

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result_Ant2

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	24.27	-3.50	20.77	<=33.01	Pass
			13	24.22	-3.50	20.72	<=33.01	Pass
			24	24.22	-3.50	20.72	<=33.01	Pass
		12	0	23.19	-3.50	19.69	<=33.01	Pass
			6	23.18	-3.50	19.68	<=33.01	Pass
			13	23.19	-3.50	19.69	<=33.01	Pass
		25	0	23.21	-3.50	19.71	<=33.01	Pass
	2535	1	0	24.27	-3.50	20.77	<=33.01	Pass
			13	24.25	-3.50	20.75	<=33.01	Pass
			24	24.28	-3.50	20.78	<=33.01	Pass
		12	0	23.23	-3.50	19.73	<=33.01	Pass
			6	23.21	-3.50	19.71	<=33.01	Pass
			13	23.21	-3.50	19.71	<=33.01	Pass
		25	0	23.28	-3.50	19.78	<=33.01	Pass
	2567.5	1	0	24.35	-3.50	20.85	<=33.01	Pass
			13	24.28	-3.50	20.78	<=33.01	Pass
			24	24.20	-3.50	20.70	<=33.01	Pass
		12	0	23.32	-3.50	19.82	<=33.01	Pass
			6	23.24	-3.50	19.74	<=33.01	Pass
			13	23.24	-3.50	19.74	<=33.01	Pass
		25	0	23.28	-3.50	19.78	<=33.01	Pass
16QAM	2502.5	1	0	23.32	-3.50	19.82	<=33.01	Pass
			13	23.32	-3.50	19.82	<=33.01	Pass
			24	23.31	-3.50	19.81	<=33.01	Pass
		12	0	22.22	-3.50	18.72	<=33.01	Pass
			6	22.20	-3.50	18.70	<=33.01	Pass
			13	22.21	-3.50	18.71	<=33.01	Pass
		25	0	22.16	-3.50	18.66	<=33.01	Pass
	2535	1	0	23.19	-3.50	19.69	<=33.01	Pass
			13	23.17	-3.50	19.67	<=33.01	Pass
			24	23.18	-3.50	19.68	<=33.01	Pass
		12	0	22.34	-3.50	18.84	<=33.01	Pass
			6	22.30	-3.50	18.80	<=33.01	Pass
			13	22.29	-3.50	18.79	<=33.01	Pass
		25	0	22.34	-3.50	18.84	<=33.01	Pass
	2567.5	1	0	23.37	-3.50	19.87	<=33.01	Pass
			13	23.31	-3.50	19.81	<=33.01	Pass
			24	23.33	-3.50	19.83	<=33.01	Pass
		12	0	22.33	-3.50	18.83	<=33.01	Pass
			6	22.27	-3.50	18.77	<=33.01	Pass
			13	22.26	-3.50	18.76	<=33.01	Pass
		25	0	22.23	-3.50	18.73	<=33.01	Pass
64QAM	2502.5	1	0	22.45	-3.50	18.95	<=33.01	Pass
			13	22.46	-3.50	18.96	<=33.01	Pass
			24	22.45	-3.50	18.95	<=33.01	Pass
		12	0	21.39	-3.50	17.89	<=33.01	Pass
			6	21.38	-3.50	17.88	<=33.01	Pass
			13	21.38	-3.50	17.88	<=33.01	Pass
		25	0	21.40	-3.50	17.90	<=33.01	Pass
	2535	1	0	22.42	-3.50	18.92	<=33.01	Pass
			13	22.41	-3.50	18.91	<=33.01	Pass
			24	22.43	-3.50	18.93	<=33.01	Pass
		12	0	21.43	-3.50	17.93	<=33.01	Pass
			6	21.41	-3.50	17.91	<=33.01	Pass

	2567.5	25	13	21.39	-3.50	17.89	<=33.01	Pass
			0	21.45	-3.50	17.95	<=33.01	Pass
			0	22.49	-3.50	18.99	<=33.01	Pass
		1	13	22.44	-3.50	18.94	<=33.01	Pass
			24	22.45	-3.50	18.95	<=33.01	Pass
			0	21.45	-3.50	17.95	<=33.01	Pass
		12	6	21.43	-3.50	17.93	<=33.01	Pass
			13	21.47	-3.50	17.97	<=33.01	Pass
			0	21.46	-3.50	17.96	<=33.01	Pass
		25	0	21.46	-3.50	17.96	<=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	24.30	-3.50	20.80	<=33.01	Pass
			25	24.24	-3.50	20.74	<=33.01	Pass
			49	24.28	-3.50	20.78	<=33.01	Pass
		25	0	23.25	-3.50	19.75	<=33.01	Pass
			13	23.23	-3.50	19.73	<=33.01	Pass
			25	23.27	-3.50	19.77	<=33.01	Pass
		50	0	23.25	-3.50	19.75	<=33.01	Pass
		1	0	24.36	-3.50	20.86	<=33.01	Pass
			25	24.30	-3.50	20.80	<=33.01	Pass
			49	24.34	-3.50	20.84	<=33.01	Pass
		25	0	23.24	-3.50	19.74	<=33.01	Pass
			13	23.20	-3.50	19.70	<=33.01	Pass
			25	23.22	-3.50	19.72	<=33.01	Pass
		50	0	23.23	-3.50	19.73	<=33.01	Pass
	2565	1	0	24.30	-3.50	20.80	<=33.01	Pass
			25	24.28	-3.50	20.78	<=33.01	Pass
			49	24.13	-3.50	20.63	<=33.01	Pass
		25	0	23.25	-3.50	19.75	<=33.01	Pass
			13	23.25	-3.50	19.75	<=33.01	Pass
			25	23.23	-3.50	19.73	<=33.01	Pass
		50	0	23.24	-3.50	19.74	<=33.01	Pass
16QAM	2505	1	0	23.33	-3.50	19.83	<=33.01	Pass
			25	23.27	-3.50	19.77	<=33.01	Pass
			49	23.30	-3.50	19.80	<=33.01	Pass
		25	0	22.26	-3.50	18.76	<=33.01	Pass
			13	22.25	-3.50	18.75	<=33.01	Pass
			25	22.27	-3.50	18.77	<=33.01	Pass
		50	0	22.22	-3.50	18.72	<=33.01	Pass
		1	0	23.24	-3.50	19.74	<=33.01	Pass
			25	23.19	-3.50	19.69	<=33.01	Pass
			49	23.22	-3.50	19.72	<=33.01	Pass
		25	0	22.29	-3.50	18.79	<=33.01	Pass
			13	22.22	-3.50	18.72	<=33.01	Pass
			25	22.25	-3.50	18.75	<=33.01	Pass
		50	0	22.21	-3.50	18.71	<=33.01	Pass
	2565	1	0	23.68	-3.50	20.18	<=33.01	Pass
			25	23.65	-3.50	20.15	<=33.01	Pass
			49	23.65	-3.50	20.15	<=33.01	Pass
		25	0	22.26	-3.50	18.76	<=33.01	Pass
			13	22.24	-3.50	18.74	<=33.01	Pass
			25	22.22	-3.50	18.72	<=33.01	Pass
		50	0	22.22	-3.50	18.72	<=33.01	Pass
64QAM	2505	1	0	22.21	-3.50	18.71	<=33.01	Pass
			25	22.17	-3.50	18.67	<=33.01	Pass
			49	22.18	-3.50	18.68	<=33.01	Pass
		25	0	21.32	-3.50	17.82	<=33.01	Pass

		50	13	21.31	-3.50	17.81	<=33.01	Pass
			25	21.33	-3.50	17.83	<=33.01	Pass
			0	21.36	-3.50	17.86	<=33.01	Pass
	2535	1	0	22.68	-3.50	19.18	<=33.01	Pass
			25	22.62	-3.50	19.12	<=33.01	Pass
			49	22.67	-3.50	19.17	<=33.01	Pass
		25	0	21.37	-3.50	17.87	<=33.01	Pass
			13	21.34	-3.50	17.84	<=33.01	Pass
			25	21.35	-3.50	17.85	<=33.01	Pass
		50	0	21.31	-3.50	17.81	<=33.01	Pass
	2565	1	0	22.44	-3.50	18.94	<=33.01	Pass
			25	22.41	-3.50	18.91	<=33.01	Pass
			49	22.40	-3.50	18.90	<=33.01	Pass
		25	0	21.38	-3.50	17.88	<=33.01	Pass
			13	21.36	-3.50	17.86	<=33.01	Pass
			25	21.37	-3.50	17.87	<=33.01	Pass
		50	0	21.32	-3.50	17.82	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	24.29	-3.50	20.79	<=33.01	Pass
			38	24.30	-3.50	20.80	<=33.01	Pass
			74	24.27	-3.50	20.77	<=33.01	Pass
		36	0	23.24	-3.50	19.74	<=33.01	Pass
			18	23.24	-3.50	19.74	<=33.01	Pass
			39	23.24	-3.50	19.74	<=33.01	Pass
		75	0	23.26	-3.50	19.76	<=33.01	Pass
	2535	1	0	24.39	-3.50	20.89	<=33.01	Pass
			38	24.39	-3.50	20.89	<=33.01	Pass
			74	24.31	-3.50	20.81	<=33.01	Pass
		36	0	23.23	-3.50	19.73	<=33.01	Pass
			18	23.21	-3.50	19.71	<=33.01	Pass
			39	23.20	-3.50	19.70	<=33.01	Pass
		75	0	23.24	-3.50	19.74	<=33.01	Pass
	2562.5	1	0	24.30	-3.50	20.80	<=33.01	Pass
			38	24.32	-3.50	20.82	<=33.01	Pass
			74	24.27	-3.50	20.77	<=33.01	Pass
		36	0	23.21	-3.50	19.71	<=33.01	Pass
			18	23.21	-3.50	19.71	<=33.01	Pass
			39	23.21	-3.50	19.71	<=33.01	Pass
		75	0	23.26	-3.50	19.76	<=33.01	Pass
16QAM	2507.5	1	0	23.34	-3.50	19.84	<=33.01	Pass
			38	23.34	-3.50	19.84	<=33.01	Pass
			74	23.30	-3.50	19.80	<=33.01	Pass
		36	0	22.24	-3.50	18.74	<=33.01	Pass
			18	22.22	-3.50	18.72	<=33.01	Pass
			39	22.23	-3.50	18.73	<=33.01	Pass
		75	0	22.30	-3.50	18.80	<=33.01	Pass
	2535	1	0	23.25	-3.50	19.75	<=33.01	Pass
			38	23.26	-3.50	19.76	<=33.01	Pass
			74	23.21	-3.50	19.71	<=33.01	Pass
		36	0	22.24	-3.50	18.74	<=33.01	Pass
			18	22.22	-3.50	18.72	<=33.01	Pass
			39	22.22	-3.50	18.72	<=33.01	Pass
		75	0	22.26	-3.50	18.76	<=33.01	Pass
	2562.5	1	0	23.23	-3.50	19.73	<=33.01	Pass
			38	23.23	-3.50	19.73	<=33.01	Pass
			74	23.19	-3.50	19.69	<=33.01	Pass

64QAM		36	0	22.22	-3.50	18.72	<=33.01	Pass
			18	22.22	-3.50	18.72	<=33.01	Pass
			39	22.23	-3.50	18.73	<=33.01	Pass
	2507.5	75	0	22.30	-3.50	18.80	<=33.01	Pass
			0	22.23	-3.50	18.73	<=33.01	Pass
			38	22.24	-3.50	18.74	<=33.01	Pass
		1	74	22.18	-3.50	18.68	<=33.01	Pass
			0	21.35	-3.50	17.85	<=33.01	Pass
			18	21.36	-3.50	17.86	<=33.01	Pass
		36	39	21.33	-3.50	17.83	<=33.01	Pass
			0	21.39	-3.50	17.89	<=33.01	Pass
			74	22.65	-3.50	19.15	<=33.01	Pass
	2535	75	0	22.72	-3.50	19.22	<=33.01	Pass
			38	22.71	-3.50	19.21	<=33.01	Pass
			74	22.65	-3.50	19.15	<=33.01	Pass
		1	0	21.35	-3.50	17.85	<=33.01	Pass
			18	21.32	-3.50	17.82	<=33.01	Pass
			39	21.31	-3.50	17.81	<=33.01	Pass
		36	0	21.36	-3.50	17.86	<=33.01	Pass
			0	22.41	-3.50	18.91	<=33.01	Pass
			38	22.42	-3.50	18.92	<=33.01	Pass
	2562.5	1	74	22.35	-3.50	18.85	<=33.01	Pass
			0	21.39	-3.50	17.89	<=33.01	Pass
			18	21.36	-3.50	17.86	<=33.01	Pass
		36	39	21.35	-3.50	17.85	<=33.01	Pass
			0	21.37	-3.50	17.87	<=33.01	Pass
			74	22.35	-3.50	18.85	<=33.01	Pass
		75	0	21.37	-3.50	17.87	<=33.01	Pass
			74	22.35	-3.50	18.85	<=33.01	Pass
			39	21.35	-3.50	17.85	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	24.31	-3.50	20.81	<=33.01	Pass
			50	24.34	-3.50	20.84	<=33.01	Pass
			99	24.25	-3.50	20.75	<=33.01	Pass
		50	0	23.30	-3.50	19.80	<=33.01	Pass
			25	23.30	-3.50	19.80	<=33.01	Pass
			50	23.30	-3.50	19.80	<=33.01	Pass
		100	0	23.30	-3.50	19.80	<=33.01	Pass
			0	24.32	-3.50	20.82	<=33.01	Pass
			50	24.34	-3.50	20.84	<=33.01	Pass
	2535	1	99	24.25	-3.50	20.75	<=33.01	Pass
			0	23.33	-3.50	19.83	<=33.01	Pass
			25	23.29	-3.50	19.79	<=33.01	Pass
		50	50	23.26	-3.50	19.76	<=33.01	Pass
			0	23.27	-3.50	19.77	<=33.01	Pass
			0	24.29	-3.50	20.79	<=33.01	Pass
		100	50	24.29	-3.50	20.79	<=33.01	Pass
			99	24.13	-3.50	20.63	<=33.01	Pass
			0	23.28	-3.50	19.78	<=33.01	Pass
	2560	50	25	23.29	-3.50	19.79	<=33.01	Pass
			50	23.27	-3.50	19.77	<=33.01	Pass
			0	23.28	-3.50	19.78	<=33.01	Pass
		100	0	23.28	-3.50	19.78	<=33.01	Pass
			0	23.70	-3.50	20.20	<=33.01	Pass
			50	23.75	-3.50	20.25	<=33.01	Pass
		1	99	23.66	-3.50	20.16	<=33.01	Pass
			0	22.28	-3.50	18.78	<=33.01	Pass
			25	22.29	-3.50	18.79	<=33.01	Pass
16QAM	2510	50	50	22.28	-3.50	18.78	<=33.01	Pass
			0	22.26	-3.50	18.76	<=33.01	Pass
			0	23.18	-3.50	19.68	<=33.01	Pass
		1	50	23.22	-3.50	19.72	<=33.01	Pass
			0	23.18	-3.50	19.68	<=33.01	Pass
			50	23.22	-3.50	19.72	<=33.01	Pass

64QAM		50	99	23.14	-3.50	19.64	<=33.01	Pass
			0	22.28	-3.50	18.78	<=33.01	Pass
			25	22.27	-3.50	18.77	<=33.01	Pass
			50	22.23	-3.50	18.73	<=33.01	Pass
	2560	100	0	22.30	-3.50	18.80	<=33.01	Pass
			0	23.36	-3.50	19.86	<=33.01	Pass
			50	23.39	-3.50	19.89	<=33.01	Pass
		1	99	23.29	-3.50	19.79	<=33.01	Pass
			0	22.23	-3.50	18.73	<=33.01	Pass
			25	22.26	-3.50	18.76	<=33.01	Pass
			50	22.23	-3.50	18.73	<=33.01	Pass
		50	0	22.28	-3.50	18.78	<=33.01	Pass
			0	22.47	-3.50	18.97	<=33.01	Pass
			50	22.52	-3.50	19.02	<=33.01	Pass
		1	99	22.44	-3.50	18.94	<=33.01	Pass
			0	21.29	-3.50	17.79	<=33.01	Pass
			25	21.30	-3.50	17.80	<=33.01	Pass
		50	50	21.28	-3.50	17.78	<=33.01	Pass
			0	21.35	-3.50	17.85	<=33.01	Pass
64QAM	2510	1	0	22.30	-3.50	18.80	<=33.01	Pass
			50	22.32	-3.50	18.82	<=33.01	Pass
			99	22.24	-3.50	18.74	<=33.01	Pass
		50	0	21.43	-3.50	17.93	<=33.01	Pass
			25	21.40	-3.50	17.90	<=33.01	Pass
			50	21.36	-3.50	17.86	<=33.01	Pass
		100	0	21.39	-3.50	17.89	<=33.01	Pass
			0	22.23	-3.50	18.73	<=33.01	Pass
			50	22.26	-3.50	18.76	<=33.01	Pass
		1	99	22.15	-3.50	18.65	<=33.01	Pass
			0	21.40	-3.50	17.90	<=33.01	Pass
			25	21.39	-3.50	17.89	<=33.01	Pass
	2535	50	50	21.37	-3.50	17.87	<=33.01	Pass
			0	21.33	-3.50	17.83	<=33.01	Pass
		100	0	22.23	-3.50	18.73	<=33.01	Pass
			50	22.26	-3.50	18.76	<=33.01	Pass
			99	22.15	-3.50	18.65	<=33.01	Pass
		1	0	21.40	-3.50	17.90	<=33.01	Pass
			25	21.39	-3.50	17.89	<=33.01	Pass
			50	21.37	-3.50	17.87	<=33.01	Pass
		50	0	21.33	-3.50	17.83	<=33.01	Pass
			25	21.30	-3.50	17.80	<=33.01	Pass
			50	21.28	-3.50	17.78	<=33.01	Pass
		100	0	21.35	-3.50	17.85	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.2 Test Result_Ant1

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	23.34	-2.00	21.34	<=33.01	Pass
			13	23.28	-2.00	21.28	<=33.01	Pass
			24	23.27	-2.00	21.27	<=33.01	Pass
		12	0	22.19	-2.00	20.19	<=33.01	Pass
			6	22.18	-2.00	20.18	<=33.01	Pass
			13	22.17	-2.00	20.17	<=33.01	Pass
		25	0	22.21	-2.00	20.21	<=33.01	Pass
			0	22.93	-2.00	20.93	<=33.01	Pass
			13	22.96	-2.00	20.96	<=33.01	Pass
	2535	1	24	22.93	-2.00	20.93	<=33.01	Pass
			0	22.41	-2.00	20.41	<=33.01	Pass
			6	22.29	-2.00	20.29	<=33.01	Pass
		12	13	22.26	-2.00	20.26	<=33.01	Pass
			0	22.35	-2.00	20.35	<=33.01	Pass
			0	23.23	-2.00	21.23	<=33.01	Pass
		1	13	22.91	-2.00	20.91	<=33.01	Pass
			24	22.98	-2.00	20.98	<=33.01	Pass
			0	22.71	-2.00	20.71	<=33.01	Pass
	2567.5	12	6	22.68	-2.00	20.68	<=33.01	Pass
			13	22.54	-2.00	20.54	<=33.01	Pass
		1	0	23.34	-2.00	21.34	<=33.01	Pass
			13	23.28	-2.00	21.28	<=33.01	Pass
			24	23.27	-2.00	21.27	<=33.01	Pass
		12	0	22.19	-2.00	20.19	<=33.01	Pass

		25	0	22.73	-2.00	20.73	<=33.01	Pass	
16QAM	2502.5	1	0	22.13	-2.00	20.13	<=33.01	Pass	
			13	22.06	-2.00	20.06	<=33.01	Pass	
			24	22.05	-2.00	20.05	<=33.01	Pass	
			0	21.22	-2.00	19.22	<=33.01	Pass	
		12	6	21.21	-2.00	19.21	<=33.01	Pass	
			13	21.22	-2.00	19.22	<=33.01	Pass	
			25	0	21.24	-2.00	19.24	<=33.01	Pass
		2535	1	0	22.72	-2.00	20.72	<=33.01	Pass
				13	22.48	-2.00	20.48	<=33.01	Pass
	24			22.45	-2.00	20.45	<=33.01	Pass	
	0			21.53	-2.00	19.53	<=33.01	Pass	
	12		6	21.49	-2.00	19.49	<=33.01	Pass	
			13	21.47	-2.00	19.47	<=33.01	Pass	
			25	0	21.47	-2.00	19.47	<=33.01	Pass
	2567.5		1	0	22.78	-2.00	20.78	<=33.01	Pass
				13	22.68	-2.00	20.68	<=33.01	Pass
		24		22.48	-2.00	20.48	<=33.01	Pass	
		0		21.74	-2.00	19.74	<=33.01	Pass	
		12	6	21.69	-2.00	19.69	<=33.01	Pass	
			13	21.72	-2.00	19.72	<=33.01	Pass	
			25	0	21.74	-2.00	19.74	<=33.01	Pass
64QAM		2502.5	1	0	21.22	-2.00	19.22	<=33.01	Pass
				13	21.14	-2.00	19.14	<=33.01	Pass
	24			21.13	-2.00	19.13	<=33.01	Pass	
	12		0	20.39	-2.00	18.39	<=33.01	Pass	
			6	20.39	-2.00	18.39	<=33.01	Pass	
			13	20.35	-2.00	18.35	<=33.01	Pass	
	25		0	20.31	-2.00	18.31	<=33.01	Pass	
	2535	1	0	21.87	-2.00	19.87	<=33.01	Pass	
			13	21.81	-2.00	19.81	<=33.01	Pass	
			24	21.80	-2.00	19.80	<=33.01	Pass	
			0	20.58	-2.00	18.58	<=33.01	Pass	
		12	6	20.54	-2.00	18.54	<=33.01	Pass	
			13	20.51	-2.00	18.51	<=33.01	Pass	
		25	0	20.56	-2.00	18.56	<=33.01	Pass	
	2567.5	1	0	21.92	-2.00	19.92	<=33.01	Pass	
			13	21.89	-2.00	19.89	<=33.01	Pass	
			24	21.98	-2.00	19.98	<=33.01	Pass	
		12	0	20.93	-2.00	18.93	<=33.01	Pass	
			6	20.93	-2.00	18.93	<=33.01	Pass	
			13	20.97	-2.00	18.97	<=33.01	Pass	
		25	0	20.92	-2.00	18.92	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.2.2 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	23.31	-2.00	21.31	<=33.01	Pass
			25	23.20	-2.00	21.20	<=33.01	Pass
			49	23.27	-2.00	21.27	<=33.01	Pass
		25	0	22.18	-2.00	20.18	<=33.01	Pass
			13	22.16	-2.00	20.16	<=33.01	Pass
			25	22.23	-2.00	20.23	<=33.01	Pass
		50	0	22.21	-2.00	20.21	<=33.01	Pass
	2535	1	0	22.94	-2.00	20.94	<=33.01	Pass
			25	22.92	-2.00	20.92	<=33.01	Pass
			49	23.17	-2.00	21.17	<=33.01	Pass
		25	0	22.29	-2.00	20.29	<=33.01	Pass
			13	22.19	-2.00	20.19	<=33.01	Pass

			25	22.16	-2.00	20.16	<=33.01	Pass	
		50	0	22.20	-2.00	20.20	<=33.01	Pass	
	2565	1	0	23.51	-2.00	21.51	<=33.01	Pass	
			25	22.91	-2.00	20.91	<=33.01	Pass	
			49	22.93	-2.00	20.93	<=33.01	Pass	
		25	0	22.72	-2.00	20.72	<=33.01	Pass	
			13	22.72	-2.00	20.72	<=33.01	Pass	
			25	22.58	-2.00	20.58	<=33.01	Pass	
50	0	22.72	-2.00	20.72	<=33.01	Pass			
16QAM	2505	1	0	22.85	-2.00	20.85	<=33.01	Pass	
			25	22.74	-2.00	20.74	<=33.01	Pass	
			49	22.77	-2.00	20.77	<=33.01	Pass	
		25	0	21.24	-2.00	19.24	<=33.01	Pass	
			13	21.20	-2.00	19.20	<=33.01	Pass	
			25	21.26	-2.00	19.26	<=33.01	Pass	
		50	0	21.20	-2.00	19.20	<=33.01	Pass	
	2535	1	0	22.49	-2.00	20.49	<=33.01	Pass	
			25	22.27	-2.00	20.27	<=33.01	Pass	
			49	22.25	-2.00	20.25	<=33.01	Pass	
		25	0	21.53	-2.00	19.53	<=33.01	Pass	
			13	21.45	-2.00	19.45	<=33.01	Pass	
			25	21.43	-2.00	19.43	<=33.01	Pass	
		50	0	21.49	-2.00	19.49	<=33.01	Pass	
	2565	1	0	22.72	-2.00	20.72	<=33.01	Pass	
			25	22.72	-2.00	20.72	<=33.01	Pass	
			49	22.27	-2.00	20.27	<=33.01	Pass	
		25	0	21.79	-2.00	19.79	<=33.01	Pass	
			13	21.78	-2.00	19.78	<=33.01	Pass	
			25	21.80	-2.00	19.80	<=33.01	Pass	
		50	0	21.72	-2.00	19.72	<=33.01	Pass	
	64QAM	2505	1	0	21.57	-2.00	19.57	<=33.01	Pass
				25	21.44	-2.00	19.44	<=33.01	Pass
				49	21.51	-2.00	19.51	<=33.01	Pass
25			0	20.33	-2.00	18.33	<=33.01	Pass	
			13	20.34	-2.00	18.34	<=33.01	Pass	
			25	20.35	-2.00	18.35	<=33.01	Pass	
50			0	20.32	-2.00	18.32	<=33.01	Pass	
2535		1	0	21.77	-2.00	19.77	<=33.01	Pass	
			25	21.65	-2.00	19.65	<=33.01	Pass	
			49	21.63	-2.00	19.63	<=33.01	Pass	
		25	0	20.72	-2.00	18.72	<=33.01	Pass	
			13	20.65	-2.00	18.65	<=33.01	Pass	
			25	20.65	-2.00	18.65	<=33.01	Pass	
		50	0	20.64	-2.00	18.64	<=33.01	Pass	
2565		1	0	21.89	-2.00	19.89	<=33.01	Pass	
			25	21.88	-2.00	19.88	<=33.01	Pass	
			49	21.98	-2.00	19.98	<=33.01	Pass	
		25	0	20.90	-2.00	18.90	<=33.01	Pass	
			13	20.89	-2.00	18.89	<=33.01	Pass	
			25	20.91	-2.00	18.91	<=33.01	Pass	
50	0	20.83	-2.00	18.83	<=33.01	Pass			
Note1: EIRP=Conducted Power+Antenna Gain									

1.2.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	23.29	-2.00	21.29	<=33.01	Pass
			38	23.28	-2.00	21.28	<=33.01	Pass
			74	23.39	-2.00	21.39	<=33.01	Pass
		36	0	22.18	-2.00	20.18	<=33.01	Pass

		75		18	22.18	-2.00	20.18	<=33.01	Pass		
				39	22.24	-2.00	20.24	<=33.01	Pass		
				0	22.23	-2.00	20.23	<=33.01	Pass		
		2535	1		0	23.07	-2.00	21.07	<=33.01	Pass	
					38	22.99	-2.00	20.99	<=33.01	Pass	
					74	22.97	-2.00	20.97	<=33.01	Pass	
			36		0	22.43	-2.00	20.43	<=33.01	Pass	
					18	22.31	-2.00	20.31	<=33.01	Pass	
					39	22.35	-2.00	20.35	<=33.01	Pass	
	2562.5	75		0	22.37	-2.00	20.37	<=33.01	Pass		
			1		0	23.40	-2.00	21.40	<=33.01	Pass	
					38	23.50	-2.00	21.50	<=33.01	Pass	
				74	23.10	-2.00	21.10	<=33.01	Pass		
		36		0	22.40	-2.00	20.40	<=33.01	Pass		
				18	22.42	-2.00	20.42	<=33.01	Pass		
			39	22.47	-2.00	20.47	<=33.01	Pass			
	16QAM	2507.5	75		0	22.49	-2.00	20.49	<=33.01	Pass	
				1		0	22.85	-2.00	20.85	<=33.01	Pass
					38	22.80	-2.00	20.80	<=33.01	Pass	
			74		22.91	-2.00	20.91	<=33.01	Pass		
36				0	21.23	-2.00	19.23	<=33.01	Pass		
				18	21.23	-2.00	19.23	<=33.01	Pass		
				39	21.26	-2.00	19.26	<=33.01	Pass		
			75		0	21.27	-2.00	19.27	<=33.01	Pass	
				2535	1		0	22.67	-2.00	20.67	<=33.01
						38	22.62	-2.00	20.62	<=33.01	Pass
		74	22.55			-2.00	20.55	<=33.01	Pass		
36			0		21.28	-2.00	19.28	<=33.01	Pass		
			18		21.20	-2.00	19.20	<=33.01	Pass		
			39		21.18	-2.00	19.18	<=33.01	Pass		
		2562.5	75		0	21.26	-2.00	19.26	<=33.01	Pass	
				1		0	22.96	-2.00	20.96	<=33.01	Pass
						38	23.01	-2.00	21.01	<=33.01	Pass
			74		23.11	-2.00	21.11	<=33.01	Pass		
36			0	21.47	-2.00	19.47	<=33.01	Pass			
			18	21.49	-2.00	19.49	<=33.01	Pass			
			39	21.53	-2.00	19.53	<=33.01	Pass			
	64QAM		2507.5	75		0	21.50	-2.00	19.50	<=33.01	Pass
					1		0	21.59	-2.00	19.59	<=33.01
						38	21.50	-2.00	19.50	<=33.01	Pass
		74		21.64		-2.00	19.64	<=33.01	Pass		
36				0	20.34	-2.00	18.34	<=33.01	Pass		
				18	20.34	-2.00	18.34	<=33.01	Pass		
				39	20.39	-2.00	18.39	<=33.01	Pass		
		2535		75		0	20.39	-2.00	18.39	<=33.01	Pass
					1		0	21.93	-2.00	19.93	<=33.01
						38	21.84	-2.00	19.84	<=33.01	Pass
			74	21.80		-2.00	19.80	<=33.01	Pass		
36				0	20.42	-2.00	18.42	<=33.01	Pass		
				18	20.37	-2.00	18.37	<=33.01	Pass		
			39	20.32	-2.00	18.32	<=33.01	Pass			
		2562.5	75		0	20.41	-2.00	18.41	<=33.01	Pass	
				1		0	21.68	-2.00	19.68	<=33.01	Pass
						38	21.76	-2.00	19.76	<=33.01	Pass
			74		21.85	-2.00	19.85	<=33.01	Pass		
36			0	20.58	-2.00	18.58	<=33.01	Pass			
			18	20.61	-2.00	18.61	<=33.01	Pass			
			39	20.63	-2.00	18.63	<=33.01	Pass			
			0	20.61	-2.00	18.61	<=33.01	Pass			
	Note1: EIRP=Conducted Power+Antenna Gain										

1.2.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	23.05	-2.00	21.05	<=33.01	Pass
			50	23.07	-2.00	21.07	<=33.01	Pass
			99	23.27	-2.00	21.27	<=33.01	Pass
		50	0	21.98	-2.00	19.98	<=33.01	Pass
			25	22.06	-2.00	20.06	<=33.01	Pass
			50	22.10	-2.00	20.10	<=33.01	Pass
		100	0	22.06	-2.00	20.06	<=33.01	Pass
	2535	1	0	23.37	-2.00	21.37	<=33.01	Pass
			50	22.94	-2.00	20.94	<=33.01	Pass
			99	23.08	-2.00	21.08	<=33.01	Pass
		50	0	22.39	-2.00	20.39	<=33.01	Pass
			25	22.31	-2.00	20.31	<=33.01	Pass
			50	22.28	-2.00	20.28	<=33.01	Pass
		100	0	22.33	-2.00	20.33	<=33.01	Pass
	2560	1	0	23.31	-2.00	21.31	<=33.01	Pass
			50	23.46	-2.00	21.46	<=33.01	Pass
			99	22.98	-2.00	20.98	<=33.01	Pass
		50	0	22.43	-2.00	20.43	<=33.01	Pass
			25	22.51	-2.00	20.51	<=33.01	Pass
			50	22.48	-2.00	20.48	<=33.01	Pass
		100	0	22.45	-2.00	20.45	<=33.01	Pass
16QAM	2510	1	0	22.34	-2.00	20.34	<=33.01	Pass
			50	22.35	-2.00	20.35	<=33.01	Pass
			99	22.53	-2.00	20.53	<=33.01	Pass
		50	0	20.94	-2.00	18.94	<=33.01	Pass
			25	21.05	-2.00	19.05	<=33.01	Pass
			50	21.10	-2.00	19.10	<=33.01	Pass
		100	0	21.03	-2.00	19.03	<=33.01	Pass
	2535	1	0	22.60	-2.00	20.60	<=33.01	Pass
			50	22.54	-2.00	20.54	<=33.01	Pass
			99	22.46	-2.00	20.46	<=33.01	Pass
		50	0	21.37	-2.00	19.37	<=33.01	Pass
			25	21.30	-2.00	19.30	<=33.01	Pass
			50	21.26	-2.00	19.26	<=33.01	Pass
		100	0	21.30	-2.00	19.30	<=33.01	Pass
	2560	1	0	22.96	-2.00	20.96	<=33.01	Pass
			50	23.10	-2.00	21.10	<=33.01	Pass
			99	23.19	-2.00	21.19	<=33.01	Pass
		50	0	21.40	-2.00	19.40	<=33.01	Pass
			25	21.49	-2.00	19.49	<=33.01	Pass
			50	21.48	-2.00	19.48	<=33.01	Pass
		100	0	21.44	-2.00	19.44	<=33.01	Pass
64QAM	2510	1	0	21.46	-2.00	19.46	<=33.01	Pass
			50	21.50	-2.00	19.50	<=33.01	Pass
			99	21.67	-2.00	19.67	<=33.01	Pass
		50	0	20.08	-2.00	18.08	<=33.01	Pass
			25	20.19	-2.00	18.19	<=33.01	Pass
			50	20.26	-2.00	18.26	<=33.01	Pass
		100	0	20.13	-2.00	18.13	<=33.01	Pass
	2535	1	0	22.06	-2.00	20.06	<=33.01	Pass
			50	21.99	-2.00	19.99	<=33.01	Pass
			99	21.90	-2.00	19.90	<=33.01	Pass
		50	0	20.53	-2.00	18.53	<=33.01	Pass
			25	20.43	-2.00	18.43	<=33.01	Pass
			50	20.39	-2.00	18.39	<=33.01	Pass
		100	0	20.42	-2.00	18.42	<=33.01	Pass
	2560	1	0	21.61	-2.00	19.61	<=33.01	Pass
			50	21.76	-2.00	19.76	<=33.01	Pass
			99	21.81	-2.00	19.81	<=33.01	Pass

		50	0	20.55	-2.00	18.55	<=33.01	Pass
			25	20.61	-2.00	18.61	<=33.01	Pass
			50	20.58	-2.00	18.58	<=33.01	Pass
		100	0	20.54	-2.00	18.54	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result_Ant2

2.1.1 B7_10MHz

Band: 7 / Bandwidth: 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	-5.352	-0.0021	-2.5 to 2.5	Pass
					NV	-1.673	-0.0007	-2.5 to 2.5	Pass
					HV	-1.859	-0.0007	-2.5 to 2.5	Pass
				-30	NV	-7.532	-0.0030	-2.5 to 2.5	Pass
				-20	NV	-5.350	-0.0021	-2.5 to 2.5	Pass
				-10	NV	-5.671	-0.0022	-2.5 to 2.5	Pass
				0	NV	-5.491	-0.0022	-2.5 to 2.5	Pass
				10	NV	-2.683	-0.0011	-2.5 to 2.5	Pass
				30	NV	-5.514	-0.0022	-2.5 to 2.5	Pass
				40	NV	-5.375	-0.0021	-2.5 to 2.5	Pass
				50	NV	0.682	0.0003	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result_Ant2

3.1.1 Band7_OBW

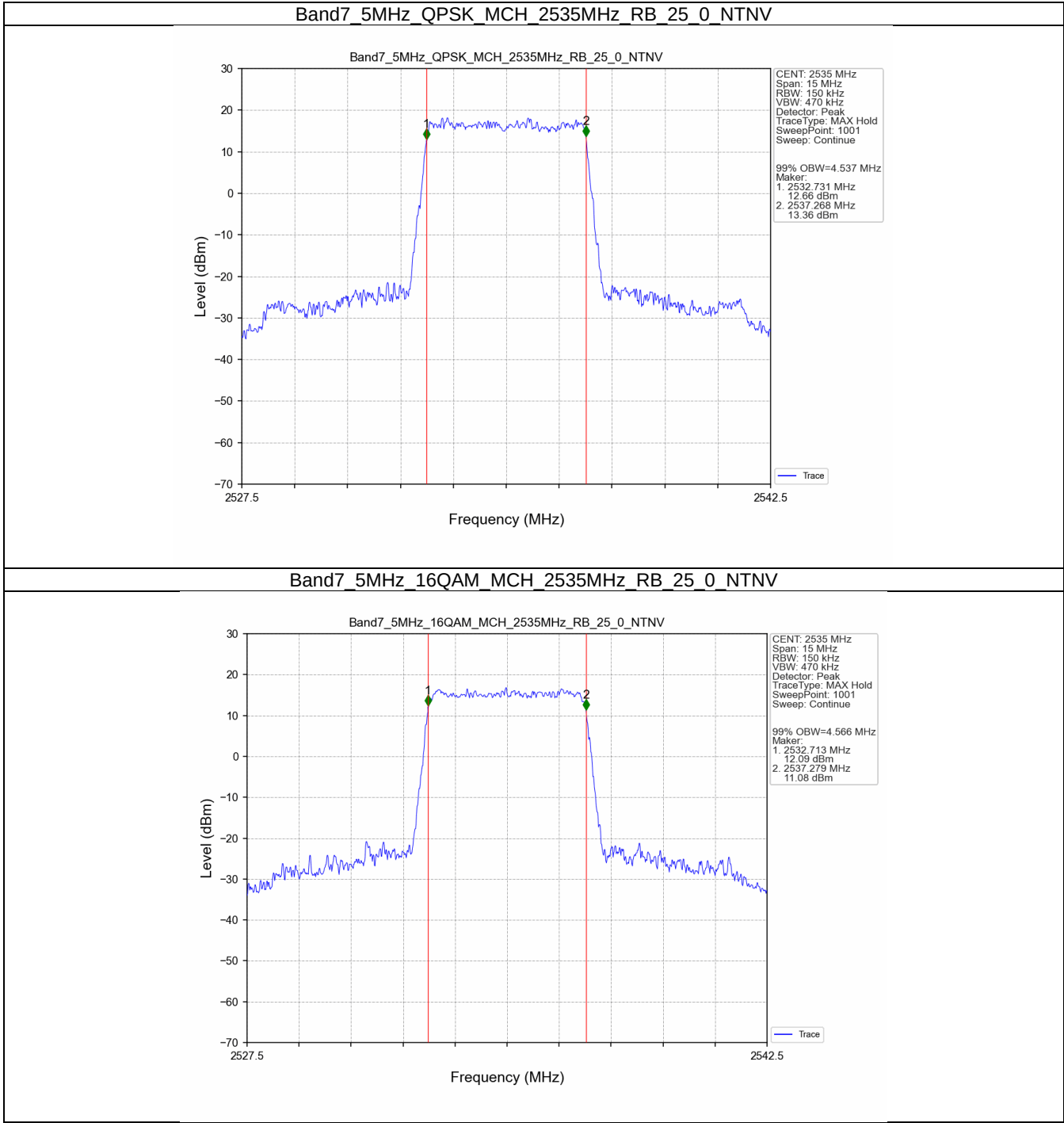
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.537	/	Pass
	16QAM	2535	25	0	4.566	/	Pass
	64QAM	2535	25	0	4.554	/	Pass
10	QPSK	2535	50	0	9.075	/	Pass
	16QAM	2535	50	0	9.070	/	Pass
	64QAM	2535	50	0	9.068	/	Pass
15	QPSK	2535	75	0	13.590	/	Pass
	16QAM	2535	75	0	13.566	/	Pass
	64QAM	2535	75	0	13.575	/	Pass
20	QPSK	2535	100	0	18.065	/	Pass
	16QAM	2535	100	0	18.070	/	Pass
	64QAM	2535	100	0	18.150	/	Pass

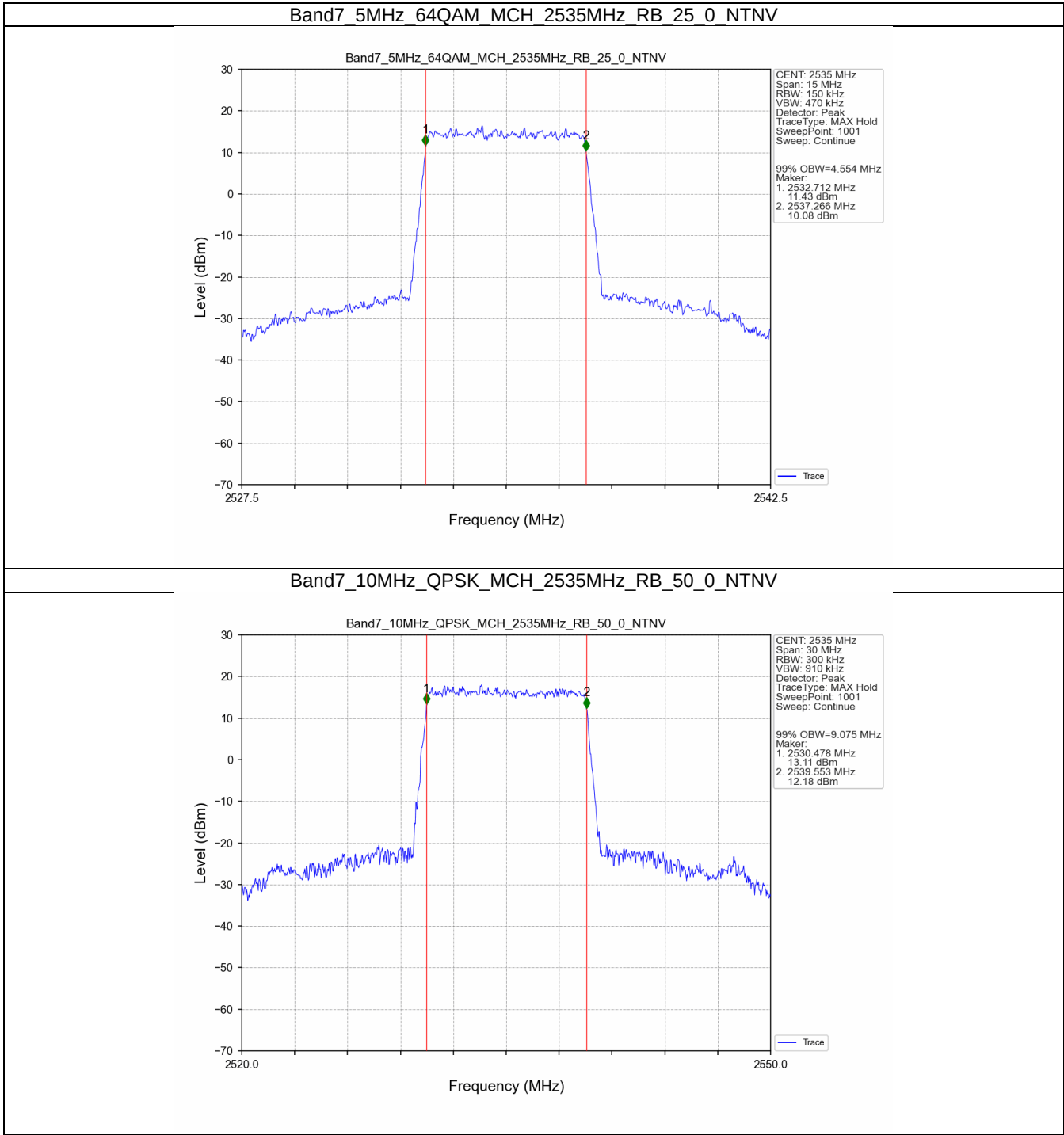
3.1.2 Band7_XDB

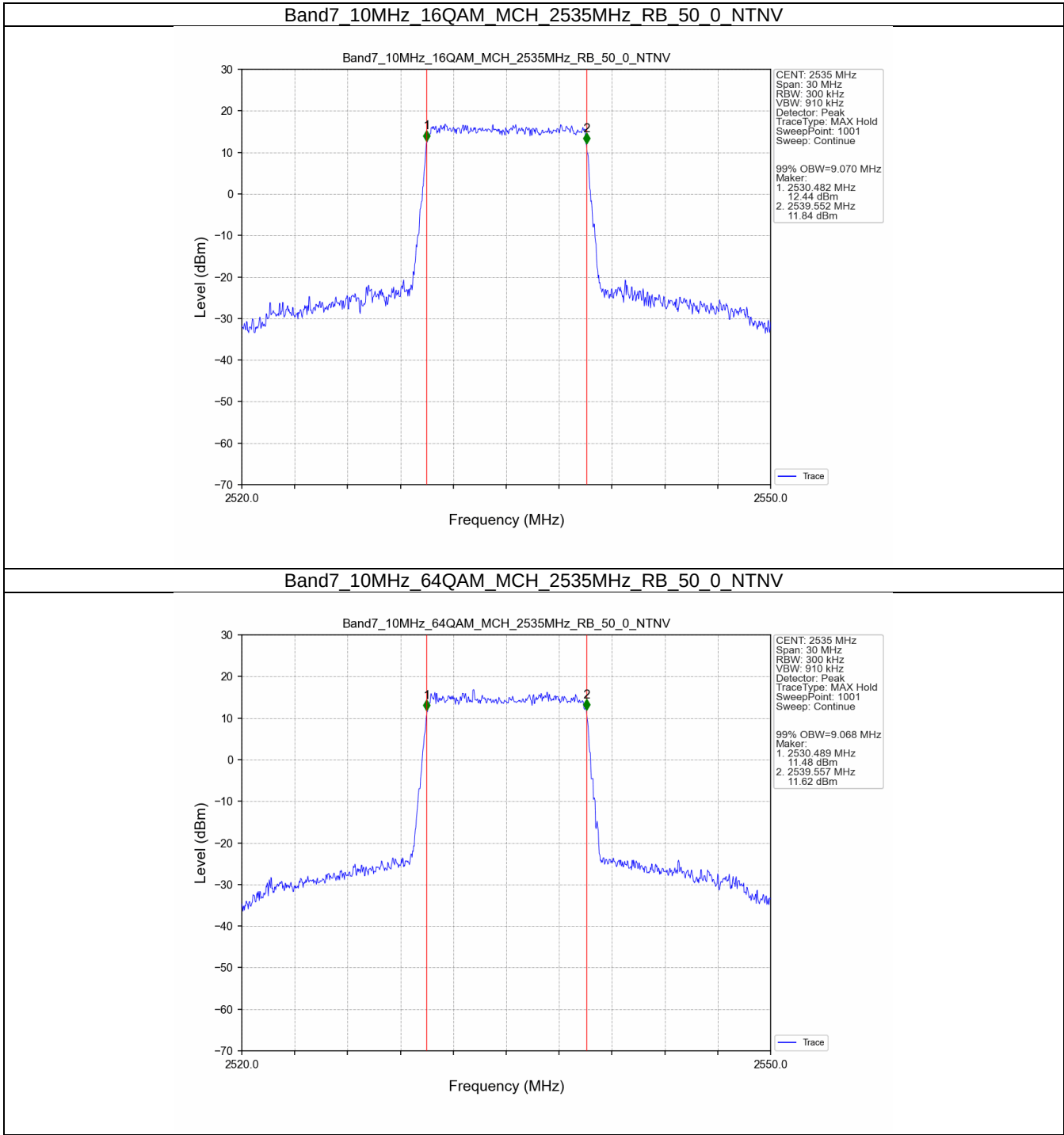
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	5.051	/	Pass
	16QAM	2535	25	0	5.099	/	Pass
	64QAM	2535	25	0	5.081	/	Pass
10	QPSK	2535	50	0	10.028	/	Pass
	16QAM	2535	50	0	9.977	/	Pass
	64QAM	2535	50	0	9.947	/	Pass
15	QPSK	2535	75	0	15.079	/	Pass
	16QAM	2535	75	0	15.026	/	Pass
	64QAM	2535	75	0	15.000	/	Pass
20	QPSK	2535	100	0	19.739	/	Pass
	16QAM	2535	100	0	19.853	/	Pass
	64QAM	2535	100	0	19.830	/	Pass

3.2 Test Graph

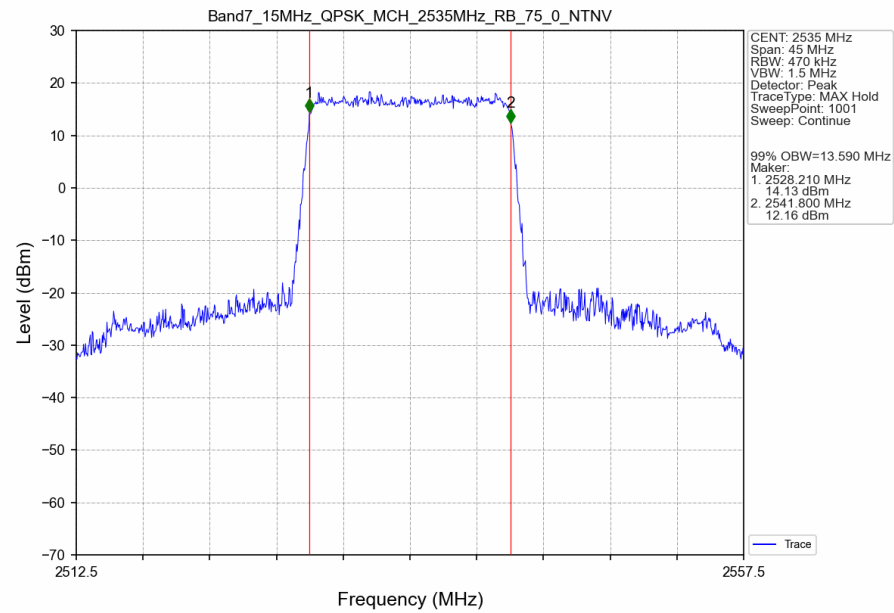
3.2.1 Band7_OBW



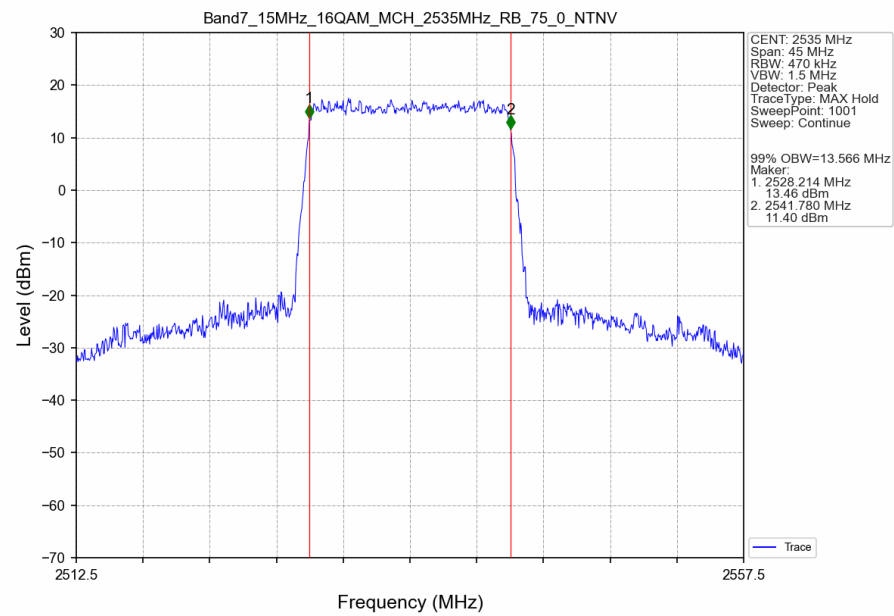


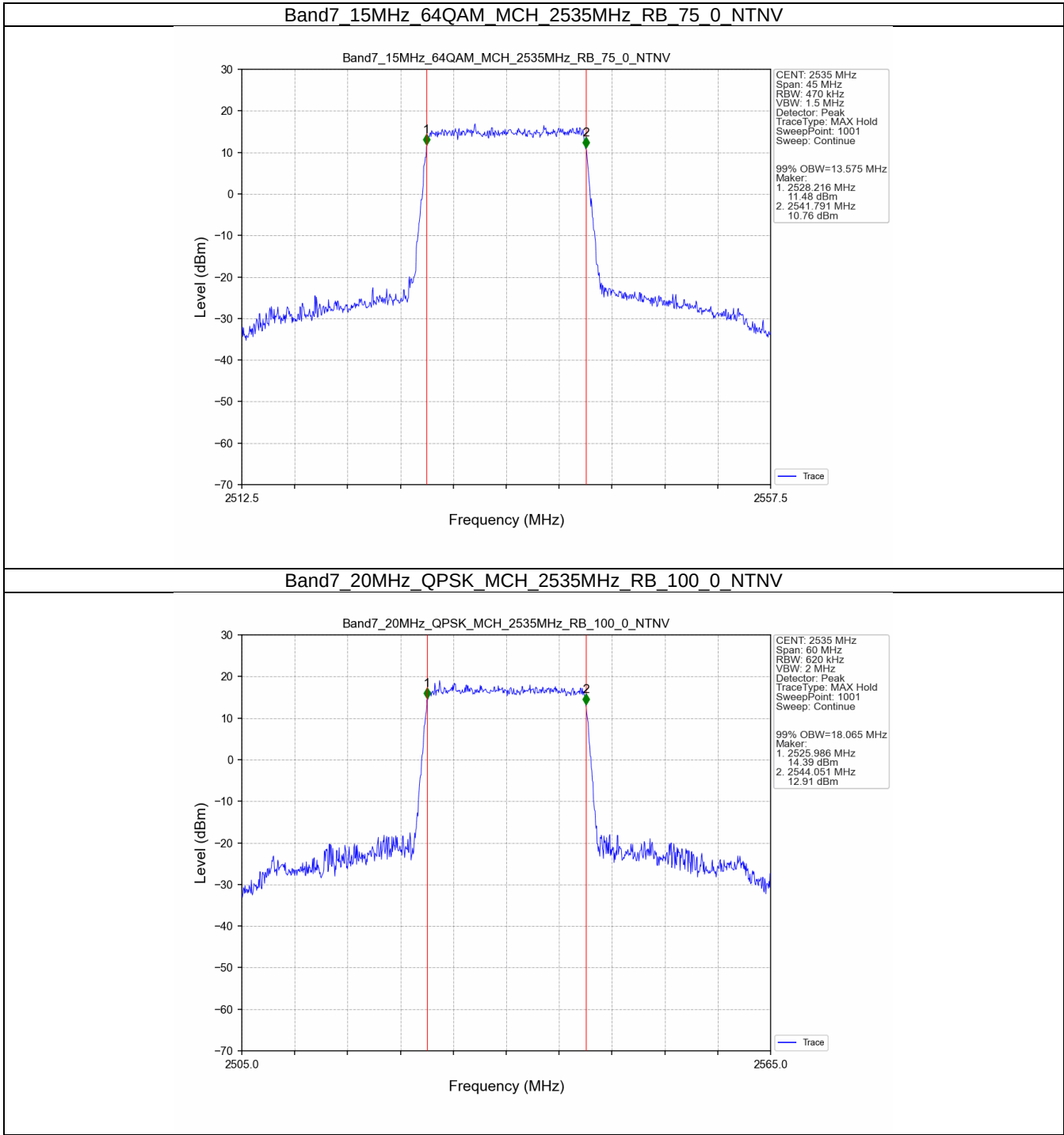


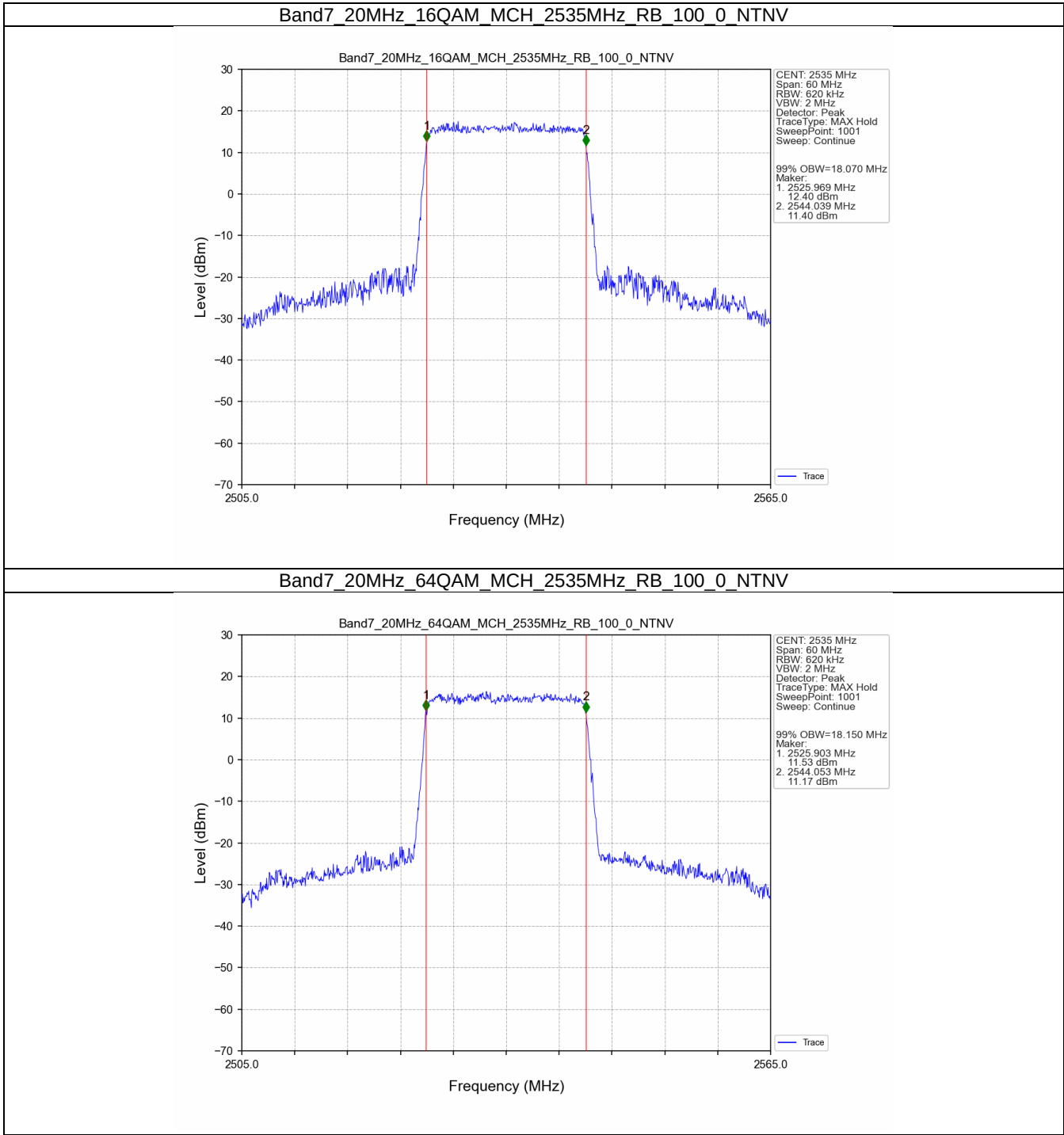
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



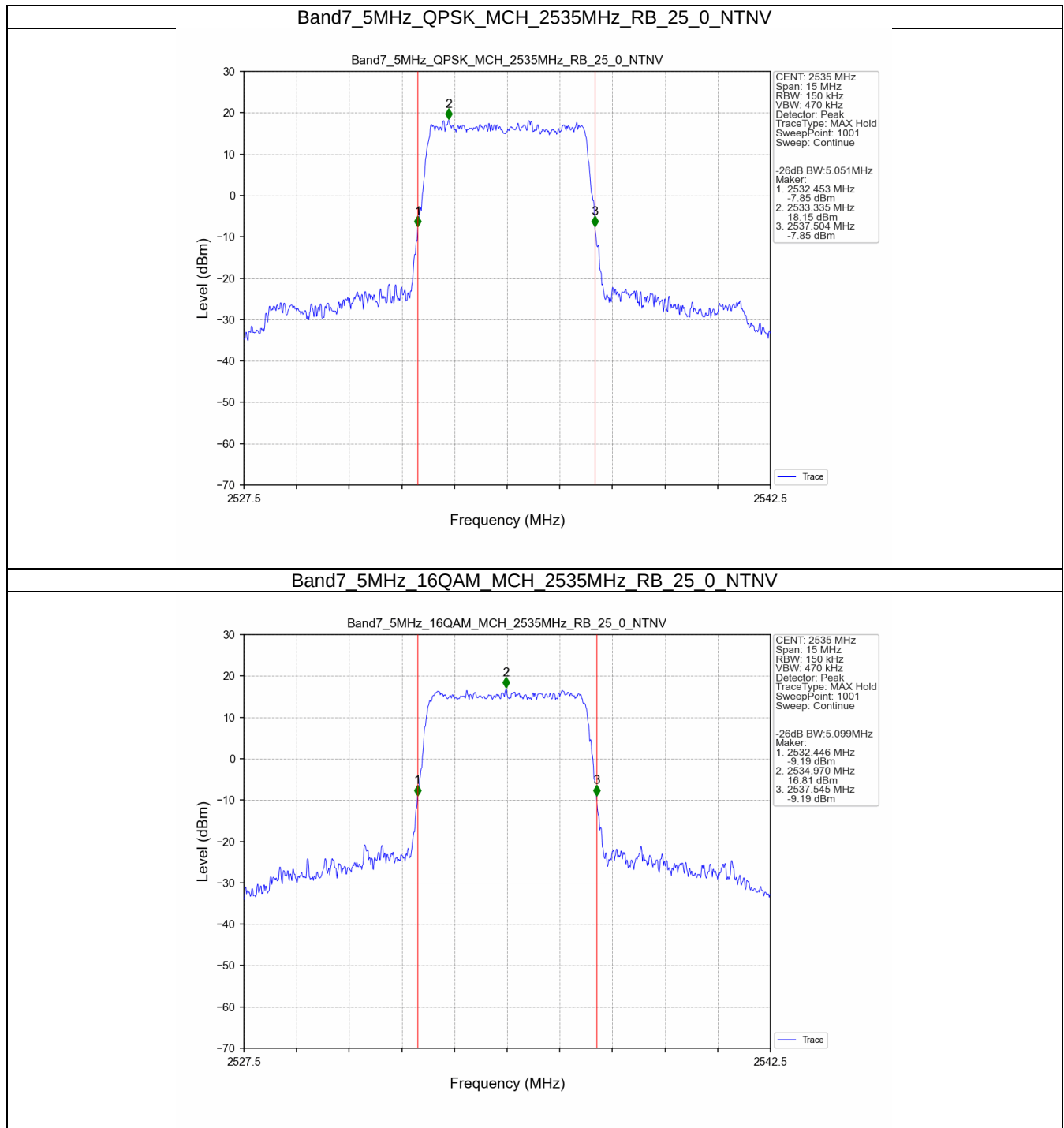
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV

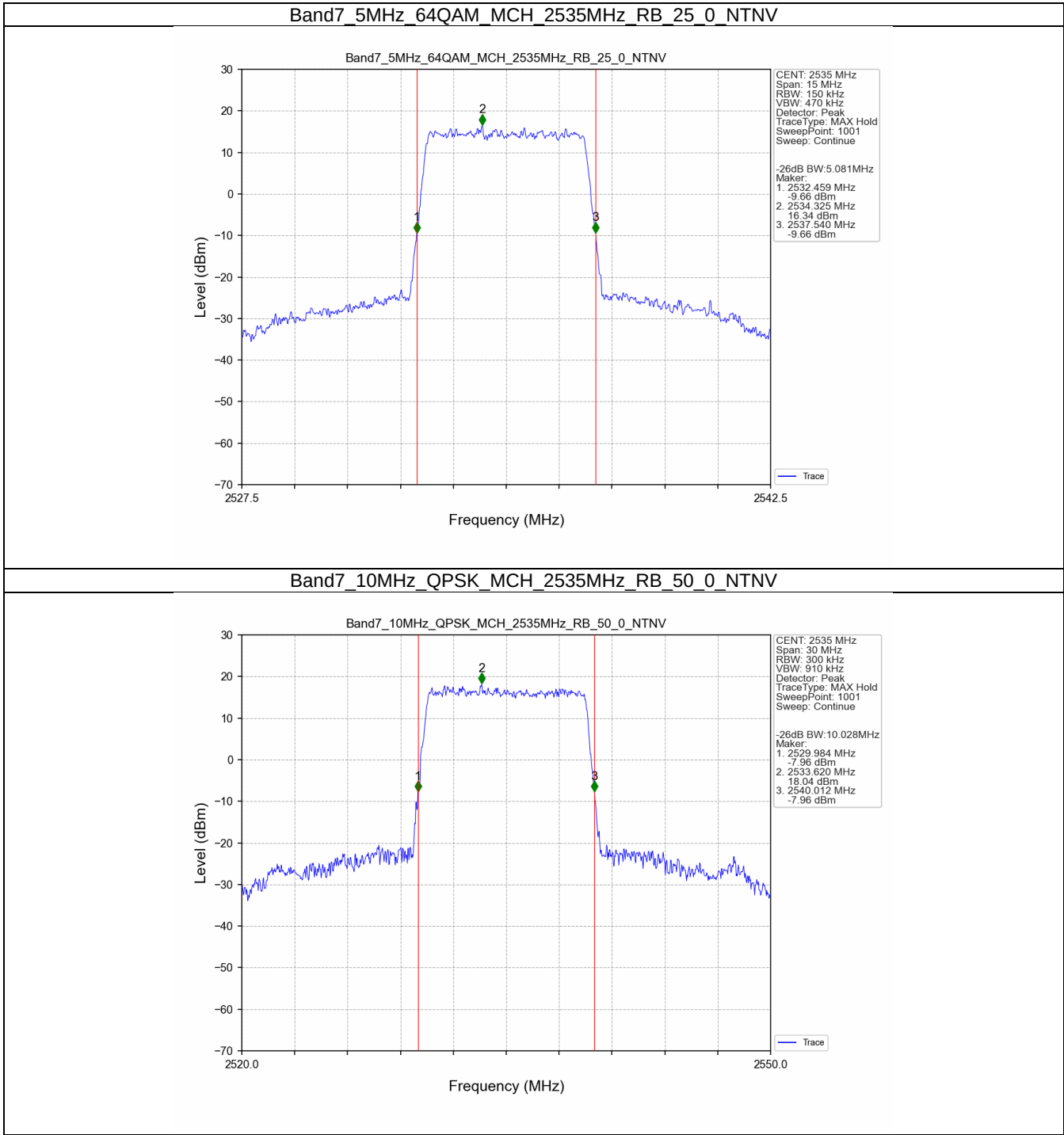




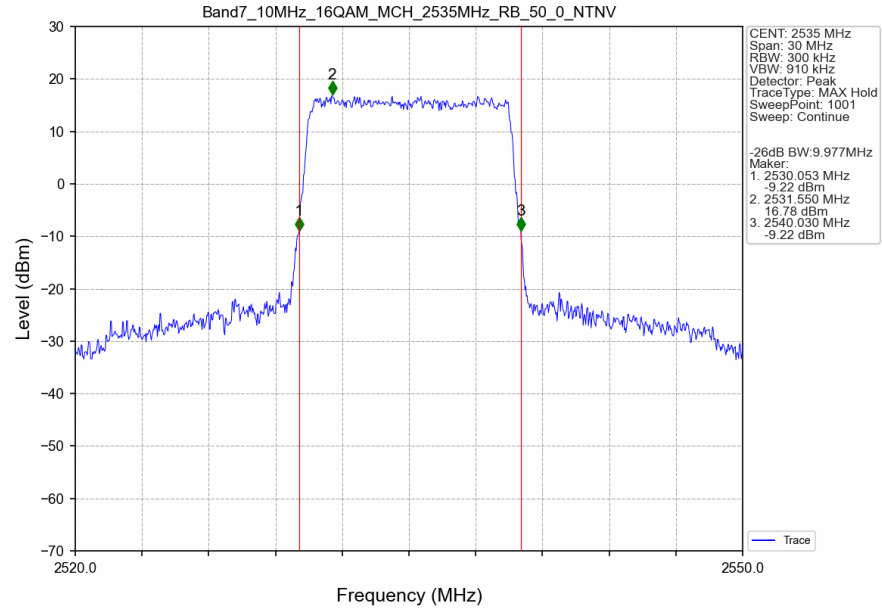


3.2.2 Band7_XDB

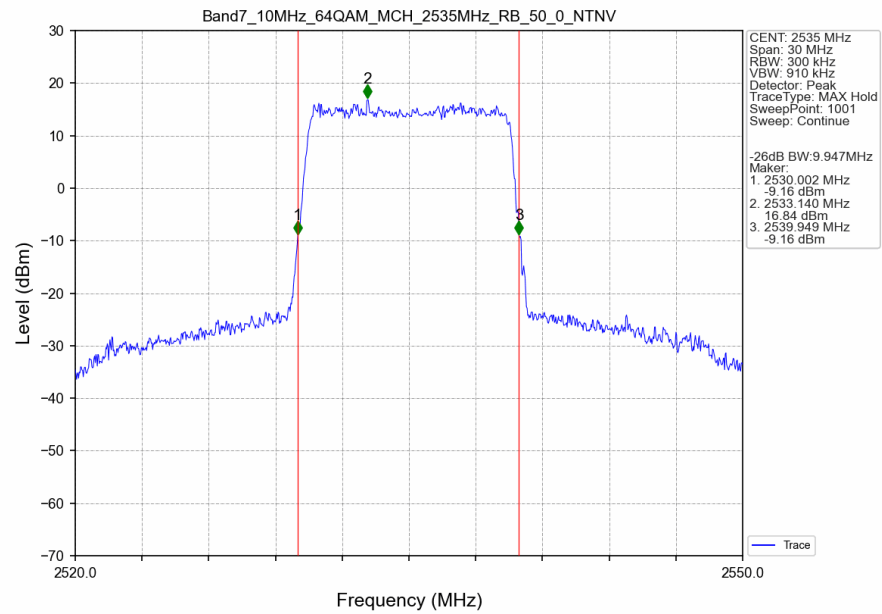


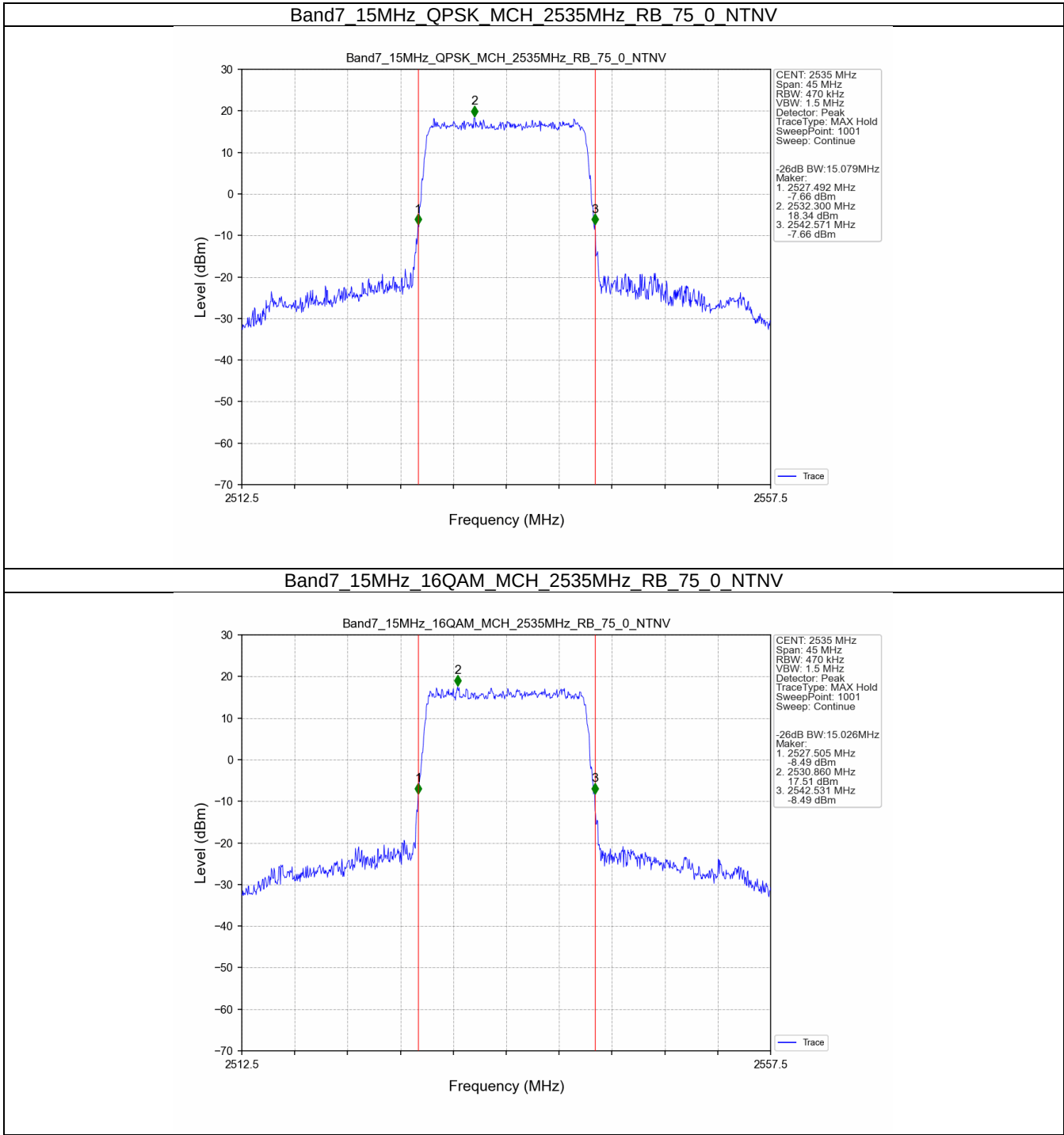


Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV

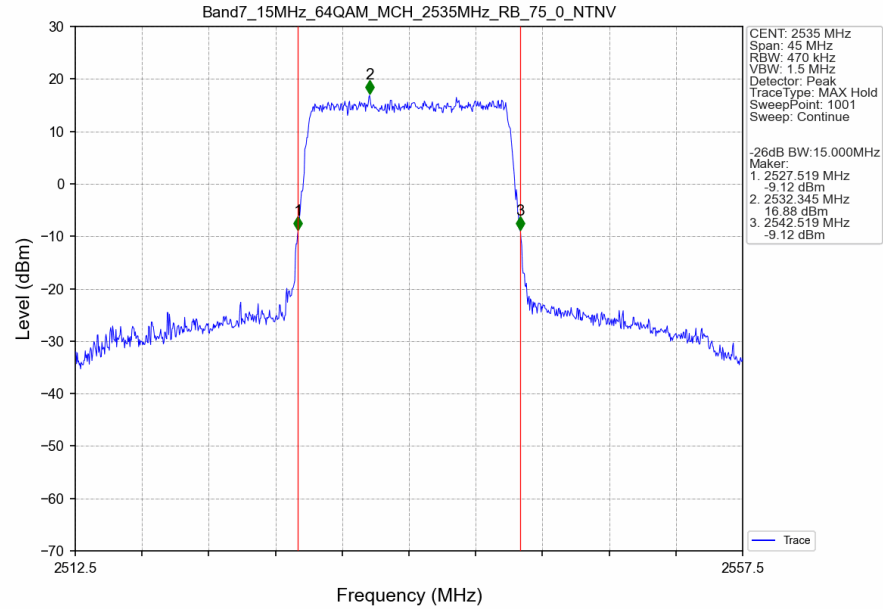


Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV

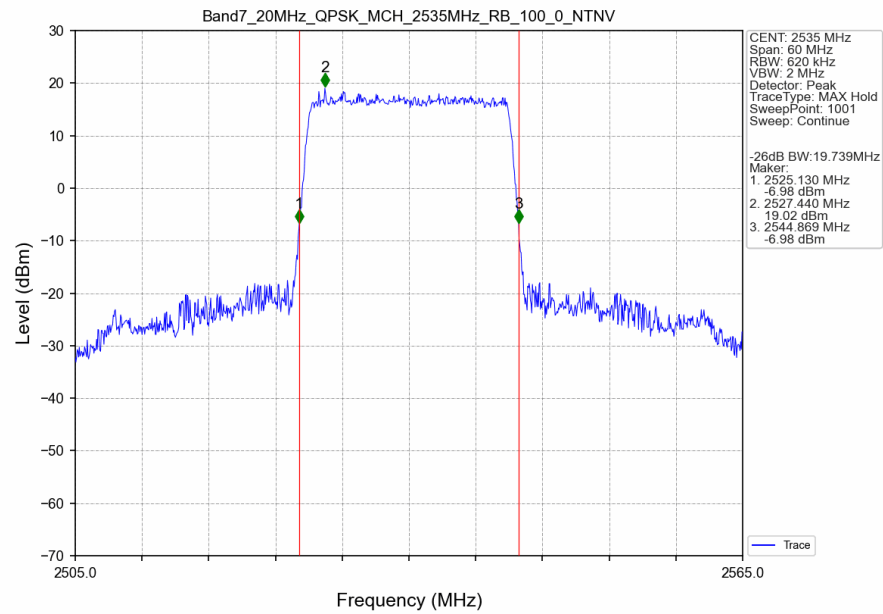




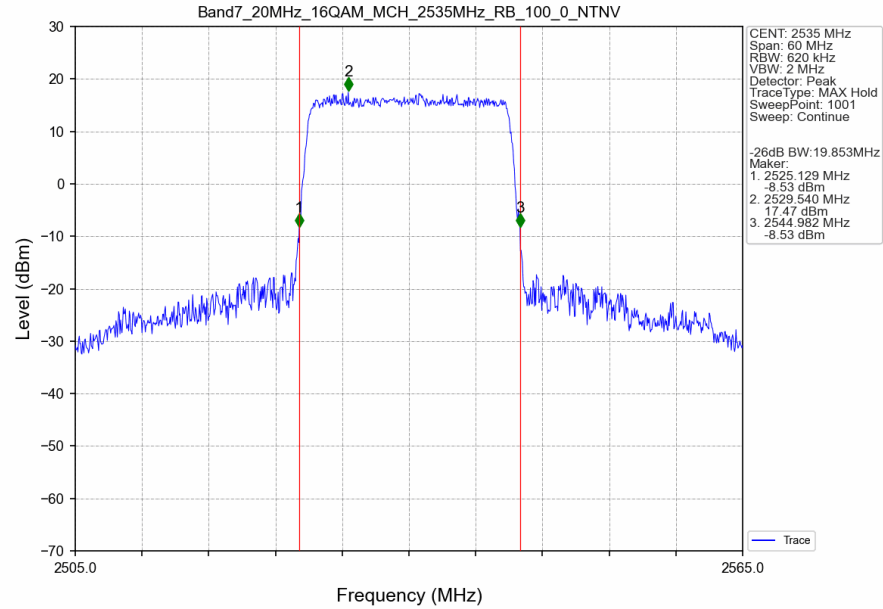
Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



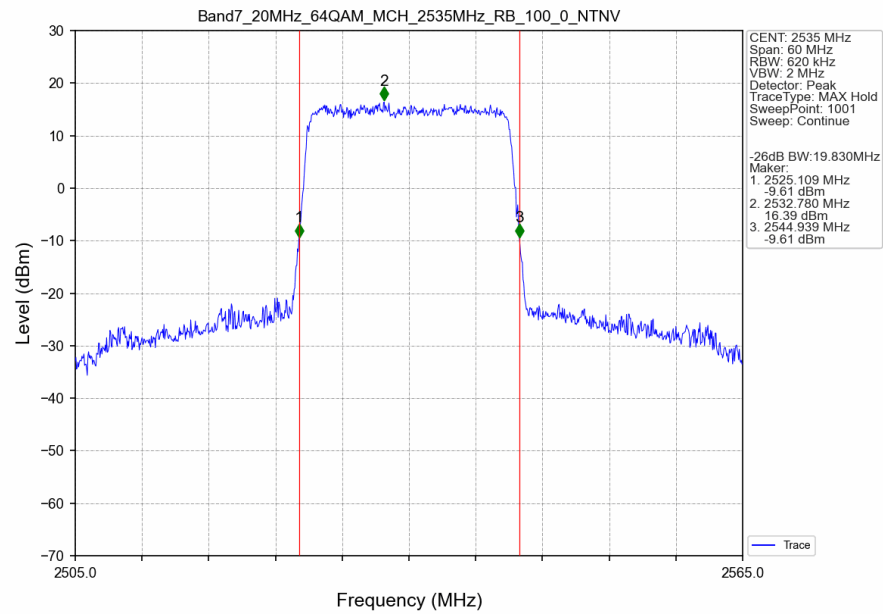
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV



4. Peak-Average Ratio

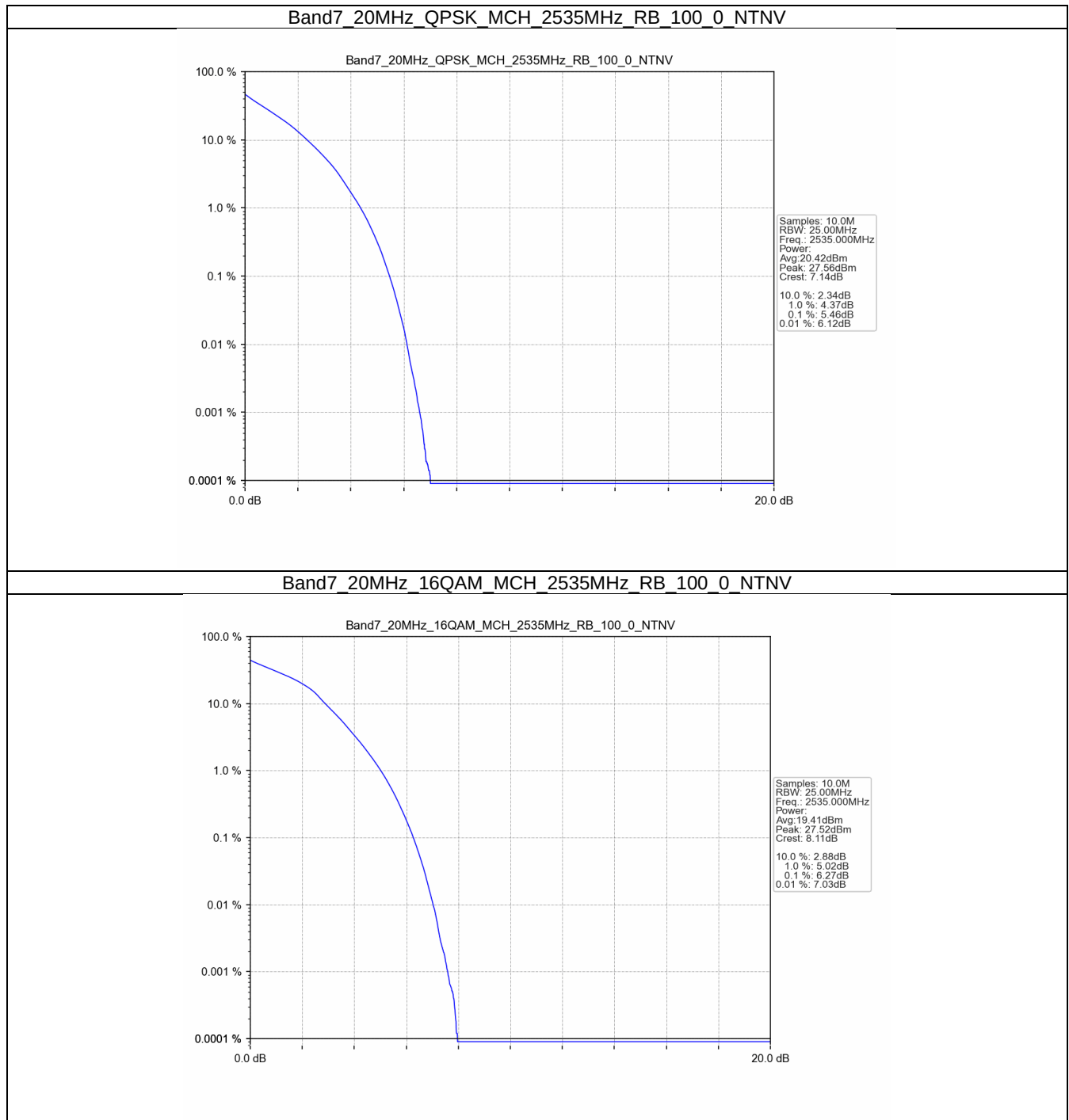
4.1 Test Result_Ant2

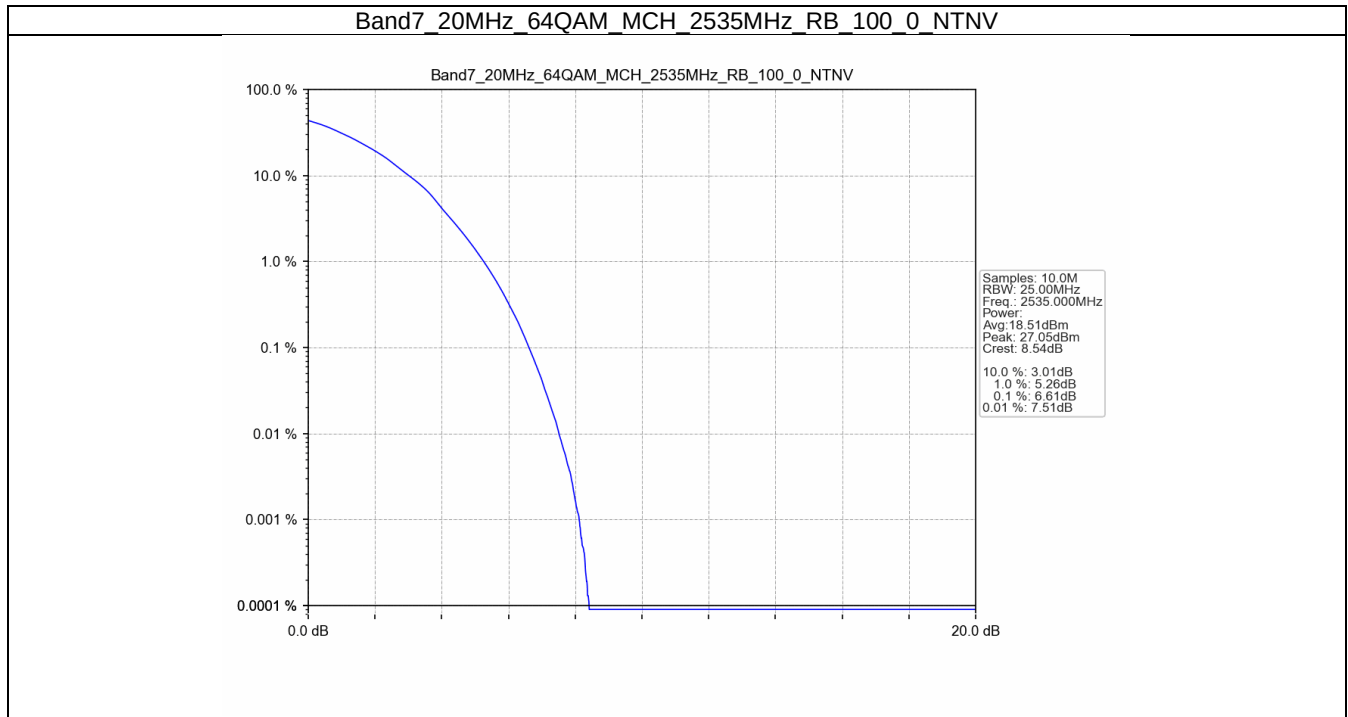
4.1.1 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	5.46	<=13	Pass
16QAM	2535	100	0	6.27	<=13	Pass
64QAM	2535	100	0	6.61	<=13	Pass

4.2 Test Graph

4.2.1 B7_20MHz





5. Spurious Emission

5.1 Test Result_Ant2

5.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTV						
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	
	24			Refer To Test Graph		Pass
	25		0	Refer To Test Graph		Pass

5.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTV						
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	
	49			Refer To Test Graph		Pass
	50		0	Refer To Test Graph		Pass

5.1.3 B7_15MHz

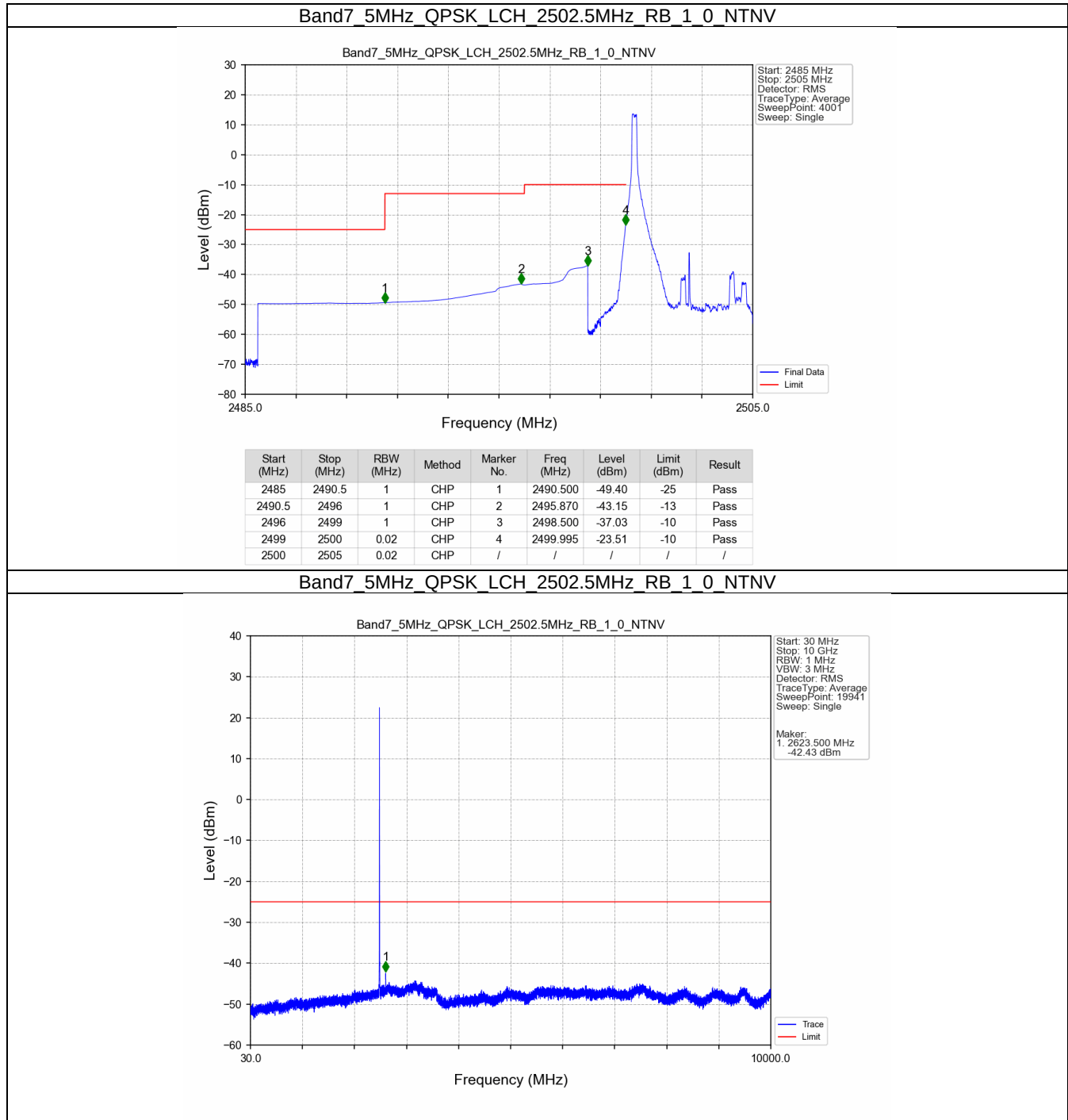
Band: 7 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test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

5.1.4 B7_20MHz

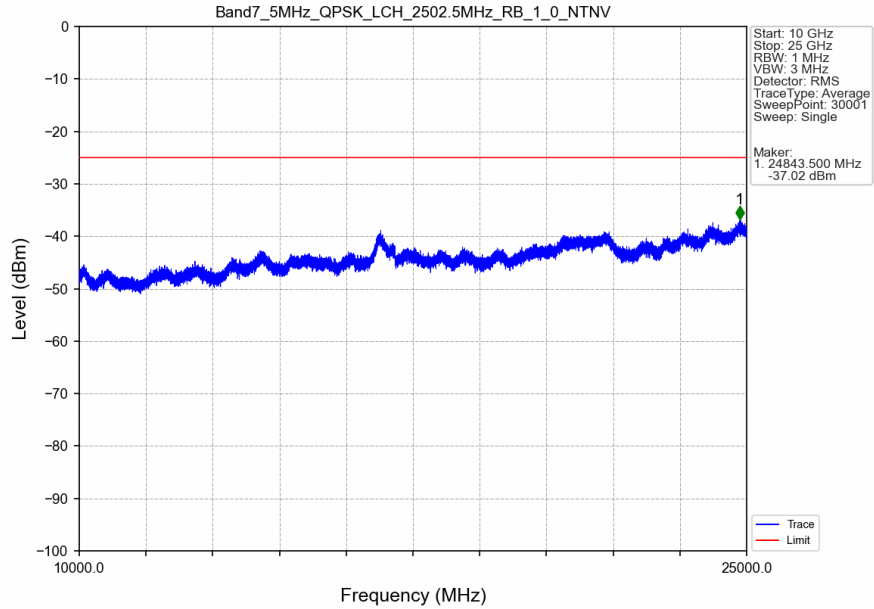
Band: 7 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

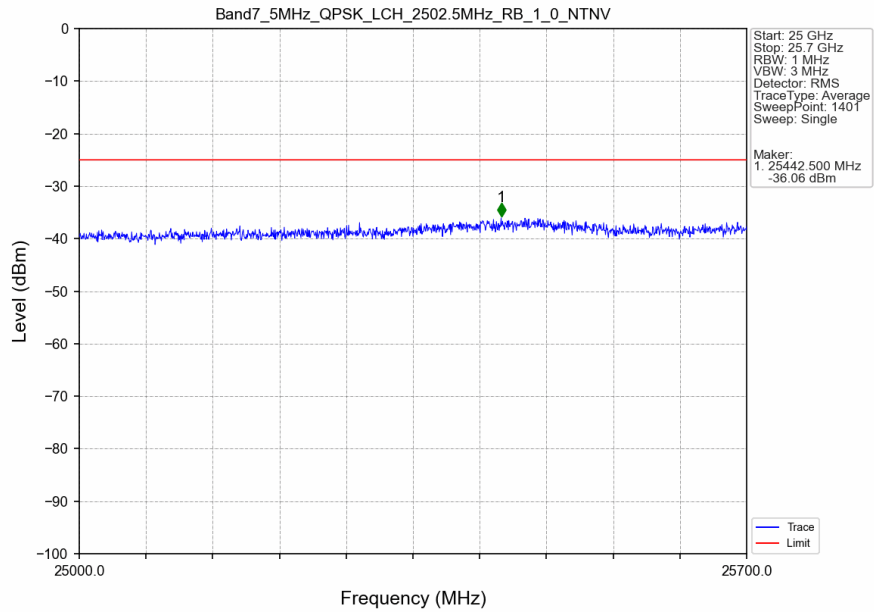
5.2.1 B7_5MHz

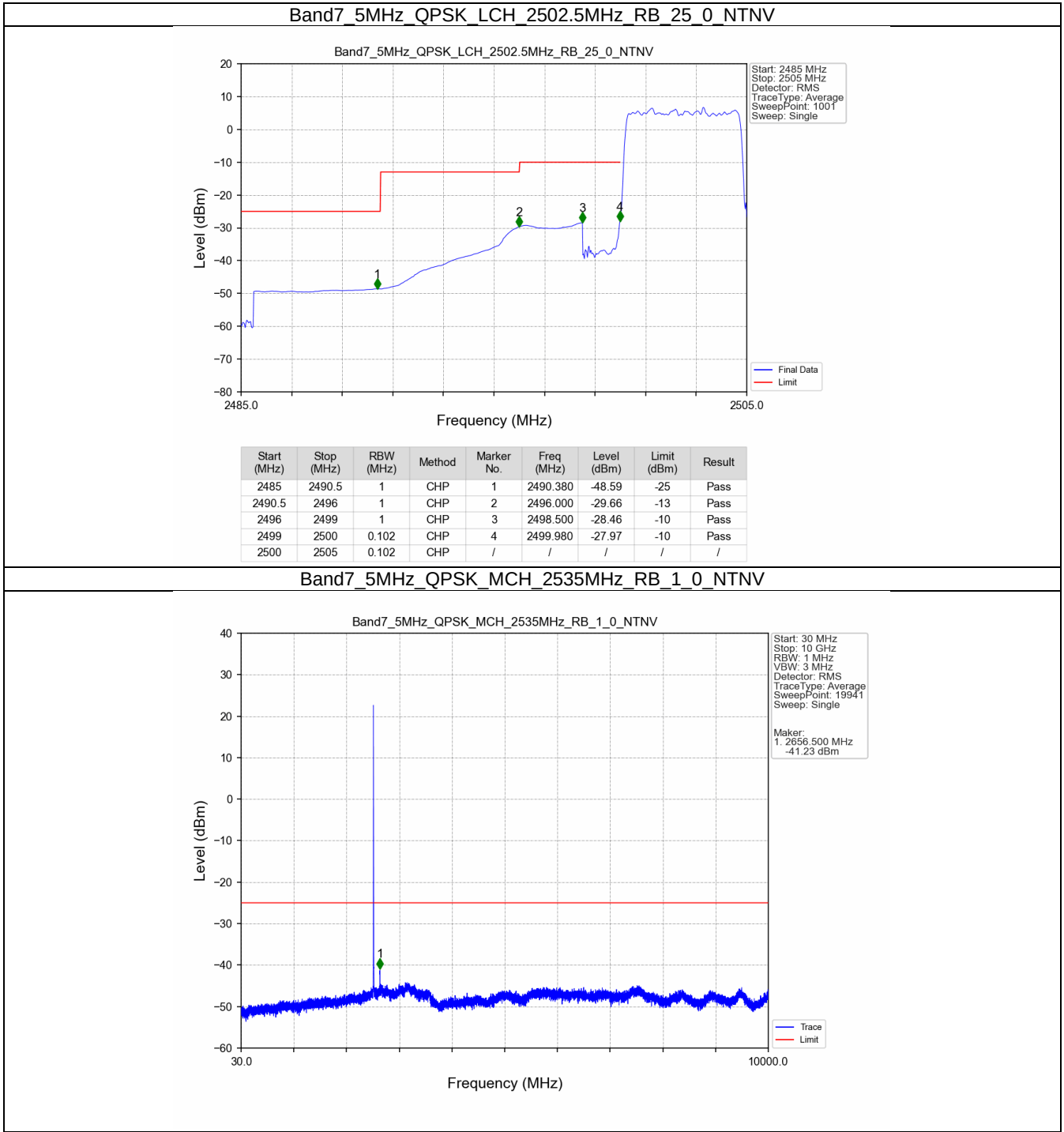


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

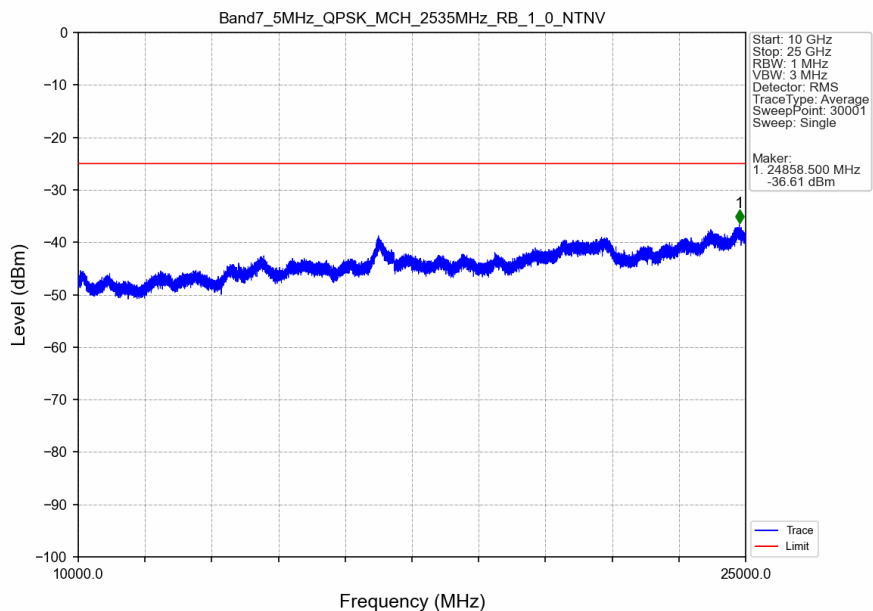


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

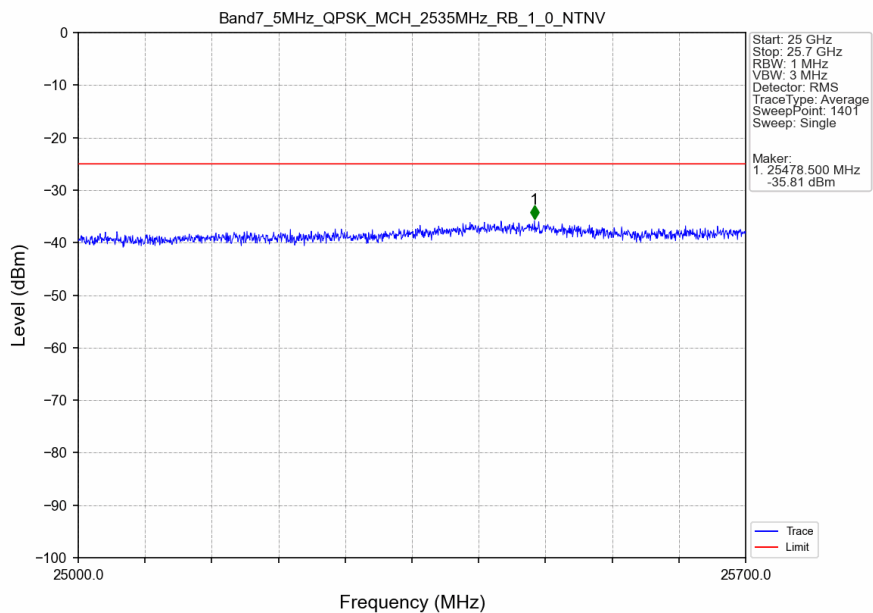




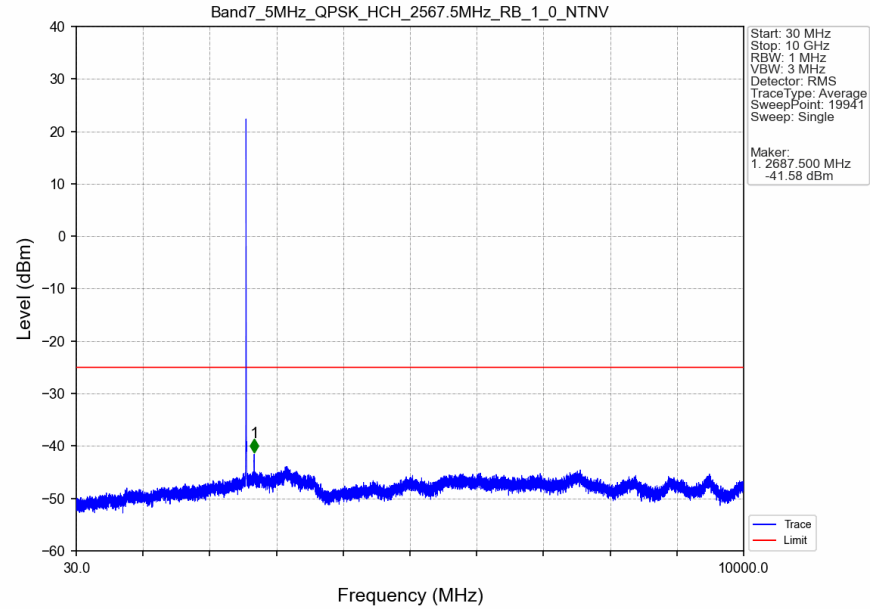
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



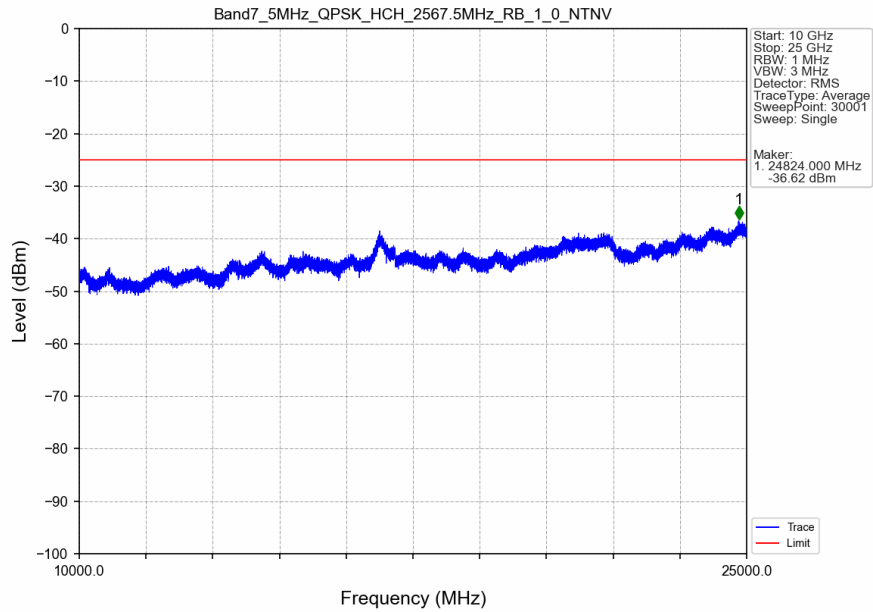
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

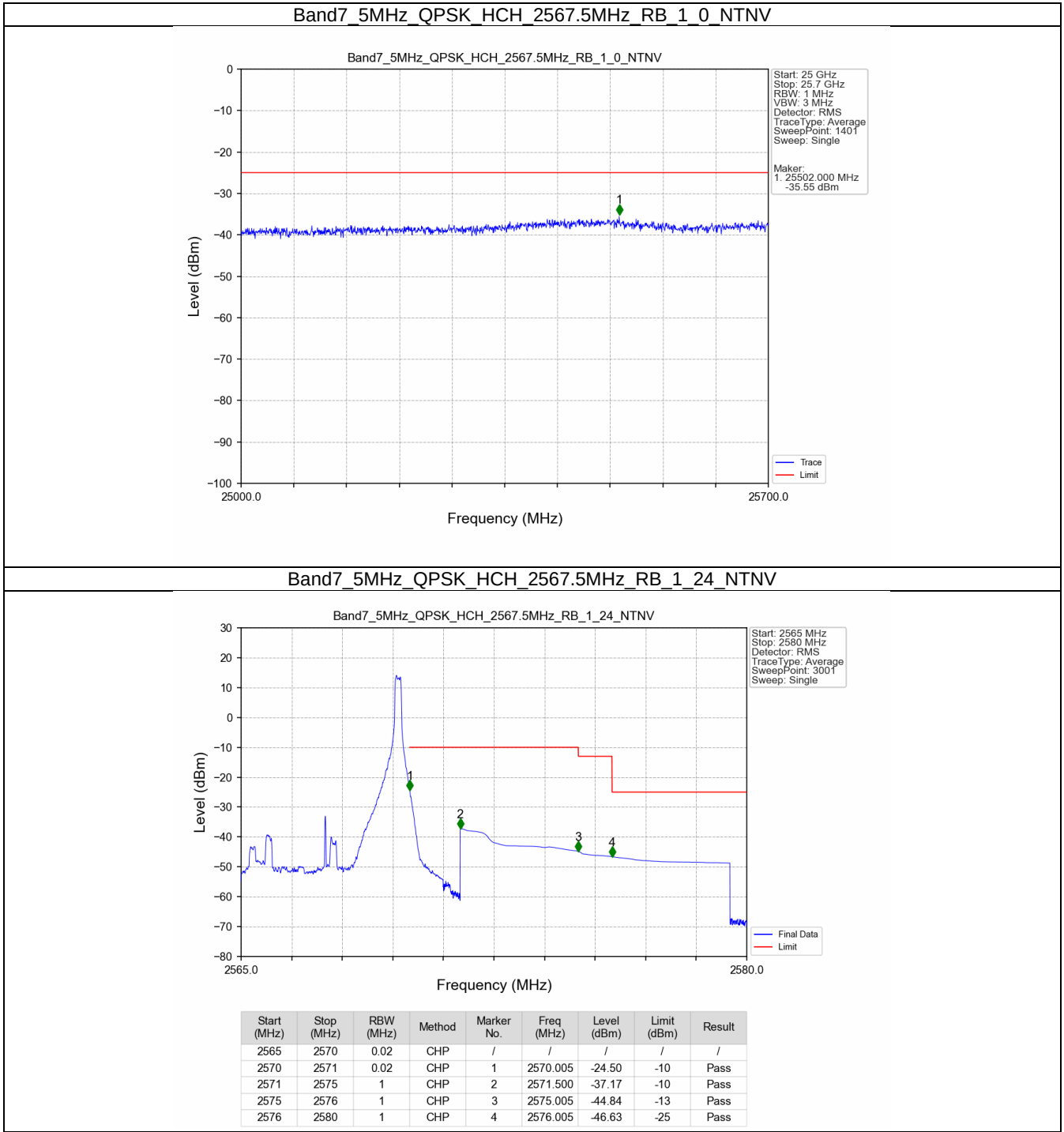


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

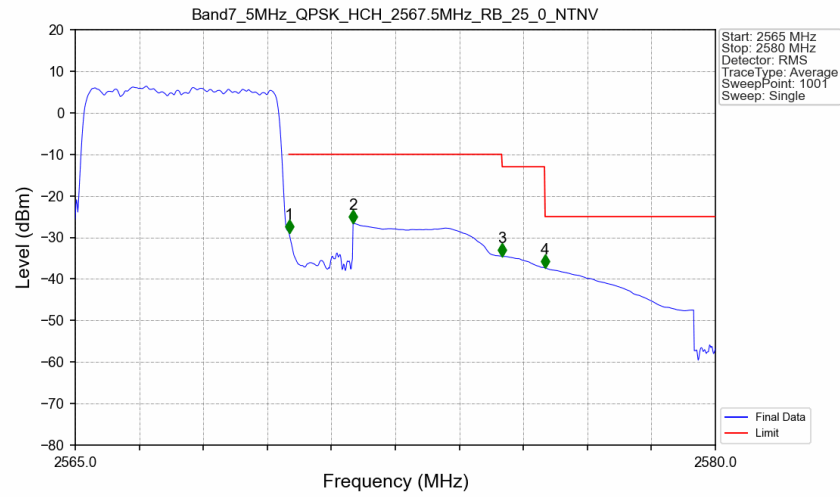


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



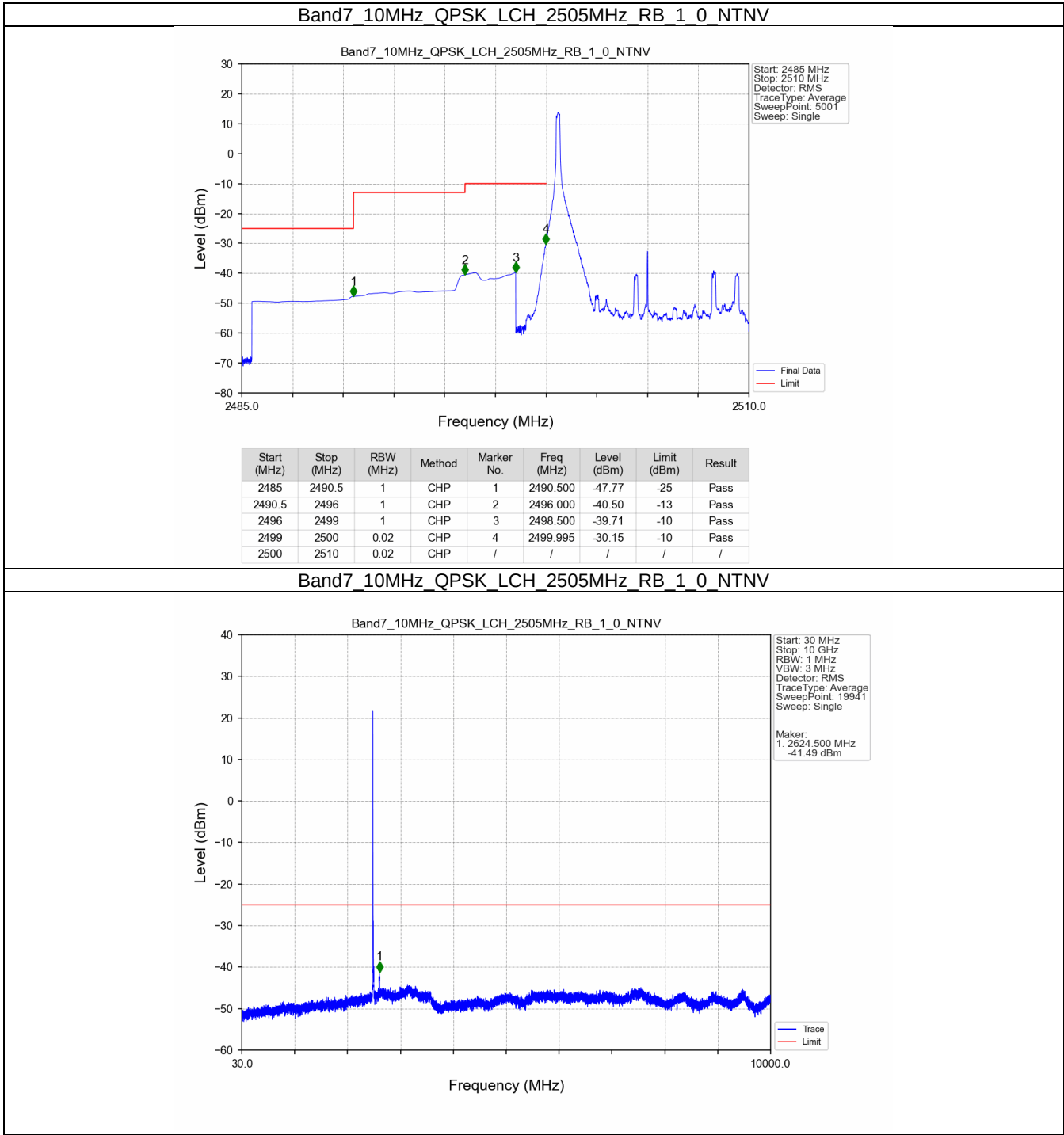


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV

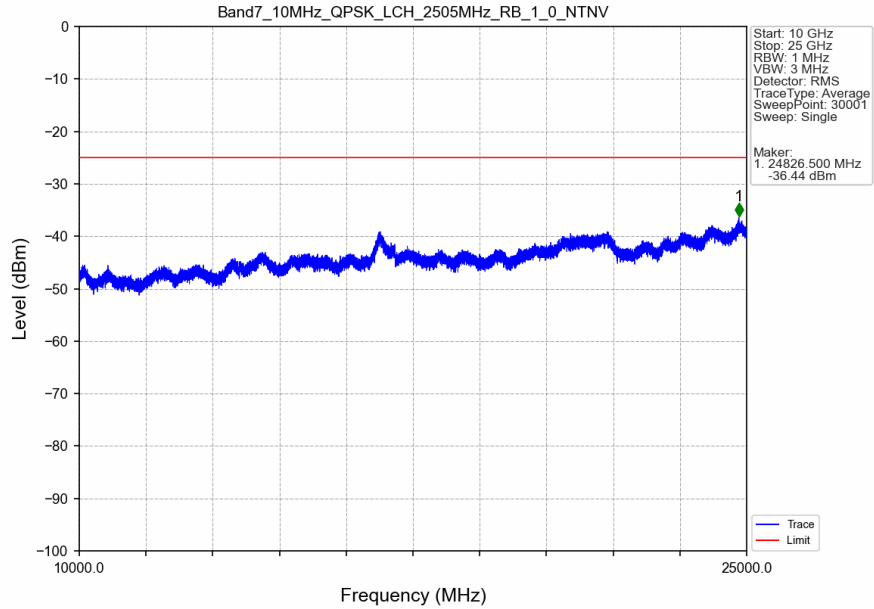


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.102	CHP	/	/	/	/	/
2570	2571	0.102	CHP	1	2570.010	-28.99	-10	Pass
2571	2575	1	CHP	2	2571.510	-26.62	-10	Pass
2575	2576	1	CHP	3	2575.005	-34.54	-13	Pass
2576	2580	1	CHP	4	2576.010	-37.35	-25	Pass

5.2.2 B7_10MHz



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

