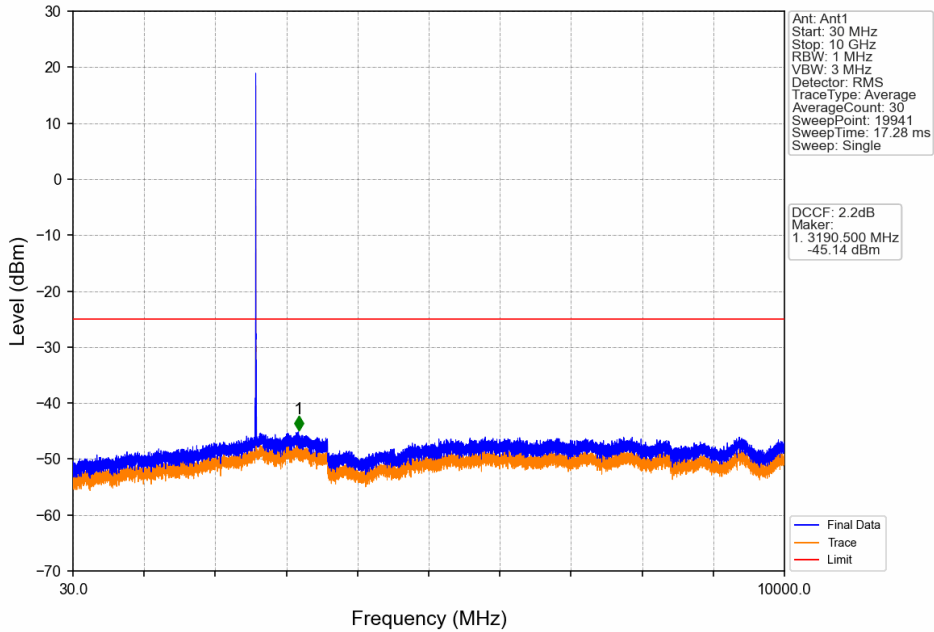
Band41\_5MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



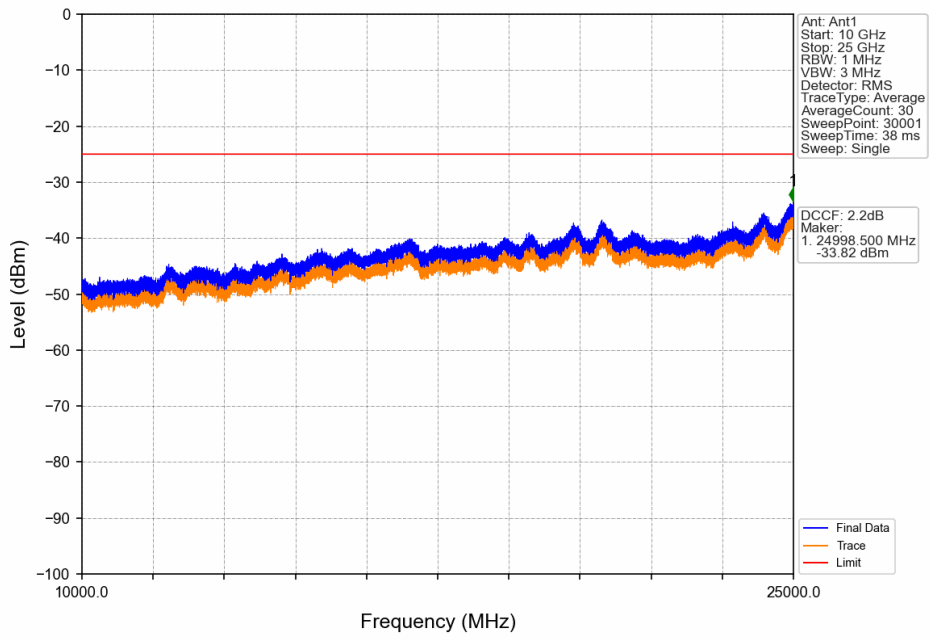
Band41\_5MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



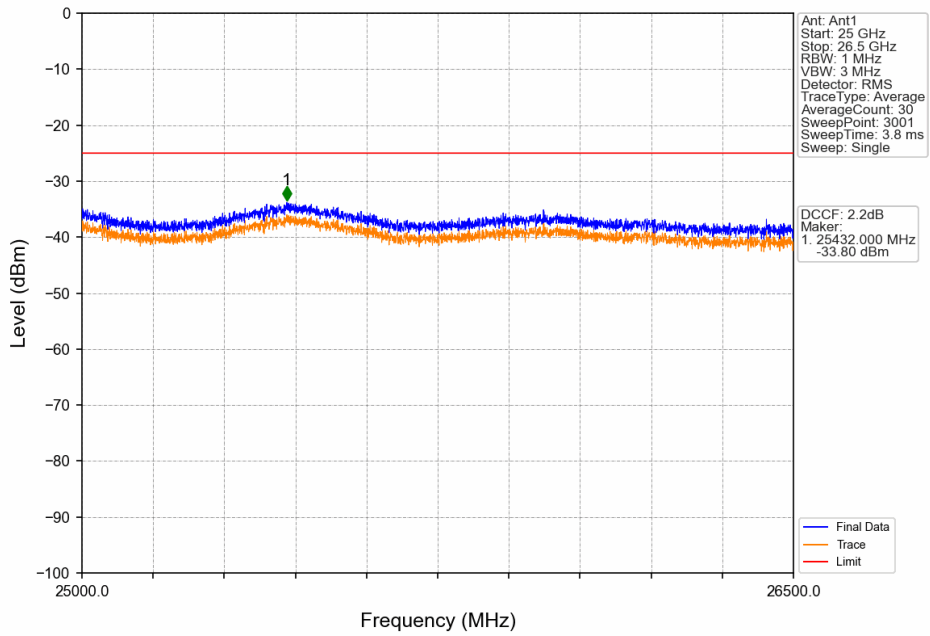
Band41\_5MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



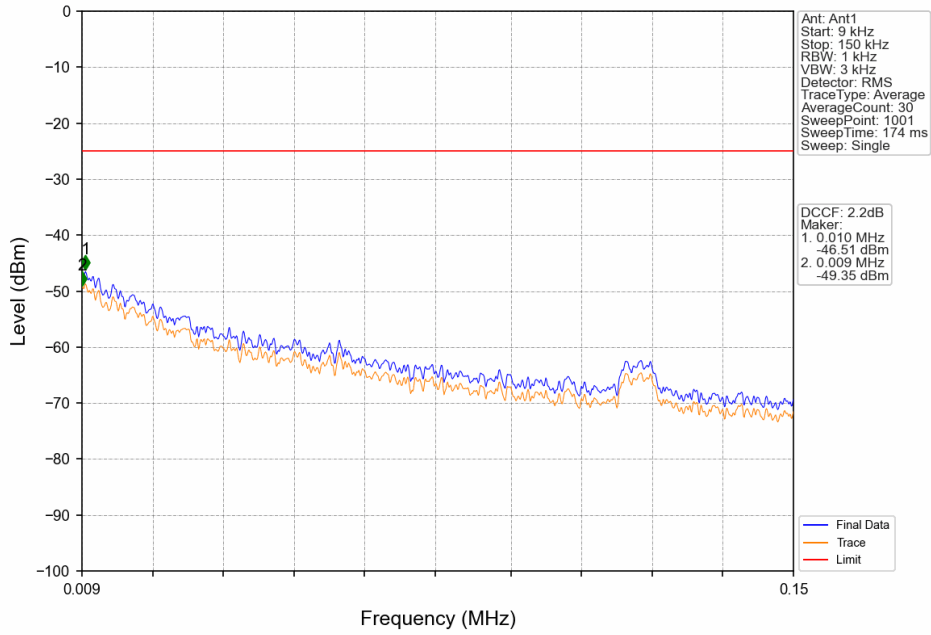
Band41\_5MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



Band41\_5MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV



Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV

