

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	22.94	3.00	25.94	<=33.01	Pass
			13	24.81	3.00	27.81	<=33.01	Pass
			24	25.02	3.00	28.02	<=33.01	Pass
		12	0	21.94	3.00	24.94	<=33.01	Pass
			6	22.00	3.00	25.00	<=33.01	Pass
			13	24.96	3.00	27.96	<=33.01	Pass
		25	0	21.94	3.00	24.94	<=33.01	Pass
	2593	1	0	24.24	3.00	27.24	<=33.01	Pass
			13	24.21	3.00	27.21	<=33.01	Pass
			24	24.07	3.00	27.07	<=33.01	Pass
		12	0	23.31	3.00	26.31	<=33.01	Pass
			6	23.38	3.00	26.38	<=33.01	Pass
			13	23.31	3.00	26.31	<=33.01	Pass
		25	0	23.36	3.00	26.36	<=33.01	Pass
	2687.5	1	0	24.28	3.00	27.28	<=33.01	Pass
			13	24.37	3.00	27.37	<=33.01	Pass
			24	24.32	3.00	27.32	<=33.01	Pass
		12	0	23.34	3.00	26.34	<=33.01	Pass
			6	23.44	3.00	26.44	<=33.01	Pass
			13	23.46	3.00	26.46	<=33.01	Pass
		25	0	23.39	3.00	26.39	<=33.01	Pass
16QAM	2498.5	1	0	22.01	3.00	25.01	<=33.01	Pass
			13	25.05	3.00	28.05	<=33.01	Pass
			24	24.77	3.00	27.77	<=33.01	Pass
		12	0	20.99	3.00	23.99	<=33.01	Pass
			6	21.00	3.00	24.00	<=33.01	Pass
			13	23.96	3.00	26.96	<=33.01	Pass
		25	0	20.92	3.00	23.92	<=33.01	Pass
	2593	1	0	23.25	3.00	26.25	<=33.01	Pass
			13	23.28	3.00	26.28	<=33.01	Pass
			24	23.39	3.00	26.39	<=33.01	Pass
		12	0	22.13	3.00	25.13	<=33.01	Pass
			6	22.29	3.00	25.29	<=33.01	Pass
			13	22.30	3.00	25.30	<=33.01	Pass
		25	0	22.35	3.00	25.35	<=33.01	Pass
	2687.5	1	0	23.57	3.00	26.57	<=33.01	Pass
			13	23.73	3.00	26.73	<=33.01	Pass
			24	23.60	3.00	26.60	<=33.01	Pass
		12	0	22.30	3.00	25.30	<=33.01	Pass
			6	22.39	3.00	25.39	<=33.01	Pass
			13	22.55	3.00	25.55	<=33.01	Pass
		25	0	22.34	3.00	25.34	<=33.01	Pass
64QAM	2498.5	1	0	21.94	3.00	24.94	<=33.01	Pass
			13	24.87	3.00	27.87	<=33.01	Pass
			24	24.73	3.00	27.73	<=33.01	Pass
		12	0	20.99	3.00	23.99	<=33.01	Pass

			6	20.96	3.00	23.96	<=33.01	Pass
			13	23.90	3.00	26.90	<=33.01	Pass
	2593	25	0	20.95	3.00	23.95	<=33.01	Pass
			0	23.25	3.00	26.25	<=33.01	Pass
			13	23.44	3.00	26.44	<=33.01	Pass
		1	24	23.14	3.00	26.14	<=33.01	Pass
			0	22.17	3.00	25.17	<=33.01	Pass
			6	22.34	3.00	25.34	<=33.01	Pass
		12	13	22.18	3.00	25.18	<=33.01	Pass
			0	22.27	3.00	25.27	<=33.01	Pass
			25	22.27	3.00	25.27	<=33.01	Pass
	2687.5	1	0	23.16	3.00	26.16	<=33.01	Pass
			13	23.48	3.00	26.48	<=33.01	Pass
			24	23.56	3.00	26.56	<=33.01	Pass
		12	0	22.34	3.00	25.34	<=33.01	Pass
			6	22.30	3.00	25.30	<=33.01	Pass
			13	22.42	3.00	25.42	<=33.01	Pass
		25	0	22.38	3.00	25.38	<=33.01	Pass
			0	18.09	3.00	21.09	<=33.01	Pass
	256QAM	2498.5	13	20.84	3.00	23.84	<=33.01	Pass
			24	20.93	3.00	23.93	<=33.01	Pass
			0	18.01	3.00	21.01	<=33.01	Pass
		12	6	18.01	3.00	21.01	<=33.01	Pass
			13	20.90	3.00	23.90	<=33.01	Pass
			0	18.04	3.00	21.04	<=33.01	Pass
		2593	0	19.48	3.00	22.48	<=33.01	Pass
			13	19.61	3.00	22.61	<=33.01	Pass
			24	19.31	3.00	22.31	<=33.01	Pass
		12	0	19.37	3.00	22.37	<=33.01	Pass
			6	19.46	3.00	22.46	<=33.01	Pass
			13	19.38	3.00	22.38	<=33.01	Pass
	2687.5	25	0	19.40	3.00	22.40	<=33.01	Pass
			0	19.18	3.00	22.18	<=33.01	Pass
			13	19.53	3.00	22.53	<=33.01	Pass
		1	24	19.59	3.00	22.59	<=33.01	Pass
			0	19.35	3.00	22.35	<=33.01	Pass
			6	19.46	3.00	22.46	<=33.01	Pass
		12	13	19.51	3.00	22.51	<=33.01	Pass
			0	19.37	3.00	22.37	<=33.01	Pass
			25	19.37	3.00	22.37	<=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	20.94	3.00	23.94	<=33.01	Pass
			25	24.86	3.00	27.86	<=33.01	Pass
			49	24.80	3.00	27.80	<=33.01	Pass
		25	0	21.92	3.00	24.92	<=33.01	Pass
			13	24.95	3.00	27.95	<=33.01	Pass
			25	23.90	3.00	26.90	<=33.01	Pass
		50	0	21.90	3.00	24.90	<=33.01	Pass
	2593	1	0	24.33	3.00	27.33	<=33.01	Pass
			25	24.21	3.00	27.21	<=33.01	Pass

			49	23.98	3.00	26.98	<=33.01	Pass
			0	23.31	3.00	26.31	<=33.01	Pass
			13	23.33	3.00	26.33	<=33.01	Pass
			25	23.18	3.00	26.18	<=33.01	Pass
		50	0	23.31	3.00	26.31	<=33.01	Pass
		1	0	24.15	3.00	27.15	<=33.01	Pass
			25	24.30	3.00	27.30	<=33.01	Pass
			49	24.34	3.00	27.34	<=33.01	Pass
			0	23.31	3.00	26.31	<=33.01	Pass
		25	13	23.46	3.00	26.46	<=33.01	Pass
			25	23.46	3.00	26.46	<=33.01	Pass
			0	23.37	3.00	26.37	<=33.01	Pass
16QAM	2501	1	0	20.04	3.00	23.04	<=33.01	Pass
			25	24.66	3.00	27.66	<=33.01	Pass
			49	24.68	3.00	27.68	<=33.01	Pass
		25	0	20.97	3.00	23.97	<=33.01	Pass
			13	23.93	3.00	26.93	<=33.01	Pass
			25	22.94	3.00	25.94	<=33.01	Pass
		50	0	20.89	3.00	23.89	<=33.01	Pass
	2593	1	0	23.46	3.00	26.46	<=33.01	Pass
			25	23.31	3.00	26.31	<=33.01	Pass
			49	22.92	3.00	25.92	<=33.01	Pass
		25	0	22.03	3.00	25.03	<=33.01	Pass
			13	22.36	3.00	25.36	<=33.01	Pass
			25	22.19	3.00	25.19	<=33.01	Pass
		50	0	22.28	3.00	25.28	<=33.01	Pass
	2685	1	0	23.29	3.00	26.29	<=33.01	Pass
			25	23.36	3.00	26.36	<=33.01	Pass
			49	23.63	3.00	26.63	<=33.01	Pass
		25	0	22.30	3.00	25.30	<=33.01	Pass
			13	22.45	3.00	25.45	<=33.01	Pass
			25	22.46	3.00	25.46	<=33.01	Pass
		50	0	22.45	3.00	25.45	<=33.01	Pass
64QAM	2501	1	0	19.77	3.00	22.77	<=33.01	Pass
			25	24.59	3.00	27.59	<=33.01	Pass
			49	24.30	3.00	27.30	<=33.01	Pass
		25	0	20.92	3.00	23.92	<=33.01	Pass
			13	23.95	3.00	26.95	<=33.01	Pass
			25	22.89	3.00	25.89	<=33.01	Pass
		50	0	20.91	3.00	23.91	<=33.01	Pass
	2593	1	0	23.38	3.00	26.38	<=33.01	Pass
			25	23.10	3.00	26.10	<=33.01	Pass
			49	23.14	3.00	26.14	<=33.01	Pass
		25	0	22.33	3.00	25.33	<=33.01	Pass
			13	22.30	3.00	25.30	<=33.01	Pass
			25	22.18	3.00	25.18	<=33.01	Pass
		50	0	22.29	3.00	25.29	<=33.01	Pass
	2685	1	0	23.16	3.00	26.16	<=33.01	Pass
			25	23.38	3.00	26.38	<=33.01	Pass
			49	23.33	3.00	26.33	<=33.01	Pass
		25	0	22.30	3.00	25.30	<=33.01	Pass
			13	22.35	3.00	25.35	<=33.01	Pass
			25	22.46	3.00	25.46	<=33.01	Pass
		50	0	22.43	3.00	25.43	<=33.01	Pass
256QAM	2501	1	0	16.06	3.00	19.06	<=33.01	Pass
			25	20.95	3.00	23.95	<=33.01	Pass

			49	20.98	3.00	23.98	<=33.01	Pass
		25	0	17.94	3.00	20.94	<=33.01	Pass
			13	20.97	3.00	23.97	<=33.01	Pass
			25	19.90	3.00	22.90	<=33.01	Pass
		50	0	17.95	3.00	20.95	<=33.01	Pass
	2593	1	0	19.39	3.00	22.39	<=33.01	Pass
			25	19.54	3.00	22.54	<=33.01	Pass
			49	19.04	3.00	22.04	<=33.01	Pass
		25	0	19.36	3.00	22.36	<=33.01	Pass
			13	19.41	3.00	22.41	<=33.01	Pass
			25	19.23	3.00	22.23	<=33.01	Pass
		50	0	19.35	3.00	22.35	<=33.01	Pass
	2685	1	0	19.34	3.00	22.34	<=33.01	Pass
			25	19.60	3.00	22.60	<=33.01	Pass
			49	19.43	3.00	22.43	<=33.01	Pass
		25	0	19.30	3.00	22.30	<=33.01	Pass
			13	19.46	3.00	22.46	<=33.01	Pass
			25	19.43	3.00	22.43	<=33.01	Pass
		50	0	19.42	3.00	22.42	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

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	20.73	3.00	23.73	<=33.01	Pass
			38	25.43	3.00	28.43	<=33.01	Pass
			74	25.53	3.00	28.53	<=33.01	Pass
		36	0	20.75	3.00	23.75	<=33.01	Pass
			18	24.64	3.00	27.64	<=33.01	Pass
			39	21.60	3.00	24.60	<=33.01	Pass
		75	0	20.68	3.00	23.68	<=33.01	Pass
	2593	1	0	24.29	3.00	27.29	<=33.01	Pass
			38	23.97	3.00	26.97	<=33.01	Pass
			74	23.70	3.00	26.70	<=33.01	Pass
		36	0	23.19	3.00	26.19	<=33.01	Pass
			18	23.01	3.00	26.01	<=33.01	Pass
			39	22.95	3.00	25.95	<=33.01	Pass
		75	0	23.14	3.00	26.14	<=33.01	Pass
	2682.5	1	0	24.06	3.00	27.06	<=33.01	Pass
			38	24.12	3.00	27.12	<=33.01	Pass
			74	24.29	3.00	27.29	<=33.01	Pass
		36	0	23.19	3.00	26.19	<=33.01	Pass
			18	23.23	3.00	26.23	<=33.01	Pass
			39	23.40	3.00	26.40	<=33.01	Pass
		75	0	23.35	3.00	26.35	<=33.01	Pass
16QAM	2503.5	1	0	19.79	3.00	22.79	<=33.01	Pass
			38	24.55	3.00	27.55	<=33.01	Pass
			74	24.73	3.00	27.73	<=33.01	Pass
		36	0	19.75	3.00	22.75	<=33.01	Pass
			18	23.45	3.00	26.45	<=33.01	Pass
			39	20.60	3.00	23.60	<=33.01	Pass
		75	0	19.65	3.00	22.65	<=33.01	Pass
	2593	1	0	23.48	3.00	26.48	<=33.01	Pass
			38	23.09	3.00	26.09	<=33.01	Pass
			74	22.80	3.00	25.80	<=33.01	Pass
		36	0	22.19	3.00	25.19	<=33.01	Pass
			18	22.07	3.00	25.07	<=33.01	Pass
			39	21.99	3.00	24.99	<=33.01	Pass
		75	0	22.12	3.00	25.12	<=33.01	Pass
	2682.5	1	0	23.29	3.00	26.29	<=33.01	Pass
			38	23.09	3.00	26.09	<=33.01	Pass
			74	23.62	3.00	26.62	<=33.01	Pass
		36	0	22.18	3.00	25.18	<=33.01	Pass
			18	22.25	3.00	25.25	<=33.01	Pass
			39	22.39	3.00	25.39	<=33.01	Pass
		75	0	22.30	3.00	25.30	<=33.01	Pass
64QAM	2503.5	1	0	19.80	3.00	22.80	<=33.01	Pass
			38	24.67	3.00	27.67	<=33.01	Pass
			74	24.15	3.00	27.15	<=33.01	Pass
		36	0	19.76	3.00	22.76	<=33.01	Pass
			18	23.59	3.00	26.59	<=33.01	Pass
			39	20.60	3.00	23.60	<=33.01	Pass
		75	0	19.62	3.00	22.62	<=33.01	Pass
	2593	1	0	23.45	3.00	26.45	<=33.01	Pass
			38	22.94	3.00	25.94	<=33.01	Pass

256QAM		36	74	22.70	3.00	25.70	<=33.01	Pass
			0	22.17	3.00	25.17	<=33.01	Pass
			18	22.10	3.00	25.10	<=33.01	Pass
			39	21.97	3.00	24.97	<=33.01	Pass
	2682.5	75	0	22.09	3.00	25.09	<=33.01	Pass
			0	23.11	3.00	26.11	<=33.01	Pass
			38	22.99	3.00	25.99	<=33.01	Pass
		1	74	23.15	3.00	26.15	<=33.01	Pass
			0	22.18	3.00	25.18	<=33.01	Pass
			18	22.25	3.00	25.25	<=33.01	Pass
		36	39	22.37	3.00	25.37	<=33.01	Pass
			0	22.28	3.00	25.28	<=33.01	Pass
			0	15.88	3.00	18.88	<=33.01	Pass
	2503.5	1	38	20.57	3.00	23.57	<=33.01	Pass
			74	20.49	3.00	23.49	<=33.01	Pass
			0	16.83	3.00	19.83	<=33.01	Pass
		36	18	20.30	3.00	23.30	<=33.01	Pass
			39	17.68	3.00	20.68	<=33.01	Pass
			0	16.70	3.00	19.70	<=33.01	Pass
		75	0	19.46	3.00	22.46	<=33.01	Pass
			38	19.17	3.00	22.17	<=33.01	Pass
			74	19.00	3.00	22.00	<=33.01	Pass
	2593	1	0	19.24	3.00	22.24	<=33.01	Pass
			18	19.07	3.00	22.07	<=33.01	Pass
			39	19.00	3.00	22.00	<=33.01	Pass
		36	0	19.17	3.00	22.17	<=33.01	Pass
			0	19.27	3.00	22.27	<=33.01	Pass
			38	19.32	3.00	22.32	<=33.01	Pass
		75	74	19.43	3.00	22.43	<=33.01	Pass
			0	19.15	3.00	22.15	<=33.01	Pass
			18	19.23	3.00	22.23	<=33.01	Pass
	2682.5	36	39	19.39	3.00	22.39	<=33.01	Pass
			0	19.33	3.00	22.33	<=33.01	Pass
			0	19.33	3.00	22.33	<=33.01	Pass
		75	0	19.33	3.00	22.33	<=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	20.71	3.00	23.71	<=33.01	Pass
			50	25.21	3.00	28.21	<=33.01	Pass
			99	25.21	3.00	28.21	<=33.01	Pass
		50	0	20.73	3.00	23.73	<=33.01	Pass
			25	24.66	3.00	27.66	<=33.01	Pass
			50	21.51	3.00	24.51	<=33.01	Pass
		100	0	20.64	3.00	23.64	<=33.01	Pass
	2593	1	0	24.28	3.00	27.28	<=33.01	Pass
			50	24.20	3.00	27.20	<=33.01	Pass
			99	23.75	3.00	26.75	<=33.01	Pass
		50	0	23.23	3.00	26.23	<=33.01	Pass
			25	23.16	3.00	26.16	<=33.01	Pass
			50	22.94	3.00	25.94	<=33.01	Pass
		100	0	23.13	3.00	26.13	<=33.01	Pass
	2680	1	0	23.98	3.00	26.98	<=33.01	Pass
			50	24.24	3.00	27.24	<=33.01	Pass
			99	24.08	3.00	27.08	<=33.01	Pass
		50	0	23.14	3.00	26.14	<=33.01	Pass
			25	23.26	3.00	26.26	<=33.01	Pass
			50	23.41	3.00	26.41	<=33.01	Pass
		100	0	23.23	3.00	26.23	<=33.01	Pass
16QAM	2506	1	0	19.78	3.00	22.78	<=33.01	Pass
			50	24.84	3.00	27.84	<=33.01	Pass
			99	24.31	3.00	27.31	<=33.01	Pass
		50	0	19.80	3.00	22.80	<=33.01	Pass
			25	23.64	3.00	26.64	<=33.01	Pass
			50	20.64	3.00	23.64	<=33.01	Pass
		100	0	19.63	3.00	22.63	<=33.01	Pass
	2593	1	0	23.31	3.00	26.31	<=33.01	Pass
			50	23.13	3.00	26.13	<=33.01	Pass
			99	22.74	3.00	25.74	<=33.01	Pass
		50	0	22.20	3.00	25.20	<=33.01	Pass
			25	22.12	3.00	25.12	<=33.01	Pass
			50	21.94	3.00	24.94	<=33.01	Pass
		100	0	22.09	3.00	25.09	<=33.01	Pass
	2680	1	0	22.89	3.00	25.89	<=33.01	Pass
			50	23.62	3.00	26.62	<=33.01	Pass
			99	23.14	3.00	26.14	<=33.01	Pass
		50	0	22.11	3.00	25.11	<=33.01	Pass
			25	22.23	3.00	25.23	<=33.01	Pass
			50	22.37	3.00	25.37	<=33.01	Pass
		100	0	22.19	3.00	25.19	<=33.01	Pass
64QAM	2506	1	0	19.51	3.00	22.51	<=33.01	Pass
			50	24.66	3.00	27.66	<=33.01	Pass
			99	24.20	3.00	27.20	<=33.01	Pass
		50	0	19.73	3.00	22.73	<=33.01	Pass
			25	23.63	3.00	26.63	<=33.01	Pass
			50	20.37	3.00	23.37	<=33.01	Pass
		100	0	19.66	3.00	22.66	<=33.01	Pass
	2593	1	0	23.33	3.00	26.33	<=33.01	Pass
			50	22.93	3.00	25.93	<=33.01	Pass

		50	99	22.76	3.00	25.76	<=33.01	Pass
			0	22.23	3.00	25.23	<=33.01	Pass
			25	22.06	3.00	25.06	<=33.01	Pass
			50	21.92	3.00	24.92	<=33.01	Pass
	2680	1	100	0	22.10	3.00	25.10	<=33.01
			0	22.84	3.00	25.84	<=33.01	Pass
			50	23.24	3.00	26.24	<=33.01	Pass
		50	99	23.52	3.00	26.52	<=33.01	Pass
			0	22.11	3.00	25.11	<=33.01	Pass
			25	22.24	3.00	25.24	<=33.01	Pass
		100	50	22.35	3.00	25.35	<=33.01	Pass
			0	22.18	3.00	25.18	<=33.01	Pass
	256QAM	2506	1	0	15.91	3.00	18.91	<=33.01
				50	20.64	3.00	23.64	<=33.01
				99	20.56	3.00	23.56	<=33.01
			50	0	16.80	3.00	19.80	<=33.01
				25	20.63	3.00	23.63	<=33.01
				50	17.65	3.00	20.65	<=33.01
		2593	1	100	0	16.64	19.64	<=33.01
				0	19.47	3.00	22.47	<=33.01
				50	19.26	3.00	22.26	<=33.01
			50	99	18.79	3.00	21.79	<=33.01
				0	19.29	3.00	22.29	<=33.01
				25	19.15	3.00	22.15	<=33.01
	2680	1	50	50	18.98	3.00	21.98	<=33.01
				0	19.17	3.00	22.17	<=33.01
				0	18.76	3.00	21.76	<=33.01
		50	100	0	19.32	3.00	22.32	<=33.01
				50	19.32	3.00	22.32	<=33.01
				0	19.13	3.00	22.13	<=33.01
		100	50	25	19.22	3.00	22.22	<=33.01
				50	19.35	3.00	22.35	<=33.01
		100	50	0	19.18	3.00	22.18	<=33.01
				0	19.18	3.00	22.18	<=33.01

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	2.600	0.0010	-2.5 to 2.5	Pass
					NV	-2.900	-0.0011	-2.5 to 2.5	Pass
					HV	-2.000	-0.0008	-2.5 to 2.5	Pass
				0	NV	-0.100	0.0000	-2.5 to 2.5	Pass
				10	NV	-2.700	-0.0010	-2.5 to 2.5	Pass
				30	NV	-2.500	-0.0010	-2.5 to 2.5	Pass
				40	NV	1.000	0.0004	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

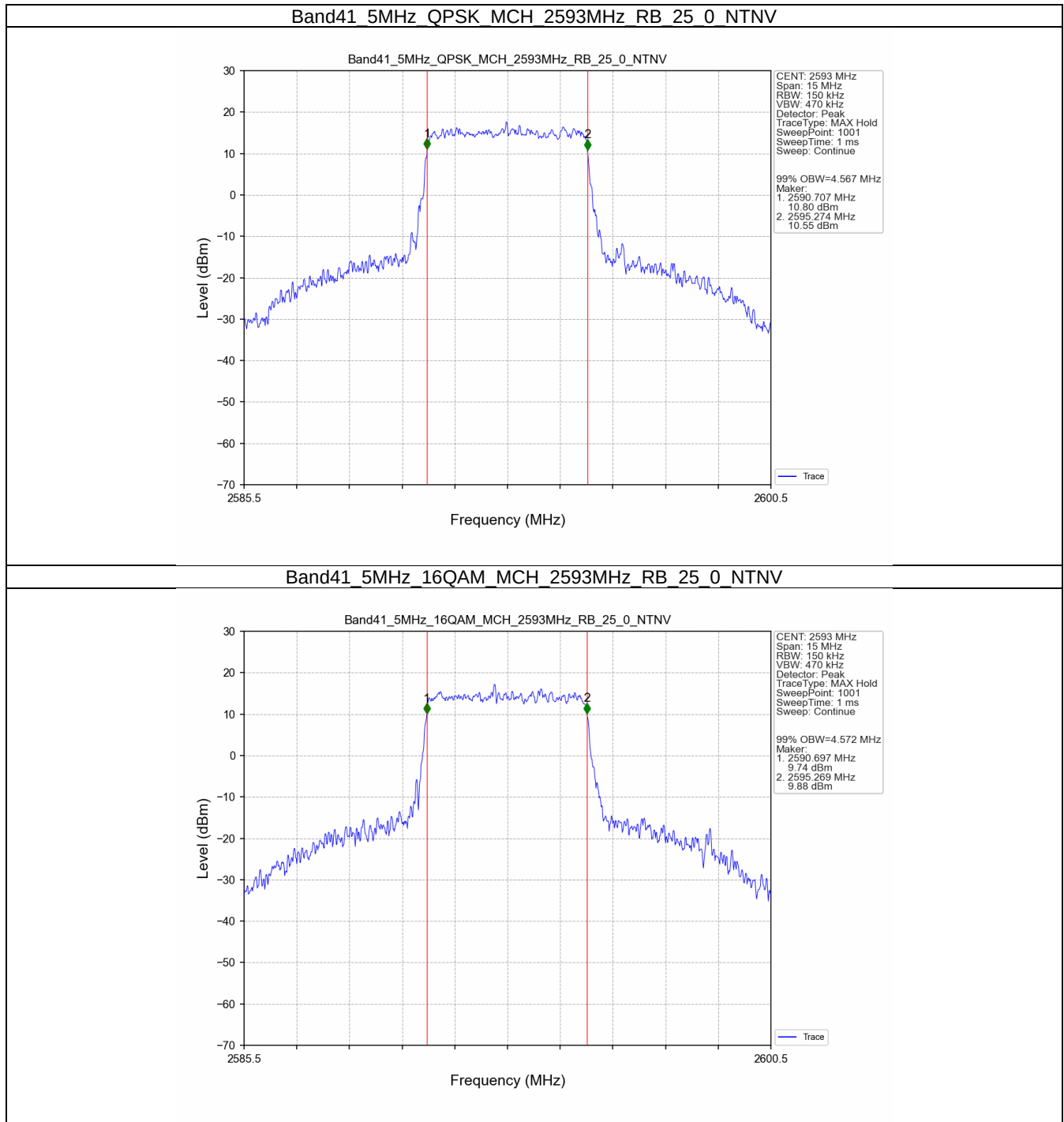
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.567	/	Pass
	16QAM	2593	25	0	4.572	/	Pass
	64QAM	2593	25	0	4.567	/	Pass
	256QAM	2593	25	0	4.569	/	Pass
10	QPSK	2593	50	0	9.070	/	Pass
	16QAM	2593	50	0	9.078	/	Pass
	64QAM	2593	50	0	9.062	/	Pass
	256QAM	2593	50	0	9.084	/	Pass
15	QPSK	2593	75	0	13.637	/	Pass
	16QAM	2593	75	0	13.610	/	Pass
	64QAM	2593	75	0	13.636	/	Pass
	256QAM	2593	75	0	13.582	/	Pass
20	QPSK	2593	100	0	18.128	/	Pass
	16QAM	2593	100	0	18.155	/	Pass
	64QAM	2593	100	0	18.179	/	Pass
	256QAM	2593	100	0	18.079	/	Pass

3.1.2 Band41_XDB

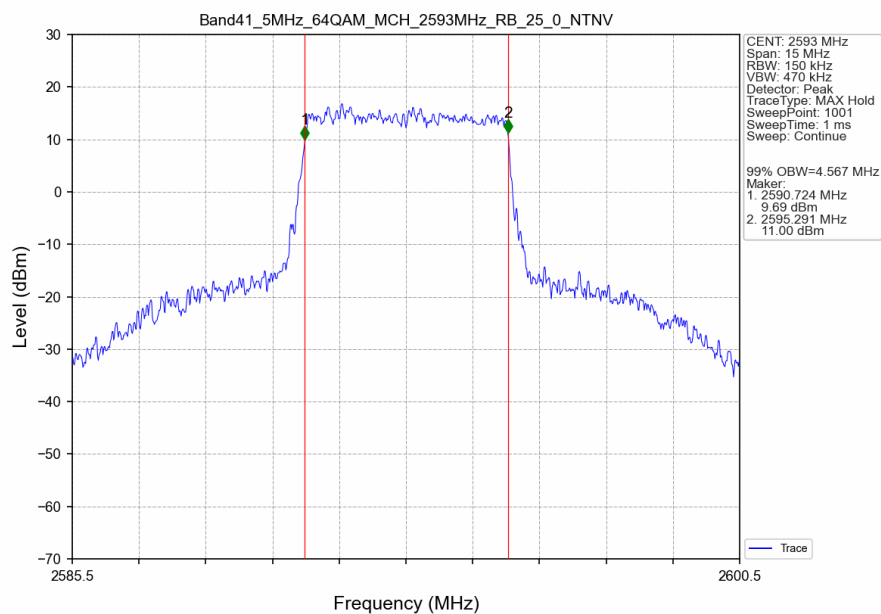
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.110	/	Pass
	16QAM	2593	25	0	5.215	/	Pass
	64QAM	2593	25	0	5.216	/	Pass
	256QAM	2593	25	0	5.221	/	Pass
10	QPSK	2593	50	0	10.170	/	Pass
	16QAM	2593	50	0	10.213	/	Pass
	64QAM	2593	50	0	10.104	/	Pass
	256QAM	2593	50	0	10.066	/	Pass
15	QPSK	2593	75	0	15.238	/	Pass
	16QAM	2593	75	0	15.084	/	Pass
	64QAM	2593	75	0	15.120	/	Pass
	256QAM	2593	75	0	14.943	/	Pass
20	QPSK	2593	100	0	20.110	/	Pass
	16QAM	2593	100	0	20.173	/	Pass
	64QAM	2593	100	0	19.873	/	Pass
	256QAM	2593	100	0	19.932	/	Pass

3.2 Test Graph

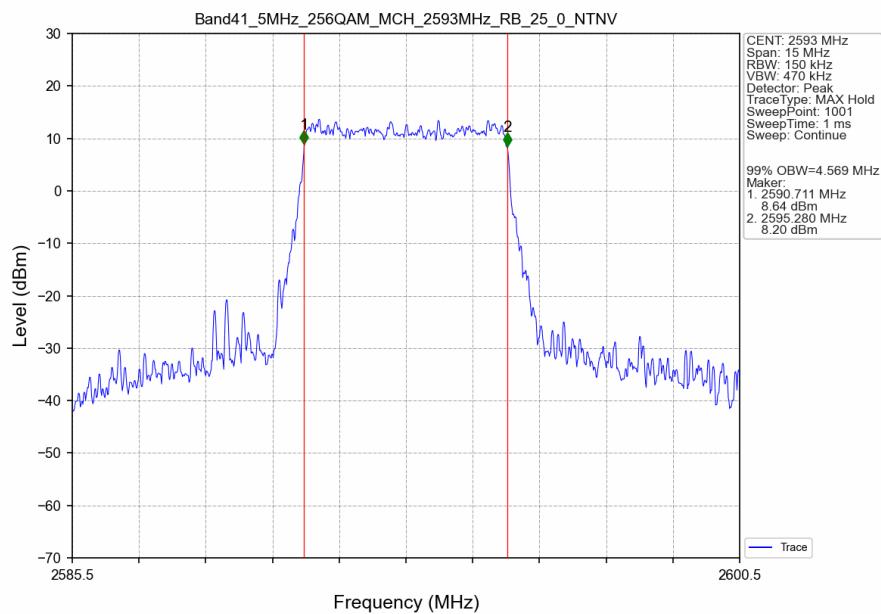
3.2.1 Band41_OBW



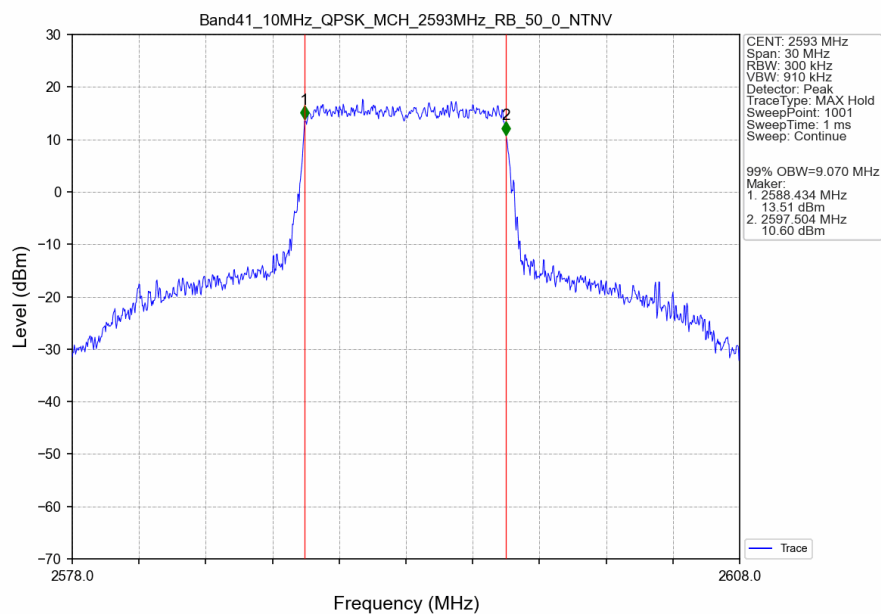
Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



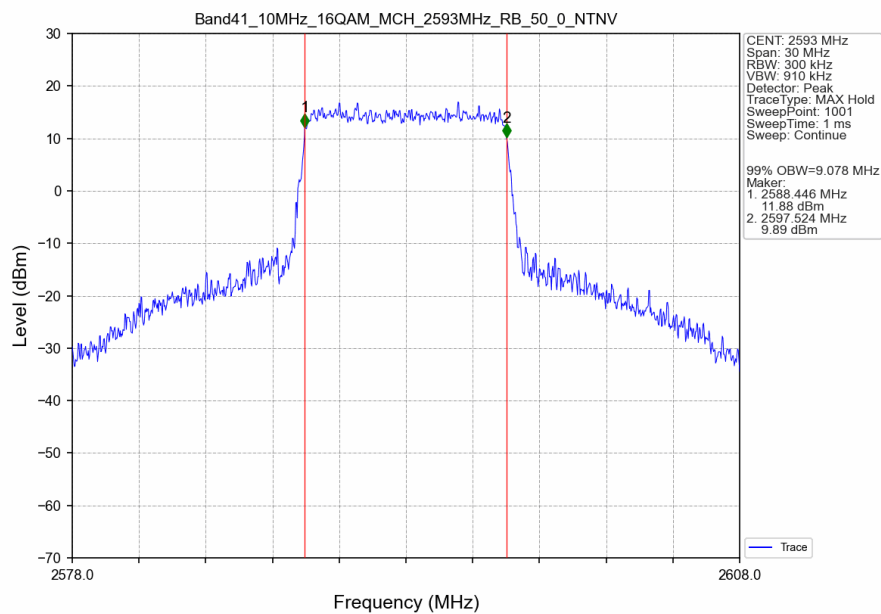
Band41_5MHz_256QAM_MCH_2593MHz_RB_25_0_NTNV



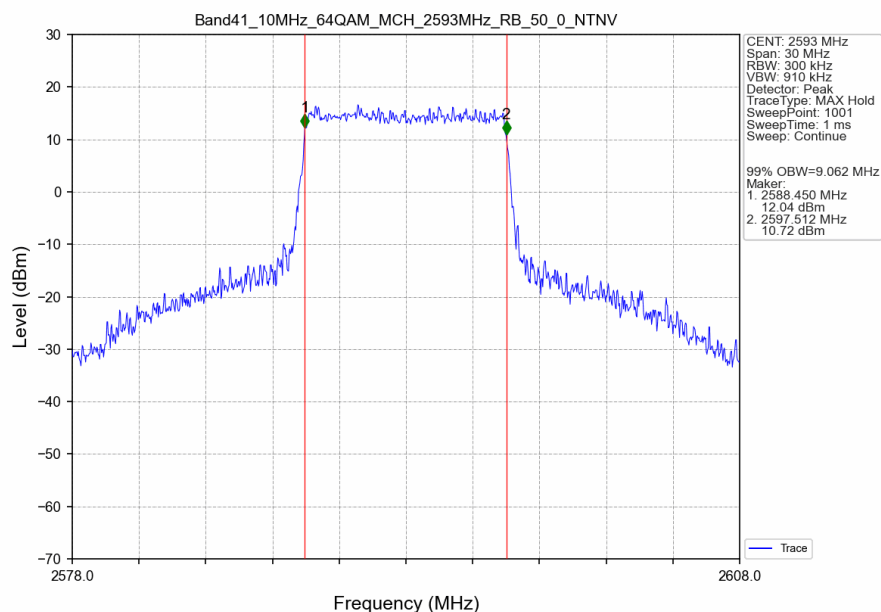
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



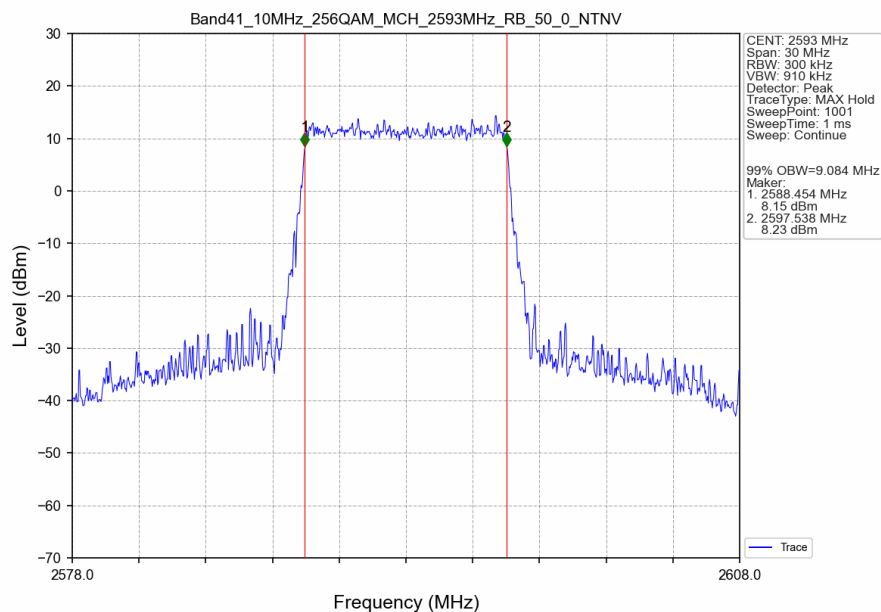
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



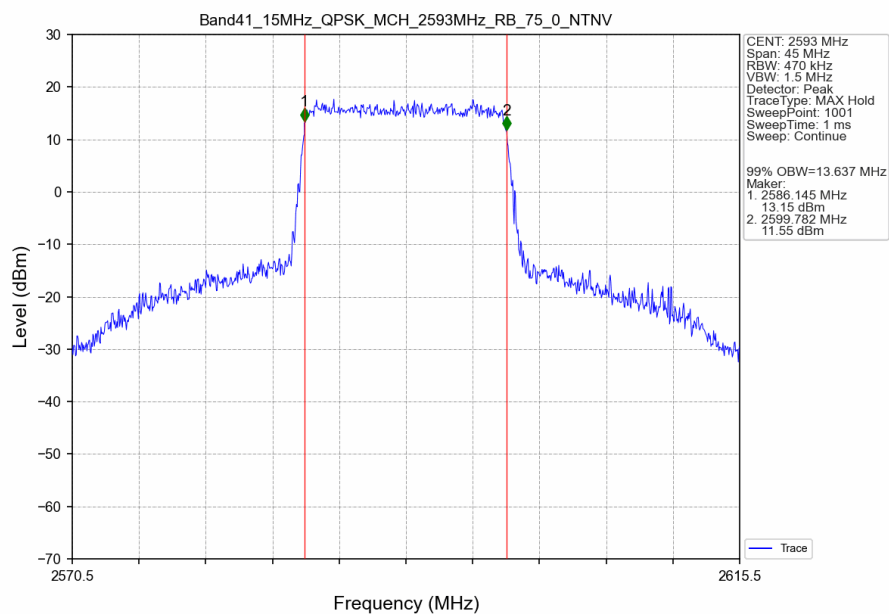
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



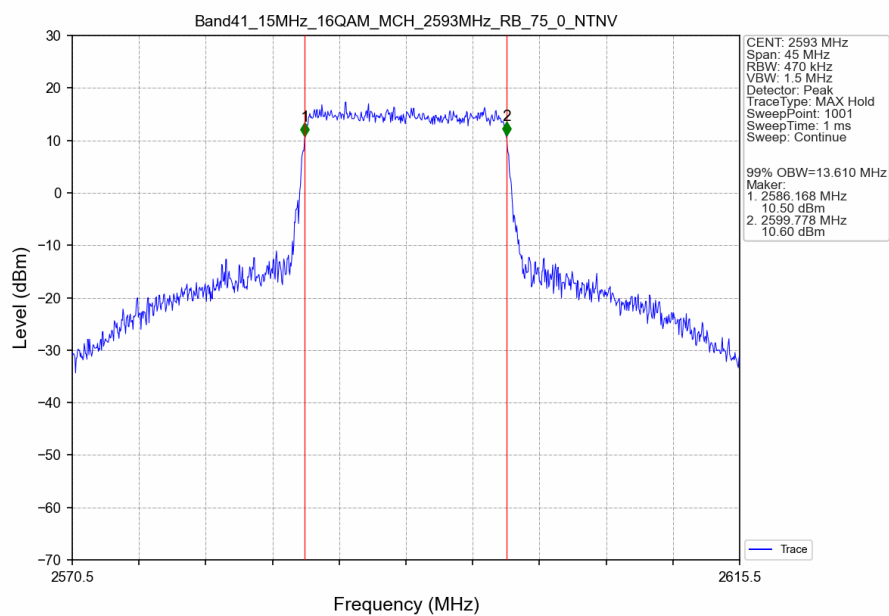
Band41_10MHz_256QAM_MCH_2593MHz_RB_50_0_NTNV



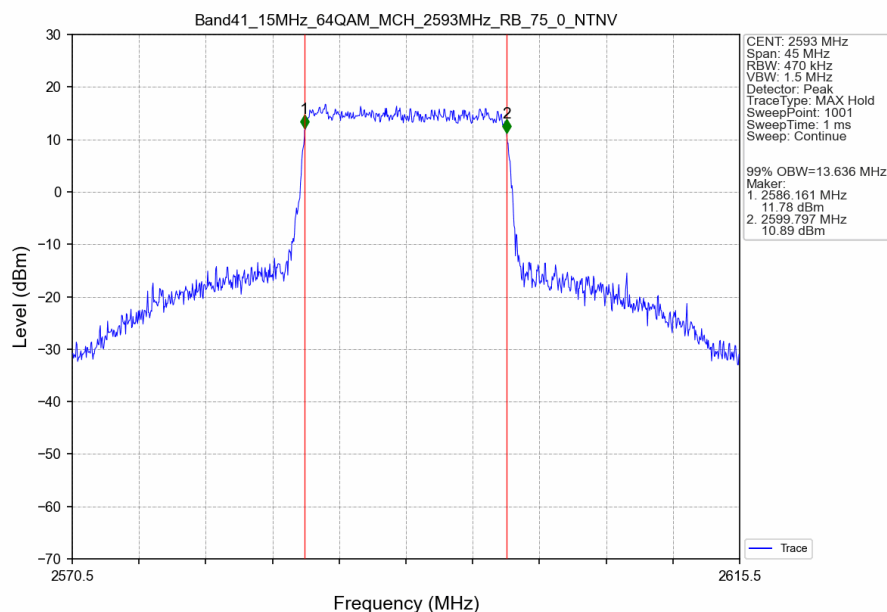
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



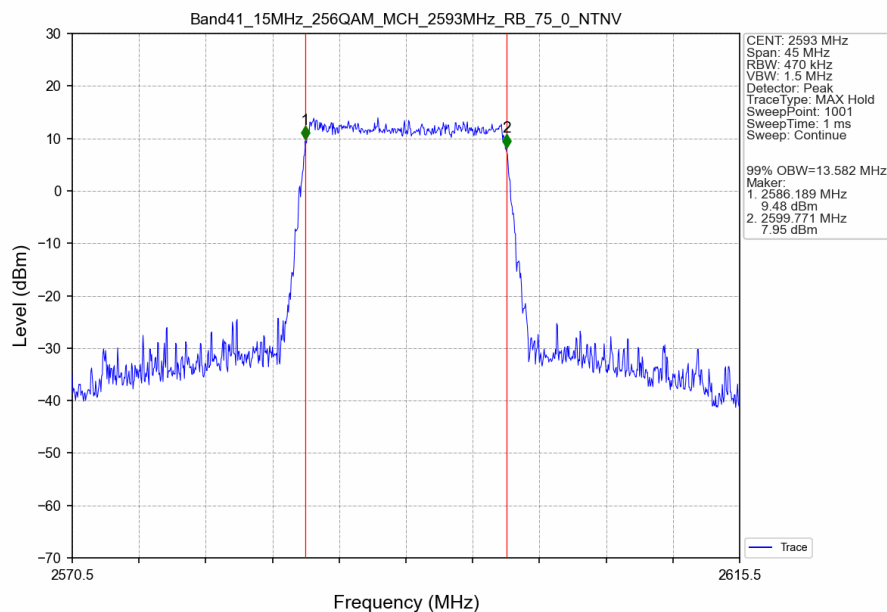
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



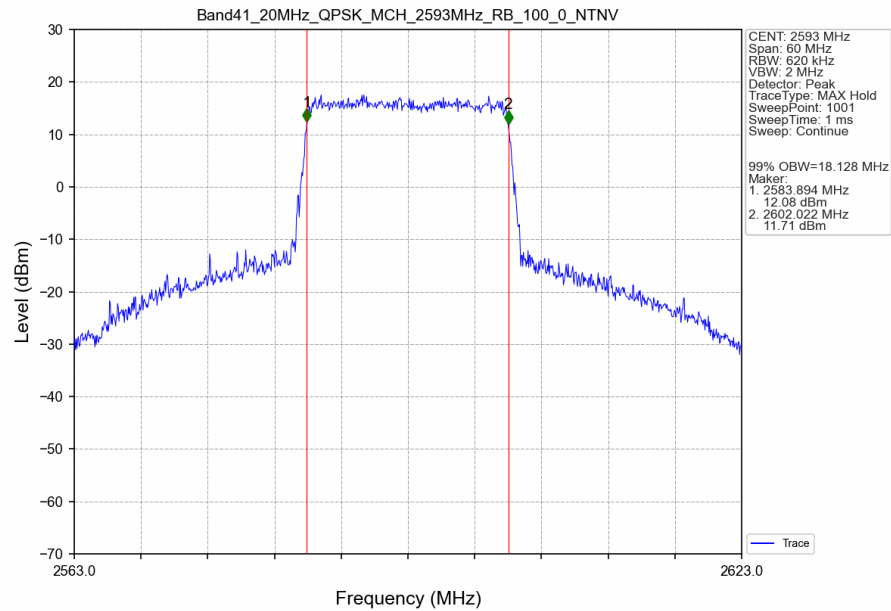
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



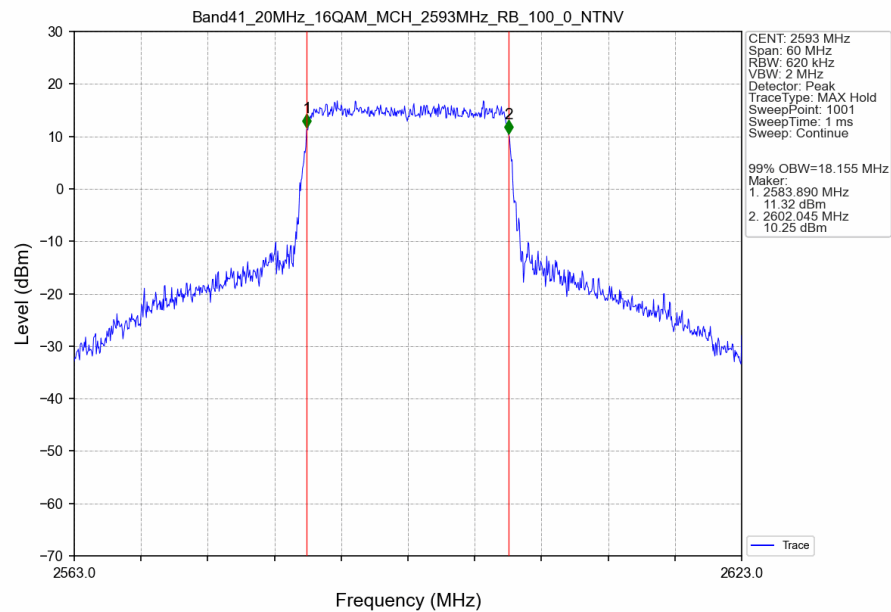
Band41_15MHz_256QAM_MCH_2593MHz_RB_75_0_NTNV



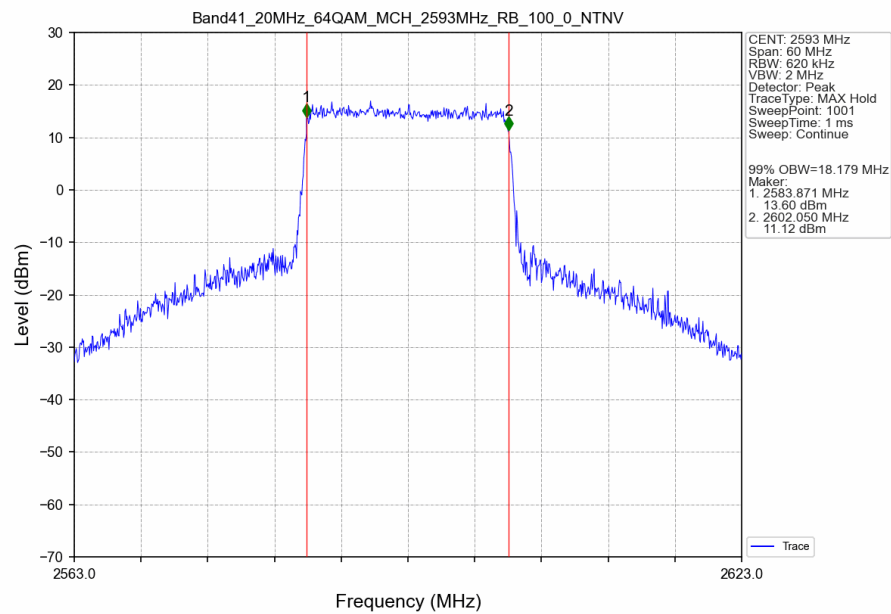
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



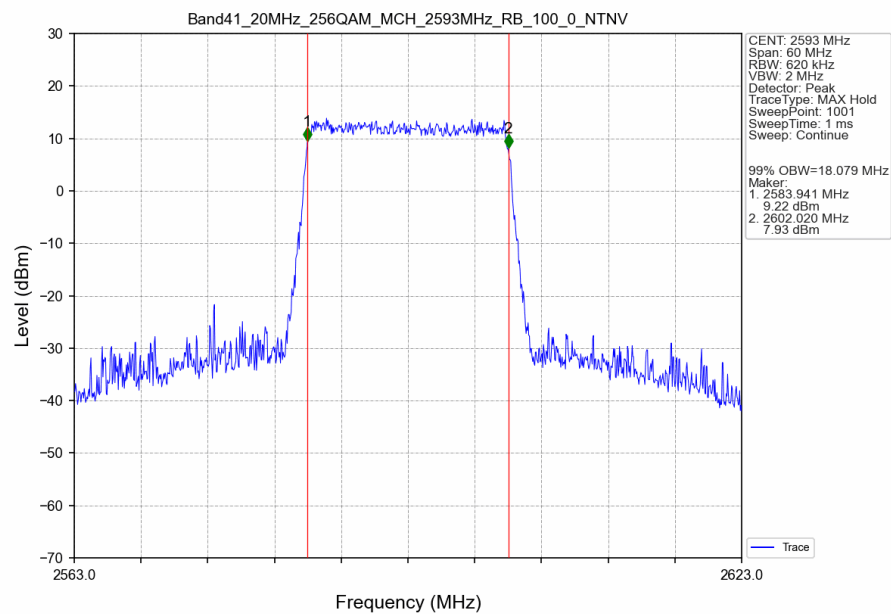
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



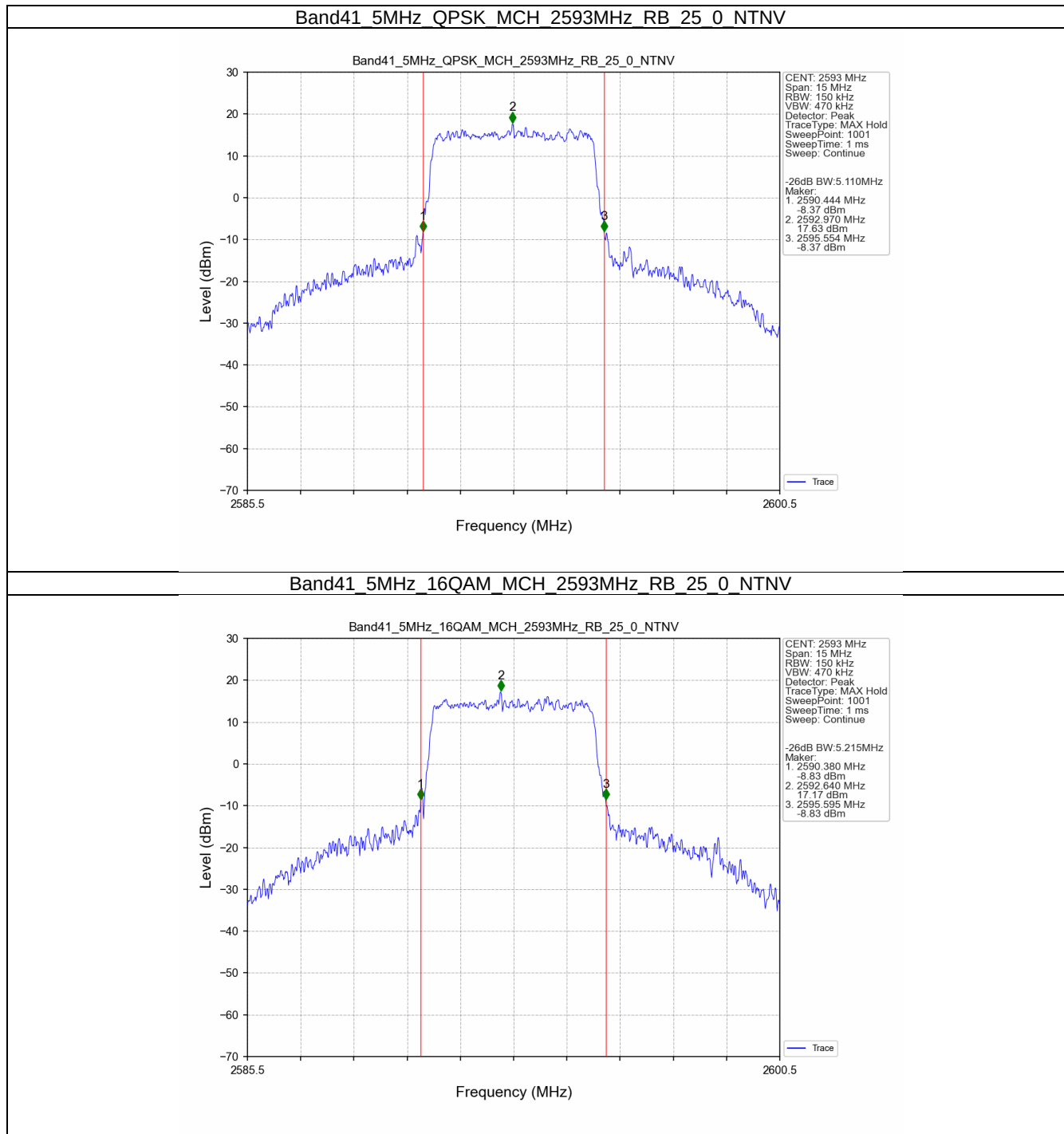
Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



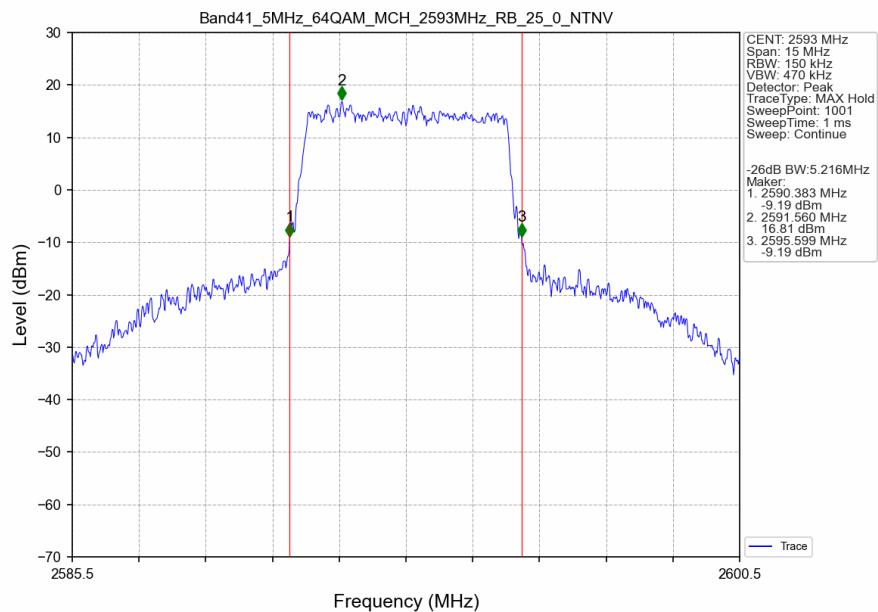
Band41_20MHz_256QAM_MCH_2593MHz_RB_100_0_NTNV



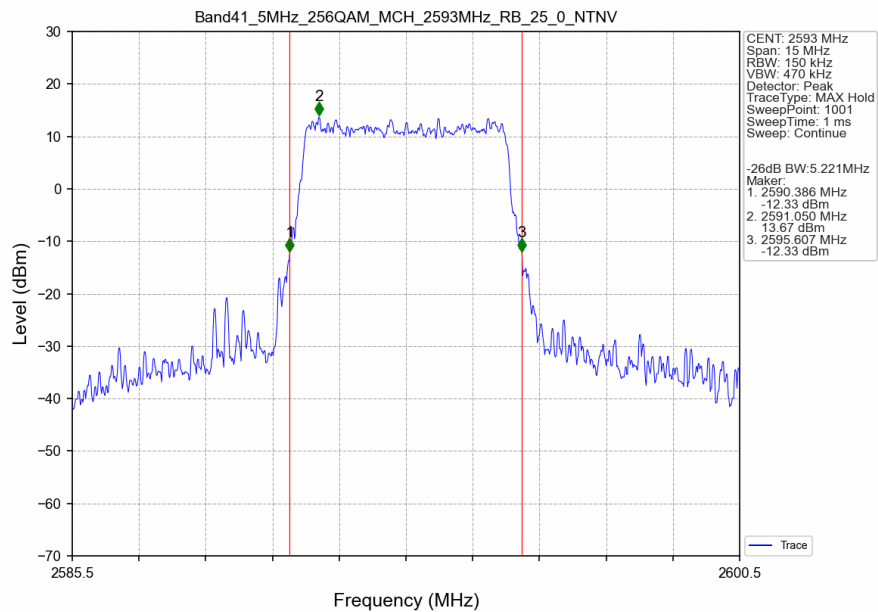
3.2.2 Band41_XDB



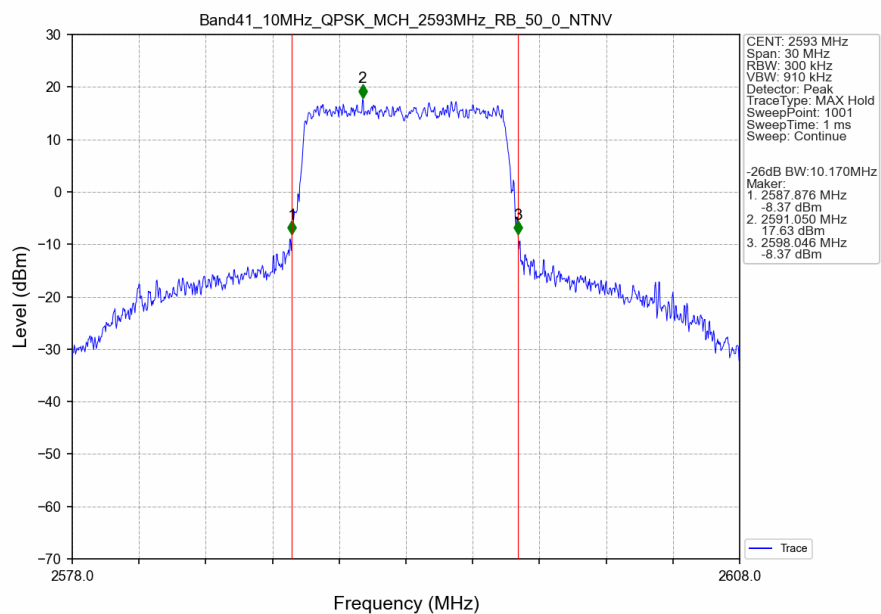
Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



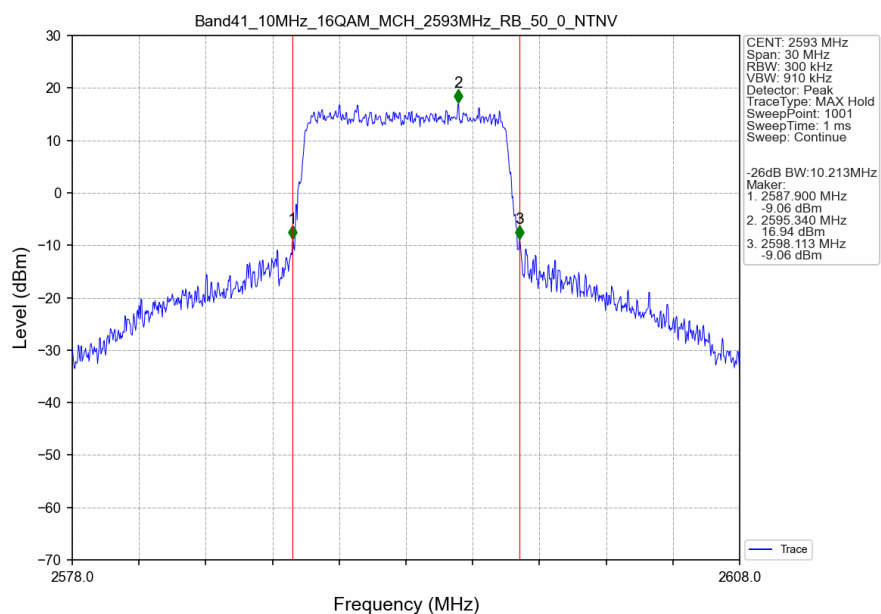
Band41_5MHz_256QAM_MCH_2593MHz_RB_25_0_NTNV



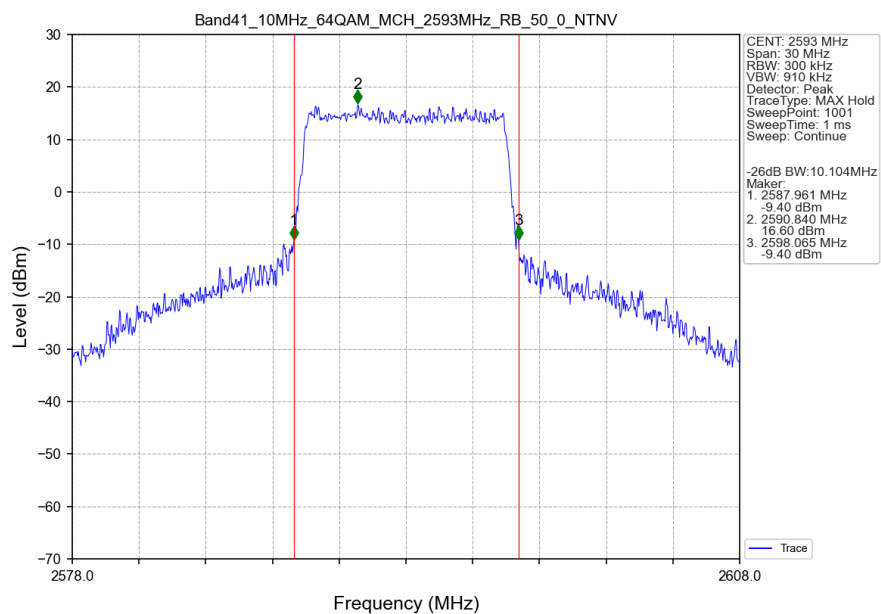
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



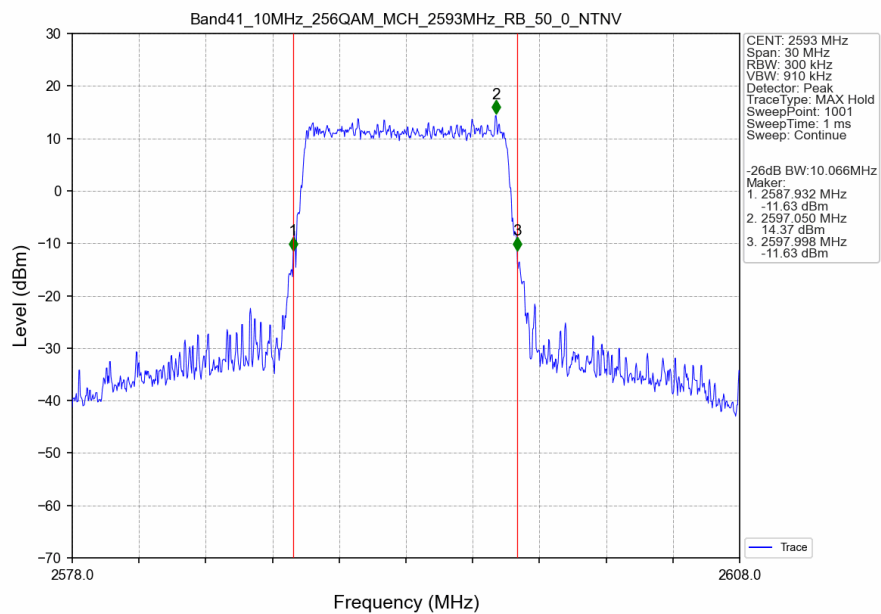
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



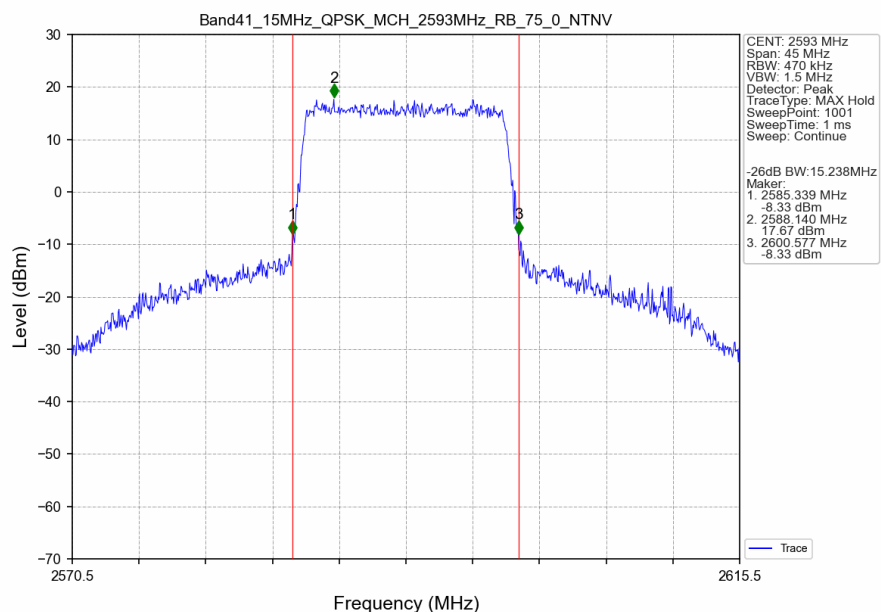
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



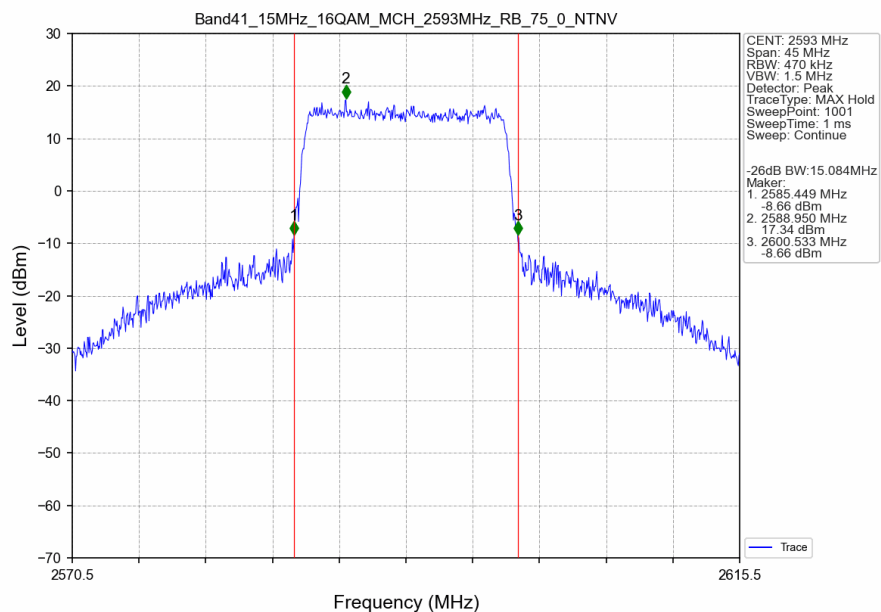
Band41_10MHz_256QAM_MCH_2593MHz_RB_50_0_NTNV



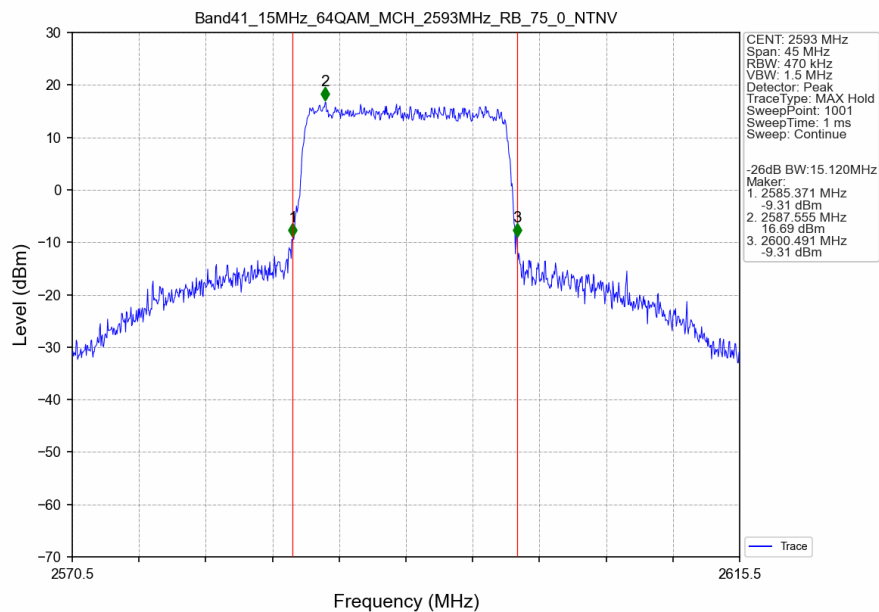
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



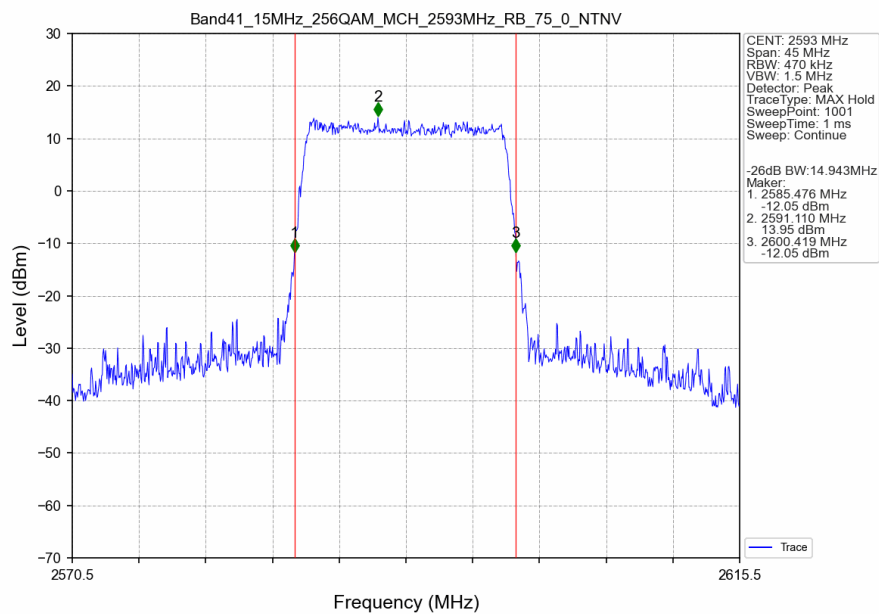
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



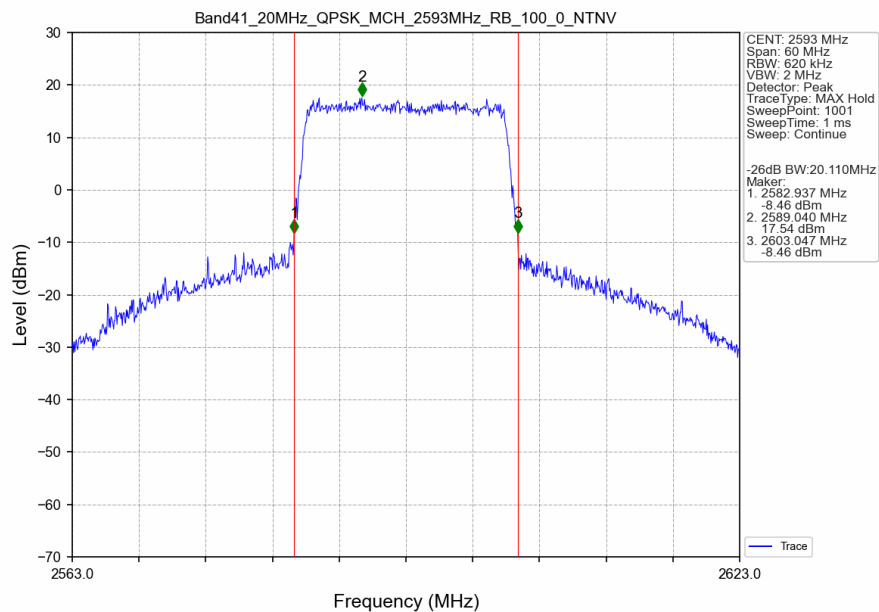
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



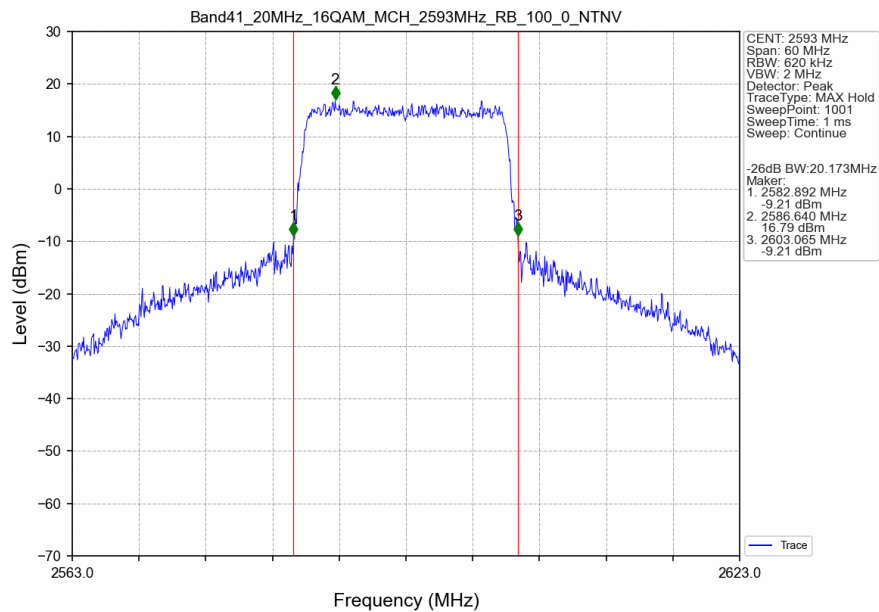
Band41_15MHz_256QAM_MCH_2593MHz_RB_75_0_NTNV



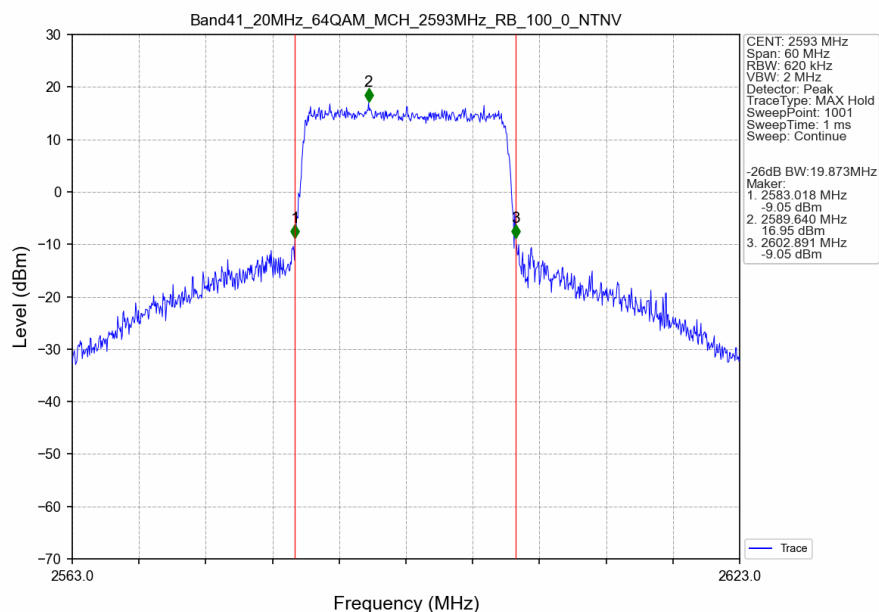
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



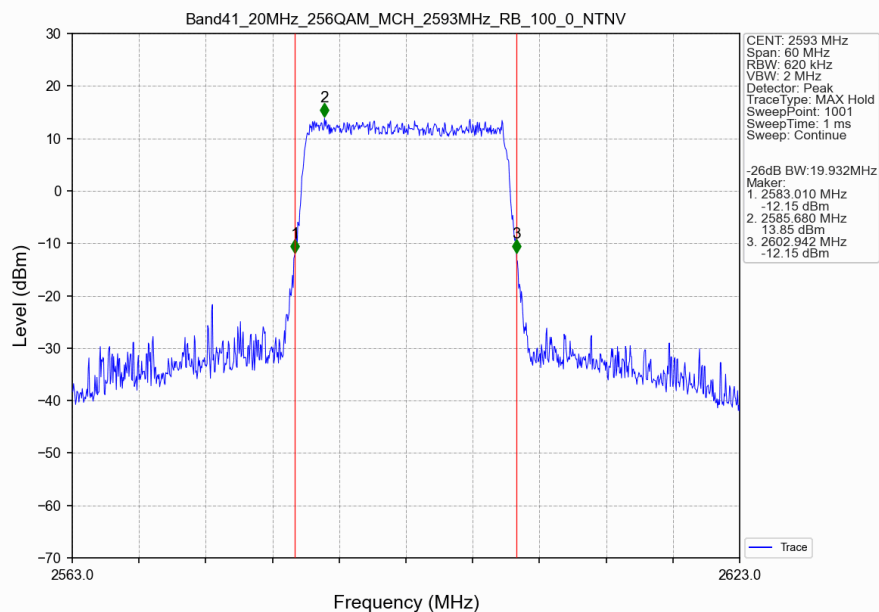
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_256QAM_MCH_2593MHz_RB_100_0_NTNV





4. Peak-Average Ratio

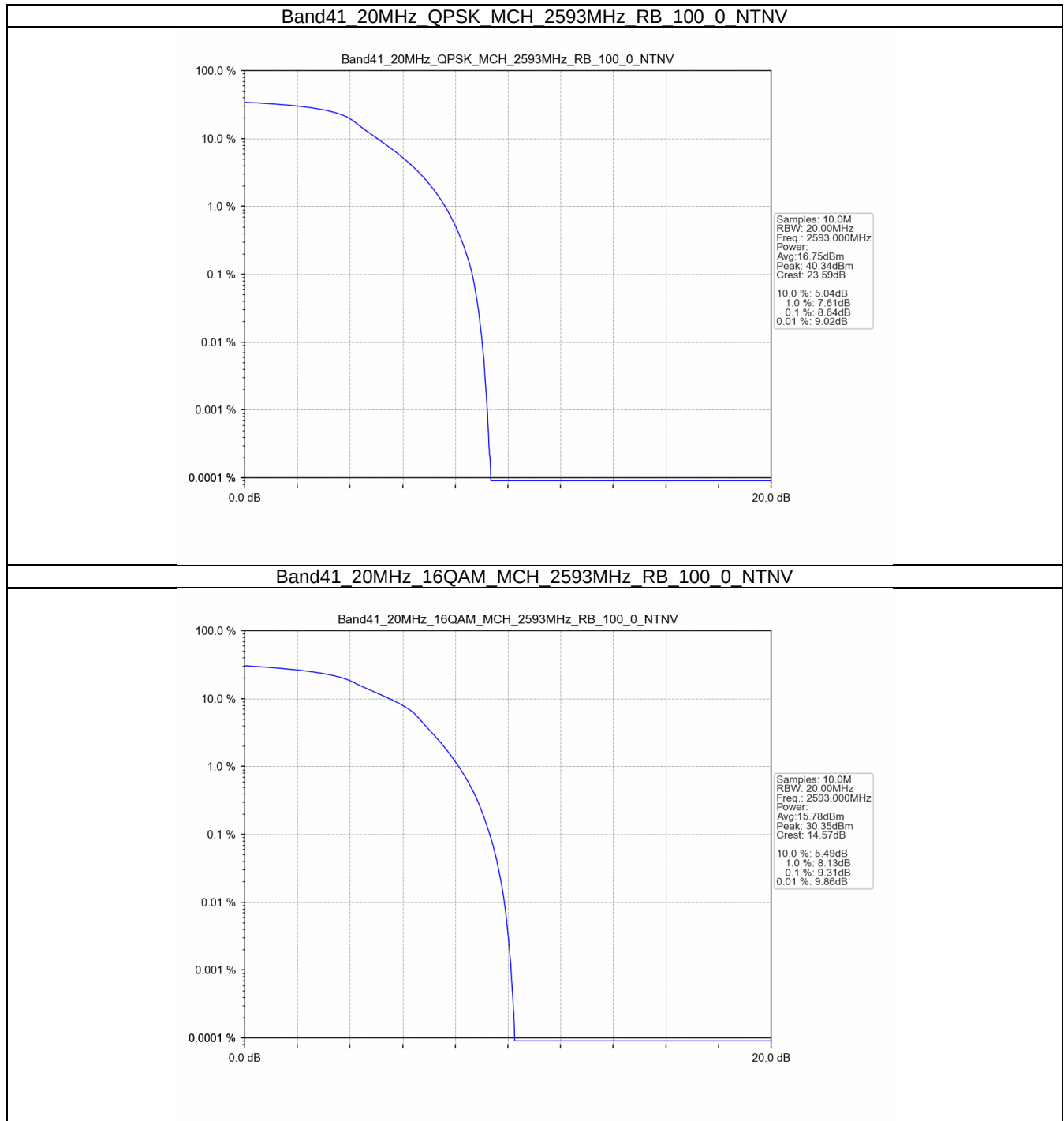
4.1 Test Result

4.1.1 B41_20MHz

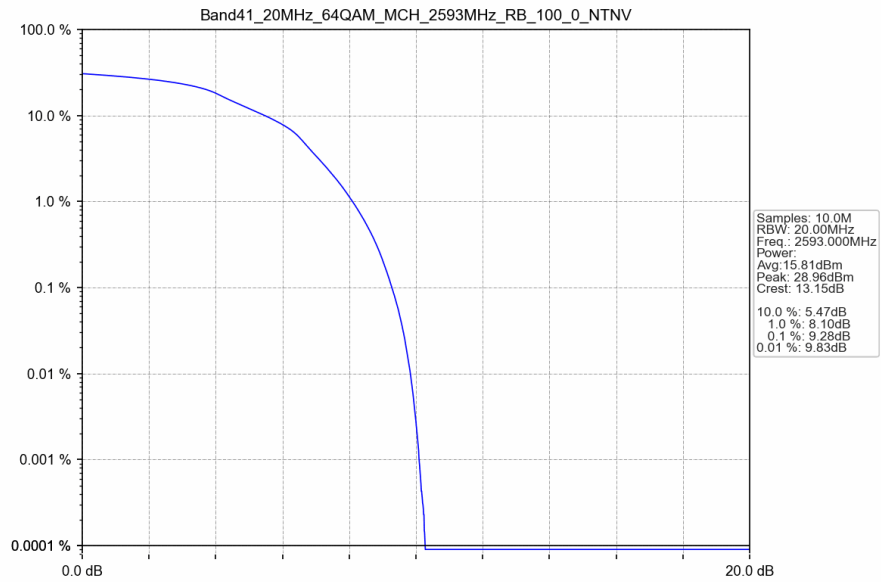
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	8.64	<=13	Pass
16QAM	2593	100	0	9.31	<=13	Pass
64QAM	2593	100	0	9.28	<=13	Pass
256QAM	2593	100	0	10.07	<=13	Pass

4.2 Test Graph

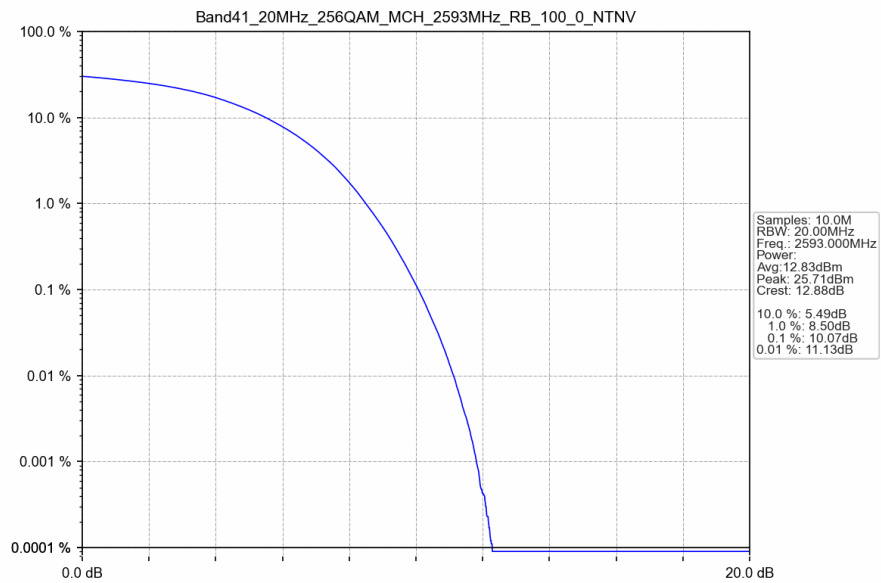
4.2.1 B41_20MHz



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 / 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

5.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTV						
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

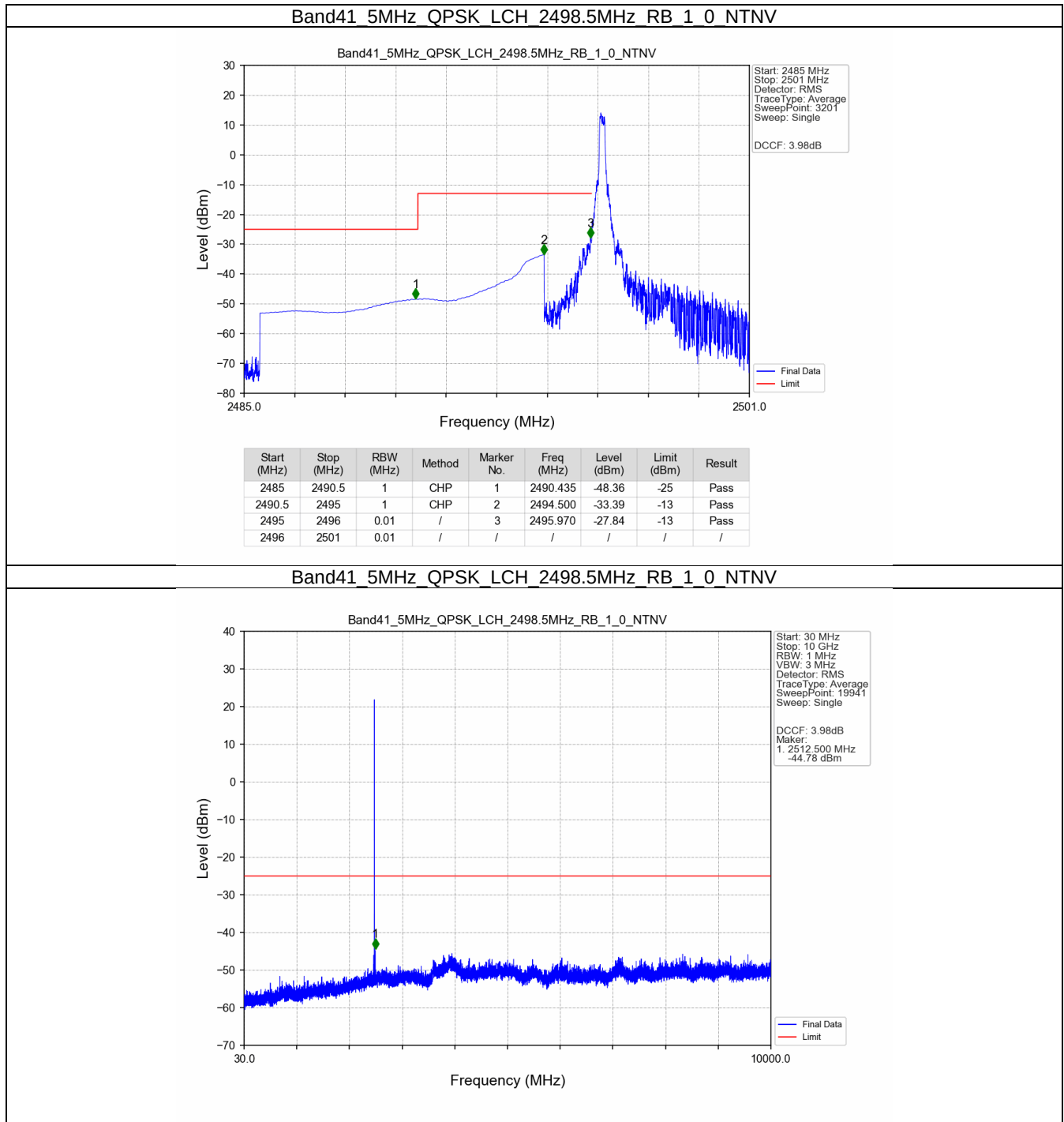


5.1.4 B41_20MHz

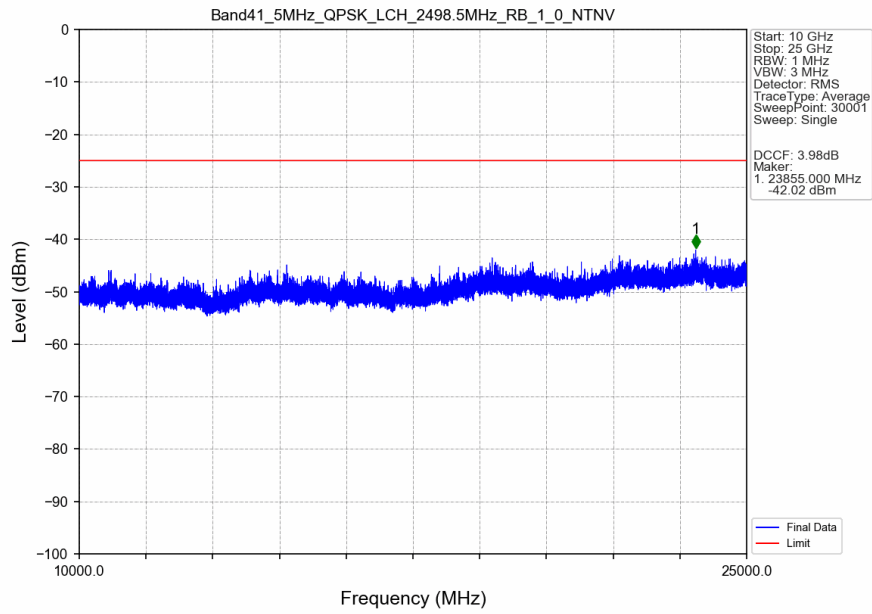
Band: 41 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2506	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	2593	1	0	Refer To Test Graph	Pass
	2680	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass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

5.2 Test Graph

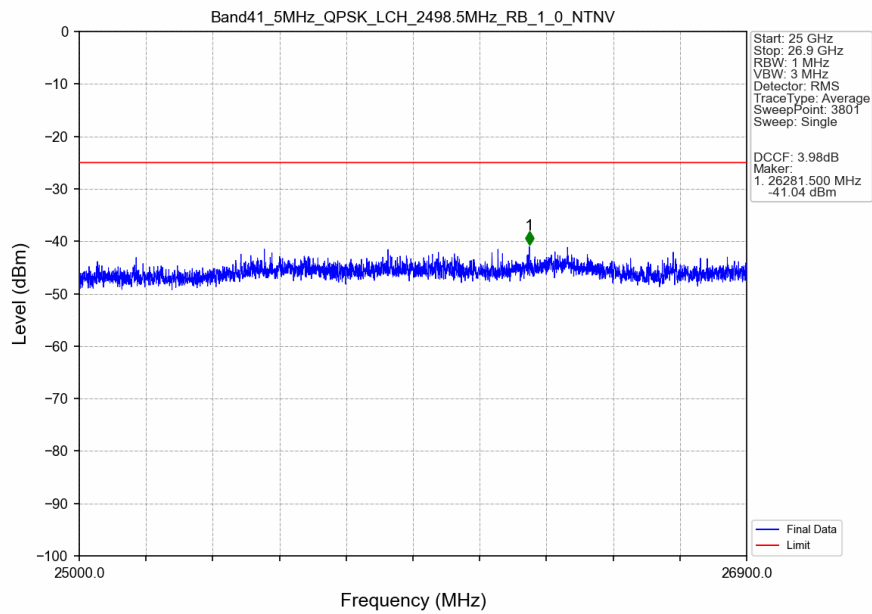
5.2.1 B41_5MHz



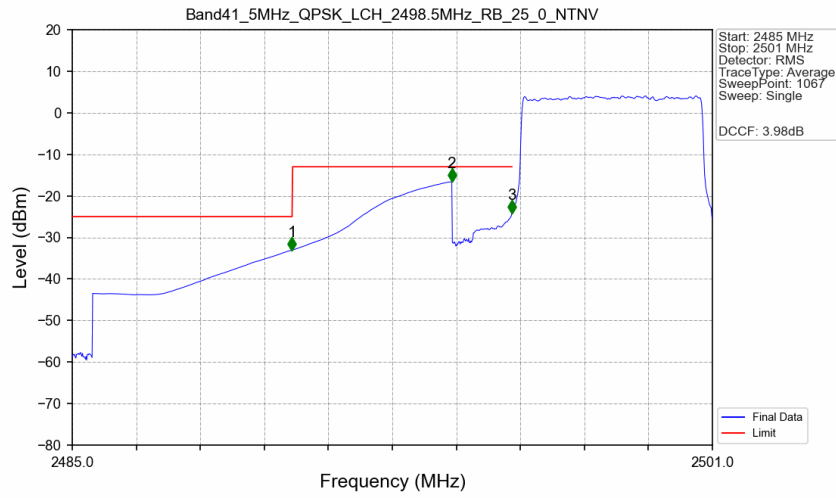
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



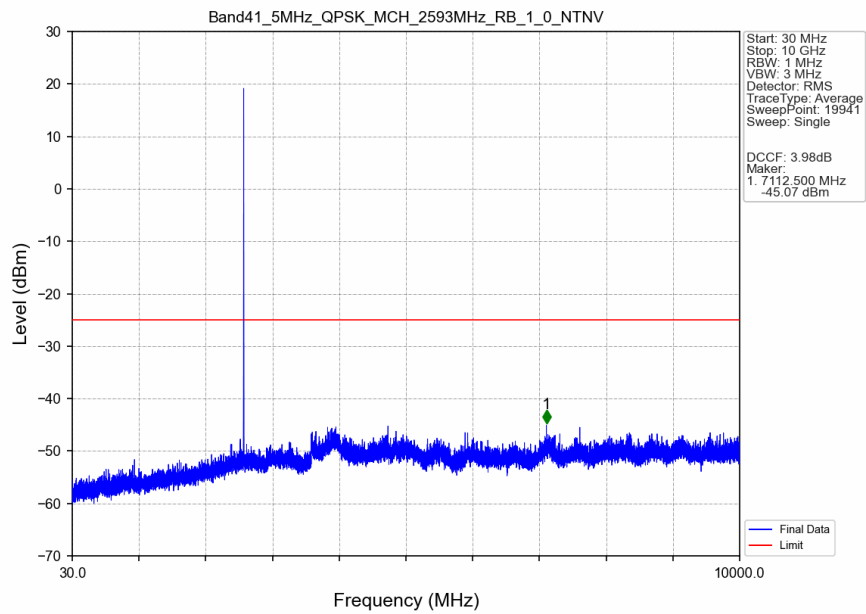
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



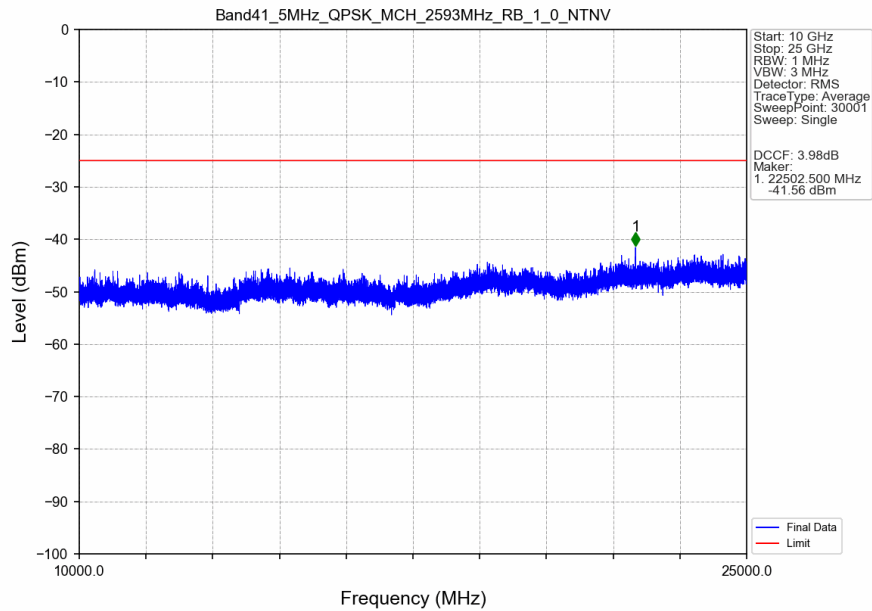
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



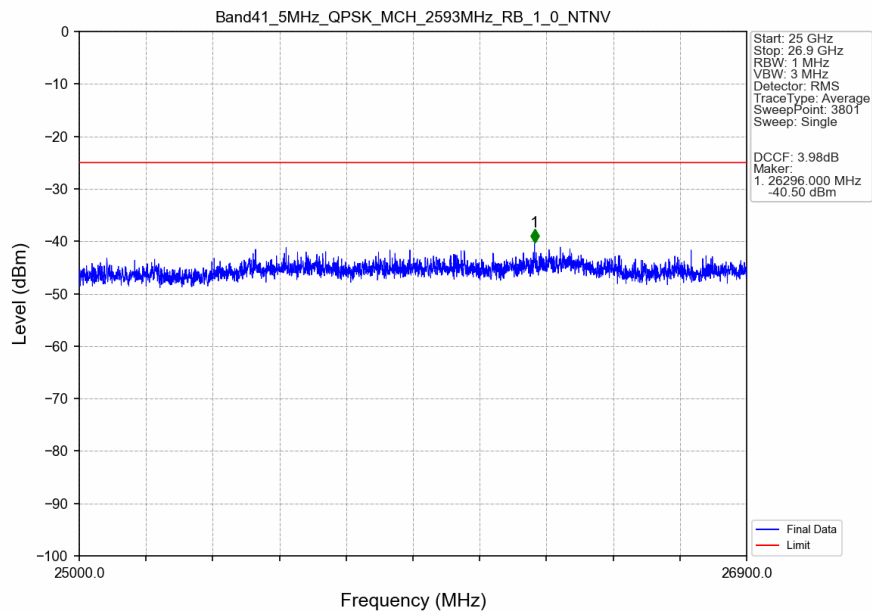
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



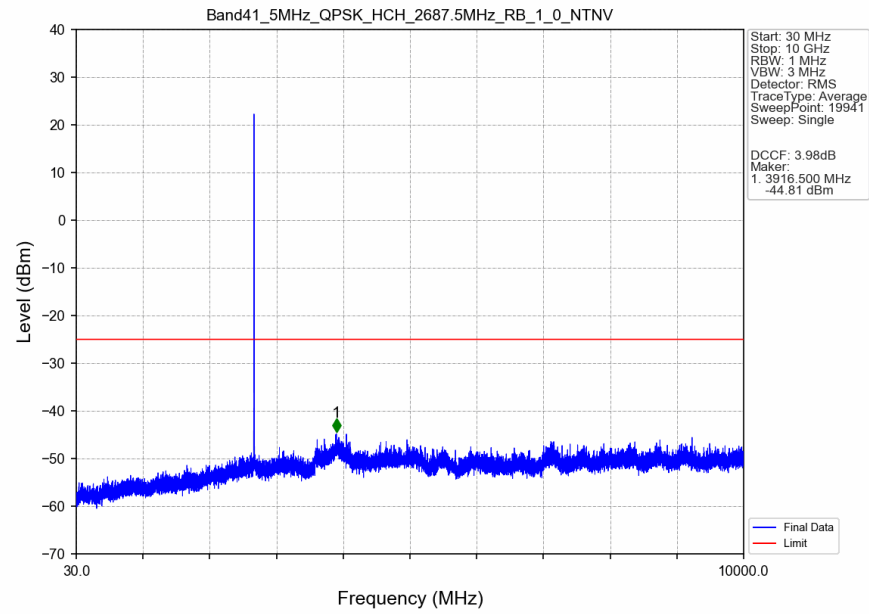
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



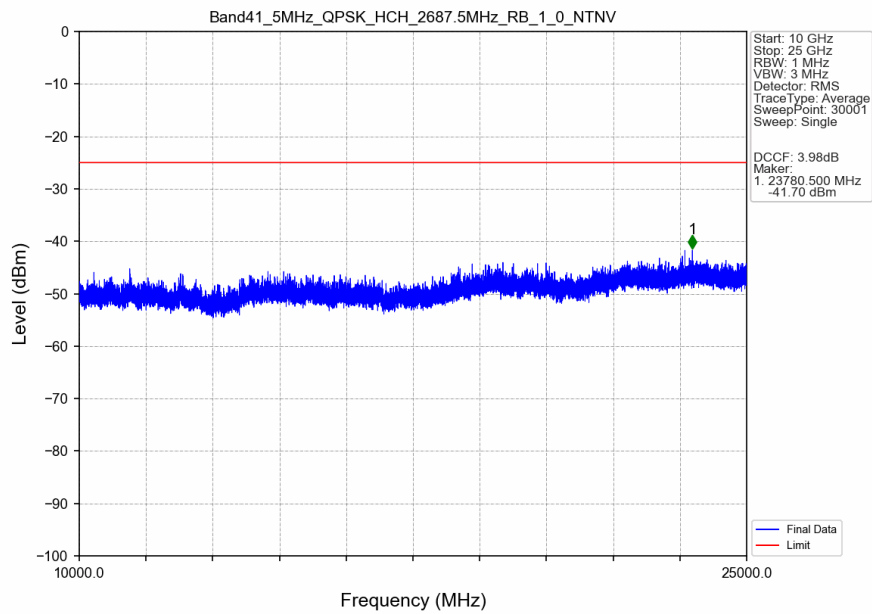
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



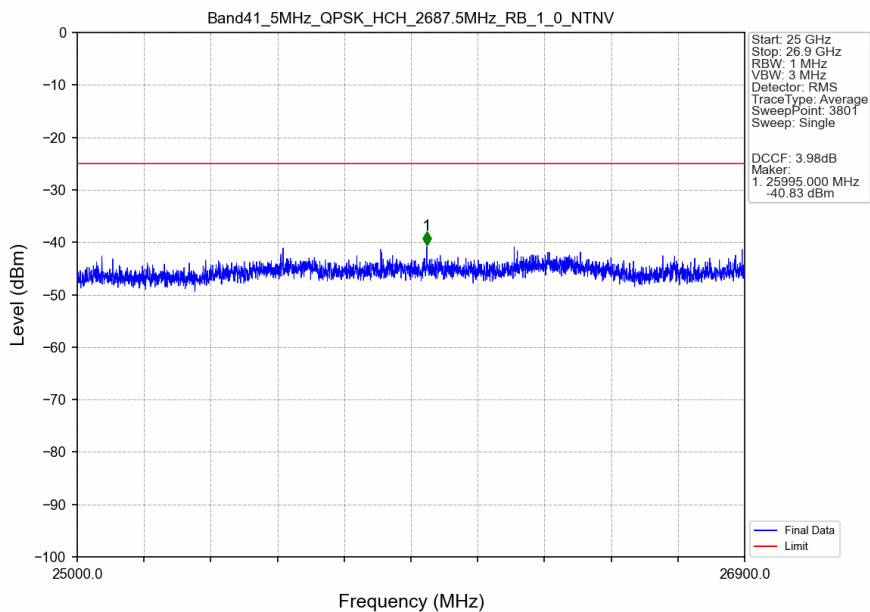
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



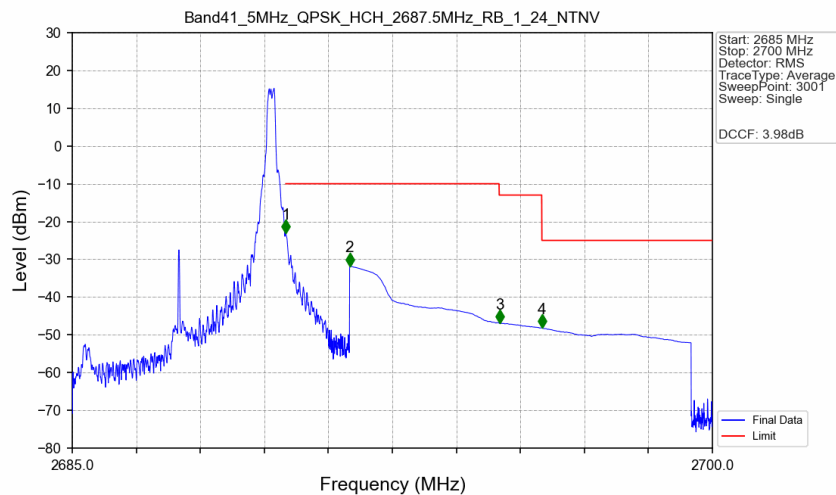
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

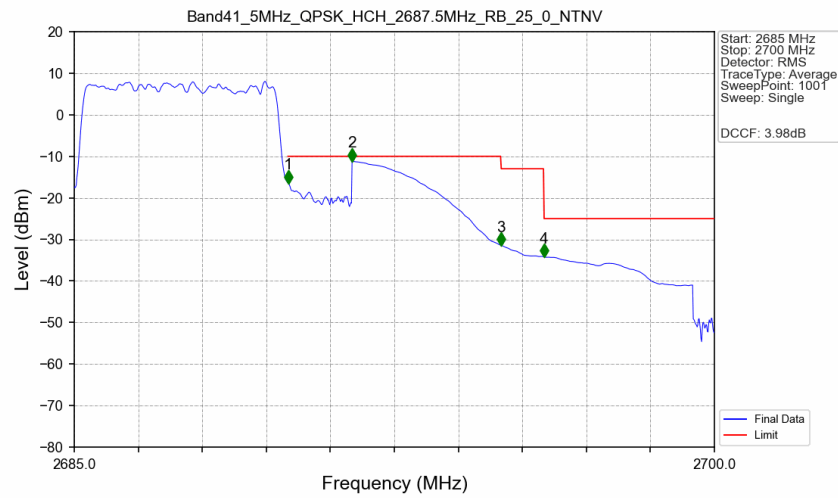


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



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	-23.04	-10	Pass
2691	2695	1	CHP	2	2691.500	-31.75	-10	Pass
2695	2696	1	CHP	3	2695.025	-46.87	-13	Pass
2696	2700	1	CHP	4	2696.005	-48.16	-25	Pass

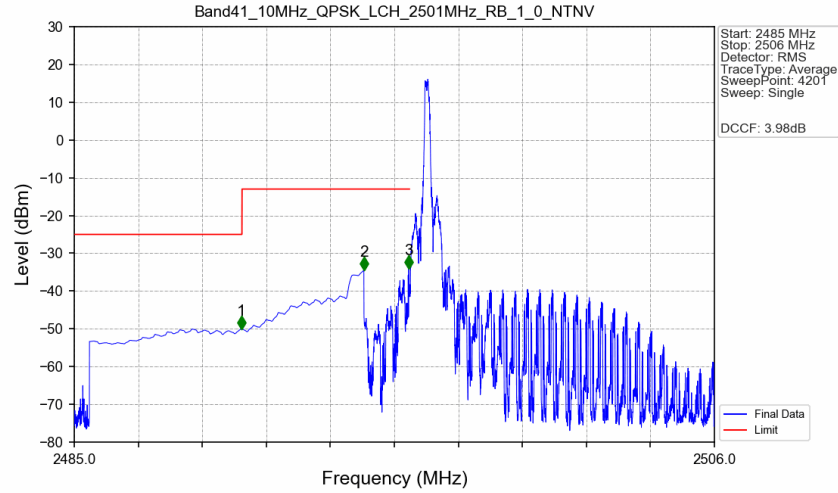
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.102	CHP	/	/	/	/	/
2690	2691	0.102	CHP	1	2690.010	-16.47	-10	Pass
2691	2695	1	CHP	2	2691.510	-11.18	-10	Pass
2695	2696	1	CHP	3	2695.005	-31.46	-13	Pass
2696	2700	1	CHP	4	2696.010	-34.20	-25	Pass

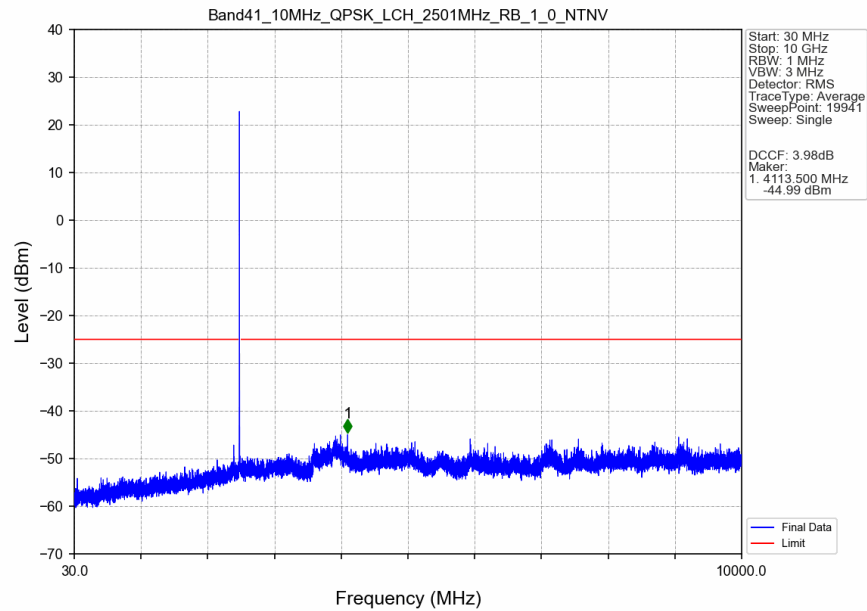
5.2.2 B41_10MHz

Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

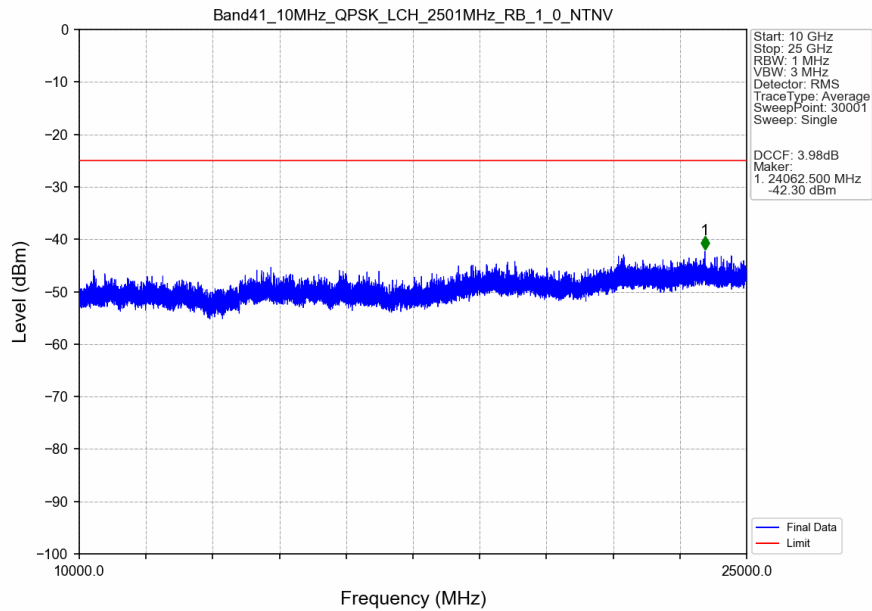


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.475	-50.02	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-34.47	-13	Pass
2495	2496	0.01	/	3	2495.975	-34.07	-13	Pass
2496	2506	0.01	/	/	/	/	/	/

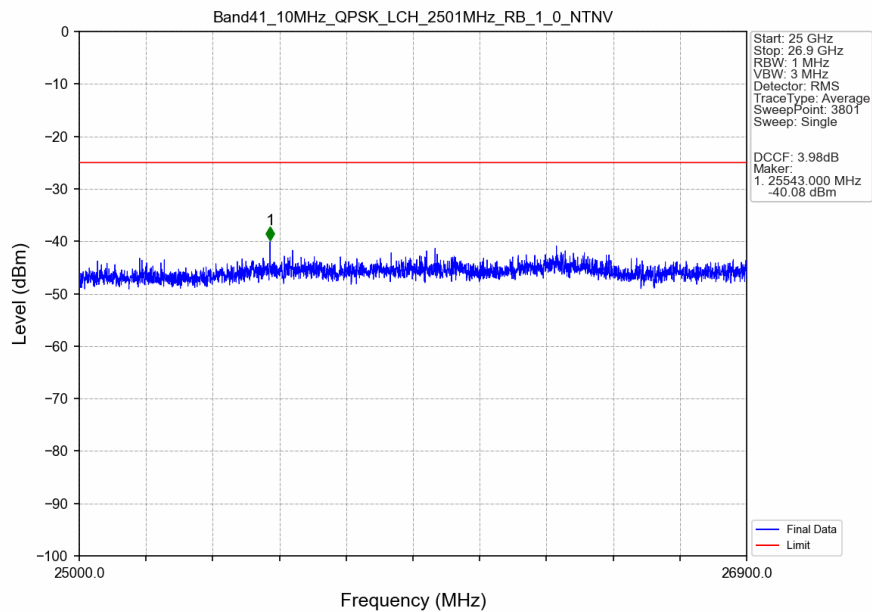
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



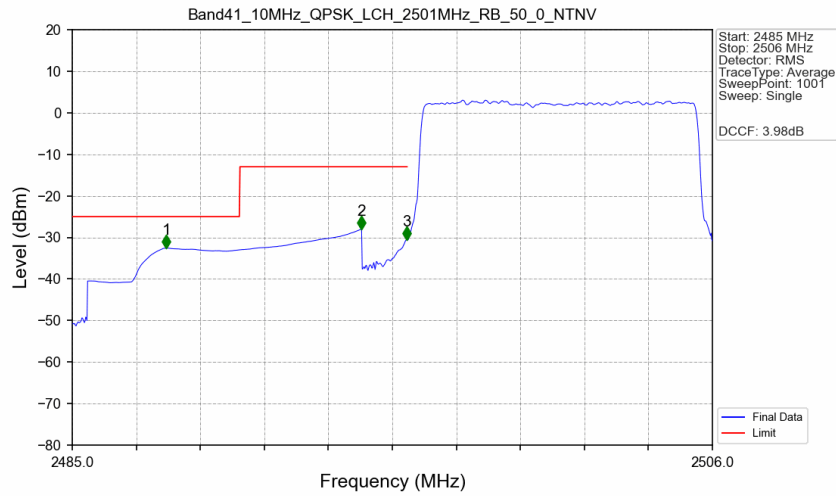
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

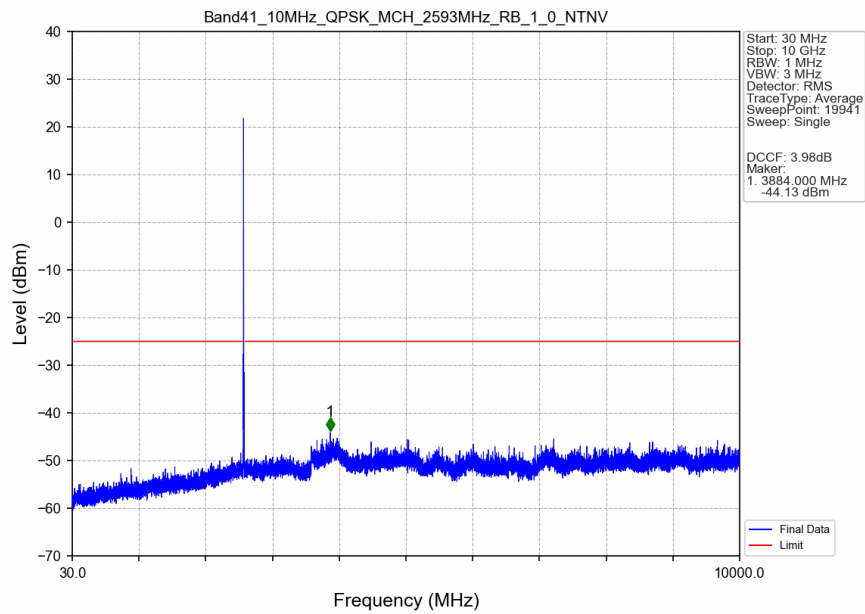


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

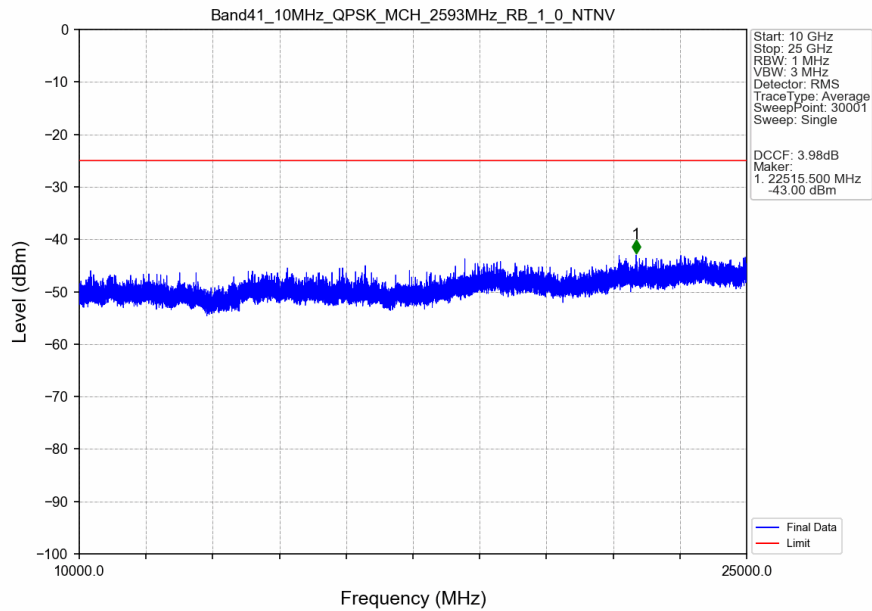


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.087	-32.56	-25	Pass
2490.5	2495	1	CHP	2	2494.492	-28.00	-13	Pass
2495	2496	0.102	CHP	3	2495.983	-30.53	-13	Pass
2496	2506	0.102	CHP	/	/	/	/	/

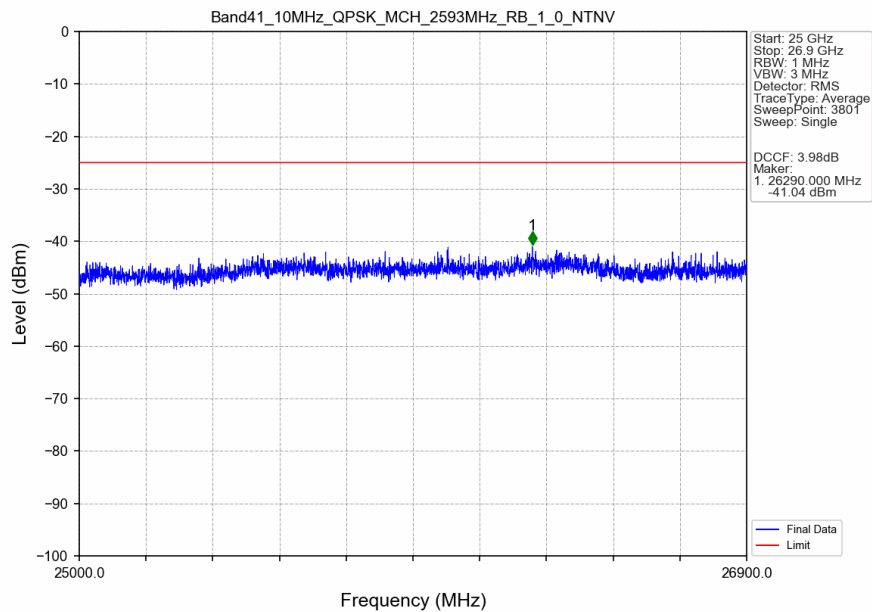
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



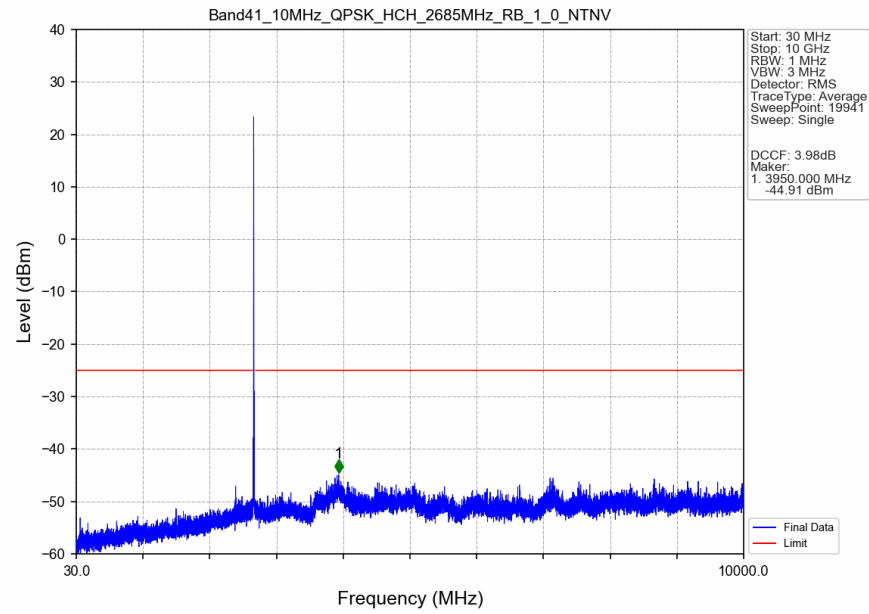
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



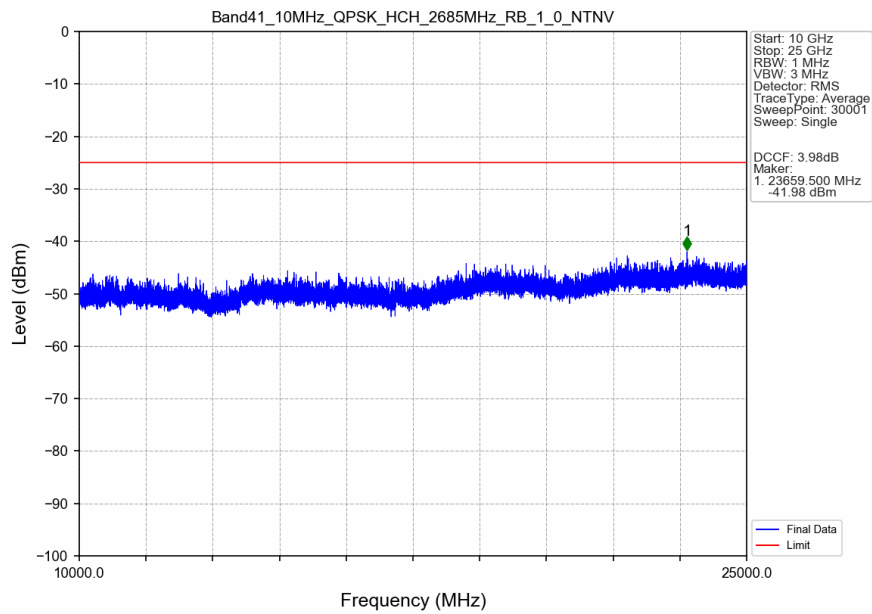
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



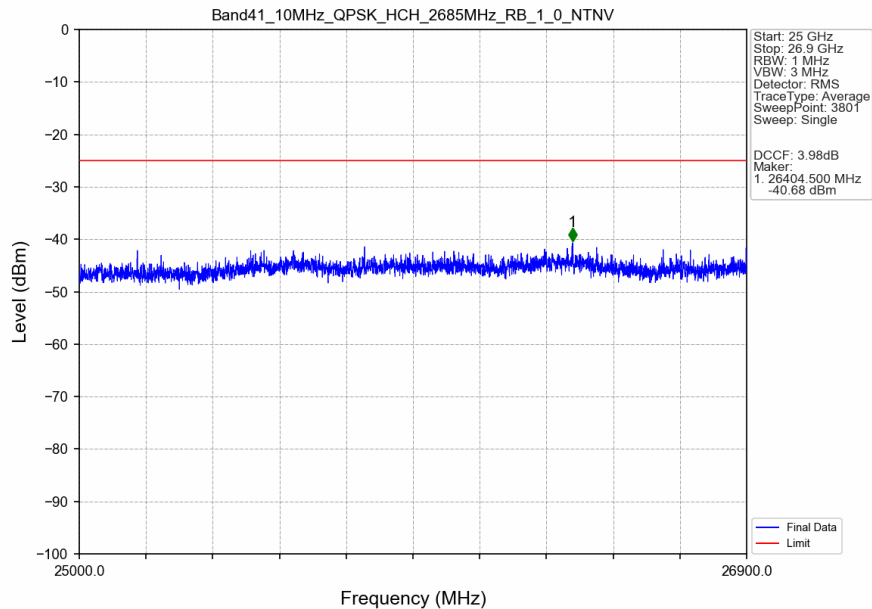
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



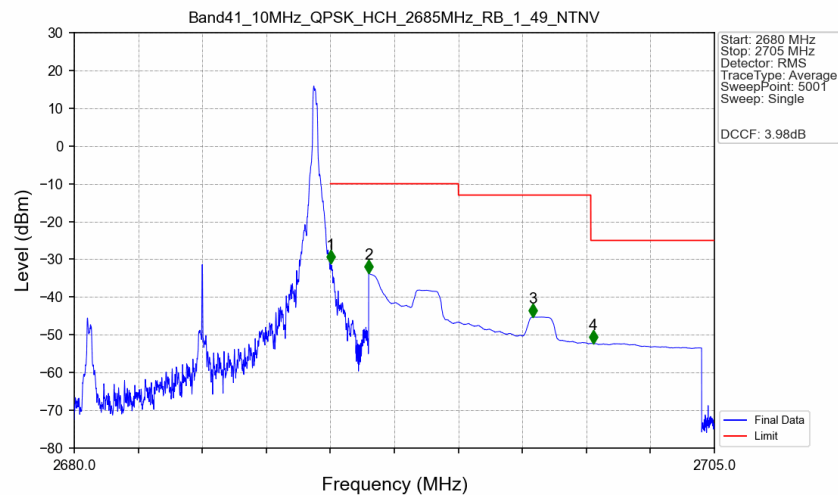
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

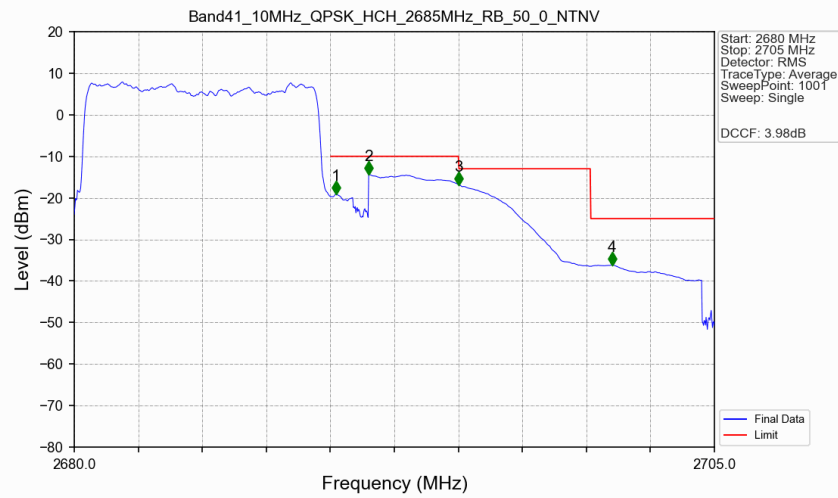


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



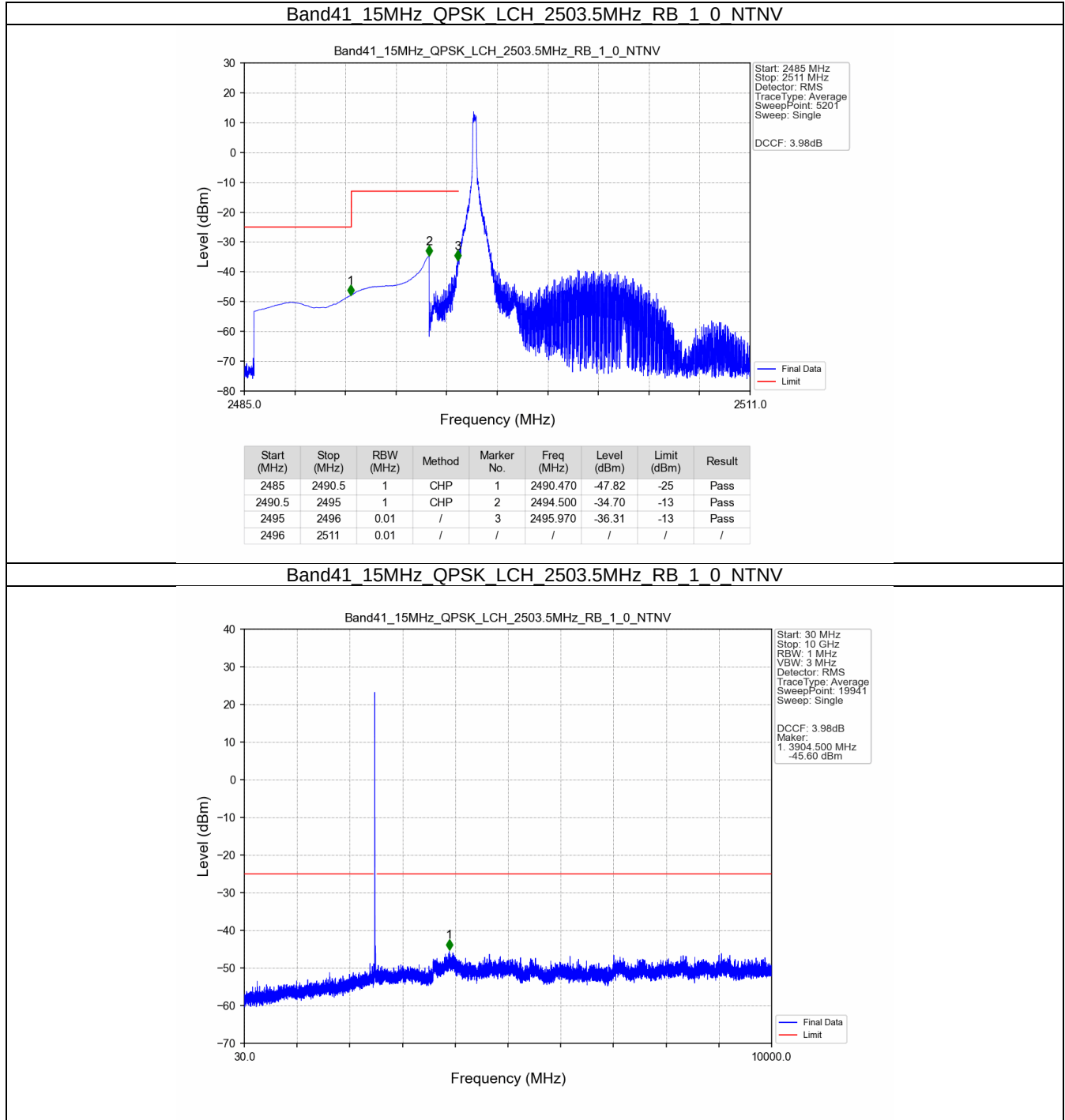
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-31.05	-10	Pass
2691	2695	1	CHP	2	2691.500	-33.74	-10	Pass
2695	2700.17	1	CHP	3	2697.915	-45.30	-13	Pass
2700.17	2705	1	CHP	4	2700.260	-52.25	-25	Pass

Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV

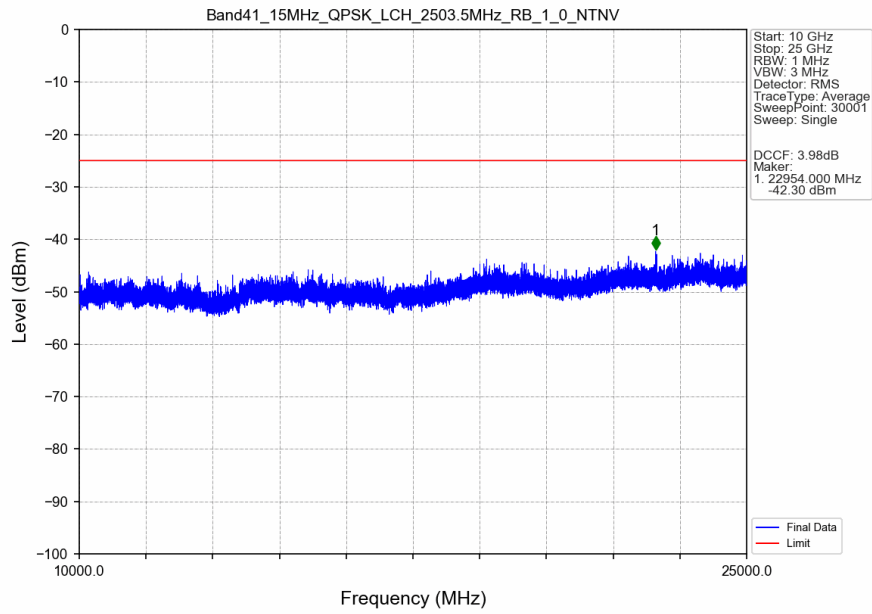


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.203	CHP	/	/	/	/	/
2690	2691	0.203	CHP	1	2690.225	-19.10	-10	Pass
2691	2695	1	CHP	2	2691.500	-14.29	-10	Pass
2695	2700.17	1	CHP	3	2695.025	-16.88	-13	Pass
2700.17	2705	1	CHP	4	2701.000	-36.15	-25	Pass

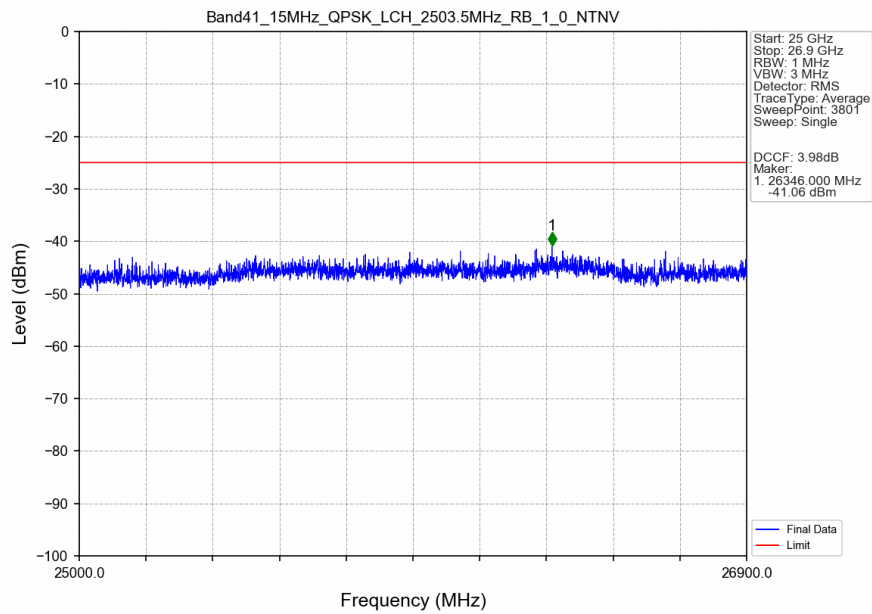
5.2.3 B41_15MHz



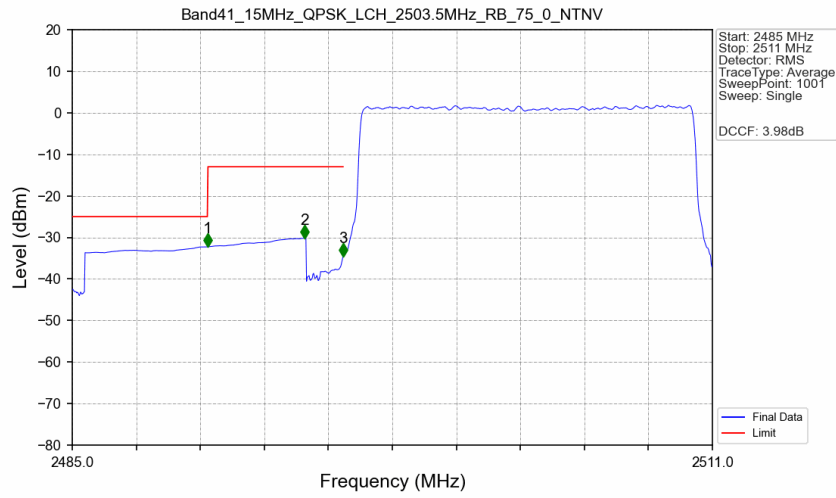
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



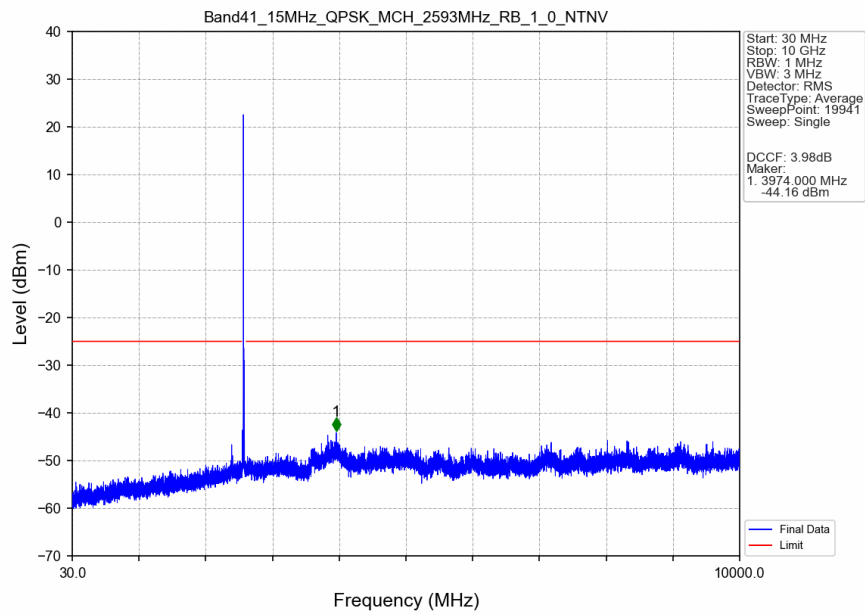
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



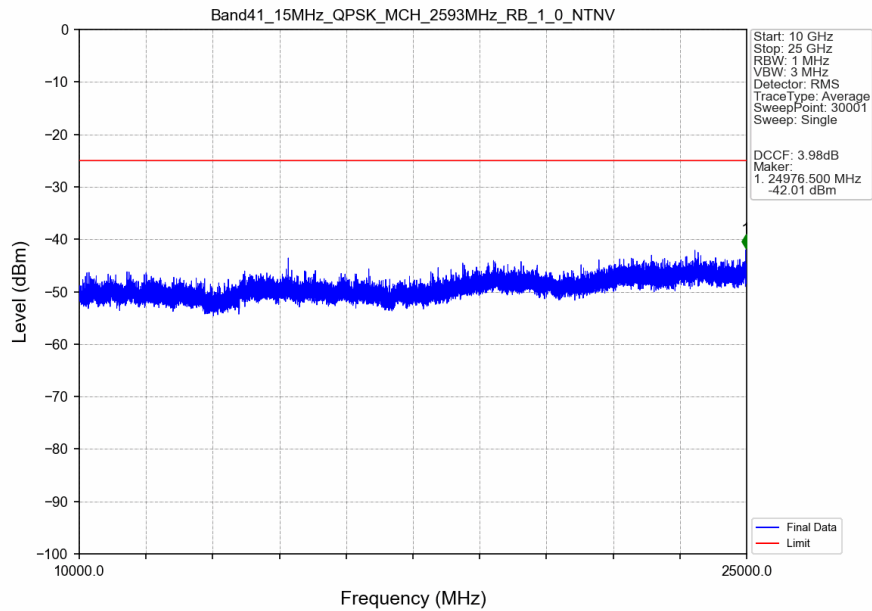
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



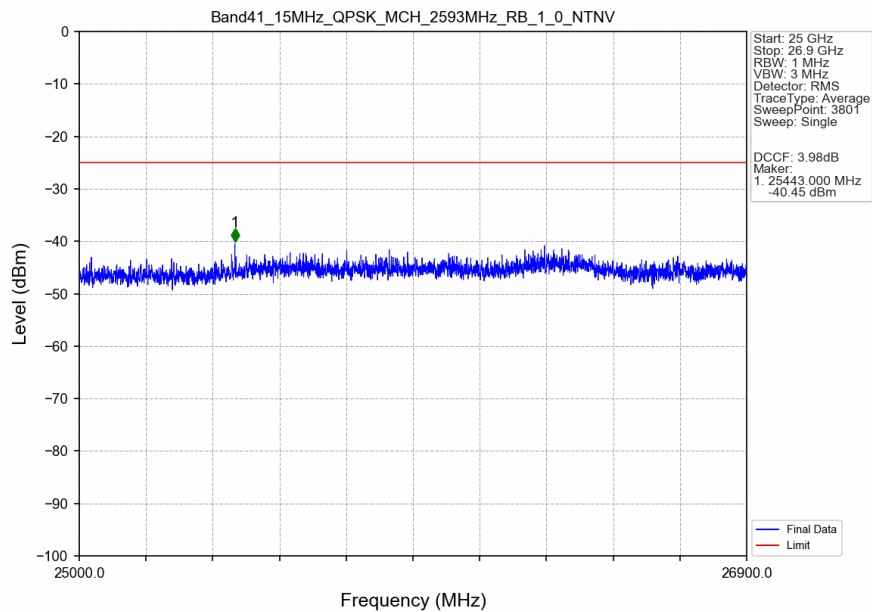
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



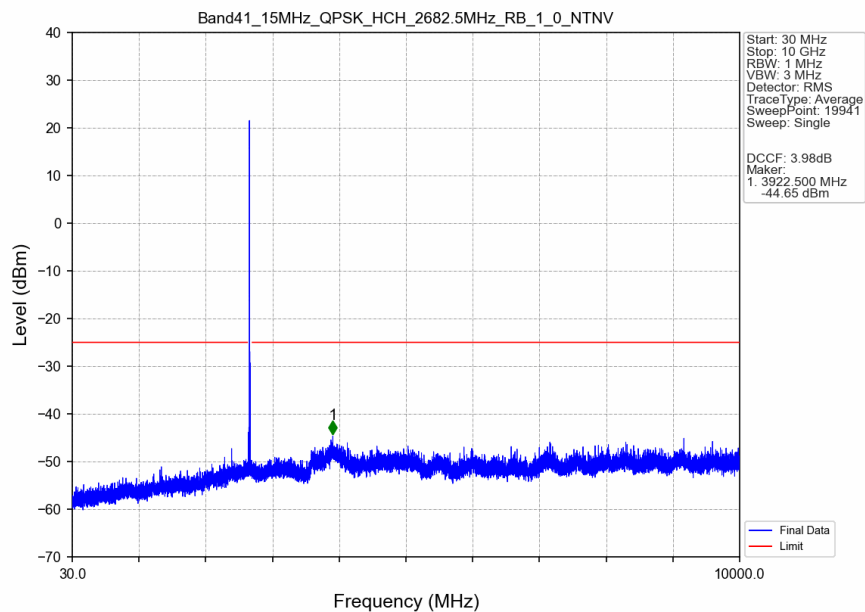
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



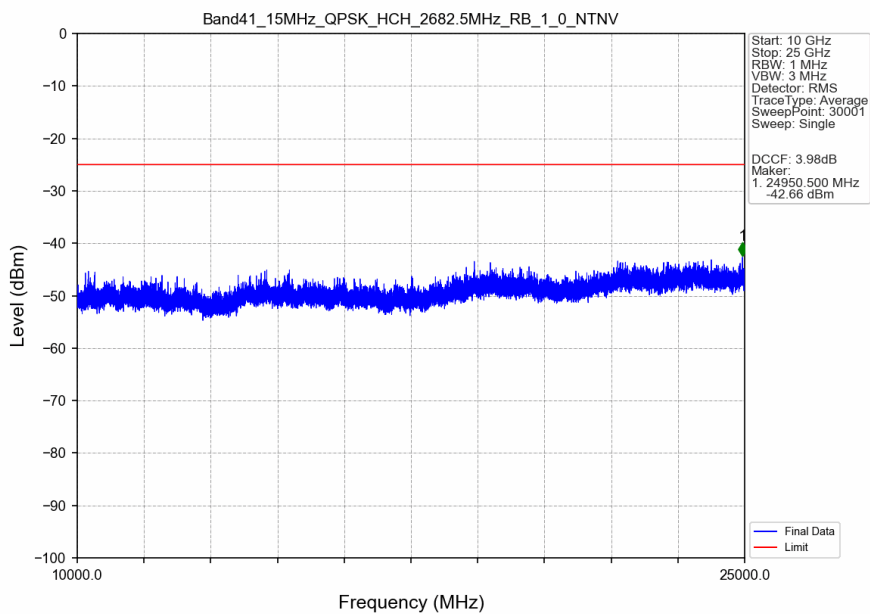
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



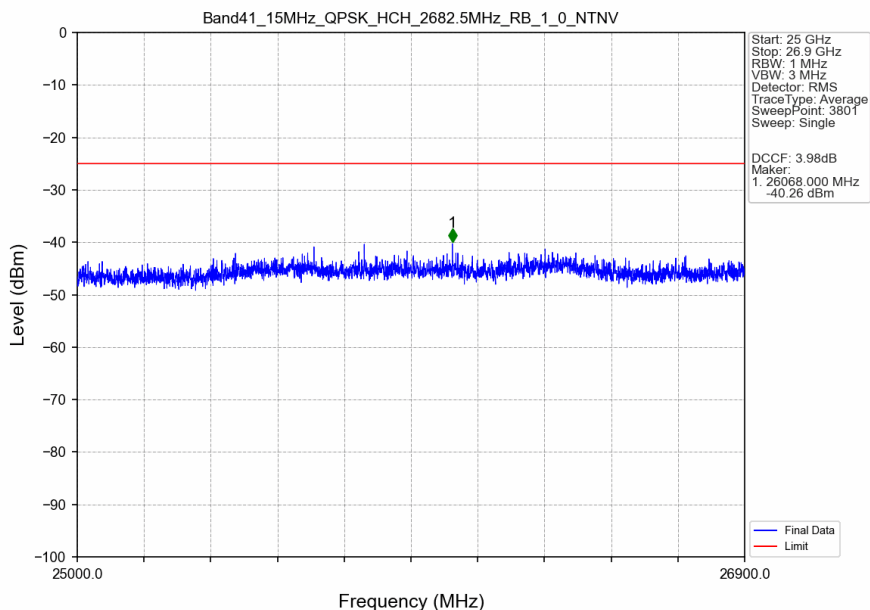
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



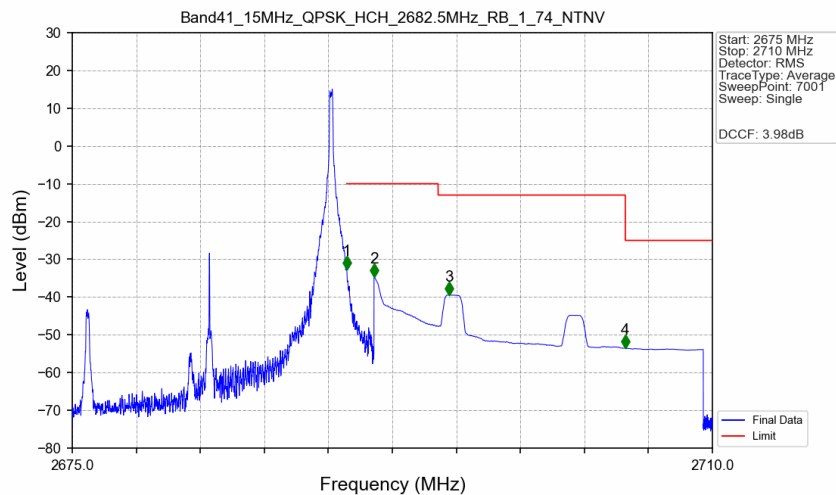
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV

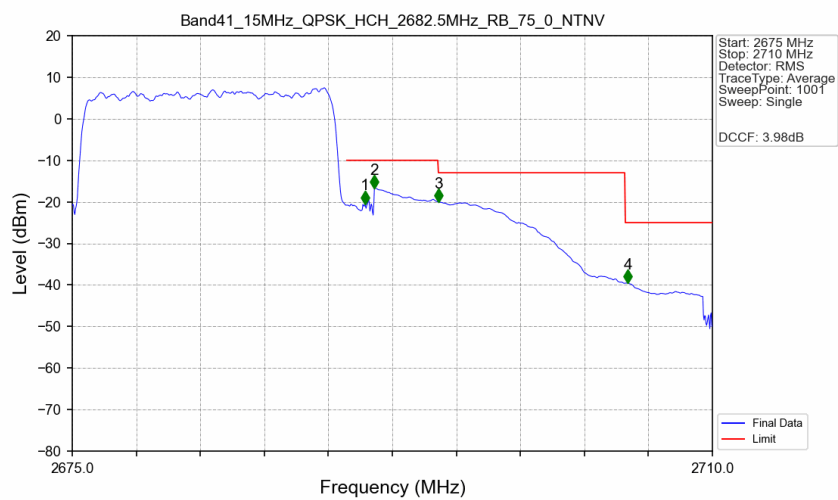


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



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	2690.005	-32.67	-10	Pass
2691	2695	1	CHP	2	2691.500	-34.74	-10	Pass
2695	2705.238	1	CHP	3	2695.610	-39.45	-13	Pass
2705.238	2710	1	CHP	4	2705.240	-53.54	-25	Pass

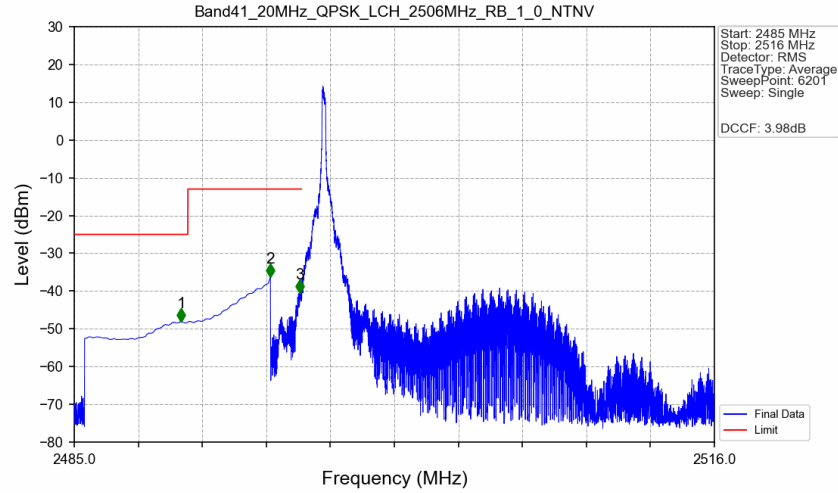
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.305	CHP	/	/	/	/	/
2690	2691	0.305	CHP	1	2690.995	-20.48	-10	Pass
2691	2695	1	CHP	2	2691.520	-16.66	-10	Pass
2695	2705.238	1	CHP	3	2695.020	-19.99	-13	Pass
2705.238	2710	1	CHP	4	2705.380	-39.53	-25	Pass

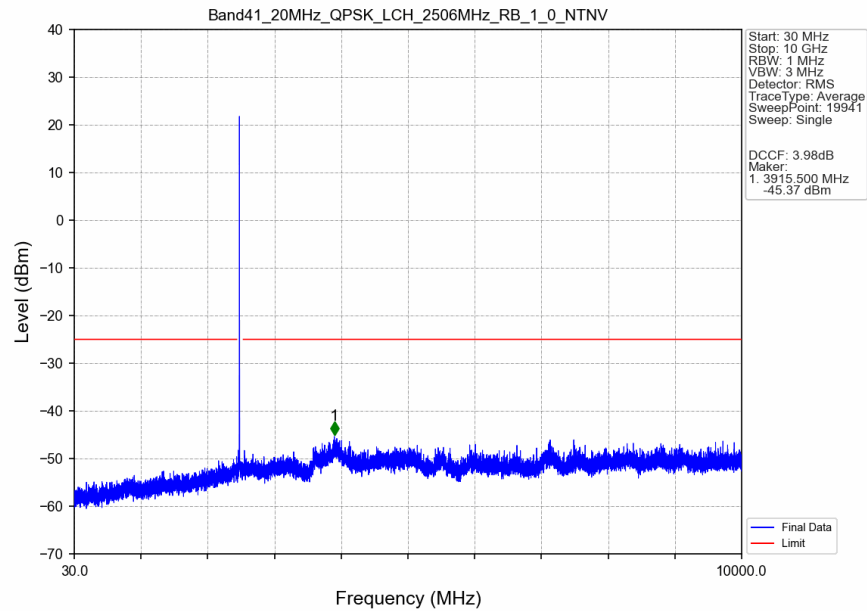
5.2.4 B41_20MHz

Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

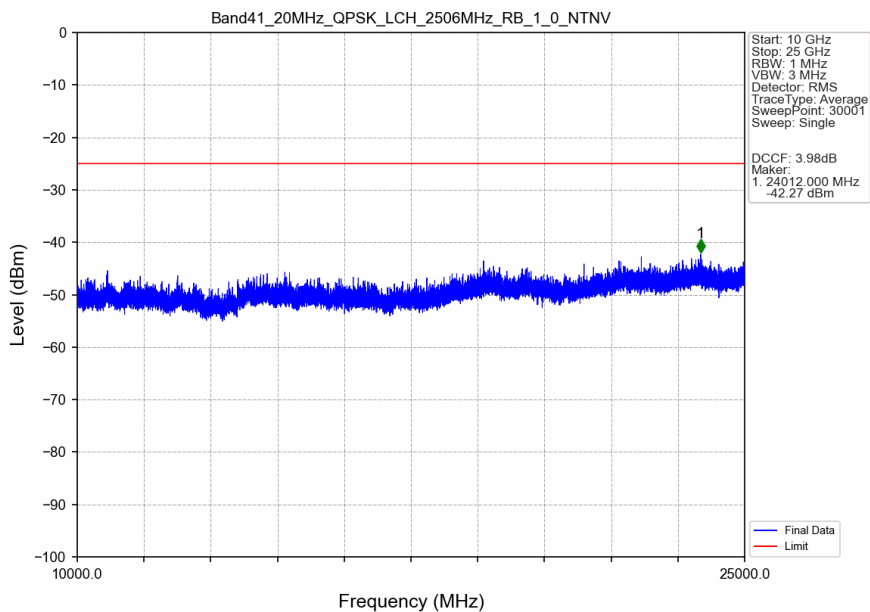


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.170	-48.10	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-36.23	-13	Pass
2495	2496	0.01	/	3	2495.930	-40.53	-13	Pass
2496	2516	0.01	/	/	/	/	/	/

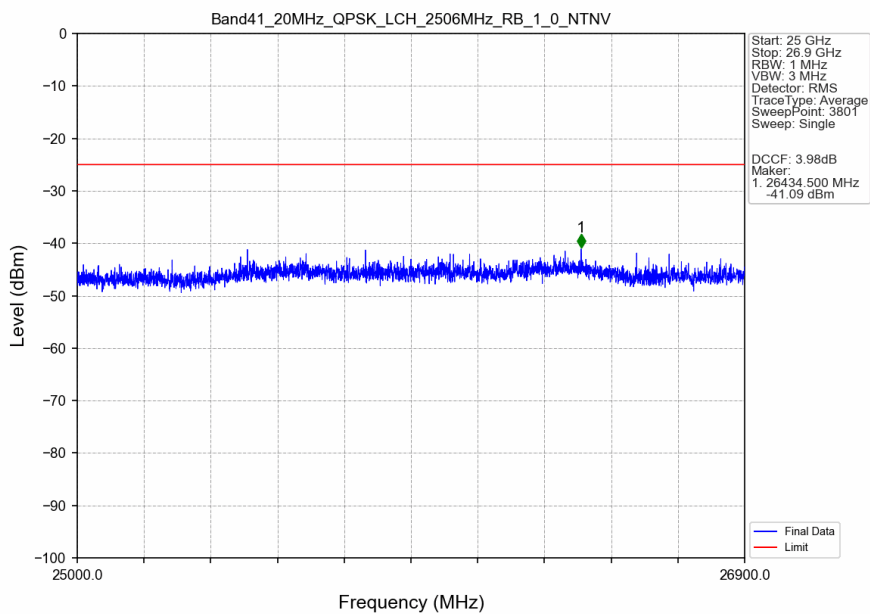
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



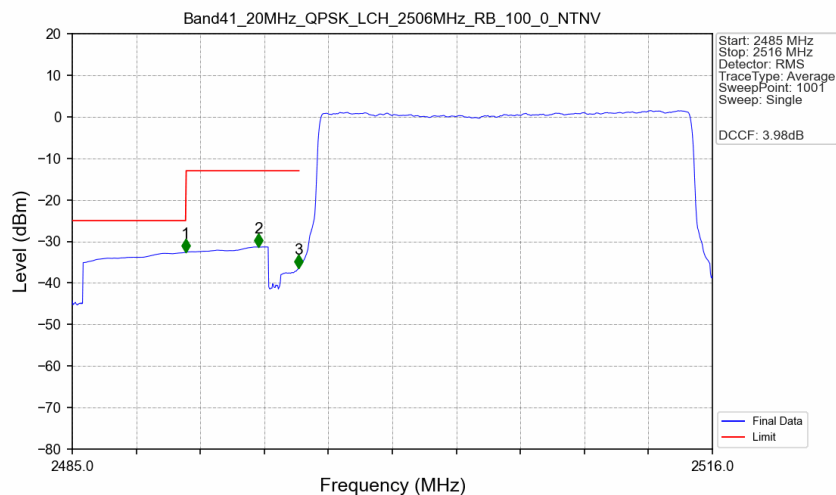
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



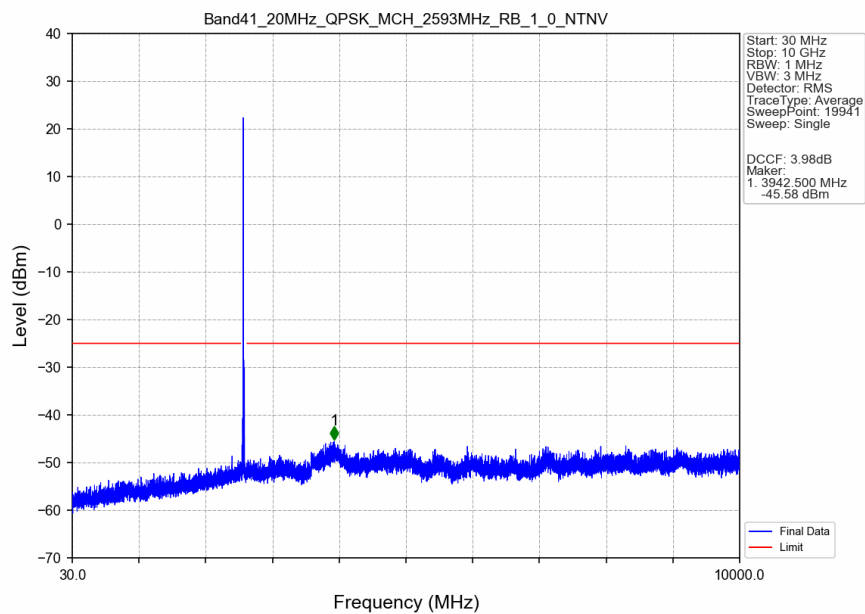
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



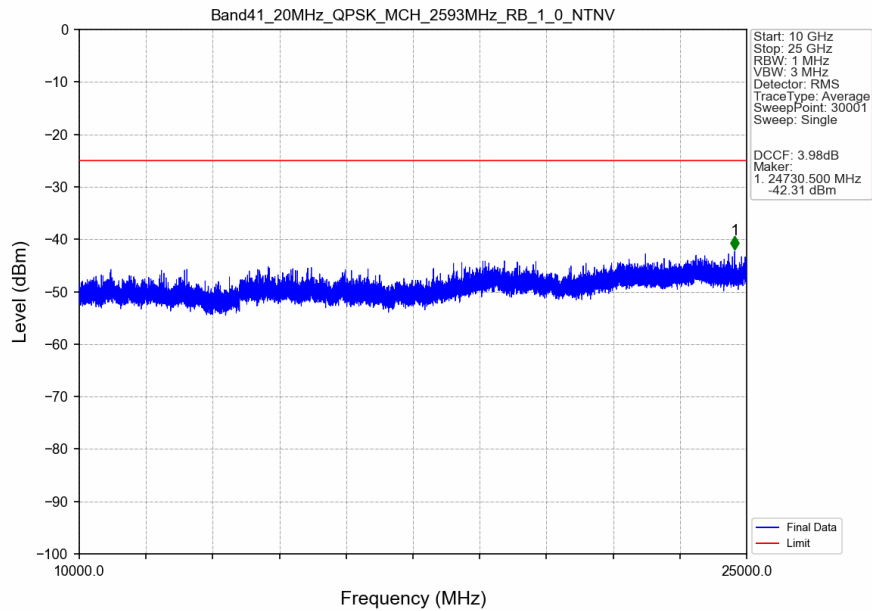
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



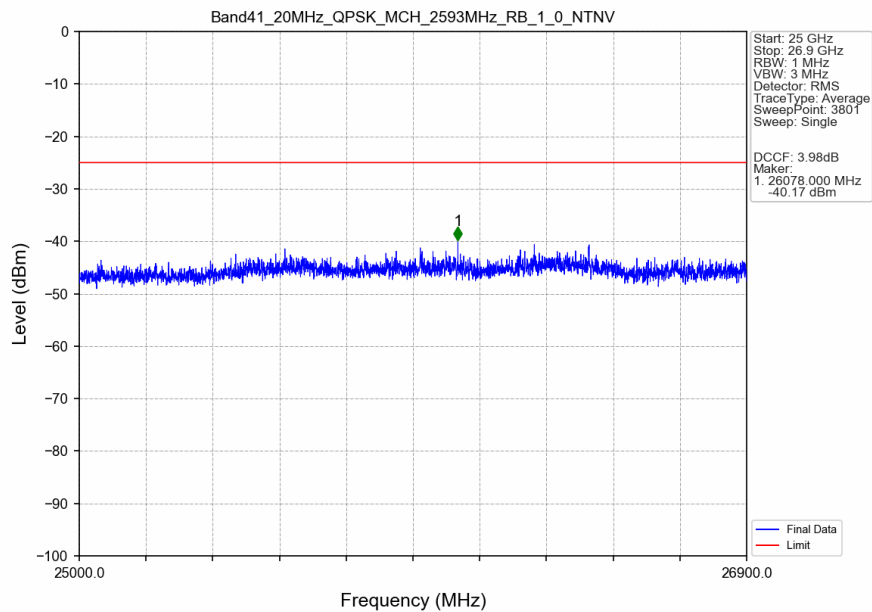
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



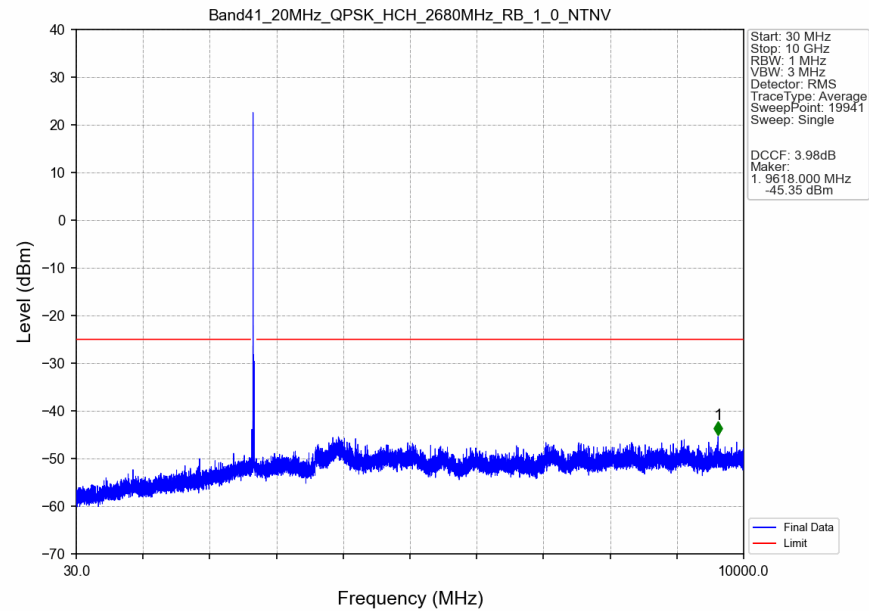
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



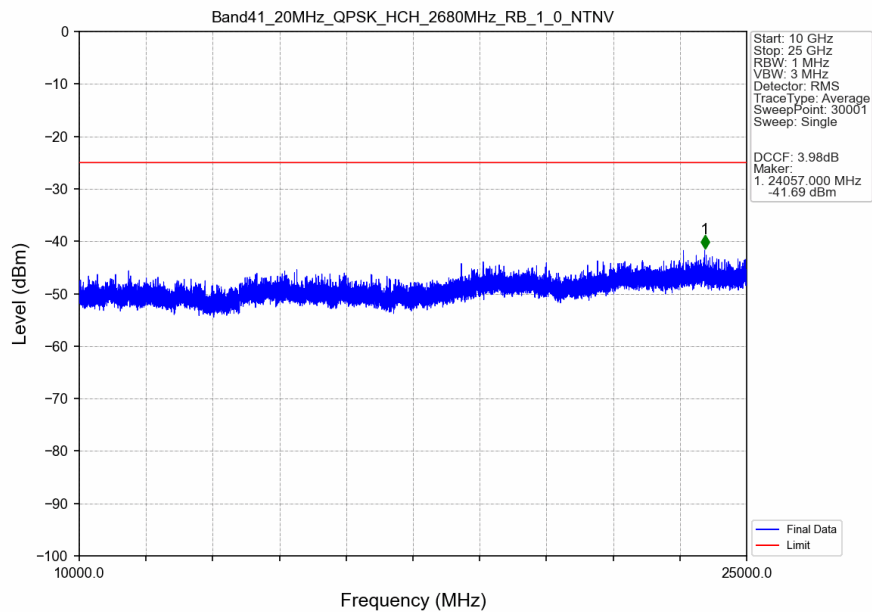
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



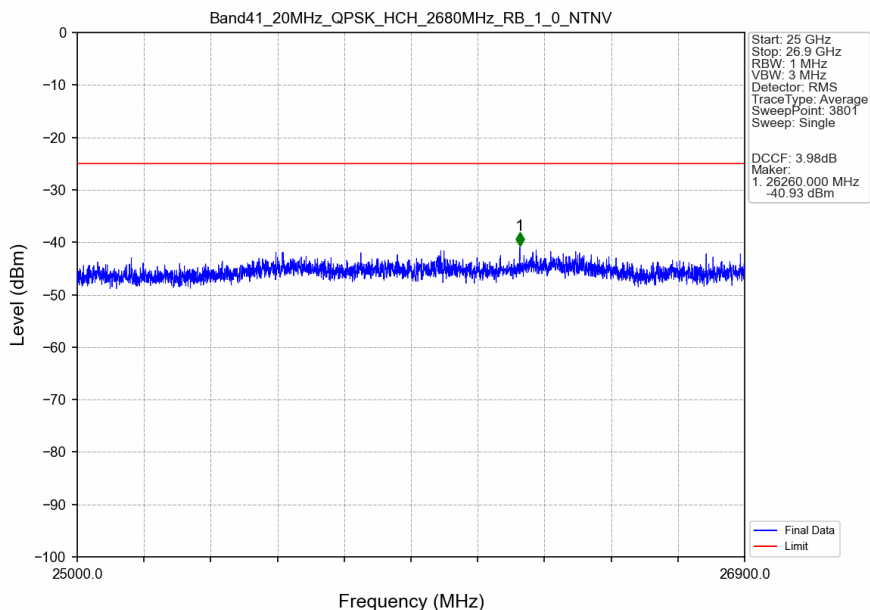
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



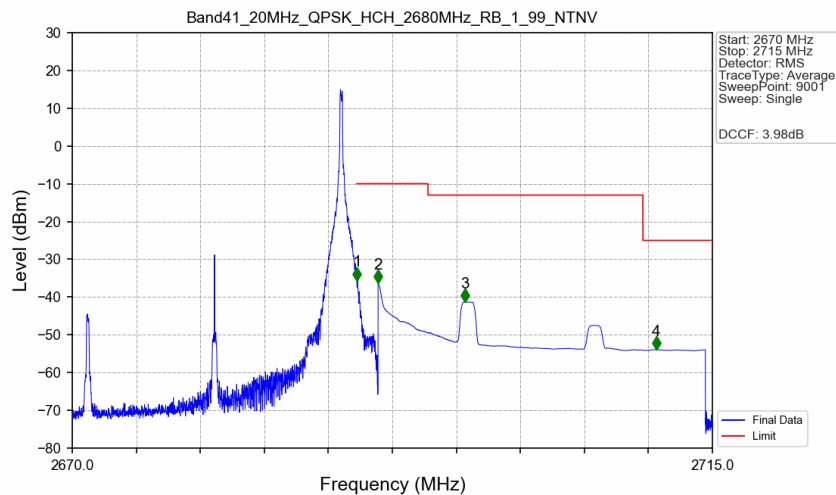
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV

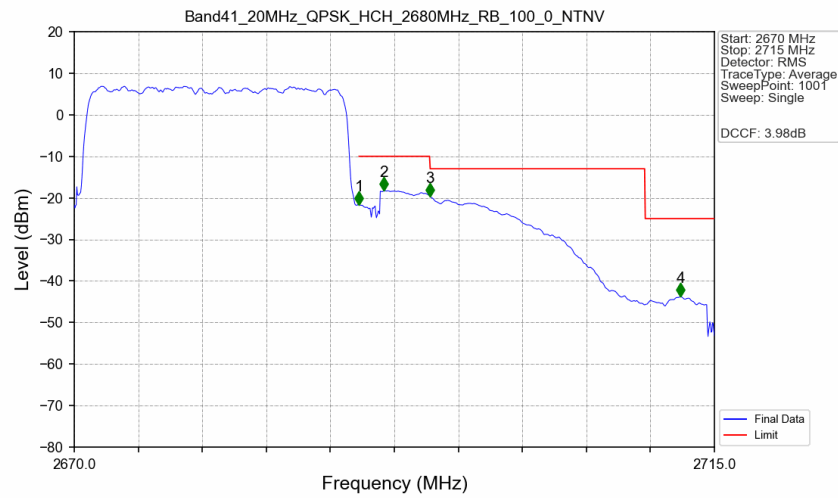


Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



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	2690.005	-35.56	-10	Pass
2691	2695	1	CHP	2	2691.500	-36.18	-10	Pass
2695	2710.11	1	CHP	3	2697.630	-41.33	-13	Pass
2710.11	2715	1	CHP	4	2711.065	-53.91	-25	Pass

Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.402	CHP	/	/	/	/	/
2690	2691	0.402	CHP	1	2690.025	-21.58	-10	Pass
2691	2695	1	CHP	2	2691.780	-18.27	-10	Pass
2695	2710.11	1	CHP	3	2695.020	-19.66	-13	Pass
2710.11	2715	1	CHP	4	2712.615	-43.72	-25	Pass