

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	2547.5	1	0	21.24	2.72	23.96	<=33.01	Pass		
			13	21.43	2.72	24.15	<=33.01	Pass		
			24	21.35	2.72	24.07	<=33.01	Pass		
		12	0	20.25	2.72	22.97	<=33.01	Pass		
			6	20.27	2.72	22.99	<=33.01	Pass		
			13	20.34	2.72	23.06	<=33.01	Pass		
		25	0	20.30	2.72	23.02	<=33.01	Pass		
		2600	1	0	21.94	2.72	24.66	<=33.01	Pass	
				13	21.93	2.72	24.65	<=33.01	Pass	
	24			21.82	2.72	24.54	<=33.01	Pass		
	12		0	20.91	2.72	23.63	<=33.01	Pass		
			6	20.94	2.72	23.66	<=33.01	Pass		
			13	20.84	2.72	23.56	<=33.01	Pass		
	25		0	20.84	2.72	23.56	<=33.01	Pass		
	2652.5		1	0	21.60	2.72	24.32	<=33.01	Pass	
				13	21.72	2.72	24.44	<=33.01	Pass	
		24		21.79	2.72	24.51	<=33.01	Pass		
		12	0	20.75	2.72	23.47	<=33.01	Pass		
			6	20.81	2.72	23.53	<=33.01	Pass		
			13	20.71	2.72	23.43	<=33.01	Pass		
		25	0	20.74	2.72	23.46	<=33.01	Pass		
		16QAM	2547.5	1	0	20.54	2.72	23.26	<=33.01	Pass
					13	20.44	2.72	23.16	<=33.01	Pass
	24				20.63	2.72	23.35	<=33.01	Pass	
12	0			19.30	2.72	22.02	<=33.01	Pass		
	6			19.33	2.72	22.05	<=33.01	Pass		
	13			19.33	2.72	22.05	<=33.01	Pass		
25	0			19.33	2.72	22.05	<=33.01	Pass		
2600	1			0	20.93	2.72	23.65	<=33.01	Pass	
				13	21.01	2.72	23.73	<=33.01	Pass	
			24	20.94	2.72	23.66	<=33.01	Pass		
	12		0	19.83	2.72	22.55	<=33.01	Pass		
			6	19.93	2.72	22.65	<=33.01	Pass		
			13	19.92	2.72	22.64	<=33.01	Pass		
	25		0	19.91	2.72	22.63	<=33.01	Pass		
	2652.5		1	0	20.76	2.72	23.48	<=33.01	Pass	
				13	20.90	2.72	23.62	<=33.01	Pass	
24				20.54	2.72	23.26	<=33.01	Pass		
12			0	19.75	2.72	22.47	<=33.01	Pass		
			6	19.75	2.72	22.47	<=33.01	Pass		
			13	19.66	2.72	22.38	<=33.01	Pass		
25			0	19.89	2.72	22.61	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B41_10MHz_EIRP

1.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2550	1	0	21.42	2.72	24.14	<=33.01	Pass		
			25	21.48	2.72	24.20	<=33.01	Pass		
			49	21.56	2.72	24.28	<=33.01	Pass		
		25	0	20.33	2.72	23.05	<=33.01	Pass		
			13	20.51	2.72	23.23	<=33.01	Pass		
			25	20.57	2.72	23.29	<=33.01	Pass		
		50	0	20.47	2.72	23.19	<=33.01	Pass		
		2600	1	0	21.95	2.72	24.67	<=33.01	Pass	
				25	22.13	2.72	24.85	<=33.01	Pass	
	49			22.06	2.72	24.78	<=33.01	Pass		
	25		0	21.01	2.72	23.73	<=33.01	Pass		
			13	21.05	2.72	23.77	<=33.01	Pass		
			25	21.05	2.72	23.77	<=33.01	Pass		
	50		0	21.05	2.72	23.77	<=33.01	Pass		
	2650		1	0	21.84	2.72	24.56	<=33.01	Pass	
				25	21.89	2.72	24.61	<=33.01	Pass	
		49		21.86	2.72	24.58	<=33.01	Pass		
		25	0	20.83	2.72	23.55	<=33.01	Pass		
			13	20.86	2.72	23.58	<=33.01	Pass		
			25	20.74	2.72	23.46	<=33.01	Pass		
		50	0	20.82	2.72	23.54	<=33.01	Pass		
		16QAM	2550	1	0	20.36	2.72	23.08	<=33.01	Pass
					25	20.76	2.72	23.48	<=33.01	Pass
	49				20.24	2.72	22.96	<=33.01	Pass	
25	0			19.43	2.72	22.15	<=33.01	Pass		
	13			19.54	2.72	22.26	<=33.01	Pass		
	25			19.57	2.72	22.29	<=33.01	Pass		
50	0			19.50	2.72	22.22	<=33.01	Pass		
2600	1			0	20.83	2.72	23.55	<=33.01	Pass	
				25	20.92	2.72	23.64	<=33.01	Pass	
			49	20.89	2.72	23.61	<=33.01	Pass		
	25		0	19.99	2.72	22.71	<=33.01	Pass		
			13	20.03	2.72	22.75	<=33.01	Pass		
			25	20.03	2.72	22.75	<=33.01	Pass		
	50		0	20.04	2.72	22.76	<=33.01	Pass		
	2650		1	0	20.93	2.72	23.65	<=33.01	Pass	
				25	20.91	2.72	23.63	<=33.01	Pass	
49				20.95	2.72	23.67	<=33.01	Pass		
25			0	19.89	2.72	22.61	<=33.01	Pass		
			13	19.88	2.72	22.60	<=33.01	Pass		
			25	19.77	2.72	22.49	<=33.01	Pass		
50			0	19.80	2.72	22.52	<=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	2552.5	1	0	21.25	2.72	23.97	<=33.01	Pass		
			38	21.52	2.72	24.24	<=33.01	Pass		
			74	21.47	2.72	24.19	<=33.01	Pass		
		36	0	20.33	2.72	23.05	<=33.01	Pass		
			18	20.49	2.72	23.21	<=33.01	Pass		
			39	20.53	2.72	23.25	<=33.01	Pass		
		75	0	20.48	2.72	23.20	<=33.01	Pass		
		2600	1	0	21.95	2.72	24.67	<=33.01	Pass	
				38	22.01	2.72	24.73	<=33.01	Pass	
	74			21.95	2.72	24.67	<=33.01	Pass		
	36		0	20.87	2.72	23.59	<=33.01	Pass		
			18	20.94	2.72	23.66	<=33.01	Pass		
			39	20.94	2.72	23.66	<=33.01	Pass		
	75		0	21.00	2.72	23.72	<=33.01	Pass		
	2647.5		1	0	21.77	2.72	24.49	<=33.01	Pass	
				38	21.87	2.72	24.59	<=33.01	Pass	
		74		21.81	2.72	24.53	<=33.01	Pass		
		36	0	20.78	2.72	23.50	<=33.01	Pass		
			18	20.88	2.72	23.60	<=33.01	Pass		
			39	20.73	2.72	23.45	<=33.01	Pass		
		75	0	20.80	2.72	23.52	<=33.01	Pass		
		16QAM	2552.5	1	0	20.23	2.72	22.95	<=33.01	Pass
					38	20.63	2.72	23.35	<=33.01	Pass
	74				20.94	2.72	23.66	<=33.01	Pass	
36	0			19.44	2.72	22.16	<=33.01	Pass		
	18			19.49	2.72	22.21	<=33.01	Pass		
	39			19.52	2.72	22.24	<=33.01	Pass		
75	0			19.48	2.72	22.20	<=33.01	Pass		
2600	1			0	20.67	2.72	23.39	<=33.01	Pass	
				38	20.88	2.72	23.60	<=33.01	Pass	
			74	20.80	2.72	23.52	<=33.01	Pass		
	36		0	19.88	2.72	22.60	<=33.01	Pass		
			18	19.96	2.72	22.68	<=33.01	Pass		
			39	19.94	2.72	22.66	<=33.01	Pass		
	75		0	19.97	2.72	22.69	<=33.01	Pass		
	2647.5		1	0	20.76	2.72	23.48	<=33.01	Pass	
				38	20.97	2.72	23.69	<=33.01	Pass	
74				20.91	2.72	23.63	<=33.01	Pass		
36			0	19.81	2.72	22.53	<=33.01	Pass		
			18	19.84	2.72	22.56	<=33.01	Pass		
			39	19.78	2.72	22.50	<=33.01	Pass		
75			0	19.76	2.72	22.48	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B41_20MHz_EIRP

1.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2555	1	0	21.21	2.72	23.93	<=33.01	Pass		
			50	21.56	2.72	24.28	<=33.01	Pass		
			99	21.60	2.72	24.32	<=33.01	Pass		
		50	0	20.38	2.72	23.10	<=33.01	Pass		
			25	20.59	2.72	23.31	<=33.01	Pass		
			50	20.60	2.72	23.32	<=33.01	Pass		
		100	0	20.50	2.72	23.22	<=33.01	Pass		
		2600	1	0	21.76	2.72	24.48	<=33.01	Pass	
				50	22.11	2.72	24.83	<=33.01	Pass	
	99			21.83	2.72	24.55	<=33.01	Pass		
	50		0	20.94	2.72	23.66	<=33.01	Pass		
			25	21.06	2.72	23.78	<=33.01	Pass		
			50	21.03	2.72	23.75	<=33.01	Pass		
	100		0	20.97	2.72	23.69	<=33.01	Pass		
	2645		1	0	21.73	2.72	24.45	<=33.01	Pass	
				50	21.92	2.72	24.64	<=33.01	Pass	
		99		21.73	2.72	24.45	<=33.01	Pass		
		50	0	20.80	2.72	23.52	<=33.01	Pass		
			25	20.83	2.72	23.55	<=33.01	Pass		
			50	20.73	2.72	23.45	<=33.01	Pass		
		100	0	20.79	2.72	23.51	<=33.01	Pass		
		16QAM	2555	1	0	20.29	2.72	23.01	<=33.01	Pass
					50	20.21	2.72	22.93	<=33.01	Pass
	99				20.65	2.72	23.37	<=33.01	Pass	
50	0			19.39	2.72	22.11	<=33.01	Pass		
	25			19.60	2.72	22.32	<=33.01	Pass		
	50			19.62	2.72	22.34	<=33.01	Pass		
100	0			19.49	2.72	22.21	<=33.01	Pass		
2600	1			0	20.66	2.72	23.38	<=33.01	Pass	
				50	20.82	2.72	23.54	<=33.01	Pass	
			99	20.59	2.72	23.31	<=33.01	Pass		
	50		0	19.88	2.72	22.60	<=33.01	Pass		
			25	20.07	2.72	22.79	<=33.01	Pass		
			50	19.97	2.72	22.69	<=33.01	Pass		
	100		0	19.99	2.72	22.71	<=33.01	Pass		
	2645		1	0	20.67	2.72	23.39	<=33.01	Pass	
				50	20.86	2.72	23.58	<=33.01	Pass	
99				20.68	2.72	23.40	<=33.01	Pass		
50			0	19.80	2.72	22.52	<=33.01	Pass		
			25	19.89	2.72	22.61	<=33.01	Pass		
			50	19.73	2.72	22.45	<=33.01	Pass		
100			0	19.78	2.72	22.50	<=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	2547.5	25	0	20	3.27	-13.633	-0.0054	-2.5 to 2.5	Pass
					3.85	-19.770	-0.0078	-2.5 to 2.5	Pass
					4.43	-29.740	-0.0117	-2.5 to 2.5	Pass
				-30	3.85	-66.562	-0.0261	-2.5 to 2.5	Pass
				-20	3.85	-64.673	-0.0254	-2.5 to 2.5	Pass
				-10	3.85	-61.226	-0.0240	-2.5 to 2.5	Pass
				0	3.85	-55.790	-0.0219	-2.5 to 2.5	Pass
				10	3.85	-69.952	-0.0275	-2.5 to 2.5	Pass
				30	3.85	-70.810	-0.0278	-2.5 to 2.5	Pass
				40	3.85	-50.912	-0.0200	-2.5 to 2.5	Pass
	50	3.85	-54.588	-0.0214	-2.5 to 2.5	Pass			
	2600	25	0	20	3.27	1.988	0.0008	-2.5 to 2.5	Pass
					3.85	-12.088	-0.0046	-2.5 to 2.5	Pass
					4.43	-12.345	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-12.016	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	4.692	0.0018	-2.5 to 2.5	Pass
				-10	3.85	8.354	0.0032	-2.5 to 2.5	Pass
				0	3.85	-6.180	-0.0024	-2.5 to 2.5	Pass
				10	3.85	3.548	0.0014	-2.5 to 2.5	Pass
				30	3.85	1.874	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.558	0.0002	-2.5 to 2.5	Pass
	50	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass			
	2652.5	25	0	20	3.27	23.074	0.0087	-2.5 to 2.5	Pass
					3.85	25.406	0.0096	-2.5 to 2.5	Pass
					4.43	11.573	0.0044	-2.5 to 2.5	Pass
				-30	3.85	-21.143	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-1.488	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	11.358	0.0043	-2.5 to 2.5	Pass
				0	3.85	6.824	0.0026	-2.5 to 2.5	Pass
				10	3.85	-13.318	-0.0050	-2.5 to 2.5	Pass
30				3.85	-19.541	-0.0074	-2.5 to 2.5	Pass	
40				3.85	4.735	0.0018	-2.5 to 2.5	Pass	
50	3.85	1.588	0.0006	-2.5 to 2.5	Pass				
16QAM	2547.5	25	0	20	3.27	-56.891	-0.0223	-2.5 to 2.5	Pass
					3.85	-66.018	-0.0259	-2.5 to 2.5	Pass
					4.43	-77.062	-0.0303	-2.5 to 2.5	Pass
				-30	3.85	-67.577	-0.0265	-2.5 to 2.5	Pass
				-20	3.85	-64.673	-0.0254	-2.5 to 2.5	Pass
				-10	3.85	-76.847	-0.0302	-2.5 to 2.5	Pass
				0	3.85	-4.907	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-9.756	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-4.649	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-6.537	-0.0026	-2.5 to 2.5	Pass
50	3.85	-12.431	-0.0049	-2.5 to 2.5	Pass				

	2600	25	0	20	3.27	-3.462	-0.0013	-2.5 to 2.5	Pass
					3.85	-7.553	-0.0029	-2.5 to 2.5	Pass
					4.43	0.186	0.0001	-2.5 to 2.5	Pass
				-30	3.85	3.920	0.0015	-2.5 to 2.5	Pass
				-20	3.85	1.259	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-11.930	-0.0046	-2.5 to 2.5	Pass
				0	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.85	4.406	0.0017	-2.5 to 2.5	Pass
				30	3.85	4.535	0.0017	-2.5 to 2.5	Pass
	40	3.85	-6.838	-0.0026	-2.5 to 2.5	Pass			
	50	3.85	-7.882	-0.0030	-2.5 to 2.5	Pass			
	2652.5	25	0	20	3.27	-3.991	-0.0015	-2.5 to 2.5	Pass
					3.85	-14.133	-0.0053	-2.5 to 2.5	Pass
					4.43	7.181	0.0027	-2.5 to 2.5	Pass
				-30	3.85	17.309	0.0065	-2.5 to 2.5	Pass
				-20	3.85	18.110	0.0068	-2.5 to 2.5	Pass
				-10	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				0	3.85	15.564	0.0059	-2.5 to 2.5	Pass
10				3.85	14.277	0.0054	-2.5 to 2.5	Pass	
30				3.85	29.182	0.0110	-2.5 to 2.5	Pass	
40	3.85	23.332	0.0088	-2.5 to 2.5	Pass				
50	3.85	3.233	0.0012	-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	2550	50	0	20	3.27	-7.324	-0.0029	-2.5 to 2.5	Pass
					3.85	-5.565	-0.0022	-2.5 to 2.5	Pass
					4.43	-1.230	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-5.665	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-2.432	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-3.920	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-3.047	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.747	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-4.334	-0.0017	-2.5 to 2.5	Pass
	40	3.85	-2.604	-0.0010	-2.5 to 2.5	Pass			
	50	3.85	-6.723	-0.0026	-2.5 to 2.5	Pass			
	2600	50	0	20	3.27	2.160	0.0008	-2.5 to 2.5	Pass
					3.85	-1.760	-0.0007	-2.5 to 2.5	Pass
					4.43	-6.609	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-4.692	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-3.848	-0.0015	-2.5 to 2.5	Pass
				0	3.85	2.518	0.0010	-2.5 to 2.5	Pass
10				3.85	2.890	0.0011	-2.5 to 2.5	Pass	
30				3.85	-5.250	-0.0020	-2.5 to 2.5	Pass	
40	3.85	-0.615	-0.0002	-2.5 to 2.5	Pass				
50	3.85	-3.848	-0.0015	-2.5 to 2.5	Pass				

	2650	50	0	20	3.27	0.057	0.0000	-2.5 to 2.5	Pass							
					3.85	-0.844	-0.0003	-2.5 to 2.5	Pass							
					4.43	-2.217	-0.0008	-2.5 to 2.5	Pass							
				-30	-20	-10	0	10	30	40	50	3.85	1.302	0.0005	-2.5 to 2.5	Pass
												3.85	-3.419	-0.0013	-2.5 to 2.5	Pass
				3.85	-2.446	-0.0009	-2.5 to 2.5	Pass								
				3.85	1.531	0.0006	-2.5 to 2.5	Pass								
				3.85	-0.529	-0.0002	-2.5 to 2.5	Pass								
				3.85	-3.290	-0.0012	-2.5 to 2.5	Pass								
				3.85	-2.718	-0.0010	-2.5 to 2.5	Pass								
3.85	0.057	0.0000	-2.5 to 2.5	Pass												
16QAM	2550	50	0	20	3.27	-1.173	-0.0005	-2.5 to 2.5	Pass							
					3.85	-2.046	-0.0008	-2.5 to 2.5	Pass							
					4.43	-4.778	-0.0019	-2.5 to 2.5	Pass							
				-30	-20	-10	0	10	30	40	50	3.85	-1.273	-0.0005	-2.5 to 2.5	Pass
												3.85	-4.978	-0.0020	-2.5 to 2.5	Pass
				3.85	0.458	0.0002	-2.5 to 2.5	Pass								
				3.85	-6.709	-0.0026	-2.5 to 2.5	Pass								
				3.85	-3.233	-0.0013	-2.5 to 2.5	Pass								
				3.85	-0.644	-0.0003	-2.5 to 2.5	Pass								
				3.85	-6.509	-0.0026	-2.5 to 2.5	Pass								
	3.85	-4.864	-0.0019	-2.5 to 2.5	Pass											
	2600	50	0	20	3.27	-4.563	-0.0018	-2.5 to 2.5	Pass							
					3.85	-0.157	-0.0001	-2.5 to 2.5	Pass							
					4.43	-3.161	-0.0012	-2.5 to 2.5	Pass							
				-30	-20	-10	0	10	30	40	50	3.85	2.160	0.0008	-2.5 to 2.5	Pass
												3.85	-5.493	-0.0021	-2.5 to 2.5	Pass
				3.85	-1.001	-0.0004	-2.5 to 2.5	Pass								
				3.85	-0.529	-0.0002	-2.5 to 2.5	Pass								
				3.85	-8.025	-0.0031	-2.5 to 2.5	Pass								
				3.85	2.646	0.0010	-2.5 to 2.5	Pass								
				3.85	-1.559	-0.0006	-2.5 to 2.5	Pass								
	3.85	-4.649	-0.0018	-2.5 to 2.5	Pass											
	2650	50	0	20	3.27	1.144	0.0004	-2.5 to 2.5	Pass							
					3.85	-1.259	-0.0005	-2.5 to 2.5	Pass							
					4.43	-8.254	-0.0031	-2.5 to 2.5	Pass							
				-30	-20	-10	0	10	30	40	50	3.85	0.043	0.0000	-2.5 to 2.5	Pass
												3.85	-0.358	-0.0001	-2.5 to 2.5	Pass
				3.85	1.216	0.0005	-2.5 to 2.5	Pass								
				3.85	-2.089	-0.0008	-2.5 to 2.5	Pass								
				3.85	2.990	0.0011	-2.5 to 2.5	Pass								
3.85				-3.462	-0.0013	-2.5 to 2.5	Pass									
3.85				-0.644	-0.0002	-2.5 to 2.5	Pass									
3.85	-3.648	-0.0014	-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	2552.5	75	0	20	3.27	0.358	0.0001	-2.5 to 2.5	Pass	
					3.85	-4.878	-0.0019	-2.5 to 2.5	Pass	
					4.43	-2.317	-0.0009	-2.5 to 2.5	Pass	
				-30	3.85	-2.174	-0.0009	-2.5 to 2.5	Pass	
					-20	3.85	-3.362	-0.0013	-2.5 to 2.5	Pass
						3.85	-5.536	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-1.044	-0.0004	-2.5 to 2.5	Pass	
					10	3.85	-3.805	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-9.627	-0.0038	-2.5 to 2.5	Pass	
	40	3.85	-3.963	-0.0016	-2.5 to 2.5	Pass				
	50	3.85	-6.709	-0.0026	-2.5 to 2.5	Pass				
	2600	75	0	20	3.27	-5.007	-0.0019	-2.5 to 2.5	Pass	
					3.85	-7.024	-0.0027	-2.5 to 2.5	Pass	
					4.43	-7.625	-0.0029	-2.5 to 2.5	Pass	
				-30	3.85	-0.873	-0.0003	-2.5 to 2.5	Pass	
					-20	3.85	-1.488	-0.0006	-2.5 to 2.5	Pass
						3.85	-5.221	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-5.736	-0.0022	-2.5 to 2.5	Pass	
					10	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-3.877	-0.0015	-2.5 to 2.5	Pass	
	40	3.85	-5.579	-0.0021	-2.5 to 2.5	Pass				
	50	3.85	-0.386	-0.0001	-2.5 to 2.5	Pass				
	2647.5	75	0	20	3.27	-3.676	-0.0014	-2.5 to 2.5	Pass	
					3.85	-3.076	-0.0012	-2.5 to 2.5	Pass	
					4.43	-3.219	-0.0012	-2.5 to 2.5	Pass	
				-30	3.85	-9.127	-0.0034	-2.5 to 2.5	Pass	
					-20	3.85	0.086	0.0000	-2.5 to 2.5	Pass
3.85						-4.120	-0.0016	-2.5 to 2.5	Pass	
0				3.85	-7.195	-0.0027	-2.5 to 2.5	Pass		
				10	3.85	1.416	0.0005	-2.5 to 2.5	Pass	
30				3.85	0.043	0.0000	-2.5 to 2.5	Pass		
40	3.85	-1.431	-0.0005	-2.5 to 2.5	Pass					
50	3.85	-4.463	-0.0017	-2.5 to 2.5	Pass					
16QAM	2552.5	75	0	20	3.27	-7.782	-0.0030	-2.5 to 2.5	Pass	
					3.85	-1.960	-0.0008	-2.5 to 2.5	Pass	
					4.43	-1.774	-0.0007	-2.5 to 2.5	Pass	
				-30	3.85	2.260	0.0009	-2.5 to 2.5	Pass	
					-20	3.85	-10.114	-0.0040	-2.5 to 2.5	Pass
						3.85	0.229	0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.300	-0.0001	-2.5 to 2.5	Pass	
					10	3.85	-7.811	-0.0031	-2.5 to 2.5	Pass
				30	3.85	2.847	0.0011	-2.5 to 2.5	Pass	
	40	3.85	-1.874	-0.0007	-2.5 to 2.5	Pass				
	50	3.85	-1.917	-0.0008	-2.5 to 2.5	Pass				
	2600	75	0	20	3.27	-2.489	-0.0010	-2.5 to 2.5	Pass	
					3.85	-4.392	-0.0017	-2.5 to 2.5	Pass	
					4.43	-1.001	-0.0004	-2.5 to 2.5	Pass	
				-30	3.85	-5.493	-0.0021	-2.5 to 2.5	Pass	
					-20	3.85	-9.656	-0.0037	-2.5 to 2.5	Pass
						3.85	-1.903	-0.0007	-2.5 to 2.5	Pass
				0	3.85	1.287	0.0005	-2.5 to 2.5	Pass	
					10	3.85	0.501	0.0002	-2.5 to 2.5	Pass
				30	3.85	-2.818	-0.0011	-2.5 to 2.5	Pass	
	40	3.85	0.987	0.0004	-2.5 to 2.5	Pass				
	50	3.85	-8.712	-0.0034	-2.5 to 2.5	Pass				

	2647.5	75	0	20	3.27	-1.316	-0.0005	-2.5 to 2.5	Pass
					3.85	-2.804	-0.0011	-2.5 to 2.5	Pass
					4.43	-3.934	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-2.875	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-7.081	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-4.063	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-1.931	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-3.791	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-3.304	-0.0012	-2.5 to 2.5	Pass
50	3.85	-6.609	-0.0025	-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	2555	100	0	20	3.27	-3.462	-0.0014	-2.5 to 2.5	Pass			
					3.85	-7.353	-0.0029	-2.5 to 2.5	Pass			
					4.43	-6.866	-0.0027	-2.5 to 2.5	Pass			
				-30	3.85	-2.489	-0.0010	-2.5 to 2.5	Pass			
				-20	3.85	-4.778	-0.0019	-2.5 to 2.5	Pass			
				-10	3.85	-0.787	-0.0003	-2.5 to 2.5	Pass			
				0	3.85	-5.708	-0.0022	-2.5 to 2.5	Pass			
				10	3.85	-0.372	-0.0001	-2.5 to 2.5	Pass			
				30	3.85	-1.903	-0.0007	-2.5 to 2.5	Pass			
				40	3.85	-4.063	-0.0016	-2.5 to 2.5	Pass			
				50	3.85	-3.233	-0.0013	-2.5 to 2.5	Pass			
				2600	100	0	20	3.27	-5.136	-0.0020	-2.5 to 2.5	Pass
								3.85	-3.963	-0.0015	-2.5 to 2.5	Pass
								4.43	-1.874	-0.0007	-2.5 to 2.5	Pass
							-30	3.85	-4.892	-0.0019	-2.5 to 2.5	Pass
	-20	3.85	-0.987				-0.0004	-2.5 to 2.5	Pass			
	-10	3.85	-3.705				-0.0014	-2.5 to 2.5	Pass			
	0	3.85	-5.193				-0.0020	-2.5 to 2.5	Pass			
	10	3.85	-3.648				-0.0014	-2.5 to 2.5	Pass			
	30	3.85	-9.356				-0.0036	-2.5 to 2.5	Pass			
	40	3.85	-1.516	-0.0006	-2.5 to 2.5	Pass						
	50	3.85	-1.345	-0.0005	-2.5 to 2.5	Pass						
	2645	100	0	20	3.27	5.980	0.0023	-2.5 to 2.5	Pass			
					3.85	-3.004	-0.0011	-2.5 to 2.5	Pass			
					4.43	-1.659	-0.0006	-2.5 to 2.5	Pass			
				-30	3.85	-2.575	-0.0010	-2.5 to 2.5	Pass			
				-20	3.85	-5.364	-0.0020	-2.5 to 2.5	Pass			
				-10	3.85	-2.189	-0.0008	-2.5 to 2.5	Pass			
				0	3.85	-1.659	-0.0006	-2.5 to 2.5	Pass			
				10	3.85	-3.948	-0.0015	-2.5 to 2.5	Pass			
30				3.85	-1.860	-0.0007	-2.5 to 2.5	Pass				
40				3.85	-3.505	-0.0013	-2.5 to 2.5	Pass				
50				3.85	-6.509	-0.0025	-2.5 to 2.5	Pass				

16QAM	2555	100	0	20	3.27	-3.719	-0.0015	-2.5 to 2.5	Pass	
					3.85	-8.769	-0.0034	-2.5 to 2.5	Pass	
					4.43	-0.615	-0.0002	-2.5 to 2.5	Pass	
				-30	3.85	-4.220	-0.0017	-2.5 to 2.5	Pass	
					-20	3.85	-2.203	-0.0009	-2.5 to 2.5	Pass
						-10	3.85	-0.987	-0.0004	-2.5 to 2.5
				0	3.85	-5.765	-0.0023	-2.5 to 2.5	Pass	
					10	3.85	-0.715	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.144	-0.0004	-2.5 to 2.5	Pass	
				40	3.85	-4.206	-0.0016	-2.5 to 2.5	Pass	
	50	3.85	1.059	0.0004	-2.5 to 2.5	Pass				
	2600	100	0	20	3.27	-9.255	-0.0036	-2.5 to 2.5	Pass	
					3.85	-1.774	-0.0007	-2.5 to 2.5	Pass	
					4.43	-2.317	-0.0009	-2.5 to 2.5	Pass	
				-30	3.85	-3.319	-0.0013	-2.5 to 2.5	Pass	
					-20	3.85	-1.502	-0.0006	-2.5 to 2.5	Pass
						-10	3.85	-8.640	-0.0033	-2.5 to 2.5
				0	3.85	1.659	0.0006	-2.5 to 2.5	Pass	
					10	3.85	-1.774	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-5.078	-0.0020	-2.5 to 2.5	Pass	
				40	3.85	-4.263	-0.0016	-2.5 to 2.5	Pass	
	50	3.85	-6.366	-0.0024	-2.5 to 2.5	Pass				
	2645	100	0	20	3.27	-1.516	-0.0006	-2.5 to 2.5	Pass	
					3.85	-2.503	-0.0009	-2.5 to 2.5	Pass	
					4.43	-1.960	-0.0007	-2.5 to 2.5	Pass	
				-30	3.85	-4.277	-0.0016	-2.5 to 2.5	Pass	
					-20	3.85	-5.221	-0.0020	-2.5 to 2.5	Pass
						-10	3.85	-0.730	-0.0003	-2.5 to 2.5
				0	3.85	-5.035	-0.0019	-2.5 to 2.5	Pass	
					10	3.85	-10.872	-0.0041	-2.5 to 2.5	Pass
30				3.85	0.300	0.0001	-2.5 to 2.5	Pass		
40				3.85	-3.805	-0.0014	-2.5 to 2.5	Pass		
50	3.85	-6.552	-0.0025	-2.5 to 2.5	Pass					

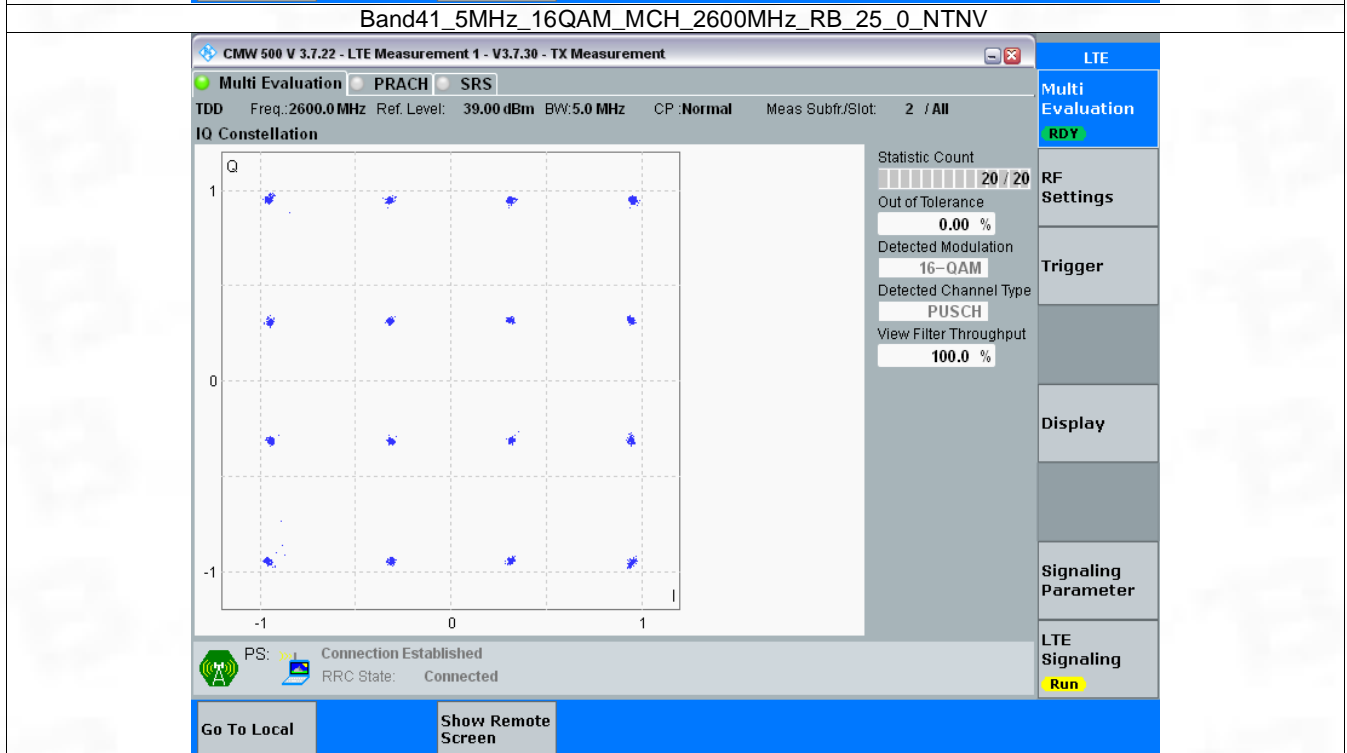
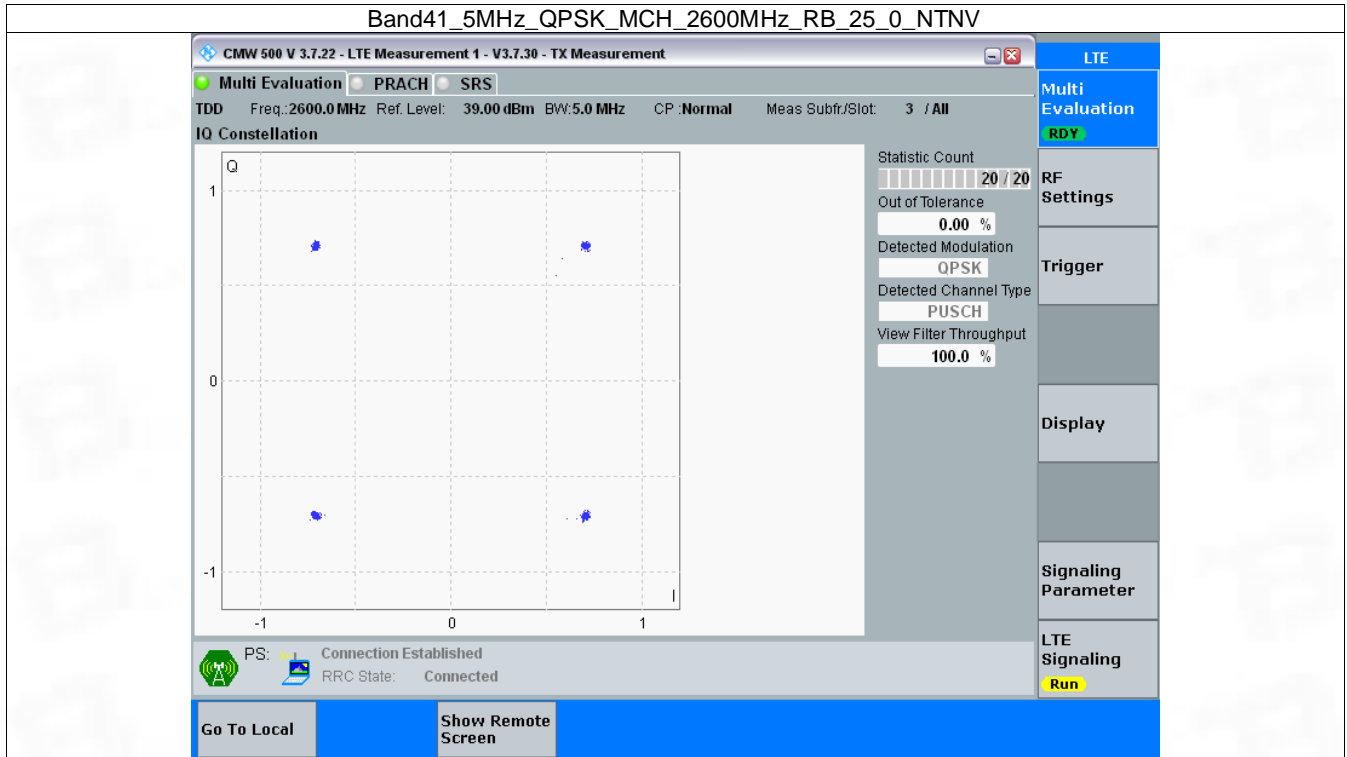
3. Modulation Characteristics

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	2600	25	0	Refer To Test Graph		Pass
16QAM	2600	25	0	Refer To Test Graph		Pass

3.1.2 Test Graph

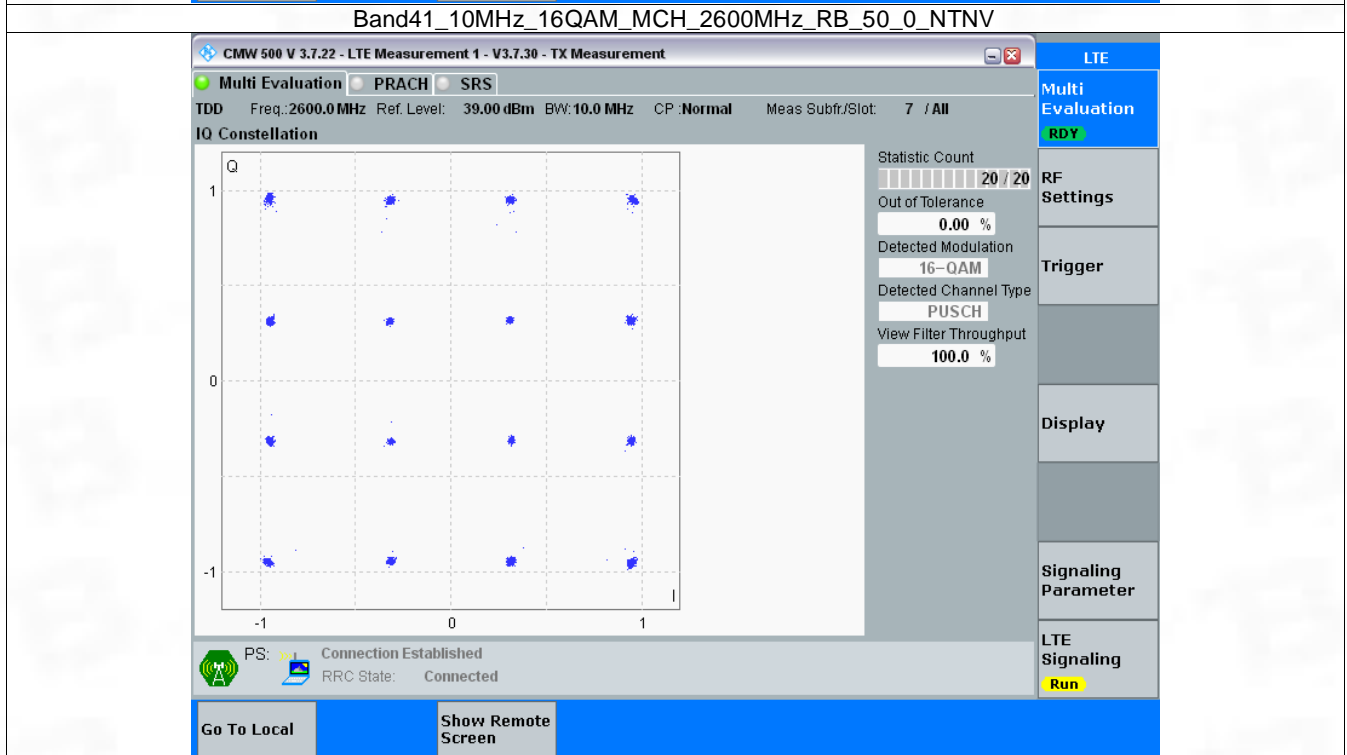
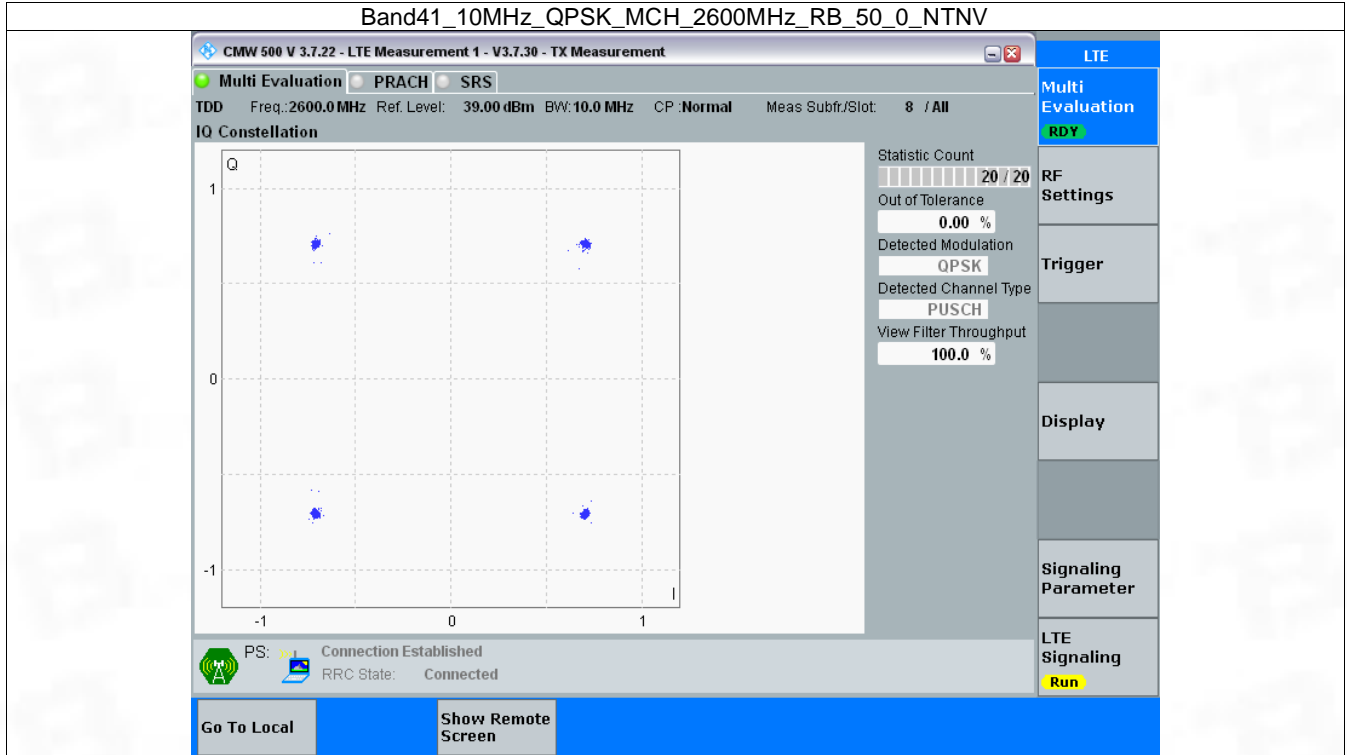


3.2 B41_10MHz

3.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2600	50	0	Refer To Test Graph		Pass
16QAM	2600	50	0	Refer To Test Graph		Pass

3.2.2 Test Graph

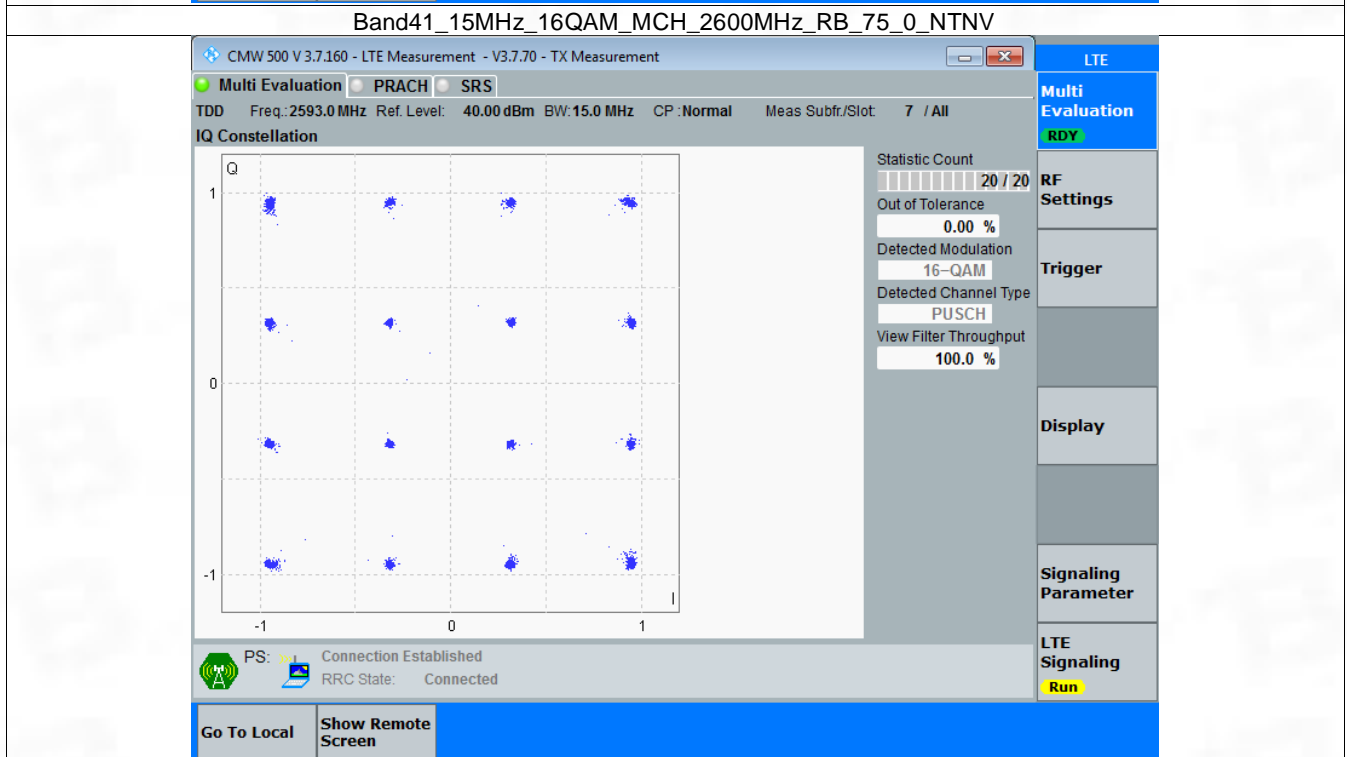
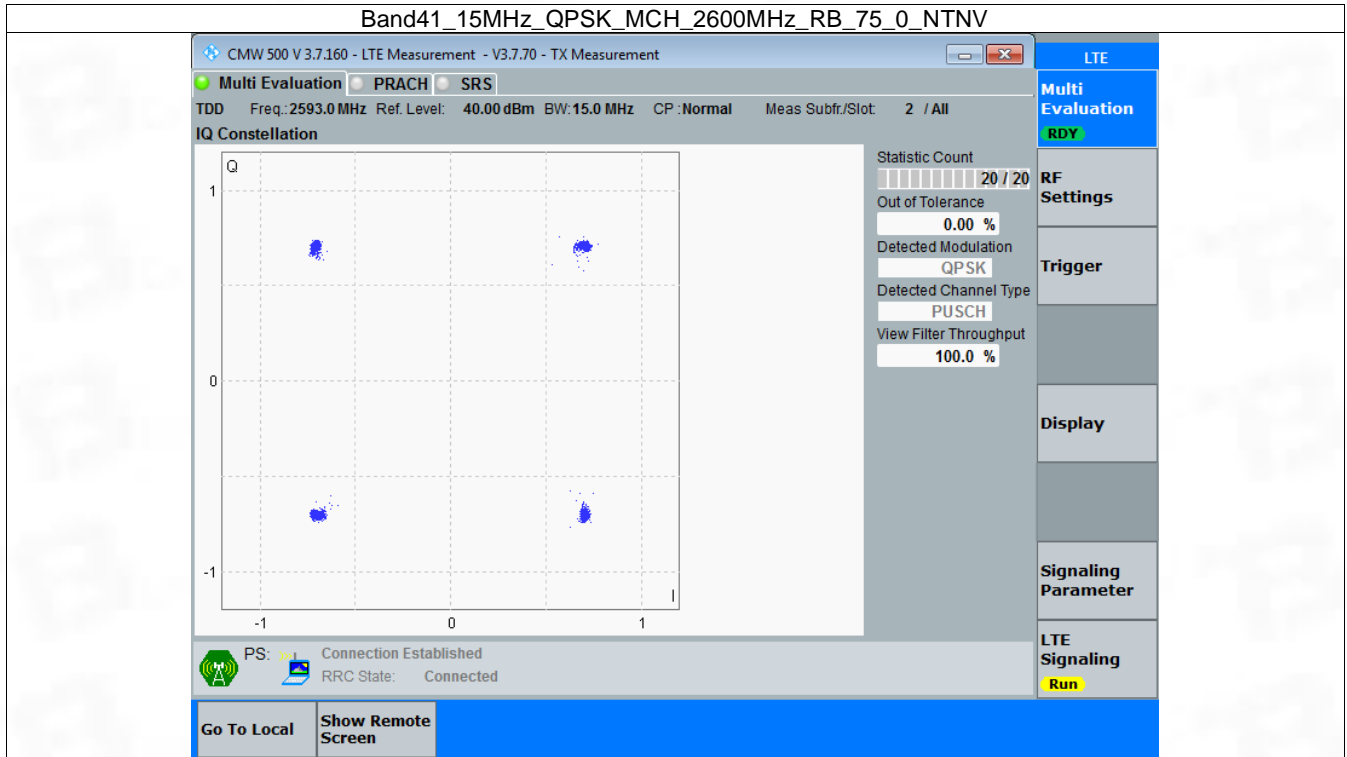


3.3 B41_15MHz

3.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2600	75	0	Refer To Test Graph		Pass
16QAM	2600	75	0	Refer To Test Graph		Pass

3.3.2 Test Graph

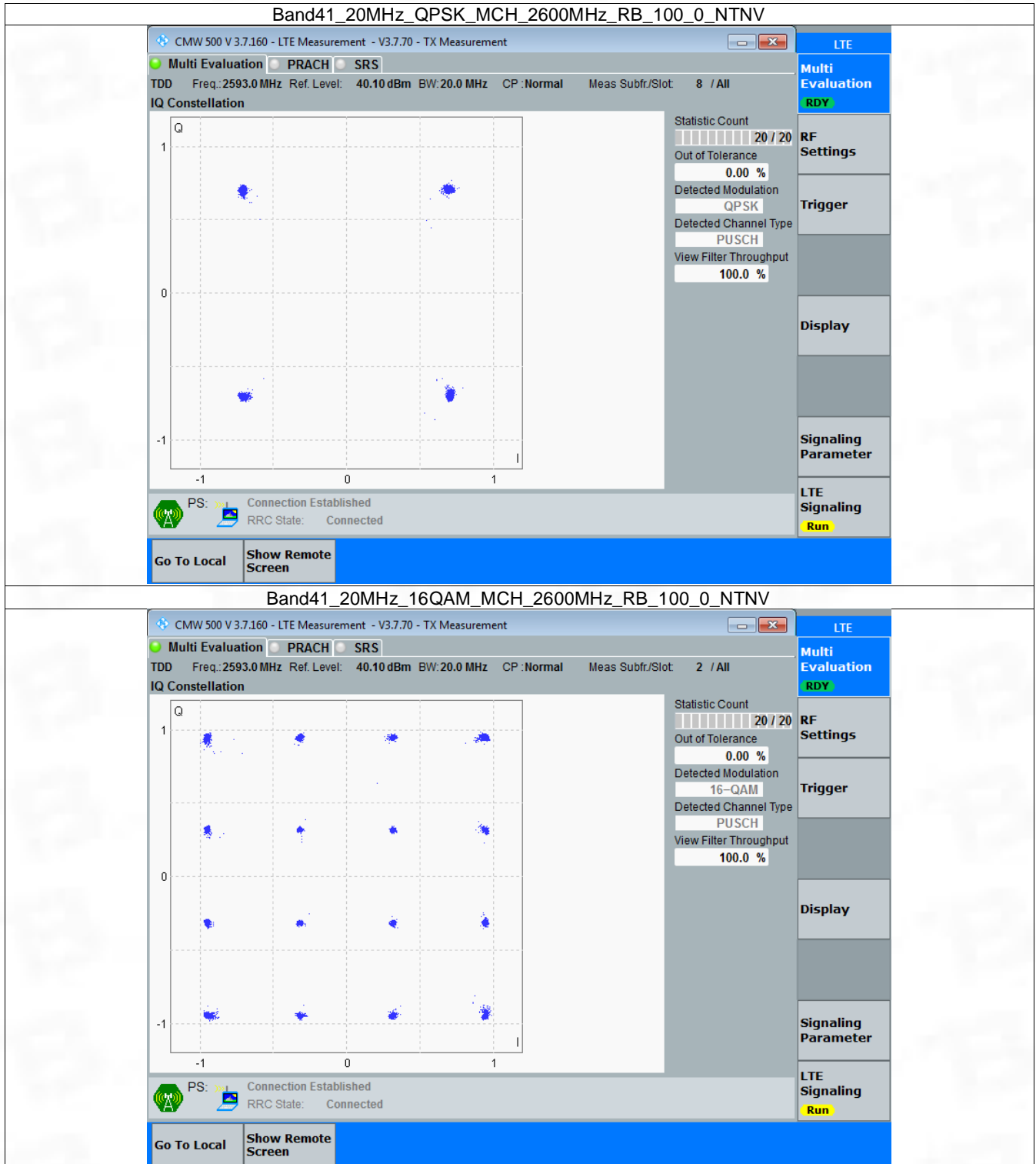


3.4 B41_20MHz

3.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2600	100	0	Refer To Test Graph		Pass
16QAM	2600	100	0	Refer To Test Graph		Pass

3.4.2 Test Graph



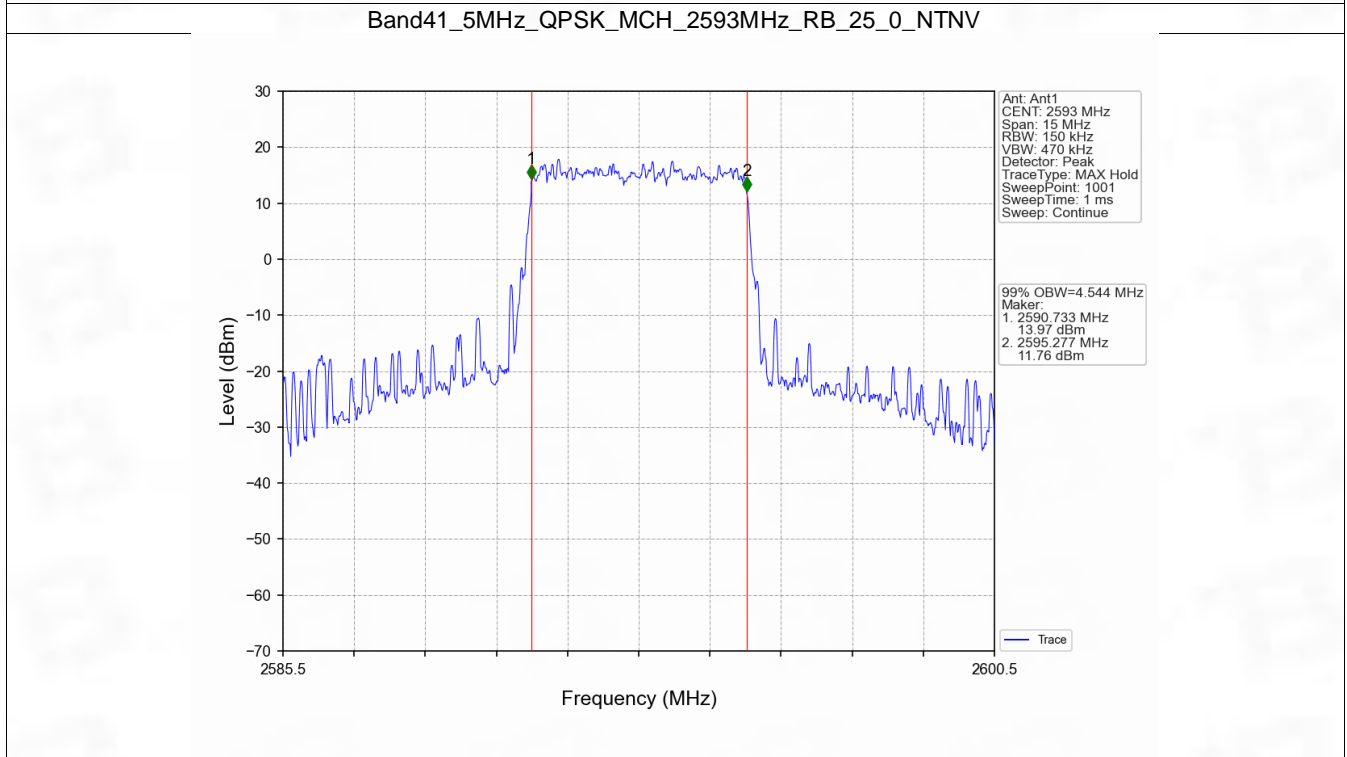
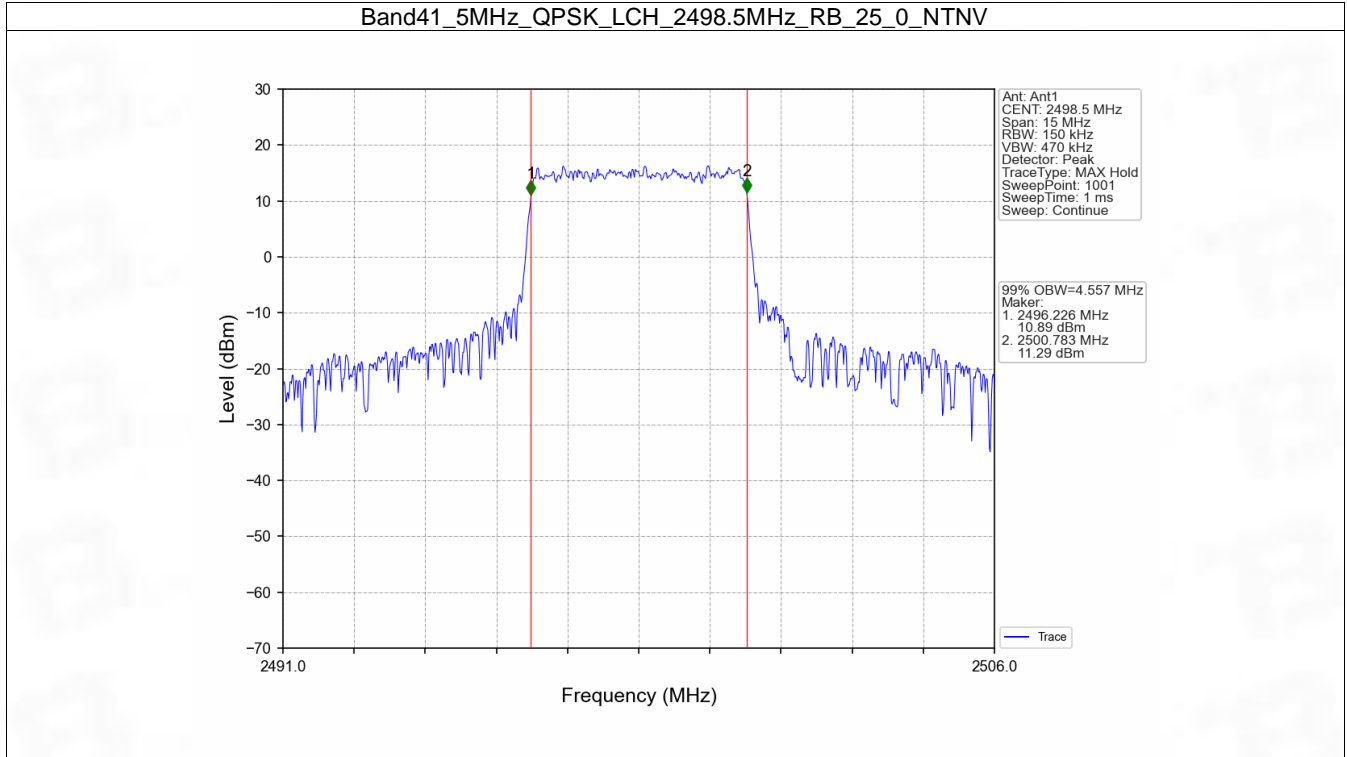
4. 99% & 26dB Bandwidth

4.1 Band41_OBW

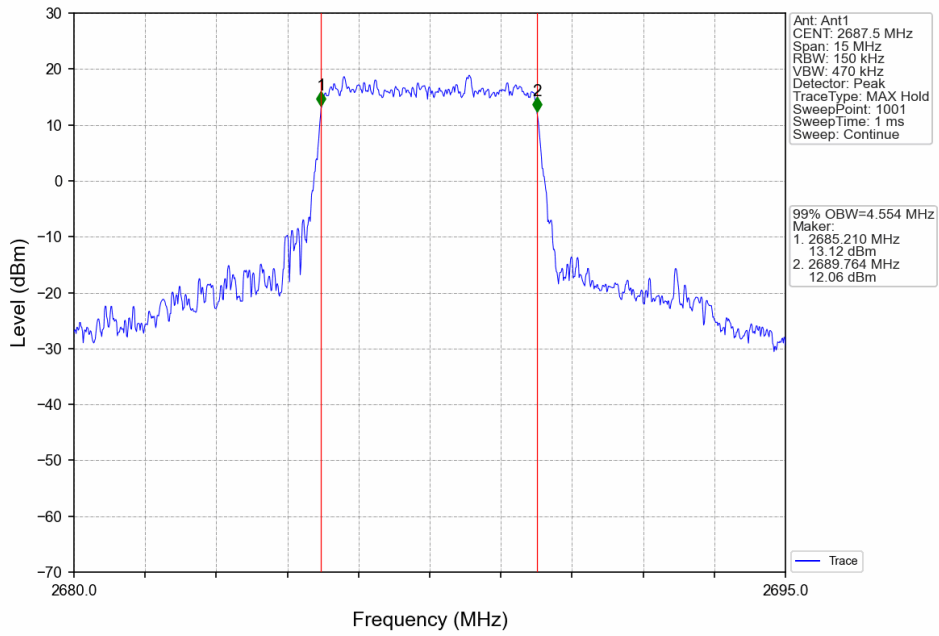
4.1.1 Test Result

Band: 41 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	4.557	Pass
		2593	25	0	4.544	Pass
		2687.5	25	0	4.554	Pass
	16QAM	2498.5	25	0	4.552	Pass
		2593	25	0	4.532	Pass
		2687.5	25	0	4.552	Pass
10	QPSK	2501	50	0	9.057	Pass
		2593	50	0	9.096	Pass
		2685	50	0	9.097	Pass
	16QAM	2501	50	0	9.040	Pass
		2593	50	0	9.068	Pass
		2685	50	0	9.066	Pass
15	QPSK	2503.5	75	0	13.599	Pass
		2593	75	0	13.581	Pass
		2682.5	75	0	13.576	Pass
	16QAM	2503.5	75	0	13.615	Pass
		2593	75	0	13.608	Pass
		2682.5	75	0	13.670	Pass
20	QPSK	2506	100	0	18.089	Pass
		2593	100	0	18.067	Pass
		2680	100	0	18.134	Pass
	16QAM	2506	100	0	18.060	Pass
		2593	100	0	18.128	Pass
		2680	100	0	18.131	Pass

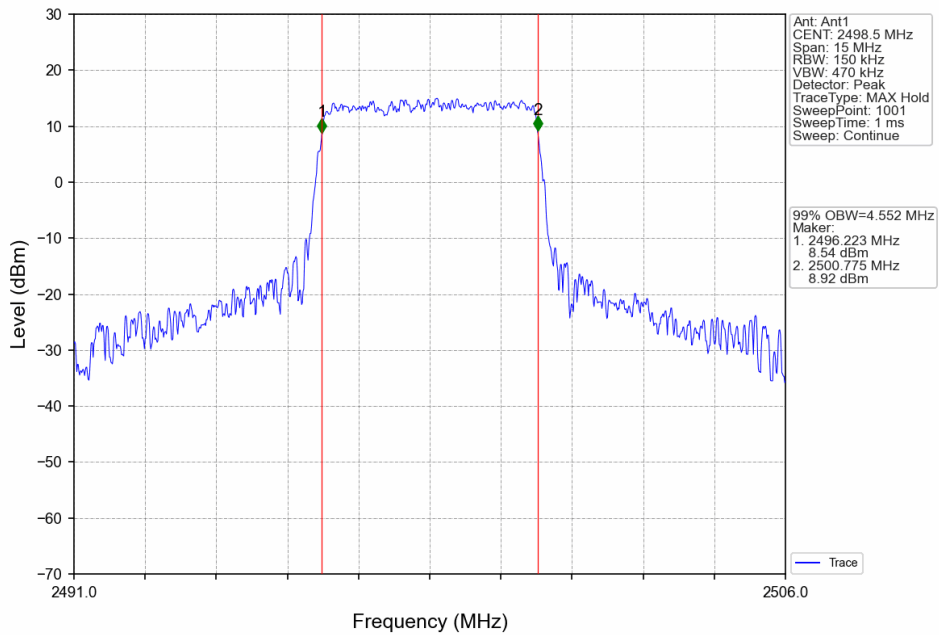
4.1.2 Test Graph



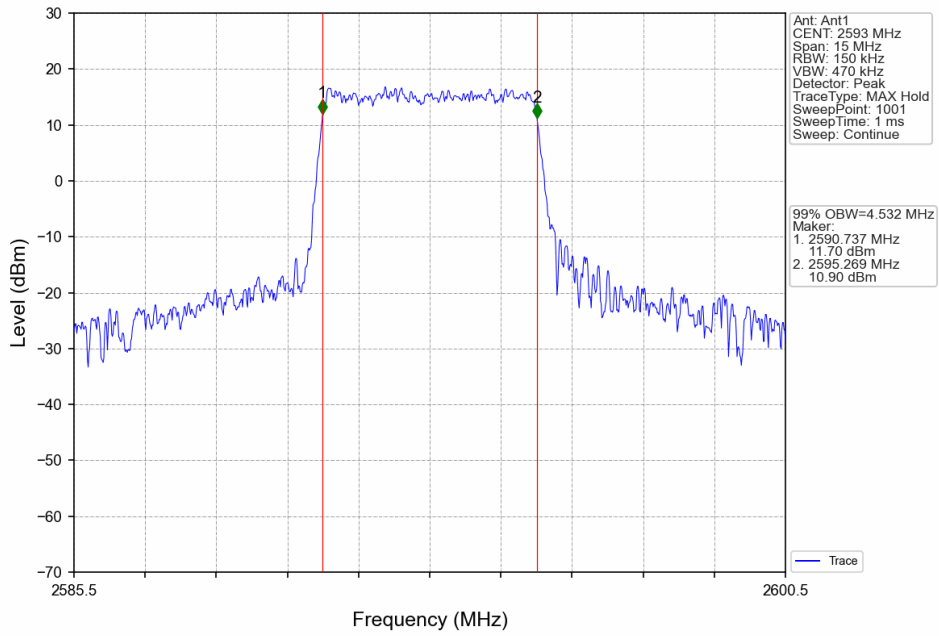
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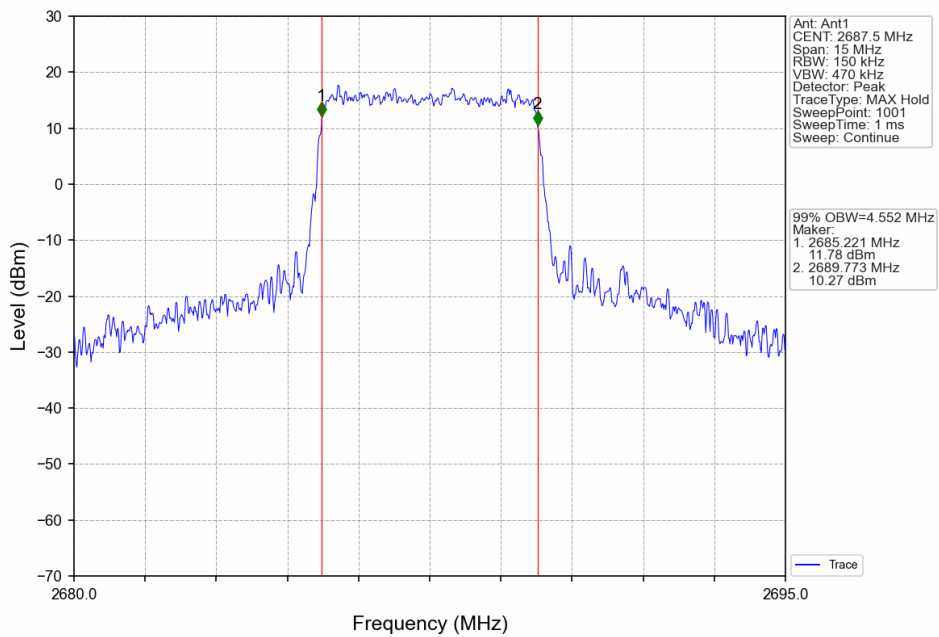
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



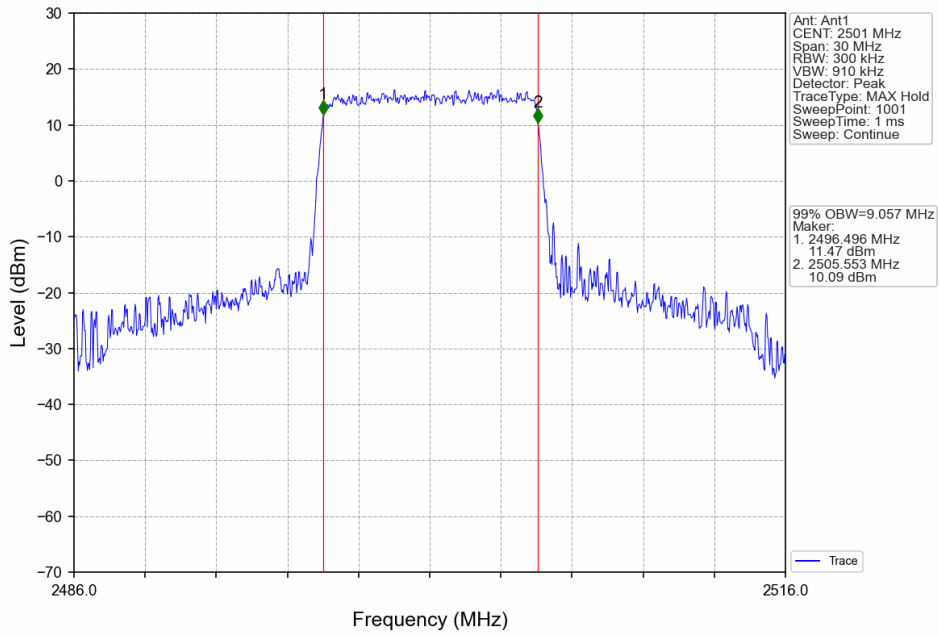
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



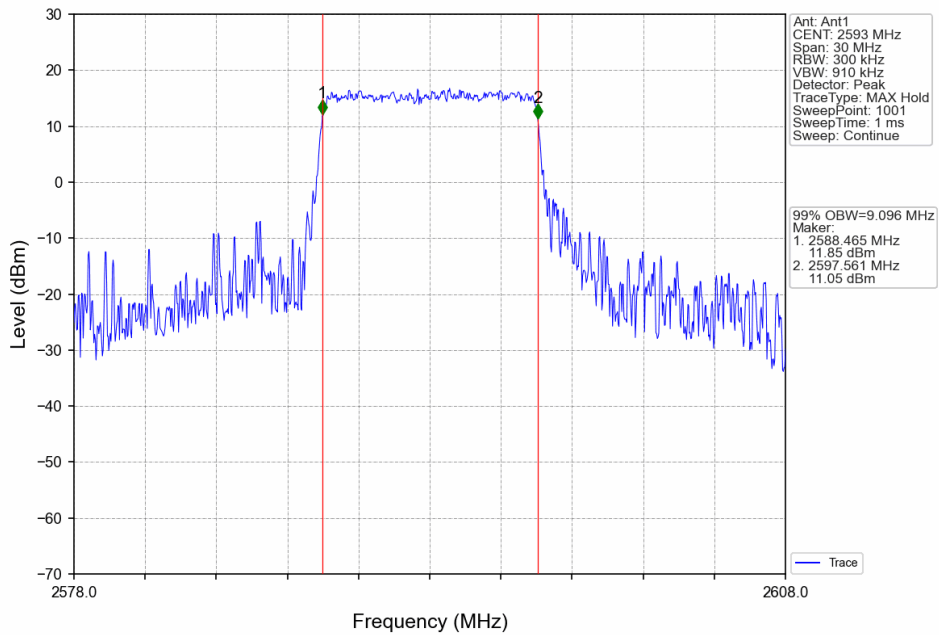
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



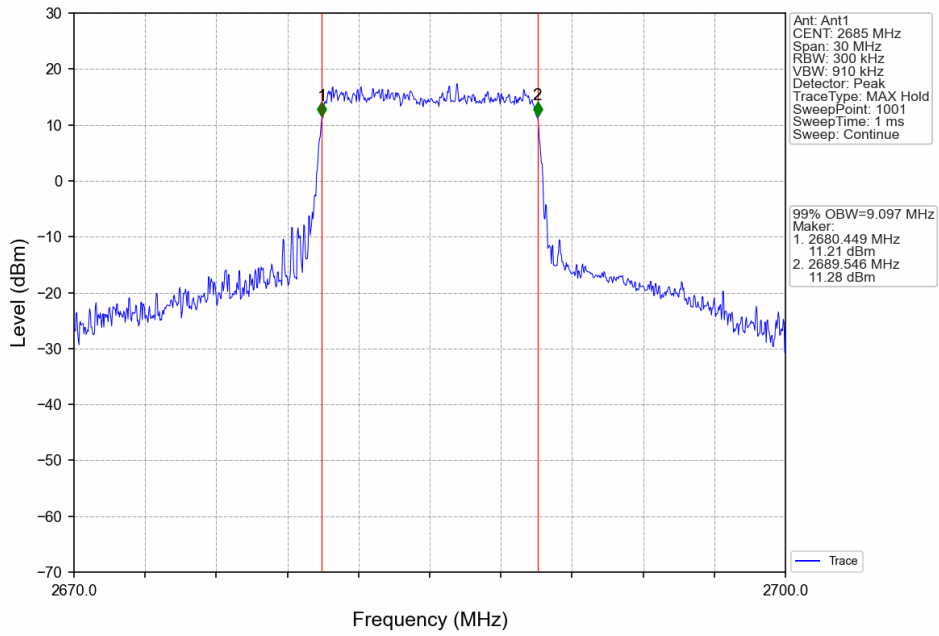
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



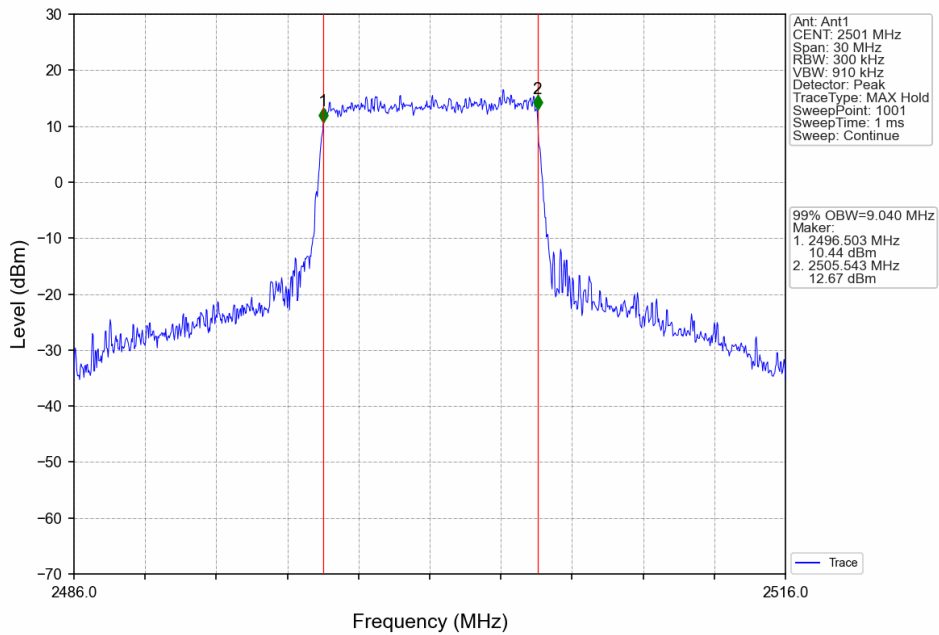
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



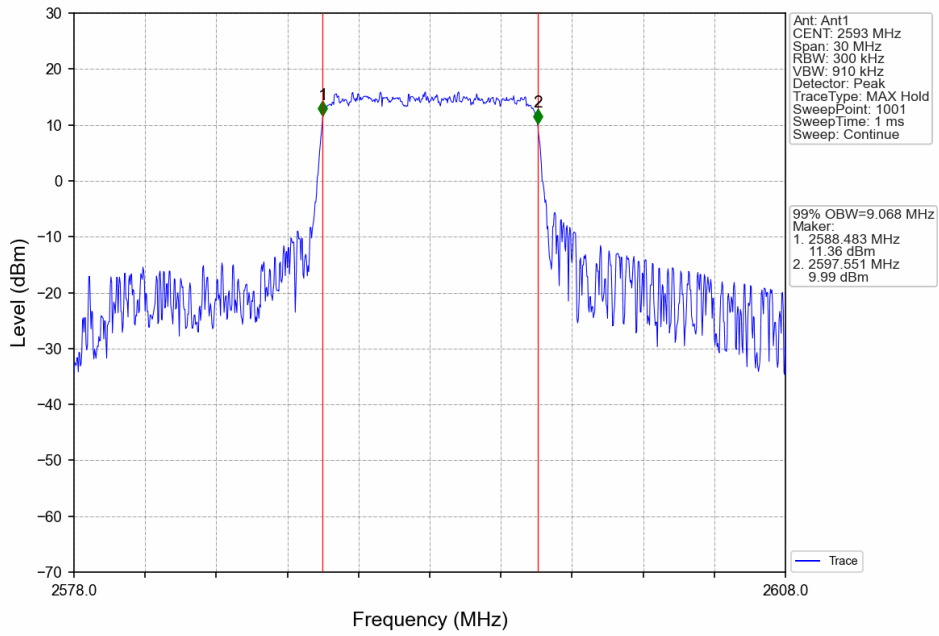
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



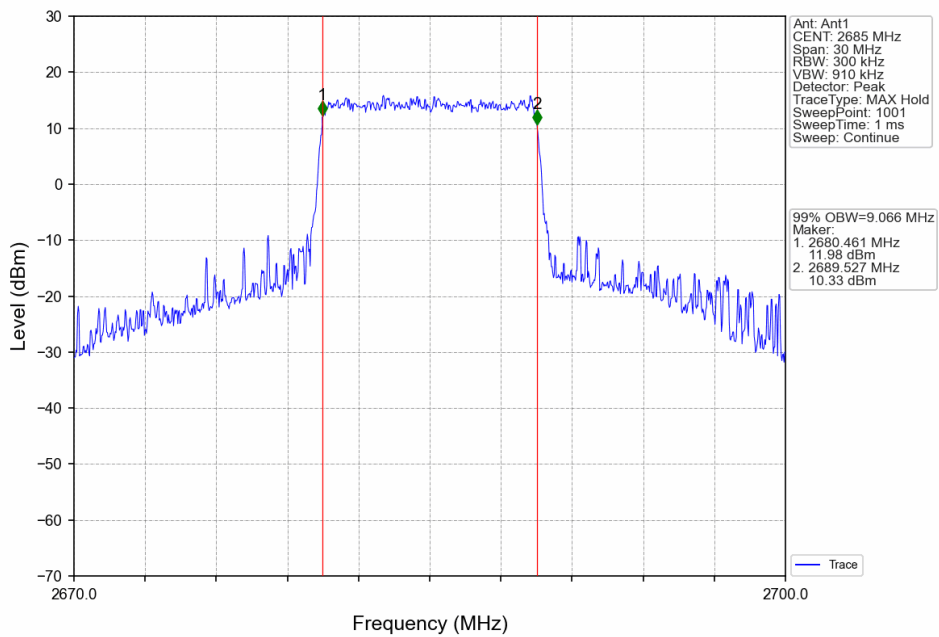
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



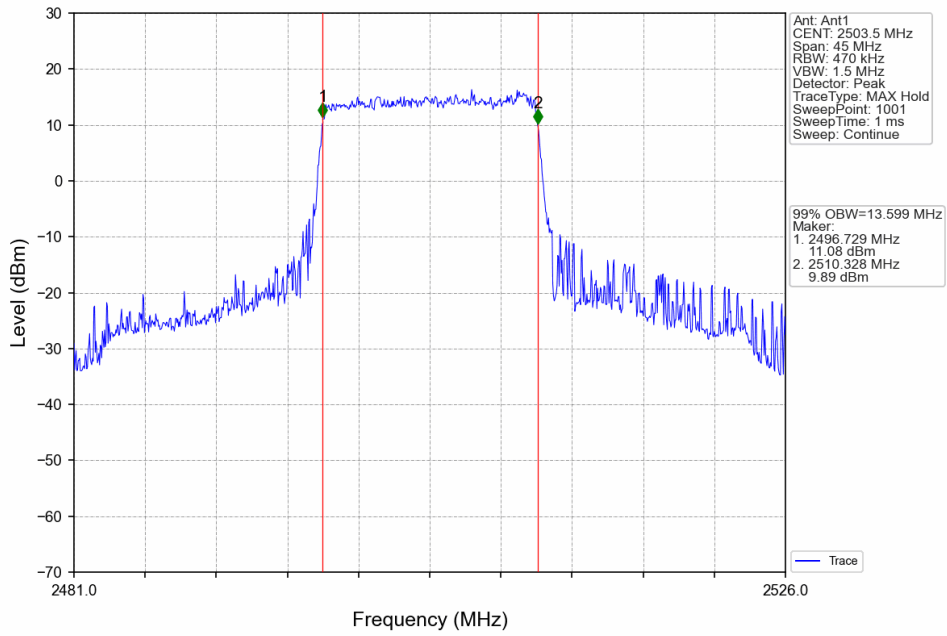
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



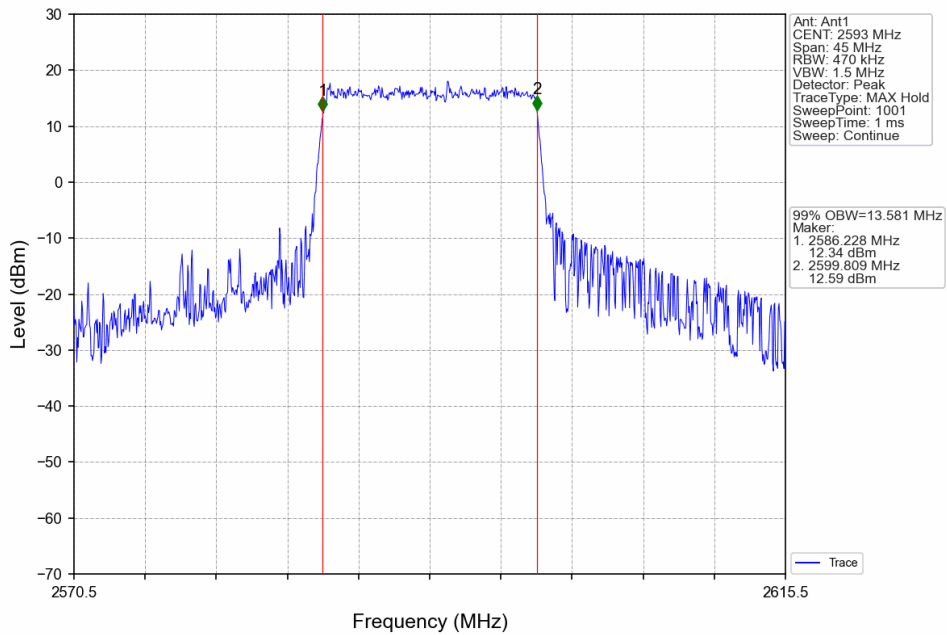
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



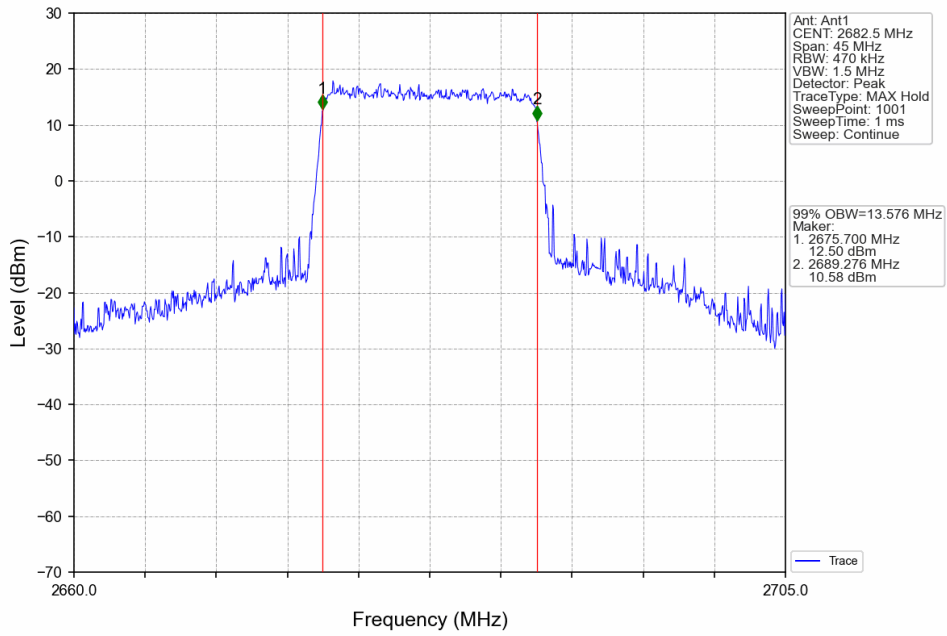
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



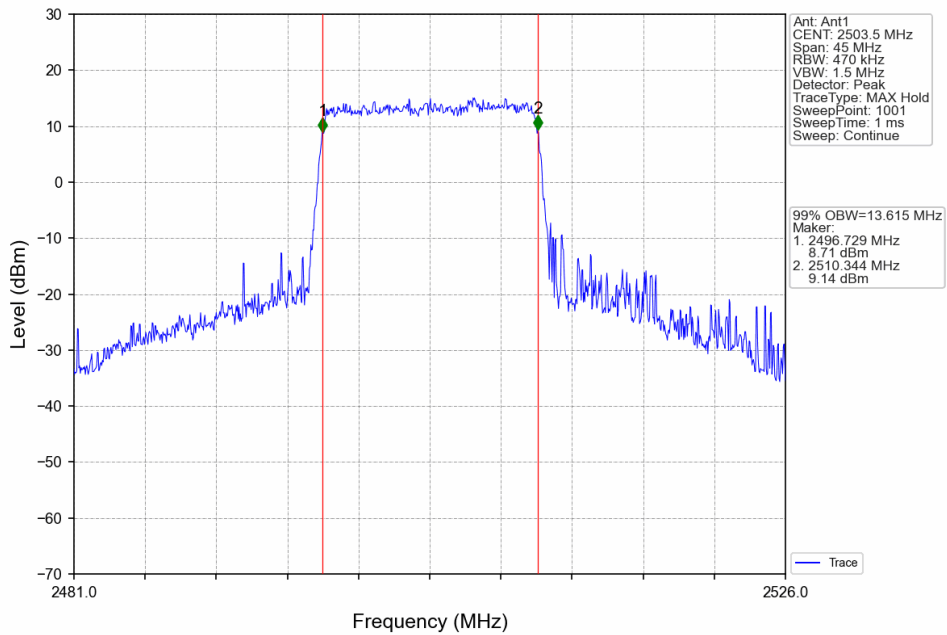
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



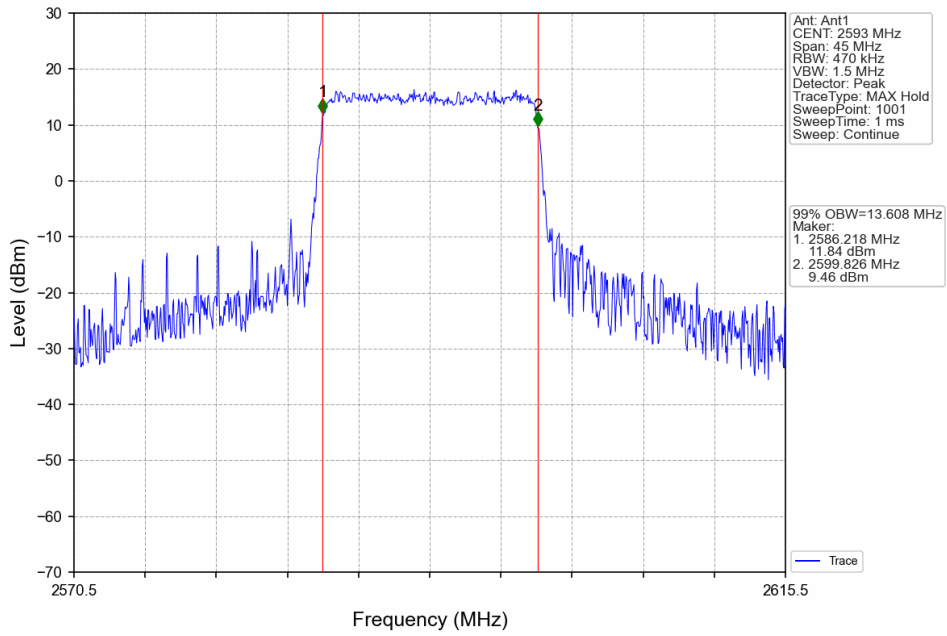
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



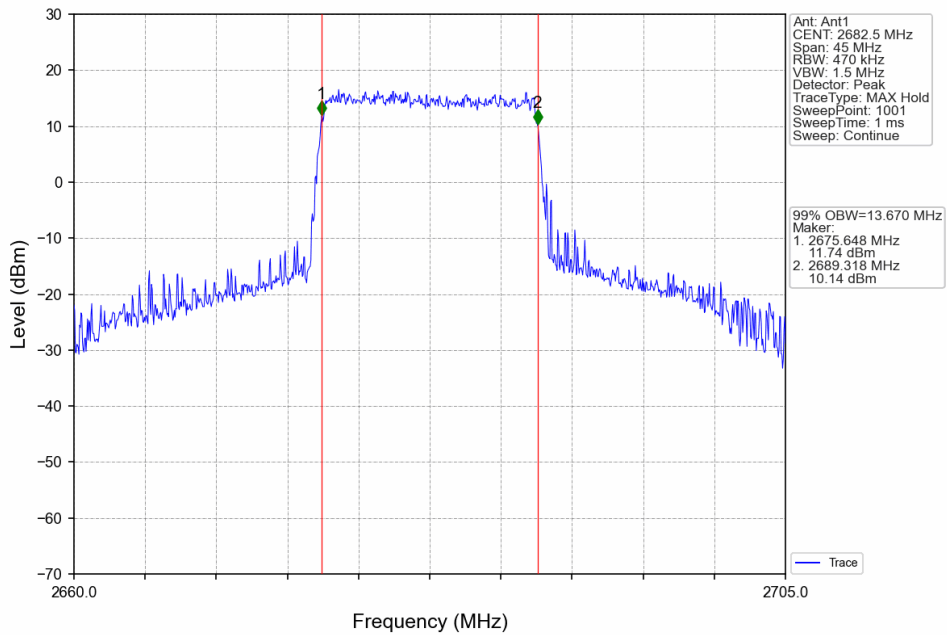
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



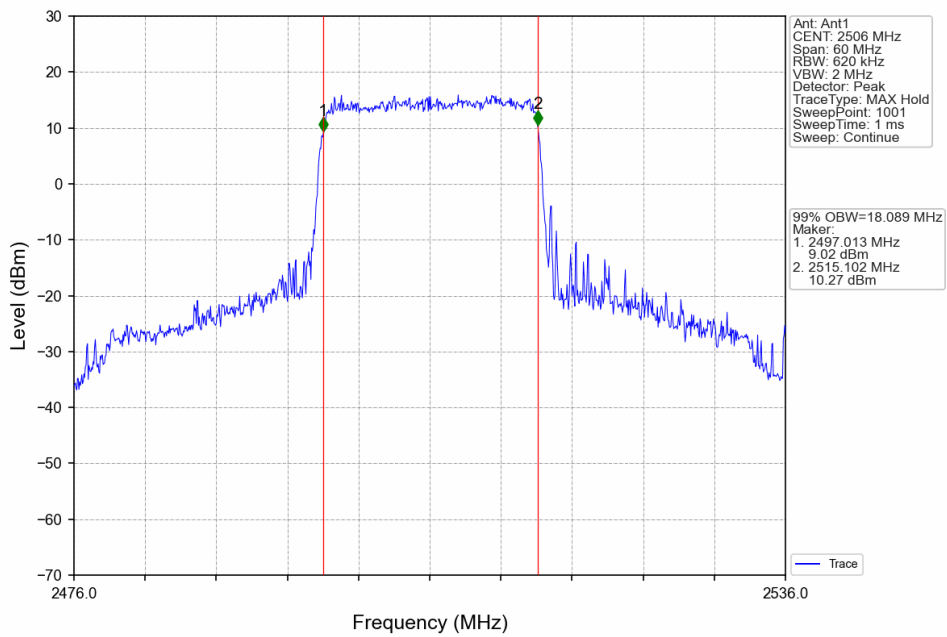
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



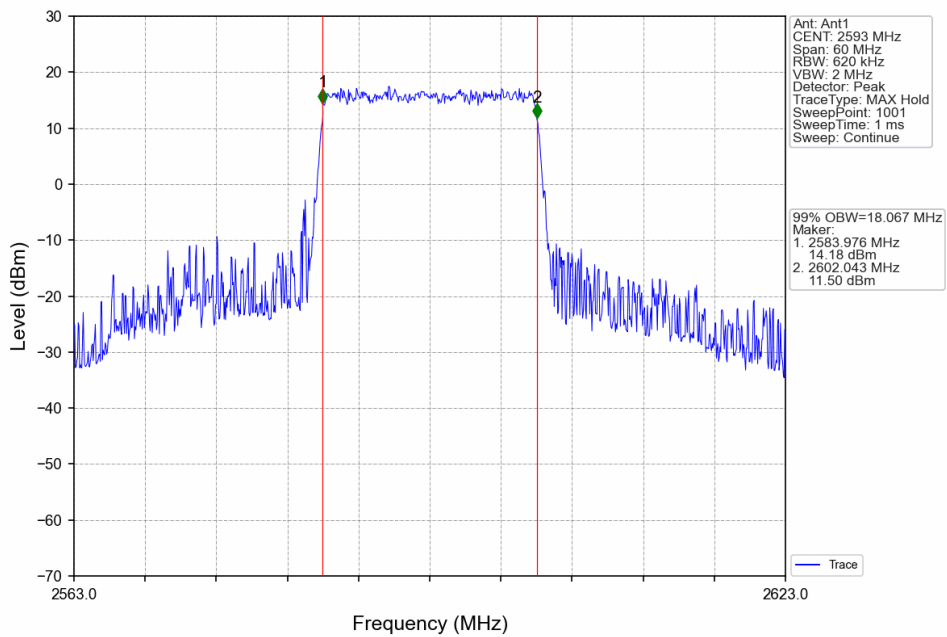
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



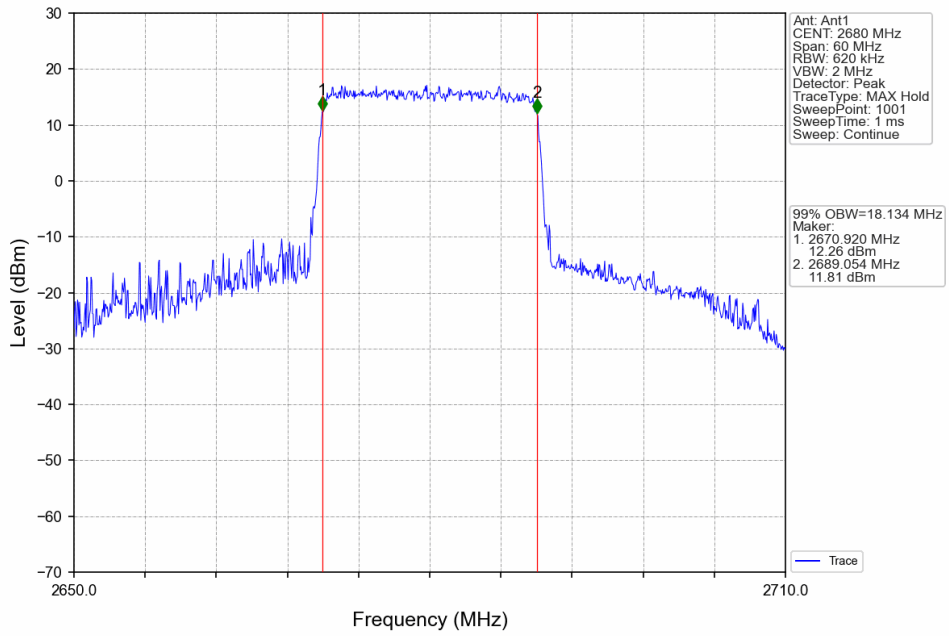
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



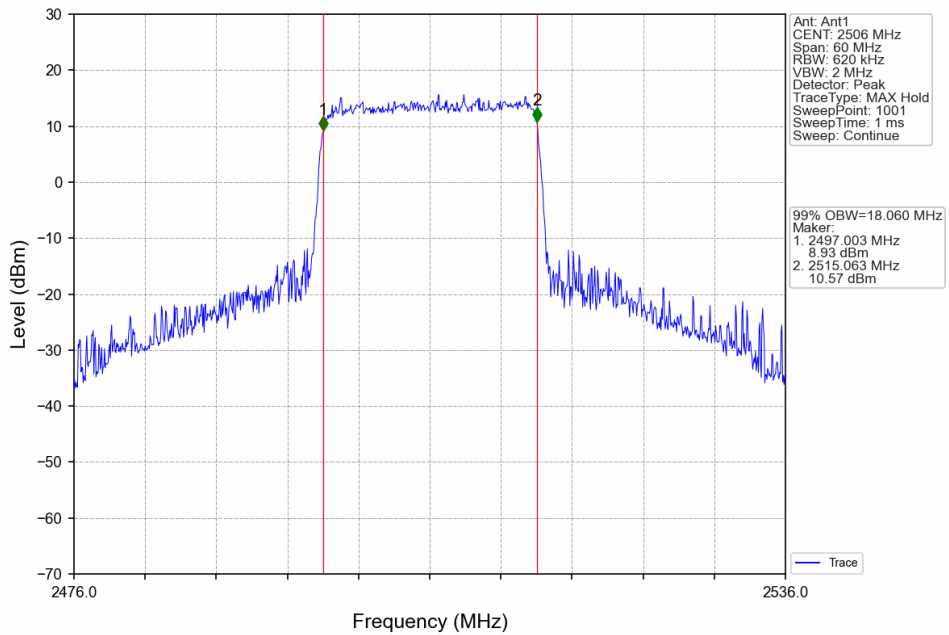
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



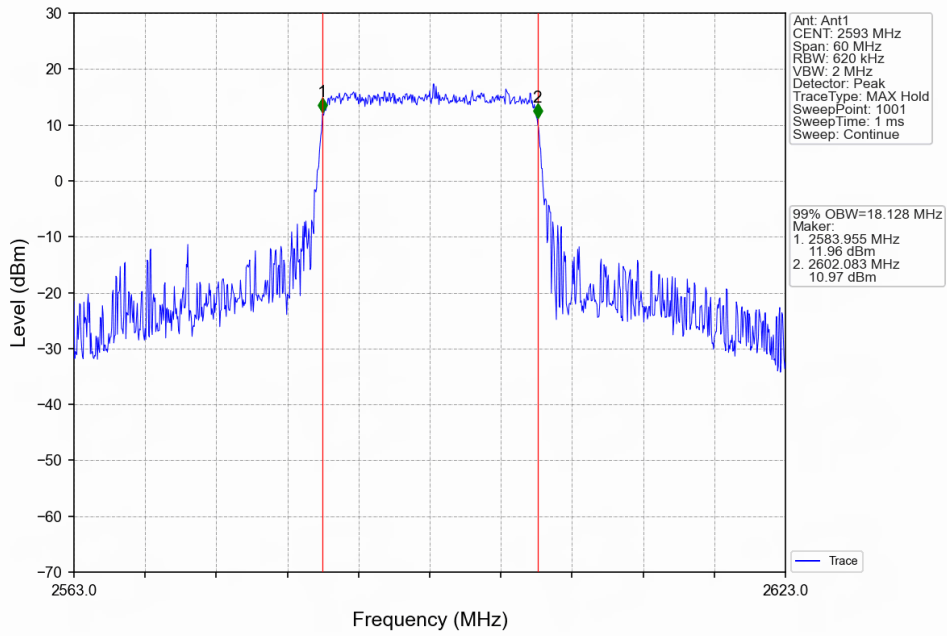
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



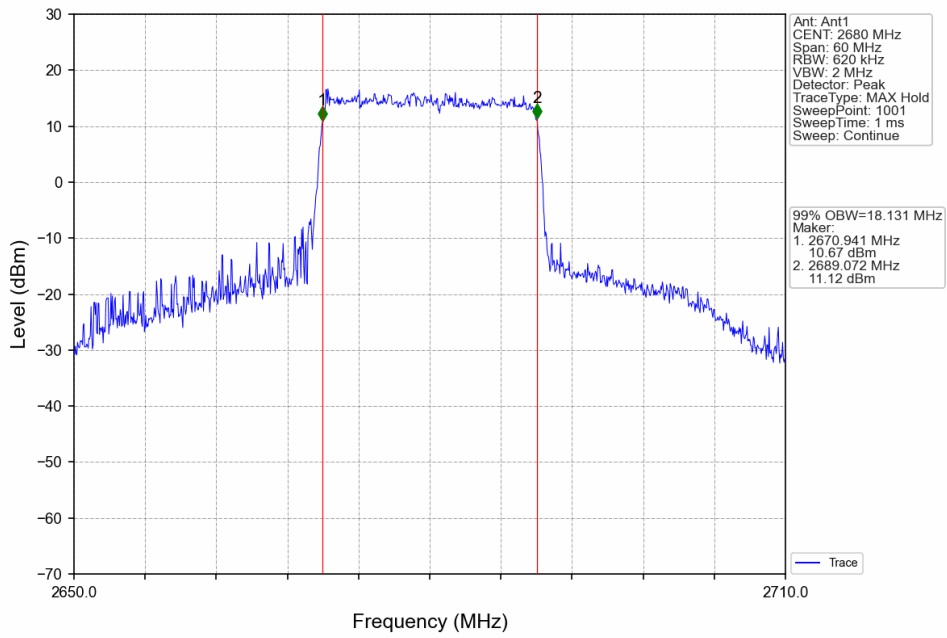
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV

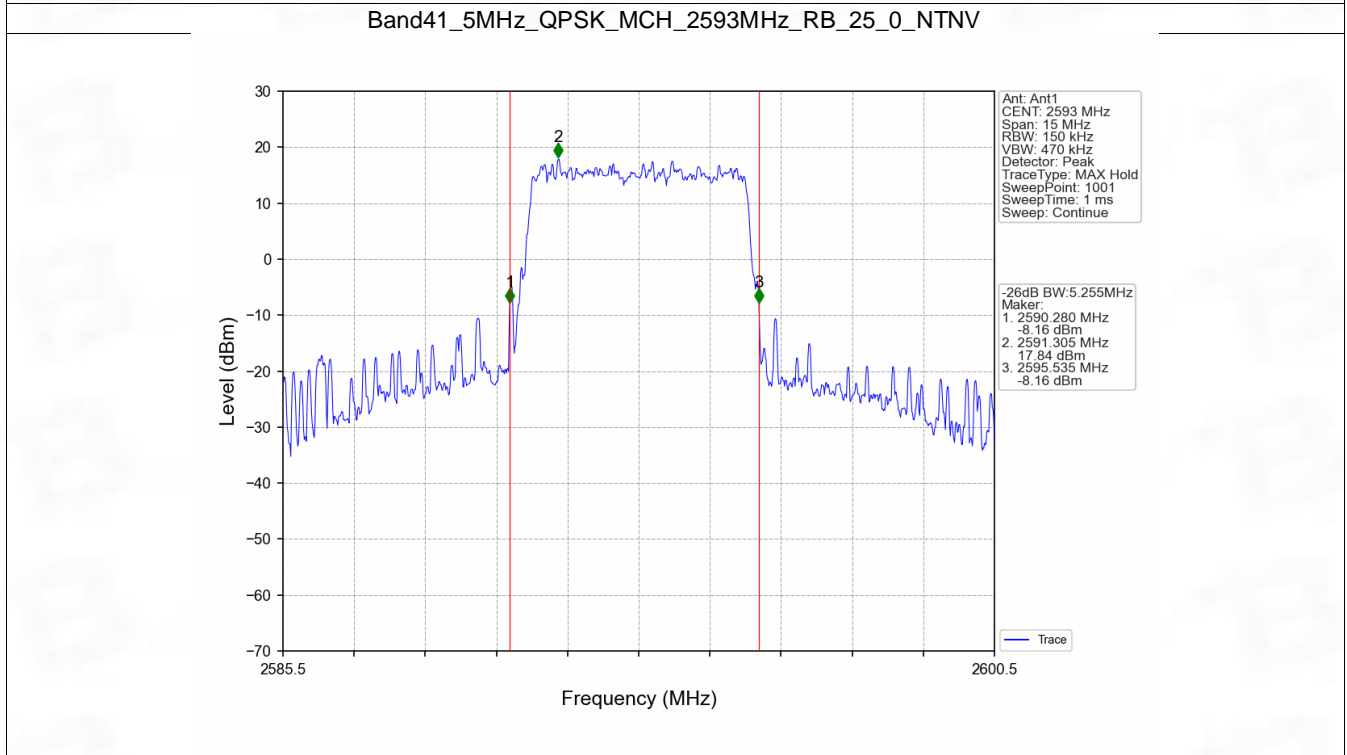
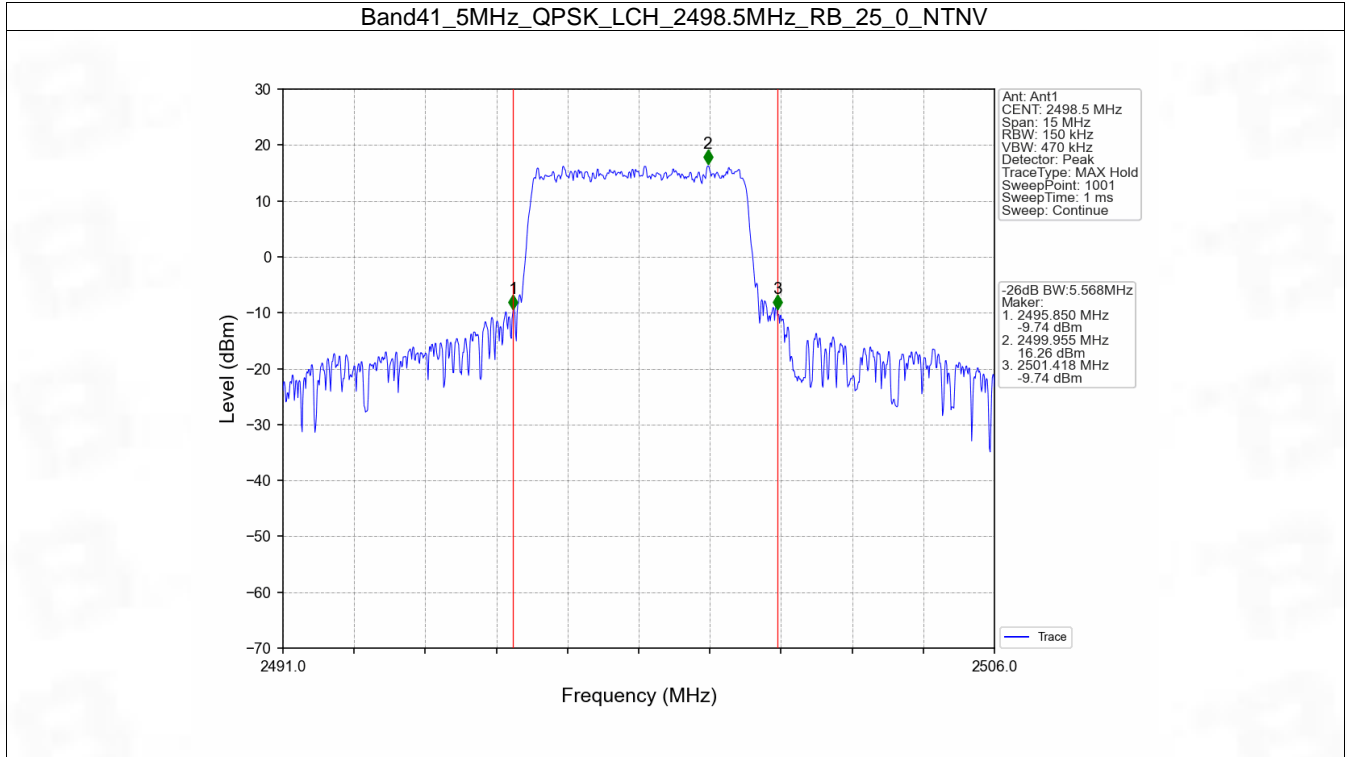


4.2 Band41_XDB

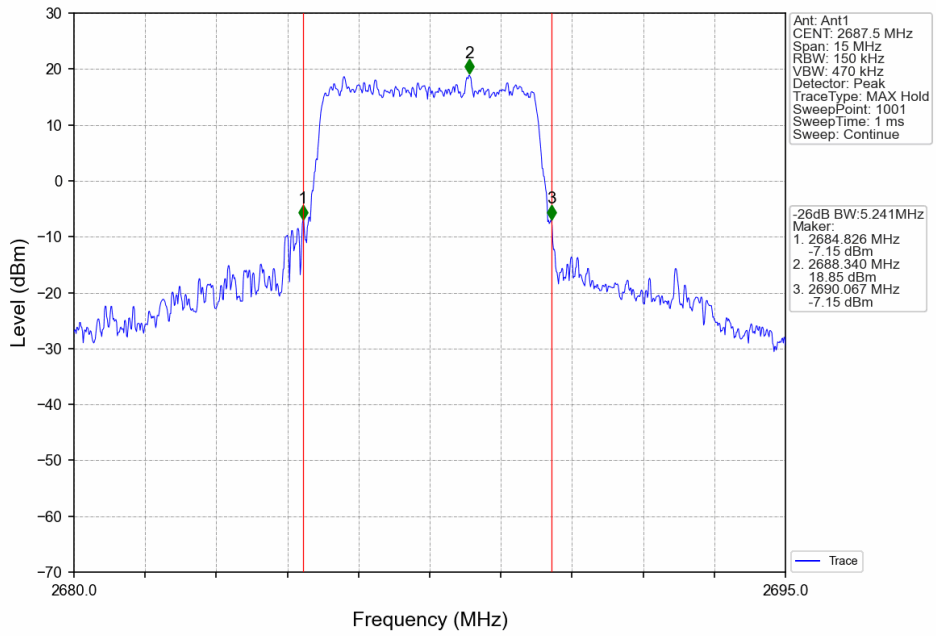
4.2.1 Test Result

Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	5.568	Pass
		2593	25	0	5.255	Pass
		2687.5	25	0	5.241	Pass
	16QAM	2498.5	25	0	5.153	Pass
		2593	25	0	5.127	Pass
		2687.5	25	0	5.047	Pass
10	QPSK	2501	50	0	10.142	Pass
		2593	50	0	15.874	Pass
		2685	50	0	10.782	Pass
	16QAM	2501	50	0	9.867	Pass
		2593	50	0	11.746	Pass
		2685	50	0	13.448	Pass
15	QPSK	2503.5	75	0	16.258	Pass
		2593	75	0	15.854	Pass
		2682.5	75	0	15.308	Pass
	16QAM	2503.5	75	0	15.816	Pass
		2593	75	0	17.008	Pass
		2682.5	75	0	16.696	Pass
20	QPSK	2506	100	0	20.534	Pass
		2593	100	0	20.691	Pass
		2680	100	0	20.182	Pass
	16QAM	2506	100	0	19.522	Pass
		2593	100	0	22.284	Pass
		2680	100	0	20.635	Pass

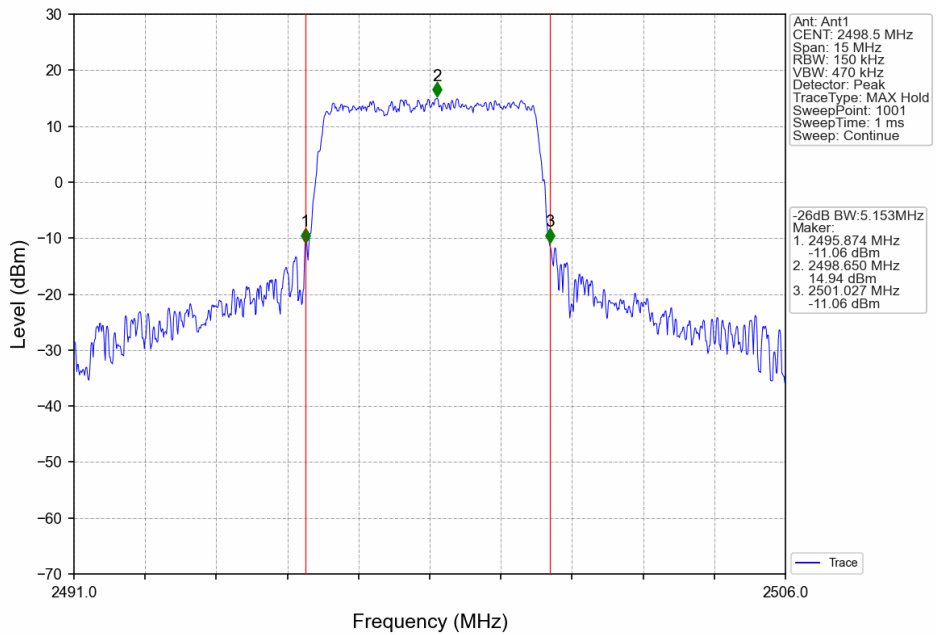
4.2.2 Test Graph



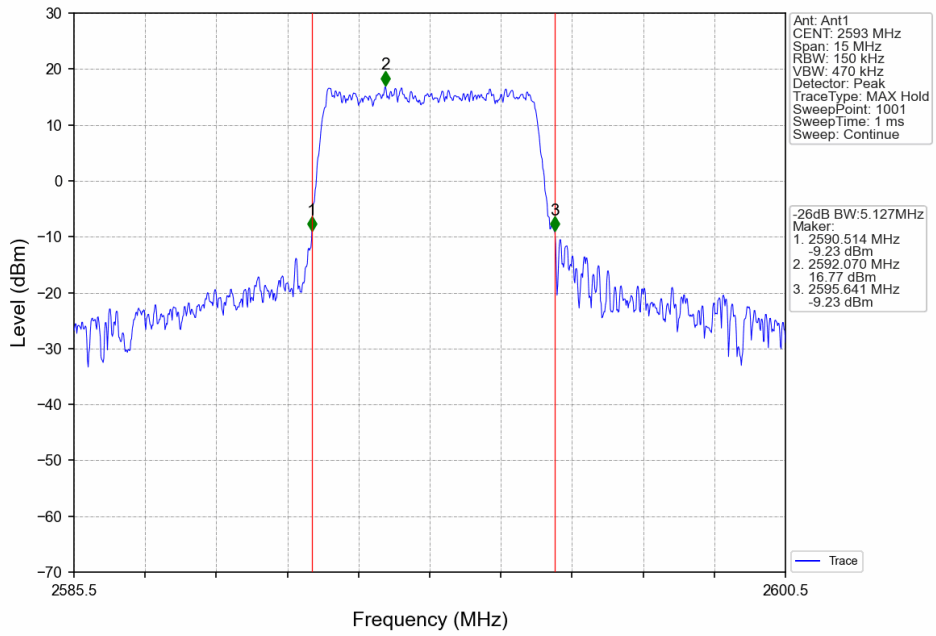
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



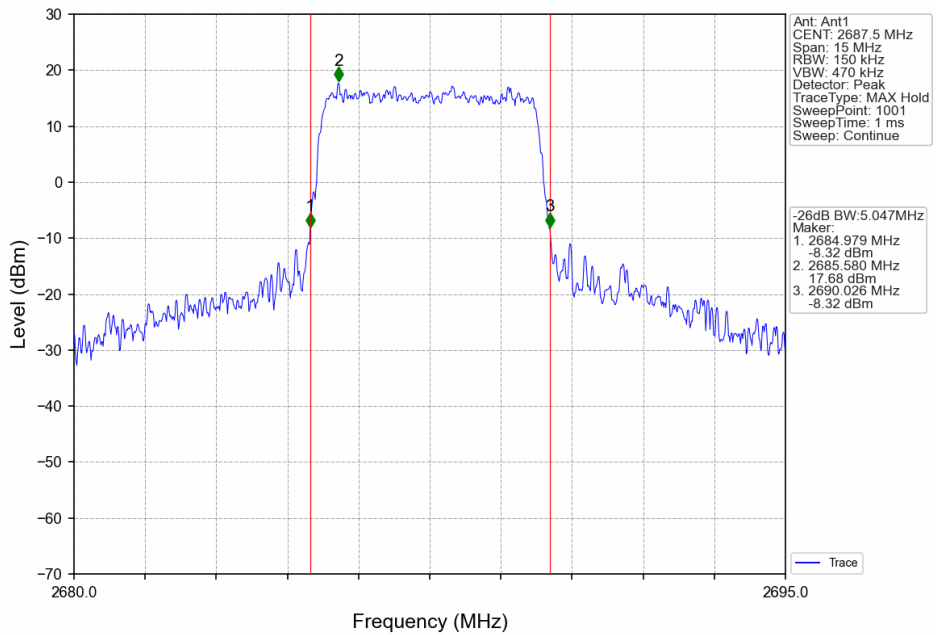
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



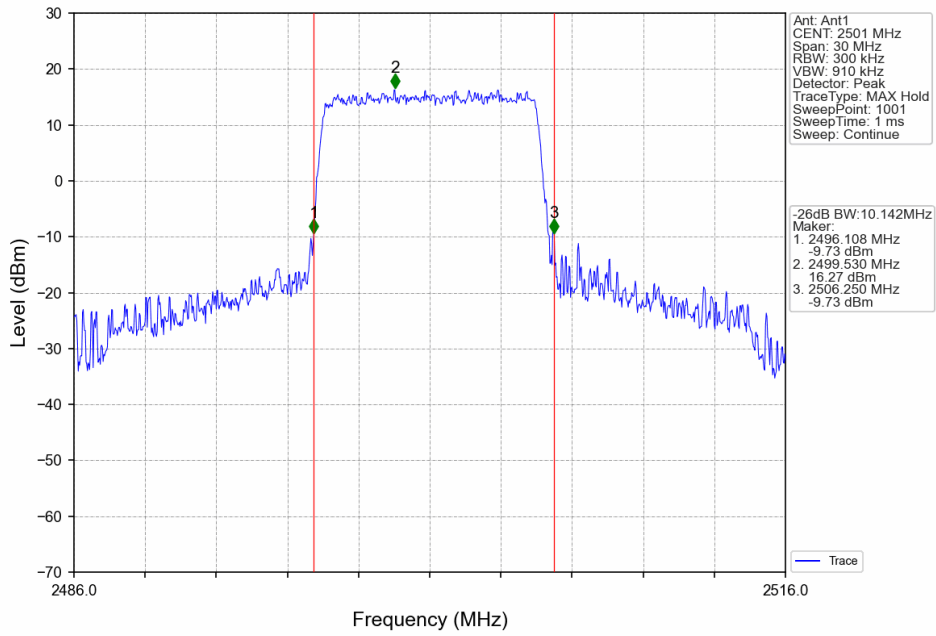
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



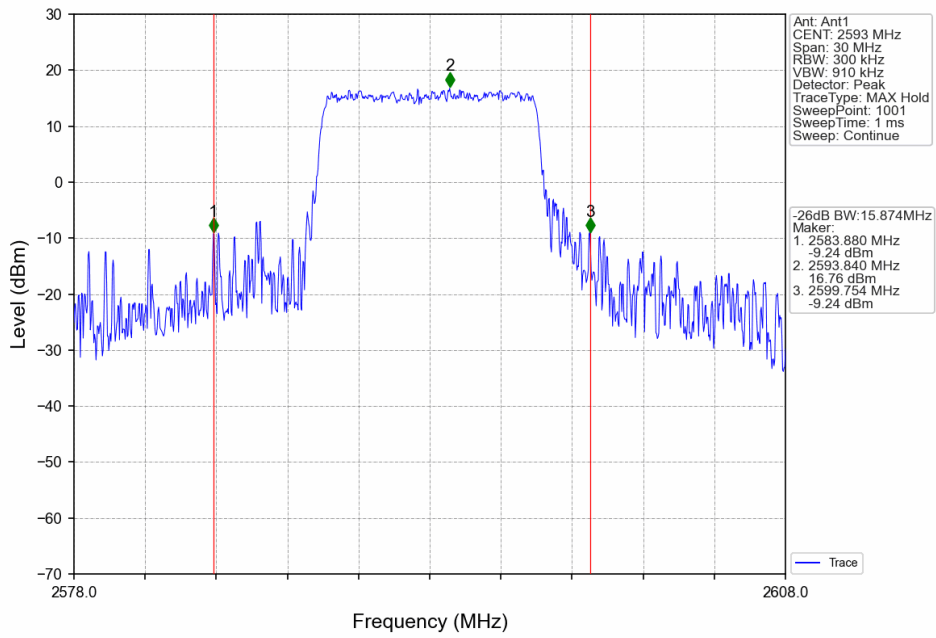
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



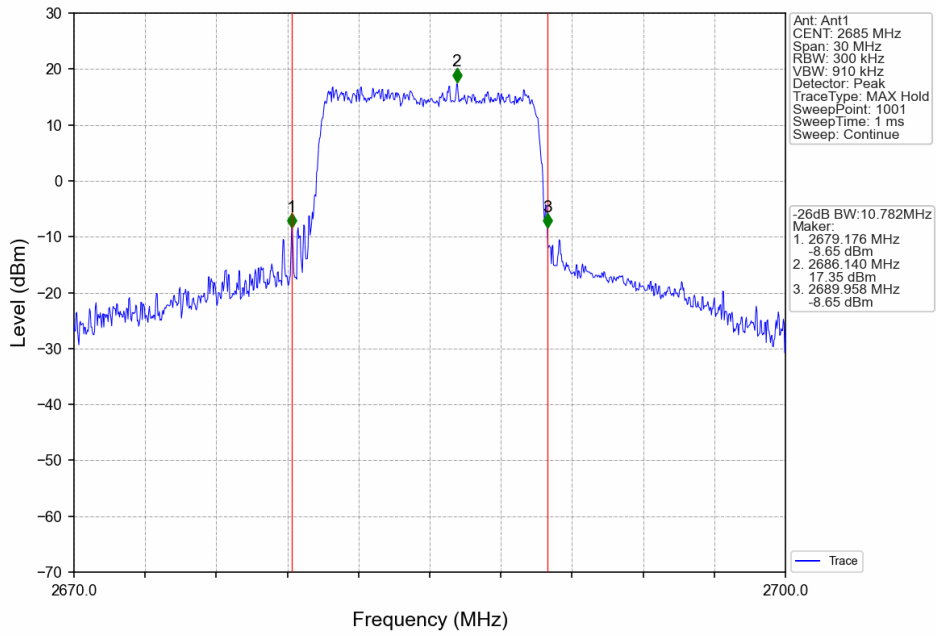
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



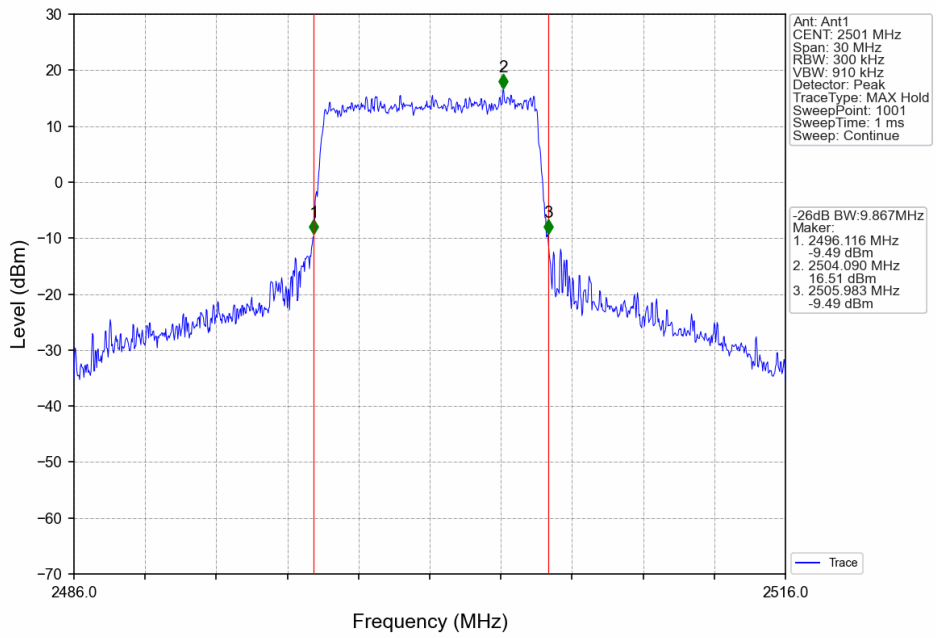
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



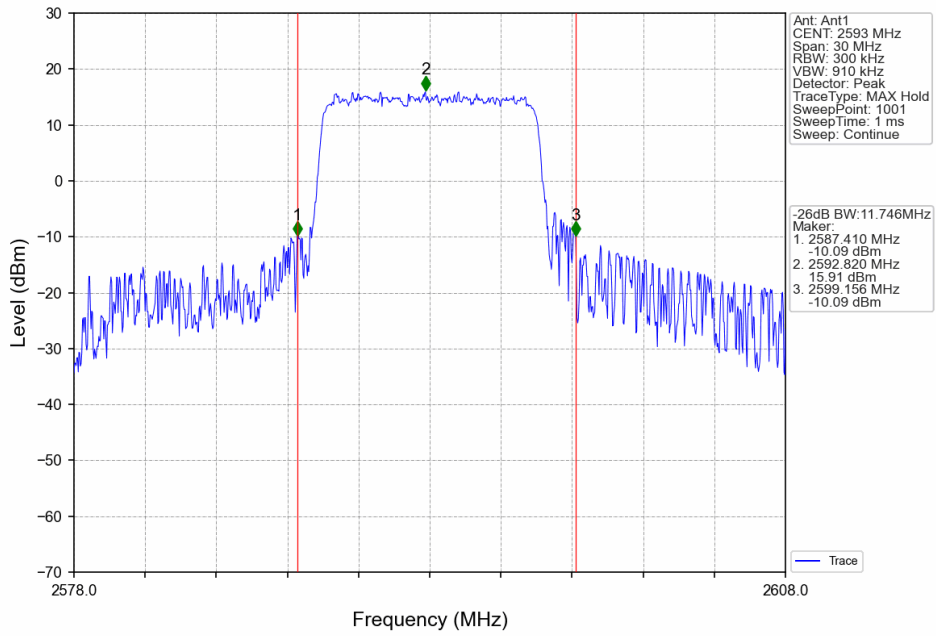
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



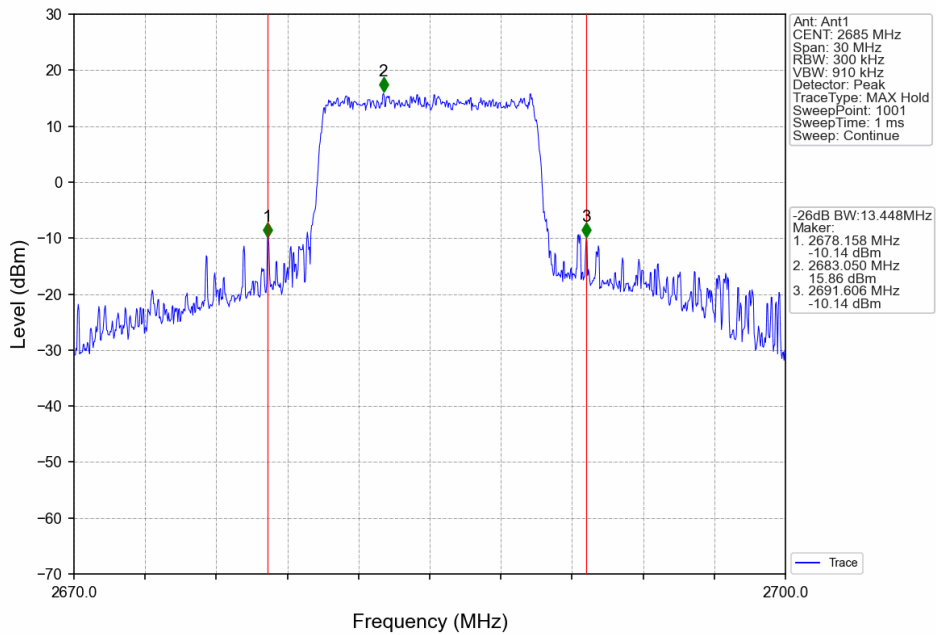
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



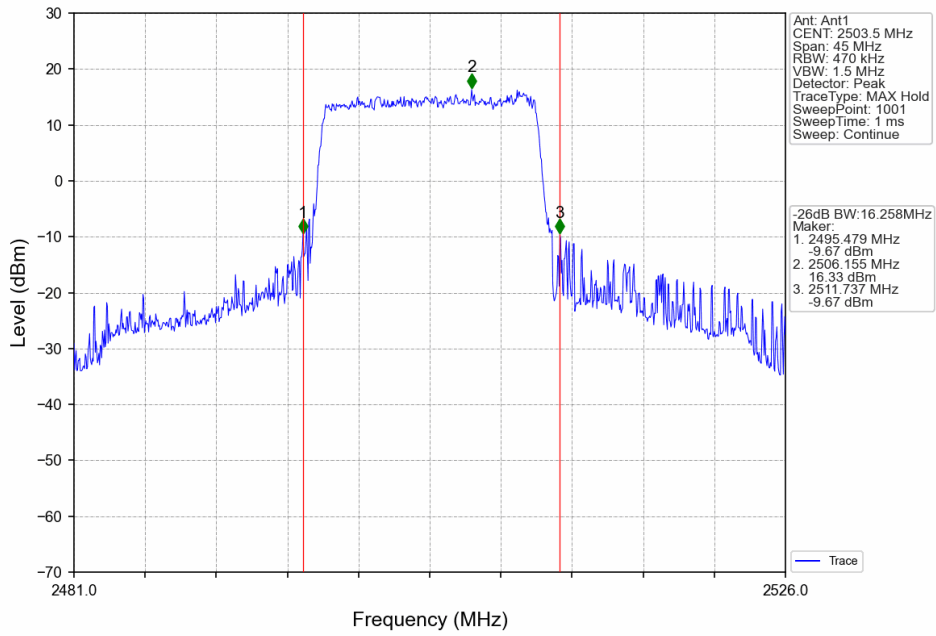
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



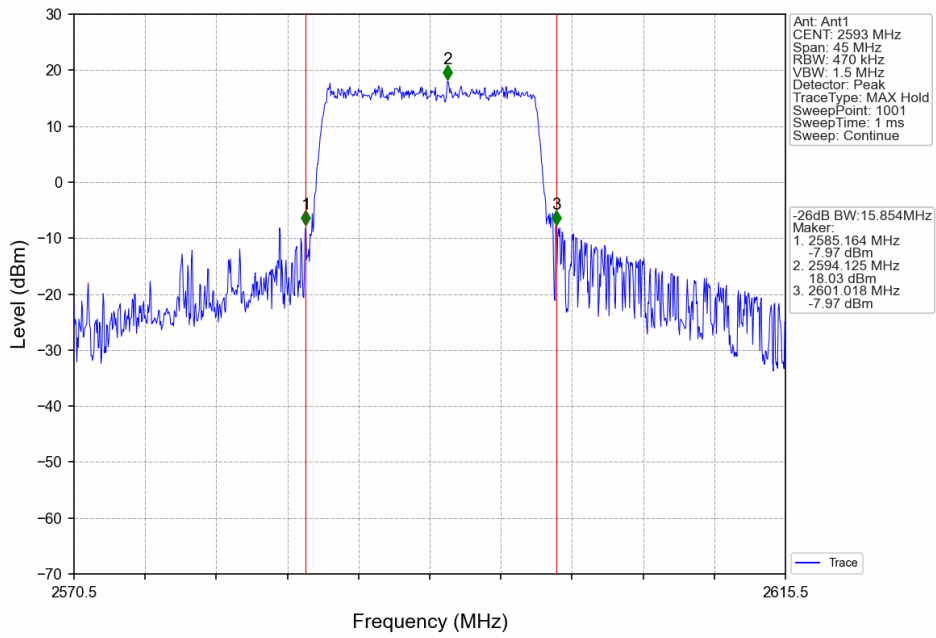
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



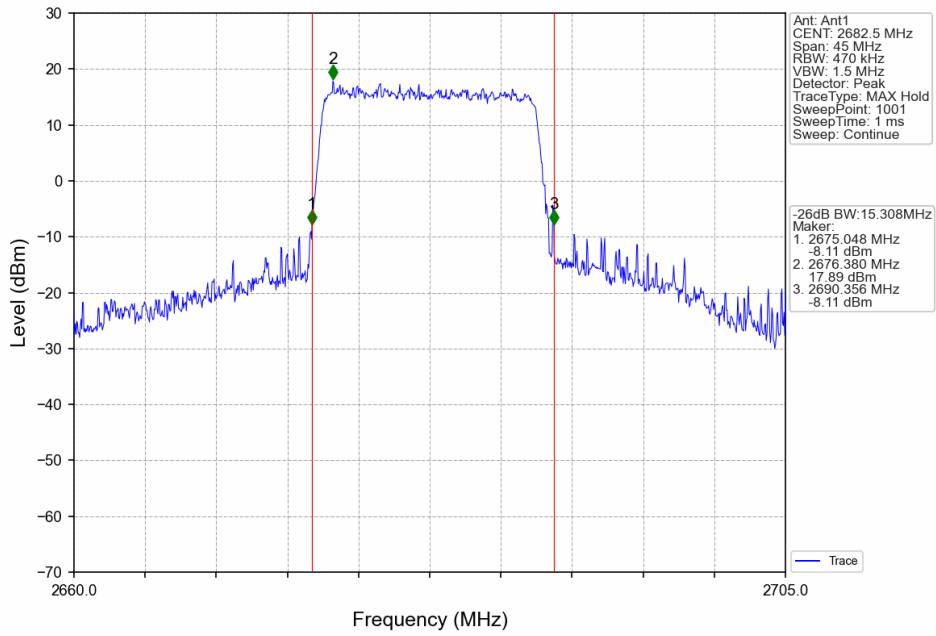
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



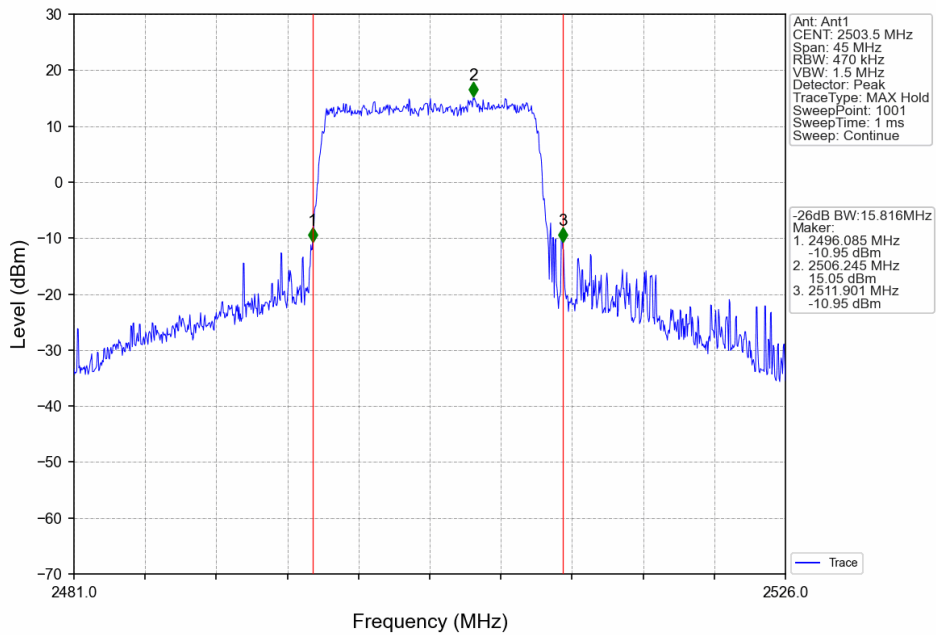
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



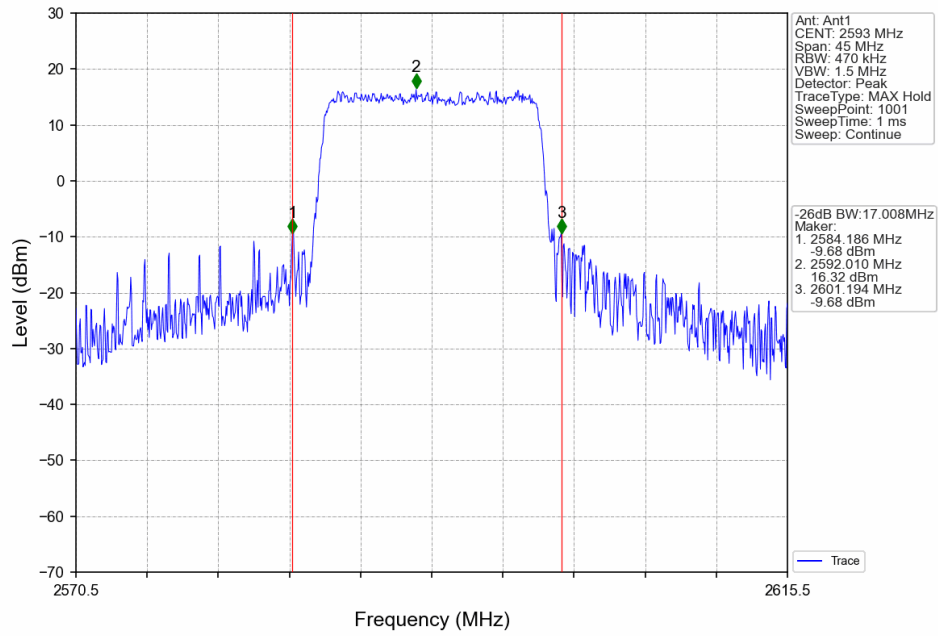
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



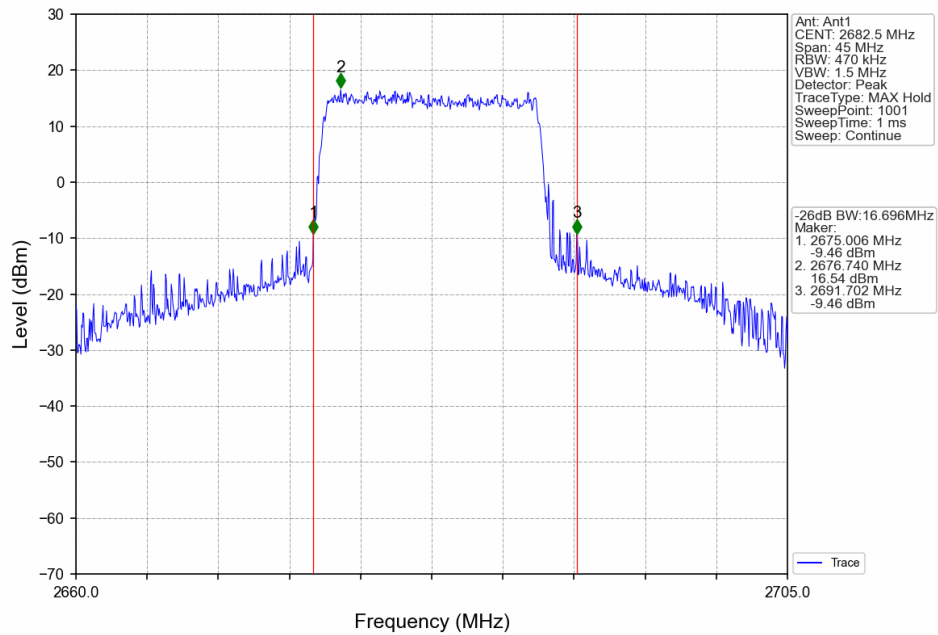
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



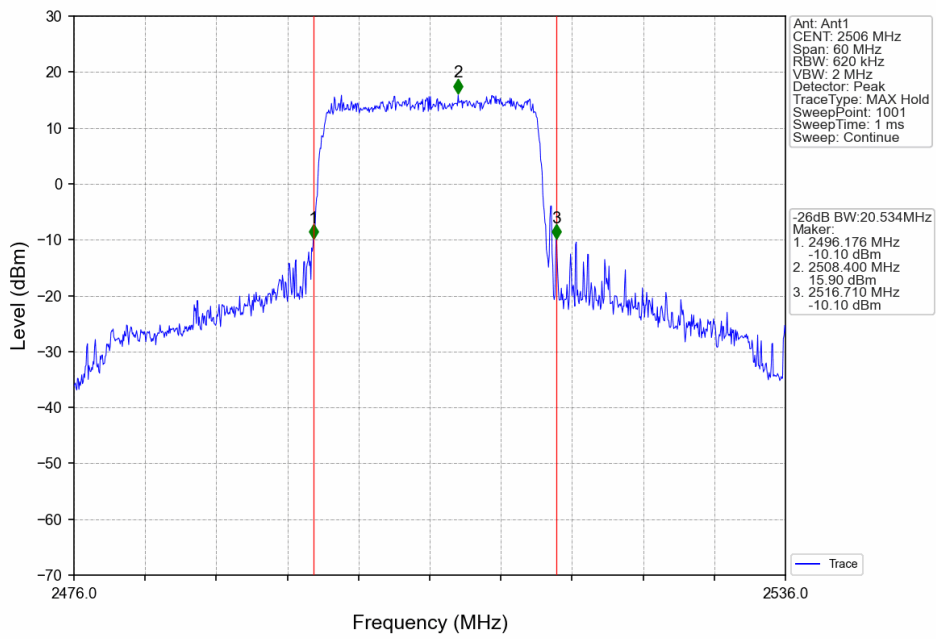
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



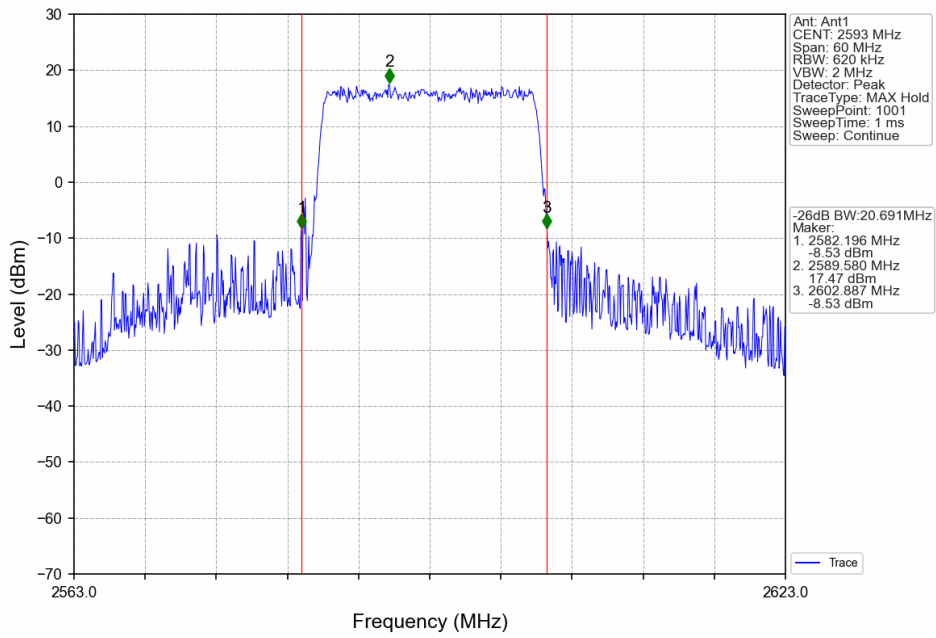
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



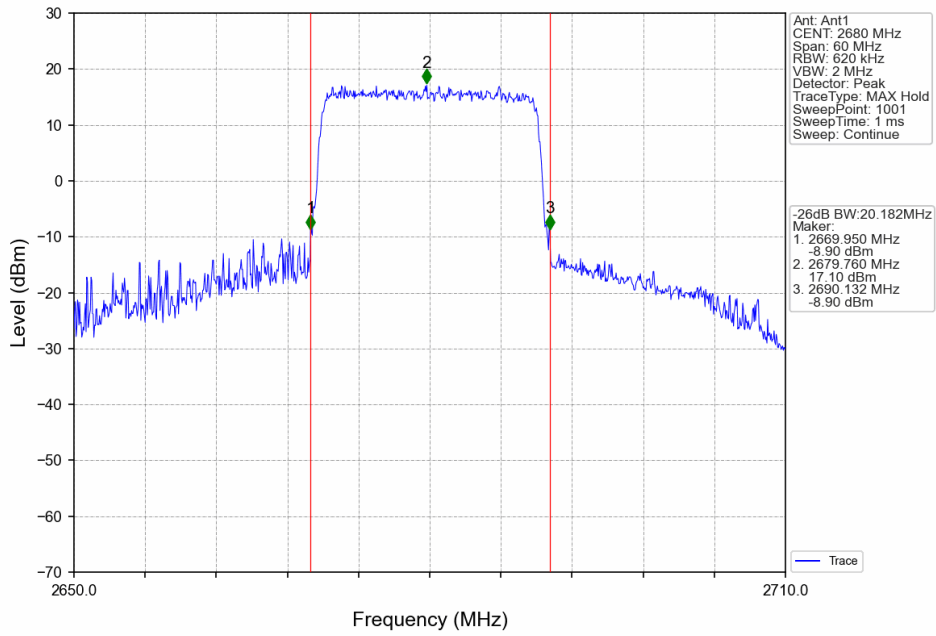
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



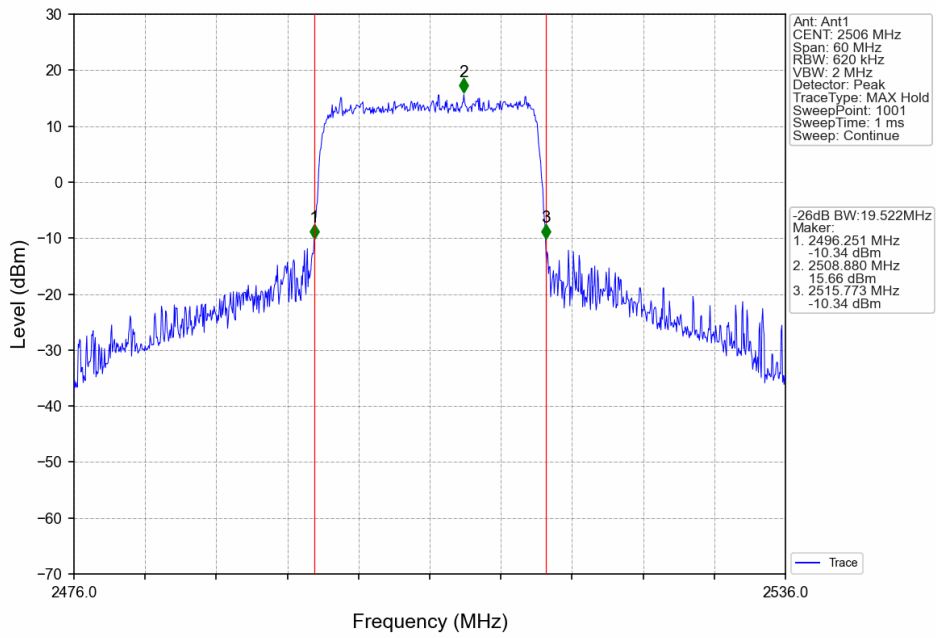
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



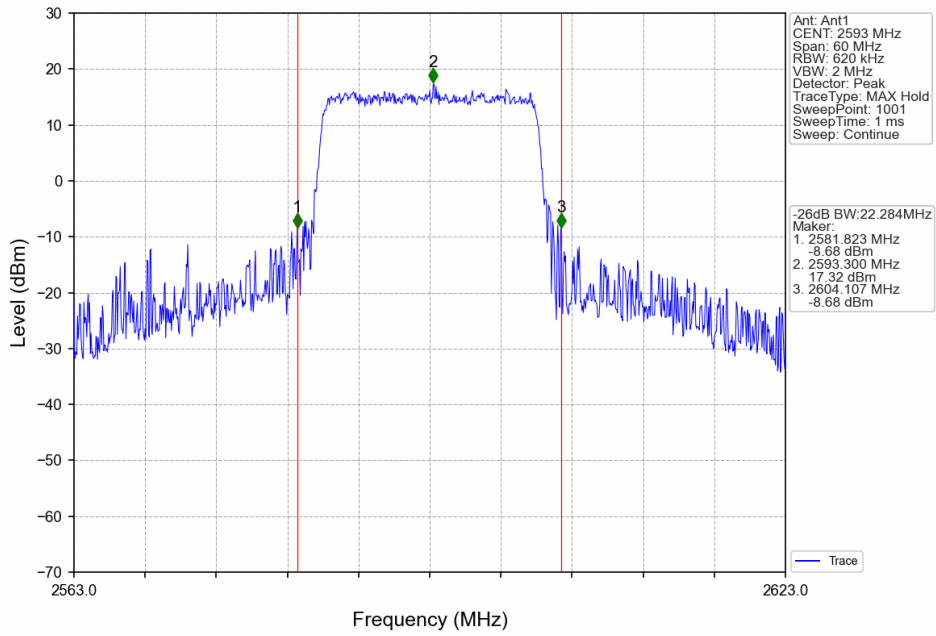
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



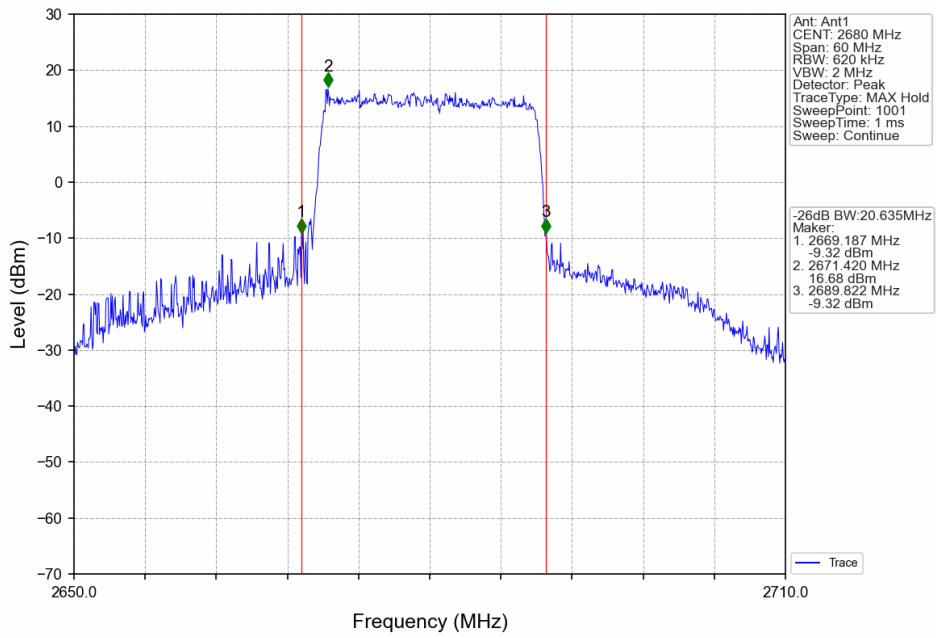
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



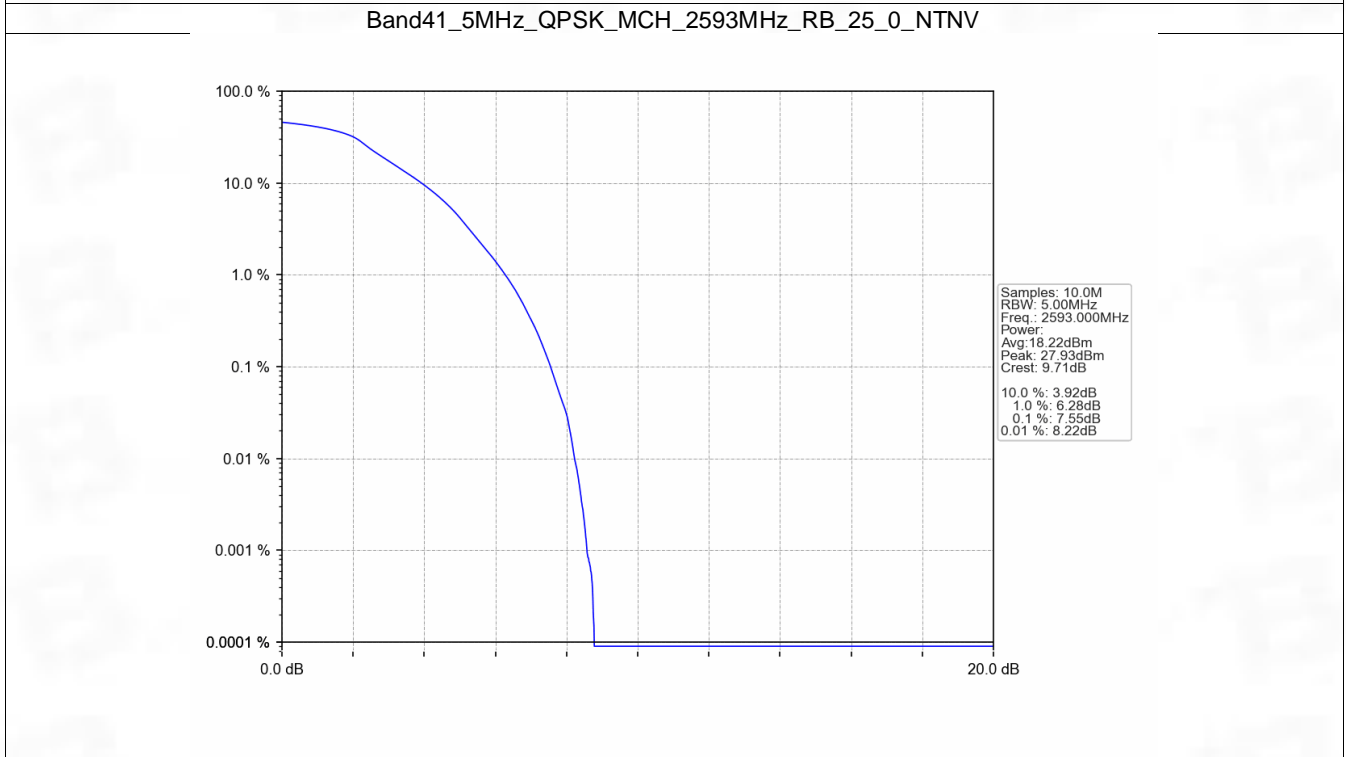
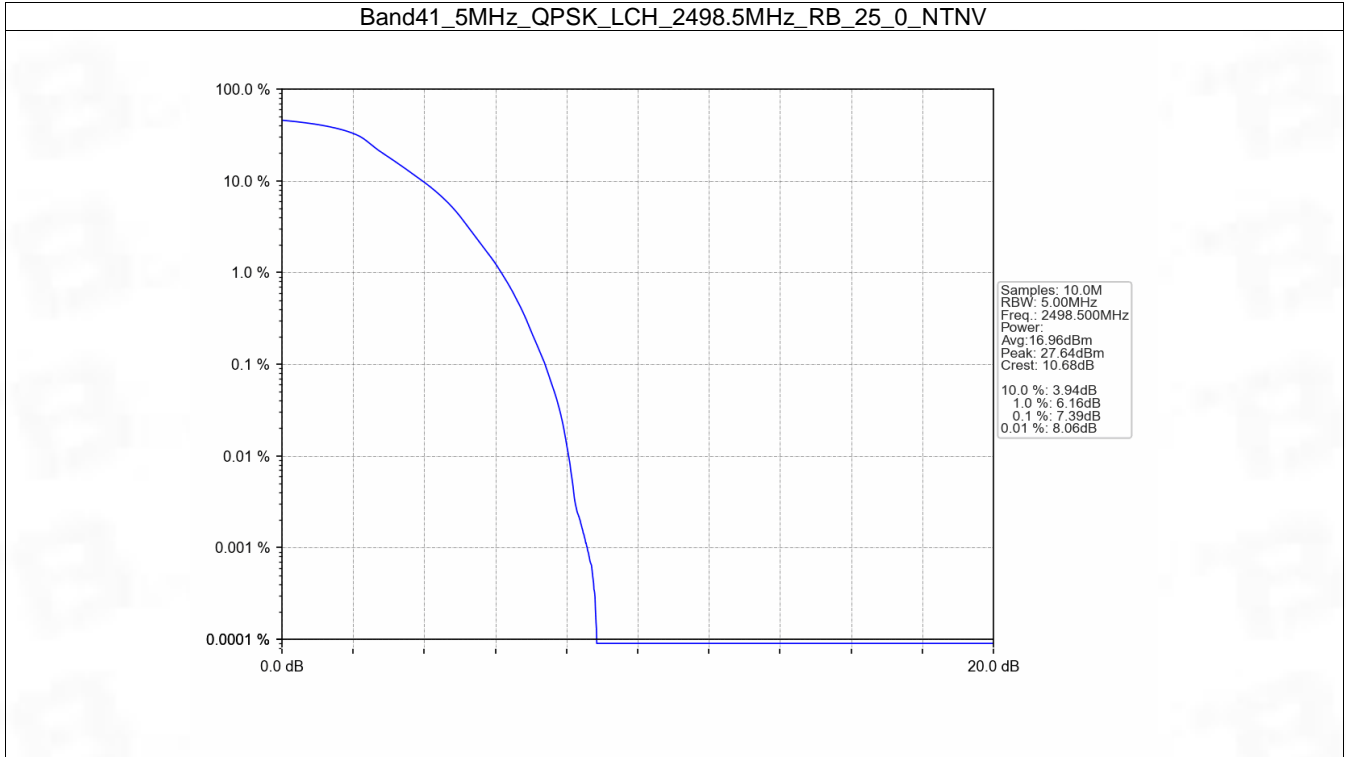
5. Peak-Average Ratio

5.1 B41_5MHz

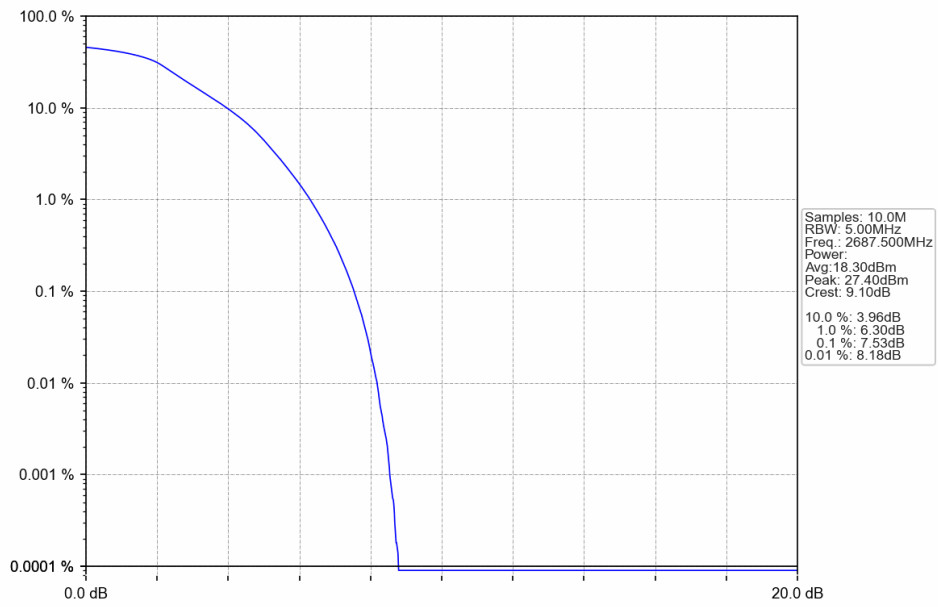
5.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.39	<=13	Pass
	2593	25	0	7.55	<=13	Pass
	2687.5	25	0	7.53	<=13	Pass
16QAM	2498.5	25	0	8.11	<=13	Pass
	2593	25	0	8.33	<=13	Pass
	2687.5	25	0	8.50	<=13	Pass

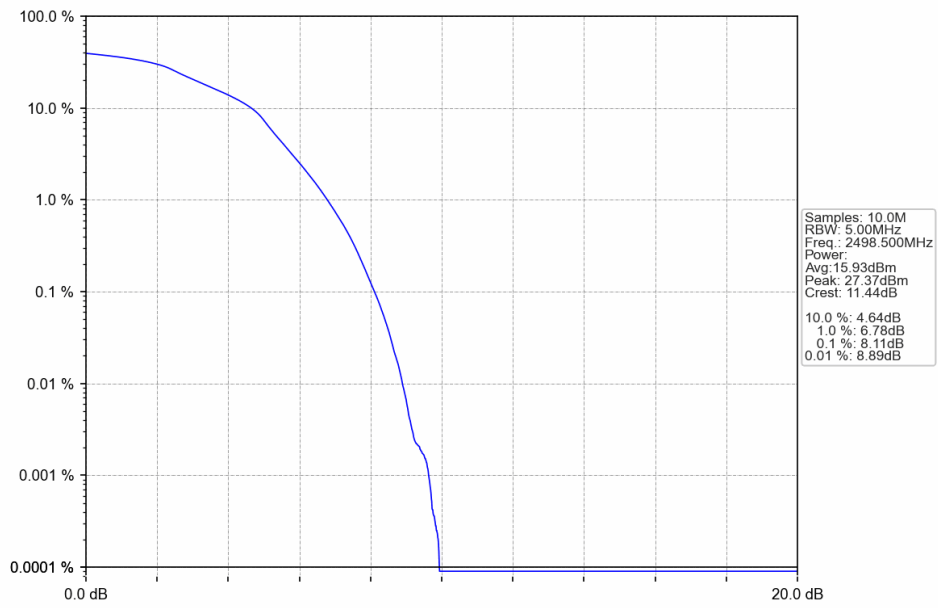
5.1.2 Test Graph



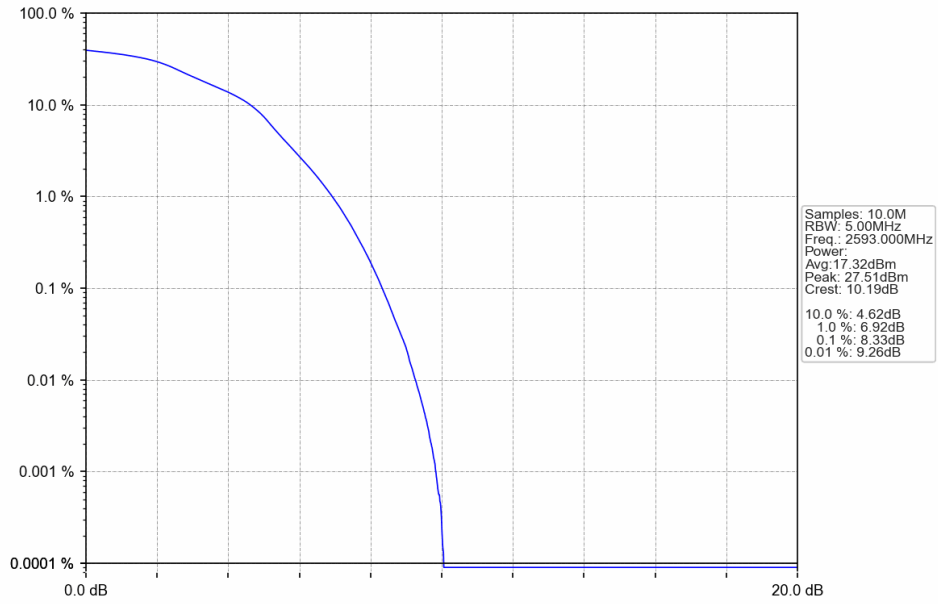
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



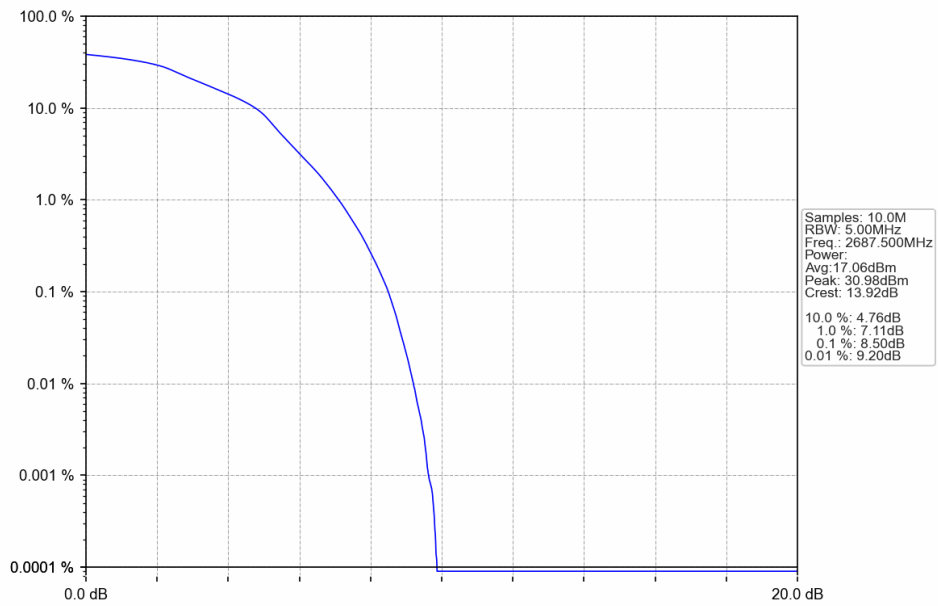
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV

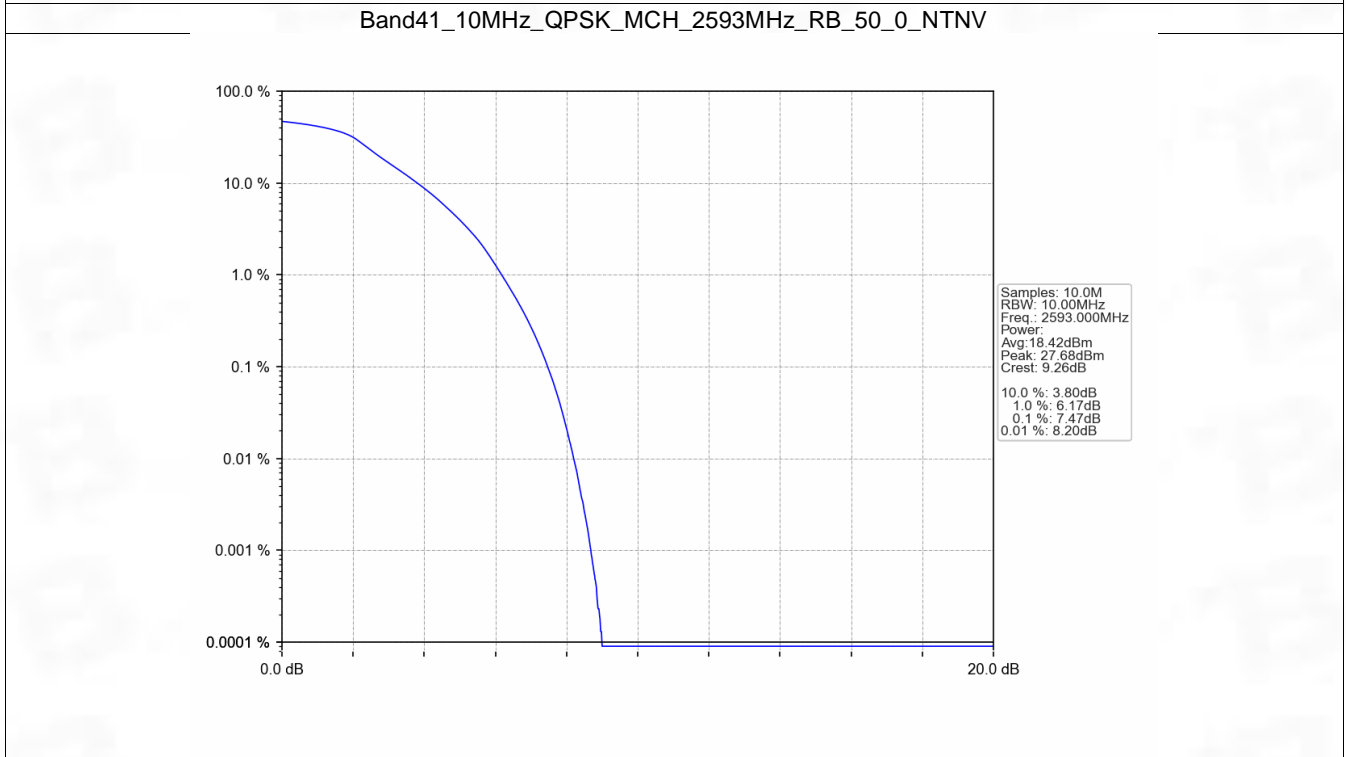
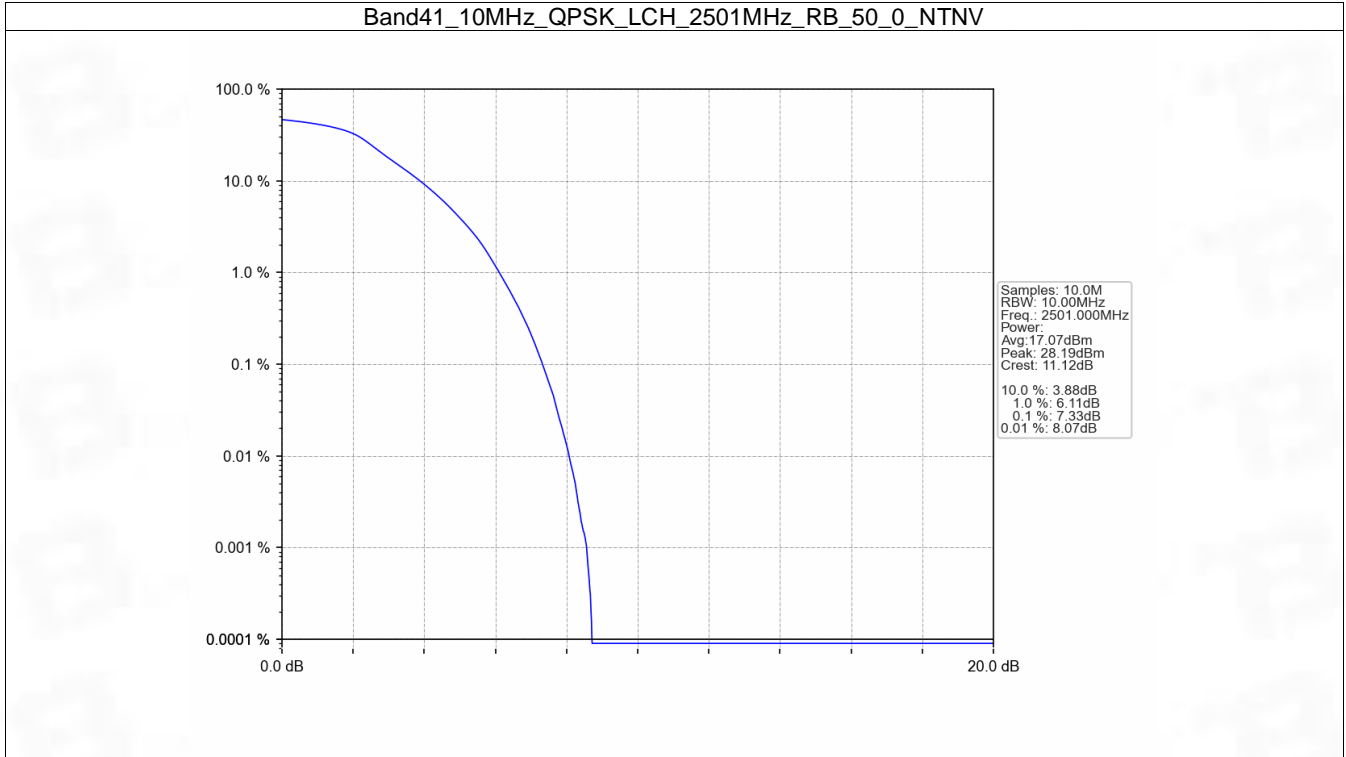


5.2 B41_10MHz

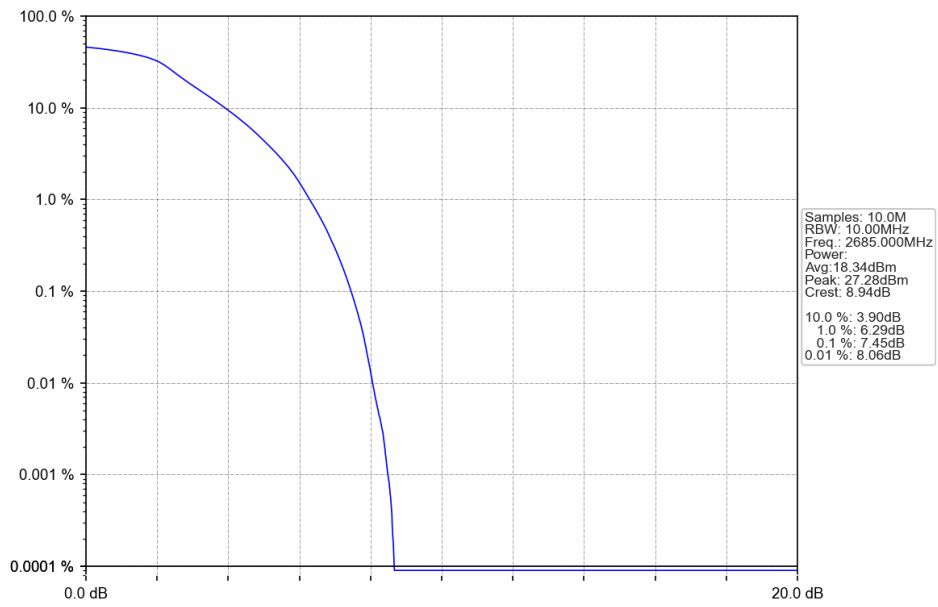
5.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTV						
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	7.47	<=13	Pass
	2685	50	0	7.45	<=13	Pass
16QAM	2501	50	0	8.04	<=13	Pass
	2593	50	0	8.13	<=13	Pass
	2685	50	0	8.03	<=13	Pass

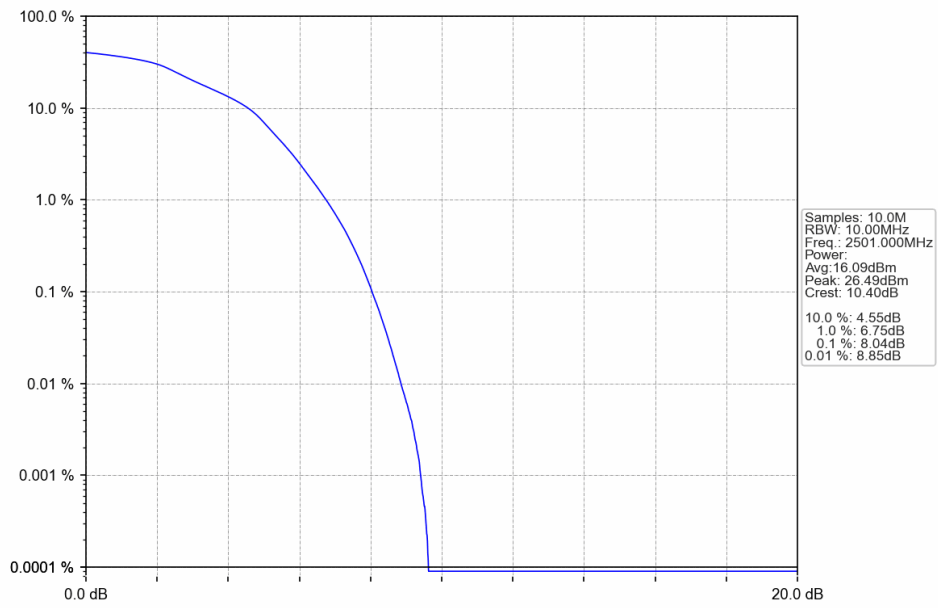
5.2.2 Test Graph



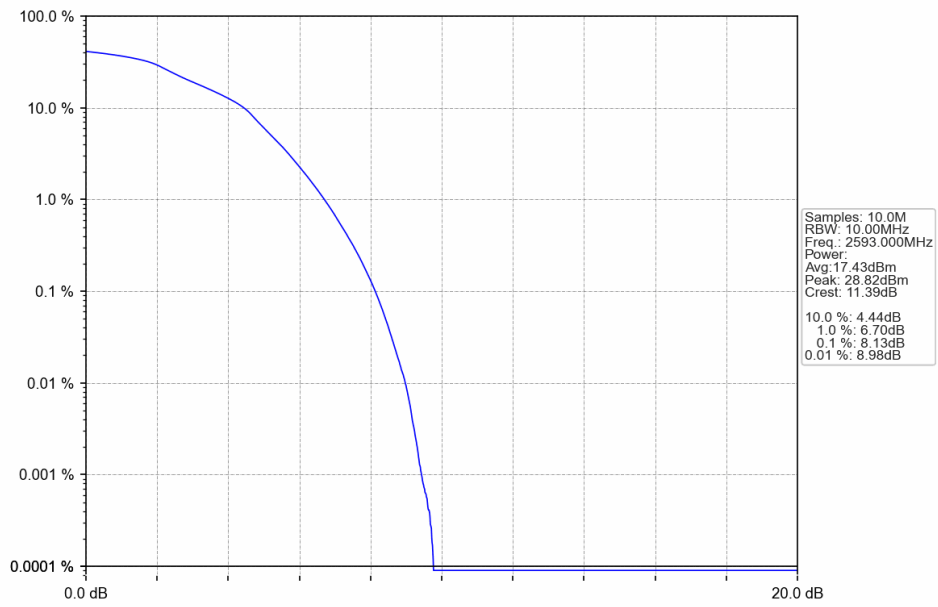
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



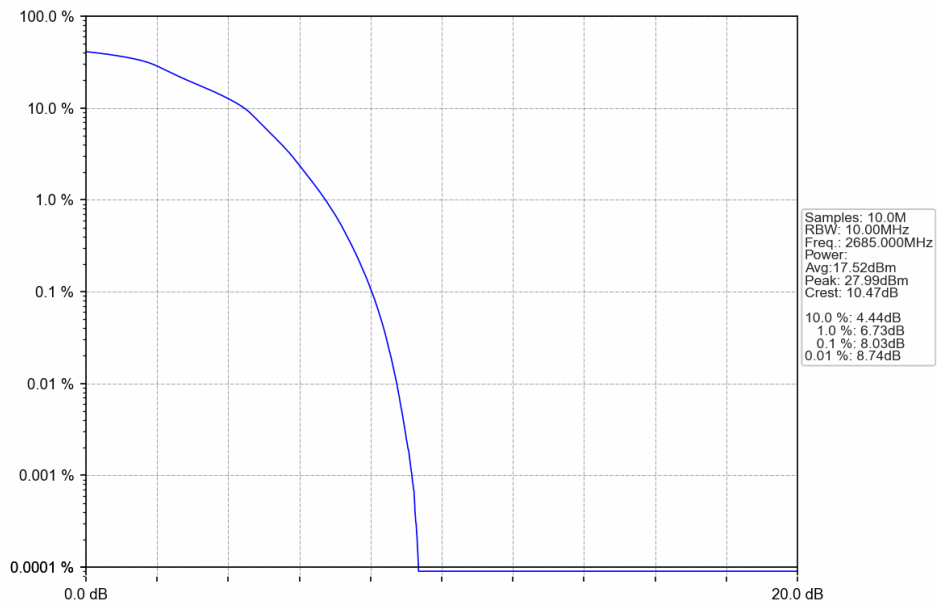
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV

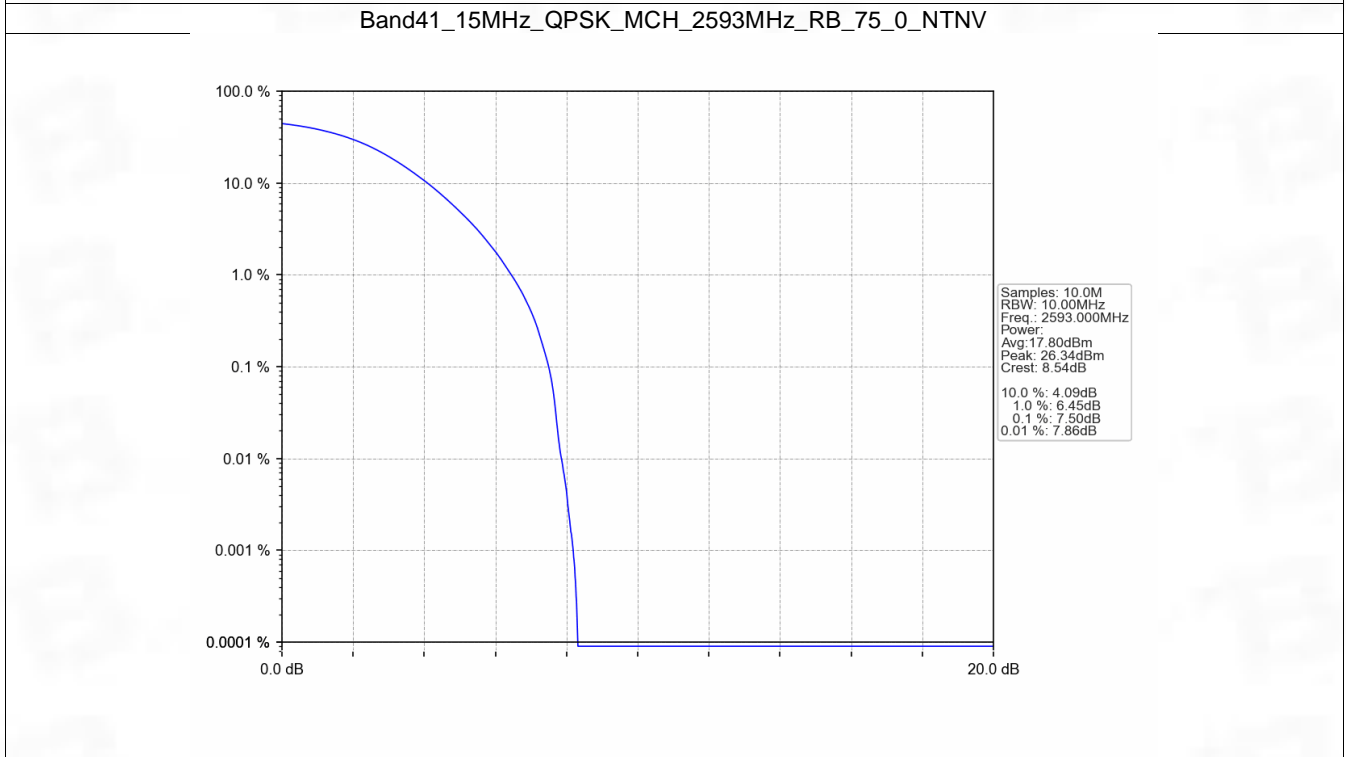
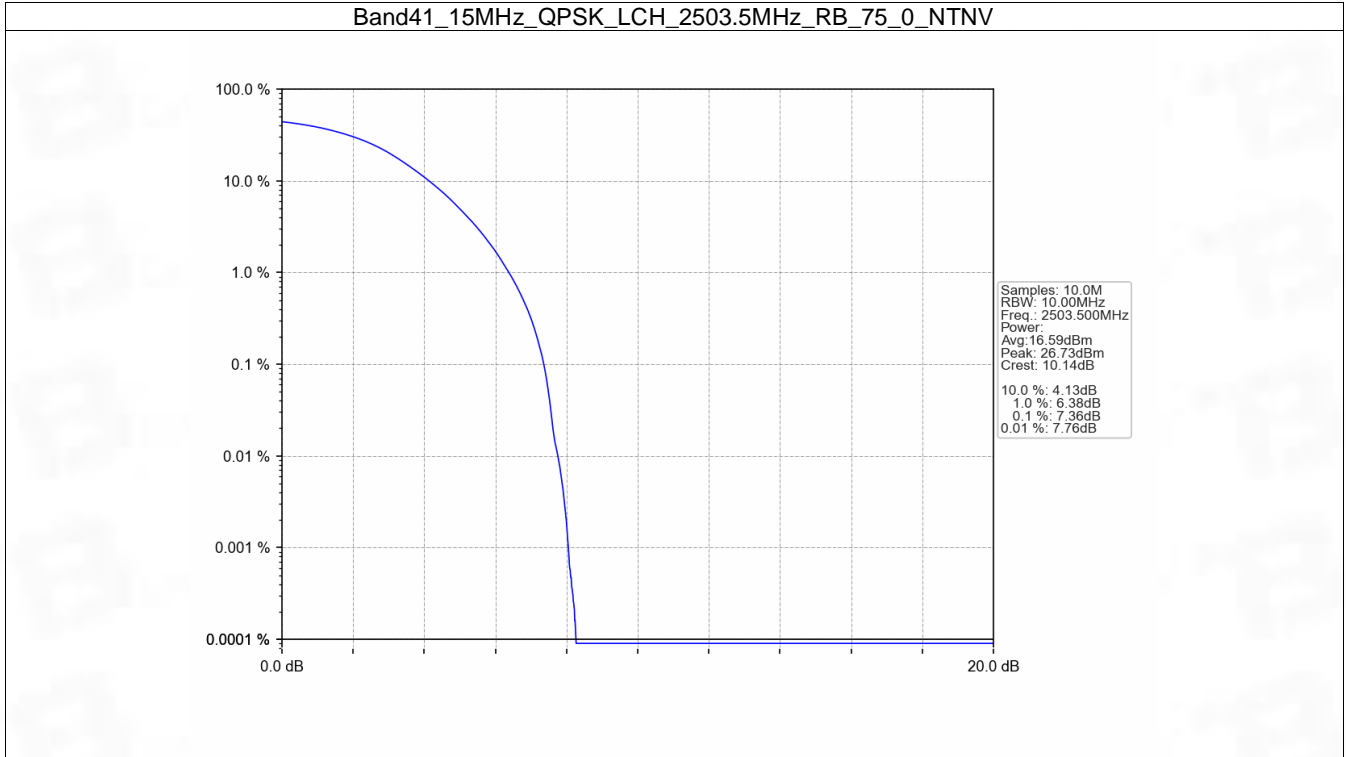


5.3 B41_15MHz

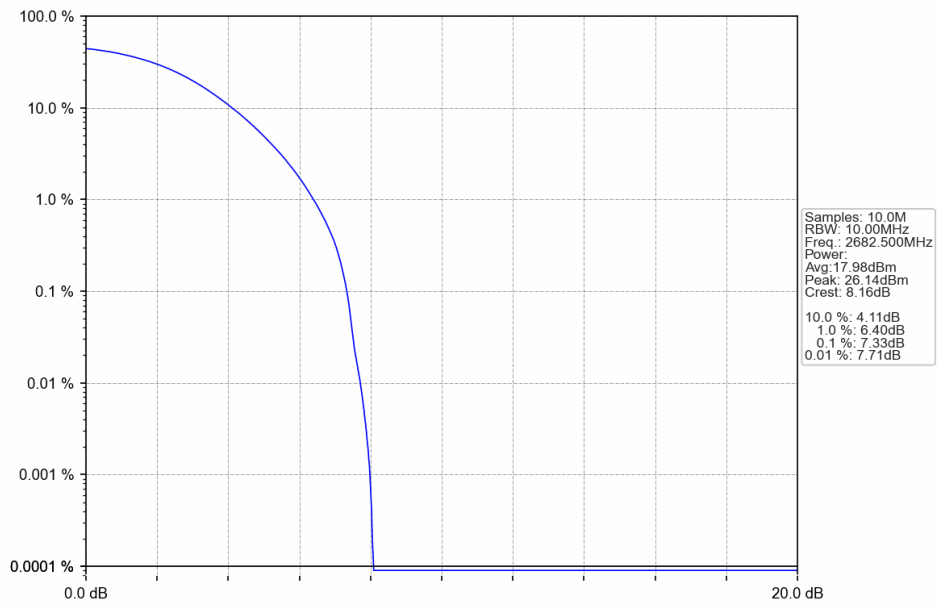
5.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	7.36	<=13	Pass
	2593	75	0	7.50	<=13	Pass
	2682.5	75	0	7.33	<=13	Pass
16QAM	2503.5	75	0	7.91	<=13	Pass
	2593	75	0	8.13	<=13	Pass
	2682.5	75	0	7.93	<=13	Pass

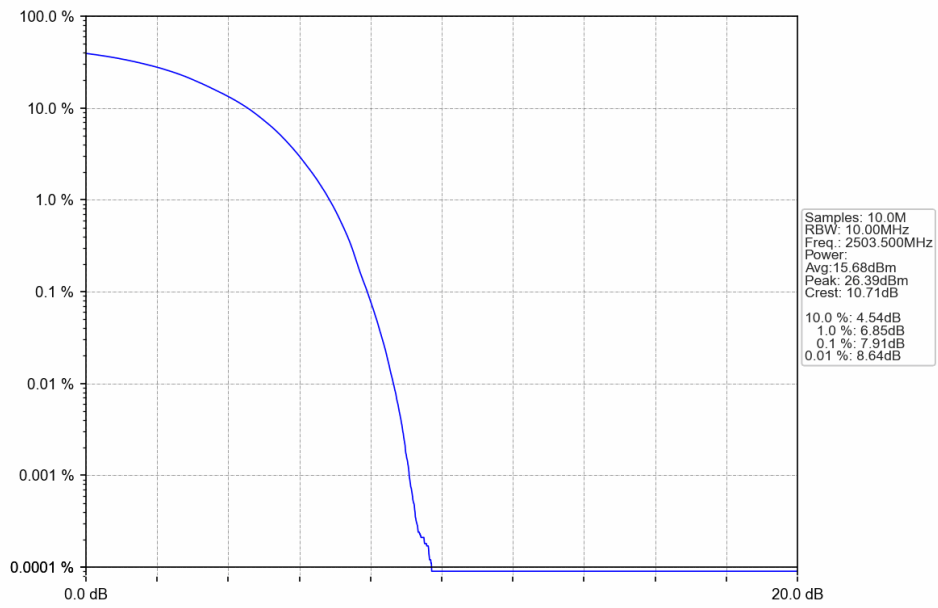
5.3.2 Test Graph



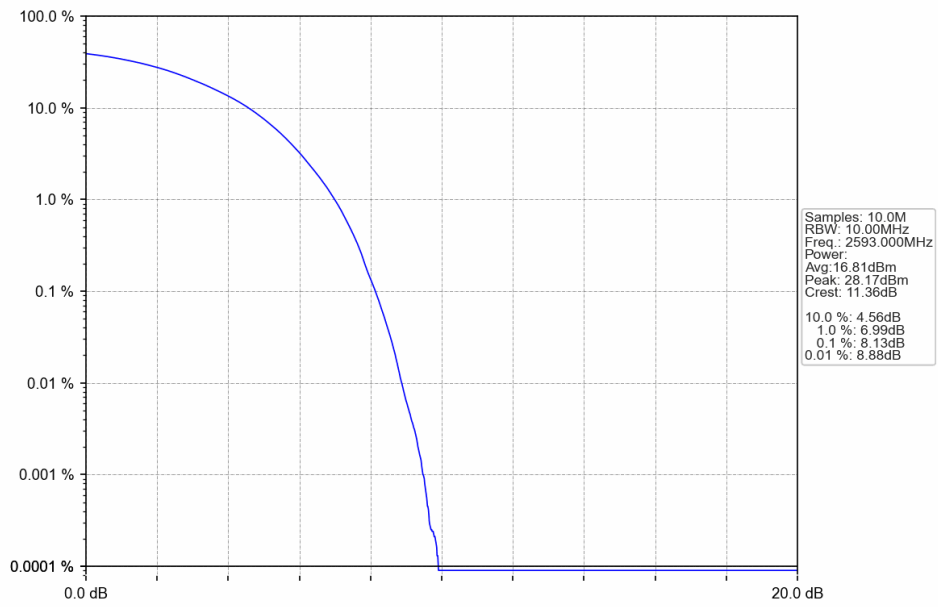
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



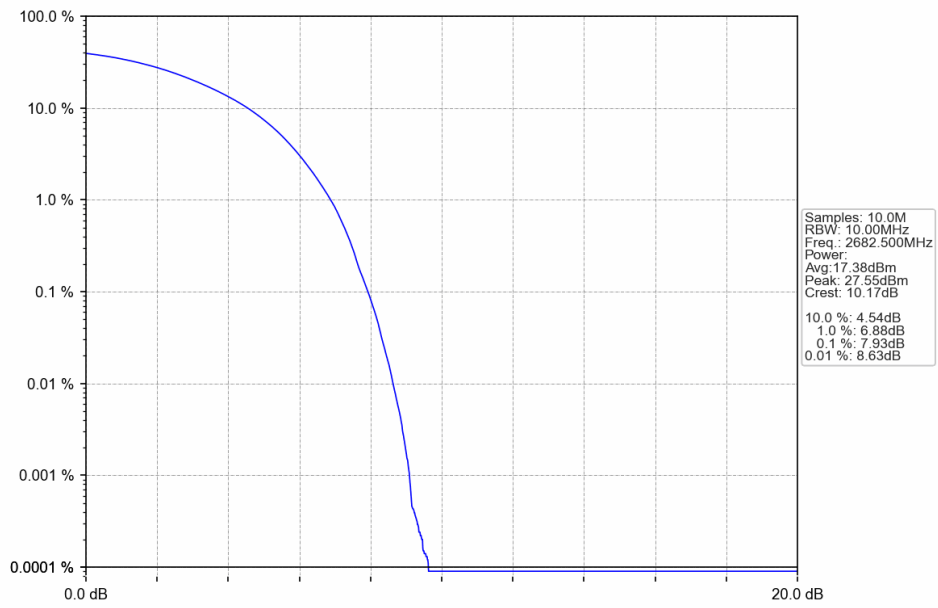
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV

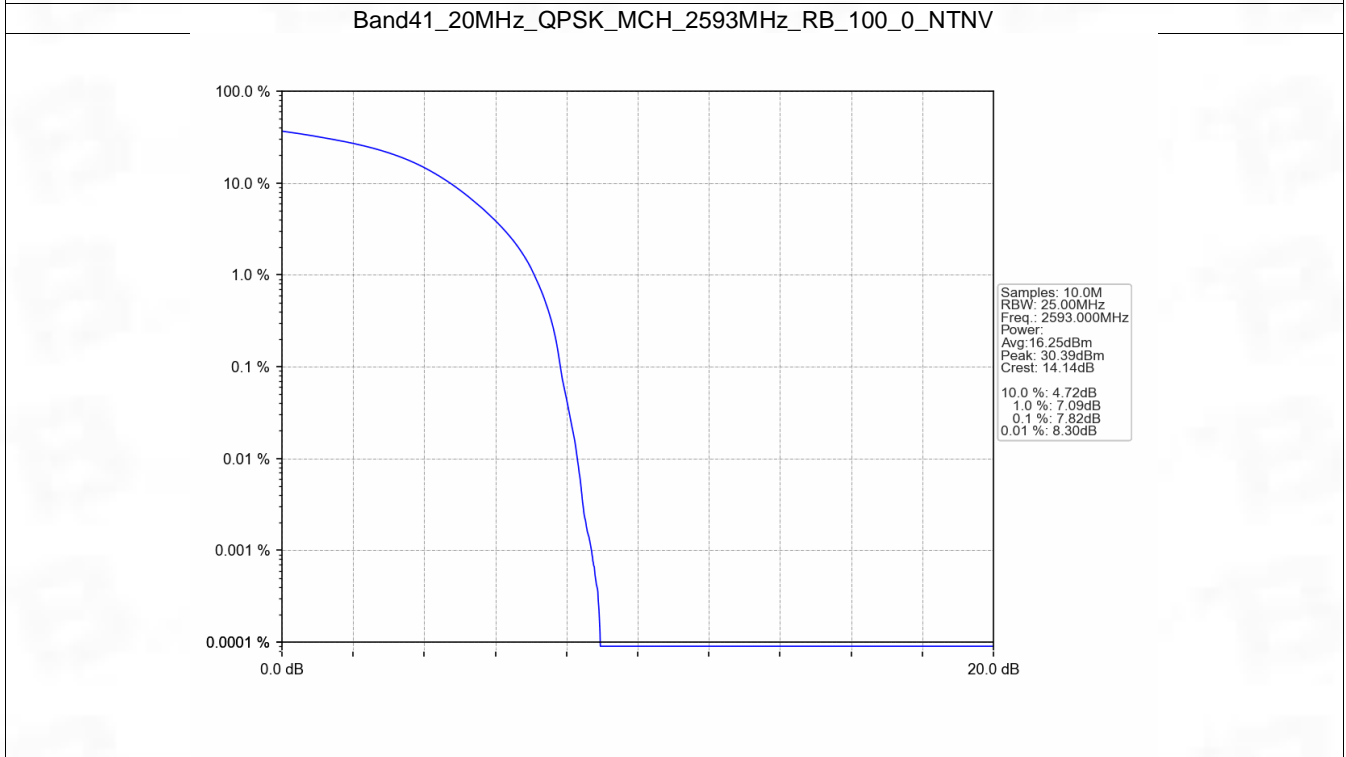
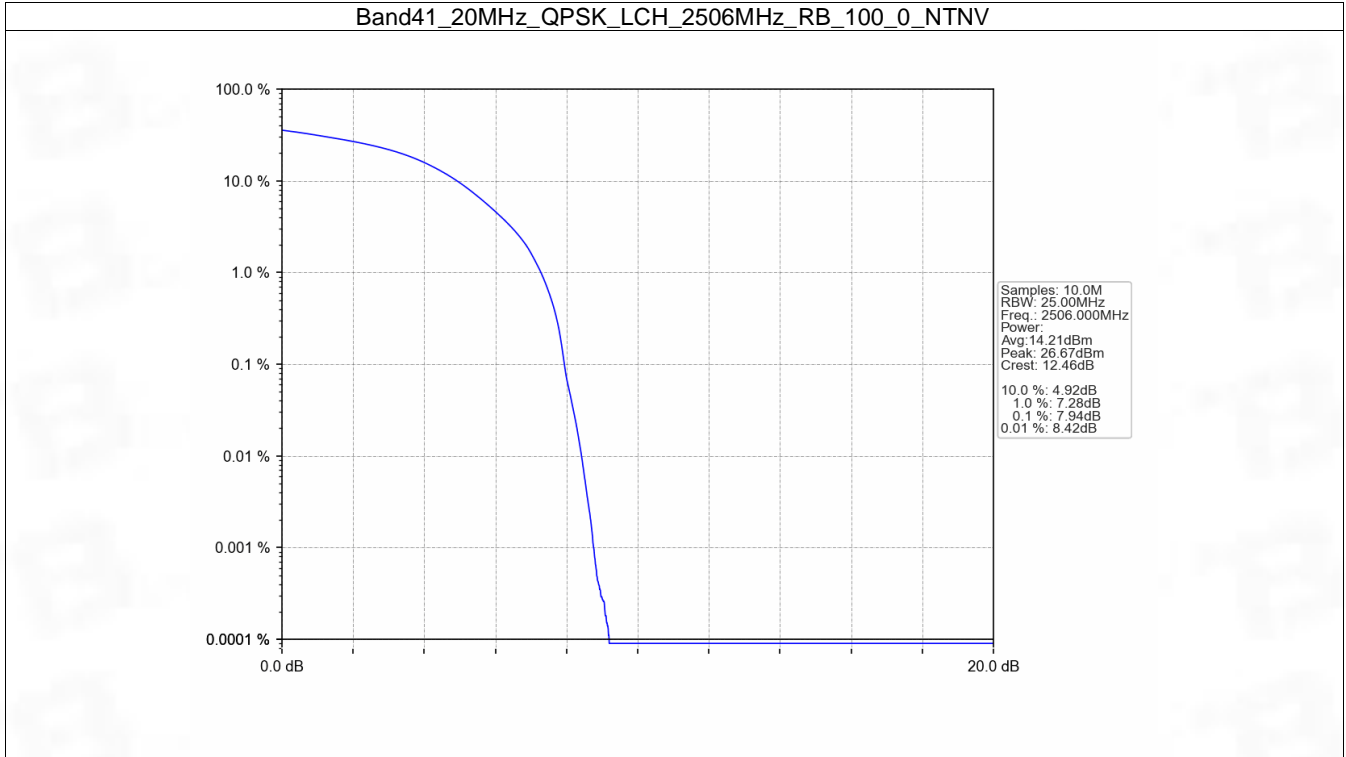


5.4 B41_20MHz

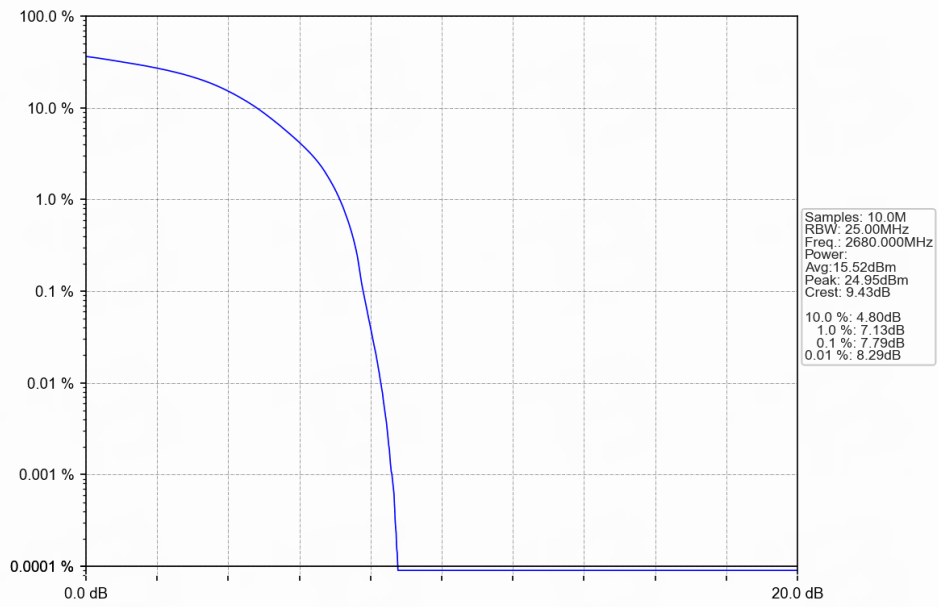
5.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.94	<=13	Pass
	2593	100	0	7.82	<=13	Pass
	2680	100	0	7.79	<=13	Pass
16QAM	2506	100	0	8.58	<=13	Pass
	2593	100	0	8.83	<=13	Pass
	2680	100	0	8.61	<=13	Pass

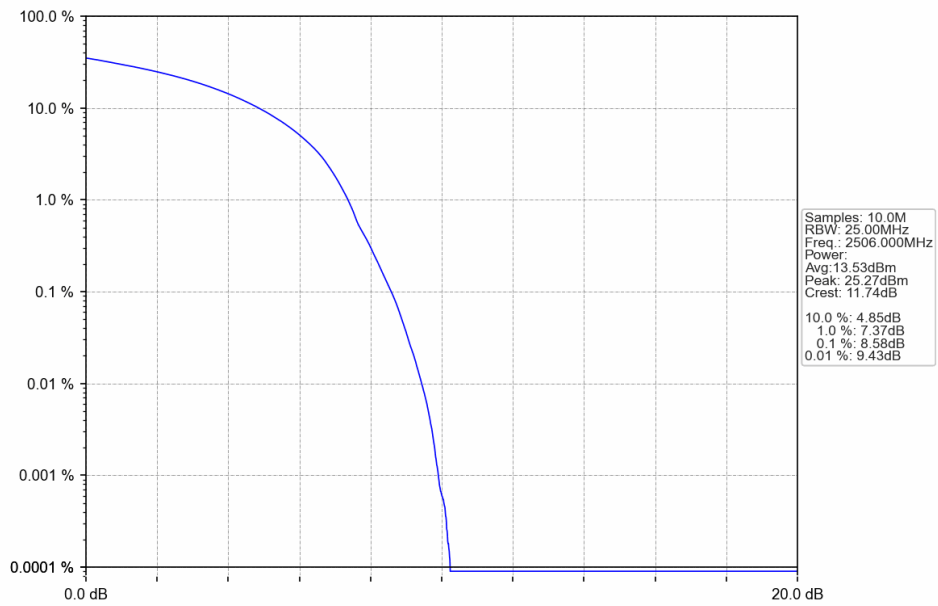
5.4.2 Test Graph



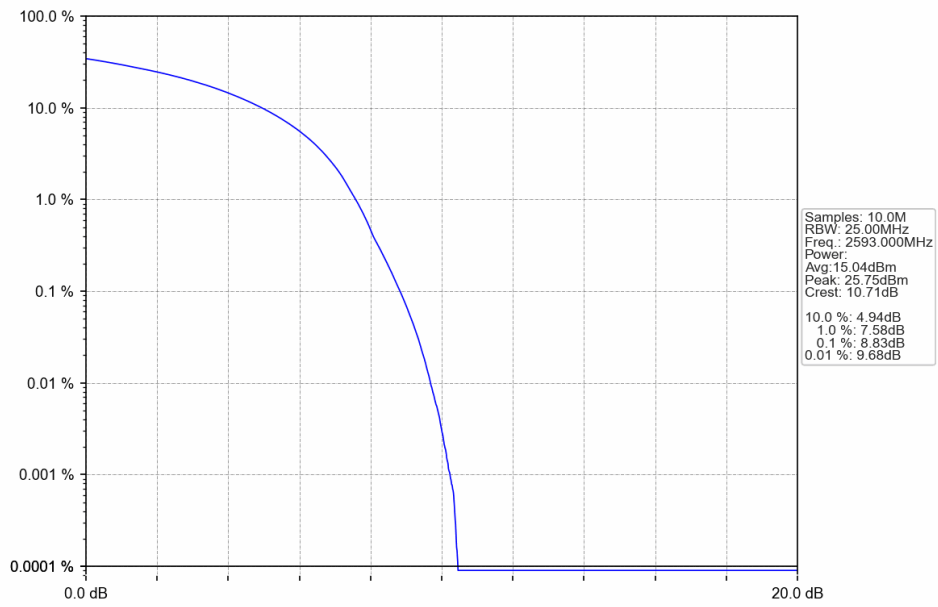
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



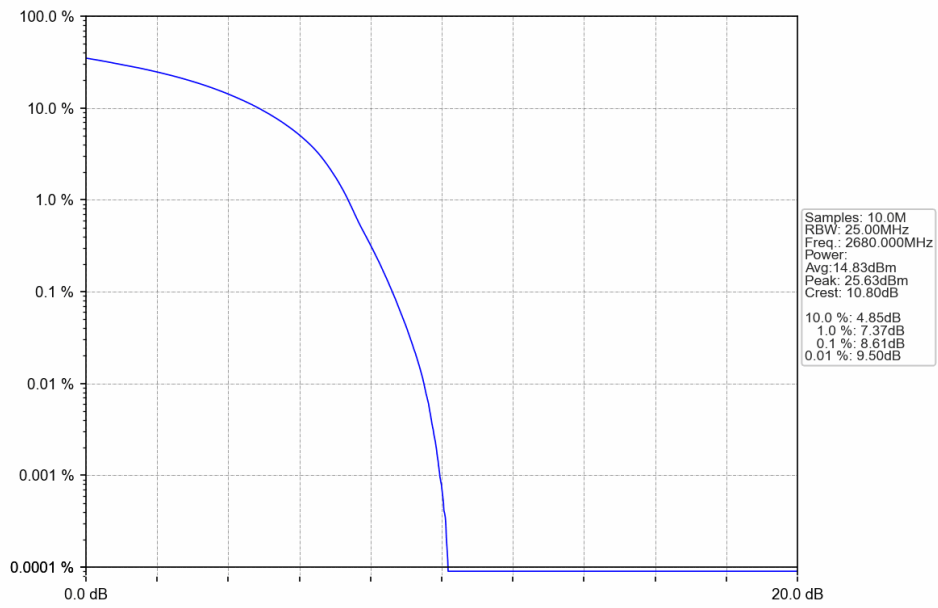
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



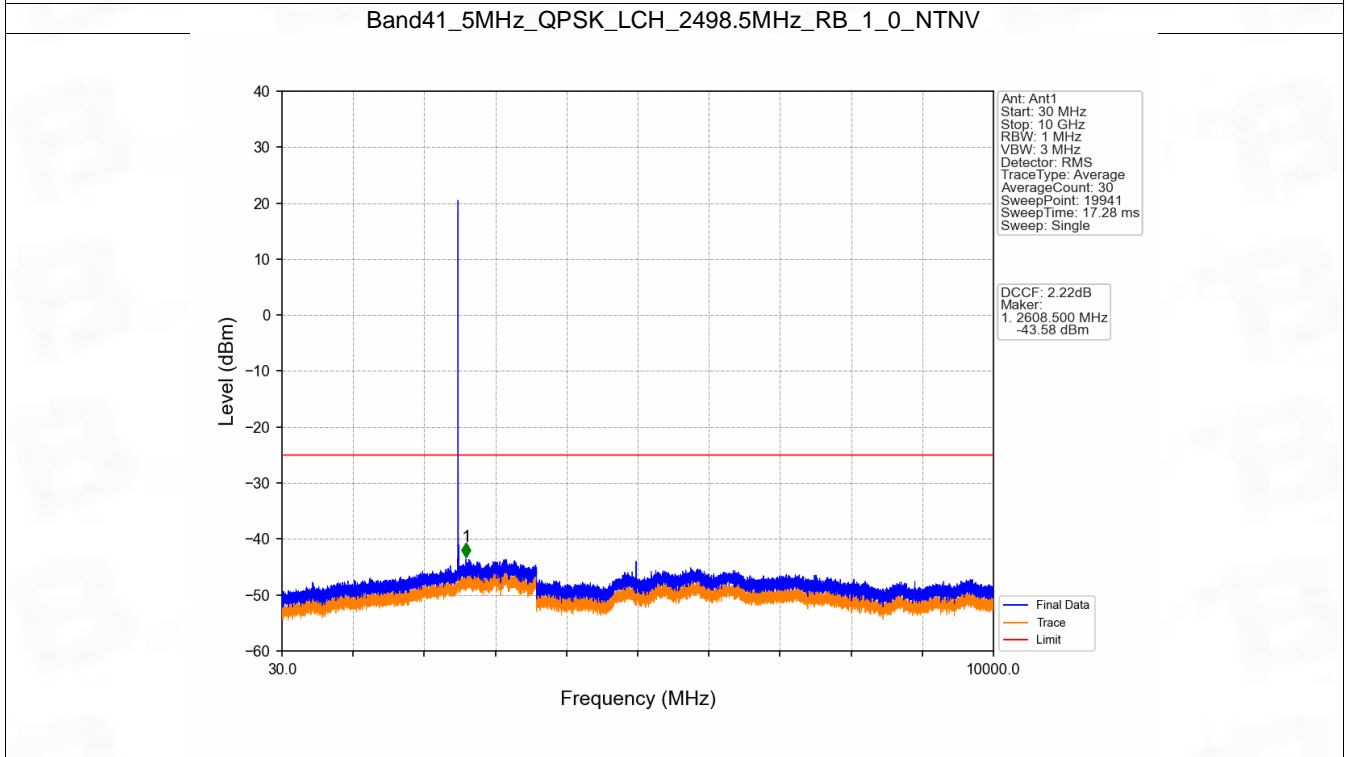
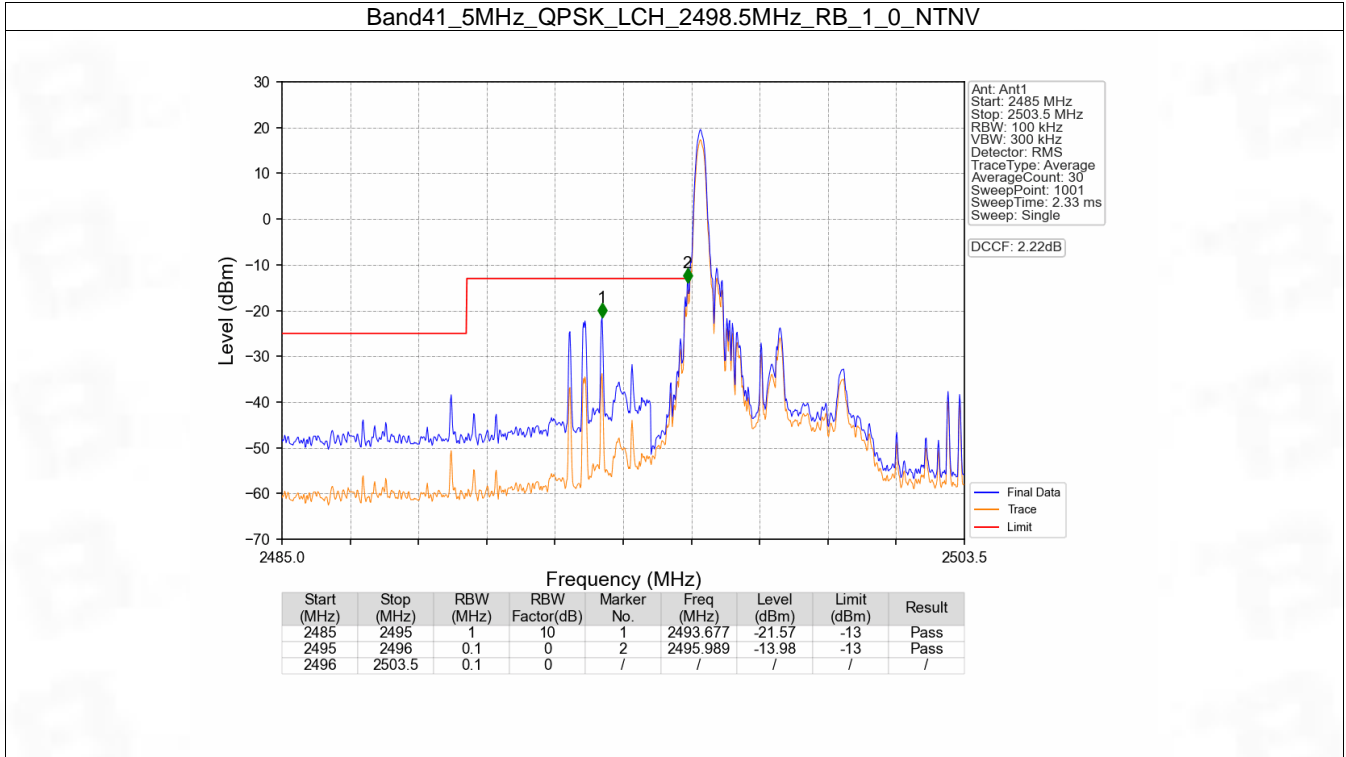
6. Spurious Emission

6.1 B41_5MHz

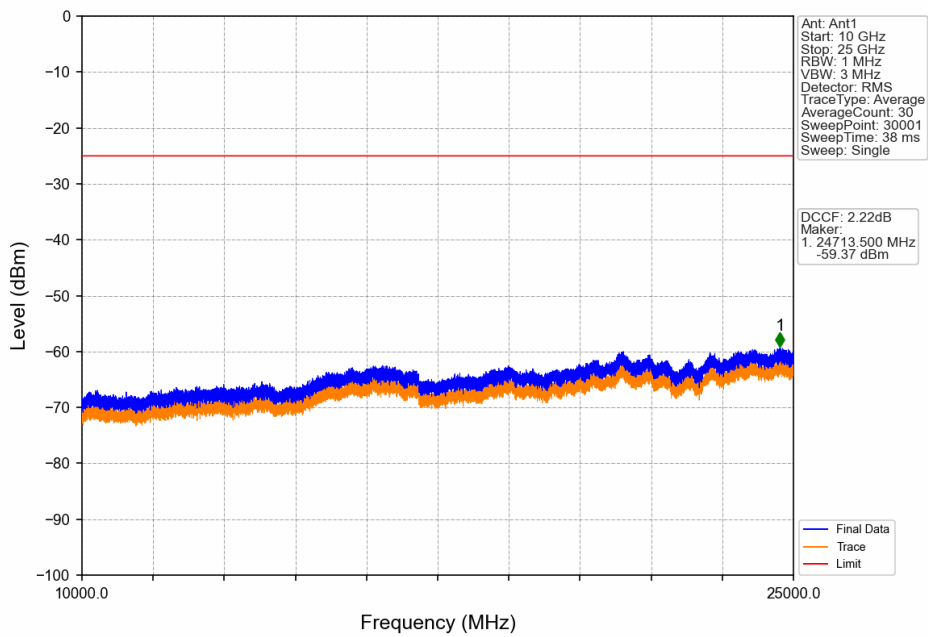
6.1.1 Test Result

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
	2593	1	0	Refer To Test Graph		Pass
	2687.5	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
	2593	1	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

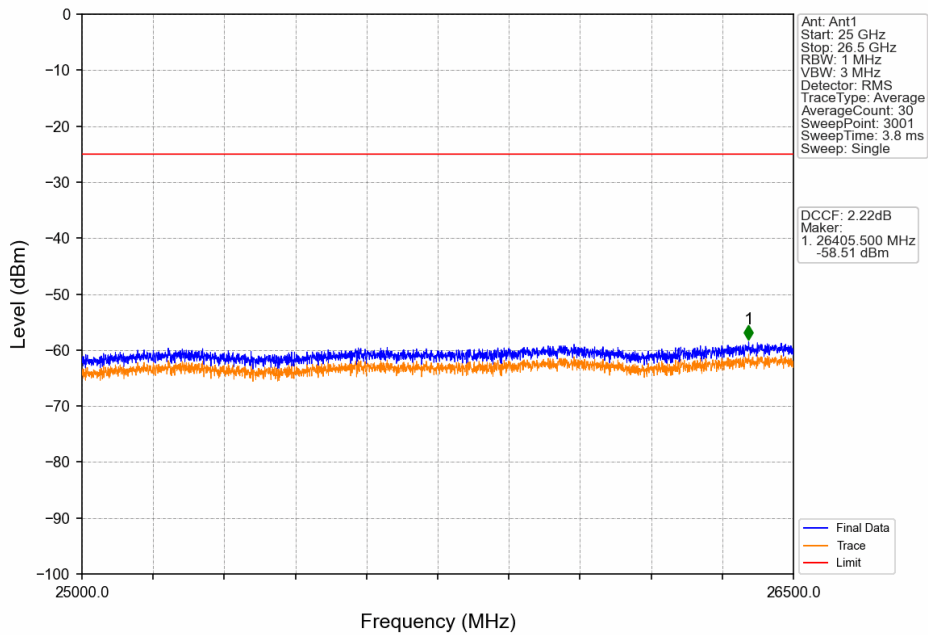
6.1.2 Test Graph



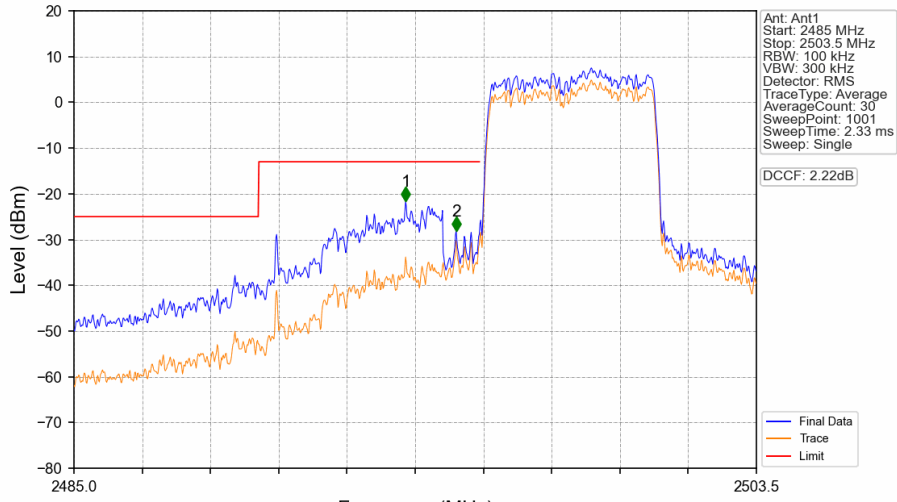
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

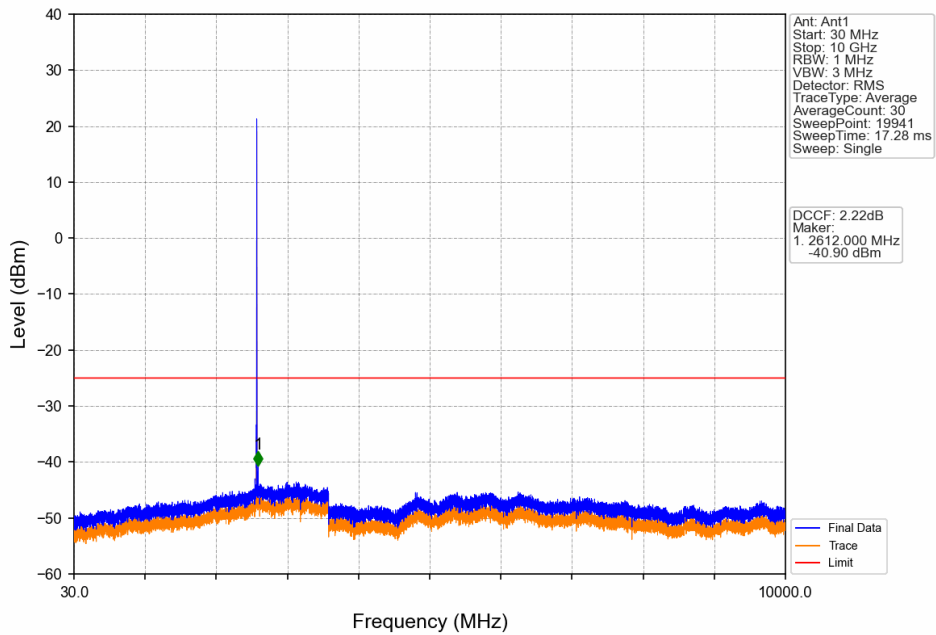


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

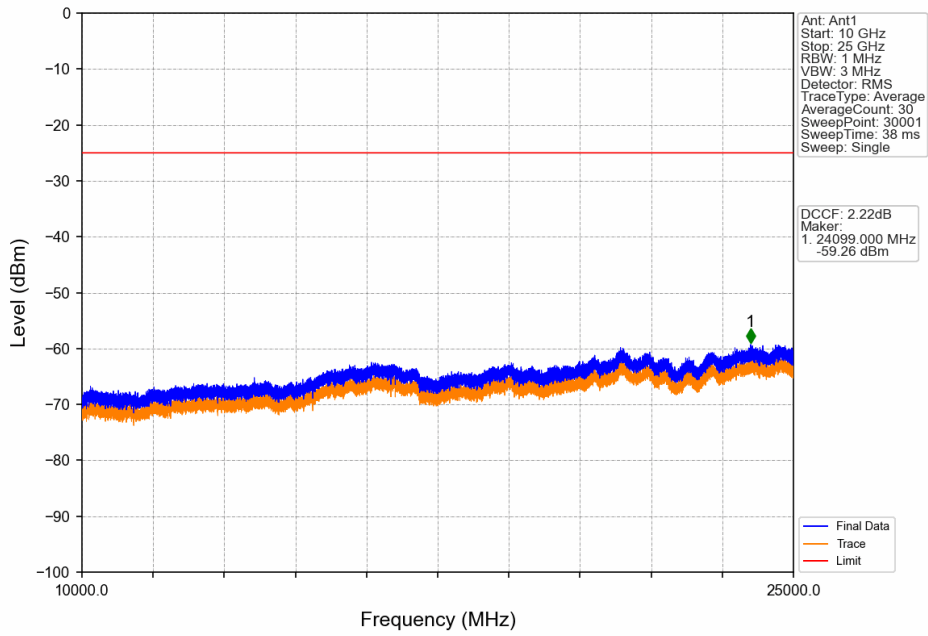


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	10	1	2493.991	-21.60	-13	Pass
2495	2496	0.1	0	2	2495.360	-28.10	-13	Pass
2496	2503.5	0.111	0.45	/	/	/	/	/

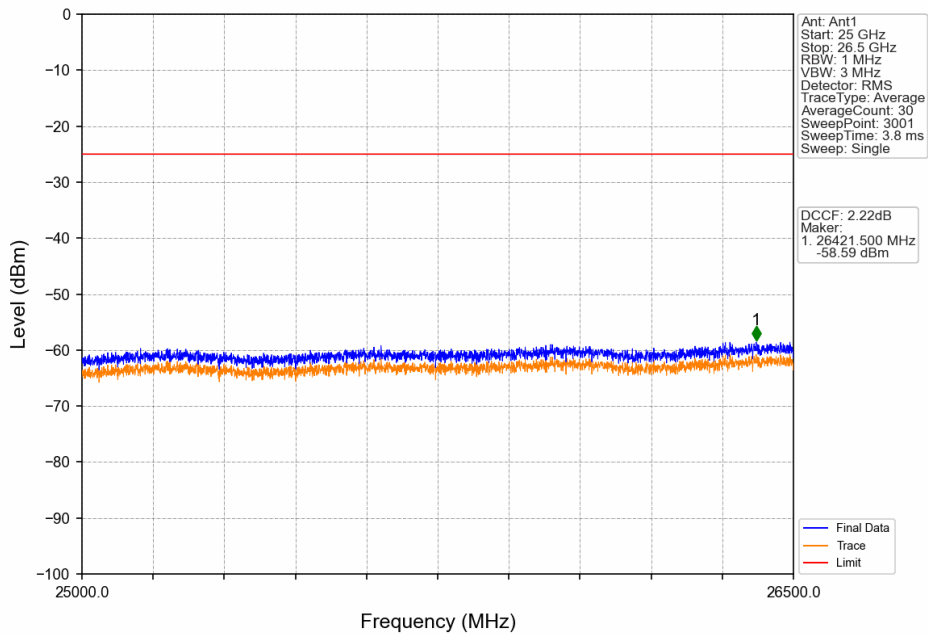
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



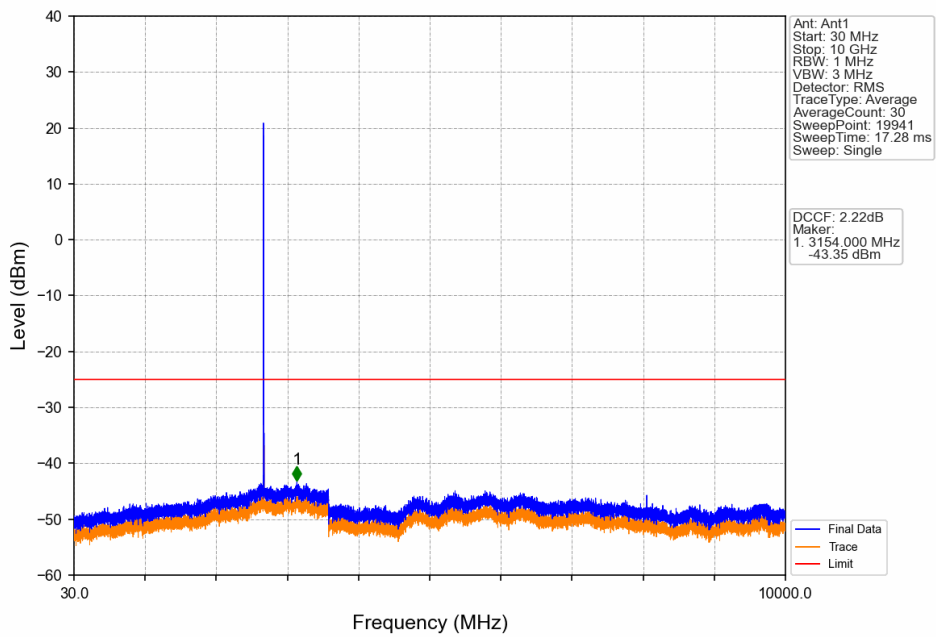
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



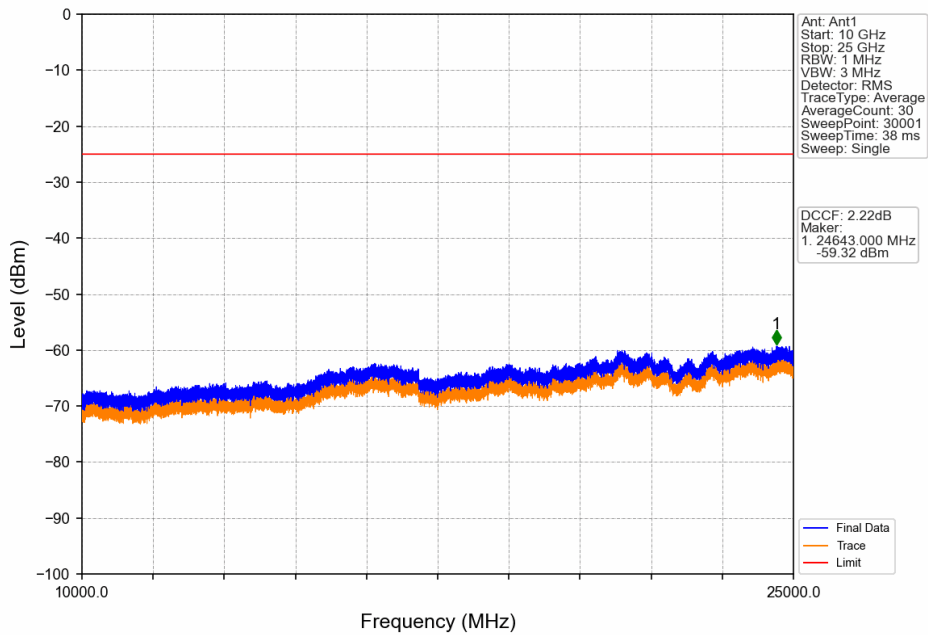
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



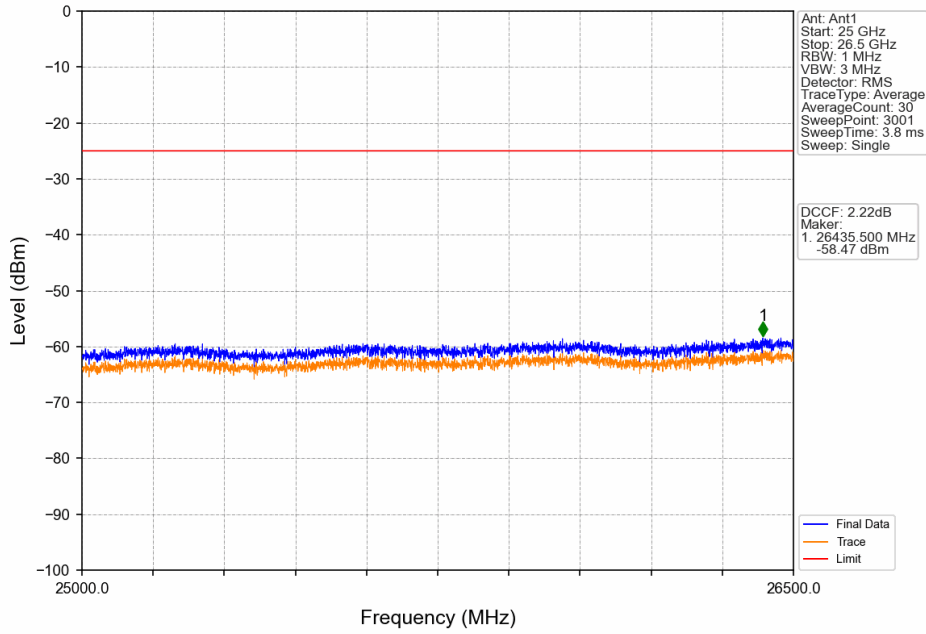
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



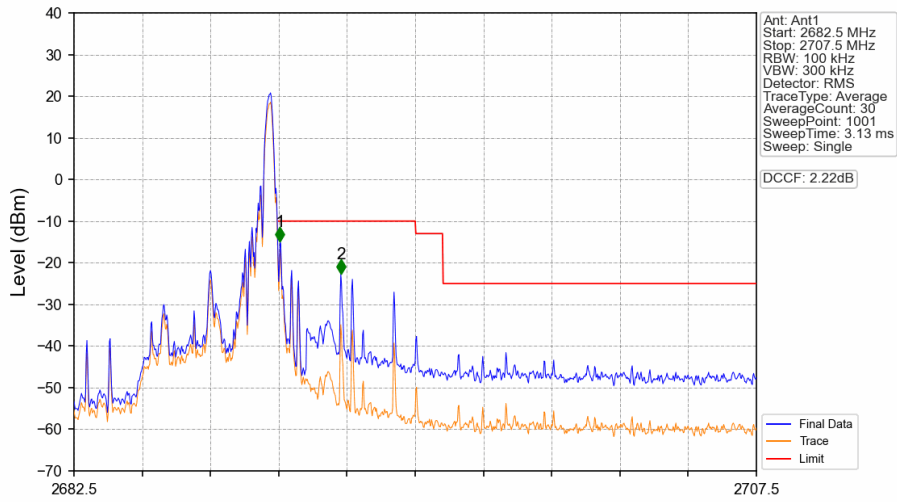
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	0	/	/	/	/	/
2690	2691	0.1	0	1	2690.050	-14.87	-10	Pass
2691	2707.5	1	10	2	2692.275	-22.64	-10	Pass