

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B38_5MHz_EIRP

Band: 38 / Bandwidth: 5MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2572.5	1	0	25.03	-0.70	24.33	<=33.01	Pass
			13	25.05	-0.70	24.35	<=33.01	Pass
			24	25.13	-0.70	24.43	<=33.01	Pass
		12	0	24.29	-0.70	23.59	<=33.01	Pass
			6	24.26	-0.70	23.56	<=33.01	Pass
			13	24.30	-0.70	23.60	<=33.01	Pass
		25	0	24.28	-0.70	23.58	<=33.01	Pass
	2595	1	0	24.89	-0.70	24.19	<=33.01	Pass
			13	24.99	-0.70	24.29	<=33.01	Pass
			24	25.07	-0.70	24.37	<=33.01	Pass
		12	0	24.16	-0.70	23.46	<=33.01	Pass
			6	24.10	-0.70	23.40	<=33.01	Pass
			13	24.12	-0.70	23.42	<=33.01	Pass
		25	0	24.17	-0.70	23.47	<=33.01	Pass
	2617.5	1	0	25.11	-0.70	24.41	<=33.01	Pass
			13	25.04	-0.70	24.34	<=33.01	Pass
			24	24.87	-0.70	24.17	<=33.01	Pass
		12	0	24.13	-0.70	23.43	<=33.01	Pass
			6	24.14	-0.70	23.44	<=33.01	Pass
			13	24.08	-0.70	23.38	<=33.01	Pass
		25	0	24.17	-0.70	23.47	<=33.01	Pass
16QAM	2572.5	1	0	24.15	-0.70	23.45	<=33.01	Pass
			13	24.34	-0.70	23.64	<=33.01	Pass
			24	24.39	-0.70	23.69	<=33.01	Pass
		12	0	23.37	-0.70	22.67	<=33.01	Pass
			6	23.36	-0.70	22.66	<=33.01	Pass
			13	23.39	-0.70	22.69	<=33.01	Pass
		25	0	23.43	-0.70	22.73	<=33.01	Pass
	2595	1	0	23.97	-0.70	23.27	<=33.01	Pass
			13	23.82	-0.70	23.12	<=33.01	Pass
			24	24.00	-0.70	23.30	<=33.01	Pass
		12	0	23.27	-0.70	22.57	<=33.01	Pass
			6	23.24	-0.70	22.54	<=33.01	Pass
			13	23.29	-0.70	22.59	<=33.01	Pass
		25	0	23.27	-0.70	22.57	<=33.01	Pass
	2617.5	1	0	24.06	-0.70	23.36	<=33.01	Pass
			13	24.04	-0.70	23.34	<=33.01	Pass
			24	24.22	-0.70	23.52	<=33.01	Pass
		12	0	23.22	-0.70	22.52	<=33.01	Pass
			6	23.20	-0.70	22.50	<=33.01	Pass
			13	23.22	-0.70	22.52	<=33.01	Pass
		25	0	23.22	-0.70	22.52	<=33.01	Pass
64QAM	2572.5	1	0	23.51	-0.70	22.81	<=33.01	Pass
			13	23.69	-0.70	22.99	<=33.01	Pass
			24	23.00	-0.70	22.30	<=33.01	Pass
		12	0	22.44	-0.70	21.74	<=33.01	Pass
			6	22.43	-0.70	21.73	<=33.01	Pass
			13	22.28	-0.70	21.58	<=33.01	Pass
		25	0	22.29	-0.70	21.59	<=33.01	Pass
	2595	1	0	22.84	-0.70	22.14	<=33.01	Pass
			13	23.18	-0.70	22.48	<=33.01	Pass
			24	23.06	-0.70	22.36	<=33.01	Pass
		12	0	22.22	-0.70	21.52	<=33.01	Pass
			6	22.13	-0.70	21.43	<=33.01	Pass

			13	22.26	-0.70	21.56	<=33.01	Pass
		25	0	22.22	-0.70	21.52	<=33.01	Pass
	2617.5	1	0	23.21	-0.70	22.51	<=33.01	Pass
			13	22.86	-0.70	22.16	<=33.01	Pass
			24	23.17	-0.70	22.47	<=33.01	Pass
		12	0	22.21	-0.70	21.51	<=33.01	Pass
			6	22.19	-0.70	21.49	<=33.01	Pass
			13	22.20	-0.70	21.50	<=33.01	Pass
		25	0	22.20	-0.70	21.50	<=33.01	Pass
	256QAM	2572.5	1	0	20.58	-0.70	19.88	<=33.01
13				20.18	-0.70	19.48	<=33.01	Pass
24				20.57	-0.70	19.87	<=33.01	Pass
12			0	20.41	-0.70	19.71	<=33.01	Pass
			6	20.42	-0.70	19.72	<=33.01	Pass
			13	20.45	-0.70	19.75	<=33.01	Pass
25			0	20.40	-0.70	19.70	<=33.01	Pass
2595		1	0	20.18	-0.70	19.48	<=33.01	Pass
			13	20.17	-0.70	19.47	<=33.01	Pass
			24	20.17	-0.70	19.47	<=33.01	Pass
		12	0	20.13	-0.70	19.43	<=33.01	Pass
			6	20.18	-0.70	19.48	<=33.01	Pass
			13	20.22	-0.70	19.52	<=33.01	Pass
		25	0	20.19	-0.70	19.49	<=33.01	Pass
2617.5		1	0	20.07	-0.70	19.37	<=33.01	Pass
			13	20.05	-0.70	19.35	<=33.01	Pass
			24	20.00	-0.70	19.30	<=33.01	Pass
		12	0	20.21	-0.70	19.51	<=33.01	Pass
			6	20.19	-0.70	19.49	<=33.01	Pass
			13	20.11	-0.70	19.41	<=33.01	Pass
		25	0	20.20	-0.70	19.50	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B38_10MHz_EIRP

Band: 38 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2575	1	0	25.28	-0.70	24.58	<=33.01	Pass
			25	25.36	-0.70	24.66	<=33.01	Pass
			49	25.39	-0.70	24.69	<=33.01	Pass
		25	0	24.31	-0.70	23.61	<=33.01	Pass
			13	24.32	-0.70	23.62	<=33.01	Pass
			25	24.35	-0.70	23.65	<=33.01	Pass
		50	0	24.33	-0.70	23.63	<=33.01	Pass
	2595	1	0	24.97	-0.70	24.27	<=33.01	Pass
			25	24.83	-0.70	24.13	<=33.01	Pass
			49	24.95	-0.70	24.25	<=33.01	Pass
		25	0	24.15	-0.70	23.45	<=33.01	Pass
			13	24.15	-0.70	23.45	<=33.01	Pass
			25	24.16	-0.70	23.46	<=33.01	Pass
		50	0	24.15	-0.70	23.45	<=33.01	Pass
	2615	1	0	25.08	-0.70	24.38	<=33.01	Pass
			25	24.93	-0.70	24.23	<=33.01	Pass
			49	24.83	-0.70	24.13	<=33.01	Pass
		25	0	24.22	-0.70	23.52	<=33.01	Pass
			13	24.15	-0.70	23.45	<=33.01	Pass
			25	24.11	-0.70	23.41	<=33.01	Pass
		50	0	24.12	-0.70	23.42	<=33.01	Pass
16QAM	2575	1	0	24.42	-0.70	23.72	<=33.01	Pass
			25	24.11	-0.70	23.41	<=33.01	Pass
			49	24.12	-0.70	23.42	<=33.01	Pass
		25	0	23.34	-0.70	22.64	<=33.01	Pass

		50	13	23.43	-0.70	22.73	<=33.01	Pass
			25	23.52	-0.70	22.82	<=33.01	Pass
			0	23.41	-0.70	22.71	<=33.01	Pass
	2595	1	0	24.02	-0.70	23.32	<=33.01	Pass
			25	24.11	-0.70	23.41	<=33.01	Pass
			49	24.13	-0.70	23.43	<=33.01	Pass
		25	0	23.24	-0.70	22.54	<=33.01	Pass
			13	23.23	-0.70	22.53	<=33.01	Pass
			25	23.29	-0.70	22.59	<=33.01	Pass
		50	0	23.22	-0.70	22.52	<=33.01	Pass
	2615	1	0	24.37	-0.70	23.67	<=33.01	Pass
			25	23.76	-0.70	23.06	<=33.01	Pass
			49	23.91	-0.70	23.21	<=33.01	Pass
		25	0	23.17	-0.70	22.47	<=33.01	Pass
			13	23.19	-0.70	22.49	<=33.01	Pass
			25	23.16	-0.70	22.46	<=33.01	Pass
		50	0	23.14	-0.70	22.44	<=33.01	Pass
64QAM	2575	1	0	23.32	-0.70	22.62	<=33.01	Pass
			25	23.04	-0.70	22.34	<=33.01	Pass
			49	23.42	-0.70	22.72	<=33.01	Pass
		25	0	22.30	-0.70	21.60	<=33.01	Pass
			13	22.33	-0.70	21.63	<=33.01	Pass
			25	22.38	-0.70	21.68	<=33.01	Pass
		50	0	22.38	-0.70	21.68	<=33.01	Pass
	2595	1	0	23.37	-0.70	22.67	<=33.01	Pass
			25	23.31	-0.70	22.61	<=33.01	Pass
			49	23.77	-0.70	23.07	<=33.01	Pass
		25	0	22.18	-0.70	21.48	<=33.01	Pass
			13	22.15	-0.70	21.45	<=33.01	Pass
			25	22.25	-0.70	21.55	<=33.01	Pass
		50	0	22.18	-0.70	21.48	<=33.01	Pass
	2615	1	0	22.85	-0.70	22.15	<=33.01	Pass
			25	23.04	-0.70	22.34	<=33.01	Pass
			49	22.91	-0.70	22.21	<=33.01	Pass
		25	0	22.18	-0.70	21.48	<=33.01	Pass
			13	22.18	-0.70	21.48	<=33.01	Pass
			25	22.17	-0.70	21.47	<=33.01	Pass
		50	0	22.10	-0.70	21.40	<=33.01	Pass
256QAM	2575	1	0	20.27	-0.70	19.57	<=33.01	Pass
			25	20.26	-0.70	19.56	<=33.01	Pass
			49	20.39	-0.70	19.69	<=33.01	Pass
		25	0	20.34	-0.70	19.64	<=33.01	Pass
			13	20.38	-0.70	19.68	<=33.01	Pass
			25	20.42	-0.70	19.72	<=33.01	Pass
		50	0	20.40	-0.70	19.70	<=33.01	Pass
	2595	1	0	20.46	-0.70	19.76	<=33.01	Pass
			25	20.22	-0.70	19.52	<=33.01	Pass
			49	20.18	-0.70	19.48	<=33.01	Pass
		25	0	20.19	-0.70	19.49	<=33.01	Pass
			13	20.20	-0.70	19.50	<=33.01	Pass
			25	20.22	-0.70	19.52	<=33.01	Pass
	50	0	20.21	-0.70	19.51	<=33.01	Pass	
	2615	1	0	20.13	-0.70	19.43	<=33.01	Pass
			25	20.20	-0.70	19.50	<=33.01	Pass
			49	19.74	-0.70	19.04	<=33.01	Pass
25		0	20.19	-0.70	19.49	<=33.01	Pass	
		13	20.08	-0.70	19.38	<=33.01	Pass	
		25	20.08	-0.70	19.38	<=33.01	Pass	
50		0	20.14	-0.70	19.44	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B38_15MHz_EIRP

Band: 38 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2577.5	1	0	25.26	-0.70	24.56	<=33.01	Pass
			38	25.39	-0.70	24.69	<=33.01	Pass
			74	25.34	-0.70	24.64	<=33.01	Pass
		36	0	24.33	-0.70	23.63	<=33.01	Pass
			18	24.36	-0.70	23.66	<=33.01	Pass
			39	24.39	-0.70	23.69	<=33.01	Pass
		75	0	24.35	-0.70	23.65	<=33.01	Pass
		2595	1	0	24.97	24.27	<=33.01	Pass
				38	25.03	24.33	<=33.01	Pass
				74	25.25	24.55	<=33.01	Pass
			36	0	24.13	23.43	<=33.01	Pass
				18	24.13	23.43	<=33.01	Pass
				39	24.17	23.47	<=33.01	Pass
		75	0	24.18	-0.70	23.48	<=33.01	Pass
	2612.5	1	0	25.10	-0.70	24.40	<=33.01	Pass
			38	25.08	-0.70	24.38	<=33.01	Pass
			74	24.88	-0.70	24.18	<=33.01	Pass
		36	0	24.27	-0.70	23.57	<=33.01	Pass
			18	24.19	-0.70	23.49	<=33.01	Pass
			39	24.08	-0.70	23.38	<=33.01	Pass
		75	0	24.19	-0.70	23.49	<=33.01	Pass
16QAM	2577.5	1	0	24.57	-0.70	23.87	<=33.01	Pass
			38	24.42	-0.70	23.72	<=33.01	Pass
			74	24.31	-0.70	23.61	<=33.01	Pass
		36	0	23.44	-0.70	22.74	<=33.01	Pass
			18	23.42	-0.70	22.72	<=33.01	Pass
			39	23.43	-0.70	22.73	<=33.01	Pass
		75	0	23.44	-0.70	22.74	<=33.01	Pass
	2595	1	0	24.05	-0.70	23.35	<=33.01	Pass
			38	23.96	-0.70	23.26	<=33.01	Pass
			74	24.15	-0.70	23.45	<=33.01	Pass
		36	0	23.23	-0.70	22.53	<=33.01	Pass
			18	23.20	-0.70	22.50	<=33.01	Pass
			39	23.28	-0.70	22.58	<=33.01	Pass
		75	0	23.27	-0.70	22.57	<=33.01	Pass
	2612.5	1	0	24.13	-0.70	23.43	<=33.01	Pass
			38	24.43	-0.70	23.73	<=33.01	Pass
			74	23.70	-0.70	23.00	<=33.01	Pass
		36	0	23.35	-0.70	22.65	<=33.01	Pass
			18	23.25	-0.70	22.55	<=33.01	Pass
			39	23.14	-0.70	22.44	<=33.01	Pass
		75	0	23.23	-0.70	22.53	<=33.01	Pass
64QAM	2577.5	1	0	23.59	-0.70	22.89	<=33.01	Pass
			38	23.85	-0.70	23.15	<=33.01	Pass
			74	23.34	-0.70	22.64	<=33.01	Pass
		36	0	22.39	-0.70	21.69	<=33.01	Pass
			18	22.50	-0.70	21.80	<=33.01	Pass
			39	22.42	-0.70	21.72	<=33.01	Pass
		75	0	22.43	-0.70	21.73	<=33.01	Pass
	2595	1	0	23.60	-0.70	22.90	<=33.01	Pass
			38	22.98	-0.70	22.28	<=33.01	Pass
			74	23.48	-0.70	22.78	<=33.01	Pass
		36	0	22.28	-0.70	21.58	<=33.01	Pass
			18	22.29	-0.70	21.59	<=33.01	Pass
			39	22.33	-0.70	21.63	<=33.01	Pass
		75	0	22.26	-0.70	21.56	<=33.01	Pass
	2612.5	1	0	23.39	-0.70	22.69	<=33.01	Pass
			38	23.30	-0.70	22.60	<=33.01	Pass
			74	23.13	-0.70	22.43	<=33.01	Pass
		36	0	22.39	-0.70	21.69	<=33.01	Pass
			18	22.21	-0.70	21.51	<=33.01	Pass
			74	22.21	-0.70	21.51	<=33.01	Pass

			39	22.18	-0.70	21.48	<=33.01	Pass		
		75	0	22.23	-0.70	21.53	<=33.01	Pass		
256QAM	2577.5	1	0	20.50	-0.70	19.80	<=33.01	Pass		
			38	20.51	-0.70	19.81	<=33.01	Pass		
			74	20.40	-0.70	19.70	<=33.01	Pass		
		36	0	20.44	-0.70	19.74	<=33.01	Pass		
			18	20.43	-0.70	19.73	<=33.01	Pass		
			39	20.47	-0.70	19.77	<=33.01	Pass		
		75	0	20.41	-0.70	19.71	<=33.01	Pass		
		2595	1	0	20.38	-0.70	19.68	<=33.01	Pass	
				38	20.42	-0.70	19.72	<=33.01	Pass	
	74			20.24	-0.70	19.54	<=33.01	Pass		
	36		0	20.20	-0.70	19.50	<=33.01	Pass		
			18	20.25	-0.70	19.55	<=33.01	Pass		
			39	20.24	-0.70	19.54	<=33.01	Pass		
	75		0	20.21	-0.70	19.51	<=33.01	Pass		
	2612.5		1	0	20.36	-0.70	19.66	<=33.01	Pass	
				38	20.04	-0.70	19.34	<=33.01	Pass	
		74		20.12	-0.70	19.42	<=33.01	Pass		
		36	0	20.31	-0.70	19.61	<=33.01	Pass		
			18	20.25	-0.70	19.55	<=33.01	Pass		
			39	20.08	-0.70	19.38	<=33.01	Pass		
		75	0	20.25	-0.70	19.55	<=33.01	Pass		
		Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B38_20MHz_EIRP

Band: 38 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2580	1	0	25.02	-0.70	24.32	<=33.01	Pass
			50	25.26	-0.70	24.56	<=33.01	Pass
			99	25.04	-0.70	24.34	<=33.01	Pass
		50	0	24.37	-0.70	23.67	<=33.01	Pass
			25	24.40	-0.70	23.70	<=33.01	Pass
			50	24.32	-0.70	23.62	<=33.01	Pass
		100	0	24.35	-0.70	23.65	<=33.01	Pass
	2595	1	0	24.92	-0.70	24.22	<=33.01	Pass
			50	24.94	-0.70	24.24	<=33.01	Pass
			99	24.94	-0.70	24.24	<=33.01	Pass
		50	0	24.17	-0.70	23.47	<=33.01	Pass
			25	24.19	-0.70	23.49	<=33.01	Pass
			50	24.24	-0.70	23.54	<=33.01	Pass
		100	0	24.22	-0.70	23.52	<=33.01	Pass
	2610	1	0	25.24	-0.70	24.54	<=33.01	Pass
			50	25.18	-0.70	24.48	<=33.01	Pass
			99	24.93	-0.70	24.23	<=33.01	Pass
		50	0	24.30	-0.70	23.60	<=33.01	Pass
			25	24.22	-0.70	23.52	<=33.01	Pass
			50	24.14	-0.70	23.44	<=33.01	Pass
		100	0	24.25	-0.70	23.55	<=33.01	Pass
16QAM	2580	1	0	24.19	-0.70	23.49	<=33.01	Pass
			50	24.47	-0.70	23.77	<=33.01	Pass
			99	23.84	-0.70	23.14	<=33.01	Pass
		50	0	23.50	-0.70	22.80	<=33.01	Pass
			25	23.44	-0.70	22.74	<=33.01	Pass
			50	23.43	-0.70	22.73	<=33.01	Pass
		100	0	23.43	-0.70	22.73	<=33.01	Pass
	2595	1	0	24.60	-0.70	23.90	<=33.01	Pass
			50	24.36	-0.70	23.66	<=33.01	Pass
			99	24.23	-0.70	23.53	<=33.01	Pass
		50	0	23.30	-0.70	22.60	<=33.01	Pass

		100	25	23.28	-0.70	22.58	<=33.01	Pass
			50	23.32	-0.70	22.62	<=33.01	Pass
			0	23.35	-0.70	22.65	<=33.01	Pass
	2610	1	0	24.21	-0.70	23.51	<=33.01	Pass
			50	24.57	-0.70	23.87	<=33.01	Pass
			99	24.00	-0.70	23.30	<=33.01	Pass
		50	0	23.42	-0.70	22.72	<=33.01	Pass
			25	23.30	-0.70	22.60	<=33.01	Pass
			50	23.25	-0.70	22.55	<=33.01	Pass
		100	0	23.30	-0.70	22.60	<=33.01	Pass
64QAM	2580	1	0	23.45	-0.70	22.75	<=33.01	Pass
			50	23.20	-0.70	22.50	<=33.01	Pass
			99	23.21	-0.70	22.51	<=33.01	Pass
		50	0	22.48	-0.70	21.78	<=33.01	Pass
			25	22.50	-0.70	21.80	<=33.01	Pass
			50	22.42	-0.70	21.72	<=33.01	Pass
		100	0	22.43	-0.70	21.73	<=33.01	Pass
	2595	1	0	23.43	-0.70	22.73	<=33.01	Pass
			50	23.02	-0.70	22.32	<=33.01	Pass
			99	23.50	-0.70	22.80	<=33.01	Pass
		50	0	22.40	-0.70	21.70	<=33.01	Pass
			25	22.34	-0.70	21.64	<=33.01	Pass
			50	22.37	-0.70	21.67	<=33.01	Pass
		100	0	22.38	-0.70	21.68	<=33.01	Pass
	2610	1	0	23.43	-0.70	22.73	<=33.01	Pass
			50	23.23	-0.70	22.53	<=33.01	Pass
			99	23.11	-0.70	22.41	<=33.01	Pass
		50	0	22.43	-0.70	21.73	<=33.01	Pass
			25	22.30	-0.70	21.60	<=33.01	Pass
			50	22.19	-0.70	21.49	<=33.01	Pass
		100	0	22.30	-0.70	21.60	<=33.01	Pass
256QAM	2580	1	0	20.20	-0.70	19.50	<=33.01	Pass
			50	20.40	-0.70	19.70	<=33.01	Pass
			99	20.19	-0.70	19.49	<=33.01	Pass
		50	0	20.43	-0.70	19.73	<=33.01	Pass
			25	20.46	-0.70	19.76	<=33.01	Pass
			50	20.37	-0.70	19.67	<=33.01	Pass
		100	0	20.38	-0.70	19.68	<=33.01	Pass
	2595	1	0	20.50	-0.70	19.80	<=33.01	Pass
			50	20.15	-0.70	19.45	<=33.01	Pass
			99	20.53	-0.70	19.83	<=33.01	Pass
		50	0	20.27	-0.70	19.57	<=33.01	Pass
			25	20.26	-0.70	19.56	<=33.01	Pass
			50	20.30	-0.70	19.60	<=33.01	Pass
		100	0	20.28	-0.70	19.58	<=33.01	Pass
	2610	1	0	20.53	-0.70	19.83	<=33.01	Pass
			50	20.21	-0.70	19.51	<=33.01	Pass
			99	20.09	-0.70	19.39	<=33.01	Pass
		50	0	20.36	-0.70	19.66	<=33.01	Pass
			25	20.26	-0.70	19.56	<=33.01	Pass
			50	20.19	-0.70	19.49	<=33.01	Pass
		100	0	20.28	-0.70	19.58	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B38_10MHz

Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2595	50	0	20	LV	-1.745	-0.0007	-2.5 to 2.5	Pass
					NV	-2.663	-0.0010	-2.5 to 2.5	Pass
					HV	-1.946	-0.0007	-2.5 to 2.5	Pass
				-30	NV	-3.455	-0.0013	-2.5 to 2.5	Pass
				-20	NV	0.194	0.0001	-2.5 to 2.5	Pass
				-10	NV	4.605	0.0018	-2.5 to 2.5	Pass
				0	NV	-2.782	-0.0011	-2.5 to 2.5	Pass
				10	NV	2.130	0.0008	-2.5 to 2.5	Pass
				30	NV	2.270	0.0009	-2.5 to 2.5	Pass
				40	NV	0.575	0.0002	-2.5 to 2.5	Pass
				50	NV	-1.665	-0.0006	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band38_OBW

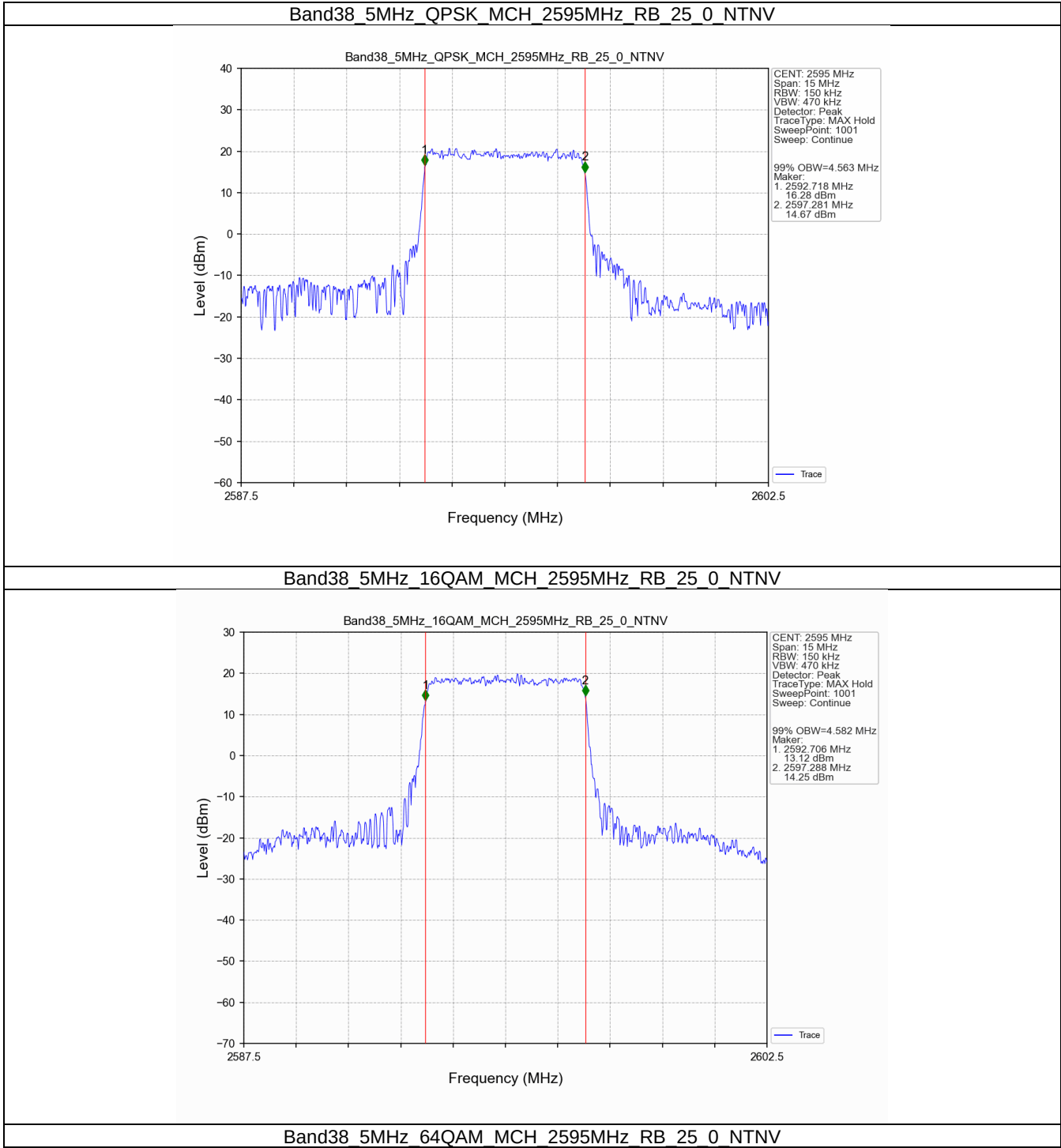
Band: 38 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2595	25	0	4.563	/	Pass
	16QAM	2595	25	0	4.582	/	Pass
	64QAM	2595	25	0	4.571	/	Pass
	256QAM	2595	25	0	4.573	/	Pass
10	QPSK	2595	50	0	9.052	/	Pass
	16QAM	2595	50	0	9.037	/	Pass
	64QAM	2595	50	0	9.103	/	Pass
	256QAM	2595	50	0	9.055	/	Pass
15	QPSK	2595	75	0	13.616	/	Pass
	16QAM	2595	75	0	13.580	/	Pass
	64QAM	2595	75	0	13.586	/	Pass
	256QAM	2595	75	0	13.565	/	Pass
20	QPSK	2595	100	0	18.102	/	Pass
	16QAM	2595	100	0	18.098	/	Pass
	64QAM	2595	100	0	18.087	/	Pass
	256QAM	2595	100	0	18.155	/	Pass

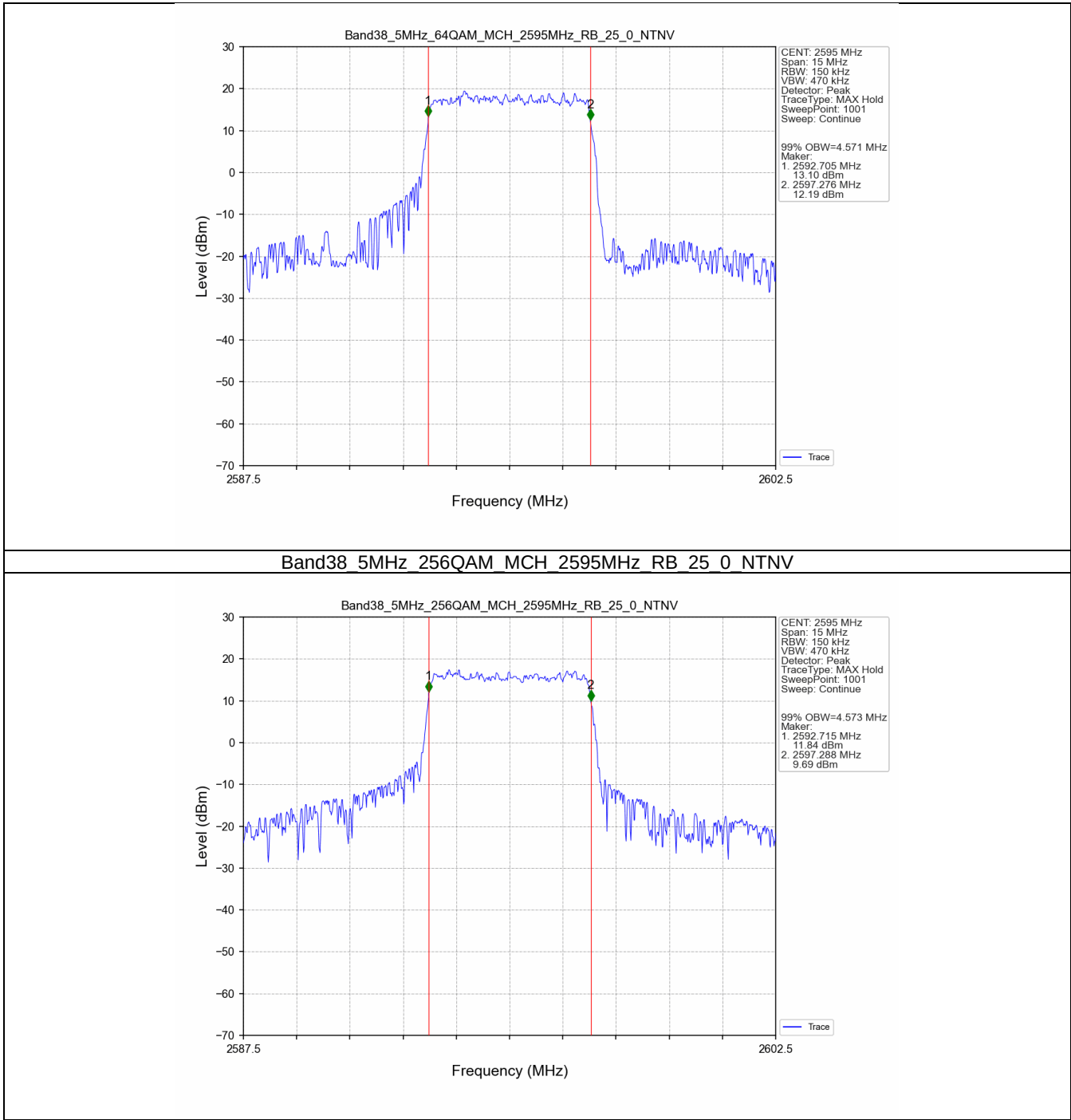
3.1.2 Band38_XDB

Band: 38 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2595	25	0	5.548	/	Pass
	16QAM	2595	25	0	5.236	/	Pass
	64QAM	2595	25	0	5.435	/	Pass
	256QAM	2595	25	0	5.668	/	Pass
10	QPSK	2595	50	0	10.070	/	Pass
	16QAM	2595	50	0	10.088	/	Pass
	64QAM	2595	50	0	11.355	/	Pass
	256QAM	2595	50	0	10.849	/	Pass
15	QPSK	2595	75	0	15.635	/	Pass
	16QAM	2595	75	0	15.294	/	Pass
	64QAM	2595	75	0	17.970	/	Pass
	256QAM	2595	75	0	15.449	/	Pass
20	QPSK	2595	100	0	23.313	/	Pass
	16QAM	2595	100	0	21.681	/	Pass
	64QAM	2595	100	0	21.650	/	Pass
	256QAM	2595	100	0	25.036	/	Pass

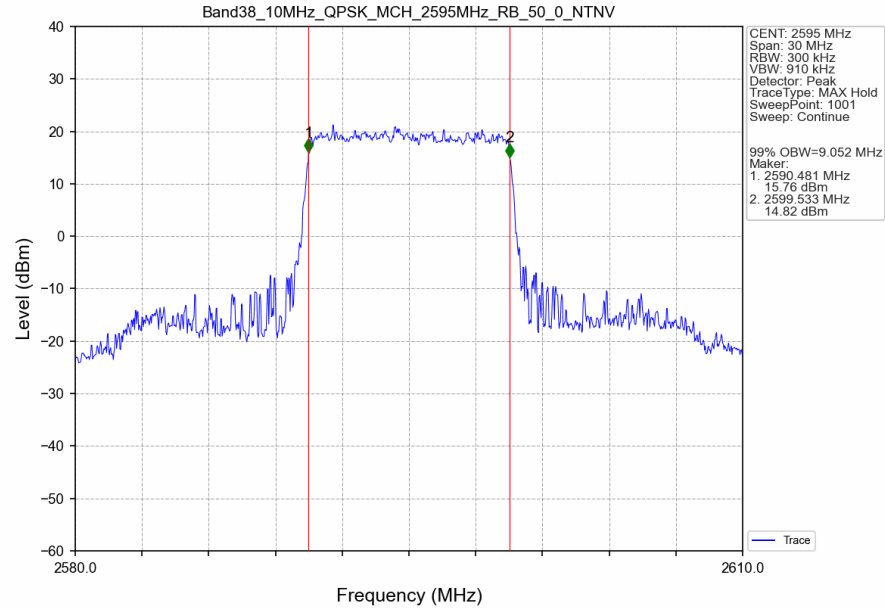
3.2 Test Graph

3.2.1 Band38_OBW

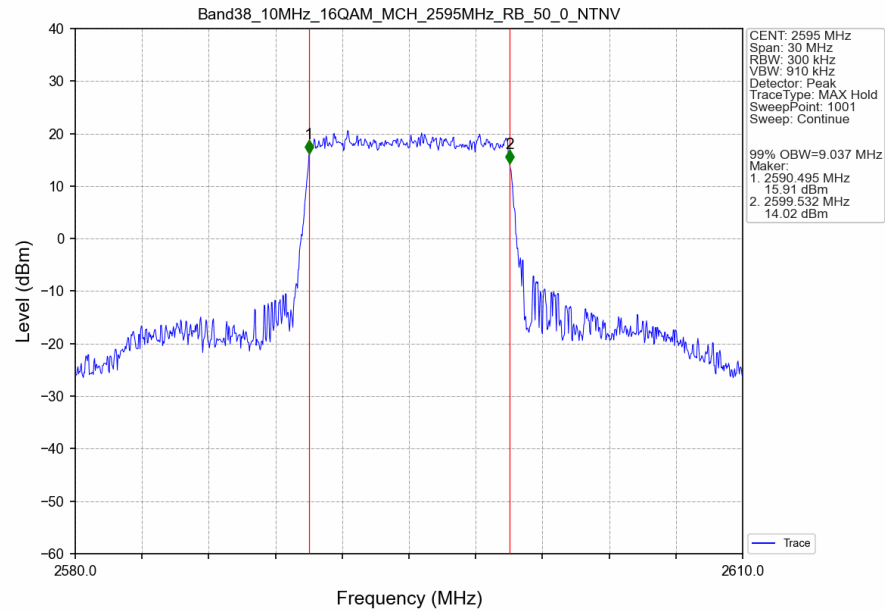




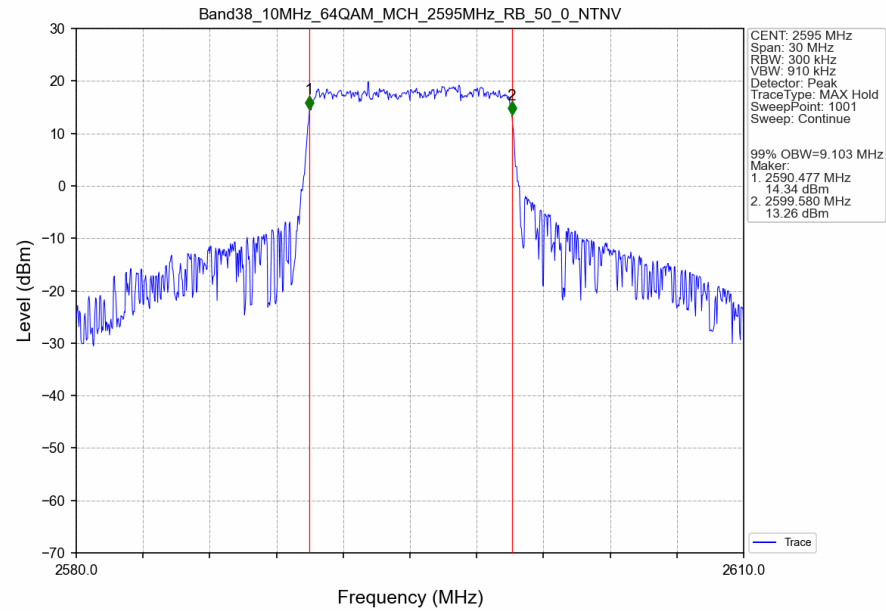
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



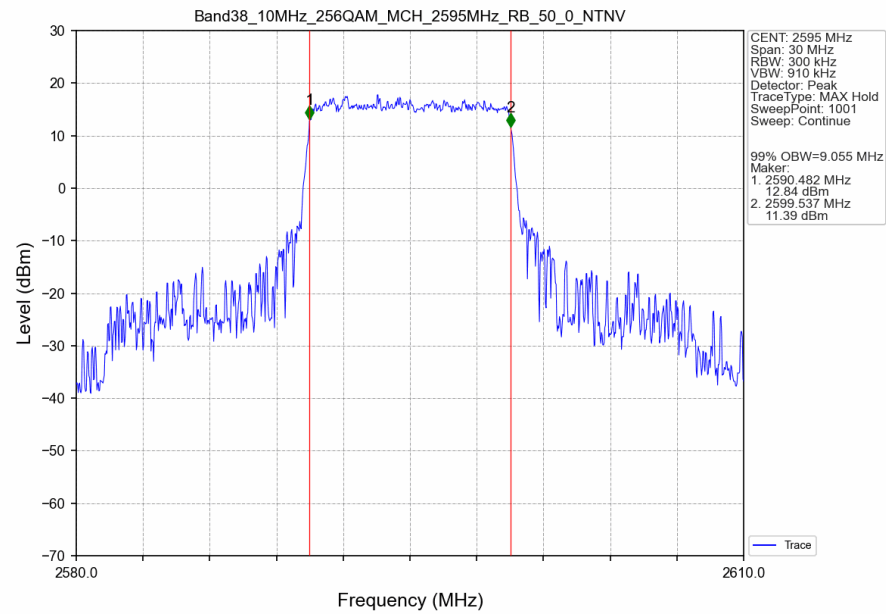
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



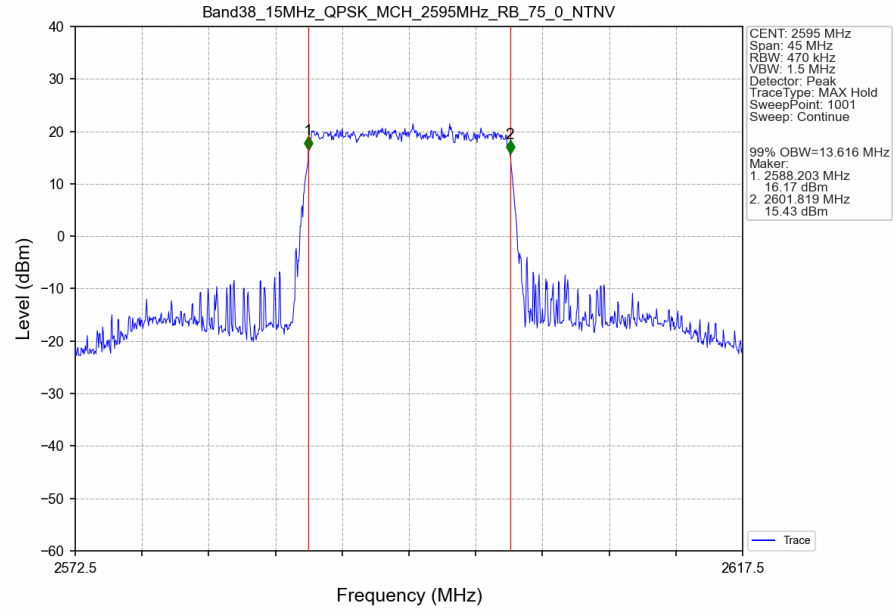
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



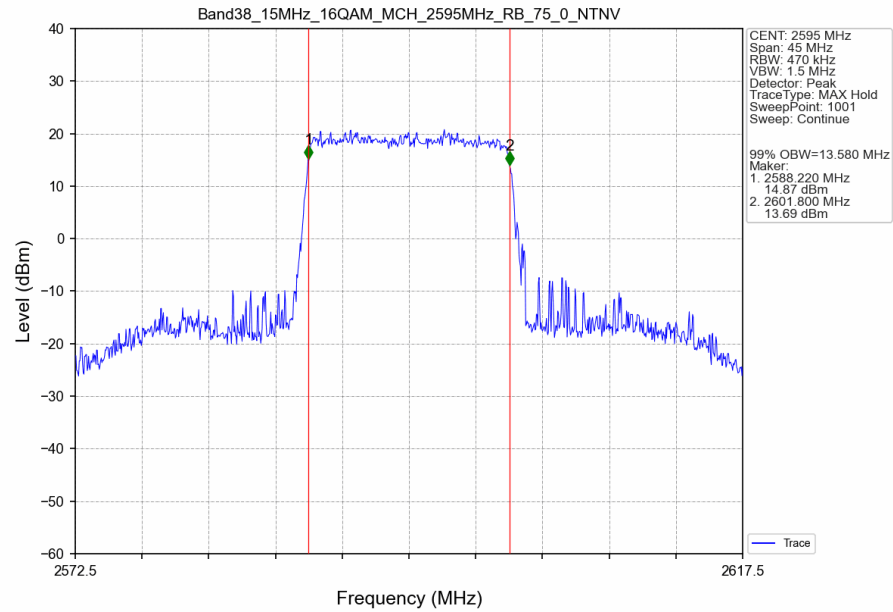
Band38_10MHz_256QAM_MCH_2595MHz_RB_50_0_NTNV



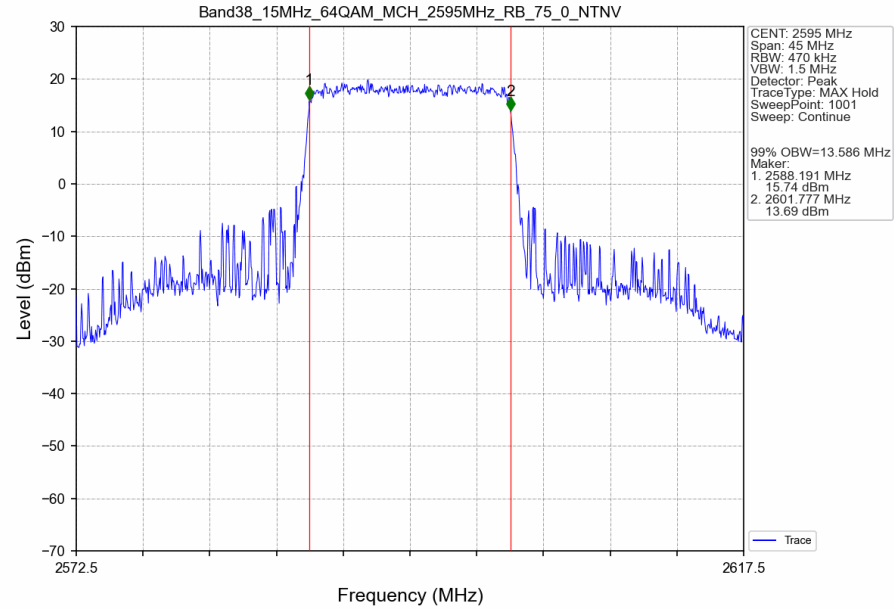
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



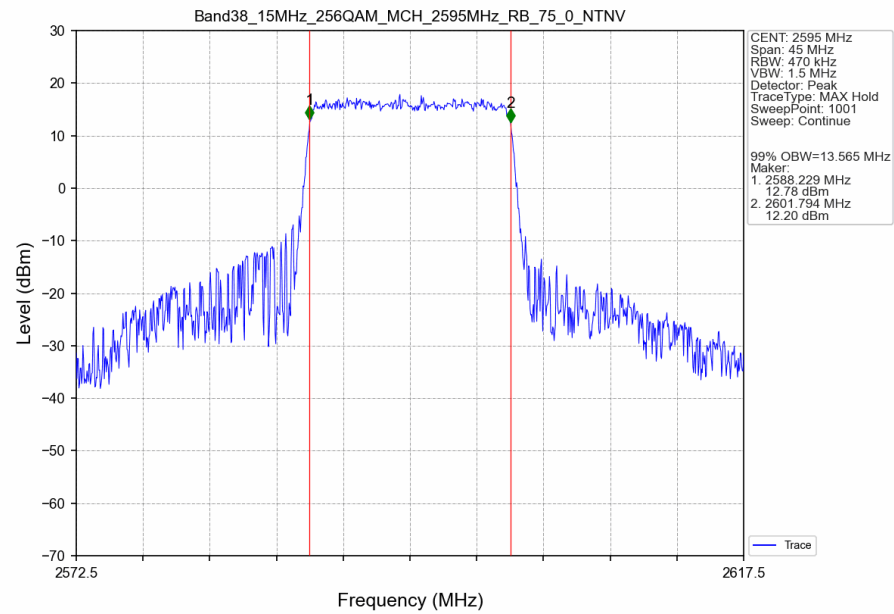
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV

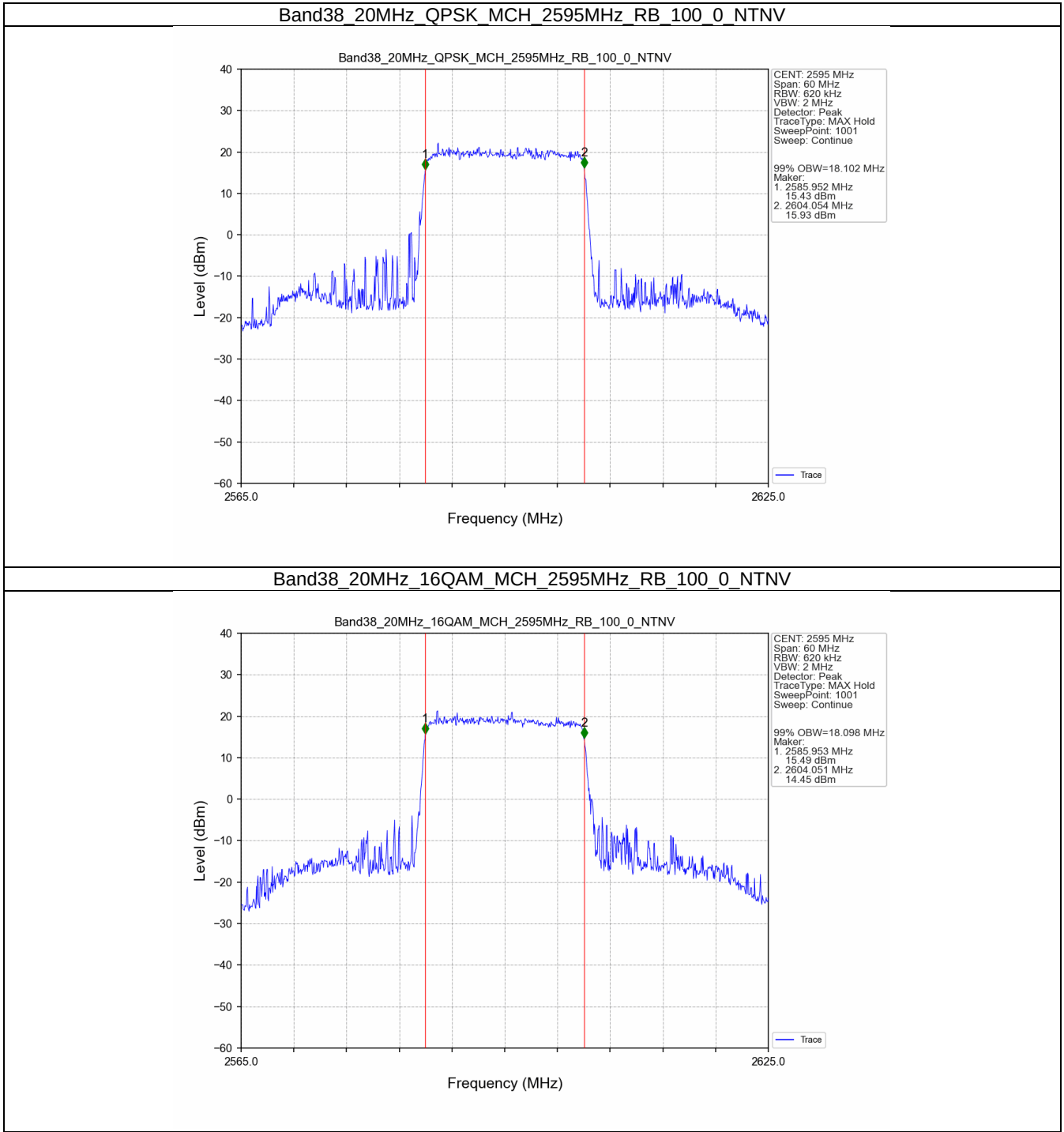


Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV

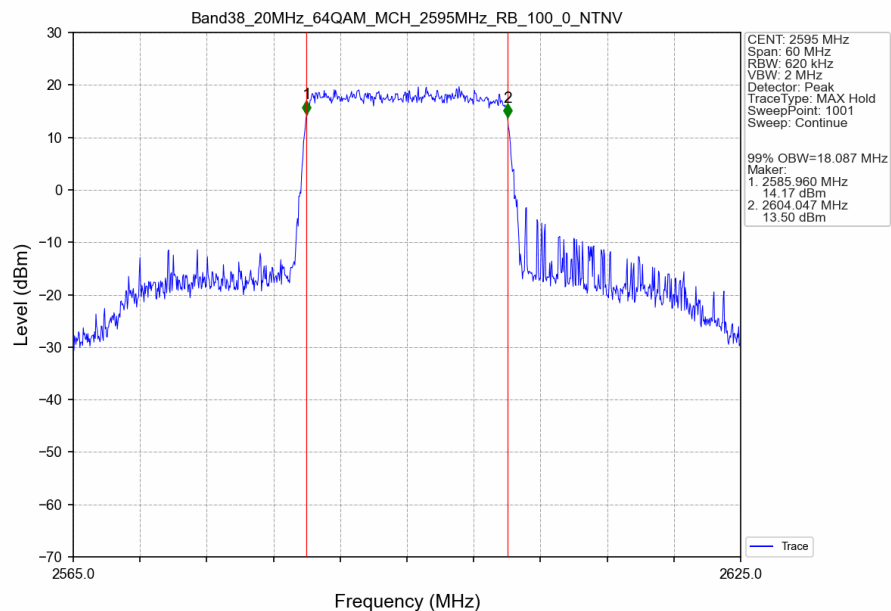


Band38_15MHz_256QAM_MCH_2595MHz_RB_75_0_NTNV

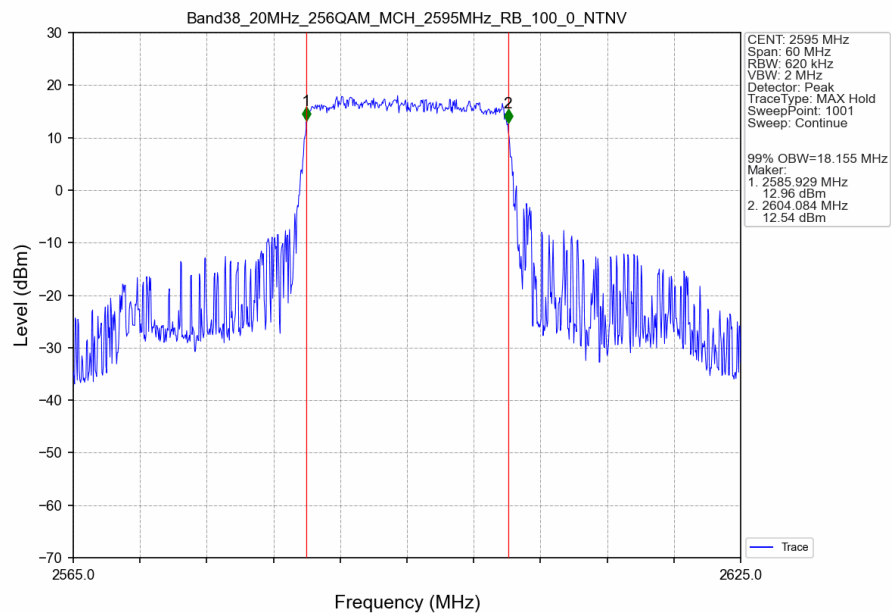




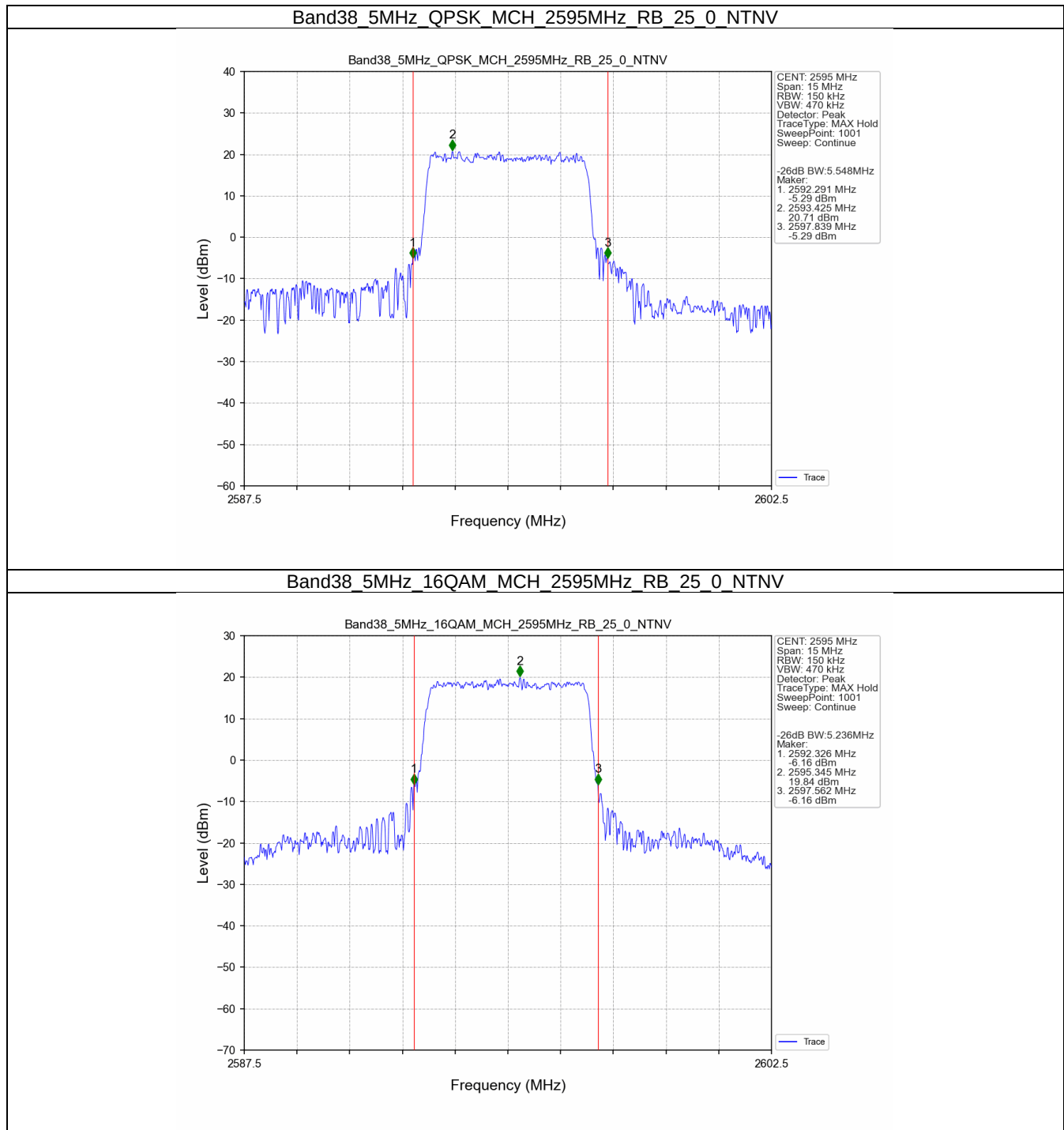
Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



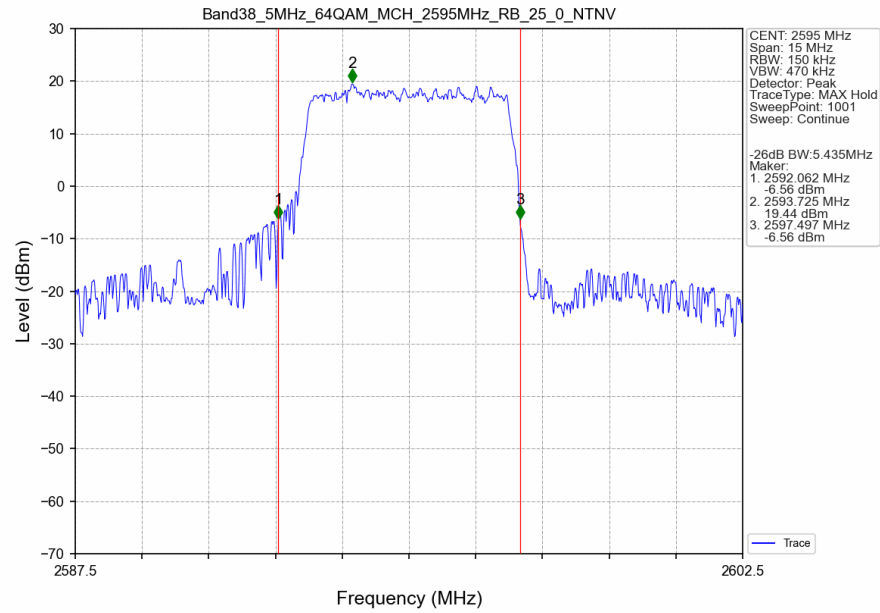
Band38_20MHz_256QAM_MCH_2595MHz_RB_100_0_NTNV



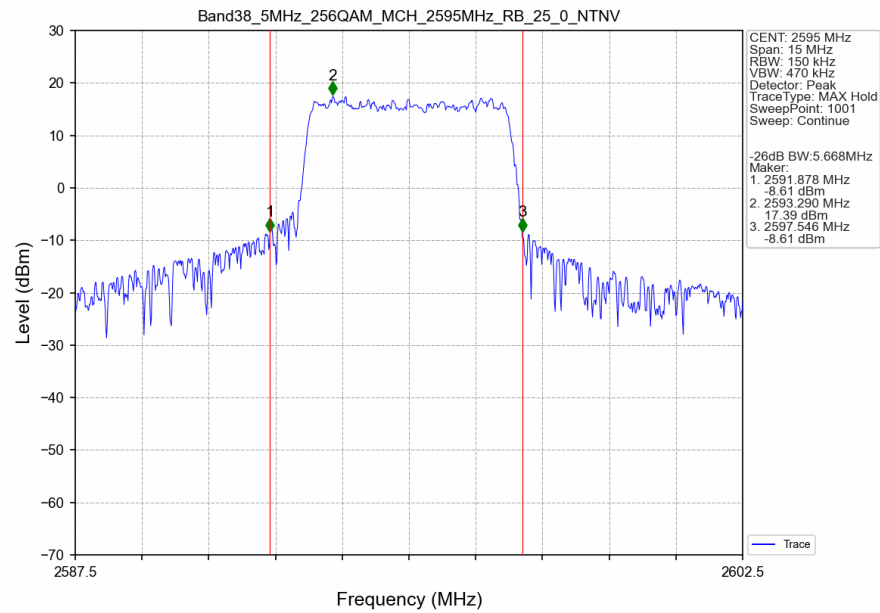
3.2.2 Band38_XDB



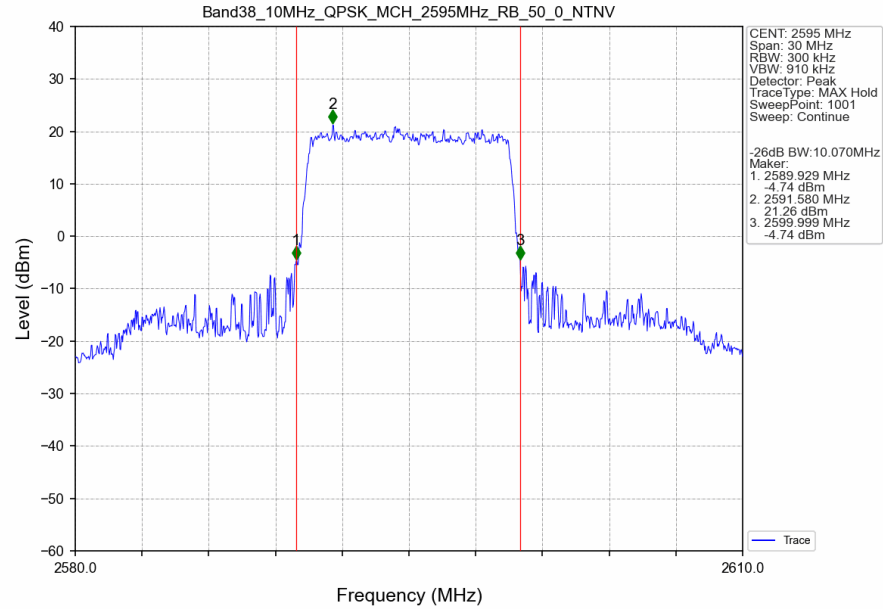
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



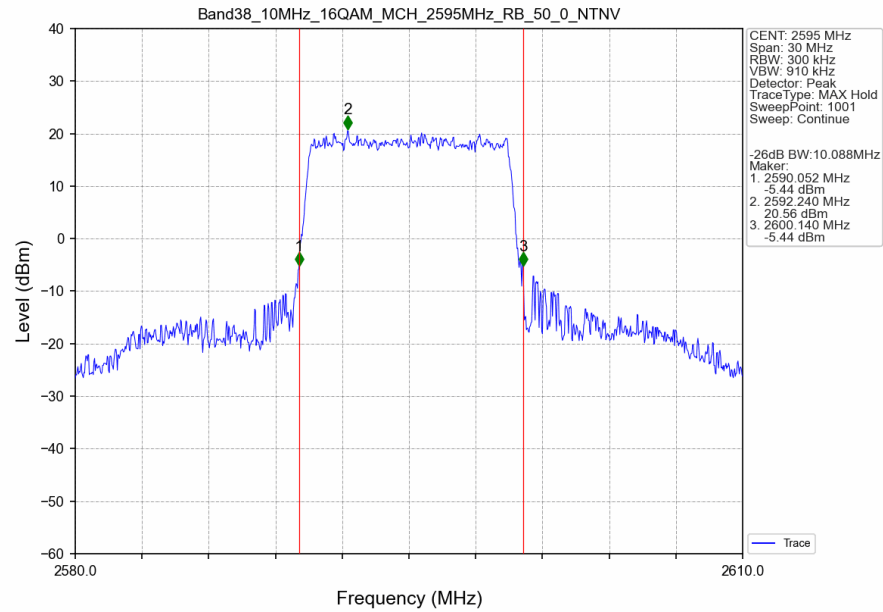
Band38 5MHz 256QAM MCH 2595MHz RB 25 0 NTN



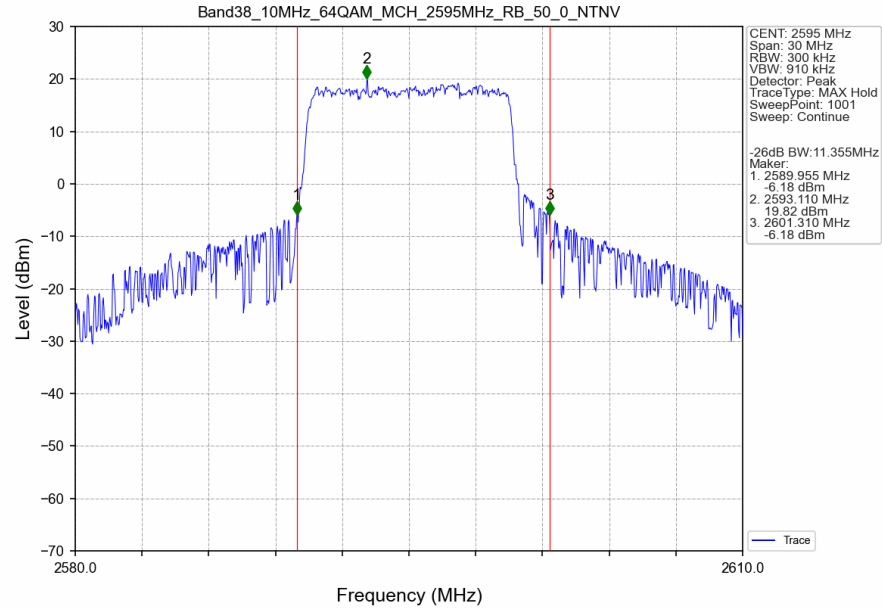
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



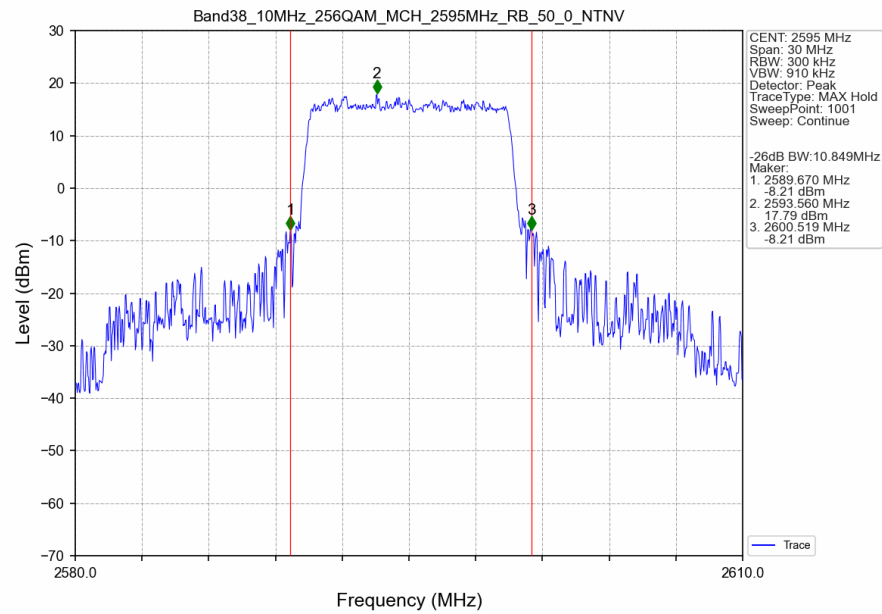
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



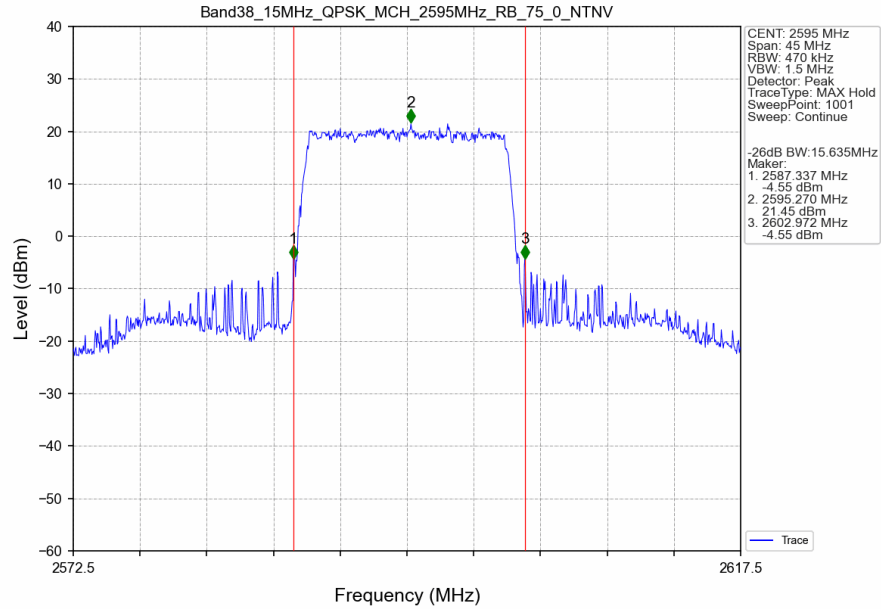
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



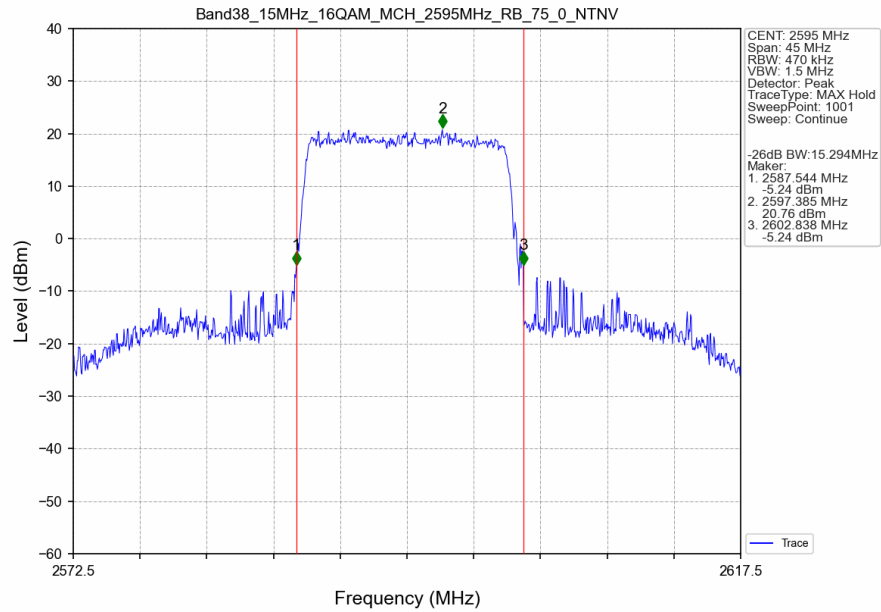
Band38_10MHz_256QAM_MCH_2595MHz_RB_50_0_NTNV



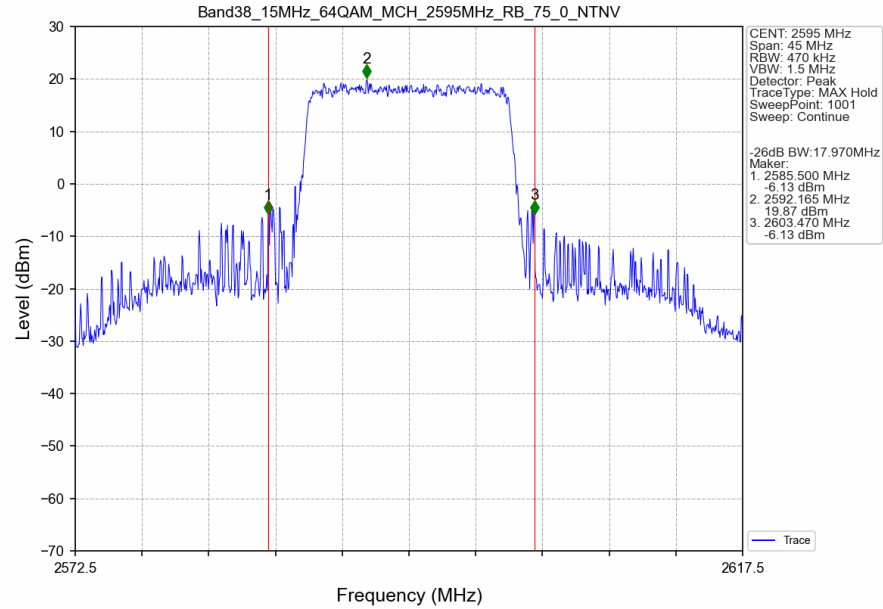
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



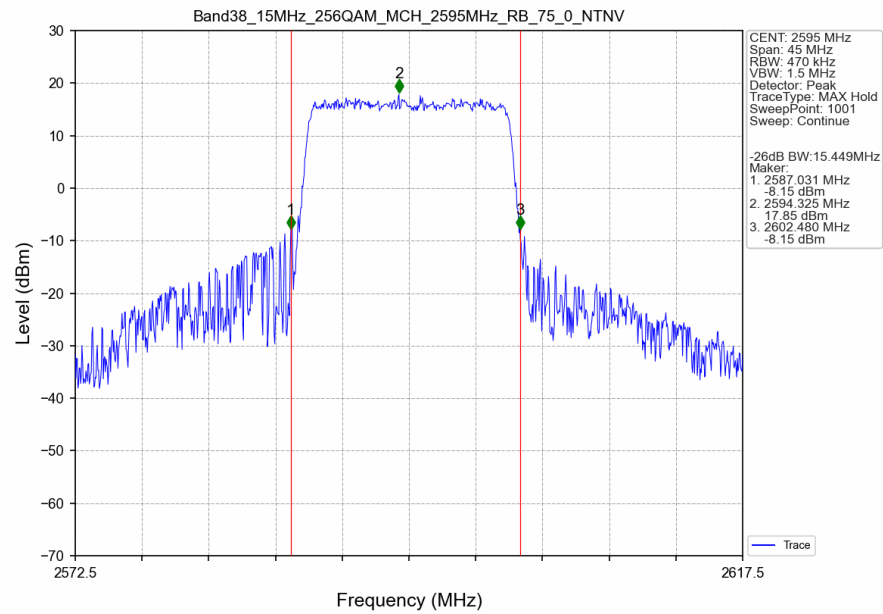
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



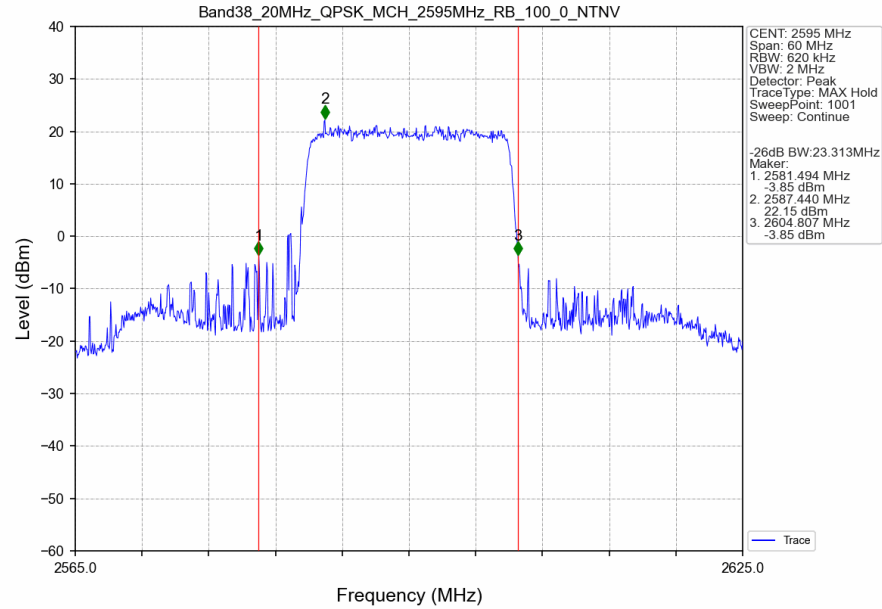
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



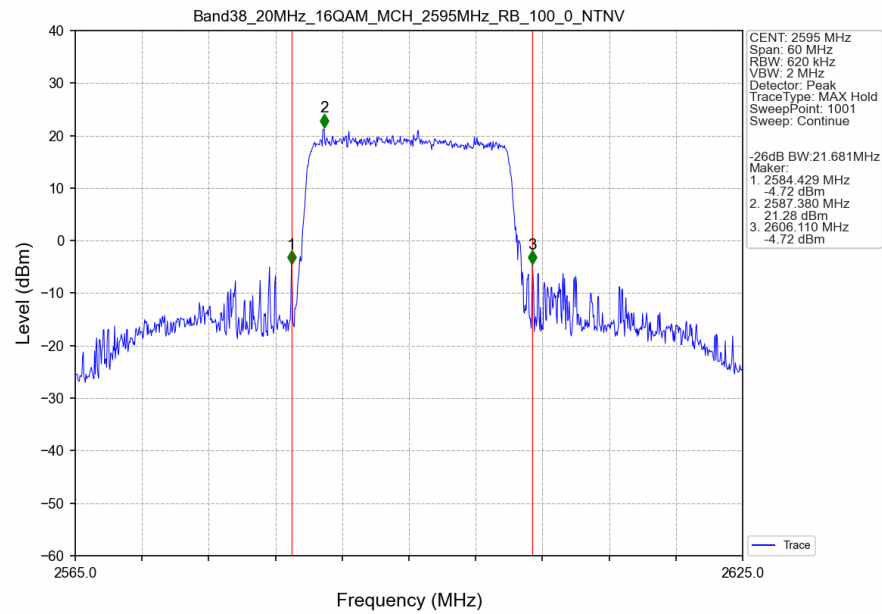
Band38_15MHz_256QAM_MCH_2595MHz_RB_75_0_NTNV



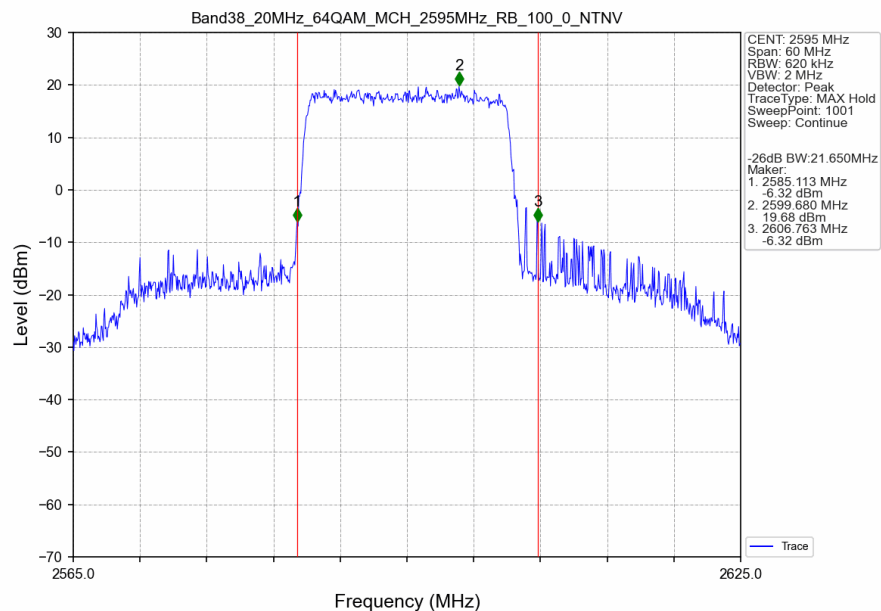
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



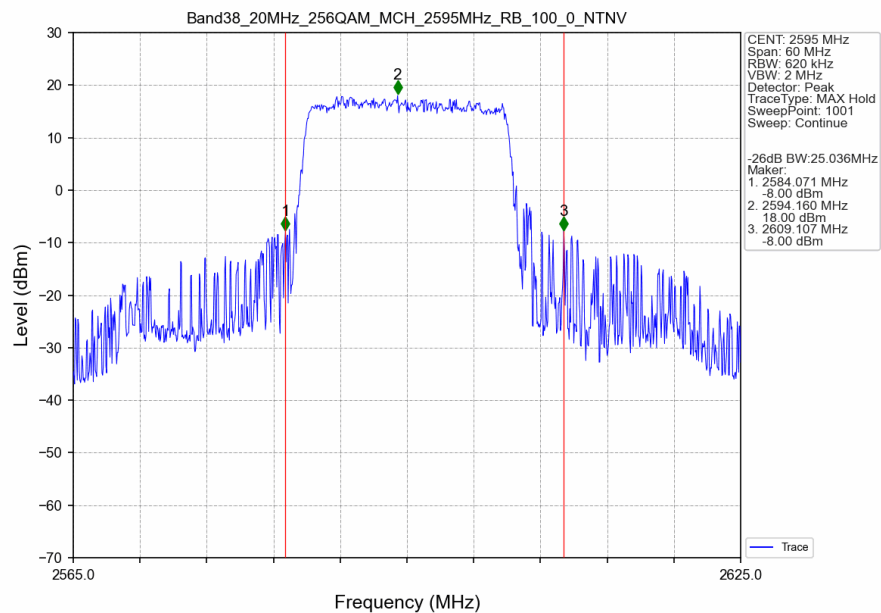
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_256QAM_MCH_2595MHz_RB_100_0_NTNV



4. Peak-Average Ratio

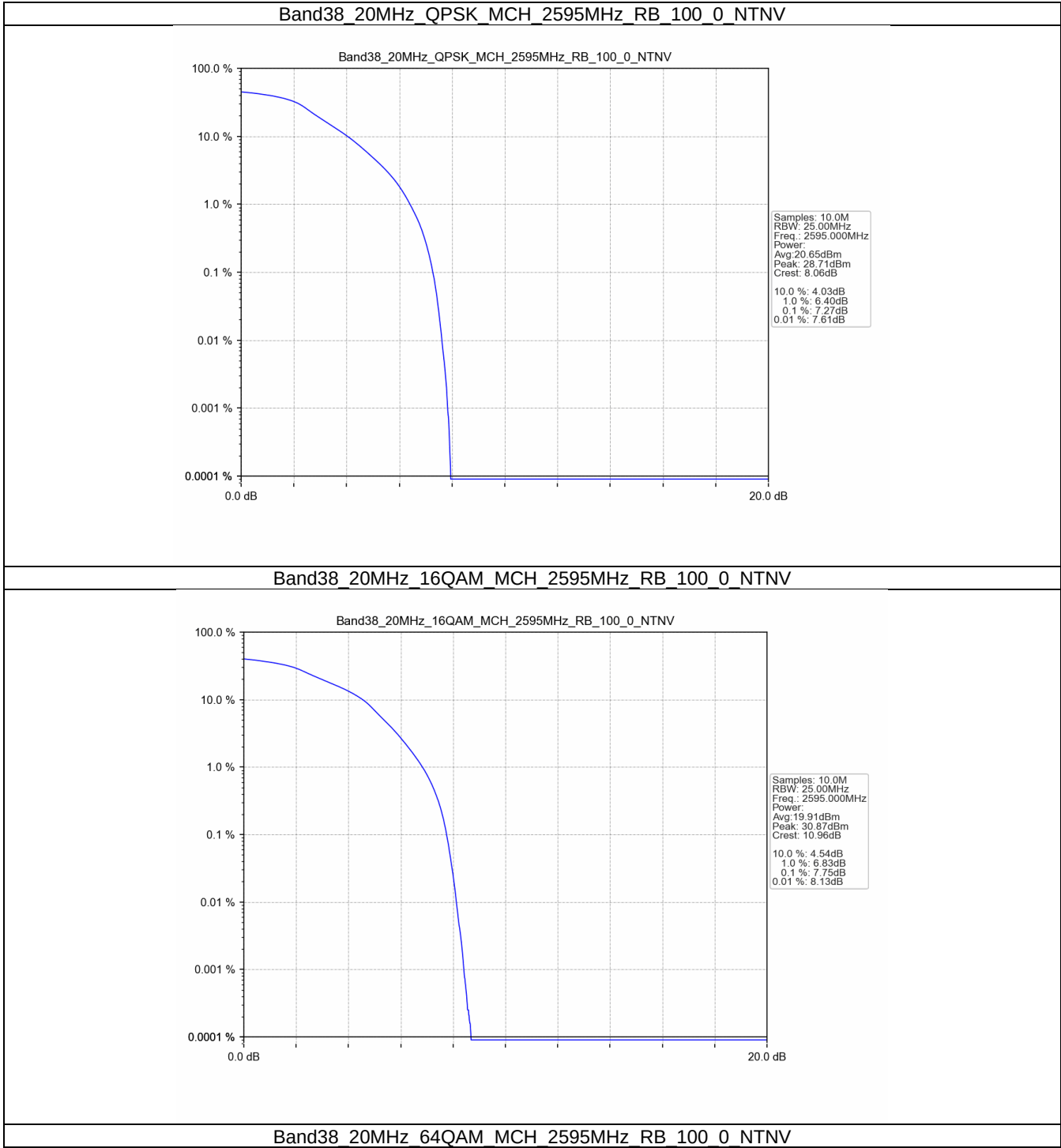
4.1 Test Result

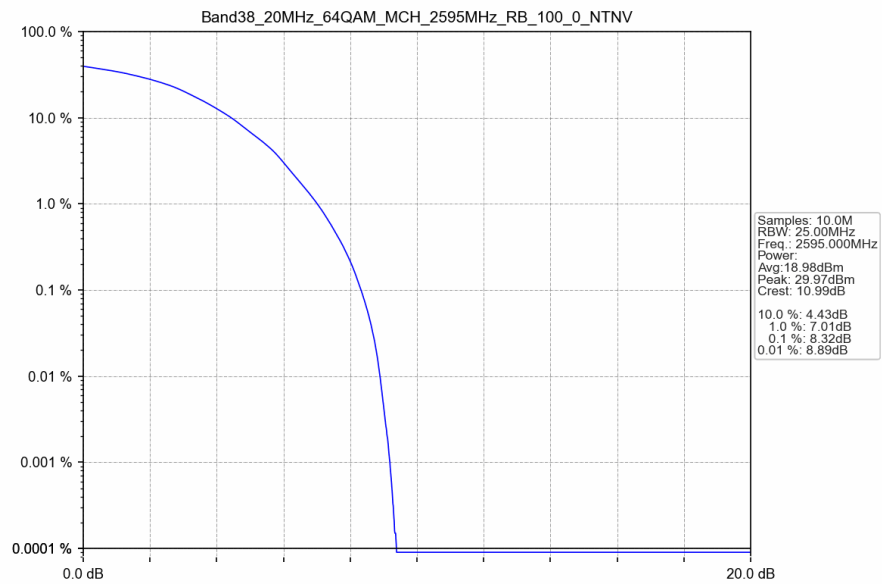
4.1.1 B38_20MHz

Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2595	100	0	7.27	<=13	Pass
16QAM	2595	100	0	7.75	<=13	Pass
64QAM	2595	100	0	8.32	<=13	Pass
256QAM	2595	100	0	8.69	<=13	Pass

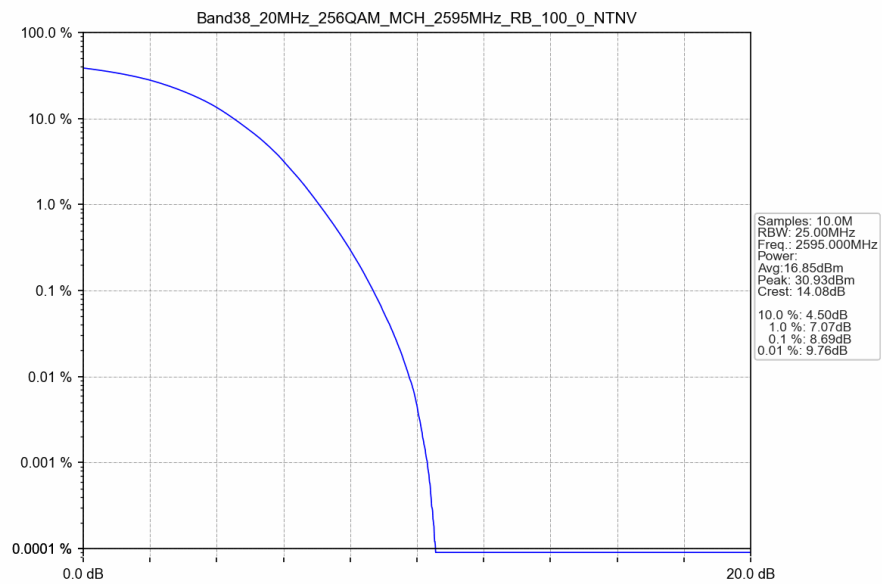
4.2 Test Graph

4.2.1 B38_20MHz





Band38 20MHz 256QAM MCH 2595MHz RB 100 0 NTN



5. Spurious Emission

5.1 Test Result

5.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2572.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2617.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2615	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B38_15MHz

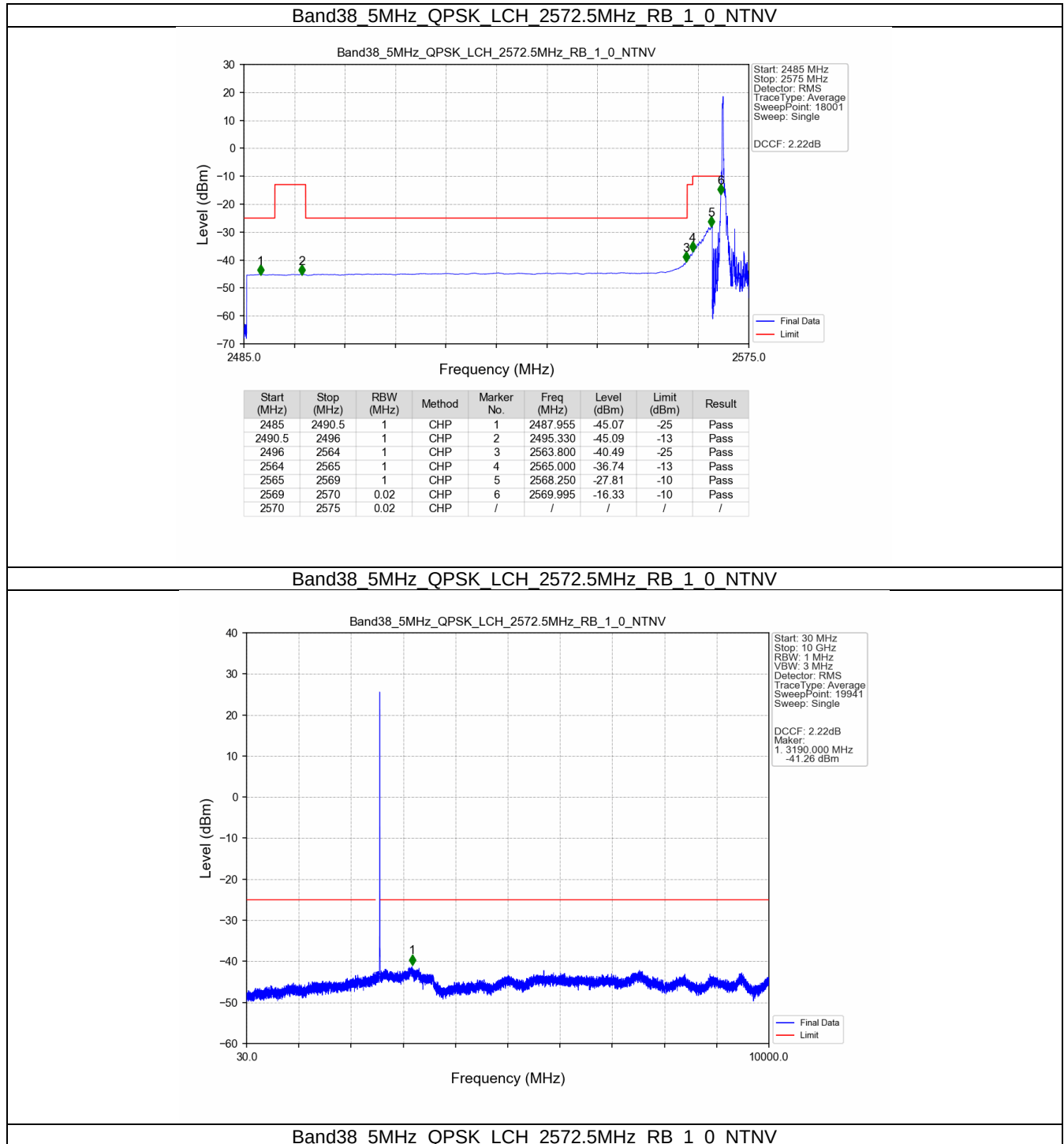
Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
			75	Refer To Test Graph		Pass

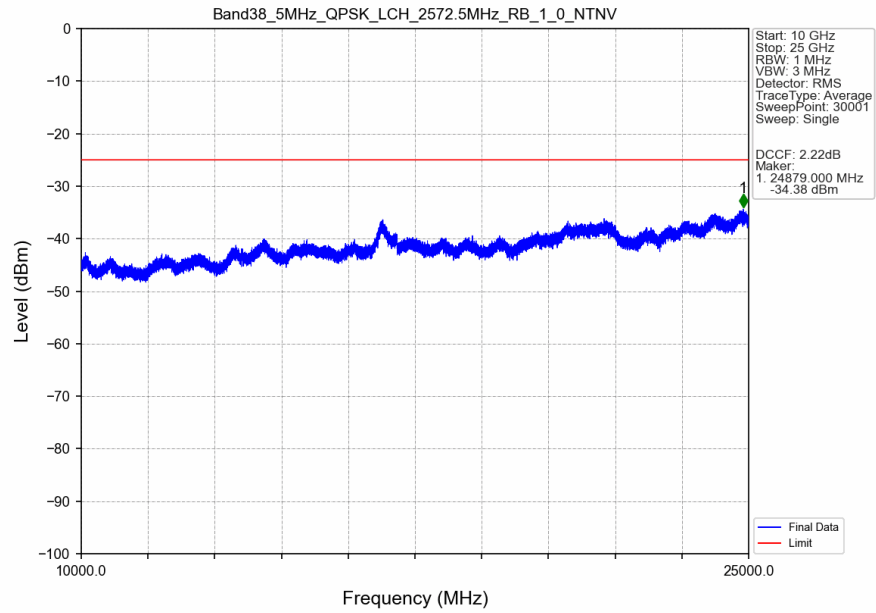
5.1.4 B38_20MHz

Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

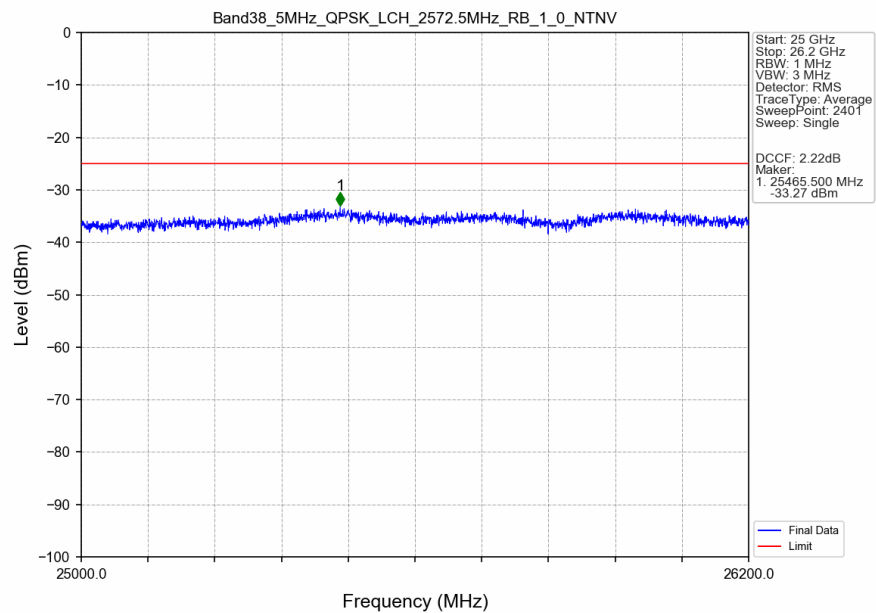
5.2 Test Graph

5.2.1 B38_5MHz

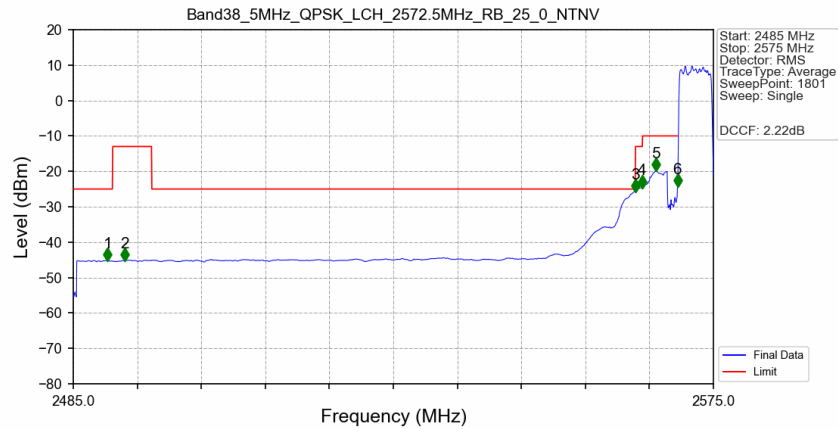




Band38 5MHz QPSK LCH 2572.5MHz RB 1 0 NTN



Band38_5MHz_QPSK_LCH_2572.5MHz_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	2489.800	-45.14	-25	Pass
2490.5	2496	1	CHP	2	2492.250	-45.06	-13	Pass
2496	2564	1	CHP	3	2564.000	-25.59	-25	Pass
2564	2565	1	CHP	4	2565.000	-24.45	-13	Pass
2565	2569	1	CHP	5	2566.950	-19.69	-10	Pass
2569	2570	0.111	CHP	6	2569.950	-24.12	-10	Pass
2570	2575	0.111	CHP	/	/	/	/	/

Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV

