

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	24.23	1.20	25.43	<=33.01	Pass
			13	24.12	1.20	25.32	<=33.01	Pass
			24	24.02	1.20	25.22	<=33.01	Pass
		12	0	23.10	1.20	24.30	<=33.01	Pass
			6	23.11	1.20	24.31	<=33.01	Pass
			13	23.12	1.20	24.32	<=33.01	Pass
		25	0	23.05	1.20	24.25	<=33.01	Pass
	2535	1	0	24.28	1.20	25.48	<=33.01	Pass
			13	24.30	1.20	25.50	<=33.01	Pass
			24	24.23	1.20	25.43	<=33.01	Pass
		12	0	23.22	1.20	24.42	<=33.01	Pass
			6	23.18	1.20	24.38	<=33.01	Pass
			13	23.21	1.20	24.41	<=33.01	Pass
		25	0	23.30	1.20	24.50	<=33.01	Pass
	2567.5	1	0	24.24	1.20	25.44	<=33.01	Pass
			13	24.25	1.20	25.45	<=33.01	Pass
			24	24.19	1.20	25.39	<=33.01	Pass
		12	0	23.26	1.20	24.46	<=33.01	Pass
			6	23.35	1.20	24.55	<=33.01	Pass
			13	23.23	1.20	24.43	<=33.01	Pass
		25	0	23.28	1.20	24.48	<=33.01	Pass
16QAM	2502.5	1	0	23.23	1.20	24.43	<=33.01	Pass
			13	23.83	1.20	25.03	<=33.01	Pass
			24	23.25	1.20	24.45	<=33.01	Pass
		12	0	22.06	1.20	23.26	<=33.01	Pass
			6	22.20	1.20	23.40	<=33.01	Pass
			13	22.15	1.20	23.35	<=33.01	Pass
		25	0	22.04	1.20	23.24	<=33.01	Pass
	2535	1	0	23.41	1.20	24.61	<=33.01	Pass
			13	23.48	1.20	24.68	<=33.01	Pass
			24	23.72	1.20	24.92	<=33.01	Pass
		12	0	22.16	1.20	23.36	<=33.01	Pass
			6	22.24	1.20	23.44	<=33.01	Pass
			13	22.36	1.20	23.56	<=33.01	Pass
		25	0	22.27	1.20	23.47	<=33.01	Pass
	2567.5	1	0	23.81	1.20	25.01	<=33.01	Pass
			13	23.51	1.20	24.71	<=33.01	Pass
			24	23.49	1.20	24.69	<=33.01	Pass
		12	0	22.30	1.20	23.50	<=33.01	Pass
			6	22.24	1.20	23.44	<=33.01	Pass
			13	22.27	1.20	23.47	<=33.01	Pass
		25	0	22.31	1.20	23.51	<=33.01	Pass
64QAM	2502.5	1	0	23.01	1.20	24.21	<=33.01	Pass
			13	23.29	1.20	24.49	<=33.01	Pass
			24	23.08	1.20	24.28	<=33.01	Pass
		12	0	22.06	1.20	23.26	<=33.01	Pass
			6	22.19	1.20	23.39	<=33.01	Pass
			13	22.17	1.20	23.37	<=33.01	Pass

		25	0	22.13	1.20	23.33	<=33.01	Pass	
	2535	1	0	23.39	1.20	24.59	<=33.01	Pass	
			13	23.48	1.20	24.68	<=33.01	Pass	
			24	23.30	1.20	24.50	<=33.01	Pass	
			0	22.27	1.20	23.47	<=33.01	Pass	
		12	6	22.26	1.20	23.46	<=33.01	Pass	
			13	22.32	1.20	23.52	<=33.01	Pass	
			25	0	22.19	1.20	23.39	<=33.01	Pass
	2567.5	1	0	23.15	1.20	24.35	<=33.01	Pass	
			13	23.36	1.20	24.56	<=33.01	Pass	
			24	23.43	1.20	24.63	<=33.01	Pass	
			0	22.25	1.20	23.45	<=33.01	Pass	
		12	6	22.31	1.20	23.51	<=33.01	Pass	
			13	22.25	1.20	23.45	<=33.01	Pass	
			25	0	22.27	1.20	23.47	<=33.01	Pass
	256QAM	2502.5	1	0	18.98	1.20	20.18	<=33.01	Pass
13				19.13	1.20	20.33	<=33.01	Pass	
24				18.80	1.20	20.00	<=33.01	Pass	
12			0	18.82	1.20	20.02	<=33.01	Pass	
			6	19.22	1.20	20.42	<=33.01	Pass	
			13	19.18	1.20	20.38	<=33.01	Pass	
			25	0	19.27	1.20	20.47	<=33.01	Pass
2535			1	0	19.44	1.20	20.64	<=33.01	Pass
		13		19.12	1.20	20.32	<=33.01	Pass	
		24		19.11	1.20	20.31	<=33.01	Pass	
		0		19.27	1.20	20.47	<=33.01	Pass	
		12	6	19.30	1.20	20.50	<=33.01	Pass	
			13	19.24	1.20	20.44	<=33.01	Pass	
			25	0	19.29	1.20	20.49	<=33.01	Pass
2567.5		1	0	19.24	1.20	20.44	<=33.01	Pass	
			13	19.07	1.20	20.27	<=33.01	Pass	
			24	19.27	1.20	20.47	<=33.01	Pass	
			0	19.23	1.20	20.43	<=33.01	Pass	
		12	6	19.20	1.20	20.40	<=33.01	Pass	
			13	19.30	1.20	20.50	<=33.01	Pass	
			25	0	19.26	1.20	20.46	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain									

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	24.05	1.20	25.25	<=33.01	Pass
			25	24.40	1.20	25.60	<=33.01	Pass
			49	24.09	1.20	25.29	<=33.01	Pass
		25	0	23.08	1.20	24.28	<=33.01	Pass
			13	23.24	1.20	24.44	<=33.01	Pass
			25	23.33	1.20	24.53	<=33.01	Pass
		50	0	23.20	1.20	24.40	<=33.01	Pass
	2535	1	0	24.11	1.20	25.31	<=33.01	Pass
			25	23.90	1.20	25.10	<=33.01	Pass
			49	24.40	1.20	25.60	<=33.01	Pass
		25	0	23.31	1.20	24.51	<=33.01	Pass
			13	23.36	1.20	24.56	<=33.01	Pass
			25	23.31	1.20	24.51	<=33.01	Pass

	2565	50	0	23.28	1.20	24.48	<=33.01	Pass
		1	0	24.29	1.20	25.49	<=33.01	Pass
			25	24.19	1.20	25.39	<=33.01	Pass
			49	24.51	1.20	25.71	<=33.01	Pass
		25	0	23.25	1.20	24.45	<=33.01	Pass
			13	23.45	1.20	24.65	<=33.01	Pass
			25	23.41	1.20	24.61	<=33.01	Pass
16QAM	2505	50	0	23.32	1.20	24.52	<=33.01	Pass
		1	0	23.46	1.20	24.66	<=33.01	Pass
			25	23.45	1.20	24.65	<=33.01	Pass
			49	23.71	1.20	24.91	<=33.01	Pass
		25	0	22.16	1.20	23.36	<=33.01	Pass
			13	22.30	1.20	23.50	<=33.01	Pass
			25	22.20	1.20	23.40	<=33.01	Pass
	2535	50	0	22.23	1.20	23.43	<=33.01	Pass
		1	0	23.55	1.20	24.75	<=33.01	Pass
			25	23.53	1.20	24.73	<=33.01	Pass
			49	23.72	1.20	24.92	<=33.01	Pass
		25	0	22.29	1.20	23.49	<=33.01	Pass
			13	22.39	1.20	23.59	<=33.01	Pass
			25	22.35	1.20	23.55	<=33.01	Pass
		50	0	22.34	1.20	23.54	<=33.01	Pass
	2565	1	0	23.66	1.20	24.86	<=33.01	Pass
			25	23.45	1.20	24.65	<=33.01	Pass
			49	23.43	1.20	24.63	<=33.01	Pass
		25	0	22.33	1.20	23.53	<=33.01	Pass
			13	22.43	1.20	23.63	<=33.01	Pass
			25	22.38	1.20	23.58	<=33.01	Pass
		50	0	22.46	1.20	23.66	<=33.01	Pass
64QAM	2505	1	0	23.26	1.20	24.46	<=33.01	Pass
			25	23.20	1.20	24.40	<=33.01	Pass
			49	23.27	1.20	24.47	<=33.01	Pass
		25	0	22.11	1.20	23.31	<=33.01	Pass
			13	22.31	1.20	23.51	<=33.01	Pass
			25	22.28	1.20	23.48	<=33.01	Pass
		50	0	22.23	1.20	23.43	<=33.01	Pass
	2535	1	0	23.52	1.20	24.72	<=33.01	Pass
			25	23.19	1.20	24.39	<=33.01	Pass
			49	23.23	1.20	24.43	<=33.01	Pass
		25	0	22.37	1.20	23.57	<=33.01	Pass
			13	22.55	1.20	23.75	<=33.01	Pass
			25	22.40	1.20	23.60	<=33.01	Pass
		50	0	22.44	1.20	23.64	<=33.01	Pass
	2565	1	0	23.63	1.20	24.83	<=33.01	Pass
			25	23.14	1.20	24.34	<=33.01	Pass
			49	23.41	1.20	24.61	<=33.01	Pass
		25	0	22.12	1.20	23.32	<=33.01	Pass
			13	22.42	1.20	23.62	<=33.01	Pass
			25	22.38	1.20	23.58	<=33.01	Pass
		50	0	22.39	1.20	23.59	<=33.01	Pass
256QAM	2505	1	0	19.22	1.20	20.42	<=33.01	Pass
			25	19.25	1.20	20.45	<=33.01	Pass
			49	18.95	1.20	20.15	<=33.01	Pass
		25	0	18.64	1.20	19.84	<=33.01	Pass
			13	19.28	1.20	20.48	<=33.01	Pass
			25	19.30	1.20	20.50	<=33.01	Pass
		50	0	19.18	1.20	20.38	<=33.01	Pass
	2535	1	0	19.47	1.20	20.67	<=33.01	Pass

	2565	25	25	19.61	1.20	20.81	<=33.01	Pass
			49	19.34	1.20	20.54	<=33.01	Pass
			0	19.42	1.20	20.62	<=33.01	Pass
			13	19.42	1.20	20.62	<=33.01	Pass
			25	19.35	1.20	20.55	<=33.01	Pass
		50	0	19.46	1.20	20.66	<=33.01	Pass
			0	19.28	1.20	20.48	<=33.01	Pass
		1	25	19.18	1.20	20.38	<=33.01	Pass
			49	19.37	1.20	20.57	<=33.01	Pass
			0	19.36	1.20	20.56	<=33.01	Pass
		25	13	19.38	1.20	20.58	<=33.01	Pass
			25	19.46	1.20	20.66	<=33.01	Pass
			0	19.47	1.20	20.67	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	24.13	1.20	25.33	<=33.01	Pass
			38	24.78	1.20	25.98	<=33.01	Pass
			74	24.19	1.20	25.39	<=33.01	Pass
		36	0	23.22	1.20	24.42	<=33.01	Pass
			18	23.30	1.20	24.50	<=33.01	Pass
			39	23.42	1.20	24.62	<=33.01	Pass
		75	0	23.29	1.20	24.49	<=33.01	Pass
	2535	1	0	24.37	1.20	25.57	<=33.01	Pass
			38	24.27	1.20	25.47	<=33.01	Pass
			74	24.24	1.20	25.44	<=33.01	Pass
		36	0	23.32	1.20	24.52	<=33.01	Pass
			18	23.32	1.20	24.52	<=33.01	Pass
			39	23.34	1.20	24.54	<=33.01	Pass
		75	0	23.37	1.20	24.57	<=33.01	Pass
	2562.5	1	0	24.25	1.20	25.45	<=33.01	Pass
			38	24.73	1.20	25.93	<=33.01	Pass
			74	24.10	1.20	25.30	<=33.01	Pass
		36	0	23.14	1.20	24.34	<=33.01	Pass
			18	23.18	1.20	24.38	<=33.01	Pass
			39	23.23	1.20	24.43	<=33.01	Pass
		75	0	23.20	1.20	24.40	<=33.01	Pass
16QAM	2507.5	1	0	23.24	1.20	24.44	<=33.01	Pass
			38	23.48	1.20	24.68	<=33.01	Pass
			74	23.54	1.20	24.74	<=33.01	Pass
		36	0	22.28	1.20	23.48	<=33.01	Pass
			18	22.38	1.20	23.58	<=33.01	Pass
			39	22.31	1.20	23.51	<=33.01	Pass
		75	0	22.26	1.20	23.46	<=33.01	Pass
	2535	1	0	23.63	1.20	24.83	<=33.01	Pass
			38	23.42	1.20	24.62	<=33.01	Pass
			74	23.45	1.20	24.65	<=33.01	Pass
		36	0	22.31	1.20	23.51	<=33.01	Pass
			18	22.35	1.20	23.55	<=33.01	Pass
			39	22.39	1.20	23.59	<=33.01	Pass
		75	0	22.41	1.20	23.61	<=33.01	Pass
	2562.5	1	0	23.33	1.20	24.53	<=33.01	Pass

			38	23.29	1.20	24.49	<=33.01	Pass		
			74	23.34	1.20	24.54	<=33.01	Pass		
			0	22.24	1.20	23.44	<=33.01	Pass		
		36	18	22.27	1.20	23.47	<=33.01	Pass		
			39	22.25	1.20	23.45	<=33.01	Pass		
			75	0	22.21	1.20	23.41	<=33.01	Pass	
64QAM	2507.5	1	0	23.28	1.20	24.48	<=33.01	Pass		
			38	23.47	1.20	24.67	<=33.01	Pass		
			74	23.35	1.20	24.55	<=33.01	Pass		
		36	0	22.20	1.20	23.40	<=33.01	Pass		
			18	22.28	1.20	23.48	<=33.01	Pass		
			39	22.34	1.20	23.54	<=33.01	Pass		
		75	0	22.26	1.20	23.46	<=33.01	Pass		
		2535	1	0	23.57	1.20	24.77	<=33.01	Pass	
				38	23.39	1.20	24.59	<=33.01	Pass	
	74			23.52	1.20	24.72	<=33.01	Pass		
	36		0	22.39	1.20	23.59	<=33.01	Pass		
			18	22.41	1.20	23.61	<=33.01	Pass		
			39	22.38	1.20	23.58	<=33.01	Pass		
	75	0	22.41	1.20	23.61	<=33.01	Pass			
	2562.5	1	0	23.49	1.20	24.69	<=33.01	Pass		
			38	23.22	1.20	24.42	<=33.01	Pass		
			74	23.20	1.20	24.40	<=33.01	Pass		
		36	0	22.15	1.20	23.35	<=33.01	Pass		
			18	22.18	1.20	23.38	<=33.01	Pass		
			39	22.26	1.20	23.46	<=33.01	Pass		
		75	0	22.13	1.20	23.33	<=33.01	Pass		
		256QAM	2507.5	1	0	19.11	1.20	20.31	<=33.01	Pass
					38	19.44	1.20	20.64	<=33.01	Pass
	74				19.35	1.20	20.55	<=33.01	Pass	
	36			0	19.15	1.20	20.35	<=33.01	Pass	
				18	19.30	1.20	20.50	<=33.01	Pass	
				39	19.28	1.20	20.48	<=33.01	Pass	
	75			0	19.25	1.20	20.45	<=33.01	Pass	
	2535			1	0	19.42	1.20	20.62	<=33.01	Pass
					38	19.55	1.20	20.75	<=33.01	Pass
74			19.16		1.20	20.36	<=33.01	Pass		
36			0	19.42	1.20	20.62	<=33.01	Pass		
			18	19.33	1.20	20.53	<=33.01	Pass		
			39	19.30	1.20	20.50	<=33.01	Pass		
75	0		19.39	1.20	20.59	<=33.01	Pass			
2562.5	1		0	19.26	1.20	20.46	<=33.01	Pass		
			38	19.47	1.20	20.67	<=33.01	Pass		
			74	18.94	1.20	20.14	<=33.01	Pass		
	36		0	19.21	1.20	20.41	<=33.01	Pass		
			18	19.20	1.20	20.40	<=33.01	Pass		
			39	19.19	1.20	20.39	<=33.01	Pass		
	75		0	19.30	1.20	20.50	<=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	24.14	1.20	25.34	<=33.01	Pass

			50	24.39	1.20	25.59	<=33.01	Pass
			99	24.45	1.20	25.65	<=33.01	Pass
		50	0	23.19	1.20	24.39	<=33.01	Pass
			25	23.41	1.20	24.61	<=33.01	Pass
			50	23.34	1.20	24.54	<=33.01	Pass
		100	0	23.33	1.20	24.53	<=33.01	Pass
	2535	1	0	24.43	1.20	25.63	<=33.01	Pass
			50	24.39	1.20	25.59	<=33.01	Pass
			99	24.24	1.20	25.44	<=33.01	Pass
		50	0	23.37	1.20	24.57	<=33.01	Pass
			25	23.39	1.20	24.59	<=33.01	Pass
			50	23.27	1.20	24.47	<=33.01	Pass
		100	0	23.31	1.20	24.51	<=33.01	Pass
	2560	1	0	24.14	1.20	25.34	<=33.01	Pass
			50	24.66	1.20	25.86	<=33.01	Pass
			99	24.31	1.20	25.51	<=33.01	Pass
		50	0	23.17	1.20	24.37	<=33.01	Pass
			25	23.13	1.20	24.33	<=33.01	Pass
			50	23.23	1.20	24.43	<=33.01	Pass
		100	0	23.14	1.20	24.34	<=33.01	Pass
16QAM	2510	1	0	23.43	1.20	24.63	<=33.01	Pass
			50	23.51	1.20	24.71	<=33.01	Pass
			99	23.66	1.20	24.86	<=33.01	Pass
		50	0	22.25	1.20	23.45	<=33.01	Pass
			25	22.39	1.20	23.59	<=33.01	Pass
			50	22.32	1.20	23.52	<=33.01	Pass
		100	0	22.35	1.20	23.55	<=33.01	Pass
	2535	1	0	23.67	1.20	24.87	<=33.01	Pass
			50	23.31	1.20	24.51	<=33.01	Pass
			99	23.48	1.20	24.68	<=33.01	Pass
		50	0	22.41	1.20	23.61	<=33.01	Pass
			25	22.40	1.20	23.60	<=33.01	Pass
			50	22.32	1.20	23.52	<=33.01	Pass
		100	0	22.38	1.20	23.58	<=33.01	Pass
	2560	1	0	23.51	1.20	24.71	<=33.01	Pass
			50	23.41	1.20	24.61	<=33.01	Pass
			99	23.23	1.20	24.43	<=33.01	Pass
		50	0	22.18	1.20	23.38	<=33.01	Pass
			25	22.30	1.20	23.50	<=33.01	Pass
			50	22.19	1.20	23.39	<=33.01	Pass
		100	0	22.15	1.20	23.35	<=33.01	Pass
64QAM	2510	1	0	23.20	1.20	24.40	<=33.01	Pass
			50	23.30	1.20	24.50	<=33.01	Pass
			99	23.46	1.20	24.66	<=33.01	Pass
		50	0	22.17	1.20	23.37	<=33.01	Pass
			25	22.39	1.20	23.59	<=33.01	Pass
			50	22.38	1.20	23.58	<=33.01	Pass
		100	0	22.25	1.20	23.45	<=33.01	Pass
	2535	1	0	23.85	1.20	25.05	<=33.01	Pass
			50	23.55	1.20	24.75	<=33.01	Pass
			99	23.44	1.20	24.64	<=33.01	Pass
		50	0	22.23	1.20	23.43	<=33.01	Pass
			25	22.34	1.20	23.54	<=33.01	Pass
			50	22.21	1.20	23.41	<=33.01	Pass
		100	0	22.42	1.20	23.62	<=33.01	Pass
	2560	1	0	23.28	1.20	24.48	<=33.01	Pass
			50	23.27	1.20	24.47	<=33.01	Pass
			99	23.39	1.20	24.59	<=33.01	Pass

		50	0	22.18	1.20	23.38	<=33.01	Pass	
			25	22.21	1.20	23.41	<=33.01	Pass	
			50	22.28	1.20	23.48	<=33.01	Pass	
		100	0	22.13	1.20	23.33	<=33.01	Pass	
256QAM	2510	1	0	19.20	1.20	20.40	<=33.01	Pass	
			50	19.35	1.20	20.55	<=33.01	Pass	
			99	19.16	1.20	20.36	<=33.01	Pass	
		50	0	19.33	1.20	20.53	<=33.01	Pass	
			25	19.42	1.20	20.62	<=33.01	Pass	
			50	19.25	1.20	20.45	<=33.01	Pass	
		100	0	19.34	1.20	20.54	<=33.01	Pass	
		2535	1	0	19.70	1.20	20.90	<=33.01	Pass
				50	19.29	1.20	20.49	<=33.01	Pass
	99			19.21	1.20	20.41	<=33.01	Pass	
	50		0	19.48	1.20	20.68	<=33.01	Pass	
			25	19.43	1.20	20.63	<=33.01	Pass	
			50	19.29	1.20	20.49	<=33.01	Pass	
	100		0	19.40	1.20	20.60	<=33.01	Pass	
	2560		1	0	19.33	1.20	20.53	<=33.01	Pass
				50	19.36	1.20	20.56	<=33.01	Pass
		99		18.93	1.20	20.13	<=33.01	Pass	
		50	0	19.34	1.20	20.54	<=33.01	Pass	
			25	19.26	1.20	20.46	<=33.01	Pass	
			50	19.24	1.20	20.44	<=33.01	Pass	
		100	0	19.21	1.20	20.41	<=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	3.23	0.000	0.0000	-2.5 to 2.5	Pass
					3.80	-1.000	-0.0004	-2.5 to 2.5	Pass
					4.37	-1.400	-0.0006	-2.5 to 2.5	Pass
				-30	3.80	-0.200	-0.0001	-2.5 to 2.5	Pass
				-20	3.80	-1.300	-0.0005	-2.5 to 2.5	Pass
				-10	3.80	0.100	0.0000	-2.5 to 2.5	Pass
				0	3.80	-0.400	-0.0002	-2.5 to 2.5	Pass
				10	3.80	-3.300	-0.0013	-2.5 to 2.5	Pass
				30	3.80	-0.100	0.0000	-2.5 to 2.5	Pass
				40	3.80	-1.200	-0.0005	-2.5 to 2.5	Pass
				50	3.80	-1.900	-0.0007	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

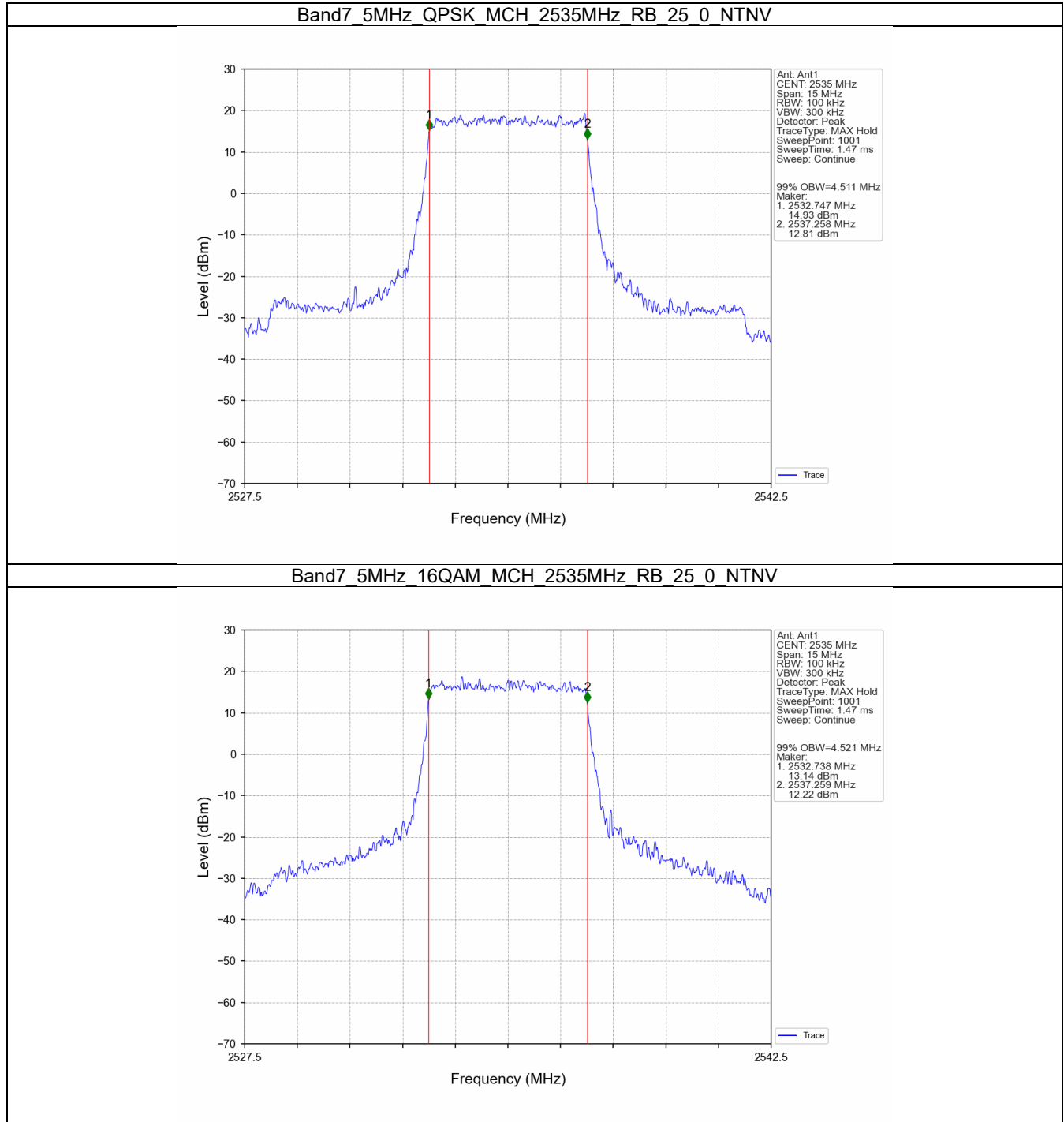
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.511	/	Pass
	16QAM	2535	25	0	4.521	/	Pass
	64QAM	2535	25	0	4.516	/	Pass
	256QAM	2535	25	0	4.512	/	Pass
10	QPSK	2535	50	0	8.971	/	Pass
	16QAM	2535	50	0	8.969	/	Pass
	64QAM	2535	50	0	8.966	/	Pass
	256QAM	2535	50	0	8.952	/	Pass
15	QPSK	2535	75	0	13.479	/	Pass
	16QAM	2535	75	0	13.448	/	Pass
	64QAM	2535	75	0	13.440	/	Pass
	256QAM	2535	75	0	13.463	/	Pass
20	QPSK	2535	100	0	17.901	/	Pass
	16QAM	2535	100	0	17.901	/	Pass
	64QAM	2535	100	0	17.903	/	Pass
	256QAM	2535	100	0	17.884	/	Pass

3.1.2 Band7_XDB

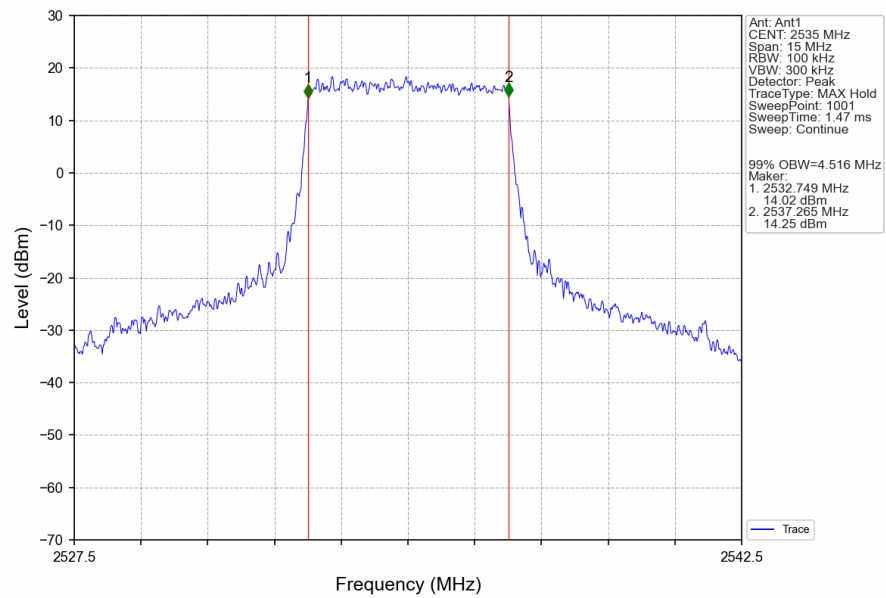
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	5.149	/	Pass
	16QAM	2535	25	0	5.115	/	Pass
	64QAM	2535	25	0	5.111	/	Pass
	256QAM	2535	25	0	5.180	/	Pass
10	QPSK	2535	50	0	9.789	/	Pass
	16QAM	2535	50	0	9.765	/	Pass
	64QAM	2535	50	0	9.819	/	Pass
	256QAM	2535	50	0	9.757	/	Pass
15	QPSK	2535	75	0	14.703	/	Pass
	16QAM	2535	75	0	14.818	/	Pass
	64QAM	2535	75	0	14.718	/	Pass
	256QAM	2535	75	0	14.743	/	Pass
20	QPSK	2535	100	0	19.469	/	Pass
	16QAM	2535	100	0	19.458	/	Pass
	64QAM	2535	100	0	19.455	/	Pass
	256QAM	2535	100	0	19.468	/	Pass

3.2 Test Graph

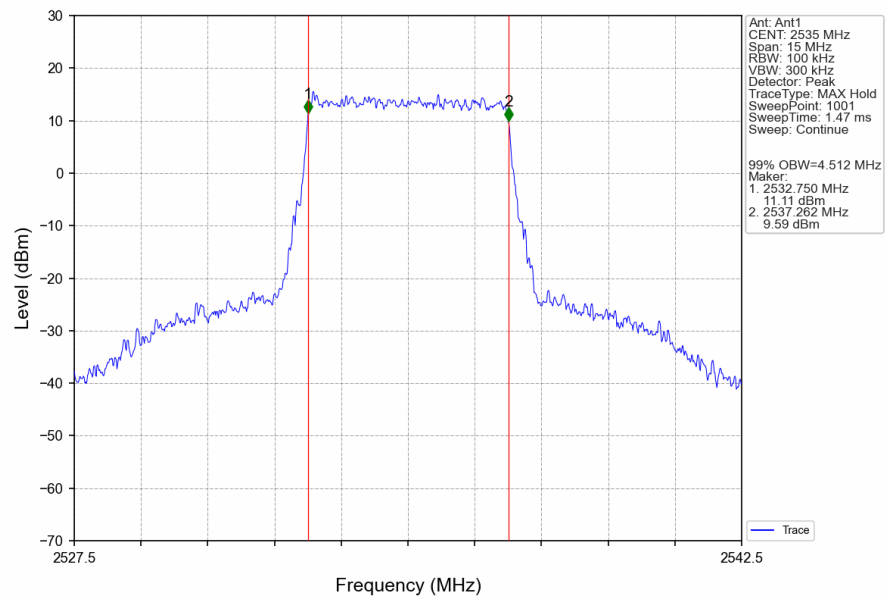
3.2.1 Band7_OBW



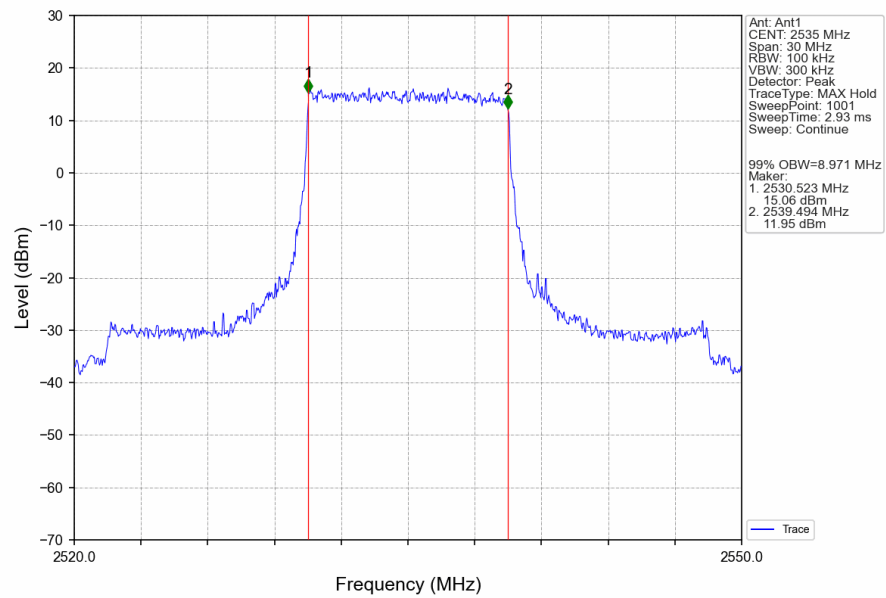
Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



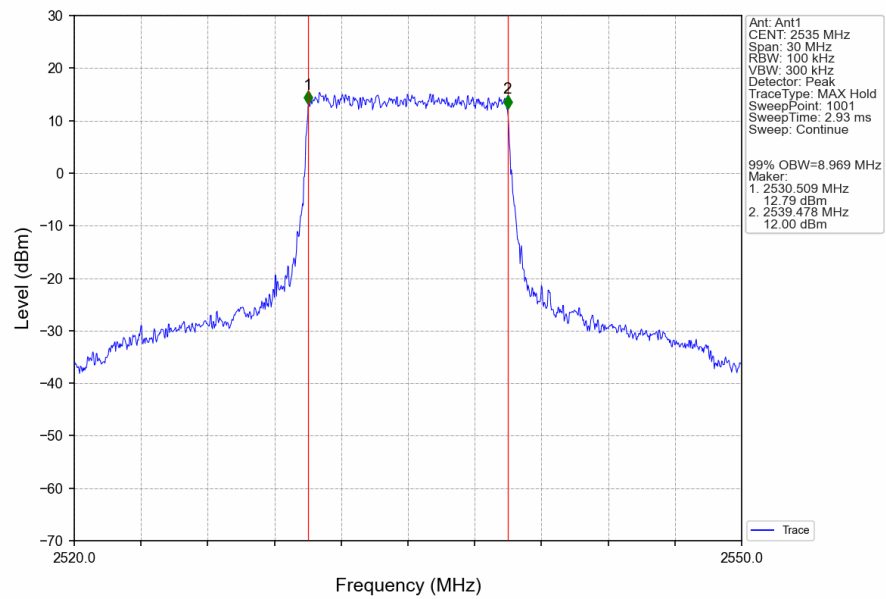
Band7_5MHz_256QAM_MCH_2535MHz_RB_25_0_NTNV



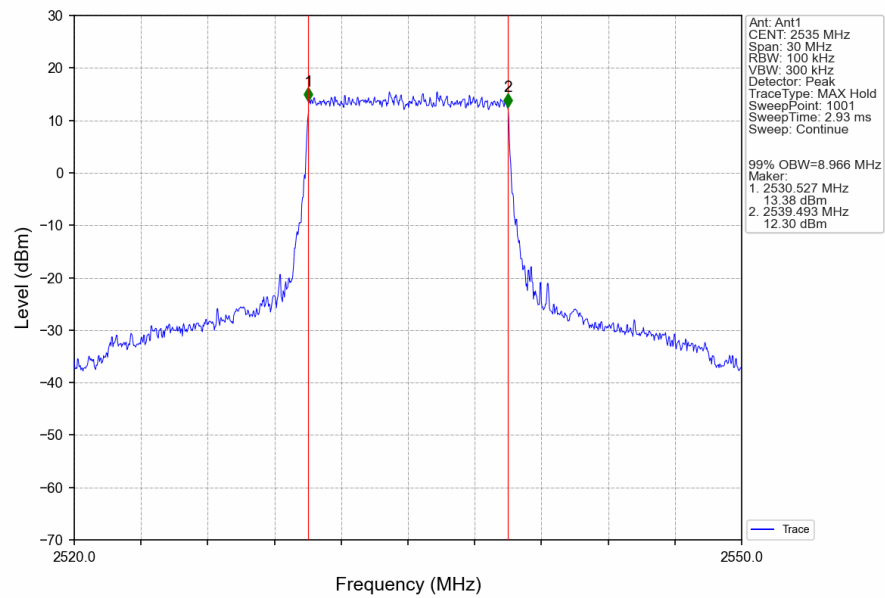
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



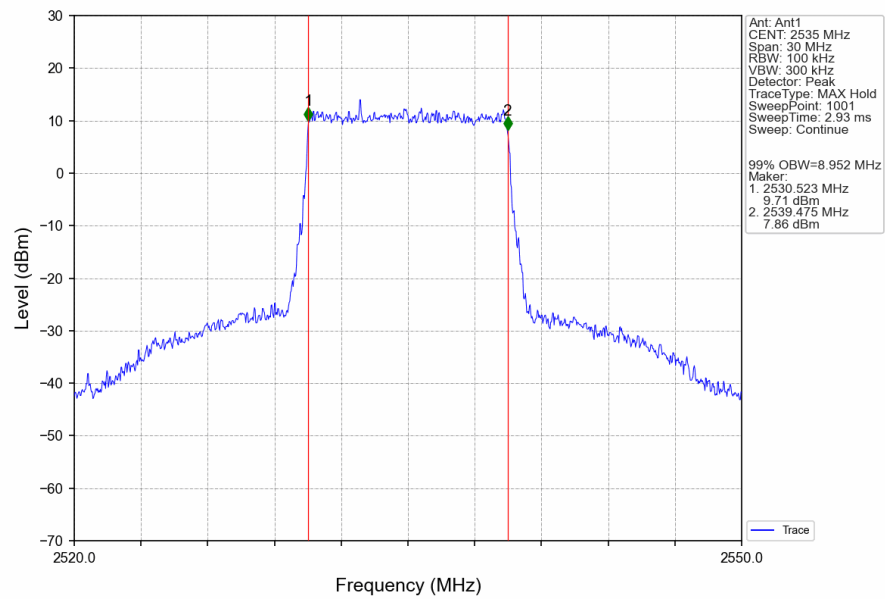
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTN



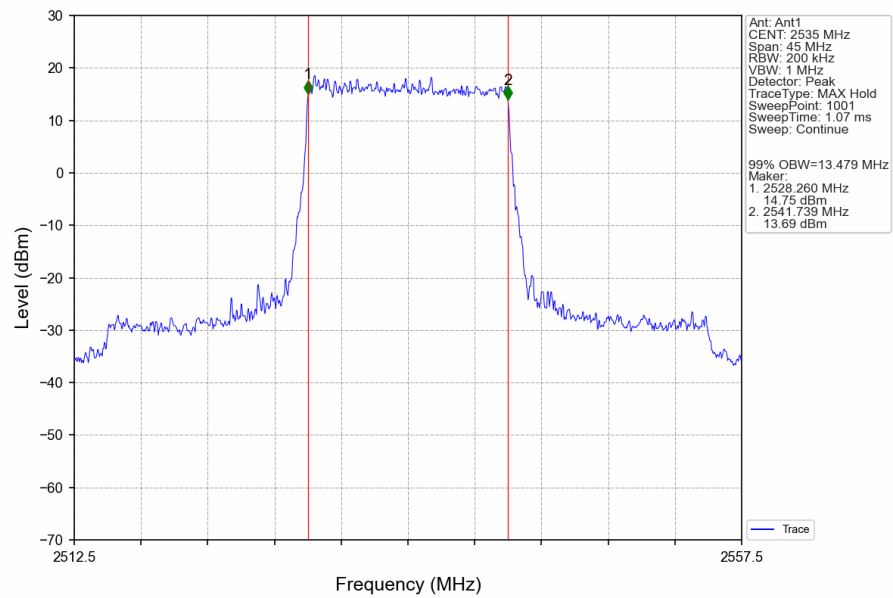
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



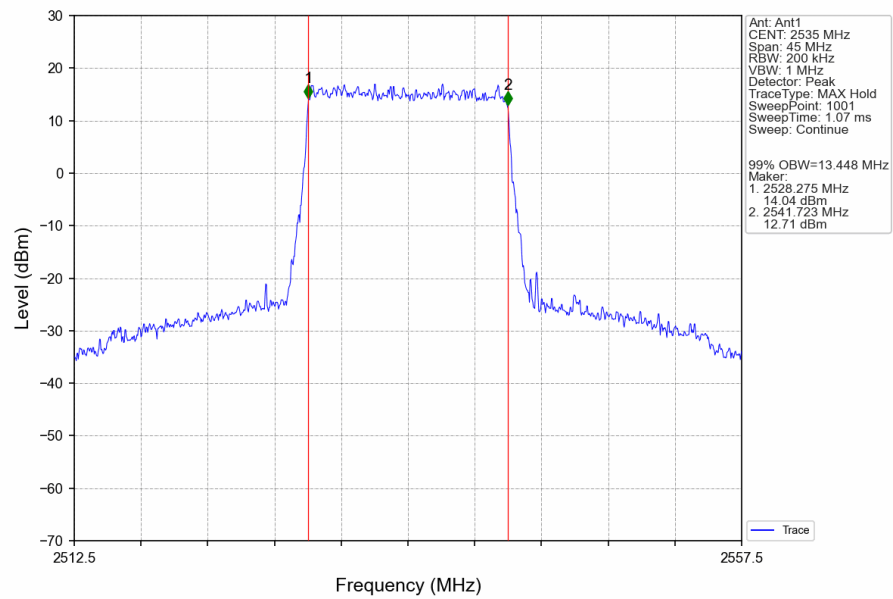
Band7_10MHz_256QAM_MCH_2535MHz_RB_50_0_NTNV



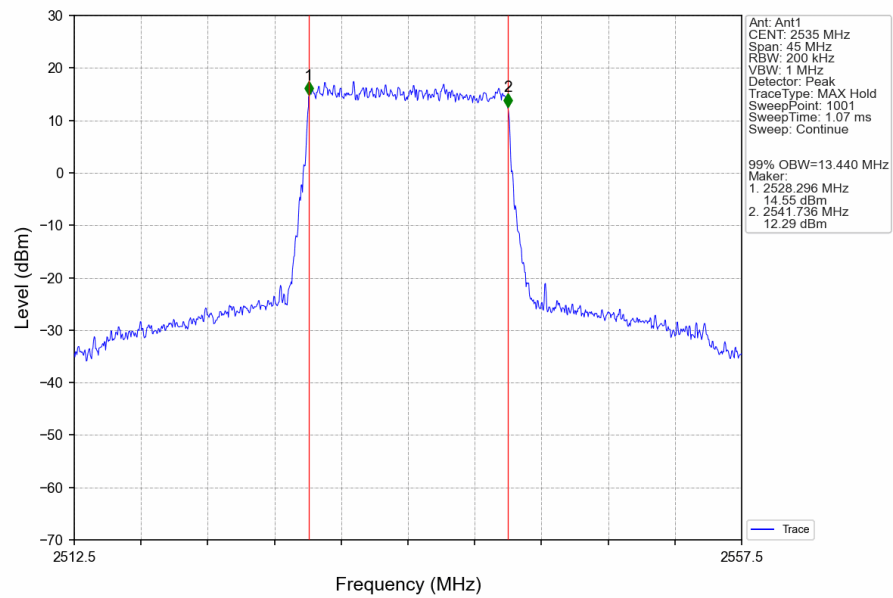
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTNV



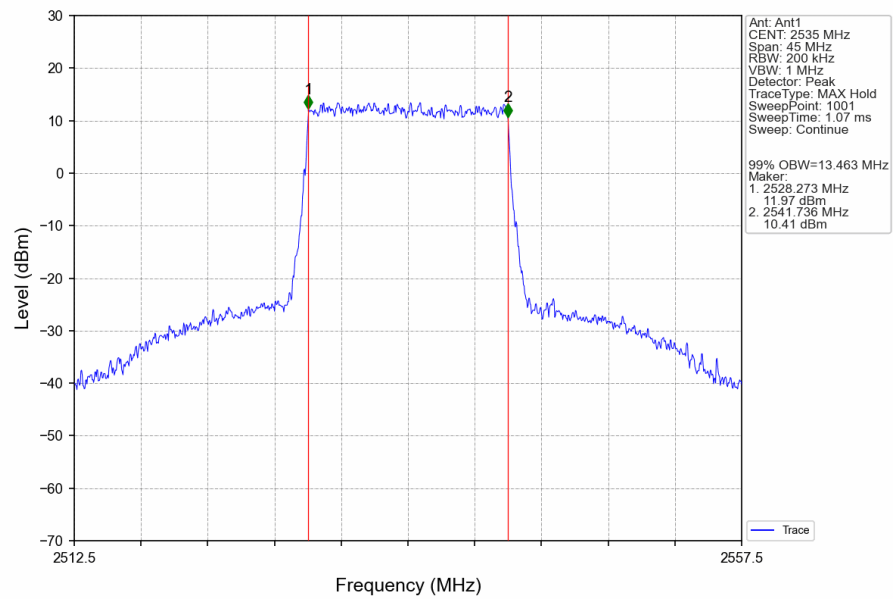
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTNV

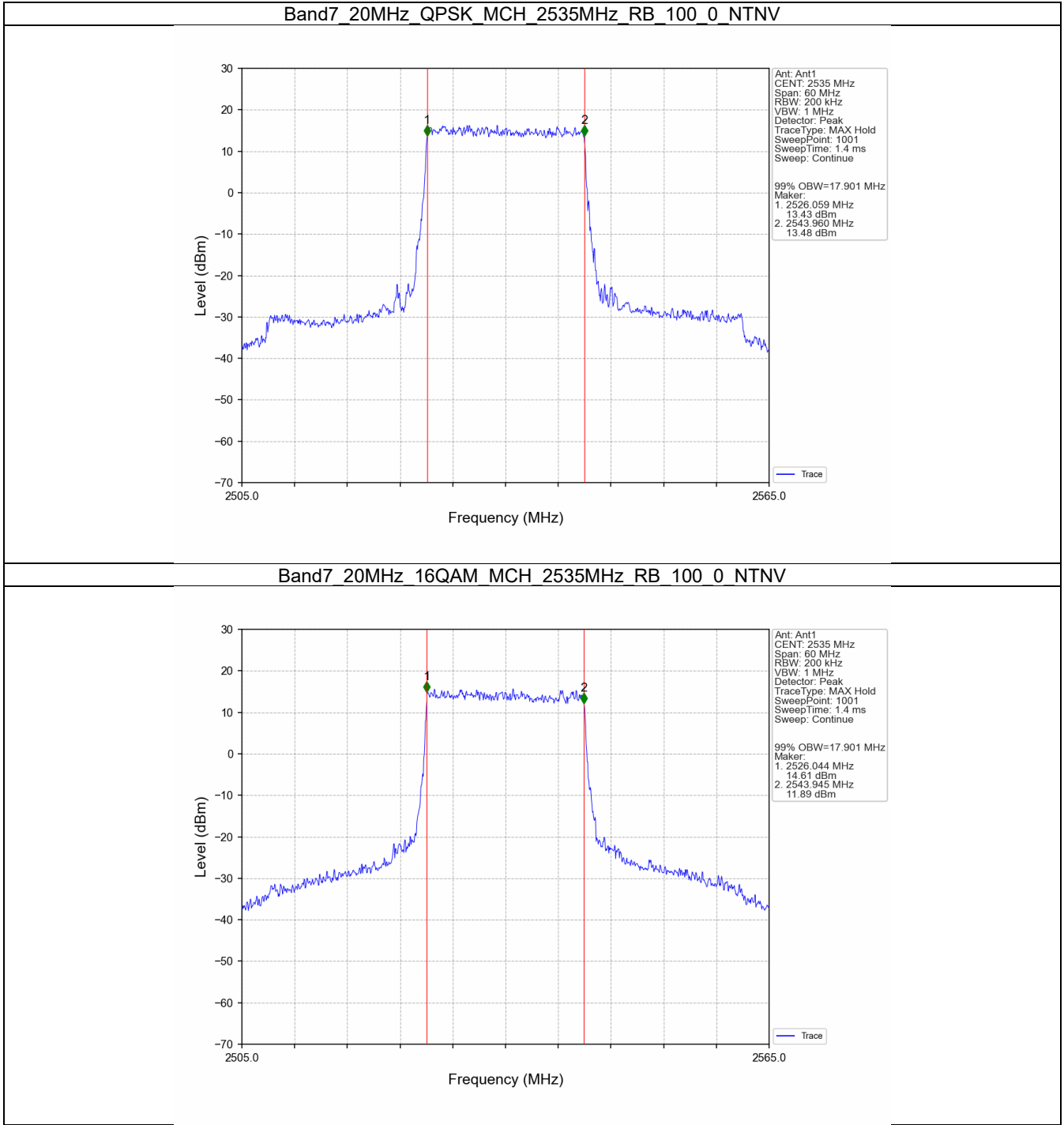


Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV

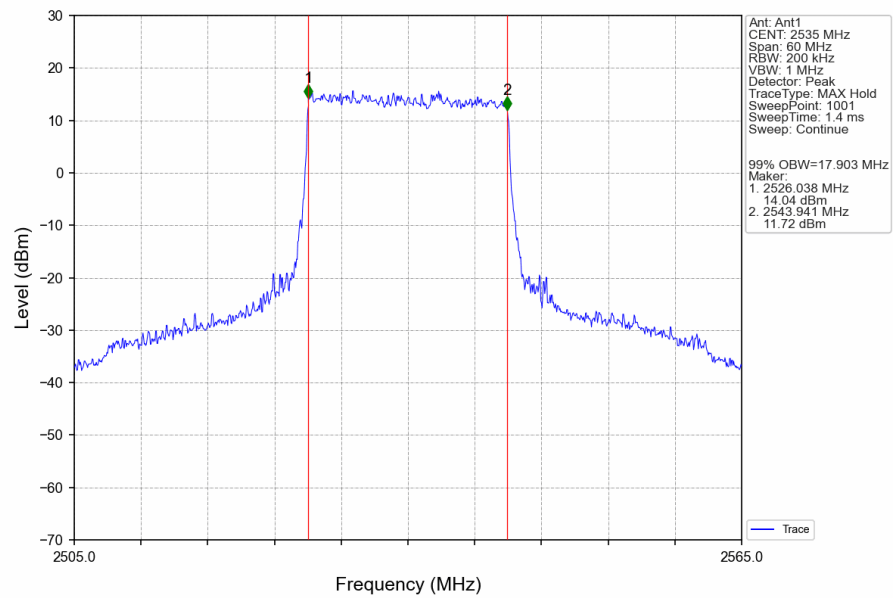


Band7_15MHz_256QAM_MCH_2535MHz_RB_75_0_NTNV

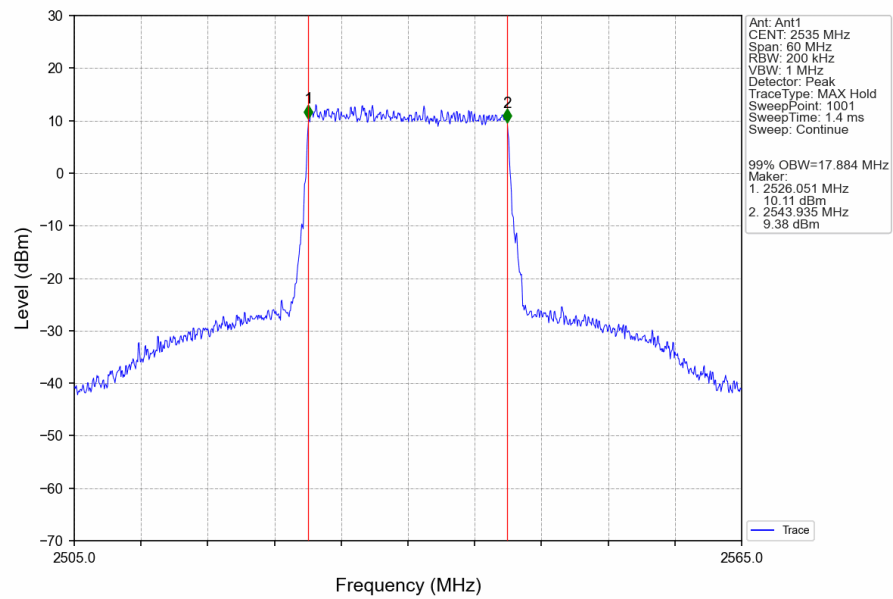




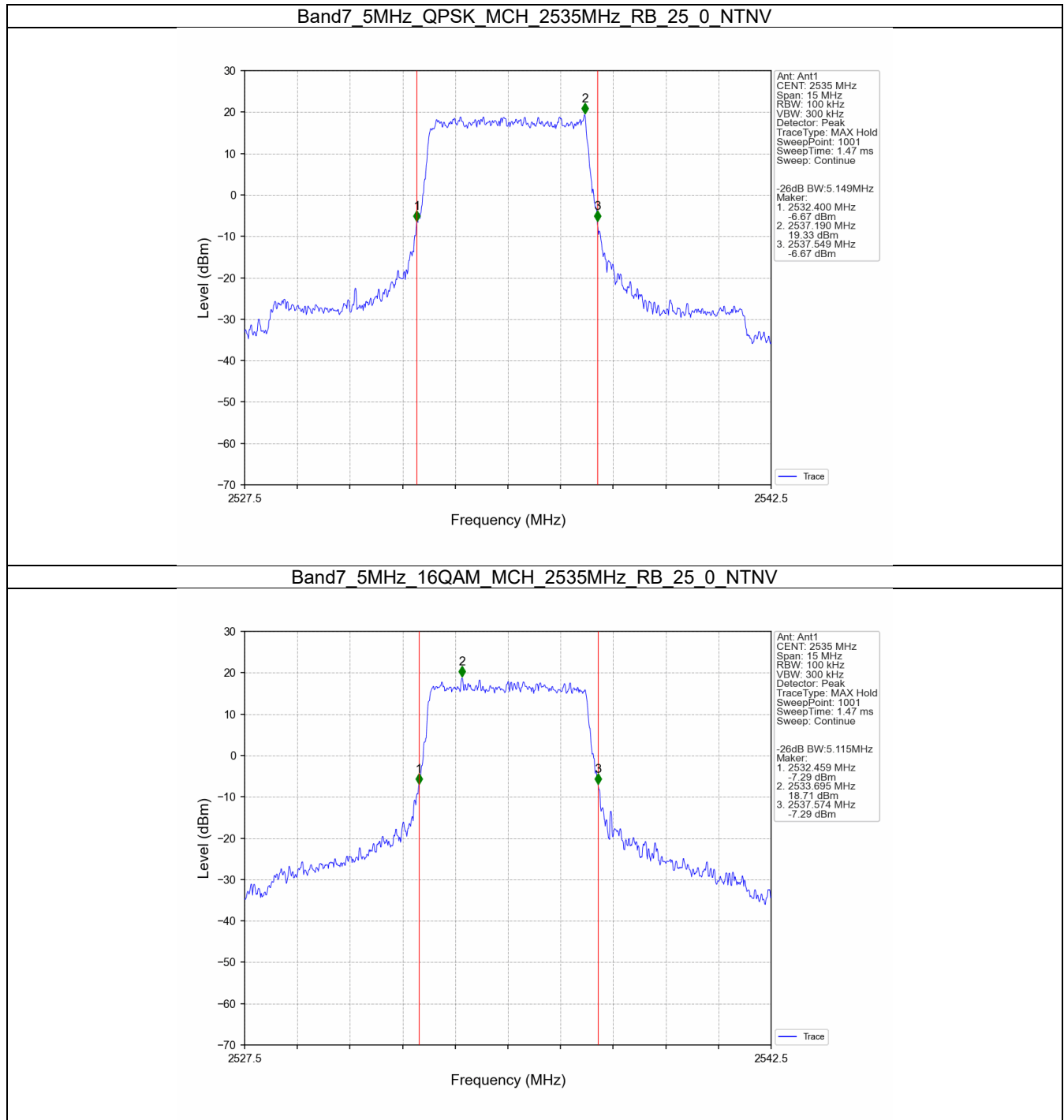
Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTN



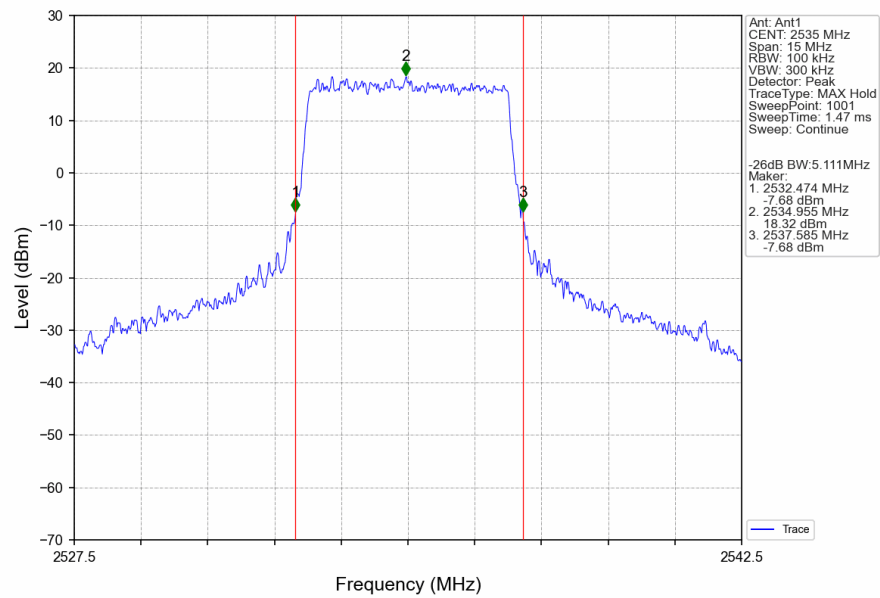
Band7 20MHz 256QAM MCH 2535MHz RB 100 0 NTN



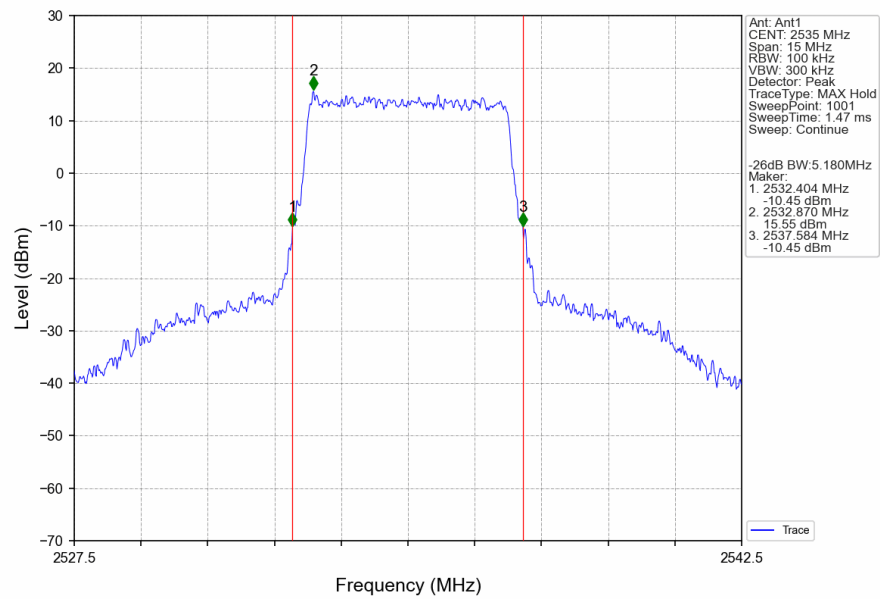
3.2.2 Band7_XDB



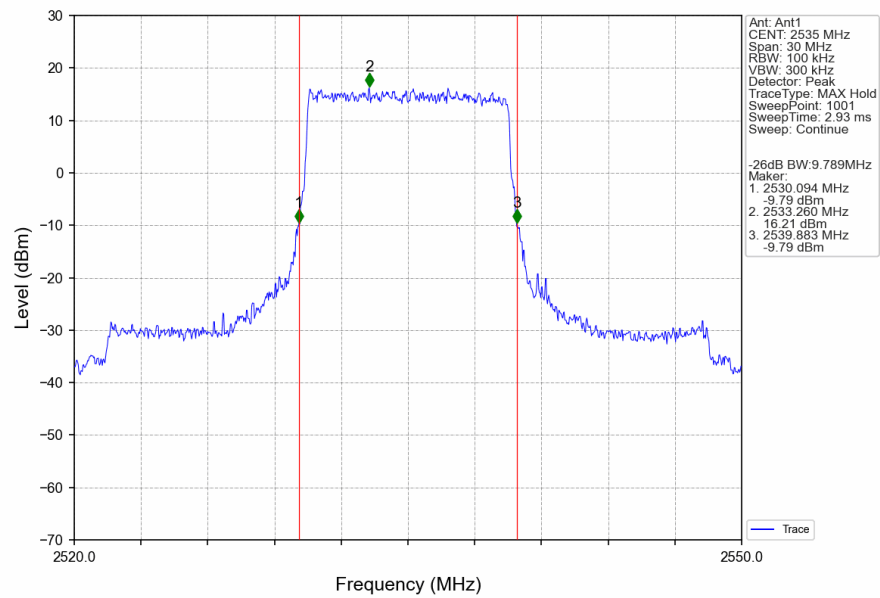
Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



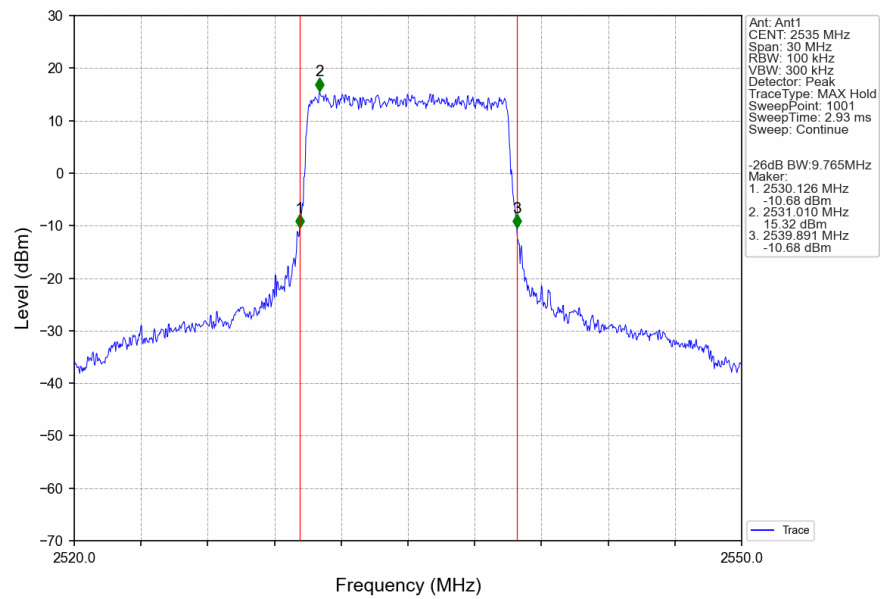
Band7_5MHz_256QAM_MCH_2535MHz_RB_25_0_NTNV



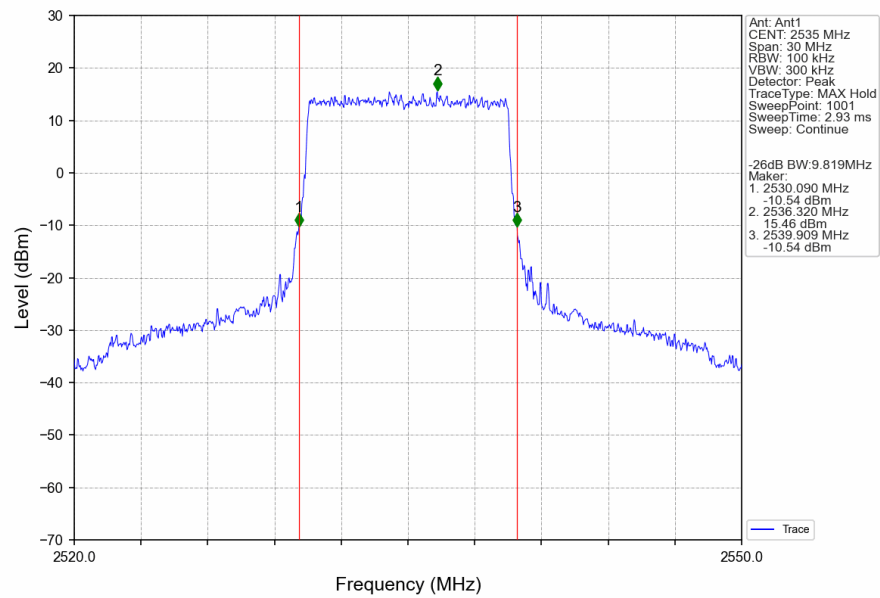
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTNV



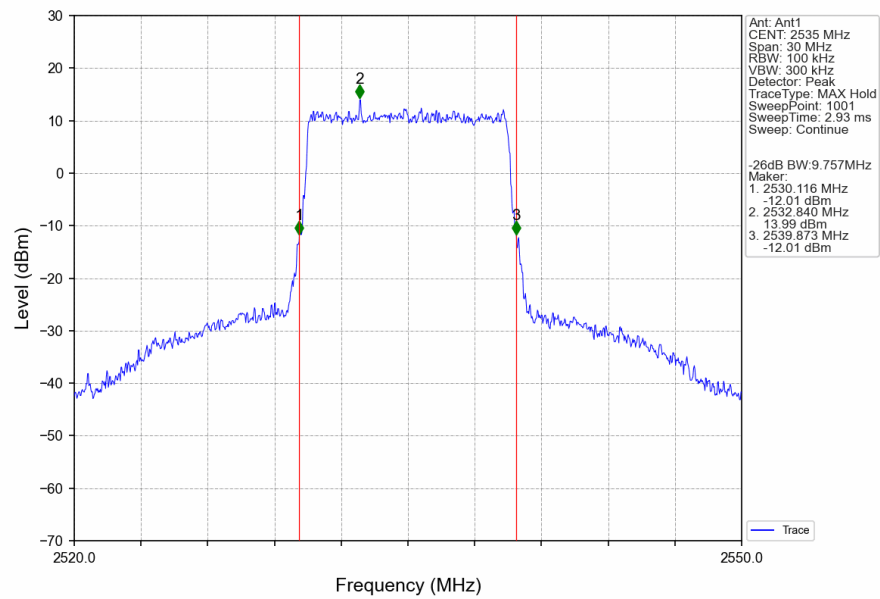
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTNV



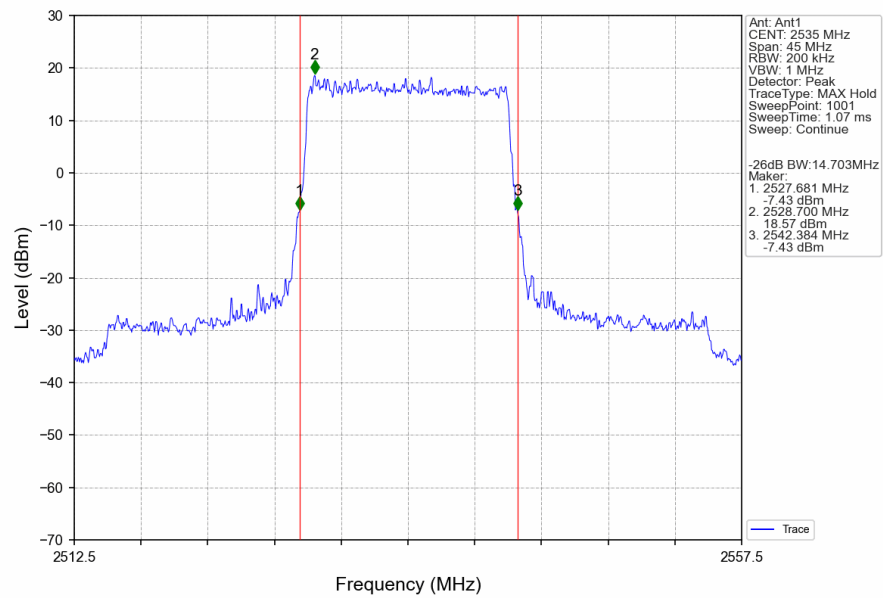
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



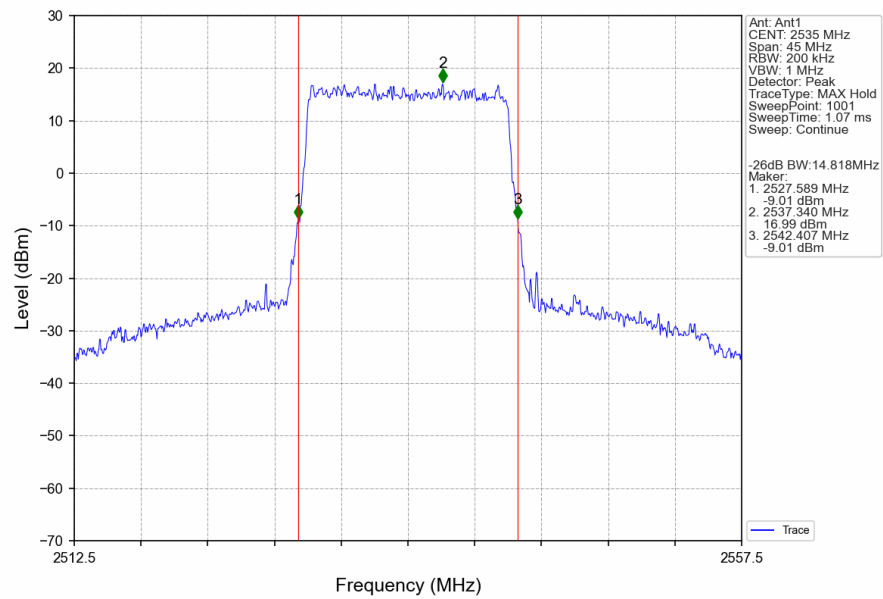
Band7_10MHz_256QAM_MCH_2535MHz_RB_50_0_NTNV



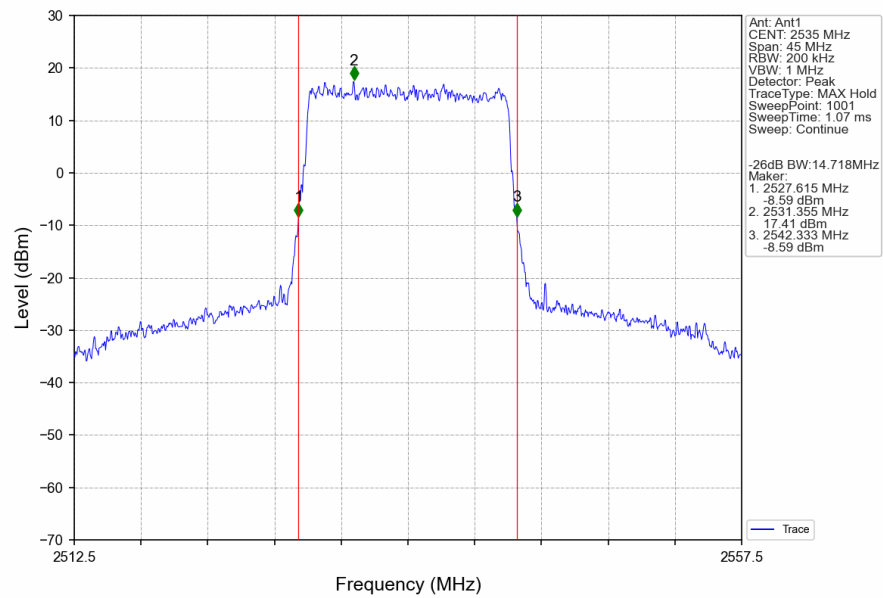
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTNV



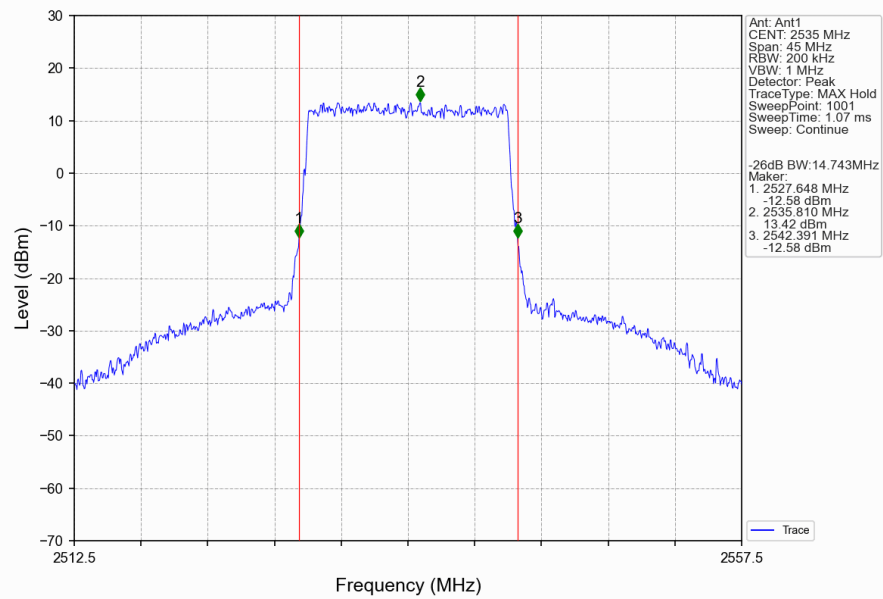
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTNV



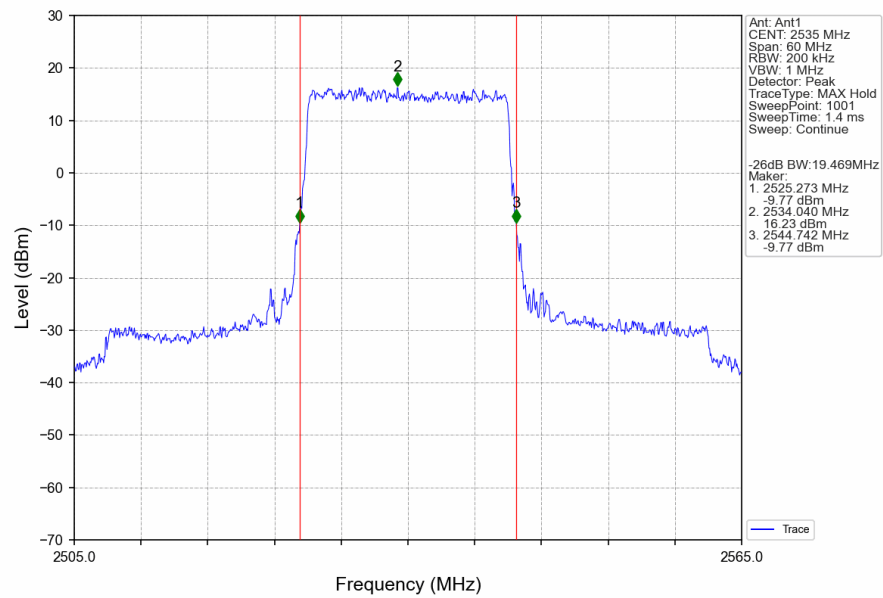
Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



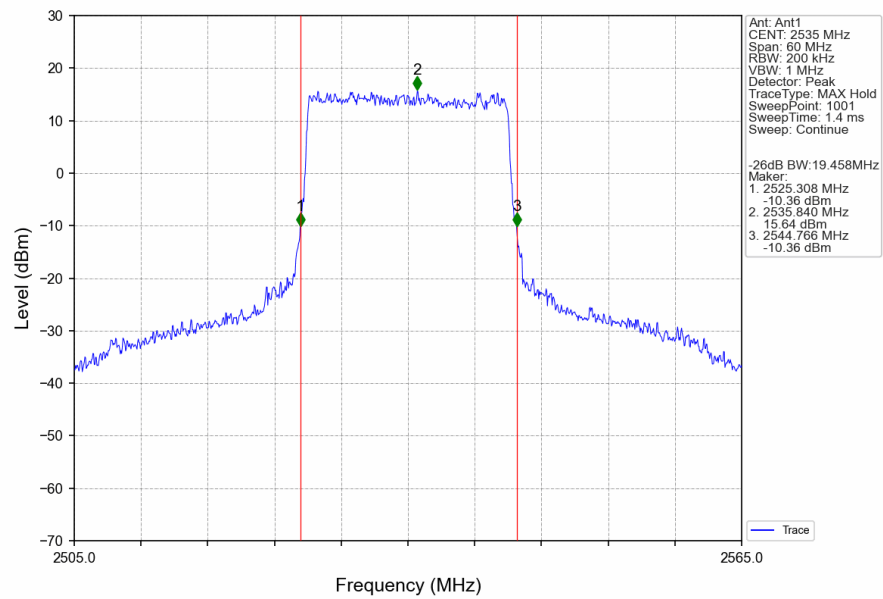
Band7_15MHz_256QAM_MCH_2535MHz_RB_75_0_NTNV



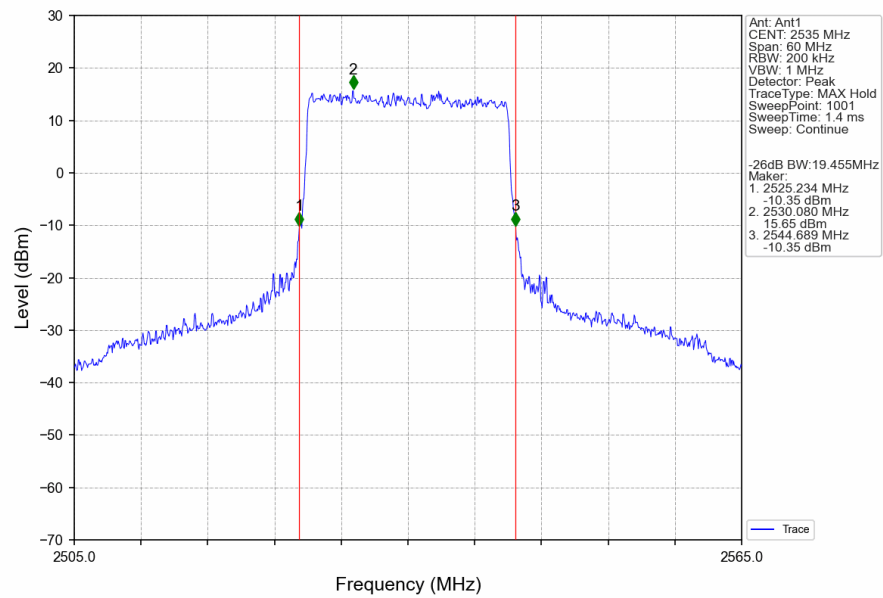
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



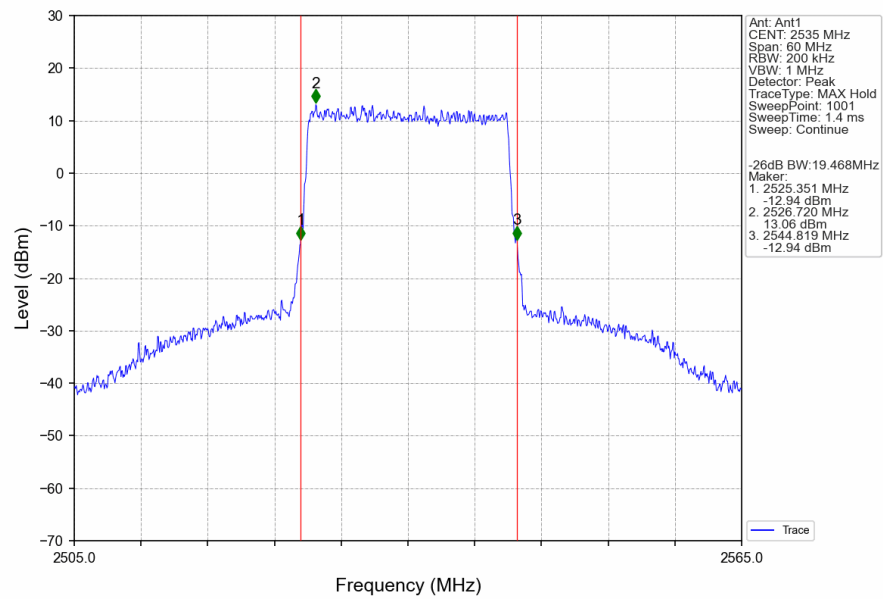
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



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



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



4. Peak-Average Ratio

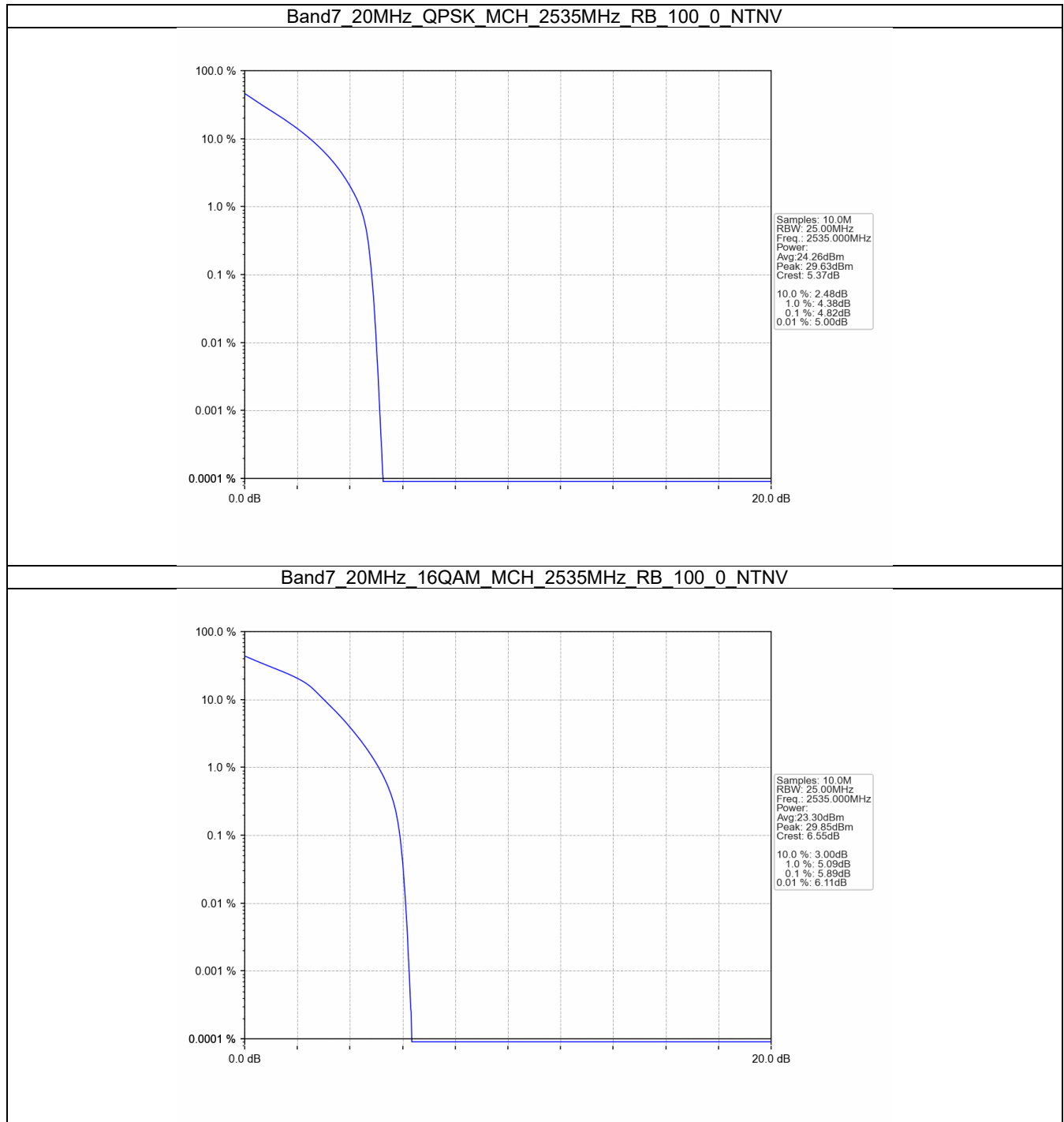
4.1 Test Result

4.1.1 B7_20MHz

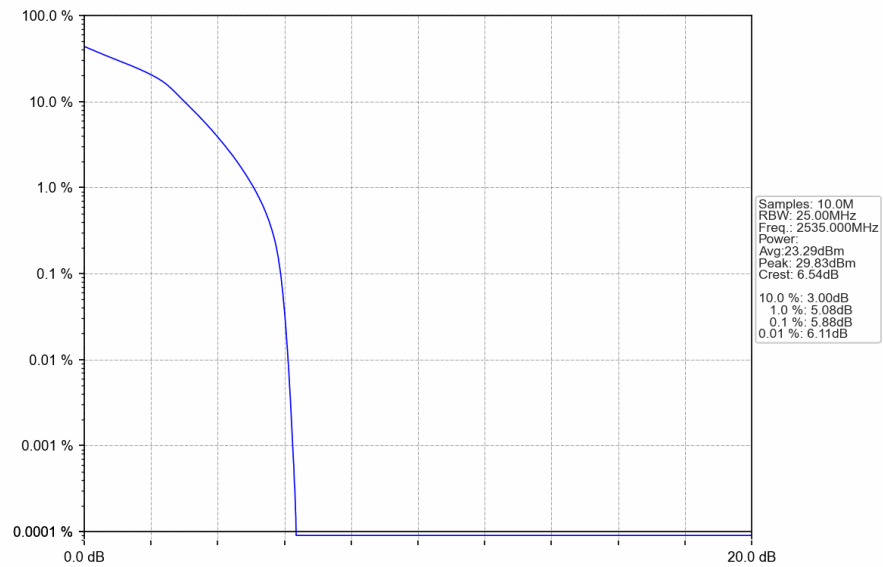
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	4.82	<=13	Pass
16QAM	2535	100	0	5.89	<=13	Pass
64QAM	2535	100	0	5.88	<=13	Pass
256QAM	2535	100	0	6.91	<=13	Pass

4.2 Test Graph

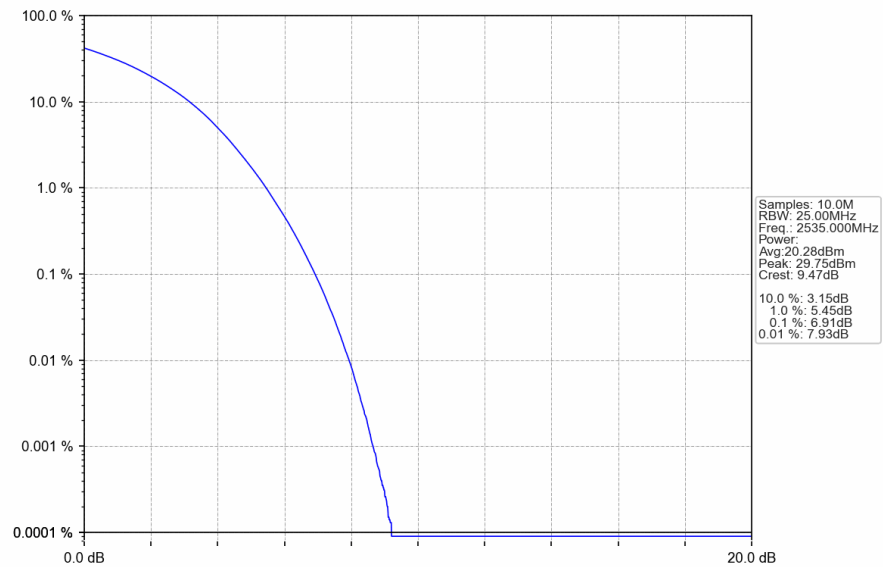
4.2.1 B7_20MHz



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



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



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

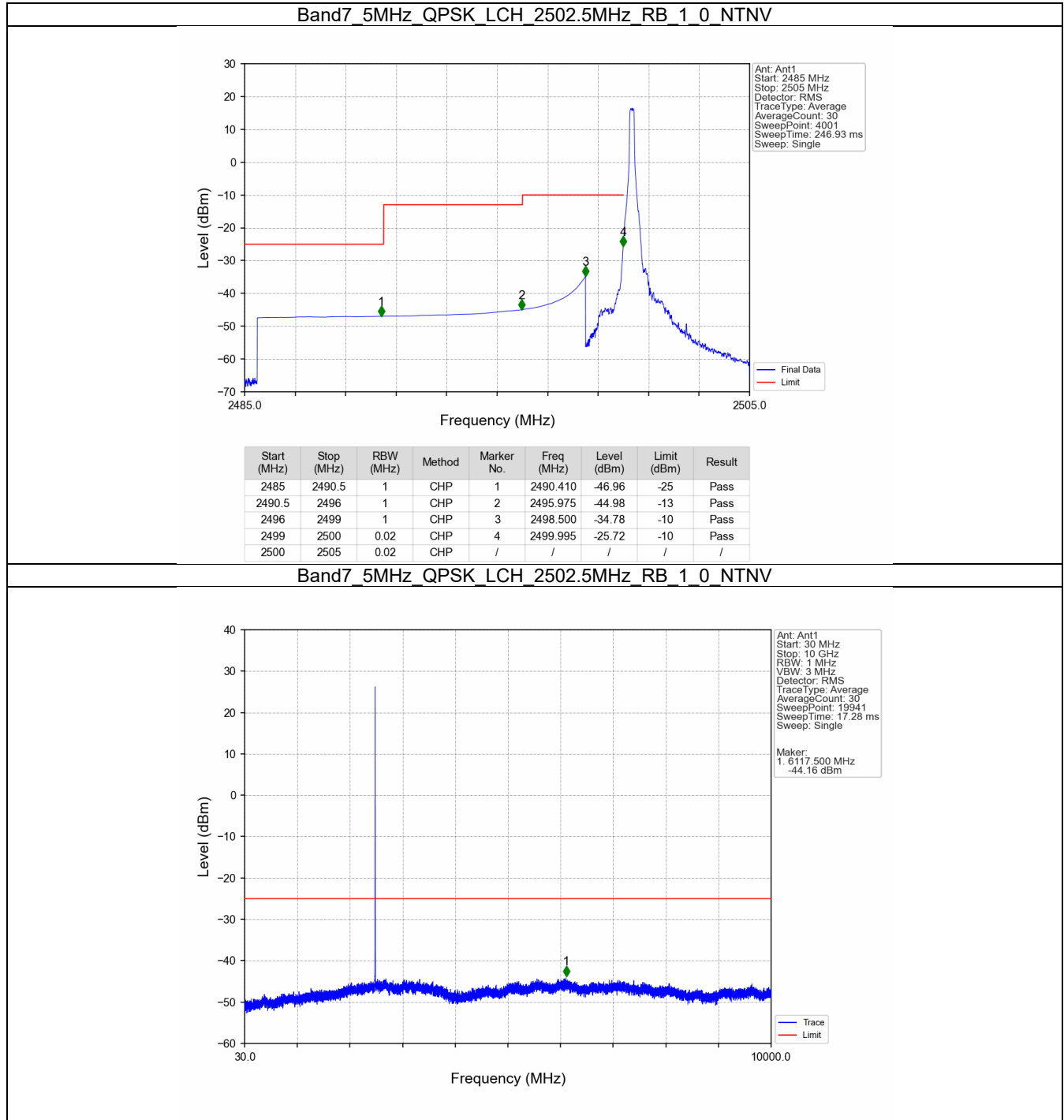
5.1.4 B7_20MHz

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

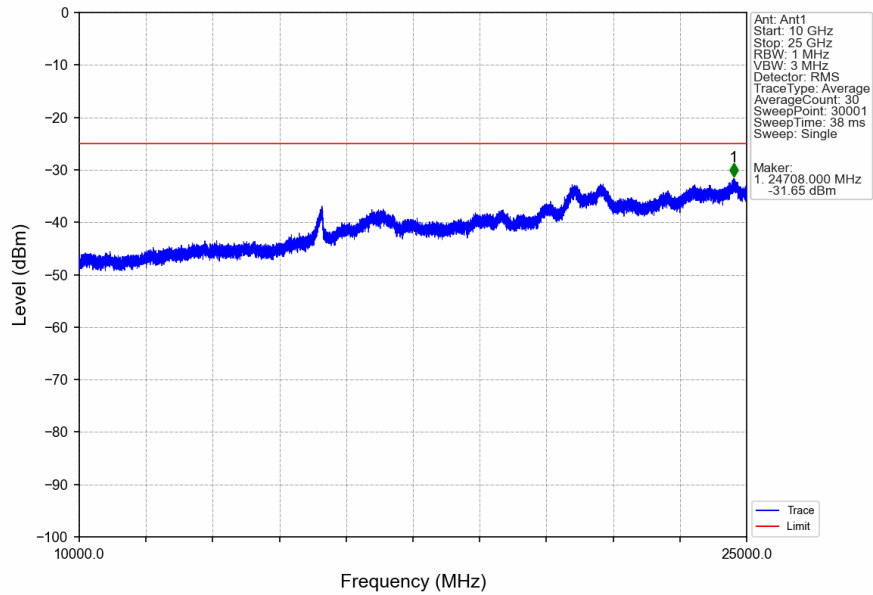
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

5.2 Test Graph

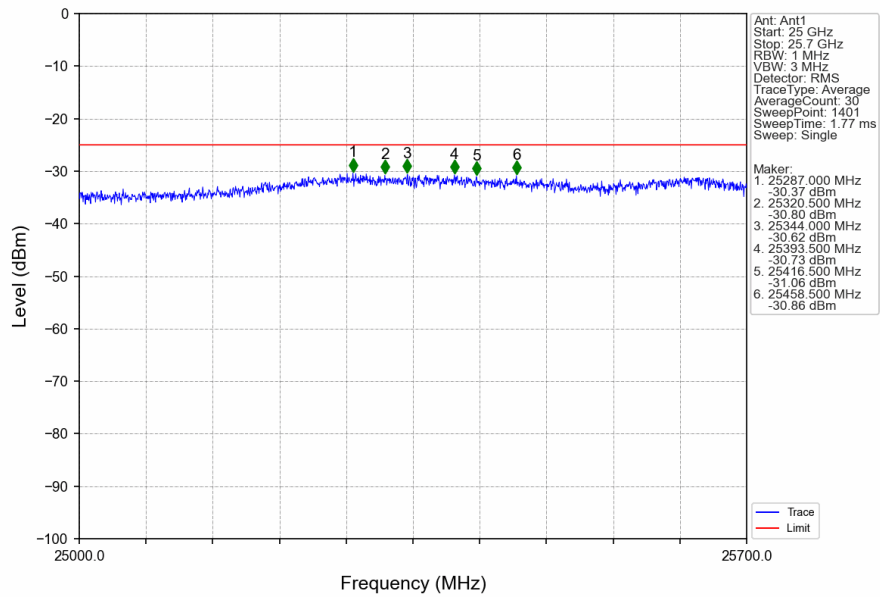
5.2.1 B7_5MHz



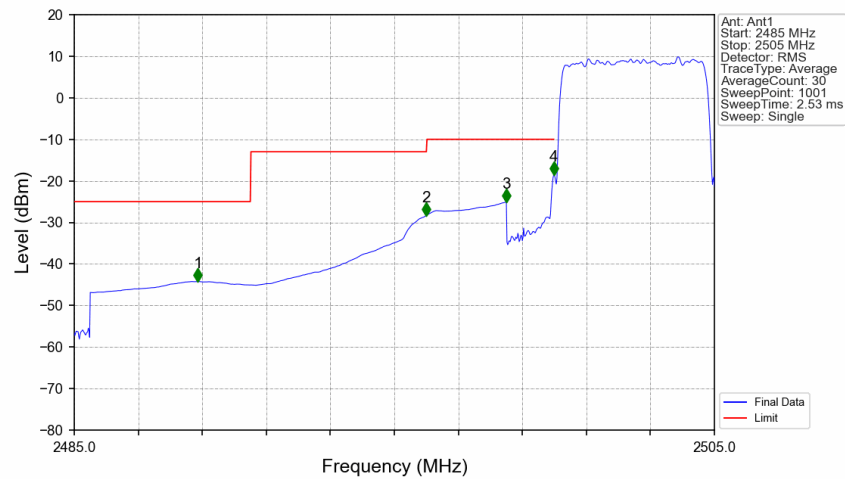
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



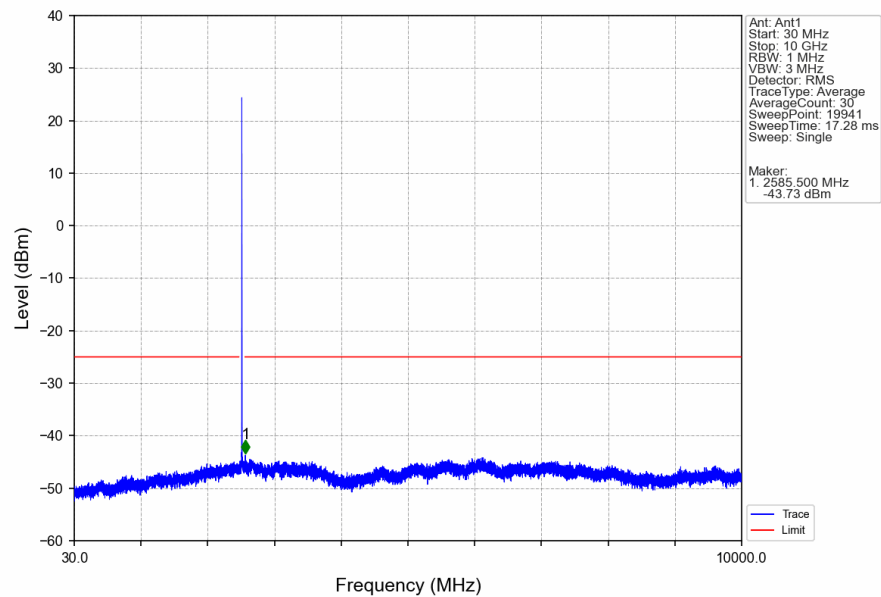
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



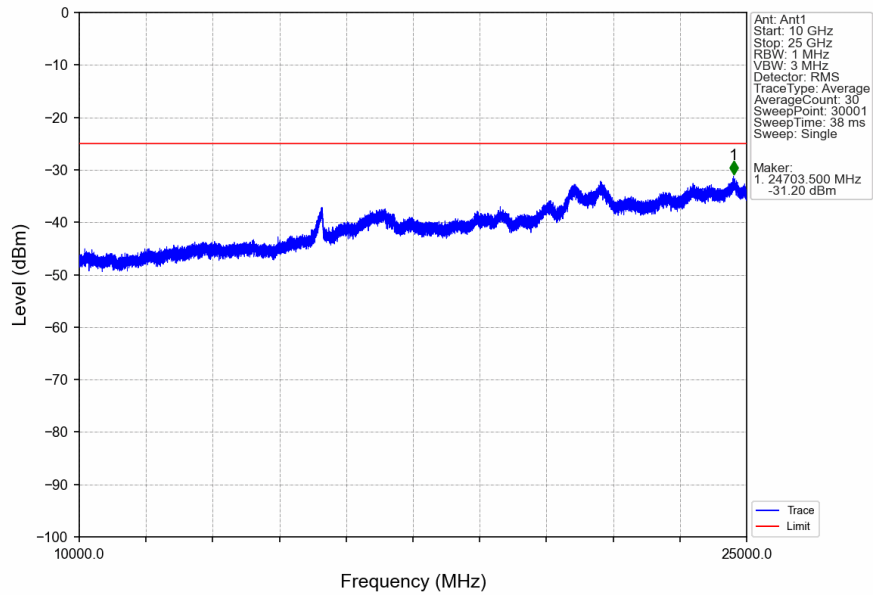
Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTNV



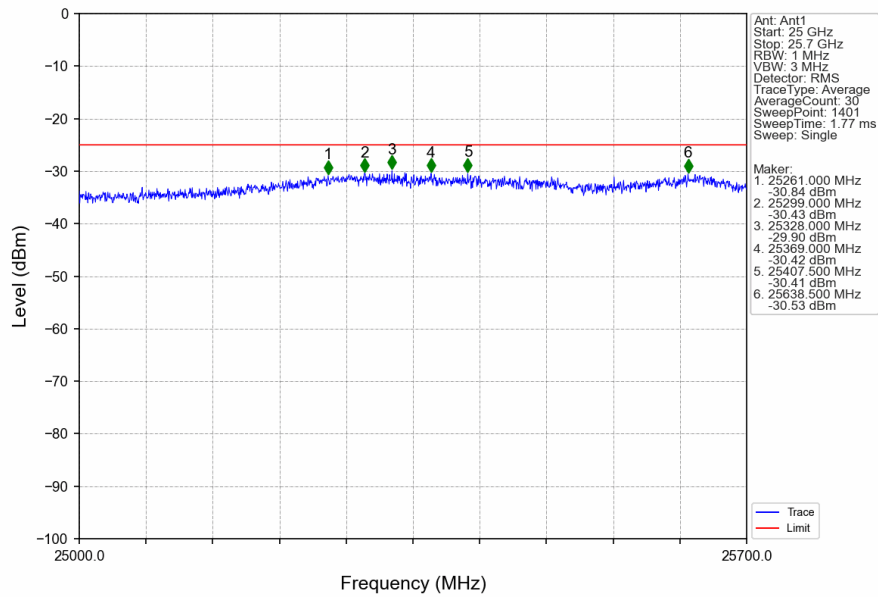
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTNV



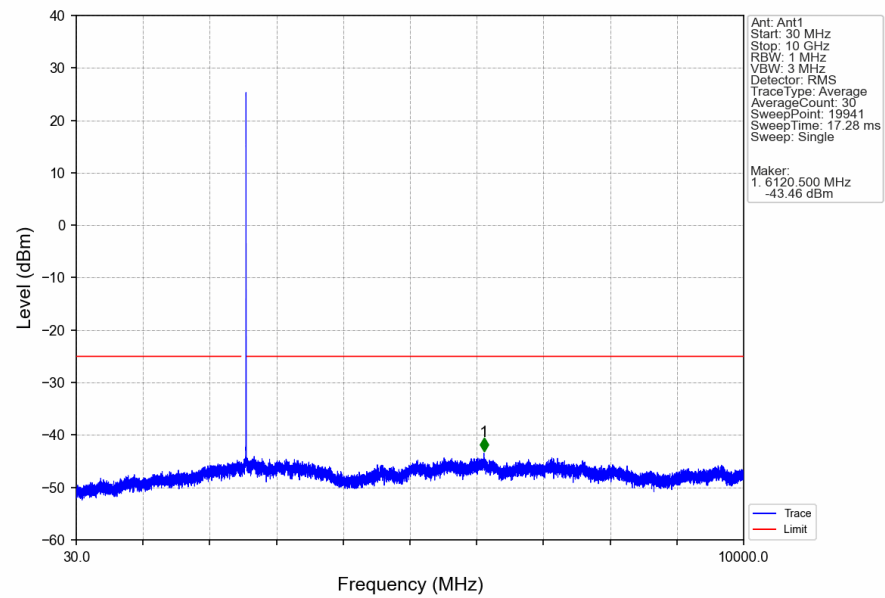
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



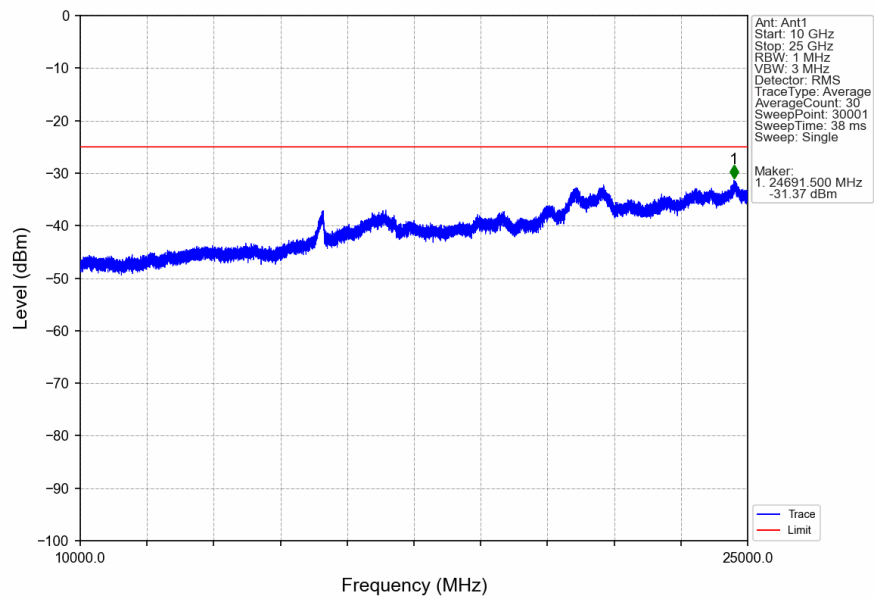
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



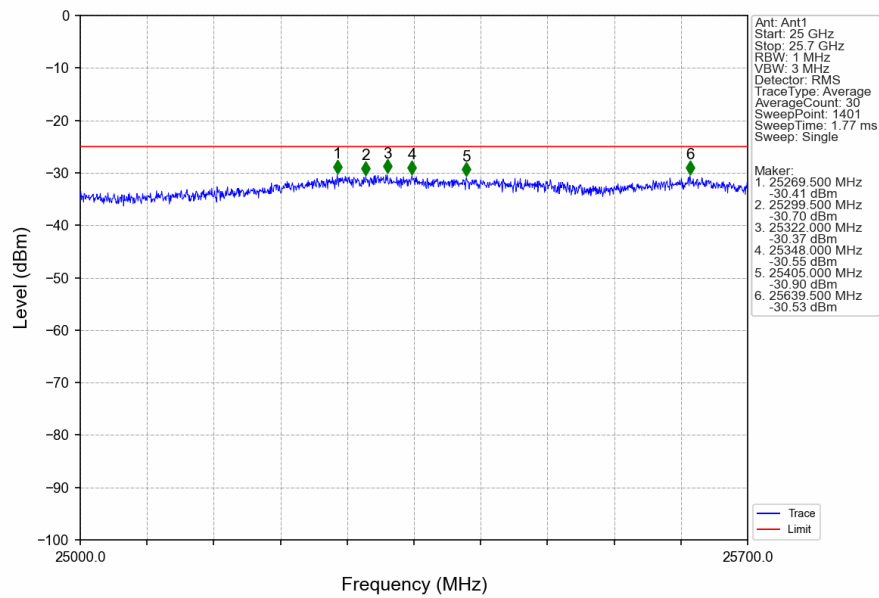
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTNV



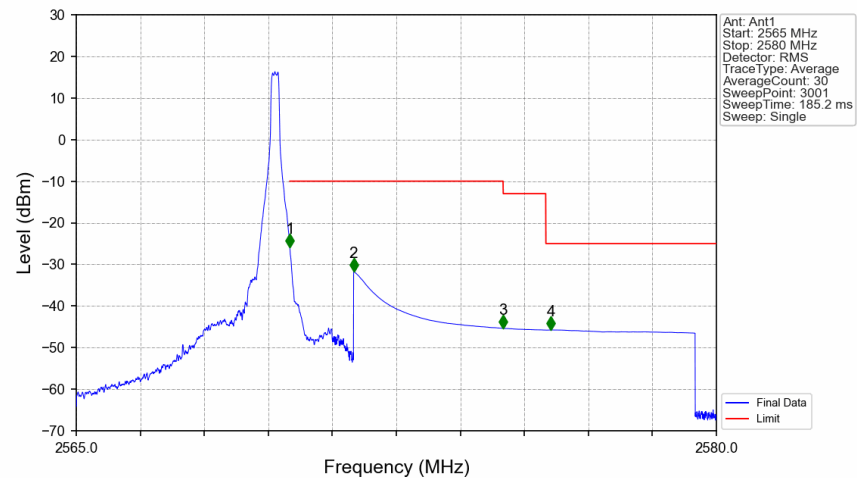
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTNV



Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN

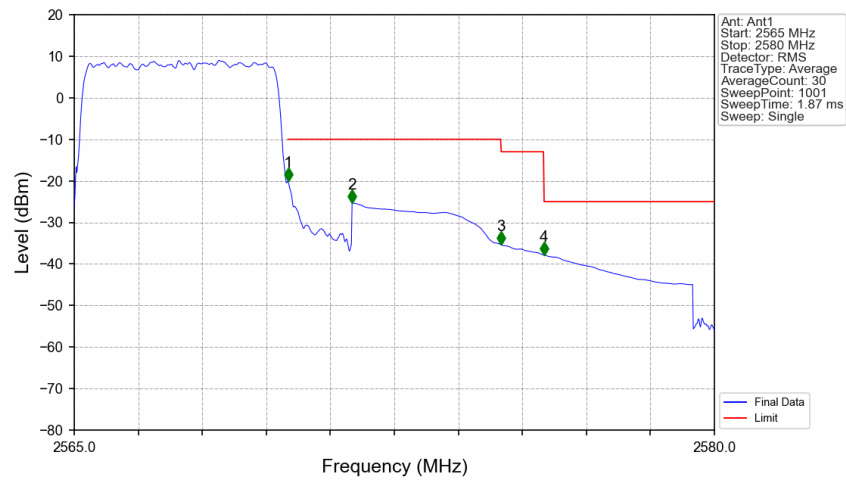


Band7 5MHz QPSK HCH 2567.5MHz RB 1 24 NTN



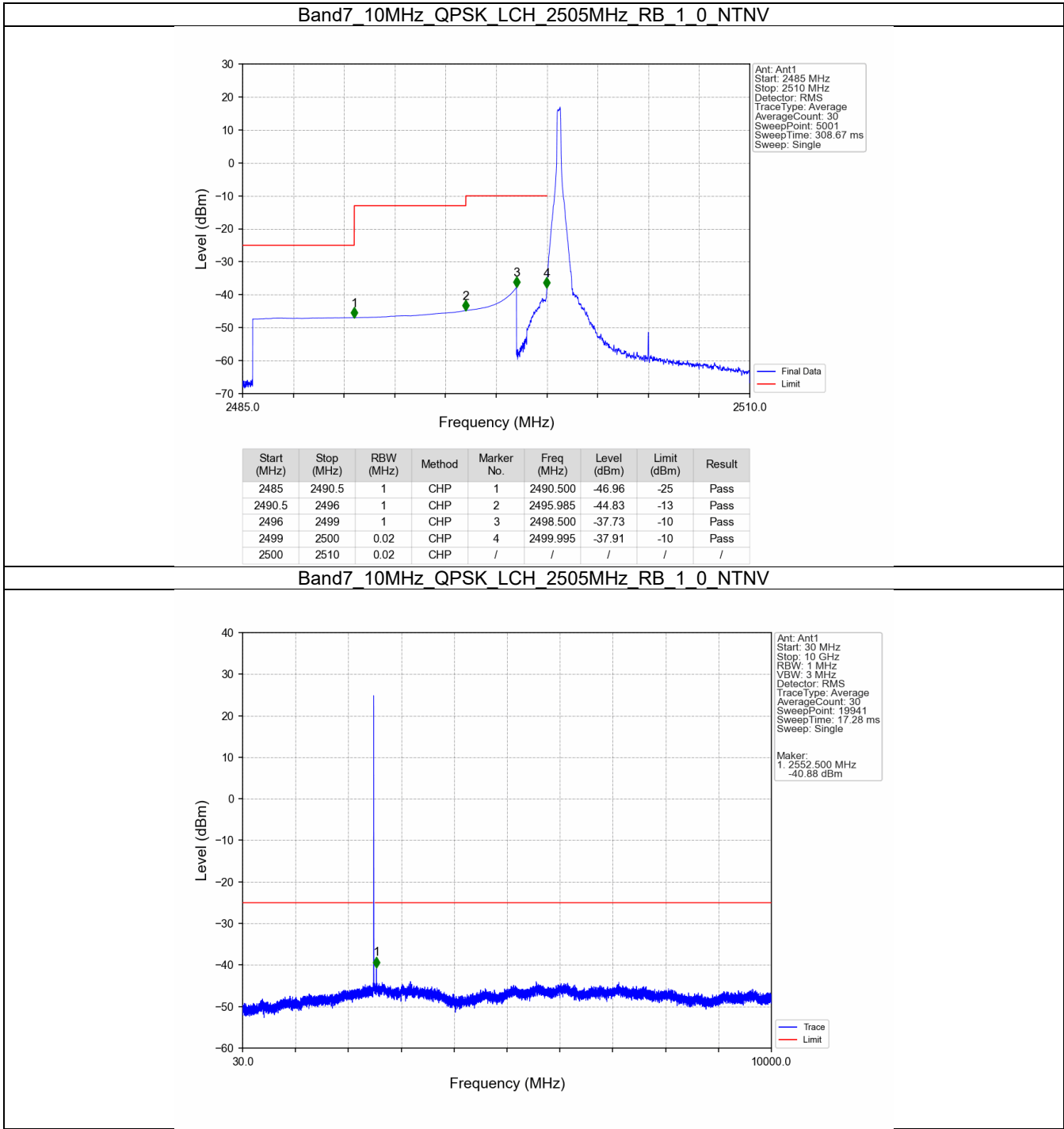
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-25.90	-10	Pass
2571	2575	1	CHP	2	2571.500	-31.67	-10	Pass
2575	2576	1	CHP	3	2575.005	-45.38	-13	Pass
2576	2580	1	CHP	4	2576.120	-45.77	-25	Pass

Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV

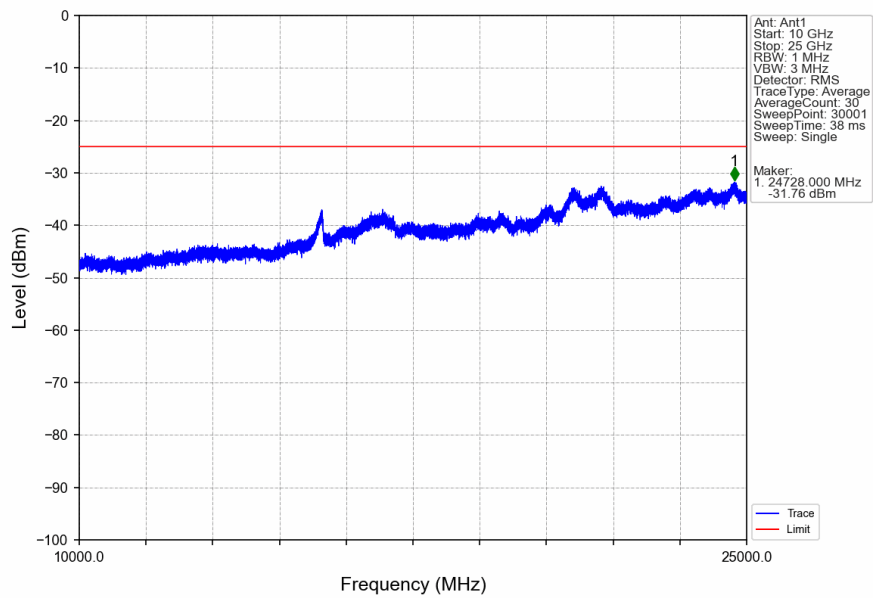


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.103	CHP	/	/	/	/	/
2570	2571	0.103	CHP	1	2570.010	-20.10	-10	Pass
2571	2575	1	CHP	2	2571.510	-25.30	-10	Pass
2575	2576	1	CHP	3	2575.005	-35.39	-13	Pass
2576	2580	1	CHP	4	2576.010	-37.84	-25	Pass

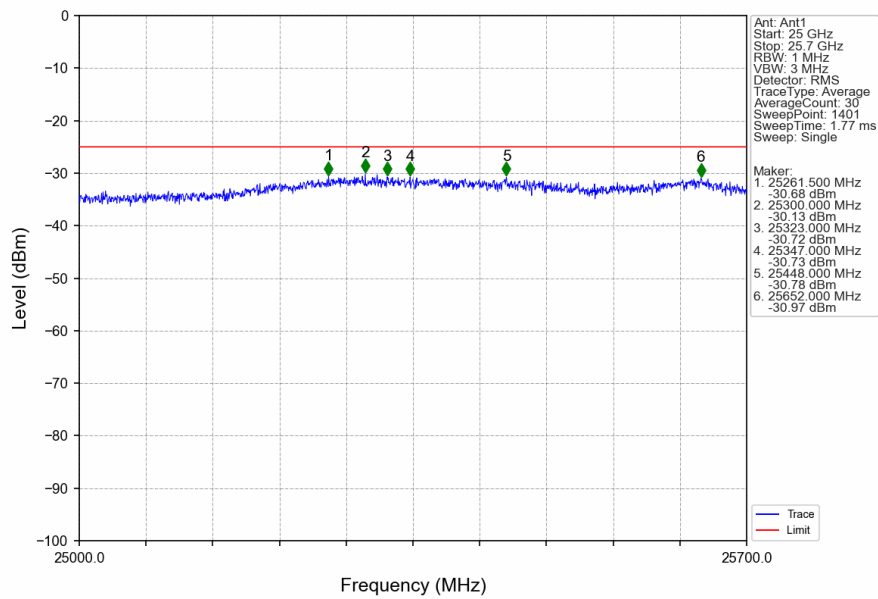
5.2.2 B7_10MHz



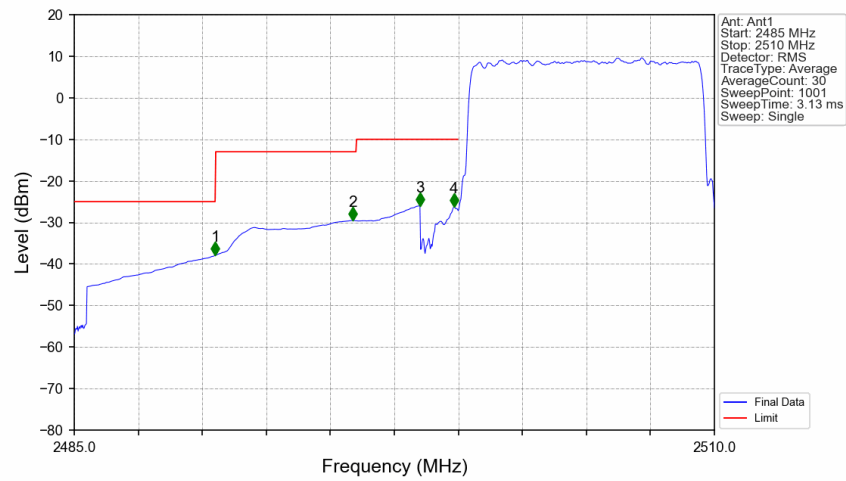
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



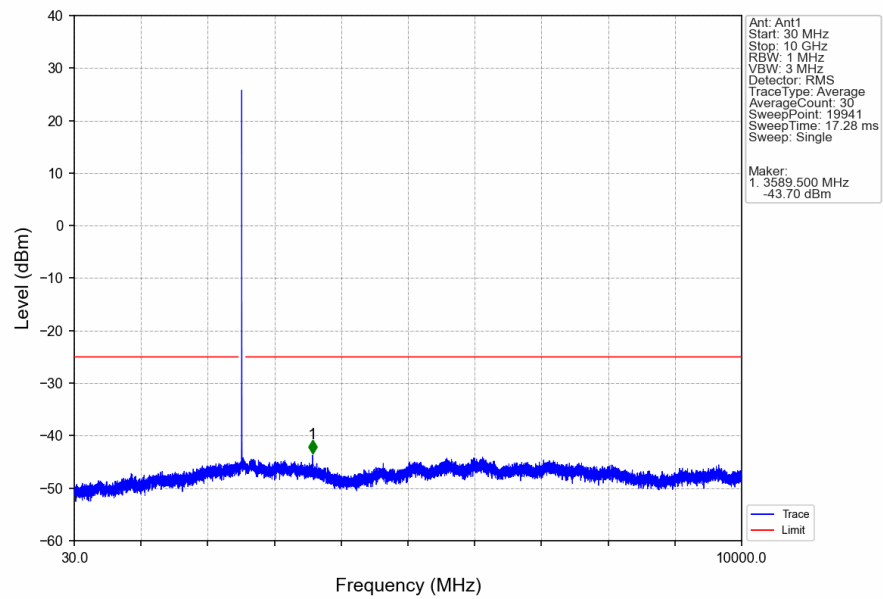
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



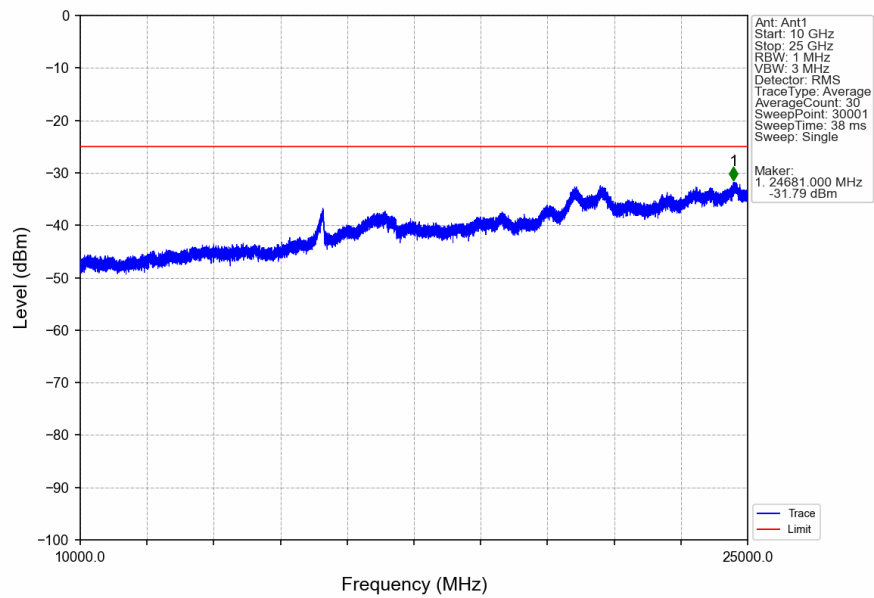
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV



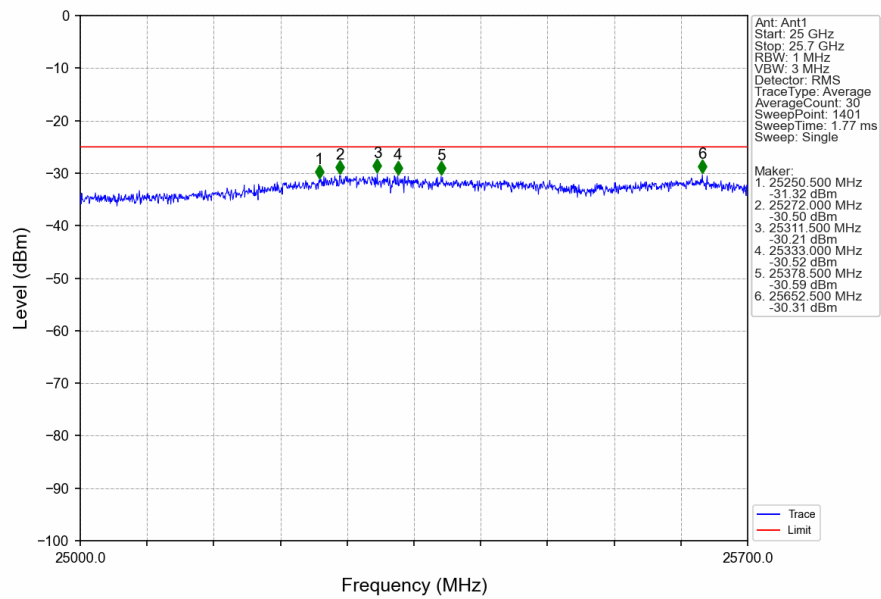
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTNV



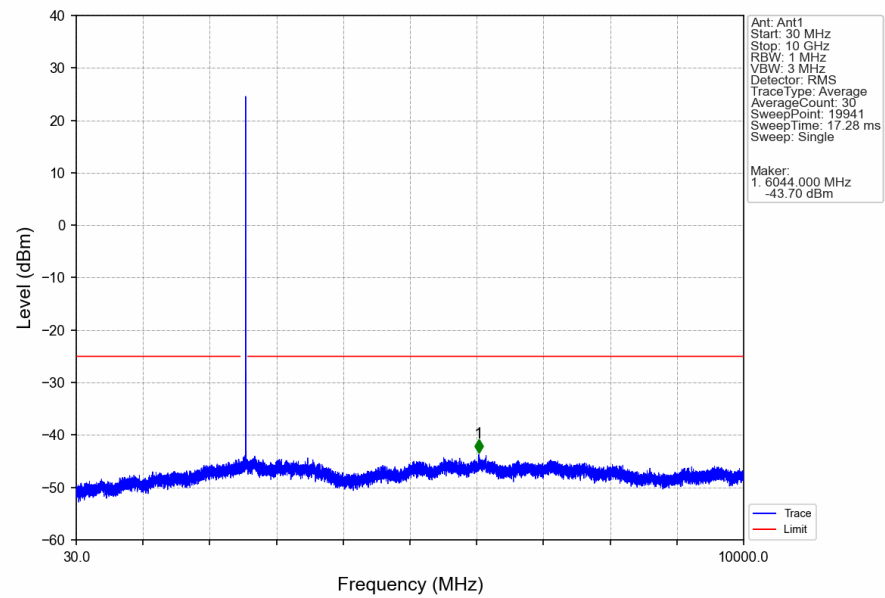
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



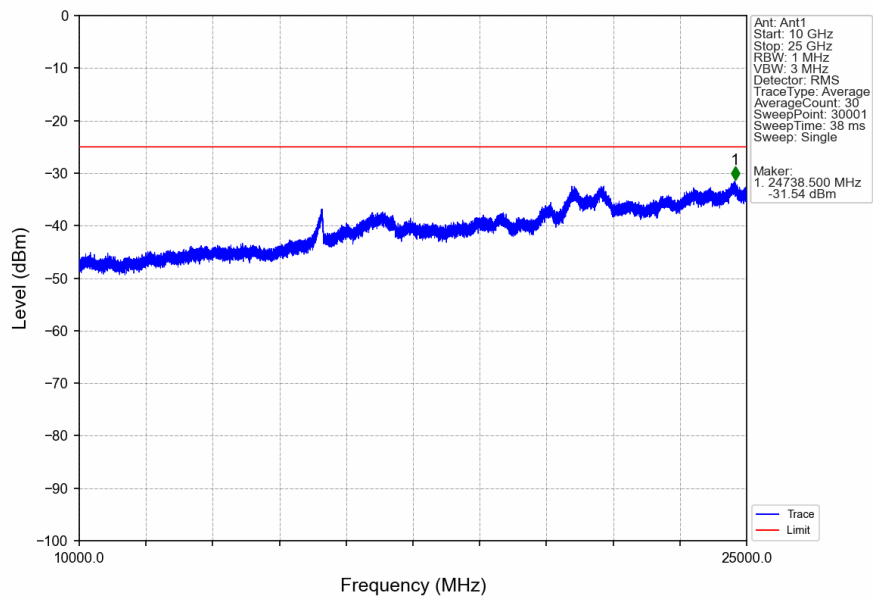
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



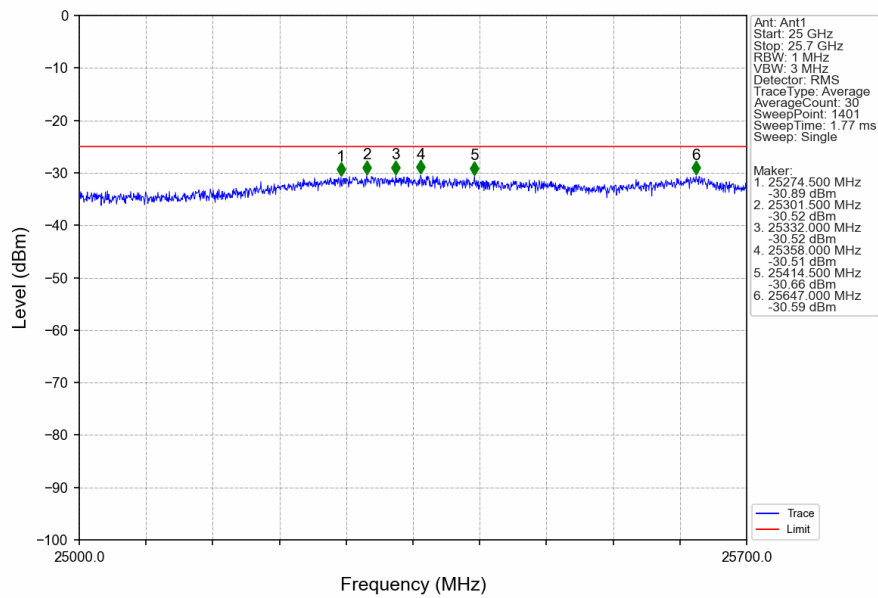
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



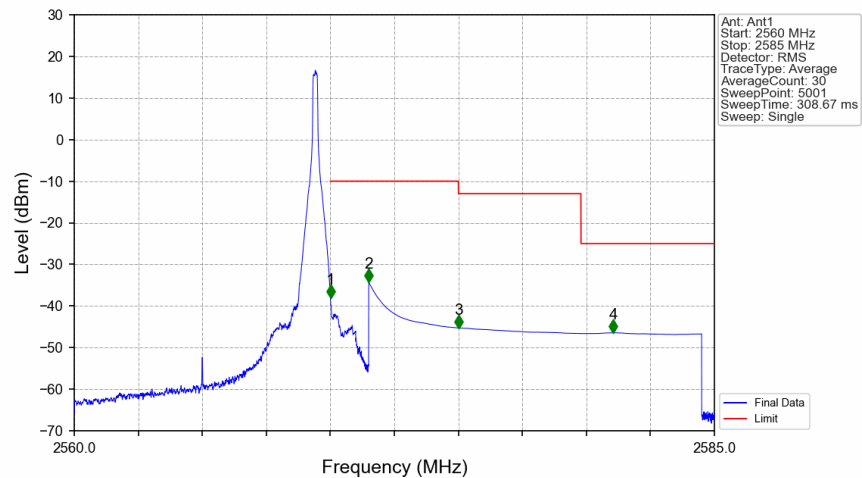
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

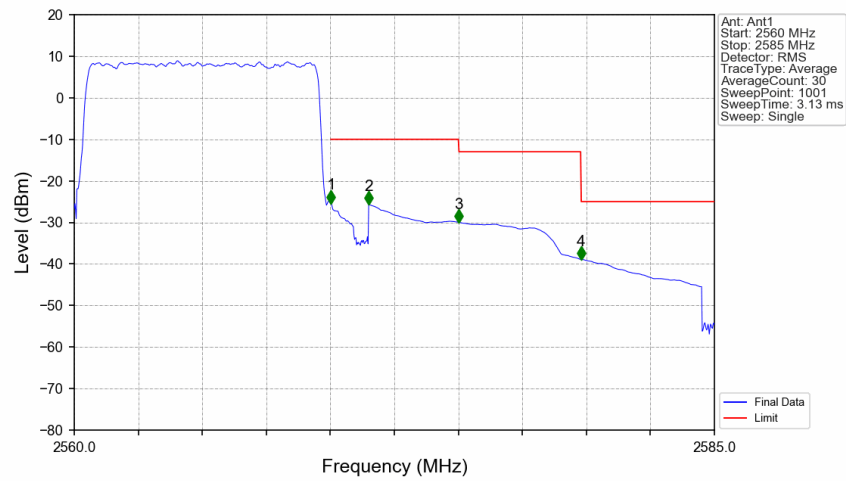


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



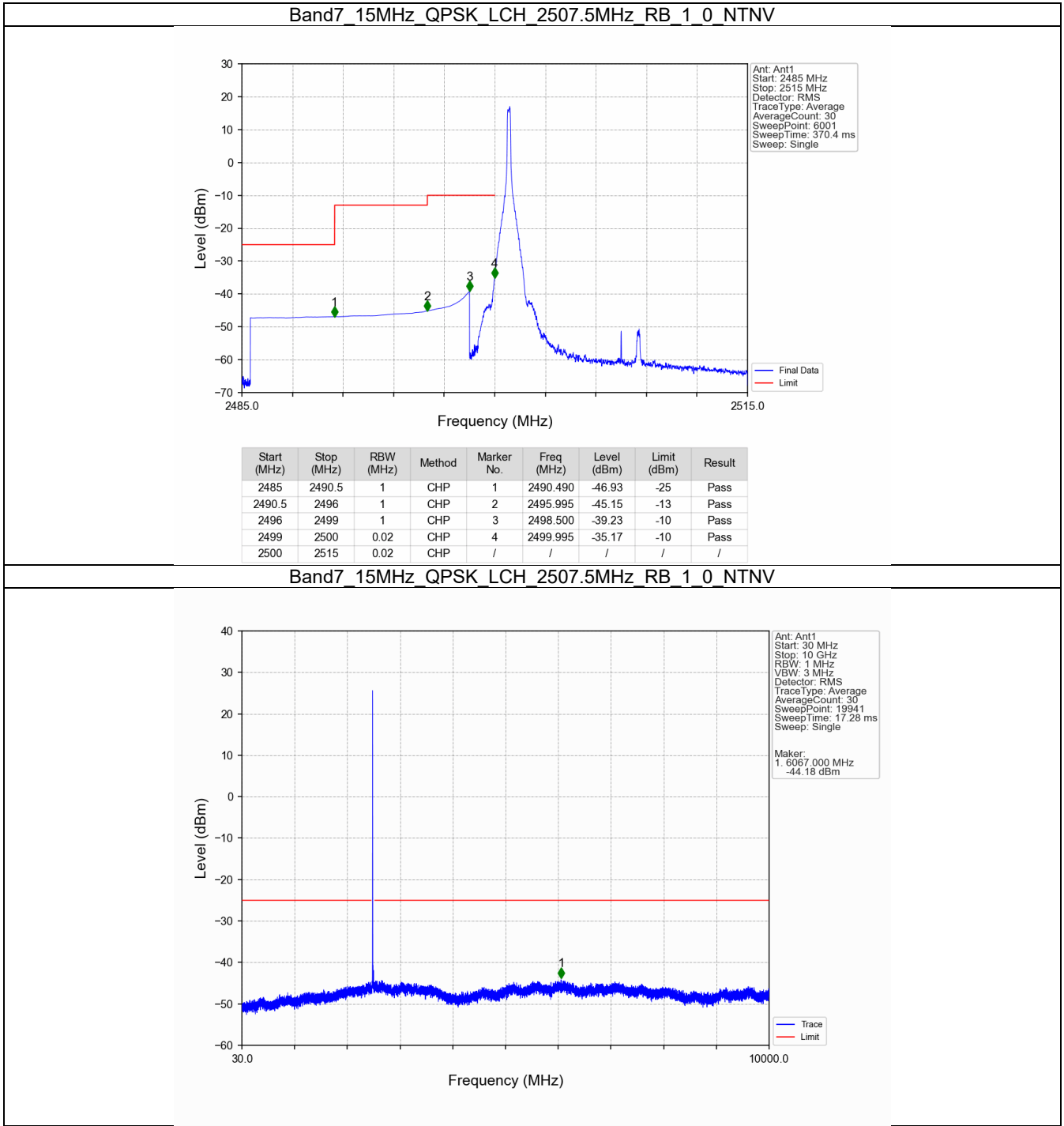
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-38.01	-10	Pass
2571	2575	1	CHP	2	2571.500	-34.21	-10	Pass
2575	2579.789	1	CHP	3	2575.005	-45.30	-13	Pass
2579.789	2585	1	CHP	4	2581.045	-46.44	-25	Pass

Band7 10MHz QPSK HCH 2565MHz RB 50_0 NTNv

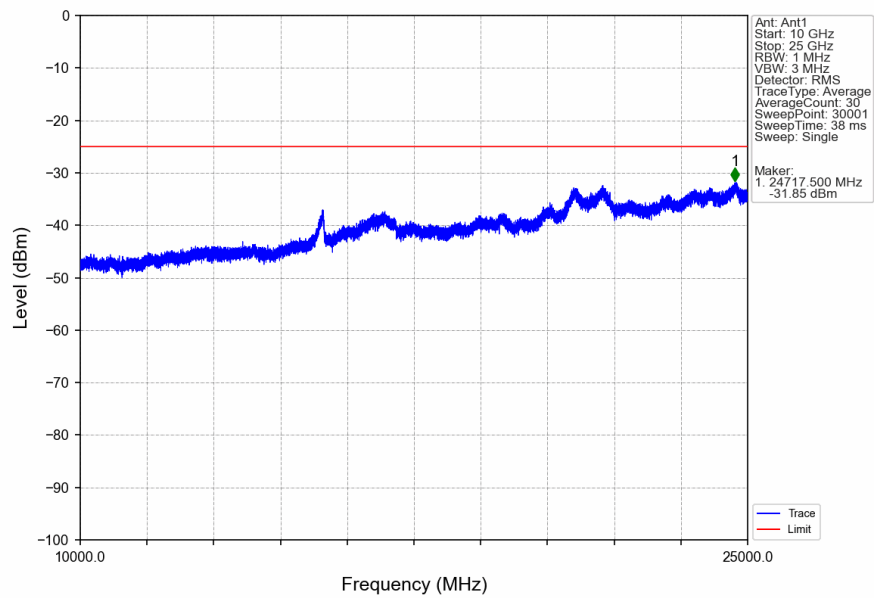


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.196	CHP	/	/	/	/	/
2570	2571	0.196	CHP	1	2570.025	-25.39	-10	Pass
2571	2575	1	CHP	2	2571.500	-25.71	-10	Pass
2575	2579.789	1	CHP	3	2575.025	-29.97	-13	Pass
2579.789	2585	1	CHP	4	2579.800	-38.93	-25	Pass

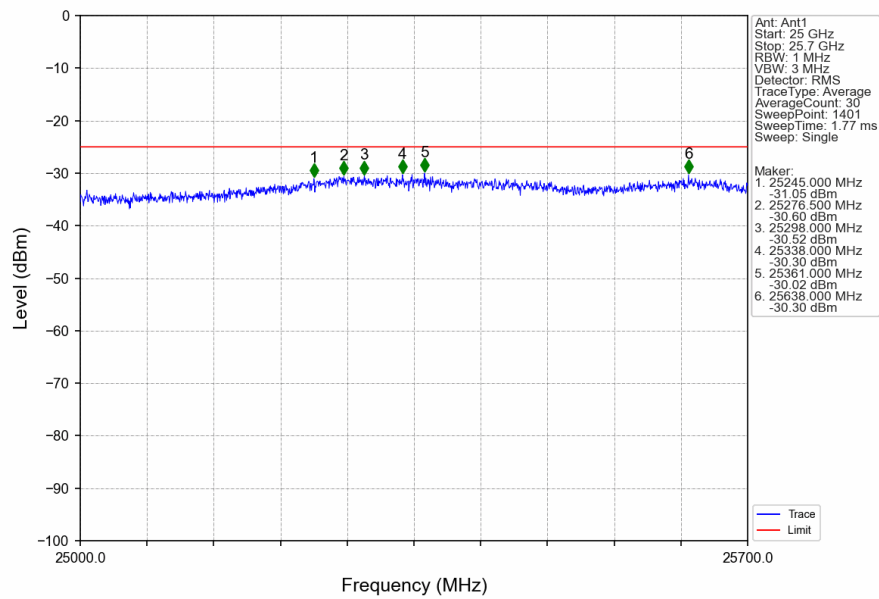
5.2.3 B7_15MHz



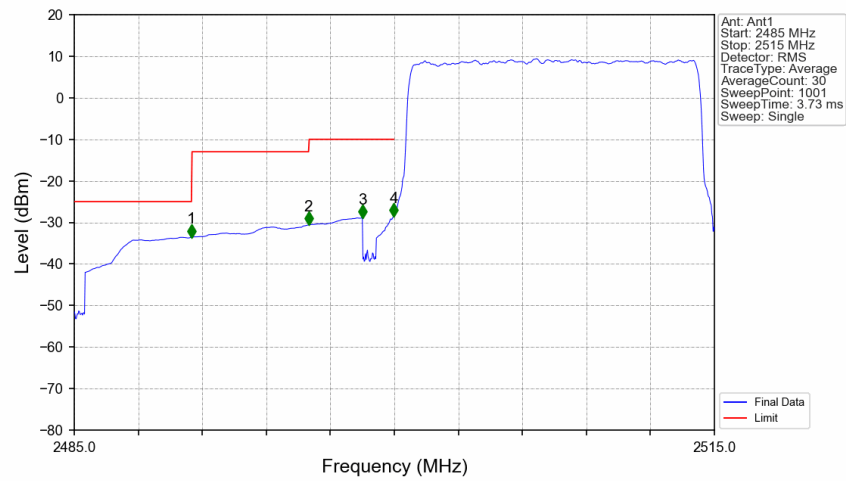
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



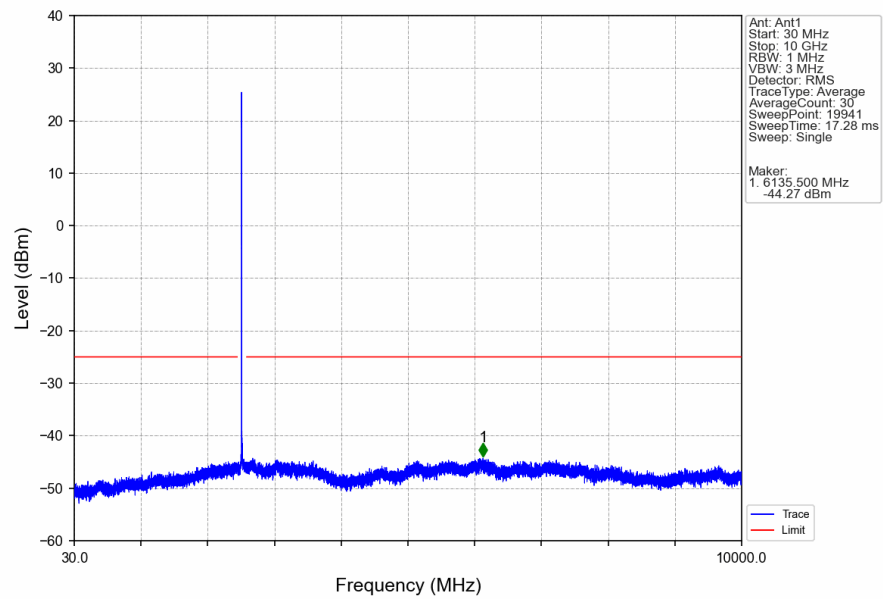
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



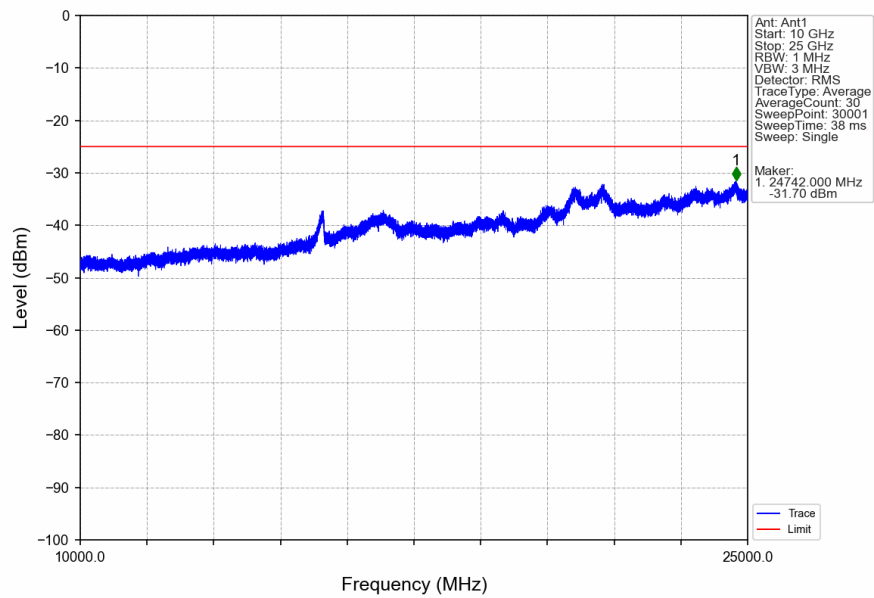
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



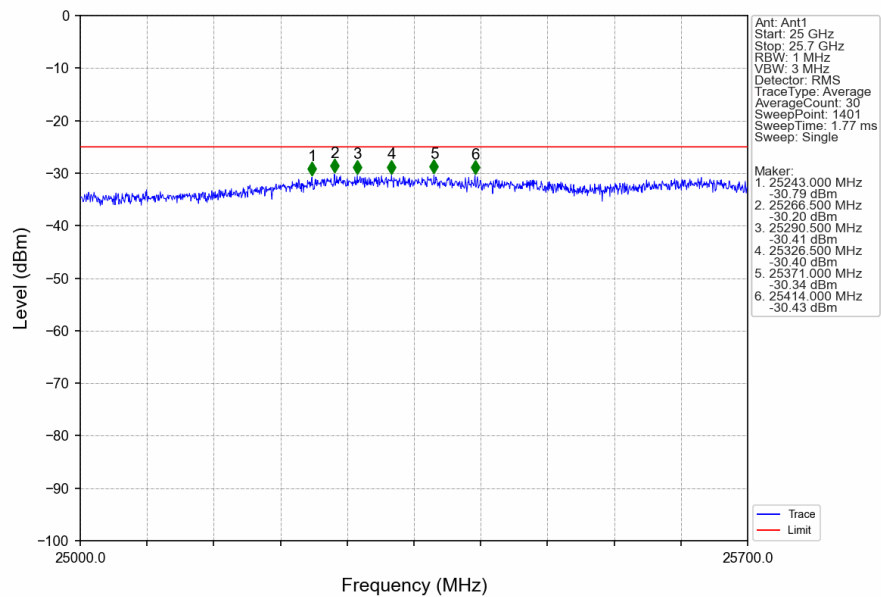
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



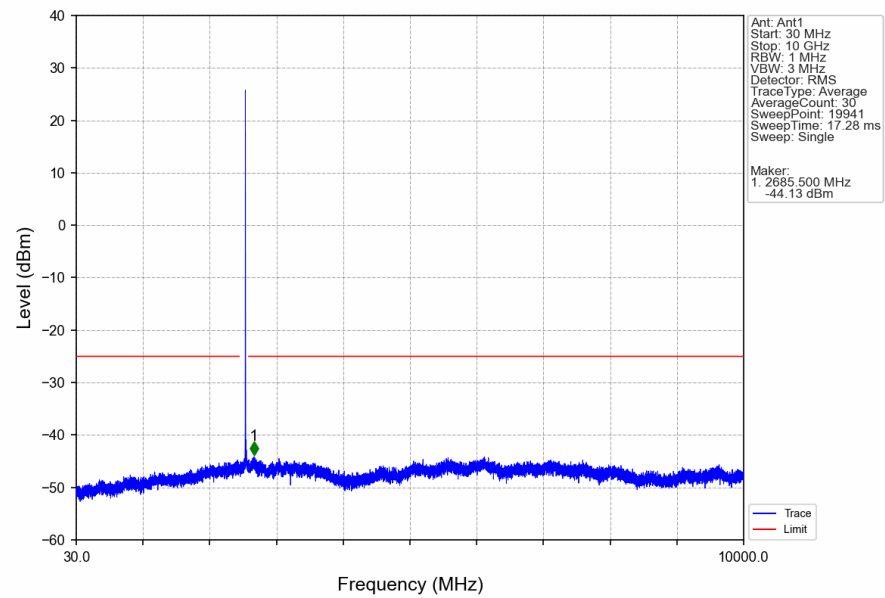
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



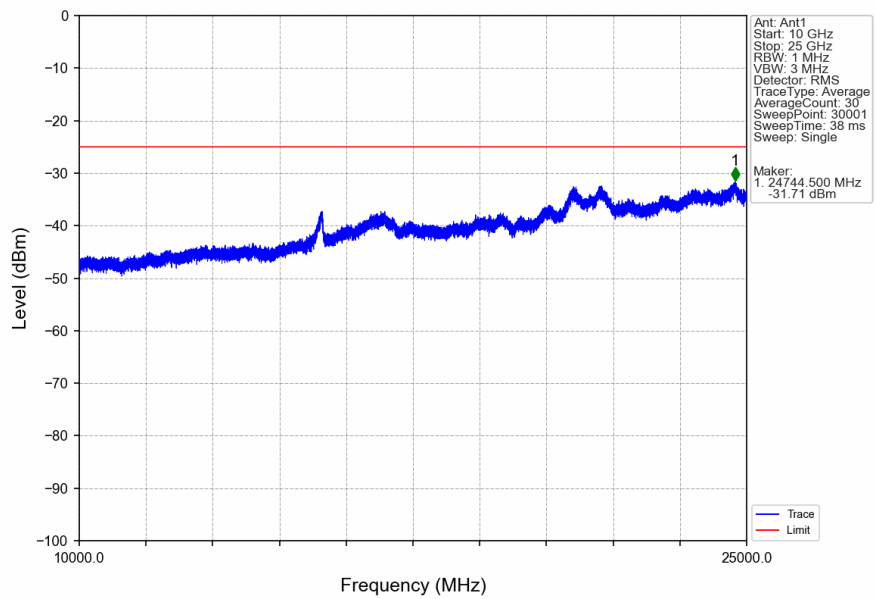
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

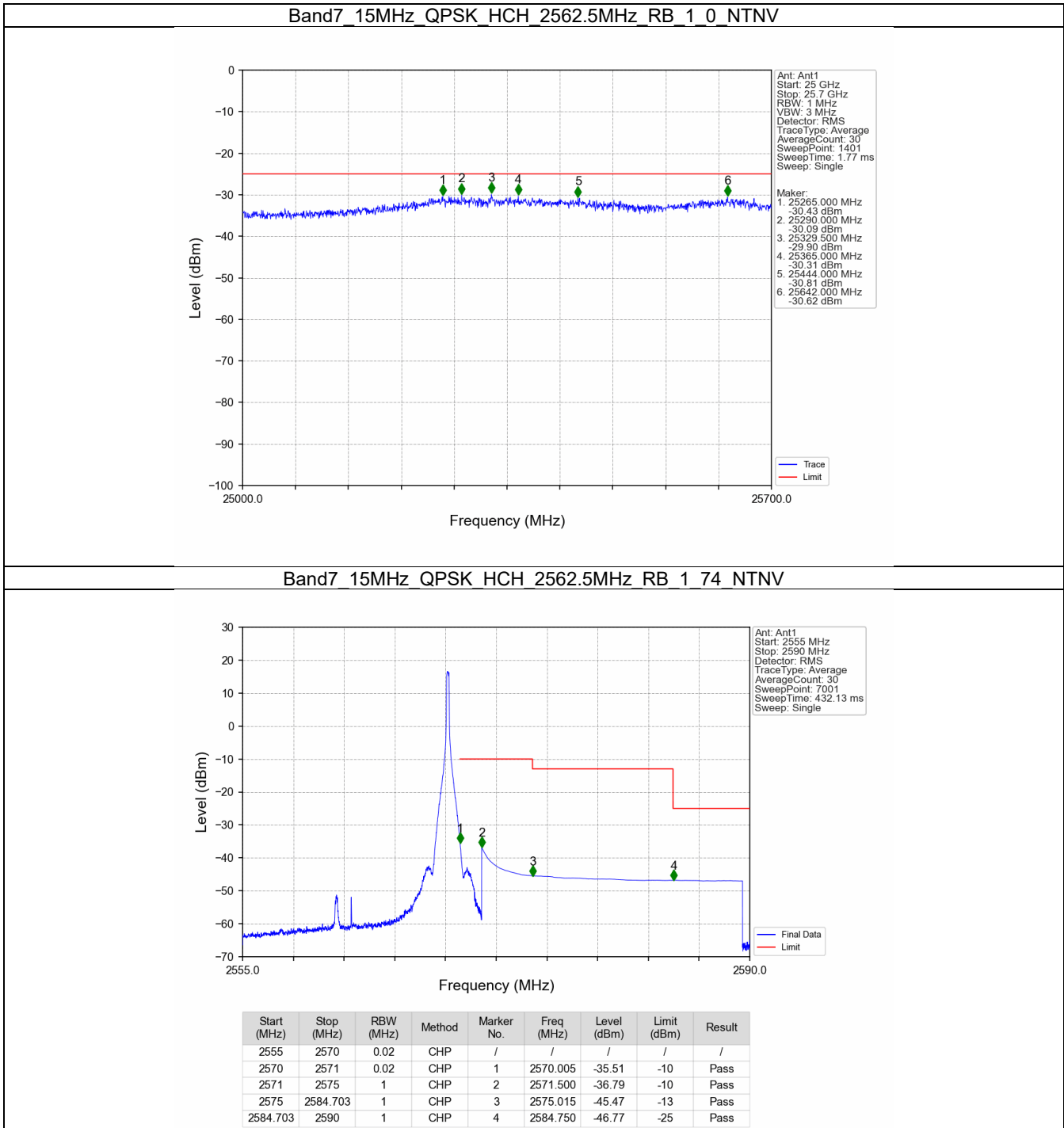


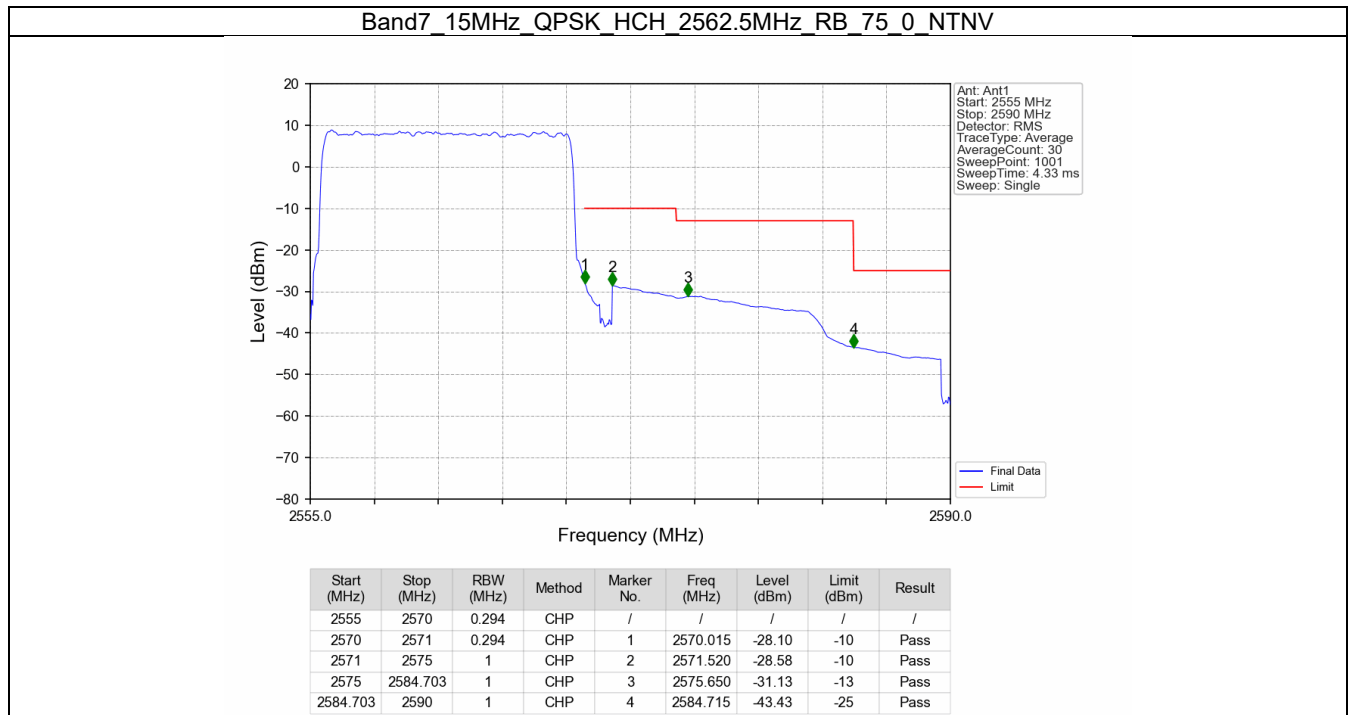
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV

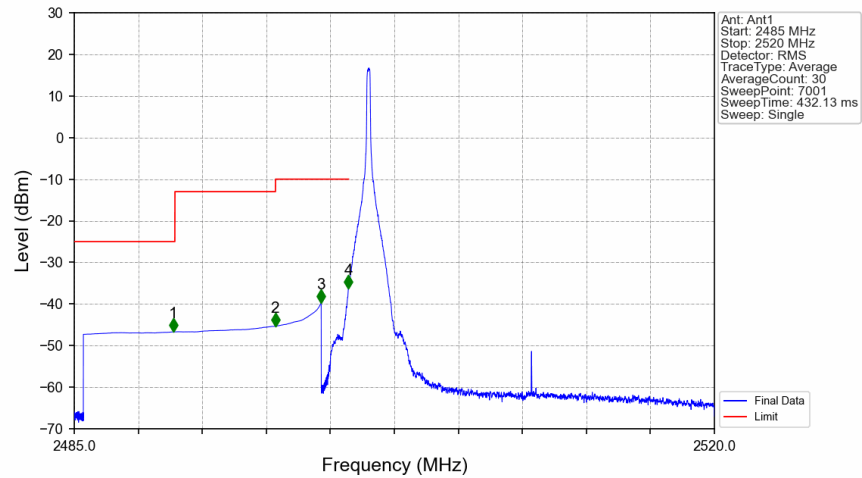






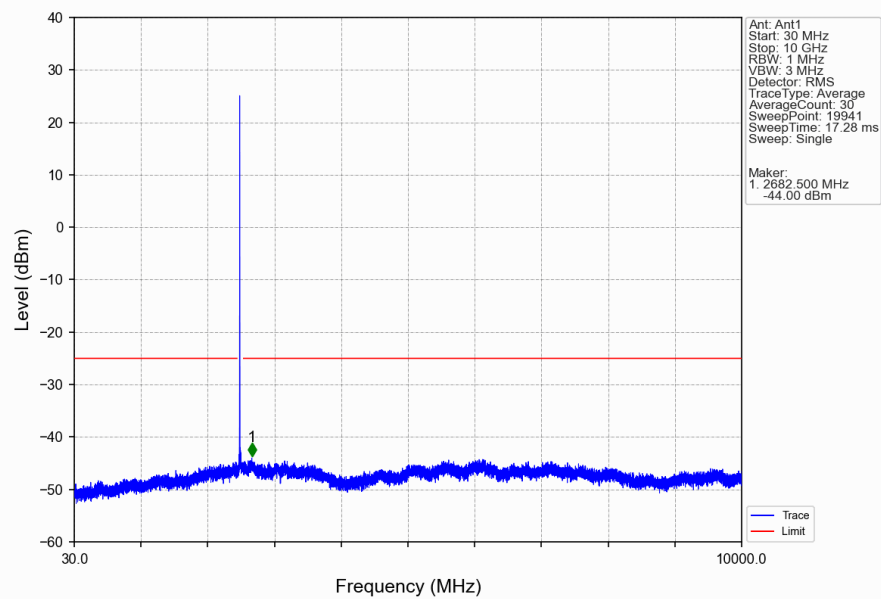
5.2.4 B7_20MHz

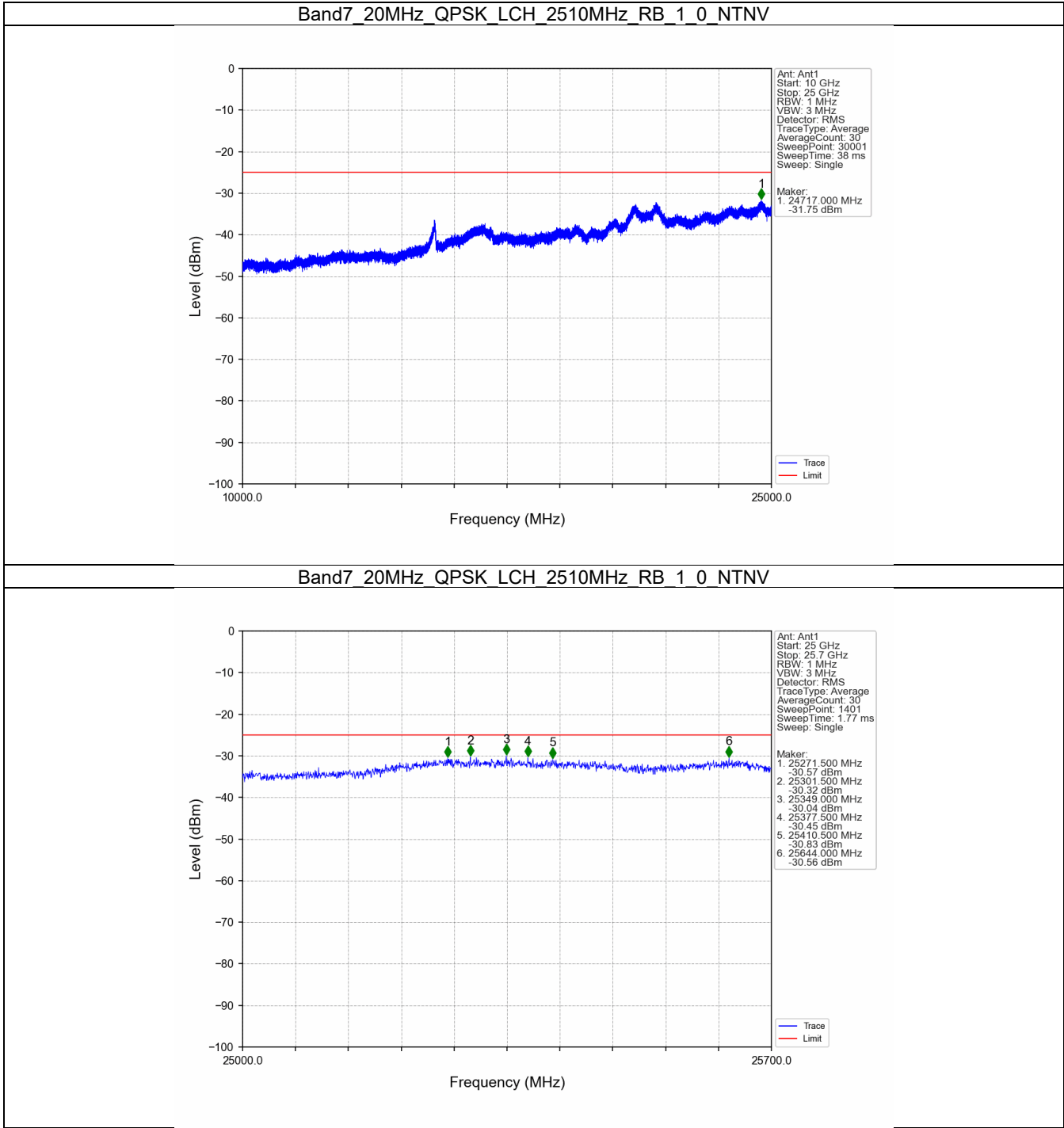
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



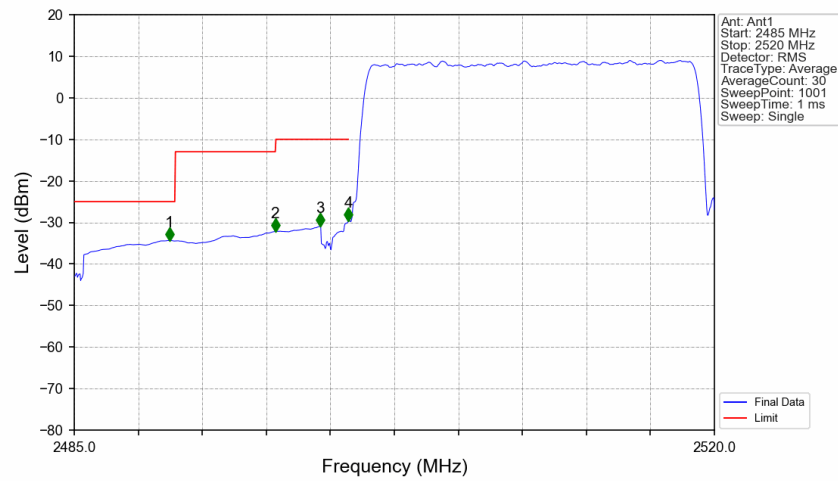
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.420	-46.71	-25	Pass
2490.5	2496	1	CHP	2	2495.990	-45.35	-13	Pass
2496	2499	1	CHP	3	2498.500	-39.63	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-36.30	-10	Pass
2500	2520	0.02	CHP	/	/	/	/	/

Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV

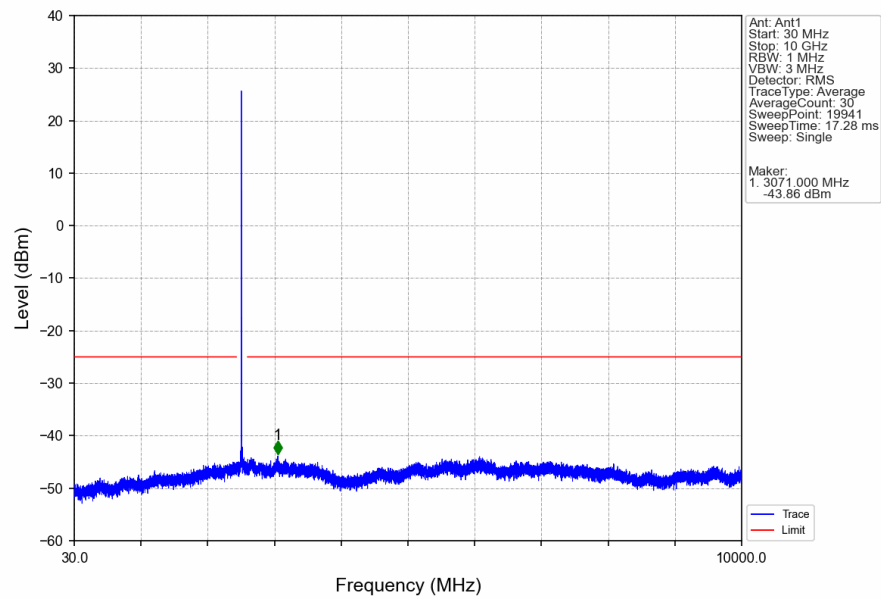




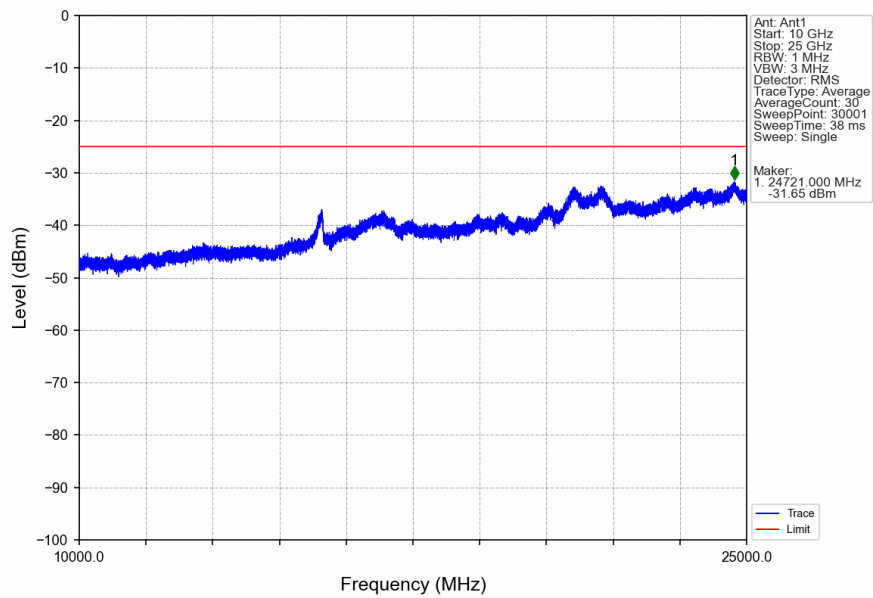
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



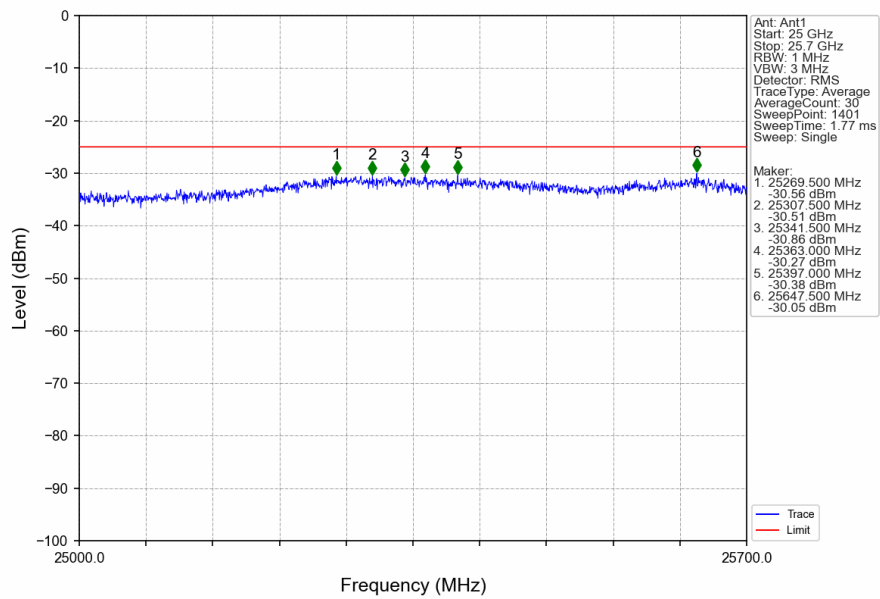
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



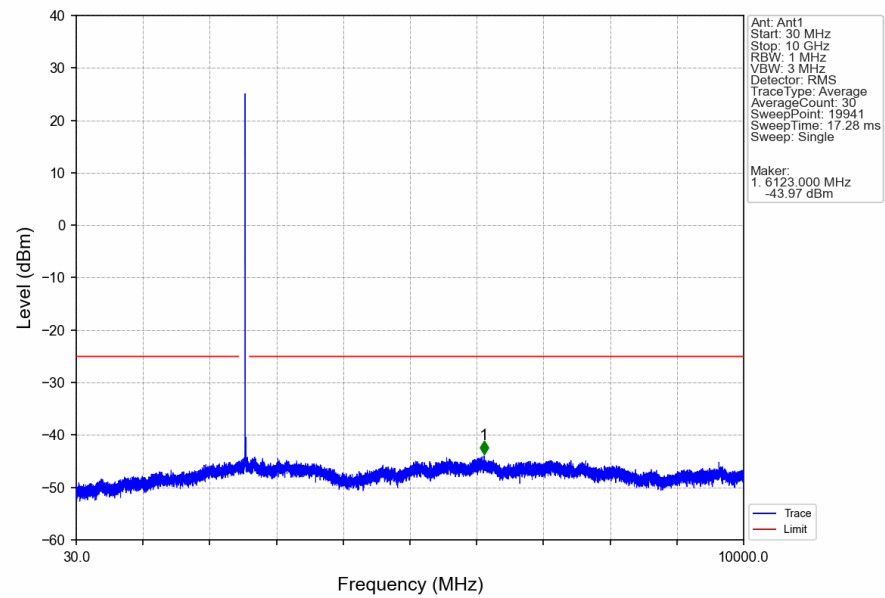
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



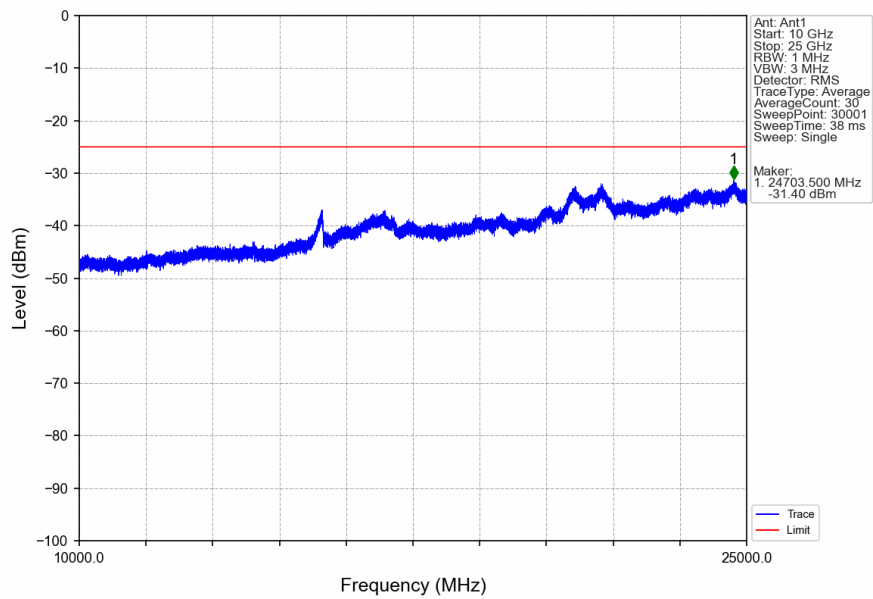
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



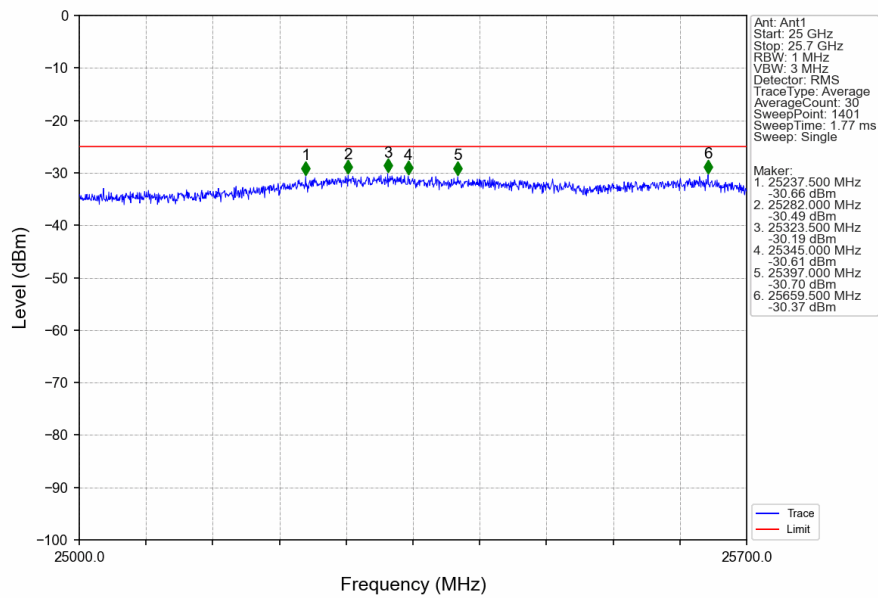
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



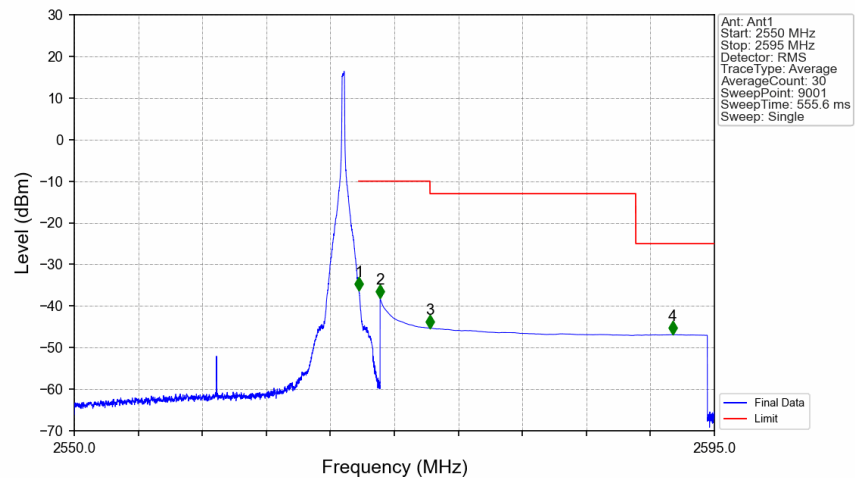
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



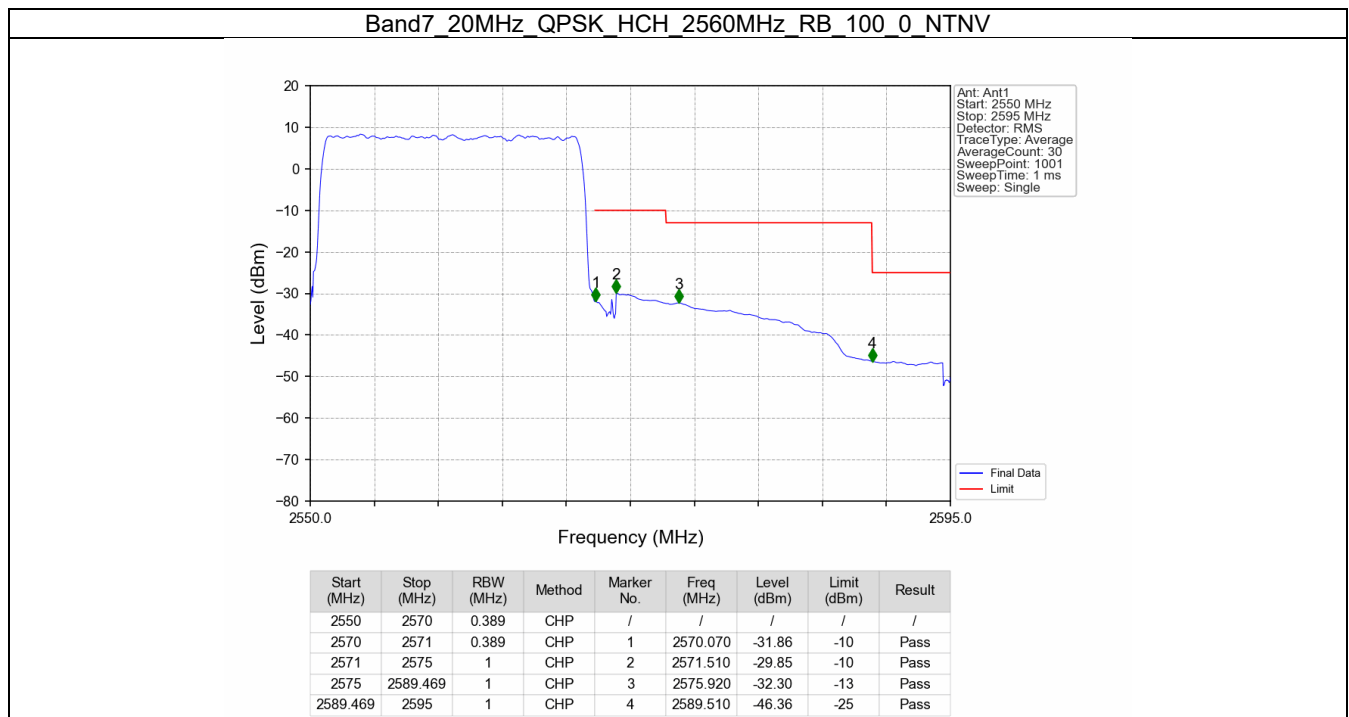
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



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	-36.20	-10	Pass
2571	2575	1	CHP	2	2571.500	-38.11	-10	Pass
2575	2589.469	1	CHP	3	2575.005	-45.33	-13	Pass
2589.469	2595	1	CHP	4	2592.050	-46.89	-25	Pass



---End of Attachment---