

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B41\_5MHz\_EIRP

### 1.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2498.5	1	0	24.57	0.48	25.05	<=33.01	Pass		
			13	24.66	0.48	25.14	<=33.01	Pass		
			24	24.56	0.48	25.04	<=33.01	Pass		
		12	0	23.52	0.48	24.00	<=33.01	Pass		
			6	23.63	0.48	24.11	<=33.01	Pass		
			13	23.55	0.48	24.03	<=33.01	Pass		
		25	0	23.52	0.48	24.00	<=33.01	Pass		
		2593	1	0	24.89	0.48	25.37	<=33.01	Pass	
				13	24.92	0.48	25.40	<=33.01	Pass	
	24			24.78	0.48	25.26	<=33.01	Pass		
	12		0	23.87	0.48	24.35	<=33.01	Pass		
			6	24.00	0.48	24.48	<=33.01	Pass		
			13	23.88	0.48	24.36	<=33.01	Pass		
	25		0	23.83	0.48	24.31	<=33.01	Pass		
	2687.5		1	0	25.16	0.48	25.64	<=33.01	Pass	
				13	25.40	0.48	25.88	<=33.01	Pass	
		24		25.25	0.48	25.73	<=33.01	Pass		
		12	0	24.24	0.48	24.72	<=33.01	Pass		
			6	24.34	0.48	24.82	<=33.01	Pass		
			13	24.28	0.48	24.76	<=33.01	Pass		
		25	0	24.26	0.48	24.74	<=33.01	Pass		
		16QAM	2498.5	1	0	23.49	0.48	23.97	<=33.01	Pass
					13	23.59	0.48	24.07	<=33.01	Pass
	24				23.55	0.48	24.03	<=33.01	Pass	
12	0			22.48	0.48	22.96	<=33.01	Pass		
	6			22.48	0.48	22.96	<=33.01	Pass		
	13			22.49	0.48	22.97	<=33.01	Pass		
25	0			22.55	0.48	23.03	<=33.01	Pass		
2593	1			0	24.04	0.48	24.52	<=33.01	Pass	
				13	23.90	0.48	24.38	<=33.01	Pass	
			24	24.04	0.48	24.52	<=33.01	Pass		
	12		0	22.89	0.48	23.37	<=33.01	Pass		
			6	22.95	0.48	23.43	<=33.01	Pass		
			13	22.86	0.48	23.34	<=33.01	Pass		
	25		0	22.90	0.48	23.38	<=33.01	Pass		
	2687.5		1	0	24.20	0.48	24.68	<=33.01	Pass	
				13	24.44	0.48	24.92	<=33.01	Pass	
24				24.24	0.48	24.72	<=33.01	Pass		
12			0	23.28	0.48	23.76	<=33.01	Pass		
			6	23.29	0.48	23.77	<=33.01	Pass		
			13	23.25	0.48	23.73	<=33.01	Pass		
25			0	23.22	0.48	23.70	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.2 B41\_10MHz\_EIRP

### 1.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2501	1	0	24.60	0.48	25.08	<=33.01	Pass		
			25	24.83	0.48	25.31	<=33.01	Pass		
			49	24.61	0.48	25.09	<=33.01	Pass		
		25	0	23.62	0.48	24.10	<=33.01	Pass		
			13	23.66	0.48	24.14	<=33.01	Pass		
			25	23.65	0.48	24.13	<=33.01	Pass		
		50	0	23.62	0.48	24.10	<=33.01	Pass		
		2593	1	0	24.97	0.48	25.45	<=33.01	Pass	
				25	25.22	0.48	25.70	<=33.01	Pass	
	49			24.91	0.48	25.39	<=33.01	Pass		
	25		0	23.97	0.48	24.45	<=33.01	Pass		
			13	23.99	0.48	24.47	<=33.01	Pass		
			25	23.87	0.48	24.35	<=33.01	Pass		
	50		0	23.87	0.48	24.35	<=33.01	Pass		
	2685		1	0	25.26	0.48	25.74	<=33.01	Pass	
				25	25.44	0.48	25.92	<=33.01	Pass	
		49		25.30	0.48	25.78	<=33.01	Pass		
		25	0	24.27	0.48	24.75	<=33.01	Pass		
			13	24.36	0.48	24.84	<=33.01	Pass		
			25	24.30	0.48	24.78	<=33.01	Pass		
		50	0	24.34	0.48	24.82	<=33.01	Pass		
		16QAM	2501	1	0	23.52	0.48	24.00	<=33.01	Pass
					25	23.79	0.48	24.27	<=33.01	Pass
	49				23.55	0.48	24.03	<=33.01	Pass	
25	0			22.67	0.48	23.15	<=33.01	Pass		
	13			22.65	0.48	23.13	<=33.01	Pass		
	25			22.61	0.48	23.09	<=33.01	Pass		
50	0			22.55	0.48	23.03	<=33.01	Pass		
2593	1			0	23.80	0.48	24.28	<=33.01	Pass	
				25	24.02	0.48	24.50	<=33.01	Pass	
			49	23.77	0.48	24.25	<=33.01	Pass		
	25		0	23.01	0.48	23.49	<=33.01	Pass		
			13	23.01	0.48	23.49	<=33.01	Pass		
			25	22.91	0.48	23.39	<=33.01	Pass		
	50		0	22.88	0.48	23.36	<=33.01	Pass		
	2685		1	0	24.03	0.48	24.51	<=33.01	Pass	
				25	24.50	0.48	24.98	<=33.01	Pass	
49				24.35	0.48	24.83	<=33.01	Pass		
25			0	23.38	0.48	23.86	<=33.01	Pass		
			13	23.34	0.48	23.82	<=33.01	Pass		
			25	23.28	0.48	23.76	<=33.01	Pass		
50			0	23.31	0.48	23.79	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

### 1.3 B41\_15MHz\_EIRP

#### 1.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	24.53	0.48	25.01	<=33.01	Pass
			38	24.62	0.48	25.10	<=33.01	Pass
			74	24.57	0.48	25.05	<=33.01	Pass

16QAM	2593	36	0	23.60	0.48	24.08	<=33.01	Pass	
			18	23.71	0.48	24.19	<=33.01	Pass	
			39	23.65	0.48	24.13	<=33.01	Pass	
		75	0	23.63	0.48	24.11	<=33.01	Pass	
			1	0	24.80	0.48	25.28	<=33.01	Pass
				38	24.98	0.48	25.46	<=33.01	Pass
		74		24.68	0.48	25.16	<=33.01	Pass	
		36	0	23.96	0.48	24.44	<=33.01	Pass	
			18	23.95	0.48	24.43	<=33.01	Pass	
	39		23.87	0.48	24.35	<=33.01	Pass		
	75	0	23.93	0.48	24.41	<=33.01	Pass		
		1	0	25.09	0.48	25.57	<=33.01	Pass	
			38	25.25	0.48	25.73	<=33.01	Pass	
	74		25.15	0.48	25.63	<=33.01	Pass		
	2682.5	36	0	24.33	0.48	24.81	<=33.01	Pass	
			18	24.34	0.48	24.82	<=33.01	Pass	
			39	24.33	0.48	24.81	<=33.01	Pass	
		75	0	24.35	0.48	24.83	<=33.01	Pass	
			1	0	23.34	0.48	23.82	<=33.01	Pass
				38	23.36	0.48	23.84	<=33.01	Pass
		74		23.47	0.48	23.95	<=33.01	Pass	
36		0	22.60	0.48	23.08	<=33.01	Pass		
		18	22.62	0.48	23.10	<=33.01	Pass		
	39	22.57	0.48	23.05	<=33.01	Pass			
75	0	22.59	0.48	23.07	<=33.01	Pass			
	1	0	23.66	0.48	24.14	<=33.01	Pass		
		38	23.70	0.48	24.18	<=33.01	Pass		
74		23.64	0.48	24.12	<=33.01	Pass			
36	0	22.93	0.48	23.41	<=33.01	Pass			
	18	22.88	0.48	23.36	<=33.01	Pass			
	39	22.91	0.48	23.39	<=33.01	Pass			
75	0	22.88	0.48	23.36	<=33.01	Pass			
	1	0	24.06	0.48	24.54	<=33.01	Pass		
		38	24.34	0.48	24.82	<=33.01	Pass		
74		24.01	0.48	24.49	<=33.01	Pass			
36	0	23.25	0.48	23.73	<=33.01	Pass			
	18	23.27	0.48	23.75	<=33.01	Pass			
	39	23.24	0.48	23.72	<=33.01	Pass			
75	0	23.28	0.48	23.76	<=33.01	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

## 1.4 B41\_20MHz\_EIRP

### 1.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	24.32	0.48	24.80	<=33.01	Pass
			50	24.63	0.48	25.11	<=33.01	Pass
			99	24.28	0.48	24.76	<=33.01	Pass
		50	0	23.57	0.48	24.05	<=33.01	Pass
			25	23.57	0.48	24.05	<=33.01	Pass
			50	23.54	0.48	24.02	<=33.01	Pass
	2593	1	0	23.57	0.48	24.05	<=33.01	Pass
			0	24.68	0.48	25.16	<=33.01	Pass
			50	25.09	0.48	25.57	<=33.01	Pass

		50	99	24.53	0.48	25.01	<=33.01	Pass	
			0	23.93	0.48	24.41	<=33.01	Pass	
			25	23.89	0.48	24.37	<=33.01	Pass	
		100	50	23.82	0.48	24.30	<=33.01	Pass	
			0	23.87	0.48	24.35	<=33.01	Pass	
			50	24.98	0.48	25.46	<=33.01	Pass	
	2680	1	0	25.29	0.48	25.77	<=33.01	Pass	
			99	25.10	0.48	25.58	<=33.01	Pass	
			0	24.29	0.48	24.77	<=33.01	Pass	
		50	25	24.29	0.48	24.77	<=33.01	Pass	
			50	24.10	0.48	24.58	<=33.01	Pass	
			0	24.08	0.48	24.56	<=33.01	Pass	
	16QAM	2506	1	0	22.87	0.48	23.35	<=33.01	Pass
				50	23.70	0.48	24.18	<=33.01	Pass
				99	23.36	0.48	23.84	<=33.01	Pass
			50	0	22.46	0.48	22.94	<=33.01	Pass
				25	22.58	0.48	23.06	<=33.01	Pass
				50	22.54	0.48	23.02	<=33.01	Pass
100		0	22.56	0.48	23.04	<=33.01	Pass		
2593		1	0	23.35	0.48	23.83	<=33.01	Pass	
			50	23.72	0.48	24.20	<=33.01	Pass	
			99	23.29	0.48	23.77	<=33.01	Pass	
		50	0	22.96	0.48	23.44	<=33.01	Pass	
			25	22.94	0.48	23.42	<=33.01	Pass	
			50	22.86	0.48	23.34	<=33.01	Pass	
100		0	22.89	0.48	23.37	<=33.01	Pass		
2680		1	0	23.92	0.48	24.40	<=33.01	Pass	
			50	24.39	0.48	24.87	<=33.01	Pass	
			99	23.66	0.48	24.14	<=33.01	Pass	
		50	0	23.02	0.48	23.50	<=33.01	Pass	
	25		23.15	0.48	23.63	<=33.01	Pass		
	50		22.95	0.48	23.43	<=33.01	Pass		
100	0	23.18	0.48	23.66	<=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	-0.887	-0.0004	-2.5 to 2.5	Pass
					3.85	-22.702	-0.0091	-2.5 to 2.5	Pass
					4.43	-8.497	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-20.027	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-18.568	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-2.432	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-9.356	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-13.604	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-2.260	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-15.092	-0.0060	-2.5 to 2.5	Pass
	50	3.85	-28.639	-0.0115	-2.5 to 2.5	Pass			
2593	25	0	20	3.27	6.108	0.0024	-2.5 to 2.5	Pass	

					3.85	-2.518	-0.0010	-2.5 to 2.5	Pass
					4.43	-38.996	-0.0150	-2.5 to 2.5	Pass
				-30	3.85	4.106	0.0016	-2.5 to 2.5	Pass
				-20	3.85	-3.448	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-44.546	-0.0172	-2.5 to 2.5	Pass
				0	3.85	411.902	0.1589	-2.5 to 2.5	Pass
				10	3.85	409.527	0.1579	-2.5 to 2.5	Pass
				30	3.85	345.612	0.1333	-2.5 to 2.5	Pass
				40	3.85	380.960	0.1469	-2.5 to 2.5	Pass
	50	3.85	379.214	0.1462	-2.5 to 2.5	Pass			
	2687.5	25	0	20	3.27	-0.815	-0.0003	-2.5 to 2.5	Pass
					3.85	-12.832	-0.0048	-2.5 to 2.5	Pass
					4.43	163.665	0.0609	-2.5 to 2.5	Pass
				-30	3.85	224.204	0.0834	-2.5 to 2.5	Pass
				-20	3.85	217.052	0.0808	-2.5 to 2.5	Pass
				-10	3.85	151.091	0.0562	-2.5 to 2.5	Pass
				0	3.85	174.737	0.0650	-2.5 to 2.5	Pass
				10	3.85	169.101	0.0629	-2.5 to 2.5	Pass
30				3.85	86.145	0.0321	-2.5 to 2.5	Pass	
40	3.85	119.548	0.0445	-2.5 to 2.5	Pass				
50	3.85	99.764	0.0371	-2.5 to 2.5	Pass				
16QAM	2498.5	25	0	20	3.27	87.690	0.0351	-2.5 to 2.5	Pass
					3.85	77.076	0.0308	-2.5 to 2.5	Pass
					4.43	5.007	0.0020	-2.5 to 2.5	Pass
				-30	3.85	33.445	0.0134	-2.5 to 2.5	Pass
				-20	3.85	18.454	0.0074	-2.5 to 2.5	Pass
				-10	3.85	-380.173	-0.1522	-2.5 to 2.5	Pass
				0	3.85	-461.283	-0.1846	-2.5 to 2.5	Pass
				10	3.85	-464.602	-0.1860	-2.5 to 2.5	Pass
				30	3.85	-564.051	-0.2258	-2.5 to 2.5	Pass
	40	3.85	-546.899	-0.2189	-2.5 to 2.5	Pass			
	50	3.85	-549.803	-0.2201	-2.5 to 2.5	Pass			
	2593	25	0	20	3.27	297.804	0.1148	-2.5 to 2.5	Pass
					3.85	338.488	0.1305	-2.5 to 2.5	Pass
					4.43	353.966	0.1365	-2.5 to 2.5	Pass
				-30	3.85	273.871	0.1056	-2.5 to 2.5	Pass
				-20	3.85	323.010	0.1246	-2.5 to 2.5	Pass
				-10	3.85	326.815	0.1260	-2.5 to 2.5	Pass
				0	3.85	257.421	0.0993	-2.5 to 2.5	Pass
10				3.85	303.454	0.1170	-2.5 to 2.5	Pass	
30				3.85	-22.717	-0.0088	-2.5 to 2.5	Pass	
40	3.85	2.031	0.0008	-2.5 to 2.5	Pass				
50	3.85	-32.959	-0.0127	-2.5 to 2.5	Pass				
2687.5	25	0	20	3.27	-7.467	-0.0028	-2.5 to 2.5	Pass	
				3.85	25.864	0.0096	-2.5 to 2.5	Pass	
				4.43	3.662	0.0014	-2.5 to 2.5	Pass	
			-30	3.85	-64.631	-0.0240	-2.5 to 2.5	Pass	
			-20	3.85	-34.547	-0.0129	-2.5 to 2.5	Pass	
			-10	3.85	-62.914	-0.0234	-2.5 to 2.5	Pass	
			0	3.85	-126.085	-0.0469	-2.5 to 2.5	Pass	
			10	3.85	-79.122	-0.0294	-2.5 to 2.5	Pass	
			30	3.85	-114.155	-0.0425	-2.5 to 2.5	Pass	
40	3.85	-161.290	-0.0600	-2.5 to 2.5	Pass				
50	3.85	-132.036	-0.0491	-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	-2.046	-0.0008	-2.5 to 2.5	Pass
					3.85	-15.335	-0.0061	-2.5 to 2.5	Pass
					4.43	-5.994	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-24.590	-0.0098	-2.5 to 2.5	Pass
				-20	3.85	-0.601	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-10.729	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-12.374	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-9.184	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-23.246	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-0.944	-0.0004	-2.5 to 2.5	Pass
	50	3.85	-12.445	-0.0050	-2.5 to 2.5	Pass			
	2593	50	0	20	3.27	-2.160	-0.0008	-2.5 to 2.5	Pass
					3.85	-28.110	-0.0108	-2.5 to 2.5	Pass
					4.43	-16.680	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-3.247	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-6.623	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-17.467	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-15.707	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-14.677	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-15.335	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-25.020	-0.0096	-2.5 to 2.5	Pass
	50	3.85	-15.936	-0.0061	-2.5 to 2.5	Pass			
	2685	50	0	20	3.27	-14.334	-0.0053	-2.5 to 2.5	Pass
					3.85	-6.223	-0.0023	-2.5 to 2.5	Pass
					4.43	-18.625	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-41.728	-0.0155	-2.5 to 2.5	Pass
				-20	3.85	-15.392	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-16.580	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-25.034	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-12.789	-0.0048	-2.5 to 2.5	Pass
30				3.85	-25.549	-0.0095	-2.5 to 2.5	Pass	
40				3.85	-5.279	-0.0020	-2.5 to 2.5	Pass	
50	3.85	4.764	0.0018	-2.5 to 2.5	Pass				
16QAM	2501	50	0	20	3.27	-19.984	-0.0080	-2.5 to 2.5	Pass
					3.85	-13.561	-0.0054	-2.5 to 2.5	Pass
					4.43	-15.965	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-9.055	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-13.218	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-18.482	-0.0074	-2.5 to 2.5	Pass
				0	3.85	-16.022	-0.0064	-2.5 to 2.5	Pass
				10	3.85	1.044	0.0004	-2.5 to 2.5	Pass
				30	3.85	-12.846	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-15.879	-0.0063	-2.5 to 2.5	Pass
	50	3.85	-11.501	-0.0046	-2.5 to 2.5	Pass			
	2593	50	0	20	3.27	-20.642	-0.0080	-2.5 to 2.5	Pass
					3.85	-11.001	-0.0042	-2.5 to 2.5	Pass
					4.43	-21.458	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-15.807	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-19.655	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-9.756	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-10.300	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-21.372	-0.0082	-2.5 to 2.5	Pass
				30	3.85	-18.640	-0.0072	-2.5 to 2.5	Pass
40				3.85	-2.832	-0.0011	-2.5 to 2.5	Pass	

	2685	50	0	50	3.85	-6.423	-0.0025	-2.5 to 2.5	Pass
				20	3.27	-26.193	-0.0098	-2.5 to 2.5	Pass
					3.85	-22.445	-0.0084	-2.5 to 2.5	Pass
				-30	4.43	-9.127	-0.0034	-2.5 to 2.5	Pass
					3.85	0.114	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-30.098	-0.0112	-2.5 to 2.5	Pass
				-10	3.85	-9.012	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-10.915	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-1.760	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-11.172	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-11.616	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-28.639	-0.0107	-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	-2.403	-0.0010	-2.5 to 2.5	Pass
					3.85	-9.756	-0.0039	-2.5 to 2.5	Pass
					4.43	-5.865	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-17.638	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-11.759	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-15.492	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-3.963	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-15.836	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-17.624	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-21.772	-0.0087	-2.5 to 2.5	Pass
				50	3.85	-20.800	-0.0083	-2.5 to 2.5	Pass
				2593	75	0	20	3.27	4.020
	3.85	-9.112	-0.0035					-2.5 to 2.5	Pass
	4.43	-6.652	-0.0026					-2.5 to 2.5	Pass
	-30	3.85	-21.515				-0.0083	-2.5 to 2.5	Pass
	-20	3.85	-7.682				-0.0030	-2.5 to 2.5	Pass
	-10	3.85	-9.069				-0.0035	-2.5 to 2.5	Pass
	0	3.85	-19.298				-0.0074	-2.5 to 2.5	Pass
	10	3.85	-4.120				-0.0016	-2.5 to 2.5	Pass
	30	3.85	-14.620				-0.0056	-2.5 to 2.5	Pass
	40	3.85	3.390				0.0013	-2.5 to 2.5	Pass
	50	3.85	-13.261				-0.0051	-2.5 to 2.5	Pass
	2682.5	75	0				20	3.27	-12.217
				3.85	-6.495	-0.0024		-2.5 to 2.5	Pass
				4.43	-27.967	-0.0104		-2.5 to 2.5	Pass
				-30	3.85	-25.721	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-17.838	-0.0066	-2.5 to 2.5	Pass
				-10	3.85	-10.228	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-15.435	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-8.354	-0.0031	-2.5 to 2.5	Pass
30				3.85	-6.108	-0.0023	-2.5 to 2.5	Pass	
40				3.85	-14.877	-0.0055	-2.5 to 2.5	Pass	
50				3.85	2.804	0.0010	-2.5 to 2.5	Pass	
16QAM				2503.5	75	0	20	3.27	0.172
	3.85	-22.759	-0.0091					-2.5 to 2.5	Pass
	4.43	-9.127	-0.0036					-2.5 to 2.5	Pass
	-30	3.85	-4.706				-0.0019	-2.5 to 2.5	Pass

				-20	3.85	-24.462	-0.0098	-2.5 to 2.5	Pass			
				-10	3.85	-16.937	-0.0068	-2.5 to 2.5	Pass			
				0	3.85	-0.486	-0.0002	-2.5 to 2.5	Pass			
				10	3.85	-18.969	-0.0076	-2.5 to 2.5	Pass			
				30	3.85	-0.315	-0.0001	-2.5 to 2.5	Pass			
				40	3.85	-19.226	-0.0077	-2.5 to 2.5	Pass			
				50	3.85	-1.030	-0.0004	-2.5 to 2.5	Pass			
				2593	75	0	20	3.27	-13.132	-0.0051	-2.5 to 2.5	Pass
								3.85	6.166	0.0024	-2.5 to 2.5	Pass
								4.43	-15.578	-0.0060	-2.5 to 2.5	Pass
	-30	3.85	-15.736				-0.0061	-2.5 to 2.5	Pass			
	-20	3.85	-24.662				-0.0095	-2.5 to 2.5	Pass			
	-10	3.85	7.725				0.0030	-2.5 to 2.5	Pass			
	0	3.85	-10.157				-0.0039	-2.5 to 2.5	Pass			
	10	3.85	-4.792				-0.0018	-2.5 to 2.5	Pass			
	30	3.85	-3.548				-0.0014	-2.5 to 2.5	Pass			
	40	3.85	-23.246				-0.0090	-2.5 to 2.5	Pass			
	50	3.85	2.832	0.0011	-2.5 to 2.5	Pass						
	2682.5	75	0	20	3.27	-3.891	-0.0015	-2.5 to 2.5	Pass			
					3.85	-30.942	-0.0115	-2.5 to 2.5	Pass			
					4.43	-10.700	-0.0040	-2.5 to 2.5	Pass			
				-30	3.85	-16.851	-0.0063	-2.5 to 2.5	Pass			
				-20	3.85	-26.264	-0.0098	-2.5 to 2.5	Pass			
				-10	3.85	-12.774	-0.0048	-2.5 to 2.5	Pass			
				0	3.85	-11.959	-0.0045	-2.5 to 2.5	Pass			
				10	3.85	-1.245	-0.0005	-2.5 to 2.5	Pass			
				30	3.85	8.125	0.0030	-2.5 to 2.5	Pass			
				40	3.85	-25.020	-0.0093	-2.5 to 2.5	Pass			
	50	3.85	-23.818	-0.0089	-2.5 to 2.5	Pass						

## 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	5.336	0.0021	-2.5 to 2.5	Pass
					3.85	-17.467	-0.0070	-2.5 to 2.5	Pass
					4.43	-21.544	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-17.924	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-23.274	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-16.694	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-40.784	-0.0163	-2.5 to 2.5	Pass
				10	3.85	-9.298	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-8.755	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-18.282	-0.0073	-2.5 to 2.5	Pass
	50	3.85	-23.575	-0.0094	-2.5 to 2.5	Pass			
	2593	100	0	20	3.27	-7.396	-0.0029	-2.5 to 2.5	Pass
					3.85	-7.653	-0.0030	-2.5 to 2.5	Pass
					4.43	-20.800	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-23.789	-0.0092	-2.5 to 2.5	Pass
				-20	3.85	-9.198	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-0.629	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-19.498	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-23.961	-0.0092	-2.5 to 2.5	Pass
				30	3.85	-7.467	-0.0029	-2.5 to 2.5	Pass



	2680	100	0	40	3.85	6.251	0.0024	-2.5 to 2.5	Pass
				50	3.85	-16.680	-0.0064	-2.5 to 2.5	Pass
				20	3.27	-25.949	-0.0097	-2.5 to 2.5	Pass
					3.85	-28.281	-0.0106	-2.5 to 2.5	Pass
					4.43	-10.386	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-8.168	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-1.731	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.087	0.0004	-2.5 to 2.5	Pass
				0	3.85	-15.593	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-14.720	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-8.583	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-23.632	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-25.563	-0.0095	-2.5 to 2.5	Pass
				16QAM	2506	100	0	20	3.27
3.85	-20.127	-0.0080	-2.5 to 2.5						Pass
4.43	-7.639	-0.0030	-2.5 to 2.5						Pass
-30	3.85	-22.974	-0.0092					-2.5 to 2.5	Pass
-20	3.85	-8.154	-0.0033					-2.5 to 2.5	Pass
-10	3.85	-5.608	-0.0022					-2.5 to 2.5	Pass
0	3.85	-22.116	-0.0088					-2.5 to 2.5	Pass
10	3.85	-13.032	-0.0052					-2.5 to 2.5	Pass
30	3.85	-11.315	-0.0045					-2.5 to 2.5	Pass
40	3.85	-21.815	-0.0087					-2.5 to 2.5	Pass
50	3.85	2.046	0.0008					-2.5 to 2.5	Pass
2593	100	0	20					3.27	-17.080
					3.85	-2.632	-0.0010	-2.5 to 2.5	Pass
					4.43	-4.578	-0.0018	-2.5 to 2.5	Pass
			-30		3.85	-13.733	-0.0053	-2.5 to 2.5	Pass
			-20		3.85	-10.443	-0.0040	-2.5 to 2.5	Pass
			-10		3.85	-32.873	-0.0127	-2.5 to 2.5	Pass
			0		3.85	-18.582	-0.0072	-2.5 to 2.5	Pass
			10		3.85	-25.134	-0.0097	-2.5 to 2.5	Pass
			30		3.85	-21.930	-0.0085	-2.5 to 2.5	Pass
			40		3.85	-23.689	-0.0091	-2.5 to 2.5	Pass
			50		3.85	32.258	0.0124	-2.5 to 2.5	Pass
			2680		100	0	20	3.27	-18.110
3.85	-13.676	-0.0051						-2.5 to 2.5	Pass
4.43	-10.471	-0.0039						-2.5 to 2.5	Pass
-30	3.85	-18.225					-0.0068	-2.5 to 2.5	Pass
-20	3.85	-8.554					-0.0032	-2.5 to 2.5	Pass
-10	3.85	-15.836					-0.0059	-2.5 to 2.5	Pass
0	3.85	-17.867		-0.0067			-2.5 to 2.5	Pass	
10	3.85	-20.700		-0.0077			-2.5 to 2.5	Pass	
30	3.85	-8.054		-0.0030			-2.5 to 2.5	Pass	
40	3.85	-12.231		-0.0046			-2.5 to 2.5	Pass	
50	3.85	-19.941		-0.0074			-2.5 to 2.5	Pass	

### 3. Modulation Characteristics

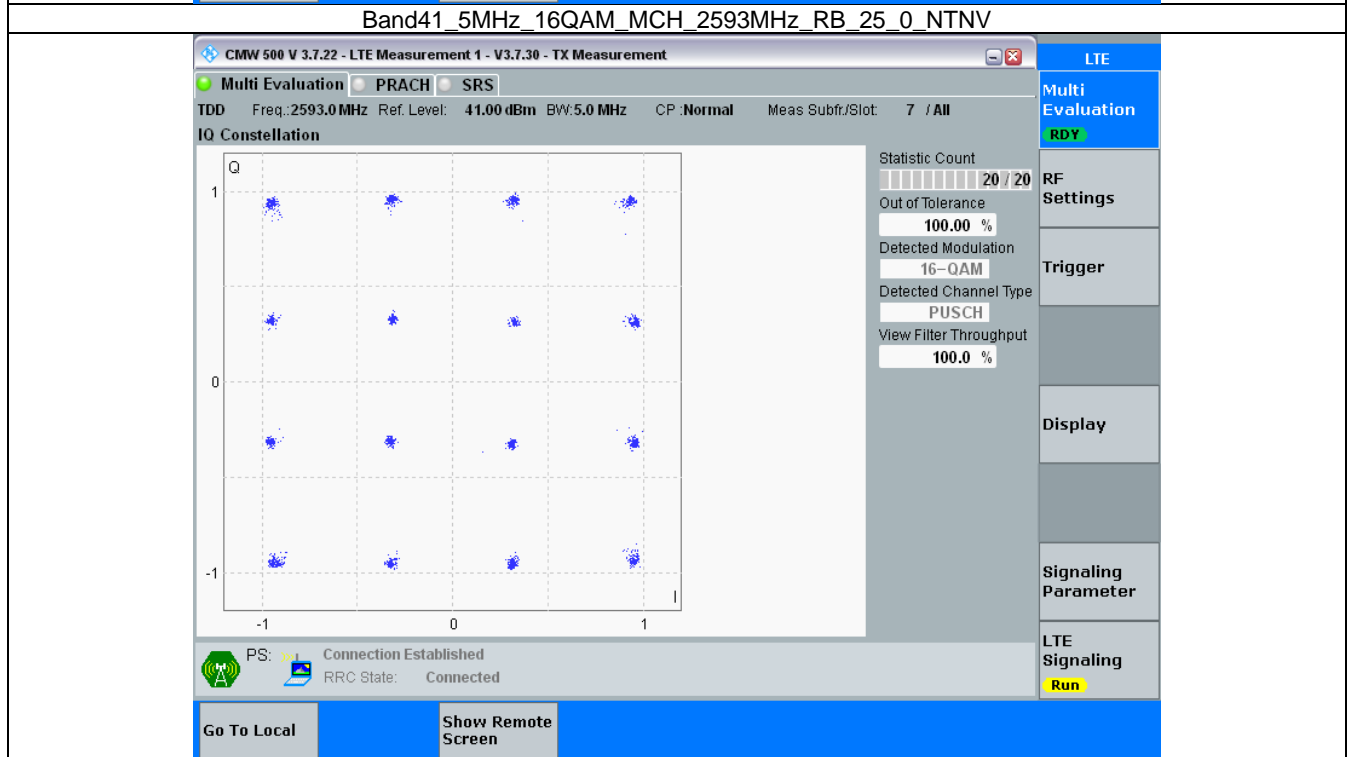
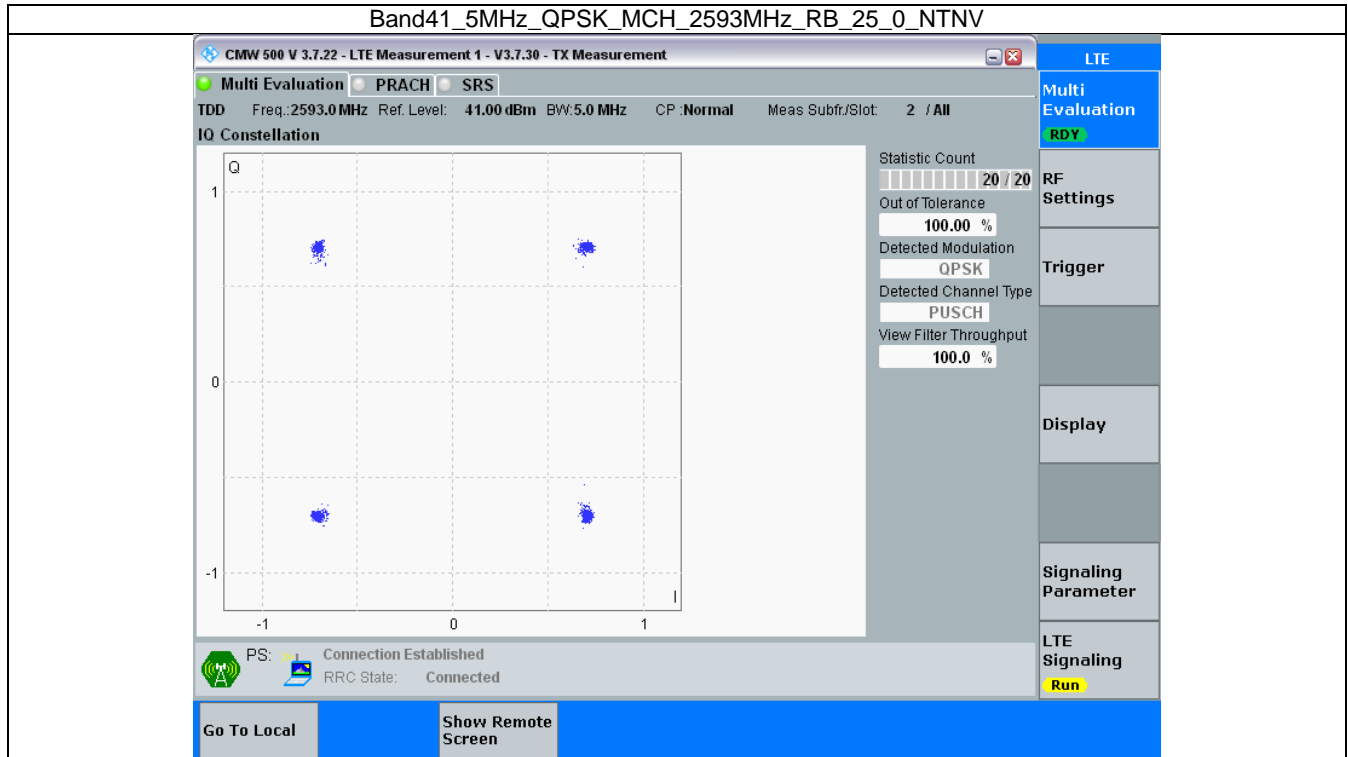
#### 3.1 B41\_5MHz

##### 3.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTN						
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

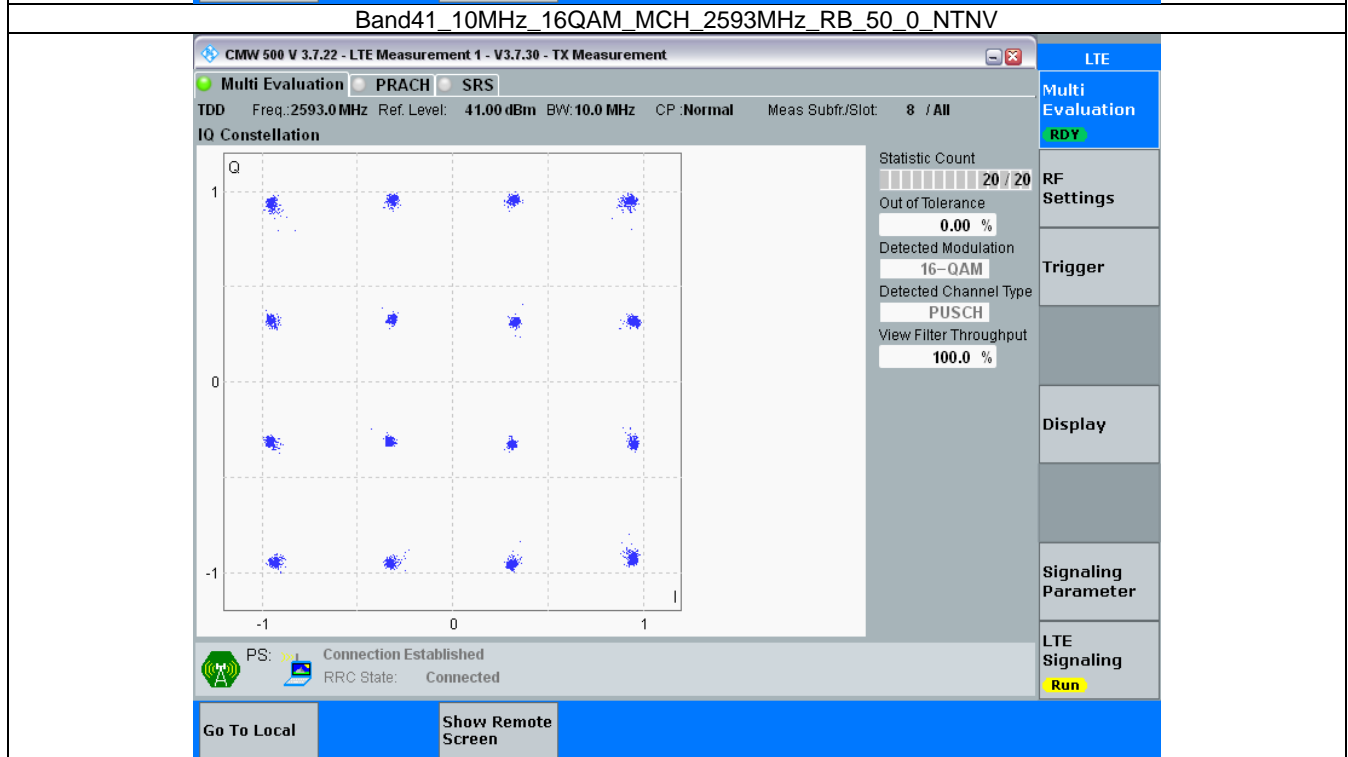
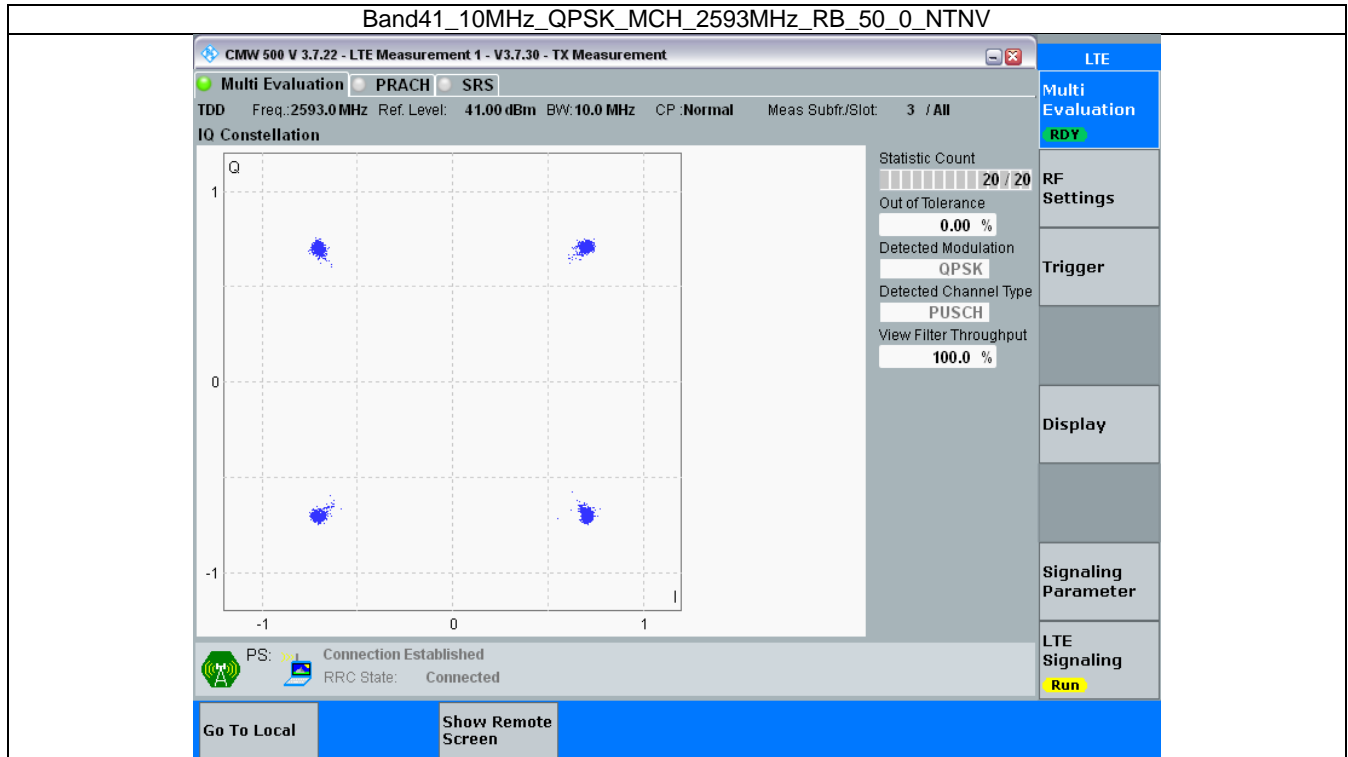


### 3.2 B41\_10MHz

#### 3.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTN						
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

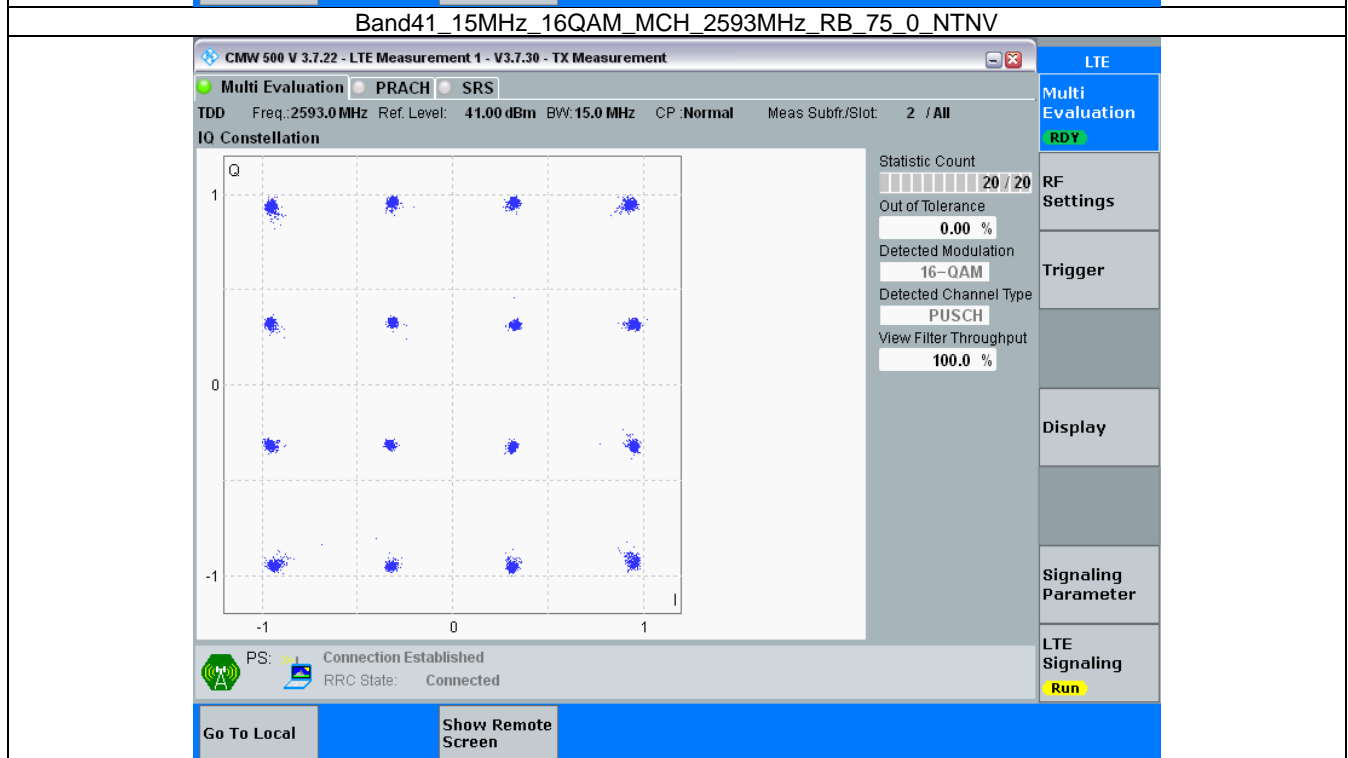
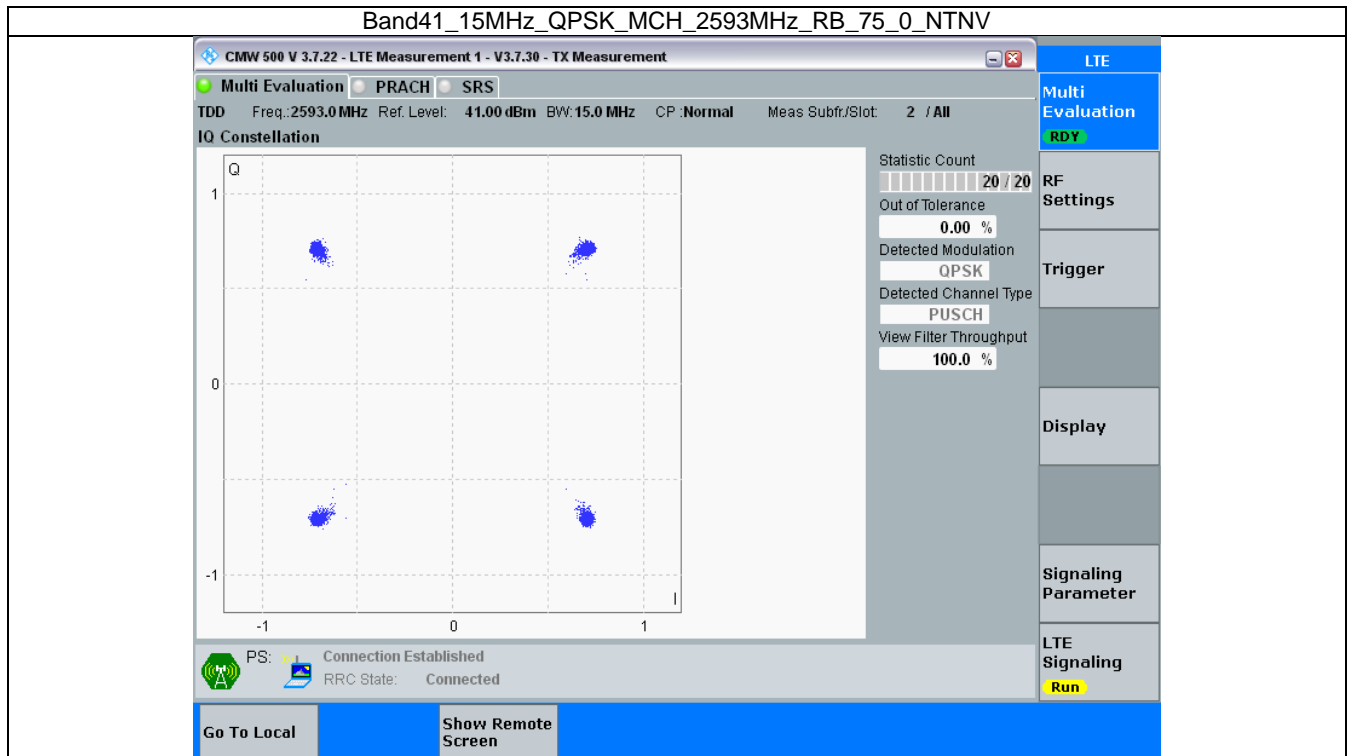


### 3.3 B41\_15MHz

#### 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



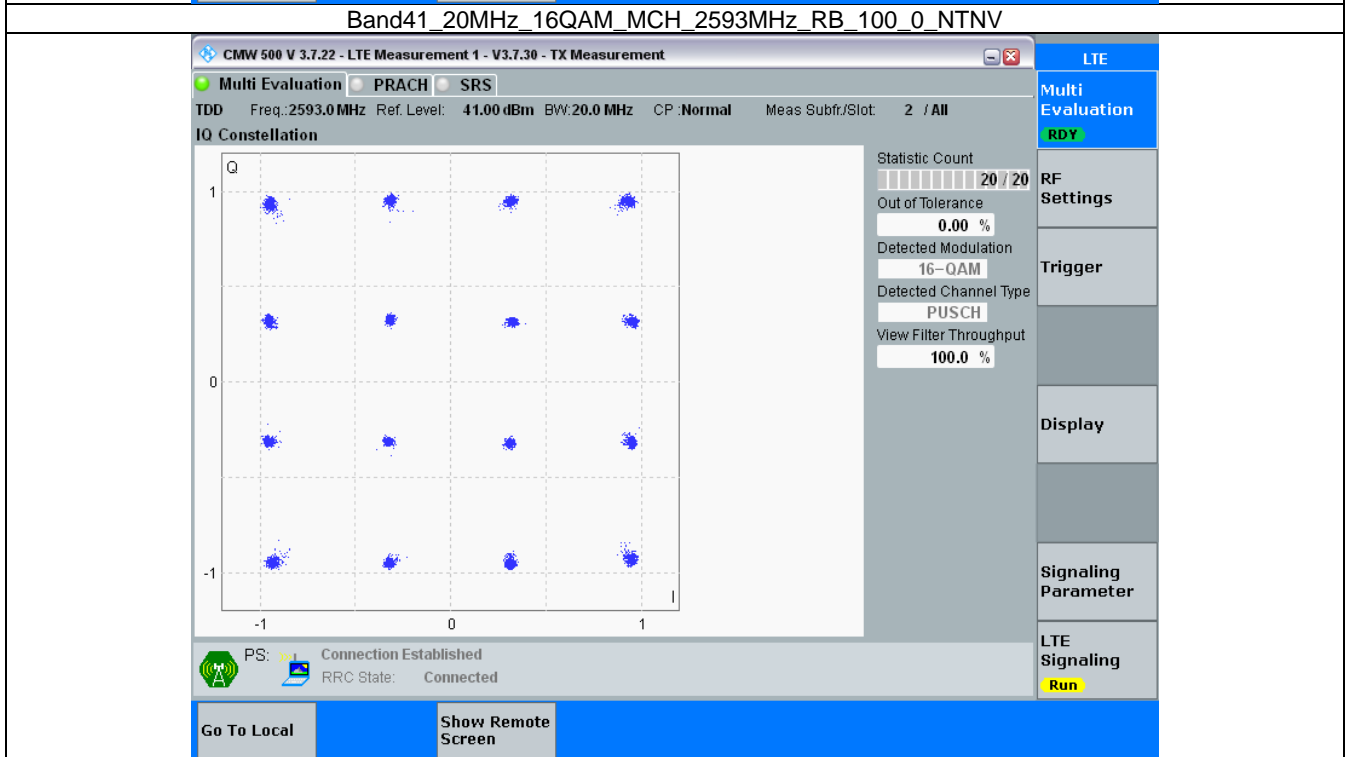
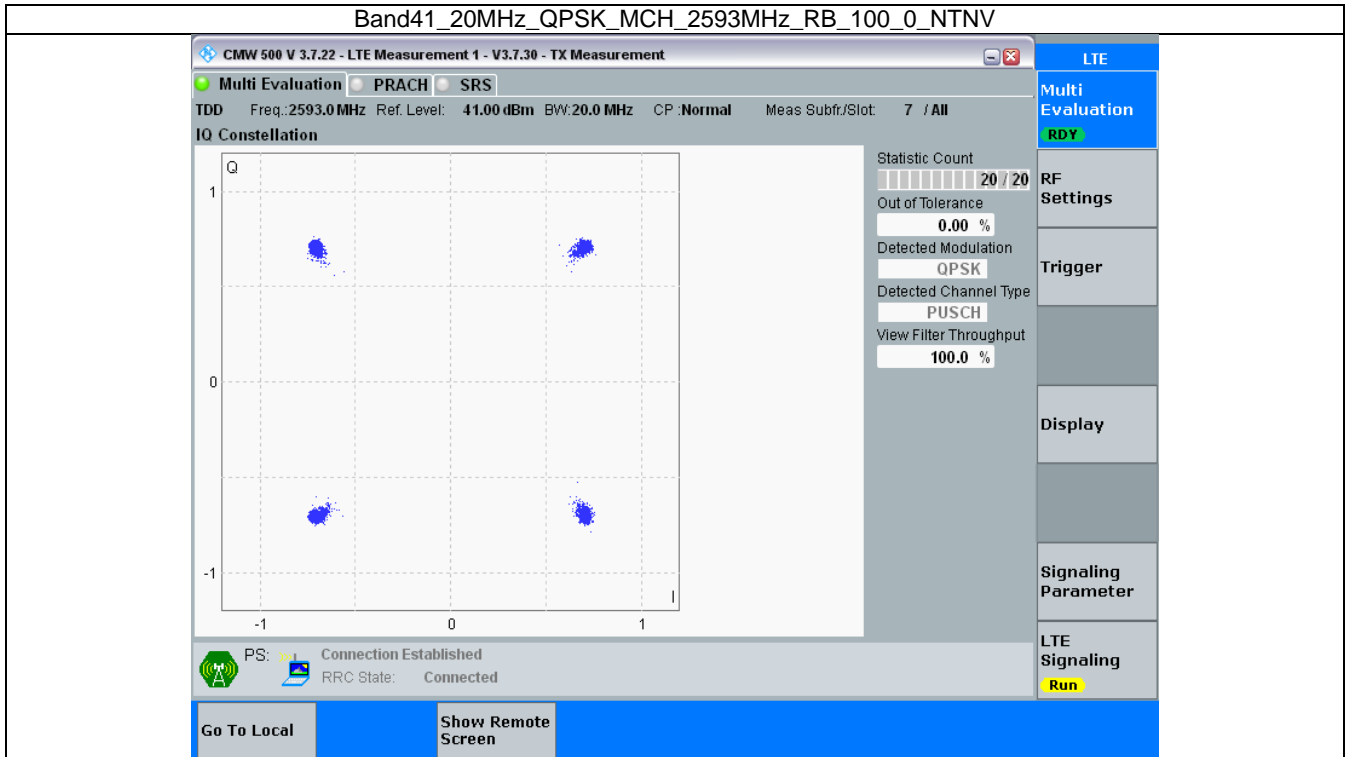
### 3.4 B41\_20MHz

#### 3.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTN						
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



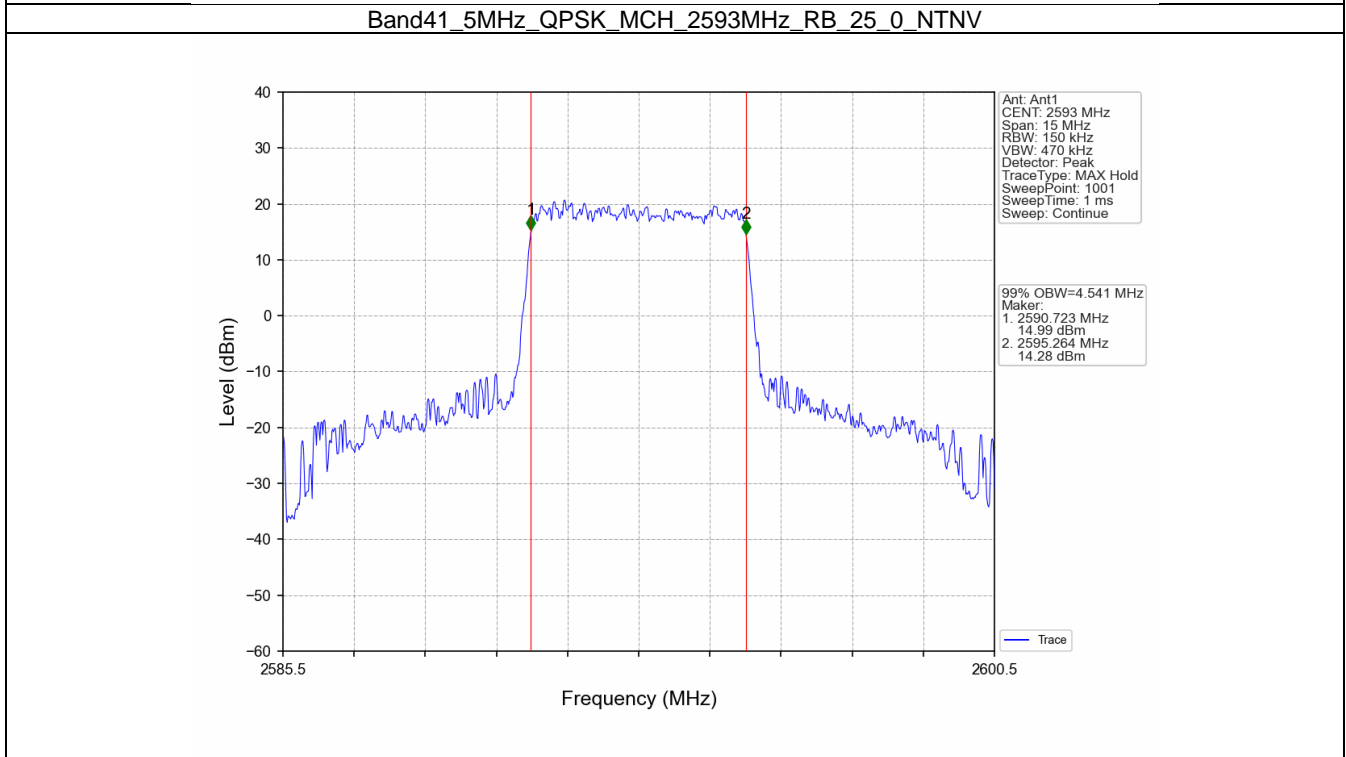
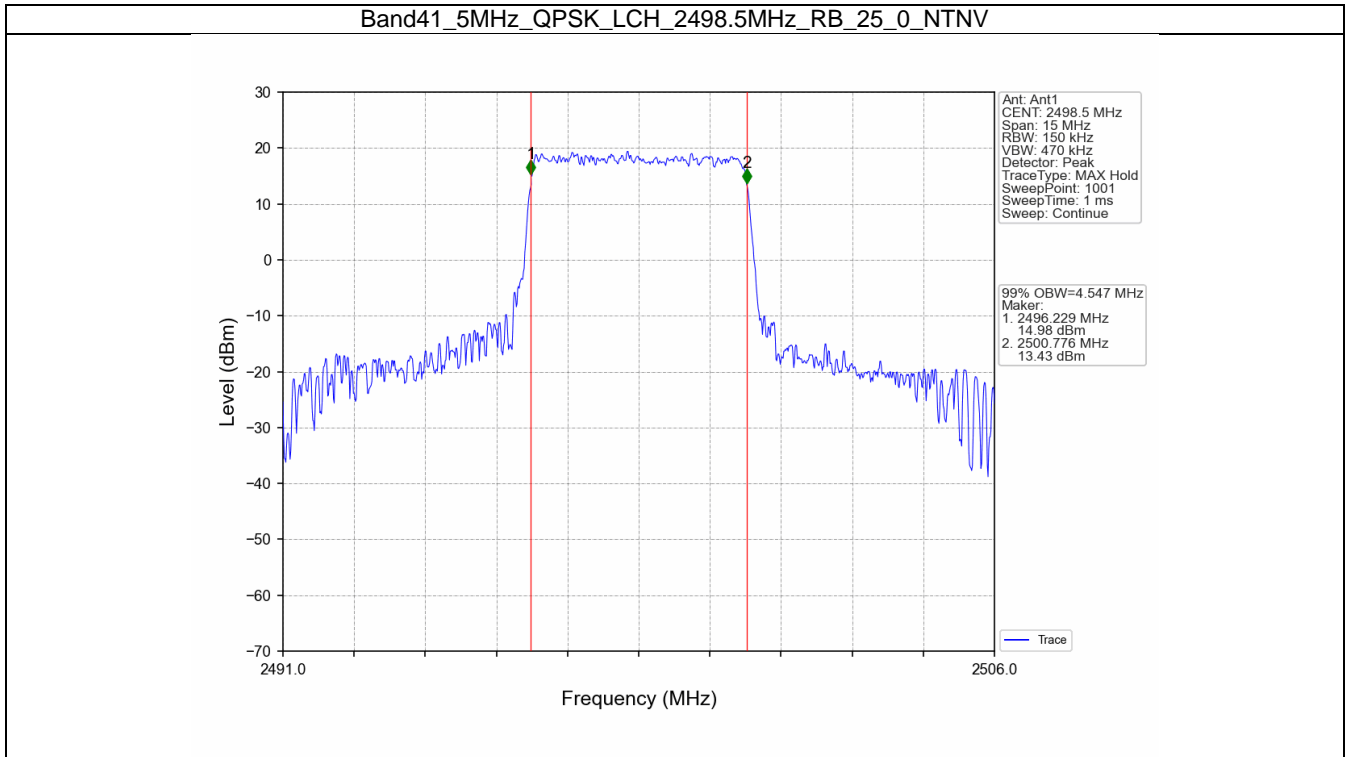
## 4. 99% & 26dB Bandwidth

### 4.1 Band41\_OBW

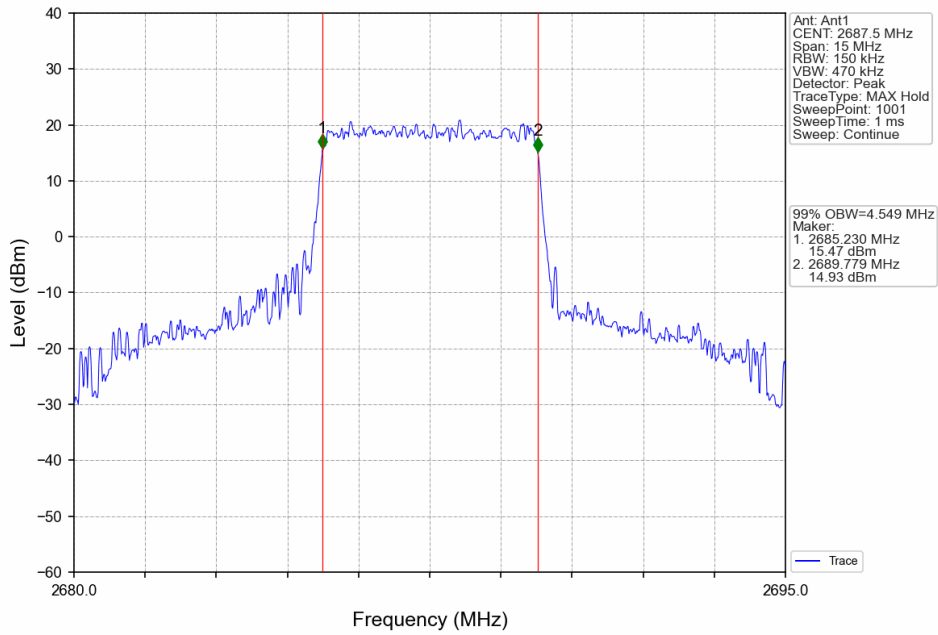
#### 4.1.1 Test Result

Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	4.547	Pass
		2593	25	0	4.541	Pass
		2687.5	25	0	4.549	Pass
	16QAM	2498.5	25	0	4.560	Pass
		2593	25	0	4.544	Pass
		2687.5	25	0	4.541	Pass
10	QPSK	2501	50	0	9.072	Pass
		2593	50	0	9.073	Pass
		2685	50	0	9.069	Pass
	16QAM	2501	50	0	9.085	Pass
		2593	50	0	9.035	Pass
		2685	50	0	9.058	Pass
15	QPSK	2503.5	75	0	13.558	Pass
		2593	75	0	13.579	Pass
		2682.5	75	0	13.631	Pass
	16QAM	2503.5	75	0	13.691	Pass
		2593	75	0	13.567	Pass
		2682.5	75	0	13.633	Pass
20	QPSK	2506	100	0	18.149	Pass
		2593	100	0	18.103	Pass
		2680	100	0	18.155	Pass
	16QAM	2506	100	0	18.104	Pass
		2593	100	0	18.123	Pass
		2680	100	0	18.117	Pass

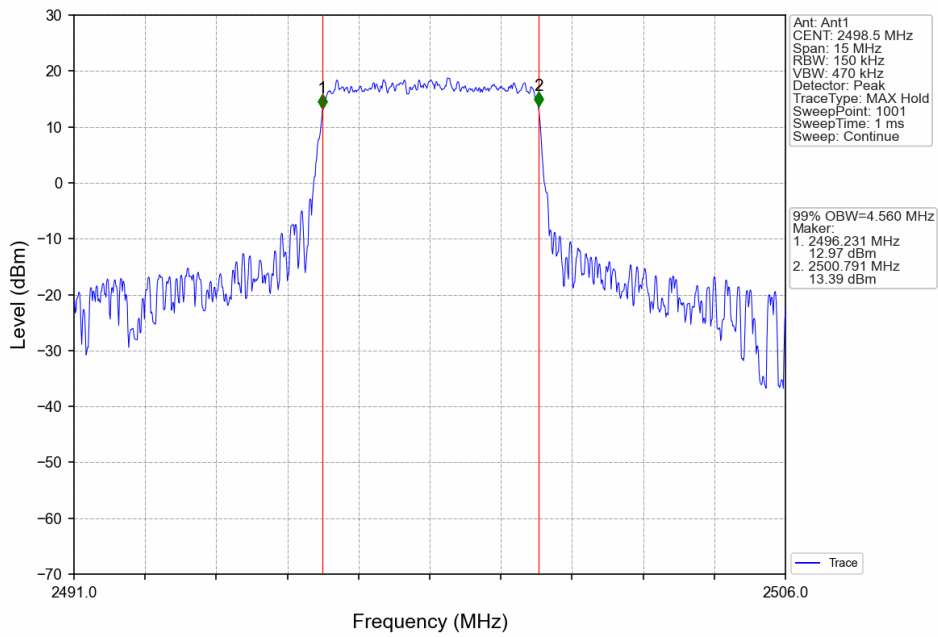
### 4.1.2 Test Graph



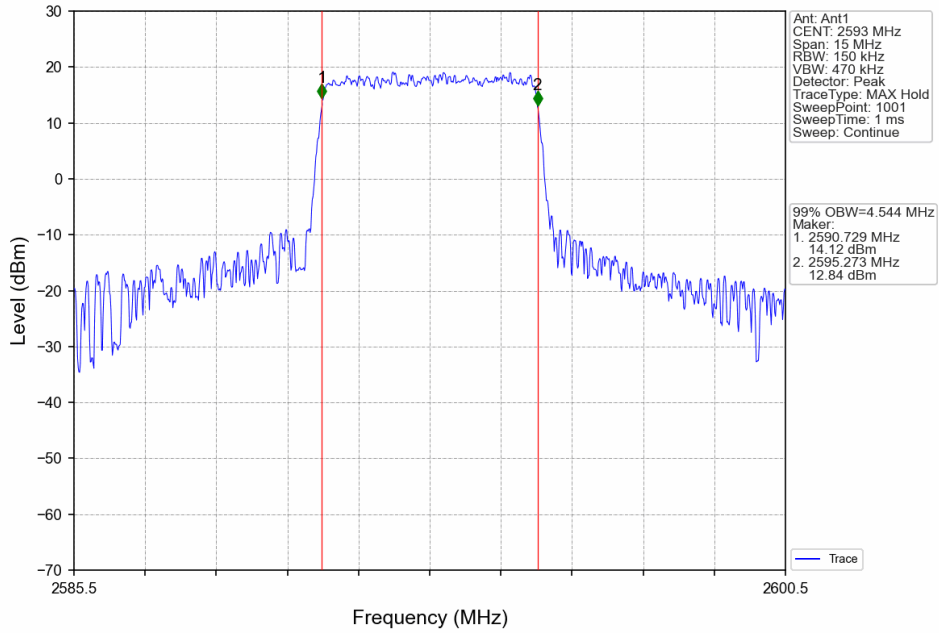
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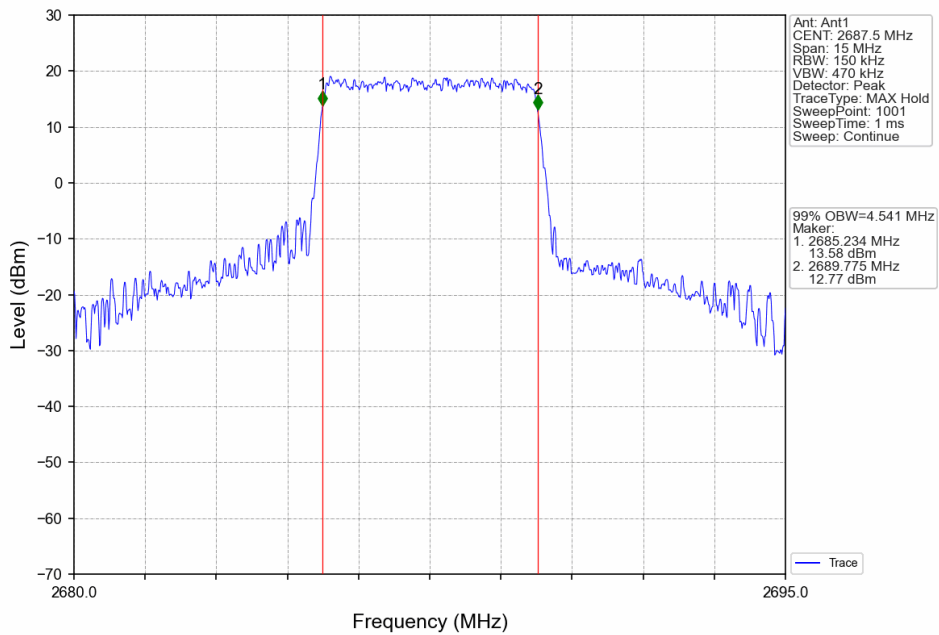
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



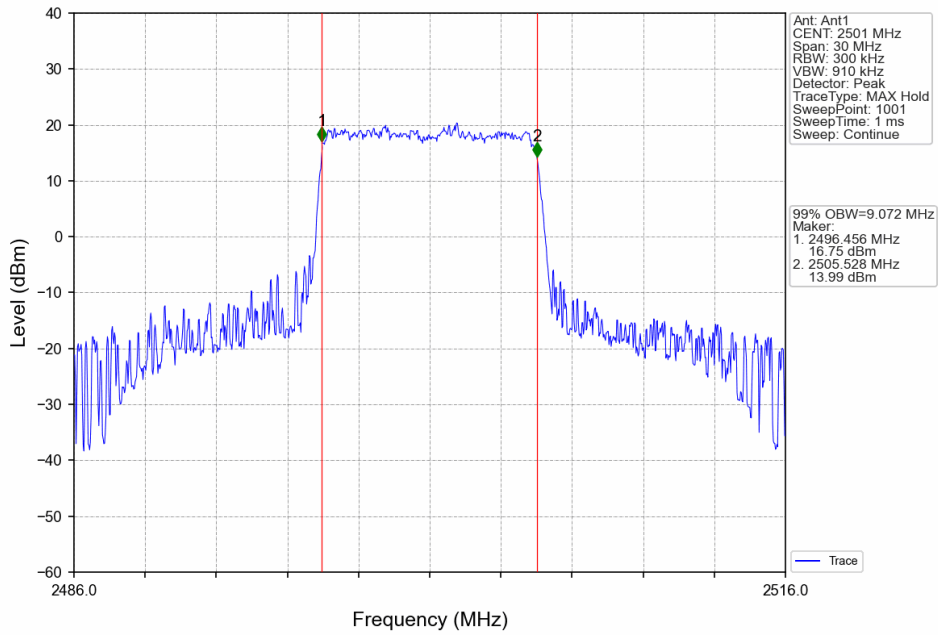
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



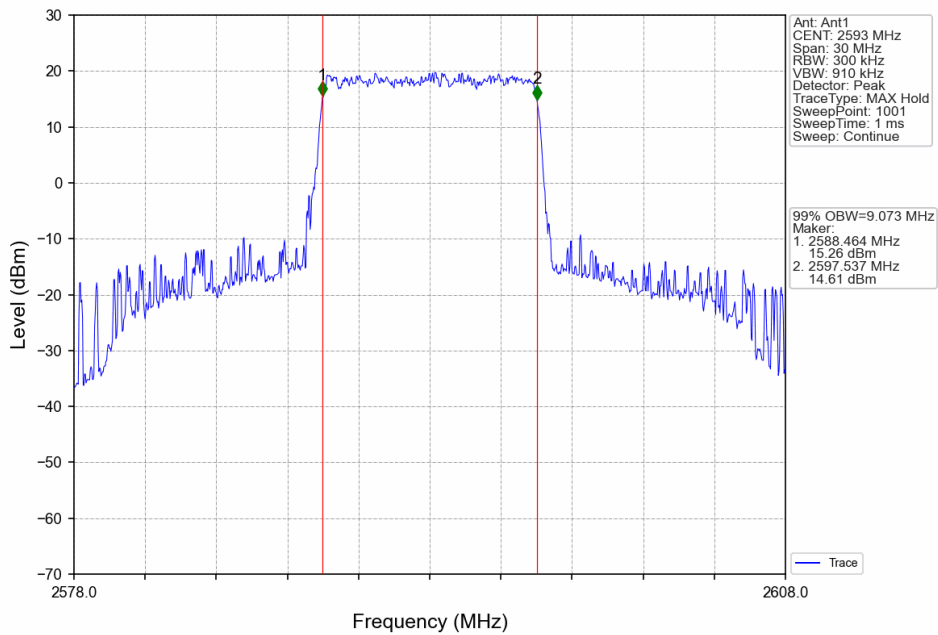
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



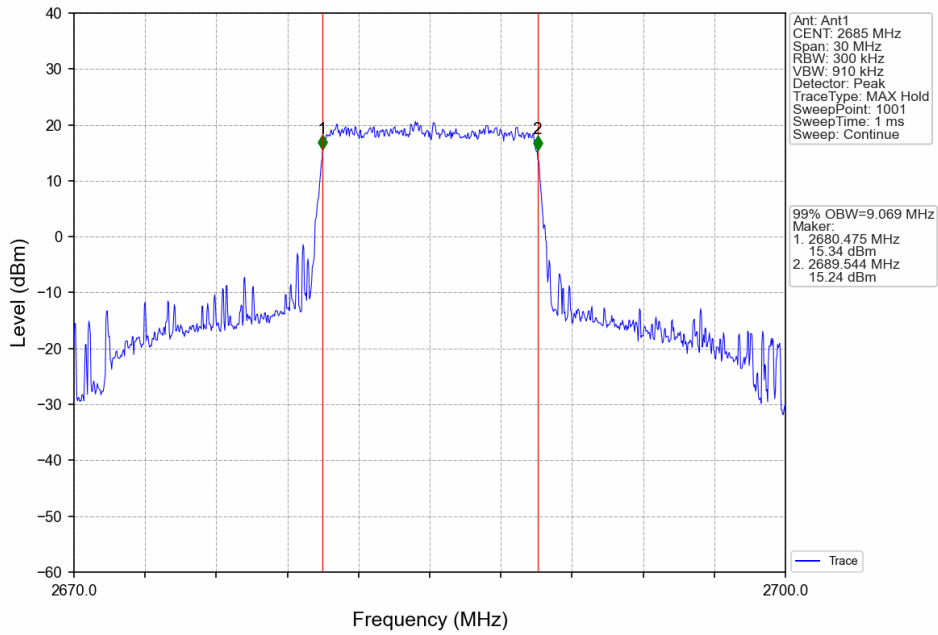
Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0\_NTNV



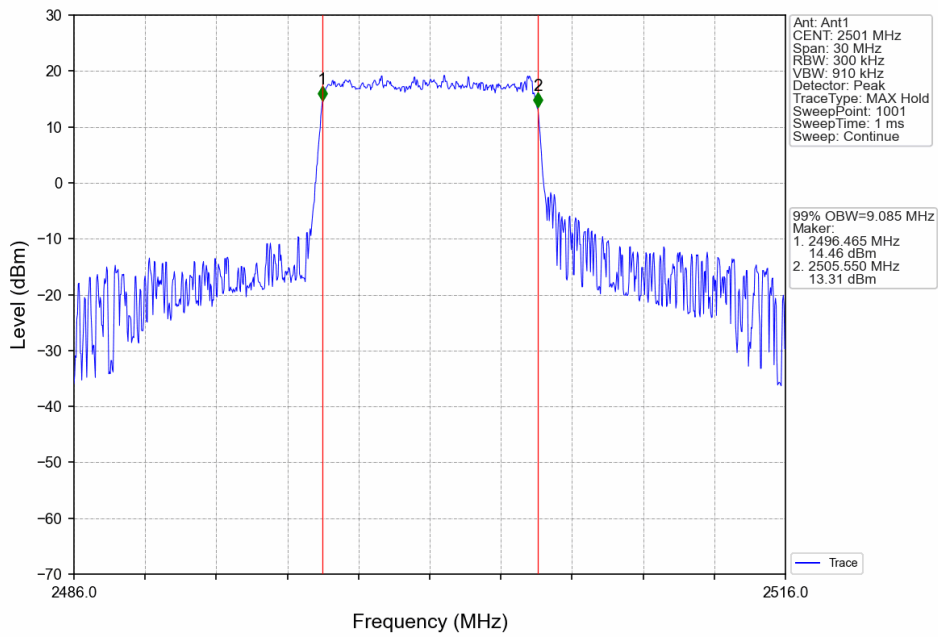
Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_50\_0\_NTNV



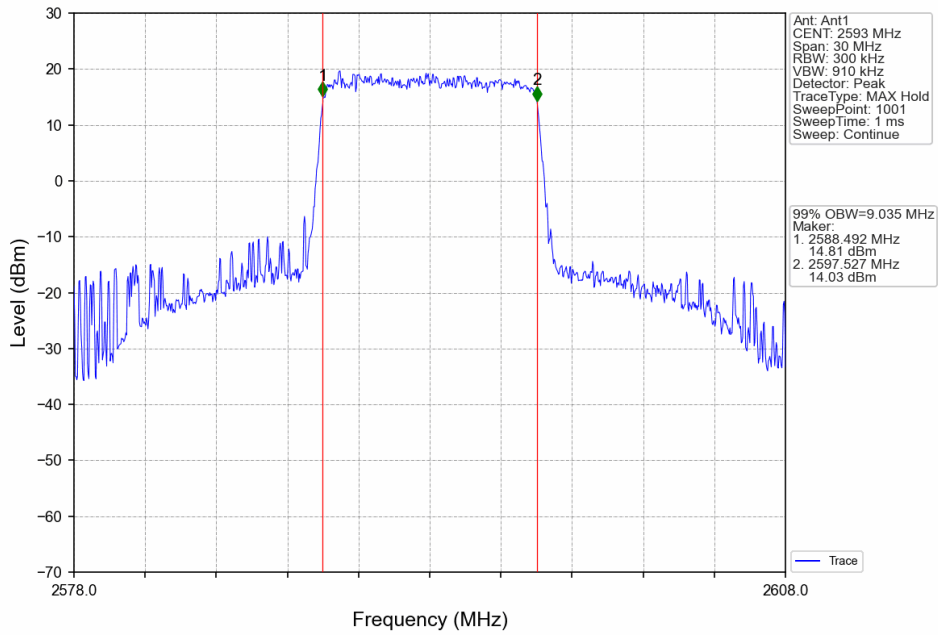
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



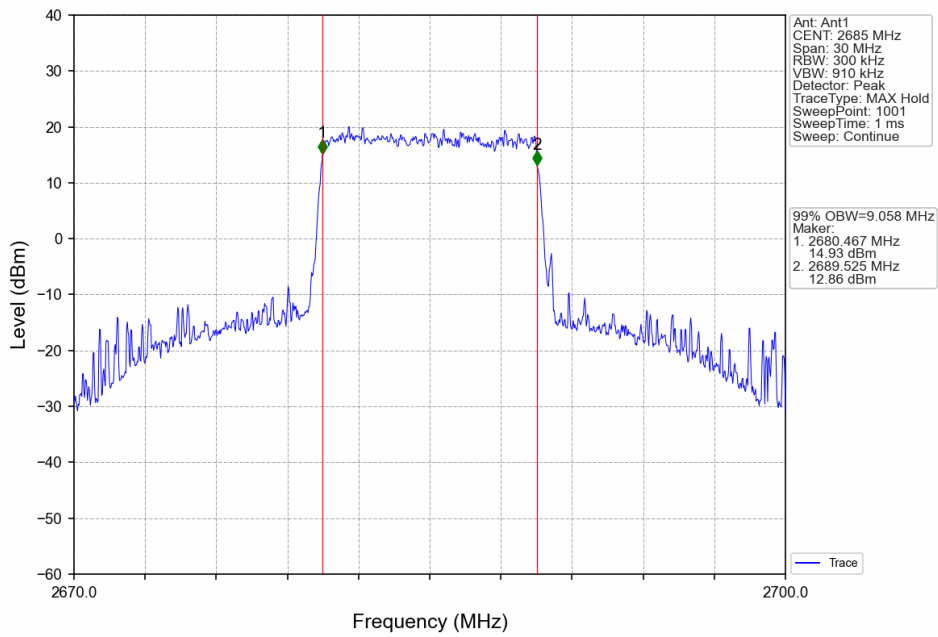
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



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

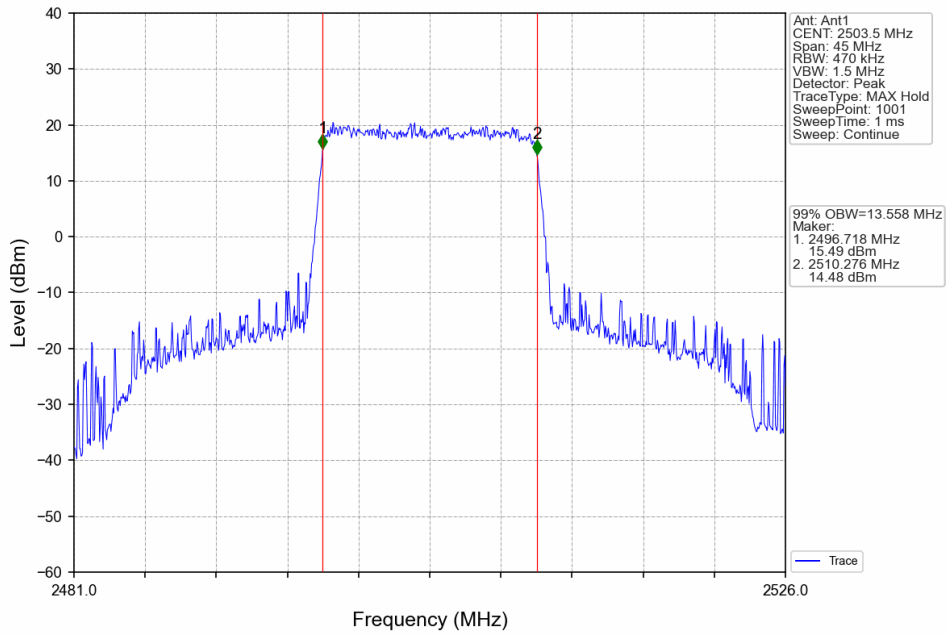


Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV

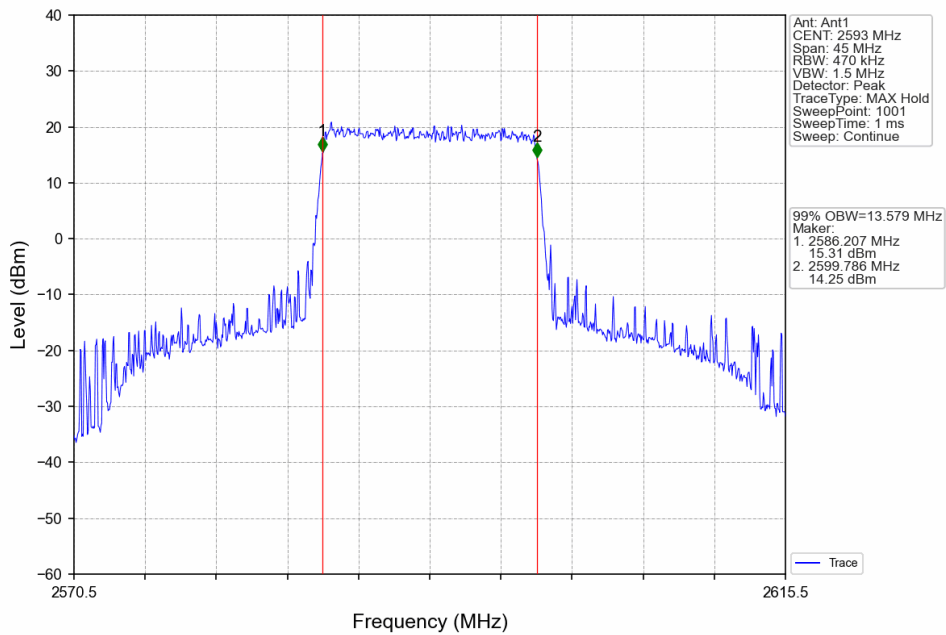




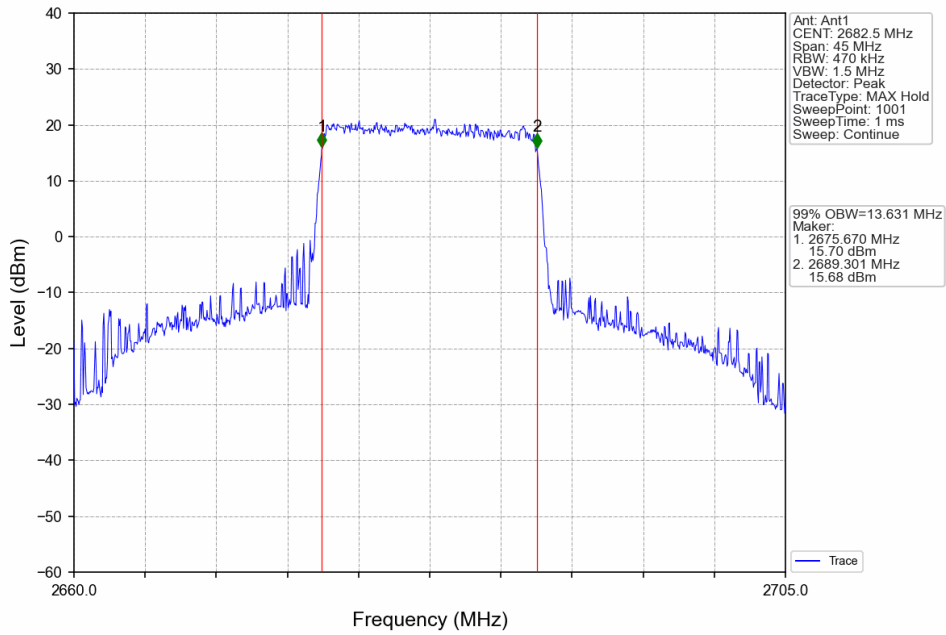
Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



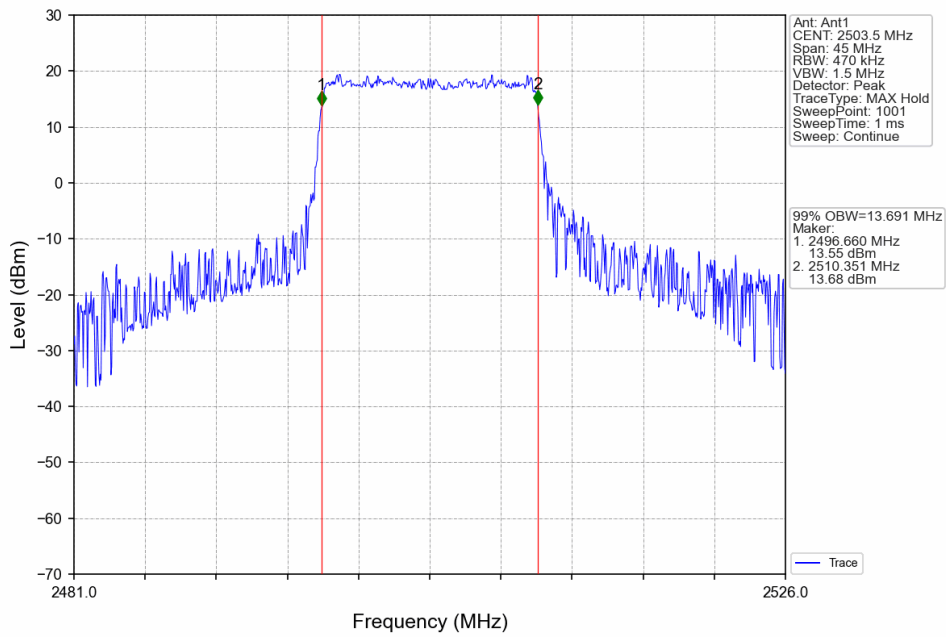
Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_75\_0\_NTNV



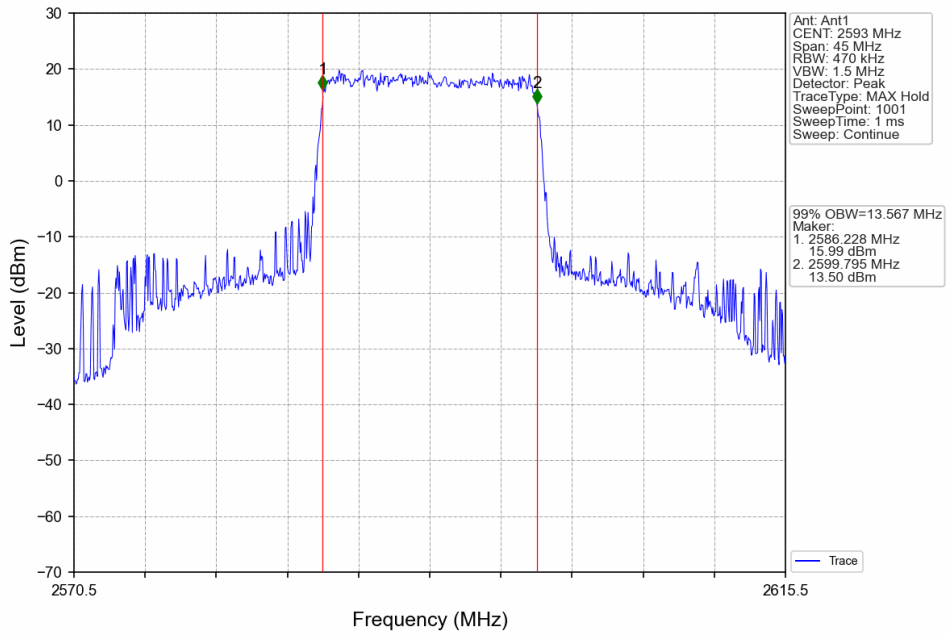
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



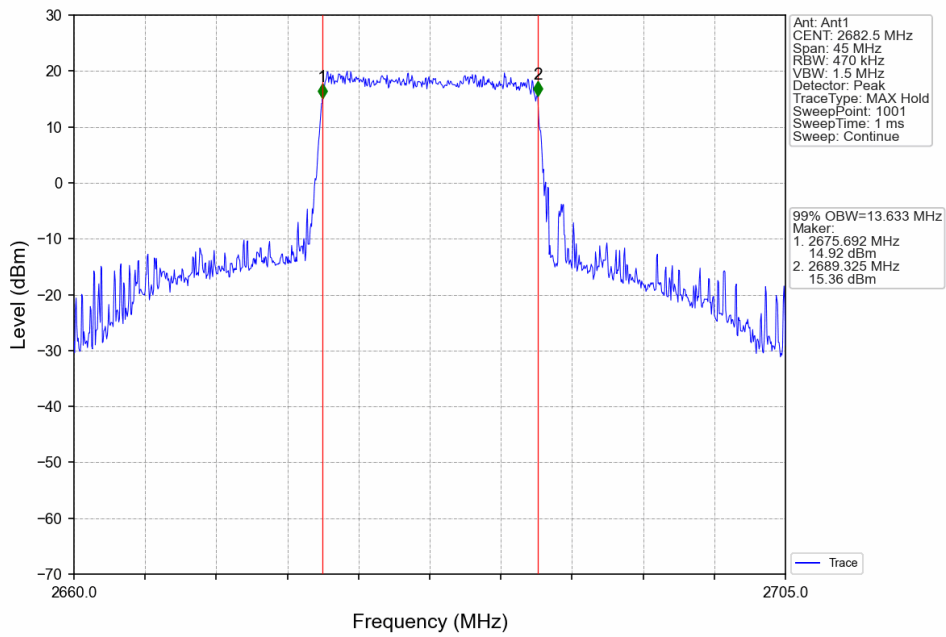
Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



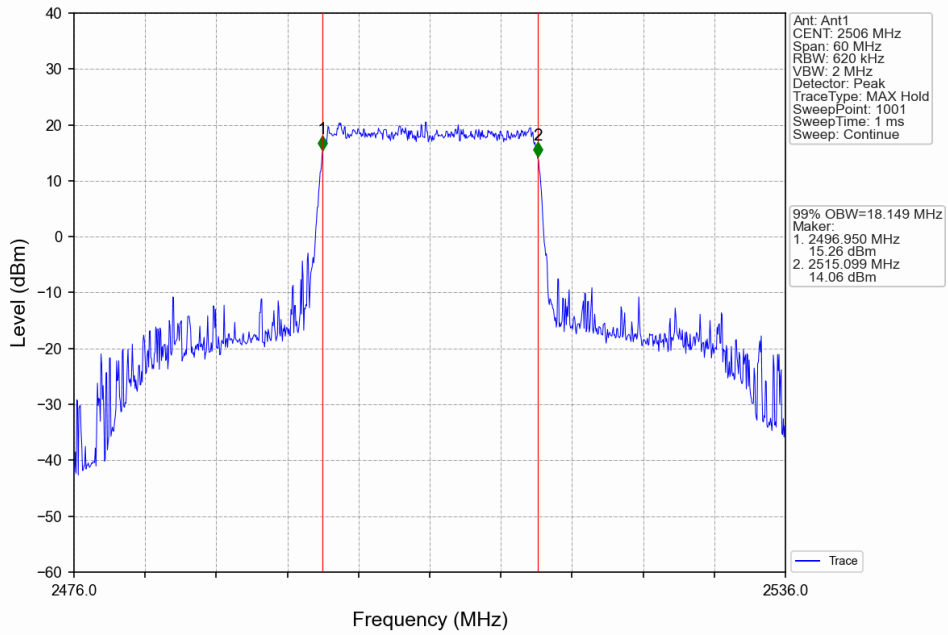
Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



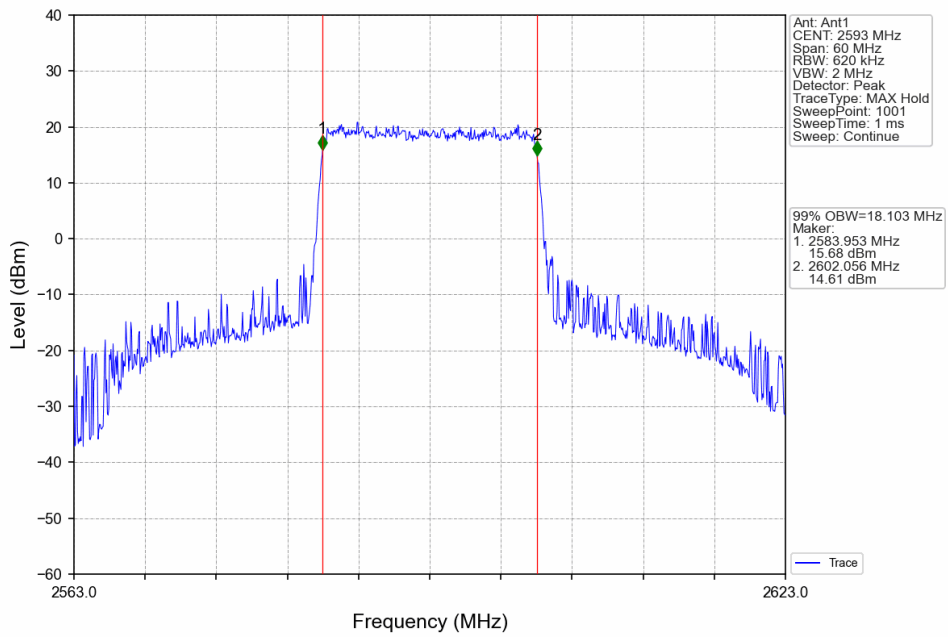
Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



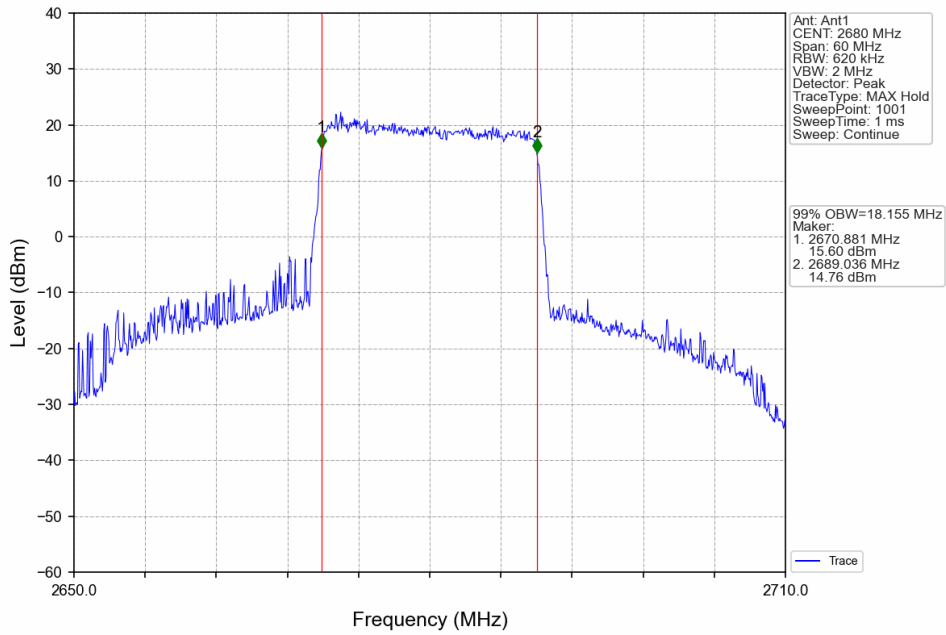
Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_100\_0\_NTNV



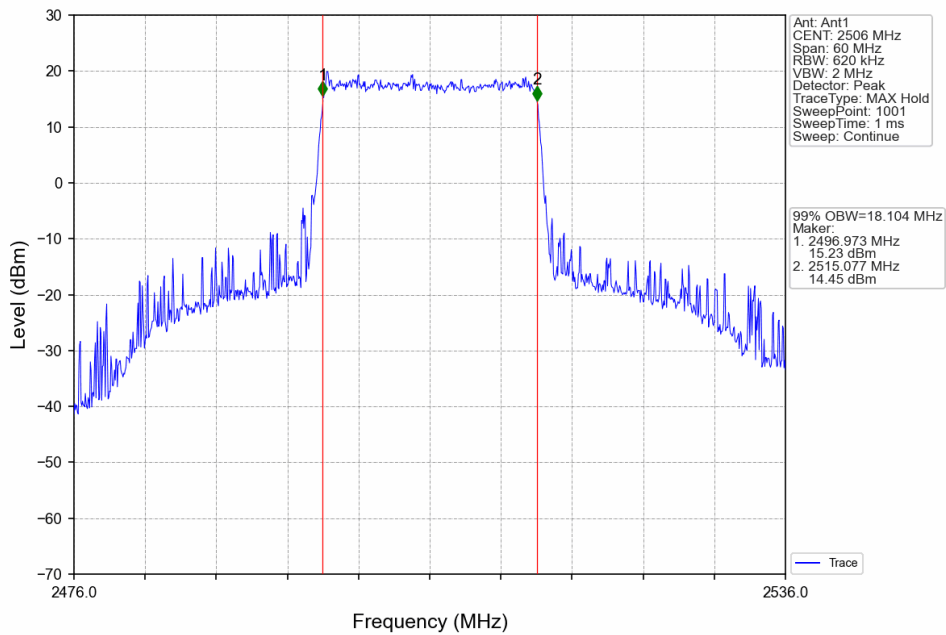
Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_100\_0\_NTNV



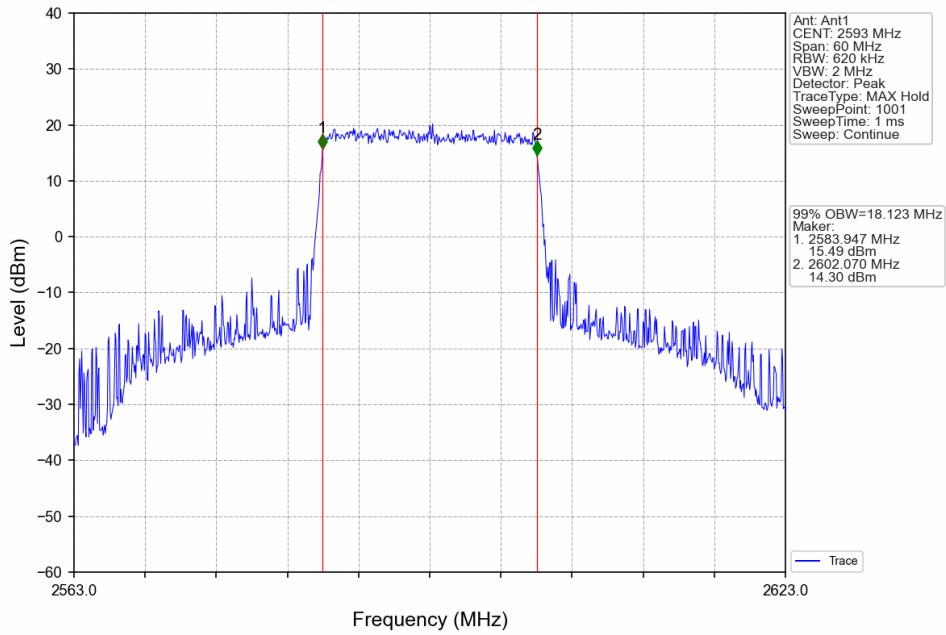
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



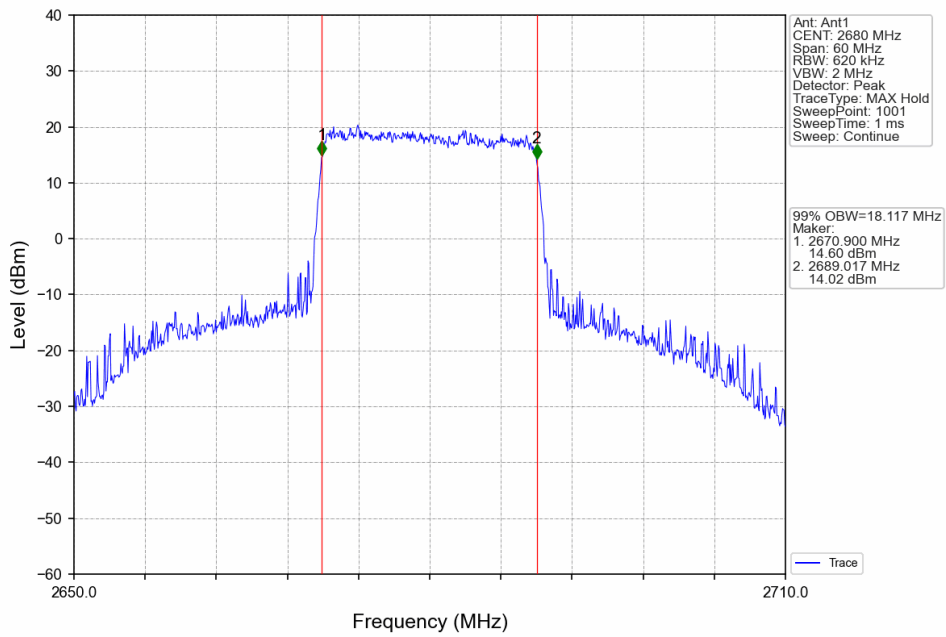
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



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



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

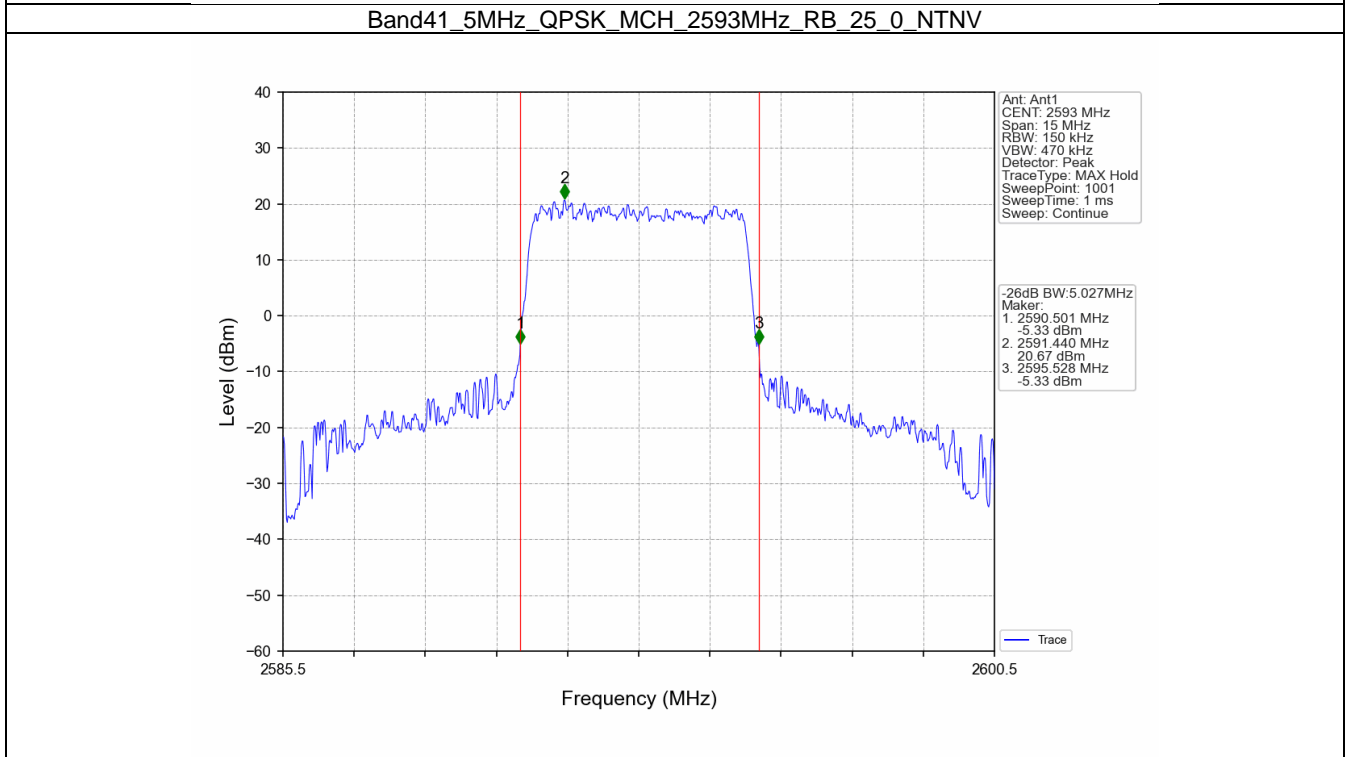
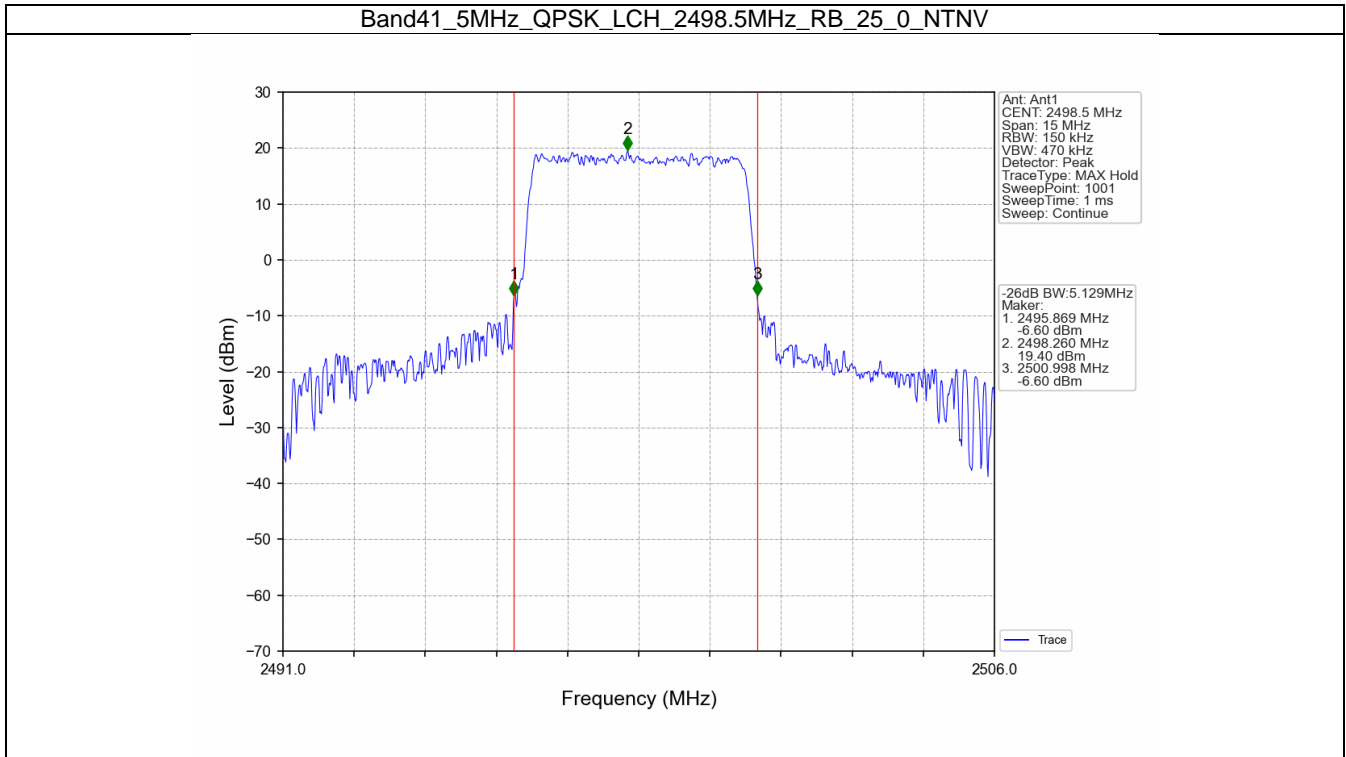


## 4.2 Band41\_XDB

### 4.2.1 Test Result

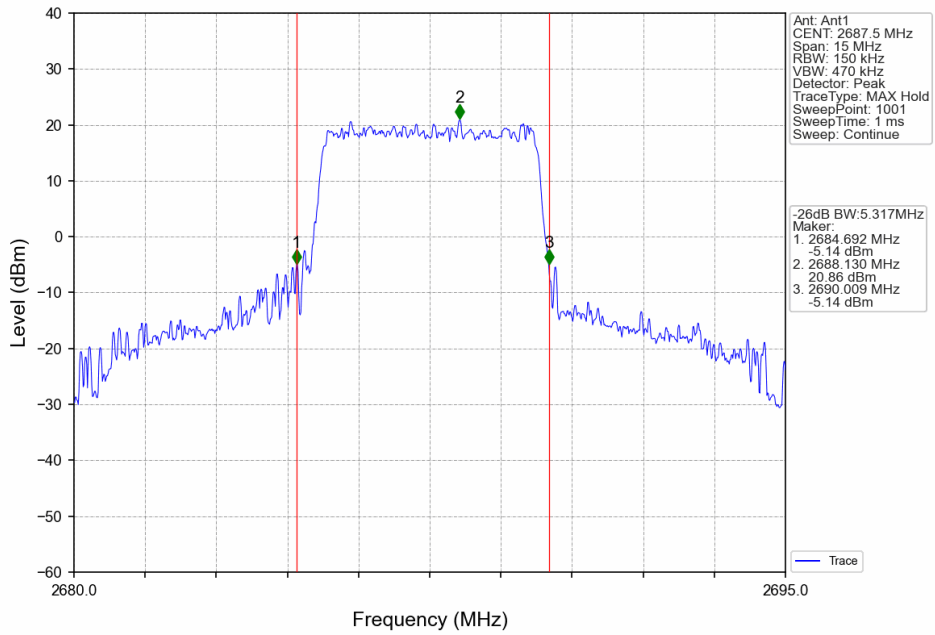
Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	5.129	Pass
		2593	25	0	5.027	Pass
		2687.5	25	0	5.317	Pass
	16QAM	2498.5	25	0	5.235	Pass
		2593	25	0	5.080	Pass
		2687.5	25	0	5.580	Pass
10	QPSK	2501	50	0	10.275	Pass
		2593	50	0	10.138	Pass
		2685	50	0	10.683	Pass
	16QAM	2501	50	0	11.240	Pass
		2593	50	0	10.258	Pass
		2685	50	0	10.089	Pass
15	QPSK	2503.5	75	0	15.001	Pass
		2593	75	0	15.452	Pass
		2682.5	75	0	16.216	Pass
	16QAM	2503.5	75	0	17.576	Pass
		2593	75	0	15.306	Pass
		2682.5	75	0	16.252	Pass
20	QPSK	2506	100	0	20.674	Pass
		2593	100	0	21.024	Pass
		2680	100	0	21.603	Pass
	16QAM	2506	100	0	20.578	Pass
		2593	100	0	21.762	Pass
		2680	100	0	20.546	Pass

## 4.2.2 Test Graph

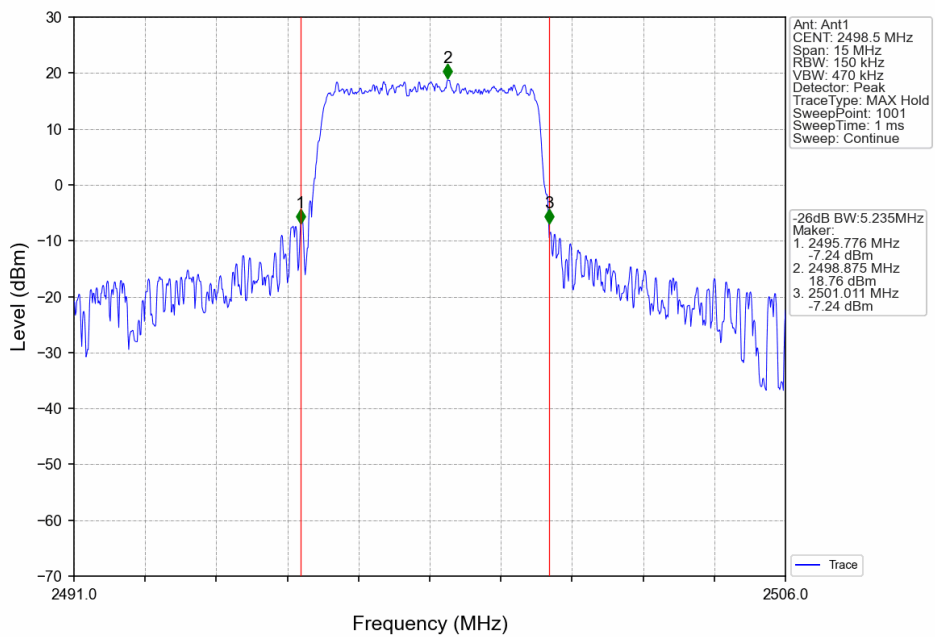




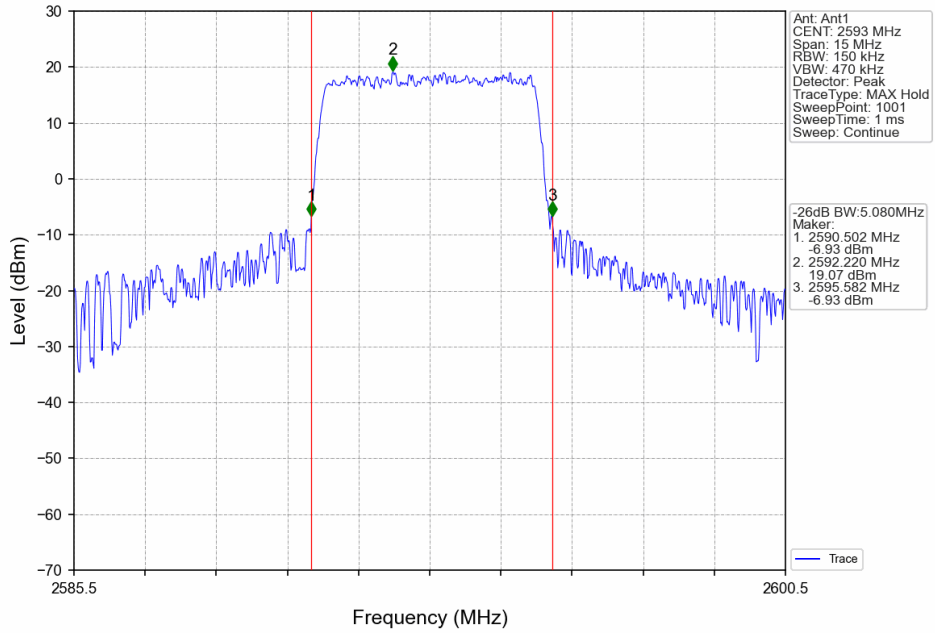
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



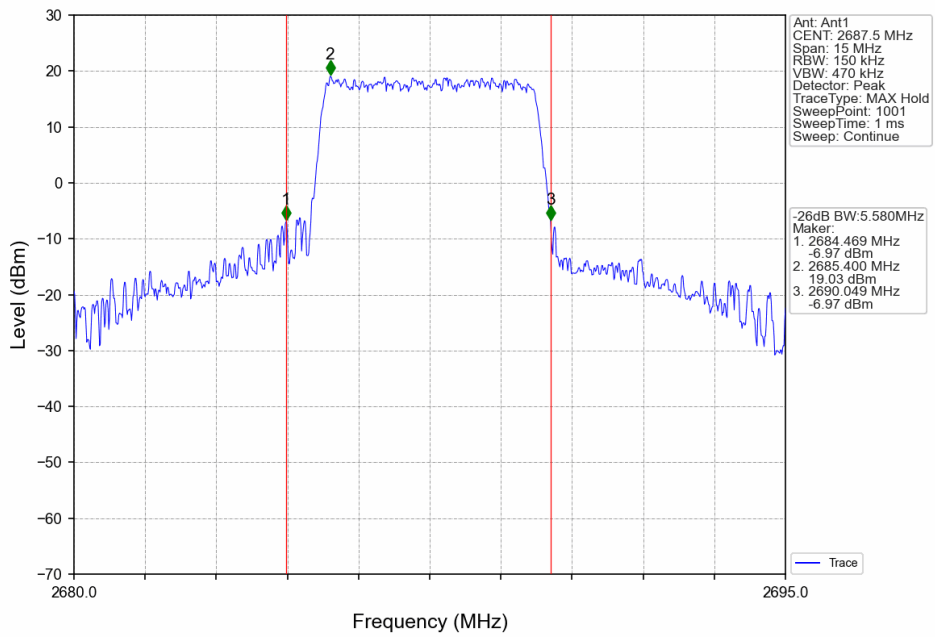
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



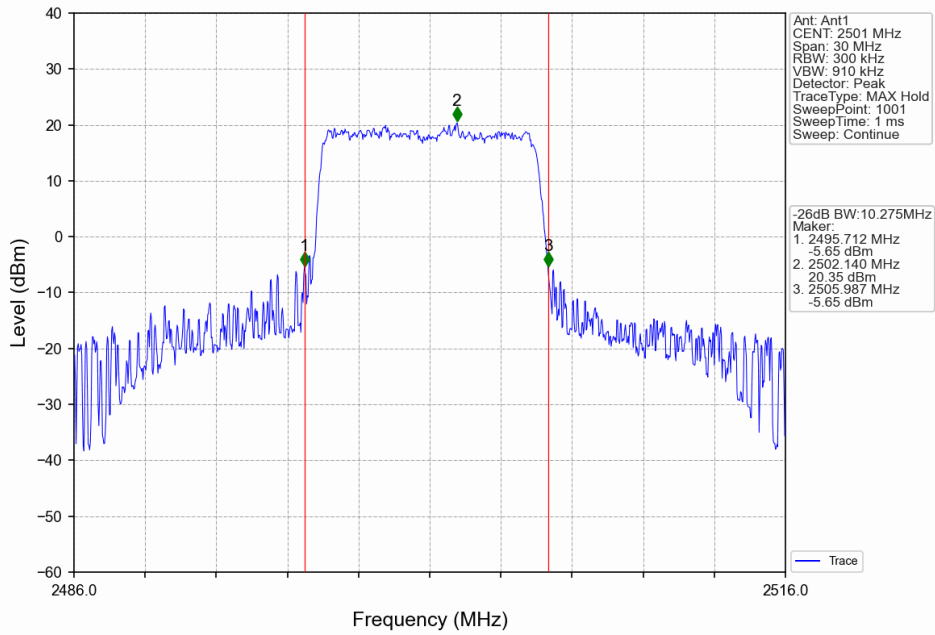
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



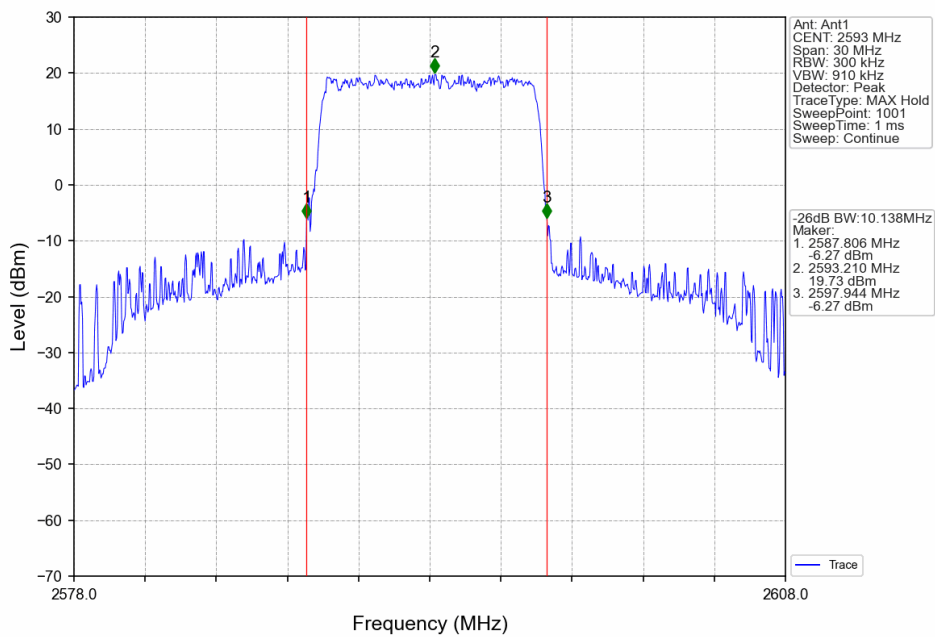
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



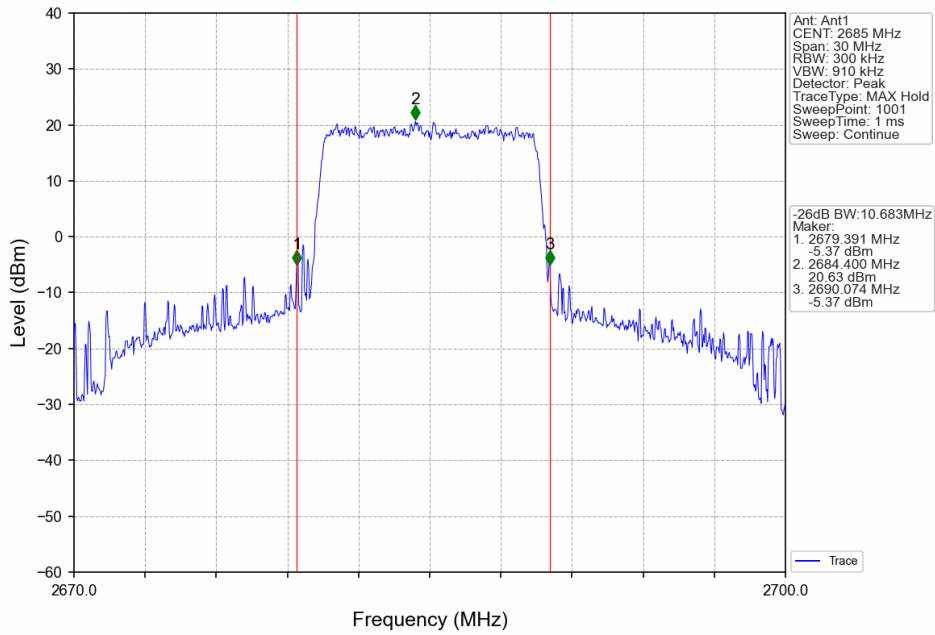
Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0\_NTNV



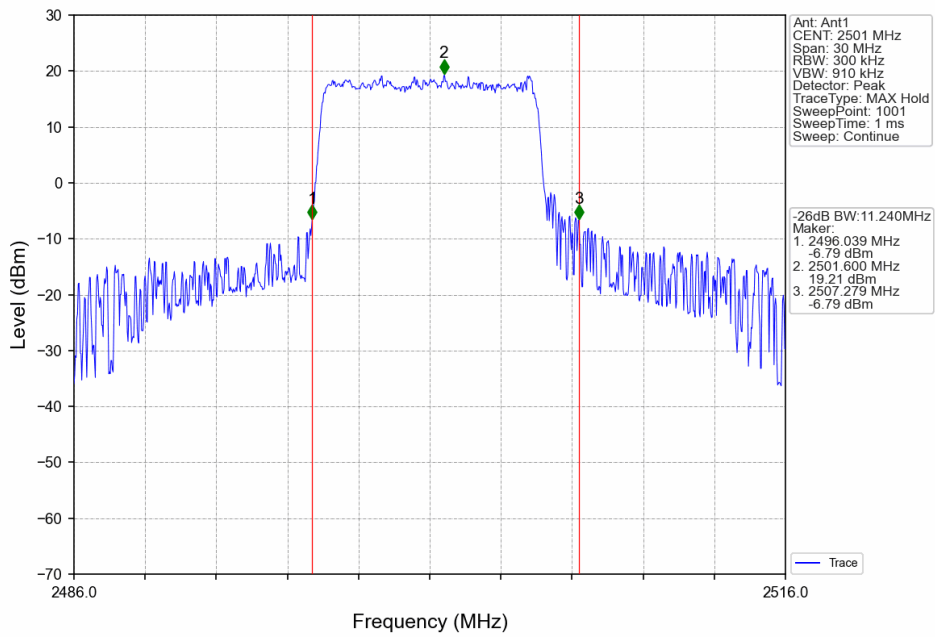
Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_50\_0\_NTNV



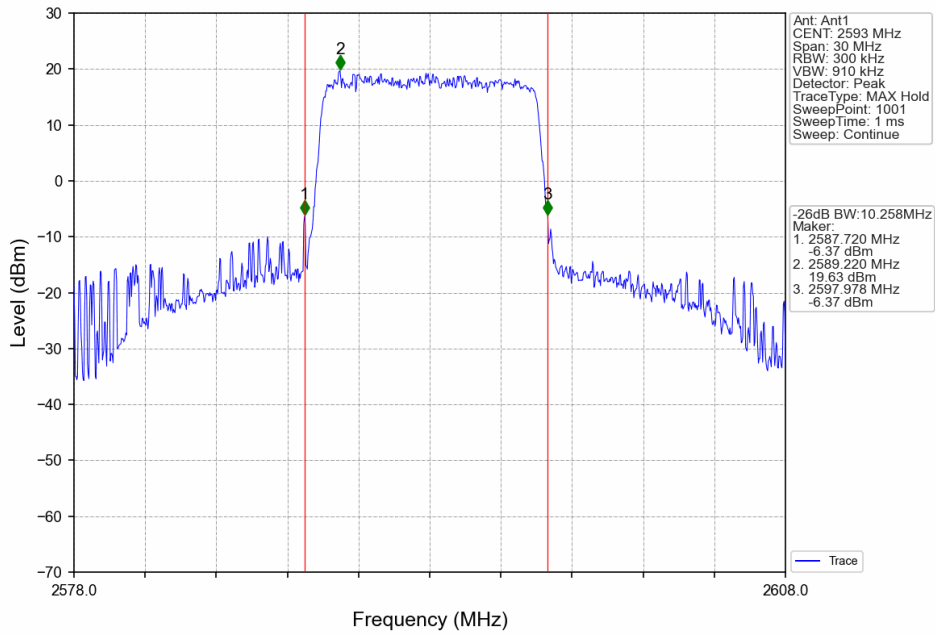
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



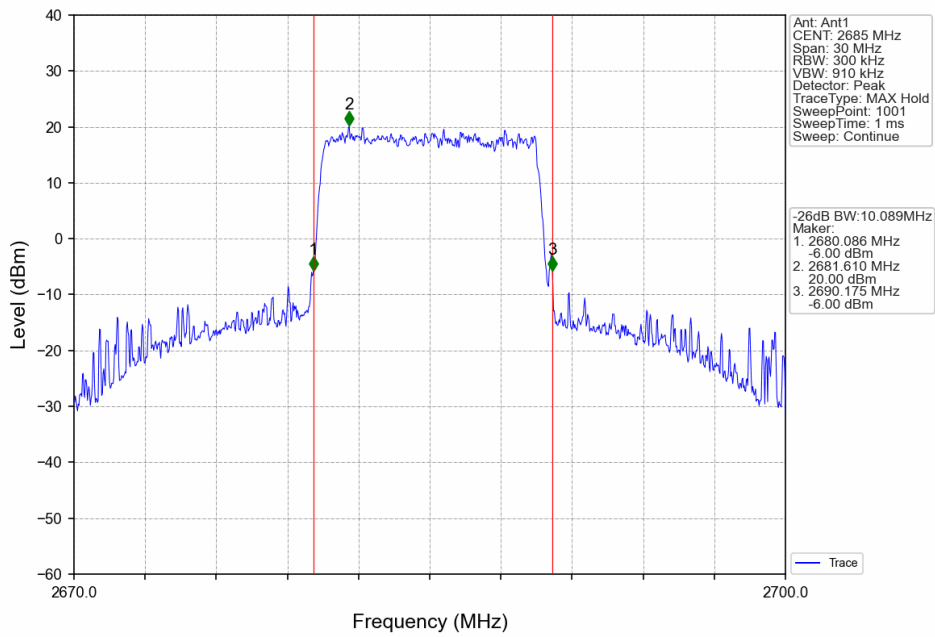
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



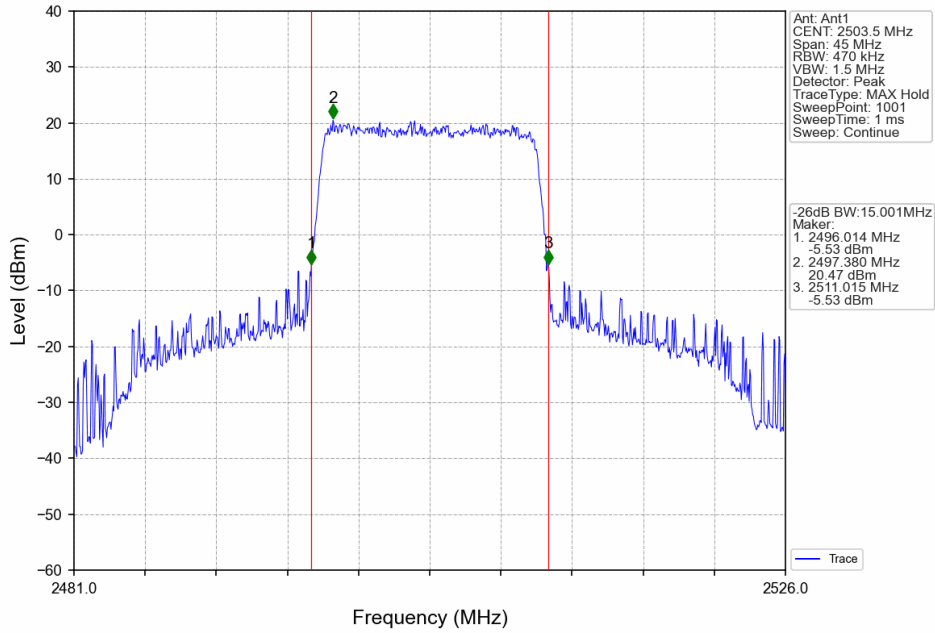
Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV



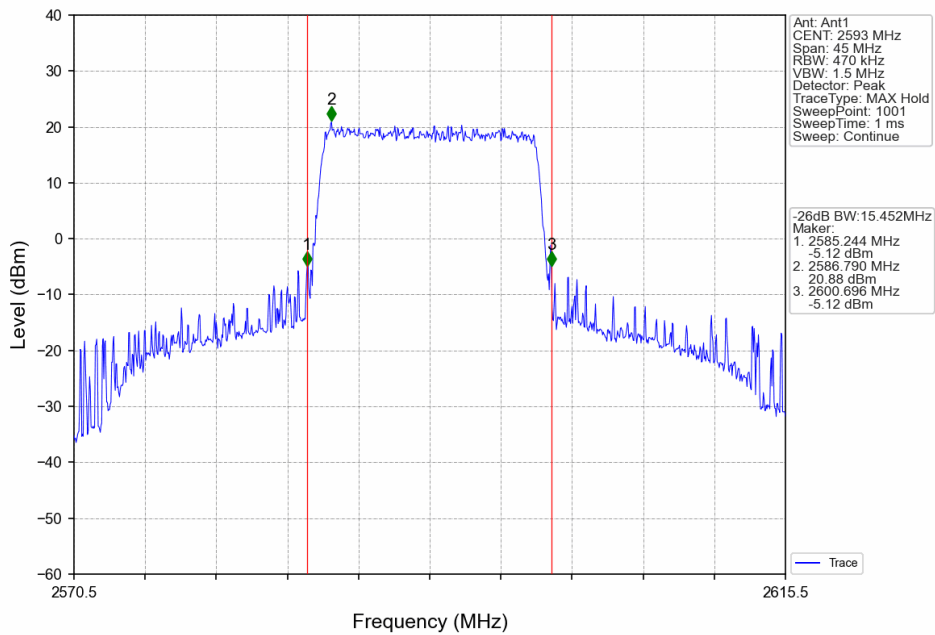
Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV



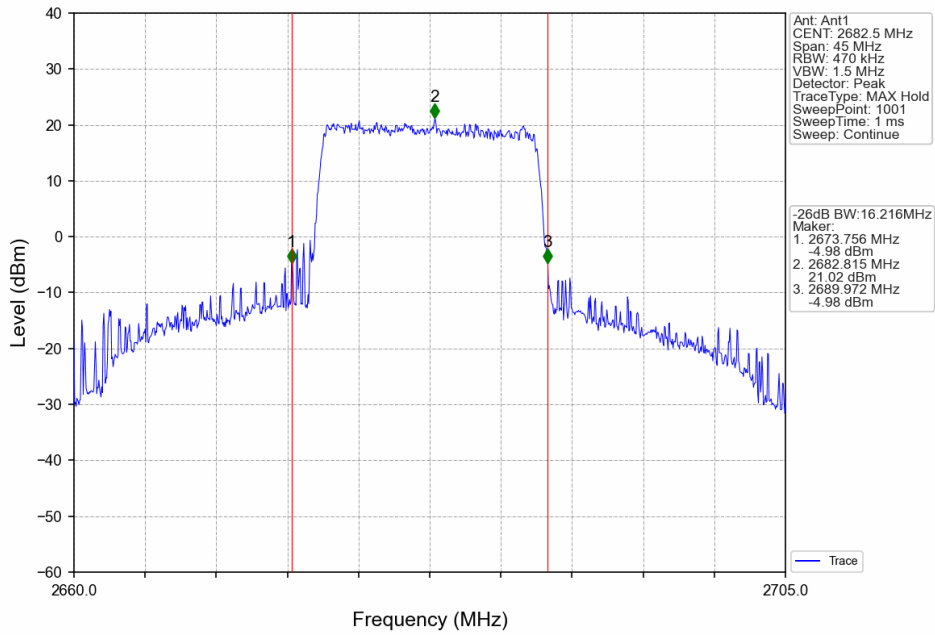
Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



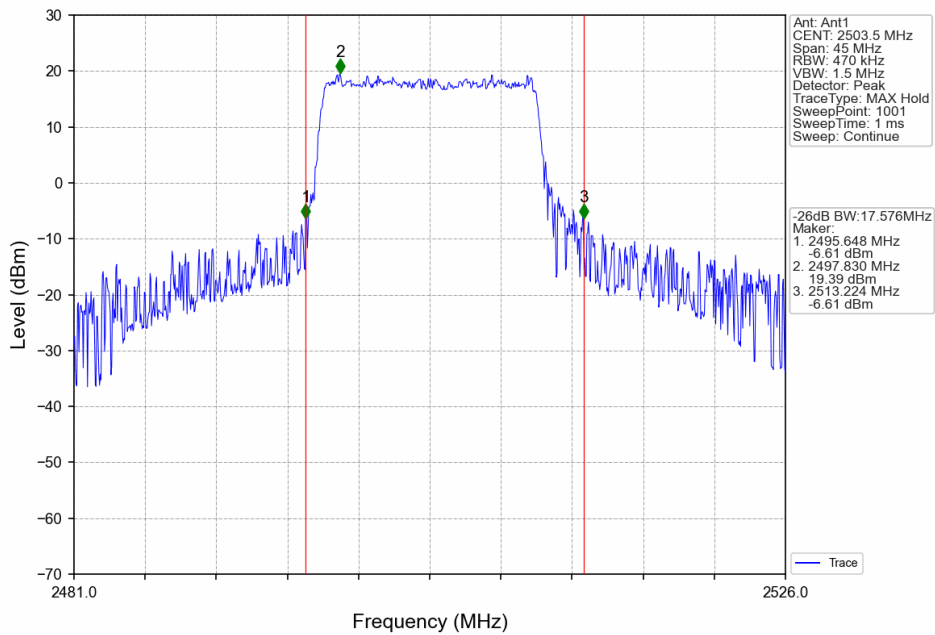
Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_75\_0\_NTNV



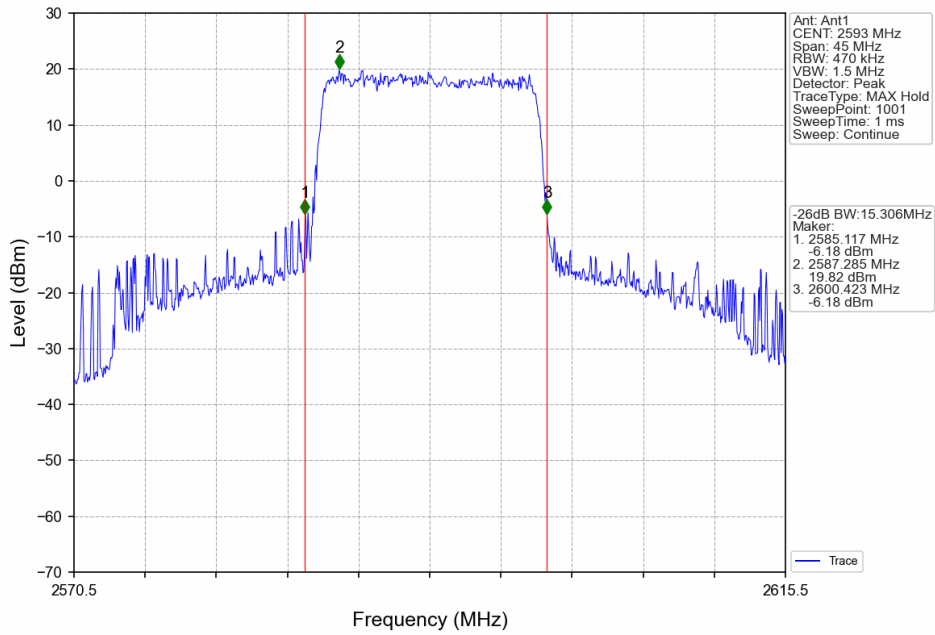
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



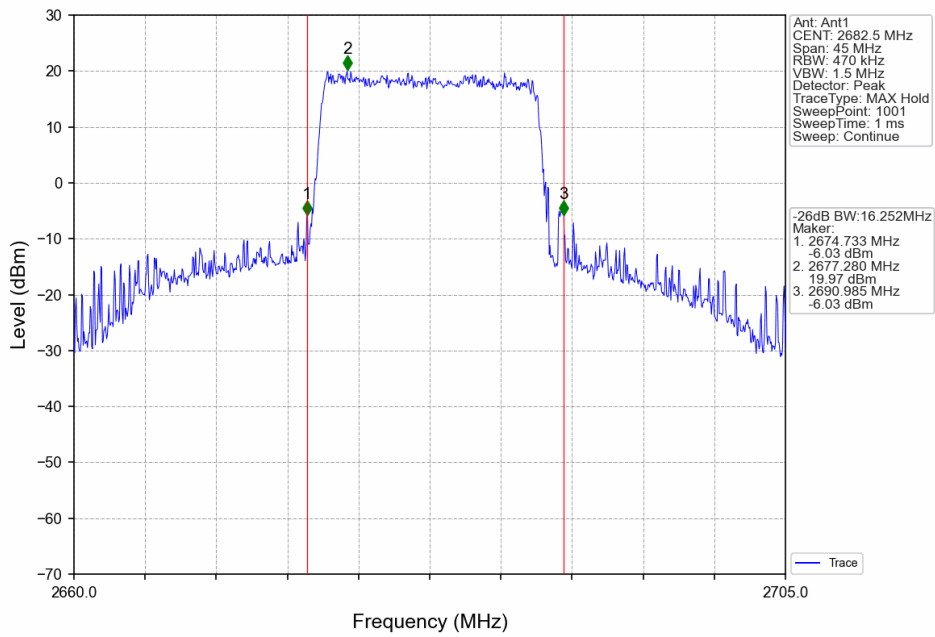
Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



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

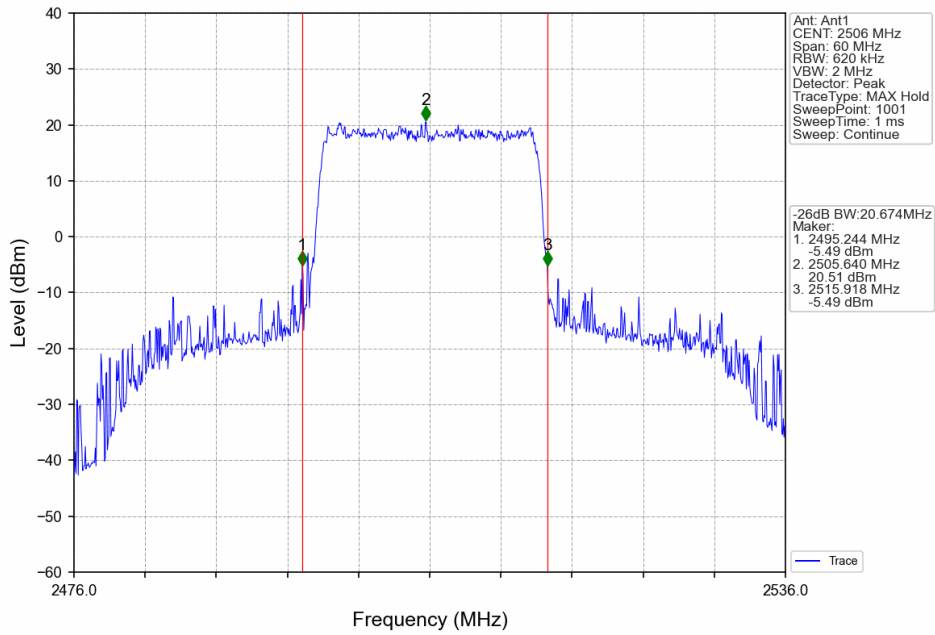


Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV

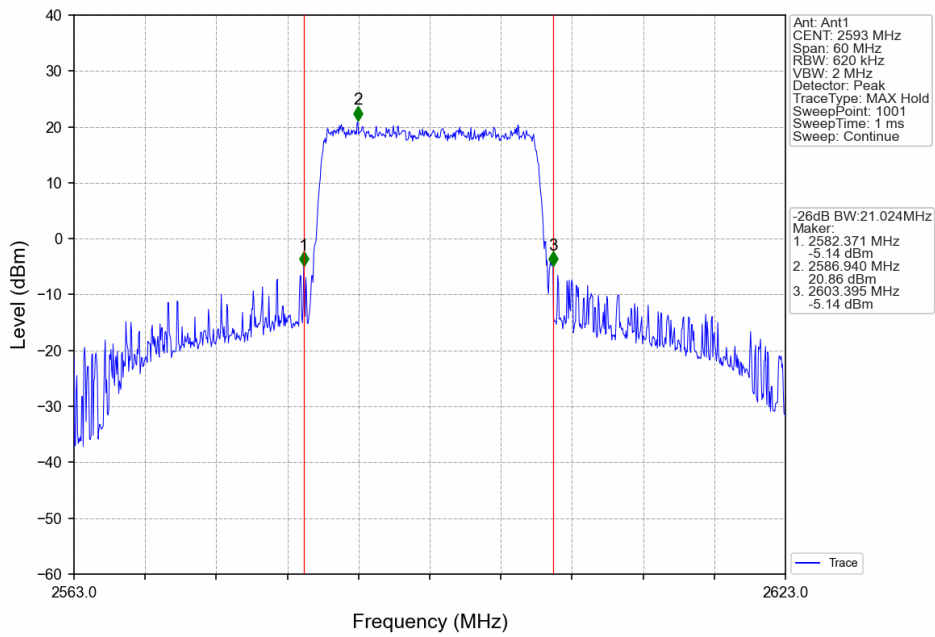




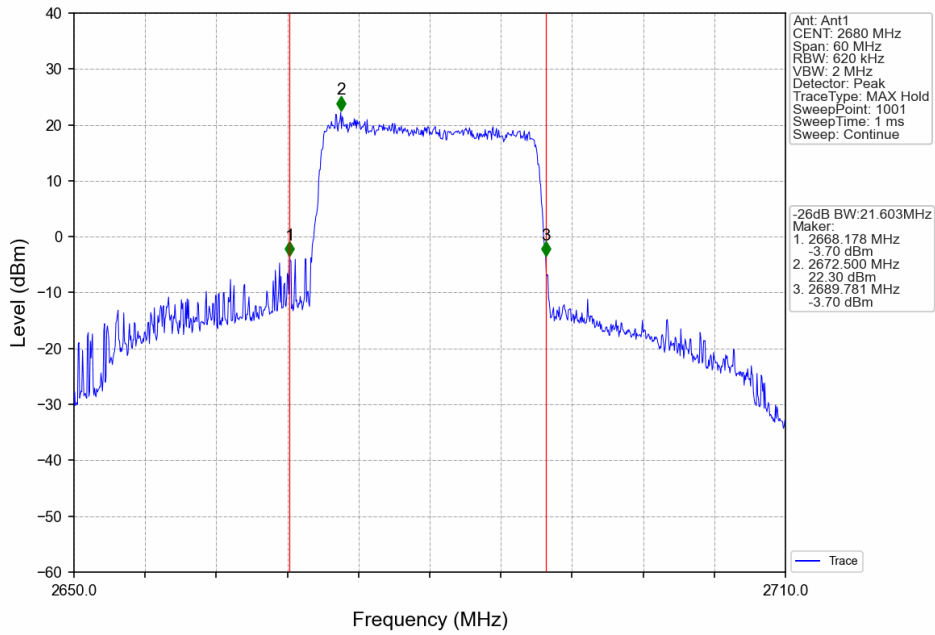
Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_100\_0\_NTNV



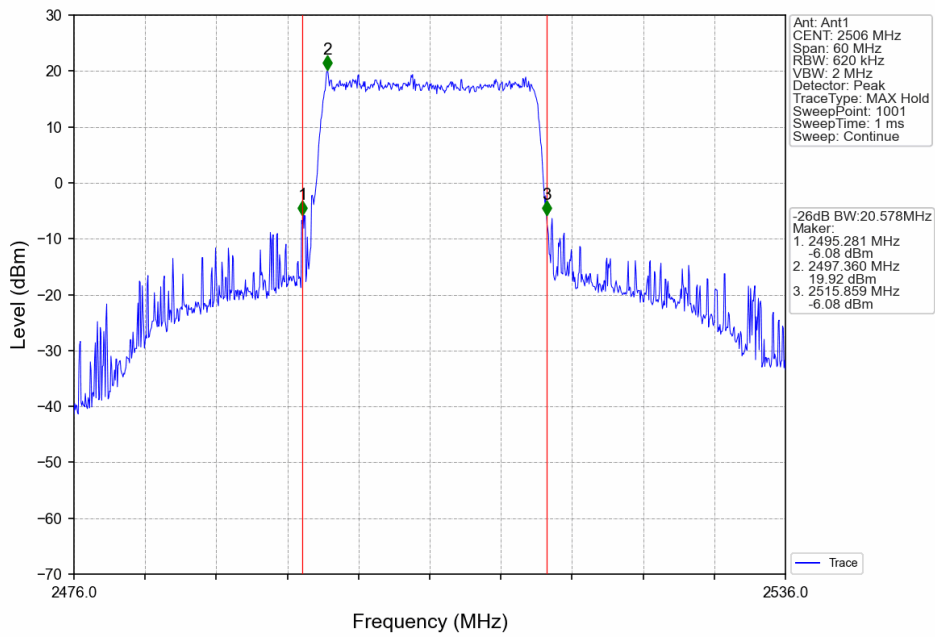
Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_100\_0\_NTNV



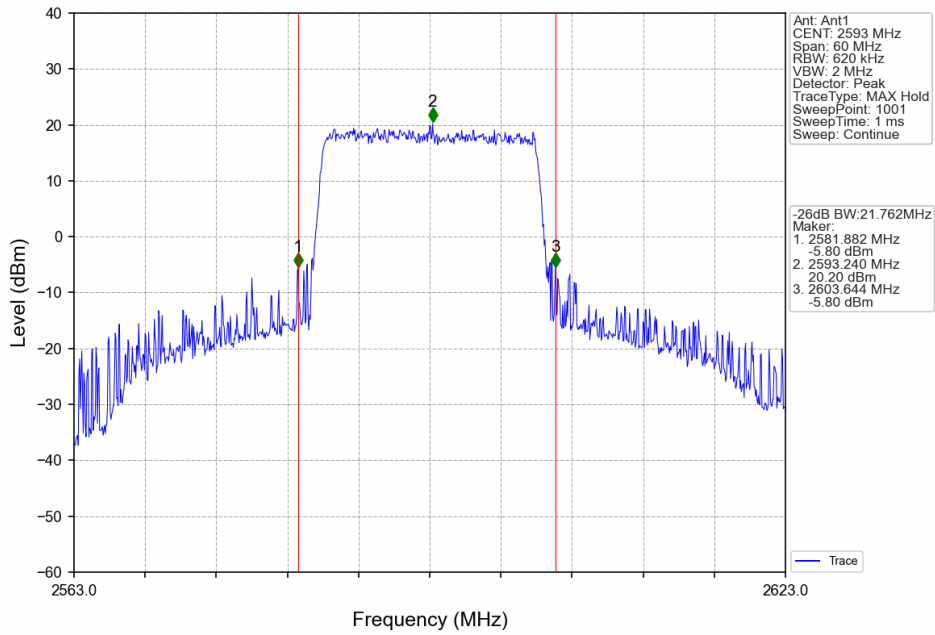
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



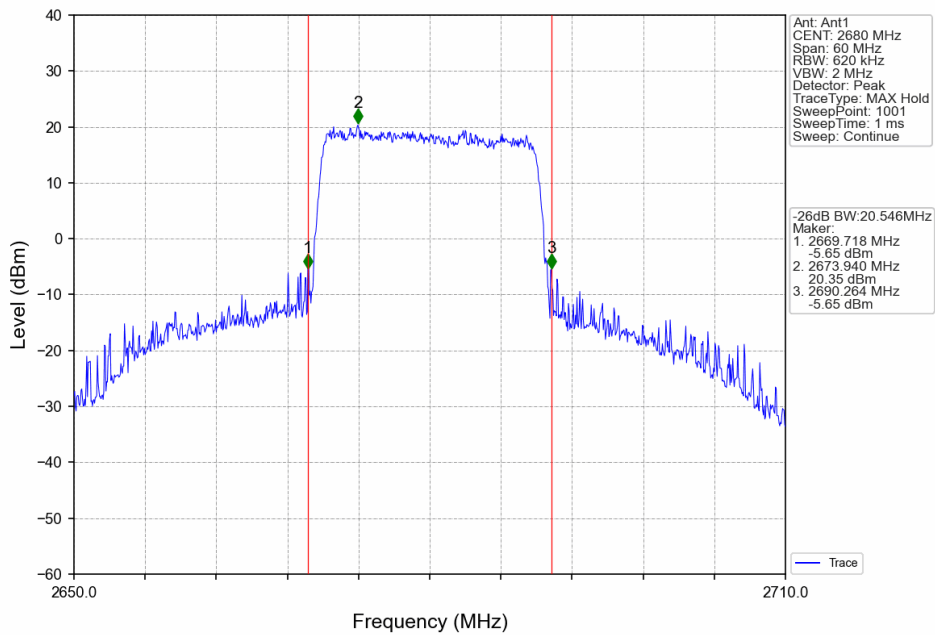
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



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



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



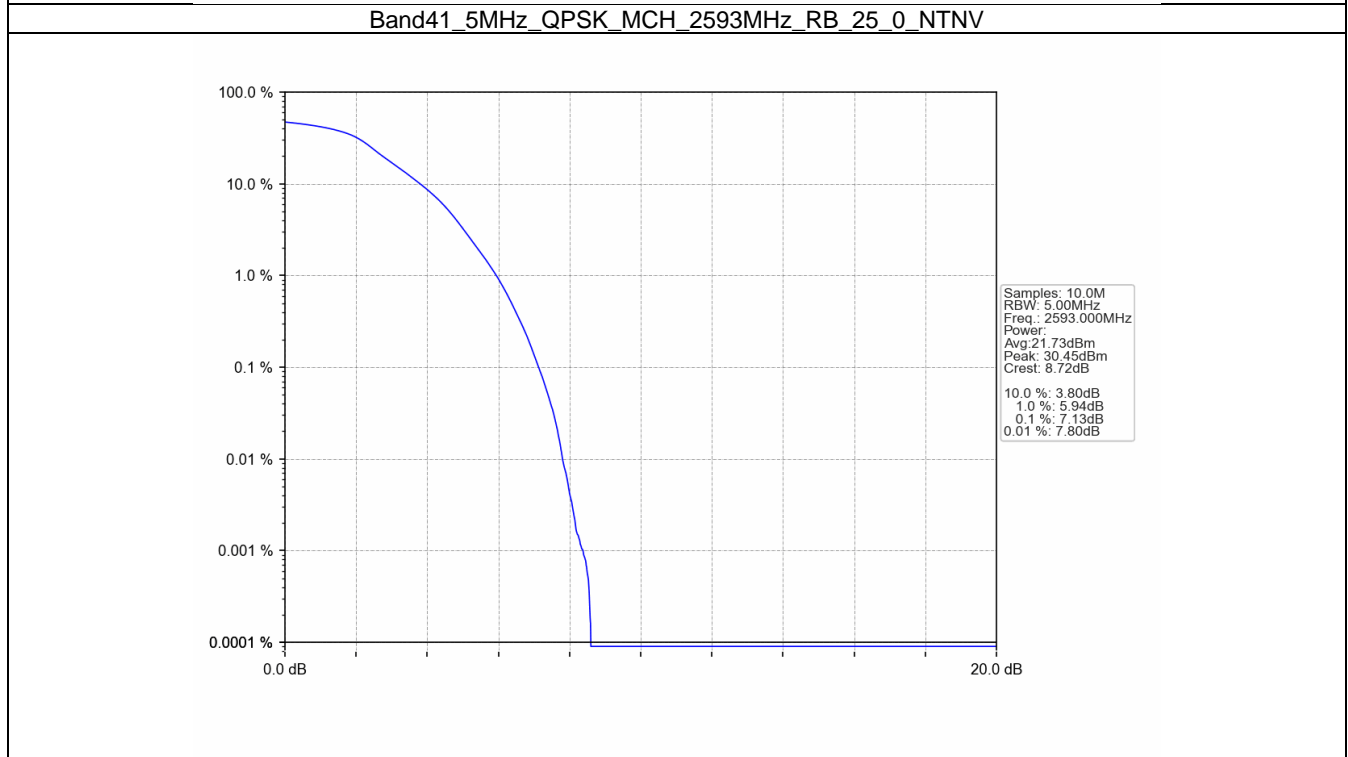
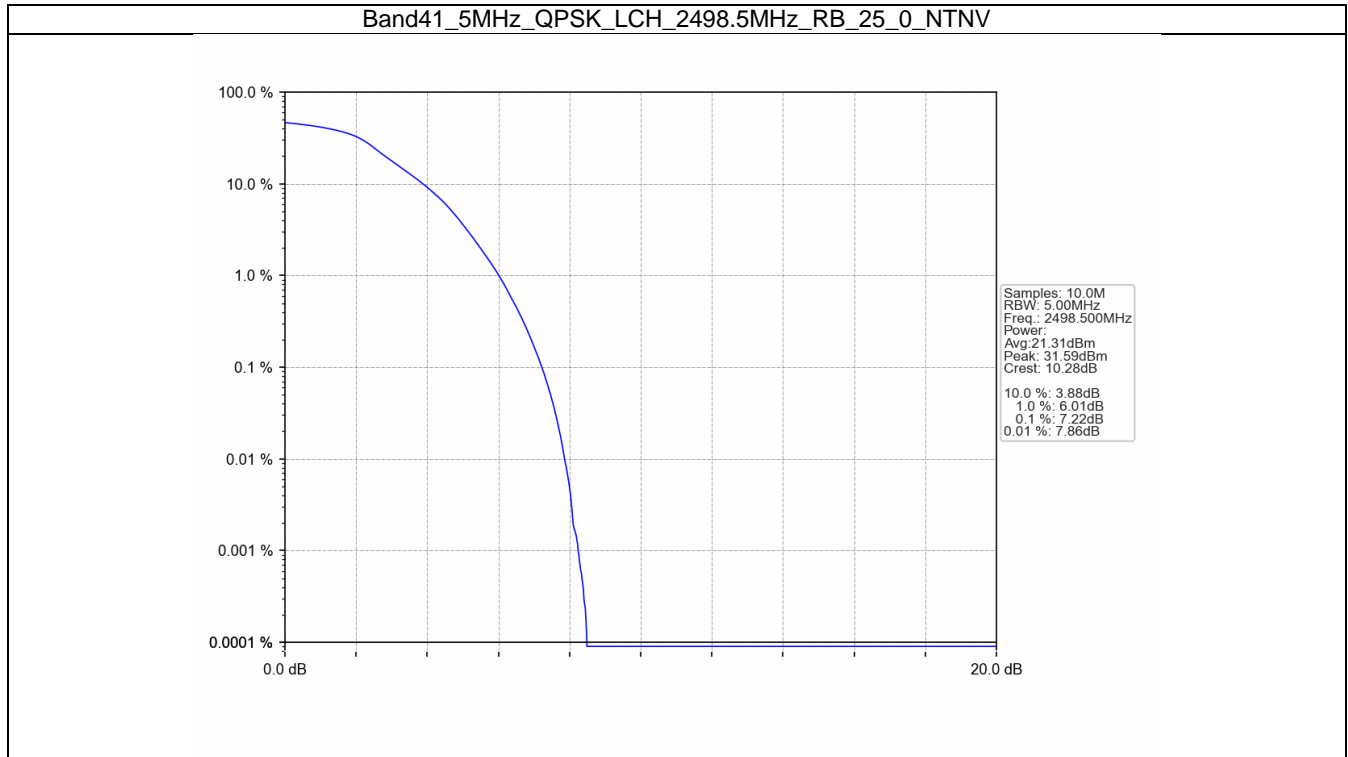
## 5. Peak-Average Ratio

### 5.1 B41\_5MHz

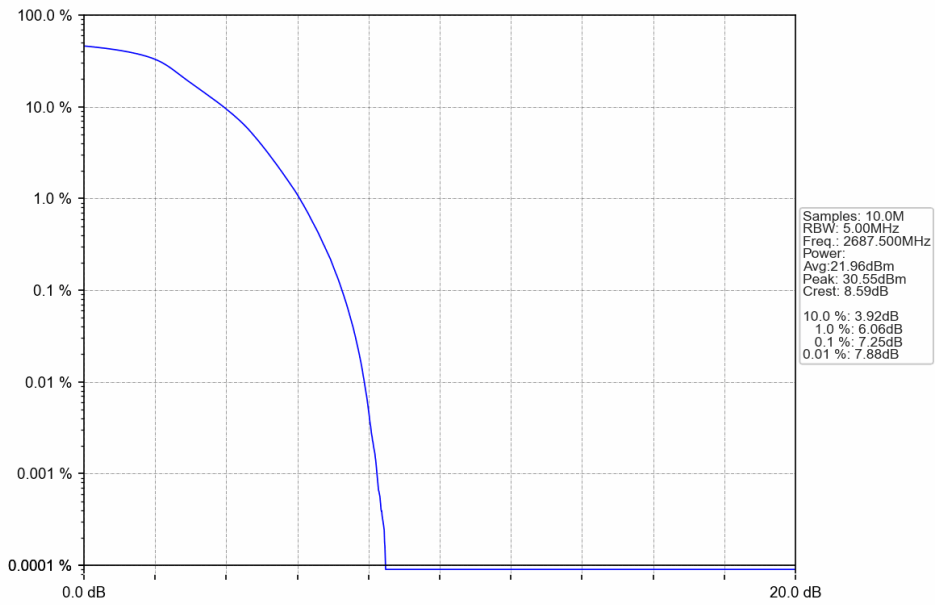
#### 5.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.22	<=13	Pass
	2593	25	0	7.13	<=13	Pass
	2687.5	25	0	7.25	<=13	Pass
16QAM	2498.5	25	0	7.86	<=13	Pass
	2593	25	0	7.69	<=13	Pass
	2687.5	25	0	7.77	<=13	Pass

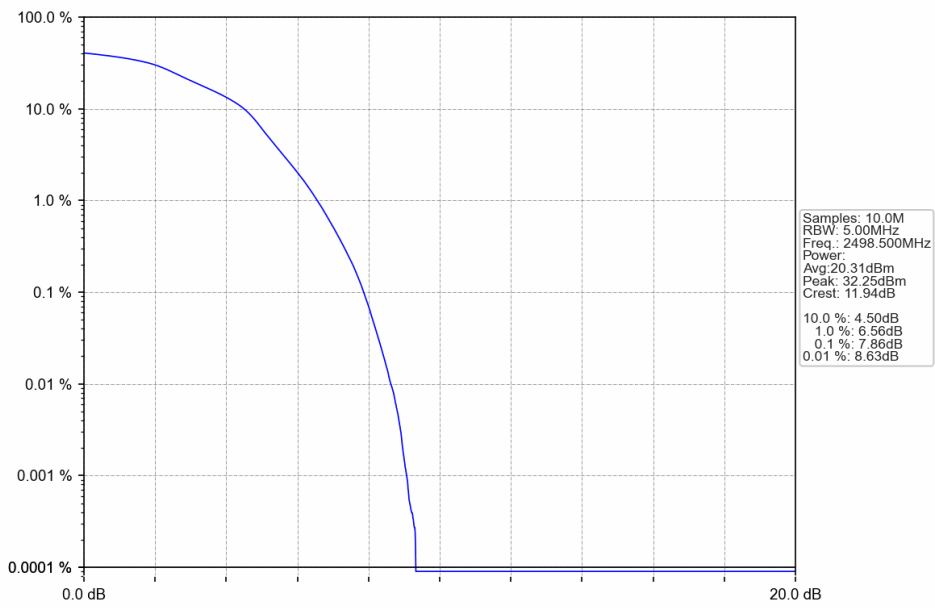
## 5.1.2 Test Graph



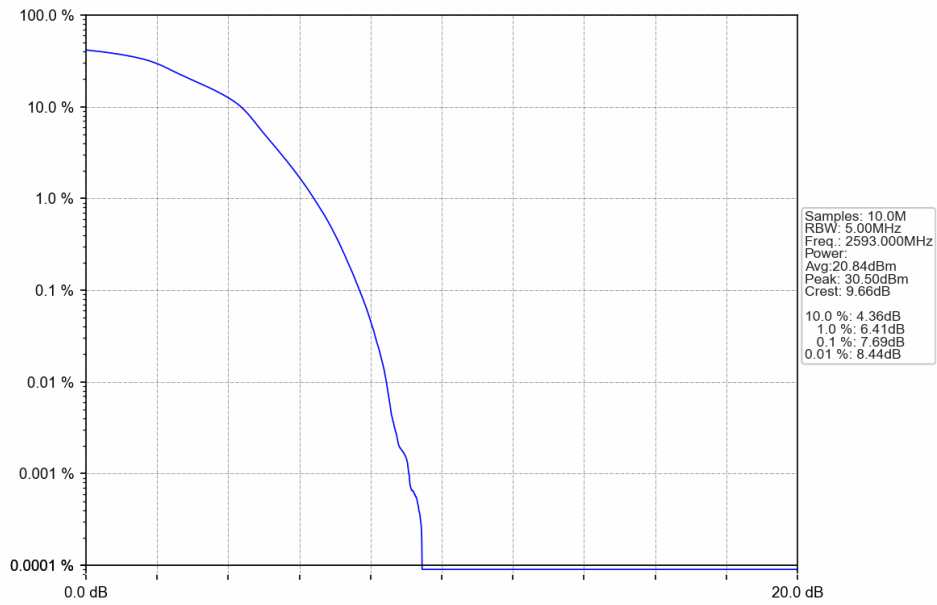
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



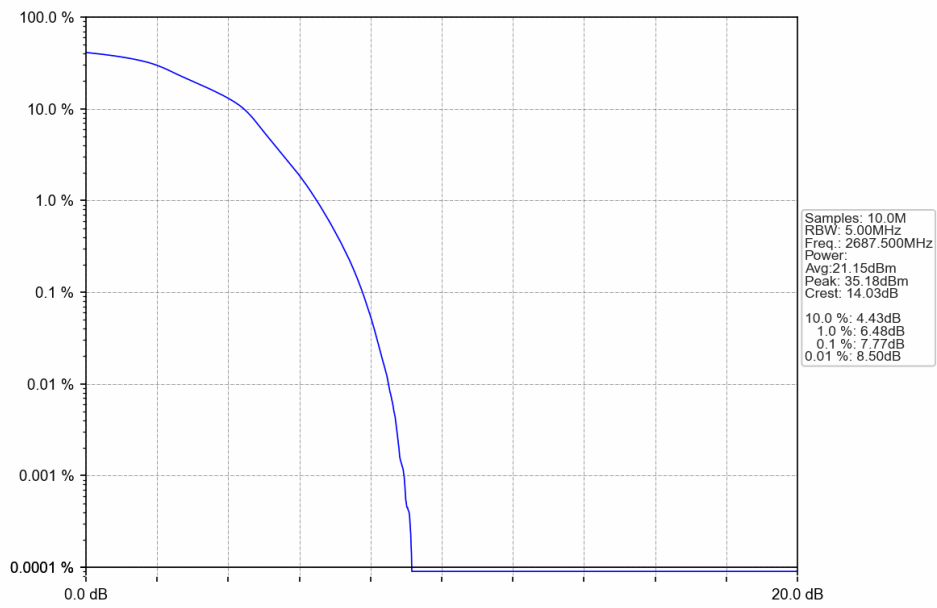
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



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



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



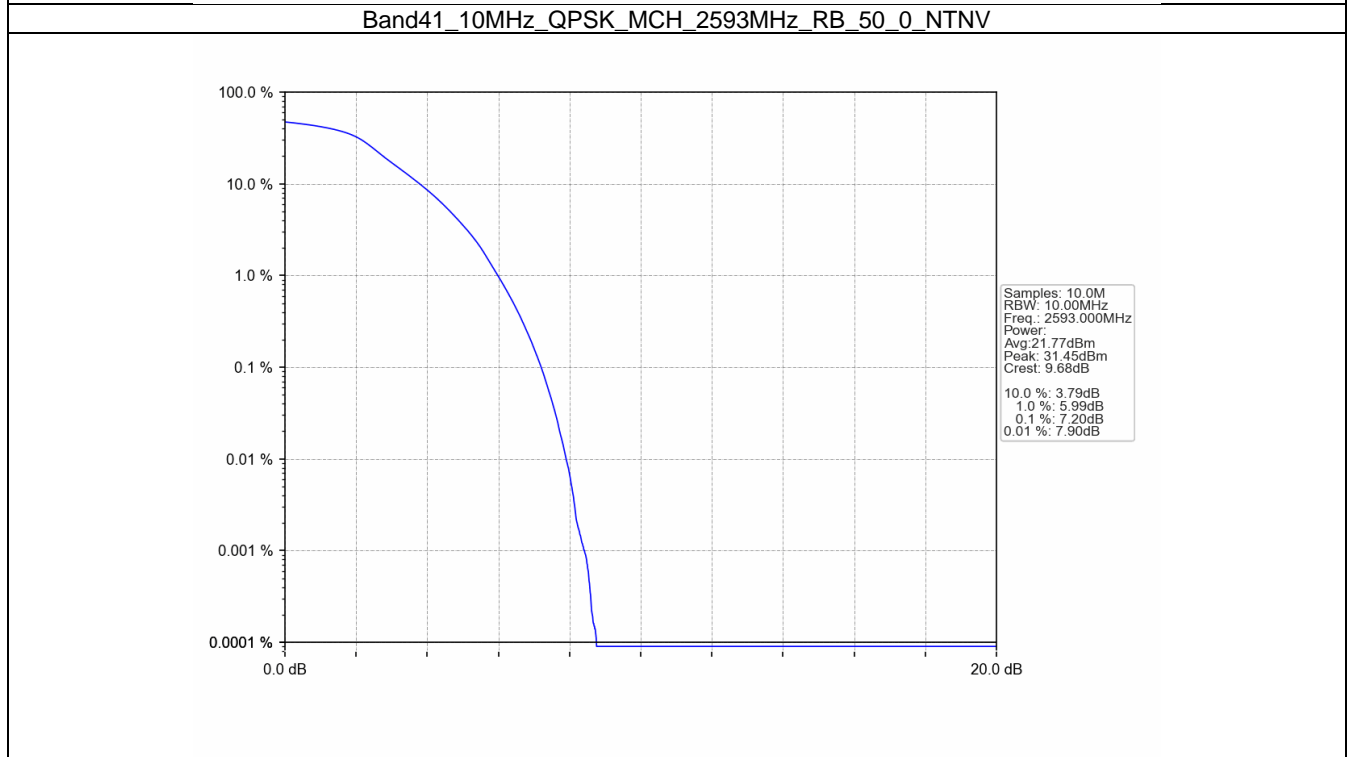
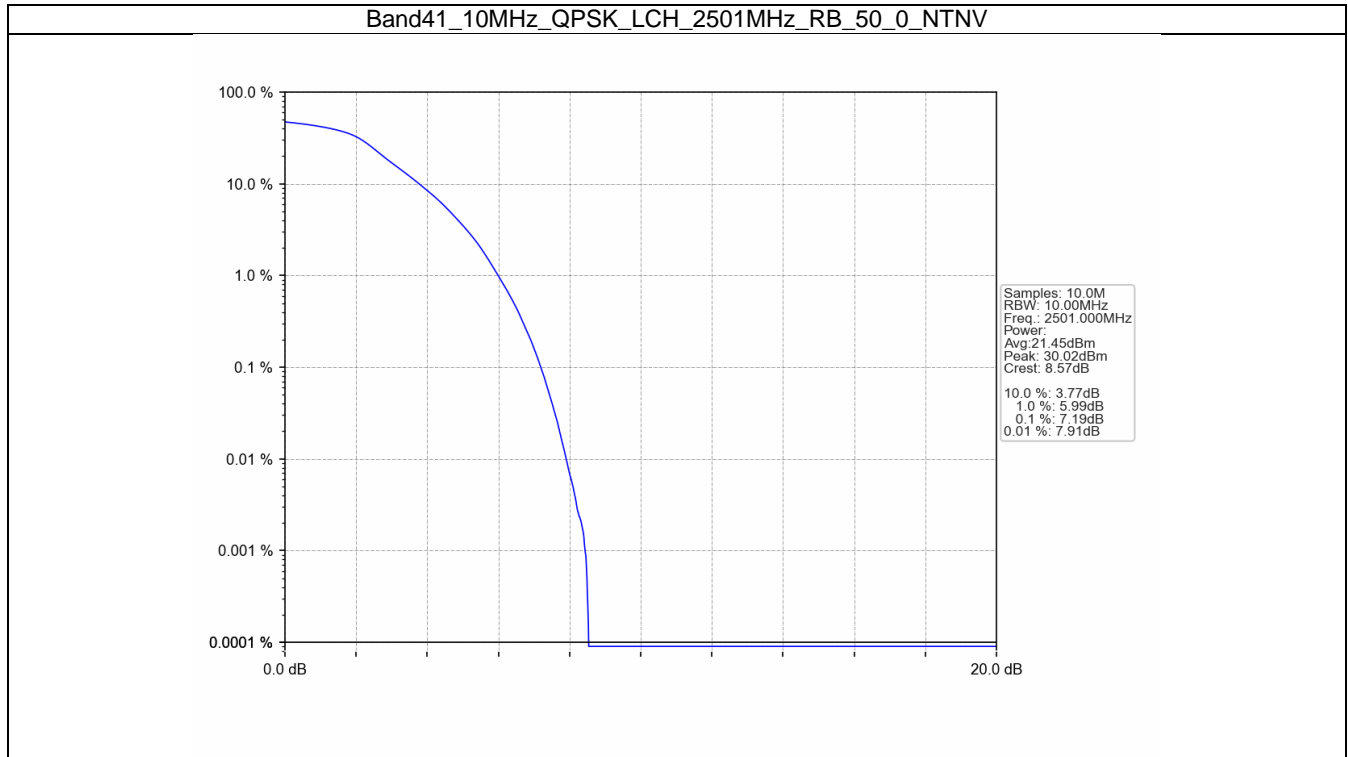
## 5.2 B41\_10MHz

### 5.2.1 Test Result

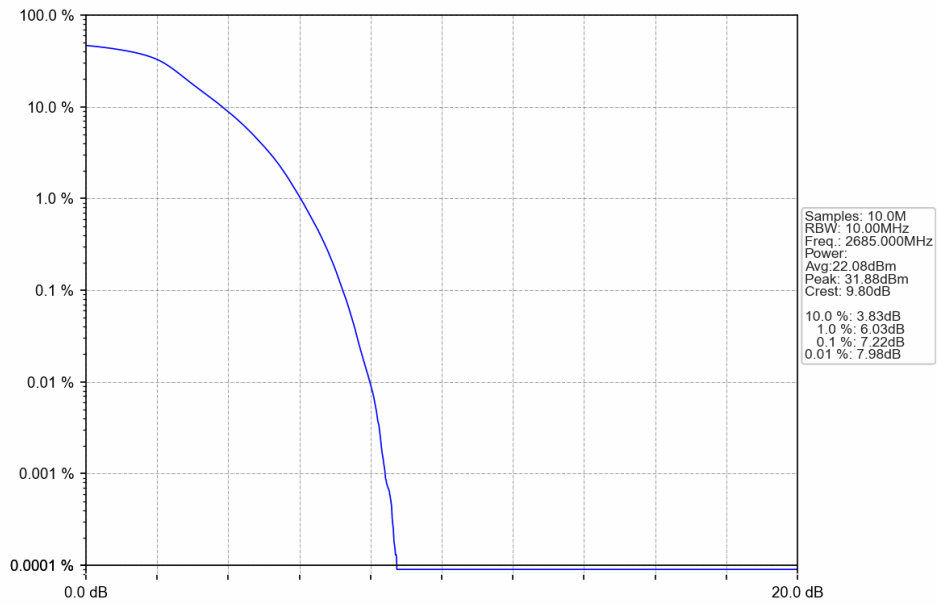
Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.19	<=13	Pass
	2593	50	0	7.20	<=13	Pass
	2685	50	0	7.22	<=13	Pass
16QAM	2501	50	0	7.95	<=13	Pass
	2593	50	0	8.04	<=13	Pass
	2685	50	0	7.87	<=13	Pass



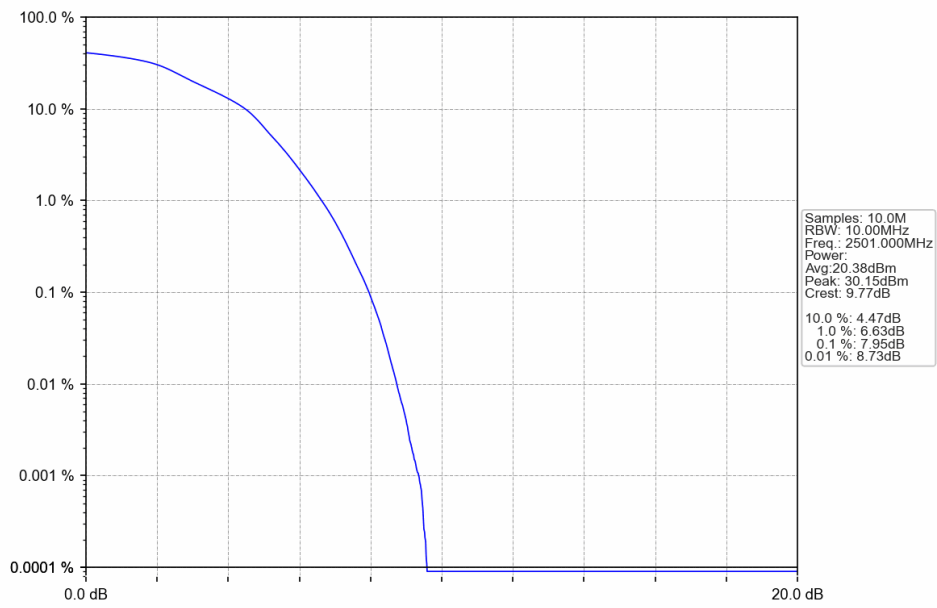
## 5.2.2 Test Graph



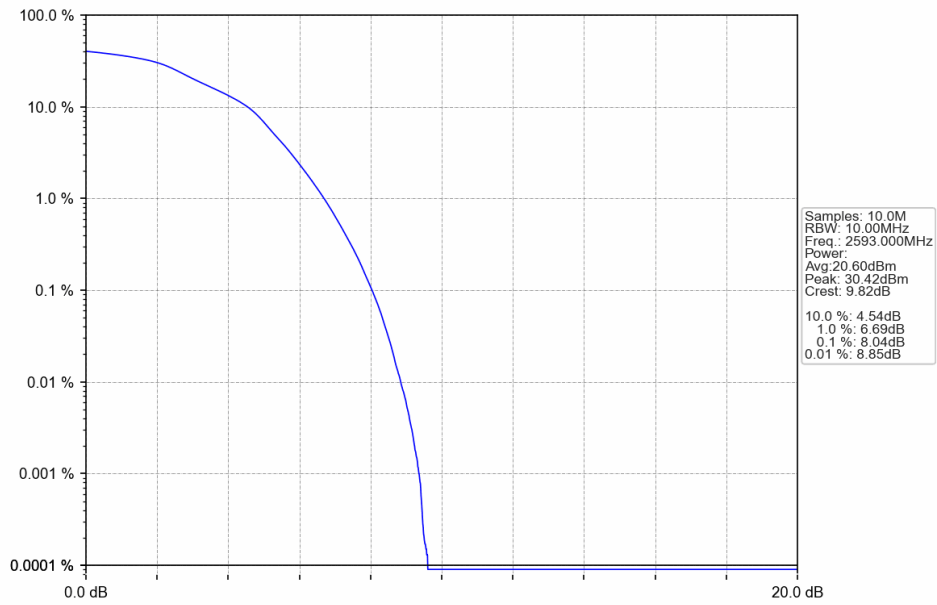
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



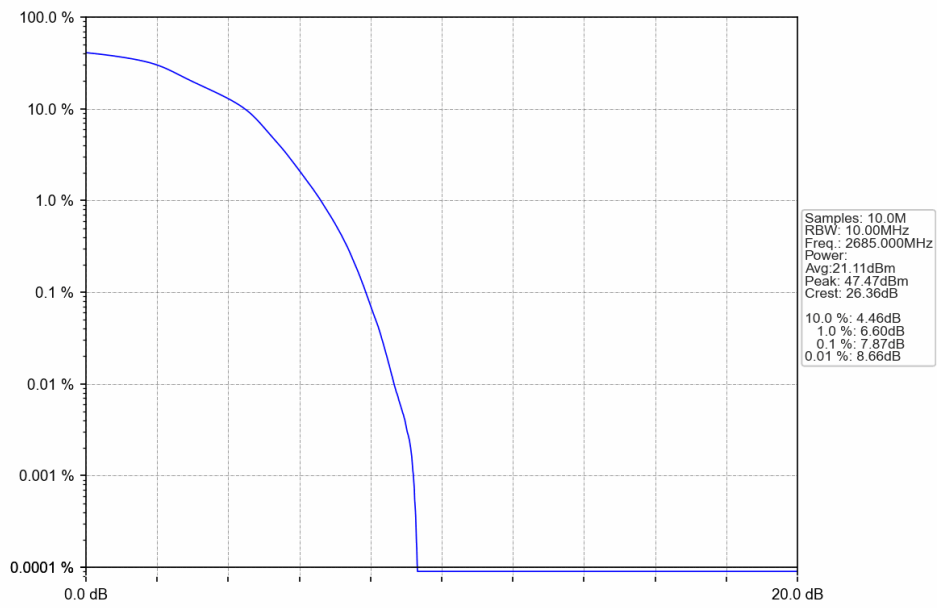
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



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



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

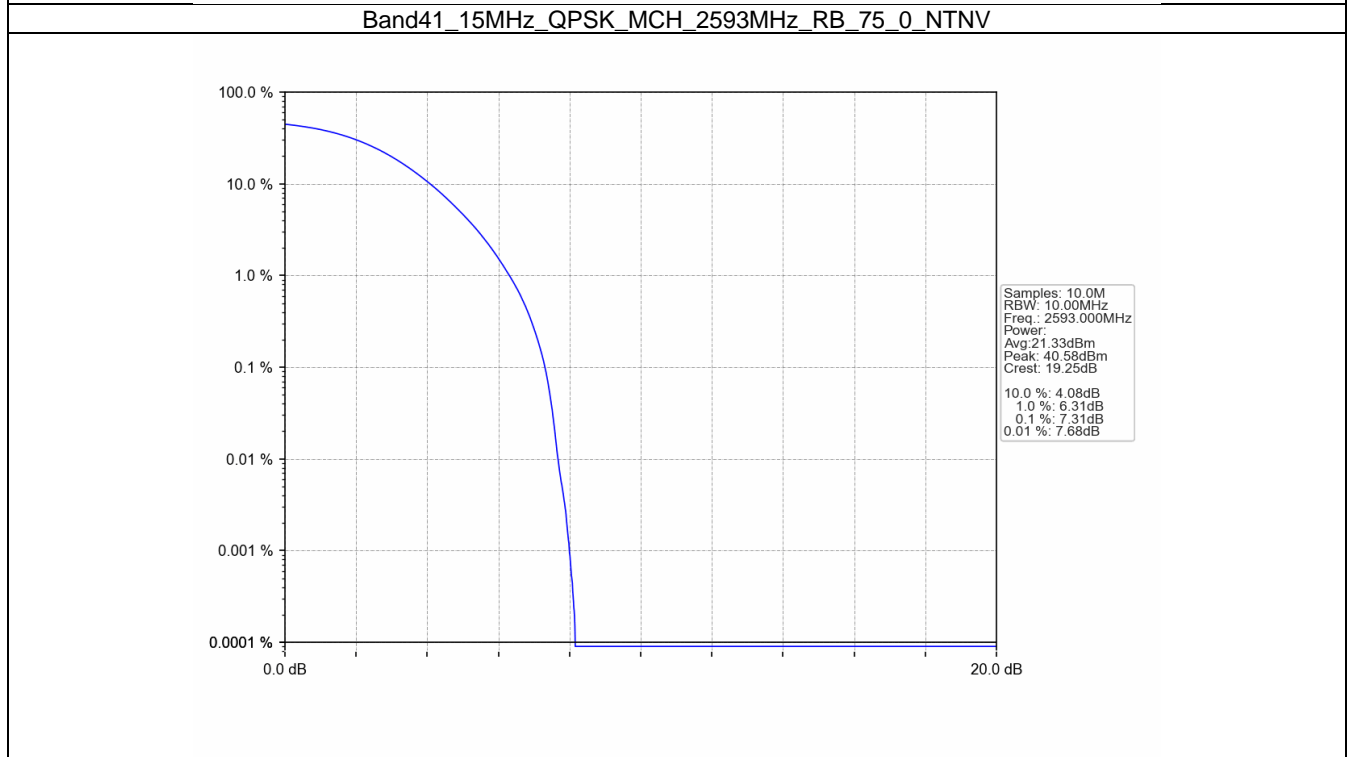
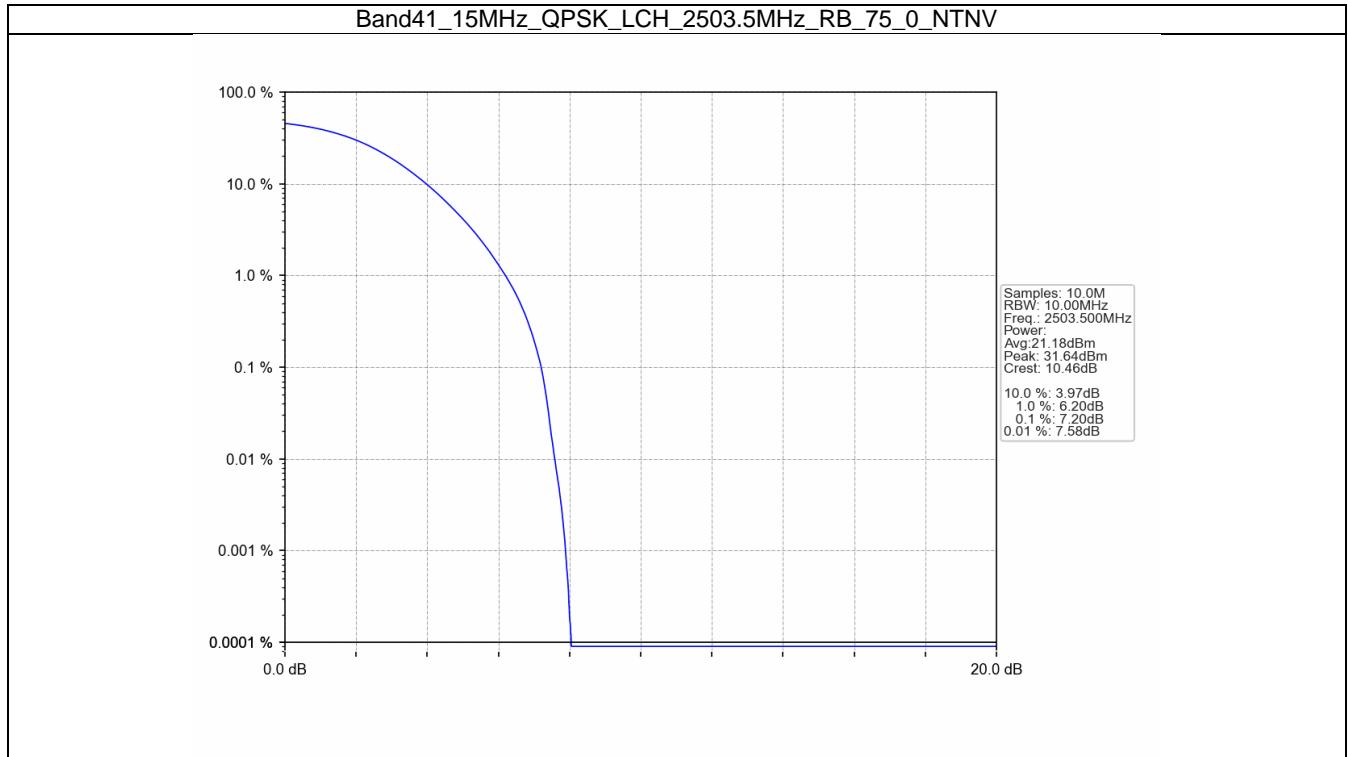


## 5.3 B41\_15MHz

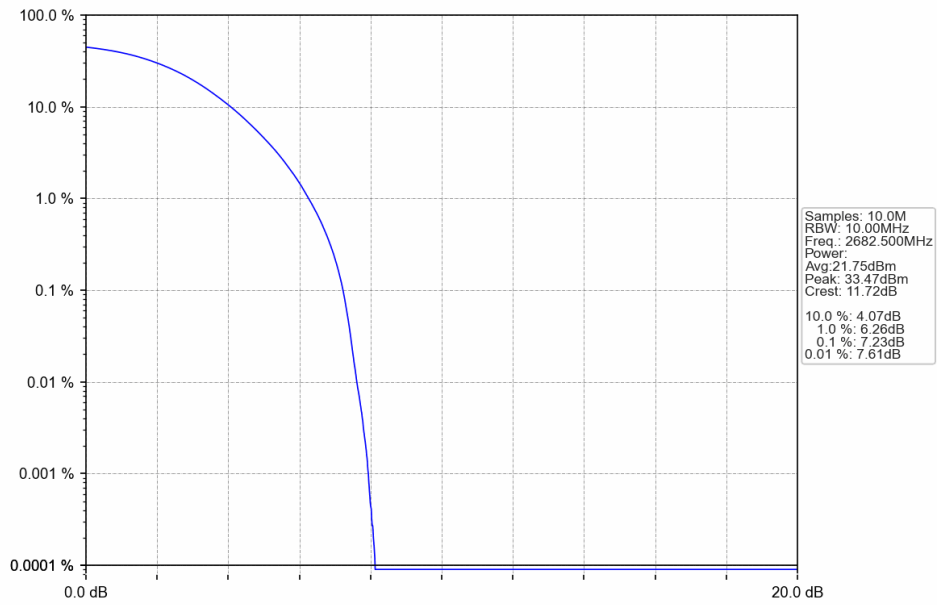
### 5.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	7.20	<=13	Pass
	2593	75	0	7.31	<=13	Pass
	2682.5	75	0	7.23	<=13	Pass
16QAM	2503.5	75	0	7.84	<=13	Pass
	2593	75	0	8.10	<=13	Pass
	2682.5	75	0	7.80	<=13	Pass

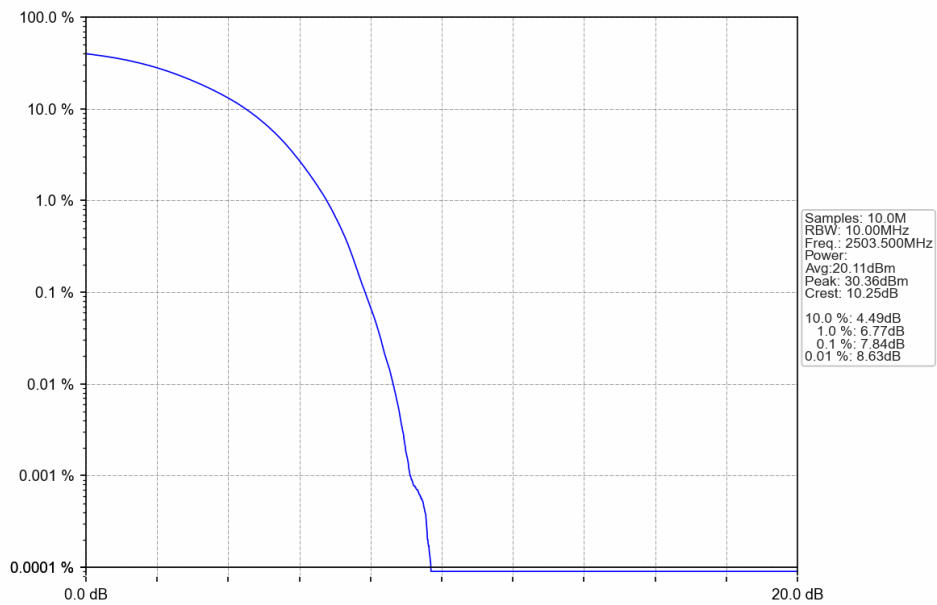
### 5.3.2 Test Graph



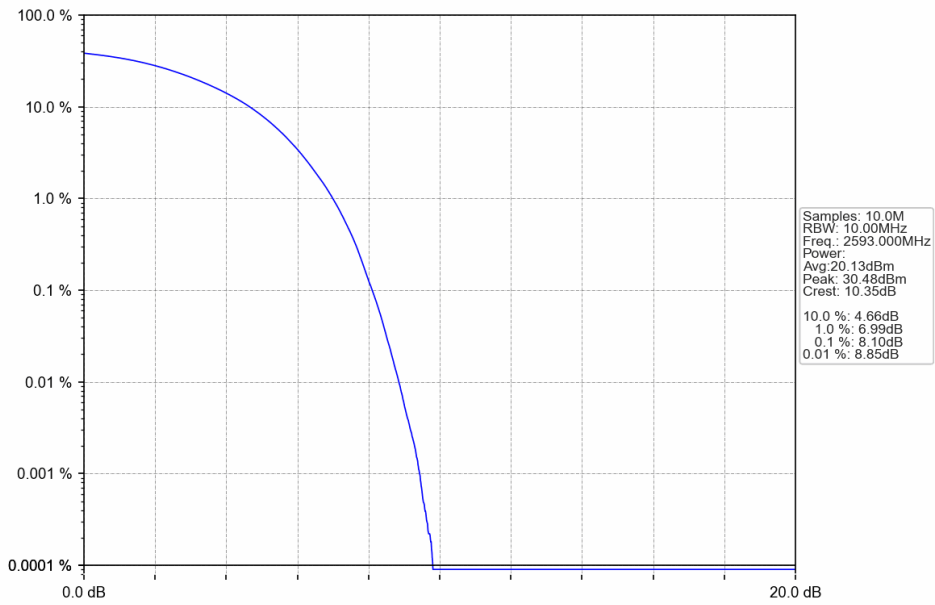
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



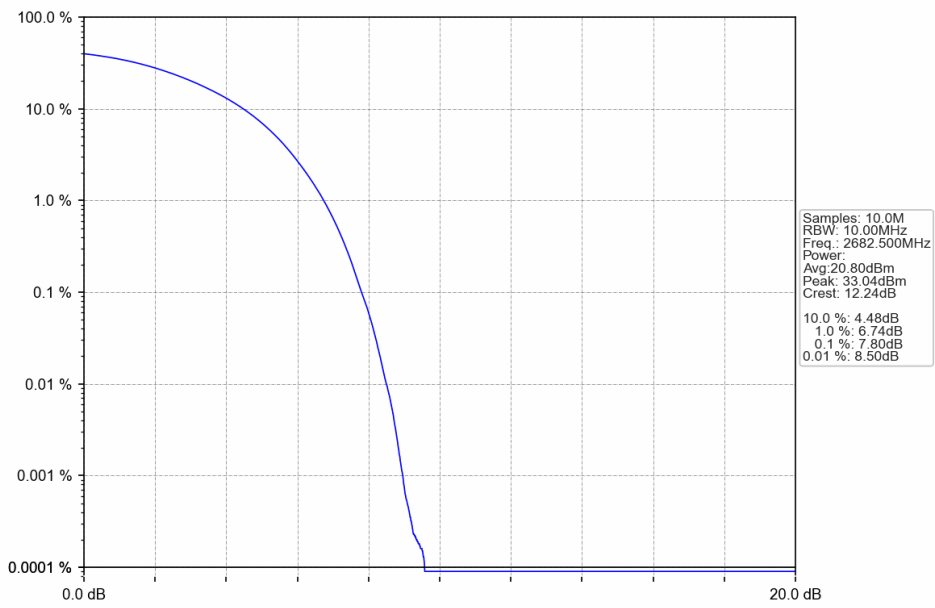
Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



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



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



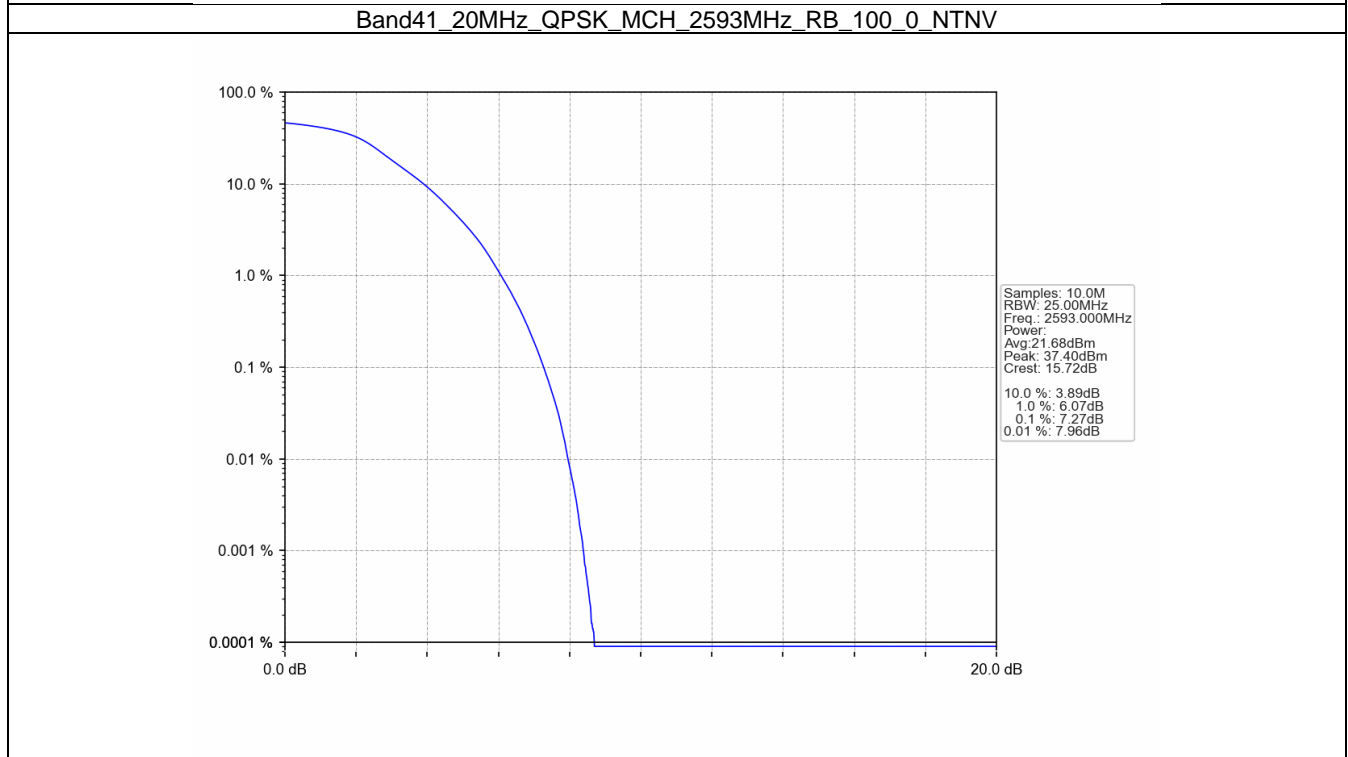
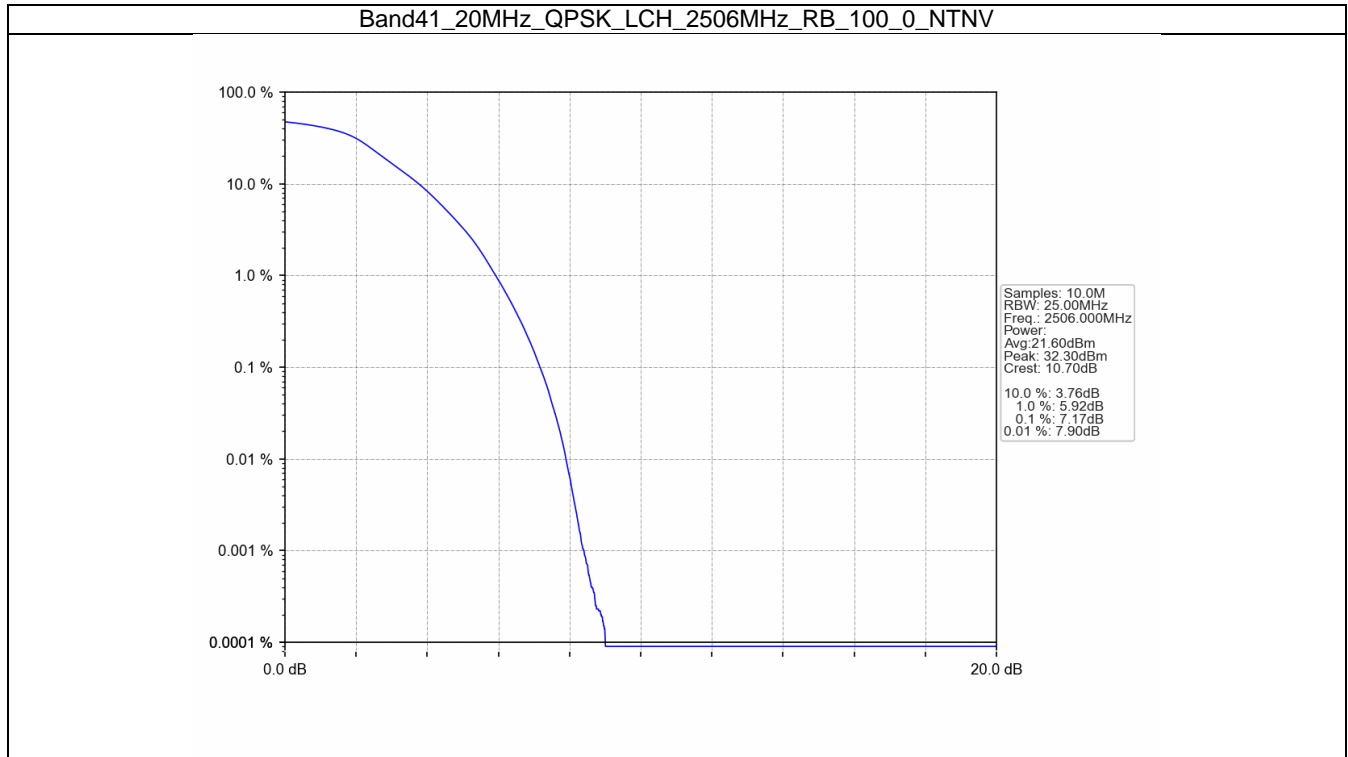
## 5.4 B41\_20MHz

### 5.4.1 Test Result

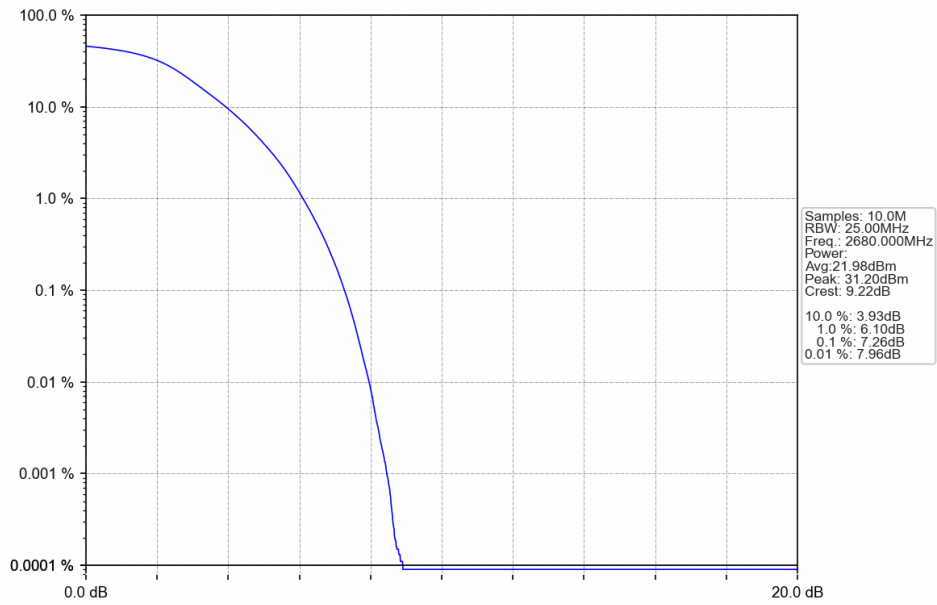
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.17	<=13	Pass
	2593	100	0	7.27	<=13	Pass
	2680	100	0	7.26	<=13	Pass
16QAM	2506	100	0	8.16	<=13	Pass
	2593	100	0	7.71	<=13	Pass
	2680	100	0	8.16	<=13	Pass



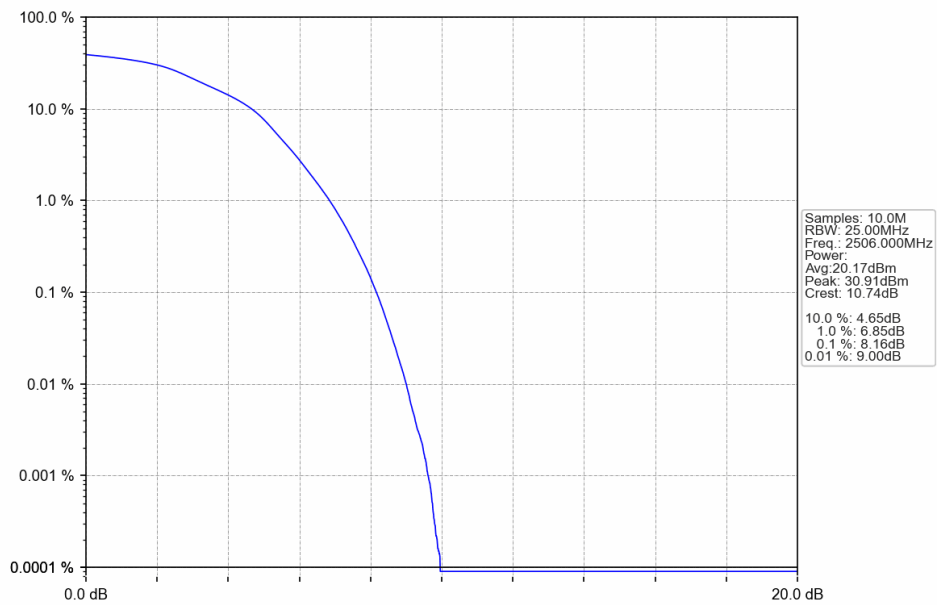
## 5.4.2 Test Graph



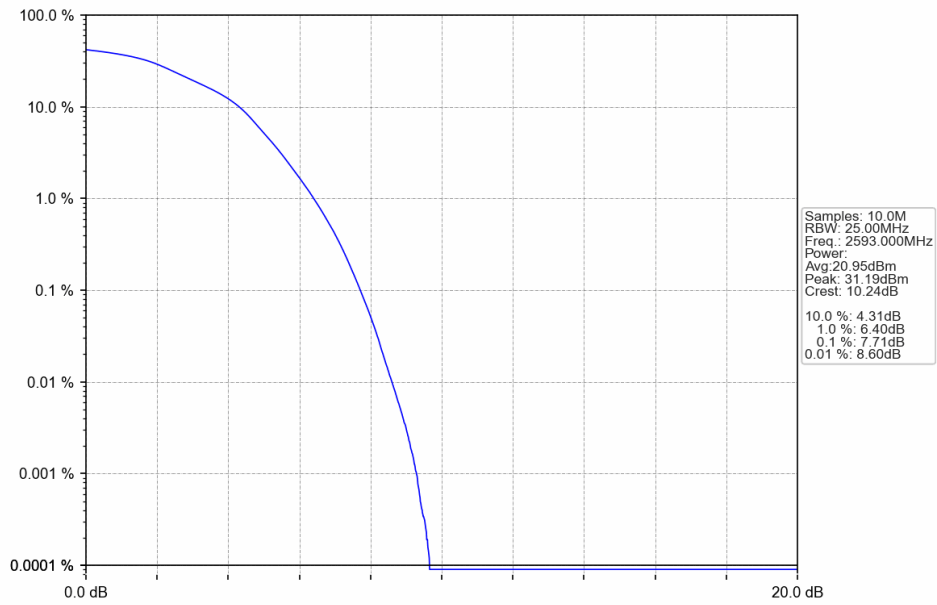
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



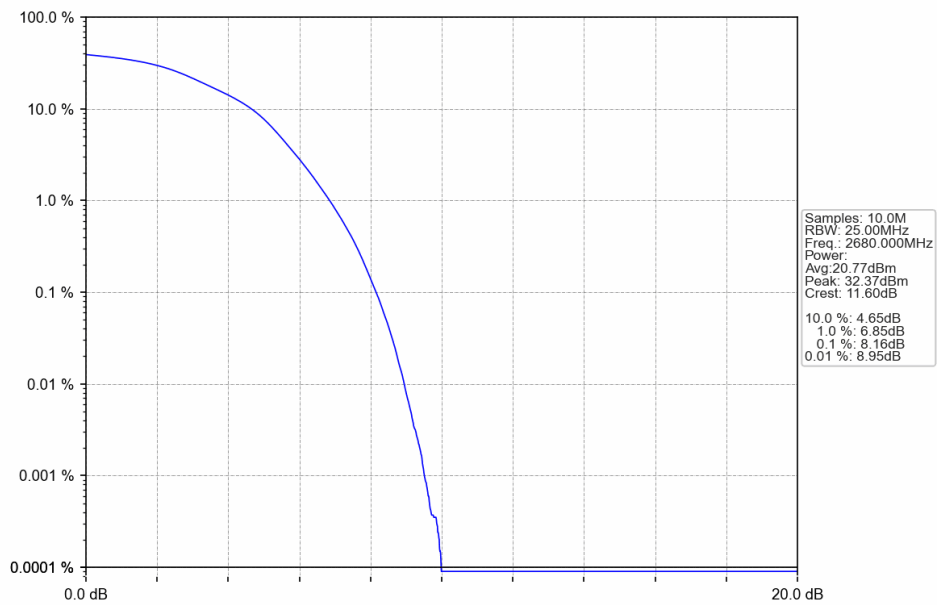
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



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



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



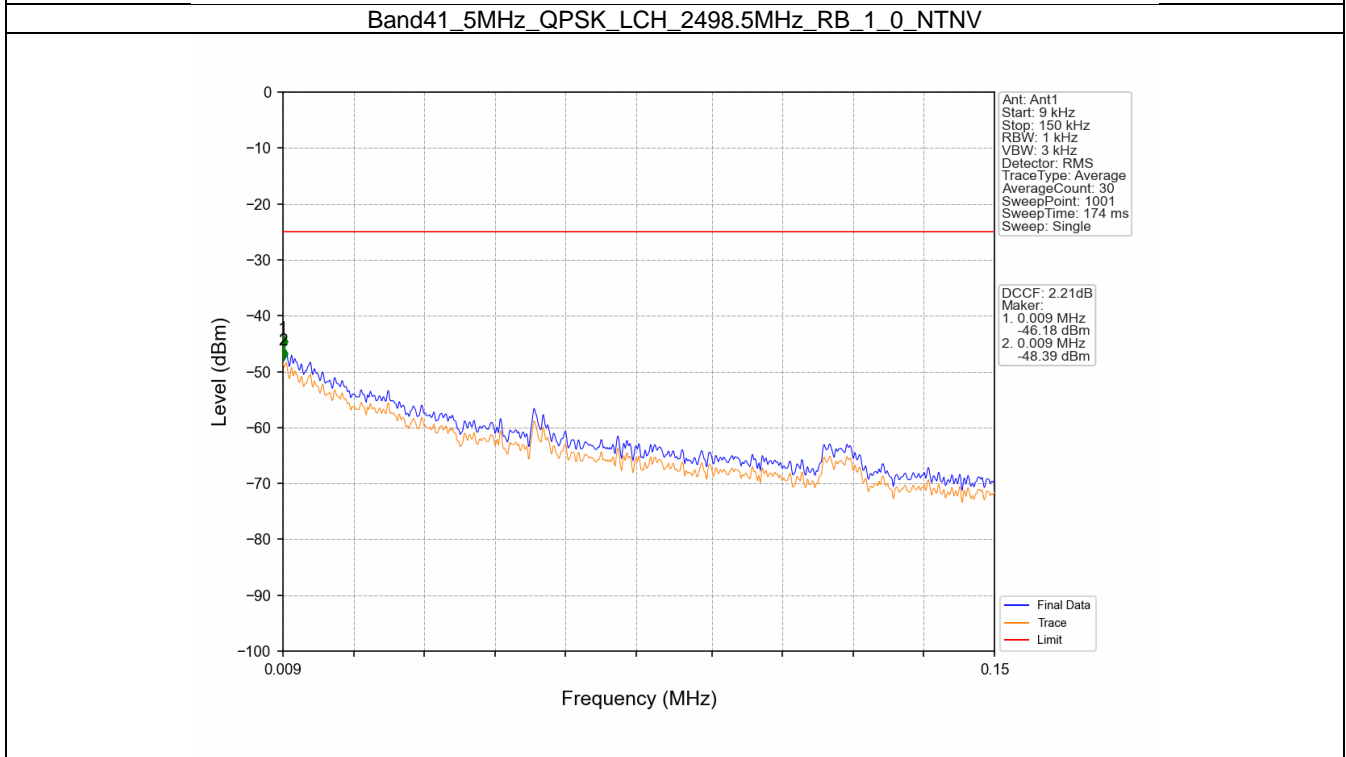
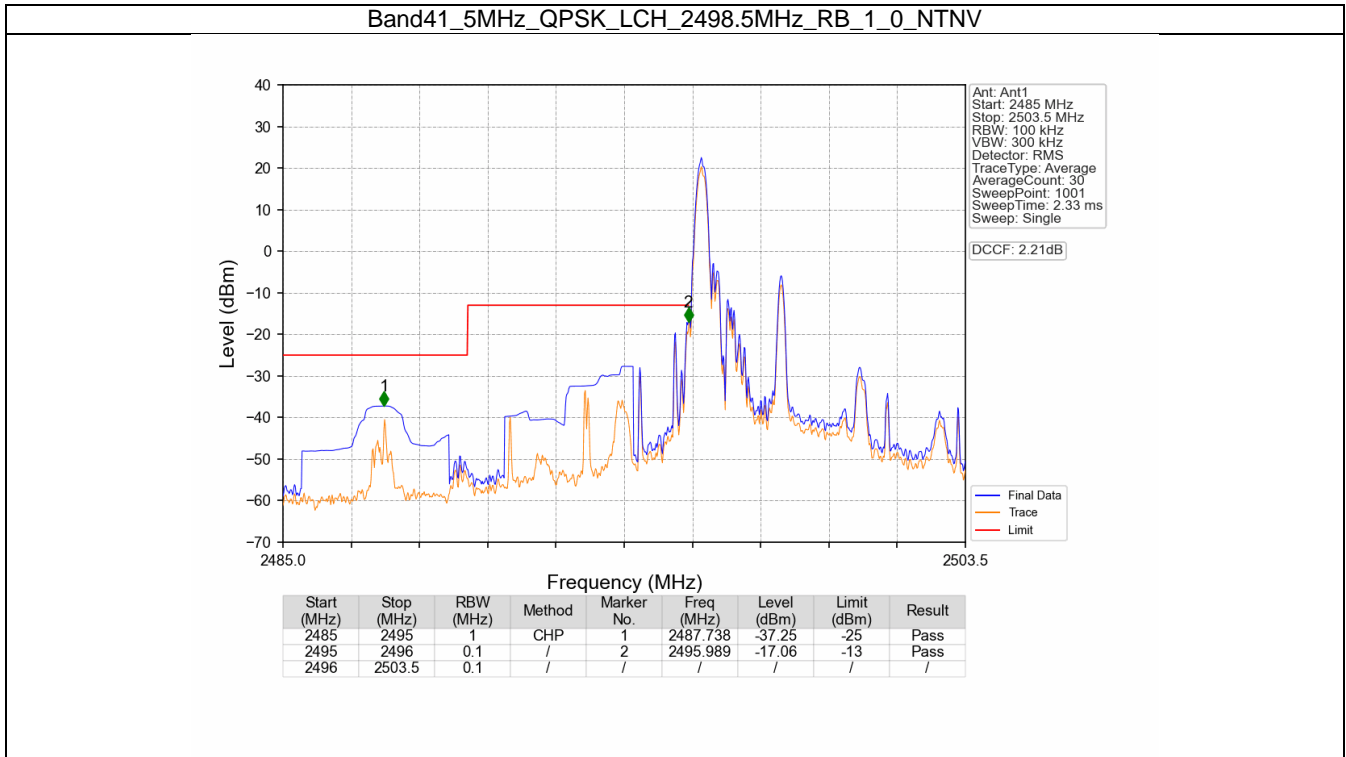
## 6. Spurious Emission

### 6.1 B41\_5MHz

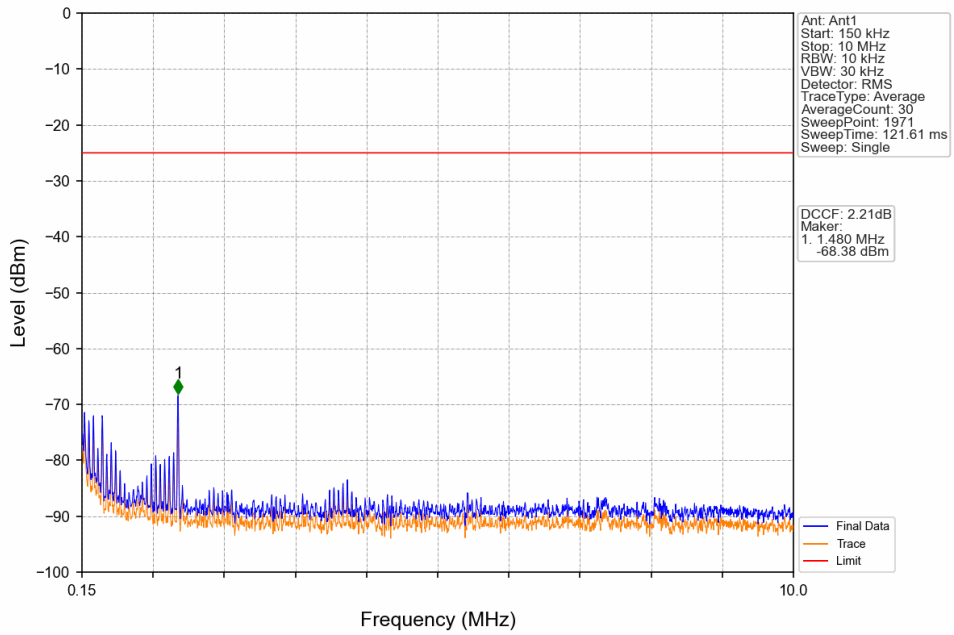
#### 6.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTV						
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

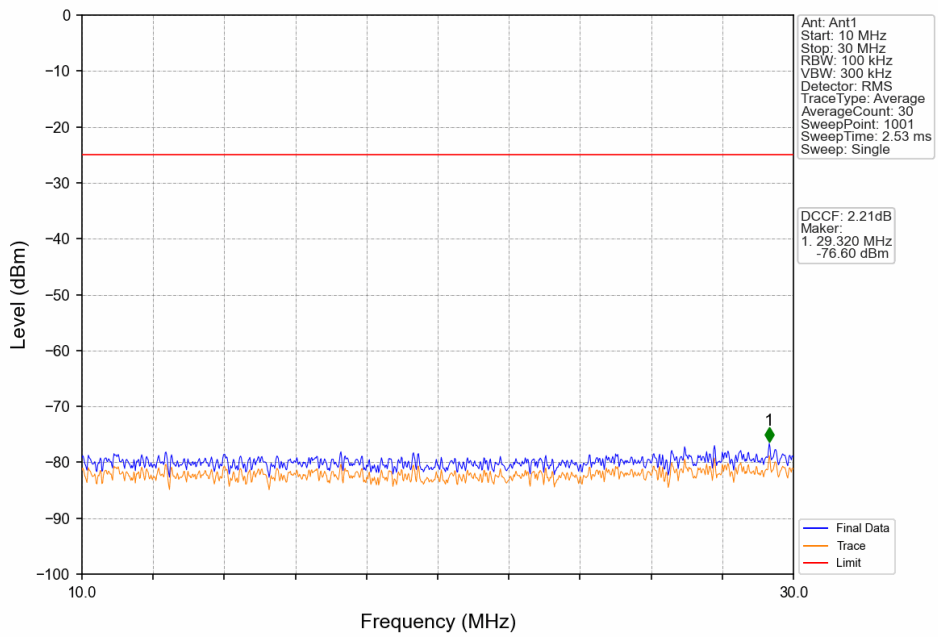
### 6.1.2 Test Graph



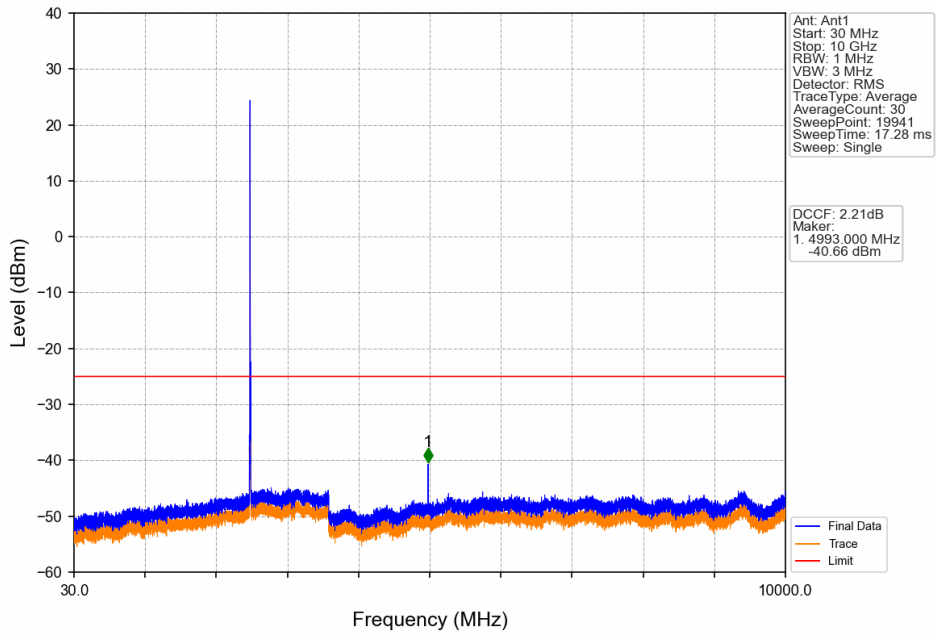
Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



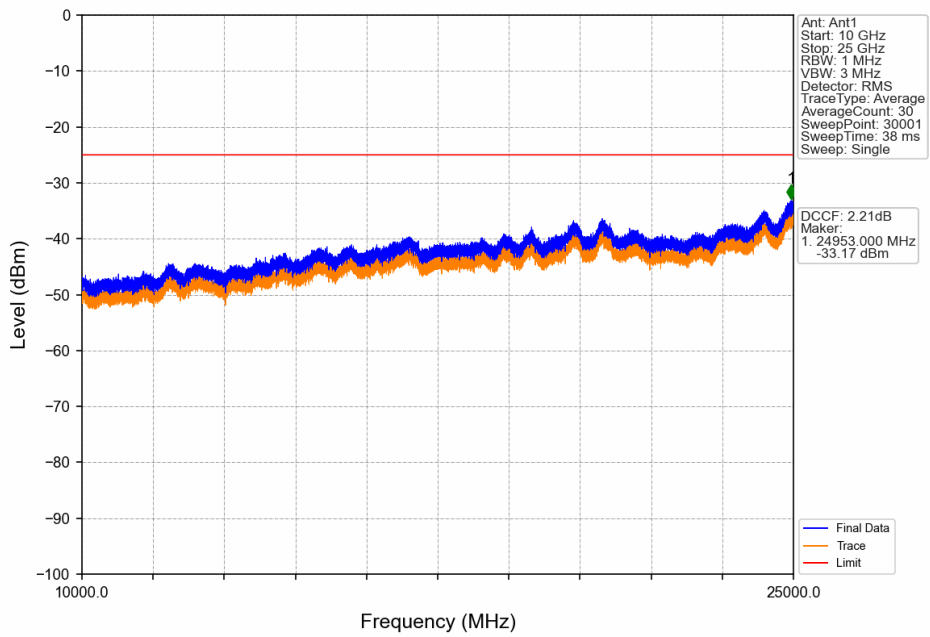
Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



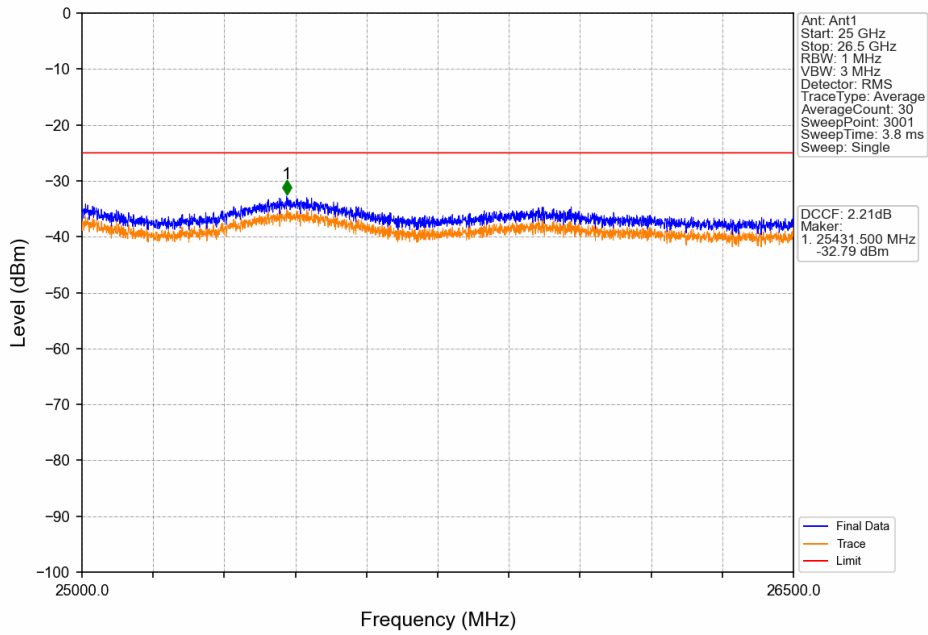
Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



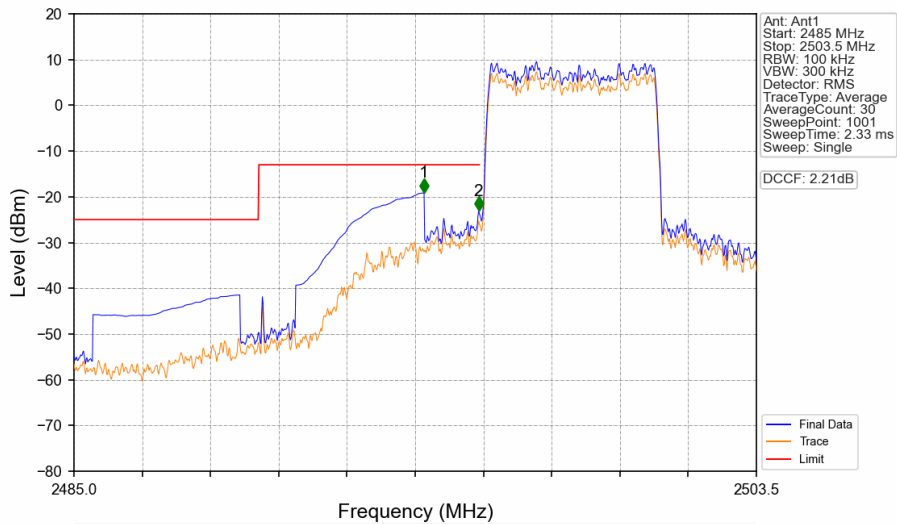
Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



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	2494.490	-19.08	-13	Pass
2495	2496	0.1	/	2	2495.970	-23.08	-13	Pass
2496	2503.5	0.103	/	/	/	/	/	/