

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B7_5MHz_EIRP (ANT31)

Band: 7 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2502.5	1	0	23.13	0.16	23.29	<=33.01	Pass
			13	23.30	0.16	23.46	<=33.01	Pass
			24	23.19	0.16	23.35	<=33.01	Pass
		12	0	22.33	0.16	22.49	<=33.01	Pass
			6	22.34	0.16	22.50	<=33.01	Pass
			13	22.33	0.16	22.49	<=33.01	Pass
		25	0	22.32	0.16	22.48	<=33.01	Pass
	2535	1	0	23.21	0.16	23.37	<=33.01	Pass
			13	23.24	0.16	23.40	<=33.01	Pass
			24	23.07	0.16	23.23	<=33.01	Pass
		12	0	22.22	0.16	22.38	<=33.01	Pass
			6	22.23	0.16	22.39	<=33.01	Pass
			13	22.17	0.16	22.33	<=33.01	Pass
		25	0	22.25	0.16	22.41	<=33.01	Pass
	2567.5	1	0	23.18	0.16	23.34	<=33.01	Pass
			13	23.02	0.16	23.18	<=33.01	Pass
			24	23.04	0.16	23.20	<=33.01	Pass
		12	0	22.15	0.16	22.31	<=33.01	Pass
			6	22.13	0.16	22.29	<=33.01	Pass
			13	22.10	0.16	22.26	<=33.01	Pass
		25	0	22.16	0.16	22.32	<=33.01	Pass
16QAM	2502.5	1	0	22.51	0.16	22.67	<=33.01	Pass
			13	22.76	0.16	22.92	<=33.01	Pass
			24	22.74	0.16	22.90	<=33.01	Pass
		12	0	21.37	0.16	21.53	<=33.01	Pass
			6	21.44	0.16	21.60	<=33.01	Pass
			13	21.41	0.16	21.57	<=33.01	Pass
		25	0	21.38	0.16	21.54	<=33.01	Pass
	2535	1	0	22.57	0.16	22.73	<=33.01	Pass
			13	22.64	0.16	22.80	<=33.01	Pass
			24	22.42	0.16	22.58	<=33.01	Pass
		12	0	21.29	0.16	21.45	<=33.01	Pass
			6	21.29	0.16	21.45	<=33.01	Pass
			13	21.21	0.16	21.37	<=33.01	Pass
		25	0	21.24	0.16	21.40	<=33.01	Pass
	2567.5	1	0	22.39	0.16	22.55	<=33.01	Pass
			13	22.52	0.16	22.68	<=33.01	Pass
			24	22.37	0.16	22.53	<=33.01	Pass
		12	0	21.17	0.16	21.33	<=33.01	Pass
			6	21.16	0.16	21.32	<=33.01	Pass
			13	21.24	0.16	21.40	<=33.01	Pass
		25	0	21.13	0.16	21.29	<=33.01	Pass
64QAM	2502.5	1	0	22.51	0.16	22.67	<=33.01	Pass
			13	22.41	0.16	22.57	<=33.01	Pass
			24	22.36	0.16	22.52	<=33.01	Pass
		12	0	21.39	0.16	21.55	<=33.01	Pass
			6	21.41	0.16	21.57	<=33.01	Pass
			13	21.41	0.16	21.57	<=33.01	Pass
		25	0	21.33	0.16	21.49	<=33.01	Pass

	2535	1	0	22.49	0.16	22.65	<=33.01	Pass
			13	22.44	0.16	22.60	<=33.01	Pass
			24	22.37	0.16	22.53	<=33.01	Pass
		12	0	21.25	0.16	21.41	<=33.01	Pass
			6	21.37	0.16	21.53	<=33.01	Pass
			13	21.15	0.16	21.31	<=33.01	Pass
		25	0	21.30	0.16	21.46	<=33.01	Pass
			0	22.19	0.16	22.35	<=33.01	Pass
			13	22.25	0.16	22.41	<=33.01	Pass
	2567.5	1	24	22.20	0.16	22.36	<=33.01	Pass
			0	21.14	0.16	21.30	<=33.01	Pass
			6	21.24	0.16	21.40	<=33.01	Pass
		12	13	21.14	0.16	21.30	<=33.01	Pass
			0	21.19	0.16	21.35	<=33.01	Pass
			0	18.37	0.16	18.53	<=33.01	Pass
		25	13	18.49	0.16	18.65	<=33.01	Pass
			24	18.39	0.16	18.55	<=33.01	Pass
			0	18.32	0.16	18.48	<=33.01	Pass
256QAM	2502.5	1	6	18.47	0.16	18.63	<=33.01	Pass
			13	18.40	0.16	18.56	<=33.01	Pass
			0	18.41	0.16	18.57	<=33.01	Pass
		12	0	18.37	0.16	18.53	<=33.01	Pass
			13	18.29	0.16	18.45	<=33.01	Pass
			24	18.11	0.16	18.27	<=33.01	Pass
		25	0	18.29	0.16	18.45	<=33.01	Pass
			6	18.26	0.16	18.42	<=33.01	Pass
			13	18.28	0.16	18.44	<=33.01	Pass
	2535	1	0	18.22	0.16	18.38	<=33.01	Pass
			0	18.21	0.16	18.37	<=33.01	Pass
			13	18.25	0.16	18.41	<=33.01	Pass
		12	24	18.31	0.16	18.47	<=33.01	Pass
			0	18.23	0.16	18.39	<=33.01	Pass
			6	18.20	0.16	18.36	<=33.01	Pass
			13	18.19	0.16	18.35	<=33.01	Pass
		25	0	18.15	0.16	18.31	<=33.01	Pass
			0	18.15	0.16	18.31	<=33.01	Pass
			0	18.15	0.16	18.31	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B7_10MHz_EIRP (ANT31)

Band: 7 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	23.37	0.16	23.53	<=33.01	Pass
			25	23.36	0.16	23.52	<=33.01	Pass
			49	23.33	0.16	23.49	<=33.01	Pass
		25	0	22.43	0.16	22.59	<=33.01	Pass
			13	22.41	0.16	22.57	<=33.01	Pass
			25	22.37	0.16	22.53	<=33.01	Pass
		50	0	22.48	0.16	22.64	<=33.01	Pass
			0	23.23	0.16	23.39	<=33.01	Pass
			25	23.31	0.16	23.47	<=33.01	Pass
	2535	1	49	23.27	0.16	23.43	<=33.01	Pass
			0	22.27	0.16	22.43	<=33.01	Pass
			13	22.39	0.16	22.55	<=33.01	Pass
		25	25	22.22	0.16	22.38	<=33.01	Pass
			0	22.35	0.16	22.51	<=33.01	Pass
			0	23.13	0.16	23.29	<=33.01	Pass
		50	0	22.35	0.16	22.51	<=33.01	Pass
			0	22.35	0.16	22.51	<=33.01	Pass
			0	22.35	0.16	22.51	<=33.01	Pass

		25	25	23.08	0.16	23.24	<=33.01	Pass
			49	23.01	0.16	23.17	<=33.01	Pass
			0	22.17	0.16	22.33	<=33.01	Pass
			13	22.19	0.16	22.35	<=33.01	Pass
			25	22.18	0.16	22.34	<=33.01	Pass
16QAM	2505	1	0	22.14	0.16	22.30	<=33.01	Pass
			0	22.48	0.16	22.64	<=33.01	Pass
			25	22.83	0.16	22.99	<=33.01	Pass
		25	49	22.58	0.16	22.74	<=33.01	Pass
			0	21.40	0.16	21.56	<=33.01	Pass
			13	21.36	0.16	21.52	<=33.01	Pass
			25	21.40	0.16	21.56	<=33.01	Pass
		50	0	21.38	0.16	21.54	<=33.01	Pass
			0	22.20	0.16	22.36	<=33.01	Pass
			25	22.50	0.16	22.66	<=33.01	Pass
	2535	1	49	22.63	0.16	22.79	<=33.01	Pass
			0	21.31	0.16	21.47	<=33.01	Pass
			13	21.34	0.16	21.50	<=33.01	Pass
		25	25	21.32	0.16	21.48	<=33.01	Pass
			0	21.34	0.16	21.50	<=33.01	Pass
			0	22.29	0.16	22.45	<=33.01	Pass
		1	25	22.36	0.16	22.52	<=33.01	Pass
			49	22.29	0.16	22.45	<=33.01	Pass
			0	21.21	0.16	21.37	<=33.01	Pass
		25	13	21.23	0.16	21.39	<=33.01	Pass
			25	21.15	0.16	21.31	<=33.01	Pass
64QAM	2505	1	0	21.19	0.16	21.35	<=33.01	Pass
			0	22.43	0.16	22.59	<=33.01	Pass
			25	22.51	0.16	22.67	<=33.01	Pass
		25	49	22.48	0.16	22.64	<=33.01	Pass
			0	21.38	0.16	21.54	<=33.01	Pass
			13	21.38	0.16	21.54	<=33.01	Pass
		50	25	21.27	0.16	21.43	<=33.01	Pass
			0	21.28	0.16	21.44	<=33.01	Pass
			0	22.30	0.16	22.46	<=33.01	Pass
	2535	1	25	22.37	0.16	22.53	<=33.01	Pass
			49	22.20	0.16	22.36	<=33.01	Pass
			0	21.30	0.16	21.46	<=33.01	Pass
		25	13	21.34	0.16	21.50	<=33.01	Pass
			25	21.18	0.16	21.34	<=33.01	Pass
			0	21.35	0.16	21.51	<=33.01	Pass
		50	0	22.12	0.16	22.28	<=33.01	Pass
			25	22.29	0.16	22.45	<=33.01	Pass
			49	22.26	0.16	22.42	<=33.01	Pass
	2565	1	0	21.22	0.16	21.38	<=33.01	Pass
			13	21.23	0.16	21.39	<=33.01	Pass
			25	21.15	0.16	21.31	<=33.01	Pass
256QAM	2505	1	0	21.19	0.16	21.35	<=33.01	Pass
			0	18.42	0.16	18.58	<=33.01	Pass
			25	18.44	0.16	18.60	<=33.01	Pass
		25	49	18.31	0.16	18.47	<=33.01	Pass
			0	18.46	0.16	18.62	<=33.01	Pass
			13	18.44	0.16	18.60	<=33.01	Pass
		50	25	18.34	0.16	18.50	<=33.01	Pass
			0	18.41	0.16	18.57	<=33.01	Pass
	2535	1	0	18.46	0.16	18.62	<=33.01	Pass
			25	18.37	0.16	18.53	<=33.01	Pass
			49	18.31	0.16	18.47	<=33.01	Pass
		25	0	18.32	0.16	18.48	<=33.01	Pass

			13	18.26	0.16	18.42	<=33.01	Pass
			25	18.30	0.16	18.46	<=33.01	Pass
		50	0	18.26	0.16	18.42	<=33.01	Pass
	2565	1	0	18.26	0.16	18.42	<=33.01	Pass
			25	18.29	0.16	18.45	<=33.01	Pass
			49	18.25	0.16	18.41	<=33.01	Pass
		25	0	18.20	0.16	18.36	<=33.01	Pass
			13	18.25	0.16	18.41	<=33.01	Pass
			25	18.17	0.16	18.33	<=33.01	Pass
		50	0	18.20	0.16	18.36	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B7_15MHz_EIRP (ANT31)

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	23.05	0.16	23.21	<=33.01	Pass
			38	23.24	0.16	23.40	<=33.01	Pass
			74	23.14	0.16	23.30	<=33.01	Pass
		36	0	22.25	0.16	22.41	<=33.01	Pass
			18	22.21	0.16	22.37	<=33.01	Pass
			39	22.19	0.16	22.35	<=33.01	Pass
		75	0	22.27	0.16	22.43	<=33.01	Pass
	2535	1	0	23.01	0.16	23.17	<=33.01	Pass
			38	22.97	0.16	23.13	<=33.01	Pass
			74	23.01	0.16	23.17	<=33.01	Pass
		36	0	22.19	0.16	22.35	<=33.01	Pass
			18	22.13	0.16	22.29	<=33.01	Pass
			39	22.18	0.16	22.34	<=33.01	Pass
		75	0	22.20	0.16	22.36	<=33.01	Pass
	2562.5	1	0	22.95	0.16	23.11	<=33.01	Pass
			38	22.98	0.16	23.14	<=33.01	Pass
			74	22.90	0.16	23.06	<=33.01	Pass
		36	0	22.05	0.16	22.21	<=33.01	Pass
			18	21.99	0.16	22.15	<=33.01	Pass
			39	22.01	0.16	22.17	<=33.01	Pass
		75	0	22.05	0.16	22.21	<=33.01	Pass
16QAM	2507.5	1	0	22.37	0.16	22.53	<=33.01	Pass
			38	22.42	0.16	22.58	<=33.01	Pass
			74	22.38	0.16	22.54	<=33.01	Pass
		36	0	21.35	0.16	21.51	<=33.01	Pass
			18	21.28	0.16	21.44	<=33.01	Pass
			39	21.26	0.16	21.42	<=33.01	Pass
		75	0	21.24	0.16	21.40	<=33.01	Pass
	2535	1	0	22.37	0.16	22.53	<=33.01	Pass
			38	22.15	0.16	22.31	<=33.01	Pass
			74	22.32	0.16	22.48	<=33.01	Pass
		36	0	21.16	0.16	21.32	<=33.01	Pass
			18	21.22	0.16	21.38	<=33.01	Pass
			39	21.12	0.16	21.28	<=33.01	Pass
		75	0	21.18	0.16	21.34	<=33.01	Pass
	2562.5	1	0	22.41	0.16	22.57	<=33.01	Pass
			38	22.32	0.16	22.48	<=33.01	Pass
			74	22.12	0.16	22.28	<=33.01	Pass
		36	0	21.14	0.16	21.30	<=33.01	Pass
			18	21.12	0.16	21.28	<=33.01	Pass

			39	20.97	0.16	21.13	<=33.01	Pass	
		75	0	21.13	0.16	21.29	<=33.01	Pass	
64QAM	2507.5	1	0	22.53	0.16	22.69	<=33.01	Pass	
			38	22.18	0.16	22.34	<=33.01	Pass	
			74	22.38	0.16	22.54	<=33.01	Pass	
			0	21.35	0.16	21.51	<=33.01	Pass	
		36	18	21.24	0.16	21.40	<=33.01	Pass	
			39	21.13	0.16	21.29	<=33.01	Pass	
			75	0	21.13	0.16	21.29	<=33.01	Pass
		2535	1	0	22.21	0.16	22.37	<=33.01	Pass
				38	22.06	0.16	22.22	<=33.01	Pass
				74	22.15	0.16	22.31	<=33.01	Pass
	0			21.25	0.16	21.41	<=33.01	Pass	
	36		18	21.21	0.16	21.37	<=33.01	Pass	
			39	21.05	0.16	21.21	<=33.01	Pass	
			75	0	21.28	0.16	21.44	<=33.01	Pass
	2562.5	1	0	22.11	0.16	22.27	<=33.01	Pass	
			38	22.10	0.16	22.26	<=33.01	Pass	
			74	21.96	0.16	22.12	<=33.01	Pass	
			0	21.10	0.16	21.26	<=33.01	Pass	
		36	18	21.02	0.16	21.18	<=33.01	Pass	
			39	21.05	0.16	21.21	<=33.01	Pass	
			75	0	21.05	0.16	21.21	<=33.01	Pass
		256QAM	2507.5	1	0	18.34	0.16	18.50	<=33.01
	38				18.43	0.16	18.59	<=33.01	Pass
74	18.35				0.16	18.51	<=33.01	Pass	
36	0			18.25	0.16	18.41	<=33.01	Pass	
	18			18.29	0.16	18.45	<=33.01	Pass	
	39			18.24	0.16	18.40	<=33.01	Pass	
	75			0	18.27	0.16	18.43	<=33.01	Pass
2535	1		0	18.27	0.16	18.43	<=33.01	Pass	
			38	18.16	0.16	18.32	<=33.01	Pass	
			74	18.19	0.16	18.35	<=33.01	Pass	
	36		0	18.18	0.16	18.34	<=33.01	Pass	
			18	18.22	0.16	18.38	<=33.01	Pass	
			39	18.17	0.16	18.33	<=33.01	Pass	
2562.5	1		0	18.19	0.16	18.35	<=33.01	Pass	
			0	18.25	0.16	18.41	<=33.01	Pass	
			38	17.92	0.16	18.08	<=33.01	Pass	
	36		74	17.98	0.16	18.14	<=33.01	Pass	
			0	18.16	0.16	18.32	<=33.01	Pass	
			18	18.10	0.16	18.26	<=33.01	Pass	
			39	18.06	0.16	18.22	<=33.01	Pass	
	75		0	18.12	0.16	18.28	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B7_20MHz_EIRP (ANT31)

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	23.09	0.16	23.25	<=33.01	Pass
			50	23.18	0.16	23.34	<=33.01	Pass
			99	23.04	0.16	23.20	<=33.01	Pass
		50	0	22.38	0.16	22.54	<=33.01	Pass
			25	22.19	0.16	22.35	<=33.01	Pass
			50	22.25	0.16	22.41	<=33.01	Pass

		100	0	22.20	0.16	22.36	<=33.01	Pass
		2535	1	0	23.07	0.16	23.23	<=33.01
				50	23.00	0.16	23.16	<=33.01
				99	22.99	0.16	23.15	<=33.01
			50	0	22.26	0.16	22.42	<=33.01
				25	22.22	0.16	22.38	<=33.01
				50	22.15	0.16	22.31	<=33.01
		100	0	22.28	0.16	22.44	<=33.01	Pass
		2560	1	0	23.00	0.16	23.16	<=33.01
				50	22.93	0.16	23.09	<=33.01
				99	22.86	0.16	23.02	<=33.01
			50	0	22.05	0.16	22.21	<=33.01
				25	22.09	0.16	22.25	<=33.01
				50	21.88	0.16	22.04	<=33.01
		100	0	22.12	0.16	22.28	<=33.01	Pass
16QAM	2510	1	0	22.50	0.16	22.66	<=33.01	Pass
			50	22.61	0.16	22.77	<=33.01	Pass
			99	22.45	0.16	22.61	<=33.01	Pass
			0	21.43	0.16	21.59	<=33.01	Pass
		50	25	21.27	0.16	21.43	<=33.01	Pass
			50	21.25	0.16	21.41	<=33.01	Pass
		100	0	21.20	0.16	21.36	<=33.01	Pass
	2535	1	0	22.86	0.16	23.02	<=33.01	Pass
			50	22.29	0.16	22.45	<=33.01	Pass
			99	22.23	0.16	22.39	<=33.01	Pass
		50	0	21.20	0.16	21.36	<=33.01	Pass
			25	21.25	0.16	21.41	<=33.01	Pass
			50	21.13	0.16	21.29	<=33.01	Pass
		100	0	21.26	0.16	21.42	<=33.01	Pass
	2560	1	0	22.41	0.16	22.57	<=33.01	Pass
			50	22.39	0.16	22.55	<=33.01	Pass
			99	22.07	0.16	22.23	<=33.01	Pass
		50	0	21.13	0.16	21.29	<=33.01	Pass
			25	21.08	0.16	21.24	<=33.01	Pass
			50	21.04	0.16	21.20	<=33.01	Pass
		100	0	21.23	0.16	21.39	<=33.01	Pass
64QAM	2510	1	0	22.32	0.16	22.48	<=33.01	Pass
			50	22.18	0.16	22.34	<=33.01	Pass
			99	22.21	0.16	22.37	<=33.01	Pass
			0	21.33	0.16	21.49	<=33.01	Pass
		50	25	21.26	0.16	21.42	<=33.01	Pass
			50	21.22	0.16	21.38	<=33.01	Pass
		100	0	21.19	0.16	21.35	<=33.01	Pass
	2535	1	0	22.18	0.16	22.34	<=33.01	Pass
			50	22.15	0.16	22.31	<=33.01	Pass
			99	22.15	0.16	22.31	<=33.01	Pass
		50	0	21.24	0.16	21.40	<=33.01	Pass
			25	21.22	0.16	21.38	<=33.01	Pass
			50	21.11	0.16	21.27	<=33.01	Pass
		100	0	21.25	0.16	21.41	<=33.01	Pass
	2560	1	0	22.18	0.16	22.34	<=33.01	Pass
			50	22.07	0.16	22.23	<=33.01	Pass
			99	22.09	0.16	22.25	<=33.01	Pass
		50	0	21.07	0.16	21.23	<=33.01	Pass
			25	21.14	0.16	21.30	<=33.01	Pass
			50	21.01	0.16	21.17	<=33.01	Pass
		100	0	20.98	0.16	21.14	<=33.01	Pass
256QAM	2510	1	0	18.66	0.16	18.82	<=33.01	Pass
			50	17.09	0.16	17.25	<=33.01	Pass

			99	18.38	0.16	18.54	<=33.01	Pass
		50	0	18.35	0.16	18.51	<=33.01	Pass
			25	18.21	0.16	18.37	<=33.01	Pass
			50	18.30	0.16	18.46	<=33.01	Pass
		100	0	18.39	0.16	18.55	<=33.01	Pass
	2535	1	0	18.18	0.16	18.34	<=33.01	Pass
			50	18.23	0.16	18.39	<=33.01	Pass
			99	17.85	0.16	18.01	<=33.01	Pass
		50	0	18.40	0.16	18.56	<=33.01	Pass
			25	18.26	0.16	18.42	<=33.01	Pass
			50	17.85	0.16	18.01	<=33.01	Pass
		100	0	18.20	0.16	18.36	<=33.01	Pass
	2560	1	0	18.53	0.16	18.69	<=33.01	Pass
			50	18.14	0.16	18.30	<=33.01	Pass
			99	18.36	0.16	18.52	<=33.01	Pass
		50	0	17.35	0.16	17.51	<=33.01	Pass
			25	18.16	0.16	18.32	<=33.01	Pass
			50	18.00	0.16	18.16	<=33.01	Pass
		100	0	18.22	0.16	18.38	<=33.01	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							

2. Frequency Stability

2.1 Test Result

2.1.1 B7_20MHz

Band: 7 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2510	100	0	20	3.7	-0.400	-0.0002	/	Pass
					3.91	-1.100	-0.0004	/	Pass
					4.4	-0.200	-0.0001	/	Pass
				-30	3.91	-1.300	-0.0005	/	Pass
				-20	3.91	0.800	0.0003	/	Pass
				-10	3.91	-0.700	-0.0003	/	Pass
				0	3.91	-1.800	-0.0007	/	Pass
				10	3.91	-1.400	-0.0006	/	Pass
				30	3.91	-0.100	0.0000	/	Pass
				40	3.91	-0.500	-0.0002	/	Pass
				50	3.91	-1.200	-0.0005	/	Pass
	2535	100	0	20	3.7	1.100	0.0004	/	Pass
					3.91	-0.600	-0.0002	/	Pass
					4.4	1.000	0.0004	/	Pass
				-30	3.91	0.100	0.0000	/	Pass
				-20	3.91	0.600	0.0002	/	Pass
				-10	3.91	-1.300	-0.0005	/	Pass
				0	3.91	-1.900	-0.0007	/	Pass
				10	3.91	-0.300	-0.0001	/	Pass
				30	3.91	-0.100	0.0000	/	Pass
				40	3.91	1.800	0.0007	/	Pass
				50	3.91	0.100	0.0000	/	Pass
	2560	100	0	20	3.7	-0.900	-0.0004	/	Pass
					3.91	-1.900	-0.0007	/	Pass
					4.4	-0.900	-0.0004	/	Pass
				-30	3.91	-0.100	0.0000	/	Pass

				-20	3.91	-1.700	-0.0007	/	Pass
				-10	3.91	-1.900	-0.0007	/	Pass
				0	3.91	0.700	0.0003	/	Pass
				10	3.91	-2.500	-0.0010	/	Pass
				30	3.91	-3.000	-0.0012	/	Pass
				40	3.91	-3.000	-0.0012	/	Pass
				50	3.91	-2.500	-0.0010	/	Pass
16QAM	2510	100	0	20	3.7	0.200	0.0001	/	Pass
					3.91	0.500	0.0002	/	Pass
					4.4	-1.300	-0.0005	/	Pass
				-30	3.91	-1.200	-0.0005	/	Pass
				-20	3.91	1.600	0.0006	/	Pass
				-10	3.91	0.300	0.0001	/	Pass
				0	3.91	1.700	0.0007	/	Pass
				10	3.91	-1.200	-0.0005	/	Pass
				30	3.91	0.700	0.0003	/	Pass
				40	3.91	-2.900	-0.0012	/	Pass
				50	3.91	-0.600	-0.0002	/	Pass
	2535	100	0	20	3.7	-1.300	-0.0005	/	Pass
					3.91	0.500	0.0002	/	Pass
					4.4	0.500	0.0002	/	Pass
				-30	3.91	-0.300	-0.0001	/	Pass
				-20	3.91	-1.300	-0.0005	/	Pass
				-10	3.91	0.000	0.0000	/	Pass
				0	3.91	0.500	0.0002	/	Pass
				10	3.91	-2.400	-0.0009	/	Pass
				30	3.91	-0.900	-0.0004	/	Pass
				40	3.91	-0.800	-0.0003	/	Pass
				50	3.91	-0.500	-0.0002	/	Pass
	2560	100	0	20	3.7	-0.900	-0.0004	/	Pass
					3.91	0.100	0.0000	/	Pass
					4.4	-1.700	-0.0007	/	Pass
				-30	3.91	0.200	0.0001	/	Pass
				-20	3.91	-3.600	-0.0014	/	Pass
				-10	3.91	-4.400	-0.0017	/	Pass
				0	3.91	-1.700	-0.0007	/	Pass
				10	3.91	-1.900	-0.0007	/	Pass
				30	3.91	0.500	0.0002	/	Pass
				40	3.91	-1.900	-0.0007	/	Pass
				50	3.91	-1.800	-0.0007	/	Pass
64QAM	2510	100	0	20	3.7	-0.500	-0.0002	/	Pass
					3.91	-8.100	-0.0032	/	Pass
					4.4	7.900	0.0031	/	Pass
				-30	3.91	-12.500	-0.0050	/	Pass
				-20	3.91	10.900	0.0043	/	Pass
				-10	3.91	8.000	0.0032	/	Pass
				0	3.91	0.200	0.0001	/	Pass
				10	3.91	-3.300	-0.0013	/	Pass
				30	3.91	-10.900	-0.0043	/	Pass
				40	3.91	2.500	0.0010	/	Pass
				50	3.91	9.600	0.0038	/	Pass
	2535	100	0	20	3.7	3.100	0.0012	/	Pass
					3.91	-4.300	-0.0017	/	Pass
					4.4	-1.700	-0.0007	/	Pass
				-30	3.91	-11.800	-0.0047	/	Pass
				-20	3.91	1.800	0.0007	/	Pass
				-10	3.91	-7.800	-0.0031	/	Pass
				0	3.91	4.800	0.0019	/	Pass
				10	3.91	4.400	0.0017	/	Pass

				30	3.91	14.500	0.0057	/	Pass
				40	3.91	4.200	0.0017	/	Pass
				50	3.91	2.600	0.0010	/	Pass
	2560	100	0	20	3.7	-9.300	-0.0036	/	Pass
					3.91	-2.500	-0.0010	/	Pass
					4.4	11.300	0.0044	/	Pass
				-30	3.91	-9.200	-0.0036	/	Pass
				-20	3.91	0.100	0.0000	/	Pass
				-10	3.91	-11.100	-0.0043	/	Pass
				0	3.91	-4.300	-0.0017	/	Pass
				10	3.91	-2.500	-0.0010	/	Pass
				30	3.91	-6.800	-0.0027	/	Pass
				40	3.91	10.000	0.0039	/	Pass
				50	3.91	4.200	0.0016	/	Pass
256QAM	2510	100	0	20	3.7	1.200	0.0005	/	Pass
					3.91	-0.400	-0.0002	/	Pass
					4.4	-0.400	-0.0002	/	Pass
				-30	3.91	-0.700	-0.0003	/	Pass
				-20	3.91	0.700	0.0003	/	Pass
				-10	3.91	-0.800	-0.0003	/	Pass
				0	3.91	-0.200	-0.0001	/	Pass
				10	3.91	-0.100	0.0000	/	Pass
				30	3.91	0.300	0.0001	/	Pass
				40	3.91	-0.500	-0.0002	/	Pass
				50	3.91	-0.700	-0.0003	/	Pass
	2535	100	0	20	3.7	0.100	0.0000	/	Pass
					3.91	-1.900	-0.0007	/	Pass
					4.4	-0.500	-0.0002	/	Pass
				-30	3.91	-1.500	-0.0006	/	Pass
				-20	3.91	2.000	0.0008	/	Pass
				-10	3.91	1.000	0.0004	/	Pass
				0	3.91	0.100	0.0000	/	Pass
				10	3.91	1.300	0.0005	/	Pass
				30	3.91	3.600	0.0014	/	Pass
				40	3.91	1.200	0.0005	/	Pass
				50	3.91	0.700	0.0003	/	Pass
	2560	100	0	20	3.7	-1.800	-0.0007	/	Pass
					3.91	-1.100	-0.0004	/	Pass
					4.4	0.000	0.0000	/	Pass
				-30	3.91	-2.200	-0.0009	/	Pass
				-20	3.91	0.800	0.0003	/	Pass
				-10	3.91	-1.200	-0.0005	/	Pass
				0	3.91	-0.900	-0.0004	/	Pass
				10	3.91	-1.600	-0.0006	/	Pass
				30	3.91	-1.500	-0.0006	/	Pass
				40	3.91	0.000	0.0000	/	Pass
				50	3.91	-0.800	-0.0003	/	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

Band: 7 / NTN					
Bandwidth (MHz)	Modulation	Frequency	RB Allocation	99% Occupied Bandwidth (MHz)	Verdict

		(MHz)	Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.571	/	Pass
		2535	25	0	4.577	/	Pass
		2567.5	25	0	4.560	/	Pass
	16QAM	2502.5	25	0	4.566	/	Pass
		2535	25	0	4.566	/	Pass
		2567.5	25	0	4.558	/	Pass
	64QAM	2502.5	25	0	4.551	/	Pass
		2535	25	0	4.562	/	Pass
		2567.5	25	0	4.547	/	Pass
	256QAM	2502.5	25	0	4.560	/	Pass
		2535	25	0	4.554	/	Pass
		2567.5	25	0	4.559	/	Pass
10	QPSK	2505	50	0	9.104	/	Pass
		2535	50	0	9.088	/	Pass
		2565	50	0	9.076	/	Pass
	16QAM	2505	50	0	9.059	/	Pass
		2535	50	0	9.088	/	Pass
		2565	50	0	9.083	/	Pass
	64QAM	2505	50	0	9.086	/	Pass
		2535	50	0	9.085	/	Pass
		2565	50	0	9.078	/	Pass
	256QAM	2505	50	0	9.049	/	Pass
		2535	50	0	9.093	/	Pass
		2565	50	0	9.058	/	Pass
15	QPSK	2507.5	75	0	13.611	/	Pass
		2535	75	0	13.604	/	Pass
		2562.5	75	0	13.604	/	Pass
	16QAM	2507.5	75	0	13.596	/	Pass
		2535	75	0	13.553	/	Pass
		2562.5	75	0	13.582	/	Pass
	64QAM	2507.5	75	0	13.619	/	Pass
		2535	75	0	13.572	/	Pass
		2562.5	75	0	13.546	/	Pass
	256QAM	2507.5	75	0	13.610	/	Pass
		2535	75	0	13.555	/	Pass
		2562.5	75	0	13.562	/	Pass
20	QPSK	2510	100	0	18.162	/	Pass
		2535	100	0	18.067	/	Pass
		2560	100	0	18.104	/	Pass
	16QAM	2510	100	0	18.151	/	Pass
		2535	100	0	18.060	/	Pass
		2560	100	0	18.100	/	Pass
	64QAM	2510	100	0	18.181	/	Pass
		2535	100	0	18.070	/	Pass
		2560	100	0	18.060	/	Pass
	256QAM	2510	100	0	18.167	/	Pass
		2535	100	0	18.112	/	Pass
		2560	100	0	18.083	/	Pass

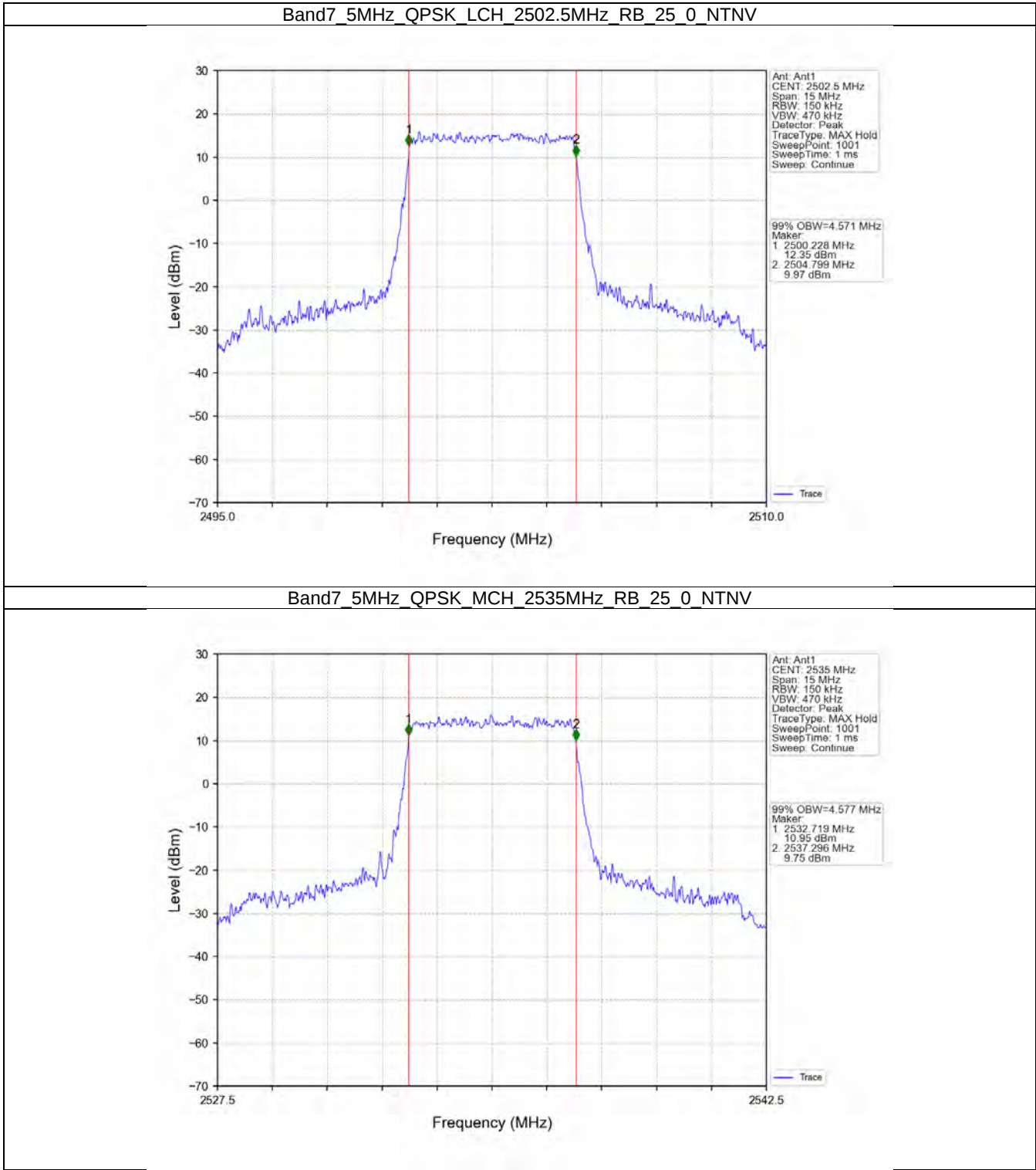
3.1.2 Band7_XDB

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.201	/	Pass
		2535	25	0	5.216	/	Pass

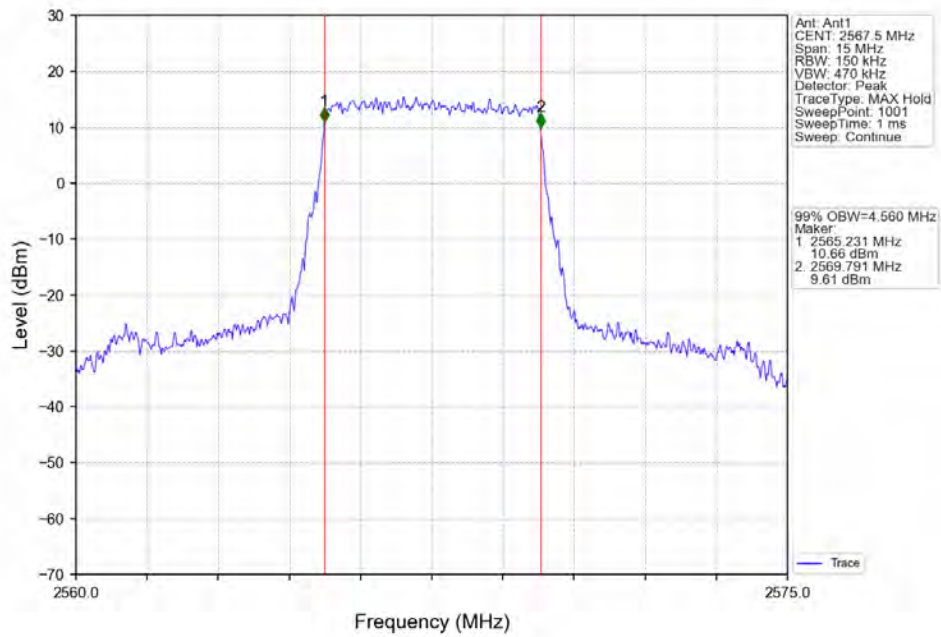
	16QAM	2567.5	25	0	5.328	/	Pass
		2502.5	25	0	5.218	/	Pass
		2535	25	0	5.229	/	Pass
		2567.5	25	0	5.238	/	Pass
	64QAM	2502.5	25	0	5.227	/	Pass
		2535	25	0	5.223	/	Pass
		2567.5	25	0	5.296	/	Pass
	256QAM	2502.5	25	0	5.281	/	Pass
		2535	25	0	5.161	/	Pass
		2567.5	25	0	5.179	/	Pass
10	QPSK	2505	50	0	10.200	/	Pass
		2535	50	0	10.163	/	Pass
		2565	50	0	10.130	/	Pass
	16QAM	2505	50	0	10.168	/	Pass
		2535	50	0	10.169	/	Pass
		2565	50	0	10.259	/	Pass
	64QAM	2505	50	0	10.259	/	Pass
		2535	50	0	10.334	/	Pass
		2565	50	0	10.204	/	Pass
	256QAM	2505	50	0	10.081	/	Pass
		2535	50	0	10.192	/	Pass
		2565	50	0	10.257	/	Pass
15	QPSK	2507.5	75	0	15.192	/	Pass
		2535	75	0	15.057	/	Pass
		2562.5	75	0	15.196	/	Pass
	16QAM	2507.5	75	0	15.269	/	Pass
		2535	75	0	15.096	/	Pass
		2562.5	75	0	15.125	/	Pass
	64QAM	2507.5	75	0	15.148	/	Pass
		2535	75	0	15.356	/	Pass
		2562.5	75	0	15.060	/	Pass
	256QAM	2507.5	75	0	15.071	/	Pass
		2535	75	0	15.058	/	Pass
		2562.5	75	0	14.947	/	Pass
20	QPSK	2510	100	0	20.052	/	Pass
		2535	100	0	20.141	/	Pass
		2560	100	0	20.077	/	Pass
	16QAM	2510	100	0	19.974	/	Pass
		2535	100	0	20.092	/	Pass
		2560	100	0	20.022	/	Pass
	64QAM	2510	100	0	20.064	/	Pass
		2535	100	0	20.049	/	Pass
		2560	100	0	19.936	/	Pass
	256QAM	2510	100	0	19.901	/	Pass
		2535	100	0	19.857	/	Pass
		2560	100	0	19.942	/	Pass

3.2 Test Graph

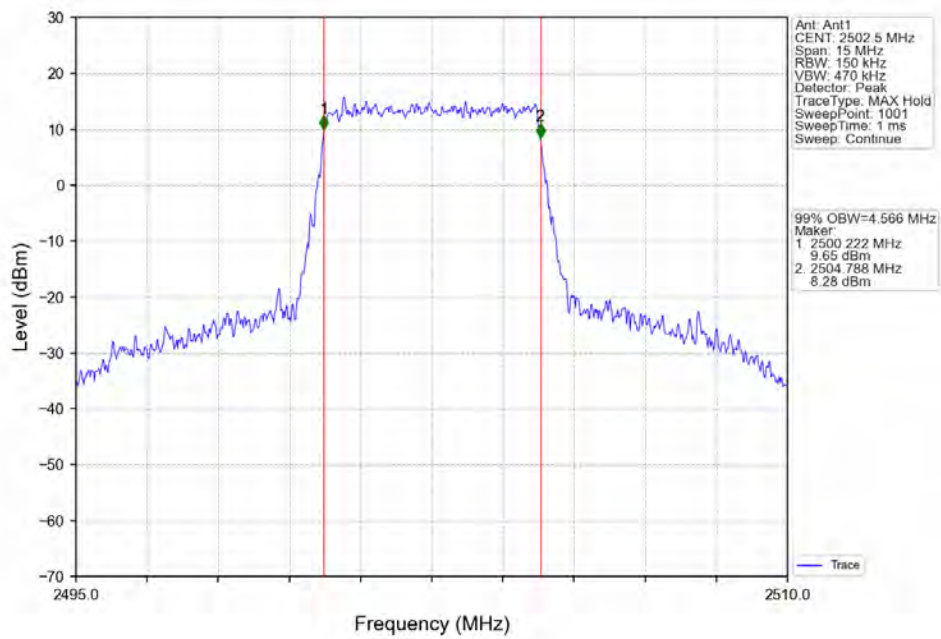
3.2.1 Band7_OBW



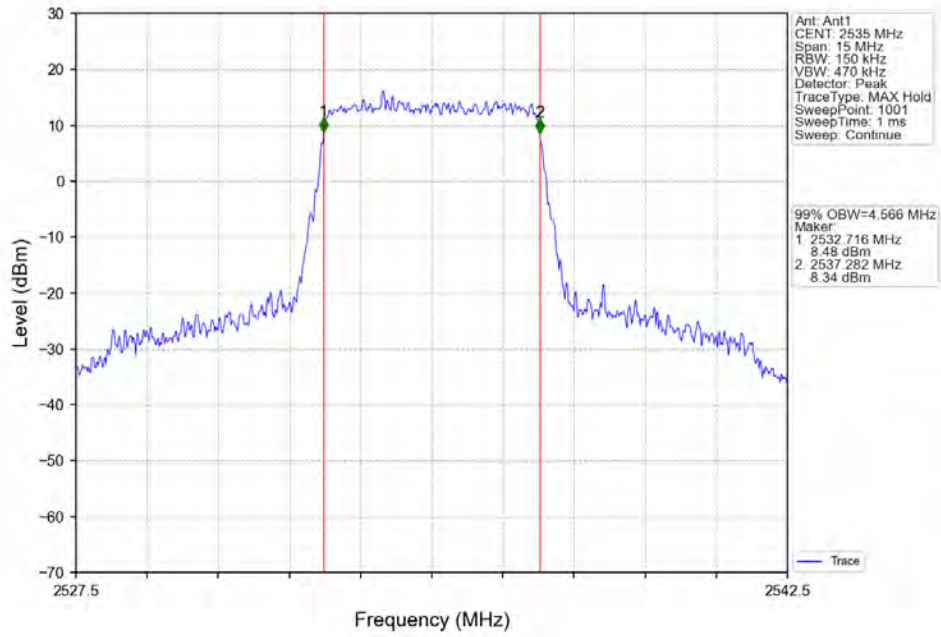
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTNV



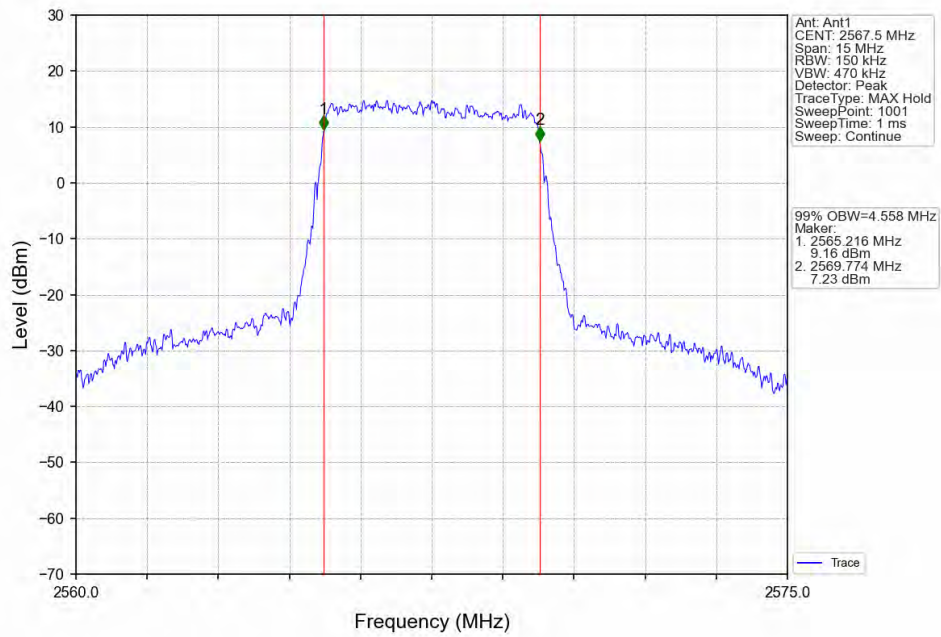
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTNV



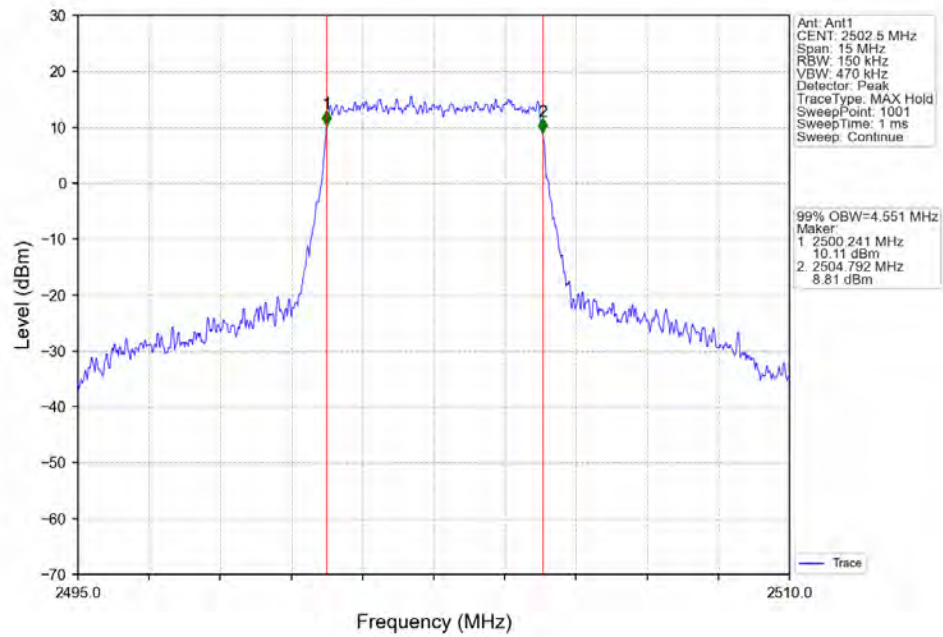
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTV



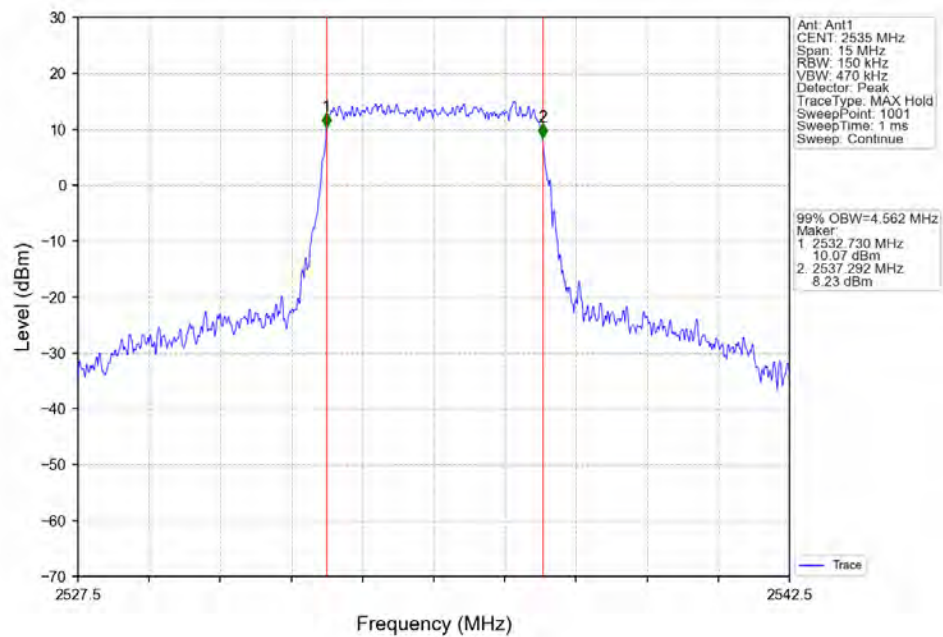
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTV



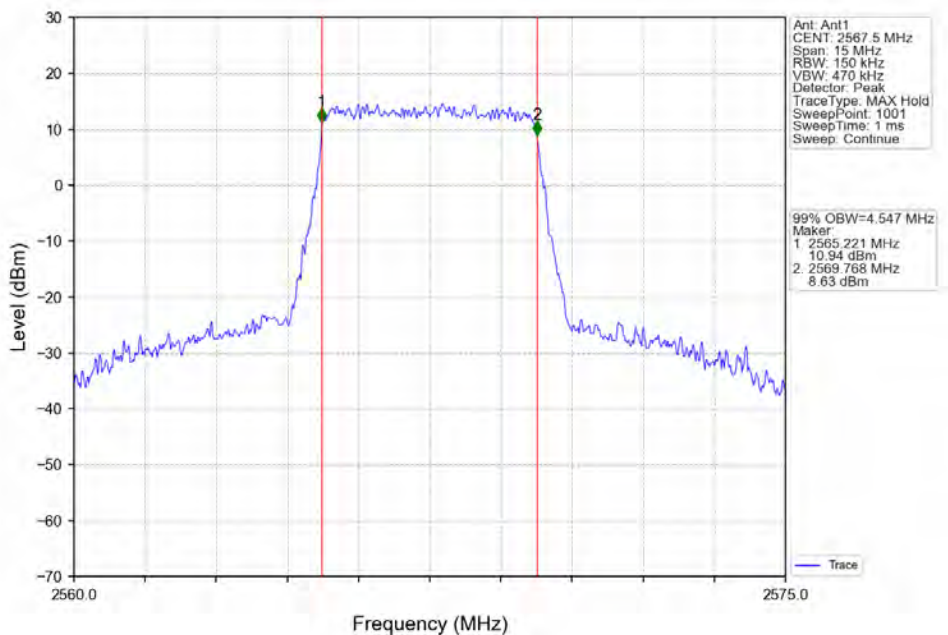
Band7 5MHz 64QAM LCH 2502.5MHz RB 25 0 NTNV



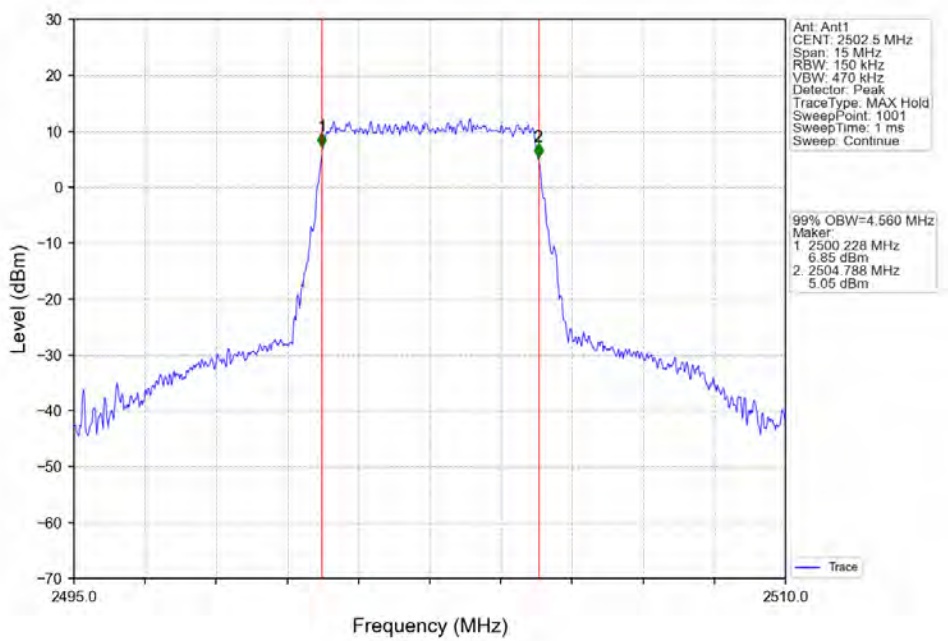
Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTNV



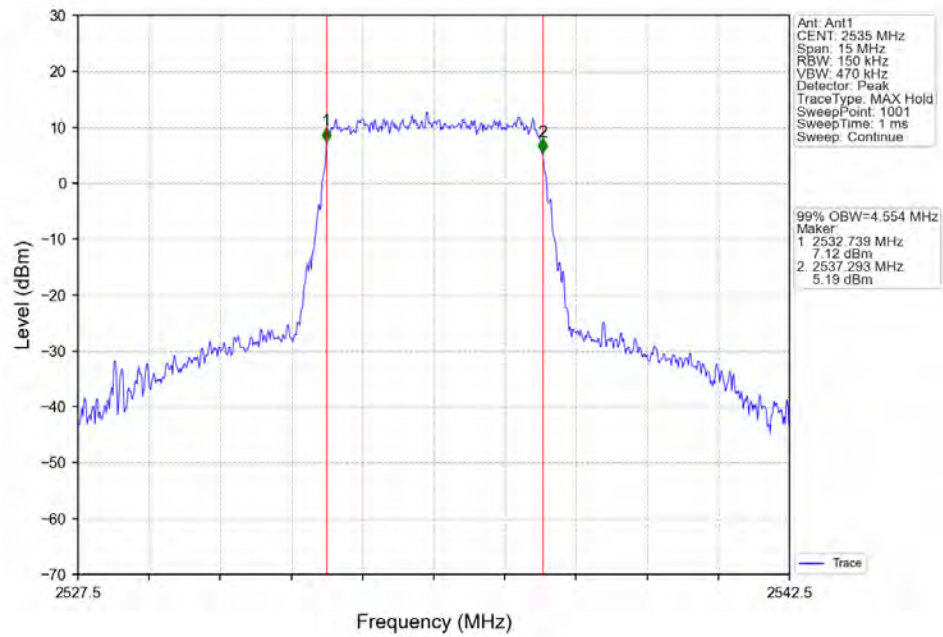
Band7 5MHz 64QAM HCH 2567.5MHz RB 25 0 NTNV



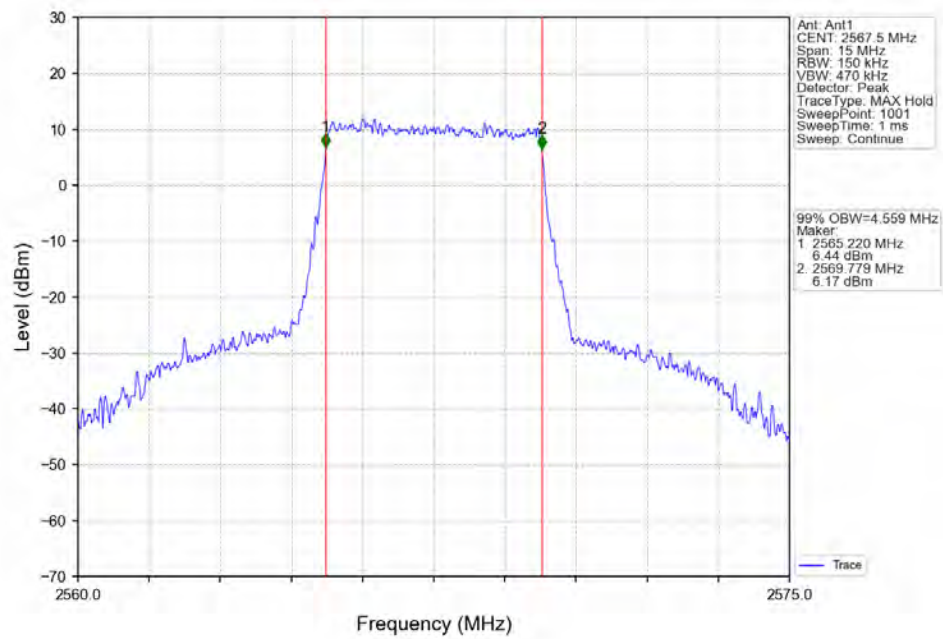
Band7 5MHz 256QAM LCH 2502.5MHz RB 25 0 NTNV



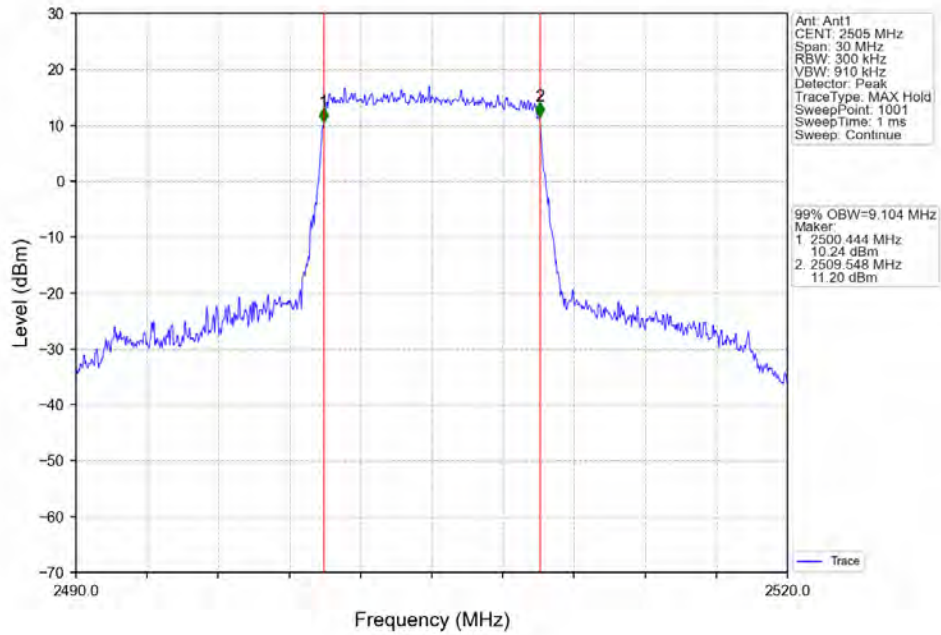
Band7 5MHz 256QAM MCH 2535MHz RB 25 0 NTNV



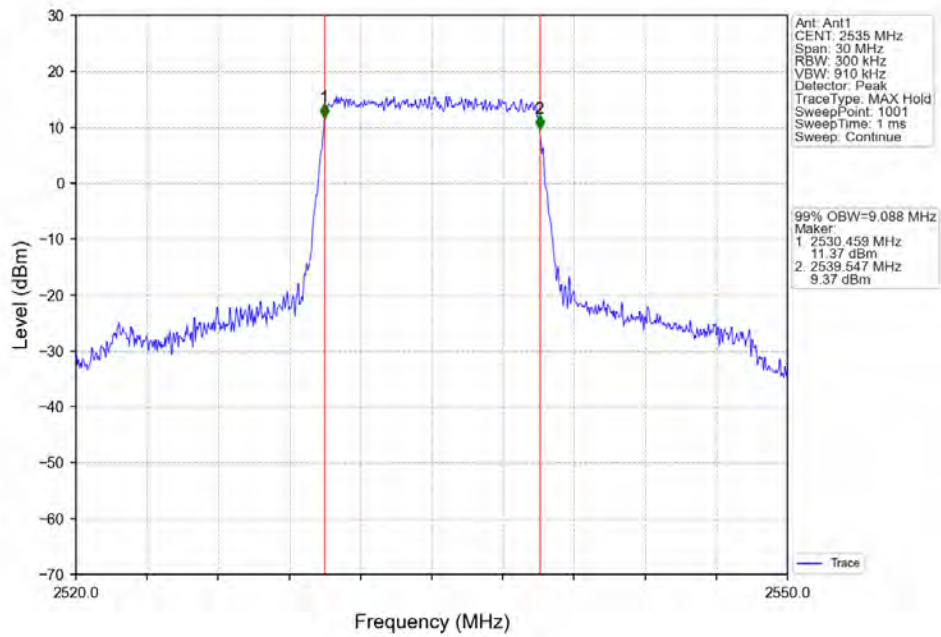
Band7 5MHz 256QAM HCH 2567.5MHz RB 25 0 NTNV



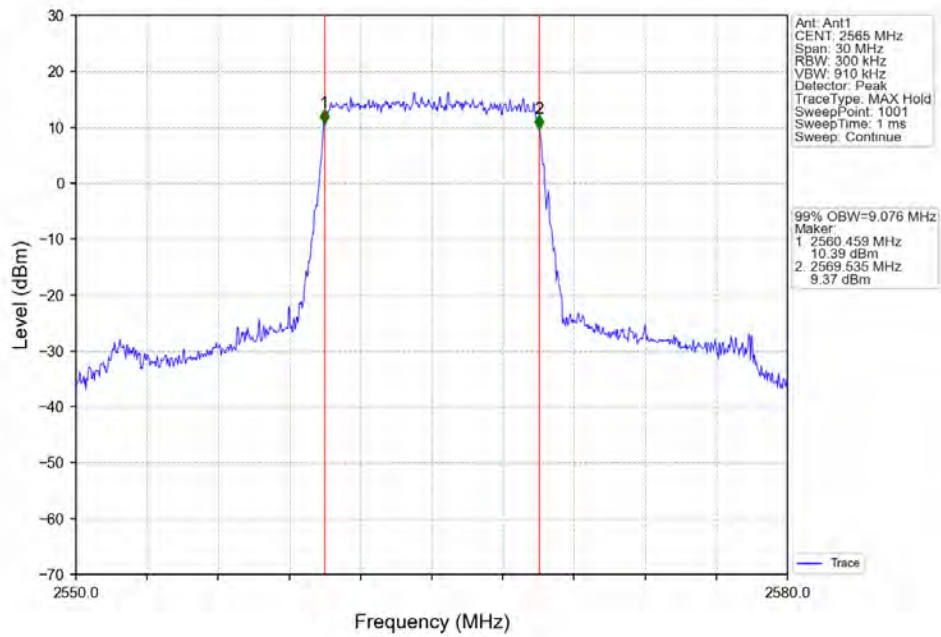
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



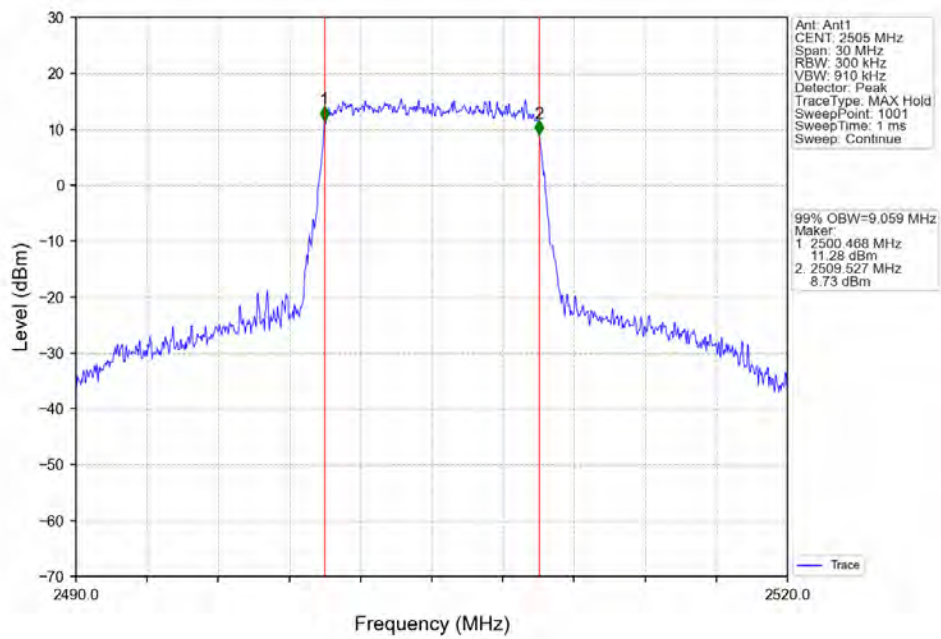
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



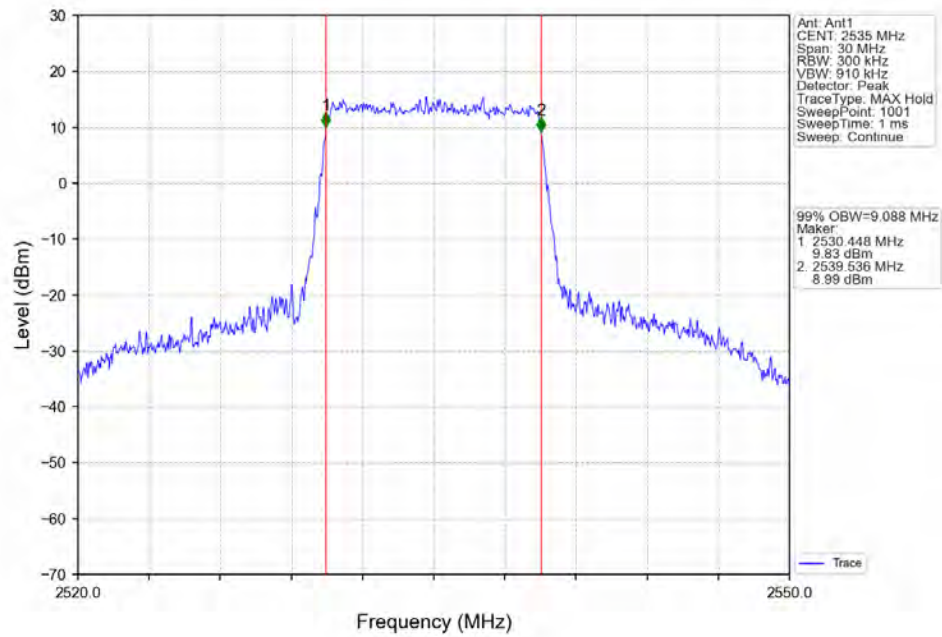
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTNV



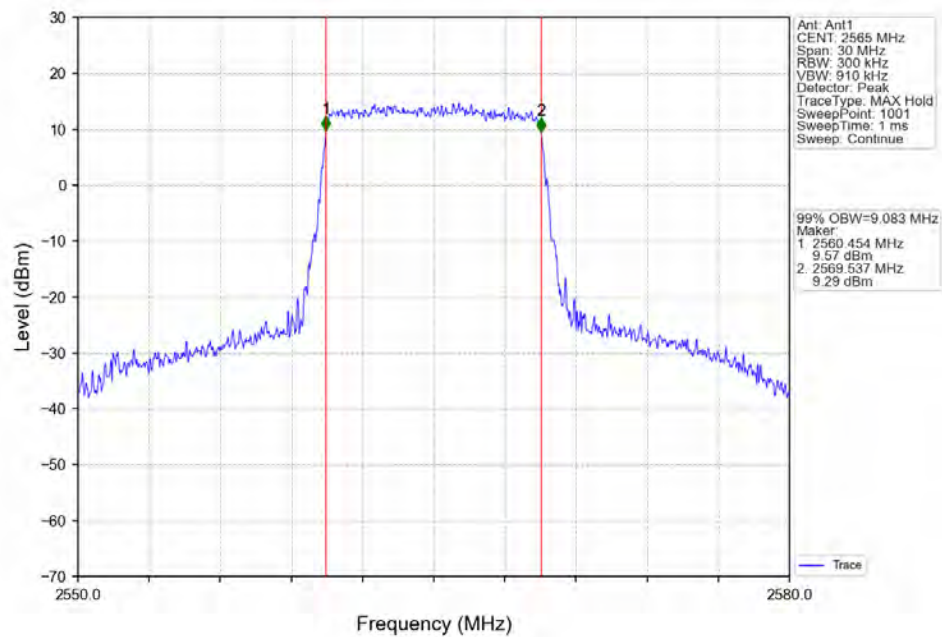
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTNV



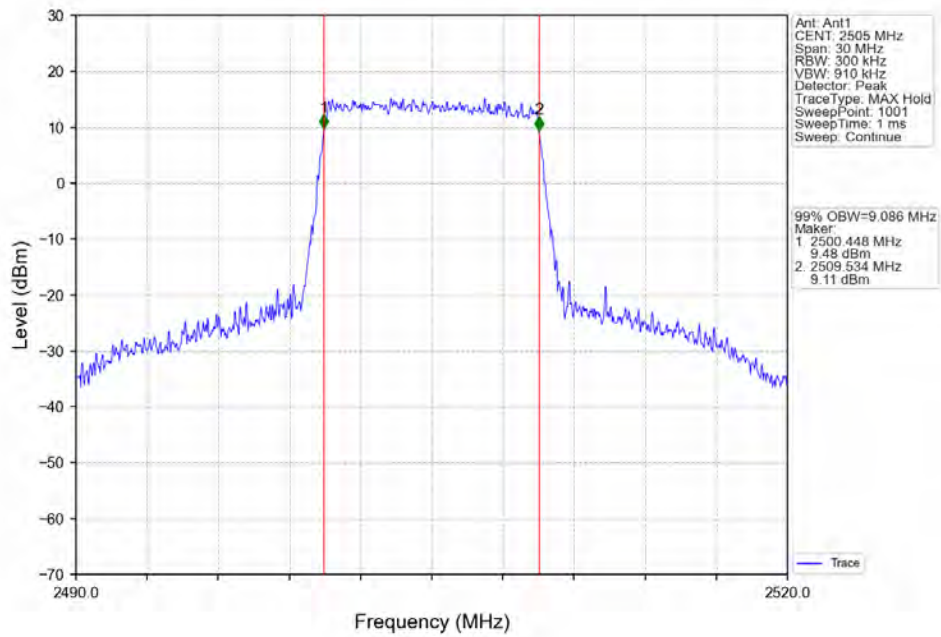
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTNV



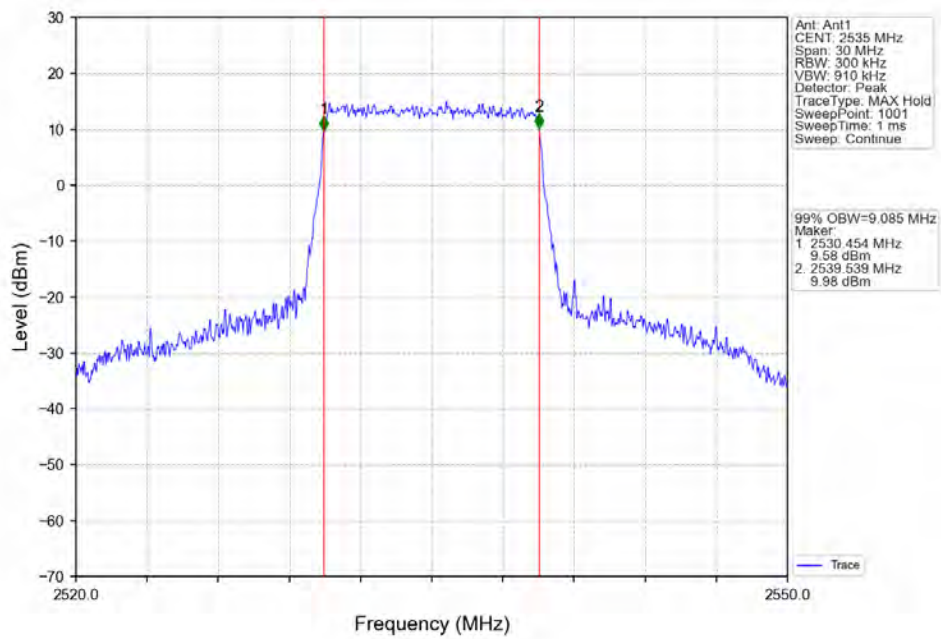
Band7 10MHz 16QAM HCH 2565MHz RB 50 0 NTNV



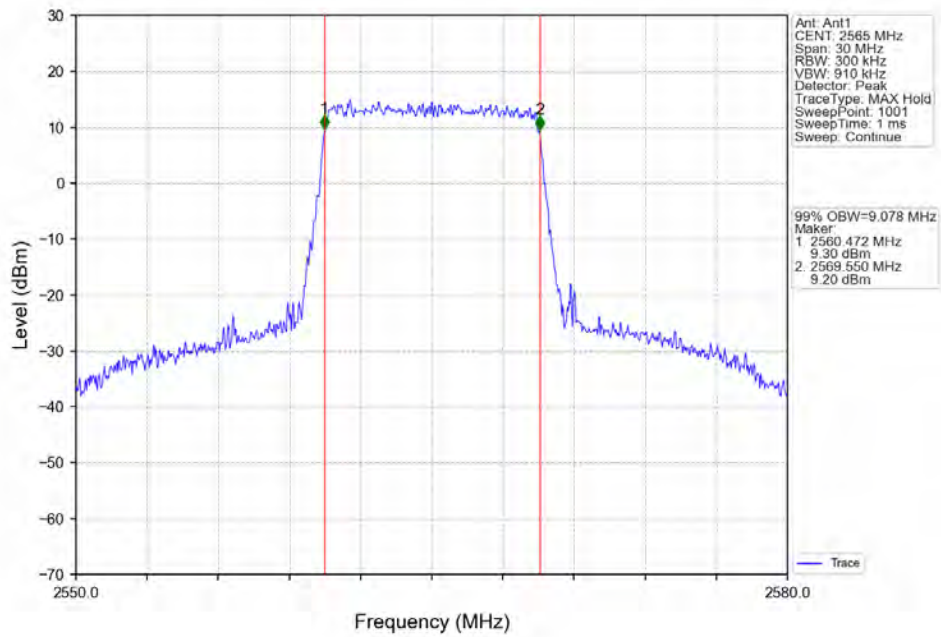
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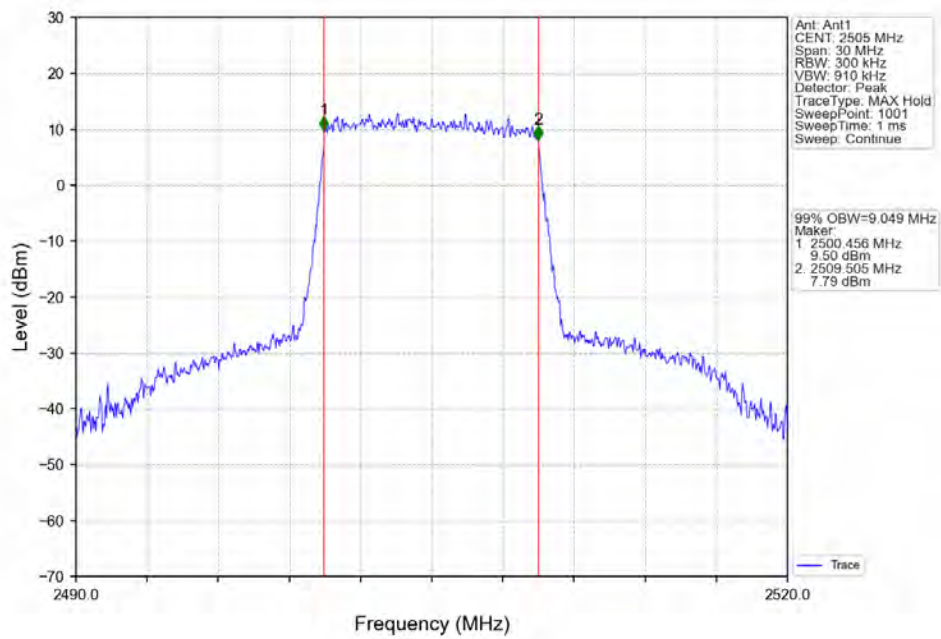
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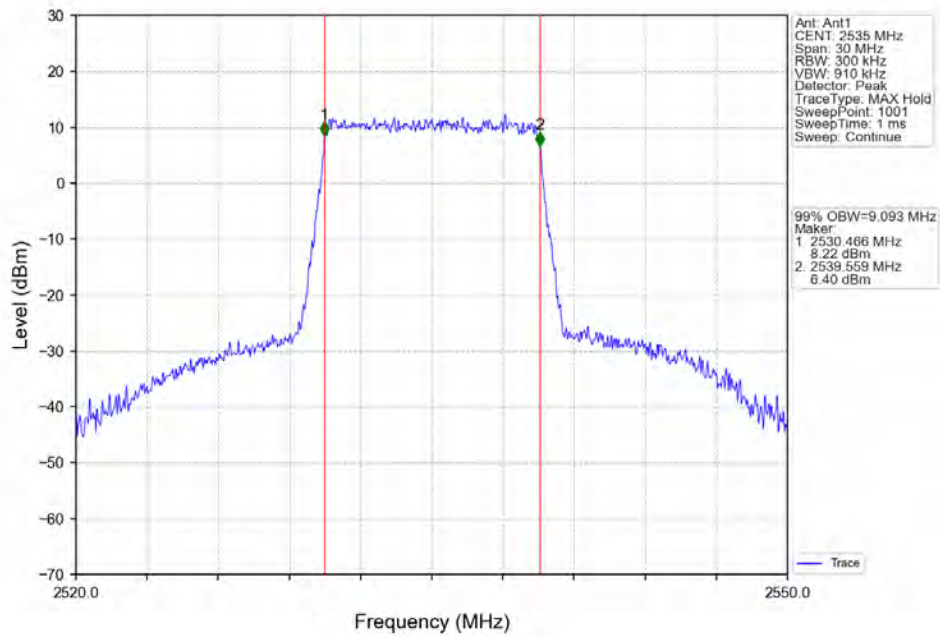
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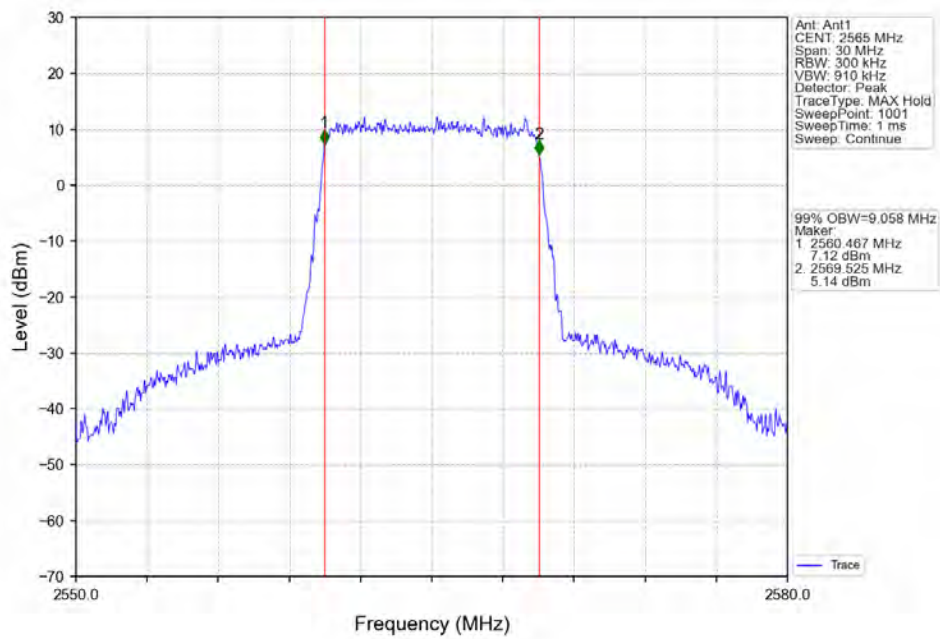
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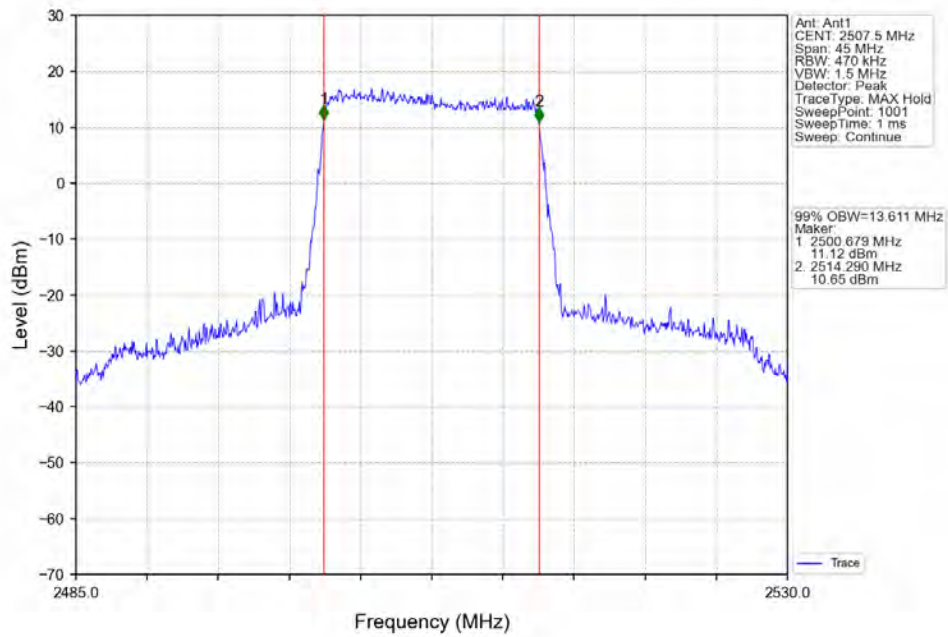
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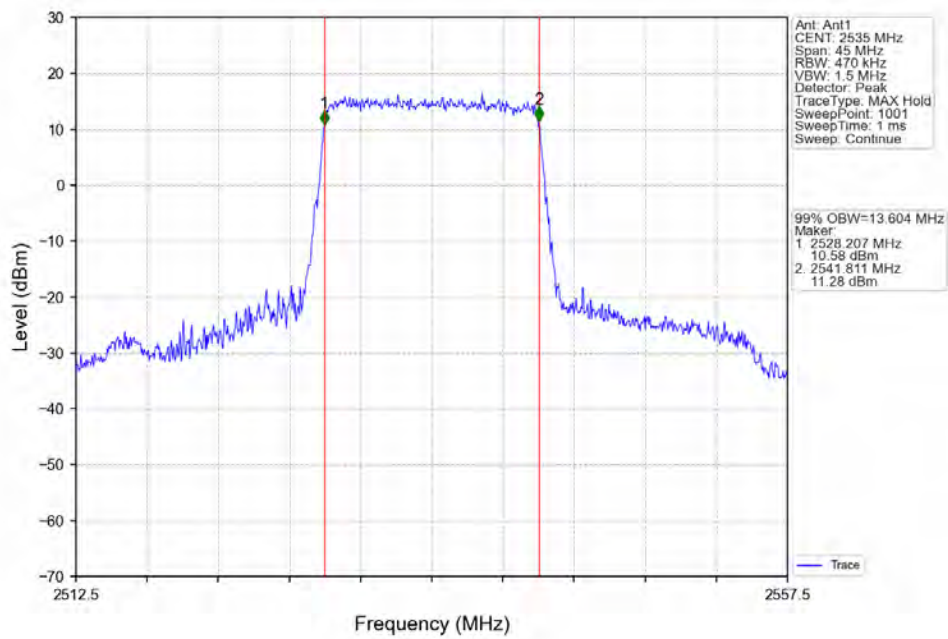
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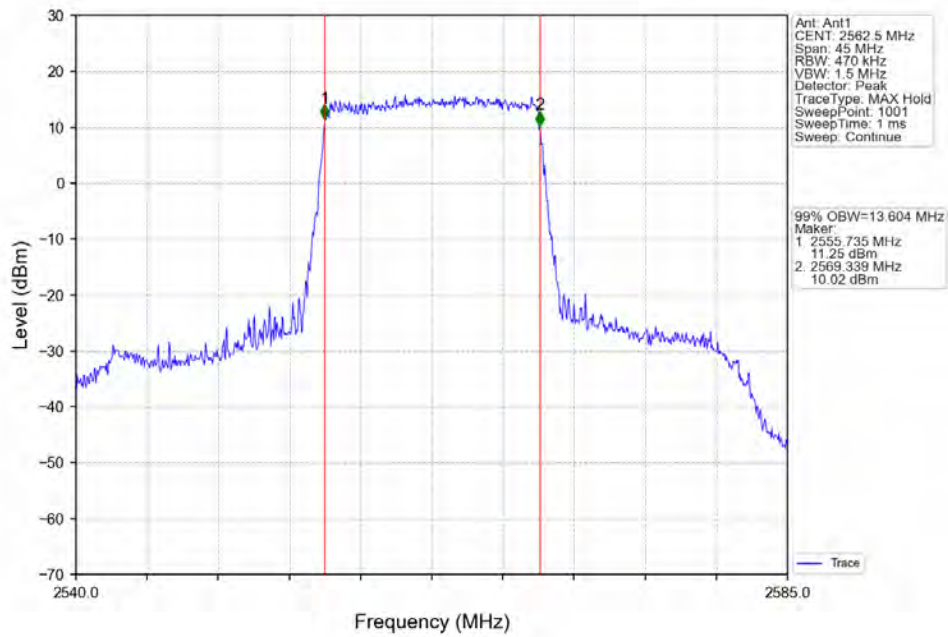
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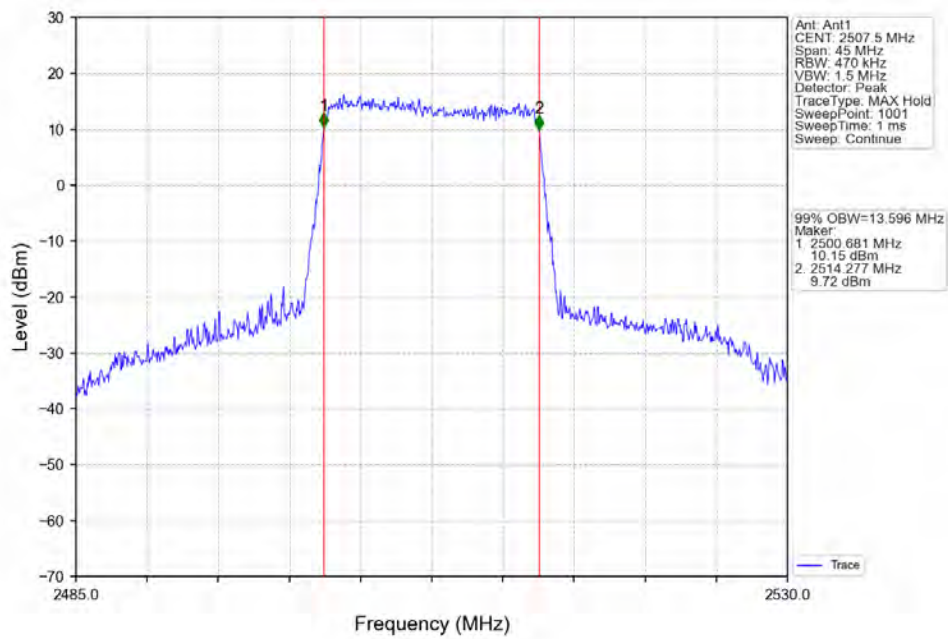
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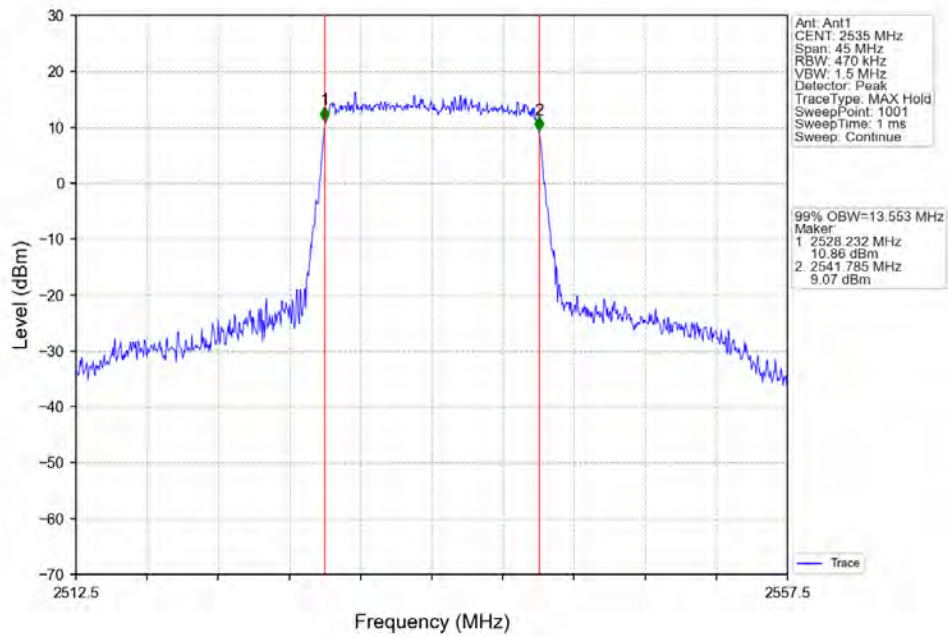
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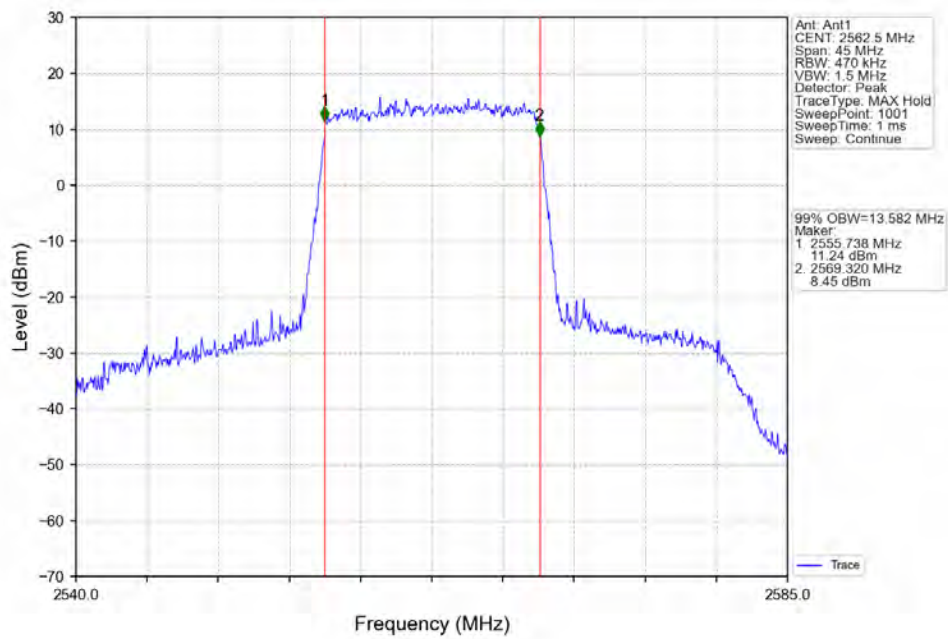
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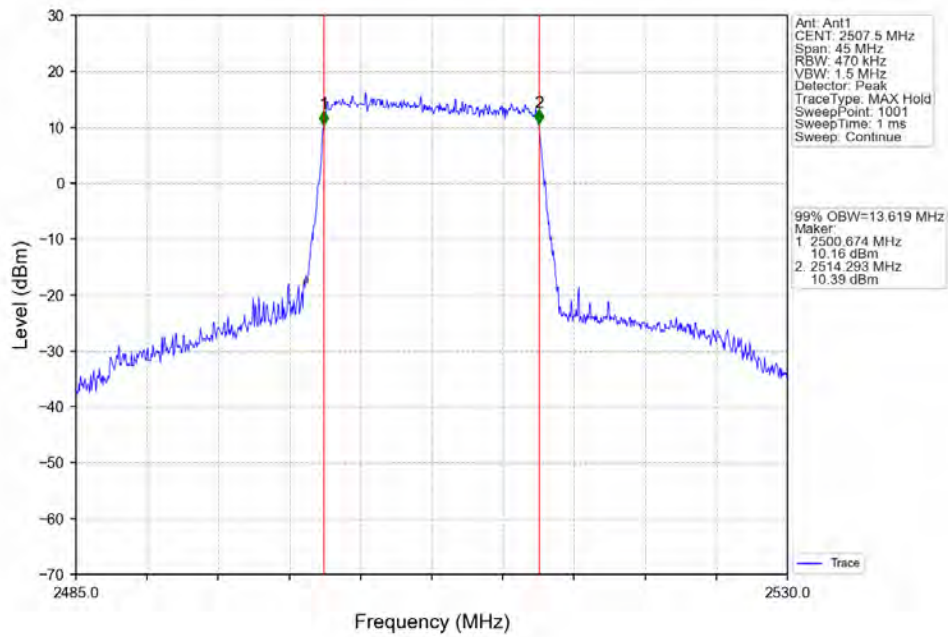
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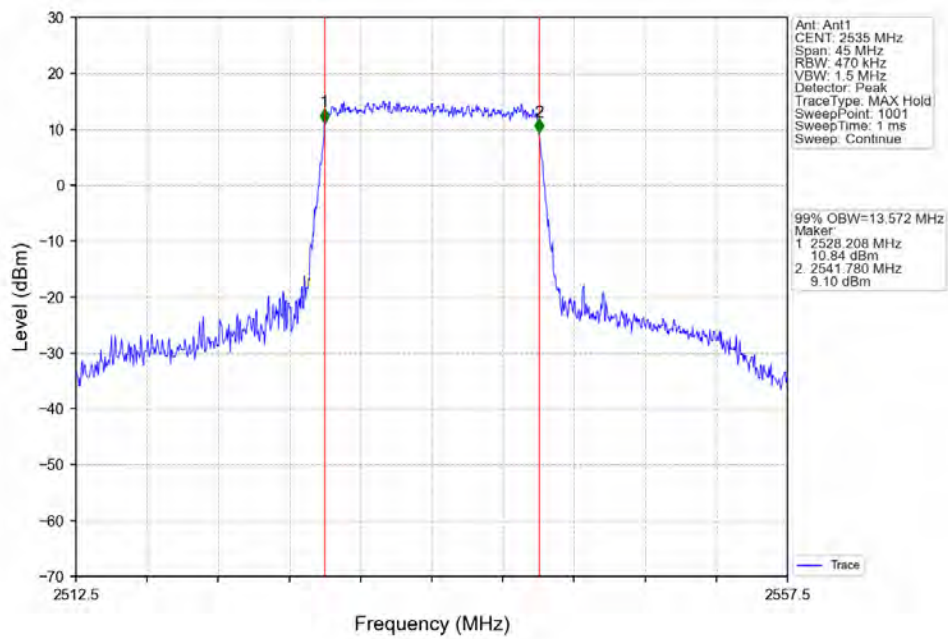
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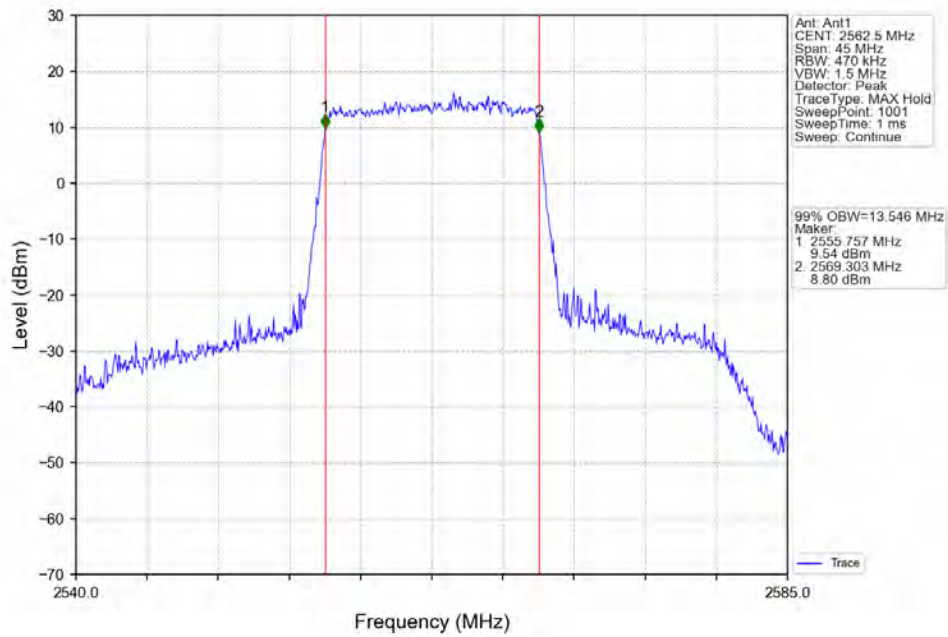
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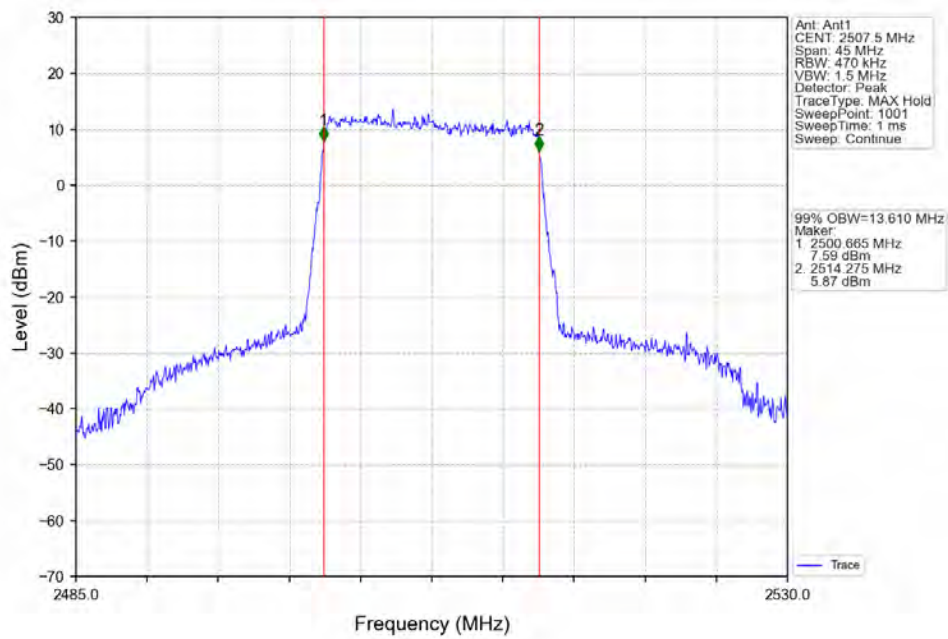
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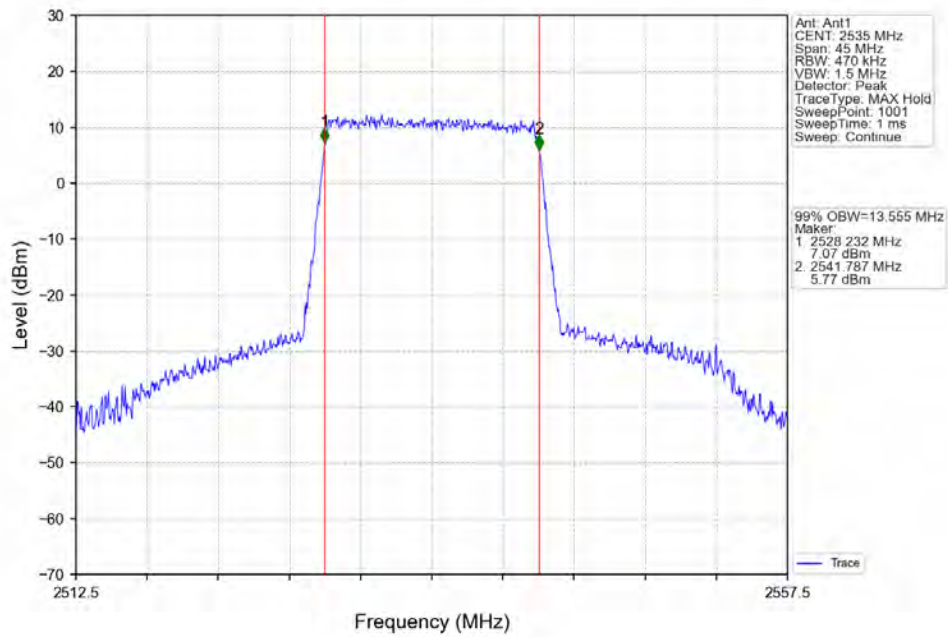
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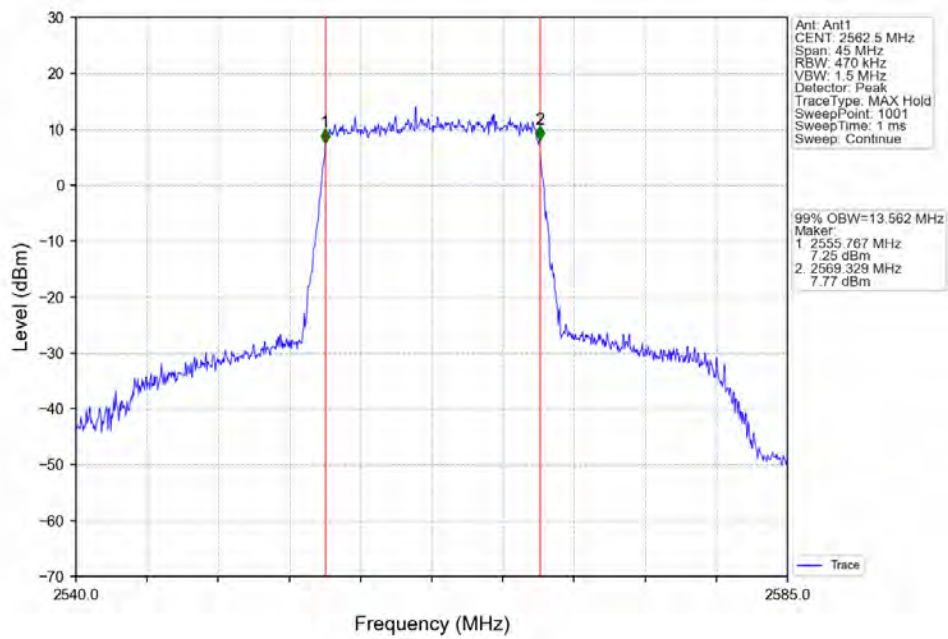
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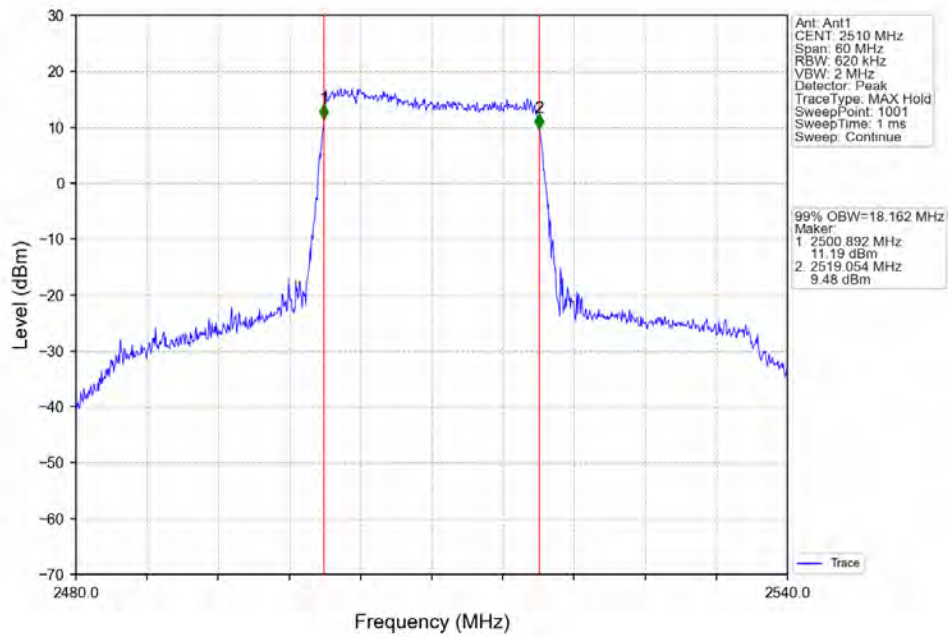
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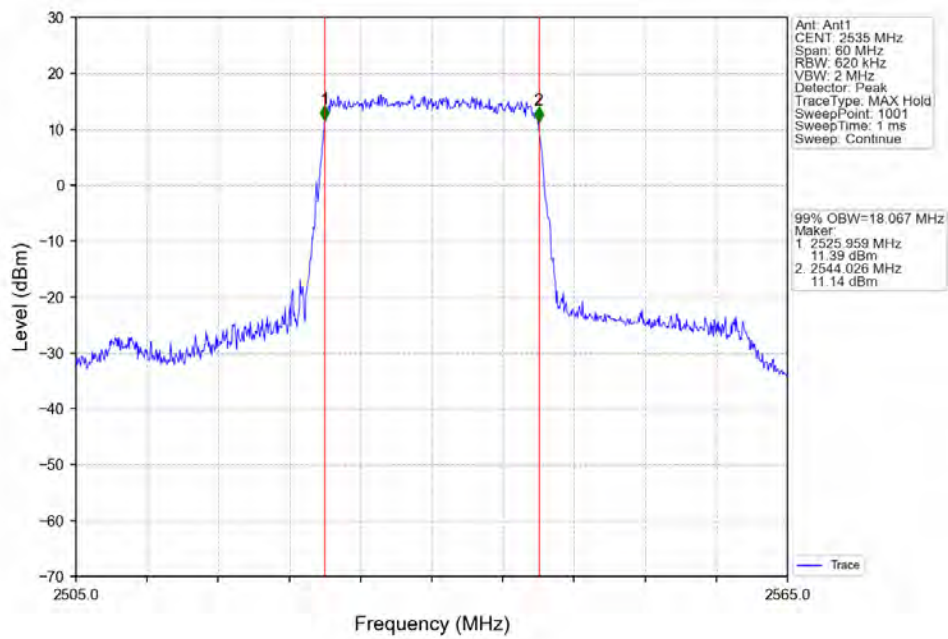
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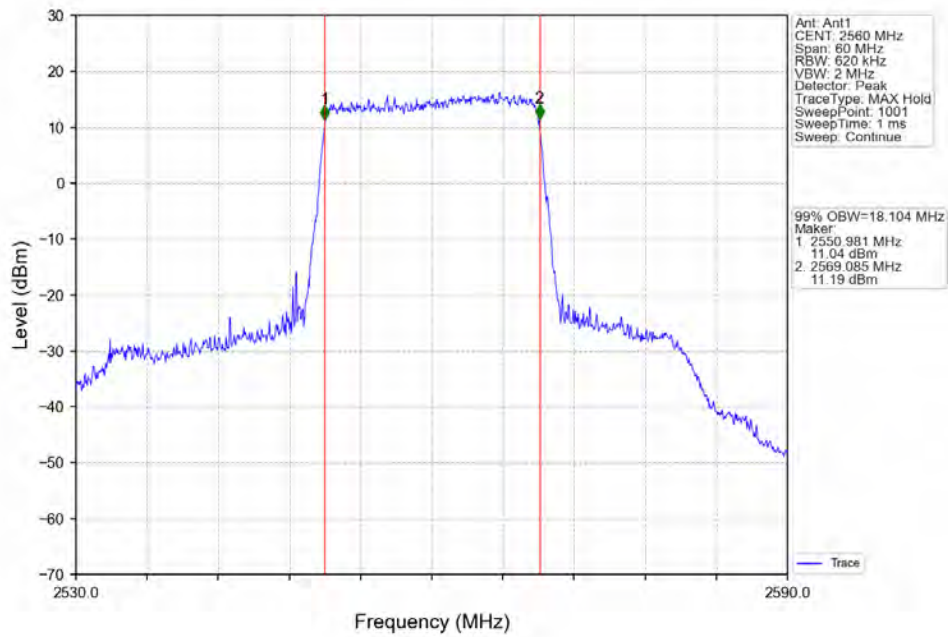
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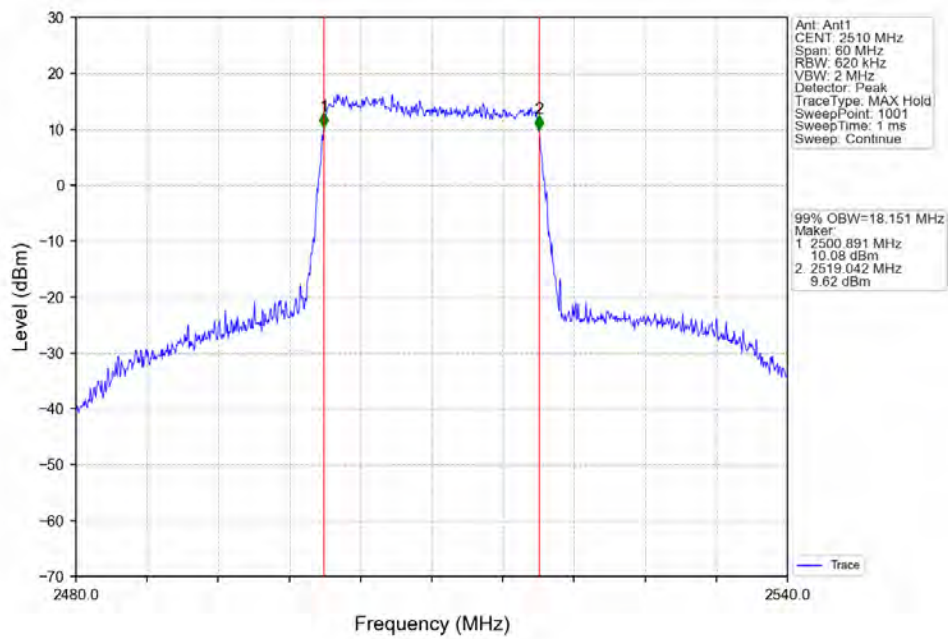
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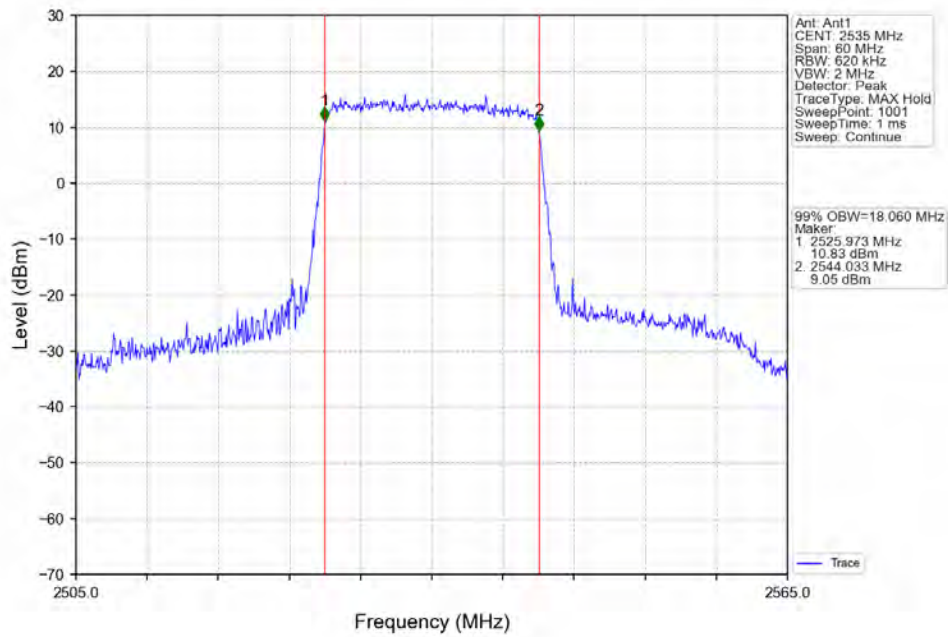
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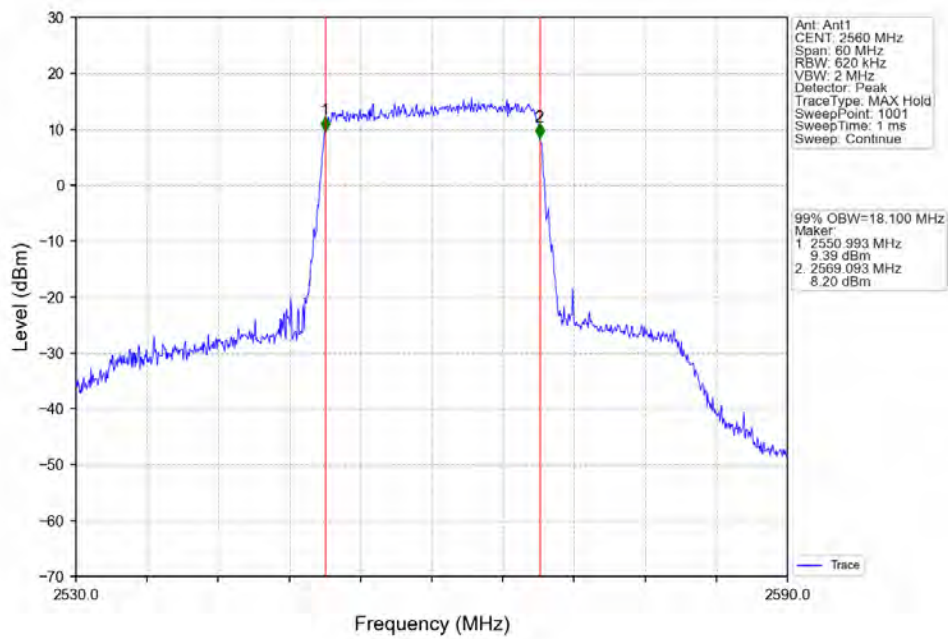
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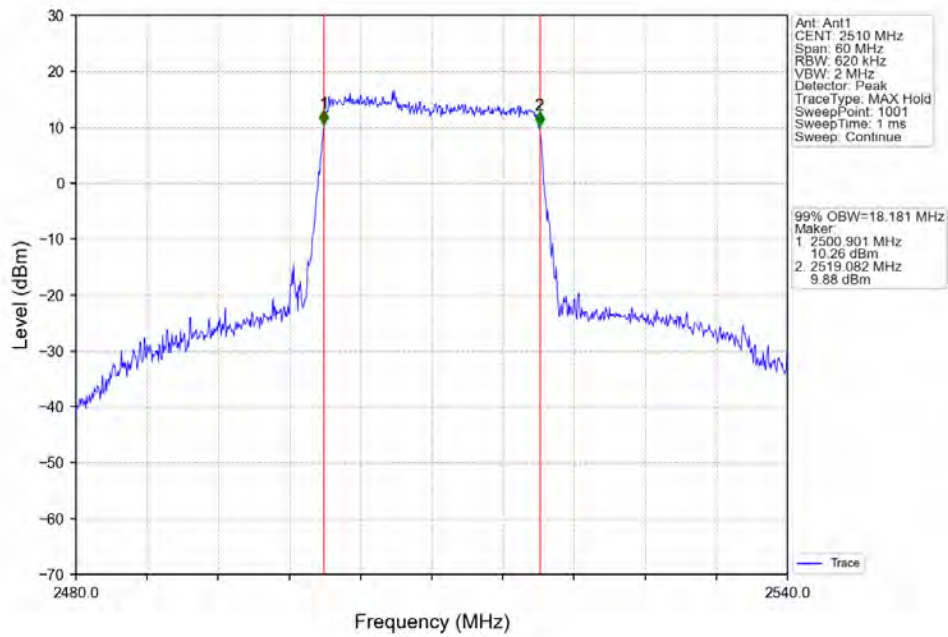
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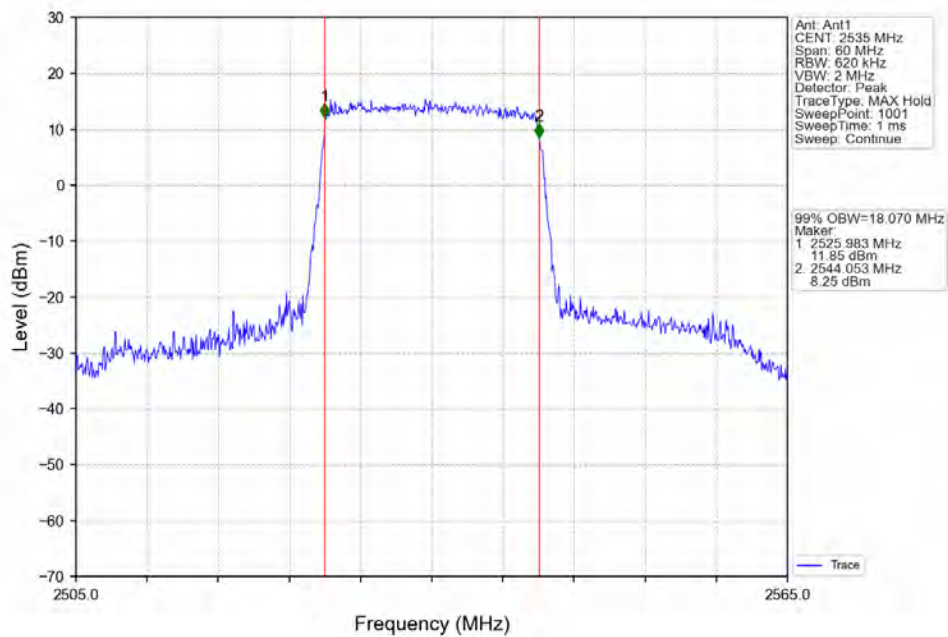
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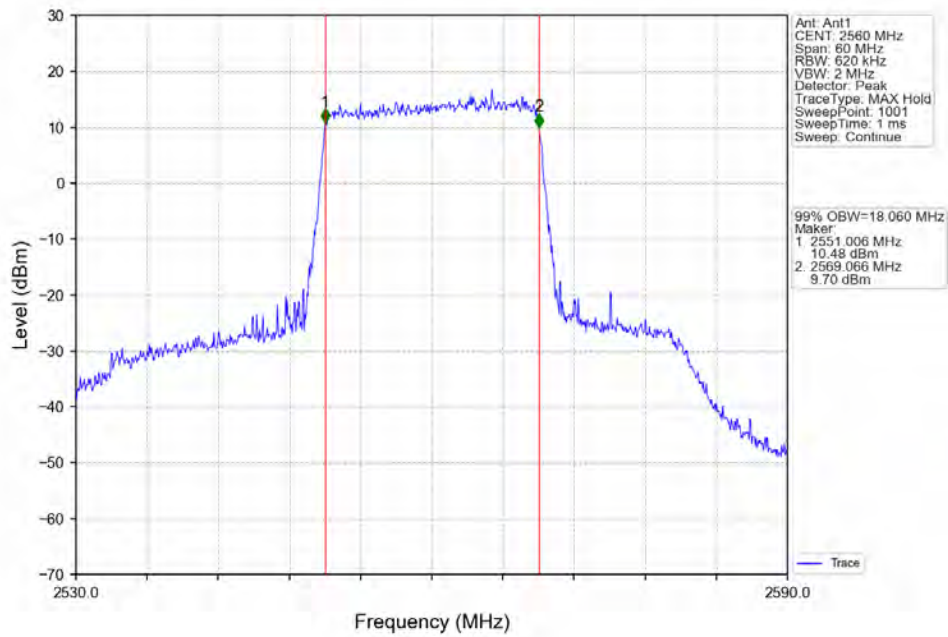
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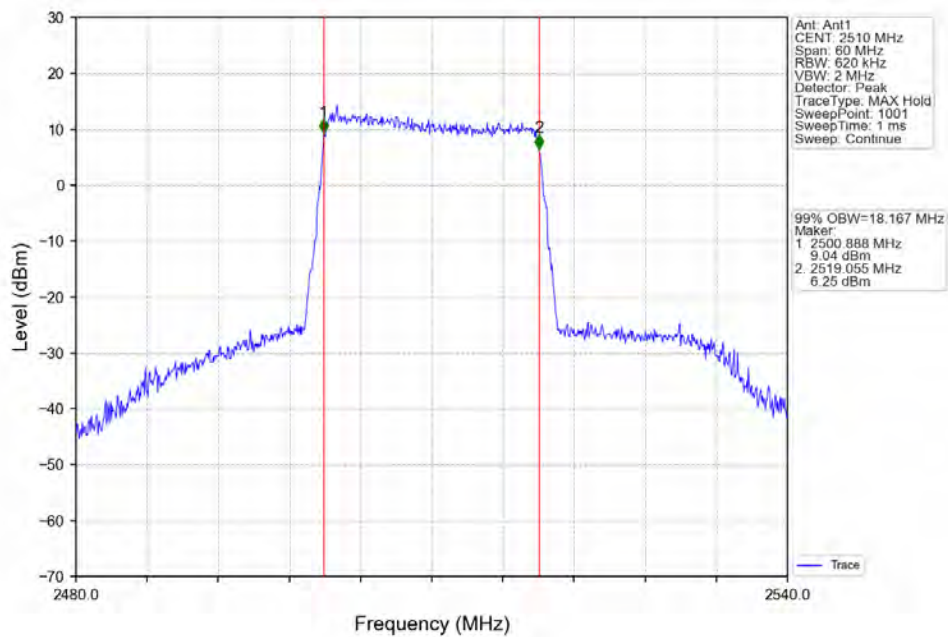
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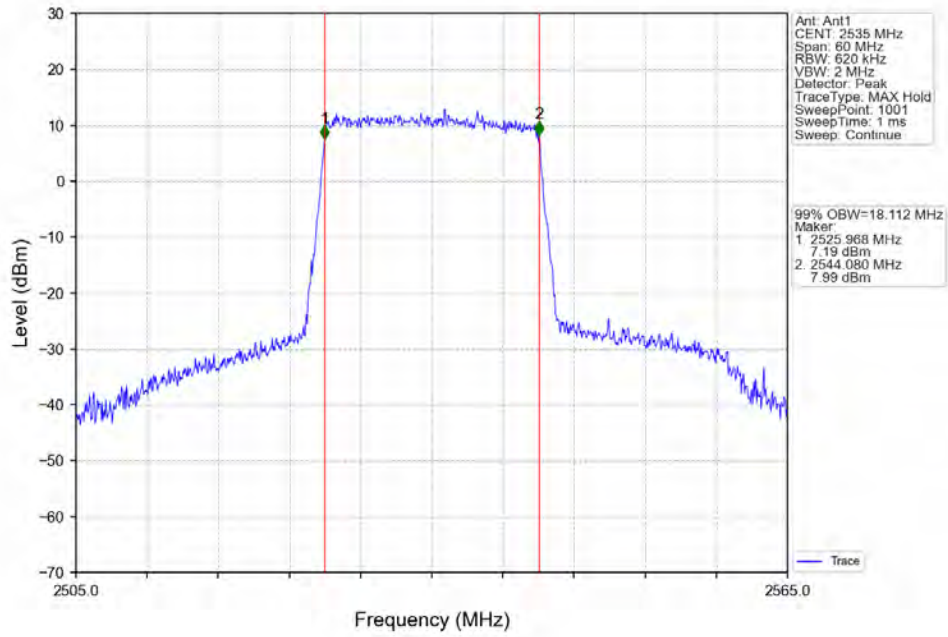
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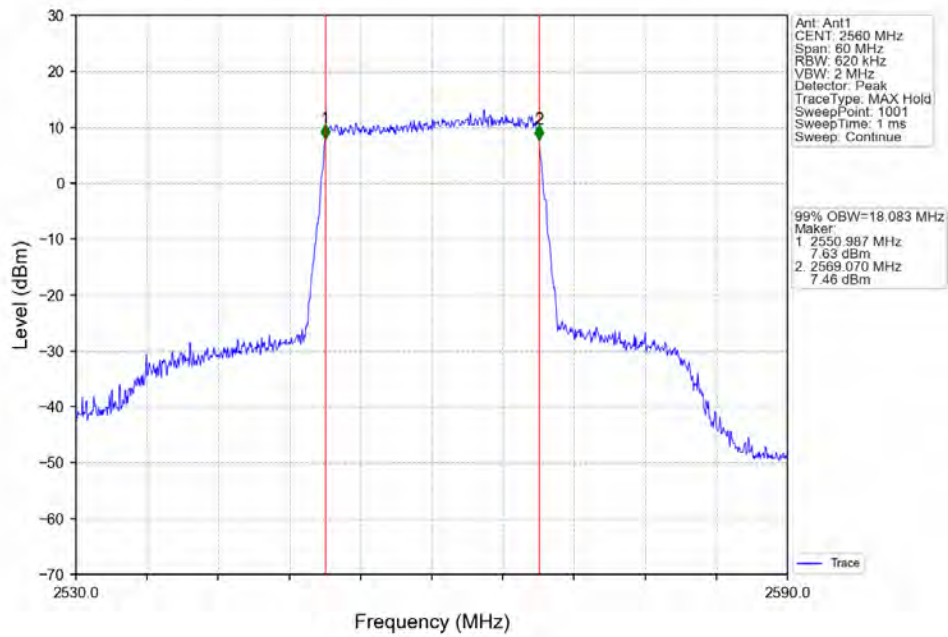
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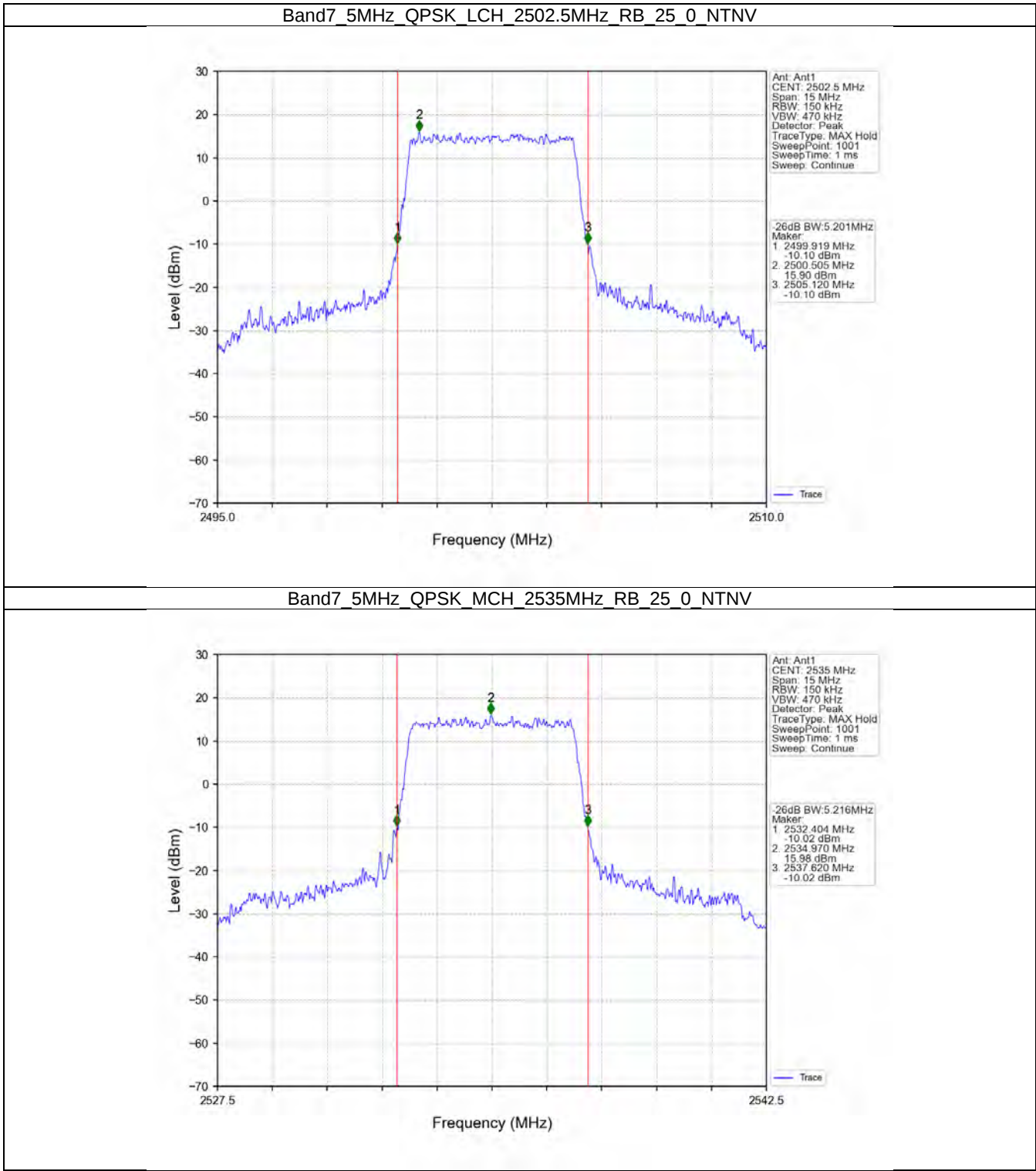
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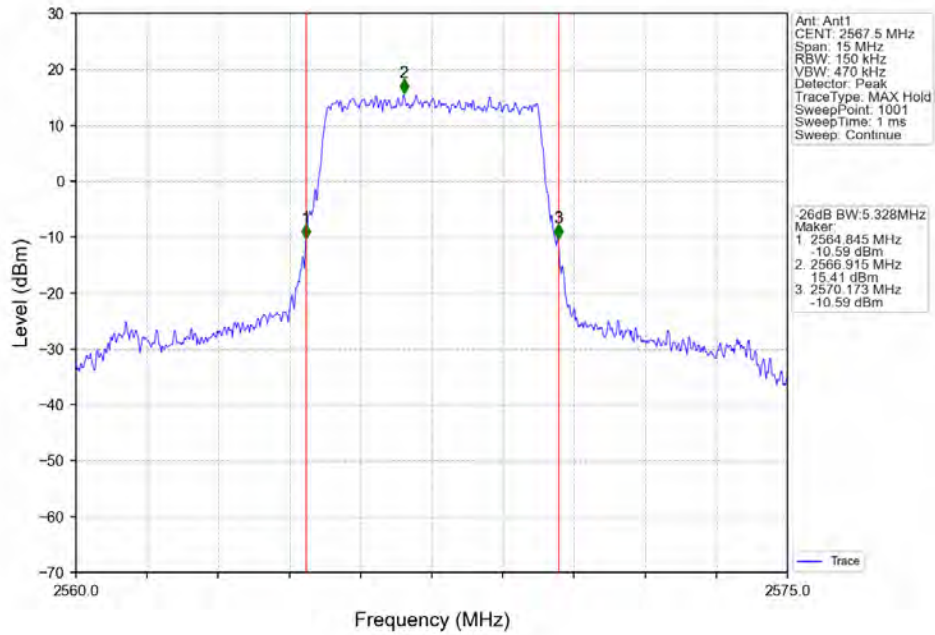
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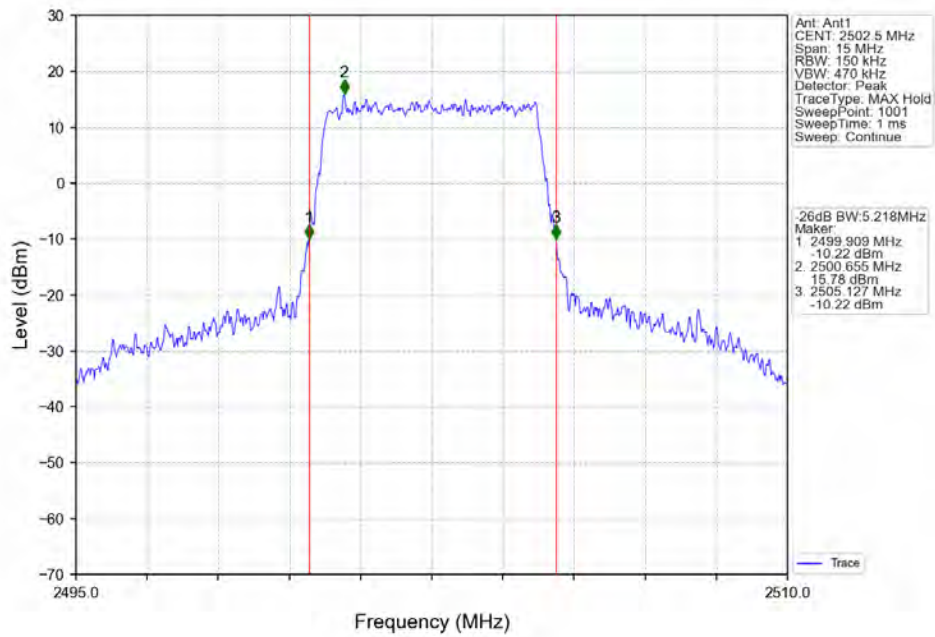
3.2.2 Band7_XDB



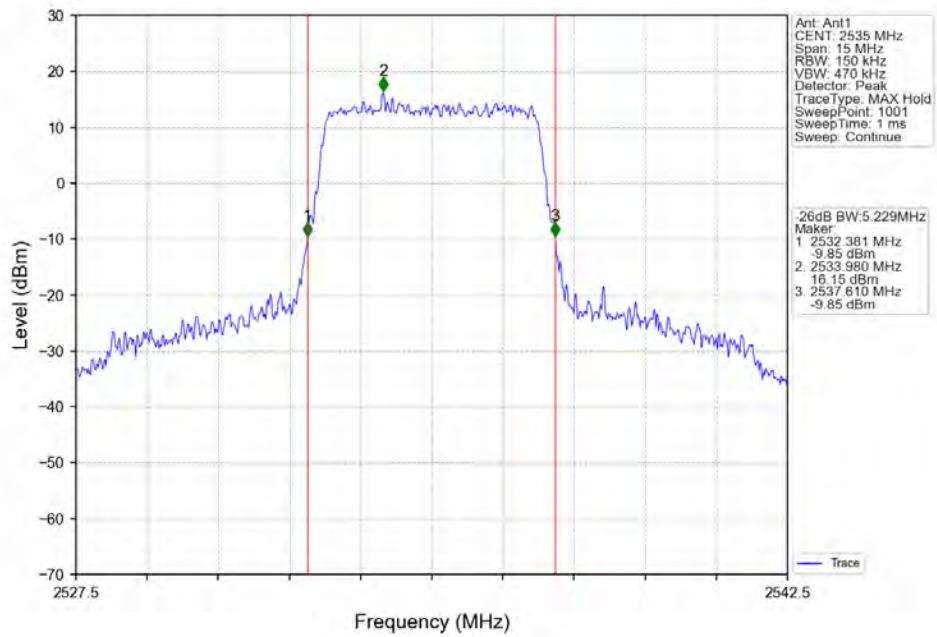
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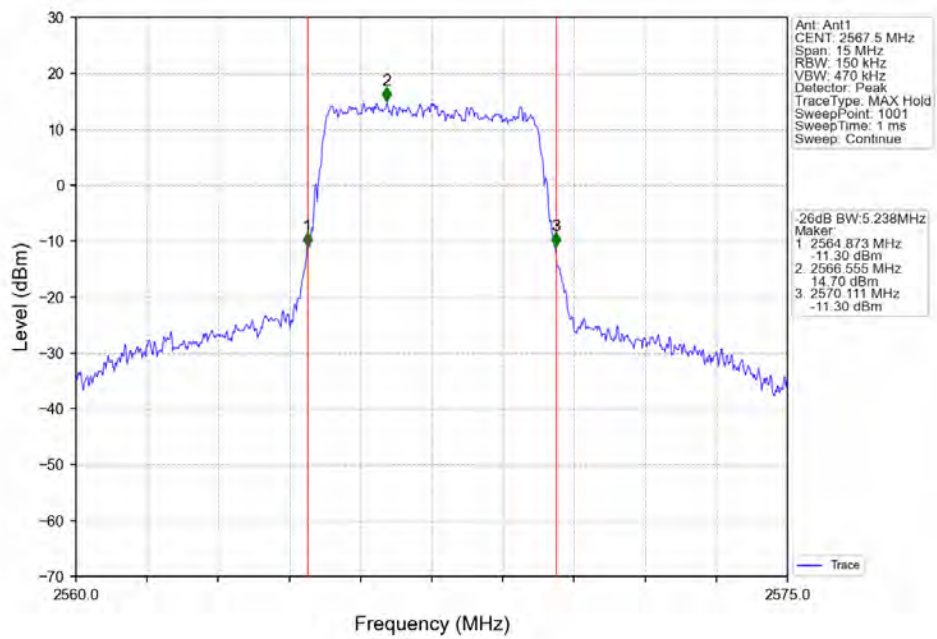
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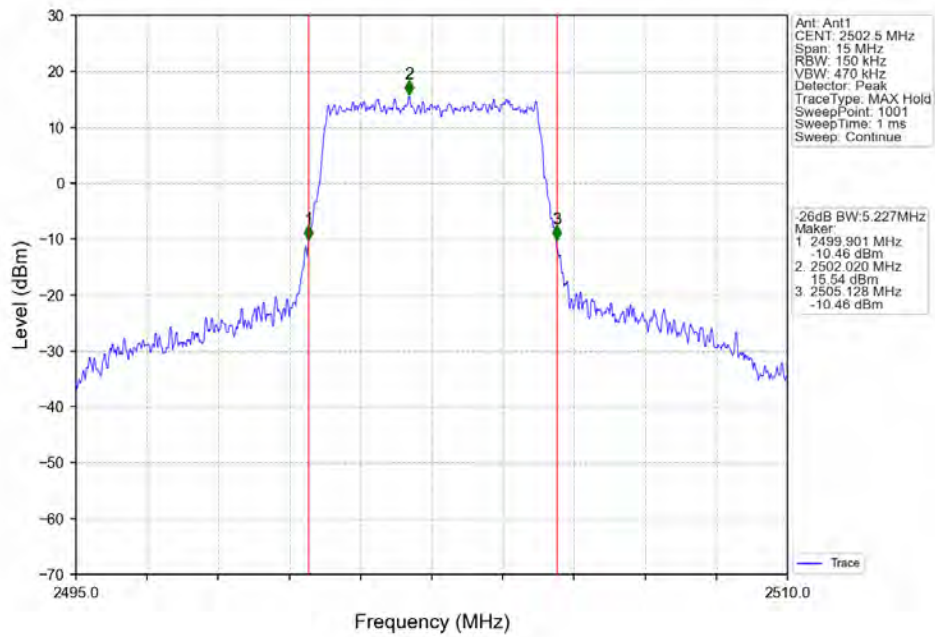
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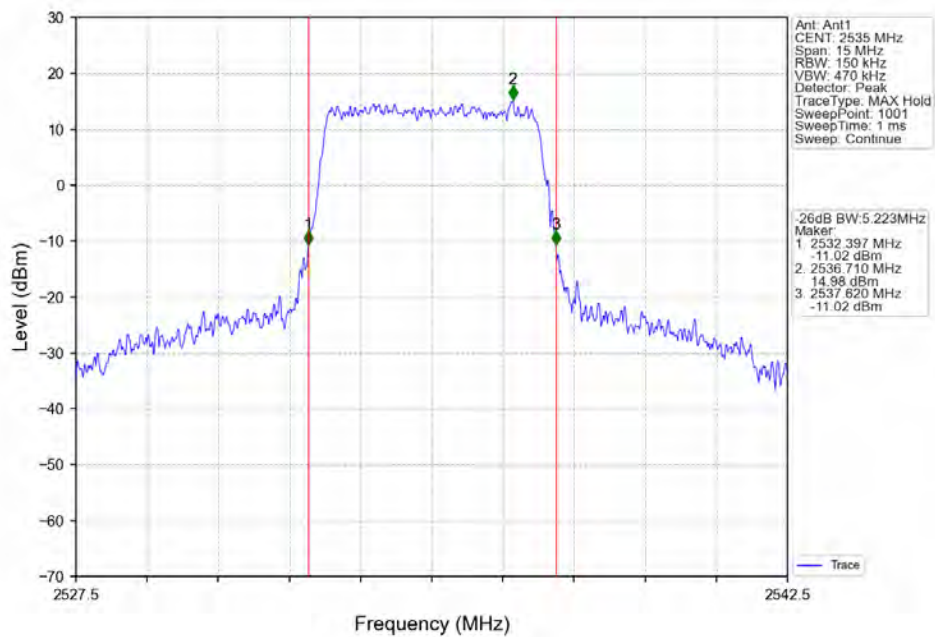
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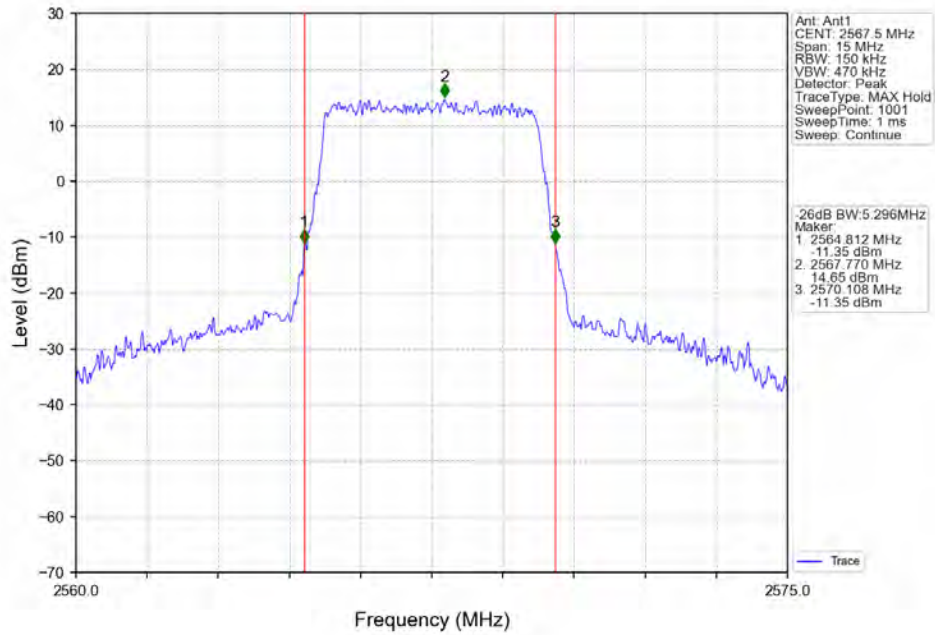
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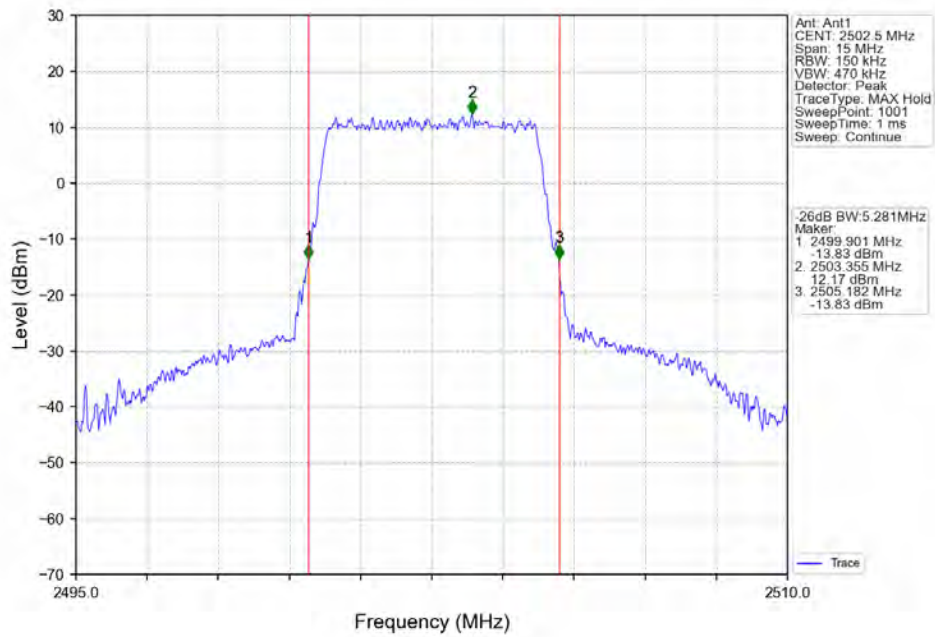
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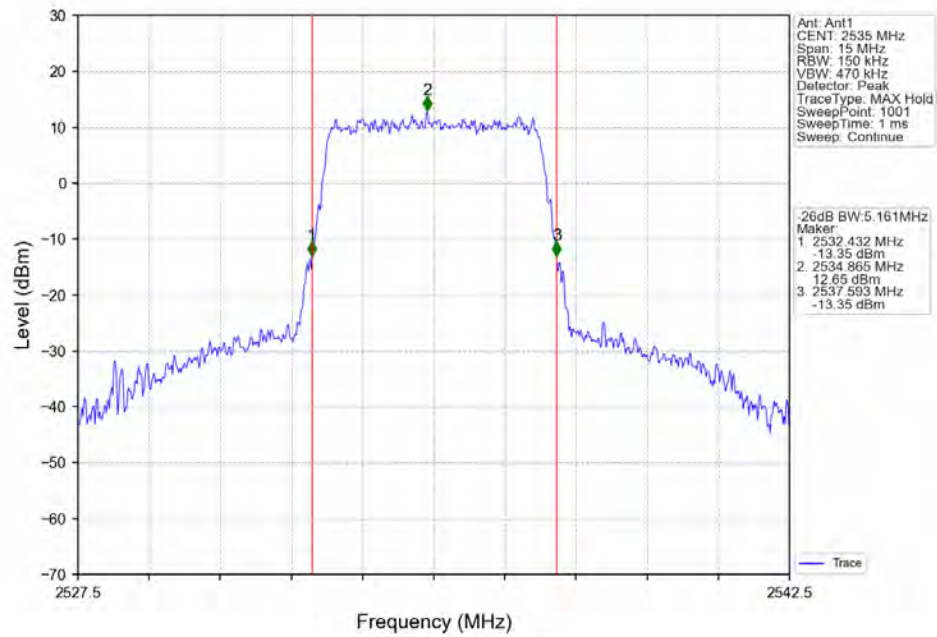
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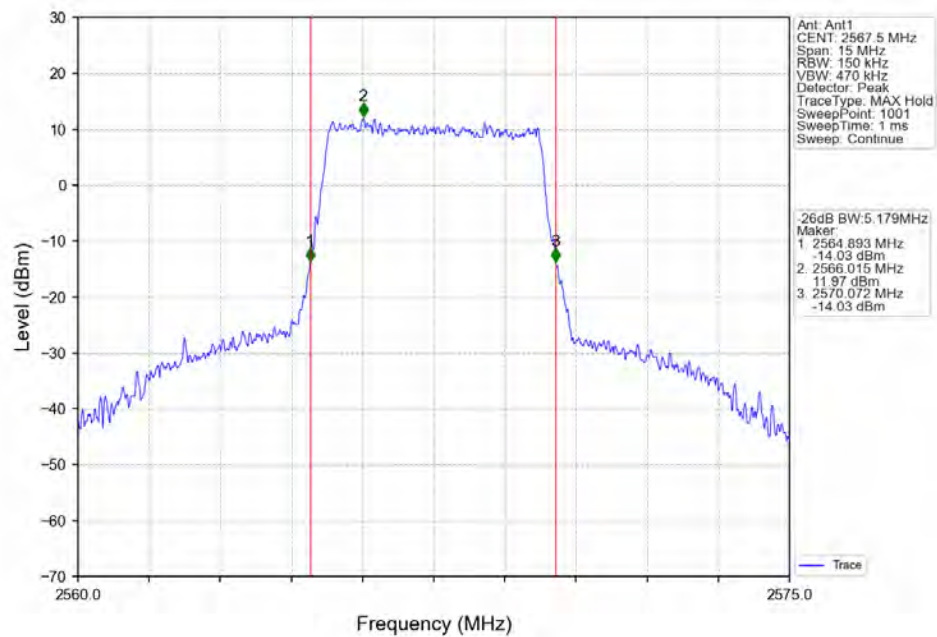
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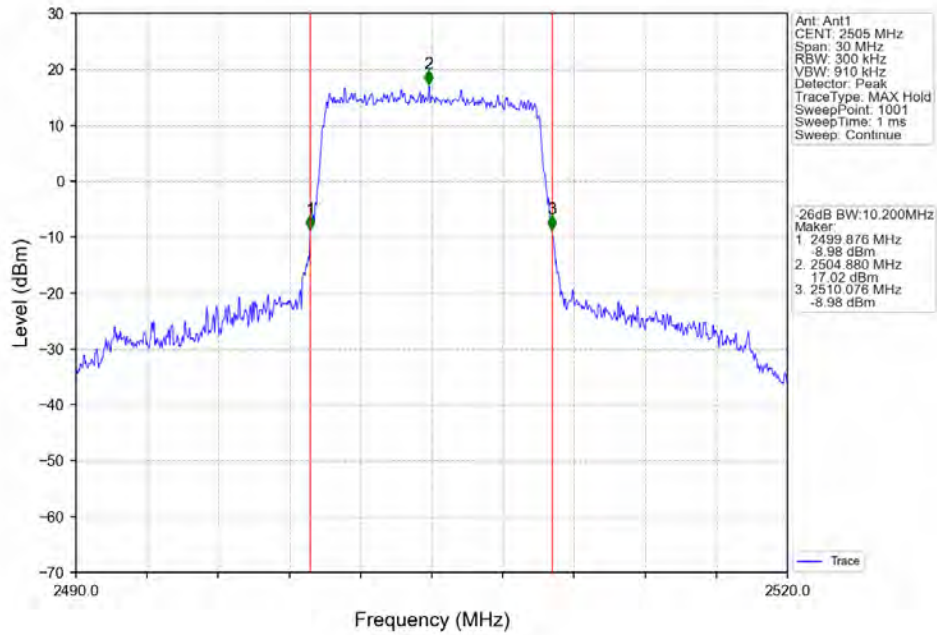
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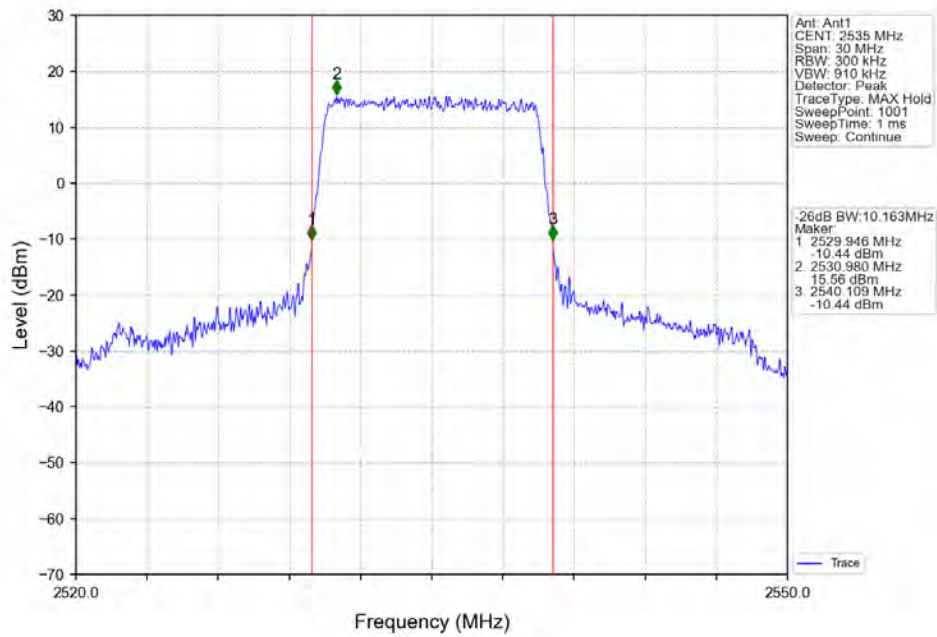
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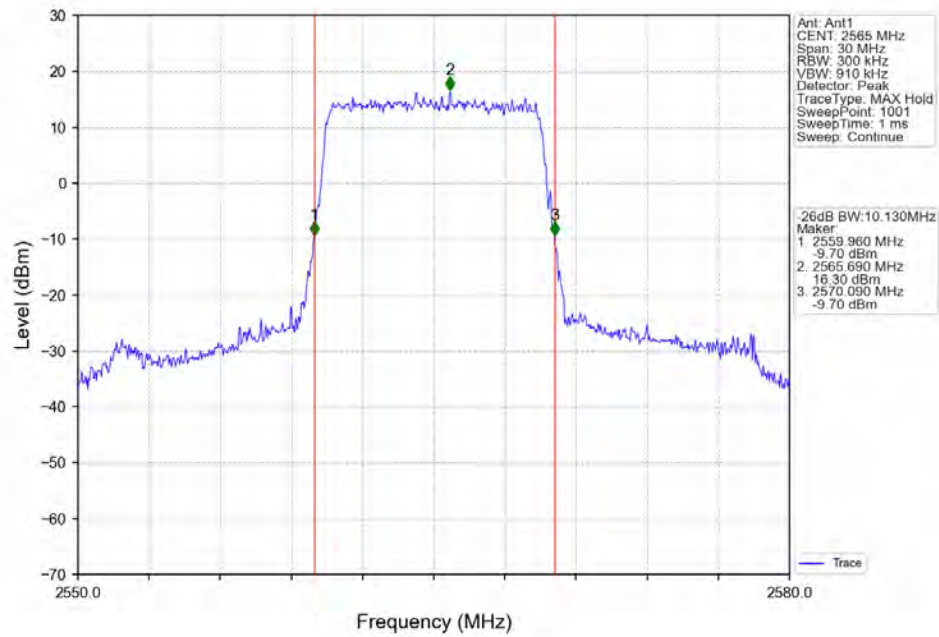
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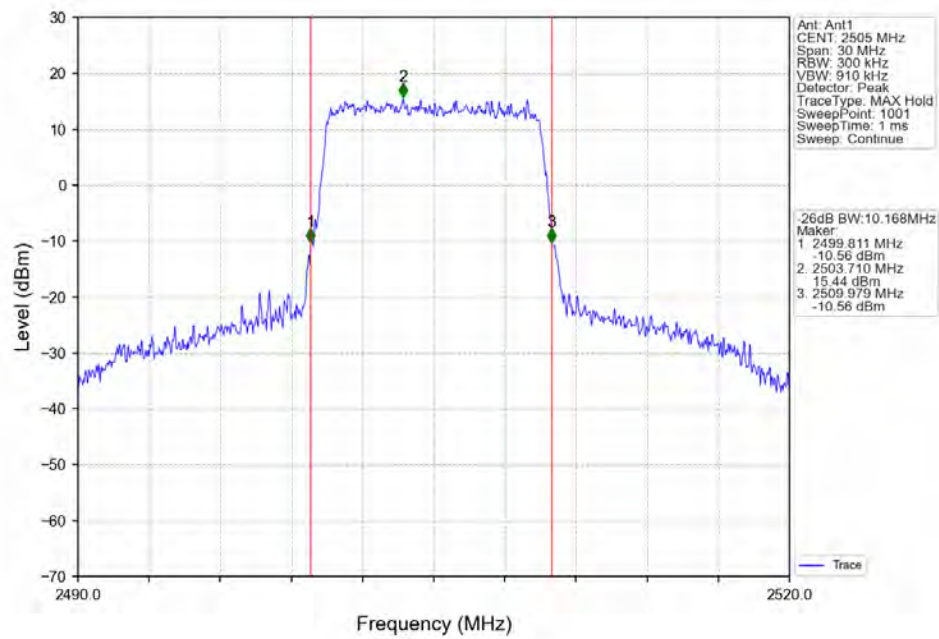
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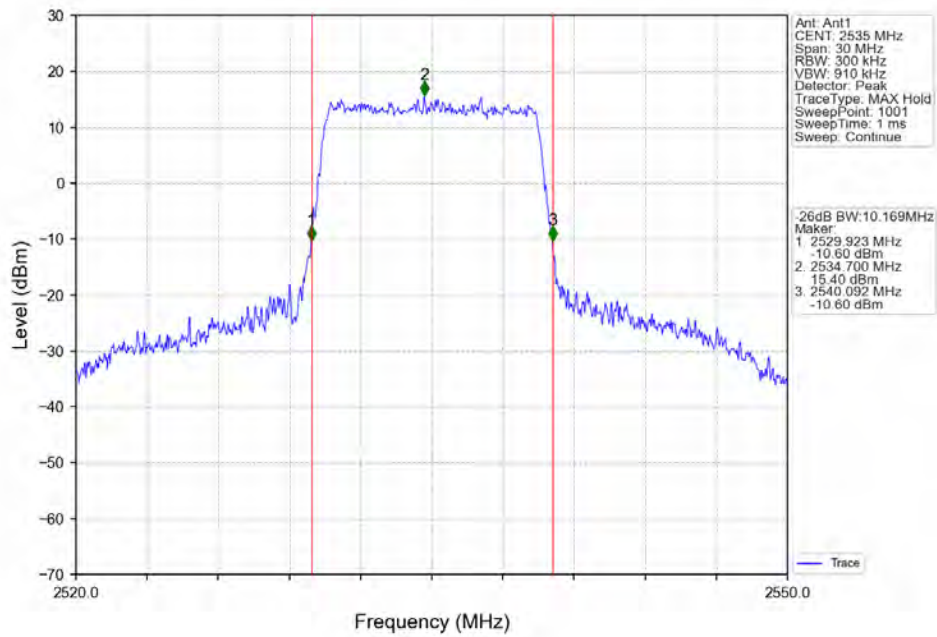
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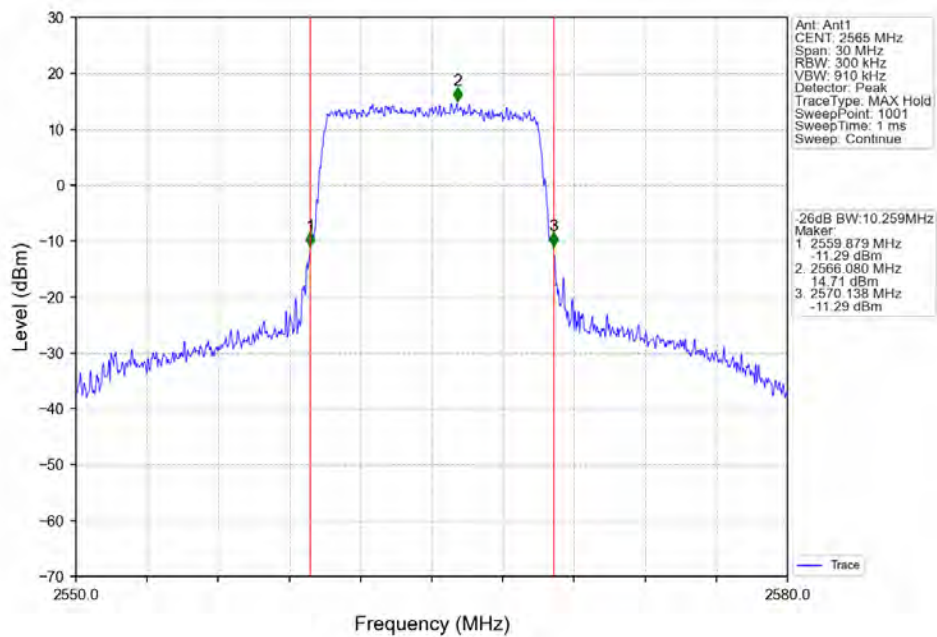
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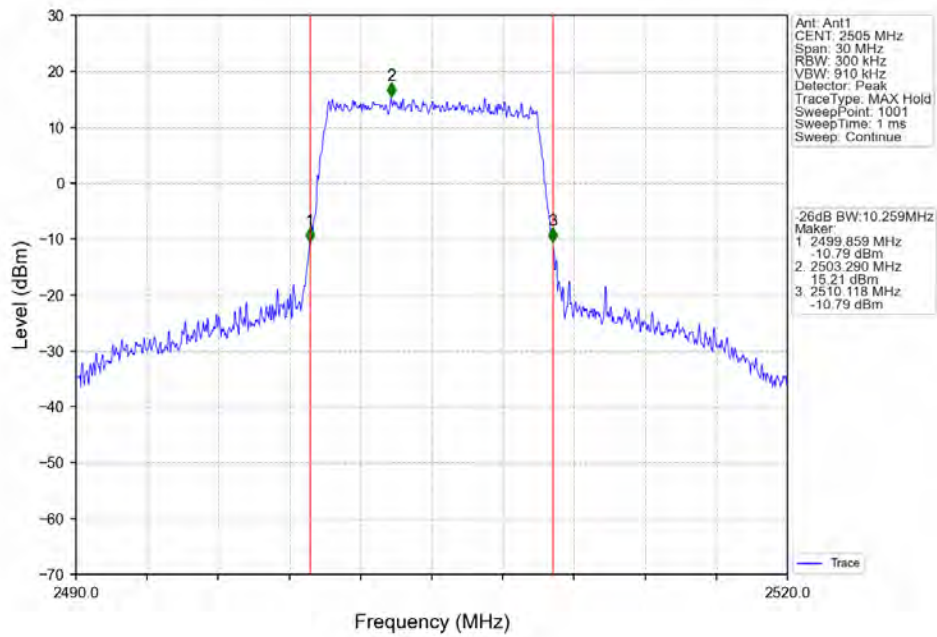
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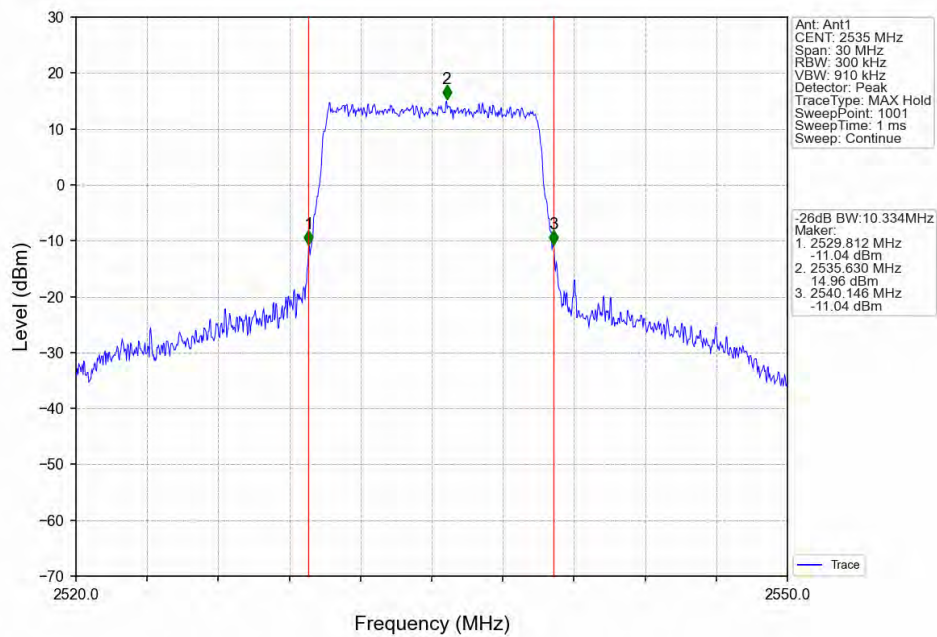
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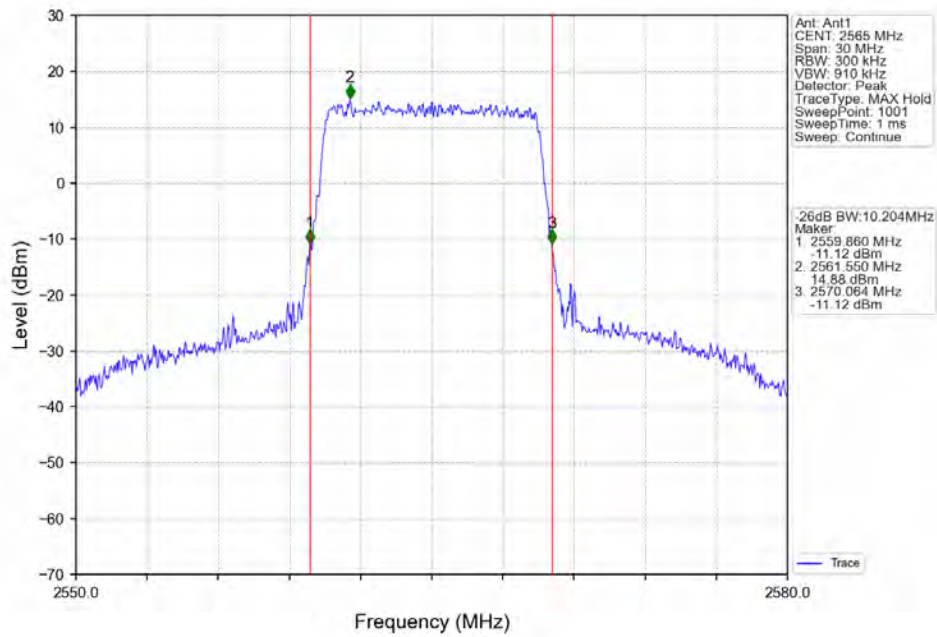
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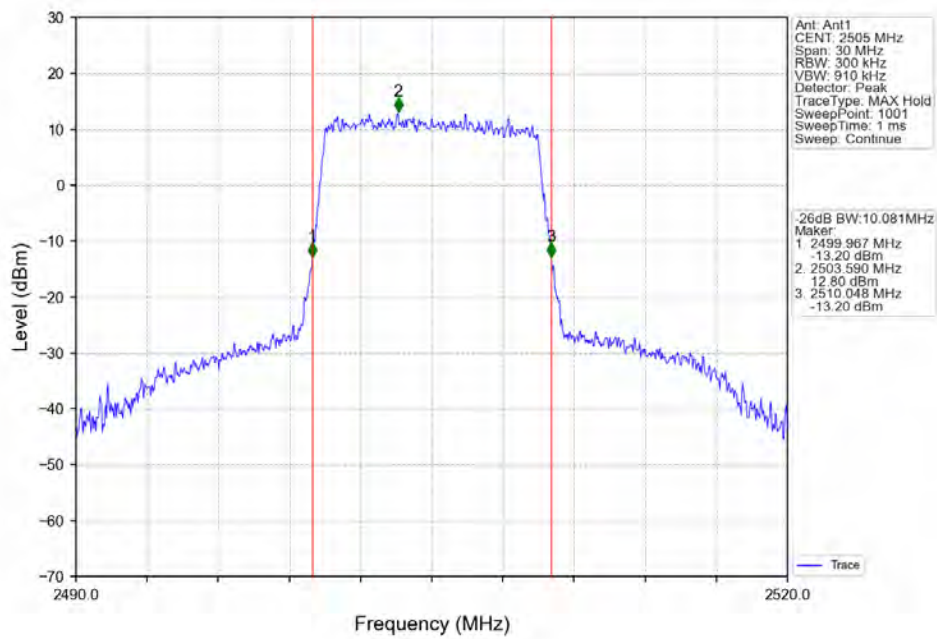
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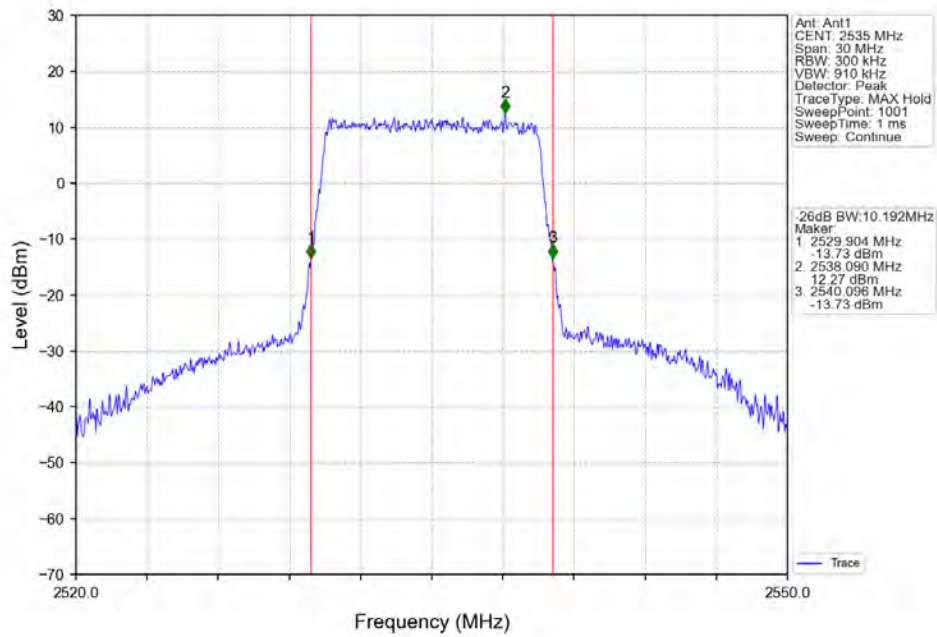
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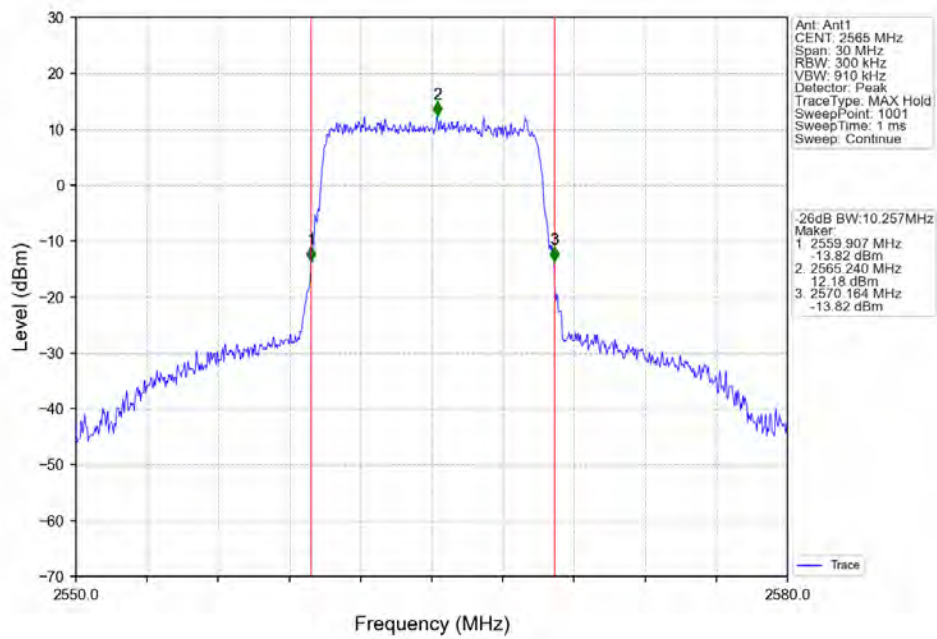
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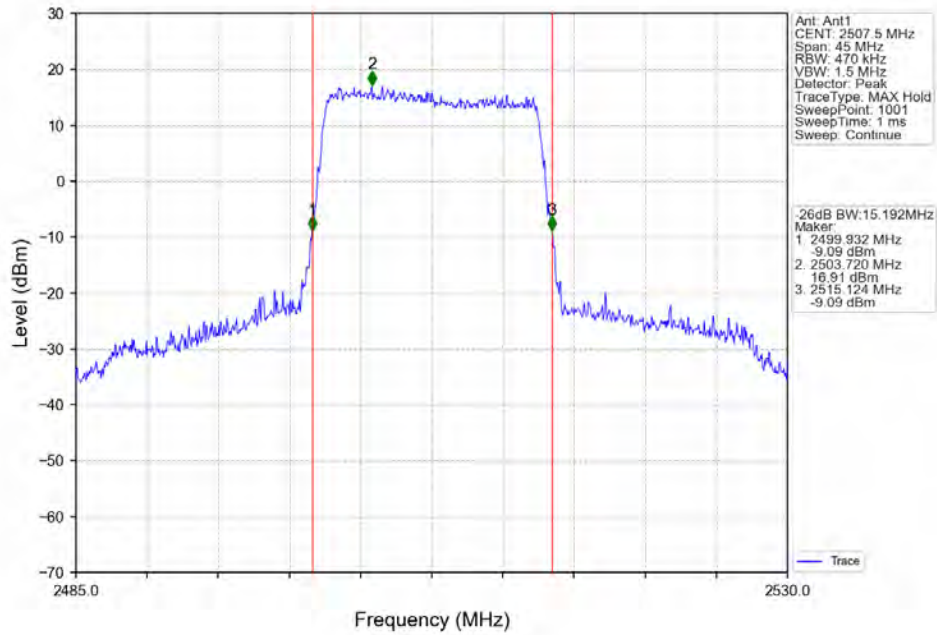
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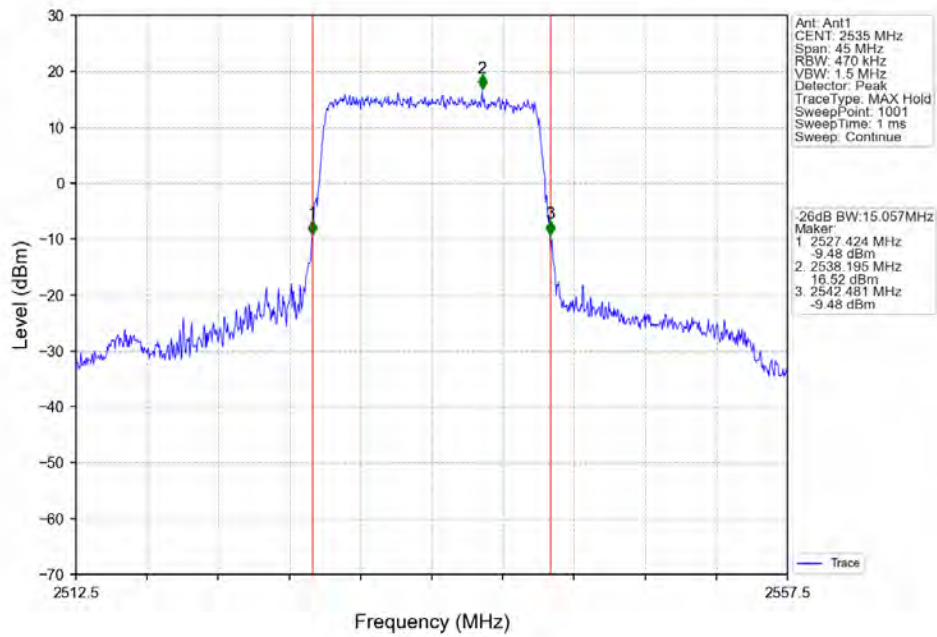
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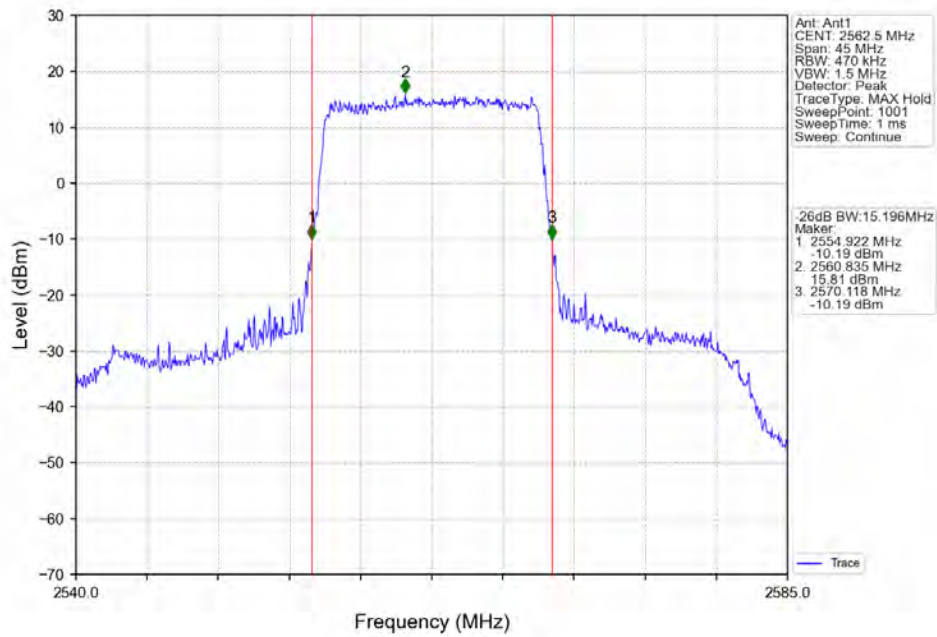
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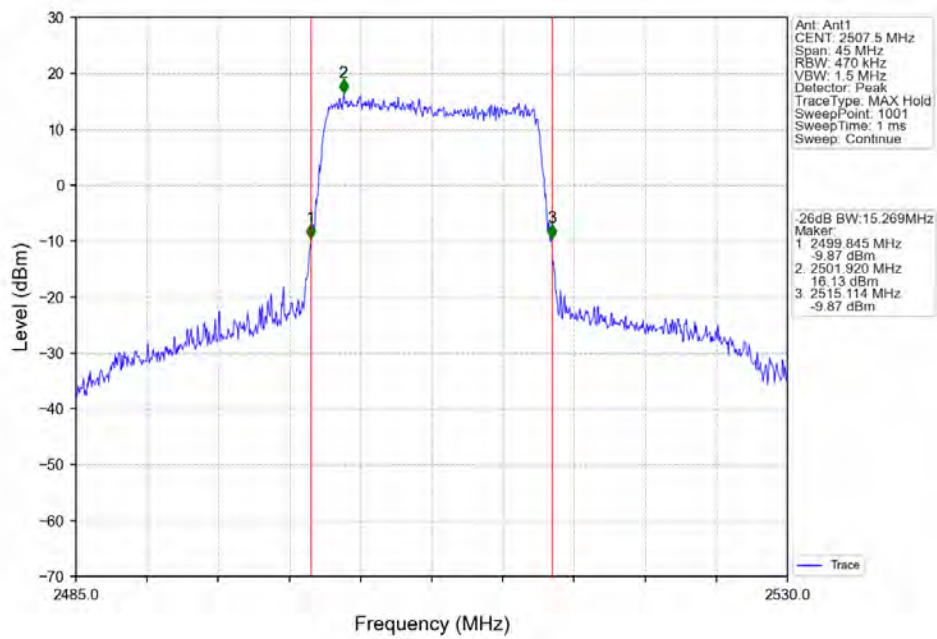
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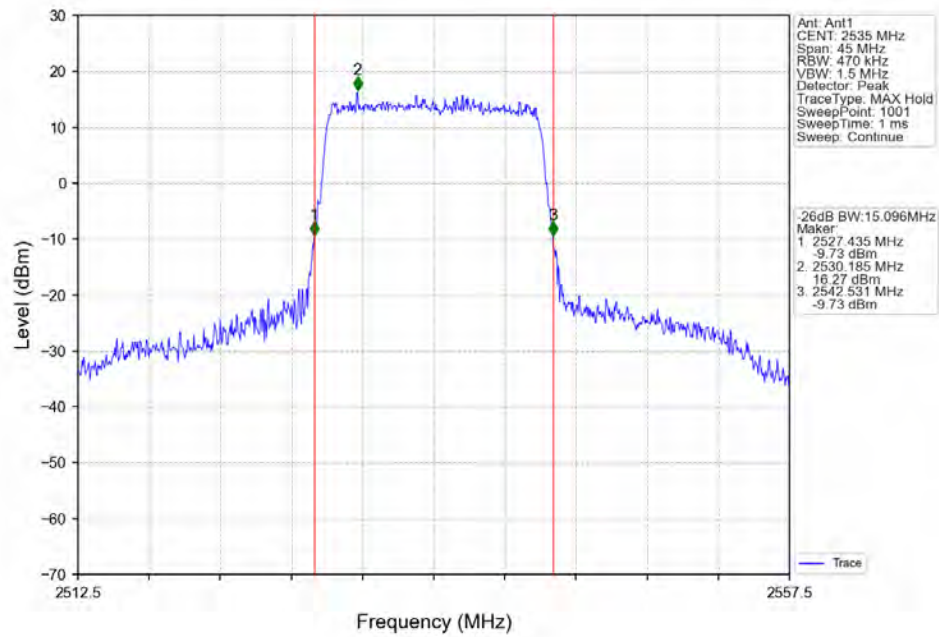
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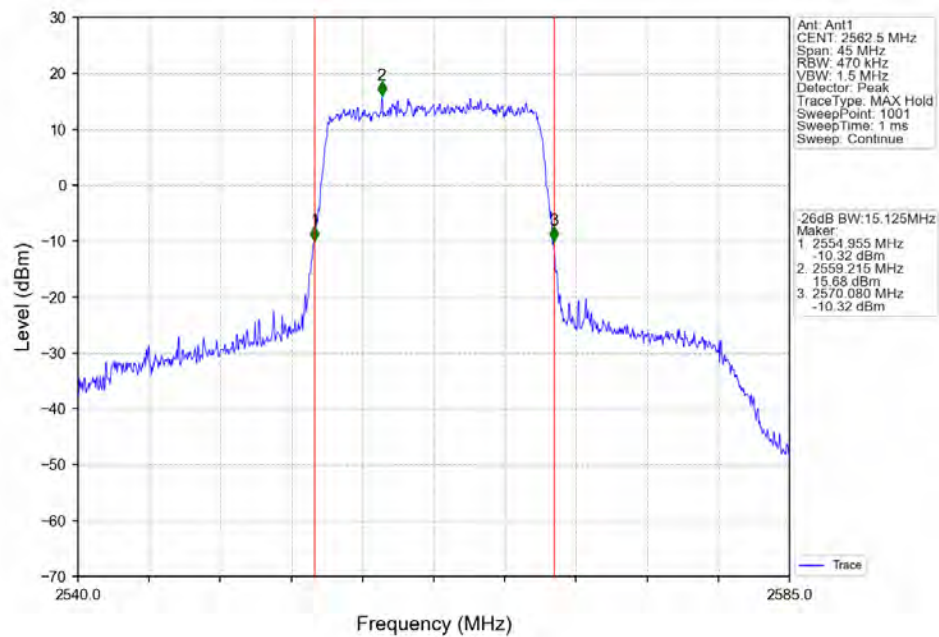
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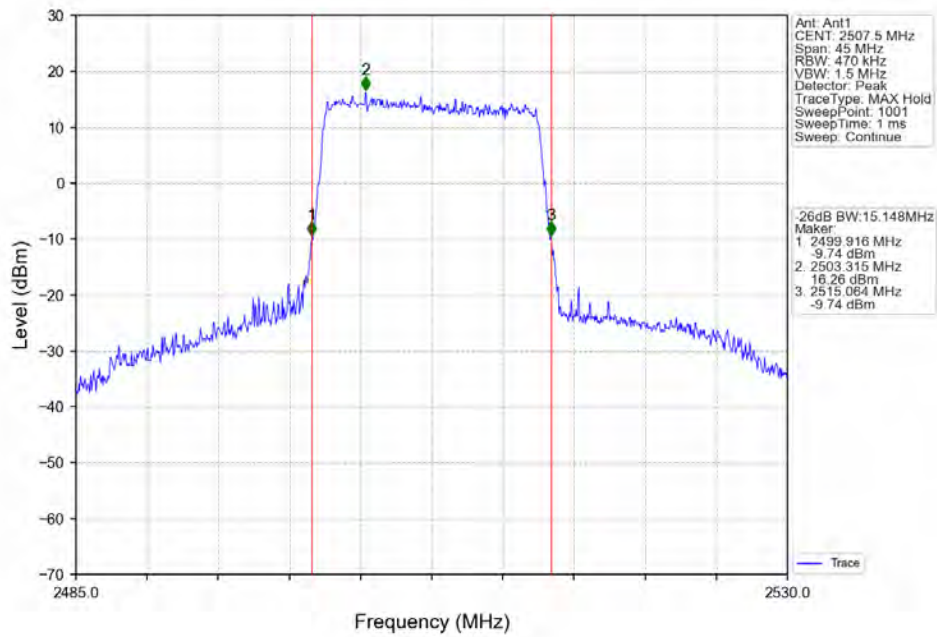
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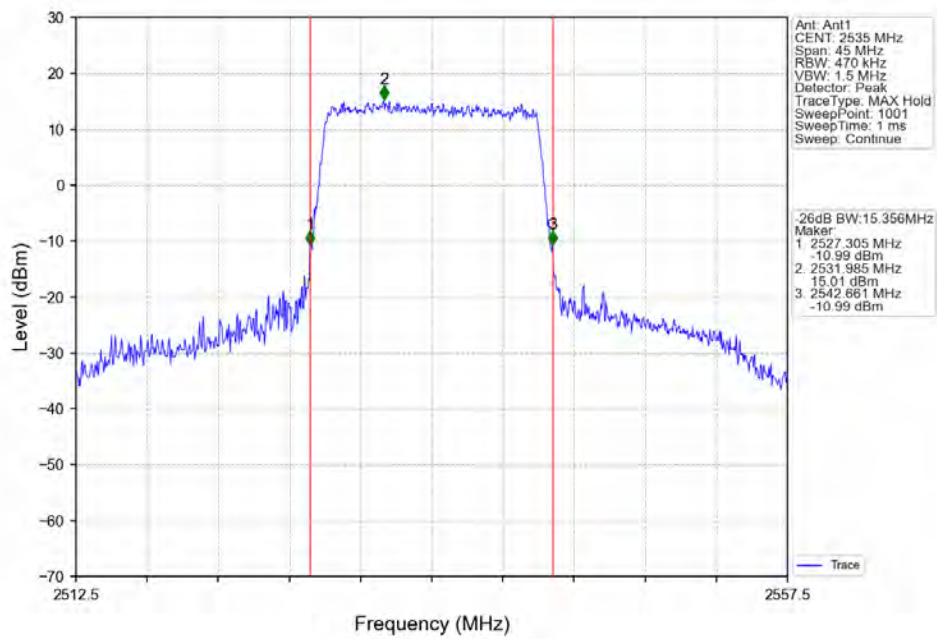
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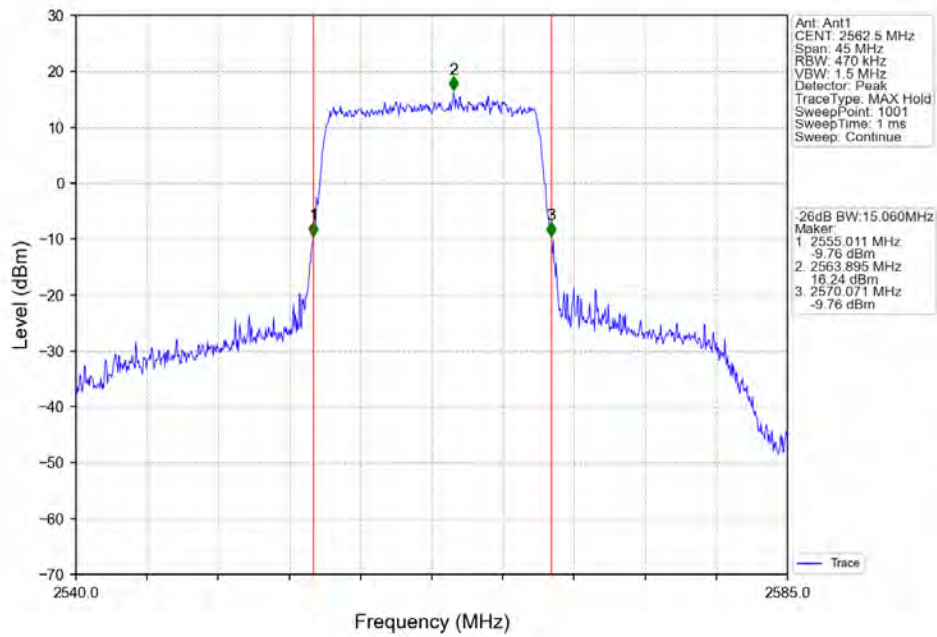
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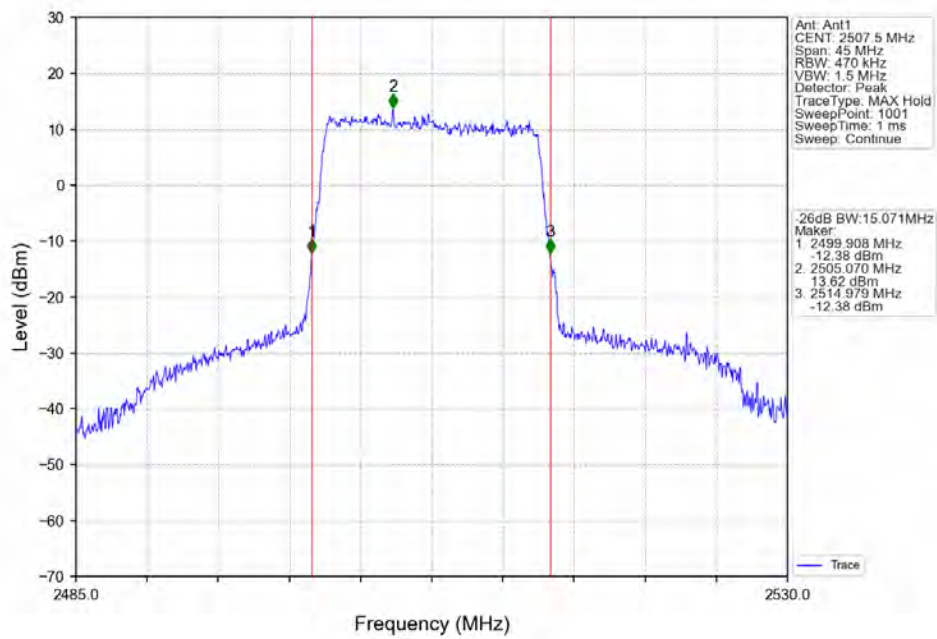
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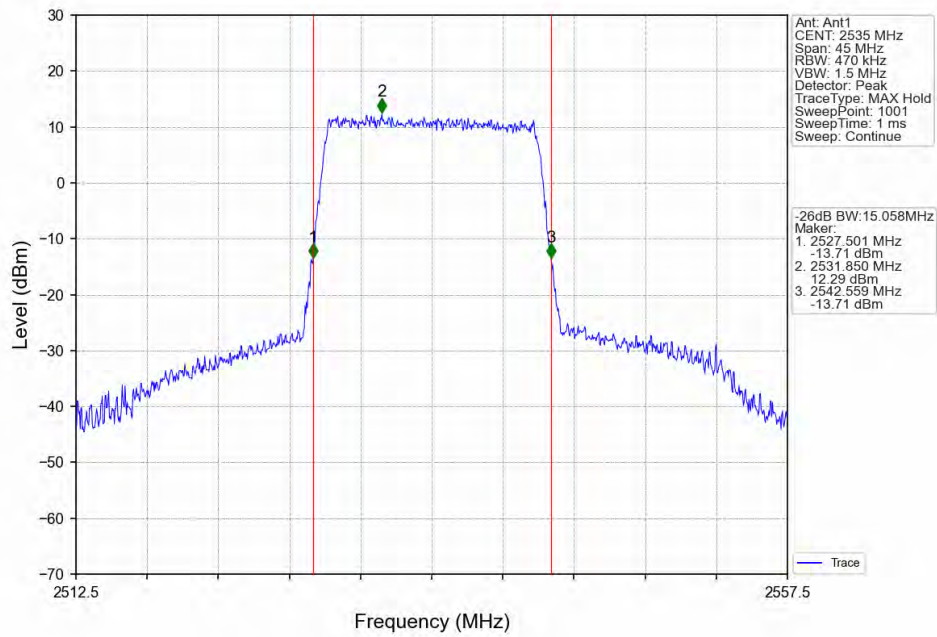
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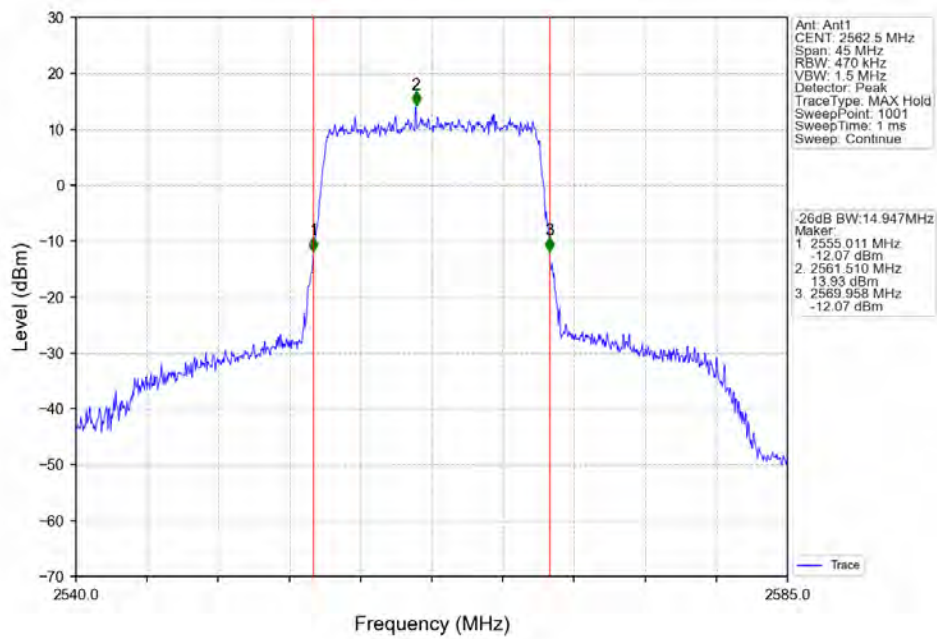
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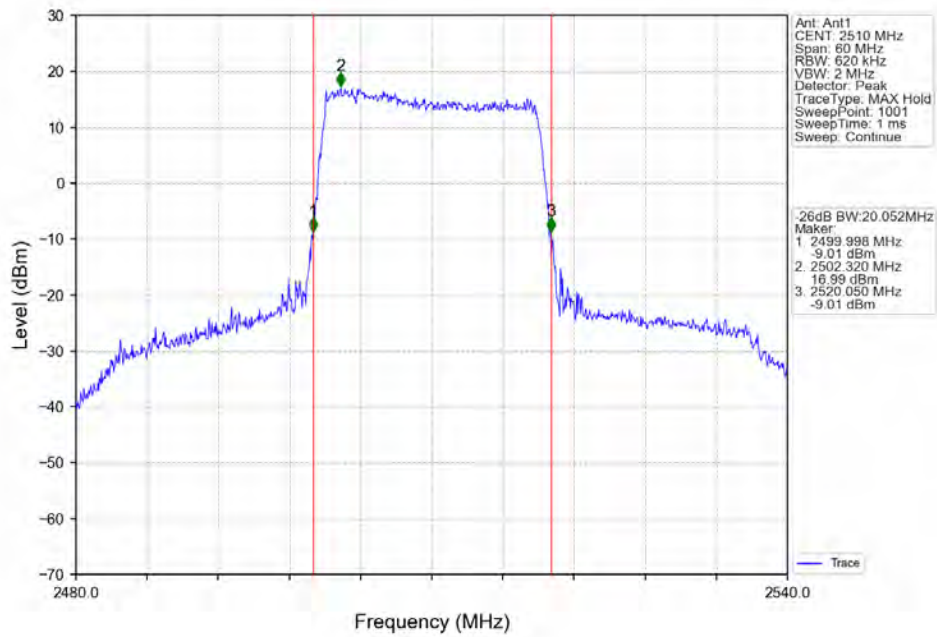
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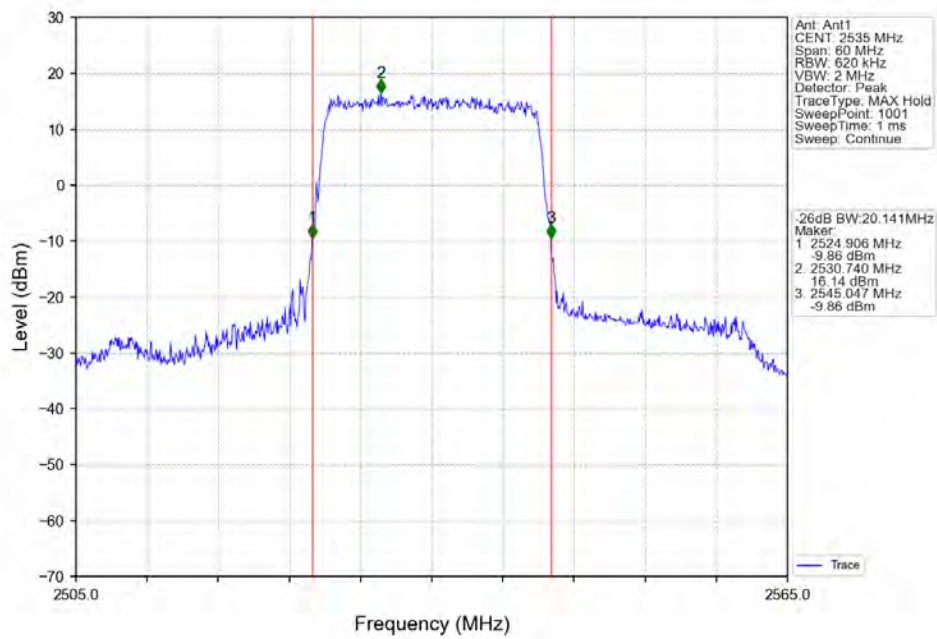
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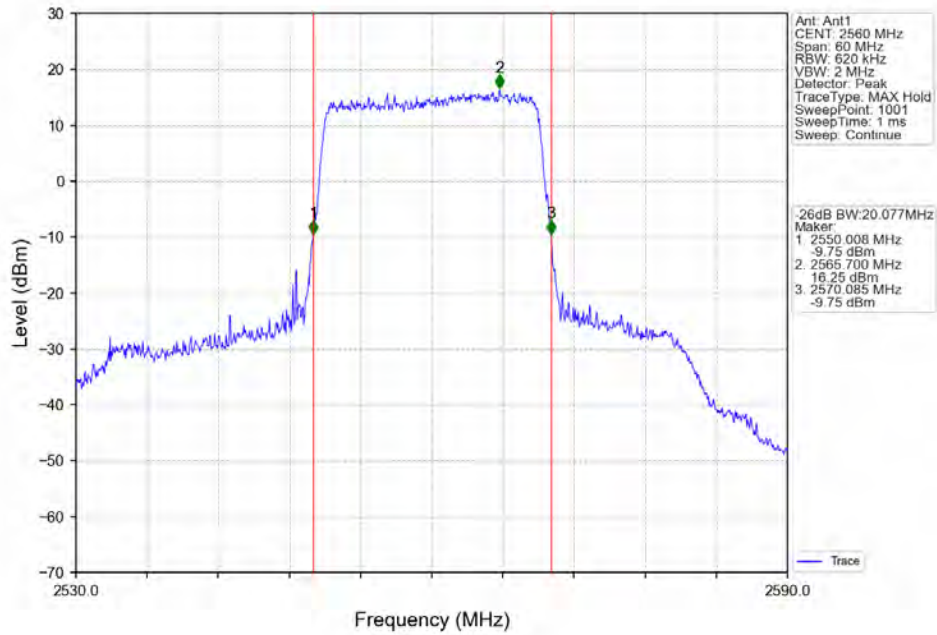
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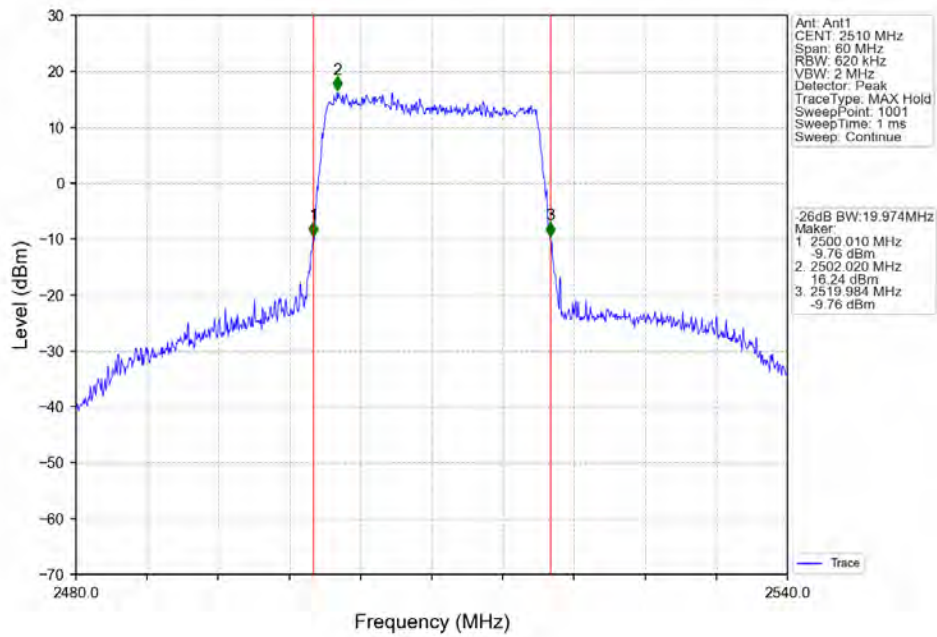
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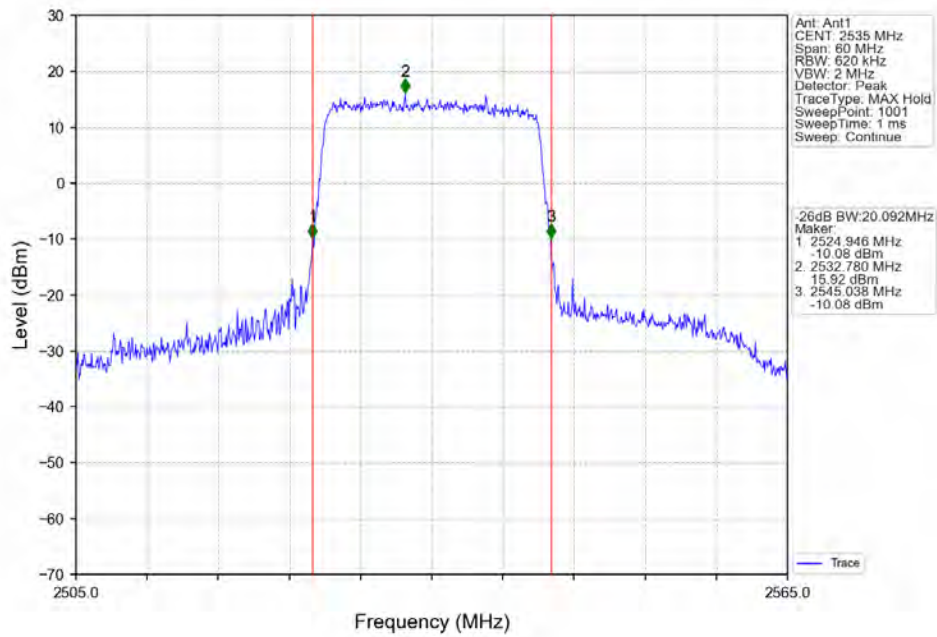
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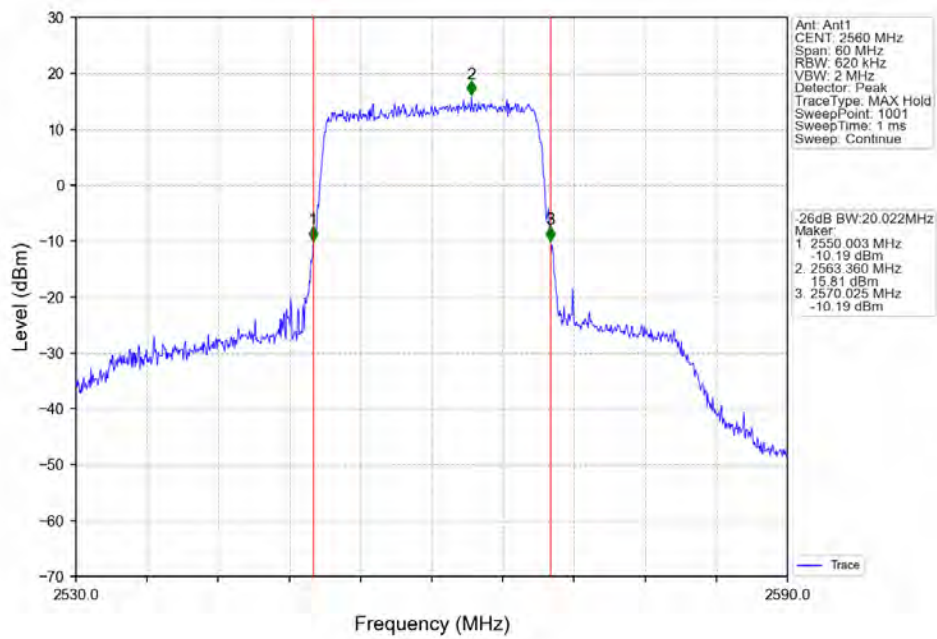
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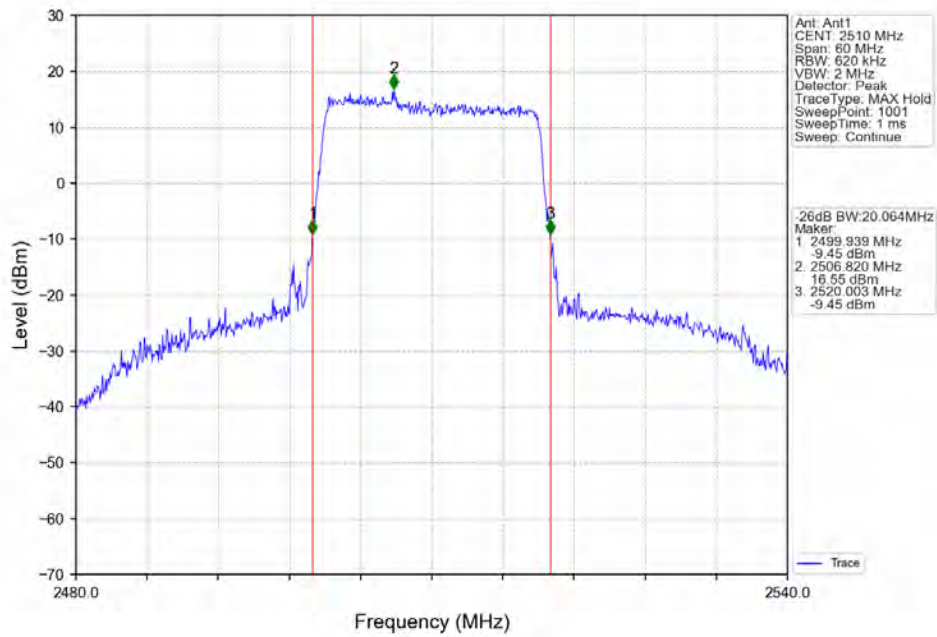
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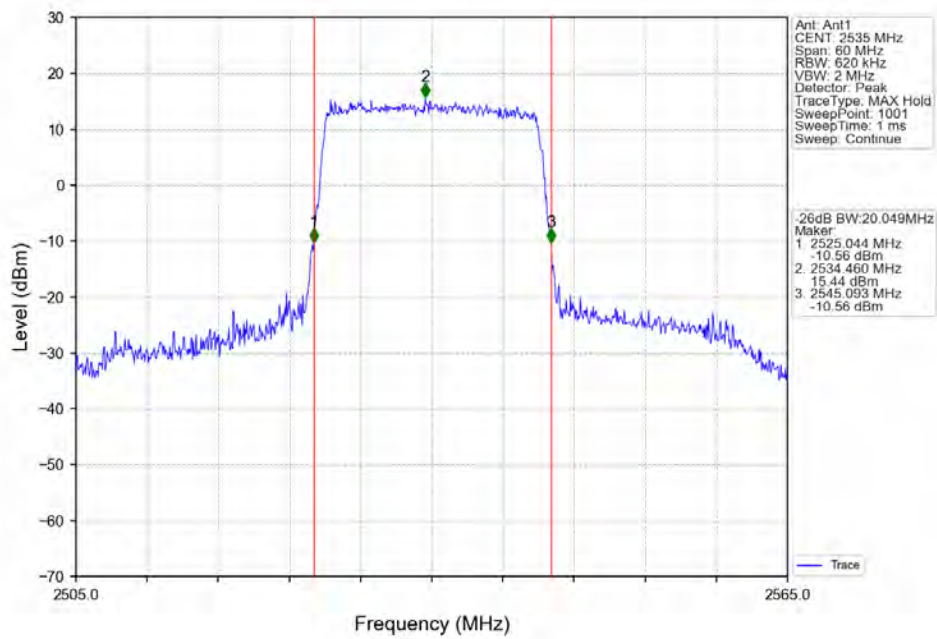
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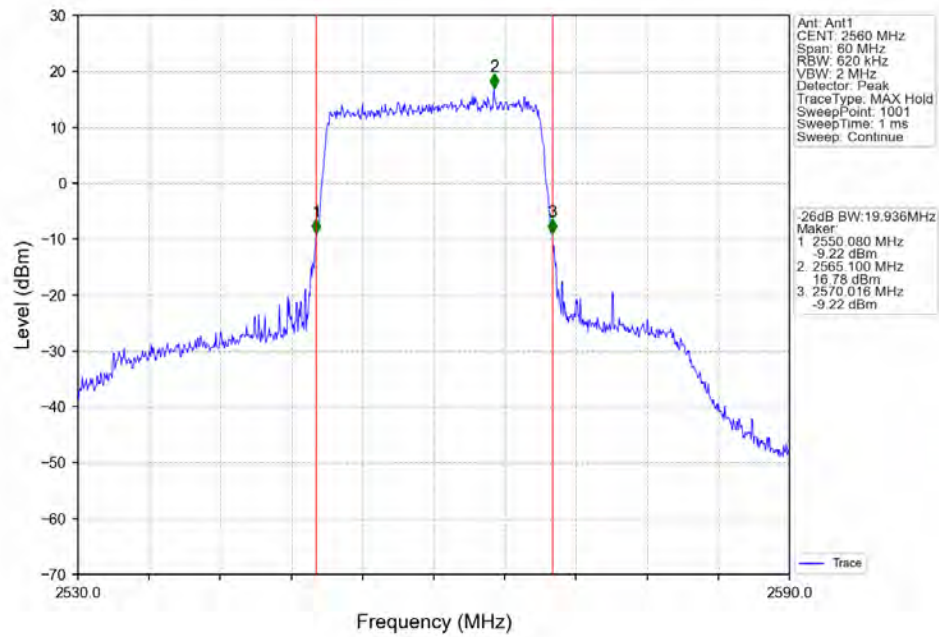
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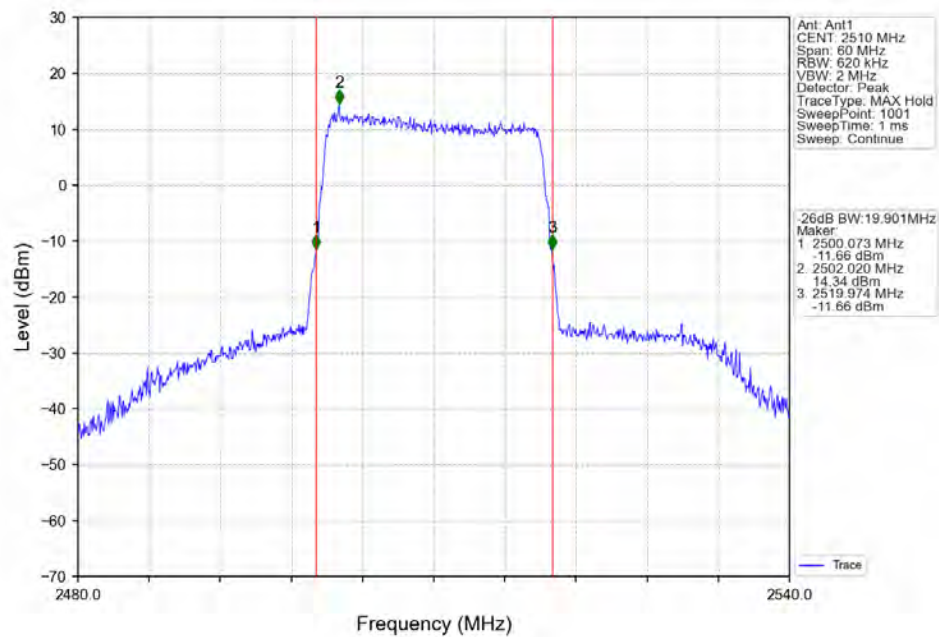
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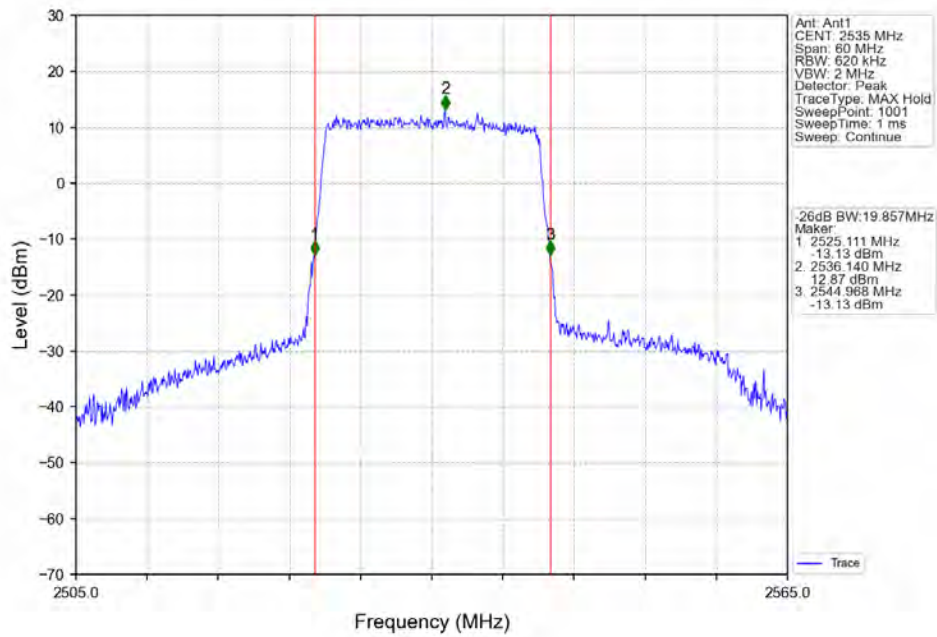
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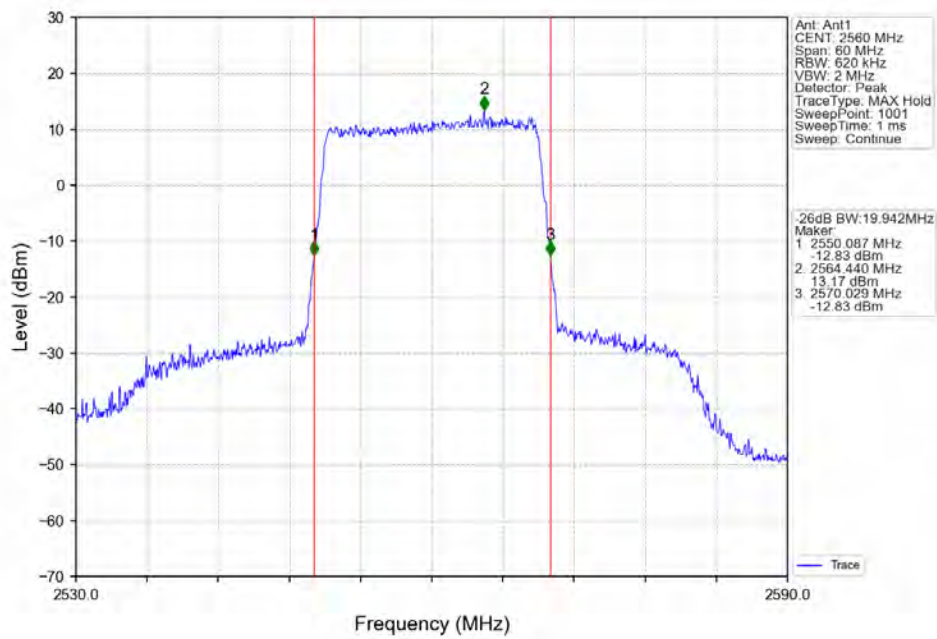
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Band7 20MHz 256QAM MCH 2535MHz RB 100 0 NTNV



Band7 20MHz 256QAM HCH 2560MHz RB 100 0 NTNV



4. Peak-Average Ratio

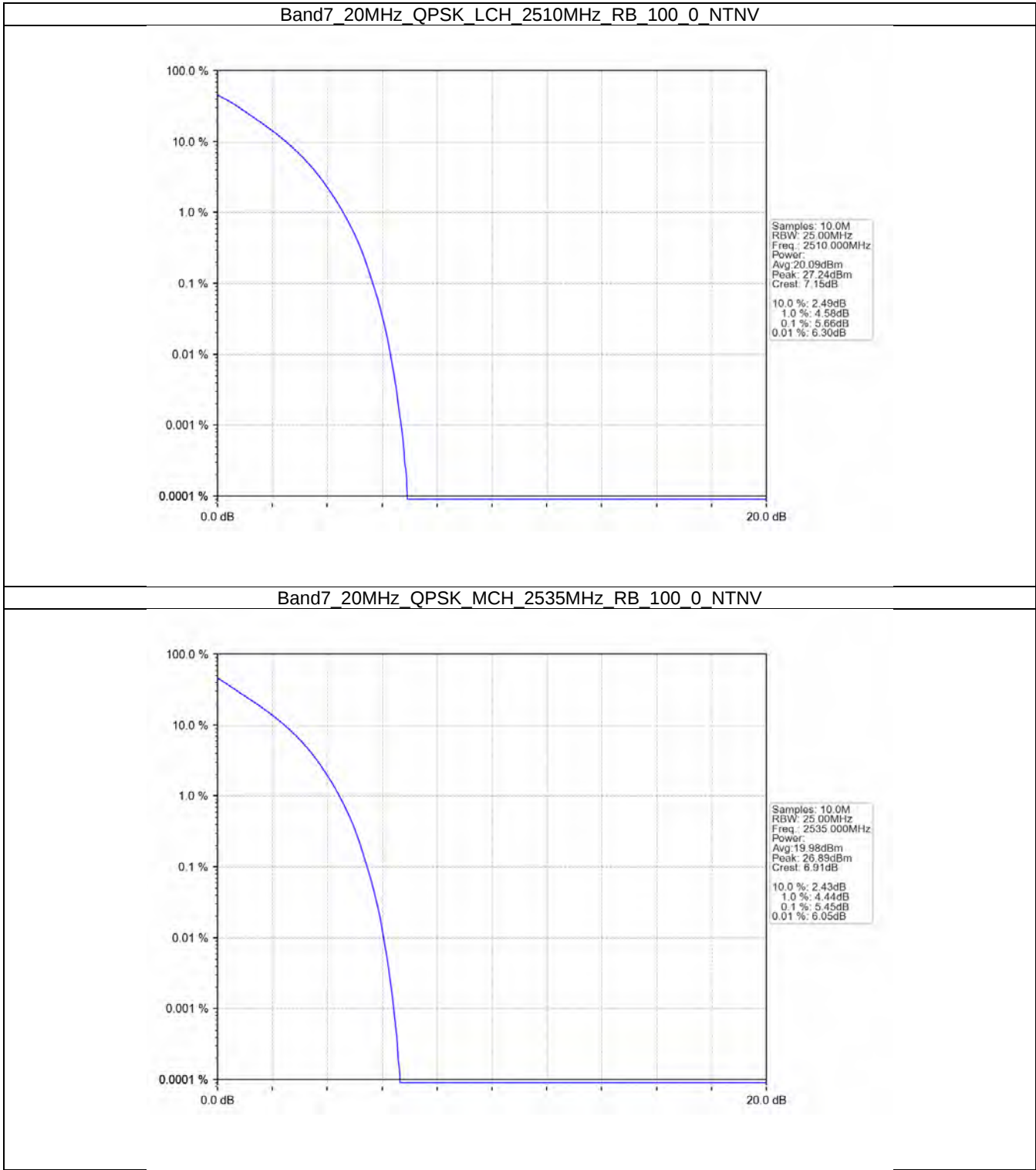
4.1 Test Result

4.1.1 B7_20MHz

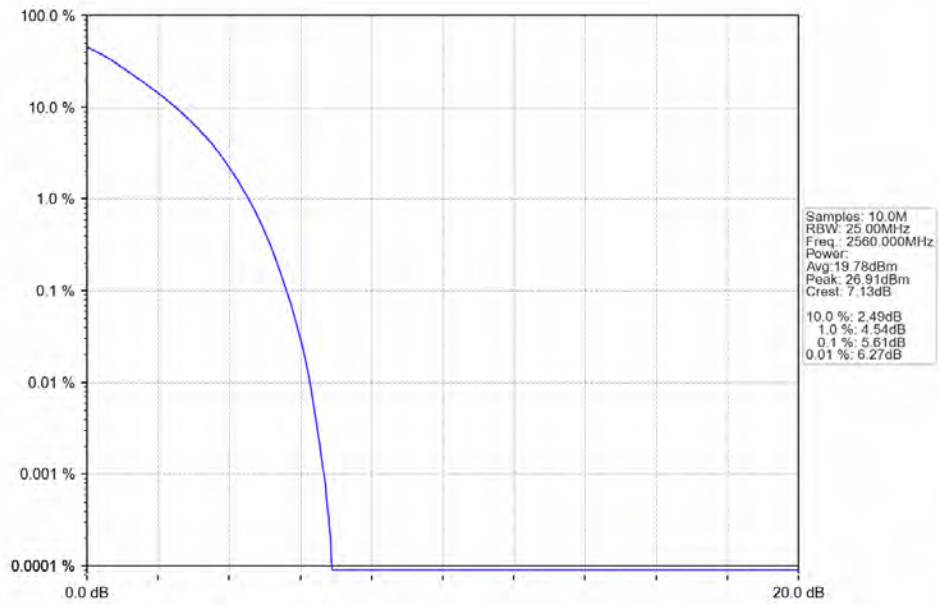
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.66	<=13	Pass
	2535	100	0	5.45	<=13	Pass
	2560	100	0	5.61	<=13	Pass
16QAM	2510	100	0	6.41	<=13	Pass
	2535	100	0	6.23	<=13	Pass
	2560	100	0	6.39	<=13	Pass
64QAM	2510	100	0	6.40	<=13	Pass
	2535	100	0	6.22	<=13	Pass
	2560	100	0	6.38	<=13	Pass
256QAM	2510	100	0	6.89	<=13	Pass
	2535	100	0	6.81	<=13	Pass
	2560	100	0	6.87	<=13	Pass

4.2 Test Graph

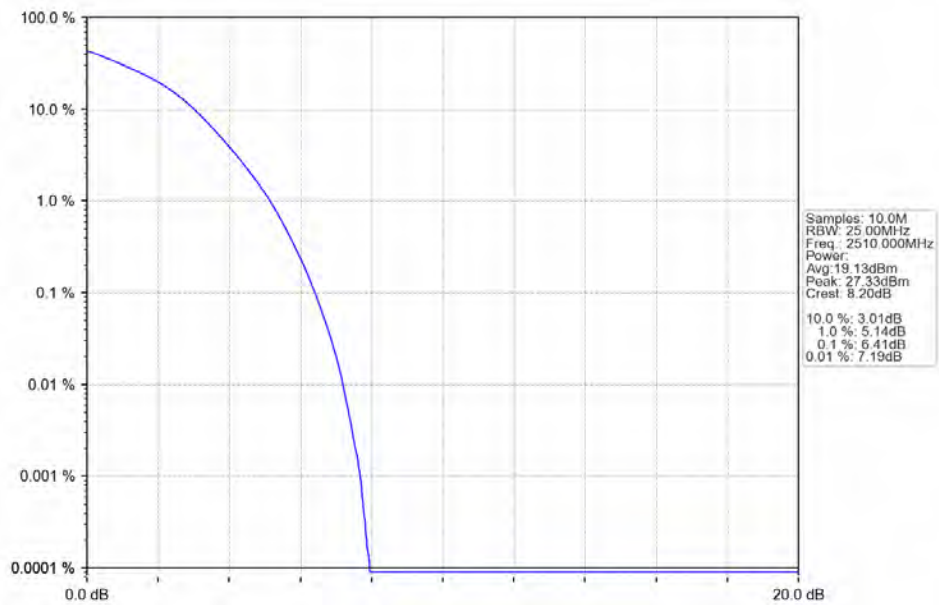
4.2.1 B7_20MHz



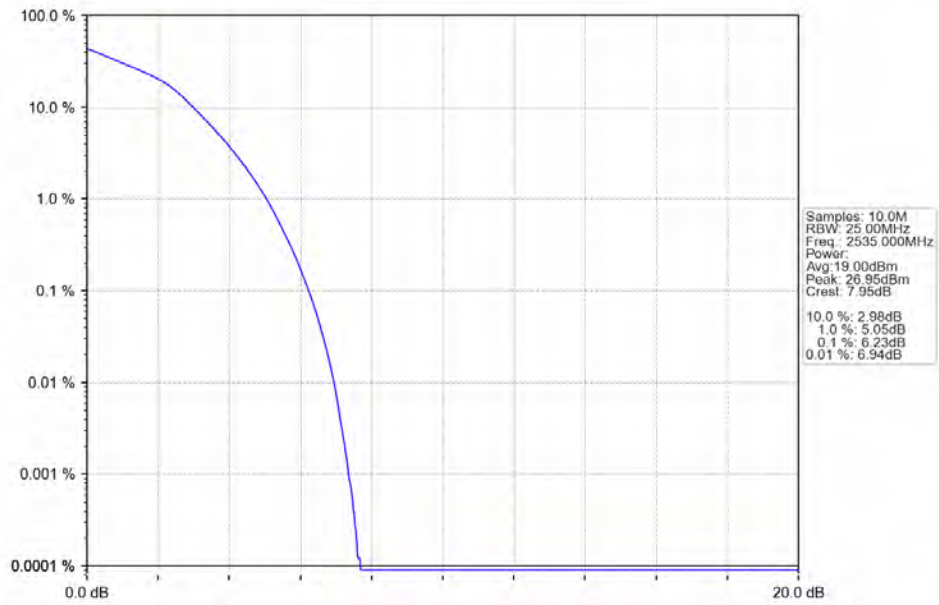
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



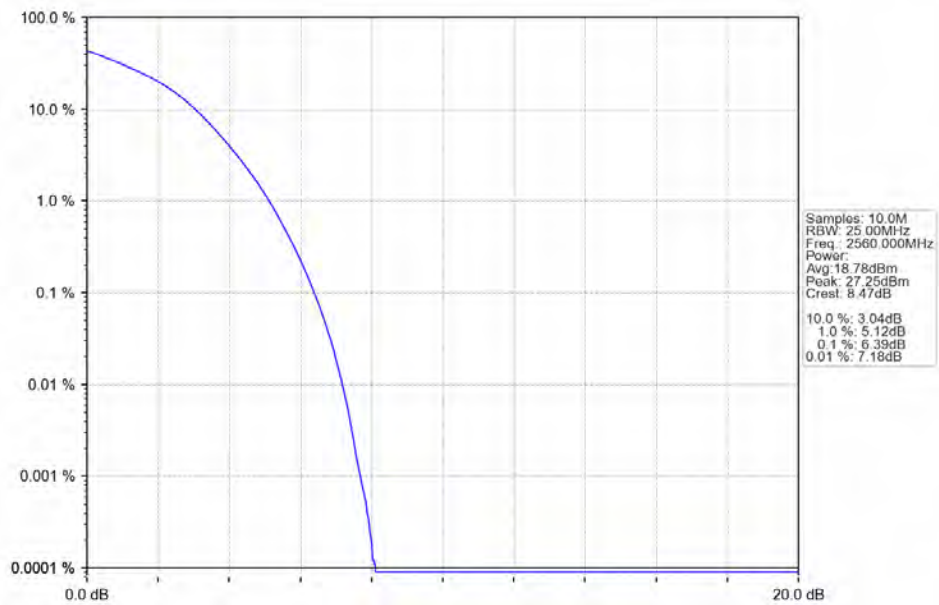
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTNV



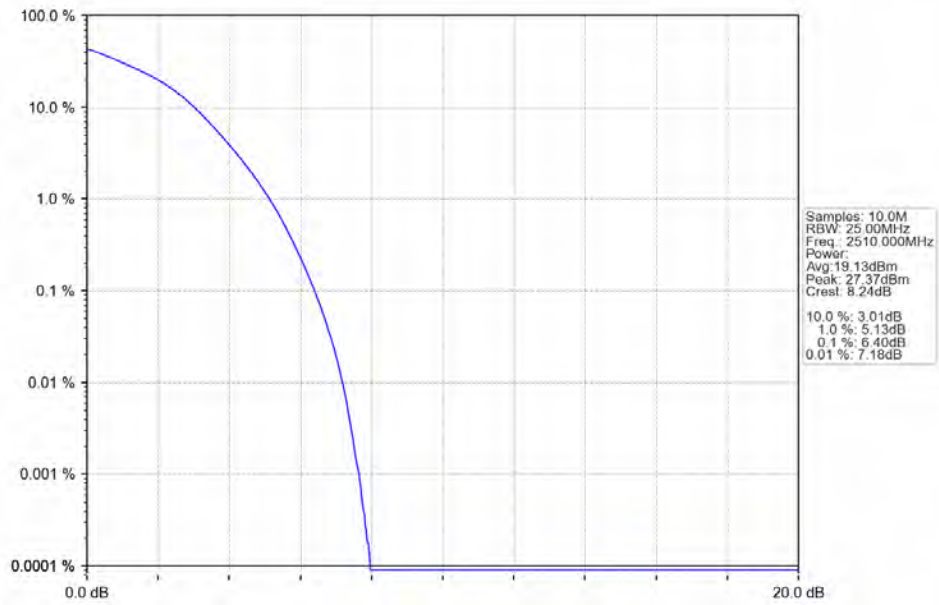
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



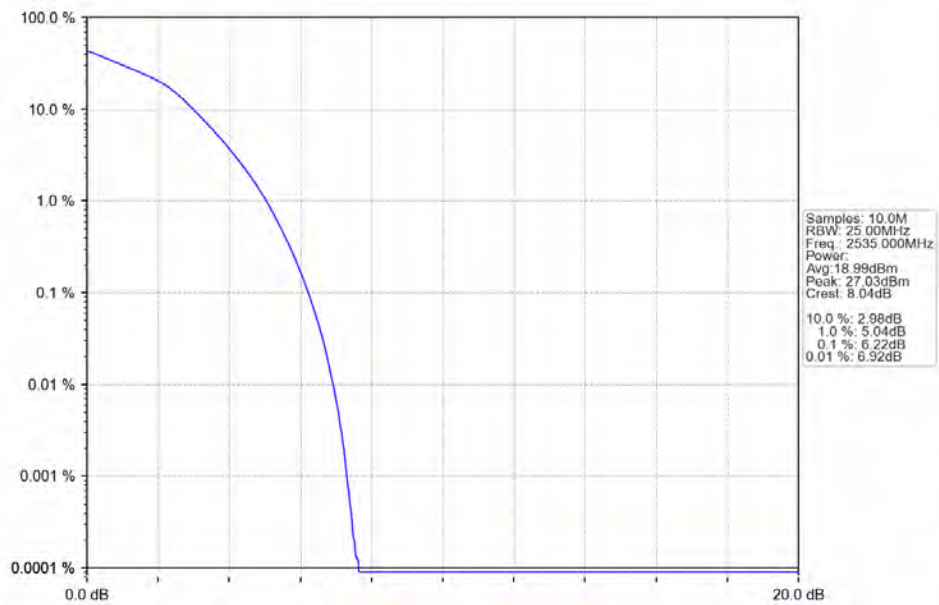
Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTNV



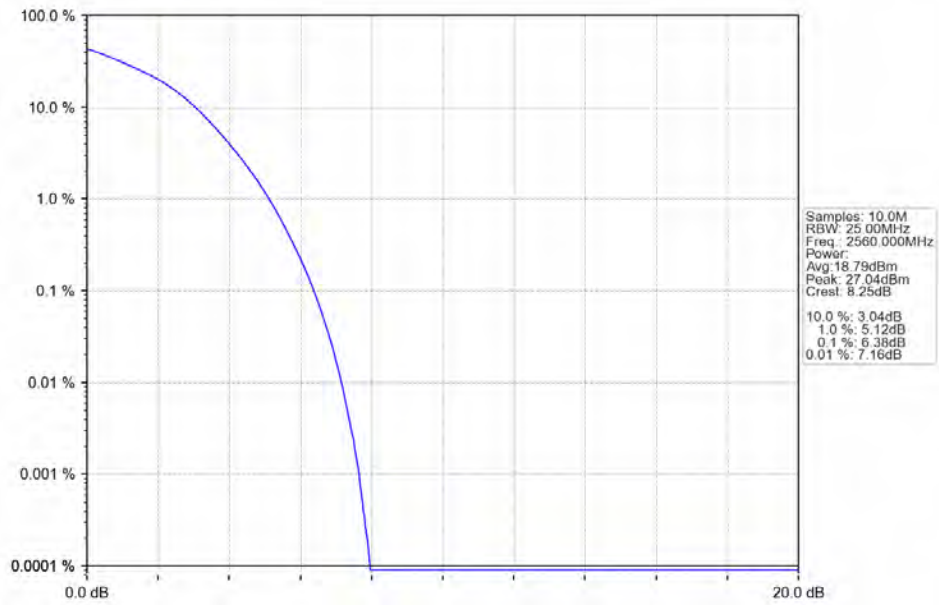
Band7 20MHz 64QAM LCH 2510MHz RB 100 0 NTNV



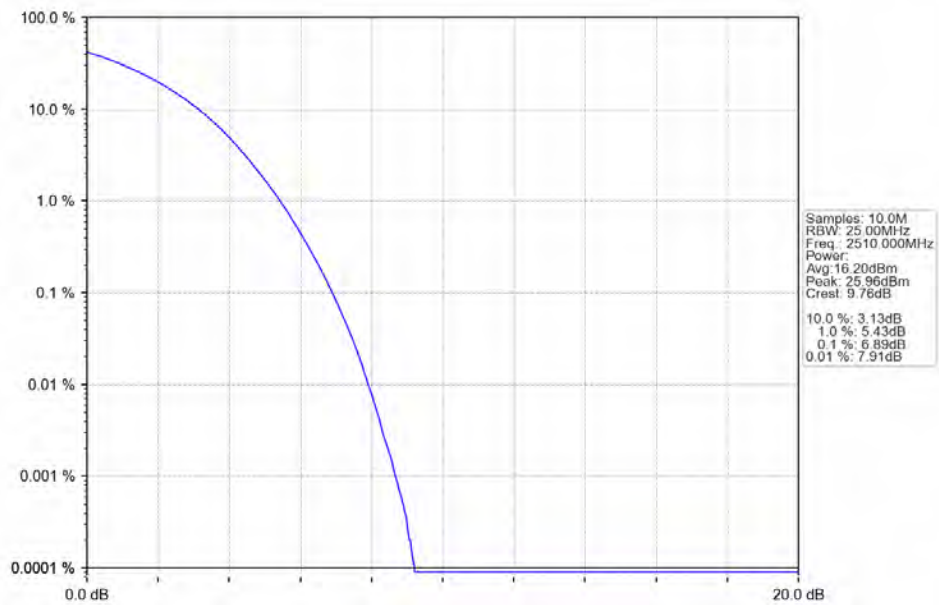
Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTNV



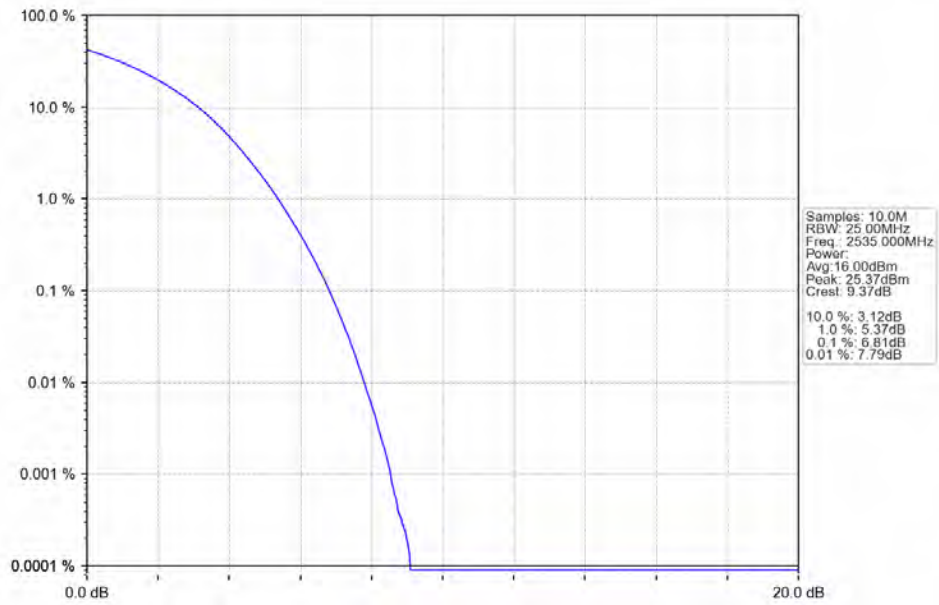
Band7 20MHz 64QAM HCH 2560MHz RB 100 0 NTNV



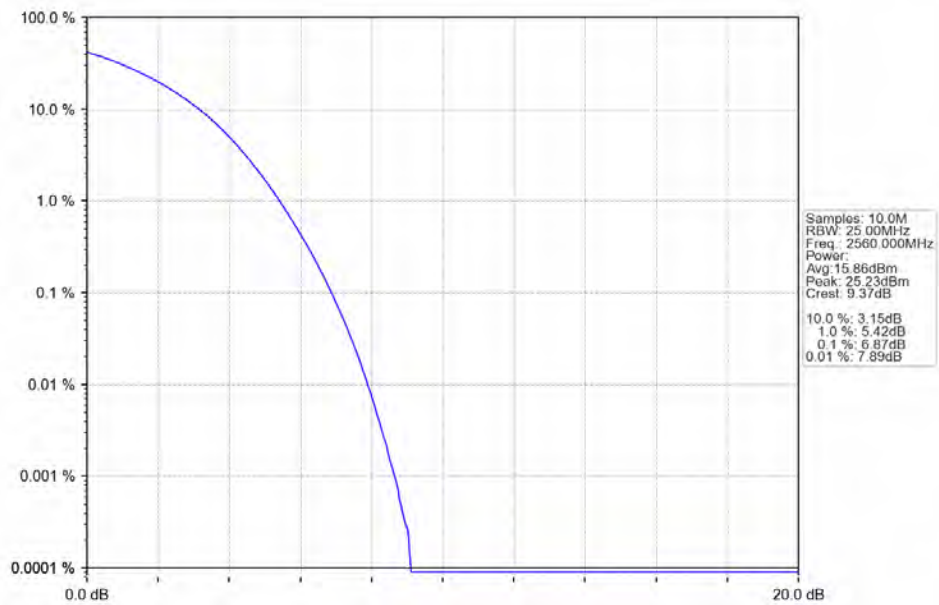
Band7 20MHz 256QAM LCH 2510MHz RB 100 0 NTNV



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



Band7 20MHz 256QAM HCH 2560MHz RB 100 0 NTNV



5. Spurious Emission & Band Edges

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

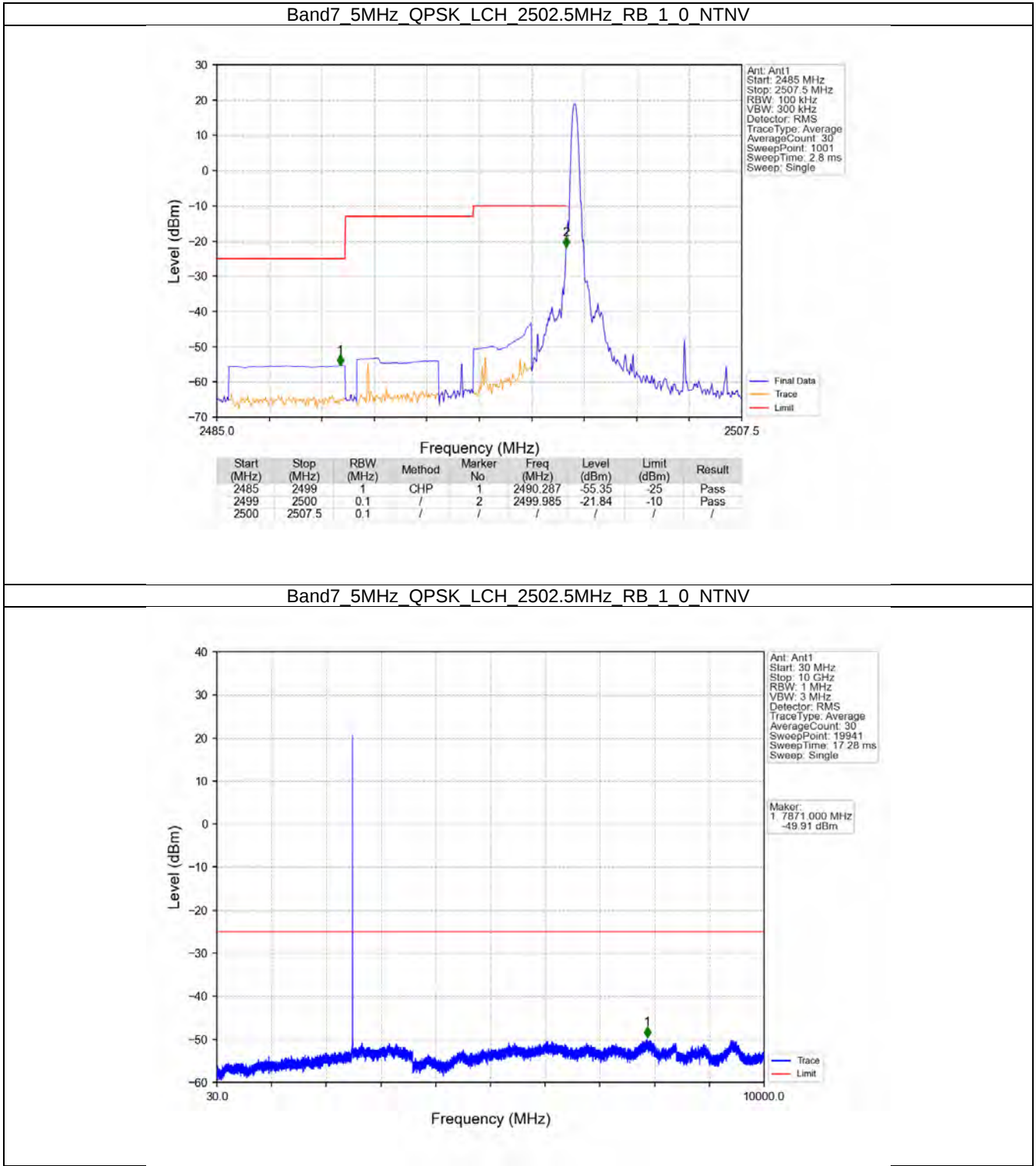
Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B7_20MHz

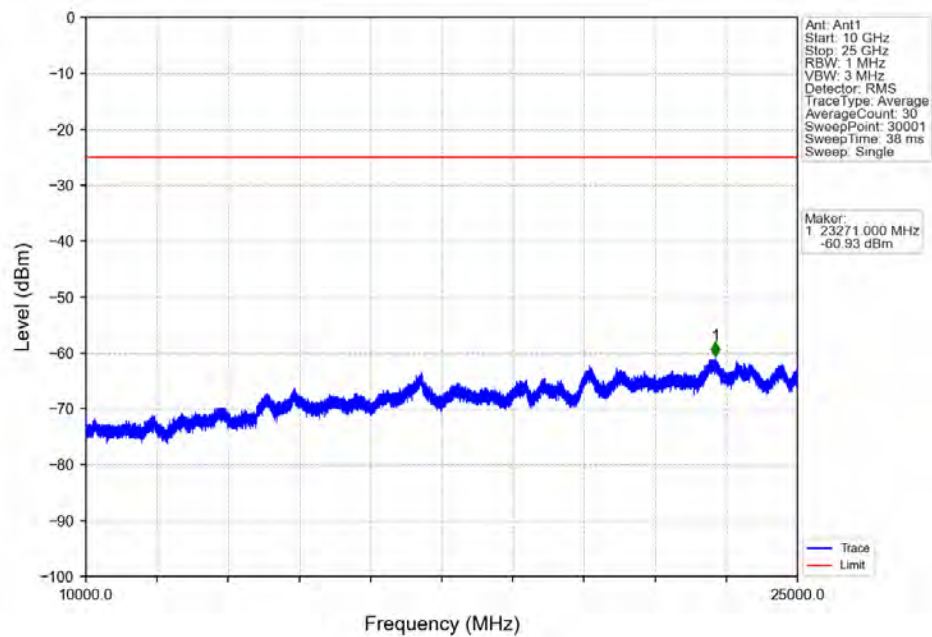
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

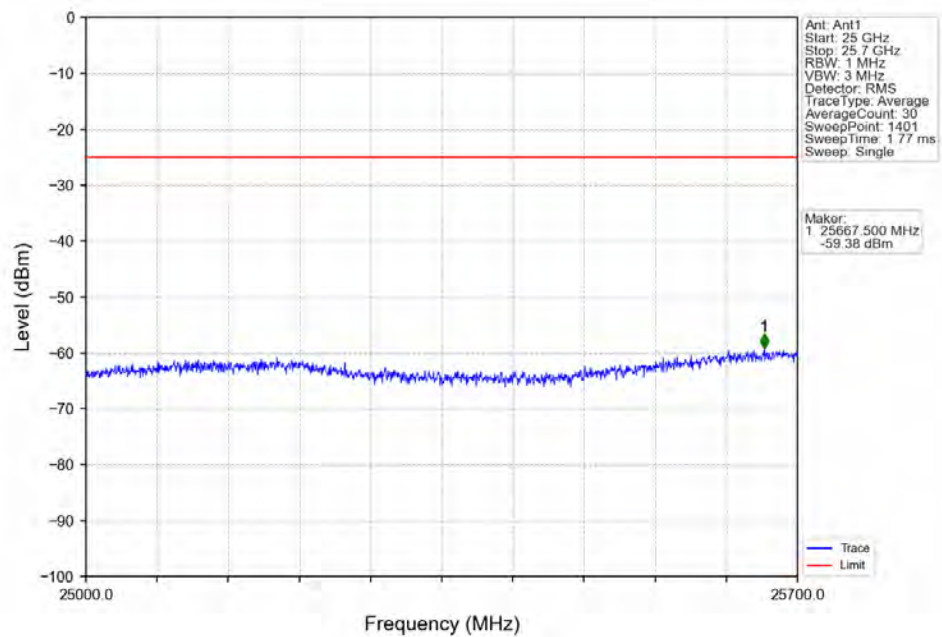
5.2.1 B7_5MHz



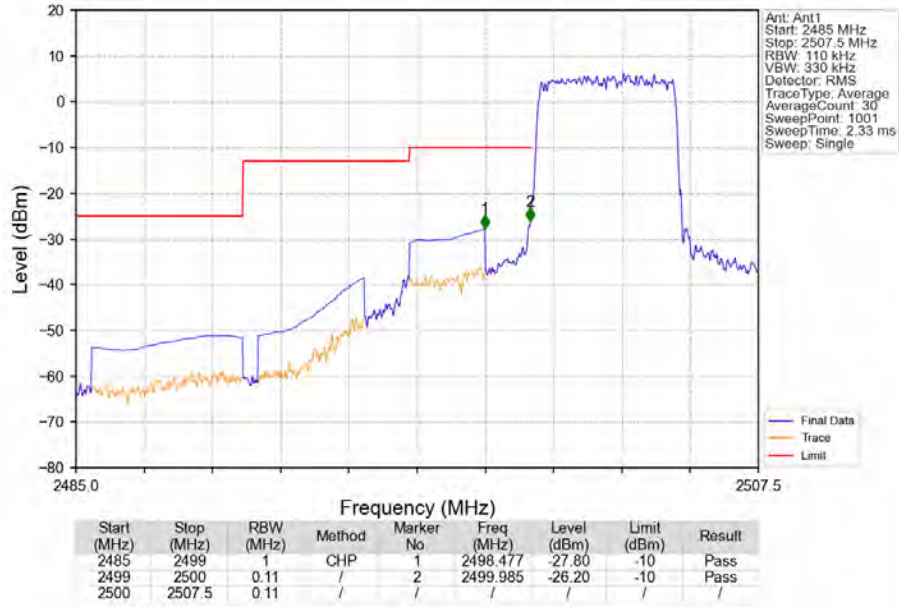
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



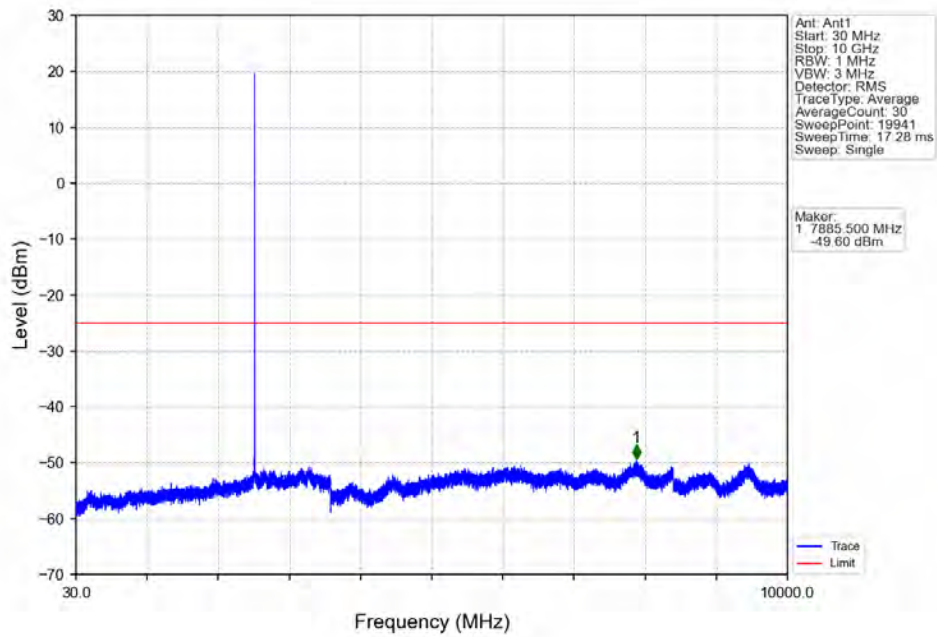
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



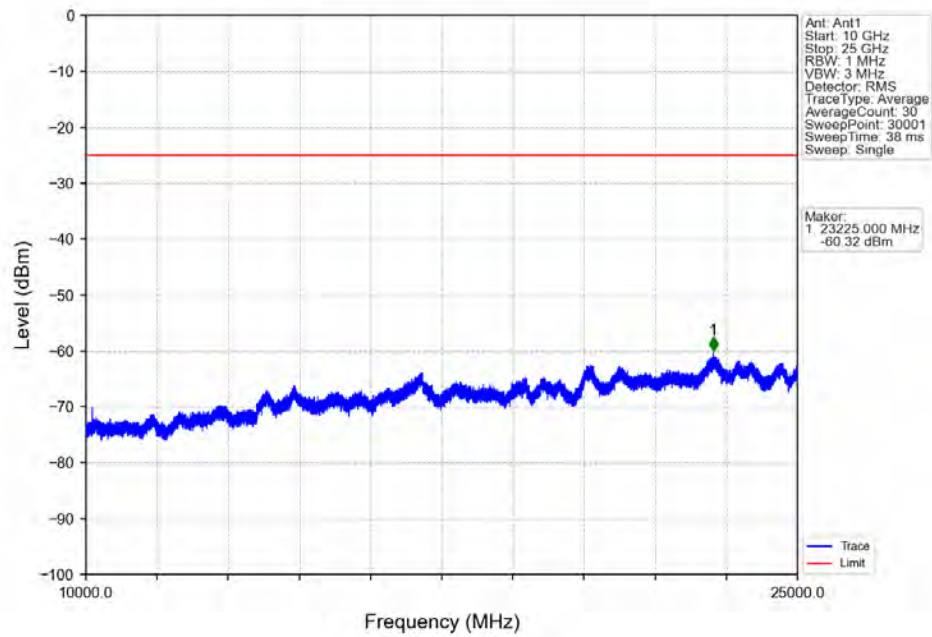
Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTNV



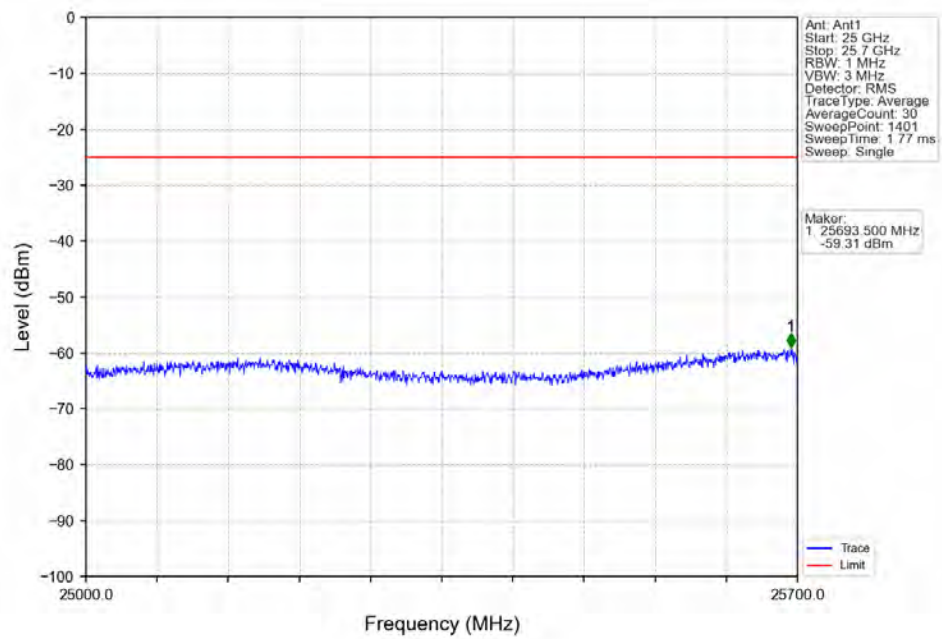
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTNV



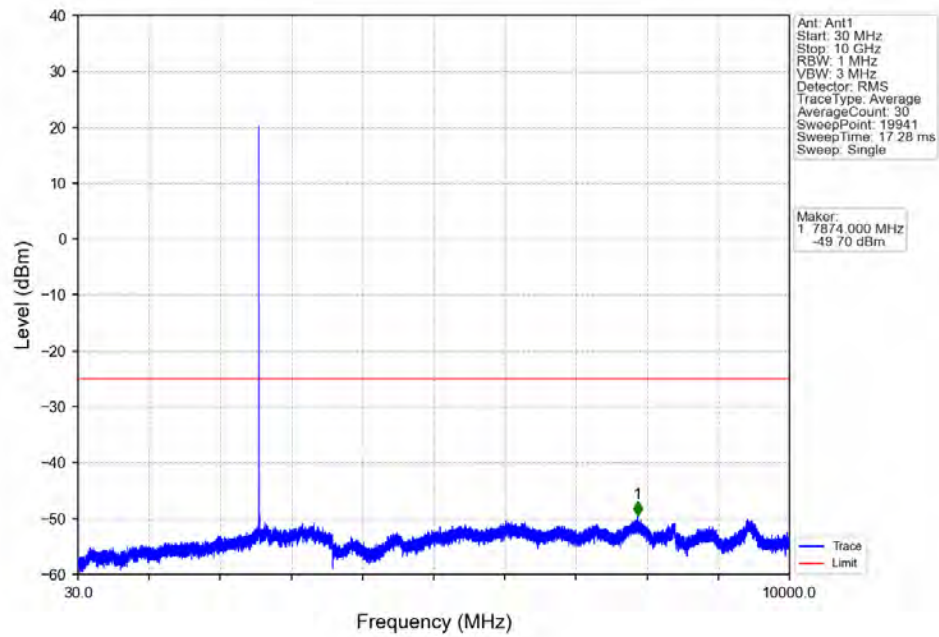
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTNV



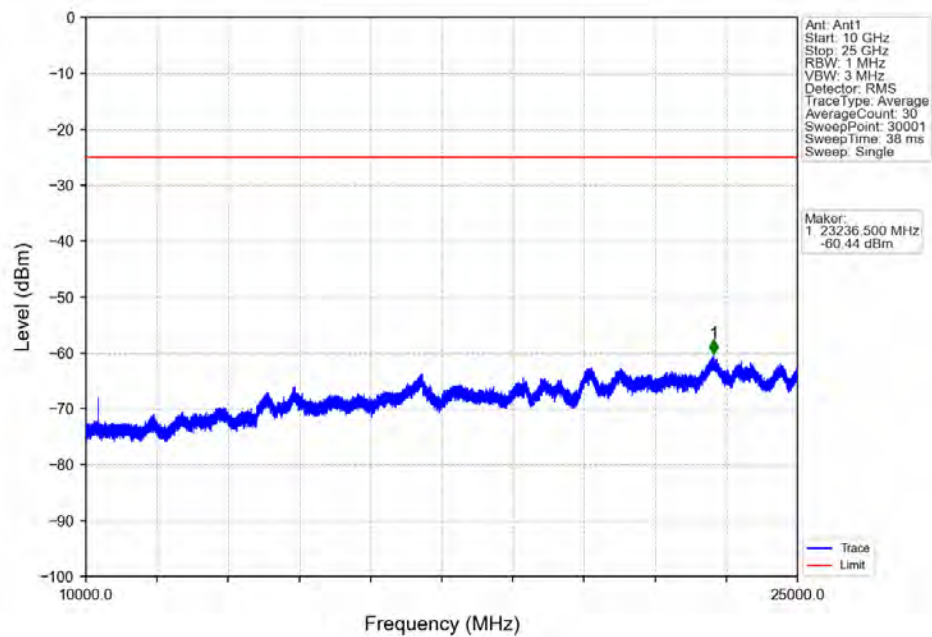
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTNV



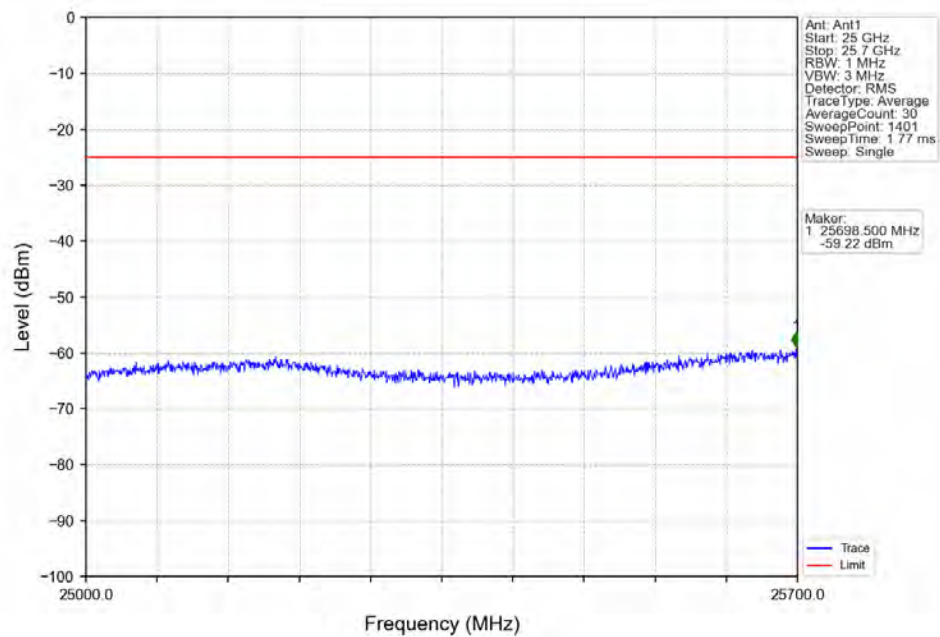
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



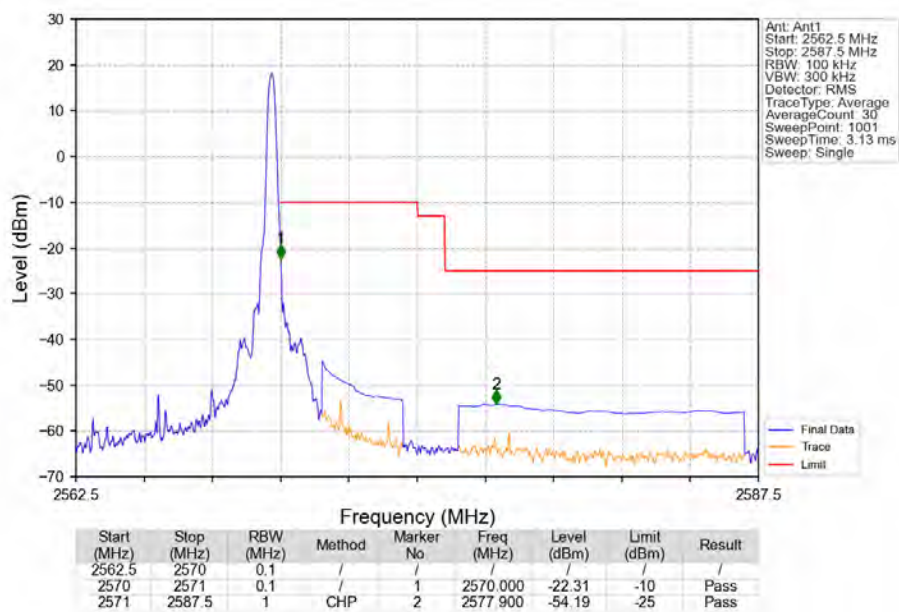
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



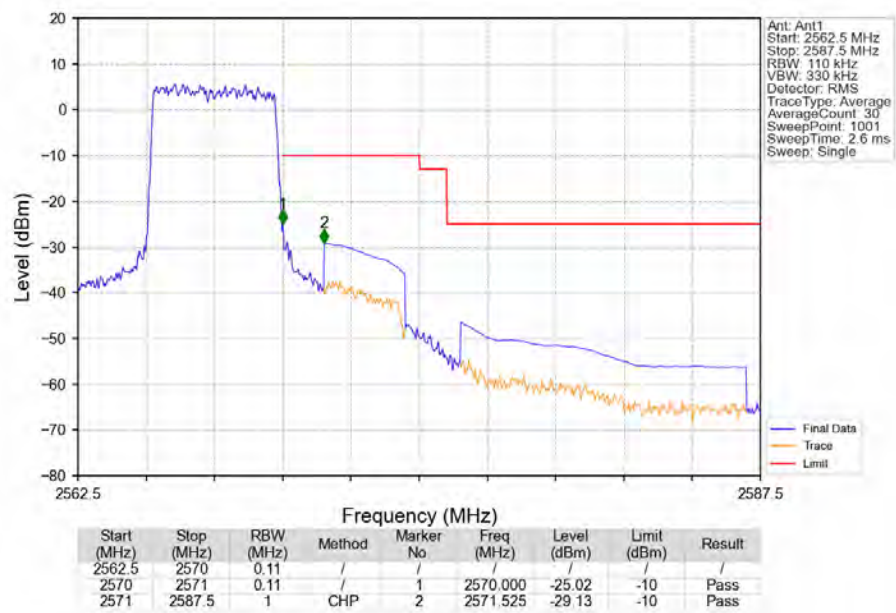
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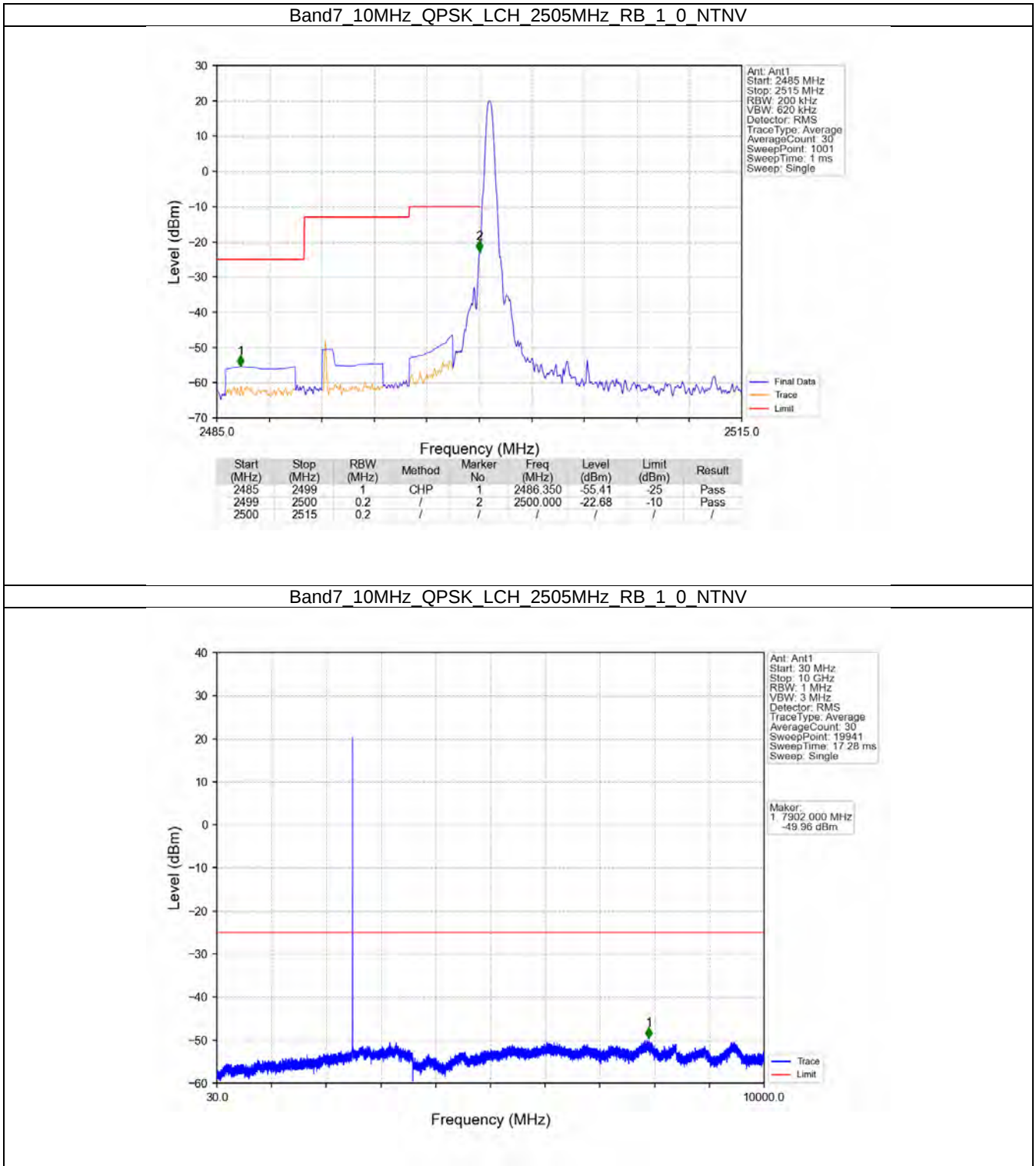
Band7 5MHz QPSK HCH 2567.5MHz RB 1 24 NTNV



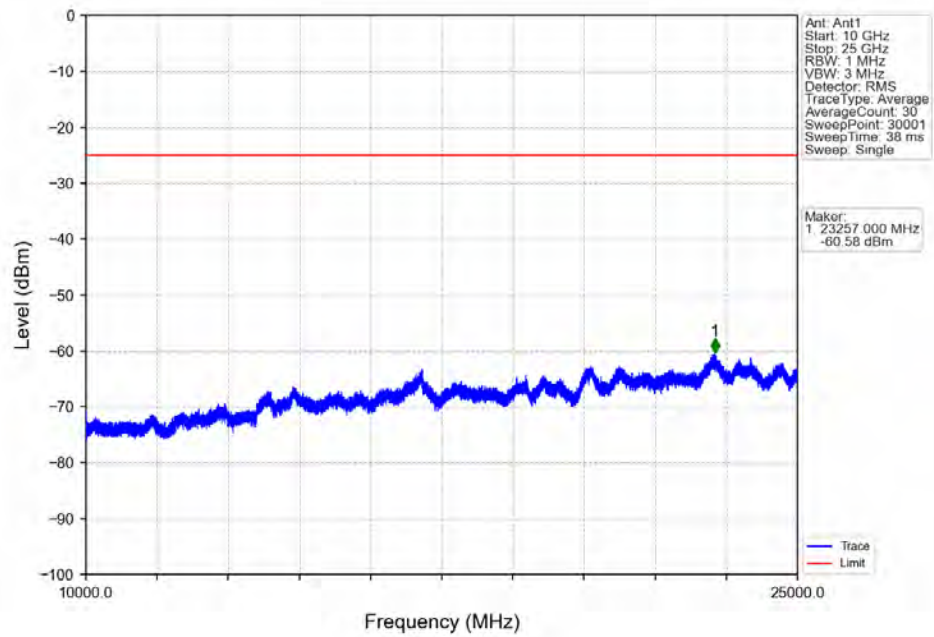
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTV



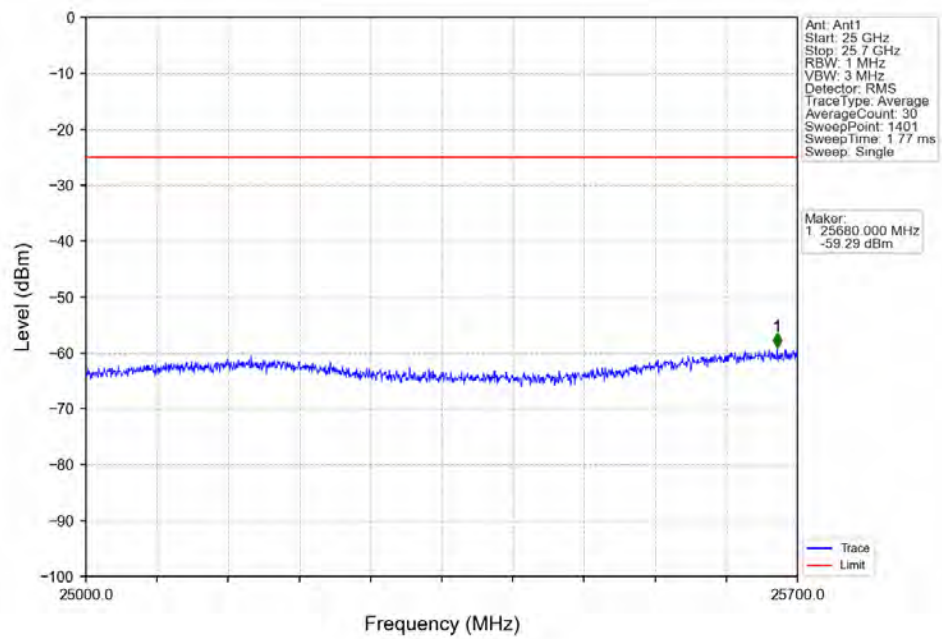
5.2.2 B7_10MHz



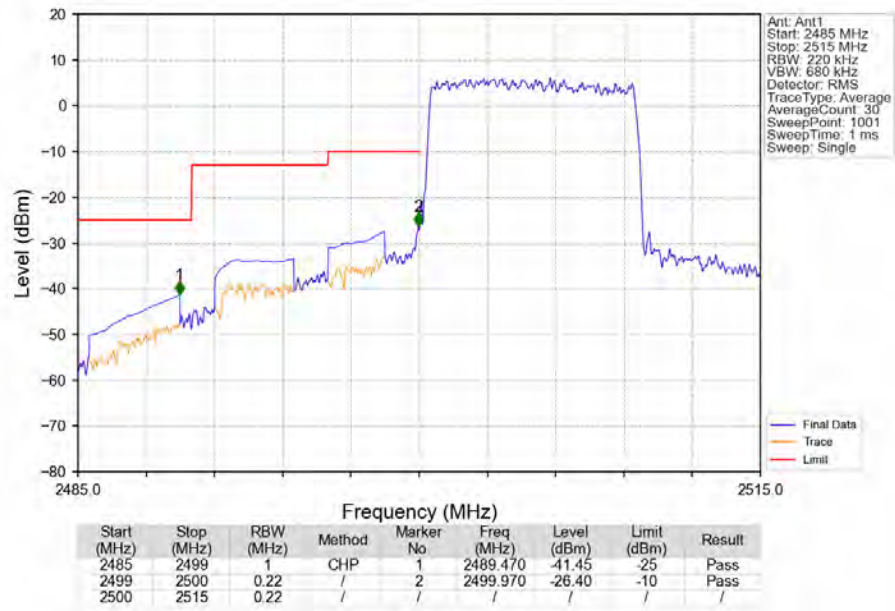
Band7 10MHz QPSK LCH 2505MHz RB 1 0 NTNV



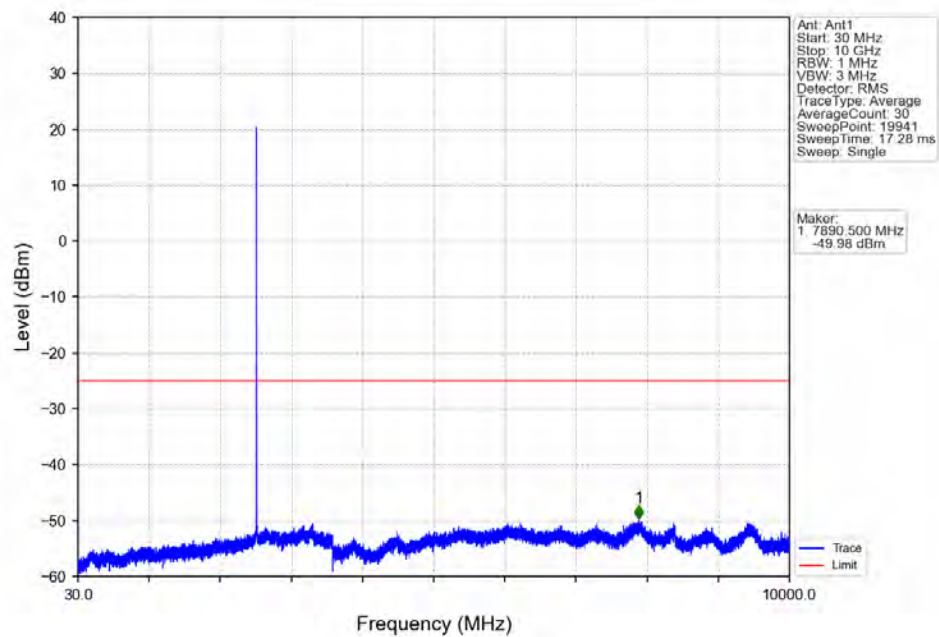
Band7 10MHz QPSK LCH 2505MHz RB 1 0 NTNV



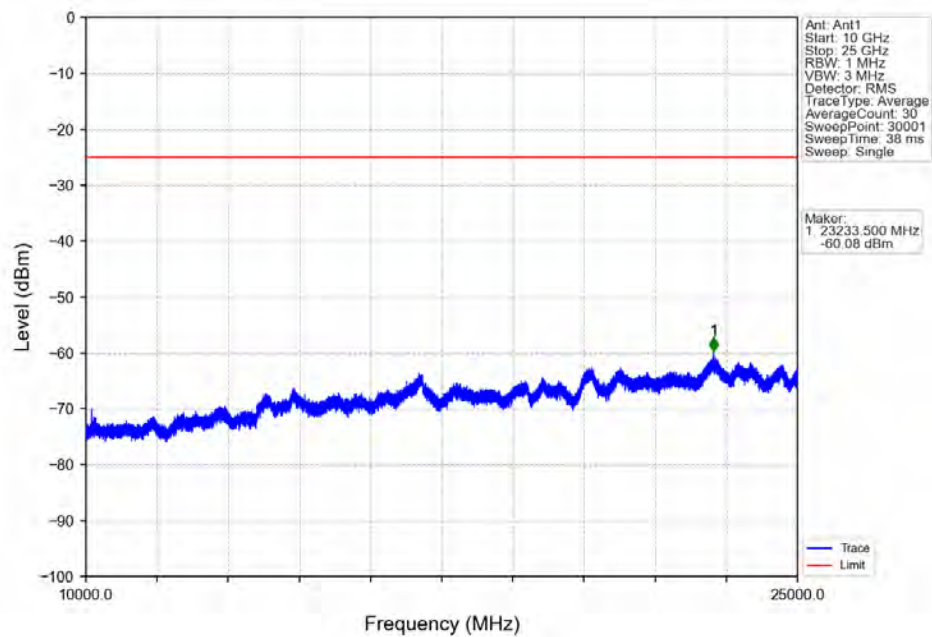
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV



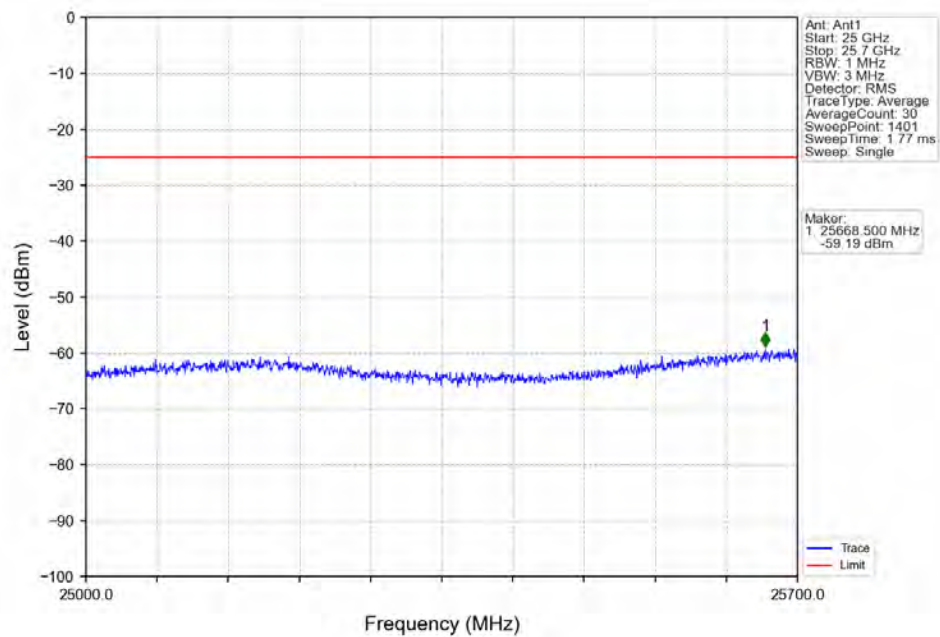
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTNV



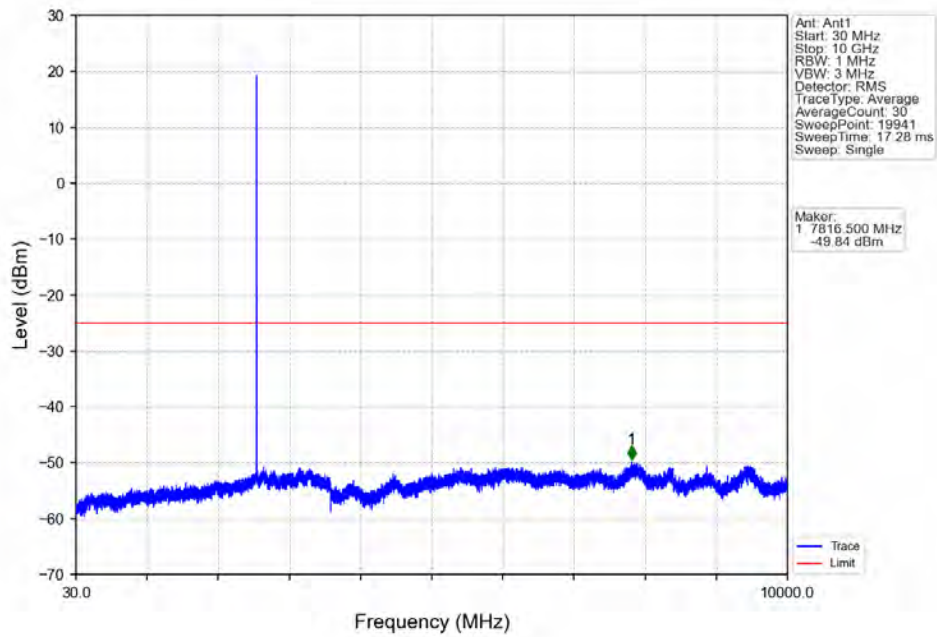
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



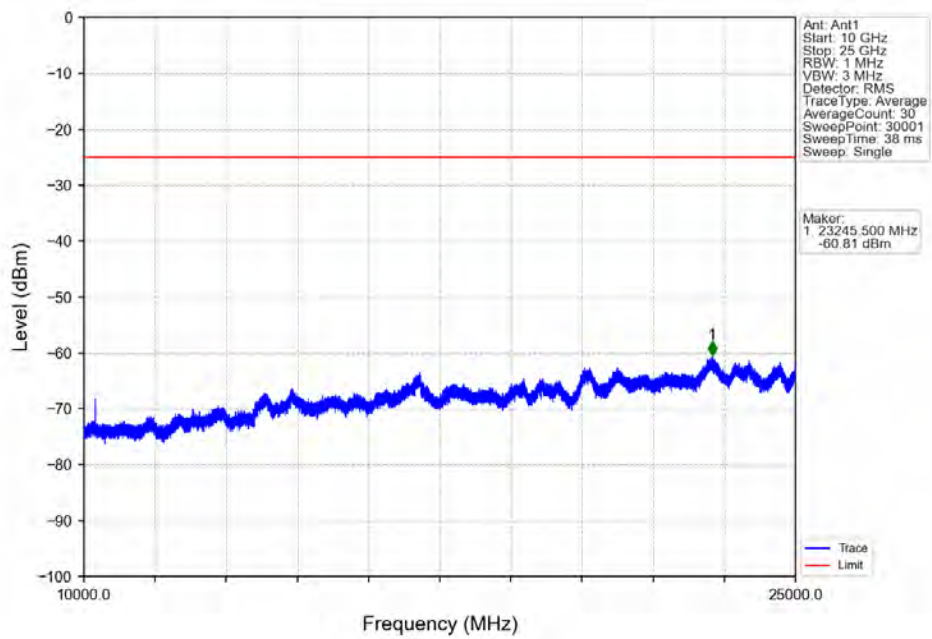
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



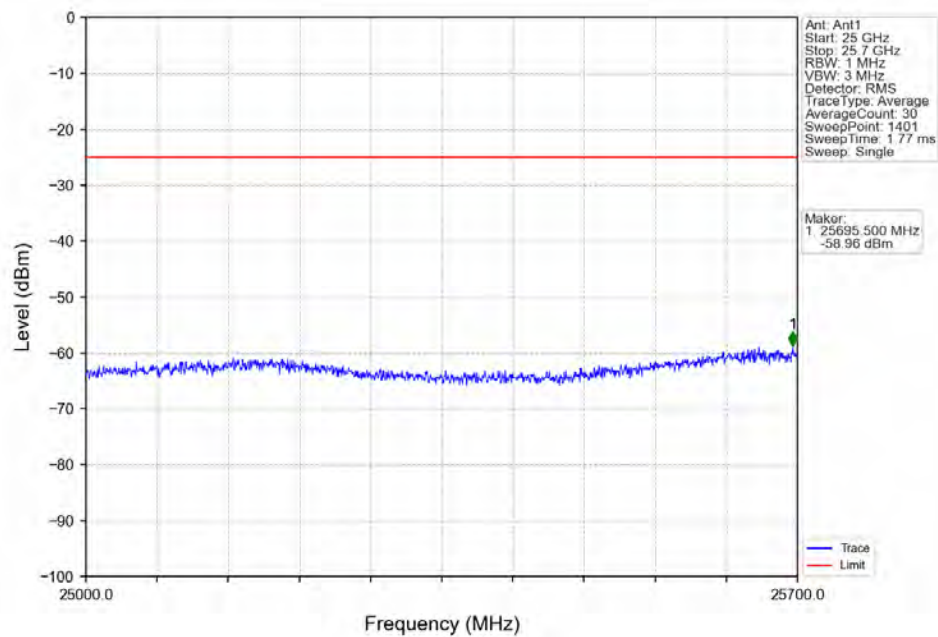
Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTN



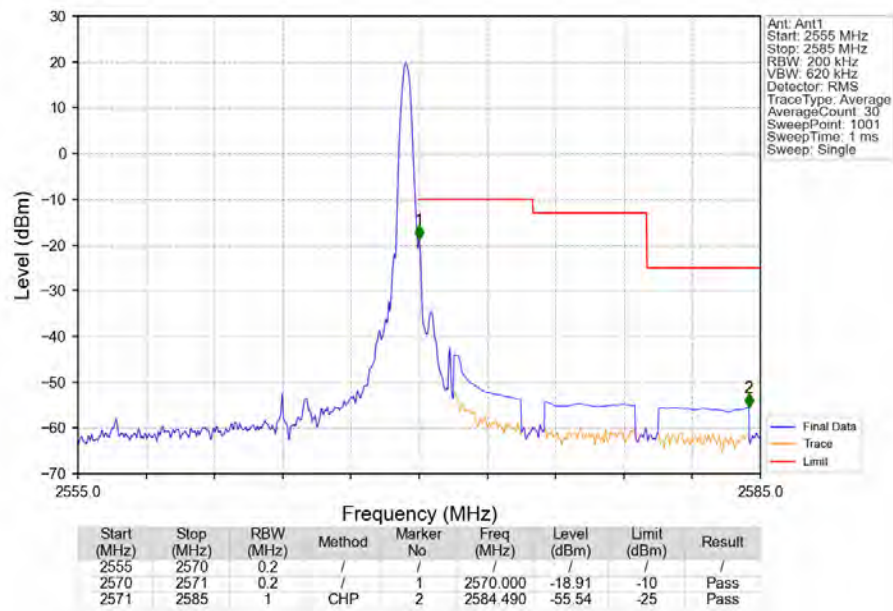
Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTN



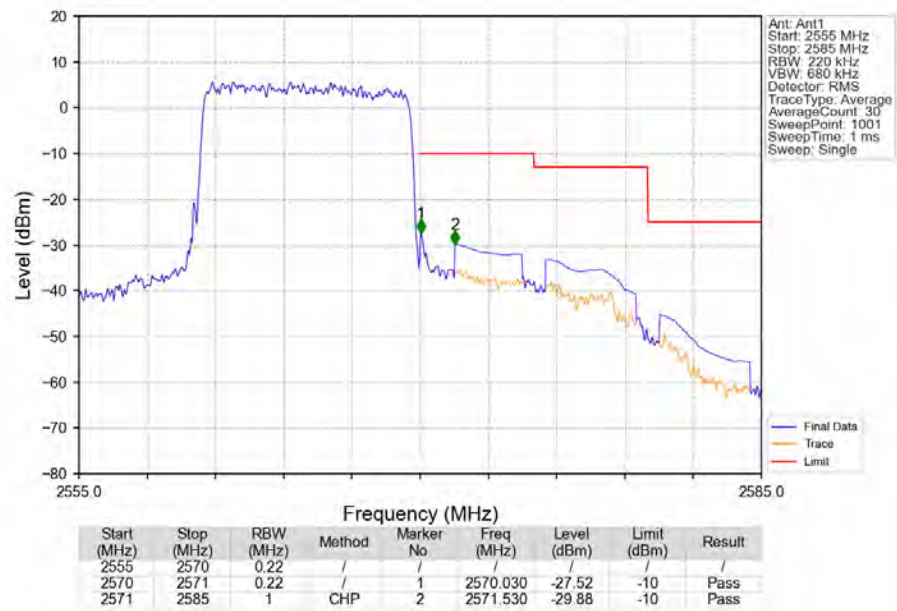
Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTNV



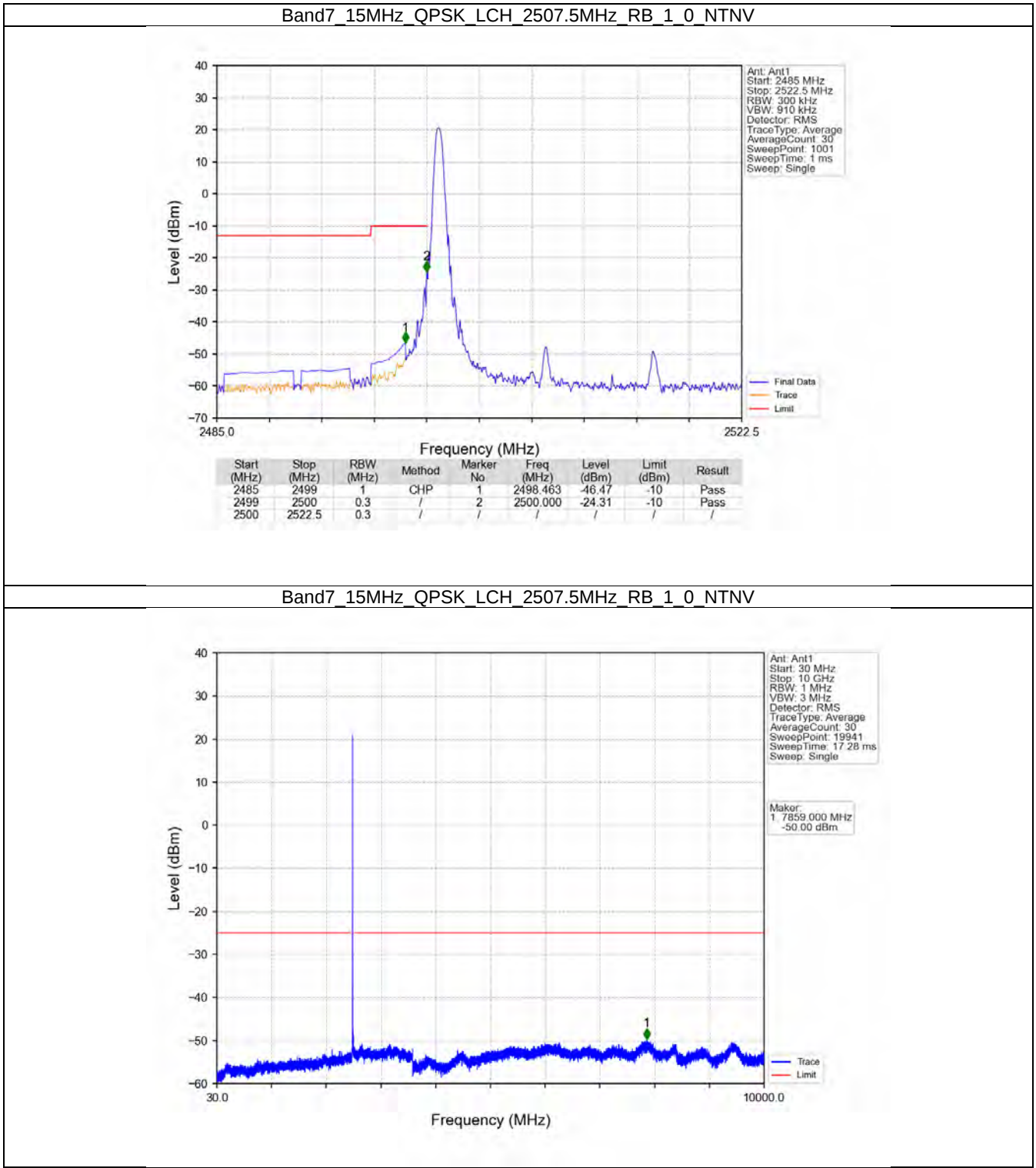
Band7 10MHz QPSK HCH 2565MHz RB 1 49 NTNV



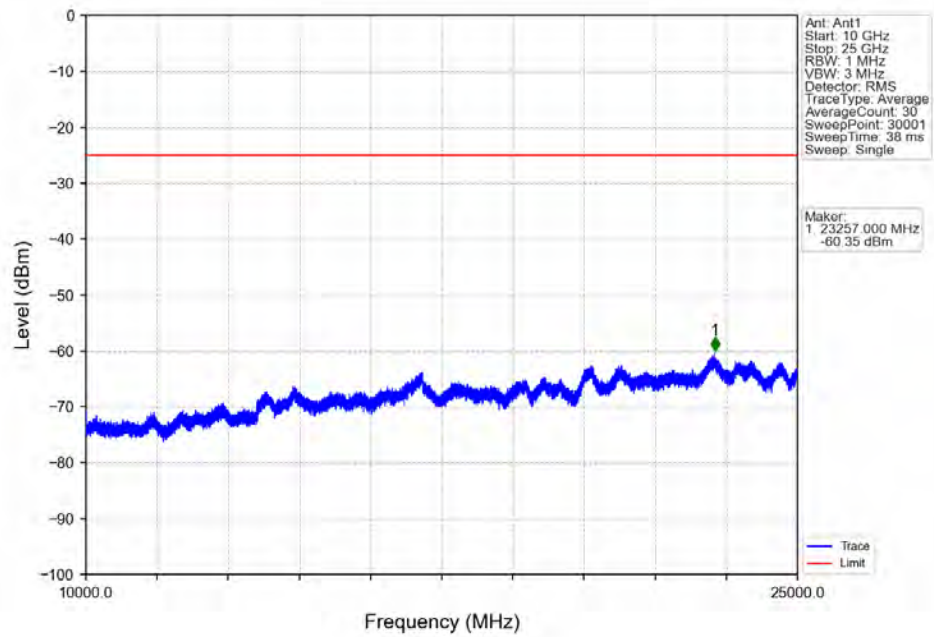
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN



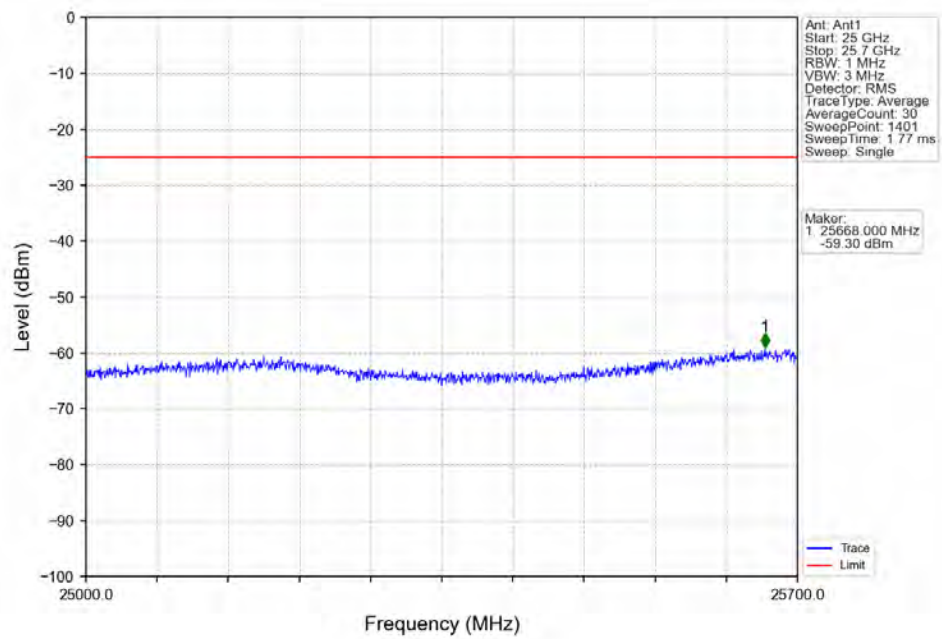
5.2.3 B7_15MHz



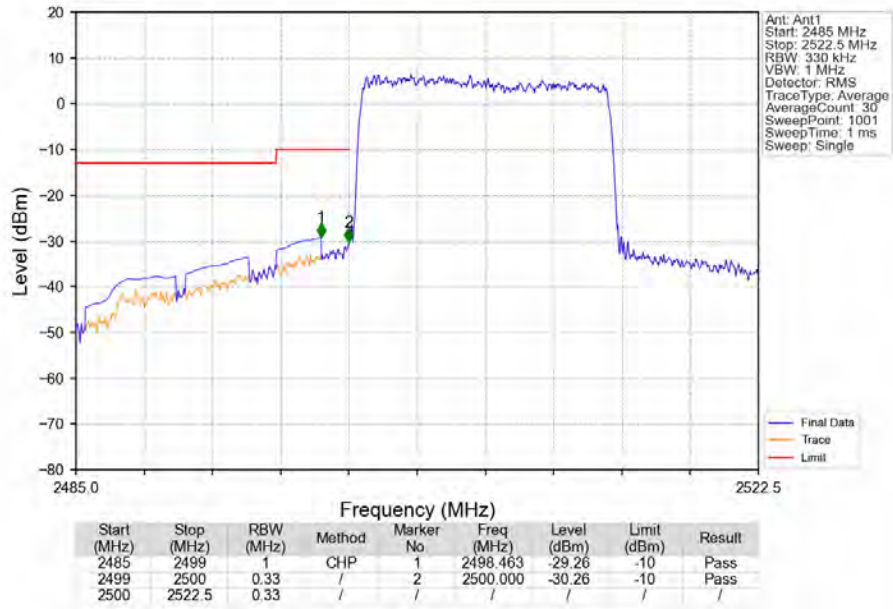
Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV



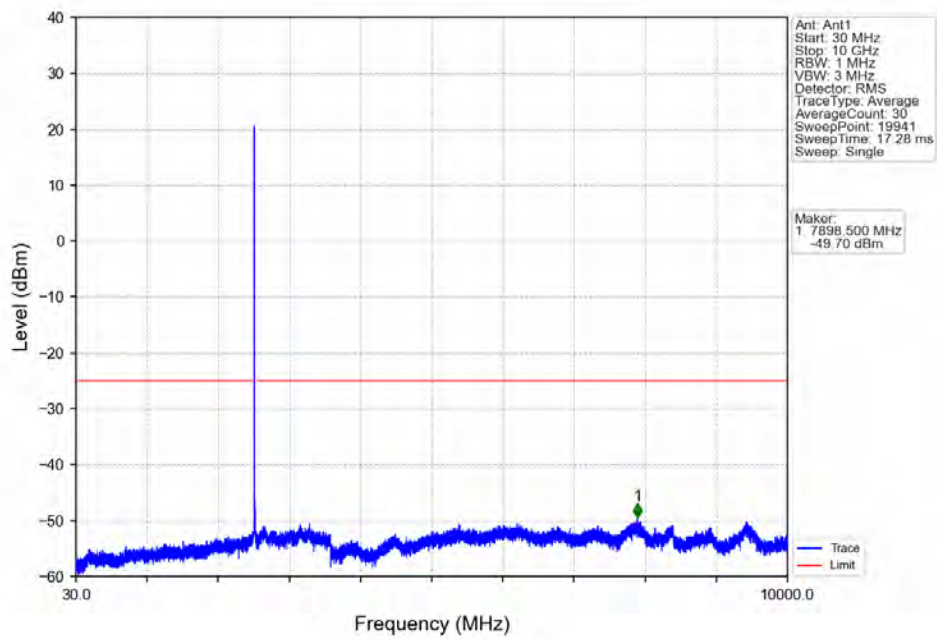
Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV



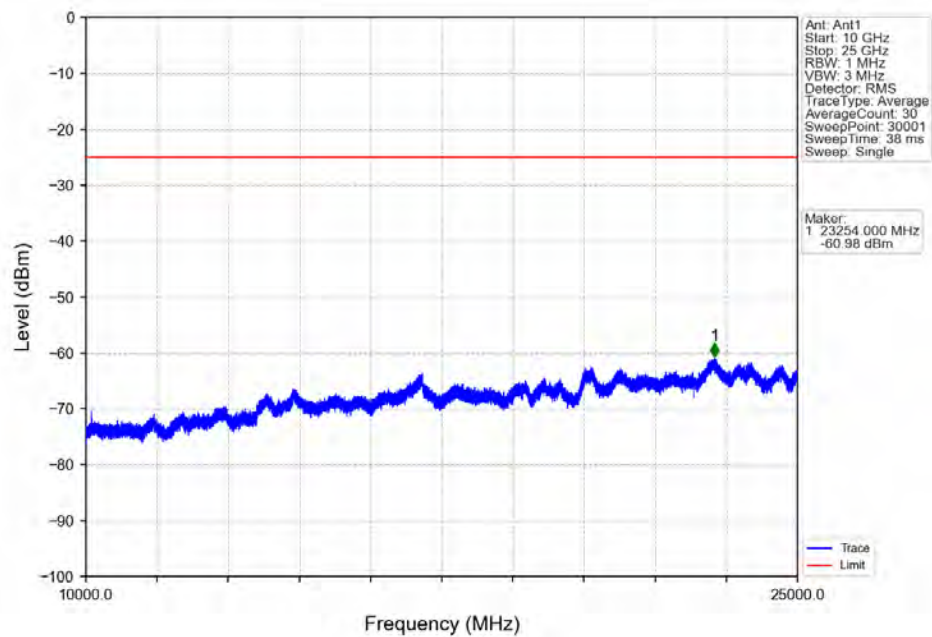
Band7 15MHz QPSK LCH 2507.5MHz RB 75 0 NTNV



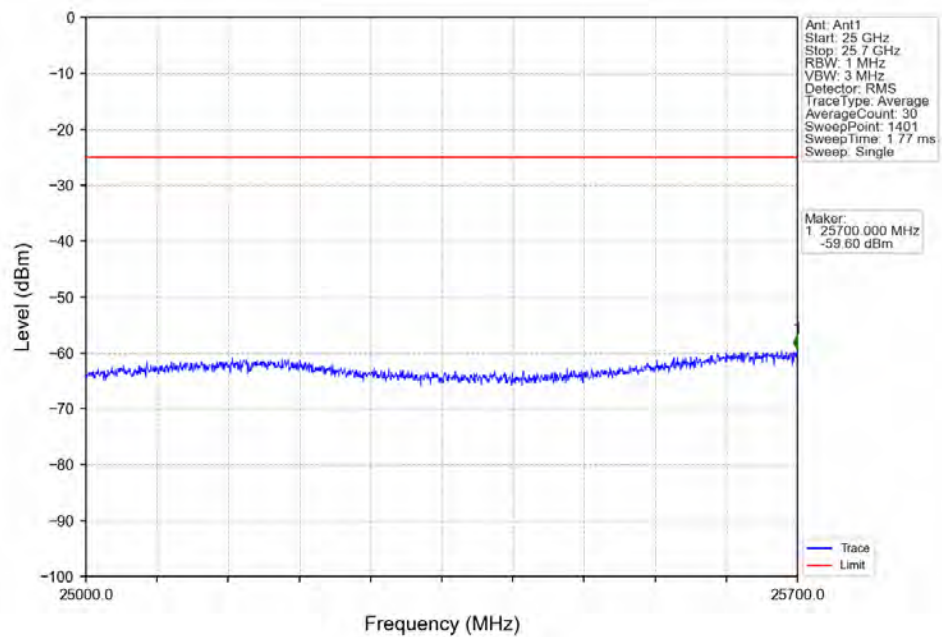
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTNV



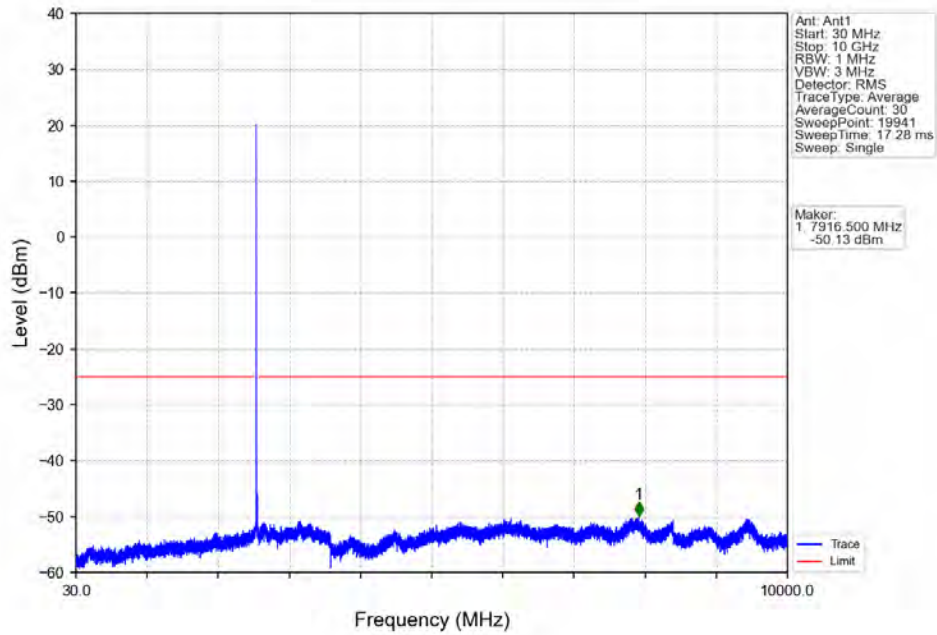
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



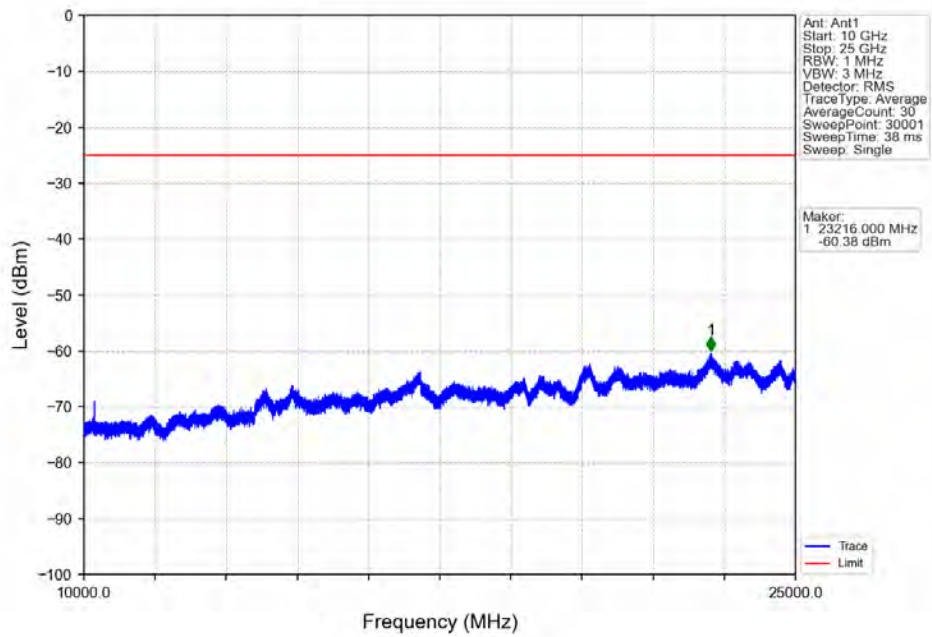
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



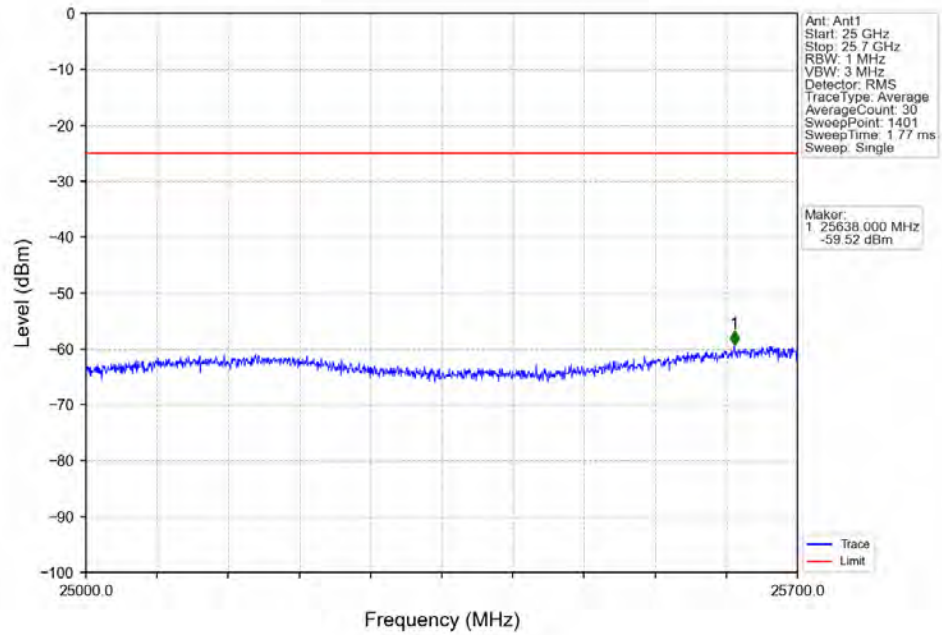
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV



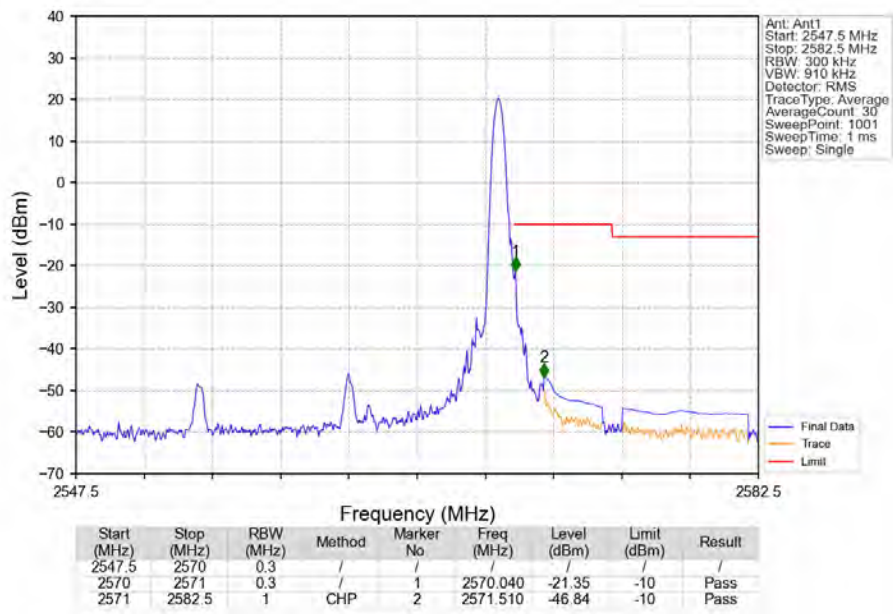
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV

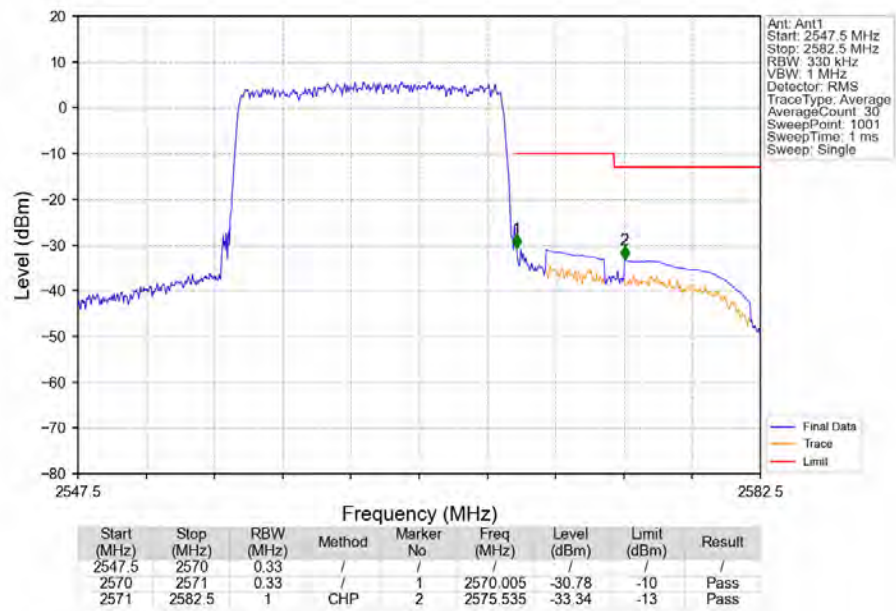


Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV

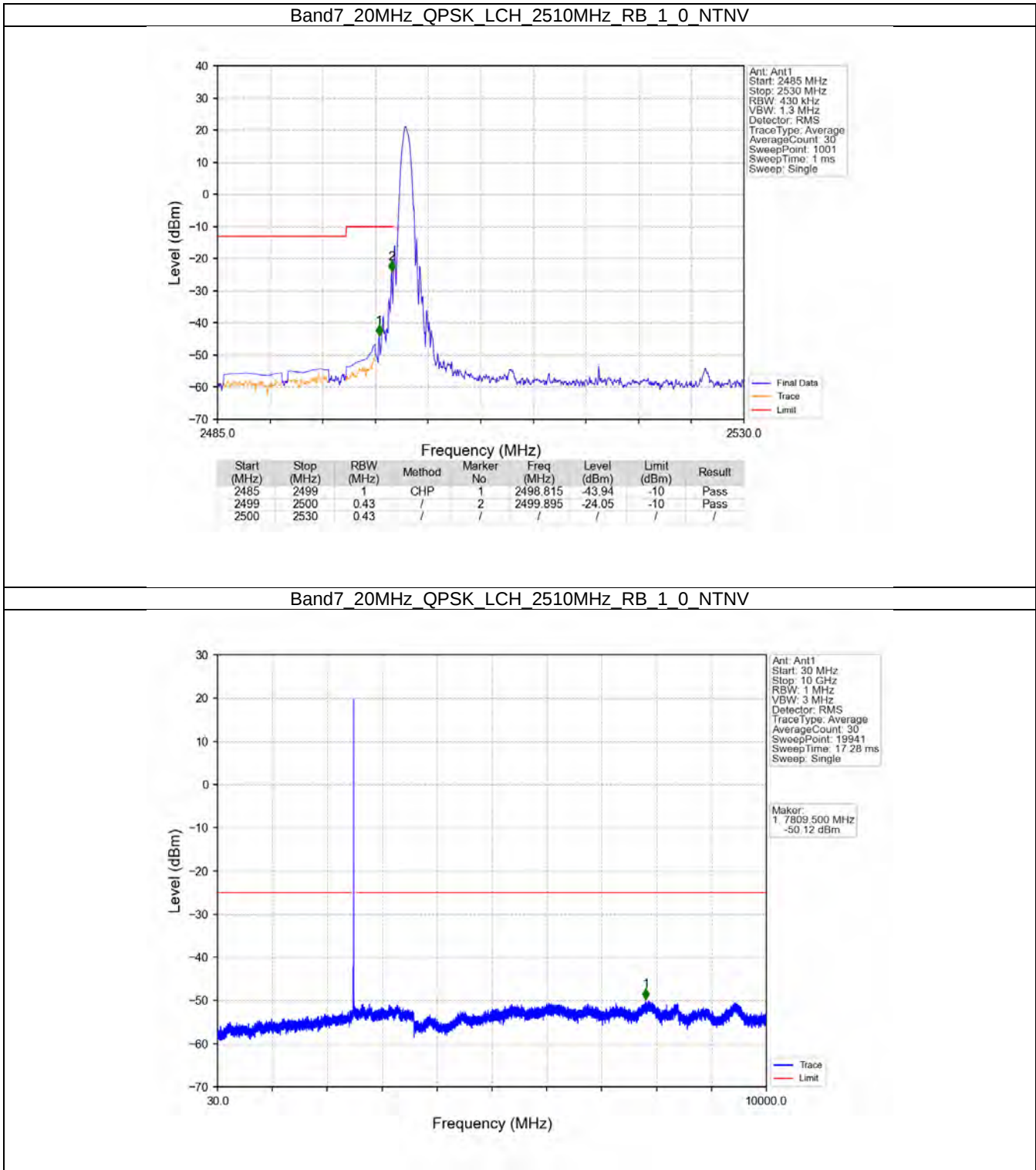


Band7 15MHz QPSK HCH 2562.5MHz RB 1 74 NTV

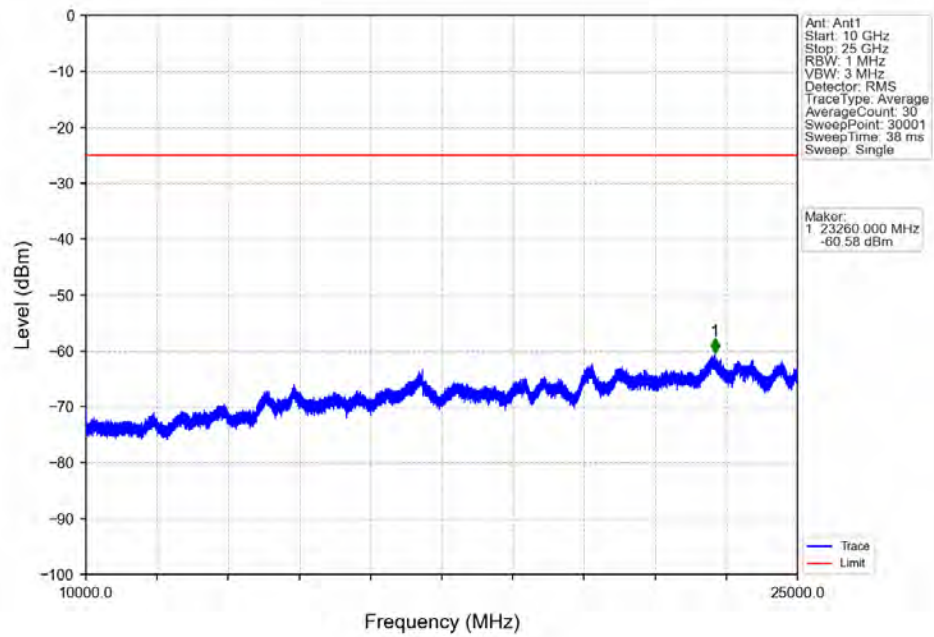




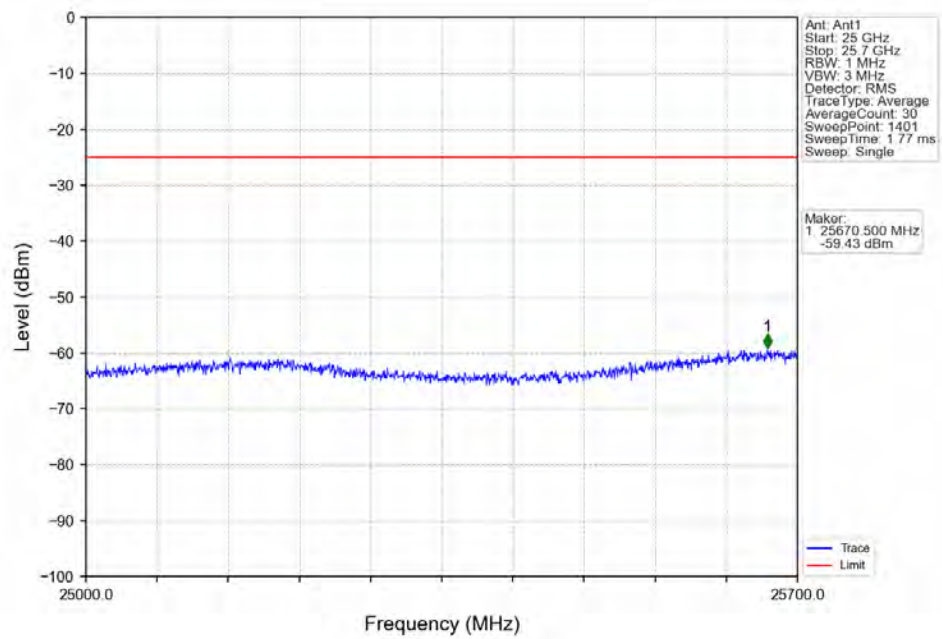
5.2.4 B7_20MHz



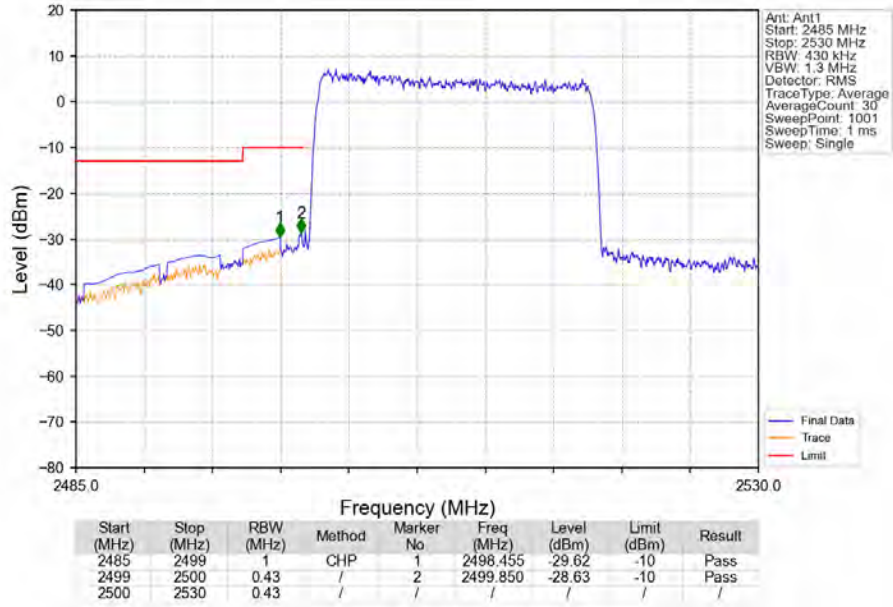
Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTNV



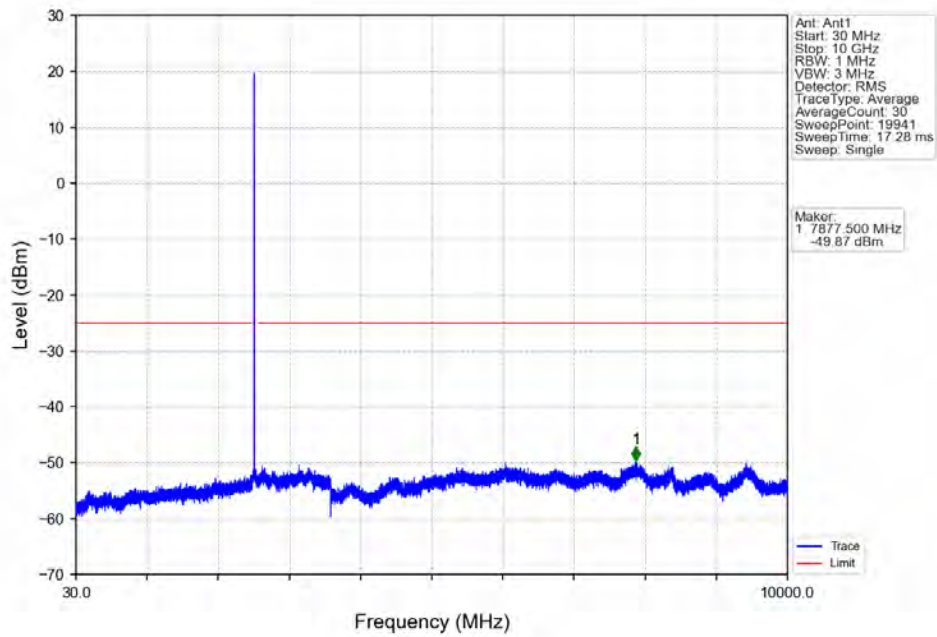
Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTNV



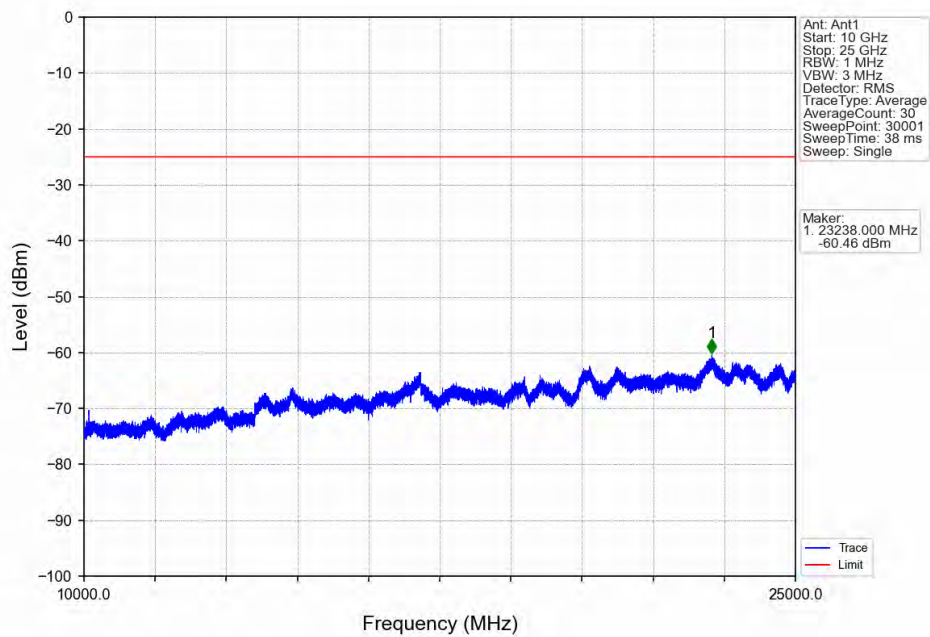
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV



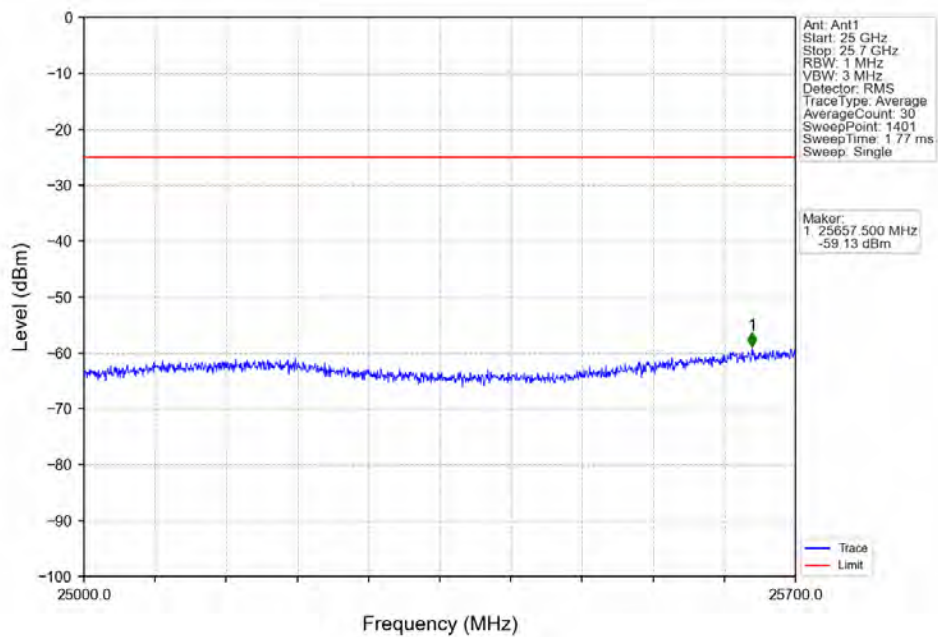
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTNV



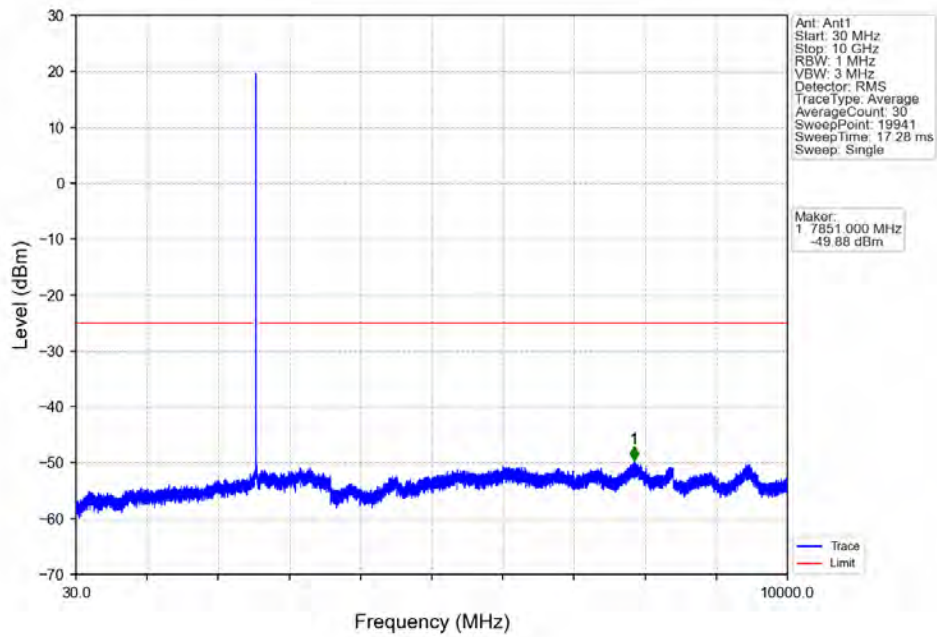
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTNV



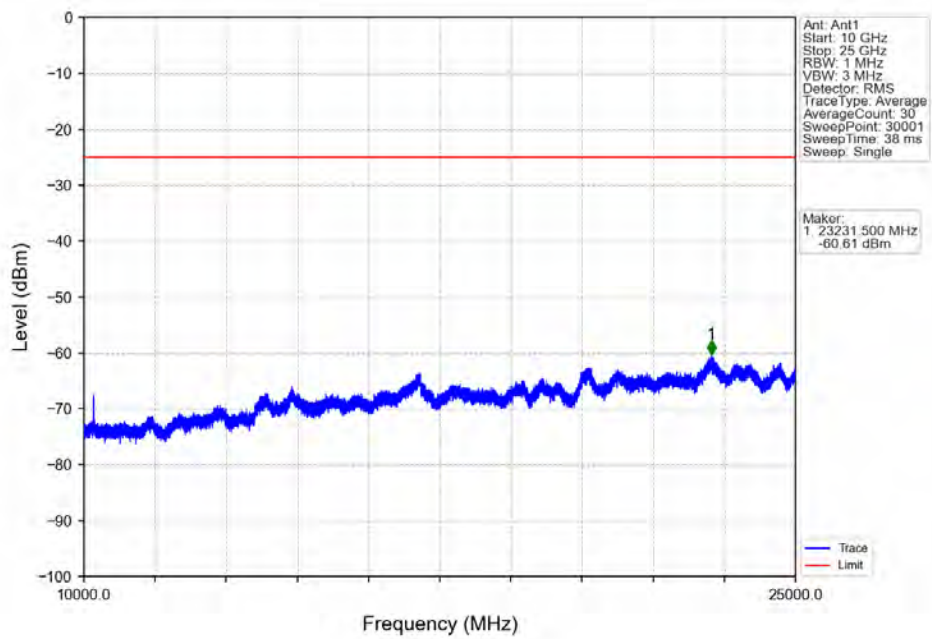
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTNV



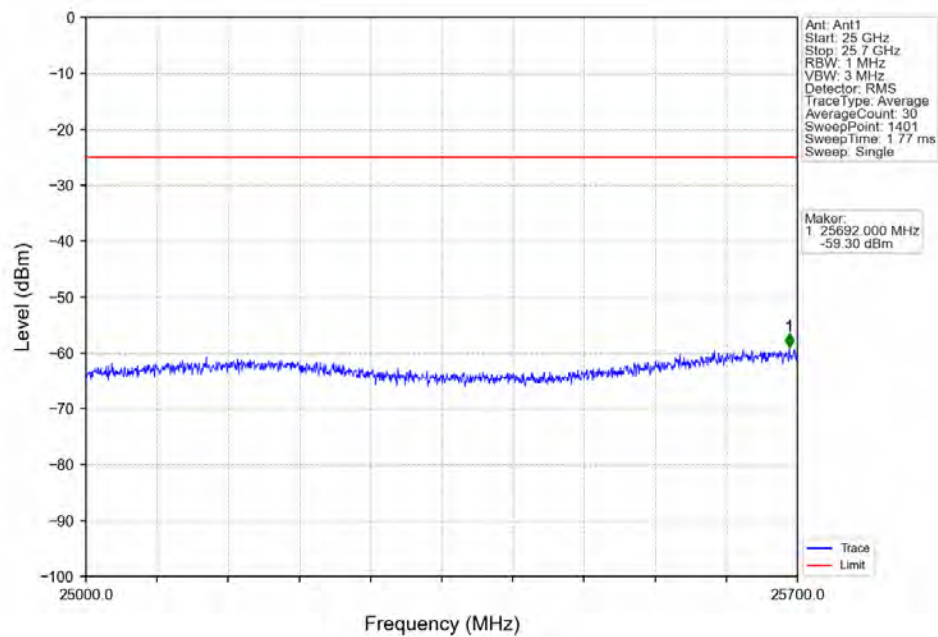
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN



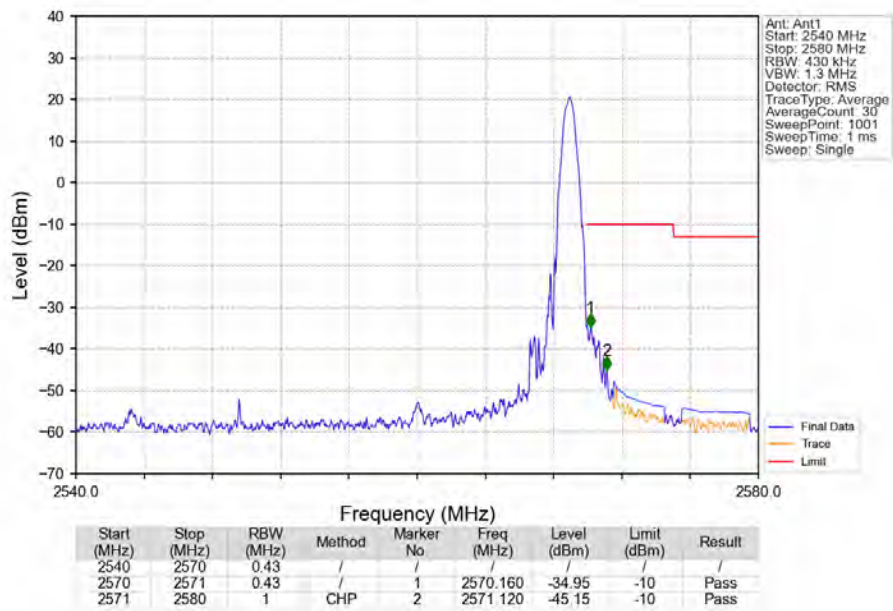
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN

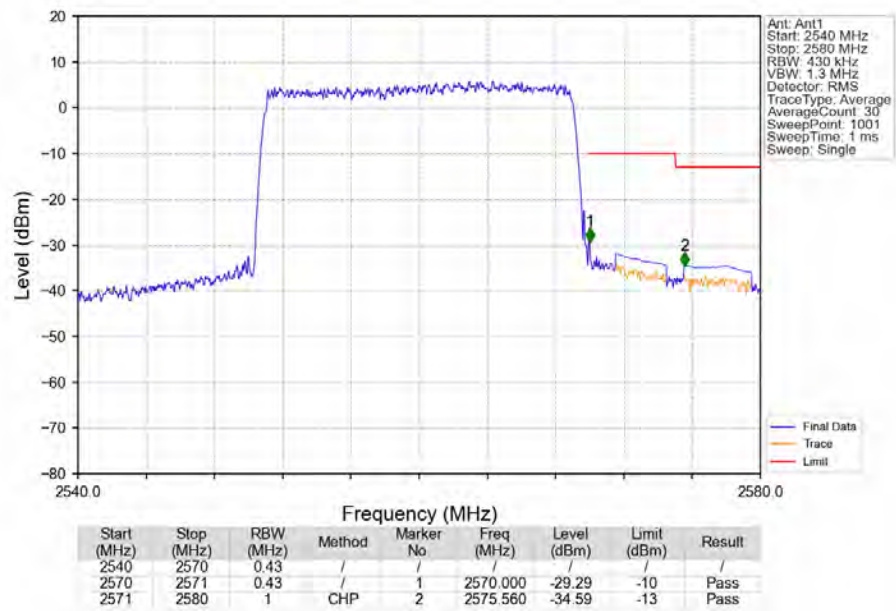


Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTNV



Band7 20MHz QPSK HCH 2560MHz RB 1 99 NTNV





Field Strength of Spurious Radiation

LTE Band 7 ANT11-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5002.0	-62.32	-25	-37.32	-67.89	4.57	10.14	Horizontal	Pass
7503.0	-60.11	-25	-35.11	-66.91	4.94	11.74	Horizontal	Pass
10004.0	-56.4	-25	-31.4	-63.97	5.46	13.03	Horizontal	Pass
5002.0	-62.29	-25	-37.29	-67.86	4.57	10.14	Vertical	Pass
7503.0	-60.77	-25	-35.77	-67.57	4.94	11.74	Vertical	Pass
10004.0	-57.05	-25	-32.05	-64.62	5.46	13.03	Vertical	Pass

LTE Band 7 ANT11-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5052.0	-62.51	-25	-37.51	-68.09	4.59	10.17	Horizontal	Pass
7578.0	-60.65	-25	-35.65	-67.53	4.95	11.83	Horizontal	Pass
10104.0	-57.26	-25	-32.26	-64.83	5.48	13.05	Horizontal	Pass
5052.0	-63.03	-25	-38.03	-68.61	4.59	10.17	Vertical	Pass
7578.0	-61.01	-25	-36.01	-67.89	4.95	11.83	Vertical	Pass
10104.0	-57.17	-25	-32.17	-64.74	5.48	13.05	Vertical	Pass

LTE Band 7 ANT11-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5102.0	-63.56	-25	-38.56	-69.16	4.6	10.2	Horizontal	Pass
7653.0	-60.33	-25	-35.33	-67.3	4.95	11.92	Horizontal	Pass
10204.0	-57.55	-25	-32.55	-65.13	5.49	13.07	Horizontal	Pass
5102.0	-63.77	-25	-38.77	-69.37	4.6	10.2	Vertical	Pass
7653.0	-59.85	-25	-34.85	-66.82	4.95	11.92	Vertical	Pass
10204.0	-57.23	-25	-32.23	-64.81	5.49	13.07	Vertical	Pass

Remark:

- The field strength is calculated by adding the S.G.Power, Antenna Gain & Cable Loss. The basic equation with a sample calculation is as follows:

$$\text{EIRP} = \text{S.G. Power} + \text{Antenna Gain} - \text{Cable Loss}$$

$$\text{Over Limit} = \text{Limit} - \text{EIRP}$$
- All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---