

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	24.20	0.20	24.40	<=33.01	Pass
			13	24.17	0.20	24.37	<=33.01	Pass
			24	24.08	0.20	24.28	<=33.01	Pass
		12	0	23.24	0.20	23.44	<=33.01	Pass
			6	23.20	0.20	23.40	<=33.01	Pass
			13	23.06	0.20	23.26	<=33.01	Pass
		25	0	23.09	0.20	23.29	<=33.01	Pass
	2535	1	0	24.07	0.20	24.27	<=33.01	Pass
			13	24.19	0.20	24.39	<=33.01	Pass
			24	24.08	0.20	24.28	<=33.01	Pass
		12	0	23.13	0.20	23.33	<=33.01	Pass
			6	23.13	0.20	23.33	<=33.01	Pass
			13	23.12	0.20	23.32	<=33.01	Pass
		25	0	23.02	0.20	23.22	<=33.01	Pass
	2567.5	1	0	24.09	0.20	24.29	<=33.01	Pass
			13	24.32	0.20	24.52	<=33.01	Pass
			24	23.90	0.20	24.10	<=33.01	Pass
		12	0	23.11	0.20	23.31	<=33.01	Pass
			6	23.23	0.20	23.43	<=33.01	Pass
			13	23.16	0.20	23.36	<=33.01	Pass
		25	0	23.18	0.20	23.38	<=33.01	Pass
16QAM	2502.5	1	0	23.60	0.20	23.80	<=33.01	Pass
			13	23.54	0.20	23.74	<=33.01	Pass
			24	23.37	0.20	23.57	<=33.01	Pass
		12	0	22.22	0.20	22.42	<=33.01	Pass
			6	22.25	0.20	22.45	<=33.01	Pass
			13	22.07	0.20	22.27	<=33.01	Pass
		25	0	22.13	0.20	22.33	<=33.01	Pass
	2535	1	0	23.69	0.20	23.89	<=33.01	Pass
			13	23.65	0.20	23.85	<=33.01	Pass
			24	23.44	0.20	23.64	<=33.01	Pass
		12	0	22.19	0.20	22.39	<=33.01	Pass
			6	22.20	0.20	22.40	<=33.01	Pass
			13	22.13	0.20	22.33	<=33.01	Pass
		25	0	22.06	0.20	22.26	<=33.01	Pass
	2567.5	1	0	23.39	0.20	23.59	<=33.01	Pass
			13	23.57	0.20	23.77	<=33.01	Pass
			24	23.52	0.20	23.72	<=33.01	Pass
		12	0	22.22	0.20	22.42	<=33.01	Pass
			6	22.15	0.20	22.35	<=33.01	Pass
			13	22.23	0.20	22.43	<=33.01	Pass
		25	0	22.17	0.20	22.37	<=33.01	Pass
64QAM	2502.5	1	0	22.29	0.20	22.49	<=33.01	Pass
			13	22.44	0.20	22.64	<=33.01	Pass
			24	22.22	0.20	22.42	<=33.01	Pass
		12	0	21.18	0.20	21.38	<=33.01	Pass
			6	21.17	0.20	21.37	<=33.01	Pass
			13	21.09	0.20	21.29	<=33.01	Pass

	2535	25	0	21.16	0.20	21.36	<=33.01	Pass
		1	0	22.43	0.20	22.63	<=33.01	Pass
			13	22.40	0.20	22.60	<=33.01	Pass
			24	22.31	0.20	22.51	<=33.01	Pass
		12	0	21.20	0.20	21.40	<=33.01	Pass
			6	21.20	0.20	21.40	<=33.01	Pass
			13	21.08	0.20	21.28	<=33.01	Pass
		25	0	21.00	0.20	21.20	<=33.01	Pass
	2567.5	1	0	22.30	0.20	22.50	<=33.01	Pass
			13	22.43	0.20	22.63	<=33.01	Pass
			24	22.35	0.20	22.55	<=33.01	Pass
			0	21.22	0.20	21.42	<=33.01	Pass
		12	6	21.30	0.20	21.50	<=33.01	Pass
			13	21.15	0.20	21.35	<=33.01	Pass
			0	21.12	0.20	21.32	<=33.01	Pass
		25	0	21.12	0.20	21.32	<=33.01	Pass
256QAM	2502.5	1	0	19.19	0.20	19.39	<=33.01	Pass
			13	19.42	0.20	19.62	<=33.01	Pass
			24	19.02	0.20	19.22	<=33.01	Pass
			0	19.22	0.20	19.42	<=33.01	Pass
		12	6	19.26	0.20	19.46	<=33.01	Pass
			13	19.11	0.20	19.31	<=33.01	Pass
			0	19.10	0.20	19.30	<=33.01	Pass
		25	0	19.10	0.20	19.30	<=33.01	Pass
	2535	1	0	19.14	0.20	19.34	<=33.01	Pass
			13	19.21	0.20	19.41	<=33.01	Pass
			24	19.23	0.20	19.43	<=33.01	Pass
			0	19.12	0.20	19.32	<=33.01	Pass
		12	6	19.19	0.20	19.39	<=33.01	Pass
			13	19.07	0.20	19.27	<=33.01	Pass
			0	19.10	0.20	19.30	<=33.01	Pass
		25	0	19.10	0.20	19.30	<=33.01	Pass
	2567.5	1	0	19.20	0.20	19.40	<=33.01	Pass
			13	19.30	0.20	19.50	<=33.01	Pass
			24	19.21	0.20	19.41	<=33.01	Pass
			0	19.21	0.20	19.41	<=33.01	Pass
		12	6	19.29	0.20	19.49	<=33.01	Pass
			13	19.21	0.20	19.41	<=33.01	Pass
			0	19.14	0.20	19.34	<=33.01	Pass
		25	0	19.14	0.20	19.34	<=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	24.17	0.20	24.37	<=33.01	Pass
			25	24.22	0.20	24.42	<=33.01	Pass
			49	24.13	0.20	24.33	<=33.01	Pass
		25	0	23.24	0.20	23.44	<=33.01	Pass
			13	23.24	0.20	23.44	<=33.01	Pass
			25	23.15	0.20	23.35	<=33.01	Pass
			0	23.23	0.20	23.43	<=33.01	Pass
		50	0	23.23	0.20	23.43	<=33.01	Pass
	2535	1	0	24.12	0.20	24.32	<=33.01	Pass
			25	24.25	0.20	24.45	<=33.01	Pass
			49	24.04	0.20	24.24	<=33.01	Pass
			0	23.17	0.20	23.37	<=33.01	Pass
		25	13	23.18	0.20	23.38	<=33.01	Pass
			0	23.06	0.20	23.26	<=33.01	Pass
			25	23.06	0.20	23.26	<=33.01	Pass

	2565	50	0	23.10	0.20	23.30	<=33.01	Pass
		1	0	24.19	0.20	24.39	<=33.01	Pass
			25	24.31	0.20	24.51	<=33.01	Pass
			49	24.08	0.20	24.28	<=33.01	Pass
		25	0	23.27	0.20	23.47	<=33.01	Pass
			13	23.30	0.20	23.50	<=33.01	Pass
			25	23.11	0.20	23.31	<=33.01	Pass
16QAM	2505	50	0	23.22	0.20	23.42	<=33.01	Pass
		1	0	23.64	0.20	23.84	<=33.01	Pass
			25	23.55	0.20	23.75	<=33.01	Pass
			49	23.48	0.20	23.68	<=33.01	Pass
		25	0	22.20	0.20	22.40	<=33.01	Pass
			13	22.19	0.20	22.39	<=33.01	Pass
			25	22.12	0.20	22.32	<=33.01	Pass
	2535	50	0	22.19	0.20	22.39	<=33.01	Pass
		1	0	23.54	0.20	23.74	<=33.01	Pass
			25	23.49	0.20	23.69	<=33.01	Pass
			49	23.42	0.20	23.62	<=33.01	Pass
		25	0	22.14	0.20	22.34	<=33.01	Pass
			13	22.10	0.20	22.30	<=33.01	Pass
			25	22.10	0.20	22.30	<=33.01	Pass
		50	0	22.06	0.20	22.26	<=33.01	Pass
	2565	1	0	23.64	0.20	23.84	<=33.01	Pass
			25	23.36	0.20	23.56	<=33.01	Pass
			49	23.33	0.20	23.53	<=33.01	Pass
		25	0	22.17	0.20	22.37	<=33.01	Pass
			13	22.27	0.20	22.47	<=33.01	Pass
			25	22.20	0.20	22.40	<=33.01	Pass
		50	0	22.17	0.20	22.37	<=33.01	Pass
64QAM	2505	1	0	22.38	0.20	22.58	<=33.01	Pass
			25	22.39	0.20	22.59	<=33.01	Pass
			49	22.32	0.20	22.52	<=33.01	Pass
		25	0	21.19	0.20	21.39	<=33.01	Pass
			13	21.31	0.20	21.51	<=33.01	Pass
			25	21.16	0.20	21.36	<=33.01	Pass
		50	0	21.20	0.20	21.40	<=33.01	Pass
	2535	1	0	22.21	0.20	22.41	<=33.01	Pass
			25	22.34	0.20	22.54	<=33.01	Pass
			49	22.22	0.20	22.42	<=33.01	Pass
		25	0	21.14	0.20	21.34	<=33.01	Pass
			13	21.06	0.20	21.26	<=33.01	Pass
			25	21.10	0.20	21.30	<=33.01	Pass
		50	0	21.14	0.20	21.34	<=33.01	Pass
	2565	1	0	22.44	0.20	22.64	<=33.01	Pass
			25	22.48	0.20	22.68	<=33.01	Pass
			49	22.34	0.20	22.54	<=33.01	Pass
		25	0	21.20	0.20	21.40	<=33.01	Pass
			13	21.22	0.20	21.42	<=33.01	Pass
			25	21.13	0.20	21.33	<=33.01	Pass
		50	0	21.21	0.20	21.41	<=33.01	Pass
256QAM	2505	1	0	19.16	0.20	19.36	<=33.01	Pass
			25	19.29	0.20	19.49	<=33.01	Pass
			49	19.09	0.20	19.29	<=33.01	Pass
		25	0	19.15	0.20	19.35	<=33.01	Pass
			13	19.18	0.20	19.38	<=33.01	Pass
			25	19.07	0.20	19.27	<=33.01	Pass
		50	0	19.22	0.20	19.42	<=33.01	Pass
	2535	1	0	19.09	0.20	19.29	<=33.01	Pass

		25	25	19.26	0.20	19.46	<=33.01	Pass
			49	19.12	0.20	19.32	<=33.01	Pass
			0	19.16	0.20	19.36	<=33.01	Pass
			13	19.05	0.20	19.25	<=33.01	Pass
			25	19.16	0.20	19.36	<=33.01	Pass
		50	0	19.07	0.20	19.27	<=33.01	Pass
	2565	1	0	19.28	0.20	19.48	<=33.01	Pass
			25	19.29	0.20	19.49	<=33.01	Pass
			49	19.05	0.20	19.25	<=33.01	Pass
		25	0	19.21	0.20	19.41	<=33.01	Pass
			13	19.17	0.20	19.37	<=33.01	Pass
			25	19.04	0.20	19.24	<=33.01	Pass
		50	0	19.16	0.20	19.36	<=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	23.88	0.20	24.08	<=33.01	Pass
			38	23.88	0.20	24.08	<=33.01	Pass
			74	24.25	0.20	24.45	<=33.01	Pass
		36	0	23.02	0.20	23.22	<=33.01	Pass
			18	22.97	0.20	23.17	<=33.01	Pass
			39	23.00	0.20	23.20	<=33.01	Pass
		75	0	22.97	0.20	23.17	<=33.01	Pass
	2535	1	0	23.75	0.20	23.95	<=33.01	Pass
			38	24.07	0.20	24.27	<=33.01	Pass
			74	24.08	0.20	24.28	<=33.01	Pass
		36	0	22.94	0.20	23.14	<=33.01	Pass
			18	22.99	0.20	23.19	<=33.01	Pass
			39	22.96	0.20	23.16	<=33.01	Pass
		75	0	22.93	0.20	23.13	<=33.01	Pass
	2562.5	1	0	23.86	0.20	24.06	<=33.01	Pass
			38	24.05	0.20	24.25	<=33.01	Pass
			74	23.86	0.20	24.06	<=33.01	Pass
		36	0	23.04	0.20	23.24	<=33.01	Pass
			18	23.08	0.20	23.28	<=33.01	Pass
			39	22.95	0.20	23.15	<=33.01	Pass
		75	0	23.08	0.20	23.28	<=33.01	Pass
16QAM	2507.5	1	0	23.24	0.20	23.44	<=33.01	Pass
			38	23.20	0.20	23.40	<=33.01	Pass
			74	23.23	0.20	23.43	<=33.01	Pass
		36	0	22.05	0.20	22.25	<=33.01	Pass
			18	21.96	0.20	22.16	<=33.01	Pass
			39	22.04	0.20	22.24	<=33.01	Pass
		75	0	21.93	0.20	22.13	<=33.01	Pass
	2535	1	0	23.14	0.20	23.34	<=33.01	Pass
			38	23.26	0.20	23.46	<=33.01	Pass
			74	23.33	0.20	23.53	<=33.01	Pass
		36	0	22.05	0.20	22.25	<=33.01	Pass
			18	22.01	0.20	22.21	<=33.01	Pass
			39	22.03	0.20	22.23	<=33.01	Pass
		75	0	21.95	0.20	22.15	<=33.01	Pass
	2562.5	1	0	23.16	0.20	23.36	<=33.01	Pass

			38	23.23	0.20	23.43	<=33.01	Pass		
			74	23.27	0.20	23.47	<=33.01	Pass		
			0	22.08	0.20	22.28	<=33.01	Pass		
		36	18	22.06	0.20	22.26	<=33.01	Pass		
			39	22.03	0.20	22.23	<=33.01	Pass		
			75	0	22.09	0.20	22.29	<=33.01	Pass	
64QAM	2507.5	1	0	22.27	0.20	22.47	<=33.01	Pass		
			38	22.20	0.20	22.40	<=33.01	Pass		
			74	22.20	0.20	22.40	<=33.01	Pass		
		36	0	20.96	0.20	21.16	<=33.01	Pass		
			18	21.05	0.20	21.25	<=33.01	Pass		
			39	20.94	0.20	21.14	<=33.01	Pass		
		75	0	21.01	0.20	21.21	<=33.01	Pass		
		2535	1	0	22.04	0.20	22.24	<=33.01	Pass	
				38	22.26	0.20	22.46	<=33.01	Pass	
	74			22.16	0.20	22.36	<=33.01	Pass		
	36		0	20.95	0.20	21.15	<=33.01	Pass		
			18	20.95	0.20	21.15	<=33.01	Pass		
			39	20.99	0.20	21.19	<=33.01	Pass		
	75	0	20.96	0.20	21.16	<=33.01	Pass			
	2562.5	1	0	22.05	0.20	22.25	<=33.01	Pass		
			38	22.21	0.20	22.41	<=33.01	Pass		
			74	22.06	0.20	22.26	<=33.01	Pass		
		36	0	21.03	0.20	21.23	<=33.01	Pass		
			18	21.06	0.20	21.26	<=33.01	Pass		
			39	20.94	0.20	21.14	<=33.01	Pass		
		75	0	21.12	0.20	21.32	<=33.01	Pass		
		256QAM	2507.5	1	0	18.95	0.20	19.15	<=33.01	Pass
					38	19.07	0.20	19.27	<=33.01	Pass
	74				18.87	0.20	19.07	<=33.01	Pass	
36	0			18.90	0.20	19.10	<=33.01	Pass		
	18			18.95	0.20	19.15	<=33.01	Pass		
	39			19.00	0.20	19.20	<=33.01	Pass		
75	0			18.91	0.20	19.11	<=33.01	Pass		
2535	1			0	18.94	0.20	19.14	<=33.01	Pass	
				38	19.09	0.20	19.29	<=33.01	Pass	
			74	19.06	0.20	19.26	<=33.01	Pass		
	36		0	19.03	0.20	19.23	<=33.01	Pass		
			18	19.05	0.20	19.25	<=33.01	Pass		
			39	18.97	0.20	19.17	<=33.01	Pass		
75	0		18.95	0.20	19.15	<=33.01	Pass			
2562.5	1		0	19.18	0.20	19.38	<=33.01	Pass		
			38	19.15	0.20	19.35	<=33.01	Pass		
			74	19.15	0.20	19.35	<=33.01	Pass		
	36		0	19.05	0.20	19.25	<=33.01	Pass		
		18	19.06	0.20	19.26	<=33.01	Pass			
		39	18.94	0.20	19.14	<=33.01	Pass			
	75	0	19.12	0.20	19.32	<=33.01	Pass			
	Note1: EIRP=Conducted Power+Antenna Gain									

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	23.96	0.20	24.16	<=33.01	Pass

			50	23.93	0.20	24.13	<=33.01	Pass	
			99	24.38	0.20	24.58	<=33.01	Pass	
			50	0	23.00	0.20	23.20	<=33.01	Pass
				25	22.95	0.20	23.15	<=33.01	Pass
				50	22.92	0.20	23.12	<=33.01	Pass
		100	0	22.99	0.20	23.19	<=33.01	Pass	
		2535	1	0	23.90	0.20	24.10	<=33.01	Pass
	50			24.05	0.20	24.25	<=33.01	Pass	
	99			24.15	0.20	24.35	<=33.01	Pass	
	50		0	22.94	0.20	23.14	<=33.01	Pass	
			25	22.94	0.20	23.14	<=33.01	Pass	
			50	22.97	0.20	23.17	<=33.01	Pass	
	100		0	22.99	0.20	23.19	<=33.01	Pass	
	2560	1	0	24.03	0.20	24.23	<=33.01	Pass	
			50	23.89	0.20	24.09	<=33.01	Pass	
			99	23.92	0.20	24.12	<=33.01	Pass	
		50	0	23.07	0.20	23.27	<=33.01	Pass	
			25	23.09	0.20	23.29	<=33.01	Pass	
			50	22.96	0.20	23.16	<=33.01	Pass	
		100	0	23.10	0.20	23.30	<=33.01	Pass	
16QAM	2510	1	0	23.17	0.20	23.37	<=33.01	Pass	
			50	23.26	0.20	23.46	<=33.01	Pass	
			99	23.30	0.20	23.50	<=33.01	Pass	
		50	0	22.06	0.20	22.26	<=33.01	Pass	
			25	22.00	0.20	22.20	<=33.01	Pass	
			50	21.99	0.20	22.19	<=33.01	Pass	
		100	0	22.05	0.20	22.25	<=33.01	Pass	
	2535	1	0	23.13	0.20	23.33	<=33.01	Pass	
			50	23.34	0.20	23.54	<=33.01	Pass	
			99	23.16	0.20	23.36	<=33.01	Pass	
		50	0	21.96	0.20	22.16	<=33.01	Pass	
			25	21.98	0.20	22.18	<=33.01	Pass	
			50	22.01	0.20	22.21	<=33.01	Pass	
		100	0	21.95	0.20	22.15	<=33.01	Pass	
	2560	1	0	23.32	0.20	23.52	<=33.01	Pass	
			50	23.56	0.20	23.76	<=33.01	Pass	
			99	23.09	0.20	23.29	<=33.01	Pass	
		50	0	22.02	0.20	22.22	<=33.01	Pass	
			25	22.06	0.20	22.26	<=33.01	Pass	
			50	21.97	0.20	22.17	<=33.01	Pass	
100		0	22.08	0.20	22.28	<=33.01	Pass		
64QAM	2510	1	0	22.21	0.20	22.41	<=33.01	Pass	
			50	22.15	0.20	22.35	<=33.01	Pass	
			99	22.12	0.20	22.32	<=33.01	Pass	
		50	0	21.04	0.20	21.24	<=33.01	Pass	
			25	21.01	0.20	21.21	<=33.01	Pass	
			50	20.97	0.20	21.17	<=33.01	Pass	
	100	0	21.05	0.20	21.25	<=33.01	Pass		
	2535	1	0	22.06	0.20	22.26	<=33.01	Pass	
			50	22.23	0.20	22.43	<=33.01	Pass	
			99	22.16	0.20	22.36	<=33.01	Pass	
		50	0	21.11	0.20	21.31	<=33.01	Pass	
			25	20.90	0.20	21.10	<=33.01	Pass	
			50	21.05	0.20	21.25	<=33.01	Pass	
	100	0	20.96	0.20	21.16	<=33.01	Pass		
	2560	1	0	22.21	0.20	22.41	<=33.01	Pass	
50			22.27	0.20	22.47	<=33.01	Pass		
99			22.04	0.20	22.24	<=33.01	Pass		

		50	0	21.09	0.20	21.29	<=33.01	Pass	
			25	21.10	0.20	21.30	<=33.01	Pass	
			50	21.08	0.20	21.28	<=33.01	Pass	
		100	0	21.10	0.20	21.30	<=33.01	Pass	
256QAM	2510	1	0	19.17	0.20	19.37	<=33.01	Pass	
			50	19.10	0.20	19.30	<=33.01	Pass	
			99	19.15	0.20	19.35	<=33.01	Pass	
		50	0	19.10	0.20	19.30	<=33.01	Pass	
			25	19.02	0.20	19.22	<=33.01	Pass	
			50	18.99	0.20	19.19	<=33.01	Pass	
		100	0	19.06	0.20	19.26	<=33.01	Pass	
		2535	1	0	19.14	0.20	19.34	<=33.01	Pass
				50	19.29	0.20	19.49	<=33.01	Pass
	99			19.06	0.20	19.26	<=33.01	Pass	
	50		0	19.04	0.20	19.24	<=33.01	Pass	
			25	18.86	0.20	19.06	<=33.01	Pass	
			50	18.94	0.20	19.14	<=33.01	Pass	
	100		0	18.94	0.20	19.14	<=33.01	Pass	
	2560		1	0	19.05	0.20	19.25	<=33.01	Pass
				50	19.08	0.20	19.28	<=33.01	Pass
		99		19.10	0.20	19.30	<=33.01	Pass	
		50	0	19.05	0.20	19.25	<=33.01	Pass	
			25	19.10	0.20	19.30	<=33.01	Pass	
			50	18.98	0.20	19.18	<=33.01	Pass	
		100	0	19.12	0.20	19.32	<=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 (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2535	50	0	20	3.30	4.100	0.0016	-2.5 to 2.5	Pass
					3.80	0.400	0.0002	-2.5 to 2.5	Pass
					4.40	-0.100	0.0000	-2.5 to 2.5	Pass
				-30	3.80	-1.400	-0.0006	-2.5 to 2.5	Pass
				-20	3.80	0.100	0.0000	-2.5 to 2.5	Pass
				-10	3.80	0.900	0.0004	-2.5 to 2.5	Pass
				0	3.80	-0.500	-0.0002	-2.5 to 2.5	Pass
				10	3.80	-0.600	-0.0002	-2.5 to 2.5	Pass
				30	3.80	0.900	0.0004	-2.5 to 2.5	Pass
				40	3.80	0.700	0.0003	-2.5 to 2.5	Pass
				50	3.80	-1.200	-0.0005	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

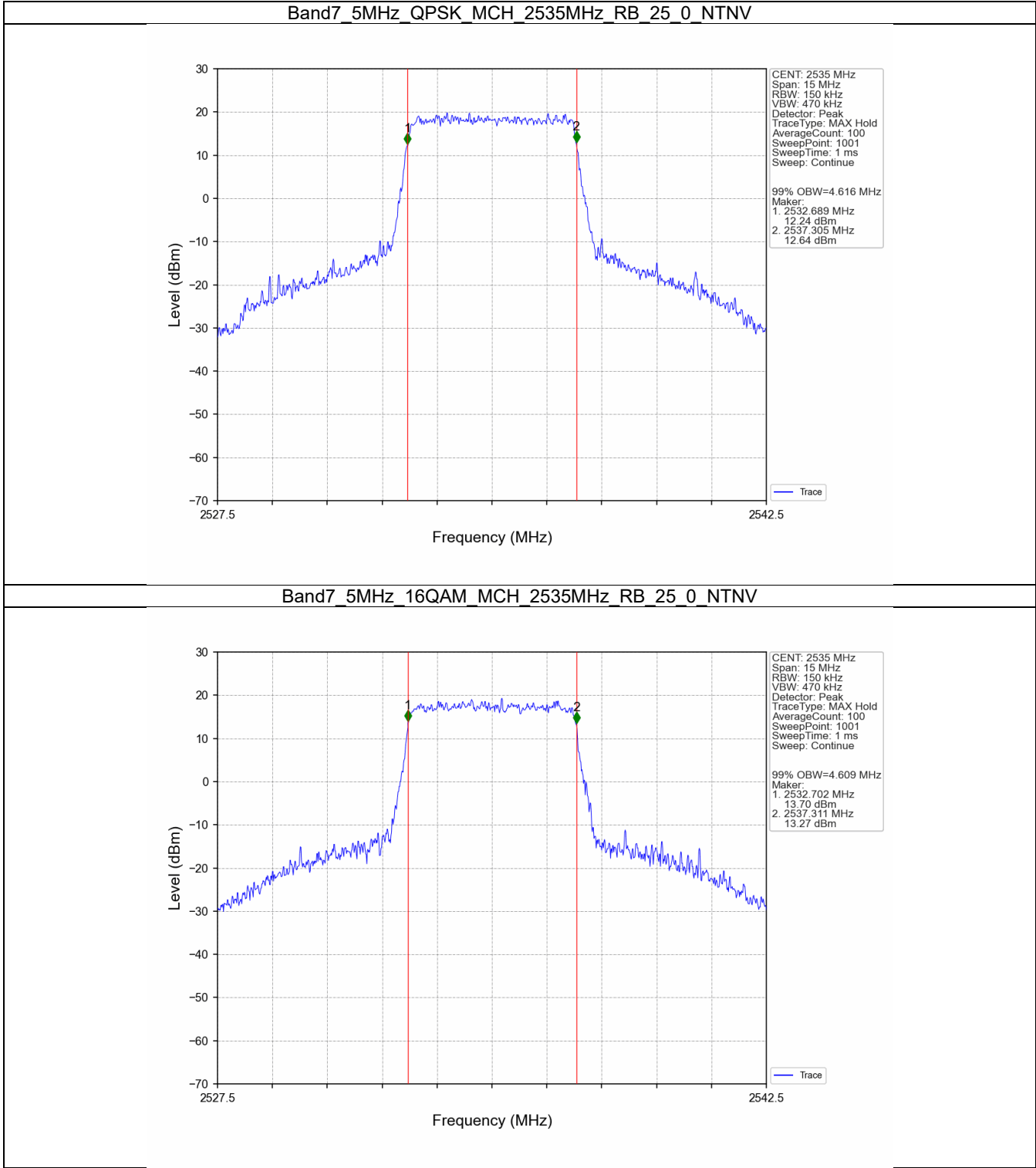
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.616	/	Pass
	16QAM	2535	25	0	4.609	/	Pass
	64QAM	2535	25	0	4.602	/	Pass
	256QAM	2535	25	0	4.590	/	Pass
10	QPSK	2535	50	0	9.096	/	Pass
	16QAM	2535	50	0	9.059	/	Pass
	64QAM	2535	50	0	9.090	/	Pass
	256QAM	2535	50	0	9.070	/	Pass
15	QPSK	2535	75	0	14.149	/	Pass
	16QAM	2535	75	0	14.119	/	Pass
	64QAM	2535	75	0	14.096	/	Pass
	256QAM	2535	75	0	14.086	/	Pass
20	QPSK	2535	100	0	18.479	/	Pass
	16QAM	2535	100	0	18.458	/	Pass
	64QAM	2535	100	0	18.475	/	Pass
	256QAM	2535	100	0	18.420	/	Pass

3.1.2 Band7_XDB

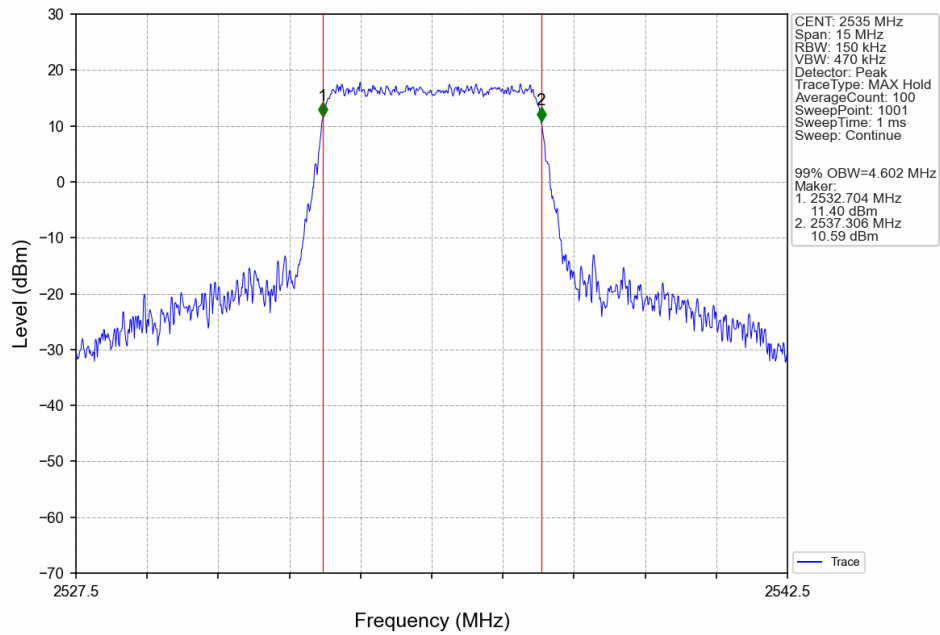
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	5.288	/	Pass
	16QAM	2535	25	0	5.368	/	Pass
	64QAM	2535	25	0	5.367	/	Pass
	256QAM	2535	25	0	5.331	/	Pass
10	QPSK	2535	50	0	10.195	/	Pass
	16QAM	2535	50	0	10.159	/	Pass
	64QAM	2535	50	0	10.170	/	Pass
	256QAM	2535	50	0	10.222	/	Pass
15	QPSK	2535	75	0	16.152	/	Pass
	16QAM	2535	75	0	15.986	/	Pass
	64QAM	2535	75	0	16.027	/	Pass
	256QAM	2535	75	0	16.023	/	Pass
20	QPSK	2535	100	0	20.773	/	Pass
	16QAM	2535	100	0	20.779	/	Pass
	64QAM	2535	100	0	20.612	/	Pass
	256QAM	2535	100	0	20.753	/	Pass

3.2 Test Graph

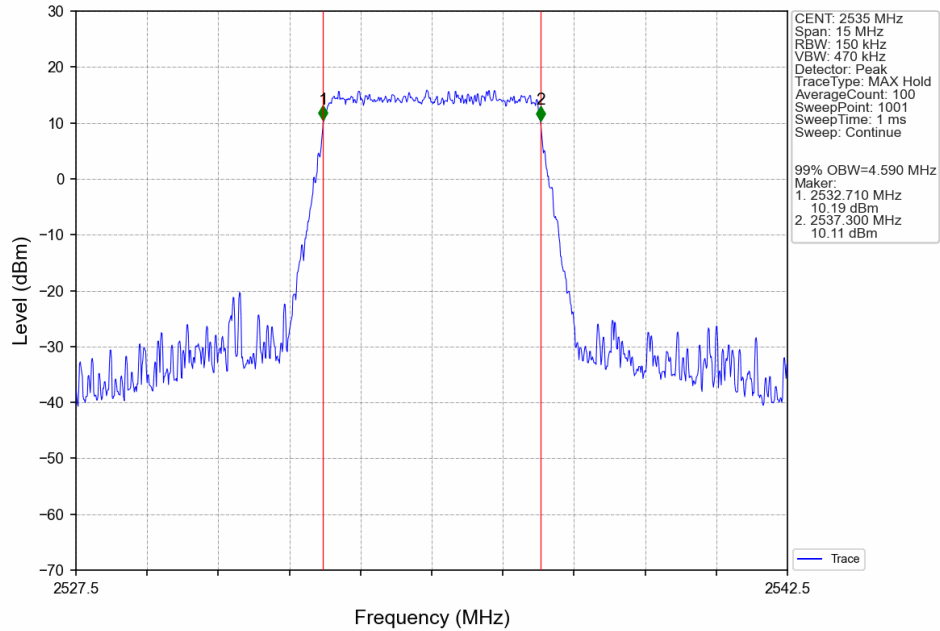
3.2.1 Band7_OBW



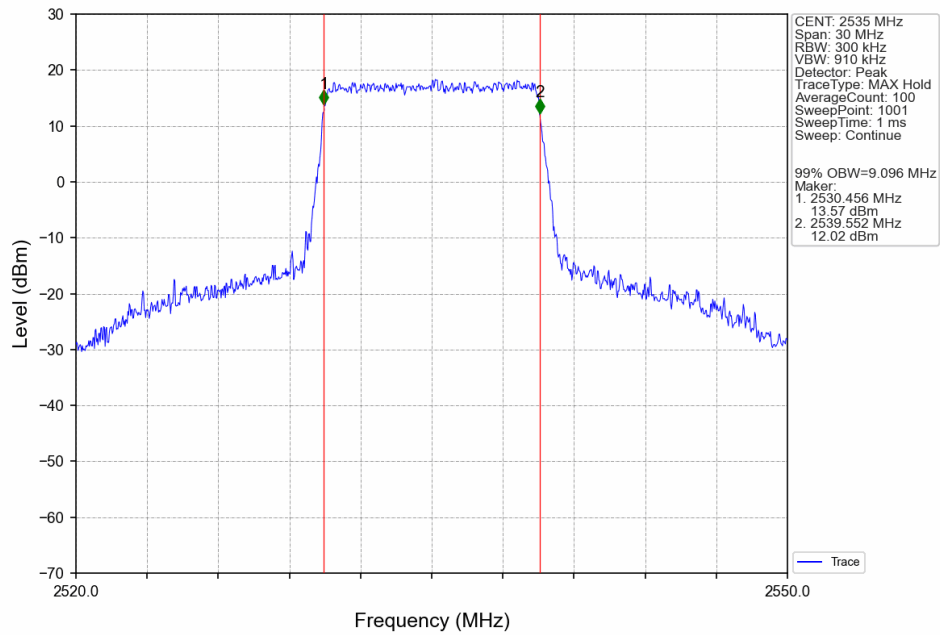
Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



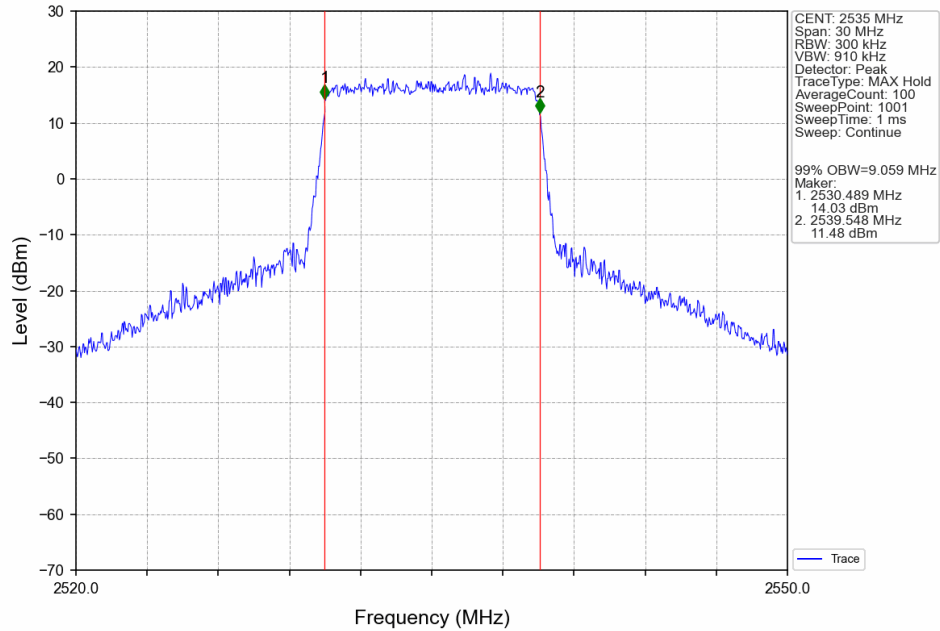
Band7_5MHz_256QAM_MCH_2535MHz_RB_25_0_NTNV



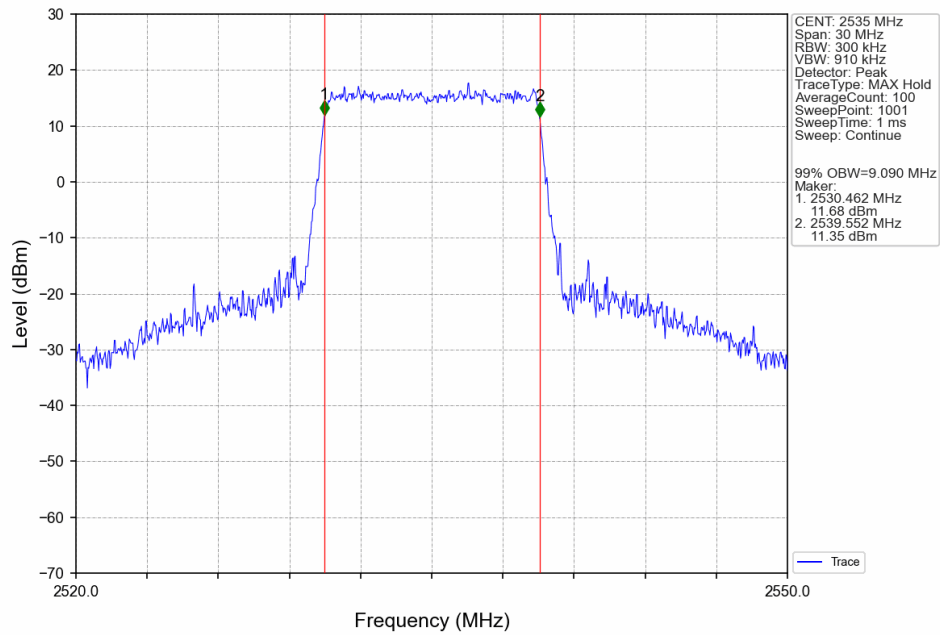
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



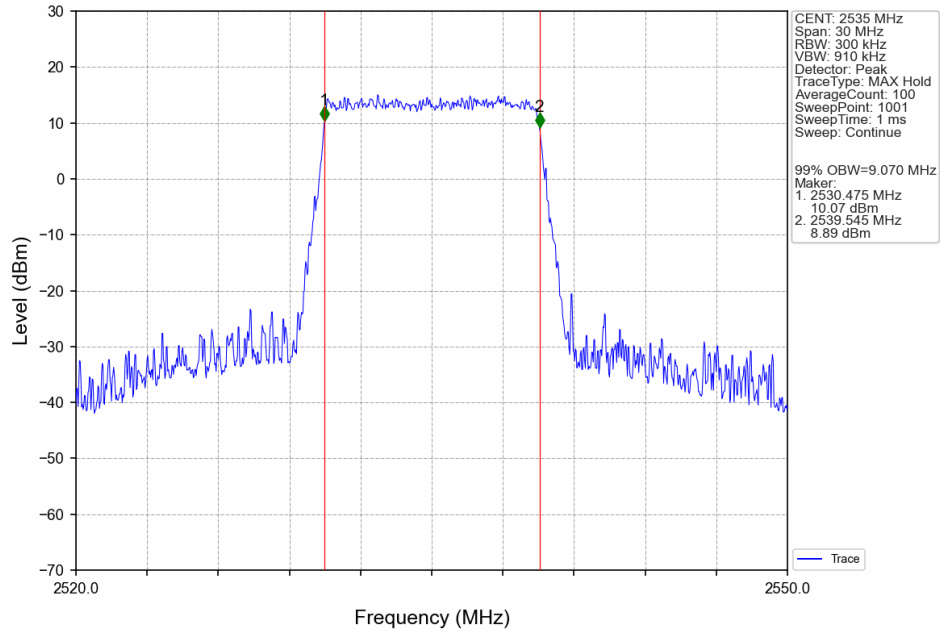
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



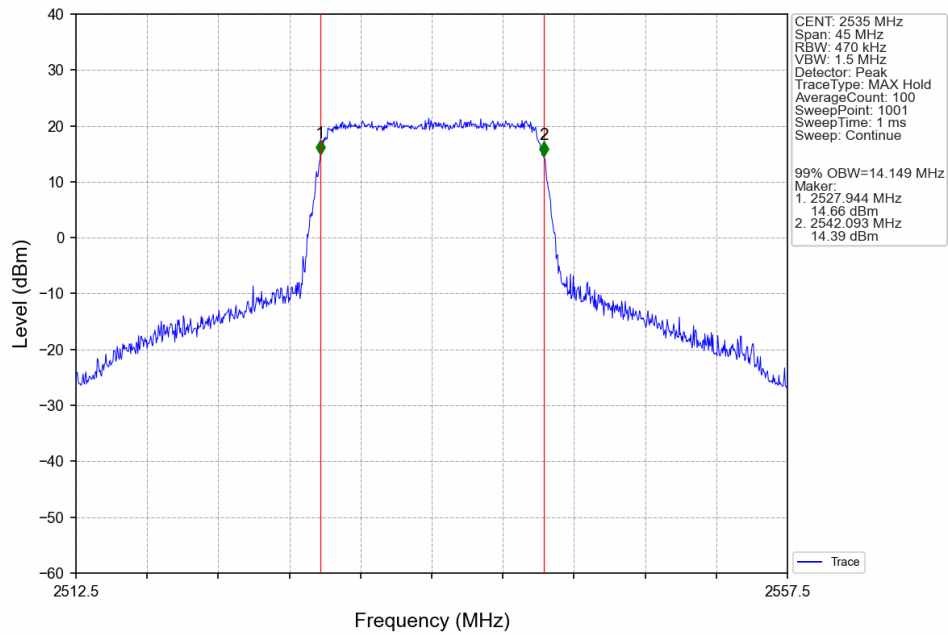
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



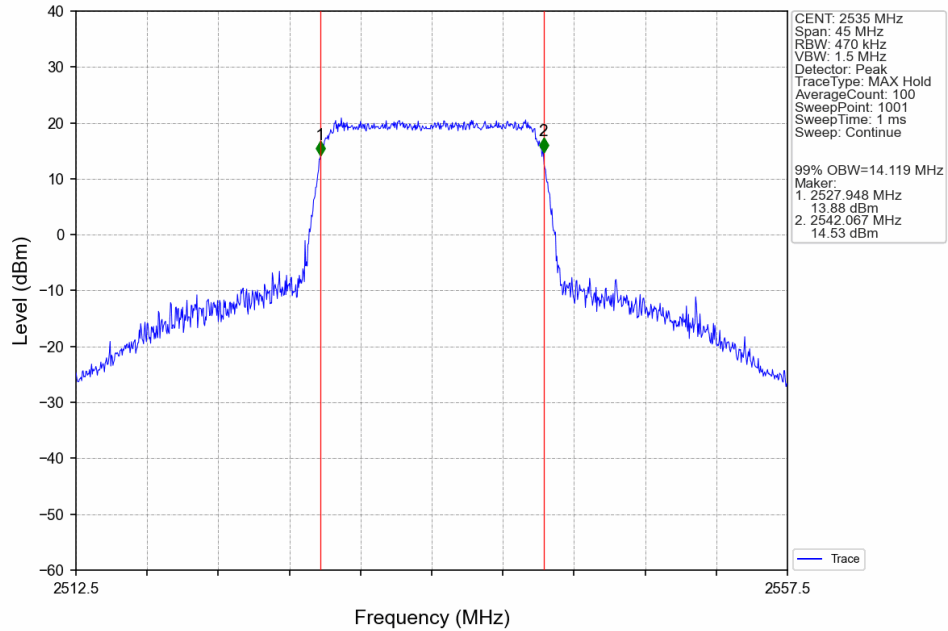
Band7_10MHz_256QAM_MCH_2535MHz_RB_50_0_NTNV



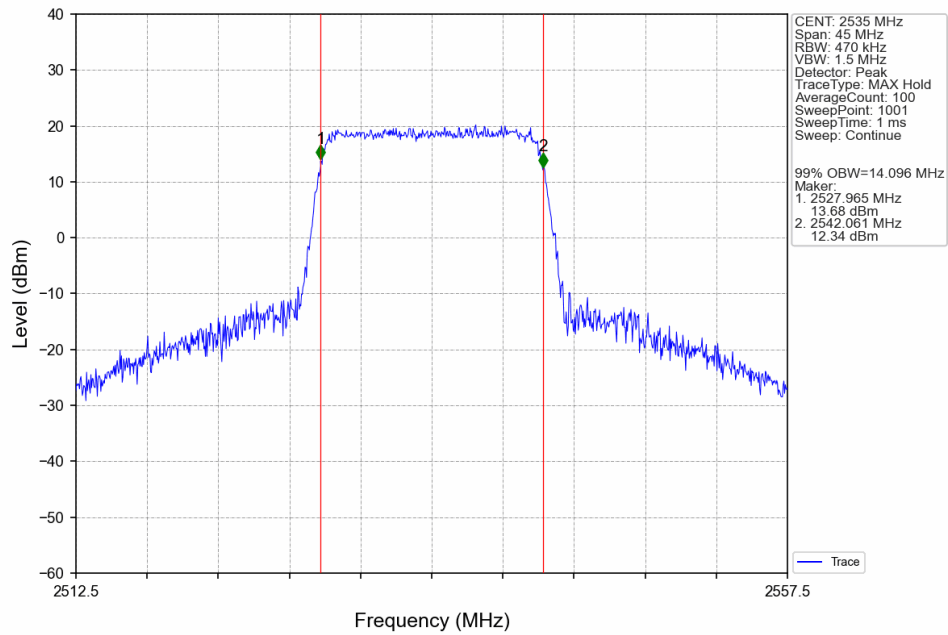
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



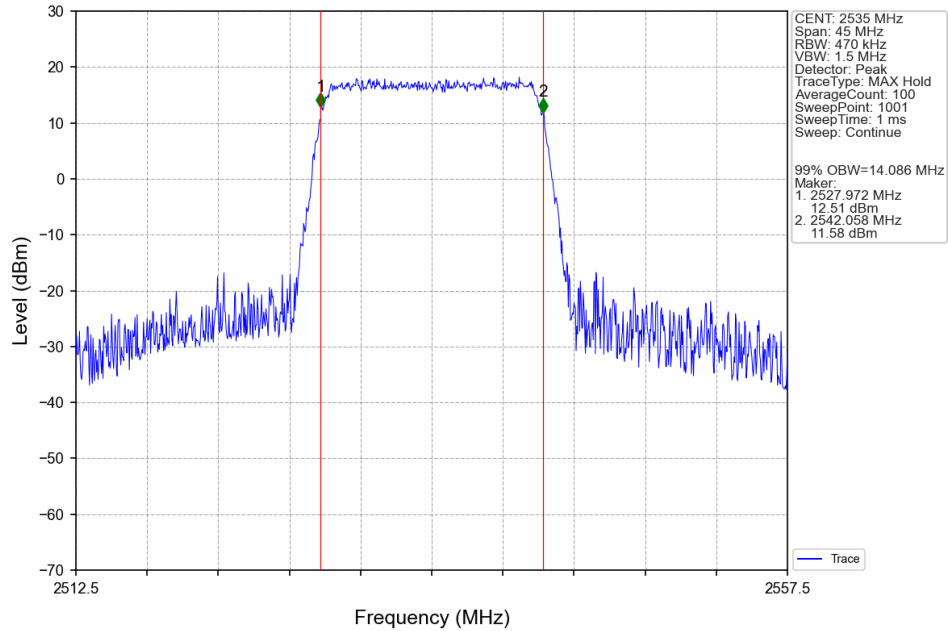
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



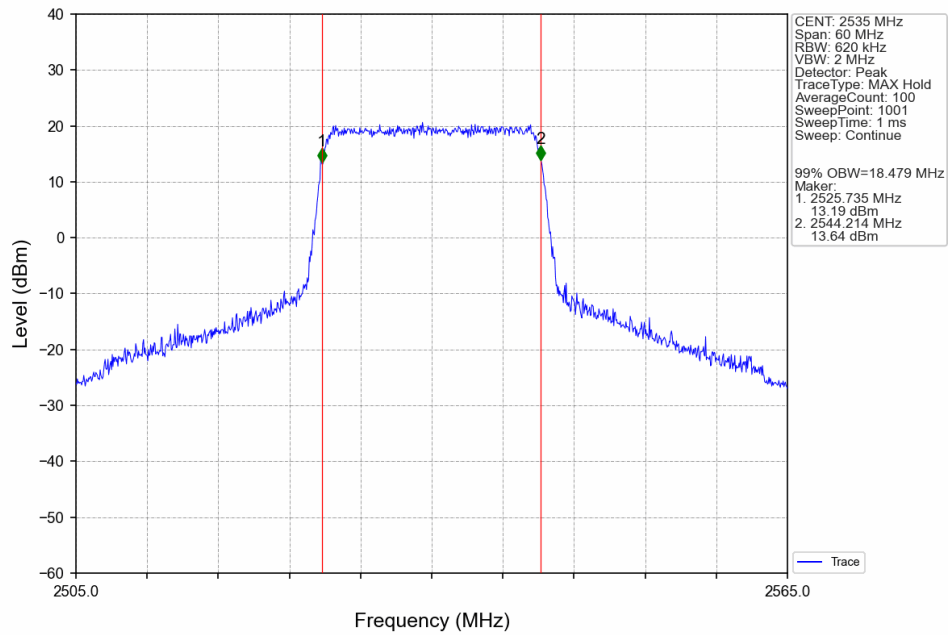
Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



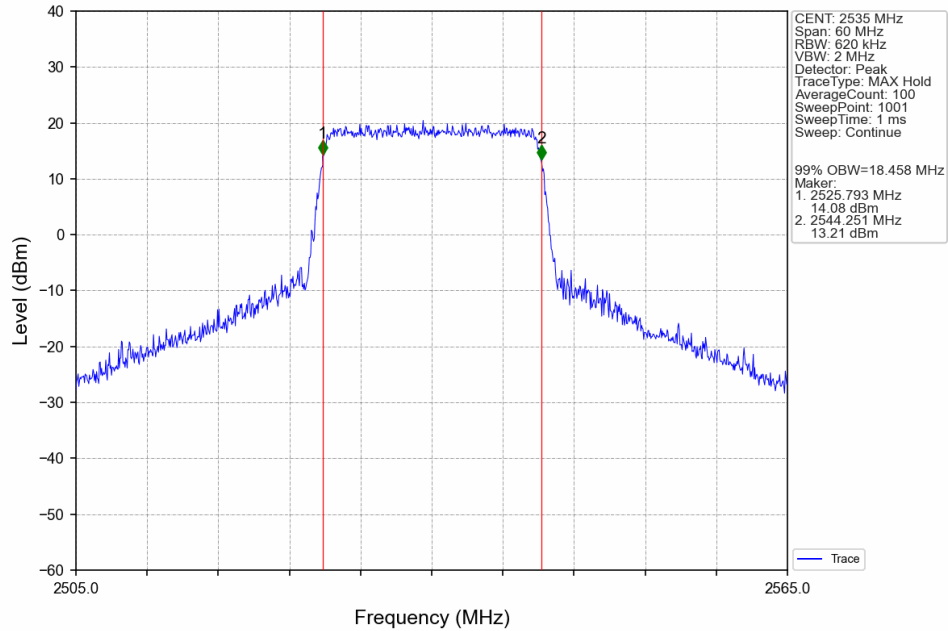
Band7_15MHz_256QAM_MCH_2535MHz_RB_75_0_NTNV



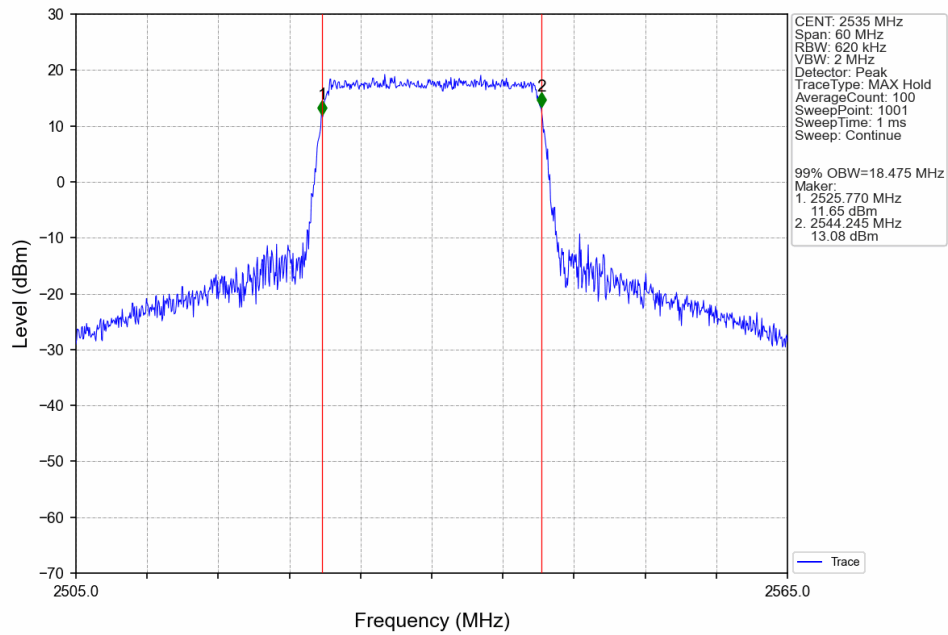
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



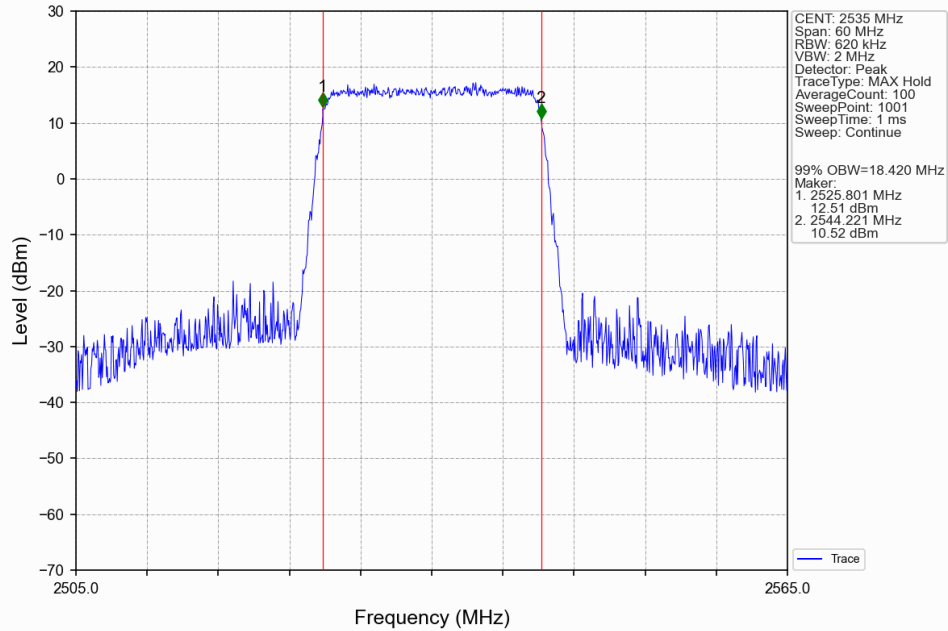
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



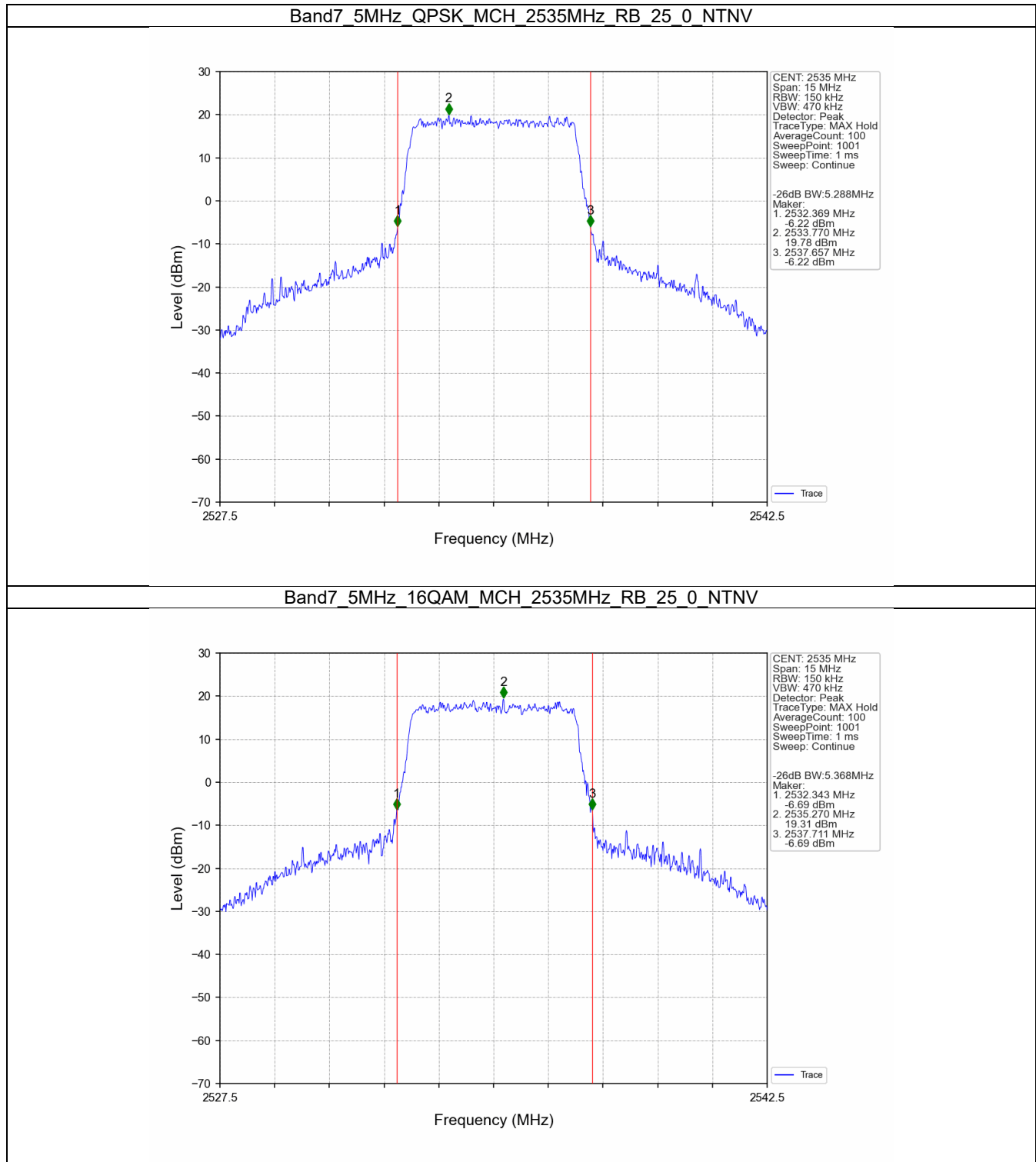
Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTNV



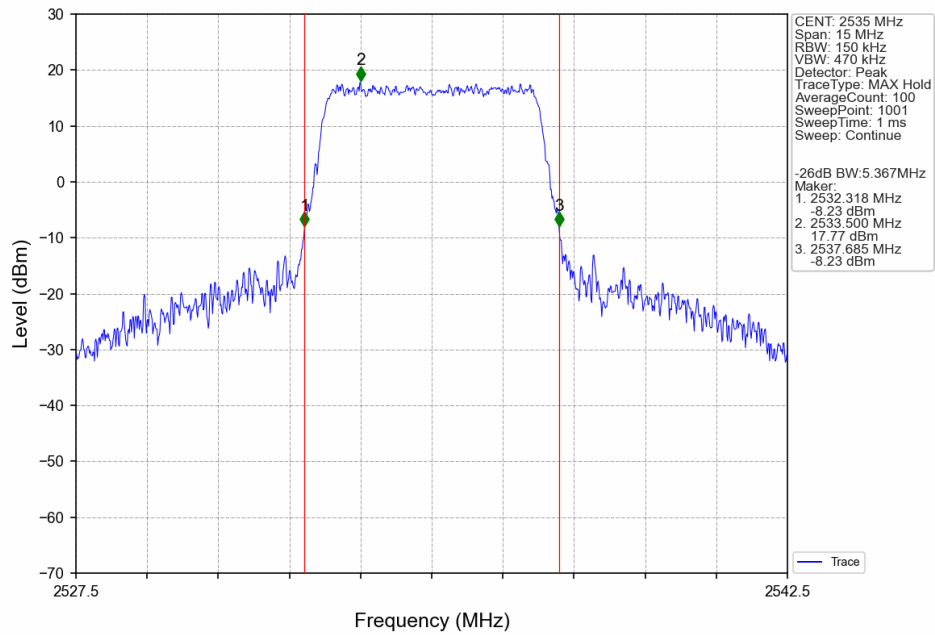
Band7 20MHz 256QAM MCH 2535MHz RB 100 0 NTNV



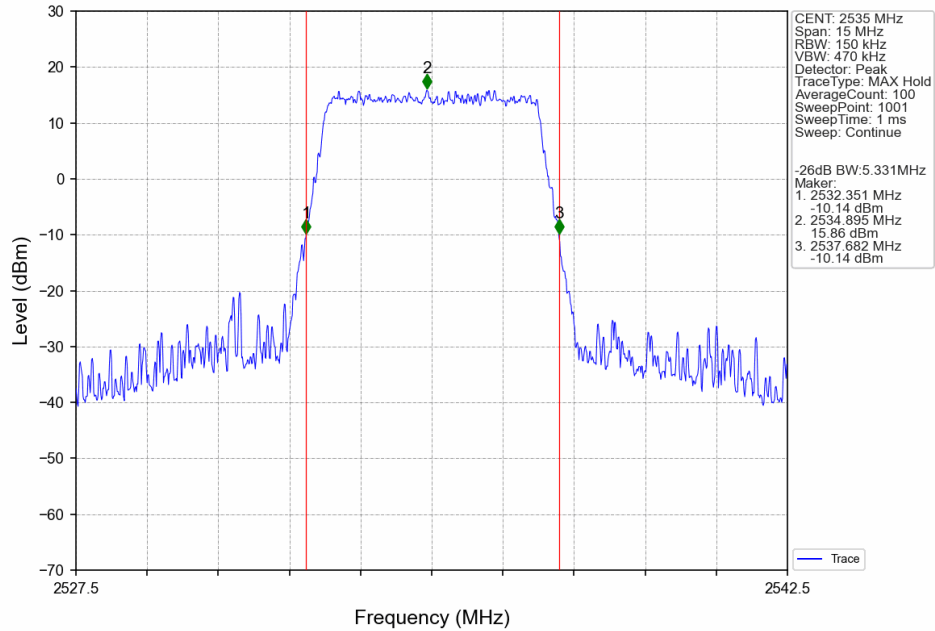
3.2.2 Band7_XDB



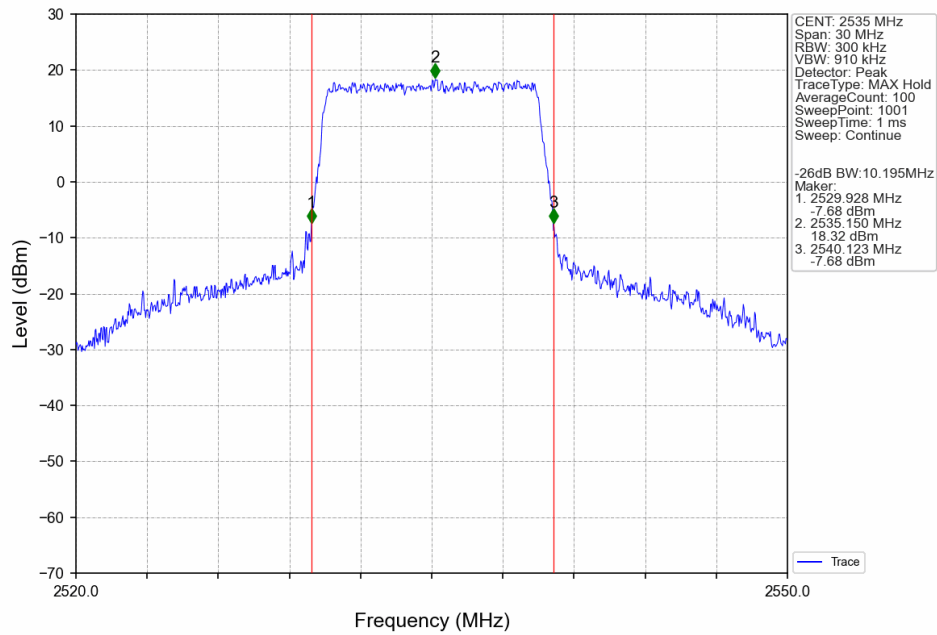
Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



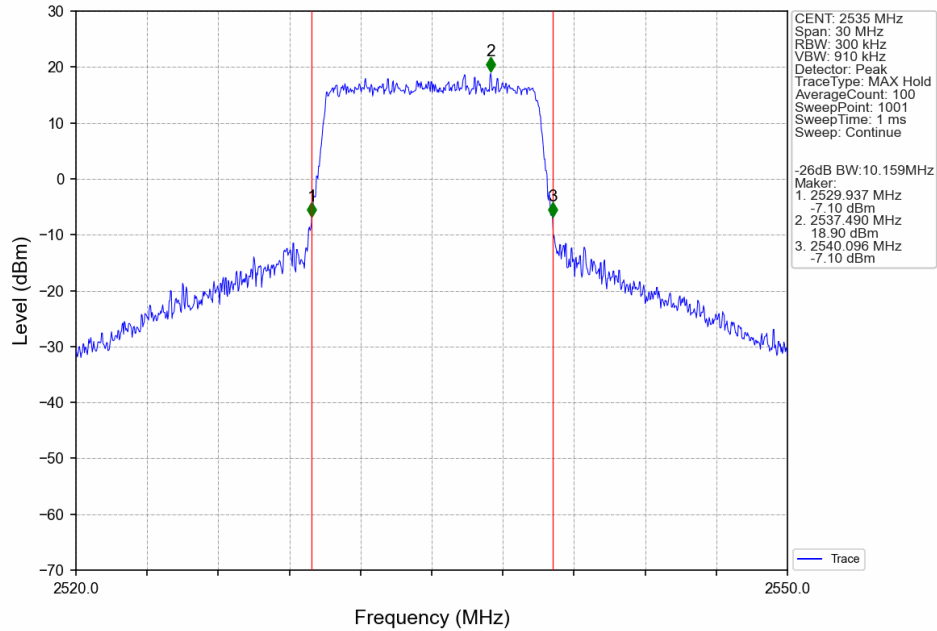
Band7_5MHz_256QAM_MCH_2535MHz_RB_25_0_NTNV



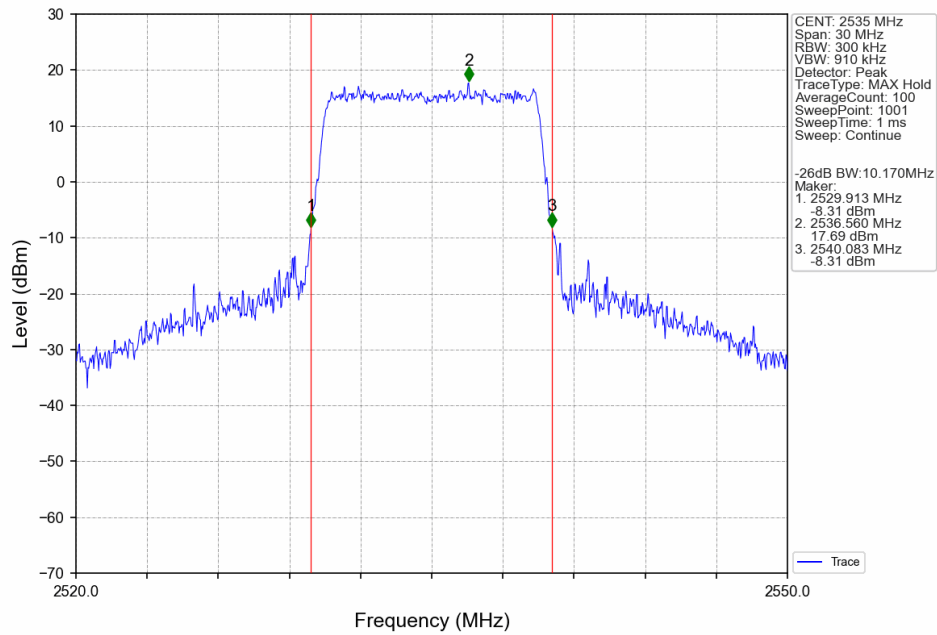
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



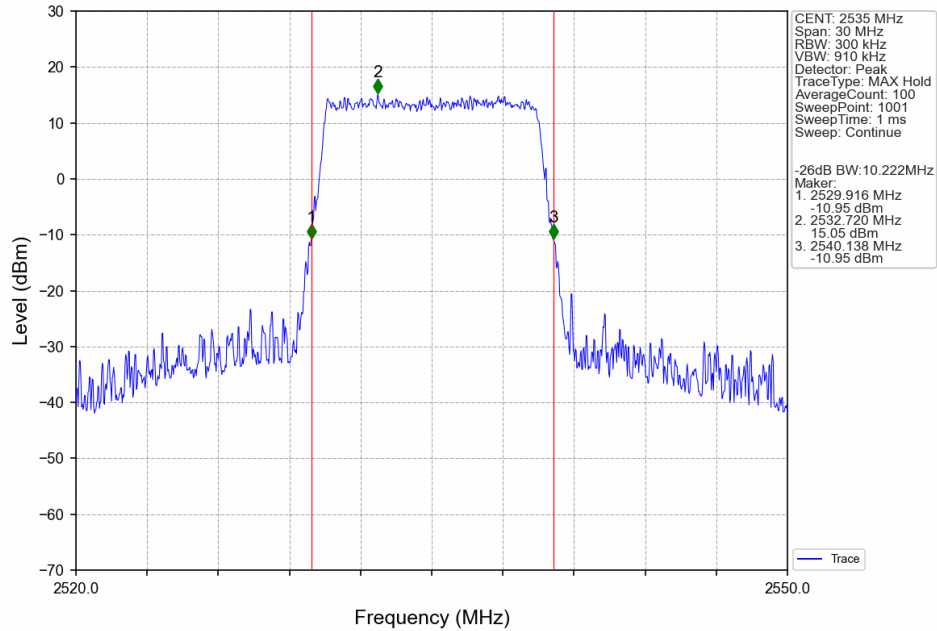
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



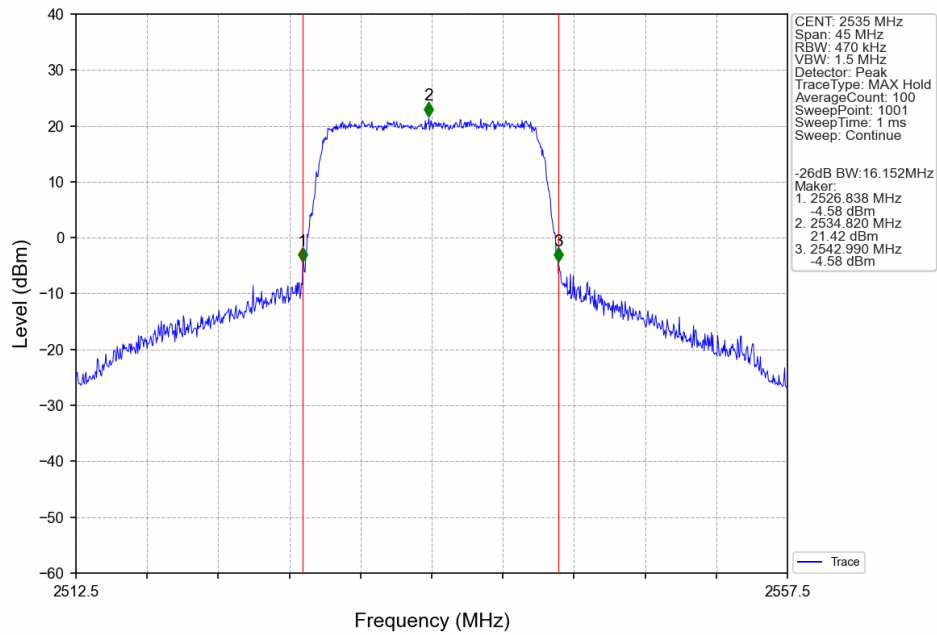
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



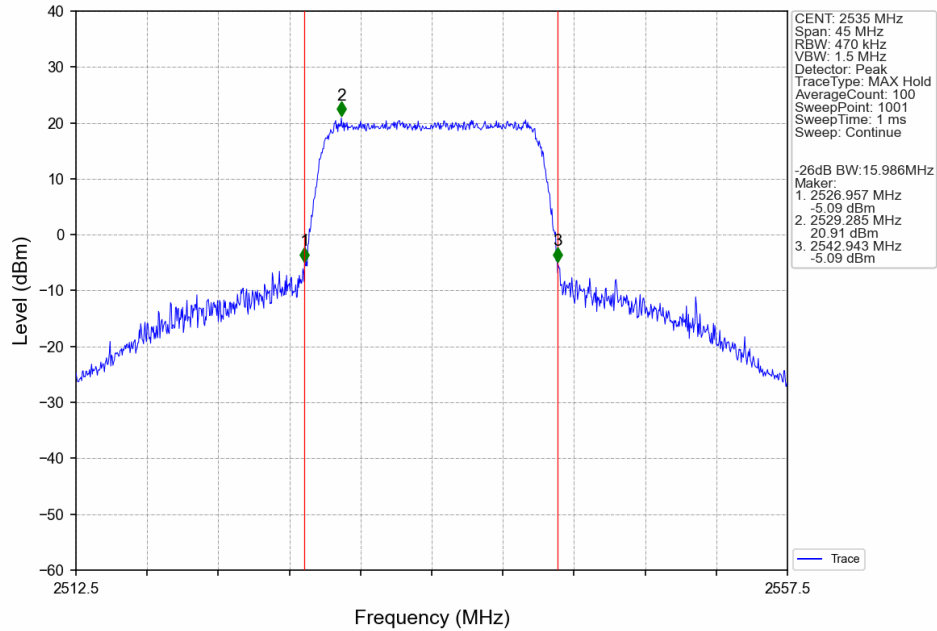
Band7_10MHz_256QAM_MCH_2535MHz_RB_50_0_NTNV



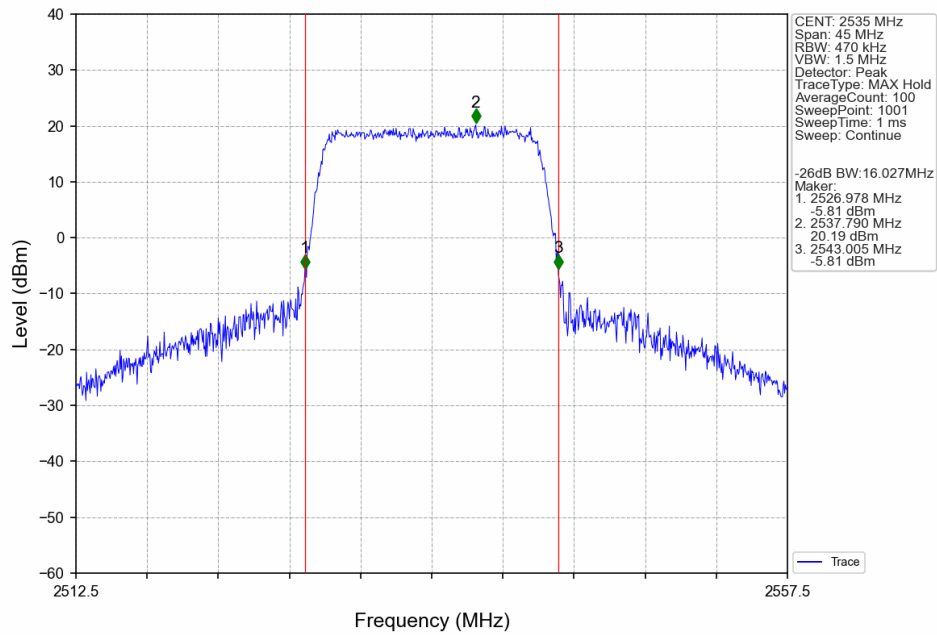
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



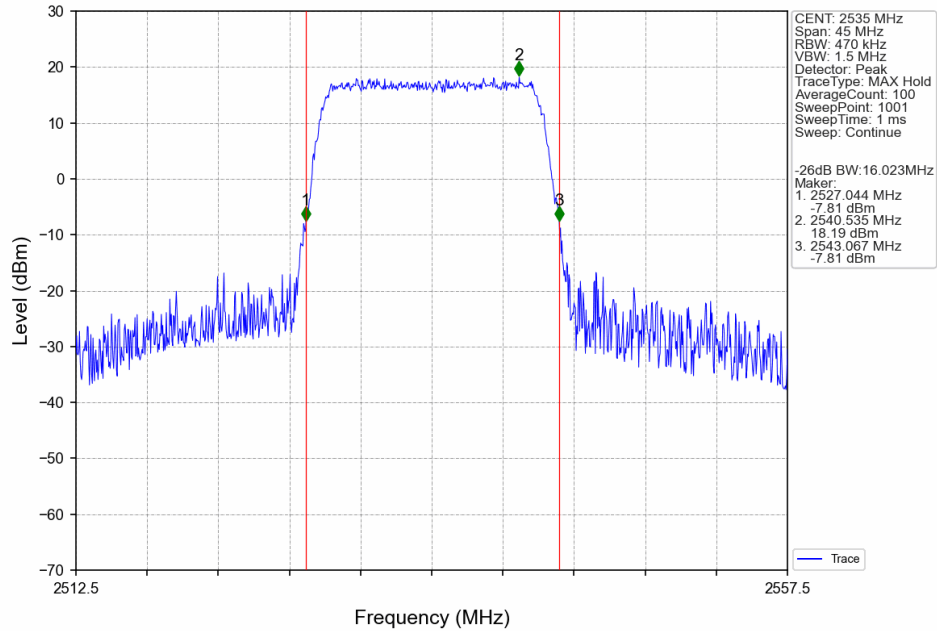
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



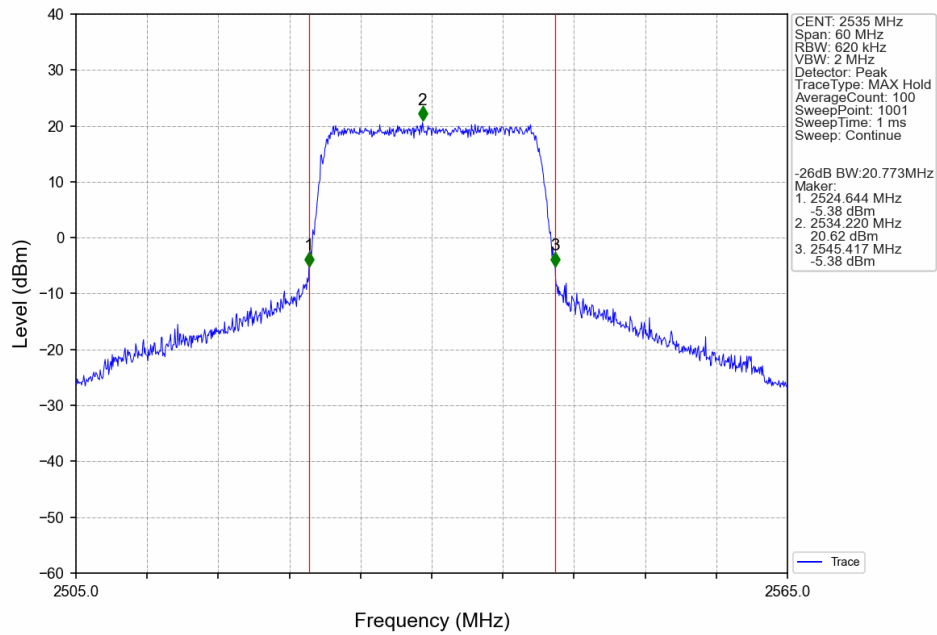
Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



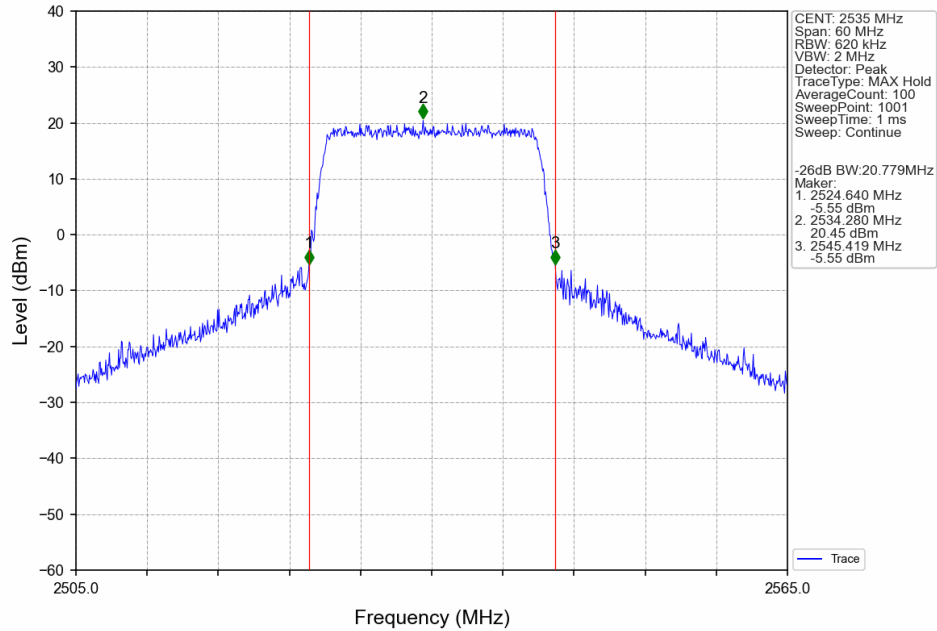
Band7_15MHz_256QAM_MCH_2535MHz_RB_75_0_NTNV



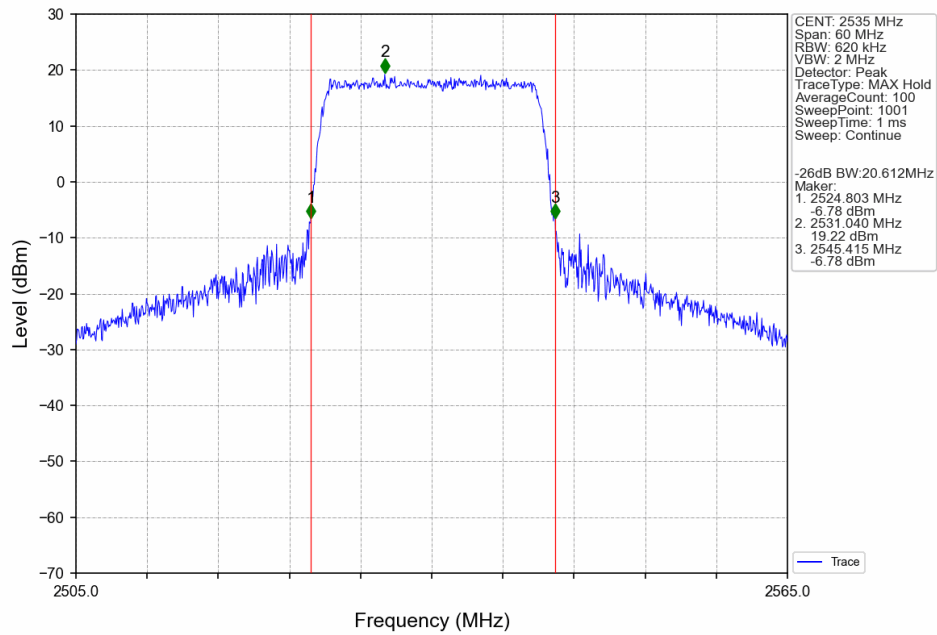
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



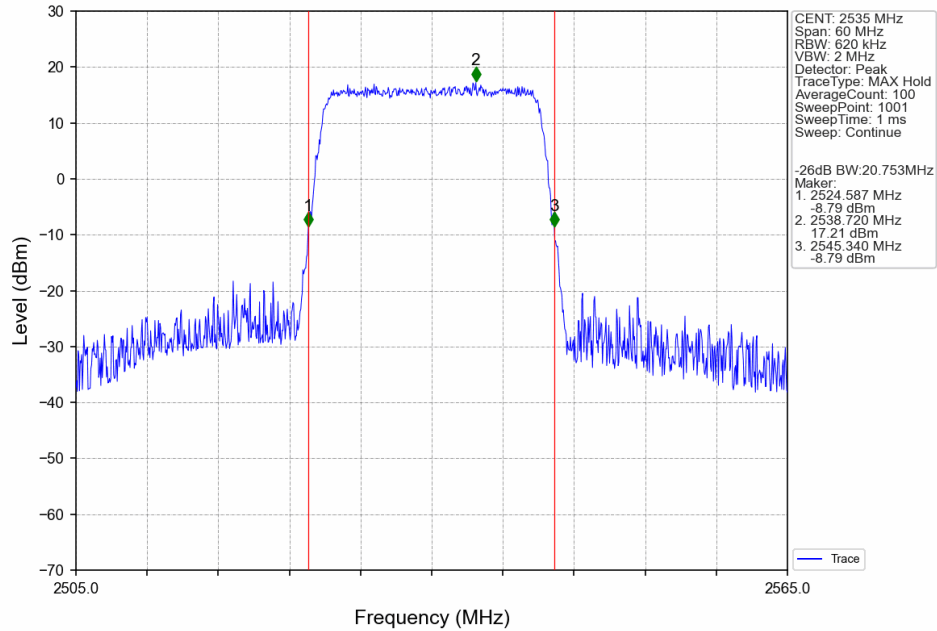
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



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



Band7 20MHz 256QAM MCH 2535MHz RB 100 0 NTN



4. Peak-Average Ratio

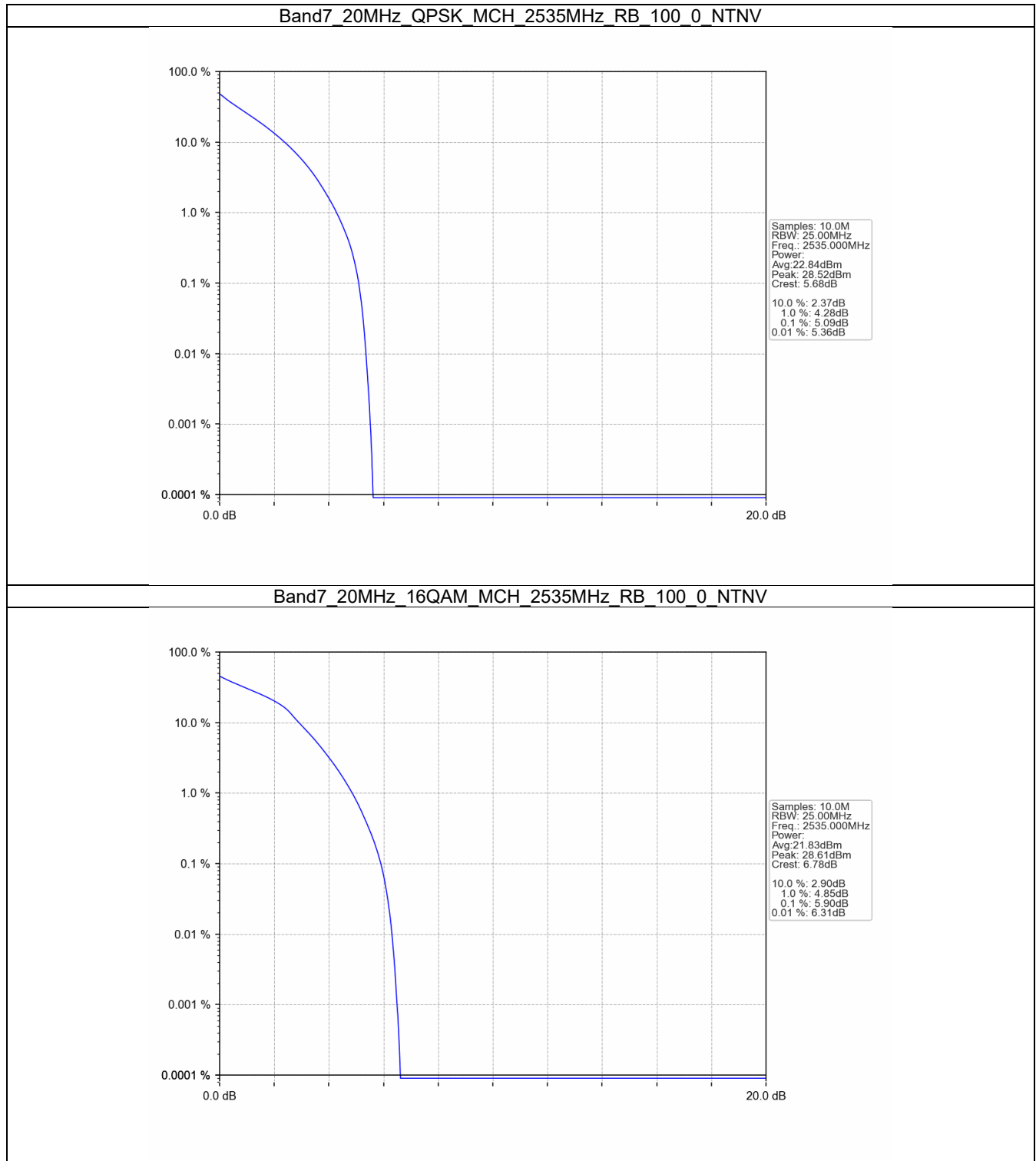
4.1 Test Result

4.1.1 B7_20MHz

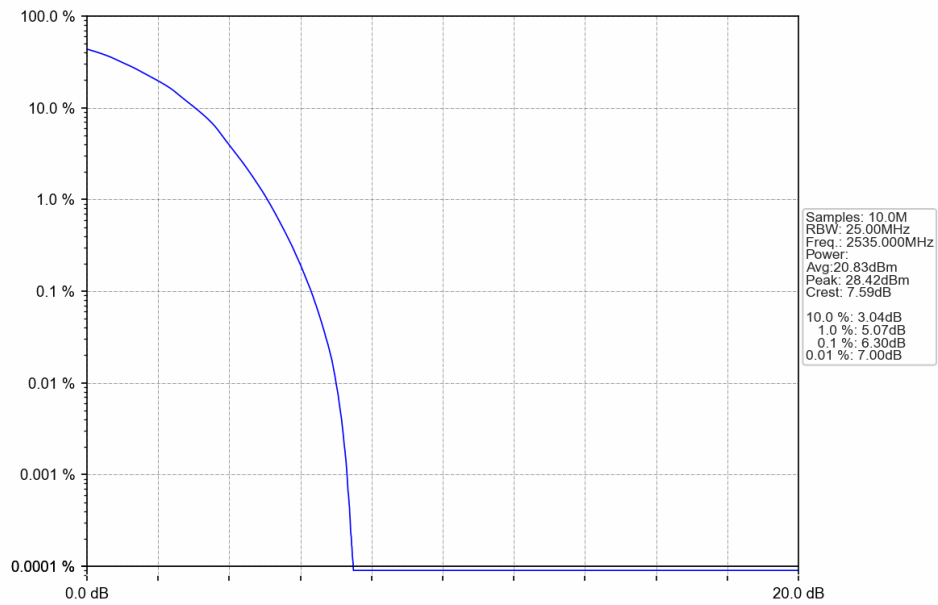
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	5.09	<=13	Pass
16QAM	2535	100	0	5.90	<=13	Pass
64QAM	2535	100	0	6.30	<=13	Pass
256QAM	2535	100	0	6.60	<=13	Pass

4.2 Test Graph

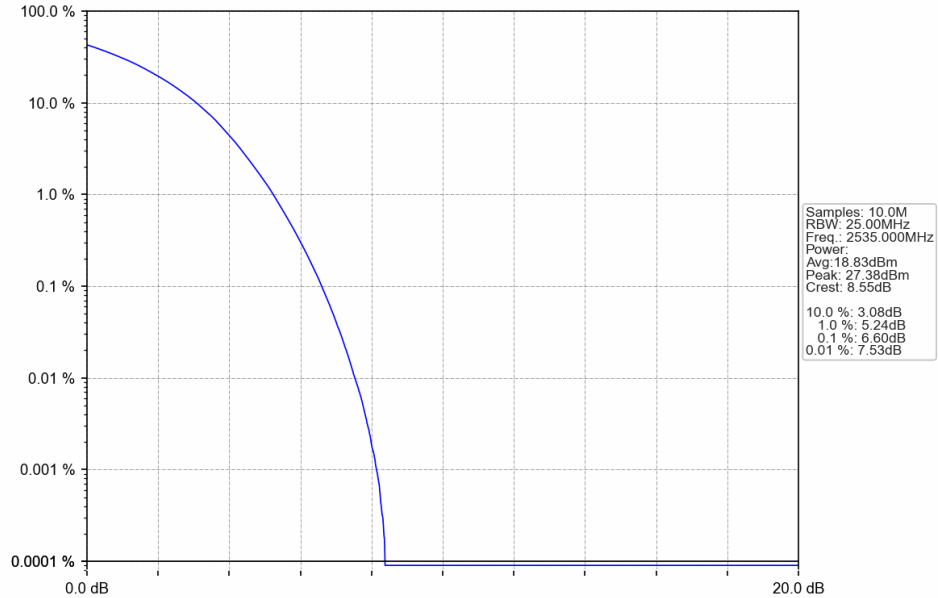
4.2.1 B7_20MHz



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 / NTNV						
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

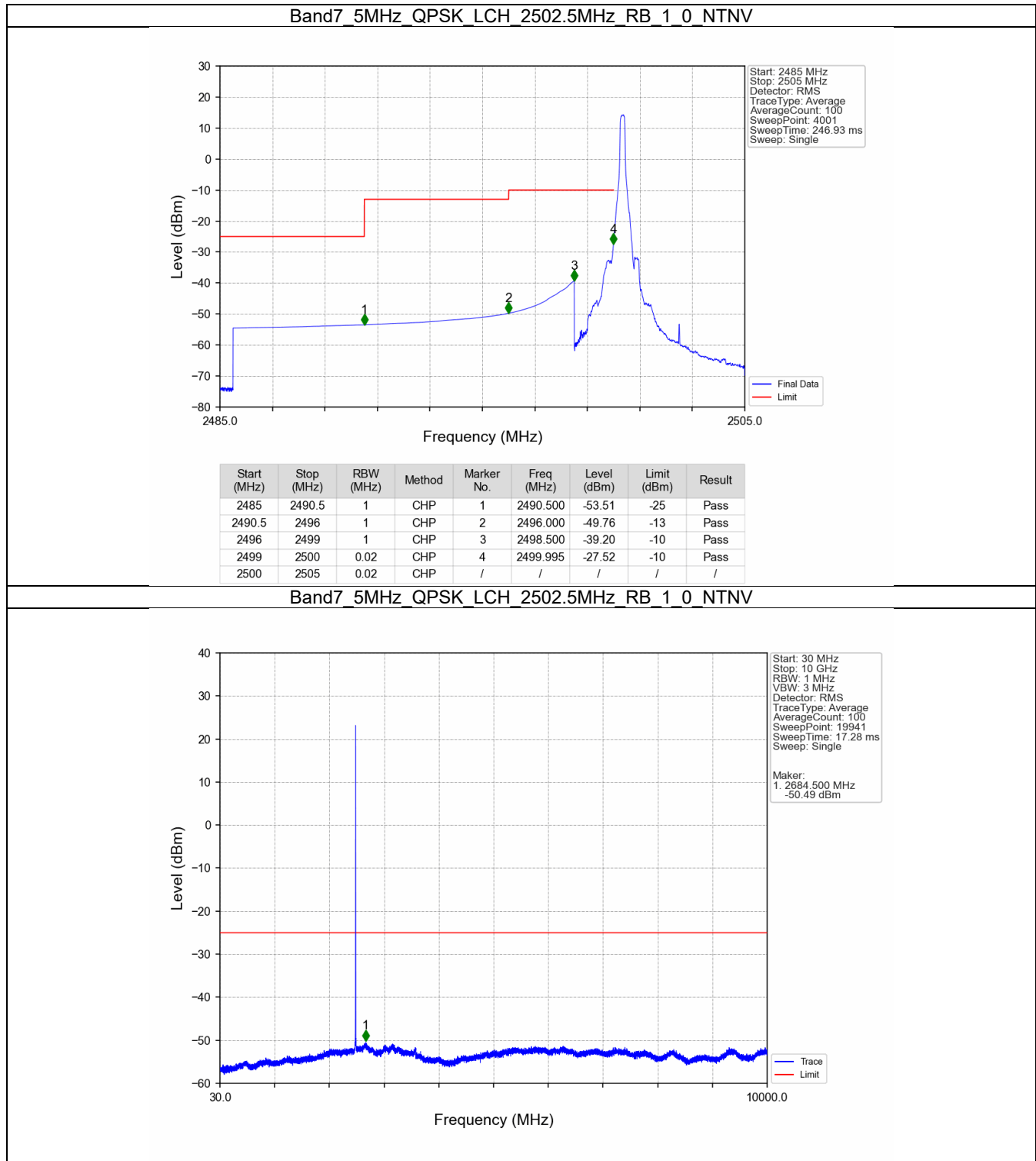
Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B7_20MHz

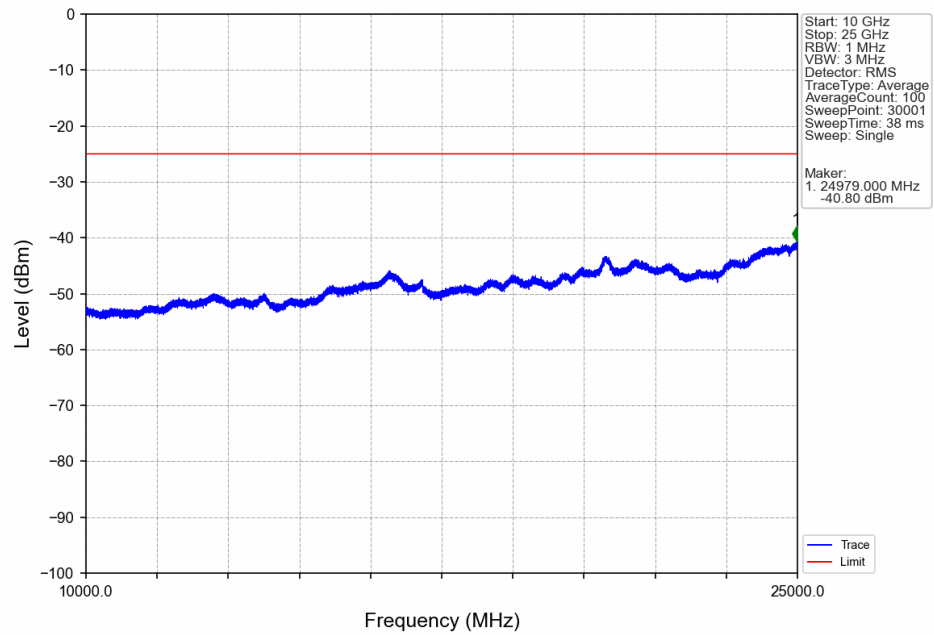
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

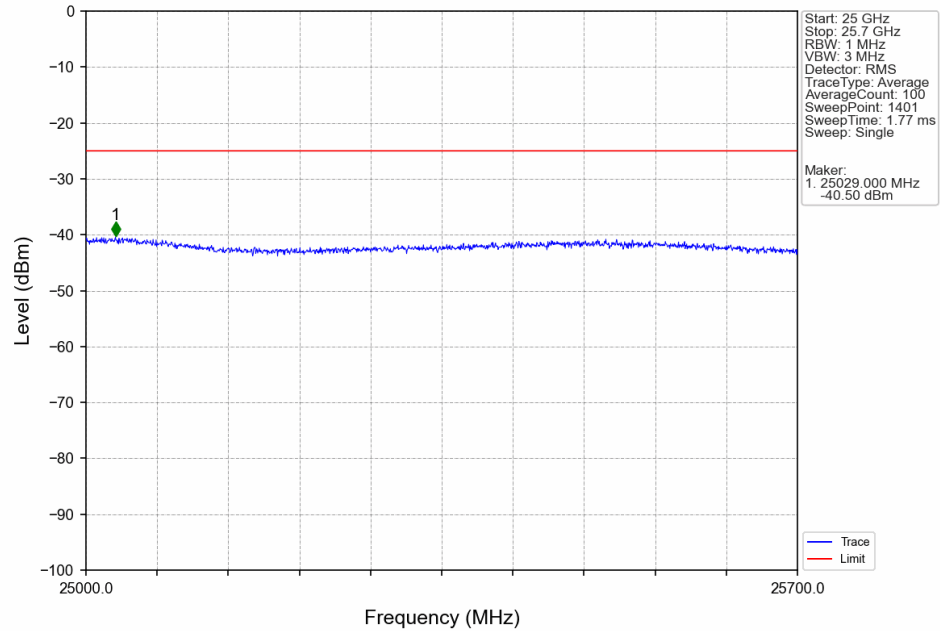
5.2.1 B7_5MHz



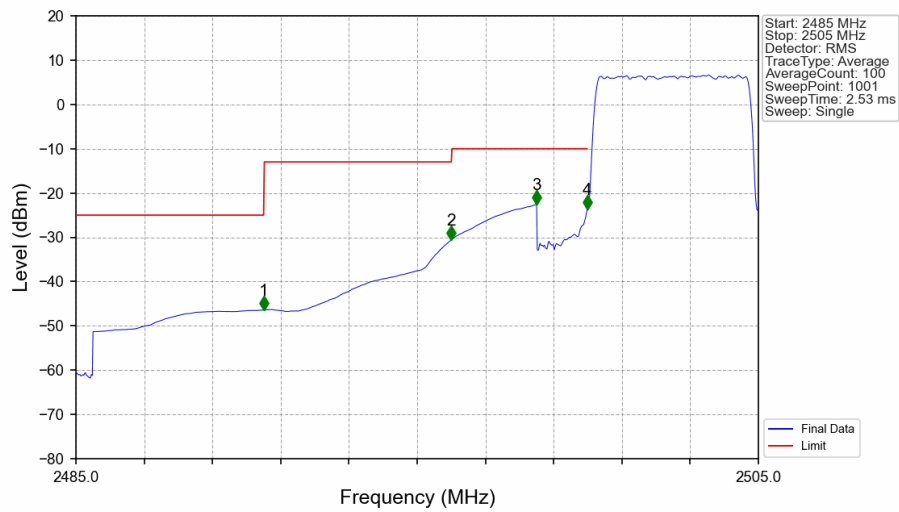
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

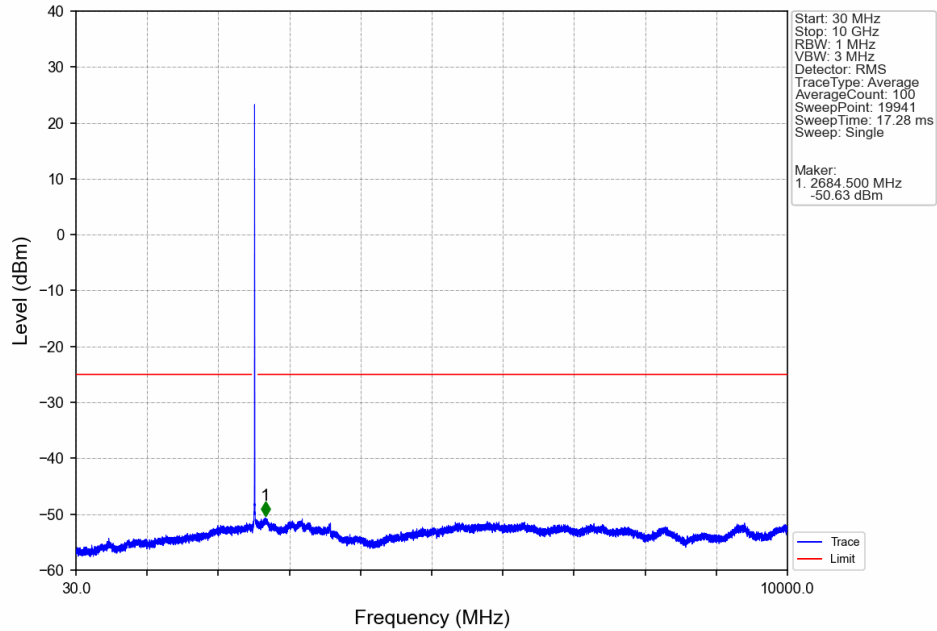


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

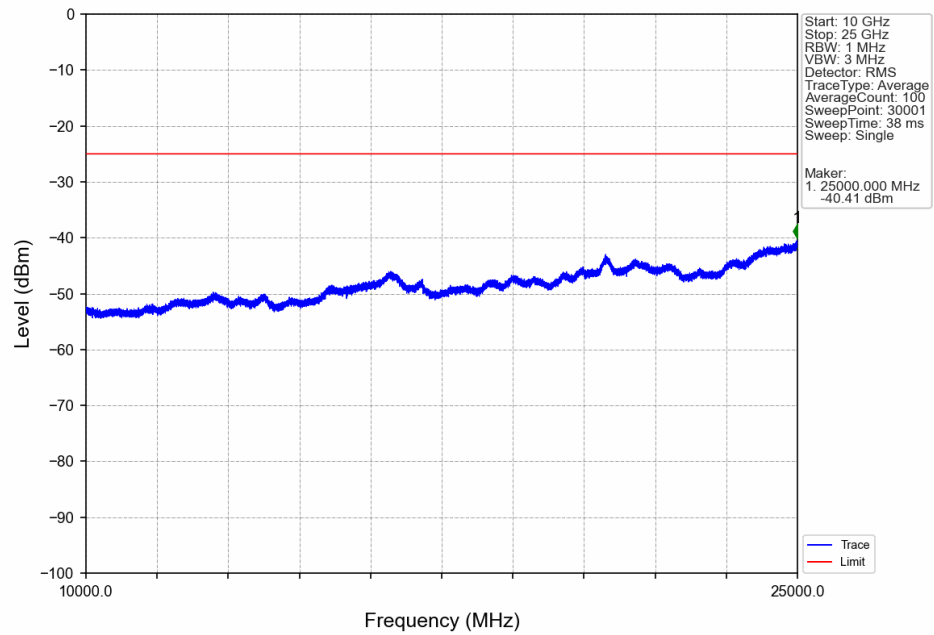


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-46.42	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-30.61	-13	Pass
2496	2499	1	CHP	3	2498.500	-22.63	-10	Pass
2499	2500	0.106	CHP	4	2499.980	-23.67	-10	Pass
2500	2505	0.106	CHP	/	/	/	/	/

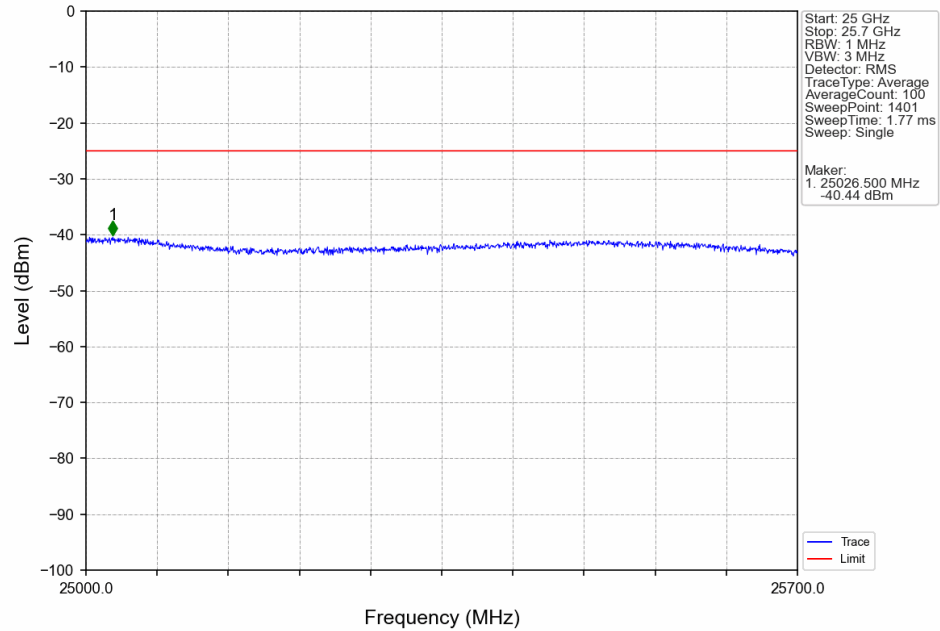
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



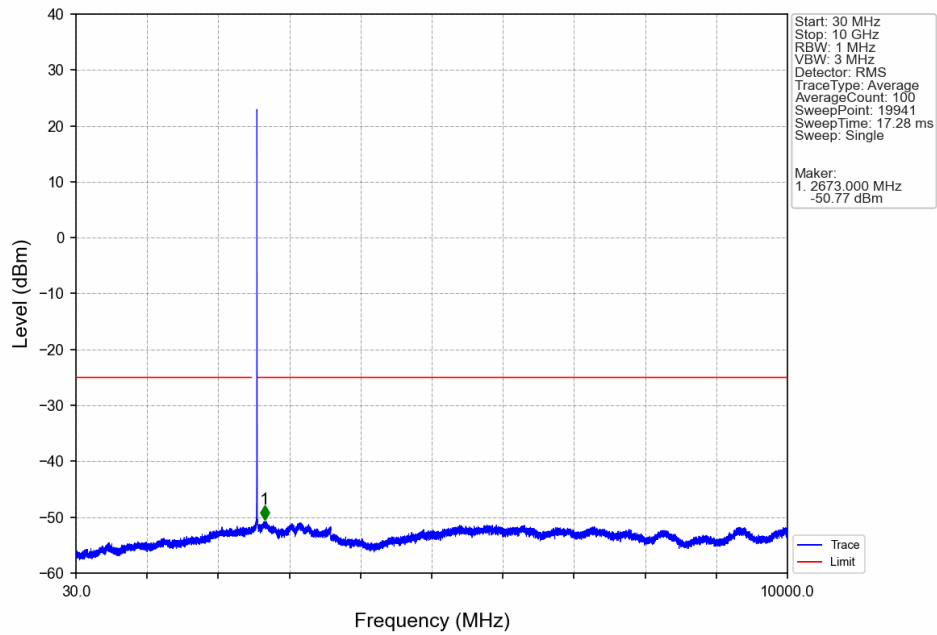
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



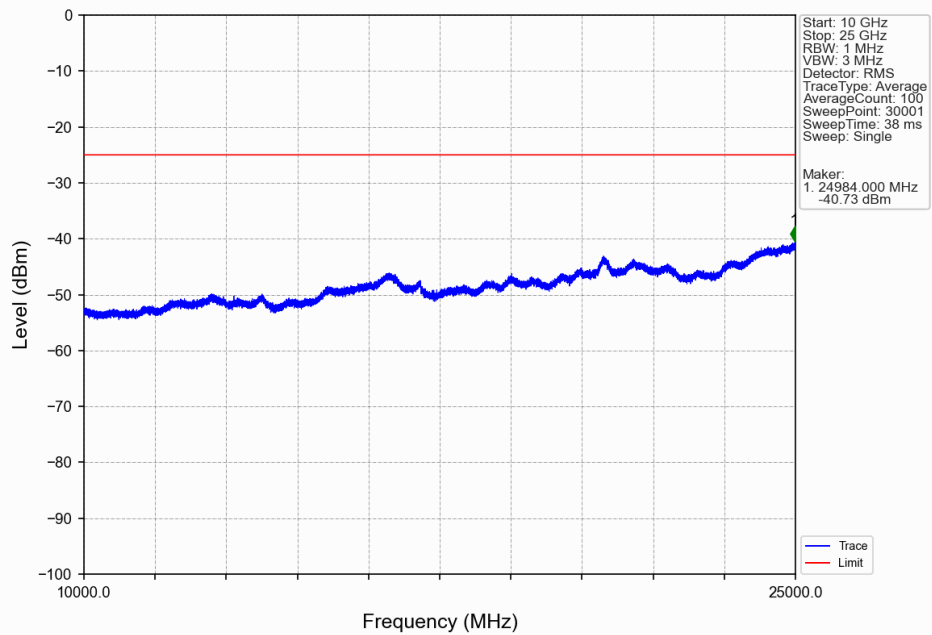
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



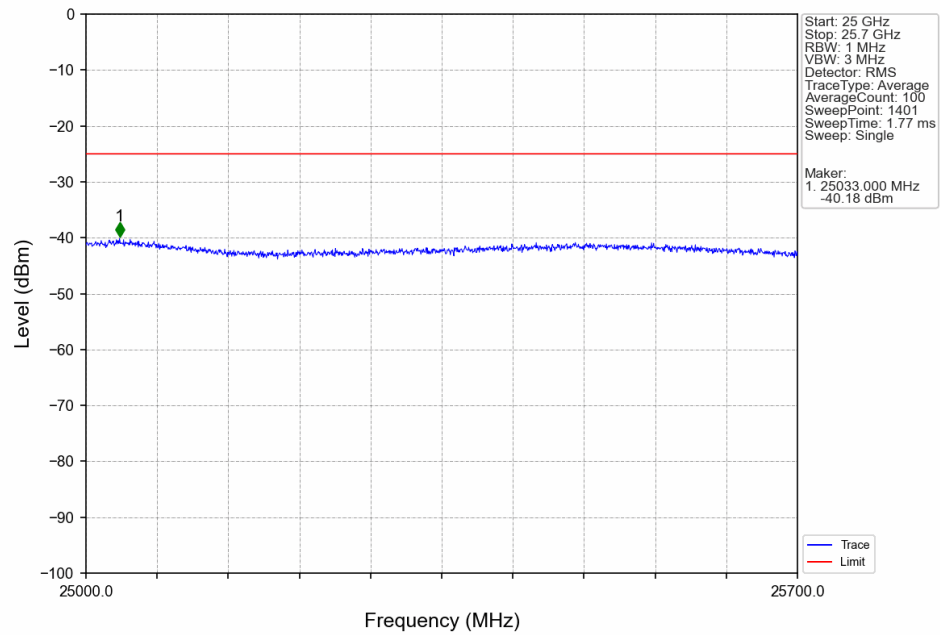
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



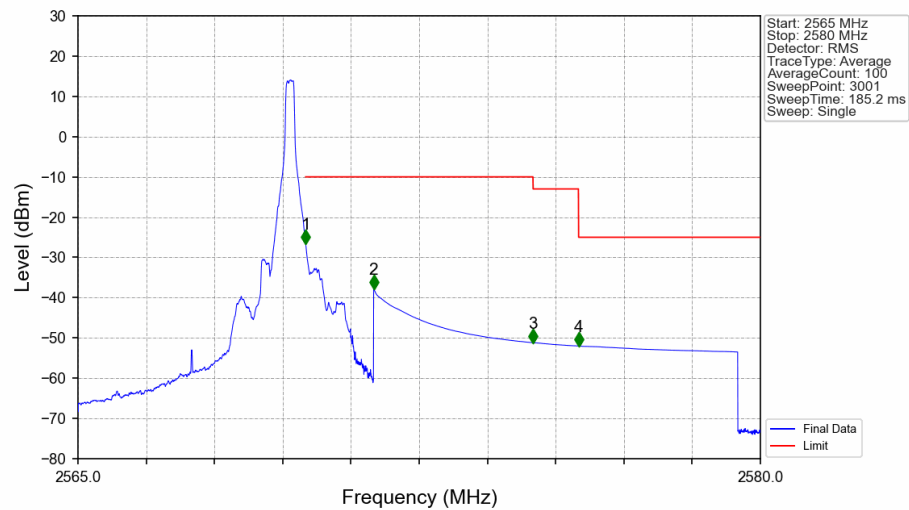
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

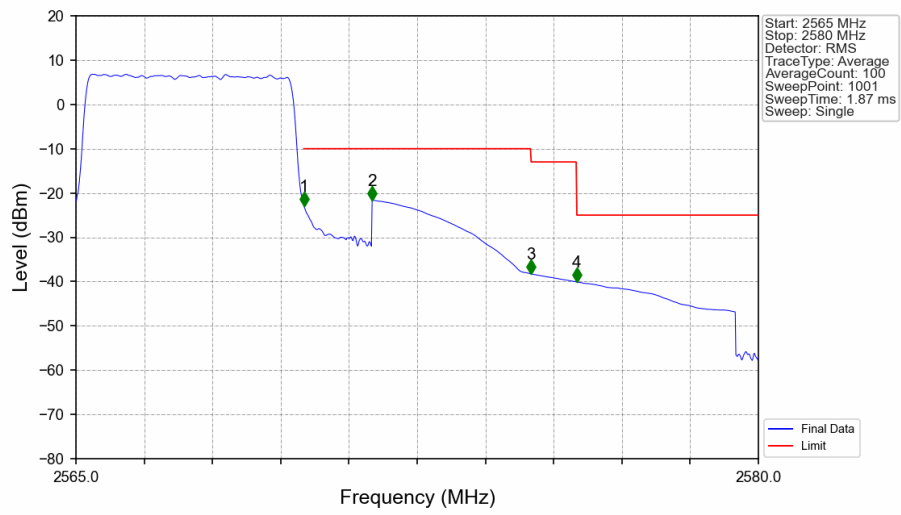


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



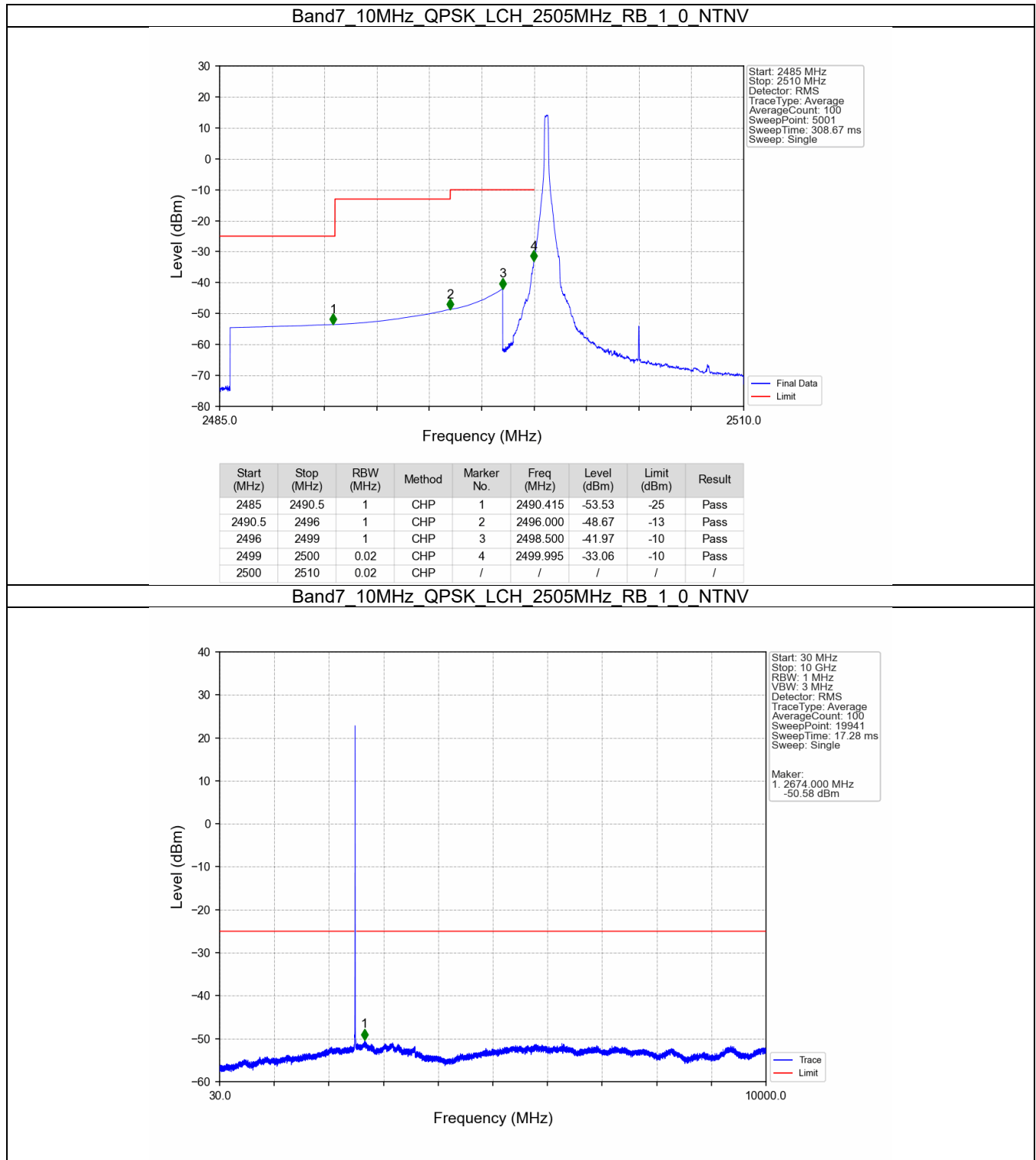
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-26.66	-10	Pass
2571	2575	1	CHP	2	2571.500	-37.85	-10	Pass
2575	2576	1	CHP	3	2575.005	-51.20	-13	Pass
2576	2580	1	CHP	4	2576.005	-52.02	-25	Pass

Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV

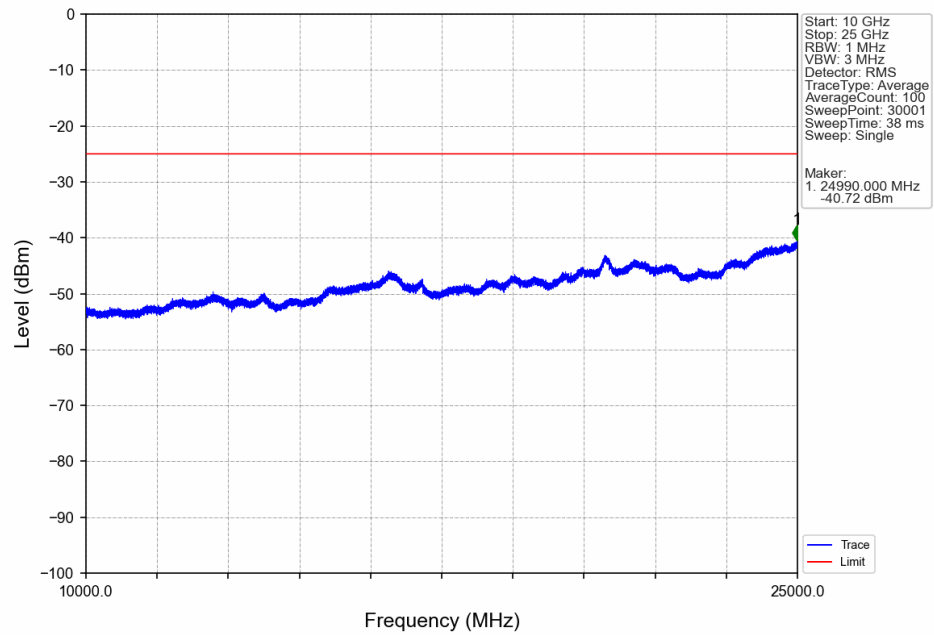


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.106	CHP	/	/	/	/	/
2570	2571	0.106	CHP	1	2570.010	-22.92	-10	Pass
2571	2575	1	CHP	2	2571.510	-21.59	-10	Pass
2575	2576	1	CHP	3	2575.005	-38.27	-13	Pass
2576	2580	1	CHP	4	2576.010	-40.09	-25	Pass

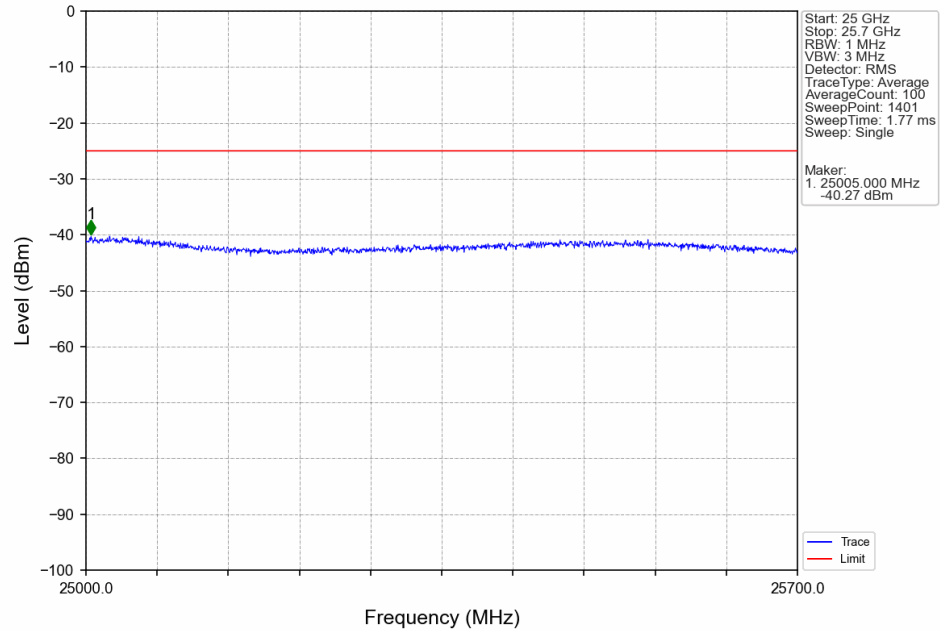
5.2.2 B7_10MHz



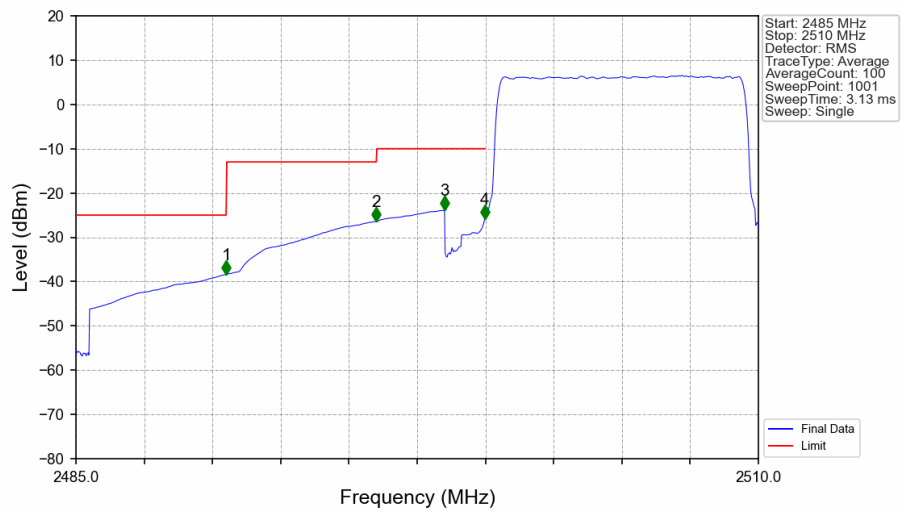
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

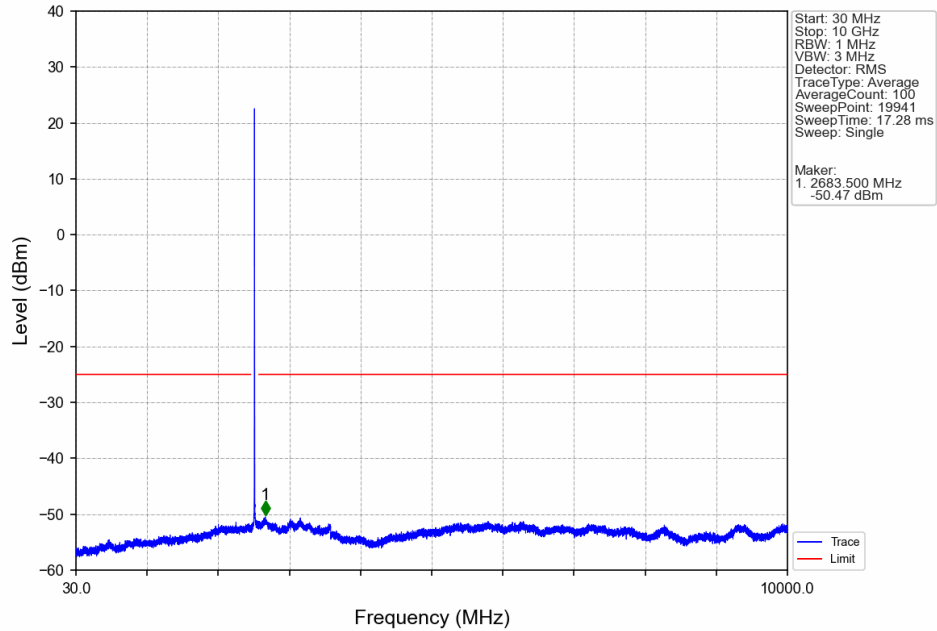


Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV

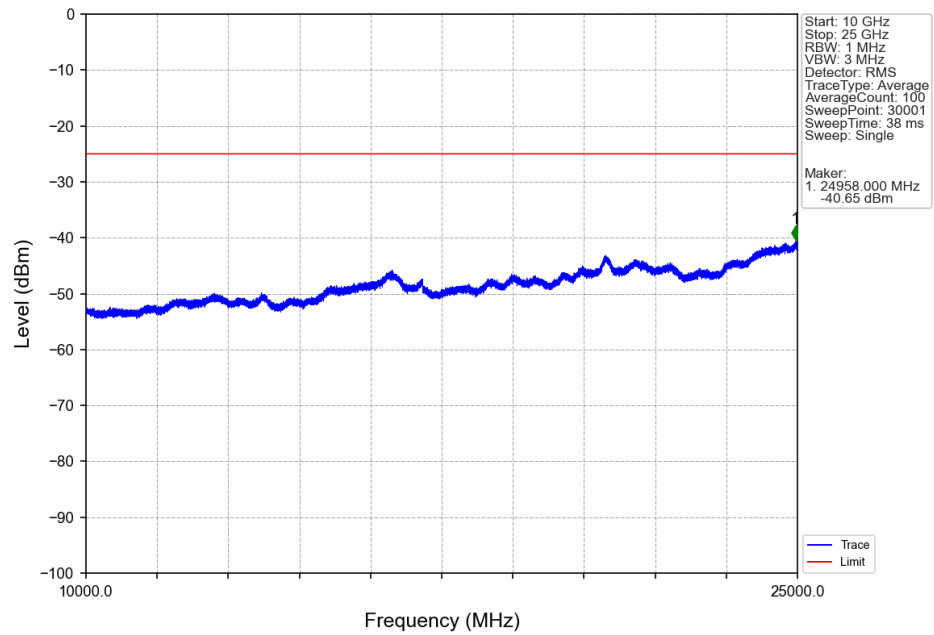


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-38.39	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-26.42	-13	Pass
2496	2499	1	CHP	3	2498.500	-23.88	-10	Pass
2499	2500	0.204	CHP	4	2499.975	-25.91	-10	Pass
2500	2510	0.204	CHP	/	/	/	/	/

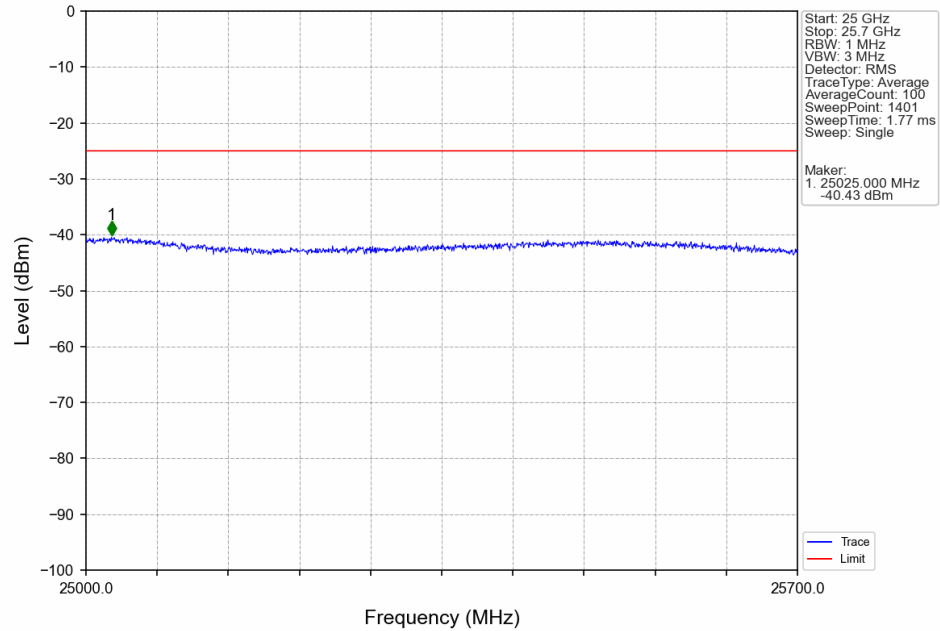
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



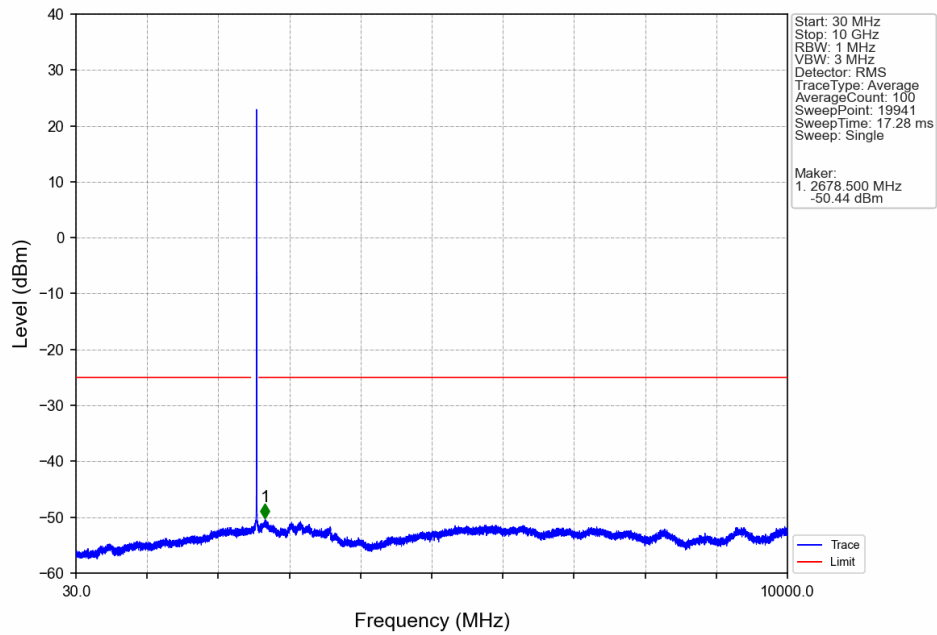
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



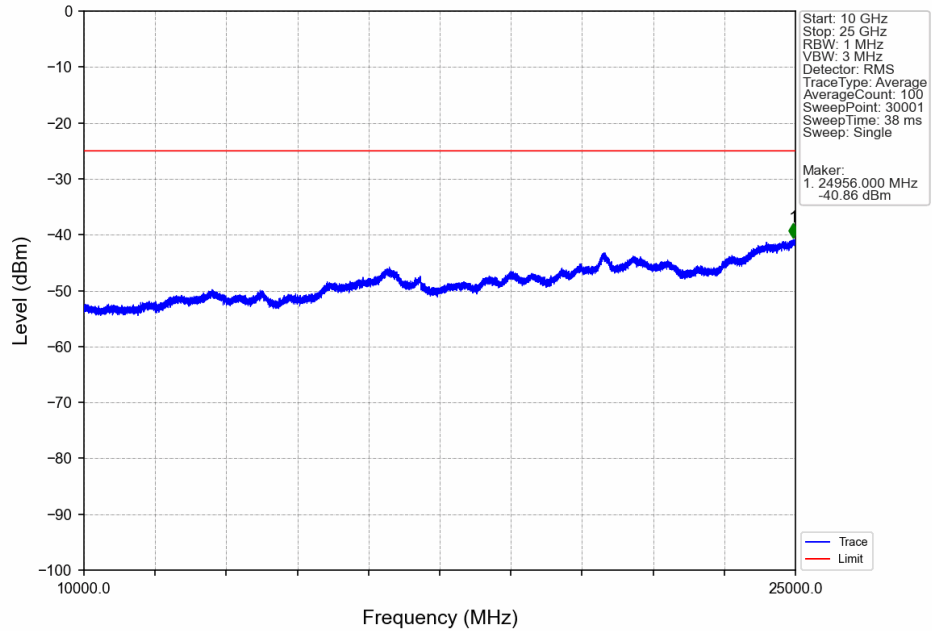
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



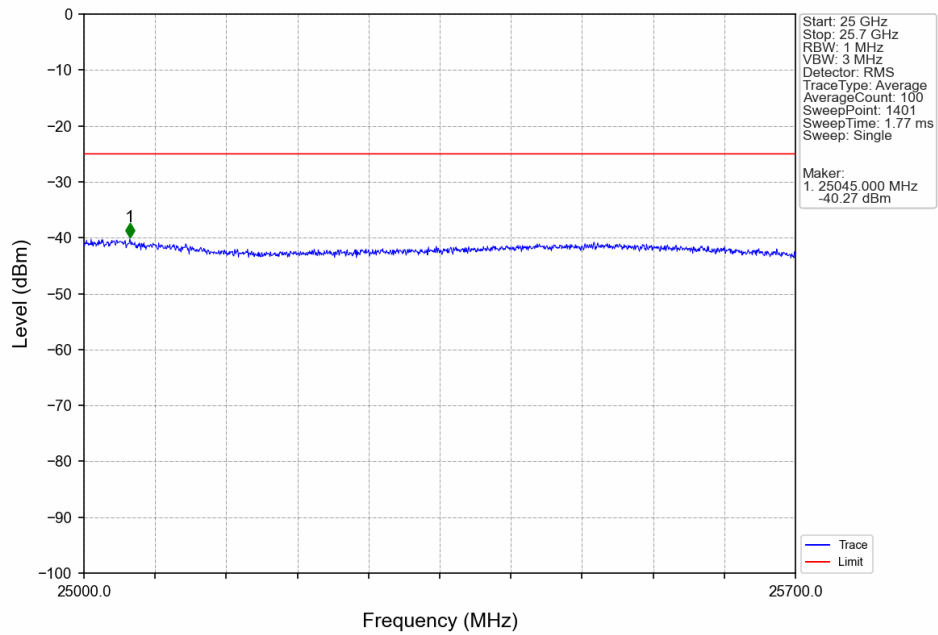
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



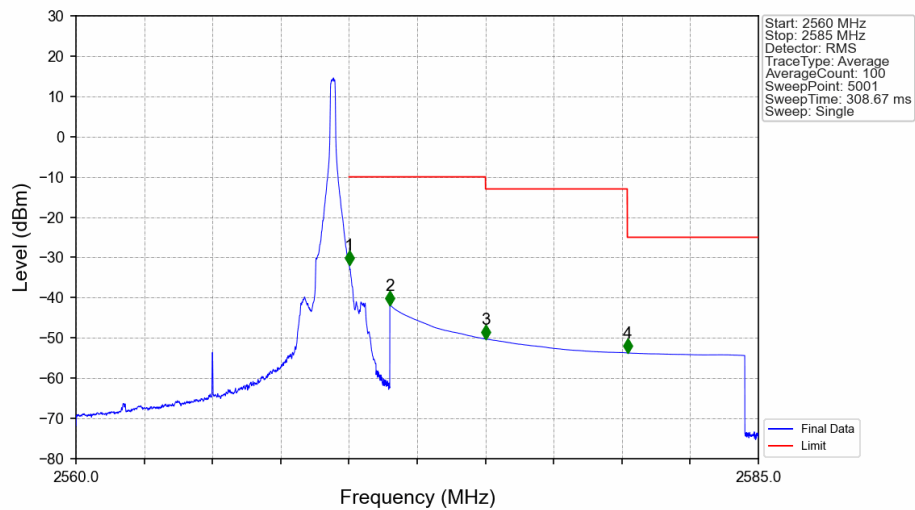
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

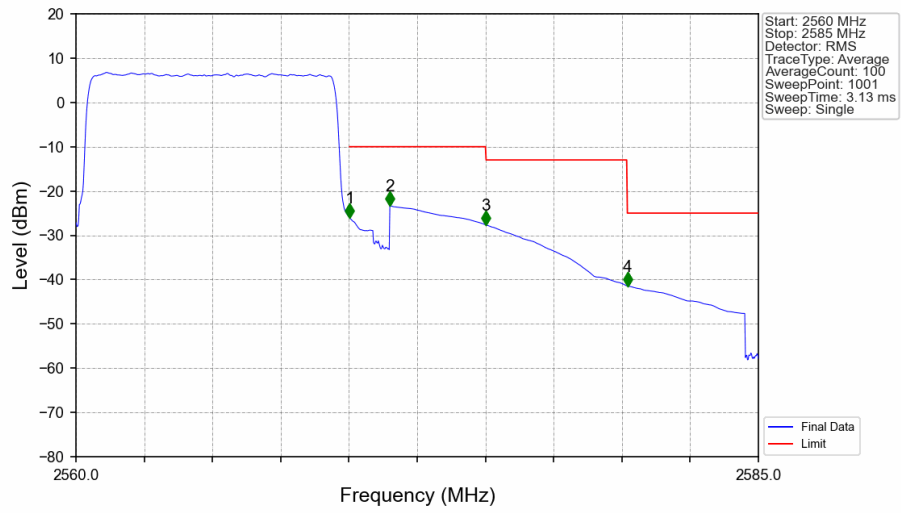


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



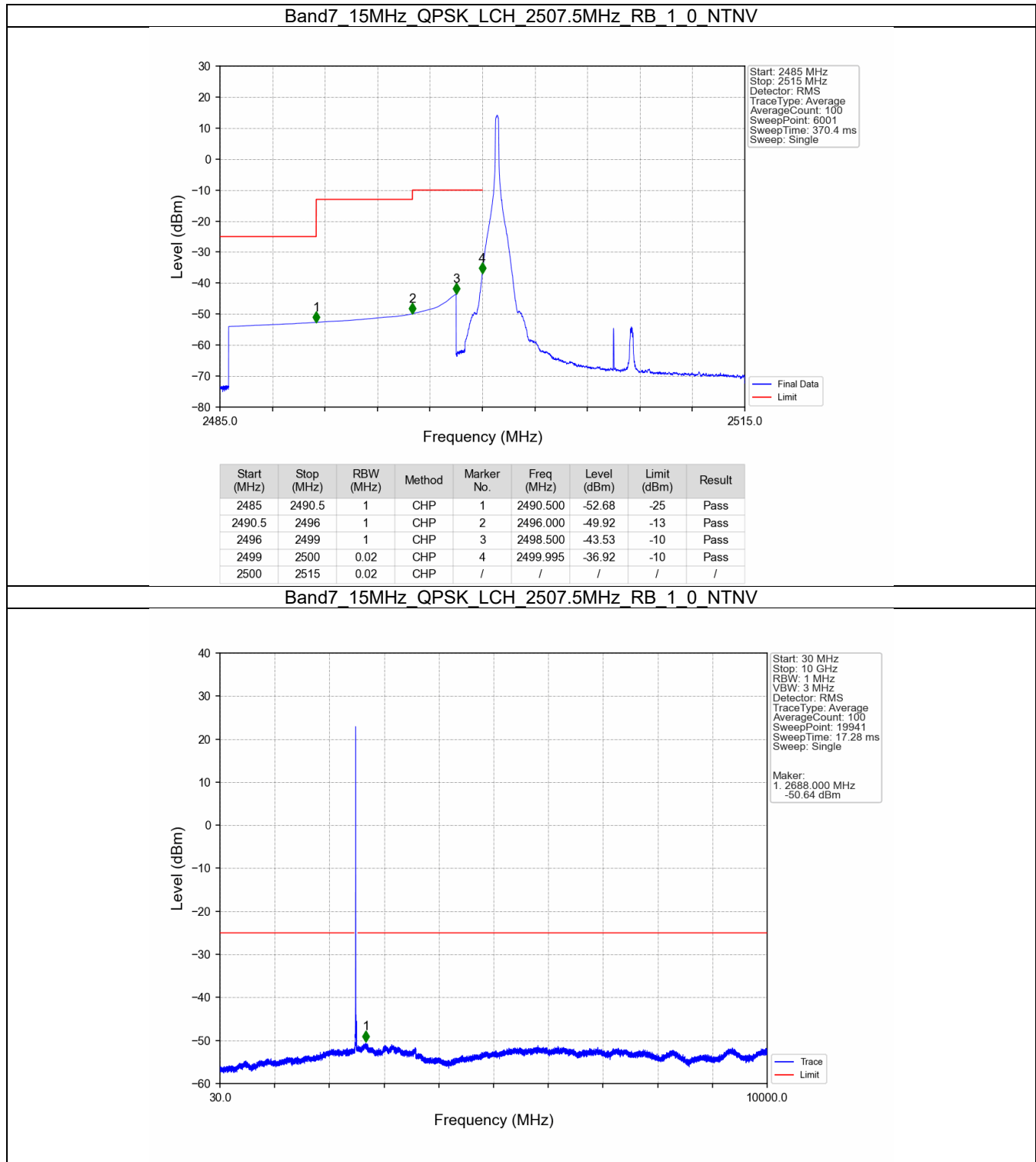
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-31.89	-10	Pass
2571	2575	1	CHP	2	2571.500	-41.81	-10	Pass
2575	2580.195	1	CHP	3	2575.005	-50.28	-13	Pass
2580.195	2585	1	CHP	4	2580.200	-53.74	-25	Pass

Band7 10MHz QPSK HCH 2565MHz RB 50_0 NTNv

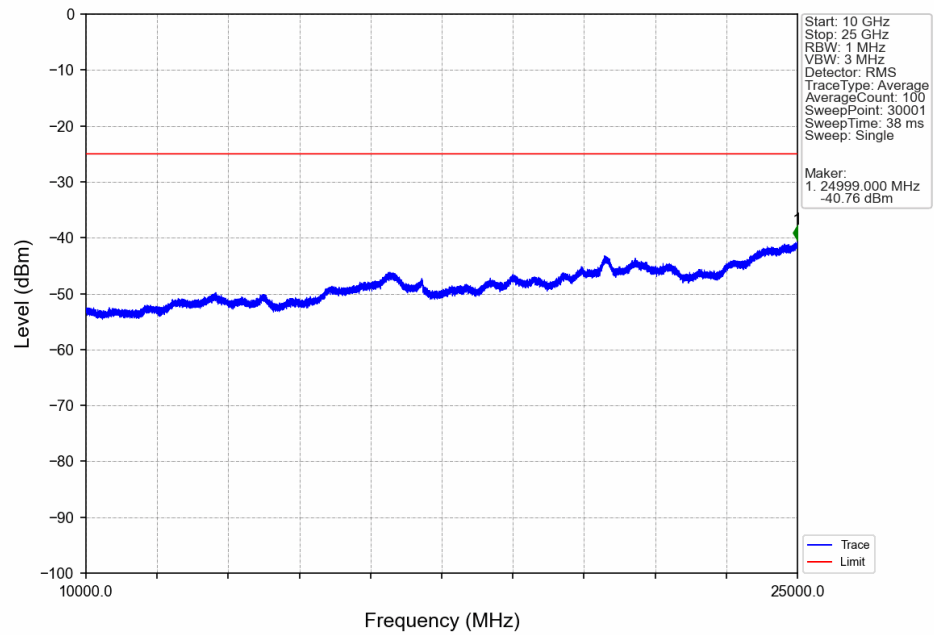


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.204	CHP	/	/	/	/	/
2570	2571	0.204	CHP	1	2570.025	-26.06	-10	Pass
2571	2575	1	CHP	2	2571.500	-23.30	-10	Pass
2575	2580.195	1	CHP	3	2575.025	-27.69	-13	Pass
2580.195	2585	1	CHP	4	2580.200	-41.44	-25	Pass

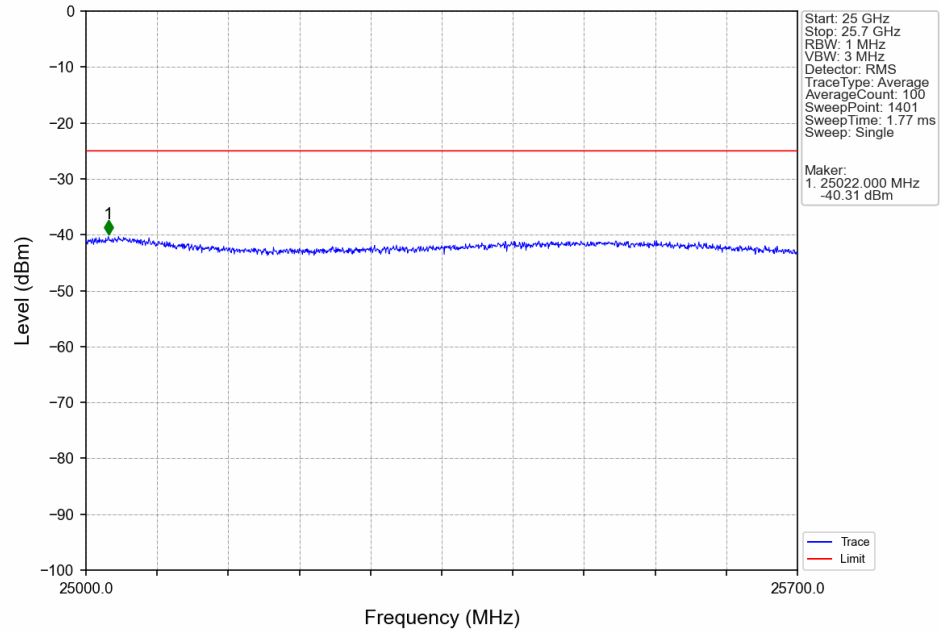
5.2.3 B7_15MHz



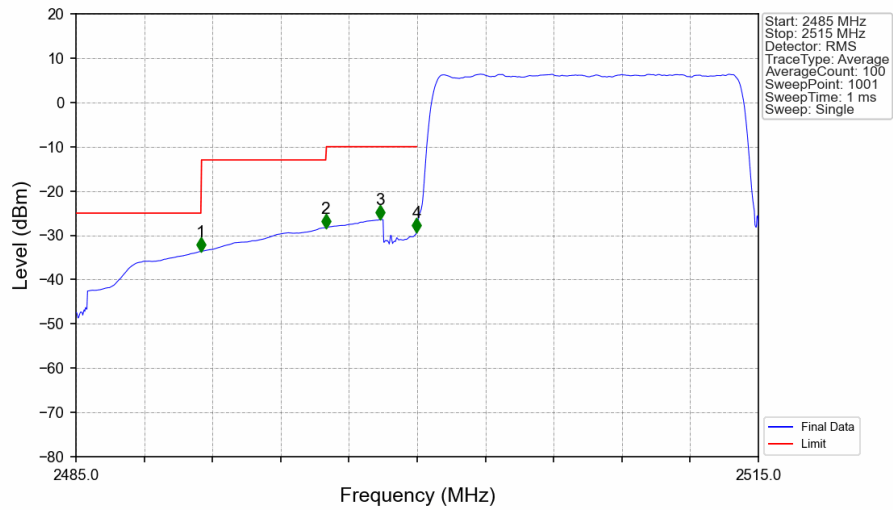
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV

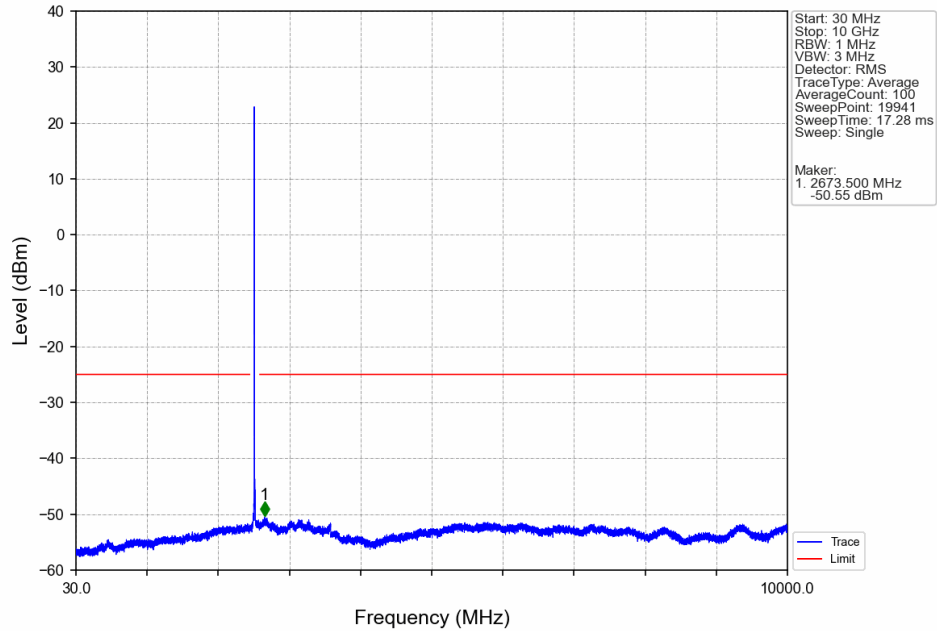


Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV

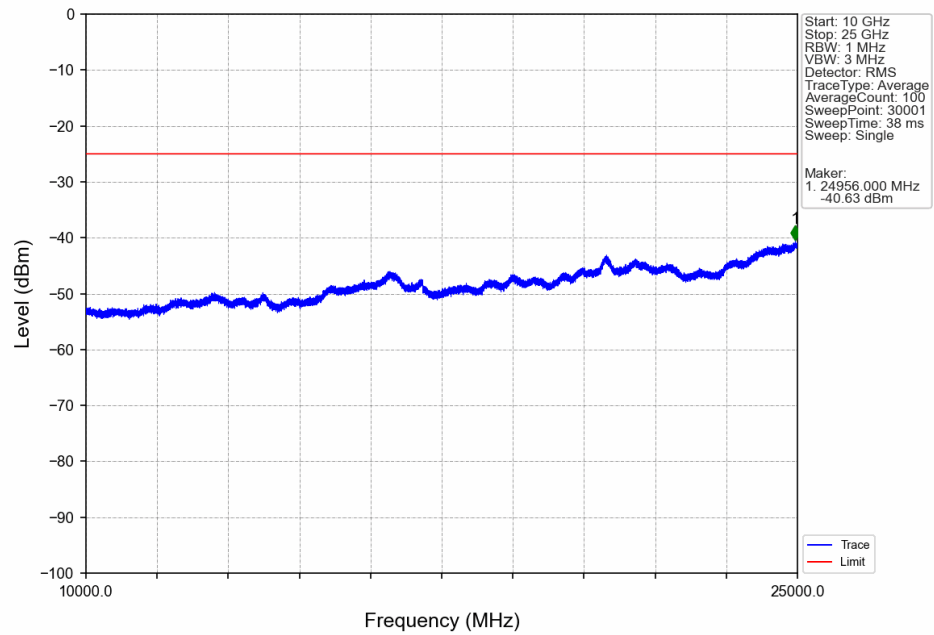


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-33.65	-25	Pass
2490.5	2496	1	CHP	2	2495.980	-28.32	-13	Pass
2496	2499	1	CHP	3	2498.380	-26.43	-10	Pass
2499	2500	0.323	CHP	4	2499.970	-29.31	-10	Pass
2500	2515	0.323	CHP	/	/	/	/	/

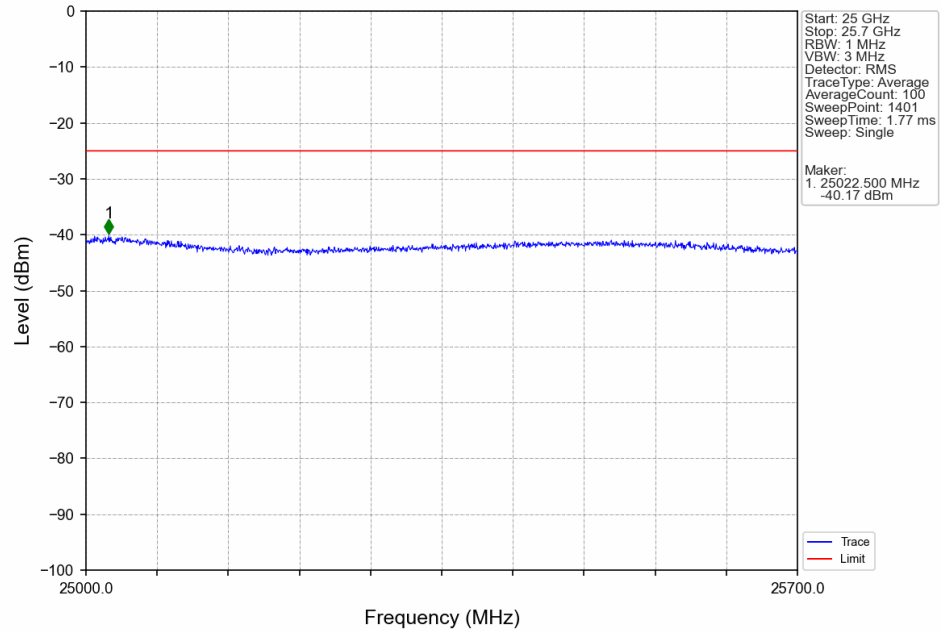
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



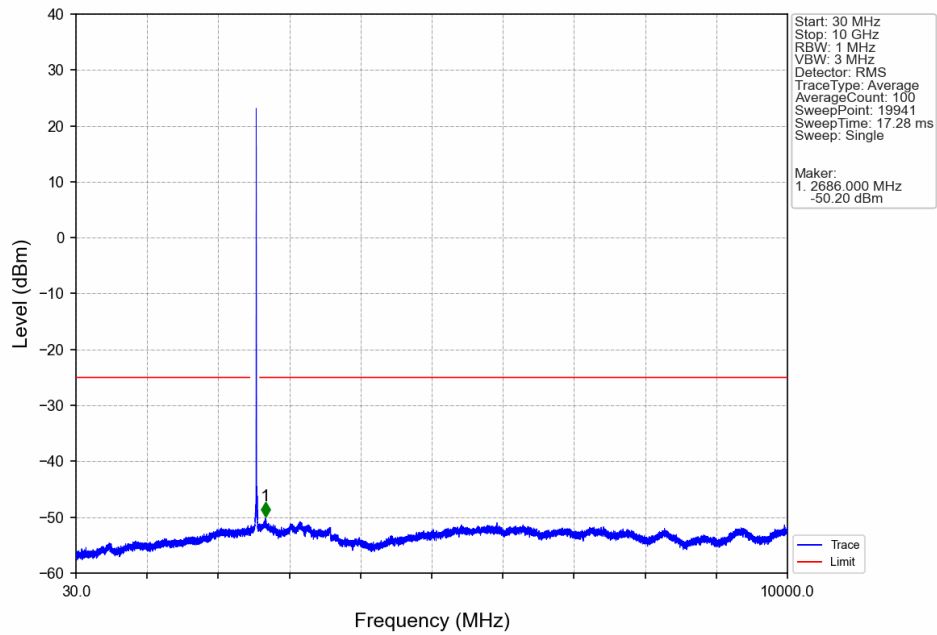
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



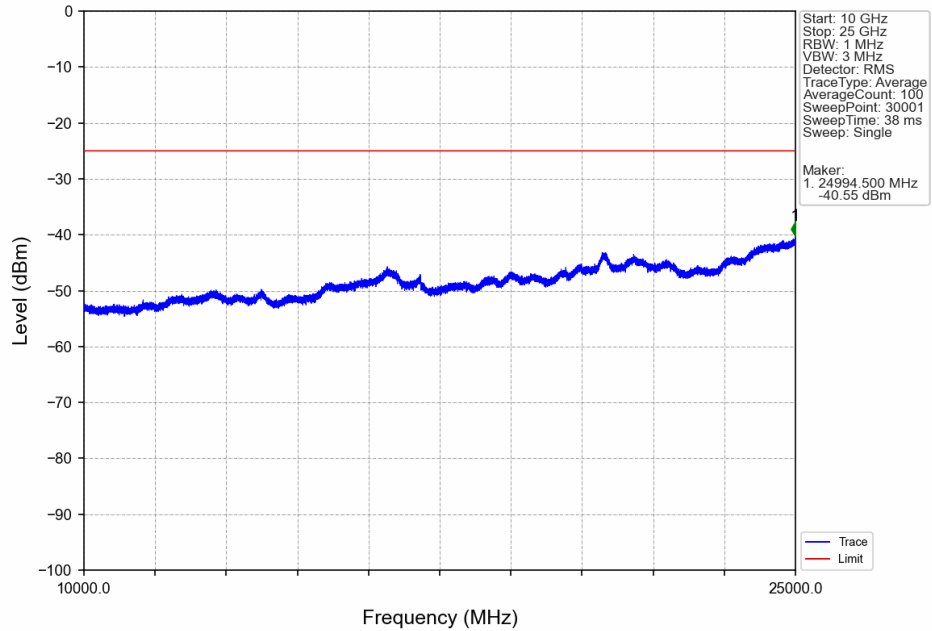
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



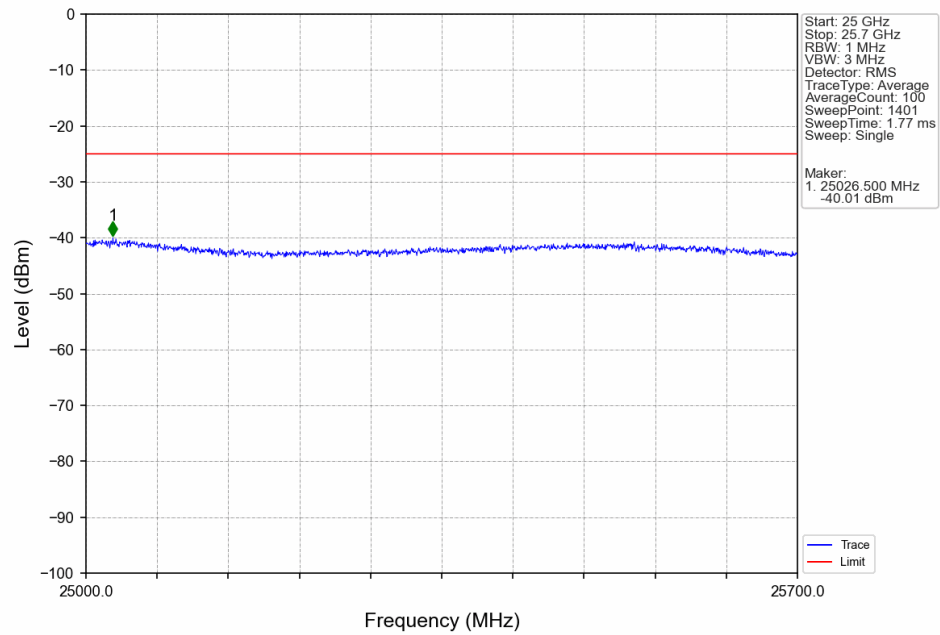
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



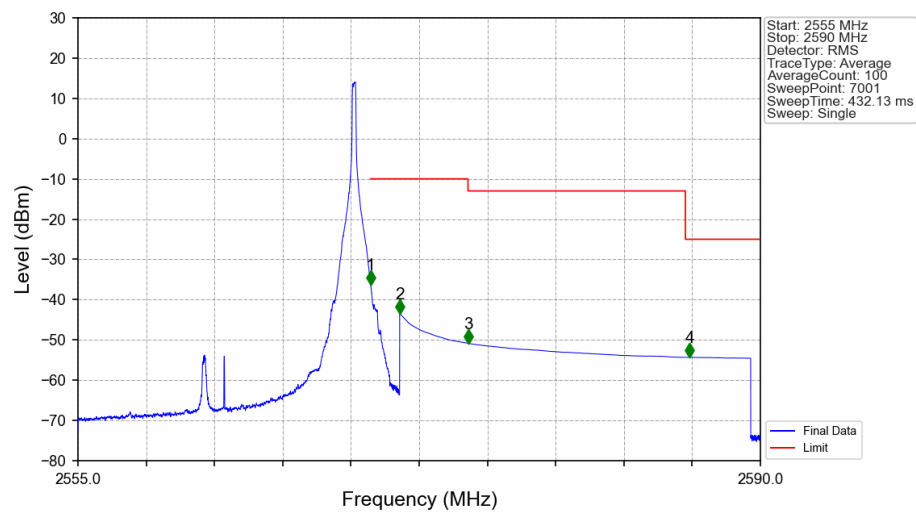
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



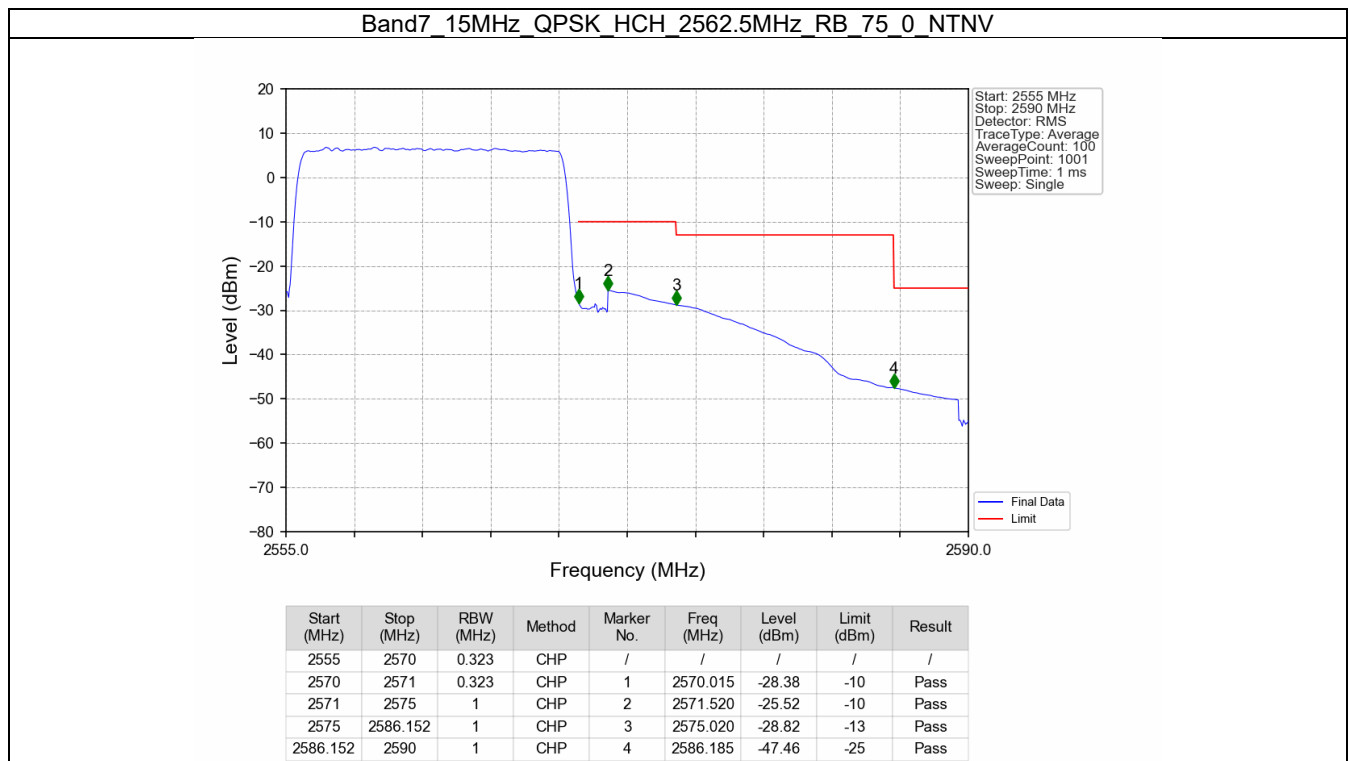
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



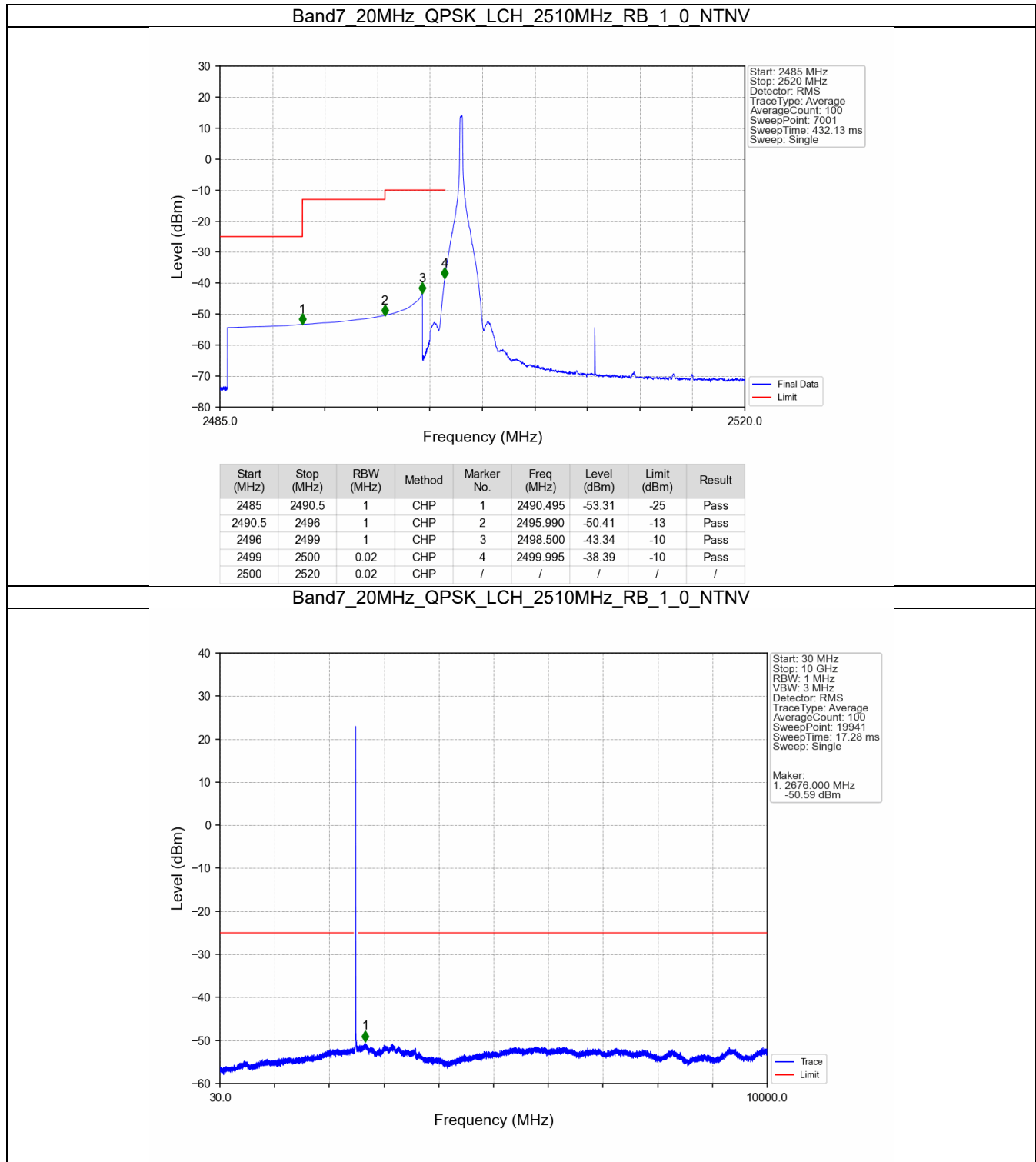
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV



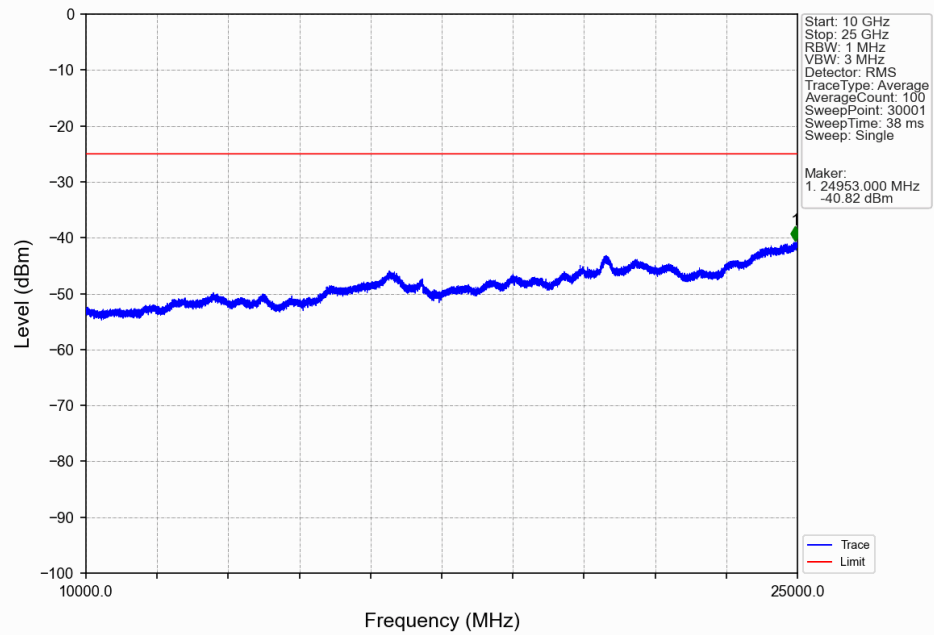
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-36.30	-10	Pass
2571	2575	1	CHP	2	2571.500	-43.44	-10	Pass
2575	2586.152	1	CHP	3	2575.005	-50.84	-13	Pass
2586.152	2590	1	CHP	4	2586.375	-54.32	-25	Pass



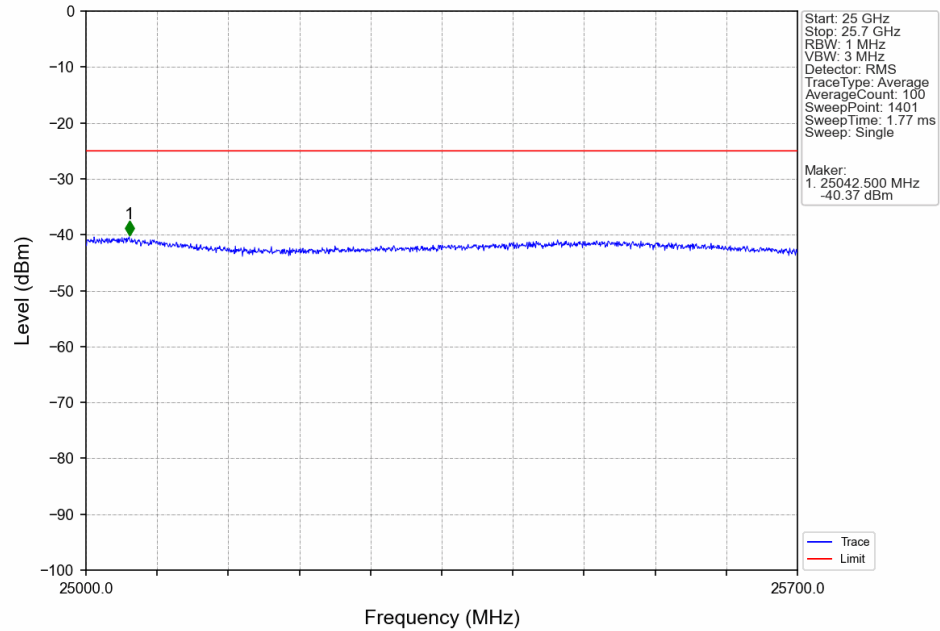
5.2.4 B7_20MHz



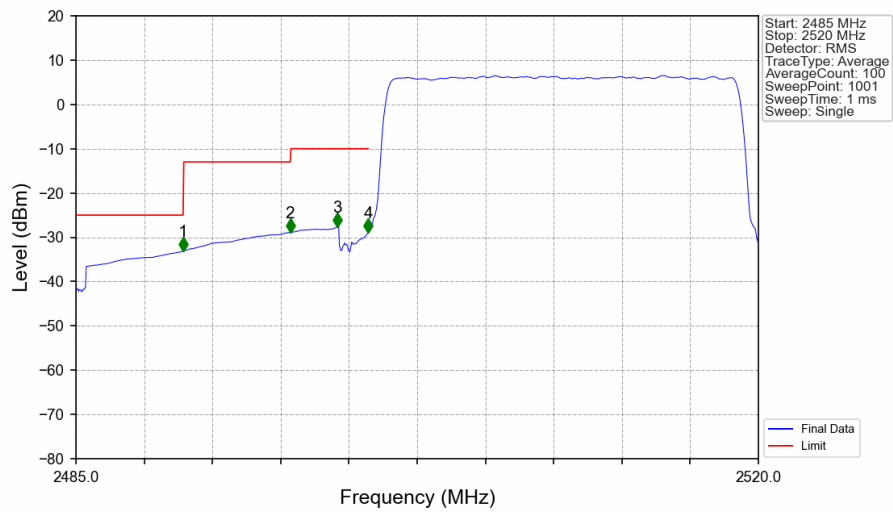
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



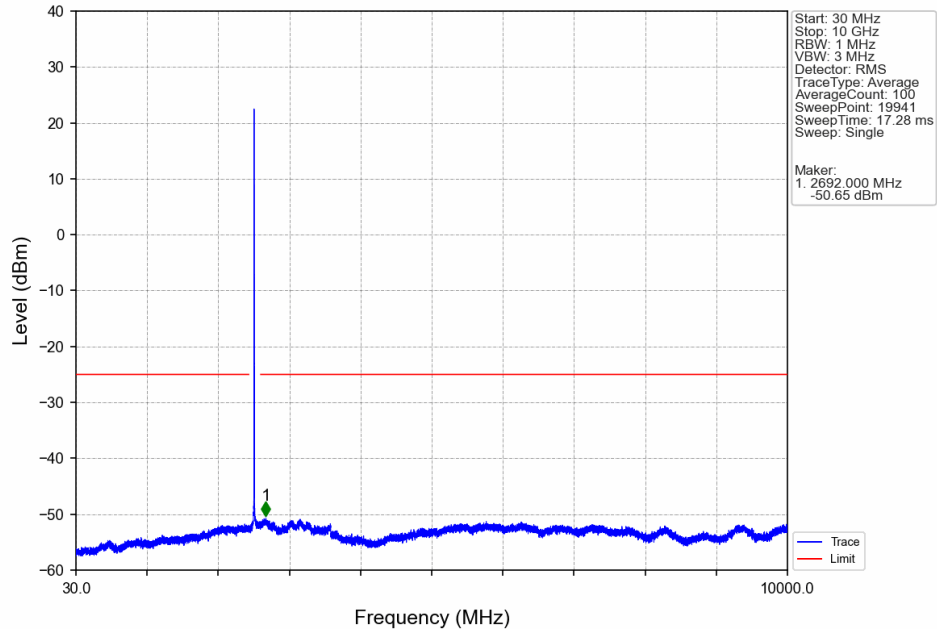
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



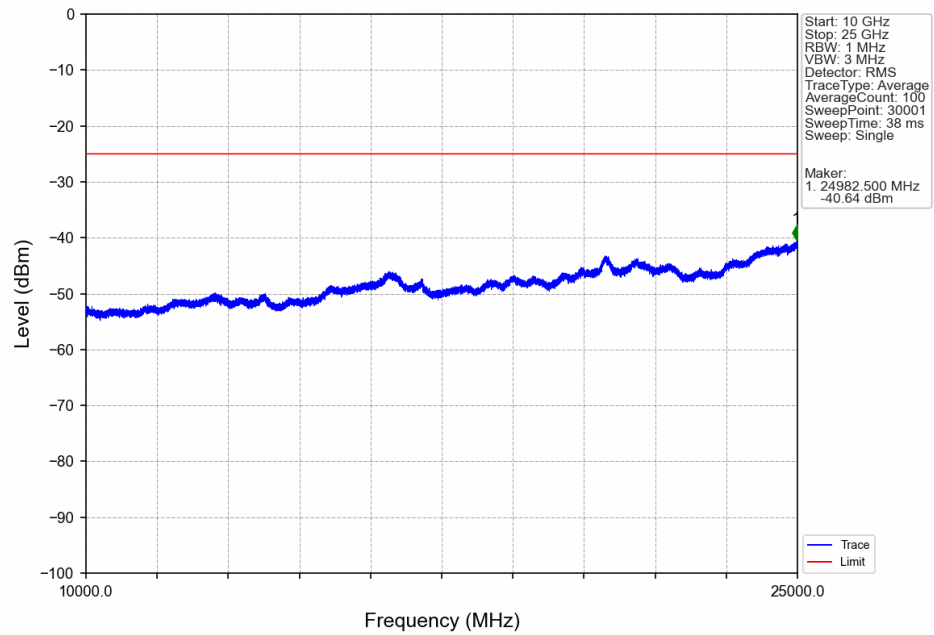
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



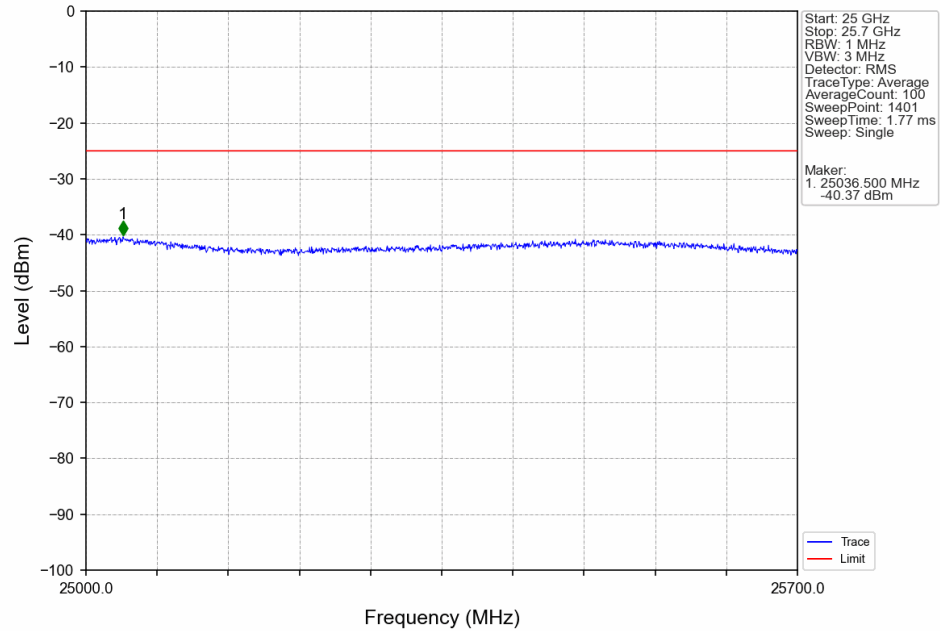
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



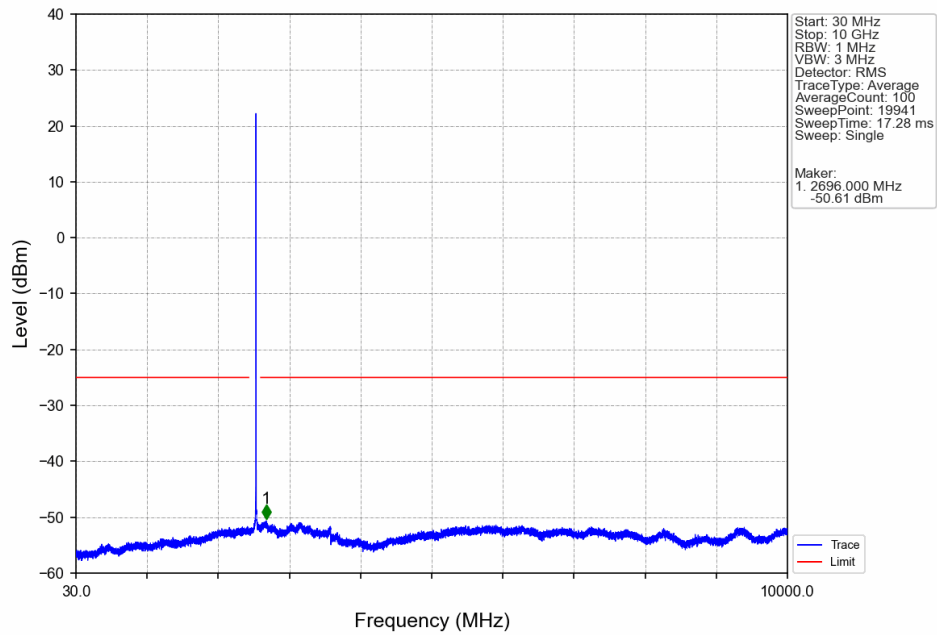
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



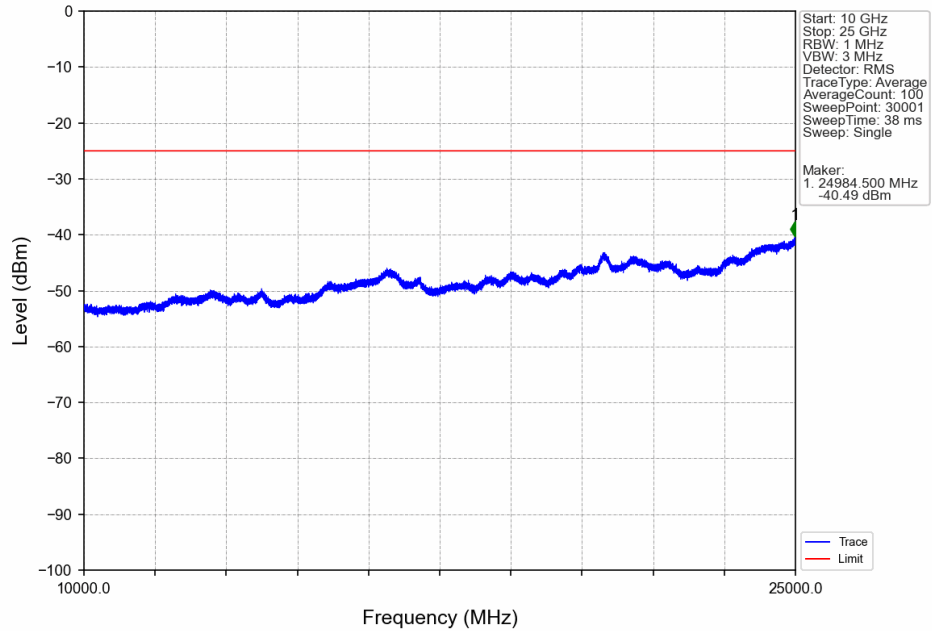
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



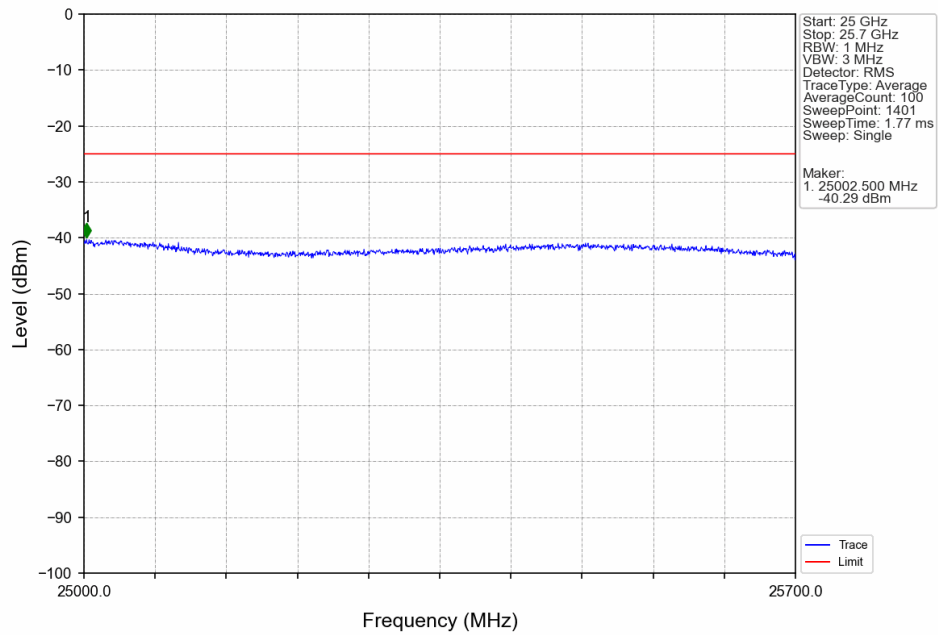
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



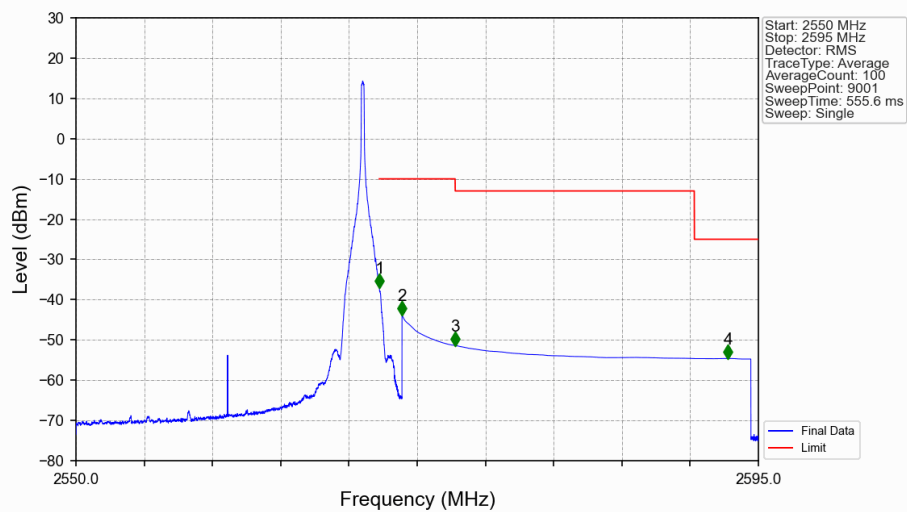
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



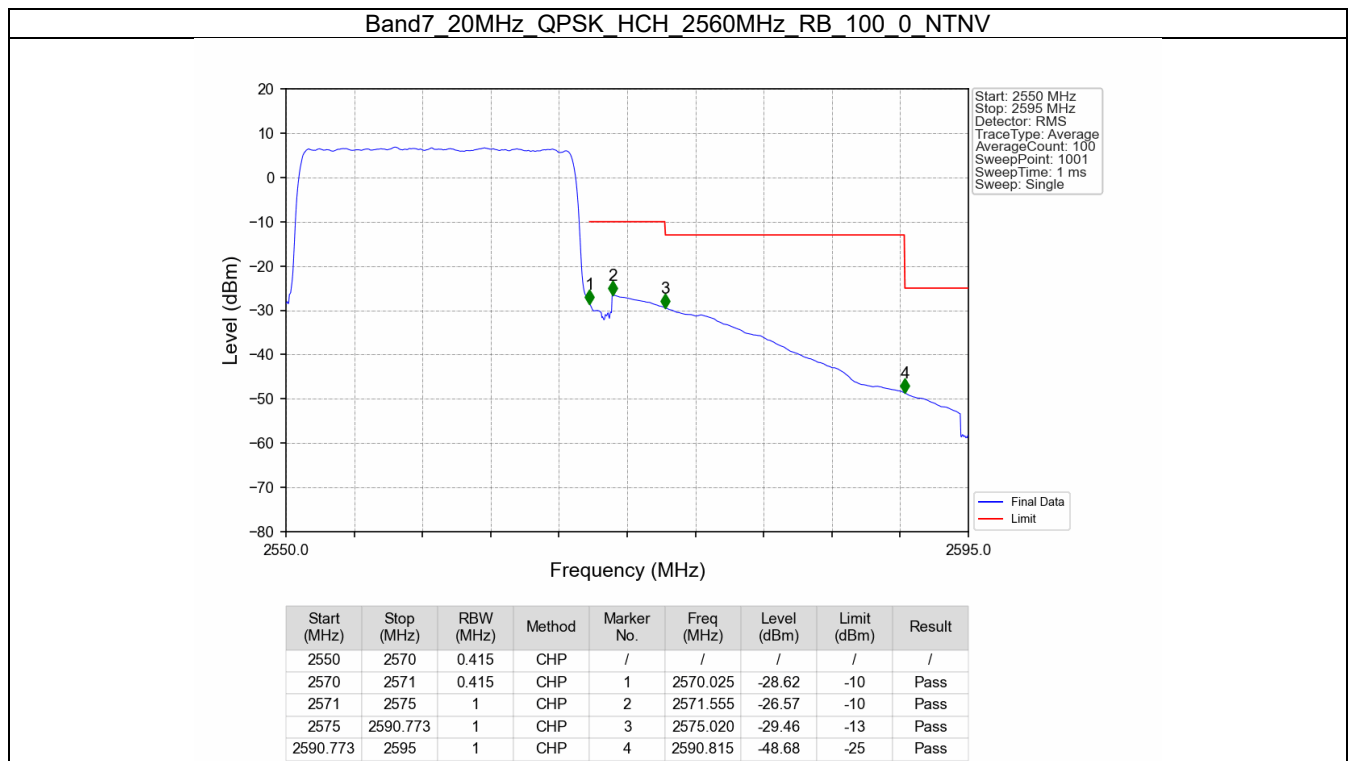
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



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	-37.08	-10	Pass
2571	2575	1	CHP	2	2571.500	-43.80	-10	Pass
2575	2590.773	1	CHP	3	2575.005	-51.40	-13	Pass
2590.773	2595	1	CHP	4	2593.005	-54.61	-25	Pass



---End of Attachment---