

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	26.45	-0.80	25.65	<=33.01	Pass
			13	26.40	-0.80	25.60	<=33.01	Pass
			24	26.43	-0.80	25.63	<=33.01	Pass
		12	0	25.35	-0.80	24.55	<=33.01	Pass
			6	25.22	-0.80	24.42	<=33.01	Pass
			13	25.32	-0.80	24.52	<=33.01	Pass
		25	0	25.38	-0.80	24.58	<=33.01	Pass
	2593	1	0	26.44	-0.80	25.64	<=33.01	Pass
			13	26.36	-0.80	25.56	<=33.01	Pass
			24	26.42	-0.80	25.62	<=33.01	Pass
		12	0	25.27	-0.80	24.47	<=33.01	Pass
			6	25.14	-0.80	24.34	<=33.01	Pass
			13	25.22	-0.80	24.42	<=33.01	Pass
		25	0	25.24	-0.80	24.44	<=33.01	Pass
	2687.5	1	0	26.51	-0.80	25.71	<=33.01	Pass
			13	26.44	-0.80	25.64	<=33.01	Pass
			24	26.48	-0.80	25.68	<=33.01	Pass
		12	0	25.34	-0.80	24.54	<=33.01	Pass
			6	25.22	-0.80	24.42	<=33.01	Pass
			13	25.33	-0.80	24.53	<=33.01	Pass
		25	0	25.40	-0.80	24.60	<=33.01	Pass
16QAM	2498.5	1	0	25.68	-0.80	24.88	<=33.01	Pass
			13	25.56	-0.80	24.76	<=33.01	Pass
			24	25.70	-0.80	24.90	<=33.01	Pass
		12	0	24.48	-0.80	23.68	<=33.01	Pass
			6	24.42	-0.80	23.62	<=33.01	Pass
			13	24.46	-0.80	23.66	<=33.01	Pass
		25	0	24.44	-0.80	23.64	<=33.01	Pass
	2593	1	0	25.73	-0.80	24.93	<=33.01	Pass
			13	25.55	-0.80	24.75	<=33.01	Pass
			24	25.69	-0.80	24.89	<=33.01	Pass
		12	0	24.42	-0.80	23.62	<=33.01	Pass
			6	24.32	-0.80	23.52	<=33.01	Pass
			13	24.38	-0.80	23.58	<=33.01	Pass
		25	0	24.37	-0.80	23.57	<=33.01	Pass
	2687.5	1	0	25.72	-0.80	24.92	<=33.01	Pass
			13	25.58	-0.80	24.78	<=33.01	Pass
			24	25.75	-0.80	24.95	<=33.01	Pass
		12	0	24.50	-0.80	23.70	<=33.01	Pass
			6	24.42	-0.80	23.62	<=33.01	Pass
			13	24.48	-0.80	23.68	<=33.01	Pass
		25	0	24.47	-0.80	23.67	<=33.01	Pass

64QAM	2498.5	1	0	24.40	-0.80	23.60	<=33.01	Pass	
			13	24.33	-0.80	23.53	<=33.01	Pass	
			24	24.36	-0.80	23.56	<=33.01	Pass	
		12	0	23.55	-0.80	22.75	<=33.01	Pass	
			6	23.45	-0.80	22.65	<=33.01	Pass	
			13	23.53	-0.80	22.73	<=33.01	Pass	
		25	0	23.53	-0.80	22.73	<=33.01	Pass	
		2593	1	0	24.38	-0.80	23.58	<=33.01	Pass
				13	24.29	-0.80	23.49	<=33.01	Pass
	24			24.35	-0.80	23.55	<=33.01	Pass	
	12		0	23.49	-0.80	22.69	<=33.01	Pass	
			6	23.43	-0.80	22.63	<=33.01	Pass	
			13	23.43	-0.80	22.63	<=33.01	Pass	
	25		0	23.42	-0.80	22.62	<=33.01	Pass	
	2687.5		1	0	24.44	-0.80	23.64	<=33.01	Pass
				13	24.34	-0.80	23.54	<=33.01	Pass
		24		24.41	-0.80	23.61	<=33.01	Pass	
		12	0	23.59	-0.80	22.79	<=33.01	Pass	
			6	23.51	-0.80	22.71	<=33.01	Pass	
			13	23.55	-0.80	22.75	<=33.01	Pass	
		25	0	23.55	-0.80	22.75	<=33.01	Pass	
256QAM		2498.5	1	0	21.57	-0.80	20.77	<=33.01	Pass
				13	21.54	-0.80	20.74	<=33.01	Pass
	24			21.57	-0.80	20.77	<=33.01	Pass	
	12		0	21.56	-0.80	20.76	<=33.01	Pass	
			6	21.51	-0.80	20.71	<=33.01	Pass	
			13	21.54	-0.80	20.74	<=33.01	Pass	
	25		0	21.49	-0.80	20.69	<=33.01	Pass	
	2593		1	0	21.61	-0.80	20.81	<=33.01	Pass
				13	21.53	-0.80	20.73	<=33.01	Pass
		24		21.54	-0.80	20.74	<=33.01	Pass	
		12	0	21.46	-0.80	20.66	<=33.01	Pass	
			6	21.41	-0.80	20.61	<=33.01	Pass	
			13	21.44	-0.80	20.64	<=33.01	Pass	
		25	0	21.41	-0.80	20.61	<=33.01	Pass	
		2687.5	1	0	21.68	-0.80	20.88	<=33.01	Pass
				13	21.63	-0.80	20.83	<=33.01	Pass
	24			21.70	-0.80	20.90	<=33.01	Pass	
	12		0	21.56	-0.80	20.76	<=33.01	Pass	
			6	21.54	-0.80	20.74	<=33.01	Pass	
			13	21.56	-0.80	20.76	<=33.01	Pass	
	25		0	21.55	-0.80	20.75	<=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	26.44	-0.80	25.64	<=33.01	Pass
			25	26.36	-0.80	25.56	<=33.01	Pass
			49	26.41	-0.80	25.61	<=33.01	Pass
		25	0	25.37	-0.80	24.57	<=33.01	Pass
			13	25.29	-0.80	24.49	<=33.01	Pass
			25	25.32	-0.80	24.52	<=33.01	Pass
		50	0	25.30	-0.80	24.50	<=33.01	Pass
	2593	1	0	26.46	-0.80	25.66	<=33.01	Pass

			25	26.32	-0.80	25.52	<=33.01	Pass
			49	26.39	-0.80	25.59	<=33.01	Pass
			0	25.36	-0.80	24.56	<=33.01	Pass
		25	13	25.24	-0.80	24.44	<=33.01	Pass
			25	25.26	-0.80	24.46	<=33.01	Pass
			0	25.32	-0.80	24.52	<=33.01	Pass
		50	0	25.32	-0.80	24.52	<=33.01	Pass
		2685	1	0	26.50	-0.80	25.70	<=33.01
				25	26.43	-0.80	25.63	<=33.01
				49	26.52	-0.80	25.72	<=33.01
			25	0	25.40	-0.80	24.60	<=33.01
				13	25.32	-0.80	24.52	<=33.01
				25	25.36	-0.80	24.56	<=33.01
			50	0	25.32	-0.80	24.52	<=33.01
16QAM	2501	1	0	25.71	-0.80	24.91	<=33.01	Pass
			25	25.60	-0.80	24.80	<=33.01	Pass
			49	25.69	-0.80	24.89	<=33.01	Pass
		25	0	24.41	-0.80	23.61	<=33.01	Pass
			13	24.40	-0.80	23.60	<=33.01	Pass
			25	24.41	-0.80	23.61	<=33.01	Pass
		50	0	24.42	-0.80	23.62	<=33.01	Pass
	2593	1	0	25.75	-0.80	24.95	<=33.01	Pass
			25	25.63	-0.80	24.83	<=33.01	Pass
			49	25.70	-0.80	24.90	<=33.01	Pass
		25	0	24.43	-0.80	23.63	<=33.01	Pass
			13	24.35	-0.80	23.55	<=33.01	Pass
			25	24.38	-0.80	23.58	<=33.01	Pass
		50	0	24.39	-0.80	23.59	<=33.01	Pass
	2685	1	0	25.76	-0.80	24.96	<=33.01	Pass
			25	25.63	-0.80	24.83	<=33.01	Pass
			49	25.74	-0.80	24.94	<=33.01	Pass
		25	0	24.52	-0.80	23.72	<=33.01	Pass
			13	24.43	-0.80	23.63	<=33.01	Pass
			25	24.47	-0.80	23.67	<=33.01	Pass
		50	0	24.48	-0.80	23.68	<=33.01	Pass
64QAM	2501	1	0	24.35	-0.80	23.55	<=33.01	Pass
			25	24.28	-0.80	23.48	<=33.01	Pass
			49	24.30	-0.80	23.50	<=33.01	Pass
		25	0	23.52	-0.80	22.72	<=33.01	Pass
			13	23.52	-0.80	22.72	<=33.01	Pass
			25	23.52	-0.80	22.72	<=33.01	Pass
		50	0	23.46	-0.80	22.66	<=33.01	Pass
	2593	1	0	24.39	-0.80	23.59	<=33.01	Pass
			25	24.27	-0.80	23.47	<=33.01	Pass
			49	24.29	-0.80	23.49	<=33.01	Pass
		25	0	23.48	-0.80	22.68	<=33.01	Pass
			13	23.46	-0.80	22.66	<=33.01	Pass
			25	23.44	-0.80	22.64	<=33.01	Pass
		50	0	23.44	-0.80	22.64	<=33.01	Pass
	2685	1	0	24.38	-0.80	23.58	<=33.01	Pass
			25	24.38	-0.80	23.58	<=33.01	Pass
			49	24.39	-0.80	23.59	<=33.01	Pass
		25	0	23.56	-0.80	22.76	<=33.01	Pass
			13	23.54	-0.80	22.74	<=33.01	Pass
			25	23.54	-0.80	22.74	<=33.01	Pass
		50	0	23.51	-0.80	22.71	<=33.01	Pass
256QAM	2501	1	0	21.57	-0.80	20.77	<=33.01	Pass
			25	21.53	-0.80	20.73	<=33.01	Pass
			49	21.60	-0.80	20.80	<=33.01	Pass
		25	0	21.44	-0.80	20.64	<=33.01	Pass

			13	21.43	-0.80	20.63	<=33.01	Pass
			25	21.45	-0.80	20.65	<=33.01	Pass
		50	0	21.47	-0.80	20.67	<=33.01	Pass
	2593	1	0	21.62	-0.80	20.82	<=33.01	Pass
			25	21.53	-0.80	20.73	<=33.01	Pass
			49	21.60	-0.80	20.80	<=33.01	Pass
		25	0	21.46	-0.80	20.66	<=33.01	Pass
			13	21.39	-0.80	20.59	<=33.01	Pass
			25	21.41	-0.80	20.61	<=33.01	Pass
		50	0	21.47	-0.80	20.67	<=33.01	Pass
		2685	1	0	21.65	-0.80	20.85	<=33.01
	25			21.61	-0.80	20.81	<=33.01	Pass
	49			21.72	-0.80	20.92	<=33.01	Pass
	25		0	21.53	-0.80	20.73	<=33.01	Pass
			13	21.47	-0.80	20.67	<=33.01	Pass
			25	21.49	-0.80	20.69	<=33.01	Pass
	50		0	21.51	-0.80	20.71	<=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	26.46	-0.80	25.66	<=33.01	Pass
			38	26.32	-0.80	25.52	<=33.01	Pass
			74	26.35	-0.80	25.55	<=33.01	Pass
		36	0	25.34	-0.80	24.54	<=33.01	Pass
			18	25.22	-0.80	24.42	<=33.01	Pass
			39	25.32	-0.80	24.52	<=33.01	Pass
		75	0	25.30	-0.80	24.50	<=33.01	Pass
	2593	1	0	26.46	-0.80	25.66	<=33.01	Pass
			38	26.33	-0.80	25.53	<=33.01	Pass
			74	26.37	-0.80	25.57	<=33.01	Pass
		36	0	25.35	-0.80	24.55	<=33.01	Pass
			18	25.20	-0.80	24.40	<=33.01	Pass
			39	25.22	-0.80	24.42	<=33.01	Pass
		75	0	25.25	-0.80	24.45	<=33.01	Pass
	2682.5	1	0	26.48	-0.80	25.68	<=33.01	Pass
			38	26.37	-0.80	25.57	<=33.01	Pass
			74	26.44	-0.80	25.64	<=33.01	Pass
		36	0	25.32	-0.80	24.52	<=33.01	Pass
			18	25.32	-0.80	24.52	<=33.01	Pass
			39	25.34	-0.80	24.54	<=33.01	Pass
		75	0	25.36	-0.80	24.56	<=33.01	Pass
16QAM	2503.5	1	0	25.71	-0.80	24.91	<=33.01	Pass
			38	25.64	-0.80	24.84	<=33.01	Pass
			74	25.64	-0.80	24.84	<=33.01	Pass
		36	0	24.37	-0.80	23.57	<=33.01	Pass
			18	24.32	-0.80	23.52	<=33.01	Pass
			39	24.35	-0.80	23.55	<=33.01	Pass
		75	0	24.35	-0.80	23.55	<=33.01	Pass
	2593	1	0	25.74	-0.80	24.94	<=33.01	Pass
			38	25.61	-0.80	24.81	<=33.01	Pass
			74	25.63	-0.80	24.83	<=33.01	Pass
		36	0	24.40	-0.80	23.60	<=33.01	Pass
			18	24.28	-0.80	23.48	<=33.01	Pass

			39	24.29	-0.80	23.49	<=33.01	Pass	
		75	0	24.29	-0.80	23.49	<=33.01	Pass	
		2682.5	1	0	25.72	-0.80	24.92	<=33.01	Pass
				38	25.72	-0.80	24.92	<=33.01	Pass
				74	25.77	-0.80	24.97	<=33.01	Pass
			36	0	24.44	-0.80	23.64	<=33.01	Pass
				18	24.40	-0.80	23.60	<=33.01	Pass
				39	24.40	-0.80	23.60	<=33.01	Pass
		75	0	24.43	-0.80	23.63	<=33.01	Pass	
64QAM	2503.5	1	0	24.35	-0.80	23.55	<=33.01	Pass	
			38	24.27	-0.80	23.47	<=33.01	Pass	
			74	24.25	-0.80	23.45	<=33.01	Pass	
		36	0	23.43	-0.80	22.63	<=33.01	Pass	
			18	23.36	-0.80	22.56	<=33.01	Pass	
			39	23.39	-0.80	22.59	<=33.01	Pass	
			75	0	23.41	-0.80	22.61	<=33.01	Pass
			2593	1	0	24.36	-0.80	23.56	<=33.01
		38			24.27	-0.80	23.47	<=33.01	Pass
	74	24.26			-0.80	23.46	<=33.01	Pass	
	36	0		23.42	-0.80	22.62	<=33.01	Pass	
		18		23.33	-0.80	22.53	<=33.01	Pass	
		39		23.32	-0.80	22.52	<=33.01	Pass	
	75	0	23.32	-0.80	22.52	<=33.01	Pass		
	2682.5	1	0	24.45	-0.80	23.65	<=33.01	Pass	
			38	24.42	-0.80	23.62	<=33.01	Pass	
			74	24.40	-0.80	23.60	<=33.01	Pass	
		36	0	23.45	-0.80	22.65	<=33.01	Pass	
			18	23.47	-0.80	22.67	<=33.01	Pass	
			39	23.44	-0.80	22.64	<=33.01	Pass	
			75	0	23.52	-0.80	22.72	<=33.01	Pass
256QAM			2503.5	1	0	21.53	-0.80	20.73	<=33.01
		38			21.50	-0.80	20.70	<=33.01	Pass
	74	21.58			-0.80	20.78	<=33.01	Pass	
	36	0		21.38	-0.80	20.58	<=33.01	Pass	
		18		21.36	-0.80	20.56	<=33.01	Pass	
		39		21.40	-0.80	20.60	<=33.01	Pass	
		75		0	21.37	-0.80	20.57	<=33.01	Pass
		2593		1	0	21.56	-0.80	20.76	<=33.01
	38				21.50	-0.80	20.70	<=33.01	Pass
	74		21.51		-0.80	20.71	<=33.01	Pass	
	36		0	21.37	-0.80	20.57	<=33.01	Pass	
			18	21.27	-0.80	20.47	<=33.01	Pass	
			39	21.27	-0.80	20.47	<=33.01	Pass	
	75	0	21.35	-0.80	20.55	<=33.01	Pass		
	2682.5	1	0	21.63	-0.80	20.83	<=33.01	Pass	
			38	21.53	-0.80	20.73	<=33.01	Pass	
			74	21.63	-0.80	20.83	<=33.01	Pass	
		36	0	21.39	-0.80	20.59	<=33.01	Pass	
			18	21.43	-0.80	20.63	<=33.01	Pass	
			39	21.43	-0.80	20.63	<=33.01	Pass	
			75	0	21.46	-0.80	20.66	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit	
QPSK	2506	1	0	26.42	-0.80	25.62	<=33.01	Pass
			50	26.32	-0.80	25.52	<=33.01	Pass
			99	26.32	-0.80	25.52	<=33.01	Pass
		50	0	25.35	-0.80	24.55	<=33.01	Pass
			25	25.28	-0.80	24.48	<=33.01	Pass
			50	25.29	-0.80	24.49	<=33.01	Pass
		100	0	25.27	-0.80	24.47	<=33.01	Pass
	2593	1	0	26.45	-0.80	25.65	<=33.01	Pass
			50	26.34	-0.80	25.54	<=33.01	Pass
			99	26.31	-0.80	25.51	<=33.01	Pass
		50	0	25.37	-0.80	24.57	<=33.01	Pass
			25	25.28	-0.80	24.48	<=33.01	Pass
			50	25.28	-0.80	24.48	<=33.01	Pass
		100	0	25.34	-0.80	24.54	<=33.01	Pass
	2680	1	0	26.48	-0.80	25.68	<=33.01	Pass
			50	26.38	-0.80	25.58	<=33.01	Pass
			99	26.41	-0.80	25.61	<=33.01	Pass
		50	0	25.44	-0.80	24.64	<=33.01	Pass
			25	25.33	-0.80	24.53	<=33.01	Pass
			50	25.34	-0.80	24.54	<=33.01	Pass
		100	0	25.37	-0.80	24.57	<=33.01	Pass
16QAM	2506	1	0	25.69	-0.80	24.89	<=33.01	Pass
			50	25.58	-0.80	24.78	<=33.01	Pass
			99	25.57	-0.80	24.77	<=33.01	Pass
		50	0	24.38	-0.80	23.58	<=33.01	Pass
			25	24.35	-0.80	23.55	<=33.01	Pass
			50	24.36	-0.80	23.56	<=33.01	Pass
		100	0	24.40	-0.80	23.60	<=33.01	Pass
	2593	1	0	25.80	-0.80	25.00	<=33.01	Pass
			50	25.62	-0.80	24.82	<=33.01	Pass
			99	25.59	-0.80	24.79	<=33.01	Pass
		50	0	24.44	-0.80	23.64	<=33.01	Pass
			25	24.39	-0.80	23.59	<=33.01	Pass
			50	24.36	-0.80	23.56	<=33.01	Pass
		100	0	24.41	-0.80	23.61	<=33.01	Pass
	2680	1	0	25.74	-0.80	24.94	<=33.01	Pass
			50	25.65	-0.80	24.85	<=33.01	Pass
			99	25.72	-0.80	24.92	<=33.01	Pass
		50	0	24.51	-0.80	23.71	<=33.01	Pass
			25	24.40	-0.80	23.60	<=33.01	Pass
			50	24.43	-0.80	23.63	<=33.01	Pass
		100	0	24.47	-0.80	23.67	<=33.01	Pass
64QAM	2506	1	0	24.39	-0.80	23.59	<=33.01	Pass
			50	24.29	-0.80	23.49	<=33.01	Pass
			99	24.28	-0.80	23.48	<=33.01	Pass
		50	0	23.43	-0.80	22.63	<=33.01	Pass
			25	23.44	-0.80	22.64	<=33.01	Pass
			50	23.41	-0.80	22.61	<=33.01	Pass
		100	0	23.43	-0.80	22.63	<=33.01	Pass
	2593	1	0	24.44	-0.80	23.64	<=33.01	Pass
			50	24.31	-0.80	23.51	<=33.01	Pass
			99	24.30	-0.80	23.50	<=33.01	Pass
		50	0	23.51	-0.80	22.71	<=33.01	Pass
			25	23.46	-0.80	22.66	<=33.01	Pass
			50	23.39	-0.80	22.59	<=33.01	Pass
		100	0	23.48	-0.80	22.68	<=33.01	Pass
	2680	1	0	24.47	-0.80	23.67	<=33.01	Pass
			50	24.38	-0.80	23.58	<=33.01	Pass

256QAM	2506	50	99	24.42	-0.80	23.62	<=33.01	Pass
			0	23.55	-0.80	22.75	<=33.01	Pass
			25	23.49	-0.80	22.69	<=33.01	Pass
			50	23.46	-0.80	22.66	<=33.01	Pass
		100	0	23.50	-0.80	22.70	<=33.01	Pass
	2593	1	0	21.55	-0.80	20.75	<=33.01	Pass
			50	21.47	-0.80	20.67	<=33.01	Pass
			99	21.56	-0.80	20.76	<=33.01	Pass
		50	0	21.45	-0.80	20.65	<=33.01	Pass
			25	21.42	-0.80	20.62	<=33.01	Pass
			50	21.44	-0.80	20.64	<=33.01	Pass
		100	0	21.36	-0.80	20.56	<=33.01	Pass
		1	0	21.63	-0.80	20.83	<=33.01	Pass
			50	21.54	-0.80	20.74	<=33.01	Pass
			99	21.54	-0.80	20.74	<=33.01	Pass
		50	0	21.46	-0.80	20.66	<=33.01	Pass
			25	21.43	-0.80	20.63	<=33.01	Pass
			50	21.36	-0.80	20.56	<=33.01	Pass
		100	0	21.44	-0.80	20.64	<=33.01	Pass
	2680	1	0	21.62	-0.80	20.82	<=33.01	Pass
			50	21.51	-0.80	20.71	<=33.01	Pass
			99	21.62	-0.80	20.82	<=33.01	Pass
		50	0	21.51	-0.80	20.71	<=33.01	Pass
			25	21.46	-0.80	20.66	<=33.01	Pass
			50	21.46	-0.80	20.66	<=33.01	Pass
		100	0	21.46	-0.80	20.66	<=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	-0.715	-0.0003	-2.5 to 2.5	Pass
					NV	-5.879	-0.0023	-2.5 to 2.5	Pass
					HV	-0.930	-0.0004	-2.5 to 2.5	Pass
				-30	NV	-2.317	-0.0009	-2.5 to 2.5	Pass
				-20	NV	-1.688	-0.0007	-2.5 to 2.5	Pass
				-10	NV	-2.604	-0.0010	-2.5 to 2.5	Pass
				0	NV	-3.262	-0.0013	-2.5 to 2.5	Pass
				10	NV	-2.360	-0.0009	-2.5 to 2.5	Pass
				30	NV	-0.944	-0.0004	-2.5 to 2.5	Pass
				40	NV	-1.988	-0.0008	-2.5 to 2.5	Pass
				50	NV	-0.772	-0.0003	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

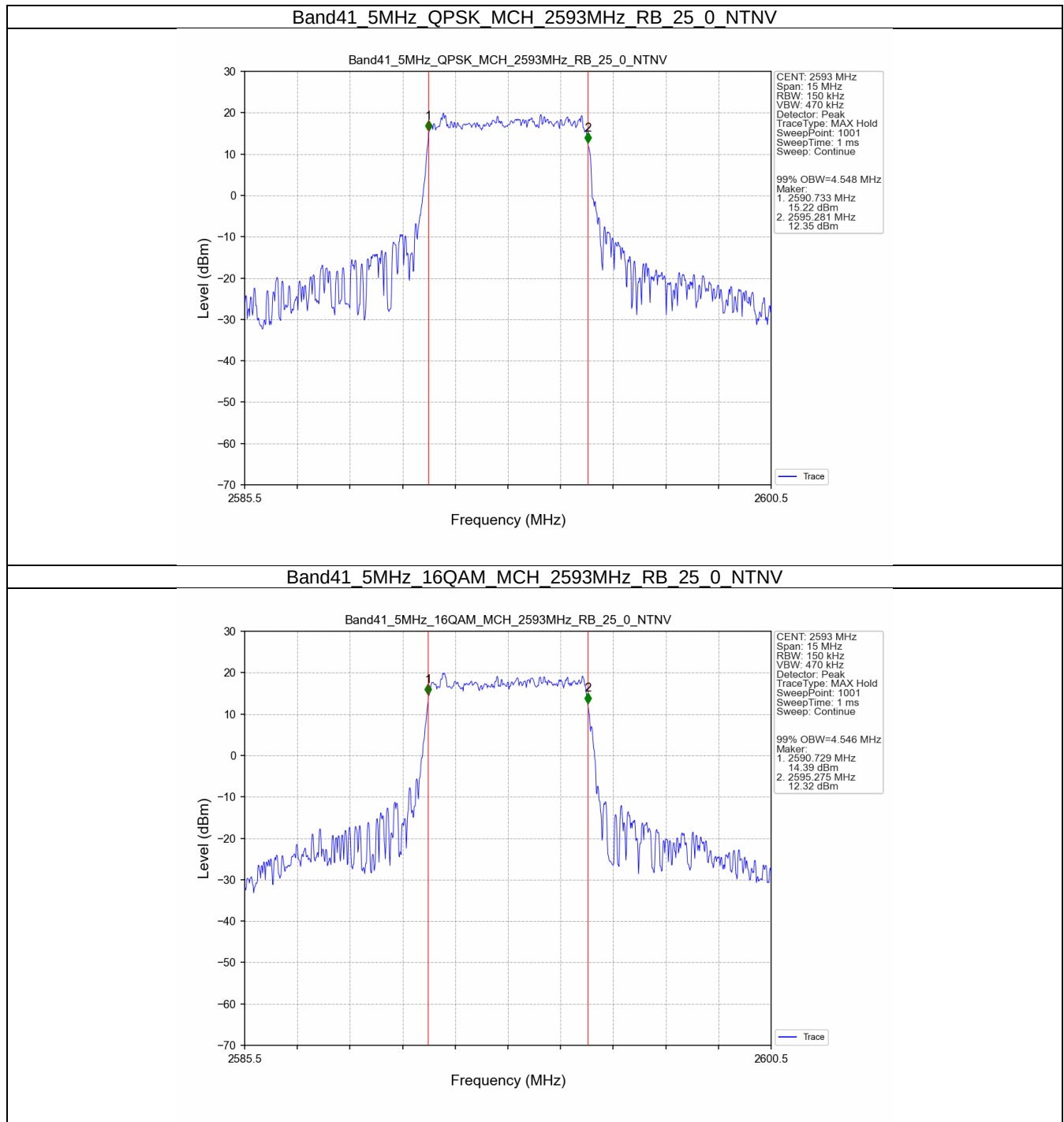
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.548	/	Pass
	16QAM	2593	25	0	4.546	/	Pass
10	QPSK	2593	50	0	9.074	/	Pass
	16QAM	2593	50	0	9.082	/	Pass
15	QPSK	2593	75	0	13.648	/	Pass
	16QAM	2593	75	0	13.613	/	Pass
20	QPSK	2593	100	0	18.131	/	Pass
	16QAM	2593	100	0	18.110	/	Pass

3.1.2 Band41_XDB

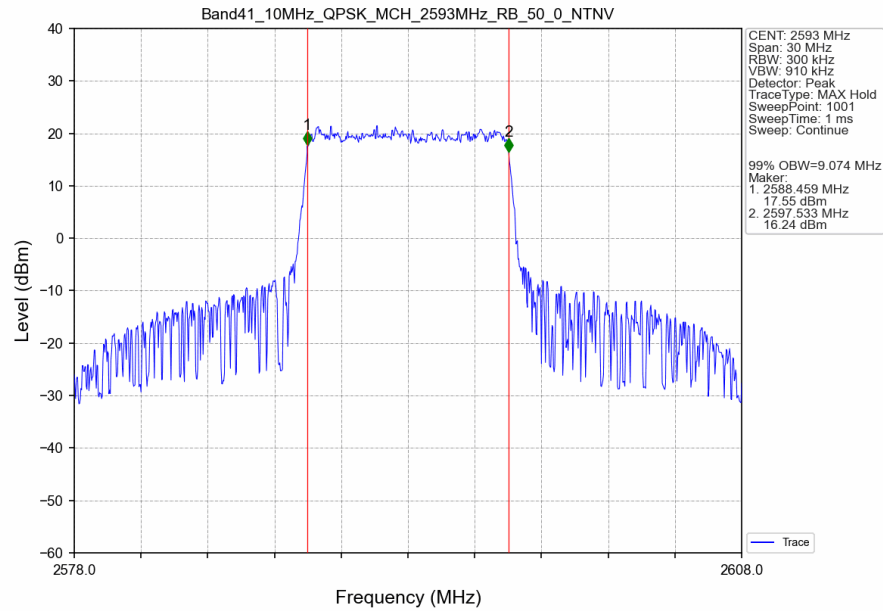
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.135	/	Pass
	16QAM	2593	25	0	5.125	/	Pass
10	QPSK	2593	50	0	10.065	/	Pass
	16QAM	2593	50	0	10.172	/	Pass
15	QPSK	2593	75	0	16.594	/	Pass
	16QAM	2593	75	0	16.499	/	Pass
20	QPSK	2593	100	0	23.440	/	Pass
	16QAM	2593	100	0	25.805	/	Pass

3.2 Test Graph

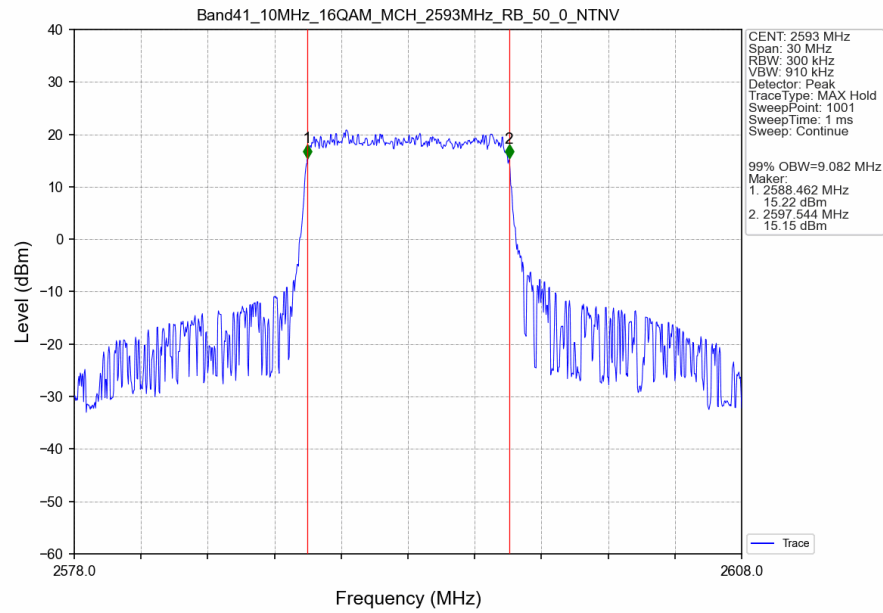
3.2.1 Band41_OBW



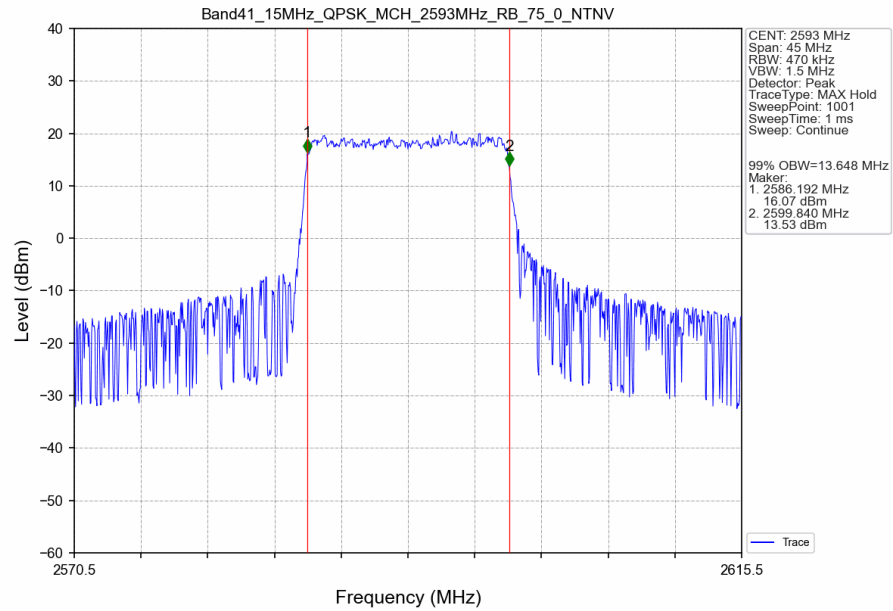
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



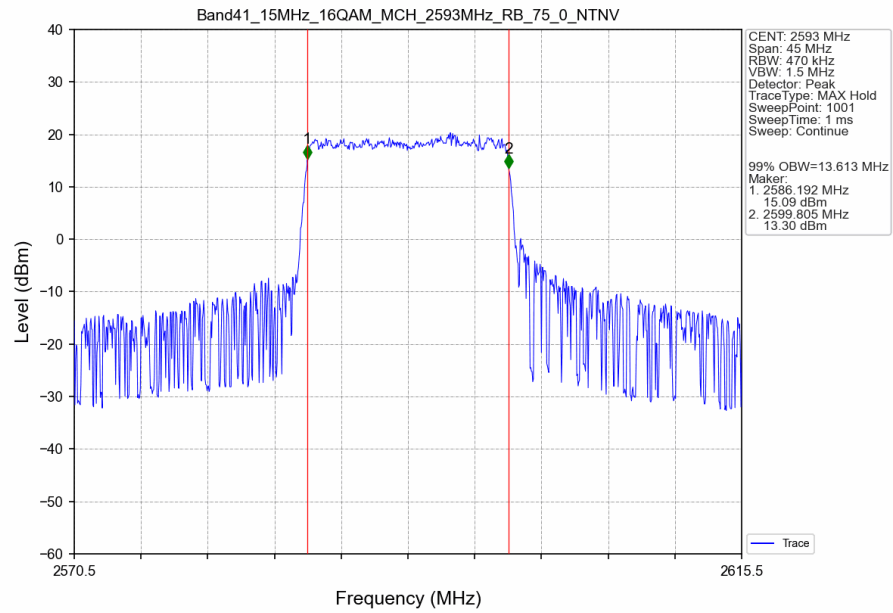
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



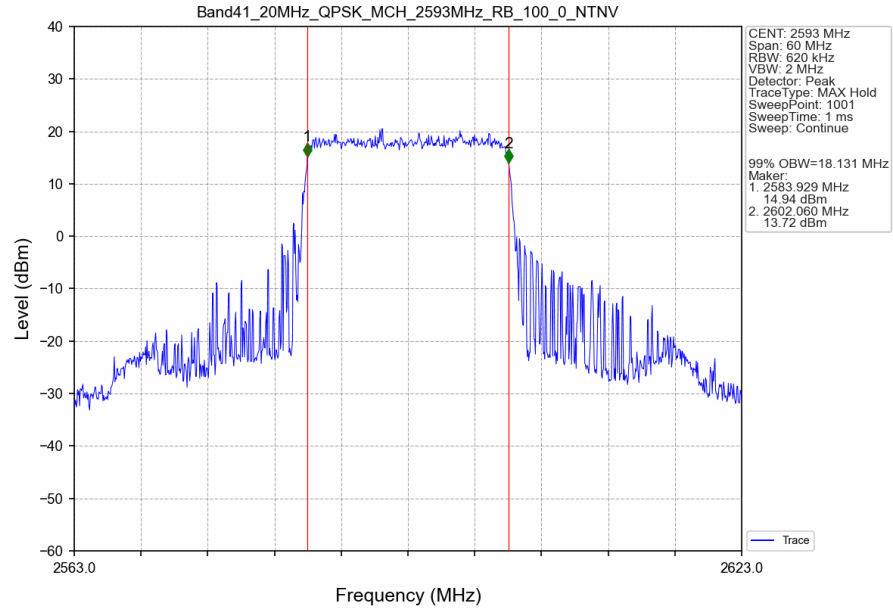
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



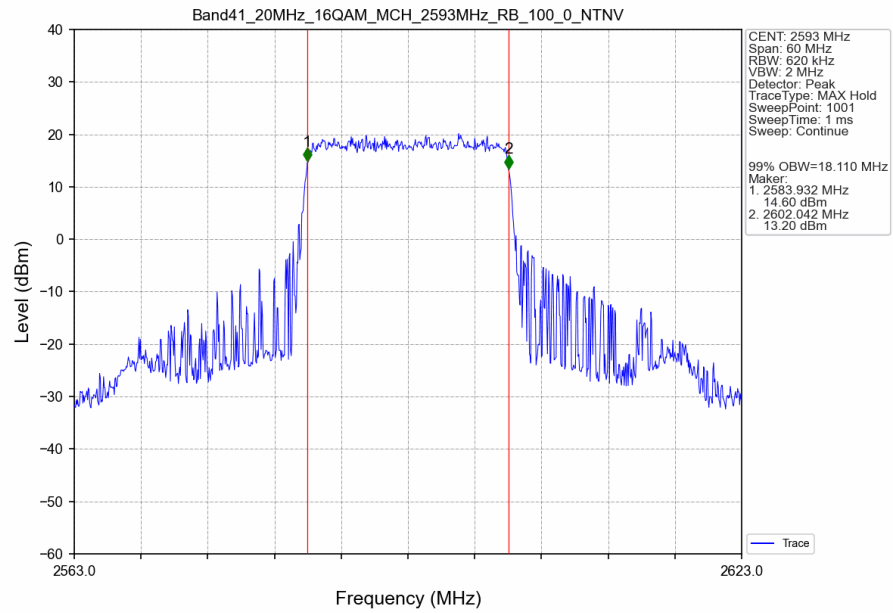
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



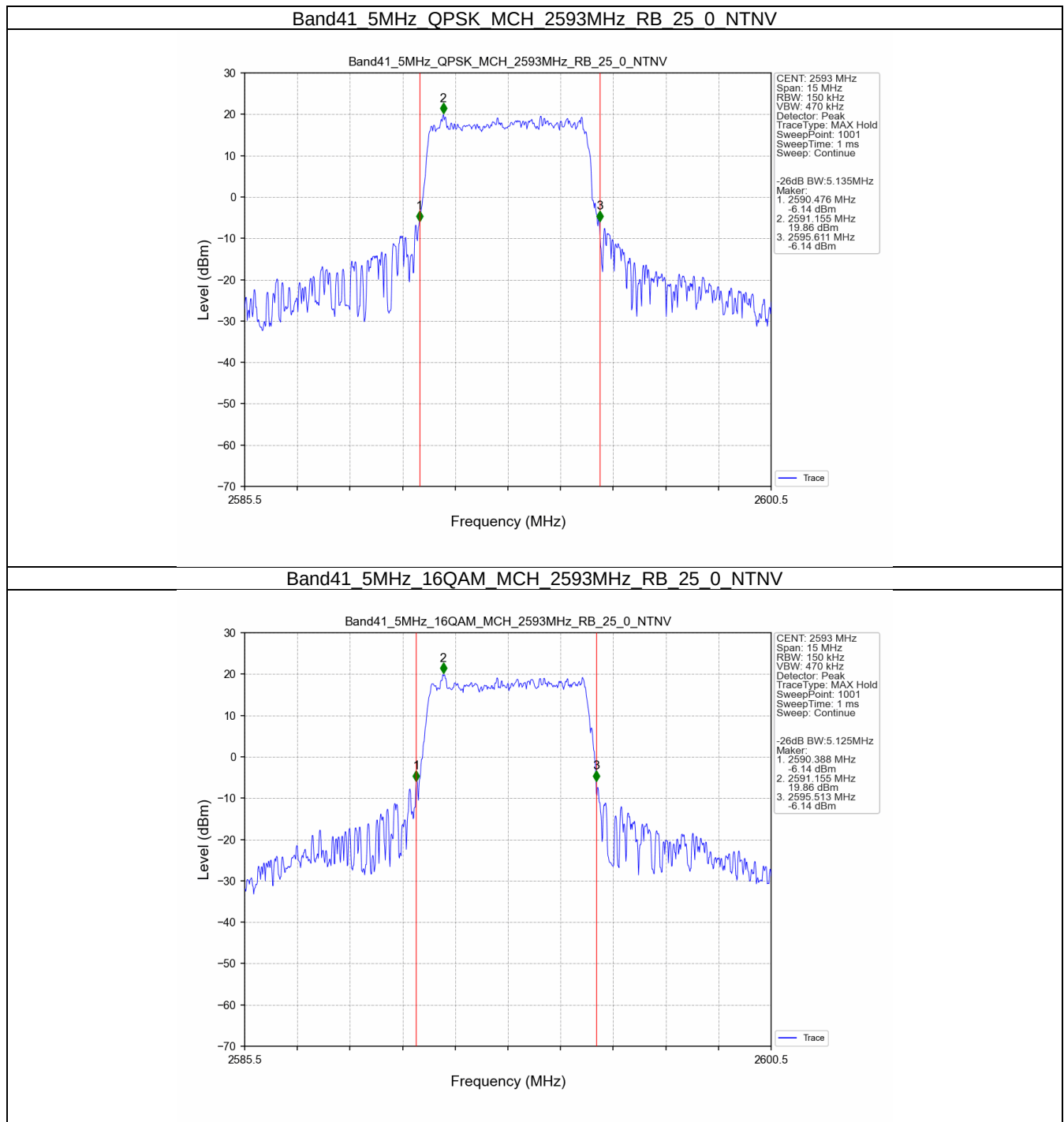
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



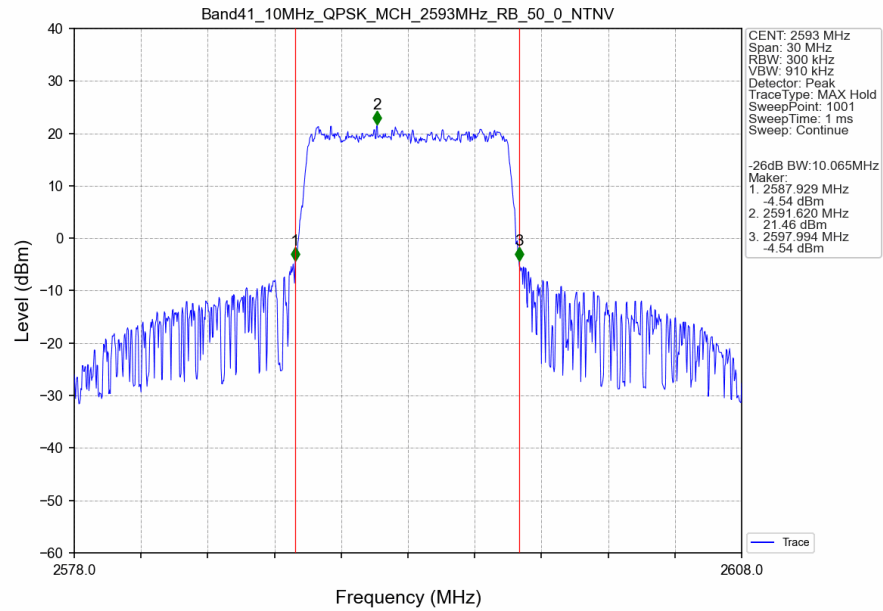
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



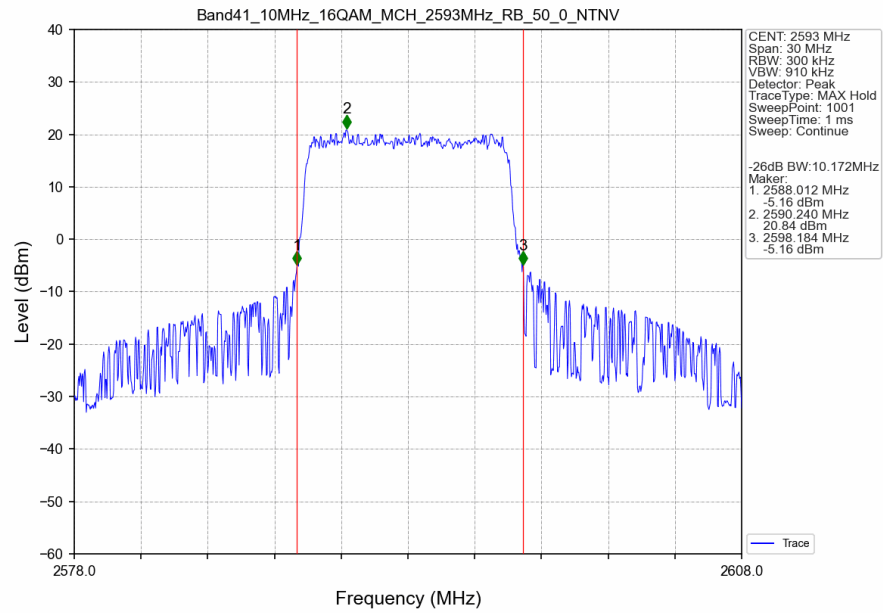
3.2.2 Band41_XDB



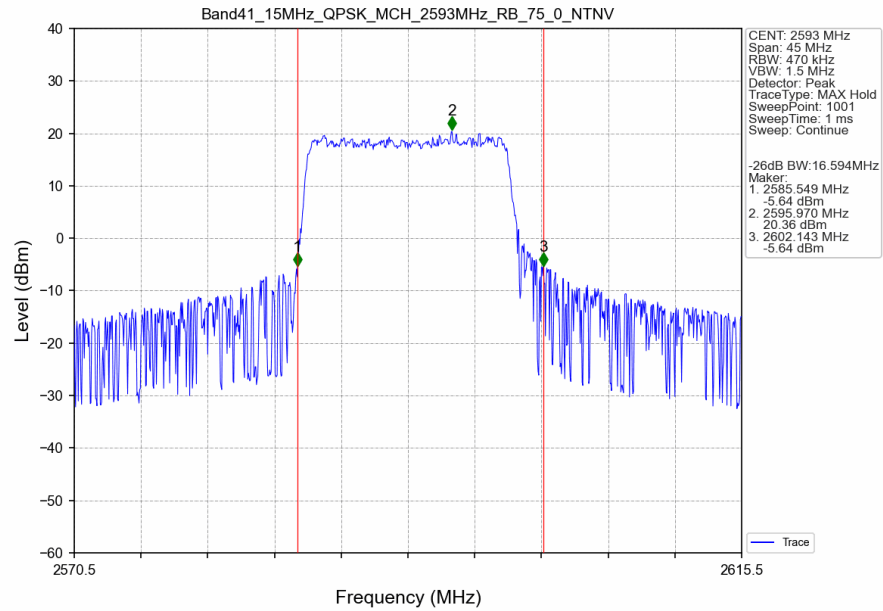
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



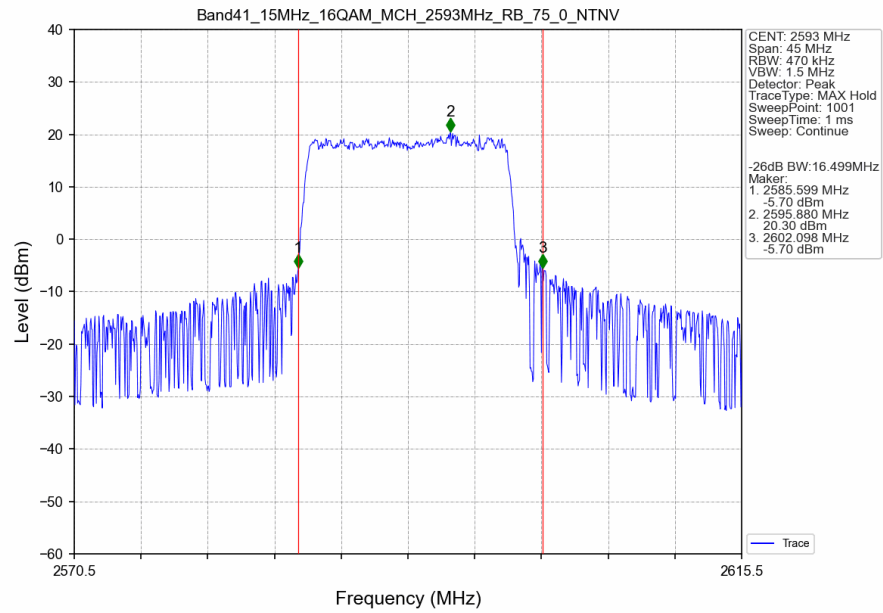
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



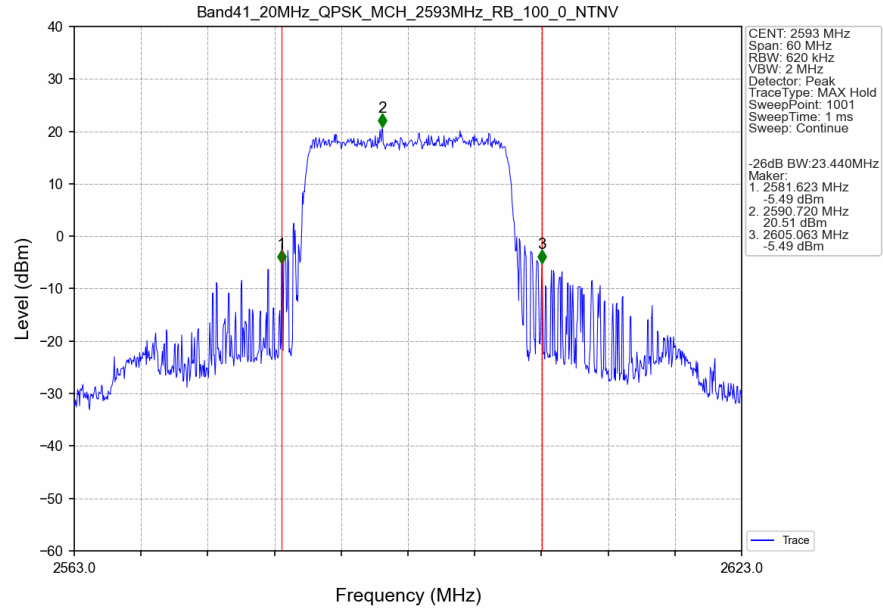
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



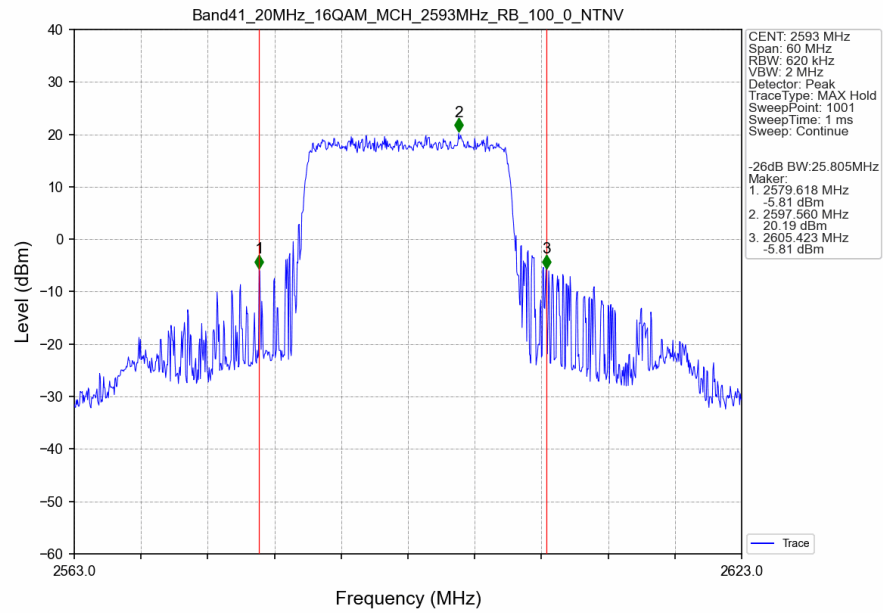
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



4. Peak-Average Ratio

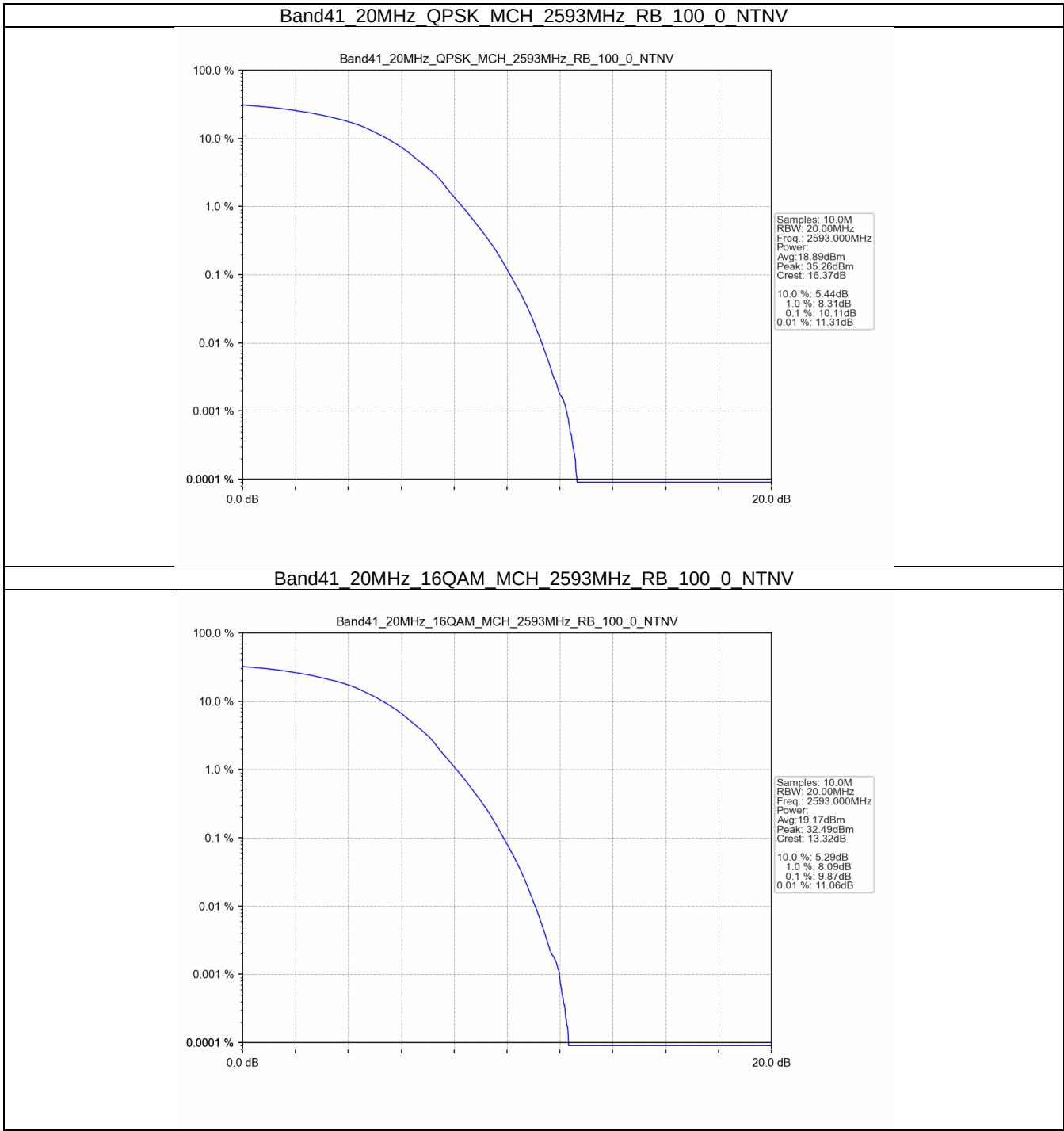
4.1 Test Result

4.1.1 B41_20MHz

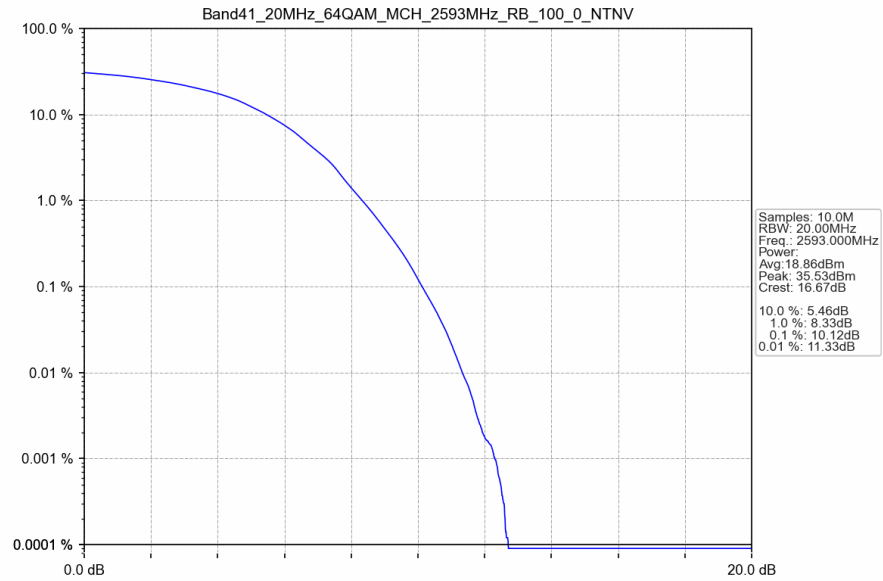
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	10.11	<=13	Pass
16QAM	2593	100	0	9.87	<=13	Pass
64QAM	2593	100	0	10.12	<=13	Pass
256QAM	2593	100	0	10.40	<=13	Pass

4.2 Test Graph

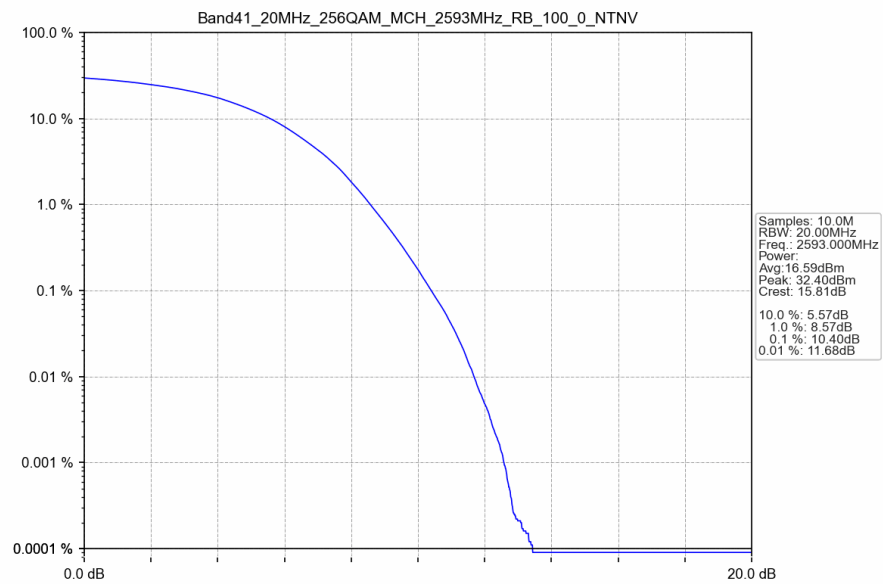
4.2.1 B41_20MHz



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 / NTNV						
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

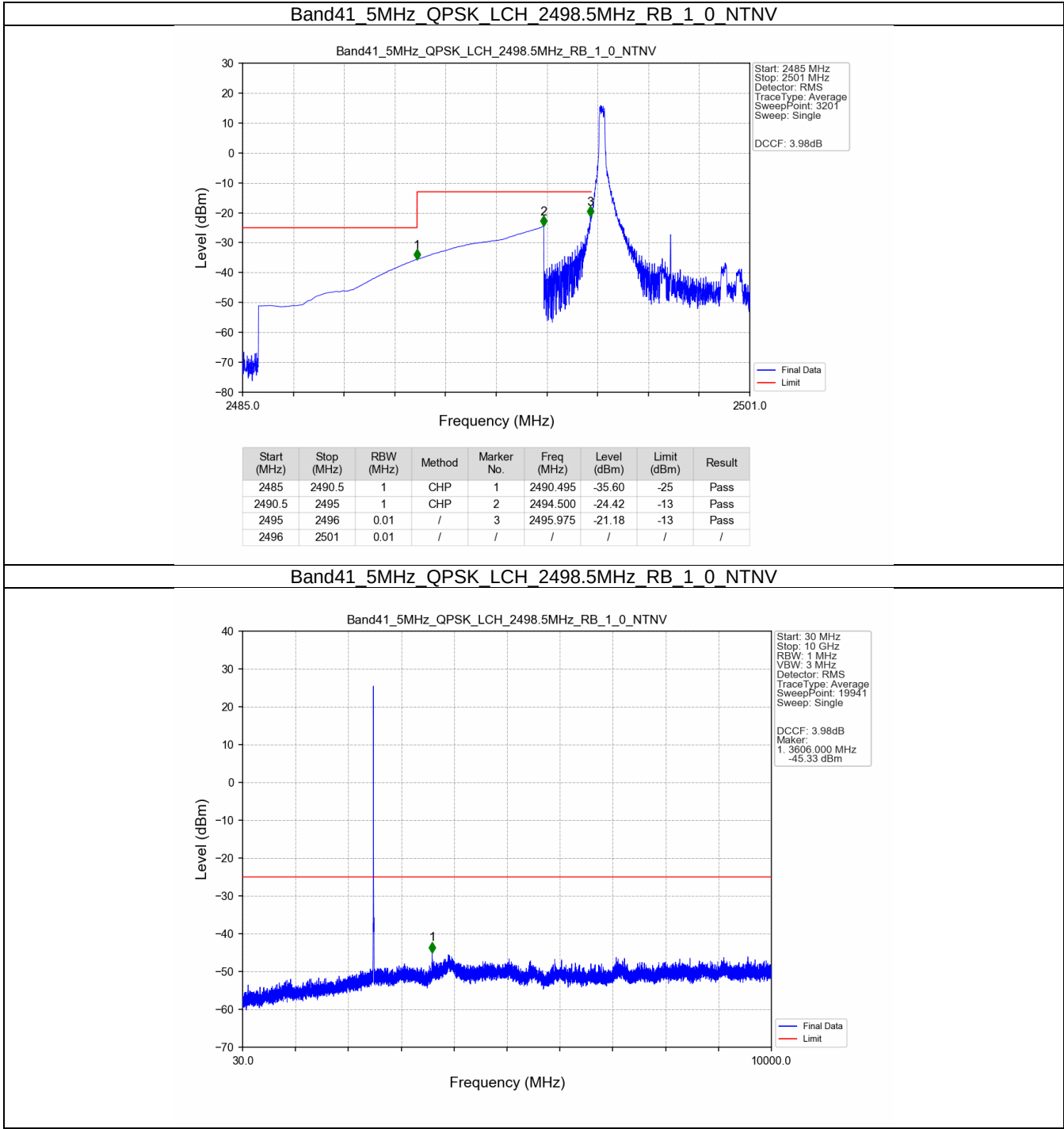
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B41_20MHz

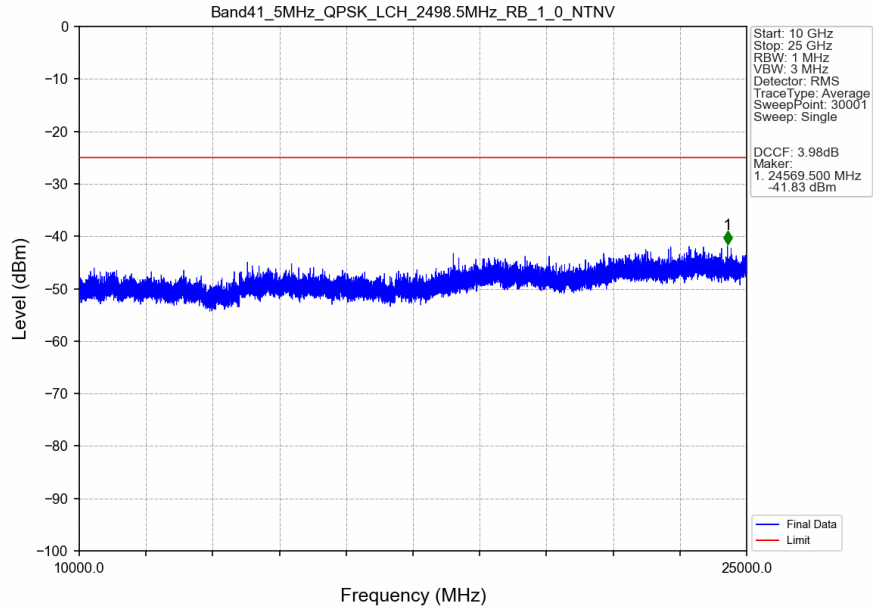
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

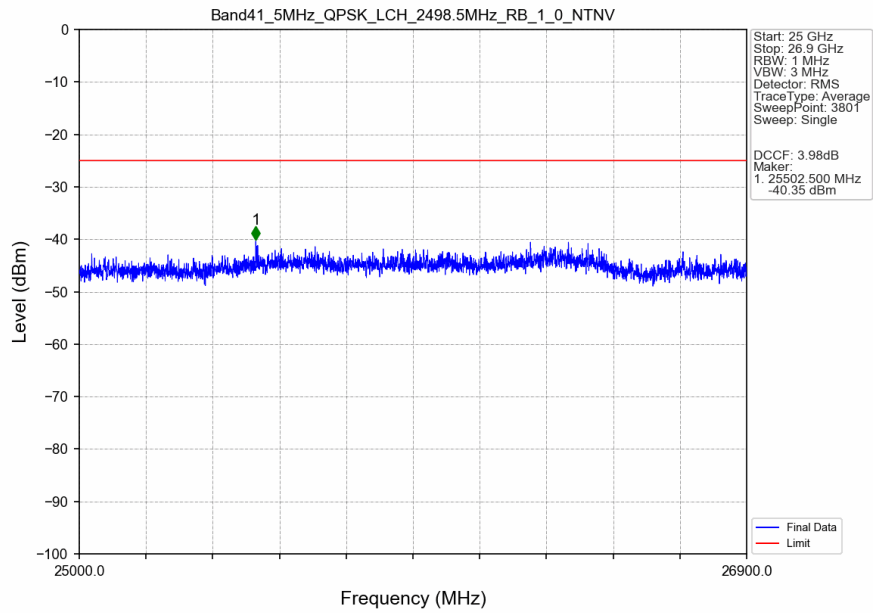
5.2.1 B41_5MHz



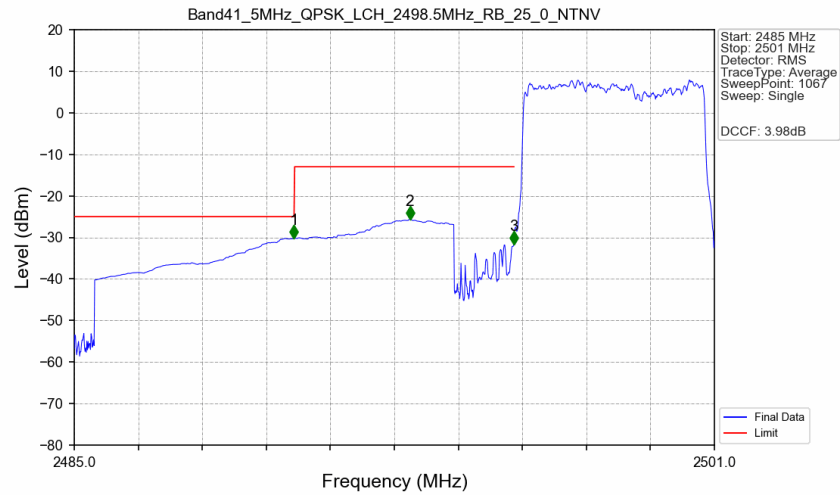
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

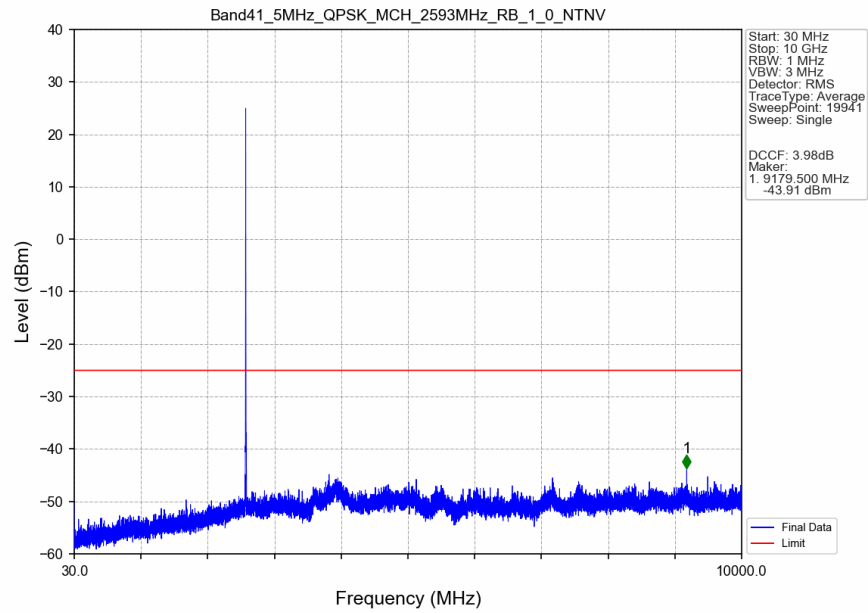


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

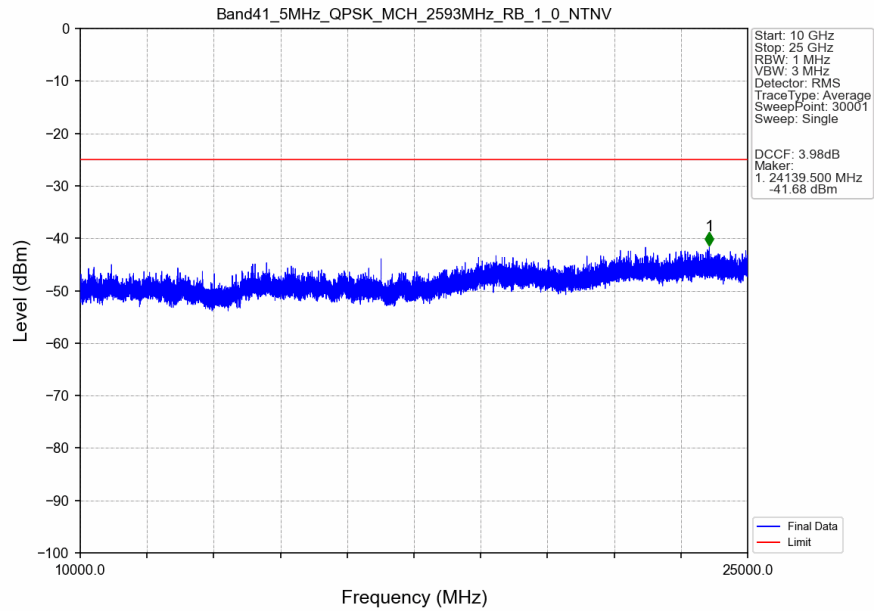


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-30.20	-25	Pass
2490.5	2495	1	CHP	2	2493.390	-25.68	-13	Pass
2495	2496	0.051	CHP	3	2495.987	-31.65	-13	Pass
2496	2501	0.051	CHP	/	/	/	/	/

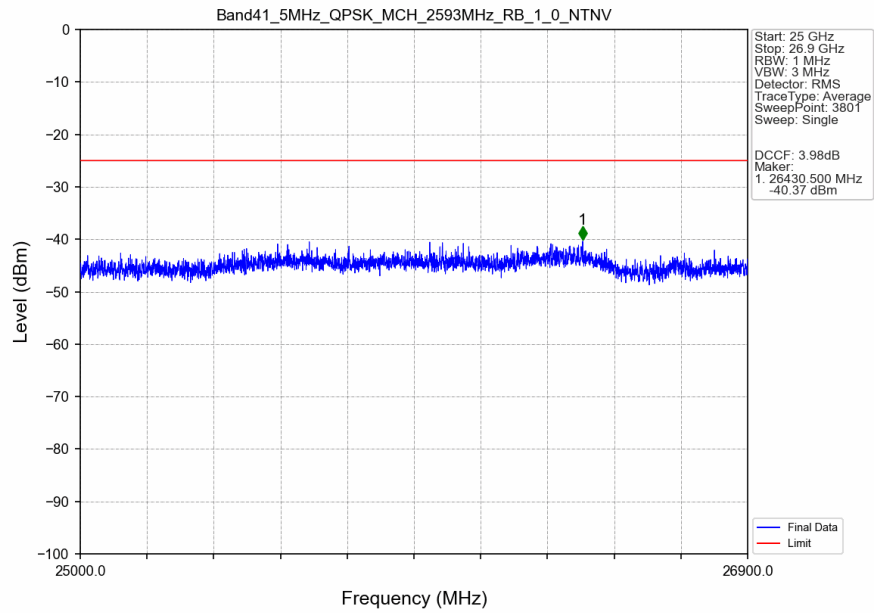
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



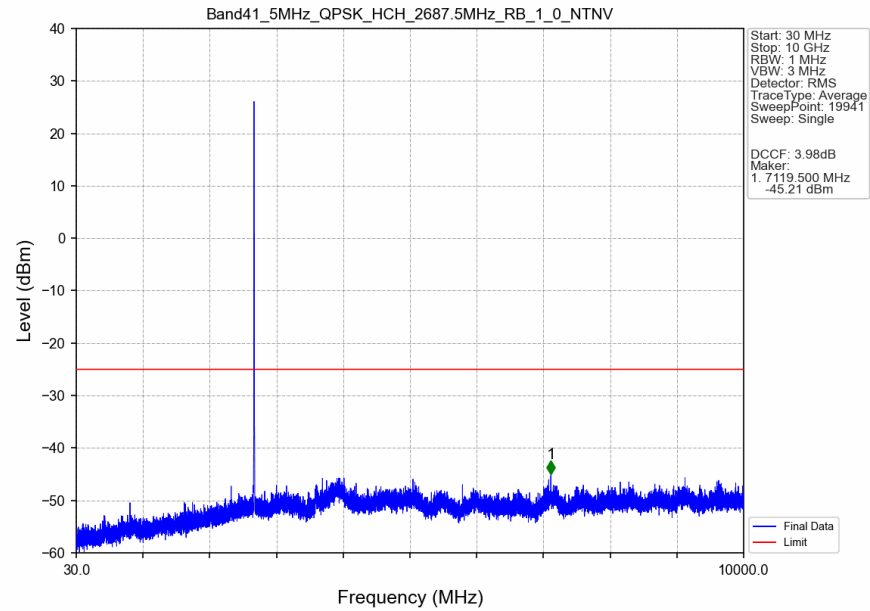
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



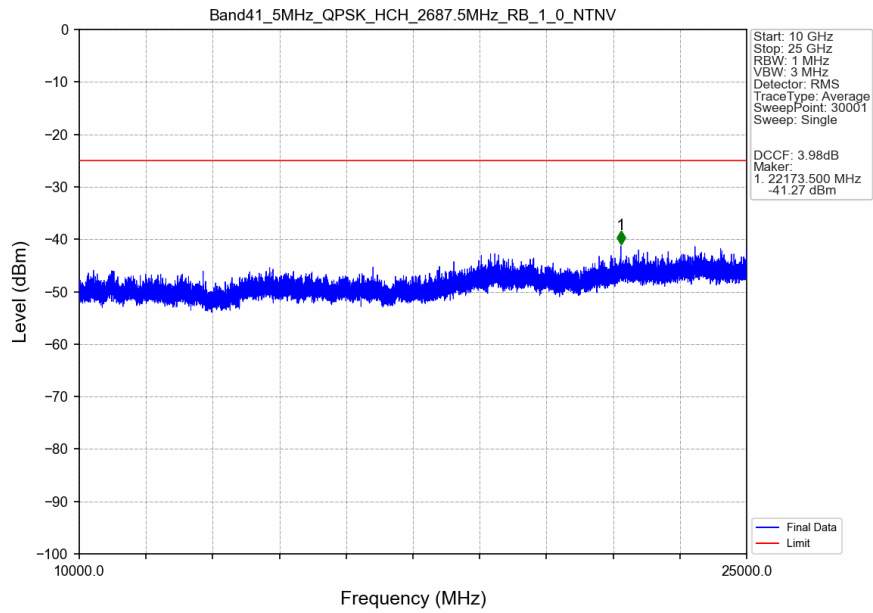
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



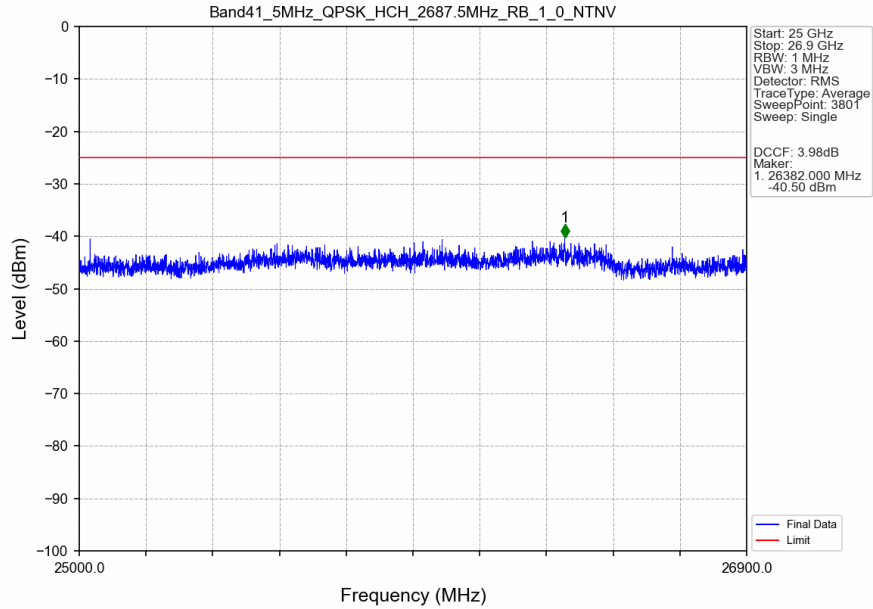
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



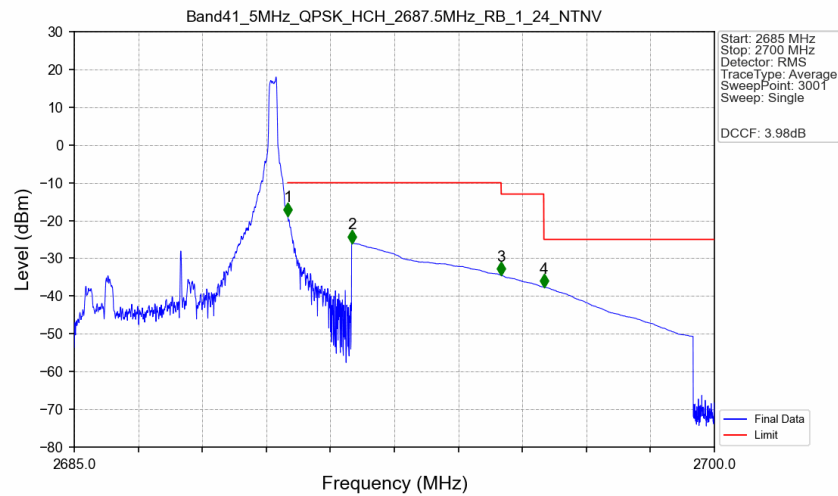
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



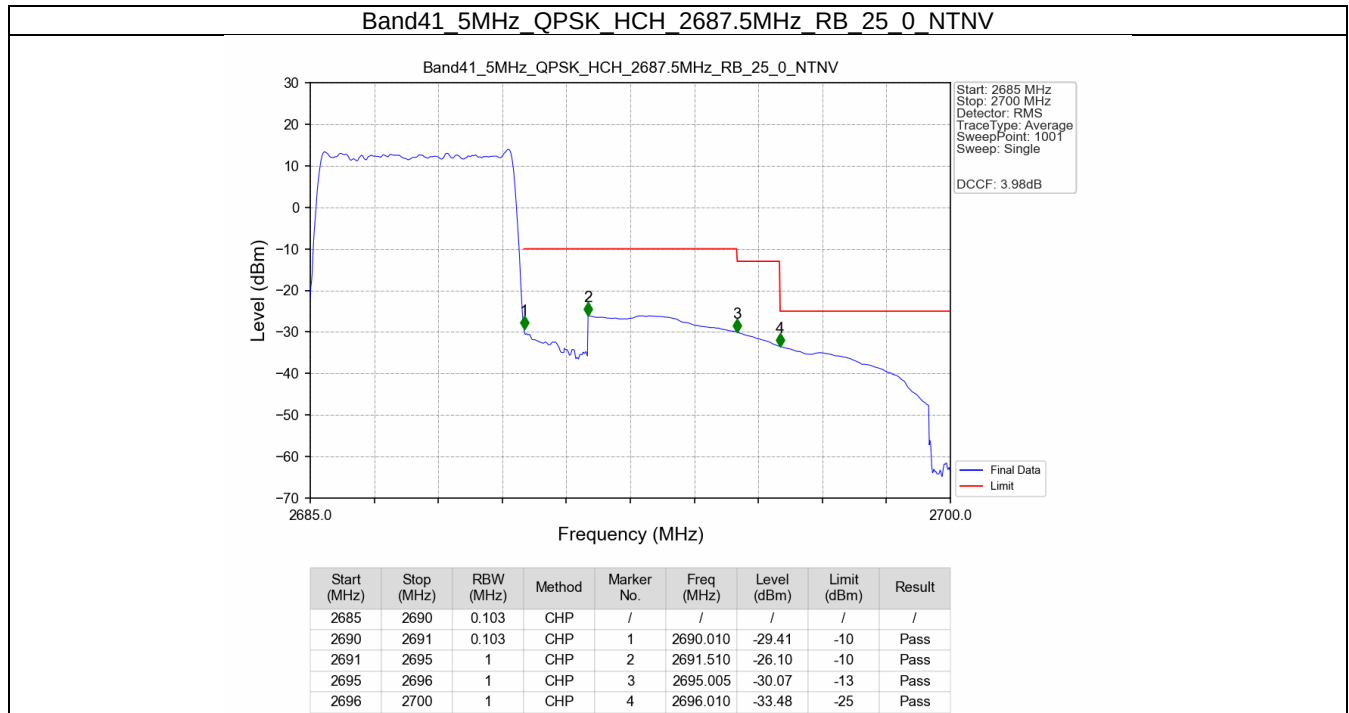
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV

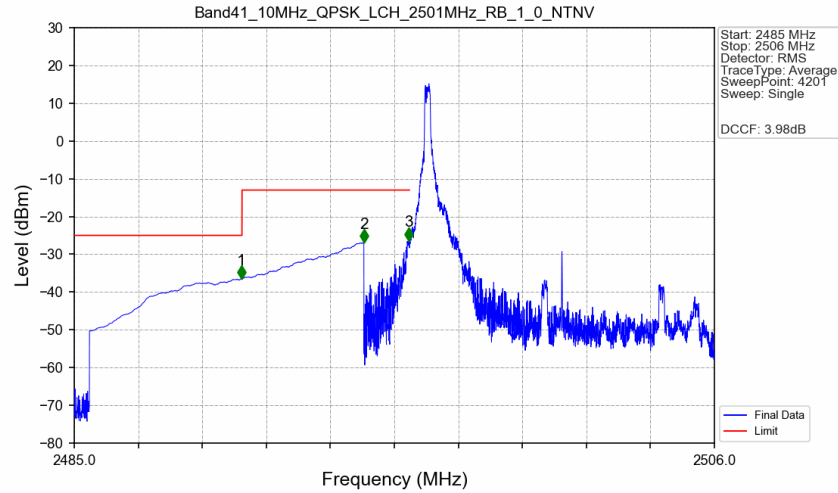


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-18.73	-10	Pass
2691	2695	1	CHP	2	2691.510	-25.94	-10	Pass
2695	2696	1	CHP	3	2695.005	-34.51	-13	Pass
2696	2700	1	CHP	4	2696.005	-37.64	-25	Pass



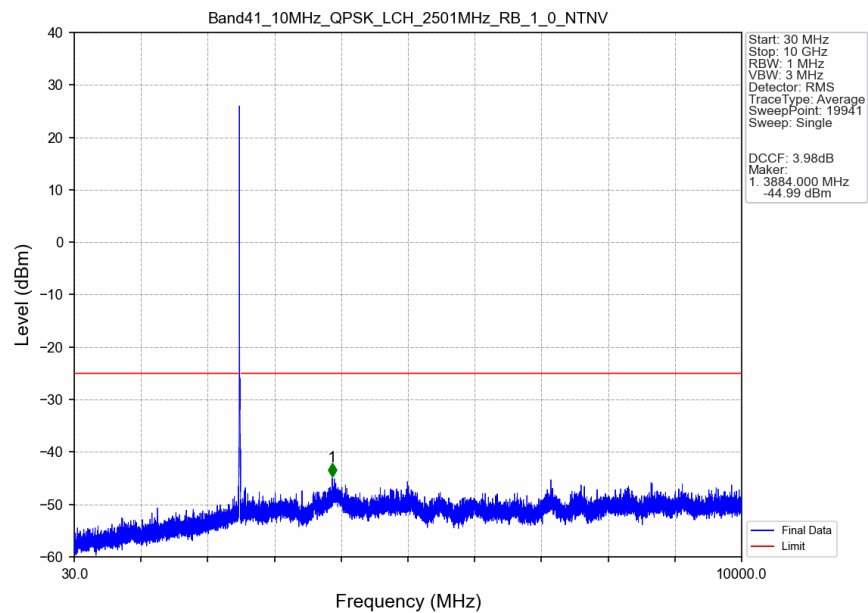
5.2.2 B41_10MHz

Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

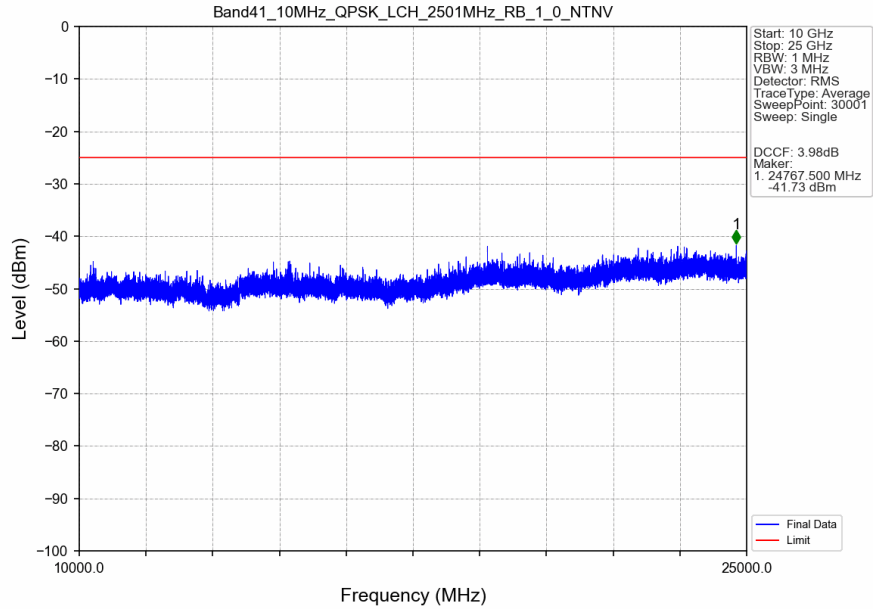


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.480	-36.51	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-26.89	-13	Pass
2495	2496	0.01	/	3	2495.980	-26.34	-13	Pass
2496	2506	0.01	/	/	/	/	/	/

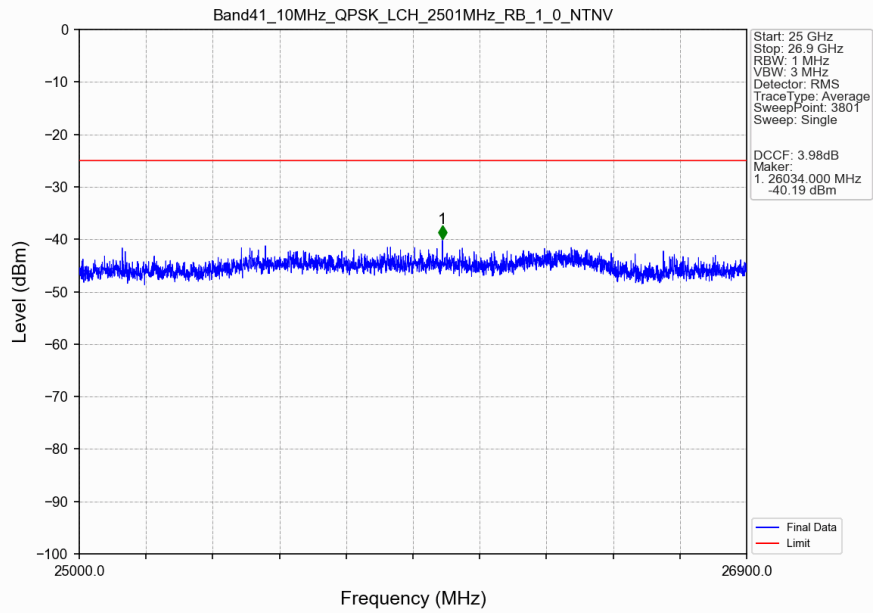
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



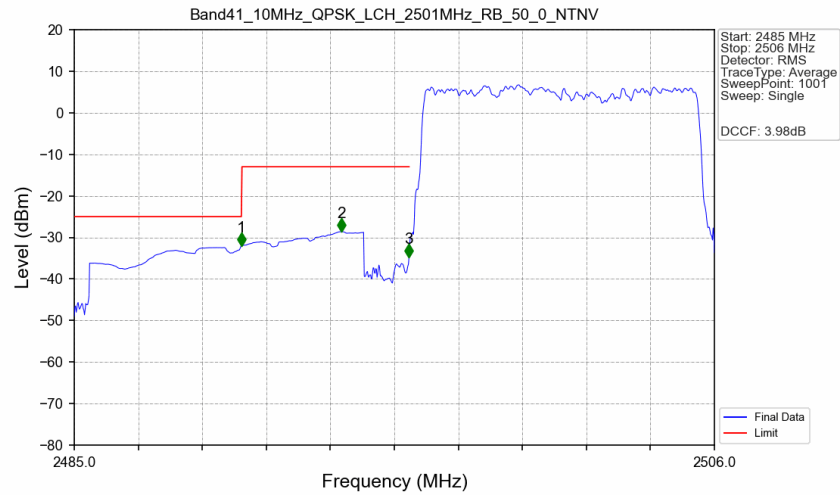
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

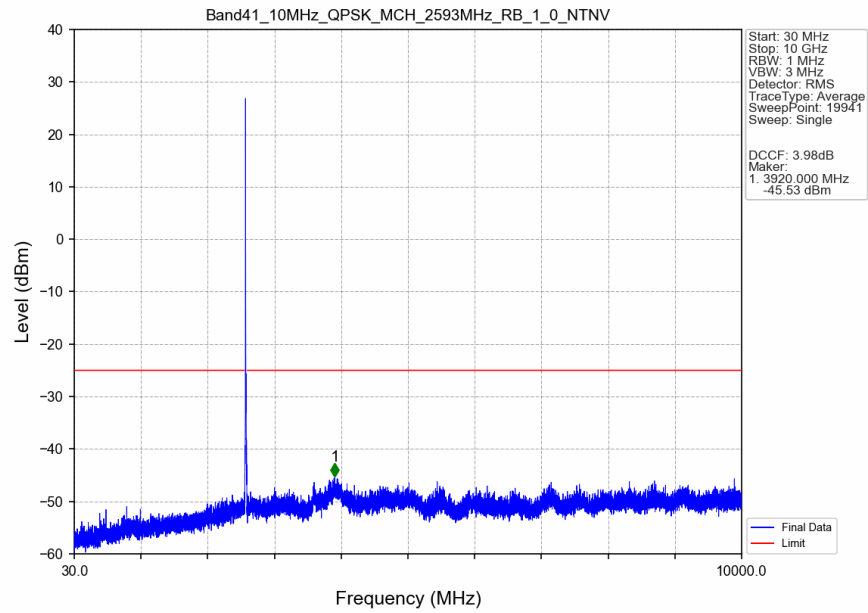


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

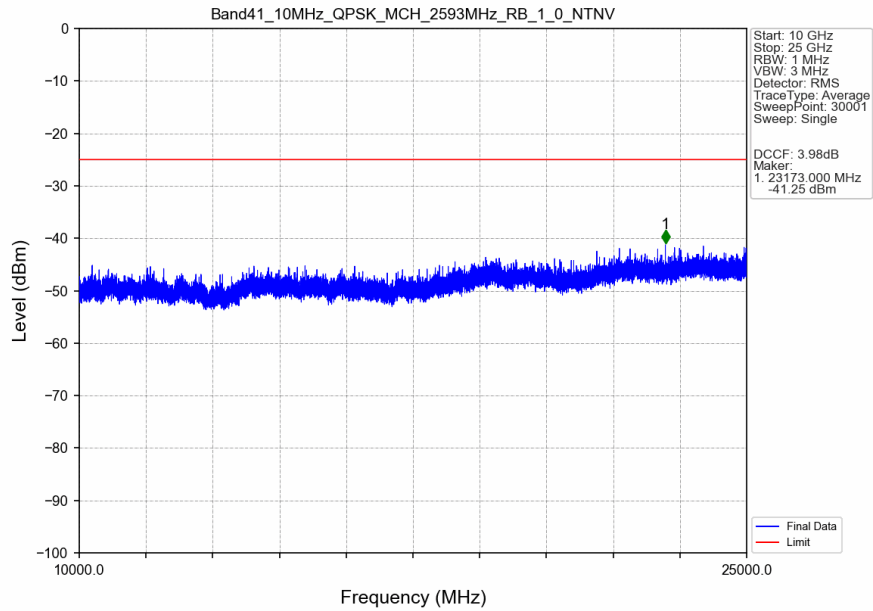


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.481	-32.10	-25	Pass
2490.5	2495	1	CHP	2	2493.757	-28.61	-13	Pass
2495	2496	0.101	CHP	3	2495.983	-34.73	-13	Pass
2496	2506	0.101	CHP	/	/	/	/	/

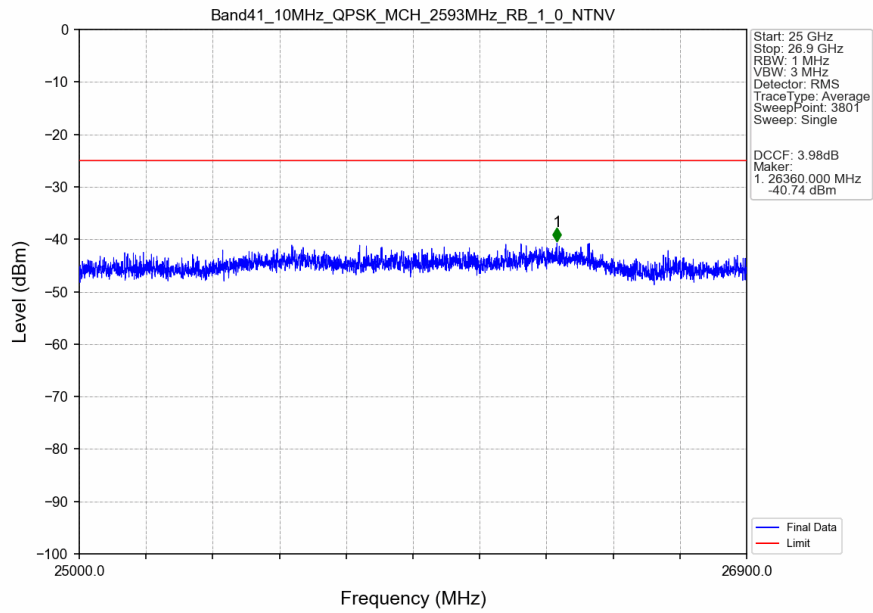
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



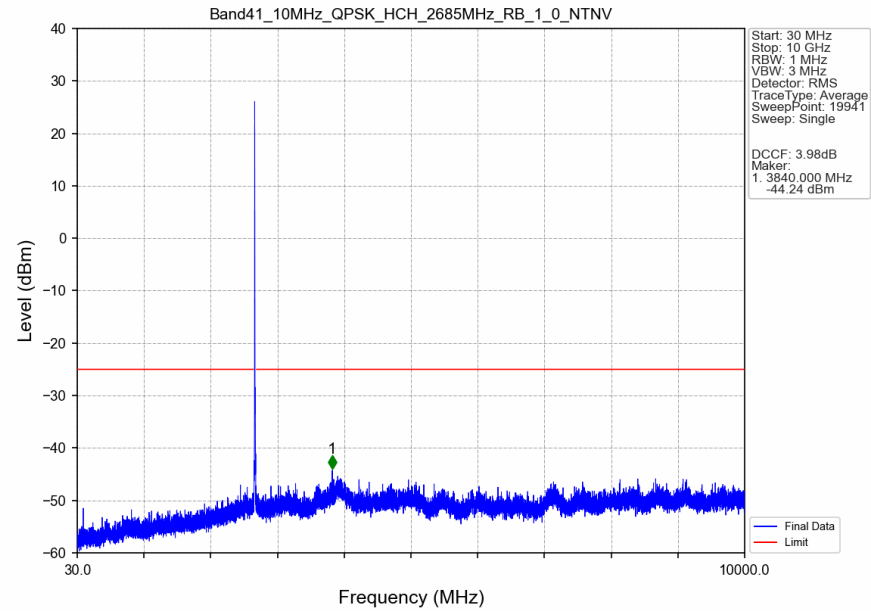
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



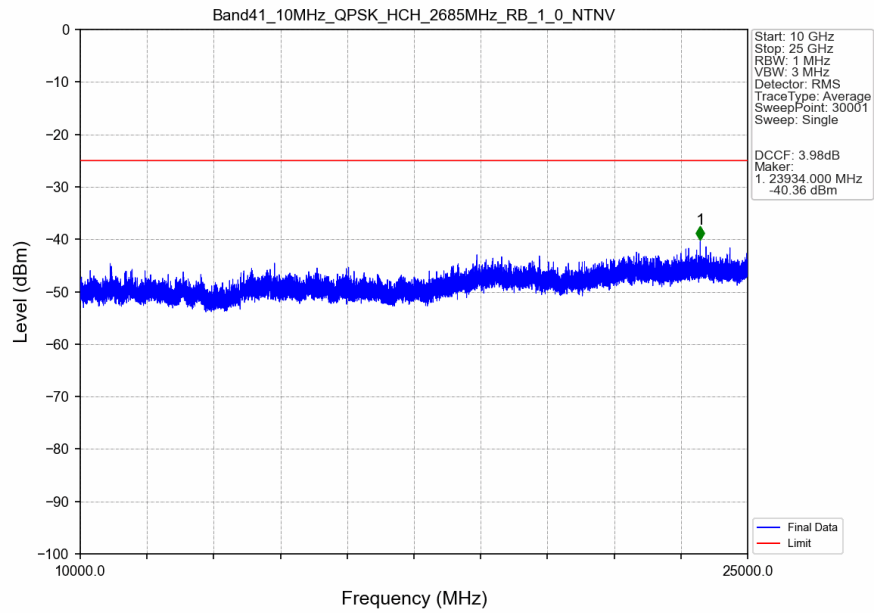
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



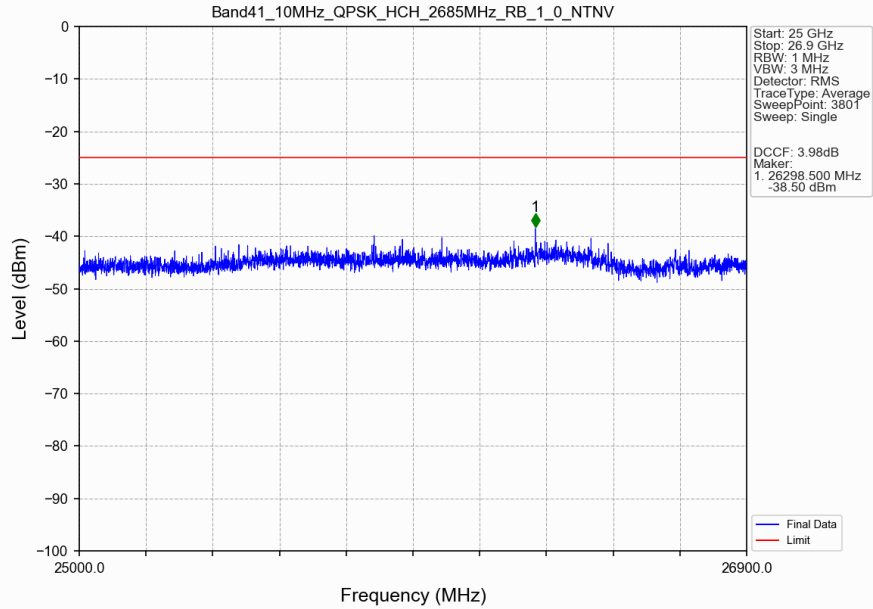
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



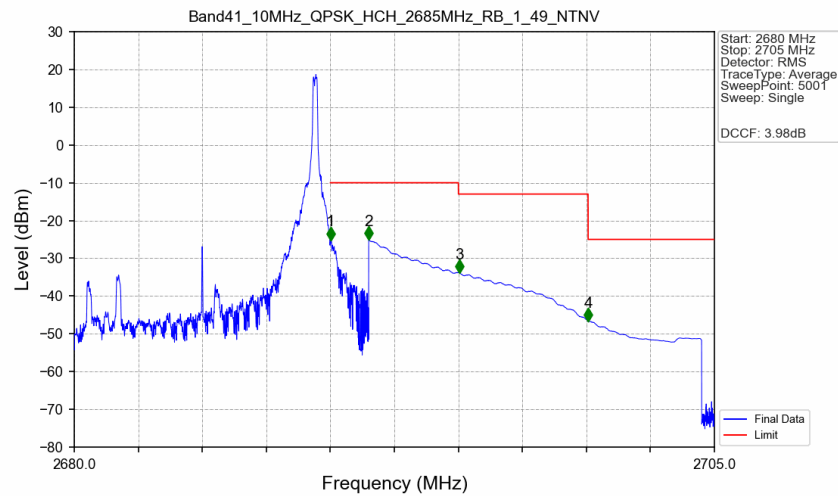
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

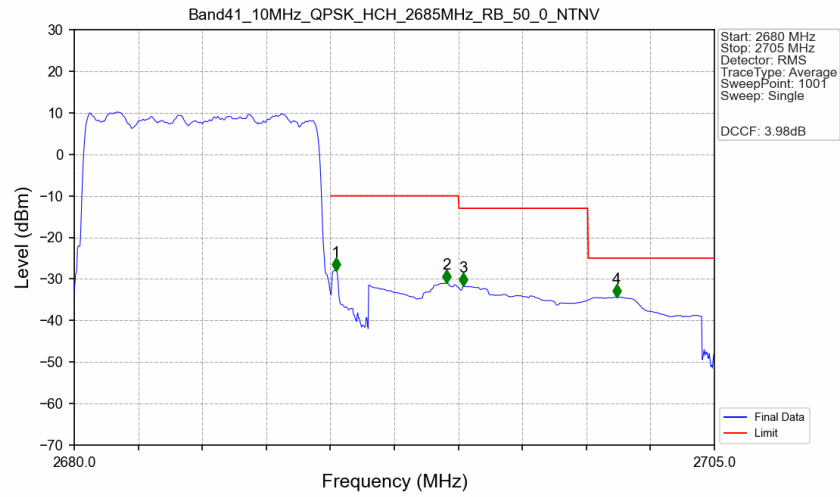


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



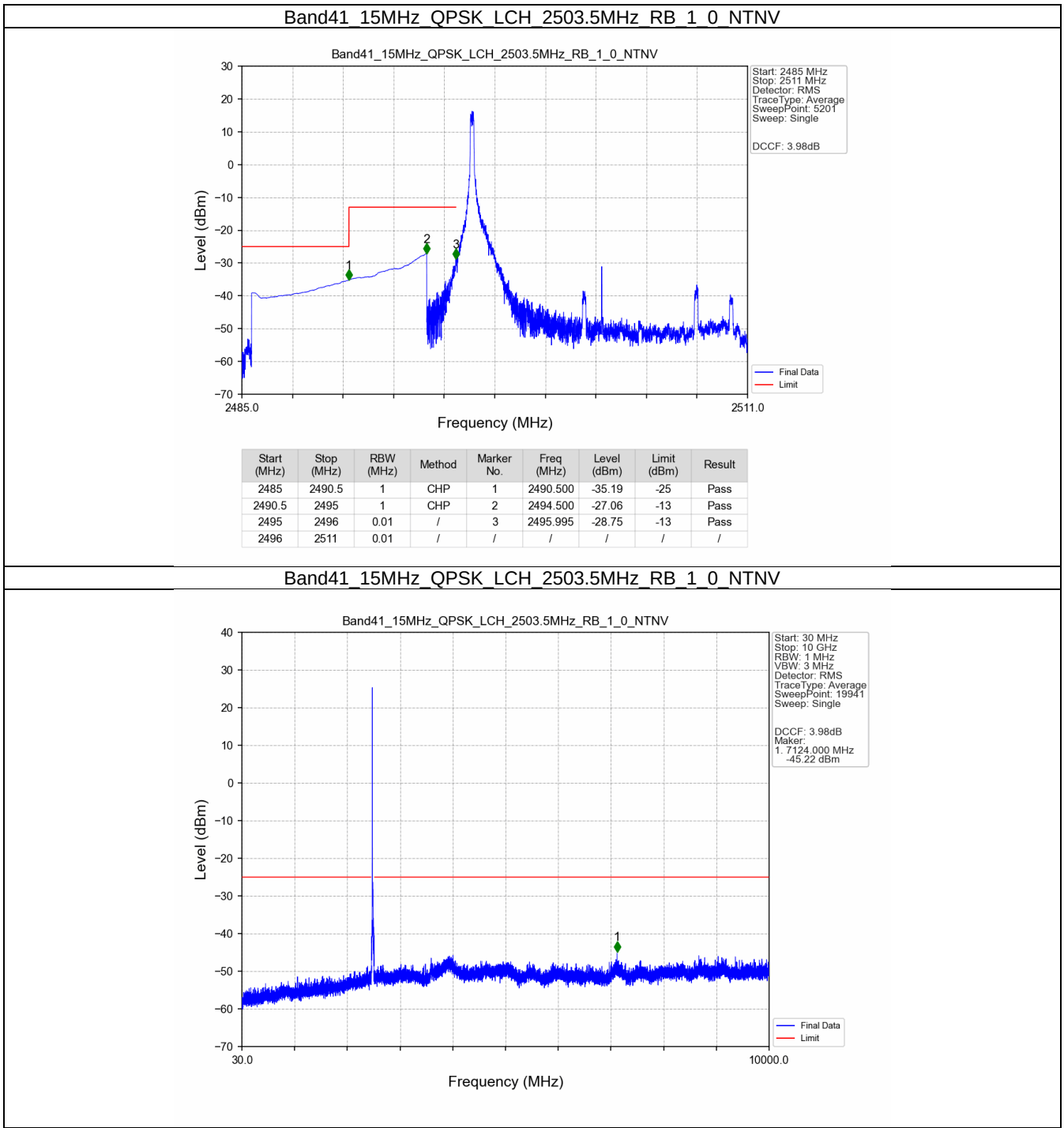
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.010	-25.14	-10	Pass
2691	2695	1	CHP	2	2691.500	-24.96	-10	Pass
2695	2700.065	1	CHP	3	2695.030	-33.77	-13	Pass
2700.065	2705	1	CHP	4	2700.070	-46.68	-25	Pass

Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV

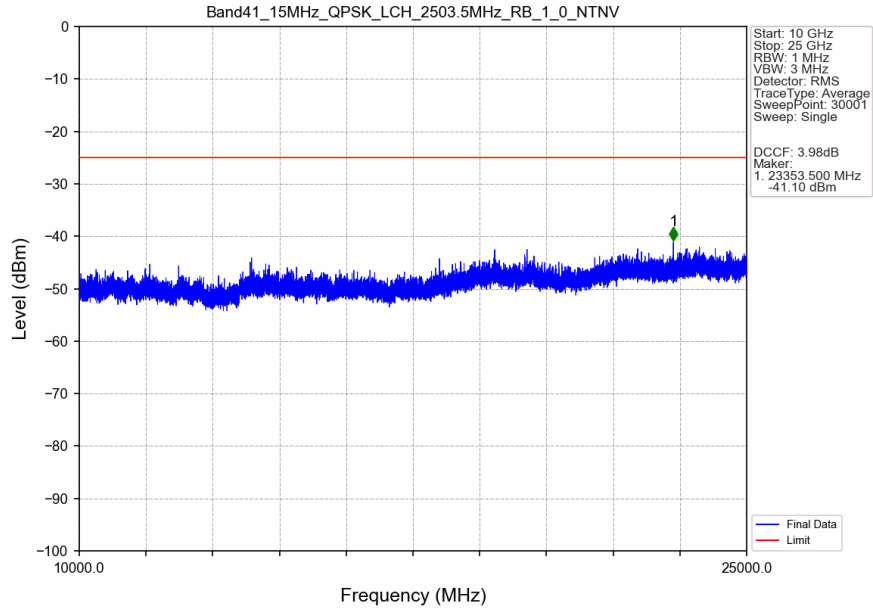


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.201	CHP	/	/	/	/	/
2690	2691	0.201	CHP	1	2690.225	-27.98	-10	Pass
2691	2695	1	CHP	2	2694.550	-31.03	-10	Pass
2695	2700.065	1	CHP	3	2695.200	-31.72	-13	Pass
2700.065	2705	1	CHP	4	2701.175	-34.36	-25	Pass

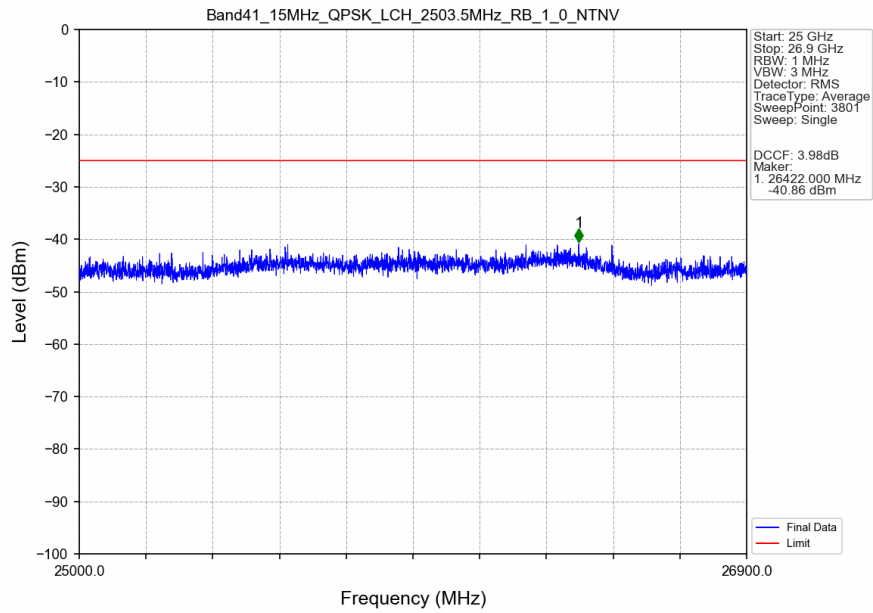
5.2.3 B41_15MHz



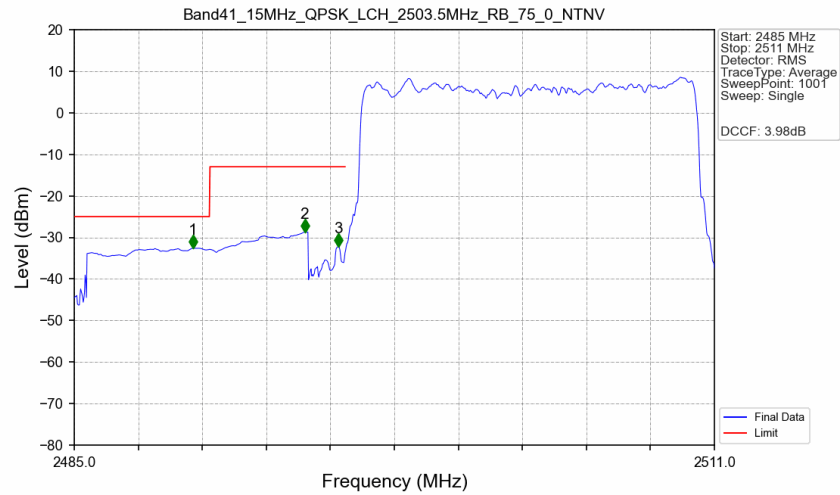
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

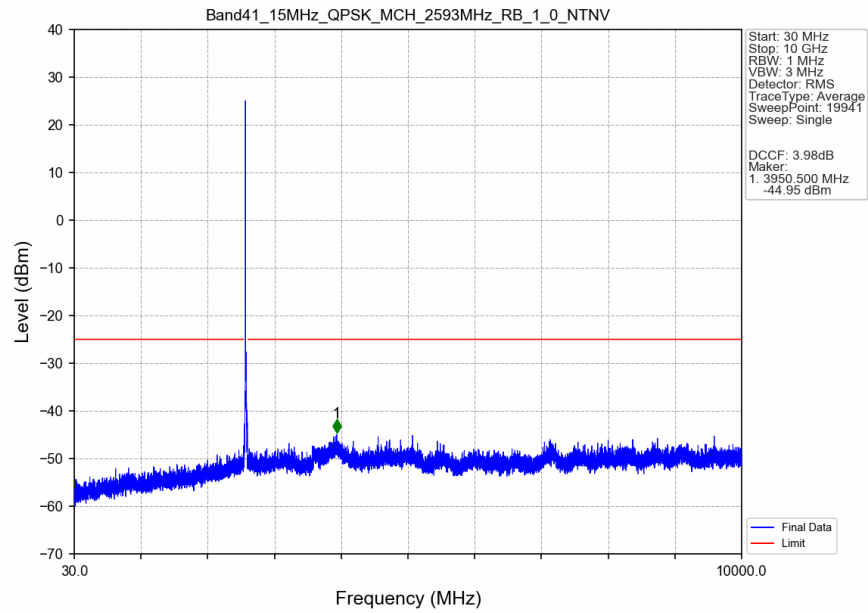


Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV

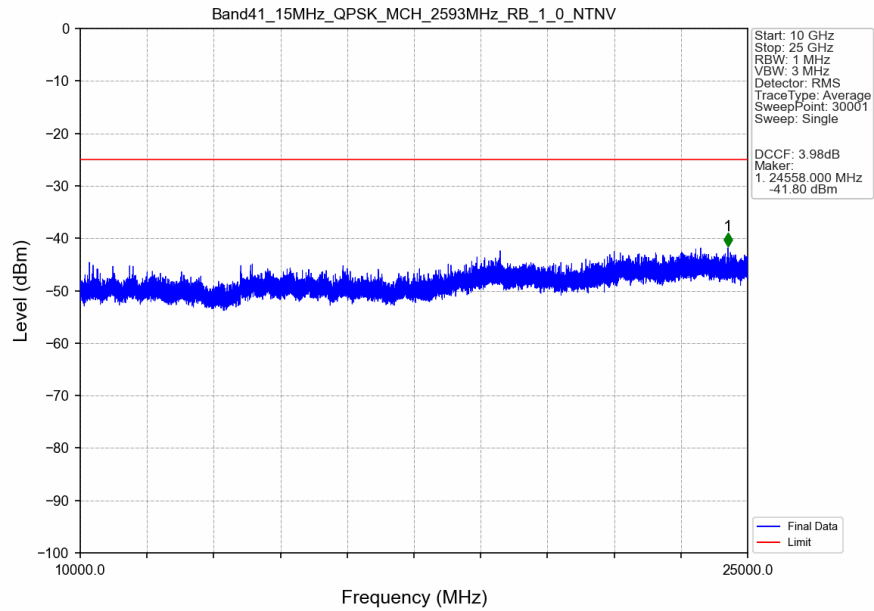


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.810	-32.61	-25	Pass
2490.5	2495	1	CHP	2	2494.360	-28.70	-13	Pass
2495	2496	0.166	CHP	3	2495.738	-32.20	-13	Pass
2496	2511	0.166	CHP	/	/	/	/	/

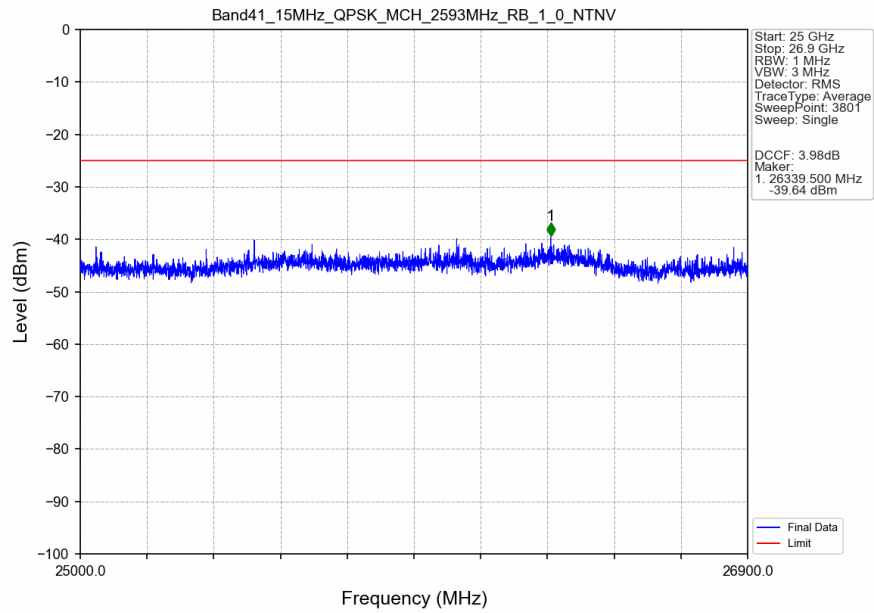
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



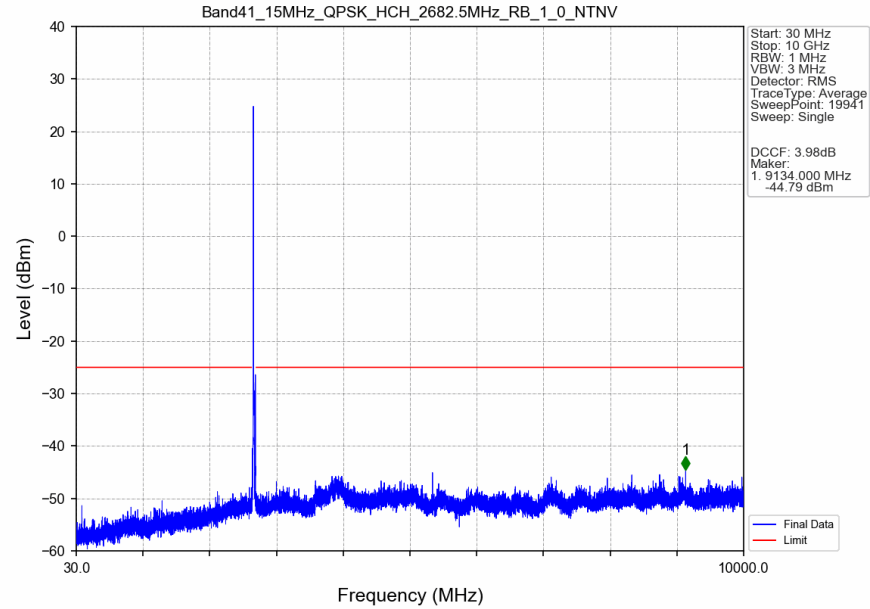
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



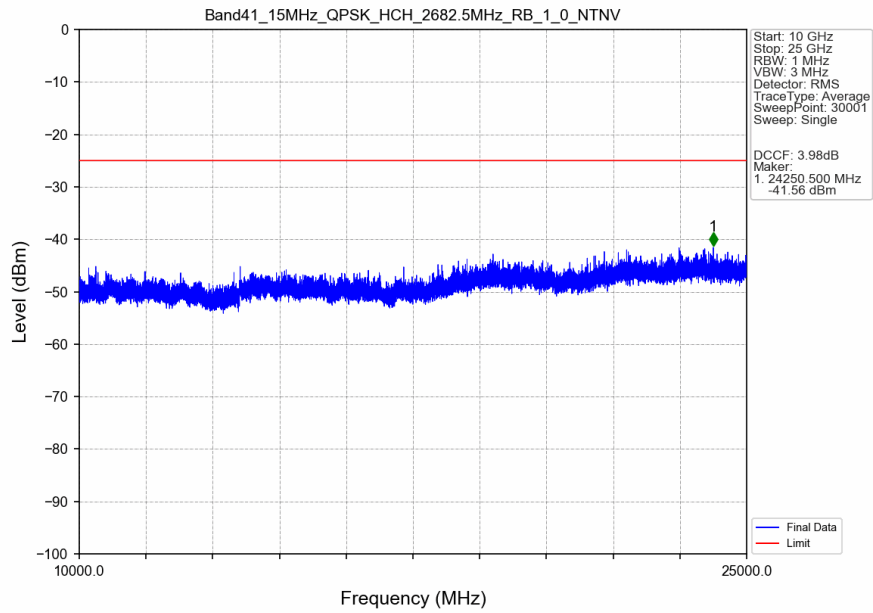
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



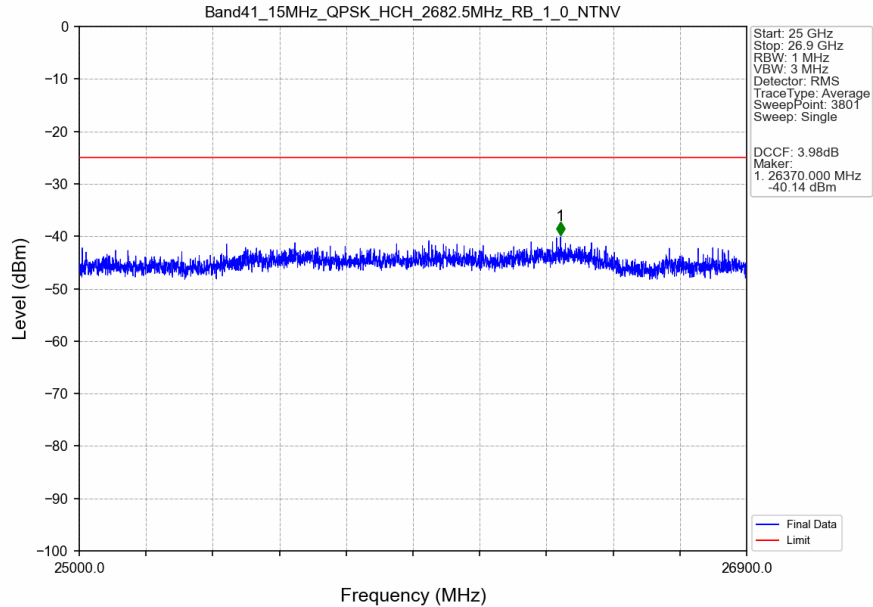
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



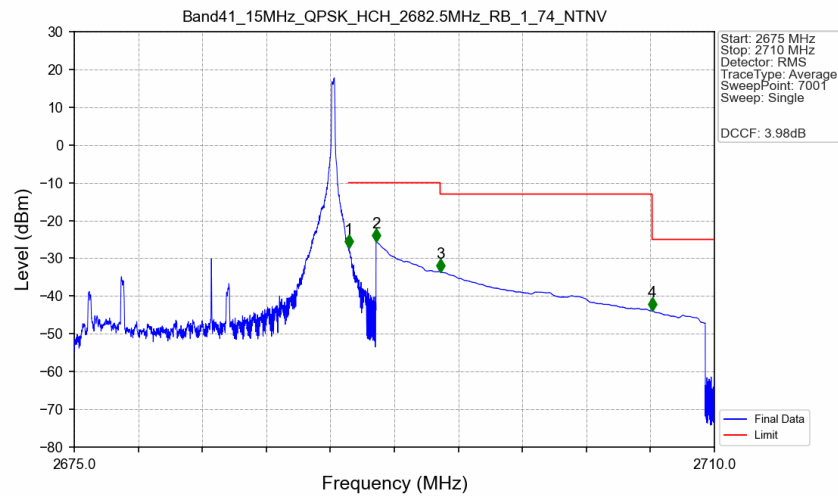
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV

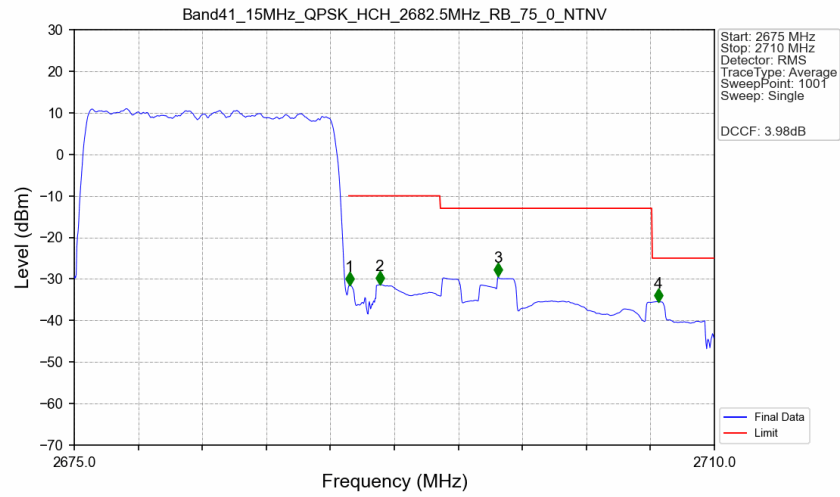


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



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	2690.015	-27.21	-10	Pass
2691	2695	1	CHP	2	2691.505	-25.57	-10	Pass
2695	2706.594	1	CHP	3	2695.005	-33.59	-13	Pass
2706.594	2710	1	CHP	4	2706.610	-43.93	-25	Pass

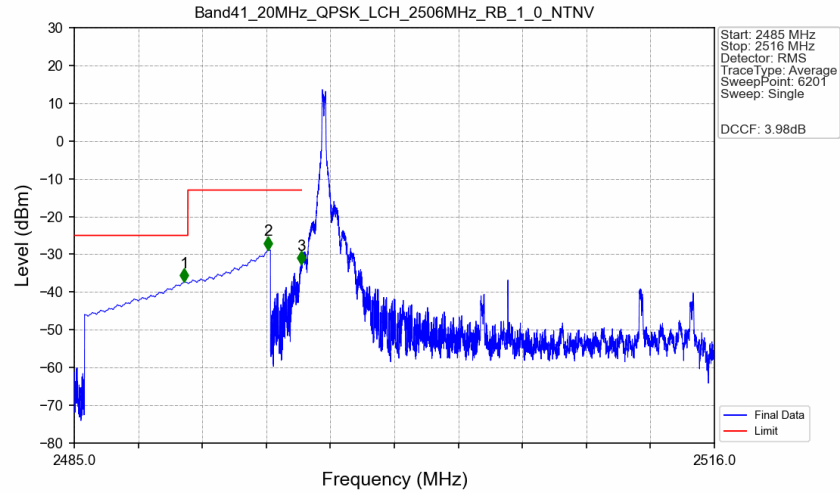
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.332	CHP	/	/	/	/	/
2690	2691	0.332	CHP	1	2690.050	-31.49	-10	Pass
2691	2695	1	CHP	2	2691.695	-31.38	-10	Pass
2695	2706.594	1	CHP	3	2698.170	-29.41	-13	Pass
2706.594	2710	1	CHP	4	2706.920	-35.46	-25	Pass

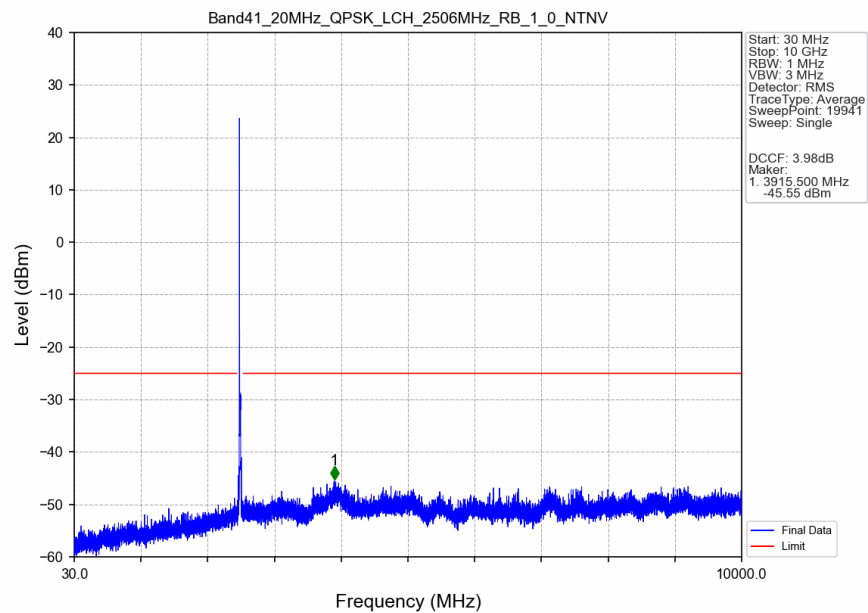
5.2.4 B41_20MHz

Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

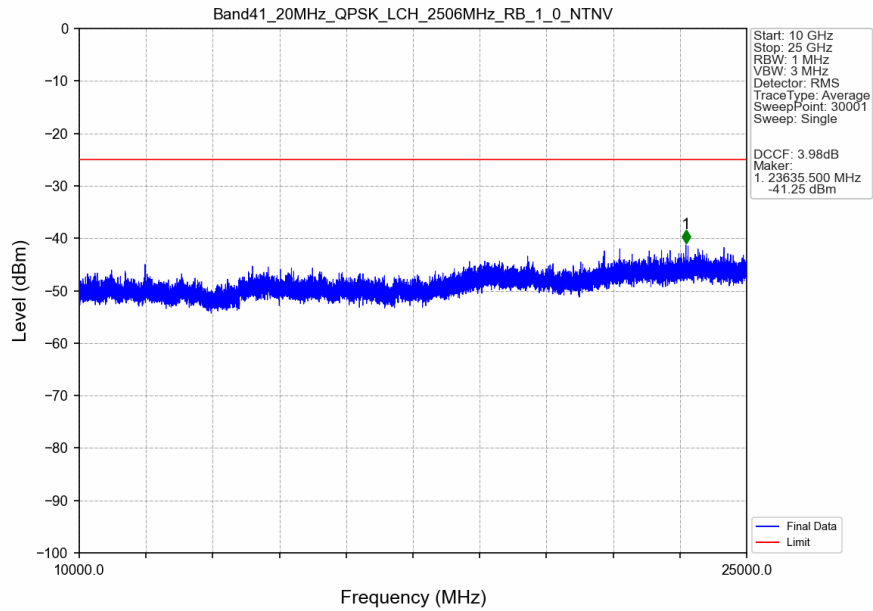


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.320	-37.21	-25	Pass
2490.5	2495	1	CHP	2	2494.390	-28.75	-13	Pass
2495	2496	0.01	/	3	2495.975	-32.63	-13	Pass
2496	2516	0.01	/	/	/	/	/	/

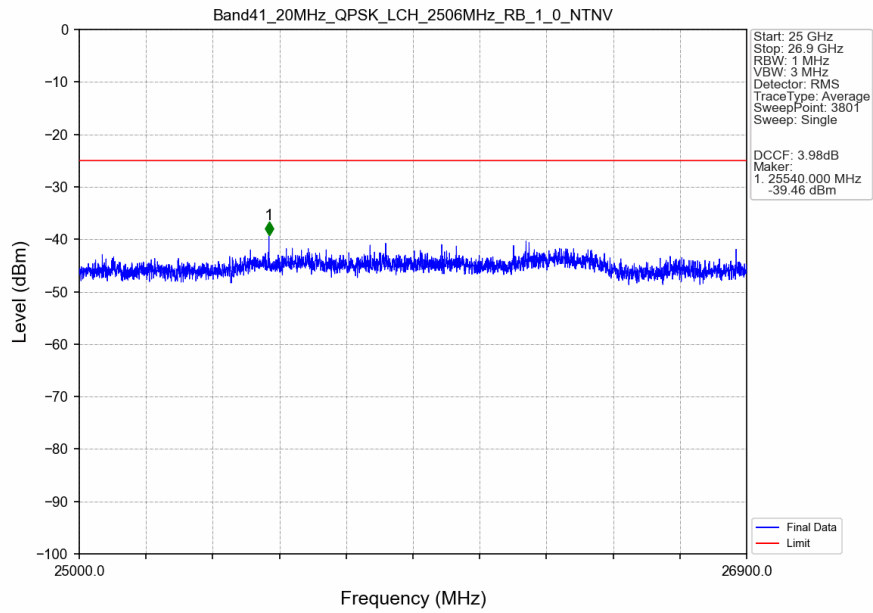
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



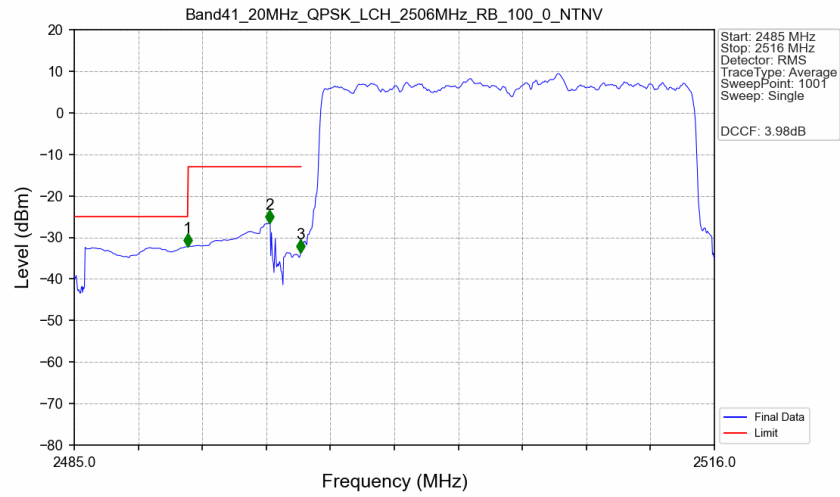
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

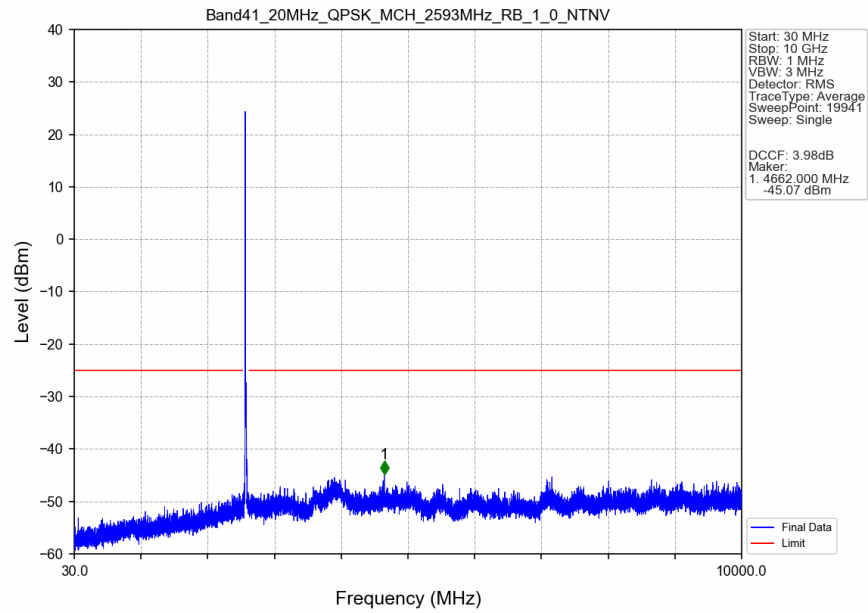


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

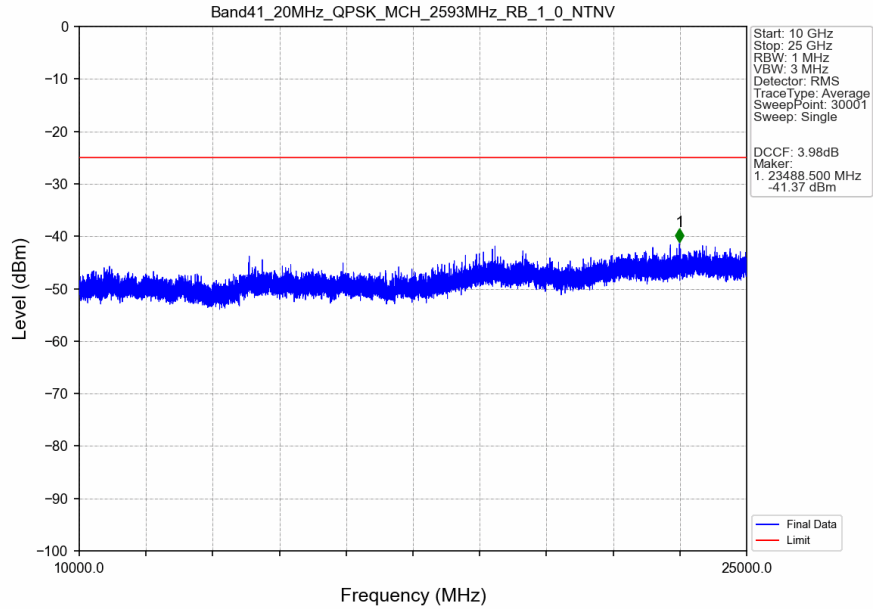


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.487	-32.22	-25	Pass
2490.5	2495	1	CHP	2	2494.455	-26.60	-13	Pass
2495	2496	0.234	CHP	3	2495.974	-33.61	-13	Pass
2496	2516	0.234	CHP	/	/	/	/	/

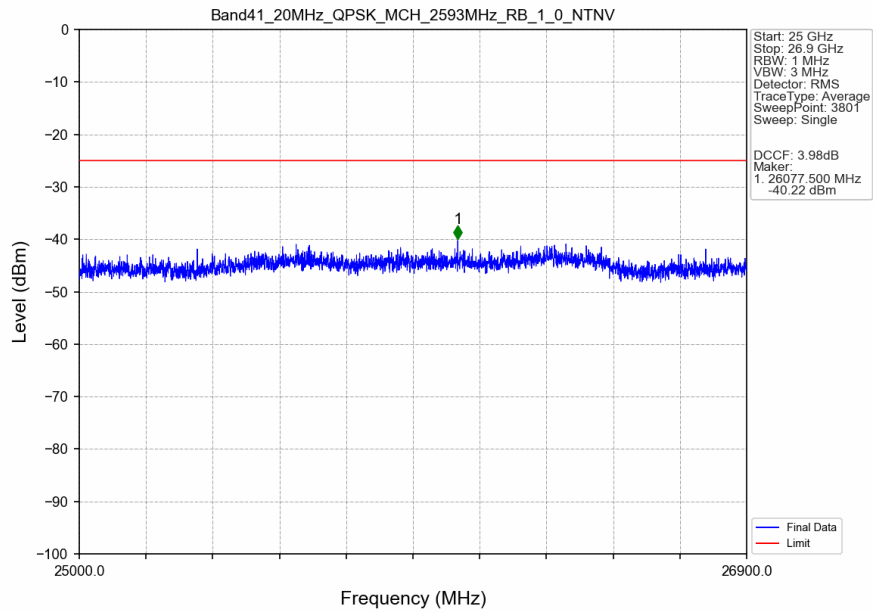
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



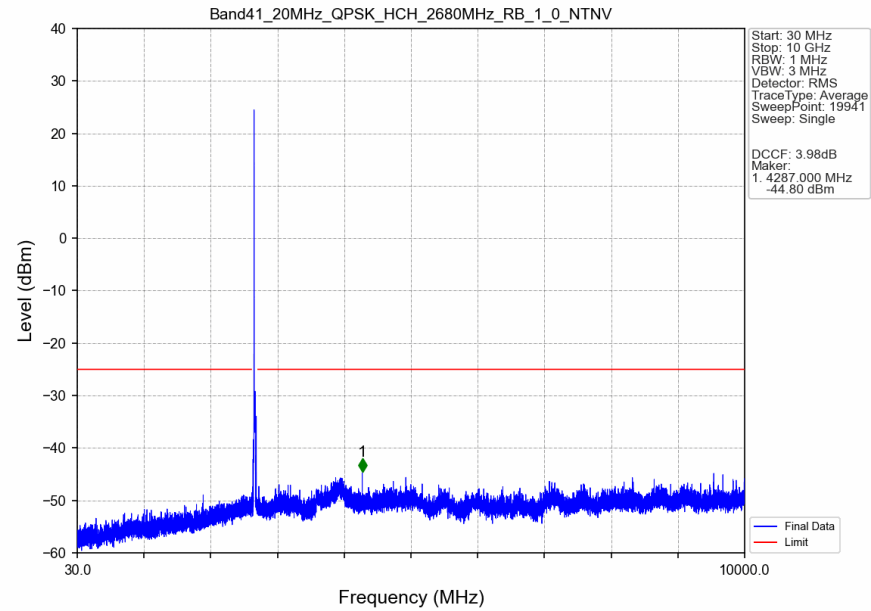
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



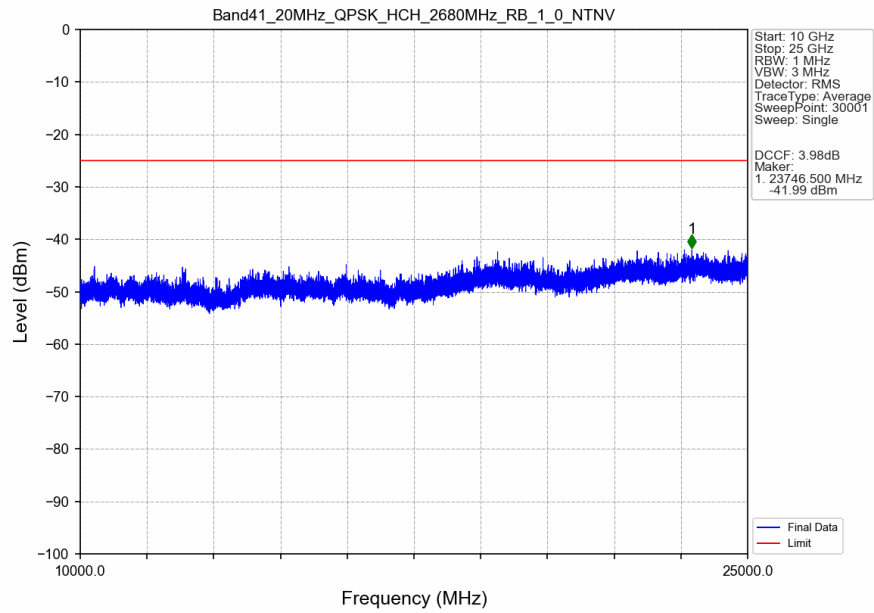
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



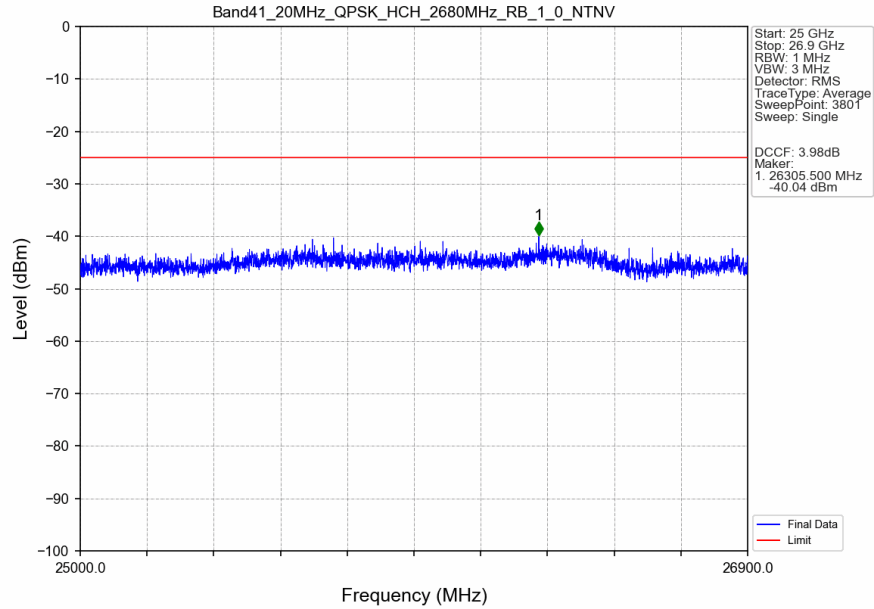
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



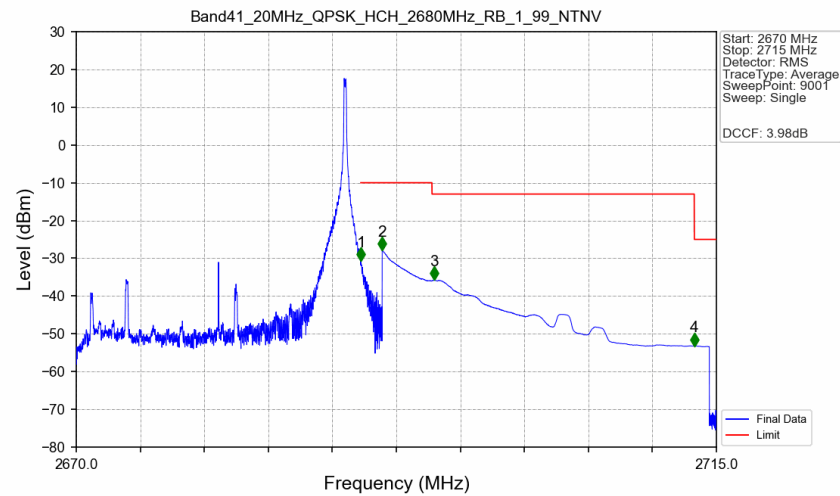
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



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	2690.015	-30.67	-10	Pass
2691	2695	1	CHP	2	2691.500	-27.80	-10	Pass
2695	2713.44	1	CHP	3	2695.150	-35.75	-13	Pass
2713.44	2715	1	CHP	4	2713.445	-53.19	-25	Pass

