

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B7_5MHz_EIRP

Band: 7 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2502.5	1	0	23.75	-0.80	22.95	<=33.01	Pass
			13	23.72	-0.80	22.92	<=33.01	Pass
			24	23.78	-0.80	22.98	<=33.01	Pass
		12	0	22.69	-0.80	21.89	<=33.01	Pass
			6	22.60	-0.80	21.80	<=33.01	Pass
			13	22.67	-0.80	21.87	<=33.01	Pass
		25	0	22.78	-0.80	21.98	<=33.01	Pass
	2535	1	0	23.94	-0.80	23.14	<=33.01	Pass
			13	23.92	-0.80	23.12	<=33.01	Pass
			24	23.92	-0.80	23.12	<=33.01	Pass
		12	0	22.87	-0.80	22.07	<=33.01	Pass
			6	22.74	-0.80	21.94	<=33.01	Pass
			13	22.85	-0.80	22.05	<=33.01	Pass
		25	0	22.84	-0.80	22.04	<=33.01	Pass
	2567.5	1	0	24.01	-0.80	23.21	<=33.01	Pass
			13	23.95	-0.80	23.15	<=33.01	Pass
			24	24.00	-0.80	23.20	<=33.01	Pass
		12	0	22.93	-0.80	22.13	<=33.01	Pass
			6	22.84	-0.80	22.04	<=33.01	Pass
			13	22.87	-0.80	22.07	<=33.01	Pass
		25	0	22.92	-0.80	22.12	<=33.01	Pass
16QAM	2502.5	1	0	23.13	-0.80	22.33	<=33.01	Pass
			13	23.11	-0.80	22.31	<=33.01	Pass
			24	22.97	-0.80	22.17	<=33.01	Pass
		12	0	21.94	-0.80	21.14	<=33.01	Pass
			6	21.80	-0.80	21.00	<=33.01	Pass
			13	21.89	-0.80	21.09	<=33.01	Pass
		25	0	21.85	-0.80	21.05	<=33.01	Pass
	2535	1	0	23.22	-0.80	22.42	<=33.01	Pass
			13	23.05	-0.80	22.25	<=33.01	Pass
			24	23.14	-0.80	22.34	<=33.01	Pass
		12	0	21.98	-0.80	21.18	<=33.01	Pass
			6	21.89	-0.80	21.09	<=33.01	Pass
			13	21.97	-0.80	21.17	<=33.01	Pass
		25	0	21.89	-0.80	21.09	<=33.01	Pass
	2567.5	1	0	23.18	-0.80	22.38	<=33.01	Pass
			13	23.06	-0.80	22.26	<=33.01	Pass
			24	23.23	-0.80	22.43	<=33.01	Pass
		12	0	22.08	-0.80	21.28	<=33.01	Pass
			6	22.01	-0.80	21.21	<=33.01	Pass
			13	22.05	-0.80	21.25	<=33.01	Pass
		25	0	22.03	-0.80	21.23	<=33.01	Pass
64QAM	2502.5	1	0	22.19	-0.80	21.39	<=33.01	Pass
			13	21.96	-0.80	21.16	<=33.01	Pass
			24	22.05	-0.80	21.25	<=33.01	Pass
		12	0	21.02	-0.80	20.22	<=33.01	Pass
			6	20.92	-0.80	20.12	<=33.01	Pass
			13	20.94	-0.80	20.14	<=33.01	Pass

		25	0	20.97	-0.80	20.17	<=33.01	Pass
		1	0	22.14	-0.80	21.34	<=33.01	Pass
			13	22.03	-0.80	21.23	<=33.01	Pass
			24	22.11	-0.80	21.31	<=33.01	Pass
		12	0	21.02	-0.80	20.22	<=33.01	Pass
			6	20.94	-0.80	20.14	<=33.01	Pass
			13	21.02	-0.80	20.22	<=33.01	Pass
			25	20.97	-0.80	20.17	<=33.01	Pass
		2567.5	0	22.20	-0.80	21.40	<=33.01	Pass
			13	22.11	-0.80	21.31	<=33.01	Pass
			24	22.15	-0.80	21.35	<=33.01	Pass
			0	21.10	-0.80	20.30	<=33.01	Pass
			6	21.10	-0.80	20.30	<=33.01	Pass
			13	21.09	-0.80	20.29	<=33.01	Pass
			25	21.09	-0.80	20.29	<=33.01	Pass
			0	19.06	-0.80	18.26	<=33.01	Pass
256QAM	2502.5	1	13	18.87	-0.80	18.07	<=33.01	Pass
			24	18.93	-0.80	18.13	<=33.01	Pass
			0	18.97	-0.80	18.17	<=33.01	Pass
		12	6	18.84	-0.80	18.04	<=33.01	Pass
			13	18.94	-0.80	18.14	<=33.01	Pass
			25	18.96	-0.80	18.16	<=33.01	Pass
		2535	0	19.10	-0.80	18.30	<=33.01	Pass
			13	19.07	-0.80	18.27	<=33.01	Pass
			24	19.05	-0.80	18.25	<=33.01	Pass
			0	18.95	-0.80	18.15	<=33.01	Pass
			6	18.95	-0.80	18.15	<=33.01	Pass
			13	18.93	-0.80	18.13	<=33.01	Pass
			25	18.94	-0.80	18.14	<=33.01	Pass
		2567.5	0	19.14	-0.80	18.34	<=33.01	Pass
			13	19.06	-0.80	18.26	<=33.01	Pass
			24	19.21	-0.80	18.41	<=33.01	Pass
			0	19.06	-0.80	18.26	<=33.01	Pass
			6	19.03	-0.80	18.23	<=33.01	Pass
			13	19.04	-0.80	18.24	<=33.01	Pass
			25	19.08	-0.80	18.28	<=33.01	Pass
			0	19.08	-0.80	18.28	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B7_10MHz_EIRP

Band: 7 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	24.01	-0.80	23.21	<=33.01	Pass
			25	23.89	-0.80	23.09	<=33.01	Pass
			49	23.91	-0.80	23.11	<=33.01	Pass
		25	0	22.97	-0.80	22.17	<=33.01	Pass
			13	22.93	-0.80	22.13	<=33.01	Pass
			25	22.95	-0.80	22.15	<=33.01	Pass
		50	0	22.94	-0.80	22.14	<=33.01	Pass
	2535	1	0	23.95	-0.80	23.15	<=33.01	Pass
			25	23.91	-0.80	23.11	<=33.01	Pass
			49	23.93	-0.80	23.13	<=33.01	Pass
		25	0	22.90	-0.80	22.10	<=33.01	Pass
			13	22.85	-0.80	22.05	<=33.01	Pass
			25	22.91	-0.80	22.11	<=33.01	Pass
		50	0	22.84	-0.80	22.04	<=33.01	Pass

	2565	1	0	24.19	-0.80	23.39	<=33.01	Pass		
			25	23.99	-0.80	23.19	<=33.01	Pass		
			49	23.94	-0.80	23.14	<=33.01	Pass		
		25	0	23.06	-0.80	22.26	<=33.01	Pass		
			13	22.93	-0.80	22.13	<=33.01	Pass		
			25	22.97	-0.80	22.17	<=33.01	Pass		
		50	0	22.98	-0.80	22.18	<=33.01	Pass		
		16QAM	2505	1	0	23.29	-0.80	22.49	<=33.01	Pass
					25	22.90	-0.80	22.10	<=33.01	Pass
49	23.04				-0.80	22.24	<=33.01	Pass		
25	0			22.01	-0.80	21.21	<=33.01	Pass		
	13			21.93	-0.80	21.13	<=33.01	Pass		
	25			21.95	-0.80	21.15	<=33.01	Pass		
50	0			21.98	-0.80	21.18	<=33.01	Pass		
2535	1			0	23.18	-0.80	22.38	<=33.01	Pass	
				25	23.06	-0.80	22.26	<=33.01	Pass	
			49	23.19	-0.80	22.39	<=33.01	Pass		
	25		0	21.94	-0.80	21.14	<=33.01	Pass		
			13	21.91	-0.80	21.11	<=33.01	Pass		
			25	21.94	-0.80	21.14	<=33.01	Pass		
	50		0	21.91	-0.80	21.11	<=33.01	Pass		
	2565		1	0	23.44	-0.80	22.64	<=33.01	Pass	
				25	23.10	-0.80	22.30	<=33.01	Pass	
49				23.28	-0.80	22.48	<=33.01	Pass		
25			0	22.11	-0.80	21.31	<=33.01	Pass		
			13	22.02	-0.80	21.22	<=33.01	Pass		
			25	22.05	-0.80	21.25	<=33.01	Pass		
50			0	22.07	-0.80	21.27	<=33.01	Pass		
64QAM			2505	1	0	22.17	-0.80	21.37	<=33.01	Pass
					25	22.05	-0.80	21.25	<=33.01	Pass
	49				22.05	-0.80	21.25	<=33.01	Pass	
	25			0	21.04	-0.80	20.24	<=33.01	Pass	
				13	20.98	-0.80	20.18	<=33.01	Pass	
				25	21.01	-0.80	20.21	<=33.01	Pass	
	50	0		21.02	-0.80	20.22	<=33.01	Pass		
	2535	1		0	22.15	-0.80	21.35	<=33.01	Pass	
				25	22.06	-0.80	21.26	<=33.01	Pass	
			49	22.16	-0.80	21.36	<=33.01	Pass		
		25	0	20.98	-0.80	20.18	<=33.01	Pass		
			13	20.97	-0.80	20.17	<=33.01	Pass		
			25	21.00	-0.80	20.20	<=33.01	Pass		
	50	0	20.99	-0.80	20.19	<=33.01	Pass			
	2565	1	0	22.24	-0.80	21.44	<=33.01	Pass		
			25	22.08	-0.80	21.28	<=33.01	Pass		
			49	22.21	-0.80	21.41	<=33.01	Pass		
		25	0	21.12	-0.80	20.32	<=33.01	Pass		
			13	21.05	-0.80	20.25	<=33.01	Pass		
			25	21.08	-0.80	20.28	<=33.01	Pass		
		50	0	21.13	-0.80	20.33	<=33.01	Pass		
256QAM		2505	1	0	19.24	-0.80	18.44	<=33.01	Pass	
				25	19.02	-0.80	18.22	<=33.01	Pass	
	49			19.06	-0.80	18.26	<=33.01	Pass		
	25		0	19.06	-0.80	18.26	<=33.01	Pass		
			13	19.02	-0.80	18.22	<=33.01	Pass		
			25	18.97	-0.80	18.17	<=33.01	Pass		
	50		0	19.02	-0.80	18.22	<=33.01	Pass		
	2535		1	0	19.17	-0.80	18.37	<=33.01	Pass	
				25	19.03	-0.80	18.23	<=33.01	Pass	
49		19.12		-0.80	18.32	<=33.01	Pass			

		25	0	18.95	-0.80	18.15	<=33.01	Pass
			13	18.93	-0.80	18.13	<=33.01	Pass
			25	18.98	-0.80	18.18	<=33.01	Pass
		50	0	18.99	-0.80	18.19	<=33.01	Pass
	2565	1	0	19.30	-0.80	18.50	<=33.01	Pass
			25	19.11	-0.80	18.31	<=33.01	Pass
			49	19.16	-0.80	18.36	<=33.01	Pass
		25	0	19.10	-0.80	18.30	<=33.01	Pass
			13	19.02	-0.80	18.22	<=33.01	Pass
			25	19.11	-0.80	18.31	<=33.01	Pass
		50	0	19.08	-0.80	18.28	<=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	24.01	-0.80	23.21	<=33.01	Pass
			38	23.90	-0.80	23.10	<=33.01	Pass
			74	23.96	-0.80	23.16	<=33.01	Pass
		36	0	22.96	-0.80	22.16	<=33.01	Pass
			18	22.85	-0.80	22.05	<=33.01	Pass
			39	22.86	-0.80	22.06	<=33.01	Pass
		75	0	22.92	-0.80	22.12	<=33.01	Pass
	2535	1	0	23.96	-0.80	23.16	<=33.01	Pass
			38	23.90	-0.80	23.10	<=33.01	Pass
			74	23.94	-0.80	23.14	<=33.01	Pass
		36	0	22.88	-0.80	22.08	<=33.01	Pass
			18	22.83	-0.80	22.03	<=33.01	Pass
			39	22.86	-0.80	22.06	<=33.01	Pass
		75	0	22.88	-0.80	22.08	<=33.01	Pass
	2562.5	1	0	24.25	-0.80	23.45	<=33.01	Pass
			38	23.98	-0.80	23.18	<=33.01	Pass
			74	23.97	-0.80	23.17	<=33.01	Pass
		36	0	23.10	-0.80	22.30	<=33.01	Pass
			18	22.98	-0.80	22.18	<=33.01	Pass
			39	22.99	-0.80	22.19	<=33.01	Pass
		75	0	23.05	-0.80	22.25	<=33.01	Pass
16QAM	2507.5	1	0	23.28	-0.80	22.48	<=33.01	Pass
			38	23.08	-0.80	22.28	<=33.01	Pass
			74	23.19	-0.80	22.39	<=33.01	Pass
		36	0	21.99	-0.80	21.19	<=33.01	Pass
			18	21.91	-0.80	21.11	<=33.01	Pass
			39	21.92	-0.80	21.12	<=33.01	Pass
		75	0	21.88	-0.80	21.08	<=33.01	Pass
	2535	1	0	23.10	-0.80	22.30	<=33.01	Pass
			38	23.10	-0.80	22.30	<=33.01	Pass
			74	23.17	-0.80	22.37	<=33.01	Pass
		36	0	21.91	-0.80	21.11	<=33.01	Pass
			18	21.87	-0.80	21.07	<=33.01	Pass
			39	21.91	-0.80	21.11	<=33.01	Pass
		75	0	21.88	-0.80	21.08	<=33.01	Pass
	2562.5	1	0	23.48	-0.80	22.68	<=33.01	Pass
			38	23.18	-0.80	22.38	<=33.01	Pass
			74	23.27	-0.80	22.47	<=33.01	Pass
		36	0	22.12	-0.80	21.32	<=33.01	Pass

			18	22.03	-0.80	21.23	<=33.01	Pass	
			39	22.04	-0.80	21.24	<=33.01	Pass	
		75	0	22.01	-0.80	21.21	<=33.01	Pass	
64QAM	2507.5	1	0	22.10	-0.80	21.30	<=33.01	Pass	
			38	22.08	-0.80	21.28	<=33.01	Pass	
			74	22.11	-0.80	21.31	<=33.01	Pass	
		36	0	21.09	-0.80	20.29	<=33.01	Pass	
			18	20.99	-0.80	20.19	<=33.01	Pass	
			39	20.97	-0.80	20.17	<=33.01	Pass	
		75	0	20.95	-0.80	20.15	<=33.01	Pass	
		2535	1	0	22.15	-0.80	21.35	<=33.01	Pass
				38	22.07	-0.80	21.27	<=33.01	Pass
	74			22.16	-0.80	21.36	<=33.01	Pass	
	36		0	21.00	-0.80	20.20	<=33.01	Pass	
			18	20.97	-0.80	20.17	<=33.01	Pass	
			39	20.98	-0.80	20.18	<=33.01	Pass	
	75		0	20.93	-0.80	20.13	<=33.01	Pass	
	2562.5		1	0	22.35	-0.80	21.55	<=33.01	Pass
				38	22.16	-0.80	21.36	<=33.01	Pass
		74		22.13	-0.80	21.33	<=33.01	Pass	
		36	0	21.16	-0.80	20.36	<=33.01	Pass	
			18	21.11	-0.80	20.31	<=33.01	Pass	
			39	21.08	-0.80	20.28	<=33.01	Pass	
		75	0	21.10	-0.80	20.30	<=33.01	Pass	
256QAM		2507.5	1	0	19.21	-0.80	18.41	<=33.01	Pass
				38	19.06	-0.80	18.26	<=33.01	Pass
	74			19.11	-0.80	18.31	<=33.01	Pass	
	36		0	19.03	-0.80	18.23	<=33.01	Pass	
			18	18.94	-0.80	18.14	<=33.01	Pass	
			39	18.95	-0.80	18.15	<=33.01	Pass	
	75		0	18.98	-0.80	18.18	<=33.01	Pass	
	2535		1	0	19.14	-0.80	18.34	<=33.01	Pass
				38	19.11	-0.80	18.31	<=33.01	Pass
		74		19.08	-0.80	18.28	<=33.01	Pass	
		36	0	18.94	-0.80	18.14	<=33.01	Pass	
			18	18.94	-0.80	18.14	<=33.01	Pass	
			39	18.95	-0.80	18.15	<=33.01	Pass	
		75	0	18.96	-0.80	18.16	<=33.01	Pass	
		2562.5	1	0	19.25	-0.80	18.45	<=33.01	Pass
				38	19.13	-0.80	18.33	<=33.01	Pass
	74			19.14	-0.80	18.34	<=33.01	Pass	
	36		0	19.12	-0.80	18.32	<=33.01	Pass	
			18	19.08	-0.80	18.28	<=33.01	Pass	
			39	19.03	-0.80	18.23	<=33.01	Pass	
	75		0	19.08	-0.80	18.28	<=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	23.99	-0.80	23.19	<=33.01	Pass
			50	23.84	-0.80	23.04	<=33.01	Pass
			99	23.90	-0.80	23.10	<=33.01	Pass
		50	0	22.95	-0.80	22.15	<=33.01	Pass
			25	22.86	-0.80	22.06	<=33.01	Pass

			50	22.94	-0.80	22.14	<=33.01	Pass	
		100	0	22.89	-0.80	22.09	<=33.01	Pass	
		2535	1	0	23.99	-0.80	23.19	<=33.01	Pass
				50	23.87	-0.80	23.07	<=33.01	Pass
				99	23.92	-0.80	23.12	<=33.01	Pass
				0	22.94	-0.80	22.14	<=33.01	Pass
			50	25	22.87	-0.80	22.07	<=33.01	Pass
		50		22.93	-0.80	22.13	<=33.01	Pass	
		100		0	22.91	-0.80	22.11	<=33.01	Pass
		2560	1	0	24.14	-0.80	23.34	<=33.01	Pass
	50			24.05	-0.80	23.25	<=33.01	Pass	
	99			23.95	-0.80	23.15	<=33.01	Pass	
	50		0	23.16	-0.80	22.36	<=33.01	Pass	
			25	23.04	-0.80	22.24	<=33.01	Pass	
			50	23.02	-0.80	22.22	<=33.01	Pass	
100	0	23.07	-0.80	22.27	<=33.01	Pass			
16QAM	2510	1	0	23.25	-0.80	22.45	<=33.01	Pass	
			50	23.11	-0.80	22.31	<=33.01	Pass	
			99	23.23	-0.80	22.43	<=33.01	Pass	
		50	0	22.01	-0.80	21.21	<=33.01	Pass	
			25	21.90	-0.80	21.10	<=33.01	Pass	
			50	21.94	-0.80	21.14	<=33.01	Pass	
		100	0	21.96	-0.80	21.16	<=33.01	Pass	
		2535	1	0	23.34	-0.80	22.54	<=33.01	Pass
				50	23.05	-0.80	22.25	<=33.01	Pass
				99	23.09	-0.80	22.29	<=33.01	Pass
	50		0	21.98	-0.80	21.18	<=33.01	Pass	
			25	21.91	-0.80	21.11	<=33.01	Pass	
			50	21.97	-0.80	21.17	<=33.01	Pass	
	100		0	21.95	-0.80	21.15	<=33.01	Pass	
	2560	1	0	23.37	-0.80	22.57	<=33.01	Pass	
			50	23.23	-0.80	22.43	<=33.01	Pass	
			99	23.03	-0.80	22.23	<=33.01	Pass	
		50	0	22.19	-0.80	21.39	<=33.01	Pass	
			25	22.08	-0.80	21.28	<=33.01	Pass	
			50	22.12	-0.80	21.32	<=33.01	Pass	
	100	0	22.16	-0.80	21.36	<=33.01	Pass		
	64QAM	2510	1	0	22.12	-0.80	21.32	<=33.01	Pass
				50	22.10	-0.80	21.30	<=33.01	Pass
				99	22.08	-0.80	21.28	<=33.01	Pass
50			0	21.06	-0.80	20.26	<=33.01	Pass	
			25	20.98	-0.80	20.18	<=33.01	Pass	
			50	21.01	-0.80	20.21	<=33.01	Pass	
100			0	21.05	-0.80	20.25	<=33.01	Pass	
2535			1	0	22.15	-0.80	21.35	<=33.01	Pass
				50	22.05	-0.80	21.25	<=33.01	Pass
				99	22.30	-0.80	21.50	<=33.01	Pass
		50	0	21.02	-0.80	20.22	<=33.01	Pass	
			25	21.00	-0.80	20.20	<=33.01	Pass	
			50	21.01	-0.80	20.21	<=33.01	Pass	
		100	0	21.02	-0.80	20.22	<=33.01	Pass	
2560		1	0	22.35	-0.80	21.55	<=33.01	Pass	
			50	22.26	-0.80	21.46	<=33.01	Pass	
			99	22.26	-0.80	21.46	<=33.01	Pass	
		50	0	21.24	-0.80	20.44	<=33.01	Pass	
			25	21.15	-0.80	20.35	<=33.01	Pass	
			50	21.15	-0.80	20.35	<=33.01	Pass	
		100	0	21.21	-0.80	20.41	<=33.01	Pass	
		256QAM	2510	1	0	19.19	-0.80	18.39	<=33.01

			50	19.10	-0.80	18.30	<=33.01	Pass
			99	19.03	-0.80	18.23	<=33.01	Pass
		50	0	19.03	-0.80	18.23	<=33.01	Pass
			25	18.96	-0.80	18.16	<=33.01	Pass
			50	18.97	-0.80	18.17	<=33.01	Pass
		100	0	19.02	-0.80	18.22	<=33.01	Pass
	2535	1	0	19.13	-0.80	18.33	<=33.01	Pass
			50	19.13	-0.80	18.33	<=33.01	Pass
			99	19.18	-0.80	18.38	<=33.01	Pass
		50	0	19.00	-0.80	18.20	<=33.01	Pass
			25	18.97	-0.80	18.17	<=33.01	Pass
			50	18.97	-0.80	18.17	<=33.01	Pass
	100	0	19.00	-0.80	18.20	<=33.01	Pass	
	2560	1	0	19.33	-0.80	18.53	<=33.01	Pass
			50	19.29	-0.80	18.49	<=33.01	Pass
			99	19.25	-0.80	18.45	<=33.01	Pass
		50	0	19.20	-0.80	18.40	<=33.01	Pass
			25	19.14	-0.80	18.34	<=33.01	Pass
			50	19.13	-0.80	18.33	<=33.01	Pass
	100	0	19.20	-0.80	18.40	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

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	-2.689	-0.0011	-2.5 to 2.5	Pass
					NV	-4.020	-0.0016	-2.5 to 2.5	Pass
					HV	-0.529	-0.0002	-2.5 to 2.5	Pass
				-30	NV	-0.501	-0.0002	-2.5 to 2.5	Pass
				-20	NV	2.933	0.0012	-2.5 to 2.5	Pass
				-10	NV	-6.852	-0.0027	-2.5 to 2.5	Pass
				0	NV	1.588	0.0006	-2.5 to 2.5	Pass
				10	NV	-0.544	-0.0002	-2.5 to 2.5	Pass
				30	NV	-0.715	-0.0003	-2.5 to 2.5	Pass
				40	NV	-3.490	-0.0014	-2.5 to 2.5	Pass
50	NV	-2.704	-0.0011	-2.5 to 2.5	Pass				

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.540	/	Pass

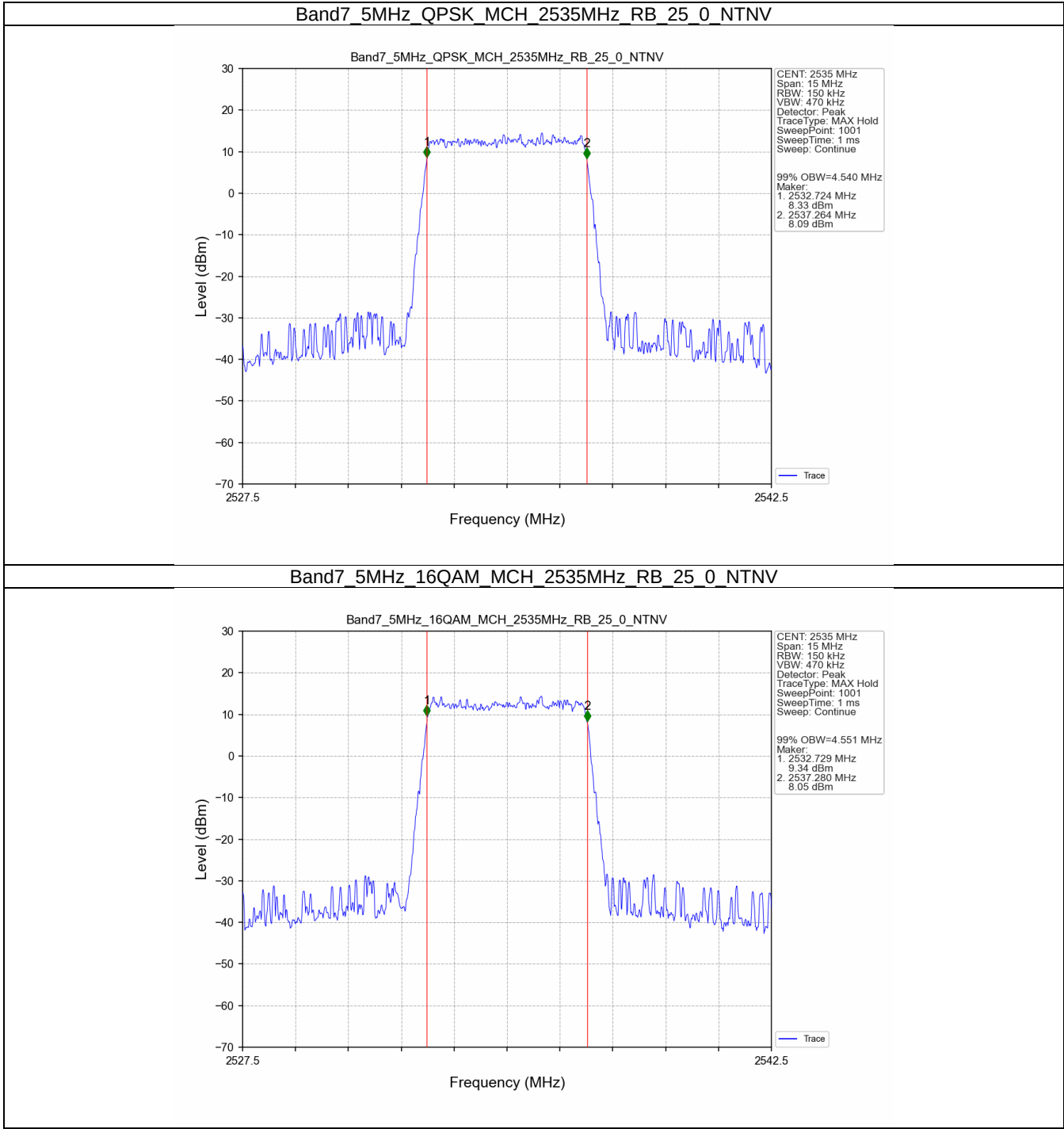
	16QAM	2535	25	0	4.551	/	Pass
10	QPSK	2535	50	0	9.059	/	Pass
	16QAM	2535	50	0	9.076	/	Pass
15	QPSK	2535	75	0	13.578	/	Pass
	16QAM	2535	75	0	13.580	/	Pass
20	QPSK	2535	100	0	18.024	/	Pass
	16QAM	2535	100	0	18.051	/	Pass

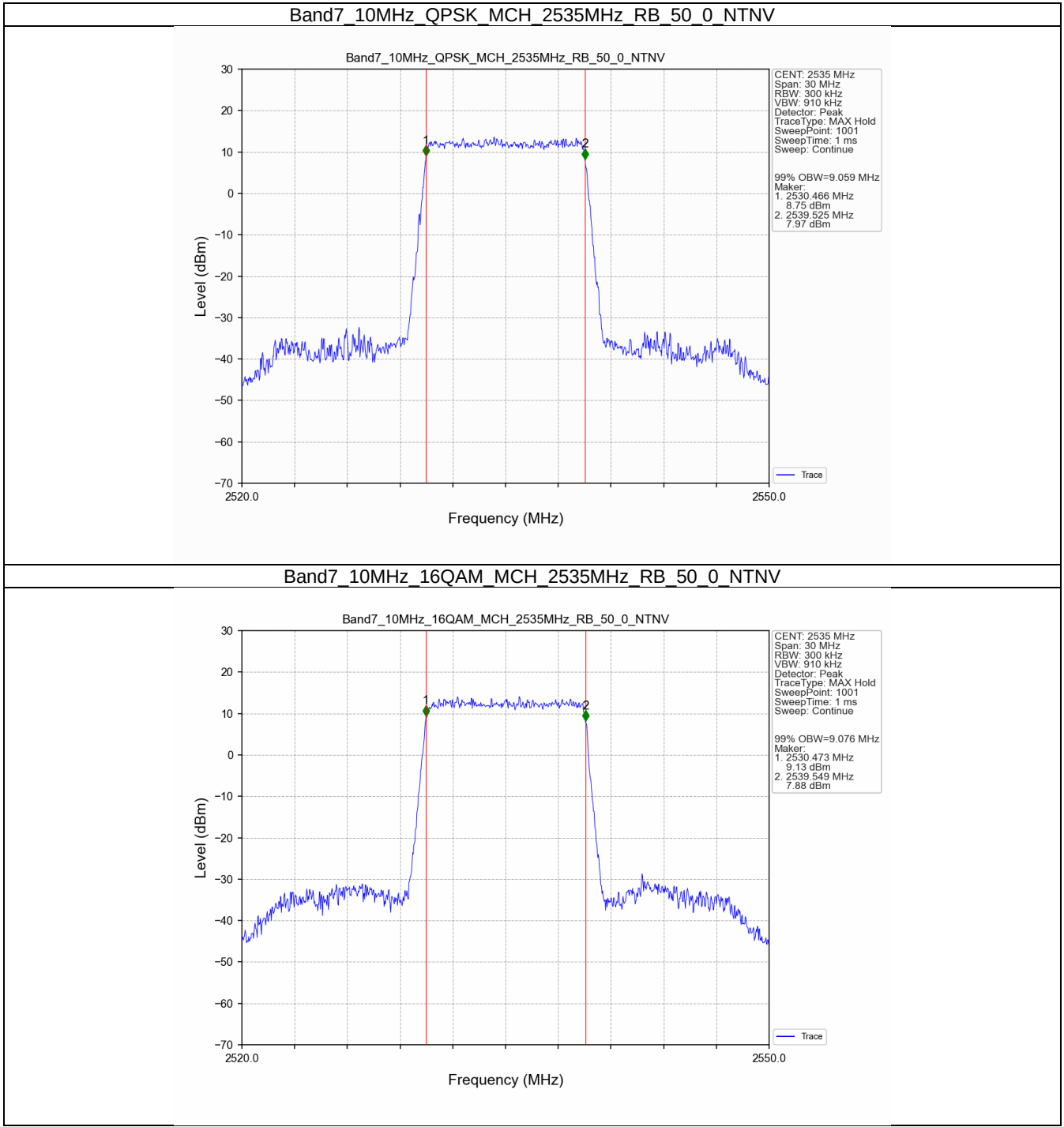
3.1.2 Band7_XDB

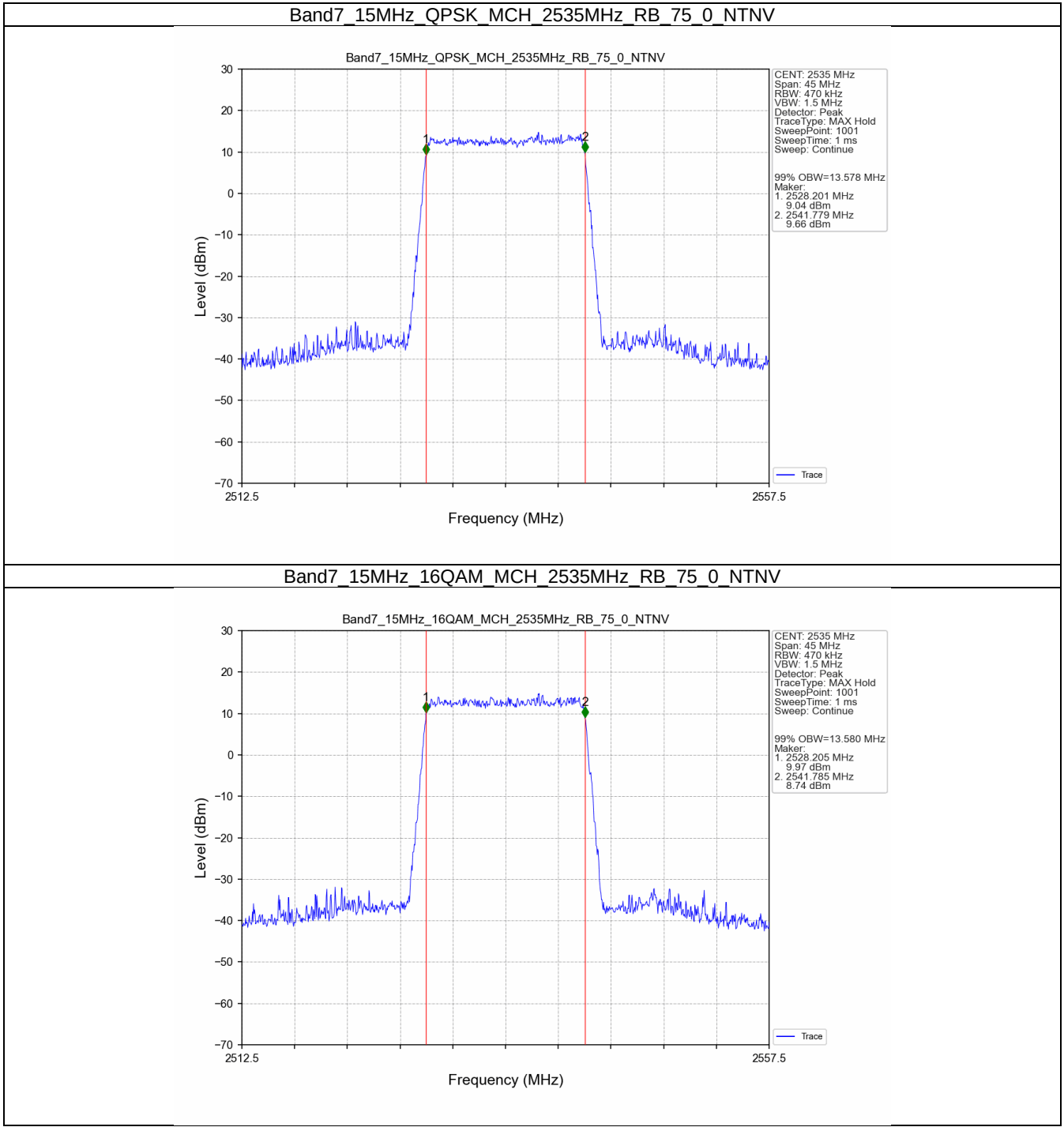
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	5.080	/	Pass
	16QAM	2535	25	0	5.083	/	Pass
10	QPSK	2535	50	0	9.967	/	Pass
	16QAM	2535	50	0	9.965	/	Pass
15	QPSK	2535	75	0	14.877	/	Pass
	16QAM	2535	75	0	14.903	/	Pass
20	QPSK	2535	100	0	19.734	/	Pass
	16QAM	2535	100	0	19.693	/	Pass

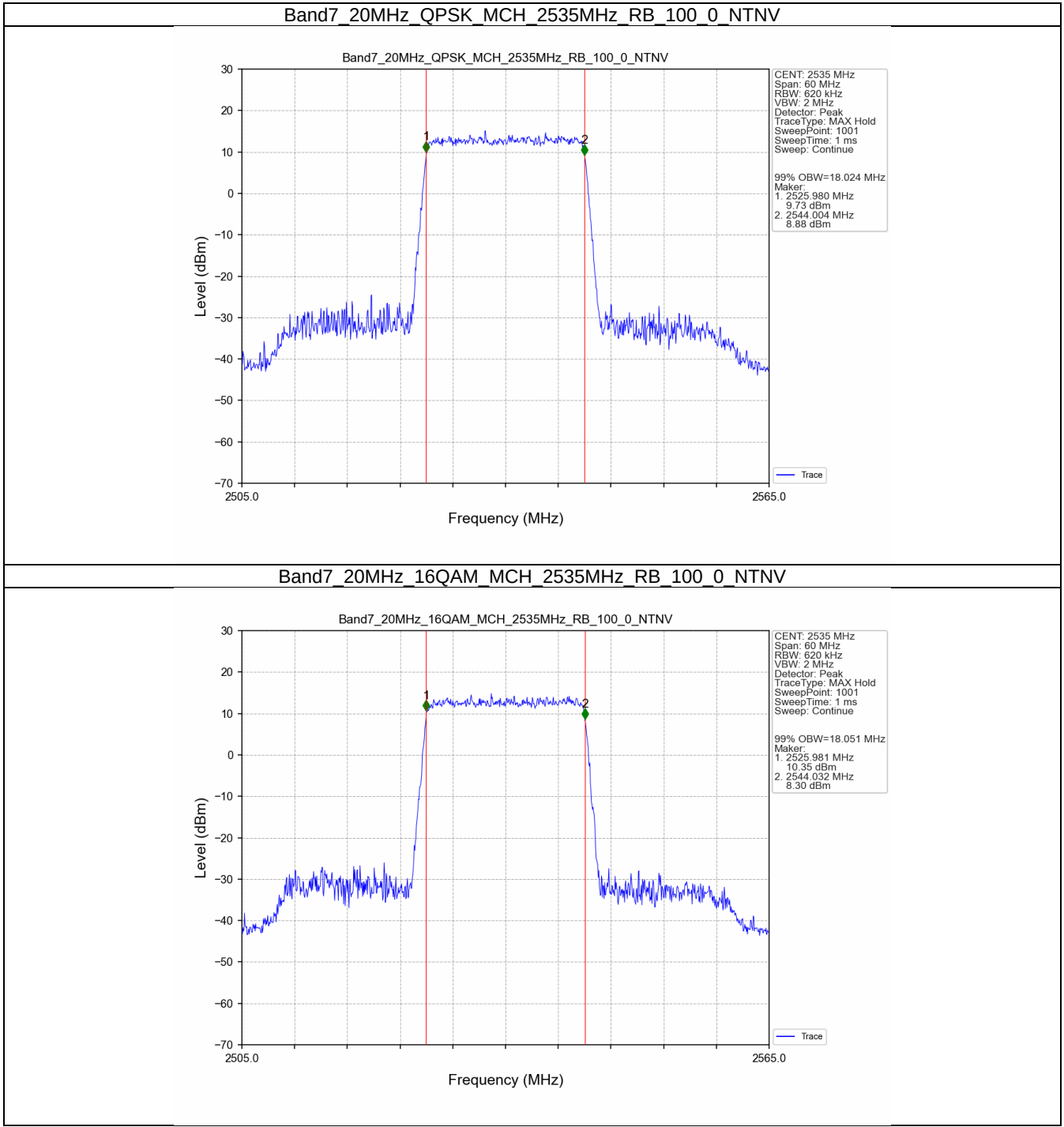
3.2 Test Graph

3.2.1 Band7_OBW

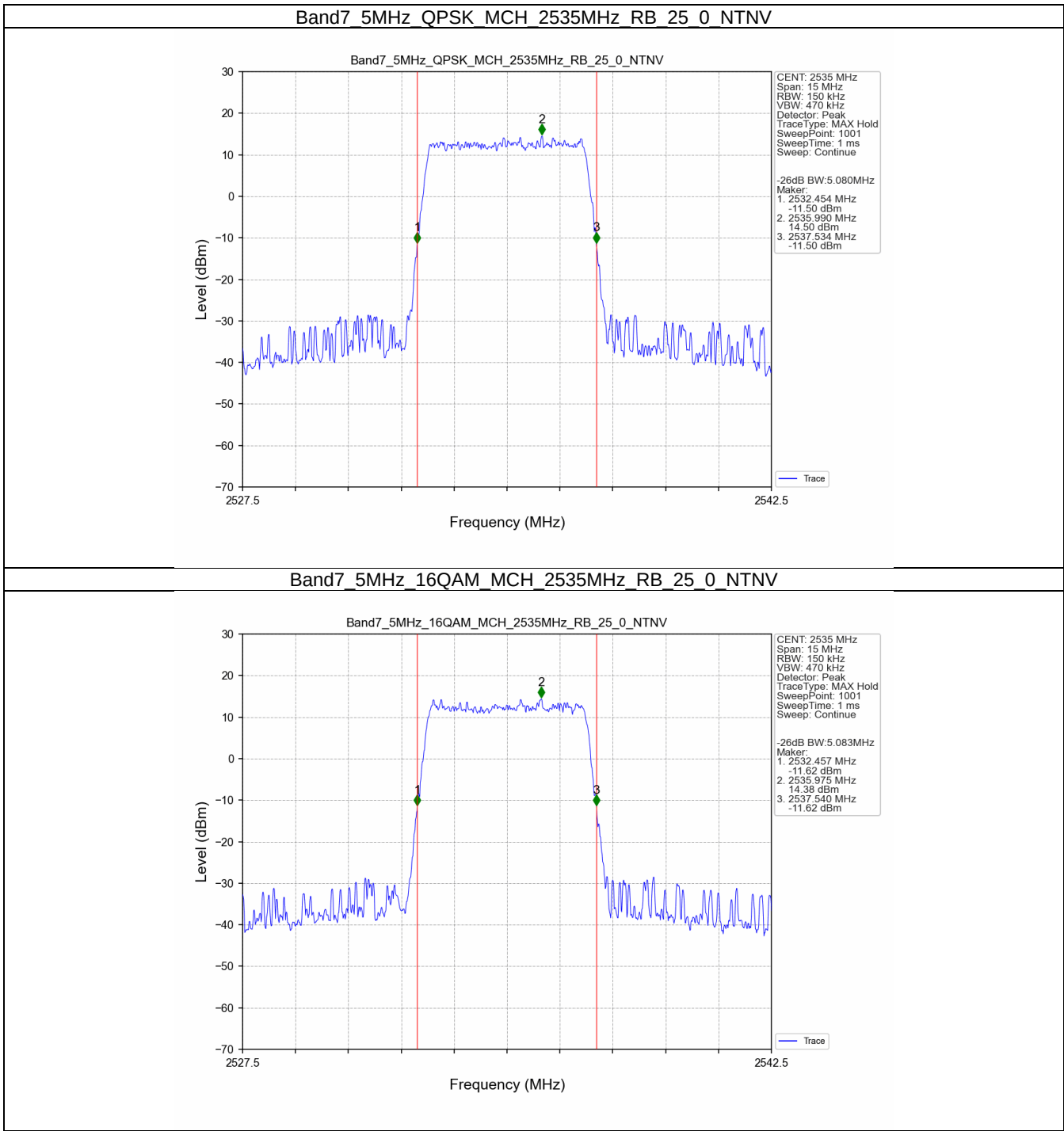




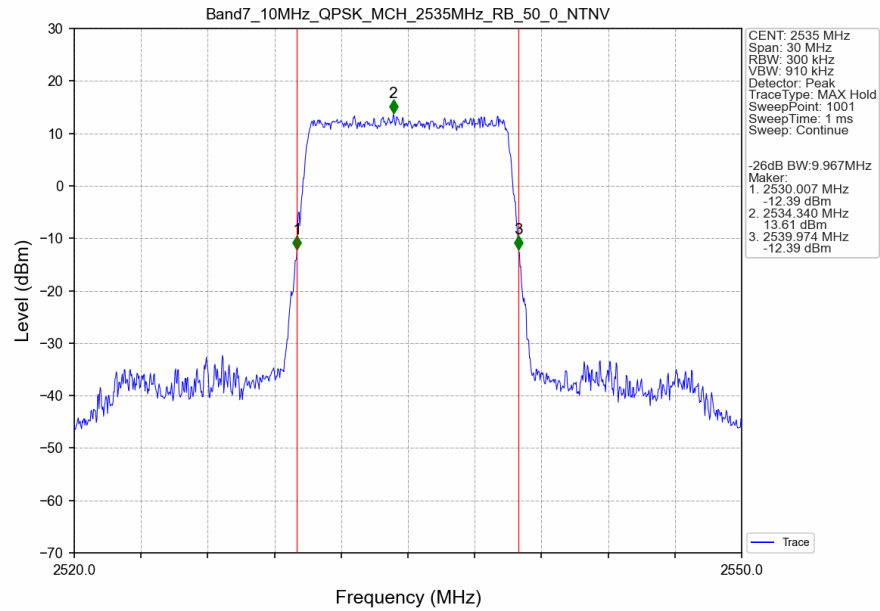




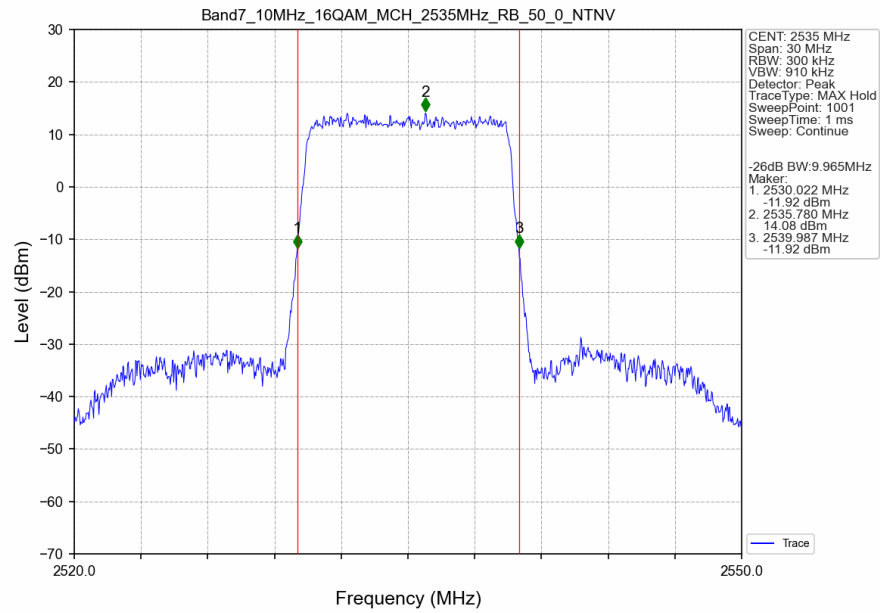
3.2.2 Band7_XDB



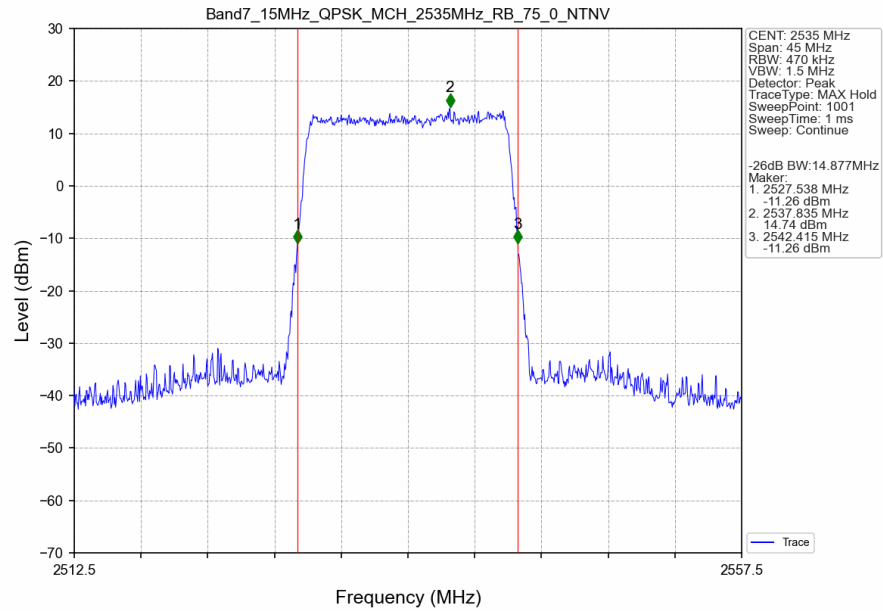
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



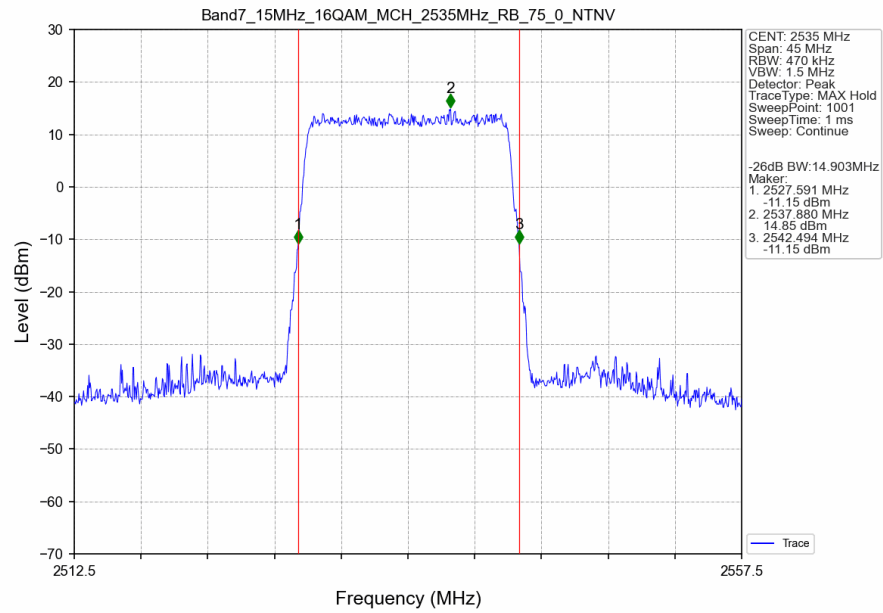
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



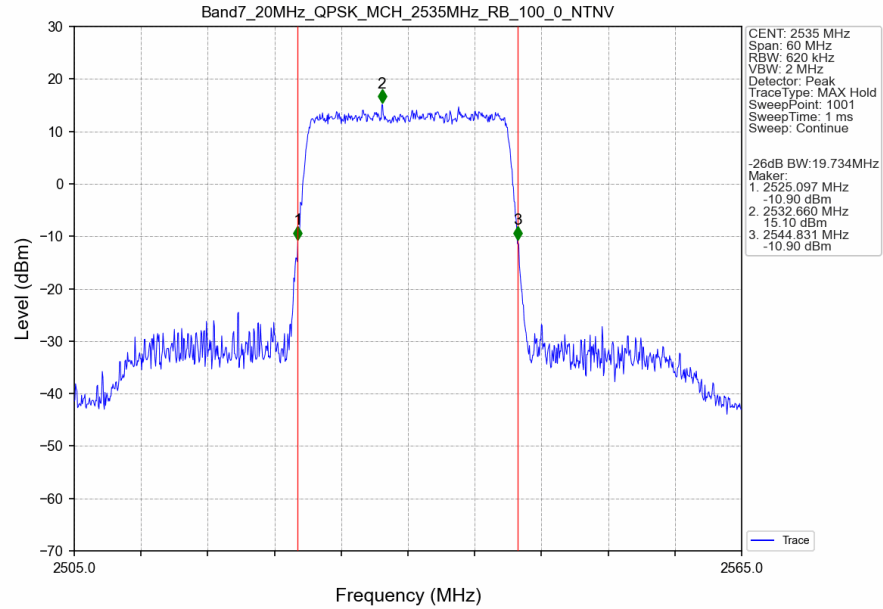
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



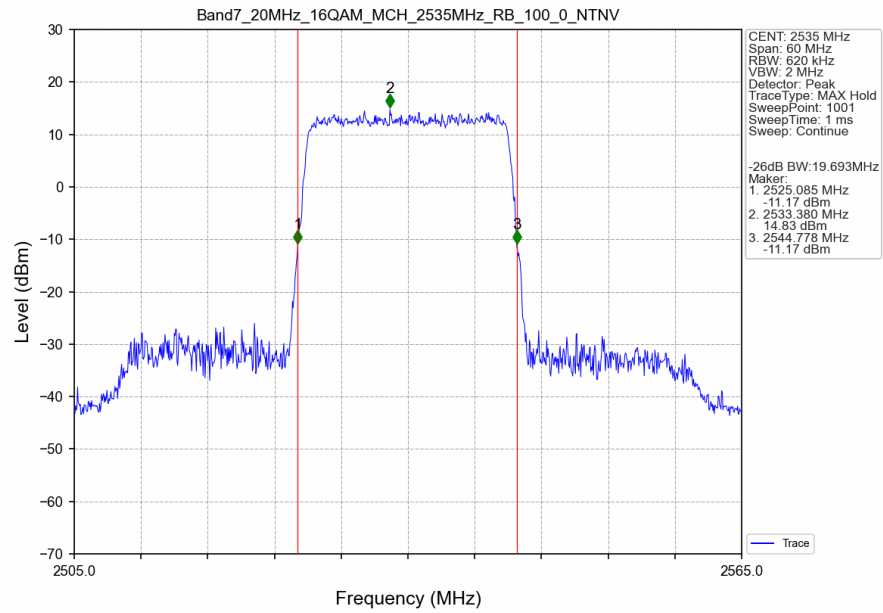
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



4. Peak-Average Ratio

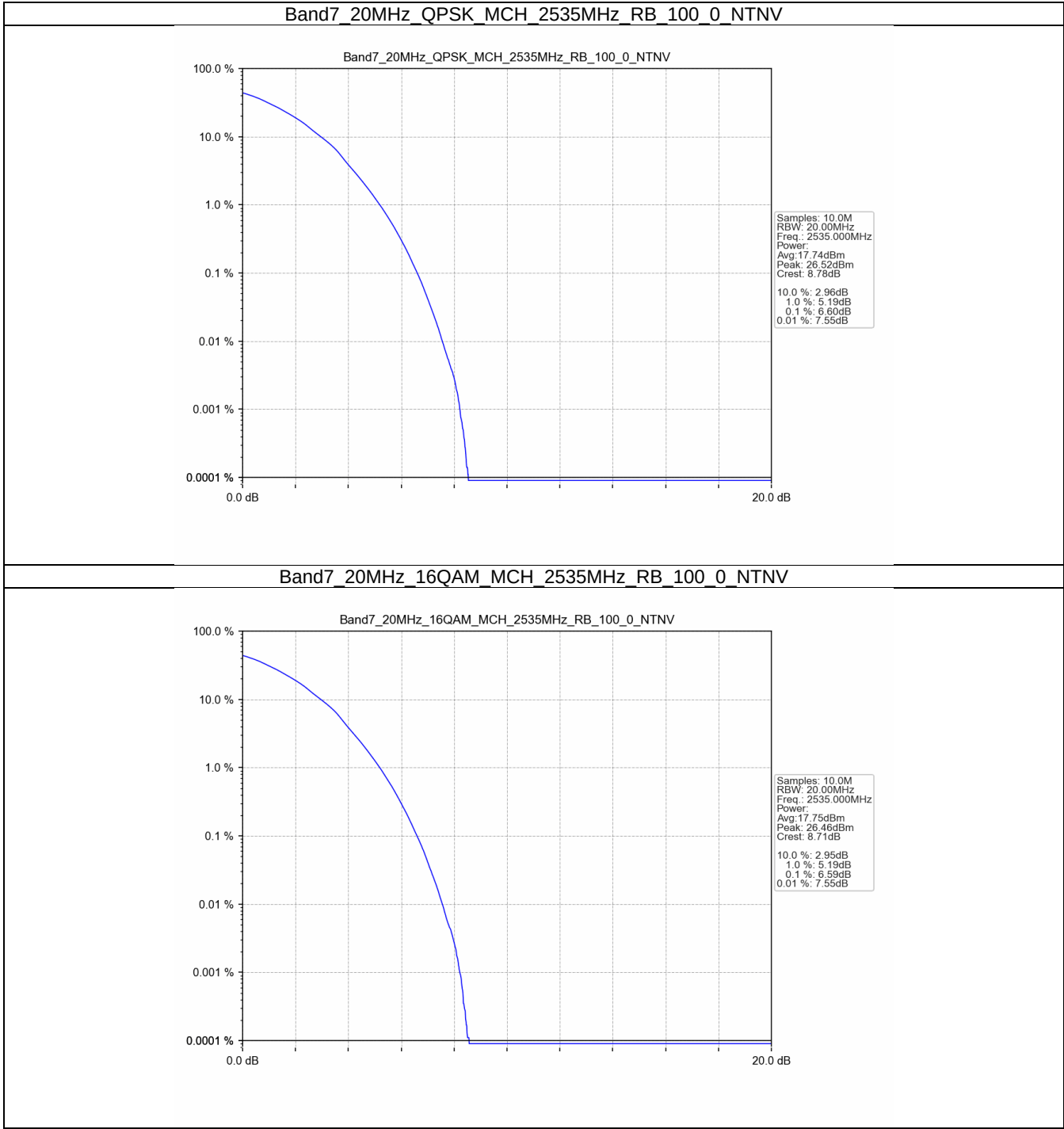
4.1 Test Result

4.1.1 B7_20MHz

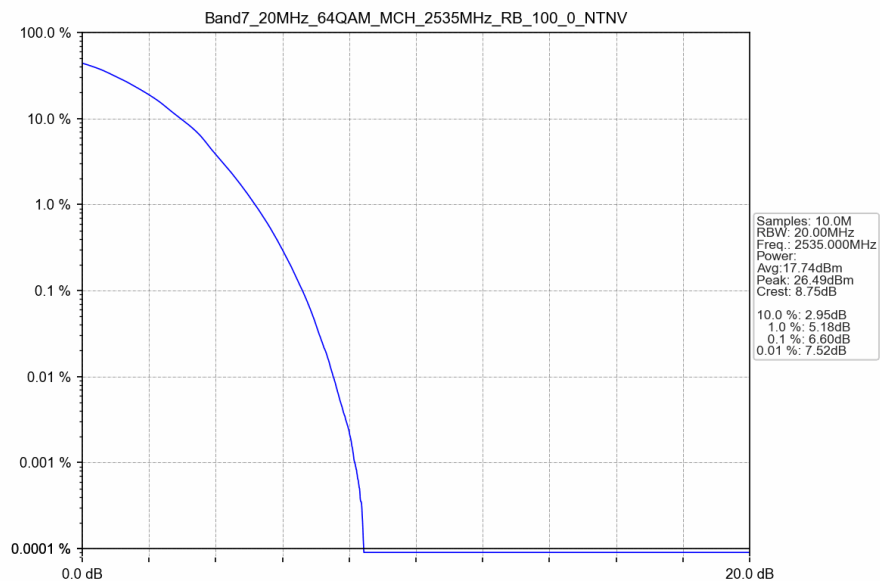
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	6.60	<=13	Pass
16QAM	2535	100	0	6.59	<=13	Pass
64QAM	2535	100	0	6.60	<=13	Pass
256QAM	2535	100	0	6.66	<=13	Pass

4.2 Test Graph

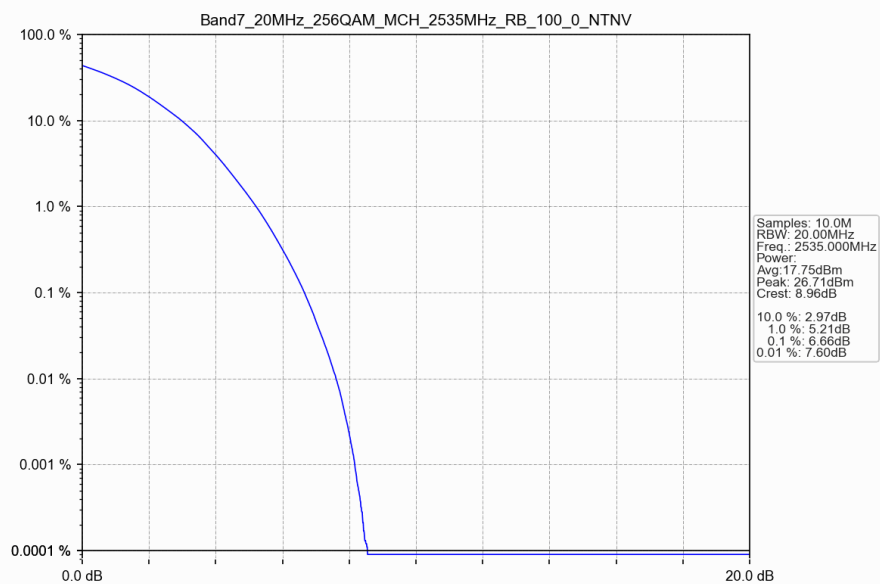
4.2.1 B7_20MHz



Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTNV



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 / NTNV						
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 / 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		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

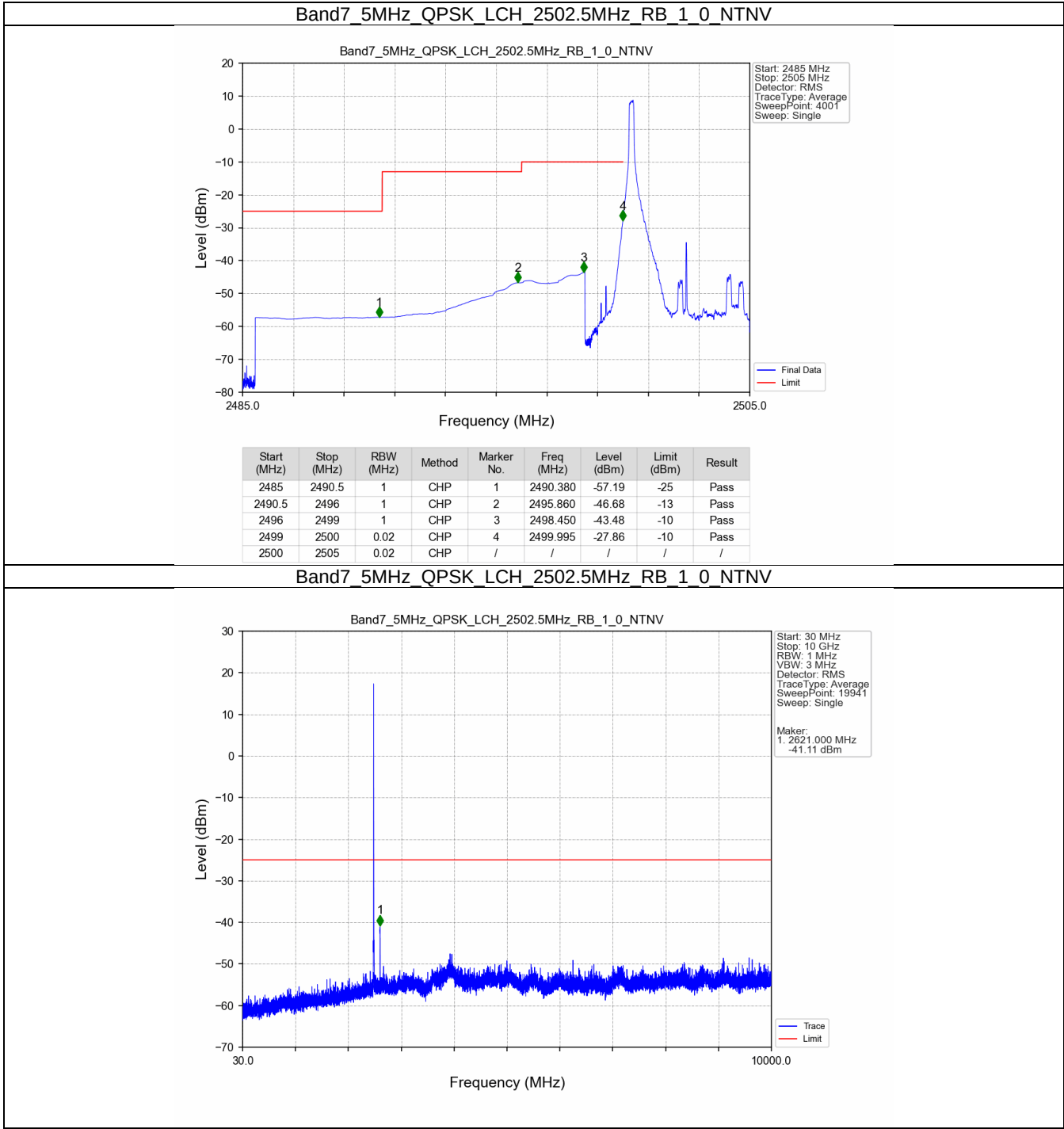
5.1.4 B7_20MHz

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

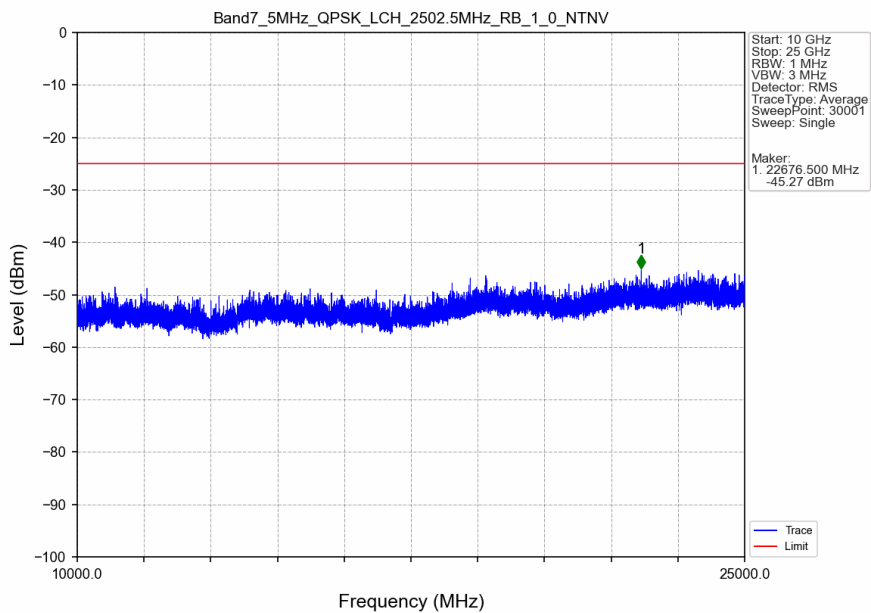
		100	0	Refer To Test Graph	Pass
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5.2 Test Graph

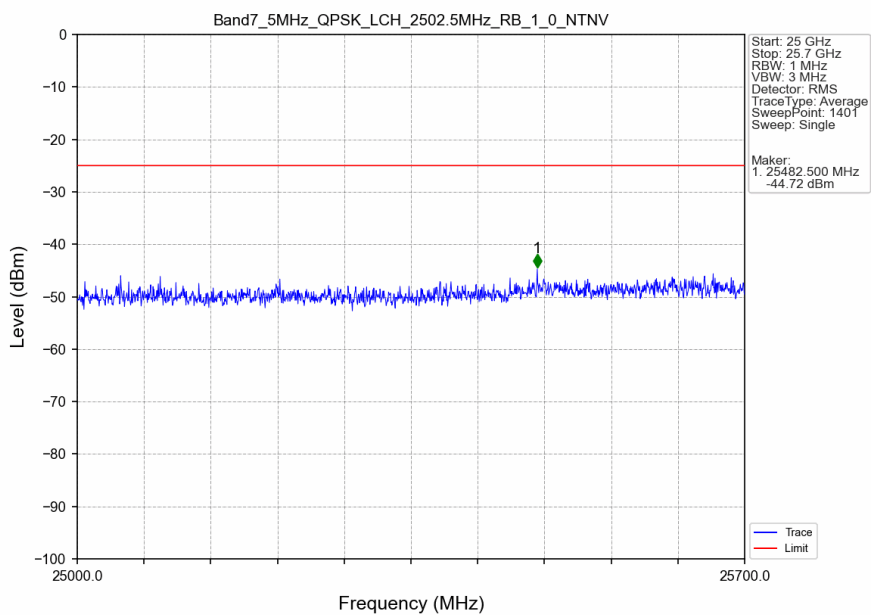
5.2.1 B7_5MHz

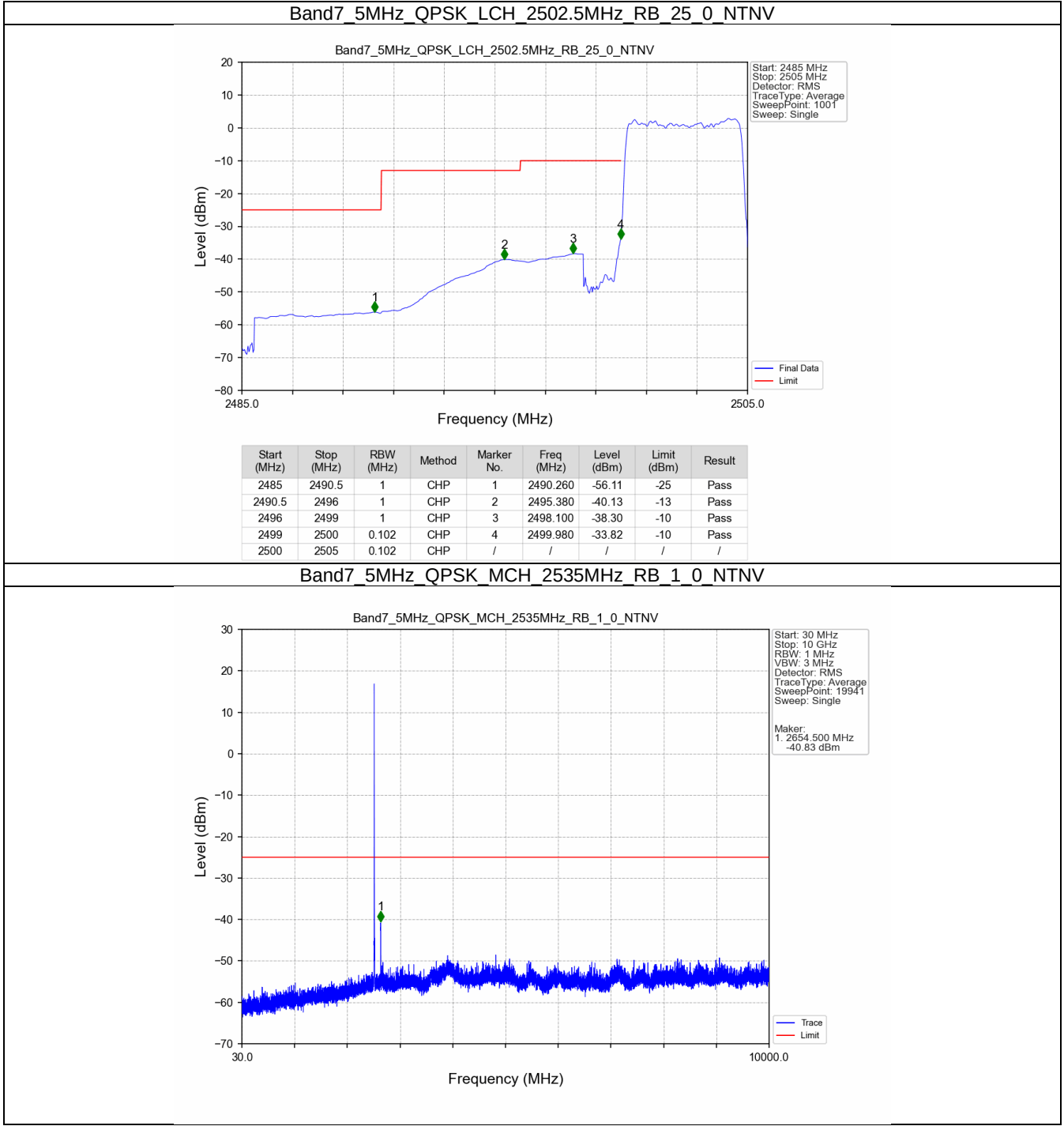


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

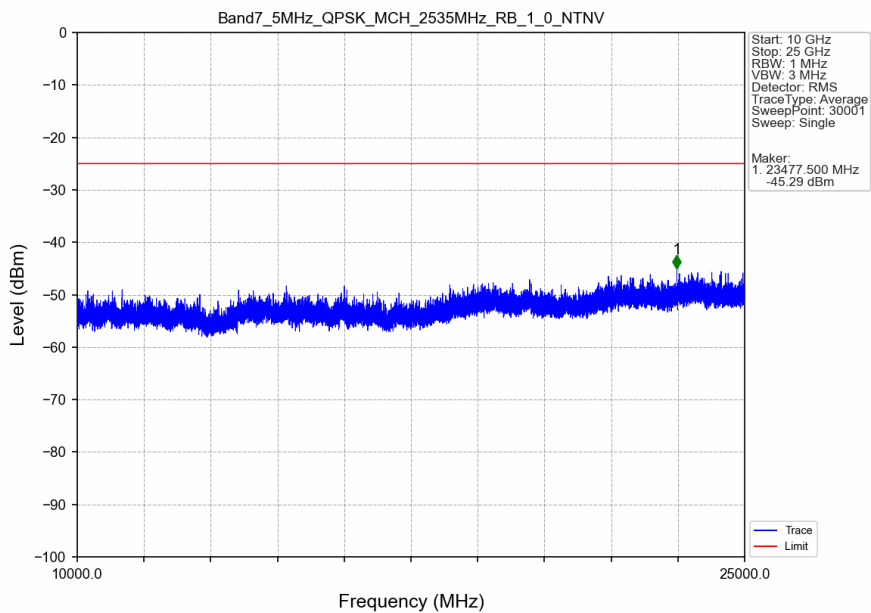


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

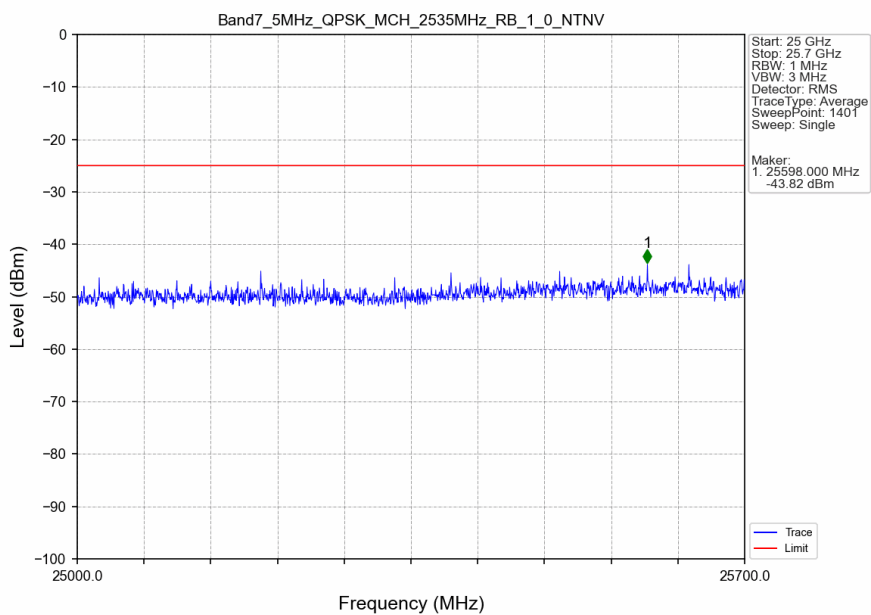




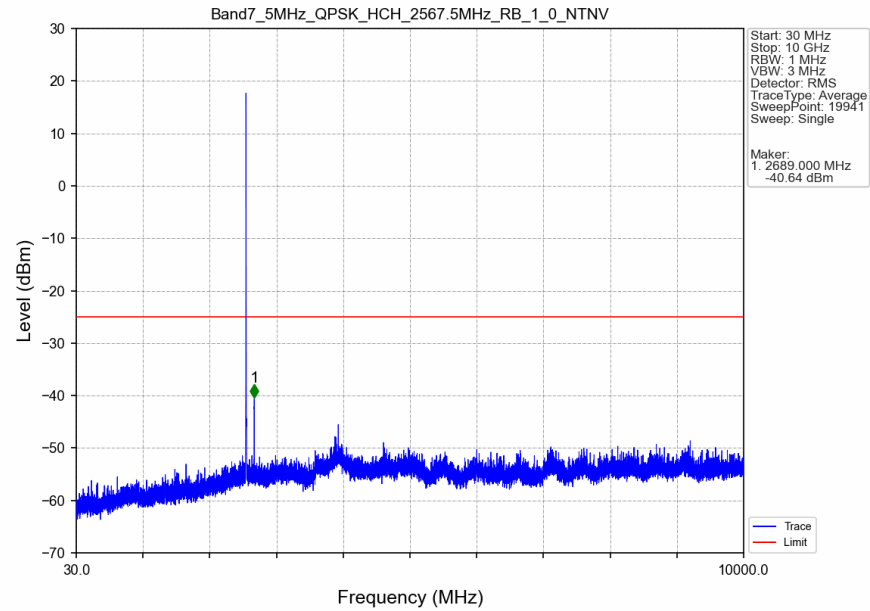
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



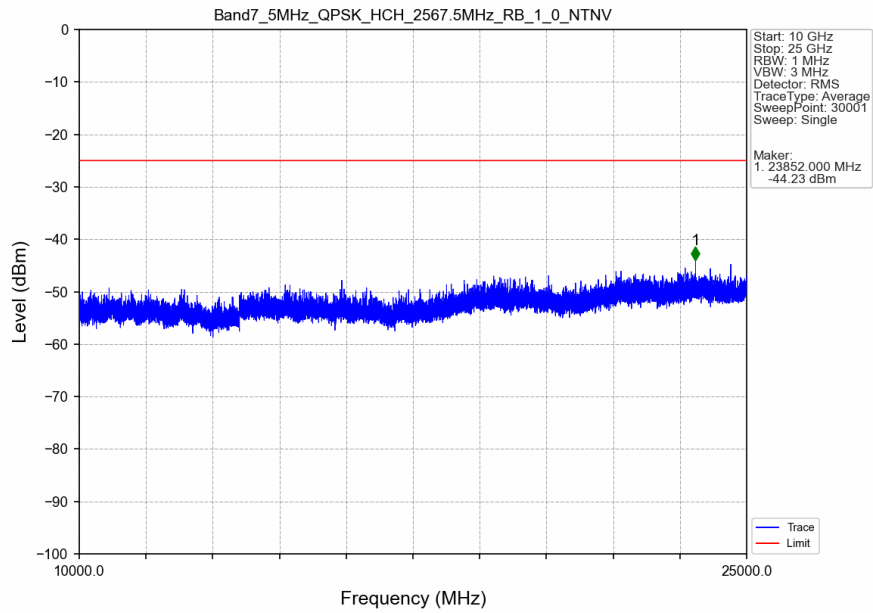
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



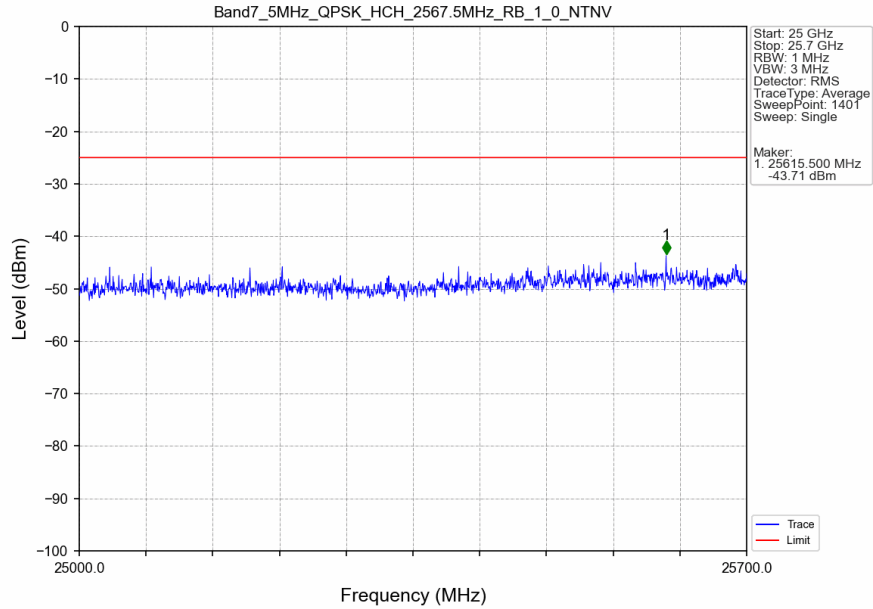
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



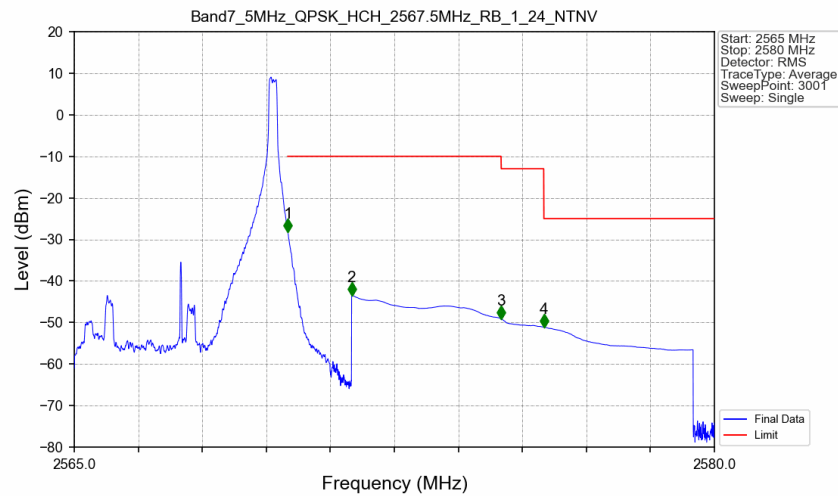
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

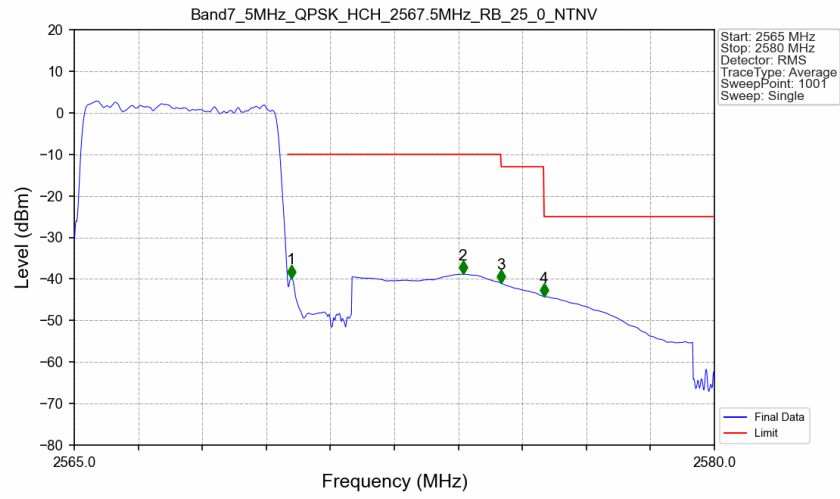


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



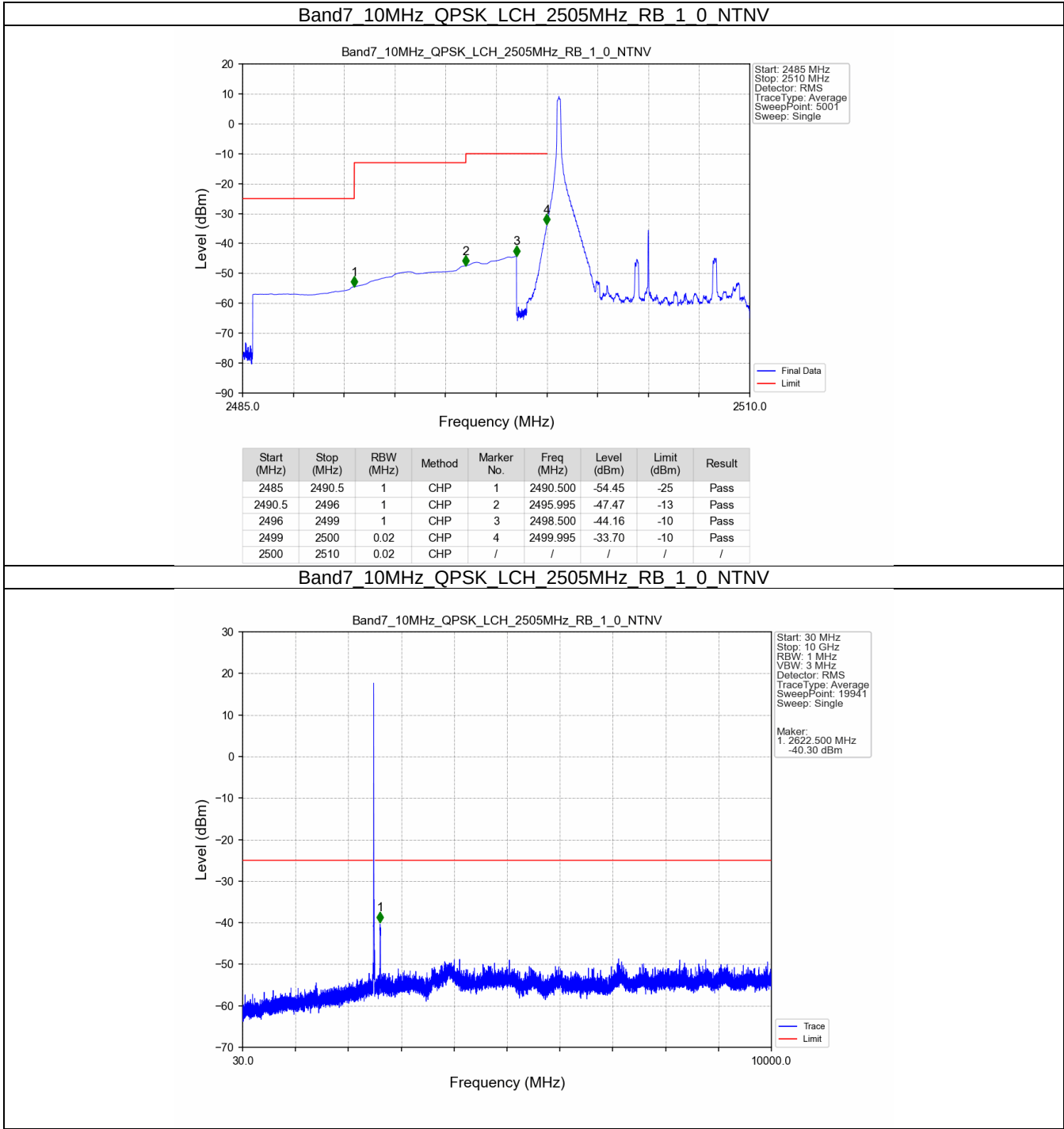
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-28.22	-10	Pass
2571	2575	1	CHP	2	2571.500	-43.48	-10	Pass
2575	2576	1	CHP	3	2575.005	-49.13	-13	Pass
2576	2580	1	CHP	4	2576.005	-51.15	-25	Pass

Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV

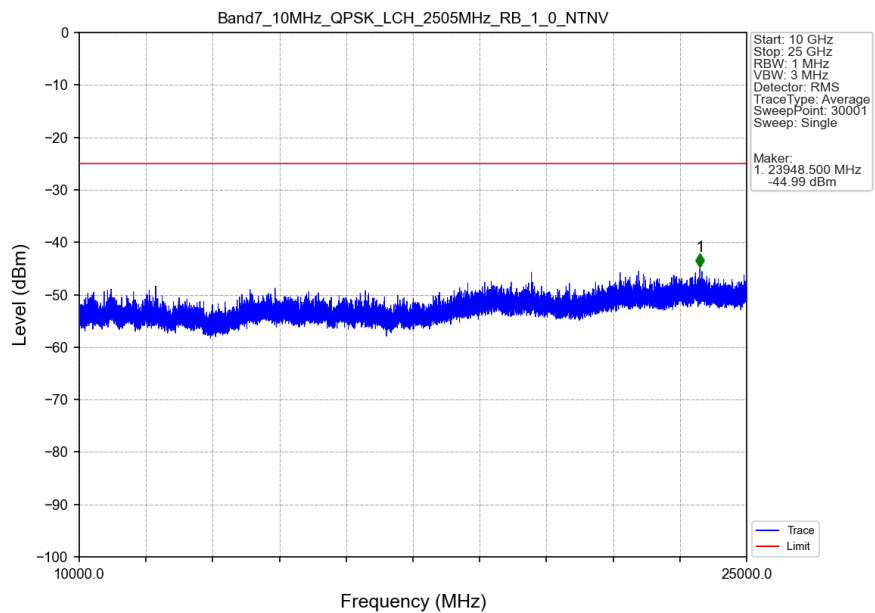


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.102	CHP	/	/	/	/	/
2570	2571	0.102	CHP	1	2570.085	-39.78	-10	Pass
2571	2575	1	CHP	2	2574.105	-38.84	-10	Pass
2575	2576	1	CHP	3	2575.005	-41.05	-13	Pass
2576	2580	1	CHP	4	2576.010	-44.20	-25	Pass

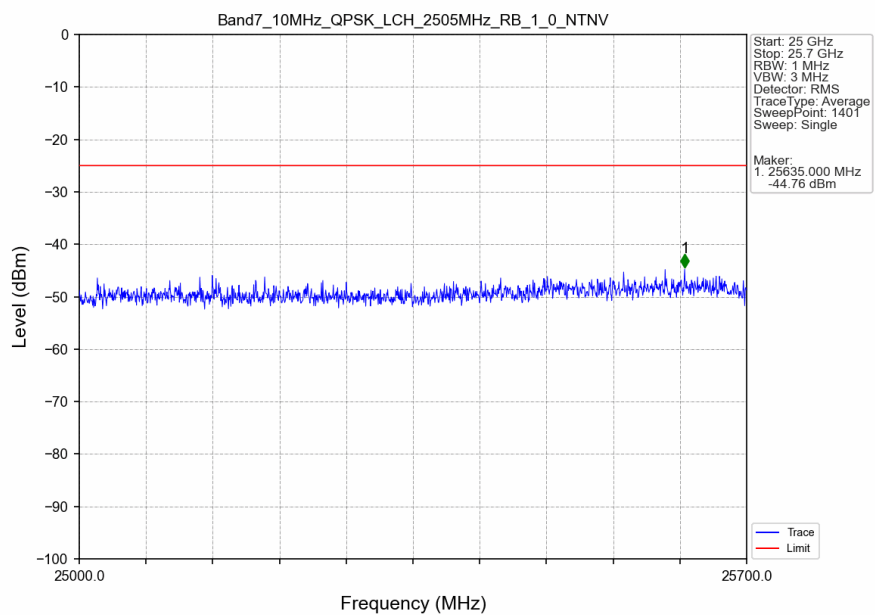
5.2.2 B7_10MHz

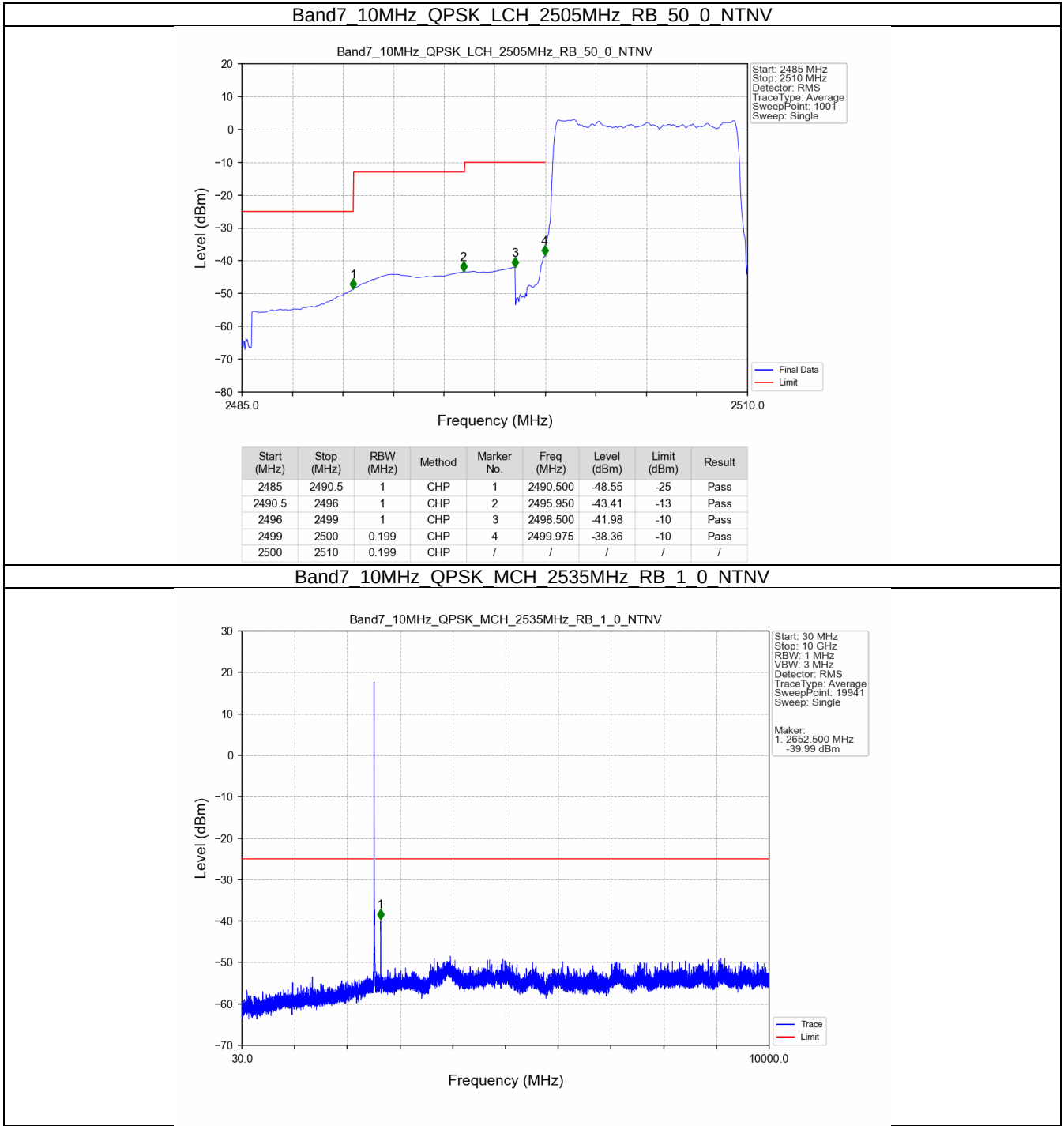


Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

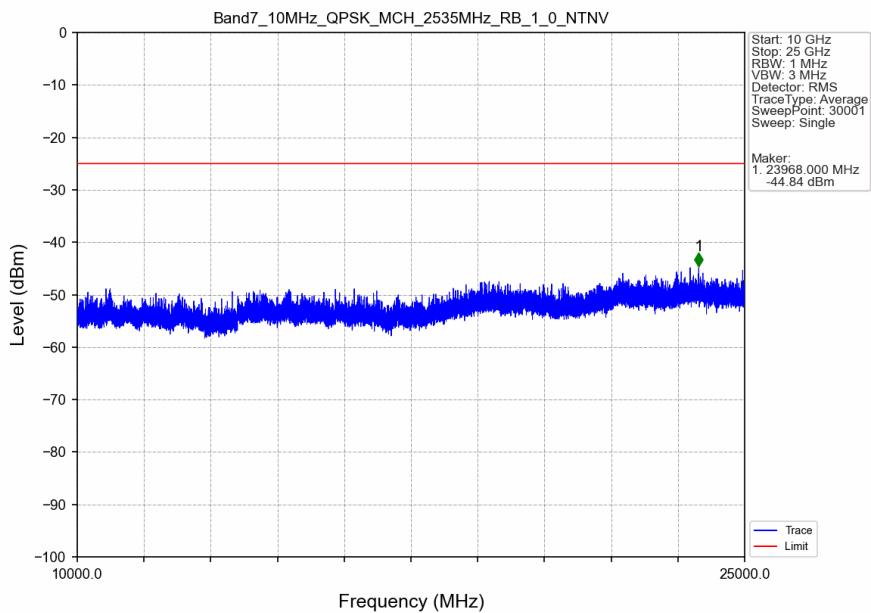


Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

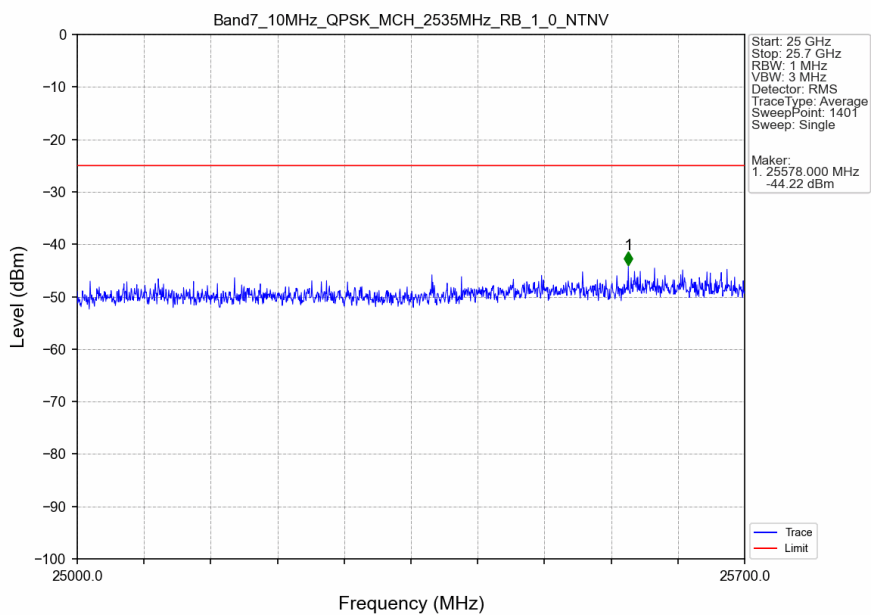




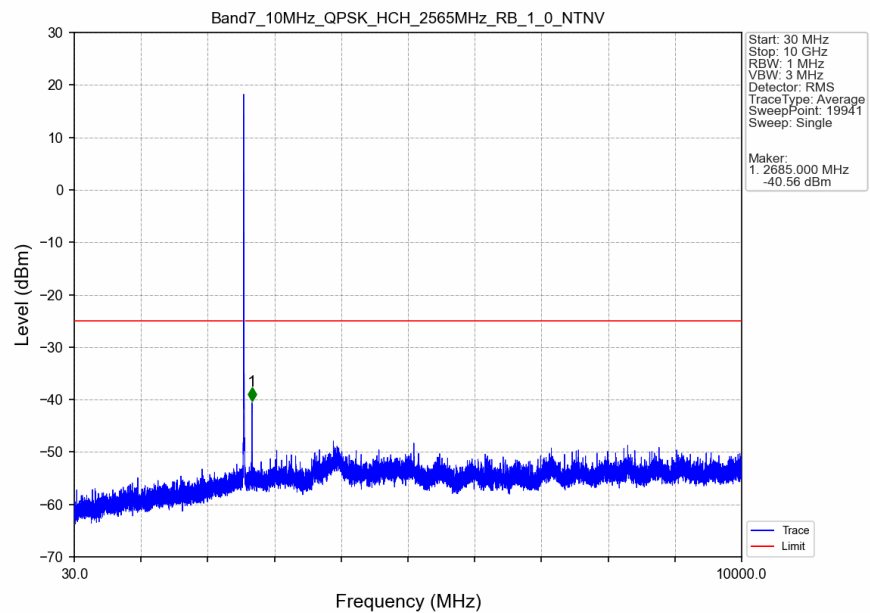
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



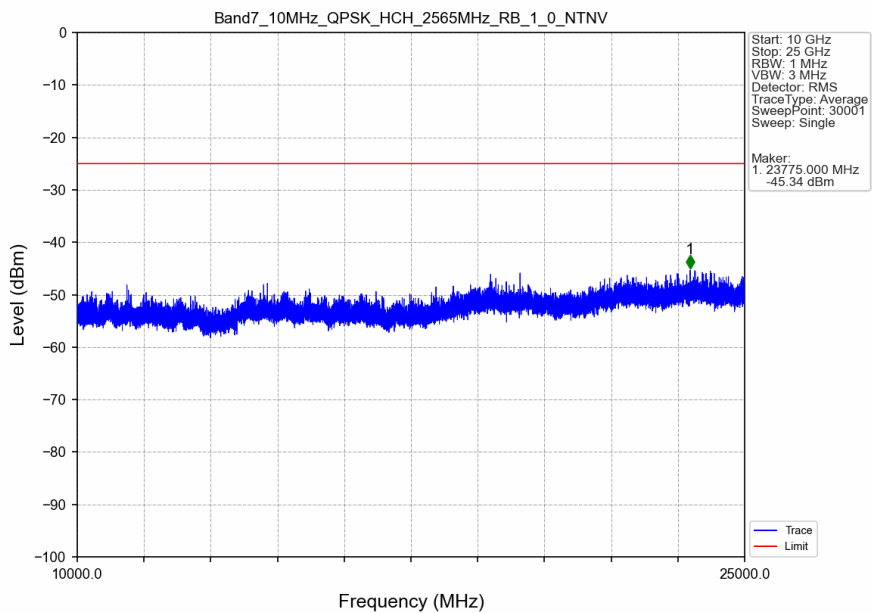
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



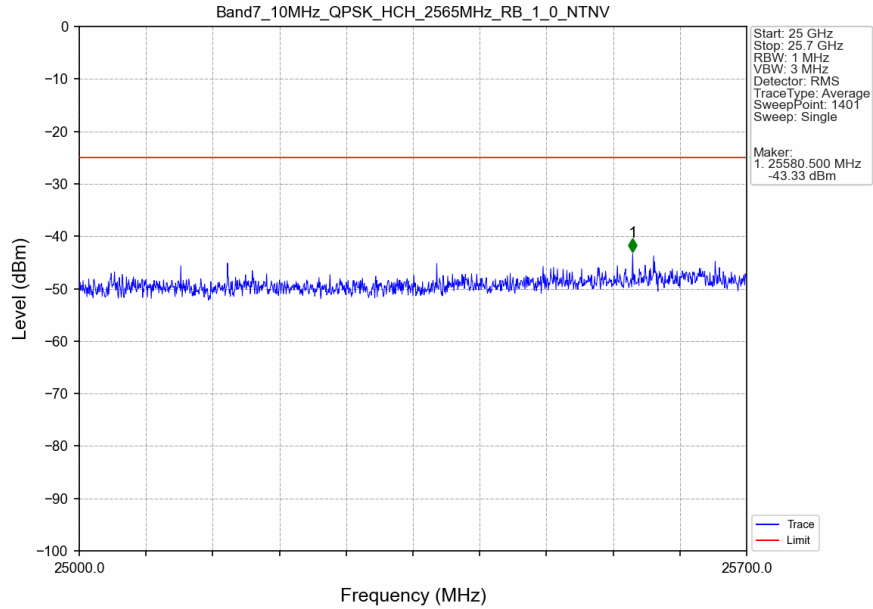
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



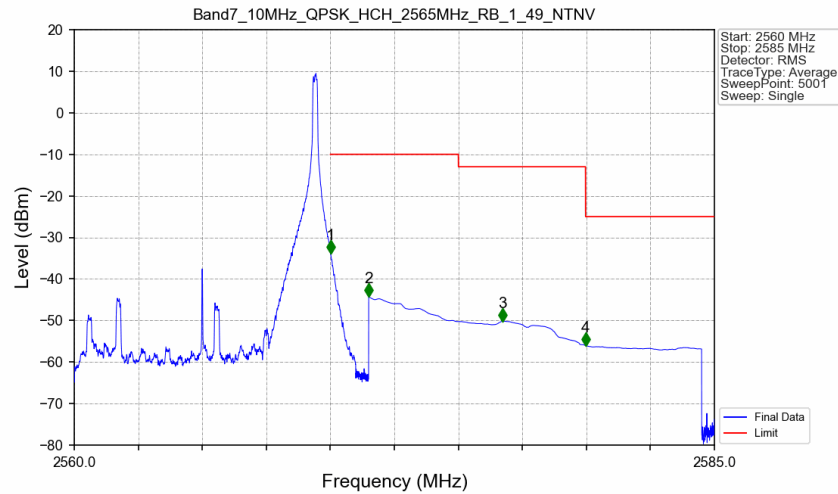
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

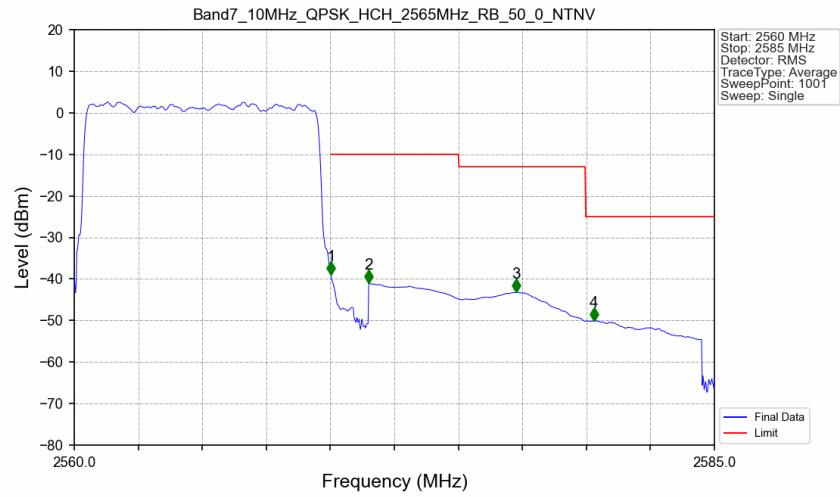


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



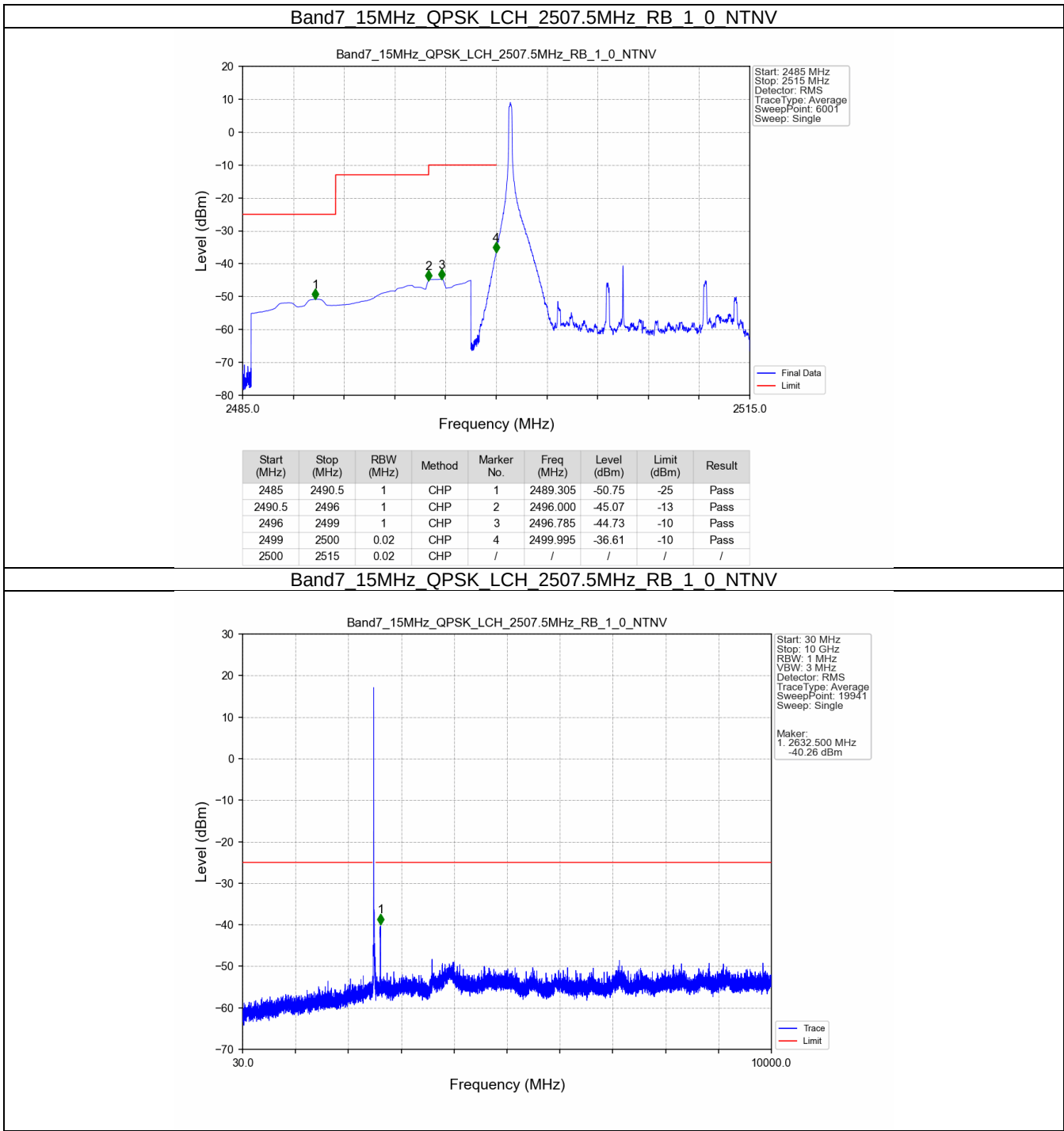
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-33.78	-10	Pass
2571	2575	1	CHP	2	2571.500	-44.31	-10	Pass
2575	2579.967	1	CHP	3	2576.730	-50.17	-13	Pass
2579.967	2585	1	CHP	4	2579.970	-56.02	-25	Pass

Band7 10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV

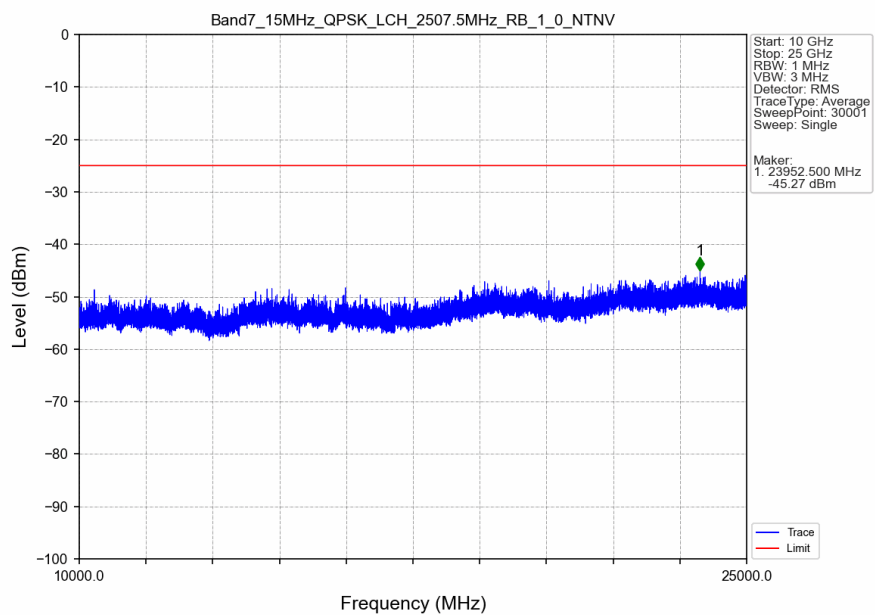


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.199	CHP	/	/	/	/	/
2570	2571	0.199	CHP	1	2570.025	-39.02	-10	Pass
2571	2575	1	CHP	2	2571.500	-41.03	-10	Pass
2575	2579.967	1	CHP	3	2577.250	-43.19	-13	Pass
2579.967	2585	1	CHP	4	2580.300	-50.04	-25	Pass

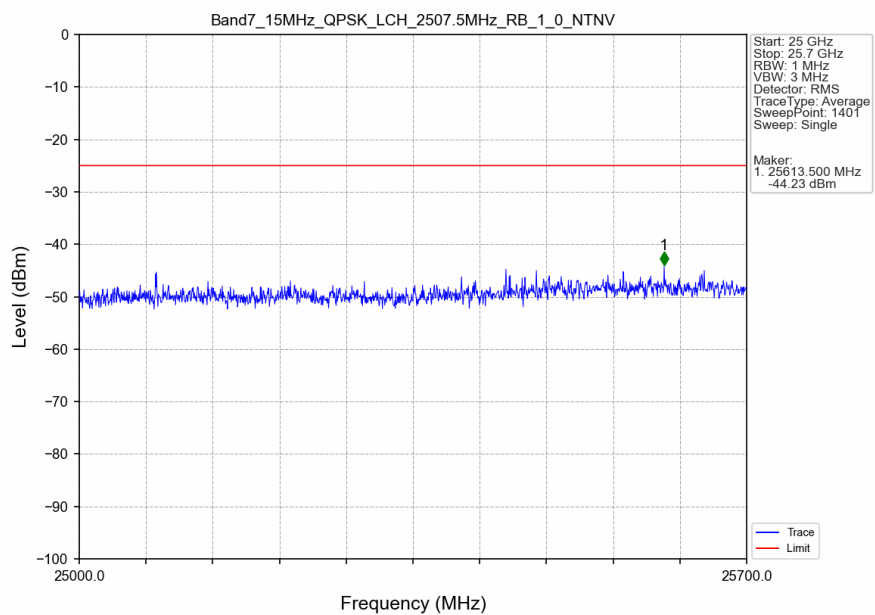
5.2.3 B7_15MHz



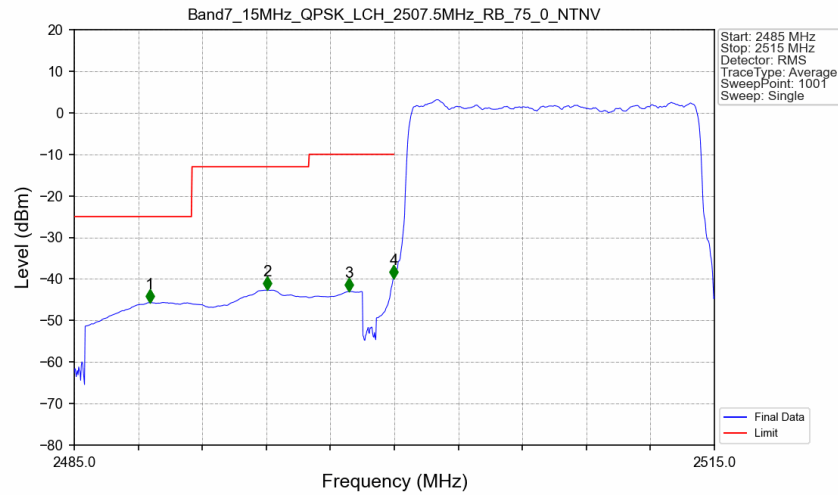
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV

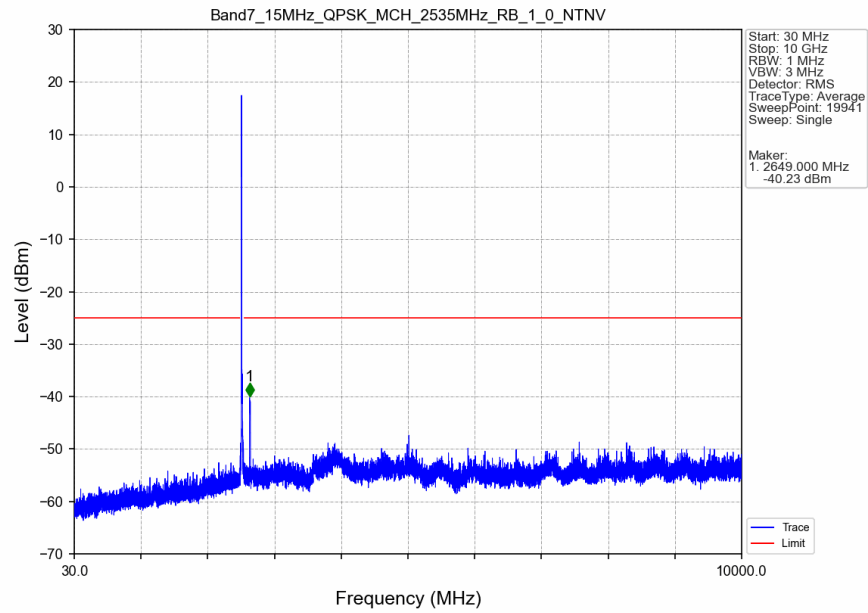


Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV

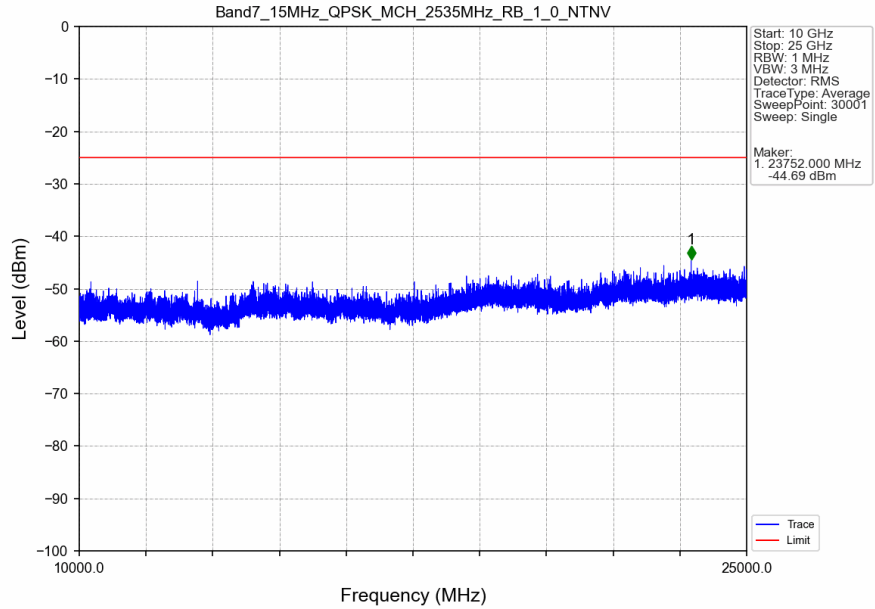


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.540	-45.66	-25	Pass
2490.5	2496	1	CHP	2	2494.060	-42.69	-13	Pass
2496	2499	1	CHP	3	2497.870	-43.00	-10	Pass
2499	2500	0.298	CHP	4	2499.970	-39.80	-10	Pass
2500	2515	0.298	CHP	/	/	/	/	/

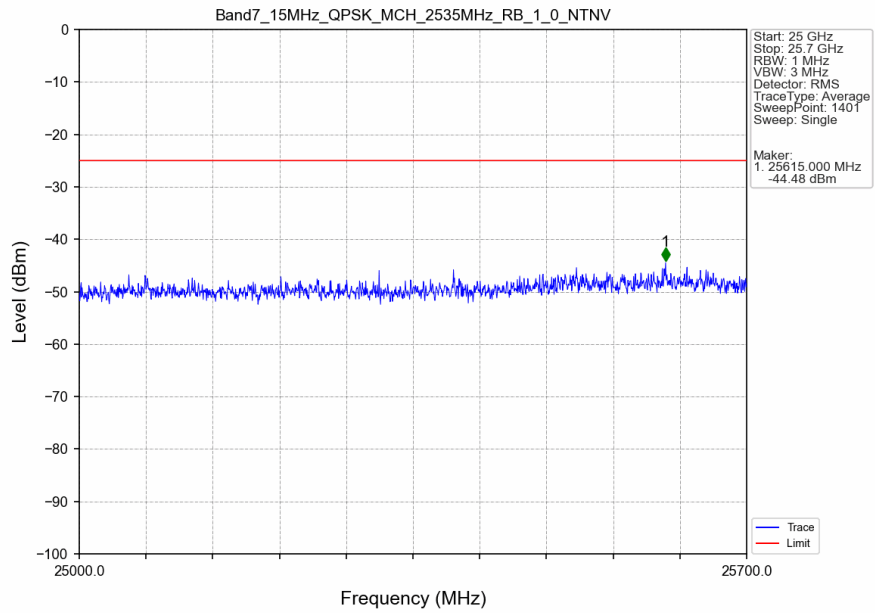
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

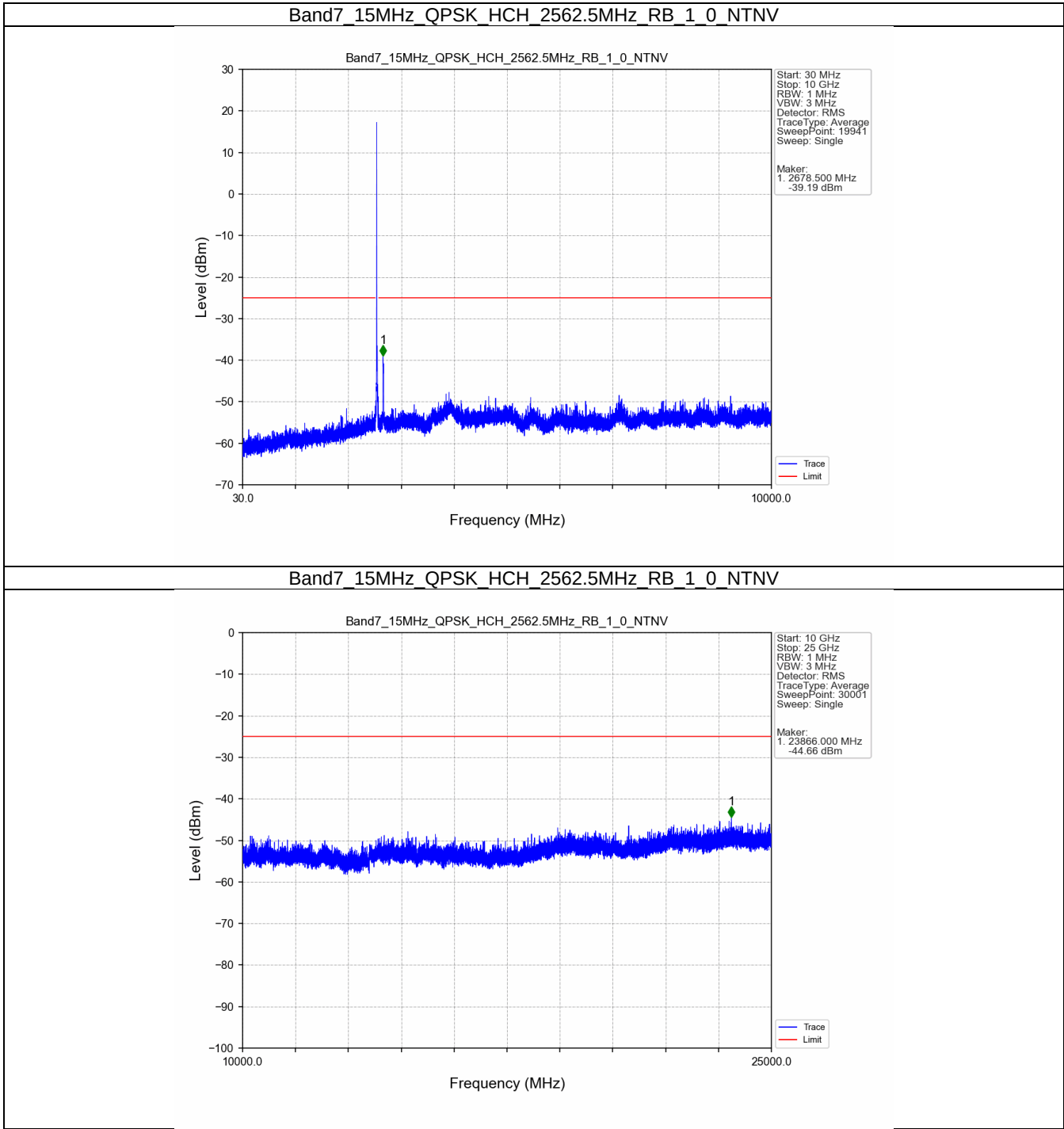


Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

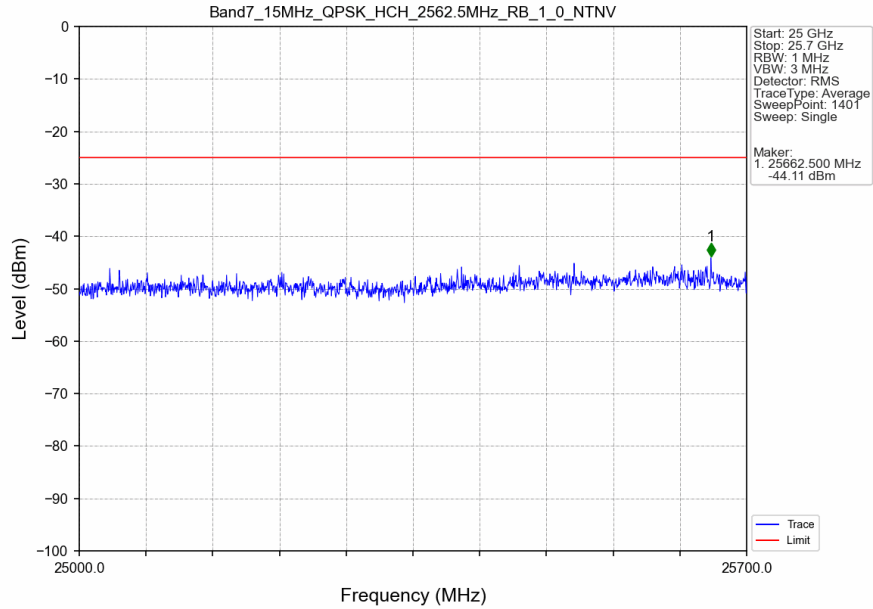


Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

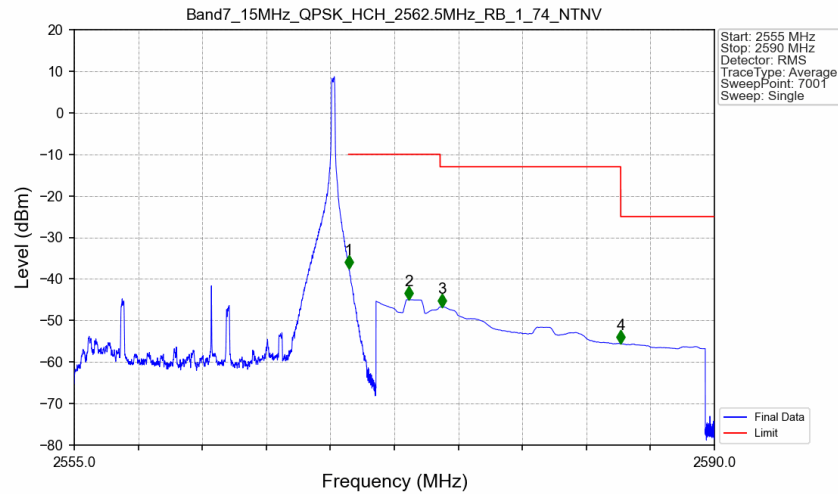




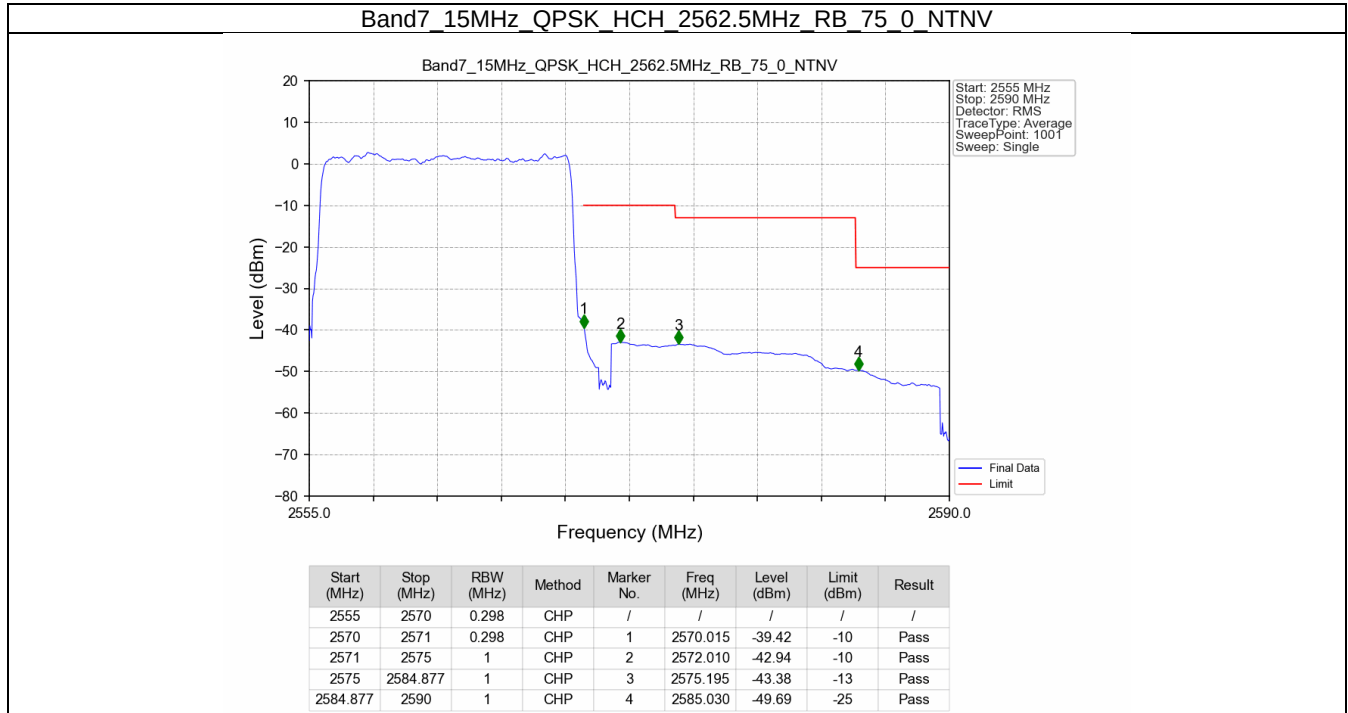
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



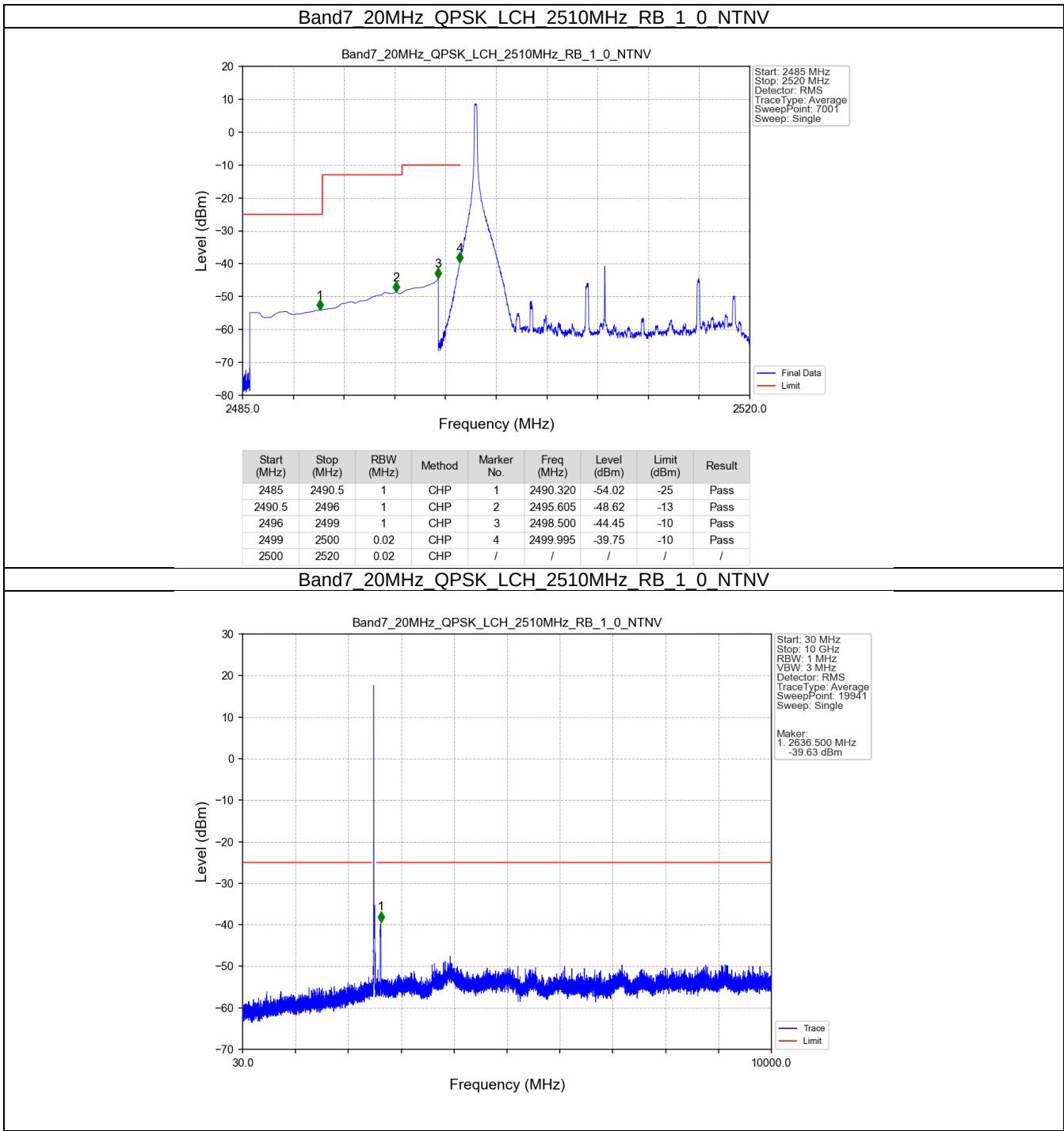
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV

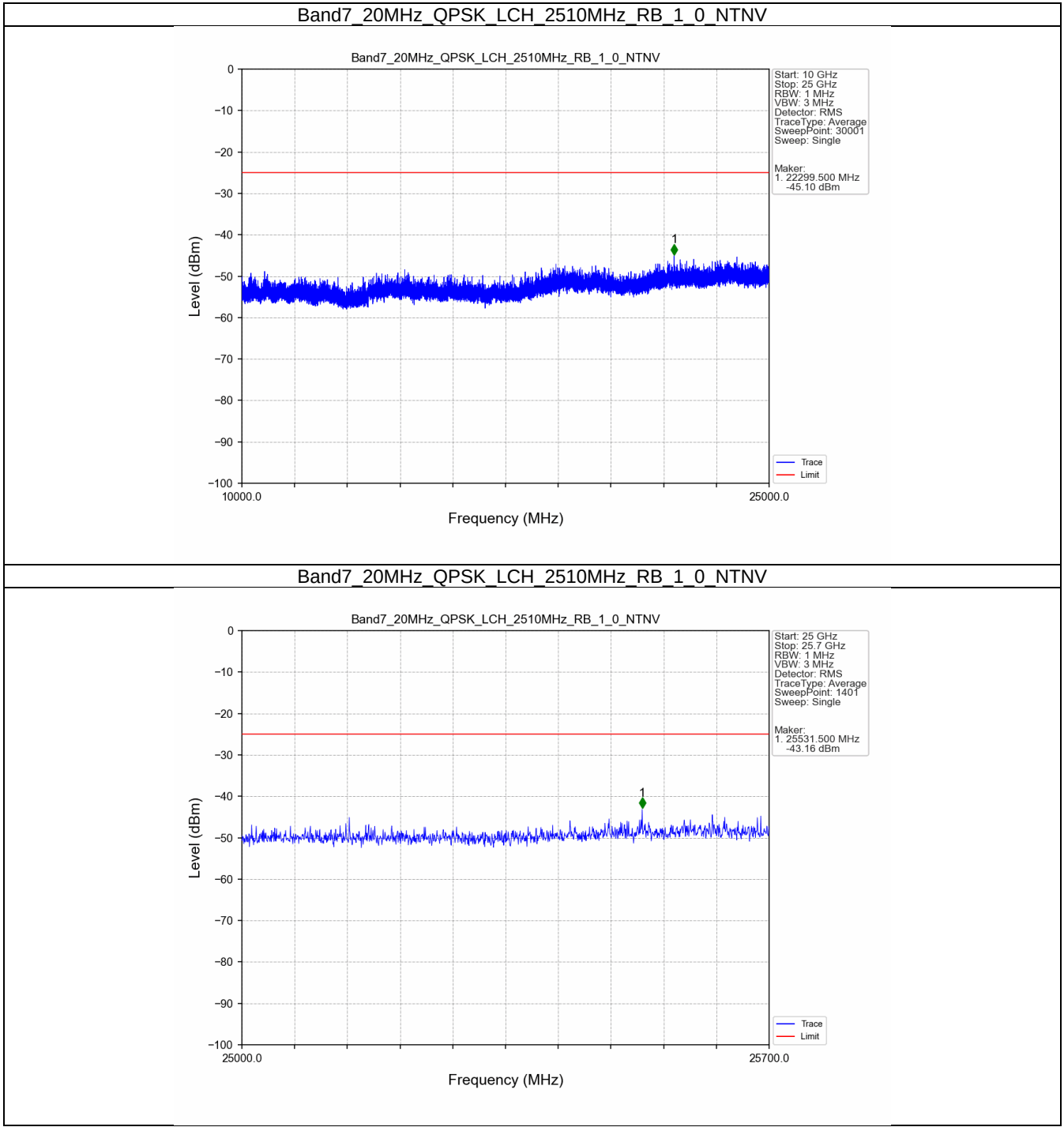


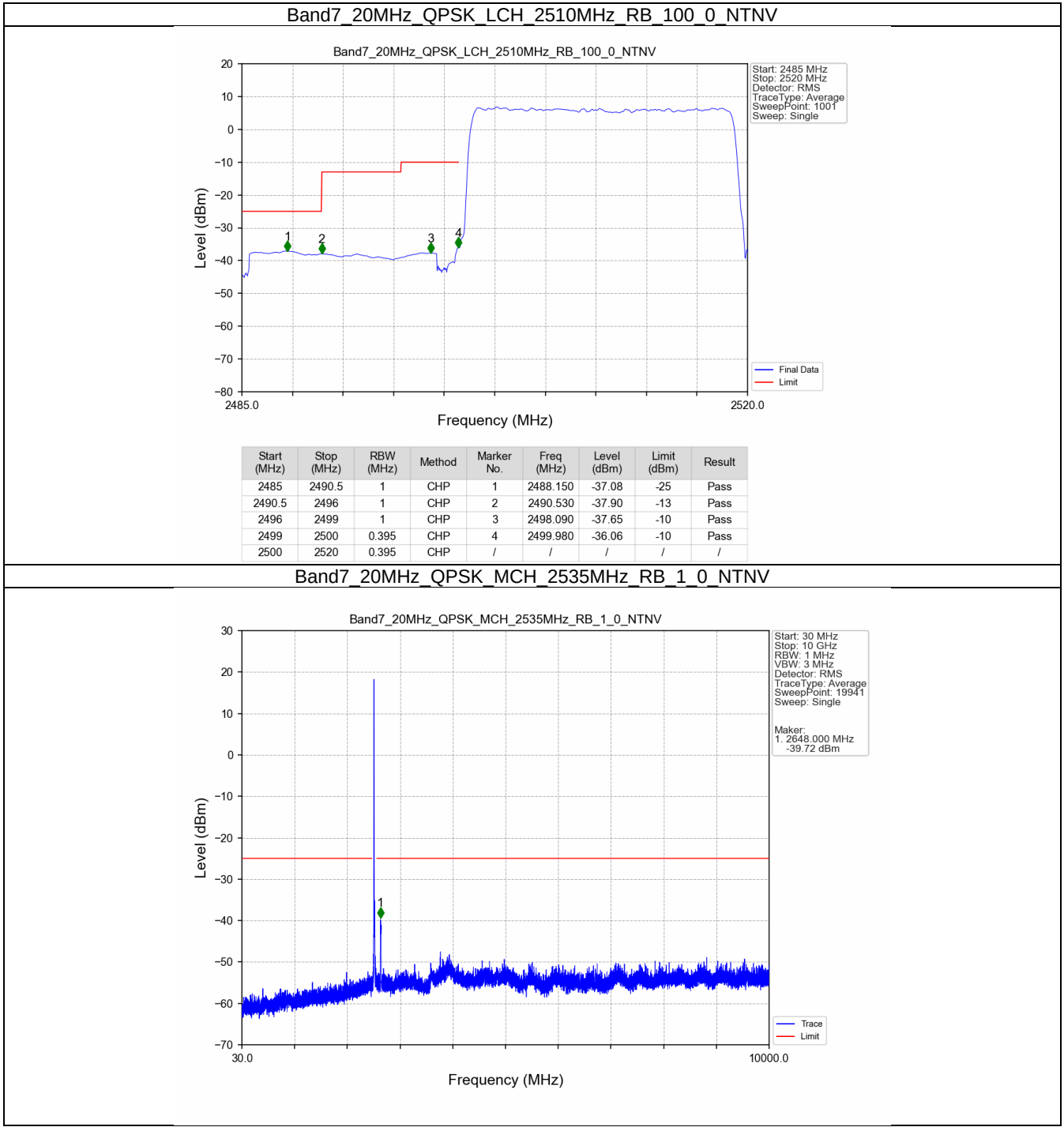
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-37.44	-10	Pass
2571	2575	1	CHP	2	2573.285	-44.99	-10	Pass
2575	2584.877	1	CHP	3	2575.115	-46.75	-13	Pass
2584.877	2590	1	CHP	4	2584.880	-55.57	-25	Pass

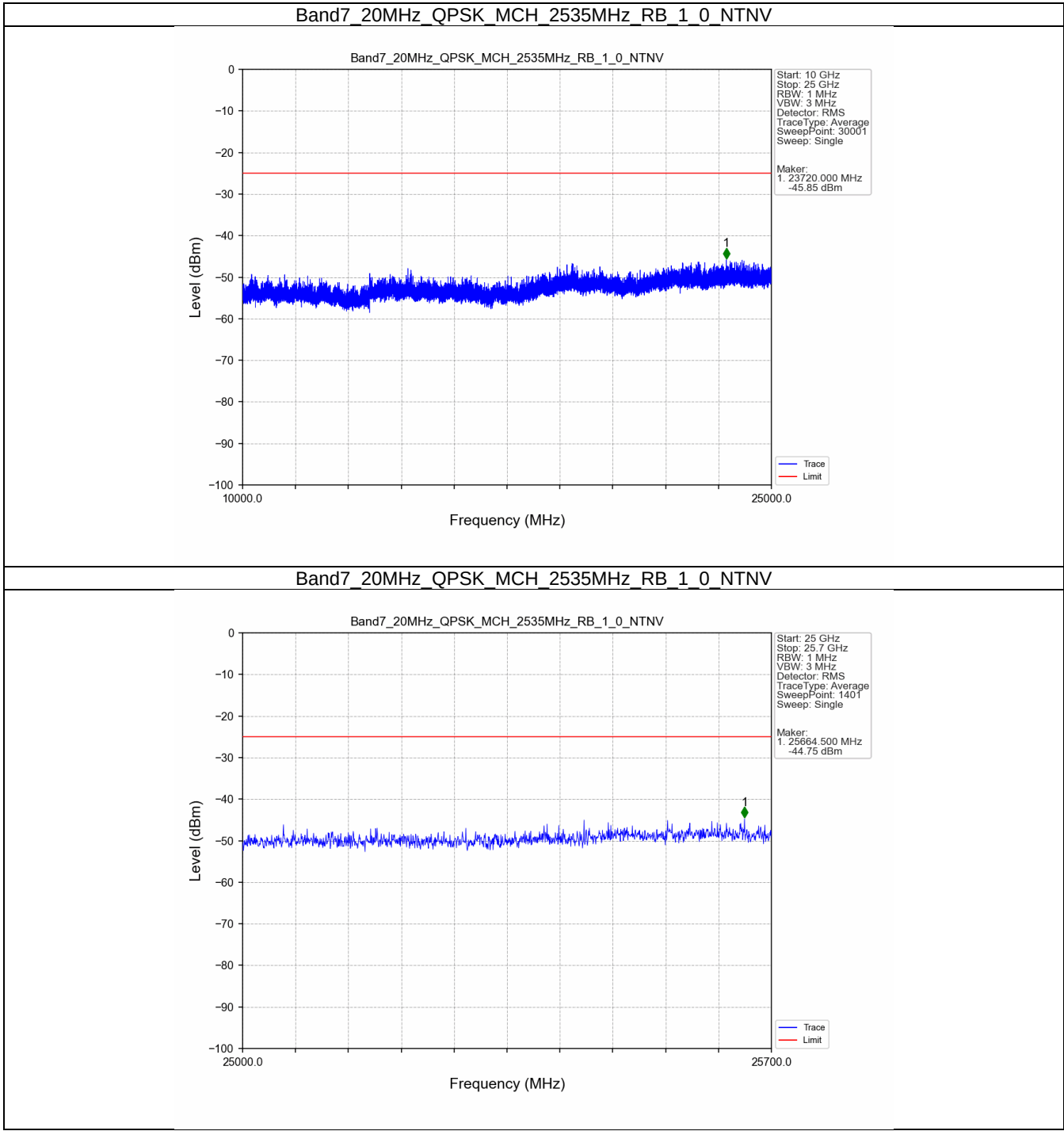


5.2.4 B7_20MHz

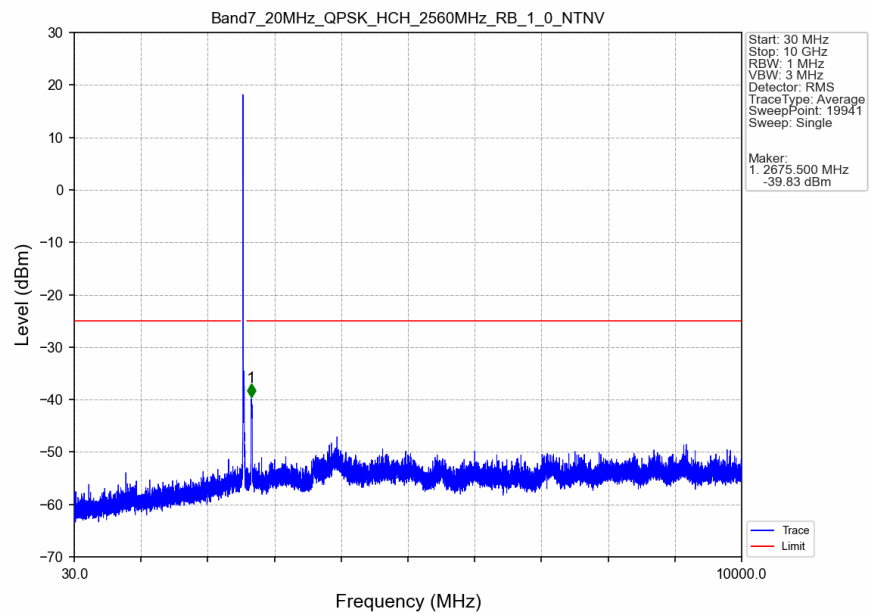




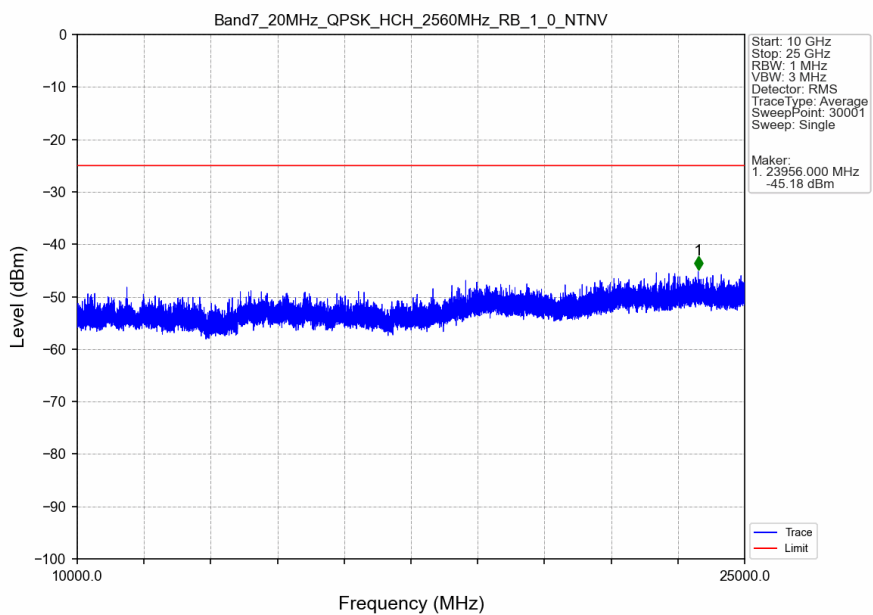




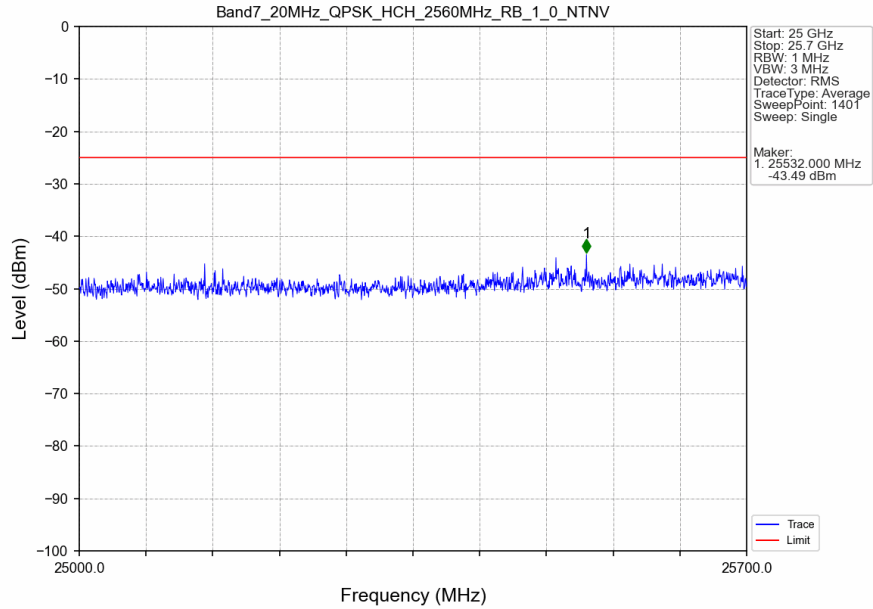
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



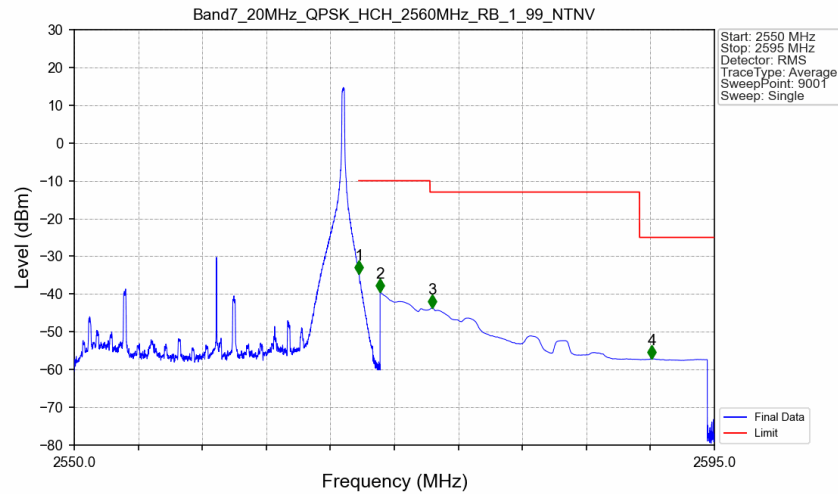
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV

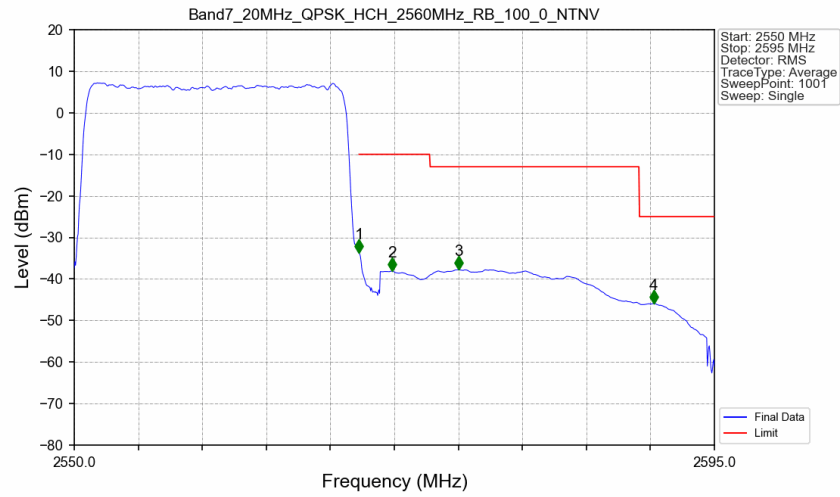


Band7_20MHz_QPSK_HCH_2560MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-34.69	-10	Pass
2571	2575	1	CHP	2	2571.500	-39.38	-10	Pass
2575	2589.734	1	CHP	3	2575.185	-43.60	-13	Pass
2589.734	2595	1	CHP	4	2590.600	-57.15	-25	Pass

Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.395	CHP	/	/	/	/	/
2570	2571	0.395	CHP	1	2570.025	-33.74	-10	Pass
2571	2575	1	CHP	2	2572.365	-38.09	-10	Pass
2575	2589.734	1	CHP	3	2577.045	-37.77	-13	Pass
2589.734	2595	1	CHP	4	2590.725	-45.93	-25	Pass