

# 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	24.52	0.47	24.99	<=33.01	Pass		
			13	24.66	0.47	25.13	<=33.01	Pass		
			24	24.66	0.47	25.13	<=33.01	Pass		
		12	0	23.62	0.47	24.09	<=33.01	Pass		
			6	23.79	0.47	24.26	<=33.01	Pass		
			13	23.66	0.47	24.13	<=33.01	Pass		
		25	0	23.61	0.47	24.08	<=33.01	Pass		
		2593	1	0	24.88	0.47	25.35	<=33.01	Pass	
				13	24.97	0.47	25.44	<=33.01	Pass	
	24			24.93	0.47	25.40	<=33.01	Pass		
	12		0	23.91	0.47	24.38	<=33.01	Pass		
			6	24.02	0.47	24.49	<=33.01	Pass		
			13	23.94	0.47	24.41	<=33.01	Pass		
	25	0	23.91	0.47	24.38	<=33.01	Pass			
	2687.5	1	0	25.41	0.47	25.88	<=33.01	Pass		
			13	25.44	0.47	25.91	<=33.01	Pass		
			24	25.36	0.47	25.83	<=33.01	Pass		
		12	0	24.37	0.47	24.84	<=33.01	Pass		
			6	24.45	0.47	24.92	<=33.01	Pass		
			13	24.36	0.47	24.83	<=33.01	Pass		
		25	0	24.40	0.47	24.87	<=33.01	Pass		
		16QAM	2498.5	1	0	23.64	0.47	24.11	<=33.01	Pass
					13	23.76	0.47	24.23	<=33.01	Pass
	24				23.63	0.47	24.10	<=33.01	Pass	
12	0			22.65	0.47	23.12	<=33.01	Pass		
	6			22.68	0.47	23.15	<=33.01	Pass		
	13			22.63	0.47	23.10	<=33.01	Pass		
25	0			22.63	0.47	23.10	<=33.01	Pass		
2593	1			0	24.05	0.47	24.52	<=33.01	Pass	
				13	23.96	0.47	24.43	<=33.01	Pass	
			24	23.98	0.47	24.45	<=33.01	Pass		
	12		0	22.90	0.47	23.37	<=33.01	Pass		
			6	23.03	0.47	23.50	<=33.01	Pass		
			13	22.88	0.47	23.35	<=33.01	Pass		
25	0		22.93	0.47	23.40	<=33.01	Pass			
2687.5	1		0	24.49	0.47	24.96	<=33.01	Pass		
			13	24.38	0.47	24.85	<=33.01	Pass		
			24	24.54	0.47	25.01	<=33.01	Pass		
	12		0	23.24	0.47	23.71	<=33.01	Pass		
			6	23.29	0.47	23.76	<=33.01	Pass		
			13	23.34	0.47	23.81	<=33.01	Pass		
	25		0	23.33	0.47	23.80	<=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	24.76	0.47	25.23	<=33.01	Pass		
			25	24.96	0.47	25.43	<=33.01	Pass		
			49	24.71	0.47	25.18	<=33.01	Pass		
		25	0	23.74	0.47	24.21	<=33.01	Pass		
			13	23.74	0.47	24.21	<=33.01	Pass		
			25	23.74	0.47	24.21	<=33.01	Pass		
		50	0	23.66	0.47	24.13	<=33.01	Pass		
		2593	1	0	25.01	0.47	25.48	<=33.01	Pass	
				25	25.25	0.47	25.72	<=33.01	Pass	
	49			25.02	0.47	25.49	<=33.01	Pass		
	25		0	24.02	0.47	24.49	<=33.01	Pass		
			13	24.05	0.47	24.52	<=33.01	Pass		
			25	24.03	0.47	24.50	<=33.01	Pass		
	50		0	24.01	0.47	24.48	<=33.01	Pass		
	2685		1	0	25.32	0.47	25.79	<=33.01	Pass	
				25	25.59	0.47	26.06	<=33.01	Pass	
		49		25.33	0.47	25.80	<=33.01	Pass		
		25	0	23.97	0.47	24.44	<=33.01	Pass		
			13	23.93	0.47	24.40	<=33.01	Pass		
			25	23.83	0.47	24.30	<=33.01	Pass		
		50	0	23.87	0.47	24.34	<=33.01	Pass		
		16QAM	2501	1	0	23.63	0.47	24.10	<=33.01	Pass
					25	24.02	0.47	24.49	<=33.01	Pass
	49				23.59	0.47	24.06	<=33.01	Pass	
25	0			22.63	0.47	23.10	<=33.01	Pass		
	13			22.68	0.47	23.15	<=33.01	Pass		
	25			22.67	0.47	23.14	<=33.01	Pass		
50	0			22.70	0.47	23.17	<=33.01	Pass		
2593	1			0	23.76	0.47	24.23	<=33.01	Pass	
				25	24.01	0.47	24.48	<=33.01	Pass	
			49	23.71	0.47	24.18	<=33.01	Pass		
	25		0	23.03	0.47	23.50	<=33.01	Pass		
			13	23.04	0.47	23.51	<=33.01	Pass		
			25	23.02	0.47	23.49	<=33.01	Pass		
	50		0	22.92	0.47	23.39	<=33.01	Pass		
	2685		1	0	23.67	0.47	24.14	<=33.01	Pass	
				25	24.10	0.47	24.57	<=33.01	Pass	
49				23.87	0.47	24.34	<=33.01	Pass		
25			0	22.92	0.47	23.39	<=33.01	Pass		
			13	22.96	0.47	23.43	<=33.01	Pass		
			25	22.85	0.47	23.32	<=33.01	Pass		
50			0	22.85	0.47	23.32	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

### 1.3 B41\_15MHz\_EIRP

#### 1.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2503.5	1	0	24.67	0.47	25.14	<=33.01	Pass		
			38	24.68	0.47	25.15	<=33.01	Pass		
			74	24.59	0.47	25.06	<=33.01	Pass		
		36	0	23.72	0.47	24.19	<=33.01	Pass		
			18	23.74	0.47	24.21	<=33.01	Pass		
			39	23.70	0.47	24.17	<=33.01	Pass		
		75	0	23.53	0.47	24.00	<=33.01	Pass		
		2593	1	0	24.84	0.47	25.31	<=33.01	Pass	
				38	24.97	0.47	25.44	<=33.01	Pass	
	74			24.54	0.47	25.01	<=33.01	Pass		
	36		0	23.75	0.47	24.22	<=33.01	Pass		
			18	23.87	0.47	24.34	<=33.01	Pass		
			39	23.85	0.47	24.32	<=33.01	Pass		
	75		0	23.86	0.47	24.33	<=33.01	Pass		
	2682.5		1	0	25.15	0.47	25.62	<=33.01	Pass	
				38	25.06	0.47	25.53	<=33.01	Pass	
		74		24.68	0.47	25.15	<=33.01	Pass		
		36	0	23.93	0.47	24.40	<=33.01	Pass		
			18	23.99	0.47	24.46	<=33.01	Pass		
			39	23.89	0.47	24.36	<=33.01	Pass		
		75	0	23.84	0.47	24.31	<=33.01	Pass		
		16QAM	2503.5	1	0	22.79	0.47	23.26	<=33.01	Pass
					38	23.58	0.47	24.05	<=33.01	Pass
	74				23.36	0.47	23.83	<=33.01	Pass	
36	0			22.16	0.47	22.63	<=33.01	Pass		
	18			22.36	0.47	22.83	<=33.01	Pass		
	39			22.42	0.47	22.89	<=33.01	Pass		
75	0			22.34	0.47	22.81	<=33.01	Pass		
2593	1			0	23.36	0.47	23.83	<=33.01	Pass	
				38	23.53	0.47	24.00	<=33.01	Pass	
			74	23.39	0.47	23.86	<=33.01	Pass		
	36		0	22.94	0.47	23.41	<=33.01	Pass		
			18	23.03	0.47	23.50	<=33.01	Pass		
			39	22.87	0.47	23.34	<=33.01	Pass		
	75		0	22.95	0.47	23.42	<=33.01	Pass		
	2682.5		1	0	23.67	0.47	24.14	<=33.01	Pass	
				38	23.88	0.47	24.35	<=33.01	Pass	
74				23.67	0.47	24.14	<=33.01	Pass		
36			0	22.86	0.47	23.33	<=33.01	Pass		
			18	22.87	0.47	23.34	<=33.01	Pass		
			39	22.79	0.47	23.26	<=33.01	Pass		
75			0	22.81	0.47	23.28	<=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	24.38	0.47	24.85	<=33.01	Pass
			50	24.71	0.47	25.18	<=33.01	Pass

		50	99	24.34	0.47	24.81	<=33.01	Pass		
			0	23.54	0.47	24.01	<=33.01	Pass		
			25	23.16	0.47	23.63	<=33.01	Pass		
		100	1	50	23.16	0.47	23.63	<=33.01	Pass	
				0	23.12	0.47	23.59	<=33.01	Pass	
				0	24.43	0.47	24.90	<=33.01	Pass	
		2593	50	50	24.76	0.47	25.23	<=33.01	Pass	
				99	24.16	0.47	24.63	<=33.01	Pass	
				0	23.48	0.47	23.95	<=33.01	Pass	
	100		50	25	23.45	0.47	23.92	<=33.01	Pass	
				50	23.37	0.47	23.84	<=33.01	Pass	
				0	23.42	0.47	23.89	<=33.01	Pass	
	2680		1	0	24.98	0.47	25.45	<=33.01	Pass	
				50	25.16	0.47	25.63	<=33.01	Pass	
				99	24.54	0.47	25.01	<=33.01	Pass	
		50	100	0	23.87	0.47	24.34	<=33.01	Pass	
				25	23.86	0.47	24.33	<=33.01	Pass	
				50	23.77	0.47	24.24	<=33.01	Pass	
		100	1	0	23.82	0.47	24.29	<=33.01	Pass	
				0	22.92	0.47	23.39	<=33.01	Pass	
				50	23.47	0.47	23.94	<=33.01	Pass	
	16QAM	2506	1	99	22.87	0.47	23.34	<=33.01	Pass	
				0	22.07	0.47	22.54	<=33.01	Pass	
				25	22.16	0.47	22.63	<=33.01	Pass	
			50	100	50	22.19	0.47	22.66	<=33.01	Pass
					0	22.15	0.47	22.62	<=33.01	Pass
					0	22.88	0.47	23.35	<=33.01	Pass
2593			1	50	23.43	0.47	23.90	<=33.01	Pass	
				99	23.34	0.47	23.81	<=33.01	Pass	
				0	22.54	0.47	23.01	<=33.01	Pass	
		50	100	25	22.84	0.47	23.31	<=33.01	Pass	
				50	22.71	0.47	23.18	<=33.01	Pass	
				0	22.89	0.47	23.36	<=33.01	Pass	
		2680	1	0	23.39	0.47	23.86	<=33.01	Pass	
				50	23.92	0.47	24.39	<=33.01	Pass	
				99	23.80	0.47	24.27	<=33.01	Pass	
50			100	0	22.86	0.47	23.33	<=33.01	Pass	
				25	22.87	0.47	23.34	<=33.01	Pass	
				50	22.73	0.47	23.20	<=33.01	Pass	
100			1	0	22.80	0.47	23.27	<=33.01	Pass	
				0	23.39	0.47	23.86	<=33.01	Pass	
				50	23.92	0.47	24.39	<=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	10.772	0.0043	-2.5 to 2.5	Pass
					3.85	10.328	0.0041	-2.5 to 2.5	Pass
					4.43	5.007	0.0020	-2.5 to 2.5	Pass

				-30	3.85	12.331	0.0049	-2.5 to 2.5	Pass			
				-20	3.85	17.467	0.0070	-2.5 to 2.5	Pass			
				-10	3.85	24.333	0.0097	-2.5 to 2.5	Pass			
				0	3.85	32.244	0.0129	-2.5 to 2.5	Pass			
				10	3.85	34.189	0.0137	-2.5 to 2.5	Pass			
				30	3.85	38.052	0.0152	-2.5 to 2.5	Pass			
				40	3.85	42.343	0.0169	-2.5 to 2.5	Pass			
	50	3.85	46.306	0.0185	-2.5 to 2.5	Pass						
	2593	25	0	20	3.27	-4.392	-0.0017	-2.5 to 2.5	Pass			
					3.85	-10.285	-0.0040	-2.5 to 2.5	Pass			
					4.43	-5.493	-0.0021	-2.5 to 2.5	Pass			
				-30	3.85	-1.903	-0.0007	-2.5 to 2.5	Pass			
				-20	3.85	-3.948	-0.0015	-2.5 to 2.5	Pass			
				-10	3.85	-0.286	-0.0001	-2.5 to 2.5	Pass			
				0	3.85	-6.380	-0.0025	-2.5 to 2.5	Pass			
				10	3.85	-1.845	-0.0007	-2.5 to 2.5	Pass			
				30	3.85	1.745	0.0007	-2.5 to 2.5	Pass			
				40	3.85	-25.778	-0.0099	-2.5 to 2.5	Pass			
				50	3.85	-12.131	-0.0047	-2.5 to 2.5	Pass			
				2687.5	25	0	20	3.27	-8.984	-0.0033	-2.5 to 2.5	Pass
								3.85	-41.685	-0.0155	-2.5 to 2.5	Pass
								4.43	-41.728	-0.0155	-2.5 to 2.5	Pass
	-30	3.85	-22.330				-0.0083	-2.5 to 2.5	Pass			
	-20	3.85	-32.687				-0.0122	-2.5 to 2.5	Pass			
	-10	3.85	-32.330				-0.0120	-2.5 to 2.5	Pass			
	0	3.85	-32.516				-0.0121	-2.5 to 2.5	Pass			
	10	3.85	-15.106				-0.0056	-2.5 to 2.5	Pass			
30	3.85	-23.317	-0.0087				-2.5 to 2.5	Pass				
40	3.85	-17.767	-0.0066				-2.5 to 2.5	Pass				
50	3.85	12.817	0.0048				-2.5 to 2.5	Pass				
16QAM	2498.5	25	0	20	3.27	51.355	0.0206	-2.5 to 2.5	Pass			
					3.85	60.897	0.0244	-2.5 to 2.5	Pass			
					4.43	64.402	0.0258	-2.5 to 2.5	Pass			
				-30	3.85	63.787	0.0255	-2.5 to 2.5	Pass			
				-20	3.85	69.580	0.0278	-2.5 to 2.5	Pass			
				-10	3.85	70.453	0.0282	-2.5 to 2.5	Pass			
				0	3.85	-3.333	-0.0013	-2.5 to 2.5	Pass			
				10	3.85	-8.883	-0.0036	-2.5 to 2.5	Pass			
				30	3.85	-5.879	-0.0024	-2.5 to 2.5	Pass			
				40	3.85	-5.879	-0.0024	-2.5 to 2.5	Pass			
				50	3.85	-6.795	-0.0027	-2.5 to 2.5	Pass			
				2593	25	0	20	3.27	-4.392	-0.0017	-2.5 to 2.5	Pass
								3.85	-5.207	-0.0020	-2.5 to 2.5	Pass
								4.43	-10.371	-0.0040	-2.5 to 2.5	Pass
	-30	3.85	-6.266				-0.0024	-2.5 to 2.5	Pass			
	-20	3.85	-9.356				-0.0036	-2.5 to 2.5	Pass			
	-10	3.85	-8.726				-0.0034	-2.5 to 2.5	Pass			
	0	3.85	-9.971				-0.0038	-2.5 to 2.5	Pass			
	10	3.85	-2.804				-0.0011	-2.5 to 2.5	Pass			
	30	3.85	-2.618				-0.0010	-2.5 to 2.5	Pass			
	40	3.85	-8.440				-0.0033	-2.5 to 2.5	Pass			
	50	3.85	-8.154				-0.0031	-2.5 to 2.5	Pass			
	2687.5	25	0	20	3.27	28.367	0.0106	-2.5 to 2.5	Pass			
					3.85	48.180	0.0179	-2.5 to 2.5	Pass			
					4.43	58.837	0.0219	-2.5 to 2.5	Pass			
				-30	3.85	56.777	0.0211	-2.5 to 2.5	Pass			
	-20	3.85	2.575	0.0010	-2.5 to 2.5	Pass						

				-10	3.85	-12.217	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-9.313	-0.0035	-2.5 to 2.5	Pass
				10	3.85	0.558	0.0002	-2.5 to 2.5	Pass
				30	3.85	-8.740	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-10.557	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-4.478	-0.0017	-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	-9.456	-0.0038	-2.5 to 2.5	Pass	
					3.85	-8.626	-0.0034	-2.5 to 2.5	Pass	
					4.43	-1.717	-0.0007	-2.5 to 2.5	Pass	
				-30	3.85	-8.984	-0.0036	-2.5 to 2.5	Pass	
					-20	3.85	-8.926	-0.0036	-2.5 to 2.5	Pass
						-10	3.85	-1.874	-0.0007	-2.5 to 2.5
				0	3.85	-1.130	-0.0005	-2.5 to 2.5	Pass	
					10	3.85	-1.273	-0.0005	-2.5 to 2.5	Pass
					30	3.85	2.832	0.0011	-2.5 to 2.5	Pass
	40	3.85	-5.865	-0.0023	-2.5 to 2.5	Pass				
		50	3.85	-8.912	-0.0036	-2.5 to 2.5	Pass			
	2593	50	0	20	3.27	-13.561	-0.0052	-2.5 to 2.5	Pass	
					3.85	-4.706	-0.0018	-2.5 to 2.5	Pass	
					4.43	-13.461	-0.0052	-2.5 to 2.5	Pass	
				-30	3.85	-9.255	-0.0036	-2.5 to 2.5	Pass	
					-20	3.85	-9.913	-0.0038	-2.5 to 2.5	Pass
						-10	3.85	-13.204	-0.0051	-2.5 to 2.5
				0	3.85	-13.003	-0.0050	-2.5 to 2.5	Pass	
					10	3.85	-12.760	-0.0049	-2.5 to 2.5	Pass
					30	3.85	-11.215	-0.0043	-2.5 to 2.5	Pass
	40	3.85	-11.916	-0.0046	-2.5 to 2.5	Pass				
		50	3.85	-19.097	-0.0074	-2.5 to 2.5	Pass			
	2685	50	0	20	3.27	-26.164	-0.0097	-2.5 to 2.5	Pass	
					3.85	-24.376	-0.0091	-2.5 to 2.5	Pass	
					4.43	-3.490	-0.0013	-2.5 to 2.5	Pass	
				-30	3.85	-2.260	-0.0008	-2.5 to 2.5	Pass	
					-20	3.85	-5.479	-0.0020	-2.5 to 2.5	Pass
-10						3.85	-16.251	-0.0061	-2.5 to 2.5	Pass
0				3.85	-17.352	-0.0065	-2.5 to 2.5	Pass		
				10	3.85	-6.938	-0.0026	-2.5 to 2.5	Pass	
				30	3.85	-19.426	-0.0072	-2.5 to 2.5	Pass	
40	3.85	-1.802	-0.0007	-2.5 to 2.5	Pass					
	50	3.85	-0.029	0.0000	-2.5 to 2.5	Pass				
16QAM	2501	50	0	20	3.27	-10.128	-0.0040	-2.5 to 2.5	Pass	
					3.85	-15.078	-0.0060	-2.5 to 2.5	Pass	
					4.43	-12.531	-0.0050	-2.5 to 2.5	Pass	
				-30	3.85	-7.010	-0.0028	-2.5 to 2.5	Pass	
					-20	3.85	-7.324	-0.0029	-2.5 to 2.5	Pass
				-10		3.85	-15.850	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-7.324	-0.0029	-2.5 to 2.5	Pass	
10	3.85	-15.593	-0.0062		-2.5 to 2.5	Pass				

	2593	50	0	30	3.85	-13.318	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-8.168	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-7.768	-0.0031	-2.5 to 2.5	Pass
				20	3.27	-4.463	-0.0017	-2.5 to 2.5	Pass
					3.85	-15.936	-0.0061	-2.5 to 2.5	Pass
					4.43	-13.561	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-3.719	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-17.238	-0.0066	-2.5 to 2.5	Pass
				-10	3.85	-1.988	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-15.979	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-3.204	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-7.939	-0.0031	-2.5 to 2.5	Pass
	40	3.85	-14.148	-0.0055	-2.5 to 2.5	Pass			
	50	3.85	-20.127	-0.0078	-2.5 to 2.5	Pass			
	2685	50	0	20	3.27	-4.420	-0.0016	-2.5 to 2.5	Pass
					3.85	-5.021	-0.0019	-2.5 to 2.5	Pass
					4.43	-3.276	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-18.582	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-8.726	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-3.734	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-14.806	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-5.994	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-7.482	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-19.913	-0.0074	-2.5 to 2.5	Pass
50				3.85	-7.954	-0.0030	-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	-5.879	-0.0023	-2.5 to 2.5	Pass
					3.85	-4.249	-0.0017	-2.5 to 2.5	Pass
					4.43	-4.177	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-15.378	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-10.829	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-6.409	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-10.200	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-5.636	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-7.796	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-6.323	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-5.322	-0.0021	-2.5 to 2.5	Pass
				2593	75	0	20	3.27	-12.760
	3.85	-12.717	-0.0049					-2.5 to 2.5	Pass
	4.43	-9.642	-0.0037					-2.5 to 2.5	Pass
	-30	3.85	-12.674				-0.0049	-2.5 to 2.5	Pass
	-20	3.85	-12.016				-0.0046	-2.5 to 2.5	Pass
	-10	3.85	-8.454				-0.0033	-2.5 to 2.5	Pass
	0	3.85	-5.693				-0.0022	-2.5 to 2.5	Pass
	10	3.85	-6.824				-0.0026	-2.5 to 2.5	Pass
	30	3.85	-2.689				-0.0010	-2.5 to 2.5	Pass
	40	3.85	-9.713				-0.0037	-2.5 to 2.5	Pass
	50	3.85	-2.131				-0.0008	-2.5 to 2.5	Pass

	2682.5	75	0	20	3.27	-24.791	-0.0092	-2.5 to 2.5	Pass
					3.85	-4.106	-0.0015	-2.5 to 2.5	Pass
					4.43	-3.190	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-5.765	-0.0021	-2.5 to 2.5	Pass
					-20	3.85	-24.877	-0.0093	-2.5 to 2.5
				-10	3.85	-18.082	-0.0067	-2.5 to 2.5	Pass
					0	3.85	-21.572	-0.0080	-2.5 to 2.5
				10	3.85	-22.001	-0.0082	-2.5 to 2.5	Pass
					30	3.85	-22.516	-0.0084	-2.5 to 2.5
				40	3.85	-15.850	-0.0059	-2.5 to 2.5	Pass
50	3.85	-7.439	-0.0028		-2.5 to 2.5	Pass			
16QAM	2503.5	75	0	20	3.27	-6.595	-0.0026	-2.5 to 2.5	Pass
					3.85	-2.704	-0.0011	-2.5 to 2.5	Pass
					4.43	-12.875	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-1.330	-0.0005	-2.5 to 2.5	Pass
					-20	3.85	-6.151	-0.0025	-2.5 to 2.5
				-10	3.85	-9.170	-0.0037	-2.5 to 2.5	Pass
					0	3.85	-3.390	-0.0014	-2.5 to 2.5
				10	3.85	-9.642	-0.0039	-2.5 to 2.5	Pass
					30	3.85	-11.129	-0.0044	-2.5 to 2.5
				40	3.85	-10.471	-0.0042	-2.5 to 2.5	Pass
	50	3.85	-14.706		-0.0059	-2.5 to 2.5	Pass		
	2593	75	0	20	3.27	-9.656	-0.0037	-2.5 to 2.5	Pass
					3.85	-9.885	-0.0038	-2.5 to 2.5	Pass
					4.43	-5.951	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-12.460	-0.0048	-2.5 to 2.5	Pass
					-20	3.85	-11.444	-0.0044	-2.5 to 2.5
				-10	3.85	-4.592	-0.0018	-2.5 to 2.5	Pass
					0	3.85	-3.405	-0.0013	-2.5 to 2.5
				10	3.85	-10.343	-0.0040	-2.5 to 2.5	Pass
					30	3.85	-0.973	-0.0004	-2.5 to 2.5
				40	3.85	-11.315	-0.0044	-2.5 to 2.5	Pass
	50	3.85	-11.702		-0.0045	-2.5 to 2.5	Pass		
	2682.5	75	0	20	3.27	-17.967	-0.0067	-2.5 to 2.5	Pass
					3.85	-12.217	-0.0046	-2.5 to 2.5	Pass
					4.43	-6.652	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-5.093	-0.0019	-2.5 to 2.5	Pass
					-20	3.85	-7.310	-0.0027	-2.5 to 2.5
				-10	3.85	-5.808	-0.0022	-2.5 to 2.5	Pass
0					3.85	-17.066	-0.0064	-2.5 to 2.5	Pass
10				3.85	-13.304	-0.0050	-2.5 to 2.5	Pass	
				30	3.85	-5.980	-0.0022	-2.5 to 2.5	Pass
40				3.85	-20.413	-0.0076	-2.5 to 2.5	Pass	
	50	3.85	-21.572	-0.0080	-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	-15.135	-0.0060	-2.5 to 2.5	Pass				
									3.85	-7.410	-0.0030	-2.5 to 2.5	Pass
									4.43	-4.978	-0.0020	-2.5 to 2.5	Pass



				-30	3.85	-4.106	-0.0016	-2.5 to 2.5	Pass			
				-20	3.85	0.014	0.0000	-2.5 to 2.5	Pass			
				-10	3.85	-6.437	-0.0026	-2.5 to 2.5	Pass			
				0	3.85	-0.672	-0.0003	-2.5 to 2.5	Pass			
				10	3.85	-2.775	-0.0011	-2.5 to 2.5	Pass			
				30	3.85	-4.807	-0.0019	-2.5 to 2.5	Pass			
				40	3.85	-9.685	-0.0039	-2.5 to 2.5	Pass			
				50	3.85	1.774	0.0007	-2.5 to 2.5	Pass			
				20	3.27	-12.760	-0.0049	-2.5 to 2.5	Pass			
					3.85	-3.347	-0.0013	-2.5 to 2.5	Pass			
	4.43	-9.184	-0.0035		-2.5 to 2.5	Pass						
	-30	3.85	-10.872	-0.0042	-2.5 to 2.5	Pass						
	-20	3.85	-0.386	-0.0001	-2.5 to 2.5	Pass						
	-10	3.85	-2.389	-0.0009	-2.5 to 2.5	Pass						
	0	3.85	-9.899	-0.0038	-2.5 to 2.5	Pass						
	10	3.85	-12.789	-0.0049	-2.5 to 2.5	Pass						
	30	3.85	-17.166	-0.0066	-2.5 to 2.5	Pass						
	40	3.85	-4.005	-0.0015	-2.5 to 2.5	Pass						
	50	3.85	-11.258	-0.0043	-2.5 to 2.5	Pass						
	2593	100	0	20	3.27	-13.819	-0.0052	-2.5 to 2.5	Pass			
					3.85	-18.168	-0.0068	-2.5 to 2.5	Pass			
					4.43	-7.138	-0.0027	-2.5 to 2.5	Pass			
				-30	3.85	-14.477	-0.0054	-2.5 to 2.5	Pass			
				-20	3.85	-3.233	-0.0012	-2.5 to 2.5	Pass			
				-10	3.85	-16.694	-0.0062	-2.5 to 2.5	Pass			
				0	3.85	-12.131	-0.0045	-2.5 to 2.5	Pass			
				10	3.85	-8.540	-0.0032	-2.5 to 2.5	Pass			
				30	3.85	-5.565	-0.0021	-2.5 to 2.5	Pass			
				40	3.85	-18.654	-0.0070	-2.5 to 2.5	Pass			
	50	3.85	-4.892	-0.0018	-2.5 to 2.5	Pass						
2680	100	0	20	3.27	-7.582	-0.0030	-2.5 to 2.5	Pass				
				3.85	-5.951	-0.0024	-2.5 to 2.5	Pass				
				4.43	-8.740	-0.0035	-2.5 to 2.5	Pass				
			-30	3.85	-3.548	-0.0014	-2.5 to 2.5	Pass				
			-20	3.85	-9.398	-0.0038	-2.5 to 2.5	Pass				
			-10	3.85	-11.544	-0.0046	-2.5 to 2.5	Pass				
			0	3.85	-15.192	-0.0061	-2.5 to 2.5	Pass				
			10	3.85	-6.294	-0.0025	-2.5 to 2.5	Pass				
			30	3.85	-7.339	-0.0029	-2.5 to 2.5	Pass				
			40	3.85	-14.048	-0.0056	-2.5 to 2.5	Pass				
50	3.85	-11.444	-0.0046	-2.5 to 2.5	Pass							
16QAM	2506	100	0	20	3.27	-1.001	-0.0004	-2.5 to 2.5	Pass			
					3.85	-11.530	-0.0044	-2.5 to 2.5	Pass			
					4.43	-11.458	-0.0044	-2.5 to 2.5	Pass			
				-30	3.85	-1.760	-0.0007	-2.5 to 2.5	Pass			
				-20	3.85	-0.687	-0.0003	-2.5 to 2.5	Pass			
				-10	3.85	-6.838	-0.0026	-2.5 to 2.5	Pass			
				0	3.85	-1.259	-0.0005	-2.5 to 2.5	Pass			
				10	3.85	-9.184	-0.0035	-2.5 to 2.5	Pass			
				30	3.85	-1.960	-0.0008	-2.5 to 2.5	Pass			
				40	3.85	-10.443	-0.0040	-2.5 to 2.5	Pass			
	50	3.85	-12.488	-0.0048	-2.5 to 2.5	Pass						
	2593	100	0	20	3.27	-10.958	-0.0041	-2.5 to 2.5	Pass			
					3.85	-11.516	-0.0043	-2.5 to 2.5	Pass			
					4.43	-18.110	-0.0068	-2.5 to 2.5	Pass			
				-30	3.85	-9.298	-0.0035	-2.5 to 2.5	Pass			
				-20	3.85	-5.751	-0.0021	-2.5 to 2.5	Pass			
				2680	100	0	20	3.27	-10.958	-0.0041	-2.5 to 2.5	Pass
								3.85	-11.516	-0.0043	-2.5 to 2.5	Pass
								4.43	-18.110	-0.0068	-2.5 to 2.5	Pass
							-30	3.85	-9.298	-0.0035	-2.5 to 2.5	Pass
							-20	3.85	-5.751	-0.0021	-2.5 to 2.5	Pass

				-10	3.85	-12.016	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-7.539	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-8.984	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-7.710	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-1.173	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-4.120	-0.0015	-2.5 to 2.5	Pass

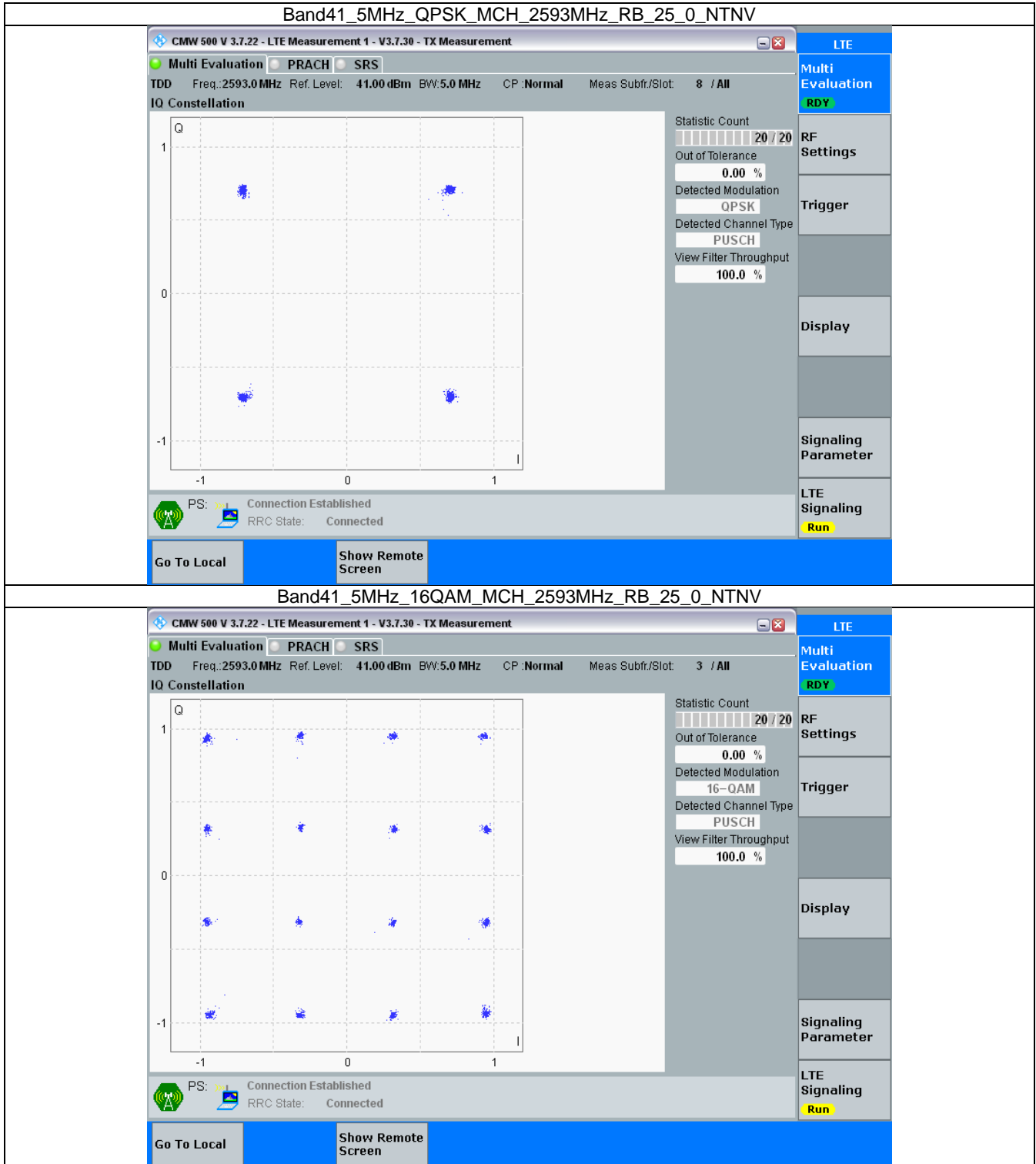
### 3. Modulation Characteristics

#### 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

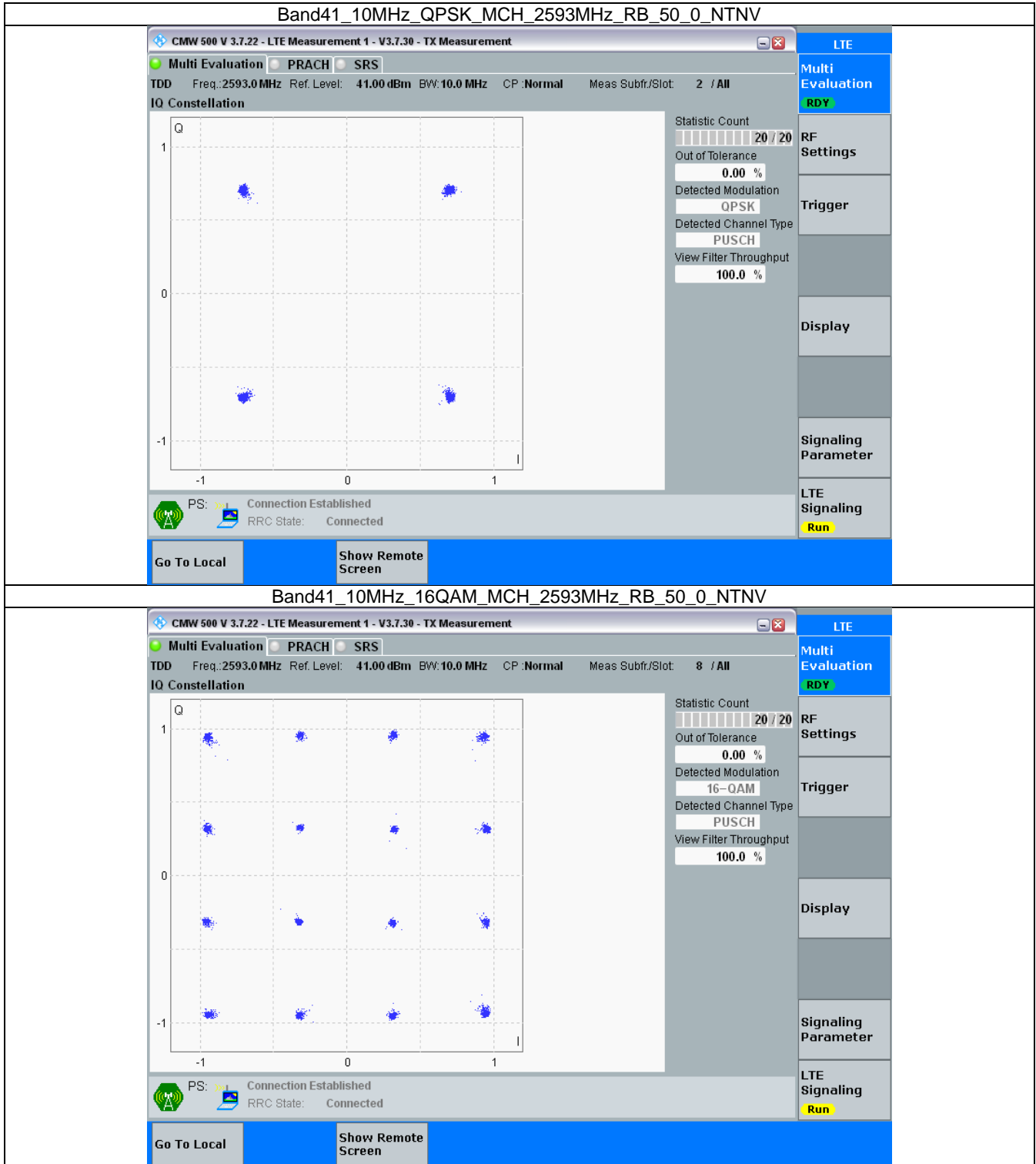


### 3.2 B41\_10MHz

#### 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

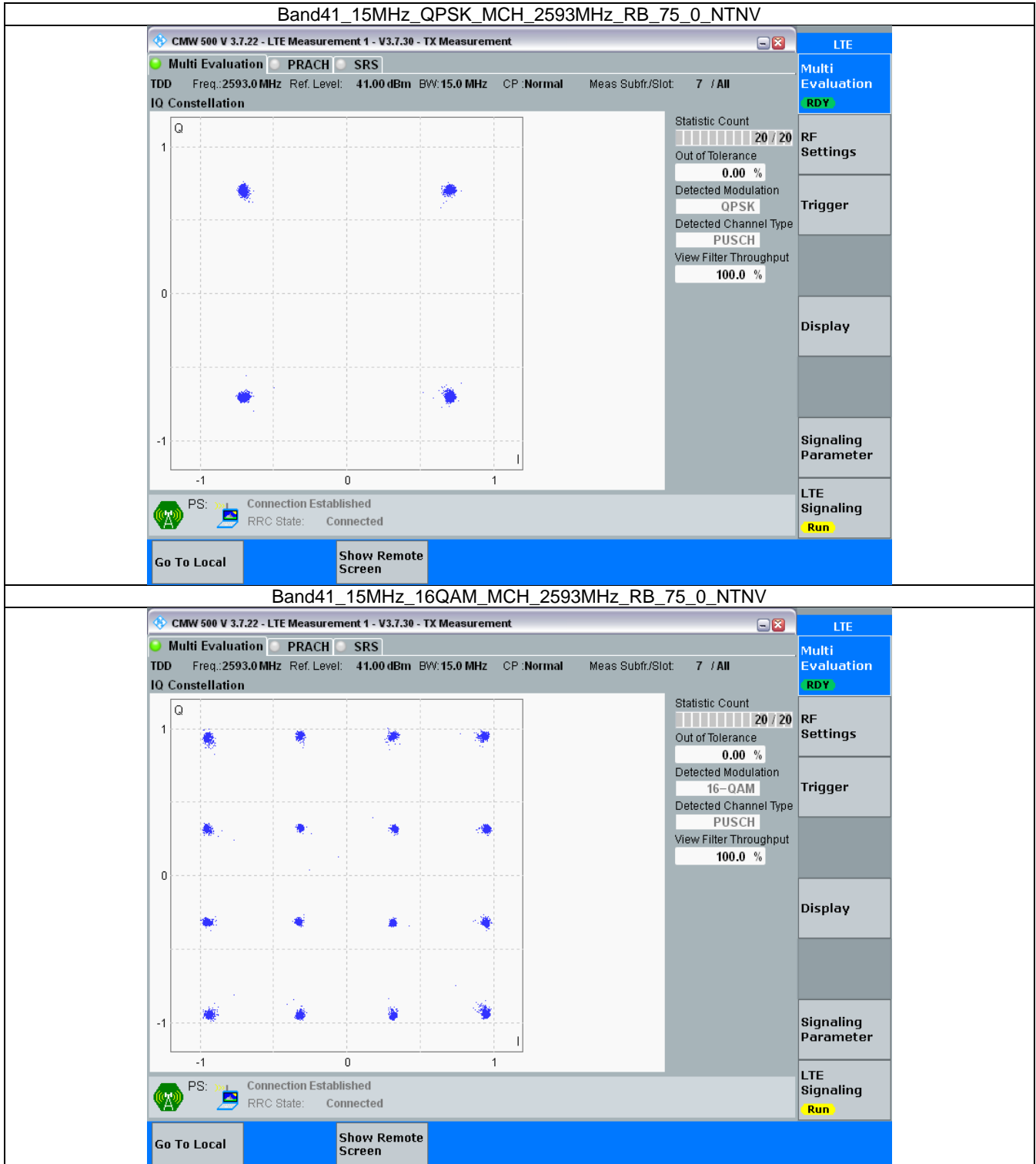


### 3.3 B41\_15MHz

#### 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



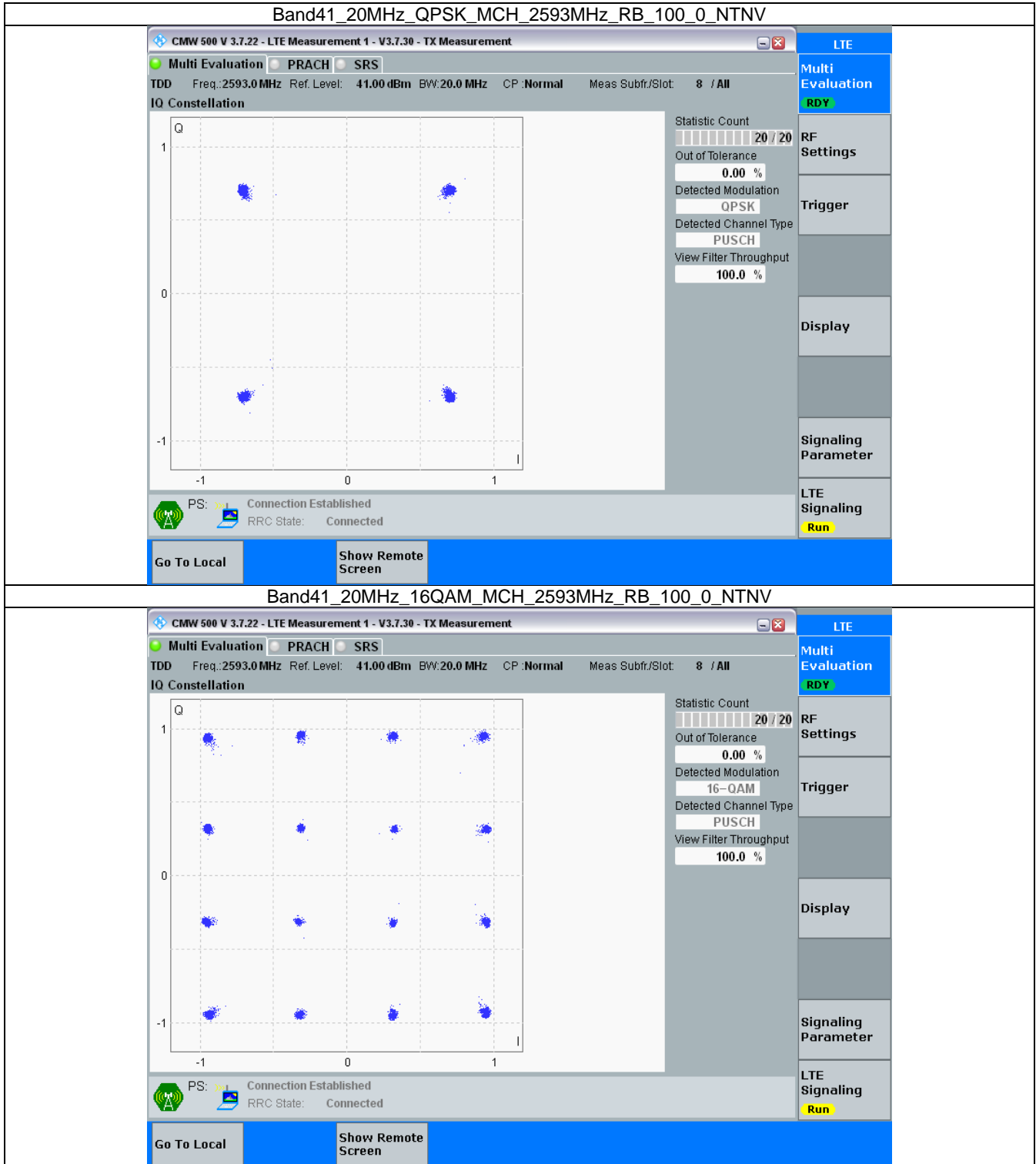
### 3.4 B41\_20MHz

#### 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



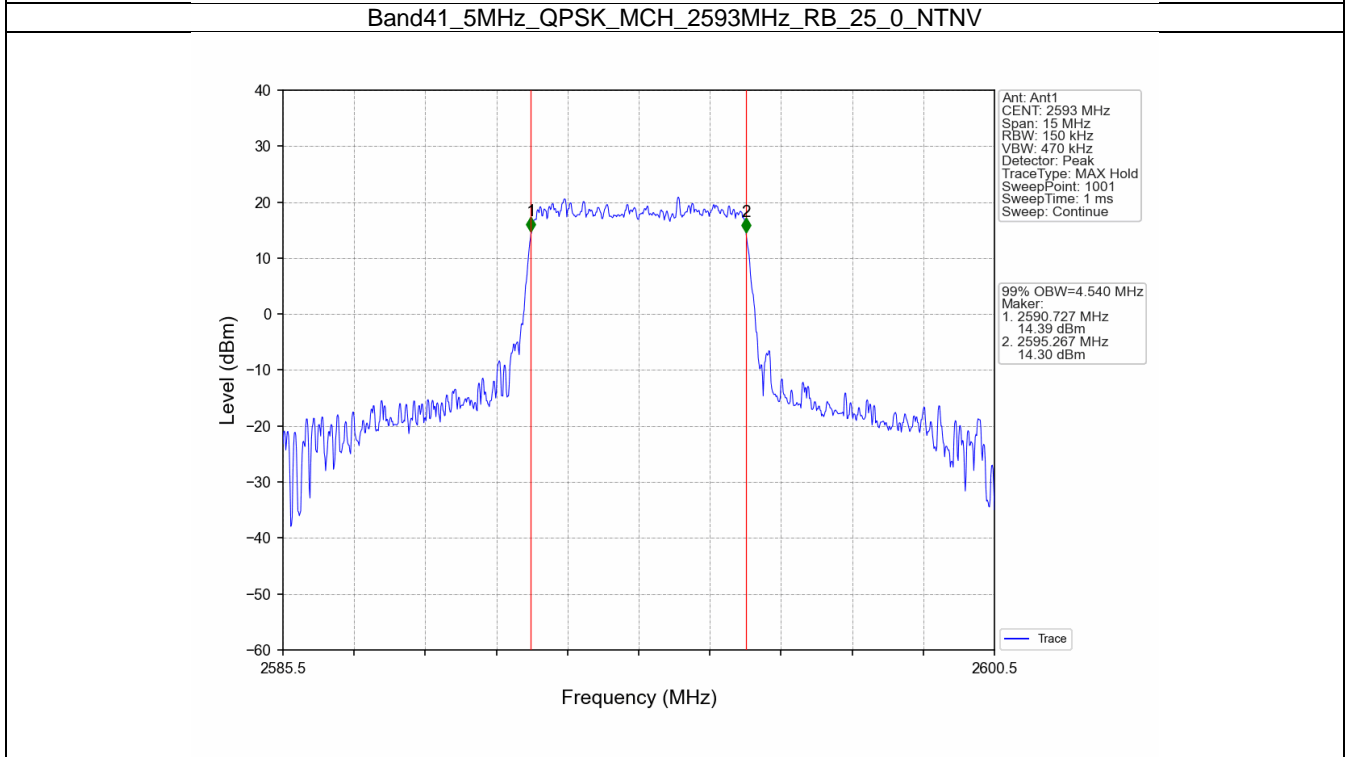
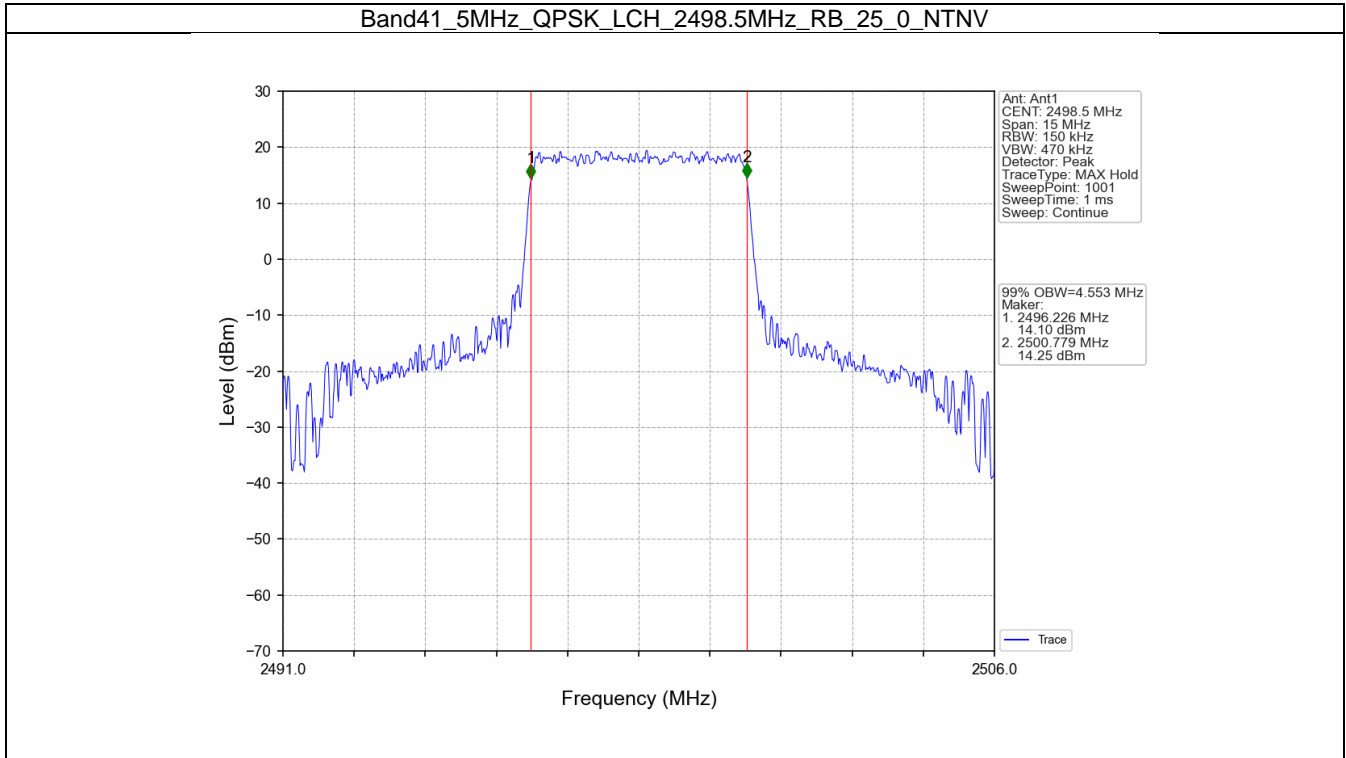
## 4. 99% & 26dB Bandwidth

### 4.1 Band41\_OBW

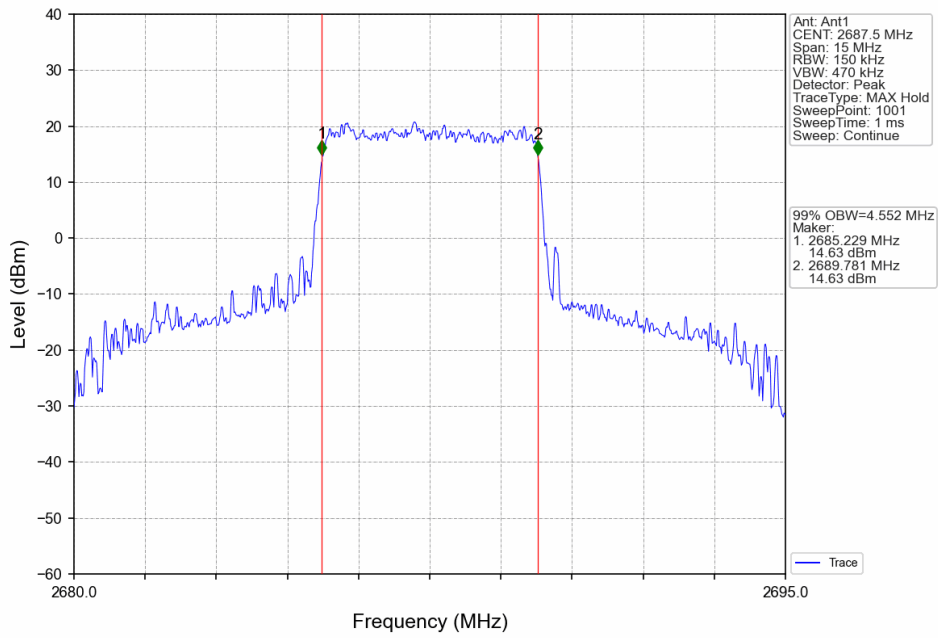
#### 4.1.1 Test Result

Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	4.553	Pass
		2593	25	0	4.540	Pass
		2687.5	25	0	4.552	Pass
	16QAM	2498.5	25	0	4.542	Pass
		2593	25	0	4.525	Pass
		2687.5	25	0	4.545	Pass
10	QPSK	2501	50	0	9.061	Pass
		2593	50	0	9.056	Pass
		2685	50	0	9.049	Pass
	16QAM	2501	50	0	9.079	Pass
		2593	50	0	9.050	Pass
		2685	50	0	9.064	Pass
15	QPSK	2503.5	75	0	13.569	Pass
		2593	75	0	13.580	Pass
		2682.5	75	0	13.623	Pass
	16QAM	2503.5	75	0	13.636	Pass
		2593	75	0	13.598	Pass
		2682.5	75	0	13.599	Pass
20	QPSK	2506	100	0	18.097	Pass
		2593	100	0	18.099	Pass
		2680	100	0	18.143	Pass
	16QAM	2506	100	0	18.104	Pass
		2593	100	0	18.140	Pass
		2680	100	0	18.057	Pass

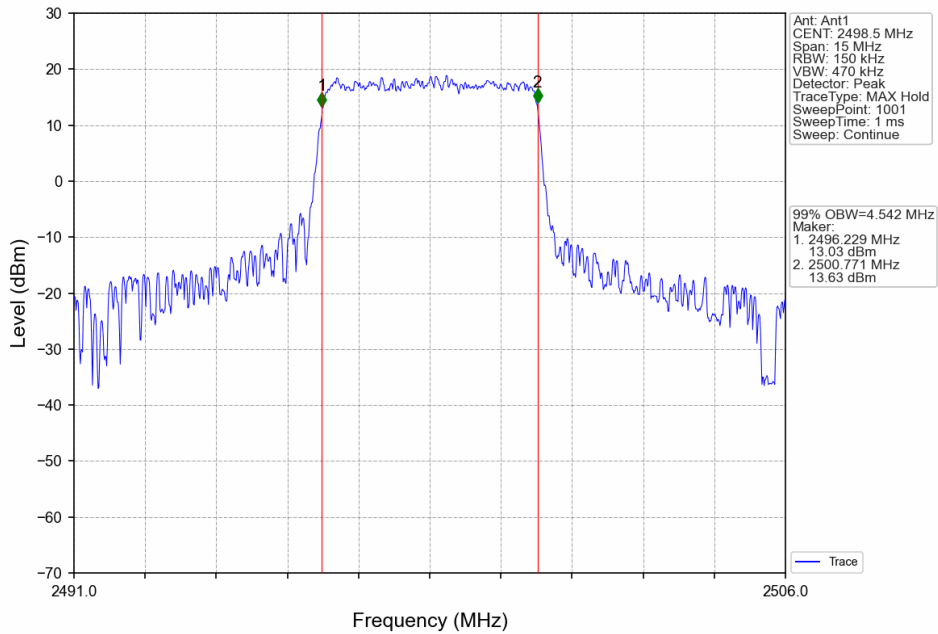
### 4.1.2 Test Graph



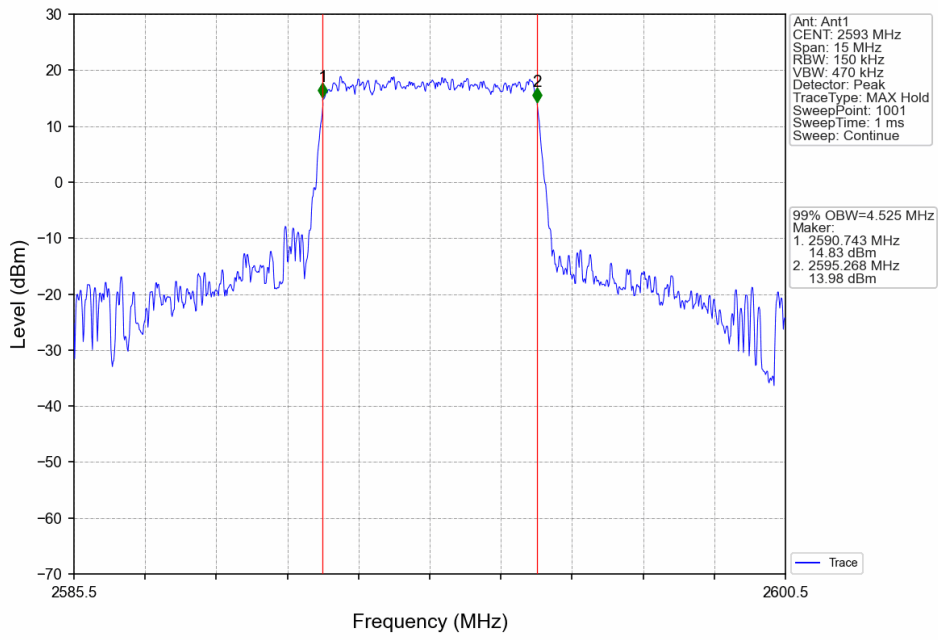
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



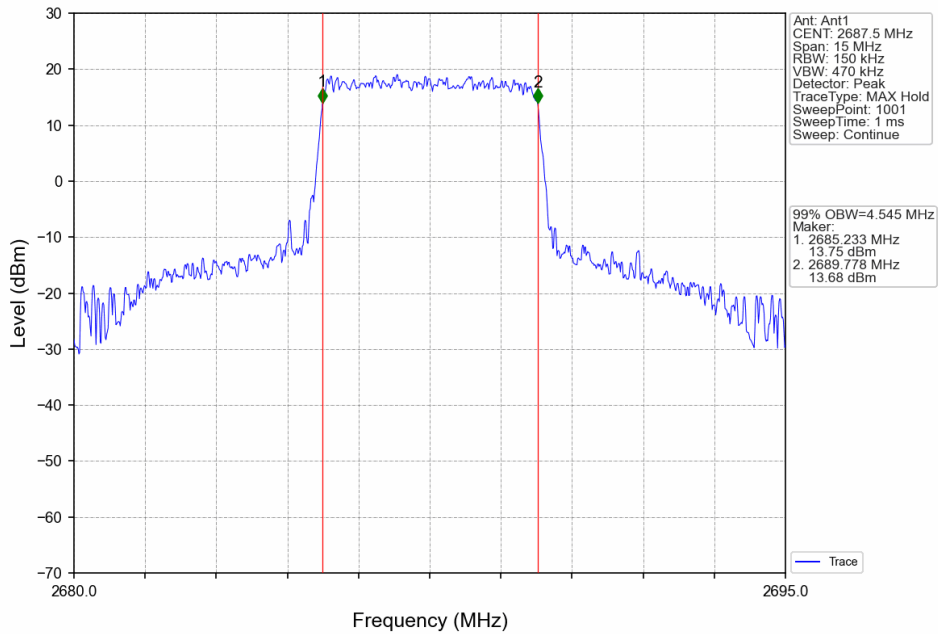
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



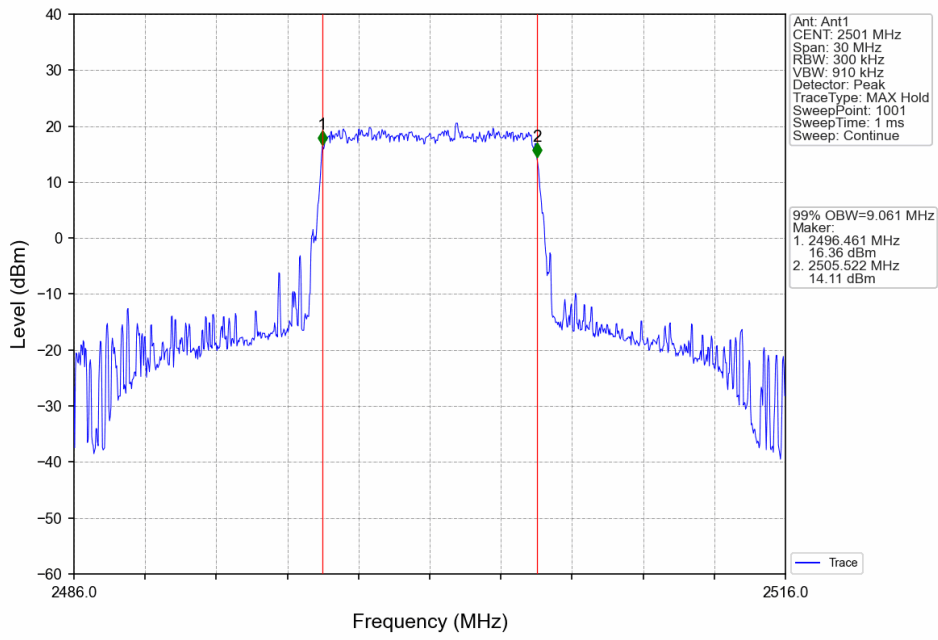
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



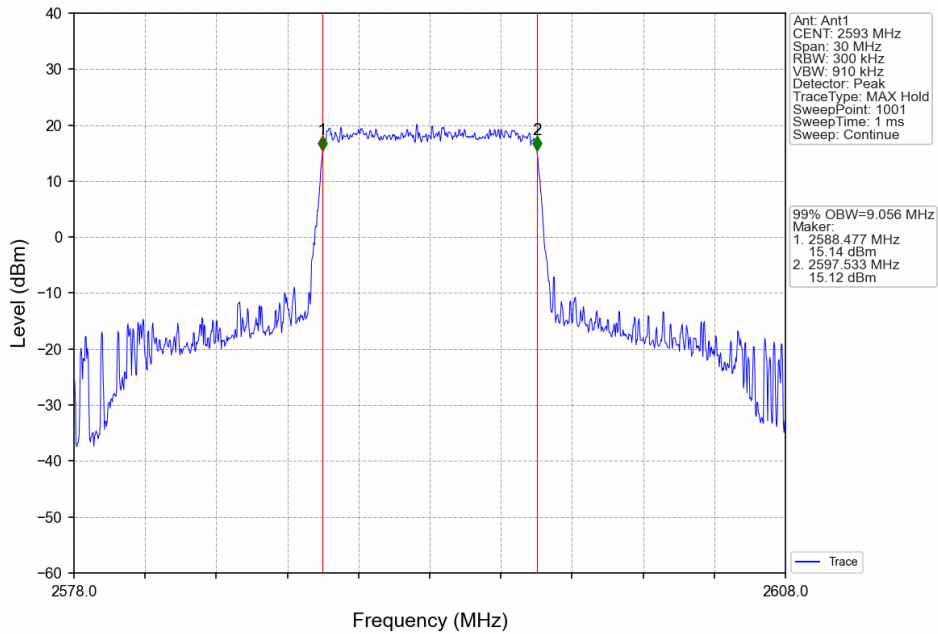
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



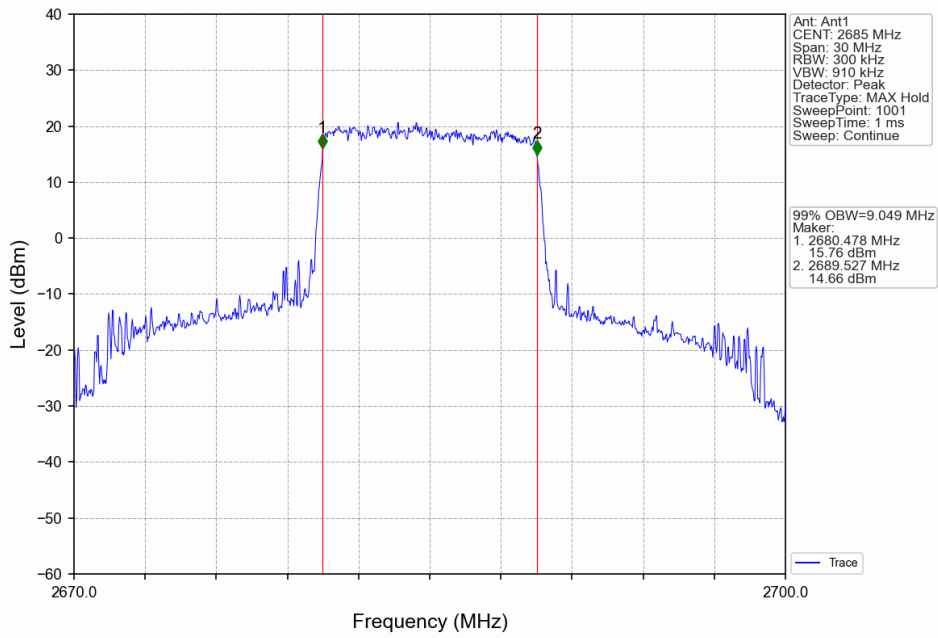
Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0\_NTNV



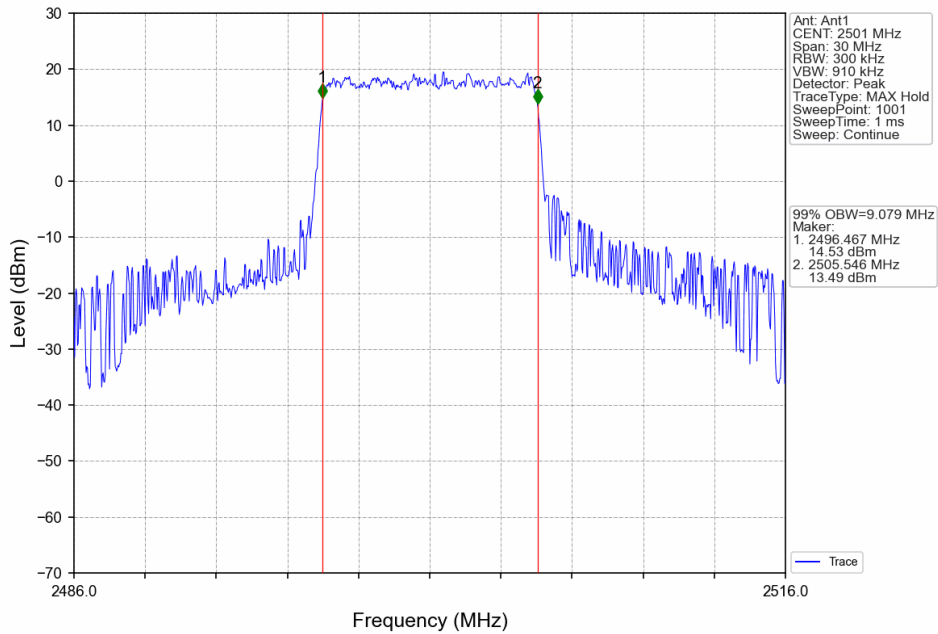
Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_50\_0\_NTNV



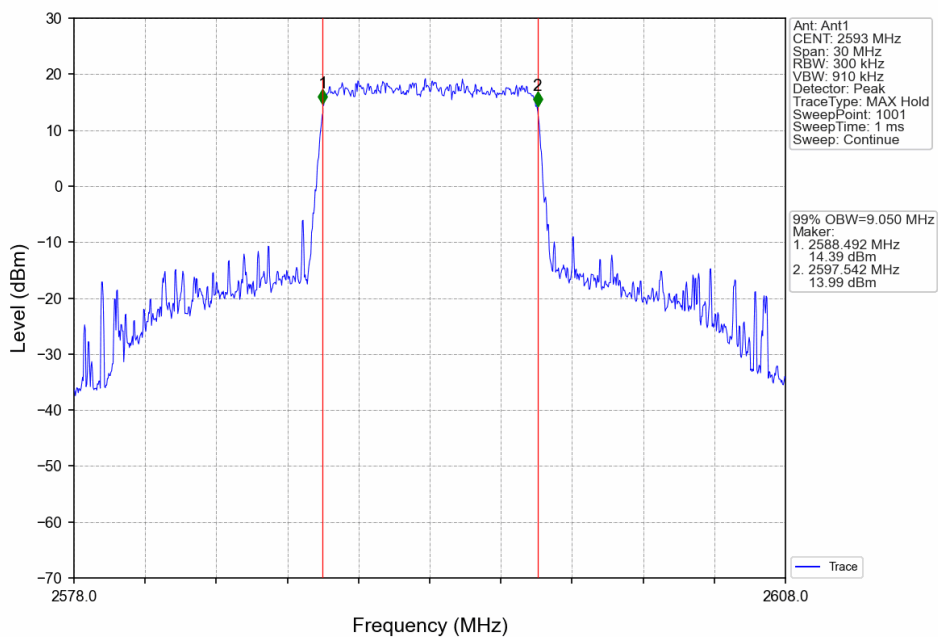
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



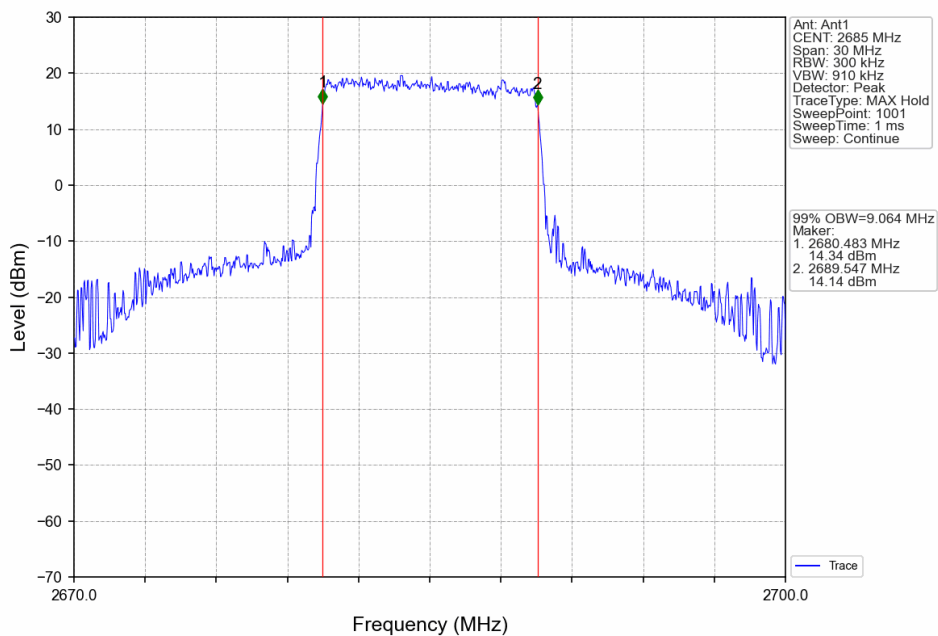
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



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

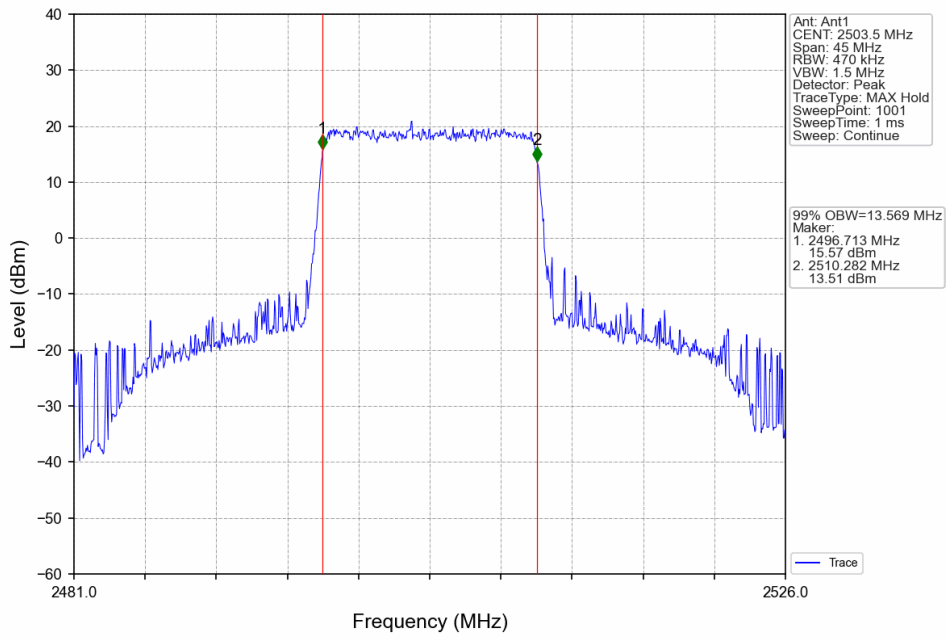


Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV

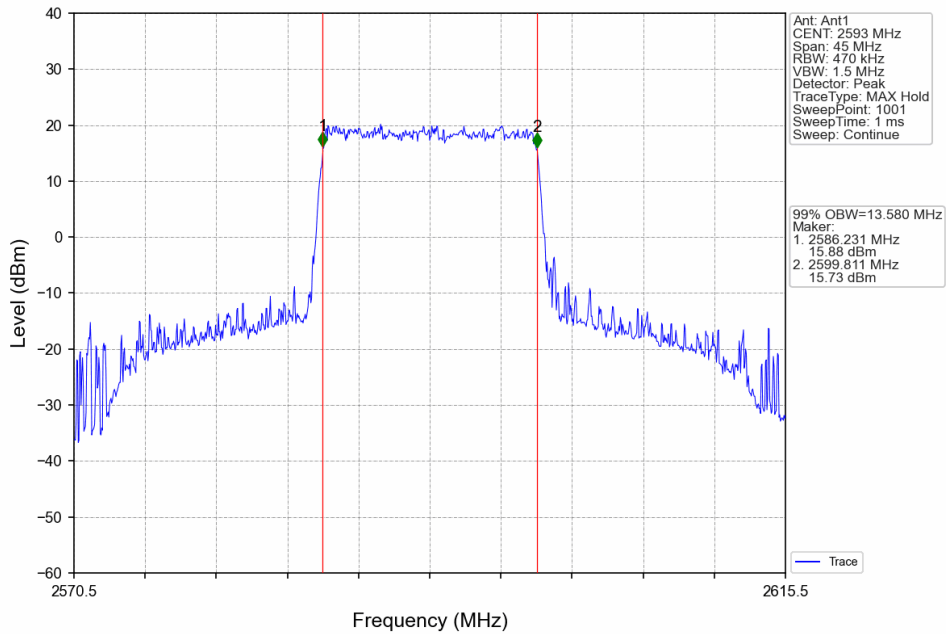




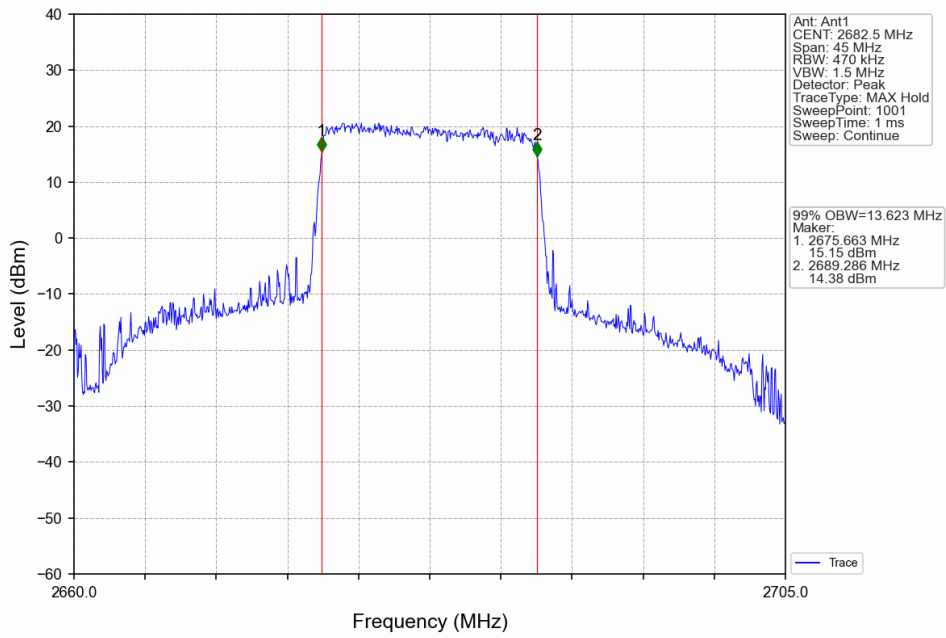
Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



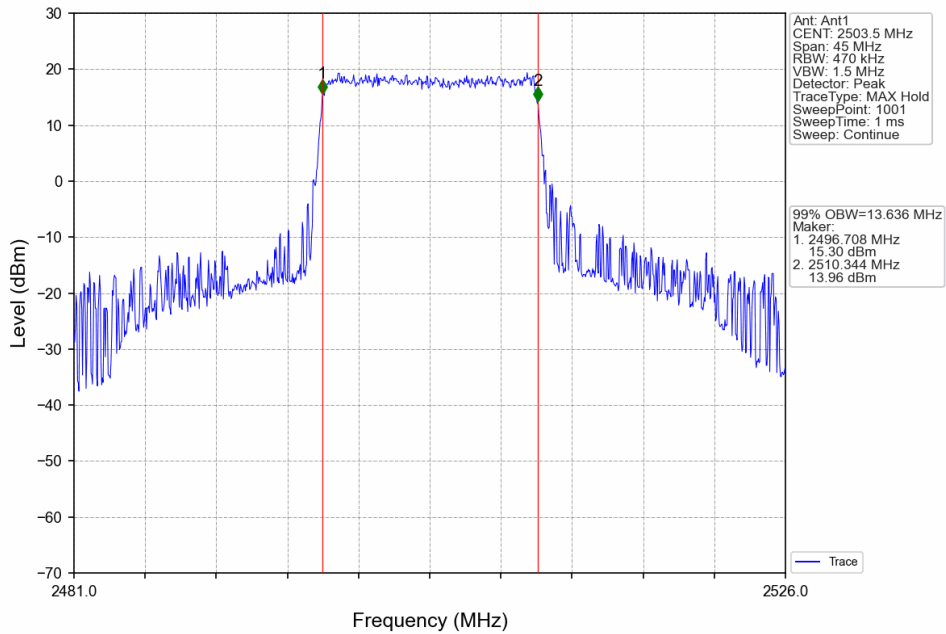
Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_75\_0\_NTNV



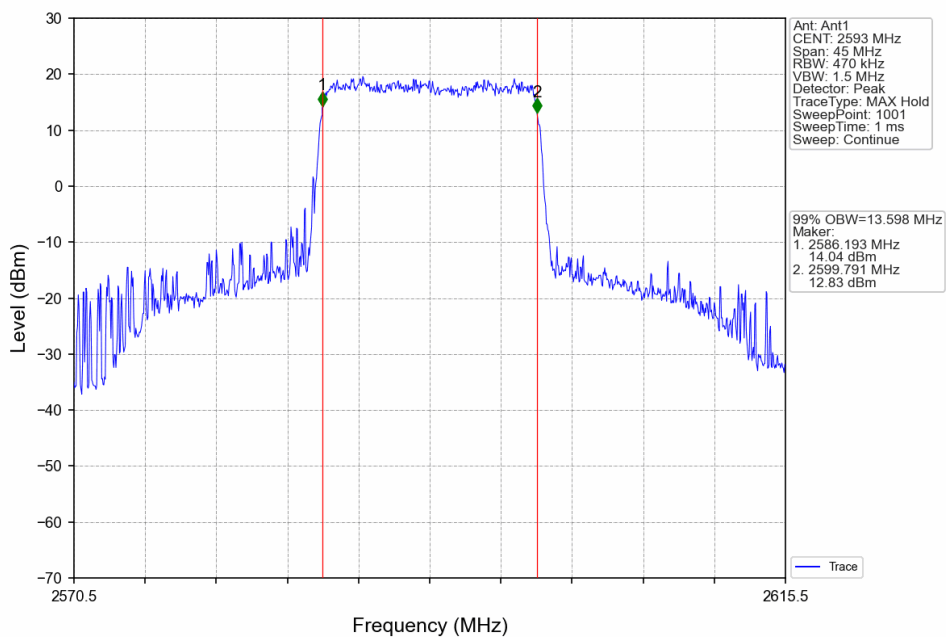
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



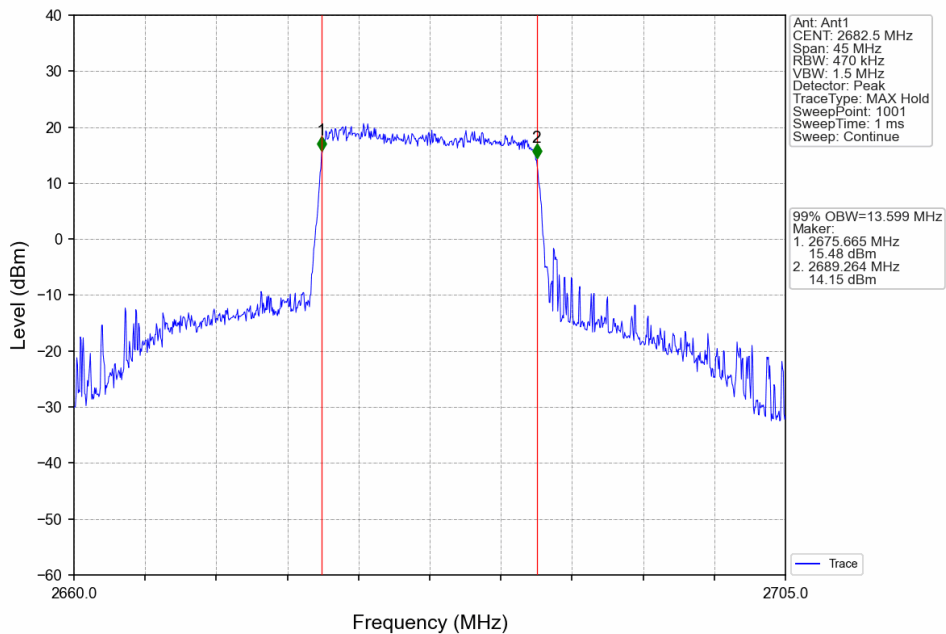
Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



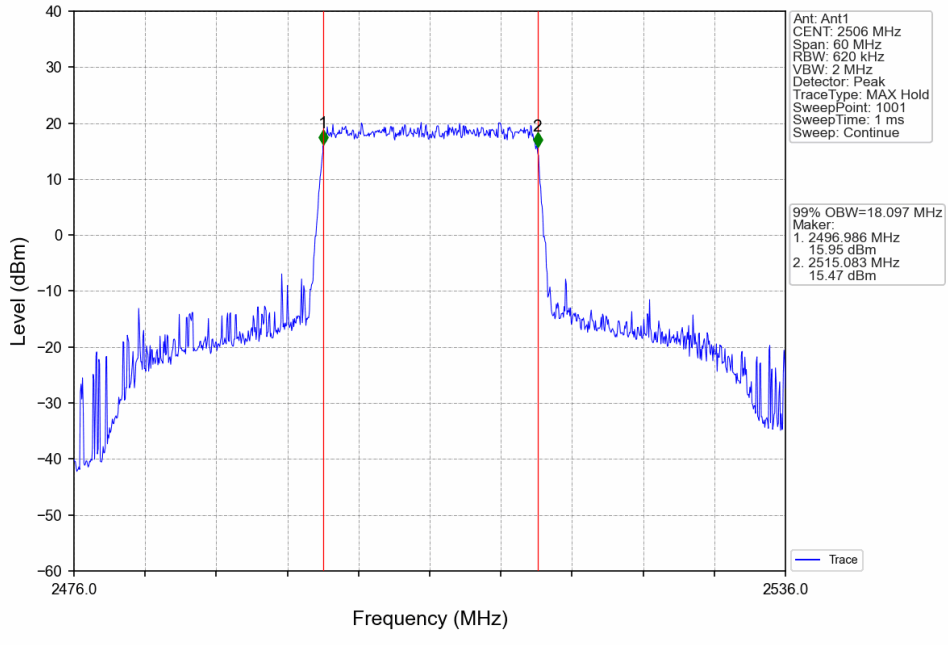
Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



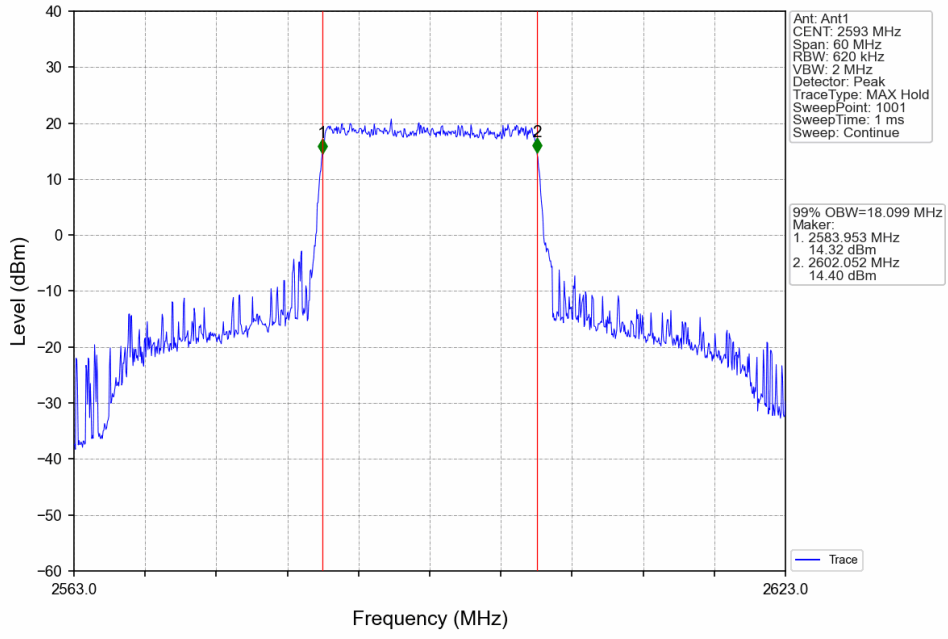
Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



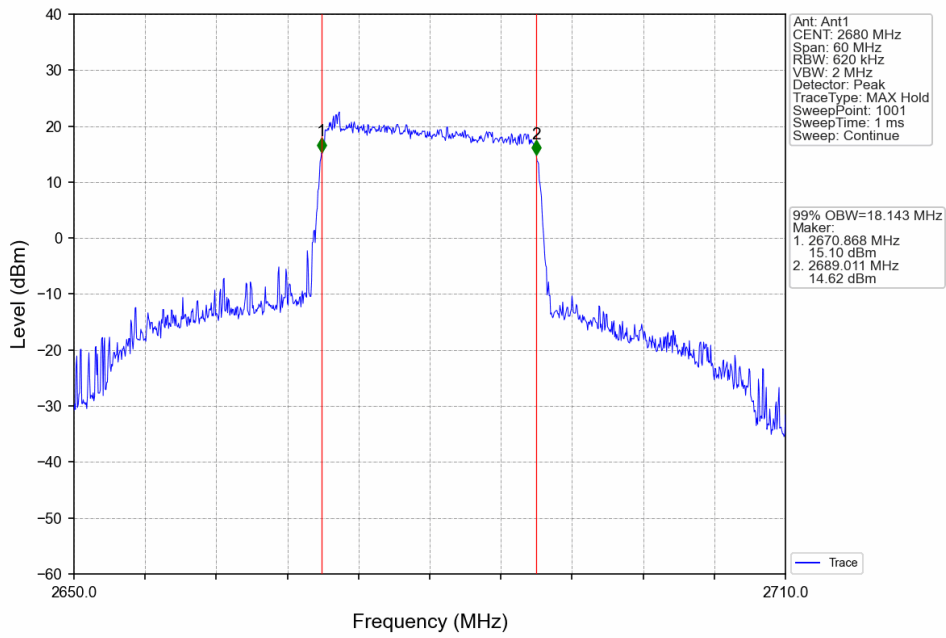
Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_100\_0\_NTNV



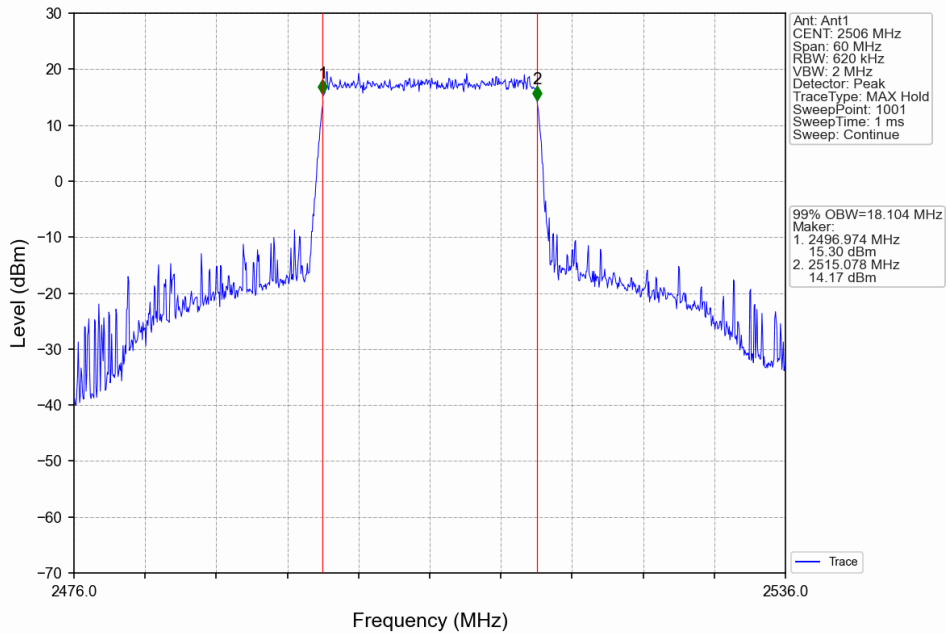
Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_100\_0\_NTNV



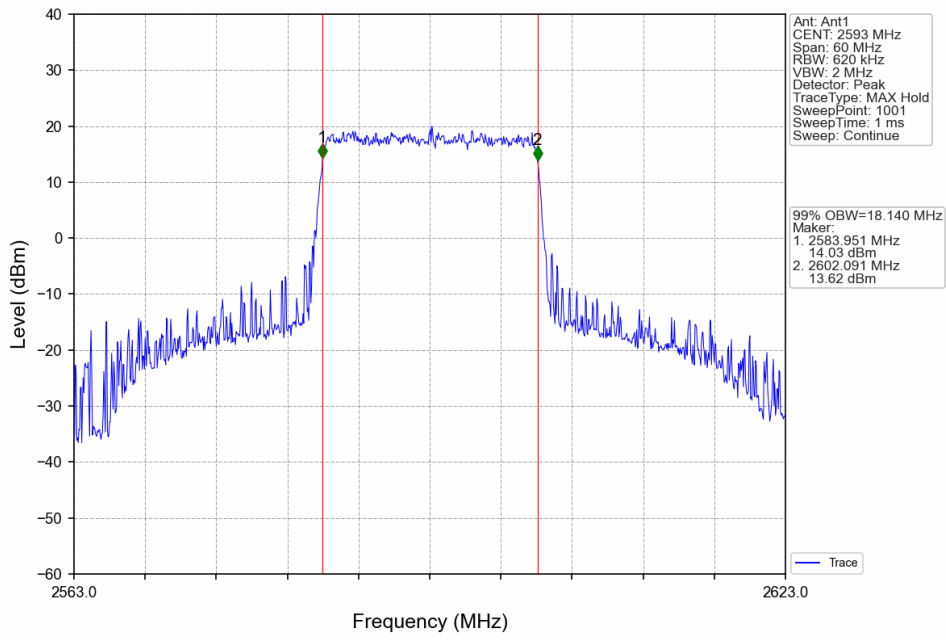
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



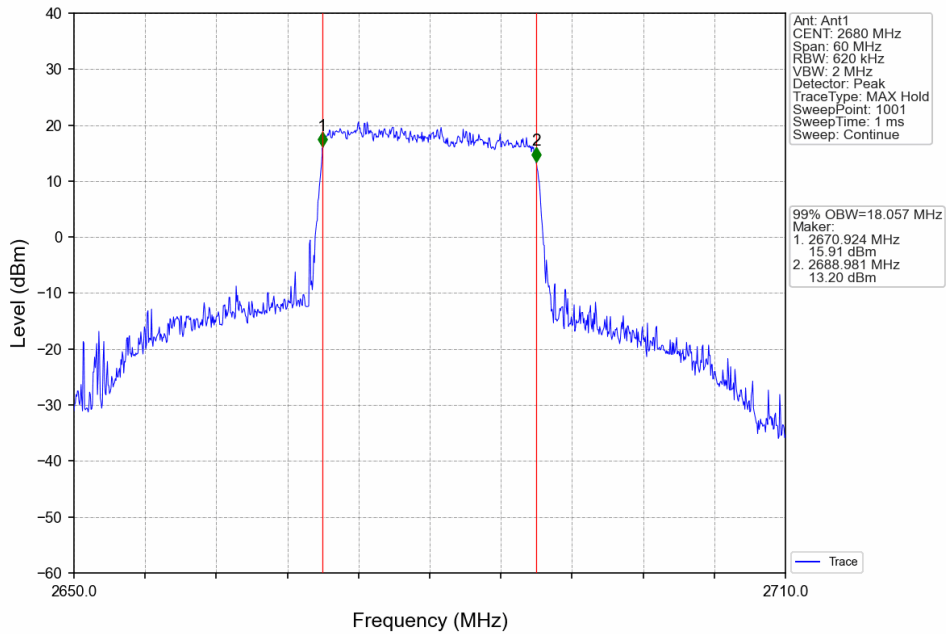
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



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



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

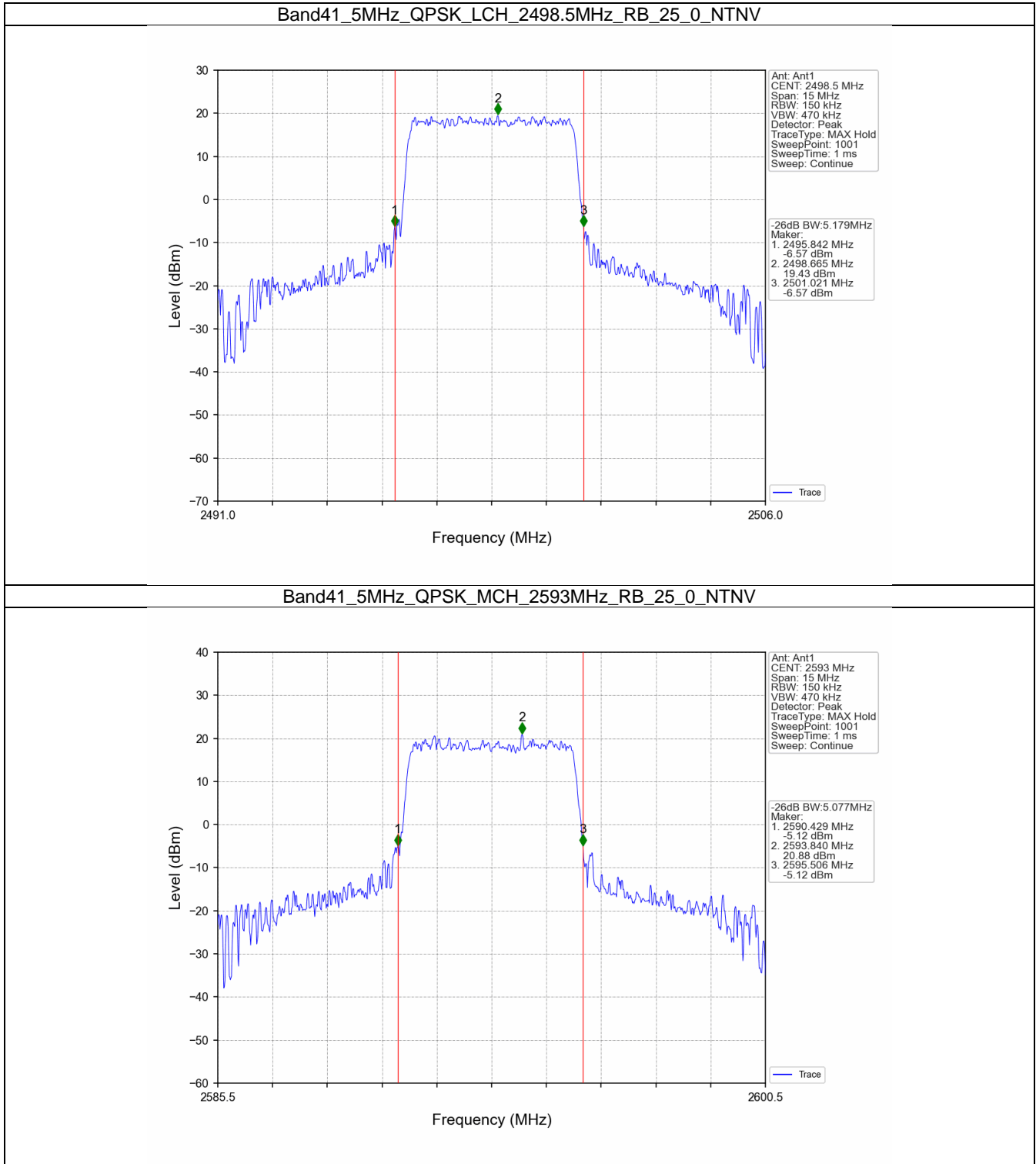


## 4.2 Band41\_XDB

### 4.2.1 Test Result

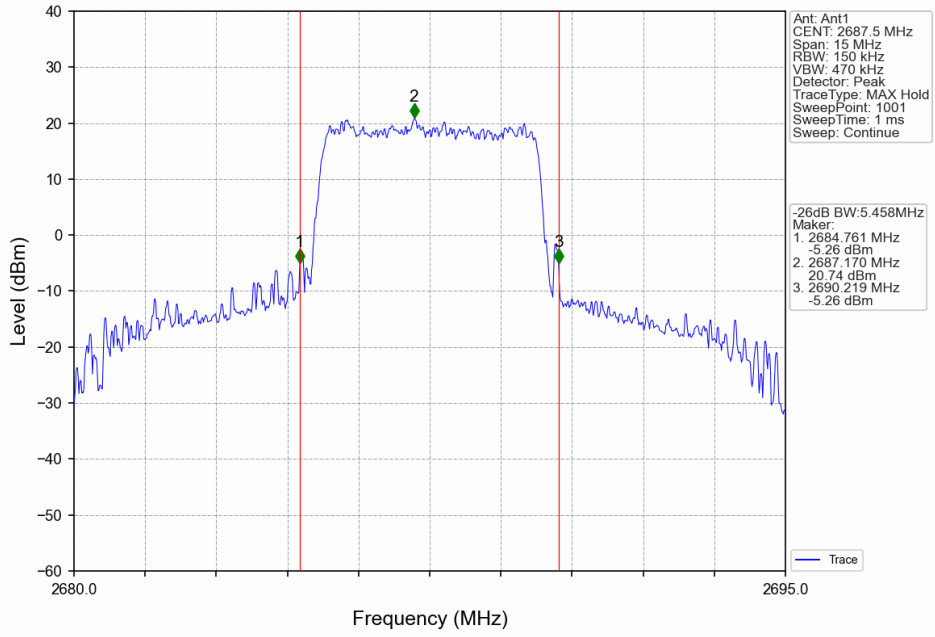
Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	5.179	Pass
		2593	25	0	5.077	Pass
		2687.5	25	0	5.458	Pass
	16QAM	2498.5	25	0	5.278	Pass
		2593	25	0	5.004	Pass
		2687.5	25	0	5.452	Pass
10	QPSK	2501	50	0	10.619	Pass
		2593	50	0	9.965	Pass
		2685	50	0	11.004	Pass
	16QAM	2501	50	0	10.988	Pass
		2593	50	0	10.320	Pass
		2685	50	0	10.290	Pass
15	QPSK	2503.5	75	0	15.240	Pass
		2593	75	0	15.362	Pass
		2682.5	75	0	16.933	Pass
	16QAM	2503.5	75	0	16.770	Pass
		2593	75	0	15.316	Pass
		2682.5	75	0	15.482	Pass
20	QPSK	2506	100	0	19.662	Pass
		2593	100	0	21.728	Pass
		2680	100	0	20.052	Pass
	16QAM	2506	100	0	19.684	Pass
		2593	100	0	21.372	Pass
		2680	100	0	20.065	Pass

### 4.2.2 Test Graph

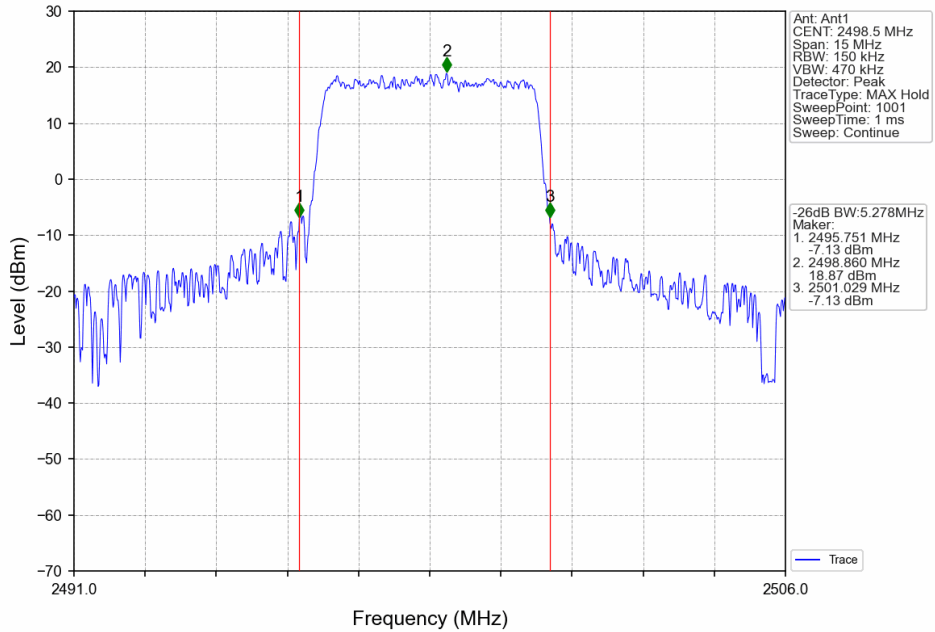




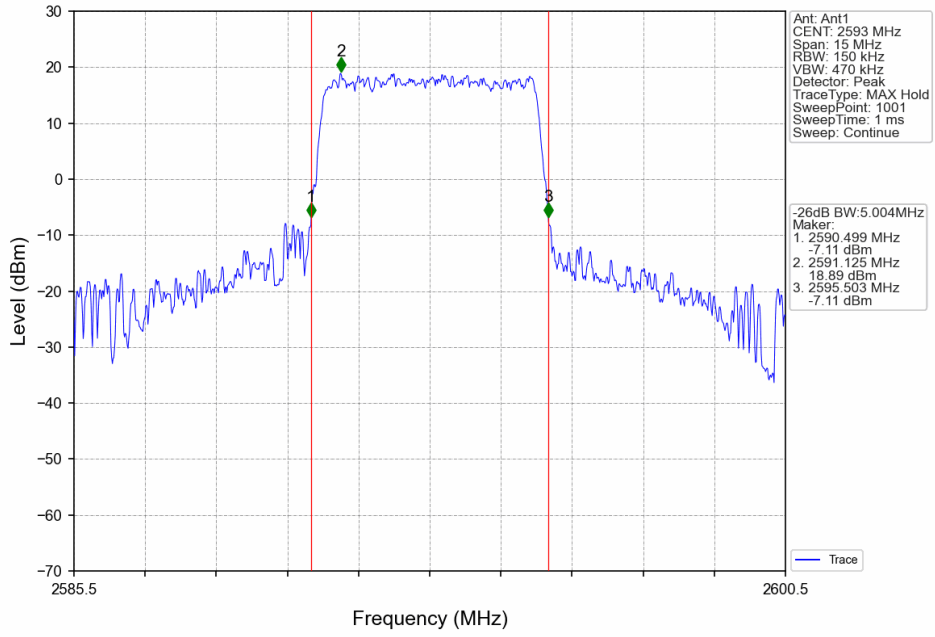
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



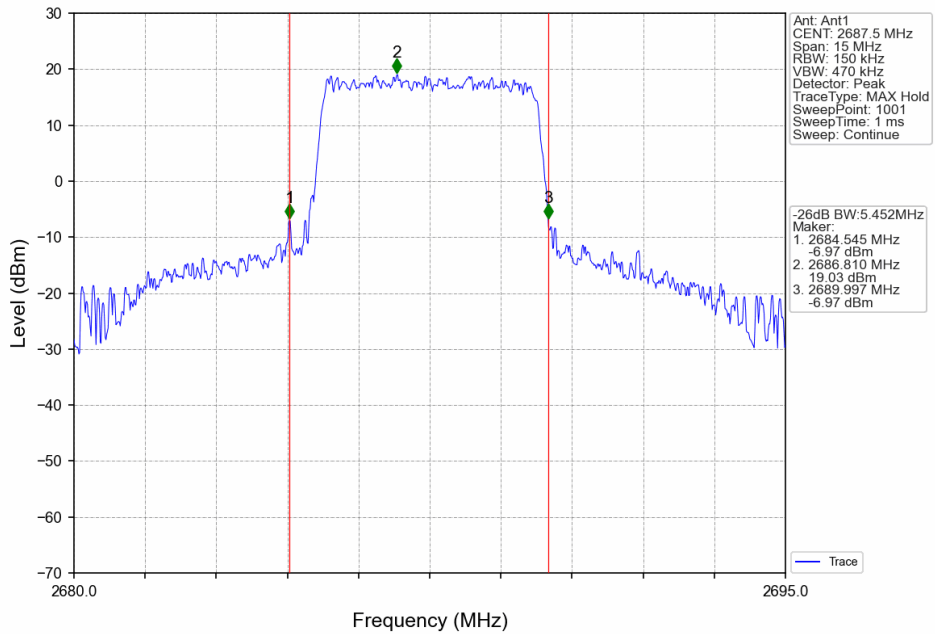
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



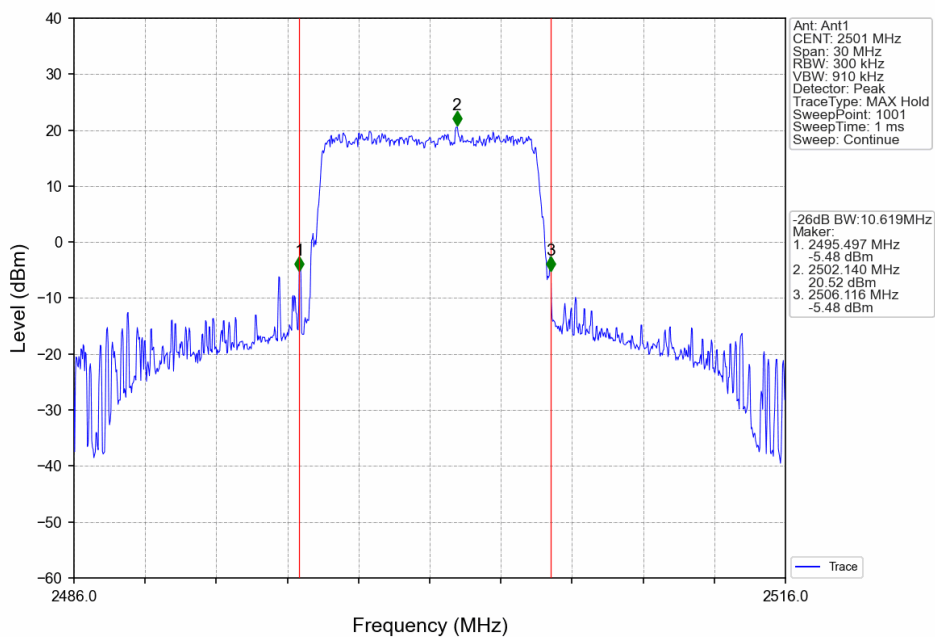
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



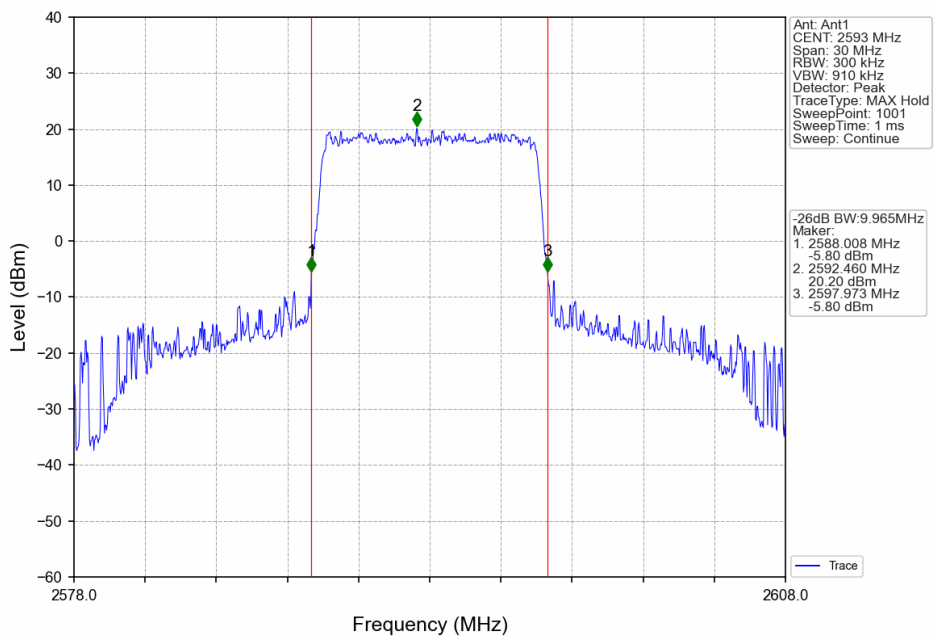
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



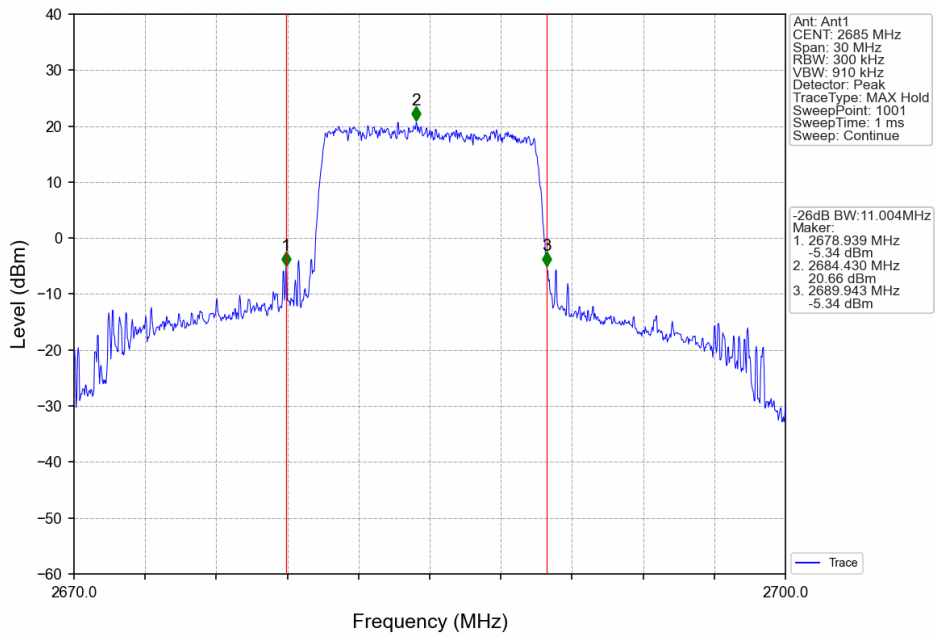
Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0\_NTNV



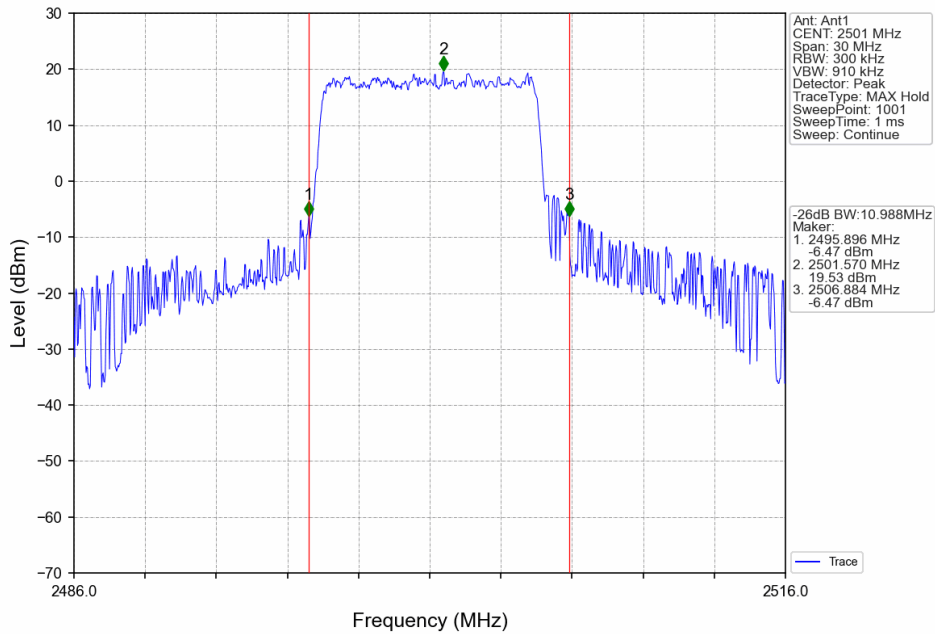
Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_50\_0\_NTNV



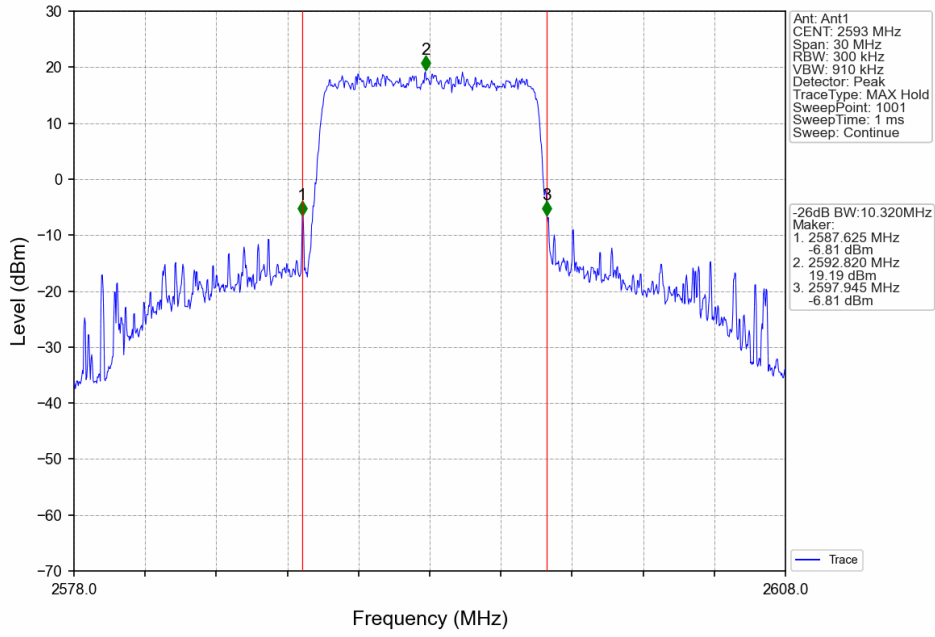
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



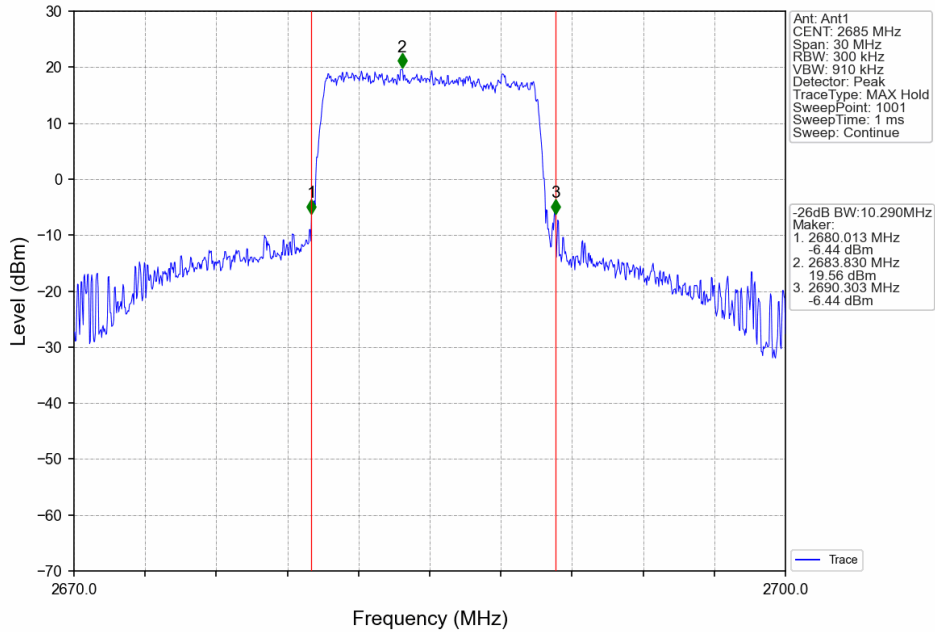
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



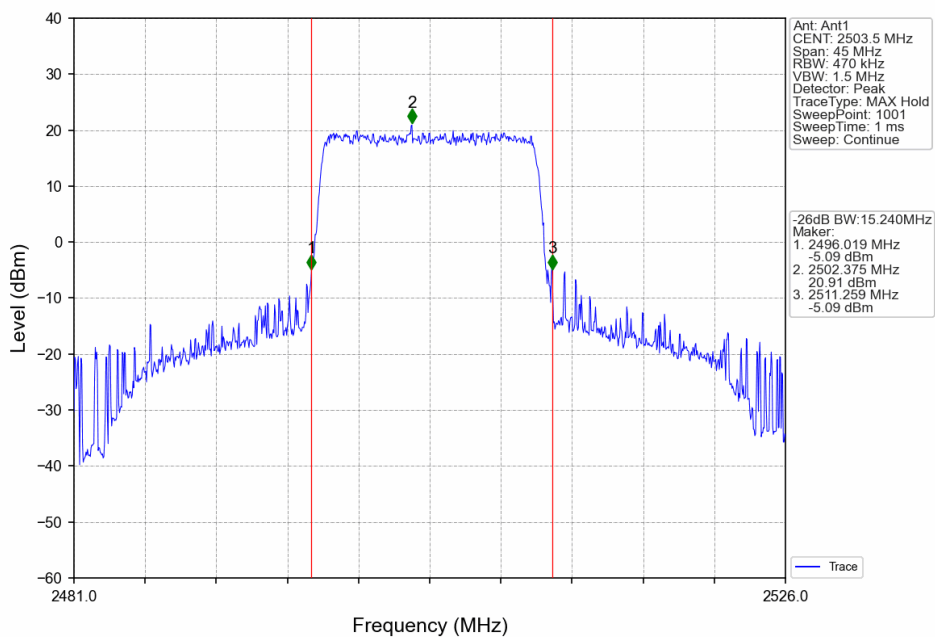
Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV



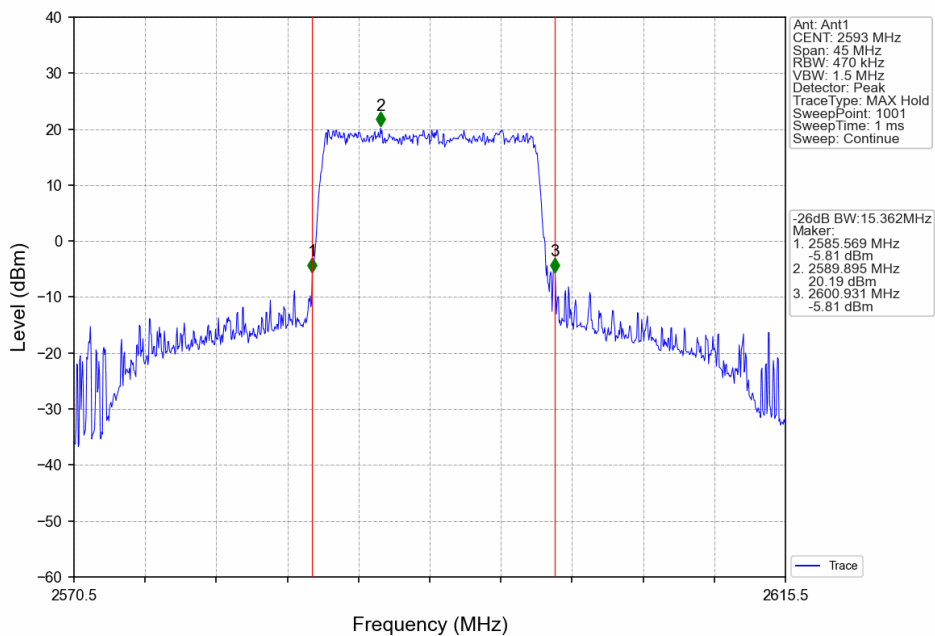
Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV



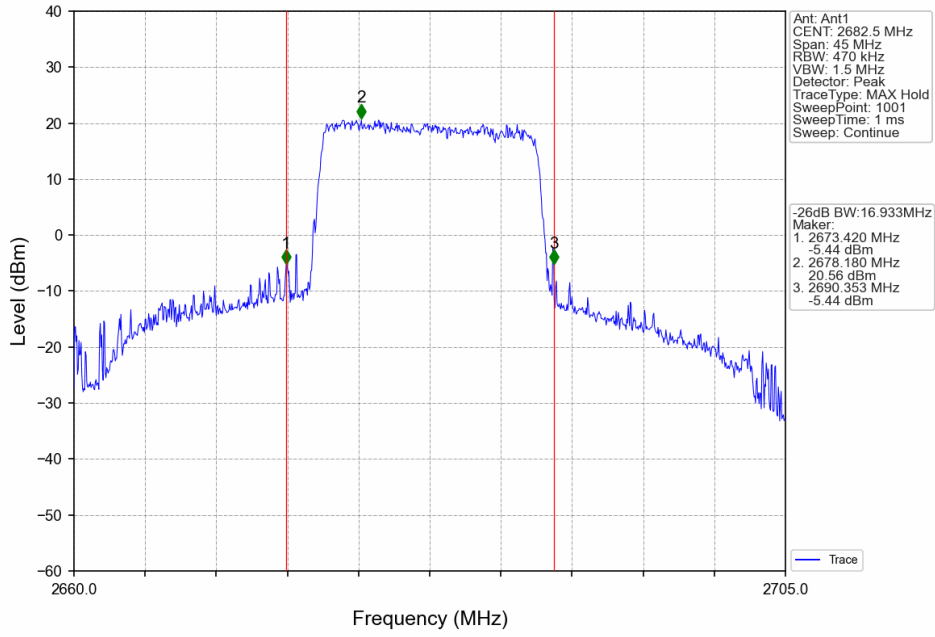
Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



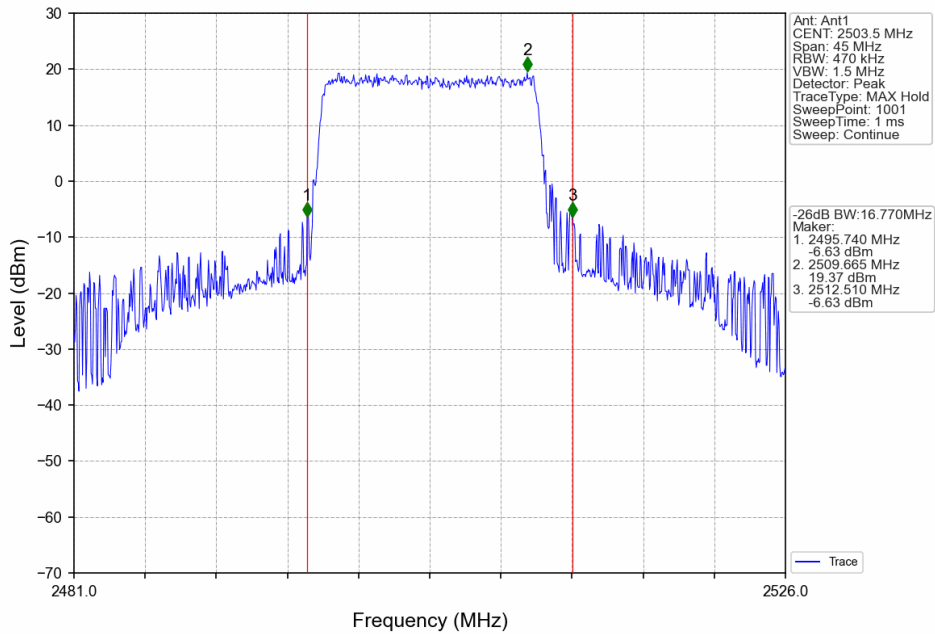
Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_75\_0\_NTNV



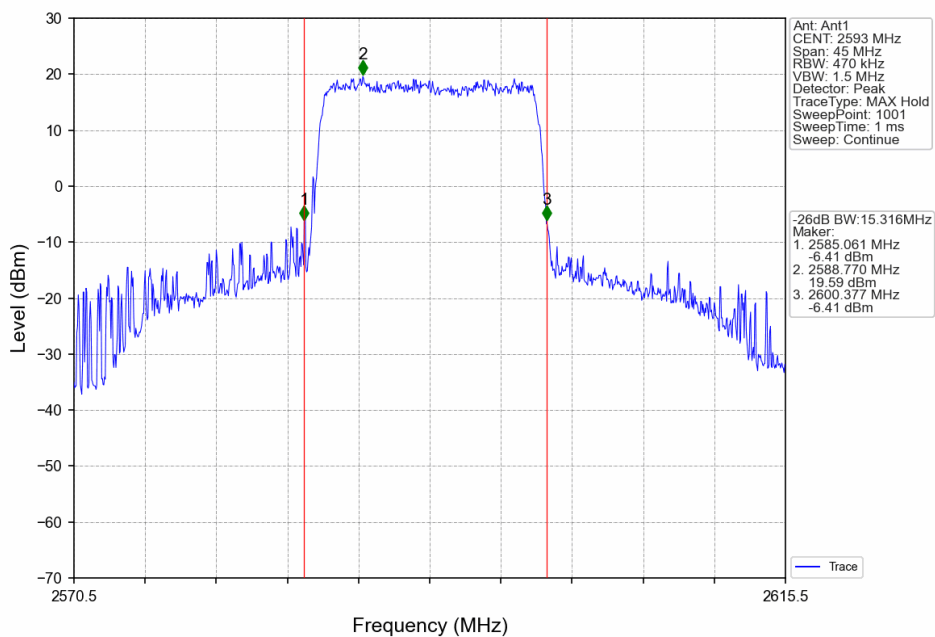
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



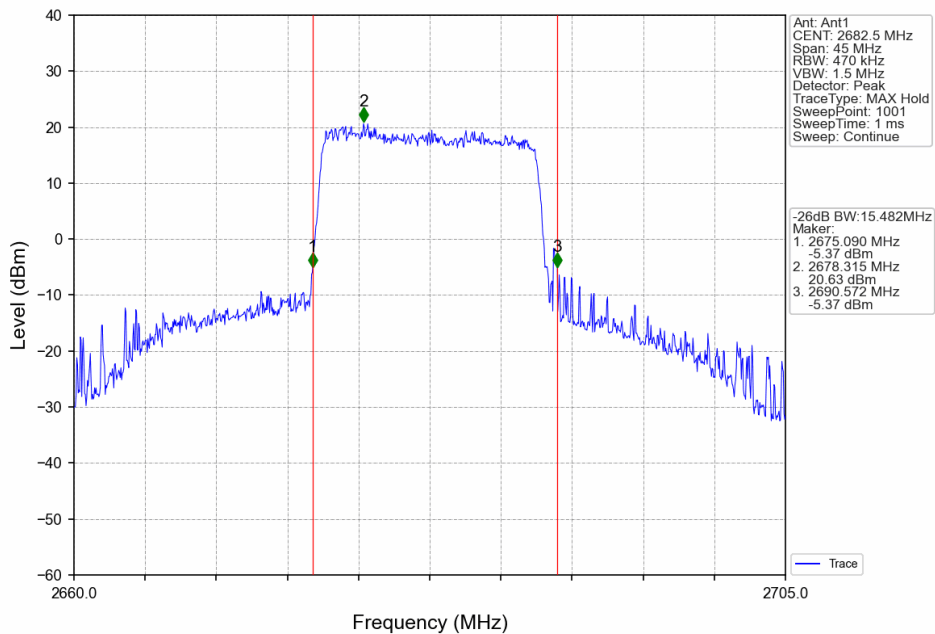
Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



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

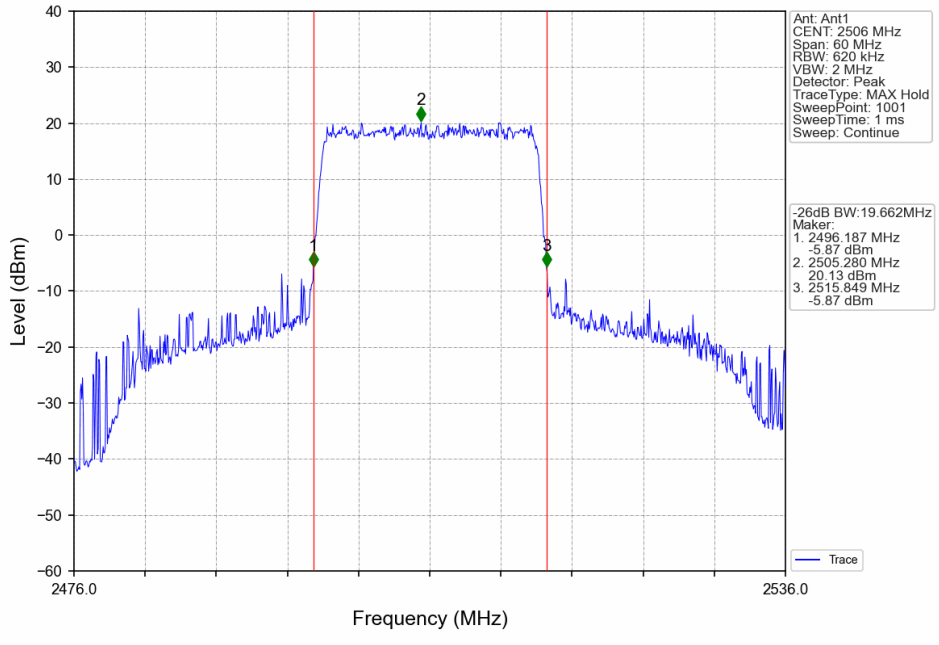


Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV

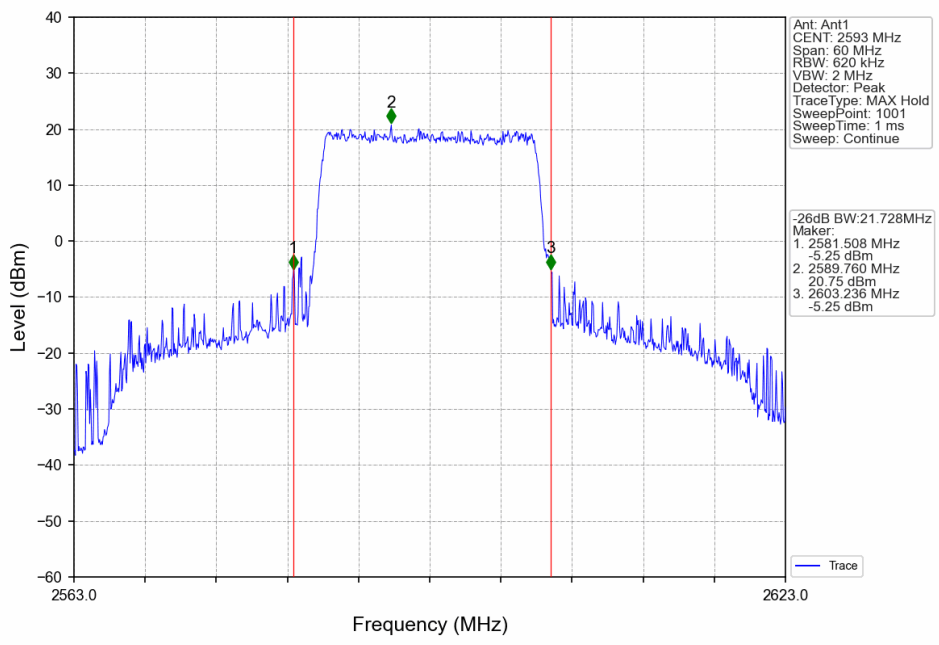




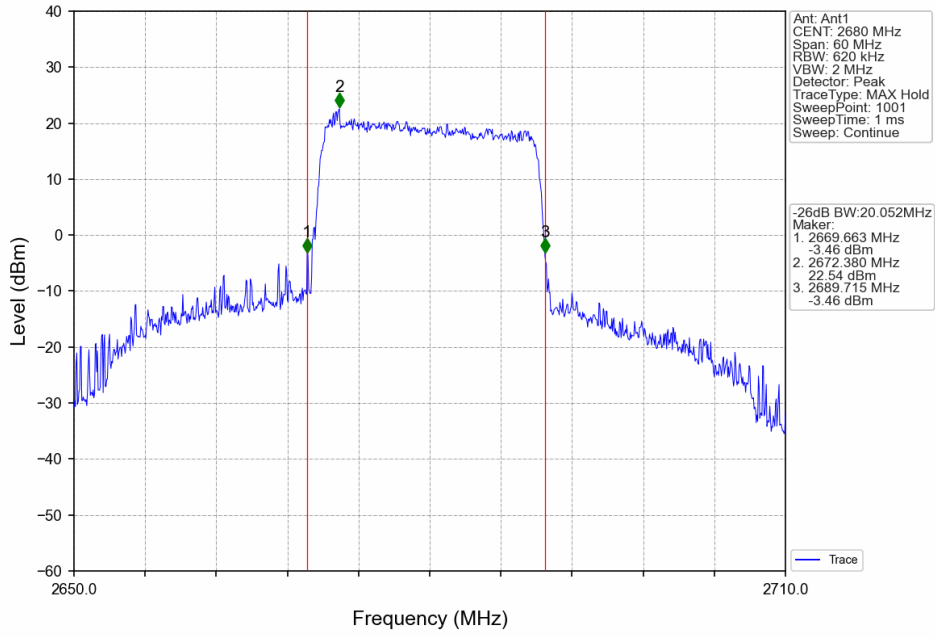
Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_100\_0\_NTNV



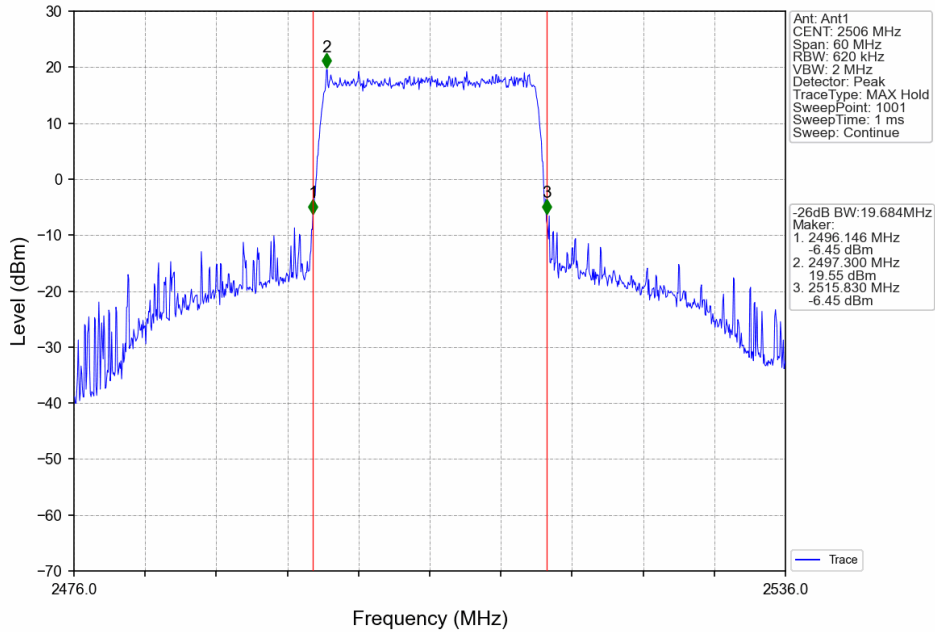
Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_100\_0\_NTNV



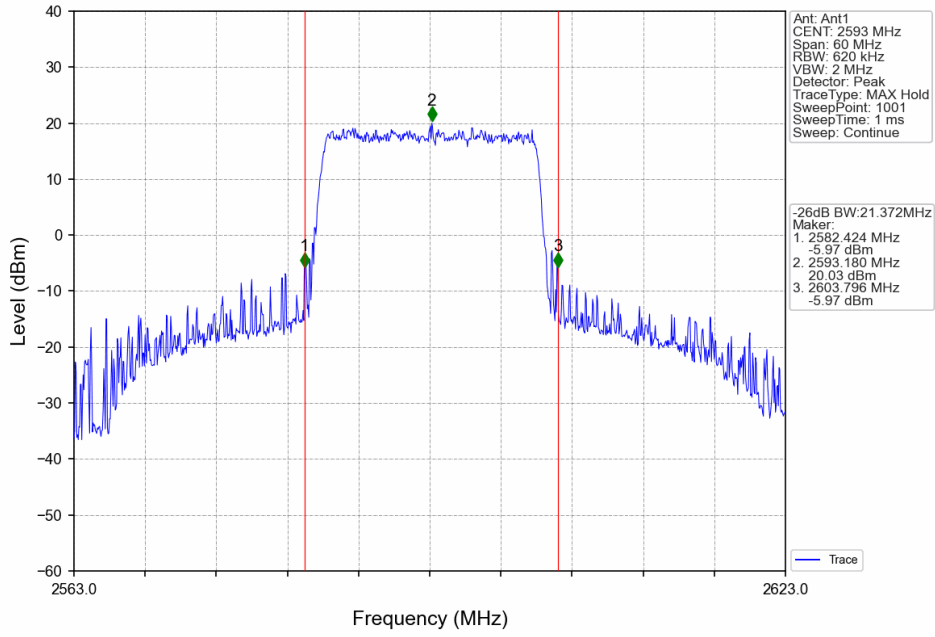
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



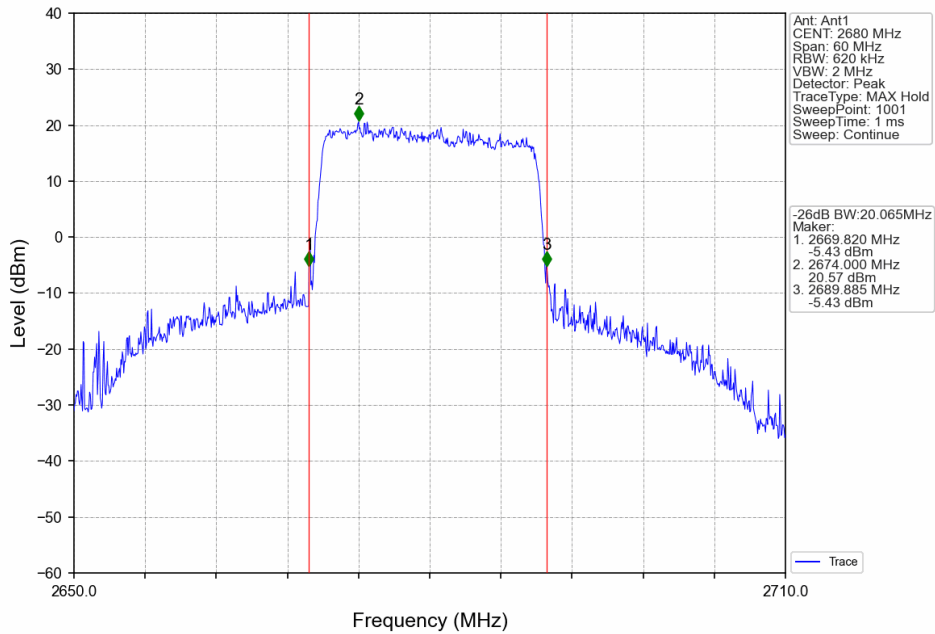
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



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



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



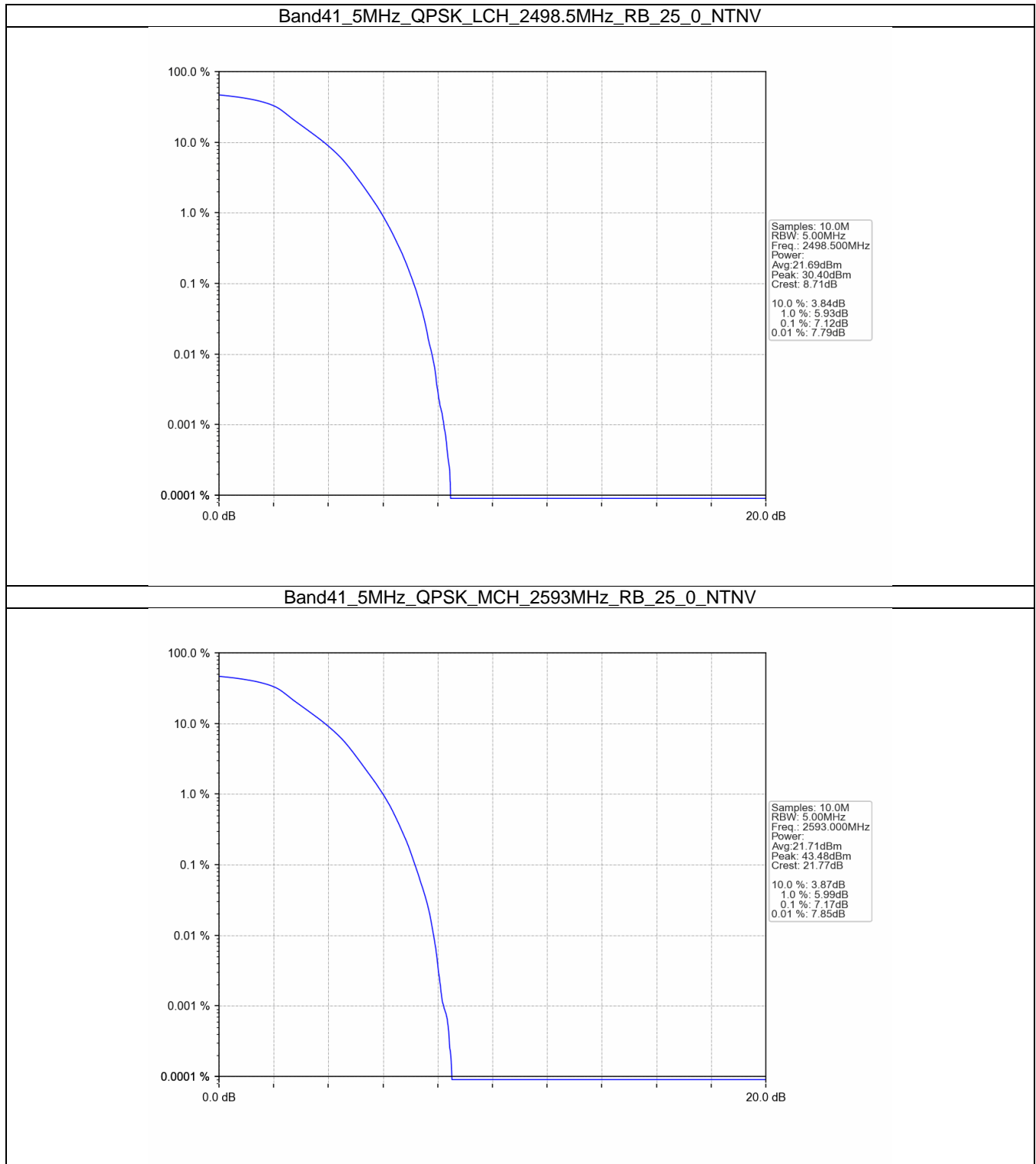
## 5. Peak-Average Ratio

### 5.1 B41\_5MHz

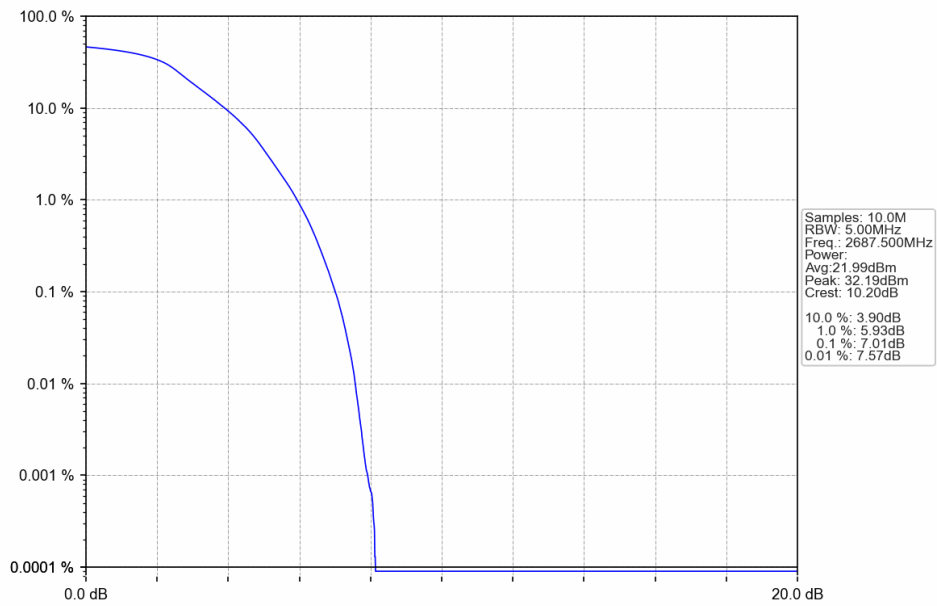
#### 5.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.12	<=13	Pass
	2593	25	0	7.17	<=13	Pass
	2687.5	25	0	7.01	<=13	Pass
16QAM	2498.5	25	0	7.81	<=13	Pass
	2593	25	0	7.70	<=13	Pass
	2687.5	25	0	7.78	<=13	Pass

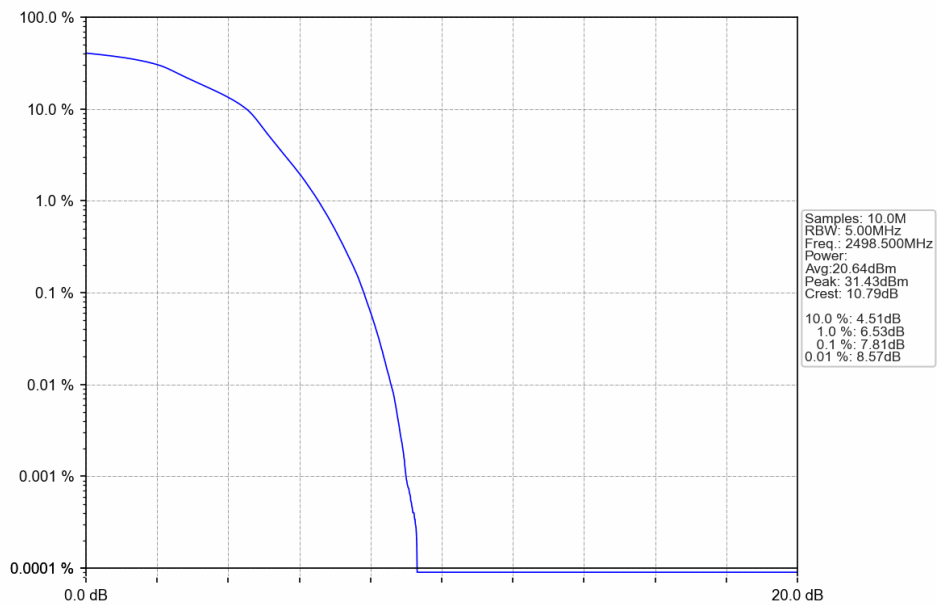
### 5.1.2 Test Graph



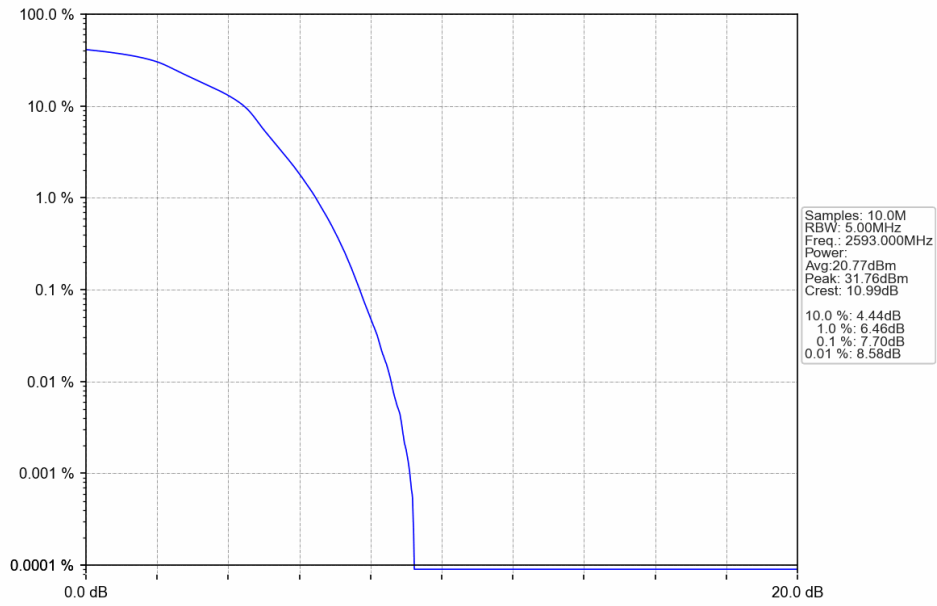
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



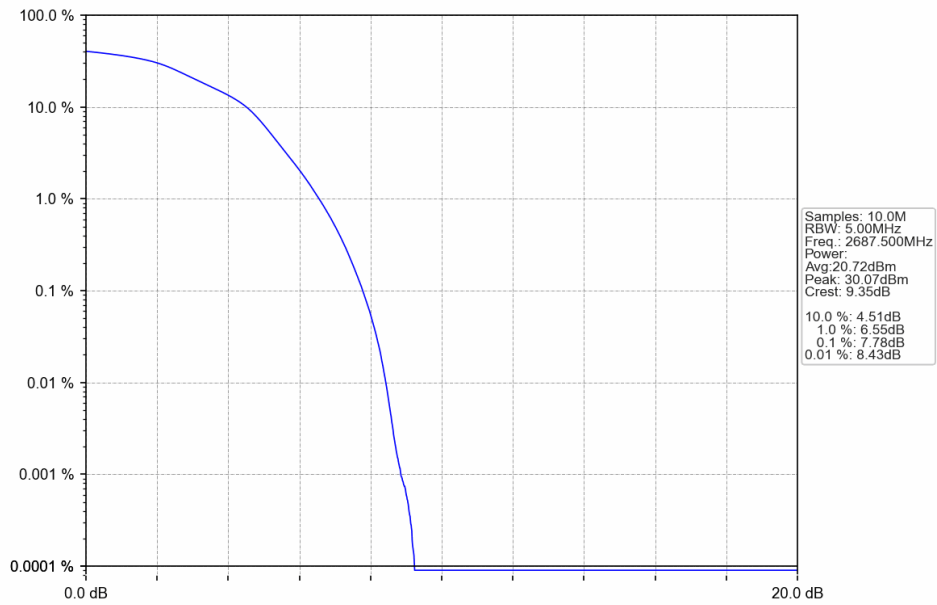
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



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



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



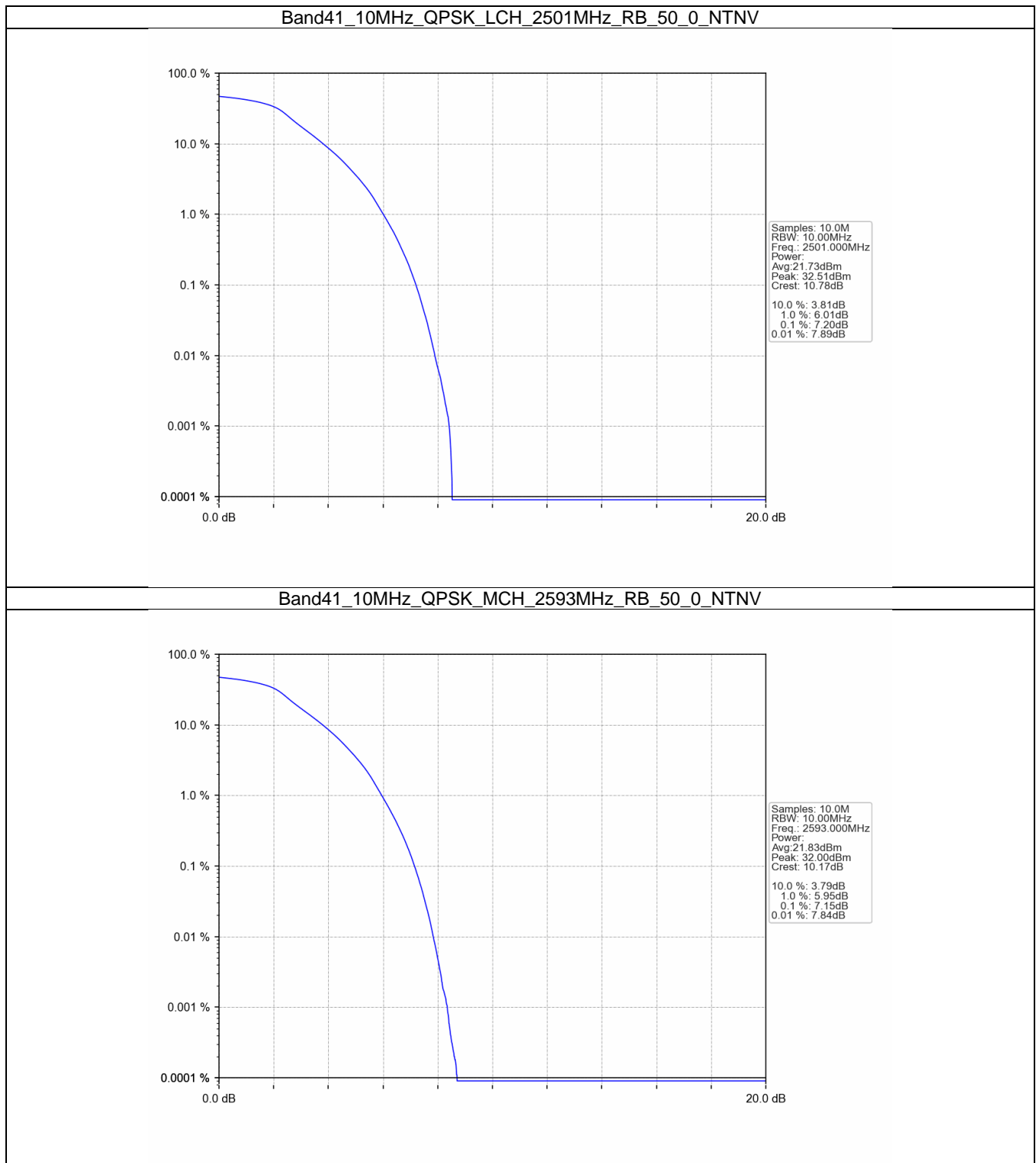
## 5.2 B41\_10MHz

### 5.2.1 Test Result

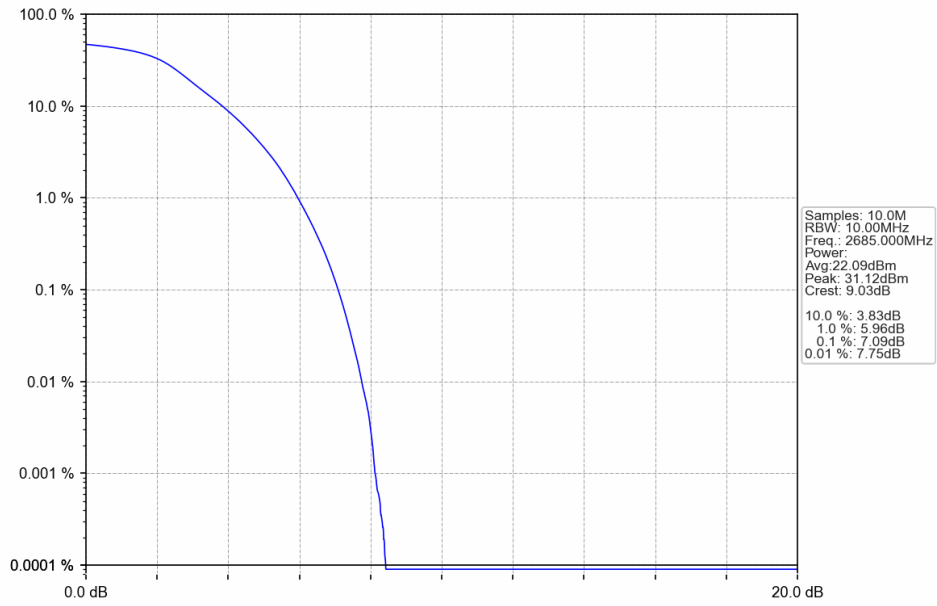
Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.20	<=13	Pass
	2593	50	0	7.15	<=13	Pass
	2685	50	0	7.09	<=13	Pass
16QAM	2501	50	0	8.13	<=13	Pass
	2593	50	0	7.91	<=13	Pass
	2685	50	0	7.72	<=13	Pass



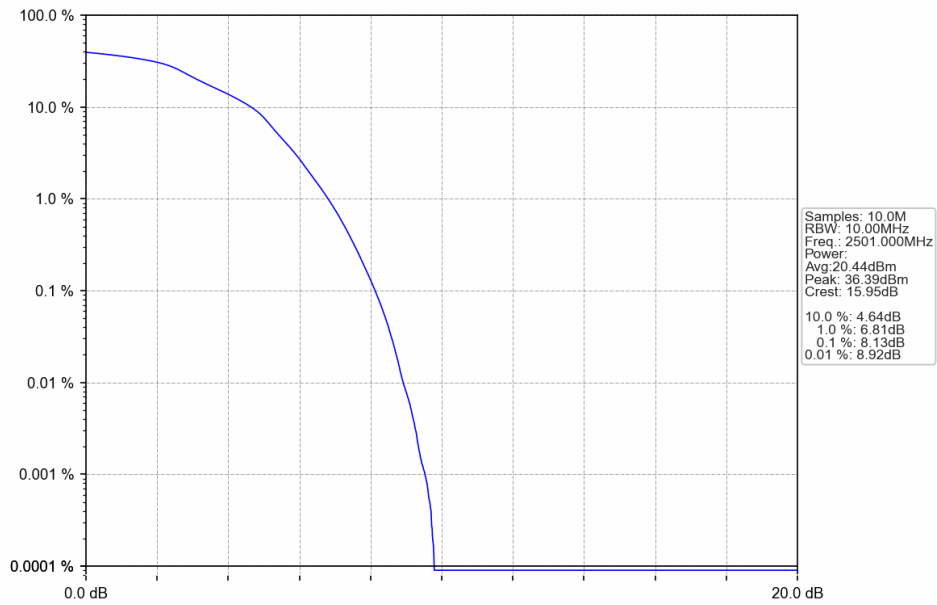
## 5.2.2 Test Graph



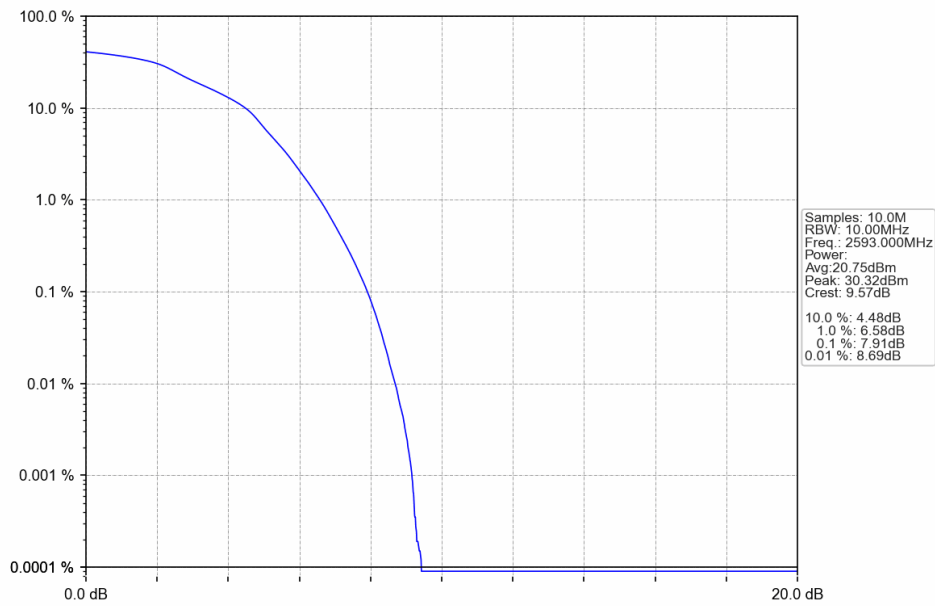
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



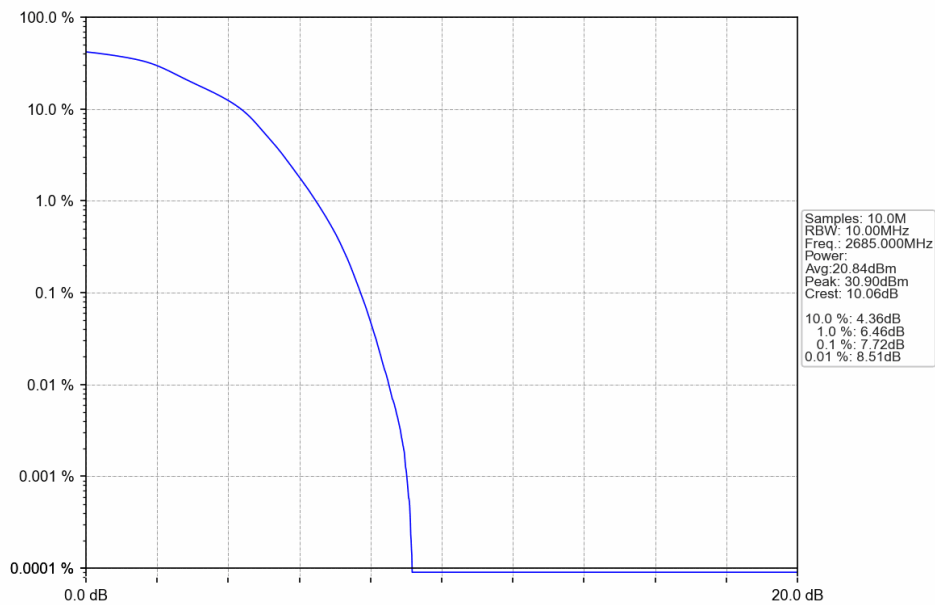
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



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



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

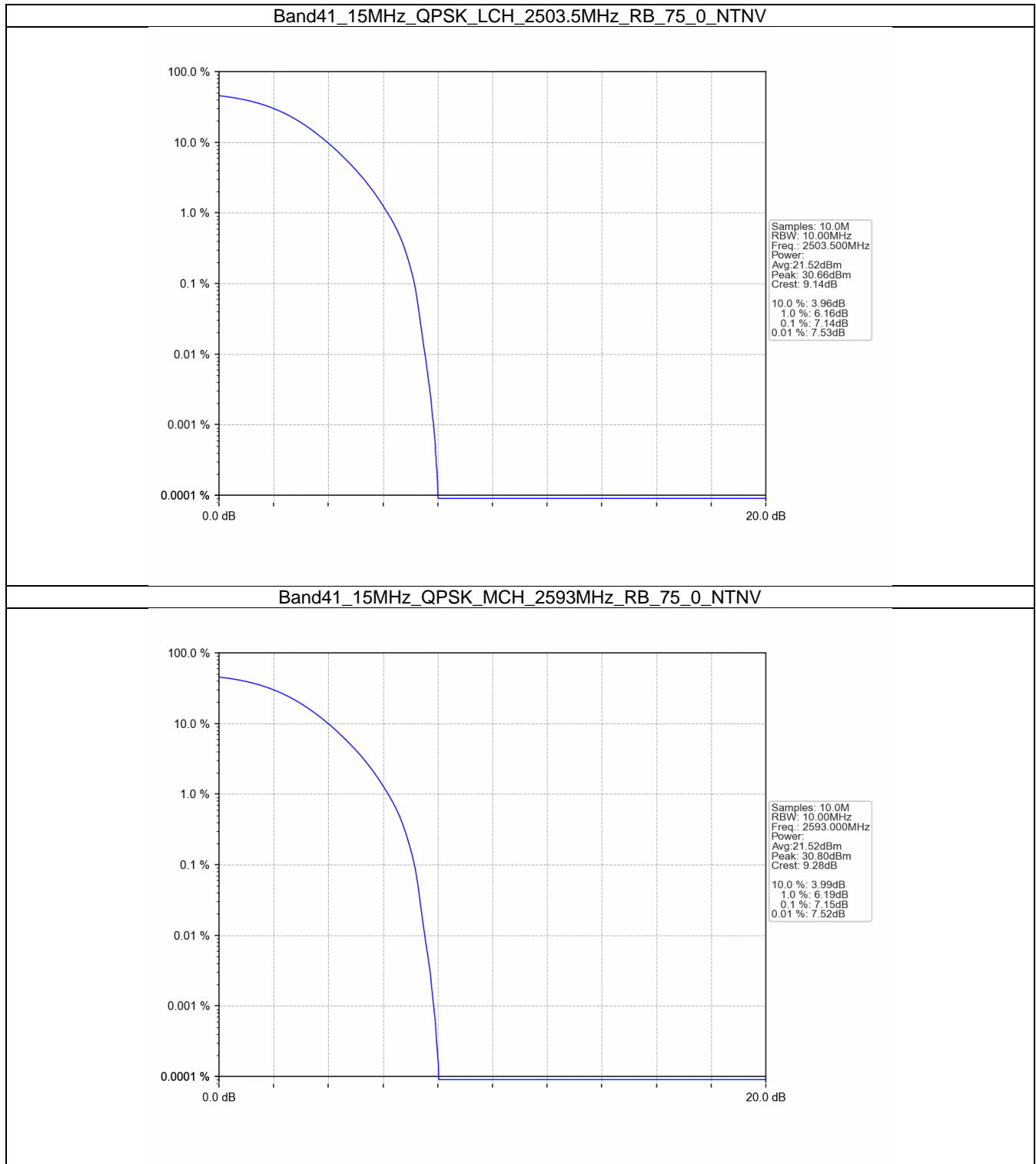


## 5.3 B41\_15MHz

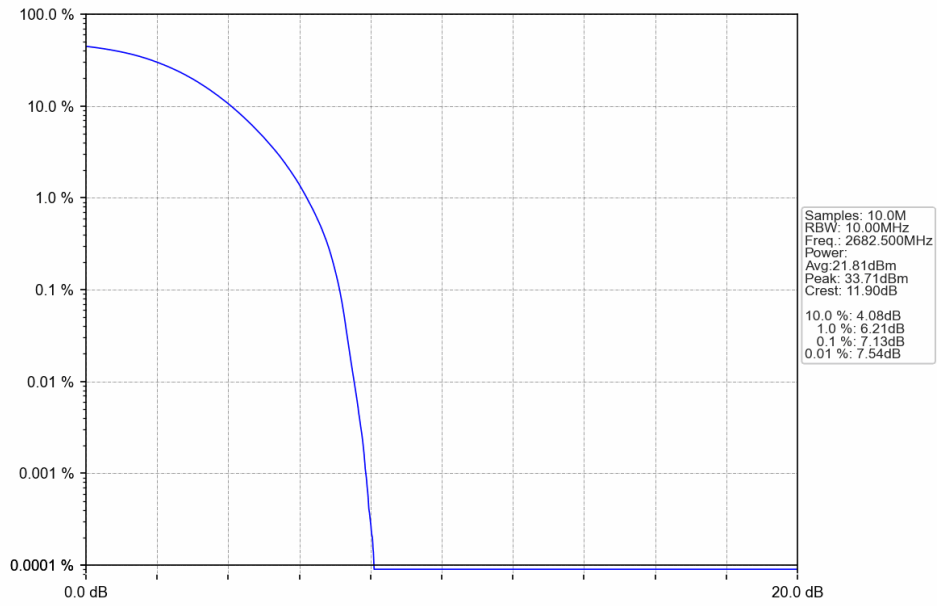
### 5.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	7.14	<=13	Pass
	2593	75	0	7.15	<=13	Pass
	2682.5	75	0	7.13	<=13	Pass
16QAM	2503.5	75	0	8.06	<=13	Pass
	2593	75	0	7.74	<=13	Pass
	2682.5	75	0	7.87	<=13	Pass

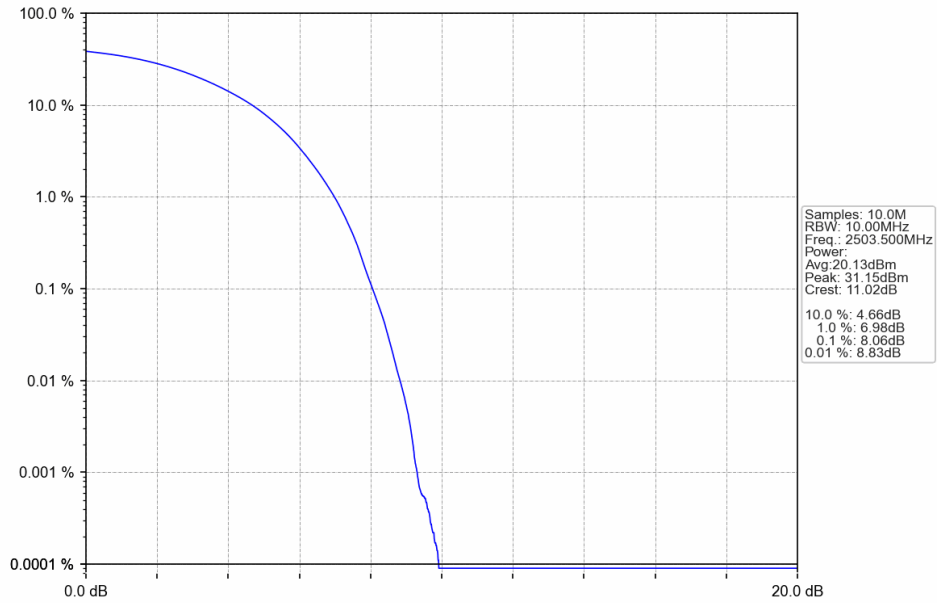
### 5.3.2 Test Graph



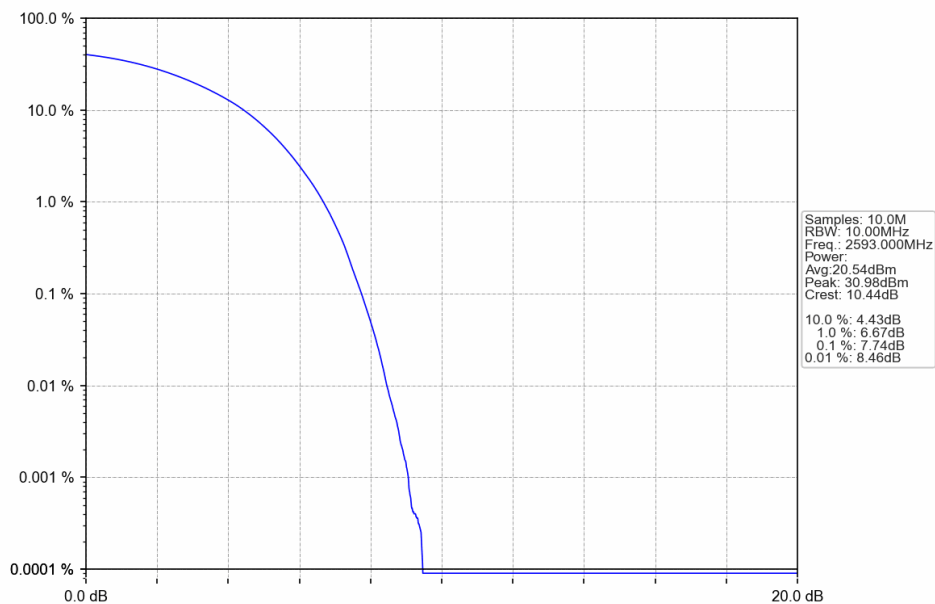
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



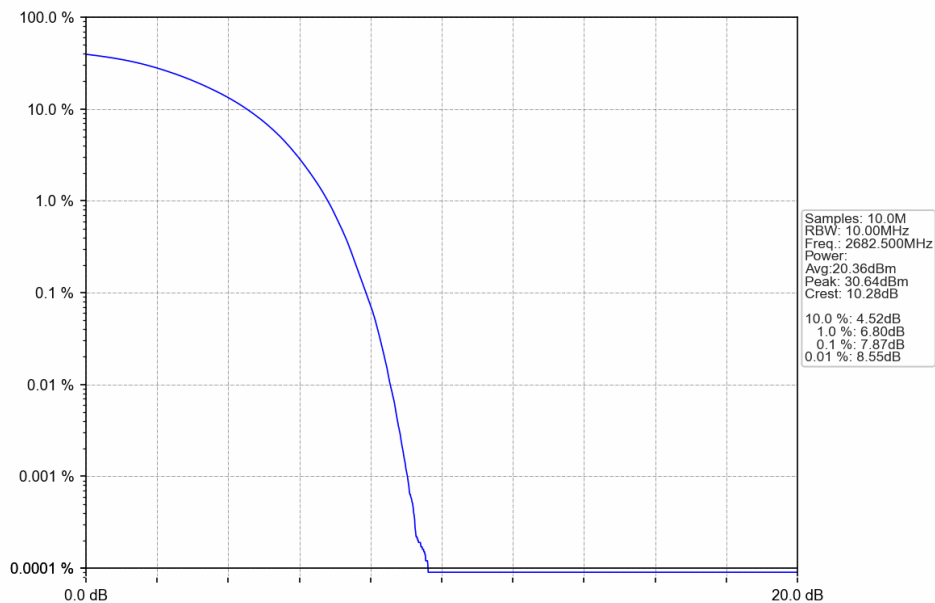
Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



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



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



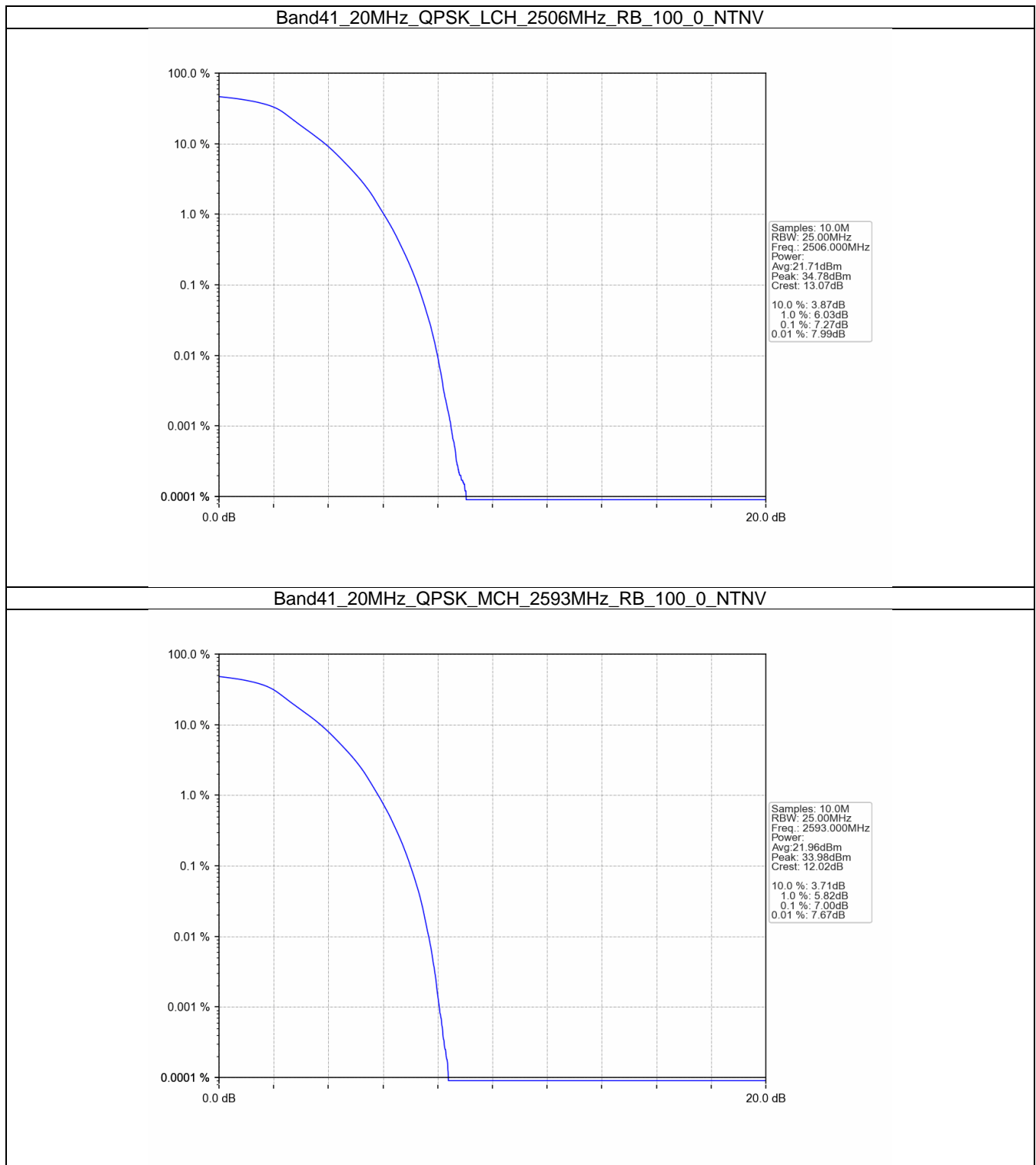
## 5.4 B41\_20MHz

### 5.4.1 Test Result

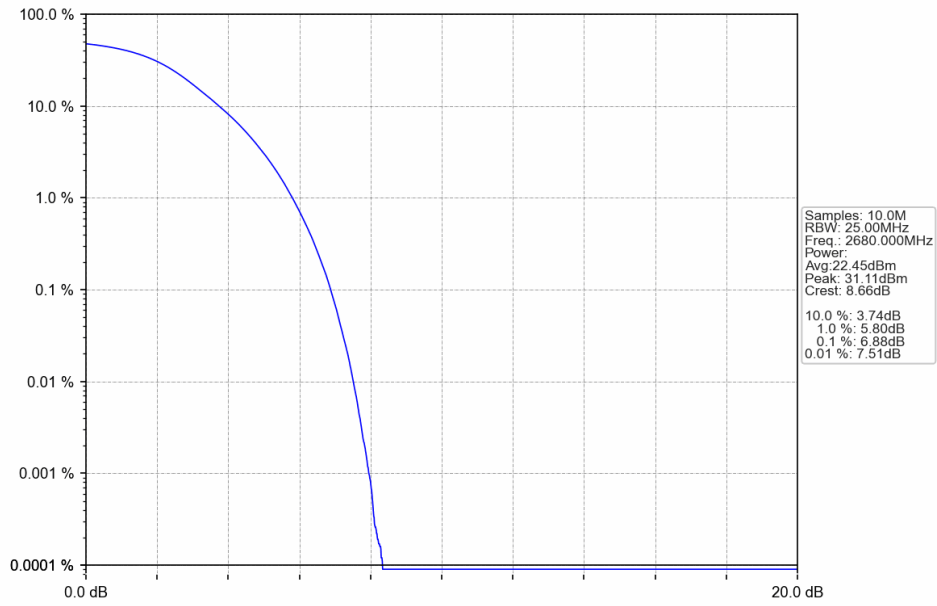
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.27	<=13	Pass
	2593	100	0	7.00	<=13	Pass
	2680	100	0	6.88	<=13	Pass
16QAM	2506	100	0	7.95	<=13	Pass
	2593	100	0	7.95	<=13	Pass
	2680	100	0	7.81	<=13	Pass



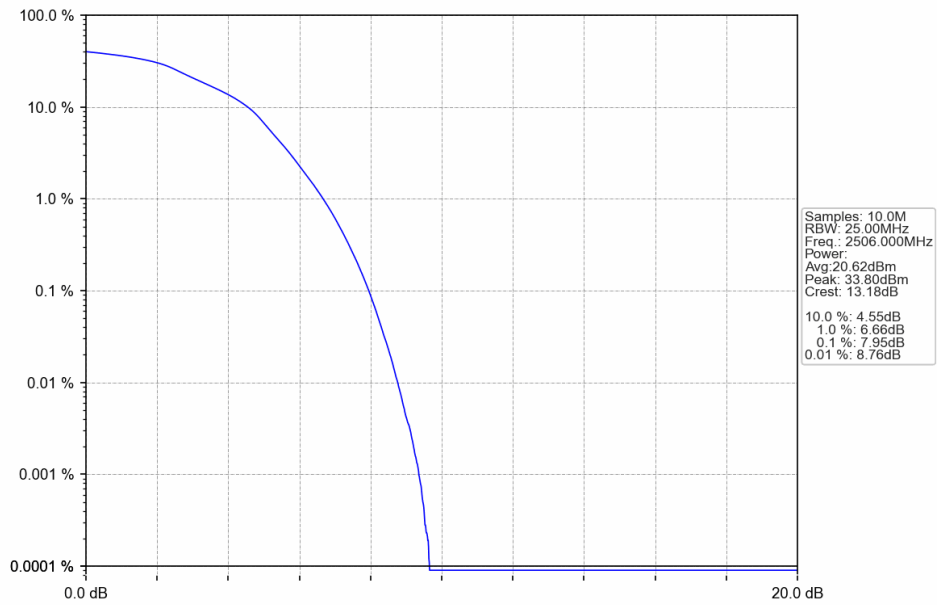
### 5.4.2 Test Graph



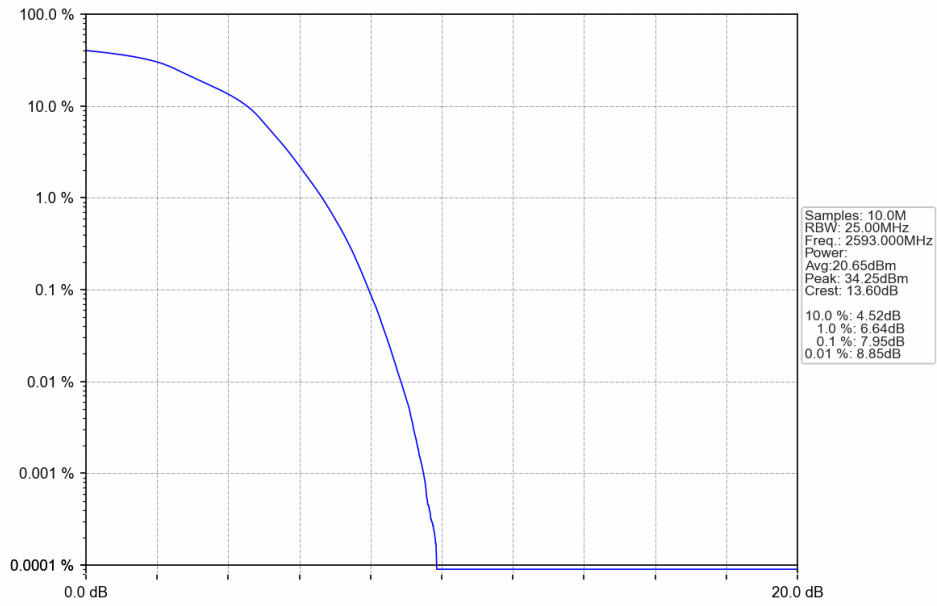
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



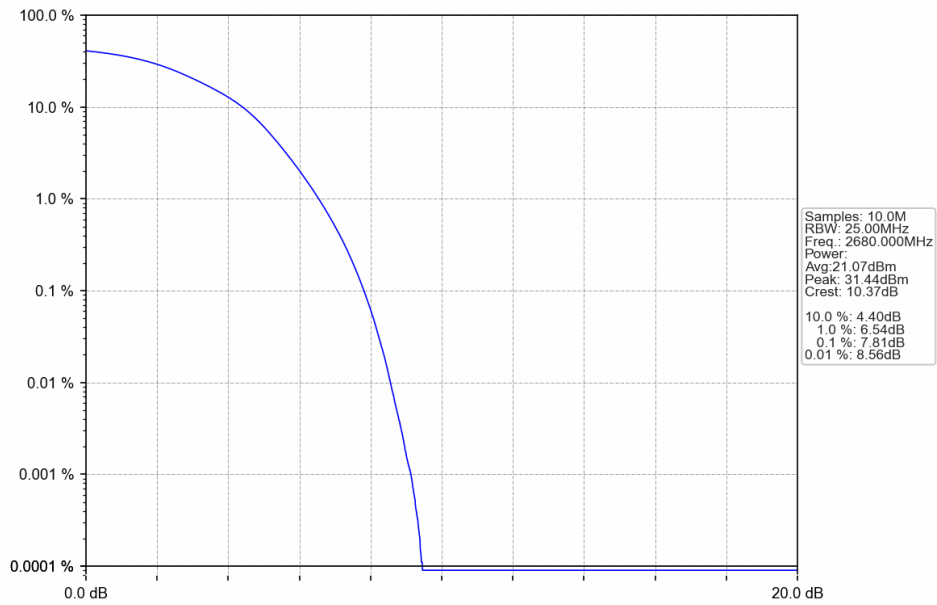
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



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



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



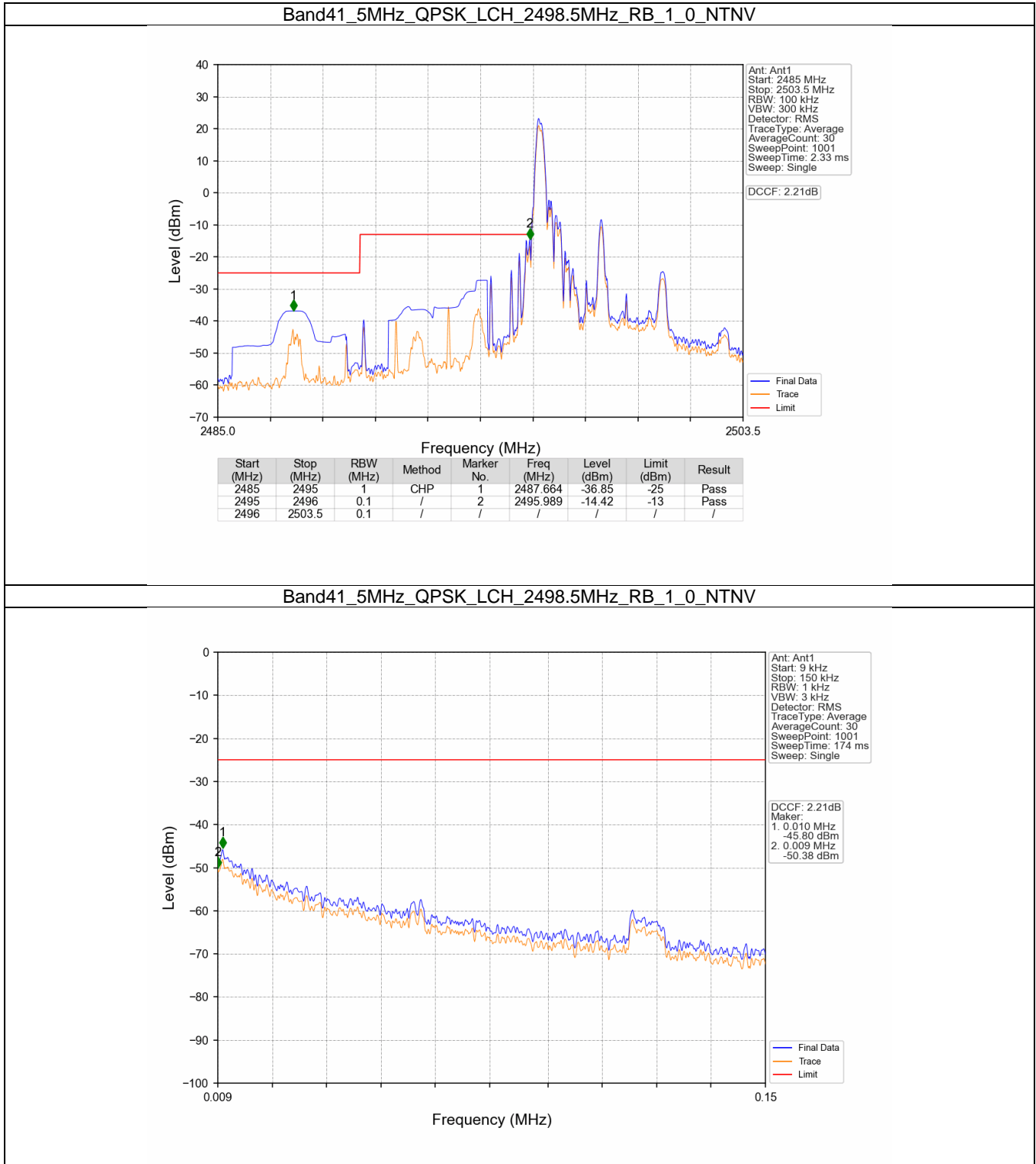
## 6. Spurious Emission

### 6.1 B41\_5MHz

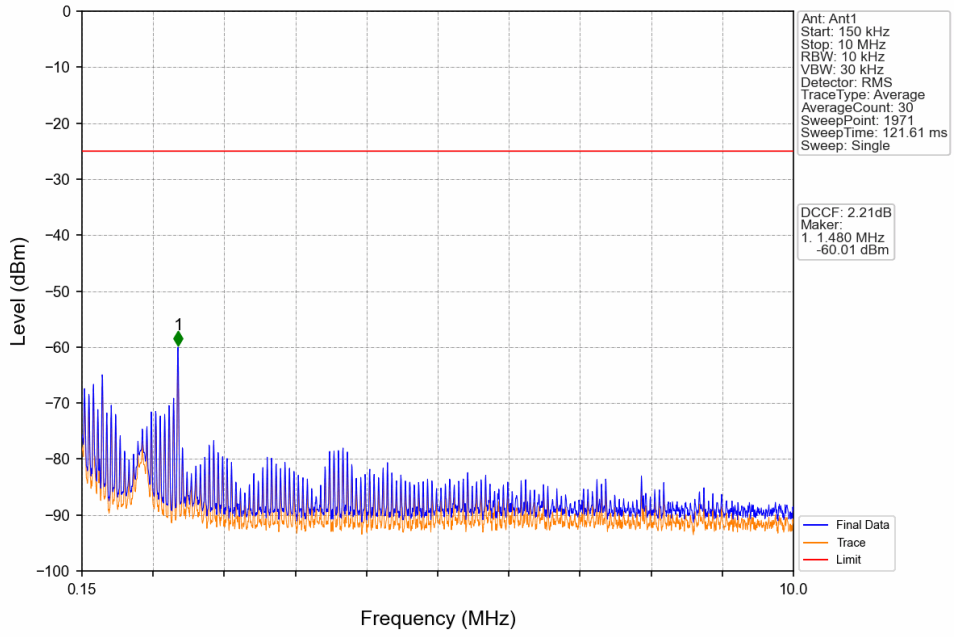
#### 6.1.1 Test Result

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

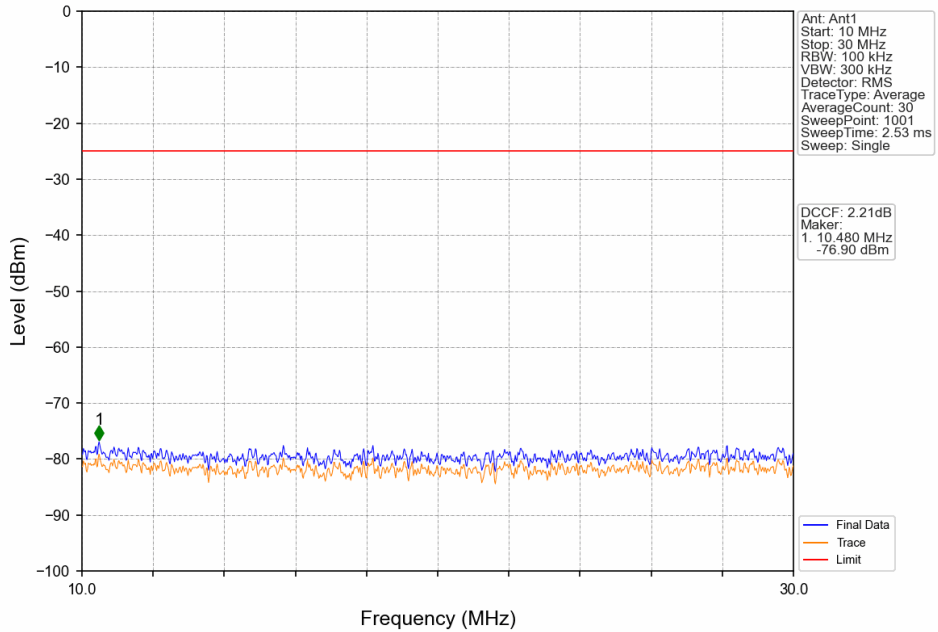
### 6.1.2 Test Graph



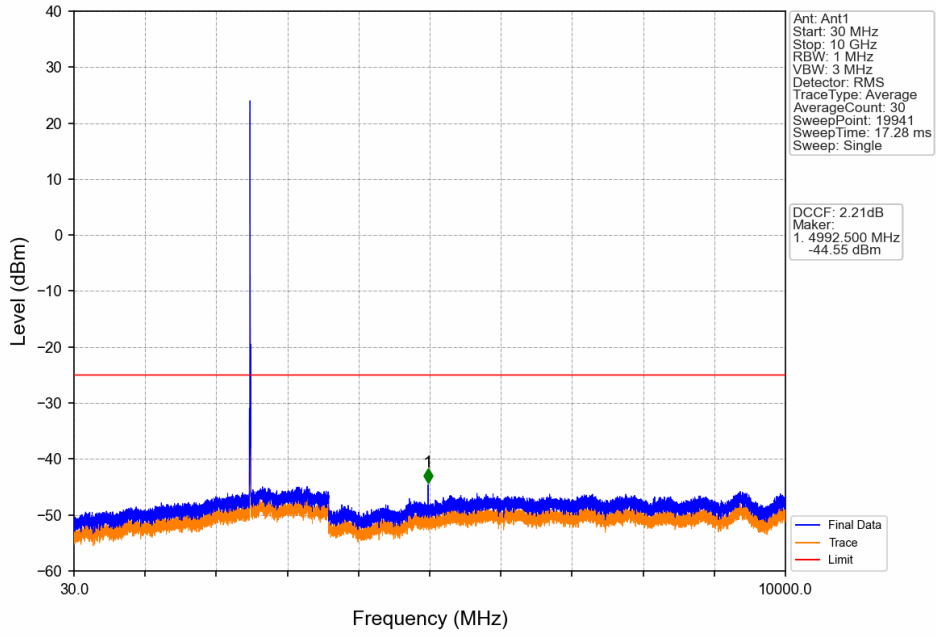
Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



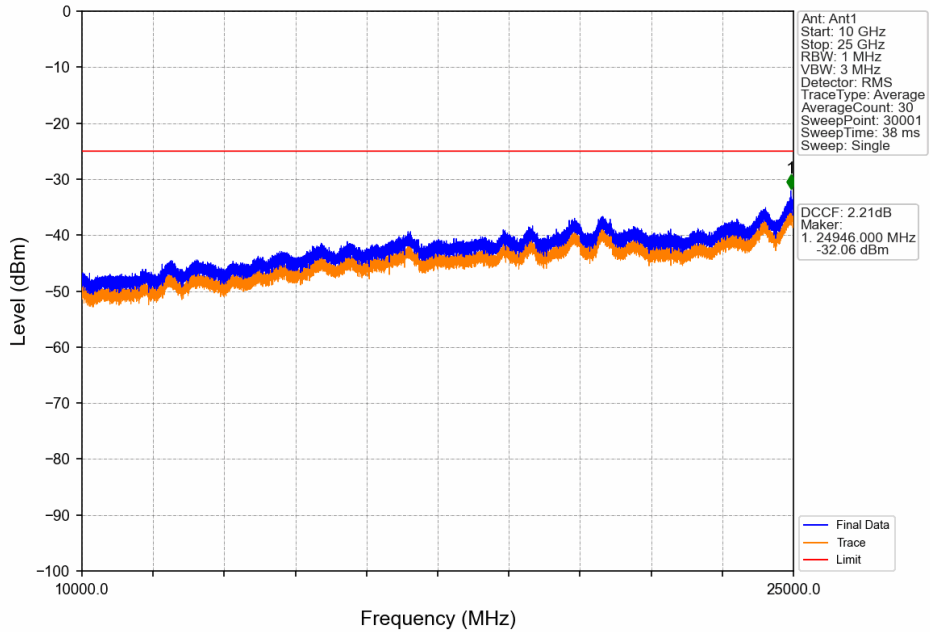
Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



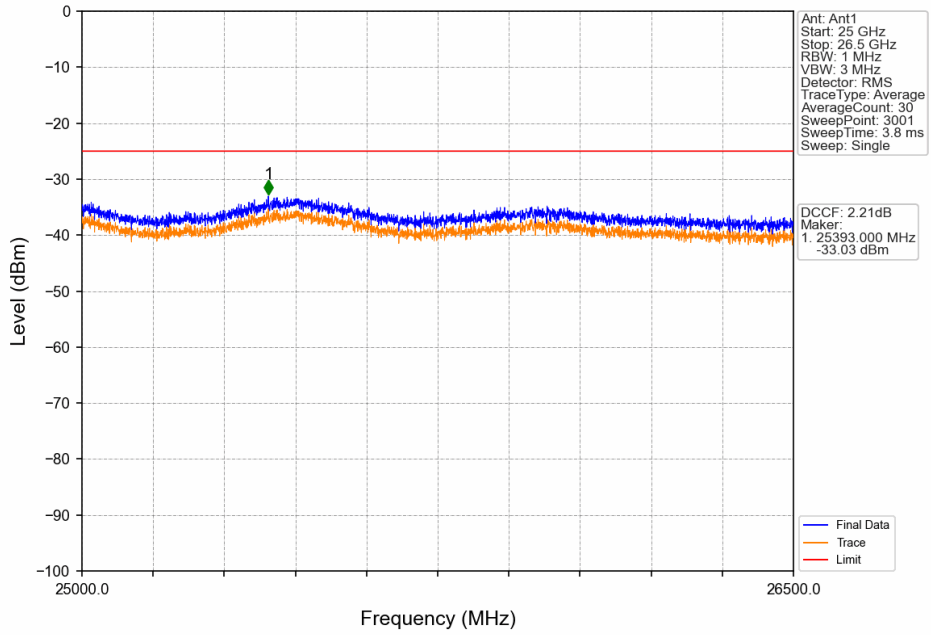
Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



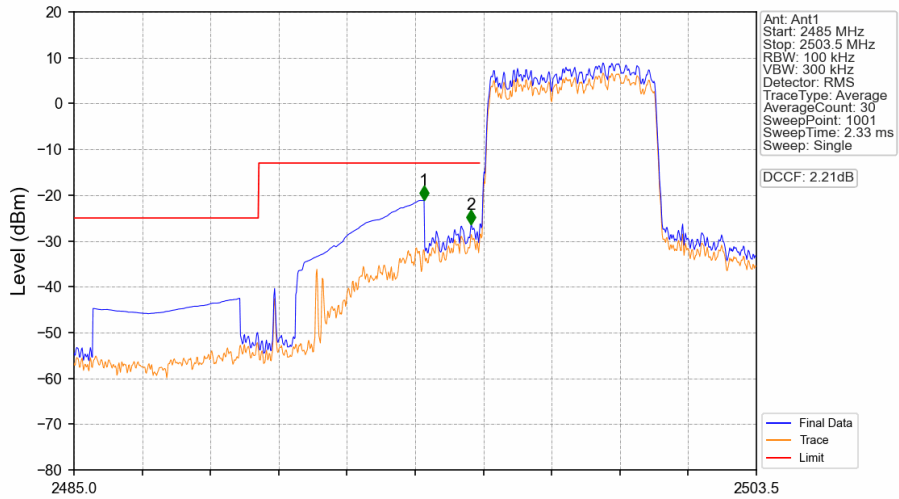
Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



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	-21.13	-13	Pass
2495	2496	0.1	/	2	2495.767	-26.39	-13	Pass
2496	2503.5	0.104	/	/	/	/	/	/