

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	25.46	0.73	26.19	<=33.01	Pass
			13	25.64	0.73	26.37	<=33.01	Pass
			24	25.58	0.73	26.31	<=33.01	Pass
		12	0	24.42	0.73	25.15	<=33.01	Pass
			6	24.50	0.73	25.23	<=33.01	Pass
			13	24.44	0.73	25.17	<=33.01	Pass
		25	0	24.44	0.73	25.17	<=33.01	Pass
	2593	1	0	25.25	0.73	25.98	<=33.01	Pass
			13	25.38	0.73	26.11	<=33.01	Pass
			24	25.15	0.73	25.88	<=33.01	Pass
		12	0	24.18	0.73	24.91	<=33.01	Pass
			6	24.21	0.73	24.94	<=33.01	Pass
			13	24.25	0.73	24.98	<=33.01	Pass
		25	0	24.14	0.73	24.87	<=33.01	Pass
	2687.5	1	0	24.90	0.73	25.63	<=33.01	Pass
			13	24.82	0.73	25.55	<=33.01	Pass
			24	25.04	0.73	25.77	<=33.01	Pass
		12	0	23.83	0.73	24.56	<=33.01	Pass
			6	23.87	0.73	24.60	<=33.01	Pass
			13	23.81	0.73	24.54	<=33.01	Pass
		25	0	23.81	0.73	24.54	<=33.01	Pass
16QAM	2498.5	1	0	24.67	0.73	25.40	<=33.01	Pass
			13	24.89	0.73	25.62	<=33.01	Pass
			24	24.64	0.73	25.37	<=33.01	Pass
		12	0	23.50	0.73	24.23	<=33.01	Pass
			6	23.58	0.73	24.31	<=33.01	Pass
			13	23.52	0.73	24.25	<=33.01	Pass
		25	0	23.46	0.73	24.19	<=33.01	Pass
	2593	1	0	24.63	0.73	25.36	<=33.01	Pass
			13	24.57	0.73	25.30	<=33.01	Pass
			24	24.51	0.73	25.24	<=33.01	Pass
		12	0	23.31	0.73	24.04	<=33.01	Pass
			6	23.25	0.73	23.98	<=33.01	Pass
			13	23.29	0.73	24.02	<=33.01	Pass
		25	0	23.20	0.73	23.93	<=33.01	Pass
	2687.5	1	0	24.26	0.73	24.99	<=33.01	Pass
			13	24.11	0.73	24.84	<=33.01	Pass
			24	24.20	0.73	24.93	<=33.01	Pass
		12	0	22.95	0.73	23.68	<=33.01	Pass
			6	22.93	0.73	23.66	<=33.01	Pass
			13	22.86	0.73	23.59	<=33.01	Pass
		25	0	22.83	0.73	23.56	<=33.01	Pass
64QAM	2498.5	1	0	24.46	0.73	25.19	<=33.01	Pass
			13	24.57	0.73	25.30	<=33.01	Pass
			24	24.49	0.73	25.22	<=33.01	Pass
		12	0	23.51	0.73	24.24	<=33.01	Pass
			6	23.51	0.73	24.24	<=33.01	Pass
			13	23.48	0.73	24.21	<=33.01	Pass
		25	0	23.53	0.73	24.26	<=33.01	Pass

	2593	1	0	24.46	0.73	25.19	<=33.01	Pass
			13	24.53	0.73	25.26	<=33.01	Pass
			24	24.36	0.73	25.09	<=33.01	Pass
		12	0	23.23	0.73	23.96	<=33.01	Pass
			6	23.23	0.73	23.96	<=33.01	Pass
			13	23.26	0.73	23.99	<=33.01	Pass
		25	0	23.17	0.73	23.90	<=33.01	Pass
	2687.5	1	0	23.89	0.73	24.62	<=33.01	Pass
			13	24.07	0.73	24.80	<=33.01	Pass
			24	23.69	0.73	24.42	<=33.01	Pass
		12	0	22.90	0.73	23.63	<=33.01	Pass
			6	22.83	0.73	23.56	<=33.01	Pass
			13	22.82	0.73	23.55	<=33.01	Pass
		25	0	22.79	0.73	23.52	<=33.01	Pass
256QAM	2498.5	1	0	20.54	0.73	21.27	<=33.01	Pass
			13	20.70	0.73	21.43	<=33.01	Pass
			24	20.30	0.73	21.03	<=33.01	Pass
		12	0	20.50	0.73	21.23	<=33.01	Pass
			6	20.51	0.73	21.24	<=33.01	Pass
			13	20.43	0.73	21.16	<=33.01	Pass
		25	0	20.48	0.73	21.21	<=33.01	Pass
	2593	1	0	20.21	0.73	20.94	<=33.01	Pass
			13	20.51	0.73	21.24	<=33.01	Pass
			24	20.25	0.73	20.98	<=33.01	Pass
		12	0	20.20	0.73	20.93	<=33.01	Pass
			6	20.26	0.73	20.99	<=33.01	Pass
			13	20.23	0.73	20.96	<=33.01	Pass
		25	0	20.19	0.73	20.92	<=33.01	Pass
	2687.5	1	0	19.87	0.73	20.60	<=33.01	Pass
			13	20.00	0.73	20.73	<=33.01	Pass
			24	19.87	0.73	20.60	<=33.01	Pass
		12	0	19.86	0.73	20.59	<=33.01	Pass
			6	19.86	0.73	20.59	<=33.01	Pass
			13	19.85	0.73	20.58	<=33.01	Pass
		25	0	19.83	0.73	20.56	<=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	25.50	0.73	26.23	<=33.01	Pass
			25	25.60	0.73	26.33	<=33.01	Pass
			49	25.60	0.73	26.33	<=33.01	Pass
		25	0	24.54	0.73	25.27	<=33.01	Pass
			13	24.52	0.73	25.25	<=33.01	Pass
			25	24.55	0.73	25.28	<=33.01	Pass
		50	0	24.58	0.73	25.31	<=33.01	Pass
	2593	1	0	25.28	0.73	26.01	<=33.01	Pass
			25	25.34	0.73	26.07	<=33.01	Pass
			49	25.30	0.73	26.03	<=33.01	Pass
		25	0	24.19	0.73	24.92	<=33.01	Pass
			13	24.20	0.73	24.93	<=33.01	Pass
			25	24.23	0.73	24.96	<=33.01	Pass
		50	0	24.16	0.73	24.89	<=33.01	Pass
	2685	1	0	24.88	0.73	25.61	<=33.01	Pass

			25	24.94	0.73	25.67	<=33.01	Pass		
			49	24.93	0.73	25.66	<=33.01	Pass		
			25	0	23.75	0.73	24.48	<=33.01	Pass	
				13	23.87	0.73	24.60	<=33.01	Pass	
				25	23.79	0.73	24.52	<=33.01	Pass	
			50	0	23.74	0.73	24.47	<=33.01	Pass	
16QAM	2501	1	0	24.86	0.73	25.59	<=33.01	Pass		
			25	25.01	0.73	25.74	<=33.01	Pass		
			49	24.76	0.73	25.49	<=33.01	Pass		
		25	0	23.59	0.73	24.32	<=33.01	Pass		
			13	23.64	0.73	24.37	<=33.01	Pass		
			25	23.61	0.73	24.34	<=33.01	Pass		
		50	0	23.60	0.73	24.33	<=33.01	Pass		
		2593	1	0	24.46	0.73	25.19	<=33.01	Pass	
				25	24.59	0.73	25.32	<=33.01	Pass	
	49			24.41	0.73	25.14	<=33.01	Pass		
	25		0	23.21	0.73	23.94	<=33.01	Pass		
			13	23.24	0.73	23.97	<=33.01	Pass		
			25	23.26	0.73	23.99	<=33.01	Pass		
	50		0	23.23	0.73	23.96	<=33.01	Pass		
	2685		1	0	24.03	0.73	24.76	<=33.01	Pass	
				25	24.03	0.73	24.76	<=33.01	Pass	
		49		24.15	0.73	24.88	<=33.01	Pass		
		25	0	22.79	0.73	23.52	<=33.01	Pass		
			13	22.87	0.73	23.60	<=33.01	Pass		
			25	22.88	0.73	23.61	<=33.01	Pass		
		50	0	22.74	0.73	23.47	<=33.01	Pass		
		64QAM	2501	1	0	24.50	0.73	25.23	<=33.01	Pass
					25	24.63	0.73	25.36	<=33.01	Pass
	49				24.39	0.73	25.12	<=33.01	Pass	
25	0			23.55	0.73	24.28	<=33.01	Pass		
	13			23.63	0.73	24.36	<=33.01	Pass		
	25			23.61	0.73	24.34	<=33.01	Pass		
50	0			23.59	0.73	24.32	<=33.01	Pass		
2593	1		0	24.41	0.73	25.14	<=33.01	Pass		
			25	24.45	0.73	25.18	<=33.01	Pass		
			49	24.23	0.73	24.96	<=33.01	Pass		
	25		0	23.19	0.73	23.92	<=33.01	Pass		
			13	23.18	0.73	23.91	<=33.01	Pass		
			25	23.27	0.73	24.00	<=33.01	Pass		
	50		0	23.24	0.73	23.97	<=33.01	Pass		
2685	1		0	23.95	0.73	24.68	<=33.01	Pass		
			25	23.95	0.73	24.68	<=33.01	Pass		
			49	23.81	0.73	24.54	<=33.01	Pass		
	25		0	22.76	0.73	23.49	<=33.01	Pass		
			13	22.87	0.73	23.60	<=33.01	Pass		
			25	22.85	0.73	23.58	<=33.01	Pass		
	50		0	22.73	0.73	23.46	<=33.01	Pass		
256QAM	2501	1	0	20.80	0.73	21.53	<=33.01	Pass		
			25	20.71	0.73	21.44	<=33.01	Pass		
			49	20.67	0.73	21.40	<=33.01	Pass		
		25	0	20.58	0.73	21.31	<=33.01	Pass		
			13	20.58	0.73	21.31	<=33.01	Pass		
			25	20.63	0.73	21.36	<=33.01	Pass		
		50	0	20.56	0.73	21.29	<=33.01	Pass		
	2593	1	0	20.28	0.73	21.01	<=33.01	Pass		
			25	20.34	0.73	21.07	<=33.01	Pass		
			49	20.25	0.73	20.98	<=33.01	Pass		
		25	0	20.22	0.73	20.95	<=33.01	Pass		

			13	20.17	0.73	20.90	<=33.01	Pass
			25	20.23	0.73	20.96	<=33.01	Pass
		50	0	20.19	0.73	20.92	<=33.01	Pass
	2685	1	0	19.93	0.73	20.66	<=33.01	Pass
			25	19.99	0.73	20.72	<=33.01	Pass
			49	19.85	0.73	20.58	<=33.01	Pass
		25	0	19.74	0.73	20.47	<=33.01	Pass
			13	19.85	0.73	20.58	<=33.01	Pass
			25	19.86	0.73	20.59	<=33.01	Pass
		50	0	19.67	0.73	20.40	<=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	25.73	0.73	26.46	<=33.01	Pass
			38	25.52	0.73	26.25	<=33.01	Pass
			74	25.54	0.73	26.27	<=33.01	Pass
		36	0	24.46	0.73	25.19	<=33.01	Pass
			18	24.50	0.73	25.23	<=33.01	Pass
			39	24.54	0.73	25.27	<=33.01	Pass
		75	0	24.57	0.73	25.30	<=33.01	Pass
	2593	1	0	25.41	0.73	26.14	<=33.01	Pass
			38	25.20	0.73	25.93	<=33.01	Pass
			74	25.10	0.73	25.83	<=33.01	Pass
		36	0	24.22	0.73	24.95	<=33.01	Pass
			18	24.18	0.73	24.91	<=33.01	Pass
			39	24.15	0.73	24.88	<=33.01	Pass
		75	0	24.19	0.73	24.92	<=33.01	Pass
	2682.5	1	0	24.74	0.73	25.47	<=33.01	Pass
			38	24.83	0.73	25.56	<=33.01	Pass
			74	24.80	0.73	25.53	<=33.01	Pass
		36	0	23.73	0.73	24.46	<=33.01	Pass
			18	23.84	0.73	24.57	<=33.01	Pass
			39	23.78	0.73	24.51	<=33.01	Pass
		75	0	23.76	0.73	24.49	<=33.01	Pass
16QAM	2503.5	1	0	24.88	0.73	25.61	<=33.01	Pass
			38	24.72	0.73	25.45	<=33.01	Pass
			74	24.88	0.73	25.61	<=33.01	Pass
		36	0	23.45	0.73	24.18	<=33.01	Pass
			18	23.59	0.73	24.32	<=33.01	Pass
			39	23.56	0.73	24.29	<=33.01	Pass
		75	0	23.55	0.73	24.28	<=33.01	Pass
	2593	1	0	24.57	0.73	25.30	<=33.01	Pass
			38	24.60	0.73	25.33	<=33.01	Pass
			74	24.33	0.73	25.06	<=33.01	Pass
		36	0	23.18	0.73	23.91	<=33.01	Pass
			18	23.22	0.73	23.95	<=33.01	Pass
			39	23.17	0.73	23.90	<=33.01	Pass
		75	0	23.10	0.73	23.83	<=33.01	Pass
	2682.5	1	0	23.92	0.73	24.65	<=33.01	Pass
			38	24.03	0.73	24.76	<=33.01	Pass
			74	23.96	0.73	24.69	<=33.01	Pass
		36	0	22.75	0.73	23.48	<=33.01	Pass
			18	22.84	0.73	23.57	<=33.01	Pass

			39	22.77	0.73	23.50	<=33.01	Pass	
		75	0	22.76	0.73	23.49	<=33.01	Pass	
64QAM	2503.5	1	0	24.66	0.73	25.39	<=33.01	Pass	
			38	24.70	0.73	25.43	<=33.01	Pass	
			74	24.73	0.73	25.46	<=33.01	Pass	
			0	23.49	0.73	24.22	<=33.01	Pass	
		36	18	23.62	0.73	24.35	<=33.01	Pass	
			39	23.59	0.73	24.32	<=33.01	Pass	
			75	0	23.59	0.73	24.32	<=33.01	Pass
		2593	1	0	24.44	0.73	25.17	<=33.01	Pass
				38	24.36	0.73	25.09	<=33.01	Pass
	74			24.27	0.73	25.00	<=33.01	Pass	
	0			23.24	0.73	23.97	<=33.01	Pass	
	36		18	23.20	0.73	23.93	<=33.01	Pass	
			39	23.24	0.73	23.97	<=33.01	Pass	
			75	0	23.22	0.73	23.95	<=33.01	Pass
	2682.5		1	0	23.81	0.73	24.54	<=33.01	Pass
				38	23.98	0.73	24.71	<=33.01	Pass
		74		23.94	0.73	24.67	<=33.01	Pass	
		0		22.71	0.73	23.44	<=33.01	Pass	
		36	18	22.84	0.73	23.57	<=33.01	Pass	
			39	22.76	0.73	23.49	<=33.01	Pass	
			75	0	22.80	0.73	23.53	<=33.01	Pass
		256QAM	2503.5	1	0	20.34	0.73	21.07	<=33.01
38					20.76	0.73	21.49	<=33.01	Pass
74	20.39				0.73	21.12	<=33.01	Pass	
36	0			20.44	0.73	21.17	<=33.01	Pass	
	18			20.53	0.73	21.26	<=33.01	Pass	
	39			20.56	0.73	21.29	<=33.01	Pass	
75	0			20.58	0.73	21.31	<=33.01	Pass	
2593	1		0	20.21	0.73	20.94	<=33.01	Pass	
			38	20.39	0.73	21.12	<=33.01	Pass	
			74	20.19	0.73	20.92	<=33.01	Pass	
	36		0	20.16	0.73	20.89	<=33.01	Pass	
			18	20.18	0.73	20.91	<=33.01	Pass	
			39	20.15	0.73	20.88	<=33.01	Pass	
	75		0	20.18	0.73	20.91	<=33.01	Pass	
2682.5	1		0	19.75	0.73	20.48	<=33.01	Pass	
			38	19.94	0.73	20.67	<=33.01	Pass	
			74	19.86	0.73	20.59	<=33.01	Pass	
	36		0	19.70	0.73	20.43	<=33.01	Pass	
			18	19.82	0.73	20.55	<=33.01	Pass	
			39	19.78	0.73	20.51	<=33.01	Pass	
	75		0	19.81	0.73	20.54	<=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	25.54	0.73	26.27	<=33.01	Pass
			50	25.61	0.73	26.34	<=33.01	Pass
			99	25.59	0.73	26.32	<=33.01	Pass
		50	0	24.46	0.73	25.19	<=33.01	Pass
			25	24.55	0.73	25.28	<=33.01	Pass
			50	24.54	0.73	25.27	<=33.01	Pass

		100	0	24.58	0.73	25.31	<=33.01	Pass
	2593	1	0	25.23	0.73	25.96	<=33.01	Pass
			50	25.27	0.73	26.00	<=33.01	Pass
			99	25.03	0.73	25.76	<=33.01	Pass
			0	24.20	0.73	24.93	<=33.01	Pass
		50	25	24.23	0.73	24.96	<=33.01	Pass
			50	24.19	0.73	24.92	<=33.01	Pass
			100	0	24.17	0.73	24.90	<=33.01
	2680	1	0	24.96	0.73	25.69	<=33.01	Pass
			50	24.81	0.73	25.54	<=33.01	Pass
			99	24.93	0.73	25.66	<=33.01	Pass
		50	0	23.73	0.73	24.46	<=33.01	Pass
			25	23.75	0.73	24.48	<=33.01	Pass
			50	23.77	0.73	24.50	<=33.01	Pass
		100	0	23.74	0.73	24.47	<=33.01	Pass
	16QAM	2506	1	0	24.70	0.73	25.43	<=33.01
50				24.98	0.73	25.71	<=33.01	Pass
99				24.80	0.73	25.53	<=33.01	Pass
50			0	23.52	0.73	24.25	<=33.01	Pass
			25	23.58	0.73	24.31	<=33.01	Pass
			50	23.58	0.73	24.31	<=33.01	Pass
100			0	23.54	0.73	24.27	<=33.01	Pass
2593		1	0	24.50	0.73	25.23	<=33.01	Pass
			50	24.65	0.73	25.38	<=33.01	Pass
			99	24.31	0.73	25.04	<=33.01	Pass
		50	0	23.21	0.73	23.94	<=33.01	Pass
			25	23.17	0.73	23.90	<=33.01	Pass
			50	23.17	0.73	23.90	<=33.01	Pass
100		0	23.16	0.73	23.89	<=33.01	Pass	
2680		1	0	23.97	0.73	24.70	<=33.01	Pass
			50	24.25	0.73	24.98	<=33.01	Pass
			99	24.07	0.73	24.80	<=33.01	Pass
		50	0	22.73	0.73	23.46	<=33.01	Pass
			25	22.78	0.73	23.51	<=33.01	Pass
			50	22.78	0.73	23.51	<=33.01	Pass
		100	0	22.69	0.73	23.42	<=33.01	Pass
64QAM		2506	1	0	24.67	0.73	25.40	<=33.01
	50			24.73	0.73	25.46	<=33.01	Pass
	99			24.60	0.73	25.33	<=33.01	Pass
	50		0	23.52	0.73	24.25	<=33.01	Pass
			25	23.63	0.73	24.36	<=33.01	Pass
			50	23.56	0.73	24.29	<=33.01	Pass
	100		0	23.51	0.73	24.24	<=33.01	Pass
	2593	1	0	24.63	0.73	25.36	<=33.01	Pass
			50	24.41	0.73	25.14	<=33.01	Pass
			99	24.21	0.73	24.94	<=33.01	Pass
		50	0	23.23	0.73	23.96	<=33.01	Pass
			25	23.17	0.73	23.90	<=33.01	Pass
			50	23.27	0.73	24.00	<=33.01	Pass
	100	0	23.13	0.73	23.86	<=33.01	Pass	
	2680	1	0	23.79	0.73	24.52	<=33.01	Pass
			50	23.94	0.73	24.67	<=33.01	Pass
99			23.91	0.73	24.64	<=33.01	Pass	
50		0	22.73	0.73	23.46	<=33.01	Pass	
		25	22.73	0.73	23.46	<=33.01	Pass	
		50	22.73	0.73	23.46	<=33.01	Pass	
100		0	22.74	0.73	23.47	<=33.01	Pass	
256QAM	2506	1	0	20.64	0.73	21.37	<=33.01	Pass
			50	20.50	0.73	21.23	<=33.01	Pass

			99	20.60	0.73	21.33	<=33.01	Pass
		50	0	20.50	0.73	21.23	<=33.01	Pass
			25	20.60	0.73	21.33	<=33.01	Pass
			50	20.53	0.73	21.26	<=33.01	Pass
		100	0	20.53	0.73	21.26	<=33.01	Pass
	2593	1	0	20.27	0.73	21.00	<=33.01	Pass
			50	20.48	0.73	21.21	<=33.01	Pass
			99	20.15	0.73	20.88	<=33.01	Pass
		50	0	20.18	0.73	20.91	<=33.01	Pass
			25	20.20	0.73	20.93	<=33.01	Pass
			50	20.16	0.73	20.89	<=33.01	Pass
		100	0	20.13	0.73	20.86	<=33.01	Pass
	2680	1	0	19.97	0.73	20.70	<=33.01	Pass
			50	20.04	0.73	20.77	<=33.01	Pass
			99	19.84	0.73	20.57	<=33.01	Pass
		50	0	19.76	0.73	20.49	<=33.01	Pass
			25	19.70	0.73	20.43	<=33.01	Pass
			50	19.79	0.73	20.52	<=33.01	Pass
		100	0	19.69	0.73	20.42	<=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 (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2593	50	0	20	LV	0.100	0.0000	-2.5 to 2.5	Pass
					HV	1.500	0.0006	-2.5 to 2.5	Pass
					NV	1.700	0.0007	-2.5 to 2.5	Pass
				-30	NV	1.200	0.0005	-2.5 to 2.5	Pass
				-20	NV	1.800	0.0007	-2.5 to 2.5	Pass
				-10	NV	0.700	0.0003	-2.5 to 2.5	Pass
				0	NV	-0.400	-0.0002	-2.5 to 2.5	Pass
				10	NV	-0.700	-0.0003	-2.5 to 2.5	Pass
				30	NV	-0.100	0.0000	-2.5 to 2.5	Pass
				40	NV	0.200	0.0001	-2.5 to 2.5	Pass
				50	NV	1.900	0.0007	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

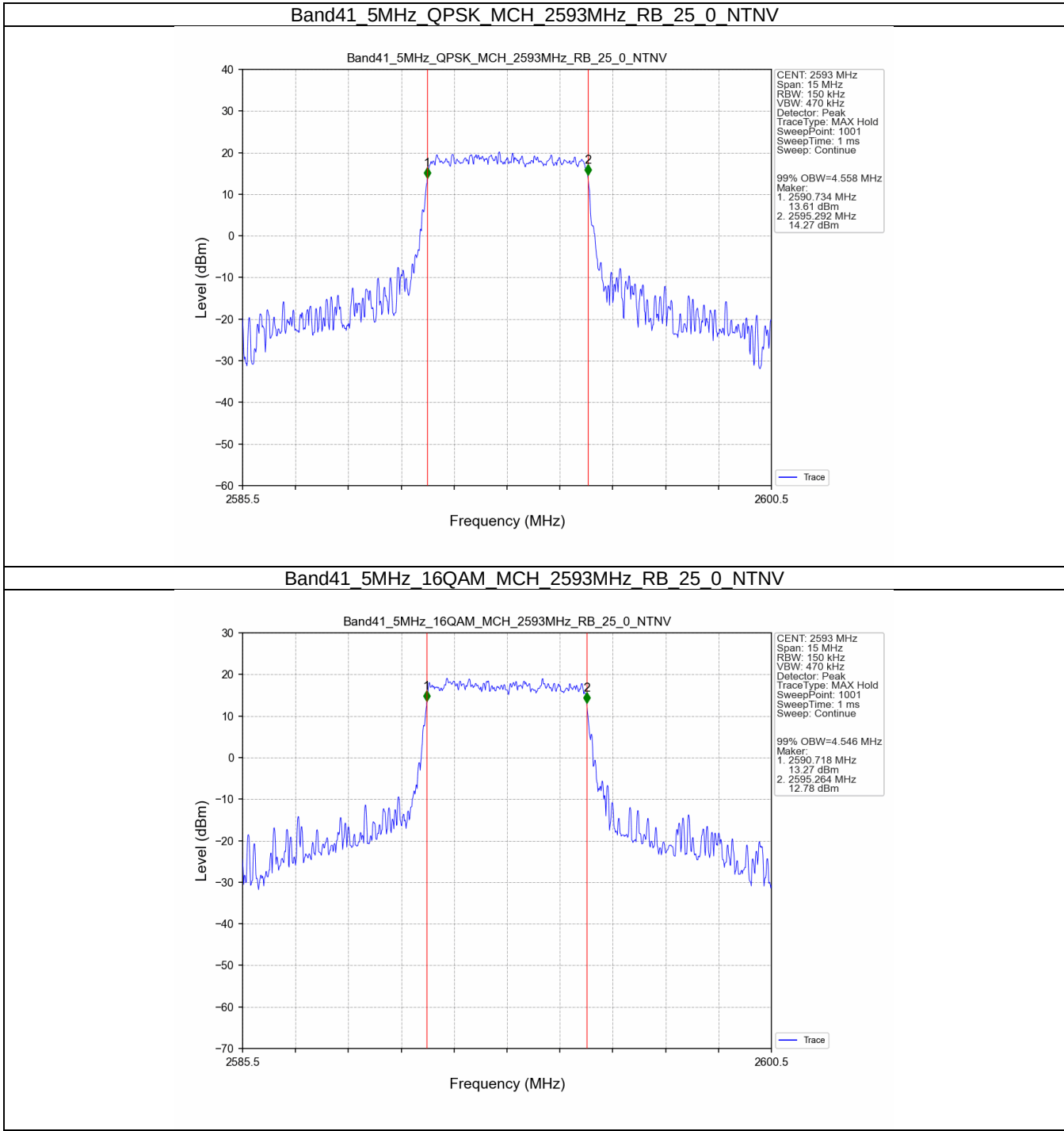
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.558	/	Pass
	16QAM	2593	25	0	4.546	/	Pass
10	QPSK	2593	50	0	9.080	/	Pass
	16QAM	2593	50	0	9.088	/	Pass
15	QPSK	2593	75	0	13.610	/	Pass
	16QAM	2593	75	0	13.620	/	Pass
20	QPSK	2593	100	0	18.128	/	Pass
	16QAM	2593	100	0	18.076	/	Pass

3.1.2 Band41_XDB

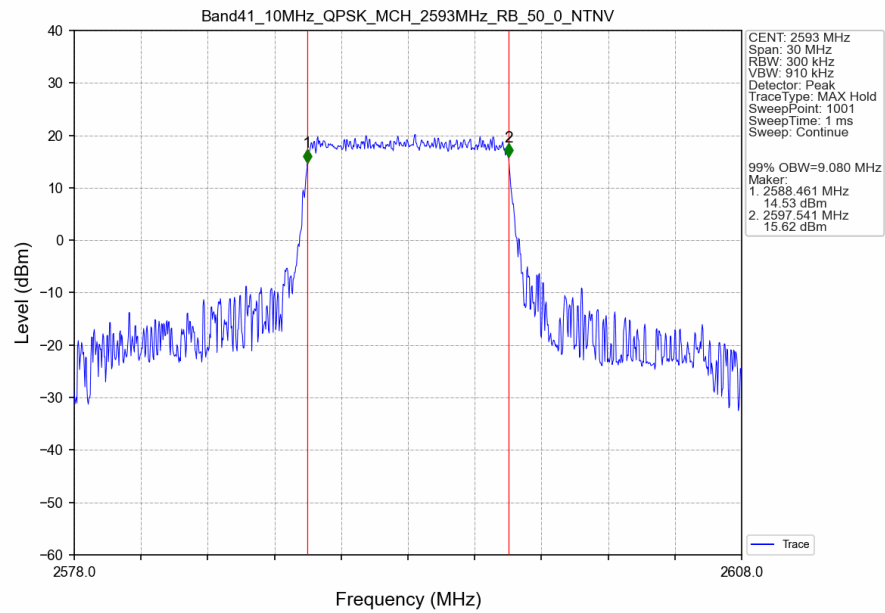
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.183	/	Pass
	16QAM	2593	25	0	5.449	/	Pass
10	QPSK	2593	50	0	10.905	/	Pass
	16QAM	2593	50	0	10.962	/	Pass
15	QPSK	2593	75	0	16.327	/	Pass
	16QAM	2593	75	0	16.769	/	Pass
20	QPSK	2593	100	0	20.205	/	Pass
	16QAM	2593	100	0	22.060	/	Pass

3.2 Test Graph

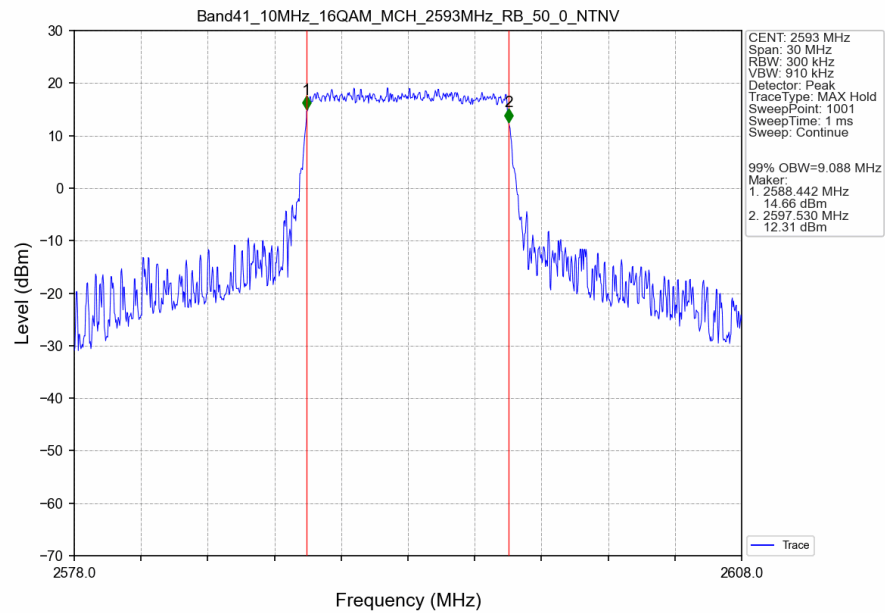
3.2.1 Band41_OBW



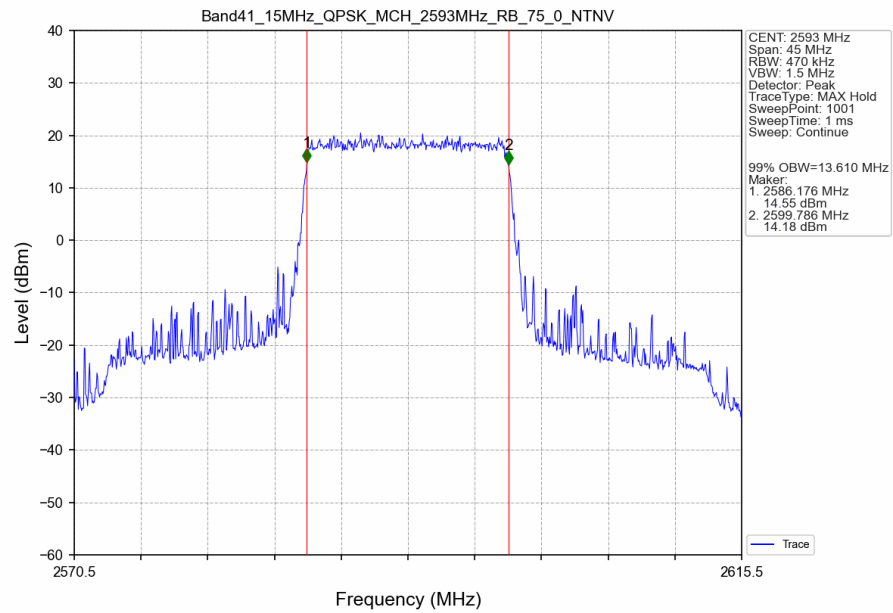
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



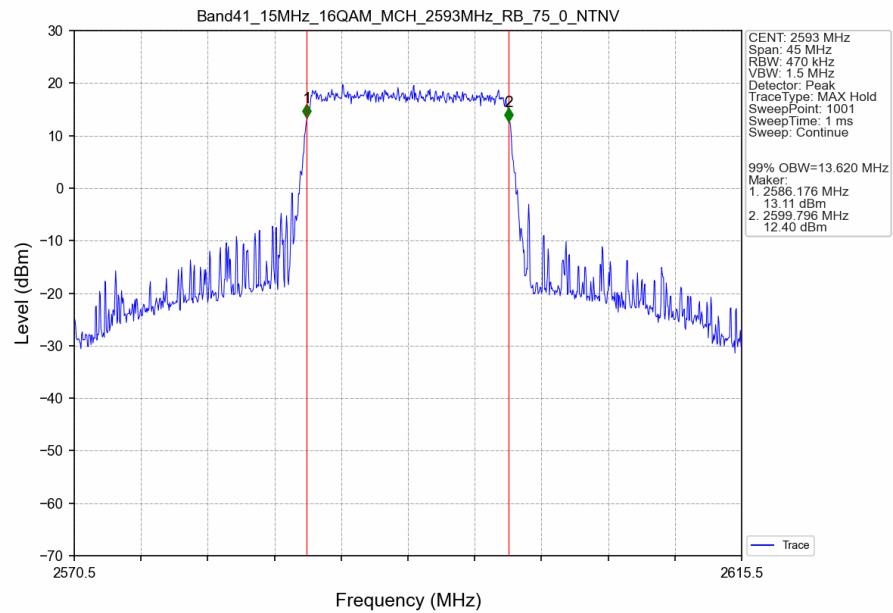
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



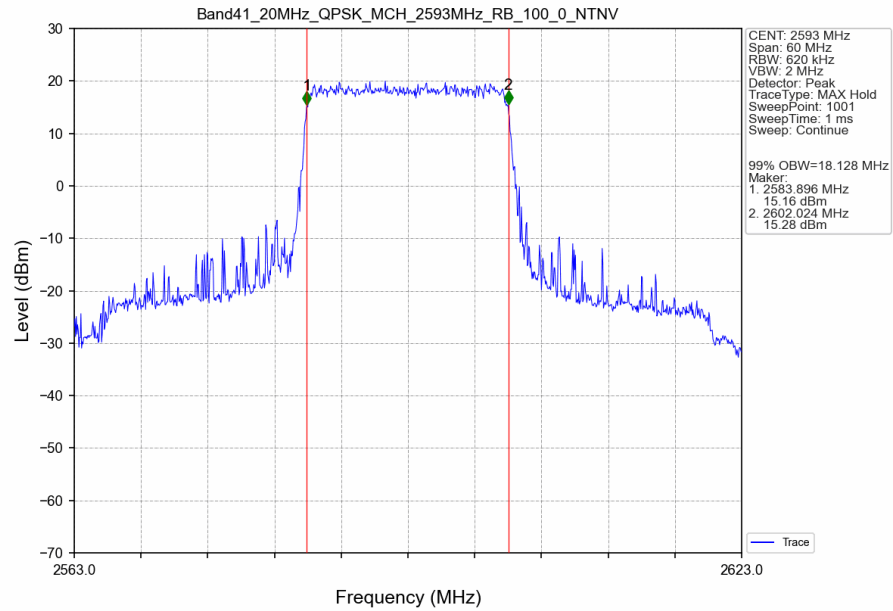
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



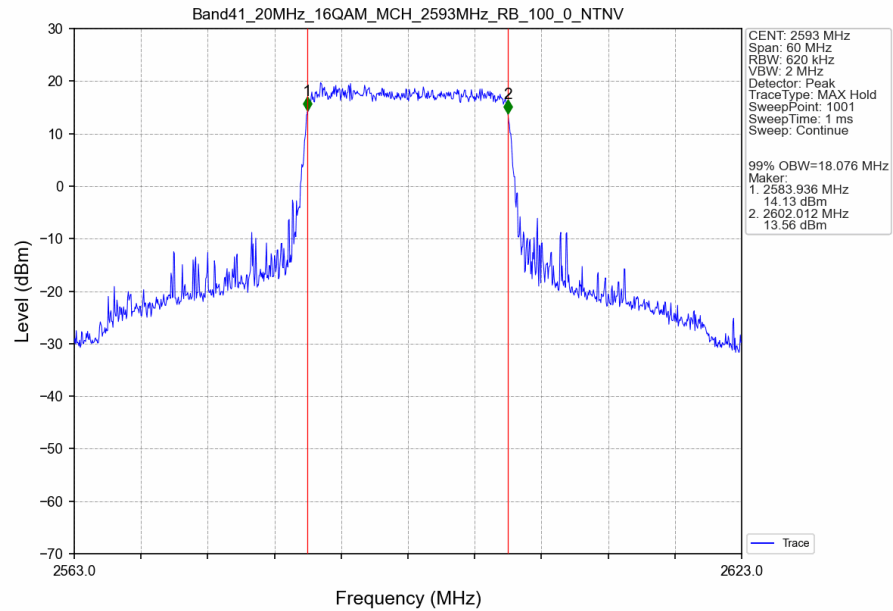
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



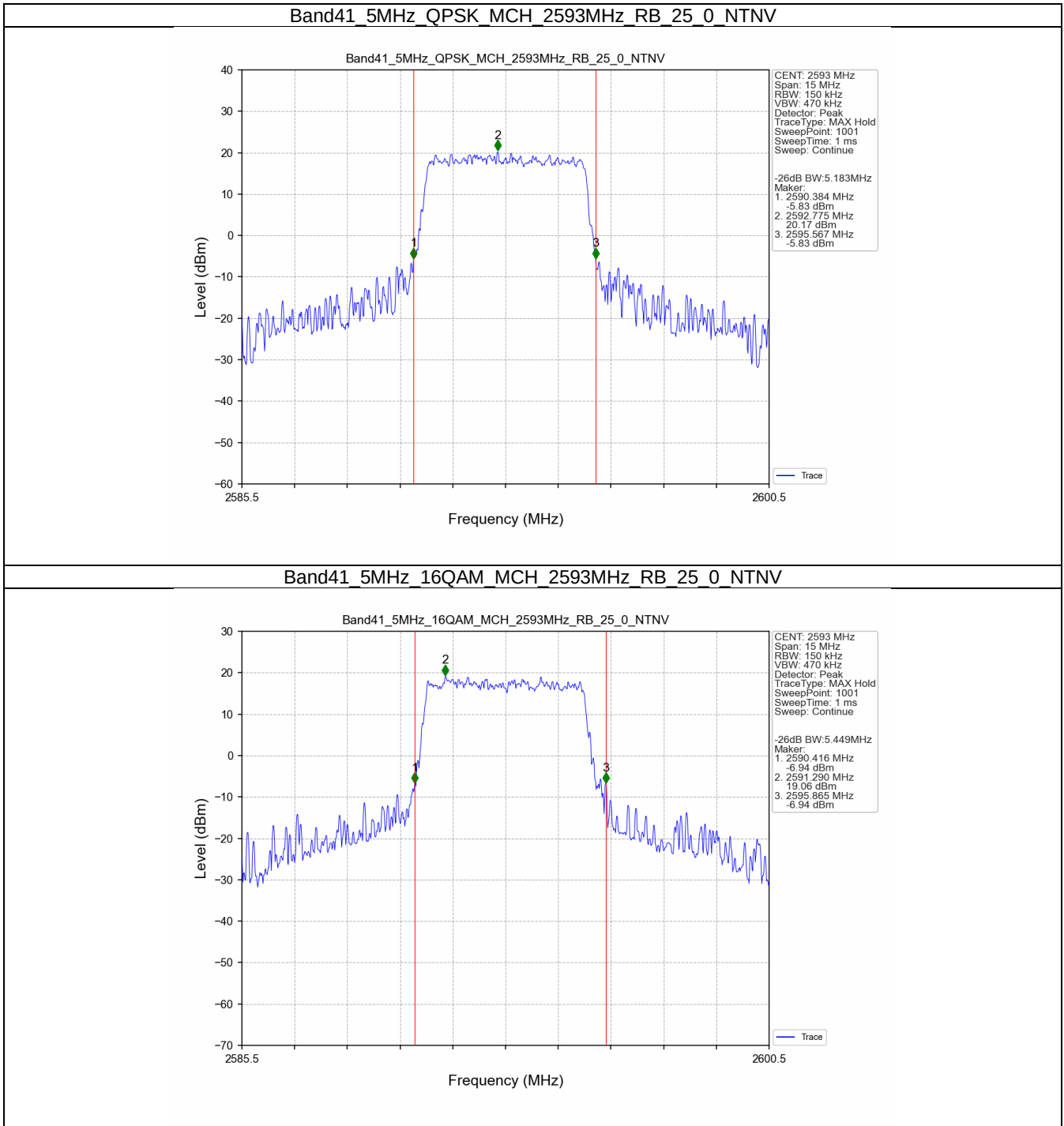
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



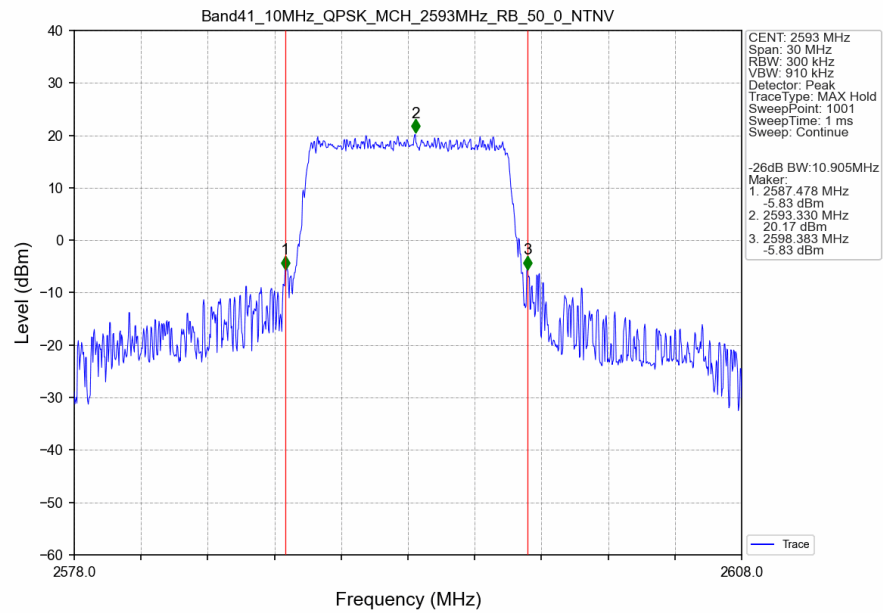
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTNV



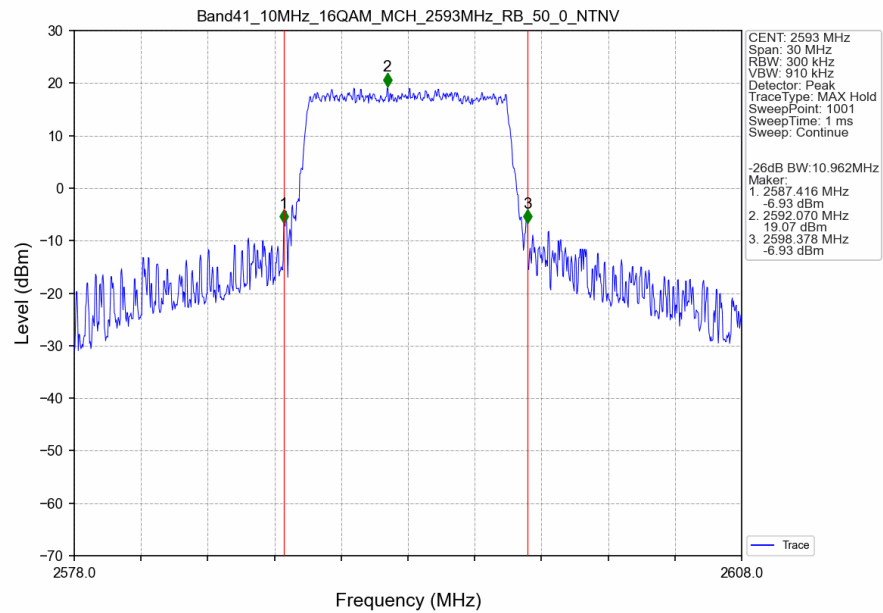
3.2.2 Band41_XDB



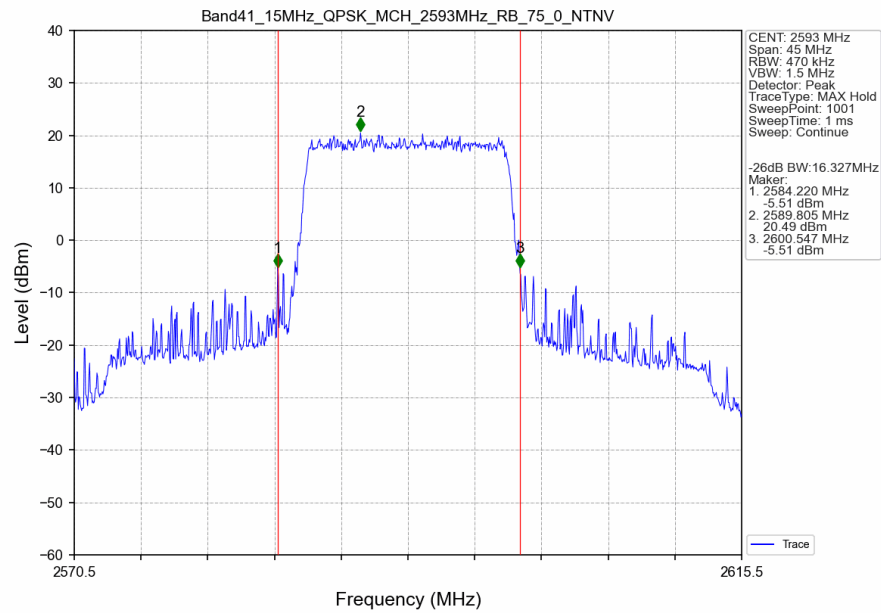
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



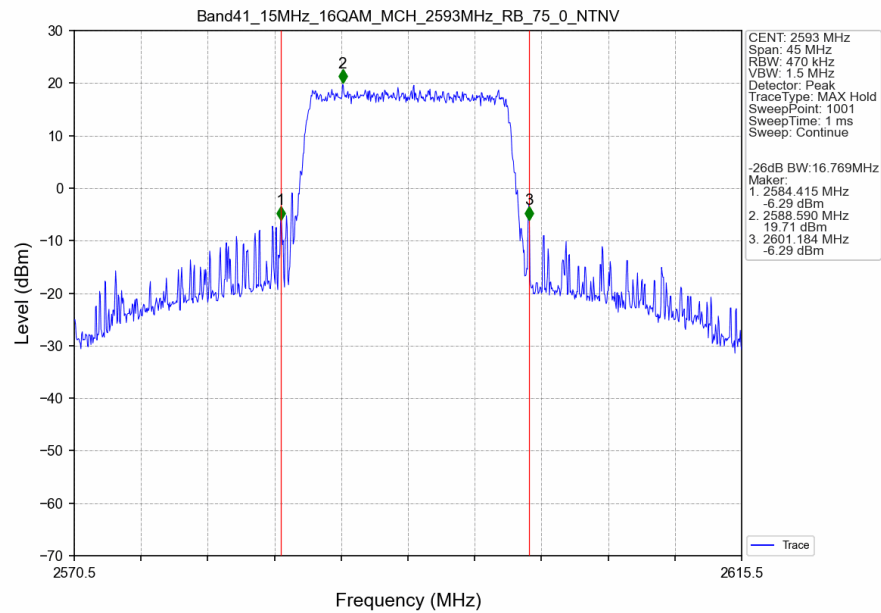
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



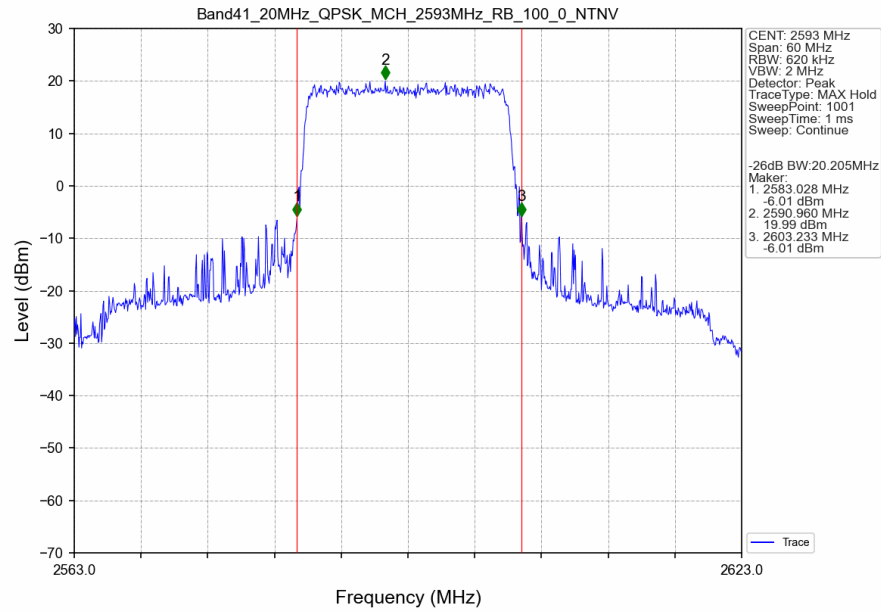
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



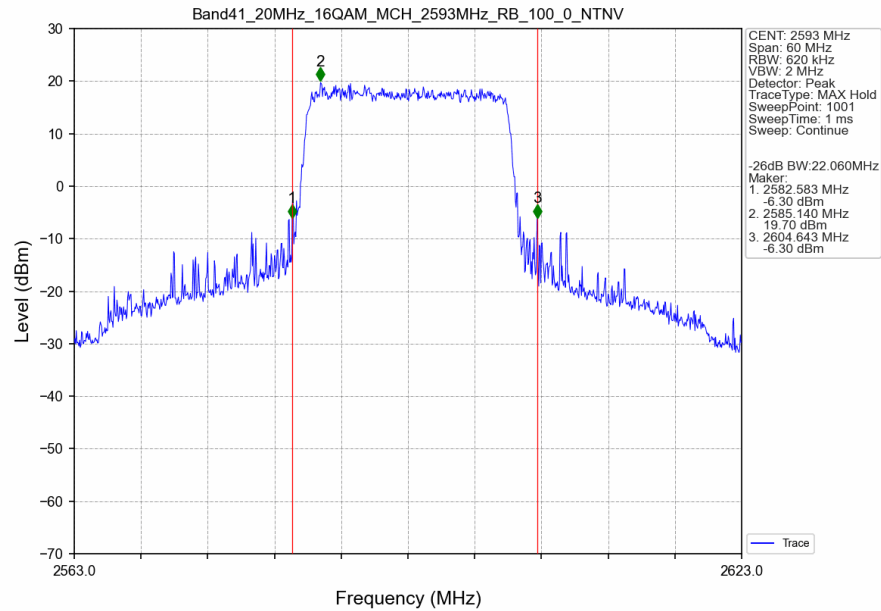
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



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



4. Peak-Average Ratio

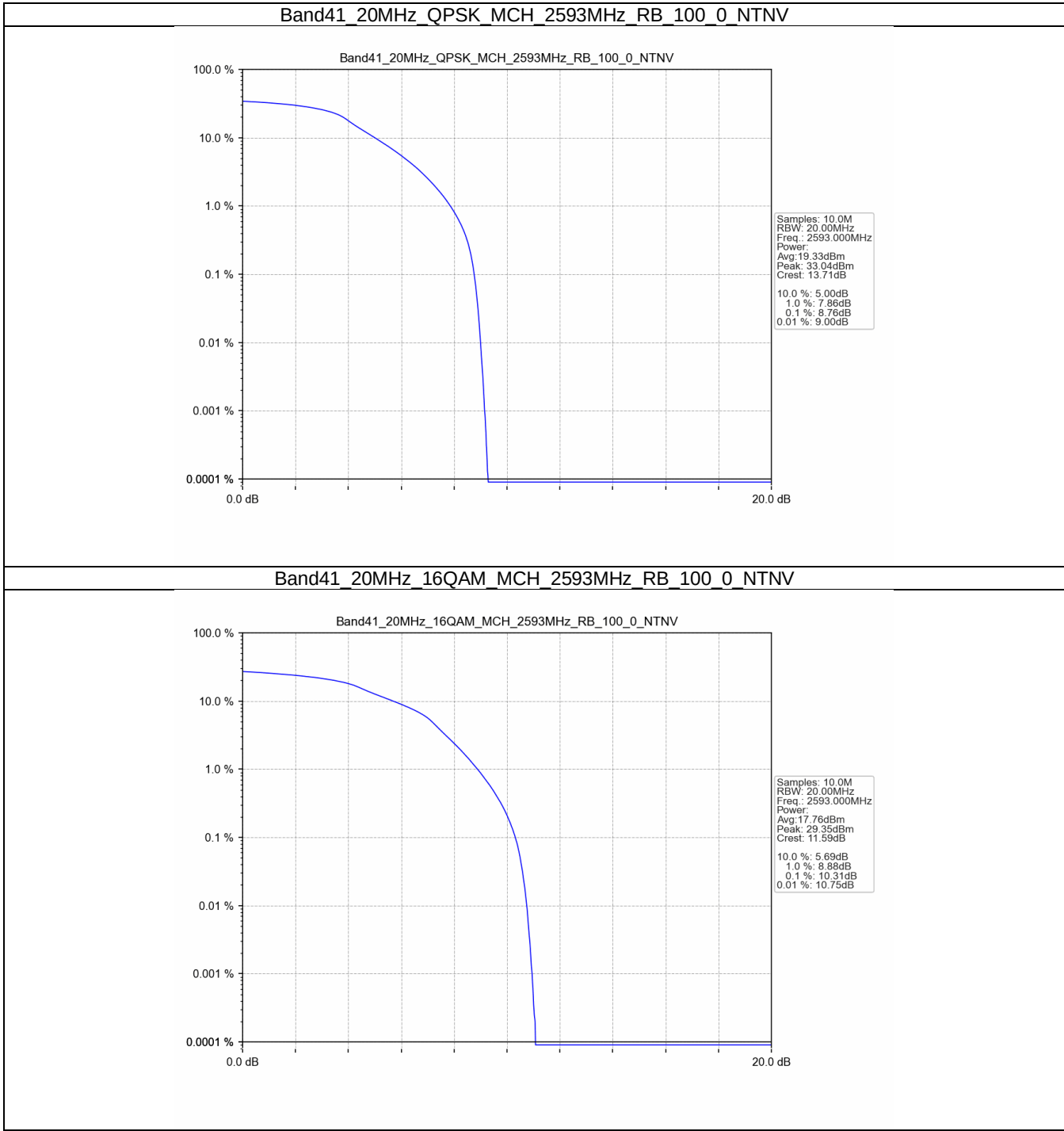
4.1 Test Result

4.1.1 B41_20MHz

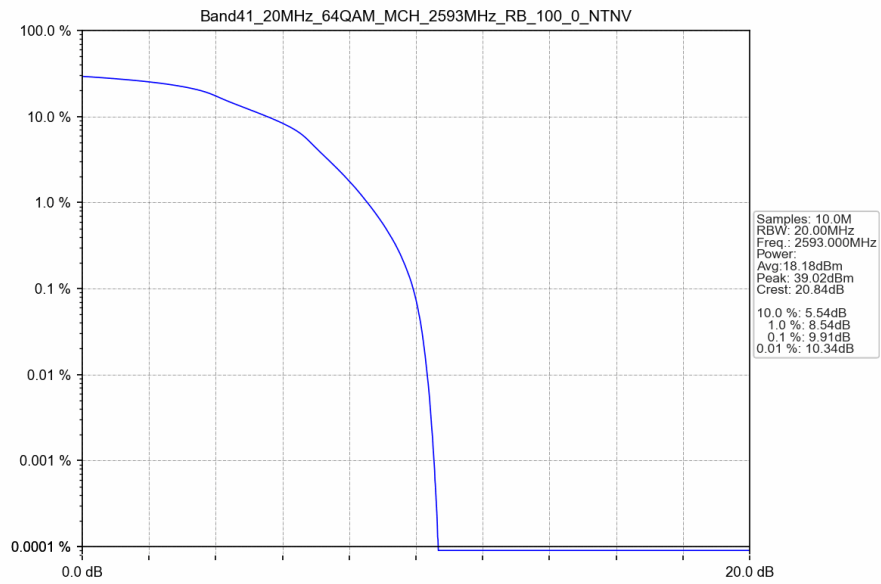
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	8.76	<=13	Pass
16QAM	2593	100	0	10.31	<=13	Pass
64QAM	2593	100	0	9.91	<=13	Pass
256QAM	2593	100	0	10.56	<=13	Pass

4.2 Test Graph

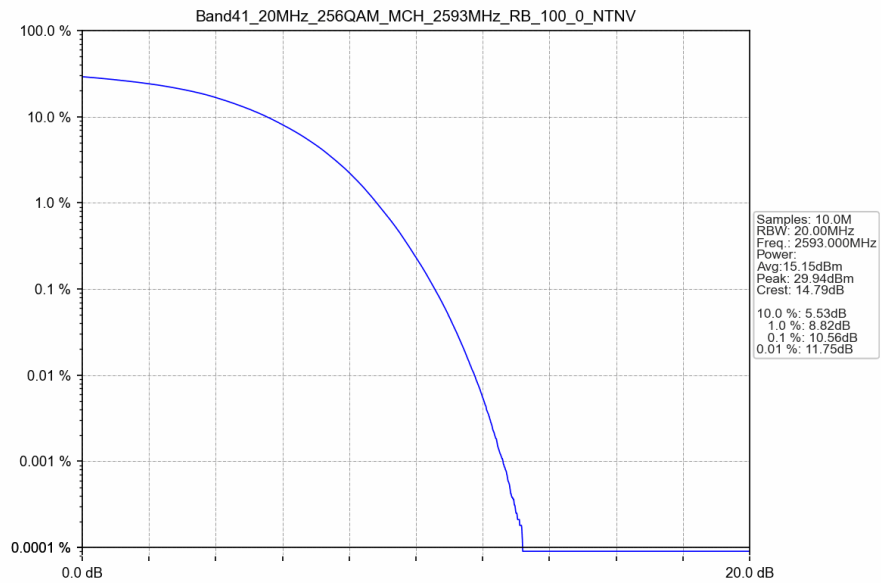
4.2.1 B41_20MHz



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

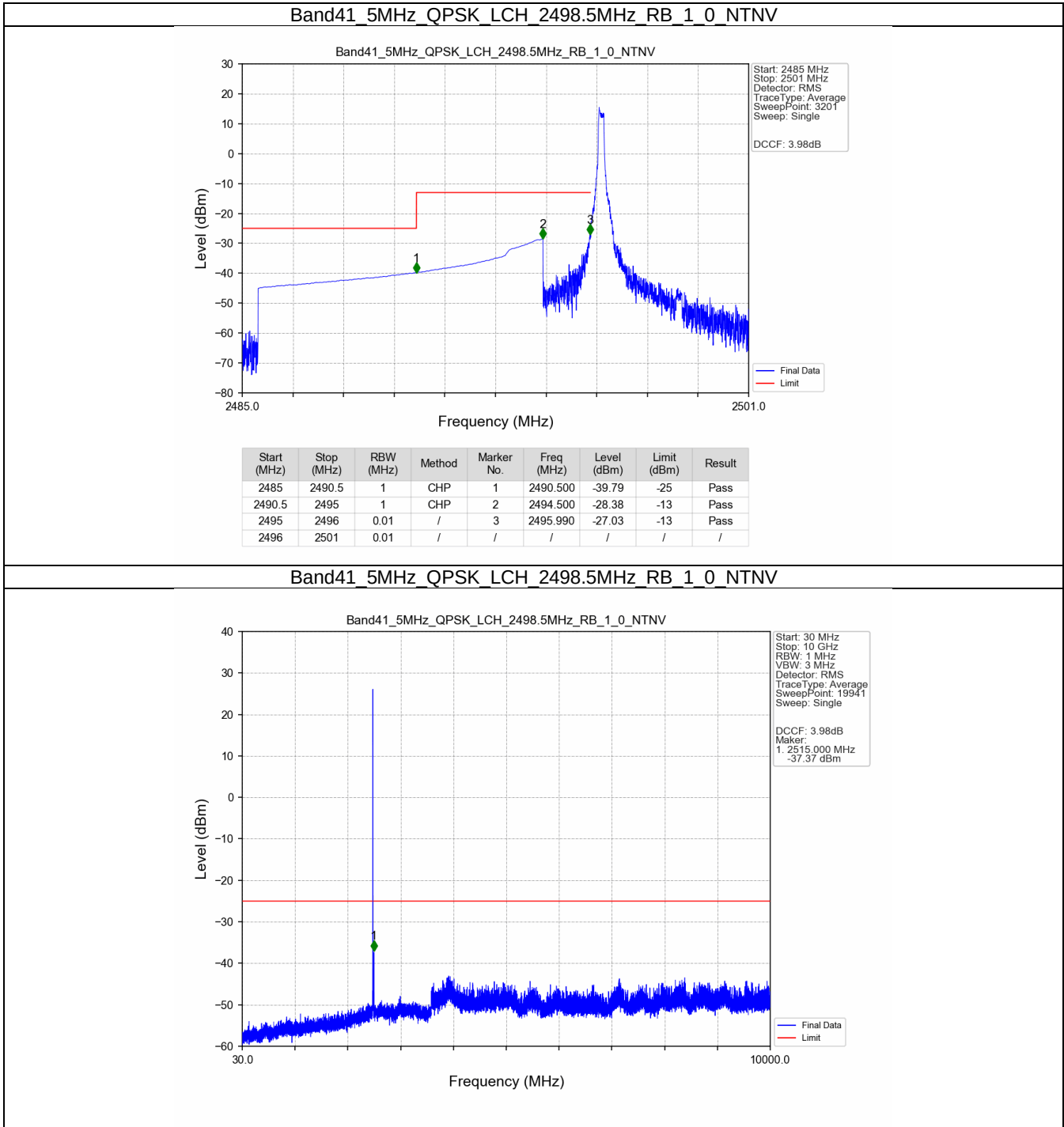
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B41_20MHz

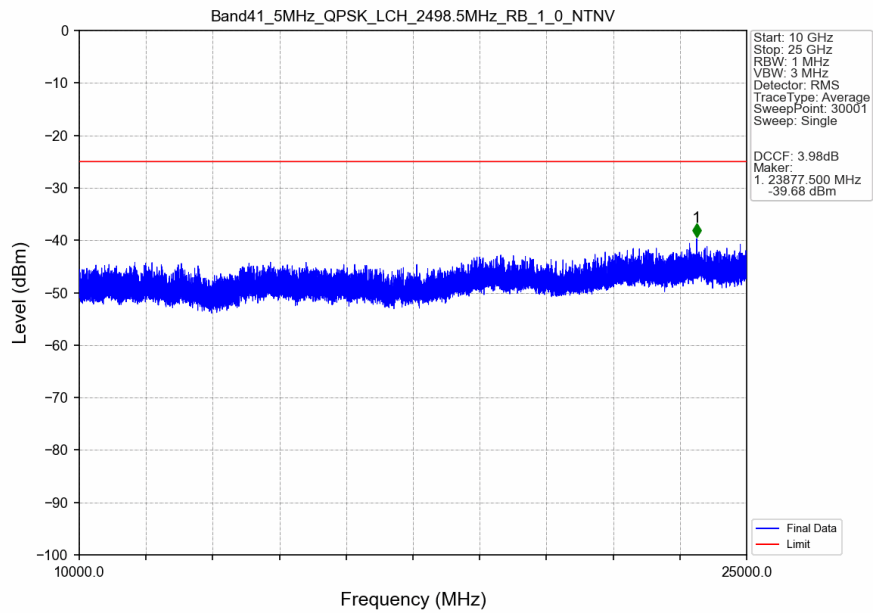
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

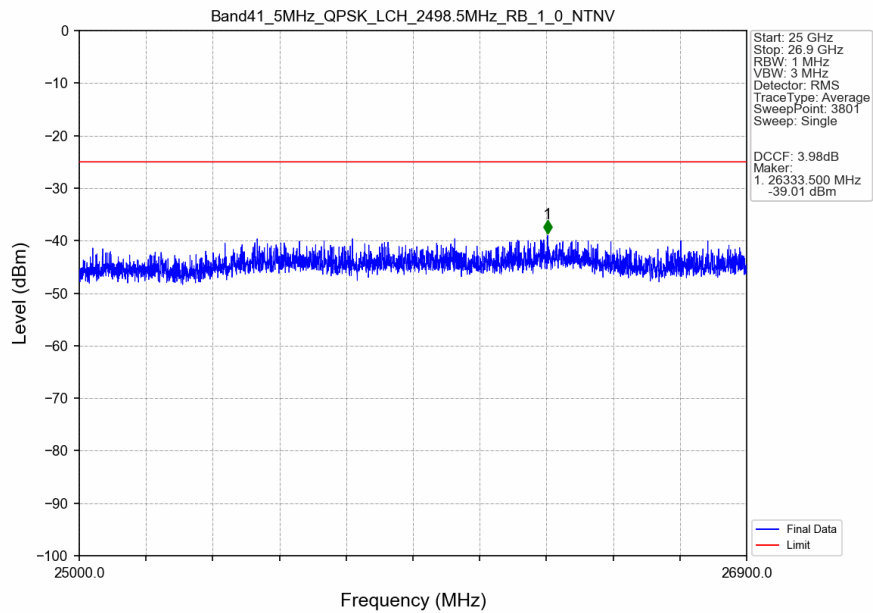
5.2.1 B41_5MHz



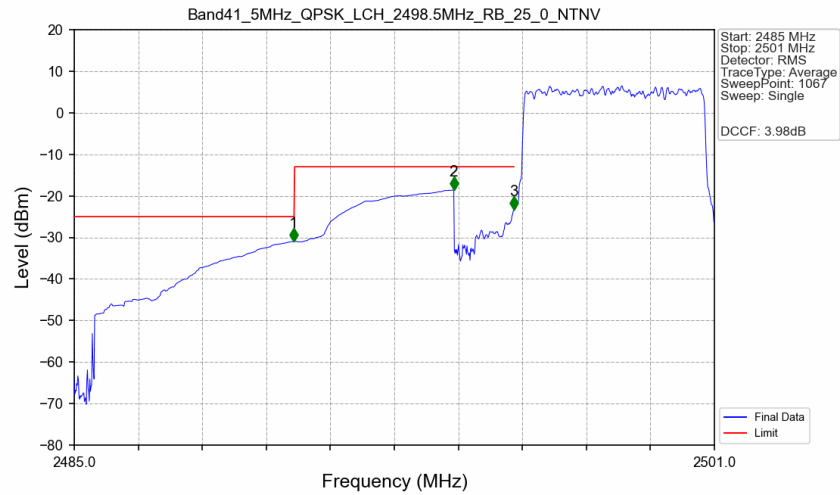
Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV



Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV

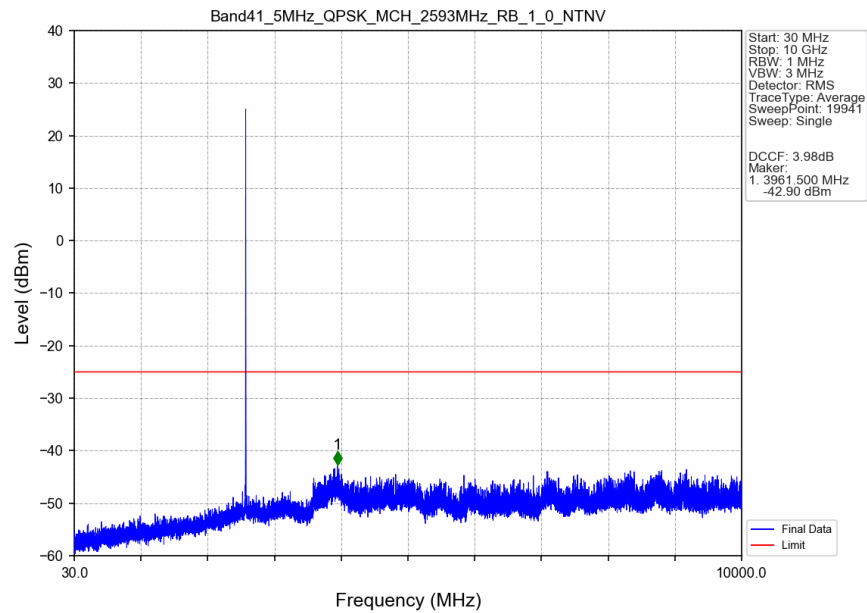


Band41 5MHz QPSK LCH 2498.5MHz RB 25 0 NTNV

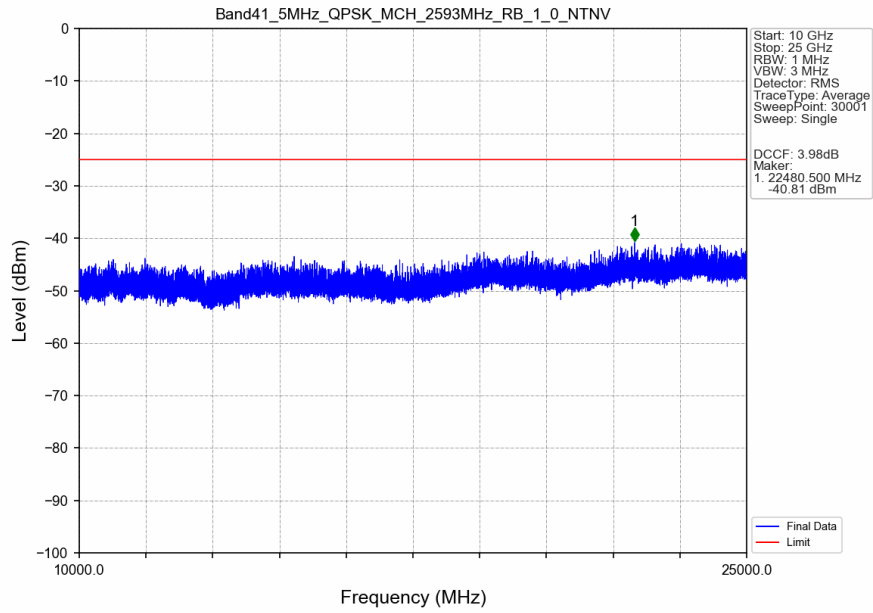


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.478	-30.97	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-18.59	-13	Pass
2495	2496	0.052	CHP	3	2495.987	-23.27	-13	Pass
2496	2501	0.052	CHP	/	/	/	/	/

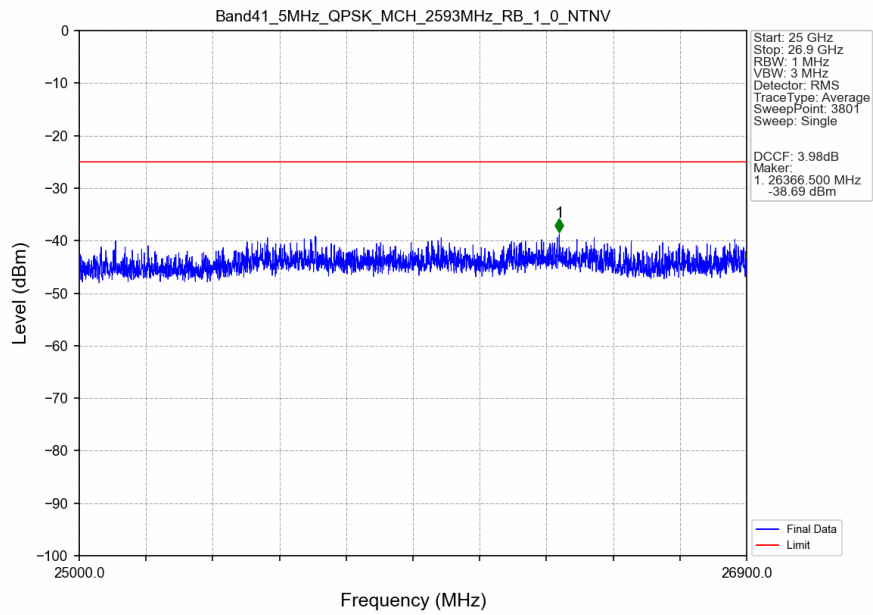
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTNV



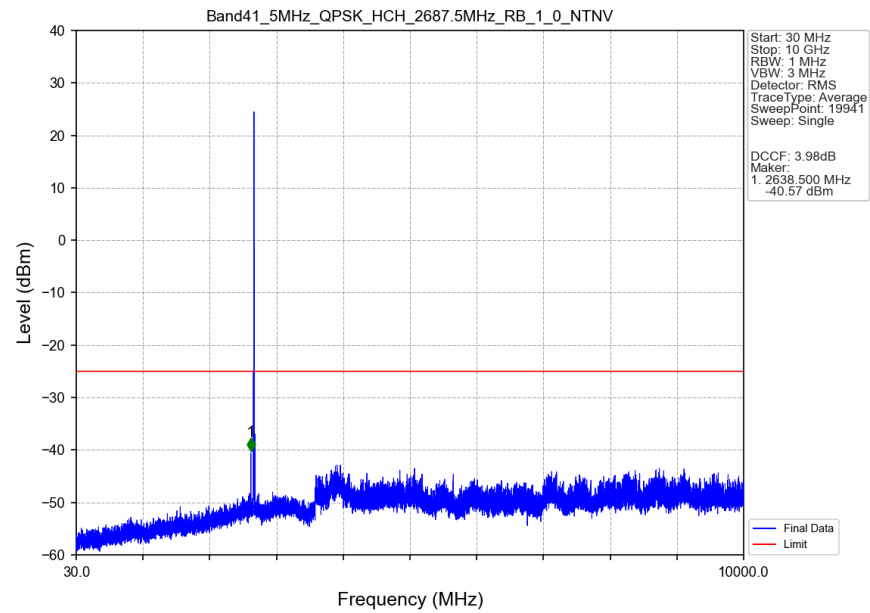
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



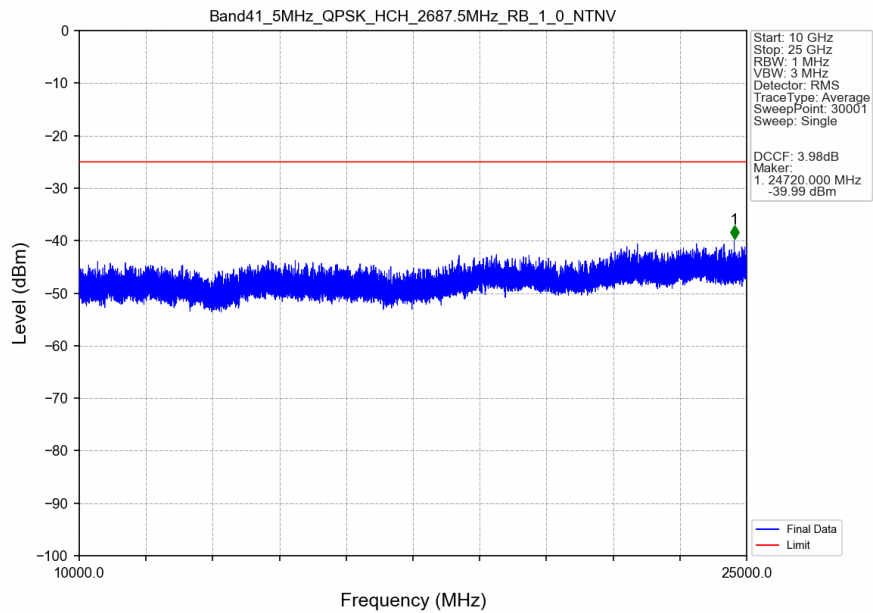
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



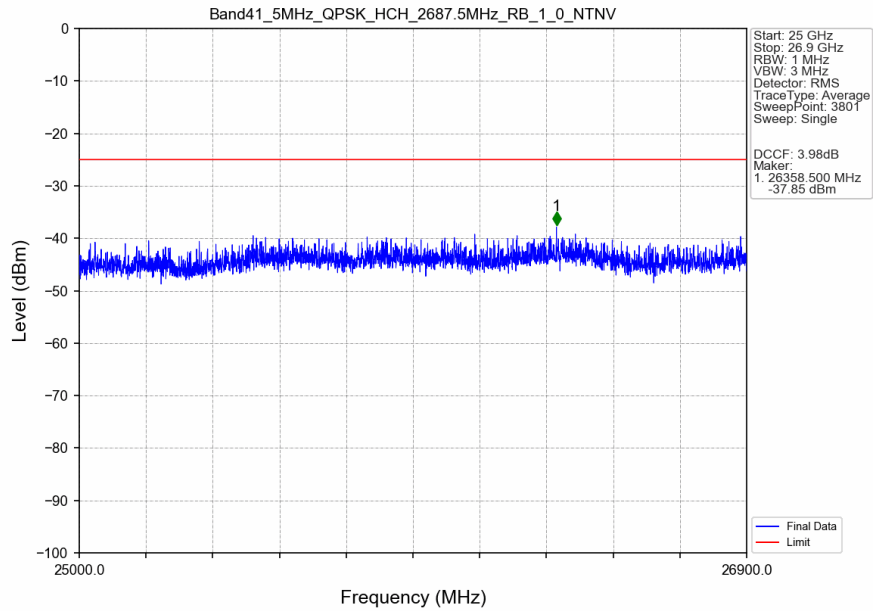
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



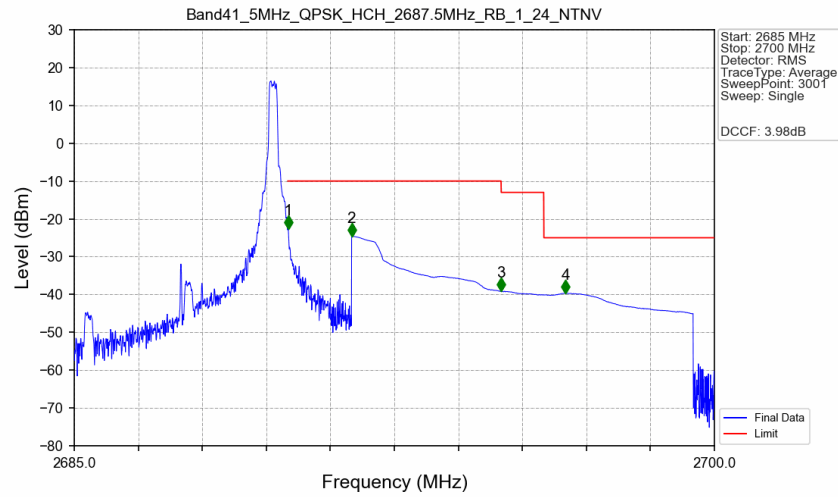
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV

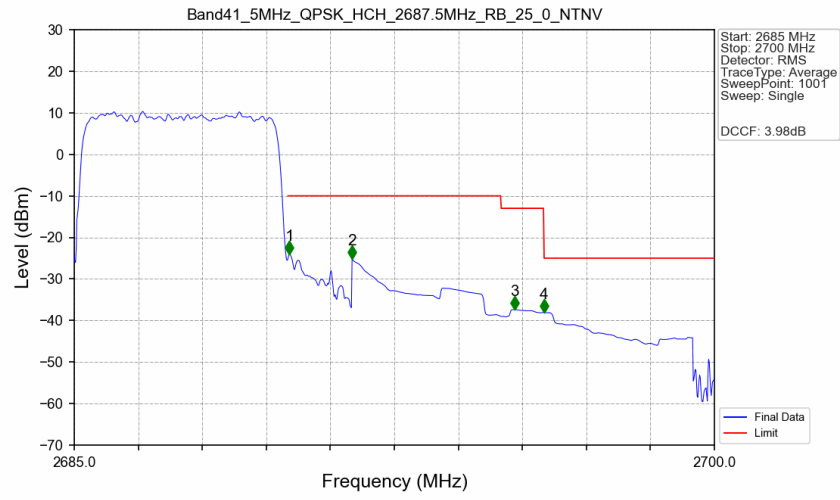


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTV



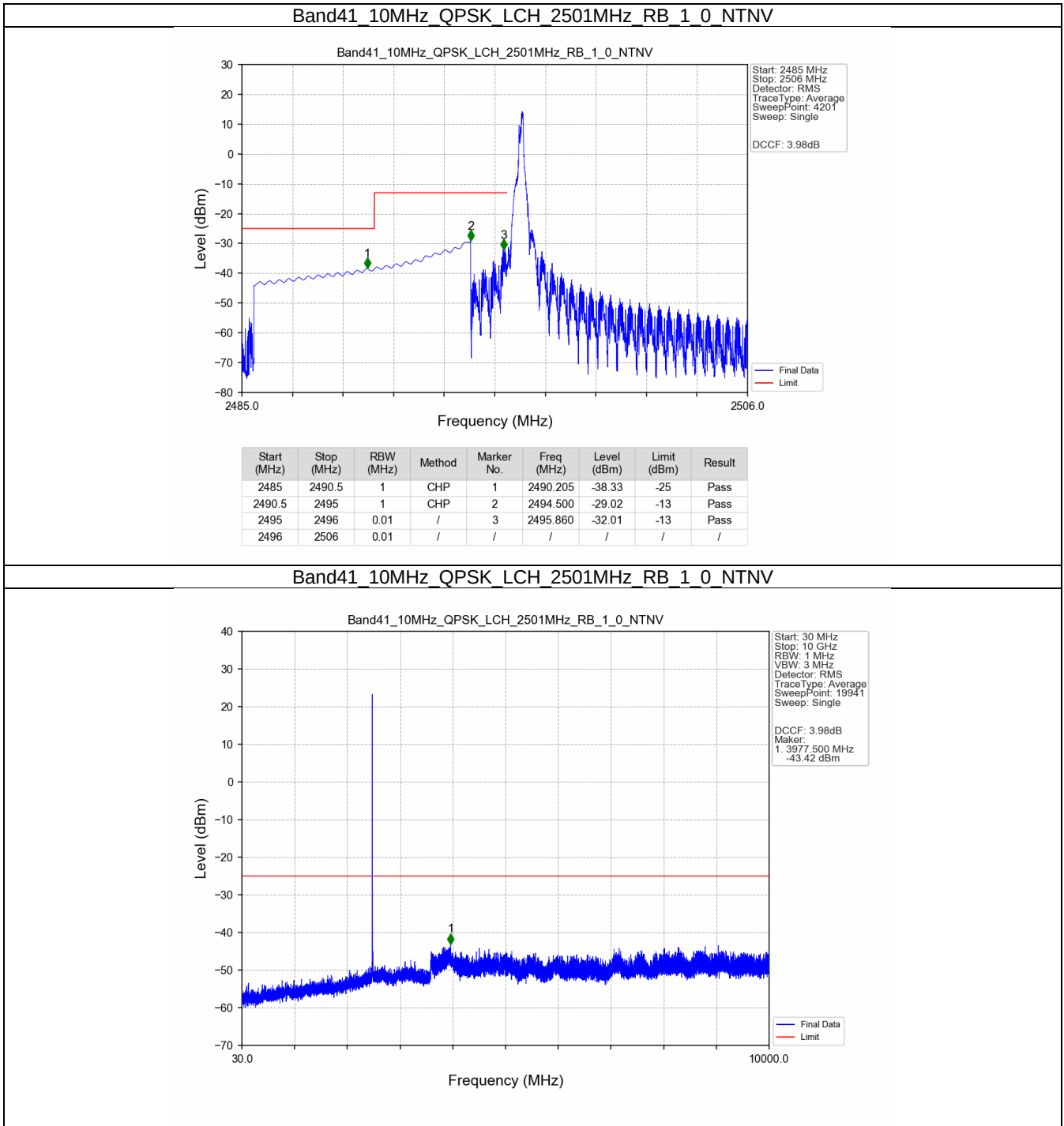
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.010	-22.65	-10	Pass
2691	2695	1	CHP	2	2691.500	-24.58	-10	Pass
2695	2696	1	CHP	3	2695.005	-39.13	-13	Pass
2696	2700	1	CHP	4	2696.515	-39.66	-25	Pass

Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV

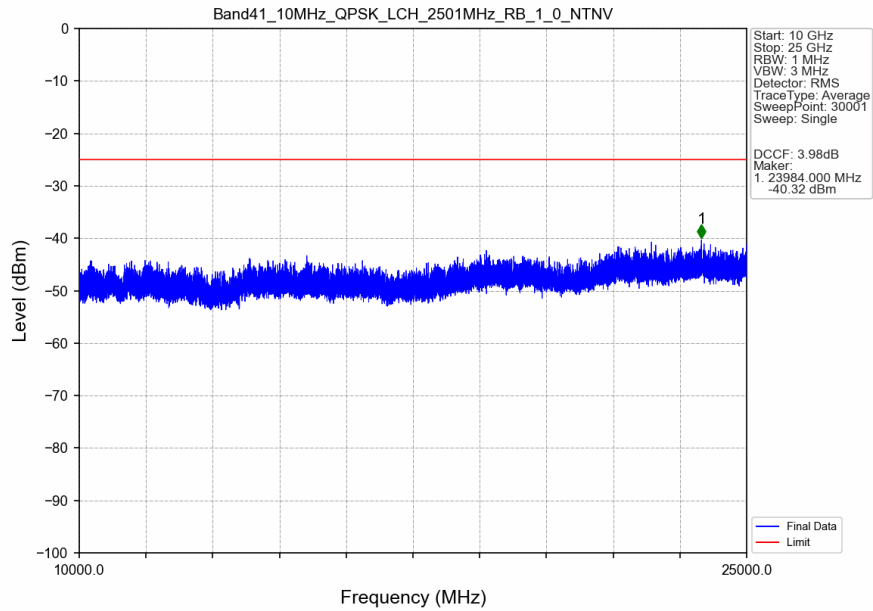


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.104	CHP	/	/	/	/	/
2690	2691	0.104	CHP	1	2690.040	-24.00	-10	Pass
2691	2695	1	CHP	2	2691.510	-25.11	-10	Pass
2695	2696	1	CHP	3	2695.320	-37.38	-13	Pass
2696	2700	1	CHP	4	2696.010	-38.10	-25	Pass

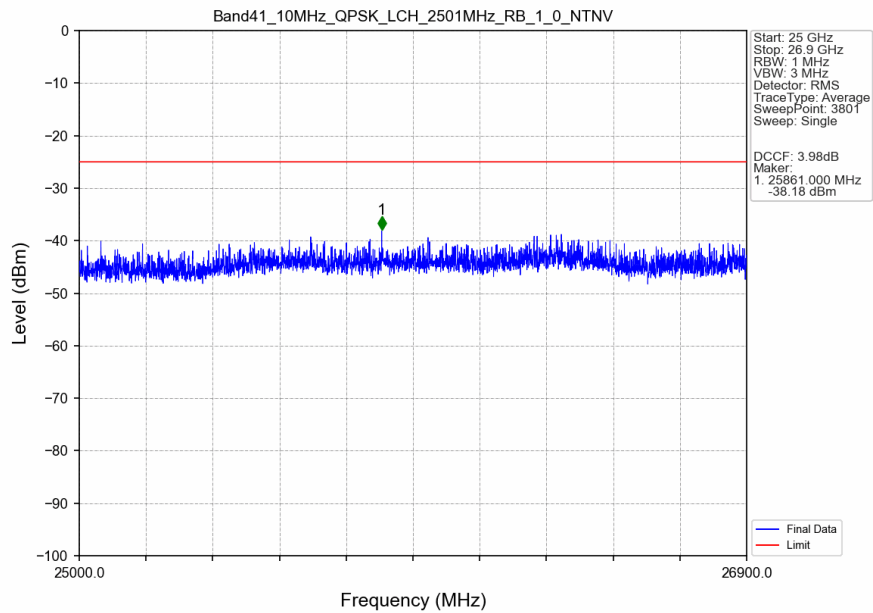
5.2.2 B41_10MHz



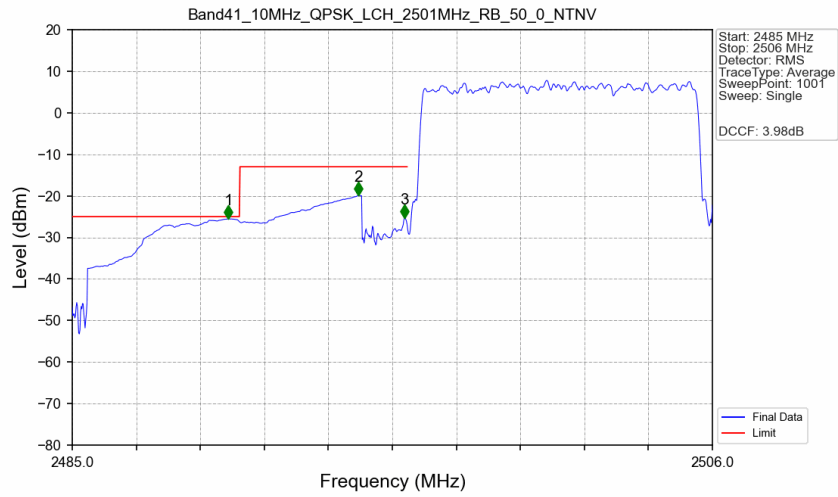
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

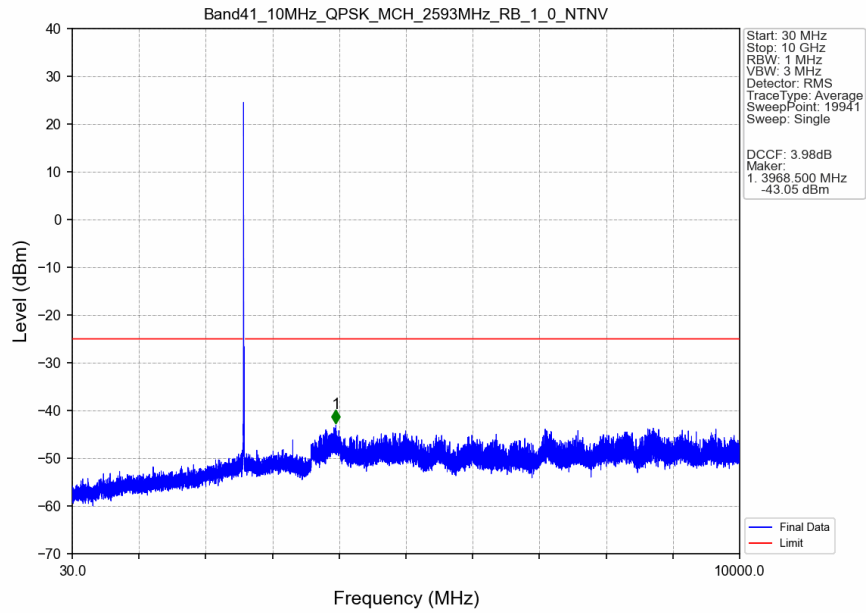


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

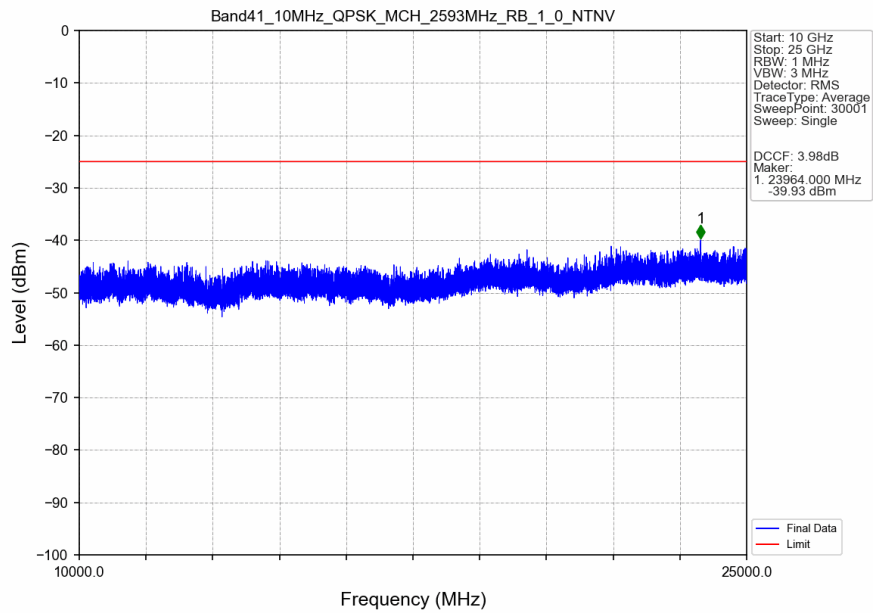


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.124	-25.50	-25	Pass
2490.5	2495	1	CHP	2	2494.387	-19.90	-13	Pass
2495	2496	0.109	CHP	3	2495.899	-25.28	-13	Pass
2496	2506	0.109	CHP	/	/	/	/	/

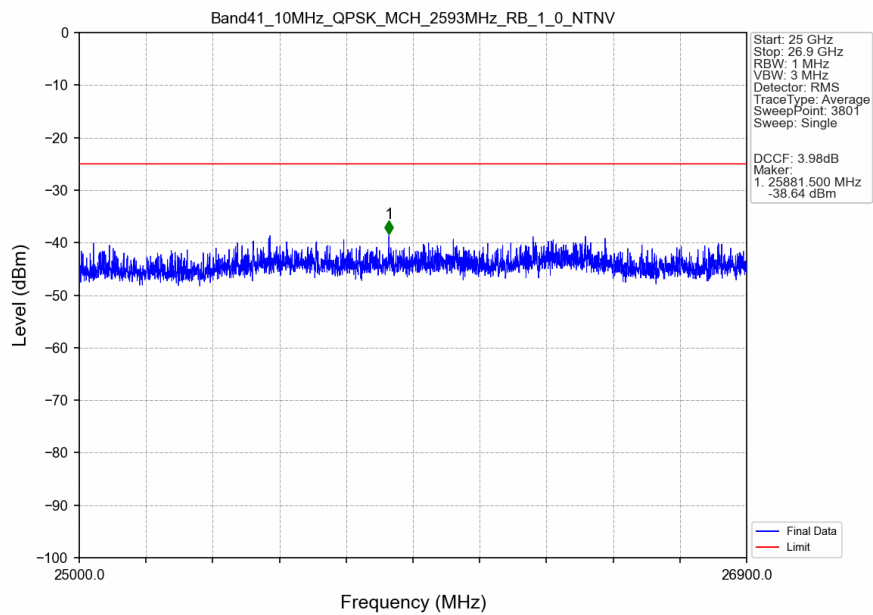
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



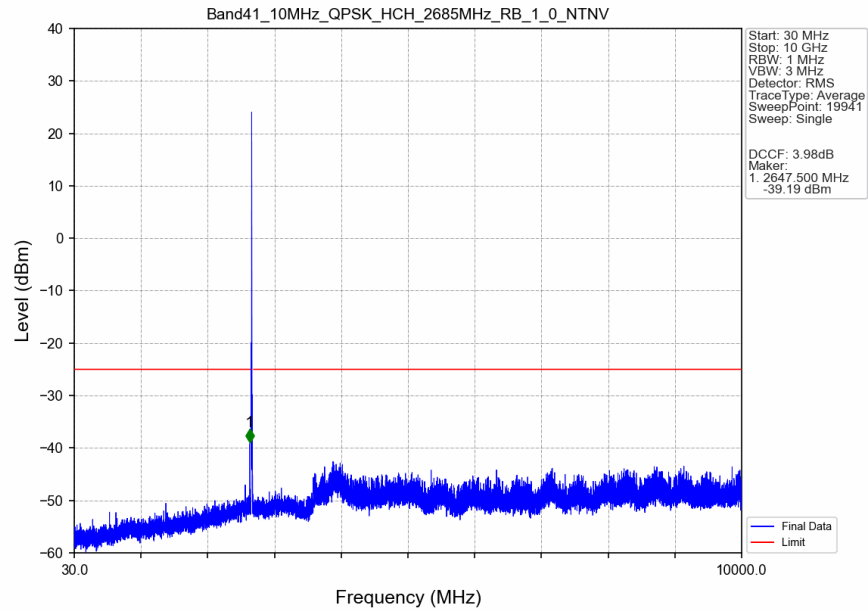
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



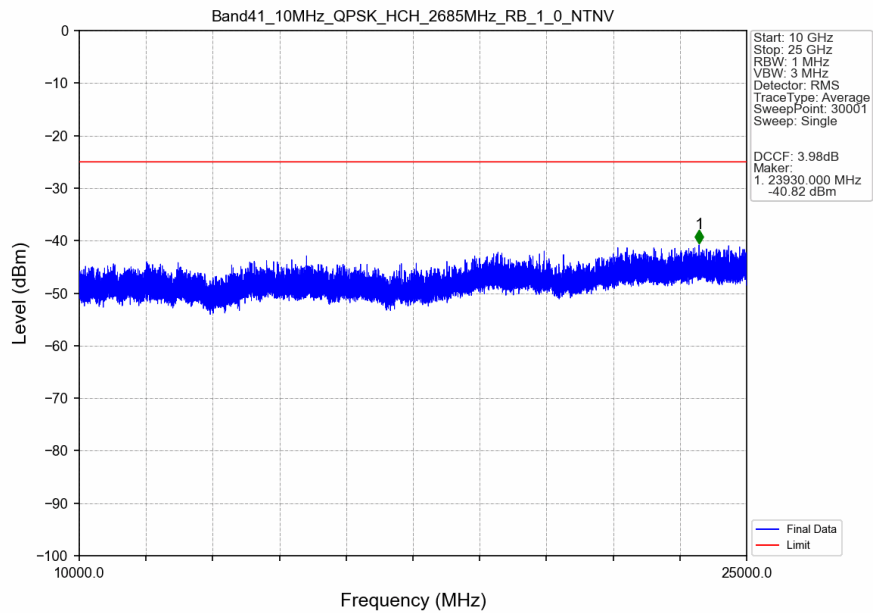
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



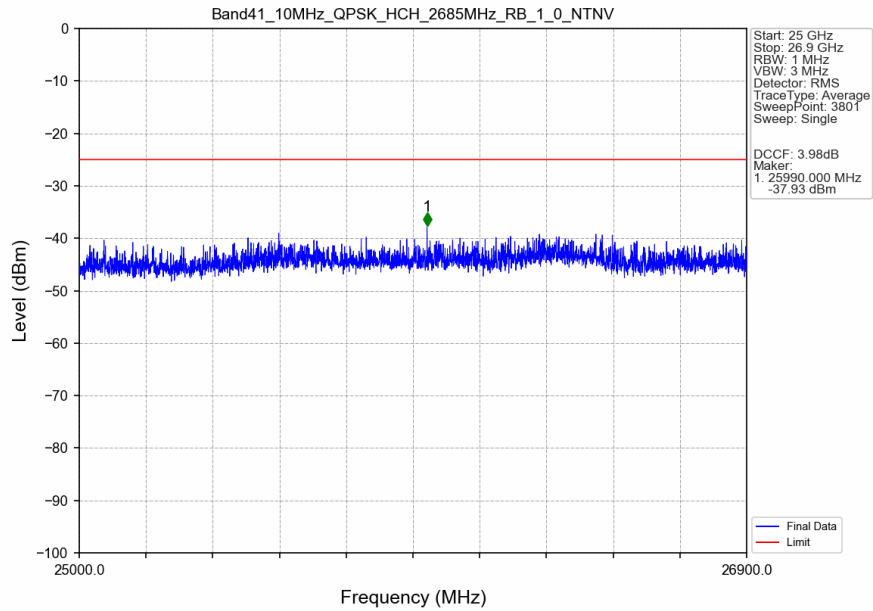
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



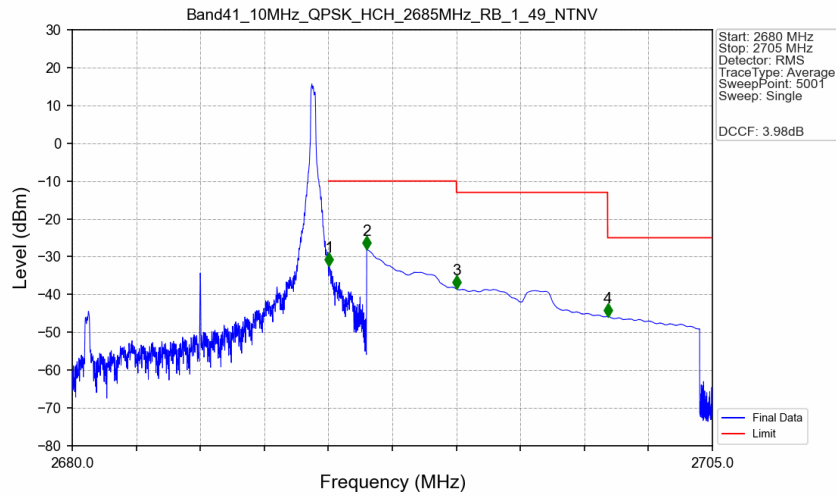
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTV

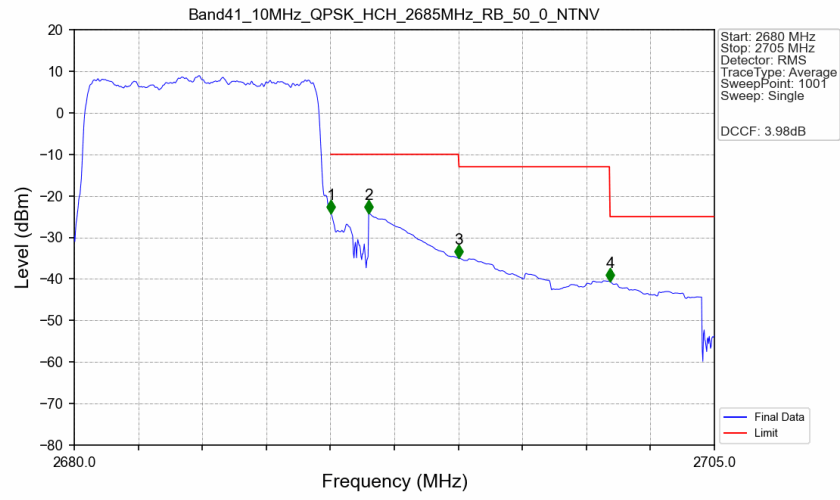


Band41 10MHz QPSK HCH 2685MHz RB 1 49 NTV



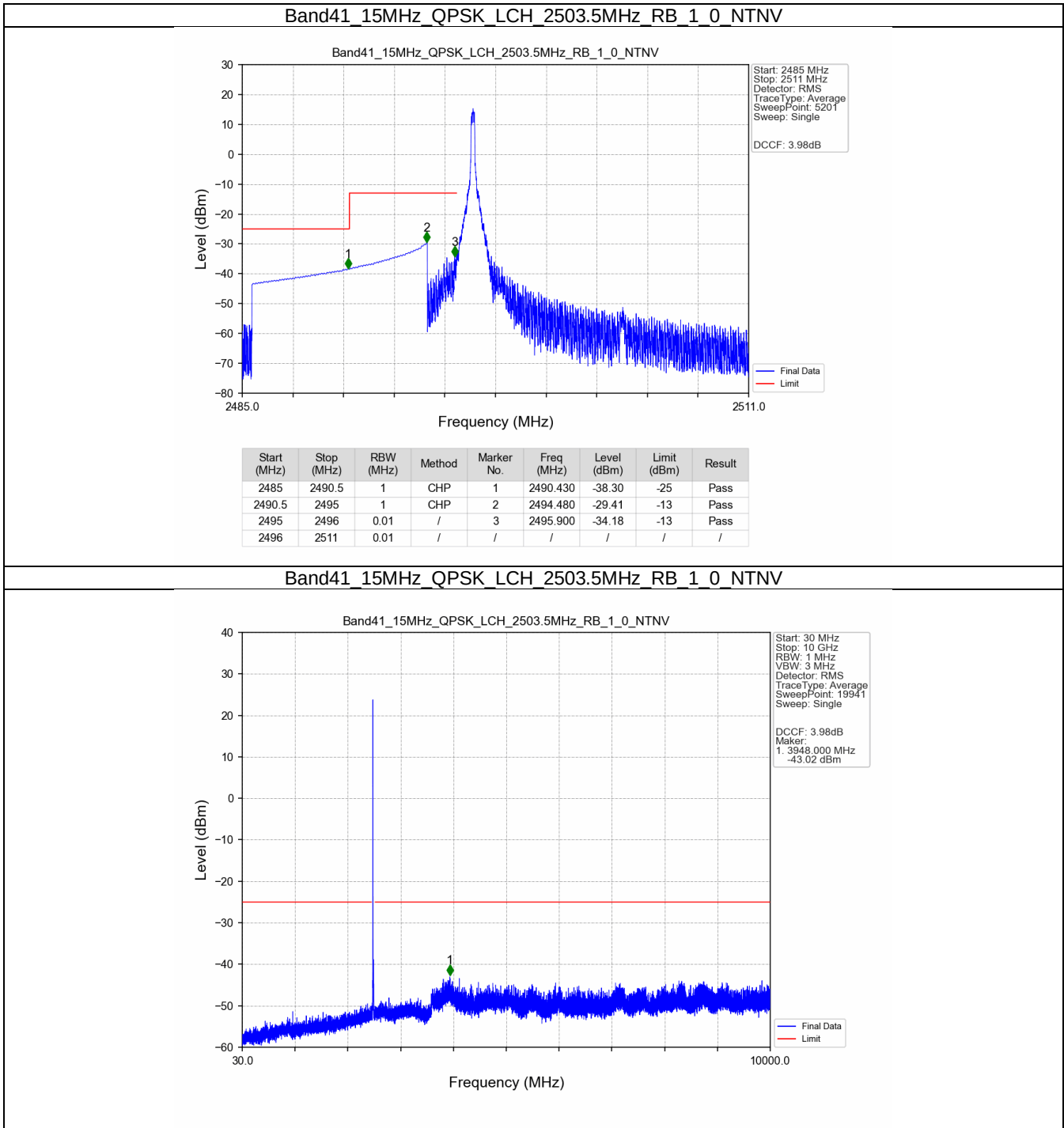
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.030	-32.40	-10	Pass
2691	2695	1	CHP	2	2691.500	-28.13	-10	Pass
2695	2700.905	1	CHP	3	2695.005	-38.55	-13	Pass
2700.905	2705	1	CHP	4	2700.920	-45.79	-25	Pass

Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTN

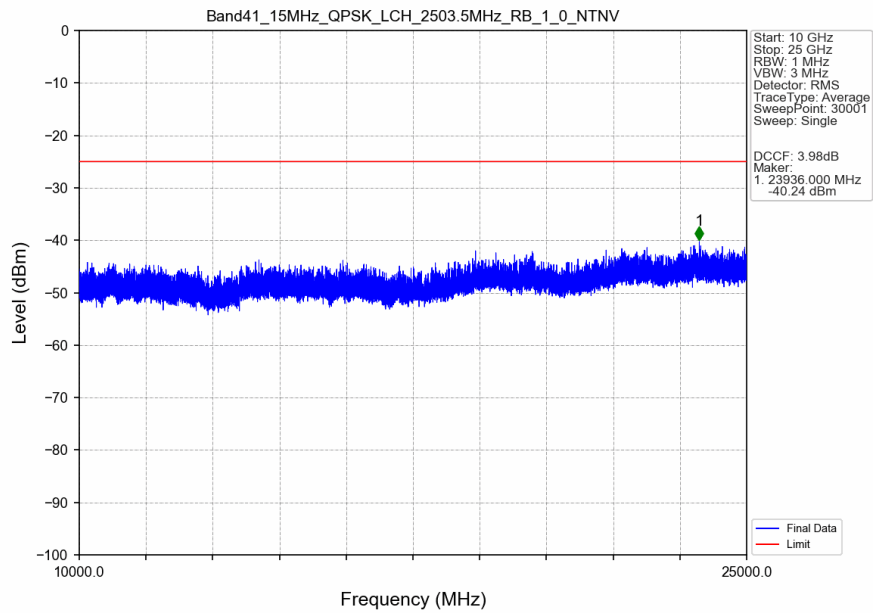


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.218	CHP	/	/	/	/	/
2690	2691	0.218	CHP	1	2690.025	-24.18	-10	Pass
2691	2695	1	CHP	2	2691.500	-24.22	-10	Pass
2695	2700.905	1	CHP	3	2695.025	-35.04	-13	Pass
2700.905	2705	1	CHP	4	2700.925	-40.58	-25	Pass

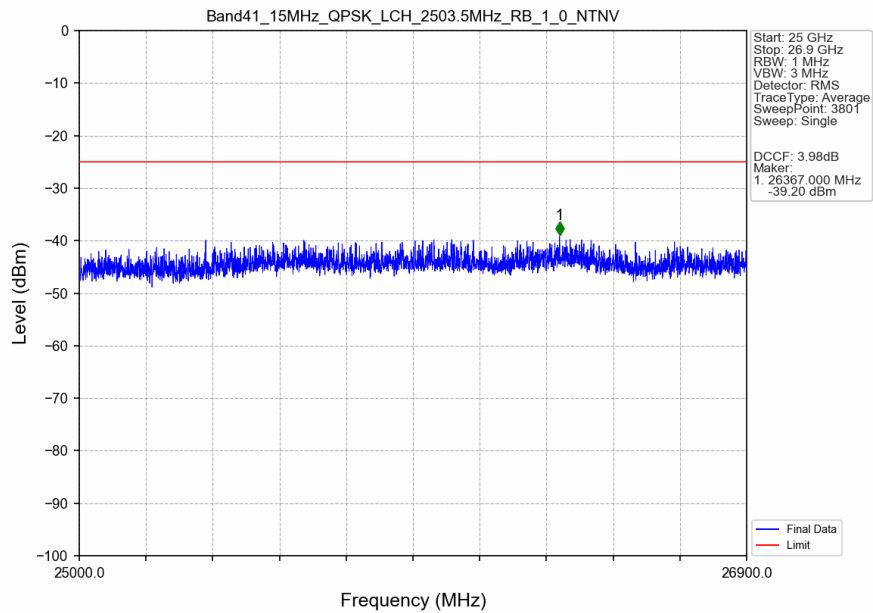
5.2.3 B41_15MHz



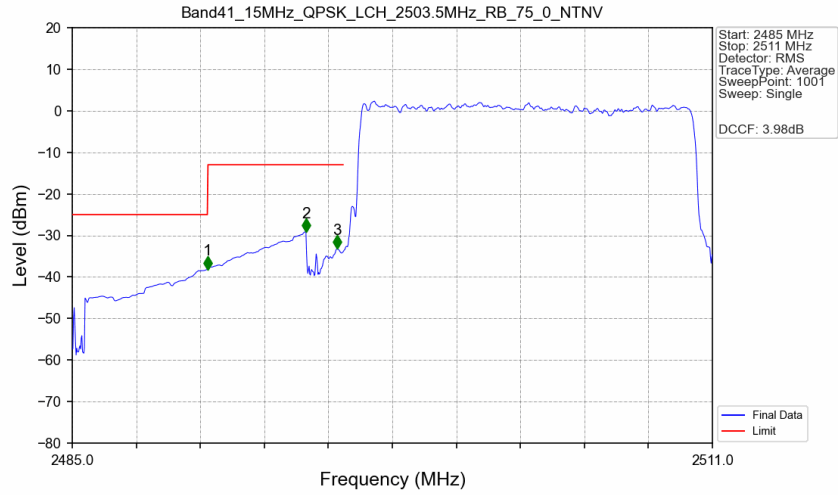
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

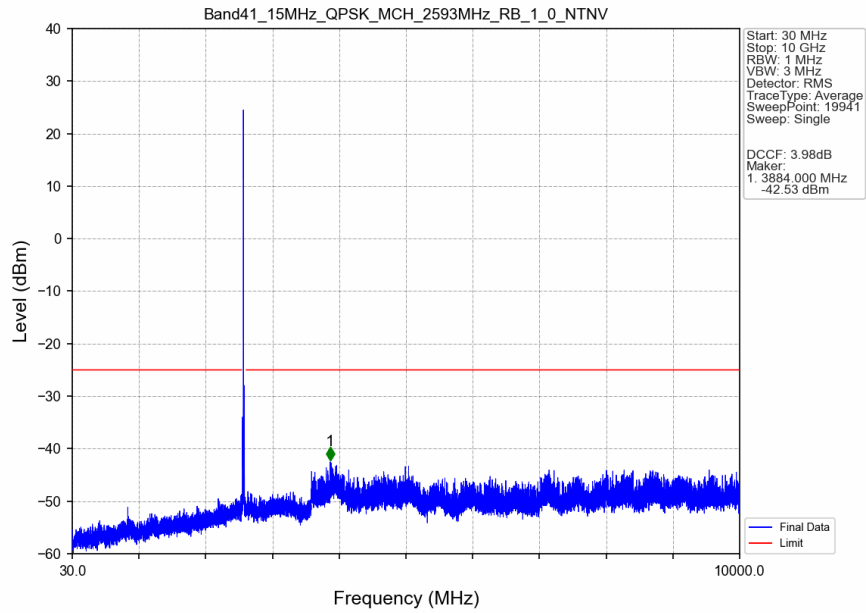


Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV

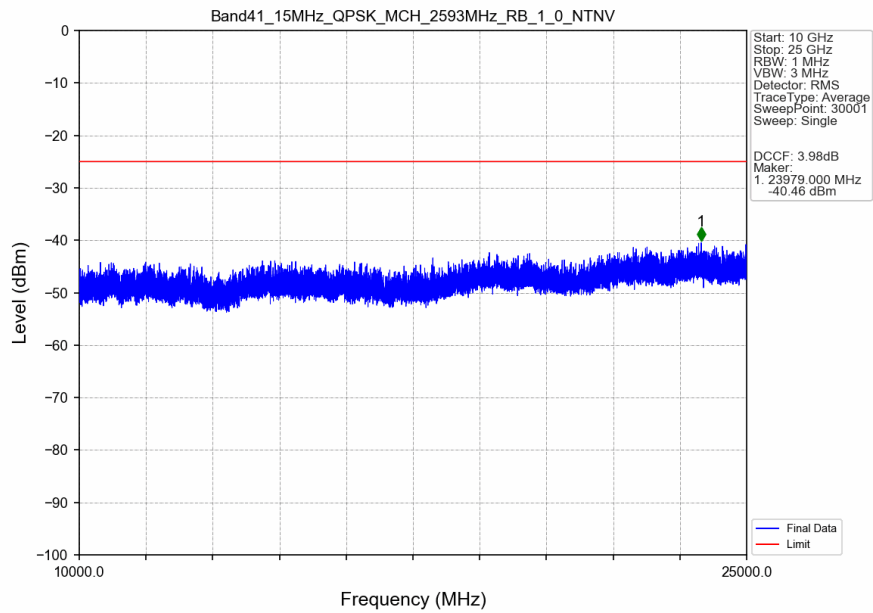


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.486	-38.14	-25	Pass
2490.5	2495	1	CHP	2	2494.490	-29.11	-13	Pass
2495	2496	0.163	CHP	3	2495.764	-33.20	-13	Pass
2496	2511	0.163	CHP	/	/	/	/	/

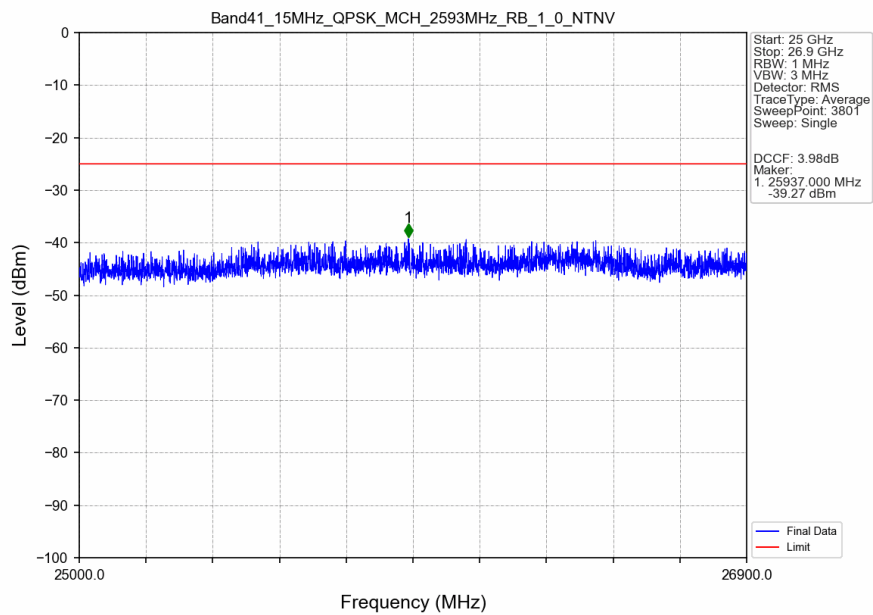
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



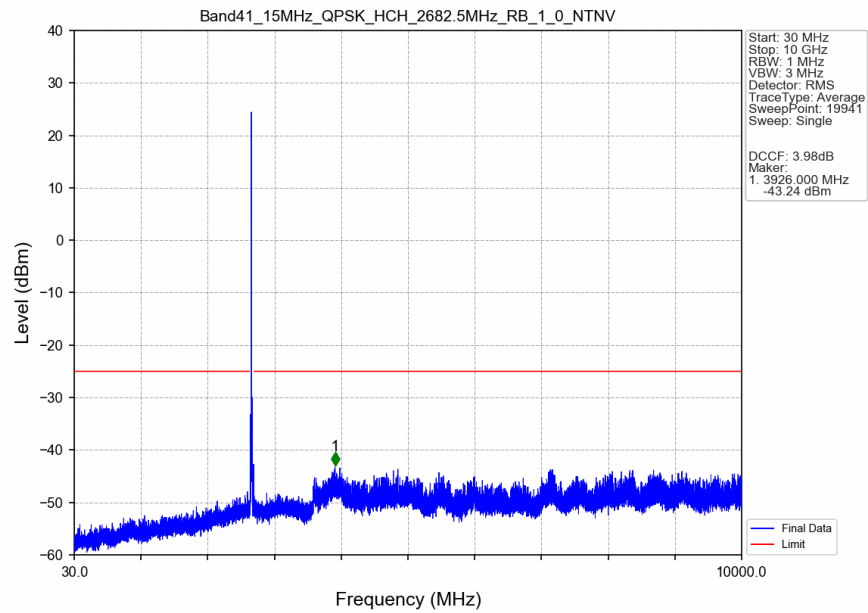
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



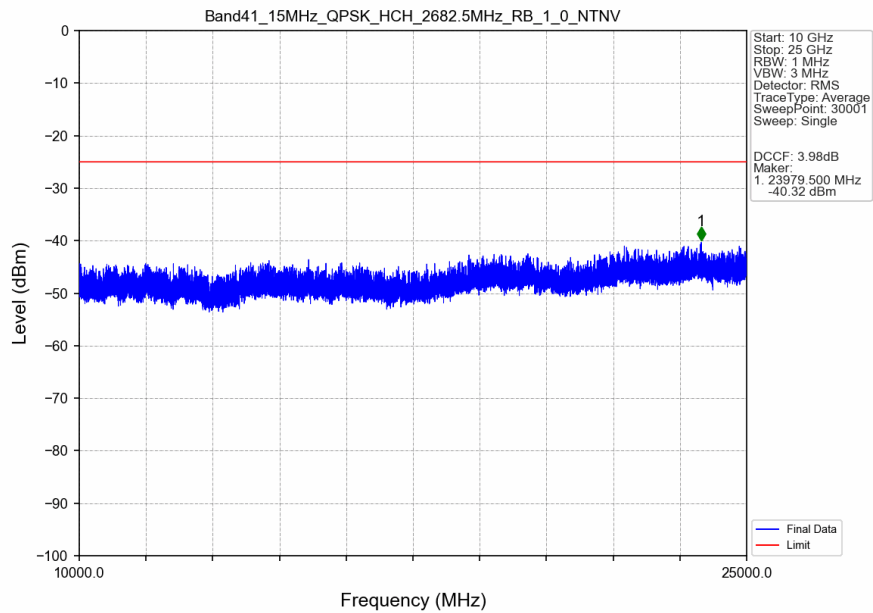
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



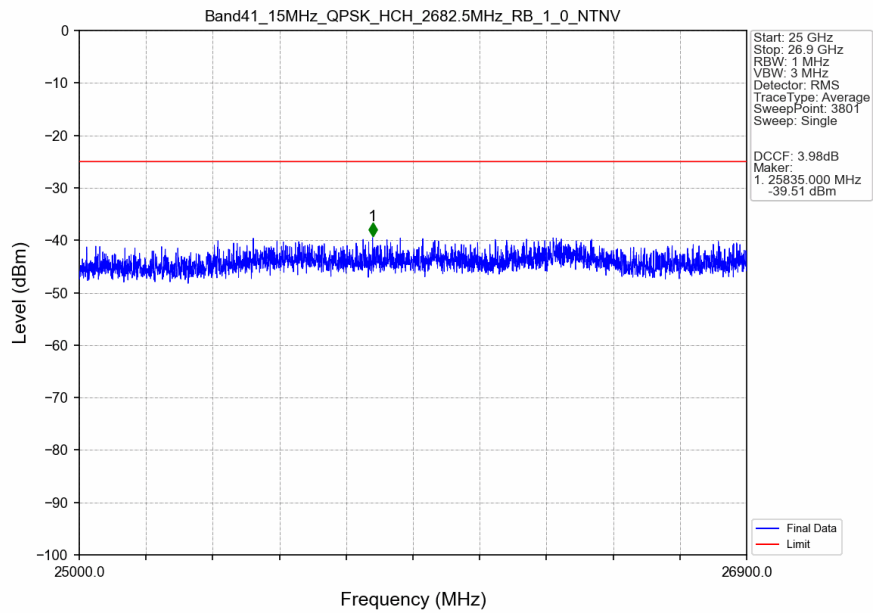
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



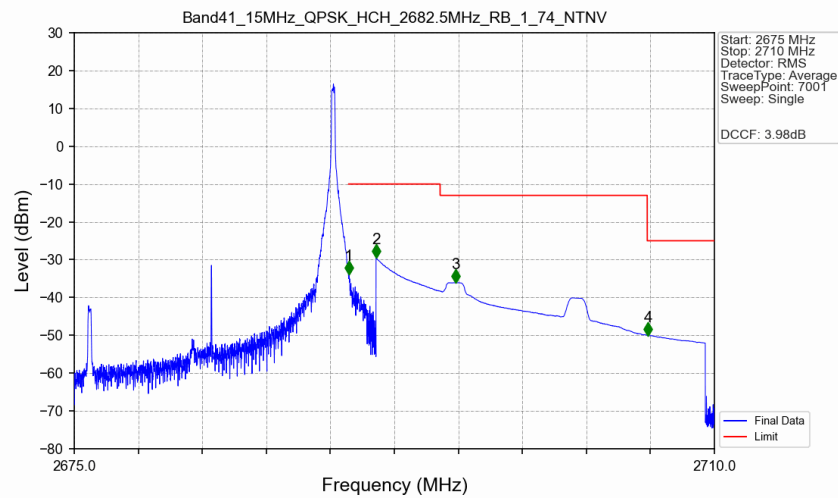
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTNV

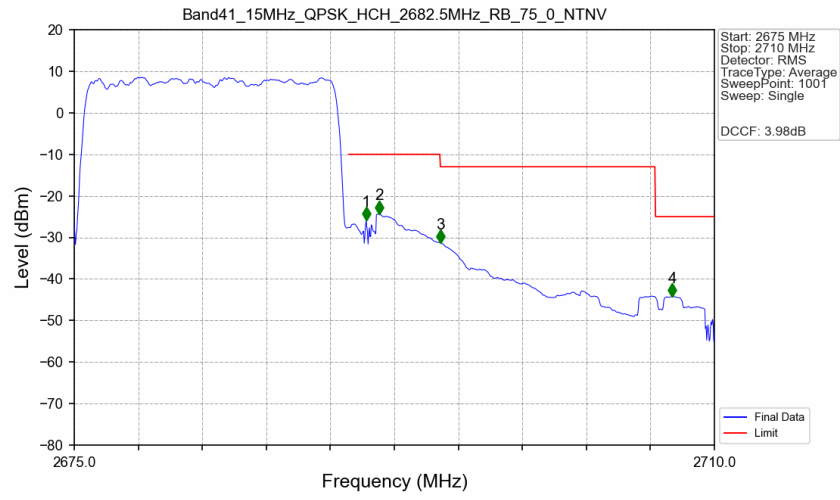


Band41 15MHz QPSK HCH 2682.5MHz RB 1 74 NTNV



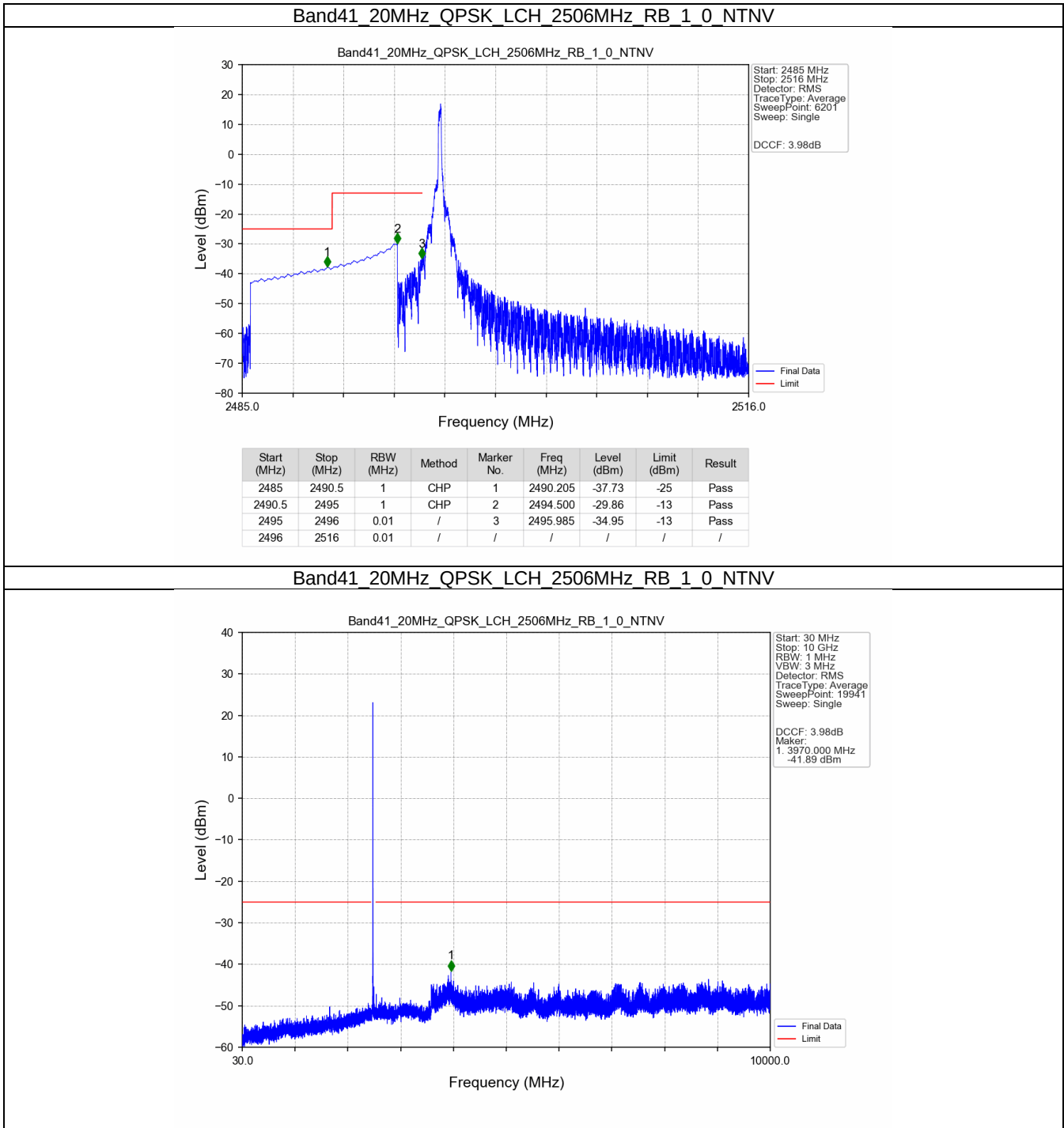
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.020	-33.77	-10	Pass
2691	2695	1	CHP	2	2691.500	-29.49	-10	Pass
2695	2706.327	1	CHP	3	2695.870	-36.07	-13	Pass
2706.327	2710	1	CHP	4	2706.370	-50.04	-25	Pass

Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTV

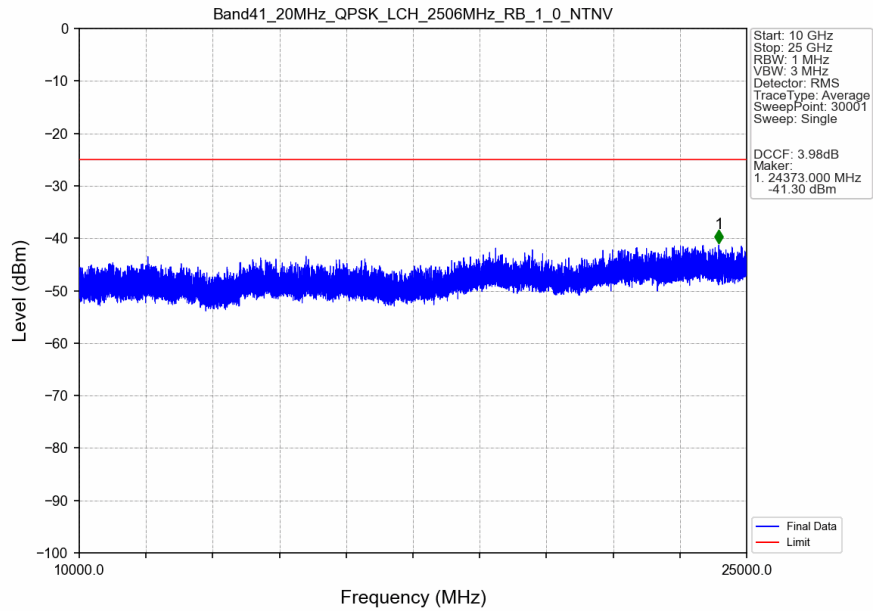


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.335	CHP	/	/	/	/	/
2690	2691	0.335	CHP	1	2690.960	-25.85	-10	Pass
2691	2695	1	CHP	2	2691.660	-24.30	-10	Pass
2695	2706.769	1	CHP	3	2695.020	-31.25	-13	Pass
2706.769	2710	1	CHP	4	2707.690	-44.17	-25	Pass

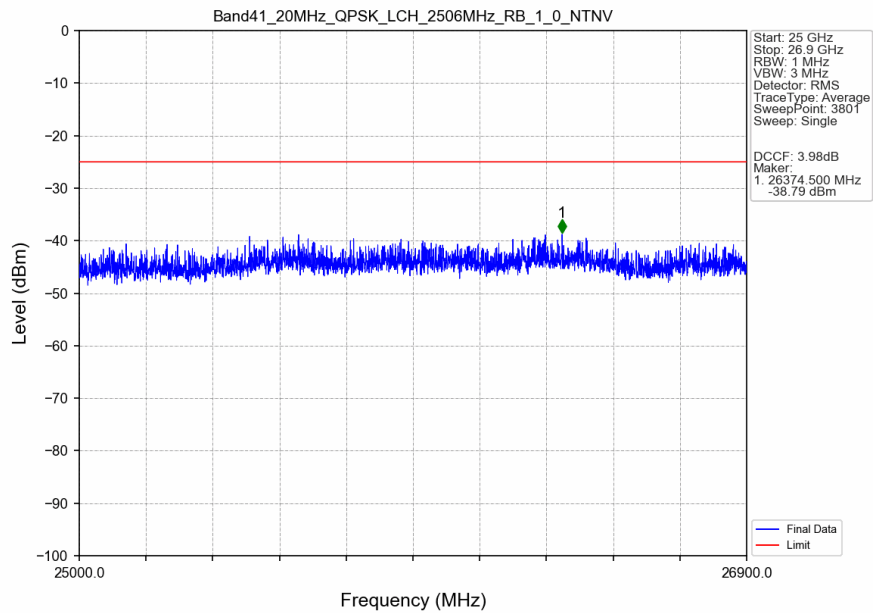
5.2.4 B41_20MHz



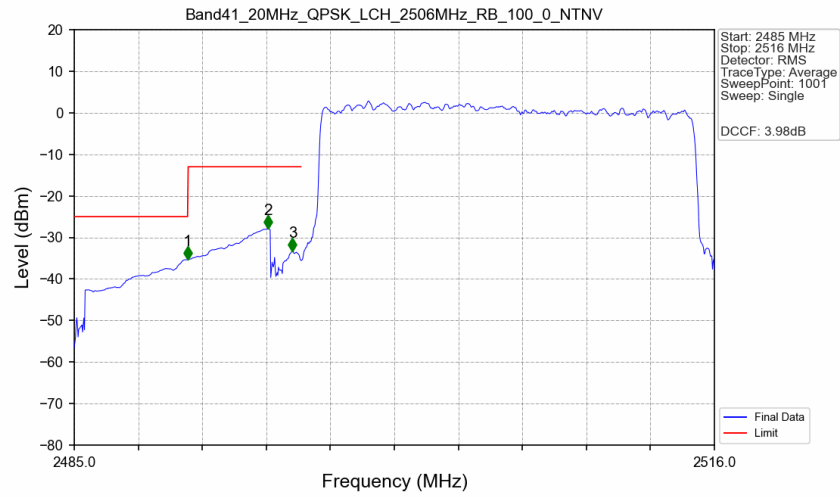
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

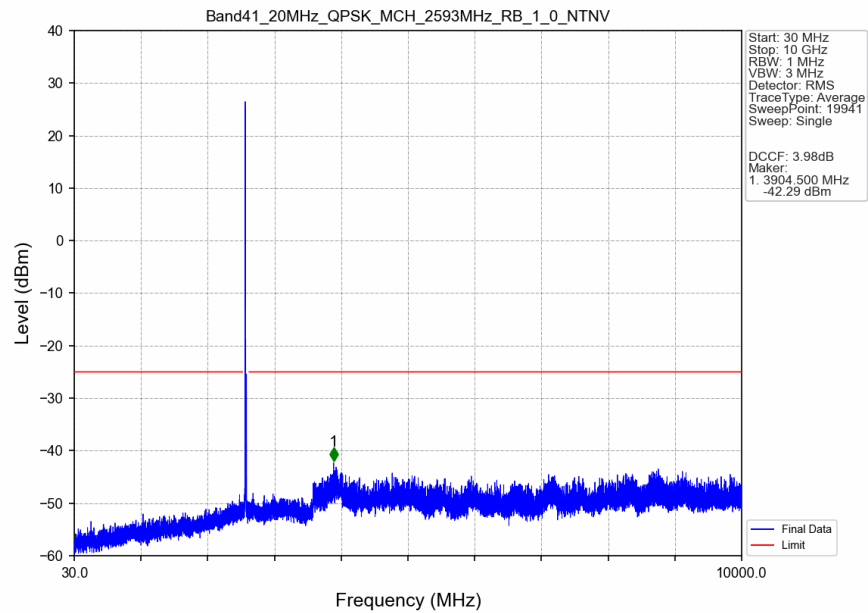


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

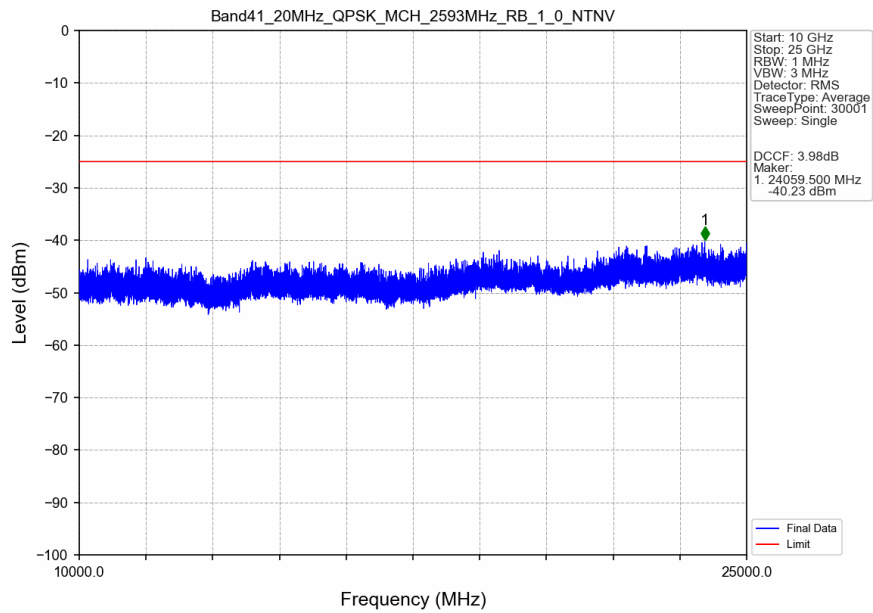


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.487	-35.32	-25	Pass
2490.5	2495	1	CHP	2	2494.393	-27.93	-13	Pass
2495	2496	0.202	CHP	3	2495.571	-33.29	-13	Pass
2496	2516	0.202	CHP	/	/	/	/	/

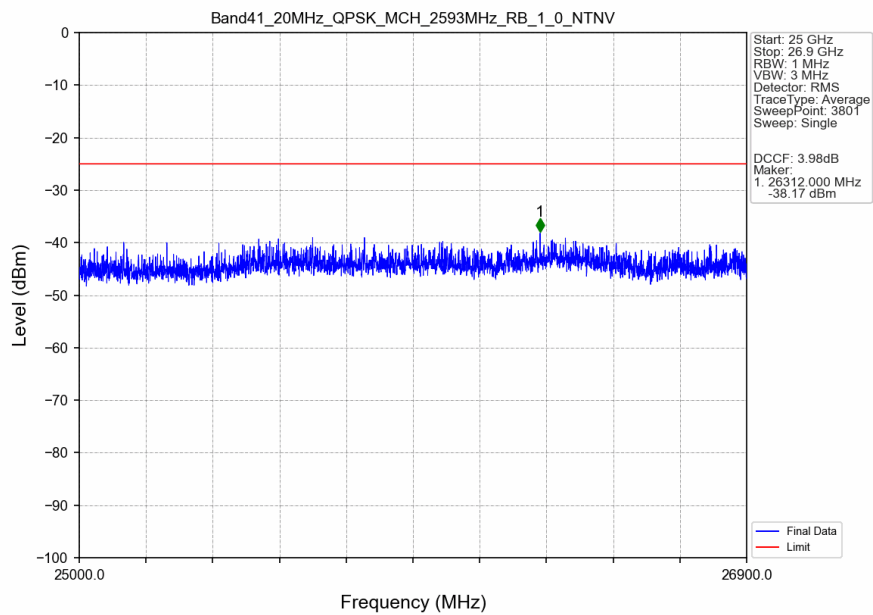
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



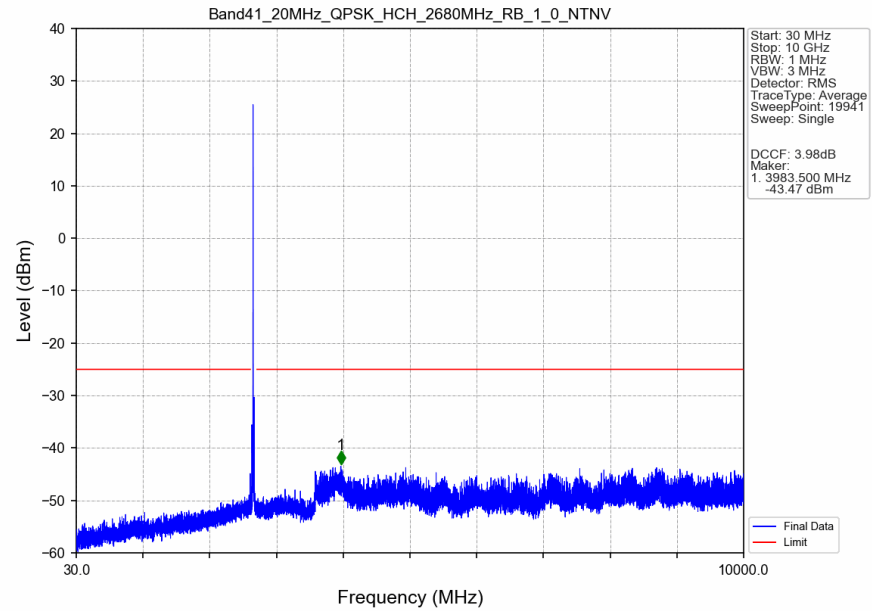
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



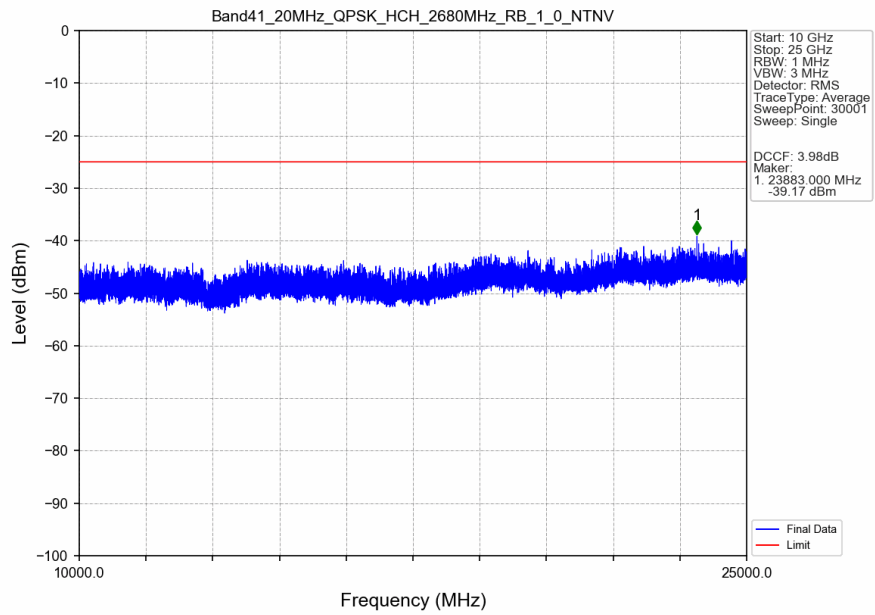
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



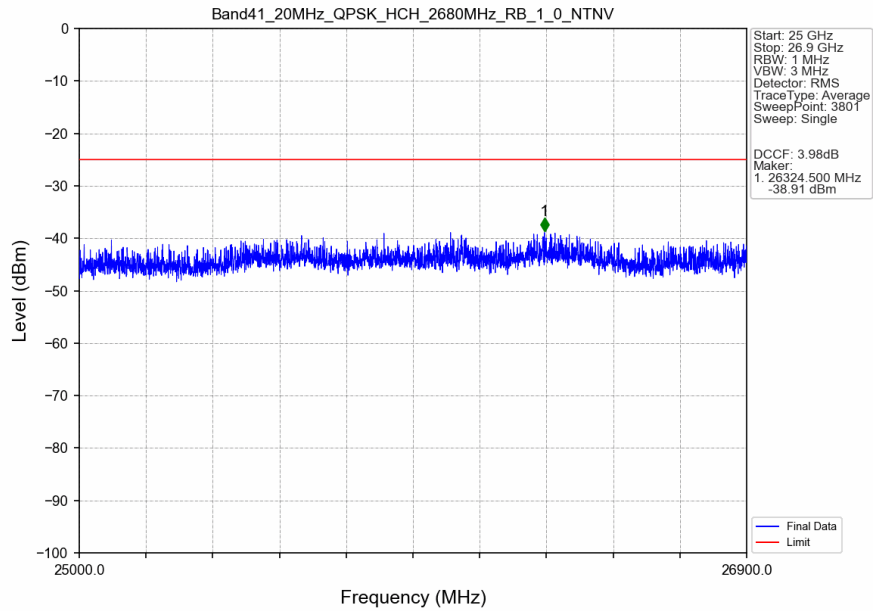
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



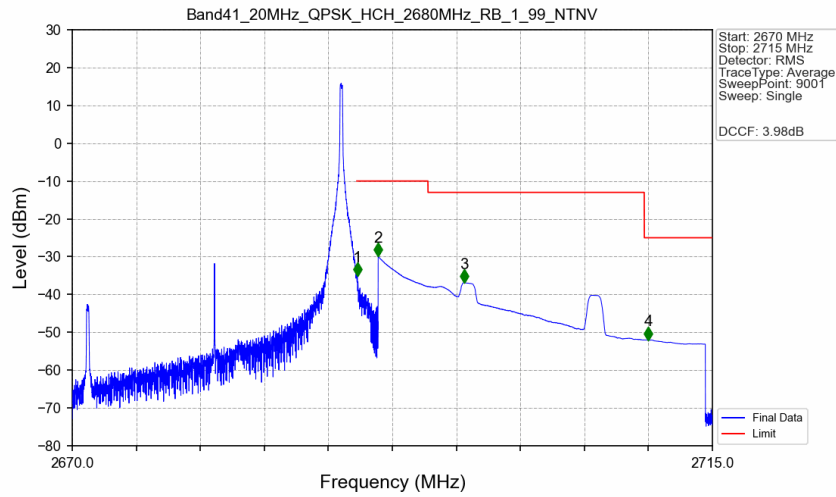
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV

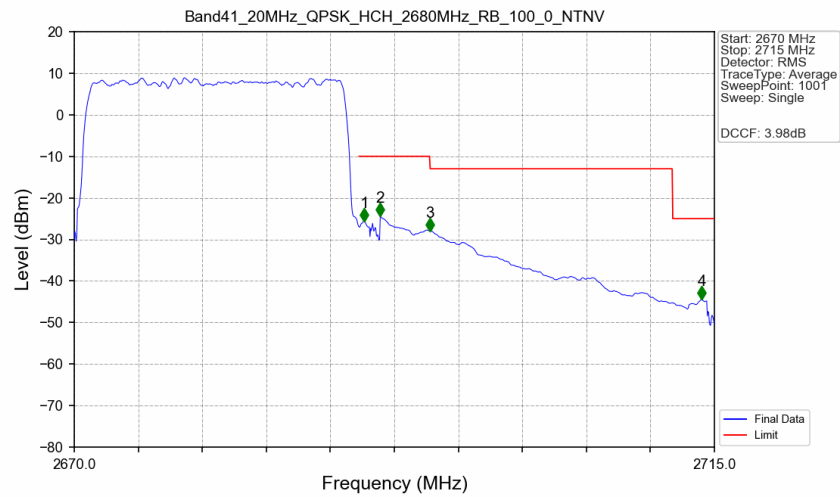


Band41 20MHz QPSK HCH 2680MHz RB 1 99 NTNV



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	2690.035	-35.04	-10	Pass
2691	2695	1	CHP	2	2691.515	-29.86	-10	Pass
2695	2710.205	1	CHP	3	2697.530	-36.88	-13	Pass
2710.205	2715	1	CHP	4	2710.485	-51.99	-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	0.441	CHP	/	/	/	/	/
2690	2691	0.441	CHP	1	2690.385	-25.61	-10	Pass
2691	2695	1	CHP	2	2691.510	-24.44	-10	Pass
2695	2712.06	1	CHP	3	2695.020	-27.97	-13	Pass
2712.06	2715	1	CHP	4	2714.100	-44.50	-25	Pass