

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	25.42	-1.42	24.00	<=33.01	Pass
			13	25.62	-1.42	24.20	<=33.01	Pass
			24	25.61	-1.42	24.19	<=33.01	Pass
		12	0	24.89	-1.42	23.47	<=33.01	Pass
			6	24.92	-1.42	23.50	<=33.01	Pass
			13	24.93	-1.42	23.51	<=33.01	Pass
		25	0	24.97	-1.42	23.55	<=33.01	Pass
	2593	1	0	26.16	-1.42	24.74	<=33.01	Pass
			13	26.12	-1.42	24.70	<=33.01	Pass
			24	26.16	-1.42	24.74	<=33.01	Pass
		12	0	25.24	-1.42	23.82	<=33.01	Pass
			6	25.18	-1.42	23.76	<=33.01	Pass
			13	25.22	-1.42	23.80	<=33.01	Pass
		25	0	25.20	-1.42	23.78	<=33.01	Pass
	2687.5	1	0	25.80	-1.42	24.38	<=33.01	Pass
			13	25.73	-1.42	24.31	<=33.01	Pass
			24	26.05	-1.42	24.63	<=33.01	Pass
		12	0	24.66	-1.42	23.24	<=33.01	Pass
			6	24.63	-1.42	23.21	<=33.01	Pass
			13	24.48	-1.42	23.06	<=33.01	Pass
		25	0	24.69	-1.42	23.27	<=33.01	Pass
16QAM	2498.5	1	0	24.98	-1.42	23.56	<=33.01	Pass
			13	25.03	-1.42	23.61	<=33.01	Pass
			24	25.09	-1.42	23.67	<=33.01	Pass
		12	0	23.95	-1.42	22.53	<=33.01	Pass
			6	24.02	-1.42	22.60	<=33.01	Pass
			13	24.03	-1.42	22.61	<=33.01	Pass
		25	0	24.02	-1.42	22.60	<=33.01	Pass
	2593	1	0	25.68	-1.42	24.26	<=33.01	Pass
			13	25.33	-1.42	23.91	<=33.01	Pass
			24	25.63	-1.42	24.21	<=33.01	Pass
		12	0	24.24	-1.42	22.82	<=33.01	Pass
			6	24.20	-1.42	22.78	<=33.01	Pass
			13	24.26	-1.42	22.84	<=33.01	Pass
		25	0	24.32	-1.42	22.90	<=33.01	Pass
	2687.5	1	0	24.87	-1.42	23.45	<=33.01	Pass
			13	24.77	-1.42	23.35	<=33.01	Pass
			24	24.51	-1.42	23.09	<=33.01	Pass
		12	0	23.64	-1.42	22.22	<=33.01	Pass
			6	23.72	-1.42	22.30	<=33.01	Pass
			13	23.67	-1.42	22.25	<=33.01	Pass
		25	0	23.74	-1.42	22.32	<=33.01	Pass
64QAM	2498.5	1	0	23.87	-1.42	22.45	<=33.01	Pass
			13	24.17	-1.42	22.75	<=33.01	Pass
			24	24.20	-1.42	22.78	<=33.01	Pass
		12	0	22.99	-1.42	21.57	<=33.01	Pass
			6	23.02	-1.42	21.60	<=33.01	Pass
			13	23.04	-1.42	21.62	<=33.01	Pass
		25	0	23.04	-1.42	21.62	<=33.01	Pass

	2593	1	0	24.65	-1.42	23.23	<=33.01	Pass	
			13	24.09	-1.42	22.67	<=33.01	Pass	
			24	24.34	-1.42	22.92	<=33.01	Pass	
		12	0	23.27	-1.42	21.85	<=33.01	Pass	
			6	23.15	-1.42	21.73	<=33.01	Pass	
			13	23.21	-1.42	21.79	<=33.01	Pass	
		25	0	23.19	-1.42	21.77	<=33.01	Pass	
		2687.5	1	0	23.91	-1.42	22.49	<=33.01	Pass
				13	23.86	-1.42	22.44	<=33.01	Pass
	24			23.54	-1.42	22.12	<=33.01	Pass	
	12		0	22.65	-1.42	21.23	<=33.01	Pass	
			6	22.57	-1.42	21.15	<=33.01	Pass	
			13	22.64	-1.42	21.22	<=33.01	Pass	
	25		0	22.67	-1.42	21.25	<=33.01	Pass	

256QAM	2498.5	1	0	21.14	-1.42	19.72	<=33.01	Pass
			13	20.82	-1.42	19.40	<=33.01	Pass
			24	21.24	-1.42	19.82	<=33.01	Pass
		12	0	20.92	-1.42	19.50	<=33.01	Pass
			6	20.94	-1.42	19.52	<=33.01	Pass
			13	20.94	-1.42	19.52	<=33.01	Pass
		25	0	20.96	-1.42	19.54	<=33.01	Pass
	2593	1	0	21.49	-1.42	20.07	<=33.01	Pass
			13	21.45	-1.42	20.03	<=33.01	Pass
			24	21.45	-1.42	20.03	<=33.01	Pass
		12	0	21.15	-1.42	19.73	<=33.01	Pass
			6	21.09	-1.42	19.67	<=33.01	Pass
			13	21.15	-1.42	19.73	<=33.01	Pass
		25	0	21.17	-1.42	19.75	<=33.01	Pass
	2687.5	1	0	20.82	-1.42	19.40	<=33.01	Pass
			13	20.58	-1.42	19.16	<=33.01	Pass
			24	20.51	-1.42	19.09	<=33.01	Pass
		12	0	20.62	-1.42	19.20	<=33.01	Pass
			6	20.48	-1.42	19.06	<=33.01	Pass
			13	20.54	-1.42	19.12	<=33.01	Pass
		25	0	20.53	-1.42	19.11	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain								
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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	25.51	-1.42	24.09	<=33.01	Pass
			25	25.66	-1.42	24.24	<=33.01	Pass
			49	25.83	-1.42	24.41	<=33.01	Pass
		25	0	25.04	-1.42	23.62	<=33.01	Pass
			13	25.03	-1.42	23.61	<=33.01	Pass
			25	25.03	-1.42	23.61	<=33.01	Pass
		50	0	25.00	-1.42	23.58	<=33.01	Pass
	2593	1	0	26.24	-1.42	24.82	<=33.01	Pass
			25	26.08	-1.42	24.66	<=33.01	Pass
			49	26.07	-1.42	24.65	<=33.01	Pass
		25	0	25.30	-1.42	23.88	<=33.01	Pass
			13	25.23	-1.42	23.81	<=33.01	Pass
			25	25.14	-1.42	23.72	<=33.01	Pass
		50	0	25.27	-1.42	23.85	<=33.01	Pass
	2685	1	0	25.65	-1.42	24.23	<=33.01	Pass

		25	25	25.82	-1.42	24.40	<=33.01	Pass
			49	25.86	-1.42	24.44	<=33.01	Pass
			0	24.77	-1.42	23.35	<=33.01	Pass
			13	24.67	-1.42	23.25	<=33.01	Pass
			25	24.62	-1.42	23.20	<=33.01	Pass
		50	0	24.67	-1.42	23.25	<=33.01	Pass
16QAM	2501	1	0	25.16	-1.42	23.74	<=33.01	Pass
			25	25.29	-1.42	23.87	<=33.01	Pass
			49	25.23	-1.42	23.81	<=33.01	Pass
		25	0	24.04	-1.42	22.62	<=33.01	Pass
			13	24.06	-1.42	22.64	<=33.01	Pass
			25	24.08	-1.42	22.66	<=33.01	Pass
		50	0	24.04	-1.42	22.62	<=33.01	Pass
	2593	1	0	25.24	-1.42	23.82	<=33.01	Pass
			25	25.14	-1.42	23.72	<=33.01	Pass
			49	25.18	-1.42	23.76	<=33.01	Pass
		25	0	24.31	-1.42	22.89	<=33.01	Pass
			13	24.17	-1.42	22.75	<=33.01	Pass
			25	24.22	-1.42	22.80	<=33.01	Pass
		50	0	24.25	-1.42	22.83	<=33.01	Pass
	2685	1	0	24.95	-1.42	23.53	<=33.01	Pass
			25	24.81	-1.42	23.39	<=33.01	Pass
			49	24.73	-1.42	23.31	<=33.01	Pass
		25	0	23.73	-1.42	22.31	<=33.01	Pass
			13	23.65	-1.42	22.23	<=33.01	Pass
			25	23.62	-1.42	22.20	<=33.01	Pass
		50	0	23.70	-1.42	22.28	<=33.01	Pass
64QAM	2501	1	0	24.18	-1.42	22.76	<=33.01	Pass
			25	23.92	-1.42	22.50	<=33.01	Pass
			49	24.33	-1.42	22.91	<=33.01	Pass
		25	0	23.02	-1.42	21.60	<=33.01	Pass
			13	23.07	-1.42	21.65	<=33.01	Pass
			25	22.97	-1.42	21.55	<=33.01	Pass
		50	0	23.03	-1.42	21.61	<=33.01	Pass
	2593	1	0	24.61	-1.42	23.19	<=33.01	Pass
			25	24.47	-1.42	23.05	<=33.01	Pass
			49	24.13	-1.42	22.71	<=33.01	Pass
		25	0	23.25	-1.42	21.83	<=33.01	Pass
			13	23.22	-1.42	21.80	<=33.01	Pass
			25	23.09	-1.42	21.67	<=33.01	Pass
		50	0	23.22	-1.42	21.80	<=33.01	Pass
	2685	1	0	23.79	-1.42	22.37	<=33.01	Pass
			25	23.27	-1.42	21.85	<=33.01	Pass
			49	23.67	-1.42	22.25	<=33.01	Pass
		25	0	22.66	-1.42	21.24	<=33.01	Pass
			13	22.69	-1.42	21.27	<=33.01	Pass
			25	22.55	-1.42	21.13	<=33.01	Pass
		50	0	22.60	-1.42	21.18	<=33.01	Pass
256QAM	2501	1	0	20.89	-1.42	19.47	<=33.01	Pass
			25	20.96	-1.42	19.54	<=33.01	Pass
			49	21.21	-1.42	19.79	<=33.01	Pass
		25	0	20.93	-1.42	19.51	<=33.01	Pass
			13	20.95	-1.42	19.53	<=33.01	Pass
			25	21.00	-1.42	19.58	<=33.01	Pass
		50	0	20.95	-1.42	19.53	<=33.01	Pass
	2593	1	0	21.17	-1.42	19.75	<=33.01	Pass
			25	21.27	-1.42	19.85	<=33.01	Pass
			49	21.08	-1.42	19.66	<=33.01	Pass
		25	0	21.22	-1.42	19.80	<=33.01	Pass

			13	21.14	-1.42	19.72	<=33.01	Pass
			25	21.14	-1.42	19.72	<=33.01	Pass
		50	0	21.21	-1.42	19.79	<=33.01	Pass
	2685	1	0	21.03	-1.42	19.61	<=33.01	Pass
			25	20.48	-1.42	19.06	<=33.01	Pass
			49	20.70	-1.42	19.28	<=33.01	Pass
		25	0	20.72	-1.42	19.30	<=33.01	Pass
			13	20.61	-1.42	19.19	<=33.01	Pass
			25	20.58	-1.42	19.16	<=33.01	Pass
		50	0	20.61	-1.42	19.19	<=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	25.53	-1.42	24.11	<=33.01	Pass
			38	25.72	-1.42	24.30	<=33.01	Pass
			74	25.96	-1.42	24.54	<=33.01	Pass
		36	0	24.99	-1.42	23.57	<=33.01	Pass
			18	24.97	-1.42	23.55	<=33.01	Pass
			39	25.10	-1.42	23.68	<=33.01	Pass
		75	0	24.99	-1.42	23.57	<=33.01	Pass
	2593	1	0	26.45	-1.42	25.03	<=33.01	Pass
			38	26.14	-1.42	24.72	<=33.01	Pass
			74	26.10	-1.42	24.68	<=33.01	Pass
		36	0	25.30	-1.42	23.88	<=33.01	Pass
			18	25.18	-1.42	23.76	<=33.01	Pass
			39	25.17	-1.42	23.75	<=33.01	Pass
		75	0	25.28	-1.42	23.86	<=33.01	Pass
	2682.5	1	0	25.91	-1.42	24.49	<=33.01	Pass
			38	25.93	-1.42	24.51	<=33.01	Pass
			74	26.02	-1.42	24.60	<=33.01	Pass
		36	0	24.81	-1.42	23.39	<=33.01	Pass
			18	24.78	-1.42	23.36	<=33.01	Pass
			39	24.60	-1.42	23.18	<=33.01	Pass
		75	0	24.76	-1.42	23.34	<=33.01	Pass
16QAM	2503.5	1	0	25.13	-1.42	23.71	<=33.01	Pass
			38	25.17	-1.42	23.75	<=33.01	Pass
			74	25.40	-1.42	23.98	<=33.01	Pass
		36	0	24.02	-1.42	22.60	<=33.01	Pass
			18	24.06	-1.42	22.64	<=33.01	Pass
			39	24.10	-1.42	22.68	<=33.01	Pass
		75	0	24.04	-1.42	22.62	<=33.01	Pass
	2593	1	0	25.26	-1.42	23.84	<=33.01	Pass
			38	25.09	-1.42	23.67	<=33.01	Pass
			74	25.20	-1.42	23.78	<=33.01	Pass
		36	0	24.35	-1.42	22.93	<=33.01	Pass
			18	24.19	-1.42	22.77	<=33.01	Pass
			39	24.22	-1.42	22.80	<=33.01	Pass
		75	0	24.29	-1.42	22.87	<=33.01	Pass
	2682.5	1	0	24.76	-1.42	23.34	<=33.01	Pass
			38	24.82	-1.42	23.40	<=33.01	Pass
			74	24.79	-1.42	23.37	<=33.01	Pass
		36	0	23.81	-1.42	22.39	<=33.01	Pass
			18	23.73	-1.42	22.31	<=33.01	Pass

			39	23.62	-1.42	22.20	<=33.01	Pass	
		75	0	23.72	-1.42	22.30	<=33.01	Pass	
64QAM	2503.5	1	0	24.18	-1.42	22.76	<=33.01	Pass	
			38	23.98	-1.42	22.56	<=33.01	Pass	
			74	24.10	-1.42	22.68	<=33.01	Pass	
			0	23.00	-1.42	21.58	<=33.01	Pass	
		36	18	23.05	-1.42	21.63	<=33.01	Pass	
			39	23.14	-1.42	21.72	<=33.01	Pass	
			75	0	23.03	-1.42	21.61	<=33.01	Pass
		2593	1	0	24.27	-1.42	22.85	<=33.01	Pass
				38	24.09	-1.42	22.67	<=33.01	Pass
				74	24.62	-1.42	23.20	<=33.01	Pass
	0			23.26	-1.42	21.84	<=33.01	Pass	
	36		18	23.22	-1.42	21.80	<=33.01	Pass	
			39	23.22	-1.42	21.80	<=33.01	Pass	
			75	0	23.26	-1.42	21.84	<=33.01	Pass
	2682.5	1	0	24.12	-1.42	22.70	<=33.01	Pass	
			38	23.97	-1.42	22.55	<=33.01	Pass	
			74	23.49	-1.42	22.07	<=33.01	Pass	
			0	22.81	-1.42	21.39	<=33.01	Pass	
		36	18	22.71	-1.42	21.29	<=33.01	Pass	
			39	22.61	-1.42	21.19	<=33.01	Pass	
			75	0	22.71	-1.42	21.29	<=33.01	Pass
		256QAM	2503.5	1	0	20.88	-1.42	19.46	<=33.01
	38				21.17	-1.42	19.75	<=33.01	Pass
74	21.28				-1.42	19.86	<=33.01	Pass	
36	0			20.99	-1.42	19.57	<=33.01	Pass	
	18			20.99	-1.42	19.57	<=33.01	Pass	
	39			21.04	-1.42	19.62	<=33.01	Pass	
75	0			21.03	-1.42	19.61	<=33.01	Pass	
2593	1		0	21.24	-1.42	19.82	<=33.01	Pass	
			38	21.06	-1.42	19.64	<=33.01	Pass	
			74	21.12	-1.42	19.70	<=33.01	Pass	
	36		0	21.28	-1.42	19.86	<=33.01	Pass	
			18	21.16	-1.42	19.74	<=33.01	Pass	
			39	21.12	-1.42	19.70	<=33.01	Pass	
	75		0	21.22	-1.42	19.80	<=33.01	Pass	
2682.5	1		0	21.12	-1.42	19.70	<=33.01	Pass	
			38	20.76	-1.42	19.34	<=33.01	Pass	
			74	20.57	-1.42	19.15	<=33.01	Pass	
	36		0	20.78	-1.42	19.36	<=33.01	Pass	
			18	20.71	-1.42	19.29	<=33.01	Pass	
			39	20.53	-1.42	19.11	<=33.01	Pass	
	75		0	20.69	-1.42	19.27	<=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	25.46	-1.42	24.04	<=33.01	Pass
			50	25.71	-1.42	24.29	<=33.01	Pass
			99	26.04	-1.42	24.62	<=33.01	Pass
		50	0	25.02	-1.42	23.60	<=33.01	Pass
			25	25.16	-1.42	23.74	<=33.01	Pass
			50	25.24	-1.42	23.82	<=33.01	Pass

		100	0	25.09	-1.42	23.67	<=33.01	Pass
		2593	1	0	26.34	-1.42	24.92	<=33.01
				50	26.23	-1.42	24.81	<=33.01
				99	26.08	-1.42	24.66	<=33.01
			50	0	25.41	-1.42	23.99	<=33.01
				25	25.30	-1.42	23.88	<=33.01
				50	25.18	-1.42	23.76	<=33.01
		100	0	25.24	-1.42	23.82	<=33.01	Pass
		2680	1	0	25.64	-1.42	24.22	<=33.01
				50	25.80	-1.42	24.38	<=33.01
				99	25.79	-1.42	24.37	<=33.01
			50	0	24.92	-1.42	23.50	<=33.01
				25	24.86	-1.42	23.44	<=33.01
				50	24.77	-1.42	23.35	<=33.01
		100	0	24.80	-1.42	23.38	<=33.01	Pass
16QAM	2506	1	0	25.38	-1.42	23.96	<=33.01	Pass
			50	25.24	-1.42	23.82	<=33.01	Pass
			99	25.39	-1.42	23.97	<=33.01	Pass
		50	0	24.09	-1.42	22.67	<=33.01	Pass
			25	24.10	-1.42	22.68	<=33.01	Pass
			50	24.23	-1.42	22.81	<=33.01	Pass
		100	0	24.09	-1.42	22.67	<=33.01	Pass
	2593	1	0	25.43	-1.42	24.01	<=33.01	Pass
			50	25.18	-1.42	23.76	<=33.01	Pass
			99	25.24	-1.42	23.82	<=33.01	Pass
		50	0	24.36	-1.42	22.94	<=33.01	Pass
			25	24.21	-1.42	22.79	<=33.01	Pass
			50	24.19	-1.42	22.77	<=33.01	Pass
		100	0	24.24	-1.42	22.82	<=33.01	Pass
	2680	1	0	25.09	-1.42	23.67	<=33.01	Pass
			50	24.62	-1.42	23.20	<=33.01	Pass
			99	24.35	-1.42	22.93	<=33.01	Pass
		50	0	23.87	-1.42	22.45	<=33.01	Pass
			25	23.85	-1.42	22.43	<=33.01	Pass
			50	23.73	-1.42	22.31	<=33.01	Pass
		100	0	23.81	-1.42	22.39	<=33.01	Pass
64QAM	2506	1	0	24.12	-1.42	22.70	<=33.01	Pass
			50	24.01	-1.42	22.59	<=33.01	Pass
			99	24.79	-1.42	23.37	<=33.01	Pass
		50	0	23.01	-1.42	21.59	<=33.01	Pass
			25	23.14	-1.42	21.72	<=33.01	Pass
			50	23.16	-1.42	21.74	<=33.01	Pass
		100	0	23.08	-1.42	21.66	<=33.01	Pass
	2593	1	0	24.38	-1.42	22.96	<=33.01	Pass
			50	24.28	-1.42	22.86	<=33.01	Pass
			99	24.33	-1.42	22.91	<=33.01	Pass
		50	0	23.39	-1.42	21.97	<=33.01	Pass
			25	23.31	-1.42	21.89	<=33.01	Pass
			50	23.24	-1.42	21.82	<=33.01	Pass
		100	0	23.26	-1.42	21.84	<=33.01	Pass
	2680	1	0	24.15	-1.42	22.73	<=33.01	Pass
			50	23.77	-1.42	22.35	<=33.01	Pass
			99	23.52	-1.42	22.10	<=33.01	Pass
		50	0	22.84	-1.42	21.42	<=33.01	Pass
			25	22.85	-1.42	21.43	<=33.01	Pass
			50	22.74	-1.42	21.32	<=33.01	Pass
		100	0	22.80	-1.42	21.38	<=33.01	Pass
256QAM	2506	1	0	21.22	-1.42	19.80	<=33.01	Pass
			50	21.57	-1.42	20.15	<=33.01	Pass

			99	21.53	-1.42	20.11	<=33.01	Pass
		50	0	20.96	-1.42	19.54	<=33.01	Pass
			25	21.10	-1.42	19.68	<=33.01	Pass
			50	21.10	-1.42	19.68	<=33.01	Pass
		100	0	21.05	-1.42	19.63	<=33.01	Pass
	2593	1	0	21.66	-1.42	20.24	<=33.01	Pass
			50	21.44	-1.42	20.02	<=33.01	Pass
			99	21.23	-1.42	19.81	<=33.01	Pass
		50	0	21.30	-1.42	19.88	<=33.01	Pass
			25	21.23	-1.42	19.81	<=33.01	Pass
			50	21.12	-1.42	19.70	<=33.01	Pass
		100	0	21.29	-1.42	19.87	<=33.01	Pass
		2680	1	0	21.27	-1.42	19.85	<=33.01
	50			20.60	-1.42	19.18	<=33.01	Pass
	99			20.31	-1.42	18.89	<=33.01	Pass
	50		0	20.85	-1.42	19.43	<=33.01	Pass
			25	20.80	-1.42	19.38	<=33.01	Pass
			50	20.68	-1.42	19.26	<=33.01	Pass
	100		0	20.74	-1.42	19.32	<=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	-4.745	-0.0018	-2.5 to 2.5	Pass
					NV	-23.774	-0.0092	-2.5 to 2.5	Pass
					HV	-19.907	-0.0077	-2.5 to 2.5	Pass
				-30	NV	-11.006	-0.0042	-2.5 to 2.5	Pass
				-20	NV	-5.026	-0.0019	-2.5 to 2.5	Pass
				-10	NV	-7.771	-0.0030	-2.5 to 2.5	Pass
				0	NV	-6.260	-0.0024	-2.5 to 2.5	Pass
				10	NV	-5.493	-0.0021	-2.5 to 2.5	Pass
				30	NV	-5.512	-0.0021	-2.5 to 2.5	Pass
				40	NV	-1.900	-0.0007	-2.5 to 2.5	Pass
				50	NV	-0.372	-0.0001	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

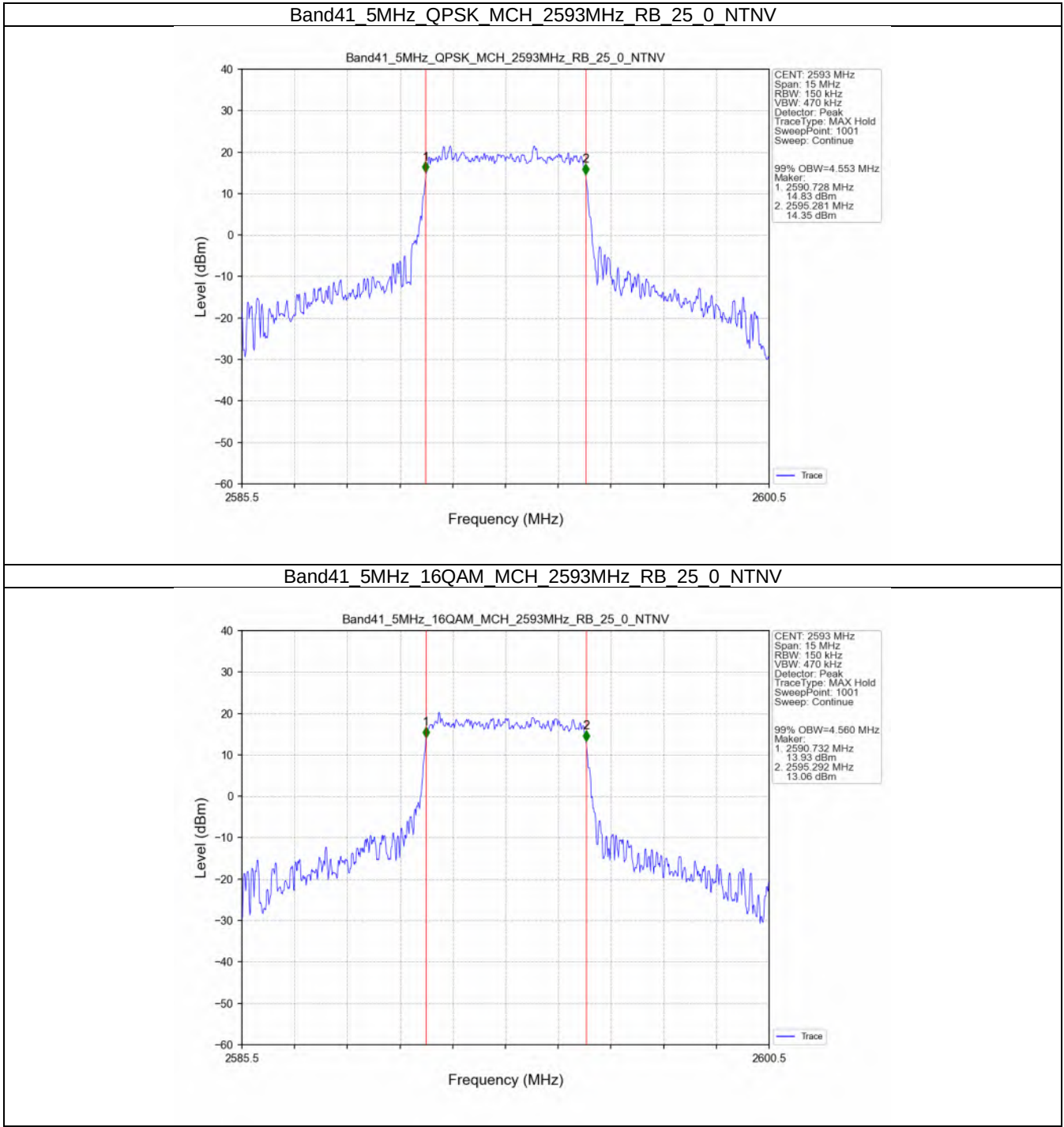
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.553	/	Pass
	16QAM	2593	25	0	4.560	/	Pass
	64QAM	2593	25	0	4.549	/	Pass
	256QAM	2593	25	0	4.554	/	Pass
10	QPSK	2593	50	0	9.081	/	Pass
	16QAM	2593	50	0	9.080	/	Pass
	64QAM	2593	50	0	9.084	/	Pass
	256QAM	2593	50	0	9.053	/	Pass
15	QPSK	2593	75	0	13.636	/	Pass
	16QAM	2593	75	0	13.581	/	Pass
	64QAM	2593	75	0	13.631	/	Pass
	256QAM	2593	75	0	13.605	/	Pass
20	QPSK	2593	100	0	18.181	/	Pass
	16QAM	2593	100	0	18.139	/	Pass
	64QAM	2593	100	0	18.116	/	Pass
	256QAM	2593	100	0	18.206	/	Pass

3.1.2 Band41_XDB

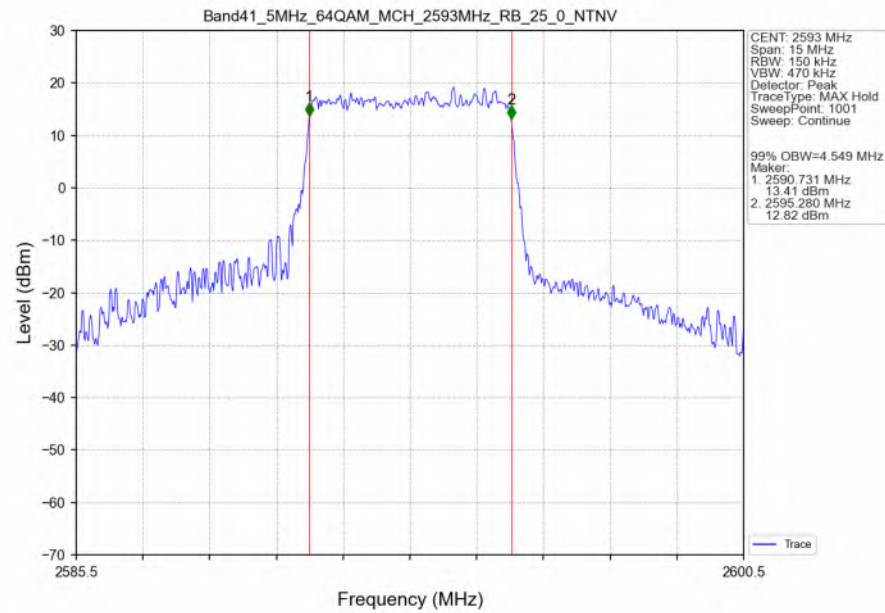
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.397	/	Pass
	16QAM	2593	25	0	5.296	/	Pass
	64QAM	2593	25	0	5.152	/	Pass
	256QAM	2593	25	0	5.053	/	Pass
10	QPSK	2593	50	0	9.923	/	Pass
	16QAM	2593	50	0	10.099	/	Pass
	64QAM	2593	50	0	11.667	/	Pass
	256QAM	2593	50	0	11.040	/	Pass
15	QPSK	2593	75	0	15.782	/	Pass
	16QAM	2593	75	0	16.836	/	Pass
	64QAM	2593	75	0	22.414	/	Pass
	256QAM	2593	75	0	16.243	/	Pass
20	QPSK	2593	100	0	28.166	/	Pass
	16QAM	2593	100	0	22.060	/	Pass
	64QAM	2593	100	0	23.328	/	Pass
	256QAM	2593	100	0	25.291	/	Pass

3.2 Test Graph

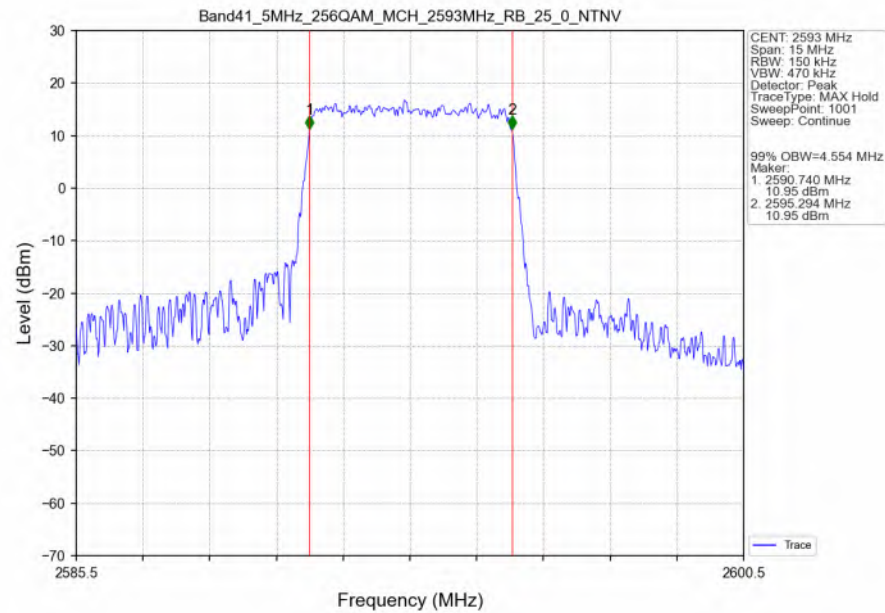
3.2.1 Band41_OBW



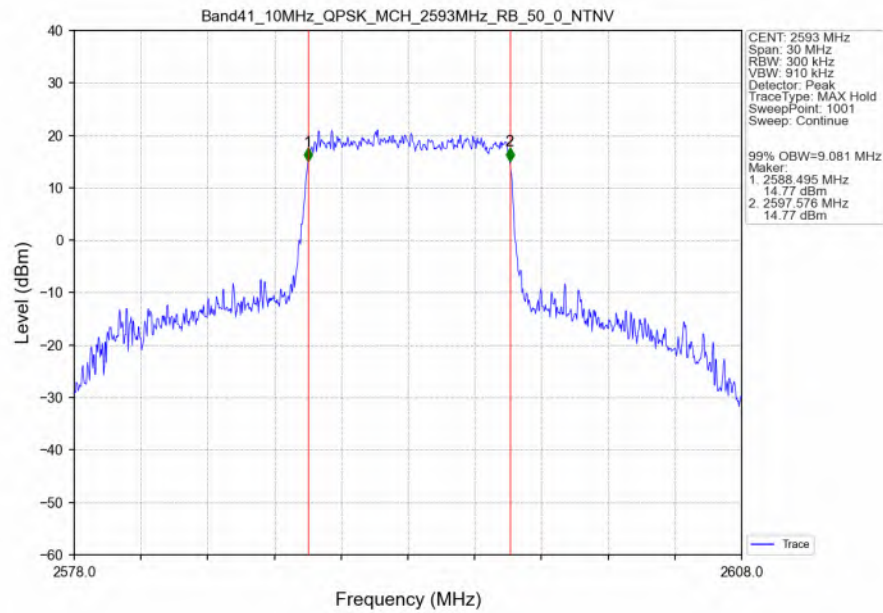
Band41 5MHz 64QAM MCH 2593MHz RB 25 0 NTN



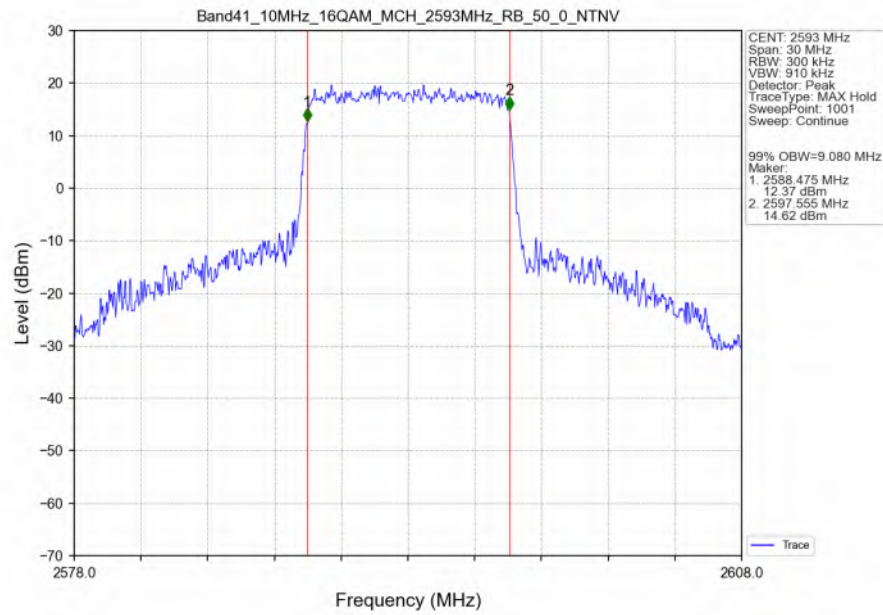
Band41 5MHz 256QAM MCH 2593MHz RB 25 0 NTN



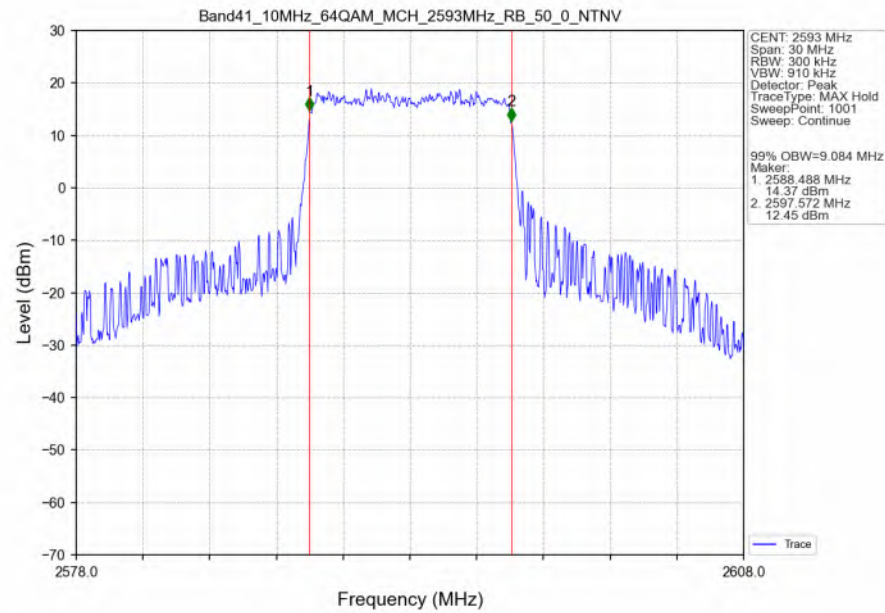
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTNV



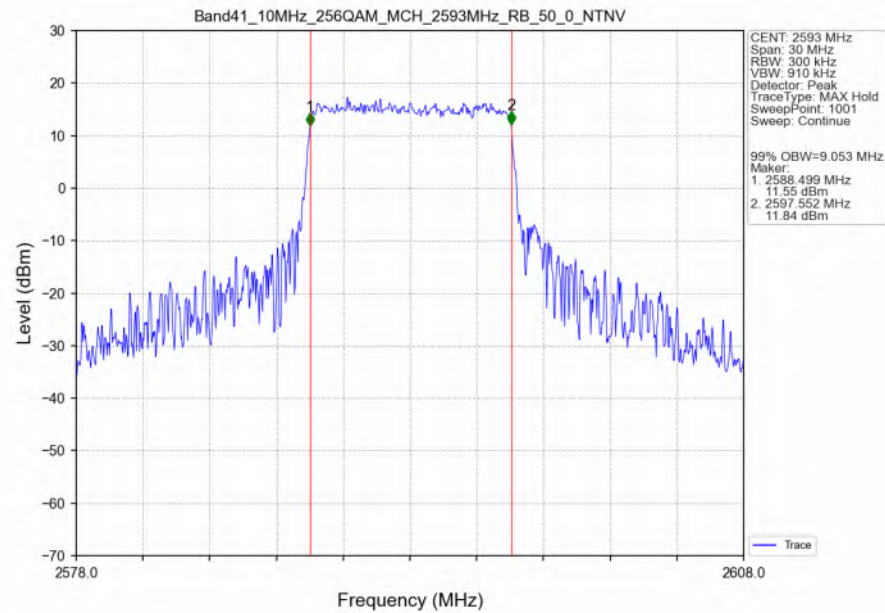
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



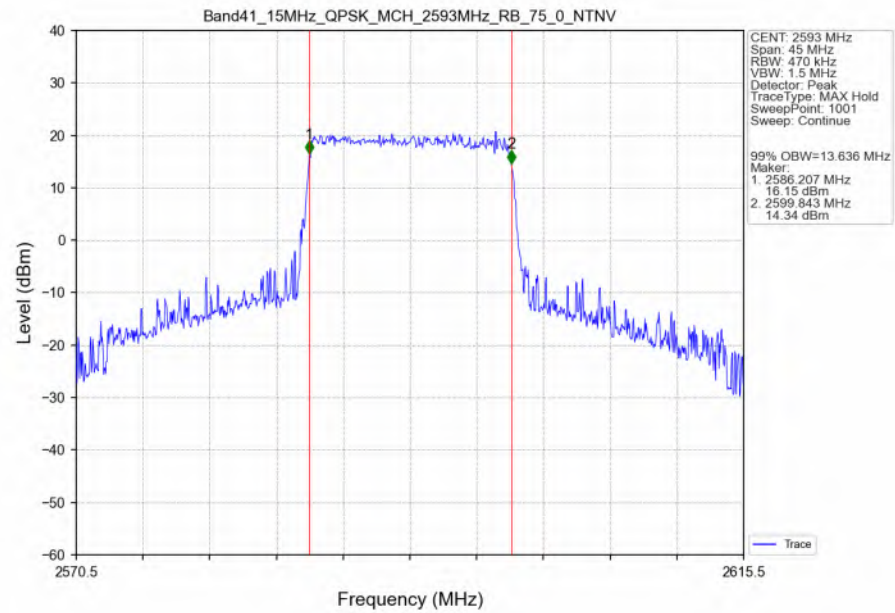
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTN



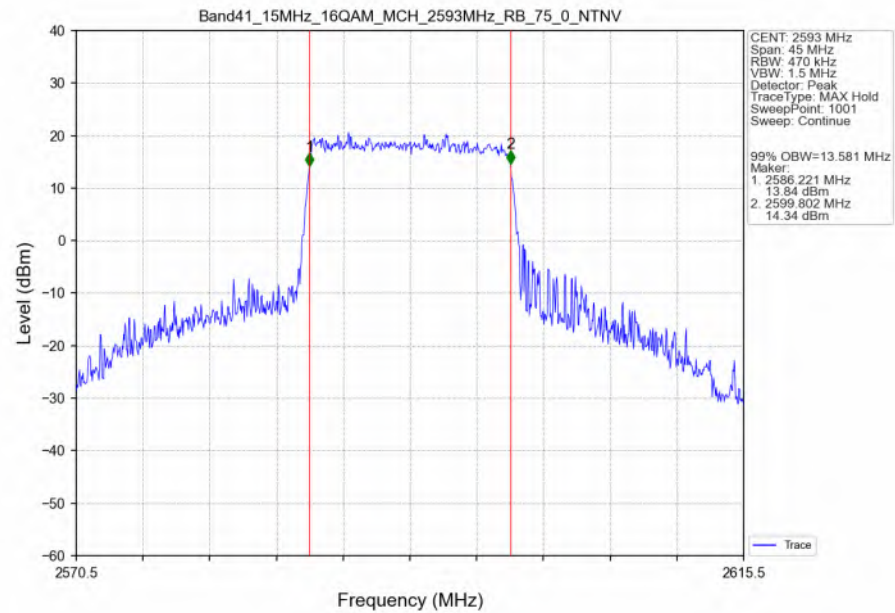
Band41 10MHz 256QAM MCH 2593MHz RB 50 0 NTN



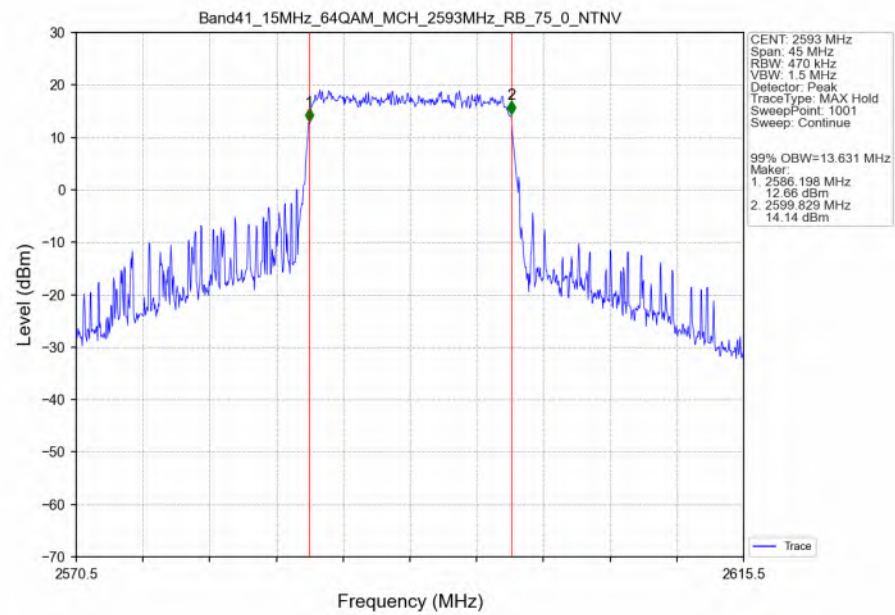
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



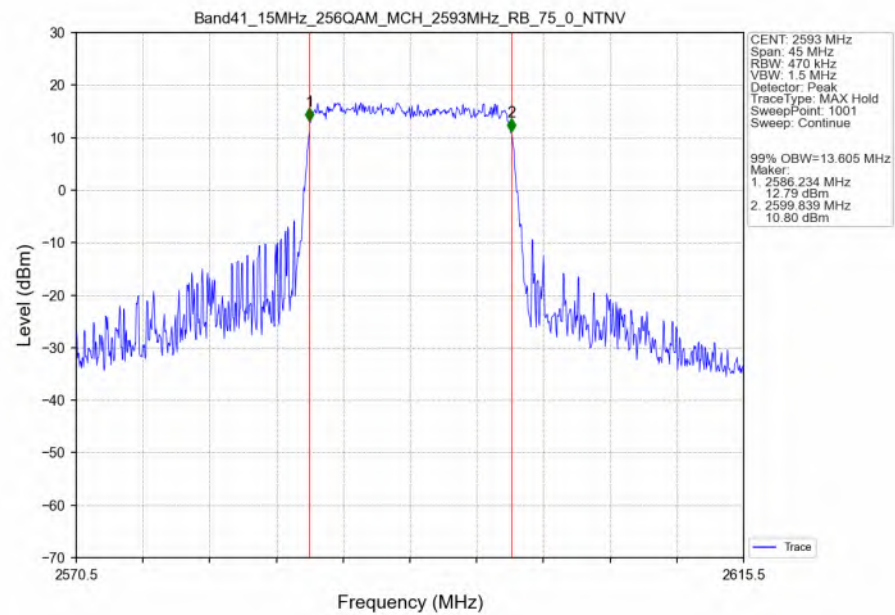
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



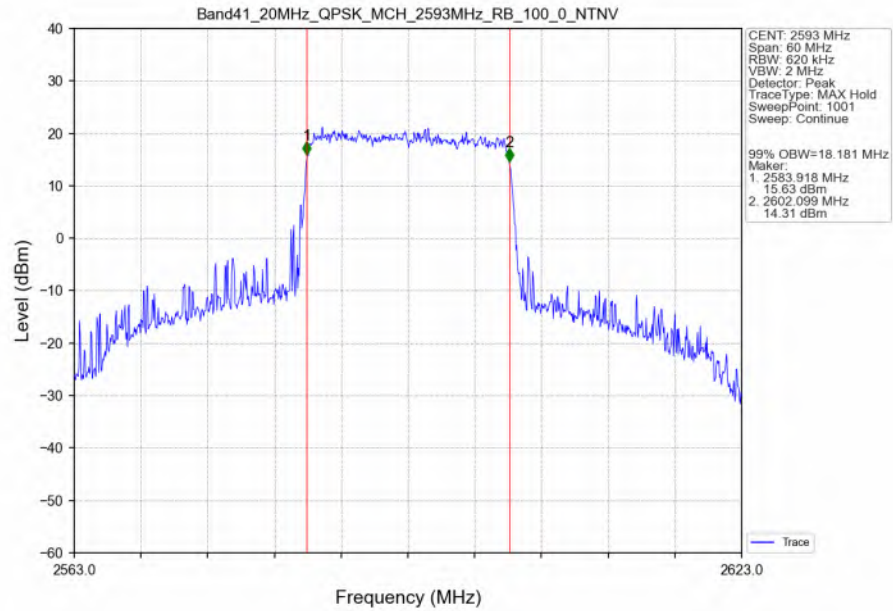
Band41 15MHz 64QAM MCH 2593MHz RB 75 0 NTN



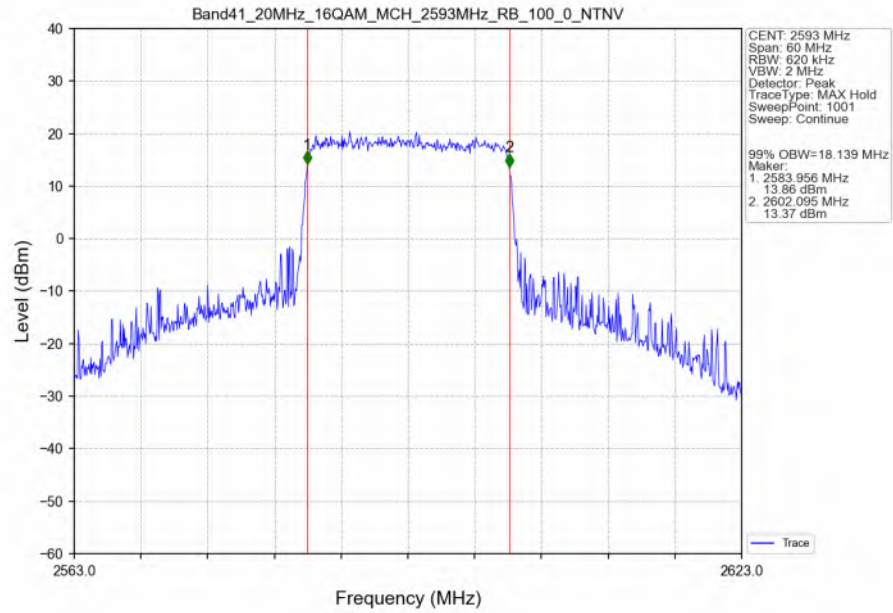
Band41 15MHz 256QAM MCH 2593MHz RB 75 0 NTN



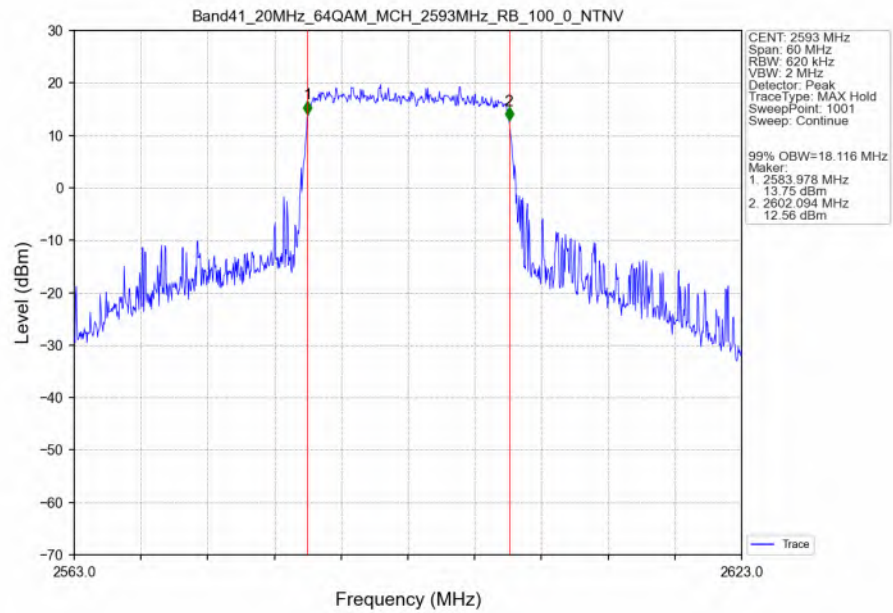
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTV



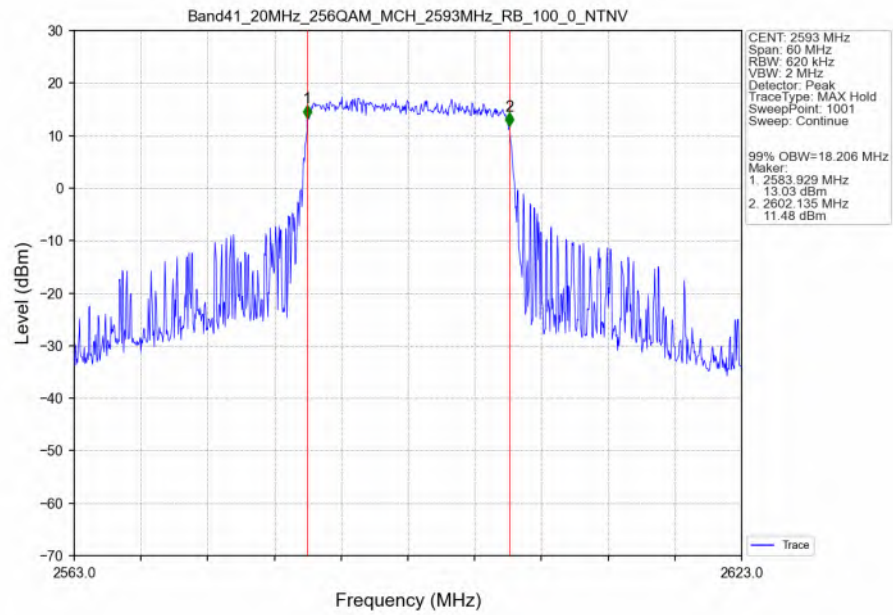
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTV



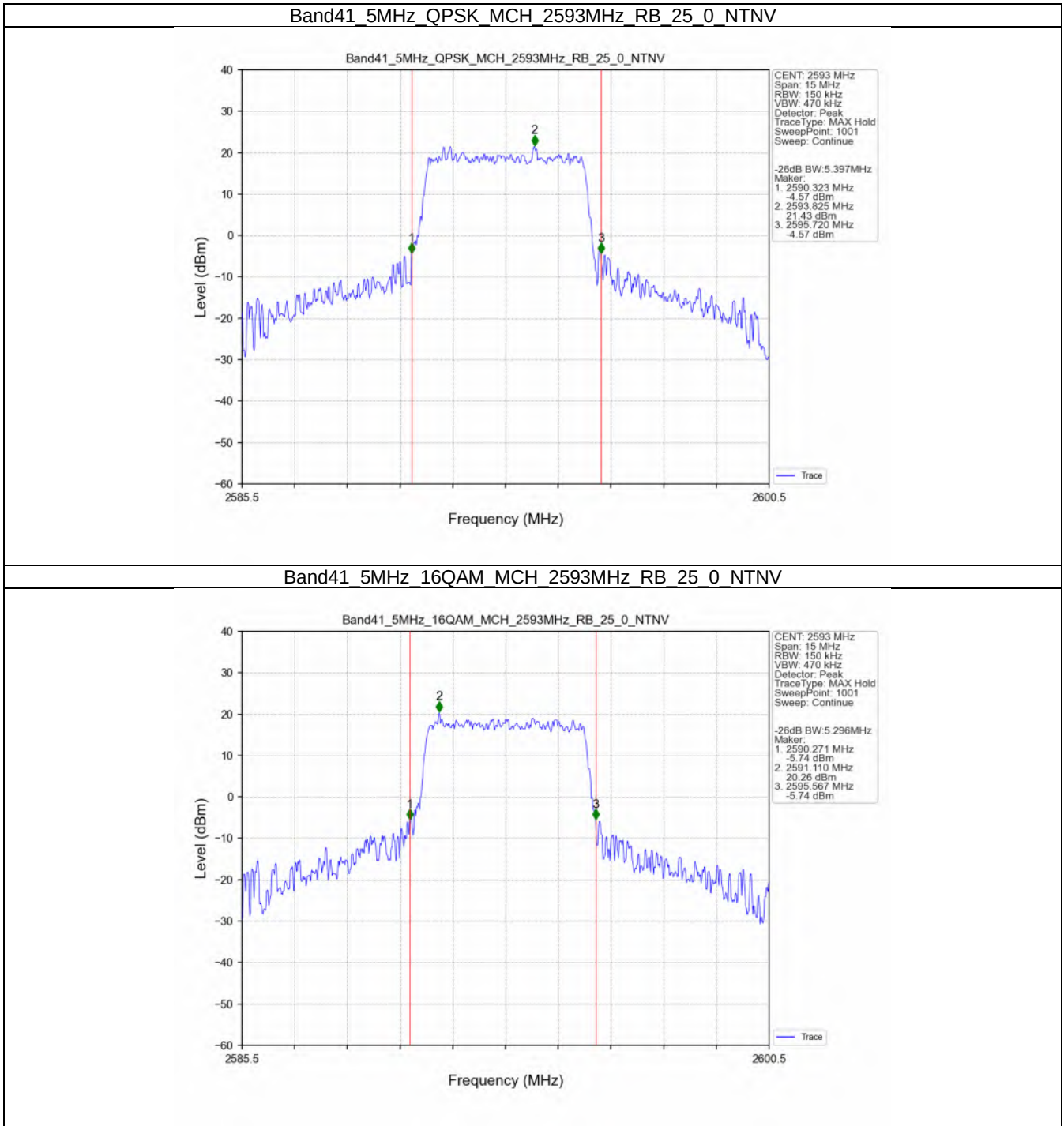
Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



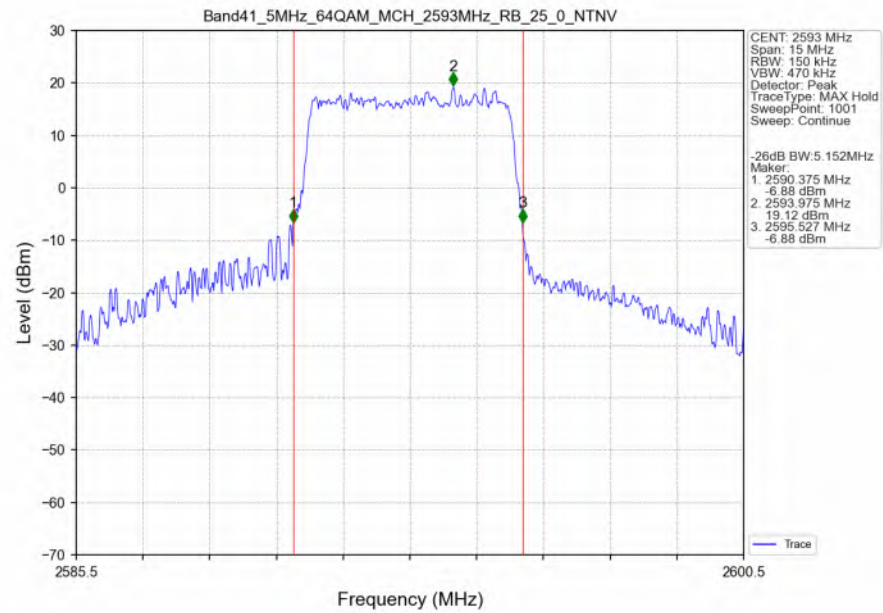
Band41_20MHz_256QAM_MCH_2593MHz_RB_100_0_NTNV



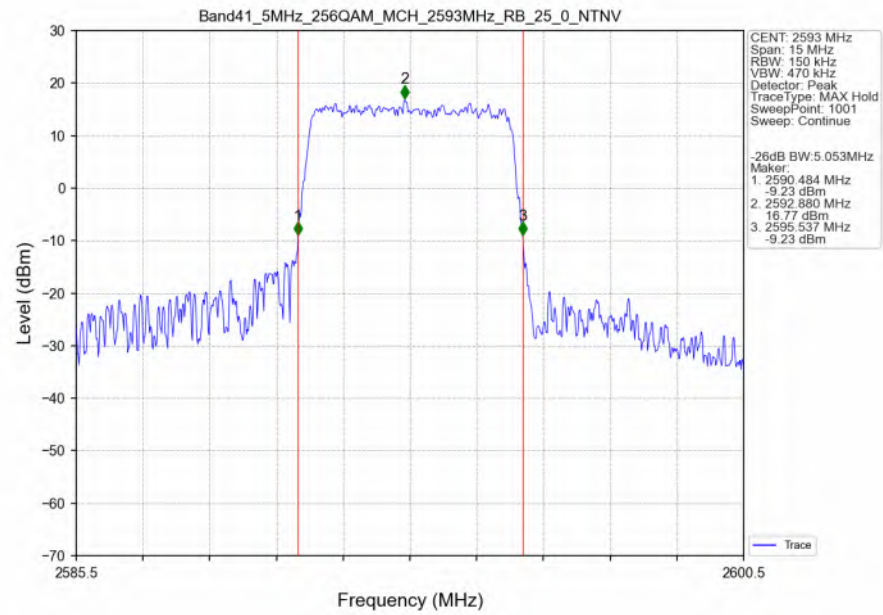
3.2.2 Band41_XDB



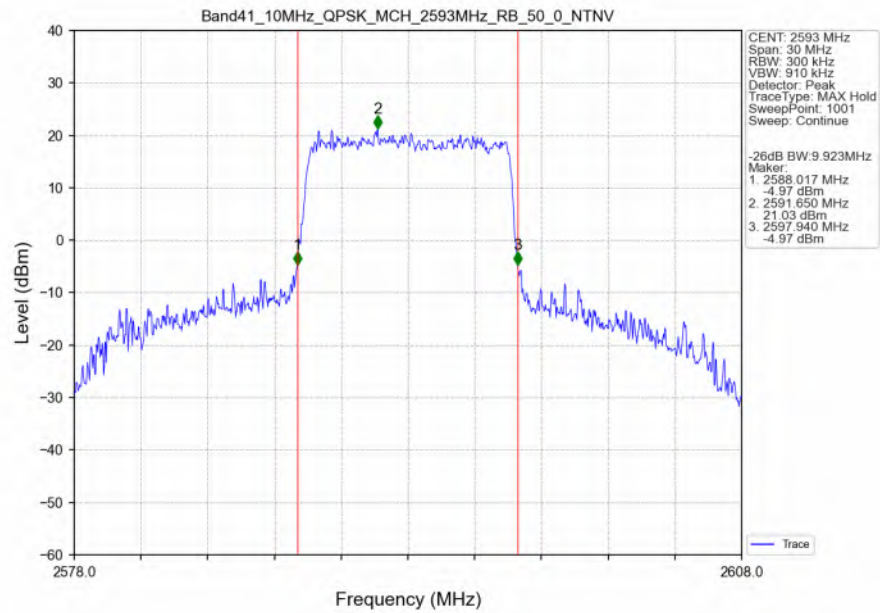
Band41 5MHz 64QAM MCH 2593MHz RB 25 0 NTNV



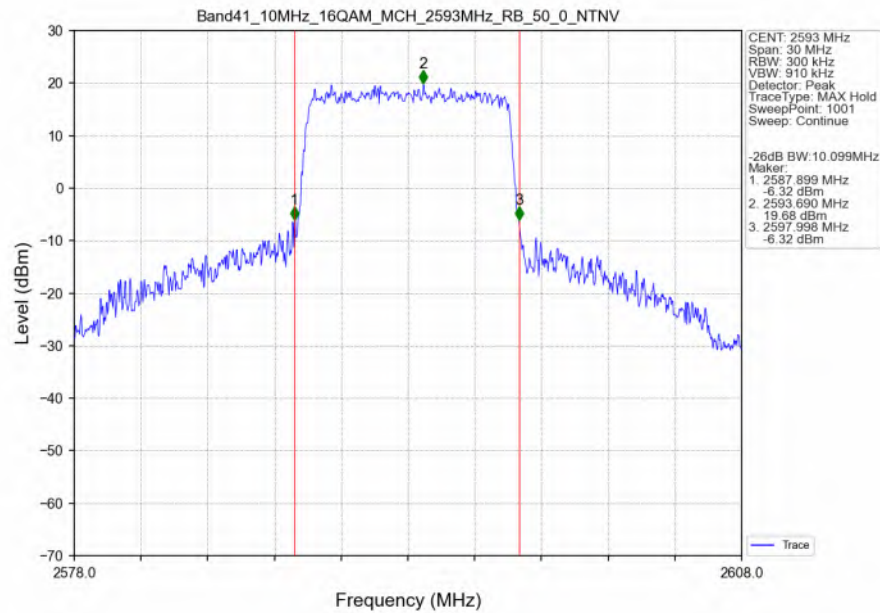
Band41 5MHz 256QAM MCH 2593MHz RB 25 0 NTNV



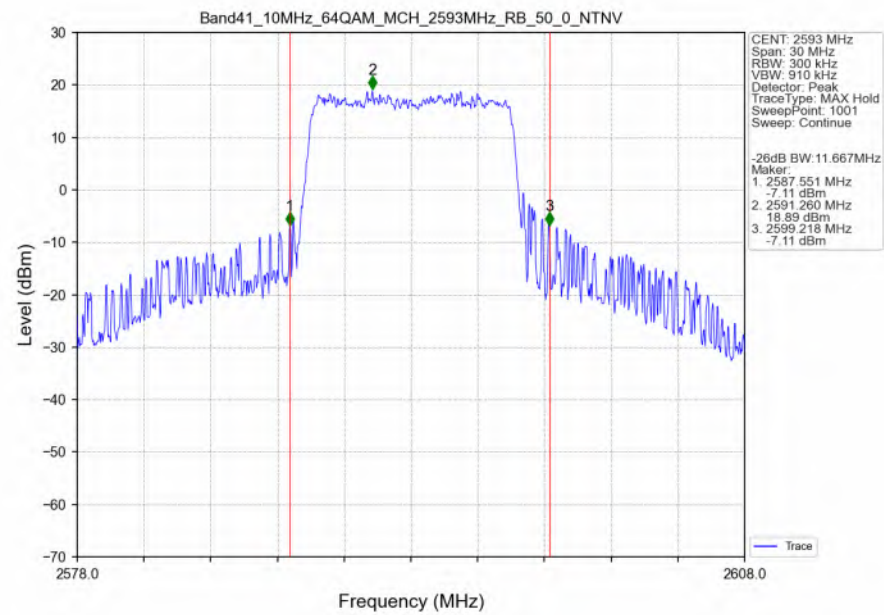
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



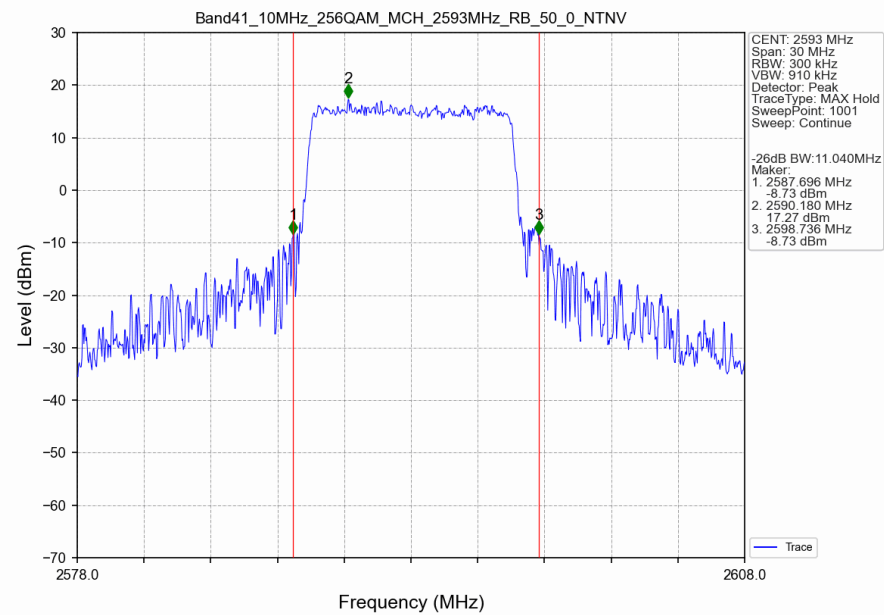
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



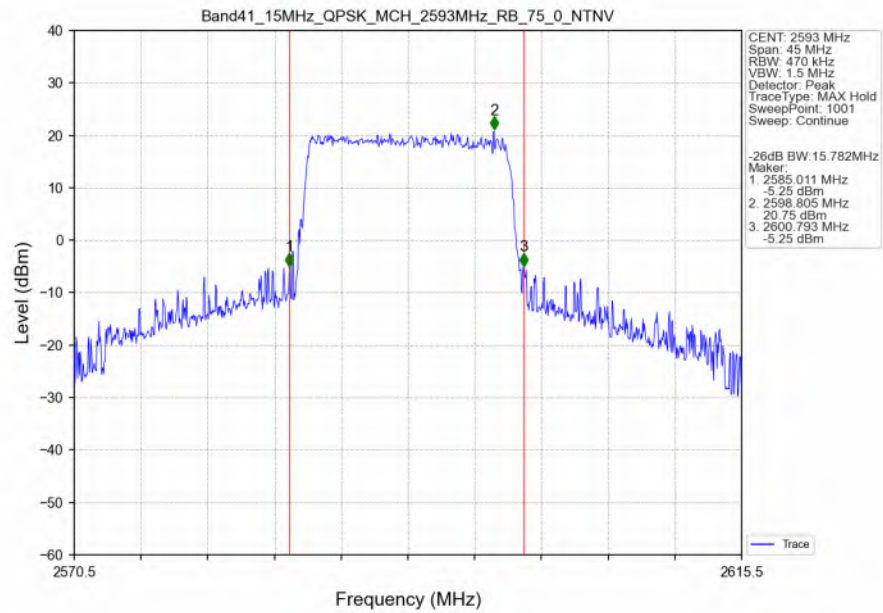
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTN



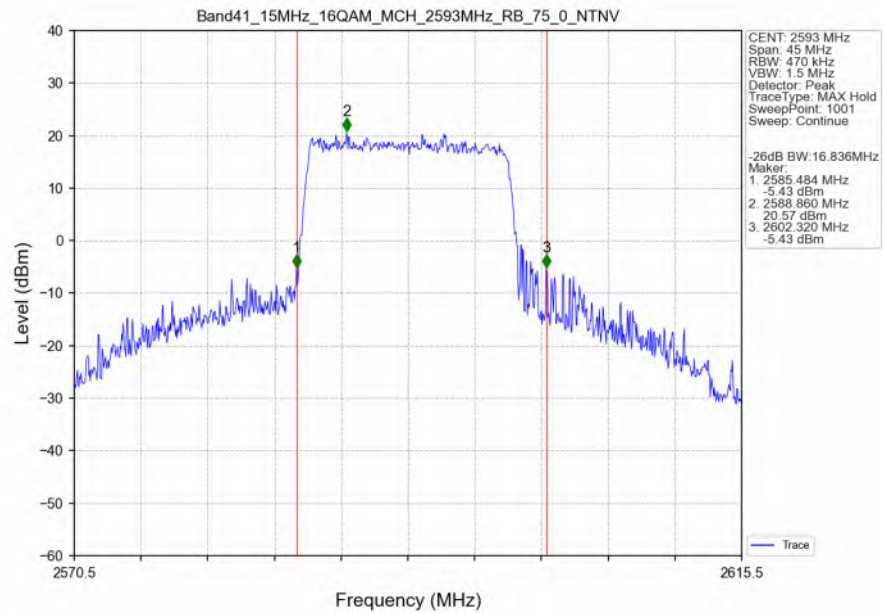
Band41 10MHz 256QAM MCH 2593MHz RB 50 0 NTN



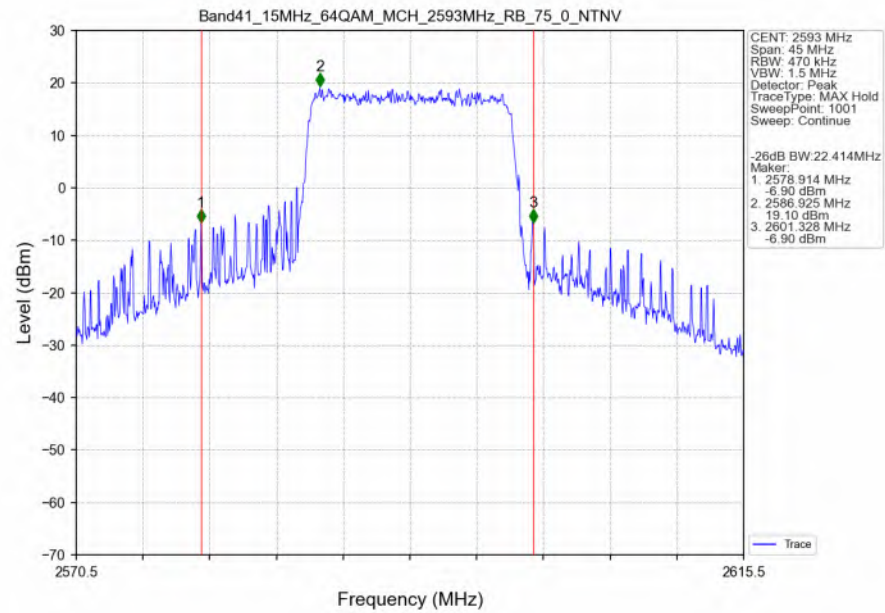
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



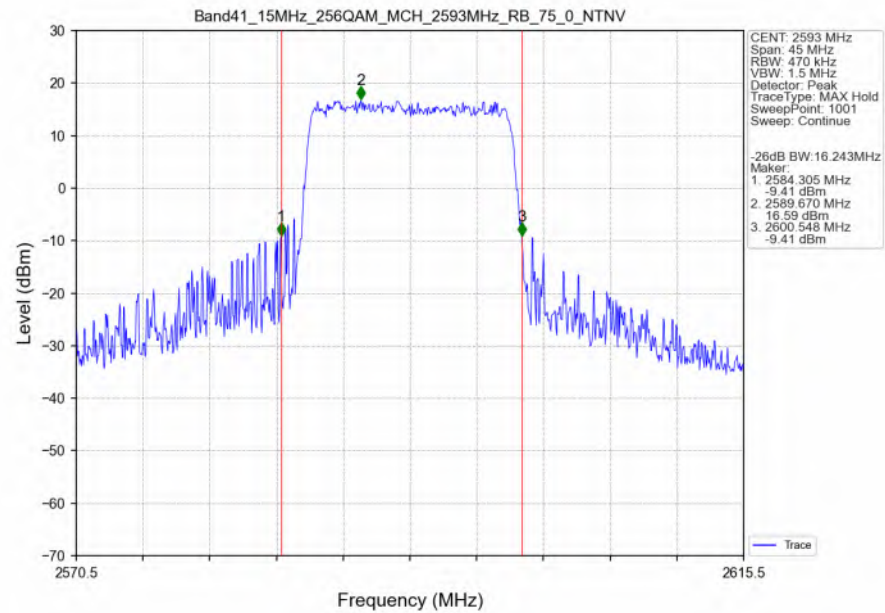
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



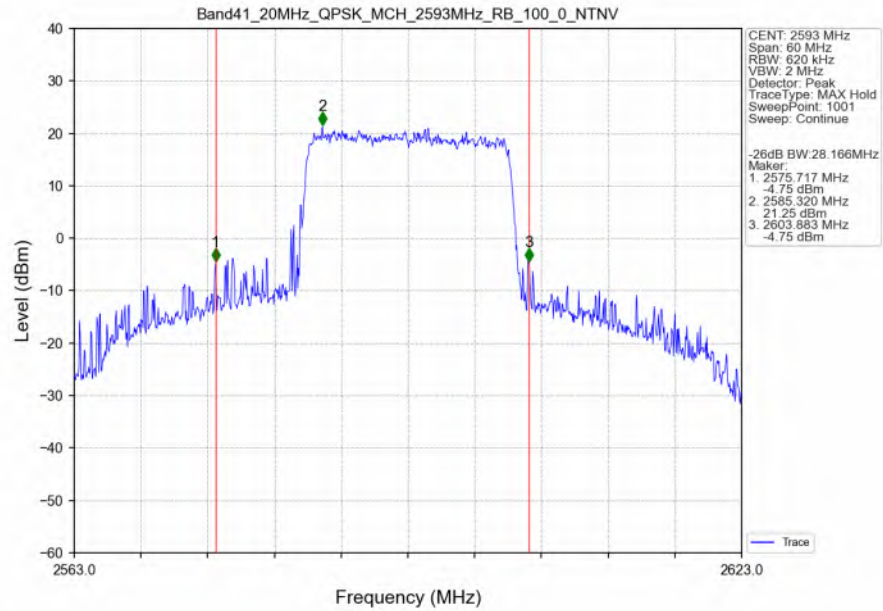
Band41 15MHz 64QAM MCH 2593MHz RB 75 0 NTN



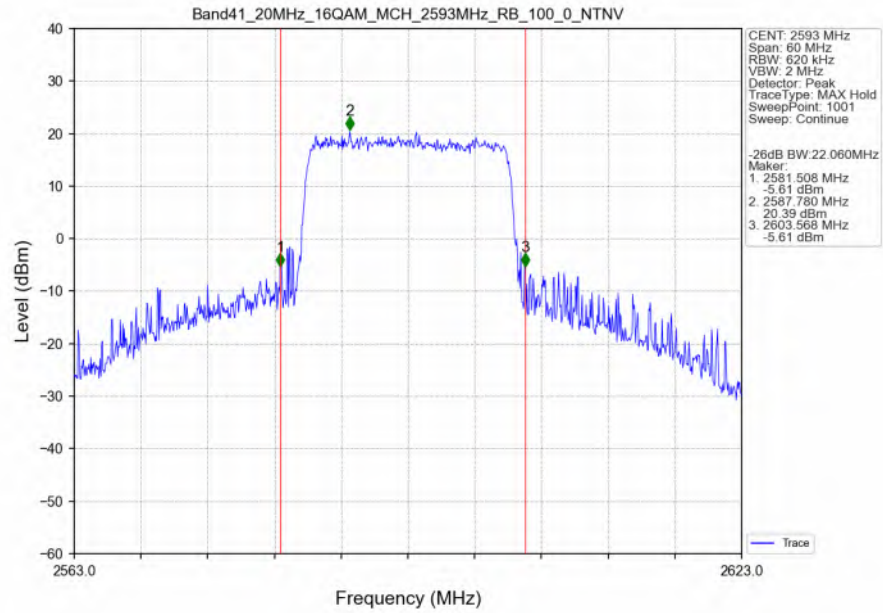
Band41 15MHz 256QAM MCH 2593MHz RB 75 0 NTN



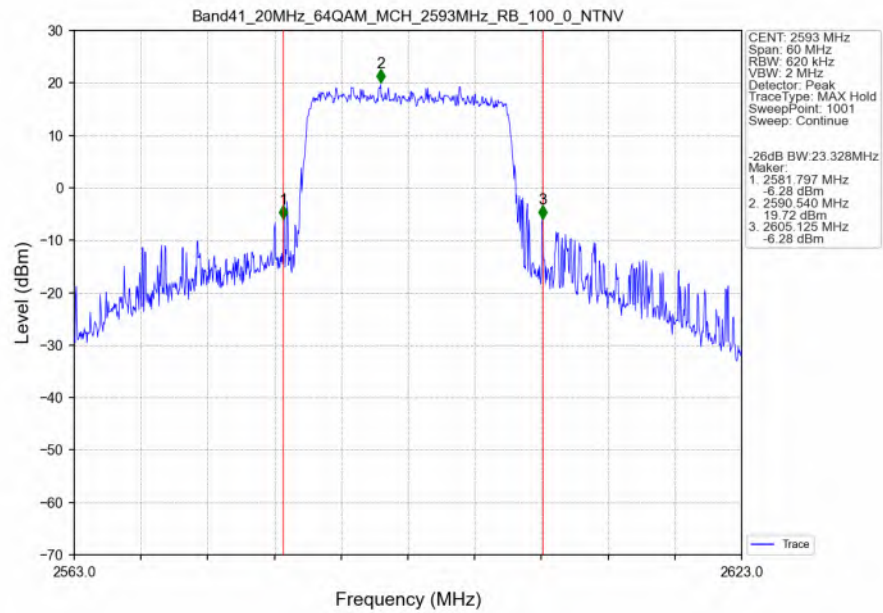
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTV



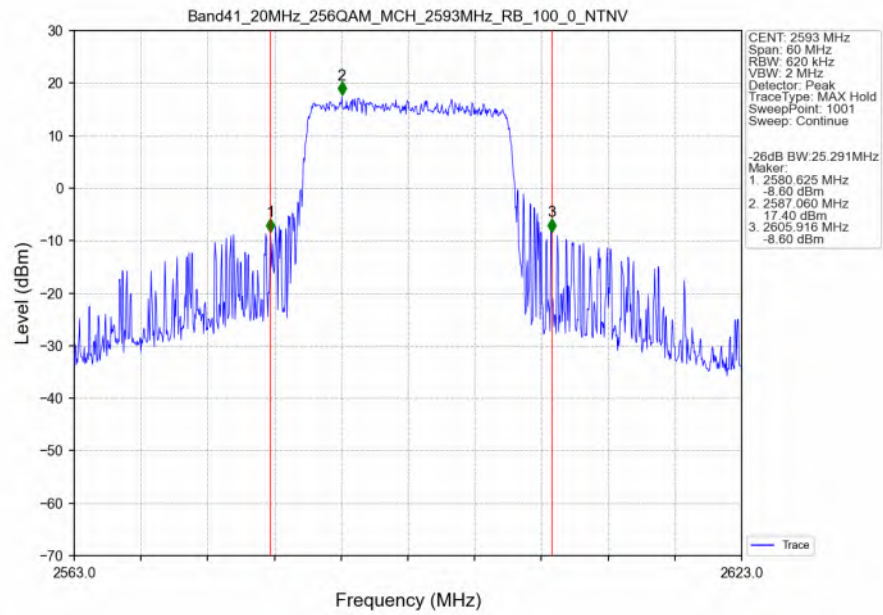
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTV



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



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



4. Peak-Average Ratio

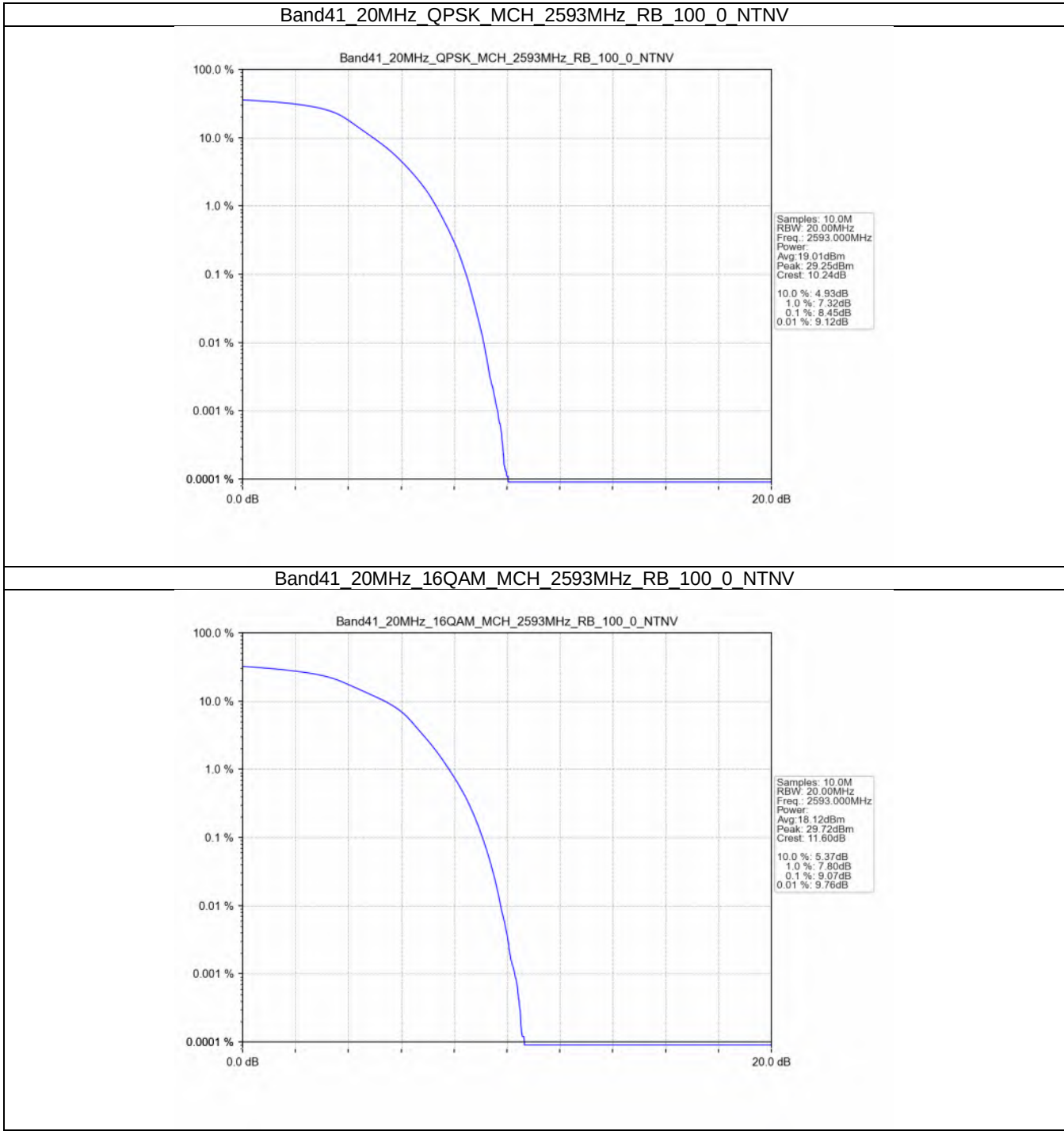
4.1 Test Result

4.1.1 B41_20MHz

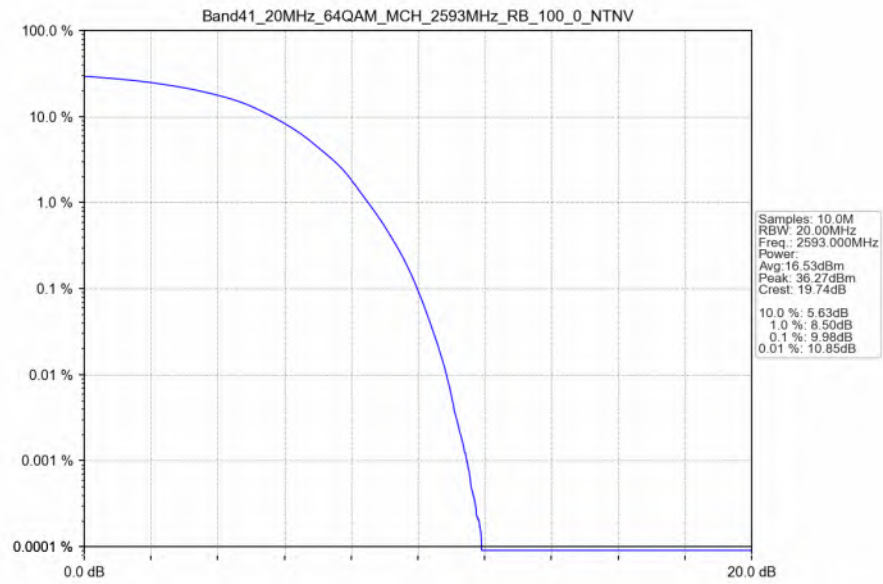
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	8.45	<=13	Pass
16QAM	2593	100	0	9.07	<=13	Pass
64QAM	2593	100	0	9.98	<=13	Pass
256QAM	2593	100	0	10.79	<=13	Pass

4.2 Test Graph

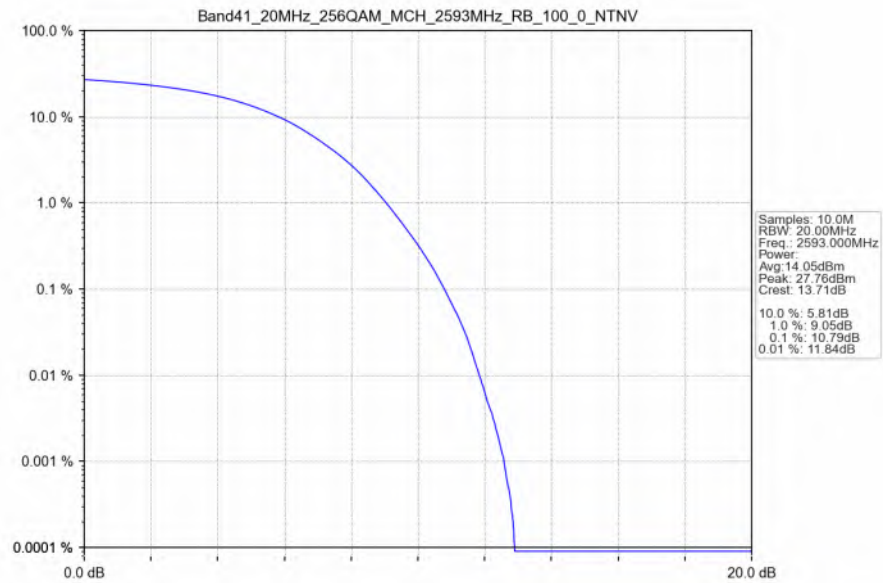
4.2.1 B41_20MHz



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

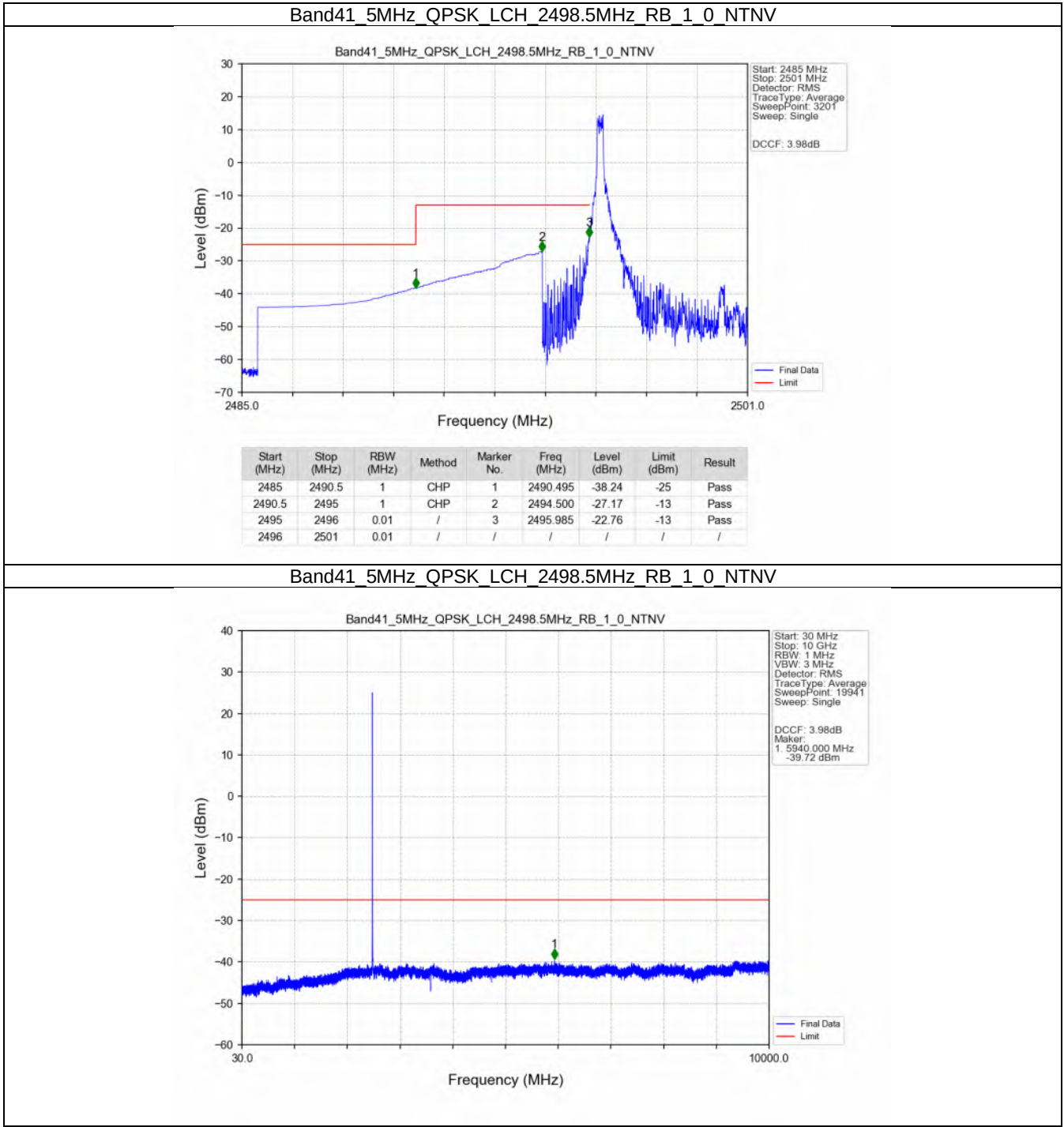
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B41_20MHz

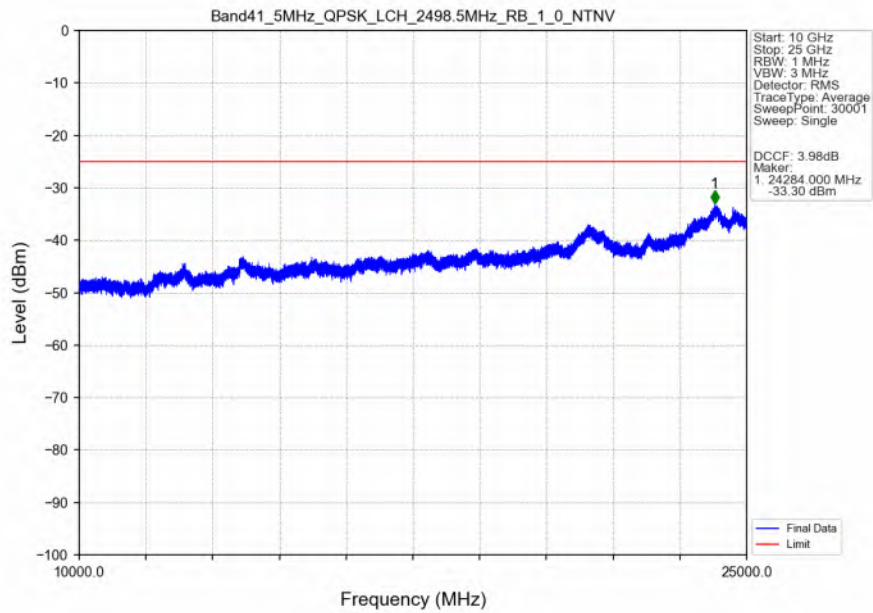
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

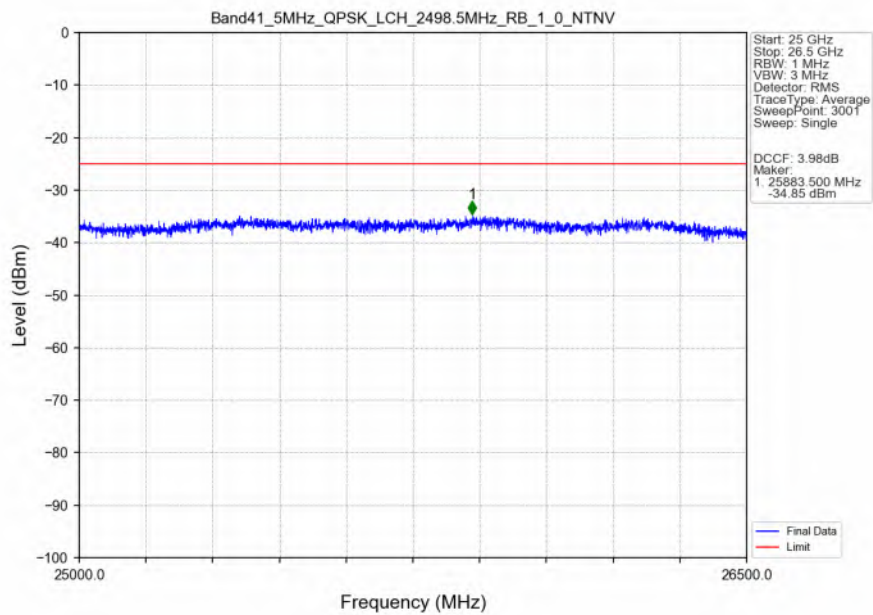
5.2.1 B41_5MHz



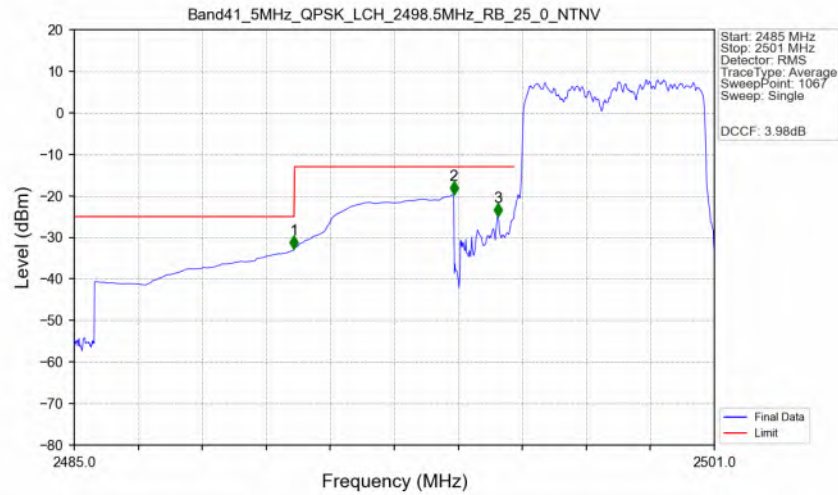
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

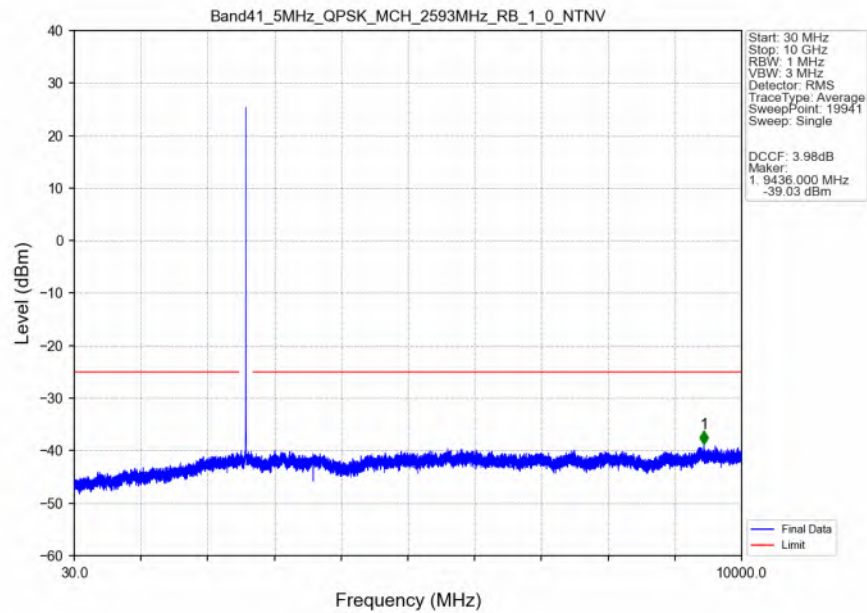


Band41 5MHz QPSK LCH 2498.5MHz RB 25 0 NTN

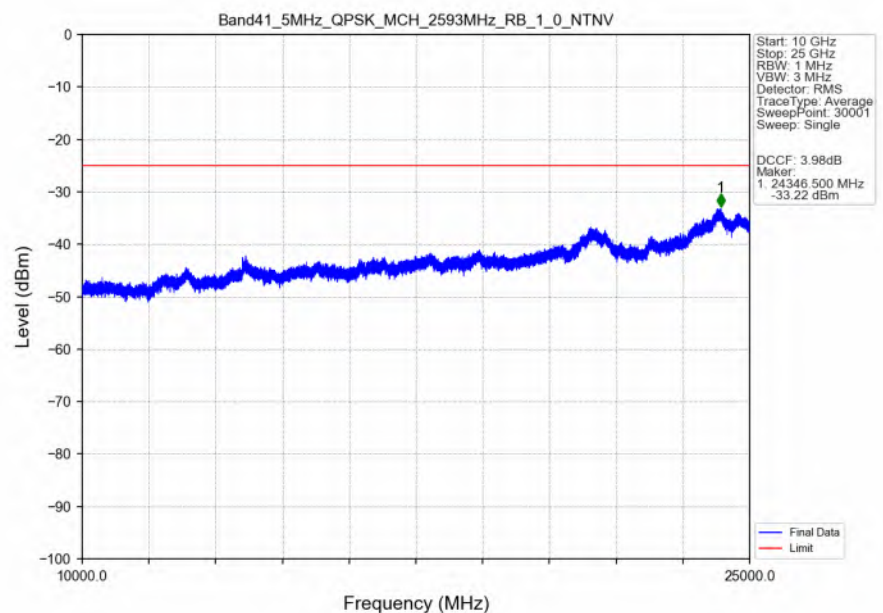


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-32.77	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-19.72	-13	Pass
2495	2496	0.054	CHP	3	2495.582	-24.92	-13	Pass
2496	2501	0.054	CHP	/	/	/	/	/

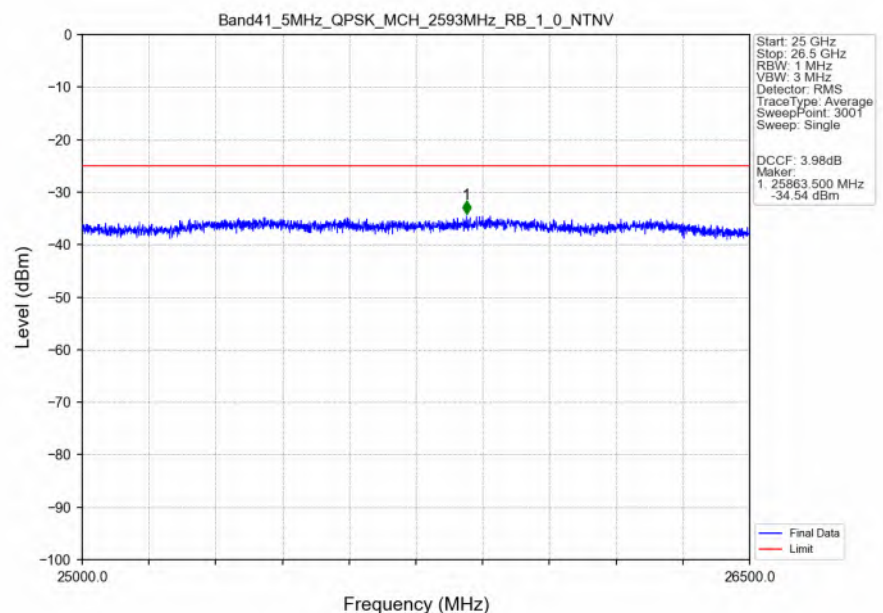
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



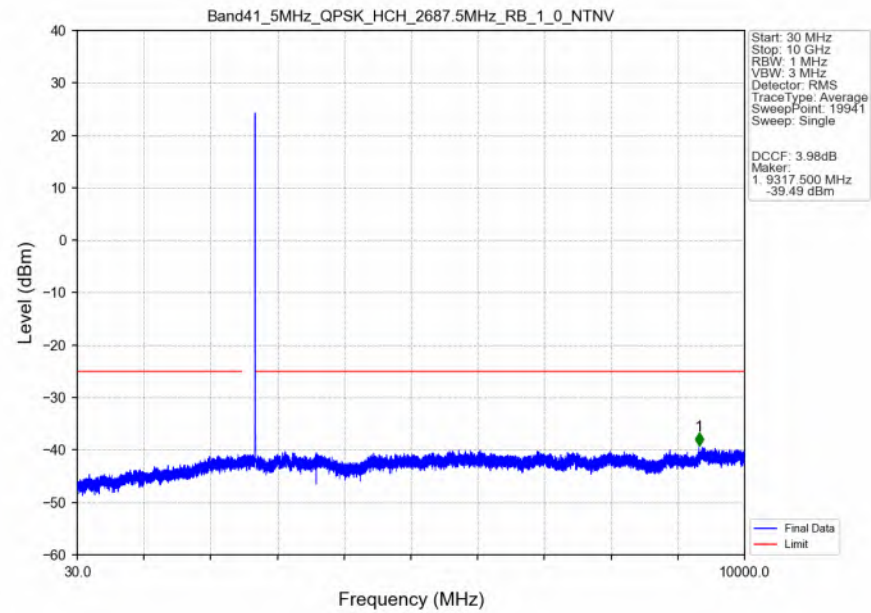
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



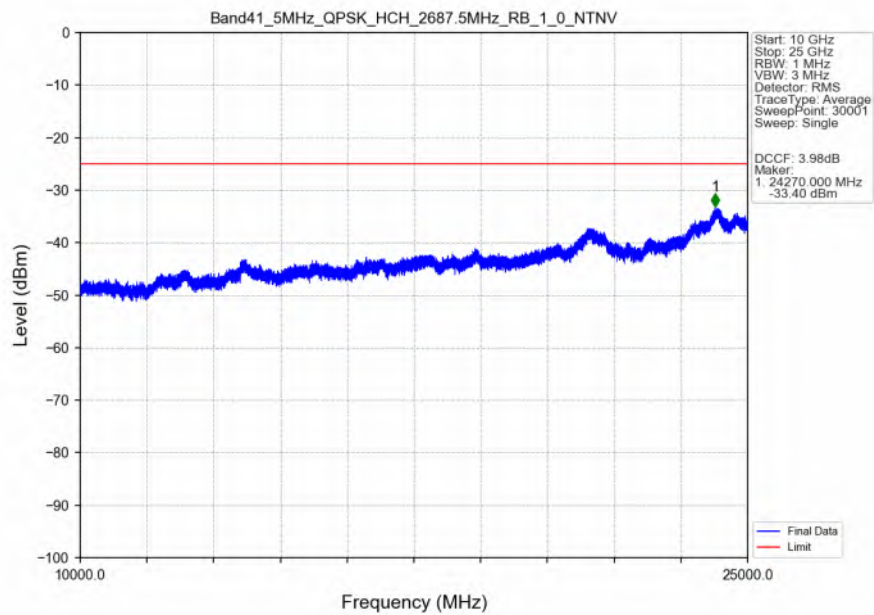
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



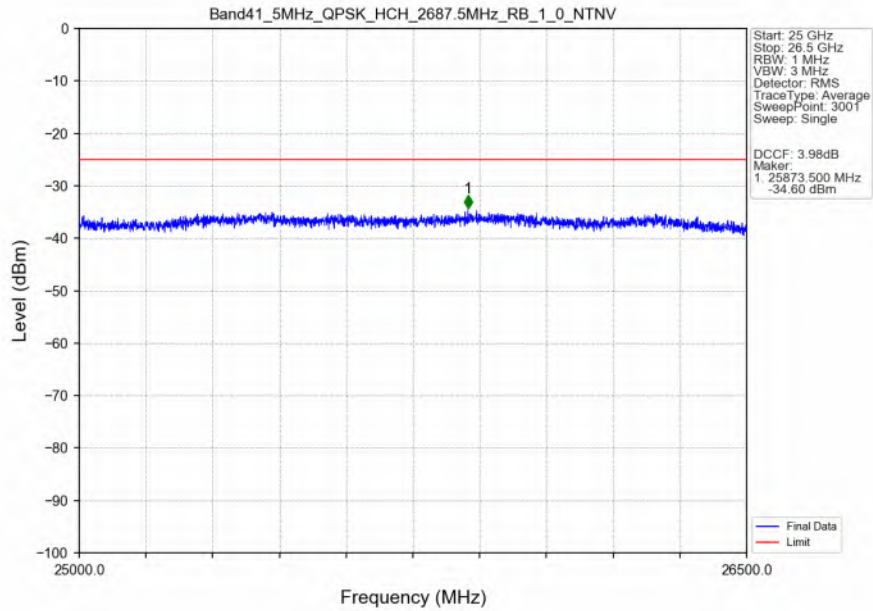
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



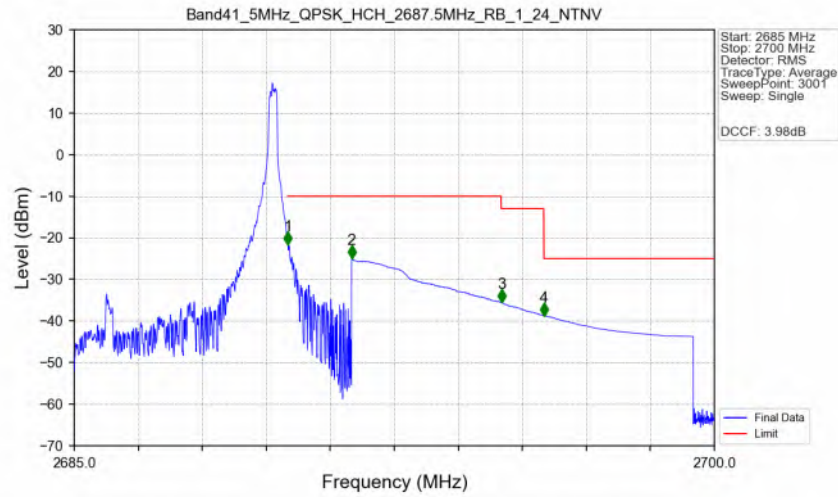
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV

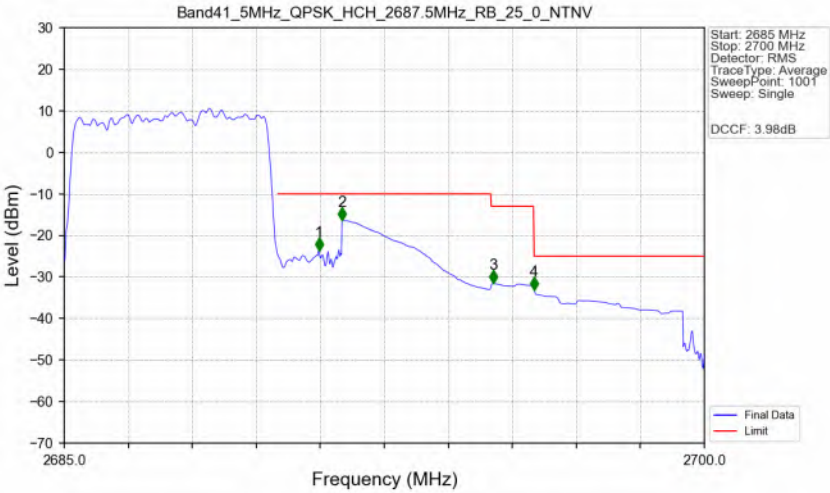


Band41 5MHz QPSK HCH 2687.5MHz RB 1 24 NTV



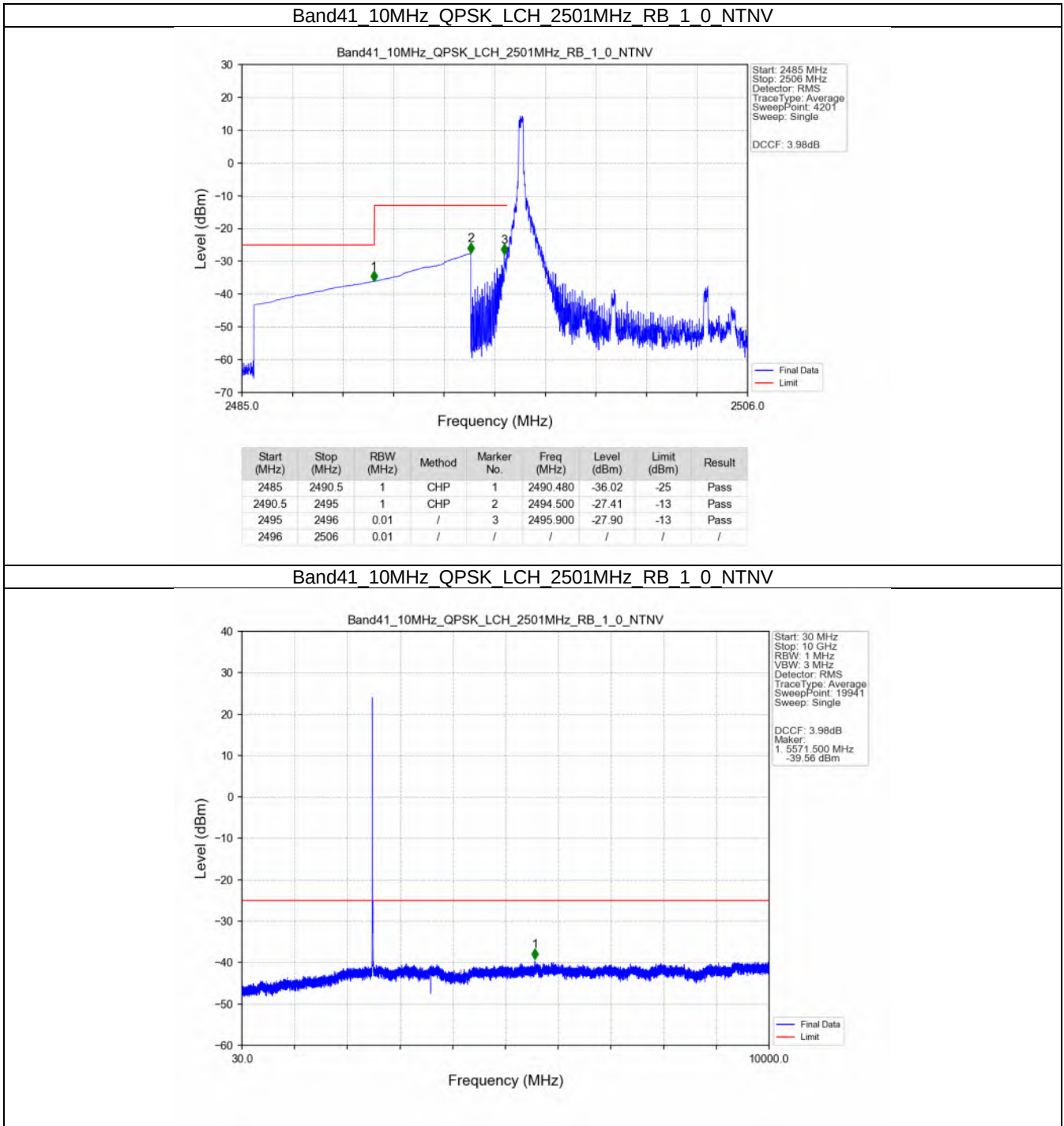
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-21.63	-10	Pass
2691	2695	1	CHP	2	2691.500	-24.99	-10	Pass
2695	2696	1	CHP	3	2695.010	-35.57	-13	Pass
2696	2700	1	CHP	4	2696.005	-38.82	-25	Pass

Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTV

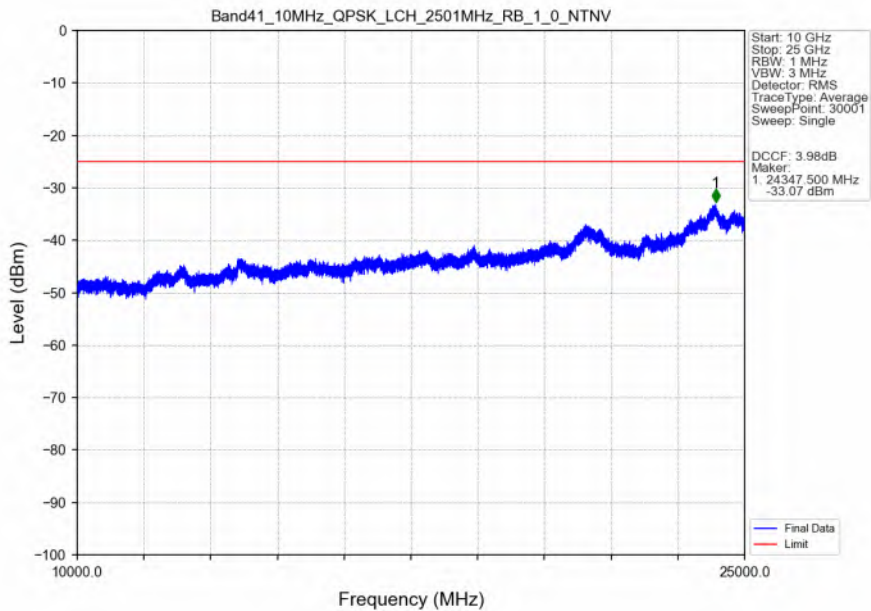


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.108	CHP	/	/	/	/	/
2690	2691	0.108	CHP	1	2690.970	-23.63	-10	Pass
2691	2695	1	CHP	2	2691.510	-16.34	-10	Pass
2695	2696	1	CHP	3	2695.050	-31.58	-13	Pass
2696	2700	1	CHP	4	2696.010	-33.10	-25	Pass

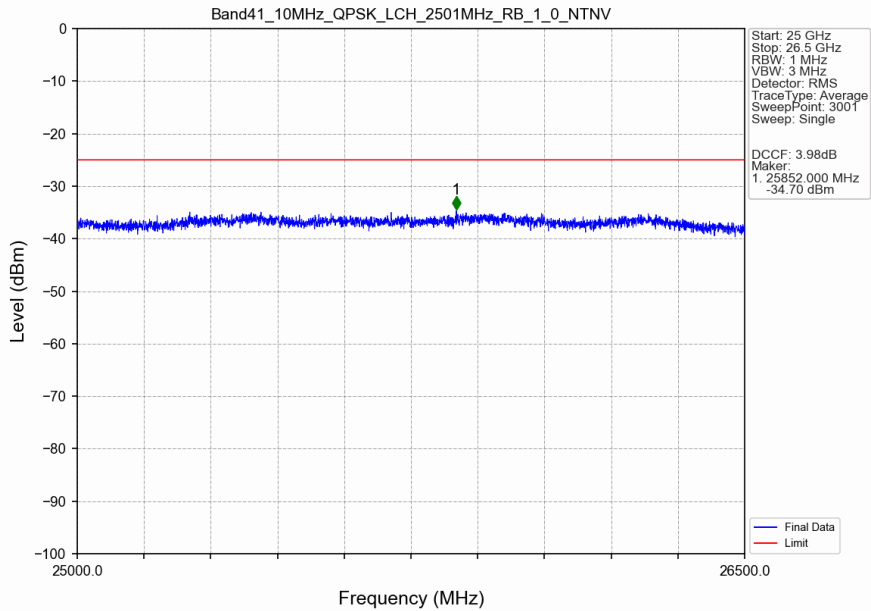
5.2.2 B41_10MHz



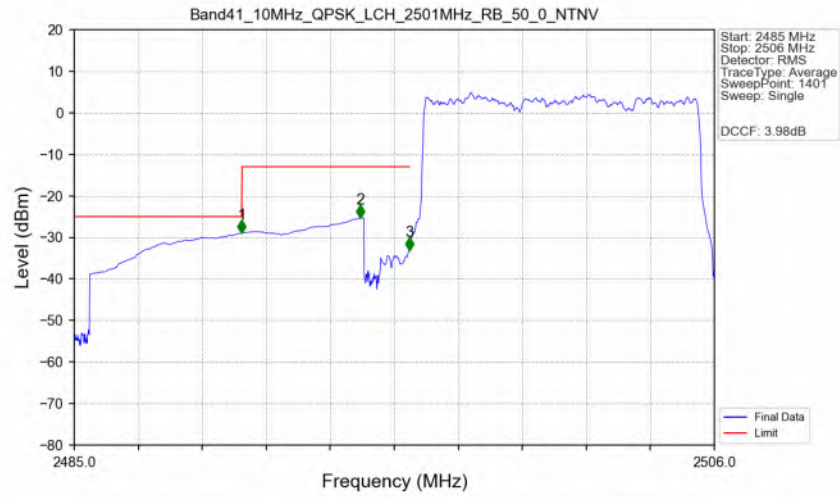
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

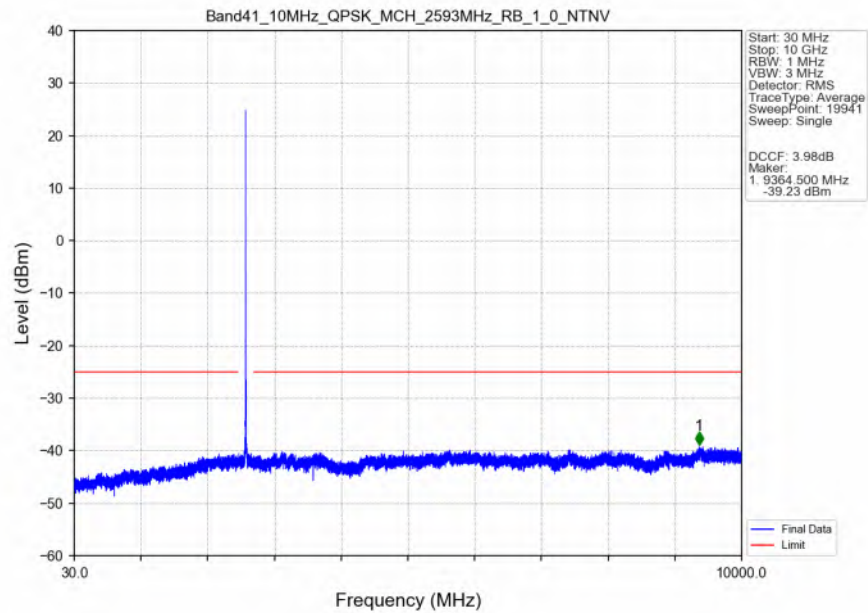


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

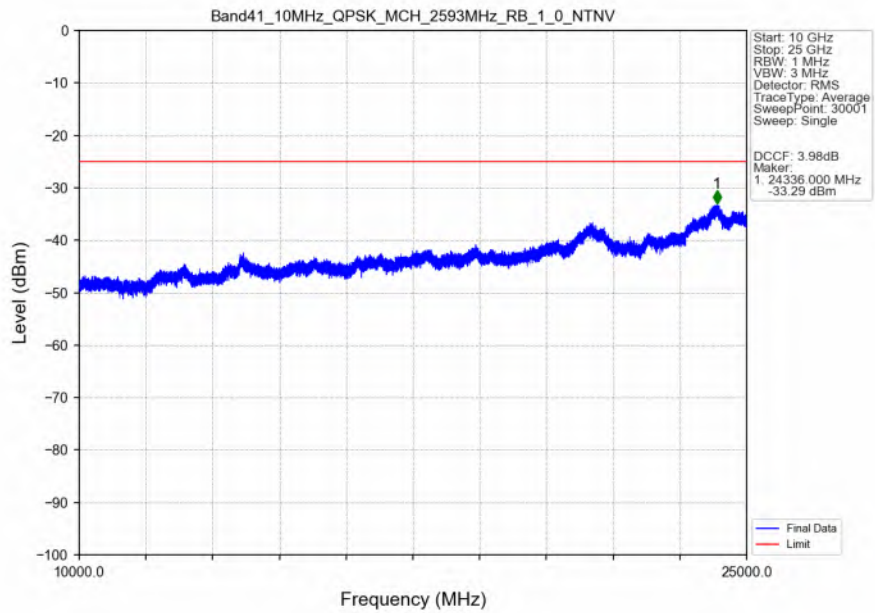


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-28.88	-25	Pass
2490.5	2495	1	CHP	2	2494.390	-25.33	-13	Pass
2495	2496	0.099	CHP	3	2495.995	-33.14	-13	Pass
2496	2506	0.099	CHP	/	/	/	/	/

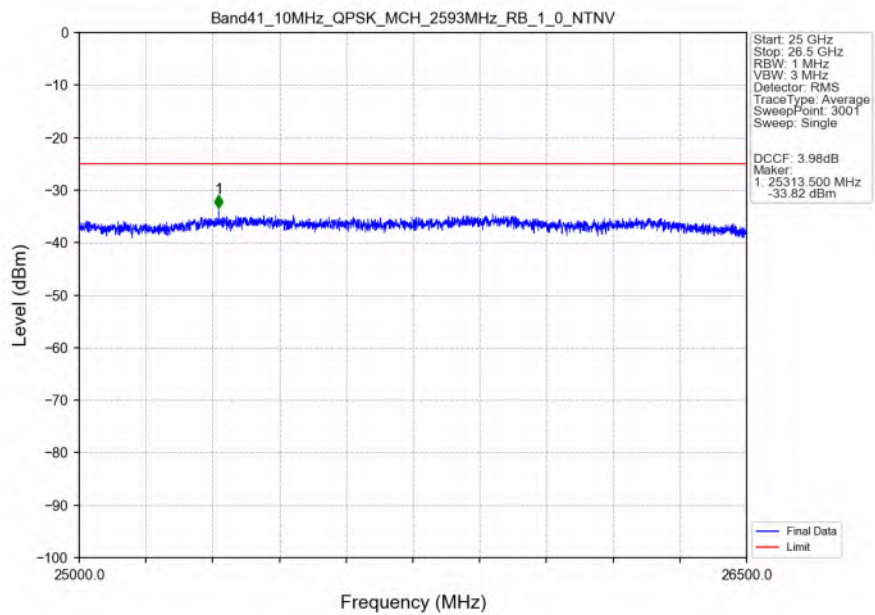
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



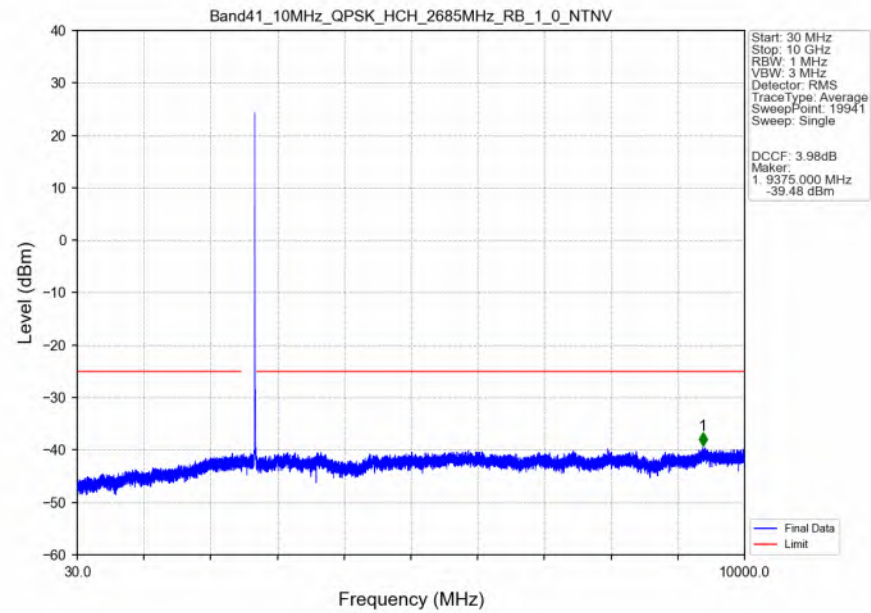
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



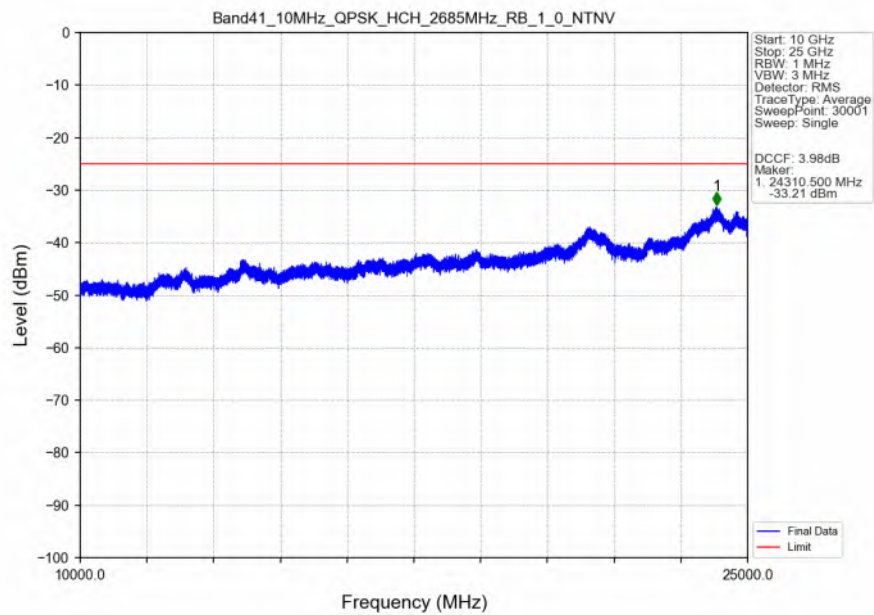
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



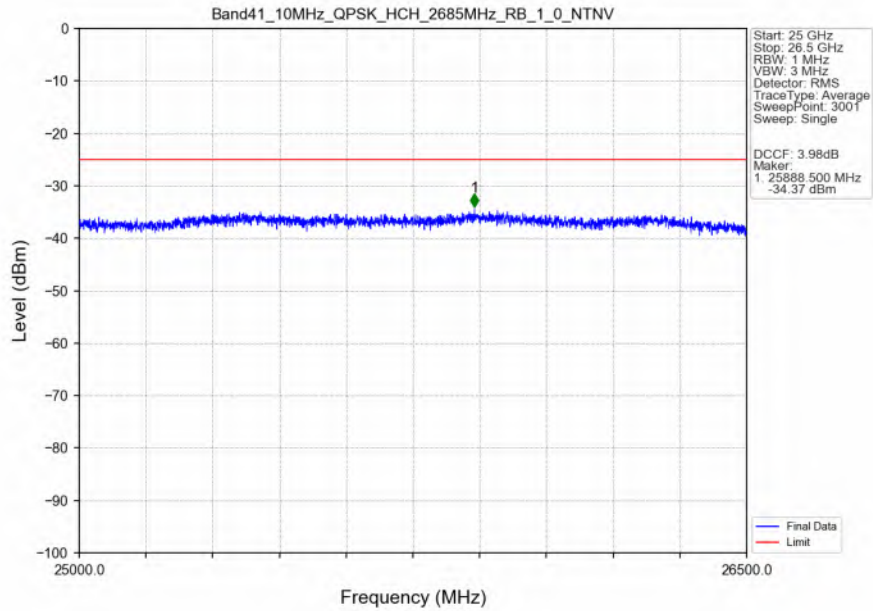
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



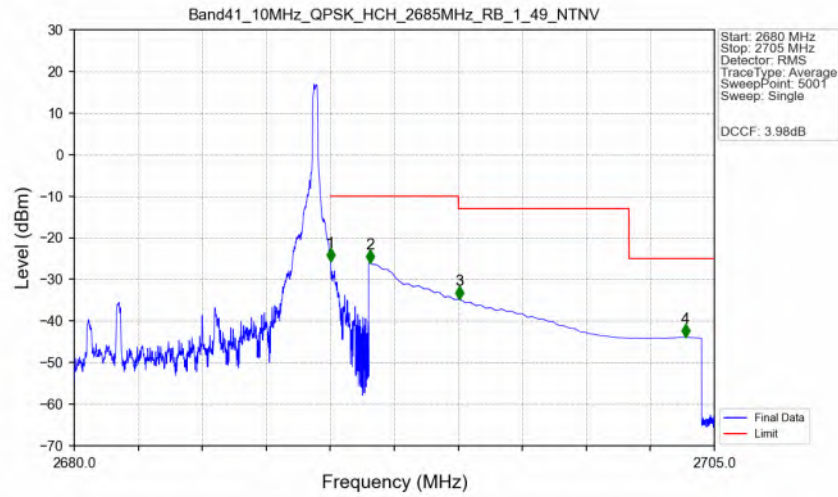
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTNV

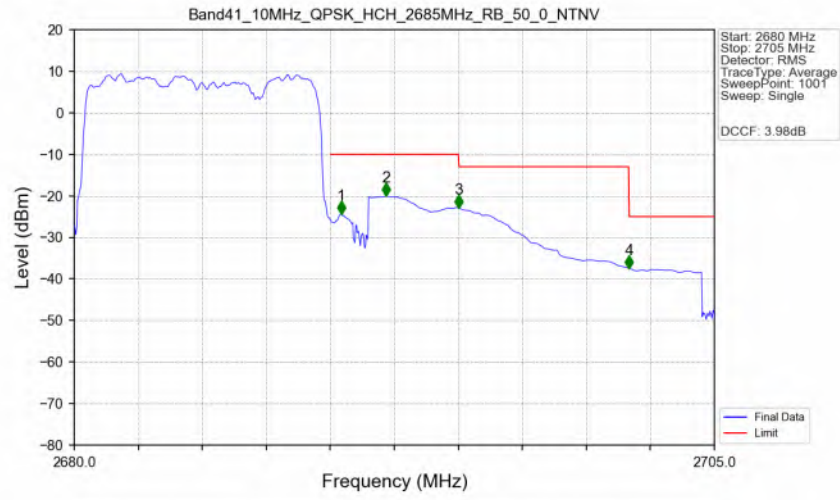


Band41 10MHz QPSK HCH 2685MHz RB 1 49 NTNV



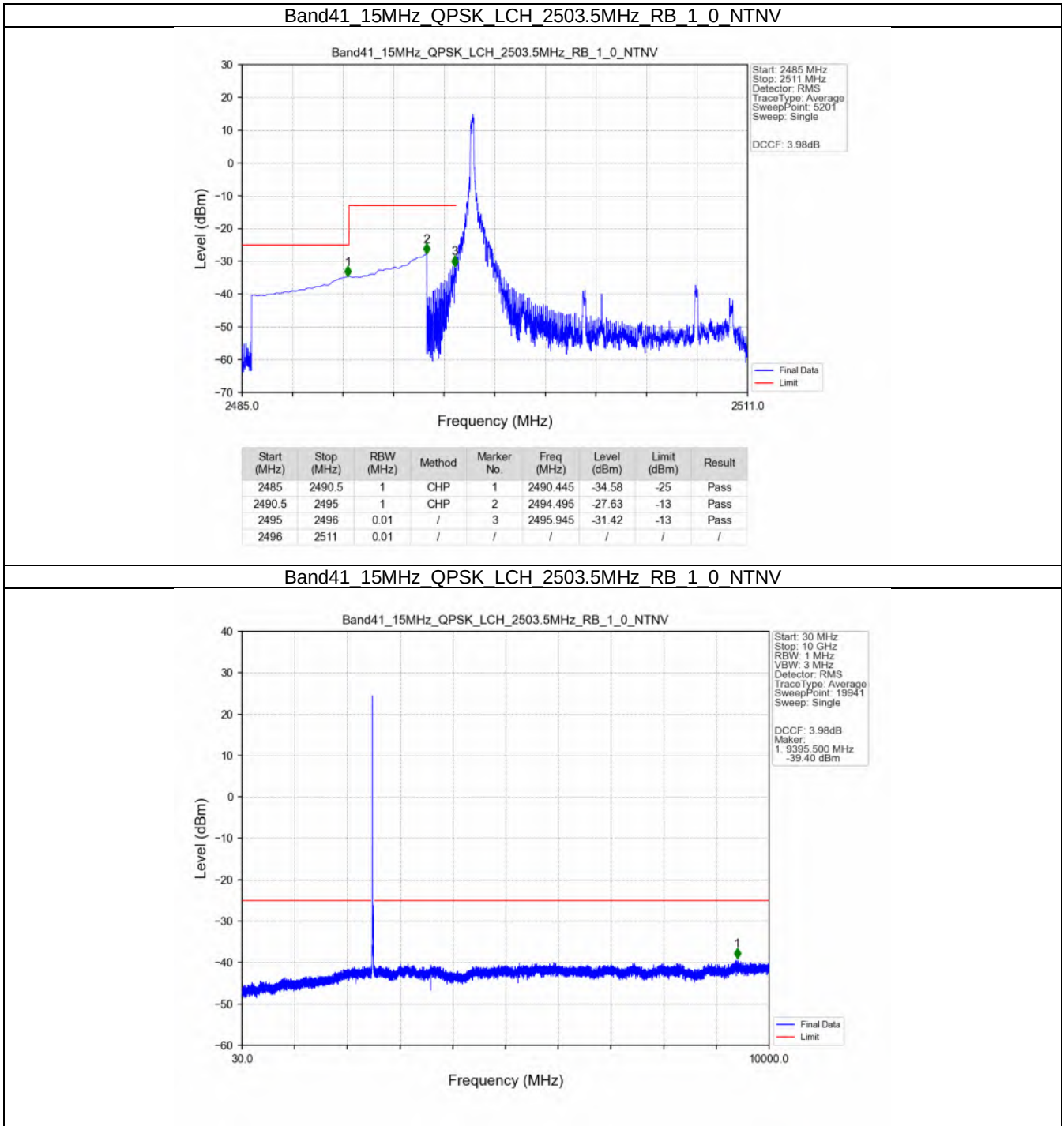
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-25.70	-10	Pass
2691	2695	1	CHP	2	2691.555	-25.99	-10	Pass
2695	2701.667	1	CHP	3	2695.035	-34.71	-13	Pass
2701.667	2705	1	CHP	4	2703.875	-43.89	-25	Pass

Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV

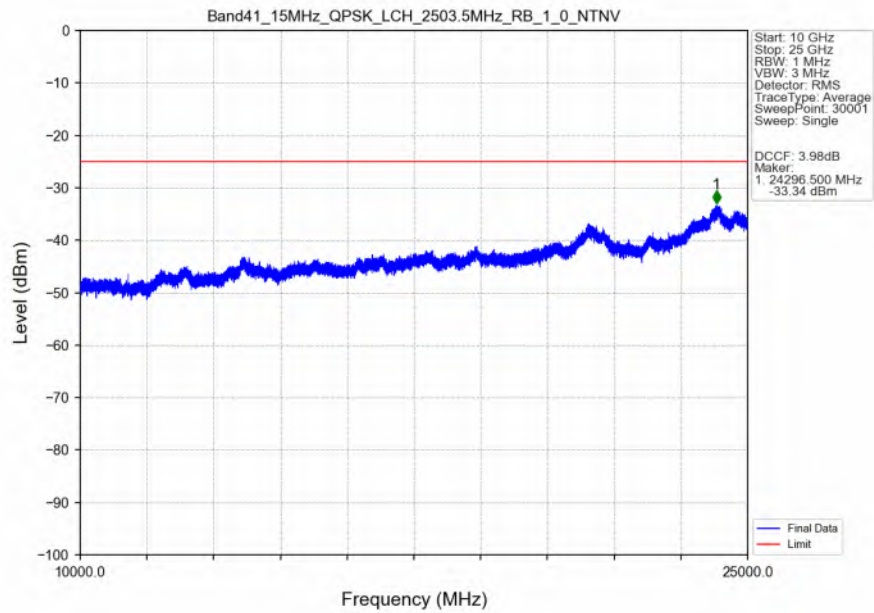


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.233	CHP	/	/	/	/	/
2690	2691	0.233	CHP	1	2690.425	-24.39	-10	Pass
2691	2695	1	CHP	2	2692.175	-20.06	-10	Pass
2695	2701.667	1	CHP	3	2695.025	-22.94	-13	Pass
2701.667	2705	1	CHP	4	2701.675	-37.43	-25	Pass

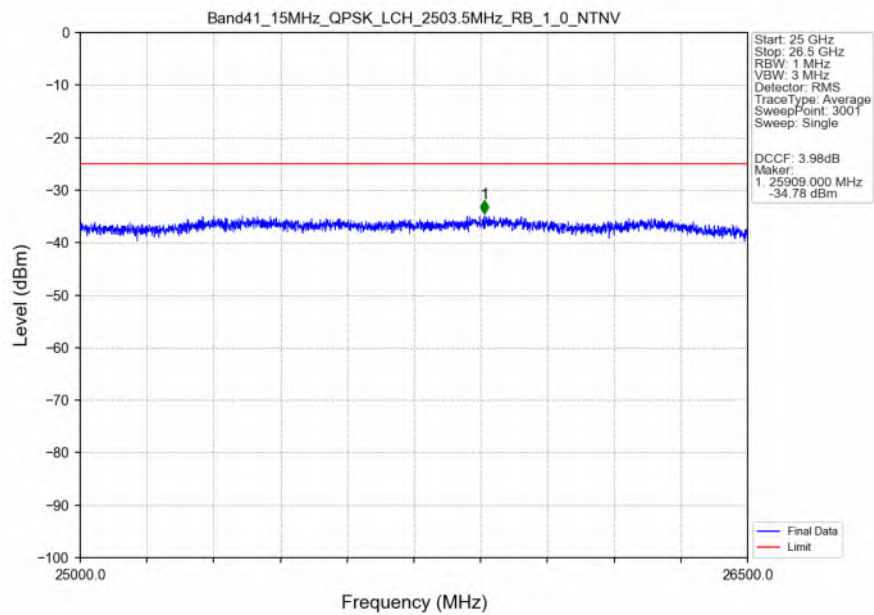
5.2.3 B41_15MHz



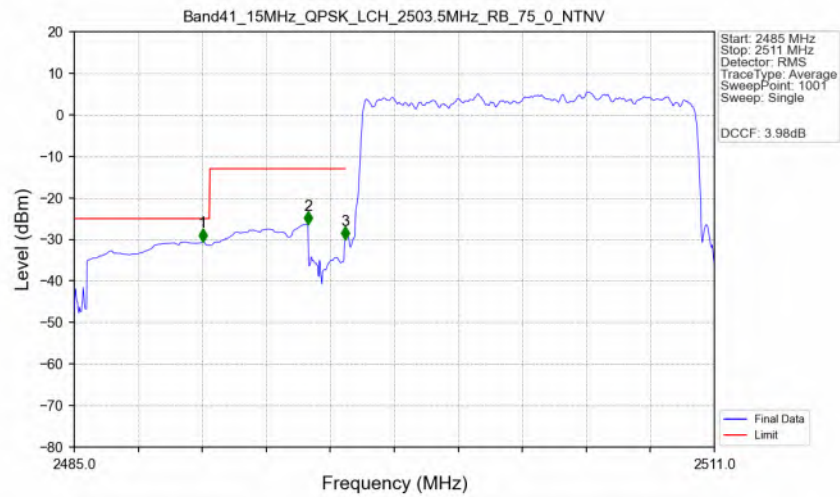
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

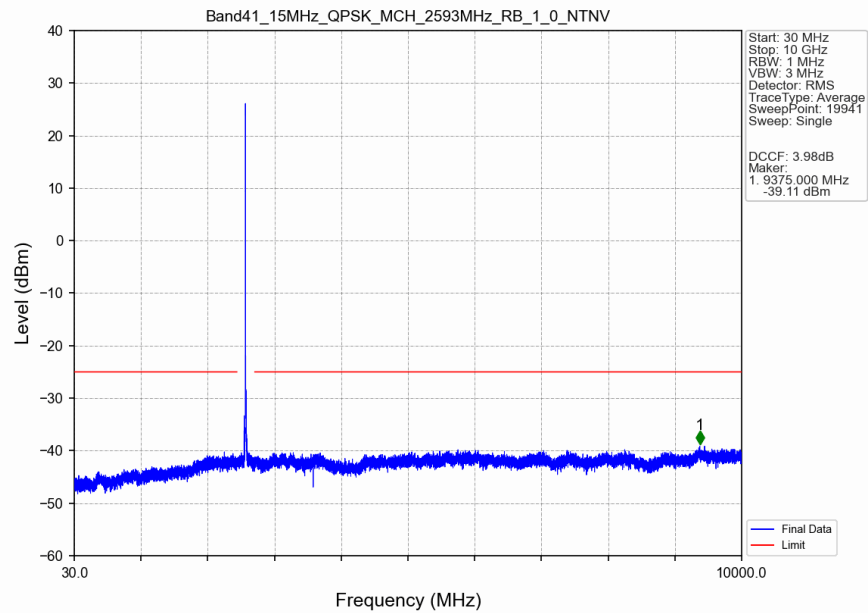


Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV

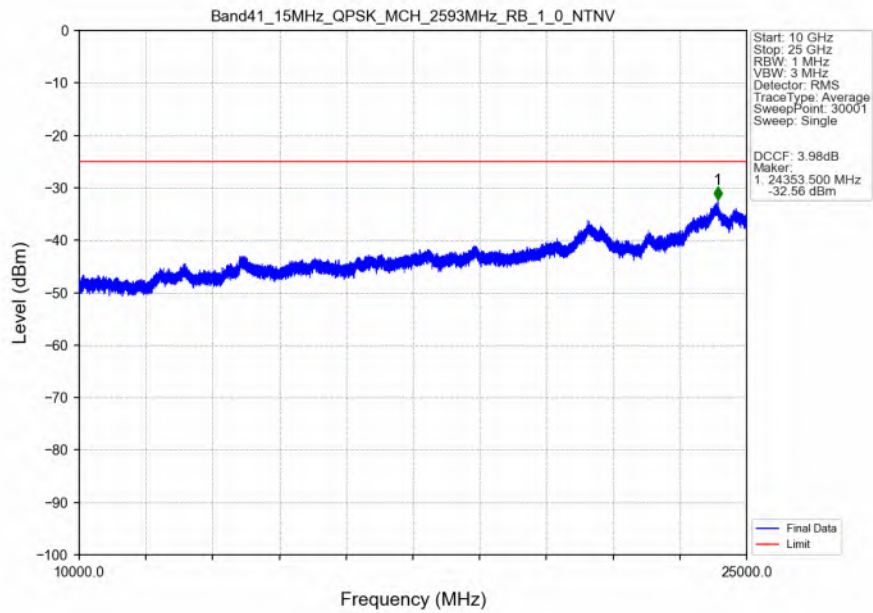


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.226	-30.49	-25	Pass
2490.5	2495	1	CHP	2	2494.490	-26.33	-13	Pass
2495	2496	0.158	CHP	3	2495.998	-30.08	-13	Pass
2496	2511	0.158	CHP	/	/	/	/	/

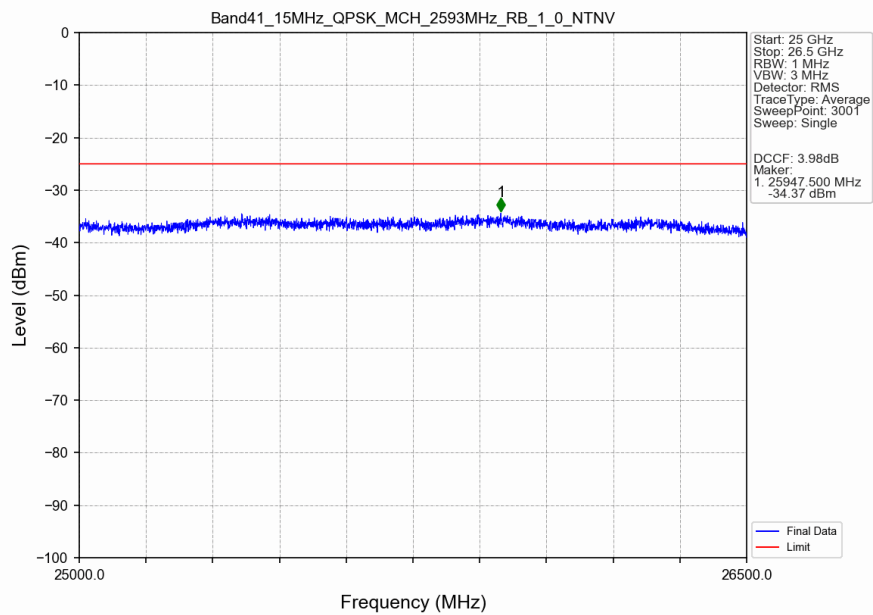
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



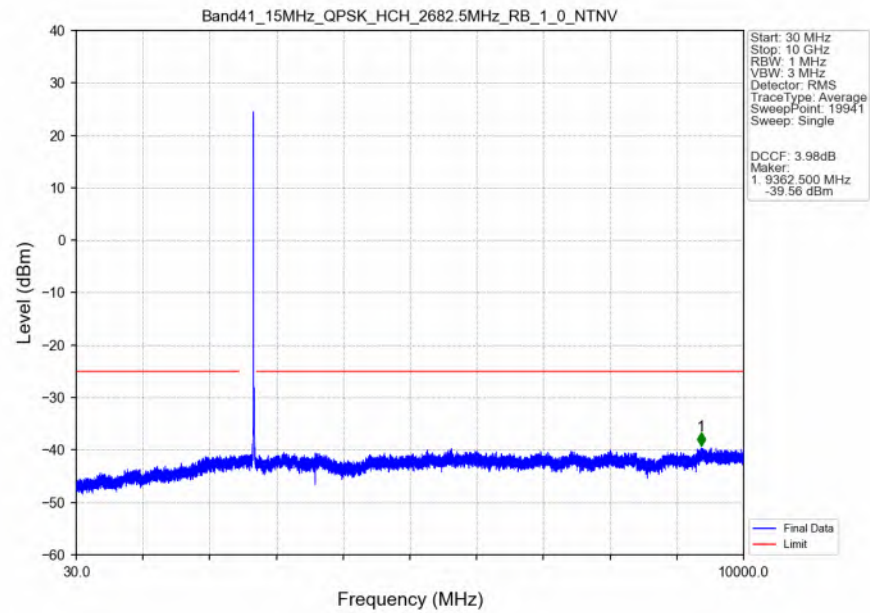
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



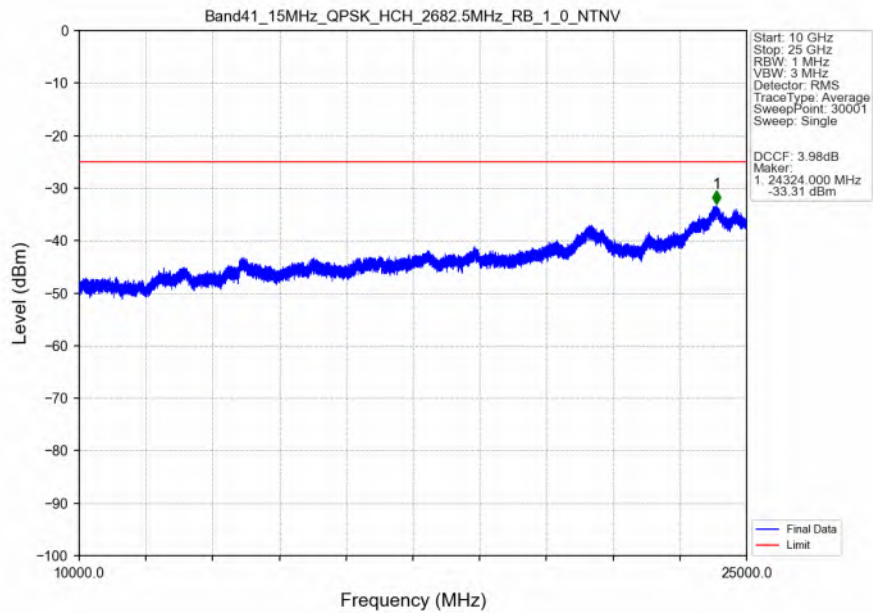
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



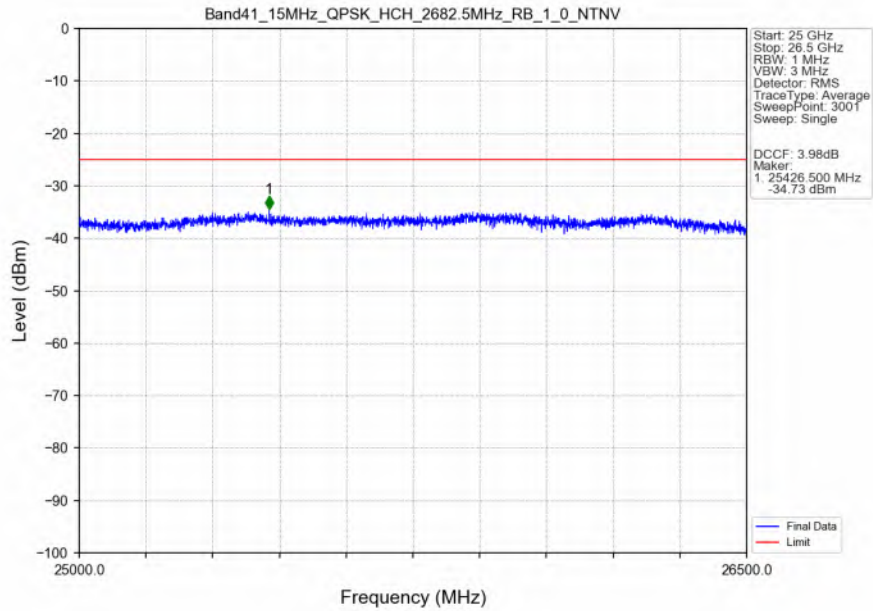
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



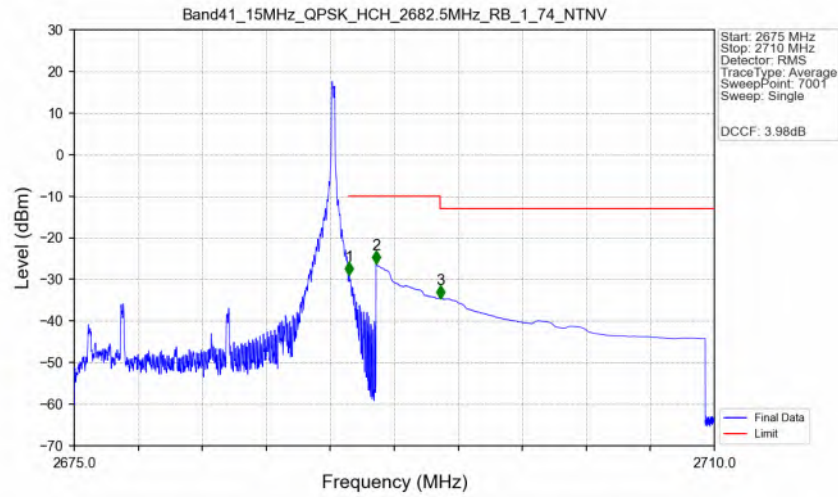
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTNV

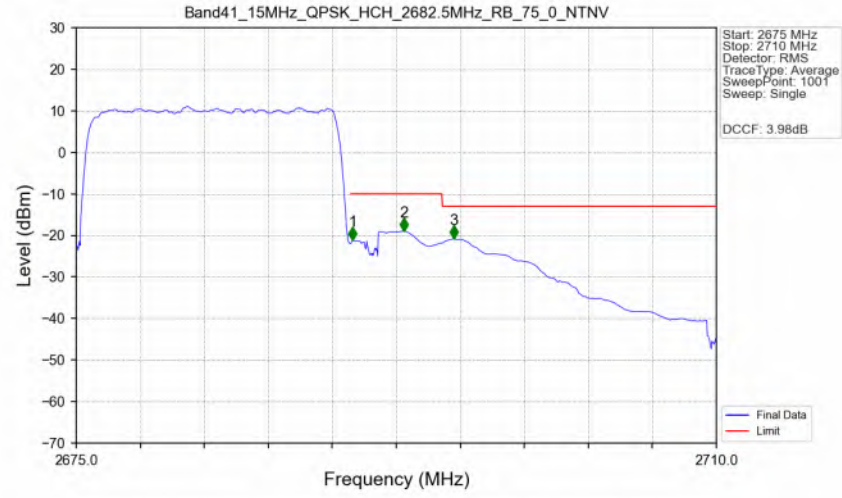


Band41 15MHz QPSK HCH 2682.5MHz RB 1 74 NTNV



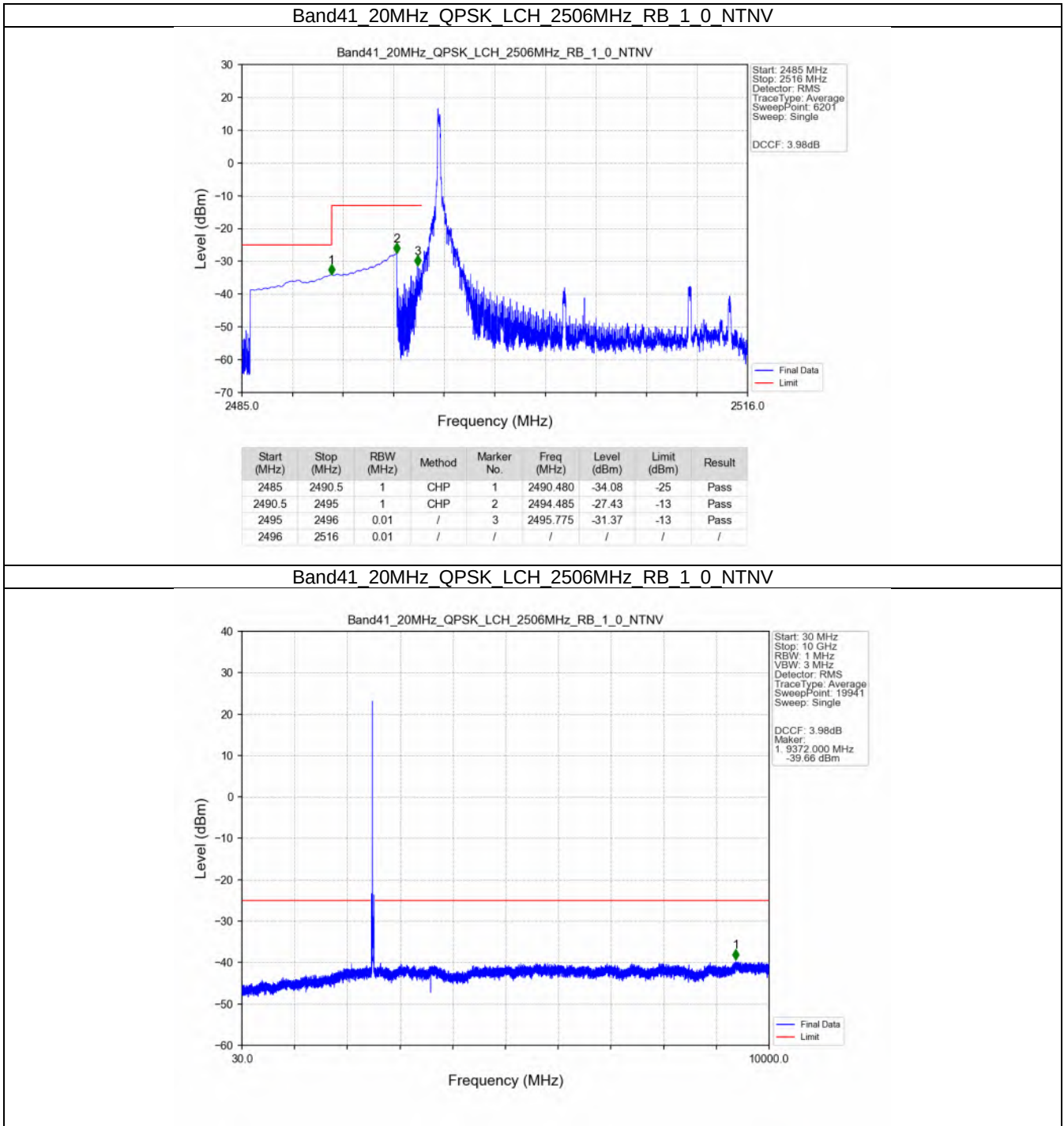
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.030	-28.89	-10	Pass
2691	2695	1	CHP	2	2691.500	-26.19	-10	Pass
2695	2710	1	CHP	3	2695.025	-34.56	-13	Pass

Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTV

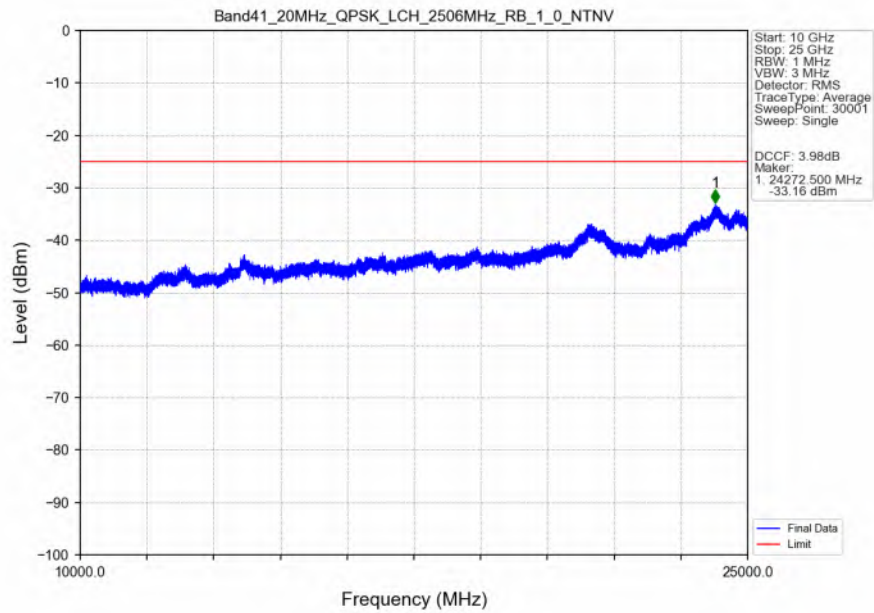


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.448	CHP	/	/	/	/	/
2690	2691	0.448	CHP	1	2690.120	-21.18	-10	Pass
2691	2695	1	CHP	2	2692.920	-18.98	-10	Pass
2695	2710	1	CHP	3	2695.650	-20.82	-13	Pass

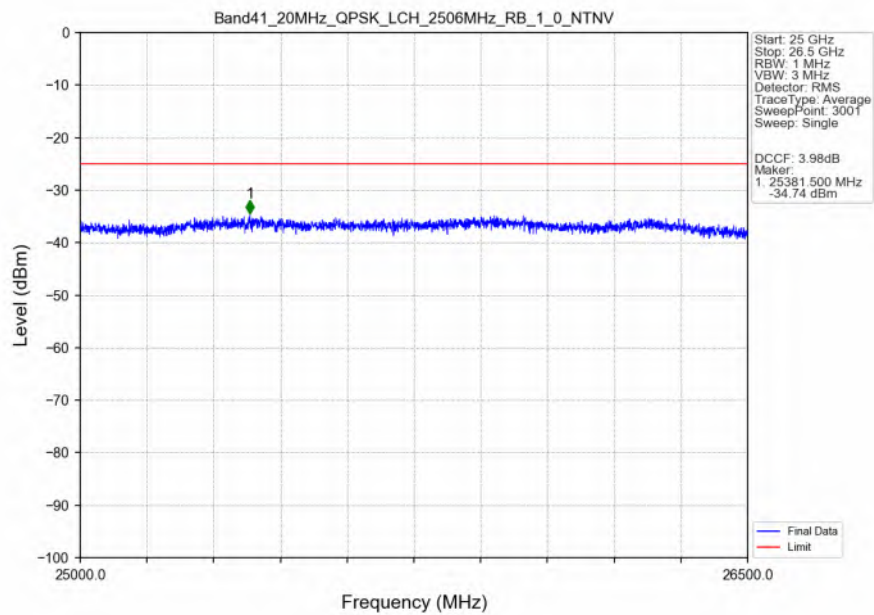
5.2.4 B41_20MHz



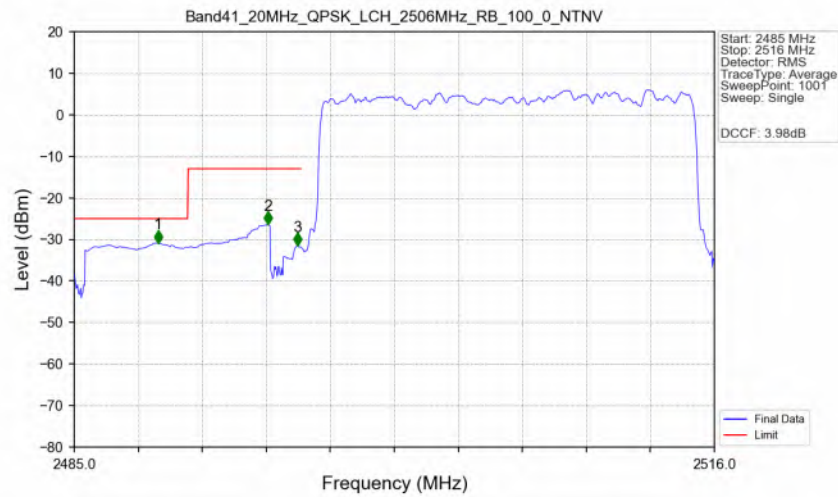
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

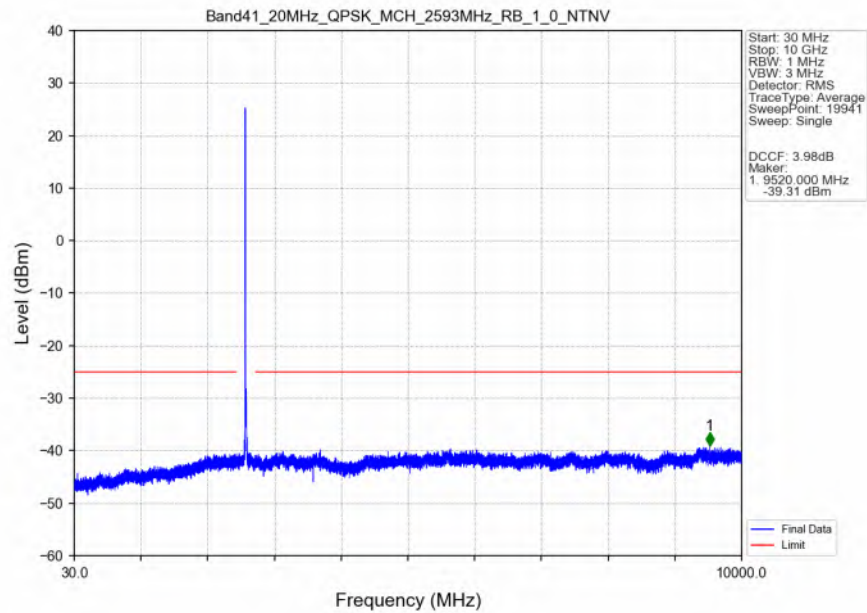


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

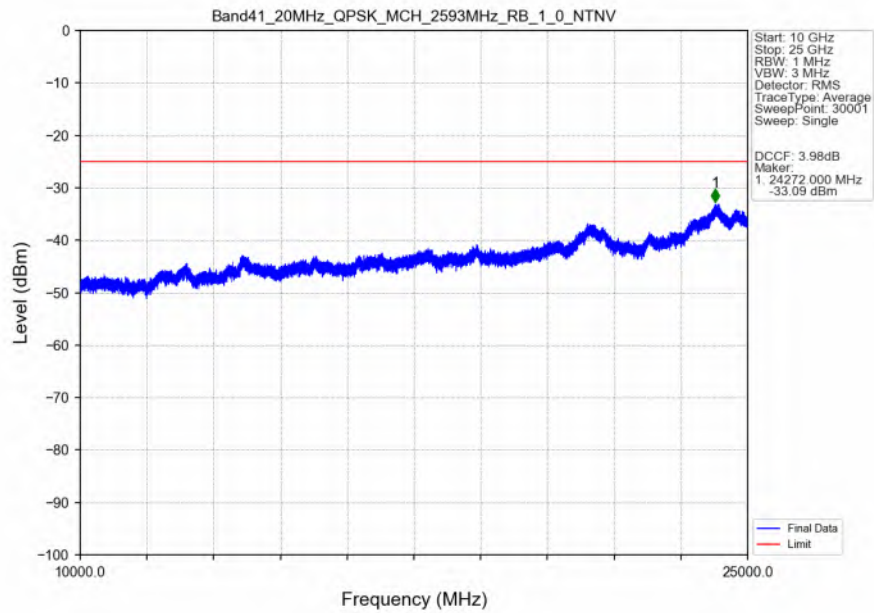


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.061	-30.86	-25	Pass
2490.5	2495	1	CHP	2	2494.393	-26.41	-13	Pass
2495	2496	0.233	CHP	3	2495.819	-31.44	-13	Pass
2496	2516	0.233	CHP	/	/	/	/	/

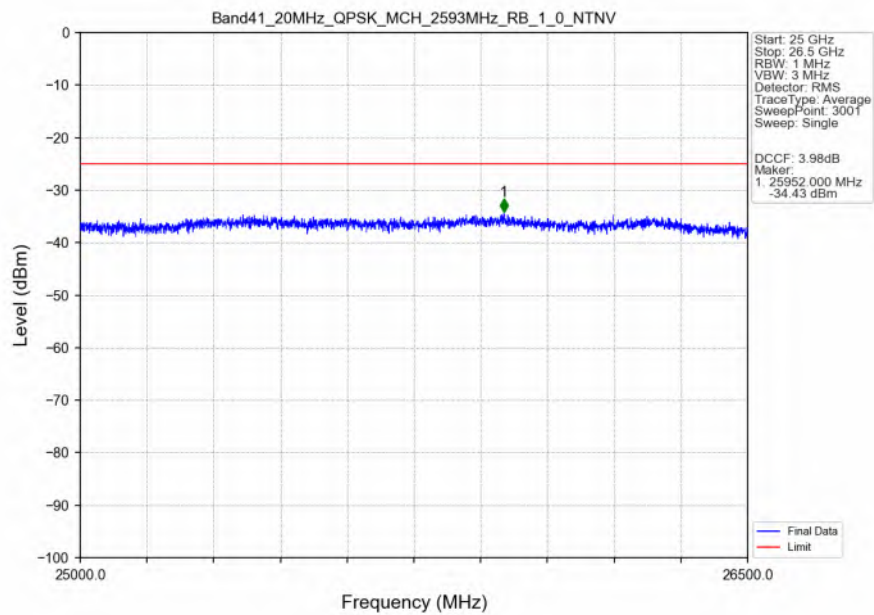
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



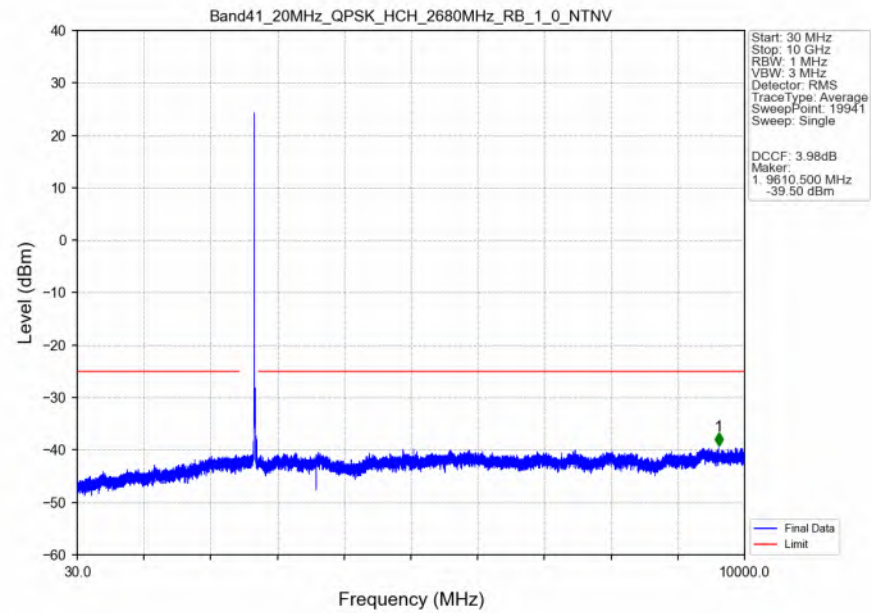
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



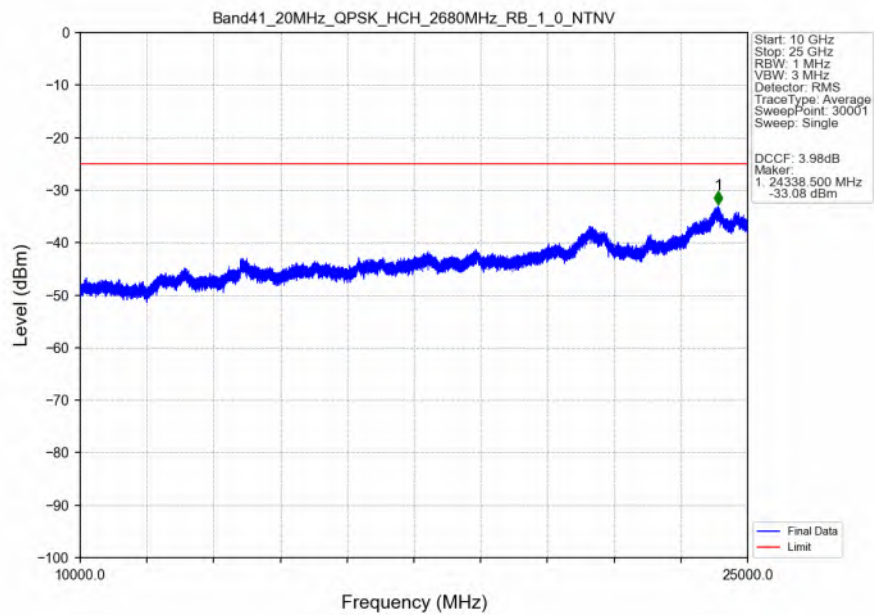
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



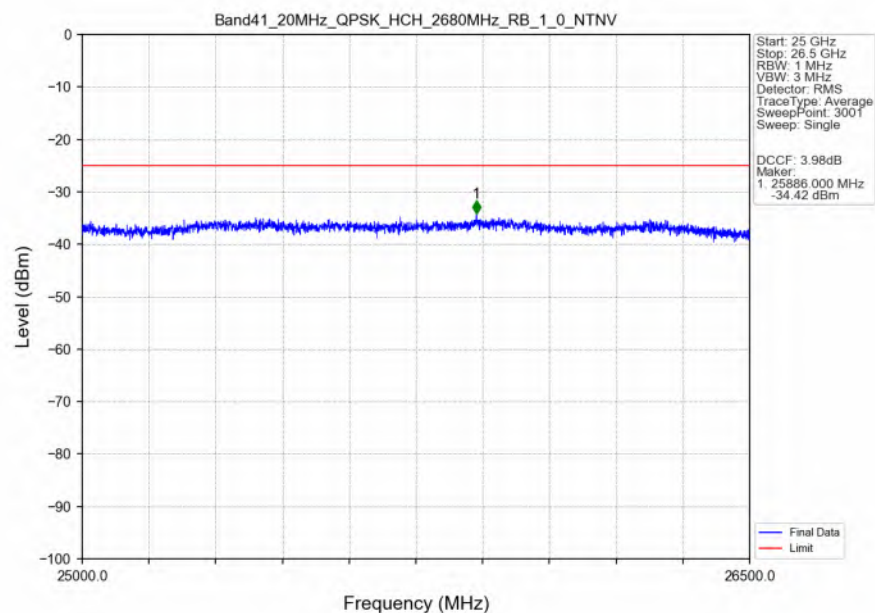
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



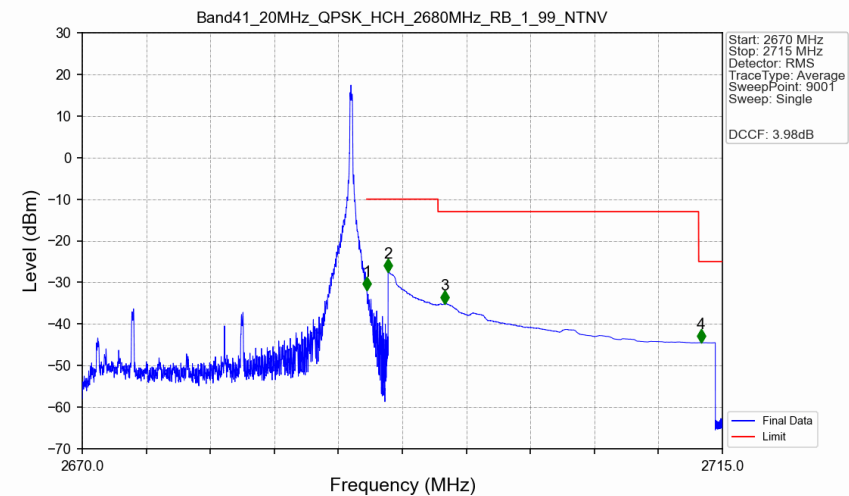
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV

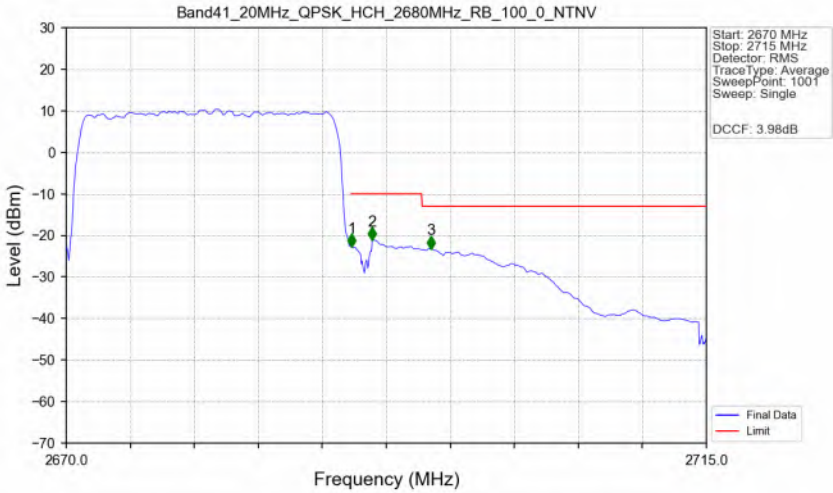


Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



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	2690.005	-31.79	-10	Pass
2691	2695	1	CHP	2	2691.500	-27.45	-10	Pass
2695	2713.328	1	CHP	3	2695.500	-35.11	-13	Pass
2713.328	2715	1	CHP	4	2713.500	-44.49	-25	Pass

Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.563	CHP	/	/	/	/	/
2690	2691	0.563	CHP	1	2690.070	-22.77	-10	Pass
2691	2695	1	CHP	2	2691.510	-21.05	-10	Pass
2695	2715	1	CHP	3	2695.650	-23.22	-13	Pass