

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	22.49	-1.91	20.58	<=33.01	Pass
			13	22.52	-1.91	20.61	<=33.01	Pass
			24	22.62	-1.91	20.71	<=33.01	Pass
		12	0	21.34	-1.91	19.43	<=33.01	Pass
			6	21.45	-1.91	19.54	<=33.01	Pass
			13	21.64	-1.91	19.73	<=33.01	Pass
		25	0	21.62	-1.91	19.71	<=33.01	Pass
	2593	1	0	23.27	-1.91	21.36	<=33.01	Pass
			13	23.33	-1.91	21.42	<=33.01	Pass
			24	23.36	-1.91	21.45	<=33.01	Pass
		12	0	22.34	-1.91	20.43	<=33.01	Pass
			6	22.37	-1.91	20.46	<=33.01	Pass
			13	22.37	-1.91	20.46	<=33.01	Pass
		25	0	22.38	-1.91	20.47	<=33.01	Pass
	2687.5	1	0	23.23	-1.91	21.32	<=33.01	Pass
			13	23.22	-1.91	21.31	<=33.01	Pass
			24	23.21	-1.91	21.30	<=33.01	Pass
		12	0	22.31	-1.91	20.40	<=33.01	Pass
			6	22.26	-1.91	20.35	<=33.01	Pass
			13	22.26	-1.91	20.35	<=33.01	Pass
		25	0	22.29	-1.91	20.38	<=33.01	Pass
16QAM	2498.5	1	0	21.58	-1.91	19.67	<=33.01	Pass
			13	21.62	-1.91	19.71	<=33.01	Pass
			24	21.73	-1.91	19.82	<=33.01	Pass
		12	0	20.57	-1.91	18.66	<=33.01	Pass
			6	20.44	-1.91	18.53	<=33.01	Pass
			13	20.63	-1.91	18.72	<=33.01	Pass
		25	0	20.66	-1.91	18.75	<=33.01	Pass
	2593	1	0	22.39	-1.91	20.48	<=33.01	Pass
			13	22.44	-1.91	20.53	<=33.01	Pass
			24	22.47	-1.91	20.56	<=33.01	Pass
		12	0	21.33	-1.91	19.42	<=33.01	Pass
			6	21.36	-1.91	19.45	<=33.01	Pass
			13	21.35	-1.91	19.44	<=33.01	Pass
		25	0	21.41	-1.91	19.50	<=33.01	Pass
	2687.5	1	0	22.24	-1.91	20.33	<=33.01	Pass
			13	22.32	-1.91	20.41	<=33.01	Pass
			24	22.33	-1.91	20.42	<=33.01	Pass
		12	0	21.29	-1.91	19.38	<=33.01	Pass
			6	21.25	-1.91	19.34	<=33.01	Pass
			13	21.25	-1.91	19.34	<=33.01	Pass
		25	0	21.33	-1.91	19.42	<=33.01	Pass
64QAM	2498.5	1	0	20.25	-1.91	18.34	<=33.01	Pass
			13	20.27	-1.91	18.36	<=33.01	Pass
			24	20.38	-1.91	18.47	<=33.01	Pass
		12	0	19.51	-1.91	17.60	<=33.01	Pass
			6	19.53	-1.91	17.62	<=33.01	Pass
			13	19.57	-1.91	17.66	<=33.01	Pass
		25	0	19.54	-1.91	17.63	<=33.01	Pass

	2593	1	0	21.00	-1.91	19.09	<=33.01	Pass	
			13	21.06	-1.91	19.15	<=33.01	Pass	
			24	21.08	-1.91	19.17	<=33.01	Pass	
		12	0	20.40	-1.91	18.49	<=33.01	Pass	
			6	20.42	-1.91	18.51	<=33.01	Pass	
			13	20.42	-1.91	18.51	<=33.01	Pass	
		25	0	20.44	-1.91	18.53	<=33.01	Pass	
		2687.5	1	0	21.01	-1.91	19.10	<=33.01	Pass
				13	20.96	-1.91	19.05	<=33.01	Pass
	24			20.97	-1.91	19.06	<=33.01	Pass	
	12		0	20.38	-1.91	18.47	<=33.01	Pass	
			6	20.31	-1.91	18.40	<=33.01	Pass	
			13	20.35	-1.91	18.44	<=33.01	Pass	
	25		0	20.34	-1.91	18.43	<=33.01	Pass	
256QAM	2498.5	1	0	17.41	-1.91	15.50	<=33.01	Pass	
			13	17.45	-1.91	15.54	<=33.01	Pass	
			24	17.52	-1.91	15.61	<=33.01	Pass	
		12	0	17.71	-1.91	15.80	<=33.01	Pass	
			6	17.75	-1.91	15.84	<=33.01	Pass	
			13	17.81	-1.91	15.90	<=33.01	Pass	
		25	0	17.63	-1.91	15.72	<=33.01	Pass	
	2593	1	0	18.05	-1.91	16.14	<=33.01	Pass	
			13	18.22	-1.91	16.31	<=33.01	Pass	
			24	18.05	-1.91	16.14	<=33.01	Pass	
		12	0	18.43	-1.91	16.52	<=33.01	Pass	
			6	18.49	-1.91	16.58	<=33.01	Pass	
			13	18.49	-1.91	16.58	<=33.01	Pass	
		25	0	18.43	-1.91	16.52	<=33.01	Pass	
	2687.5	1	0	18.15	-1.91	16.24	<=33.01	Pass	
			13	18.13	-1.91	16.22	<=33.01	Pass	
			24	18.11	-1.91	16.20	<=33.01	Pass	
		12	0	18.42	-1.91	16.51	<=33.01	Pass	
			6	18.37	-1.91	16.46	<=33.01	Pass	
			13	18.36	-1.91	16.45	<=33.01	Pass	
		25	0	18.34	-1.91	16.43	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.2 B41_10MHz_EIRP

Band: 41 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2501	1	0	22.54	-1.91	20.63	<=33.01	Pass
			25	22.63	-1.91	20.72	<=33.01	Pass
			49	22.85	-1.91	20.94	<=33.01	Pass
		25	0	21.66	-1.91	19.75	<=33.01	Pass
			13	21.72	-1.91	19.81	<=33.01	Pass
			25	21.84	-1.91	19.93	<=33.01	Pass
		50	0	21.74	-1.91	19.83	<=33.01	Pass
	2593	1	0	23.26	-1.91	21.35	<=33.01	Pass
			25	23.34	-1.91	21.43	<=33.01	Pass
			49	23.38	-1.91	21.47	<=33.01	Pass
		25	0	22.36	-1.91	20.45	<=33.01	Pass
			13	22.40	-1.91	20.49	<=33.01	Pass
			25	22.39	-1.91	20.48	<=33.01	Pass
		50	0	22.38	-1.91	20.47	<=33.01	Pass
	2685	1	0	23.35	-1.91	21.44	<=33.01	Pass

		25	25	23.22	-1.91	21.31	<=33.01	Pass
			49	23.23	-1.91	21.32	<=33.01	Pass
			0	22.39	-1.91	20.48	<=33.01	Pass
			13	22.33	-1.91	20.42	<=33.01	Pass
			25	22.29	-1.91	20.38	<=33.01	Pass
		50	0	22.33	-1.91	20.42	<=33.01	Pass
16QAM	2501	1	0	21.64	-1.91	19.73	<=33.01	Pass
			25	21.76	-1.91	19.85	<=33.01	Pass
			49	21.98	-1.91	20.07	<=33.01	Pass
		25	0	20.54	-1.91	18.63	<=33.01	Pass
			13	20.61	-1.91	18.70	<=33.01	Pass
			25	20.88	-1.91	18.97	<=33.01	Pass
		50	0	20.79	-1.91	18.88	<=33.01	Pass
	2593	1	0	22.23	-1.91	20.32	<=33.01	Pass
			25	22.48	-1.91	20.57	<=33.01	Pass
			49	22.47	-1.91	20.56	<=33.01	Pass
		25	0	21.36	-1.91	19.45	<=33.01	Pass
			13	21.42	-1.91	19.51	<=33.01	Pass
			25	21.40	-1.91	19.49	<=33.01	Pass
		50	0	21.41	-1.91	19.50	<=33.01	Pass
	2685	1	0	22.40	-1.91	20.49	<=33.01	Pass
			25	22.34	-1.91	20.43	<=33.01	Pass
			49	22.35	-1.91	20.44	<=33.01	Pass
		25	0	21.41	-1.91	19.50	<=33.01	Pass
			13	21.34	-1.91	19.43	<=33.01	Pass
			25	21.30	-1.91	19.39	<=33.01	Pass
		50	0	21.39	-1.91	19.48	<=33.01	Pass
64QAM	2501	1	0	20.25	-1.91	18.34	<=33.01	Pass
			25	20.33	-1.91	18.42	<=33.01	Pass
			49	20.59	-1.91	18.68	<=33.01	Pass
		25	0	19.72	-1.91	17.81	<=33.01	Pass
			13	19.74	-1.91	17.83	<=33.01	Pass
			25	19.90	-1.91	17.99	<=33.01	Pass
		50	0	19.56	-1.91	17.65	<=33.01	Pass
	2593	1	0	20.99	-1.91	19.08	<=33.01	Pass
			25	21.07	-1.91	19.16	<=33.01	Pass
			49	21.09	-1.91	19.18	<=33.01	Pass
		25	0	20.40	-1.91	18.49	<=33.01	Pass
			13	20.46	-1.91	18.55	<=33.01	Pass
			25	20.44	-1.91	18.53	<=33.01	Pass
		50	0	20.40	-1.91	18.49	<=33.01	Pass
	2685	1	0	21.09	-1.91	19.18	<=33.01	Pass
			25	20.96	-1.91	19.05	<=33.01	Pass
			49	20.96	-1.91	19.05	<=33.01	Pass
		25	0	20.41	-1.91	18.50	<=33.01	Pass
			13	20.36	-1.91	18.45	<=33.01	Pass
			25	20.33	-1.91	18.42	<=33.01	Pass
		50	0	20.35	-1.91	18.44	<=33.01	Pass
256QAM	2501	1	0	17.45	-1.91	15.54	<=33.01	Pass
			25	17.58	-1.91	15.67	<=33.01	Pass
			49	17.84	-1.91	15.93	<=33.01	Pass
		25	0	17.71	-1.91	15.80	<=33.01	Pass
			13	17.65	-1.91	15.74	<=33.01	Pass
			25	17.88	-1.91	15.97	<=33.01	Pass
		50	0	17.81	-1.91	15.90	<=33.01	Pass
	2593	1	0	18.20	-1.91	16.29	<=33.01	Pass
			25	18.18	-1.91	16.27	<=33.01	Pass
			49	18.20	-1.91	16.29	<=33.01	Pass
		25	0	18.39	-1.91	16.48	<=33.01	Pass

		50	13	18.44	-1.91	16.53	<=33.01	Pass
			25	18.43	-1.91	16.52	<=33.01	Pass
			0	18.46	-1.91	16.55	<=33.01	Pass
	2685	1	0	18.29	-1.91	16.38	<=33.01	Pass
			25	18.18	-1.91	16.27	<=33.01	Pass
			49	18.19	-1.91	16.28	<=33.01	Pass
		25	0	18.42	-1.91	16.51	<=33.01	Pass
			13	18.35	-1.91	16.44	<=33.01	Pass
			25	18.33	-1.91	16.42	<=33.01	Pass
		50	0	18.41	-1.91	16.50	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B41_15MHz_EIRP

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	22.55	-1.91	20.64	<=33.01	Pass
			38	22.77	-1.91	20.86	<=33.01	Pass
			74	23.10	-1.91	21.19	<=33.01	Pass
		36	0	21.67	-1.91	19.76	<=33.01	Pass
			18	21.83	-1.91	19.92	<=33.01	Pass
			39	21.99	-1.91	20.08	<=33.01	Pass
		75	0	21.86	-1.91	19.95	<=33.01	Pass
	2593	1	0	22.99	-1.91	21.08	<=33.01	Pass
			38	23.38	-1.91	21.47	<=33.01	Pass
			74	23.41	-1.91	21.50	<=33.01	Pass
		36	0	22.33	-1.91	20.42	<=33.01	Pass
			18	22.36	-1.91	20.45	<=33.01	Pass
			39	22.41	-1.91	20.50	<=33.01	Pass
		75	0	22.41	-1.91	20.50	<=33.01	Pass
	2682.5	1	0	23.39	-1.91	21.48	<=33.01	Pass
			38	23.30	-1.91	21.39	<=33.01	Pass
			74	23.25	-1.91	21.34	<=33.01	Pass
		36	0	22.40	-1.91	20.49	<=33.01	Pass
			18	22.34	-1.91	20.43	<=33.01	Pass
			39	22.30	-1.91	20.39	<=33.01	Pass
		75	0	22.38	-1.91	20.47	<=33.01	Pass
16QAM	2503.5	1	0	21.52	-1.91	19.61	<=33.01	Pass
			38	21.88	-1.91	19.97	<=33.01	Pass
			74	22.16	-1.91	20.25	<=33.01	Pass
		36	0	20.67	-1.91	18.76	<=33.01	Pass
			18	20.81	-1.91	18.90	<=33.01	Pass
			39	20.98	-1.91	19.07	<=33.01	Pass
		75	0	20.91	-1.91	19.00	<=33.01	Pass
	2593	1	0	22.36	-1.91	20.45	<=33.01	Pass
			38	22.45	-1.91	20.54	<=33.01	Pass
			74	22.52	-1.91	20.61	<=33.01	Pass
		36	0	21.29	-1.91	19.38	<=33.01	Pass
			18	21.36	-1.91	19.45	<=33.01	Pass
			39	21.39	-1.91	19.48	<=33.01	Pass
		75	0	21.43	-1.91	19.52	<=33.01	Pass
	2682.5	1	0	22.49	-1.91	20.58	<=33.01	Pass
			38	22.39	-1.91	20.48	<=33.01	Pass
			74	22.35	-1.91	20.44	<=33.01	Pass
		36	0	21.39	-1.91	19.48	<=33.01	Pass
			18	21.32	-1.91	19.41	<=33.01	Pass

			39	21.29	-1.91	19.38	<=33.01	Pass		
		75	0	21.40	-1.91	19.49	<=33.01	Pass		
64QAM	2503.5	1	0	20.27	-1.91	18.36	<=33.01	Pass		
			38	20.51	-1.91	18.60	<=33.01	Pass		
			74	20.81	-1.91	18.90	<=33.01	Pass		
			0	19.33	-1.91	17.42	<=33.01	Pass		
		36	18	19.66	-1.91	17.75	<=33.01	Pass		
			39	20.00	-1.91	18.09	<=33.01	Pass		
			75	0	19.92	-1.91	18.01	<=33.01	Pass	
		2593	1	0	20.93	-1.91	19.02	<=33.01	Pass	
				38	21.12	-1.91	19.21	<=33.01	Pass	
	74			21.12	-1.91	19.21	<=33.01	Pass		
	36		0	20.32	-1.91	18.41	<=33.01	Pass		
			18	20.38	-1.91	18.47	<=33.01	Pass		
			39	20.41	-1.91	18.50	<=33.01	Pass		
	75		0	20.44	-1.91	18.53	<=33.01	Pass		
	2682.5	1	0	21.11	-1.91	19.20	<=33.01	Pass		
			38	21.03	-1.91	19.12	<=33.01	Pass		
			74	20.97	-1.91	19.06	<=33.01	Pass		
		36	0	20.41	-1.91	18.50	<=33.01	Pass		
			18	20.35	-1.91	18.44	<=33.01	Pass		
			39	20.31	-1.91	18.40	<=33.01	Pass		
		75	0	20.42	-1.91	18.51	<=33.01	Pass		
		256QAM	2503.5	1	0	17.47	-1.91	15.56	<=33.01	Pass
					38	17.71	-1.91	15.80	<=33.01	Pass
74	18.05				-1.91	16.14	<=33.01	Pass		
36	0			17.73	-1.91	15.82	<=33.01	Pass		
	18			17.87	-1.91	15.96	<=33.01	Pass		
	39			18.02	-1.91	16.11	<=33.01	Pass		
75	0			17.84	-1.91	15.93	<=33.01	Pass		
2593	1		0	18.07	-1.91	16.16	<=33.01	Pass		
			38	18.25	-1.91	16.34	<=33.01	Pass		
			74	18.25	-1.91	16.34	<=33.01	Pass		
	36		0	18.34	-1.91	16.43	<=33.01	Pass		
			18	18.40	-1.91	16.49	<=33.01	Pass		
			39	18.45	-1.91	16.54	<=33.01	Pass		
75	0		18.45	-1.91	16.54	<=33.01	Pass			
2682.5	1		0	18.34	-1.91	16.43	<=33.01	Pass		
			38	18.24	-1.91	16.33	<=33.01	Pass		
			74	18.20	-1.91	16.29	<=33.01	Pass		
	36		0	18.44	-1.91	16.53	<=33.01	Pass		
			18	18.38	-1.91	16.47	<=33.01	Pass		
			39	18.34	-1.91	16.43	<=33.01	Pass		
	75		0	18.45	-1.91	16.54	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.4 B41_20MHz_EIRP

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	22.37	-1.91	20.46	<=33.01	Pass
			50	22.72	-1.91	20.81	<=33.01	Pass
			99	23.07	-1.91	21.16	<=33.01	Pass
		50	0	21.82	-1.91	19.91	<=33.01	Pass
			25	21.99	-1.91	20.08	<=33.01	Pass
			50	22.17	-1.91	20.26	<=33.01	Pass

		100	0	21.97	-1.91	20.06	<=33.01	Pass
	2593	1	0	23.02	-1.91	21.11	<=33.01	Pass
			50	23.18	-1.91	21.27	<=33.01	Pass
			99	23.21	-1.91	21.30	<=33.01	Pass
			0	22.37	-1.91	20.46	<=33.01	Pass
		25	22.43	-1.91	20.52	<=33.01	Pass	
		50	22.47	-1.91	20.56	<=33.01	Pass	
	100	0	22.43	-1.91	20.52	<=33.01	Pass	
	2680	1	0	23.46	-1.91	21.55	<=33.01	Pass
			50	23.33	-1.91	21.42	<=33.01	Pass
			99	23.27	-1.91	21.36	<=33.01	Pass
		50	0	22.48	-1.91	20.57	<=33.01	Pass
			25	22.42	-1.91	20.51	<=33.01	Pass
			50	22.36	-1.91	20.45	<=33.01	Pass
	100	0	22.44	-1.91	20.53	<=33.01	Pass	
16QAM	2506	1	0	21.69	-1.91	19.78	<=33.01	Pass
			50	22.04	-1.91	20.13	<=33.01	Pass
			99	22.19	-1.91	20.28	<=33.01	Pass
		50	0	20.84	-1.91	18.93	<=33.01	Pass
			25	21.01	-1.91	19.10	<=33.01	Pass
			50	21.19	-1.91	19.28	<=33.01	Pass
		100	0	21.00	-1.91	19.09	<=33.01	Pass
	2593	1	0	22.24	-1.91	20.33	<=33.01	Pass
			50	22.52	-1.91	20.61	<=33.01	Pass
			99	22.56	-1.91	20.65	<=33.01	Pass
		50	0	21.41	-1.91	19.50	<=33.01	Pass
			25	21.46	-1.91	19.55	<=33.01	Pass
			50	21.46	-1.91	19.55	<=33.01	Pass
		100	0	21.47	-1.91	19.56	<=33.01	Pass
	2680	1	0	22.57	-1.91	20.66	<=33.01	Pass
			50	22.41	-1.91	20.50	<=33.01	Pass
			99	22.35	-1.91	20.44	<=33.01	Pass
		50	0	21.52	-1.91	19.61	<=33.01	Pass
			25	21.40	-1.91	19.49	<=33.01	Pass
			50	21.37	-1.91	19.46	<=33.01	Pass
		100	0	21.45	-1.91	19.54	<=33.01	Pass
64QAM	2506	1	0	20.29	-1.91	18.38	<=33.01	Pass
			50	20.64	-1.91	18.73	<=33.01	Pass
			99	20.82	-1.91	18.91	<=33.01	Pass
		50	0	19.70	-1.91	17.79	<=33.01	Pass
			25	19.87	-1.91	17.96	<=33.01	Pass
			50	20.11	-1.91	18.20	<=33.01	Pass
		100	0	19.99	-1.91	18.08	<=33.01	Pass
	2593	1	0	20.89	-1.91	18.98	<=33.01	Pass
			50	21.13	-1.91	19.22	<=33.01	Pass
			99	21.15	-1.91	19.24	<=33.01	Pass
		50	0	20.39	-1.91	18.48	<=33.01	Pass
			25	20.46	-1.91	18.55	<=33.01	Pass
			50	20.49	-1.91	18.58	<=33.01	Pass
		100	0	20.45	-1.91	18.54	<=33.01	Pass
	2680	1	0	21.18	-1.91	19.27	<=33.01	Pass
			50	21.06	-1.91	19.15	<=33.01	Pass
			99	21.00	-1.91	19.09	<=33.01	Pass
		50	0	20.52	-1.91	18.61	<=33.01	Pass
			25	20.45	-1.91	18.54	<=33.01	Pass
			50	20.36	-1.91	18.45	<=33.01	Pass
		100	0	20.45	-1.91	18.54	<=33.01	Pass
256QAM	2506	1	0	17.50	-1.91	15.59	<=33.01	Pass
			50	17.85	-1.91	15.94	<=33.01	Pass

			99	18.01	-1.91	16.10	<=33.01	Pass
		50	0	17.88	-1.91	15.97	<=33.01	Pass
			25	18.06	-1.91	16.15	<=33.01	Pass
			50	18.23	-1.91	16.32	<=33.01	Pass
		100	0	17.98	-1.91	16.07	<=33.01	Pass
	2593	1	0	18.10	-1.91	16.19	<=33.01	Pass
			50	18.25	-1.91	16.34	<=33.01	Pass
			99	18.37	-1.91	16.46	<=33.01	Pass
		50	0	18.44	-1.91	16.53	<=33.01	Pass
			25	18.51	-1.91	16.60	<=33.01	Pass
			50	18.55	-1.91	16.64	<=33.01	Pass
		100	0	18.44	-1.91	16.53	<=33.01	Pass
	2680	1	0	18.37	-1.91	16.46	<=33.01	Pass
			50	18.28	-1.91	16.37	<=33.01	Pass
			99	18.23	-1.91	16.32	<=33.01	Pass
		50	0	18.57	-1.91	16.66	<=33.01	Pass
			25	18.50	-1.91	16.59	<=33.01	Pass
			50	18.42	-1.91	16.51	<=33.01	Pass
		100	0	18.46	-1.91	16.55	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B41_10MHz

Band: 41 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2593	50	0	20	LV	-11.800	-0.0046	-2.5 to 2.5	Pass
					NV	4.700	0.0018	-2.5 to 2.5	Pass
					HV	-8.700	-0.0034	-2.5 to 2.5	Pass
				-30	NV	-17.300	-0.0067	-2.5 to 2.5	Pass
				-20	NV	5.500	0.0021	-2.5 to 2.5	Pass
				-10	NV	-7.800	-0.0030	-2.5 to 2.5	Pass
				0	NV	-5.200	-0.0020	-2.5 to 2.5	Pass
				10	NV	5.300	0.0020	-2.5 to 2.5	Pass
				30	NV	5.400	0.0021	-2.5 to 2.5	Pass
				40	NV	-10.800	-0.0042	-2.5 to 2.5	Pass
				50	NV	-4.400	-0.0017	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

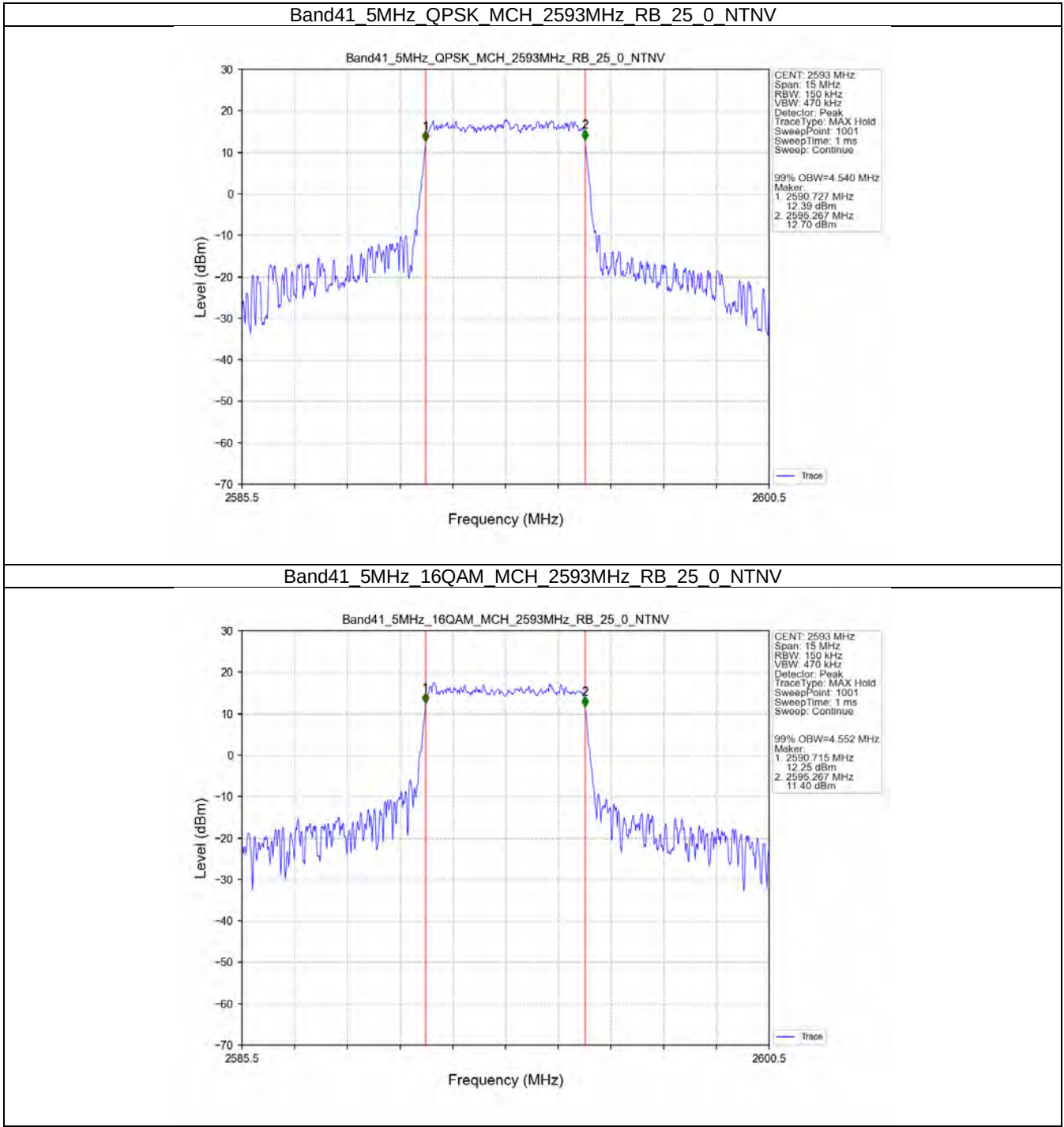
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.540	/	Pass
	16QAM	2593	25	0	4.552	/	Pass
	64QAM	2593	25	0	4.529	/	Pass
	256QAM	2593	25	0	4.547	/	Pass
10	QPSK	2593	50	0	9.071	/	Pass
	16QAM	2593	50	0	9.047	/	Pass
	64QAM	2593	50	0	9.114	/	Pass
	256QAM	2593	50	0	9.043	/	Pass
15	QPSK	2593	75	0	13.660	/	Pass
	16QAM	2593	75	0	13.609	/	Pass
	64QAM	2593	75	0	13.605	/	Pass
	256QAM	2593	75	0	13.637	/	Pass
20	QPSK	2593	100	0	18.106	/	Pass
	16QAM	2593	100	0	18.116	/	Pass
	64QAM	2593	100	0	18.102	/	Pass
	256QAM	2593	100	0	18.065	/	Pass

3.1.2 Band41_XDB

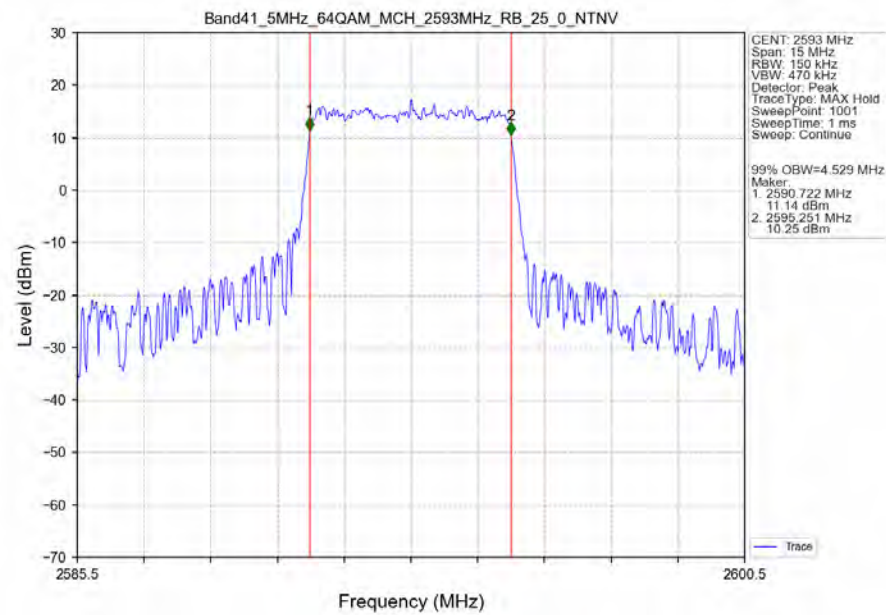
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.032	/	Pass
	16QAM	2593	25	0	5.266	/	Pass
	64QAM	2593	25	0	5.147	/	Pass
	256QAM	2593	25	0	6.067	/	Pass
10	QPSK	2593	50	0	10.648	/	Pass
	16QAM	2593	50	0	10.415	/	Pass
	64QAM	2593	50	0	12.356	/	Pass
	256QAM	2593	50	0	10.093	/	Pass
15	QPSK	2593	75	0	19.252	/	Pass
	16QAM	2593	75	0	17.105	/	Pass
	64QAM	2593	75	0	18.437	/	Pass
	256QAM	2593	75	0	18.507	/	Pass
20	QPSK	2593	100	0	21.689	/	Pass
	16QAM	2593	100	0	24.913	/	Pass
	64QAM	2593	100	0	22.684	/	Pass
	256QAM	2593	100	0	20.598	/	Pass

3.2 Test Graph

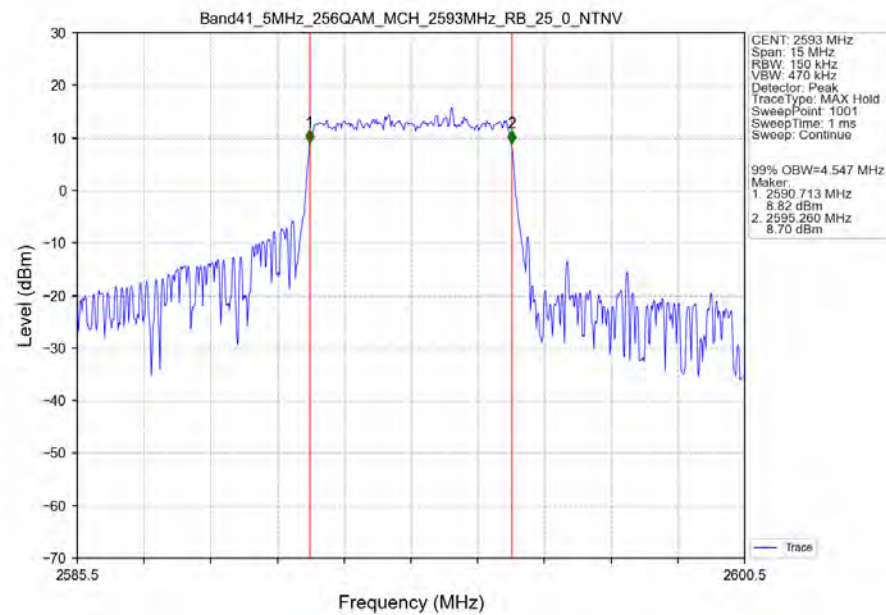
3.2.1 Band41_OBW



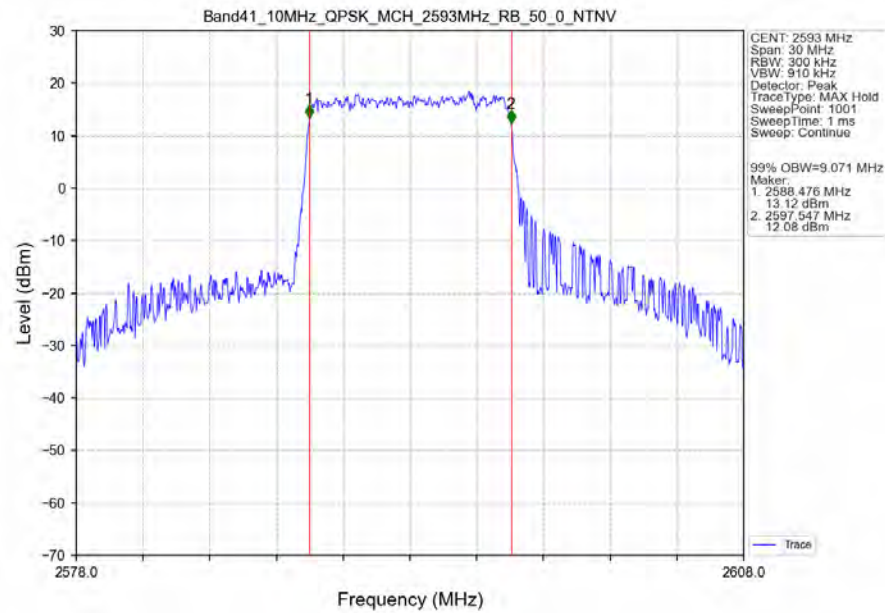
Band41 5MHz 64QAM MCH 2593MHz RB 25 0 NTNV



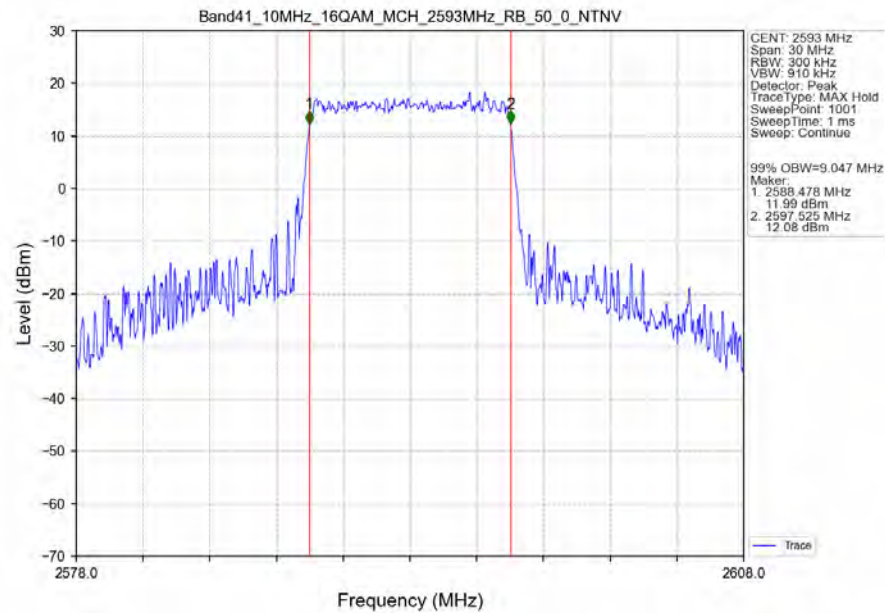
Band41 5MHz 256QAM MCH 2593MHz RB 25 0 NTNV



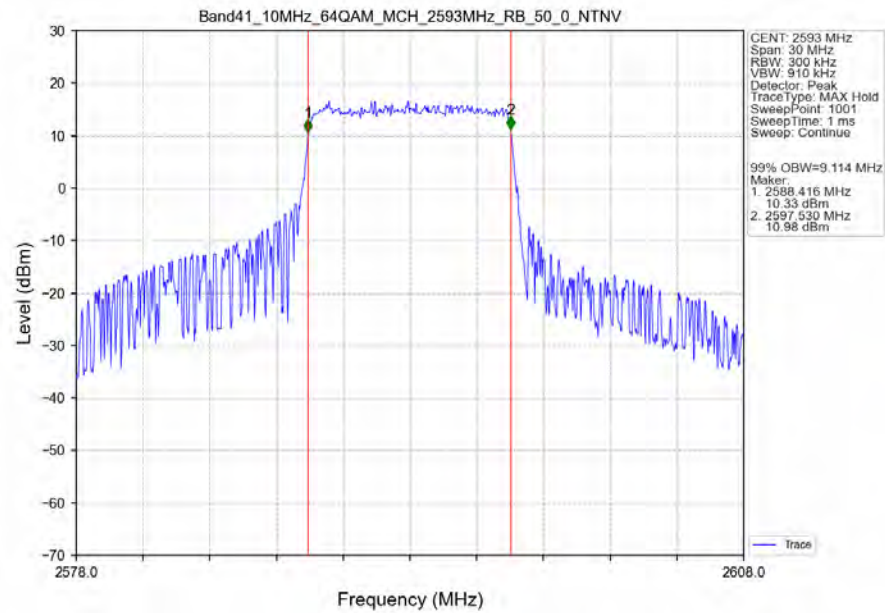
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



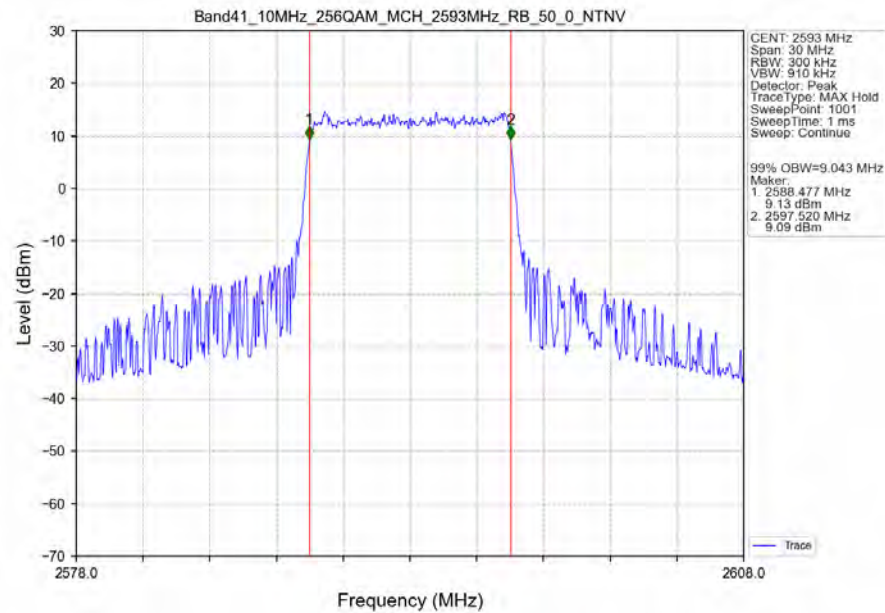
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



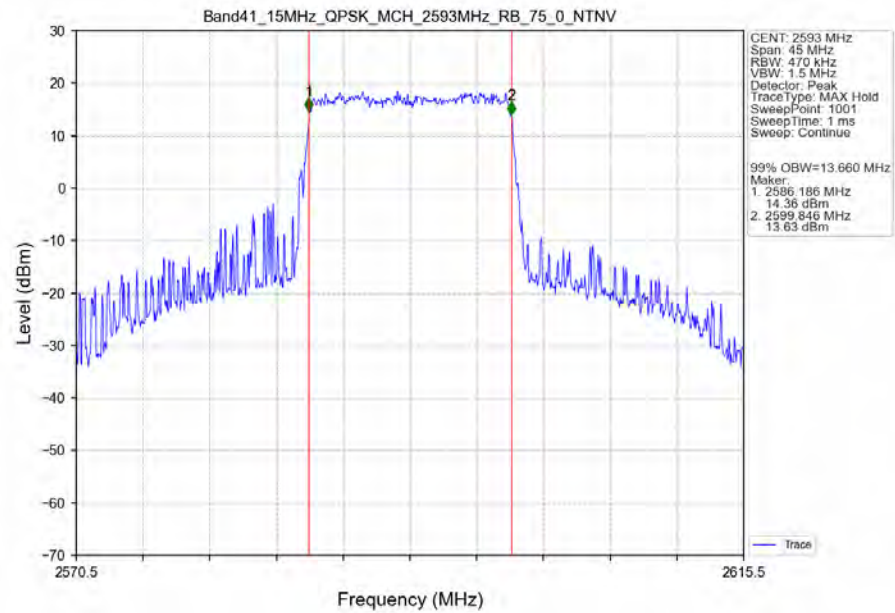
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTNV



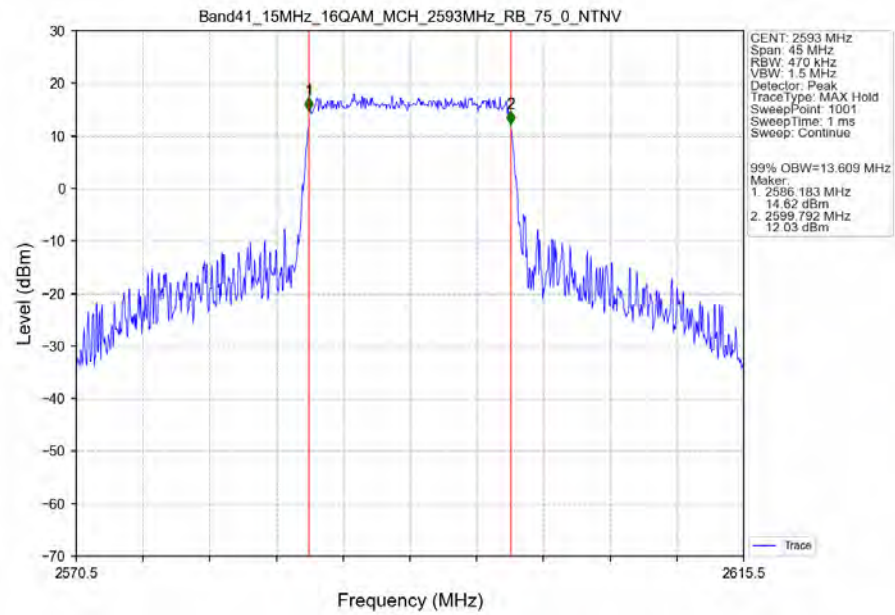
Band41 10MHz 256QAM MCH 2593MHz RB 50 0 NTNV



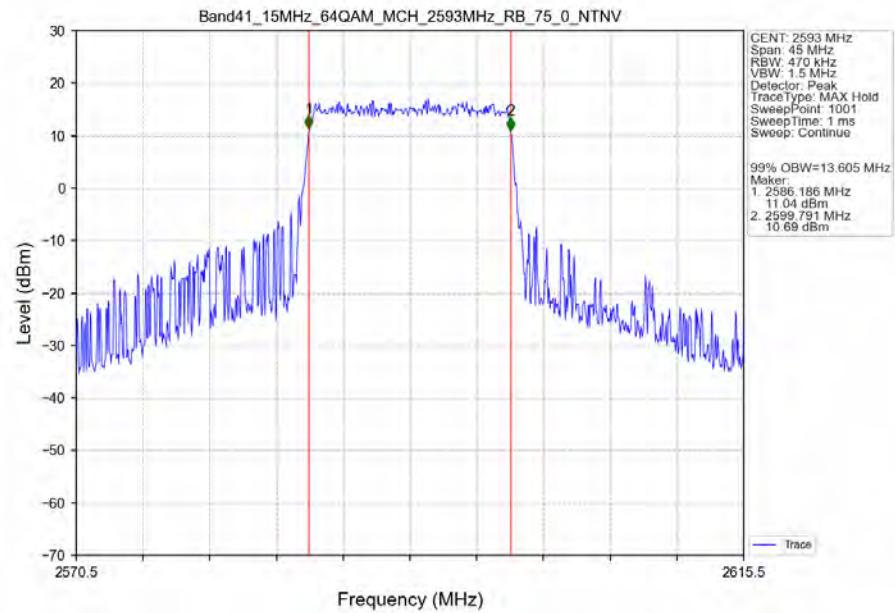
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTV



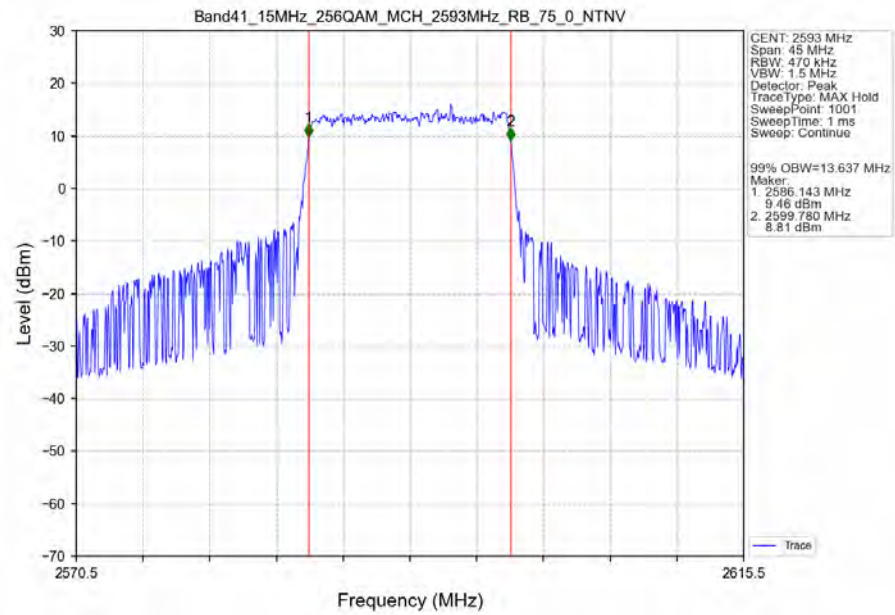
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTV



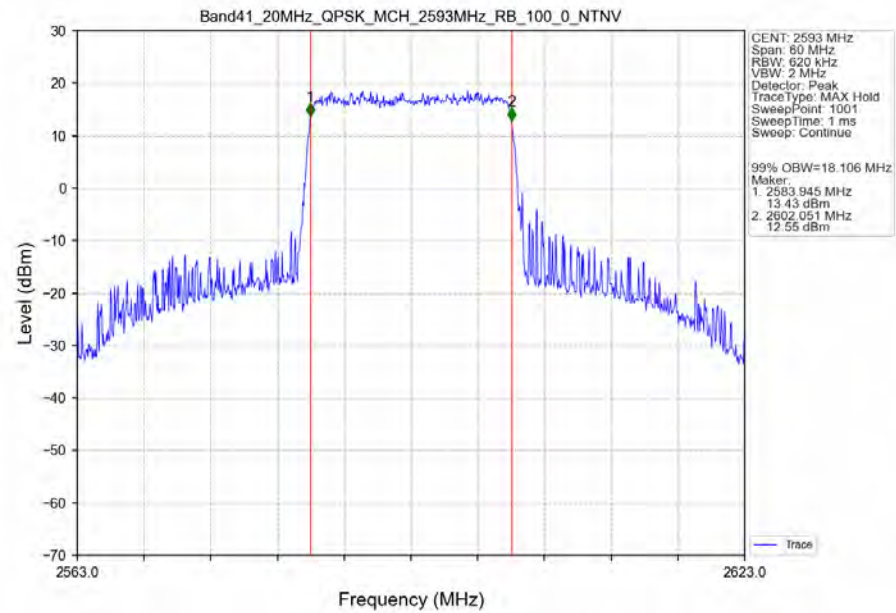
Band41 15MHz 64QAM MCH 2593MHz RB 75 0 NTNV



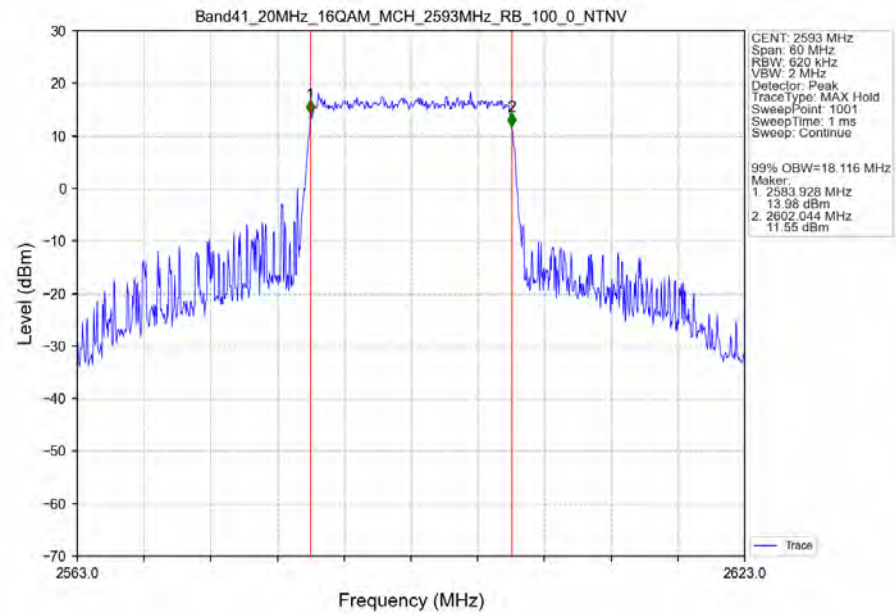
Band41 15MHz 256QAM MCH 2593MHz RB 75 0 NTNV



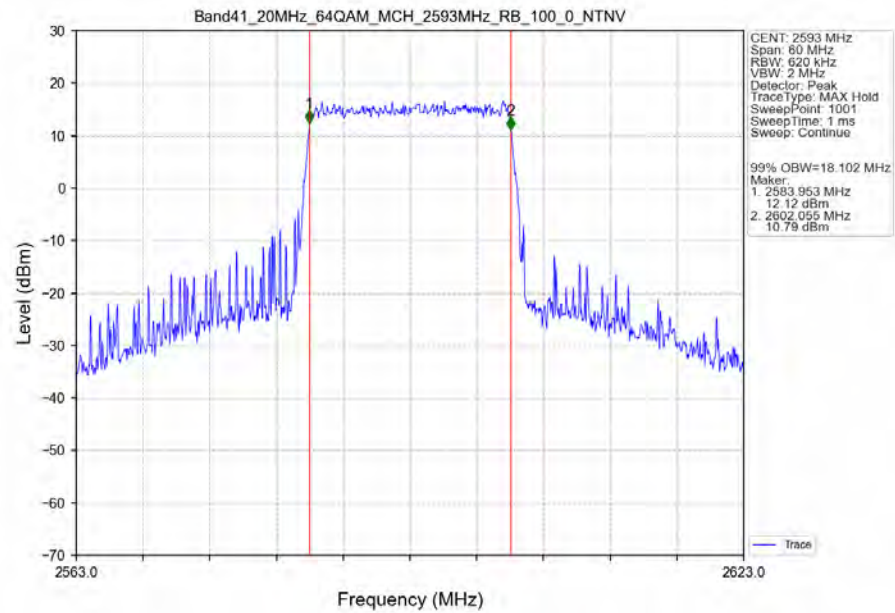
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTN



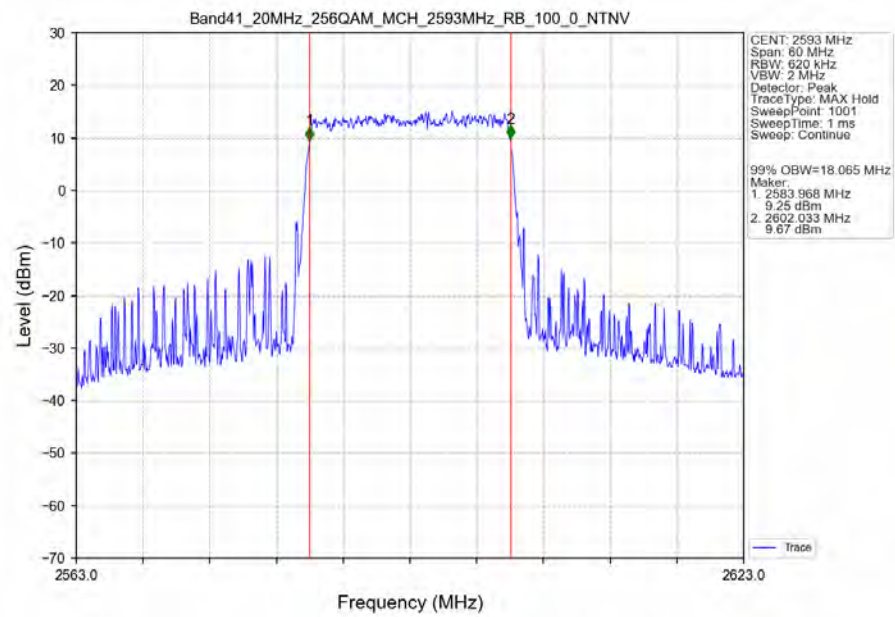
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTN



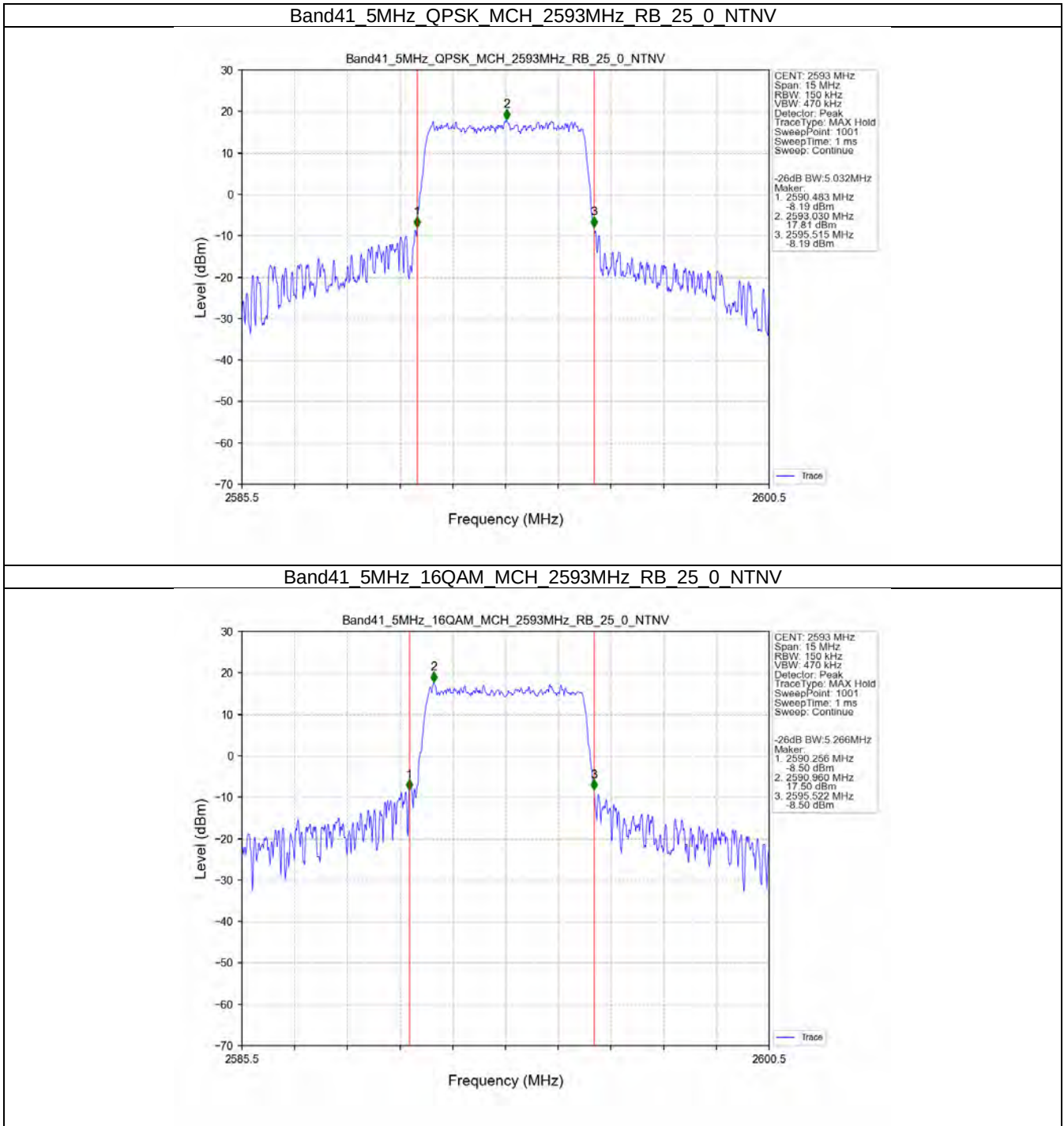
Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



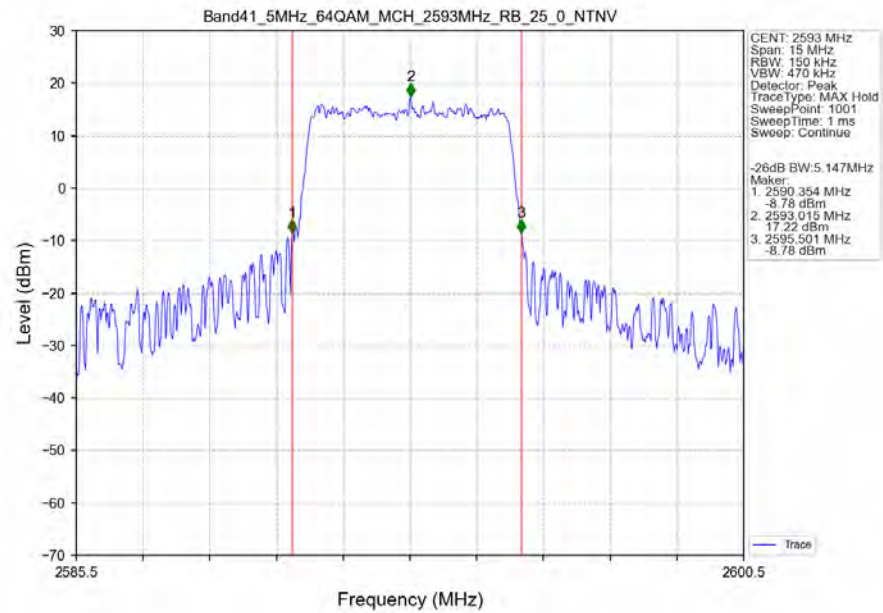
Band41_20MHz_256QAM_MCH_2593MHz_RB_100_0_NTNV



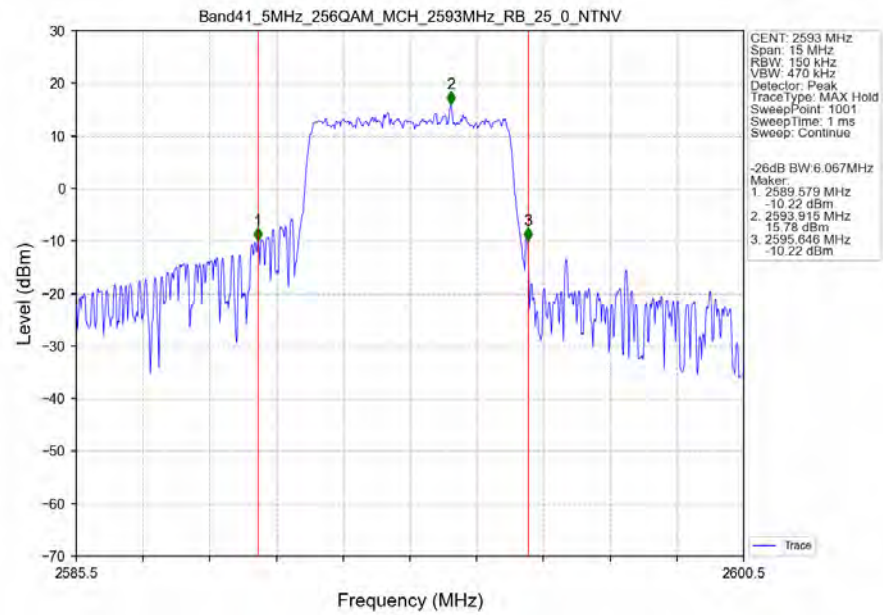
3.2.2 Band41_XDB



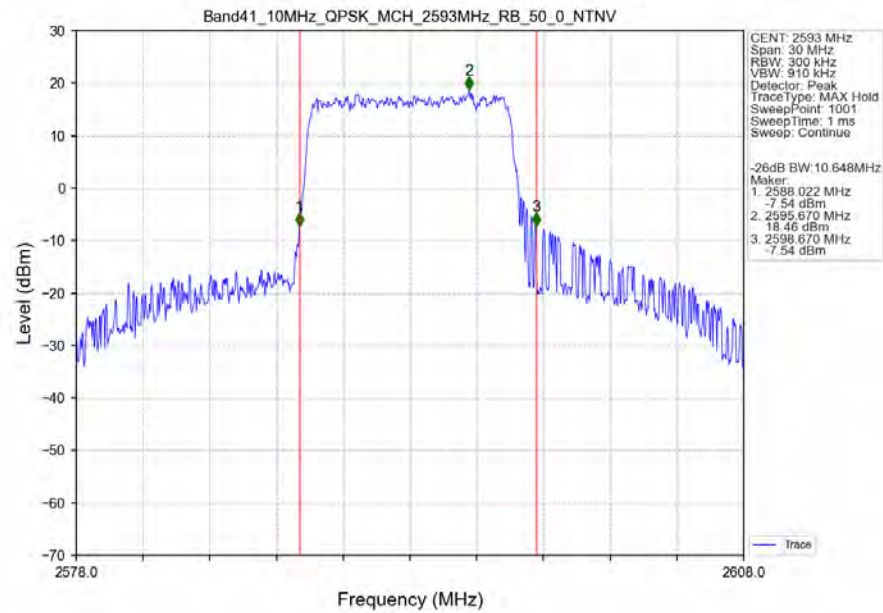
Band41 5MHz 64QAM MCH 2593MHz RB 25 0 NTN



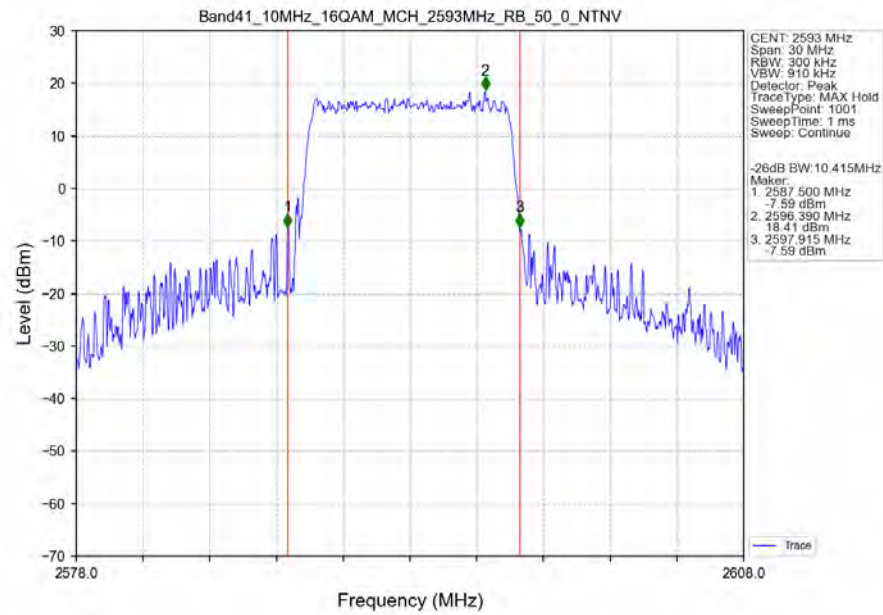
Band41 5MHz 256QAM MCH 2593MHz RB 25 0 NTN



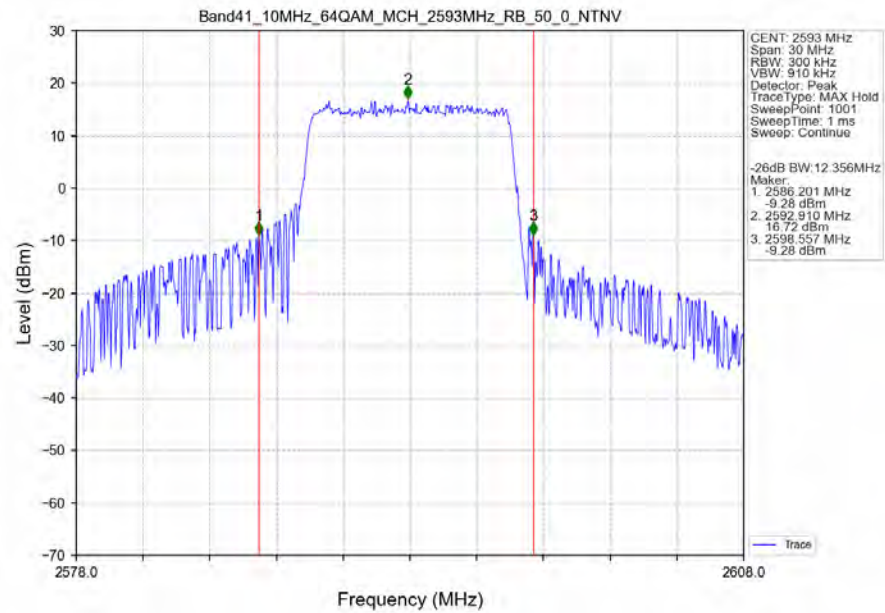
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



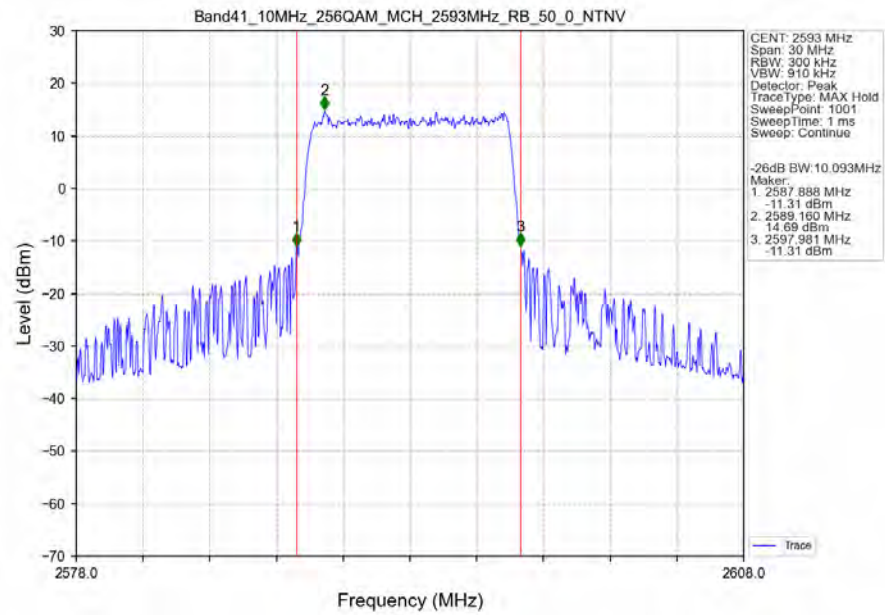
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



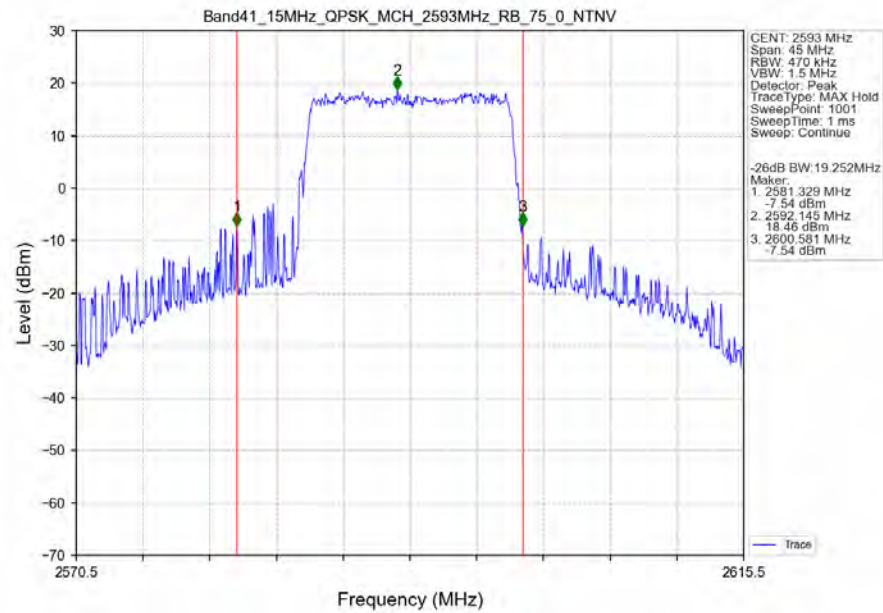
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



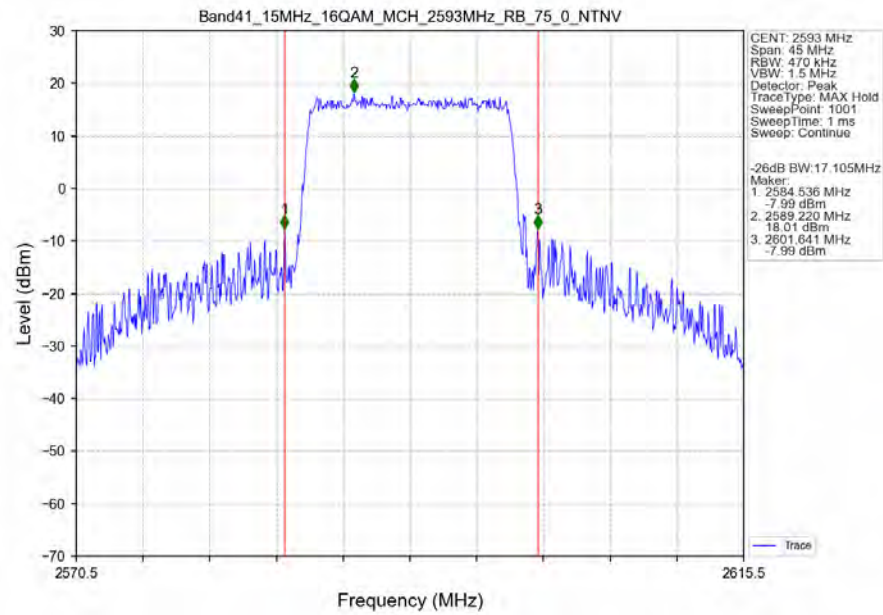
Band41_10MHz_256QAM_MCH_2593MHz_RB_50_0_NTNV



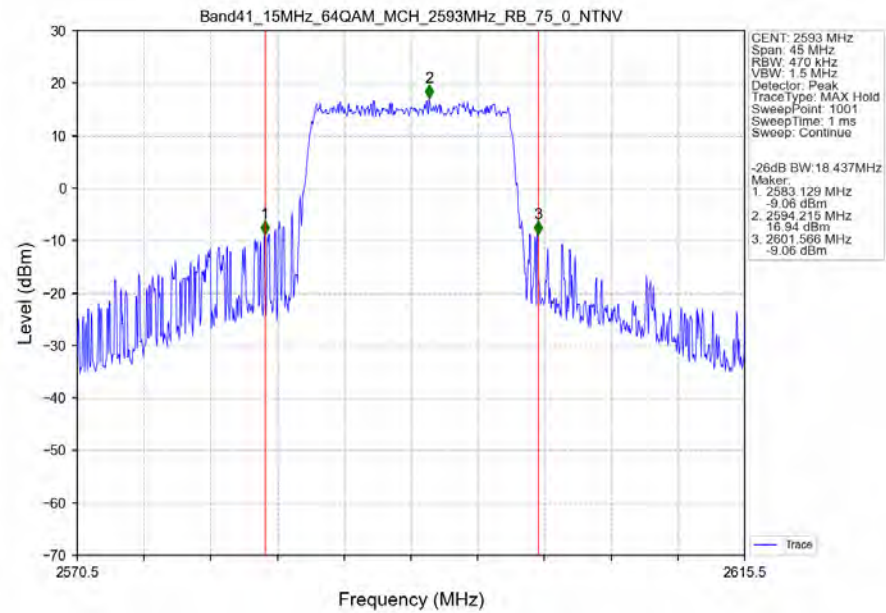
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



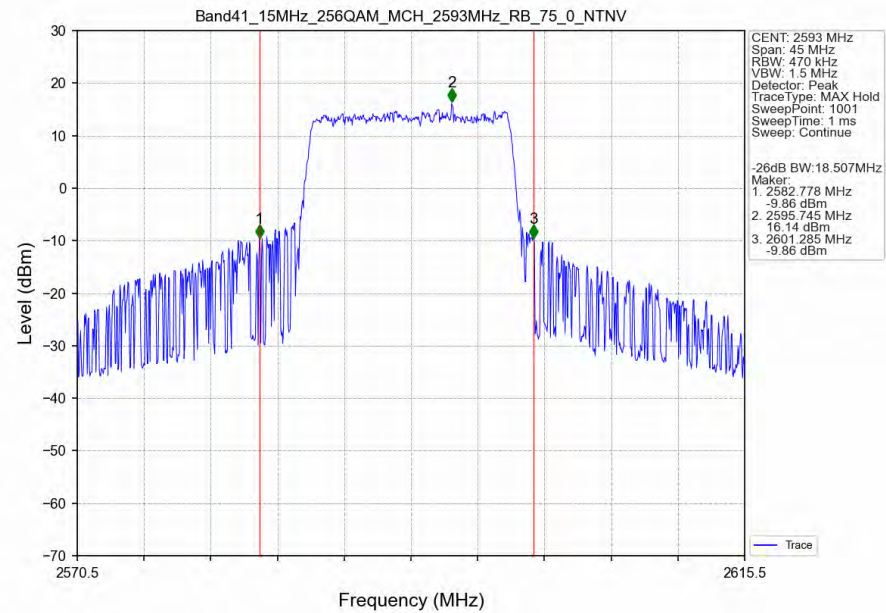
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



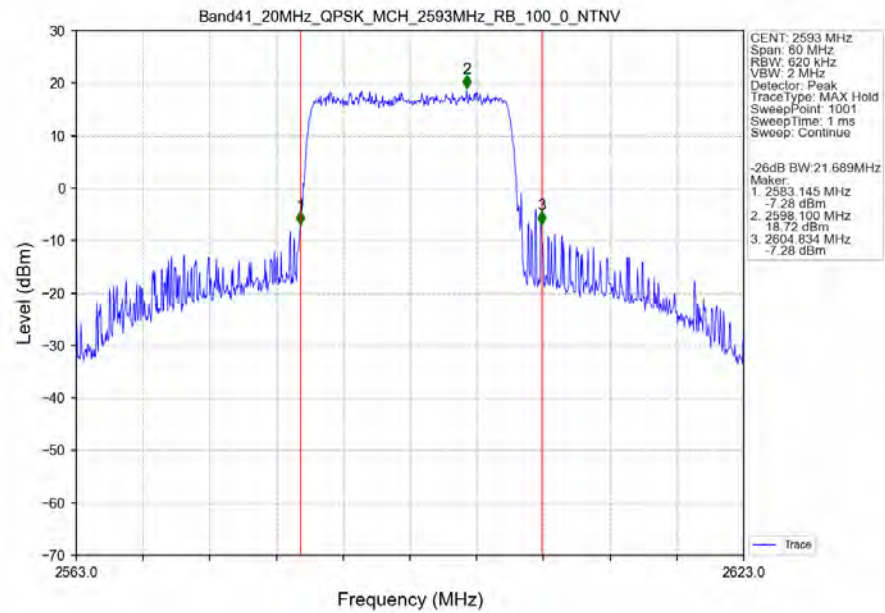
Band41 15MHz 64QAM MCH 2593MHz RB 75 0 NTNV



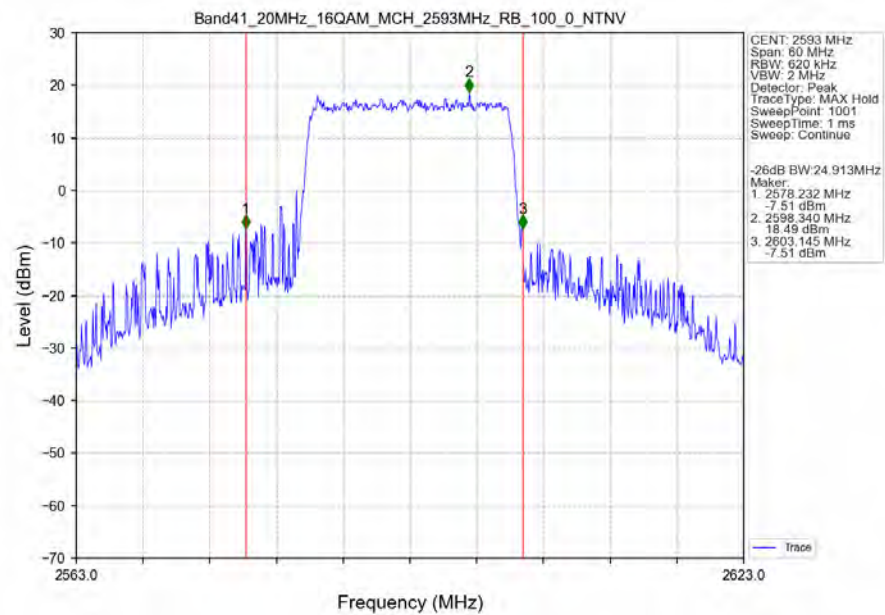
Band41 15MHz 256QAM MCH 2593MHz RB 75 0 NTNV



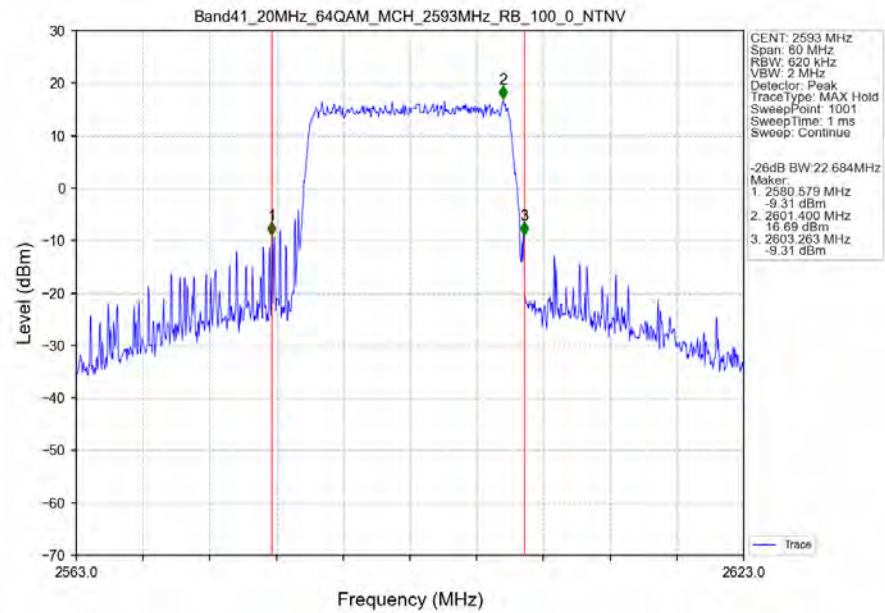
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



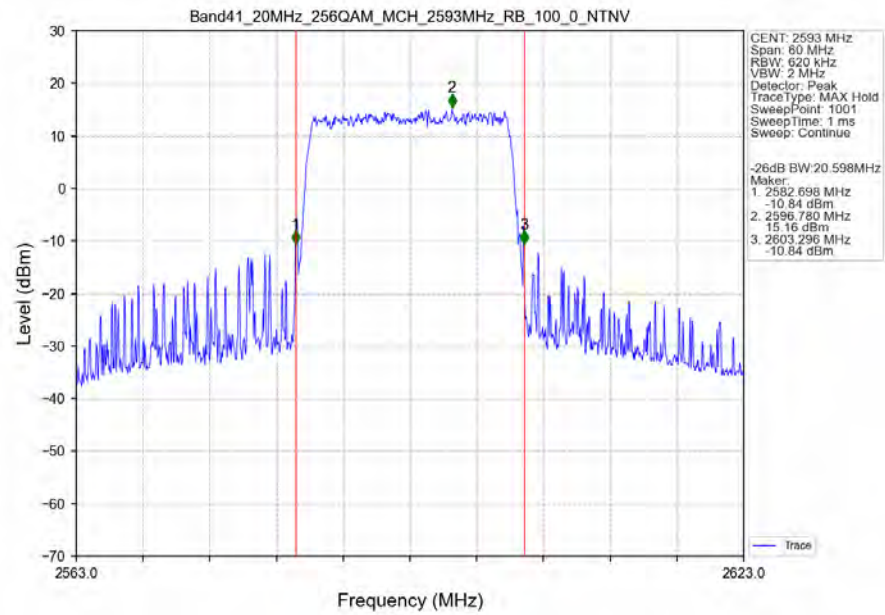
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_256QAM_MCH_2593MHz_RB_100_0_NTNV



4. Peak-Average Ratio

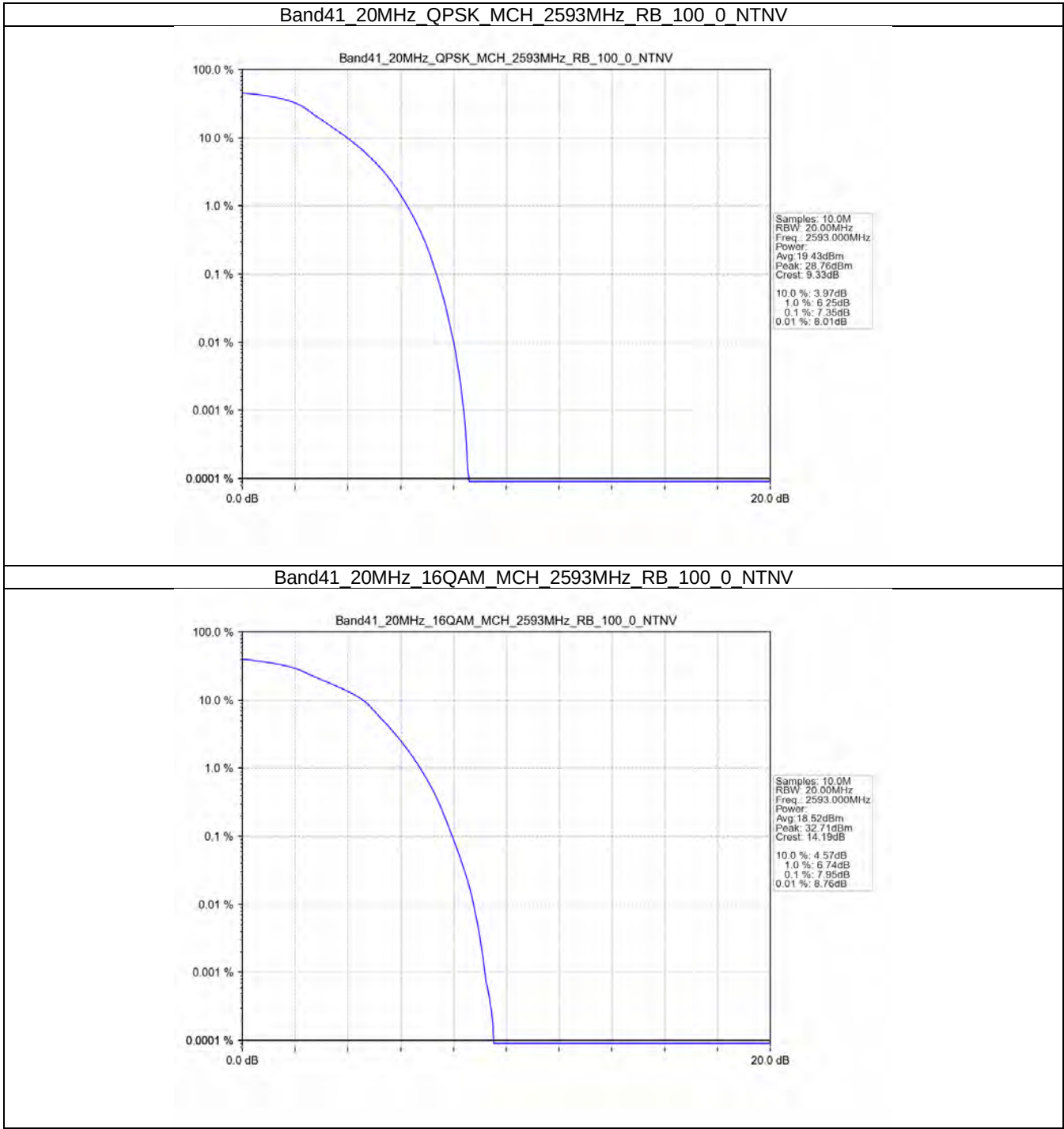
4.1 Test Result

4.1.1 B41_20MHz

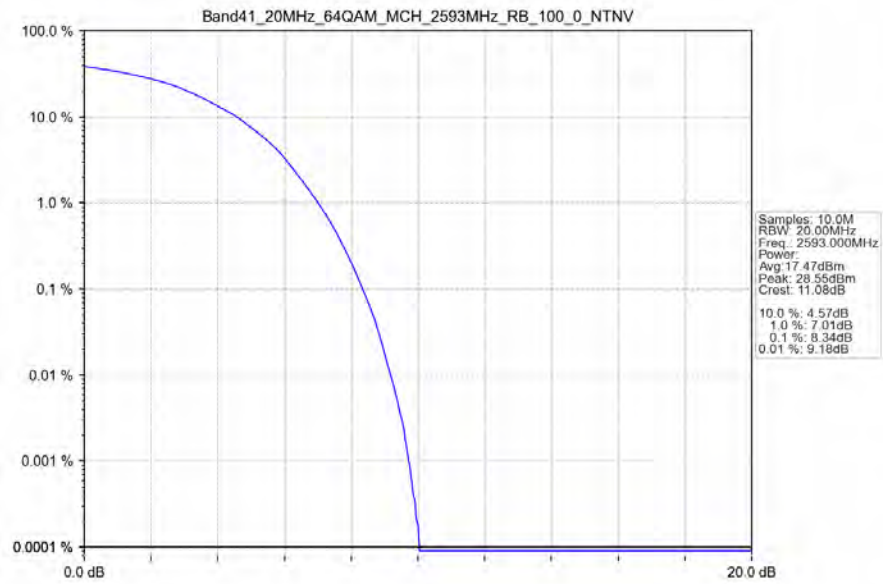
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	7.35	<=13	Pass
16QAM	2593	100	0	7.95	<=13	Pass
64QAM	2593	100	0	8.34	<=13	Pass
256QAM	2593	100	0	8.46	<=13	Pass

4.2 Test Graph

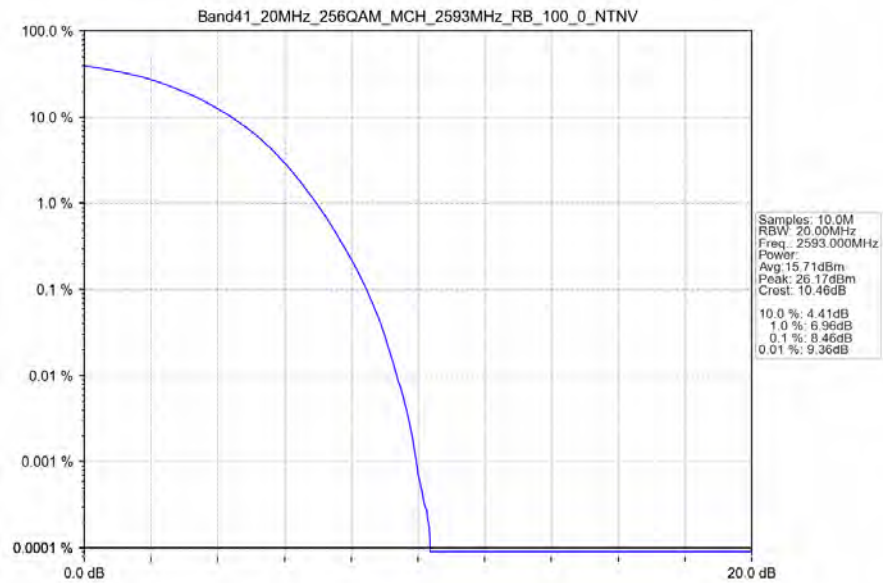
4.2.1 B41_20MHz



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_256QAM_MCH_2593MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B41_5MHz

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

5.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTVN						
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

5.1.3 B41_15MHz

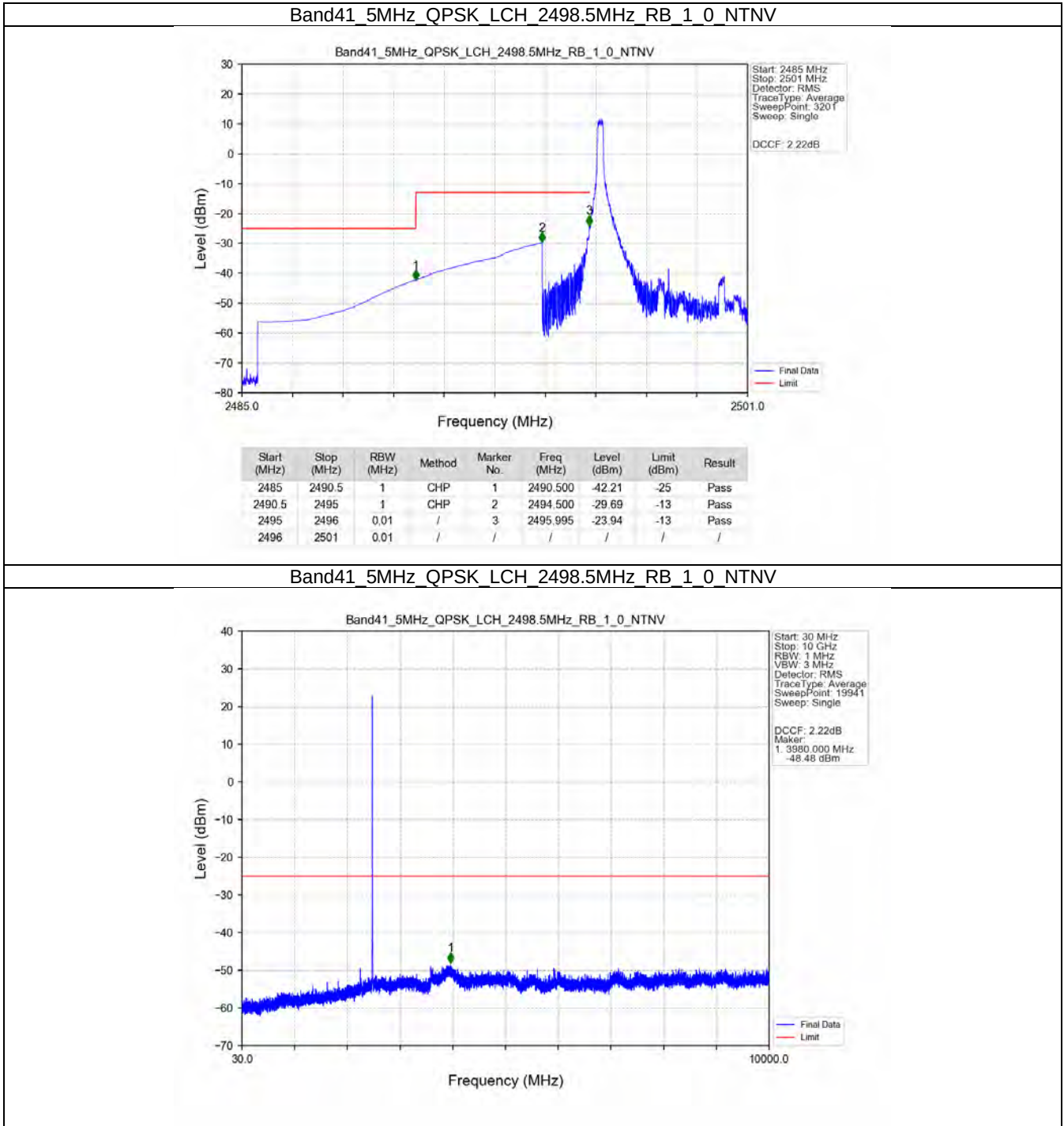
Band: 41 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.4 B41_20MHz

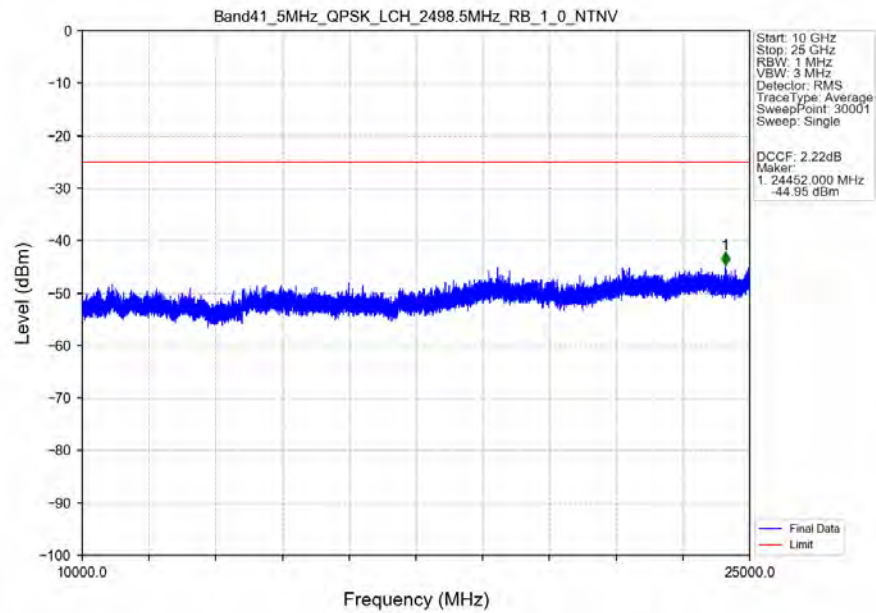
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

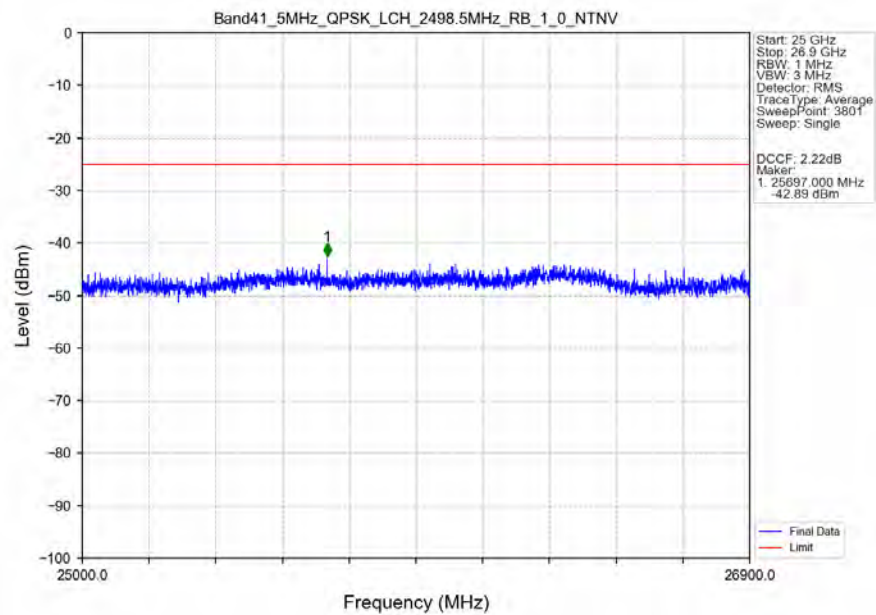
5.2.1 B41_5MHz



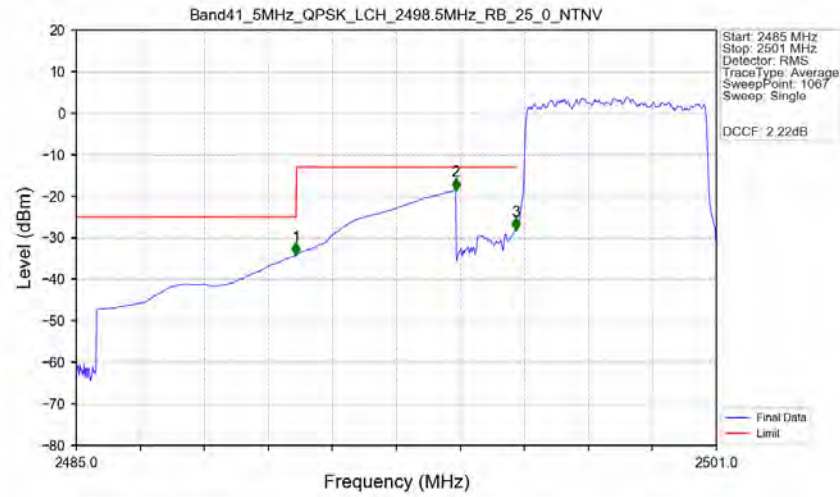
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

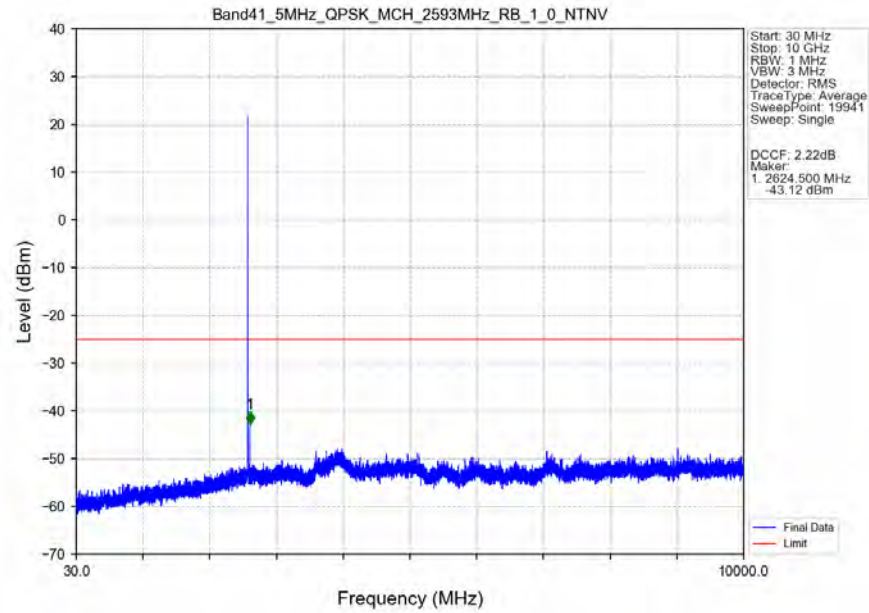


Band41 5MHz QPSK LCH 2498.5MHz RB 25 0 NTNV

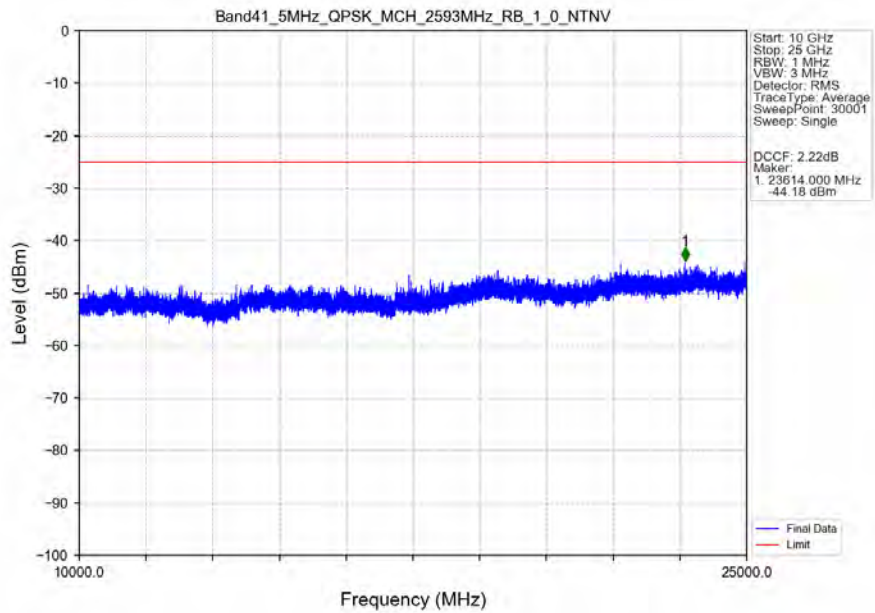


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-34.26	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-18.65	-13	Pass
2495	2496	0.05	CHP	3	2495.987	-28.18	-13	Pass
2496	2501	0.05	CHP	/	/	/	/	/

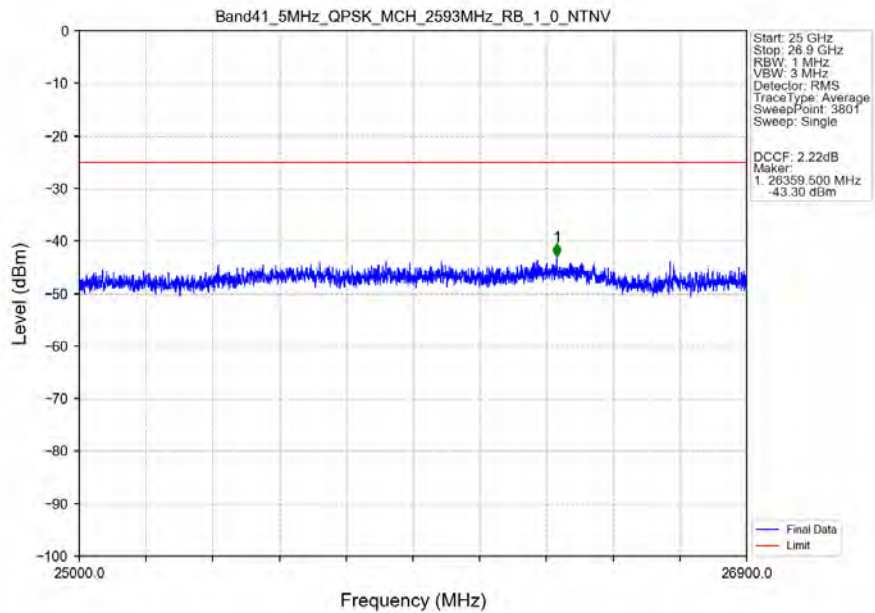
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTNV



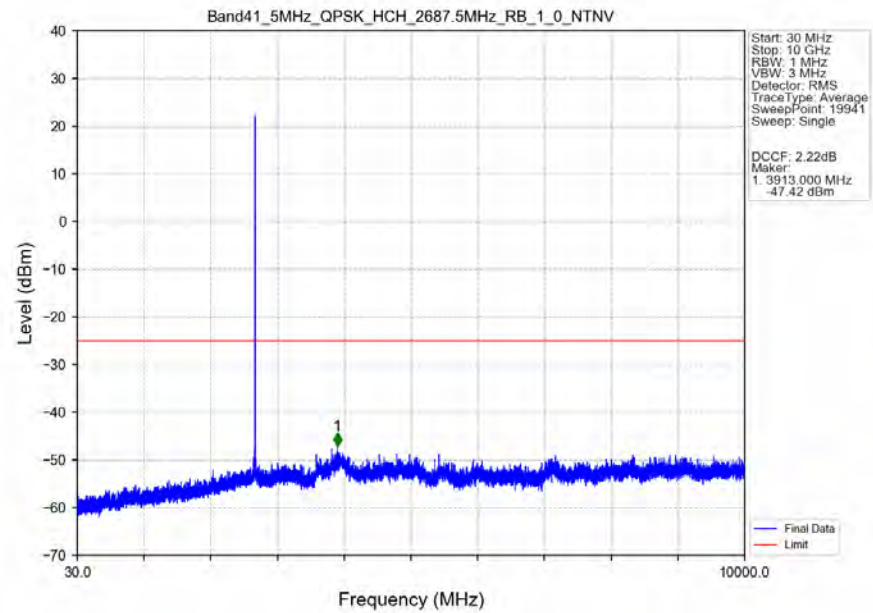
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



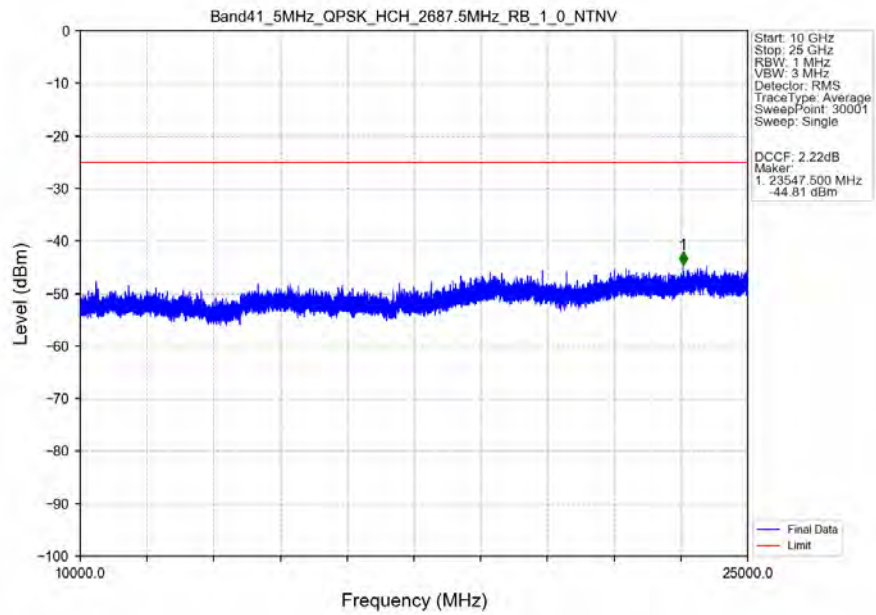
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



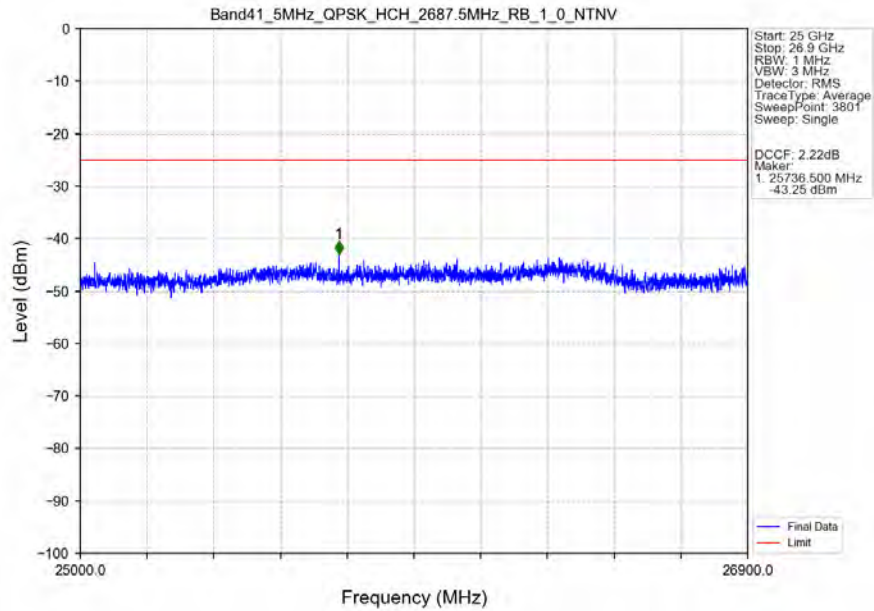
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



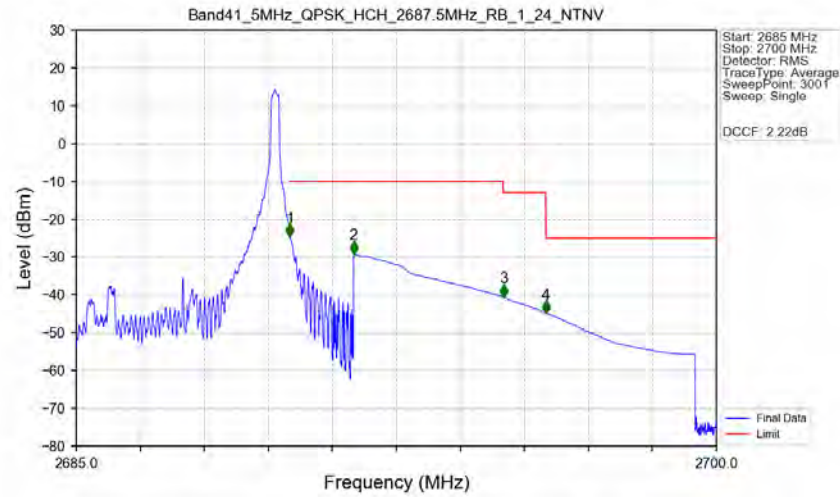
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV

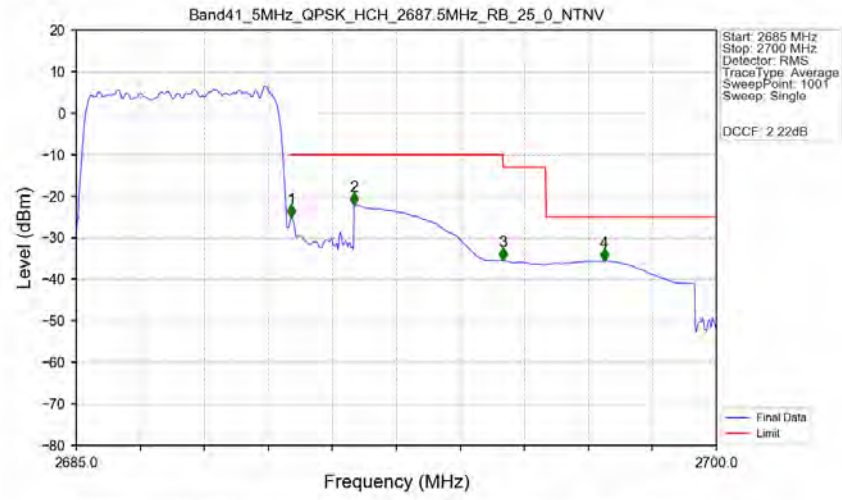


Band41 5MHz QPSK HCH 2687.5MHz RB 1 24 NTV



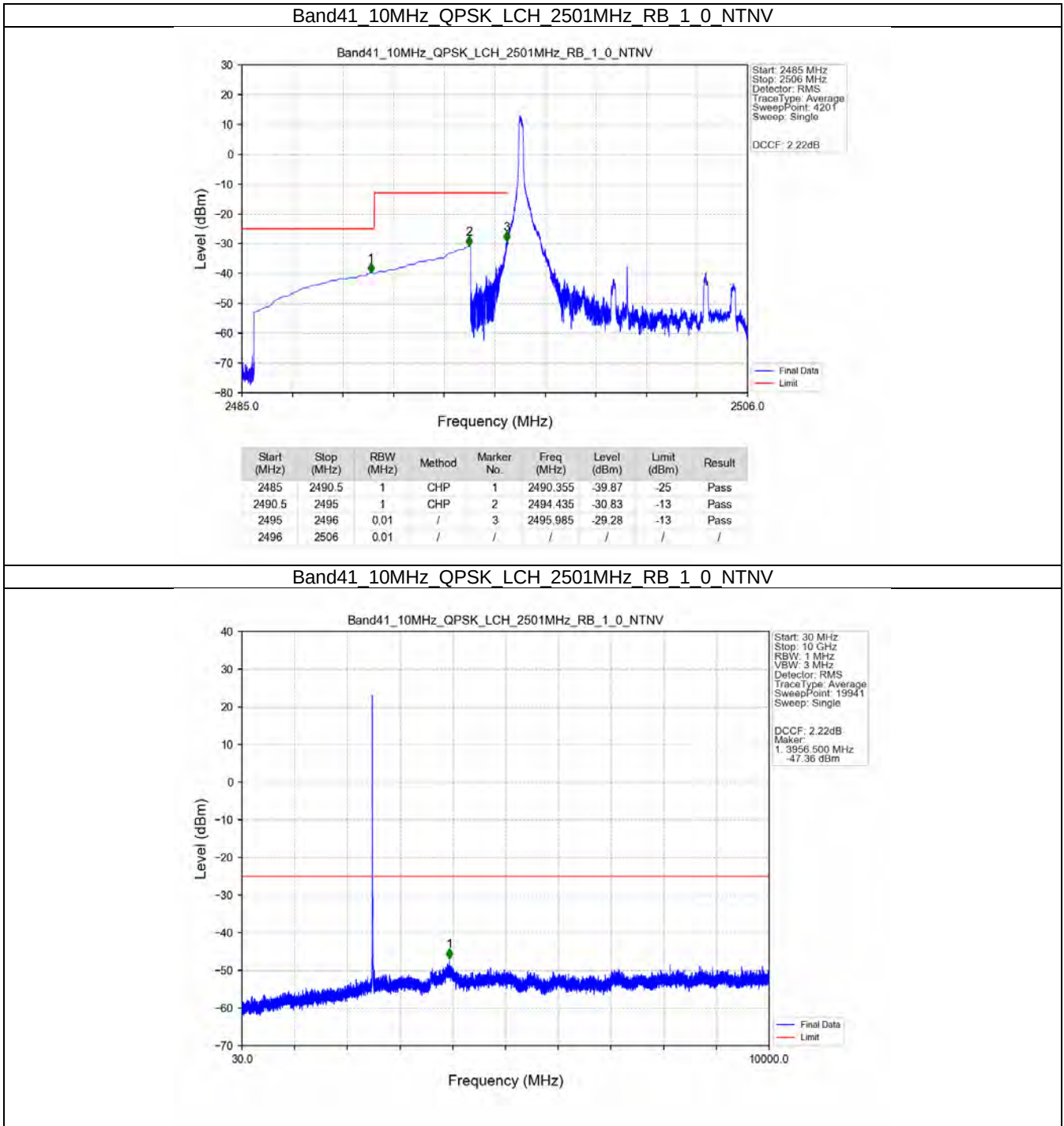
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-24.67	-10	Pass
2691	2695	1	CHP	2	2691.500	-29.15	-10	Pass
2695	2696	1	CHP	3	2695.010	-40.57	-13	Pass
2696	2700	1	CHP	4	2696.005	-44.92	-25	Pass

Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTV

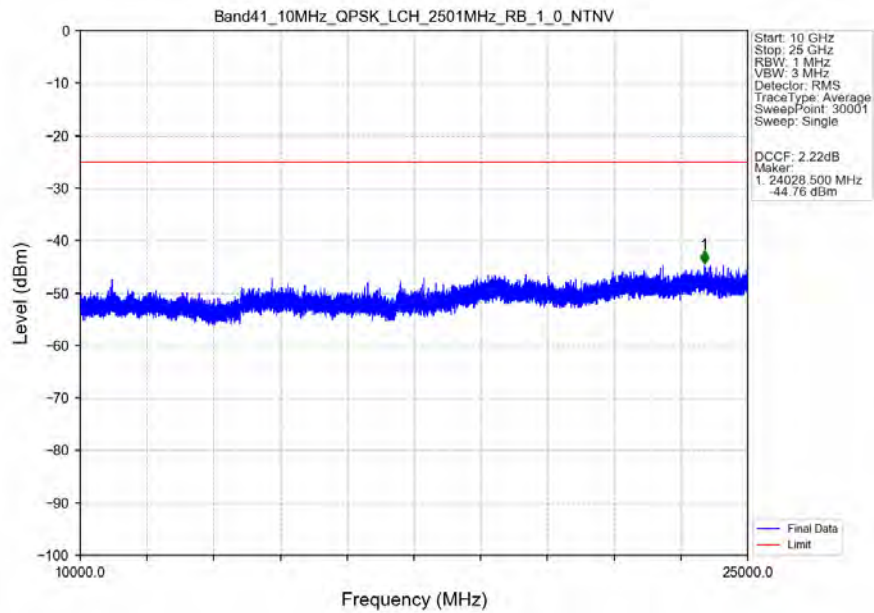


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.101	CHP	/	/	/	/	/
2690	2691	0.101	CHP	1	2690.040	-25.05	-10	Pass
2691	2695	1	CHP	2	2691.510	-22.21	-10	Pass
2695	2696	1	CHP	3	2695.005	-35.58	-13	Pass
2696	2700	1	CHP	4	2697.375	-35.60	-25	Pass

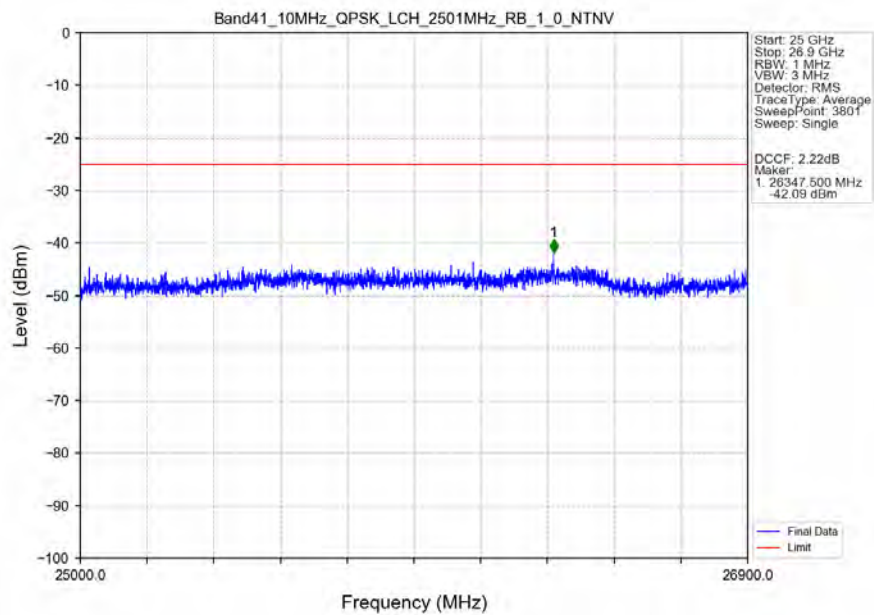
5.2.2 B41_10MHz



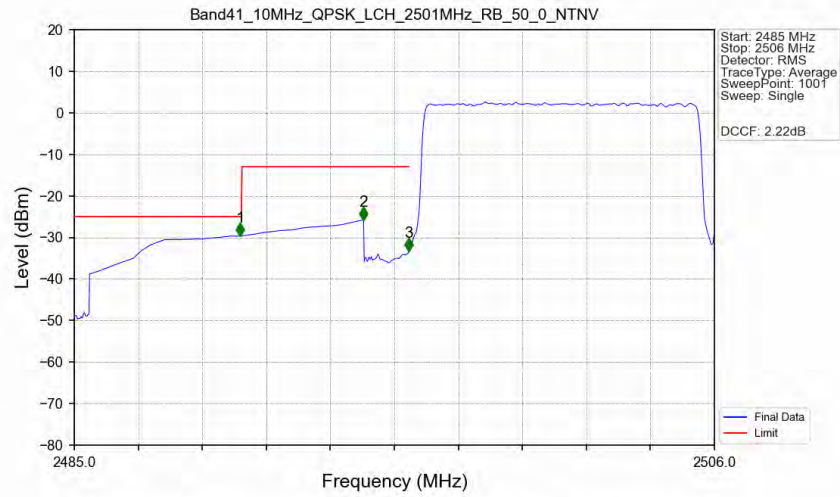
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

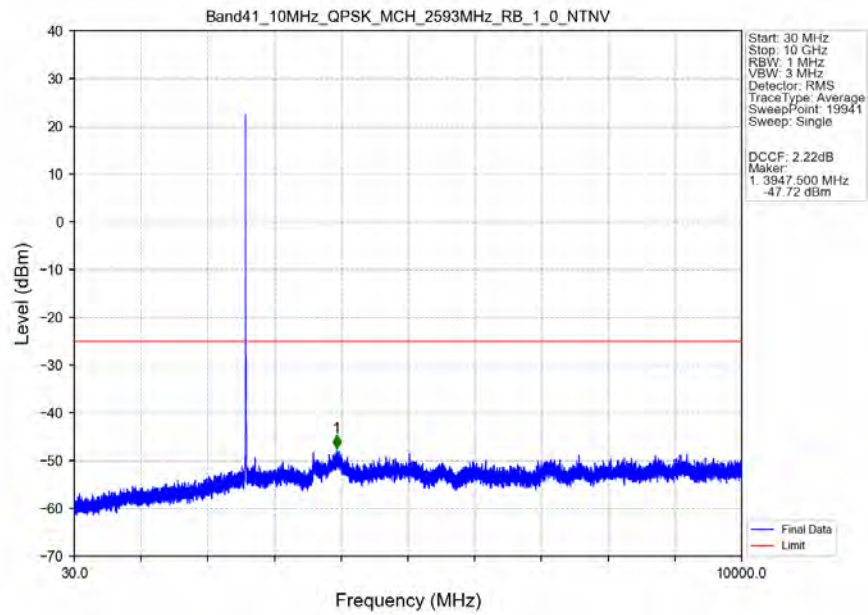


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

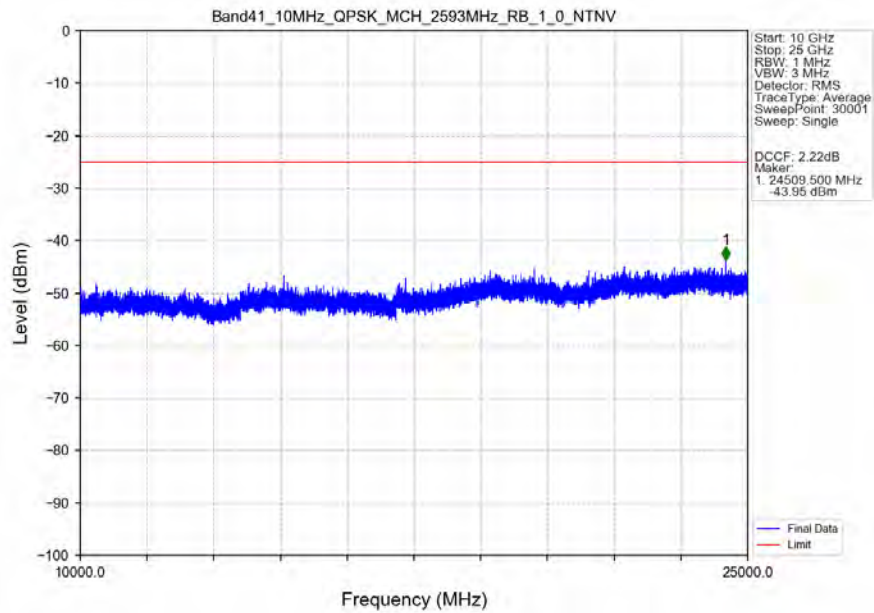


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.439	-29.62	-25	Pass
2490.5	2495	1	CHP	2	2494.492	-25.77	-13	Pass
2495	2496	0.106	CHP	3	2495.983	-33.30	-13	Pass
2496	2506	0.106	CHP	/	/	/	/	/

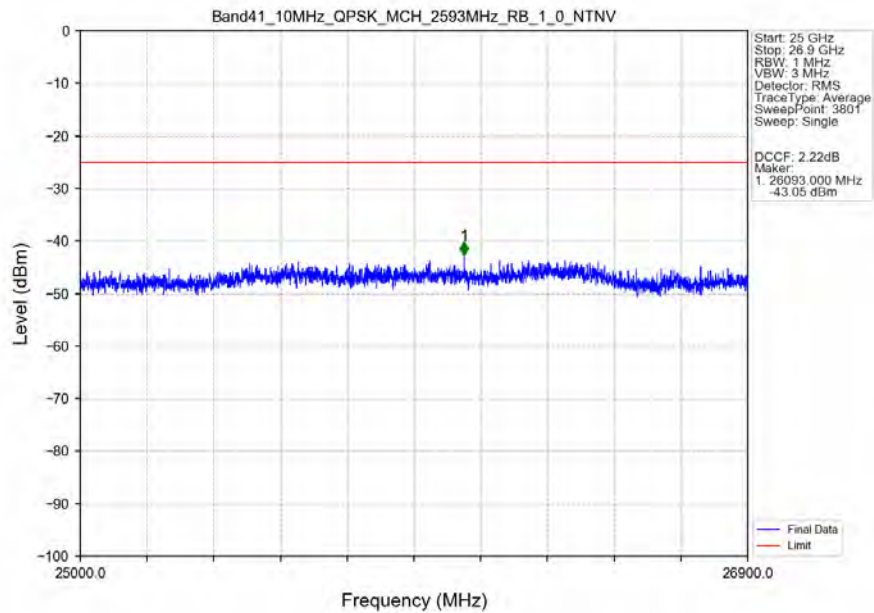
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



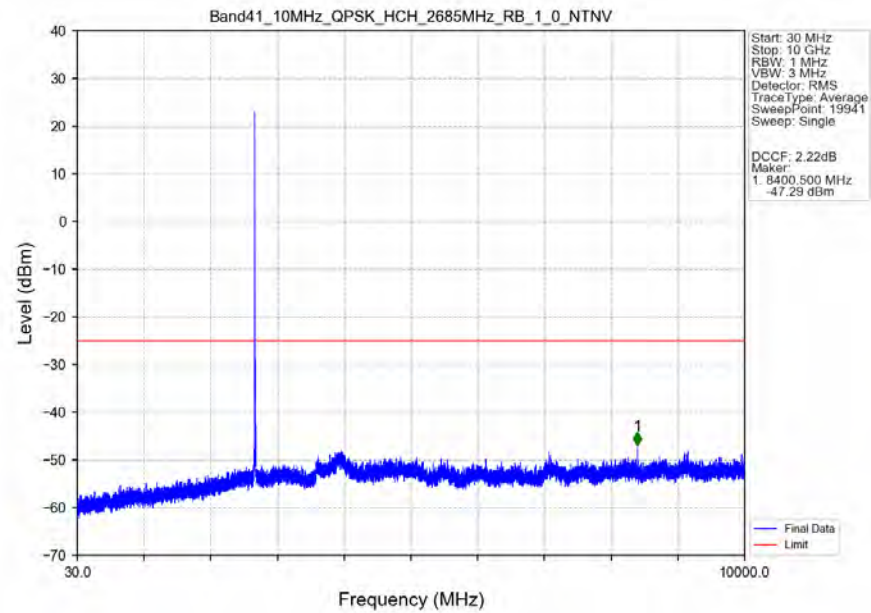
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



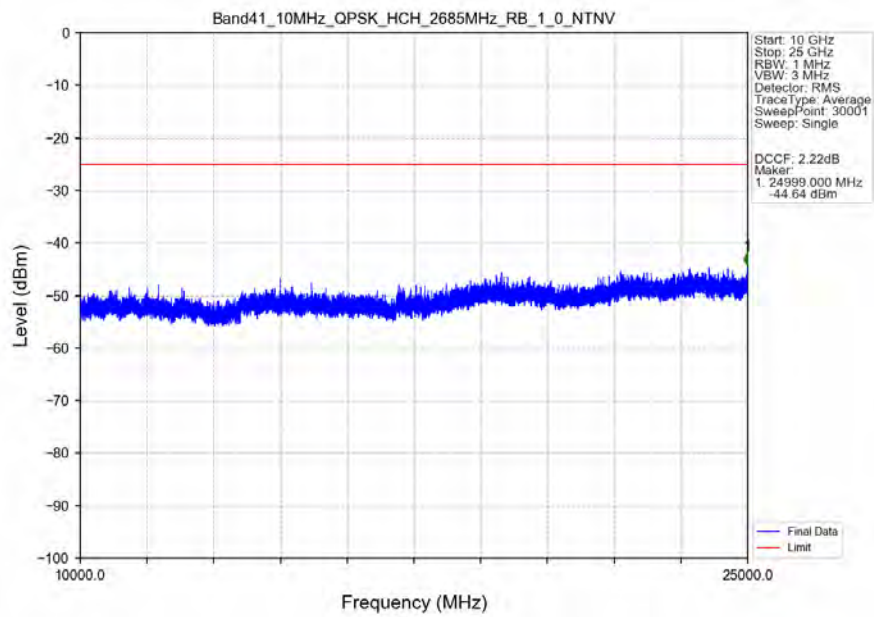
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



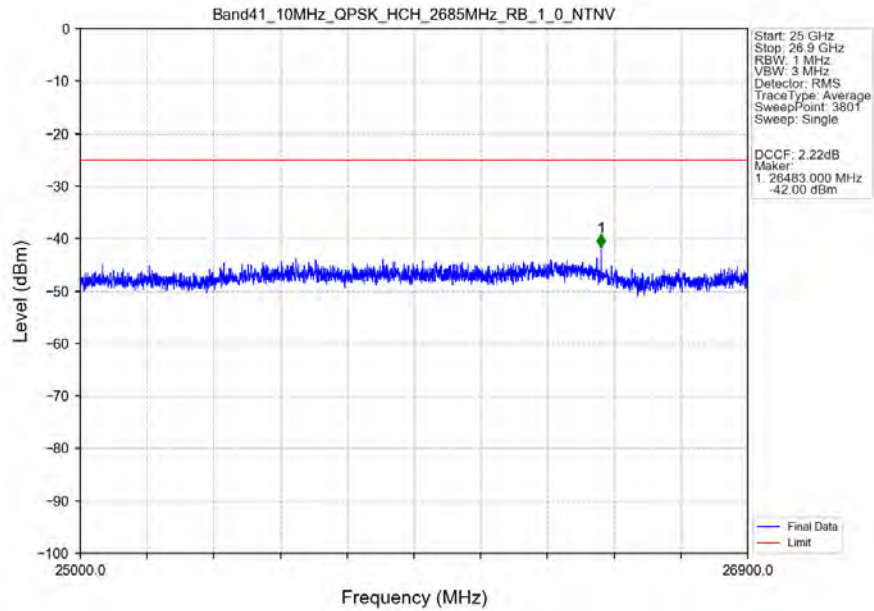
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



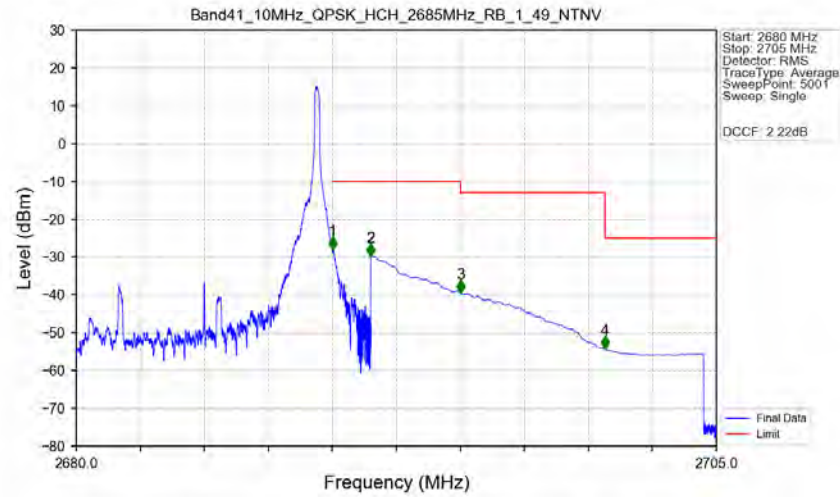
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

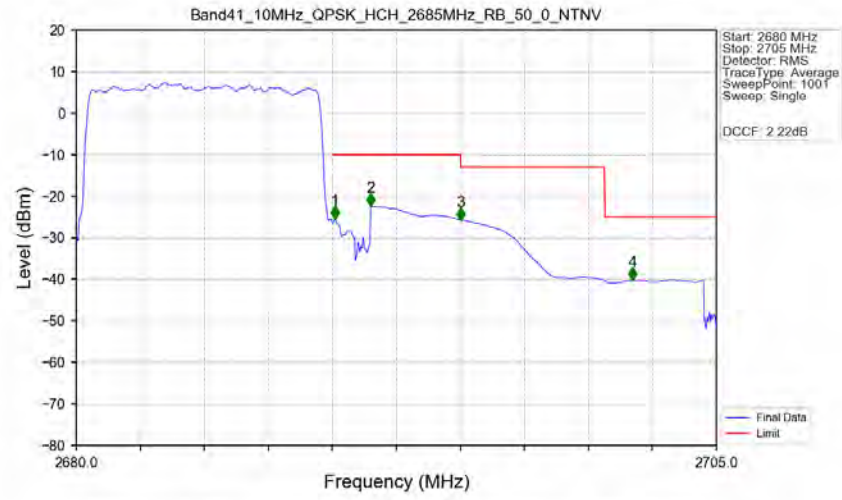


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



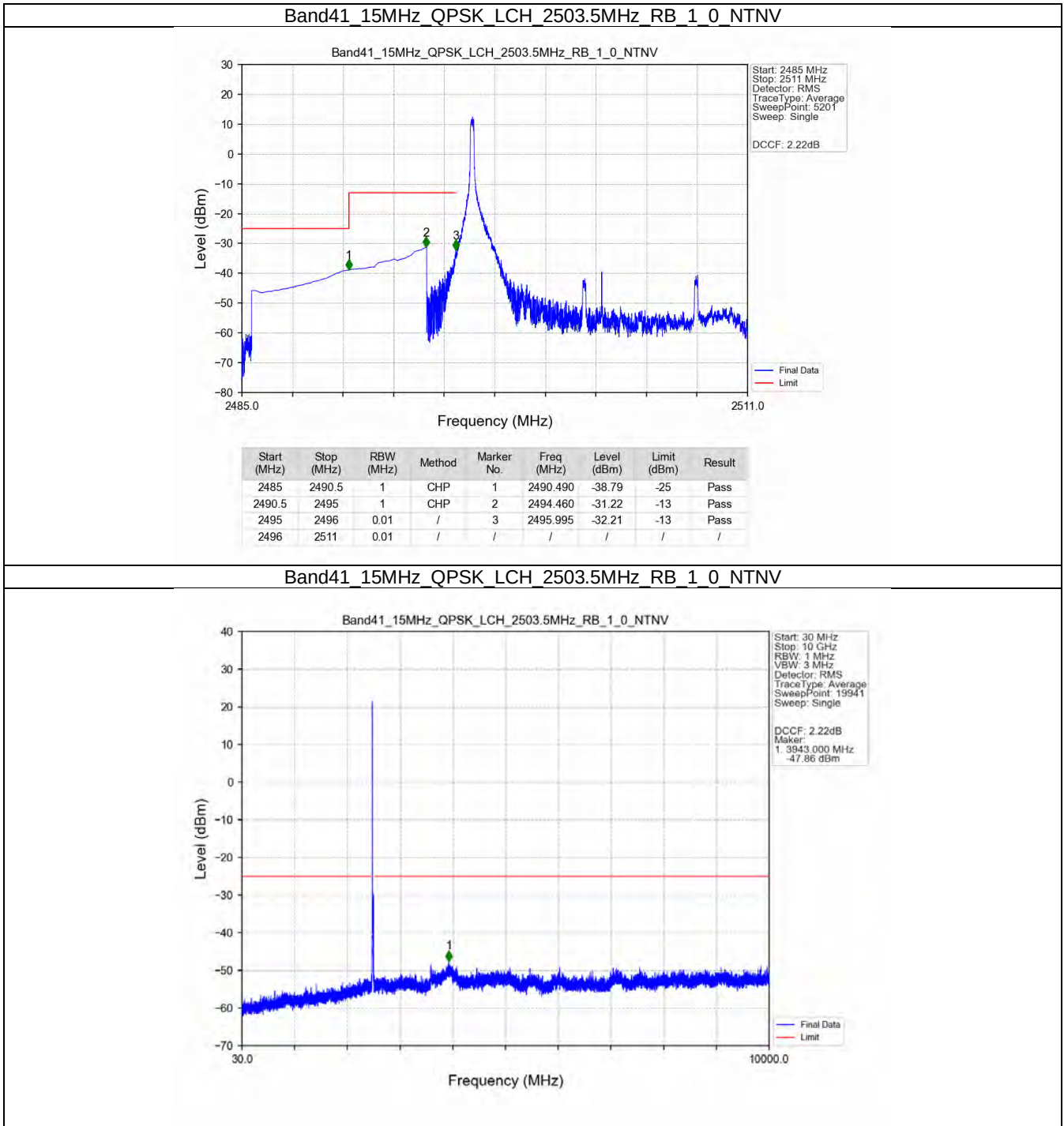
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-28.00	-10	Pass
2691	2695	1	CHP	2	2691.505	-29.80	-10	Pass
2695	2700.648	1	CHP	3	2695.005	-39.46	-13	Pass
2700.648	2705	1	CHP	4	2700.650	-54.34	-25	Pass

Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTNV

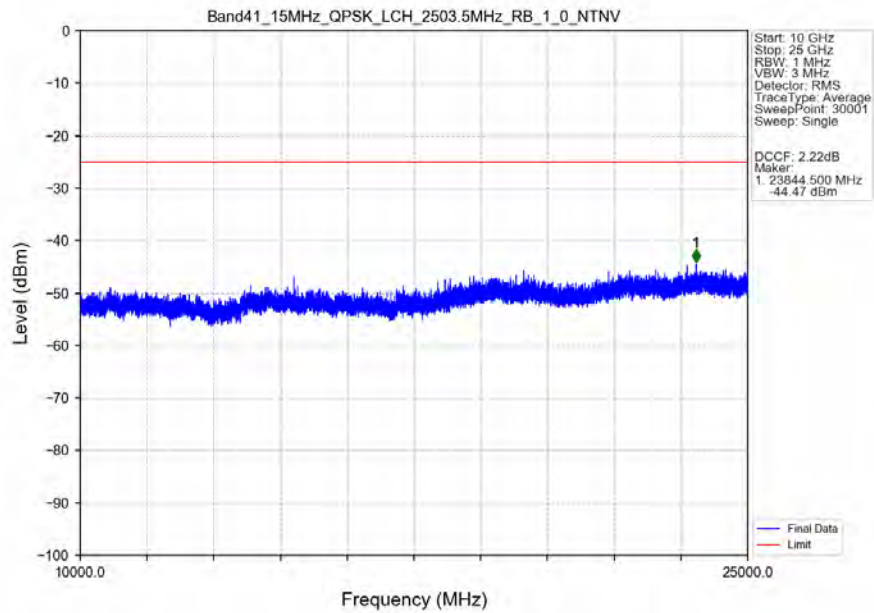


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.213	CHP	/	/	/	/	/
2690	2691	0.213	CHP	1	2690.100	-25.52	-10	Pass
2691	2695	1	CHP	2	2691.500	-22.46	-10	Pass
2695	2700.648	1	CHP	3	2695.025	-25.83	-13	Pass
2700.648	2705	1	CHP	4	2701.725	-40.17	-25	Pass

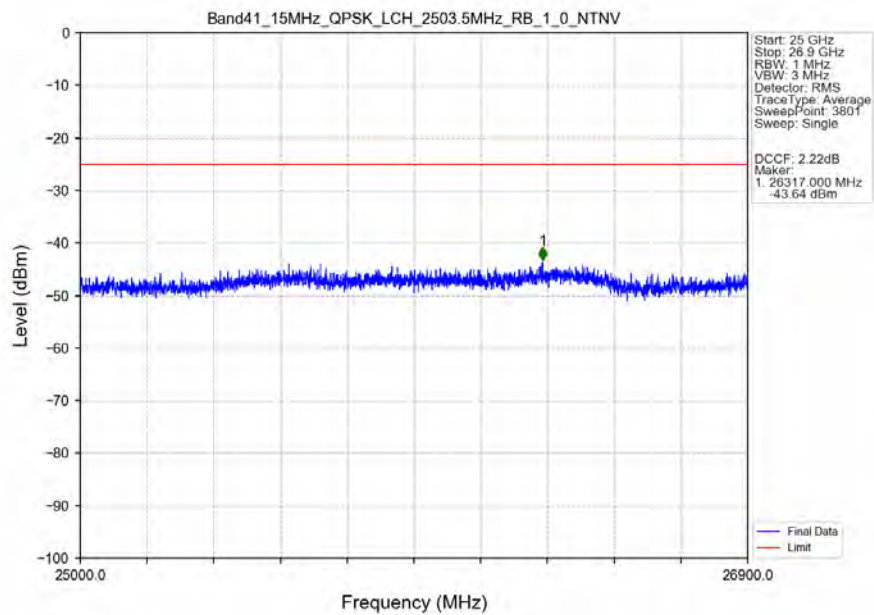
5.2.3 B41_15MHz



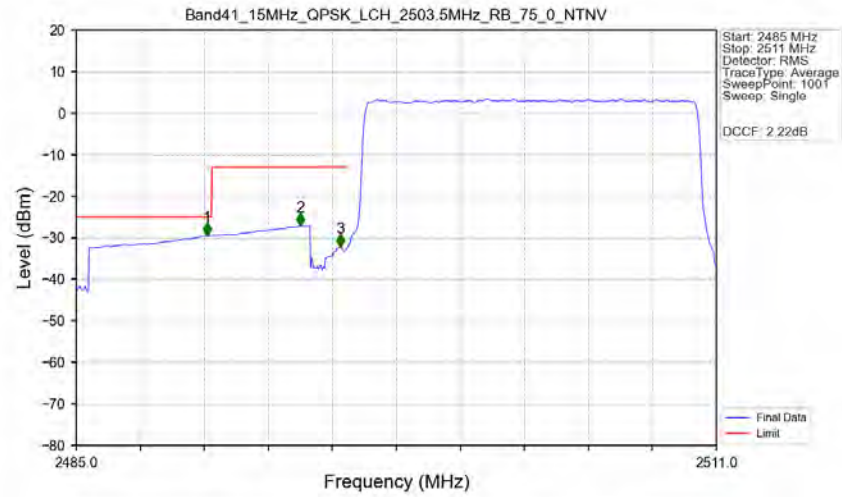
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

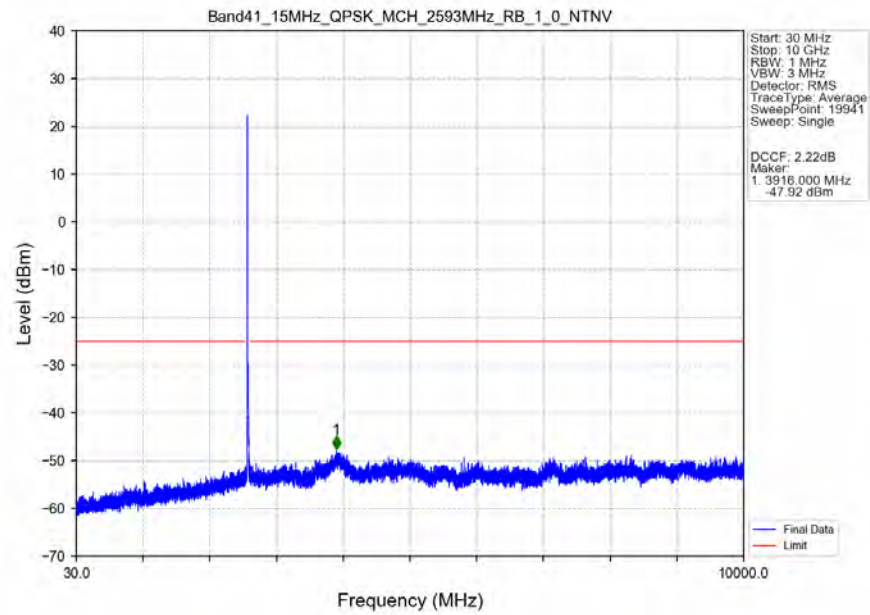


Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV

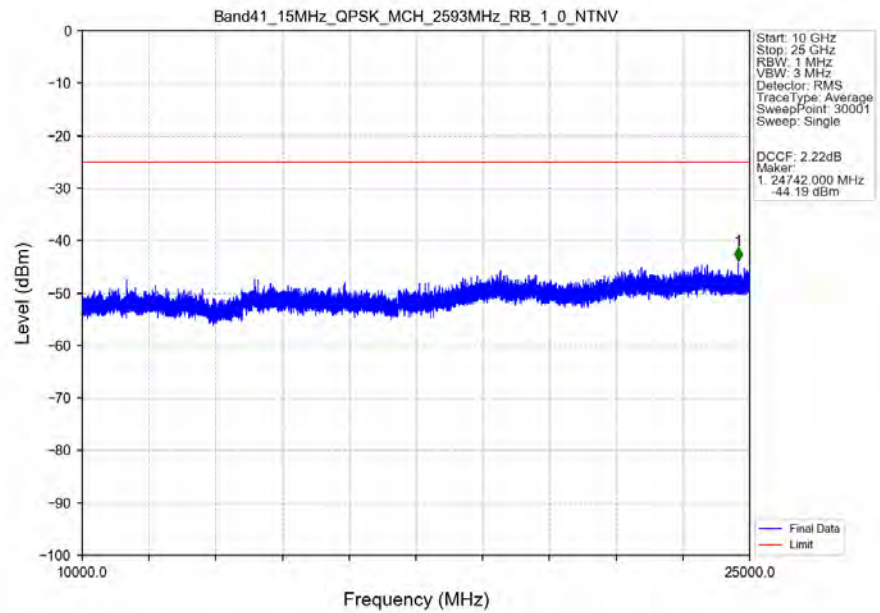


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.304	-29.48	-25	Pass
2490.5	2495	1	CHP	2	2494.100	-27.16	-13	Pass
2495	2496	0.193	CHP	3	2495.738	-32.29	-13	Pass
2496	2511	0.193	CHP	/	/	/	/	/

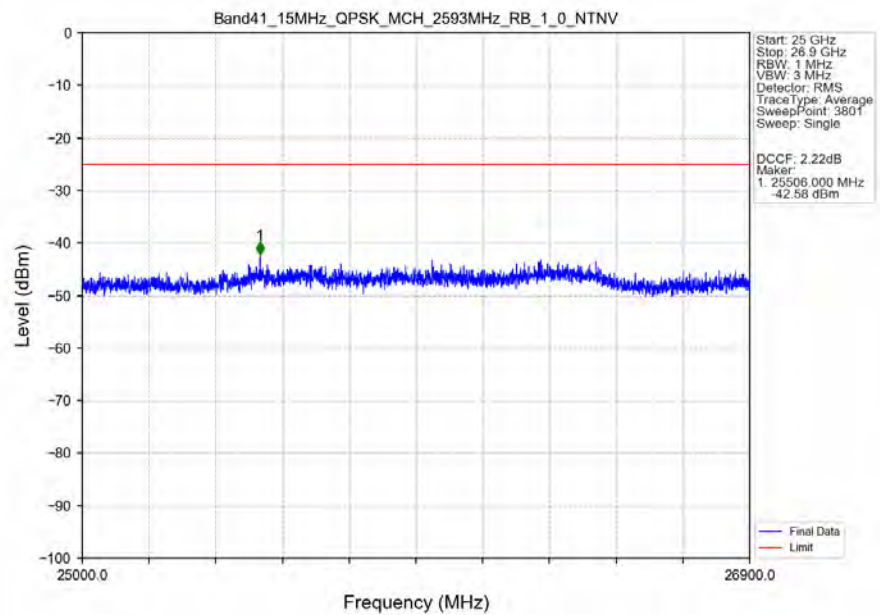
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



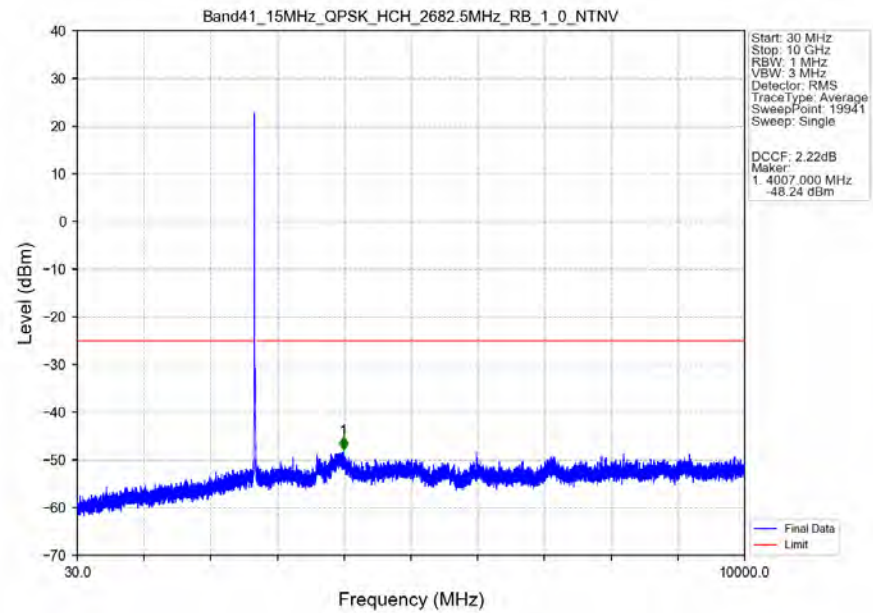
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



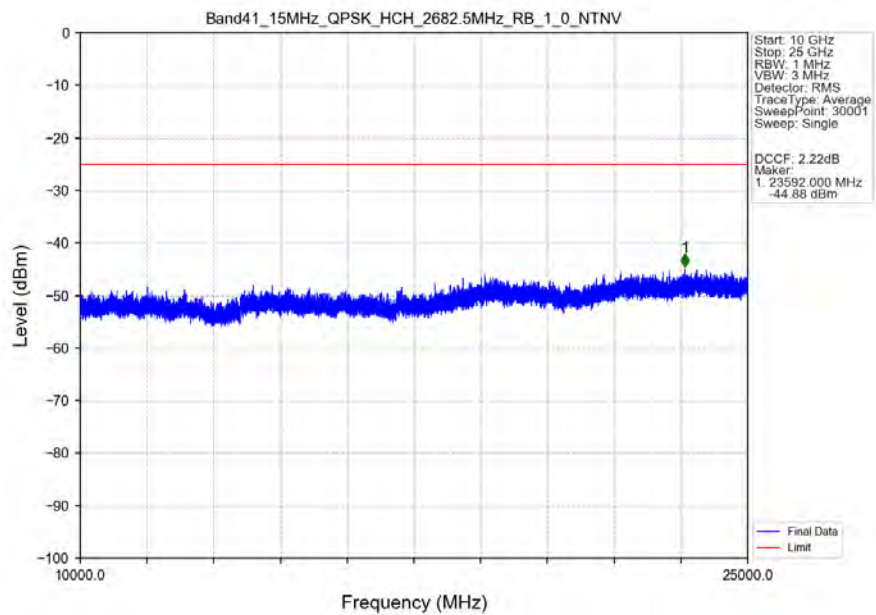
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



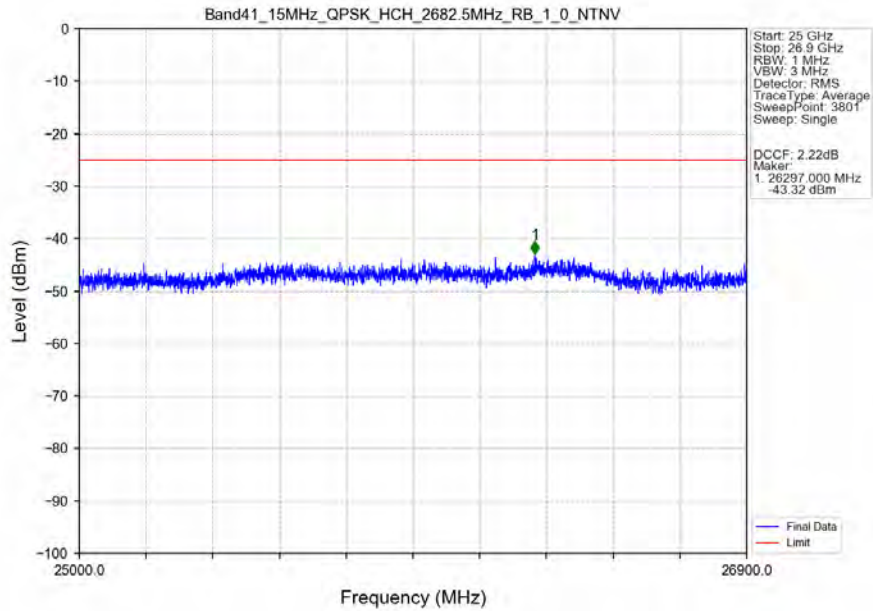
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



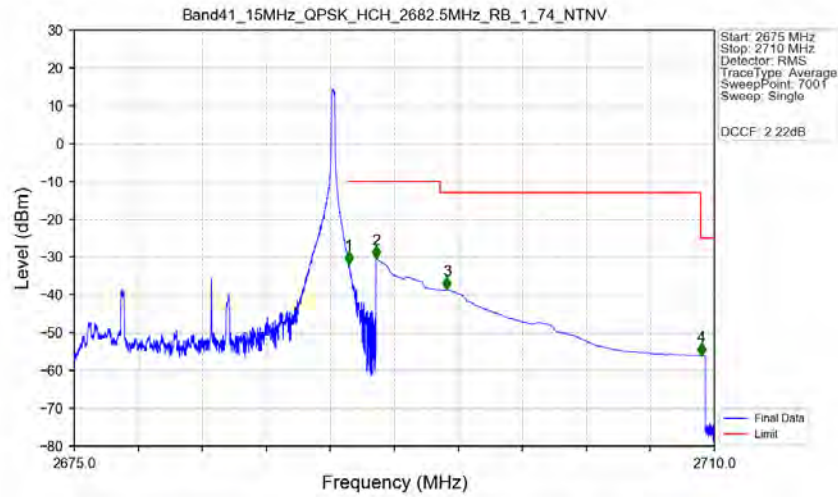
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTNV

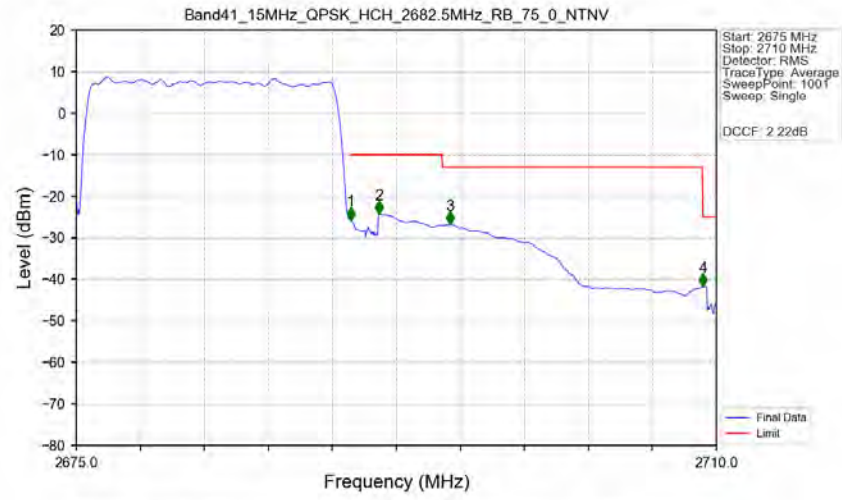


Band41 15MHz QPSK HCH 2682.5MHz RB 1 74 NTNV



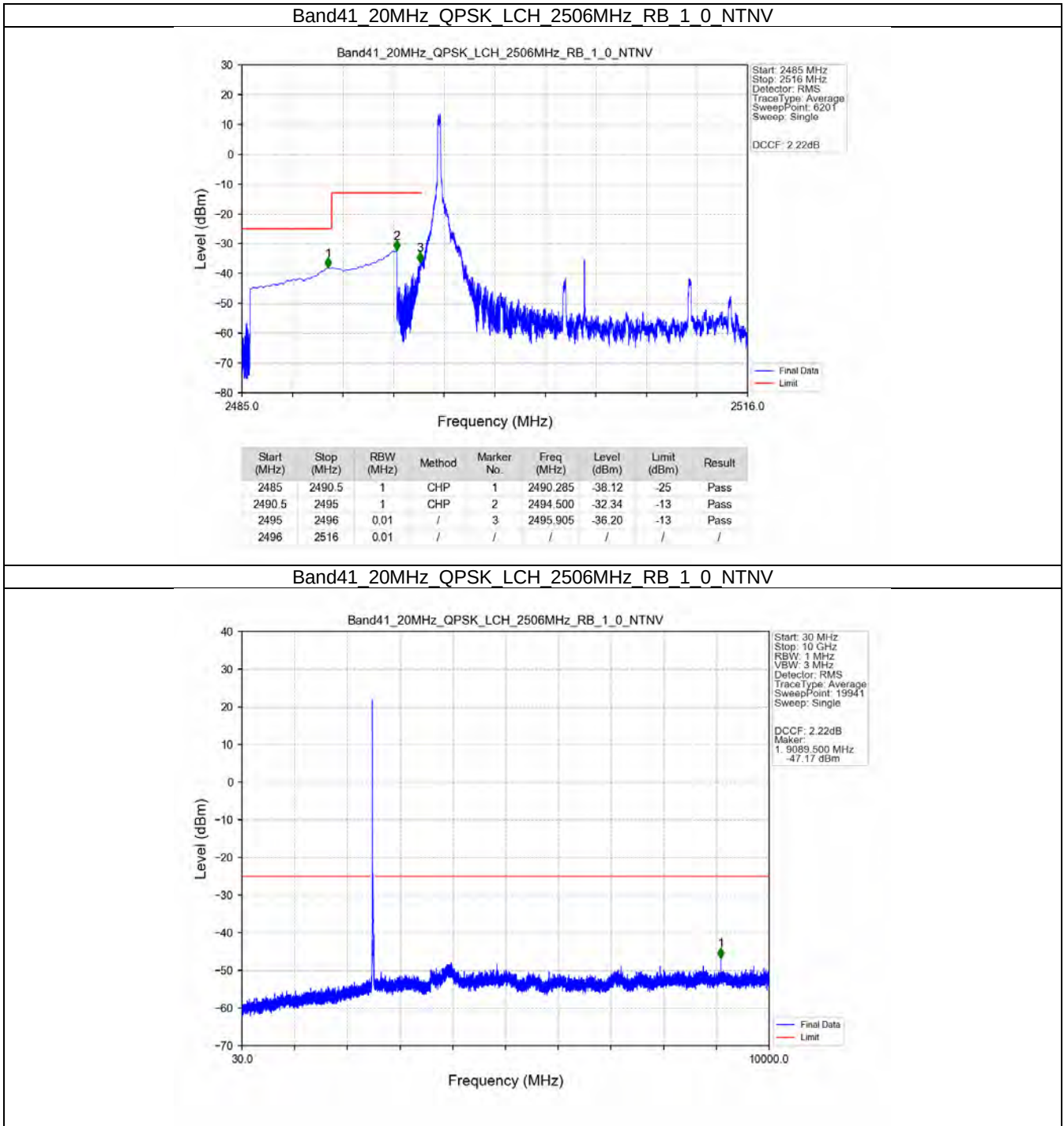
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.020	-31.93	-10	Pass
2691	2695	1	CHP	2	2691.500	-30.44	-10	Pass
2695	2709.252	1	CHP	3	2695.375	-38.65	-13	Pass
2709.252	2710	1	CHP	4	2709.295	-56.04	-25	Pass

Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTV

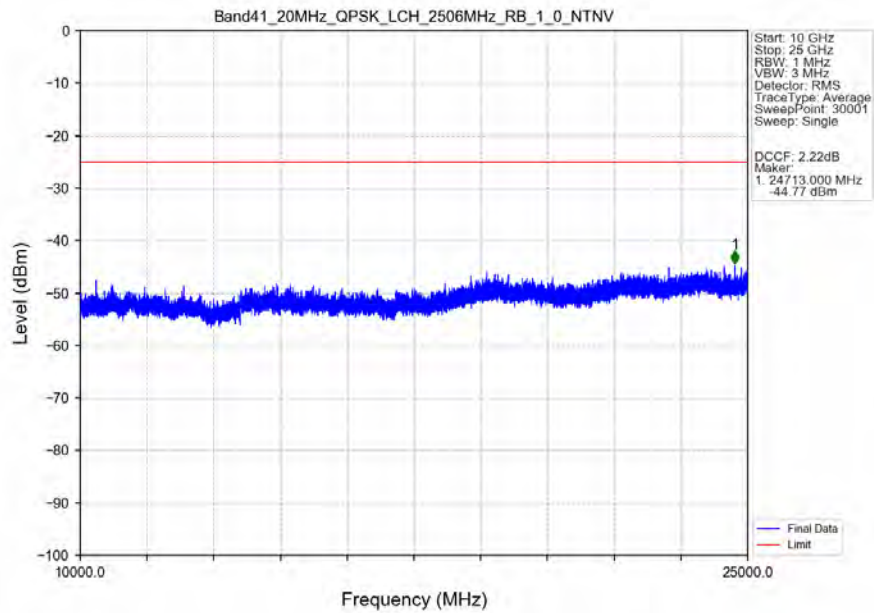


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.385	CHP	/	/	/	/	/
2690	2691	0.385	CHP	1	2690.015	-25.76	-10	Pass
2691	2695	1	CHP	2	2691.555	-24.28	-10	Pass
2695	2709.252	1	CHP	3	2695.440	-26.82	-13	Pass
2709.252	2710	1	CHP	4	2709.265	-41.74	-25	Pass

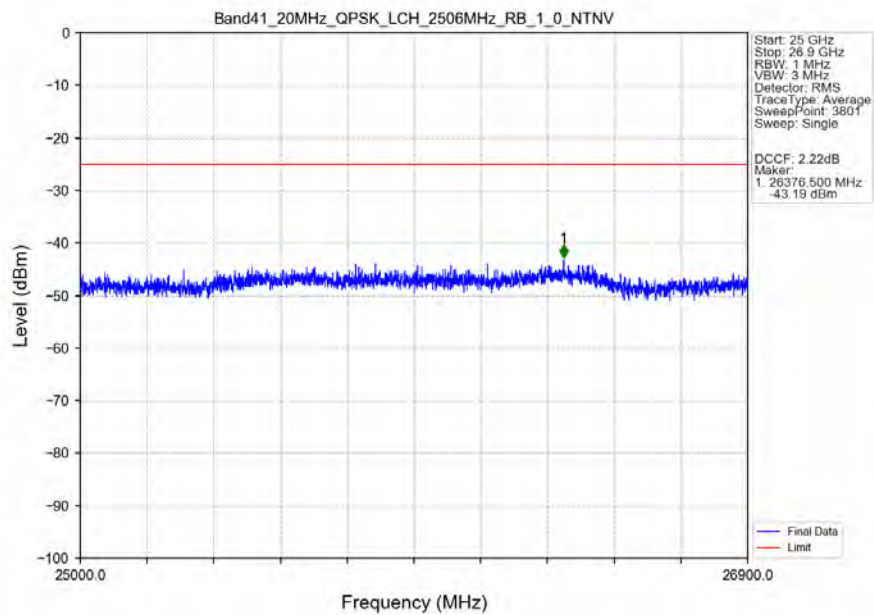
5.2.4 B41_20MHz



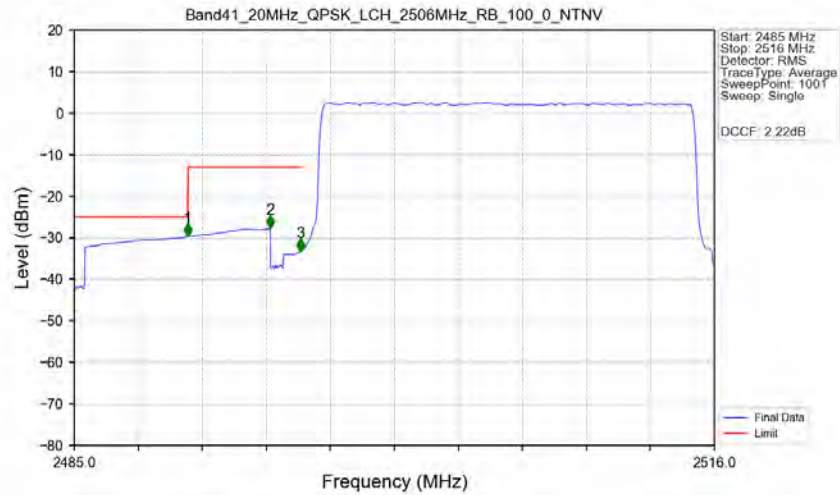
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

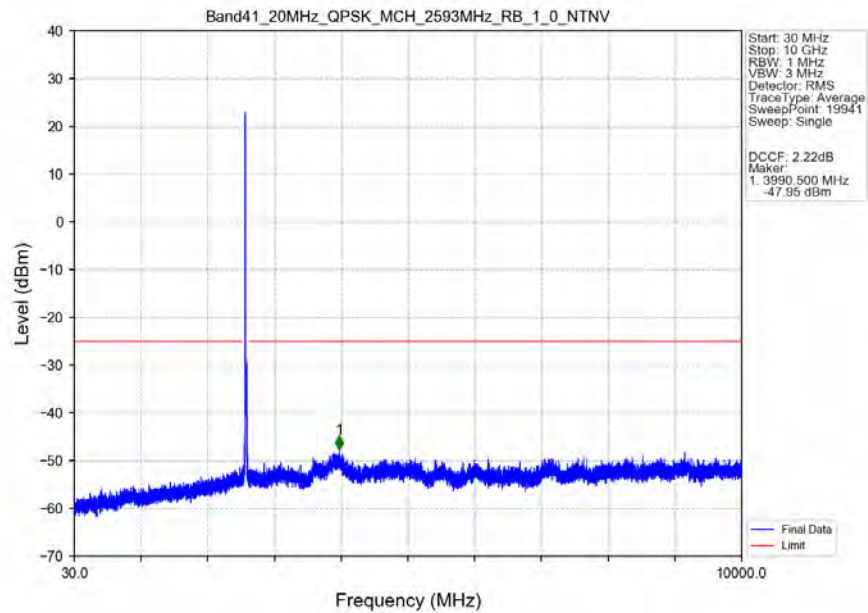


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

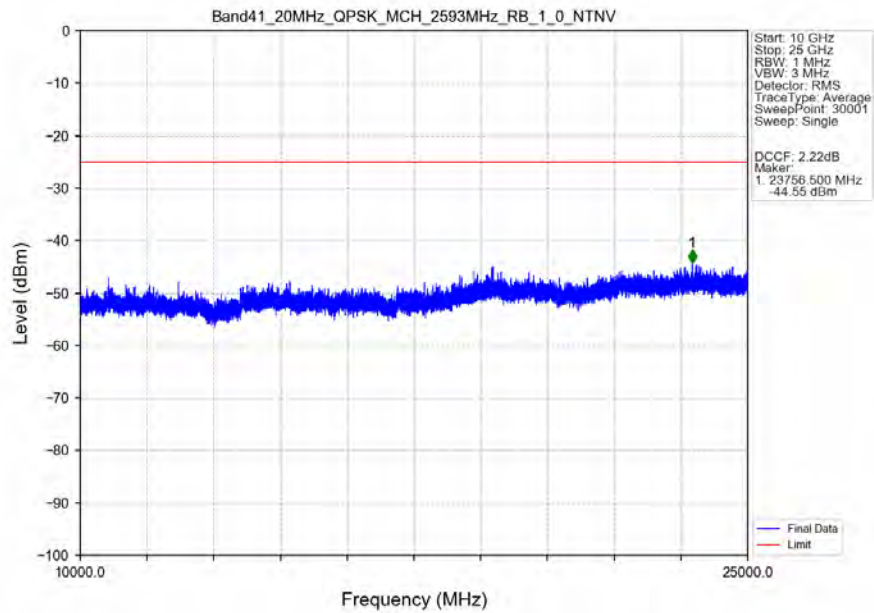


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.487	-29.71	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-27.72	-13	Pass
2495	2496	0.217	CHP	3	2495.974	-33.27	-13	Pass
2496	2516	0.217	CHP	/	/	/	/	/

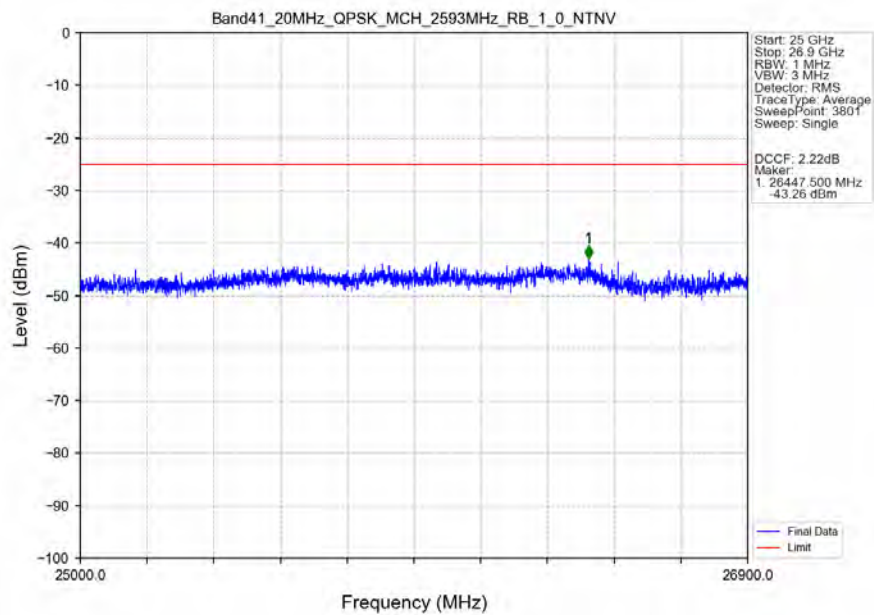
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



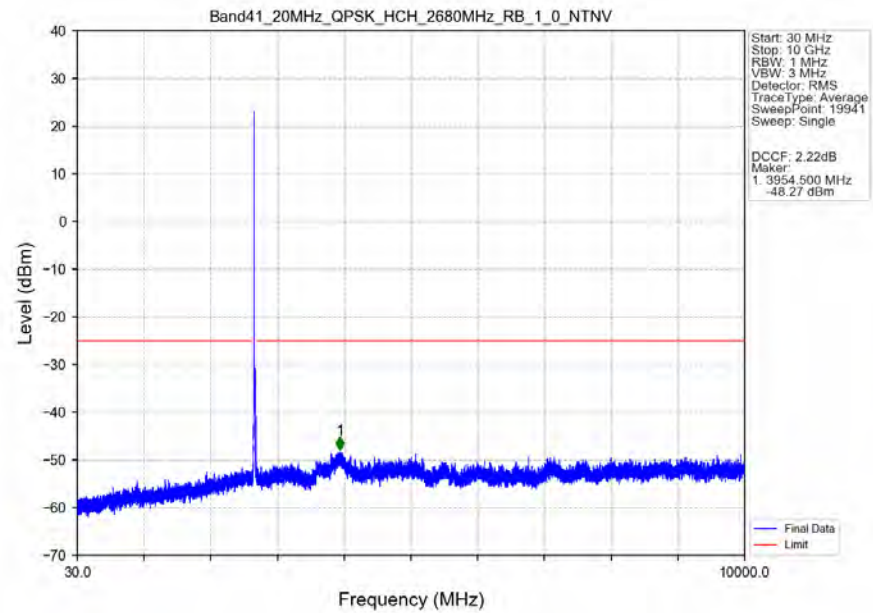
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



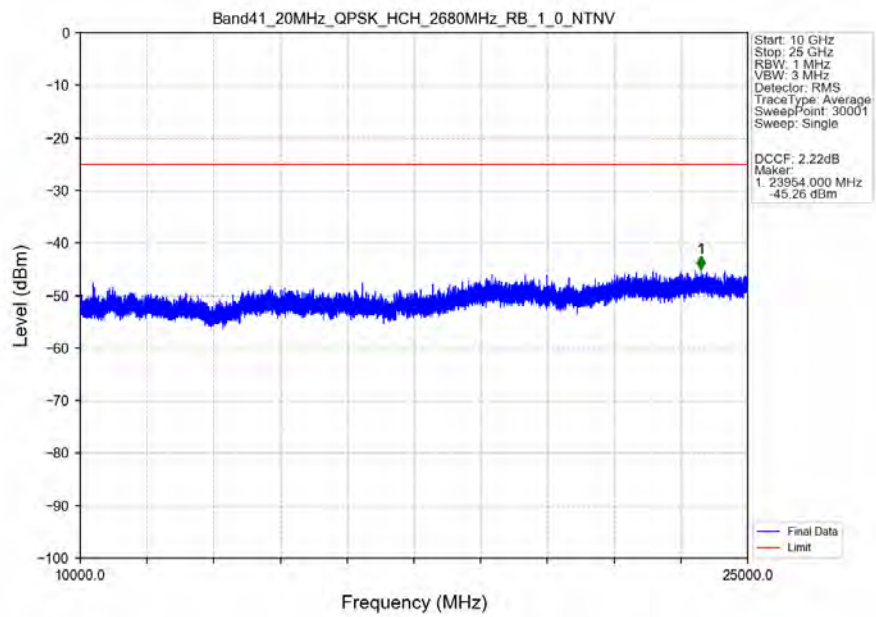
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



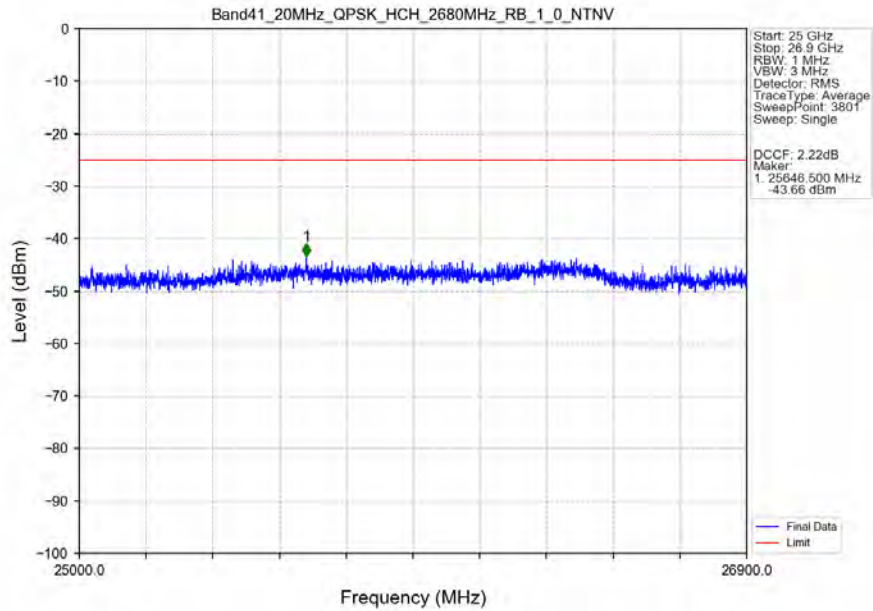
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



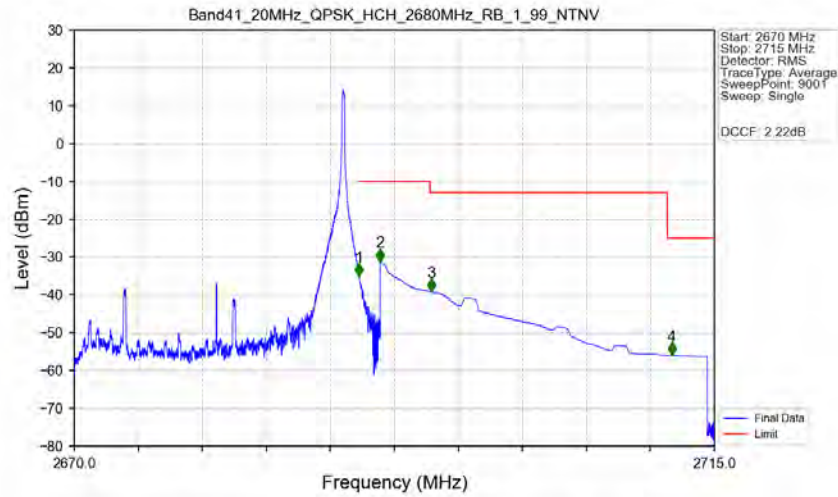
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV

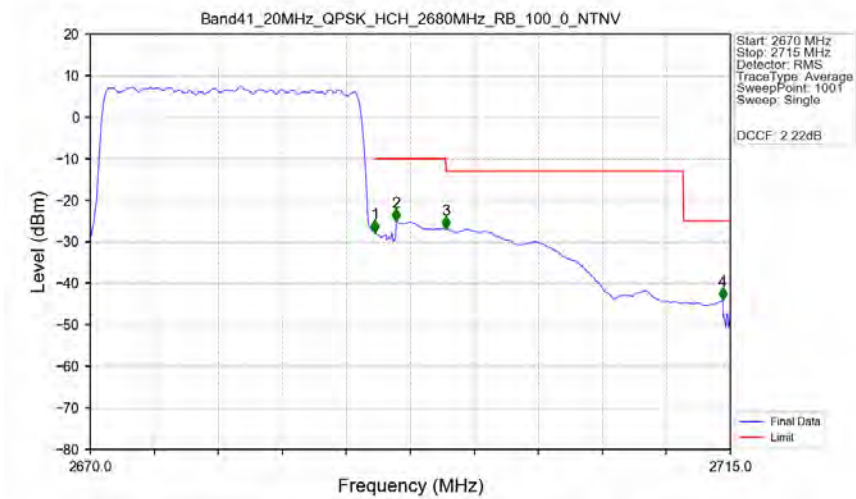


Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.020	-35.03	-10	Pass
2691	2695	1	CHP	2	2691.500	-31.15	-10	Pass
2695	2711.689	1	CHP	3	2695.095	-39.04	-13	Pass
2711.689	2715	1	CHP	4	2712.010	-55.97	-25	Pass

Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.434	CHP	/	/	/	/	/
2690	2691	0.434	CHP	1	2690.025	-27.84	-10	Pass
2691	2695	1	CHP	2	2691.510	-25.18	-10	Pass
2695	2711.689	1	CHP	3	2695.020	-26.90	-13	Pass
2711.689	2715	1	CHP	4	2714.460	-44.07	-25	Pass