

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B41\_5MHz\_EIRP

### 1.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2498.5	1	0	22.29	0.00	22.29	<=33.01	Pass		
			13	22.35	0.00	22.35	<=33.01	Pass		
			24	22.25	0.00	22.25	<=33.01	Pass		
		12	0	21.39	0.00	21.39	<=33.01	Pass		
			6	21.37	0.00	21.37	<=33.01	Pass		
			13	21.28	0.00	21.28	<=33.01	Pass		
		25	0	21.34	0.00	21.34	<=33.01	Pass		
		2593	1	0	23.44	0.00	23.44	<=33.01	Pass	
				13	23.59	0.00	23.59	<=33.01	Pass	
	24			23.57	0.00	23.57	<=33.01	Pass		
	12		0	22.43	0.00	22.43	<=33.01	Pass		
			6	22.47	0.00	22.47	<=33.01	Pass		
			13	22.48	0.00	22.48	<=33.01	Pass		
	25	0	22.48	0.00	22.48	<=33.01	Pass			
	2687.5	1	0	24.24	0.00	24.24	<=33.01	Pass		
			13	24.48	0.00	24.48	<=33.01	Pass		
			24	24.26	0.00	24.26	<=33.01	Pass		
		12	0	23.34	0.00	23.34	<=33.01	Pass		
			6	23.34	0.00	23.34	<=33.01	Pass		
			13	23.21	0.00	23.21	<=33.01	Pass		
		25	0	23.35	0.00	23.35	<=33.01	Pass		
		16QAM	2498.5	1	0	21.23	0.00	21.23	<=33.01	Pass
					13	21.42	0.00	21.42	<=33.01	Pass
	24				21.53	0.00	21.53	<=33.01	Pass	
12	0			20.26	0.00	20.26	<=33.01	Pass		
	6			20.32	0.00	20.32	<=33.01	Pass		
	13			20.21	0.00	20.21	<=33.01	Pass		
25	0			20.28	0.00	20.28	<=33.01	Pass		
2593	1			0	22.34	0.00	22.34	<=33.01	Pass	
				13	22.51	0.00	22.51	<=33.01	Pass	
			24	22.44	0.00	22.44	<=33.01	Pass		
	12		0	21.36	0.00	21.36	<=33.01	Pass		
			6	21.41	0.00	21.41	<=33.01	Pass		
			13	21.41	0.00	21.41	<=33.01	Pass		
25	0		21.40	0.00	21.40	<=33.01	Pass			
2687.5	1		0	23.47	0.00	23.47	<=33.01	Pass		
			13	23.07	0.00	23.07	<=33.01	Pass		
			24	23.26	0.00	23.26	<=33.01	Pass		
	12		0	22.34	0.00	22.34	<=33.01	Pass		
			6	22.23	0.00	22.23	<=33.01	Pass		
			13	22.25	0.00	22.25	<=33.01	Pass		
	25		0	22.31	0.00	22.31	<=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	22.35	0.00	22.35	<=33.01	Pass
			25	22.67	0.00	22.67	<=33.01	Pass
			49	22.43	0.00	22.43	<=33.01	Pass
		25	0	21.46	0.00	21.46	<=33.01	Pass
			13	21.44	0.00	21.44	<=33.01	Pass
			25	21.38	0.00	21.38	<=33.01	Pass
	50	0	21.42	0.00	21.42	<=33.01	Pass	
	2593	1	0	23.45	0.00	23.45	<=33.01	Pass
			25	23.85	0.00	23.85	<=33.01	Pass
			49	23.62	0.00	23.62	<=33.01	Pass
		25	0	22.58	0.00	22.58	<=33.01	Pass
			13	22.59	0.00	22.59	<=33.01	Pass
			25	22.53	0.00	22.53	<=33.01	Pass
	50	0	22.46	0.00	22.46	<=33.01	Pass	
	2685	1	0	24.38	0.00	24.38	<=33.01	Pass
			25	24.62	0.00	24.62	<=33.01	Pass
			49	24.36	0.00	24.36	<=33.01	Pass
		25	0	23.55	0.00	23.55	<=33.01	Pass
13			23.50	0.00	23.50	<=33.01	Pass	
25			23.33	0.00	23.33	<=33.01	Pass	
50	0	23.46	0.00	23.46	<=33.01	Pass		
16QAM	2501	1	0	21.47	0.00	21.47	<=33.01	Pass
			25	21.29	0.00	21.29	<=33.01	Pass
			49	21.50	0.00	21.50	<=33.01	Pass
		25	0	20.37	0.00	20.37	<=33.01	Pass
			13	20.29	0.00	20.29	<=33.01	Pass
			25	20.31	0.00	20.31	<=33.01	Pass
	50	0	20.37	0.00	20.37	<=33.01	Pass	
	2593	1	0	22.13	0.00	22.13	<=33.01	Pass
			25	22.54	0.00	22.54	<=33.01	Pass
			49	22.45	0.00	22.45	<=33.01	Pass
		25	0	21.50	0.00	21.50	<=33.01	Pass
			13	21.54	0.00	21.54	<=33.01	Pass
			25	21.48	0.00	21.48	<=33.01	Pass
	50	0	21.48	0.00	21.48	<=33.01	Pass	
	2685	1	0	23.41	0.00	23.41	<=33.01	Pass
			25	23.66	0.00	23.66	<=33.01	Pass
			49	23.37	0.00	23.37	<=33.01	Pass
		25	0	22.45	0.00	22.45	<=33.01	Pass
13			22.40	0.00	22.40	<=33.01	Pass	
25			22.31	0.00	22.31	<=33.01	Pass	
50	0	22.40	0.00	22.40	<=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	22.28	0.00	22.28	<=33.01	Pass		
			38	22.34	0.00	22.34	<=33.01	Pass		
			74	22.34	0.00	22.34	<=33.01	Pass		
		36	0	21.35	0.00	21.35	<=33.01	Pass		
			18	21.44	0.00	21.44	<=33.01	Pass		
			39	21.39	0.00	21.39	<=33.01	Pass		
		75	0	21.39	0.00	21.39	<=33.01	Pass		
		2593	1	0	23.27	0.00	23.27	<=33.01	Pass	
				38	23.61	0.00	23.61	<=33.01	Pass	
	74			23.48	0.00	23.48	<=33.01	Pass		
	36		0	22.54	0.00	22.54	<=33.01	Pass		
			18	22.58	0.00	22.58	<=33.01	Pass		
			39	22.54	0.00	22.54	<=33.01	Pass		
	75		0	22.63	0.00	22.63	<=33.01	Pass		
	2682.5		1	0	24.31	0.00	24.31	<=33.01	Pass	
				38	24.48	0.00	24.48	<=33.01	Pass	
		74		24.17	0.00	24.17	<=33.01	Pass		
		36	0	23.45	0.00	23.45	<=33.01	Pass		
			18	23.44	0.00	23.44	<=33.01	Pass		
			39	23.38	0.00	23.38	<=33.01	Pass		
		75	0	23.45	0.00	23.45	<=33.01	Pass		
		16QAM	2503.5	1	0	21.11	0.00	21.11	<=33.01	Pass
					38	21.32	0.00	21.32	<=33.01	Pass
	74				21.22	0.00	21.22	<=33.01	Pass	
36	0			20.30	0.00	20.30	<=33.01	Pass		
	18			20.28	0.00	20.28	<=33.01	Pass		
	39			20.33	0.00	20.33	<=33.01	Pass		
75	0			20.37	0.00	20.37	<=33.01	Pass		
2593	1			0	22.10	0.00	22.10	<=33.01	Pass	
				38	22.46	0.00	22.46	<=33.01	Pass	
			74	22.16	0.00	22.16	<=33.01	Pass		
	36		0	21.43	0.00	21.43	<=33.01	Pass		
			18	21.48	0.00	21.48	<=33.01	Pass		
			39	21.50	0.00	21.50	<=33.01	Pass		
	75		0	21.44	0.00	21.44	<=33.01	Pass		
	2682.5		1	0	23.06	0.00	23.06	<=33.01	Pass	
				38	23.49	0.00	23.49	<=33.01	Pass	
74				23.09	0.00	23.09	<=33.01	Pass		
36			0	22.47	0.00	22.47	<=33.01	Pass		
			18	22.38	0.00	22.38	<=33.01	Pass		
			39	22.25	0.00	22.25	<=33.01	Pass		
75			0	22.40	0.00	22.40	<=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	21.99	0.00	21.99	<=33.01	Pass		
			50	22.55	0.00	22.55	<=33.01	Pass		
			99	22.17	0.00	22.17	<=33.01	Pass		
		50	0	21.36	0.00	21.36	<=33.01	Pass		
			25	21.34	0.00	21.34	<=33.01	Pass		
			50	21.30	0.00	21.30	<=33.01	Pass		
		100	0	21.40	0.00	21.40	<=33.01	Pass		
		2593	1	0	23.02	0.00	23.02	<=33.01	Pass	
				50	23.72	0.00	23.72	<=33.01	Pass	
	99			23.37	0.00	23.37	<=33.01	Pass		
	50		0	22.50	0.00	22.50	<=33.01	Pass		
			25	22.55	0.00	22.55	<=33.01	Pass		
			50	22.51	0.00	22.51	<=33.01	Pass		
	100		0	22.49	0.00	22.49	<=33.01	Pass		
	2680		1	0	24.17	0.00	24.17	<=33.01	Pass	
				50	24.64	0.00	24.64	<=33.01	Pass	
		99		24.03	0.00	24.03	<=33.01	Pass		
		50	0	23.55	0.00	23.55	<=33.01	Pass		
			25	23.38	0.00	23.38	<=33.01	Pass		
			50	23.25	0.00	23.25	<=33.01	Pass		
		100	0	23.39	0.00	23.39	<=33.01	Pass		
		16QAM	2506	1	0	20.61	0.00	20.61	<=33.01	Pass
					50	21.41	0.00	21.41	<=33.01	Pass
	99				21.24	0.00	21.24	<=33.01	Pass	
50	0			20.41	0.00	20.41	<=33.01	Pass		
	25			20.32	0.00	20.32	<=33.01	Pass		
	50			20.31	0.00	20.31	<=33.01	Pass		
100	0			20.34	0.00	20.34	<=33.01	Pass		
2593	1			0	21.81	0.00	21.81	<=33.01	Pass	
				50	22.42	0.00	22.42	<=33.01	Pass	
			99	22.39	0.00	22.39	<=33.01	Pass		
	50		0	21.36	0.00	21.36	<=33.01	Pass		
			25	21.50	0.00	21.50	<=33.01	Pass		
			50	21.41	0.00	21.41	<=33.01	Pass		
	100		0	21.43	0.00	21.43	<=33.01	Pass		
	2680		1	0	23.32	0.00	23.32	<=33.01	Pass	
				50	23.54	0.00	23.54	<=33.01	Pass	
99				22.88	0.00	22.88	<=33.01	Pass		
50			0	22.52	0.00	22.52	<=33.01	Pass		
			25	22.35	0.00	22.35	<=33.01	Pass		
			50	22.17	0.00	22.17	<=33.01	Pass		
100			0	22.34	0.00	22.34	<=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	-1.888	-0.0008	-2.5 to 2.5	Pass
					3.85	-45.419	-0.0182	-2.5 to 2.5	Pass
					4.43	-47.278	-0.0189	-2.5 to 2.5	Pass
				-30	3.85	-35.205	-0.0141	-2.5 to 2.5	Pass
				-20	3.85	-47.364	-0.0190	-2.5 to 2.5	Pass
				-10	3.85	-41.356	-0.0166	-2.5 to 2.5	Pass
				0	3.85	-37.007	-0.0148	-2.5 to 2.5	Pass
				10	3.85	-40.255	-0.0161	-2.5 to 2.5	Pass
				30	3.85	-41.671	-0.0167	-2.5 to 2.5	Pass
				40	3.85	-63.071	-0.0252	-2.5 to 2.5	Pass
	50	3.85	-62.056	-0.0248	-2.5 to 2.5	Pass			
	2593	25	0	20	3.27	7.238	0.0028	-2.5 to 2.5	Pass
					3.85	-23.389	-0.0090	-2.5 to 2.5	Pass
					4.43	-23.675	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-14.963	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-14.162	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-21.915	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-25.635	-0.0099	-2.5 to 2.5	Pass
				10	3.85	-30.484	-0.0118	-2.5 to 2.5	Pass
				30	3.85	-26.164	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-16.007	-0.0062	-2.5 to 2.5	Pass
	50	3.85	-17.524	-0.0068	-2.5 to 2.5	Pass			
	2687.5	25	0	20	3.27	9.584	0.0036	-2.5 to 2.5	Pass
					3.85	-19.913	-0.0074	-2.5 to 2.5	Pass
					4.43	-11.244	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-12.417	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-12.846	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-12.202	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-15.392	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-15.893	-0.0059	-2.5 to 2.5	Pass
30				3.85	-18.840	-0.0070	-2.5 to 2.5	Pass	
40				3.85	-9.184	-0.0034	-2.5 to 2.5	Pass	
50	3.85	-13.103	-0.0049	-2.5 to 2.5	Pass				
16QAM	2498.5	25	0	20	3.27	-56.248	-0.0225	-2.5 to 2.5	Pass
					3.85	-50.755	-0.0203	-2.5 to 2.5	Pass
					4.43	-55.361	-0.0222	-2.5 to 2.5	Pass
				-30	3.85	-44.403	-0.0178	-2.5 to 2.5	Pass
				-20	3.85	-42.171	-0.0169	-2.5 to 2.5	Pass
				-10	3.85	-40.770	-0.0163	-2.5 to 2.5	Pass
				0	3.85	-70.224	-0.0281	-2.5 to 2.5	Pass
				10	3.85	-54.274	-0.0217	-2.5 to 2.5	Pass
				30	3.85	-56.190	-0.0225	-2.5 to 2.5	Pass
				40	3.85	-51.498	-0.0206	-2.5 to 2.5	Pass
	50	3.85	-54.388	-0.0218	-2.5 to 2.5	Pass			
	2593	25	0	20	3.27	-26.608	-0.0103	-2.5 to 2.5	Pass
					3.85	-18.468	-0.0071	-2.5 to 2.5	Pass
					4.43	-18.511	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-15.836	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-14.133	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-13.504	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				10	3.85	5.765	0.0022	-2.5 to 2.5	Pass

				30	3.85	3.519	0.0014	-2.5 to 2.5	Pass
				40	3.85	6.580	0.0025	-2.5 to 2.5	Pass
				50	3.85	4.792	0.0018	-2.5 to 2.5	Pass
				20	3.27	-13.590	-0.0051	-2.5 to 2.5	Pass
					3.85	-4.048	-0.0015	-2.5 to 2.5	Pass
	4.43	-4.578	-0.0017		-2.5 to 2.5	Pass			
	-30	3.85	-0.572	-0.0002	-2.5 to 2.5	Pass			
	-20	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass			
	-10	3.85	1.345	0.0005	-2.5 to 2.5	Pass			
	0	3.85	6.595	0.0025	-2.5 to 2.5	Pass			
	10	3.85	-1.831	-0.0007	-2.5 to 2.5	Pass			
	30	3.85	7.324	0.0027	-2.5 to 2.5	Pass			
	40	3.85	8.512	0.0032	-2.5 to 2.5	Pass			
	50	3.85	6.709	0.0025	-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	-7.668	-0.0031	-2.5 to 2.5	Pass			
					3.85	-4.320	-0.0017	-2.5 to 2.5	Pass			
					4.43	-0.215	-0.0001	-2.5 to 2.5	Pass			
				-30	3.85	-3.934	-0.0016	-2.5 to 2.5	Pass			
				-20	3.85	-5.536	-0.0022	-2.5 to 2.5	Pass			
				-10	3.85	-3.233	-0.0013	-2.5 to 2.5	Pass			
				0	3.85	-5.879	-0.0024	-2.5 to 2.5	Pass			
				10	3.85	-2.904	-0.0012	-2.5 to 2.5	Pass			
				30	3.85	3.490	0.0014	-2.5 to 2.5	Pass			
				40	3.85	-2.847	-0.0011	-2.5 to 2.5	Pass			
				50	3.85	-4.063	-0.0016	-2.5 to 2.5	Pass			
				2593	50	0	20	3.27	-17.095	-0.0066	-2.5 to 2.5	Pass
								3.85	-0.086	0.0000	-2.5 to 2.5	Pass
								4.43	1.330	0.0005	-2.5 to 2.5	Pass
							-30	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
	-20	3.85	0.558				0.0002	-2.5 to 2.5	Pass			
	-10	3.85	-0.243				-0.0001	-2.5 to 2.5	Pass			
	0	3.85	-4.535				-0.0017	-2.5 to 2.5	Pass			
	10	3.85	-0.744				-0.0003	-2.5 to 2.5	Pass			
	30	3.85	0.758				0.0003	-2.5 to 2.5	Pass			
	40	3.85	2.747	0.0011	-2.5 to 2.5	Pass						
	50	3.85	-2.189	-0.0008	-2.5 to 2.5	Pass						
	2685	50	0	20	3.27	-10.328	-0.0038	-2.5 to 2.5	Pass			
					3.85	-3.448	-0.0013	-2.5 to 2.5	Pass			
					4.43	7.982	0.0030	-2.5 to 2.5	Pass			
				-30	3.85	-0.758	-0.0003	-2.5 to 2.5	Pass			
				-20	3.85	6.337	0.0024	-2.5 to 2.5	Pass			
				-10	3.85	2.532	0.0009	-2.5 to 2.5	Pass			
				0	3.85	0.114	0.0000	-2.5 to 2.5	Pass			
				10	3.85	-2.146	-0.0008	-2.5 to 2.5	Pass			

				30	3.85	5.636	0.0021	-2.5 to 2.5	Pass
				40	3.85	5.236	0.0020	-2.5 to 2.5	Pass
				50	3.85	5.693	0.0021	-2.5 to 2.5	Pass
16QAM	2501	50	0	20	3.27	-0.458	-0.0002	-2.5 to 2.5	Pass
					3.85	-7.796	-0.0031	-2.5 to 2.5	Pass
					4.43	-3.176	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-8.640	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-0.601	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-4.678	-0.0019	-2.5 to 2.5	Pass
				0	3.85	0.486	0.0002	-2.5 to 2.5	Pass
				10	3.85	-3.018	-0.0012	-2.5 to 2.5	Pass
				30	3.85	1.059	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.659	0.0007	-2.5 to 2.5	Pass
	50	3.85	1.903	0.0008	-2.5 to 2.5	Pass			
	2593	50	0	20	3.27	3.290	0.0013	-2.5 to 2.5	Pass
					3.85	-5.779	-0.0022	-2.5 to 2.5	Pass
					4.43	0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-4.492	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-0.114	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-5.536	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-2.532	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.101	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-6.251	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-5.994	-0.0023	-2.5 to 2.5	Pass
	50	3.85	-3.204	-0.0012	-2.5 to 2.5	Pass			
	2685	50	0	20	3.27	6.409	0.0024	-2.5 to 2.5	Pass
					3.85	3.247	0.0012	-2.5 to 2.5	Pass
					4.43	0.572	0.0002	-2.5 to 2.5	Pass
				-30	3.85	4.721	0.0018	-2.5 to 2.5	Pass
				-20	3.85	-0.658	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-7.067	-0.0026	-2.5 to 2.5	Pass
				0	3.85	2.589	0.0010	-2.5 to 2.5	Pass
				10	3.85	-3.304	-0.0012	-2.5 to 2.5	Pass
30				3.85	-0.715	-0.0003	-2.5 to 2.5	Pass	
40				3.85	-4.077	-0.0015	-2.5 to 2.5	Pass	
50	3.85	5.951	0.0022	-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	-9.627	-0.0038	-2.5 to 2.5	Pass
					3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
					4.43	-5.279	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-6.337	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-8.984	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-20.599	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-3.591	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-4.935	-0.0020	-2.5 to 2.5	Pass

	2593	75	0	30	3.85	-6.108	-0.0024	-2.5 to 2.5	Pass				
				40	3.85	-9.127	-0.0036	-2.5 to 2.5	Pass				
				50	3.85	-7.939	-0.0032	-2.5 to 2.5	Pass				
				20	3.27	-16.837	-0.0065	-2.5 to 2.5	Pass				
					3.85	5.608	0.0022	-2.5 to 2.5	Pass				
					4.43	1.731	0.0007	-2.5 to 2.5	Pass				
				-30	3.85	-2.146	-0.0008	-2.5 to 2.5	Pass				
				-20	3.85	4.950	0.0019	-2.5 to 2.5	Pass				
				-10	3.85	4.907	0.0019	-2.5 to 2.5	Pass				
				0	3.85	4.206	0.0016	-2.5 to 2.5	Pass				
				10	3.85	0.000	0.0000	-2.5 to 2.5	Pass				
				30	3.85	1.960	0.0008	-2.5 to 2.5	Pass				
				40	3.85	3.376	0.0013	-2.5 to 2.5	Pass				
				50	3.85	1.245	0.0005	-2.5 to 2.5	Pass				
				2682.5	75	0	20	3.27	-9.785	-0.0036	-2.5 to 2.5	Pass	
	3.85	5.264	0.0020					-2.5 to 2.5	Pass				
	4.43	7.124	0.0027					-2.5 to 2.5	Pass				
	-30	3.85	-3.562				-0.0013	-2.5 to 2.5	Pass				
	-20	3.85	3.891				0.0015	-2.5 to 2.5	Pass				
	-10	3.85	4.334				0.0016	-2.5 to 2.5	Pass				
	0	3.85	1.388				0.0005	-2.5 to 2.5	Pass				
	10	3.85	8.211				0.0031	-2.5 to 2.5	Pass				
	30	3.85	6.280				0.0023	-2.5 to 2.5	Pass				
	40	3.85	6.480				0.0024	-2.5 to 2.5	Pass				
	50	3.85	7.339				0.0027	-2.5 to 2.5	Pass				
	16QAM	2503.5	75				0	20	3.27	16.251	0.0065	-2.5 to 2.5	Pass
									3.85	-7.567	-0.0030	-2.5 to 2.5	Pass
									4.43	-1.817	-0.0007	-2.5 to 2.5	Pass
								-30	3.85	-7.997	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-7.496		-0.0030	-2.5 to 2.5	Pass			
-10				3.85	0.701	0.0003		-2.5 to 2.5	Pass				
0				3.85	-1.674	-0.0007		-2.5 to 2.5	Pass				
10				3.85	-5.779	-0.0023		-2.5 to 2.5	Pass				
30				3.85	-9.956	-0.0040		-2.5 to 2.5	Pass				
40				3.85	-5.078	-0.0020		-2.5 to 2.5	Pass				
50				3.85	-12.717	-0.0051		-2.5 to 2.5	Pass				
2593				75	0	20		3.27	3.805	0.0015	-2.5 to 2.5	Pass	
								3.85	5.579	0.0022	-2.5 to 2.5	Pass	
								4.43	5.794	0.0022	-2.5 to 2.5	Pass	
						-30		3.85	3.519	0.0014	-2.5 to 2.5	Pass	
		-20	3.85			4.778	0.0018	-2.5 to 2.5	Pass				
		-10	3.85			-2.174	-0.0008	-2.5 to 2.5	Pass				
		0	3.85			1.402	0.0005	-2.5 to 2.5	Pass				
		10	3.85			5.078	0.0020	-2.5 to 2.5	Pass				
		30	3.85			3.419	0.0013	-2.5 to 2.5	Pass				
		40	3.85			4.349	0.0017	-2.5 to 2.5	Pass				
		50	3.85			0.458	0.0002	-2.5 to 2.5	Pass				
		2682.5	75			0	20	3.27	4.835	0.0018	-2.5 to 2.5	Pass	
								3.85	6.824	0.0025	-2.5 to 2.5	Pass	
								4.43	2.675	0.0010	-2.5 to 2.5	Pass	
							-30	3.85	-2.003	-0.0007	-2.5 to 2.5	Pass	
-20				3.85	6.580		0.0025	-2.5 to 2.5	Pass				
-10				3.85	6.437		0.0024	-2.5 to 2.5	Pass				
0				3.85	3.133		0.0012	-2.5 to 2.5	Pass				
10				3.85	1.245		0.0005	-2.5 to 2.5	Pass				



				30	3.85	-0.701	-0.0003	-2.5 to 2.5	Pass
				40	3.85	2.375	0.0009	-2.5 to 2.5	Pass
				50	3.85	5.651	0.0021	-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	-8.698	-0.0035	-2.5 to 2.5	Pass	
					3.85	-2.074	-0.0008	-2.5 to 2.5	Pass	
					4.43	-7.825	-0.0031	-2.5 to 2.5	Pass	
				-30	3.85	-8.512	-0.0034	-2.5 to 2.5	Pass	
					-20	3.85	-2.332	-0.0009	-2.5 to 2.5	Pass
						-10	3.85	-3.061	-0.0012	-2.5 to 2.5
				0	3.85	-7.696	-0.0031	-2.5 to 2.5	Pass	
					10	3.85	-3.190	-0.0013	-2.5 to 2.5	Pass
					30	3.85	-4.849	-0.0019	-2.5 to 2.5	Pass
	40	3.85	-5.693		-0.0023	-2.5 to 2.5	Pass			
	50	3.85	-2.775		-0.0011	-2.5 to 2.5	Pass			
	2593	100	0	20	3.27	-12.002	-0.0046	-2.5 to 2.5	Pass	
					3.85	1.187	0.0005	-2.5 to 2.5	Pass	
					4.43	4.878	0.0019	-2.5 to 2.5	Pass	
				-30	3.85	2.489	0.0010	-2.5 to 2.5	Pass	
					-20	3.85	-3.591	-0.0014	-2.5 to 2.5	Pass
						-10	3.85	0.901	0.0003	-2.5 to 2.5
				0	3.85	7.539	0.0029	-2.5 to 2.5	Pass	
					10	3.85	4.063	0.0016	-2.5 to 2.5	Pass
					30	3.85	2.418	0.0009	-2.5 to 2.5	Pass
	40	3.85	2.003		0.0008	-2.5 to 2.5	Pass			
	50	3.85	3.462		0.0013	-2.5 to 2.5	Pass			
	2680	100	0	20	3.27	-7.138	-0.0027	-2.5 to 2.5	Pass	
					3.85	0.215	0.0001	-2.5 to 2.5	Pass	
					4.43	6.008	0.0022	-2.5 to 2.5	Pass	
				-30	3.85	-3.033	-0.0011	-2.5 to 2.5	Pass	
					-20	3.85	3.190	0.0012	-2.5 to 2.5	Pass
-10						3.85	-1.016	-0.0004	-2.5 to 2.5	Pass
0				3.85	6.924	0.0026	-2.5 to 2.5	Pass		
				10	3.85	3.705	0.0014	-2.5 to 2.5	Pass	
				30	3.85	0.830	0.0003	-2.5 to 2.5	Pass	
	40	3.85	3.719	0.0014	-2.5 to 2.5	Pass				
	50	3.85	2.818	0.0011	-2.5 to 2.5	Pass				
16QAM	2506	100	0	20	3.27	-1.388	-0.0006	-2.5 to 2.5	Pass	
					3.85	-0.687	-0.0003	-2.5 to 2.5	Pass	
					4.43	-10.557	-0.0042	-2.5 to 2.5	Pass	
				-30	3.85	-5.565	-0.0022	-2.5 to 2.5	Pass	
					-20	3.85	-2.403	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.287	-0.0005	-2.5 to 2.5	Pass	
0	3.85	-6.781	-0.0027	-2.5 to 2.5	Pass					
10	3.85	-6.924	-0.0028	-2.5 to 2.5	Pass					

	2593	100	0	30	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-10.014	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-2.375	-0.0009	-2.5 to 2.5	Pass
				20	3.27	-5.250	-0.0020	-2.5 to 2.5	Pass
					3.85	-2.646	-0.0010	-2.5 to 2.5	Pass
					4.43	3.705	0.0014	-2.5 to 2.5	Pass
				-30	3.85	2.460	0.0009	-2.5 to 2.5	Pass
				-20	3.85	3.719	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				0	3.85	5.035	0.0019	-2.5 to 2.5	Pass
				10	3.85	-7.410	-0.0029	-2.5 to 2.5	Pass
				30	3.85	4.549	0.0018	-2.5 to 2.5	Pass
				40	3.85	0.501	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.715	0.0003	-2.5 to 2.5	Pass
				2680	100	0	20	3.27	3.333
	3.85	6.022	0.0022					-2.5 to 2.5	Pass
	4.43	3.762	0.0014					-2.5 to 2.5	Pass
	-30	3.85	3.762				0.0014	-2.5 to 2.5	Pass
	-20	3.85	-8.783				-0.0033	-2.5 to 2.5	Pass
	-10	3.85	0.558				0.0002	-2.5 to 2.5	Pass
	0	3.85	2.818				0.0011	-2.5 to 2.5	Pass
	10	3.85	6.981				0.0026	-2.5 to 2.5	Pass
	30	3.85	4.578				0.0017	-2.5 to 2.5	Pass
	40	3.85	-5.322	-0.0020	-2.5 to 2.5	Pass			
50	3.85	4.692	0.0018	-2.5 to 2.5	Pass				

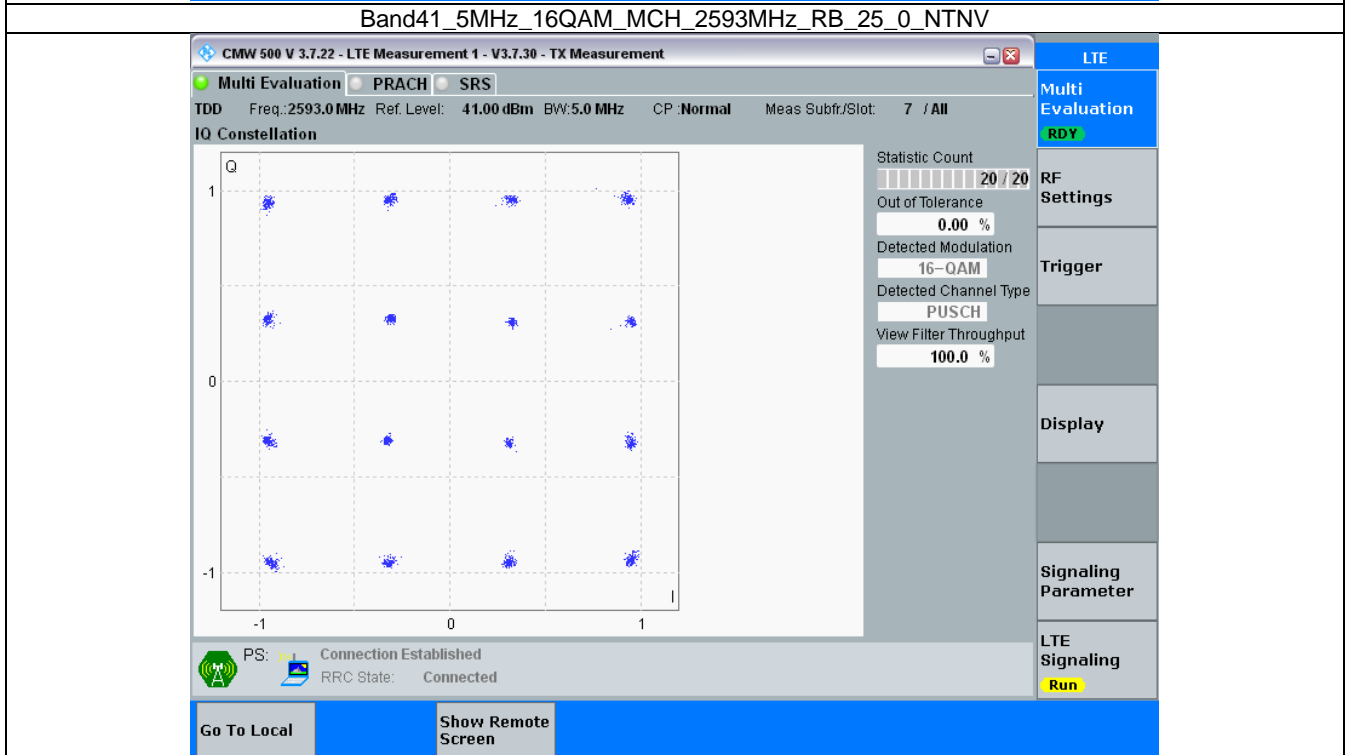
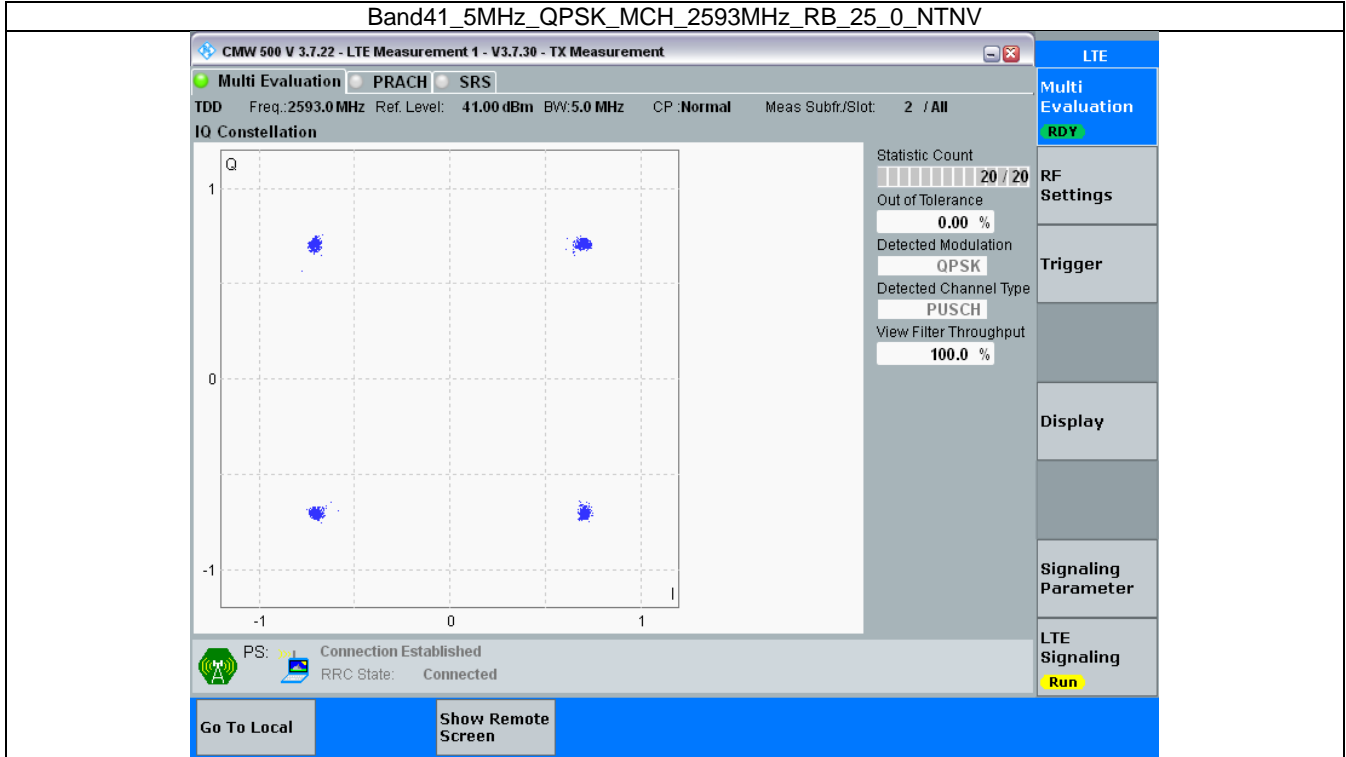
### 3. Modulation Characteristics

#### 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

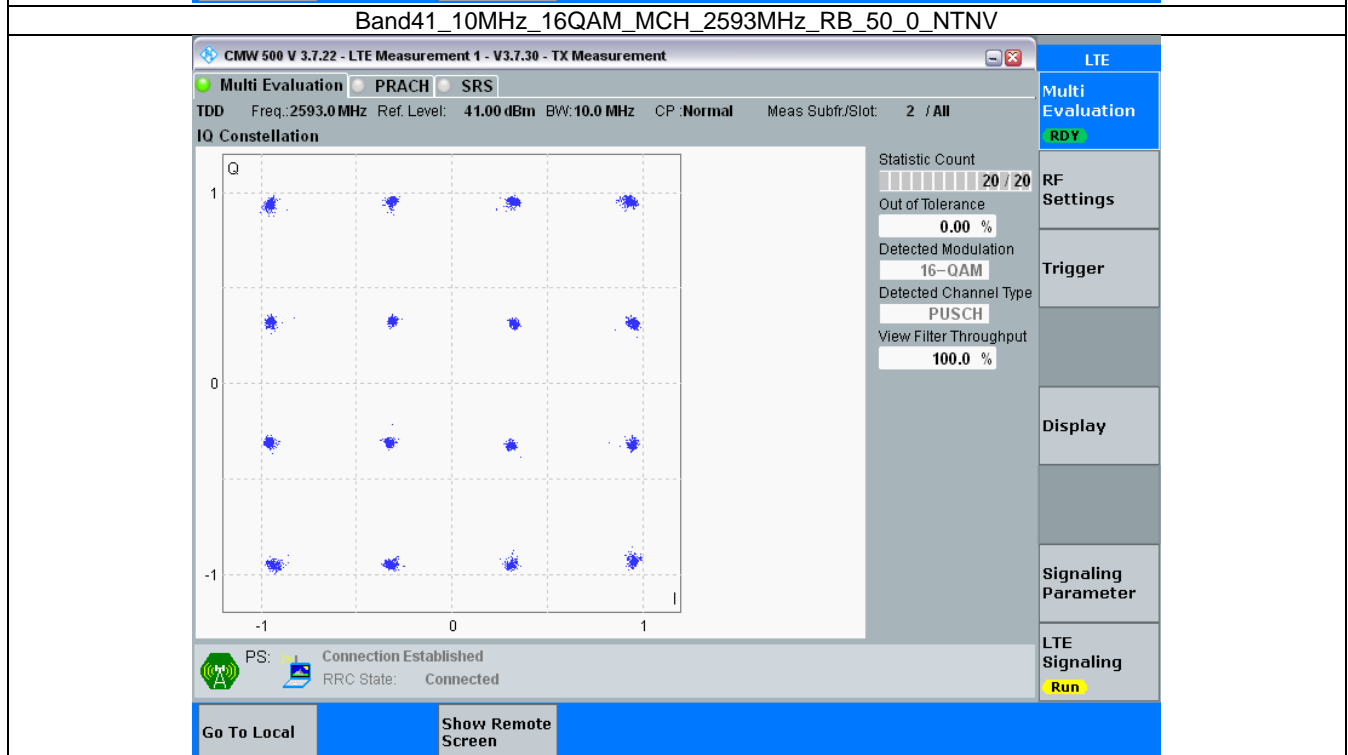
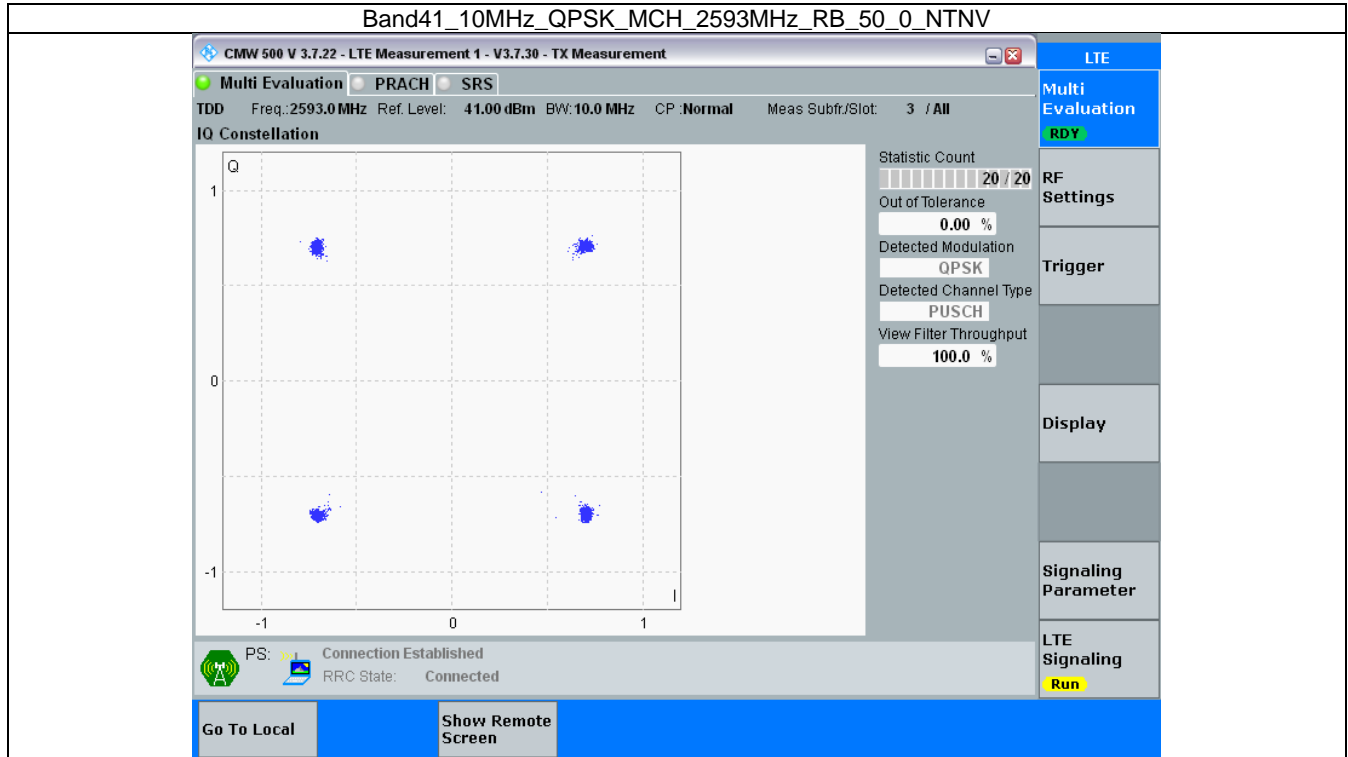


3.2 B41\_10MHz

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

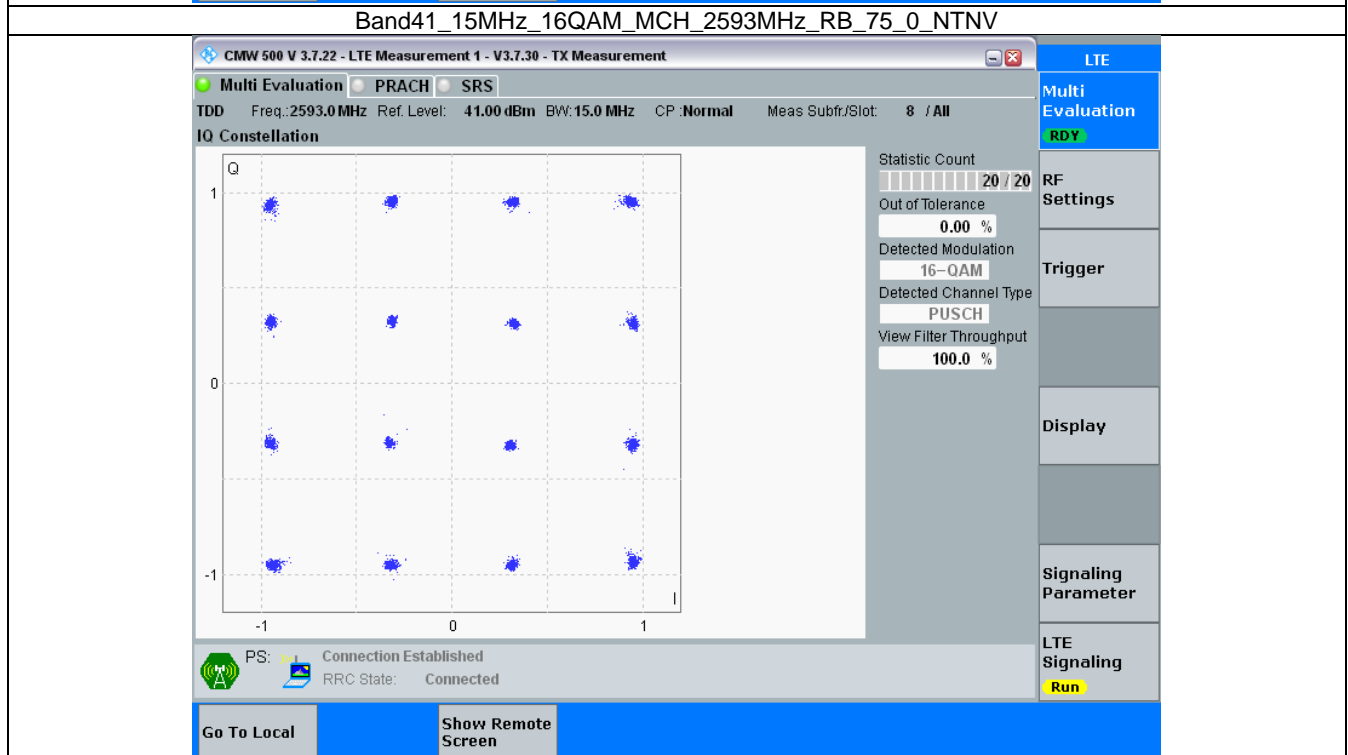
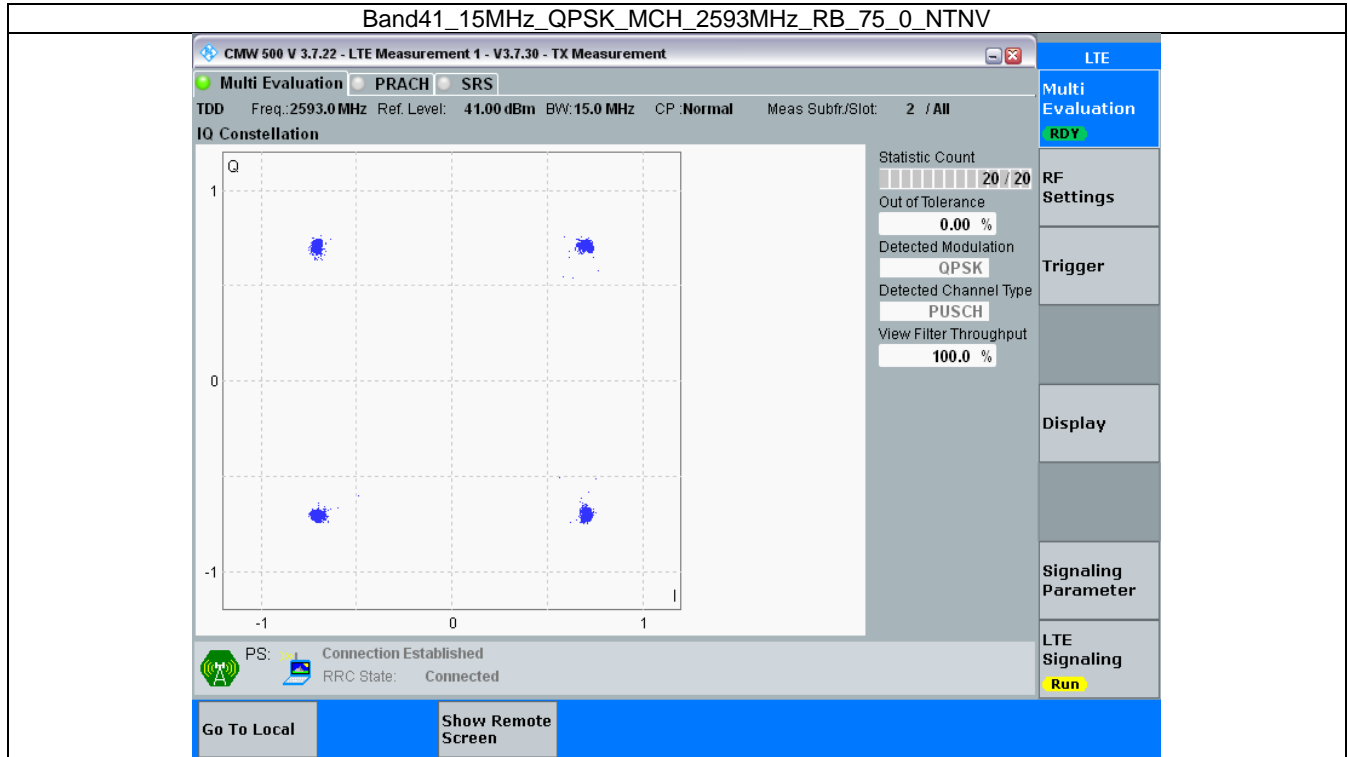


3.3 B41\_15MHz

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



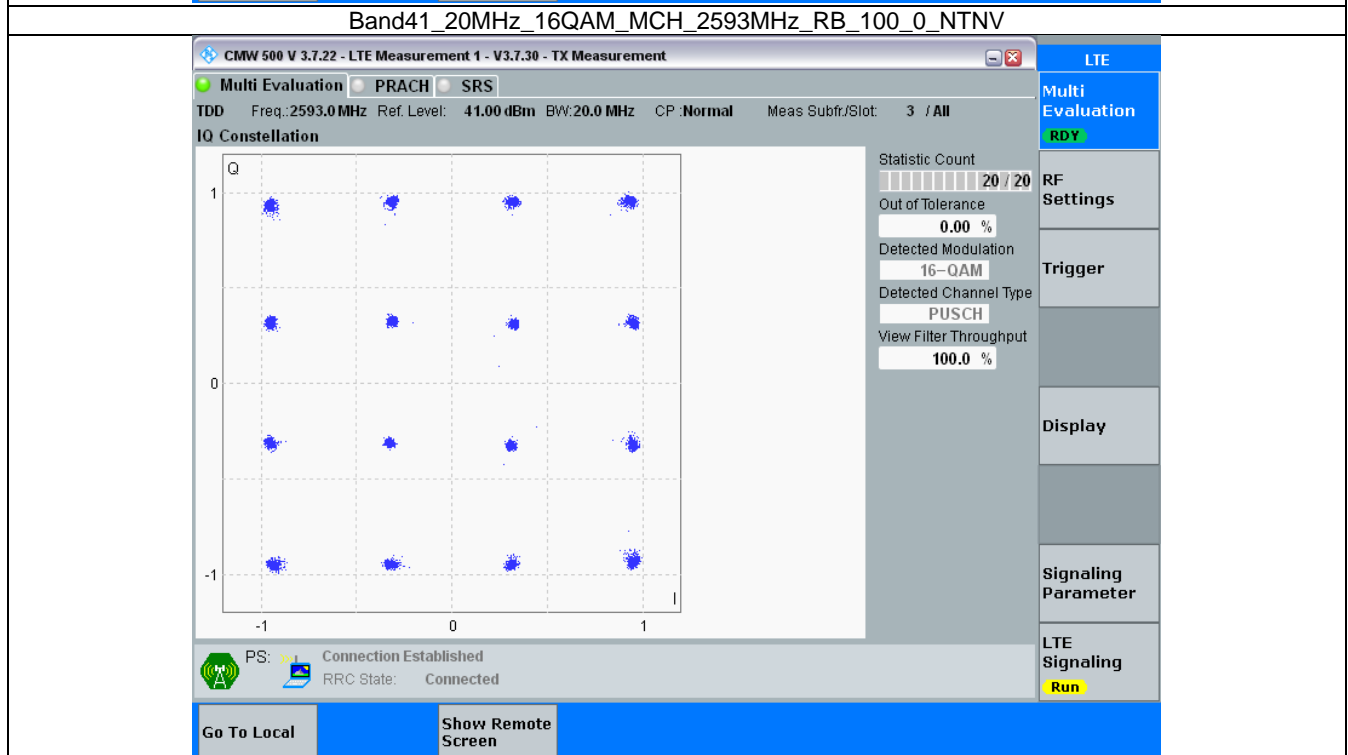
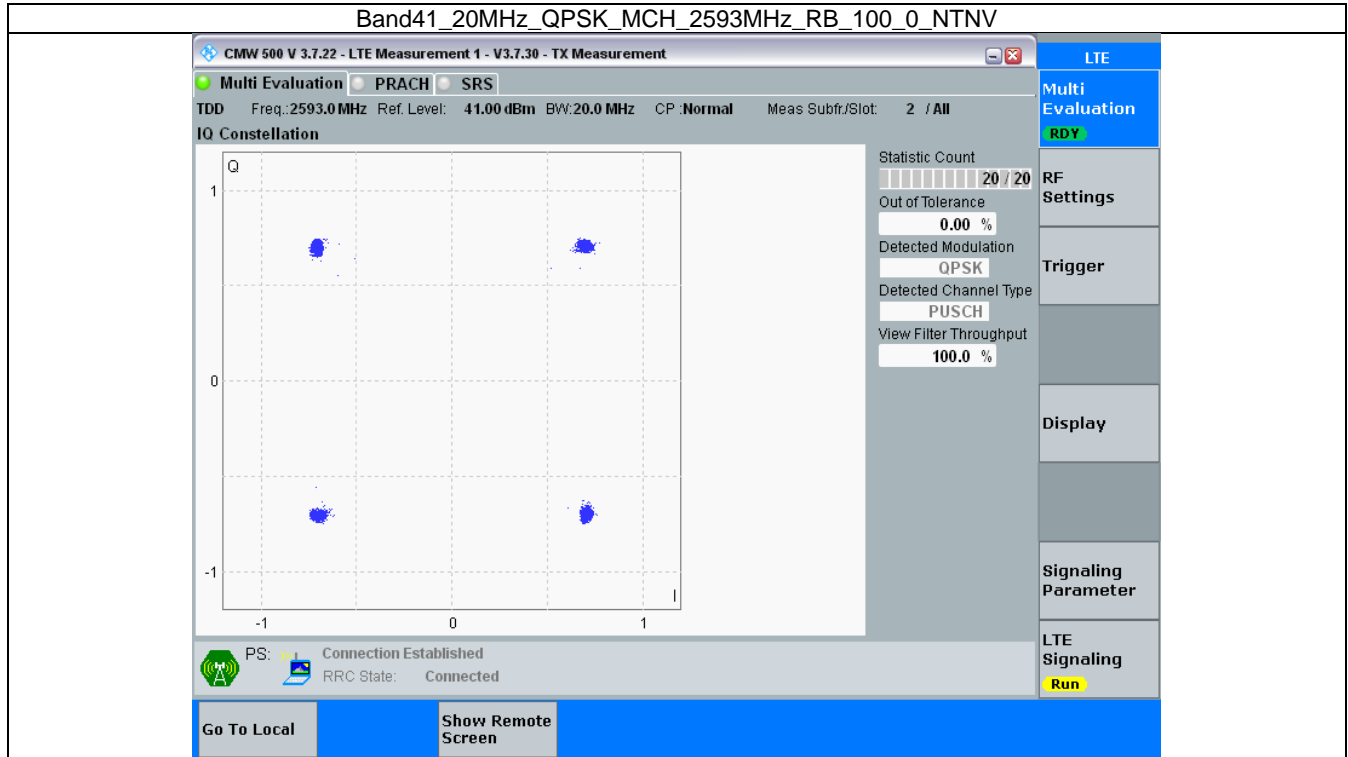
3.4 B41\_20MHz

3.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / 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



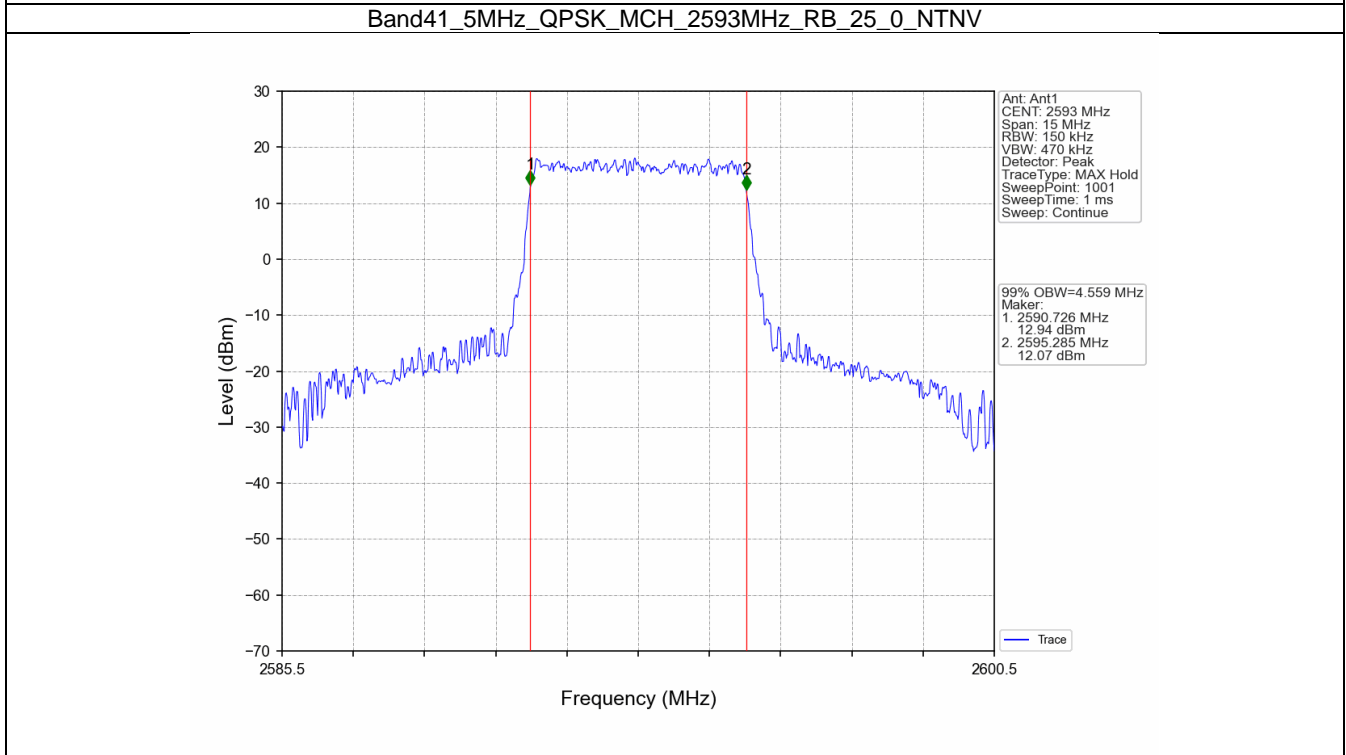
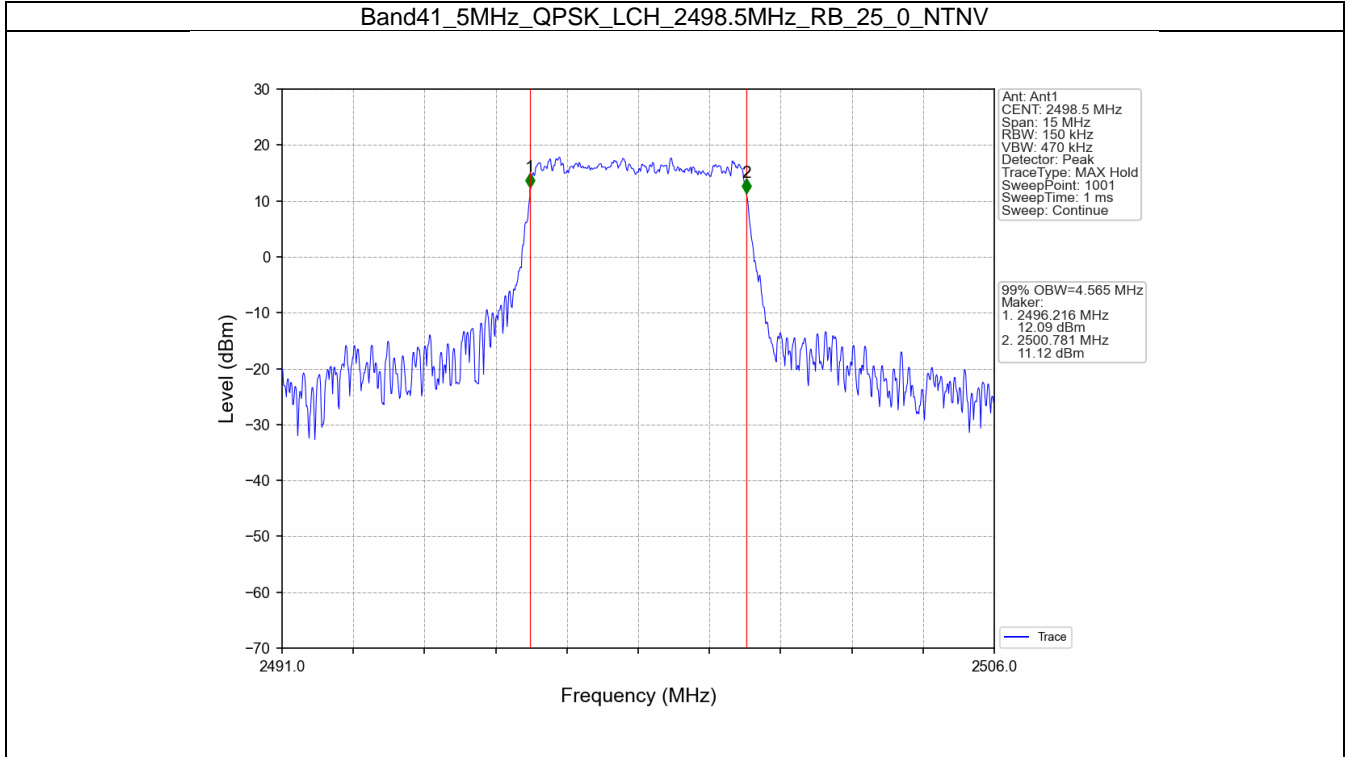
4. 99% & 26dB Bandwidth

4.1 Band41\_OBW

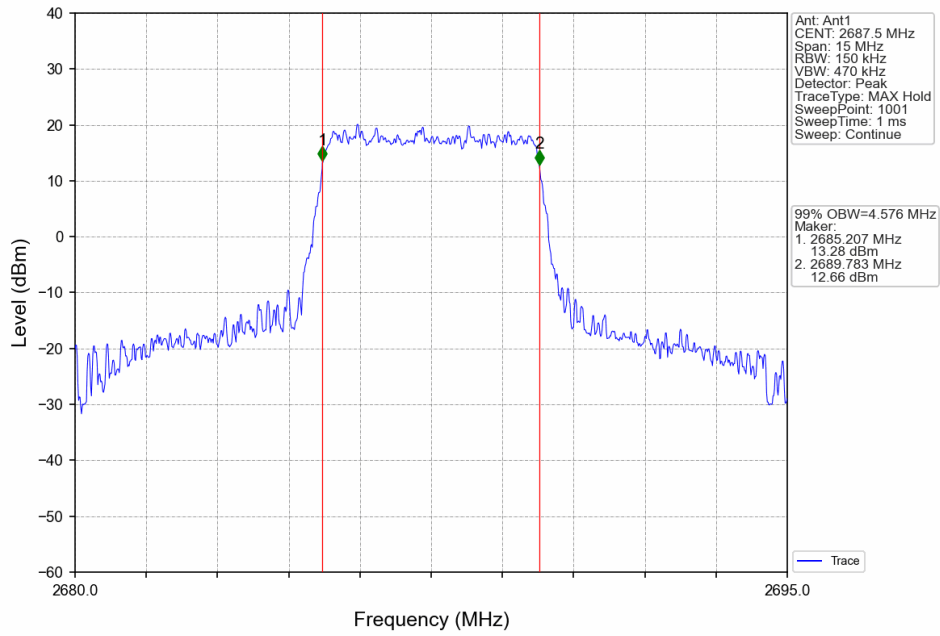
4.1.1 Test Result

Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	4.565	Pass
		2593	25	0	4.559	Pass
		2687.5	25	0	4.576	Pass
	16QAM	2498.5	25	0	4.559	Pass
		2593	25	0	4.624	Pass
		2687.5	25	0	4.579	Pass
10	QPSK	2501	50	0	9.071	Pass
		2593	50	0	9.084	Pass
		2685	50	0	9.102	Pass
	16QAM	2501	50	0	9.097	Pass
		2593	50	0	9.083	Pass
		2685	50	0	9.085	Pass
15	QPSK	2503.5	75	0	13.612	Pass
		2593	75	0	13.596	Pass
		2682.5	75	0	13.650	Pass
	16QAM	2503.5	75	0	13.710	Pass
		2593	75	0	13.650	Pass
		2682.5	75	0	13.599	Pass
20	QPSK	2506	100	0	18.205	Pass
		2593	100	0	18.132	Pass
		2680	100	0	18.166	Pass
	16QAM	2506	100	0	18.166	Pass
		2593	100	0	18.168	Pass
		2680	100	0	18.166	Pass

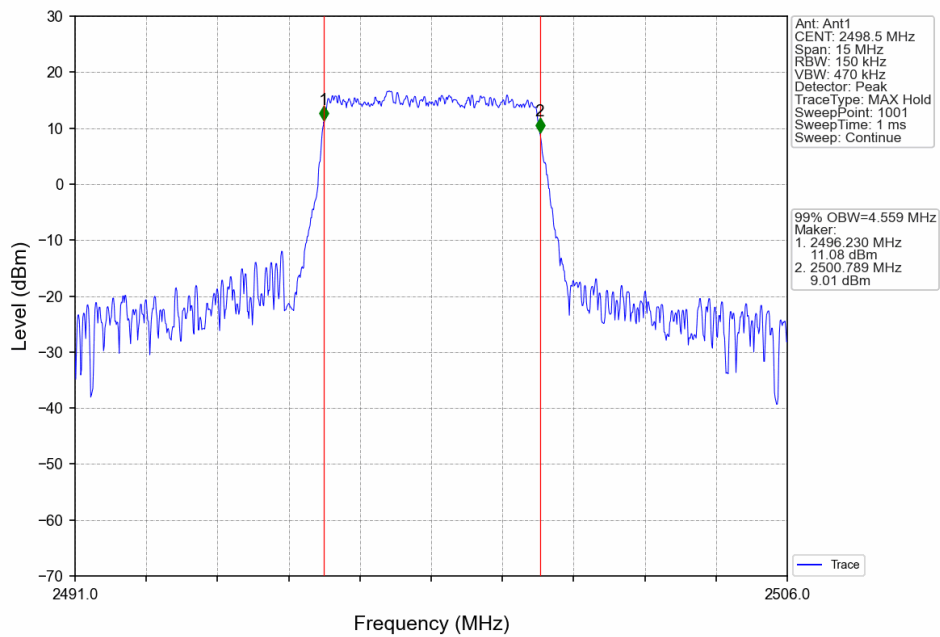
4.1.2 Test Graph



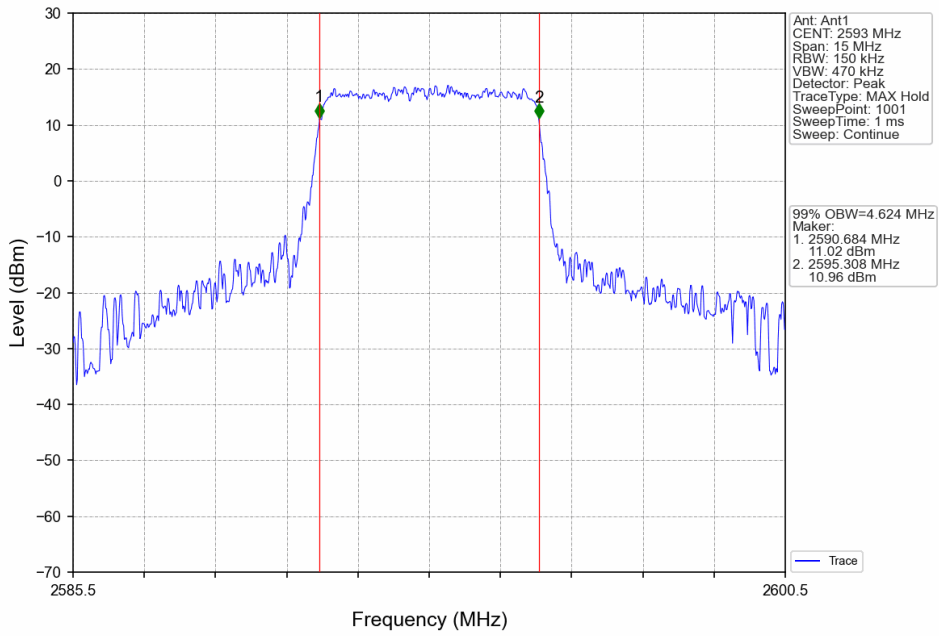
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



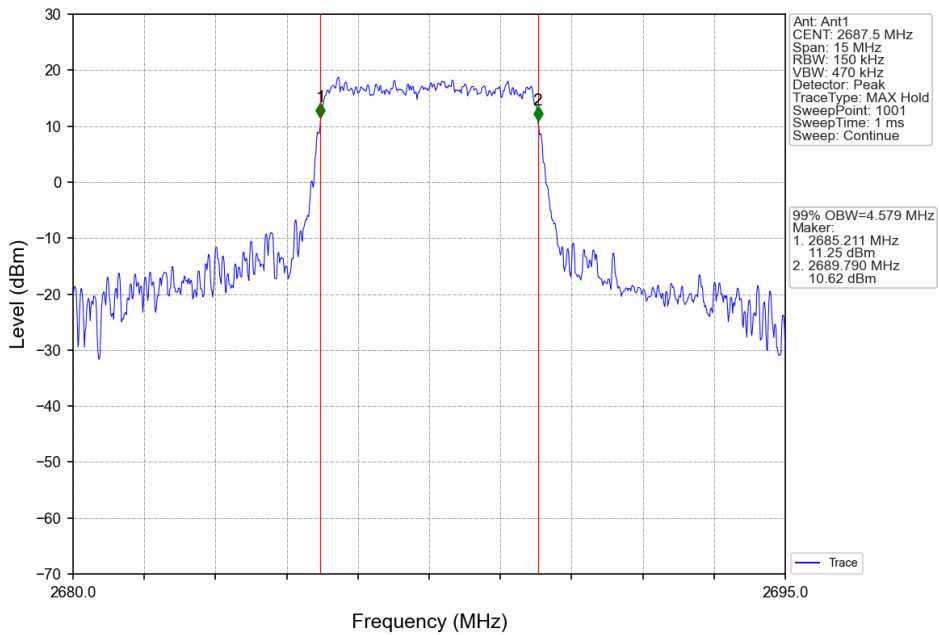
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



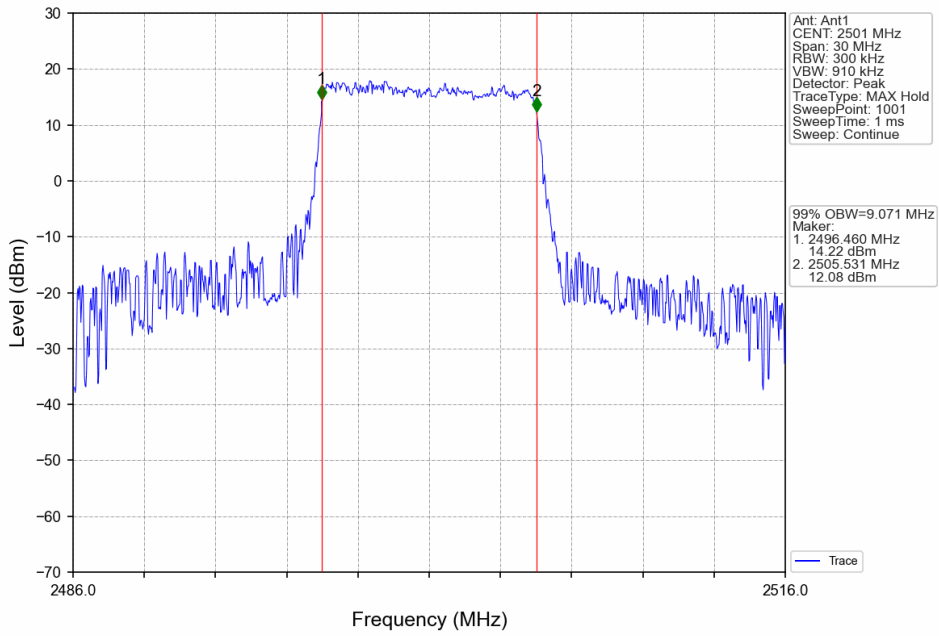
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



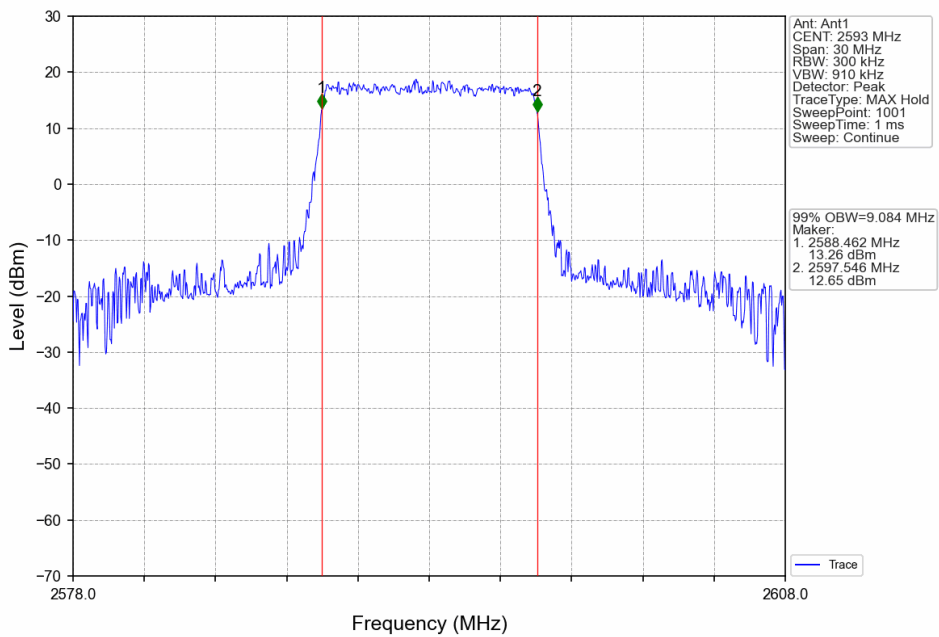
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



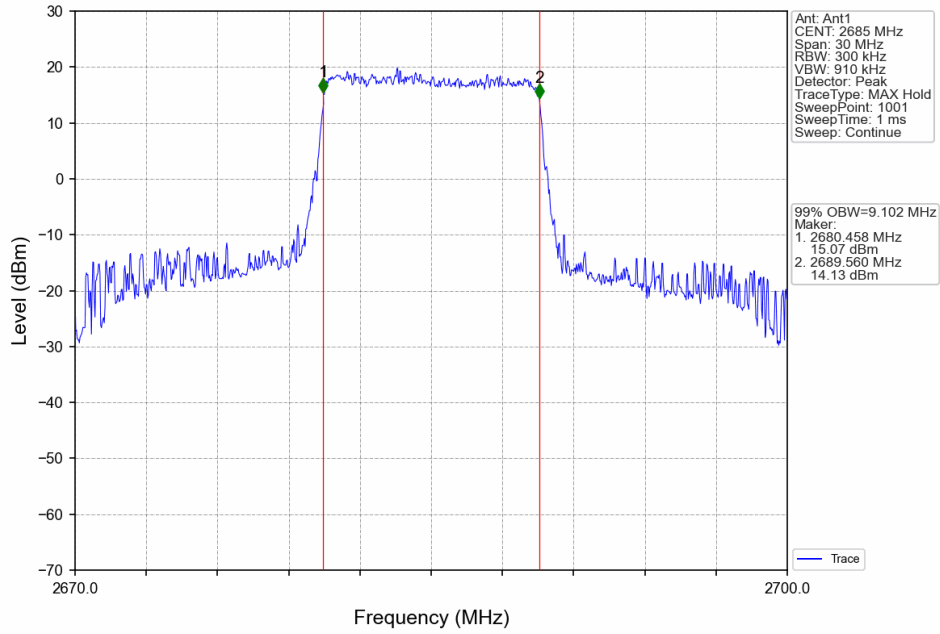
Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0\_NTNV



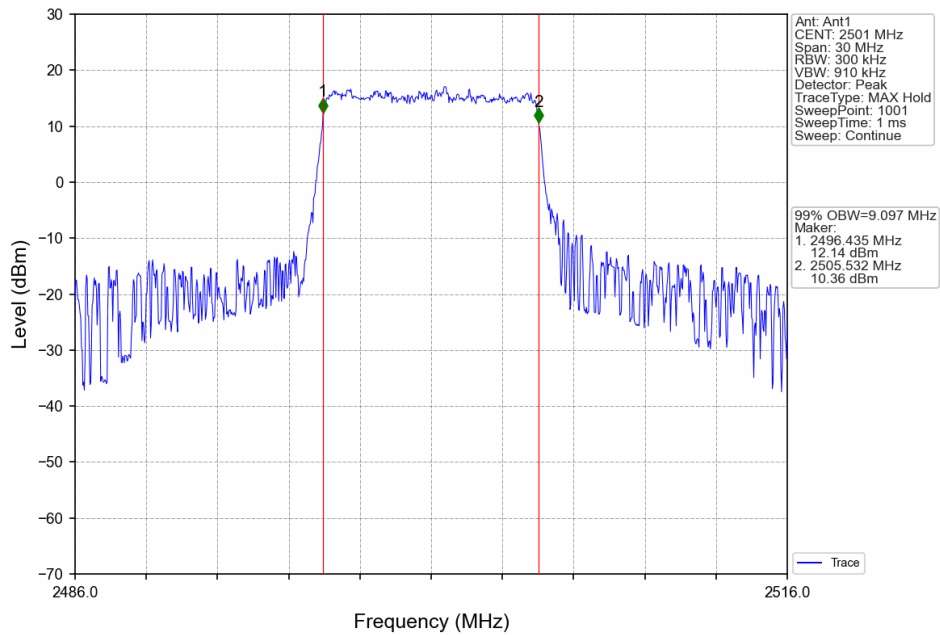
Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_50\_0\_NTNV



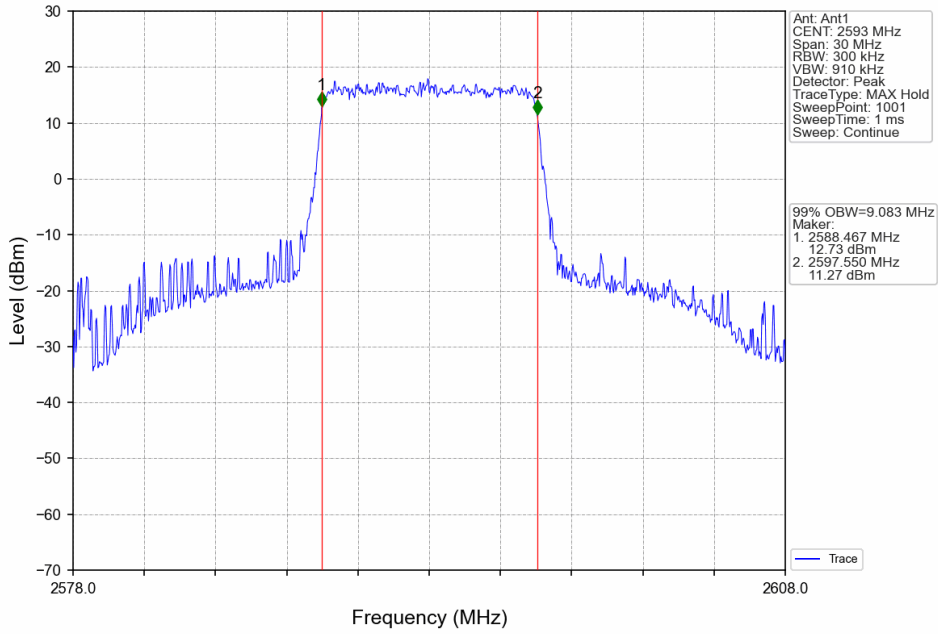
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



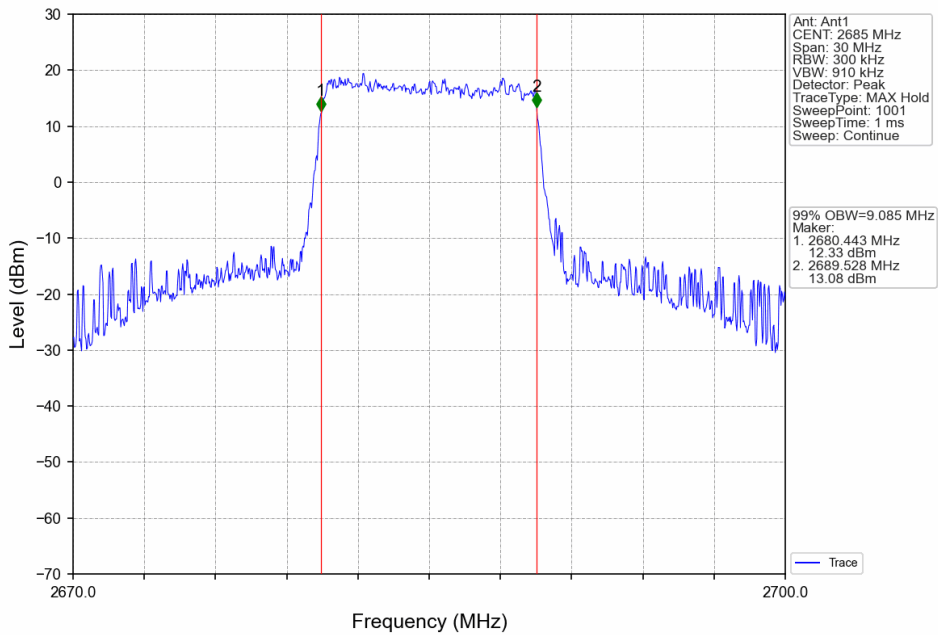
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



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

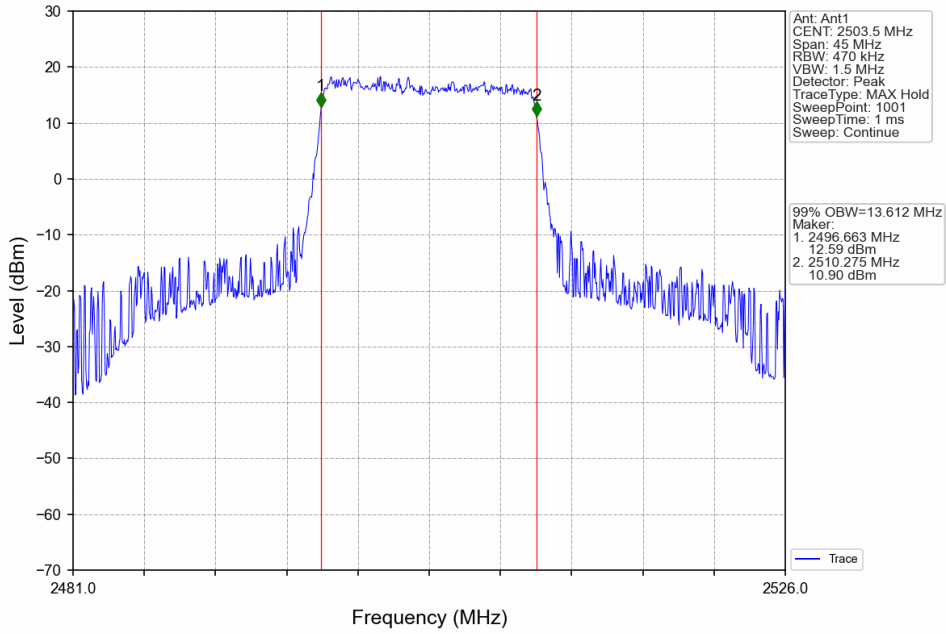


Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV

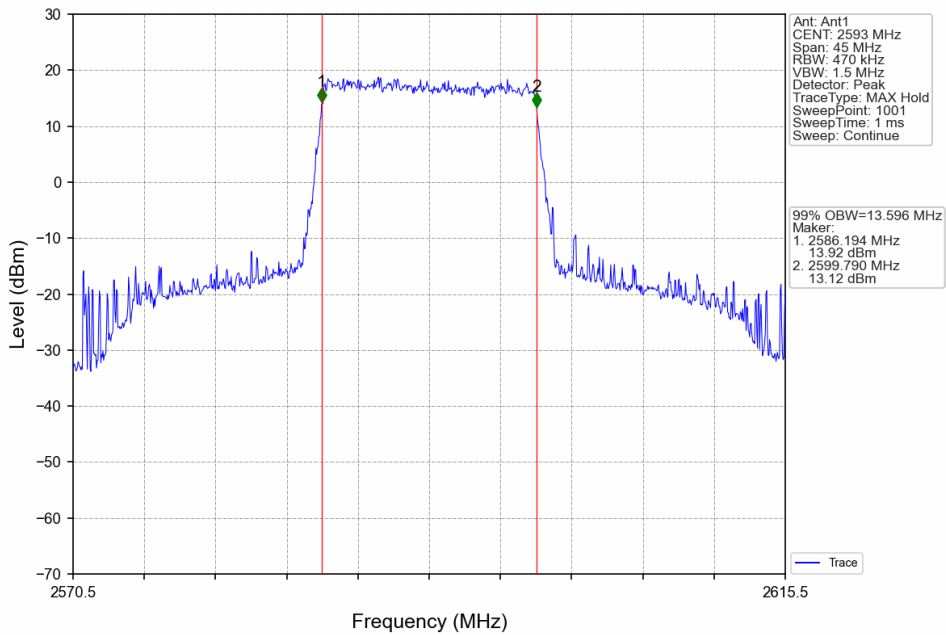




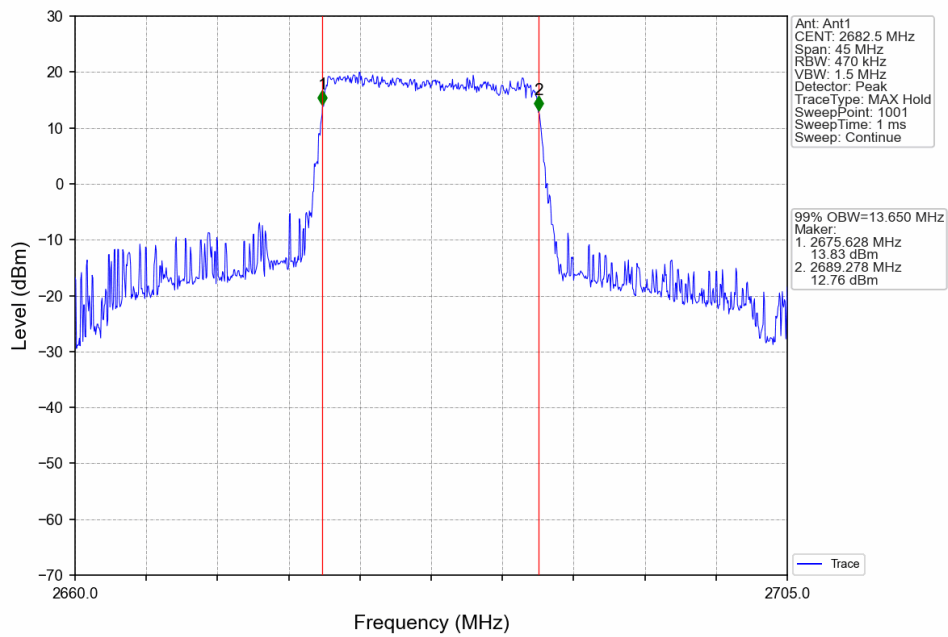
Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



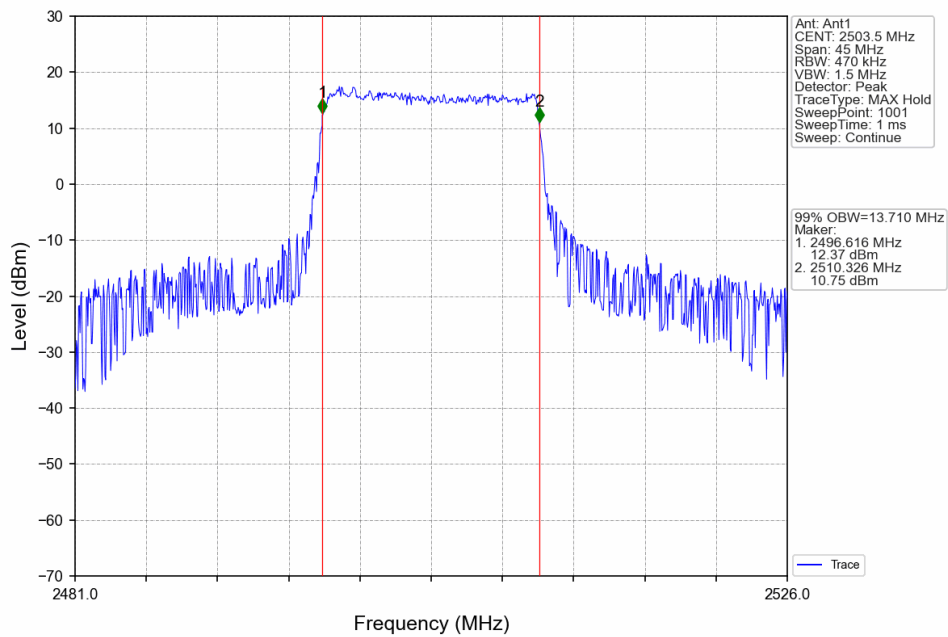
Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_75\_0\_NTNV



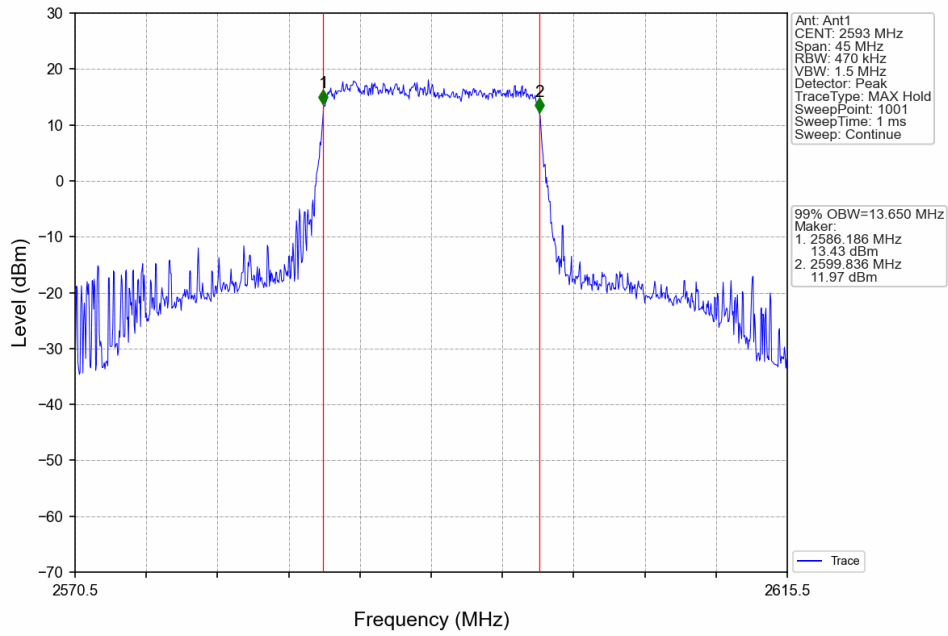
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



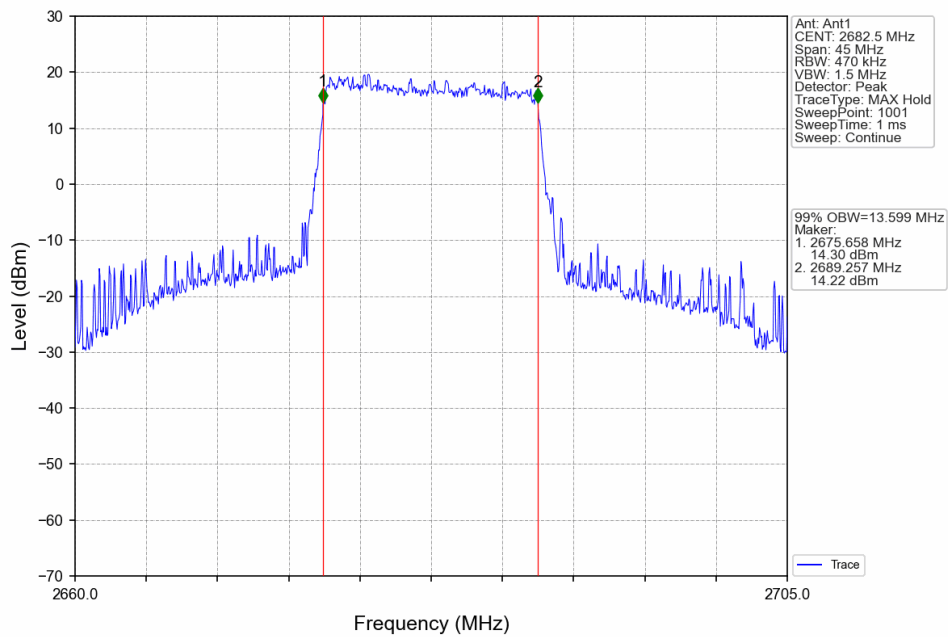
Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



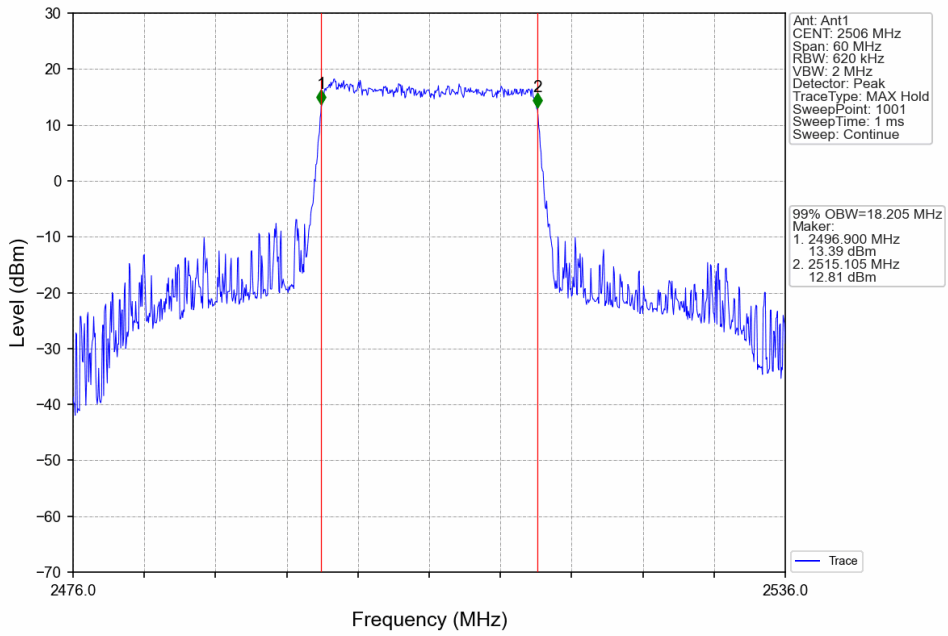
Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



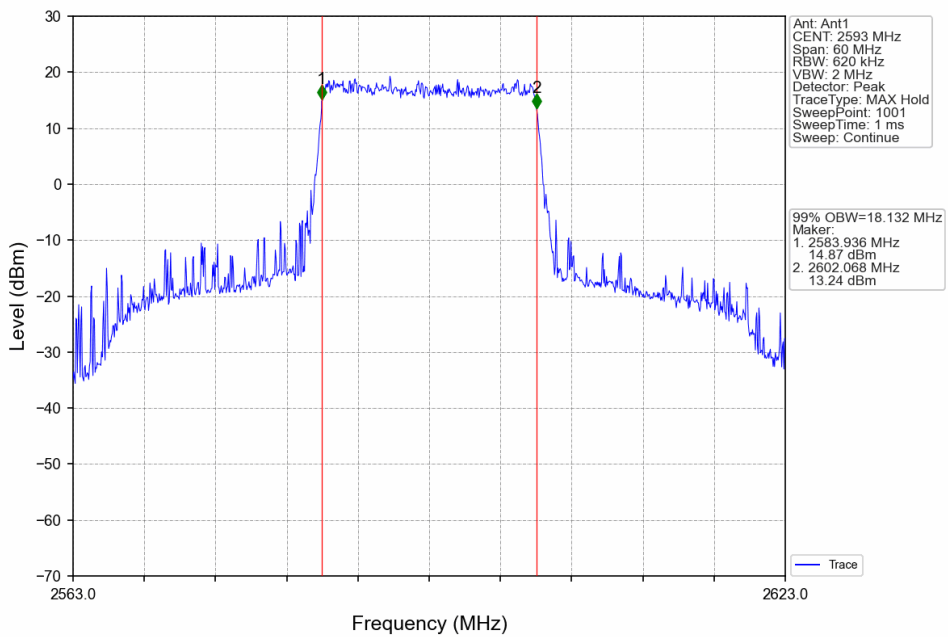
Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



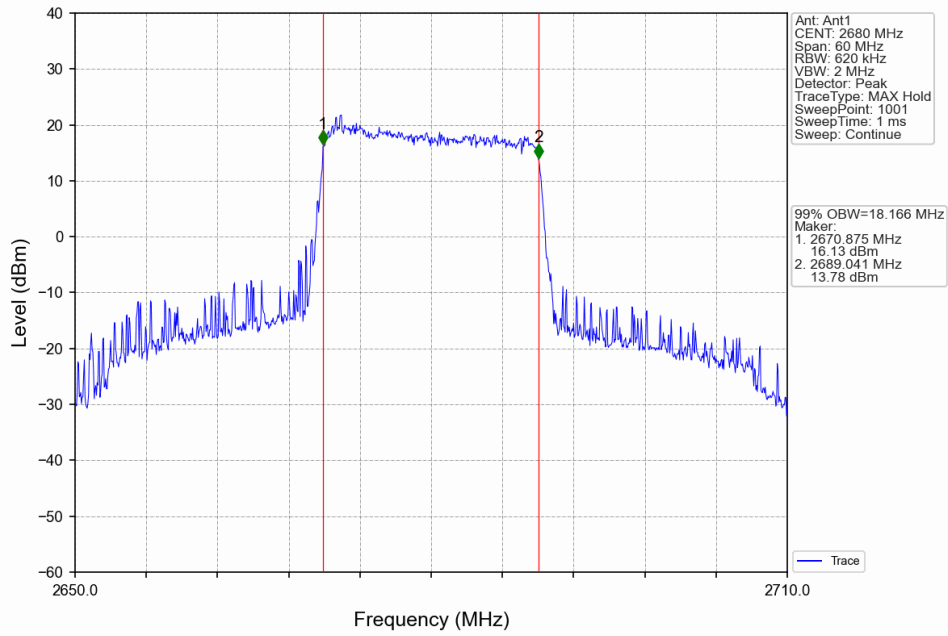
Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_100\_0\_NTNV



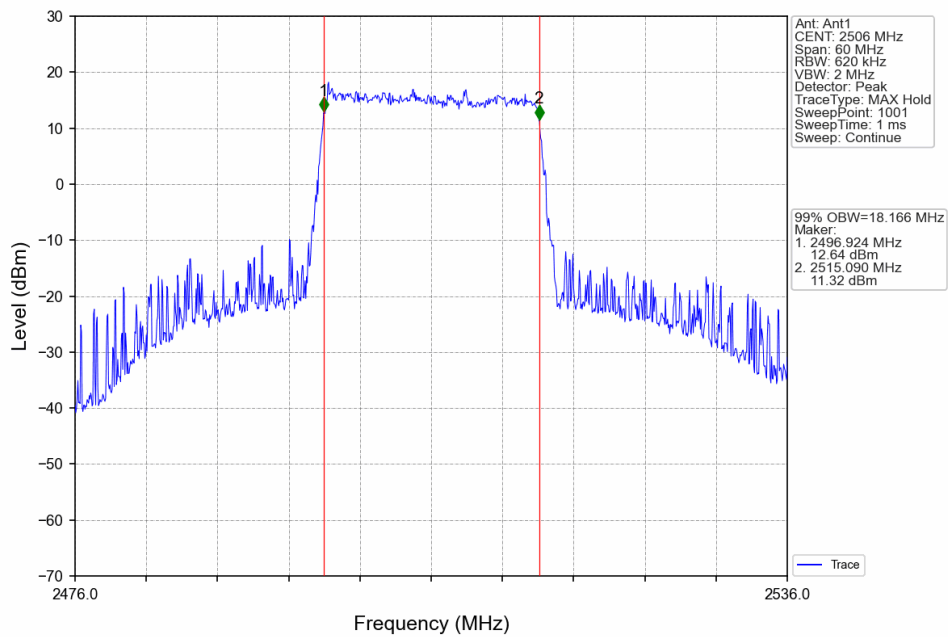
Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_100\_0\_NTNV



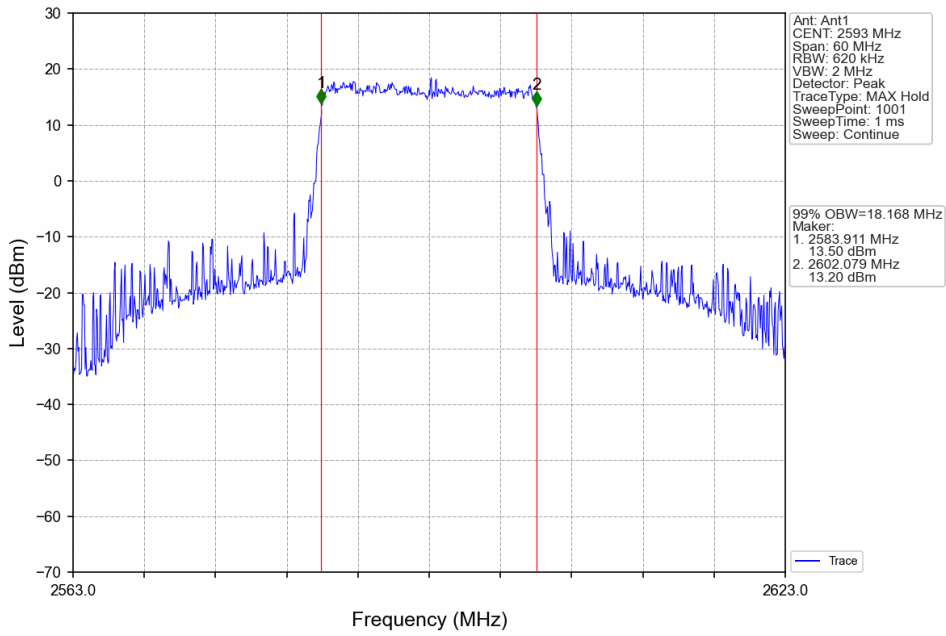
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



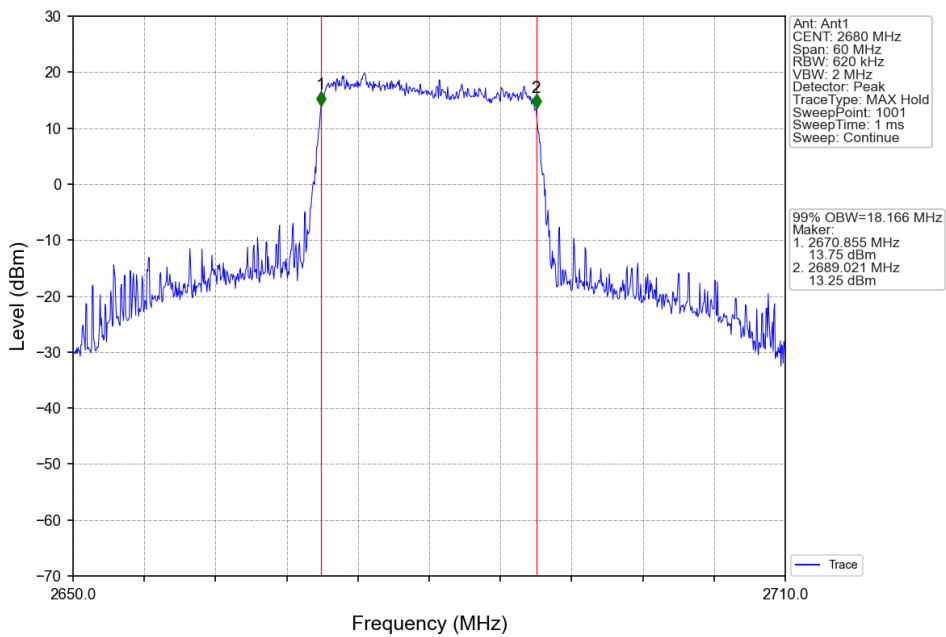
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



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



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

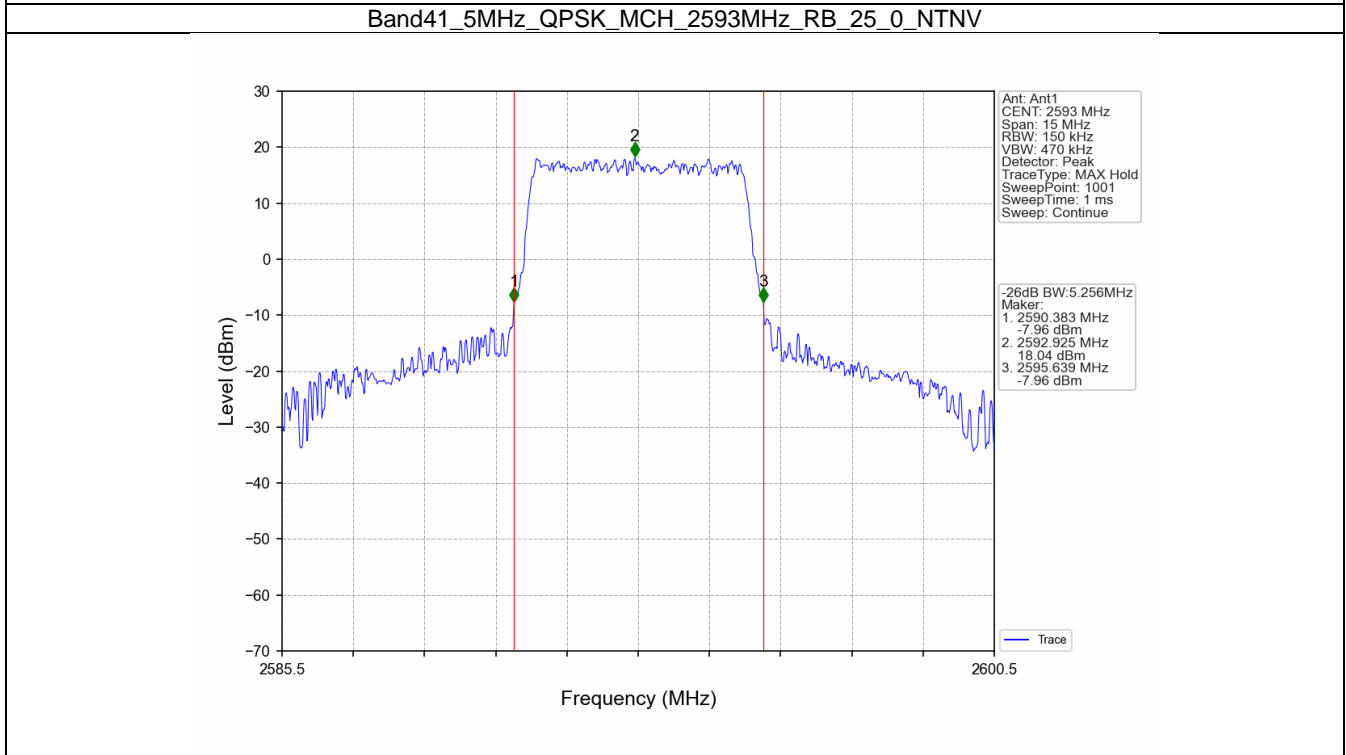
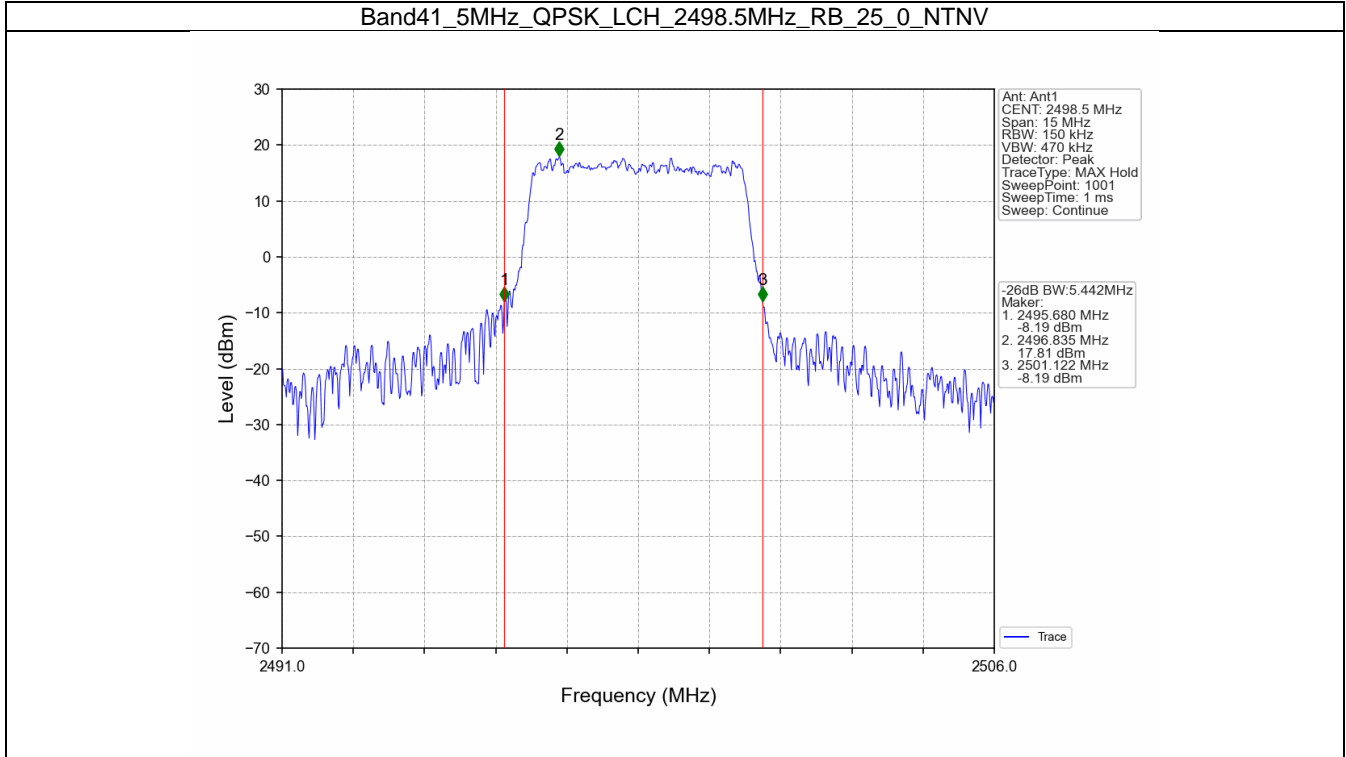


4.2 Band41\_XDB

4.2.1 Test Result

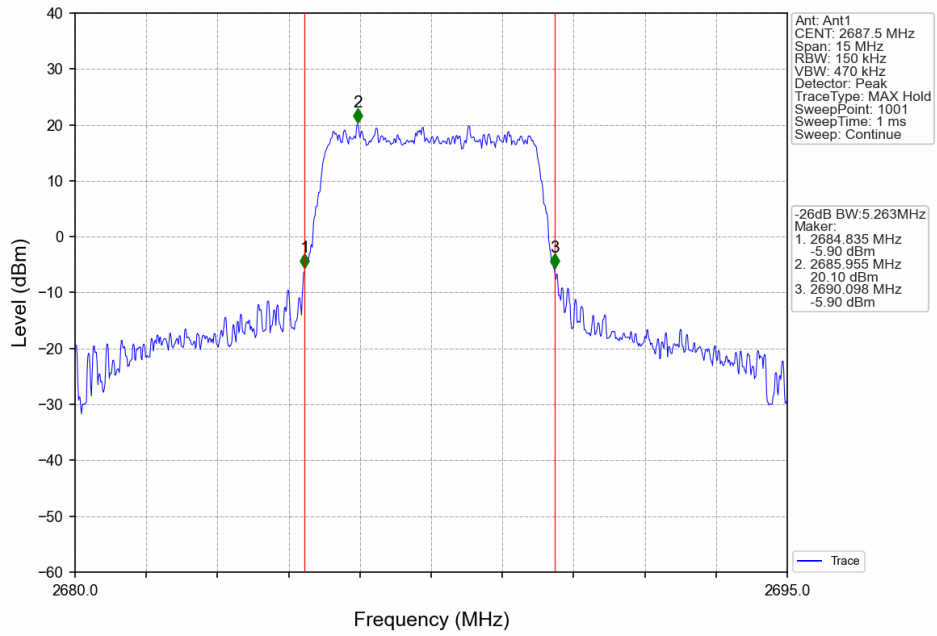
Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	5.442	Pass
		2593	25	0	5.256	Pass
		2687.5	25	0	5.263	Pass
	16QAM	2498.5	25	0	5.225	Pass
		2593	25	0	5.283	Pass
		2687.5	25	0	5.448	Pass
10	QPSK	2501	50	0	10.763	Pass
		2593	50	0	10.351	Pass
		2685	50	0	10.190	Pass
	16QAM	2501	50	0	10.781	Pass
		2593	50	0	10.327	Pass
		2685	50	0	10.430	Pass
15	QPSK	2503.5	75	0	15.393	Pass
		2593	75	0	15.540	Pass
		2682.5	75	0	16.550	Pass
	16QAM	2503.5	75	0	16.396	Pass
		2593	75	0	16.143	Pass
		2682.5	75	0	15.961	Pass
20	QPSK	2506	100	0	23.014	Pass
		2593	100	0	23.228	Pass
		2680	100	0	20.414	Pass
	16QAM	2506	100	0	20.009	Pass
		2593	100	0	21.674	Pass
		2680	100	0	20.562	Pass

4.2.2 Test Graph

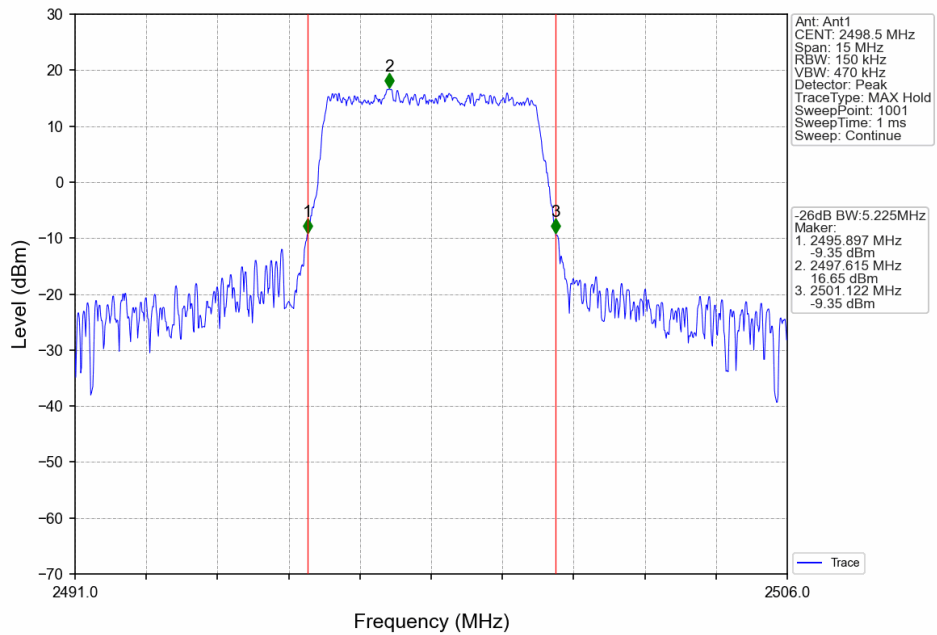




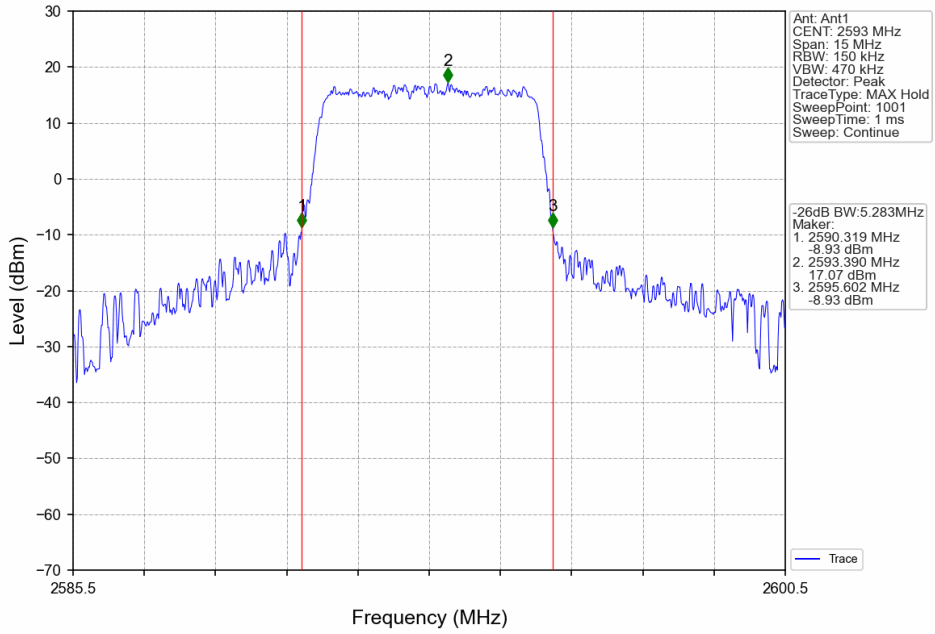
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



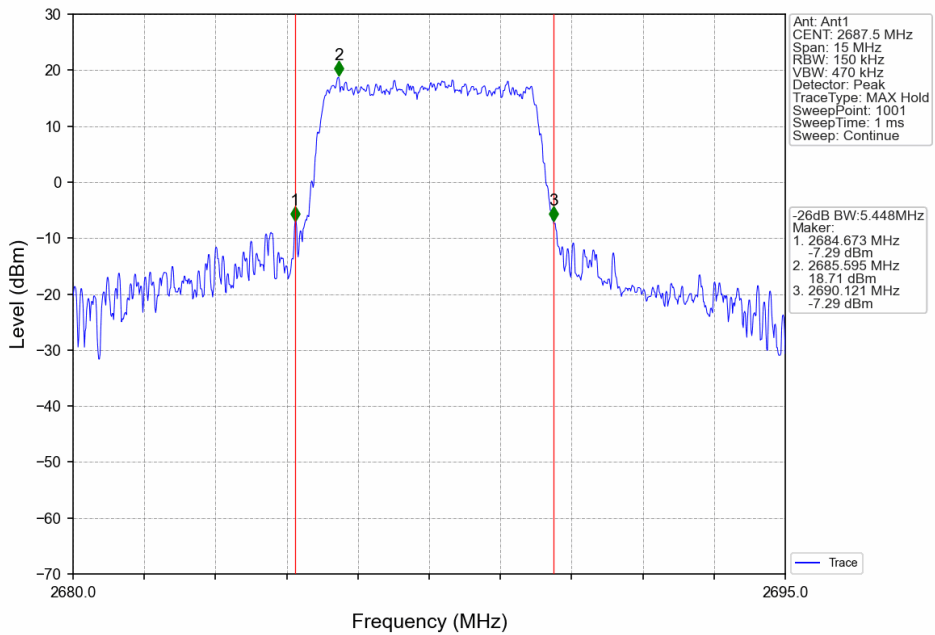
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



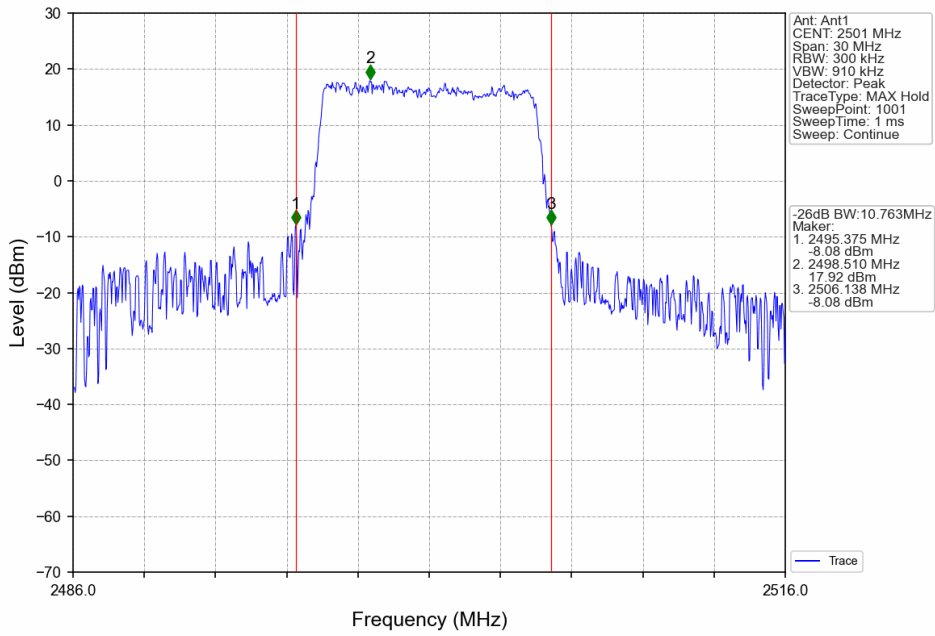
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



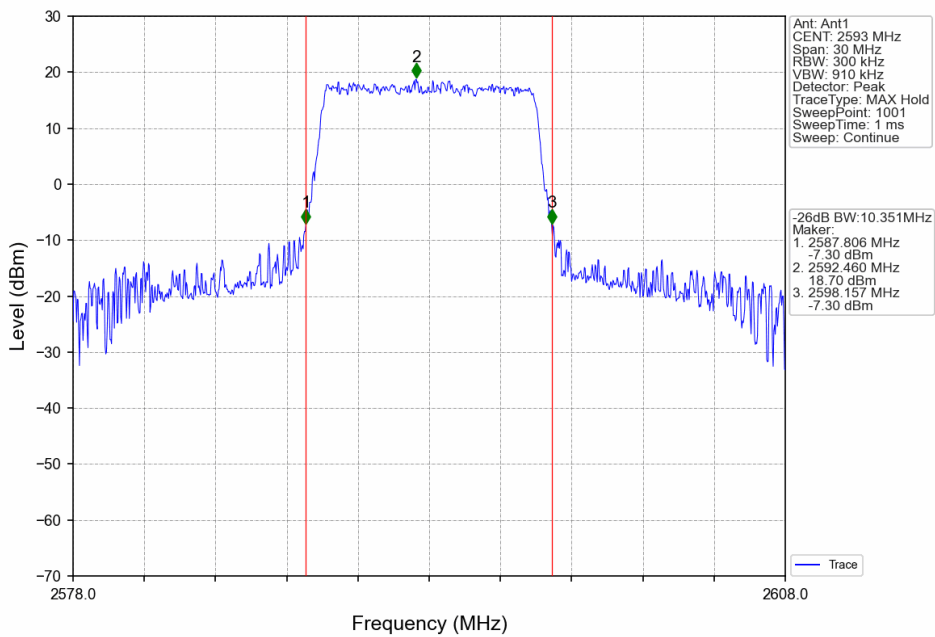
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



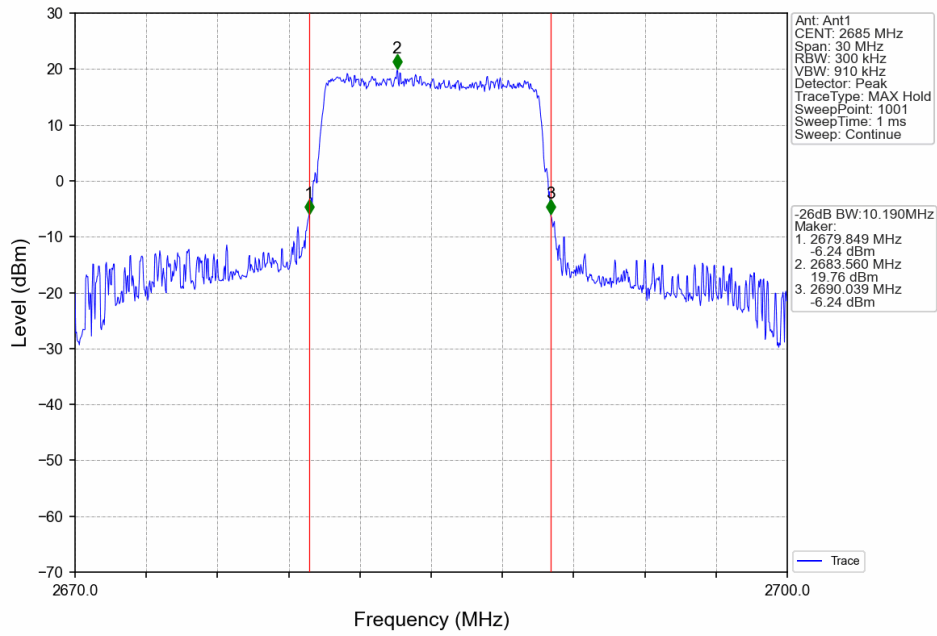
Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0\_NTNV



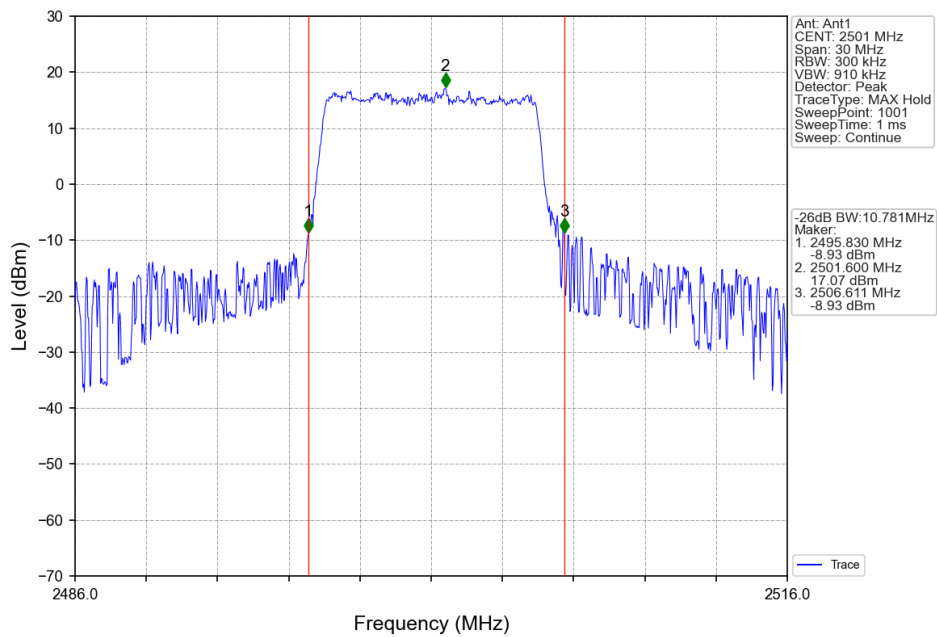
Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_50\_0\_NTNV



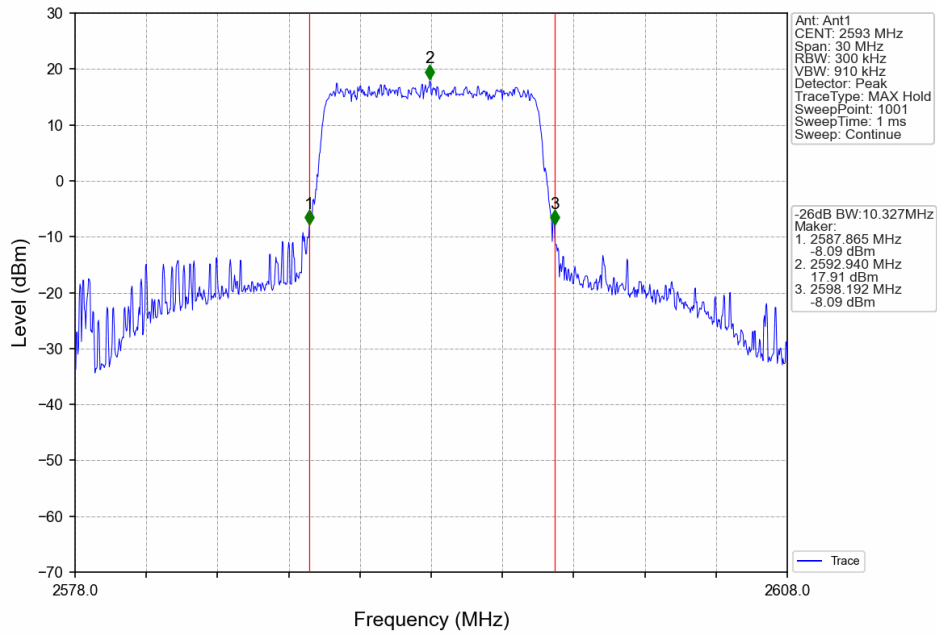
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



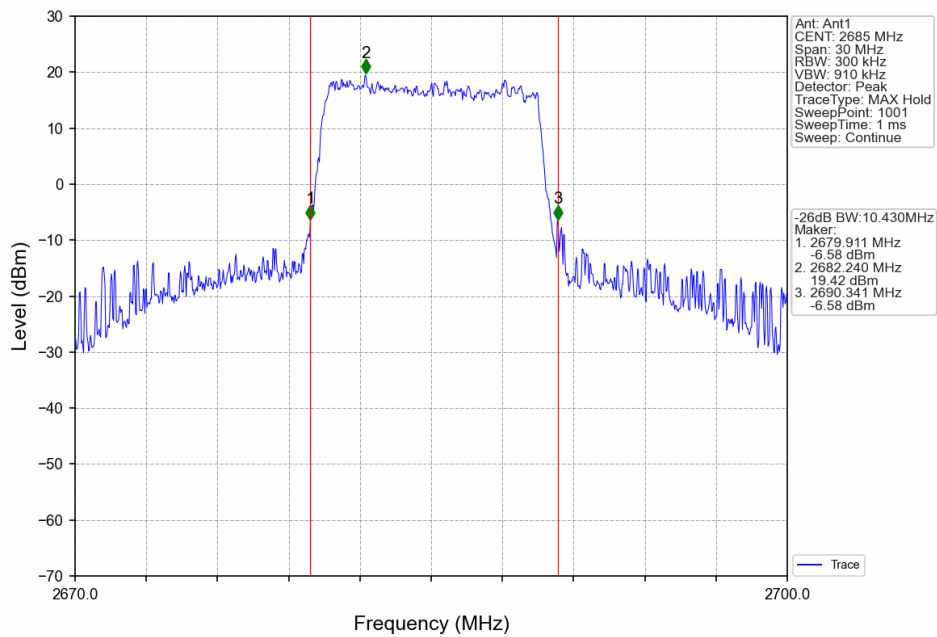
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



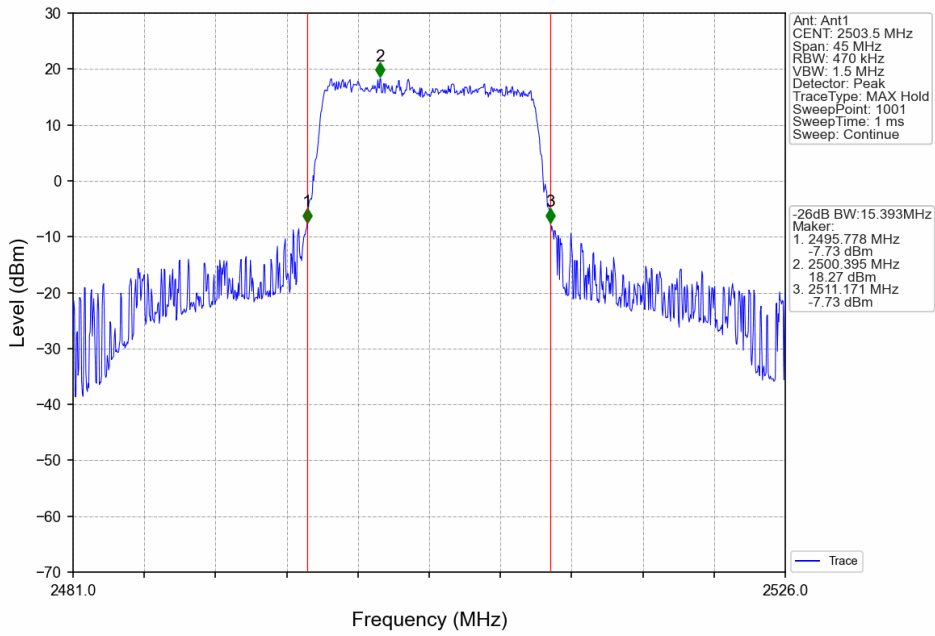
Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV



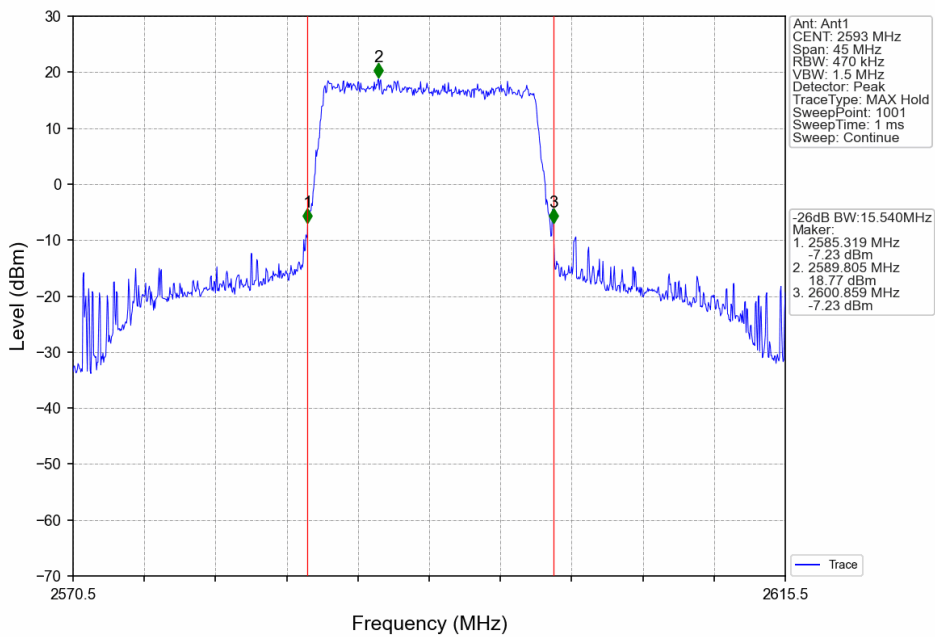
Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV



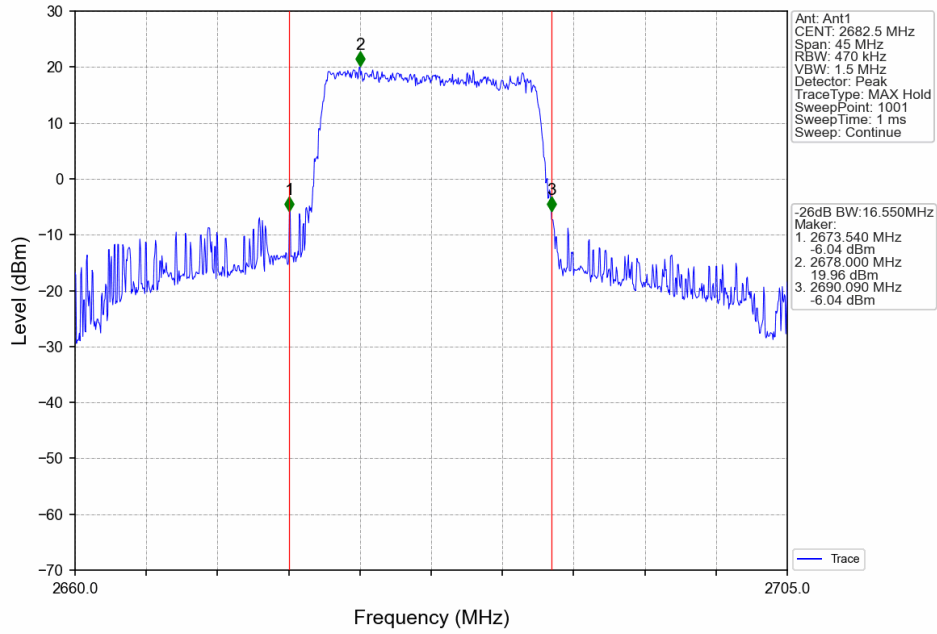
Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



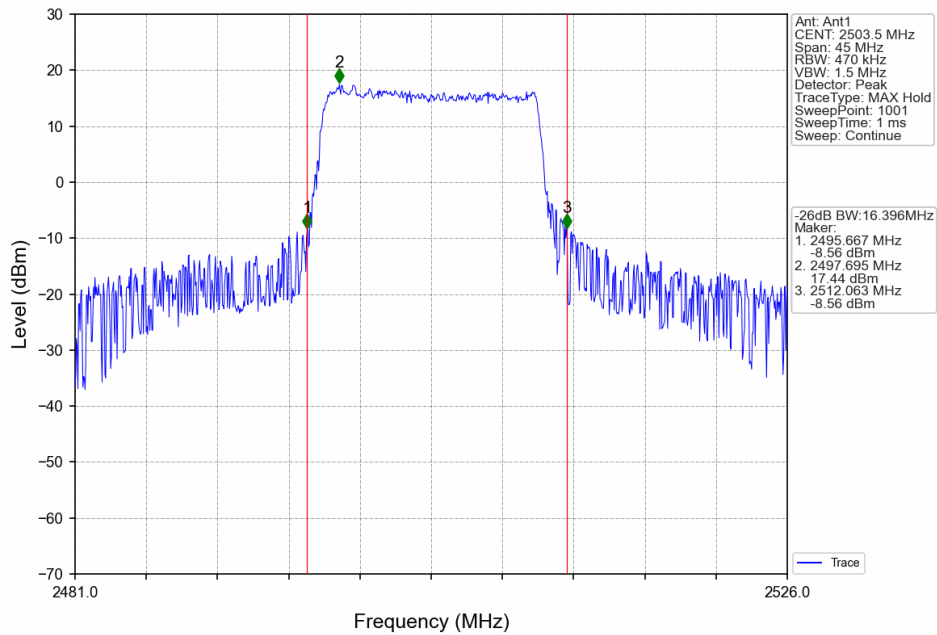
Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_75\_0\_NTNV



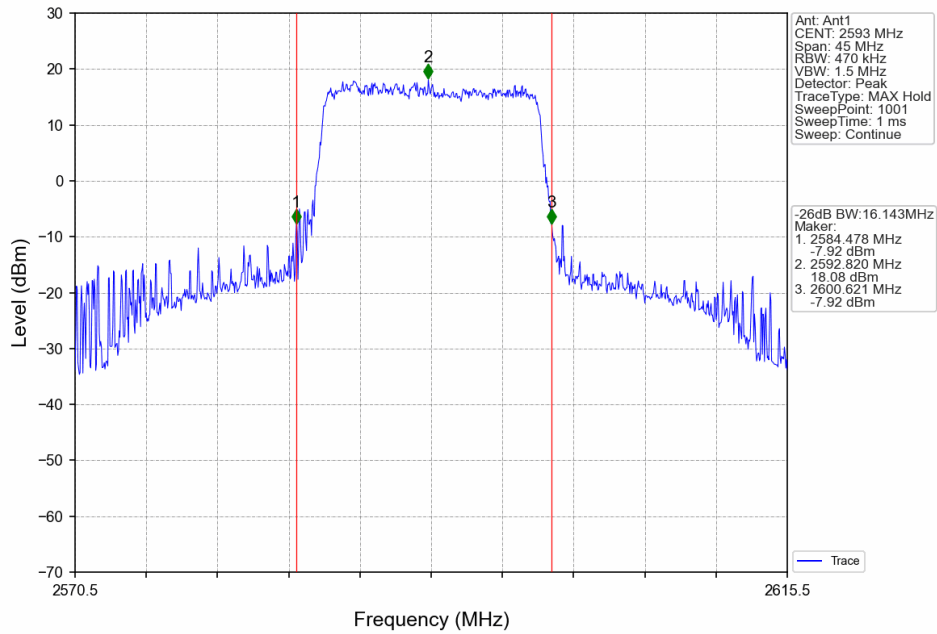
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



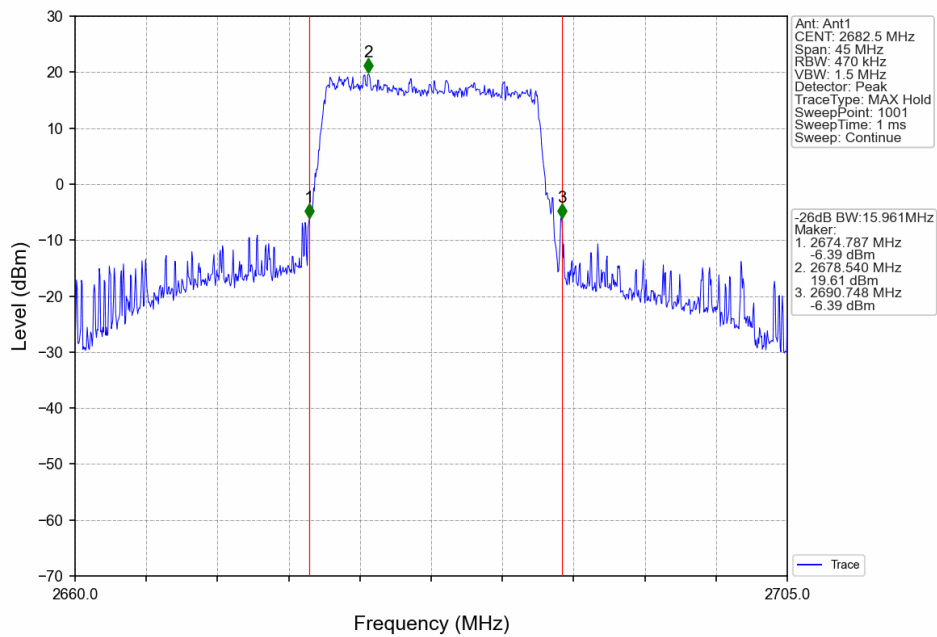
Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



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

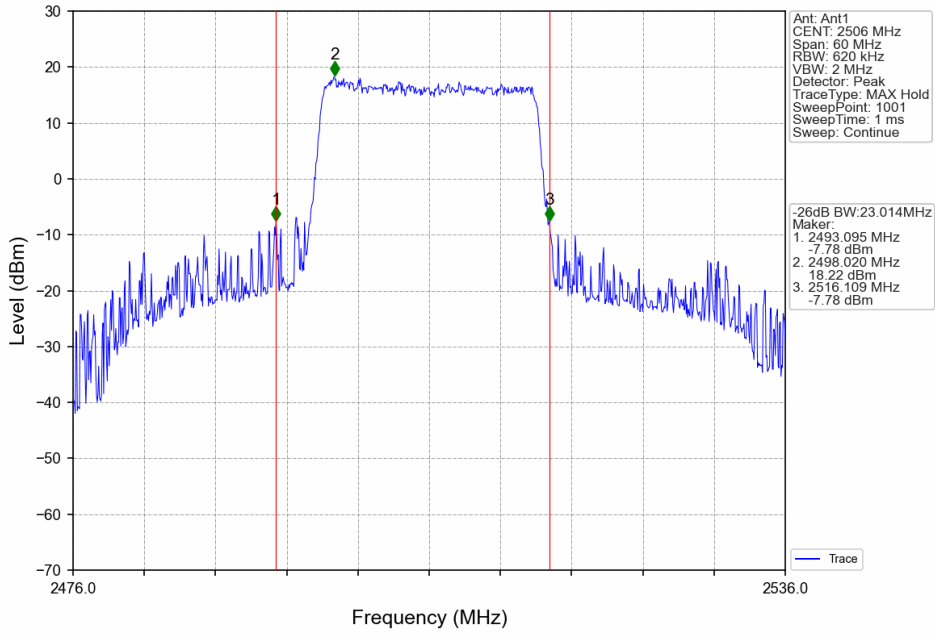


Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV

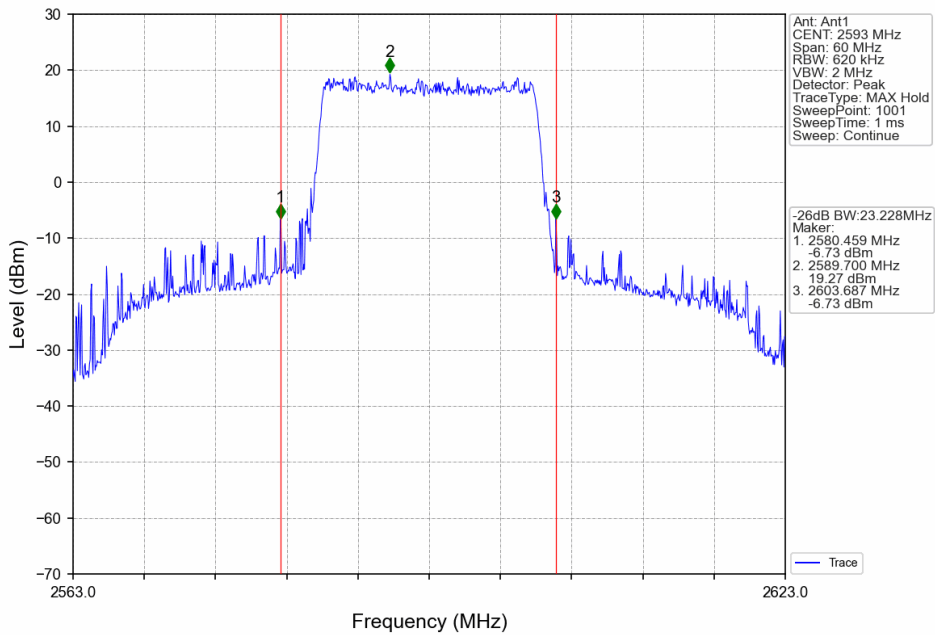


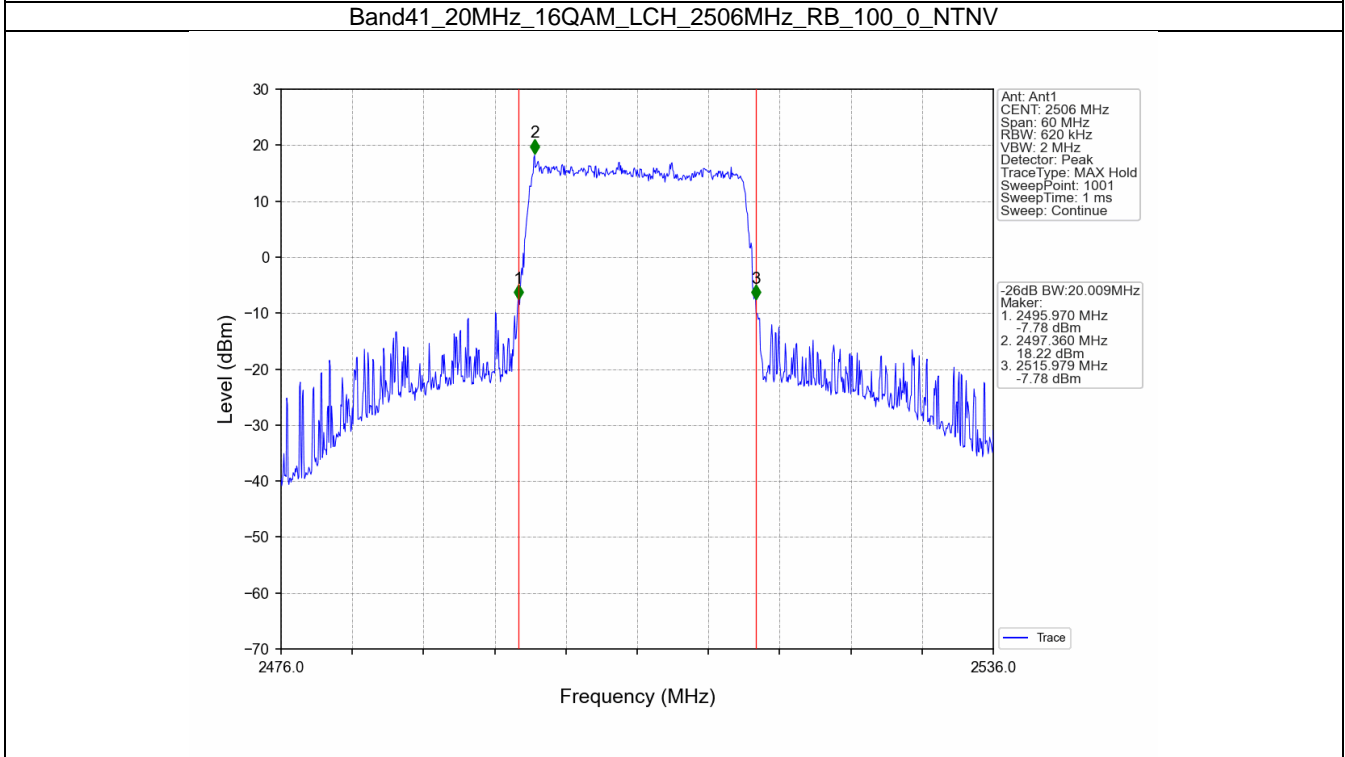
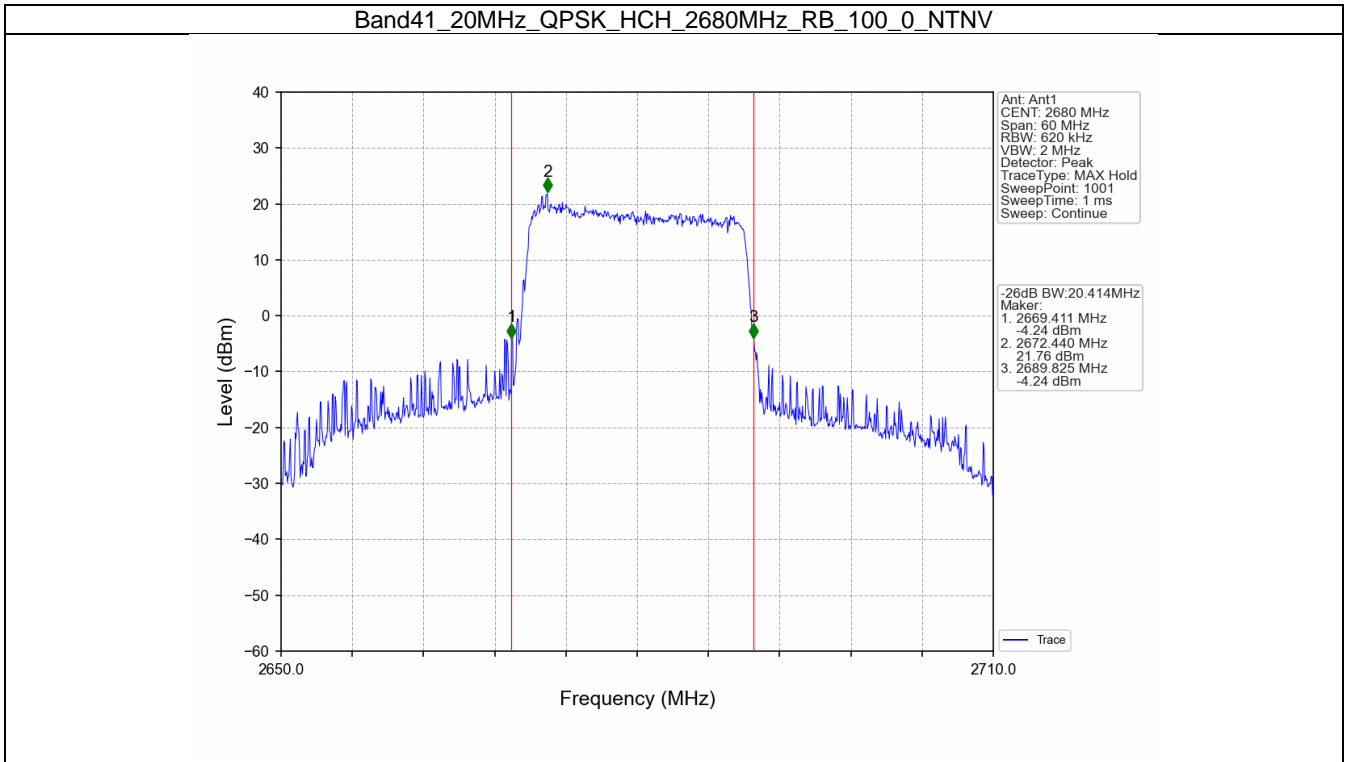


Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_100\_0\_NTNV

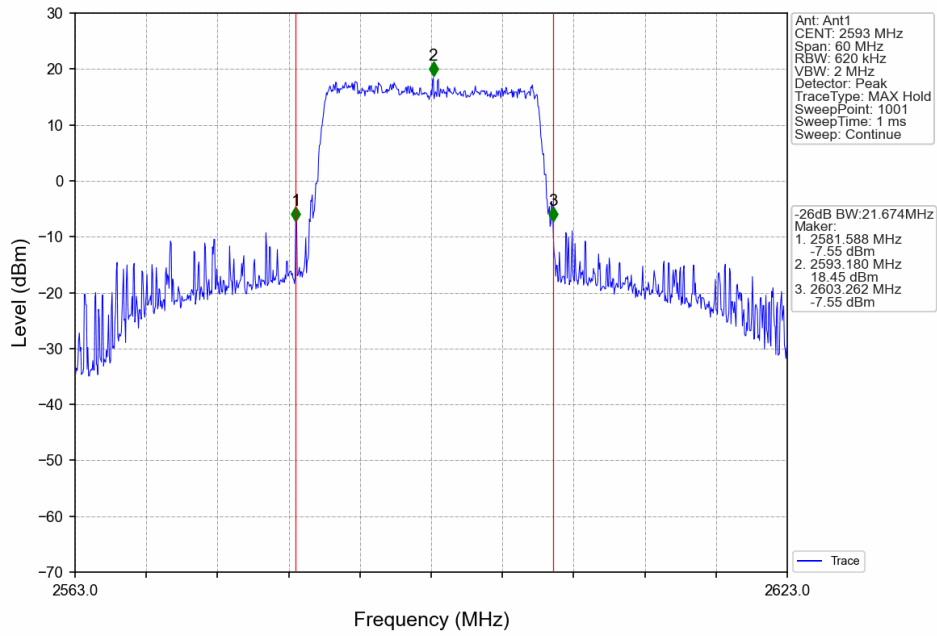


Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_100\_0\_NTNV

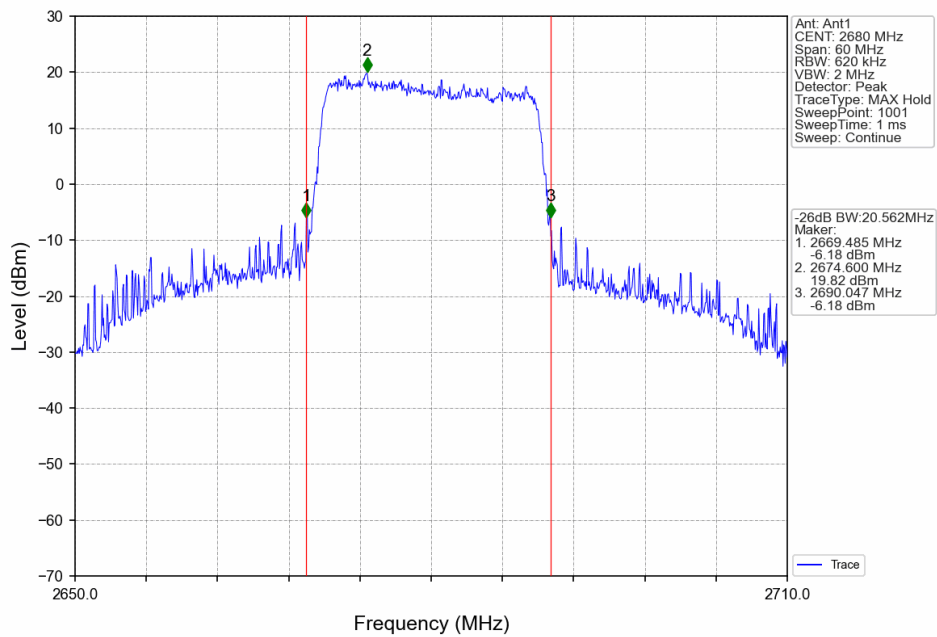




Band41\_20MHz\_16QAM\_MCH\_2593MHz\_RB\_100\_0\_NTNV



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



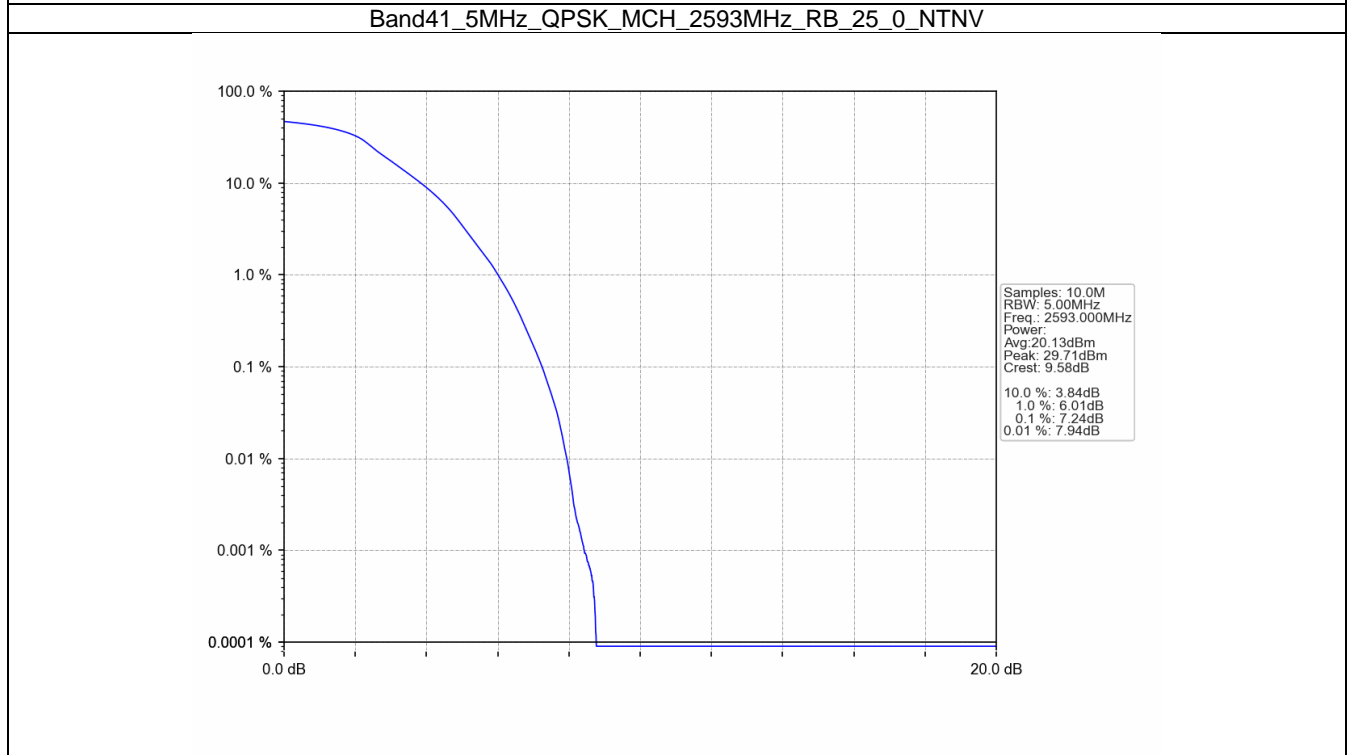
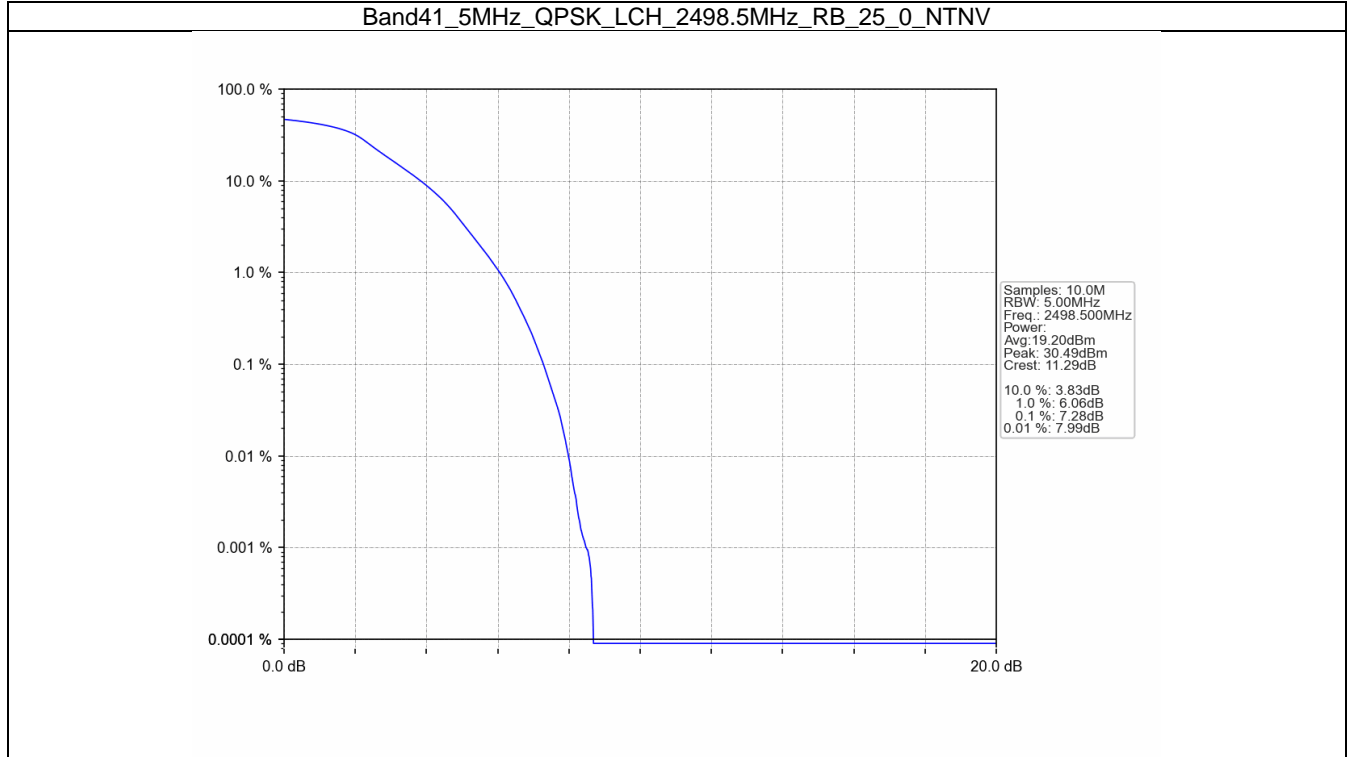
## 5. Peak-Average Ratio

### 5.1 B41\_5MHz

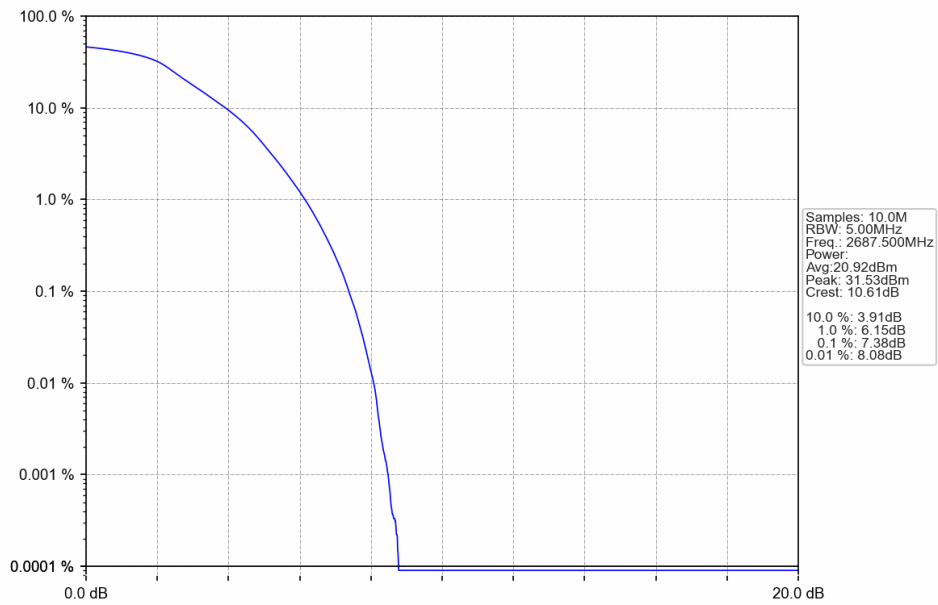
#### 5.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.28	<=13	Pass
	2593	25	0	7.24	<=13	Pass
	2687.5	25	0	7.38	<=13	Pass
16QAM	2498.5	25	0	8.09	<=13	Pass
	2593	25	0	7.96	<=13	Pass
	2687.5	25	0	8.50	<=13	Pass

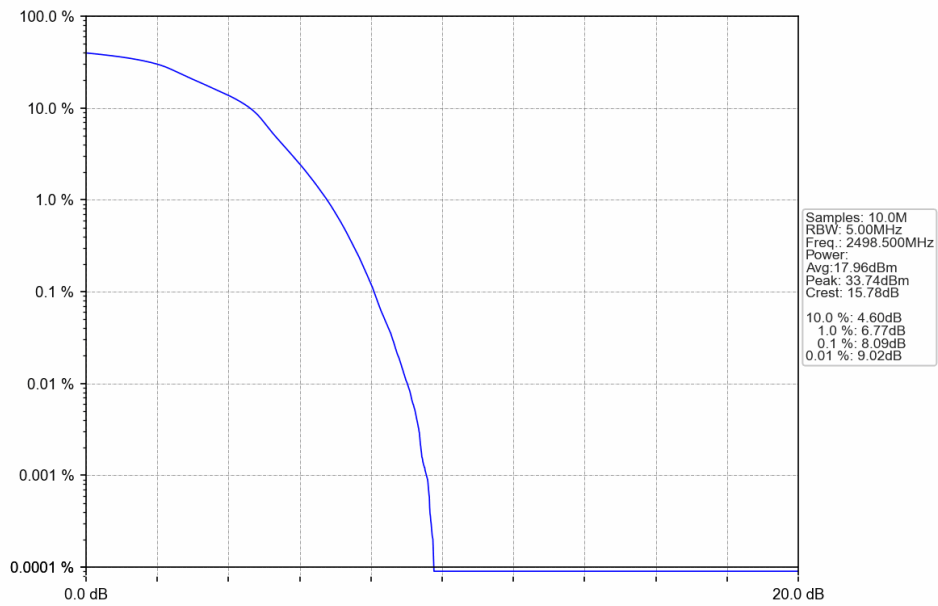
5.1.2 Test Graph



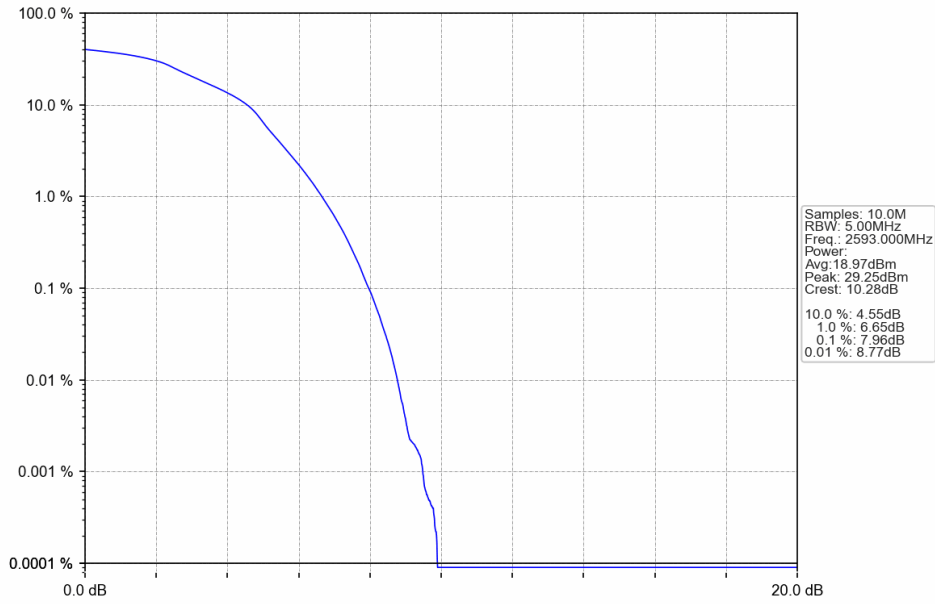
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



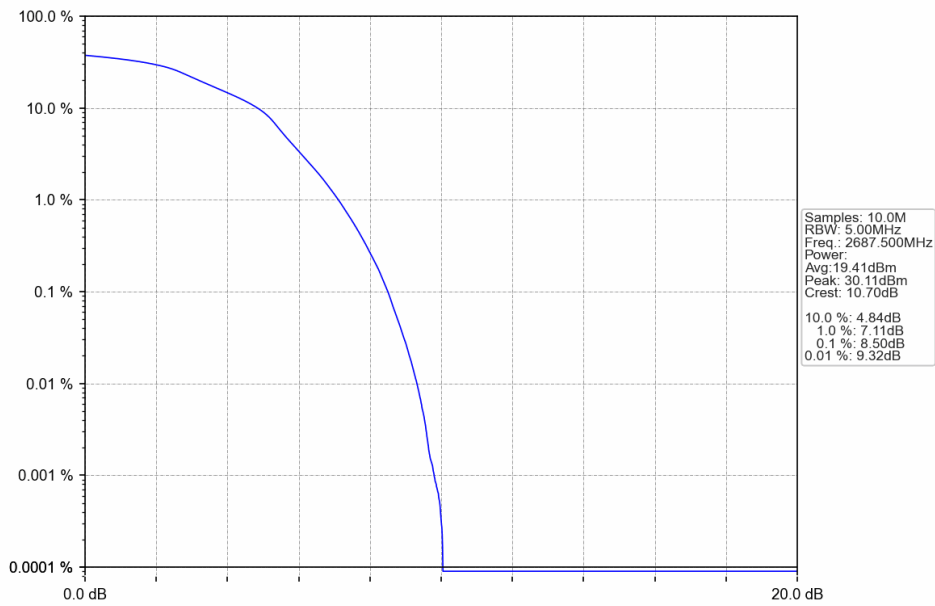
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



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



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



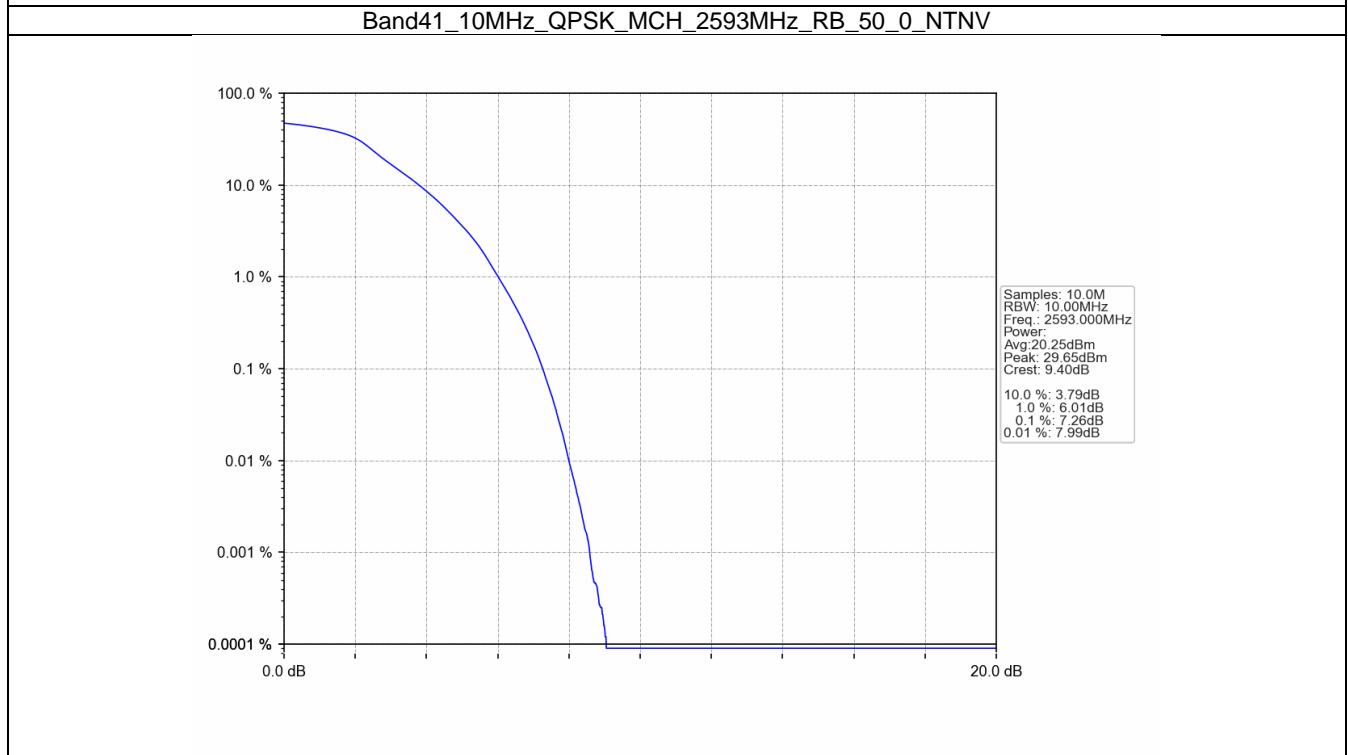
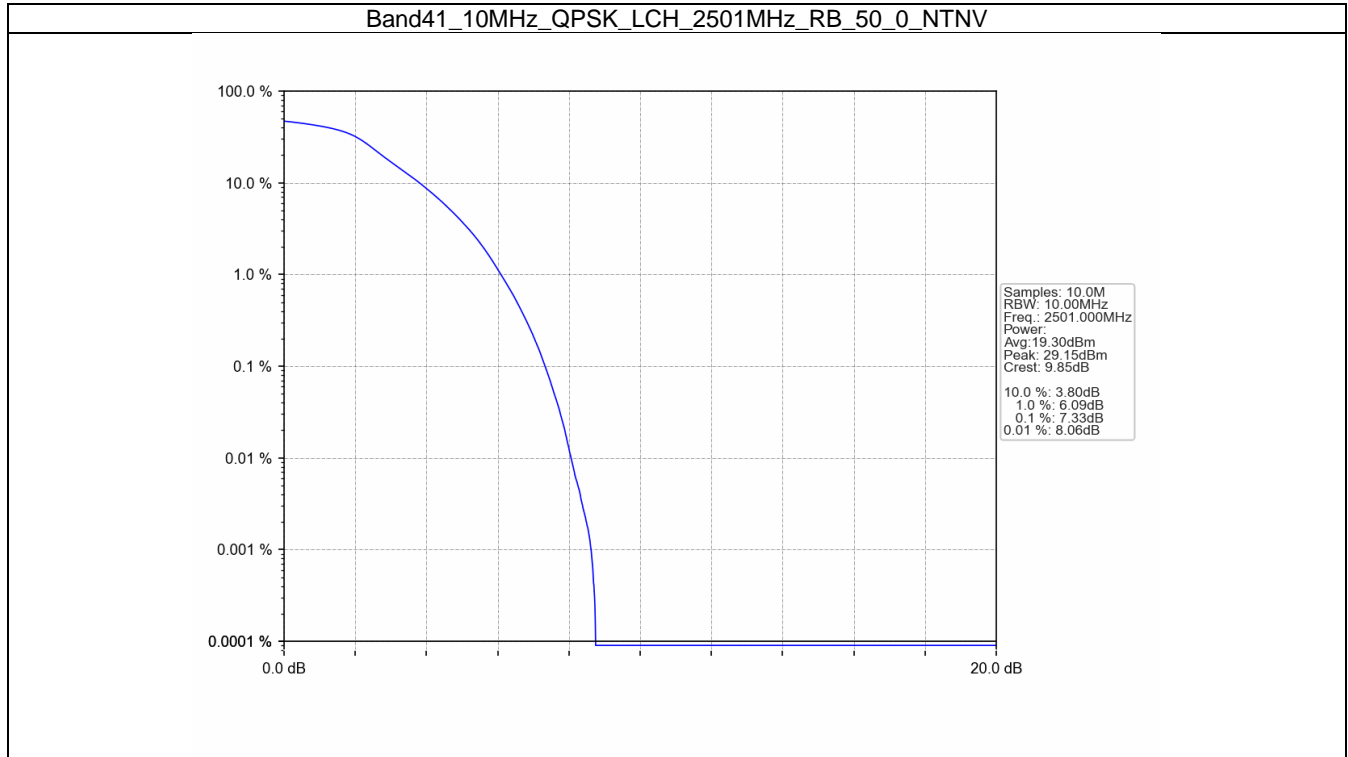
5.2 B41\_10MHz

5.2.1 Test Result

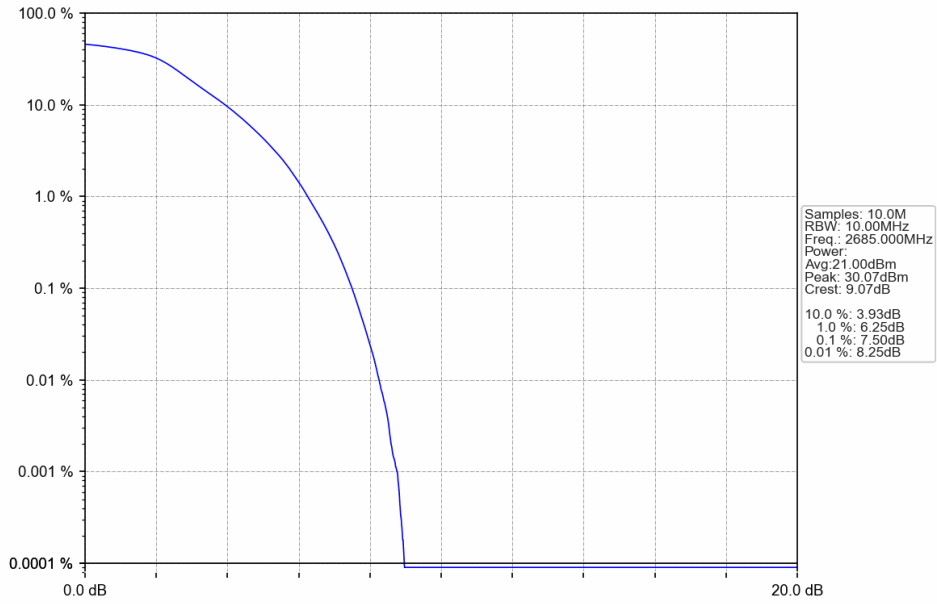
Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.33	<=13	Pass
	2593	50	0	7.26	<=13	Pass
	2685	50	0	7.50	<=13	Pass
16QAM	2501	50	0	7.98	<=13	Pass
	2593	50	0	7.95	<=13	Pass
	2685	50	0	8.10	<=13	Pass



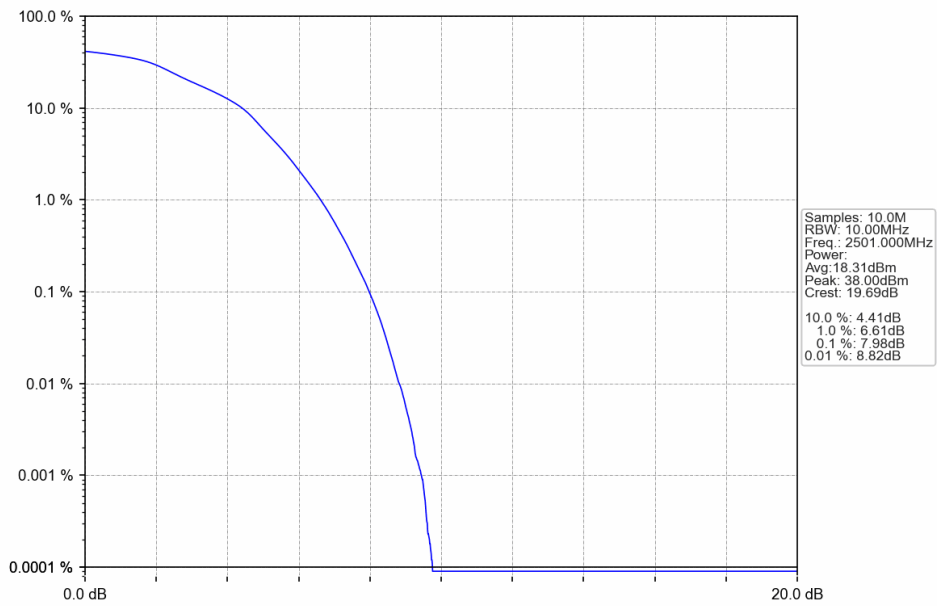
5.2.2 Test Graph



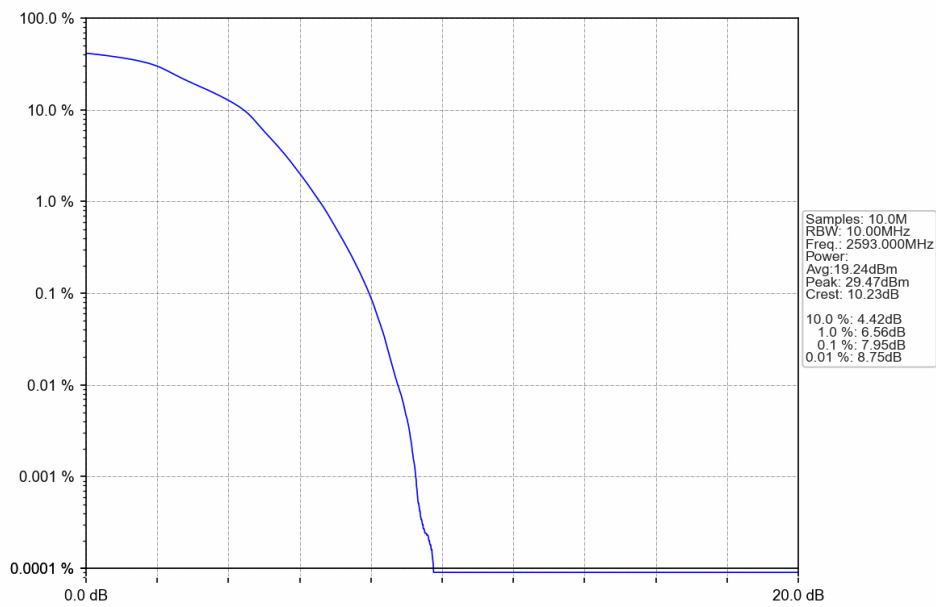
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



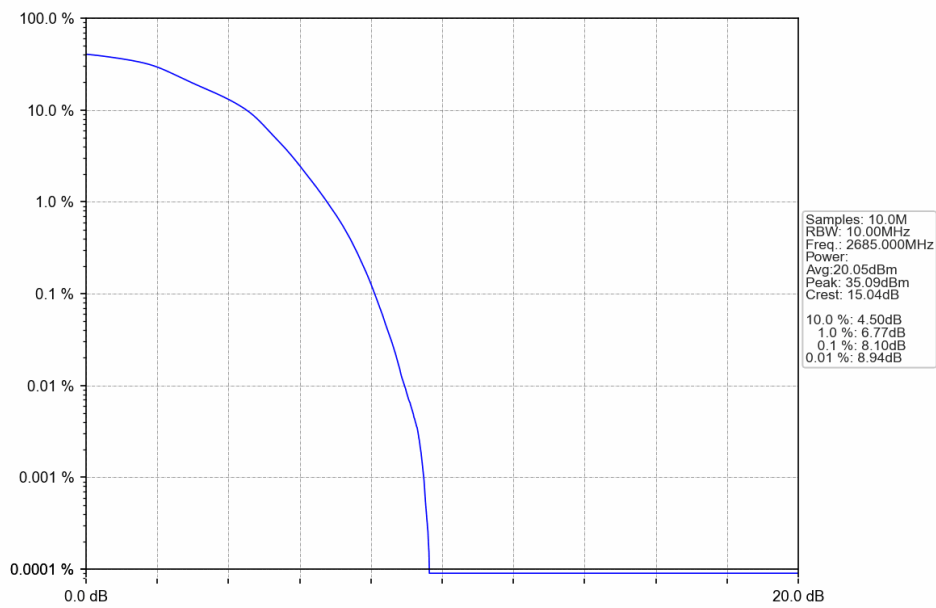
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



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



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

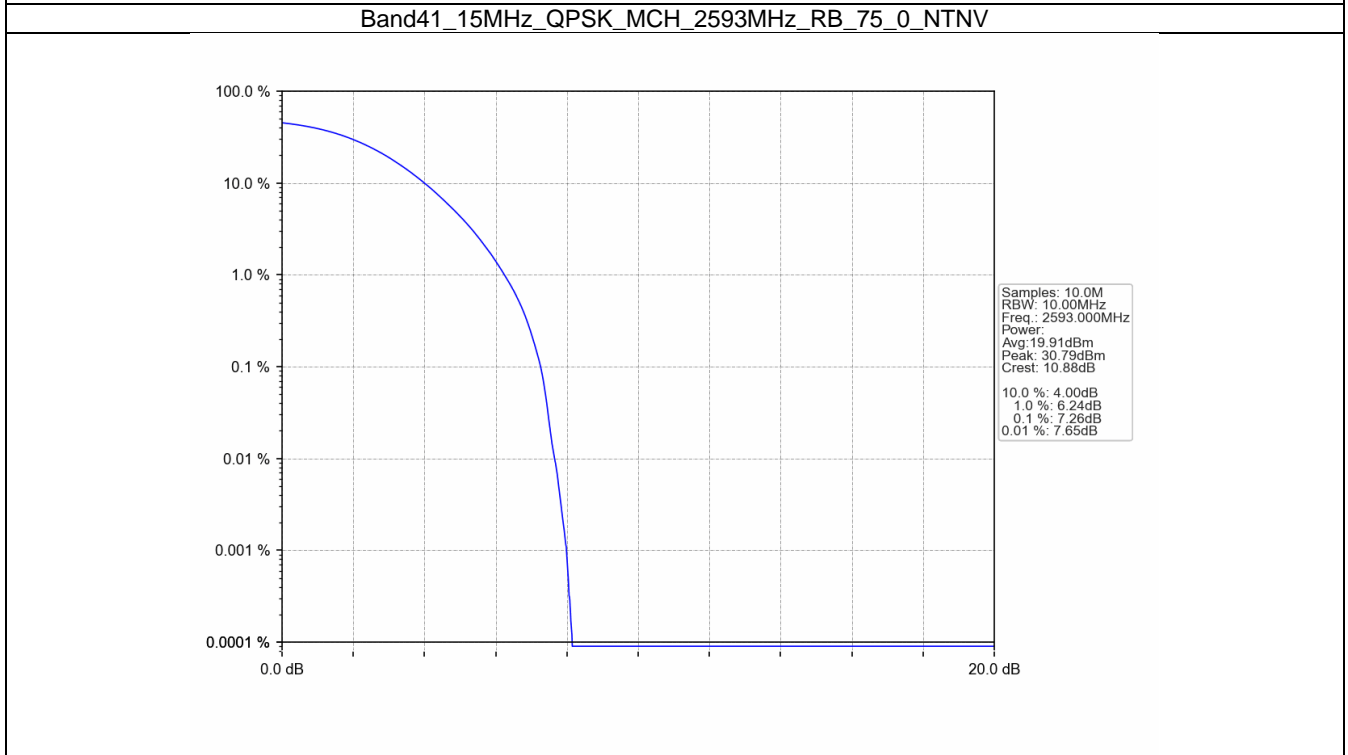
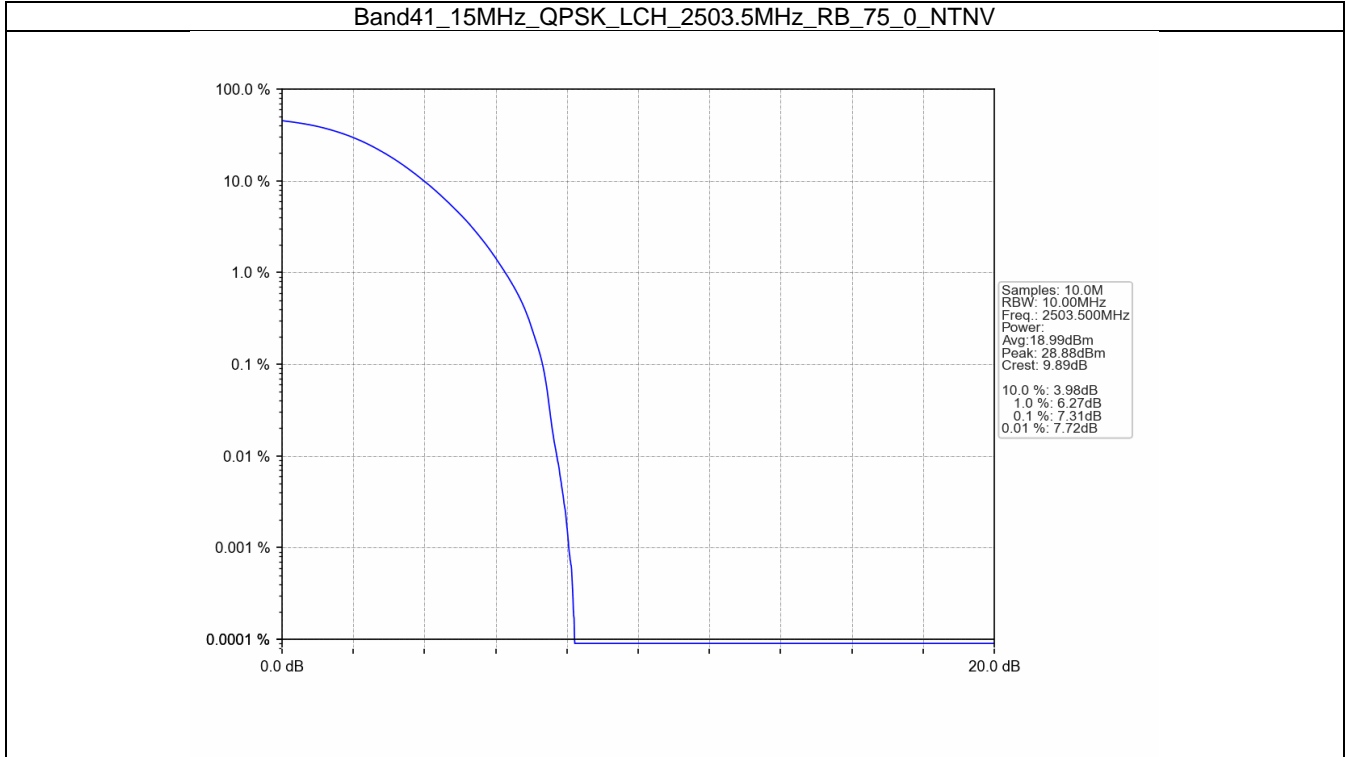


5.3 B41\_15MHz

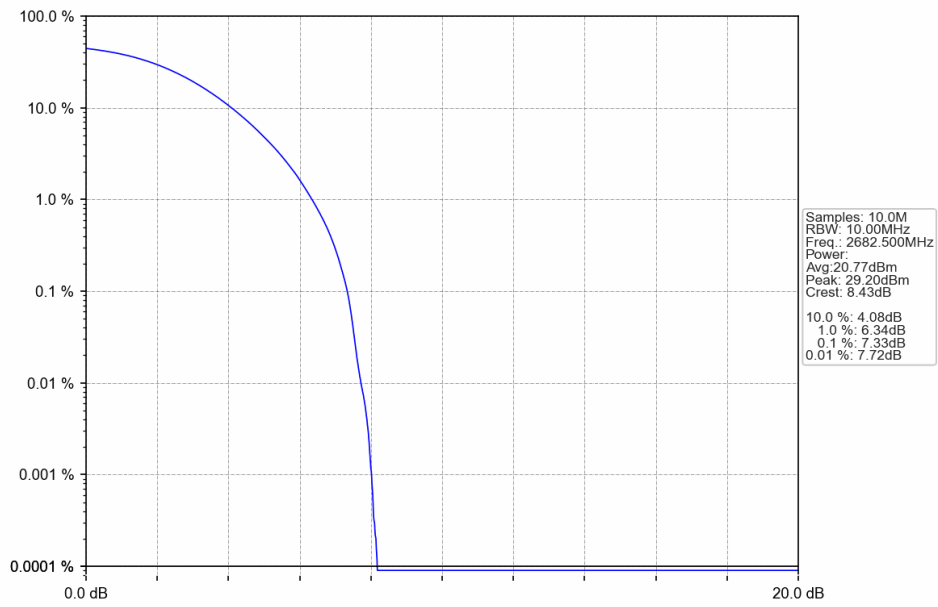
5.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	7.31	<=13	Pass
	2593	75	0	7.26	<=13	Pass
	2682.5	75	0	7.33	<=13	Pass
16QAM	2503.5	75	0	7.95	<=13	Pass
	2593	75	0	7.87	<=13	Pass
	2682.5	75	0	7.94	<=13	Pass

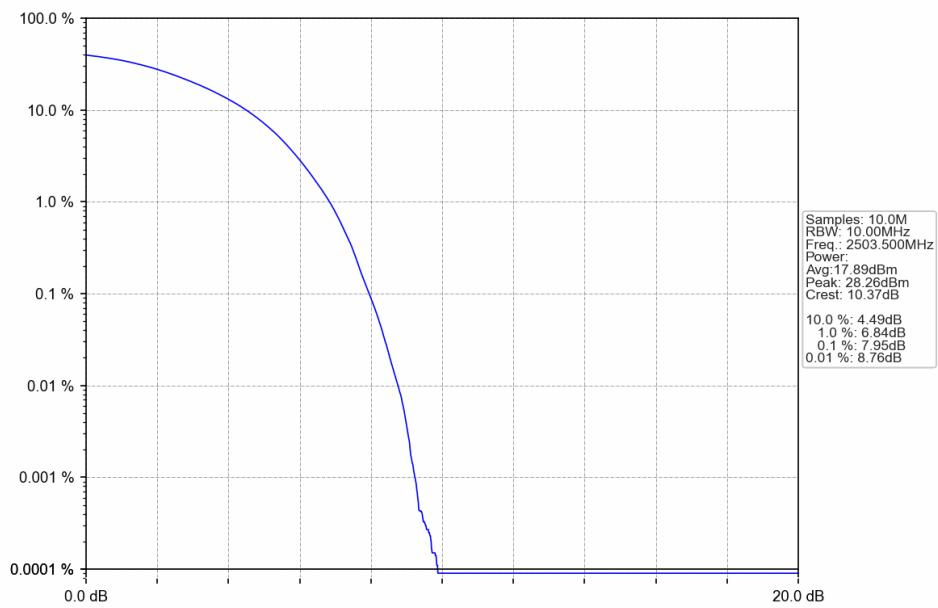
5.3.2 Test Graph



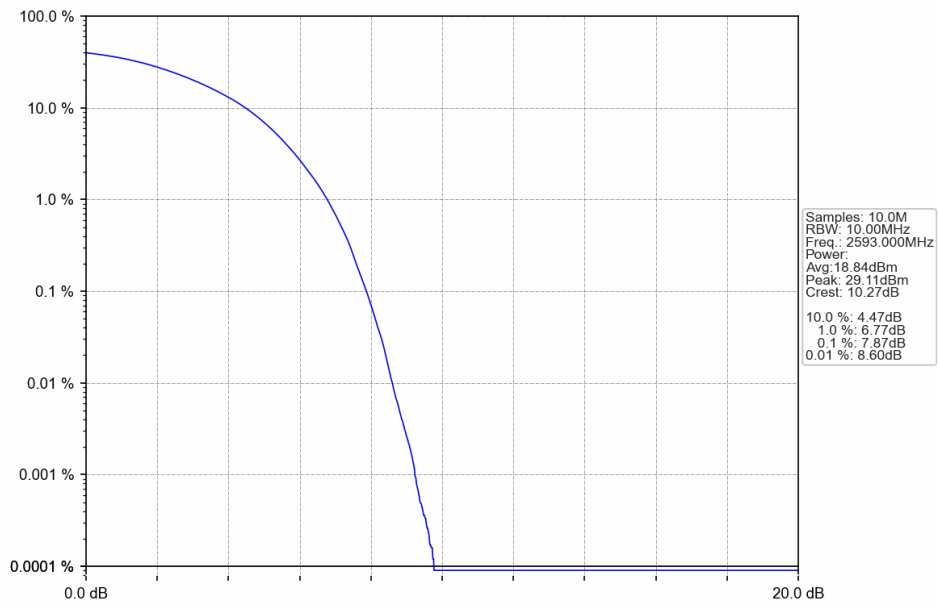
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



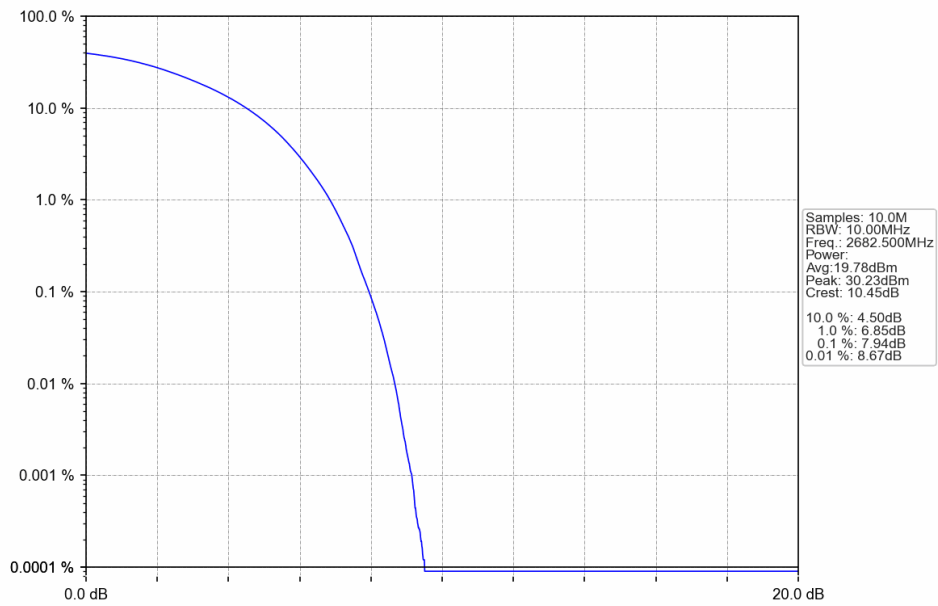
Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



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



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



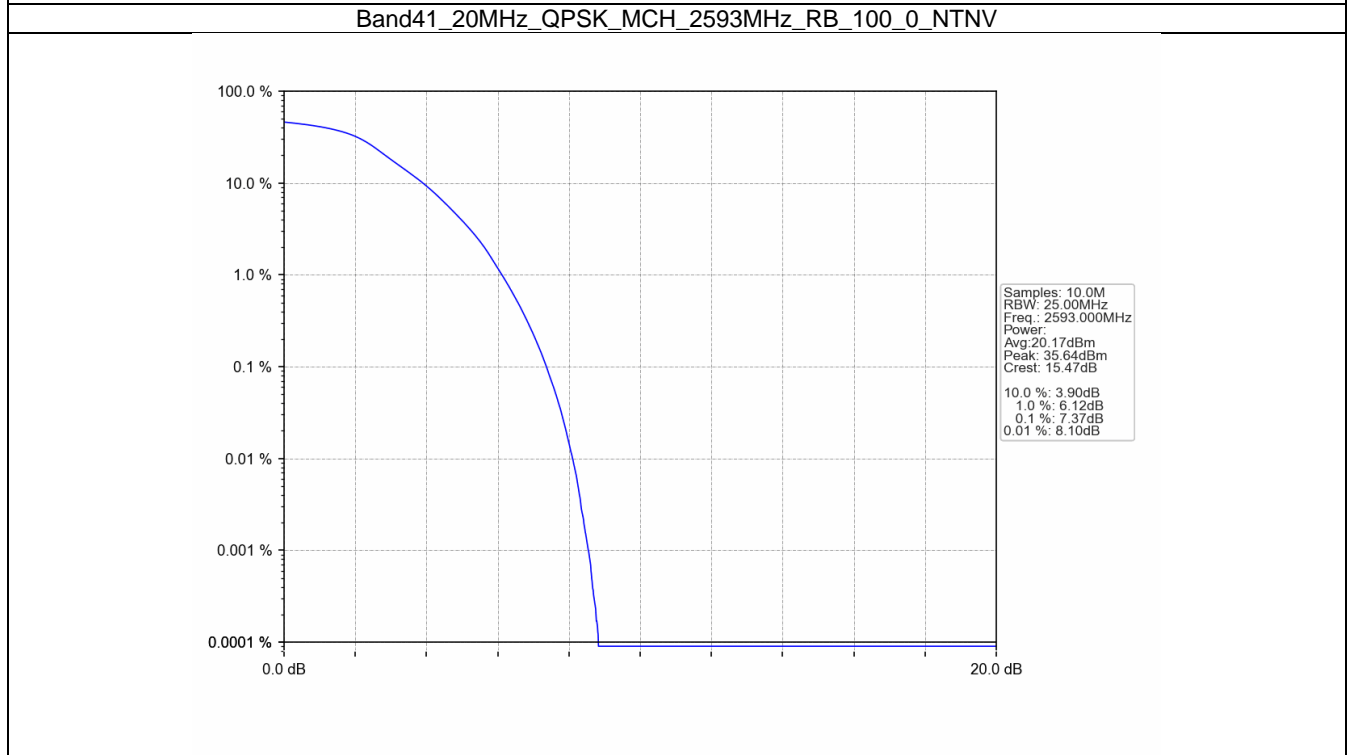
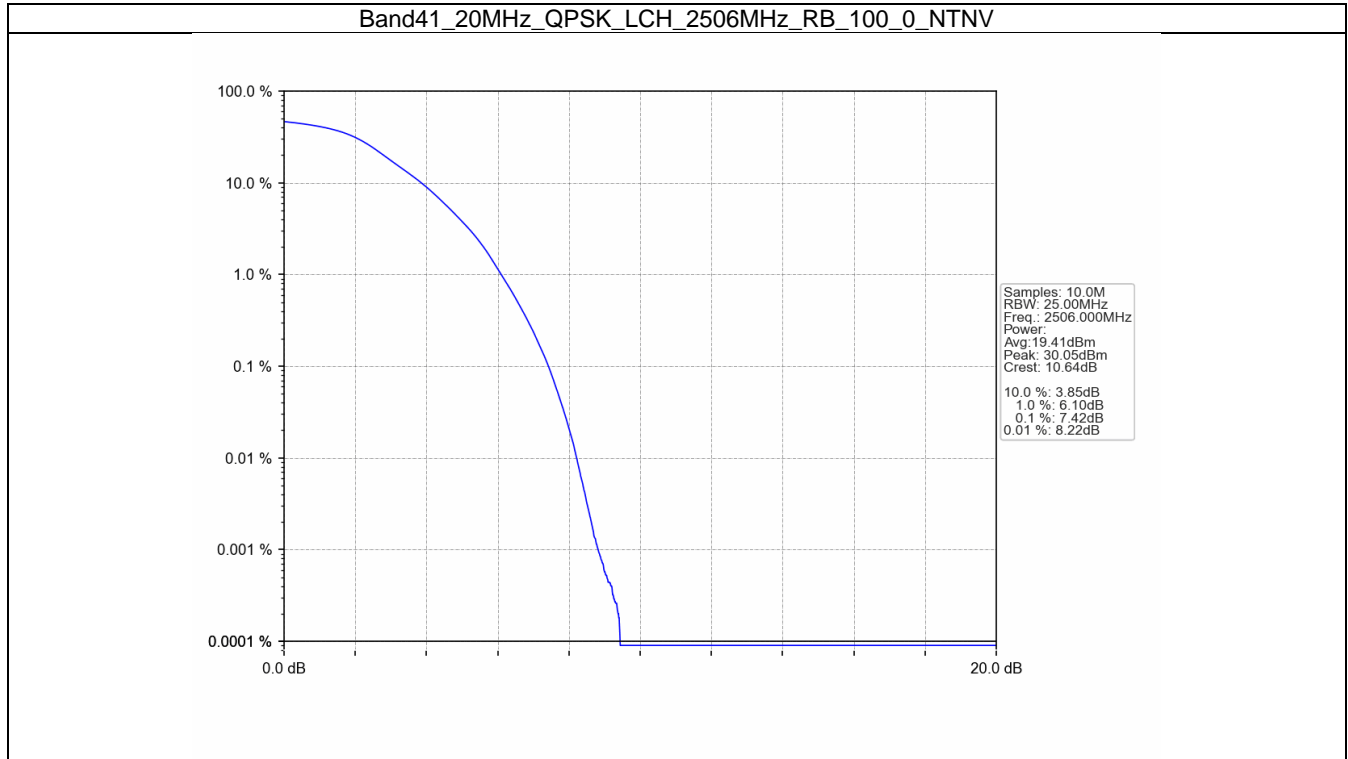
5.4 B41\_20MHz

5.4.1 Test Result

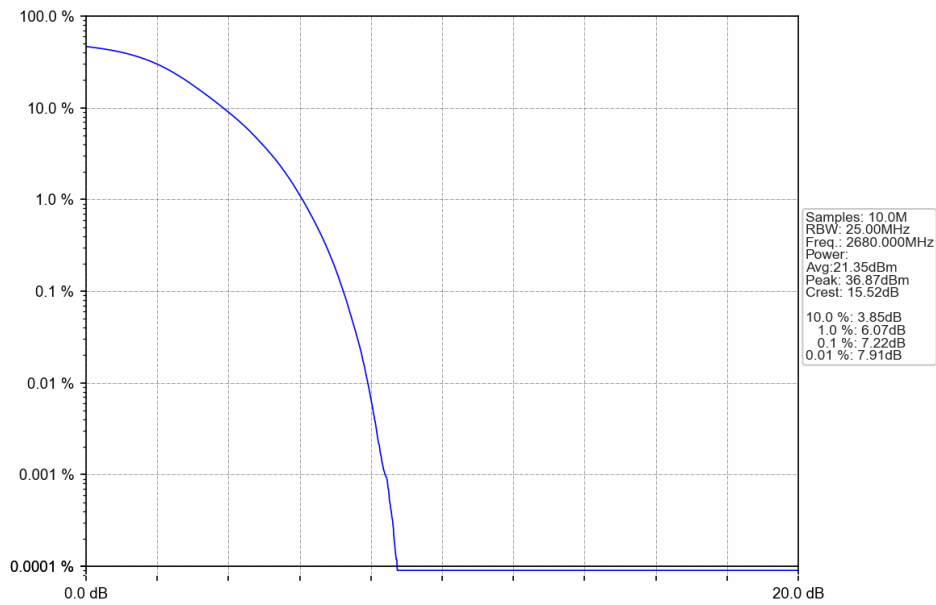
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.42	<=13	Pass
	2593	100	0	7.37	<=13	Pass
	2680	100	0	7.22	<=13	Pass
16QAM	2506	100	0	8.15	<=13	Pass
	2593	100	0	7.86	<=13	Pass
	2680	100	0	7.91	<=13	Pass



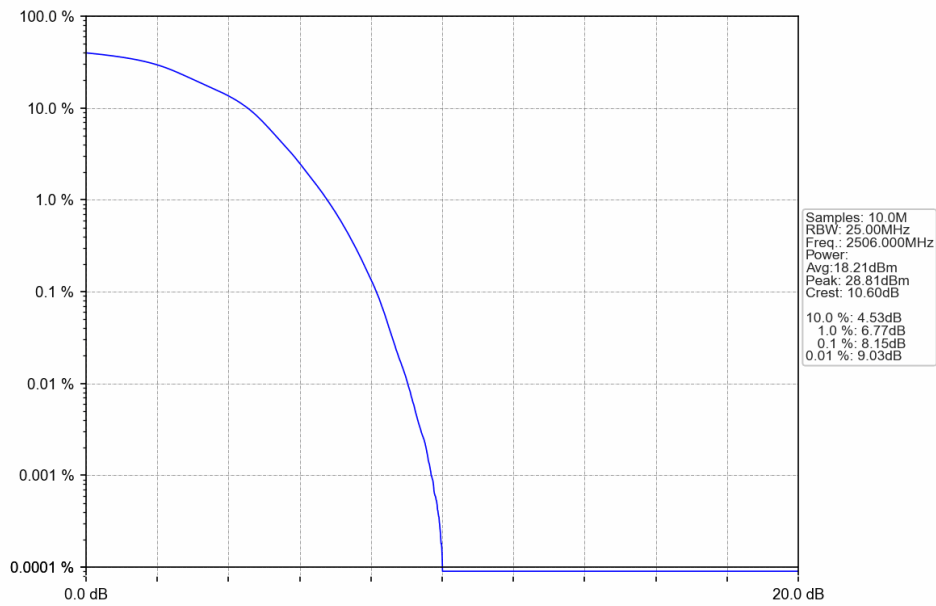
5.4.2 Test Graph



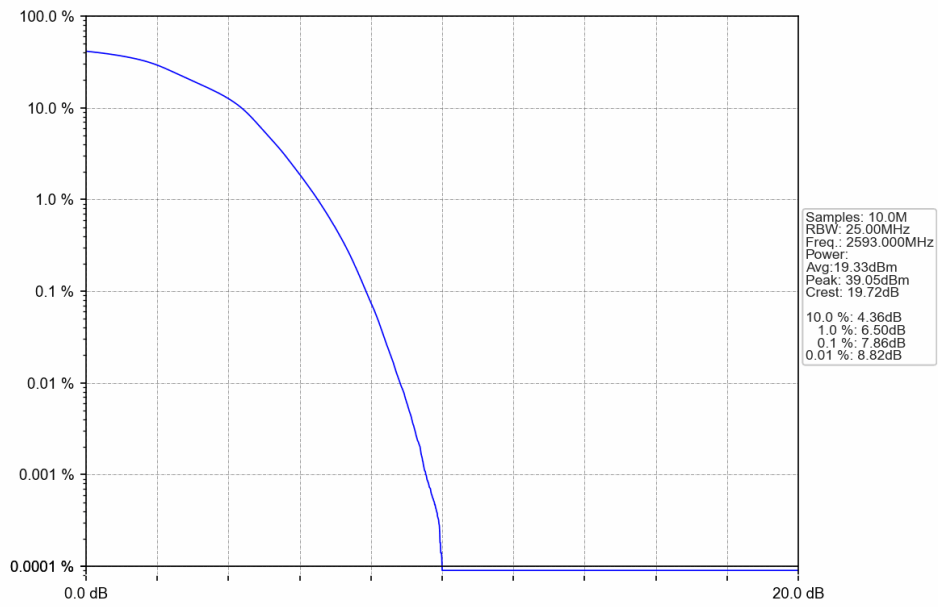
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



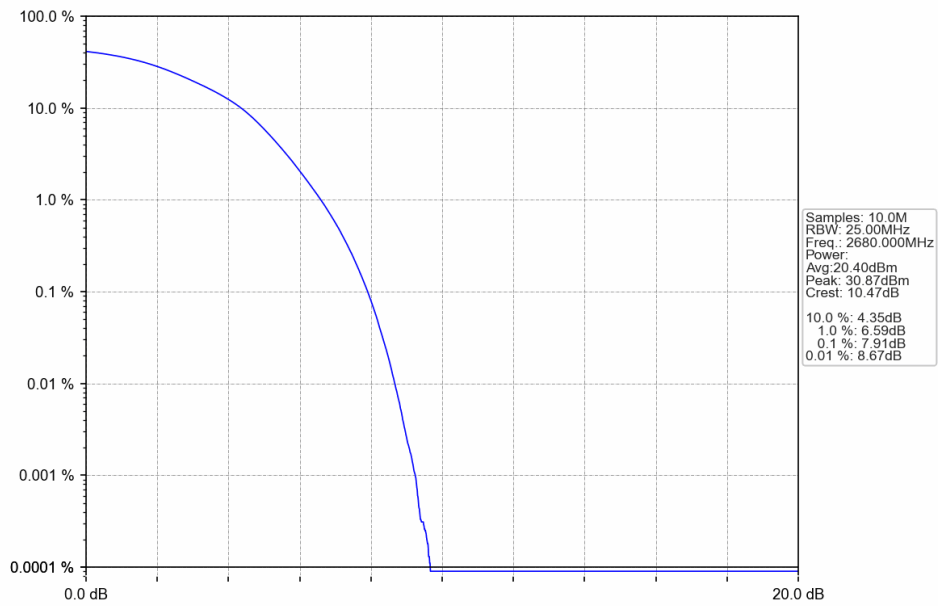
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



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



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



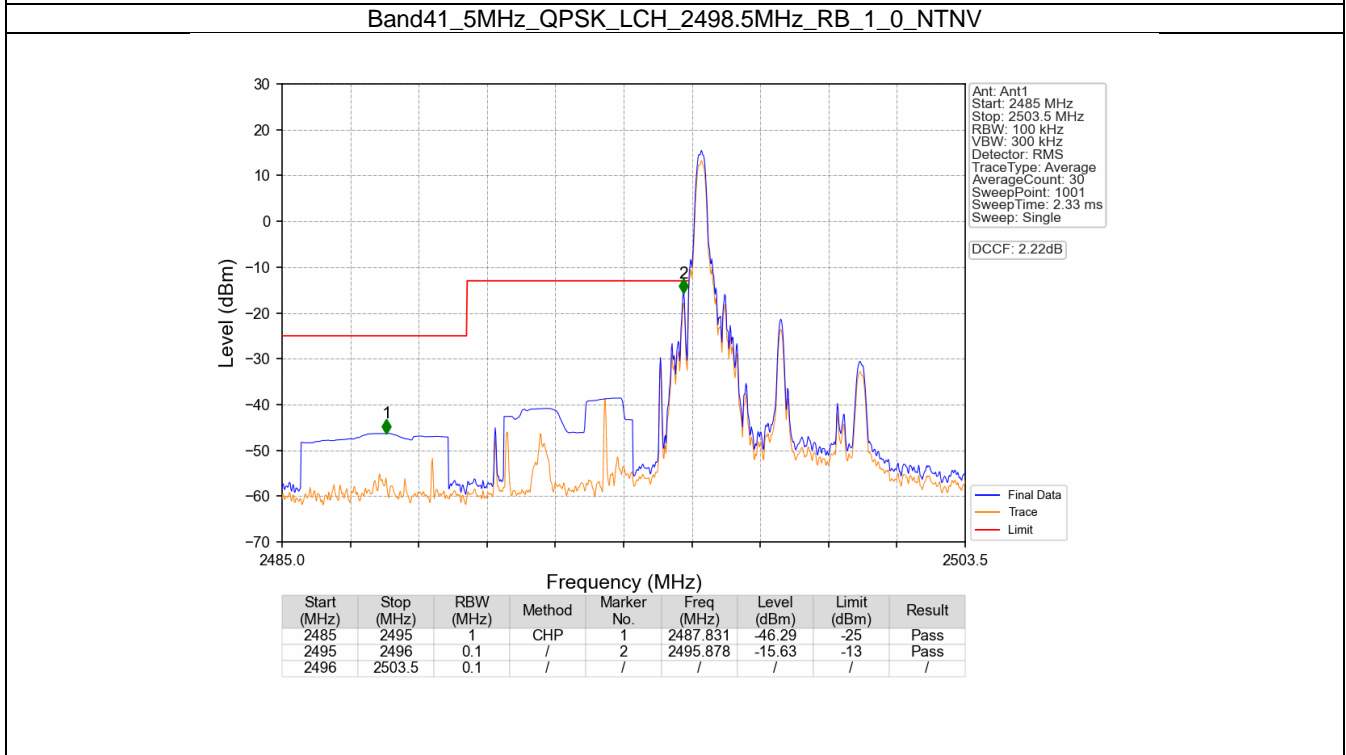
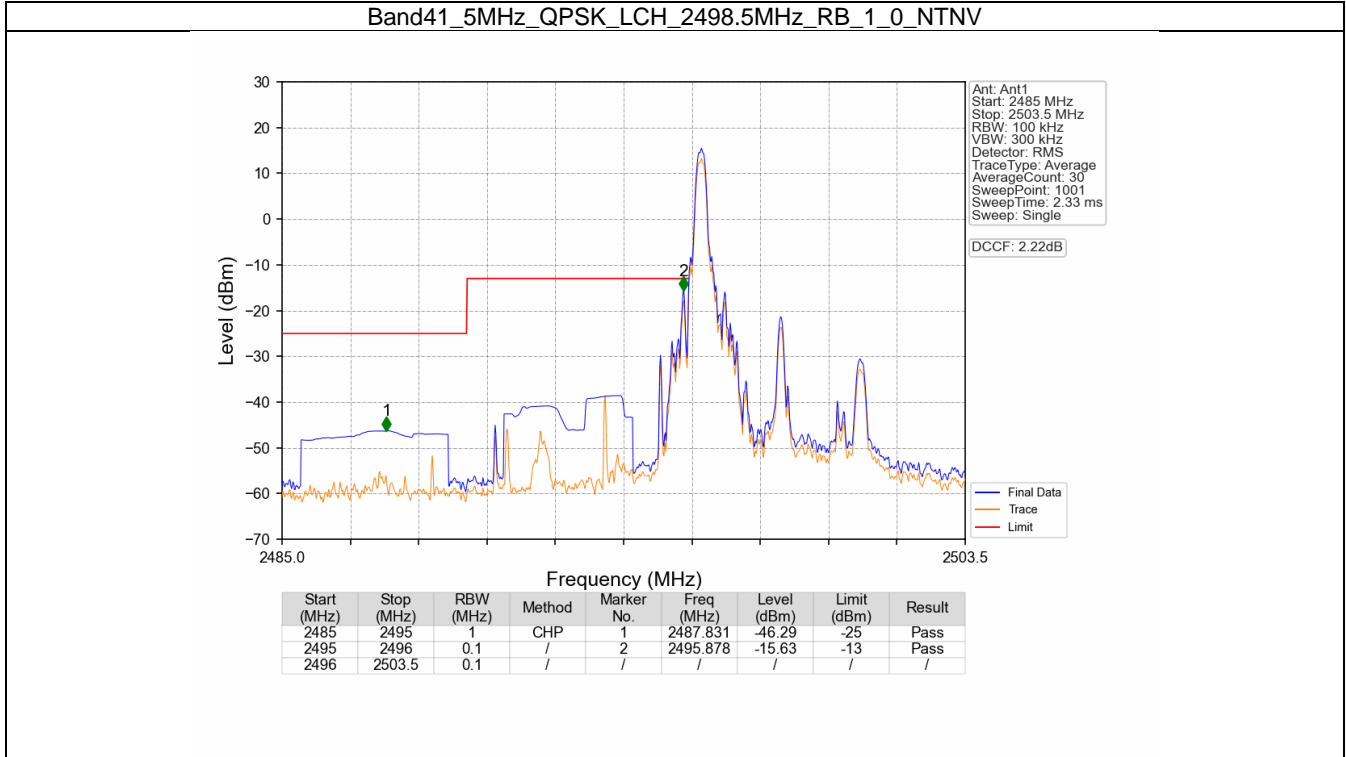
## 6. Spurious Emission

### 6.1 B41\_5MHz

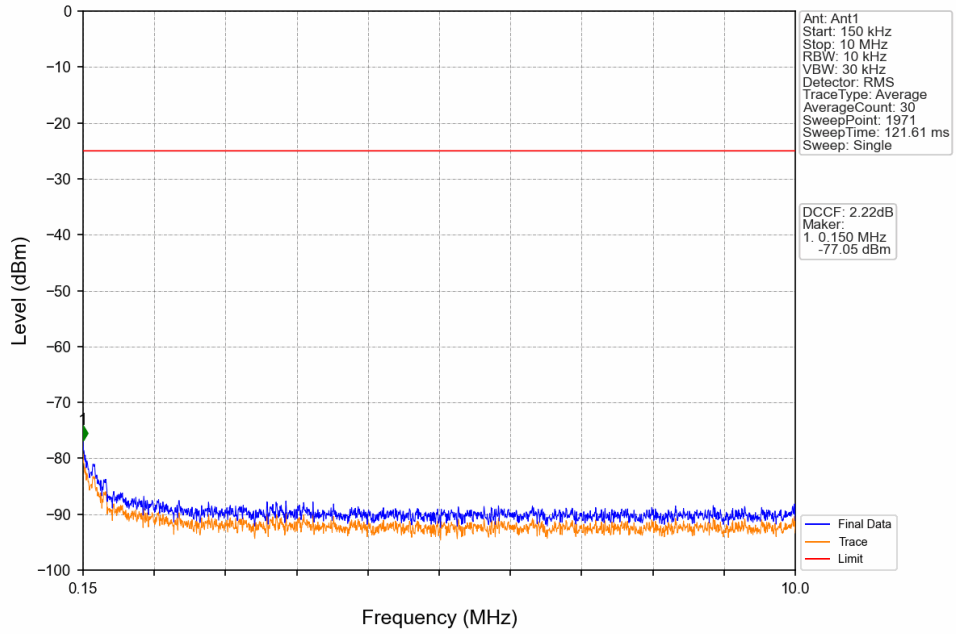
#### 6.1.1 Test Result

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	24	Refer To Test Graph		Pass
		25	0	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	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

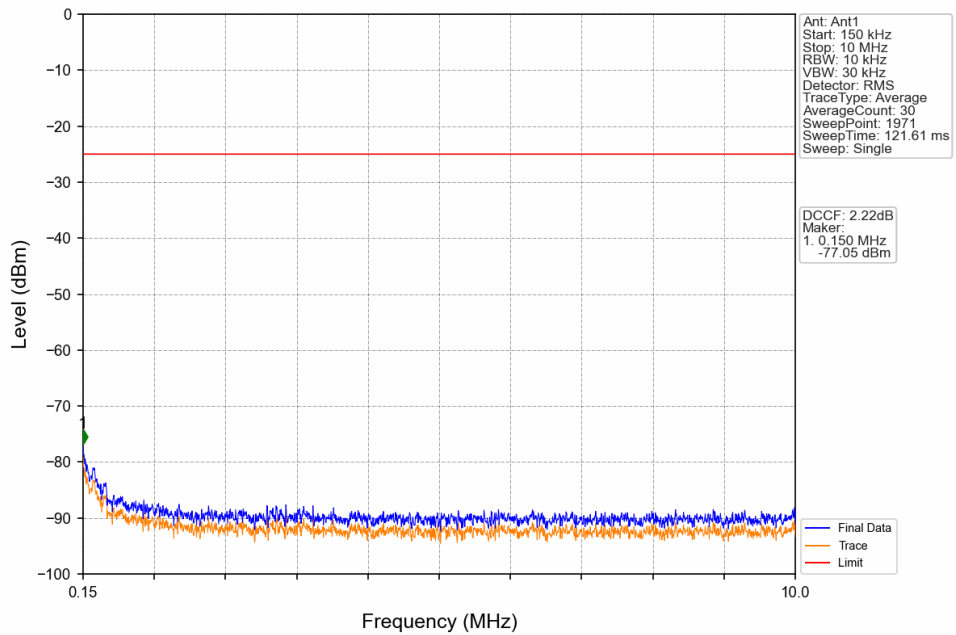
6.1.2 Test Graph



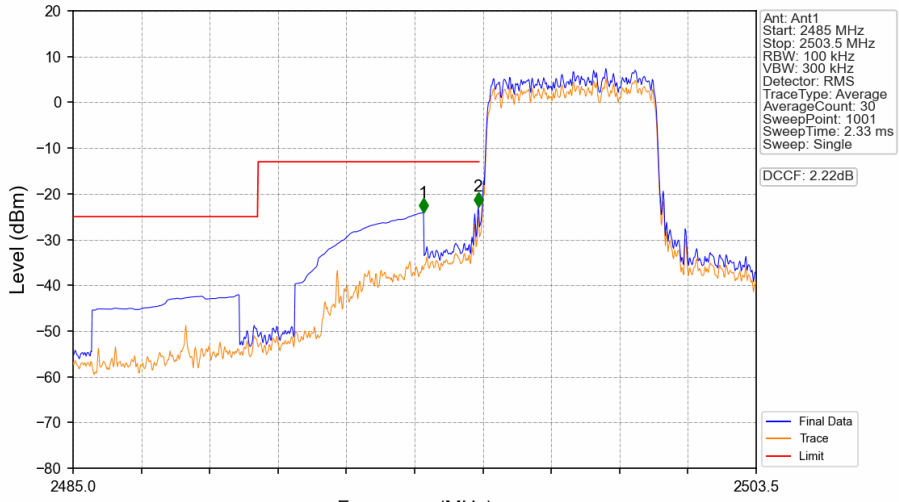
Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



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

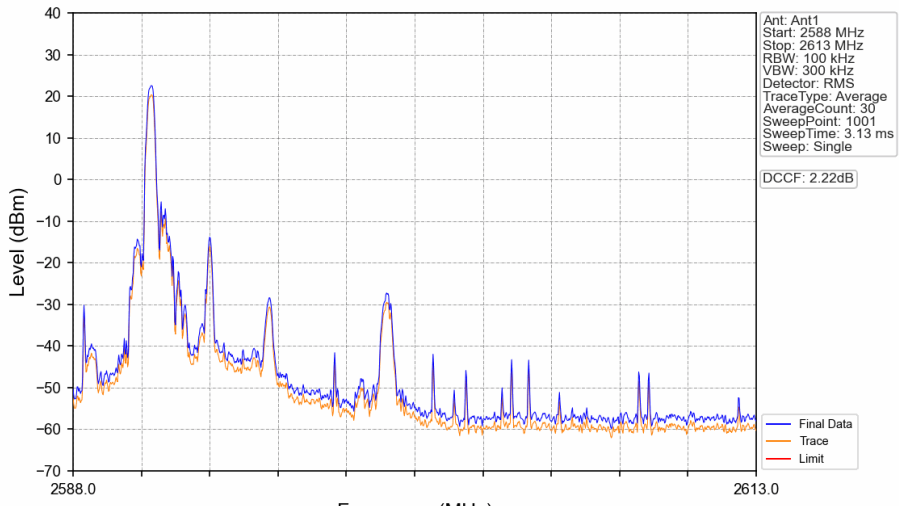


Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



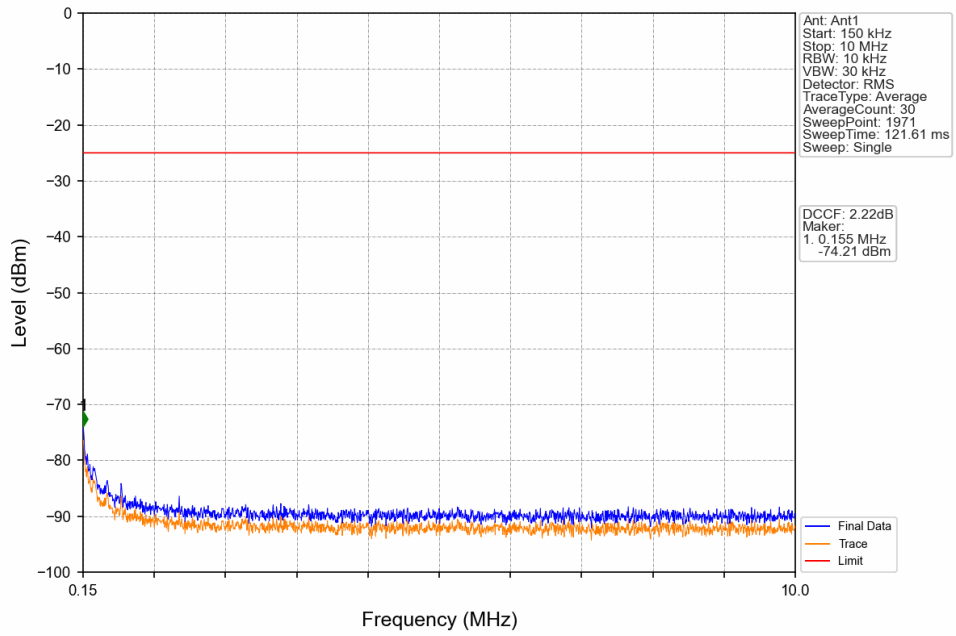
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.490	-24.08	-13	Pass
2495	2496	0.1	/	2	2495.970	-22.79	-13	Pass
2496	2503.5	0.109	/	/	/	/	/	/

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

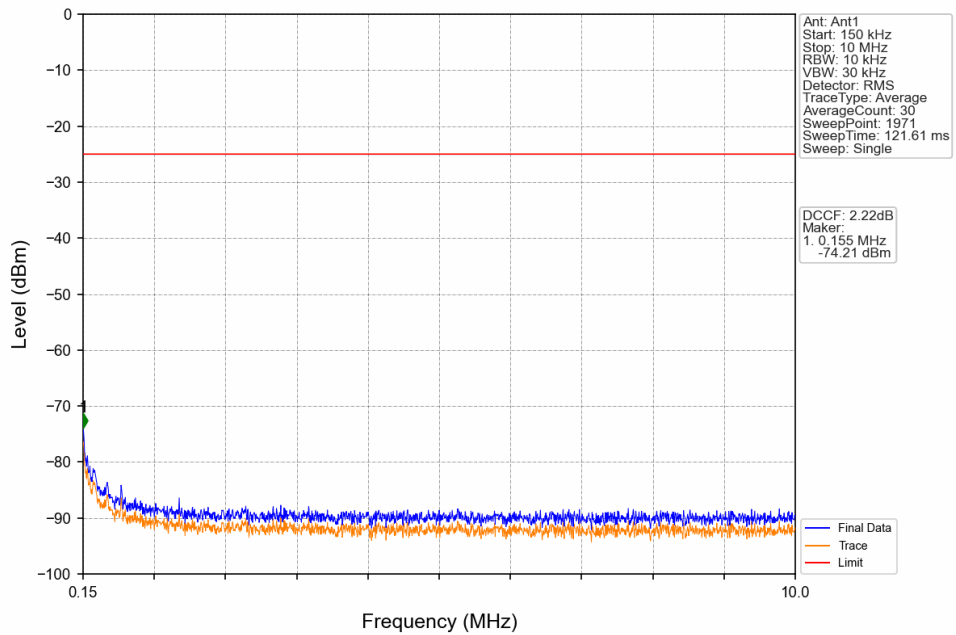


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2588	2613	0.1	/	/	/	/	/	/

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

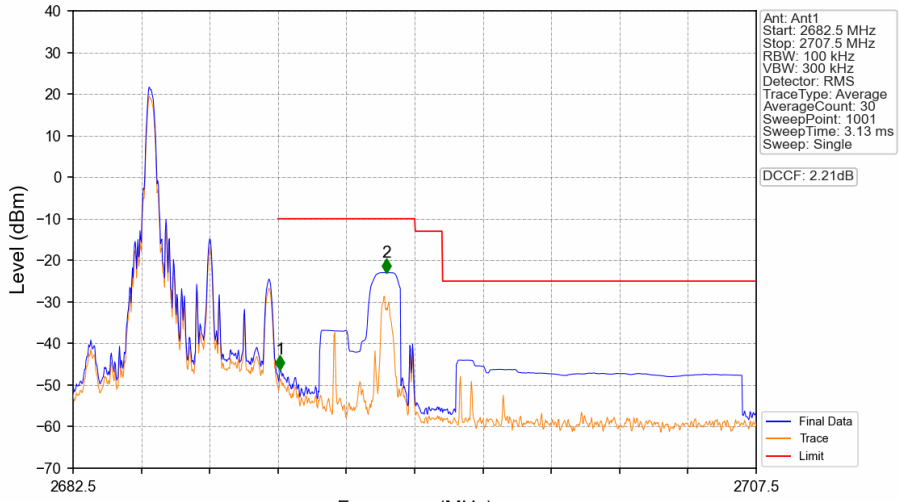


Band41\_5MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV





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



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	1	2690.075	-46.26	-10	Pass
2690	2691	0.1	/	1	2690.075	-46.26	-10	Pass
2691	2707.5	1	CHP	2	2693.975	-22.96	-10	Pass

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

