

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B7_5MHz_EIRP

Band: 7 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2502.5	1	0	24.98	-0.70	24.28	<=33.01	Pass
			13	25.00	-0.70	24.30	<=33.01	Pass
			24	25.07	-0.70	24.37	<=33.01	Pass
		12	0	24.02	-0.70	23.32	<=33.01	Pass
			6	23.92	-0.70	23.22	<=33.01	Pass
			13	23.88	-0.70	23.18	<=33.01	Pass
		25	0	23.89	-0.70	23.19	<=33.01	Pass
	2535	1	0	25.39	-0.70	24.69	<=33.01	Pass
			13	25.24	-0.70	24.54	<=33.01	Pass
			24	25.04	-0.70	24.34	<=33.01	Pass
		12	0	24.15	-0.70	23.45	<=33.01	Pass
			6	24.11	-0.70	23.41	<=33.01	Pass
			13	24.12	-0.70	23.42	<=33.01	Pass
		25	0	24.20	-0.70	23.50	<=33.01	Pass
	2567.5	1	0	25.35	-0.70	24.65	<=33.01	Pass
			13	25.15	-0.70	24.45	<=33.01	Pass
			24	25.04	-0.70	24.34	<=33.01	Pass
		12	0	24.02	-0.70	23.32	<=33.01	Pass
			6	24.02	-0.70	23.32	<=33.01	Pass
			13	24.07	-0.70	23.37	<=33.01	Pass
		25	0	24.08	-0.70	23.38	<=33.01	Pass
16QAM	2502.5	1	0	23.83	-0.70	23.13	<=33.01	Pass
			13	23.84	-0.70	23.14	<=33.01	Pass
			24	23.83	-0.70	23.13	<=33.01	Pass
		12	0	22.88	-0.70	22.18	<=33.01	Pass
			6	22.82	-0.70	22.12	<=33.01	Pass
			13	22.85	-0.70	22.15	<=33.01	Pass
		25	0	22.85	-0.70	22.15	<=33.01	Pass
	2535	1	0	24.46	-0.70	23.76	<=33.01	Pass
			13	24.47	-0.70	23.77	<=33.01	Pass
			24	24.40	-0.70	23.70	<=33.01	Pass
		12	0	23.15	-0.70	22.45	<=33.01	Pass
			6	23.16	-0.70	22.46	<=33.01	Pass
			13	23.17	-0.70	22.47	<=33.01	Pass
		25	0	23.18	-0.70	22.48	<=33.01	Pass
	2567.5	1	0	24.00	-0.70	23.30	<=33.01	Pass
			13	23.92	-0.70	23.22	<=33.01	Pass
			24	23.98	-0.70	23.28	<=33.01	Pass
		12	0	23.07	-0.70	22.37	<=33.01	Pass
			6	23.13	-0.70	22.43	<=33.01	Pass
			13	23.12	-0.70	22.42	<=33.01	Pass
		25	0	23.20	-0.70	22.50	<=33.01	Pass
64QAM	2502.5	1	0	22.92	-0.70	22.22	<=33.01	Pass
			13	22.90	-0.70	22.20	<=33.01	Pass
			24	22.87	-0.70	22.17	<=33.01	Pass
		12	0	22.14	-0.70	21.44	<=33.01	Pass
			6	22.08	-0.70	21.38	<=33.01	Pass
			13	22.06	-0.70	21.36	<=33.01	Pass
		25	0	22.14	-0.70	21.44	<=33.01	Pass
	2535	1	0	23.26	-0.70	22.56	<=33.01	Pass
			13	23.31	-0.70	22.61	<=33.01	Pass
			24	23.29	-0.70	22.59	<=33.01	Pass
		12	0	22.22	-0.70	21.52	<=33.01	Pass
			6	22.21	-0.70	21.51	<=33.01	Pass

			13	22.19	-0.70	21.49	<=33.01	Pass
		25	0	22.26	-0.70	21.56	<=33.01	Pass
	2567.5	1	0	23.25	-0.70	22.55	<=33.01	Pass
			13	23.26	-0.70	22.56	<=33.01	Pass
			24	23.33	-0.70	22.63	<=33.01	Pass
		12	0	22.24	-0.70	21.54	<=33.01	Pass
			6	22.28	-0.70	21.58	<=33.01	Pass
			13	22.24	-0.70	21.54	<=33.01	Pass
		25	0	22.34	-0.70	21.64	<=33.01	Pass
	256QAM	2502.5	1	0	19.95	-0.70	19.25	<=33.01
13				19.91	-0.70	19.21	<=33.01	Pass
24				19.94	-0.70	19.24	<=33.01	Pass
12			0	20.05	-0.70	19.35	<=33.01	Pass
			6	20.05	-0.70	19.35	<=33.01	Pass
			13	20.02	-0.70	19.32	<=33.01	Pass
25			0	20.13	-0.70	19.43	<=33.01	Pass
2535		1	0	20.61	-0.70	19.91	<=33.01	Pass
			13	20.54	-0.70	19.84	<=33.01	Pass
			24	20.50	-0.70	19.80	<=33.01	Pass
		12	0	20.42	-0.70	19.72	<=33.01	Pass
			6	20.39	-0.70	19.69	<=33.01	Pass
			13	20.36	-0.70	19.66	<=33.01	Pass
		25	0	20.33	-0.70	19.63	<=33.01	Pass
2567.5		1	0	20.44	-0.70	19.74	<=33.01	Pass
			13	20.52	-0.70	19.82	<=33.01	Pass
			24	20.55	-0.70	19.85	<=33.01	Pass
		12	0	20.40	-0.70	19.70	<=33.01	Pass
			6	20.41	-0.70	19.71	<=33.01	Pass
			13	20.40	-0.70	19.70	<=33.01	Pass
		25	0	20.39	-0.70	19.69	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B7_10MHz_EIRP

Band: 7 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	25.09	-0.70	24.39	<=33.01	Pass
			25	24.91	-0.70	24.21	<=33.01	Pass
			49	24.90	-0.70	24.20	<=33.01	Pass
		25	0	23.81	-0.70	23.11	<=33.01	Pass
			13	23.81	-0.70	23.11	<=33.01	Pass
			25	23.82	-0.70	23.12	<=33.01	Pass
		50	0	23.80	-0.70	23.10	<=33.01	Pass
	2535	1	0	25.56	-0.70	24.86	<=33.01	Pass
			25	25.35	-0.70	24.65	<=33.01	Pass
			49	24.99	-0.70	24.29	<=33.01	Pass
		25	0	24.21	-0.70	23.51	<=33.01	Pass
			13	24.15	-0.70	23.45	<=33.01	Pass
			25	24.13	-0.70	23.43	<=33.01	Pass
		50	0	24.14	-0.70	23.44	<=33.01	Pass
	2565	1	0	25.38	-0.70	24.68	<=33.01	Pass
			25	25.21	-0.70	24.51	<=33.01	Pass
			49	25.02	-0.70	24.32	<=33.01	Pass
		25	0	24.09	-0.70	23.39	<=33.01	Pass
			13	24.06	-0.70	23.36	<=33.01	Pass
			25	24.11	-0.70	23.41	<=33.01	Pass
		50	0	24.09	-0.70	23.39	<=33.01	Pass
16QAM	2505	1	0	23.76	-0.70	23.06	<=33.01	Pass
			25	23.68	-0.70	22.98	<=33.01	Pass
			49	23.83	-0.70	23.13	<=33.01	Pass
		25	0	22.81	-0.70	22.11	<=33.01	Pass

	2535		13	22.76	-0.70	22.06	<=33.01	Pass	
			25	22.88	-0.70	22.18	<=33.01	Pass	
			50	0	22.78	-0.70	22.08	<=33.01	Pass
		1	0	24.09	-0.70	23.39	<=33.01	Pass	
			25	24.17	-0.70	23.47	<=33.01	Pass	
			49	24.10	-0.70	23.40	<=33.01	Pass	
			25	0	23.19	-0.70	22.49	<=33.01	Pass
				13	23.21	-0.70	22.51	<=33.01	Pass
				25	23.17	-0.70	22.47	<=33.01	Pass
	50	0	23.20	-0.70	22.50	<=33.01	Pass		
	2565	1	0	24.48	-0.70	23.78	<=33.01	Pass	
			25	24.45	-0.70	23.75	<=33.01	Pass	
			49	24.54	-0.70	23.84	<=33.01	Pass	
		25	0	23.06	-0.70	22.36	<=33.01	Pass	
			13	23.07	-0.70	22.37	<=33.01	Pass	
			25	23.11	-0.70	22.41	<=33.01	Pass	
		50	0	23.07	-0.70	22.37	<=33.01	Pass	
64QAM		2505	1	0	22.91	-0.70	22.21	<=33.01	Pass
				25	22.82	-0.70	22.12	<=33.01	Pass
	49			23.06	-0.70	22.36	<=33.01	Pass	
	25		0	21.99	-0.70	21.29	<=33.01	Pass	
			13	21.97	-0.70	21.27	<=33.01	Pass	
			25	21.98	-0.70	21.28	<=33.01	Pass	
	50		0	22.02	-0.70	21.32	<=33.01	Pass	
	2535	1	0	23.59	-0.70	22.89	<=33.01	Pass	
			25	23.59	-0.70	22.89	<=33.01	Pass	
			49	23.59	-0.70	22.89	<=33.01	Pass	
		25	0	22.36	-0.70	21.66	<=33.01	Pass	
			13	22.33	-0.70	21.63	<=33.01	Pass	
			25	22.28	-0.70	21.58	<=33.01	Pass	
		50	0	22.28	-0.70	21.58	<=33.01	Pass	
	2565	1	0	23.21	-0.70	22.51	<=33.01	Pass	
			25	23.26	-0.70	22.56	<=33.01	Pass	
			49	23.35	-0.70	22.65	<=33.01	Pass	
		25	0	22.28	-0.70	21.58	<=33.01	Pass	
			13	22.26	-0.70	21.56	<=33.01	Pass	
			25	22.27	-0.70	21.57	<=33.01	Pass	
		50	0	22.26	-0.70	21.56	<=33.01	Pass	
256QAM	2505	1	0	20.19	-0.70	19.49	<=33.01	Pass	
			25	20.14	-0.70	19.44	<=33.01	Pass	
			49	20.21	-0.70	19.51	<=33.01	Pass	
		25	0	20.07	-0.70	19.37	<=33.01	Pass	
			13	20.06	-0.70	19.36	<=33.01	Pass	
			25	20.06	-0.70	19.36	<=33.01	Pass	
		50	0	20.06	-0.70	19.36	<=33.01	Pass	
	2535	1	0	20.39	-0.70	19.69	<=33.01	Pass	
			25	20.27	-0.70	19.57	<=33.01	Pass	
			49	20.20	-0.70	19.50	<=33.01	Pass	
		25	0	20.37	-0.70	19.67	<=33.01	Pass	
			13	20.31	-0.70	19.61	<=33.01	Pass	
			25	20.28	-0.70	19.58	<=33.01	Pass	
		50	0	20.32	-0.70	19.62	<=33.01	Pass	
	2565	1	0	20.59	-0.70	19.89	<=33.01	Pass	
			25	20.57	-0.70	19.87	<=33.01	Pass	
			49	20.62	-0.70	19.92	<=33.01	Pass	
		25	0	20.37	-0.70	19.67	<=33.01	Pass	
			13	20.35	-0.70	19.65	<=33.01	Pass	
			25	20.36	-0.70	19.66	<=33.01	Pass	
		50	0	20.36	-0.70	19.66	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

Band: 7 / Bandwidth: 15MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	25.10	-0.70	24.40	<=33.01	Pass
			38	25.04	-0.70	24.34	<=33.01	Pass
			74	24.96	-0.70	24.26	<=33.01	Pass
		36	0	23.79	-0.70	23.09	<=33.01	Pass
			18	23.82	-0.70	23.12	<=33.01	Pass
			39	23.87	-0.70	23.17	<=33.01	Pass
		75	0	22.88	-0.70	22.18	<=33.01	Pass
	2535	1	0	25.54	-0.70	24.84	<=33.01	Pass
			38	25.47	-0.70	24.77	<=33.01	Pass
			74	25.02	-0.70	24.32	<=33.01	Pass
		36	0	24.20	-0.70	23.50	<=33.01	Pass
			18	24.15	-0.70	23.45	<=33.01	Pass
			39	24.10	-0.70	23.40	<=33.01	Pass
		75	0	23.19	-0.70	22.49	<=33.01	Pass
	2562.5	1	0	25.44	-0.70	24.74	<=33.01	Pass
			38	25.40	-0.70	24.70	<=33.01	Pass
			74	25.16	-0.70	24.46	<=33.01	Pass
		36	0	24.06	-0.70	23.36	<=33.01	Pass
			18	24.09	-0.70	23.39	<=33.01	Pass
			39	24.09	-0.70	23.39	<=33.01	Pass
		75	0	23.15	-0.70	22.45	<=33.01	Pass
16QAM	2507.5	1	0	23.83	-0.70	23.13	<=33.01	Pass
			38	23.86	-0.70	23.16	<=33.01	Pass
			74	23.94	-0.70	23.24	<=33.01	Pass
		36	0	22.81	-0.70	22.11	<=33.01	Pass
			18	22.85	-0.70	22.15	<=33.01	Pass
			39	22.92	-0.70	22.22	<=33.01	Pass
		75	0	21.97	-0.70	21.27	<=33.01	Pass
	2535	1	0	24.20	-0.70	23.50	<=33.01	Pass
			38	24.20	-0.70	23.50	<=33.01	Pass
			74	24.01	-0.70	23.31	<=33.01	Pass
		36	0	23.24	-0.70	22.54	<=33.01	Pass
			18	23.23	-0.70	22.53	<=33.01	Pass
			39	23.22	-0.70	22.52	<=33.01	Pass
		75	0	22.24	-0.70	21.54	<=33.01	Pass
	2562.5	1	0	24.06	-0.70	23.36	<=33.01	Pass
			38	24.07	-0.70	23.37	<=33.01	Pass
			74	24.07	-0.70	23.37	<=33.01	Pass
		36	0	23.13	-0.70	22.43	<=33.01	Pass
			18	23.11	-0.70	22.41	<=33.01	Pass
			39	23.15	-0.70	22.45	<=33.01	Pass
		75	0	22.24	-0.70	21.54	<=33.01	Pass
64QAM	2507.5	1	0	22.77	-0.70	22.07	<=33.01	Pass
			38	22.85	-0.70	22.15	<=33.01	Pass
			74	23.06	-0.70	22.36	<=33.01	Pass
		36	0	21.99	-0.70	21.29	<=33.01	Pass
			18	22.01	-0.70	21.31	<=33.01	Pass
			39	22.08	-0.70	21.38	<=33.01	Pass
		75	0	21.11	-0.70	20.41	<=33.01	Pass
	2535	1	0	23.63	-0.70	22.93	<=33.01	Pass
			38	23.64	-0.70	22.94	<=33.01	Pass
			74	23.47	-0.70	22.77	<=33.01	Pass
		36	0	22.37	-0.70	21.67	<=33.01	Pass
			18	22.29	-0.70	21.59	<=33.01	Pass
			39	22.28	-0.70	21.58	<=33.01	Pass
		75	0	21.33	-0.70	20.63	<=33.01	Pass
	2562.5	1	0	23.46	-0.70	22.76	<=33.01	Pass
			38	23.48	-0.70	22.78	<=33.01	Pass
			74	23.49	-0.70	22.79	<=33.01	Pass
		36	0	22.30	-0.70	21.60	<=33.01	Pass
			18	22.26	-0.70	21.56	<=33.01	Pass
			74	22.26	-0.70	21.56	<=33.01	Pass

			39	22.33	-0.70	21.63	<=33.01	Pass		
		75	0	21.29	-0.70	20.59	<=33.01	Pass		
256QAM	2507.5	1	0	20.30	-0.70	19.60	<=33.01	Pass		
			38	20.27	-0.70	19.57	<=33.01	Pass		
			74	20.42	-0.70	19.72	<=33.01	Pass		
		36	0	20.09	-0.70	19.39	<=33.01	Pass		
			18	20.08	-0.70	19.38	<=33.01	Pass		
			39	20.15	-0.70	19.45	<=33.01	Pass		
		75	0	19.10	-0.70	18.40	<=33.01	Pass		
		2535	1	0	20.43	-0.70	19.73	<=33.01	Pass	
				38	20.31	-0.70	19.61	<=33.01	Pass	
	74			20.20	-0.70	19.50	<=33.01	Pass		
	36		0	20.40	-0.70	19.70	<=33.01	Pass		
			18	20.33	-0.70	19.63	<=33.01	Pass		
			39	20.26	-0.70	19.56	<=33.01	Pass		
	75		0	19.32	-0.70	18.62	<=33.01	Pass		
	2562.5		1	0	20.39	-0.70	19.69	<=33.01	Pass	
				38	20.35	-0.70	19.65	<=33.01	Pass	
		74		20.40	-0.70	19.70	<=33.01	Pass		
		36	0	20.33	-0.70	19.63	<=33.01	Pass		
			18	20.32	-0.70	19.62	<=33.01	Pass		
			39	20.30	-0.70	19.60	<=33.01	Pass		
		75	0	19.32	-0.70	18.62	<=33.01	Pass		
		Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	24.90	-0.70	24.20	<=33.01	Pass
			50	25.07	-0.70	24.37	<=33.01	Pass
			99	25.25	-0.70	24.55	<=33.01	Pass
		50	0	24.06	-0.70	23.36	<=33.01	Pass
			25	24.07	-0.70	23.37	<=33.01	Pass
			50	24.16	-0.70	23.46	<=33.01	Pass
	2535	1	0	22.13	-0.70	21.43	<=33.01	Pass
			50	25.45	-0.70	24.75	<=33.01	Pass
			99	25.34	-0.70	24.64	<=33.01	Pass
		50	0	24.30	-0.70	23.60	<=33.01	Pass
			25	24.17	-0.70	23.47	<=33.01	Pass
			50	24.12	-0.70	23.42	<=33.01	Pass
	2560	1	0	22.19	-0.70	21.49	<=33.01	Pass
			50	25.34	-0.70	24.64	<=33.01	Pass
			99	25.32	-0.70	24.62	<=33.01	Pass
		50	0	24.95	-0.70	24.25	<=33.01	Pass
			25	24.13	-0.70	23.43	<=33.01	Pass
			50	24.15	-0.70	23.45	<=33.01	Pass
16QAM	2510	1	0	24.11	-0.70	23.41	<=33.01	Pass
			50	22.23	-0.70	21.53	<=33.01	Pass
			99	22.23	-0.70	21.53	<=33.01	Pass
		50	0	24.26	-0.70	23.56	<=33.01	Pass
			50	24.36	-0.70	23.66	<=33.01	Pass
			99	24.53	-0.70	23.83	<=33.01	Pass
	2535	1	0	22.94	-0.70	22.24	<=33.01	Pass
			25	23.03	-0.70	22.33	<=33.01	Pass
			50	23.16	-0.70	22.46	<=33.01	Pass
		50	0	21.15	-0.70	20.45	<=33.01	Pass
			50	24.17	-0.70	23.47	<=33.01	Pass
			99	24.17	-0.70	23.47	<=33.01	Pass

			25	23.21	-0.70	22.51	<=33.01	Pass
			50	23.12	-0.70	22.42	<=33.01	Pass
		100	0	21.29	-0.70	20.59	<=33.01	Pass
	2560	1	0	24.15	-0.70	23.45	<=33.01	Pass
			50	24.19	-0.70	23.49	<=33.01	Pass
			99	24.17	-0.70	23.47	<=33.01	Pass
		50	0	23.09	-0.70	22.39	<=33.01	Pass
			25	23.18	-0.70	22.48	<=33.01	Pass
			50	23.21	-0.70	22.51	<=33.01	Pass
		100	0	21.29	-0.70	20.59	<=33.01	Pass
64QAM	2510	1	0	23.06	-0.70	22.36	<=33.01	Pass
			50	23.20	-0.70	22.50	<=33.01	Pass
			99	23.39	-0.70	22.69	<=33.01	Pass
		50	0	22.05	-0.70	21.35	<=33.01	Pass
			25	22.10	-0.70	21.40	<=33.01	Pass
			50	22.20	-0.70	21.50	<=33.01	Pass
		100	0	20.16	-0.70	19.46	<=33.01	Pass
	2535	1	0	23.30	-0.70	22.60	<=33.01	Pass
			50	23.31	-0.70	22.61	<=33.01	Pass
			99	23.14	-0.70	22.44	<=33.01	Pass
		50	0	22.44	-0.70	21.74	<=33.01	Pass
			25	22.36	-0.70	21.66	<=33.01	Pass
			50	22.31	-0.70	21.61	<=33.01	Pass
		100	0	20.37	-0.70	19.67	<=33.01	Pass
	2560	1	0	23.08	-0.70	22.38	<=33.01	Pass
			50	23.15	-0.70	22.45	<=33.01	Pass
			99	23.13	-0.70	22.43	<=33.01	Pass
		50	0	22.33	-0.70	21.63	<=33.01	Pass
			25	22.41	-0.70	21.71	<=33.01	Pass
			50	22.36	-0.70	21.66	<=33.01	Pass
		100	0	20.37	-0.70	19.67	<=33.01	Pass
256QAM	2510	1	0	20.34	-0.70	19.64	<=33.01	Pass
			50	20.35	-0.70	19.65	<=33.01	Pass
			99	20.60	-0.70	19.90	<=33.01	Pass
		50	0	20.07	-0.70	19.37	<=33.01	Pass
			25	20.13	-0.70	19.43	<=33.01	Pass
			50	20.24	-0.70	19.54	<=33.01	Pass
		100	0	18.15	-0.70	17.45	<=33.01	Pass
	2535	1	0	20.67	-0.70	19.97	<=33.01	Pass
			50	20.53	-0.70	19.83	<=33.01	Pass
			99	20.42	-0.70	19.72	<=33.01	Pass
		50	0	20.44	-0.70	19.74	<=33.01	Pass
			25	20.37	-0.70	19.67	<=33.01	Pass
			50	20.26	-0.70	19.56	<=33.01	Pass
		100	0	18.32	-0.70	17.62	<=33.01	Pass
	2560	1	0	20.47	-0.70	19.77	<=33.01	Pass
			50	20.48	-0.70	19.78	<=33.01	Pass
			99	20.53	-0.70	19.83	<=33.01	Pass
		50	0	20.37	-0.70	19.67	<=33.01	Pass
			25	20.38	-0.70	19.68	<=33.01	Pass
			50	20.37	-0.70	19.67	<=33.01	Pass
		100	0	18.33	-0.70	17.63	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B7_10MHz

Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2535	50	0	20	LV	8.209	0.0032	-2.5 to 2.5	Pass
					NV	-4.109	-0.0016	-2.5 to 2.5	Pass
					HV	-7.344	-0.0029	-2.5 to 2.5	Pass
				-30	NV	-0.374	-0.0001	-2.5 to 2.5	Pass
				-20	NV	0.612	0.0002	-2.5 to 2.5	Pass
				-10	NV	-1.244	-0.0005	-2.5 to 2.5	Pass
				0	NV	3.549	0.0014	-2.5 to 2.5	Pass
				10	NV	0.597	0.0002	-2.5 to 2.5	Pass
				30	NV	-7.480	-0.0030	-2.5 to 2.5	Pass
				40	NV	1.773	0.0007	-2.5 to 2.5	Pass
				50	NV	-5.448	-0.0021	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.539	/	Pass
	16QAM	2535	25	0	4.553	/	Pass
	64QAM	2535	25	0	4.551	/	Pass
	256QAM	2535	25	0	4.566	/	Pass
10	QPSK	2535	50	0	9.066	/	Pass
	16QAM	2535	50	0	9.096	/	Pass
	64QAM	2535	50	0	9.059	/	Pass
	256QAM	2535	50	0	9.056	/	Pass
15	QPSK	2535	75	0	13.581	/	Pass
	16QAM	2535	75	0	13.639	/	Pass
	64QAM	2535	75	0	13.578	/	Pass
	256QAM	2535	75	0	13.566	/	Pass
20	QPSK	2535	100	0	18.138	/	Pass
	16QAM	2535	100	0	18.159	/	Pass
	64QAM	2535	100	0	18.137	/	Pass
	256QAM	2535	100	0	18.106	/	Pass

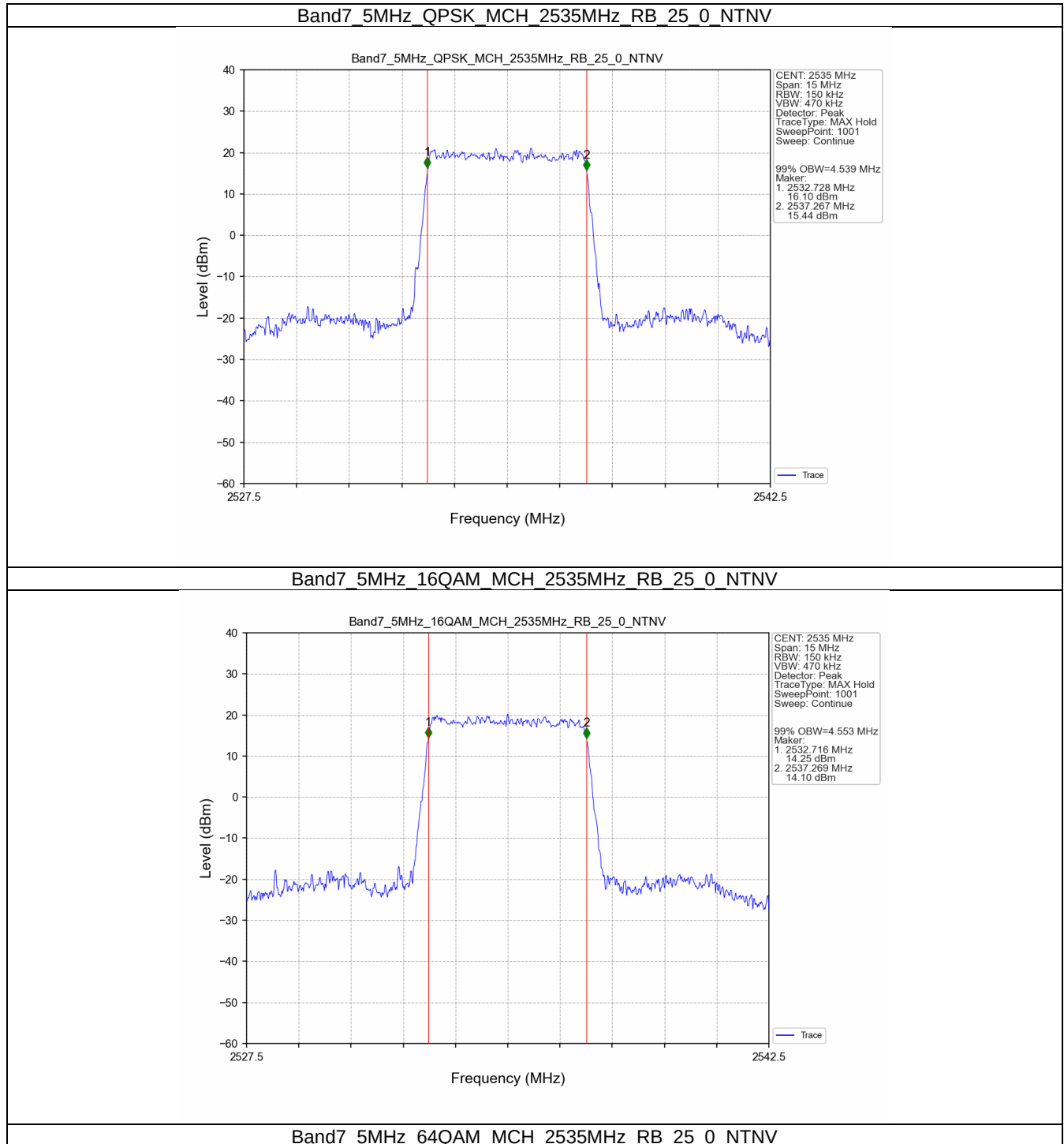
3.1.2 Band7_XDB

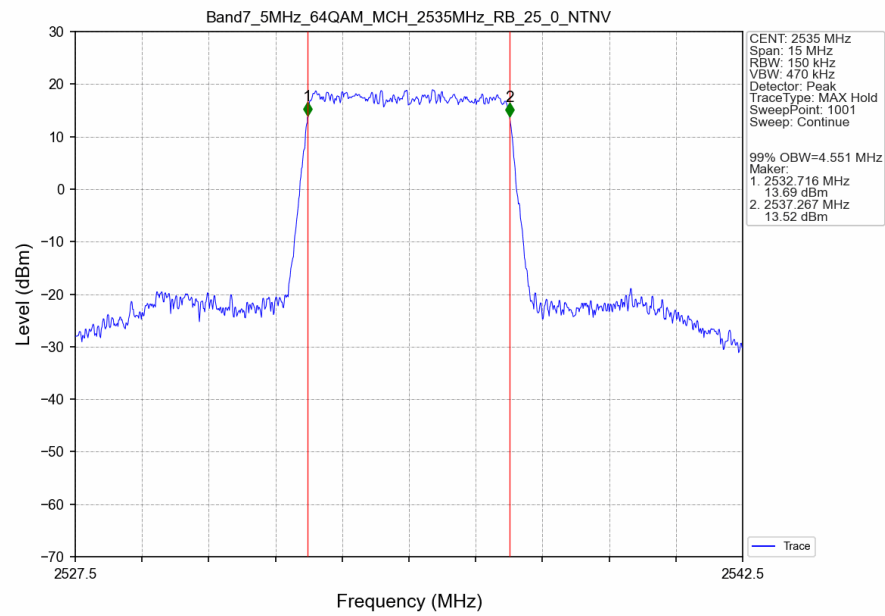
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	5.024	/	Pass
	16QAM	2535	25	0	5.101	/	Pass
	64QAM	2535	25	0	5.073	/	Pass
	256QAM	2535	25	0	5.035	/	Pass
10	QPSK	2535	50	0	10.027	/	Pass
	16QAM	2535	50	0	9.947	/	Pass
	64QAM	2535	50	0	9.934	/	Pass
	256QAM	2535	50	0	9.894	/	Pass
15	QPSK	2535	75	0	15.028	/	Pass
	16QAM	2535	75	0	14.933	/	Pass
	64QAM	2535	75	0	14.925	/	Pass
	256QAM	2535	75	0	15.012	/	Pass
20	QPSK	2535	100	0	19.790	/	Pass
	16QAM	2535	100	0	19.736	/	Pass
	64QAM	2535	100	0	19.725	/	Pass

	256QAM	2535	100	0	19.800	/	Pass
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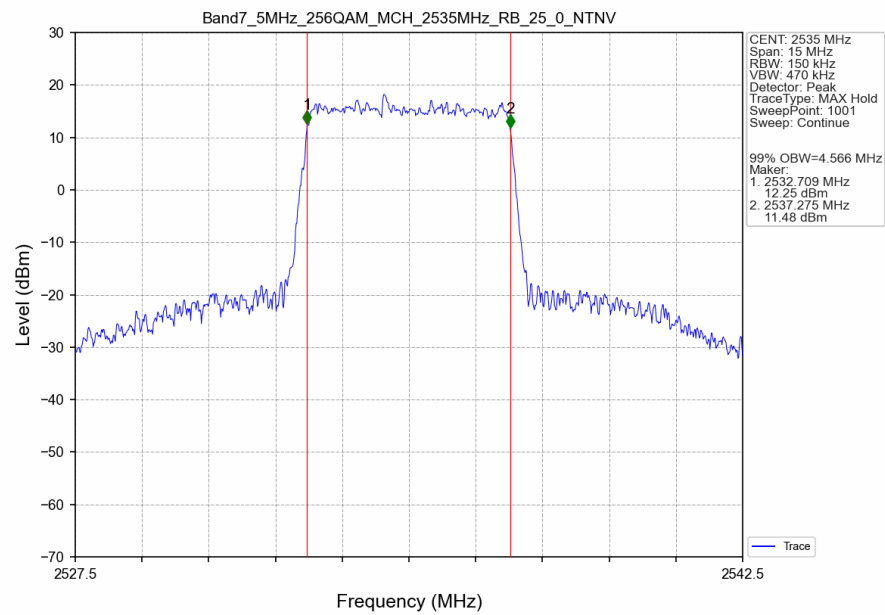
3.2 Test Graph

3.2.1 Band7_OBW

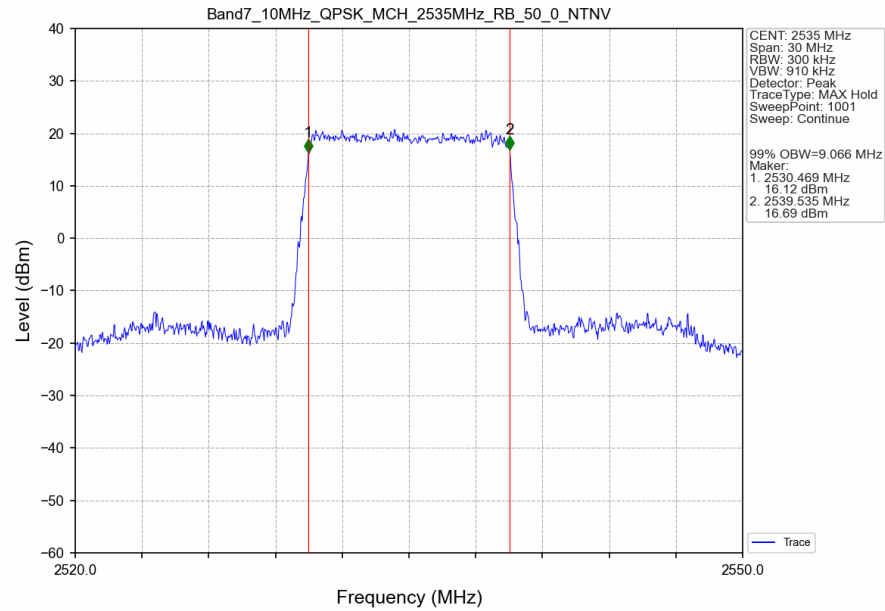




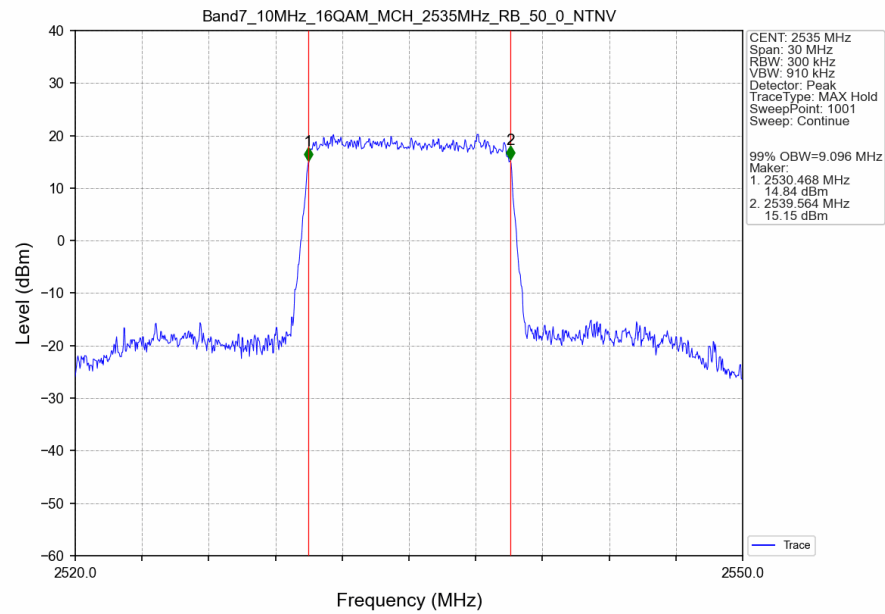
Band7_5MHz_256QAM_MCH_2535MHz_RB_25_0_NTNV

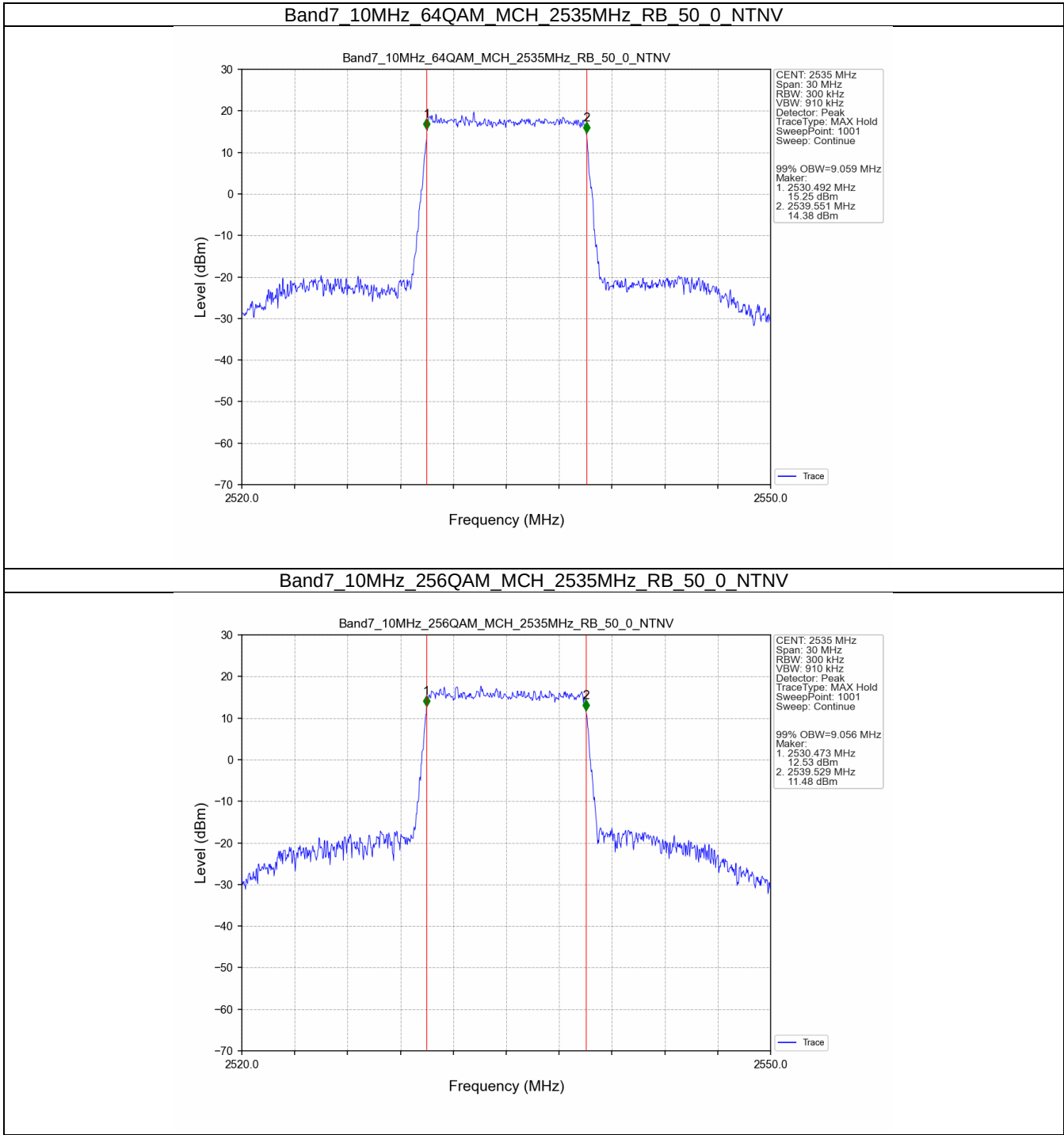


Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV

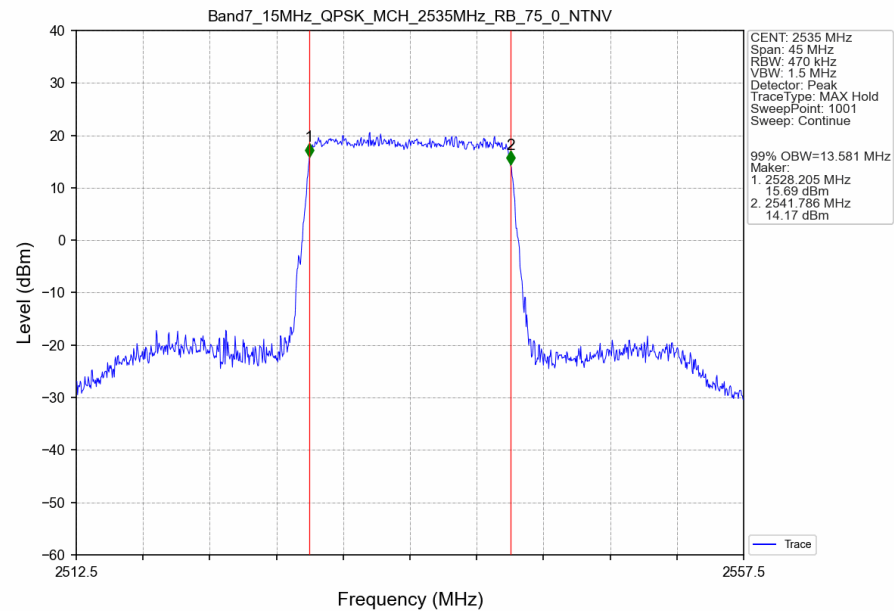


Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV

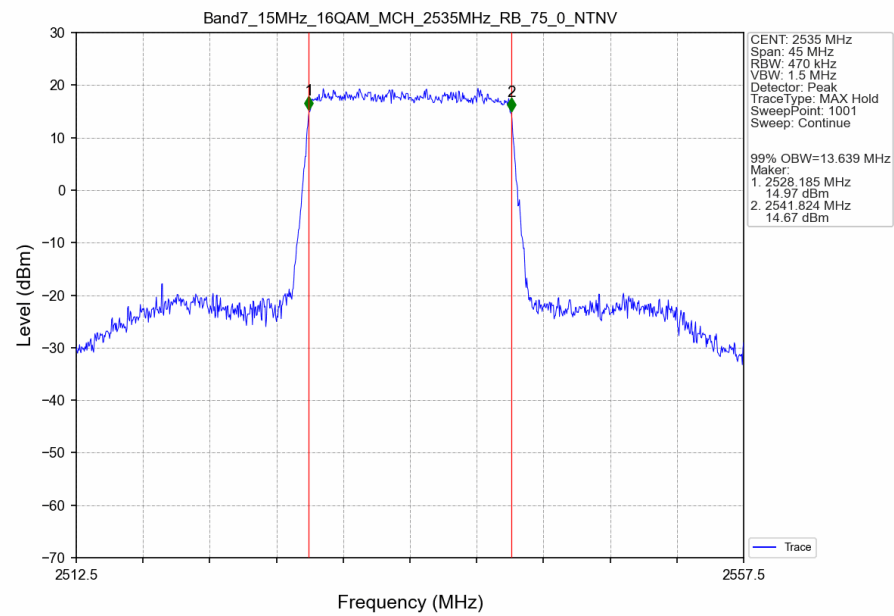




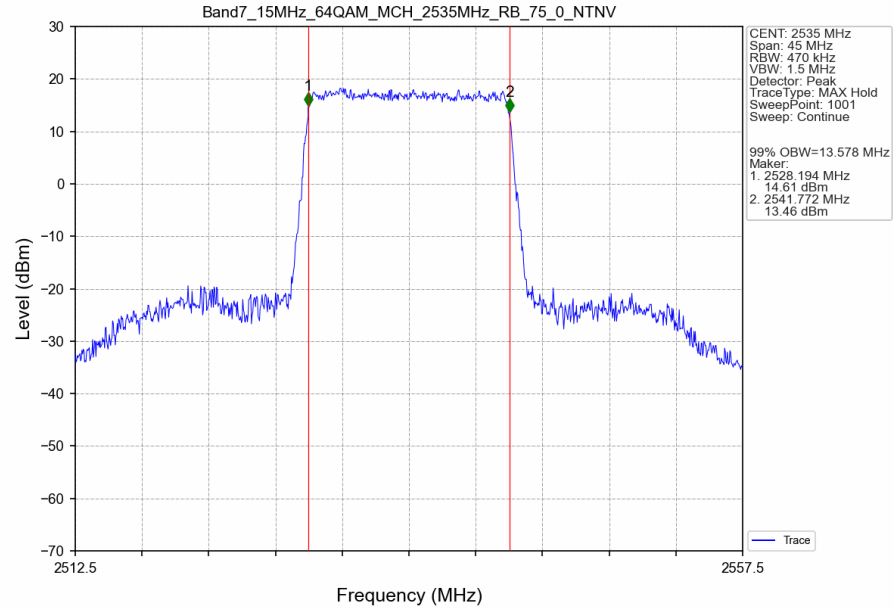
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



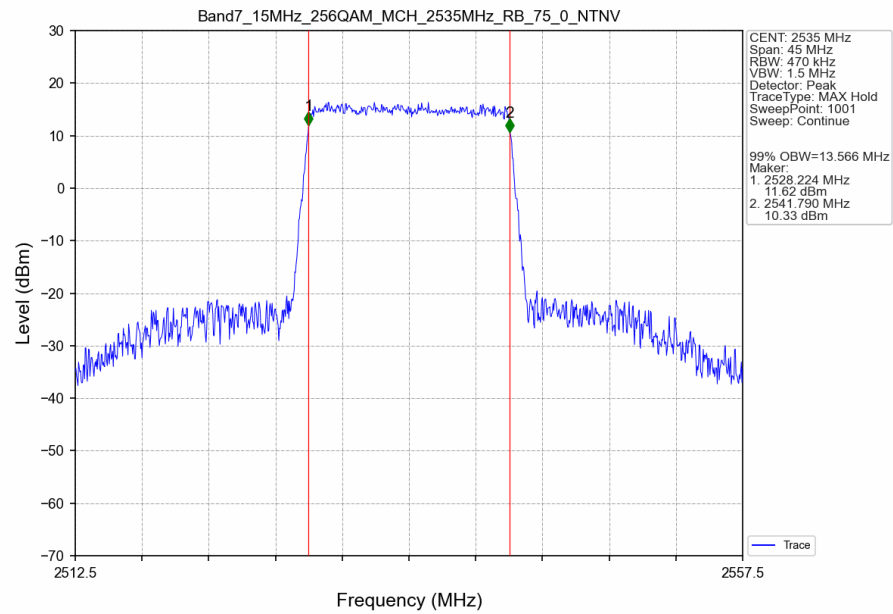
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV

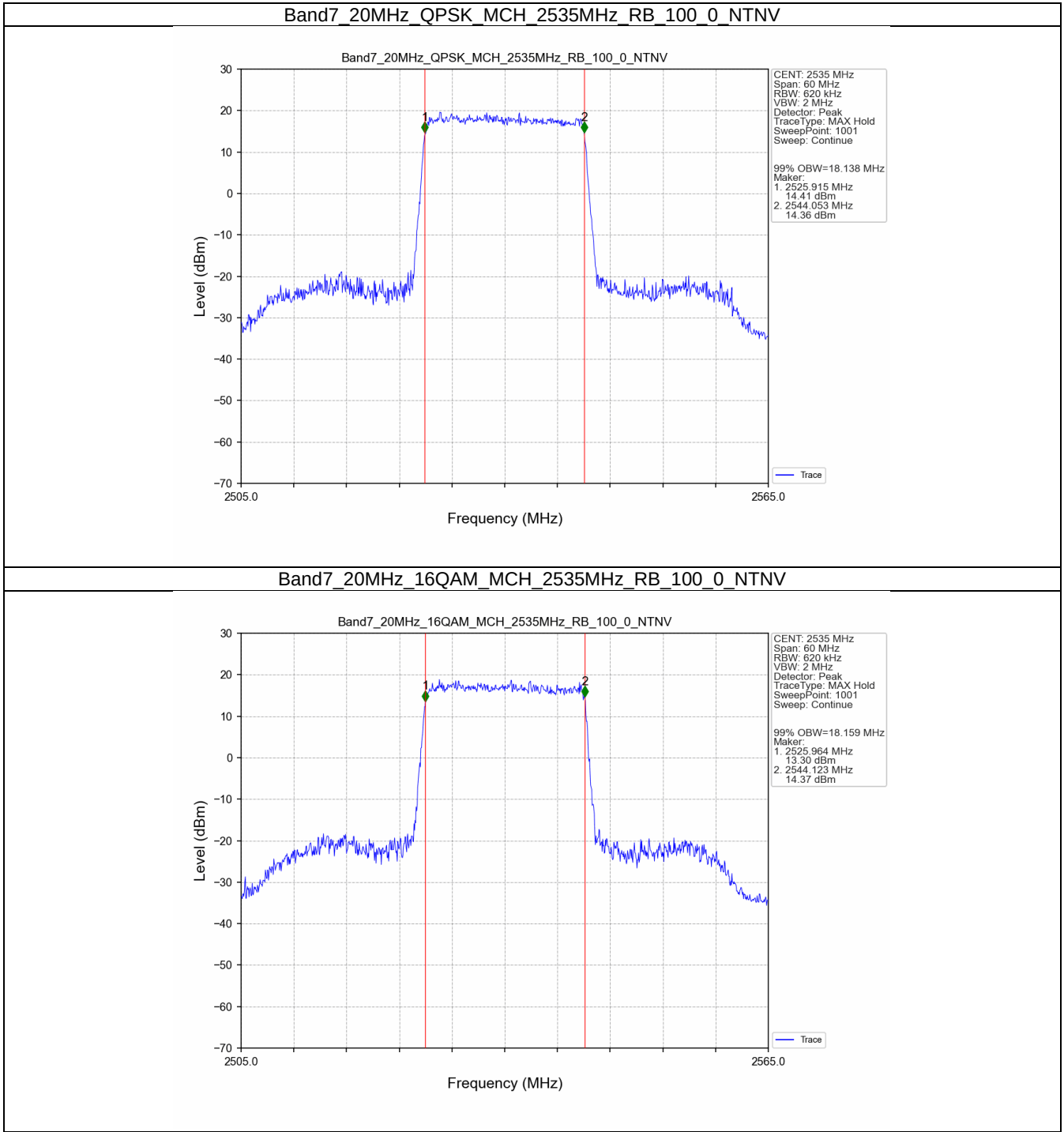


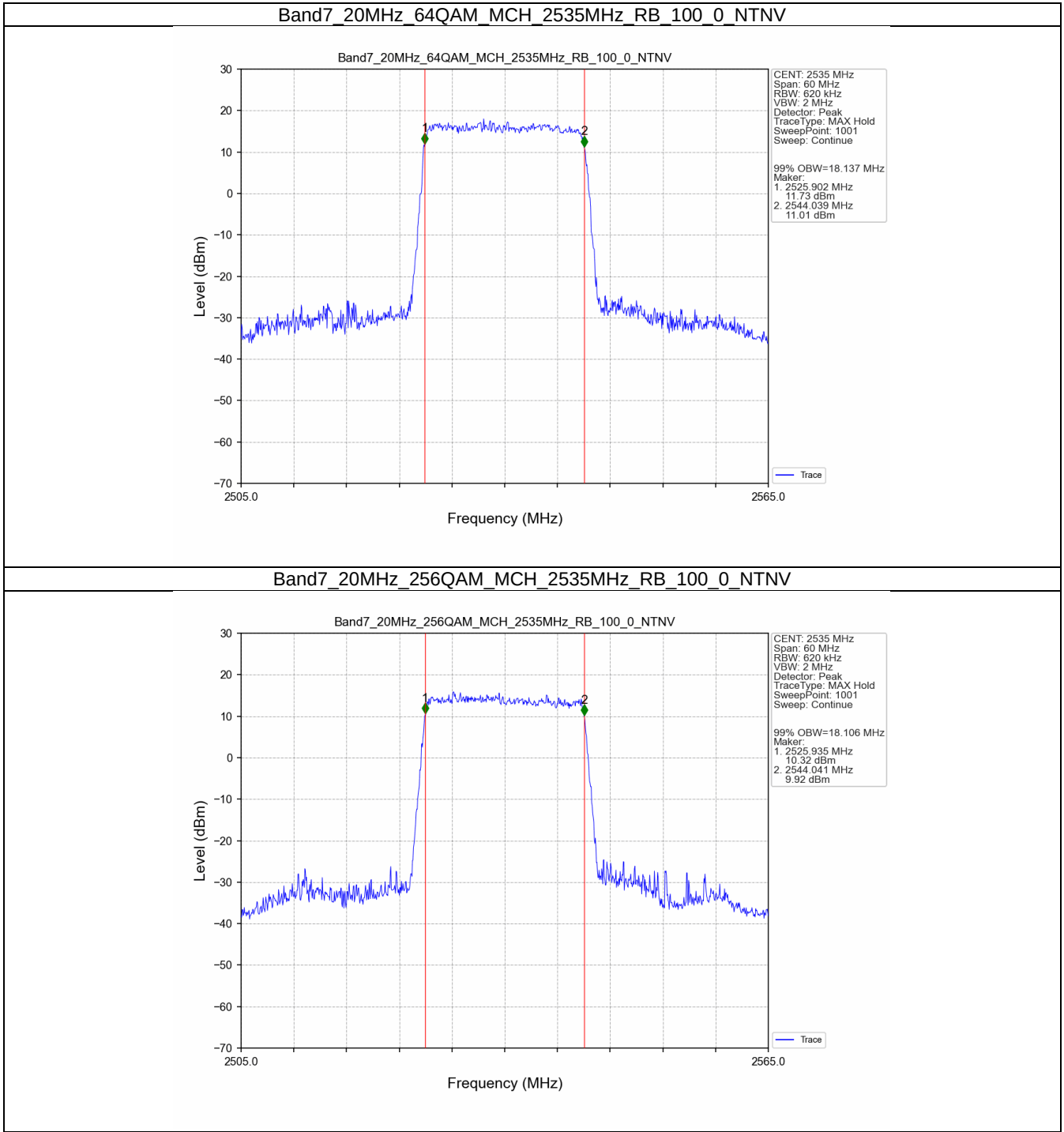
Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



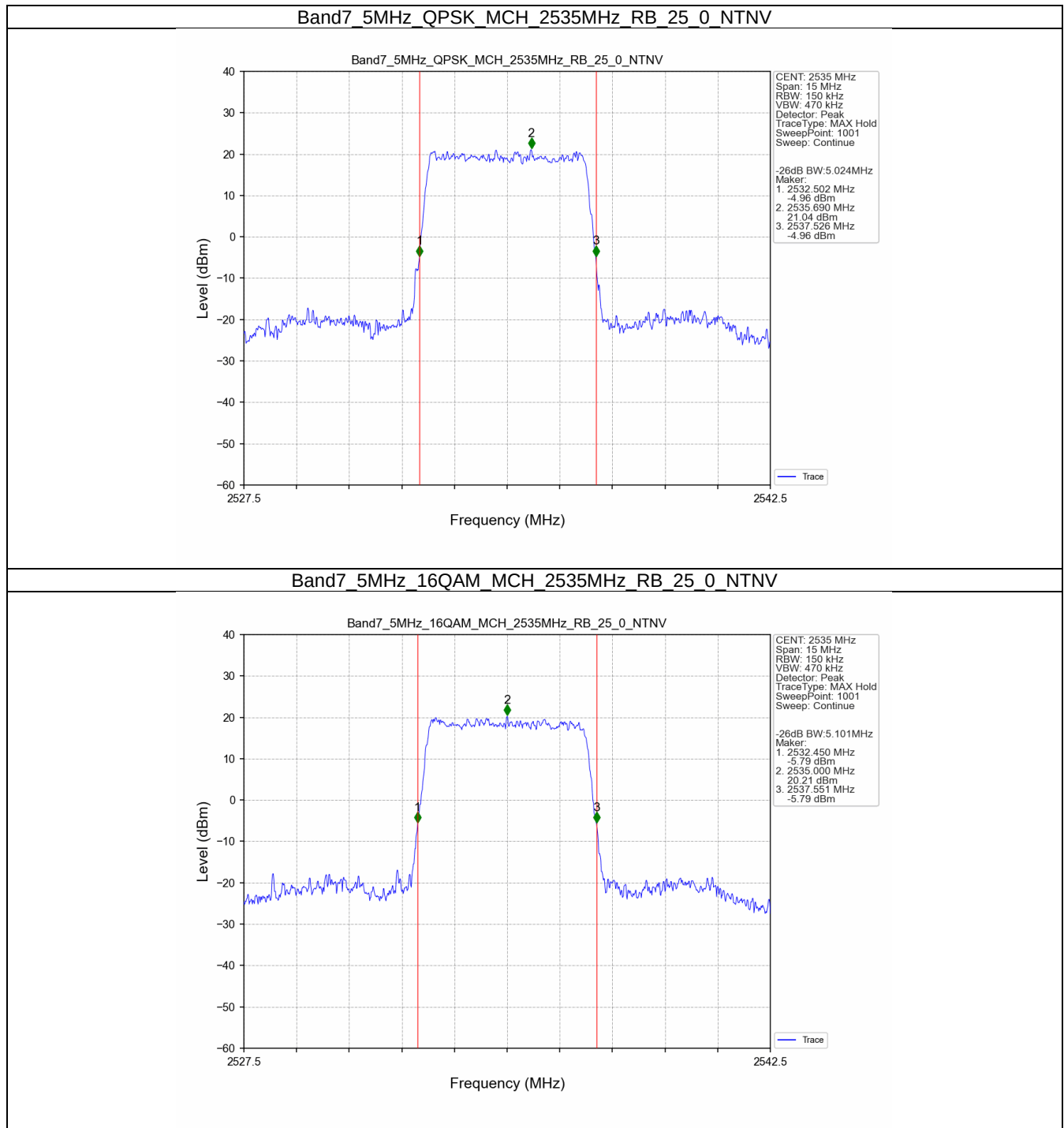
Band7_15MHz_256QAM_MCH_2535MHz_RB_75_0_NTNV



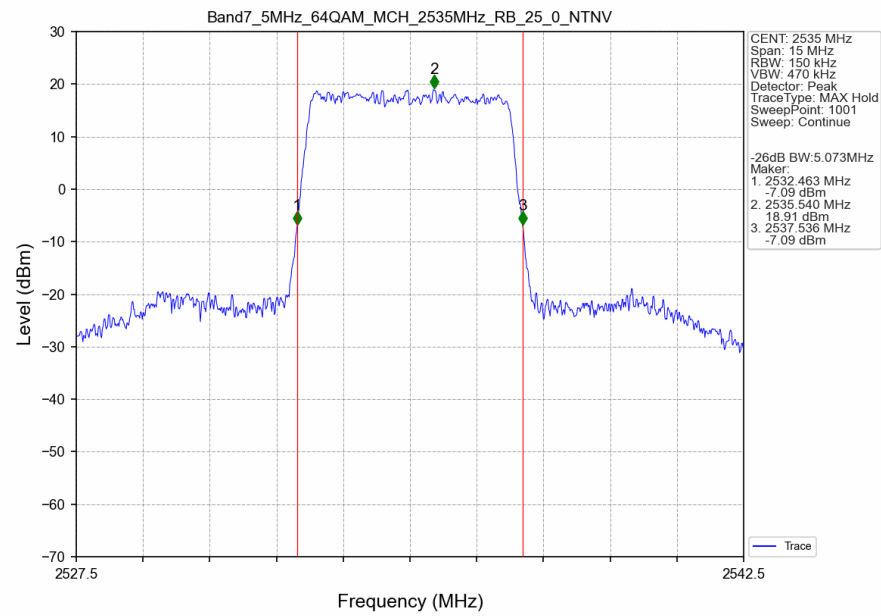




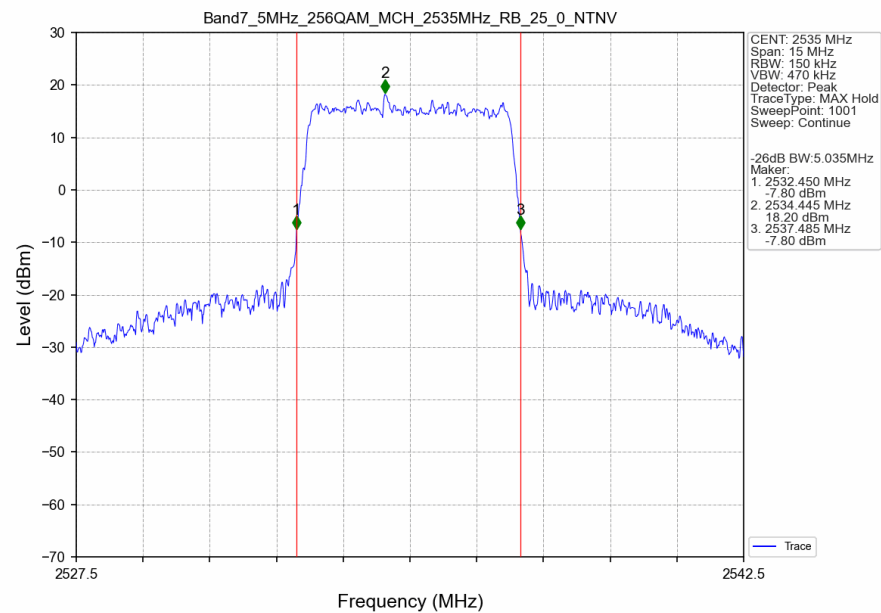
3.2.2 Band7_XDB

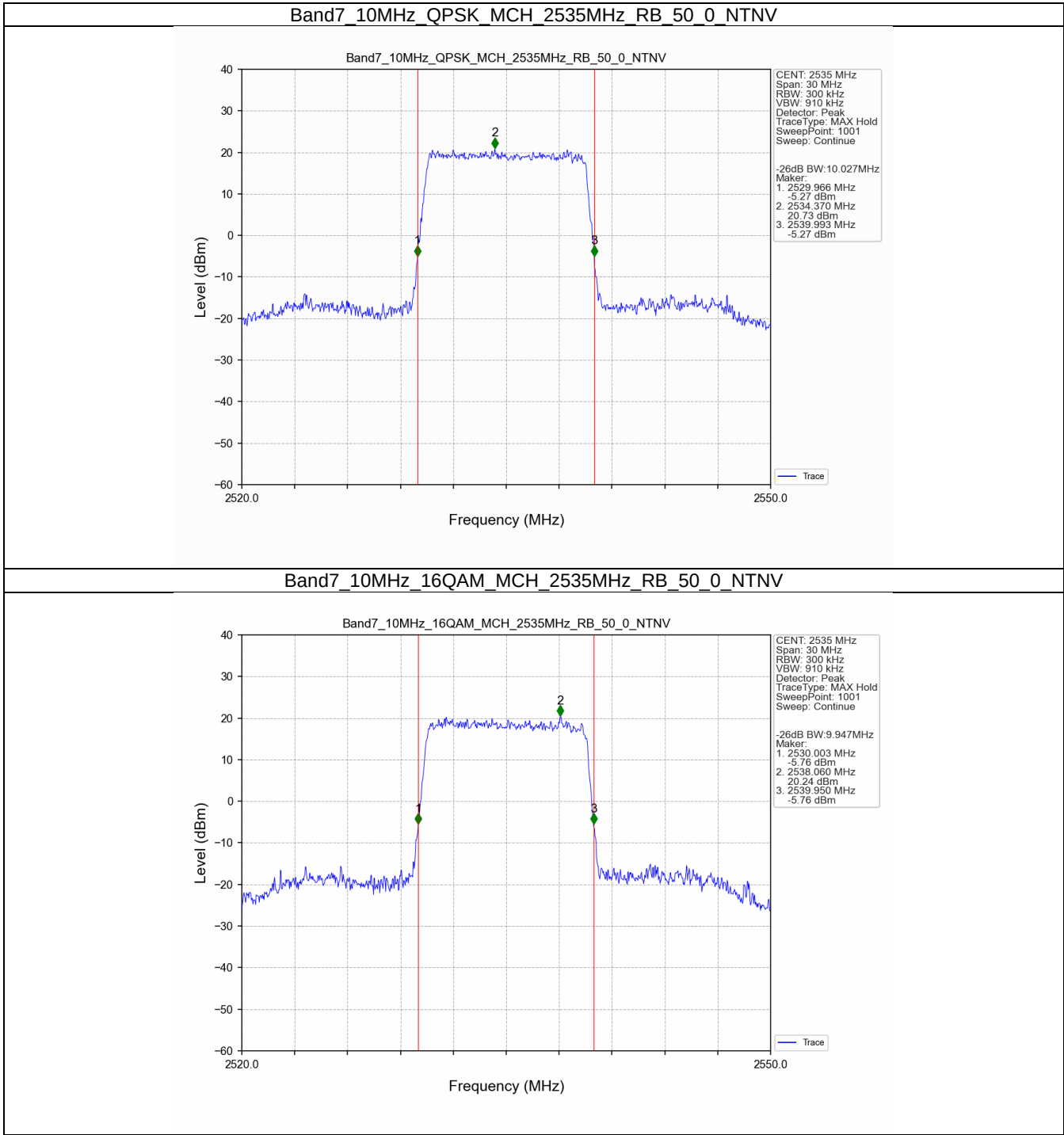


Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV

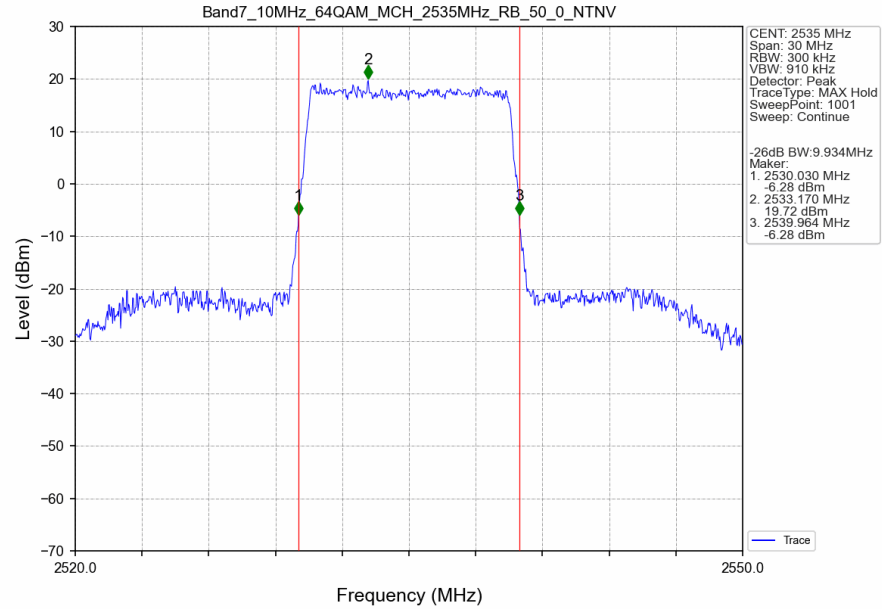


Band7_5MHz_256QAM_MCH_2535MHz_RB_25_0_NTNV

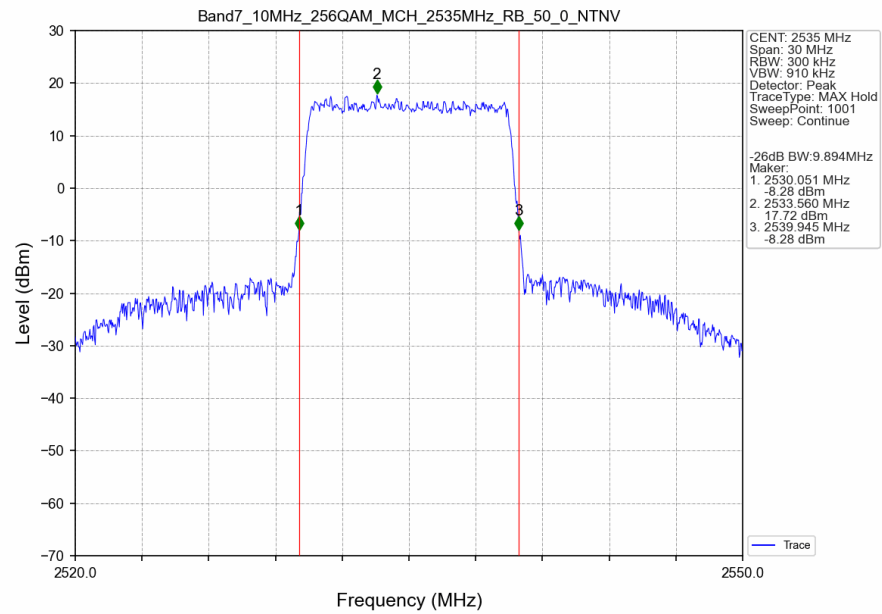


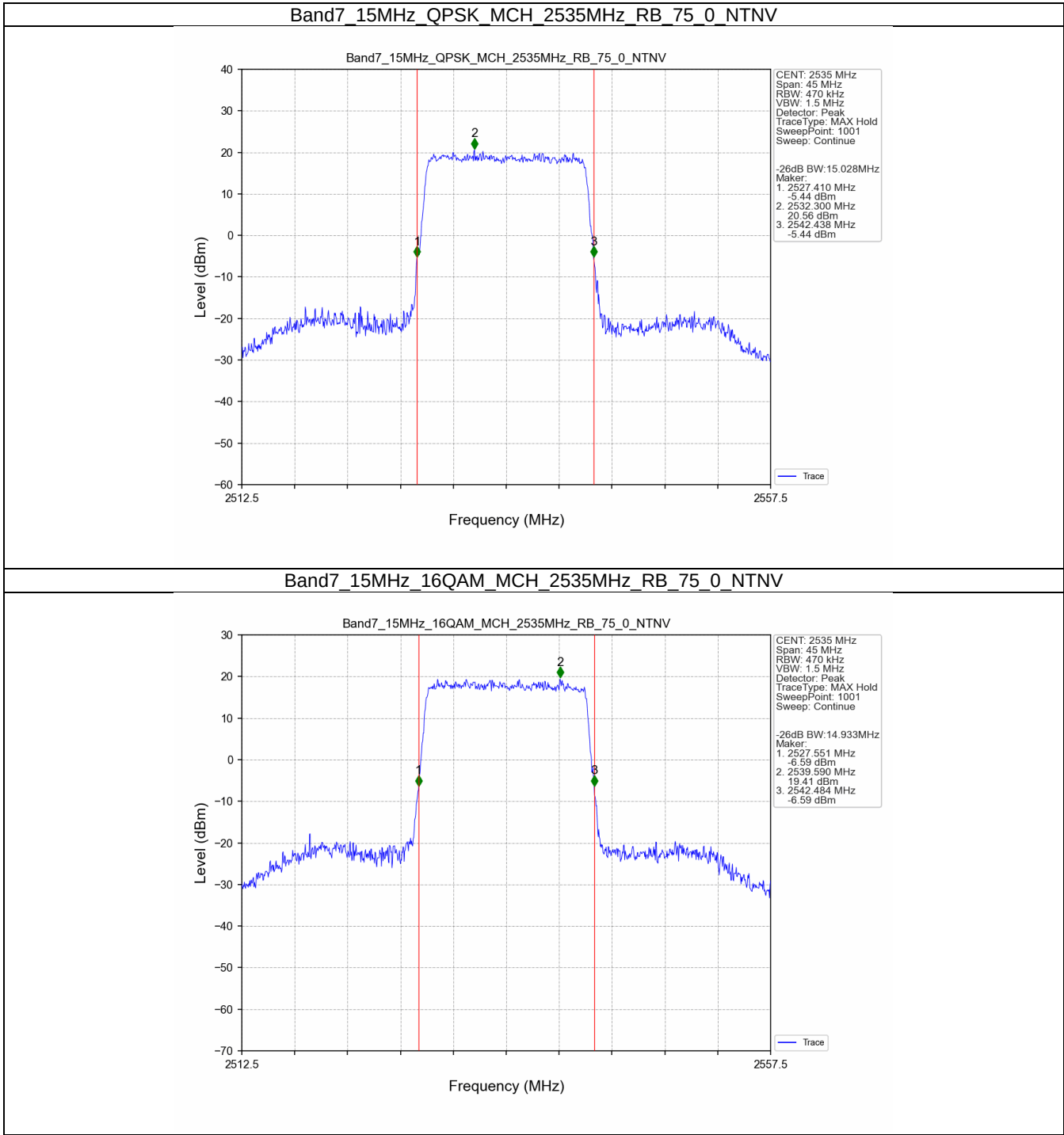


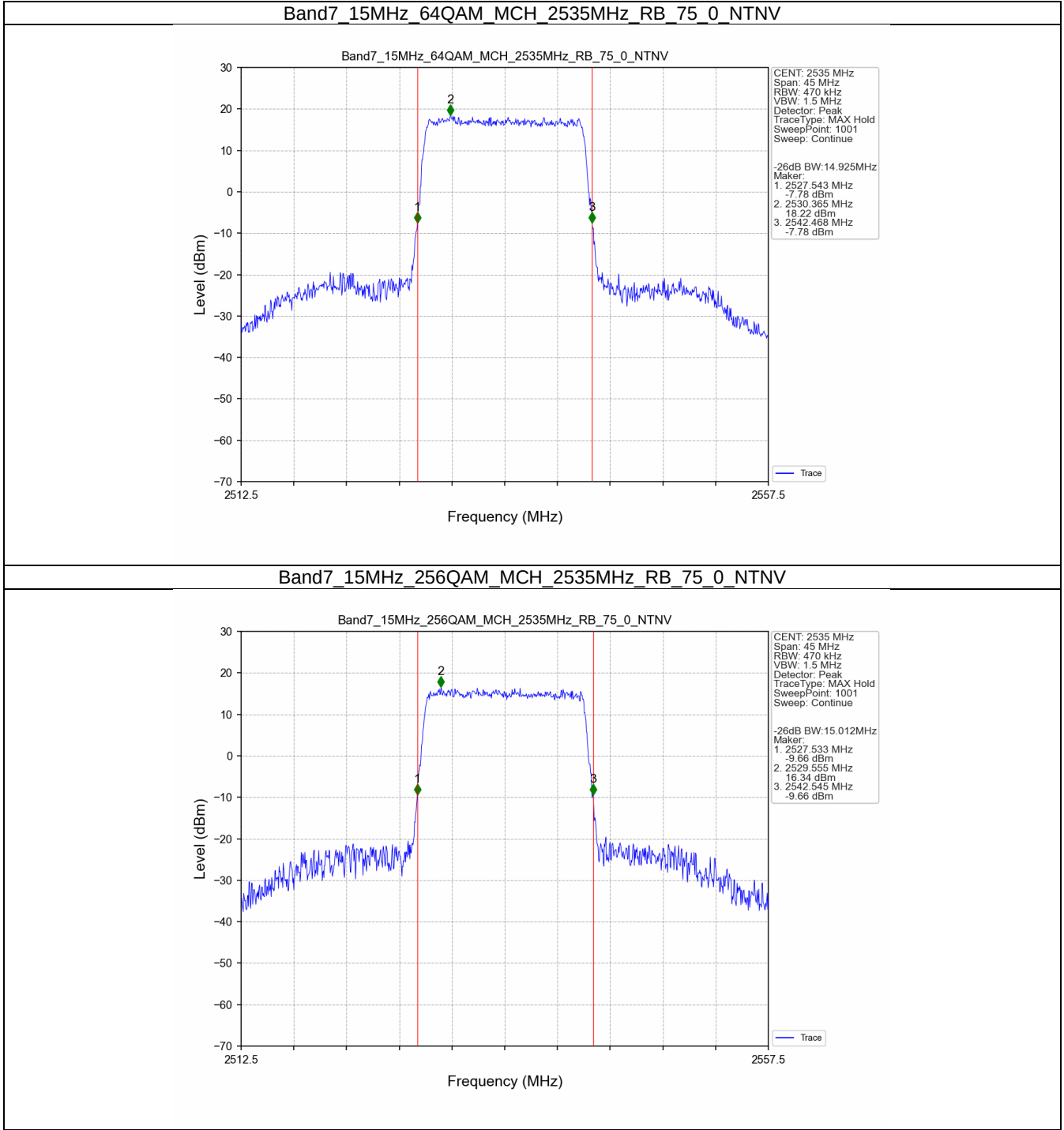
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



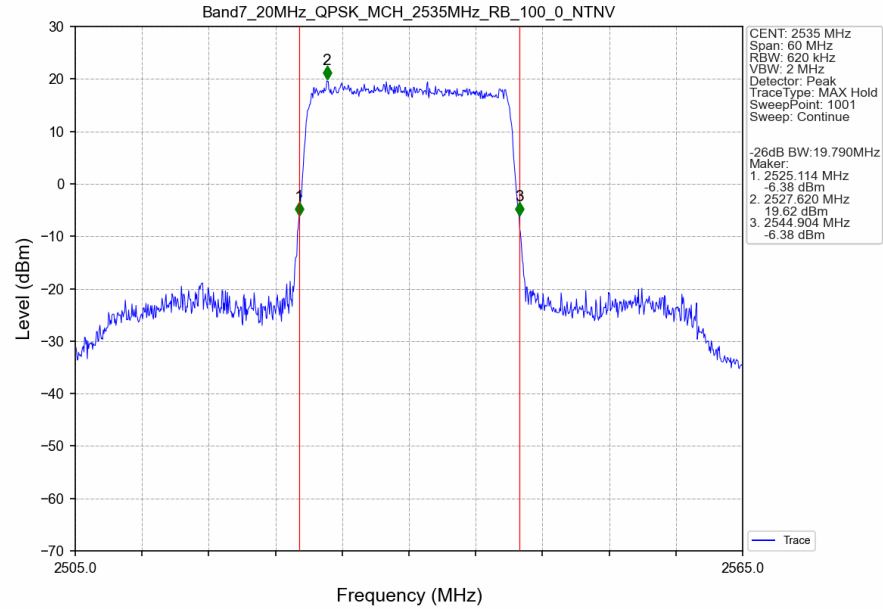
Band7_10MHz_256QAM_MCH_2535MHz_RB_50_0_NTNV



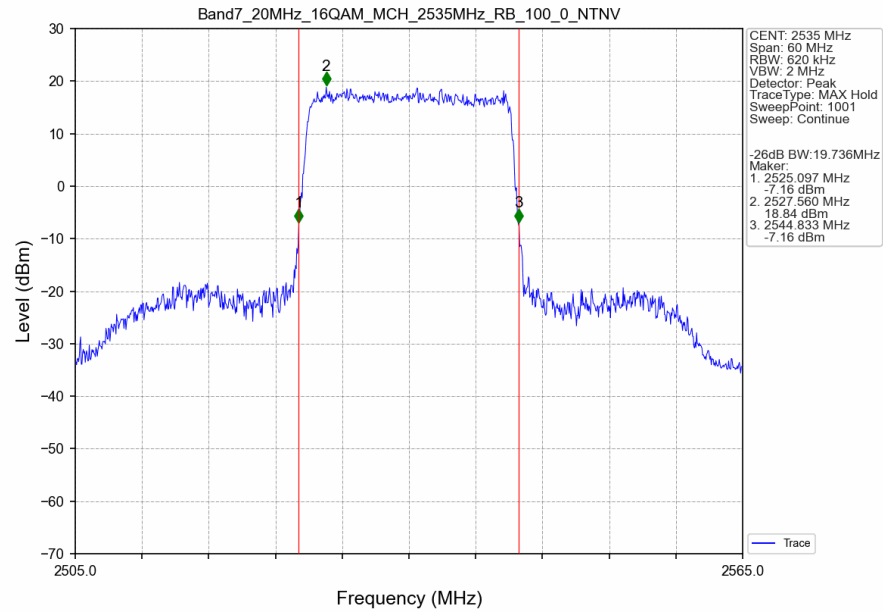


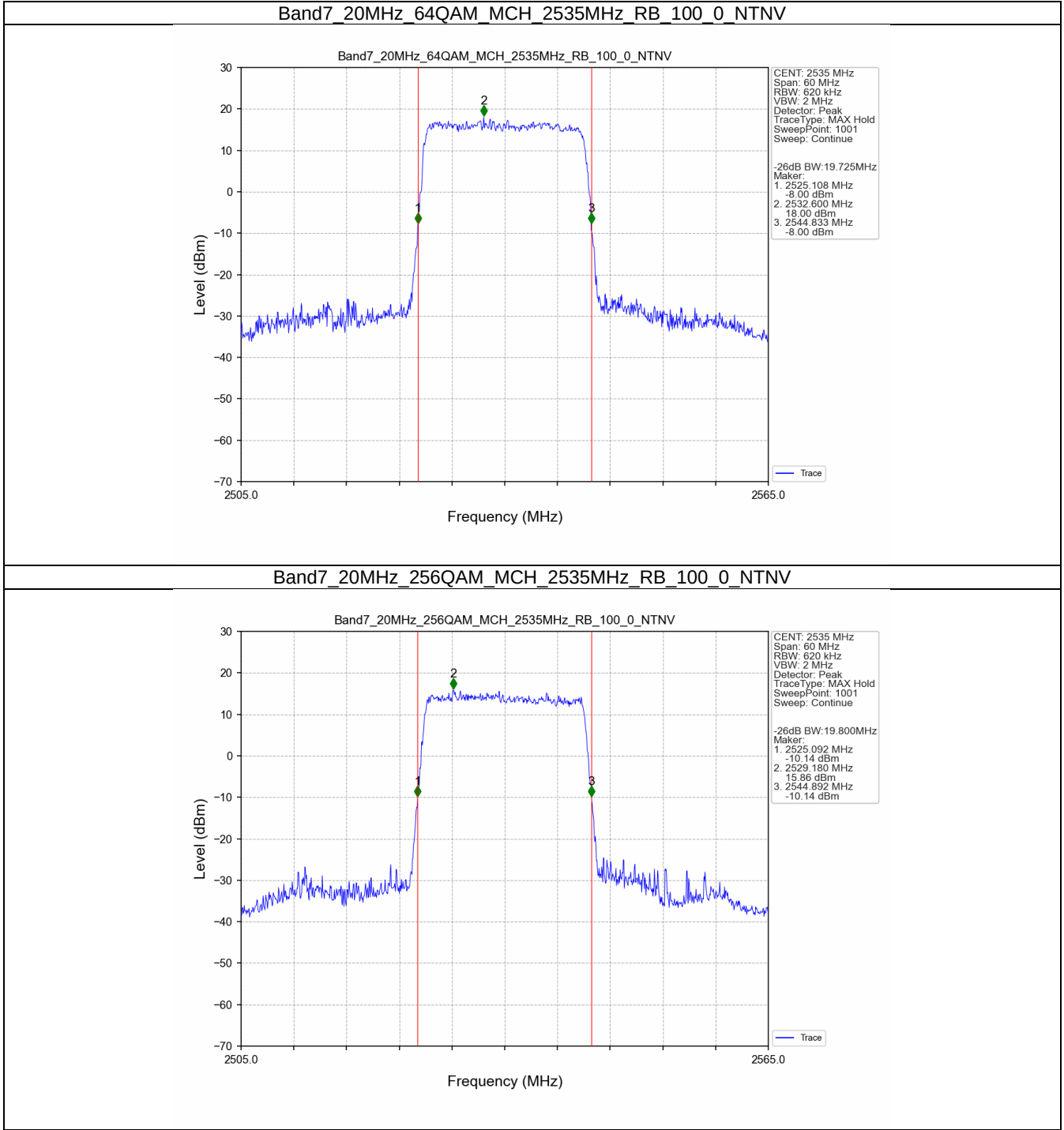


Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV





4. Peak-Average Ratio

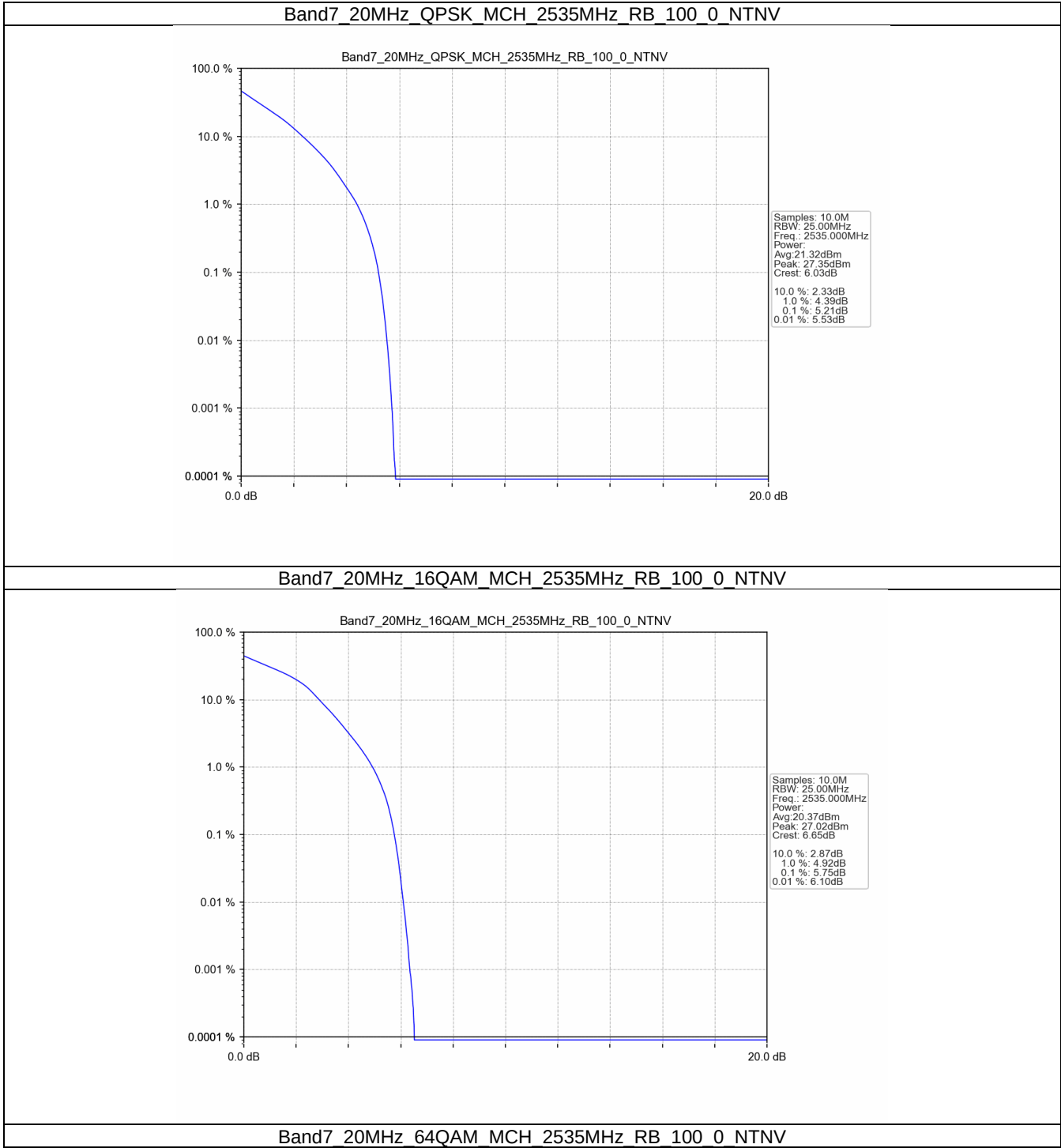
4.1 Test Result

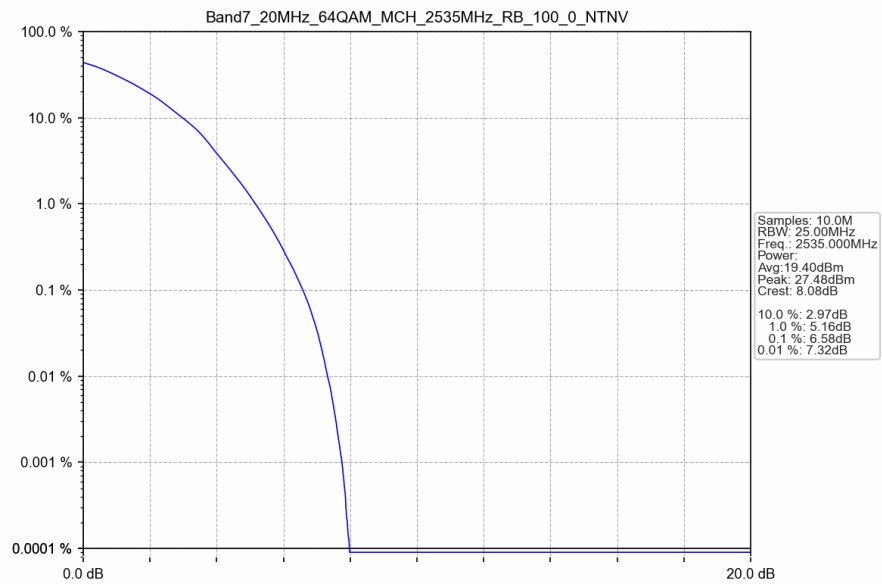
4.1.1 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	5.21	<=13	Pass
16QAM	2535	100	0	5.75	<=13	Pass
64QAM	2535	100	0	6.58	<=13	Pass
256QAM	2535	100	0	6.62	<=13	Pass

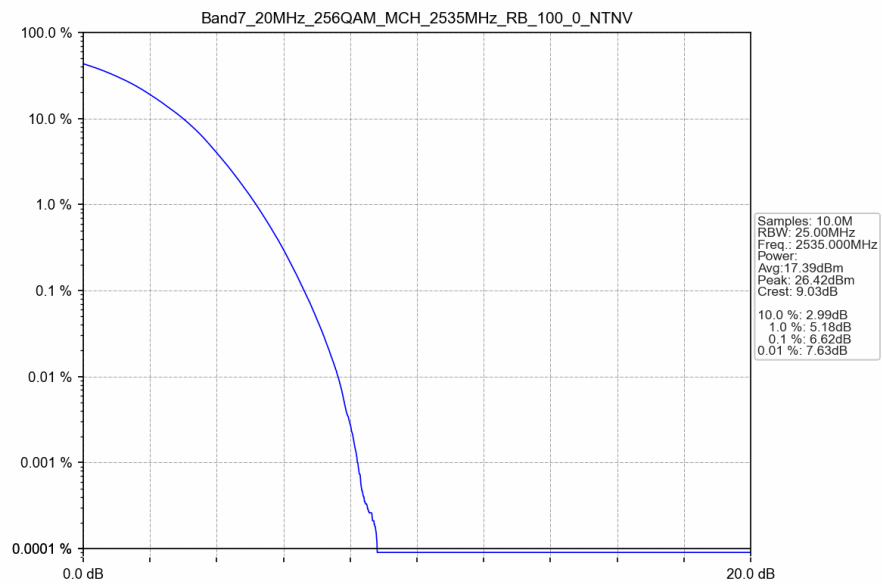
4.2 Test Graph

4.2.1 B7_20MHz





Band7_20MHz_256QAM_MCH_2535MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B7_15MHz

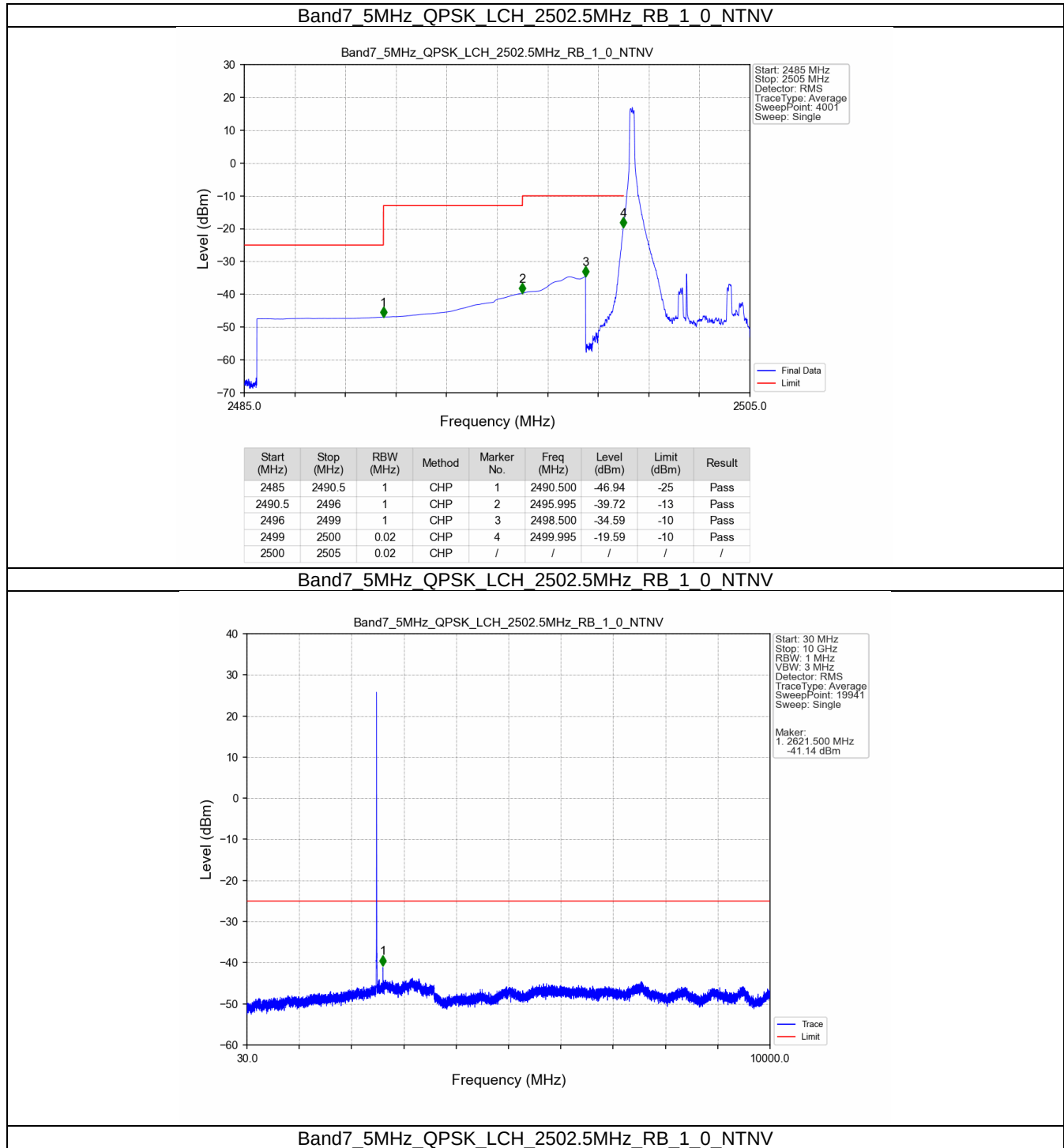
Band: 7 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

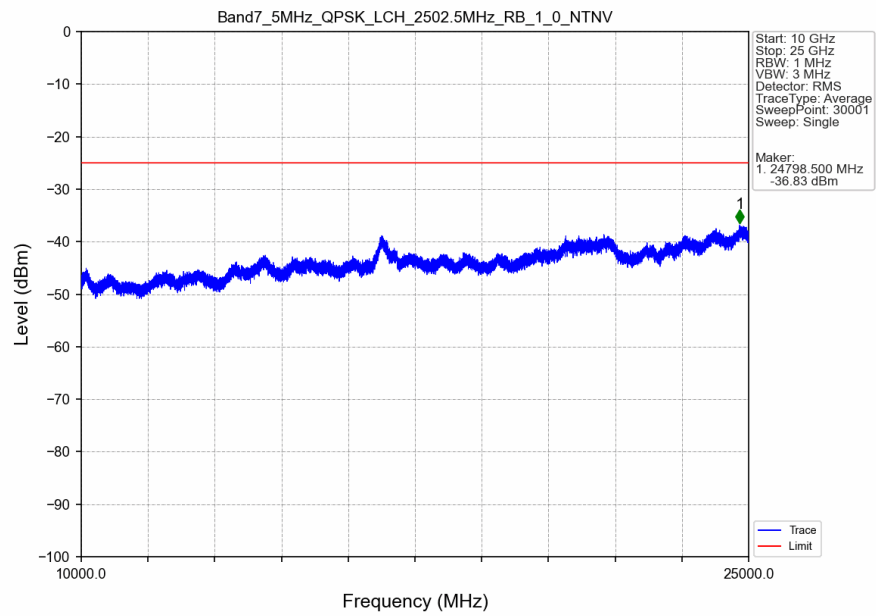
5.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

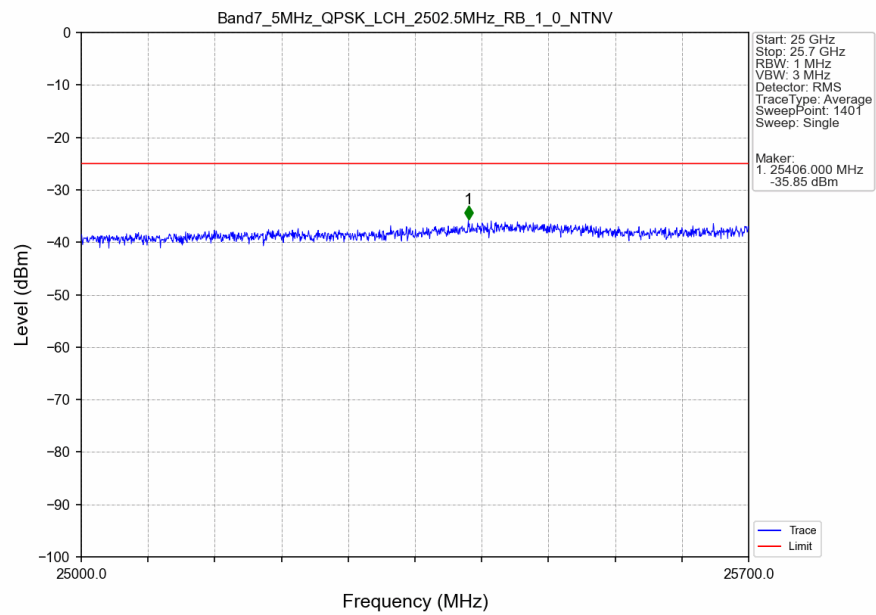
5.2 Test Graph

5.2.1 B7_5MHz

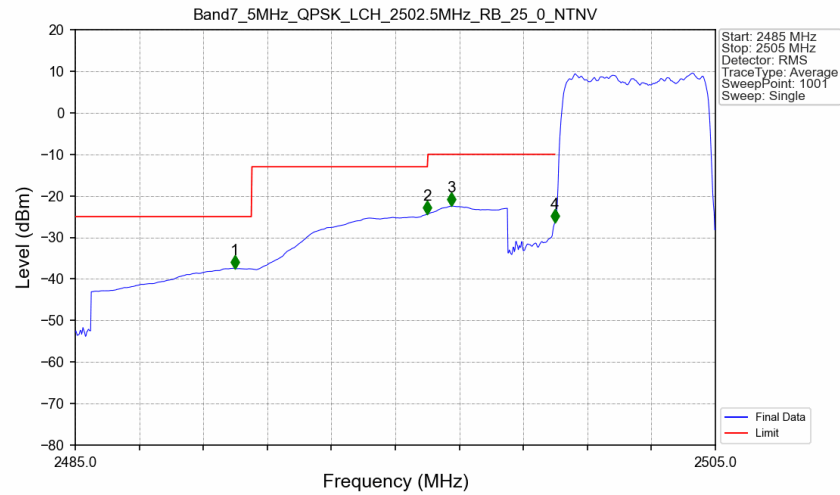




Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

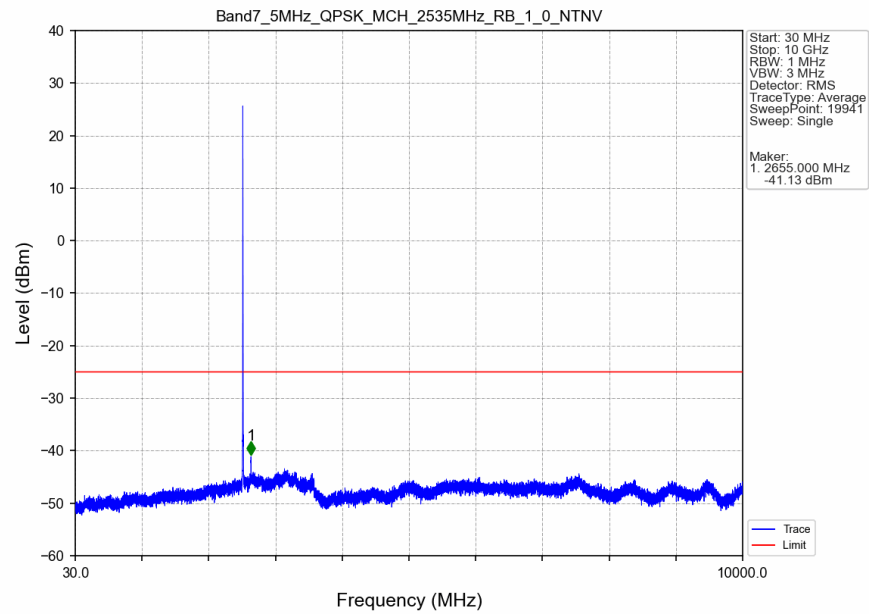


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

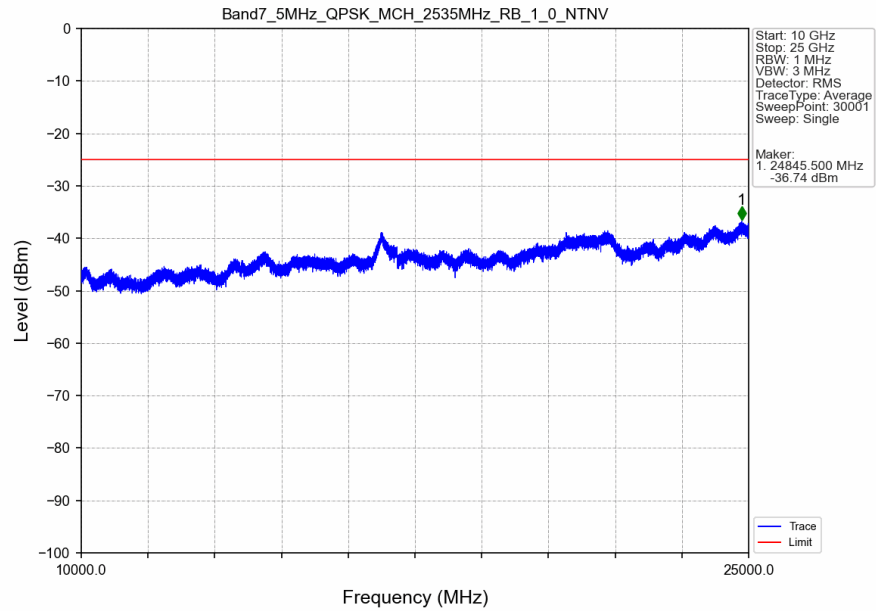


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.980	-37.42	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-24.40	-13	Pass
2496	2499	1	CHP	3	2496.760	-22.47	-10	Pass
2499	2500	0.101	CHP	4	2499.980	-26.42	-10	Pass
2500	2505	0.101	CHP	/	/	/	/	/

Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

