

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	21.95	0.39	22.34	<=33.01	Pass		
			13	21.80	0.39	22.19	<=33.01	Pass		
			24	21.97	0.39	22.36	<=33.01	Pass		
		12	0	20.76	0.39	21.15	<=33.01	Pass		
			6	20.76	0.39	21.15	<=33.01	Pass		
			13	20.80	0.39	21.19	<=33.01	Pass		
		25	0	20.82	0.39	21.21	<=33.01	Pass		
		2593	1	0	23.08	0.39	23.47	<=33.01	Pass	
				13	23.06	0.39	23.45	<=33.01	Pass	
	24			23.18	0.39	23.57	<=33.01	Pass		
	12		0	22.02	0.39	22.41	<=33.01	Pass		
			6	22.05	0.39	22.44	<=33.01	Pass		
			13	22.00	0.39	22.39	<=33.01	Pass		
	25	0	22.05	0.39	22.44	<=33.01	Pass			
	2687.5	1	0	23.18	0.39	23.57	<=33.01	Pass		
			13	23.23	0.39	23.62	<=33.01	Pass		
			24	23.21	0.39	23.60	<=33.01	Pass		
		12	0	22.19	0.39	22.58	<=33.01	Pass		
			6	22.15	0.39	22.54	<=33.01	Pass		
			13	22.17	0.39	22.56	<=33.01	Pass		
		25	0	22.21	0.39	22.60	<=33.01	Pass		
		16QAM	2498.5	1	0	20.87	0.39	21.26	<=33.01	Pass
					13	20.84	0.39	21.23	<=33.01	Pass
	24				20.82	0.39	21.21	<=33.01	Pass	
12	0			19.76	0.39	20.15	<=33.01	Pass		
	6			19.76	0.39	20.15	<=33.01	Pass		
	13			19.79	0.39	20.18	<=33.01	Pass		
25	0			19.81	0.39	20.20	<=33.01	Pass		
2593	1			0	22.07	0.39	22.46	<=33.01	Pass	
				13	22.06	0.39	22.45	<=33.01	Pass	
			24	22.13	0.39	22.52	<=33.01	Pass		
	12		0	20.92	0.39	21.31	<=33.01	Pass		
			6	21.07	0.39	21.46	<=33.01	Pass		
			13	21.01	0.39	21.40	<=33.01	Pass		
25	0		21.04	0.39	21.43	<=33.01	Pass			
2687.5	1		0	22.50	0.39	22.89	<=33.01	Pass		
			13	21.95	0.39	22.34	<=33.01	Pass		
			24	22.22	0.39	22.61	<=33.01	Pass		
	12		0	21.16	0.39	21.55	<=33.01	Pass		
			6	21.22	0.39	21.61	<=33.01	Pass		
			13	21.04	0.39	21.43	<=33.01	Pass		
	25		0	21.17	0.39	21.56	<=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	21.93	0.39	22.32	<=33.01	Pass	
			25	21.97	0.39	22.36	<=33.01	Pass	
			49	21.89	0.39	22.28	<=33.01	Pass	
		25	0	20.81	0.39	21.20	<=33.01	Pass	
			13	20.84	0.39	21.23	<=33.01	Pass	
			25	20.88	0.39	21.27	<=33.01	Pass	
		50	0	20.87	0.39	21.26	<=33.01	Pass	
		2593	1	0	23.01	0.39	23.40	<=33.01	Pass
				25	23.14	0.39	23.53	<=33.01	Pass
	49			23.21	0.39	23.60	<=33.01	Pass	
	25		0	22.04	0.39	22.43	<=33.01	Pass	
			13	22.07	0.39	22.46	<=33.01	Pass	
			25	22.14	0.39	22.53	<=33.01	Pass	
	50		0	22.13	0.39	22.52	<=33.01	Pass	
	2685		1	0	23.37	0.39	23.76	<=33.01	Pass
				25	23.29	0.39	23.68	<=33.01	Pass
		49		23.19	0.39	23.58	<=33.01	Pass	
		25	0	22.37	0.39	22.76	<=33.01	Pass	
			13	22.29	0.39	22.68	<=33.01	Pass	
			25	22.22	0.39	22.61	<=33.01	Pass	
	50	0	22.36	0.39	22.75	<=33.01	Pass		
	16QAM	2501	1	0	21.03	0.39	21.42	<=33.01	Pass
				25	20.95	0.39	21.34	<=33.01	Pass
				49	20.68	0.39	21.07	<=33.01	Pass
25			0	19.84	0.39	20.23	<=33.01	Pass	
			13	19.88	0.39	20.27	<=33.01	Pass	
			25	19.93	0.39	20.32	<=33.01	Pass	
50			0	19.84	0.39	20.23	<=33.01	Pass	
2593			1	0	21.85	0.39	22.24	<=33.01	Pass
				25	21.90	0.39	22.29	<=33.01	Pass
		49		22.10	0.39	22.49	<=33.01	Pass	
		25	0	21.10	0.39	21.49	<=33.01	Pass	
			13	21.12	0.39	21.51	<=33.01	Pass	
			25	21.19	0.39	21.58	<=33.01	Pass	
		50	0	21.07	0.39	21.46	<=33.01	Pass	
		2685	1	0	22.25	0.39	22.64	<=33.01	Pass
				25	22.57	0.39	22.96	<=33.01	Pass
49				21.88	0.39	22.27	<=33.01	Pass	
25			0	21.37	0.39	21.76	<=33.01	Pass	
			13	21.28	0.39	21.67	<=33.01	Pass	
			25	21.22	0.39	21.61	<=33.01	Pass	
50		0	21.29	0.39	21.68	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B41_15MHz_EIRP

1.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2503.5	1	0	21.98	0.39	22.37	<=33.01	Pass		
			38	21.95	0.39	22.34	<=33.01	Pass		
			74	21.88	0.39	22.27	<=33.01	Pass		
		36	0	20.80	0.39	21.19	<=33.01	Pass		
			18	20.87	0.39	21.26	<=33.01	Pass		
			39	20.84	0.39	21.23	<=33.01	Pass		
		75	0	20.82	0.39	21.21	<=33.01	Pass		
		2593	1	0	22.93	0.39	23.32	<=33.01	Pass	
				38	23.10	0.39	23.49	<=33.01	Pass	
	74			23.16	0.39	23.55	<=33.01	Pass		
	36		0	21.99	0.39	22.38	<=33.01	Pass		
			18	22.11	0.39	22.50	<=33.01	Pass		
			39	22.15	0.39	22.54	<=33.01	Pass		
	75		0	22.12	0.39	22.51	<=33.01	Pass		
	2682.5		1	0	23.45	0.39	23.84	<=33.01	Pass	
				38	23.31	0.39	23.70	<=33.01	Pass	
		74		23.08	0.39	23.47	<=33.01	Pass		
		36	0	22.38	0.39	22.77	<=33.01	Pass		
			18	22.28	0.39	22.67	<=33.01	Pass		
			39	22.23	0.39	22.62	<=33.01	Pass		
		75	0	22.34	0.39	22.73	<=33.01	Pass		
		16QAM	2503.5	1	0	20.96	0.39	21.35	<=33.01	Pass
					38	21.06	0.39	21.45	<=33.01	Pass
	74				20.86	0.39	21.25	<=33.01	Pass	
36	0			19.84	0.39	20.23	<=33.01	Pass		
	18			19.86	0.39	20.25	<=33.01	Pass		
	39			19.82	0.39	20.21	<=33.01	Pass		
75	0			19.82	0.39	20.21	<=33.01	Pass		
2593	1			0	21.83	0.39	22.22	<=33.01	Pass	
				38	22.04	0.39	22.43	<=33.01	Pass	
			74	22.08	0.39	22.47	<=33.01	Pass		
	36		0	21.00	0.39	21.39	<=33.01	Pass		
			18	21.04	0.39	21.43	<=33.01	Pass		
			39	21.13	0.39	21.52	<=33.01	Pass		
	75		0	21.10	0.39	21.49	<=33.01	Pass		
	2682.5		1	0	22.29	0.39	22.68	<=33.01	Pass	
				38	22.39	0.39	22.78	<=33.01	Pass	
74				21.92	0.39	22.31	<=33.01	Pass		
36			0	21.43	0.39	21.82	<=33.01	Pass		
			18	21.30	0.39	21.69	<=33.01	Pass		
			39	21.24	0.39	21.63	<=33.01	Pass		
75			0	21.31	0.39	21.70	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B41_20MHz_EIRP

1.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	21.87	0.39	22.26	<=33.01	Pass
			50	21.93	0.39	22.32	<=33.01	Pass

		50	99	21.86	0.39	22.25	<=33.01	Pass		
			0	20.84	0.39	21.23	<=33.01	Pass		
			25	20.94	0.39	21.33	<=33.01	Pass		
			50	20.91	0.39	21.30	<=33.01	Pass		
		100	0	20.86	0.39	21.25	<=33.01	Pass		
			0	22.83	0.39	23.22	<=33.01	Pass		
			50	23.13	0.39	23.52	<=33.01	Pass		
			99	23.12	0.39	23.51	<=33.01	Pass		
		2593	50	0	22.06	0.39	22.45	<=33.01	Pass	
				25	22.20	0.39	22.59	<=33.01	Pass	
				50	22.23	0.39	22.62	<=33.01	Pass	
			100	0	22.15	0.39	22.54	<=33.01	Pass	
	2680	1	0	23.41	0.39	23.80	<=33.01	Pass		
			50	23.45	0.39	23.84	<=33.01	Pass		
			99	23.21	0.39	23.60	<=33.01	Pass		
		50	0	22.51	0.39	22.90	<=33.01	Pass		
			25	22.44	0.39	22.83	<=33.01	Pass		
			50	22.30	0.39	22.69	<=33.01	Pass		
		100	0	22.43	0.39	22.82	<=33.01	Pass		
		16QAM	2506	1	0	20.80	0.39	21.19	<=33.01	Pass
					50	20.89	0.39	21.28	<=33.01	Pass
					99	20.83	0.39	21.22	<=33.01	Pass
				50	0	19.82	0.39	20.21	<=33.01	Pass
					25	19.87	0.39	20.26	<=33.01	Pass
50	19.88				0.39	20.27	<=33.01	Pass		
100	0			19.82	0.39	20.21	<=33.01	Pass		
2593	1			0	21.64	0.39	22.03	<=33.01	Pass	
				50	21.90	0.39	22.29	<=33.01	Pass	
				99	22.22	0.39	22.61	<=33.01	Pass	
	50			0	21.12	0.39	21.51	<=33.01	Pass	
				25	21.15	0.39	21.54	<=33.01	Pass	
			50	21.17	0.39	21.56	<=33.01	Pass		
	100		0	21.14	0.39	21.53	<=33.01	Pass		
	2680		1	0	22.54	0.39	22.93	<=33.01	Pass	
				50	22.65	0.39	23.04	<=33.01	Pass	
				99	22.39	0.39	22.78	<=33.01	Pass	
			50	0	21.51	0.39	21.90	<=33.01	Pass	
				25	21.43	0.39	21.82	<=33.01	Pass	
50				21.30	0.39	21.69	<=33.01	Pass		
100			0	21.36	0.39	21.75	<=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	3.23	7.210	0.0029	-2.5 to 2.5	Pass
					3.8	-2.146	-0.0009	-2.5 to 2.5	Pass
					4.37	-4.950	-0.0020	-2.5 to 2.5	Pass

				-30	3.8	-1.388	-0.0006	-2.5 to 2.5	Pass
				-20	3.8	5.078	0.0020	-2.5 to 2.5	Pass
				-10	3.8	-2.489	-0.0010	-2.5 to 2.5	Pass
				0	3.8	-0.257	-0.0001	-2.5 to 2.5	Pass
				10	3.8	4.106	0.0016	-2.5 to 2.5	Pass
				30	3.8	1.988	0.0008	-2.5 to 2.5	Pass
				40	3.8	1.874	0.0008	-2.5 to 2.5	Pass
				50	3.8	0.844	0.0003	-2.5 to 2.5	Pass
	2593	25	0	20	3.23	-2.489	-0.0010	-2.5 to 2.5	Pass
					3.8	-3.219	-0.0012	-2.5 to 2.5	Pass
					4.37	-7.882	-0.0030	-2.5 to 2.5	Pass
				-30	3.8	3.276	0.0013	-2.5 to 2.5	Pass
				-20	3.8	-4.549	-0.0018	-2.5 to 2.5	Pass
				-10	3.8	0.157	0.0001	-2.5 to 2.5	Pass
				0	3.8	-11.845	-0.0046	-2.5 to 2.5	Pass
				10	3.8	-4.220	-0.0016	-2.5 to 2.5	Pass
				30	3.8	-2.775	-0.0011	-2.5 to 2.5	Pass
				40	3.8	-4.363	-0.0017	-2.5 to 2.5	Pass
				50	3.8	5.050	0.0019	-2.5 to 2.5	Pass
				2687.5	25	0	20	3.23	2.117
	3.8	-6.237	-0.0023					-2.5 to 2.5	Pass
	4.37	-5.450	-0.0020					-2.5 to 2.5	Pass
	-30	3.8	-2.832				-0.0011	-2.5 to 2.5	Pass
	-20	3.8	-7.381				-0.0027	-2.5 to 2.5	Pass
	-10	3.8	-4.764				-0.0018	-2.5 to 2.5	Pass
	0	3.8	6.938				0.0026	-2.5 to 2.5	Pass
	10	3.8	-17.138				-0.0064	-2.5 to 2.5	Pass
30	3.8	-0.072	0.0000				-2.5 to 2.5	Pass	
40	3.8	0.229	0.0001				-2.5 to 2.5	Pass	
50	3.8	-3.490	-0.0013				-2.5 to 2.5	Pass	
16QAM	2498.5	25	0				20	3.23	-0.744
				3.8	-4.821	-0.0019		-2.5 to 2.5	Pass
				4.37	4.134	0.0017		-2.5 to 2.5	Pass
				-30	3.8	-7.195	-0.0029	-2.5 to 2.5	Pass
				-20	3.8	6.266	0.0025	-2.5 to 2.5	Pass
				-10	3.8	-6.680	-0.0027	-2.5 to 2.5	Pass
				0	3.8	-1.602	-0.0006	-2.5 to 2.5	Pass
				10	3.8	0.658	0.0003	-2.5 to 2.5	Pass
				30	3.8	-1.431	-0.0006	-2.5 to 2.5	Pass
				40	3.8	-3.848	-0.0015	-2.5 to 2.5	Pass
				50	3.8	-3.176	-0.0013	-2.5 to 2.5	Pass
				2593	25	0	20	3.23	0.343
	3.8	-2.103	-0.0008					-2.5 to 2.5	Pass
	4.37	4.992	0.0019					-2.5 to 2.5	Pass
	-30	3.8	-0.114				0.0000	-2.5 to 2.5	Pass
	-20	3.8	-0.329				-0.0001	-2.5 to 2.5	Pass
	-10	3.8	2.089				0.0008	-2.5 to 2.5	Pass
	0	3.8	-10.729				-0.0041	-2.5 to 2.5	Pass
	10	3.8	-7.281				-0.0028	-2.5 to 2.5	Pass
	30	3.8	4.177				0.0016	-2.5 to 2.5	Pass
	40	3.8	1.888				0.0007	-2.5 to 2.5	Pass
	50	3.8	-5.178				-0.0020	-2.5 to 2.5	Pass
	2687.5	25	0				20	3.23	1.001
				3.8	-8.183	-0.0030		-2.5 to 2.5	Pass
				4.37	-2.861	-0.0011		-2.5 to 2.5	Pass
				-30	3.8	2.990	0.0011	-2.5 to 2.5	Pass
				-20	3.8	-1.287	-0.0005	-2.5 to 2.5	Pass

				-10	3.8	-4.663	-0.0017	-2.5 to 2.5	Pass
				0	3.8	-5.894	-0.0022	-2.5 to 2.5	Pass
				10	3.8	-0.029	0.0000	-2.5 to 2.5	Pass
				30	3.8	-2.646	-0.0010	-2.5 to 2.5	Pass
				40	3.8	2.761	0.0010	-2.5 to 2.5	Pass
				50	3.8	-1.745	-0.0006	-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	3.23	-3.448	-0.0014	-2.5 to 2.5	Pass	
					3.8	4.807	0.0019	-2.5 to 2.5	Pass	
					4.37	5.193	0.0021	-2.5 to 2.5	Pass	
				-30	3.8	-3.591	-0.0014	-2.5 to 2.5	Pass	
					-20	3.8	-2.246	-0.0009	-2.5 to 2.5	Pass
						3.8	-4.406	-0.0018	-2.5 to 2.5	Pass
				0	3.8	2.646	0.0011	-2.5 to 2.5	Pass	
					10	3.8	-2.632	-0.0011	-2.5 to 2.5	Pass
				30	3.8	-3.347	-0.0013	-2.5 to 2.5	Pass	
	40	3.8	-0.730		-0.0003	-2.5 to 2.5	Pass			
	50	3.8	-0.100	0.0000	-2.5 to 2.5	Pass				
	2593	50	0	20	3.23	-4.606	-0.0018	-2.5 to 2.5	Pass	
					3.8	-0.973	-0.0004	-2.5 to 2.5	Pass	
					4.37	-0.343	-0.0001	-2.5 to 2.5	Pass	
				-30	3.8	-8.354	-0.0032	-2.5 to 2.5	Pass	
					-20	3.8	-6.166	-0.0024	-2.5 to 2.5	Pass
						3.8	-10.757	-0.0041	-2.5 to 2.5	Pass
				0	3.8	-2.375	-0.0009	-2.5 to 2.5	Pass	
					10	3.8	-0.587	-0.0002	-2.5 to 2.5	Pass
				30	3.8	0.243	0.0001	-2.5 to 2.5	Pass	
	40	3.8	-5.121		-0.0020	-2.5 to 2.5	Pass			
	50	3.8	-6.108	-0.0024	-2.5 to 2.5	Pass				
	2685	50	0	20	3.23	-8.011	-0.0030	-2.5 to 2.5	Pass	
					3.8	-1.731	-0.0006	-2.5 to 2.5	Pass	
					4.37	-0.329	-0.0001	-2.5 to 2.5	Pass	
				-30	3.8	-7.367	-0.0027	-2.5 to 2.5	Pass	
					-20	3.8	-2.303	-0.0009	-2.5 to 2.5	Pass
3.8						-1.688	-0.0006	-2.5 to 2.5	Pass	
0				3.8	-6.680	-0.0025	-2.5 to 2.5	Pass		
				10	3.8	-7.524	-0.0028	-2.5 to 2.5	Pass	
30				3.8	-5.679	-0.0021	-2.5 to 2.5	Pass		
	40	3.8	3.977	0.0015	-2.5 to 2.5	Pass				
50	3.8	-5.021	-0.0019	-2.5 to 2.5	Pass					
16QAM	2501	50	0	20	3.23	0.887	0.0004	-2.5 to 2.5	Pass	
					3.8	0.615	0.0002	-2.5 to 2.5	Pass	
					4.37	0.658	0.0003	-2.5 to 2.5	Pass	
				-30	3.8	-1.059	-0.0004	-2.5 to 2.5	Pass	
					-20	3.8	-3.161	-0.0013	-2.5 to 2.5	Pass
				3.8		-2.432	-0.0010	-2.5 to 2.5	Pass	
				0	3.8	-1.087	-0.0004	-2.5 to 2.5	Pass	
10	3.8	3.190	0.0013	-2.5 to 2.5	Pass					

	2593	50	0	30	3.8	-0.229	-0.0001	-2.5 to 2.5	Pass
				40	3.8	1.073	0.0004	-2.5 to 2.5	Pass
				50	3.8	2.718	0.0011	-2.5 to 2.5	Pass
				20	3.23	-2.832	-0.0011	-2.5 to 2.5	Pass
					3.8	-4.549	-0.0018	-2.5 to 2.5	Pass
					4.37	3.161	0.0012	-2.5 to 2.5	Pass
				-30	3.8	-6.595	-0.0025	-2.5 to 2.5	Pass
				-20	3.8	1.073	0.0004	-2.5 to 2.5	Pass
				-10	3.8	-2.675	-0.0010	-2.5 to 2.5	Pass
				0	3.8	-7.167	-0.0028	-2.5 to 2.5	Pass
	10	3.8	-1.559	-0.0006	-2.5 to 2.5	Pass			
	2685	50	0	20	3.23	-3.791	-0.0014	-2.5 to 2.5	Pass
					3.8	-0.944	-0.0004	-2.5 to 2.5	Pass
					4.37	1.516	0.0006	-2.5 to 2.5	Pass
				-30	3.8	0.486	0.0002	-2.5 to 2.5	Pass
				-20	3.8	-1.574	-0.0006	-2.5 to 2.5	Pass
				-10	3.8	-6.580	-0.0025	-2.5 to 2.5	Pass
				0	3.8	-13.475	-0.0050	-2.5 to 2.5	Pass
				10	3.8	-1.574	-0.0006	-2.5 to 2.5	Pass
				30	3.8	5.665	0.0021	-2.5 to 2.5	Pass
40				3.8	-4.106	-0.0015	-2.5 to 2.5	Pass	
50	3.8	-1.431	-0.0005	-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	3.23	0.329	0.0001	-2.5 to 2.5	Pass
					3.8	1.531	0.0006	-2.5 to 2.5	Pass
					4.37	0.429	0.0002	-2.5 to 2.5	Pass
				-30	3.8	-5.450	-0.0022	-2.5 to 2.5	Pass
				-20	3.8	-2.317	-0.0009	-2.5 to 2.5	Pass
				-10	3.8	-6.709	-0.0027	-2.5 to 2.5	Pass
				0	3.8	-0.086	0.0000	-2.5 to 2.5	Pass
				10	3.8	-1.488	-0.0006	-2.5 to 2.5	Pass
				30	3.8	-1.345	-0.0005	-2.5 to 2.5	Pass
				40	3.8	0.272	0.0001	-2.5 to 2.5	Pass
	50	3.8	-5.622	-0.0022	-2.5 to 2.5	Pass			
	2593	75	0	20	3.23	-1.187	-0.0005	-2.5 to 2.5	Pass
					3.8	-3.562	-0.0014	-2.5 to 2.5	Pass
					4.37	-2.575	-0.0010	-2.5 to 2.5	Pass
				-30	3.8	-4.764	-0.0018	-2.5 to 2.5	Pass
				-20	3.8	-2.475	-0.0010	-2.5 to 2.5	Pass
				-10	3.8	-0.572	-0.0002	-2.5 to 2.5	Pass
				0	3.8	-5.651	-0.0022	-2.5 to 2.5	Pass
				10	3.8	-2.718	-0.0010	-2.5 to 2.5	Pass
				30	3.8	-0.629	-0.0002	-2.5 to 2.5	Pass
40				3.8	-4.392	-0.0017	-2.5 to 2.5	Pass	
50	3.8	0.057	0.0000	-2.5 to 2.5	Pass				

	2682.5	75	0	20	3.23	-2.131	-0.0008	-2.5 to 2.5	Pass
					3.8	-9.899	-0.0037	-2.5 to 2.5	Pass
					4.37	-3.276	-0.0012	-2.5 to 2.5	Pass
				-30	3.8	-2.475	-0.0009	-2.5 to 2.5	Pass
					-20	3.8	-5.479	-0.0020	-2.5 to 2.5
				-10	3.8	-5.322	-0.0020	-2.5 to 2.5	Pass
					0	3.8	-3.476	-0.0013	-2.5 to 2.5
				10	3.8	-9.499	-0.0035	-2.5 to 2.5	Pass
				30	3.8	-5.879	-0.0022	-2.5 to 2.5	Pass
				40	3.8	-7.696	-0.0029	-2.5 to 2.5	Pass
50	3.8	-8.984	-0.0033	-2.5 to 2.5	Pass				
16QAM	2503.5	75	0	20	3.23	-2.046	-0.0008	-2.5 to 2.5	Pass
					3.8	1.674	0.0007	-2.5 to 2.5	Pass
					4.37	-2.947	-0.0012	-2.5 to 2.5	Pass
				-30	3.8	2.890	0.0012	-2.5 to 2.5	Pass
					-20	3.8	0.157	0.0001	-2.5 to 2.5
				-10	3.8	-3.548	-0.0014	-2.5 to 2.5	Pass
					0	3.8	0.687	0.0003	-2.5 to 2.5
				10	3.8	-1.502	-0.0006	-2.5 to 2.5	Pass
				30	3.8	2.704	0.0011	-2.5 to 2.5	Pass
				40	3.8	3.290	0.0013	-2.5 to 2.5	Pass
	50	3.8	-1.259	-0.0005	-2.5 to 2.5	Pass			
	2593	75	0	20	3.23	-3.819	-0.0015	-2.5 to 2.5	Pass
					3.8	-4.034	-0.0016	-2.5 to 2.5	Pass
					4.37	-1.087	-0.0004	-2.5 to 2.5	Pass
				-30	3.8	-1.760	-0.0007	-2.5 to 2.5	Pass
					-20	3.8	-2.375	-0.0009	-2.5 to 2.5
				-10	3.8	1.316	0.0005	-2.5 to 2.5	Pass
					0	3.8	0.415	0.0002	-2.5 to 2.5
				10	3.8	3.233	0.0012	-2.5 to 2.5	Pass
				30	3.8	3.190	0.0012	-2.5 to 2.5	Pass
				40	3.8	2.704	0.0010	-2.5 to 2.5	Pass
	50	3.8	-1.945	-0.0008	-2.5 to 2.5	Pass			
	2682.5	75	0	20	3.23	-3.448	-0.0013	-2.5 to 2.5	Pass
					3.8	-7.396	-0.0028	-2.5 to 2.5	Pass
					4.37	-1.631	-0.0006	-2.5 to 2.5	Pass
				-30	3.8	-8.998	-0.0034	-2.5 to 2.5	Pass
					-20	3.8	3.290	0.0012	-2.5 to 2.5
				-10	3.8	0.043	0.0000	-2.5 to 2.5	Pass
0					3.8	-5.980	-0.0022	-2.5 to 2.5	Pass
10				3.8	-3.519	-0.0013	-2.5 to 2.5	Pass	
30				3.8	-0.687	-0.0003	-2.5 to 2.5	Pass	
40				3.8	-4.420	-0.0016	-2.5 to 2.5	Pass	
50	3.8	-4.807	-0.0018	-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	3.23	-3.777	-0.0015	-2.5 to 2.5	Pass
					3.8	-5.050	-0.0020	-2.5 to 2.5	Pass
					4.37	-0.901	-0.0004	-2.5 to 2.5	Pass

				-30	3.8	-1.702	-0.0007	-2.5 to 2.5	Pass			
				-20	3.8	2.775	0.0011	-2.5 to 2.5	Pass			
				-10	3.8	0.644	0.0003	-2.5 to 2.5	Pass			
				0	3.8	0.973	0.0004	-2.5 to 2.5	Pass			
				10	3.8	-1.917	-0.0008	-2.5 to 2.5	Pass			
				30	3.8	-3.433	-0.0014	-2.5 to 2.5	Pass			
				40	3.8	-1.416	-0.0006	-2.5 to 2.5	Pass			
	50	3.8	-3.290	-0.0013	-2.5 to 2.5	Pass						
	2593	100	0	20	3.23	0.143	0.0001	-2.5 to 2.5	Pass			
					3.8	-1.917	-0.0007	-2.5 to 2.5	Pass			
					4.37	-8.297	-0.0032	-2.5 to 2.5	Pass			
				-30	3.8	-4.363	-0.0017	-2.5 to 2.5	Pass			
				-20	3.8	-2.761	-0.0011	-2.5 to 2.5	Pass			
				-10	3.8	-5.751	-0.0022	-2.5 to 2.5	Pass			
				0	3.8	-0.587	-0.0002	-2.5 to 2.5	Pass			
				10	3.8	0.944	0.0004	-2.5 to 2.5	Pass			
				30	3.8	-4.764	-0.0018	-2.5 to 2.5	Pass			
				40	3.8	-1.388	-0.0005	-2.5 to 2.5	Pass			
				50	3.8	2.146	0.0008	-2.5 to 2.5	Pass			
				2680	100	0	20	3.23	3.104	0.0012	-2.5 to 2.5	Pass
								3.8	2.861	0.0011	-2.5 to 2.5	Pass
	4.37	-5.436	-0.0020					-2.5 to 2.5	Pass			
	-30	3.8	-3.047				-0.0011	-2.5 to 2.5	Pass			
	-20	3.8	-2.289				-0.0009	-2.5 to 2.5	Pass			
	-10	3.8	0.257				0.0001	-2.5 to 2.5	Pass			
	0	3.8	-1.817				-0.0007	-2.5 to 2.5	Pass			
	10	3.8	-1.316				-0.0005	-2.5 to 2.5	Pass			
30	3.8	-1.631	-0.0006				-2.5 to 2.5	Pass				
40	3.8	2.732	0.0010				-2.5 to 2.5	Pass				
50	3.8	3.090	0.0012	-2.5 to 2.5	Pass							
16QAM	2506	100	0	20	3.23	-0.329	-0.0001	-2.5 to 2.5	Pass			
					3.8	-3.090	-0.0012	-2.5 to 2.5	Pass			
					4.37	-4.535	-0.0018	-2.5 to 2.5	Pass			
				-30	3.8	-0.987	-0.0004	-2.5 to 2.5	Pass			
				-20	3.8	3.691	0.0015	-2.5 to 2.5	Pass			
				-10	3.8	-4.978	-0.0020	-2.5 to 2.5	Pass			
				0	3.8	0.730	0.0003	-2.5 to 2.5	Pass			
				10	3.8	-3.505	-0.0014	-2.5 to 2.5	Pass			
				30	3.8	-0.043	0.0000	-2.5 to 2.5	Pass			
				40	3.8	-2.789	-0.0011	-2.5 to 2.5	Pass			
				50	3.8	-2.217	-0.0009	-2.5 to 2.5	Pass			
				2593	100	0	20	3.23	-1.459	-0.0006	-2.5 to 2.5	Pass
								3.8	-9.785	-0.0038	-2.5 to 2.5	Pass
	4.37	-1.616	-0.0006					-2.5 to 2.5	Pass			
	-30	3.8	-2.031				-0.0008	-2.5 to 2.5	Pass			
	-20	3.8	4.334				0.0017	-2.5 to 2.5	Pass			
	-10	3.8	-5.379				-0.0021	-2.5 to 2.5	Pass			
	0	3.8	-6.394				-0.0025	-2.5 to 2.5	Pass			
	10	3.8	-0.515				-0.0002	-2.5 to 2.5	Pass			
	30	3.8	-6.824				-0.0026	-2.5 to 2.5	Pass			
	40	3.8	-2.661				-0.0010	-2.5 to 2.5	Pass			
	50	3.8	-1.402	-0.0005	-2.5 to 2.5	Pass						
	2680	100	0	20	3.23	-3.319	-0.0012	-2.5 to 2.5	Pass			
					3.8	-4.148	-0.0015	-2.5 to 2.5	Pass			
					4.37	-1.230	-0.0005	-2.5 to 2.5	Pass			
				-30	3.8	-1.774	-0.0007	-2.5 to 2.5	Pass			
	-20	3.8	-1.402	-0.0005	-2.5 to 2.5	Pass						

				-10	3.8	6.108	0.0023	-2.5 to 2.5	Pass
				0	3.8	-5.522	-0.0021	-2.5 to 2.5	Pass
				10	3.8	-1.860	-0.0007	-2.5 to 2.5	Pass
				30	3.8	-4.692	-0.0018	-2.5 to 2.5	Pass
				40	3.8	-4.978	-0.0019	-2.5 to 2.5	Pass
				50	3.8	-4.535	-0.0017	-2.5 to 2.5	Pass

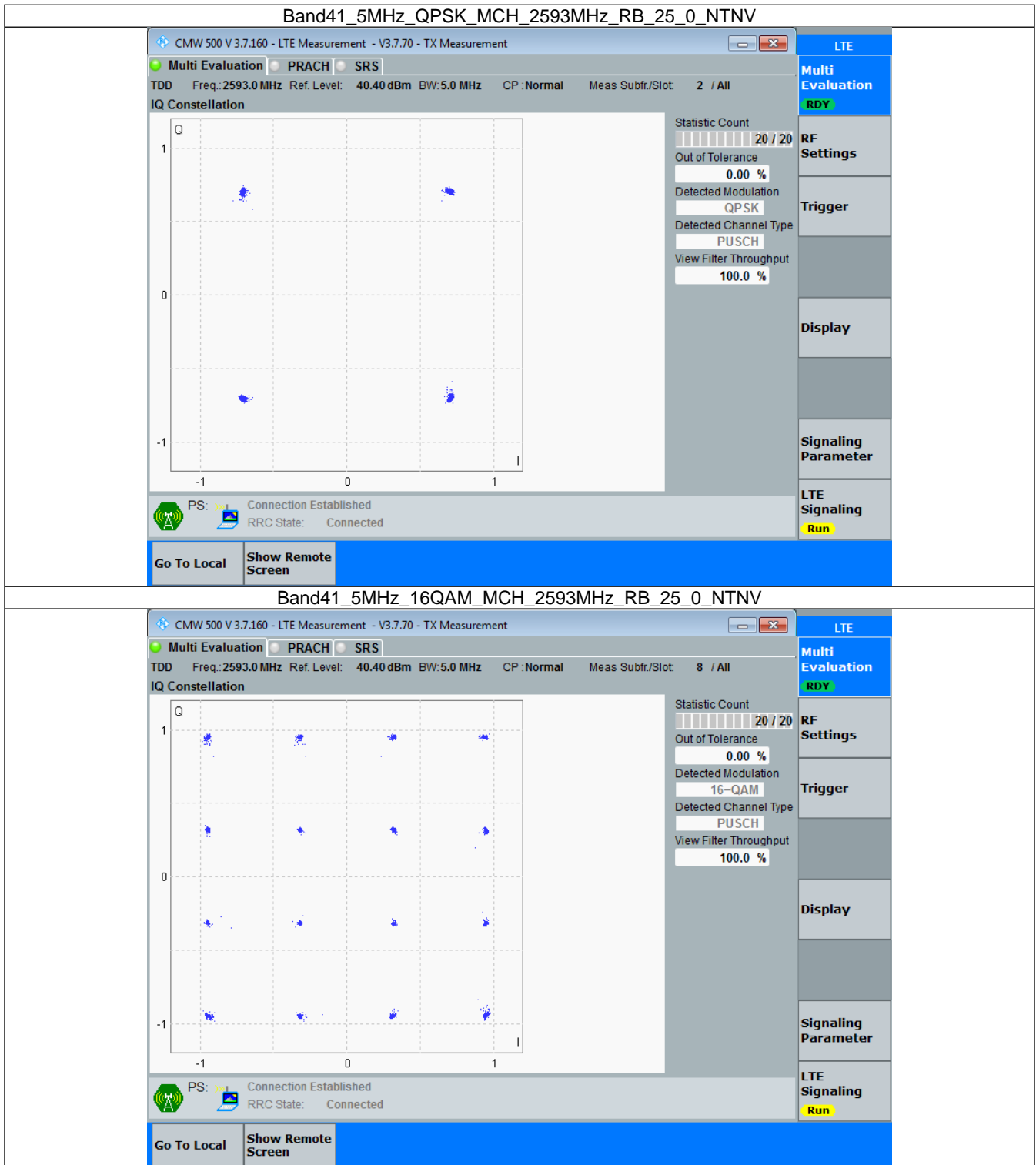
3. Modulation Characteristics

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

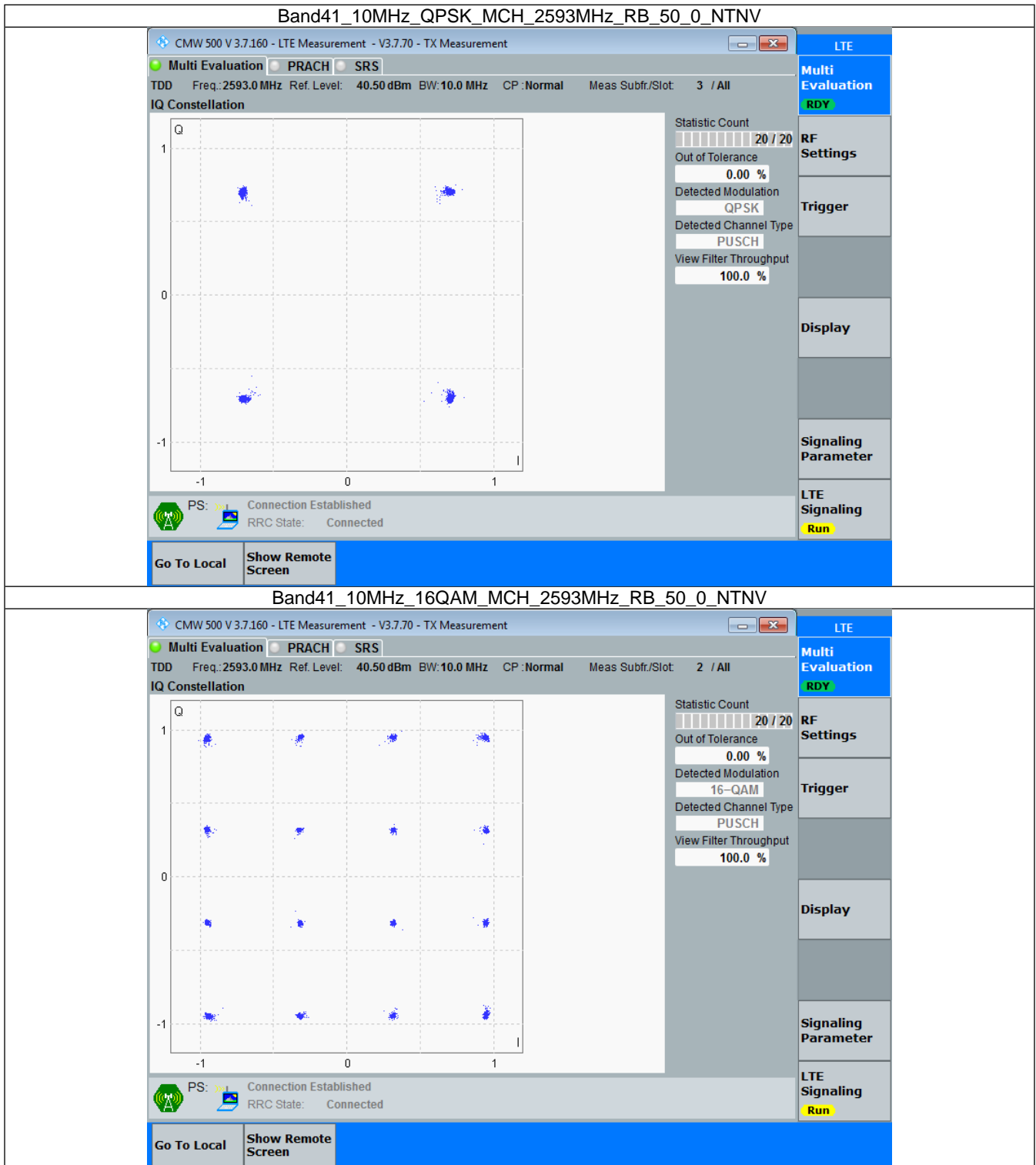


3.2 B41_10MHz

3.2.1 Test Result

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

3.2.2 Test Graph

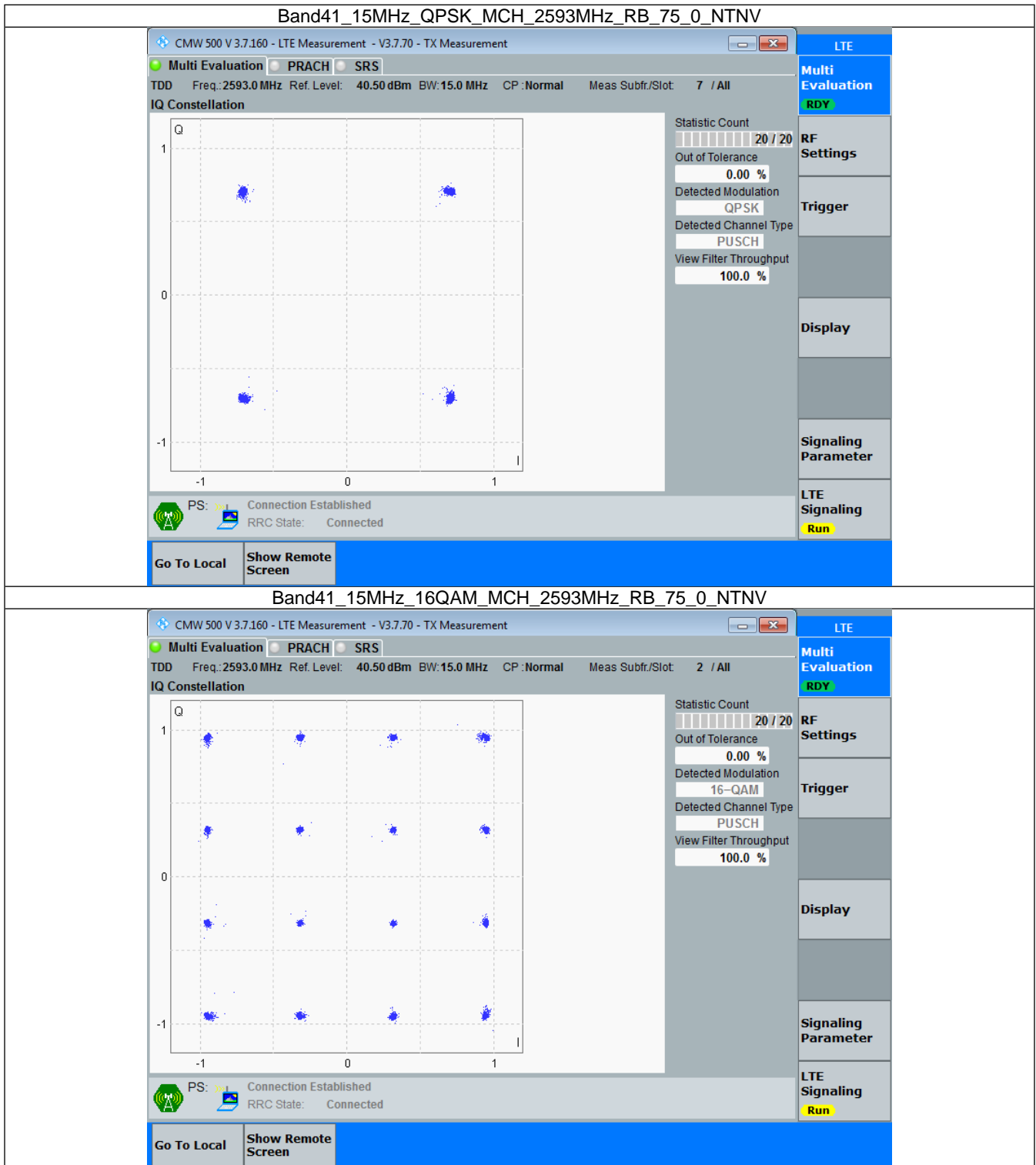


3.3 B41_15MHz

3.3.1 Test Result

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

3.3.2 Test Graph

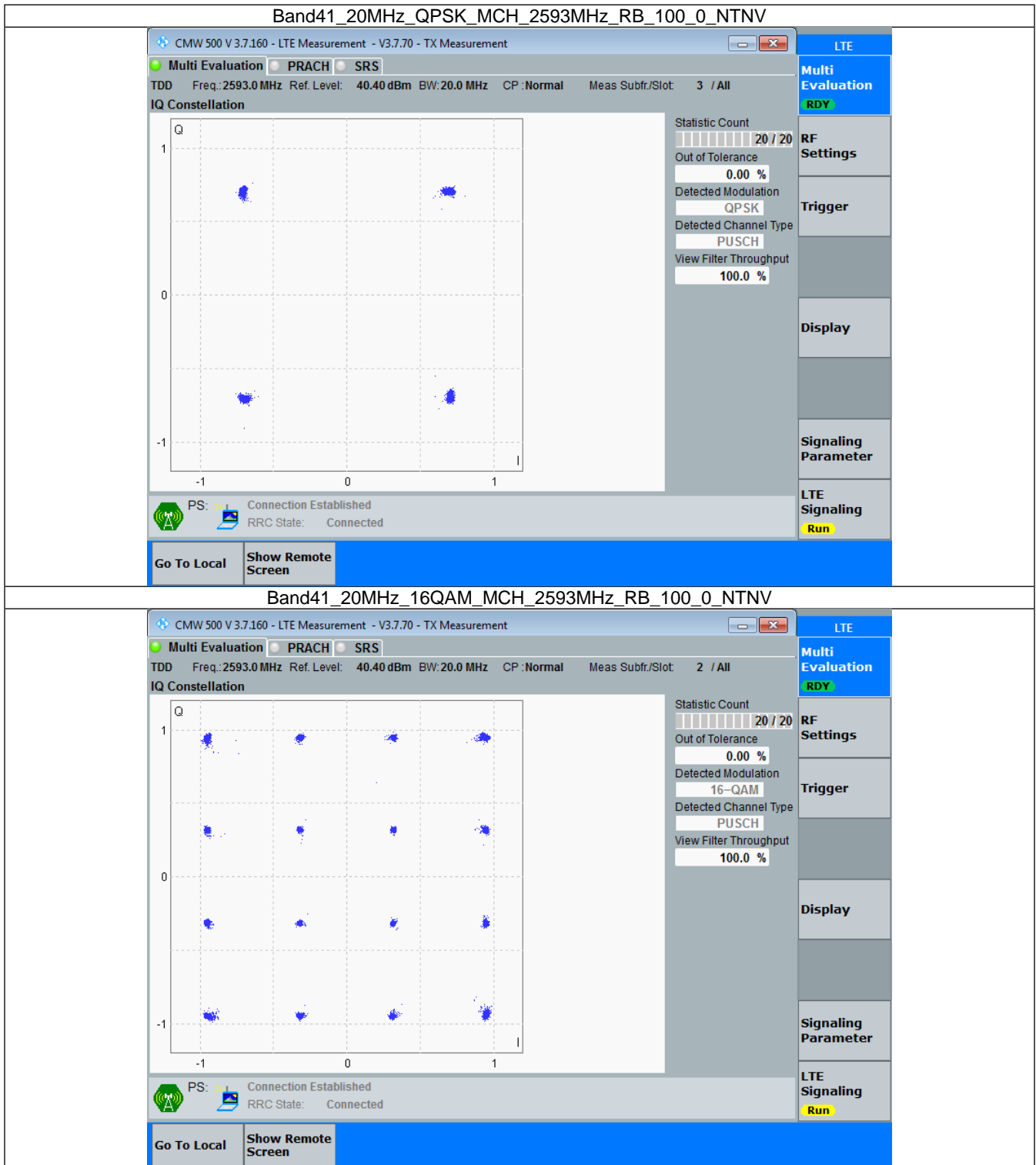


3.4 B41_20MHz

3.4.1 Test Result

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

3.4.2 Test Graph



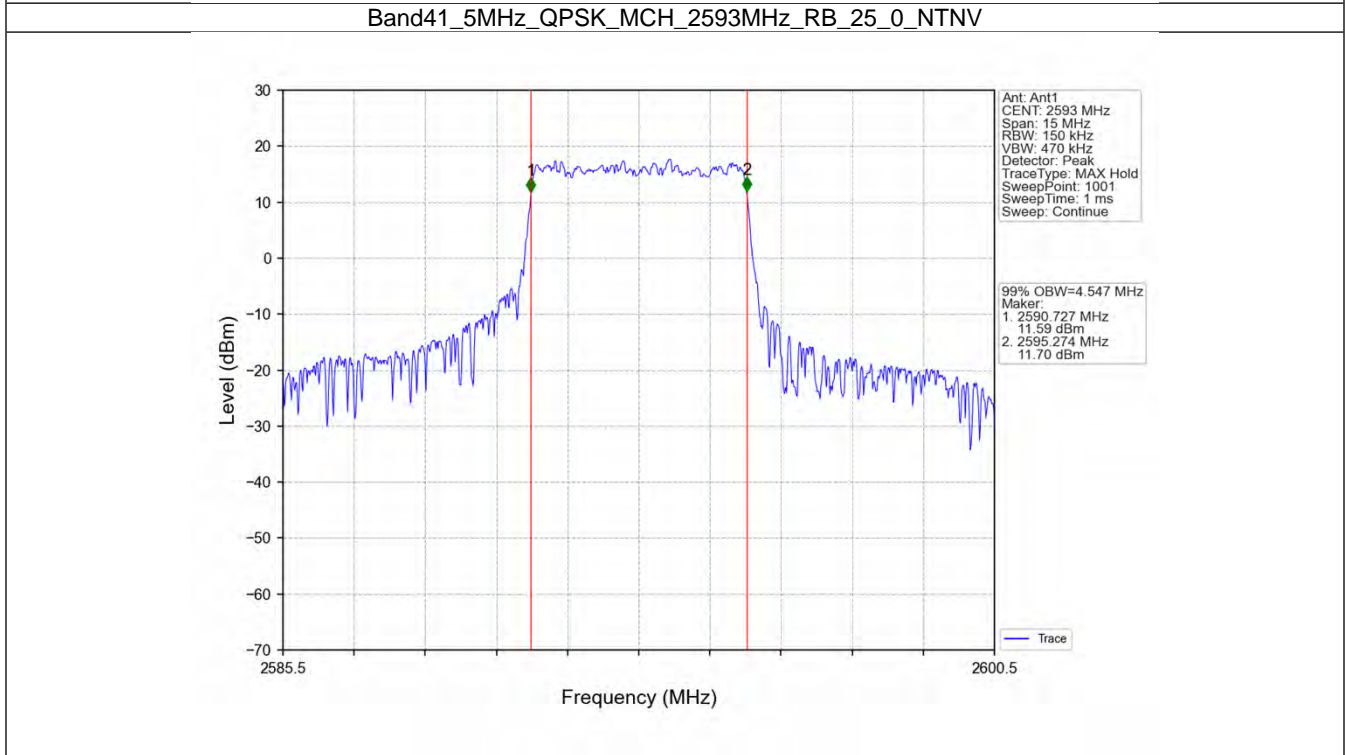
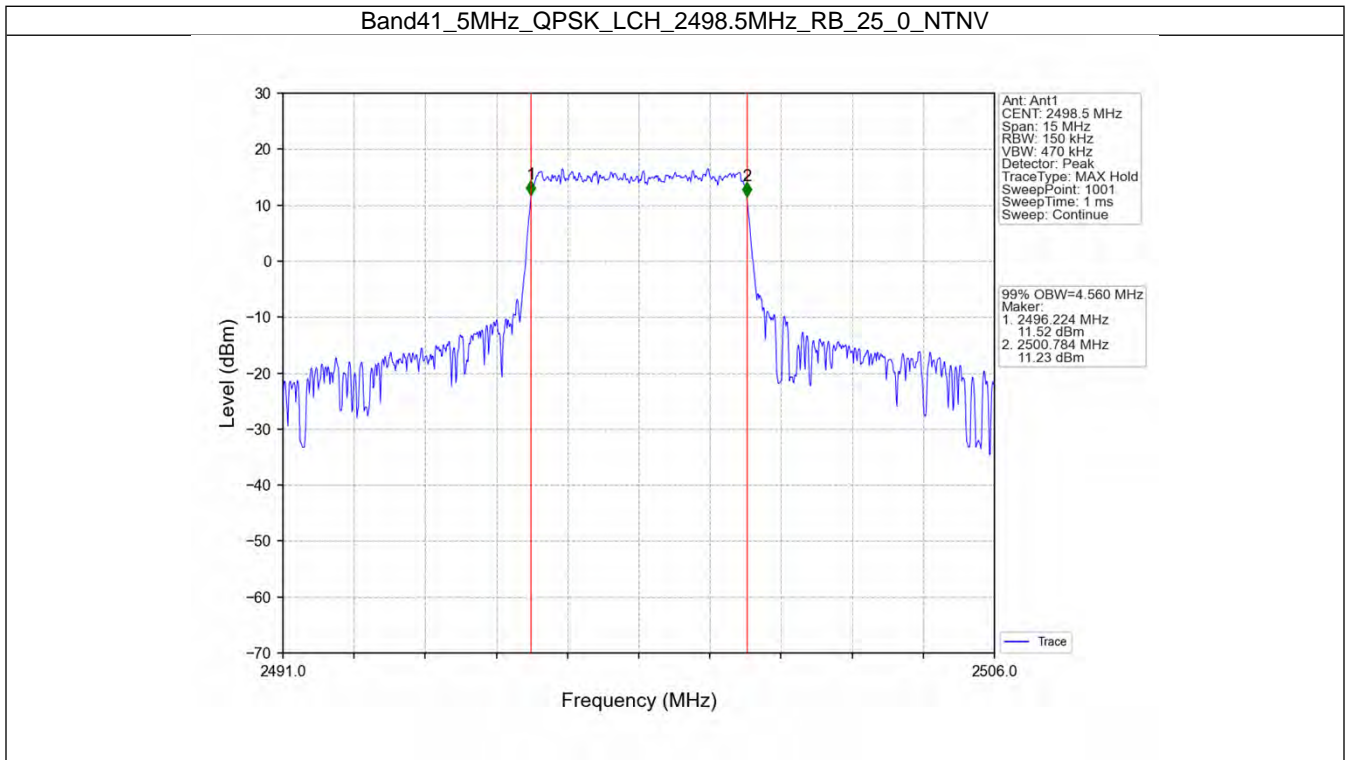
4. 99% & 26dB Bandwidth

4.1 Band41_OBW

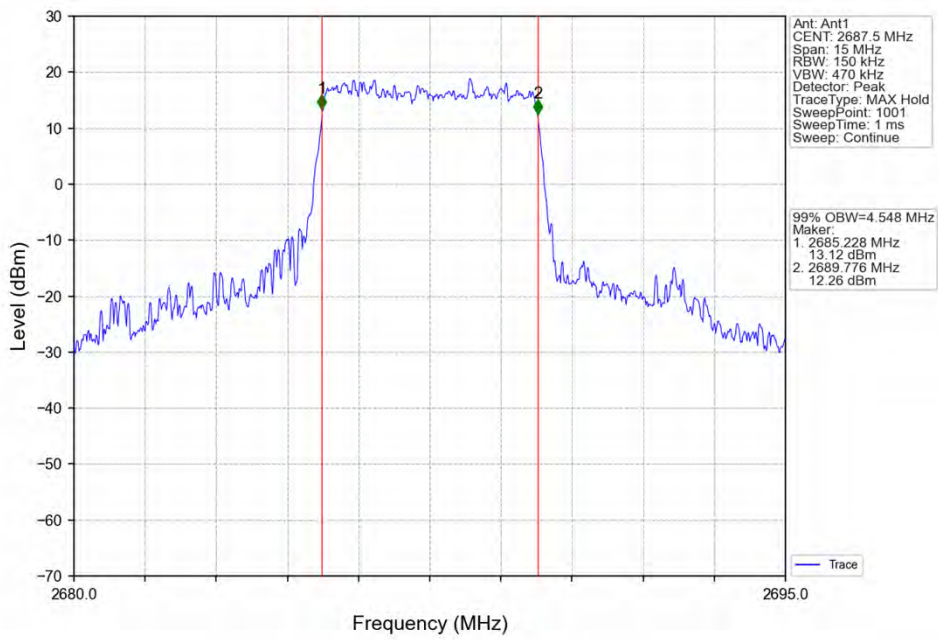
4.1.1 Test Result

Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	4.560	Pass
		2593	25	0	4.547	Pass
		2687.5	25	0	4.548	Pass
	16QAM	2498.5	25	0	4.556	Pass
		2593	25	0	4.531	Pass
		2687.5	25	0	4.540	Pass
10	QPSK	2501	50	0	9.025	Pass
		2593	50	0	9.085	Pass
		2685	50	0	9.069	Pass
	16QAM	2501	50	0	9.058	Pass
		2593	50	0	9.057	Pass
		2685	50	0	9.087	Pass
15	QPSK	2503.5	75	0	13.603	Pass
		2593	75	0	13.577	Pass
		2682.5	75	0	13.579	Pass
	16QAM	2503.5	75	0	13.631	Pass
		2593	75	0	13.631	Pass
		2682.5	75	0	13.639	Pass
20	QPSK	2506	100	0	18.052	Pass
		2593	100	0	18.085	Pass
		2680	100	0	18.137	Pass
	16QAM	2506	100	0	18.095	Pass
		2593	100	0	18.107	Pass
		2680	100	0	18.108	Pass

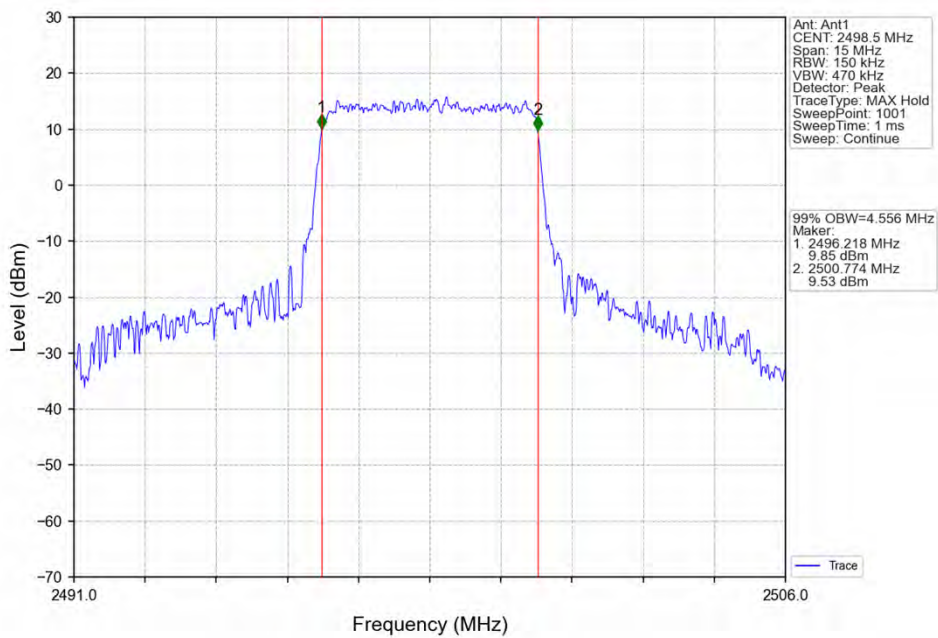
4.1.2 Test Graph



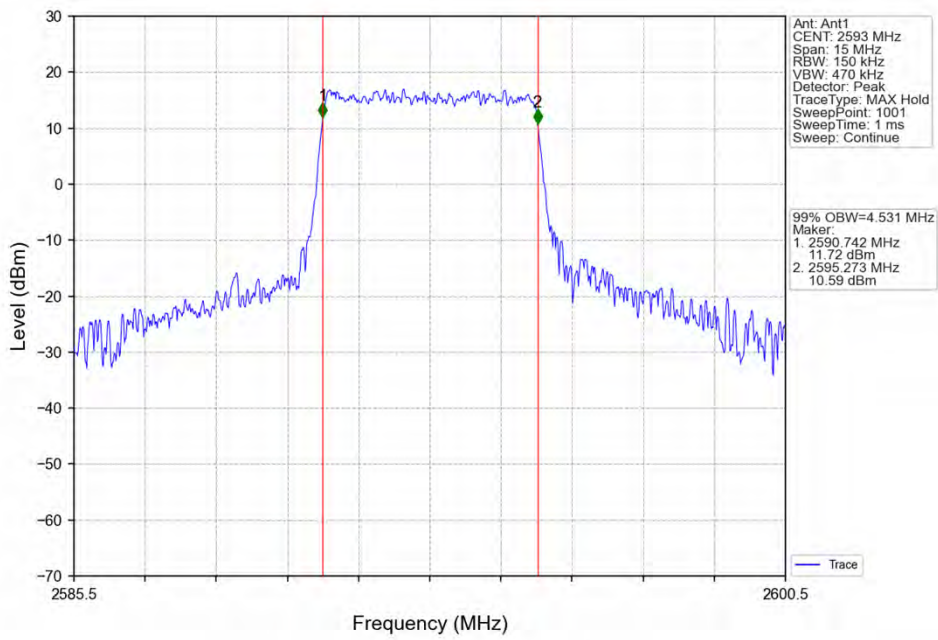
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



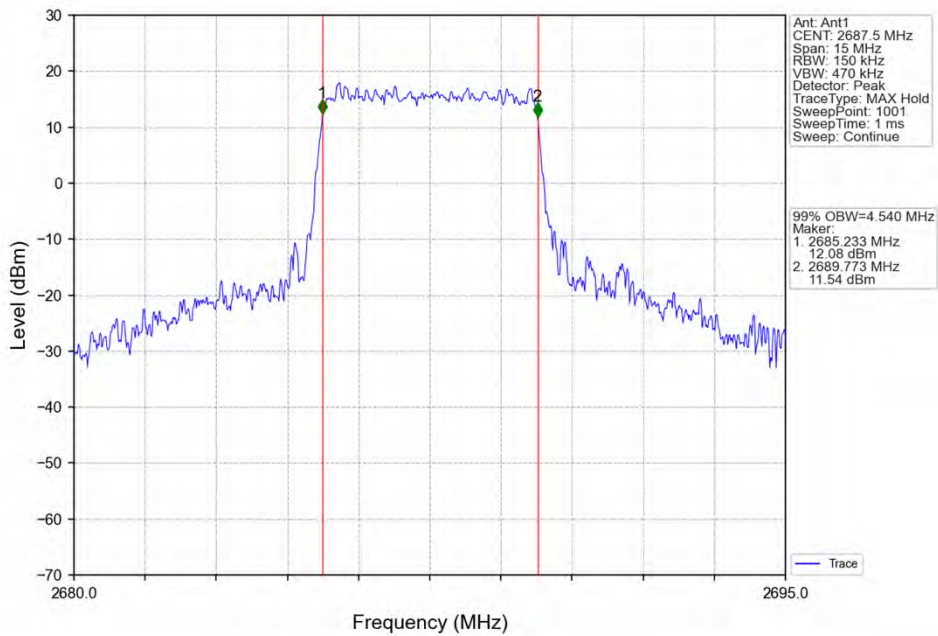
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



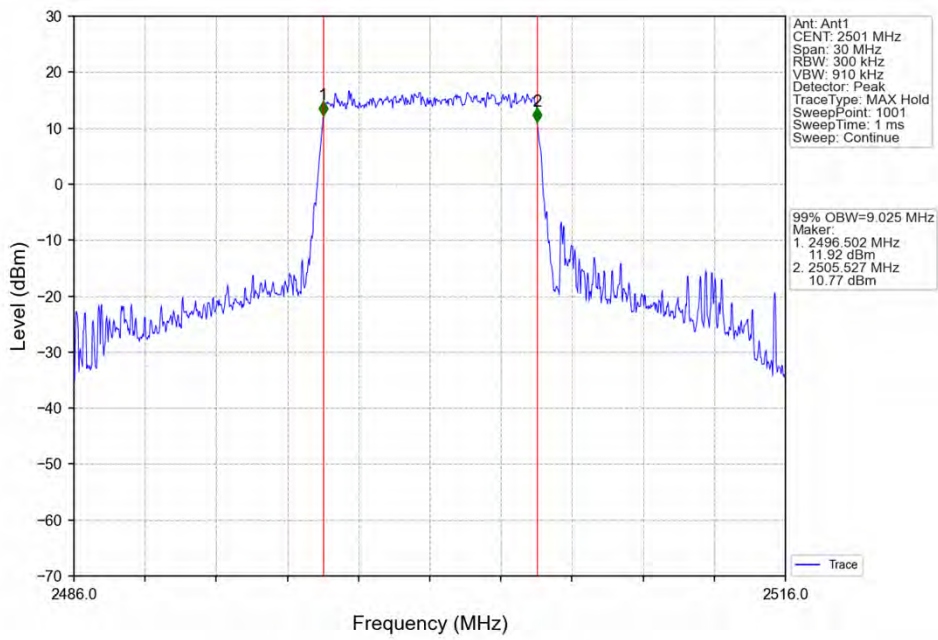
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



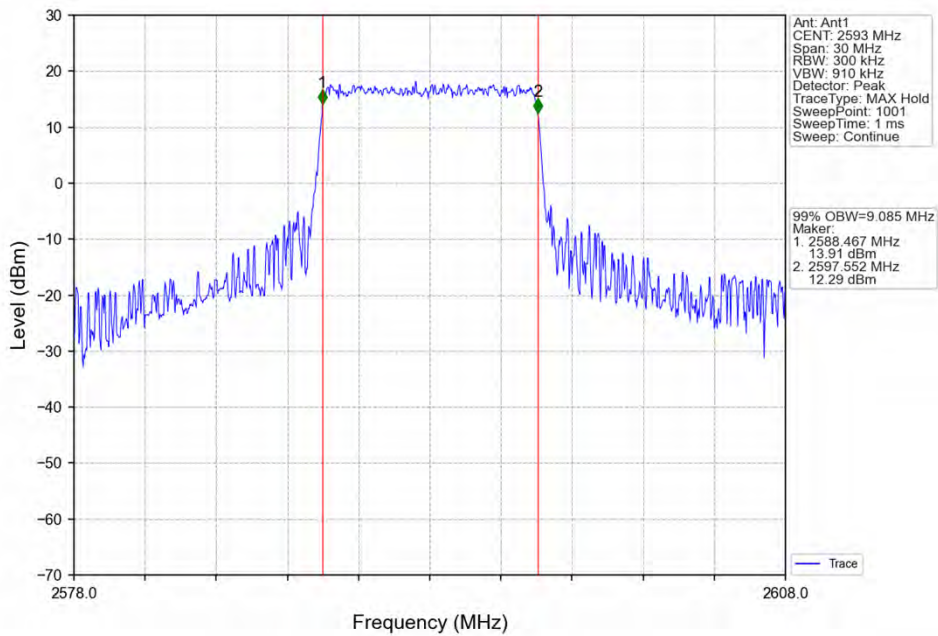
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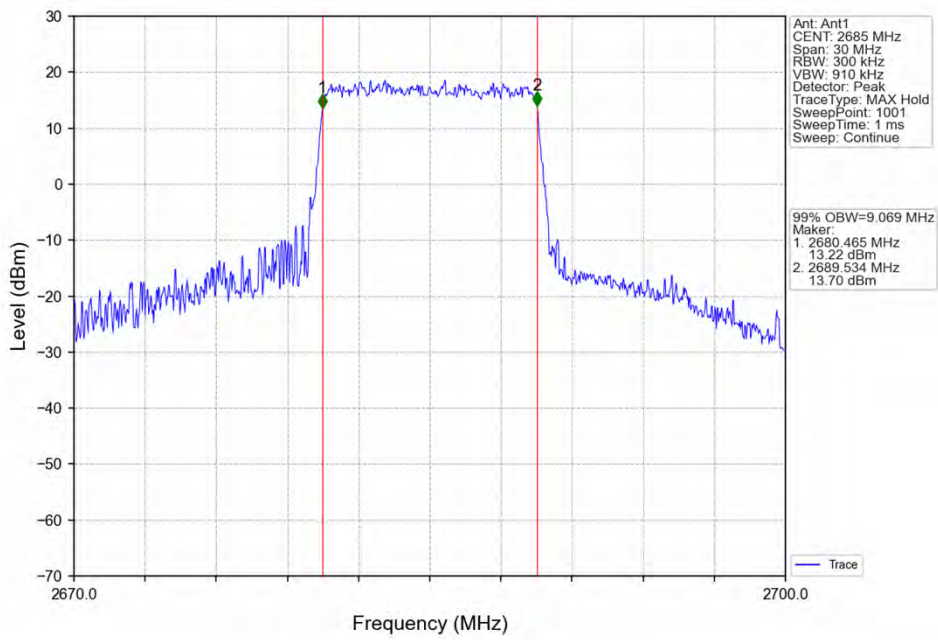
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



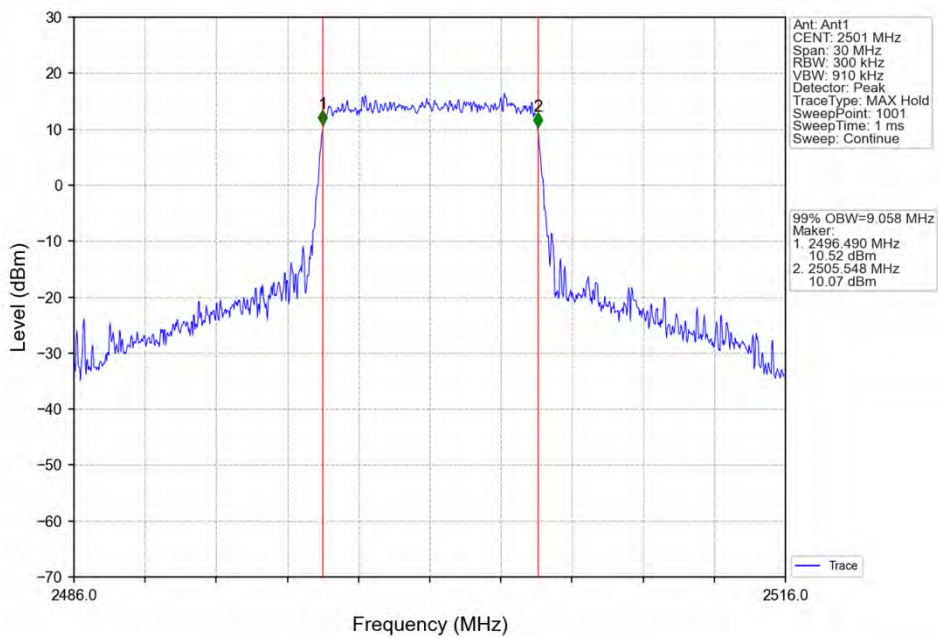
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



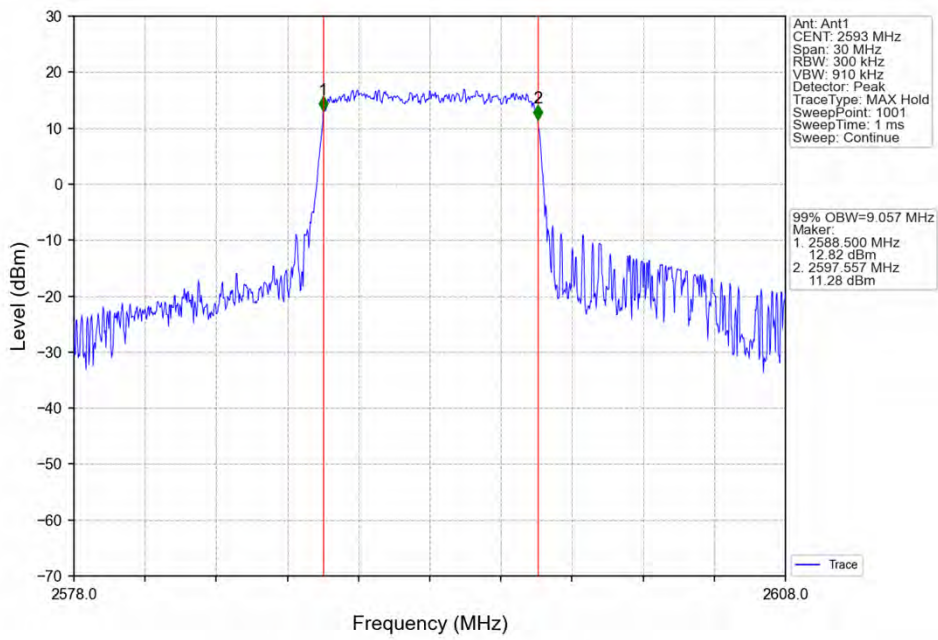
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



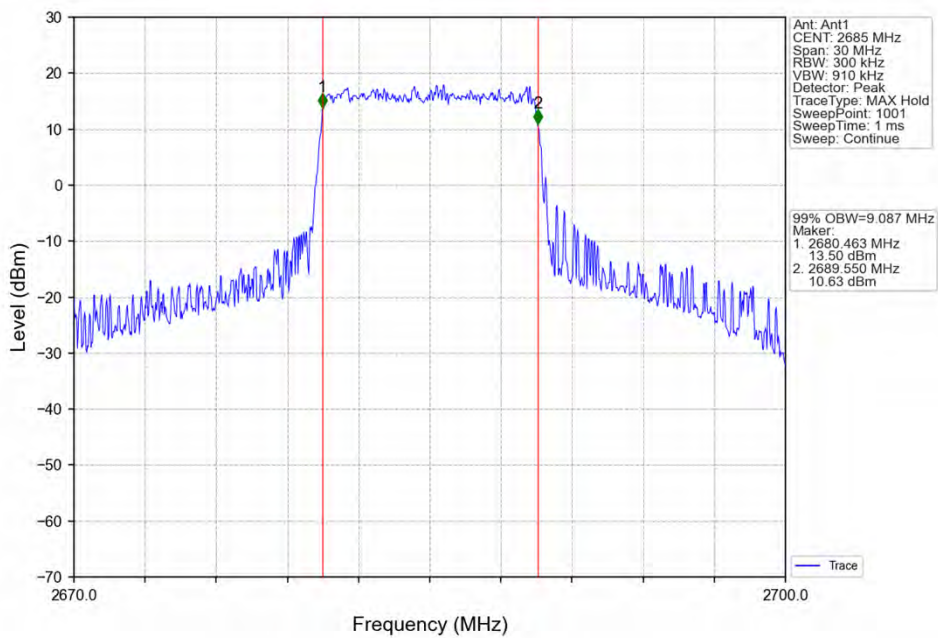
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



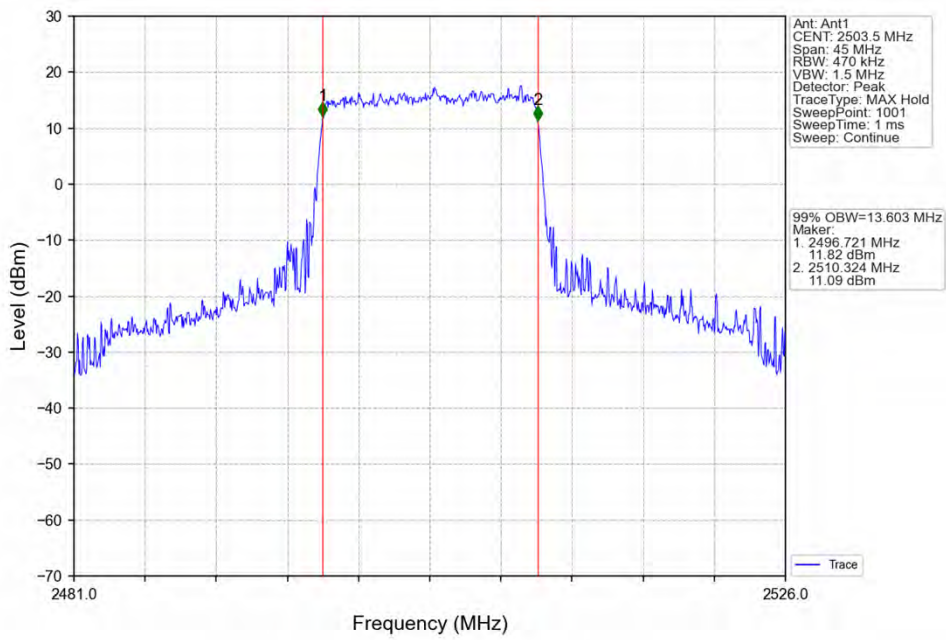
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



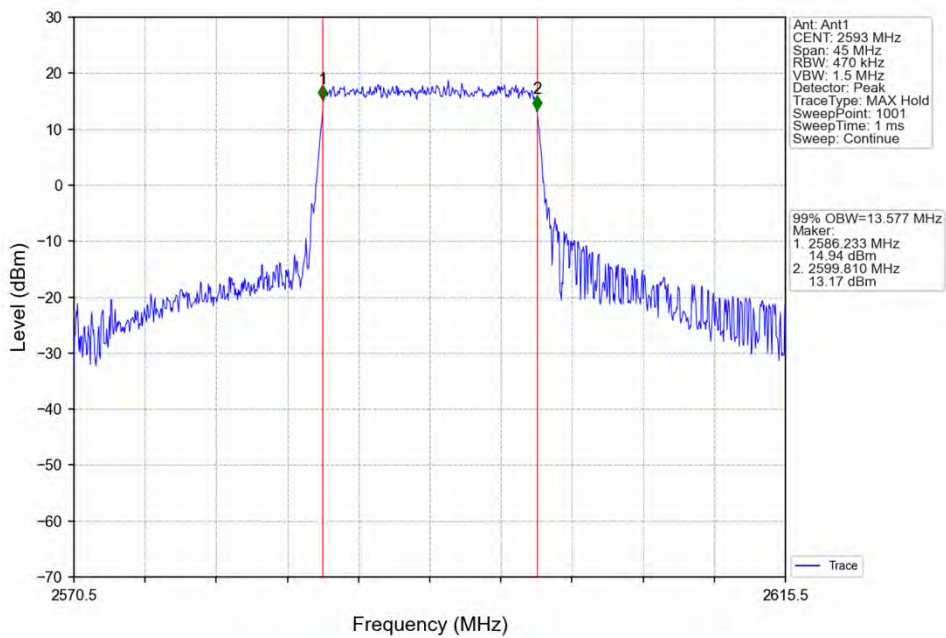
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



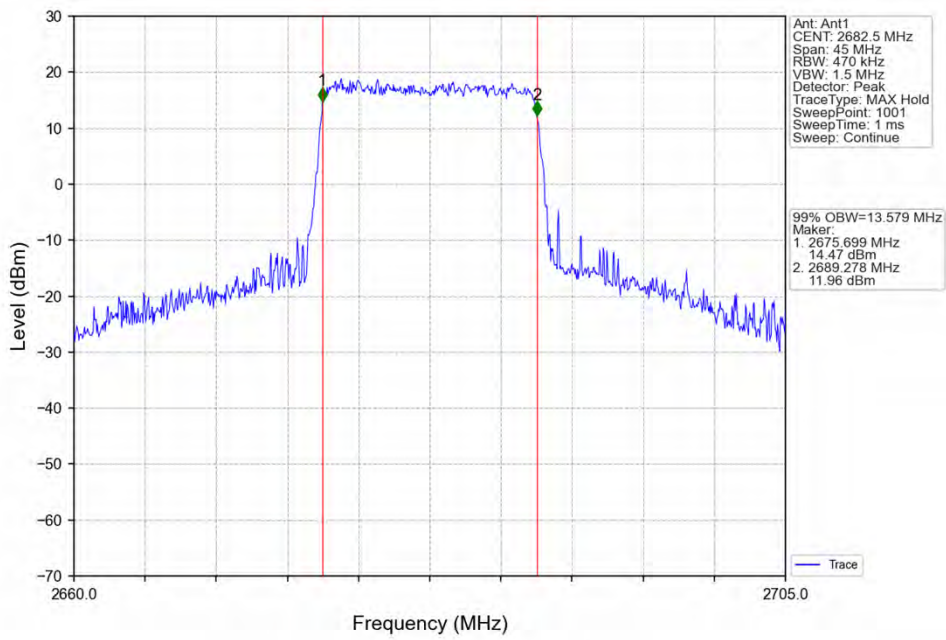
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



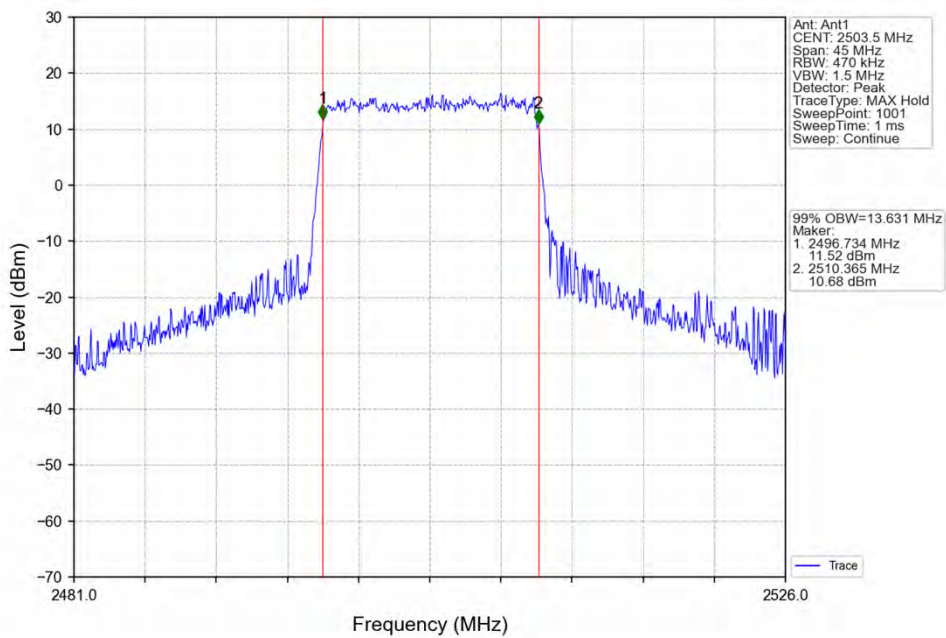
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



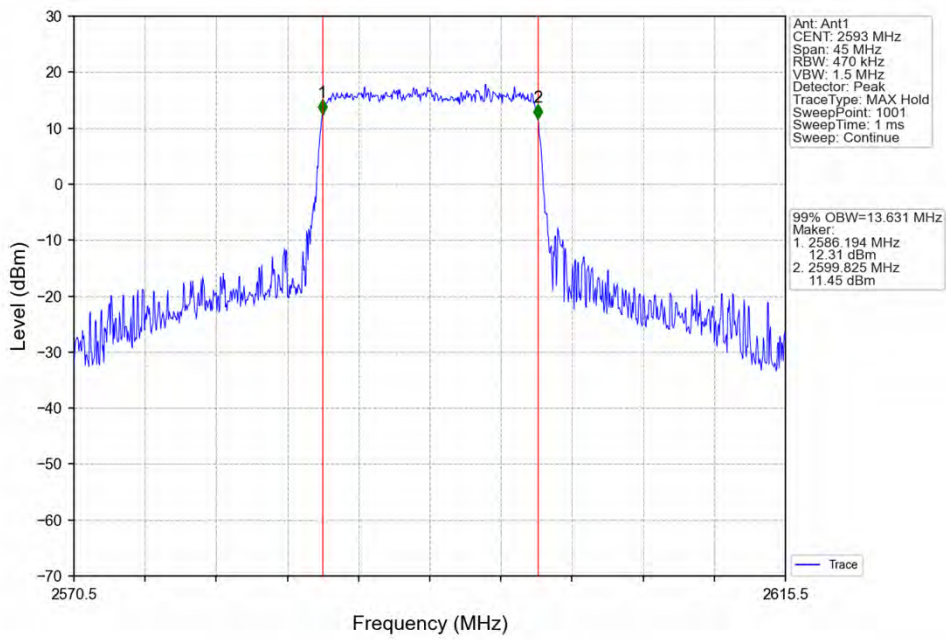
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



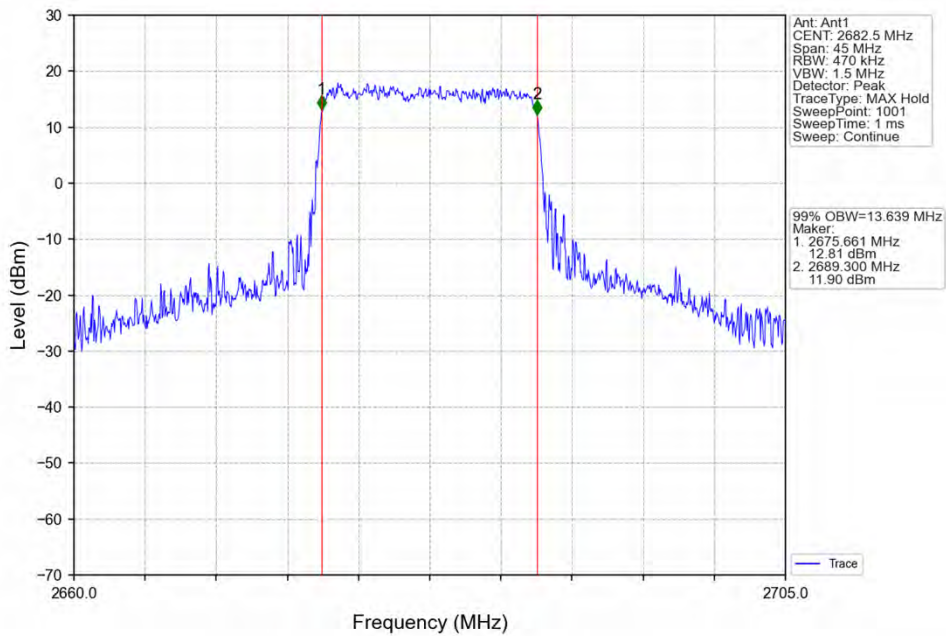
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



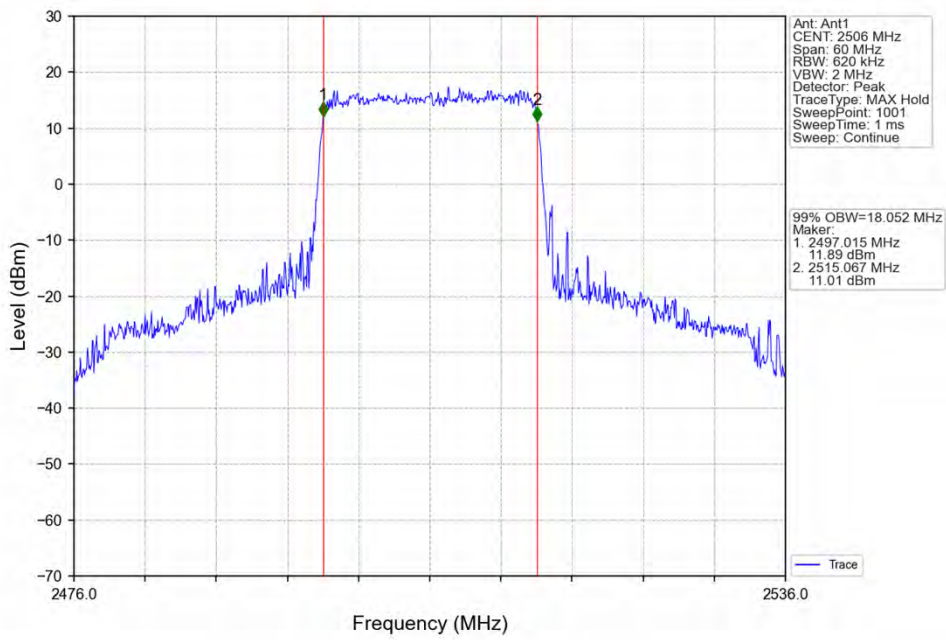
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



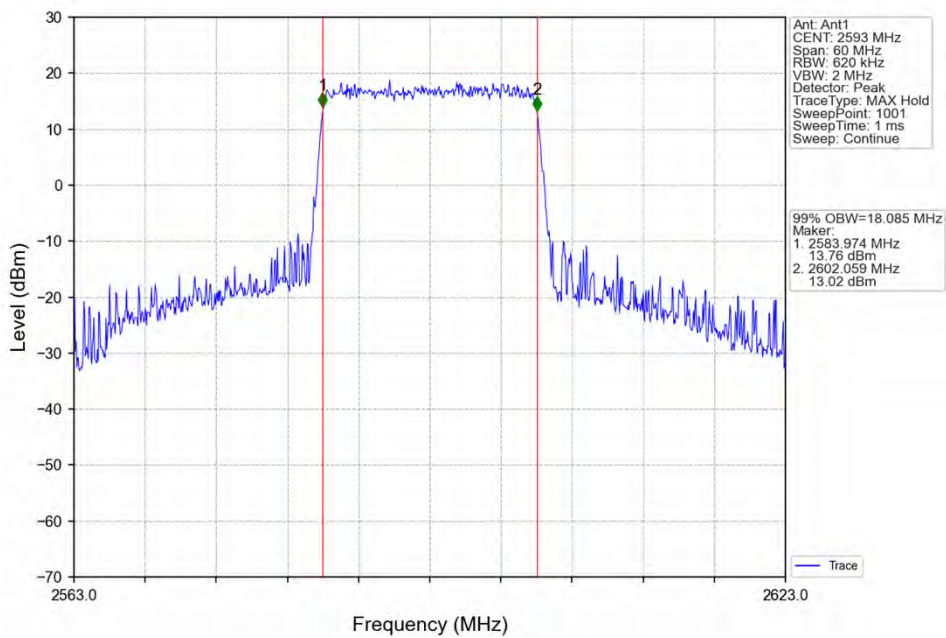
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



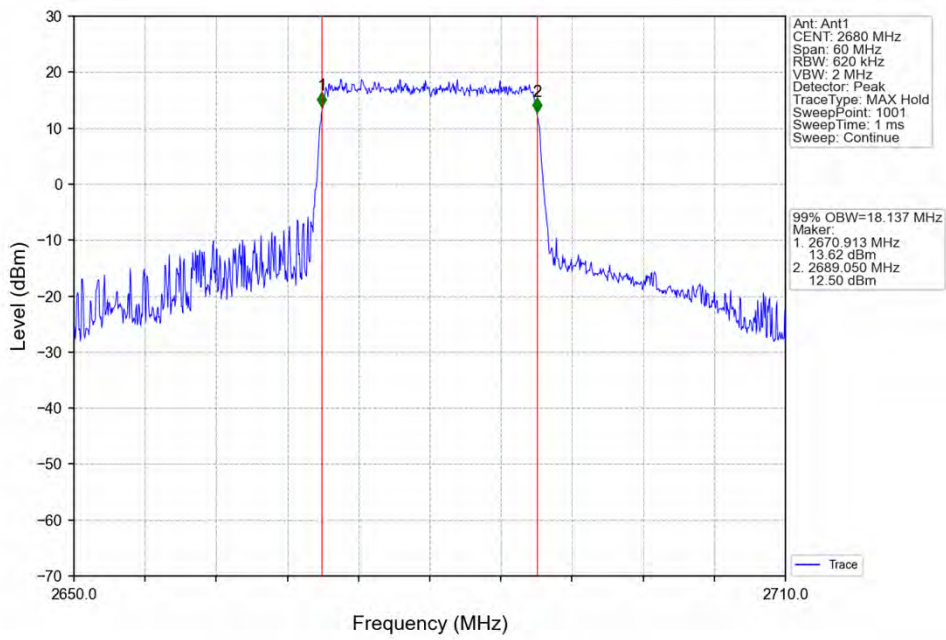
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



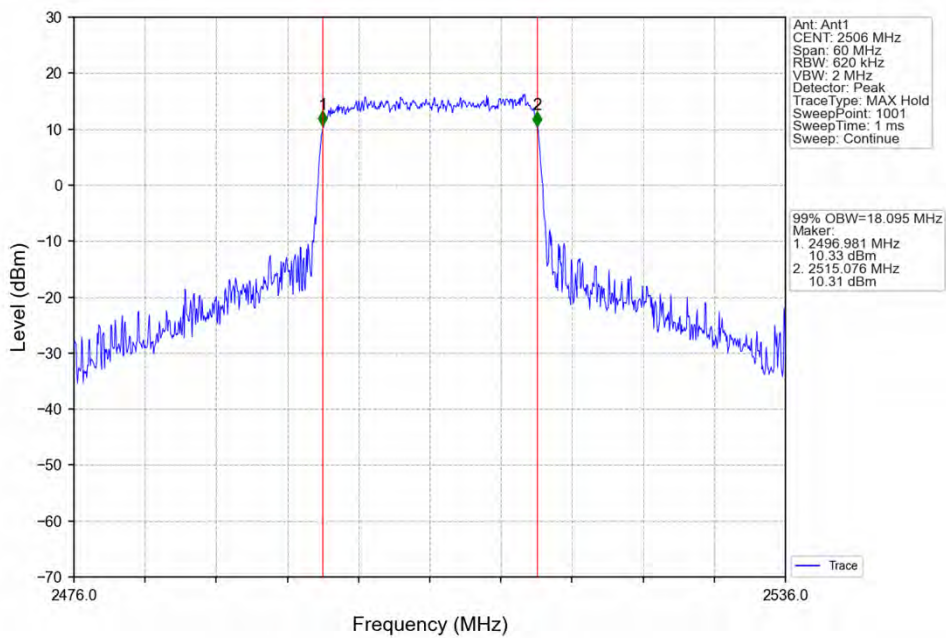
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



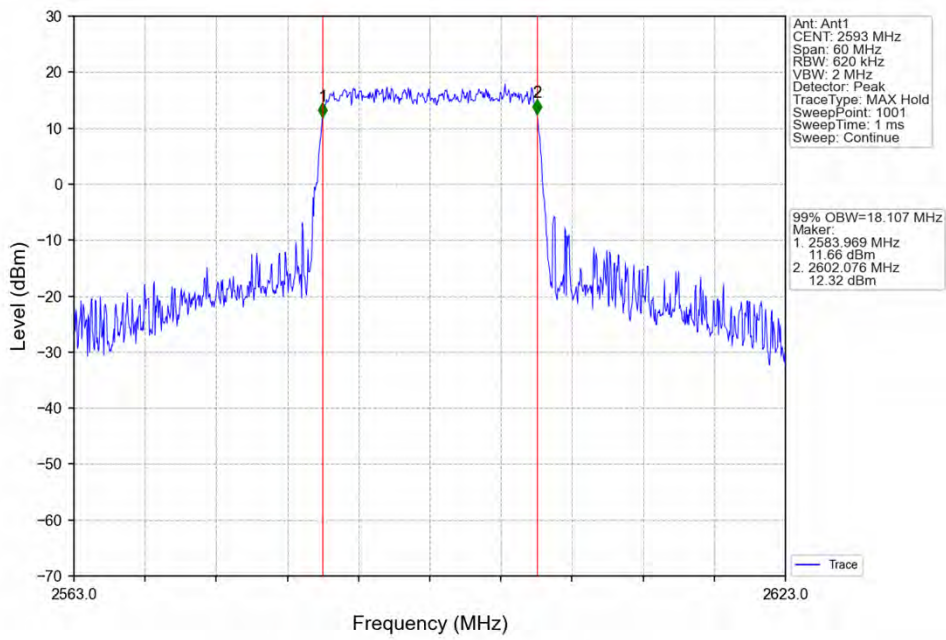
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



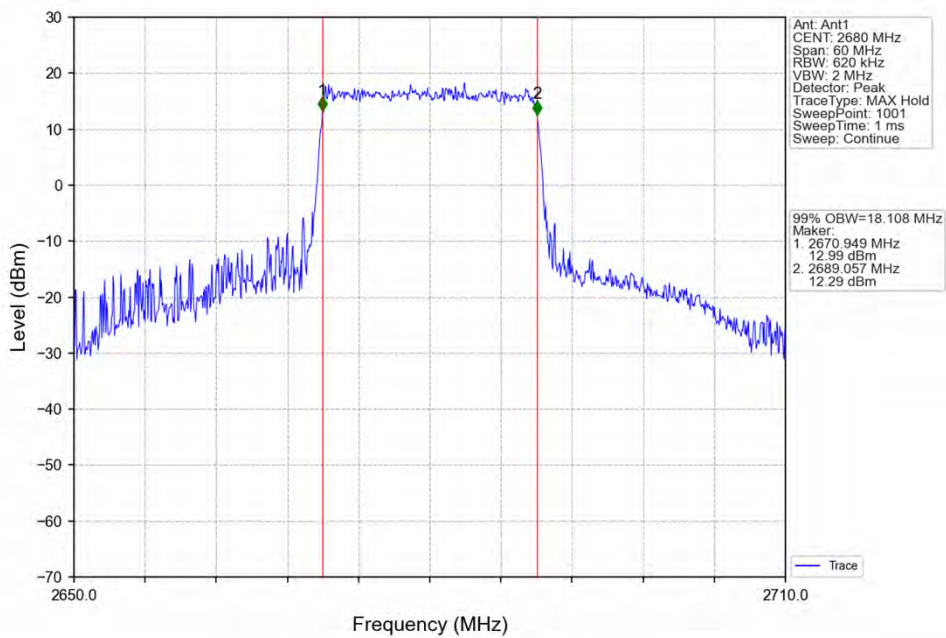
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV

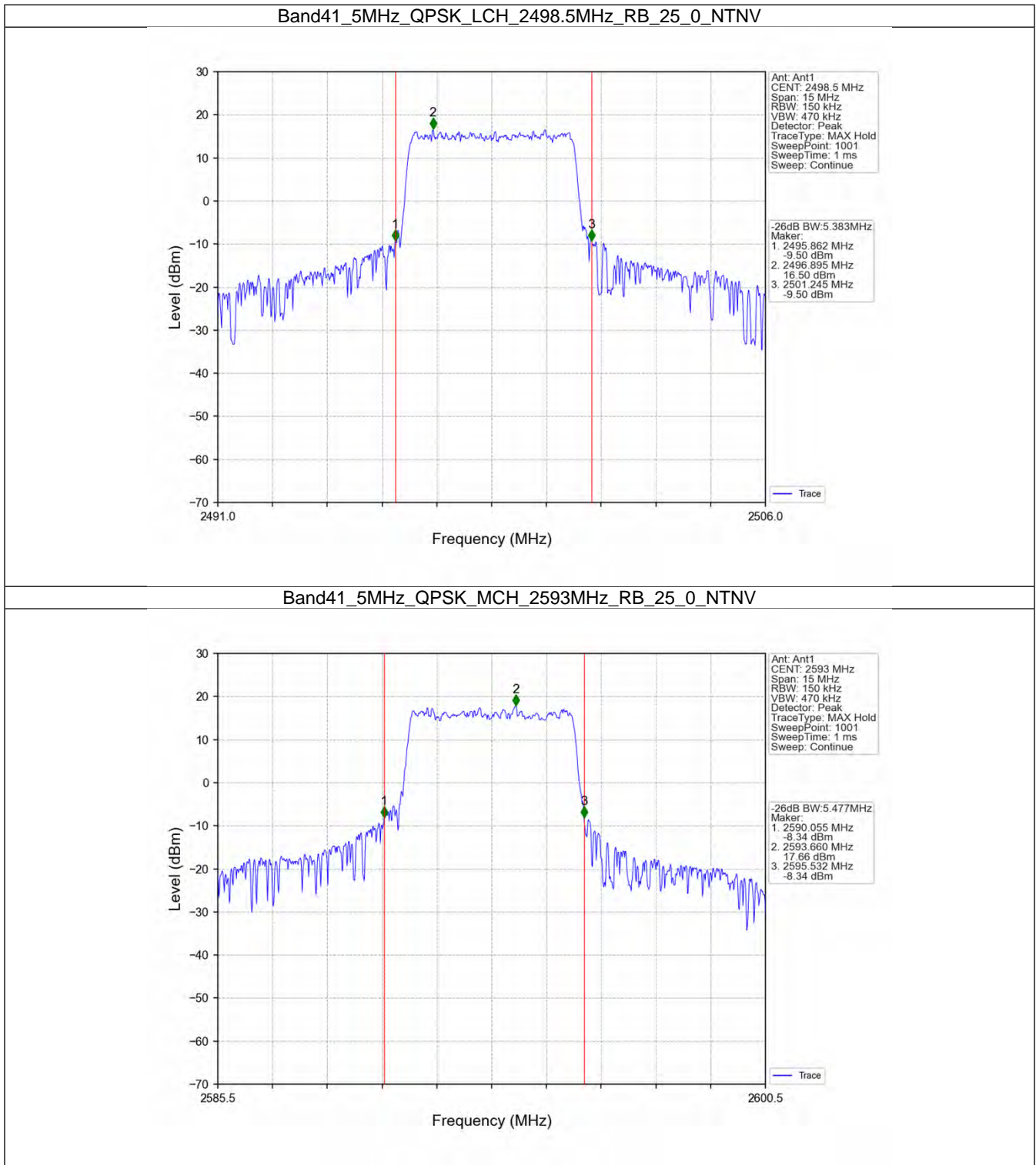


4.2 Band41_XDB

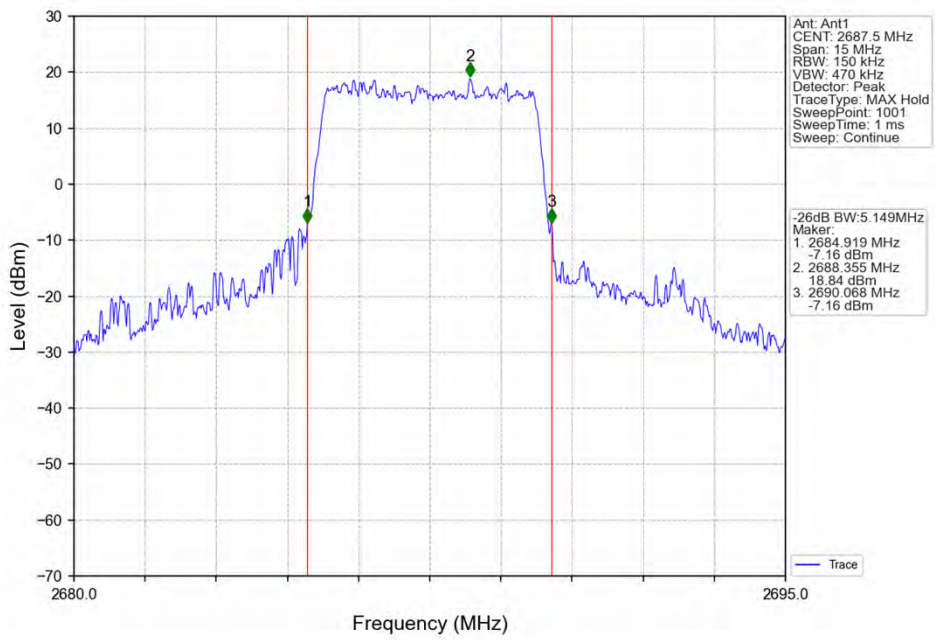
4.2.1 Test Result

Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	5.383	Pass
		2593	25	0	5.477	Pass
		2687.5	25	0	5.149	Pass
	16QAM	2498.5	25	0	5.157	Pass
		2593	25	0	5.156	Pass
		2687.5	25	0	5.056	Pass
10	QPSK	2501	50	0	10.665	Pass
		2593	50	0	12.902	Pass
		2685	50	0	10.648	Pass
	16QAM	2501	50	0	10.108	Pass
		2593	50	0	11.195	Pass
		2685	50	0	11.292	Pass
15	QPSK	2503.5	75	0	15.644	Pass
		2593	75	0	15.587	Pass
		2682.5	75	0	15.642	Pass
	16QAM	2503.5	75	0	15.270	Pass
		2593	75	0	15.769	Pass
		2682.5	75	0	16.150	Pass
20	QPSK	2506	100	0	21.433	Pass
		2593	100	0	19.737	Pass
		2680	100	0	21.077	Pass
	16QAM	2506	100	0	20.048	Pass
		2593	100	0	22.180	Pass
		2680	100	0	21.305	Pass

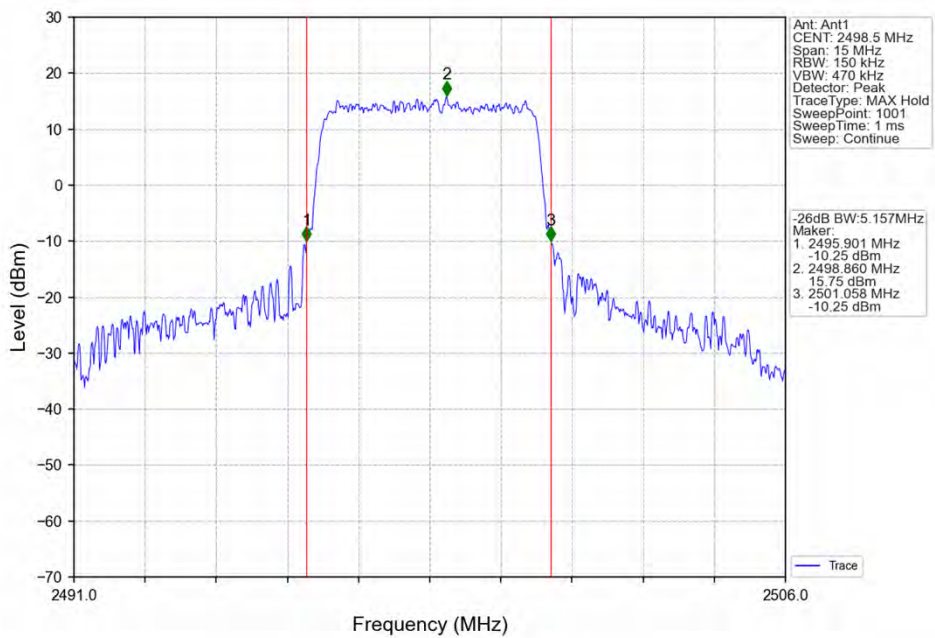
4.2.2 Test Graph



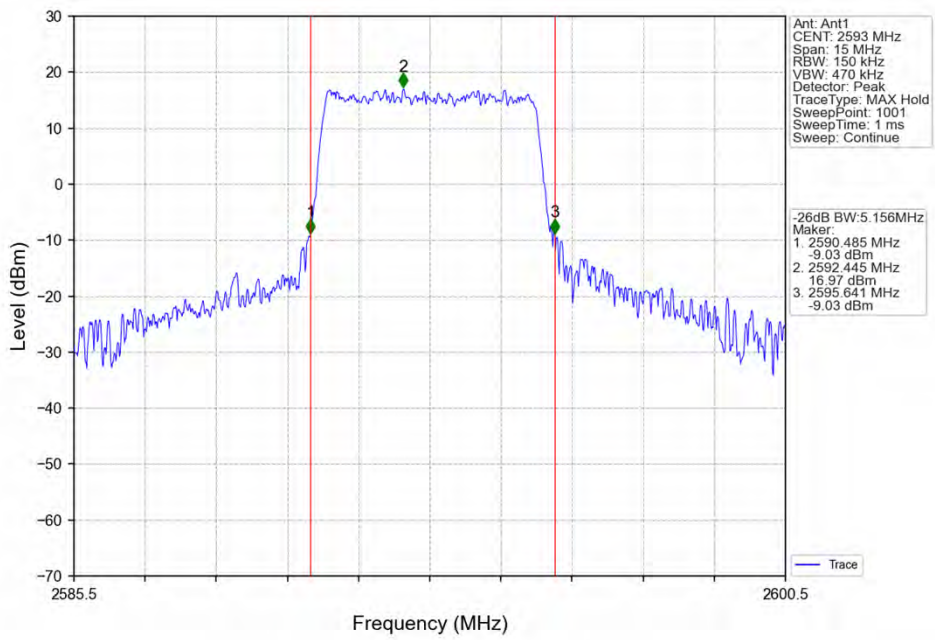
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



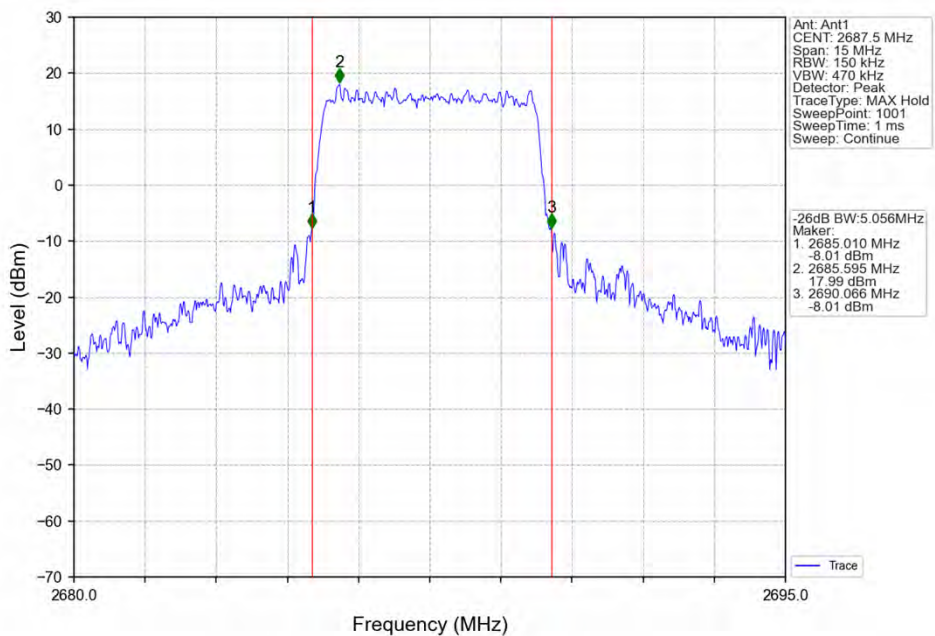
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



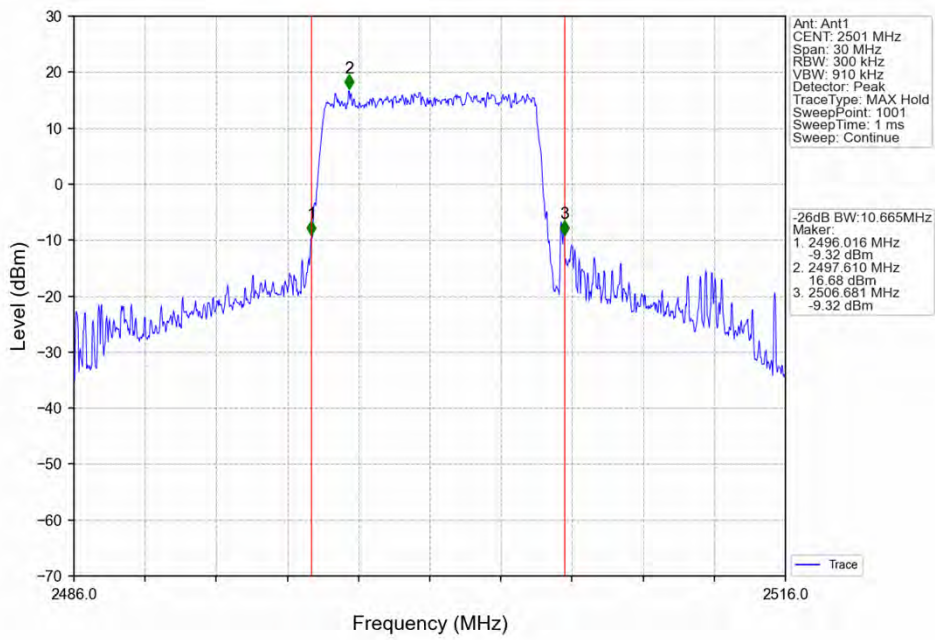
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



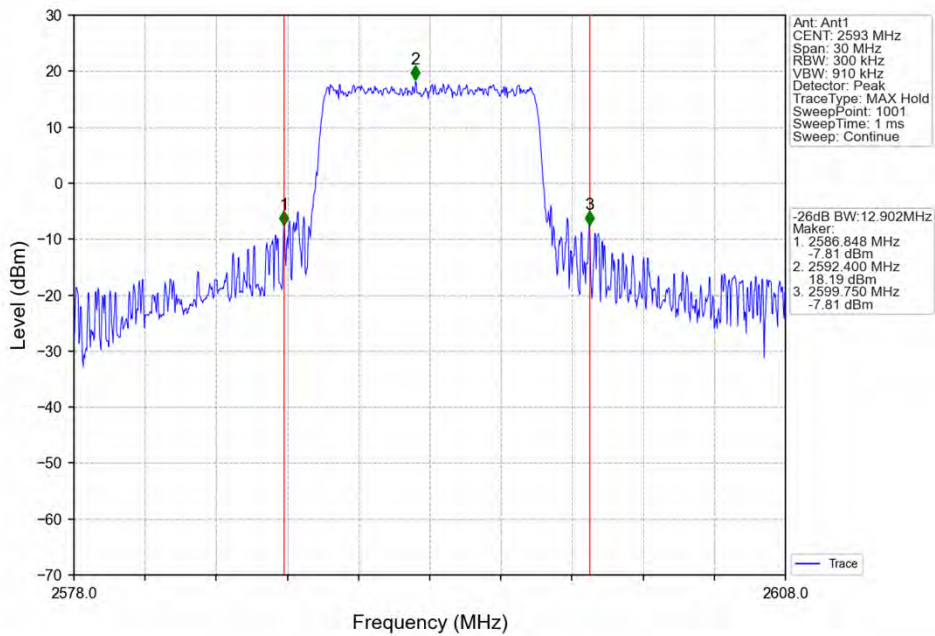
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



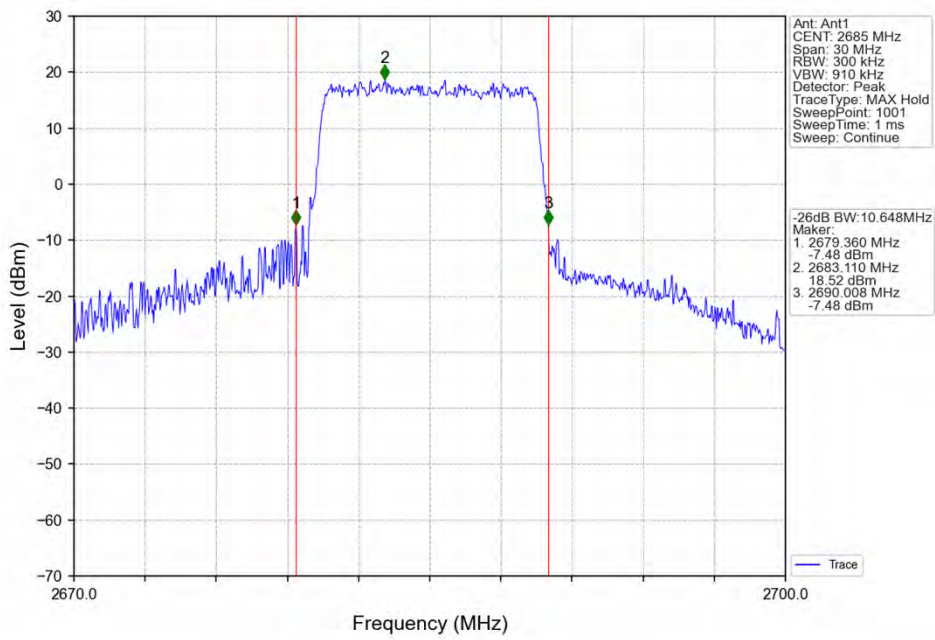
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



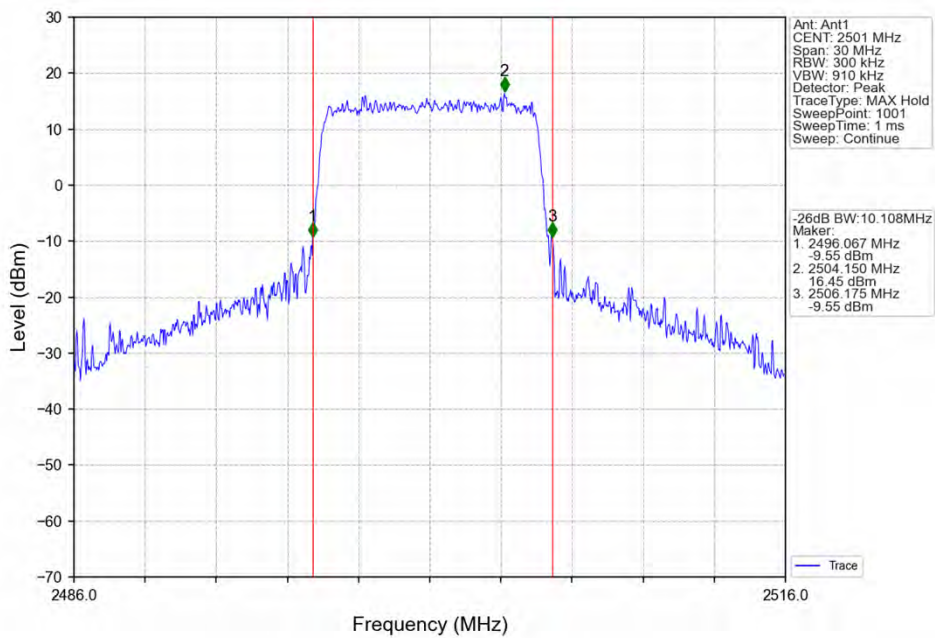
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



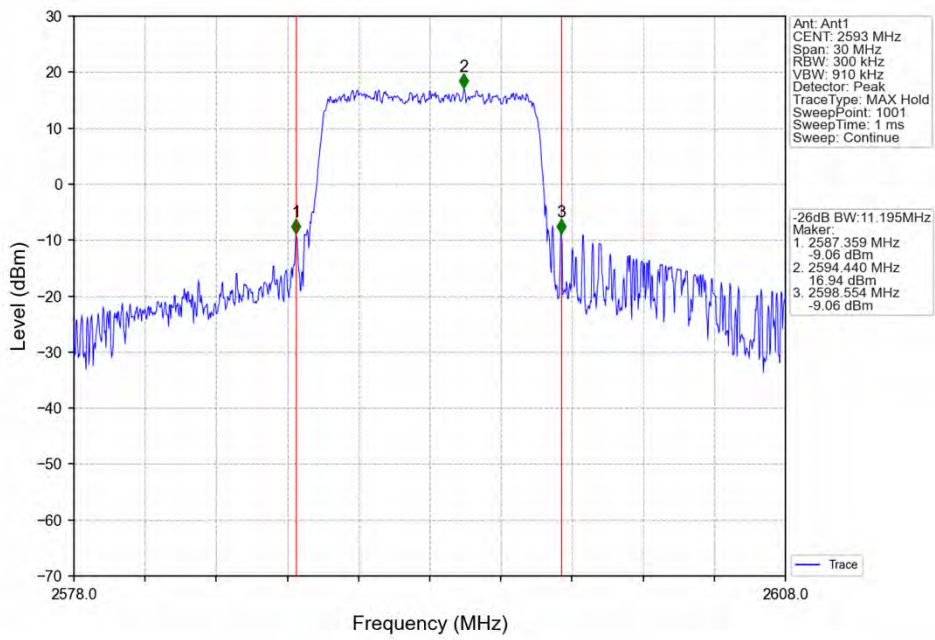
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



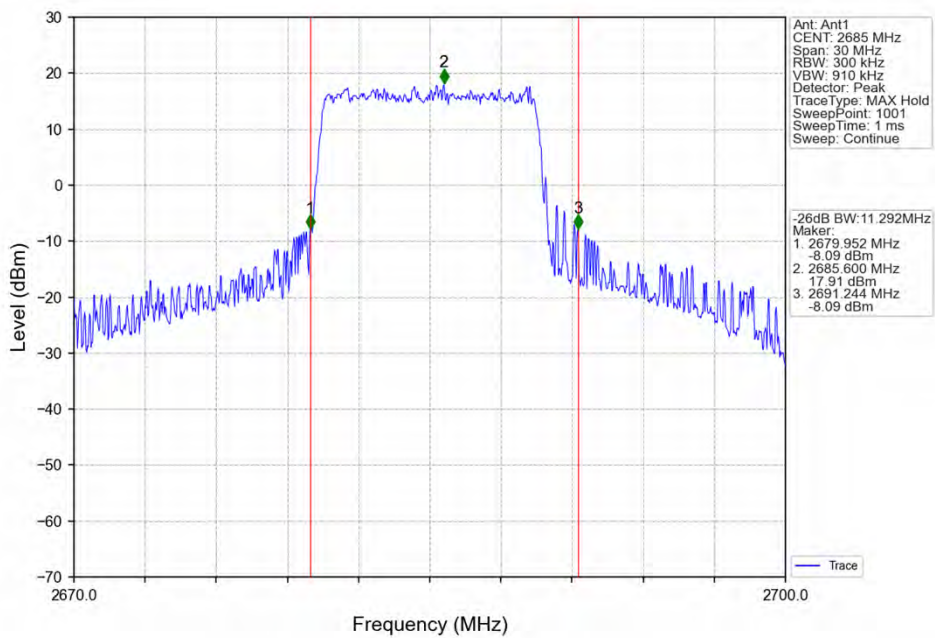
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



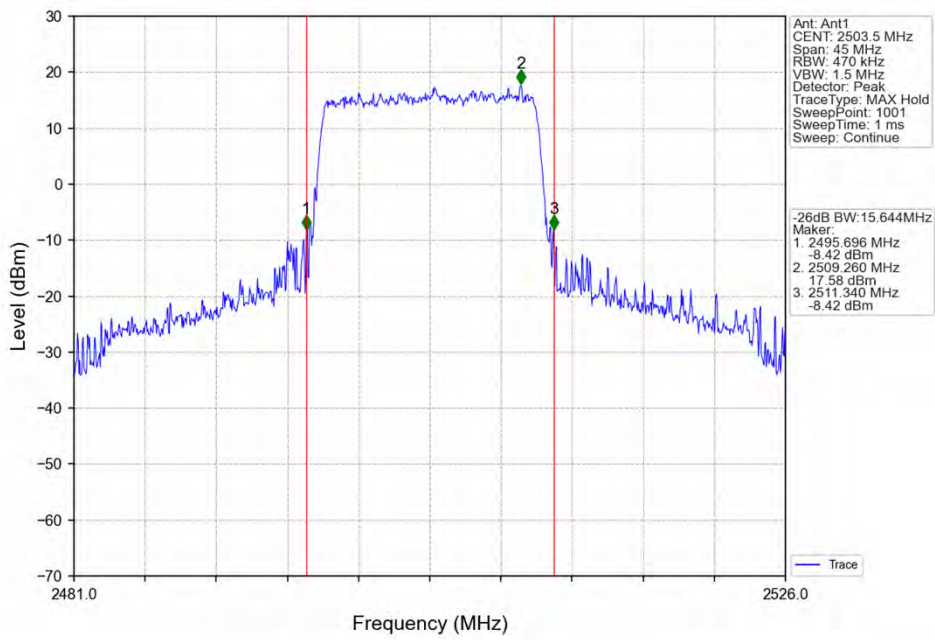
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



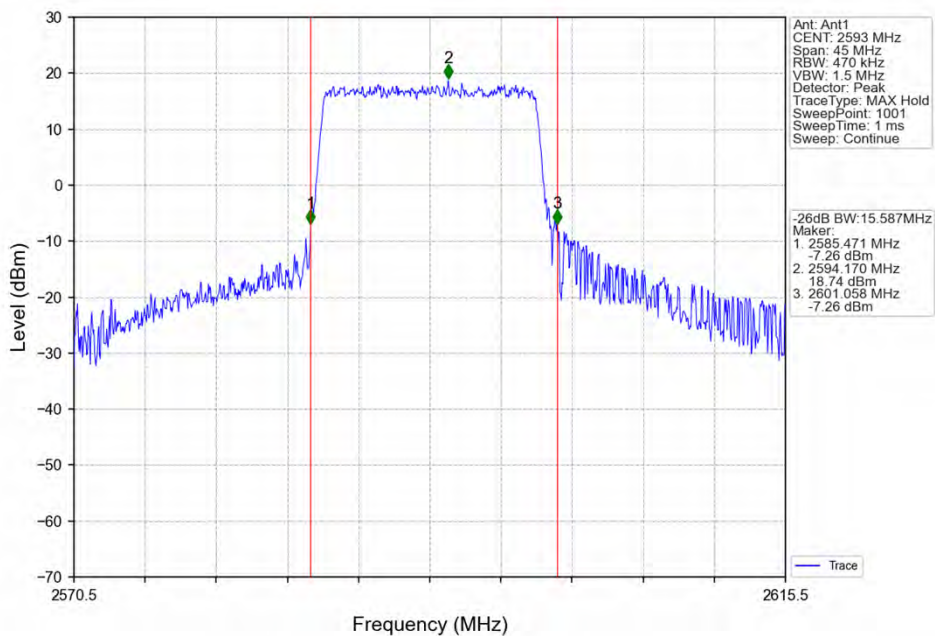
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



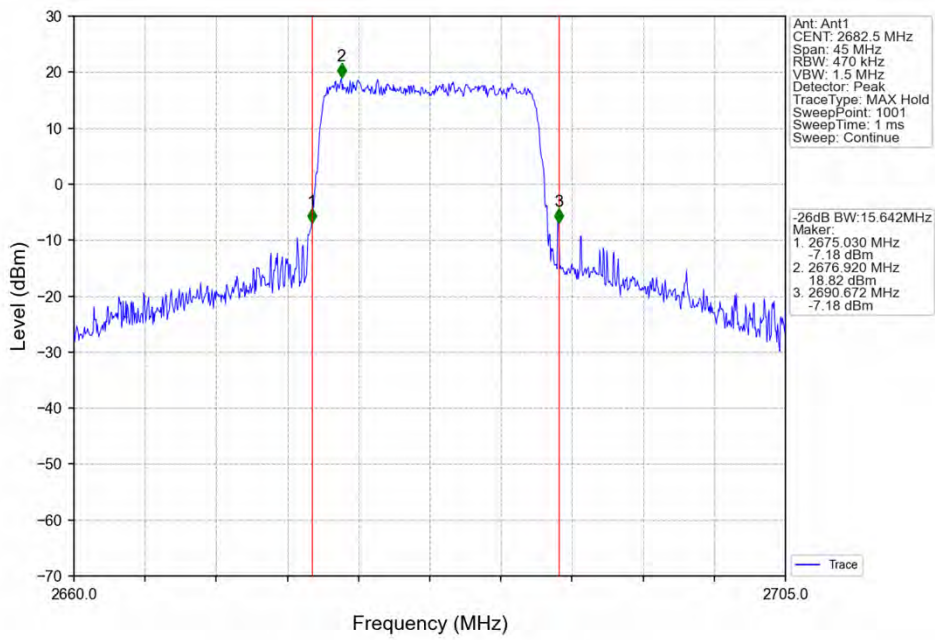
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



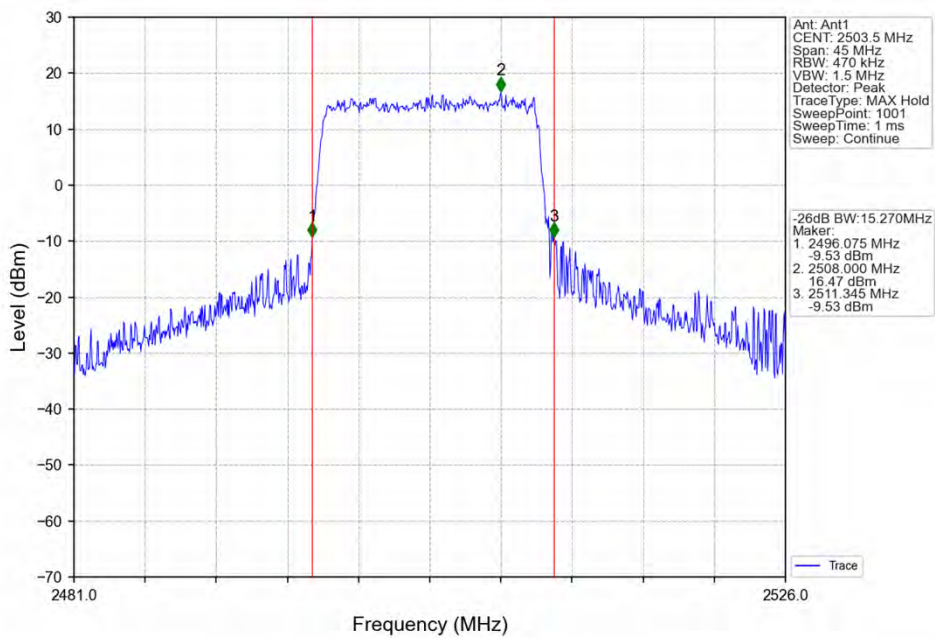
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



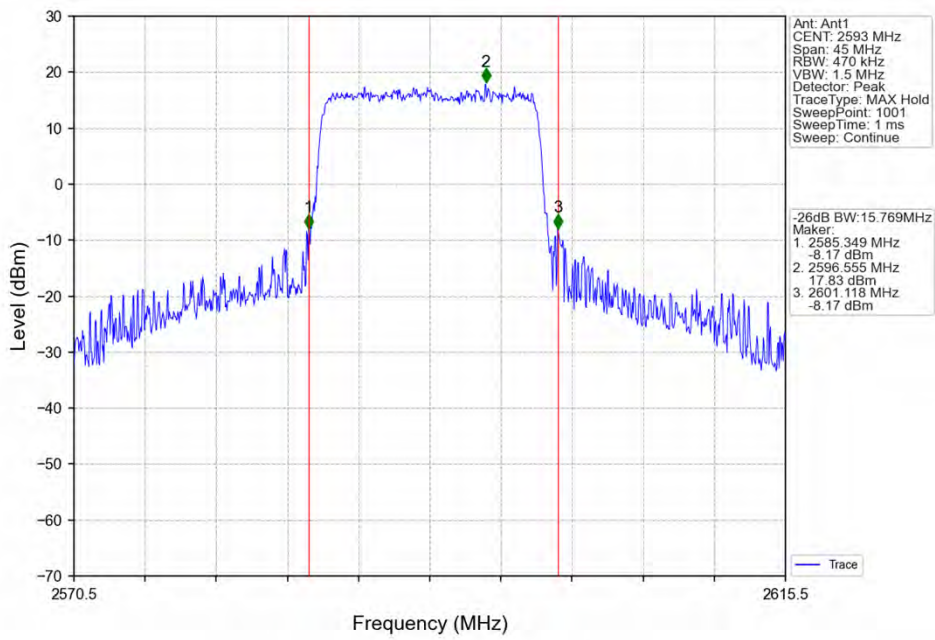
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



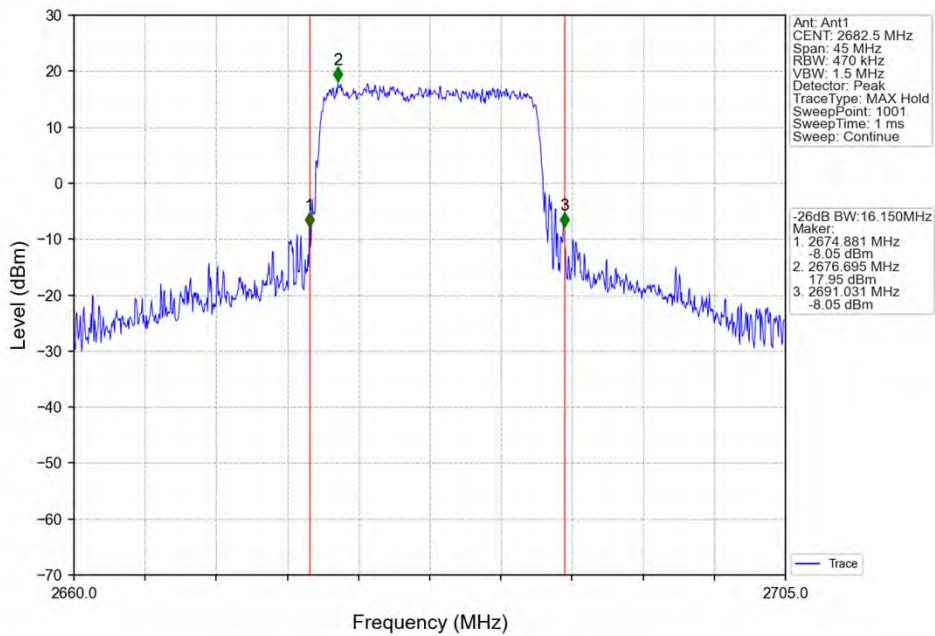
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



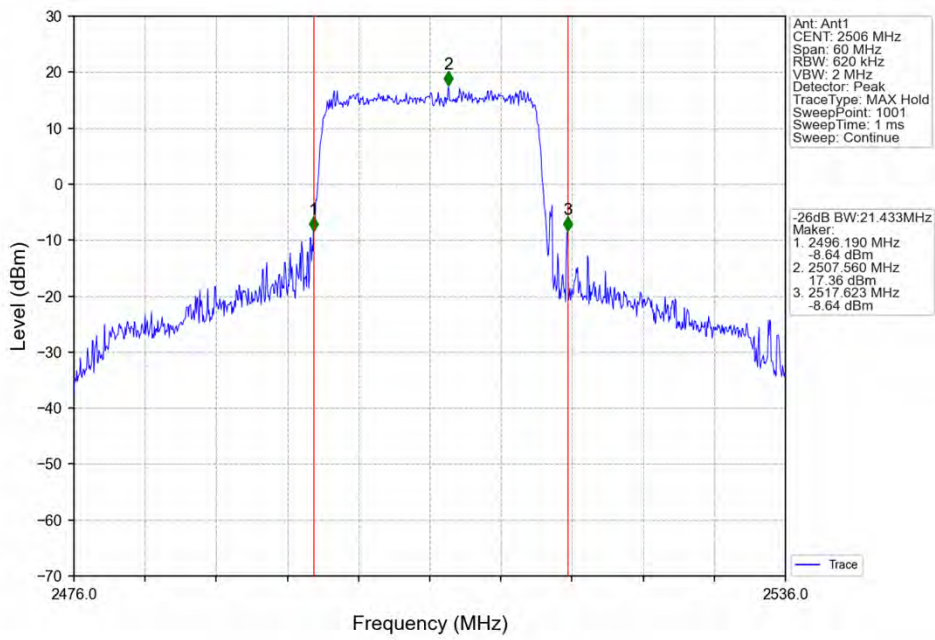
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



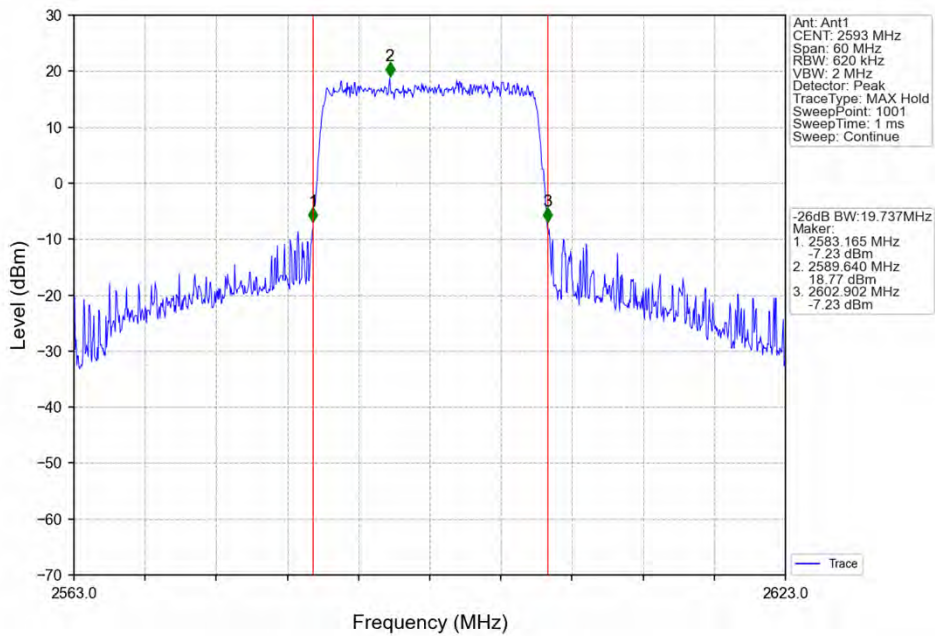
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



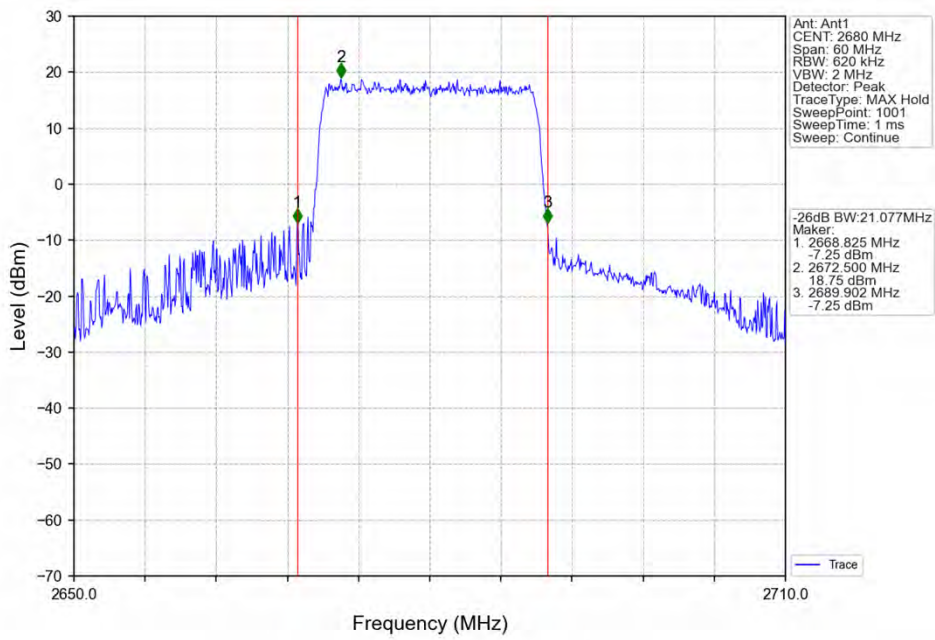
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



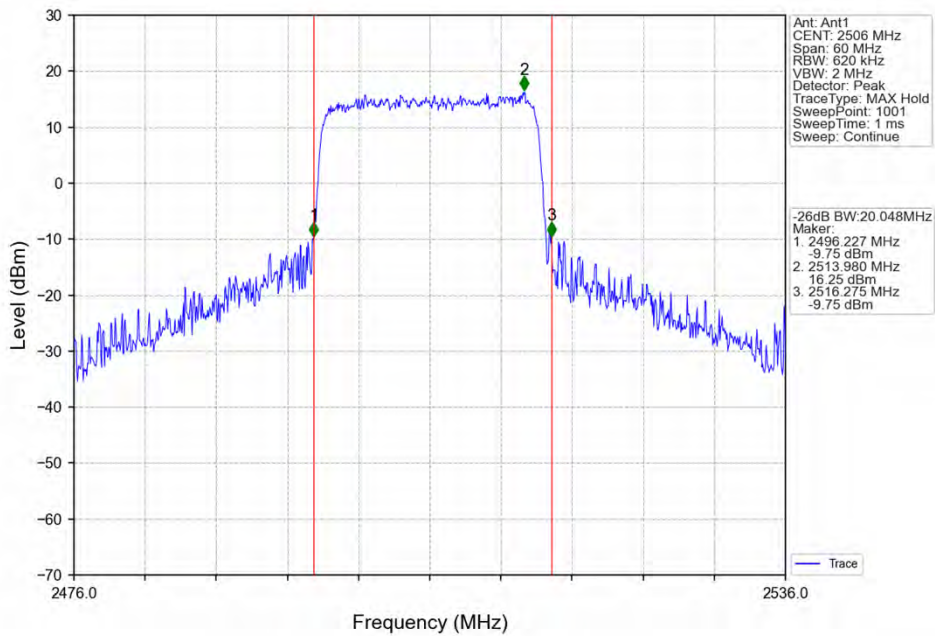
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



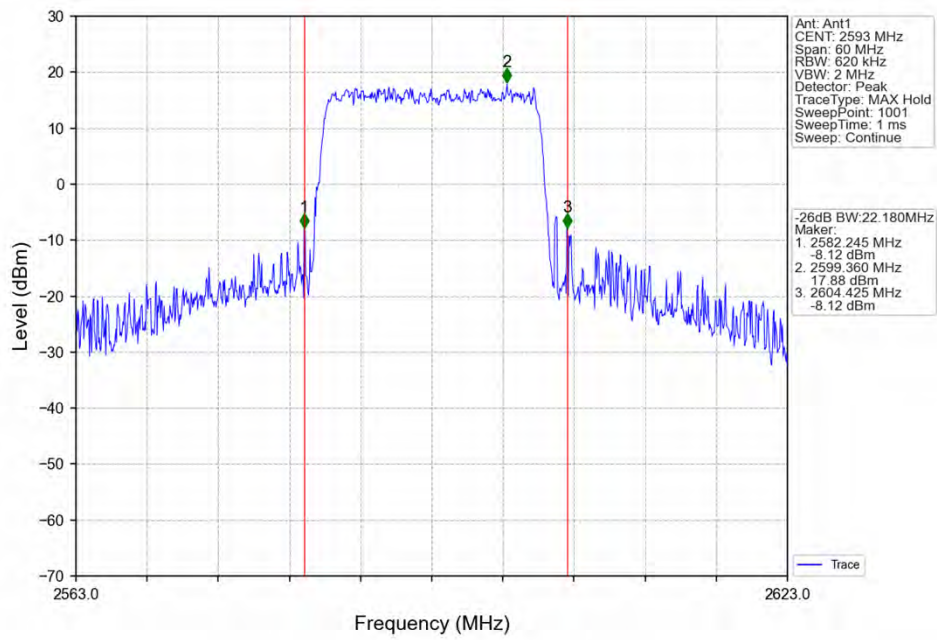
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



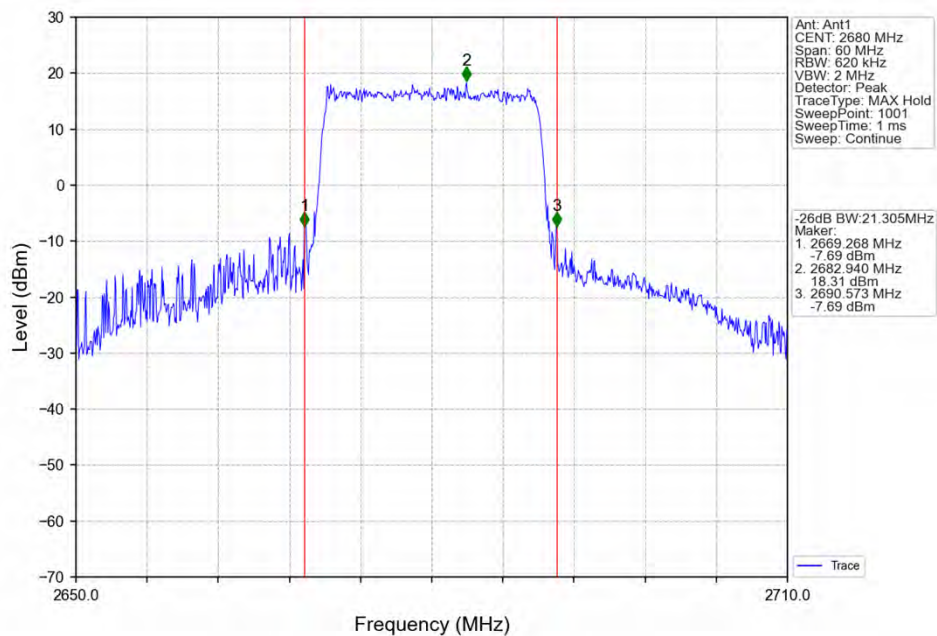
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



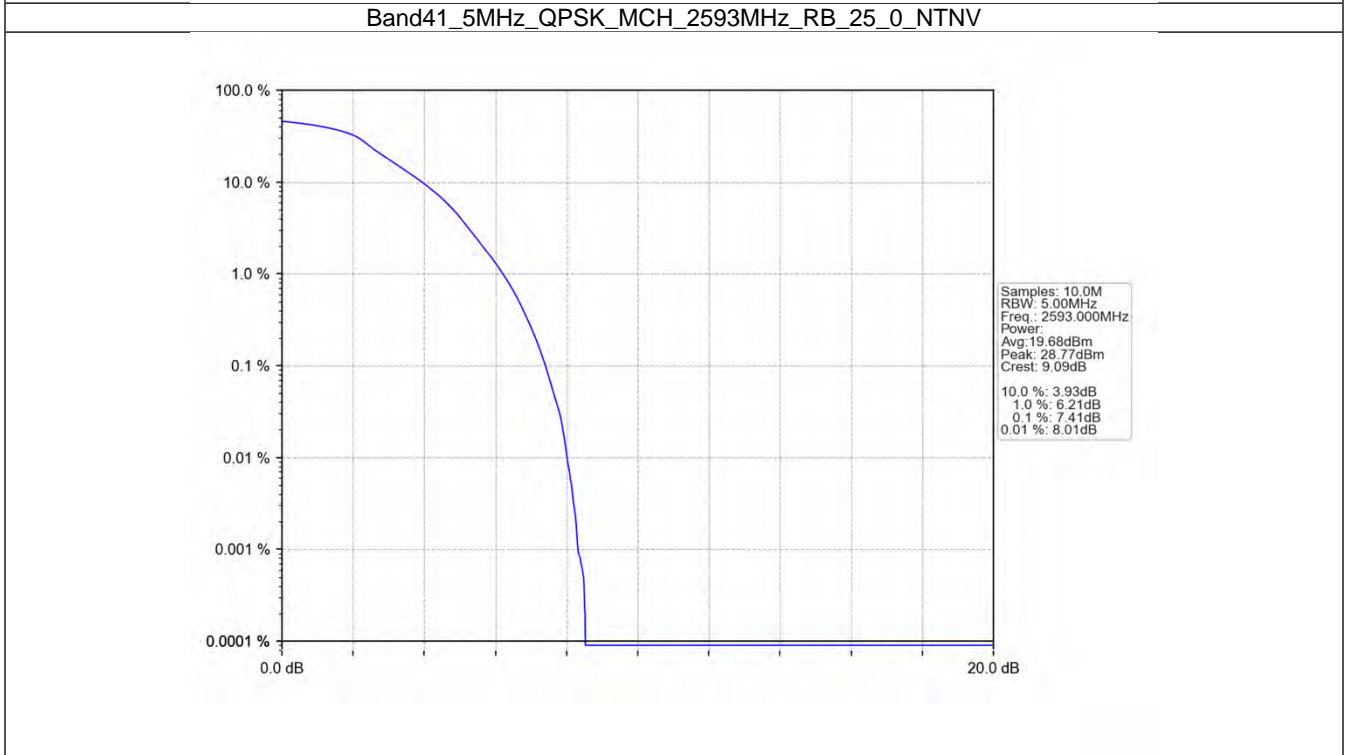
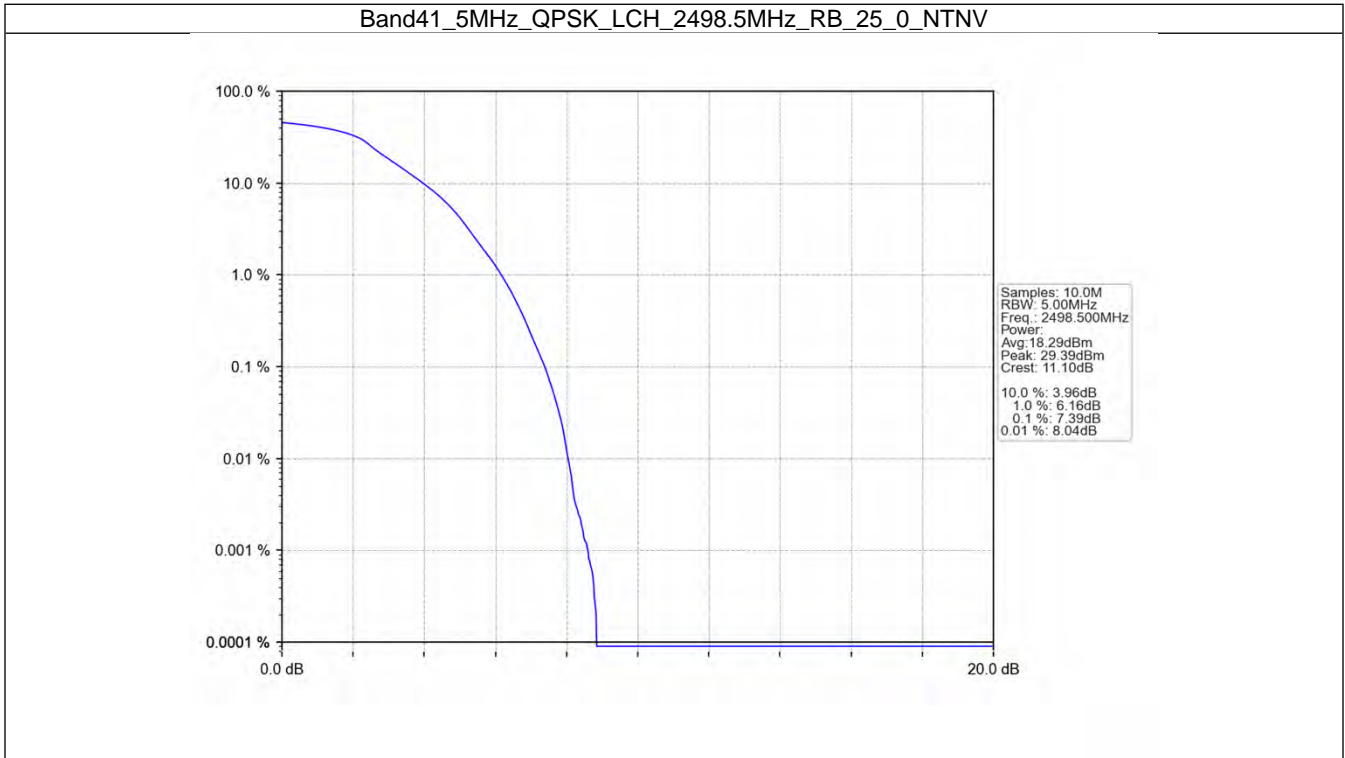
5. Peak-Average Ratio

5.1 B41_5MHz

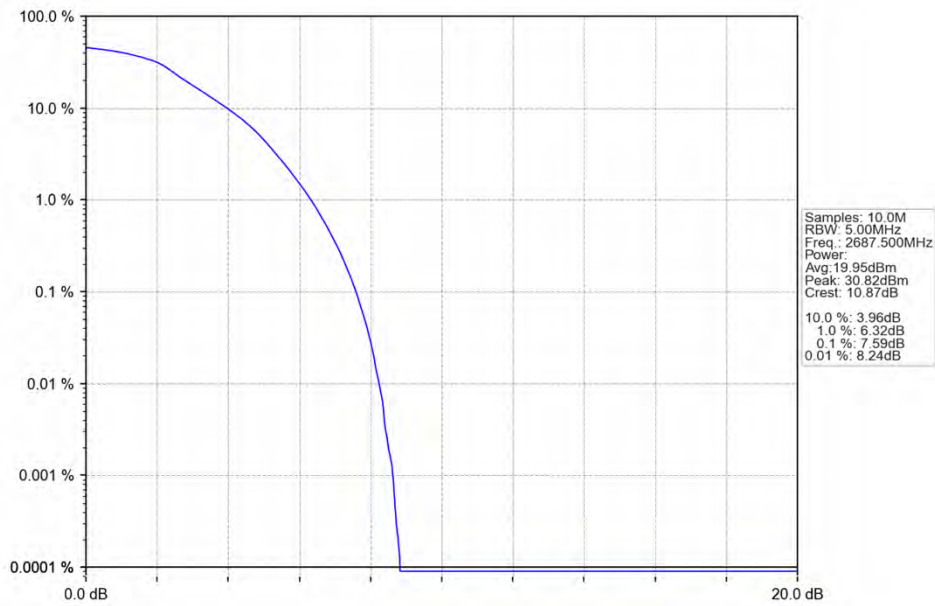
5.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.39	<=13	Pass
	2593	25	0	7.41	<=13	Pass
	2687.5	25	0	7.59	<=13	Pass
16QAM	2498.5	25	0	8.09	<=13	Pass
	2593	25	0	7.85	<=13	Pass
	2687.5	25	0	8.13	<=13	Pass

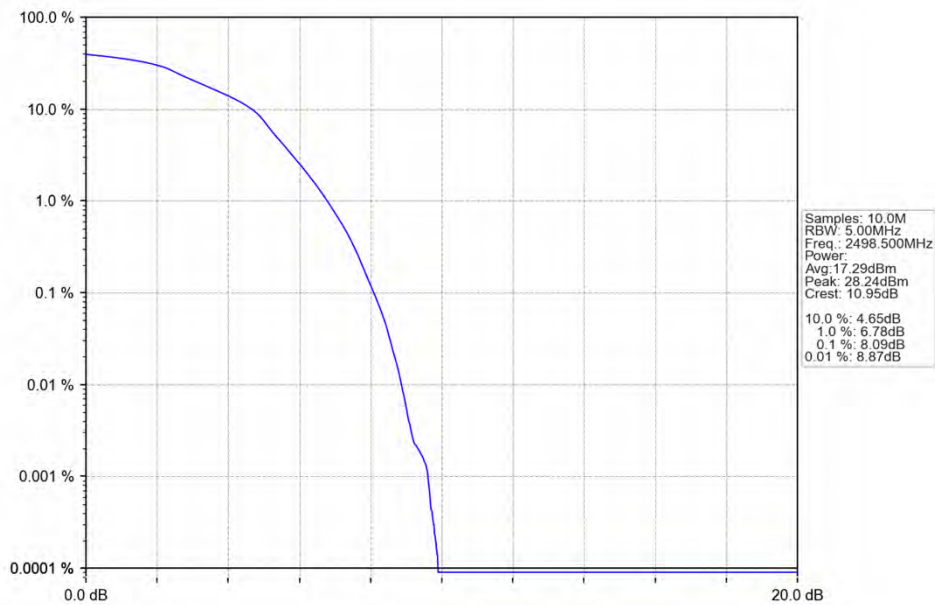
5.1.2 Test Graph



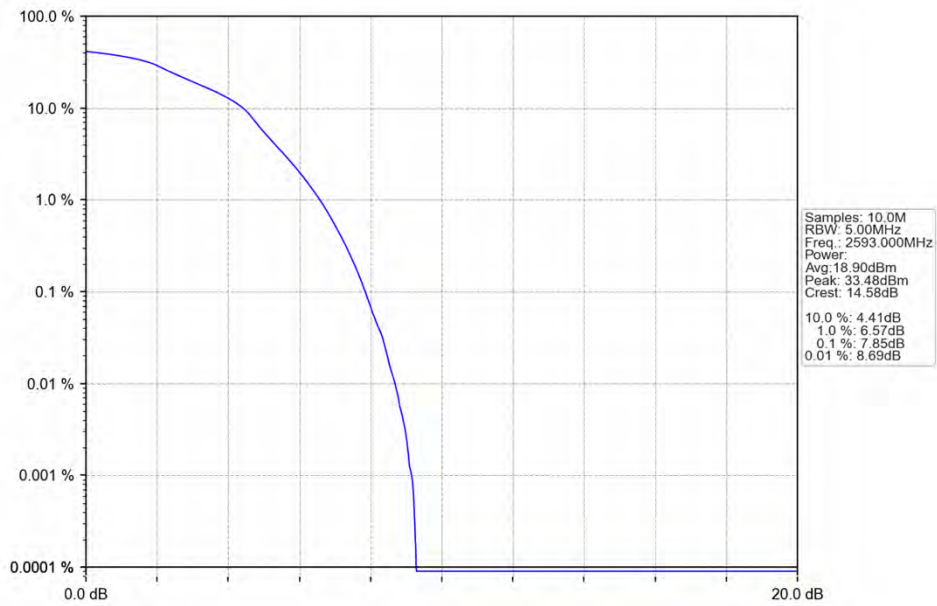
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



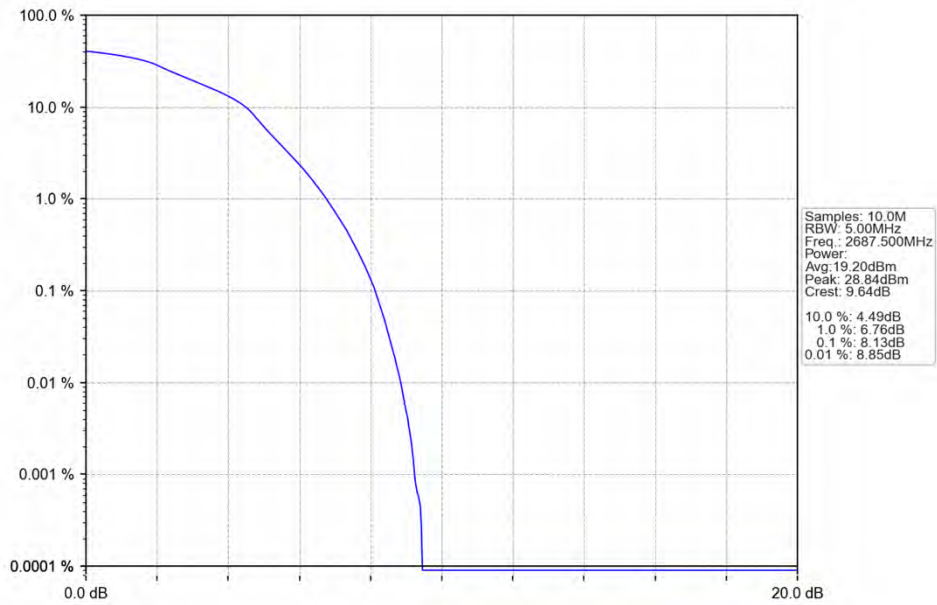
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV

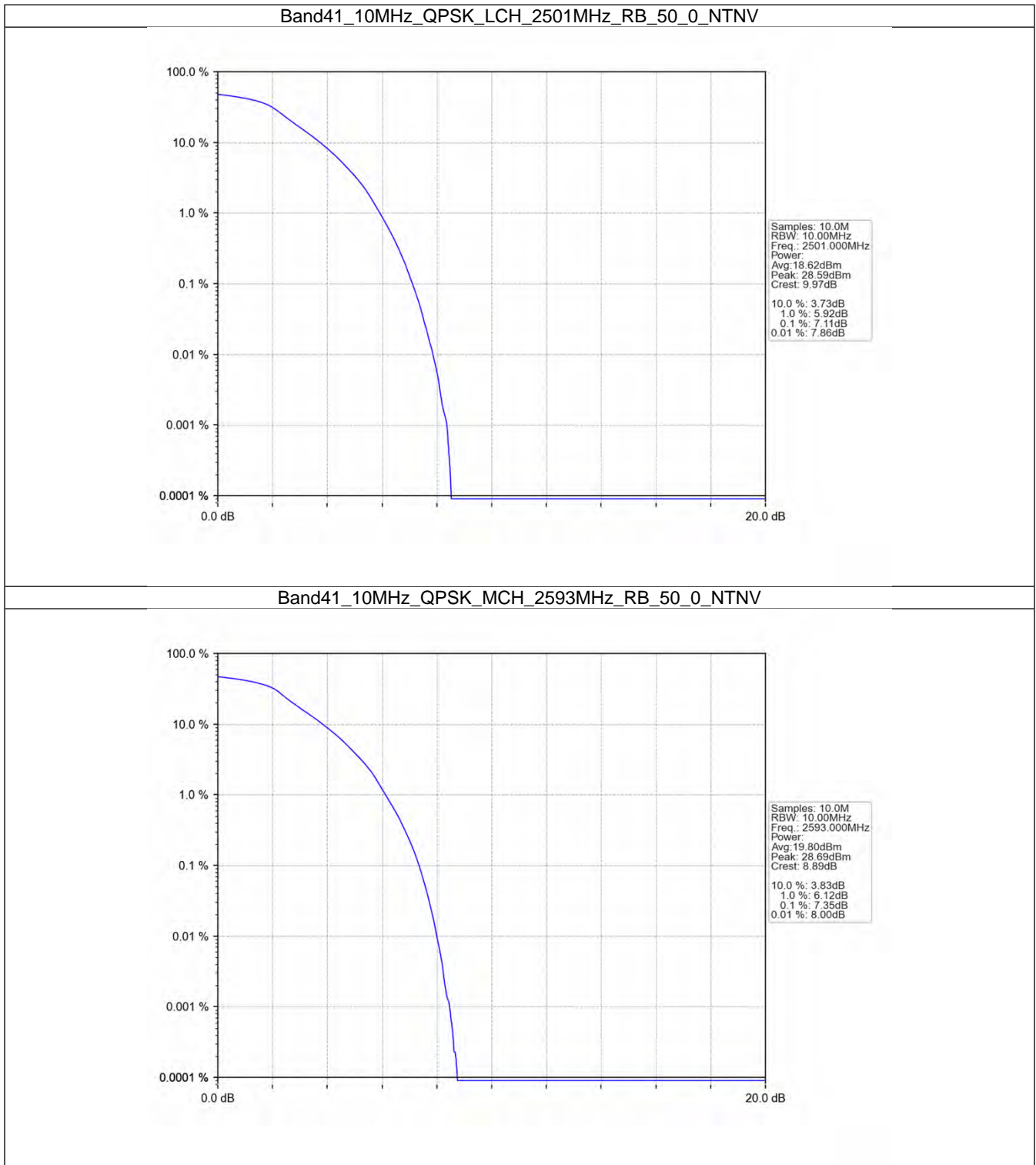


5.2 B41_10MHz

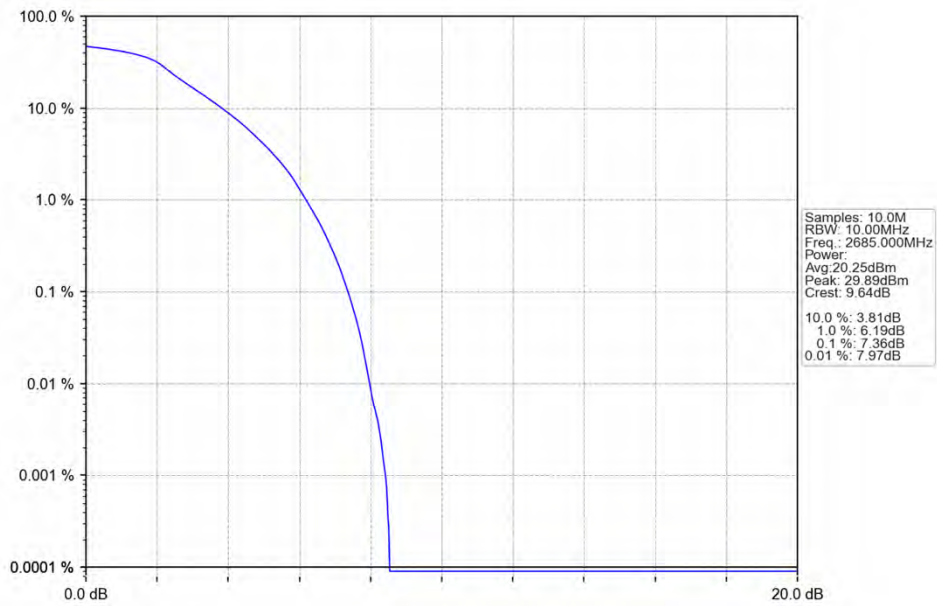
5.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.11	<=13	Pass
	2593	50	0	7.35	<=13	Pass
	2685	50	0	7.36	<=13	Pass
16QAM	2501	50	0	7.93	<=13	Pass
	2593	50	0	8.09	<=13	Pass
	2685	50	0	8.48	<=13	Pass

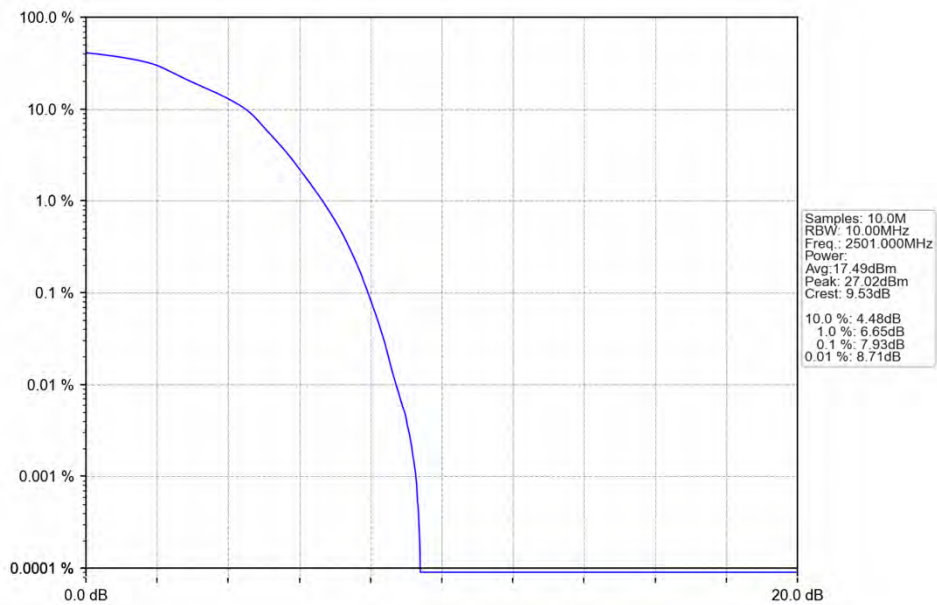
5.2.2 Test Graph



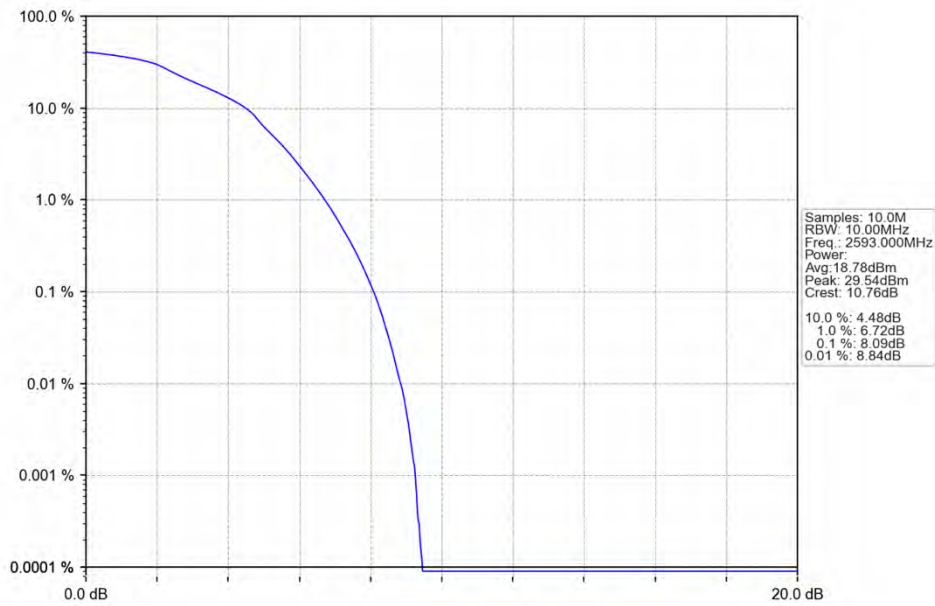
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



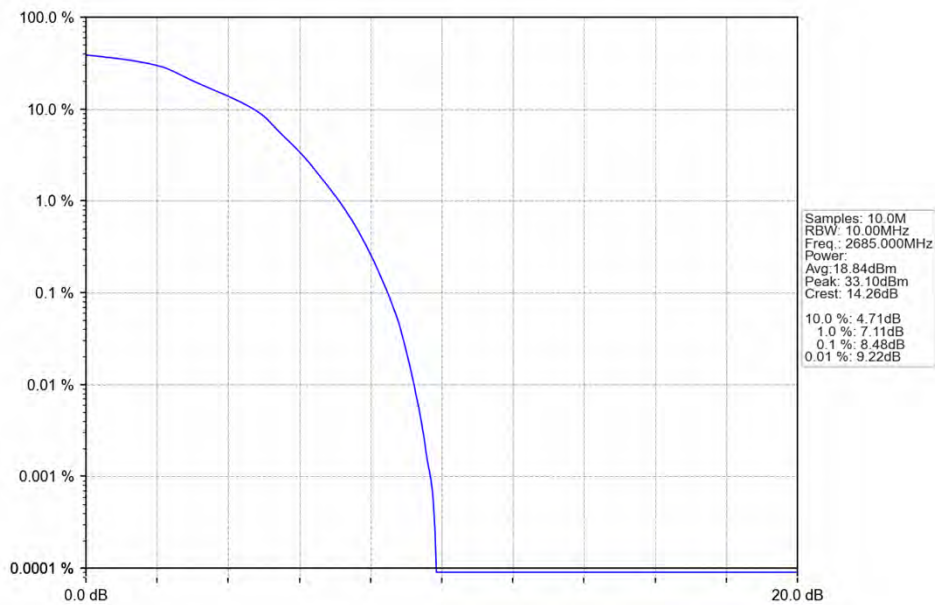
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV

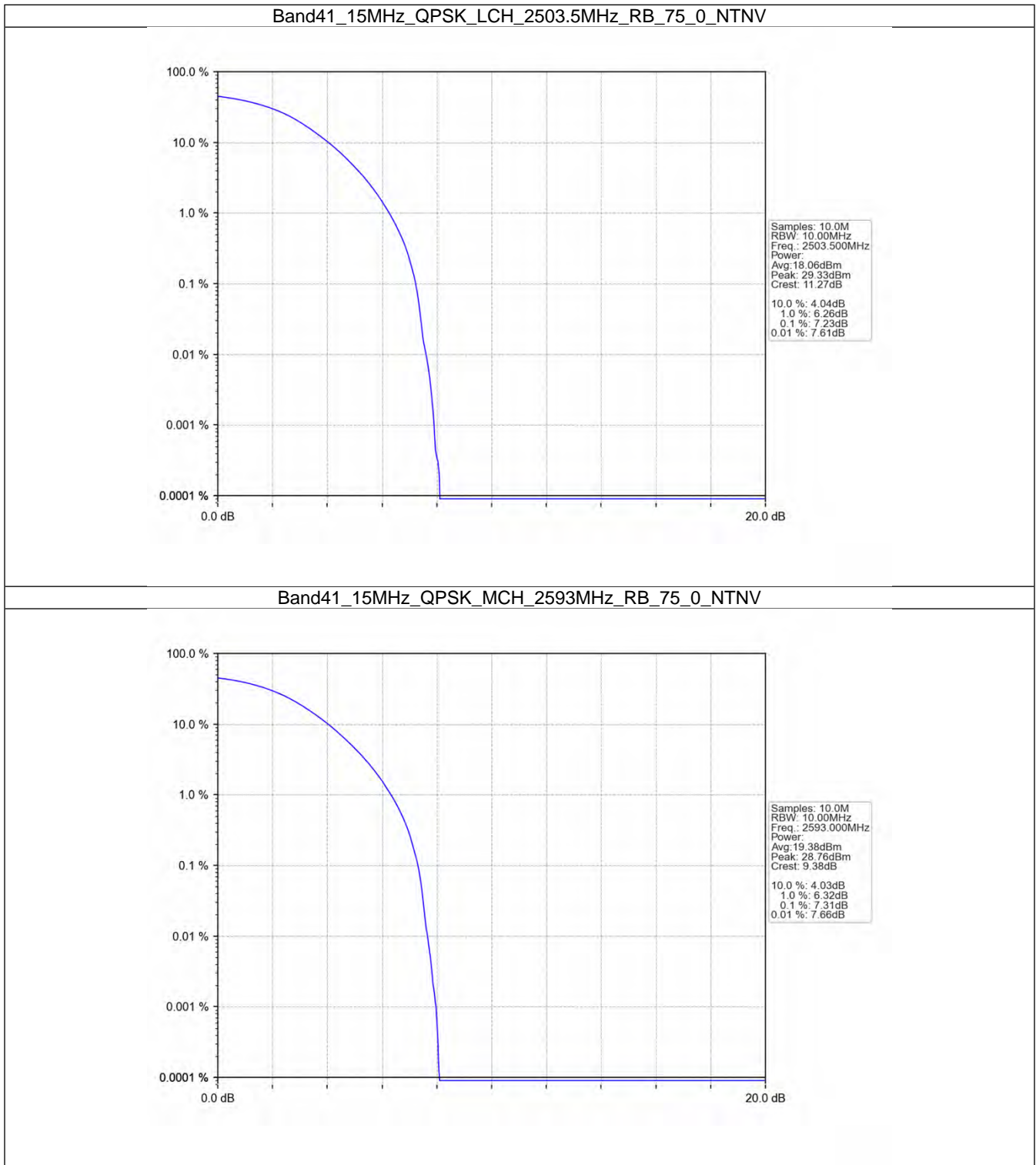


5.3 B41_15MHz

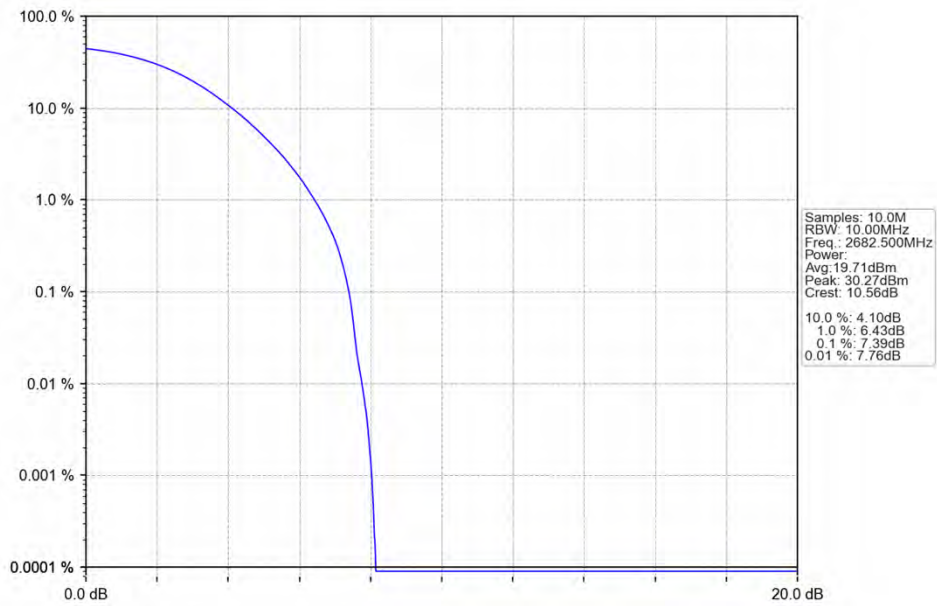
5.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	7.23	<=13	Pass
	2593	75	0	7.31	<=13	Pass
	2682.5	75	0	7.39	<=13	Pass
16QAM	2503.5	75	0	7.86	<=13	Pass
	2593	75	0	7.98	<=13	Pass
	2682.5	75	0	8.11	<=13	Pass

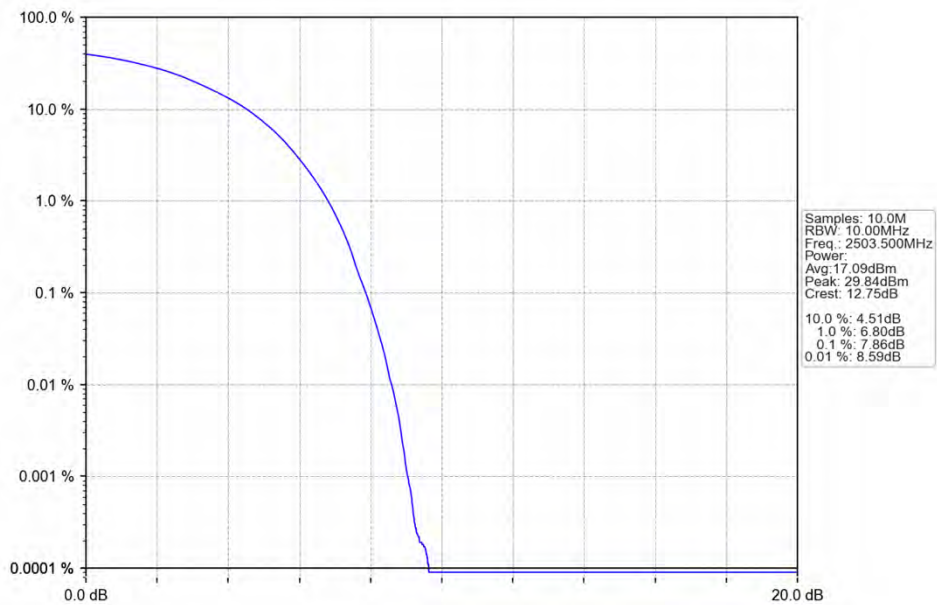
5.3.2 Test Graph



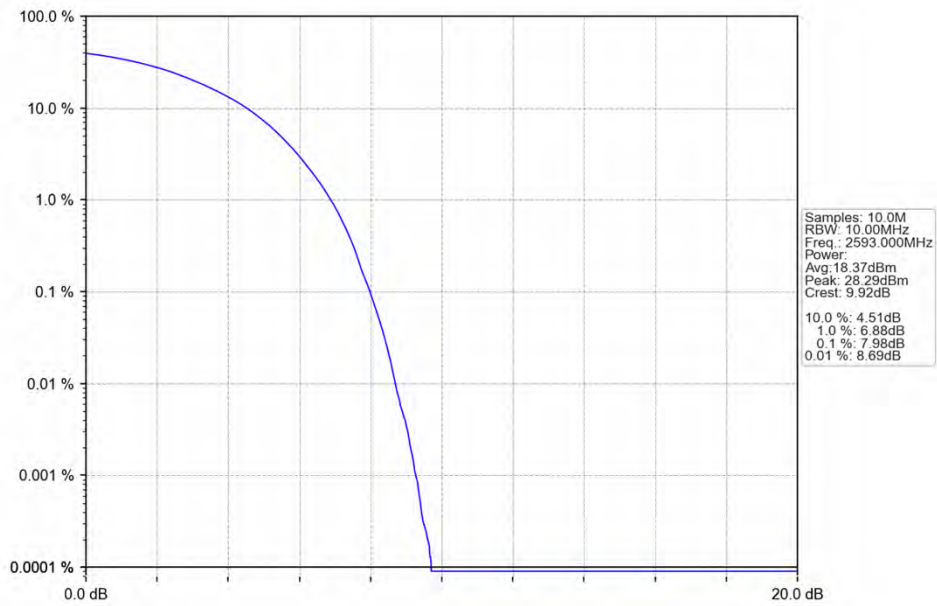
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



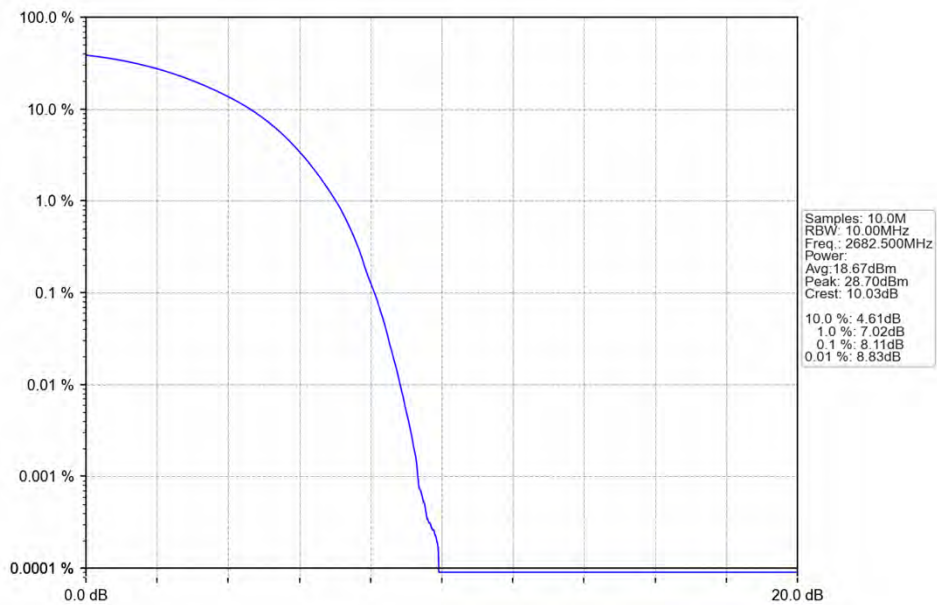
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV

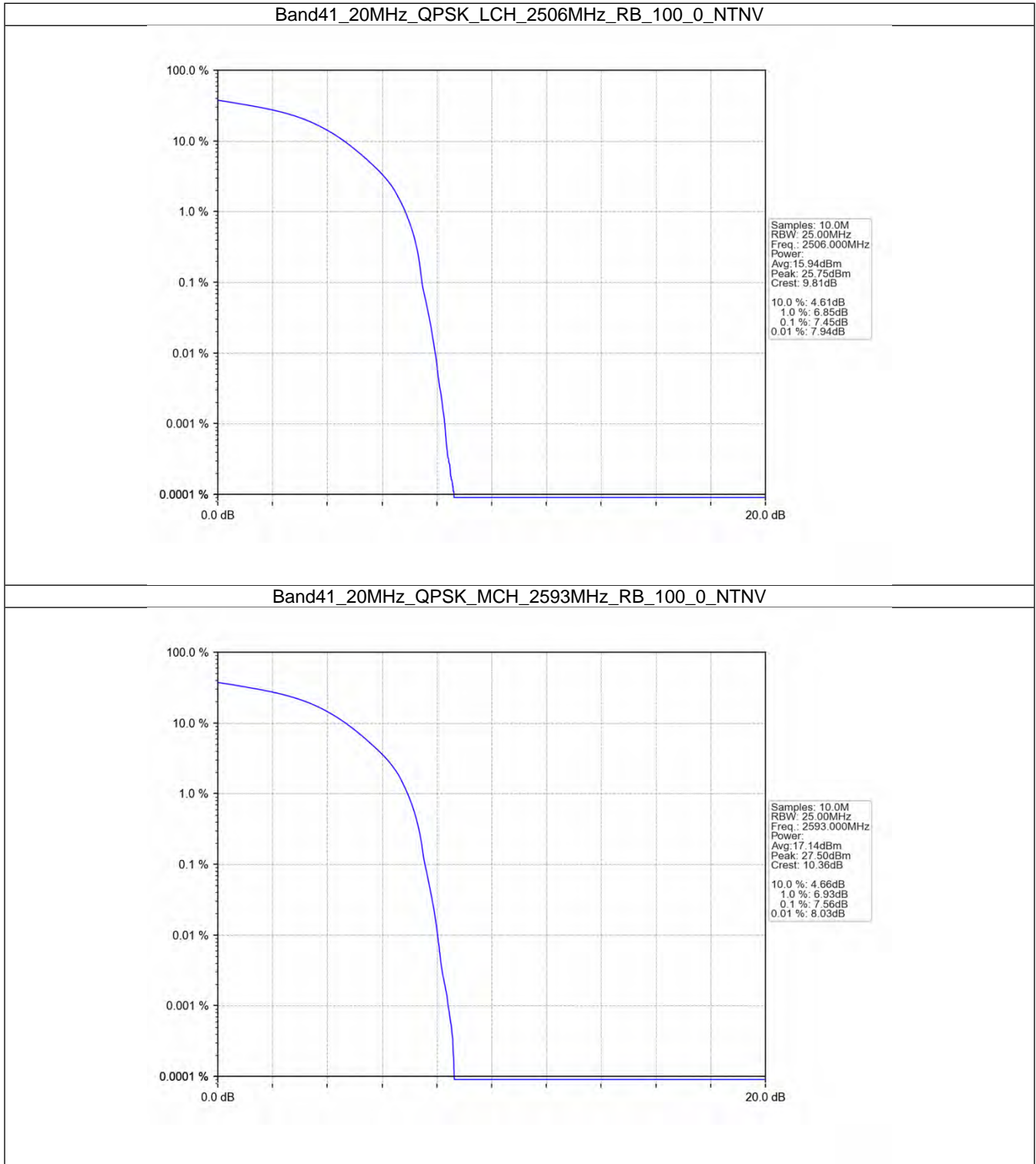


5.4 B41_20MHz

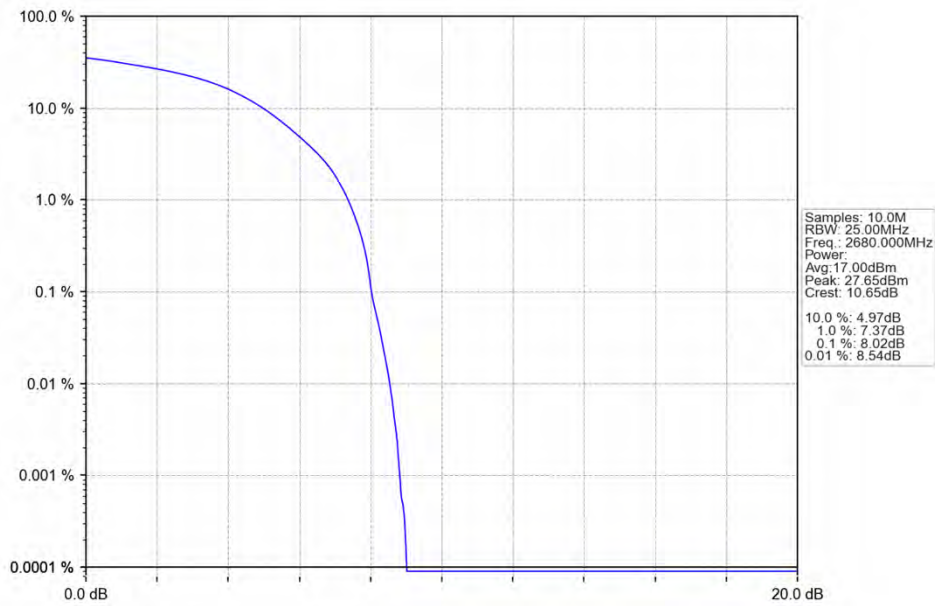
5.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.45	<=13	Pass
	2593	100	0	7.56	<=13	Pass
	2680	100	0	8.02	<=13	Pass
16QAM	2506	100	0	8.69	<=13	Pass
	2593	100	0	8.71	<=13	Pass
	2680	100	0	9.05	<=13	Pass

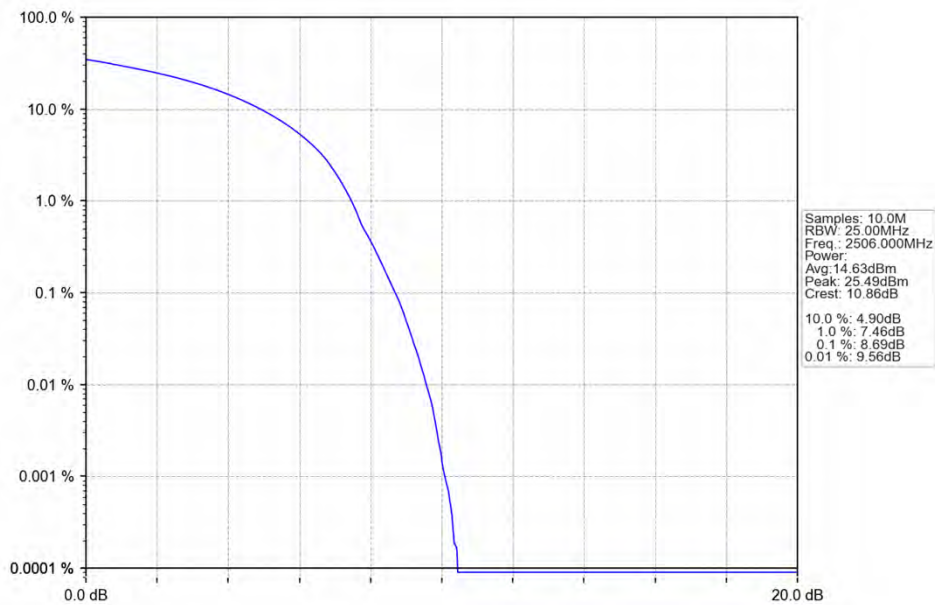
5.4.2 Test Graph



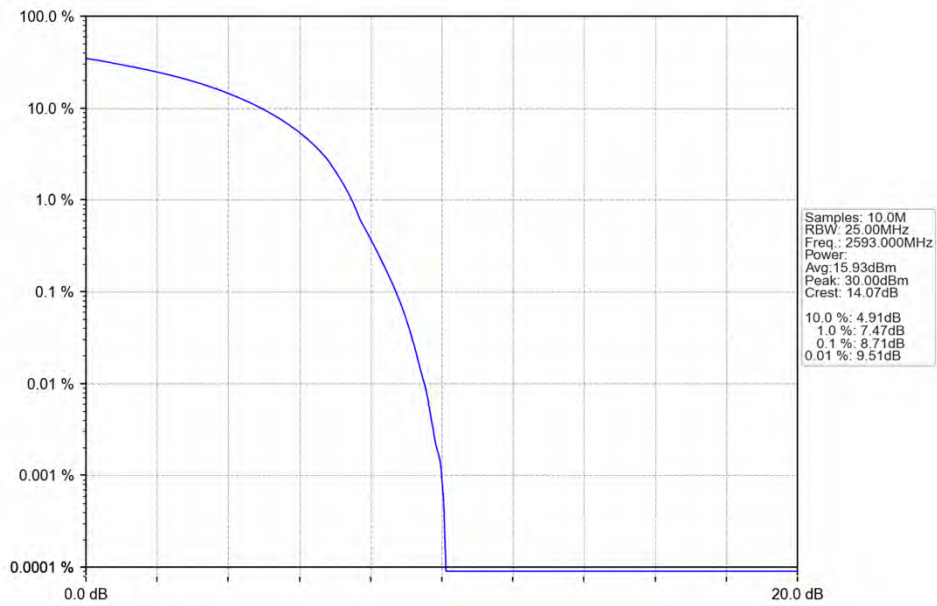
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



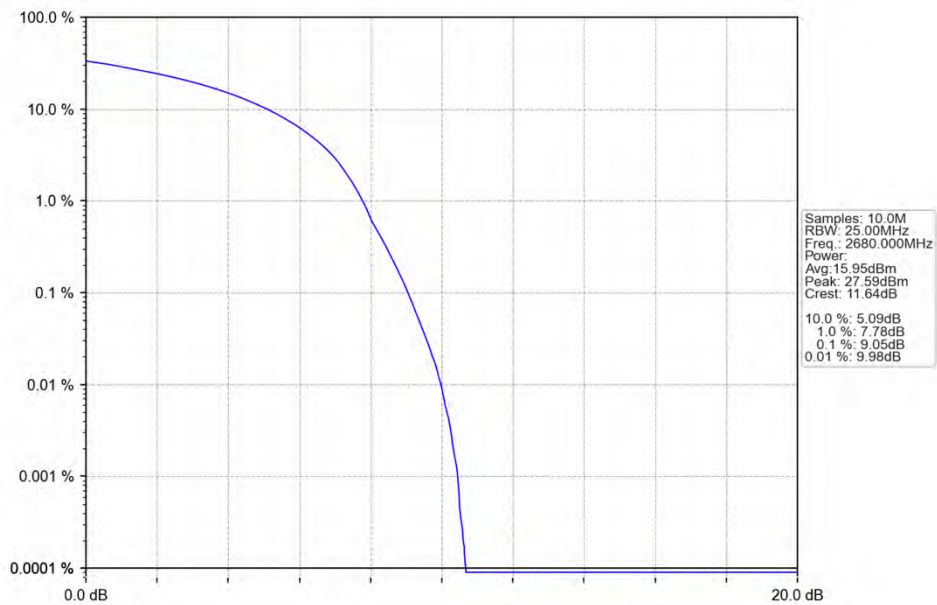
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



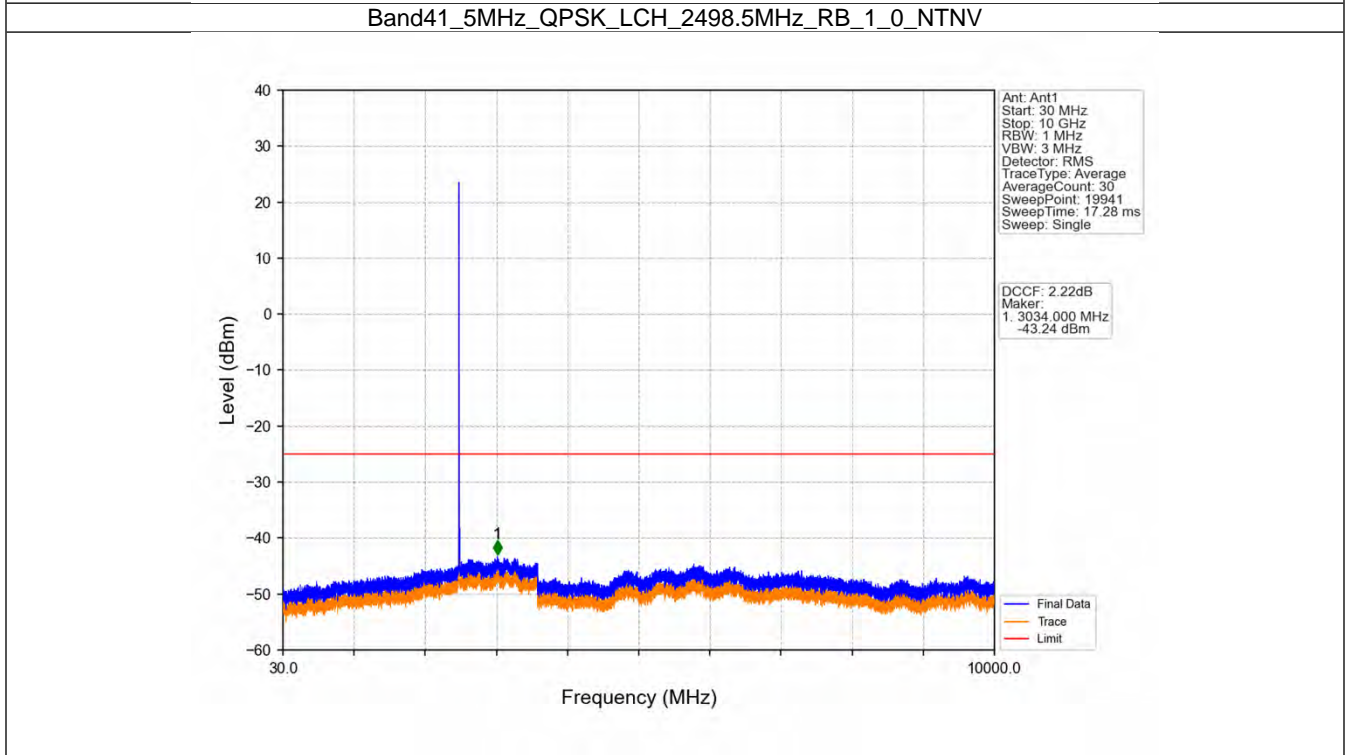
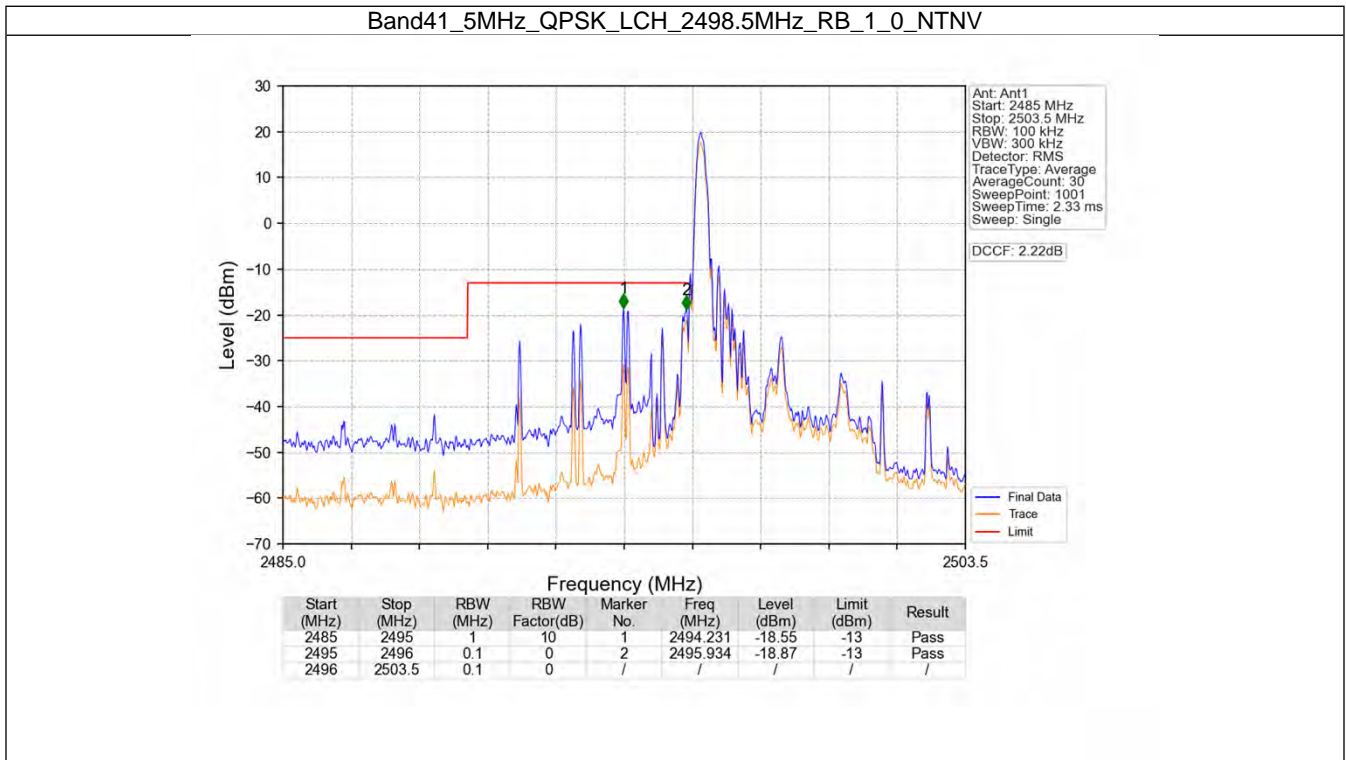
6. Spurious Emission

6.1 B41_5MHz

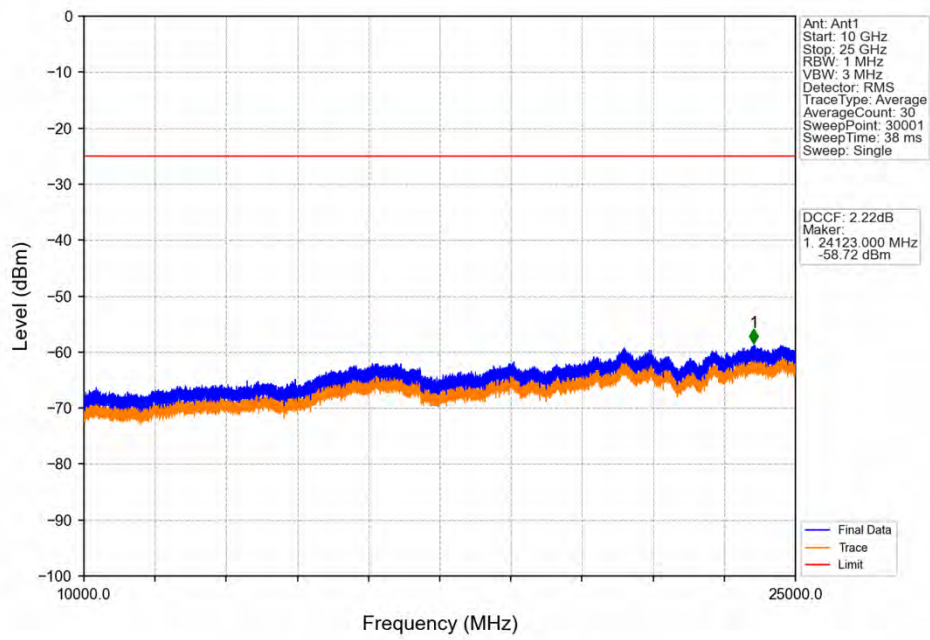
6.1.1 Test Result

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

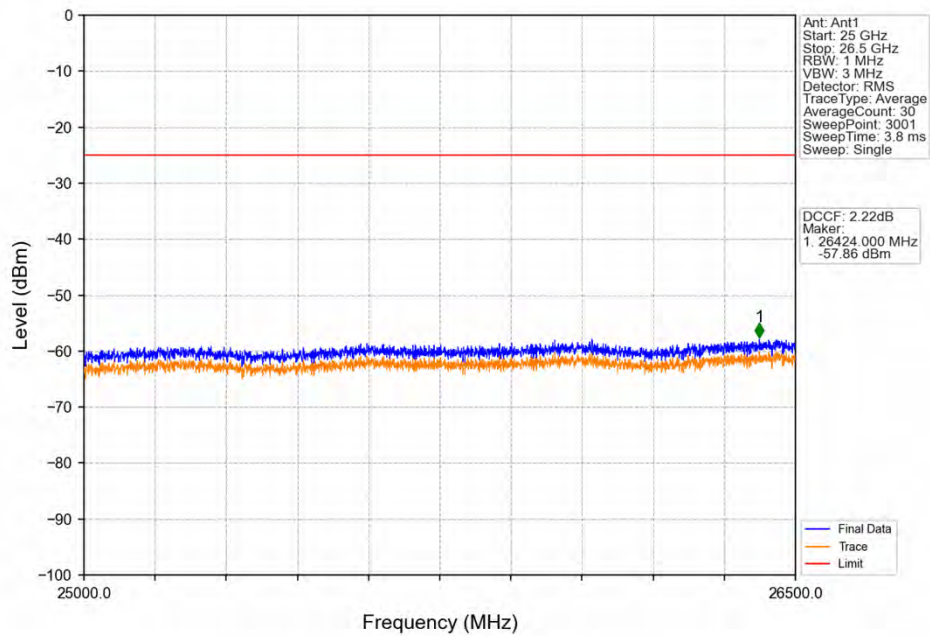
6.1.2 Test Graph



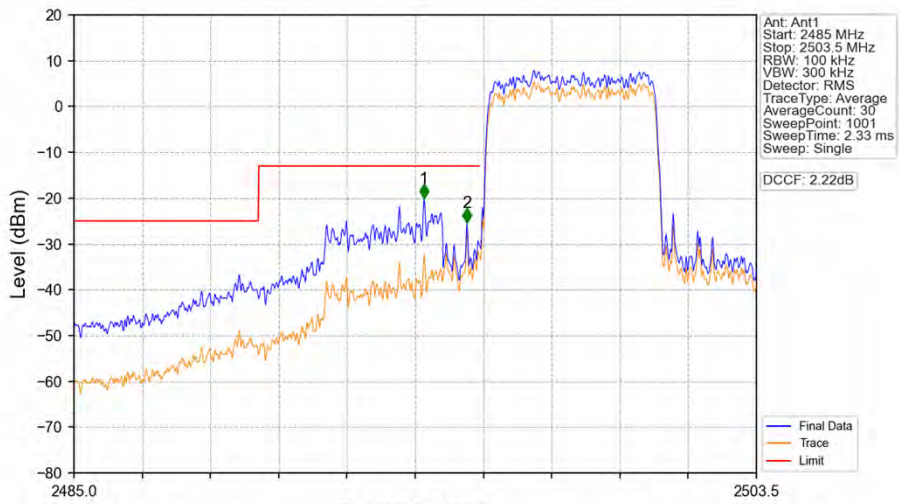
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

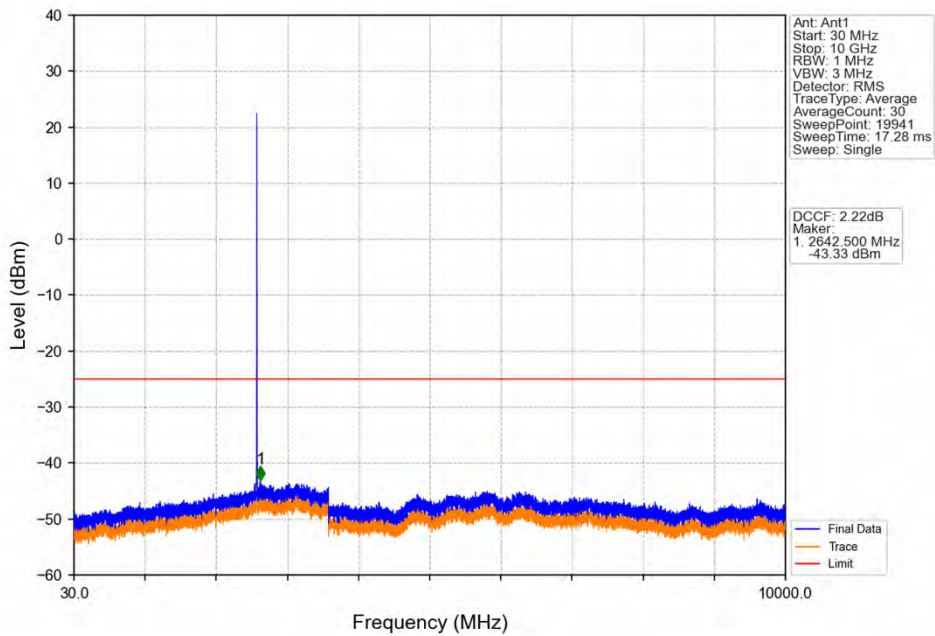


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

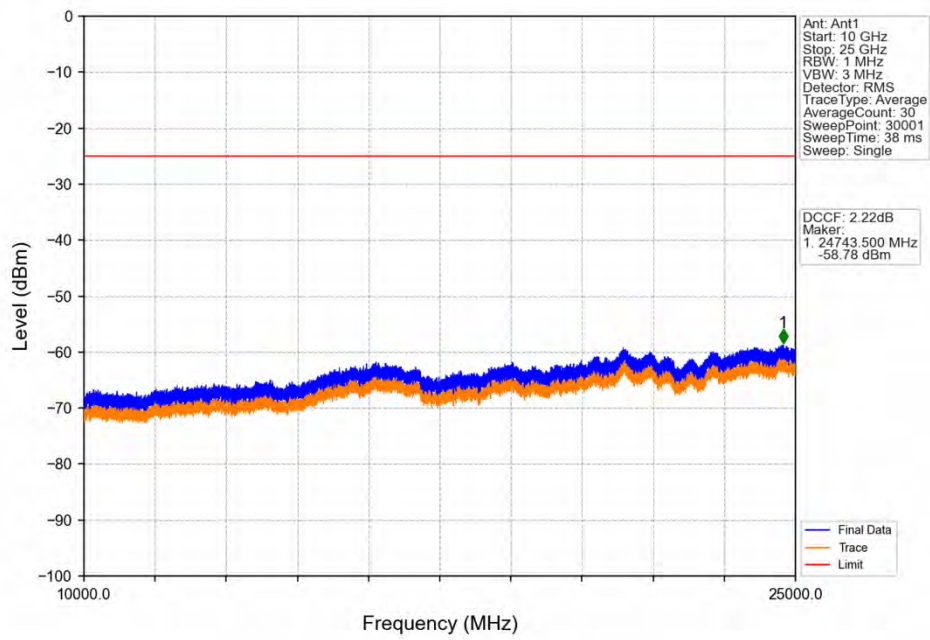


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	10	1	2494.490	-20.05	-13	Pass
2495	2496	0.1	0	2	2495.656	-25.30	-13	Pass
2496	2503.5	0.108	0.33	/	/	/	/	/

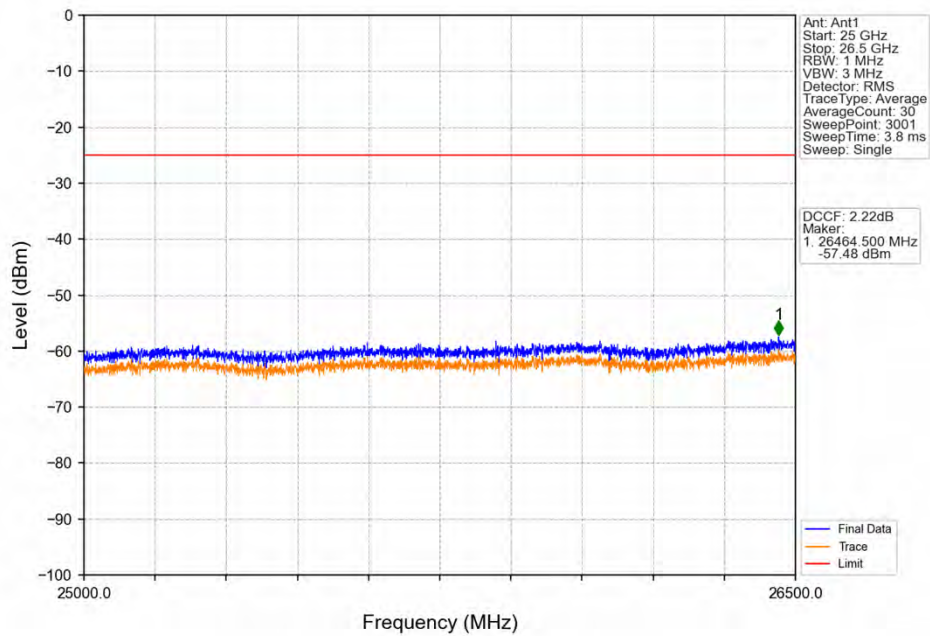
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



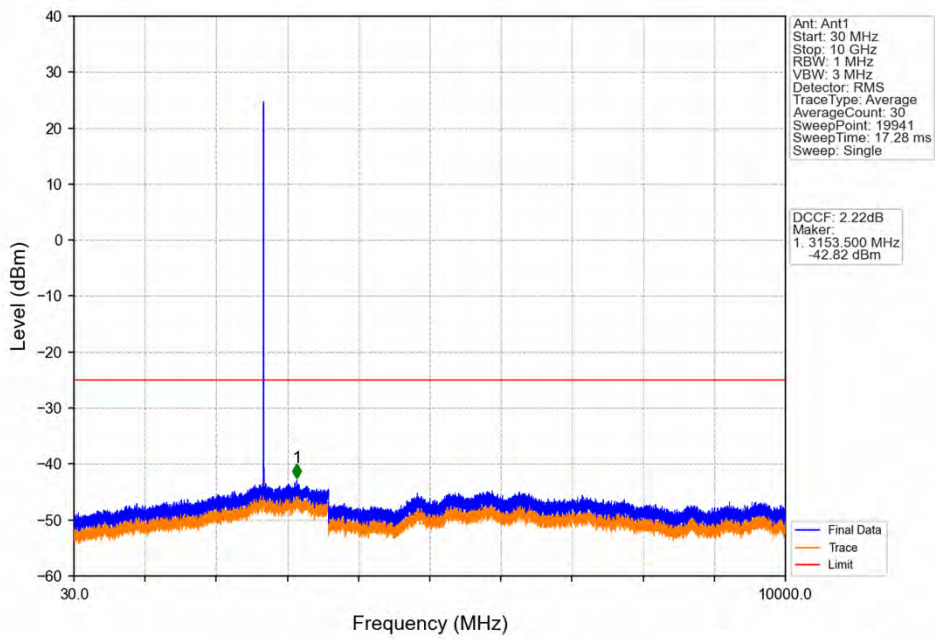
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



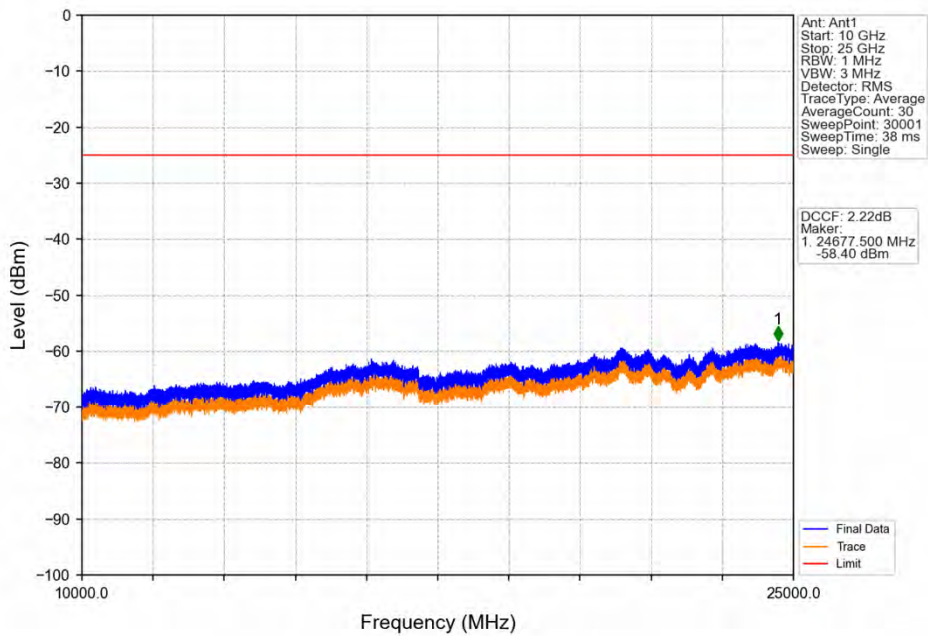
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



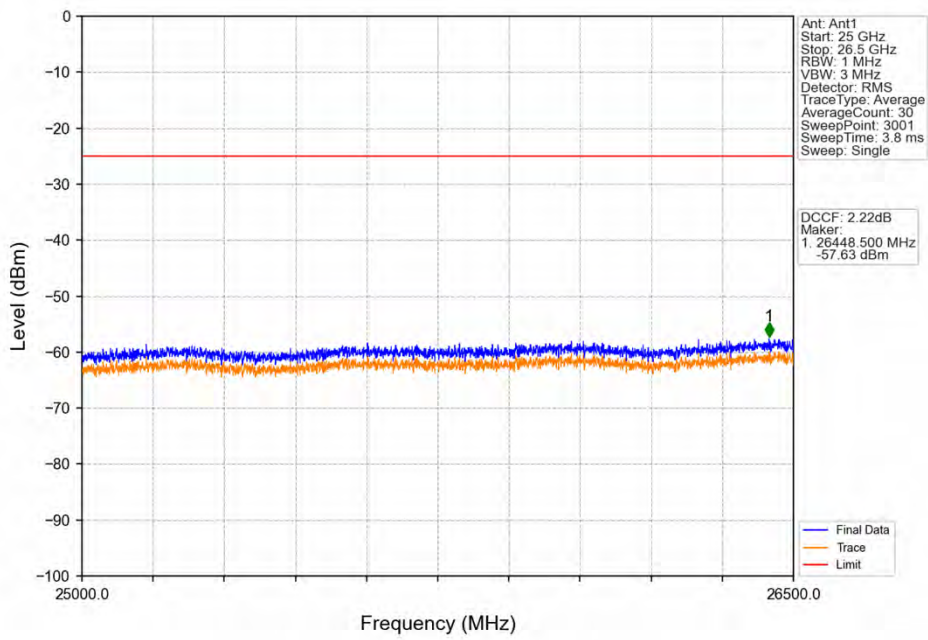
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



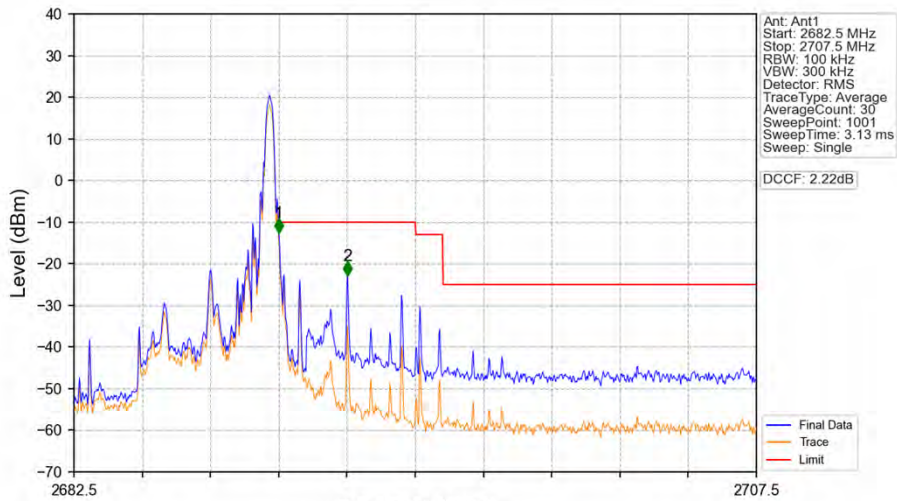
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

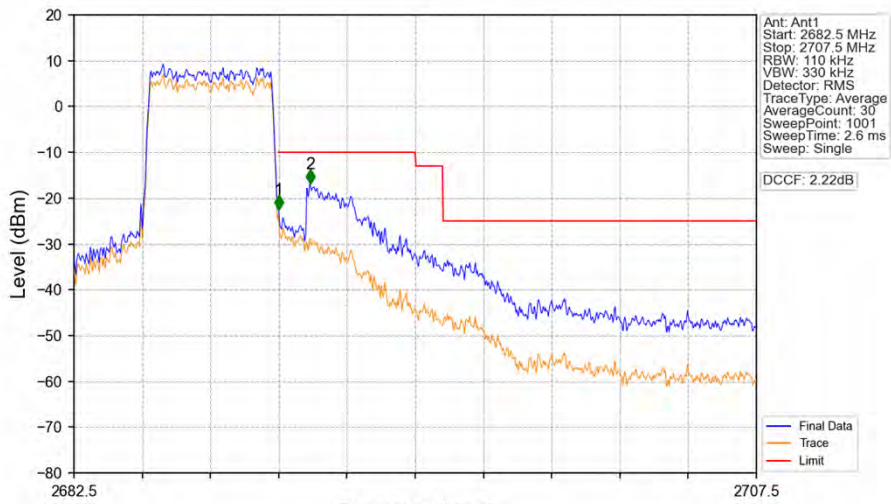


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



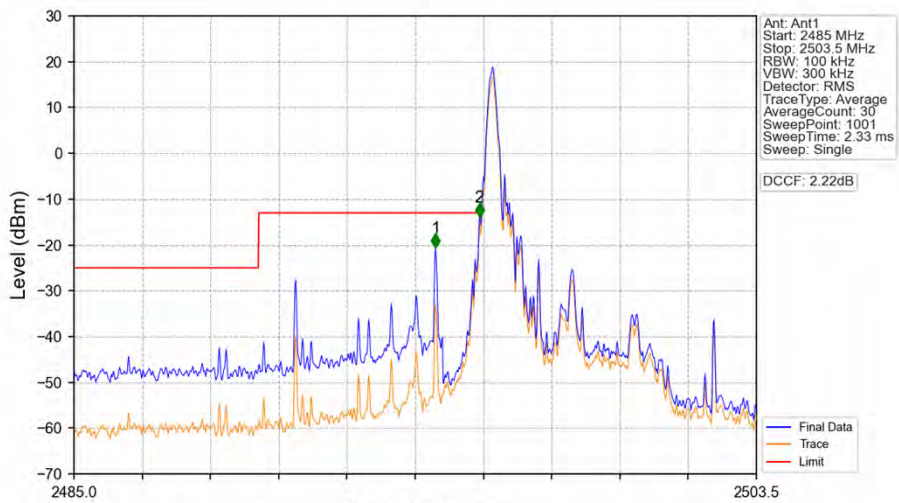
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	0	1	2690.000	-12.57	-10	Pass
2690	2691	0.1	0	2	2692.525	-22.82	-10	Pass

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



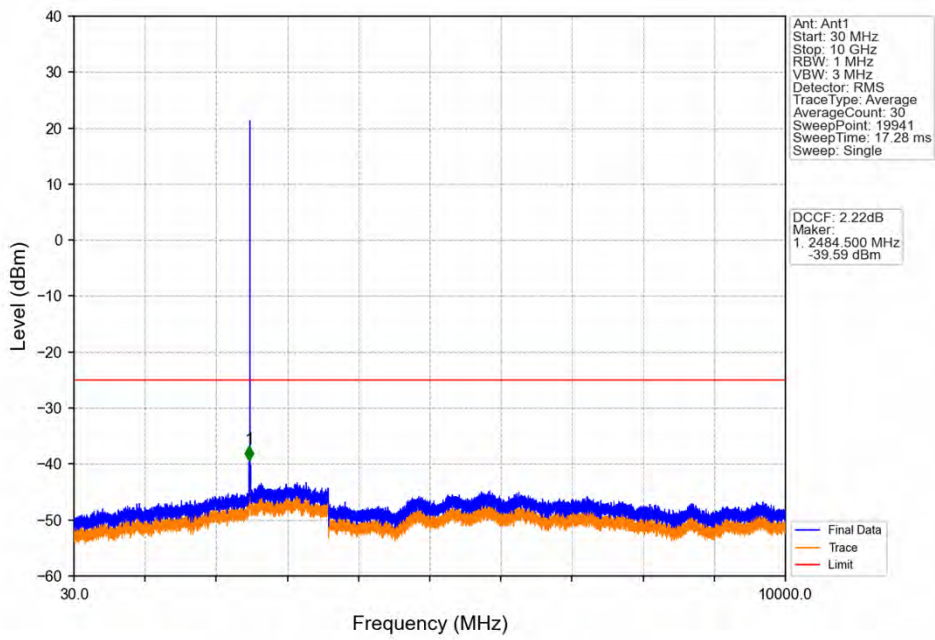
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.11	0	/	/	/	/	/
2690	2691	0.11	0	1	2690.000	-22.50	-10	Pass
2691	2707.5	1	9.59	2	2691.150	-16.93	-10	Pass

Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

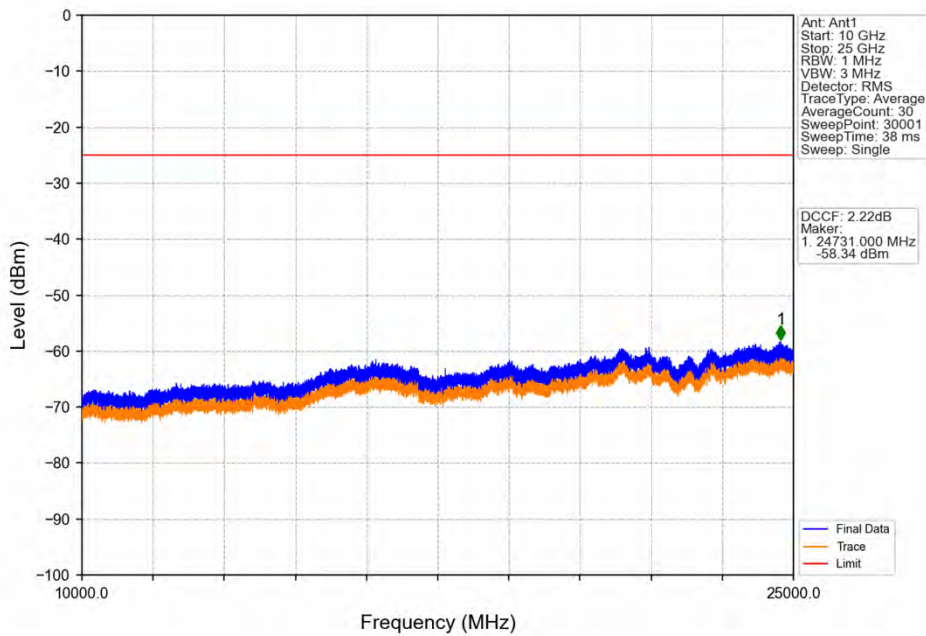


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	10	1	2494.805	-20.63	-13	Pass
2495	2496	0.1	0	2	2495.989	-13.88	-13	Pass
2496	2503.5	0.1	0	/	/	/	/	/

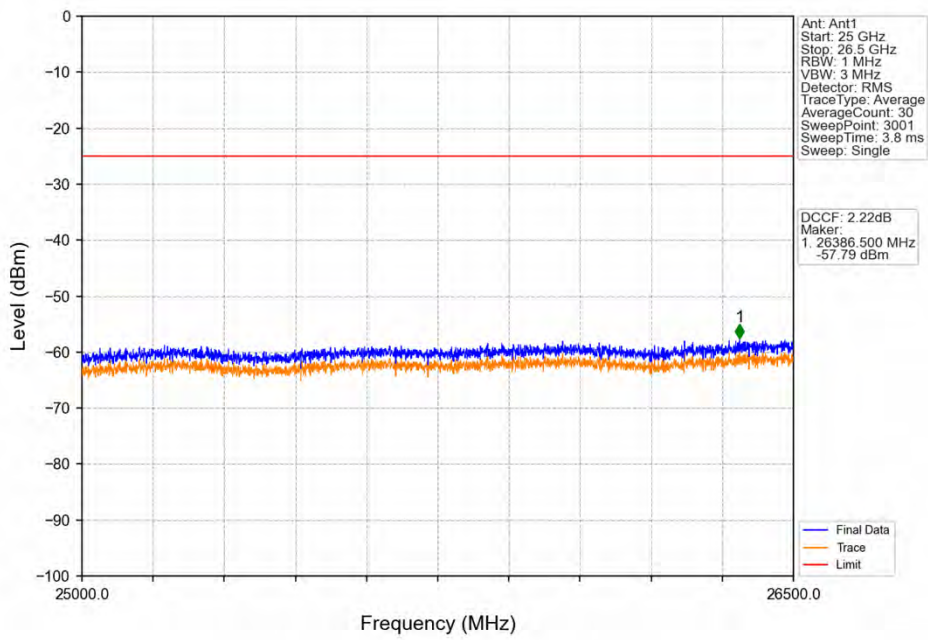
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



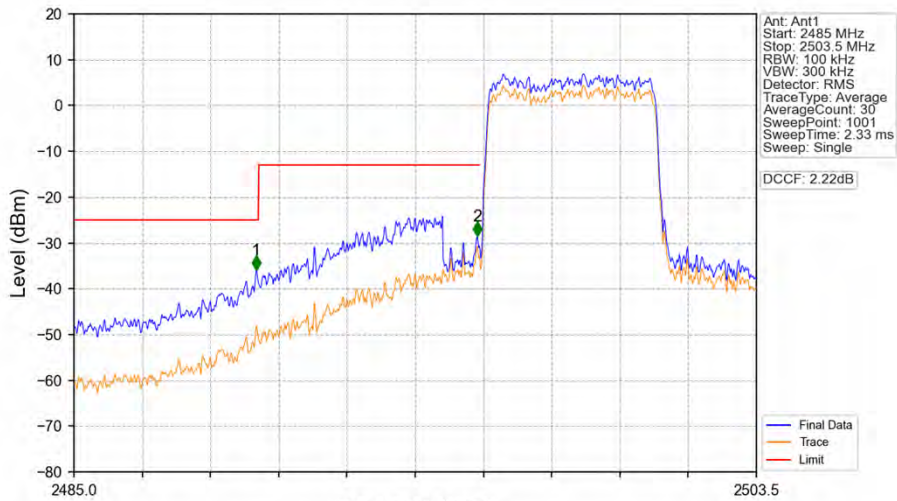
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

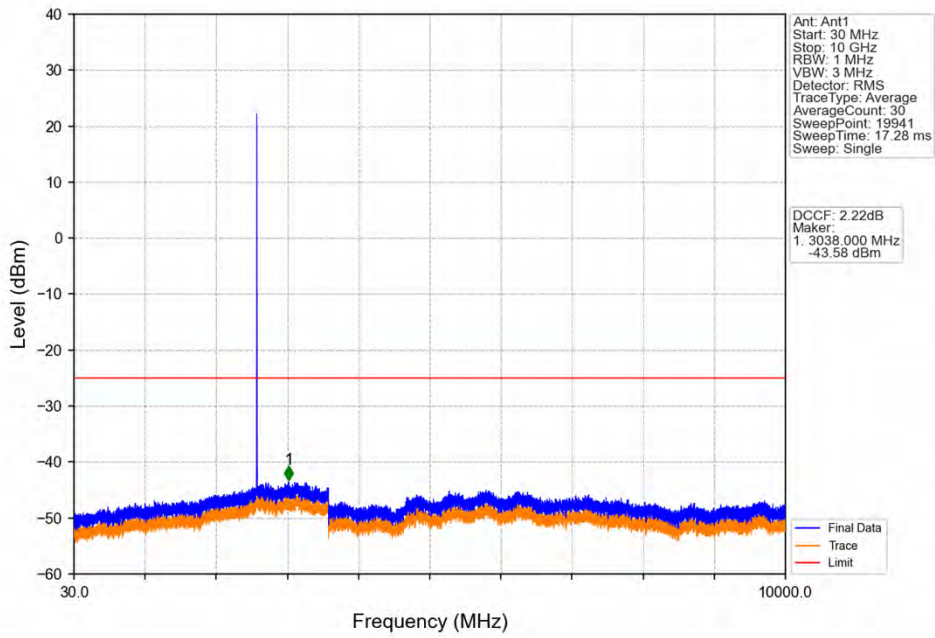


Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV

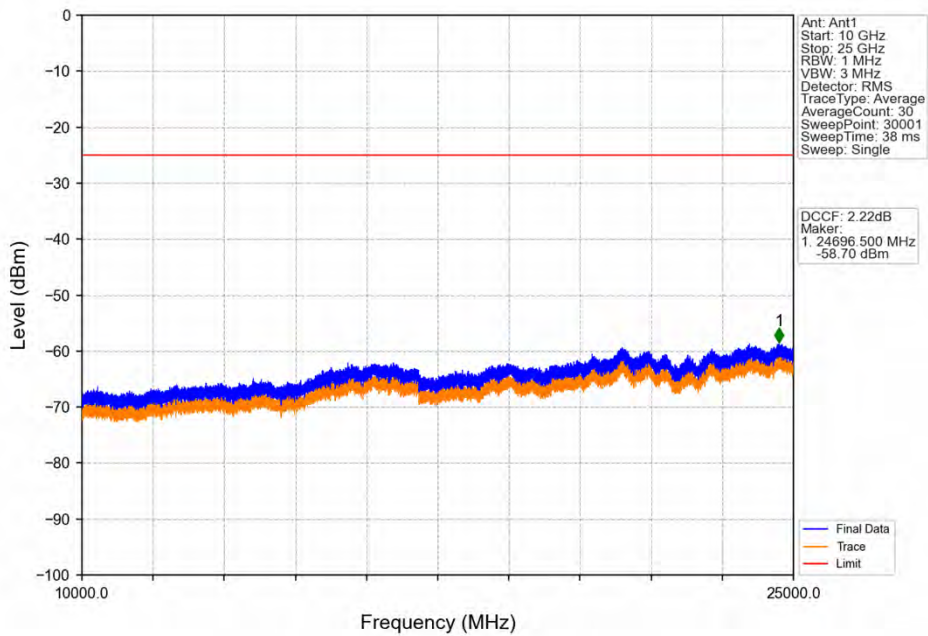


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	10	1	2489.939	-35.97	-25	Pass
2495	2496	0.1	0	2	2495.934	-28.45	-13	Pass
2496	2503.5	0.108	0.33	/	/	/	/	/

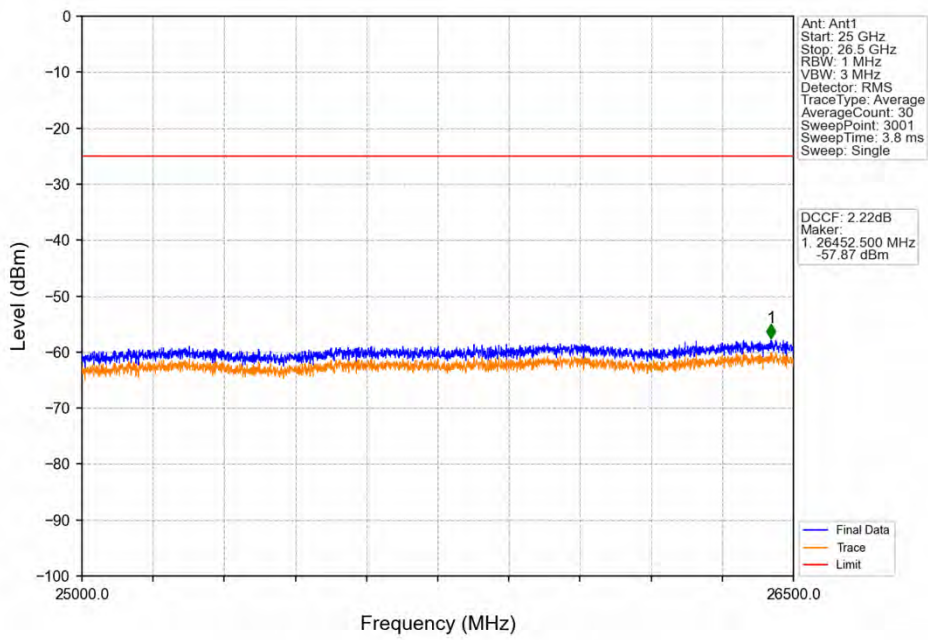
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



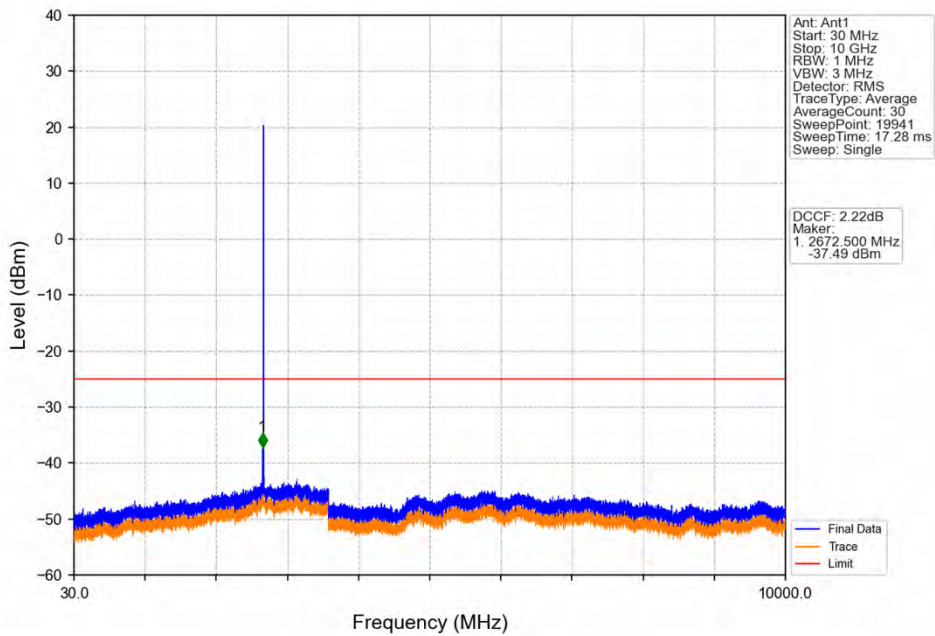
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



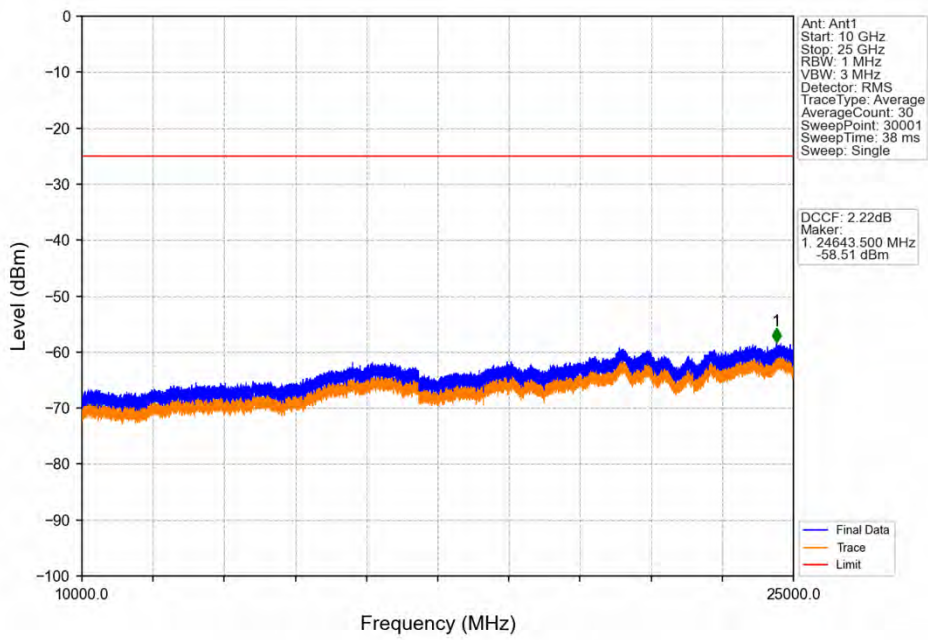
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



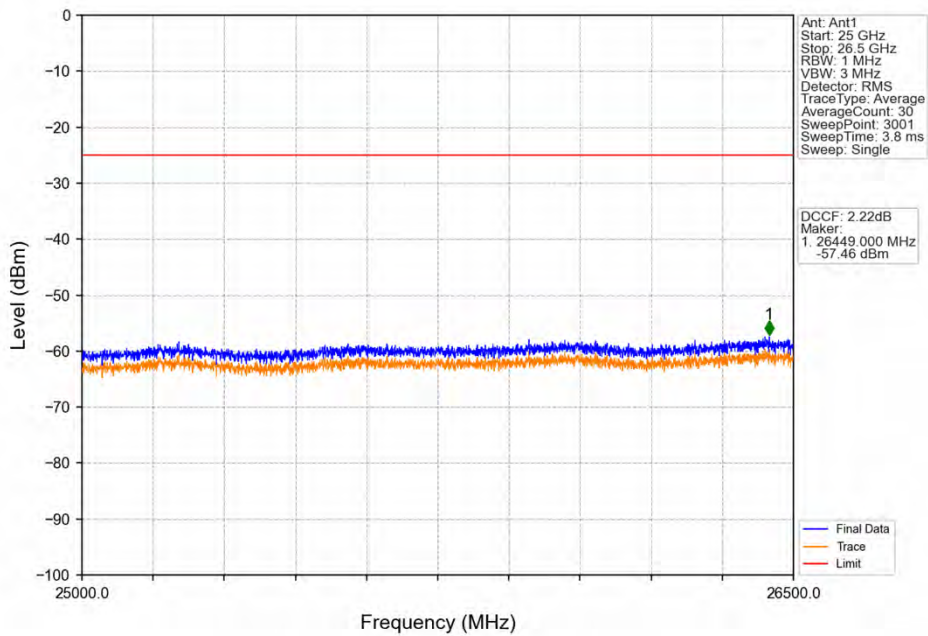
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



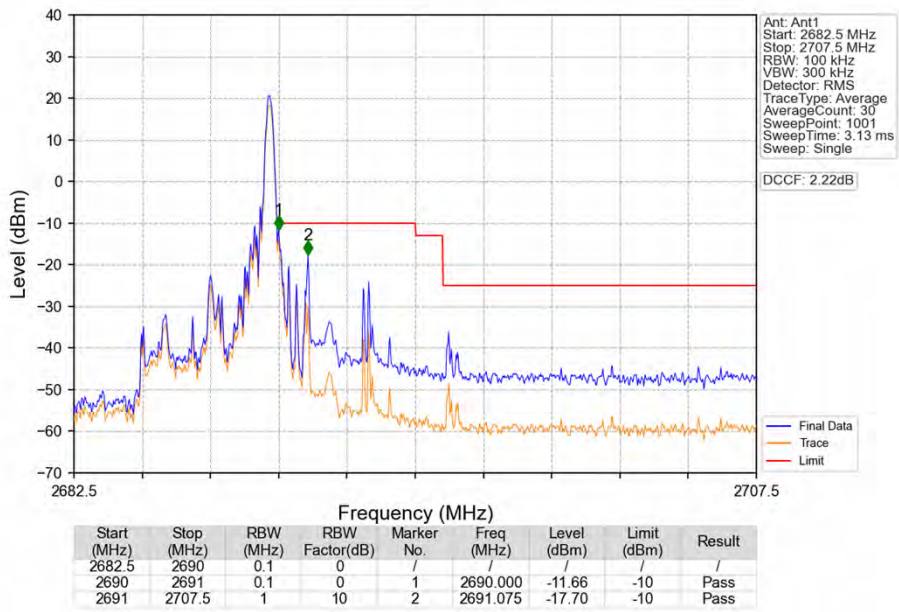
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



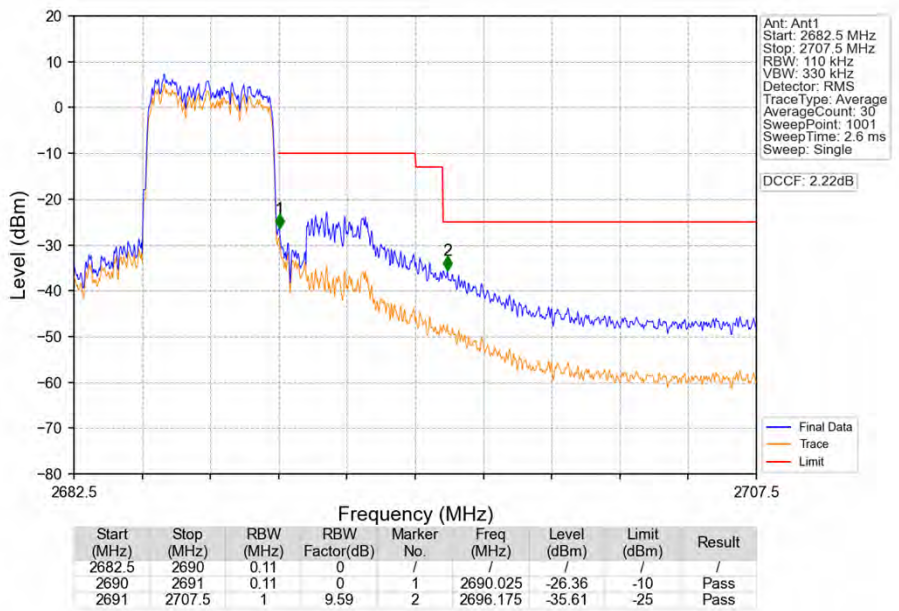
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_24_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV

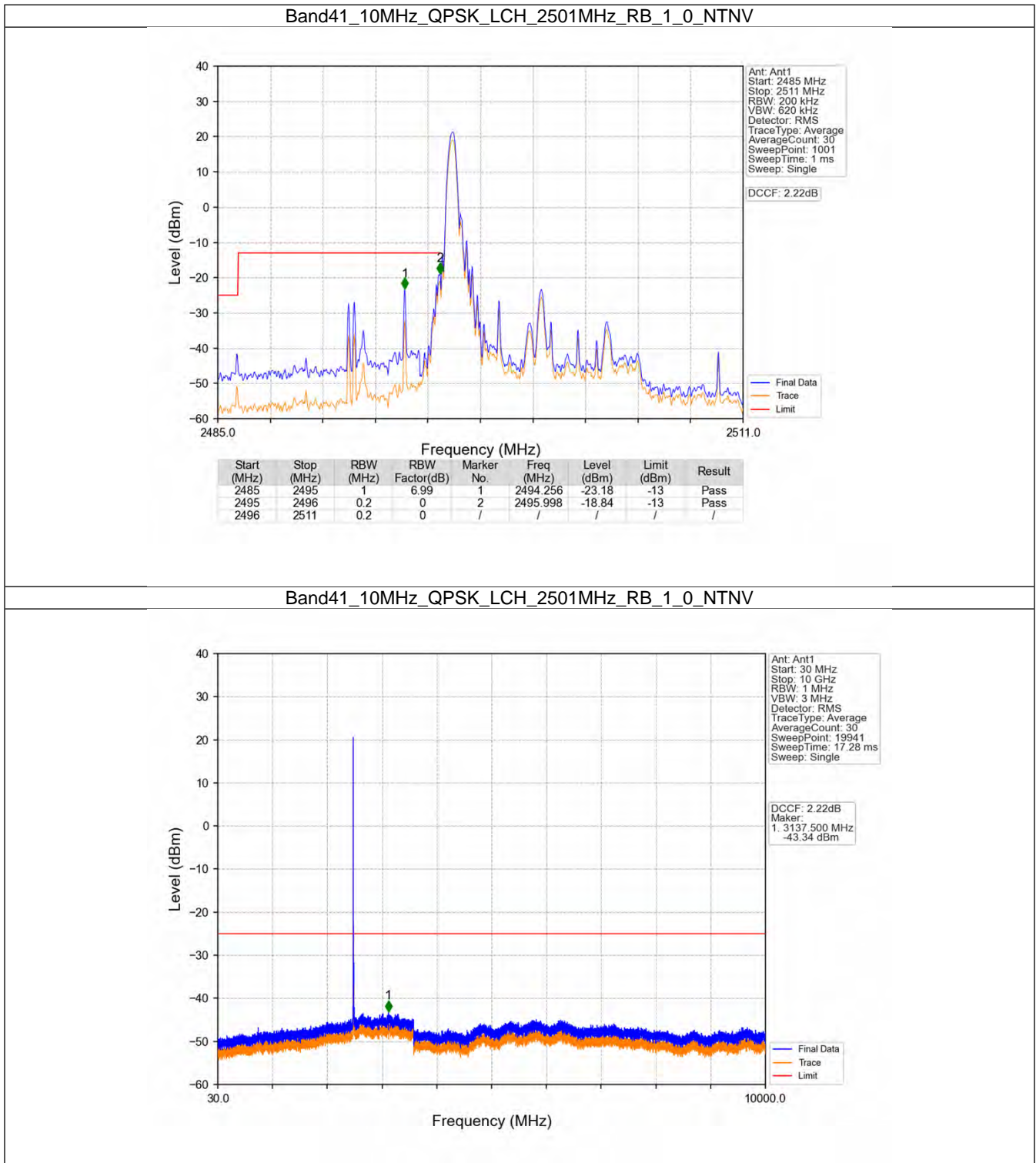


6.2 B41_10MHz

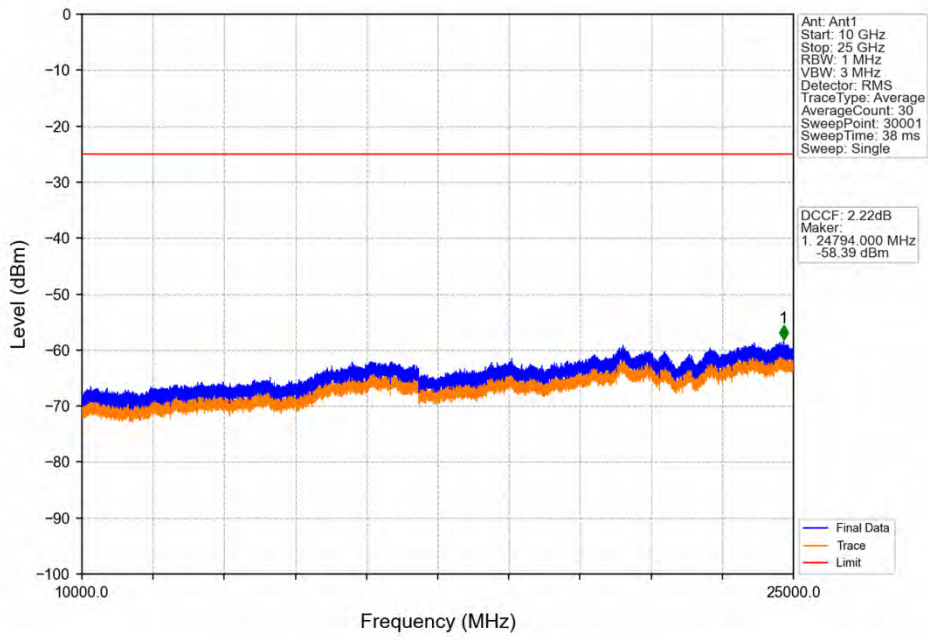
6.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

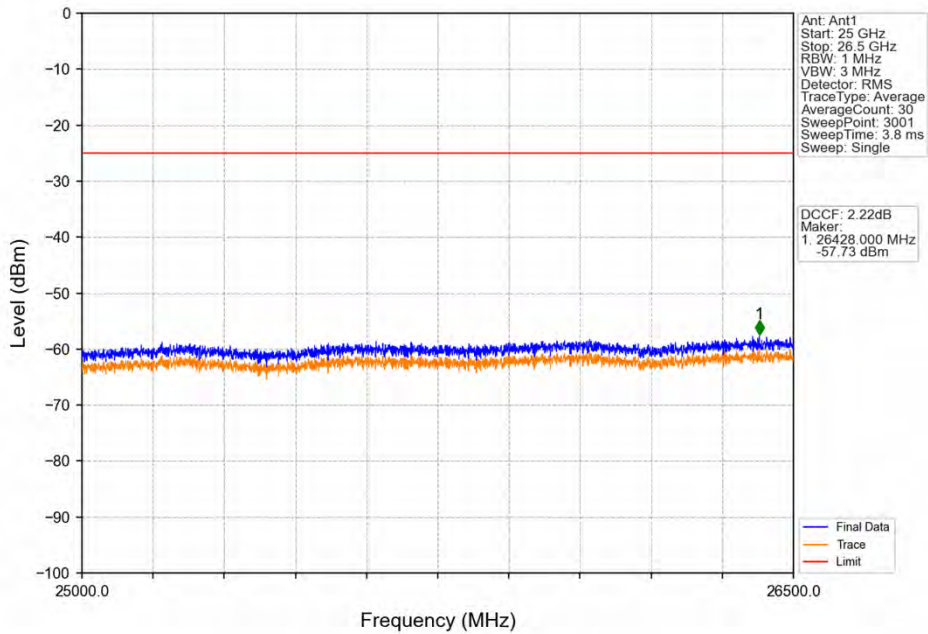
6.2.2 Test Graph



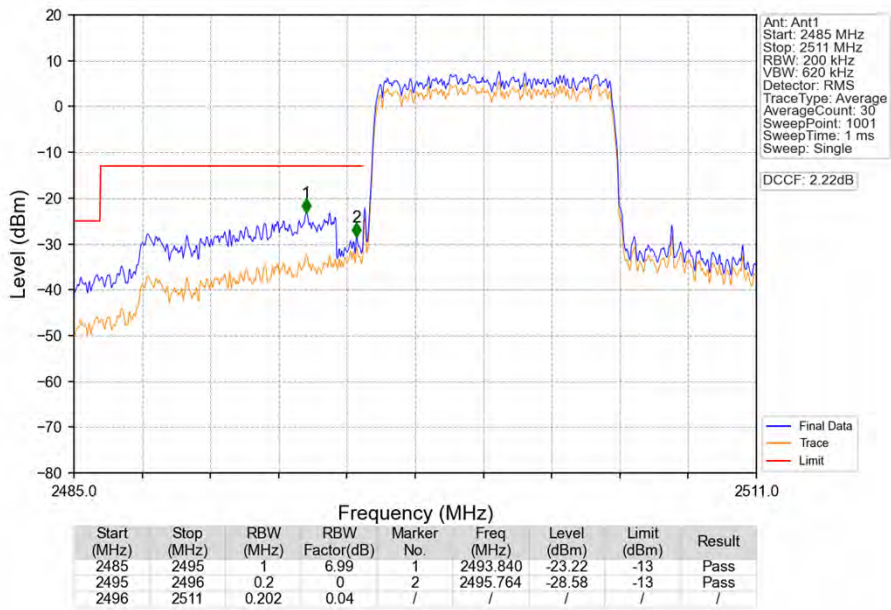
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



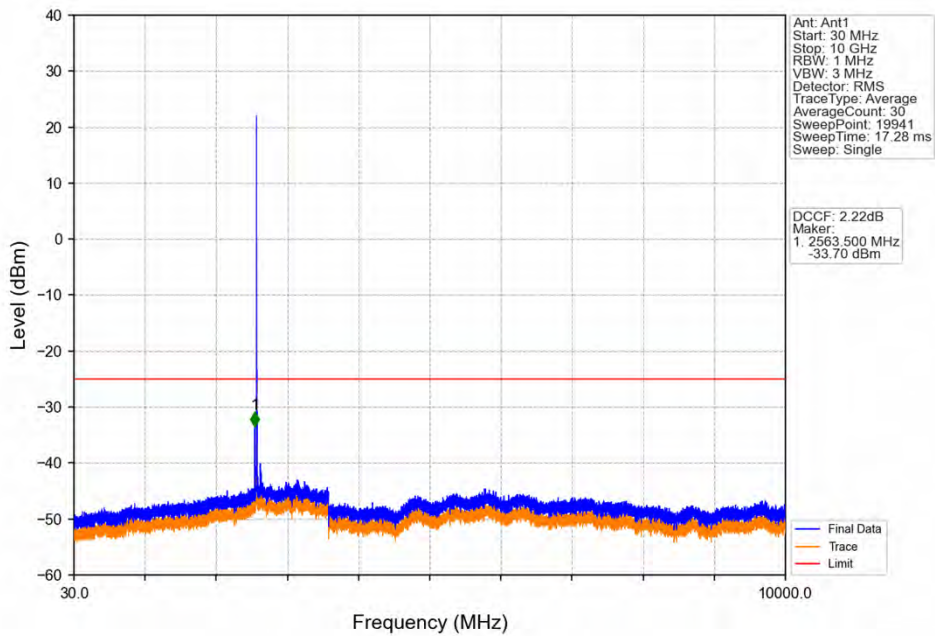
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



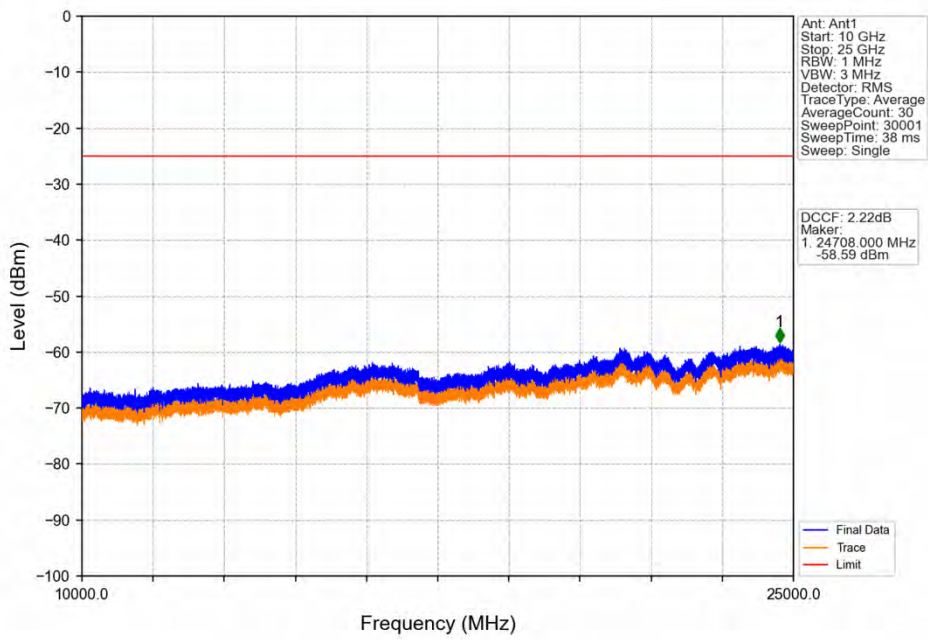
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



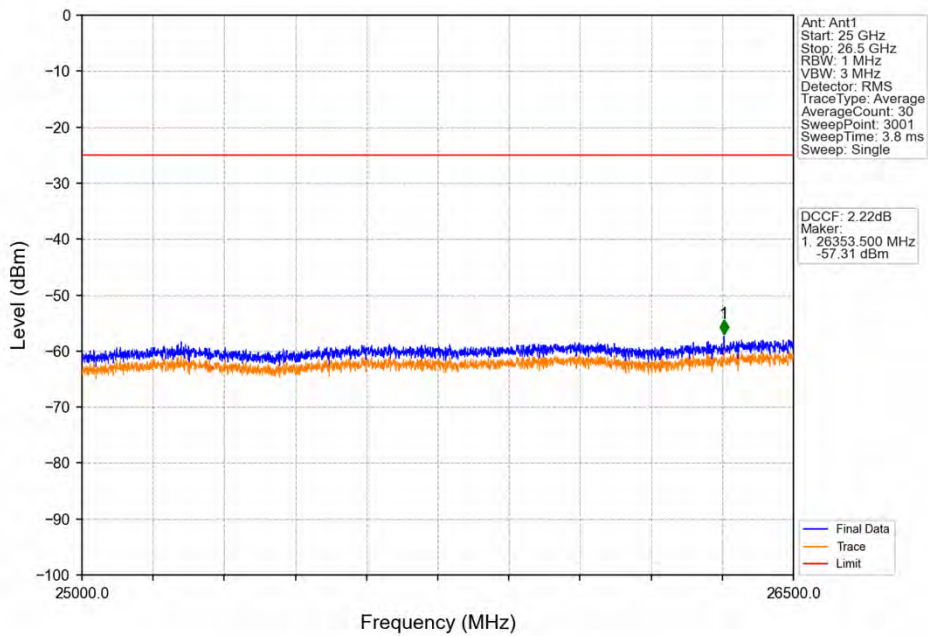
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



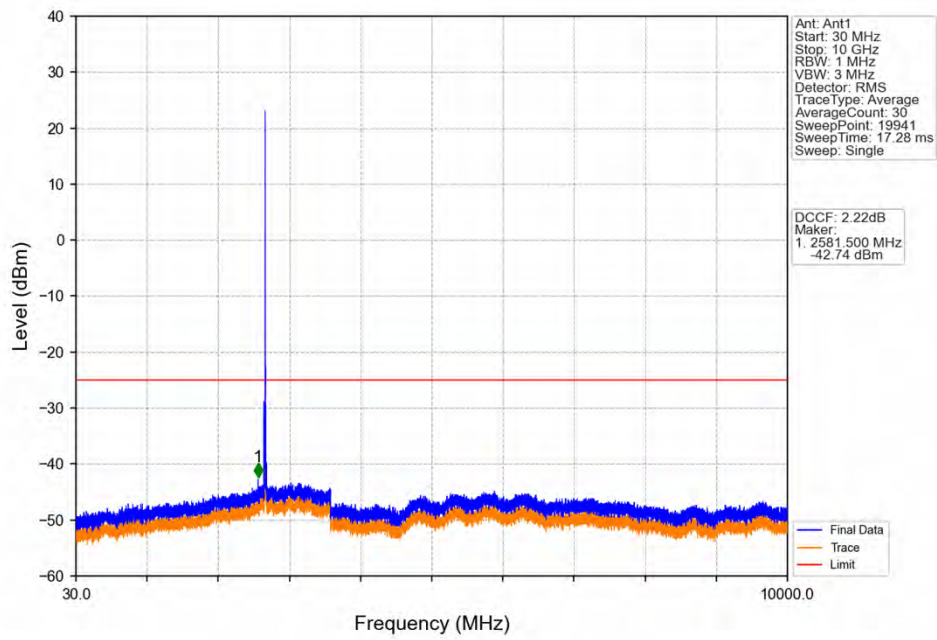
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

