

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	24.74	-0.60	24.14	<=33.01	Pass
			13	24.69	-0.60	24.09	<=33.01	Pass
			24	24.77	-0.60	24.17	<=33.01	Pass
		12	0	23.80	-0.60	23.20	<=33.01	Pass
			6	23.87	-0.60	23.27	<=33.01	Pass
			13	23.87	-0.60	23.27	<=33.01	Pass
		25	0	23.83	-0.60	23.23	<=33.01	Pass
	2593	1	0	24.83	-0.60	24.23	<=33.01	Pass
			13	24.85	-0.60	24.25	<=33.01	Pass
			24	24.76	-0.60	24.16	<=33.01	Pass
		12	0	23.90	-0.60	23.30	<=33.01	Pass
			6	23.95	-0.60	23.35	<=33.01	Pass
			13	23.81	-0.60	23.21	<=33.01	Pass
		25	0	23.82	-0.60	23.22	<=33.01	Pass
	2687.5	1	0	24.21	-0.60	23.61	<=33.01	Pass
			13	24.37	-0.60	23.77	<=33.01	Pass
			24	24.18	-0.60	23.58	<=33.01	Pass
		12	0	23.31	-0.60	22.71	<=33.01	Pass
			6	23.35	-0.60	22.75	<=33.01	Pass
			13	23.33	-0.60	22.73	<=33.01	Pass
		25	0	23.33	-0.60	22.73	<=33.01	Pass
16QAM	2498.5	1	0	23.49	-0.60	22.89	<=33.01	Pass
			13	23.58	-0.60	22.98	<=33.01	Pass
			24	23.62	-0.60	23.02	<=33.01	Pass
		12	0	22.51	-0.60	21.91	<=33.01	Pass
			6	22.71	-0.60	22.11	<=33.01	Pass
			13	22.76	-0.60	22.16	<=33.01	Pass
		25	0	22.79	-0.60	22.19	<=33.01	Pass
	2593	1	0	23.85	-0.60	23.25	<=33.01	Pass
			13	23.77	-0.60	23.17	<=33.01	Pass
			24	23.41	-0.60	22.81	<=33.01	Pass
		12	0	22.92	-0.60	22.32	<=33.01	Pass
			6	22.66	-0.60	22.06	<=33.01	Pass
			13	22.85	-0.60	22.25	<=33.01	Pass
		25	0	22.81	-0.60	22.21	<=33.01	Pass
	2687.5	1	0	22.83	-0.60	22.23	<=33.01	Pass
			13	23.23	-0.60	22.63	<=33.01	Pass
			24	23.18	-0.60	22.58	<=33.01	Pass
		12	0	22.26	-0.60	21.66	<=33.01	Pass
			6	22.36	-0.60	21.76	<=33.01	Pass
			13	22.37	-0.60	21.77	<=33.01	Pass
		25	0	22.30	-0.60	21.70	<=33.01	Pass
64QAM	2498.5	1	0	23.32	-0.60	22.72	<=33.01	Pass
			13	23.47	-0.60	22.87	<=33.01	Pass
			24	23.49	-0.60	22.89	<=33.01	Pass
		12	0	22.50	-0.60	21.90	<=33.01	Pass
			6	22.62	-0.60	22.02	<=33.01	Pass
			13	22.74	-0.60	22.14	<=33.01	Pass
		25	0	22.58	-0.60	21.98	<=33.01	Pass

	2593	1	0	23.62	-0.60	23.02	<=33.01	Pass	
			13	23.84	-0.60	23.24	<=33.01	Pass	
			24	23.69	-0.60	23.09	<=33.01	Pass	
		12	0	22.76	-0.60	22.16	<=33.01	Pass	
			6	22.97	-0.60	22.37	<=33.01	Pass	
			13	22.79	-0.60	22.19	<=33.01	Pass	
		25	0	22.82	-0.60	22.22	<=33.01	Pass	
		2687.5	1	0	23.06	-0.60	22.46	<=33.01	Pass
				13	23.13	-0.60	22.53	<=33.01	Pass
	24			23.03	-0.60	22.43	<=33.01	Pass	
	12		0	22.31	-0.60	21.71	<=33.01	Pass	
			6	22.39	-0.60	21.79	<=33.01	Pass	
			13	22.28	-0.60	21.68	<=33.01	Pass	
	25	0	22.38	-0.60	21.78	<=33.01	Pass		
256QAM	2498.5	1	0	19.67	-0.60	19.07	<=33.01	Pass	
			13	19.63	-0.60	19.03	<=33.01	Pass	
			24	19.68	-0.60	19.08	<=33.01	Pass	
		12	0	19.69	-0.60	19.09	<=33.01	Pass	
			6	19.69	-0.60	19.09	<=33.01	Pass	
			13	19.70	-0.60	19.10	<=33.01	Pass	
		25	0	19.72	-0.60	19.12	<=33.01	Pass	
	2593	1	0	19.60	-0.60	19.00	<=33.01	Pass	
			13	19.87	-0.60	19.27	<=33.01	Pass	
			24	19.72	-0.60	19.12	<=33.01	Pass	
		12	0	19.91	-0.60	19.31	<=33.01	Pass	
			6	19.88	-0.60	19.28	<=33.01	Pass	
			13	19.74	-0.60	19.14	<=33.01	Pass	
		25	0	19.82	-0.60	19.22	<=33.01	Pass	
	2687.5	1	0	19.22	-0.60	18.62	<=33.01	Pass	
			13	19.34	-0.60	18.74	<=33.01	Pass	
			24	19.08	-0.60	18.48	<=33.01	Pass	
		12	0	19.30	-0.60	18.70	<=33.01	Pass	
			6	19.36	-0.60	18.76	<=33.01	Pass	
			13	19.31	-0.60	18.71	<=33.01	Pass	
		25	0	19.28	-0.60	18.68	<=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	24.31	-0.60	23.71	<=33.01	Pass
			25	24.53	-0.60	23.93	<=33.01	Pass
			49	24.59	-0.60	23.99	<=33.01	Pass
		25	0	23.55	-0.60	22.95	<=33.01	Pass
			13	23.70	-0.60	23.10	<=33.01	Pass
			25	23.76	-0.60	23.16	<=33.01	Pass
		50	0	23.77	-0.60	23.17	<=33.01	Pass
	2593	1	0	24.83	-0.60	24.23	<=33.01	Pass
			25	24.92	-0.60	24.32	<=33.01	Pass
			49	24.76	-0.60	24.16	<=33.01	Pass
		25	0	23.88	-0.60	23.28	<=33.01	Pass
			13	23.87	-0.60	23.27	<=33.01	Pass
			25	23.84	-0.60	23.24	<=33.01	Pass
		50	0	23.82	-0.60	23.22	<=33.01	Pass
	2685	1	0	24.20	-0.60	23.60	<=33.01	Pass

		25	25	24.32	-0.60	23.72	<=33.01	Pass
			49	24.23	-0.60	23.63	<=33.01	Pass
			0	23.30	-0.60	22.70	<=33.01	Pass
			13	23.36	-0.60	22.76	<=33.01	Pass
			25	23.24	-0.60	22.64	<=33.01	Pass
			50	23.33	-0.60	22.73	<=33.01	Pass
16QAM	2501	1	0	23.24	-0.60	22.64	<=33.01	Pass
			25	23.57	-0.60	22.97	<=33.01	Pass
			49	23.50	-0.60	22.90	<=33.01	Pass
		25	0	22.53	-0.60	21.93	<=33.01	Pass
			13	22.63	-0.60	22.03	<=33.01	Pass
			25	22.73	-0.60	22.13	<=33.01	Pass
		50	0	22.81	-0.60	22.21	<=33.01	Pass
	2593	1	0	23.70	-0.60	23.10	<=33.01	Pass
			25	23.89	-0.60	23.29	<=33.01	Pass
			49	23.61	-0.60	23.01	<=33.01	Pass
		25	0	22.85	-0.60	22.25	<=33.01	Pass
			13	22.86	-0.60	22.26	<=33.01	Pass
			25	22.80	-0.60	22.20	<=33.01	Pass
		50	0	22.83	-0.60	22.23	<=33.01	Pass
	2685	1	0	23.29	-0.60	22.69	<=33.01	Pass
			25	23.26	-0.60	22.66	<=33.01	Pass
			49	23.08	-0.60	22.48	<=33.01	Pass
		25	0	22.32	-0.60	21.72	<=33.01	Pass
			13	22.39	-0.60	21.79	<=33.01	Pass
			25	22.26	-0.60	21.66	<=33.01	Pass
		50	0	22.31	-0.60	21.71	<=33.01	Pass
64QAM	2501	1	0	23.12	-0.60	22.52	<=33.01	Pass
			25	23.40	-0.60	22.80	<=33.01	Pass
			49	23.56	-0.60	22.96	<=33.01	Pass
		25	0	22.57	-0.60	21.97	<=33.01	Pass
			13	22.62	-0.60	22.02	<=33.01	Pass
			25	22.79	-0.60	22.19	<=33.01	Pass
		50	0	22.82	-0.60	22.22	<=33.01	Pass
	2593	1	0	23.73	-0.60	23.13	<=33.01	Pass
			25	23.64	-0.60	23.04	<=33.01	Pass
			49	23.68	-0.60	23.08	<=33.01	Pass
		25	0	22.84	-0.60	22.24	<=33.01	Pass
			13	22.75	-0.60	22.15	<=33.01	Pass
			25	22.89	-0.60	22.29	<=33.01	Pass
		50	0	22.85	-0.60	22.25	<=33.01	Pass
	2685	1	0	23.10	-0.60	22.50	<=33.01	Pass
			25	23.25	-0.60	22.65	<=33.01	Pass
			49	23.21	-0.60	22.61	<=33.01	Pass
		25	0	22.33	-0.60	21.73	<=33.01	Pass
			13	22.39	-0.60	21.79	<=33.01	Pass
			25	22.23	-0.60	21.63	<=33.01	Pass
		50	0	22.30	-0.60	21.70	<=33.01	Pass
256QAM	2501	1	0	19.56	-0.60	18.96	<=33.01	Pass
			25	19.80	-0.60	19.20	<=33.01	Pass
			49	19.68	-0.60	19.08	<=33.01	Pass
		25	0	19.78	-0.60	19.18	<=33.01	Pass
			13	19.89	-0.60	19.29	<=33.01	Pass
			25	19.75	-0.60	19.15	<=33.01	Pass
		50	0	19.74	-0.60	19.14	<=33.01	Pass
	2593	1	0	19.61	-0.60	19.01	<=33.01	Pass
			25	19.85	-0.60	19.25	<=33.01	Pass
			49	19.71	-0.60	19.11	<=33.01	Pass
		25	0	19.84	-0.60	19.24	<=33.01	Pass

			13	19.84	-0.60	19.24	<=33.01	Pass
			25	19.74	-0.60	19.14	<=33.01	Pass
		50	0	19.80	-0.60	19.20	<=33.01	Pass
	2685	1	0	19.23	-0.60	18.63	<=33.01	Pass
			25	19.29	-0.60	18.69	<=33.01	Pass
			49	19.09	-0.60	18.49	<=33.01	Pass
		25	0	19.31	-0.60	18.71	<=33.01	Pass
			13	19.37	-0.60	18.77	<=33.01	Pass
			25	19.24	-0.60	18.64	<=33.01	Pass
		50	0	19.34	-0.60	18.74	<=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	24.25	-0.60	23.65	<=33.01	Pass
			38	24.55	-0.60	23.95	<=33.01	Pass
			74	24.59	-0.60	23.99	<=33.01	Pass
		36	0	23.51	-0.60	22.91	<=33.01	Pass
			18	23.67	-0.60	23.07	<=33.01	Pass
			39	23.50	-0.60	22.90	<=33.01	Pass
		75	0	23.75	-0.60	23.15	<=33.01	Pass
	2593	1	0	24.70	-0.60	24.10	<=33.01	Pass
			38	24.70	-0.60	24.10	<=33.01	Pass
			74	24.64	-0.60	24.04	<=33.01	Pass
		36	0	23.77	-0.60	23.17	<=33.01	Pass
			18	23.70	-0.60	23.10	<=33.01	Pass
			39	23.68	-0.60	23.08	<=33.01	Pass
		75	0	23.66	-0.60	23.06	<=33.01	Pass
	2682.5	1	0	24.06	-0.60	23.46	<=33.01	Pass
			38	24.05	-0.60	23.45	<=33.01	Pass
			74	24.17	-0.60	23.57	<=33.01	Pass
		36	0	23.01	-0.60	22.41	<=33.01	Pass
			18	23.16	-0.60	22.56	<=33.01	Pass
			39	23.07	-0.60	22.47	<=33.01	Pass
		75	0	23.17	-0.60	22.57	<=33.01	Pass
16QAM	2503.5	1	0	23.12	-0.60	22.52	<=33.01	Pass
			38	23.45	-0.60	22.85	<=33.01	Pass
			74	23.36	-0.60	22.76	<=33.01	Pass
		36	0	22.53	-0.60	21.93	<=33.01	Pass
			18	22.56	-0.60	21.96	<=33.01	Pass
			39	22.70	-0.60	22.10	<=33.01	Pass
		75	0	22.72	-0.60	22.12	<=33.01	Pass
	2593	1	0	23.54	-0.60	22.94	<=33.01	Pass
			38	23.66	-0.60	23.06	<=33.01	Pass
			74	23.59	-0.60	22.99	<=33.01	Pass
		36	0	22.70	-0.60	22.10	<=33.01	Pass
			18	22.66	-0.60	22.06	<=33.01	Pass
			39	22.45	-0.60	21.85	<=33.01	Pass
		75	0	22.73	-0.60	22.13	<=33.01	Pass
	2682.5	1	0	23.17	-0.60	22.57	<=33.01	Pass
			38	23.04	-0.60	22.44	<=33.01	Pass
			74	22.93	-0.60	22.33	<=33.01	Pass
		36	0	22.12	-0.60	21.52	<=33.01	Pass
			18	22.12	-0.60	21.52	<=33.01	Pass

			39	22.10	-0.60	21.50	<=33.01	Pass	
		75	0	22.16	-0.60	21.56	<=33.01	Pass	
64QAM	2503.5	1	0	23.18	-0.60	22.58	<=33.01	Pass	
			38	23.54	-0.60	22.94	<=33.01	Pass	
			74	23.67	-0.60	23.07	<=33.01	Pass	
			0	22.52	-0.60	21.92	<=33.01	Pass	
		36	18	22.62	-0.60	22.02	<=33.01	Pass	
			39	22.69	-0.60	22.09	<=33.01	Pass	
			75	0	22.80	-0.60	22.20	<=33.01	Pass
		2593	1	0	23.59	-0.60	22.99	<=33.01	Pass
				38	23.54	-0.60	22.94	<=33.01	Pass
	74			23.44	-0.60	22.84	<=33.01	Pass	
	36		0	22.66	-0.60	22.06	<=33.01	Pass	
			18	22.70	-0.60	22.10	<=33.01	Pass	
			39	22.58	-0.60	21.98	<=33.01	Pass	
	75		0	22.68	-0.60	22.08	<=33.01	Pass	
	2682.5	1	0	22.81	-0.60	22.21	<=33.01	Pass	
			38	22.85	-0.60	22.25	<=33.01	Pass	
			74	22.96	-0.60	22.36	<=33.01	Pass	
		36	0	22.15	-0.60	21.55	<=33.01	Pass	
			18	22.17	-0.60	21.57	<=33.01	Pass	
			39	22.10	-0.60	21.50	<=33.01	Pass	
		75	0	22.15	-0.60	21.55	<=33.01	Pass	
		256QAM	2503.5	1	0	19.52	-0.60	18.92	<=33.01
	38				19.75	-0.60	19.15	<=33.01	Pass
74	19.60				-0.60	19.00	<=33.01	Pass	
36	0			19.76	-0.60	19.16	<=33.01	Pass	
	18			19.73	-0.60	19.13	<=33.01	Pass	
	39			19.78	-0.60	19.18	<=33.01	Pass	
75	0			19.78	-0.60	19.18	<=33.01	Pass	
2593	1		0	19.62	-0.60	19.02	<=33.01	Pass	
			38	19.57	-0.60	18.97	<=33.01	Pass	
			74	19.65	-0.60	19.05	<=33.01	Pass	
	36		0	19.66	-0.60	19.06	<=33.01	Pass	
			18	9.24	-0.60	8.64	<=33.01	Pass	
			39	9.24	-0.60	8.64	<=33.01	Pass	
75	0		7.22	-0.60	6.62	<=33.01	Pass		
2682.5	1		0	19.03	-0.60	18.43	<=33.01	Pass	
			38	19.04	-0.60	18.44	<=33.01	Pass	
			74	19.05	-0.60	18.45	<=33.01	Pass	
	36		0	19.15	-0.60	18.55	<=33.01	Pass	
			18	19.18	-0.60	18.58	<=33.01	Pass	
			39	19.09	-0.60	18.49	<=33.01	Pass	
	75		0	19.19	-0.60	18.59	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	24.56	-0.60	23.96	<=33.01	Pass
			50	24.63	-0.60	24.03	<=33.01	Pass
			99	24.44	-0.60	23.84	<=33.01	Pass
		50	0	23.73	-0.60	23.13	<=33.01	Pass
			25	23.76	-0.60	23.16	<=33.01	Pass
			50	23.71	-0.60	23.11	<=33.01	Pass

		100	0	23.77	-0.60	23.17	<=33.01	Pass
		2593	1	0	24.79	-0.60	24.19	<=33.01
				50	24.67	-0.60	24.07	<=33.01
				99	24.62	-0.60	24.02	<=33.01
			50	0	23.78	-0.60	23.18	<=33.01
				25	23.67	-0.60	23.07	<=33.01
				50	23.68	-0.60	23.08	<=33.01
		100	0	23.68	-0.60	23.08	<=33.01	Pass
		2680	1	0	24.17	-0.60	23.57	<=33.01
				50	24.14	-0.60	23.54	<=33.01
				99	24.18	-0.60	23.58	<=33.01
			50	0	23.26	-0.60	22.66	<=33.01
				25	23.28	-0.60	22.68	<=33.01
				50	23.25	-0.60	22.65	<=33.01
		100	0	23.25	-0.60	22.65	<=33.01	Pass
16QAM	2506	1	0	23.30	-0.60	22.70	<=33.01	Pass
			50	23.57	-0.60	22.97	<=33.01	Pass
			99	23.58	-0.60	22.98	<=33.01	Pass
			0	22.73	-0.60	22.13	<=33.01	Pass
		50	25	22.75	-0.60	22.15	<=33.01	Pass
			50	22.60	-0.60	22.00	<=33.01	Pass
		100	0	22.78	-0.60	22.18	<=33.01	Pass
	2593	1	0	23.65	-0.60	23.05	<=33.01	Pass
			50	23.58	-0.60	22.98	<=33.01	Pass
			99	23.37	-0.60	22.77	<=33.01	Pass
		50	0	22.77	-0.60	22.17	<=33.01	Pass
			25	22.68	-0.60	22.08	<=33.01	Pass
			50	22.71	-0.60	22.11	<=33.01	Pass
		100	0	22.70	-0.60	22.10	<=33.01	Pass
	2680	1	0	23.25	-0.60	22.65	<=33.01	Pass
			50	23.21	-0.60	22.61	<=33.01	Pass
			99	23.26	-0.60	22.66	<=33.01	Pass
		50	0	22.28	-0.60	21.68	<=33.01	Pass
			25	22.27	-0.60	21.67	<=33.01	Pass
			50	22.21	-0.60	21.61	<=33.01	Pass
		100	0	22.29	-0.60	21.69	<=33.01	Pass
64QAM	2506	1	0	23.13	-0.60	22.53	<=33.01	Pass
			50	23.46	-0.60	22.86	<=33.01	Pass
			99	23.52	-0.60	22.92	<=33.01	Pass
		50	0	22.61	-0.60	22.01	<=33.01	Pass
			25	22.76	-0.60	22.16	<=33.01	Pass
			50	22.60	-0.60	22.00	<=33.01	Pass
		100	0	22.74	-0.60	22.14	<=33.01	Pass
	2593	1	0	23.54	-0.60	22.94	<=33.01	Pass
			50	23.45	-0.60	22.85	<=33.01	Pass
			99	23.29	-0.60	22.69	<=33.01	Pass
		50	0	22.66	-0.60	22.06	<=33.01	Pass
			25	22.67	-0.60	22.07	<=33.01	Pass
			50	22.63	-0.60	22.03	<=33.01	Pass
		100	0	22.54	-0.60	21.94	<=33.01	Pass
	2680	1	0	22.96	-0.60	22.36	<=33.01	Pass
			50	23.04	-0.60	22.44	<=33.01	Pass
			99	23.10	-0.60	22.50	<=33.01	Pass
		50	0	22.30	-0.60	21.70	<=33.01	Pass
			25	22.30	-0.60	21.70	<=33.01	Pass
			50	22.22	-0.60	21.62	<=33.01	Pass
		100	0	22.30	-0.60	21.70	<=33.01	Pass
256QAM	2506	1	0	19.42	-0.60	18.82	<=33.01	Pass
			50	19.66	-0.60	19.06	<=33.01	Pass

			99	19.69	-0.60	19.09	<=33.01	Pass
		50	0	19.71	-0.60	19.11	<=33.01	Pass
			25	19.70	-0.60	19.10	<=33.01	Pass
			50	19.73	-0.60	19.13	<=33.01	Pass
		100	0	19.76	-0.60	19.16	<=33.01	Pass
	2593	1	0	19.68	-0.60	19.08	<=33.01	Pass
			50	19.63	-0.60	19.03	<=33.01	Pass
			99	19.53	-0.60	18.93	<=33.01	Pass
		50	0	19.80	-0.60	19.20	<=33.01	Pass
			25	19.68	-0.60	19.08	<=33.01	Pass
			50	19.66	-0.60	19.06	<=33.01	Pass
		100	0	19.66	-0.60	19.06	<=33.01	Pass
		2680	1	0	19.22	-0.60	18.62	<=33.01
	50			19.15	-0.60	18.55	<=33.01	Pass
	99			19.06	-0.60	18.46	<=33.01	Pass
	50		0	19.26	-0.60	18.66	<=33.01	Pass
			25	19.26	-0.60	18.66	<=33.01	Pass
			50	19.19	-0.60	18.59	<=33.01	Pass
	100		0	19.28	-0.60	18.68	<=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	2.200	0.0008	-2.5 to 2.5	Pass
					NV	-2.900	-0.0011	-2.5 to 2.5	Pass
					HV	3.100	0.0012	-2.5 to 2.5	Pass
				-30	NV	-1.500	-0.0006	-2.5 to 2.5	Pass
				-20	NV	1.700	0.0007	-2.5 to 2.5	Pass
				-10	NV	5.100	0.0020	-2.5 to 2.5	Pass
				0	NV	0.700	0.0003	-2.5 to 2.5	Pass
				10	NV	3.000	0.0012	-2.5 to 2.5	Pass
				30	NV	2.000	0.0008	-2.5 to 2.5	Pass
				40	NV	5.700	0.0022	-2.5 to 2.5	Pass
				50	NV	3.800	0.0015	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

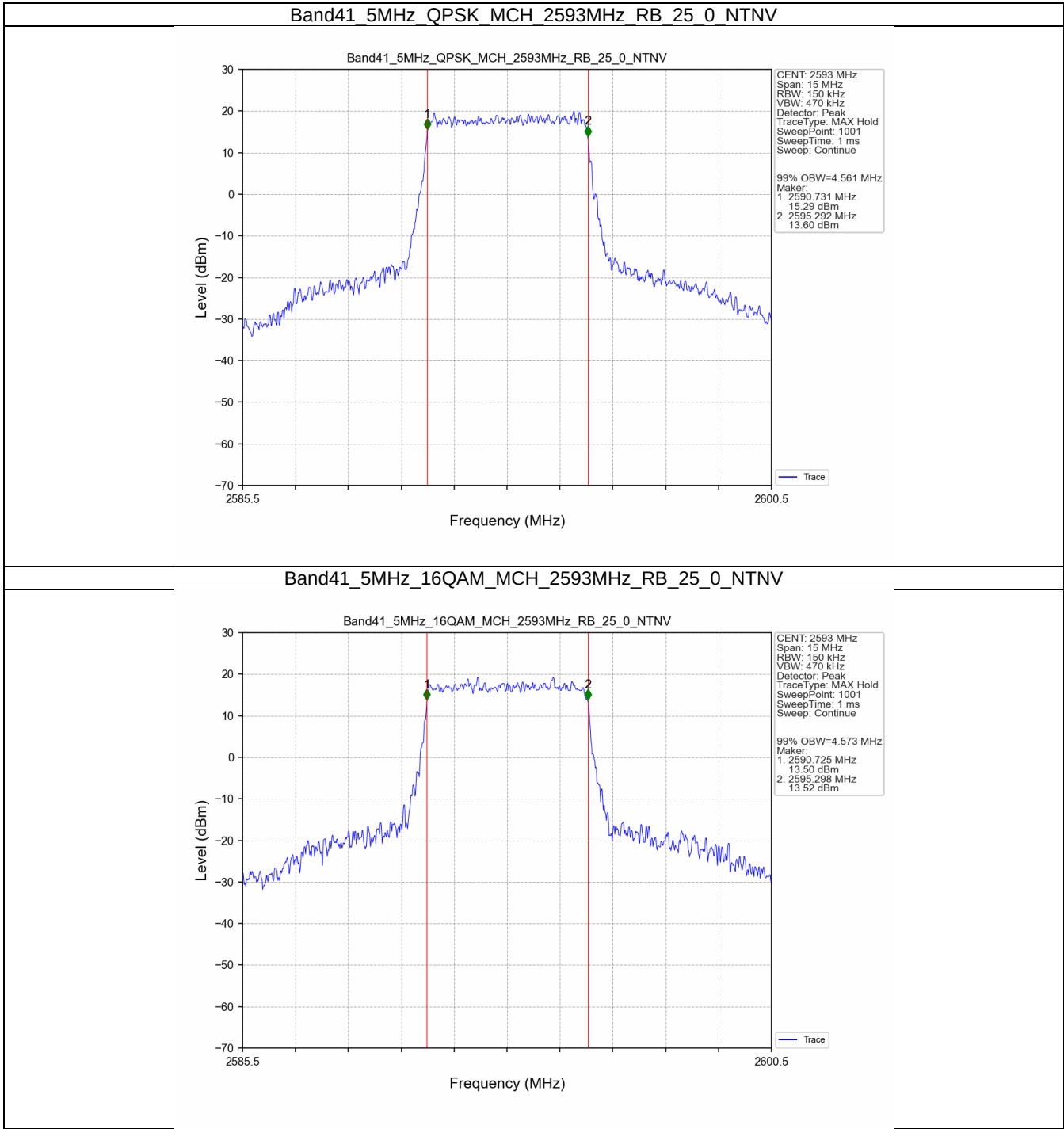
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.561	/	Pass
	16QAM	2593	25	0	4.573	/	Pass
	64QAM	2593	25	0	4.557	/	Pass
	256QAM	2593	25	0	4.563	/	Pass
10	QPSK	2593	50	0	9.097	/	Pass
	16QAM	2593	50	0	9.084	/	Pass
	64QAM	2593	50	0	9.038	/	Pass
	256QAM	2593	50	0	9.083	/	Pass
15	QPSK	2593	75	0	13.620	/	Pass
	16QAM	2593	75	0	13.618	/	Pass
	64QAM	2593	75	0	13.655	/	Pass
	256QAM	2593	75	0	13.663	/	Pass
20	QPSK	2593	100	0	18.171	/	Pass
	16QAM	2593	100	0	18.141	/	Pass
	64QAM	2593	100	0	18.148	/	Pass
	256QAM	2593	100	0	18.139	/	Pass

3.1.2 Band41_XDB

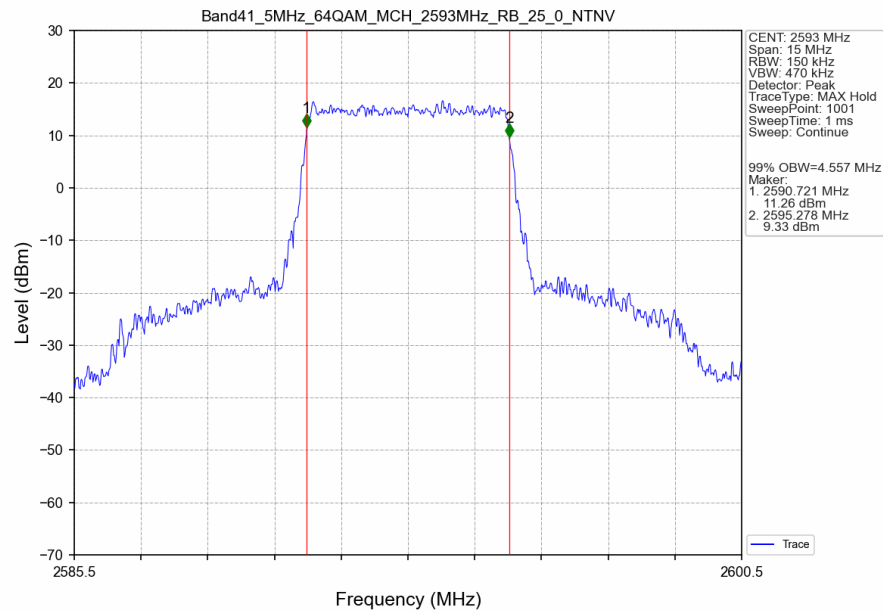
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.217	/	Pass
	16QAM	2593	25	0	5.297	/	Pass
	64QAM	2593	25	0	5.294	/	Pass
	256QAM	2593	25	0	5.220	/	Pass
10	QPSK	2593	50	0	10.272	/	Pass
	16QAM	2593	50	0	10.277	/	Pass
	64QAM	2593	50	0	10.216	/	Pass
	256QAM	2593	50	0	10.290	/	Pass
15	QPSK	2593	75	0	15.254	/	Pass
	16QAM	2593	75	0	15.092	/	Pass
	64QAM	2593	75	0	15.229	/	Pass
	256QAM	2593	75	0	15.078	/	Pass
20	QPSK	2593	100	0	20.272	/	Pass
	16QAM	2593	100	0	20.009	/	Pass
	64QAM	2593	100	0	20.132	/	Pass
	256QAM	2593	100	0	20.261	/	Pass

3.2 Test Graph

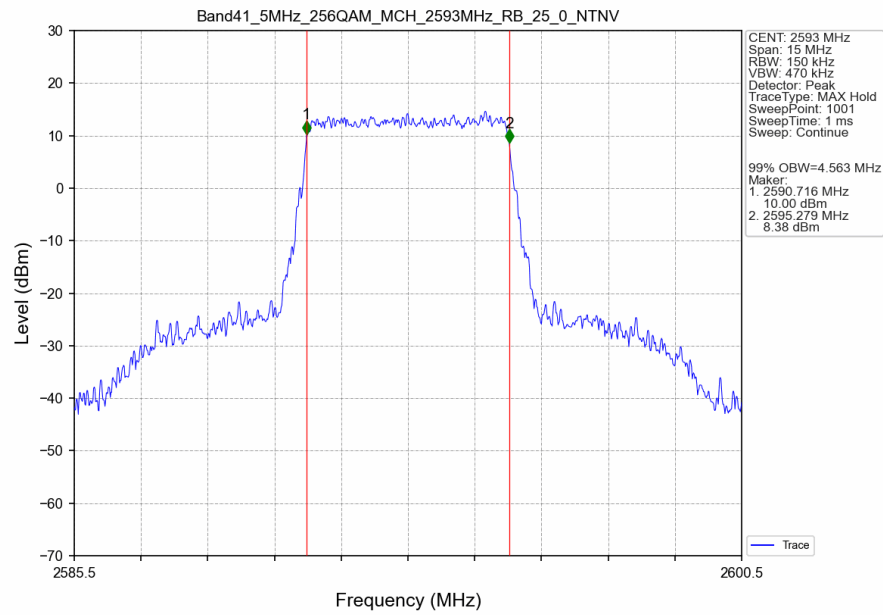
3.2.1 Band41_OBW



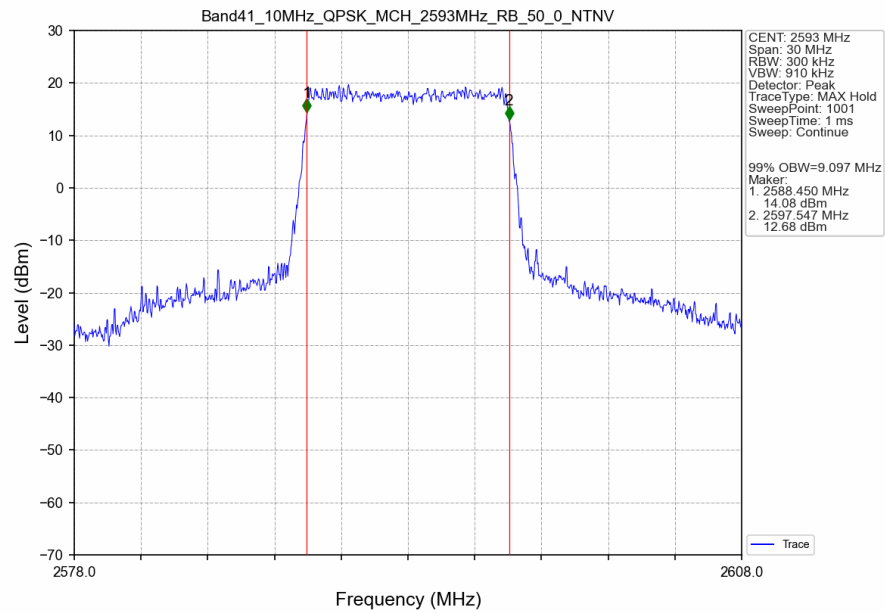
Band41 5MHz 64QAM MCH 2593MHz RB 25 0 NTNV



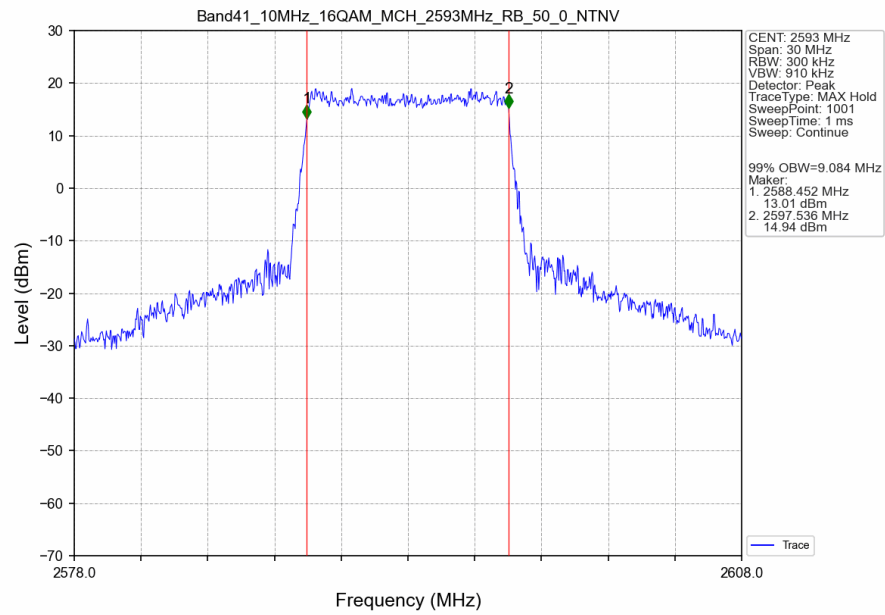
Band41 5MHz 256QAM MCH 2593MHz RB 25 0 NTNV



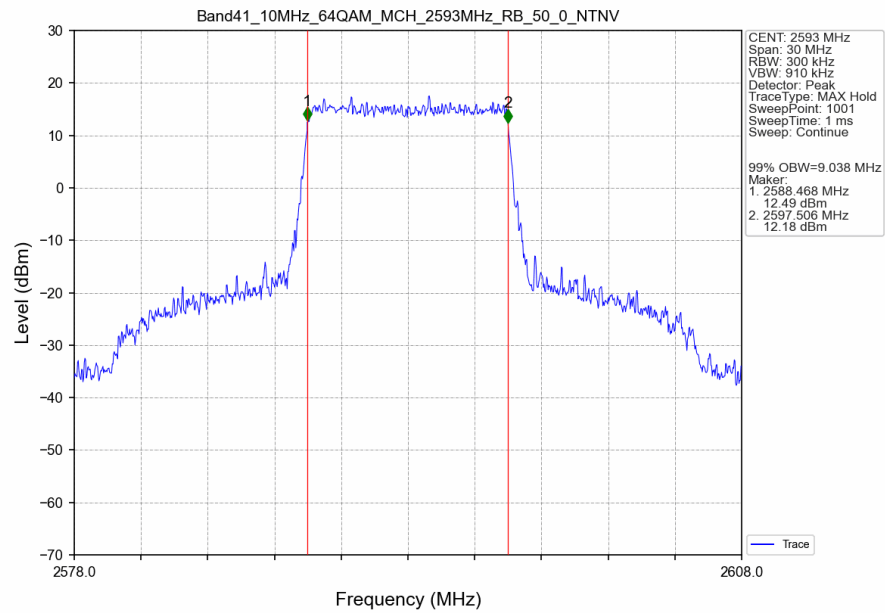
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTV



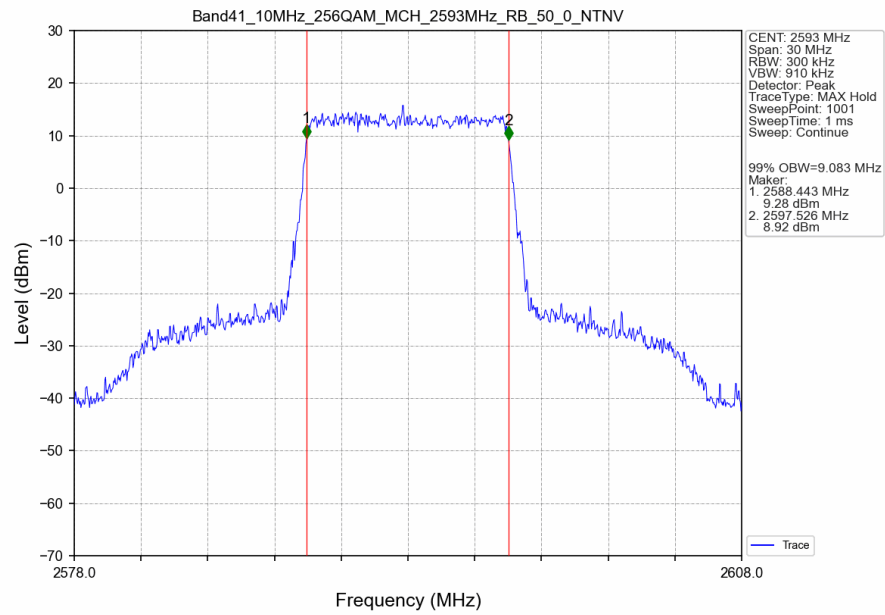
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTV



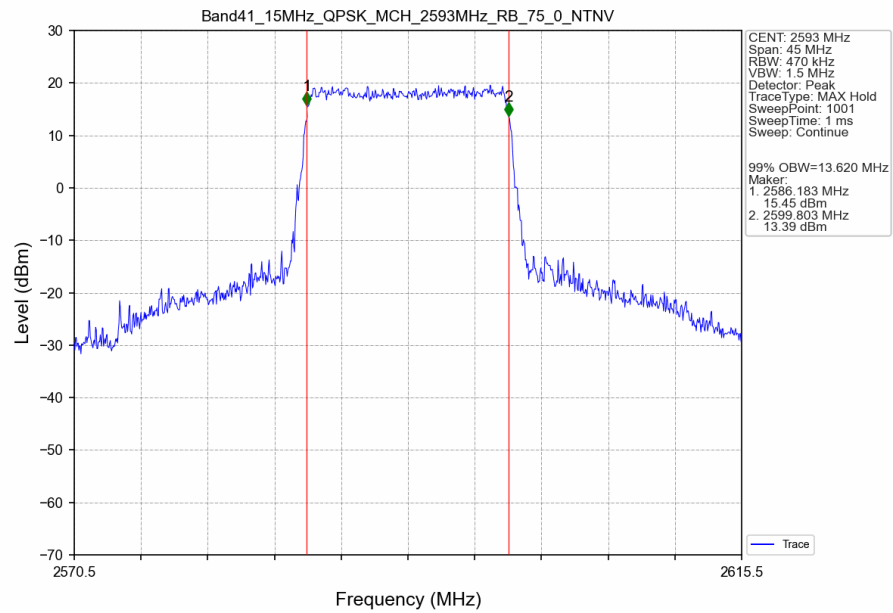
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTV



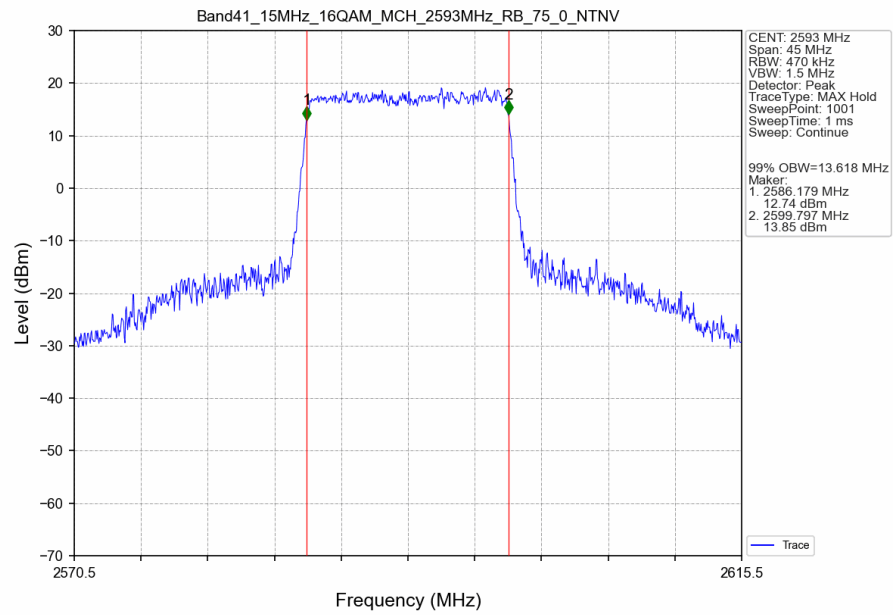
Band41 10MHz 256QAM MCH 2593MHz RB 50 0 NTV



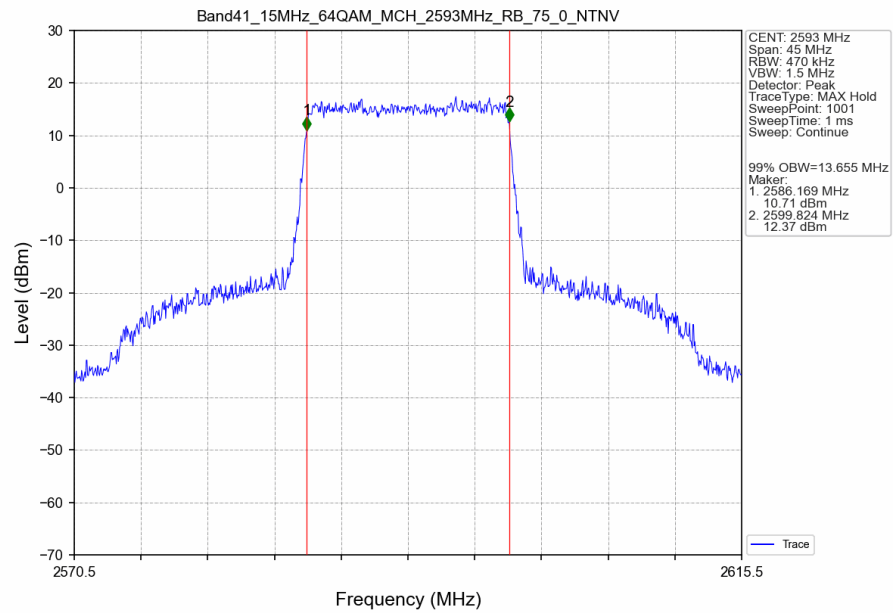
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



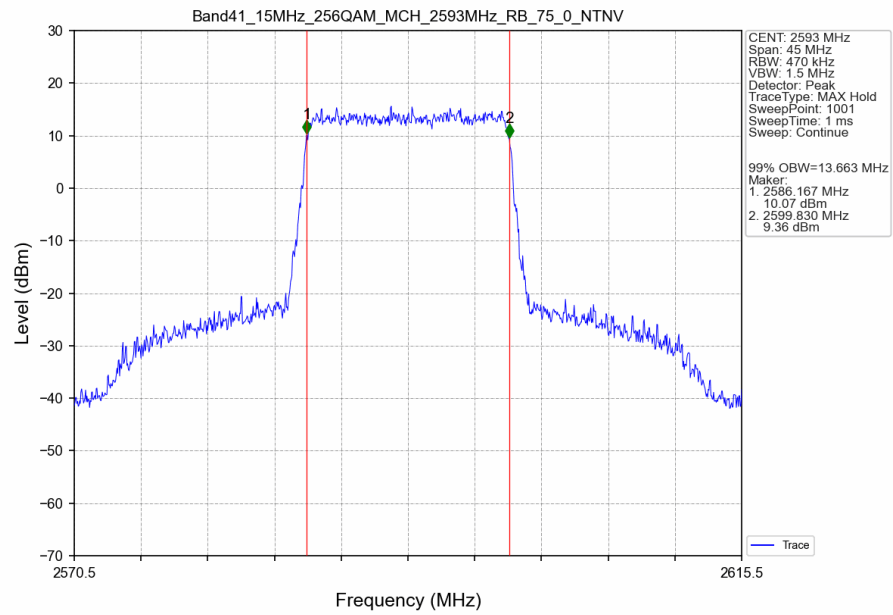
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



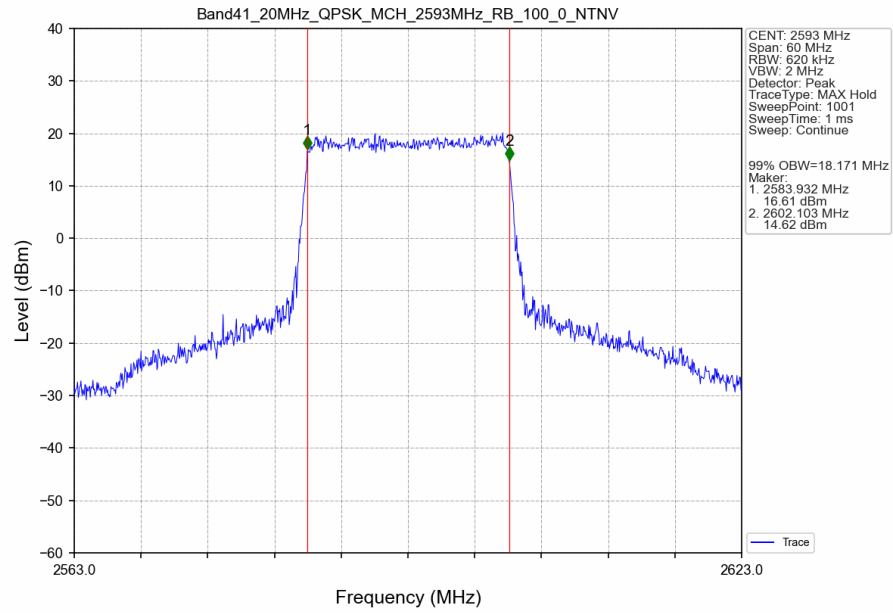
Band41 15MHz 64QAM MCH 2593MHz RB 75 0 NTNV



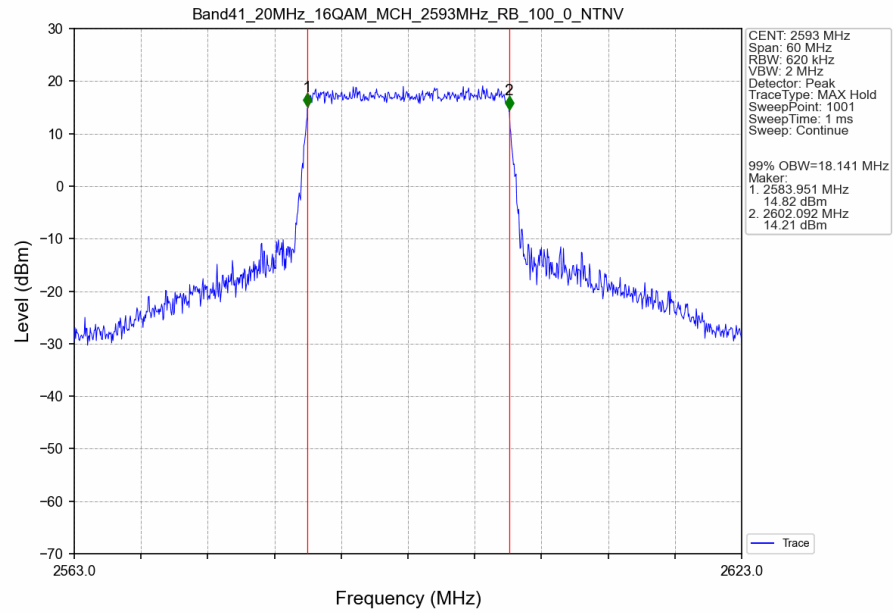
Band41 15MHz 256QAM MCH 2593MHz RB 75 0 NTNV



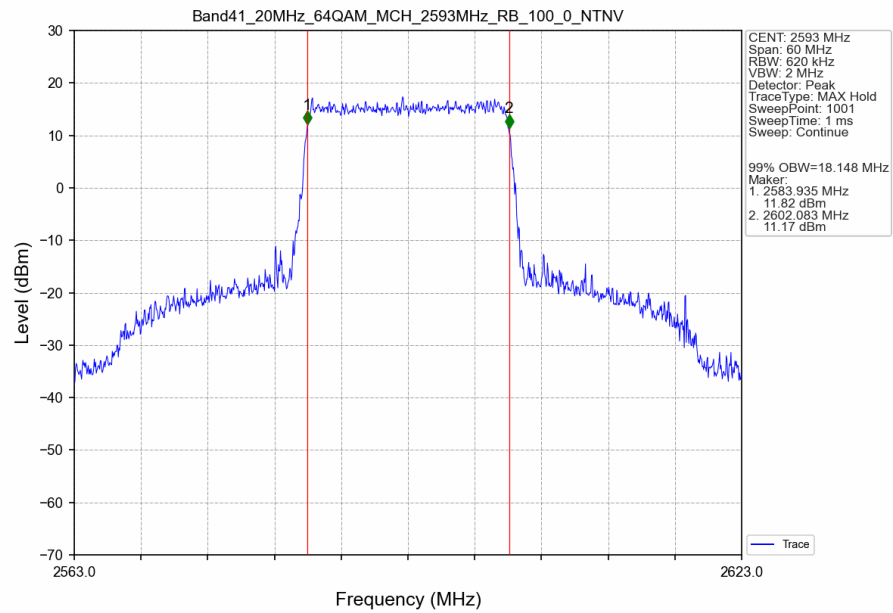
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTV



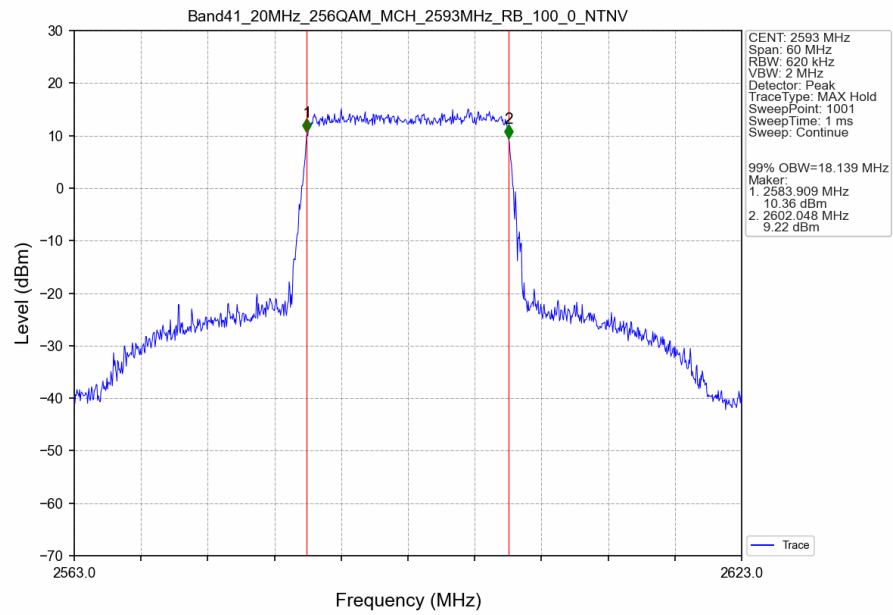
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTV



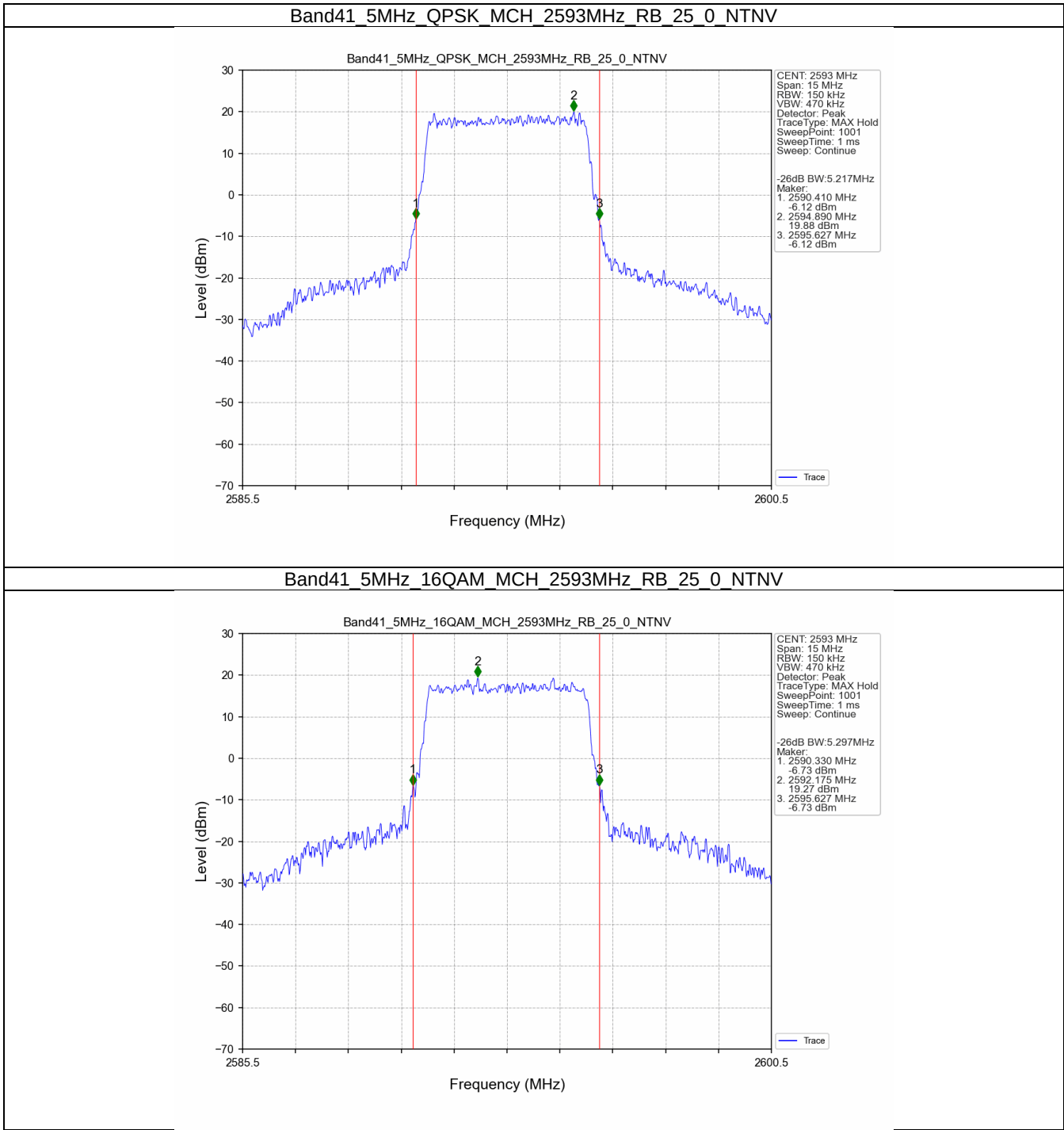
Band41 20MHz 64QAM MCH 2593MHz RB 100 0 NTV



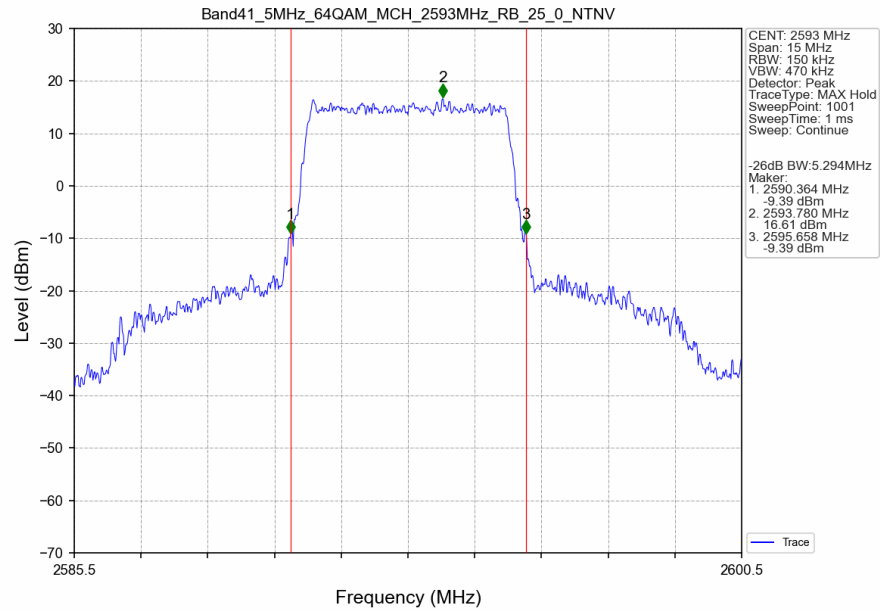
Band41 20MHz 256QAM MCH 2593MHz RB 100 0 NTV



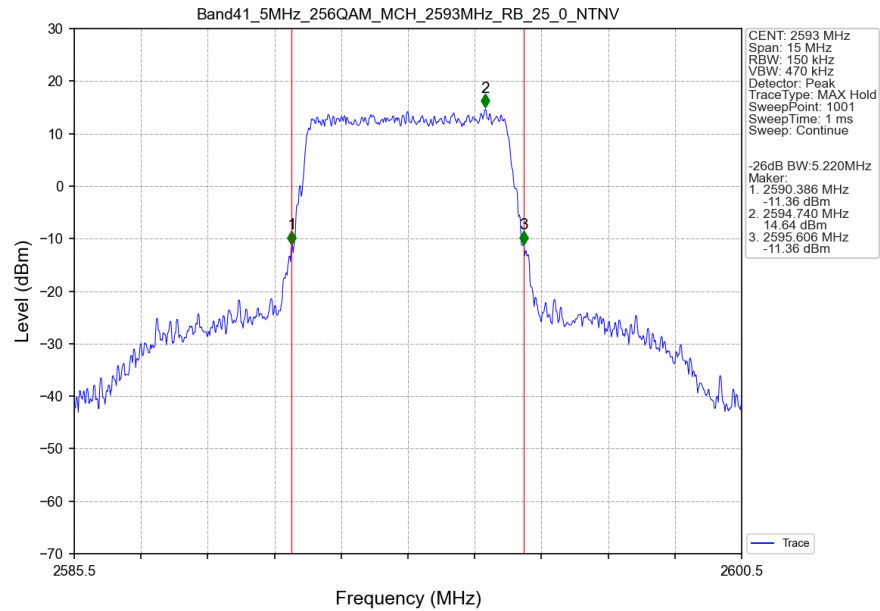
3.2.2 Band41_XDB



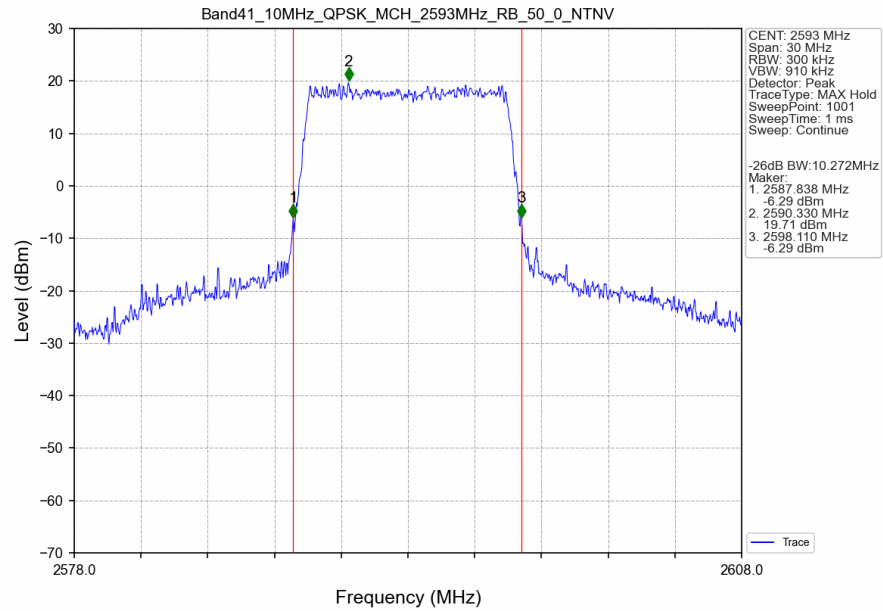
Band41 5MHz 64QAM MCH 2593MHz RB 25 0 NTN



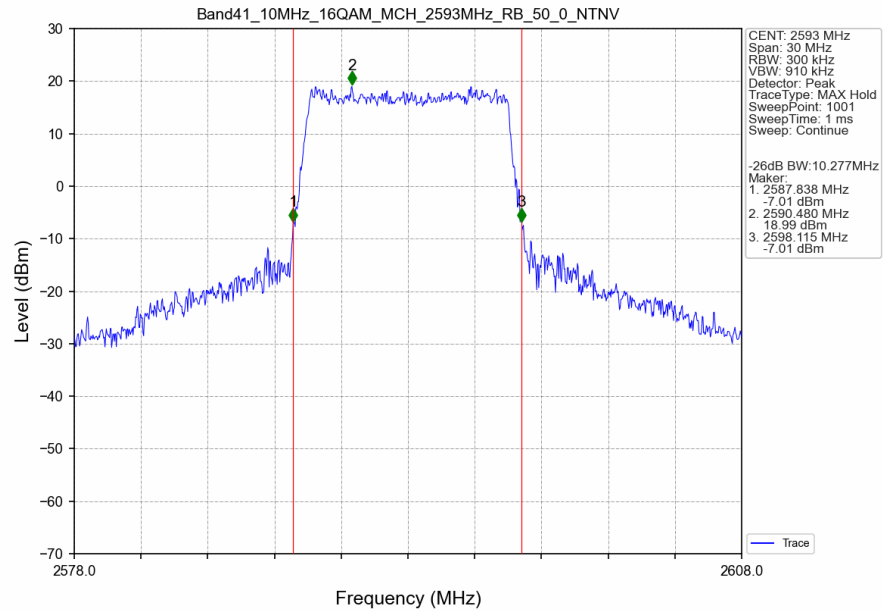
Band41 5MHz 256QAM MCH 2593MHz RB 25 0 NTN



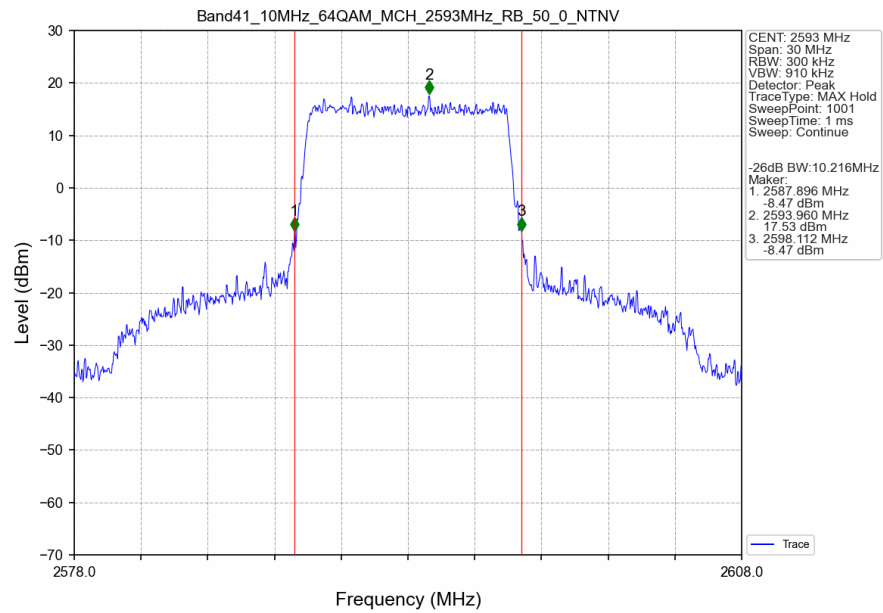
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTNV



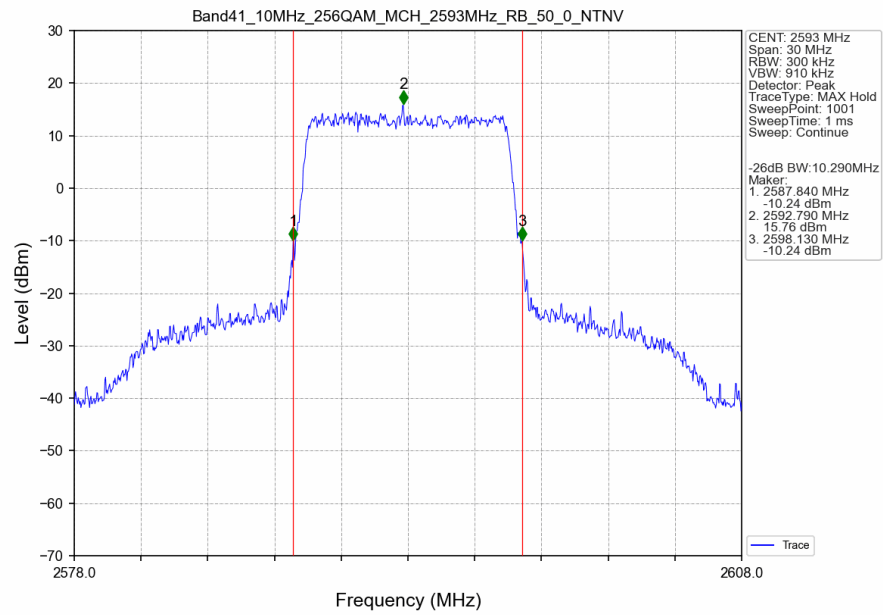
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



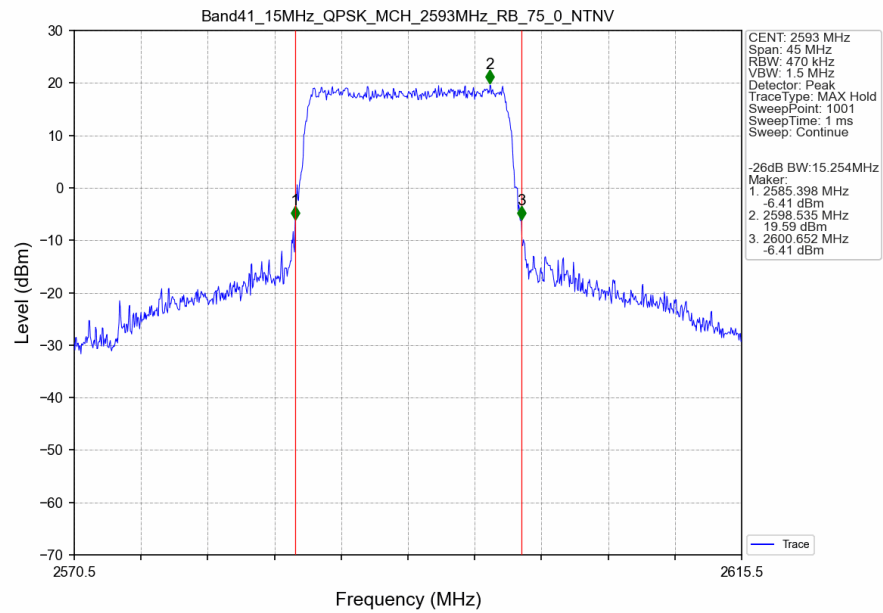
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTN



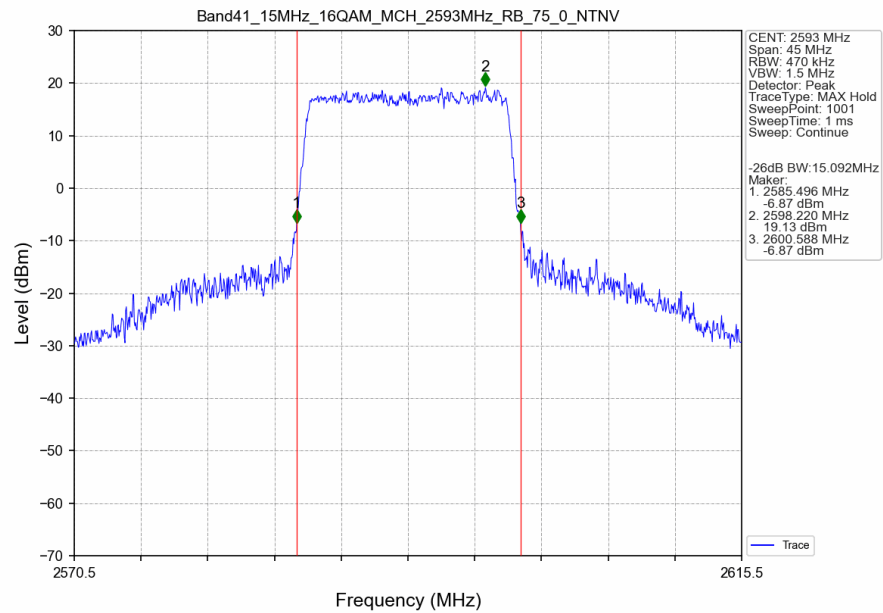
Band41 10MHz 256QAM MCH 2593MHz RB 50 0 NTN



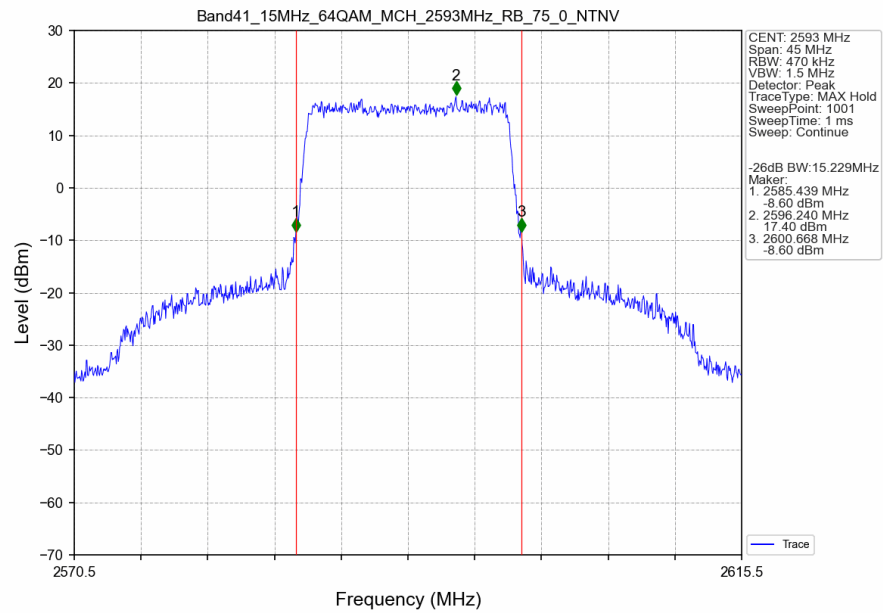
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



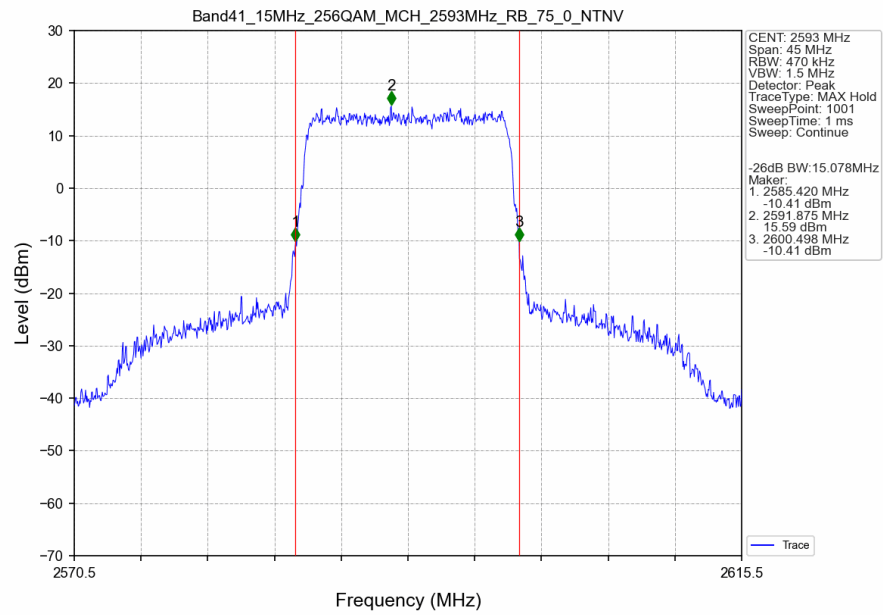
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



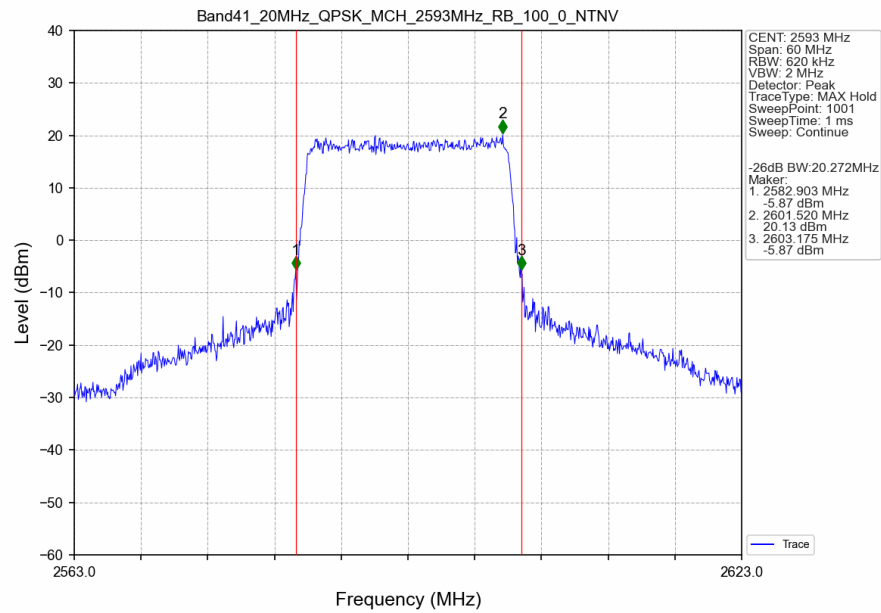
Band41 15MHz 64QAM MCH 2593MHz RB 75 0 NTNV



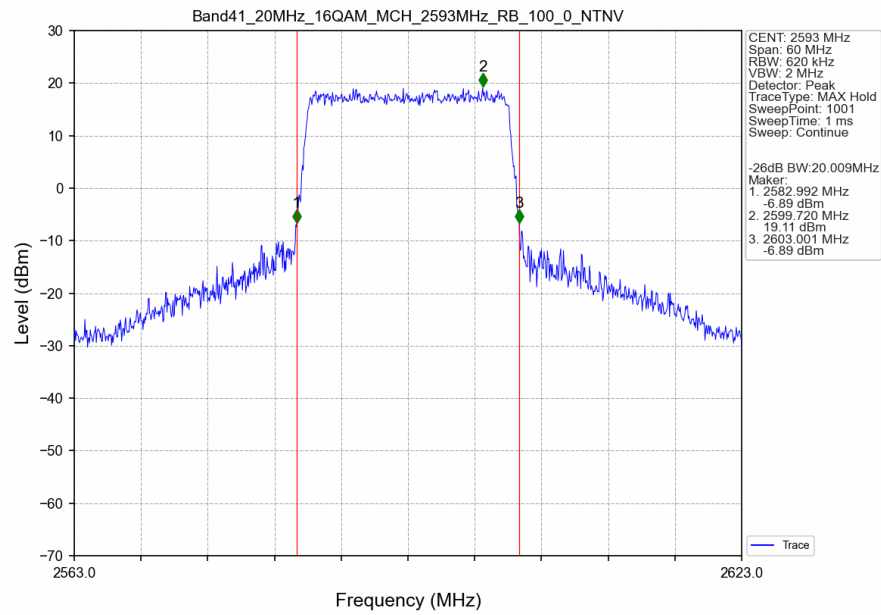
Band41 15MHz 256QAM MCH 2593MHz RB 75 0 NTNV



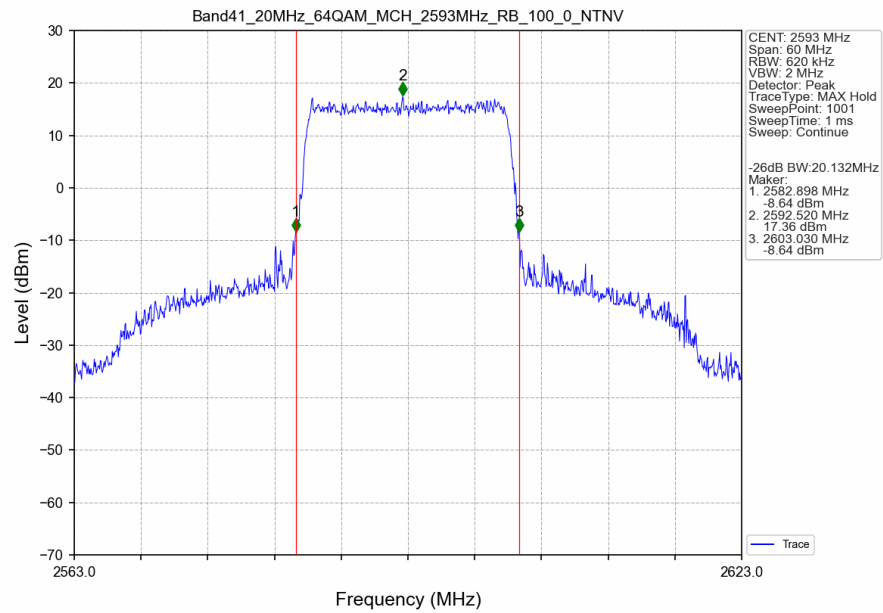
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTV



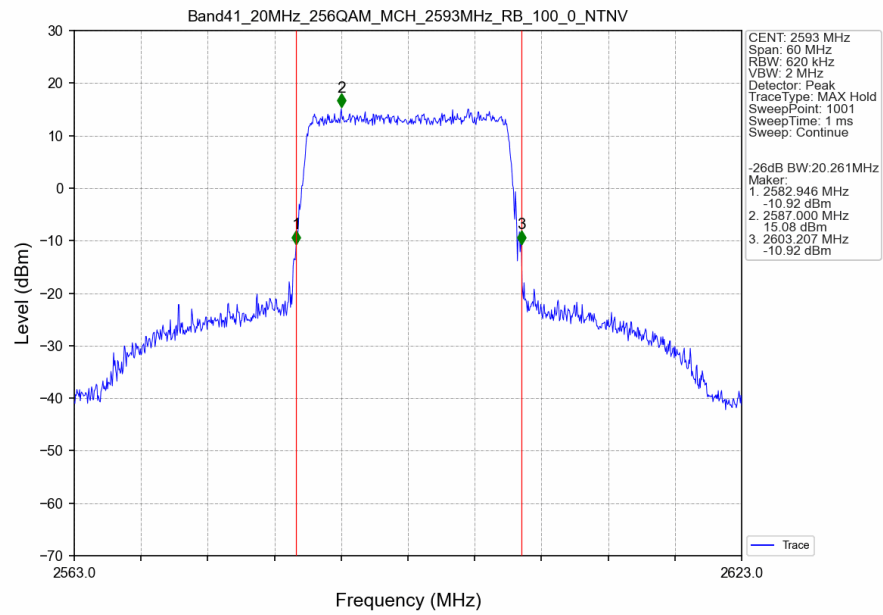
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTV



Band41 20MHz 64QAM MCH 2593MHz RB 100 0 NTV



Band41 20MHz 256QAM MCH 2593MHz RB 100 0 NTV



4. Peak-Average Ratio

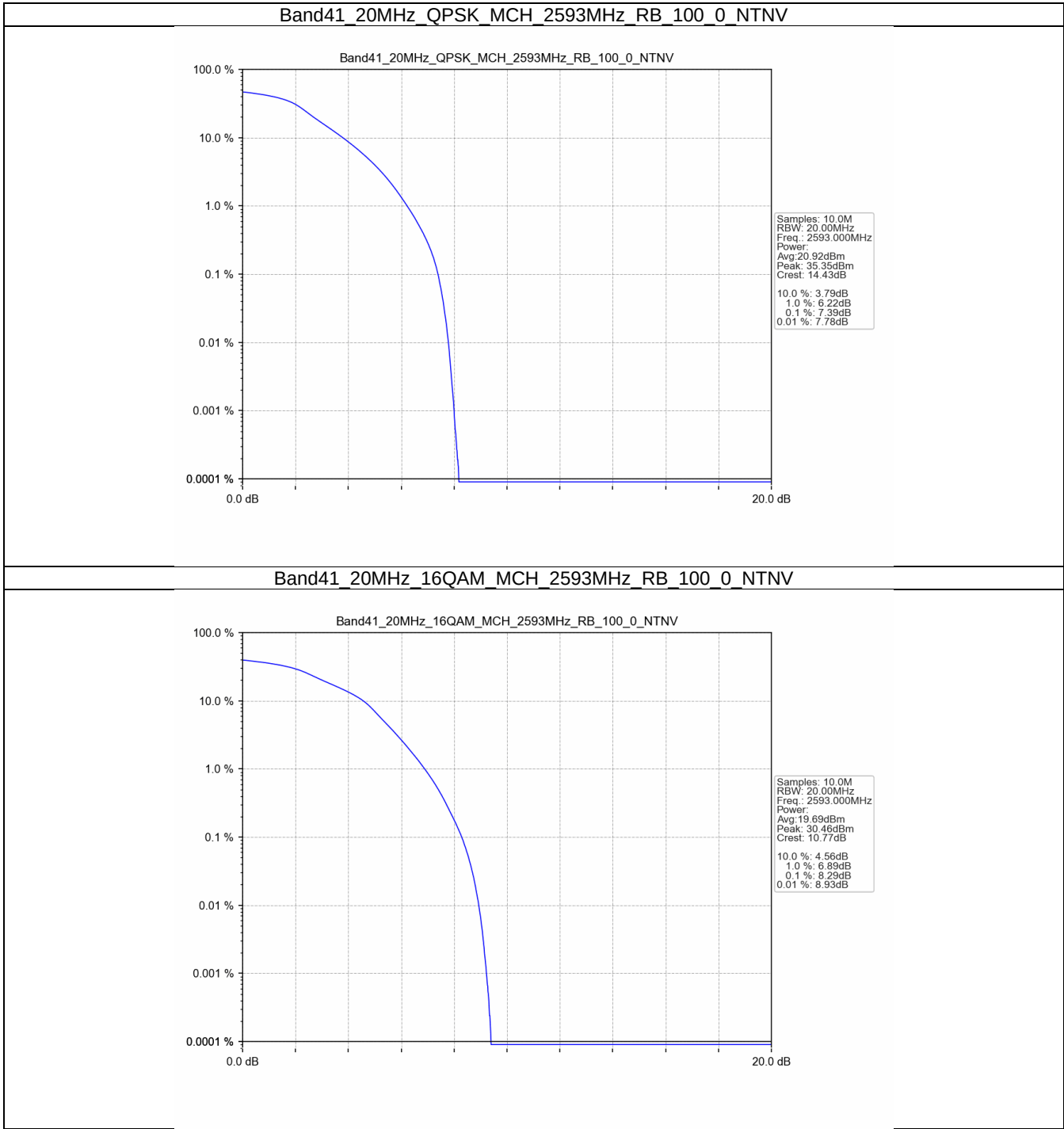
4.1 Test Result

4.1.1 B41_20MHz

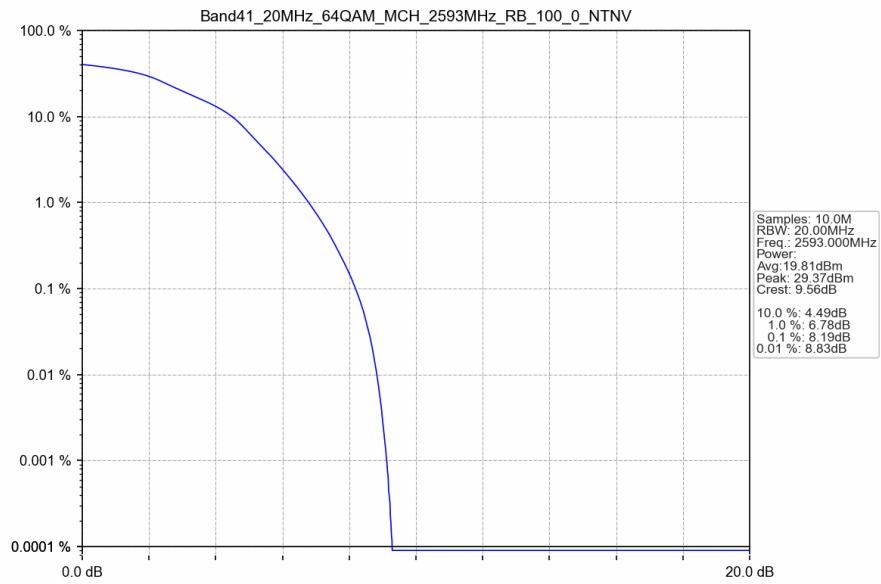
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	7.39	<=13	Pass
16QAM	2593	100	0	8.29	<=13	Pass
64QAM	2593	100	0	8.19	<=13	Pass
256QAM	2593	100	0	8.27	<=13	Pass

4.2 Test Graph

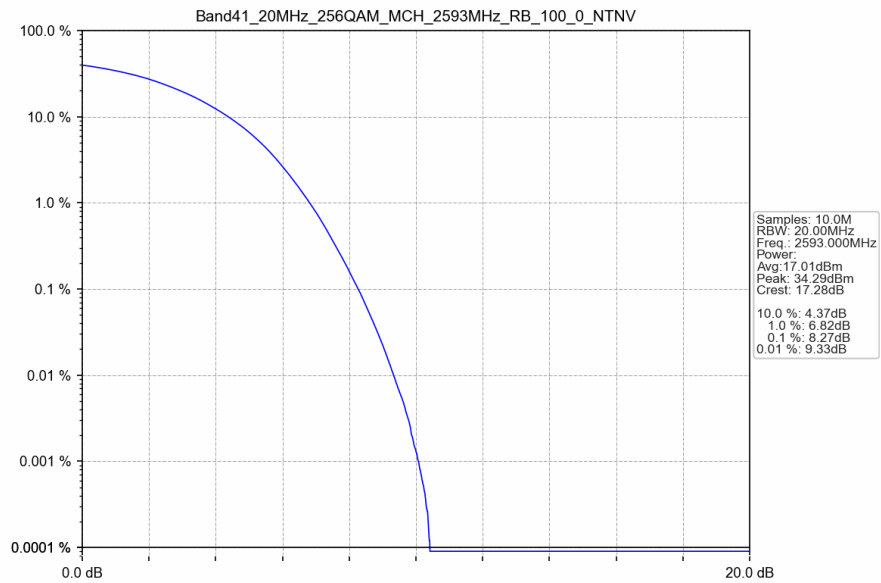
4.2.1 B41_20MHz



Band41 20MHz 64QAM MCH 2593MHz RB 100 0 NTV



Band41 20MHz 256QAM MCH 2593MHz RB 100 0 NTV



5. Spurious Emission

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B41_10MHz

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

5.1.3 B41_15MHz

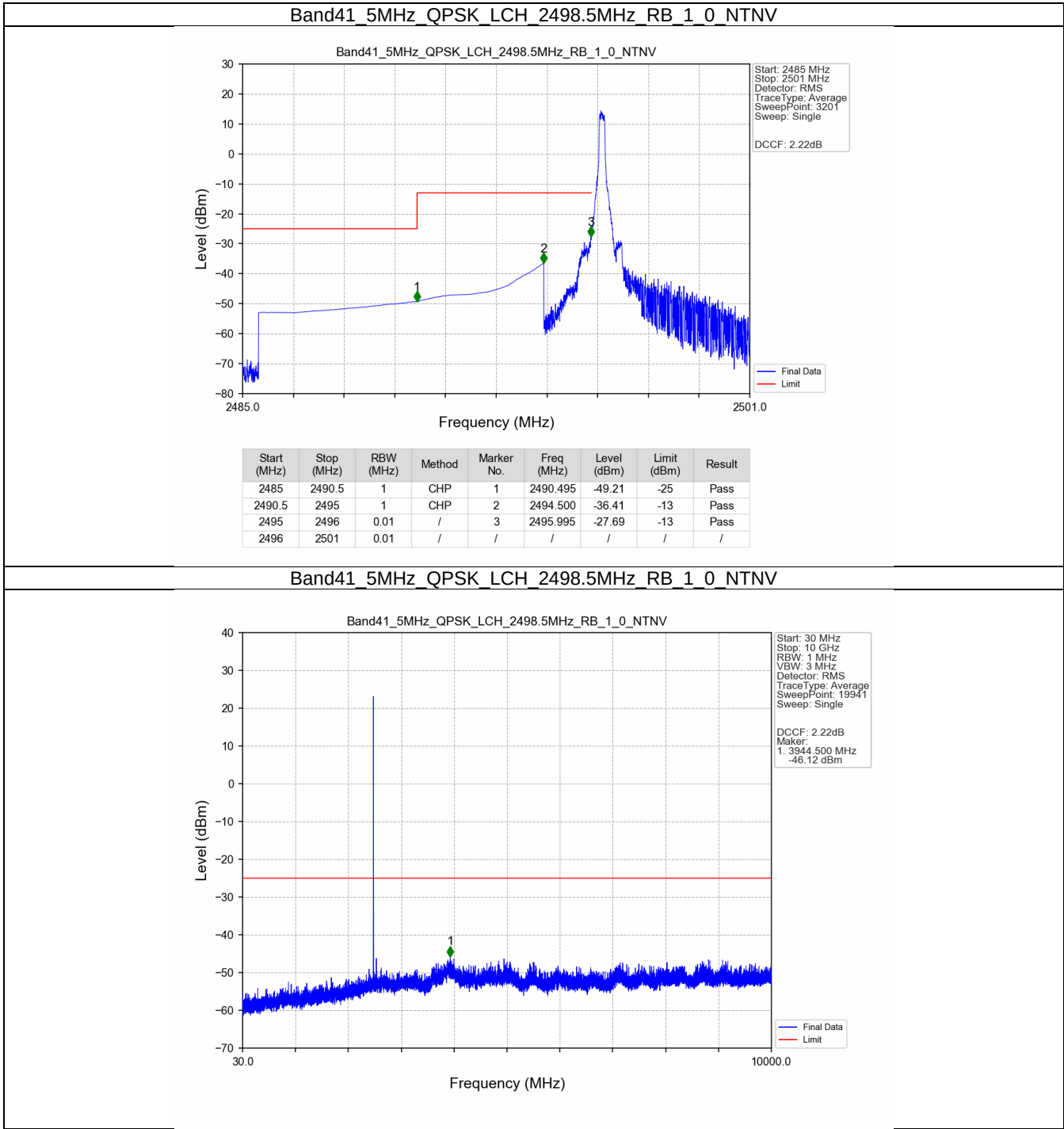
Band: 41 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B41_20MHz

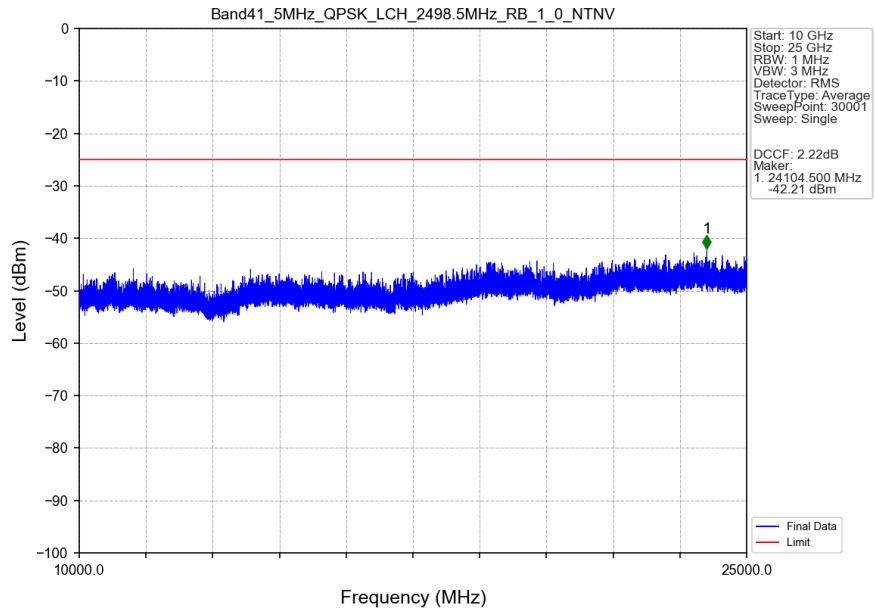
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

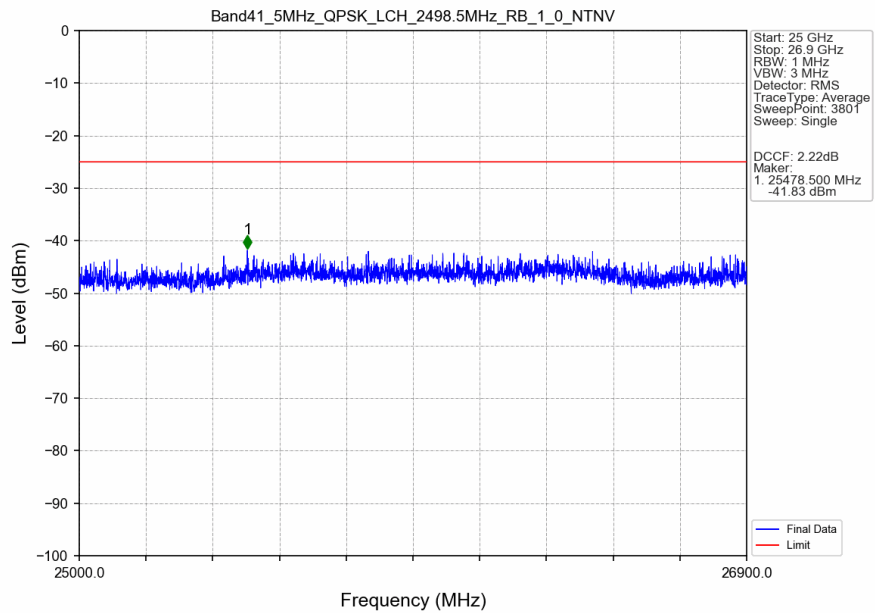
5.2.1 B41_5MHz



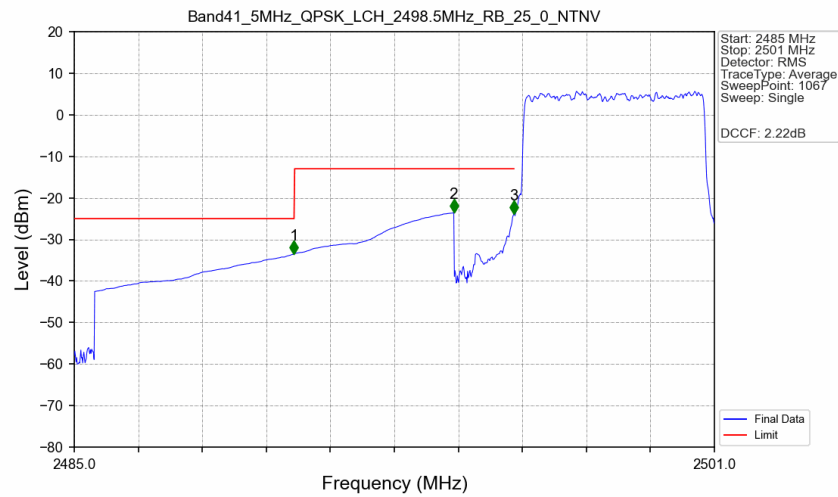
Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV



Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV

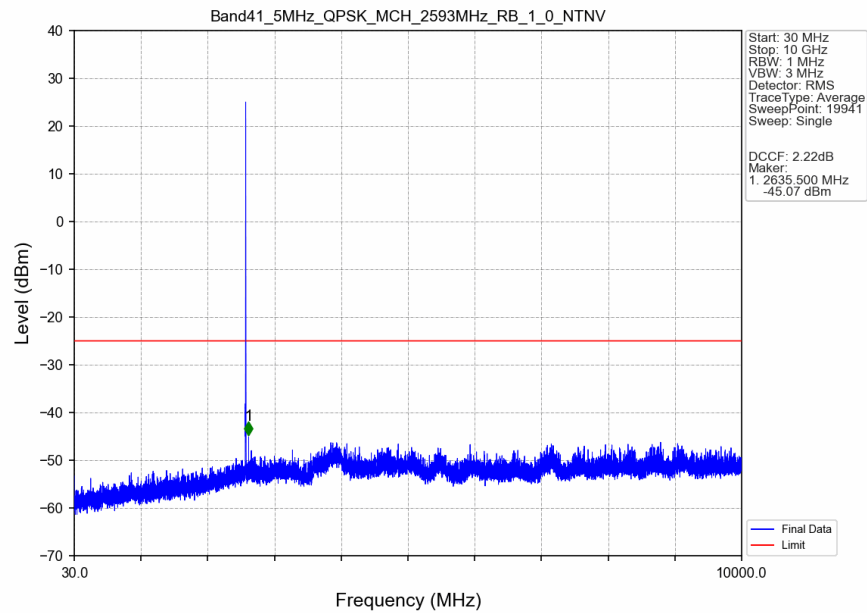


Band41 5MHz QPSK LCH 2498.5MHz RB 25 0 NTNV

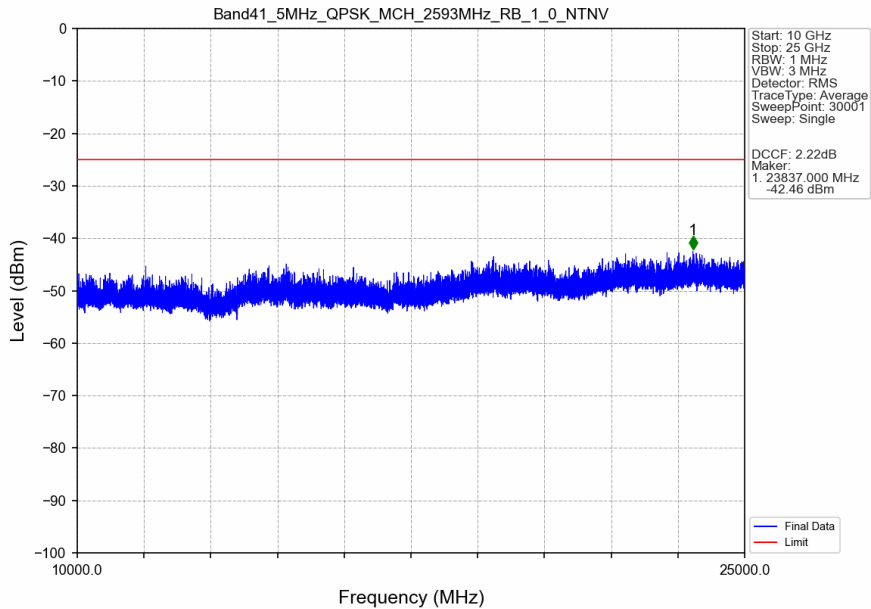


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-33.49	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-23.55	-13	Pass
2495	2496	0.052	CHP	3	2495.987	-23.87	-13	Pass
2496	2501	0.052	CHP	/	/	/	/	/

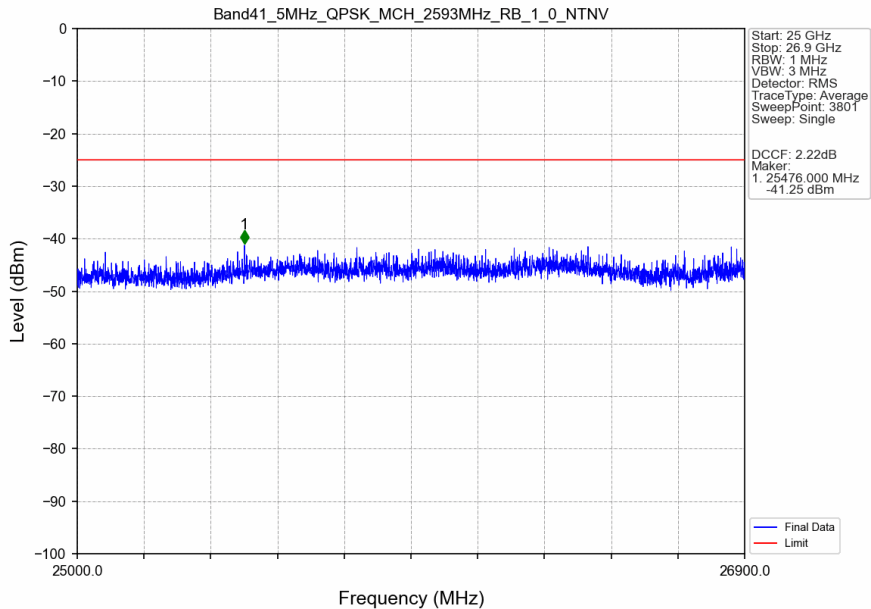
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTNV



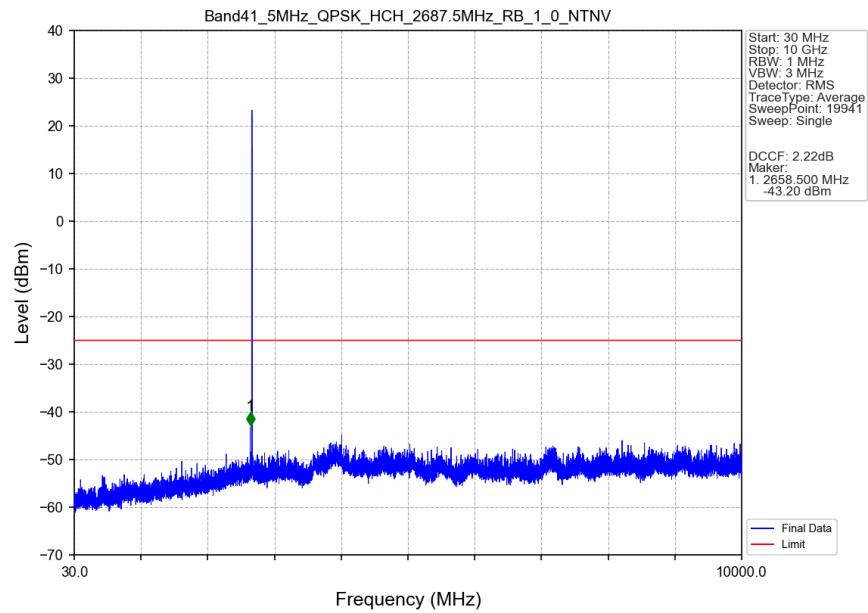
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



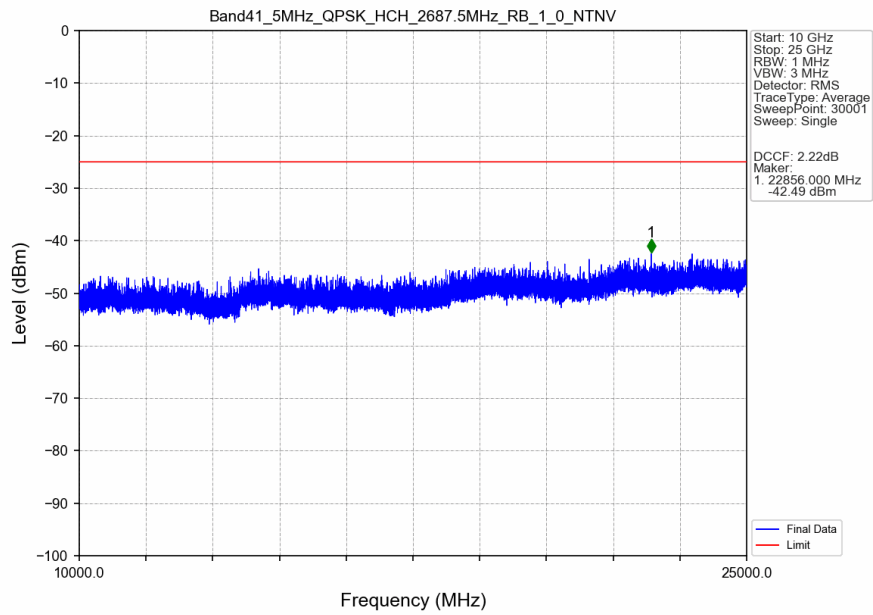
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



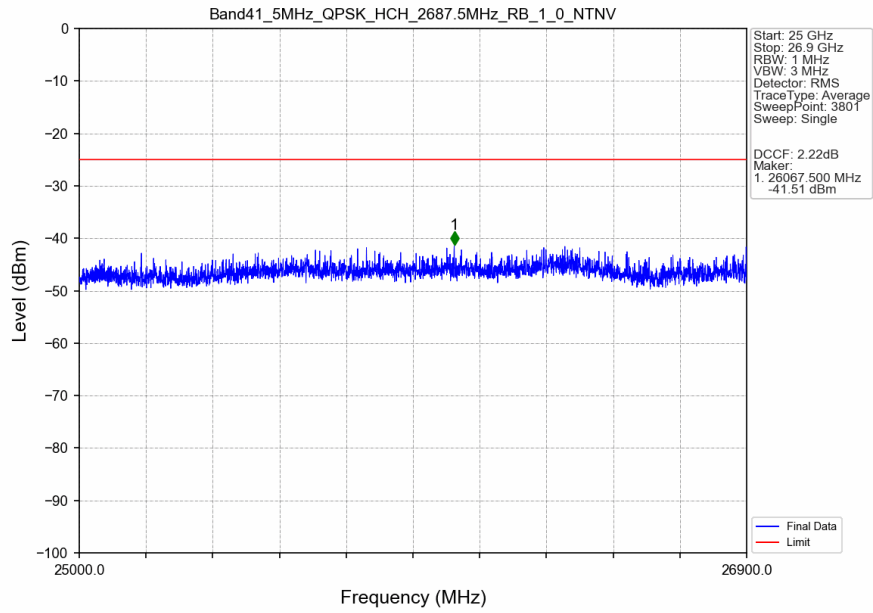
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTNV



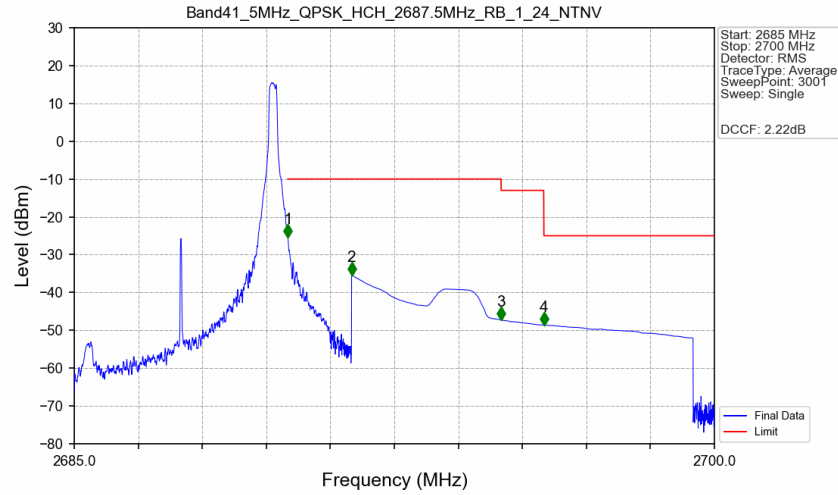
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTNV



Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV

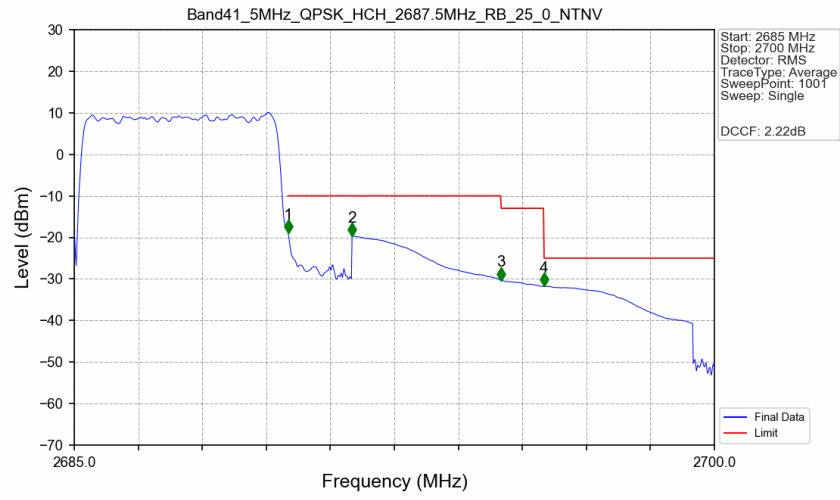


Band41 5MHz QPSK HCH 2687.5MHz RB 1 24 NTV



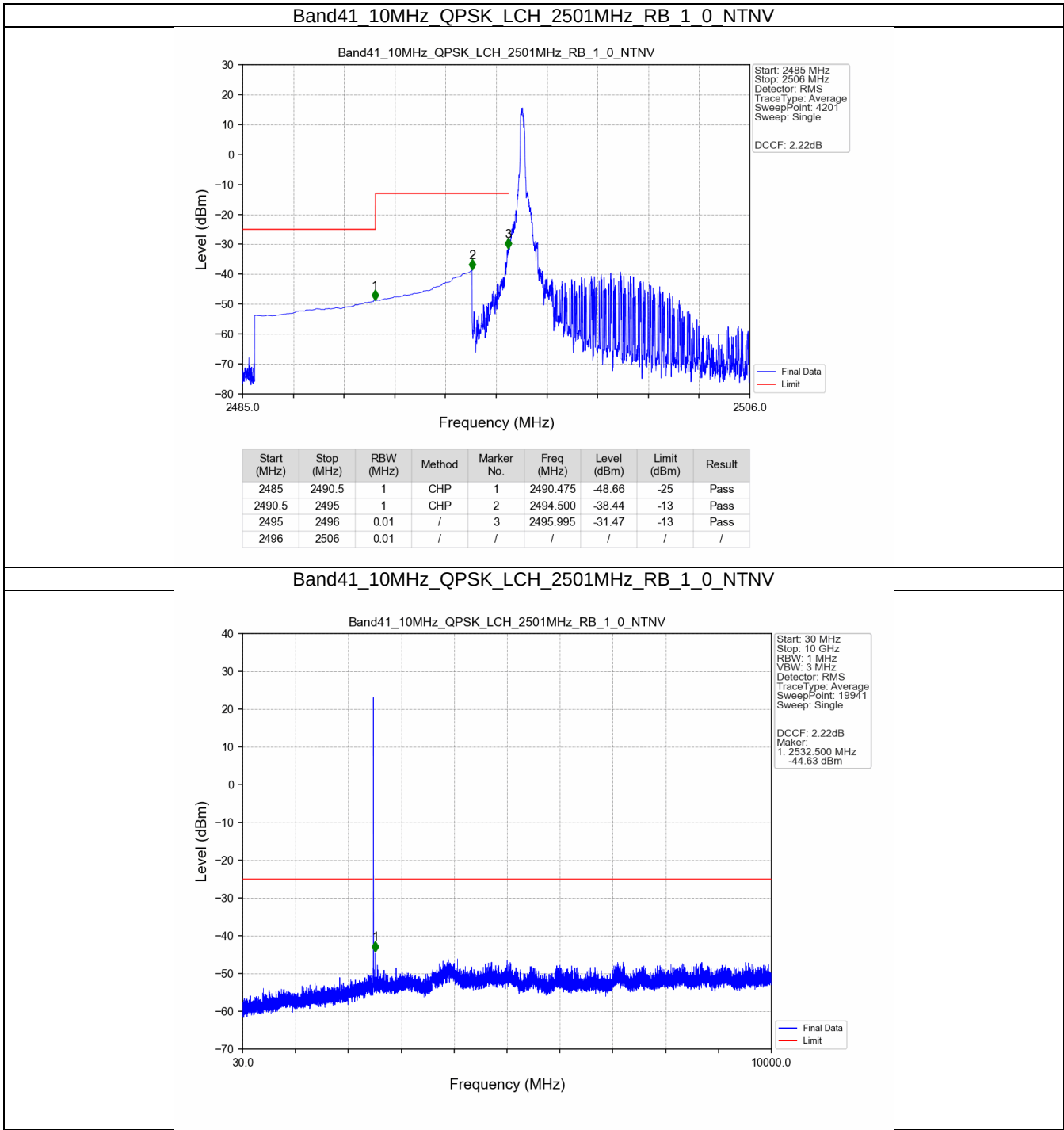
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-25.40	-10	Pass
2691	2695	1	CHP	2	2691.500	-35.40	-10	Pass
2695	2696	1	CHP	3	2695.005	-47.23	-13	Pass
2696	2700	1	CHP	4	2696.005	-48.63	-25	Pass

Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV

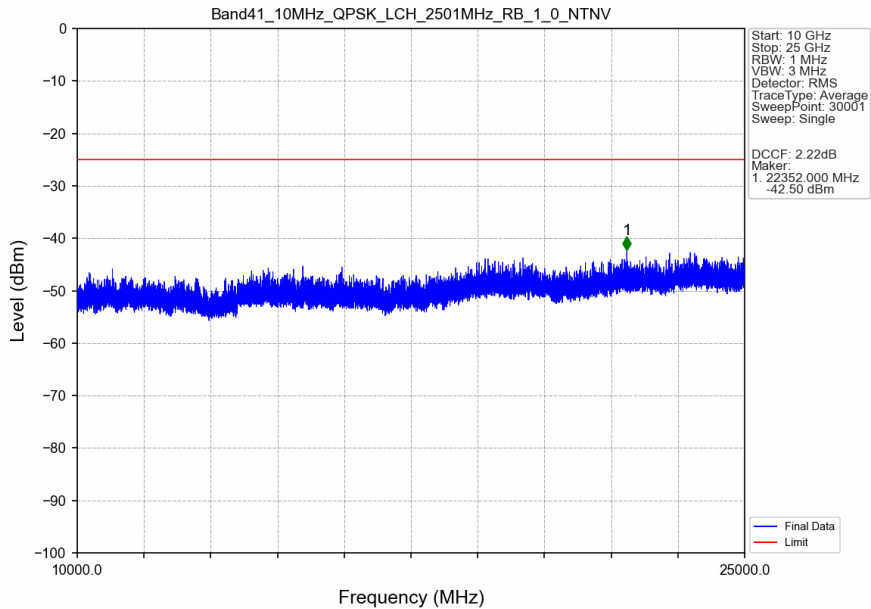


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.104	CHP	/	/	/	/	/
2690	2691	0.104	CHP	1	2690.010	-18.92	-10	Pass
2691	2695	1	CHP	2	2691.510	-19.60	-10	Pass
2695	2696	1	CHP	3	2695.005	-30.33	-13	Pass
2696	2700	1	CHP	4	2696.010	-31.78	-25	Pass

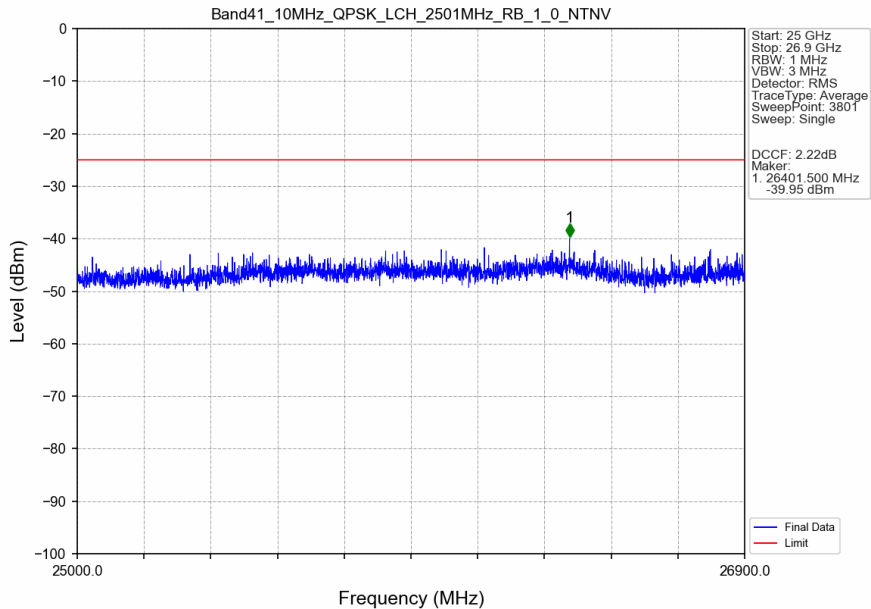
5.2.2 B41_10MHz



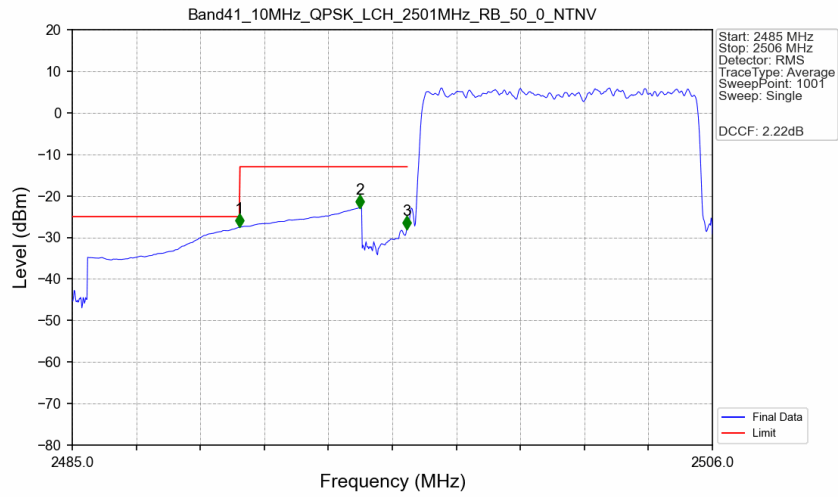
Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTNV



Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTNV

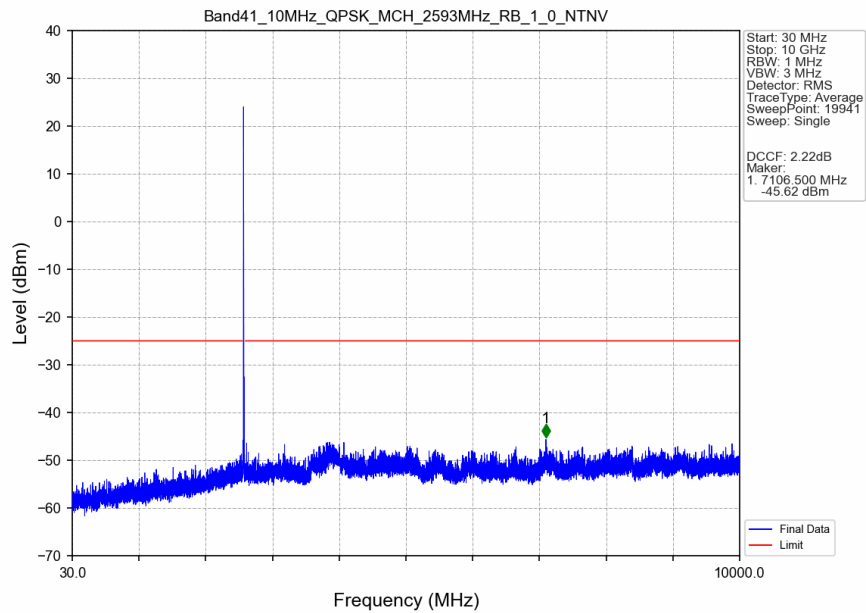


Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTNV

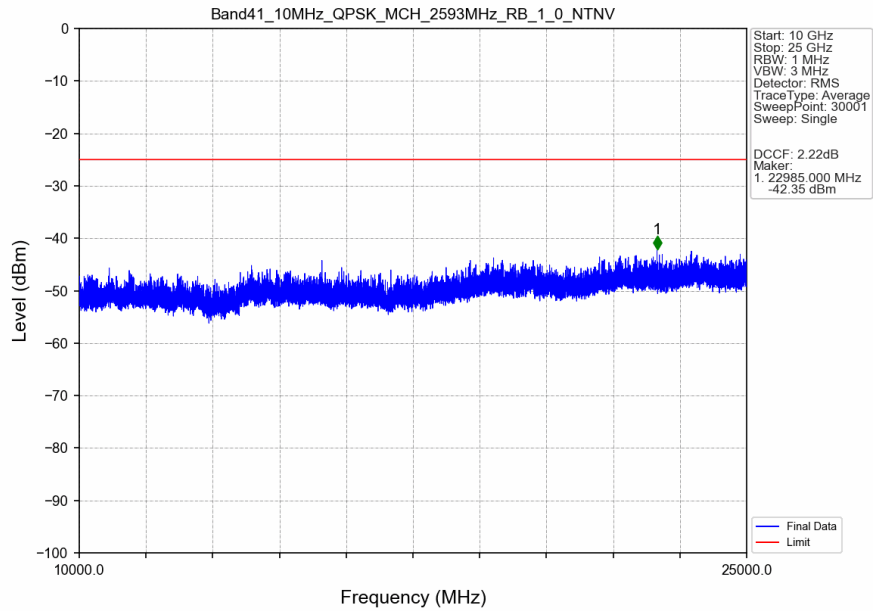


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.481	-27.56	-25	Pass
2490.5	2495	1	CHP	2	2494.429	-22.86	-13	Pass
2495	2496	0.103	CHP	3	2495.983	-28.07	-13	Pass
2496	2506	0.103	CHP	/	/	/	/	/

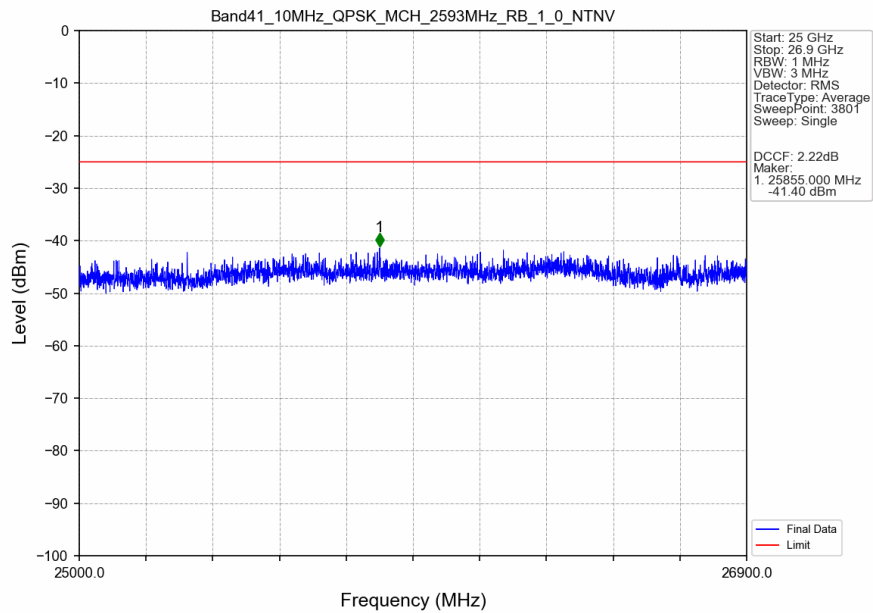
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTNV



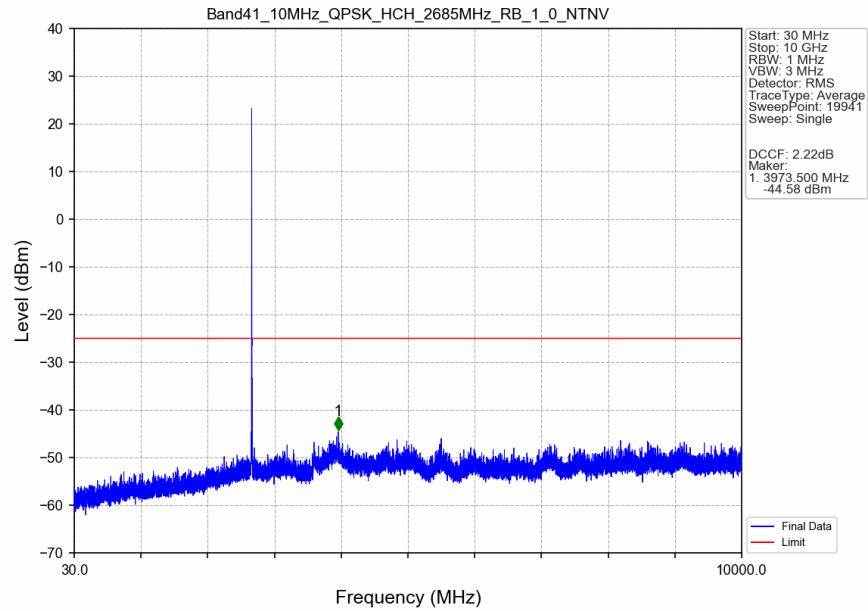
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTN



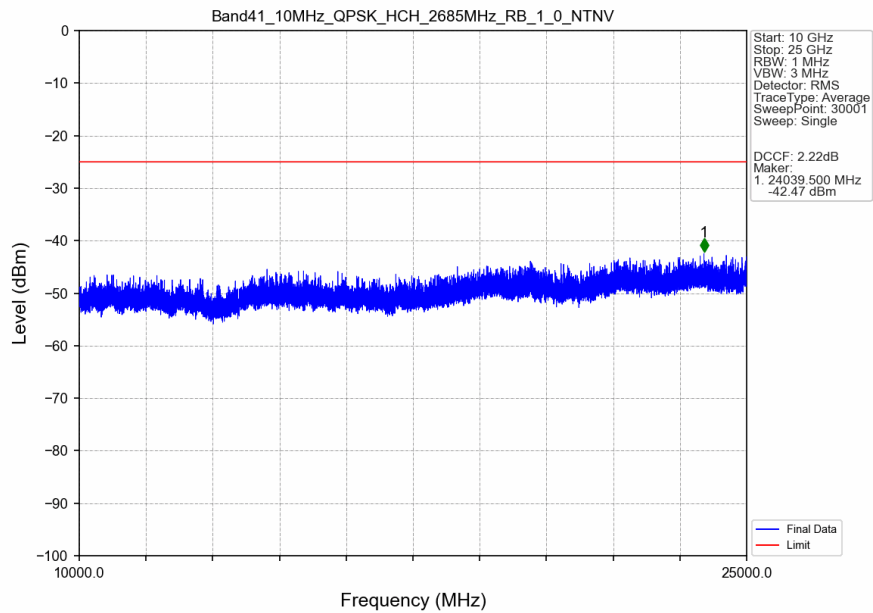
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTN



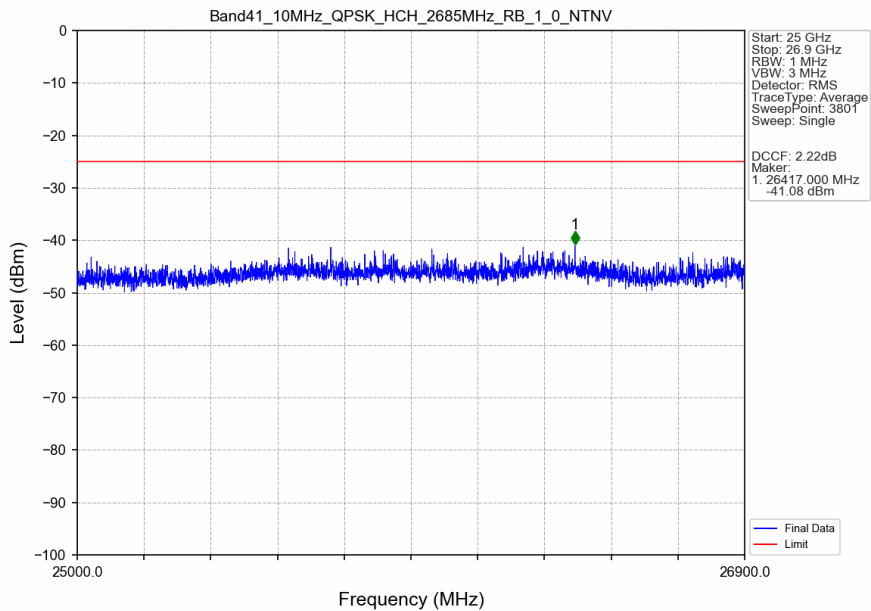
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTNV



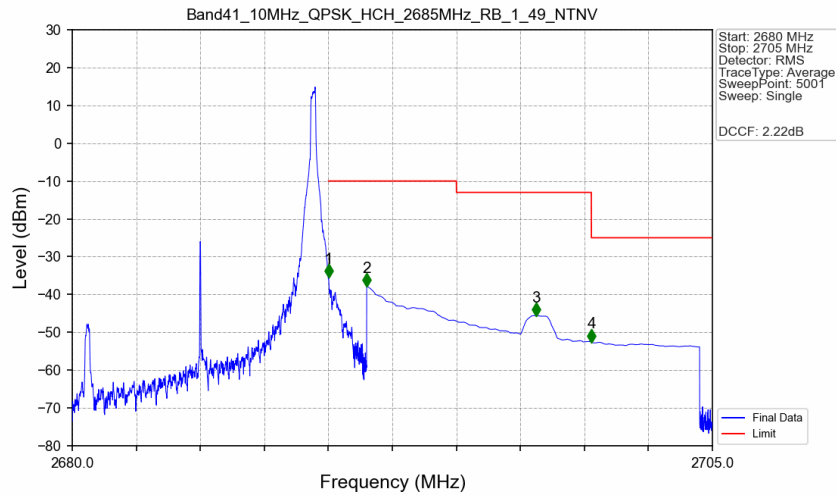
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

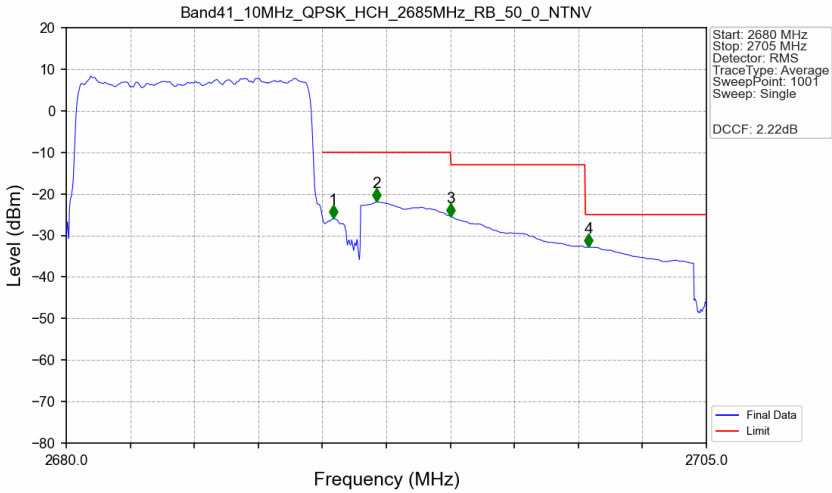


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



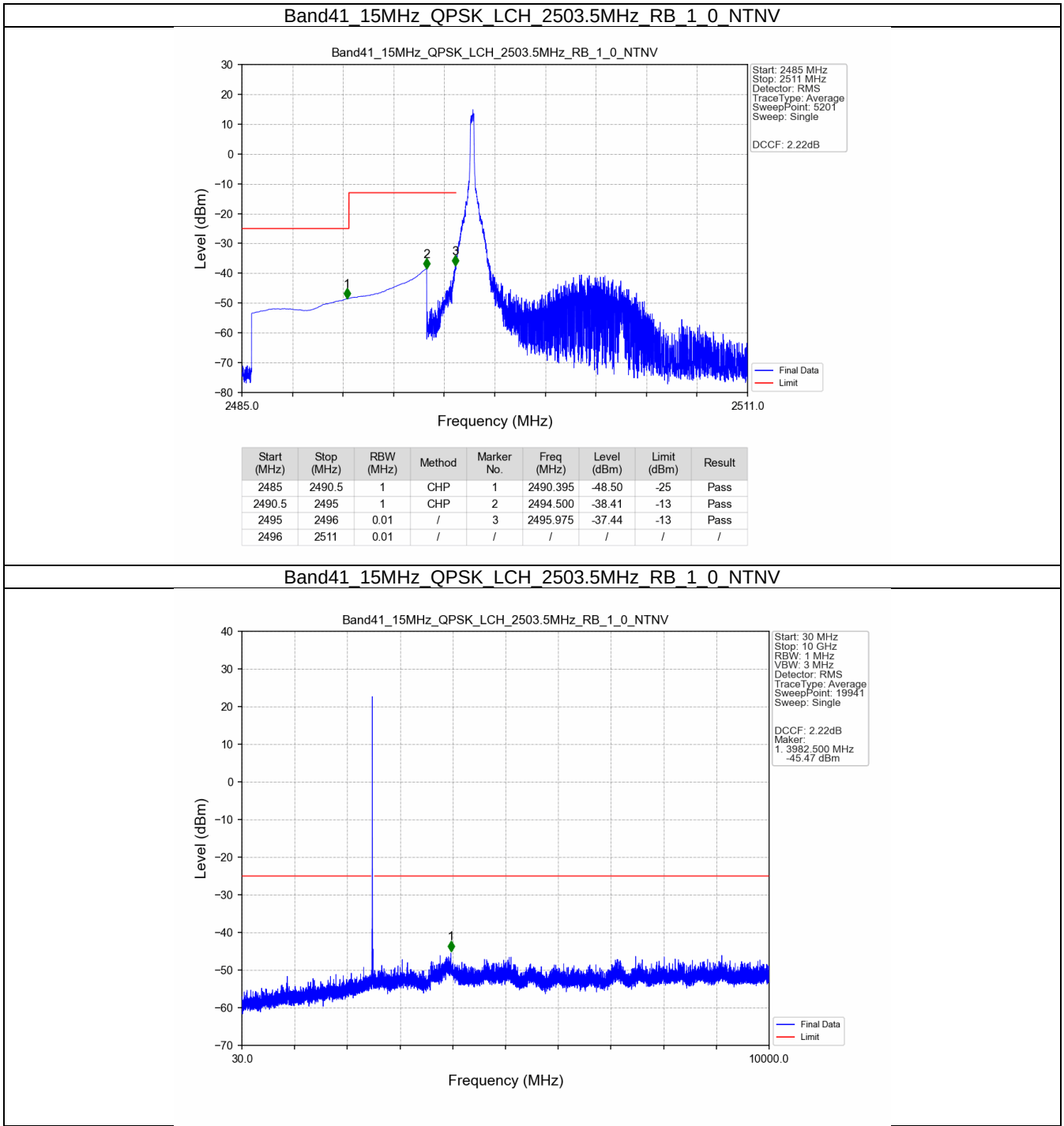
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-35.43	-10	Pass
2691	2695	1	CHP	2	2691.500	-37.79	-10	Pass
2695	2700.272	1	CHP	3	2698.120	-45.59	-13	Pass
2700.272	2705	1	CHP	4	2700.275	-52.59	-25	Pass

Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTNV

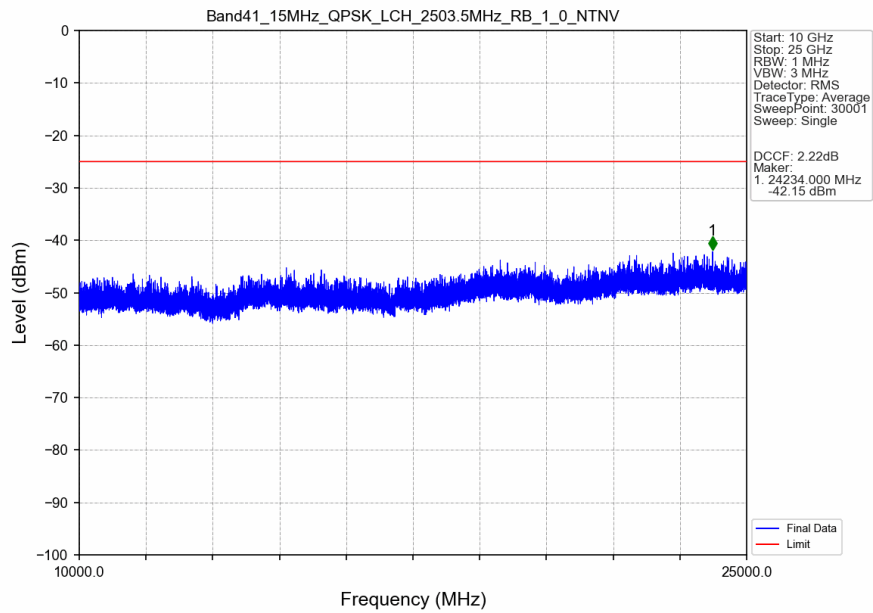


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.205	CHP	/	/	/	/	/
2690	2691	0.205	CHP	1	2690.425	-25.91	-10	Pass
2691	2695	1	CHP	2	2692.125	-21.91	-10	Pass
2695	2700.272	1	CHP	3	2695.025	-25.44	-13	Pass
2700.272	2705	1	CHP	4	2700.400	-32.83	-25	Pass

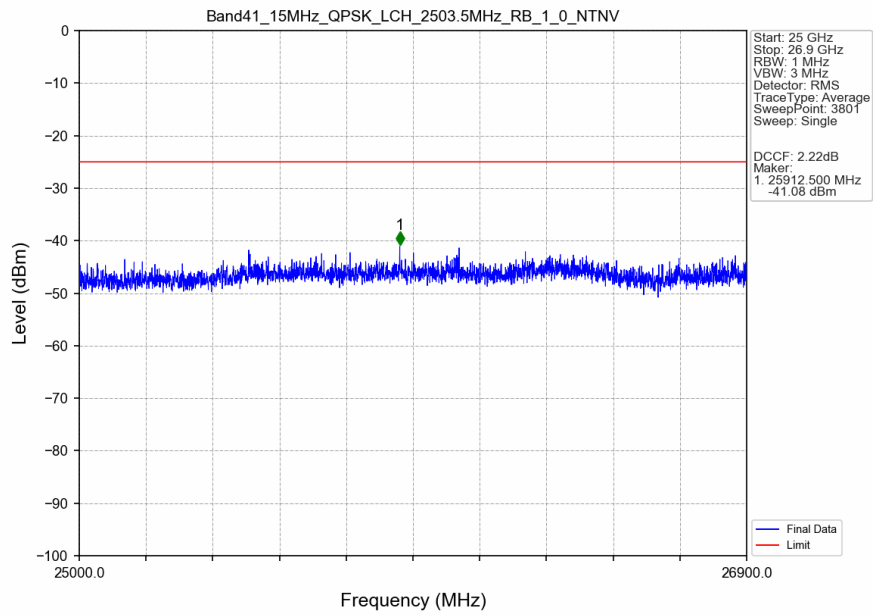
5.2.3 B41_15MHz



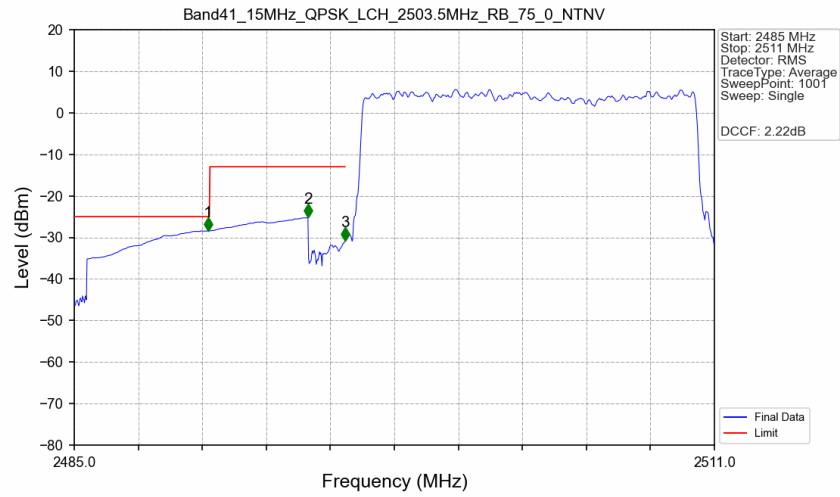
Band41 15MHz QPSK LCH 2503.5MHz RB 1 0 NTV



Band41 15MHz QPSK LCH 2503.5MHz RB 1 0 NTV

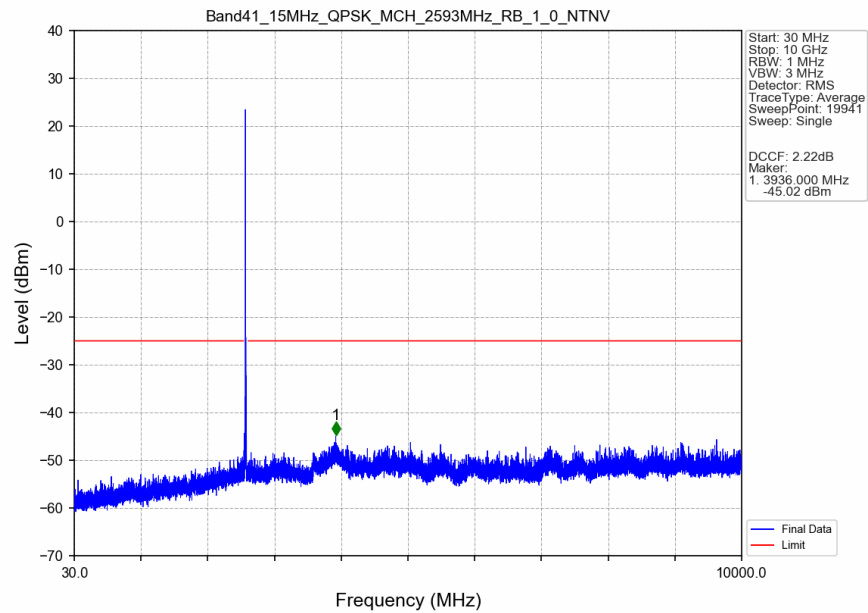


Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV

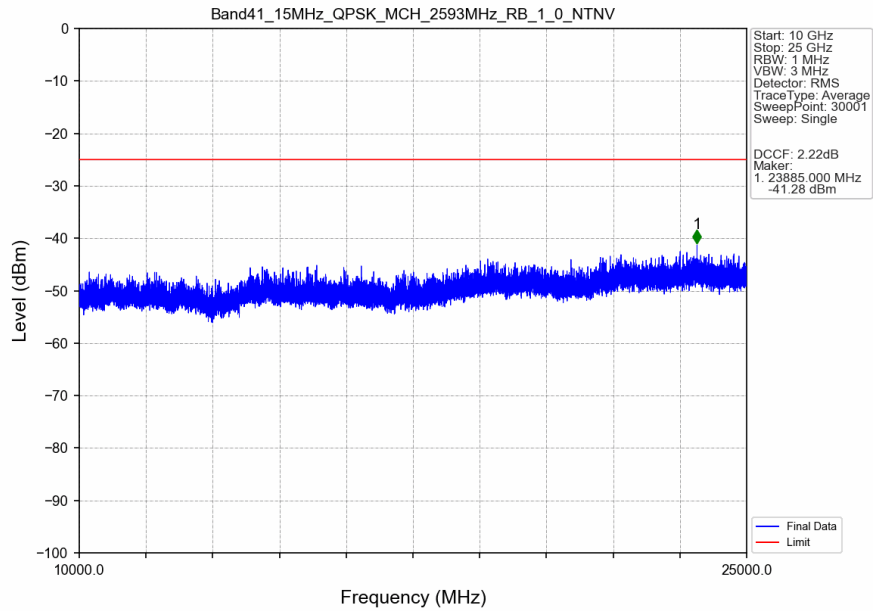


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.434	-28.41	-25	Pass
2490.5	2495	1	CHP	2	2494.490	-25.18	-13	Pass
2495	2496	0.153	CHP	3	2495.998	-30.79	-13	Pass
2496	2511	0.153	CHP	/	/	/	/	/

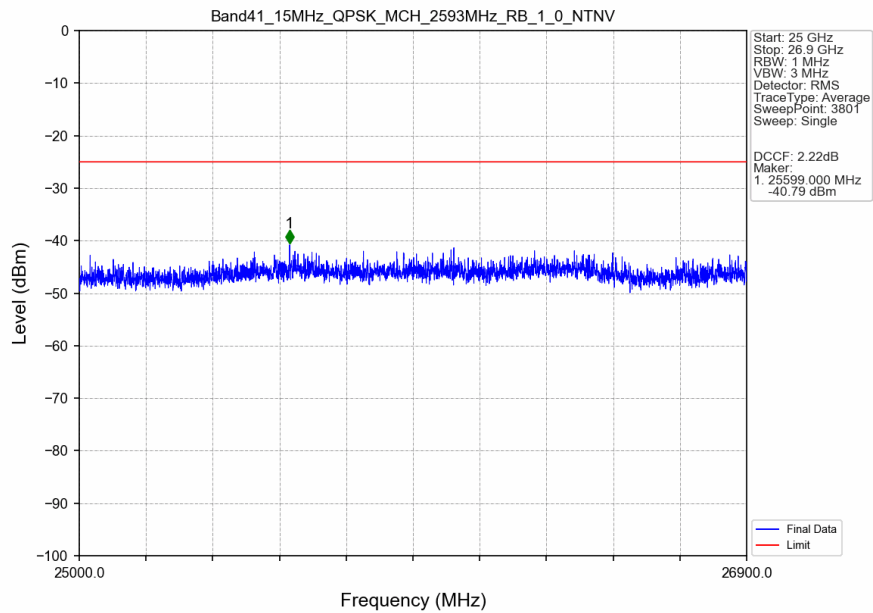
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



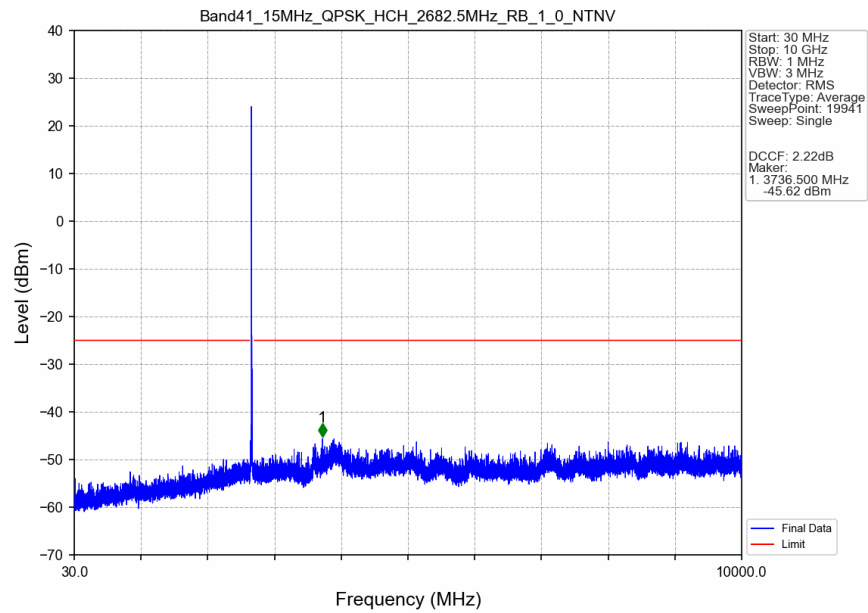
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



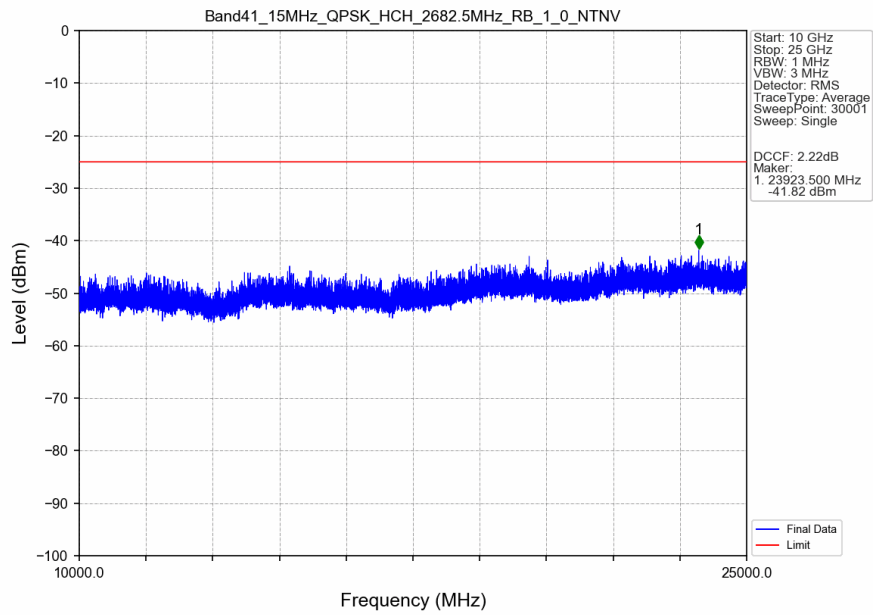
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



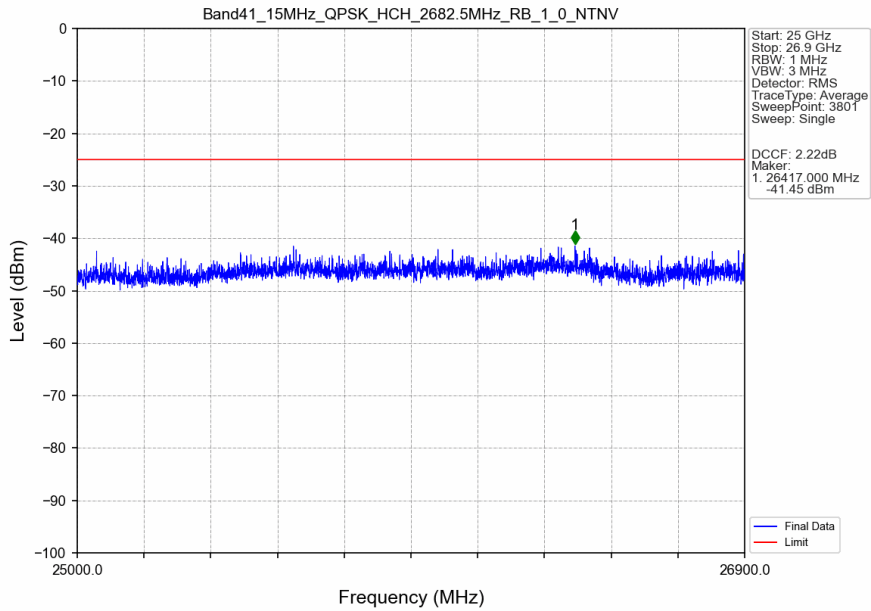
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



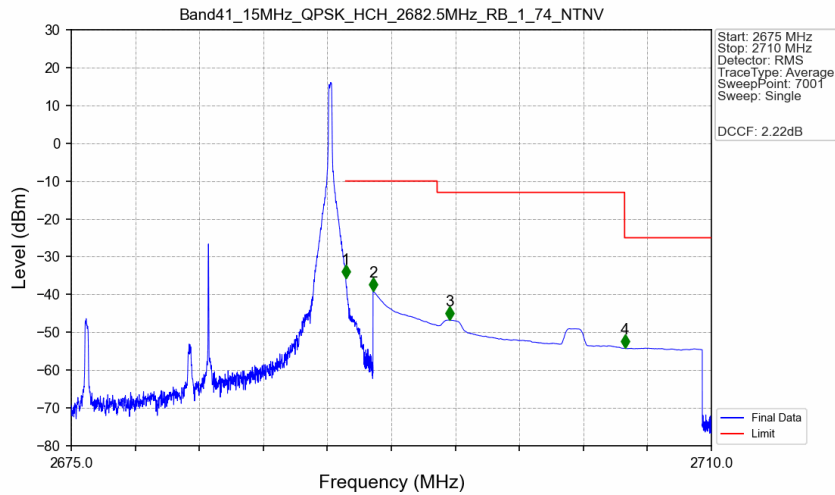
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTNV

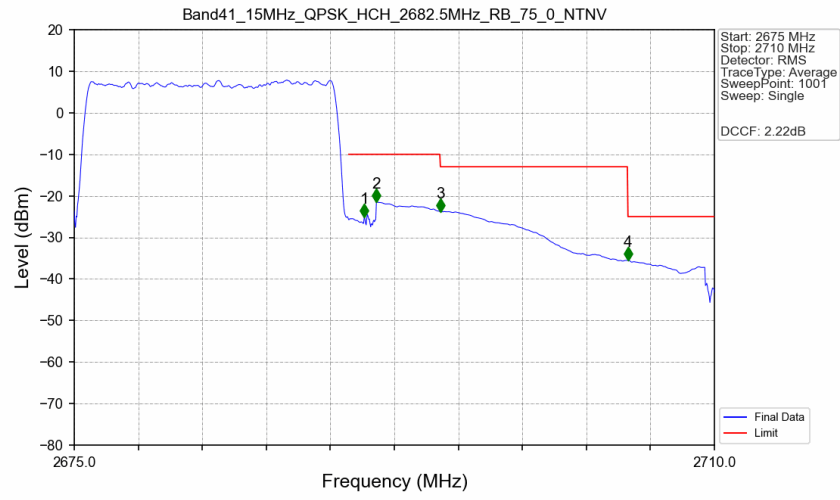


Band41 15MHz QPSK HCH 2682.5MHz RB 1 74 NTNV



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	2690.005	-35.58	-10	Pass
2691	2695	1	CHP	2	2691.500	-39.14	-10	Pass
2695	2705.254	1	CHP	3	2695.700	-46.74	-13	Pass
2705.254	2710	1	CHP	4	2705.280	-54.18	-25	Pass

Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTN



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	2690.855	-25.11	-10	Pass
2691	2695	1	CHP	2	2691.520	-21.45	-10	Pass
2695	2705.254	1	CHP	3	2695.020	-23.77	-13	Pass
2705.254	2710	1	CHP	4	2705.275	-35.52	-25	Pass

5.2.4 B41_20MHz

